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Supplementary Materials for

Total structure determination of surface doping $[Ag_{46}Au_{24}(SR)_{32}](BPh_4)_2$ nanocluster and its structure-related catalytic property

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This PDF file includes:

Materials.

Unless specified, reagents were purchased from ACROS Organics or Sigma-Aldrich and used without further purification. Tetrachloroauric(III) acid ($HAuCl_4 \cdot 3H_2O$, >99.99% metals basis), and $AgNO_3$ (>98%) were received from ACROS Organic. Toluene (HPLC grade, ≥99.9%, Sigma-Aldrich), Ethanol (Reagent Alcohol, 95%), Methanol (HPLC grade, ≥99.9%), Methylene chloride (HPLC grade, ≥99.9%), all kinds of thiol and multi-walled carbon nanotube were from Sigma-Aldrich. Pure water was ordered from Wahaha Co LTD.

Synthesis of $[Ag_{46}Au_{24}(S^tBu)_{32}](BPh_4)_2$ nanocluster. $AgNO_3$ (20 mg, 0.078 mmol) was dissolved in methanol under vigorous stirring; then gold salt ($HAuCl_4 \cdot 3H_2O$, 19.7mg, 0.050 mmol) was added, and the solution turned from a colorless transparent solution to a yellow turbid liquid. 100 μl tertiary butyl mercaptan was added, and then the yellow turbid liquid became white turbid after a few minutes. After that, 1mL NaOH aqueous solution (40 mg/mL) was added under vigorous stirring for the next 20 min. Then, 1mL $NaBH_4$ aqueous solution (140 mg/mL) was added quickly. The color of solution immediately turned black and produced AgAu alloy nanoclusters, which were then precipitated out of the methanol solution. The reaction was aged for 6h at room temperature, and the black precipitate was collected by centrifugation (5min at ~6000 rpm). The black precipitate was washed with excess hexane and collected by centrifugation again. This step was repeated at least 3 times to completely remove the residual free thiol. Then, toluene was used to separate the $[Au_{24}Ag_{46}(SBu^t)_{32}]^{2+}$ nanoclusters from the crude product. The by-products were soluble in toluene while $[Au_{24}Ag_{46}(SBu^t)_{32}]^{2+}$ nanoclusters were slightly soluble in toluene. Hence, they can be easily separated by centrifugation. The as-obtained nanoclusters redissolved in CH_2Cl_2 were pure $[Au_{24}Ag_{46}(SBu^t)_{32}]^{2+}$. A right amount of $NaBPh_4$ dissolved in 5ml CH_3OH was added to replace the anion (Cl^-) of $[Au_{24}Ag_{46}(SBu^t)_{32}]^{2+}$ nanoclusters (redissolved in 5ml CH_2Cl_2), forming $Au_{24}Ag_{46}(SBu^t)_{32}(BPh_4)_2$ (back precipitate). Black block-like crystals (Fig. S4) were crystallized from CH_2Cl_2/hexane at room temperature. The yield of $[Ag_{46}Au_{24}(S^tBu)_{32}](BPh_4)_2$ was about 80% (Ag atom basis).

Synthesis of other homometal or bi-metallic nanoclusters. Other clusters including $Au_{25}(SR)_{18}^-$, $Ag_{32}Au_{12}(SR)_{30}^{4-}$ and $Ag_{44}(SR)_{30}^{4-}$ were synthesized and crystallized by the reported methods.[34,37]

Preparation of catalysts. The multiwalled carbon nanotube (CNT) (10mg) was dispersed in toluene (10mL) and a calculated amount (0.1 wt%) of cluster (Note: single crystals were used as the source for each experiment) was added to the suspension of CNT under vigorous magnetic stirring. After proceeding overnight, the product was separated from the solution by centrifugation and dried in vacuum for 12 h. Calcination of the Au_{25}:SR/CNT, Ag_{44}:SR/CNT and $Ag_{46}Au_{24}$/CNT composites was performed in a quartz-tube oven under vacuum conditions at 200°C for 2h to remove the ligands.

Catalytic activity and selectivity in styrene oxidization. Ethanol (1.5mL), nanoclusters@CNT catalysis (20 mg, 2wt% particle loading), 57ul (0.5mmol) styrene were mixed in a 10mL round-bottom flask and heated to 65 °C followed by the addition of ~144ul (1.5mmol) *t*-butylhydrogenperoxide (TBHP). After ~ 24h, the reaction was stopped and the product was analyzed by gas chromatography (GC)-MS.

Structure determination. The data collection for single crystal X-ray diffraction was carried out on a Bruker Smart APEX II CCD diffractometer at 150 K, using a Mo-Ka radiation (λ = 0.71073 Å). Data reductions and absorption corrections were performed using the SAINT and SADABS programs, respectively.[S1] The structure was solved by direct methods and refined with full-matrix least squares on F^2 using the SHELXTL software package.[S2] All non-hydrogen atoms were refined anisotropically, and all the hydrogen atoms were set in geometrically calculated positions and refined isotropically

using a riding model.

Crystal data for $[Ag_{46}Au_{24}(S^tBu)_{32}](BPh_4)_2$ nanocluster. Space group P21/C, a = 30.009(3) Å, b = 23.247(2) Å, c = 42.895(3) Å, α = 90.00°, β = 92.630(3)°, γ = 90.00°, V = 29893(5) Å^3, T = 150(2) K, Z = 4, 295735 reflections measured, 61987 unique reflections (R_{int}=0.0597), final R_1 = 0.0584 and wR_2 = 0.1434 for 48692 observed reflections ($I > 2\sigma(I)$). All of the refinement parameters are summarized in Table S1-S4.

Optical absorption spectroscopy. All UV-Vis spectra of as-synthesized nanoclusters were obtained using an Agilent 8453 instrument, and solution samples were prepared using CH_2Cl_2 as the solvent.

NMR analysis. NMR measurements were performed on a Bruker Avance™ II 400 NMR instrument operating at 400 MHz for ^1H. The data was collected with ~5 mg $[Ag_{46}Au_{24}(S^tBu)_{32}](BPh_4)_2$ clusters dissolved in 0.8 mL CD_2Cl_2.

TEM imaging. The transmission electron microscopy (TEM) images were obtained using a JEM 2100 microscopy. The operating voltage was 200 kV.

S1. APEX II software suite, Bruker-AXS, 2006.
S2. SHELXTL, G. M. Sheldrick, *Acta Crystallogr.*, *A* **64**, 112 (2008).

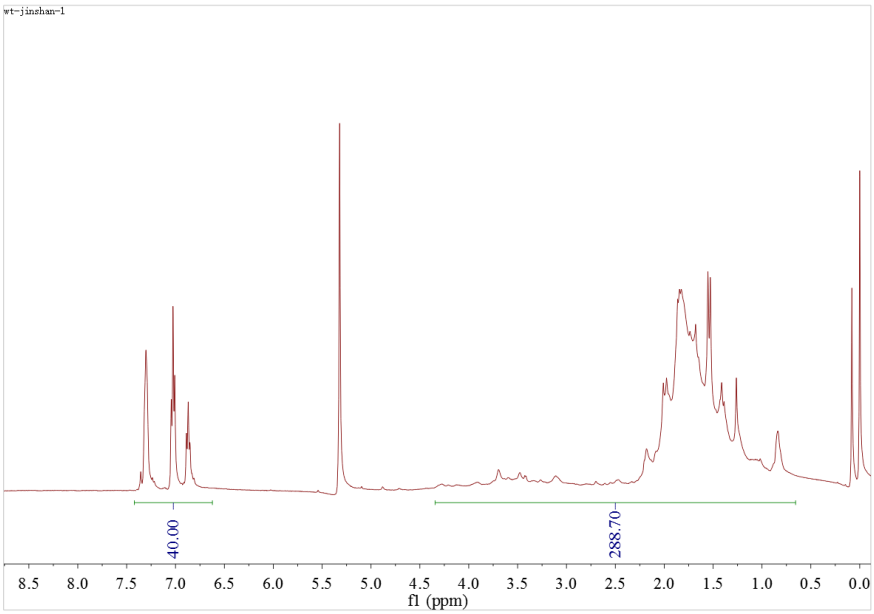

Fig. S1. ^1H NMR spectrum of $[Ag_{46}Au_{24}(S^tBu)_{32}](BPh_4)_2$ nanoclusters (single crystal dissolved in CD_2Cl_2).

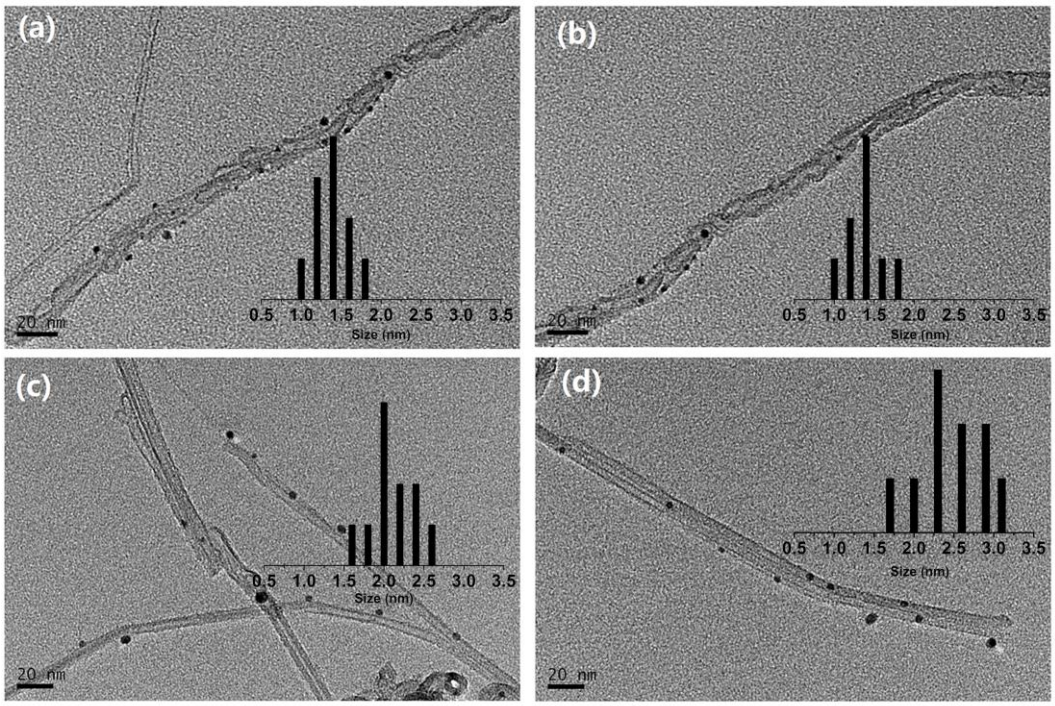

Fig. S2. Typical TEM images and cluster size distributions of (a) Au_{25}/CNT, (b) Ag_{44}/CNT, (c) $Ag_{32}Au_{12}$/CNT, (d) $Ag_{46}Au_{24}$/CNT before reaction.

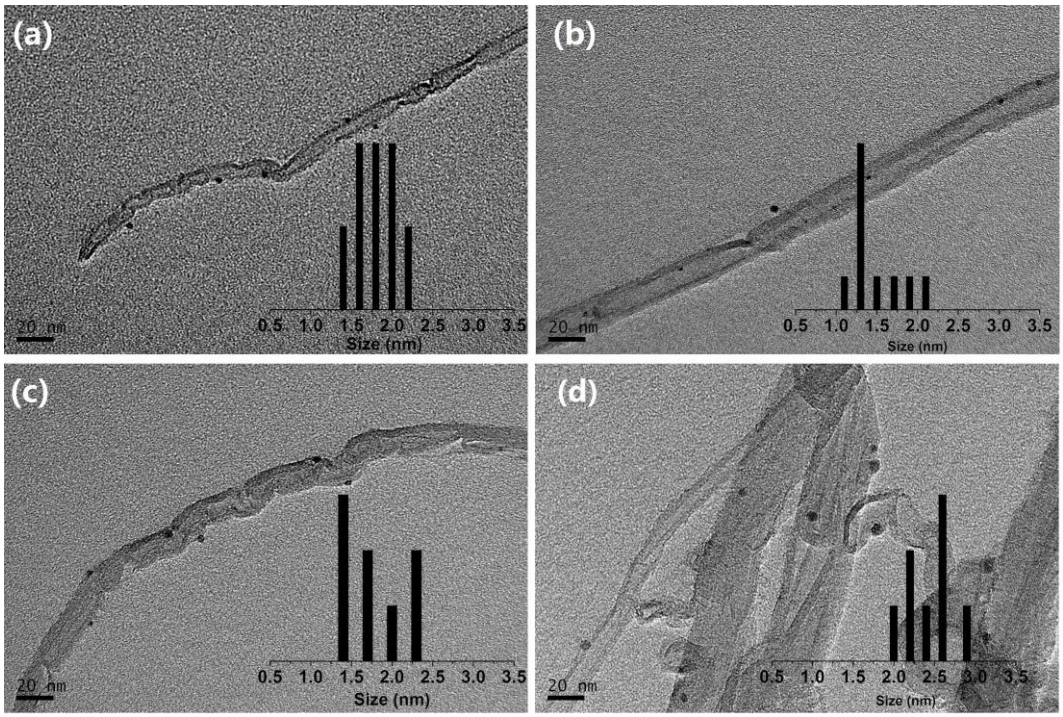

Fig. S3. Typical TEM images and cluster size distributions of (a) Au_{25}/CNT, (b) Ag_{44}/CNT, (c) $Ag_{32}Au_{12}$/CNT, (d) $Ag_{46}Au_{24}$/CNT after reaction.

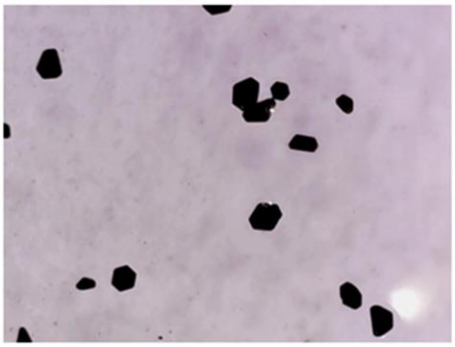

Fig. S4. The digital photo of the $[Ag_{46}Au_{24}(S^tBu)_{32}](BPh_4)_2$ crystals.

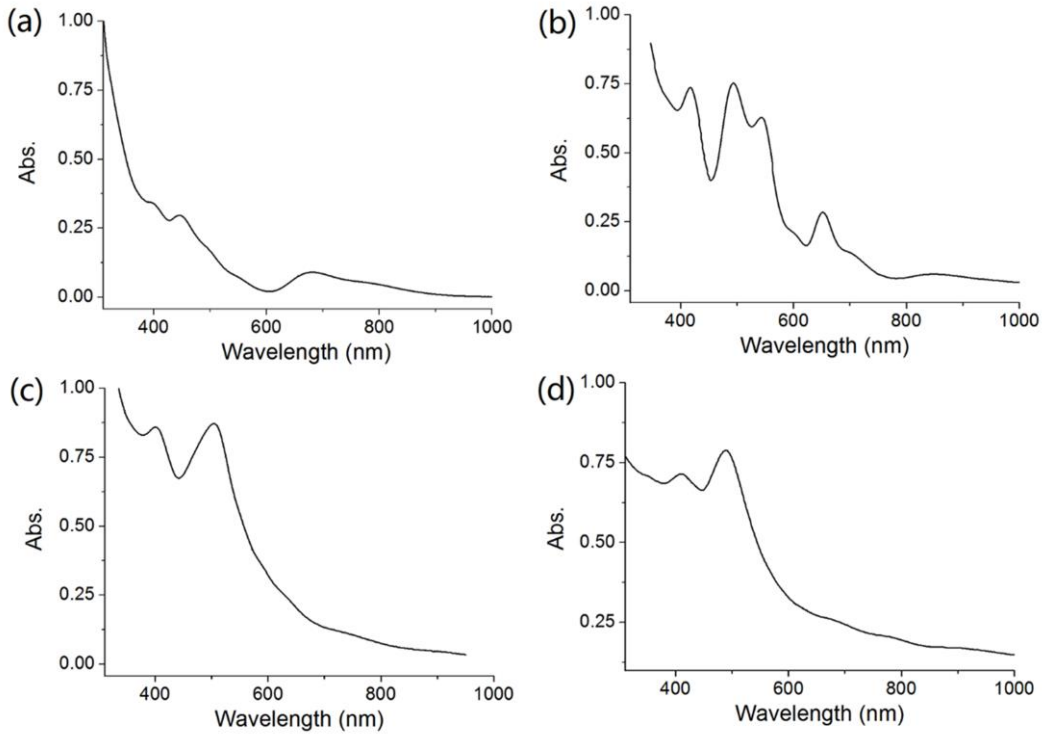

Fig. S5. The UV-Vis spectra of (a) $Au_{25}(SC_2H_4Ph)_{18}^-$ (b) $Ag_{44}(SPhF_2)_{30}^{4-}$; (c) $Ag_{32}Au_{12}(SPhF_2)^{4-}$; (d) $[Ag_{46}Au_{24}(S^tBu)_{32}](BPh_4)_2$ nanoclusters dissolved in dichloromethane solution.

Table S1. Crystal data and structure refinement for $[Ag_{46}Au_{24}(S^tBu)_{32}](BPh_4)_2$ nanoclusters.

Identification code	20141126a	
Empirical formula	C176 H328 Ag46 Au24 B2 S32	
Formula weight	13181.14	
Temperature	150(2) K	
Wavelength	0.71073 Å	
Crystal system	Monoclinic	
Space group	P2(1)/c	
Unit cell dimensions	a = 30.009(3) Å	α= 90
	b = 23.247(2) Å	β= 92.630(3)
	c = 42.895(3) Å	γ = 90
Volume	29893(5) $Å^3$	
Z	4	
Density (calculated)	2.929 Mg/m^3	
Absorption coefficient	14.910 mm^{-1}	
F(000)	23856	
Crystal size	0.24 x 0.22 x 0.20 mm^3	
Theta range for data collection	0.68 to 26.50°.	
Index ranges	-37<=h<=37, 0<=k<=29, 0<=l<=53	
Reflections collected	295735	
Independent reflections	61987 [R(int) = 0.0597]	
Completeness to theta = 26.50	100.0 %	
Absorption correction	Semi-empirical from equivalents	
Max. and min. transmission	0.1544 and 0.1242	
Refinement method	Full-matrix-block least-squares on F^2	
Data / restraints / parameters	61987 / 0 / 2617	
Goodness-of-fit on F^2	1.077	
Final R indices [I>2sigma(I)]	R1 = 0.0584, wR2 = 0.1434	
R indices (all data)	R1 = 0.0596, wR2 = 0.1437	
Largest diff. peak and hole	2.068 and -2.585 $e.^{-3}$	

Table S2. Atomic coordinates ($\times 10^4$) and equivalent isotropic displacement parameters ($Å^2 \times 10^3$) for $[Ag_{46}Au_{24}(S^tBu)_{32}](BPh_4)_2$. U(eq) is defined as one third of the trace of the orthogonalized U^{ij} tensor.

	x	y	z	U(eq)
Ag(1)	2205(1)	8117(1)	1200(1)	25(1)
Ag(2)	2152(1)	5905(1)	542(1)	27(1)
Ag(3)	2788(1)	7270(1)	1302(1)	24(1)
Ag(4)	2797(1)	9488(1)	1961(1)	28(1)
Ag(5)	2448(1)	8481(1)	107(1)	27(1)
Ag(6)	1203(1)	7331(1)	405(1)	28(1)
Ag(7)	1766(1)	5776(1)	1618(1)	27(1)
Ag(8)	3188(1)	9624(1)	881(1)	28(1)
Ag(9)	4163(1)	8194(1)	1058(1)	28(1)
Ag(10)	853(1)	7122(1)	1457(1)	26(1)
Ag(11)	2580(1)	6836(1)	2387(1)	28(1)
Ag(12)	3356(1)	7071(1)	275(1)	28(1)
Ag(13)	3750(1)	8142(1)	2104(1)	29(1)
Ag(14)	1651(1)	8246(1)	2251(1)	28(1)
Ag(15)	3430(1)	8368(1)	432(1)	27(1)
Ag(16)	1576(1)	6956(1)	2072(1)	28(1)
Ag(17)	1329(1)	6284(1)	1017(1)	27(1)
Ag(18)	2092(1)	5757(1)	2272(1)	30(1)
Ag(19)	2193(1)	7066(1)	181(1)	27(1)
Ag(20)	2768(1)	8313(1)	2323(1)	28(1)
Ag(21)	2899(1)	5353(1)	864(1)	29(1)
Ag(22)	2856(1)	5977(1)	112(1)	29(1)
Ag(23)	2033(1)	9998(1)	1620(1)	30(1)
Ag(24)	2090(1)	9343(1)	2416(1)	29(1)
Ag(25)	2932(1)	9572(1)	197(1)	29(1)
Ag(26)	3037(1)	7767(1)	-244(1)	29(1)

Ag(27)	2672(1)	5324(1)	1651(1)	30(1)
Ag(28)	458(1)	7075(1)	835(1)	30(1)
Ag(29)	3632(1)	9123(1)	1493(1)	28(1)
Ag(30)	1729(1)	9237(1)	276(1)	29(1)
Ag(31)	1985(1)	7528(1)	2749(1)	30(1)
Ag(32)	609(1)	8298(1)	1314(1)	28(1)
Ag(33)	2207(1)	9991(1)	843(1)	30(1)
Ag(34)	1341(1)	6145(1)	189(1)	30(1)
Ag(35)	4515(1)	8361(1)	1716(1)	31(1)
Ag(36)	3602(1)	9300(1)	2330(1)	32(1)
Ag(37)	827(1)	5964(1)	1695(1)	29(1)
Ag(38)	960(1)	8630(1)	662(1)	29(1)
Ag(39)	4328(1)	6961(1)	1223(1)	30(1)
Ag(40)	4126(1)	9358(1)	821(1)	31(1)
Ag(41)	1229(1)	9148(1)	1849(1)	30(1)
Ag(42)	4098(1)	6942(1)	1923(1)	31(1)
Ag(43)	3303(1)	6310(1)	1340(1)	29(1)
Ag(44)	3326(1)	6082(1)	2087(1)	31(1)
Ag(45)	3745(1)	6182(1)	708(1)	30(1)
Ag(46)	1633(1)	9013(1)	1180(1)	28(1)
Au(1)	2512(1)	6490(1)	1773(1)	26(1)
Au(2)	1334(1)	7712(1)	1018(1)	26(1)
Au(3)	2626(1)	9235(1)	1320(1)	27(1)
Au(4)	2864(1)	6583(1)	742(1)	26(1)
Au(5)	2111(1)	8773(1)	1769(1)	26(1)
Au(6)	2498(1)	8877(1)	714(1)	26(1)
Au(7)	1990(1)	7012(1)	792(1)	25(1)
Au(8)	1844(1)	8115(1)	547(1)	26(1)
Au(9)	2333(1)	6128(1)	1175(1)	26(1)
Au(10)	1441(1)	8003(1)	1635(1)	26(1)

Au(11)	3537(1)	7353(1)	888(1)	26(1)
Au(12)	3156(1)	7277(1)	1957(1)	26(1)
Au(13)	3216(1)	8429(1)	1062(1)	26(1)
Au(14)	3658(1)	7697(1)	1496(1)	26(1)
Au(15)	2724(1)	7729(1)	604(1)	26(1)
Au(16)	2981(1)	8378(1)	1712(1)	26(1)
Au(17)	2272(1)	7622(1)	1904(1)	26(1)
Au(18)	1786(1)	6959(1)	1441(1)	25(1)
Au(19)	4325(1)	7560(1)	482(1)	29(1)
Au(20)	3445(1)	7284(1)	2636(1)	30(1)
Au(21)	662(1)	7759(1)	2034(1)	29(1)
Au(22)	1565(1)	8072(1)	-141(1)	30(1)
Au(23)	3048(1)	10355(1)	1490(1)	30(1)
Au(24)	1853(1)	5029(1)	991(1)	30(1)
B(1)	9700(5)	7635(7)	3629(4)	40(4)
B(2)	5269(6)	7808(7)	3879(4)	39(4)
C(1)	3744(5)	10650(6)	433(3)	39(3)
C(2)	4183(4)	10800(5)	585(3)	34(3)
C(3)	3738(4)	10814(6)	91(3)	39(3)
C(4)	3447(5)	10983(6)	646(3)	44(3)
C(5)	1830(4)	7128(5)	-693(3)	32(3)
C(6)	2127(4)	6649(5)	-801(3)	32(3)
C(7)	1744(6)	7528(6)	-944(3)	47(4)
C(8)	1388(4)	6849(6)	-625(3)	37(3)
C(9)	564(4)	6660(5)	2557(3)	33(3)
C(10)	681(4)	6077(5)	2662(3)	29(3)
C(11)	705(4)	7081(5)	2791(3)	32(3)
C(12)	63(4)	6694(6)	2524(3)	38(3)
C(13)	3597(4)	6463(6)	-461(3)	37(3)
C(14)	4017(4)	6483(7)	-249(3)	44(4)

C(15)	3518(4)	5866(6)	-593(3)	38(3)
C(16)	3700(5)	6852(7)	-730(4)	51(4)
C(17)	792(4)	9106(5)	-297(3)	32(3)
C(18)	495(4)	8712(5)	-461(3)	33(3)
C(19)	1135(4)	9309(6)	-534(3)	37(3)
C(20)	579(5)	9649(6)	-190(3)	39(3)
C(21)	2546(4)	3864(5)	1161(3)	32(3)
C(22)	2173(5)	3610(6)	1320(3)	44(3)
C(23)	2979(4)	3615(5)	1268(3)	31(3)
C(24)	2452(5)	3769(7)	821(3)	46(4)
C(25)	-81(4)	8889(6)	1963(3)	40(3)
C(26)	-412(4)	8449(6)	1891(3)	38(3)
C(27)	-88(4)	8961(7)	2314(3)	43(3)
C(28)	-201(4)	9449(6)	1820(3)	38(3)
C(29)	1278(5)	10609(6)	2225(3)	38(3)
C(30)	1526(5)	11031(6)	2408(4)	49(4)
C(31)	951(4)	10379(6)	2454(3)	45(4)
C(32)	1097(5)	10923(6)	1939(3)	43(3)
C(33)	245(4)	6668(6)	4(3)	34(3)
C(34)	311(5)	7251(6)	-134(3)	41(3)
C(35)	-212(4)	6654(6)	118(3)	39(3)
C(36)	301(4)	6199(6)	-226(3)	38(3)
C(37)	1253(4)	4654(6)	2080(3)	35(3)
C(38)	1374(4)	4487(6)	2407(3)	38(3)
C(39)	779(4)	4516(5)	1997(3)	37(3)
C(40)	1566(4)	4400(6)	1869(3)	35(3)
C(41)	2189(4)	6176(6)	3102(3)	32(3)
C(42)	2699(4)	6207(6)	3107(3)	40(3)
C(43)	2016(5)	6554(7)	3359(3)	48(4)
C(44)	1962(5)	5610(6)	3135(3)	42(3)

C(45)	2954(5)	10356(6)	2676(3)	38(3)
C(46)	2850(4)	10756(6)	2409(3)	38(3)
C(47)	2640(5)	10526(6)	2921(3)	45(3)
C(48)	3411(5)	10453(7)	2820(4)	49(4)
C(49)	2403(4)	11480(5)	1323(3)	25(2)
C(50)	1980(4)	11758(6)	1201(3)	38(3)
C(51)	2738(5)	11767(6)	1133(3)	44(4)
C(52)	2487(5)	11649(7)	1660(3)	41(3)
C(53)	767(4)	4870(6)	766(3)	33(3)
C(54)	329(4)	5147(6)	636(3)	40(3)
C(55)	868(4)	4363(5)	572(3)	35(3)
C(56)	706(5)	4716(7)	1100(3)	43(3)
C(57)	4682(4)	8793(5)	2525(3)	29(3)
C(58)	4641(5)	8187(6)	2653(3)	37(3)
C(59)	4555(5)	9234(6)	2779(3)	39(3)
C(60)	5132(4)	8901(6)	2432(3)	31(3)
C(61)	1941(5)	5012(6)	-158(3)	35(3)
C(62)	2038(4)	4602(6)	104(3)	39(3)
C(63)	2272(5)	4880(6)	-404(3)	39(3)
C(64)	1472(4)	4931(5)	-302(3)	32(3)
C(65)	4464(4)	8570(5)	-66(3)	34(3)
C(66)	4268(5)	8132(6)	-282(3)	39(3)
C(67)	4367(5)	9180(6)	-161(3)	39(3)
C(68)	4957(4)	8471(6)	-4(3)	38(3)
C(69)	-218(4)	6344(6)	1398(3)	38(3)
C(70)	-313(5)	6959(6)	1552(3)	38(3)
C(71)	-565(4)	6278(6)	1151(4)	44(3)
C(72)	-295(5)	5909(5)	1634(3)	35(3)
C(73)	5075(4)	6485(6)	565(3)	36(3)
C(74)	5395(5)	6967(6)	629(3)	42(3)

C(75)	5190(5)	5951(6)	717(3)	40(3)
C(76)	5077(5)	6448(5)	223(3)	38(3)
C(77)	3696(4)	4729(5)	311(3)	32(3)
C(78)	3756(4)	4334(6)	582(3)	41(3)
C(79)	3448(5)	4401(6)	72(3)	44(3)
C(80)	4159(4)	4892(6)	191(3)	37(3)
C(81)	5192(4)	9020(6)	1100(3)	38(3)
C(82)	5314(5)	8475(6)	957(3)	42(3)
C(83)	5244(5)	9485(6)	871(3)	44(3)
C(84)	5503(5)	9098(6)	1381(4)	46(4)
C(85)	3010(5)	4578(6)	2385(3)	41(3)
C(86)	3519(5)	4523(6)	2410(3)	46(4)
C(87)	2888(5)	4100(6)	2149(3)	44(4)
C(88)	2800(5)	4465(5)	2684(3)	38(3)
C(89)	1377(5)	8755(6)	3029(3)	36(3)
C(90)	999(4)	8751(5)	2789(3)	28(3)
C(91)	1483(5)	9323(6)	3170(3)	39(3)
C(92)	1289(4)	8298(6)	3262(3)	35(3)
C(93)	2858(5)	9096(6)	-622(3)	37(3)
C(94)	2369(4)	9137(5)	-656(3)	33(3)
C(95)	3041(5)	9660(6)	-662(3)	42(3)
C(96)	3025(4)	8695(7)	-861(3)	42(3)
C(97)	4219(4)	6252(6)	2760(3)	35(3)
C(98)	3906(4)	5976(6)	2982(3)	33(3)
C(99)	4496(5)	6690(6)	2920(3)	43(3)
C(100)	4468(4)	5720(6)	2621(3)	40(3)
C(101)	-312(4)	8416(6)	710(3)	38(3)
C(102)	-700(4)	8058(6)	800(4)	42(3)
C(103)	-404(4)	9015(6)	825(3)	37(3)
C(104)	-358(4)	8530(7)	366(3)	44(4)

C(105)	2015(5)	10769(6)	64(3)	42(3)
C(106)	2289(5)	11221(6)	208(4)	50(4)
C(107)	1557(5)	10893(6)	159(3)	40(3)
C(108)	2041(4)	10707(6)	-281(3)	39(3)
C(109)	5320(4)	7034(6)	1817(3)	38(3)
C(110)	5717(5)	7193(7)	1636(3)	46(4)
C(111)	5293(4)	6385(6)	1780(3)	41(3)
C(112)	5379(4)	7107(6)	2159(3)	34(3)
C(113)	4120(5)	10567(6)	1748(3)	40(3)
C(114)	4155(5)	10910(6)	2056(3)	44(3)
C(115)	4569(4)	10305(6)	1708(3)	39(3)
C(116)	4053(5)	11011(6)	1500(3)	44(3)
C(117)	3165(4)	8231(6)	3206(3)	35(3)
C(118)	3610(4)	8492(6)	3164(3)	38(3)
C(119)	2841(4)	8676(7)	3306(3)	45(4)
C(120)	3273(5)	7753(7)	3441(3)	48(4)
C(121)	841(4)	10124(6)	940(3)	37(3)
C(122)	601(5)	9873(6)	1202(3)	45(3)
C(123)	571(4)	10245(6)	658(4)	45(4)
C(124)	1080(4)	10655(6)	1085(3)	40(3)
C(125)	4159(4)	5242(6)	1529(3)	36(3)
C(126)	4395(4)	5069(6)	1822(3)	39(3)
C(127)	3733(4)	4905(6)	1432(3)	40(3)
C(128)	4485(5)	5277(6)	1276(3)	43(3)
C(129)	10081(4)	7132(6)	3590(3)	33(3)
C(130)	9890(4)	6617(5)	3486(3)	34(3)
C(131)	10169(4)	6123(6)	3471(4)	43(3)
C(132)	10615(4)	6158(6)	3560(3)	36(3)
C(133)	10801(5)	6671(6)	3673(3)	42(3)
C(134)	10524(4)	7159(5)	3684(3)	35(3)

C(135)	9375(5)	7696(7)	3334(4)	47(4)
C(136)	9501(5)	7664(6)	3026(3)	43(3)
C(137)	9173(4)	7691(6)	2780(3)	42(3)
C(138)	8712(5)	7710(6)	2804(3)	42(3)
C(139)	8588(5)	7714(6)	3115(3)	39(3)
C(140)	8892(5)	7660(5)	3384(3)	38(3)
C(141)	9456(5)	7545(5)	3969(3)	36(3)
C(142)	9508(4)	7034(6)	4137(3)	38(3)
C(143)	9284(5)	6945(6)	4405(3)	39(3)
C(144)	9002(4)	7360(6)	4511(3)	34(3)
C(145)	8937(5)	7869(6)	4348(3)	39(3)
C(146)	9164(5)	7960(6)	4074(3)	39(3)
C(147)	9986(5)	8267(6)	3666(3)	40(3)
C(148)	10228(4)	8428(6)	3944(3)	35(3)
C(149)	10471(5)	8938(6)	3954(3)	38(3)
C(150)	10482(4)	9342(6)	3723(3)	38(3)
C(151)	10235(4)	9217(6)	3456(3)	37(3)
C(152)	9994(4)	8680(6)	3435(3)	40(3)
C(153)	5466(5)	7862(6)	3526(3)	39(3)
C(154)	5426(4)	7446(6)	3301(3)	35(3)
C(155)	5650(4)	7498(5)	3020(3)	30(3)
C(156)	5923(5)	7968(6)	2968(3)	44(4)
C(157)	5997(5)	8369(6)	3197(3)	40(3)
C(158)	5760(5)	8327(6)	3458(3)	38(3)
C(159)	5626(5)	7720(6)	4152(3)	39(3)
C(160)	6086(5)	7726(6)	4105(3)	40(3)
C(161)	6378(5)	7660(5)	4361(3)	35(3)
C(162)	6272(4)	7568(6)	4678(3)	38(3)
C(163)	5818(4)	7586(6)	4710(3)	38(3)
C(164)	5515(5)	7663(5)	4469(3)	36(3)

C(165)	4911(5)	7281(6)	3870(3)	39(3)
C(166)	5074(5)	6747(6)	3925(3)	38(3)
C(167)	4812(5)	6244(6)	3920(3)	39(3)
C(168)	4350(5)	6308(6)	3861(3)	41(3)
C(169)	4159(5)	6867(6)	3795(3)	41(3)
C(170)	4458(5)	7311(6)	3799(3)	44(3)
C(171)	4968(5)	8461(6)	3918(3)	37(3)
C(172)	4706(4)	8695(6)	3674(3)	39(3)
C(173)	4463(4)	9215(6)	3685(3)	37(3)
C(174)	4508(5)	9544(6)	3962(3)	36(3)
C(175)	4784(4)	9300(6)	4215(3)	40(3)
C(176)	5015(4)	8796(6)	4183(3)	35(3)
S(1)	3669(1)	9889(1)	450(1)	32(1)
S(2)	2079(1)	7463(1)	-352(1)	31(1)
S(3)	789(1)	6801(1)	2181(1)	30(1)
S(4)	3150(1)	6747(1)	-258(1)	31(1)
S(5)	1058(1)	8727(1)	30(1)	32(1)
S(6)	2513(1)	4641(1)	1208(1)	30(1)
S(7)	478(1)	8673(1)	1851(1)	32(1)
S(8)	1586(1)	9990(1)	2091(1)	32(1)
S(9)	644(1)	6561(1)	331(1)	32(1)
S(10)	1329(1)	5447(1)	2057(1)	31(1)
S(11)	1981(1)	6497(1)	2725(1)	32(1)
S(12)	2918(1)	9622(1)	2547(1)	32(1)
S(13)	2391(1)	10717(1)	1269(1)	30(1)
S(14)	1213(1)	5385(1)	727(1)	31(1)
S(15)	4313(1)	8926(1)	2199(1)	32(1)
S(16)	2013(1)	5773(1)	-35(1)	31(1)
S(17)	4214(1)	8503(1)	320(1)	30(1)
S(18)	338(1)	6323(1)	1277(1)	32(1)

S(19)	4513(1)	6666(1)	674(1)	32(1)
S(20)	3405(1)	5359(1)	429(1)	31(1)
S(21)	4628(1)	9021(1)	1229(1)	34(1)
S(22)	2830(1)	5276(1)	2222(1)	33(1)
S(23)	1846(1)	8548(1)	2792(1)	32(1)
S(24)	3049(1)	8809(1)	-238(1)	31(1)
S(25)	3915(1)	6605(1)	2444(1)	32(1)
S(26)	244(1)	8123(1)	797(1)	33(1)
S(27)	2213(1)	10093(1)	258(1)	32(1)
S(28)	4781(1)	7347(1)	1676(1)	33(1)
S(29)	3693(1)	10051(1)	1771(1)	31(1)
S(30)	2924(1)	7873(1)	2846(1)	31(1)
S(31)	1274(1)	9645(1)	829(1)	32(1)
S(32)	4003(1)	5993(1)	1545(1)	33(1)

Table S3. Bond lengths (Å) and angles (°) for $[Ag_{46}Au_{24}(S^tBu)_{32}](BPh_4)_2$.

Ag(1)-Ag(3)	2.6574(12)
Ag(1)-Ag(46)	2.6967(12)
Ag(1)-Au(2)	2.8511(10)
Ag(1)-Au(6)	2.9007(10)
Ag(1)-Au(5)	2.9053(10)
Ag(1)-Au(3)	2.9277(10)
Ag(1)-Au(8)	2.9534(10)
Ag(1)-Au(10)	3.0320(9)
Ag(1)-Au(7)	3.1570(10)
Ag(1)-Au(18)	3.1637(10)
Ag(1)-Au(15)	3.1822(9)
Ag(1)-Au(16)	3.1868(10)

Ag(2)-S(16)	2.508(3)
Ag(2)-Au(4)	2.7601(10)
Ag(2)-Au(9)	2.7928(10)
Ag(2)-Au(7)	2.8385(10)
Ag(2)-Ag(34)	2.8636(14)
Ag(2)-Ag(22)	2.8732(12)
Ag(2)-Ag(21)	2.8800(13)
Ag(2)-Au(24)	2.9690(10)
Ag(2)-Ag(19)	3.1160(13)
Ag(3)-Ag(43)	2.7162(12)
Ag(3)-Au(1)	2.8657(10)
Ag(3)-Au(14)	2.8813(10)
Ag(3)-Au(4)	2.9042(9)
Ag(3)-Au(11)	2.9349(10)
Ag(3)-Au(12)	2.9714(10)
Ag(3)-Au(9)	3.0246(10)
Ag(3)-Au(16)	3.1573(10)
Ag(3)-Au(15)	3.1752(10)
Ag(3)-Au(18)	3.1760(10)
Ag(3)-Au(13)	3.1763(10)
Ag(4)-S(12)	2.542(3)
Ag(4)-Au(5)	2.7443(10)
Ag(4)-Au(3)	2.8360(10)
Ag(4)-Au(16)	2.8567(10)
Ag(4)-Ag(36)	2.8597(13)
Ag(4)-Ag(23)	2.9151(13)
Ag(4)-Ag(24)	2.9643(13)
Ag(4)-Au(23)	2.9754(11)
Ag(4)-Ag(20)	3.1458(13)
Ag(5)-S(24)	2.505(3)

Ag(5)-Au(6)	2.7577(10)
Ag(5)-Au(8)	2.8080(10)
Ag(5)-Au(15)	2.8505(10)
Ag(5)-Ag(26)	2.8955(13)
Ag(5)-Ag(30)	2.8997(13)
Ag(5)-Ag(25)	2.9405(13)
Ag(5)-Au(22)	2.9659(11)
Ag(5)-Ag(15)	3.2125(13)
Ag(6)-S(9)	2.465(3)
Ag(6)-Au(8)	2.6992(10)
Ag(6)-Au(2)	2.7867(10)
Ag(6)-Au(7)	2.9185(10)
Ag(6)-Ag(34)	2.9436(13)
Ag(6)-Ag(28)	3.0223(13)
Ag(6)-Au(22)	3.1397(10)
Ag(6)-Ag(19)	3.2236(13)
Ag(6)-Ag(38)	3.3082(13)
Ag(7)-S(10)	2.466(3)
Ag(7)-Au(9)	2.7342(10)
Ag(7)-Au(1)	2.8433(10)
Ag(7)-Au(18)	2.8542(10)
Ag(7)-Ag(37)	2.8851(13)
Ag(7)-Ag(27)	2.9129(13)
Ag(7)-Ag(18)	2.9298(13)
Ag(7)-Ag(17)	3.0724(13)
Ag(7)-Au(24)	3.2229(10)
Ag(8)-S(1)	2.477(3)
Ag(8)-Au(3)	2.7372(10)
Ag(8)-Au(6)	2.7720(10)
Ag(8)-Au(13)	2.8836(10)

Ag(8)-Ag(40)	2.9053(13)
Ag(8)-Ag(25)	3.0037(13)
Ag(8)-Ag(33)	3.0633(13)
Ag(8)-Ag(29)	3.1125(13)
Ag(8)-Au(23)	3.1598(10)
Ag(9)-S(21)	2.466(3)
Ag(9)-Au(14)	2.7249(10)
Ag(9)-Au(11)	2.7856(10)
Ag(9)-Ag(40)	2.8908(13)
Ag(9)-Au(13)	2.8946(10)
Ag(9)-Au(19)	2.9342(10)
Ag(9)-Ag(39)	2.9876(13)
Ag(9)-Ag(35)	2.9943(13)
Ag(9)-Ag(29)	3.3083(13)
Ag(10)-S(18)	2.515(3)
Ag(10)-Au(2)	2.7837(9)
Ag(10)-Au(10)	2.7878(10)
Ag(10)-Au(18)	2.8278(10)
Ag(10)-Ag(28)	2.8694(13)
Ag(10)-Ag(37)	2.8812(13)
Ag(10)-Ag(32)	2.8897(13)
Ag(10)-Au(21)	2.9628(10)
Ag(10)-Ag(17)	3.1030(12)
Ag(10)-Ag(16)	3.3620(13)
Ag(11)-S(11)	2.489(3)
Ag(11)-Au(1)	2.7490(10)
Ag(11)-Au(12)	2.7801(10)
Ag(11)-Au(17)	2.8817(10)
Ag(11)-Ag(31)	2.9068(13)
Ag(11)-Ag(18)	2.9345(13)

Ag(11)-Au(20)	2.9509(11)
Ag(11)-Ag(44)	3.1631(13)
Ag(11)-Ag(16)	3.2544(13)
Ag(12)-S(4)	2.459(3)
Ag(12)-Au(11)	2.7420(10)
Ag(12)-Au(4)	2.7831(10)
Ag(12)-Au(15)	2.8611(10)
Ag(12)-Ag(26)	2.8779(14)
Ag(12)-Ag(45)	2.9816(14)
Ag(12)-Ag(22)	3.0167(13)
Ag(12)-Ag(15)	3.0953(13)
Ag(12)-Au(19)	3.2111(11)
Ag(13)-S(15)	2.505(3)
Ag(13)-Au(12)	2.7394(10)
Ag(13)-Au(14)	2.8070(10)
Ag(13)-Au(16)	2.8471(10)
Ag(13)-Ag(36)	2.9026(13)
Ag(13)-Ag(35)	2.9416(14)
Ag(13)-Ag(42)	3.0911(13)
Ag(13)-Ag(20)	3.1589(13)
Ag(13)-Au(20)	3.1944(11)
Ag(14)-S(23)	2.472(3)
Ag(14)-Au(10)	2.7450(10)
Ag(14)-Au(5)	2.8157(10)
Ag(14)-Au(17)	2.8364(10)
Ag(14)-Ag(31)	2.8578(14)
Ag(14)-Ag(24)	2.9440(13)
Ag(14)-Ag(41)	2.9606(13)
Ag(14)-Ag(16)	3.1005(13)
Ag(14)-Au(21)	3.2714(11)

Ag(14)-Ag(20)	3.3562(13)
Ag(15)-S(17)	2.443(3)
Ag(15)-Au(15)	2.7185(10)
Ag(15)-Au(13)	2.8136(10)
Ag(15)-Au(11)	3.0734(10)
Ag(15)-Au(19)	3.2747(10)
Ag(15)-Ag(25)	3.3092(13)
Ag(15)-Au(6)	3.3183(10)
Ag(15)-Ag(26)	3.3784(13)
Ag(16)-S(3)	2.455(3)
Ag(16)-Au(17)	2.7234(10)
Ag(16)-Au(18)	2.8096(10)
Ag(16)-Au(10)	3.0890(10)
Ag(16)-Ag(18)	3.2816(13)
Ag(16)-Au(21)	3.3175(11)
Ag(16)-Au(1)	3.3224(10)
Ag(16)-Ag(31)	3.3728(13)
Ag(17)-S(14)	2.449(3)
Ag(17)-Au(18)	2.7221(10)
Ag(17)-Au(7)	2.8137(10)
Ag(17)-Au(9)	3.0802(10)
Ag(17)-Ag(28)	3.2605(13)
Ag(17)-Au(24)	3.3194(10)
Ag(17)-Au(2)	3.3204(11)
Ag(18)-S(22)	2.499(3)
Ag(18)-S(10)	2.535(3)
Ag(18)-S(11)	2.627(3)
Ag(18)-Au(1)	3.0516(10)
Ag(19)-S(2)	2.474(3)
Ag(19)-Au(7)	2.7191(10)

Ag(19)-Au(15)	2.8188(10)
Ag(19)-Au(8)	3.1097(10)
Ag(19)-Ag(22)	3.2411(13)
Ag(19)-Au(4)	3.2642(10)
Ag(19)-Au(22)	3.2704(10)
Ag(19)-Ag(34)	3.3375(13)
Ag(20)-S(30)	2.487(3)
Ag(20)-Au(16)	2.7315(10)
Ag(20)-Au(17)	2.7921(10)
Ag(20)-Au(12)	3.1295(10)
Ag(20)-Ag(24)	3.1780(12)
Ag(20)-Au(5)	3.2012(10)
Ag(20)-Au(20)	3.3754(10)
Ag(21)-S(20)	2.459(3)
Ag(21)-S(6)	2.532(3)
Ag(21)-Au(9)	2.8484(9)
Ag(21)-Au(4)	2.9088(10)
Ag(21)-Ag(43)	3.2209(13)
Ag(21)-Ag(45)	3.2820(14)
Ag(21)-Au(24)	3.2958(11)
Ag(22)-S(20)	2.535(3)
Ag(22)-S(4)	2.573(3)
Ag(22)-S(16)	2.623(3)
Ag(22)-Au(4)	3.0472(10)
Ag(23)-S(8)	2.476(3)
Ag(23)-S(13)	2.521(3)
Ag(23)-Au(3)	2.8586(10)
Ag(23)-Au(5)	2.9268(10)
Ag(23)-Ag(46)	3.1689(14)
Ag(23)-Au(23)	3.2288(11)

Ag(23)-Ag(41)	3.3047(14)
Ag(24)-S(8)	2.510(3)
Ag(24)-S(23)	2.584(3)
Ag(24)-S(12)	2.605(3)
Ag(24)-Au(5)	3.0757(10)
Ag(25)-S(27)	2.498(3)
Ag(25)-S(1)	2.527(3)
Ag(25)-S(24)	2.609(3)
Ag(25)-Au(6)	3.0819(10)
Ag(26)-S(4)	2.399(3)
Ag(26)-S(24)	2.422(3)
Ag(27)-S(22)	2.476(3)
Ag(27)-S(6)	2.505(3)
Ag(27)-Au(1)	2.8064(10)
Ag(27)-Au(9)	2.9159(10)
Ag(27)-Ag(44)	3.1792(13)
Ag(27)-Ag(43)	3.2942(14)
Ag(28)-S(26)	2.523(3)
Ag(28)-S(9)	2.557(3)
Ag(28)-S(18)	2.614(3)
Ag(28)-Au(2)	3.0862(10)
Ag(29)-S(29)	2.469(3)
Ag(29)-Au(13)	2.7107(10)
Ag(29)-Au(16)	2.8056(10)
Ag(29)-Au(3)	3.0859(11)
Ag(29)-Ag(35)	3.2931(13)
Ag(29)-Au(14)	3.3140(11)
Ag(29)-Ag(40)	3.3435(13)
Ag(29)-Au(23)	3.3585(10)
Ag(30)-S(27)	2.468(3)

Ag(30)-S(5)	2.525(3)
Ag(30)-Au(8)	2.8710(10)
Ag(30)-S(31)	2.950(3)
Ag(30)-Au(6)	3.0260(10)
Ag(30)-Ag(38)	3.2277(13)
Ag(30)-Au(22)	3.2682(11)
Ag(30)-Ag(33)	3.2752(13)
Ag(31)-S(11)	2.397(3)
Ag(31)-S(23)	2.417(3)
Ag(31)-S(30)	2.942(3)
Ag(32)-S(26)	2.463(3)
Ag(32)-S(7)	2.508(3)
Ag(32)-Au(10)	2.8793(10)
Ag(32)-Au(2)	2.9074(10)
Ag(32)-Ag(38)	3.1304(13)
Ag(32)-Au(21)	3.3275(10)
Ag(33)-S(27)	2.520(3)
Ag(33)-S(13)	2.530(3)
Ag(33)-Au(6)	2.7956(10)
Ag(33)-S(31)	2.911(3)
Ag(33)-Au(3)	2.9382(10)
Ag(33)-Ag(46)	3.2337(13)
Ag(34)-S(9)	2.407(3)
Ag(34)-S(16)	2.431(3)
Ag(34)-S(14)	2.946(3)
Ag(35)-S(28)	2.496(3)
Ag(35)-S(15)	2.548(3)
Ag(35)-S(21)	2.628(3)
Ag(35)-Au(14)	3.1071(10)
Ag(36)-S(15)	2.394(3)

Ag(36)-S(12)	2.411(3)
Ag(37)-S(18)	2.416(3)
Ag(37)-S(10)	2.430(3)
Ag(37)-S(3)	2.855(3)
Ag(38)-S(26)	2.539(3)
Ag(38)-S(31)	2.627(3)
Ag(38)-S(5)	2.750(3)
Ag(38)-Au(2)	2.8260(10)
Ag(38)-Au(8)	2.9721(10)
Ag(38)-Ag(46)	3.0635(14)
Ag(39)-S(28)	2.487(3)
Ag(39)-S(19)	2.539(3)
Ag(39)-S(32)	2.836(3)
Ag(39)-Au(11)	2.8652(10)
Ag(39)-Au(14)	2.9255(10)
Ag(39)-Ag(42)	3.1116(13)
Ag(39)-Ag(45)	3.2948(13)
Ag(40)-S(21)	2.387(3)
Ag(40)-S(1)	2.399(3)
Ag(40)-S(17)	2.949(3)
Ag(41)-S(8)	2.441(3)
Ag(41)-S(7)	2.510(3)
Ag(41)-Au(5)	2.8209(10)
Ag(41)-Au(10)	2.8955(10)
Ag(41)-Ag(46)	3.1838(13)
Ag(42)-S(25)	2.456(3)
Ag(42)-S(28)	2.530(3)
Ag(42)-S(32)	2.743(3)
Ag(42)-Au(14)	2.8198(10)
Ag(42)-Au(12)	2.9418(10)

Ag(42)-Ag(44)	3.1648(14)
Ag(43)-S(32)	2.357(3)
Ag(43)-Au(4)	2.9012(10)
Ag(43)-Au(9)	2.9950(11)
Ag(43)-Ag(45)	3.0864(13)
Ag(43)-Au(1)	3.1092(10)
Ag(43)-Au(11)	3.2026(10)
Ag(43)-Ag(44)	3.2433(13)
Ag(44)-S(22)	2.478(3)
Ag(44)-S(25)	2.589(3)
Ag(44)-Au(12)	2.8752(10)
Ag(44)-Au(1)	2.8910(10)
Ag(45)-S(20)	2.454(3)
Ag(45)-S(19)	2.575(3)
Ag(45)-Au(4)	2.8124(10)
Ag(45)-Au(11)	2.9044(10)
Ag(46)-S(31)	2.330(3)
Ag(46)-Au(5)	2.9040(10)
Ag(46)-Au(3)	3.0581(11)
Ag(46)-Au(10)	3.1241(10)
Ag(46)-Au(2)	3.2194(11)
Ag(46)-Au(6)	3.3611(10)
Au(1)-Au(9)	2.7325(7)
Au(1)-Au(12)	2.7507(7)
Au(1)-Au(18)	2.7745(6)
Au(1)-Au(17)	2.7920(7)
Au(2)-Au(10)	2.7341(7)
Au(2)-Au(8)	2.7545(6)
Au(2)-Au(7)	2.7666(6)
Au(2)-Au(18)	2.8215(6)

Au(3)-Au(6)	2.7417(7)
Au(3)-Au(5)	2.7457(7)
Au(3)-Au(16)	2.7857(7)
Au(3)-Au(13)	2.8370(6)
Au(3)-Au(23)	2.9697(7)
Au(4)-Au(9)	2.7170(7)
Au(4)-Au(11)	2.7492(7)
Au(4)-Au(15)	2.7577(7)
Au(4)-Au(7)	2.8234(7)
Au(5)-Au(10)	2.7322(7)
Au(5)-Au(17)	2.7746(7)
Au(5)-Au(16)	2.7892(7)
Au(6)-Au(8)	2.7137(7)
Au(6)-Au(13)	2.7715(7)
Au(6)-Au(15)	2.7982(7)
Au(7)-Au(8)	2.7974(7)
Au(7)-Au(9)	2.7985(6)
Au(7)-Au(18)	2.8802(6)
Au(7)-Au(15)	2.9039(7)
Au(8)-Au(15)	2.7886(7)
Au(8)-Au(22)	3.0325(7)
Au(9)-Au(18)	2.8118(6)
Au(9)-Au(24)	3.0191(7)
Au(10)-Au(18)	2.7810(6)
Au(10)-Au(17)	2.8390(7)
Au(10)-Au(21)	3.0141(7)
Au(11)-Au(14)	2.7380(7)
Au(11)-Au(13)	2.7948(6)
Au(11)-Au(15)	2.8161(7)
Au(11)-Au(19)	3.0368(7)

Au(12)-Au(14)	2.7204(6)
Au(12)-Au(17)	2.7726(7)
Au(12)-Au(16)	2.8076(7)
Au(12)-Au(20)	2.9998(7)
Au(13)-Au(14)	2.8089(6)
Au(13)-Au(15)	2.9027(7)
Au(13)-Au(16)	2.9083(7)
Au(14)-Au(16)	2.7694(6)
Au(16)-Au(17)	2.9078(7)
Au(17)-Au(18)	2.8603(7)
Au(19)-S(19)	2.296(3)
Au(19)-S(17)	2.319(3)
Au(20)-S(30)	2.291(3)
Au(20)-S(25)	2.296(3)
Au(21)-S(7)	2.324(3)
Au(21)-S(3)	2.340(3)
Au(22)-S(5)	2.296(3)
Au(22)-S(2)	2.310(3)
Au(23)-S(13)	2.308(3)
Au(23)-S(29)	2.340(3)
Au(24)-S(6)	2.332(3)
Au(24)-S(14)	2.336(3)
B(1)-C(135)	1.570(17)
B(1)-C(129)	1.648(17)
B(1)-C(141)	1.677(16)
B(1)-C(147)	1.706(17)
B(2)-C(159)	1.563(17)
B(2)-C(165)	1.629(16)
B(2)-C(153)	1.659(15)
B(2)-C(171)	1.778(17)

C(1)-C(2)	1.484(18)
C(1)-C(3)	1.516(18)
C(1)-C(4)	1.52(2)
C(1)-S(1)	1.786(13)
C(2)-H(2A)	0.9600
C(2)-H(2B)	0.9600
C(2)-H(2C)	0.9600
C(3)-H(3A)	0.9600
C(3)-H(3B)	0.9600
C(3)-H(3C)	0.9600
C(4)-H(4A)	0.9600
C(4)-H(4B)	0.9600
C(4)-H(4C)	0.9600
C(5)-C(7)	1.435(16)
C(5)-C(6)	1.511(17)
C(5)-C(8)	1.517(17)
C(5)-S(2)	1.792(13)
C(6)-H(6A)	0.9600
C(6)-H(6B)	0.9600
C(6)-H(6C)	0.9600
C(7)-H(7A)	0.9600
C(7)-H(7B)	0.9600
C(7)-H(7C)	0.9600
C(8)-H(8D)	0.9600
C(8)-H(8E)	0.9600
C(8)-H(8F)	0.9600
C(9)-C(11)	1.450(17)
C(9)-C(10)	1.466(17)
C(9)-C(12)	1.508(18)
C(9)-S(3)	1.809(12)

C(10)-H(10A)	0.9600
C(10)-H(10B)	0.9600
C(10)-H(10C)	0.9600
C(11)-H(11A)	0.9600
C(11)-H(11B)	0.9600
C(11)-H(11C)	0.9600
C(12)-H(12A)	0.9600
C(12)-H(12B)	0.9600
C(12)-H(12C)	0.9600
C(13)-C(16)	1.508(19)
C(13)-C(15)	1.513(18)
C(13)-C(14)	1.519(19)
C(13)-S(4)	1.762(12)
C(14)-H(14A)	0.9600
C(14)-H(14B)	0.9600
C(14)-H(14C)	0.9600
C(15)-H(15A)	0.9600
C(15)-H(15B)	0.9600
C(15)-H(15C)	0.9600
C(16)-H(16A)	0.9600
C(16)-H(16B)	0.9600
C(16)-H(16C)	0.9600
C(17)-C(18)	1.440(17)
C(17)-C(20)	1.495(18)
C(17)-C(19)	1.554(17)
C(17)-S(5)	1.812(12)
C(18)-H(18A)	0.9600
C(18)-H(18B)	0.9600
C(18)-H(18C)	0.9600
C(19)-H(19A)	0.9600

C(19)-H(19B)	0.9600
C(19)-H(19C)	0.9600
C(20)-H(20A)	0.9600
C(20)-H(20B)	0.9600
C(20)-H(20C)	0.9600
C(21)-C(22)	1.461(17)
C(21)-C(23)	1.478(18)
C(21)-C(24)	1.486(17)
C(21)-S(6)	1.821(13)
C(22)-H(22A)	0.9600
C(22)-H(22B)	0.9600
C(22)-H(22C)	0.9600
C(23)-H(23A)	0.9600
C(23)-H(23B)	0.9600
C(23)-H(23C)	0.9600
C(24)-H(24A)	0.9600
C(24)-H(24B)	0.9600
C(24)-H(24C)	0.9600
C(25)-C(26)	1.451(19)
C(25)-C(28)	1.48(2)
C(25)-C(27)	1.516(19)
C(25)-S(7)	1.837(12)
C(26)-H(26A)	0.9600
C(26)-H(26B)	0.9600
C(26)-H(26C)	0.9600
C(27)-H(27A)	0.9600
C(27)-H(27B)	0.9600
C(27)-H(27C)	0.9600
C(28)-H(28A)	0.9600
C(28)-H(28B)	0.9600

C(28)-H(28C)	0.9600
C(29)-C(30)	1.44(2)
C(29)-C(32)	1.506(18)
C(29)-C(31)	1.518(19)
C(29)-S(8)	1.819(12)
C(30)-H(30A)	0.9600
C(30)-H(30B)	0.9600
C(30)-H(30C)	0.9600
C(31)-H(31A)	0.9600
C(31)-H(31B)	0.9600
C(31)-H(31C)	0.9600
C(32)-H(32A)	0.9600
C(32)-H(32B)	0.9600
C(32)-H(32C)	0.9600
C(33)-C(35)	1.477(17)
C(33)-C(36)	1.485(17)
C(33)-C(34)	1.493(18)
C(33)-S(9)	1.819(12)
C(34)-H(34A)	0.9600
C(34)-H(34B)	0.9600
C(34)-H(34C)	0.9600
C(35)-H(35A)	0.9600
C(35)-H(35B)	0.9600
C(35)-H(35C)	0.9600
C(36)-H(36A)	0.9600
C(36)-H(36B)	0.9600
C(36)-H(36C)	0.9600
C(37)-C(40)	1.457(18)
C(37)-C(38)	1.485(17)
C(37)-C(39)	1.486(17)

C(37)-S(10)	1.860(13)
C(38)-H(38A)	0.9600
C(38)-H(38B)	0.9600
C(38)-H(38C)	0.9600
C(39)-H(39A)	0.9600
C(39)-H(39B)	0.9600
C(39)-H(39C)	0.9600
C(40)-H(40A)	0.9600
C(40)-H(40B)	0.9600
C(40)-H(40C)	0.9600
C(41)-C(44)	1.491(17)
C(41)-C(43)	1.520(17)
C(41)-C(42)	1.532(17)
C(41)-S(11)	1.865(13)
C(42)-H(42A)	0.9600
C(42)-H(42B)	0.9600
C(42)-H(42C)	0.9600
C(43)-H(43A)	0.9600
C(43)-H(43B)	0.9600
C(43)-H(43C)	0.9600
C(44)-H(44A)	0.9600
C(44)-H(44B)	0.9600
C(44)-H(44C)	0.9600
C(45)-C(47)	1.496(19)
C(45)-C(46)	1.497(19)
C(45)-C(48)	1.497(18)
C(45)-S(12)	1.797(13)
C(46)-H(46A)	0.9600
C(46)-H(46B)	0.9600
C(46)-H(46C)	0.9600

C(47)-H(47A)	0.9600
C(47)-H(47B)	0.9600
C(47)-H(47C)	0.9600
C(48)-H(48A)	0.9600
C(48)-H(48B)	0.9600
C(48)-H(48C)	0.9600
C(49)-C(51)	1.482(16)
C(49)-C(50)	1.498(16)
C(49)-C(52)	1.507(16)
C(49)-S(13)	1.790(12)
C(50)-H(50A)	0.9600
C(50)-H(50B)	0.9600
C(50)-H(50C)	0.9600
C(51)-H(51A)	0.9600
C(51)-H(51B)	0.9600
C(51)-H(51C)	0.9600
C(52)-H(52A)	0.9600
C(52)-H(52B)	0.9600
C(52)-H(52C)	0.9600
C(53)-C(55)	1.483(17)
C(53)-C(56)	1.496(17)
C(53)-C(54)	1.546(18)
C(53)-S(14)	1.809(12)
C(54)-H(54A)	0.9600
C(54)-H(54B)	0.9600
C(54)-H(54C)	0.9600
C(55)-H(55A)	0.9600
C(55)-H(55B)	0.9600
C(55)-H(55C)	0.9600
C(56)-H(56A)	0.9600

C(56)-H(56B)	0.9600
C(56)-H(56C)	0.9600
C(57)-C(60)	1.446(16)
C(57)-C(58)	1.519(17)
C(57)-C(59)	1.555(17)
C(57)-S(15)	1.774(12)
C(58)-H(58A)	0.9600
C(58)-H(58B)	0.9600
C(58)-H(58C)	0.9600
C(59)-H(59A)	0.9600
C(59)-H(59B)	0.9600
C(59)-H(59C)	0.9600
C(60)-H(60A)	0.9600
C(60)-H(60B)	0.9600
C(60)-H(60C)	0.9600
C(61)-C(62)	1.494(18)
C(61)-C(63)	1.513(17)
C(61)-C(64)	1.521(18)
C(61)-S(16)	1.855(13)
C(62)-H(62A)	0.9600
C(62)-H(62B)	0.9600
C(62)-H(62C)	0.9600
C(63)-H(63A)	0.9600
C(63)-H(63B)	0.9600
C(63)-H(63C)	0.9600
C(64)-H(64A)	0.9600
C(64)-H(64B)	0.9600
C(64)-H(64C)	0.9600
C(65)-C(66)	1.481(18)
C(65)-C(67)	1.499(17)

C(65)-C(68)	1.508(18)
C(65)-S(17)	1.856(12)
C(66)-H(66A)	0.9600
C(66)-H(66B)	0.9600
C(66)-H(66C)	0.9600
C(67)-H(67A)	0.9600
C(67)-H(67B)	0.9600
C(67)-H(67C)	0.9600
C(68)-H(68A)	0.9600
C(68)-H(68B)	0.9600
C(68)-H(68C)	0.9600
C(69)-C(72)	1.457(18)
C(69)-C(71)	1.459(18)
C(69)-C(70)	1.607(19)
C(69)-S(18)	1.769(13)
C(70)-H(70A)	0.9600
C(70)-H(70B)	0.9600
C(70)-H(70C)	0.9600
C(71)-H(71A)	0.9600
C(71)-H(71B)	0.9600
C(71)-H(71C)	0.9600
C(72)-H(72A)	0.9600
C(72)-H(72B)	0.9600
C(72)-H(72C)	0.9600
C(73)-C(75)	1.439(17)
C(73)-C(76)	1.472(18)
C(73)-C(74)	1.492(19)
C(73)-S(19)	1.818(12)
C(74)-H(74A)	0.9600
C(74)-H(74B)	0.9600

C(74)-H(74C)	0.9600
C(75)-H(75A)	0.9600
C(75)-H(75B)	0.9600
C(75)-H(75C)	0.9600
C(76)-H(76A)	0.9600
C(76)-H(76B)	0.9600
C(76)-H(76C)	0.9600
C(77)-C(79)	1.456(18)
C(77)-C(78)	1.484(17)
C(77)-C(80)	1.551(17)
C(77)-S(20)	1.792(12)
C(78)-H(78A)	0.9600
C(78)-H(78B)	0.9600
C(78)-H(78C)	0.9600
C(79)-H(79A)	0.9600
C(79)-H(79B)	0.9600
C(79)-H(79C)	0.9600
C(80)-H(80A)	0.9600
C(80)-H(80B)	0.9600
C(80)-H(80C)	0.9600
C(81)-C(82)	1.461(19)
C(81)-C(83)	1.473(19)
C(81)-C(84)	1.501(18)
C(81)-S(21)	1.804(14)
C(82)-H(82A)	0.9600
C(82)-H(82B)	0.9600
C(82)-H(82C)	0.9600
C(83)-H(83A)	0.9600
C(83)-H(83B)	0.9600
C(83)-H(83C)	0.9600

C(84)-H(84A)	0.9600
C(84)-H(84B)	0.9600
C(84)-H(84C)	0.9600
C(85)-C(88)	1.479(19)
C(85)-C(86)	1.53(2)
C(85)-C(87)	1.535(19)
C(85)-S(22)	1.838(13)
C(86)-H(86A)	0.9600
C(86)-H(86B)	0.9600
C(86)-H(86C)	0.9600
C(87)-H(87A)	0.9600
C(87)-H(87B)	0.9600
C(87)-H(87C)	0.9600
C(88)-H(88A)	0.9600
C(88)-H(88B)	0.9600
C(88)-H(88C)	0.9600
C(89)-C(91)	1.480(18)
C(89)-C(92)	1.490(18)
C(89)-C(90)	1.498(18)
C(89)-S(23)	1.835(12)
C(90)-H(90A)	0.9600
C(90)-H(90B)	0.9600
C(90)-H(90C)	0.9600
C(91)-H(91A)	0.9600
C(91)-H(91B)	0.9600
C(91)-H(91C)	0.9600
C(92)-H(92A)	0.9600
C(92)-H(92B)	0.9600
C(92)-H(92C)	0.9600
C(93)-C(95)	1.436(18)

C(93)-C(94)	1.471(18)
C(93)-C(96)	1.487(19)
C(93)-S(24)	1.846(13)
C(94)-H(94A)	0.9600
C(94)-H(94B)	0.9600
C(94)-H(94C)	0.9600
C(95)-H(95A)	0.9600
C(95)-H(95B)	0.9600
C(95)-H(95C)	0.9600
C(96)-H(96A)	0.9600
C(96)-H(96B)	0.9600
C(96)-H(96C)	0.9600
C(97)-C(99)	1.466(19)
C(97)-C(98)	1.512(18)
C(97)-C(100)	1.577(18)
C(97)-S(25)	1.796(12)
C(98)-H(98A)	0.9600
C(98)-H(98B)	0.9600
C(98)-H(98C)	0.9600
C(99)-H(99A)	0.9600
C(99)-H(99B)	0.9600
C(99)-H(99C)	0.9600
C(100)-H(10D)	0.9600
C(100)-H(10E)	0.9600
C(100)-H(10F)	0.9600
C(101)-C(102)	1.497(19)
C(101)-C(104)	1.498(18)
C(101)-C(103)	1.506(19)
C(101)-S(26)	1.825(13)
C(102)-H(10G)	0.9600

C(102)-H(10H)	0.9600
C(102)-H(10I)	0.9600
C(103)-H(10J)	0.9600
C(103)-H(10K)	0.9600
C(103)-H(10L)	0.9600
C(104)-H(10M)	0.9600
C(104)-H(10N)	0.9600
C(104)-H(10O)	0.9600
C(105)-C(106)	1.45(2)
C(105)-C(107)	1.480(19)
C(105)-C(108)	1.492(19)
C(105)-S(27)	1.862(13)
C(106)-H(10P)	0.9600
C(106)-H(10Q)	0.9600
C(106)-H(10R)	0.9600
C(107)-H(10S)	0.9600
C(107)-H(10T)	0.9600
C(107)-H(10U)	0.9600
C(108)-H(10V)	0.9600
C(108)-H(10W)	0.9600
C(108)-H(10$)	0.9600
C(109)-C(112)	1.479(17)
C(109)-C(110)	1.498(19)
C(109)-C(111)	1.517(19)
C(109)-S(28)	1.852(13)
C(110)-H(11D)	0.9600
C(110)-H(11E)	0.9600
C(110)-H(11F)	0.9600
C(111)-H(11G)	0.9600
C(111)-H(11H)	0.9600

C(111)-H(11I)	0.9600
C(112)-H(11J)	0.9600
C(112)-H(11K)	0.9600
C(112)-H(11L)	0.9600
C(113)-C(116)	1.489(19)
C(113)-C(115)	1.493(19)
C(113)-C(114)	1.545(18)
C(113)-S(29)	1.763(14)
C(114)-H(11M)	0.9600
C(114)-H(11N)	0.9600
C(114)-H(11O)	0.9600
C(115)-H(11P)	0.9600
C(115)-H(11Q)	0.9600
C(115)-H(11R)	0.9600
C(116)-H(11S)	0.9600
C(116)-H(11T)	0.9600
C(116)-H(11U)	0.9600
C(117)-C(118)	1.485(18)
C(117)-C(119)	1.496(18)
C(117)-C(120)	1.526(19)
C(117)-S(30)	1.871(12)
C(118)-H(11V)	0.9600
C(118)-H(11W)	0.9600
C(118)-H(111)	0.9600
C(119)-H(11$)	0.9600
C(119)-H(112)	0.9600
C(119)-H(113)	0.9600
C(120)-H(12D)	0.9600
C(120)-H(12E)	0.9600
C(120)-H(12F)	0.9600

C(121)-C(123)	1.451(17)
C(121)-C(122)	1.49(2)
C(121)-C(124)	1.542(19)
C(121)-S(31)	1.791(13)
C(122)-H(12G)	0.9600
C(122)-H(12H)	0.9600
C(122)-H(12I)	0.9600
C(123)-H(12J)	0.9600
C(123)-H(12K)	0.9600
C(123)-H(12L)	0.9600
C(124)-H(12M)	0.9600
C(124)-H(12N)	0.9600
C(124)-H(12O)	0.9600
C(125)-C(126)	1.471(17)
C(125)-C(128)	1.496(18)
C(125)-C(127)	1.540(19)
C(125)-S(32)	1.810(13)
C(126)-H(12P)	0.9600
C(126)-H(12Q)	0.9600
C(126)-H(12R)	0.9600
C(127)-H(12S)	0.9600
C(127)-H(12T)	0.9600
C(127)-H(12U)	0.9600
C(128)-H(12V)	0.9600
C(128)-H(12W)	0.9600
C(128)-H(12$)	0.9600
C(129)-C(134)	1.375(17)
C(129)-C(130)	1.391(18)
C(130)-C(131)	1.423(19)
C(130)-H(130)	0.9300

C(131)-C(132)	1.378(19)
C(131)-H(131)	0.9300
C(132)-C(133)	1.395(19)
C(132)-H(132)	0.9300
C(133)-C(134)	1.408(18)
C(133)-H(133)	0.9300
C(134)-H(134)	0.9300
C(135)-C(136)	1.39(2)
C(135)-C(140)	1.478(19)
C(136)-C(137)	1.409(19)
C(136)-H(136)	0.9300
C(137)-C(138)	1.392(18)
C(137)-H(137)	0.9300
C(138)-C(139)	1.402(18)
C(138)-H(138)	0.9300
C(139)-C(140)	1.443(19)
C(139)-H(139)	0.9300
C(140)-H(140)	0.9300
C(141)-C(146)	1.390(18)
C(141)-C(142)	1.392(18)
C(142)-C(143)	1.375(18)
C(142)-H(142)	0.9300
C(143)-C(144)	1.375(18)
C(143)-H(143)	0.9300
C(144)-C(145)	1.385(19)
C(144)-H(144)	0.9300
C(145)-C(146)	1.406(18)
C(145)-H(145)	0.9300
C(146)-H(146)	0.9300
C(147)-C(152)	1.380(18)

C(147)-C(148)	1.42(2)
C(148)-C(149)	1.392(18)
C(148)-H(148)	0.9300
C(149)-C(150)	1.366(19)
C(149)-H(149)	0.9300
C(150)-C(151)	1.366(19)
C(150)-H(150)	0.9300
C(151)-C(152)	1.443(19)
C(151)-H(151)	0.9300
C(152)-H(152)	0.9300
C(153)-C(154)	1.367(18)
C(153)-C(158)	1.432(18)
C(154)-C(155)	1.412(17)
C(154)-H(154)	0.9300
C(155)-C(156)	1.389(18)
C(155)-H(155)	0.9300
C(156)-C(157)	1.363(18)
C(156)-H(156)	0.9300
C(157)-C(158)	1.360(18)
C(157)-H(157)	0.9300
C(158)-H(158)	0.9300
C(159)-C(160)	1.407(19)
C(159)-C(164)	1.421(18)
C(160)-C(161)	1.380(19)
C(160)-H(160)	0.9300
C(161)-C(162)	1.429(17)
C(161)-H(161)	0.9300
C(162)-C(163)	1.374(18)
C(162)-H(162)	0.9300
C(163)-C(164)	1.358(19)

C(163)-H(163)	0.9300
C(164)-H(164)	0.9300
C(165)-C(166)	1.351(19)
C(165)-C(170)	1.379(19)
C(166)-C(167)	1.409(19)
C(166)-H(166)	0.9300
C(167)-C(168)	1.408(19)
C(167)-H(167)	0.9300
C(168)-C(169)	1.44(2)
C(168)-H(168)	0.9300
C(169)-C(170)	1.367(19)
C(169)-H(169)	0.9300
C(170)-H(170)	0.9300
C(171)-C(176)	1.383(18)
C(171)-C(172)	1.390(19)
C(172)-C(173)	1.414(19)
C(172)-H(172)	0.9300
C(173)-C(174)	1.417(18)
C(173)-H(173)	0.9300
C(174)-C(175)	1.453(19)
C(174)-H(174)	0.9300
C(175)-C(176)	1.372(19)
C(175)-H(175)	0.9300
C(176)-H(176)	0.9300

Au(2)-Ag(1)-Au(3)	136.42(3)
Au(6)-Ag(1)-Au(3)	56.12(2)
Au(5)-Ag(1)-Au(3)	56.16(2)
Ag(3)-Ag(1)-Au(8)	111.46(3)
Ag(46)-Ag(1)-Au(8)	76.45(3)

Au(2)-Ag(1)-Au(8)	56.63(2)
Au(6)-Ag(1)-Au(8)	55.23(2)
Au(5)-Ag(1)-Au(8)	138.77(3)
Au(3)-Ag(1)-Au(8)	107.74(3)
Ag(3)-Ag(1)-Au(10)	110.14(4)
Ag(46)-Ag(1)-Au(10)	65.79(3)
Au(2)-Ag(1)-Au(10)	55.28(2)
Au(6)-Ag(1)-Au(10)	139.30(3)
Au(5)-Ag(1)-Au(10)	54.746(19)
Au(3)-Ag(1)-Au(10)	107.56(3)
Au(8)-Ag(1)-Au(10)	109.21(3)
Ag(3)-Ag(1)-Au(7)	66.75(3)
Ag(46)-Ag(1)-Au(7)	119.83(4)
Au(2)-Ag(1)-Au(7)	54.55(2)
Au(6)-Ag(1)-Au(7)	99.09(3)
Au(5)-Ag(1)-Au(7)	150.26(3)
Au(3)-Ag(1)-Au(7)	153.58(3)
Au(8)-Ag(1)-Au(7)	54.367(19)
Au(10)-Ag(1)-Au(7)	97.48(3)
Ag(3)-Ag(1)-Au(18)	65.46(3)
Ag(46)-Ag(1)-Au(18)	113.96(4)
Au(2)-Ag(1)-Au(18)	55.66(2)
Au(6)-Ag(1)-Au(18)	153.03(3)
Au(5)-Ag(1)-Au(18)	96.71(3)
Au(3)-Ag(1)-Au(18)	150.82(3)
Au(8)-Ag(1)-Au(18)	100.06(3)
Au(10)-Ag(1)-Au(18)	53.289(18)
Au(7)-Ag(1)-Au(18)	54.215(19)
Ag(3)-Ag(1)-Au(15)	65.16(3)
Ag(46)-Ag(1)-Au(15)	121.79(4)

Au(2)-Ag(1)-Au(15)	99.45(3)
Au(6)-Ag(1)-Au(15)	54.54(2)
Au(5)-Ag(1)-Au(15)	153.32(3)
Au(3)-Ag(1)-Au(15)	99.73(3)
Au(8)-Ag(1)-Au(15)	53.909(19)
Au(10)-Ag(1)-Au(15)	151.77(3)
Au(7)-Ag(1)-Au(15)	54.526(18)
Au(18)-Ag(1)-Au(15)	103.76(3)
Ag(3)-Ag(1)-Au(16)	64.66(3)
Ag(46)-Ag(1)-Au(16)	108.56(4)
Au(2)-Ag(1)-Au(16)	151.98(3)
Au(6)-Ag(1)-Au(16)	98.23(3)
Au(5)-Ag(1)-Au(16)	54.26(2)
Au(3)-Ag(1)-Au(16)	54.00(2)
Au(8)-Ag(1)-Au(16)	151.39(3)
Au(10)-Ag(1)-Au(16)	98.11(3)
Au(7)-Ag(1)-Au(16)	131.40(3)
Au(18)-Ag(1)-Au(16)	103.06(3)
Au(15)-Ag(1)-Au(16)	103.77(3)
S(16)-Ag(2)-Au(4)	117.92(7)
S(16)-Ag(2)-Au(9)	175.97(7)
Au(4)-Ag(2)-Au(9)	58.58(2)
S(16)-Ag(2)-Au(7)	117.36(7)
Au(4)-Ag(2)-Au(7)	60.55(2)
Au(9)-Ag(2)-Au(7)	59.59(2)
S(16)-Ag(2)-Ag(34)	53.33(7)
Au(4)-Ag(2)-Ag(34)	132.90(4)
Au(9)-Ag(2)-Ag(34)	126.93(4)
Au(7)-Ag(2)-Ag(34)	82.34(3)
S(16)-Ag(2)-Ag(22)	57.88(7)

Au(4)-Ag(2)-Ag(22)	65.46(3)
Au(9)-Ag(2)-Ag(22)	119.85(4)
Au(7)-Ag(2)-Ag(22)	109.46(4)
Ag(34)-Ag(2)-Ag(22)	106.35(4)
S(16)-Ag(2)-Ag(21)	120.64(7)
Au(4)-Ag(2)-Ag(21)	62.05(3)
Au(9)-Ag(2)-Ag(21)	60.26(3)
Au(7)-Ag(2)-Ag(21)	111.47(4)
Ag(34)-Ag(2)-Ag(21)	164.76(4)
Ag(22)-Ag(2)-Ag(21)	75.85(3)
S(16)-Ag(2)-Au(24)	120.91(7)
Au(4)-Ag(2)-Au(24)	116.28(3)
Au(9)-Ag(2)-Au(24)	63.11(2)
Au(7)-Ag(2)-Au(24)	108.35(3)
Ag(34)-Ag(2)-Au(24)	101.63(3)
Ag(22)-Ag(2)-Au(24)	135.20(4)
Ag(21)-Ag(2)-Au(24)	68.58(3)
S(16)-Ag(2)-Ag(19)	67.97(7)
Au(4)-Ag(2)-Ag(19)	67.17(3)
Au(9)-Ag(2)-Ag(19)	108.17(3)
Au(7)-Ag(2)-Ag(19)	54.10(2)
Ag(34)-Ag(2)-Ag(19)	67.70(3)
Ag(22)-Ag(2)-Ag(19)	65.38(3)
Ag(21)-Ag(2)-Ag(19)	125.22(4)
Au(24)-Ag(2)-Ag(19)	159.38(4)
Ag(1)-Ag(3)-Ag(43)	170.95(5)
Ag(1)-Ag(3)-Au(1)	112.09(4)
Ag(43)-Ag(3)-Au(1)	67.64(3)
Ag(1)-Ag(3)-Au(14)	111.98(4)
Ag(43)-Ag(3)-Au(14)	76.10(3)

Au(1)-Ag(3)-Au(14)	107.53(3)
Ag(1)-Ag(3)-Au(4)	110.30(4)
Ag(43)-Ag(3)-Au(4)	62.05(3)
Au(1)-Ag(3)-Au(4)	105.78(3)
Au(14)-Ag(3)-Au(4)	108.91(3)
Ag(1)-Ag(3)-Au(11)	111.63(4)
Ag(43)-Ag(3)-Au(11)	68.92(3)
Au(1)-Ag(3)-Au(11)	136.24(3)
Au(14)-Ag(3)-Au(11)	56.16(2)
Au(4)-Ag(3)-Au(11)	56.17(2)
Ag(1)-Ag(3)-Au(12)	111.46(3)
Ag(43)-Ag(3)-Au(12)	76.22(3)
Au(1)-Ag(3)-Au(12)	56.19(2)
Au(14)-Ag(3)-Au(12)	55.37(2)
Au(4)-Ag(3)-Au(12)	138.22(3)
Au(11)-Ag(3)-Au(12)	108.05(3)
Ag(1)-Ag(3)-Au(9)	109.39(4)
Ag(43)-Ag(3)-Au(9)	62.62(3)
Au(1)-Ag(3)-Au(9)	55.20(2)
Au(14)-Ag(3)-Au(9)	138.63(3)
Au(4)-Ag(3)-Au(9)	54.50(2)
Au(11)-Ag(3)-Au(9)	107.46(3)
Au(12)-Ag(3)-Au(9)	108.73(3)
Ag(1)-Ag(3)-Au(16)	65.82(3)
Ag(43)-Ag(3)-Au(16)	123.22(4)
Au(1)-Ag(3)-Au(16)	100.08(3)
Au(14)-Ag(3)-Au(16)	54.36(2)
Au(4)-Ag(3)-Au(16)	152.92(3)
Au(11)-Ag(3)-Au(16)	99.08(3)
Au(12)-Ag(3)-Au(16)	54.427(19)

Au(9)-Ag(3)-Au(16)	152.47(3)
Ag(1)-Ag(3)-Au(15)	65.43(3)
Ag(43)-Ag(3)-Au(15)	110.03(3)
Au(1)-Ag(3)-Au(15)	150.53(4)
Au(14)-Ag(3)-Au(15)	99.89(3)
Au(4)-Ag(3)-Au(15)	53.73(2)
Au(11)-Ag(3)-Au(15)	54.718(19)
Au(12)-Ag(3)-Au(15)	153.27(3)
Au(9)-Ag(3)-Au(15)	96.75(3)
Au(16)-Ag(3)-Au(15)	104.61(3)
Ag(1)-Ag(3)-Au(18)	64.98(3)
Ag(43)-Ag(3)-Au(18)	110.07(4)
Au(1)-Ag(3)-Au(18)	54.380(19)
Au(14)-Ag(3)-Au(18)	151.42(3)
Au(4)-Ag(3)-Au(18)	98.08(3)
Au(11)-Ag(3)-Au(18)	152.42(3)
Au(12)-Ag(3)-Au(18)	97.99(3)
Au(9)-Ag(3)-Au(18)	53.866(19)
Au(16)-Ag(3)-Au(18)	103.46(3)
Au(15)-Ag(3)-Au(18)	103.63(3)
Ag(1)-Ag(3)-Au(13)	65.91(3)
Ag(43)-Ag(3)-Au(13)	118.59(4)
Au(1)-Ag(3)-Au(13)	154.07(3)
Au(14)-Ag(3)-Au(13)	54.99(2)
Au(4)-Ag(3)-Au(13)	98.64(3)
Au(11)-Ag(3)-Au(13)	54.255(19)
Au(12)-Ag(3)-Au(13)	99.36(3)
Au(9)-Ag(3)-Au(13)	150.73(3)
Au(16)-Ag(3)-Au(13)	54.668(19)
Au(15)-Ag(3)-Au(13)	54.388(19)

Au(18)-Ag(3)-Au(13)	130.89(3)
S(12)-Ag(4)-Au(5)	116.24(7)
S(12)-Ag(4)-Au(3)	174.52(7)
Au(5)-Ag(4)-Au(3)	58.92(2)
S(12)-Ag(4)-Au(16)	117.31(7)
Au(5)-Ag(4)-Au(16)	59.69(2)
Au(3)-Ag(4)-Au(16)	58.59(2)
S(12)-Ag(4)-Ag(36)	52.62(7)
Au(5)-Ag(4)-Ag(36)	132.58(4)
Au(3)-Ag(4)-Ag(36)	127.92(4)
Au(16)-Ag(4)-Ag(36)	84.03(3)
S(12)-Ag(4)-Ag(23)	121.44(7)
Au(5)-Ag(4)-Ag(23)	62.20(3)
Au(3)-Ag(4)-Ag(23)	59.59(3)
Au(16)-Ag(4)-Ag(23)	109.86(4)
Ag(36)-Ag(4)-Ag(23)	164.81(4)
S(12)-Ag(4)-Ag(24)	55.83(7)
Au(5)-Ag(4)-Ag(24)	65.07(3)
Au(3)-Ag(4)-Ag(24)	120.74(4)
Au(16)-Ag(4)-Ag(24)	107.43(4)
Ag(36)-Ag(4)-Ag(24)	103.36(4)
Ag(23)-Ag(4)-Ag(24)	78.89(3)
S(12)-Ag(4)-Au(23)	124.07(7)
Au(5)-Ag(4)-Au(23)	114.61(3)
Au(3)-Ag(4)-Au(23)	61.41(2)
Au(16)-Ag(4)-Au(23)	107.32(3)
Ag(36)-Ag(4)-Au(23)	104.20(4)
Ag(23)-Ag(4)-Au(23)	66.47(3)
Ag(24)-Ag(4)-Au(23)	137.30(4)
S(12)-Ag(4)-Ag(20)	67.90(7)

Au(5)-Ag(4)-Ag(20)	65.43(3)
Au(3)-Ag(4)-Ag(20)	106.89(3)
Au(16)-Ag(4)-Ag(20)	53.88(2)
Ag(36)-Ag(4)-Ag(20)	68.67(3)
Ag(23)-Ag(4)-Ag(20)	124.22(4)
Ag(24)-Ag(4)-Ag(20)	62.60(3)
Au(23)-Ag(4)-Ag(20)	159.55(4)
S(24)-Ag(5)-Au(6)	116.51(7)
S(24)-Ag(5)-Au(8)	173.78(7)
Au(6)-Ag(5)-Au(8)	58.36(2)
S(24)-Ag(5)-Au(15)	115.85(8)
Au(6)-Ag(5)-Au(15)	59.83(2)
Au(8)-Ag(5)-Au(15)	59.05(2)
S(24)-Ag(5)-Ag(26)	52.68(8)
Au(6)-Ag(5)-Ag(26)	132.35(4)
Au(8)-Ag(5)-Ag(26)	127.17(4)
Au(15)-Ag(5)-Ag(26)	82.78(3)
S(24)-Ag(5)-Ag(30)	121.81(8)
Au(6)-Ag(5)-Ag(30)	64.61(3)
Au(8)-Ag(5)-Ag(30)	60.37(3)
Au(15)-Ag(5)-Ag(30)	112.28(3)
Ag(26)-Ag(5)-Ag(30)	162.86(4)
S(24)-Ag(5)-Ag(25)	56.57(7)
Au(6)-Ag(5)-Ag(25)	65.39(3)
Au(8)-Ag(5)-Ag(25)	120.25(4)
Au(15)-Ag(5)-Ag(25)	107.83(4)
Ag(26)-Ag(5)-Ag(25)	104.60(4)
Ag(30)-Ag(5)-Ag(25)	79.25(4)
S(24)-Ag(5)-Au(22)	122.82(7)
Au(6)-Ag(5)-Au(22)	117.00(3)

Au(8)-Ag(5)-Au(22)	63.30(2)
Au(15)-Ag(5)-Au(22)	107.22(3)
Ag(26)-Ag(5)-Au(22)	100.78(3)
Ag(30)-Ag(5)-Au(22)	67.71(3)
Ag(25)-Ag(5)-Au(22)	138.71(4)
S(24)-Ag(5)-Ag(15)	66.98(8)
Au(6)-Ag(5)-Ag(15)	67.03(3)
Au(8)-Ag(5)-Ag(15)	106.96(3)
Au(15)-Ag(5)-Ag(15)	52.87(2)
Ag(26)-Ag(5)-Ag(15)	66.93(3)
Ag(30)-Ag(5)-Ag(15)	128.33(4)
Ag(25)-Ag(5)-Ag(15)	64.89(3)
Au(22)-Ag(5)-Ag(15)	156.37(4)
S(9)-Ag(6)-Au(8)	173.56(7)
S(9)-Ag(6)-Au(2)	114.75(7)
Au(8)-Ag(6)-Au(2)	60.25(2)
S(9)-Ag(6)-Au(7)	114.68(8)
Au(8)-Ag(6)-Au(7)	59.58(2)
Au(2)-Ag(6)-Au(7)	57.96(2)
S(9)-Ag(6)-Ag(34)	51.92(8)
Au(8)-Ag(6)-Ag(34)	126.54(4)
Au(2)-Ag(6)-Ag(34)	125.46(4)
Au(7)-Ag(6)-Ag(34)	79.64(3)
S(9)-Ag(6)-Ag(28)	54.39(7)
Au(8)-Ag(6)-Ag(28)	122.28(4)
Au(2)-Ag(6)-Ag(28)	64.03(3)
Au(7)-Ag(6)-Ag(28)	101.85(3)
Ag(34)-Ag(6)-Ag(28)	97.27(4)
S(9)-Ag(6)-Au(22)	123.95(7)
Au(8)-Ag(6)-Au(22)	62.04(2)

Au(2)-Ag(6)-Au(22)	119.40(3)
Au(7)-Ag(6)-Au(22)	105.36(3)
Ag(34)-Ag(6)-Au(22)	102.75(3)
Ag(28)-Ag(6)-Au(22)	148.60(4)
S(9)-Ag(6)-Ag(19)	117.00(8)
Au(8)-Ag(6)-Ag(19)	62.61(3)
Au(2)-Ag(6)-Ag(19)	104.52(3)
Au(7)-Ag(6)-Ag(19)	52.27(2)
Ag(34)-Ag(6)-Ag(19)	65.34(3)
Ag(28)-Ag(6)-Ag(19)	149.56(4)
Au(22)-Ag(6)-Ag(19)	61.84(2)
S(9)-Ag(6)-Ag(38)	123.15(8)
Au(8)-Ag(6)-Ag(38)	58.26(3)
Au(2)-Ag(6)-Ag(38)	54.44(2)
Au(7)-Ag(6)-Ag(38)	103.16(3)
Ag(34)-Ag(6)-Ag(38)	175.02(4)
Ag(28)-Ag(6)-Ag(38)	78.18(3)
Au(22)-Ag(6)-Ag(38)	80.60(3)
Ag(19)-Ag(6)-Ag(38)	119.64(4)
S(10)-Ag(7)-Au(9)	173.56(8)
S(10)-Ag(7)-Au(1)	116.28(7)
Au(9)-Ag(7)-Au(1)	58.63(2)
S(10)-Ag(7)-Au(18)	121.39(8)
Au(9)-Ag(7)-Au(18)	60.37(2)
Au(1)-Ag(7)-Au(18)	58.28(2)
S(10)-Ag(7)-Ag(37)	53.32(8)
Au(9)-Ag(7)-Ag(37)	132.65(4)
Au(1)-Ag(7)-Ag(37)	130.36(4)
Au(18)-Ag(7)-Ag(37)	85.25(3)
S(10)-Ag(7)-Ag(27)	112.26(8)

Au(9)-Ag(7)-Ag(27)	62.08(3)
Au(1)-Ag(7)-Ag(27)	58.34(3)
Au(18)-Ag(7)-Ag(27)	109.24(4)
Ag(37)-Ag(7)-Ag(27)	164.46(4)
S(10)-Ag(7)-Ag(18)	55.23(7)
Au(9)-Ag(7)-Ag(18)	118.59(4)
Au(1)-Ag(7)-Ag(18)	63.80(3)
Au(18)-Ag(7)-Ag(18)	105.03(3)
Ag(37)-Ag(7)-Ag(18)	100.20(4)
Ag(27)-Ag(7)-Ag(18)	71.19(3)
S(10)-Ag(7)-Ag(17)	122.58(8)
Au(9)-Ag(7)-Ag(17)	63.76(3)
Au(1)-Ag(7)-Ag(17)	105.90(3)
Au(18)-Ag(7)-Ag(17)	54.53(2)
Ag(37)-Ag(7)-Ag(17)	69.95(3)
Ag(27)-Ag(7)-Ag(17)	122.76(4)
Ag(18)-Ag(7)-Ag(17)	156.90(4)
S(10)-Ag(7)-Au(24)	122.48(7)
Au(9)-Ag(7)-Au(24)	60.24(2)
Au(1)-Ag(7)-Au(24)	114.64(3)
Au(18)-Ag(7)-Au(24)	107.05(3)
Ag(37)-Ag(7)-Au(24)	107.19(3)
Ag(27)-Ag(7)-Au(24)	74.61(3)
Ag(18)-Ag(7)-Au(24)	139.03(4)
Ag(17)-Ag(7)-Au(24)	63.59(3)
S(1)-Ag(8)-Au(3)	174.01(7)
S(1)-Ag(8)-Au(6)	114.61(7)
Au(3)-Ag(8)-Au(6)	59.69(2)
S(1)-Ag(8)-Au(13)	115.52(8)
Au(3)-Ag(8)-Au(13)	60.56(2)

Au(6)-Ag(8)-Au(13)	58.65(2)
S(1)-Ag(8)-Ag(40)	52.19(8)
Au(3)-Ag(8)-Ag(40)	128.37(4)
Au(6)-Ag(8)-Ag(40)	124.07(4)
Au(13)-Ag(8)-Ag(40)	78.62(3)
S(1)-Ag(8)-Ag(25)	53.89(8)
Au(3)-Ag(8)-Ag(25)	121.43(4)
Au(6)-Ag(8)-Ag(25)	64.35(3)
Au(13)-Ag(8)-Ag(25)	103.21(3)
Ag(40)-Ag(8)-Ag(25)	96.35(4)
S(1)-Ag(8)-Ag(33)	118.76(8)
Au(3)-Ag(8)-Ag(33)	60.56(3)
Au(6)-Ag(8)-Ag(33)	56.99(3)
Au(13)-Ag(8)-Ag(33)	107.43(3)
Ag(40)-Ag(8)-Ag(33)	170.94(4)
Ag(25)-Ag(8)-Ag(33)	75.88(3)
S(1)-Ag(8)-Ag(29)	118.79(8)
Au(3)-Ag(8)-Ag(29)	63.30(3)
Au(6)-Ag(8)-Ag(29)	105.69(3)
Au(13)-Ag(8)-Ag(29)	53.59(2)
Ag(40)-Ag(8)-Ag(29)	67.40(3)
Ag(25)-Ag(8)-Ag(29)	152.79(4)
Ag(33)-Ag(8)-Ag(29)	121.56(4)
S(1)-Ag(8)-Au(23)	125.98(7)
Au(3)-Ag(8)-Au(23)	59.97(2)
Au(6)-Ag(8)-Au(23)	115.12(3)
Au(13)-Ag(8)-Au(23)	107.38(3)
Ag(40)-Ag(8)-Au(23)	110.71(4)
Ag(25)-Ag(8)-Au(23)	142.32(4)
Ag(33)-Ag(8)-Au(23)	74.37(3)

Ag(29)-Ag(8)-Au(23)	64.74(3)
S(21)-Ag(9)-Au(14)	116.74(8)
S(21)-Ag(9)-Au(11)	172.00(8)
Au(14)-Ag(9)-Au(11)	59.58(2)
S(21)-Ag(9)-Ag(40)	52.19(8)
Au(14)-Ag(9)-Ag(40)	128.71(4)
Au(11)-Ag(9)-Ag(40)	123.40(4)
S(21)-Ag(9)-Au(13)	113.14(8)
Au(14)-Ag(9)-Au(13)	59.89(2)
Au(11)-Ag(9)-Au(13)	58.91(2)
Ag(40)-Ag(9)-Au(13)	78.68(3)
S(21)-Ag(9)-Au(19)	121.88(8)
Au(14)-Ag(9)-Au(19)	119.11(3)
Au(11)-Ag(9)-Au(19)	64.07(2)
Ag(40)-Ag(9)-Au(19)	100.33(3)
Au(13)-Ag(9)-Au(19)	107.48(3)
S(21)-Ag(9)-Ag(39)	126.31(8)
Au(14)-Ag(9)-Ag(39)	61.41(3)
Au(11)-Ag(9)-Ag(39)	59.39(3)
Ag(40)-Ag(9)-Ag(39)	169.88(4)
Au(13)-Ag(9)-Ag(39)	109.34(3)
Au(19)-Ag(9)-Ag(39)	71.69(3)
S(21)-Ag(9)-Ag(35)	56.55(8)
Au(14)-Ag(9)-Ag(35)	65.62(3)
Au(11)-Ag(9)-Ag(35)	122.83(4)
Ag(40)-Ag(9)-Ag(35)	102.50(4)
Au(13)-Ag(9)-Ag(35)	105.85(3)
Au(19)-Ag(9)-Ag(35)	142.55(4)
Ag(39)-Ag(9)-Ag(35)	81.59(3)
S(21)-Ag(9)-Ag(29)	66.71(8)

Au(14)-Ag(9)-Ag(29)	65.81(3)
Au(11)-Ag(9)-Ag(29)	105.60(3)
Ag(40)-Ag(9)-Ag(29)	64.87(3)
Au(13)-Ag(9)-Ag(29)	51.30(2)
Au(19)-Ag(9)-Ag(29)	154.67(4)
Ag(39)-Ag(9)-Ag(29)	124.84(4)
Ag(35)-Ag(9)-Ag(29)	62.77(3)
S(18)-Ag(10)-Au(2)	119.14(7)
S(18)-Ag(10)-Au(10)	177.80(7)
Au(2)-Ag(10)-Au(10)	58.78(2)
S(18)-Ag(10)-Au(18)	119.28(8)
Au(2)-Ag(10)-Au(18)	60.37(2)
Au(10)-Ag(10)-Au(18)	59.36(2)
S(18)-Ag(10)-Ag(28)	57.65(7)
Au(2)-Ag(10)-Ag(28)	66.16(3)
Au(10)-Ag(10)-Ag(28)	120.77(4)
Au(18)-Ag(10)-Ag(28)	109.83(3)
S(18)-Ag(10)-Ag(37)	52.67(7)
Au(2)-Ag(10)-Ag(37)	136.40(4)
Au(10)-Ag(10)-Ag(37)	128.03(4)
Au(18)-Ag(10)-Ag(37)	85.81(3)
Ag(28)-Ag(10)-Ag(37)	106.16(4)
S(18)-Ag(10)-Ag(32)	119.13(8)
Au(2)-Ag(10)-Ag(32)	61.62(3)
Au(10)-Ag(10)-Ag(32)	60.92(3)
Au(18)-Ag(10)-Ag(32)	111.31(3)
Ag(28)-Ag(10)-Ag(32)	75.46(3)
Ag(37)-Ag(10)-Ag(32)	161.47(4)
S(18)-Ag(10)-Au(21)	119.04(7)
Au(2)-Ag(10)-Au(21)	116.34(3)

Au(10)-Ag(10)-Au(21)	63.14(2)
Au(18)-Ag(10)-Au(21)	108.51(3)
Ag(28)-Ag(10)-Au(21)	134.99(4)
Ag(37)-Ag(10)-Au(21)	99.24(3)
Ag(32)-Ag(10)-Au(21)	69.29(3)
S(18)-Ag(10)-Ag(17)	69.13(7)
Au(2)-Ag(10)-Ag(17)	68.42(3)
Au(10)-Ag(10)-Ag(17)	108.95(3)
Au(18)-Ag(10)-Ag(17)	54.40(2)
Ag(28)-Ag(10)-Ag(17)	66.04(3)
Ag(37)-Ag(10)-Ag(17)	69.56(3)
Ag(32)-Ag(10)-Ag(17)	125.79(4)
Au(21)-Ag(10)-Ag(17)	158.97(4)
S(18)-Ag(10)-Ag(16)	121.48(7)
Au(2)-Ag(10)-Ag(16)	104.56(3)
Au(10)-Ag(10)-Ag(16)	59.43(3)
Au(18)-Ag(10)-Ag(16)	53.14(2)
Ag(28)-Ag(10)-Ag(16)	161.72(4)
Ag(37)-Ag(10)-Ag(16)	68.95(3)
Ag(32)-Ag(10)-Ag(16)	115.04(4)
Au(21)-Ag(10)-Ag(16)	62.90(3)
Ag(17)-Ag(10)-Ag(16)	96.13(3)
S(11)-Ag(11)-Au(1)	116.18(7)
S(11)-Ag(11)-Au(12)	172.24(8)
Au(1)-Ag(11)-Au(12)	59.67(2)
S(11)-Ag(11)-Au(17)	113.77(8)
Au(1)-Ag(11)-Au(17)	59.40(2)
Au(12)-Ag(11)-Au(17)	58.61(2)
S(11)-Ag(11)-Ag(31)	52.06(7)
Au(1)-Ag(11)-Ag(31)	130.84(4)

Au(12)-Ag(11)-Ag(31)	124.56(4)
Au(17)-Ag(11)-Ag(31)	81.36(3)
S(11)-Ag(11)-Ag(18)	57.24(7)
Au(1)-Ag(11)-Ag(18)	64.85(3)
Au(12)-Ag(11)-Ag(18)	121.67(4)
Au(17)-Ag(11)-Ag(18)	106.27(4)
Ag(31)-Ag(11)-Ag(18)	104.37(4)
S(11)-Ag(11)-Au(20)	123.15(7)
Au(1)-Ag(11)-Au(20)	118.38(3)
Au(12)-Ag(11)-Au(20)	63.04(2)
Au(17)-Ag(11)-Au(20)	106.56(3)
Ag(31)-Ag(11)-Au(20)	99.36(3)
Ag(18)-Ag(11)-Au(20)	141.80(4)
S(11)-Ag(11)-Ag(44)	127.20(8)
Au(1)-Ag(11)-Ag(44)	58.05(3)
Au(12)-Ag(11)-Ag(44)	57.43(3)
Au(17)-Ag(11)-Ag(44)	105.59(3)
Ag(31)-Ag(11)-Ag(44)	171.10(4)
Ag(18)-Ag(11)-Ag(44)	79.30(3)
Au(20)-Ag(11)-Ag(44)	73.53(3)
S(11)-Ag(11)-Ag(16)	65.73(8)
Au(1)-Ag(11)-Ag(16)	66.59(3)
Au(12)-Ag(11)-Ag(16)	106.65(3)
Au(17)-Ag(11)-Ag(16)	52.27(2)
Ag(31)-Ag(11)-Ag(16)	66.10(3)
Ag(18)-Ag(11)-Ag(16)	63.80(3)
Au(20)-Ag(11)-Ag(16)	154.41(4)
Ag(44)-Ag(11)-Ag(16)	122.50(4)
S(4)-Ag(12)-Au(11)	174.77(8)
S(4)-Ag(12)-Au(4)	115.20(8)

Au(11)-Ag(12)-Au(4)	59.68(2)
S(4)-Ag(12)-Au(15)	118.69(7)
Au(11)-Ag(12)-Au(15)	60.30(2)
Au(4)-Ag(12)-Au(15)	58.47(2)
S(4)-Ag(12)-Ag(26)	52.71(8)
Au(11)-Ag(12)-Ag(26)	130.61(4)
Au(4)-Ag(12)-Ag(26)	128.10(4)
Au(15)-Ag(12)-Ag(26)	82.91(3)
S(4)-Ag(12)-Ag(45)	116.22(8)
Au(11)-Ag(12)-Ag(45)	60.82(3)
Au(4)-Ag(12)-Ag(45)	58.28(3)
Au(15)-Ag(12)-Ag(45)	108.18(3)
Ag(26)-Ag(12)-Ag(45)	168.04(4)
S(4)-Ag(12)-Ag(22)	54.91(8)
Au(11)-Ag(12)-Ag(22)	119.92(4)
Au(4)-Ag(12)-Ag(22)	63.24(3)
Au(15)-Ag(12)-Ag(22)	103.43(3)
Ag(26)-Ag(12)-Ag(22)	98.68(4)
Ag(45)-Ag(12)-Ag(22)	74.77(3)
S(4)-Ag(12)-Ag(15)	120.89(8)
Au(11)-Ag(12)-Ag(15)	63.20(3)
Au(4)-Ag(12)-Ag(15)	106.01(3)
Au(15)-Ag(12)-Ag(15)	54.14(2)
Ag(26)-Ag(12)-Ag(15)	68.78(3)
Ag(45)-Ag(12)-Ag(15)	121.12(4)
Ag(22)-Ag(12)-Ag(15)	154.35(4)
S(4)-Ag(12)-Au(19)	123.53(7)
Au(11)-Ag(12)-Au(19)	60.74(2)
Au(4)-Ag(12)-Au(19)	116.58(3)
Au(15)-Ag(12)-Au(19)	106.58(3)

Ag(26)-Ag(12)-Au(19)	106.24(3)
Ag(45)-Ag(12)-Au(19)	75.42(3)
Ag(22)-Ag(12)-Au(19)	142.85(4)
Ag(15)-Ag(12)-Au(19)	62.53(3)
S(15)-Ag(13)-Au(12)	175.72(7)
S(15)-Ag(13)-Au(14)	117.01(7)
Au(12)-Ag(13)-Au(14)	58.73(2)
S(15)-Ag(13)-Au(16)	118.48(7)
Au(12)-Ag(13)-Au(16)	60.30(2)
Au(14)-Ag(13)-Au(16)	58.65(2)
S(15)-Ag(13)-Ag(36)	51.91(7)
Au(12)-Ag(13)-Ag(36)	130.53(4)
Au(14)-Ag(13)-Ag(36)	129.87(4)
Au(16)-Ag(13)-Ag(36)	83.43(3)
S(15)-Ag(13)-Ag(35)	55.07(7)
Au(12)-Ag(13)-Ag(35)	120.82(4)
Au(14)-Ag(13)-Ag(35)	65.39(3)
Au(16)-Ag(13)-Ag(35)	105.36(4)
Ag(36)-Ag(13)-Ag(35)	99.39(4)
S(15)-Ag(13)-Ag(42)	117.65(8)
Au(12)-Ag(13)-Ag(42)	60.25(3)
Au(14)-Ag(13)-Ag(42)	56.87(3)
Au(16)-Ag(13)-Ag(42)	107.44(3)
Ag(36)-Ag(13)-Ag(42)	168.49(4)
Ag(35)-Ag(13)-Ag(42)	74.43(3)
S(15)-Ag(13)-Ag(20)	119.43(7)
Au(12)-Ag(13)-Ag(20)	63.62(3)
Au(14)-Ag(13)-Ag(20)	105.66(3)
Au(16)-Ag(13)-Ag(20)	53.80(2)
Ag(36)-Ag(13)-Ag(20)	67.98(3)

Ag(35)-Ag(13)-Ag(20)	155.44(4)
Ag(42)-Ag(13)-Ag(20)	121.31(4)
S(15)-Ag(13)-Au(20)	123.52(7)
Au(12)-Ag(13)-Au(20)	60.15(2)
Au(14)-Ag(13)-Au(20)	114.50(3)
Au(16)-Ag(13)-Au(20)	106.94(3)
Ag(36)-Ag(13)-Au(20)	106.74(4)
Ag(35)-Ag(13)-Au(20)	140.24(4)
Ag(42)-Ag(13)-Au(20)	74.23(3)
Ag(20)-Ag(13)-Au(20)	64.18(3)
S(23)-Ag(14)-Au(10)	175.27(8)
S(23)-Ag(14)-Au(5)	117.54(7)
Au(10)-Ag(14)-Au(5)	58.84(2)
S(23)-Ag(14)-Au(17)	120.40(8)
Au(10)-Ag(14)-Au(17)	61.12(2)
Au(5)-Ag(14)-Au(17)	58.80(2)
S(23)-Ag(14)-Ag(31)	53.35(8)
Au(10)-Ag(14)-Ag(31)	131.07(4)
Au(5)-Ag(14)-Ag(31)	129.50(4)
Au(17)-Ag(14)-Ag(31)	83.00(3)
S(23)-Ag(14)-Ag(24)	56.18(7)
Au(10)-Ag(14)-Ag(24)	119.32(4)
Au(5)-Ag(14)-Ag(24)	64.51(3)
Au(17)-Ag(14)-Ag(24)	105.75(3)
Ag(31)-Ag(14)-Ag(24)	100.87(4)
S(23)-Ag(14)-Ag(41)	114.93(8)
Au(10)-Ag(14)-Ag(41)	60.85(3)
Au(5)-Ag(14)-Ag(41)	58.40(3)
Au(17)-Ag(14)-Ag(41)	109.29(3)
Ag(31)-Ag(14)-Ag(41)	167.12(4)

Ag(24)-Ag(14)-Ag(41)	72.59(3)
S(23)-Ag(14)-Ag(16)	121.23(8)
Au(10)-Ag(14)-Ag(16)	63.46(3)
Au(5)-Ag(14)-Ag(16)	105.81(3)
Au(17)-Ag(14)-Ag(16)	54.39(2)
Ag(31)-Ag(14)-Ag(16)	68.81(3)
Ag(24)-Ag(14)-Ag(16)	157.54(4)
Ag(41)-Ag(14)-Ag(16)	121.17(4)
S(23)-Ag(14)-Au(21)	122.56(7)
Au(10)-Ag(14)-Au(21)	59.36(2)
Au(5)-Ag(14)-Au(21)	114.25(3)
Au(17)-Ag(14)-Au(21)	106.45(3)
Ag(31)-Ag(14)-Au(21)	107.05(3)
Ag(24)-Ag(14)-Au(21)	139.36(4)
Ag(41)-Ag(14)-Au(21)	73.82(3)
Ag(16)-Ag(14)-Au(21)	62.68(3)
S(23)-Ag(14)-Ag(20)	72.97(7)
Au(10)-Ag(14)-Ag(20)	106.43(3)
Au(5)-Ag(14)-Ag(20)	61.75(3)
Au(17)-Ag(14)-Ag(20)	52.79(2)
Ag(31)-Ag(14)-Ag(20)	69.11(3)
Ag(24)-Ag(14)-Ag(20)	60.16(3)
Ag(41)-Ag(14)-Ag(20)	114.80(4)
Ag(16)-Ag(14)-Ag(20)	97.39(3)
Au(21)-Ag(14)-Ag(20)	158.74(3)
S(17)-Ag(15)-Au(15)	153.36(7)
S(17)-Ag(15)-Au(13)	116.47(7)
Au(15)-Ag(15)-Au(13)	63.27(2)
S(17)-Ag(15)-Au(11)	98.63(7)
Au(15)-Ag(15)-Au(11)	57.80(2)

Au(13)-Ag(15)-Au(11)	56.48(2)
S(17)-Ag(15)-Ag(12)	98.26(8)
Au(15)-Ag(15)-Ag(12)	58.53(3)
Au(13)-Ag(15)-Ag(12)	103.95(3)
Au(11)-Ag(15)-Ag(12)	52.78(2)
S(17)-Ag(15)-Ag(5)	141.06(7)
Au(15)-Ag(15)-Ag(5)	56.72(2)
Au(13)-Ag(15)-Ag(5)	99.63(3)
Au(11)-Ag(15)-Ag(5)	113.93(3)
Ag(12)-Ag(15)-Ag(5)	85.97(3)
S(17)-Ag(15)-Au(19)	44.99(7)
Au(15)-Ag(15)-Au(19)	108.42(3)
Au(13)-Ag(15)-Au(19)	100.79(3)
Au(11)-Ag(15)-Au(19)	57.05(2)
Ag(12)-Ag(15)-Au(19)	60.47(3)
Ag(5)-Ag(15)-Au(19)	144.00(4)
S(17)-Ag(15)-Ag(25)	104.90(7)
Au(15)-Ag(15)-Ag(25)	101.43(3)
Au(13)-Ag(15)-Ag(25)	97.50(3)
Au(11)-Ag(15)-Ag(25)	151.17(3)
Ag(12)-Ag(15)-Ag(25)	136.96(4)
Ag(5)-Ag(15)-Ag(25)	53.58(3)
Au(19)-Ag(15)-Ag(25)	149.62(3)
S(17)-Ag(15)-Au(6)	149.49(8)
Au(15)-Ag(15)-Au(6)	54.13(2)
Au(13)-Ag(15)-Au(6)	52.966(19)
Au(11)-Ag(15)-Au(6)	96.13(3)
Ag(12)-Ag(15)-Au(6)	111.91(3)
Ag(5)-Ag(15)-Au(6)	49.92(2)
Au(19)-Ag(15)-Au(6)	151.98(3)

Ag(25)-Ag(15)-Au(6)	55.42(2)
S(17)-Ag(15)-Ag(26)	100.80(7)
Au(15)-Ag(15)-Ag(26)	76.24(3)
Au(13)-Ag(15)-Ag(26)	139.40(4)
Au(11)-Ag(15)-Ag(26)	104.54(3)
Ag(12)-Ag(15)-Ag(26)	52.57(3)
Ag(5)-Ag(15)-Ag(26)	52.05(3)
Au(19)-Ag(15)-Ag(26)	94.21(3)
Ag(25)-Ag(15)-Ag(26)	87.33(3)
Au(6)-Ag(15)-Ag(26)	101.11(3)
S(3)-Ag(16)-Au(17)	152.76(7)
S(3)-Ag(16)-Au(18)	116.28(7)
Au(17)-Ag(16)-Au(18)	62.23(2)
S(3)-Ag(16)-Au(10)	97.43(7)
Au(17)-Ag(16)-Au(10)	58.07(2)
Au(18)-Ag(16)-Au(10)	56.02(2)
S(3)-Ag(16)-Ag(14)	98.83(8)
Au(17)-Ag(16)-Ag(14)	57.86(3)
Au(18)-Ag(16)-Ag(14)	102.62(3)
Au(10)-Ag(16)-Ag(14)	52.65(2)
S(3)-Ag(16)-Ag(11)	142.15(7)
Au(17)-Ag(16)-Ag(11)	56.81(3)
Au(18)-Ag(16)-Ag(11)	98.97(3)
Au(10)-Ag(16)-Ag(11)	114.31(3)
Ag(14)-Ag(16)-Ag(11)	85.71(3)
S(3)-Ag(16)-Ag(18)	105.87(7)
Au(17)-Ag(16)-Ag(18)	101.19(3)
Au(18)-Ag(16)-Ag(18)	97.49(3)
Au(10)-Ag(16)-Ag(18)	151.02(3)
Ag(14)-Ag(16)-Ag(18)	136.79(4)

Ag(11)-Ag(16)-Ag(18)	53.35(3)
S(3)-Ag(16)-Au(21)	44.80(7)
Au(17)-Ag(16)-Au(21)	107.99(3)
Au(18)-Ag(16)-Au(21)	99.87(3)
Au(10)-Ag(16)-Au(21)	55.994(19)
Ag(14)-Ag(16)-Au(21)	61.18(3)
Ag(11)-Ag(16)-Au(21)	144.72(4)
Ag(18)-Ag(16)-Au(21)	150.49(3)
S(3)-Ag(16)-Au(1)	149.74(8)
Au(17)-Ag(16)-Au(1)	53.91(2)
Au(18)-Ag(16)-Au(1)	53.004(19)
Au(10)-Ag(16)-Au(1)	96.44(3)
Ag(14)-Ag(16)-Au(1)	110.96(3)
Ag(11)-Ag(16)-Au(1)	49.40(2)
Ag(18)-Ag(16)-Au(1)	55.04(2)
Au(21)-Ag(16)-Au(1)	151.21(3)
S(3)-Ag(16)-Ag(10)	64.74(7)
Au(17)-Ag(16)-Ag(10)	101.58(3)
Au(18)-Ag(16)-Ag(10)	53.64(2)
Au(10)-Ag(16)-Ag(10)	50.99(2)
Ag(14)-Ag(16)-Ag(10)	96.85(3)
Ag(11)-Ag(16)-Ag(10)	152.46(4)
Ag(18)-Ag(16)-Ag(10)	125.61(4)
Au(21)-Ag(16)-Ag(10)	52.66(2)
Au(1)-Ag(16)-Ag(10)	105.14(3)
S(3)-Ag(16)-Ag(31)	102.08(7)
Au(17)-Ag(16)-Ag(31)	75.64(3)
Au(18)-Ag(16)-Ag(31)	137.80(4)
Au(10)-Ag(16)-Ag(31)	104.15(3)
Ag(14)-Ag(16)-Ag(31)	52.19(3)

Ag(11)-Ag(16)-Ag(31)	51.99(3)
Ag(18)-Ag(16)-Ag(31)	87.80(3)
Au(21)-Ag(16)-Ag(31)	95.05(3)
Au(1)-Ag(16)-Ag(31)	100.40(3)
Ag(10)-Ag(16)-Ag(31)	145.76(4)
S(14)-Ag(17)-Au(18)	152.41(7)
S(14)-Ag(17)-Au(7)	115.11(8)
Au(18)-Ag(17)-Au(7)	62.68(2)
S(14)-Ag(17)-Ag(7)	98.25(7)
Au(18)-Ag(17)-Ag(7)	58.65(3)
Au(7)-Ag(17)-Ag(7)	103.81(3)
S(14)-Ag(17)-Au(9)	97.21(7)
Au(18)-Ag(17)-Au(9)	57.58(2)
Au(7)-Ag(17)-Au(9)	56.48(2)
Ag(7)-Ag(17)-Au(9)	52.77(2)
S(14)-Ag(17)-Ag(10)	141.78(8)
Au(18)-Ag(17)-Ag(10)	57.64(3)
Au(7)-Ag(17)-Ag(10)	100.54(3)
Ag(7)-Ag(17)-Ag(10)	85.54(3)
Au(9)-Ag(17)-Ag(10)	114.43(3)
S(14)-Ag(17)-Ag(28)	105.43(7)
Au(18)-Ag(17)-Ag(28)	102.02(3)
Au(7)-Ag(17)-Ag(28)	98.54(3)
Ag(7)-Ag(17)-Ag(28)	136.39(4)
Au(9)-Ag(17)-Ag(28)	152.19(4)
Ag(10)-Ag(17)-Ag(28)	53.54(3)
S(14)-Ag(17)-Au(24)	44.69(7)
Au(18)-Ag(17)-Au(24)	107.72(3)
Au(7)-Ag(17)-Au(24)	100.00(3)
Ag(7)-Ag(17)-Au(24)	60.41(3)

Au(9)-Ag(17)-Au(24)	56.148(19)
Ag(10)-Ag(17)-Au(24)	143.56(4)
Ag(28)-Ag(17)-Au(24)	149.72(3)
S(14)-Ag(17)-Au(2)	148.71(8)
Au(18)-Ag(17)-Au(2)	54.59(2)
Au(7)-Ag(17)-Au(2)	52.836(19)
Ag(7)-Ag(17)-Au(2)	112.42(3)
Au(9)-Ag(17)-Au(2)	96.52(3)
Ag(10)-Ag(17)-Au(2)	51.23(2)
Ag(28)-Ag(17)-Au(2)	55.93(2)
Au(24)-Ag(17)-Au(2)	151.27(3)
S(22)-Ag(18)-S(10)	129.10(11)
S(22)-Ag(18)-S(11)	120.00(11)
S(10)-Ag(18)-S(11)	108.18(10)
S(22)-Ag(18)-Ag(7)	100.55(7)
S(10)-Ag(18)-Ag(7)	53.06(7)
S(11)-Ag(18)-Ag(7)	130.53(7)
S(22)-Ag(18)-Ag(11)	87.73(8)
S(10)-Ag(18)-Ag(11)	137.71(7)
S(11)-Ag(18)-Ag(11)	52.81(7)
Ag(7)-Ag(18)-Ag(11)	106.85(4)
S(22)-Ag(18)-Au(1)	78.09(7)
S(10)-Ag(18)-Au(1)	107.44(7)
S(11)-Ag(18)-Au(1)	102.88(7)
Ag(7)-Ag(18)-Au(1)	56.72(3)
Ag(11)-Ag(18)-Au(1)	54.63(2)
S(22)-Ag(18)-Ag(16)	140.10(7)
S(10)-Ag(18)-Ag(16)	74.88(7)
S(11)-Ag(18)-Ag(16)	64.05(7)
Ag(7)-Ag(18)-Ag(16)	66.69(3)

Ag(11)-Ag(18)-Ag(16)	62.85(3)
Au(1)-Ag(18)-Ag(16)	63.16(2)
S(2)-Ag(19)-Au(7)	151.57(8)
S(2)-Ag(19)-Au(15)	116.18(7)
Au(7)-Ag(19)-Au(15)	63.22(2)
S(2)-Ag(19)-Au(8)	97.96(8)
Au(7)-Ag(19)-Au(8)	56.89(2)
Au(15)-Ag(19)-Au(8)	55.86(2)
S(2)-Ag(19)-Ag(2)	140.79(7)
Au(7)-Ag(19)-Ag(2)	57.74(2)
Au(15)-Ag(19)-Ag(2)	100.84(3)
Au(8)-Ag(19)-Ag(2)	113.99(3)
S(2)-Ag(19)-Ag(6)	96.52(7)
Au(7)-Ag(19)-Ag(6)	58.09(2)
Au(15)-Ag(19)-Ag(6)	101.79(3)
Au(8)-Ag(19)-Ag(6)	50.41(2)
Ag(2)-Ag(19)-Ag(6)	87.68(3)
S(2)-Ag(19)-Ag(22)	105.41(8)
Au(7)-Ag(19)-Ag(22)	102.61(3)
Au(15)-Ag(19)-Ag(22)	98.96(3)
Au(8)-Ag(19)-Ag(22)	151.83(4)
Ag(2)-Ag(19)-Ag(22)	53.70(3)
Ag(6)-Ag(19)-Ag(22)	139.00(4)
S(2)-Ag(19)-Au(4)	149.72(7)
Au(7)-Ag(19)-Au(4)	55.41(2)
Au(15)-Ag(19)-Au(4)	53.31(2)
Au(8)-Ag(19)-Au(4)	96.22(3)
Ag(2)-Ag(19)-Au(4)	51.20(2)
Ag(6)-Ag(19)-Au(4)	113.07(3)
Ag(22)-Ag(19)-Au(4)	55.86(2)

S(2)-Ag(19)-Au(22)	44.81(8)
Au(7)-Ag(19)-Au(22)	106.80(3)
Au(15)-Ag(19)-Au(22)	100.27(3)
Au(8)-Ag(19)-Au(22)	56.69(2)
Ag(2)-Ag(19)-Au(22)	142.54(4)
Ag(6)-Ag(19)-Au(22)	57.82(2)
Ag(22)-Ag(19)-Au(22)	149.79(3)
Au(4)-Ag(19)-Au(22)	151.80(3)
S(2)-Ag(19)-Ag(34)	100.05(7)
Au(7)-Ag(19)-Ag(34)	75.84(3)
Au(15)-Ag(19)-Ag(34)	139.05(4)
Au(8)-Ag(19)-Ag(34)	102.81(3)
Ag(2)-Ag(19)-Ag(34)	52.55(3)
Ag(6)-Ag(19)-Ag(34)	53.28(3)
Ag(22)-Ag(19)-Ag(34)	88.53(3)
Au(4)-Ag(19)-Ag(34)	102.69(3)
Au(22)-Ag(19)-Ag(34)	92.01(3)
S(30)-Ag(20)-Au(16)	147.63(7)
S(30)-Ag(20)-Au(17)	114.63(7)
Au(16)-Ag(20)-Au(17)	63.52(2)
S(30)-Ag(20)-Au(12)	94.38(7)
Au(16)-Ag(20)-Au(12)	56.76(2)
Au(17)-Ag(20)-Au(12)	55.48(2)
S(30)-Ag(20)-Ag(4)	142.51(7)
Au(16)-Ag(20)-Ag(4)	57.65(3)
Au(17)-Ag(20)-Ag(4)	101.98(3)
Au(12)-Ag(20)-Ag(4)	113.64(3)
S(30)-Ag(20)-Ag(13)	94.37(7)
Au(16)-Ag(20)-Ag(13)	57.26(3)
Au(17)-Ag(20)-Ag(13)	102.29(3)

Au(12)-Ag(20)-Ag(13)	51.65(2)
Ag(4)-Ag(20)-Ag(13)	85.15(3)
S(30)-Ag(20)-Ag(24)	107.04(7)
Au(16)-Ag(20)-Ag(24)	104.88(3)
Au(17)-Ag(20)-Ag(24)	100.88(3)
Au(12)-Ag(20)-Ag(24)	153.84(4)
Ag(4)-Ag(20)-Ag(24)	55.90(3)
Ag(13)-Ag(20)-Ag(24)	137.99(4)
S(30)-Ag(20)-Au(5)	152.85(7)
Au(16)-Ag(20)-Au(5)	55.40(2)
Au(17)-Ag(20)-Au(5)	54.64(2)
Au(12)-Ag(20)-Au(5)	96.62(3)
Ag(4)-Ag(20)-Au(5)	51.23(2)
Ag(13)-Ag(20)-Au(5)	111.89(3)
Ag(24)-Ag(20)-Au(5)	57.65(2)
S(30)-Ag(20)-Ag(14)	102.15(7)
Au(16)-Ag(20)-Ag(14)	100.95(3)
Au(17)-Ag(20)-Ag(14)	54.00(2)
Au(12)-Ag(20)-Ag(14)	108.11(3)
Ag(4)-Ag(20)-Ag(14)	92.58(3)
Ag(13)-Ag(20)-Ag(14)	155.22(4)
Ag(24)-Ag(20)-Ag(14)	53.47(3)
Au(5)-Ag(20)-Ag(14)	50.79(2)
S(30)-Ag(20)-Au(20)	42.75(7)
Au(16)-Ag(20)-Au(20)	104.94(3)
Au(17)-Ag(20)-Au(20)	98.15(3)
Au(12)-Ag(20)-Au(20)	54.765(19)
Ag(4)-Ag(20)-Au(20)	141.42(4)
Ag(13)-Ag(20)-Au(20)	58.42(2)
Ag(24)-Ag(20)-Au(20)	149.45(4)

Au(5)-Ag(20)-Au(20)	150.51(3)
Ag(14)-Ag(20)-Au(20)	125.73(3)
S(20)-Ag(21)-S(6)	139.55(10)
S(20)-Ag(21)-Au(9)	138.87(7)
S(6)-Ag(21)-Au(9)	80.93(7)
S(20)-Ag(21)-Ag(2)	97.32(8)
S(6)-Ag(21)-Ag(2)	101.81(7)
Au(9)-Ag(21)-Ag(2)	58.36(3)
S(20)-Ag(21)-Au(4)	82.83(7)
S(6)-Ag(21)-Au(4)	137.23(7)
Au(9)-Ag(21)-Au(4)	56.31(2)
Ag(2)-Ag(21)-Au(4)	56.95(3)
S(20)-Ag(21)-Ag(43)	104.39(7)
S(6)-Ag(21)-Ag(43)	104.54(7)
Au(9)-Ag(21)-Ag(43)	58.75(3)
Ag(2)-Ag(21)-Ag(43)	104.98(3)
Au(4)-Ag(21)-Ag(43)	56.22(2)
S(20)-Ag(21)-Ag(45)	48.01(7)
S(6)-Ag(21)-Ag(45)	151.80(7)
Au(9)-Ag(21)-Ag(45)	101.94(3)
Ag(2)-Ag(21)-Ag(45)	103.44(4)
Au(4)-Ag(21)-Ag(45)	53.63(2)
Ag(43)-Ag(21)-Ag(45)	56.66(3)
S(20)-Ag(21)-Au(24)	138.81(8)
S(6)-Ag(21)-Au(24)	44.83(7)
Au(9)-Ag(21)-Au(24)	58.32(2)
Ag(2)-Ag(21)-Au(24)	56.99(3)
Au(4)-Ag(21)-Au(24)	103.16(3)
Ag(43)-Ag(21)-Au(24)	112.77(3)
Ag(45)-Ag(21)-Au(24)	156.79(3)

S(20)-Ag(22)-S(4)	119.52(10)
S(20)-Ag(22)-S(16)	128.46(10)
S(4)-Ag(22)-S(16)	109.42(10)
S(20)-Ag(22)-Ag(2)	95.76(7)
S(4)-Ag(22)-Ag(2)	136.02(7)
S(16)-Ag(22)-Ag(2)	54.06(7)
S(20)-Ag(22)-Ag(12)	92.82(7)
S(4)-Ag(22)-Ag(12)	51.45(7)
S(16)-Ag(22)-Ag(12)	132.19(7)
Ag(2)-Ag(22)-Ag(12)	105.81(4)
S(20)-Ag(22)-Au(4)	78.84(7)
S(4)-Ag(22)-Au(4)	103.71(7)
S(16)-Ag(22)-Au(4)	105.31(6)
Ag(2)-Ag(22)-Au(4)	55.48(3)
Ag(12)-Ag(22)-Au(4)	54.64(2)
S(20)-Ag(22)-Ag(19)	141.19(7)
S(4)-Ag(22)-Ag(19)	75.12(7)
S(16)-Ag(22)-Ag(19)	64.76(7)
Ag(2)-Ag(22)-Ag(19)	60.93(3)
Ag(12)-Ag(22)-Ag(19)	67.74(3)
Au(4)-Ag(22)-Ag(19)	62.45(2)
S(8)-Ag(23)-S(13)	138.87(10)
S(8)-Ag(23)-Au(3)	137.21(7)
S(13)-Ag(23)-Au(3)	81.49(7)
S(8)-Ag(23)-Ag(4)	91.67(8)
S(13)-Ag(23)-Ag(4)	102.90(7)
Au(3)-Ag(23)-Ag(4)	58.83(3)
S(8)-Ag(23)-Au(5)	81.61(7)
S(13)-Ag(23)-Au(5)	138.11(7)
Au(3)-Ag(23)-Au(5)	56.65(2)

Ag(4)-Ag(23)-Au(5)	56.04(3)
S(8)-Ag(23)-Ag(46)	106.03(8)
S(13)-Ag(23)-Ag(46)	106.48(7)
Au(3)-Ag(23)-Ag(46)	60.72(3)
Ag(4)-Ag(23)-Ag(46)	105.87(4)
Au(5)-Ag(23)-Ag(46)	56.73(3)
S(8)-Ag(23)-Au(23)	133.84(8)
S(13)-Ag(23)-Au(23)	45.28(7)
Au(3)-Ag(23)-Au(23)	58.02(2)
Ag(4)-Ag(23)-Au(23)	57.66(3)
Au(5)-Ag(23)-Au(23)	102.82(3)
Ag(46)-Ag(23)-Au(23)	114.69(3)
S(8)-Ag(23)-Ag(41)	47.33(8)
S(13)-Ag(23)-Ag(41)	155.65(7)
Au(3)-Ag(23)-Ag(41)	103.95(3)
Ag(4)-Ag(23)-Ag(41)	100.08(4)
Au(5)-Ag(23)-Ag(41)	53.41(2)
Ag(46)-Ag(23)-Ag(41)	58.88(3)
Au(23)-Ag(23)-Ag(41)	155.83(3)
S(8)-Ag(24)-S(23)	126.50(11)
S(8)-Ag(24)-S(12)	121.07(11)
S(23)-Ag(24)-S(12)	109.75(10)
S(8)-Ag(24)-Ag(14)	97.71(8)
S(23)-Ag(24)-Ag(14)	52.63(7)
S(12)-Ag(24)-Ag(14)	132.84(7)
S(8)-Ag(24)-Ag(4)	89.86(7)
S(23)-Ag(24)-Ag(4)	136.46(7)
S(12)-Ag(24)-Ag(4)	53.85(7)
Ag(14)-Ag(24)-Ag(4)	105.47(4)
S(8)-Ag(24)-Au(5)	78.12(7)

S(23)-Ag(24)-Au(5)	105.84(7)
S(12)-Ag(24)-Au(5)	104.15(7)
Ag(14)-Ag(24)-Au(5)	55.72(2)
Ag(4)-Ag(24)-Au(5)	54.01(2)
S(8)-Ag(24)-Ag(20)	139.03(7)
S(23)-Ag(24)-Ag(20)	74.96(7)
S(12)-Ag(24)-Ag(20)	66.72(7)
Ag(14)-Ag(24)-Ag(20)	66.36(3)
Ag(4)-Ag(24)-Ag(20)	61.50(3)
Au(5)-Ag(24)-Ag(20)	61.55(2)
S(27)-Ag(25)-S(1)	123.78(11)
S(27)-Ag(25)-S(24)	123.38(11)
S(1)-Ag(25)-S(24)	111.18(10)
S(27)-Ag(25)-Ag(5)	90.45(8)
S(1)-Ag(25)-Ag(5)	136.47(7)
S(24)-Ag(25)-Ag(5)	53.27(6)
S(27)-Ag(25)-Ag(8)	93.51(7)
S(1)-Ag(25)-Ag(8)	52.35(7)
S(24)-Ag(25)-Ag(8)	133.52(7)
Ag(5)-Ag(25)-Ag(8)	105.33(4)
S(27)-Ag(25)-Au(6)	77.43(7)
S(1)-Ag(25)-Au(6)	103.56(7)
S(24)-Ag(25)-Au(6)	103.47(6)
Ag(5)-Ag(25)-Au(6)	54.44(2)
Ag(8)-Ag(25)-Au(6)	54.18(2)
S(27)-Ag(25)-Ag(15)	139.31(7)
S(1)-Ag(25)-Ag(15)	75.05(7)
S(24)-Ag(25)-Ag(15)	64.42(7)
Ag(5)-Ag(25)-Ag(15)	61.53(3)
Ag(8)-Ag(25)-Ag(15)	69.15(3)

Au(6)-Ag(25)-Ag(15)	62.44(2)
S(4)-Ag(26)-S(24)	170.89(11)
S(4)-Ag(26)-Ag(12)	54.64(8)
S(24)-Ag(26)-Ag(12)	123.39(8)
S(4)-Ag(26)-Ag(5)	132.15(7)
S(24)-Ag(26)-Ag(5)	55.36(7)
Ag(12)-Ag(26)-Ag(5)	96.33(4)
S(4)-Ag(26)-Ag(15)	112.78(8)
S(24)-Ag(26)-Ag(15)	64.76(8)
Ag(12)-Ag(26)-Ag(15)	58.66(3)
Ag(5)-Ag(26)-Ag(15)	61.02(3)
S(22)-Ag(27)-S(6)	137.96(10)
S(22)-Ag(27)-Au(1)	83.40(7)
S(6)-Ag(27)-Au(1)	136.58(7)
S(22)-Ag(27)-Ag(7)	101.56(7)
S(6)-Ag(27)-Ag(7)	92.71(7)
Au(1)-Ag(27)-Ag(7)	59.59(3)
S(22)-Ag(27)-Au(9)	140.05(7)
S(6)-Ag(27)-Au(9)	80.04(7)
Au(1)-Ag(27)-Au(9)	57.01(2)
Ag(7)-Ag(27)-Au(9)	55.95(2)
S(22)-Ag(27)-Ag(44)	50.09(8)
S(6)-Ag(27)-Ag(44)	152.61(7)
Au(1)-Ag(27)-Ag(44)	57.36(3)
Ag(7)-Ag(27)-Ag(44)	112.22(4)
Au(9)-Ag(27)-Ag(44)	104.04(3)
S(22)-Ag(27)-Ag(43)	110.13(8)
S(6)-Ag(27)-Ag(43)	103.13(7)
Au(1)-Ag(27)-Ag(43)	60.66(3)
Ag(7)-Ag(27)-Ag(43)	106.40(4)

Au(9)-Ag(27)-Ag(43)	57.28(3)
Ag(44)-Ag(27)-Ag(43)	60.10(3)
S(26)-Ag(28)-S(9)	117.46(10)
S(26)-Ag(28)-S(18)	130.54(10)
S(9)-Ag(28)-S(18)	110.05(10)
S(26)-Ag(28)-Ag(10)	96.77(7)
S(9)-Ag(28)-Ag(10)	135.01(7)
S(18)-Ag(28)-Ag(10)	54.35(7)
S(26)-Ag(28)-Ag(6)	87.90(7)
S(9)-Ag(28)-Ag(6)	51.63(7)
S(18)-Ag(28)-Ag(6)	134.77(7)
Ag(10)-Ag(28)-Ag(6)	105.91(4)
S(26)-Ag(28)-Au(2)	76.38(7)
S(9)-Ag(28)-Au(2)	102.95(7)
S(18)-Ag(28)-Au(2)	106.31(7)
Ag(10)-Ag(28)-Au(2)	55.59(2)
Ag(6)-Ag(28)-Au(2)	54.27(2)
S(26)-Ag(28)-Ag(17)	139.40(7)
S(9)-Ag(28)-Ag(17)	74.66(7)
S(18)-Ag(28)-Ag(17)	65.49(7)
Ag(10)-Ag(28)-Ag(17)	60.42(3)
Ag(6)-Ag(28)-Ag(17)	69.51(3)
Au(2)-Ag(28)-Ag(17)	63.02(3)
S(29)-Ag(29)-Au(13)	150.46(7)
S(29)-Ag(29)-Au(16)	114.44(8)
Au(13)-Ag(29)-Au(16)	63.61(2)
S(29)-Ag(29)-Au(3)	95.20(7)
Au(13)-Ag(29)-Au(3)	58.18(2)
Au(16)-Ag(29)-Au(3)	56.19(2)
S(29)-Ag(29)-Ag(8)	95.67(7)

Au(13)-Ag(29)-Ag(8)	58.88(3)
Au(16)-Ag(29)-Ag(8)	103.61(3)
Au(3)-Ag(29)-Ag(8)	52.41(2)
S(29)-Ag(29)-Ag(35)	106.82(7)
Au(13)-Ag(29)-Ag(35)	102.57(3)
Au(16)-Ag(29)-Ag(35)	97.71(3)
Au(3)-Ag(29)-Ag(35)	151.71(4)
Ag(8)-Ag(29)-Ag(35)	138.99(4)
S(29)-Ag(29)-Ag(9)	144.70(8)
Au(13)-Ag(29)-Ag(9)	56.44(3)
Au(16)-Ag(29)-Ag(9)	98.50(3)
Au(3)-Ag(29)-Ag(9)	114.31(3)
Ag(8)-Ag(29)-Ag(9)	88.18(3)
Ag(35)-Ag(29)-Ag(9)	53.95(3)
S(29)-Ag(29)-Au(14)	150.52(7)
Au(13)-Ag(29)-Au(14)	54.47(2)
Au(16)-Ag(29)-Au(14)	53.03(2)
Au(3)-Ag(29)-Au(14)	96.24(3)
Ag(8)-Ag(29)-Au(14)	112.79(3)
Ag(35)-Ag(29)-Au(14)	56.10(2)
Ag(9)-Ag(29)-Au(14)	48.60(2)
S(29)-Ag(29)-Ag(40)	104.31(8)
Au(13)-Ag(29)-Ag(40)	73.73(3)
Au(16)-Ag(29)-Ag(40)	137.17(4)
Au(3)-Ag(29)-Ag(40)	104.32(3)
Ag(8)-Ag(29)-Ag(40)	53.34(3)
Ag(35)-Ag(29)-Ag(40)	87.52(3)
Ag(9)-Ag(29)-Ag(40)	51.52(3)
Au(14)-Ag(29)-Ag(40)	99.02(3)
S(29)-Ag(29)-Au(23)	44.15(7)

Au(13)-Ag(29)-Au(23)	106.32(3)
Au(16)-Ag(29)-Au(23)	98.93(3)
Au(3)-Ag(29)-Au(23)	54.681(19)
Ag(8)-Ag(29)-Au(23)	58.31(2)
Ag(35)-Ag(29)-Au(23)	150.78(3)
Ag(9)-Ag(29)-Au(23)	145.04(4)
Au(14)-Ag(29)-Au(23)	149.87(3)
Ag(40)-Ag(29)-Au(23)	96.29(3)
S(27)-Ag(30)-S(5)	145.65(10)
S(27)-Ag(30)-Au(8)	133.22(7)
S(5)-Ag(30)-Au(8)	79.73(7)
S(27)-Ag(30)-Ag(5)	92.01(7)
S(5)-Ag(30)-Ag(5)	101.53(7)
Au(8)-Ag(30)-Ag(5)	58.23(3)
S(27)-Ag(30)-S(31)	93.48(10)
S(5)-Ag(30)-S(31)	95.56(10)
Au(8)-Ag(30)-S(31)	90.92(6)
Ag(5)-Ag(30)-S(31)	140.56(6)
S(27)-Ag(30)-Au(6)	78.96(7)
S(5)-Ag(30)-Au(6)	134.43(7)
Au(8)-Ag(30)-Au(6)	54.72(2)
Ag(5)-Ag(30)-Au(6)	55.42(3)
S(31)-Ag(30)-Au(6)	87.49(6)
S(27)-Ag(30)-Ag(38)	143.55(7)
S(5)-Ag(30)-Ag(38)	55.51(7)
Au(8)-Ag(30)-Ag(38)	57.98(2)
Ag(5)-Ag(30)-Ag(38)	114.87(4)
S(31)-Ag(30)-Ag(38)	50.09(6)
Au(6)-Ag(30)-Ag(38)	95.88(3)
S(27)-Ag(30)-Au(22)	136.52(7)

S(5)-Ag(30)-Au(22)	44.43(7)
Au(8)-Ag(30)-Au(22)	58.78(2)
Ag(5)-Ag(30)-Au(22)	57.11(3)
S(31)-Ag(30)-Au(22)	129.97(6)
Au(6)-Ag(30)-Au(22)	101.64(3)
Ag(38)-Ag(30)-Au(22)	79.93(3)
S(27)-Ag(30)-Ag(33)	49.65(7)
S(5)-Ag(30)-Ag(33)	151.02(7)
Au(8)-Ag(30)-Ag(33)	98.28(3)
Ag(5)-Ag(30)-Ag(33)	101.76(4)
S(31)-Ag(30)-Ag(33)	55.46(7)
Au(6)-Ag(30)-Ag(33)	52.49(2)
Ag(38)-Ag(30)-Ag(33)	98.71(4)
Au(22)-Ag(30)-Ag(33)	154.03(3)
S(11)-Ag(31)-S(23)	169.55(11)
S(11)-Ag(31)-Ag(14)	123.34(8)
S(23)-Ag(31)-Ag(14)	55.12(8)
S(11)-Ag(31)-Ag(11)	54.95(7)
S(23)-Ag(31)-Ag(11)	134.08(7)
Ag(14)-Ag(31)-Ag(11)	97.19(4)
S(11)-Ag(31)-S(30)	106.33(10)
S(23)-Ag(31)-S(30)	83.63(10)
Ag(14)-Ag(31)-S(30)	104.26(6)
Ag(11)-Ag(31)-S(30)	67.51(6)
S(11)-Ag(31)-Ag(16)	64.36(8)
S(23)-Ag(31)-Ag(16)	113.30(8)
Ag(14)-Ag(31)-Ag(16)	59.00(3)
Ag(11)-Ag(31)-Ag(16)	61.91(3)
S(30)-Ag(31)-Ag(16)	122.43(6)
S(26)-Ag(32)-S(7)	143.36(10)

S(26)-Ag(32)-Au(10)	136.97(7)
S(7)-Ag(32)-Au(10)	79.25(7)
S(26)-Ag(32)-Ag(10)	97.61(7)
S(7)-Ag(32)-Ag(10)	100.61(7)
Au(10)-Ag(32)-Ag(10)	57.79(3)
S(26)-Ag(32)-Au(2)	80.77(7)
S(7)-Ag(32)-Au(2)	135.64(7)
Au(10)-Ag(32)-Au(2)	56.39(2)
Ag(10)-Ag(32)-Au(2)	57.39(2)
S(26)-Ag(32)-Ag(38)	52.35(8)
S(7)-Ag(32)-Ag(38)	143.81(8)
Au(10)-Ag(32)-Ag(38)	99.51(3)
Ag(10)-Ag(32)-Ag(38)	109.24(4)
Au(2)-Ag(32)-Ag(38)	55.67(2)
S(26)-Ag(32)-Au(21)	140.72(8)
S(7)-Ag(32)-Au(21)	44.21(7)
Au(10)-Ag(32)-Au(21)	57.56(2)
Ag(10)-Ag(32)-Au(21)	56.39(2)
Au(2)-Ag(32)-Au(21)	102.91(3)
Ag(38)-Ag(32)-Au(21)	156.57(4)
S(27)-Ag(33)-S(13)	130.16(10)
S(27)-Ag(33)-Au(6)	82.75(7)
S(13)-Ag(33)-Au(6)	134.49(7)
S(27)-Ag(33)-S(31)	93.33(10)
S(13)-Ag(33)-S(31)	112.10(10)
Au(6)-Ag(33)-S(31)	92.77(6)
S(27)-Ag(33)-Au(3)	136.68(7)
S(13)-Ag(33)-Au(3)	79.79(7)
Au(6)-Ag(33)-Au(3)	57.07(2)
S(31)-Ag(33)-Au(3)	103.23(6)

S(27)-Ag(33)-Ag(8)	91.65(7)
S(13)-Ag(33)-Ag(8)	88.26(7)
Au(6)-Ag(33)-Ag(8)	56.25(3)
S(31)-Ag(33)-Ag(8)	147.67(6)
Au(3)-Ag(33)-Ag(8)	54.22(2)
S(27)-Ag(33)-Ag(46)	122.66(8)
S(13)-Ag(33)-Ag(46)	104.42(7)
Au(6)-Ag(33)-Ag(46)	67.31(3)
S(31)-Ag(33)-Ag(46)	44.17(6)
Au(3)-Ag(33)-Ag(46)	59.17(3)
Ag(8)-Ag(33)-Ag(46)	108.05(3)
S(27)-Ag(33)-Ag(30)	48.28(8)
S(13)-Ag(33)-Ag(30)	165.28(7)
Au(6)-Ag(33)-Ag(30)	59.17(3)
S(31)-Ag(33)-Ag(30)	56.59(6)
Au(3)-Ag(33)-Ag(30)	110.90(3)
Ag(8)-Ag(33)-Ag(30)	106.15(4)
Ag(46)-Ag(33)-Ag(30)	74.42(3)
S(9)-Ag(34)-S(16)	171.30(11)
S(9)-Ag(34)-Ag(2)	132.23(7)
S(16)-Ag(34)-Ag(2)	55.82(7)
S(9)-Ag(34)-Ag(6)	53.75(7)
S(16)-Ag(34)-Ag(6)	126.02(7)
Ag(2)-Ag(34)-Ag(6)	98.26(4)
S(9)-Ag(34)-S(14)	84.06(10)
S(16)-Ag(34)-S(14)	103.63(10)
Ag(2)-Ag(34)-S(14)	66.83(6)
Ag(6)-Ag(34)-S(14)	106.81(6)
S(9)-Ag(34)-Ag(19)	114.87(7)
S(16)-Ag(34)-Ag(19)	64.79(7)

Ag(2)-Ag(34)-Ag(19)	59.75(3)
Ag(6)-Ag(34)-Ag(19)	61.38(3)
S(14)-Ag(34)-Ag(19)	121.30(5)
S(28)-Ag(35)-S(15)	129.23(11)
S(28)-Ag(35)-S(21)	116.25(11)
S(15)-Ag(35)-S(21)	112.90(10)
S(28)-Ag(35)-Ag(13)	97.83(8)
S(15)-Ag(35)-Ag(13)	53.73(7)
S(21)-Ag(35)-Ag(13)	133.14(7)
S(28)-Ag(35)-Ag(9)	84.95(7)
S(15)-Ag(35)-Ag(9)	138.21(7)
S(21)-Ag(35)-Ag(9)	51.53(7)
Ag(13)-Ag(35)-Ag(9)	105.11(4)
S(28)-Ag(35)-Au(14)	76.87(7)
S(15)-Ag(35)-Au(14)	106.13(7)
S(21)-Ag(35)-Au(14)	100.56(7)
Ag(13)-Ag(35)-Au(14)	55.22(3)
Ag(9)-Ag(35)-Au(14)	53.01(2)
S(28)-Ag(35)-Ag(29)	137.95(7)
S(15)-Ag(35)-Ag(29)	74.97(7)
S(21)-Ag(35)-Ag(29)	65.51(7)
Ag(13)-Ag(35)-Ag(29)	67.64(3)
Ag(9)-Ag(35)-Ag(29)	63.29(3)
Au(14)-Ag(35)-Ag(29)	62.29(3)
S(15)-Ag(36)-S(12)	170.58(11)
S(15)-Ag(36)-Ag(4)	131.66(7)
S(12)-Ag(36)-Ag(4)	56.91(8)
S(15)-Ag(36)-Ag(13)	55.46(7)
S(12)-Ag(36)-Ag(13)	124.20(7)
Ag(4)-Ag(36)-Ag(13)	95.50(4)

S(18)-Ag(37)-S(10)	169.47(11)
S(18)-Ag(37)-S(3)	105.25(10)
S(10)-Ag(37)-S(3)	85.22(10)
S(18)-Ag(37)-Ag(10)	55.85(7)
S(10)-Ag(37)-Ag(10)	131.52(7)
S(3)-Ag(37)-Ag(10)	67.98(6)
S(18)-Ag(37)-Ag(7)	121.99(8)
S(10)-Ag(37)-Ag(7)	54.48(7)
S(3)-Ag(37)-Ag(7)	105.04(6)
Ag(10)-Ag(37)-Ag(7)	93.32(3)
S(26)-Ag(38)-S(31)	130.63(10)
S(26)-Ag(38)-S(5)	113.05(10)
S(31)-Ag(38)-S(5)	98.18(10)
S(26)-Ag(38)-Au(2)	81.14(7)
S(31)-Ag(38)-Au(2)	113.67(7)
S(5)-Ag(38)-Au(2)	122.50(6)
S(26)-Ag(38)-Au(8)	128.43(7)
S(31)-Ag(38)-Au(8)	95.44(7)
S(5)-Ag(38)-Au(8)	74.52(6)
Au(2)-Ag(38)-Au(8)	56.66(2)
S(26)-Ag(38)-Ag(46)	120.45(7)
S(31)-Ag(38)-Ag(46)	47.57(7)
S(5)-Ag(38)-Ag(46)	126.42(7)
Au(2)-Ag(38)-Ag(46)	66.13(3)
Au(8)-Ag(38)-Ag(46)	70.91(3)
S(26)-Ag(38)-Ag(32)	50.19(7)
S(31)-Ag(38)-Ag(32)	96.25(7)
S(5)-Ag(38)-Ag(32)	163.08(7)
Au(2)-Ag(38)-Ag(32)	58.16(2)
Au(8)-Ag(38)-Ag(32)	112.87(3)

Ag(46)-Ag(38)-Ag(32)	70.27(3)
S(26)-Ag(38)-Ag(30)	162.10(7)
S(31)-Ag(38)-Ag(30)	59.46(7)
S(5)-Ag(38)-Ag(30)	49.17(7)
Au(2)-Ag(38)-Ag(30)	109.41(3)
Au(8)-Ag(38)-Ag(30)	54.98(2)
Ag(46)-Ag(38)-Ag(30)	77.42(3)
Ag(32)-Ag(38)-Ag(30)	147.67(4)
S(26)-Ag(38)-Ag(6)	81.61(7)
S(31)-Ag(38)-Ag(6)	145.94(7)
S(5)-Ag(38)-Ag(6)	73.20(7)
Au(2)-Ag(38)-Ag(6)	53.34(2)
Au(8)-Ag(38)-Ag(6)	50.56(2)
Ag(46)-Ag(38)-Ag(6)	110.99(3)
Ag(32)-Ag(38)-Ag(6)	99.29(3)
Ag(30)-Ag(38)-Ag(6)	93.08(3)
S(28)-Ag(39)-S(19)	133.38(11)
S(28)-Ag(39)-S(32)	95.32(10)
S(19)-Ag(39)-S(32)	109.46(10)
S(28)-Ag(39)-Au(11)	133.41(7)
S(19)-Ag(39)-Au(11)	80.36(7)
S(32)-Ag(39)-Au(11)	101.62(6)
S(28)-Ag(39)-Au(14)	80.57(7)
S(19)-Ag(39)-Au(14)	135.54(7)
S(32)-Ag(39)-Au(14)	90.62(6)
Au(11)-Ag(39)-Au(14)	56.43(2)
S(28)-Ag(39)-Ag(9)	85.25(8)
S(19)-Ag(39)-Ag(9)	94.60(7)
S(32)-Ag(39)-Ag(9)	145.03(6)
Au(11)-Ag(39)-Ag(9)	56.79(3)

Au(14)-Ag(39)-Ag(9)	54.87(2)
S(28)-Ag(39)-Ag(42)	52.30(8)
S(19)-Ag(39)-Ag(42)	163.52(7)
S(32)-Ag(39)-Ag(42)	54.68(7)
Au(11)-Ag(39)-Ag(42)	105.87(3)
Au(14)-Ag(39)-Ag(42)	55.59(2)
Ag(9)-Ag(39)-Ag(42)	101.57(3)
S(28)-Ag(39)-Ag(45)	167.41(8)
S(19)-Ag(39)-Ag(45)	50.37(7)
S(32)-Ag(39)-Ag(45)	72.99(7)
Au(11)-Ag(39)-Ag(45)	55.74(2)
Au(14)-Ag(39)-Ag(45)	103.73(3)
Ag(9)-Ag(39)-Ag(45)	106.96(4)
Ag(42)-Ag(39)-Ag(45)	120.31(4)
S(21)-Ag(40)-S(1)	168.20(11)
S(21)-Ag(40)-Ag(9)	54.71(8)
S(1)-Ag(40)-Ag(9)	136.64(7)
S(21)-Ag(40)-Ag(8)	125.90(8)
S(1)-Ag(40)-Ag(8)	54.68(7)
Ag(9)-Ag(40)-Ag(8)	100.92(4)
S(21)-Ag(40)-S(17)	103.77(10)
S(1)-Ag(40)-S(17)	85.98(10)
Ag(9)-Ag(40)-S(17)	67.78(6)
Ag(8)-Ag(40)-S(17)	109.09(6)
S(21)-Ag(40)-Ag(29)	66.75(8)
S(1)-Ag(40)-Ag(29)	113.19(7)
Ag(9)-Ag(40)-Ag(29)	63.61(3)
Ag(8)-Ag(40)-Ag(29)	59.25(3)
S(17)-Ag(40)-Ag(29)	125.14(6)
S(8)-Ag(41)-S(7)	136.79(10)

S(8)-Ag(41)-Au(5)	84.44(7)
S(7)-Ag(41)-Au(5)	135.40(7)
S(8)-Ag(41)-Au(10)	140.66(7)
S(7)-Ag(41)-Au(10)	78.90(7)
Au(5)-Ag(41)-Au(10)	57.09(2)
S(8)-Ag(41)-Ag(14)	98.85(8)
S(7)-Ag(41)-Ag(14)	92.71(7)
Au(5)-Ag(41)-Ag(14)	58.23(3)
Au(10)-Ag(41)-Ag(14)	55.89(3)
S(8)-Ag(41)-Ag(46)	106.48(7)
S(7)-Ag(41)-Ag(46)	109.77(7)
Au(5)-Ag(41)-Ag(46)	57.46(2)
Au(10)-Ag(41)-Ag(46)	61.63(2)
Ag(14)-Ag(41)-Ag(46)	106.54(3)
S(8)-Ag(41)-Ag(23)	48.22(7)
S(7)-Ag(41)-Ag(23)	158.73(7)
Au(5)-Ag(41)-Ag(23)	56.42(2)
Au(10)-Ag(41)-Ag(23)	106.32(3)
Ag(14)-Ag(41)-Ag(23)	107.37(4)
Ag(46)-Ag(41)-Ag(23)	58.43(3)
S(25)-Ag(42)-S(28)	136.03(10)
S(25)-Ag(42)-S(32)	105.04(10)
S(28)-Ag(42)-S(32)	96.67(10)
S(25)-Ag(42)-Au(14)	132.19(7)
S(28)-Ag(42)-Au(14)	81.97(7)
S(32)-Ag(42)-Au(14)	94.86(6)
S(25)-Ag(42)-Au(12)	77.47(7)
S(28)-Ag(42)-Au(12)	136.06(7)
S(32)-Ag(42)-Au(12)	99.70(7)
Au(14)-Ag(42)-Au(12)	56.30(2)

S(25)-Ag(42)-Ag(13)	88.05(7)
S(28)-Ag(42)-Ag(13)	93.40(7)
S(32)-Ag(42)-Ag(13)	147.88(6)
Au(14)-Ag(42)-Ag(13)	56.48(3)
Au(12)-Ag(42)-Ag(13)	53.94(2)
S(25)-Ag(42)-Ag(39)	162.18(8)
S(28)-Ag(42)-Ag(39)	51.05(7)
S(32)-Ag(42)-Ag(39)	57.55(7)
Au(14)-Ag(42)-Ag(39)	58.86(3)
Au(12)-Ag(42)-Ag(39)	107.47(3)
Ag(13)-Ag(42)-Ag(39)	108.83(4)
S(25)-Ag(42)-Ag(44)	53.06(8)
S(28)-Ag(42)-Ag(44)	160.61(7)
S(32)-Ag(42)-Ag(44)	64.26(7)
Au(14)-Ag(42)-Ag(44)	102.22(3)
Au(12)-Ag(42)-Ag(44)	56.03(3)
Ag(13)-Ag(42)-Ag(44)	104.75(4)
Ag(39)-Ag(42)-Ag(44)	114.84(4)
S(32)-Ag(43)-Ag(3)	140.72(8)
S(32)-Ag(43)-Au(4)	139.40(8)
Ag(3)-Ag(43)-Au(4)	62.16(3)
S(32)-Ag(43)-Au(9)	152.11(8)
Ag(3)-Ag(43)-Au(9)	63.74(3)
Au(4)-Ag(43)-Au(9)	54.85(2)
S(32)-Ag(43)-Ag(45)	83.50(8)
Ag(3)-Ag(43)-Ag(45)	107.02(4)
Au(4)-Ag(43)-Ag(45)	55.93(3)
Au(9)-Ag(43)-Ag(45)	103.31(3)
S(32)-Ag(43)-Au(1)	120.68(8)
Ag(3)-Ag(43)-Au(1)	58.47(3)

Au(4)-Ag(43)-Au(1)	99.86(3)
Au(9)-Ag(43)-Au(1)	53.14(2)
Ag(45)-Ag(43)-Au(1)	155.29(4)
S(32)-Ag(43)-Au(11)	104.27(8)
Ag(3)-Ag(43)-Au(11)	58.77(3)
Au(4)-Ag(43)-Au(11)	53.26(2)
Au(9)-Ag(43)-Au(11)	101.61(3)
Ag(45)-Ag(43)-Au(11)	54.97(2)
Au(1)-Ag(43)-Au(11)	117.03(3)
S(32)-Ag(43)-Ag(21)	108.93(8)
Ag(3)-Ag(43)-Ag(21)	109.44(4)
Au(4)-Ag(43)-Ag(21)	56.45(3)
Au(9)-Ag(43)-Ag(21)	54.40(2)
Ag(45)-Ag(43)-Ag(21)	62.67(3)
Au(1)-Ag(43)-Ag(21)	101.32(3)
Au(11)-Ag(43)-Ag(21)	103.04(3)
S(32)-Ag(43)-Ag(44)	66.59(8)
Ag(3)-Ag(43)-Ag(44)	100.34(4)
Au(4)-Ag(43)-Ag(44)	153.78(4)
Au(9)-Ag(43)-Ag(44)	100.74(3)
Ag(45)-Ag(43)-Ag(44)	149.47(4)
Au(1)-Ag(43)-Ag(44)	54.09(2)
Au(11)-Ag(43)-Ag(44)	136.60(4)
Ag(21)-Ag(43)-Ag(44)	120.21(4)
S(32)-Ag(43)-Ag(27)	98.67(8)
Ag(3)-Ag(43)-Ag(27)	105.04(4)
Au(4)-Ag(43)-Ag(27)	105.29(3)
Au(9)-Ag(43)-Ag(27)	54.99(2)
Ag(45)-Ag(43)-Ag(27)	124.51(4)
Au(1)-Ag(43)-Ag(27)	51.89(2)

Au(11)-Ag(43)-Ag(27)	156.60(4)
Ag(21)-Ag(43)-Ag(27)	64.45(3)
Ag(44)-Ag(43)-Ag(27)	58.19(3)
S(22)-Ag(44)-S(25)	128.09(10)
S(22)-Ag(44)-Au(12)	132.37(7)
S(25)-Ag(44)-Au(12)	76.72(7)
S(22)-Ag(44)-Au(1)	81.62(7)
S(25)-Ag(44)-Au(1)	131.28(7)
Au(12)-Ag(44)-Au(1)	56.98(2)
S(22)-Ag(44)-Ag(11)	83.15(7)
S(25)-Ag(44)-Ag(11)	88.58(7)
Au(12)-Ag(44)-Ag(11)	54.58(2)
Au(1)-Ag(44)-Ag(11)	53.78(2)
S(22)-Ag(44)-Ag(42)	169.57(7)
S(25)-Ag(44)-Ag(42)	49.29(7)
Au(12)-Ag(44)-Ag(42)	58.06(3)
Au(1)-Ag(44)-Ag(42)	107.50(3)
Ag(11)-Ag(44)-Ag(42)	106.20(4)
S(22)-Ag(44)-Ag(27)	50.06(8)
S(25)-Ag(44)-Ag(27)	173.86(7)
Au(12)-Ag(44)-Ag(27)	108.87(3)
Au(1)-Ag(44)-Ag(27)	54.83(3)
Ag(11)-Ag(44)-Ag(27)	96.76(4)
Ag(42)-Ag(44)-Ag(27)	131.14(4)
S(22)-Ag(44)-Ag(43)	111.70(8)
S(25)-Ag(44)-Ag(43)	119.37(7)
Au(12)-Ag(44)-Ag(43)	69.86(3)
Au(1)-Ag(44)-Ag(43)	60.59(2)
Ag(11)-Ag(44)-Ag(43)	109.14(3)
Ag(42)-Ag(44)-Ag(43)	70.09(3)

Ag(27)-Ag(44)-Ag(43)	61.71(3)
S(20)-Ag(45)-S(19)	131.76(9)
S(20)-Ag(45)-Au(4)	84.98(7)
S(19)-Ag(45)-Au(4)	134.75(7)
S(20)-Ag(45)-Au(11)	140.40(7)
S(19)-Ag(45)-Au(11)	79.03(6)
Au(4)-Ag(45)-Au(11)	57.46(2)
S(20)-Ag(45)-Ag(12)	95.38(8)
S(19)-Ag(45)-Ag(12)	89.31(7)
Au(4)-Ag(45)-Ag(12)	57.33(3)
Au(11)-Ag(45)-Ag(12)	55.51(3)
S(20)-Ag(45)-Ag(43)	108.52(7)
S(19)-Ag(45)-Ag(43)	115.46(7)
Au(4)-Ag(45)-Ag(43)	58.70(3)
Au(11)-Ag(45)-Ag(43)	64.55(3)
Ag(12)-Ag(45)-Ag(43)	108.02(3)
S(20)-Ag(45)-Ag(21)	48.14(7)
S(19)-Ag(45)-Ag(21)	166.25(7)
Au(4)-Ag(45)-Ag(21)	56.38(3)
Au(11)-Ag(45)-Ag(21)	108.59(3)
Ag(12)-Ag(45)-Ag(21)	104.43(4)
Ag(43)-Ag(45)-Ag(21)	60.67(3)
S(20)-Ag(45)-Ag(39)	162.02(8)
S(19)-Ag(45)-Ag(39)	49.42(7)
Au(4)-Ag(45)-Ag(39)	104.75(3)
Au(11)-Ag(45)-Ag(39)	54.62(2)
Ag(12)-Ag(45)-Ag(39)	102.60(4)
Ag(43)-Ag(45)-Ag(39)	66.08(3)
Ag(21)-Ag(45)-Ag(39)	125.32(4)
S(31)-Ag(46)-Ag(1)	141.48(8)

S(31)-Ag(46)-Au(5)	151.40(8)
Ag(1)-Ag(46)-Au(5)	62.37(3)
S(31)-Ag(46)-Au(3)	116.00(8)
Ag(1)-Ag(46)-Au(3)	60.78(3)
Au(5)-Ag(46)-Au(3)	54.77(2)
S(31)-Ag(46)-Ag(38)	56.35(8)
Ag(1)-Ag(46)-Ag(38)	101.31(4)
Au(5)-Ag(46)-Ag(38)	149.09(4)
Au(3)-Ag(46)-Ag(38)	142.79(4)
S(31)-Ag(46)-Au(10)	141.62(8)
Ag(1)-Ag(46)-Au(10)	62.27(3)
Au(5)-Ag(46)-Au(10)	53.75(2)
Au(3)-Ag(46)-Au(10)	102.11(3)
Ag(38)-Ag(46)-Au(10)	95.76(3)
S(31)-Ag(46)-Ag(23)	94.56(8)
Ag(1)-Ag(46)-Ag(23)	108.44(4)
Au(5)-Ag(46)-Ag(23)	57.43(3)
Au(3)-Ag(46)-Ag(23)	54.62(2)
Ag(38)-Ag(46)-Ag(23)	149.37(4)
Au(10)-Ag(46)-Ag(23)	104.27(3)
S(31)-Ag(46)-Ag(41)	109.60(8)
Ag(1)-Ag(46)-Ag(41)	108.37(4)
Au(5)-Ag(46)-Ag(41)	54.98(3)
Au(3)-Ag(46)-Ag(41)	102.33(3)
Ag(38)-Ag(46)-Ag(41)	114.59(4)
Au(10)-Ag(46)-Ag(41)	54.64(2)
Ag(23)-Ag(46)-Ag(41)	62.69(3)
S(31)-Ag(46)-Au(2)	109.72(8)
Ag(1)-Ag(46)-Au(2)	56.80(3)
Au(5)-Ag(46)-Au(2)	97.38(3)

Au(3)-Ag(46)-Au(2)	117.46(3)
Ag(38)-Ag(46)-Au(2)	53.39(2)
Au(10)-Ag(46)-Au(2)	51.037(19)
Ag(23)-Ag(46)-Au(2)	154.28(4)
Ag(41)-Ag(46)-Au(2)	99.91(3)
S(31)-Ag(46)-Ag(33)	60.54(8)
Ag(1)-Ag(46)-Ag(33)	101.93(4)
Au(5)-Ag(46)-Ag(33)	105.84(3)
Au(3)-Ag(46)-Ag(33)	55.59(2)
Ag(38)-Ag(46)-Ag(33)	103.14(3)
Au(10)-Ag(46)-Ag(33)	157.70(4)
Ag(23)-Ag(46)-Ag(33)	64.07(3)
Ag(41)-Ag(46)-Ag(33)	124.52(4)
Au(2)-Ag(46)-Ag(33)	135.52(3)
S(31)-Ag(46)-Au(6)	91.29(8)
Ag(1)-Ag(46)-Au(6)	55.93(3)
Au(5)-Ag(46)-Au(6)	97.85(3)
Au(3)-Ag(46)-Au(6)	50.297(18)
Ag(38)-Ag(46)-Au(6)	92.49(3)
Au(10)-Ag(46)-Au(6)	118.08(3)
Ag(23)-Ag(46)-Au(6)	98.05(3)
Ag(41)-Ag(46)-Au(6)	151.86(4)
Au(2)-Ag(46)-Au(6)	89.98(2)
Ag(33)-Ag(46)-Au(6)	50.12(2)
Au(9)-Au(1)-Ag(11)	172.77(3)
Au(9)-Au(1)-Au(12)	125.44(2)
Ag(11)-Au(1)-Au(12)	60.73(2)
Au(9)-Au(1)-Au(18)	61.402(16)
Ag(11)-Au(1)-Au(18)	113.50(3)
Au(12)-Au(1)-Au(18)	114.28(2)

Au(9)-Au(1)-Au(17)	115.91(2)
Ag(11)-Au(1)-Au(17)	62.67(2)
Au(12)-Au(1)-Au(17)	60.025(17)
Au(18)-Au(1)-Au(17)	61.839(16)
Au(9)-Au(1)-Ag(27)	63.51(2)
Ag(11)-Au(1)-Ag(27)	117.17(3)
Au(12)-Au(1)-Ag(27)	124.95(3)
Au(18)-Au(1)-Ag(27)	114.83(3)
Au(17)-Au(1)-Ag(27)	174.69(3)
Au(9)-Au(1)-Ag(7)	58.69(2)
Ag(11)-Au(1)-Ag(7)	114.73(3)
Au(12)-Au(1)-Ag(7)	172.50(3)
Au(18)-Au(1)-Ag(7)	61.06(2)
Au(17)-Au(1)-Ag(7)	112.87(3)
Ag(27)-Au(1)-Ag(7)	62.07(3)
Au(9)-Au(1)-Ag(3)	65.36(2)
Ag(11)-Au(1)-Ag(3)	118.58(3)
Au(12)-Au(1)-Ag(3)	63.84(2)
Au(18)-Au(1)-Ag(3)	68.52(2)
Au(17)-Au(1)-Ag(3)	68.30(2)
Ag(27)-Au(1)-Ag(3)	114.95(3)
Ag(7)-Au(1)-Ag(3)	116.98(3)
Au(9)-Au(1)-Ag(44)	117.45(3)
Ag(11)-Au(1)-Ag(44)	68.17(3)
Au(12)-Au(1)-Ag(44)	61.22(2)
Au(18)-Au(1)-Ag(44)	174.19(3)
Au(17)-Au(1)-Ag(44)	115.92(3)
Ag(27)-Au(1)-Ag(44)	67.82(3)
Ag(7)-Au(1)-Ag(44)	123.83(3)
Ag(3)-Au(1)-Ag(44)	105.71(3)

Au(9)-Au(1)-Ag(18)	114.62(3)
Ag(11)-Au(1)-Ag(18)	60.51(3)
Au(12)-Au(1)-Ag(18)	118.57(3)
Au(18)-Au(1)-Ag(18)	103.86(3)
Au(17)-Au(1)-Ag(18)	105.48(3)
Ag(27)-Au(1)-Ag(18)	70.84(3)
Ag(7)-Au(1)-Ag(18)	59.48(3)
Ag(3)-Au(1)-Ag(18)	171.67(3)
Ag(44)-Au(1)-Ag(18)	81.85(3)
Au(9)-Au(1)-Ag(43)	61.28(2)
Ag(11)-Au(1)-Ag(43)	125.91(3)
Au(12)-Au(1)-Ag(43)	73.46(2)
Au(18)-Au(1)-Ag(43)	110.42(2)
Au(17)-Au(1)-Ag(43)	117.26(2)
Ag(27)-Au(1)-Ag(43)	67.45(3)
Ag(7)-Au(1)-Ag(43)	113.34(3)
Ag(3)-Au(1)-Ag(43)	53.89(2)
Ag(44)-Au(1)-Ag(43)	65.32(3)
Ag(18)-Au(1)-Ag(43)	134.04(3)
Au(9)-Au(1)-Ag(16)	109.24(2)
Ag(11)-Au(1)-Ag(16)	64.01(3)
Au(12)-Au(1)-Ag(16)	105.55(2)
Au(18)-Au(1)-Ag(16)	53.98(2)
Au(17)-Au(1)-Ag(16)	52.02(2)
Ag(27)-Au(1)-Ag(16)	122.78(3)
Ag(7)-Au(1)-Ag(16)	67.01(3)
Ag(3)-Au(1)-Ag(16)	110.03(3)
Ag(44)-Au(1)-Ag(16)	129.66(3)
Ag(18)-Au(1)-Ag(16)	61.80(3)
Ag(43)-Au(1)-Ag(16)	163.08(3)

Au(10)-Au(2)-Au(8)	125.49(2)
Au(10)-Au(2)-Au(7)	115.54(2)
Au(8)-Au(2)-Au(7)	60.884(16)
Au(10)-Au(2)-Ag(10)	60.69(2)
Au(8)-Au(2)-Ag(10)	170.31(3)
Au(7)-Au(2)-Ag(10)	110.27(3)
Au(10)-Au(2)-Ag(6)	175.50(3)
Au(8)-Au(2)-Ag(6)	58.30(2)
Au(7)-Au(2)-Ag(6)	63.41(2)
Ag(10)-Au(2)-Ag(6)	115.21(3)
Au(10)-Au(2)-Au(18)	60.051(16)
Au(8)-Au(2)-Au(18)	114.51(2)
Au(7)-Au(2)-Au(18)	62.040(16)
Ag(10)-Au(2)-Au(18)	60.59(2)
Ag(6)-Au(2)-Au(18)	116.80(3)
Au(10)-Au(2)-Ag(38)	111.27(3)
Au(8)-Au(2)-Ag(38)	64.35(2)
Au(7)-Au(2)-Ag(38)	121.71(3)
Ag(10)-Au(2)-Ag(38)	122.17(3)
Ag(6)-Au(2)-Ag(38)	72.23(3)
Au(18)-Au(2)-Ag(38)	169.36(3)
Au(10)-Au(2)-Ag(1)	65.72(2)
Au(8)-Au(2)-Ag(1)	63.56(2)
Au(7)-Au(2)-Ag(1)	68.37(2)
Ag(10)-Au(2)-Ag(1)	118.36(3)
Ag(6)-Au(2)-Ag(1)	116.72(3)
Au(18)-Au(2)-Ag(1)	67.79(2)
Ag(38)-Au(2)-Ag(1)	103.58(3)
Au(10)-Au(2)-Ag(32)	61.29(2)
Au(8)-Au(2)-Ag(32)	127.83(3)

Au(7)-Au(2)-Ag(32)	171.26(3)
Ag(10)-Au(2)-Ag(32)	60.98(3)
Ag(6)-Au(2)-Ag(32)	119.04(3)
Au(18)-Au(2)-Ag(32)	110.98(2)
Ag(38)-Au(2)-Ag(32)	66.17(3)
Ag(1)-Au(2)-Ag(32)	114.93(3)
Au(10)-Au(2)-Ag(28)	115.22(2)
Au(8)-Au(2)-Ag(28)	118.15(3)
Au(7)-Au(2)-Ag(28)	103.88(3)
Ag(10)-Au(2)-Ag(28)	58.26(3)
Ag(6)-Au(2)-Ag(28)	61.70(3)
Au(18)-Au(2)-Ag(28)	104.13(3)
Ag(38)-Au(2)-Ag(28)	84.97(3)
Ag(1)-Au(2)-Ag(28)	170.57(3)
Ag(32)-Au(2)-Ag(28)	71.96(3)
Au(10)-Au(2)-Ag(46)	62.68(2)
Au(8)-Au(2)-Ag(46)	71.29(2)
Au(7)-Au(2)-Ag(46)	115.58(2)
Ag(10)-Au(2)-Ag(46)	117.79(3)
Ag(6)-Au(2)-Ag(46)	121.81(3)
Au(18)-Au(2)-Ag(46)	108.90(2)
Ag(38)-Au(2)-Ag(46)	60.48(3)
Ag(1)-Au(2)-Ag(46)	52.32(2)
Ag(32)-Au(2)-Ag(46)	70.95(3)
Ag(28)-Au(2)-Ag(46)	136.98(3)
Au(10)-Au(2)-Ag(17)	104.41(2)
Au(8)-Au(2)-Ag(17)	109.96(2)
Au(7)-Au(2)-Ag(17)	54.14(2)
Ag(10)-Au(2)-Ag(17)	60.35(3)
Ag(6)-Au(2)-Ag(17)	71.33(3)

Au(18)-Au(2)-Ag(17)	51.84(2)
Ag(38)-Au(2)-Ag(17)	138.80(3)
Ag(1)-Au(2)-Ag(17)	109.51(3)
Ag(32)-Au(2)-Ag(17)	117.75(3)
Ag(28)-Au(2)-Ag(17)	61.05(3)
Ag(46)-Au(2)-Ag(17)	160.12(3)
Ag(8)-Au(3)-Au(6)	60.79(2)
Ag(8)-Au(3)-Au(5)	175.32(3)
Au(6)-Au(3)-Au(5)	119.18(2)
Ag(8)-Au(3)-Au(16)	114.88(3)
Au(6)-Au(3)-Au(16)	112.88(2)
Au(5)-Au(3)-Au(16)	60.556(17)
Ag(8)-Au(3)-Ag(4)	120.61(3)
Au(6)-Au(3)-Ag(4)	173.95(3)
Au(5)-Au(3)-Ag(4)	58.87(2)
Au(16)-Au(3)-Ag(4)	61.08(2)
Ag(8)-Au(3)-Au(13)	62.27(2)
Au(6)-Au(3)-Au(13)	59.548(16)
Au(5)-Au(3)-Au(13)	113.38(2)
Au(16)-Au(3)-Au(13)	62.287(16)
Ag(4)-Au(3)-Au(13)	115.27(3)
Ag(8)-Au(3)-Ag(23)	121.35(3)
Au(6)-Au(3)-Ag(23)	123.42(3)
Au(5)-Au(3)-Ag(23)	62.93(2)
Au(16)-Au(3)-Ag(23)	113.63(3)
Ag(4)-Au(3)-Ag(23)	61.58(3)
Au(13)-Au(3)-Ag(23)	175.88(3)
Ag(8)-Au(3)-Ag(1)	116.52(3)
Au(6)-Au(3)-Ag(1)	61.44(2)
Au(5)-Au(3)-Ag(1)	61.51(2)

Au(16)-Au(3)-Ag(1)	67.75(2)
Ag(4)-Au(3)-Ag(1)	114.38(3)
Au(13)-Au(3)-Ag(1)	67.49(2)
Ag(23)-Au(3)-Ag(1)	110.92(3)
Ag(8)-Au(3)-Ag(33)	65.22(3)
Au(6)-Au(3)-Ag(33)	58.85(2)
Au(5)-Au(3)-Ag(33)	119.09(3)
Au(16)-Au(3)-Ag(33)	171.06(3)
Ag(4)-Au(3)-Ag(33)	127.20(3)
Au(13)-Au(3)-Ag(33)	112.24(3)
Ag(23)-Au(3)-Ag(33)	71.73(3)
Ag(1)-Au(3)-Ag(33)	103.89(3)
Ag(8)-Au(3)-Au(23)	67.10(2)
Au(6)-Au(3)-Au(23)	122.59(2)
Au(5)-Au(3)-Au(23)	114.74(2)
Au(16)-Au(3)-Au(23)	109.40(2)
Ag(4)-Au(3)-Au(23)	61.61(2)
Au(13)-Au(3)-Au(23)	114.08(2)
Ag(23)-Au(3)-Au(23)	67.25(2)
Ag(1)-Au(3)-Au(23)	175.97(3)
Ag(33)-Au(3)-Au(23)	79.10(2)
Ag(8)-Au(3)-Ag(46)	123.07(3)
Au(6)-Au(3)-Ag(46)	70.59(2)
Au(5)-Au(3)-Ag(46)	59.76(2)
Au(16)-Au(3)-Ag(46)	109.85(2)
Ag(4)-Au(3)-Ag(46)	110.93(3)
Au(13)-Au(3)-Ag(46)	115.56(3)
Ag(23)-Au(3)-Ag(46)	64.66(3)
Ag(1)-Au(3)-Ag(46)	53.50(2)
Ag(33)-Au(3)-Ag(46)	65.24(3)

Au(23)-Au(3)-Ag(46)	126.66(2)
Ag(8)-Au(3)-Ag(29)	64.30(3)
Au(6)-Au(3)-Ag(29)	107.18(2)
Au(5)-Au(3)-Ag(29)	112.05(3)
Au(16)-Au(3)-Ag(29)	56.81(2)
Ag(4)-Au(3)-Ag(29)	69.78(3)
Au(13)-Au(3)-Ag(29)	54.27(2)
Ag(23)-Au(3)-Ag(29)	124.58(3)
Ag(1)-Au(3)-Ag(29)	112.16(3)
Ag(33)-Au(3)-Ag(29)	126.94(3)
Au(23)-Au(3)-Ag(29)	67.34(2)
Ag(46)-Au(3)-Ag(29)	165.20(3)
Au(9)-Au(4)-Au(11)	123.05(2)
Au(9)-Au(4)-Au(15)	115.711(19)
Au(11)-Au(4)-Au(15)	61.511(18)
Au(9)-Au(4)-Ag(2)	61.31(2)
Au(11)-Au(4)-Ag(2)	173.09(3)
Au(15)-Au(4)-Ag(2)	112.14(3)
Au(9)-Au(4)-Ag(12)	176.08(3)
Au(11)-Au(4)-Ag(12)	59.42(2)
Au(15)-Au(4)-Ag(12)	62.18(2)
Ag(2)-Au(4)-Ag(12)	115.92(3)
Au(9)-Au(4)-Ag(45)	119.22(3)
Au(11)-Au(4)-Ag(45)	62.95(2)
Au(15)-Au(4)-Ag(45)	116.36(3)
Ag(2)-Au(4)-Ag(45)	120.73(3)
Ag(12)-Au(4)-Ag(45)	64.39(3)
Au(9)-Au(4)-Au(7)	60.641(16)
Au(11)-Au(4)-Au(7)	115.32(2)
Au(15)-Au(4)-Au(7)	62.694(16)

Ag(2)-Au(4)-Au(7)	61.10(2)
Ag(12)-Au(4)-Au(7)	115.80(3)
Ag(45)-Au(4)-Au(7)	178.03(3)
Au(9)-Au(4)-Ag(43)	64.33(2)
Au(11)-Au(4)-Ag(43)	68.99(2)
Au(15)-Au(4)-Ag(43)	117.33(3)
Ag(2)-Au(4)-Ag(43)	117.63(3)
Ag(12)-Au(4)-Ag(43)	119.47(3)
Ag(45)-Au(4)-Ag(43)	65.37(3)
Au(7)-Au(4)-Ag(43)	113.32(2)
Au(9)-Au(4)-Ag(3)	65.01(2)
Au(11)-Au(4)-Ag(3)	62.48(2)
Au(15)-Au(4)-Ag(3)	68.17(2)
Ag(2)-Au(4)-Ag(3)	118.82(3)
Ag(12)-Au(4)-Ag(3)	115.87(3)
Ag(45)-Au(4)-Ag(3)	109.55(3)
Au(7)-Au(4)-Ag(3)	68.53(2)
Ag(43)-Au(4)-Ag(3)	55.79(3)
Au(9)-Au(4)-Ag(21)	60.72(2)
Au(11)-Au(4)-Ag(21)	125.41(3)
Au(15)-Au(4)-Ag(21)	173.03(3)
Ag(2)-Au(4)-Ag(21)	61.00(3)
Ag(12)-Au(4)-Ag(21)	120.97(3)
Ag(45)-Au(4)-Ag(21)	69.99(3)
Au(7)-Au(4)-Ag(21)	111.06(3)
Ag(43)-Au(4)-Ag(21)	67.33(3)
Ag(3)-Au(4)-Ag(21)	113.29(3)
Au(9)-Au(4)-Ag(22)	116.45(3)
Au(11)-Au(4)-Ag(22)	118.63(2)
Au(15)-Au(4)-Ag(22)	105.19(3)

Ag(2)-Au(4)-Ag(22)	59.06(3)
Ag(12)-Au(4)-Ag(22)	62.12(3)
Ag(45)-Au(4)-Ag(22)	76.74(3)
Au(7)-Au(4)-Ag(22)	105.13(2)
Ag(43)-Au(4)-Ag(22)	131.97(3)
Ag(3)-Au(4)-Ag(22)	172.23(3)
Ag(21)-Au(4)-Ag(22)	72.80(3)
Au(9)-Au(4)-Ag(19)	106.04(2)
Au(11)-Au(4)-Ag(19)	111.47(2)
Au(15)-Au(4)-Ag(19)	55.05(2)
Ag(2)-Au(4)-Ag(19)	61.63(3)
Ag(12)-Au(4)-Ag(19)	70.04(3)
Ag(45)-Au(4)-Ag(19)	128.72(3)
Au(7)-Au(4)-Ag(19)	52.45(2)
Ag(43)-Au(4)-Ag(19)	165.21(3)
Ag(3)-Au(4)-Ag(19)	110.57(3)
Ag(21)-Au(4)-Ag(19)	119.12(3)
Ag(22)-Au(4)-Ag(19)	61.69(3)
Au(10)-Au(5)-Ag(4)	174.16(3)
Au(10)-Au(5)-Au(3)	122.75(2)
Ag(4)-Au(5)-Au(3)	62.21(2)
Au(10)-Au(5)-Au(17)	62.061(18)
Ag(4)-Au(5)-Au(17)	113.65(3)
Au(3)-Au(5)-Au(17)	115.123(19)
Au(10)-Au(5)-Au(16)	116.63(2)
Ag(4)-Au(5)-Au(16)	62.16(2)
Au(3)-Au(5)-Au(16)	60.431(17)
Au(17)-Au(5)-Au(16)	63.018(16)
Au(10)-Au(5)-Ag(14)	59.29(2)
Ag(4)-Au(5)-Ag(14)	115.49(3)

Au(3)-Au(5)-Ag(14)	174.84(3)
Au(17)-Au(5)-Ag(14)	60.97(2)
Au(16)-Au(5)-Ag(14)	114.45(3)
Au(10)-Au(5)-Ag(41)	62.83(2)
Ag(4)-Au(5)-Ag(41)	118.14(3)
Au(3)-Au(5)-Ag(41)	121.75(3)
Au(17)-Au(5)-Ag(41)	115.35(3)
Au(16)-Au(5)-Ag(41)	177.79(3)
Ag(14)-Au(5)-Ag(41)	63.37(3)
Au(10)-Au(5)-Ag(46)	67.24(2)
Ag(4)-Au(5)-Ag(46)	118.59(3)
Au(3)-Au(5)-Ag(46)	65.47(2)
Au(17)-Au(5)-Ag(46)	116.11(3)
Au(16)-Au(5)-Ag(46)	114.38(2)
Ag(14)-Au(5)-Ag(46)	118.91(3)
Ag(41)-Au(5)-Ag(46)	67.56(3)
Au(10)-Au(5)-Ag(1)	64.99(2)
Ag(4)-Au(5)-Ag(1)	118.04(3)
Au(3)-Au(5)-Ag(1)	62.33(2)
Au(17)-Au(5)-Ag(1)	69.23(2)
Au(16)-Au(5)-Ag(1)	68.03(2)
Ag(14)-Au(5)-Ag(1)	117.24(3)
Ag(41)-Au(5)-Ag(1)	113.06(3)
Ag(46)-Au(5)-Ag(1)	55.32(3)
Au(10)-Au(5)-Ag(23)	122.75(3)
Ag(4)-Au(5)-Ag(23)	61.77(3)
Au(3)-Au(5)-Ag(23)	60.42(2)
Au(17)-Au(5)-Ag(23)	174.46(3)
Au(16)-Au(5)-Ag(23)	111.45(3)
Ag(14)-Au(5)-Ag(23)	123.24(3)

Ag(41)-Au(5)-Ag(23)	70.17(3)
Ag(46)-Au(5)-Ag(23)	65.84(3)
Ag(1)-Au(5)-Ag(23)	109.63(3)
Au(10)-Au(5)-Ag(24)	115.34(2)
Ag(4)-Au(5)-Ag(24)	60.92(3)
Au(3)-Au(5)-Ag(24)	119.92(3)
Au(17)-Au(5)-Ag(24)	103.85(2)
Au(16)-Au(5)-Ag(24)	106.18(2)
Ag(14)-Au(5)-Ag(24)	59.77(3)
Ag(41)-Au(5)-Ag(24)	72.55(3)
Ag(46)-Au(5)-Ag(24)	132.30(3)
Ag(1)-Au(5)-Ag(24)	172.32(3)
Ag(23)-Au(5)-Ag(24)	76.93(3)
Au(10)-Au(5)-Ag(20)	111.10(3)
Ag(4)-Au(5)-Ag(20)	63.34(3)
Au(3)-Au(5)-Ag(20)	107.68(3)
Au(17)-Au(5)-Ag(20)	55.15(2)
Au(16)-Au(5)-Ag(20)	53.72(2)
Ag(14)-Au(5)-Ag(20)	67.46(3)
Ag(41)-Au(5)-Ag(20)	124.23(3)
Ag(46)-Au(5)-Ag(20)	166.74(3)
Ag(1)-Au(5)-Ag(20)	111.64(3)
Ag(23)-Au(5)-Ag(20)	121.87(3)
Ag(24)-Au(5)-Ag(20)	60.80(3)
Au(8)-Au(6)-Au(3)	121.09(2)
Au(8)-Au(6)-Ag(5)	61.75(2)
Au(3)-Au(6)-Ag(5)	174.73(3)
Au(8)-Au(6)-Au(13)	115.58(2)
Au(3)-Au(6)-Au(13)	61.937(17)
Ag(5)-Au(6)-Au(13)	113.01(3)

Au(8)-Au(6)-Ag(8)	177.88(3)
Au(3)-Au(6)-Ag(8)	59.53(2)
Ag(5)-Au(6)-Ag(8)	117.46(3)
Au(13)-Au(6)-Ag(8)	62.69(2)
Au(8)-Au(6)-Ag(33)	115.36(3)
Au(3)-Au(6)-Ag(33)	64.08(2)
Ag(5)-Au(6)-Ag(33)	119.48(3)
Au(13)-Au(6)-Ag(33)	118.92(3)
Ag(8)-Au(6)-Ag(33)	66.76(3)
Au(8)-Au(6)-Au(15)	60.762(17)
Au(3)-Au(6)-Au(15)	115.07(2)
Ag(5)-Au(6)-Au(15)	61.73(2)
Au(13)-Au(6)-Au(15)	62.817(17)
Ag(8)-Au(6)-Au(15)	117.12(3)
Ag(33)-Au(6)-Au(15)	175.33(3)
Au(8)-Au(6)-Ag(1)	63.37(2)
Au(3)-Au(6)-Ag(1)	62.44(2)
Ag(5)-Au(6)-Ag(1)	117.99(3)
Au(13)-Au(6)-Ag(1)	68.72(2)
Ag(8)-Au(6)-Ag(1)	116.29(3)
Ag(33)-Au(6)-Ag(1)	108.35(3)
Au(15)-Au(6)-Ag(1)	67.86(2)
Au(8)-Au(6)-Ag(30)	59.73(2)
Au(3)-Au(6)-Ag(30)	125.15(3)
Ag(5)-Au(6)-Ag(30)	59.97(3)
Au(13)-Au(6)-Ag(30)	172.55(3)
Ag(8)-Au(6)-Ag(30)	121.84(3)
Ag(33)-Au(6)-Ag(30)	68.34(3)
Au(15)-Au(6)-Ag(30)	110.09(3)
Ag(1)-Au(6)-Ag(30)	111.55(3)

Au(8)-Au(6)-Ag(25)	118.53(3)
Au(3)-Au(6)-Ag(25)	118.54(3)
Ag(5)-Au(6)-Ag(25)	60.16(3)
Au(13)-Au(6)-Ag(25)	103.94(2)
Ag(8)-Au(6)-Ag(25)	61.47(3)
Ag(33)-Au(6)-Ag(25)	78.63(3)
Au(15)-Au(6)-Ag(25)	105.39(2)
Ag(1)-Au(6)-Ag(25)	171.56(3)
Ag(30)-Au(6)-Ag(25)	75.15(3)
Au(8)-Au(6)-Ag(15)	106.42(2)
Au(3)-Au(6)-Ag(15)	111.71(2)
Ag(5)-Au(6)-Ag(15)	63.04(3)
Au(13)-Au(6)-Ag(15)	54.14(2)
Ag(8)-Au(6)-Ag(15)	71.63(3)
Ag(33)-Au(6)-Ag(15)	132.74(3)
Au(15)-Au(6)-Ag(15)	51.93(2)
Ag(1)-Au(6)-Ag(15)	109.47(3)
Ag(30)-Au(6)-Ag(15)	120.25(3)
Ag(25)-Au(6)-Ag(15)	62.14(3)
Au(8)-Au(6)-Ag(46)	69.47(2)
Au(3)-Au(6)-Ag(46)	59.11(2)
Ag(5)-Au(6)-Ag(46)	125.61(3)
Au(13)-Au(6)-Ag(46)	108.49(2)
Ag(8)-Au(6)-Ag(46)	112.05(3)
Ag(33)-Au(6)-Ag(46)	62.57(3)
Au(15)-Au(6)-Ag(46)	112.88(2)
Ag(1)-Au(6)-Ag(46)	50.36(2)
Ag(30)-Au(6)-Ag(46)	75.89(3)
Ag(25)-Au(6)-Ag(46)	137.94(3)
Ag(15)-Au(6)-Ag(46)	159.58(3)

Ag(19)-Au(7)-Au(2)	120.41(3)
Ag(19)-Au(7)-Au(8)	68.61(2)
Au(2)-Au(7)-Au(8)	59.346(16)
Ag(19)-Au(7)-Au(9)	120.45(3)
Au(2)-Au(7)-Au(9)	118.33(2)
Au(8)-Au(7)-Au(9)	160.17(2)
Ag(19)-Au(7)-Ag(17)	123.48(3)
Au(2)-Au(7)-Ag(17)	73.02(2)
Au(8)-Au(7)-Ag(17)	125.39(3)
Au(9)-Au(7)-Ag(17)	66.57(2)
Ag(19)-Au(7)-Au(4)	72.13(2)
Au(2)-Au(7)-Au(4)	156.01(2)
Au(8)-Au(7)-Au(4)	115.21(2)
Au(9)-Au(7)-Au(4)	57.798(16)
Ag(17)-Au(7)-Au(4)	119.08(3)
Ag(19)-Au(7)-Ag(2)	68.17(3)
Au(2)-Au(7)-Ag(2)	143.45(3)
Au(8)-Au(7)-Ag(2)	135.76(3)
Au(9)-Au(7)-Ag(2)	59.39(2)
Ag(17)-Au(7)-Ag(2)	73.75(3)
Au(4)-Au(7)-Ag(2)	58.35(2)
Ag(19)-Au(7)-Au(18)	179.34(3)
Au(2)-Au(7)-Au(18)	59.916(15)
Au(8)-Au(7)-Au(18)	111.38(2)
Au(9)-Au(7)-Au(18)	59.340(15)
Ag(17)-Au(7)-Au(18)	57.10(2)
Au(4)-Au(7)-Au(18)	107.347(19)
Ag(2)-Au(7)-Au(18)	111.95(2)
Ag(19)-Au(7)-Au(15)	60.06(2)
Au(2)-Au(7)-Au(15)	108.69(2)

Au(8)-Au(7)-Au(15)	58.529(16)
Au(9)-Au(7)-Au(15)	108.74(2)
Ag(17)-Au(7)-Au(15)	174.98(3)
Au(4)-Au(7)-Au(15)	57.545(16)
Ag(2)-Au(7)-Au(15)	105.73(2)
Au(18)-Au(7)-Au(15)	119.33(2)
Ag(19)-Au(7)-Ag(6)	69.65(3)
Au(2)-Au(7)-Ag(6)	58.63(2)
Au(8)-Au(7)-Ag(6)	56.31(2)
Au(9)-Au(7)-Ag(6)	141.85(3)
Ag(17)-Au(7)-Ag(6)	77.45(3)
Au(4)-Au(7)-Ag(6)	140.98(3)
Ag(2)-Au(7)-Ag(6)	99.42(3)
Au(18)-Au(7)-Ag(6)	110.92(2)
Au(15)-Au(7)-Ag(6)	107.51(2)
Ag(19)-Au(7)-Ag(1)	116.60(3)
Au(2)-Au(7)-Ag(1)	57.09(2)
Au(8)-Au(7)-Ag(1)	59.10(2)
Au(9)-Au(7)-Ag(1)	102.25(2)
Ag(17)-Au(7)-Ag(1)	115.31(3)
Au(4)-Au(7)-Ag(1)	99.40(2)
Ag(2)-Au(7)-Ag(1)	155.90(3)
Au(18)-Au(7)-Ag(1)	63.01(2)
Au(15)-Au(7)-Ag(1)	63.18(2)
Ag(6)-Au(7)-Ag(1)	104.32(3)
Ag(19)-Au(7)-Ag(3)	116.96(3)
Au(2)-Au(7)-Ag(3)	99.80(2)
Au(8)-Au(7)-Ag(3)	100.52(2)
Au(9)-Au(7)-Ag(3)	59.78(2)
Ag(17)-Au(7)-Ag(3)	113.07(3)

Au(4)-Au(7)-Ag(3)	56.920(19)
Ag(2)-Au(7)-Ag(3)	106.89(3)
Au(18)-Au(7)-Ag(3)	62.39(2)
Au(15)-Au(7)-Ag(3)	62.14(2)
Ag(6)-Au(7)-Ag(3)	153.44(3)
Ag(1)-Au(7)-Ag(3)	49.19(2)
Ag(6)-Au(8)-Au(6)	177.47(3)
Ag(6)-Au(8)-Au(2)	61.45(2)
Au(6)-Au(8)-Au(2)	116.64(2)
Ag(6)-Au(8)-Au(15)	117.66(3)
Au(6)-Au(8)-Au(15)	61.117(18)
Au(2)-Au(8)-Au(15)	112.47(2)
Ag(6)-Au(8)-Au(7)	64.11(2)
Au(6)-Au(8)-Au(7)	113.62(2)
Au(2)-Au(8)-Au(7)	59.771(16)
Au(15)-Au(8)-Au(7)	62.646(16)
Ag(6)-Au(8)-Ag(5)	121.82(3)
Au(6)-Au(8)-Ag(5)	59.90(2)
Au(2)-Au(8)-Ag(5)	173.57(3)
Au(15)-Au(8)-Ag(5)	61.24(2)
Au(7)-Au(8)-Ag(5)	115.74(3)
Ag(6)-Au(8)-Ag(30)	116.77(3)
Au(6)-Au(8)-Ag(30)	65.55(2)
Au(2)-Au(8)-Ag(30)	123.11(3)
Au(15)-Au(8)-Ag(30)	115.07(3)
Au(7)-Au(8)-Ag(30)	177.12(3)
Ag(5)-Au(8)-Ag(30)	61.40(3)
Ag(6)-Au(8)-Ag(1)	116.18(3)
Au(6)-Au(8)-Ag(1)	61.40(2)
Au(2)-Au(8)-Ag(1)	59.81(2)

Au(15)-Au(8)-Ag(1)	67.24(2)
Au(7)-Au(8)-Ag(1)	66.53(2)
Ag(5)-Au(8)-Ag(1)	114.66(3)
Ag(30)-Au(8)-Ag(1)	114.58(3)
Ag(6)-Au(8)-Ag(38)	71.18(3)
Au(6)-Au(8)-Ag(38)	109.48(3)
Au(2)-Au(8)-Ag(38)	58.99(2)
Au(15)-Au(8)-Ag(38)	164.53(3)
Au(7)-Au(8)-Ag(38)	115.66(2)
Ag(5)-Au(8)-Ag(38)	126.73(3)
Ag(30)-Au(8)-Ag(38)	67.04(3)
Ag(1)-Au(8)-Ag(38)	97.67(3)
Ag(6)-Au(8)-Au(22)	66.13(2)
Au(6)-Au(8)-Au(22)	116.20(2)
Au(2)-Au(8)-Au(22)	124.37(2)
Au(15)-Au(8)-Au(22)	107.038(19)
Au(7)-Au(8)-Au(22)	111.46(2)
Ag(5)-Au(8)-Au(22)	60.89(2)
Ag(30)-Au(8)-Au(22)	67.16(2)
Ag(1)-Au(8)-Au(22)	174.28(2)
Ag(38)-Au(8)-Au(22)	88.03(2)
Ag(6)-Au(8)-Ag(19)	66.98(3)
Au(6)-Au(8)-Ag(19)	112.86(2)
Au(2)-Au(8)-Ag(19)	108.39(2)
Au(15)-Au(8)-Ag(19)	56.78(2)
Au(7)-Au(8)-Ag(19)	54.50(2)
Ag(5)-Au(8)-Ag(19)	69.80(3)
Ag(30)-Au(8)-Ag(19)	122.98(3)
Ag(1)-Au(8)-Ag(19)	111.24(3)
Ag(38)-Au(8)-Ag(19)	136.37(3)

Au(22)-Au(8)-Ag(19)	64.33(2)
Au(4)-Au(9)-Au(1)	115.21(2)
Au(4)-Au(9)-Ag(7)	174.35(3)
Au(1)-Au(9)-Ag(7)	62.68(2)
Au(4)-Au(9)-Ag(2)	60.11(2)
Au(1)-Au(9)-Ag(2)	172.70(3)
Ag(7)-Au(9)-Ag(2)	121.38(3)
Au(4)-Au(9)-Au(7)	61.561(17)
Au(1)-Au(9)-Au(7)	112.11(2)
Ag(7)-Au(9)-Au(7)	113.81(3)
Ag(2)-Au(9)-Au(7)	61.02(2)
Au(4)-Au(9)-Au(18)	112.42(2)
Au(1)-Au(9)-Au(18)	60.035(16)
Ag(7)-Au(9)-Au(18)	61.93(2)
Ag(2)-Au(9)-Au(18)	115.49(3)
Au(7)-Au(9)-Au(18)	61.776(16)
Au(4)-Au(9)-Ag(21)	62.97(2)
Au(1)-Au(9)-Ag(21)	122.63(3)
Ag(7)-Au(9)-Ag(21)	122.68(3)
Ag(2)-Au(9)-Ag(21)	61.39(3)
Au(7)-Au(9)-Ag(21)	113.63(3)
Au(18)-Au(9)-Ag(21)	175.16(3)
Au(4)-Au(9)-Ag(27)	122.13(3)
Au(1)-Au(9)-Ag(27)	59.48(2)
Ag(7)-Au(9)-Ag(27)	61.97(3)
Ag(2)-Au(9)-Ag(27)	127.46(3)
Au(7)-Au(9)-Ag(27)	171.45(3)
Au(18)-Au(9)-Ag(27)	110.35(3)
Ag(21)-Au(9)-Ag(27)	74.13(3)
Au(4)-Au(9)-Ag(43)	60.82(2)

Au(1)-Au(9)-Ag(43)	65.57(2)
Ag(7)-Au(9)-Ag(43)	120.49(3)
Ag(2)-Au(9)-Ag(43)	113.59(3)
Au(7)-Au(9)-Ag(43)	111.24(2)
Au(18)-Au(9)-Ag(43)	112.73(3)
Ag(21)-Au(9)-Ag(43)	66.84(3)
Ag(27)-Au(9)-Ag(43)	67.73(3)
Au(4)-Au(9)-Au(24)	116.00(2)
Au(1)-Au(9)-Au(24)	125.29(2)
Ag(7)-Au(9)-Au(24)	67.93(2)
Ag(2)-Au(9)-Au(24)	61.29(2)
Au(7)-Au(9)-Au(24)	108.04(2)
Au(18)-Au(9)-Au(24)	114.00(2)
Ag(21)-Au(9)-Au(24)	68.28(2)
Ag(27)-Au(9)-Au(24)	77.77(2)
Ag(43)-Au(9)-Au(24)	128.95(2)
Au(4)-Au(9)-Ag(3)	60.49(2)
Au(1)-Au(9)-Ag(3)	59.45(2)
Ag(7)-Au(9)-Ag(3)	115.29(3)
Ag(2)-Au(9)-Ag(3)	113.86(3)
Au(7)-Au(9)-Ag(3)	67.14(2)
Au(18)-Au(9)-Ag(3)	65.82(2)
Ag(21)-Au(9)-Ag(3)	111.50(3)
Ag(27)-Au(9)-Ag(3)	107.23(3)
Ag(43)-Au(9)-Ag(3)	53.64(2)
Au(24)-Au(9)-Ag(3)	174.85(3)
Au(4)-Au(9)-Ag(17)	113.75(2)
Au(1)-Au(9)-Ag(17)	108.55(2)
Ag(7)-Au(9)-Ag(17)	63.47(3)
Ag(2)-Au(9)-Ag(17)	70.36(3)

Au(7)-Au(9)-Ag(17)	56.95(2)
Au(18)-Au(9)-Ag(17)	54.80(2)
Ag(21)-Au(9)-Ag(17)	124.76(3)
Ag(27)-Au(9)-Ag(17)	122.38(3)
Ag(43)-Au(9)-Ag(17)	165.04(3)
Au(24)-Au(9)-Ag(17)	65.93(2)
Ag(3)-Au(9)-Ag(17)	111.39(3)
Au(5)-Au(10)-Au(2)	114.77(2)
Au(5)-Au(10)-Ag(14)	61.87(2)
Au(2)-Au(10)-Ag(14)	173.18(3)
Au(5)-Au(10)-Au(18)	110.81(2)
Au(2)-Au(10)-Au(18)	61.533(16)
Ag(14)-Au(10)-Au(18)	113.32(3)
Au(5)-Au(10)-Ag(10)	171.61(3)
Au(2)-Au(10)-Ag(10)	60.54(2)
Ag(14)-Au(10)-Ag(10)	121.94(3)
Au(18)-Au(10)-Ag(10)	61.03(2)
Au(5)-Au(10)-Au(17)	59.704(18)
Au(2)-Au(10)-Au(17)	112.202(19)
Ag(14)-Au(10)-Au(17)	61.03(2)
Au(18)-Au(10)-Au(17)	61.178(16)
Ag(10)-Au(10)-Au(17)	114.51(3)
Au(5)-Au(10)-Ag(32)	123.93(3)
Au(2)-Au(10)-Ag(32)	62.32(2)
Ag(14)-Au(10)-Ag(32)	124.48(3)
Au(18)-Au(10)-Ag(32)	113.02(3)
Ag(10)-Au(10)-Ag(32)	61.29(3)
Au(17)-Au(10)-Ag(32)	174.05(3)
Au(5)-Au(10)-Ag(41)	60.08(2)
Au(2)-Au(10)-Ag(41)	121.06(3)

Ag(14)-Au(10)-Ag(41)	63.25(3)
Au(18)-Au(10)-Ag(41)	170.89(3)
Ag(10)-Au(10)-Ag(41)	128.08(3)
Au(17)-Au(10)-Ag(41)	111.08(3)
Ag(32)-Au(10)-Ag(41)	74.57(3)
Au(5)-Au(10)-Au(21)	125.86(2)
Au(2)-Au(10)-Au(21)	116.23(2)
Ag(14)-Au(10)-Au(21)	69.04(2)
Au(18)-Au(10)-Au(21)	108.34(2)
Ag(10)-Au(10)-Au(21)	61.27(2)
Au(17)-Au(10)-Au(21)	113.62(2)
Ag(32)-Au(10)-Au(21)	68.71(2)
Ag(41)-Au(10)-Au(21)	78.77(2)
Au(5)-Au(10)-Ag(1)	60.27(2)
Au(2)-Au(10)-Ag(1)	59.00(2)
Ag(14)-Au(10)-Ag(1)	115.36(3)
Au(18)-Au(10)-Ag(1)	65.78(2)
Ag(10)-Au(10)-Ag(1)	112.44(3)
Au(17)-Au(10)-Ag(1)	66.62(2)
Ag(32)-Au(10)-Ag(1)	110.40(3)
Ag(41)-Au(10)-Ag(1)	107.37(3)
Au(21)-Au(10)-Ag(1)	173.49(3)
Au(5)-Au(10)-Ag(16)	108.27(3)
Au(2)-Au(10)-Ag(16)	113.52(2)
Ag(14)-Au(10)-Ag(16)	63.89(3)
Au(18)-Au(10)-Ag(16)	56.90(2)
Ag(10)-Au(10)-Ag(16)	69.57(3)
Au(17)-Au(10)-Ag(16)	54.50(2)
Ag(32)-Au(10)-Ag(16)	124.38(3)
Ag(41)-Au(10)-Ag(16)	123.81(3)

Au(21)-Au(10)-Ag(16)	65.84(2)
Ag(1)-Au(10)-Ag(16)	111.15(3)
Au(5)-Au(10)-Ag(46)	59.00(2)
Au(2)-Au(10)-Ag(46)	66.28(2)
Ag(14)-Au(10)-Ag(46)	113.98(3)
Au(18)-Au(10)-Ag(46)	112.74(2)
Ag(10)-Au(10)-Ag(46)	120.88(3)
Au(17)-Au(10)-Ag(46)	107.74(2)
Ag(32)-Au(10)-Ag(46)	72.73(3)
Ag(41)-Au(10)-Ag(46)	63.73(3)
Au(21)-Au(10)-Ag(46)	131.78(2)
Ag(1)-Au(10)-Ag(46)	51.93(2)
Ag(16)-Au(10)-Ag(46)	161.65(3)
Au(14)-Au(11)-Ag(12)	175.15(3)
Au(14)-Au(11)-Au(4)	118.16(2)
Ag(12)-Au(11)-Au(4)	60.91(2)
Au(14)-Au(11)-Ag(9)	59.11(2)
Ag(12)-Au(11)-Ag(9)	121.41(3)
Au(4)-Au(11)-Ag(9)	175.04(3)
Au(14)-Au(11)-Au(13)	61.007(16)
Ag(12)-Au(11)-Au(13)	114.54(3)
Au(4)-Au(11)-Au(13)	112.68(2)
Ag(9)-Au(11)-Au(13)	62.49(2)
Au(14)-Au(11)-Au(15)	113.292(19)
Ag(12)-Au(11)-Au(15)	61.95(2)
Au(4)-Au(11)-Au(15)	59.392(17)
Ag(9)-Au(11)-Au(15)	117.13(3)
Au(13)-Au(11)-Au(15)	62.305(16)
Au(14)-Au(11)-Ag(39)	62.90(2)
Ag(12)-Au(11)-Ag(39)	121.90(3)

Au(4)-Au(11)-Ag(39)	119.33(3)
Ag(9)-Au(11)-Ag(39)	63.82(3)
Au(13)-Au(11)-Ag(39)	115.96(3)
Au(15)-Au(11)-Ag(39)	175.34(3)
Au(14)-Au(11)-Ag(45)	120.43(3)
Ag(12)-Au(11)-Ag(45)	63.67(3)
Au(4)-Au(11)-Ag(45)	59.59(2)
Ag(9)-Au(11)-Ag(45)	125.21(3)
Au(13)-Au(11)-Ag(45)	172.19(3)
Au(15)-Au(11)-Ag(45)	111.65(3)
Ag(39)-Au(11)-Ag(45)	69.64(3)
Au(14)-Au(11)-Ag(3)	60.93(2)
Ag(12)-Au(11)-Ag(3)	116.18(3)
Au(4)-Au(11)-Ag(3)	61.35(2)
Ag(9)-Au(11)-Ag(3)	114.44(3)
Au(13)-Au(11)-Ag(3)	67.28(2)
Au(15)-Au(11)-Ag(3)	66.99(2)
Ag(39)-Au(11)-Ag(3)	108.38(3)
Ag(45)-Au(11)-Ag(3)	106.22(3)
Au(14)-Au(11)-Au(19)	115.26(2)
Ag(12)-Au(11)-Au(19)	67.29(2)
Au(4)-Au(11)-Au(19)	123.74(2)
Ag(9)-Au(11)-Au(19)	60.34(2)
Au(13)-Au(11)-Au(19)	107.33(2)
Au(15)-Au(11)-Au(19)	112.65(2)
Ag(39)-Au(11)-Au(19)	71.90(2)
Ag(45)-Au(11)-Au(19)	79.29(2)
Ag(3)-Au(11)-Au(19)	174.30(3)
Au(14)-Au(11)-Ag(15)	112.84(2)
Ag(12)-Au(11)-Ag(15)	64.02(3)

Au(4)-Au(11)-Ag(15)	107.47(3)
Ag(9)-Au(11)-Ag(15)	71.19(3)
Au(13)-Au(11)-Ag(15)	57.06(2)
Au(15)-Au(11)-Ag(15)	54.77(2)
Ag(39)-Au(11)-Ag(15)	128.57(3)
Ag(45)-Au(11)-Ag(15)	124.57(3)
Ag(3)-Au(11)-Ag(15)	112.05(3)
Au(19)-Au(11)-Ag(15)	64.81(2)
Au(14)-Au(11)-Ag(43)	70.57(2)
Ag(12)-Au(11)-Ag(43)	111.14(3)
Au(4)-Au(11)-Ag(43)	57.75(2)
Ag(9)-Au(11)-Ag(43)	122.45(3)
Au(13)-Au(11)-Ag(43)	115.33(2)
Au(15)-Au(11)-Ag(43)	106.69(2)
Ag(39)-Au(11)-Ag(43)	69.82(3)
Ag(45)-Au(11)-Ag(43)	60.48(3)
Ag(3)-Au(11)-Ag(43)	52.31(2)
Au(19)-Au(11)-Ag(43)	131.68(2)
Ag(15)-Au(11)-Ag(43)	161.37(3)
Au(14)-Au(12)-Ag(13)	61.88(2)
Au(14)-Au(12)-Au(1)	115.84(2)
Ag(13)-Au(12)-Au(1)	174.21(3)
Au(14)-Au(12)-Au(17)	113.34(2)
Ag(13)-Au(12)-Au(17)	114.65(3)
Au(1)-Au(12)-Au(17)	60.726(18)
Au(14)-Au(12)-Ag(11)	174.72(3)
Ag(13)-Au(12)-Ag(11)	122.36(3)
Au(1)-Au(12)-Ag(11)	59.60(2)
Au(17)-Au(12)-Ag(11)	62.53(2)
Au(14)-Au(12)-Au(16)	60.106(16)

Ag(13)-Au(12)-Au(16)	61.75(2)
Au(1)-Au(12)-Au(16)	112.46(2)
Au(17)-Au(12)-Au(16)	62.808(16)
Ag(11)-Au(12)-Au(16)	118.18(3)
Au(14)-Au(12)-Ag(44)	112.87(3)
Ag(13)-Au(12)-Ag(44)	123.88(3)
Au(1)-Au(12)-Ag(44)	61.80(2)
Au(17)-Au(12)-Ag(44)	117.07(3)
Ag(11)-Au(12)-Ag(44)	67.99(3)
Au(16)-Au(12)-Ag(44)	169.14(3)
Au(14)-Au(12)-Ag(42)	59.58(2)
Ag(13)-Au(12)-Ag(42)	65.81(3)
Au(1)-Au(12)-Ag(42)	118.23(3)
Au(17)-Au(12)-Ag(42)	172.26(3)
Ag(11)-Au(12)-Ag(42)	124.32(3)
Au(16)-Au(12)-Ag(42)	112.79(3)
Ag(44)-Au(12)-Ag(42)	65.91(3)
Au(14)-Au(12)-Ag(3)	60.63(2)
Ag(13)-Au(12)-Ag(3)	115.59(3)
Au(1)-Au(12)-Ag(3)	59.96(2)
Au(17)-Au(12)-Ag(3)	67.05(2)
Ag(11)-Au(12)-Ag(3)	114.11(3)
Au(16)-Au(12)-Ag(3)	66.16(2)
Ag(44)-Au(12)-Ag(3)	103.41(3)
Ag(42)-Au(12)-Ag(3)	105.53(3)
Au(14)-Au(12)-Au(20)	123.98(2)
Ag(13)-Au(12)-Au(20)	67.46(2)
Au(1)-Au(12)-Au(20)	116.68(2)
Au(17)-Au(12)-Au(20)	108.13(2)
Ag(11)-Au(12)-Au(20)	61.26(2)

Au(16)-Au(12)-Au(20)	113.54(2)
Ag(44)-Au(12)-Au(20)	77.12(2)
Ag(42)-Au(12)-Au(20)	79.35(2)
Ag(3)-Au(12)-Au(20)	174.92(3)
Au(14)-Au(12)-Ag(20)	108.67(3)
Ag(13)-Au(12)-Ag(20)	64.73(3)
Au(1)-Au(12)-Ag(20)	112.51(3)
Au(17)-Au(12)-Ag(20)	56.07(2)
Ag(11)-Au(12)-Ag(20)	72.15(3)
Au(16)-Au(12)-Ag(20)	54.46(2)
Ag(44)-Au(12)-Ag(20)	135.51(3)
Ag(42)-Au(12)-Ag(20)	127.59(3)
Ag(3)-Au(12)-Ag(20)	110.36(3)
Au(20)-Au(12)-Ag(20)	66.79(2)
Ag(29)-Au(13)-Au(6)	117.81(3)
Ag(29)-Au(13)-Au(11)	124.13(3)
Au(6)-Au(13)-Au(11)	117.45(2)
Ag(29)-Au(13)-Au(14)	73.77(3)
Au(6)-Au(13)-Au(14)	156.56(2)
Au(11)-Au(13)-Au(14)	58.499(17)
Ag(29)-Au(13)-Ag(15)	124.51(3)
Au(6)-Au(13)-Ag(15)	72.90(2)
Au(11)-Au(13)-Ag(15)	66.46(2)
Au(14)-Au(13)-Ag(15)	119.03(3)
Ag(29)-Au(13)-Au(3)	67.55(2)
Au(6)-Au(13)-Au(3)	58.515(17)
Au(11)-Au(13)-Au(3)	157.58(2)
Au(14)-Au(13)-Au(3)	115.22(2)
Ag(15)-Au(13)-Au(3)	125.60(3)
Ag(29)-Au(13)-Ag(8)	67.53(3)

Au(6)-Au(13)-Ag(8)	58.67(2)
Au(11)-Au(13)-Ag(8)	142.74(3)
Au(14)-Au(13)-Ag(8)	140.26(3)
Ag(15)-Au(13)-Ag(8)	78.14(3)
Au(3)-Au(13)-Ag(8)	57.17(2)
Ag(29)-Au(13)-Ag(9)	72.26(3)
Au(6)-Au(13)-Ag(9)	143.85(3)
Au(11)-Au(13)-Ag(9)	58.60(2)
Au(14)-Au(13)-Ag(9)	57.06(2)
Ag(15)-Au(13)-Ag(9)	73.56(3)
Au(3)-Au(13)-Ag(9)	139.26(3)
Ag(8)-Au(13)-Ag(9)	101.35(3)
Ag(29)-Au(13)-Au(15)	176.56(3)
Au(6)-Au(13)-Au(15)	59.041(17)
Au(11)-Au(13)-Au(15)	59.208(16)
Au(14)-Au(13)-Au(15)	108.63(2)
Ag(15)-Au(13)-Au(15)	56.77(2)
Au(3)-Au(13)-Au(15)	109.04(2)
Ag(8)-Au(13)-Au(15)	110.44(3)
Ag(9)-Au(13)-Au(15)	111.06(2)
Ag(29)-Au(13)-Au(16)	59.78(2)
Au(6)-Au(13)-Au(16)	108.35(2)
Au(11)-Au(13)-Au(16)	108.796(19)
Au(14)-Au(13)-Au(16)	57.916(16)
Ag(15)-Au(13)-Au(16)	174.70(3)
Au(3)-Au(13)-Au(16)	57.991(15)
Ag(8)-Au(13)-Au(16)	106.97(2)
Ag(9)-Au(13)-Au(16)	106.30(2)
Au(15)-Au(13)-Au(16)	119.15(2)
Ag(29)-Au(13)-Ag(3)	117.69(3)

Au(6)-Au(13)-Ag(3)	100.19(2)
Au(11)-Au(13)-Ag(3)	58.46(2)
Au(14)-Au(13)-Ag(3)	57.16(2)
Ag(15)-Au(13)-Ag(3)	112.46(3)
Au(3)-Au(13)-Ag(3)	99.50(2)
Ag(8)-Au(13)-Ag(3)	153.72(3)
Ag(9)-Au(13)-Ag(3)	104.71(3)
Au(15)-Au(13)-Ag(3)	62.79(2)
Au(16)-Au(13)-Ag(3)	62.33(2)
Ag(29)-Au(13)-Ag(1)	114.87(3)
Au(6)-Au(13)-Ag(1)	57.55(2)
Au(11)-Au(13)-Ag(1)	100.80(2)
Au(14)-Au(13)-Ag(1)	99.42(2)
Ag(15)-Au(13)-Ag(1)	115.17(3)
Au(3)-Au(13)-Ag(1)	57.60(2)
Ag(8)-Au(13)-Ag(1)	104.56(3)
Ag(9)-Au(13)-Ag(1)	153.85(3)
Au(15)-Au(13)-Ag(1)	62.59(2)
Au(16)-Au(13)-Ag(1)	62.64(2)
Ag(3)-Au(13)-Ag(1)	49.23(2)
Au(12)-Au(14)-Ag(9)	175.74(3)
Au(12)-Au(14)-Au(11)	122.25(2)
Ag(9)-Au(14)-Au(11)	61.31(2)
Au(12)-Au(14)-Au(16)	61.509(17)
Ag(9)-Au(14)-Au(16)	115.37(3)
Au(11)-Au(14)-Au(16)	114.71(2)
Au(12)-Au(14)-Ag(13)	59.39(2)
Ag(9)-Au(14)-Ag(13)	116.84(3)
Au(11)-Au(14)-Ag(13)	175.06(3)
Au(16)-Au(14)-Ag(13)	61.40(2)

Au(12)-Au(14)-Au(13)	116.00(2)
Ag(9)-Au(14)-Au(13)	63.06(2)
Au(11)-Au(14)-Au(13)	60.494(17)
Au(16)-Au(14)-Au(13)	62.843(16)
Ag(13)-Au(14)-Au(13)	114.58(3)
Au(12)-Au(14)-Ag(42)	64.12(2)
Ag(9)-Au(14)-Ag(42)	116.93(3)
Au(11)-Au(14)-Ag(42)	118.29(3)
Au(16)-Au(14)-Ag(42)	117.93(3)
Ag(13)-Au(14)-Ag(42)	66.65(3)
Au(13)-Au(14)-Ag(42)	178.71(3)
Au(12)-Au(14)-Ag(3)	64.00(2)
Ag(9)-Au(14)-Ag(3)	118.16(3)
Au(11)-Au(14)-Ag(3)	62.91(2)
Au(16)-Au(14)-Ag(3)	67.91(2)
Ag(13)-Au(14)-Ag(3)	116.37(3)
Au(13)-Au(14)-Ag(3)	67.85(2)
Ag(42)-Au(14)-Ag(3)	111.34(3)
Au(12)-Au(14)-Ag(39)	119.64(3)
Ag(9)-Au(14)-Ag(39)	63.73(3)
Au(11)-Au(14)-Ag(39)	60.67(2)
Au(16)-Au(14)-Ag(39)	175.32(3)
Ag(13)-Au(14)-Ag(39)	123.25(3)
Au(13)-Au(14)-Ag(39)	113.61(3)
Ag(42)-Au(14)-Ag(39)	65.55(3)
Ag(3)-Au(14)-Ag(39)	108.20(3)
Au(12)-Au(14)-Ag(35)	115.81(3)
Ag(9)-Au(14)-Ag(35)	61.37(3)
Au(11)-Au(14)-Ag(35)	120.43(3)
Au(16)-Au(14)-Ag(35)	103.00(3)

Ag(13)-Au(14)-Ag(35)	59.40(3)
Au(13)-Au(14)-Ag(35)	105.06(3)
Ag(42)-Au(14)-Ag(35)	75.87(3)
Ag(3)-Au(14)-Ag(35)	170.14(3)
Ag(39)-Au(14)-Ag(35)	80.70(3)
Au(12)-Au(14)-Ag(29)	110.41(2)
Ag(9)-Au(14)-Ag(29)	65.59(3)
Au(11)-Au(14)-Ag(29)	106.59(2)
Au(16)-Au(14)-Ag(29)	54.03(2)
Ag(13)-Au(14)-Ag(29)	68.78(3)
Au(13)-Au(14)-Ag(29)	51.76(2)
Ag(42)-Au(14)-Ag(29)	129.51(3)
Ag(3)-Au(14)-Ag(29)	108.80(3)
Ag(39)-Au(14)-Ag(29)	126.83(3)
Ag(35)-Au(14)-Ag(29)	61.61(3)
Ag(15)-Au(15)-Au(4)	118.19(3)
Ag(15)-Au(15)-Au(8)	123.19(3)
Au(4)-Au(15)-Au(8)	117.68(2)
Ag(15)-Au(15)-Au(6)	73.94(2)
Au(4)-Au(15)-Au(6)	157.17(2)
Au(8)-Au(15)-Au(6)	58.121(16)
Ag(15)-Au(15)-Au(11)	67.44(2)
Au(4)-Au(15)-Au(11)	59.097(16)
Au(8)-Au(15)-Au(11)	159.43(2)
Au(6)-Au(15)-Au(11)	115.86(2)
Ag(15)-Au(15)-Ag(19)	123.19(3)
Au(4)-Au(15)-Ag(19)	71.65(2)
Au(8)-Au(15)-Ag(19)	67.36(2)
Au(6)-Au(15)-Ag(19)	119.70(3)
Au(11)-Au(15)-Ag(19)	124.12(3)

Ag(15)-Au(15)-Ag(5)	70.41(3)
Au(4)-Au(15)-Ag(5)	142.04(3)
Au(8)-Au(15)-Ag(5)	59.72(2)
Au(6)-Au(15)-Ag(5)	58.44(2)
Au(11)-Au(15)-Ag(5)	136.89(3)
Ag(19)-Au(15)-Ag(5)	73.57(3)
Ag(15)-Au(15)-Ag(12)	67.33(3)
Au(4)-Au(15)-Ag(12)	59.35(2)
Au(8)-Au(15)-Ag(12)	140.80(3)
Au(6)-Au(15)-Ag(12)	139.86(3)
Au(11)-Au(15)-Ag(12)	57.75(2)
Ag(19)-Au(15)-Ag(12)	75.89(3)
Ag(5)-Au(15)-Ag(12)	97.72(3)
Ag(15)-Au(15)-Au(13)	59.96(2)
Au(4)-Au(15)-Au(13)	109.20(2)
Au(8)-Au(15)-Au(13)	109.26(2)
Au(6)-Au(15)-Au(13)	58.142(16)
Au(11)-Au(15)-Au(13)	58.488(16)
Ag(19)-Au(15)-Au(13)	176.16(3)
Ag(5)-Au(15)-Au(13)	106.54(3)
Ag(12)-Au(15)-Au(13)	107.83(3)
Ag(15)-Au(15)-Au(7)	177.95(3)
Au(4)-Au(15)-Au(7)	59.761(16)
Au(8)-Au(15)-Au(7)	58.825(16)
Au(6)-Au(15)-Au(7)	107.96(2)
Au(11)-Au(15)-Au(7)	110.79(2)
Ag(19)-Au(15)-Au(7)	56.71(2)
Ag(5)-Au(15)-Au(7)	111.16(3)
Ag(12)-Au(15)-Au(7)	110.94(3)
Au(13)-Au(15)-Au(7)	120.23(2)

Ag(15)-Au(15)-Ag(3)	115.24(3)
Au(4)-Au(15)-Ag(3)	58.108(19)
Au(8)-Au(15)-Ag(3)	101.95(2)
Au(6)-Au(15)-Ag(3)	99.63(2)
Au(11)-Au(15)-Ag(3)	58.29(2)
Ag(19)-Au(15)-Ag(3)	115.55(3)
Ag(5)-Au(15)-Ag(3)	156.11(3)
Ag(12)-Au(15)-Ag(3)	105.86(3)
Au(13)-Au(15)-Ag(3)	62.83(2)
Au(7)-Au(15)-Ag(3)	63.91(2)
Ag(15)-Au(15)-Ag(1)	118.76(3)
Au(4)-Au(15)-Ag(1)	100.24(2)
Au(8)-Au(15)-Ag(1)	58.85(2)
Au(6)-Au(15)-Ag(1)	57.60(2)
Au(11)-Au(15)-Ag(1)	100.84(2)
Ag(19)-Au(15)-Ag(1)	112.88(3)
Ag(5)-Au(15)-Ag(1)	106.91(3)
Ag(12)-Au(15)-Ag(1)	155.27(3)
Au(13)-Au(15)-Ag(1)	63.33(2)
Au(7)-Au(15)-Ag(1)	62.30(2)
Ag(3)-Au(15)-Ag(1)	49.42(2)
Ag(20)-Au(16)-Au(14)	119.78(3)
Ag(20)-Au(16)-Au(3)	121.29(3)
Au(14)-Au(16)-Au(3)	118.23(2)
Ag(20)-Au(16)-Au(5)	70.87(2)
Au(14)-Au(16)-Au(5)	157.25(2)
Au(3)-Au(16)-Au(5)	59.013(16)
Ag(20)-Au(16)-Ag(29)	123.62(3)
Au(14)-Au(16)-Ag(29)	72.94(2)
Au(3)-Au(16)-Ag(29)	67.00(2)

Au(5)-Au(16)-Ag(29)	119.78(3)
Ag(20)-Au(16)-Au(12)	68.79(2)
Au(14)-Au(16)-Au(12)	58.385(16)
Au(3)-Au(16)-Au(12)	159.67(2)
Au(5)-Au(16)-Au(12)	115.29(2)
Ag(29)-Au(16)-Au(12)	124.47(3)
Ag(20)-Au(16)-Ag(13)	68.94(3)
Au(14)-Au(16)-Ag(13)	59.95(2)
Au(3)-Au(16)-Ag(13)	140.49(3)
Au(5)-Au(16)-Ag(13)	138.43(3)
Ag(29)-Au(16)-Ag(13)	76.05(3)
Au(12)-Au(16)-Ag(13)	57.95(2)
Ag(20)-Au(16)-Ag(4)	68.48(3)
Au(14)-Au(16)-Ag(4)	143.01(3)
Au(3)-Au(16)-Ag(4)	60.33(2)
Au(5)-Au(16)-Ag(4)	58.15(2)
Ag(29)-Au(16)-Ag(4)	73.63(3)
Au(12)-Au(16)-Ag(4)	136.01(3)
Ag(13)-Au(16)-Ag(4)	96.81(3)
Ag(20)-Au(16)-Au(17)	59.26(2)
Au(14)-Au(16)-Au(17)	107.86(2)
Au(3)-Au(16)-Au(17)	109.81(2)
Au(5)-Au(16)-Au(17)	58.247(17)
Ag(29)-Au(16)-Au(17)	176.38(3)
Au(12)-Au(16)-Au(17)	58.007(16)
Ag(13)-Au(16)-Au(17)	107.45(3)
Ag(4)-Au(16)-Au(17)	106.51(2)
Ag(20)-Au(16)-Au(13)	178.99(3)
Au(14)-Au(16)-Au(13)	59.241(15)
Au(3)-Au(16)-Au(13)	59.722(16)

Au(5)-Au(16)-Au(13)	109.94(2)
Ag(29)-Au(16)-Au(13)	56.61(2)
Au(12)-Au(16)-Au(13)	110.234(19)
Ag(13)-Au(16)-Au(13)	110.37(3)
Ag(4)-Au(16)-Au(13)	112.43(3)
Au(17)-Au(16)-Au(13)	120.56(2)
Ag(20)-Au(16)-Ag(3)	116.38(3)
Au(14)-Au(16)-Ag(3)	57.73(2)
Au(3)-Au(16)-Ag(3)	101.09(2)
Au(5)-Au(16)-Ag(3)	99.74(2)
Ag(29)-Au(16)-Ag(3)	115.40(3)
Au(12)-Au(16)-Ag(3)	59.41(2)
Ag(13)-Au(16)-Ag(3)	107.12(3)
Ag(4)-Au(16)-Ag(3)	155.77(3)
Au(17)-Au(16)-Ag(3)	63.01(2)
Au(13)-Au(16)-Ag(3)	63.00(2)
Ag(20)-Au(16)-Ag(1)	117.10(3)
Au(14)-Au(16)-Ag(1)	100.68(2)
Au(3)-Au(16)-Ag(1)	58.24(2)
Au(5)-Au(16)-Ag(1)	57.72(2)
Ag(29)-Au(16)-Ag(1)	112.64(3)
Au(12)-Au(16)-Ag(1)	101.71(2)
Ag(13)-Au(16)-Ag(1)	156.61(3)
Ag(4)-Au(16)-Ag(1)	106.44(3)
Au(17)-Au(16)-Ag(1)	63.78(2)
Au(13)-Au(16)-Ag(1)	63.21(2)
Ag(3)-Au(16)-Ag(1)	49.52(2)
Ag(16)-Au(17)-Au(12)	123.80(3)
Ag(16)-Au(17)-Au(5)	118.38(3)
Au(12)-Au(17)-Au(5)	116.92(2)

Ag(16)-Au(17)-Au(1)	74.07(3)
Au(12)-Au(17)-Au(1)	59.249(16)
Au(5)-Au(17)-Au(1)	155.73(2)
Ag(16)-Au(17)-Ag(20)	123.26(3)
Au(12)-Au(17)-Ag(20)	68.44(2)
Au(5)-Au(17)-Ag(20)	70.21(2)
Au(1)-Au(17)-Ag(20)	122.42(3)
Ag(16)-Au(17)-Ag(14)	67.75(3)
Au(12)-Au(17)-Ag(14)	138.93(3)
Au(5)-Au(17)-Ag(14)	60.23(2)
Au(1)-Au(17)-Ag(14)	140.27(3)
Ag(20)-Au(17)-Ag(14)	73.21(3)
Ag(16)-Au(17)-Au(10)	67.43(2)
Au(12)-Au(17)-Au(10)	160.59(2)
Au(5)-Au(17)-Au(10)	58.235(16)
Au(1)-Au(17)-Au(10)	116.32(2)
Ag(20)-Au(17)-Au(10)	120.96(3)
Ag(14)-Au(17)-Au(10)	57.85(2)
Ag(16)-Au(17)-Au(18)	60.36(2)
Au(12)-Au(17)-Au(18)	110.957(19)
Au(5)-Au(17)-Au(18)	107.29(2)
Au(1)-Au(17)-Au(18)	58.780(16)
Ag(20)-Au(17)-Au(18)	176.18(3)
Ag(14)-Au(17)-Au(18)	108.27(3)
Au(10)-Au(17)-Au(18)	58.412(16)
Ag(16)-Au(17)-Ag(11)	70.92(3)
Au(12)-Au(17)-Ag(11)	58.86(2)
Au(5)-Au(17)-Ag(11)	143.82(3)
Au(1)-Au(17)-Ag(11)	57.94(2)
Ag(20)-Au(17)-Ag(11)	75.94(3)

Ag(14)-Au(17)-Ag(11)	98.25(3)
Au(10)-Au(17)-Ag(11)	137.41(3)
Au(18)-Au(17)-Ag(11)	107.12(3)
Ag(16)-Au(17)-Au(16)	177.01(3)
Au(12)-Au(17)-Au(16)	59.185(17)
Au(5)-Au(17)-Au(16)	58.735(16)
Au(1)-Au(17)-Au(16)	108.30(2)
Ag(20)-Au(17)-Au(16)	57.22(2)
Ag(14)-Au(17)-Au(16)	110.24(3)
Au(10)-Au(17)-Au(16)	109.68(2)
Au(18)-Au(17)-Au(16)	119.08(2)
Ag(11)-Au(17)-Au(16)	111.80(3)
Ag(16)-Au(17)-Ag(3)	118.53(3)
Au(12)-Au(17)-Ag(3)	59.47(2)
Au(5)-Au(17)-Ag(3)	99.59(2)
Au(1)-Au(17)-Ag(3)	56.95(2)
Ag(20)-Au(17)-Ag(3)	113.97(3)
Ag(14)-Au(17)-Ag(3)	156.13(3)
Au(10)-Au(17)-Ag(3)	101.69(2)
Au(18)-Au(17)-Ag(3)	63.23(2)
Ag(11)-Au(17)-Ag(3)	105.56(3)
Au(16)-Au(17)-Ag(3)	62.34(2)
Ag(16)-Au(17)-Ag(1)	115.81(3)
Au(12)-Au(17)-Ag(1)	101.47(2)
Au(5)-Au(17)-Ag(1)	57.294(19)
Au(1)-Au(17)-Ag(1)	98.88(2)
Ag(20)-Au(17)-Ag(1)	113.99(3)
Ag(14)-Au(17)-Ag(1)	107.12(3)
Au(10)-Au(17)-Ag(1)	59.55(2)
Au(18)-Au(17)-Ag(1)	62.27(2)

Ag(11)-Au(17)-Ag(1)	154.45(3)
Au(16)-Au(17)-Ag(1)	62.32(2)
Ag(3)-Au(17)-Ag(1)	49.02(2)
Ag(17)-Au(18)-Au(1)	118.48(3)
Ag(17)-Au(18)-Au(10)	121.34(3)
Au(1)-Au(18)-Au(10)	118.87(2)
Ag(17)-Au(18)-Ag(16)	120.91(3)
Au(1)-Au(18)-Ag(16)	73.02(2)
Au(10)-Au(18)-Ag(16)	67.08(2)
Ag(17)-Au(18)-Au(9)	67.62(2)
Au(1)-Au(18)-Au(9)	58.563(17)
Au(10)-Au(18)-Au(9)	162.48(2)
Ag(16)-Au(18)-Au(9)	123.36(3)
Ag(17)-Au(18)-Au(2)	73.57(3)
Au(1)-Au(18)-Au(2)	156.57(2)
Au(10)-Au(18)-Au(2)	58.415(16)
Ag(16)-Au(18)-Au(2)	119.90(3)
Au(9)-Au(18)-Au(2)	116.05(2)
Ag(17)-Au(18)-Ag(10)	67.96(3)
Au(1)-Au(18)-Ag(10)	142.69(3)
Au(10)-Au(18)-Ag(10)	59.60(2)
Ag(16)-Au(18)-Ag(10)	73.22(3)
Au(9)-Au(18)-Ag(10)	134.37(3)
Au(2)-Au(18)-Ag(10)	59.04(2)
Ag(17)-Au(18)-Ag(7)	66.82(3)
Au(1)-Au(18)-Ag(7)	60.66(2)
Au(10)-Au(18)-Ag(7)	138.44(3)
Ag(16)-Au(18)-Ag(7)	74.46(3)
Au(9)-Au(18)-Ag(7)	57.70(2)
Au(2)-Au(18)-Ag(7)	138.91(3)

Ag(10)-Au(18)-Ag(7)	95.13(3)
Ag(17)-Au(18)-Au(17)	177.33(3)
Au(1)-Au(18)-Au(17)	59.381(17)
Au(10)-Au(18)-Au(17)	60.411(16)
Ag(16)-Au(18)-Au(17)	57.41(2)
Au(9)-Au(18)-Au(17)	111.29(2)
Au(2)-Au(18)-Au(17)	109.02(2)
Ag(10)-Au(18)-Au(17)	112.61(2)
Ag(7)-Au(18)-Au(17)	110.52(3)
Ag(17)-Au(18)-Au(7)	60.22(2)
Au(1)-Au(18)-Au(7)	108.466(19)
Au(10)-Au(18)-Au(7)	110.54(2)
Ag(16)-Au(18)-Au(7)	177.62(3)
Au(9)-Au(18)-Au(7)	58.885(15)
Au(2)-Au(18)-Au(7)	58.044(16)
Ag(10)-Au(18)-Au(7)	105.85(2)
Ag(7)-Au(18)-Au(7)	107.86(2)
Au(17)-Au(18)-Au(7)	121.56(2)
Ag(17)-Au(18)-Ag(1)	117.90(3)
Au(1)-Au(18)-Ag(1)	100.81(2)
Au(10)-Au(18)-Ag(1)	60.93(2)
Ag(16)-Au(18)-Ag(1)	115.28(3)
Au(9)-Au(18)-Ag(1)	101.78(2)
Au(2)-Au(18)-Ag(1)	56.55(2)
Ag(10)-Au(18)-Ag(1)	107.61(3)
Ag(7)-Au(18)-Ag(1)	156.93(3)
Au(17)-Au(18)-Ag(1)	64.58(2)
Au(7)-Au(18)-Ag(1)	62.77(2)
Ag(17)-Au(18)-Ag(3)	117.32(3)
Au(1)-Au(18)-Ag(3)	57.10(2)

Au(10)-Au(18)-Ag(3)	103.03(2)
Ag(16)-Au(18)-Ag(3)	115.88(3)
Au(9)-Au(18)-Ag(3)	60.32(2)
Au(2)-Au(18)-Ag(3)	99.79(2)
Ag(10)-Au(18)-Ag(3)	157.05(3)
Ag(7)-Au(18)-Ag(3)	107.51(3)
Au(17)-Au(18)-Ag(3)	63.25(2)
Au(7)-Au(18)-Ag(3)	64.15(2)
Ag(1)-Au(18)-Ag(3)	49.56(2)
S(19)-Au(19)-S(17)	172.98(11)
S(19)-Au(19)-Ag(9)	101.60(8)
S(17)-Au(19)-Ag(9)	75.61(8)
S(19)-Au(19)-Au(11)	80.62(7)
S(17)-Au(19)-Au(11)	102.58(7)
Ag(9)-Au(19)-Au(11)	55.58(2)
S(19)-Au(19)-Ag(12)	89.05(8)
S(17)-Au(19)-Ag(12)	97.84(8)
Ag(9)-Au(19)-Ag(12)	103.25(3)
Au(11)-Au(19)-Ag(12)	51.97(2)
S(19)-Au(19)-Ag(15)	136.93(8)
S(17)-Au(19)-Ag(15)	48.14(7)
Ag(9)-Au(19)-Ag(15)	66.55(3)
Au(11)-Au(19)-Ag(15)	58.13(2)
Ag(12)-Au(19)-Ag(15)	57.00(2)
S(30)-Au(20)-S(25)	173.18(12)
S(30)-Au(20)-Ag(11)	75.46(8)
S(25)-Au(20)-Ag(11)	99.88(8)
S(30)-Au(20)-Au(12)	102.27(8)
S(25)-Au(20)-Au(12)	78.62(7)
Ag(11)-Au(20)-Au(12)	55.70(2)

S(30)-Au(20)-Ag(13)	97.49(8)
S(25)-Au(20)-Ag(13)	88.42(8)
Ag(11)-Au(20)-Ag(13)	103.73(3)
Au(12)-Au(20)-Ag(13)	52.38(2)
S(30)-Au(20)-Ag(20)	47.47(8)
S(25)-Au(20)-Ag(20)	135.52(7)
Ag(11)-Au(20)-Ag(20)	66.60(3)
Au(12)-Au(20)-Ag(20)	58.443(19)
Ag(13)-Au(20)-Ag(20)	57.40(2)
S(7)-Au(21)-S(3)	173.97(11)
S(7)-Au(21)-Ag(10)	103.14(7)
S(3)-Au(21)-Ag(10)	73.37(8)
S(7)-Au(21)-Au(10)	79.31(7)
S(3)-Au(21)-Au(10)	102.16(7)
Ag(10)-Au(21)-Au(10)	55.60(2)
S(7)-Au(21)-Ag(14)	88.74(8)
S(3)-Au(21)-Ag(14)	96.75(8)
Ag(10)-Au(21)-Ag(14)	101.68(3)
Au(10)-Au(21)-Ag(14)	51.59(2)
S(7)-Au(21)-Ag(16)	135.64(7)
S(3)-Au(21)-Ag(16)	47.67(7)
Ag(10)-Au(21)-Ag(16)	64.44(3)
Au(10)-Au(21)-Ag(16)	58.17(2)
Ag(14)-Au(21)-Ag(16)	56.14(2)
S(7)-Au(21)-Ag(32)	48.82(7)
S(3)-Au(21)-Ag(32)	127.48(8)
Ag(10)-Au(21)-Ag(32)	54.32(2)
Au(10)-Au(21)-Ag(32)	53.731(19)
Ag(14)-Au(21)-Ag(32)	97.92(3)
Ag(16)-Au(21)-Ag(32)	105.23(2)

S(5)-Au(22)-S(2)	174.92(11)
S(5)-Au(22)-Ag(5)	105.51(8)
S(2)-Au(22)-Ag(5)	74.61(8)
S(5)-Au(22)-Au(8)	79.93(7)
S(2)-Au(22)-Au(8)	103.99(8)
Ag(5)-Au(22)-Au(8)	55.81(2)
S(5)-Au(22)-Ag(6)	82.50(8)
S(2)-Au(22)-Ag(6)	102.45(7)
Ag(5)-Au(22)-Ag(6)	104.01(3)
Au(8)-Au(22)-Ag(6)	51.83(2)
S(5)-Au(22)-Ag(30)	50.34(8)
S(2)-Au(22)-Ag(30)	129.44(8)
Ag(5)-Au(22)-Ag(30)	55.18(3)
Au(8)-Au(22)-Ag(30)	54.058(19)
Ag(6)-Au(22)-Ag(30)	95.51(3)
S(5)-Au(22)-Ag(19)	135.85(7)
S(2)-Au(22)-Ag(19)	49.00(8)
Ag(5)-Au(22)-Ag(19)	65.75(3)
Au(8)-Au(22)-Ag(19)	58.980(19)
Ag(6)-Au(22)-Ag(19)	60.34(2)
Ag(30)-Au(22)-Ag(19)	107.01(3)
S(13)-Au(23)-S(29)	172.81(11)
S(13)-Au(23)-Au(3)	82.67(8)
S(29)-Au(23)-Au(3)	101.23(8)
S(13)-Au(23)-Ag(4)	106.74(8)
S(29)-Au(23)-Ag(4)	71.06(8)
Au(3)-Au(23)-Ag(4)	56.98(2)
S(13)-Au(23)-Ag(8)	90.00(8)
S(29)-Au(23)-Ag(8)	97.17(7)
Au(3)-Au(23)-Ag(8)	52.936(19)

Ag(4)-Au(23)-Ag(8)	104.17(3)
S(13)-Au(23)-Ag(23)	50.92(8)
S(29)-Au(23)-Ag(23)	126.72(8)
Au(3)-Au(23)-Ag(23)	54.73(2)
Ag(4)-Au(23)-Ag(23)	55.87(3)
Ag(8)-Au(23)-Ag(23)	99.58(3)
S(13)-Au(23)-Ag(29)	138.47(8)
S(29)-Au(23)-Ag(29)	47.31(7)
Au(3)-Au(23)-Ag(29)	57.98(2)
Ag(4)-Au(23)-Ag(29)	64.46(3)
Ag(8)-Au(23)-Ag(29)	56.95(2)
Ag(23)-Au(23)-Ag(29)	106.07(3)
S(6)-Au(24)-S(14)	174.54(11)
S(6)-Au(24)-Ag(2)	104.38(8)
S(14)-Au(24)-Ag(2)	73.11(8)
S(6)-Au(24)-Au(9)	80.59(8)
S(14)-Au(24)-Au(9)	101.47(7)
Ag(2)-Au(24)-Au(9)	55.59(2)
S(6)-Au(24)-Ag(7)	88.58(7)
S(14)-Au(24)-Ag(7)	96.68(7)
Ag(2)-Au(24)-Ag(7)	102.14(3)
Au(9)-Au(24)-Ag(7)	51.831(19)
S(6)-Au(24)-Ag(21)	49.96(8)
S(14)-Au(24)-Ag(21)	127.41(8)
Ag(2)-Au(24)-Ag(21)	54.43(3)
Au(9)-Au(24)-Ag(21)	53.404(19)
Ag(7)-Au(24)-Ag(21)	97.43(3)
S(6)-Au(24)-Ag(17)	136.21(7)
S(14)-Au(24)-Ag(17)	47.49(7)
Ag(2)-Au(24)-Ag(17)	65.00(3)

Au(9)-Au(24)-Ag(17)	57.92(2)
Ag(7)-Au(24)-Ag(17)	56.00(2)
Ag(21)-Au(24)-Ag(17)	105.17(3)
C(135)-B(1)-C(129)	113.0(10)
C(135)-B(1)-C(141)	115.6(9)
C(129)-B(1)-C(141)	109.4(9)
C(135)-B(1)-C(147)	106.7(9)
C(129)-B(1)-C(147)	105.8(9)
C(141)-B(1)-C(147)	105.3(9)
C(159)-B(2)-C(165)	110.4(10)
C(159)-B(2)-C(153)	115.7(10)
C(165)-B(2)-C(153)	107.3(9)
C(159)-B(2)-C(171)	112.1(9)
C(165)-B(2)-C(171)	107.9(9)
C(153)-B(2)-C(171)	103.0(9)
C(2)-C(1)-C(3)	109.7(10)
C(2)-C(1)-C(4)	98.6(11)
C(3)-C(1)-C(4)	118.3(12)
C(2)-C(1)-S(1)	109.1(10)
C(3)-C(1)-S(1)	106.9(10)
C(4)-C(1)-S(1)	113.7(9)
C(1)-C(2)-H(2A)	109.5
C(1)-C(2)-H(2B)	109.5
H(2A)-C(2)-H(2B)	109.5
C(1)-C(2)-H(2C)	109.5
H(2A)-C(2)-H(2C)	109.5
H(2B)-C(2)-H(2C)	109.5
C(1)-C(3)-H(3A)	109.5
C(1)-C(3)-H(3B)	109.5
H(3A)-C(3)-H(3B)	109.5

C(1)-C(3)-H(3C)	109.5
H(3A)-C(3)-H(3C)	109.5
H(3B)-C(3)-H(3C)	109.5
C(1)-C(4)-H(4A)	109.5
C(1)-C(4)-H(4B)	109.5
H(4A)-C(4)-H(4B)	109.5
C(1)-C(4)-H(4C)	109.5
H(4A)-C(4)-H(4C)	109.5
H(4B)-C(4)-H(4C)	109.5
C(7)-C(5)-C(6)	109.7(11)
C(7)-C(5)-C(8)	107.0(12)
C(6)-C(5)-C(8)	106.2(10)
C(7)-C(5)-S(2)	112.6(10)
C(6)-C(5)-S(2)	109.9(9)
C(8)-C(5)-S(2)	111.2(9)
C(5)-C(6)-H(6A)	109.5
C(5)-C(6)-H(6B)	109.5
H(6A)-C(6)-H(6B)	109.5
C(5)-C(6)-H(6C)	109.5
H(6A)-C(6)-H(6C)	109.5
H(6B)-C(6)-H(6C)	109.5
C(5)-C(7)-H(7A)	109.5
C(5)-C(7)-H(7B)	109.5
H(7A)-C(7)-H(7B)	109.5
C(5)-C(7)-H(7C)	109.5
H(7A)-C(7)-H(7C)	109.5
H(7B)-C(7)-H(7C)	109.5
C(5)-C(8)-H(8D)	109.5
C(5)-C(8)-H(8E)	109.5
H(8D)-C(8)-H(8E)	109.5

C(5)-C(8)-H(8F)	109.5
H(8D)-C(8)-H(8F)	109.5
H(8E)-C(8)-H(8F)	109.5
C(11)-C(9)-C(10)	110.7(11)
C(11)-C(9)-C(12)	106.7(11)
C(10)-C(9)-C(12)	107.4(10)
C(11)-C(9)-S(3)	112.9(8)
C(10)-C(9)-S(3)	110.4(9)
C(12)-C(9)-S(3)	108.5(9)
C(9)-C(10)-H(10A)	109.5
C(9)-C(10)-H(10B)	109.5
H(10A)-C(10)-H(10B)	109.5
C(9)-C(10)-H(10C)	109.5
H(10A)-C(10)-H(10C)	109.5
H(10B)-C(10)-H(10C)	109.5
C(9)-C(11)-H(11A)	109.5
C(9)-C(11)-H(11B)	109.5
H(11A)-C(11)-H(11B)	109.5
C(9)-C(11)-H(11C)	109.5
H(11A)-C(11)-H(11C)	109.5
H(11B)-C(11)-H(11C)	109.5
C(9)-C(12)-H(12A)	109.5
C(9)-C(12)-H(12B)	109.5
H(12A)-C(12)-H(12B)	109.5
C(9)-C(12)-H(12C)	109.5
H(12A)-C(12)-H(12C)	109.5
H(12B)-C(12)-H(12C)	109.5
C(16)-C(13)-C(15)	107.4(11)
C(16)-C(13)-C(14)	104.3(12)
C(15)-C(13)-C(14)	111.3(12)

C(16)-C(13)-S(4)	110.0(10)
C(15)-C(13)-S(4)	114.6(9)
C(14)-C(13)-S(4)	108.8(9)
C(13)-C(14)-H(14A)	109.5
C(13)-C(14)-H(14B)	109.5
H(14A)-C(14)-H(14B)	109.5
C(13)-C(14)-H(14C)	109.5
H(14A)-C(14)-H(14C)	109.5
H(14B)-C(14)-H(14C)	109.5
C(13)-C(15)-H(15A)	109.5
C(13)-C(15)-H(15B)	109.5
H(15A)-C(15)-H(15B)	109.5
C(13)-C(15)-H(15C)	109.5
H(15A)-C(15)-H(15C)	109.5
H(15B)-C(15)-H(15C)	109.5
C(13)-C(16)-H(16A)	109.5
C(13)-C(16)-H(16B)	109.5
H(16A)-C(16)-H(16B)	109.5
C(13)-C(16)-H(16C)	109.5
H(16A)-C(16)-H(16C)	109.5
H(16B)-C(16)-H(16C)	109.5
C(18)-C(17)-C(20)	115.1(11)
C(18)-C(17)-C(19)	106.7(11)
C(20)-C(17)-C(19)	104.4(11)
C(18)-C(17)-S(5)	108.1(8)
C(20)-C(17)-S(5)	110.6(9)
C(19)-C(17)-S(5)	111.9(9)
C(17)-C(18)-H(18A)	109.5
C(17)-C(18)-H(18B)	109.5
H(18A)-C(18)-H(18B)	109.5

C(17)-C(18)-H(18C)	109.5
H(18A)-C(18)-H(18C)	109.5
H(18B)-C(18)-H(18C)	109.5
C(17)-C(19)-H(19A)	109.5
C(17)-C(19)-H(19B)	109.5
H(19A)-C(19)-H(19B)	109.5
C(17)-C(19)-H(19C)	109.5
H(19A)-C(19)-H(19C)	109.5
H(19B)-C(19)-H(19C)	109.5
C(17)-C(20)-H(20A)	109.5
C(17)-C(20)-H(20B)	109.5
H(20A)-C(20)-H(20B)	109.5
C(17)-C(20)-H(20C)	109.5
H(20A)-C(20)-H(20C)	109.5
H(20B)-C(20)-H(20C)	109.5
C(22)-C(21)-C(23)	112.3(12)
C(22)-C(21)-C(24)	106.5(12)
C(23)-C(21)-C(24)	111.8(11)
C(22)-C(21)-S(6)	107.6(9)
C(23)-C(21)-S(6)	113.8(9)
C(24)-C(21)-S(6)	104.2(10)
C(21)-C(22)-H(22A)	109.5
C(21)-C(22)-H(22B)	109.5
H(22A)-C(22)-H(22B)	109.5
C(21)-C(22)-H(22C)	109.5
H(22A)-C(22)-H(22C)	109.5
H(22B)-C(22)-H(22C)	109.5
C(21)-C(23)-H(23A)	109.5
C(21)-C(23)-H(23B)	109.5
H(23A)-C(23)-H(23B)	109.5

C(21)-C(23)-H(23C)	109.5
H(23A)-C(23)-H(23C)	109.5
H(23B)-C(23)-H(23C)	109.5
C(21)-C(24)-H(24A)	109.5
C(21)-C(24)-H(24B)	109.5
H(24A)-C(24)-H(24B)	109.5
C(21)-C(24)-H(24C)	109.5
H(24A)-C(24)-H(24C)	109.5
H(24B)-C(24)-H(24C)	109.5
C(26)-C(25)-C(28)	112.5(12)
C(26)-C(25)-C(27)	104.4(12)
C(28)-C(25)-C(27)	107.6(12)
C(26)-C(25)-S(7)	112.1(9)
C(28)-C(25)-S(7)	109.9(9)
C(27)-C(25)-S(7)	110.1(10)
C(25)-C(26)-H(26A)	109.5
C(25)-C(26)-H(26B)	109.5
H(26A)-C(26)-H(26B)	109.5
C(25)-C(26)-H(26C)	109.5
H(26A)-C(26)-H(26C)	109.5
H(26B)-C(26)-H(26C)	109.5
C(25)-C(27)-H(27A)	109.5
C(25)-C(27)-H(27B)	109.5
H(27A)-C(27)-H(27B)	109.5
C(25)-C(27)-H(27C)	109.5
H(27A)-C(27)-H(27C)	109.5
H(27B)-C(27)-H(27C)	109.5
C(25)-C(28)-H(28A)	109.5
C(25)-C(28)-H(28B)	109.5
H(28A)-C(28)-H(28B)	109.5

C(25)-C(28)-H(28C)	109.5
H(28A)-C(28)-H(28C)	109.5
H(28B)-C(28)-H(28C)	109.5
C(30)-C(29)-C(32)	105.8(12)
C(30)-C(29)-C(31)	102.7(12)
C(32)-C(29)-C(31)	118.6(12)
C(30)-C(29)-S(8)	116.9(11)
C(32)-C(29)-S(8)	107.2(9)
C(31)-C(29)-S(8)	106.2(9)
C(29)-C(30)-H(30A)	109.5
C(29)-C(30)-H(30B)	109.5
H(30A)-C(30)-H(30B)	109.5
C(29)-C(30)-H(30C)	109.5
H(30A)-C(30)-H(30C)	109.5
H(30B)-C(30)-H(30C)	109.5
C(29)-C(31)-H(31A)	109.5
C(29)-C(31)-H(31B)	109.5
H(31A)-C(31)-H(31B)	109.5
C(29)-C(31)-H(31C)	109.5
H(31A)-C(31)-H(31C)	109.5
H(31B)-C(31)-H(31C)	109.5
C(29)-C(32)-H(32A)	109.5
C(29)-C(32)-H(32B)	109.5
H(32A)-C(32)-H(32B)	109.5
C(29)-C(32)-H(32C)	109.5
H(32A)-C(32)-H(32C)	109.5
H(32B)-C(32)-H(32C)	109.5
C(35)-C(33)-C(36)	109.8(11)
C(35)-C(33)-C(34)	107.0(12)
C(36)-C(33)-C(34)	112.5(12)

C(35)-C(33)-S(9)	109.3(9)
C(36)-C(33)-S(9)	108.6(9)
C(34)-C(33)-S(9)	109.5(9)
C(33)-C(34)-H(34A)	109.5
C(33)-C(34)-H(34B)	109.5
H(34A)-C(34)-H(34B)	109.5
C(33)-C(34)-H(34C)	109.5
H(34A)-C(34)-H(34C)	109.5
H(34B)-C(34)-H(34C)	109.5
C(33)-C(35)-H(35A)	109.5
C(33)-C(35)-H(35B)	109.5
H(35A)-C(35)-H(35B)	109.5
C(33)-C(35)-H(35C)	109.5
H(35A)-C(35)-H(35C)	109.5
H(35B)-C(35)-H(35C)	109.5
C(33)-C(36)-H(36A)	109.5
C(33)-C(36)-H(36B)	109.5
H(36A)-C(36)-H(36B)	109.5
C(33)-C(36)-H(36C)	109.5
H(36A)-C(36)-H(36C)	109.5
H(36B)-C(36)-H(36C)	109.5
C(40)-C(37)-C(38)	110.2(12)
C(40)-C(37)-C(39)	113.6(12)
C(38)-C(37)-C(39)	111.1(11)
C(40)-C(37)-S(10)	106.6(8)
C(38)-C(37)-S(10)	106.5(9)
C(39)-C(37)-S(10)	108.5(9)
C(37)-C(38)-H(38A)	109.5
C(37)-C(38)-H(38B)	109.5
H(38A)-C(38)-H(38B)	109.5

C(37)-C(38)-H(38C)	109.5
H(38A)-C(38)-H(38C)	109.5
H(38B)-C(38)-H(38C)	109.5
C(37)-C(39)-H(39A)	109.5
C(37)-C(39)-H(39B)	109.5
H(39A)-C(39)-H(39B)	109.5
C(37)-C(39)-H(39C)	109.5
H(39A)-C(39)-H(39C)	109.5
H(39B)-C(39)-H(39C)	109.5
C(37)-C(40)-H(40A)	109.5
C(37)-C(40)-H(40B)	109.5
H(40A)-C(40)-H(40B)	109.5
C(37)-C(40)-H(40C)	109.5
H(40A)-C(40)-H(40C)	109.5
H(40B)-C(40)-H(40C)	109.5
C(44)-C(41)-C(43)	105.6(11)
C(44)-C(41)-C(42)	120.1(12)
C(43)-C(41)-C(42)	109.6(11)
C(44)-C(41)-S(11)	107.5(10)
C(43)-C(41)-S(11)	106.7(10)
C(42)-C(41)-S(11)	106.8(8)
C(41)-C(42)-H(42A)	109.5
C(41)-C(42)-H(42B)	109.5
H(42A)-C(42)-H(42B)	109.5
C(41)-C(42)-H(42C)	109.5
H(42A)-C(42)-H(42C)	109.5
H(42B)-C(42)-H(42C)	109.5
C(41)-C(43)-H(43A)	109.5
C(41)-C(43)-H(43B)	109.5
H(43A)-C(43)-H(43B)	109.5

C(41)-C(43)-H(43C)	109.5
H(43A)-C(43)-H(43C)	109.5
H(43B)-C(43)-H(43C)	109.5
C(41)-C(44)-H(44A)	109.5
C(41)-C(44)-H(44B)	109.5
H(44A)-C(44)-H(44B)	109.5
C(41)-C(44)-H(44C)	109.5
H(44A)-C(44)-H(44C)	109.5
H(44B)-C(44)-H(44C)	109.5
C(47)-C(45)-C(46)	105.0(11)
C(47)-C(45)-C(48)	105.4(12)
C(46)-C(45)-C(48)	112.2(13)
C(47)-C(45)-S(12)	115.8(11)
C(46)-C(45)-S(12)	110.3(9)
C(48)-C(45)-S(12)	108.1(10)
C(45)-C(46)-H(46A)	109.5
C(45)-C(46)-H(46B)	109.5
H(46A)-C(46)-H(46B)	109.5
C(45)-C(46)-H(46C)	109.5
H(46A)-C(46)-H(46C)	109.5
H(46B)-C(46)-H(46C)	109.5
C(45)-C(47)-H(47A)	109.5
C(45)-C(47)-H(47B)	109.5
H(47A)-C(47)-H(47B)	109.5
C(45)-C(47)-H(47C)	109.5
H(47A)-C(47)-H(47C)	109.5
H(47B)-C(47)-H(47C)	109.5
C(45)-C(48)-H(48A)	109.5
C(45)-C(48)-H(48B)	109.5
H(48A)-C(48)-H(48B)	109.5

C(45)-C(48)-H(48C)	109.5
H(48A)-C(48)-H(48C)	109.5
H(48B)-C(48)-H(48C)	109.5
C(51)-C(49)-C(50)	101.4(11)
C(51)-C(49)-C(52)	108.8(11)
C(50)-C(49)-C(52)	109.0(10)
C(51)-C(49)-S(13)	112.6(9)
C(50)-C(49)-S(13)	111.7(9)
C(52)-C(49)-S(13)	112.6(9)
C(49)-C(50)-H(50A)	109.5
C(49)-C(50)-H(50B)	109.5
H(50A)-C(50)-H(50B)	109.5
C(49)-C(50)-H(50C)	109.5
H(50A)-C(50)-H(50C)	109.5
H(50B)-C(50)-H(50C)	109.5
C(49)-C(51)-H(51A)	109.5
C(49)-C(51)-H(51B)	109.5
H(51A)-C(51)-H(51B)	109.5
C(49)-C(51)-H(51C)	109.5
H(51A)-C(51)-H(51C)	109.5
H(51B)-C(51)-H(51C)	109.5
C(49)-C(52)-H(52A)	109.5
C(49)-C(52)-H(52B)	109.5
H(52A)-C(52)-H(52B)	109.5
C(49)-C(52)-H(52C)	109.5
H(52A)-C(52)-H(52C)	109.5
H(52B)-C(52)-H(52C)	109.5
C(55)-C(53)-C(56)	112.7(12)
C(55)-C(53)-C(54)	108.7(11)
C(56)-C(53)-C(54)	107.9(11)

C(55)-C(53)-S(14)	107.7(9)
C(56)-C(53)-S(14)	111.7(9)
C(54)-C(53)-S(14)	108.1(9)
C(53)-C(54)-H(54A)	109.5
C(53)-C(54)-H(54B)	109.5
H(54A)-C(54)-H(54B)	109.5
C(53)-C(54)-H(54C)	109.5
H(54A)-C(54)-H(54C)	109.5
H(54B)-C(54)-H(54C)	109.5
C(53)-C(55)-H(55A)	109.5
C(53)-C(55)-H(55B)	109.5
H(55A)-C(55)-H(55B)	109.5
C(53)-C(55)-H(55C)	109.5
H(55A)-C(55)-H(55C)	109.5
H(55B)-C(55)-H(55C)	109.5
C(53)-C(56)-H(56A)	109.5
C(53)-C(56)-H(56B)	109.5
H(56A)-C(56)-H(56B)	109.5
C(53)-C(56)-H(56C)	109.5
H(56A)-C(56)-H(56C)	109.5
H(56B)-C(56)-H(56C)	109.5
C(60)-C(57)-C(58)	110.7(11)
C(60)-C(57)-C(59)	109.9(10)
C(58)-C(57)-C(59)	109.3(11)
C(60)-C(57)-S(15)	108.0(9)
C(58)-C(57)-S(15)	112.8(9)
C(59)-C(57)-S(15)	105.9(9)
C(57)-C(58)-H(58A)	109.5
C(57)-C(58)-H(58B)	109.5
H(58A)-C(58)-H(58B)	109.5

C(57)-C(58)-H(58C)	109.5
H(58A)-C(58)-H(58C)	109.5
H(58B)-C(58)-H(58C)	109.5
C(57)-C(59)-H(59A)	109.5
C(57)-C(59)-H(59B)	109.5
H(59A)-C(59)-H(59B)	109.5
C(57)-C(59)-H(59C)	109.5
H(59A)-C(59)-H(59C)	109.5
H(59B)-C(59)-H(59C)	109.5
C(57)-C(60)-H(60A)	109.5
C(57)-C(60)-H(60B)	109.5
H(60A)-C(60)-H(60B)	109.5
C(57)-C(60)-H(60C)	109.5
H(60A)-C(60)-H(60C)	109.5
H(60B)-C(60)-H(60C)	109.5
C(62)-C(61)-C(63)	106.4(12)
C(62)-C(61)-C(64)	111.9(11)
C(63)-C(61)-C(64)	108.4(11)
C(62)-C(61)-S(16)	112.3(9)
C(63)-C(61)-S(16)	108.7(9)
C(64)-C(61)-S(16)	109.1(9)
C(61)-C(62)-H(62A)	109.5
C(61)-C(62)-H(62B)	109.5
H(62A)-C(62)-H(62B)	109.5
C(61)-C(62)-H(62C)	109.5
H(62A)-C(62)-H(62C)	109.5
H(62B)-C(62)-H(62C)	109.5
C(61)-C(63)-H(63A)	109.5
C(61)-C(63)-H(63B)	109.5
H(63A)-C(63)-H(63B)	109.5

C(61)-C(63)-H(63C)	109.5
H(63A)-C(63)-H(63C)	109.5
H(63B)-C(63)-H(63C)	109.5
C(61)-C(64)-H(64A)	109.5
C(61)-C(64)-H(64B)	109.5
H(64A)-C(64)-H(64B)	109.5
C(61)-C(64)-H(64C)	109.5
H(64A)-C(64)-H(64C)	109.5
H(64B)-C(64)-H(64C)	109.5
C(66)-C(65)-C(67)	114.5(12)
C(66)-C(65)-C(68)	111.2(11)
C(67)-C(65)-C(68)	111.6(11)
C(66)-C(65)-S(17)	109.6(9)
C(67)-C(65)-S(17)	103.8(9)
C(68)-C(65)-S(17)	105.3(9)
C(65)-C(66)-H(66A)	109.5
C(65)-C(66)-H(66B)	109.5
H(66A)-C(66)-H(66B)	109.5
C(65)-C(66)-H(66C)	109.5
H(66A)-C(66)-H(66C)	109.5
H(66B)-C(66)-H(66C)	109.5
C(65)-C(67)-H(67A)	109.5
C(65)-C(67)-H(67B)	109.5
H(67A)-C(67)-H(67B)	109.5
C(65)-C(67)-H(67C)	109.5
H(67A)-C(67)-H(67C)	109.5
H(67B)-C(67)-H(67C)	109.5
C(65)-C(68)-H(68A)	109.5
C(65)-C(68)-H(68B)	109.5
H(68A)-C(68)-H(68B)	109.5

C(65)-C(68)-H(68C)	109.5
H(68A)-C(68)-H(68C)	109.5
H(68B)-C(68)-H(68C)	109.5
C(72)-C(69)-C(71)	107.4(11)
C(72)-C(69)-C(70)	107.1(11)
C(71)-C(69)-C(70)	105.0(12)
C(72)-C(69)-S(18)	111.6(10)
C(71)-C(69)-S(18)	115.8(11)
C(70)-C(69)-S(18)	109.4(9)
C(69)-C(70)-H(70A)	109.5
C(69)-C(70)-H(70B)	109.5
H(70A)-C(70)-H(70B)	109.5
C(69)-C(70)-H(70C)	109.5
H(70A)-C(70)-H(70C)	109.5
H(70B)-C(70)-H(70C)	109.5
C(69)-C(71)-H(71A)	109.5
C(69)-C(71)-H(71B)	109.5
H(71A)-C(71)-H(71B)	109.5
C(69)-C(71)-H(71C)	109.5
H(71A)-C(71)-H(71C)	109.5
H(71B)-C(71)-H(71C)	109.5
C(69)-C(72)-H(72A)	109.5
C(69)-C(72)-H(72B)	109.5
H(72A)-C(72)-H(72B)	109.5
C(69)-C(72)-H(72C)	109.5
H(72A)-C(72)-H(72C)	109.5
H(72B)-C(72)-H(72C)	109.5
C(75)-C(73)-C(76)	113.0(12)
C(75)-C(73)-C(74)	115.2(12)
C(76)-C(73)-C(74)	101.2(11)

C(75)-C(73)-S(19)	106.9(9)
C(76)-C(73)-S(19)	108.4(9)
C(74)-C(73)-S(19)	112.1(9)
C(73)-C(74)-H(74A)	109.5
C(73)-C(74)-H(74B)	109.5
H(74A)-C(74)-H(74B)	109.5
C(73)-C(74)-H(74C)	109.5
H(74A)-C(74)-H(74C)	109.5
H(74B)-C(74)-H(74C)	109.5
C(73)-C(75)-H(75A)	109.5
C(73)-C(75)-H(75B)	109.5
H(75A)-C(75)-H(75B)	109.5
C(73)-C(75)-H(75C)	109.5
H(75A)-C(75)-H(75C)	109.5
H(75B)-C(75)-H(75C)	109.5
C(73)-C(76)-H(76A)	109.5
C(73)-C(76)-H(76B)	109.5
H(76A)-C(76)-H(76B)	109.5
C(73)-C(76)-H(76C)	109.5
H(76A)-C(76)-H(76C)	109.5
H(76B)-C(76)-H(76C)	109.5
C(79)-C(77)-C(78)	105.5(12)
C(79)-C(77)-C(80)	109.3(11)
C(78)-C(77)-C(80)	109.7(11)
C(79)-C(77)-S(20)	112.7(10)
C(78)-C(77)-S(20)	109.1(8)
C(80)-C(77)-S(20)	110.4(9)
C(77)-C(78)-H(78A)	109.5
C(77)-C(78)-H(78B)	109.5
H(78A)-C(78)-H(78B)	109.5

C(77)-C(78)-H(78C)	109.5
H(78A)-C(78)-H(78C)	109.5
H(78B)-C(78)-H(78C)	109.5
C(77)-C(79)-H(79A)	109.5
C(77)-C(79)-H(79B)	109.5
H(79A)-C(79)-H(79B)	109.5
C(77)-C(79)-H(79C)	109.5
H(79A)-C(79)-H(79C)	109.5
H(79B)-C(79)-H(79C)	109.5
C(77)-C(80)-H(80A)	109.5
C(77)-C(80)-H(80B)	109.5
H(80A)-C(80)-H(80B)	109.5
C(77)-C(80)-H(80C)	109.5
H(80A)-C(80)-H(80C)	109.5
H(80B)-C(80)-H(80C)	109.5
C(82)-C(81)-C(83)	108.7(12)
C(82)-C(81)-C(84)	106.4(12)
C(83)-C(81)-C(84)	111.6(12)
C(82)-C(81)-S(21)	112.6(10)
C(83)-C(81)-S(21)	109.4(10)
C(84)-C(81)-S(21)	108.1(10)
C(81)-C(82)-H(82A)	109.5
C(81)-C(82)-H(82B)	109.5
H(82A)-C(82)-H(82B)	109.5
C(81)-C(82)-H(82C)	109.5
H(82A)-C(82)-H(82C)	109.5
H(82B)-C(82)-H(82C)	109.5
C(81)-C(83)-H(83A)	109.5
C(81)-C(83)-H(83B)	109.5
H(83A)-C(83)-H(83B)	109.5

C(81)-C(83)-H(83C)	109.5
H(83A)-C(83)-H(83C)	109.5
H(83B)-C(83)-H(83C)	109.5
C(81)-C(84)-H(84A)	109.5
C(81)-C(84)-H(84B)	109.5
H(84A)-C(84)-H(84B)	109.5
C(81)-C(84)-H(84C)	109.5
H(84A)-C(84)-H(84C)	109.5
H(84B)-C(84)-H(84C)	109.5
C(88)-C(85)-C(86)	112.8(11)
C(88)-C(85)-C(87)	110.3(11)
C(86)-C(85)-C(87)	101.1(12)
C(88)-C(85)-S(22)	110.9(10)
C(86)-C(85)-S(22)	112.0(10)
C(87)-C(85)-S(22)	109.3(10)
C(85)-C(86)-H(86A)	109.5
C(85)-C(86)-H(86B)	109.5
H(86A)-C(86)-H(86B)	109.5
C(85)-C(86)-H(86C)	109.5
H(86A)-C(86)-H(86C)	109.5
H(86B)-C(86)-H(86C)	109.5
C(85)-C(87)-H(87A)	109.5
C(85)-C(87)-H(87B)	109.5
H(87A)-C(87)-H(87B)	109.5
C(85)-C(87)-H(87C)	109.5
H(87A)-C(87)-H(87C)	109.5
H(87B)-C(87)-H(87C)	109.5
C(85)-C(88)-H(88A)	109.5
C(85)-C(88)-H(88B)	109.5
H(88A)-C(88)-H(88B)	109.5

C(85)-C(88)-H(88C)	109.5
H(88A)-C(88)-H(88C)	109.5
H(88B)-C(88)-H(88C)	109.5
C(91)-C(89)-C(92)	113.7(11)
C(91)-C(89)-C(90)	115.4(12)
C(92)-C(89)-C(90)	107.7(11)
C(91)-C(89)-S(23)	107.8(9)
C(92)-C(89)-S(23)	110.4(9)
C(90)-C(89)-S(23)	101.2(8)
C(89)-C(90)-H(90A)	109.5
C(89)-C(90)-H(90B)	109.5
H(90A)-C(90)-H(90B)	109.5
C(89)-C(90)-H(90C)	109.5
H(90A)-C(90)-H(90C)	109.5
H(90B)-C(90)-H(90C)	109.5
C(89)-C(91)-H(91A)	109.5
C(89)-C(91)-H(91B)	109.5
H(91A)-C(91)-H(91B)	109.5
C(89)-C(91)-H(91C)	109.5
H(91A)-C(91)-H(91C)	109.5
H(91B)-C(91)-H(91C)	109.5
C(89)-C(92)-H(92A)	109.5
C(89)-C(92)-H(92B)	109.5
H(92A)-C(92)-H(92B)	109.5
C(89)-C(92)-H(92C)	109.5
H(92A)-C(92)-H(92C)	109.5
H(92B)-C(92)-H(92C)	109.5
C(95)-C(93)-C(94)	108.3(12)
C(95)-C(93)-C(96)	110.3(11)
C(94)-C(93)-C(96)	109.9(11)

C(95)-C(93)-S(24)	109.4(10)
C(94)-C(93)-S(24)	112.3(9)
C(96)-C(93)-S(24)	106.7(10)
C(93)-C(94)-H(94A)	109.5
C(93)-C(94)-H(94B)	109.5
H(94A)-C(94)-H(94B)	109.5
C(93)-C(94)-H(94C)	109.5
H(94A)-C(94)-H(94C)	109.5
H(94B)-C(94)-H(94C)	109.5
C(93)-C(95)-H(95A)	109.5
C(93)-C(95)-H(95B)	109.5
H(95A)-C(95)-H(95B)	109.5
C(93)-C(95)-H(95C)	109.5
H(95A)-C(95)-H(95C)	109.5
H(95B)-C(95)-H(95C)	109.5
C(93)-C(96)-H(96A)	109.5
C(93)-C(96)-H(96B)	109.5
H(96A)-C(96)-H(96B)	109.5
C(93)-C(96)-H(96C)	109.5
H(96A)-C(96)-H(96C)	109.5
H(96B)-C(96)-H(96C)	109.5
C(99)-C(97)-C(98)	110.9(11)
C(99)-C(97)-C(100)	117.0(12)
C(98)-C(97)-C(100)	103.0(11)
C(99)-C(97)-S(25)	107.1(9)
C(98)-C(97)-S(25)	111.0(9)
C(100)-C(97)-S(25)	107.8(9)
C(97)-C(98)-H(98A)	109.5
C(97)-C(98)-H(98B)	109.5
H(98A)-C(98)-H(98B)	109.5

C(97)-C(98)-H(98C)	109.5
H(98A)-C(98)-H(98C)	109.5
H(98B)-C(98)-H(98C)	109.5
C(97)-C(99)-H(99A)	109.5
C(97)-C(99)-H(99B)	109.5
H(99A)-C(99)-H(99B)	109.5
C(97)-C(99)-H(99C)	109.5
H(99A)-C(99)-H(99C)	109.5
H(99B)-C(99)-H(99C)	109.5
C(97)-C(100)-H(10D)	109.5
C(97)-C(100)-H(10E)	109.5
H(10D)-C(100)-H(10E)	109.5
C(97)-C(100)-H(10F)	109.5
H(10D)-C(100)-H(10F)	109.5
H(10E)-C(100)-H(10F)	109.5
C(102)-C(101)-C(104)	108.3(12)
C(102)-C(101)-C(103)	105.9(11)
C(104)-C(101)-C(103)	98.5(11)
C(102)-C(101)-S(26)	117.1(10)
C(104)-C(101)-S(26)	108.0(9)
C(103)-C(101)-S(26)	117.2(10)
C(101)-C(102)-H(10G)	109.5
C(101)-C(102)-H(10H)	109.5
H(10G)-C(102)-H(10H)	109.5
C(101)-C(102)-H(10I)	109.5
H(10G)-C(102)-H(10I)	109.5
H(10H)-C(102)-H(10I)	109.5
C(101)-C(103)-H(10J)	109.5
C(101)-C(103)-H(10K)	109.5
H(10J)-C(103)-H(10K)	109.5

C(101)-C(103)-H(10L)	109.5
H(10J)-C(103)-H(10L)	109.5
H(10K)-C(103)-H(10L)	109.5
C(101)-C(104)-H(10M)	109.5
C(101)-C(104)-H(10N)	109.5
H(10M)-C(104)-H(10N)	109.5
C(101)-C(104)-H(10O)	109.5
H(10M)-C(104)-H(10O)	109.5
H(10N)-C(104)-H(10O)	109.5
C(106)-C(105)-C(107)	104.8(13)
C(106)-C(105)-C(108)	116.0(12)
C(107)-C(105)-C(108)	112.5(12)
C(106)-C(105)-S(27)	105.0(10)
C(107)-C(105)-S(27)	108.8(9)
C(108)-C(105)-S(27)	109.3(10)
C(105)-C(106)-H(10P)	109.5
C(105)-C(106)-H(10Q)	109.5
H(10P)-C(106)-H(10Q)	109.5
C(105)-C(106)-H(10R)	109.5
H(10P)-C(106)-H(10R)	109.5
H(10Q)-C(106)-H(10R)	109.5
C(105)-C(107)-H(10S)	109.5
C(105)-C(107)-H(10T)	109.5
H(10S)-C(107)-H(10T)	109.5
C(105)-C(107)-H(10U)	109.5
H(10S)-C(107)-H(10U)	109.5
H(10T)-C(107)-H(10U)	109.5
C(105)-C(108)-H(10V)	109.5
C(105)-C(108)-H(10W)	109.5
H(10V)-C(108)-H(10W)	109.5

C(105)-C(108)-H(10$)	109.5
H(10V)-C(108)-H(10$)	109.5
H(10W)-C(108)-H(10$)	109.5
C(112)-C(109)-C(110)	115.0(12)
C(112)-C(109)-C(111)	102.9(12)
C(110)-C(109)-C(111)	103.4(11)
C(112)-C(109)-S(28)	110.0(9)
C(110)-C(109)-S(28)	115.9(10)
C(111)-C(109)-S(28)	108.3(9)
C(109)-C(110)-H(11D)	109.5
C(109)-C(110)-H(11E)	109.5
H(11D)-C(110)-H(11E)	109.5
C(109)-C(110)-H(11F)	109.5
H(11D)-C(110)-H(11F)	109.5
H(11E)-C(110)-H(11F)	109.5
C(109)-C(111)-H(11G)	109.5
C(109)-C(111)-H(11H)	109.5
H(11G)-C(111)-H(11H)	109.5
C(109)-C(111)-H(11I)	109.5
H(11G)-C(111)-H(11I)	109.5
H(11H)-C(111)-H(11I)	109.5
C(109)-C(112)-H(11J)	109.5
C(109)-C(112)-H(11K)	109.5
H(11J)-C(112)-H(11K)	109.5
C(109)-C(112)-H(11L)	109.5
H(11J)-C(112)-H(11L)	109.5
H(11K)-C(112)-H(11L)	109.5
C(116)-C(113)-C(115)	107.2(13)
C(116)-C(113)-C(114)	104.8(12)
C(115)-C(113)-C(114)	106.3(11)

C(116)-C(113)-S(29)	115.8(9)
C(115)-C(113)-S(29)	113.0(10)
C(114)-C(113)-S(29)	109.0(10)
C(113)-C(114)-H(11M)	109.5
C(113)-C(114)-H(11N)	109.5
H(11M)-C(114)-H(11N)	109.5
C(113)-C(114)-H(11O)	109.5
H(11M)-C(114)-H(11O)	109.5
H(11N)-C(114)-H(11O)	109.5
C(113)-C(115)-H(11P)	109.5
C(113)-C(115)-H(11Q)	109.5
H(11P)-C(115)-H(11Q)	109.5
C(113)-C(115)-H(11R)	109.5
H(11P)-C(115)-H(11R)	109.5
H(11Q)-C(115)-H(11R)	109.5
C(113)-C(116)-H(11S)	109.5
C(113)-C(116)-H(11T)	109.5
H(11S)-C(116)-H(11T)	109.5
C(113)-C(116)-H(11U)	109.5
H(11S)-C(116)-H(11U)	109.5
H(11T)-C(116)-H(11U)	109.5
C(118)-C(117)-C(119)	110.6(12)
C(118)-C(117)-C(120)	102.3(11)
C(119)-C(117)-C(120)	115.6(12)
C(118)-C(117)-S(30)	113.4(9)
C(119)-C(117)-S(30)	108.3(8)
C(120)-C(117)-S(30)	106.5(9)
C(117)-C(118)-H(11V)	109.5
C(117)-C(118)-H(11W)	109.5
H(11V)-C(118)-H(11W)	109.5

C(117)-C(118)-H(111)	109.5
H(11V)-C(118)-H(111)	109.5
H(11W)-C(118)-H(111)	109.5
C(117)-C(119)-H(11$)	109.5
C(117)-C(119)-H(112)	109.5
H(11$)-C(119)-H(112)	109.5
C(117)-C(119)-H(113)	109.5
H(11$)-C(119)-H(113)	109.5
H(112)-C(119)-H(113)	109.5
C(117)-C(120)-H(12D)	109.5
C(117)-C(120)-H(12E)	109.5
H(12D)-C(120)-H(12E)	109.5
C(117)-C(120)-H(12F)	109.5
H(12D)-C(120)-H(12F)	109.5
H(12E)-C(120)-H(12F)	109.5
C(123)-C(121)-C(122)	115.8(12)
C(123)-C(121)-C(124)	114.2(12)
C(122)-C(121)-C(124)	104.1(11)
C(123)-C(121)-S(31)	106.5(10)
C(122)-C(121)-S(31)	109.8(9)
C(124)-C(121)-S(31)	106.0(9)
C(121)-C(122)-H(12G)	109.5
C(121)-C(122)-H(12H)	109.5
H(12G)-C(122)-H(12H)	109.5
C(121)-C(122)-H(12I)	109.5
H(12G)-C(122)-H(12I)	109.5
H(12H)-C(122)-H(12I)	109.5
C(121)-C(123)-H(12J)	109.5
C(121)-C(123)-H(12K)	109.5
H(12J)-C(123)-H(12K)	109.5

C(121)-C(123)-H(12L)	109.5
H(12J)-C(123)-H(12L)	109.5
H(12K)-C(123)-H(12L)	109.5
C(121)-C(124)-H(12M)	109.5
C(121)-C(124)-H(12N)	109.5
H(12M)-C(124)-H(12N)	109.5
C(121)-C(124)-H(12O)	109.5
H(12M)-C(124)-H(12O)	109.5
H(12N)-C(124)-H(12O)	109.5
C(126)-C(125)-C(128)	109.2(11)
C(126)-C(125)-C(127)	116.9(12)
C(128)-C(125)-C(127)	113.2(12)
C(126)-C(125)-S(32)	110.3(10)
C(128)-C(125)-S(32)	98.9(9)
C(127)-C(125)-S(32)	106.7(8)
C(125)-C(126)-H(12P)	109.5
C(125)-C(126)-H(12Q)	109.5
H(12P)-C(126)-H(12Q)	109.5
C(125)-C(126)-H(12R)	109.5
H(12P)-C(126)-H(12R)	109.5
H(12Q)-C(126)-H(12R)	109.5
C(125)-C(127)-H(12S)	109.5
C(125)-C(127)-H(12T)	109.5
H(12S)-C(127)-H(12T)	109.5
C(125)-C(127)-H(12U)	109.5
H(12S)-C(127)-H(12U)	109.5
H(12T)-C(127)-H(12U)	109.5
C(125)-C(128)-H(12V)	109.5
C(125)-C(128)-H(12W)	109.5
H(12V)-C(128)-H(12W)	109.5

C(125)-C(128)-H(12$)	109.5
H(12V)-C(128)-H(12$)	109.5
H(12W)-C(128)-H(12$)	109.5
C(134)-C(129)-C(130)	120.8(13)
C(134)-C(129)-B(1)	127.1(11)
C(130)-C(129)-B(1)	111.5(10)
C(129)-C(130)-C(131)	118.4(12)
C(129)-C(130)-H(130)	120.8
C(131)-C(130)-H(130)	120.8
C(132)-C(131)-C(130)	120.3(13)
C(132)-C(131)-H(131)	119.8
C(130)-C(131)-H(131)	119.8
C(131)-C(132)-C(133)	121.0(13)
C(131)-C(132)-H(132)	119.5
C(133)-C(132)-H(132)	119.5
C(132)-C(133)-C(134)	118.3(13)
C(132)-C(133)-H(133)	120.9
C(134)-C(133)-H(133)	120.9
C(129)-C(134)-C(133)	121.1(12)
C(129)-C(134)-H(134)	119.4
C(133)-C(134)-H(134)	119.4
C(136)-C(135)-C(140)	116.5(14)
C(136)-C(135)-B(1)	125.1(12)
C(140)-C(135)-B(1)	117.0(11)
C(135)-C(136)-C(137)	119.8(14)
C(135)-C(136)-H(136)	120.1
C(137)-C(136)-H(136)	120.1
C(138)-C(137)-C(136)	127.5(14)
C(138)-C(137)-H(137)	116.3
C(136)-C(137)-H(137)	116.3

C(137)-C(138)-C(139)	112.2(14)
C(137)-C(138)-H(138)	123.9
C(139)-C(138)-H(138)	123.9
C(138)-C(139)-C(140)	125.1(13)
C(138)-C(139)-H(139)	117.4
C(140)-C(139)-H(139)	117.4
C(139)-C(140)-C(135)	117.7(13)
C(139)-C(140)-H(140)	121.1
C(135)-C(140)-H(140)	121.1
C(146)-C(141)-C(142)	118.9(12)
C(146)-C(141)-B(1)	120.1(11)
C(142)-C(141)-B(1)	120.8(10)
C(143)-C(142)-C(141)	120.9(13)
C(143)-C(142)-H(142)	119.6
C(141)-C(142)-H(142)	119.6
C(144)-C(143)-C(142)	120.2(13)
C(144)-C(143)-H(143)	119.9
C(142)-C(143)-H(143)	119.9
C(143)-C(144)-C(145)	120.5(12)
C(143)-C(144)-H(144)	119.7
C(145)-C(144)-H(144)	119.7
C(144)-C(145)-C(146)	119.3(13)
C(144)-C(145)-H(145)	120.4
C(146)-C(145)-H(145)	120.4
C(141)-C(146)-C(145)	120.2(13)
C(141)-C(146)-H(146)	119.9
C(145)-C(146)-H(146)	119.9
C(152)-C(147)-C(148)	113.2(13)
C(152)-C(147)-B(1)	124.0(12)
C(148)-C(147)-B(1)	122.8(10)

C(149)-C(148)-C(147)	119.9(13)
C(149)-C(148)-H(148)	120.0
C(147)-C(148)-H(148)	120.0
C(150)-C(149)-C(148)	126.3(14)
C(150)-C(149)-H(149)	116.9
C(148)-C(149)-H(149)	116.9
C(149)-C(150)-C(151)	115.7(13)
C(149)-C(150)-H(150)	122.2
C(151)-C(150)-H(150)	122.2
C(150)-C(151)-C(152)	119.1(13)
C(150)-C(151)-H(151)	120.4
C(152)-C(151)-H(151)	120.4
C(147)-C(152)-C(151)	125.6(14)
C(147)-C(152)-H(152)	117.2
C(151)-C(152)-H(152)	117.2
C(154)-C(153)-C(158)	115.4(12)
C(154)-C(153)-B(2)	124.5(11)
C(158)-C(153)-B(2)	119.3(10)
C(153)-C(154)-C(155)	120.7(13)
C(153)-C(154)-H(154)	119.7
C(155)-C(154)-H(154)	119.7
C(156)-C(155)-C(154)	120.7(12)
C(156)-C(155)-H(155)	119.6
C(154)-C(155)-H(155)	119.6
C(157)-C(156)-C(155)	120.1(13)
C(157)-C(156)-H(156)	120.0
C(155)-C(156)-H(156)	120.0
C(158)-C(157)-C(156)	118.1(13)
C(158)-C(157)-H(157)	121.0
C(156)-C(157)-H(157)	121.0

C(157)-C(158)-C(153)	124.7(13)
C(157)-C(158)-H(158)	117.7
C(153)-C(158)-H(158)	117.7
C(160)-C(159)-C(164)	114.3(13)
C(160)-C(159)-B(2)	122.4(11)
C(164)-C(159)-B(2)	123.1(11)
C(161)-C(160)-C(159)	118.5(13)
C(161)-C(160)-H(160)	120.7
C(159)-C(160)-H(160)	120.7
C(160)-C(161)-C(162)	127.8(13)
C(160)-C(161)-H(161)	116.1
C(162)-C(161)-H(161)	116.1
C(163)-C(162)-C(161)	110.9(13)
C(163)-C(162)-H(162)	124.6
C(161)-C(162)-H(162)	124.6
C(164)-C(163)-C(162)	124.1(13)
C(164)-C(163)-H(163)	118.0
C(162)-C(163)-H(163)	118.0
C(163)-C(164)-C(159)	124.3(13)
C(163)-C(164)-H(164)	117.9
C(159)-C(164)-H(164)	117.9
C(166)-C(165)-C(170)	115.5(13)
C(166)-C(165)-B(2)	116.9(11)
C(170)-C(165)-B(2)	127.5(12)
C(165)-C(166)-C(167)	124.2(14)
C(165)-C(166)-H(166)	117.9
C(167)-C(166)-H(166)	117.9
C(168)-C(167)-C(166)	117.4(13)
C(168)-C(167)-H(167)	121.3
C(166)-C(167)-H(167)	121.3

C(167)-C(168)-C(169)	120.6(13)
C(167)-C(168)-H(168)	119.7
C(169)-C(168)-H(168)	119.7
C(170)-C(169)-C(168)	115.0(13)
C(170)-C(169)-H(169)	122.5
C(168)-C(169)-H(169)	122.5
C(169)-C(170)-C(165)	127.2(14)
C(169)-C(170)-H(170)	116.4
C(165)-C(170)-H(170)	116.4
C(176)-C(171)-C(172)	115.7(13)
C(176)-C(171)-B(2)	121.6(11)
C(172)-C(171)-B(2)	122.5(10)
C(171)-C(172)-C(173)	125.8(12)
C(171)-C(172)-H(172)	117.1
C(173)-C(172)-H(172)	117.1
C(172)-C(173)-C(174)	117.4(13)
C(172)-C(173)-H(173)	121.3
C(174)-C(173)-H(173)	121.3
C(173)-C(174)-C(175)	116.5(13)
C(173)-C(174)-H(174)	121.7
C(175)-C(174)-H(174)	121.7
C(176)-C(175)-C(174)	122.2(13)
C(176)-C(175)-H(175)	118.9
C(174)-C(175)-H(175)	118.9
C(175)-C(176)-C(171)	122.0(13)
C(175)-C(176)-H(176)	119.0
C(171)-C(176)-H(176)	119.0
C(1)-S(1)-Ag(40)	117.8(5)
C(1)-S(1)-Ag(8)	110.8(5)
Ag(40)-S(1)-Ag(8)	73.13(8)

C(1)-S(1)-Ag(25)	112.5(5)
Ag(40)-S(1)-Ag(25)	126.74(12)
Ag(8)-S(1)-Ag(25)	73.76(8)
C(5)-S(2)-Au(22)	109.0(4)
C(5)-S(2)-Ag(19)	128.9(4)
Au(22)-S(2)-Ag(19)	86.19(10)
C(9)-S(3)-Au(21)	110.5(4)
C(9)-S(3)-Ag(16)	126.6(4)
Au(21)-S(3)-Ag(16)	87.53(10)
C(9)-S(3)-Ag(37)	123.8(4)
Au(21)-S(3)-Ag(37)	117.62(11)
Ag(16)-S(3)-Ag(37)	83.71(9)
C(13)-S(4)-Ag(26)	119.7(5)
C(13)-S(4)-Ag(12)	114.2(5)
Ag(26)-S(4)-Ag(12)	72.65(9)
C(13)-S(4)-Ag(22)	109.6(5)
Ag(26)-S(4)-Ag(22)	128.20(12)
Ag(12)-S(4)-Ag(22)	73.64(9)
C(17)-S(5)-Au(22)	110.5(4)
C(17)-S(5)-Ag(30)	114.2(4)
Au(22)-S(5)-Ag(30)	85.23(10)
C(17)-S(5)-Ag(38)	137.8(4)
Au(22)-S(5)-Ag(38)	111.25(11)
Ag(30)-S(5)-Ag(38)	75.32(8)
C(21)-S(6)-Au(24)	112.9(4)
C(21)-S(6)-Ag(27)	134.7(4)
Au(24)-S(6)-Ag(27)	100.73(11)
C(21)-S(6)-Ag(21)	123.8(4)
Au(24)-S(6)-Ag(21)	85.21(10)
Ag(27)-S(6)-Ag(21)	87.23(10)

C(25)-S(7)-Au(21)	111.5(5)
C(25)-S(7)-Ag(32)	121.3(5)
Au(21)-S(7)-Ag(32)	86.97(10)
C(25)-S(7)-Ag(41)	135.4(5)
Au(21)-S(7)-Ag(41)	101.74(11)
Ag(32)-S(7)-Ag(41)	88.41(9)
C(29)-S(8)-Ag(41)	123.3(5)
C(29)-S(8)-Ag(23)	123.7(4)
Ag(41)-S(8)-Ag(23)	84.45(9)
C(29)-S(8)-Ag(24)	127.0(4)
Ag(41)-S(8)-Ag(24)	89.80(10)
Ag(23)-S(8)-Ag(24)	97.05(10)
C(33)-S(9)-Ag(34)	114.1(4)
C(33)-S(9)-Ag(6)	114.9(4)
Ag(34)-S(9)-Ag(6)	74.33(9)
C(33)-S(9)-Ag(28)	115.3(4)
Ag(34)-S(9)-Ag(28)	128.87(13)
Ag(6)-S(9)-Ag(28)	73.98(8)
C(37)-S(10)-Ag(37)	116.8(4)
C(37)-S(10)-Ag(7)	114.7(4)
Ag(37)-S(10)-Ag(7)	72.20(8)
C(37)-S(10)-Ag(18)	111.9(4)
Ag(37)-S(10)-Ag(18)	127.90(12)
Ag(7)-S(10)-Ag(18)	71.71(8)
C(41)-S(11)-Ag(31)	111.2(4)
C(41)-S(11)-Ag(11)	114.3(4)
Ag(31)-S(11)-Ag(11)	72.99(9)
C(41)-S(11)-Ag(18)	109.3(4)
Ag(31)-S(11)-Ag(18)	133.36(13)
Ag(11)-S(11)-Ag(18)	69.95(8)

C(45)-S(12)-Ag(36)	112.0(5)
C(45)-S(12)-Ag(4)	115.1(5)
Ag(36)-S(12)-Ag(4)	70.47(8)
C(45)-S(12)-Ag(24)	110.2(4)
Ag(36)-S(12)-Ag(24)	131.25(12)
Ag(4)-S(12)-Ag(24)	70.31(8)
C(49)-S(13)-Au(23)	107.2(4)
C(49)-S(13)-Ag(23)	125.8(4)
Au(23)-S(13)-Ag(23)	83.80(10)
C(49)-S(13)-Ag(33)	139.3(4)
Au(23)-S(13)-Ag(33)	102.00(11)
Ag(23)-S(13)-Ag(33)	84.52(10)
C(53)-S(14)-Au(24)	108.4(4)
C(53)-S(14)-Ag(17)	127.3(4)
Au(24)-S(14)-Ag(17)	87.82(9)
C(53)-S(14)-Ag(34)	126.4(4)
Au(24)-S(14)-Ag(34)	117.27(12)
Ag(17)-S(14)-Ag(34)	82.32(9)
C(57)-S(15)-Ag(36)	114.1(4)
C(57)-S(15)-Ag(13)	113.2(4)
Ag(36)-S(15)-Ag(13)	72.63(9)
C(57)-S(15)-Ag(35)	112.8(4)
Ag(36)-S(15)-Ag(35)	128.80(13)
Ag(13)-S(15)-Ag(35)	71.20(8)
C(61)-S(16)-Ag(34)	111.3(4)
C(61)-S(16)-Ag(2)	114.1(4)
Ag(34)-S(16)-Ag(2)	70.85(8)
C(61)-S(16)-Ag(22)	109.8(4)
Ag(34)-S(16)-Ag(22)	130.56(12)
Ag(2)-S(16)-Ag(22)	68.06(8)

C(65)-S(17)-Au(19)	106.8(4)
C(65)-S(17)-Ag(15)	128.2(4)
Au(19)-S(17)-Ag(15)	86.87(10)
C(65)-S(17)-Ag(40)	130.3(4)
Au(19)-S(17)-Ag(40)	115.75(11)
Ag(15)-S(17)-Ag(40)	79.92(9)
C(69)-S(18)-Ag(37)	109.8(5)
C(69)-S(18)-Ag(10)	117.7(5)
Ag(37)-S(18)-Ag(10)	71.48(8)
C(69)-S(18)-Ag(28)	111.0(4)
Ag(37)-S(18)-Ag(28)	132.07(13)
Ag(10)-S(18)-Ag(28)	68.00(8)
C(73)-S(19)-Au(19)	109.5(4)
C(73)-S(19)-Ag(39)	123.0(5)
Au(19)-S(19)-Ag(39)	91.50(10)
C(73)-S(19)-Ag(45)	139.1(4)
Au(19)-S(19)-Ag(45)	102.09(11)
Ag(39)-S(19)-Ag(45)	80.21(9)
C(77)-S(20)-Ag(45)	125.3(4)
C(77)-S(20)-Ag(21)	122.3(4)
Ag(45)-S(20)-Ag(21)	83.85(9)
C(77)-S(20)-Ag(22)	128.7(4)
Ag(45)-S(20)-Ag(22)	93.77(10)
Ag(21)-S(20)-Ag(22)	90.14(10)
C(81)-S(21)-Ag(40)	110.2(4)
C(81)-S(21)-Ag(9)	115.8(4)
Ag(40)-S(21)-Ag(9)	73.09(8)
C(81)-S(21)-Ag(35)	113.6(5)
Ag(40)-S(21)-Ag(35)	132.41(13)
Ag(9)-S(21)-Ag(35)	71.91(9)

C(85)-S(22)-Ag(27)	117.1(5)
C(85)-S(22)-Ag(44)	126.0(5)
Ag(27)-S(22)-Ag(44)	79.84(9)
C(85)-S(22)-Ag(18)	127.5(5)
Ag(27)-S(22)-Ag(18)	86.24(10)
Ag(44)-S(22)-Ag(18)	103.00(11)
C(89)-S(23)-Ag(31)	116.0(4)
C(89)-S(23)-Ag(14)	116.1(4)
Ag(31)-S(23)-Ag(14)	71.53(8)
C(89)-S(23)-Ag(24)	113.9(4)
Ag(31)-S(23)-Ag(24)	126.84(12)
Ag(14)-S(23)-Ag(24)	71.20(8)
C(93)-S(24)-Ag(26)	110.4(4)
C(93)-S(24)-Ag(5)	115.8(4)
Ag(26)-S(24)-Ag(5)	71.96(8)
C(93)-S(24)-Ag(25)	110.2(5)
Ag(26)-S(24)-Ag(25)	133.21(12)
Ag(5)-S(24)-Ag(25)	70.16(8)
C(97)-S(25)-Au(20)	110.1(4)
C(97)-S(25)-Ag(42)	134.8(5)
Au(20)-S(25)-Ag(42)	105.90(11)
C(97)-S(25)-Ag(44)	122.8(4)
Au(20)-S(25)-Ag(44)	96.98(11)
Ag(42)-S(25)-Ag(44)	77.65(9)
C(101)-S(26)-Ag(32)	119.1(4)
C(101)-S(26)-Ag(28)	126.9(5)
Ag(32)-S(26)-Ag(28)	89.94(10)
C(101)-S(26)-Ag(38)	123.8(5)
Ag(32)-S(26)-Ag(38)	77.46(9)
Ag(28)-S(26)-Ag(38)	104.32(11)

C(105)-S(27)-Ag(30)	121.2(5)
C(105)-S(27)-Ag(25)	128.4(4)
Ag(30)-S(27)-Ag(25)	97.19(11)
C(105)-S(27)-Ag(33)	120.5(5)
Ag(30)-S(27)-Ag(33)	82.07(9)
Ag(25)-S(27)-Ag(33)	96.04(11)
C(109)-S(28)-Ag(39)	123.5(4)
C(109)-S(28)-Ag(35)	128.7(4)
Ag(39)-S(28)-Ag(35)	103.31(11)
C(109)-S(28)-Ag(42)	115.4(5)
Ag(39)-S(28)-Ag(42)	76.65(9)
Ag(35)-S(28)-Ag(42)	93.15(10)
C(113)-S(29)-Au(23)	110.7(4)
C(113)-S(29)-Ag(29)	127.3(5)
Au(23)-S(29)-Ag(29)	88.53(10)
C(117)-S(30)-Au(20)	110.2(4)
C(117)-S(30)-Ag(20)	127.6(4)
Au(20)-S(30)-Ag(20)	89.78(11)
C(117)-S(30)-Ag(31)	124.7(4)
Au(20)-S(30)-Ag(31)	116.63(12)
Ag(20)-S(30)-Ag(31)	81.16(8)
C(121)-S(31)-Ag(46)	122.8(4)
C(121)-S(31)-Ag(38)	112.1(5)
Ag(46)-S(31)-Ag(38)	76.08(9)
C(121)-S(31)-Ag(33)	122.0(5)
Ag(46)-S(31)-Ag(33)	75.29(9)
Ag(38)-S(31)-Ag(33)	125.89(11)
C(121)-S(31)-Ag(30)	141.3(4)
Ag(46)-S(31)-Ag(30)	95.70(10)
Ag(38)-S(31)-Ag(30)	70.45(8)

Ag(33)-S(31)-Ag(30)	67.94(7)
C(125)-S(32)-Ag(43)	121.0(4)
C(125)-S(32)-Ag(42)	141.1(4)
Ag(43)-S(32)-Ag(42)	92.08(10)
C(125)-S(32)-Ag(39)	130.6(4)
Ag(43)-S(32)-Ag(39)	83.71(9)
Ag(42)-S(32)-Ag(39)	67.77(8)

Symmetry transformations used to generate equivalent atoms:

Table S4. Anisotropic displacement parameters ($Å^2 \times 10^3$) for $[Ag_{46}Au_{24}(S^tBu)_{32}](BPh_4)_2$. The anisotropic displacement factor exponent takes the form: $-2p^2[\ h^2\ a^{*2}U^{11} + ...\ + 2\ h\ k\ a^*\ b^*\ U^{12}\ ]$

	U^{11}	U^{22}	U^{33}	U^{23}	U^{13}	U^{12}
Ag(1)	25(1)	25(1)	25(1)	-2(1)	7(1)	6(1)
Ag(2)	30(1)	26(1)	26(1)	-4(1)	7(1)	-1(1)
Ag(3)	25(1)	24(1)	25(1)	-3(1)	7(1)	6(1)
Ag(4)	30(1)	27(1)	29(1)	-5(1)	6(1)	0(1)
Ag(5)	28(1)	28(1)	26(1)	6(1)	7(1)	-4(1)
Ag(6)	26(1)	31(1)	28(1)	-2(1)	-2(1)	-2(1)
Ag(7)	31(1)	26(1)	26(1)	4(1)	6(1)	-2(1)
Ag(8)	30(1)	26(1)	29(1)	5(1)	6(1)	-4(1)
Ag(9)	26(1)	28(1)	29(1)	-4(1)	7(1)	-3(1)
Ag(10)	25(1)	27(1)	27(1)	4(1)	7(1)	-2(1)
Ag(11)	31(1)	29(1)	26(1)	3(1)	5(1)	-5(1)
Ag(12)	28(1)	30(1)	28(1)	-6(1)	9(1)	-3(1)
Ag(13)	29(1)	30(1)	30(1)	-5(1)	-4(1)	-1(1)
Ag(14)	28(1)	30(1)	27(1)	-7(1)	9(1)	-2(1)

Ag(15)	27(1)	29(1)	27(1)	3(1)	7(1)	-2(1)
Ag(16)	30(1)	29(1)	25(1)	2(1)	7(1)	-3(1)
Ag(17)	27(1)	27(1)	26(1)	-3(1)	5(1)	-3(1)
Ag(18)	34(1)	28(1)	27(1)	3(1)	5(1)	-5(1)
Ag(19)	28(1)	27(1)	26(1)	-2(1)	6(1)	-1(1)
Ag(20)	30(1)	28(1)	27(1)	-5(1)	0(1)	5(1)
Ag(21)	29(1)	26(1)	33(1)	-5(1)	9(1)	8(1)
Ag(22)	30(1)	29(1)	29(1)	-8(1)	9(1)	5(1)
Ag(23)	31(1)	26(1)	33(1)	2(1)	9(1)	9(1)
Ag(24)	32(1)	27(1)	30(1)	-8(1)	8(1)	6(1)
Ag(25)	32(1)	27(1)	30(1)	8(1)	6(1)	-5(1)
Ag(26)	29(1)	31(1)	28(1)	-5(1)	8(1)	-7(1)
Ag(27)	33(1)	26(1)	30(1)	-2(1)	-2(1)	8(1)
Ag(28)	27(1)	32(1)	30(1)	-4(1)	-2(1)	-3(1)
Ag(29)	29(1)	26(1)	30(1)	-4(1)	0(1)	-1(1)
Ag(30)	30(1)	29(1)	30(1)	8(1)	-2(1)	6(1)
Ag(31)	32(1)	31(1)	28(1)	-6(1)	7(1)	-7(1)
Ag(32)	27(1)	28(1)	29(1)	4(1)	7(1)	7(1)
Ag(33)	32(1)	28(1)	31(1)	-1(1)	-3(1)	7(1)
Ag(34)	30(1)	30(1)	30(1)	-10(1)	10(1)	-10(1)
Ag(35)	28(1)	31(1)	33(1)	-6(1)	-4(1)	-1(1)
Ag(36)	32(1)	31(1)	33(1)	-6(1)	-5(1)	7(1)
Ag(37)	30(1)	29(1)	30(1)	6(1)	9(1)	-6(1)
Ag(38)	27(1)	30(1)	32(1)	8(1)	5(1)	8(1)
Ag(39)	29(1)	31(1)	30(1)	-6(1)	-3(1)	10(1)
Ag(40)	29(1)	31(1)	34(1)	5(1)	7(1)	-6(1)
Ag(41)	28(1)	27(1)	35(1)	-6(1)	10(1)	8(1)
Ag(42)	29(1)	33(1)	32(1)	6(1)	-3(1)	11(1)
Ag(43)	28(1)	27(1)	31(1)	3(1)	-1(1)	9(1)
Ag(44)	32(1)	26(1)	34(1)	5(1)	-7(1)	8(1)

Ag(45)	27(1)	28(1)	36(1)	-8(1)	7(1)	7(1)
Ag(46)	27(1)	27(1)	31(1)	3(1)	6(1)	8(1)
Au(1)	29(1)	25(1)	25(1)	6(1)	-4(1)	6(1)
Au(2)	25(1)	27(1)	26(1)	5(1)	7(1)	6(1)
Au(3)	27(1)	26(1)	28(1)	-4(1)	7(1)	7(1)
Au(4)	26(1)	25(1)	27(1)	-6(1)	8(1)	7(1)
Au(5)	26(1)	25(1)	28(1)	-6(1)	8(1)	7(1)
Au(6)	27(1)	25(1)	27(1)	6(1)	6(1)	-3(1)
Au(7)	26(1)	25(1)	26(1)	4(1)	7(1)	6(1)
Au(8)	25(1)	26(1)	27(1)	6(1)	6(1)	5(1)
Au(9)	27(1)	24(1)	26(1)	-5(1)	7(1)	7(1)
Au(10)	25(1)	25(1)	27(1)	-6(1)	9(1)	7(1)
Au(11)	25(1)	26(1)	28(1)	-6(1)	7(1)	7(1)
Au(12)	27(1)	26(1)	26(1)	6(1)	5(1)	6(1)
Au(13)	27(1)	25(1)	27(1)	4(1)	7(1)	6(1)
Au(14)	26(1)	27(1)	26(1)	4(1)	6(1)	7(1)
Au(15)	25(1)	27(1)	26(1)	4(1)	7(1)	6(1)
Au(16)	27(1)	26(1)	27(1)	3(1)	7(1)	7(1)
Au(17)	26(1)	26(1)	26(1)	-5(1)	7(1)	6(1)
Au(18)	26(1)	24(1)	25(1)	-4(1)	6(1)	7(1)
Au(19)	28(1)	30(1)	29(1)	6(1)	9(1)	7(1)
Au(20)	30(1)	30(1)	28(1)	-6(1)	-6(1)	7(1)
Au(21)	29(1)	30(1)	28(1)	5(1)	10(1)	-5(1)
Au(22)	30(1)	31(1)	28(1)	7(1)	-6(1)	7(1)
Au(23)	30(1)	28(1)	32(1)	-5(1)	-6(1)	6(1)
Au(24)	30(1)	28(1)	32(1)	-5(1)	-6(1)	6(1)
B(1)	34(8)	45(9)	41(9)	9(7)	8(7)	-5(7)
B(2)	43(9)	40(9)	36(8)	-4(7)	11(7)	-8(7)
C(1)	42(8)	33(7)	43(8)	12(6)	3(6)	-13(6)
C(2)	47(8)	31(7)	25(6)	4(5)	2(5)	-12(6)

C(3)	39(7)	33(7)	43(8)	14(6)	-14(6)	-13(6)
C(4)	45(8)	33(7)	53(9)	-6(6)	-5(7)	-11(6)
C(5)	36(7)	30(6)	29(6)	9(5)	1(5)	-2(5)
C(6)	30(6)	27(6)	39(7)	2(5)	6(5)	-9(5)
C(7)	74(11)	29(7)	38(8)	11(6)	-10(7)	-2(7)
C(8)	29(7)	34(7)	48(8)	-3(6)	0(6)	-1(5)
C(9)	38(7)	29(6)	34(7)	1(5)	12(5)	-10(5)
C(10)	39(7)	26(6)	22(6)	0(5)	0(5)	-17(5)
C(11)	37(7)	23(6)	36(7)	4(5)	19(5)	-12(5)
C(12)	30(7)	45(8)	40(7)	-12(6)	17(6)	5(6)
C(13)	37(7)	44(8)	32(7)	-5(6)	14(6)	5(6)
C(14)	34(7)	53(9)	47(8)	-20(7)	11(6)	11(6)
C(15)	30(7)	45(8)	40(7)	-12(6)	17(6)	5(6)
C(16)	50(9)	51(9)	54(9)	10(7)	30(7)	17(7)
C(17)	32(6)	28(6)	37(7)	13(5)	-3(5)	0(5)
C(18)	28(6)	29(6)	40(7)	14(5)	-10(5)	5(5)
C(19)	44(8)	33(7)	35(7)	8(6)	-2(6)	-9(6)
C(20)	45(8)	41(8)	30(7)	4(6)	-15(6)	15(6)
C(21)	36(7)	32(7)	28(6)	-6(5)	13(5)	1(5)
C(22)	43(8)	38(8)	52(9)	-14(7)	23(7)	-9(6)
C(23)	40(7)	21(6)	33(6)	-7(5)	10(5)	2(5)
C(24)	40(8)	65(10)	34(7)	-16(7)	2(6)	-19(7)
C(25)	30(7)	46(8)	45(8)	-7(6)	15(6)	7(6)
C(26)	30(7)	45(8)	40(7)	-12(6)	17(6)	5(6)
C(27)	30(7)	55(9)	46(8)	-11(7)	18(6)	8(6)
C(28)	18(6)	44(8)	52(8)	-10(6)	9(5)	7(5)
C(29)	54(8)	27(6)	33(7)	-6(5)	11(6)	15(6)
C(30)	60(10)	36(8)	50(9)	-18(7)	1(7)	19(7)
C(31)	37(7)	52(9)	46(8)	8(7)	15(6)	32(7)
C(32)	42(8)	38(8)	50(8)	7(6)	3(6)	12(6)

C(33)	32(7)	38(7)	31(6)	-4(5)	-4(5)	-9(5)
C(34)	40(8)	39(8)	44(8)	3(6)	-12(6)	-10(6)
C(35)	30(7)	53(9)	34(7)	-10(6)	-4(5)	-9(6)
C(36)	23(6)	44(8)	44(8)	-14(6)	-14(5)	-4(5)
C(37)	34(7)	32(7)	38(7)	11(6)	2(5)	-9(5)
C(38)	29(6)	43(8)	42(7)	20(6)	1(5)	-20(6)
C(39)	35(7)	26(6)	49(8)	6(6)	-6(6)	-4(5)
C(40)	34(7)	32(7)	38(7)	11(6)	2(5)	-9(5)
C(41)	34(7)	33(7)	30(6)	-2(5)	14(5)	-11(5)
C(42)	34(7)	46(8)	40(7)	-3(6)	0(6)	-15(6)
C(43)	59(10)	52(9)	32(7)	-11(7)	1(7)	14(8)
C(44)	42(8)	37(7)	50(8)	6(6)	21(7)	-14(6)
C(45)	38(7)	35(7)	42(7)	-16(6)	-8(6)	8(6)
C(46)	30(7)	45(8)	40(7)	-12(6)	17(6)	5(6)
C(47)	57(9)	38(8)	39(8)	-14(6)	3(7)	4(7)
C(48)	47(9)	52(9)	47(9)	-10(7)	-13(7)	-17(7)
C(49)	21(5)	31(6)	25(6)	-1(5)	7(4)	3(5)
C(50)	37(7)	43(8)	33(7)	-16(6)	0(6)	24(6)
C(51)	45(8)	44(8)	46(8)	-6(7)	23(7)	-14(7)
C(52)	43(8)	53(9)	28(7)	-4(6)	-2(6)	-11(7)
C(53)	34(7)	32(7)	32(6)	-3(5)	3(5)	-9(5)
C(54)	29(7)	47(8)	44(8)	-5(6)	3(6)	-7(6)
C(55)	35(7)	31(7)	41(7)	-5(6)	15(6)	-15(5)
C(56)	42(8)	53(9)	35(7)	1(6)	12(6)	-5(7)
C(57)	24(6)	34(7)	30(6)	-4(5)	1(5)	-2(5)
C(58)	39(7)	42(8)	29(6)	4(6)	-2(5)	-15(6)
C(59)	46(8)	49(8)	23(6)	-7(6)	11(5)	-10(6)
C(60)	27(6)	36(7)	30(6)	1(5)	3(5)	-5(5)
C(61)	45(8)	30(7)	31(7)	-8(5)	7(6)	-4(6)
C(62)	35(7)	36(7)	48(8)	7(6)	0(6)	-20(6)

C(63)	45(8)	40(8)	33(7)	-10(6)	4(6)	9(6)
C(64)	45(7)	20(6)	30(6)	-3(5)	6(5)	-9(5)
C(65)	36(7)	29(6)	39(7)	6(5)	16(6)	-6(5)
C(66)	41(8)	37(7)	40(7)	-8(6)	-4(6)	24(6)
C(67)	45(8)	35(7)	36(7)	14(6)	2(6)	-7(6)
C(68)	36(7)	32(7)	46(8)	-2(6)	17(6)	-3(6)
C(69)	32(7)	34(7)	48(8)	5(6)	1(6)	-9(6)
C(70)	41(8)	34(7)	40(7)	17(6)	7(6)	9(6)
C(71)	31(7)	45(8)	57(9)	8(7)	-9(6)	10(6)
C(72)	44(8)	27(6)	35(7)	-4(5)	3(6)	-10(6)
C(73)	31(7)	34(7)	44(8)	9(6)	14(6)	9(5)
C(74)	38(8)	42(8)	49(8)	2(6)	22(6)	0(6)
C(75)	37(7)	33(7)	48(8)	4(6)	-3(6)	13(6)
C(76)	42(8)	27(6)	45(8)	2(6)	20(6)	19(6)
C(77)	43(7)	27(6)	26(6)	-4(5)	12(5)	9(5)
C(78)	31(7)	52(9)	39(7)	13(6)	12(6)	22(6)
C(79)	60(9)	39(8)	33(7)	-15(6)	9(6)	7(7)
C(80)	38(7)	41(7)	34(7)	6(6)	13(6)	21(6)
C(81)	32(7)	42(8)	40(7)	-4(6)	-4(6)	-11(6)
C(82)	43(8)	47(8)	36(7)	1(6)	8(6)	-2(6)
C(83)	43(8)	45(8)	43(8)	0(7)	3(6)	-11(7)
C(84)	36(8)	43(8)	58(9)	0(7)	-19(7)	-11(6)
C(85)	50(8)	28(7)	43(8)	8(6)	-12(6)	0(6)
C(86)	51(9)	47(8)	38(8)	15(6)	-20(7)	12(7)
C(87)	44(8)	31(7)	59(9)	-5(6)	25(7)	-17(6)
C(88)	53(8)	25(6)	35(7)	10(5)	-21(6)	-4(6)
C(89)	40(7)	40(7)	30(6)	-11(6)	11(5)	-1(6)
C(90)	33(6)	28(6)	24(6)	-7(5)	17(5)	-8(5)
C(91)	39(7)	47(8)	31(7)	-16(6)	13(6)	-9(6)
C(92)	41(7)	40(7)	26(6)	-10(5)	15(5)	12(6)

C(93)	41(7)	44(8)	28(6)	9(6)	8(5)	-11(6)
C(94)	43(7)	25(6)	32(6)	-11(5)	-3(5)	-6(5)
C(95)	41(8)	45(8)	41(8)	21(6)	9(6)	-9(6)
C(96)	31(7)	64(10)	32(7)	-4(7)	11(5)	-18(7)
C(97)	41(7)	31(7)	33(7)	7(5)	-11(6)	10(6)
C(98)	31(6)	44(7)	22(6)	4(5)	-17(5)	8(6)
C(99)	46(8)	50(9)	32(7)	4(6)	-14(6)	-2(7)
C(100)	31(7)	38(7)	51(8)	8(6)	-3(6)	14(6)
C(101)	26(6)	53(9)	36(7)	-5(6)	4(5)	12(6)
C(102)	29(7)	39(8)	56(9)	12(7)	-6(6)	14(6)
C(103)	38(7)	37(7)	36(7)	18(6)	8(6)	13(6)
C(104)	33(7)	59(9)	41(8)	9(7)	0(6)	31(7)
C(105)	47(8)	35(7)	46(8)	19(6)	13(7)	6(6)
C(106)	58(10)	33(7)	57(10)	21(7)	-5(8)	9(7)
C(107)	53(9)	27(7)	42(8)	9(6)	13(6)	16(6)
C(108)	31(7)	41(8)	45(8)	23(6)	11(6)	10(6)
C(109)	29(7)	46(8)	38(7)	-5(6)	-6(5)	8(6)
C(110)	33(7)	64(10)	42(8)	3(7)	2(6)	14(7)
C(111)	25(6)	47(8)	51(8)	-18(7)	5(6)	19(6)
C(112)	26(6)	39(7)	38(7)	-6(6)	-3(5)	15(5)
C(113)	39(7)	31(7)	47(8)	-9(6)	-19(6)	0(6)
C(114)	43(8)	45(8)	43(8)	-12(7)	5(6)	-12(7)
C(115)	39(7)	38(7)	40(7)	0(6)	4(6)	-6(6)
C(116)	35(7)	49(9)	47(8)	3(7)	-2(6)	-6(6)
C(117)	32(7)	44(8)	28(6)	-10(6)	-2(5)	3(6)
C(118)	29(7)	40(7)	43(8)	-11(6)	-6(6)	4(6)
C(119)	26(6)	71(10)	35(7)	-30(7)	-16(5)	12(7)
C(120)	44(8)	58(10)	40(8)	3(7)	-19(7)	-8(7)
C(121)	32(7)	38(7)	40(7)	-2(6)	-8(6)	14(6)
C(122)	41(8)	49(9)	45(8)	-14(7)	11(6)	14(7)

C(123)	27(7)	40(8)	64(10)	11(7)	-25(6)	-4(6)
C(124)	32(7)	49(8)	37(7)	-15(6)	-4(6)	13(6)
C(125)	31(7)	34(7)	43(7)	2(6)	0(6)	14(5)
C(126)	36(7)	30(7)	52(8)	20(6)	-5(6)	1(6)
C(127)	37(7)	27(7)	56(9)	14(6)	-9(6)	11(6)
C(128)	43(8)	38(8)	50(8)	8(6)	9(7)	15(6)
C(129)	31(6)	39(7)	30(6)	4(5)	7(5)	-10(5)
C(130)	30(6)	34(7)	36(7)	19(5)	-15(5)	-9(5)
C(131)	35(7)	36(7)	59(9)	8(7)	28(7)	-11(6)
C(132)	41(7)	32(7)	35(7)	-2(5)	14(6)	10(6)
C(133)	39(8)	41(8)	46(8)	-7(6)	12(6)	3(6)
C(134)	37(7)	20(6)	46(8)	11(5)	-8(6)	-9(5)
C(135)	43(8)	52(9)	46(8)	14(7)	4(7)	2(7)
C(136)	47(8)	38(8)	44(8)	11(6)	-1(6)	22(6)
C(137)	30(7)	50(9)	46(8)	12(7)	6(6)	-8(6)
C(138)	34(7)	52(9)	42(8)	17(7)	18(6)	15(6)
C(139)	42(8)	42(8)	35(7)	-18(6)	7(6)	6(6)
C(140)	42(8)	28(7)	46(8)	-14(6)	-3(6)	-15(6)
C(141)	45(8)	24(6)	40(7)	-6(5)	12(6)	-9(6)
C(142)	35(7)	51(8)	28(6)	13(6)	-7(5)	24(6)
C(143)	40(8)	30(7)	47(8)	-1(6)	13(6)	-9(6)
C(144)	36(7)	36(7)	32(7)	-7(5)	7(5)	-11(6)
C(145)	48(8)	28(7)	41(7)	-11(6)	11(6)	-8(6)
C(146)	46(8)	33(7)	38(7)	8(6)	6(6)	10(6)
C(147)	54(9)	41(8)	28(6)	0(6)	23(6)	-2(6)
C(148)	37(7)	37(7)	33(7)	-5(5)	20(6)	5(6)
C(149)	45(8)	34(7)	37(7)	-7(6)	19(6)	-2(6)
C(150)	36(7)	39(7)	41(7)	-3(6)	15(6)	-7(6)
C(151)	36(7)	32(7)	44(8)	-5(6)	11(6)	7(6)
C(152)	36(7)	48(8)	38(7)	8(6)	13(6)	-13(6)

C(153)	37(7)	43(8)	38(7)	-9(6)	9(6)	-10(6)
C(154)	35(7)	34(7)	37(7)	-5(6)	7(6)	-2(6)
C(155)	32(6)	26(6)	33(6)	6(5)	2(5)	7(5)
C(156)	50(9)	39(8)	45(8)	-15(6)	17(7)	-17(7)
C(157)	47(8)	33(7)	43(8)	-11(6)	16(6)	-9(6)
C(158)	47(8)	33(7)	34(7)	5(6)	8(6)	-5(6)
C(159)	42(8)	38(7)	38(7)	-8(6)	10(6)	-7(6)
C(160)	42(8)	40(8)	40(7)	15(6)	12(6)	-5(6)
C(161)	42(7)	25(6)	38(7)	-6(5)	10(6)	1(5)
C(162)	38(7)	36(7)	41(7)	15(6)	7(6)	-14(6)
C(163)	38(7)	42(8)	36(7)	-21(6)	7(6)	-14(6)
C(164)	36(7)	31(7)	41(7)	6(6)	2(6)	-13(5)
C(165)	36(7)	37(7)	44(8)	6(6)	8(6)	-4(6)
C(166)	39(7)	37(7)	40(7)	1(6)	11(6)	6(6)
C(167)	44(8)	33(7)	40(7)	-15(6)	16(6)	-1(6)
C(168)	44(8)	39(8)	40(7)	-13(6)	9(6)	-7(6)
C(169)	42(8)	42(8)	38(7)	-17(6)	-17(6)	-7(6)
C(170)	39(8)	36(8)	55(9)	-18(7)	-6(7)	6(6)
C(171)	41(7)	38(7)	33(7)	-4(6)	11(6)	-10(6)
C(172)	39(7)	36(7)	41(7)	-16(6)	-10(6)	-13(6)
C(173)	37(7)	35(7)	39(7)	-5(6)	5(6)	-15(6)
C(174)	46(8)	29(7)	33(7)	-1(5)	11(6)	-5(6)
C(175)	37(7)	47(8)	36(7)	-7(6)	8(6)	7(6)
C(176)	22(6)	46(8)	36(7)	-8(6)	4(5)	-4(5)
S(1)	31(2)	31(2)	34(2)	7(1)	9(1)	-9(1)
S(2)	31(2)	31(2)	32(2)	5(1)	6(1)	-6(1)
S(3)	30(2)	32(2)	29(2)	7(1)	5(1)	-6(1)
S(4)	31(2)	34(2)	29(2)	-6(1)	9(1)	5(1)
S(5)	30(2)	35(2)	30(2)	7(1)	-4(1)	7(1)
S(6)	33(2)	26(2)	30(2)	-2(1)	-2(1)	8(1)

S(7)	30(2)	33(2)	33(2)	-3(1)	13(1)	9(1)
S(8)	35(2)	29(2)	34(2)	-8(1)	11(1)	10(1)
S(9)	29(2)	36(2)	30(2)	-4(1)	-2(1)	-7(1)
S(10)	35(2)	31(2)	26(1)	5(1)	6(1)	-7(1)
S(11)	34(2)	32(2)	31(2)	-4(1)	7(1)	-9(1)
S(12)	34(2)	31(2)	31(2)	-8(1)	7(1)	-7(1)
S(13)	32(2)	28(2)	31(2)	-1(1)	-3(1)	7(1)
S(14)	30(2)	30(2)	30(2)	-10(1)	-10(1)	-10(1)
S(15)	31(2)	34(2)	32(2)	-6(1)	-4(1)	-4(1)
S(16)	33(2)	30(2)	30(2)	-8(1)	8(1)	-7(1)
S(17)	29(2)	31(2)	31(2)	6(1)	6(1)	-6(1)
S(18)	31(2)	33(2)	32(2)	-5(1)	-3(1)	-6(1)
S(19)	30(2)	29(2)	36(2)	-8(1)	9(1)	8(1)
S(20)	31(2)	28(2)	35(2)	-8(1)	11(1)	6(1)
S(21)	31(2)	34(2)	35(2)	-6(1)	-5(1)	-8(1)
S(22)	38(2)	30(2)	31(2)	9(1)	4(1)	8(1)
S(23)	33(2)	34(2)	29(2)	-7(1)	8(1)	-5(1)
S(24)	34(2)	32(2)	29(2)	8(1)	10(1)	-8(1)
S(25)	32(2)	33(2)	30(2)	5(1)	-8(1)	10(1)
S(26)	29(2)	36(2)	33(2)	8(1)	-3(1)	7(1)
S(27)	34(2)	31(2)	33(2)	9(1)	7(1)	6(1)
S(28)	29(2)	35(2)	35(2)	-8(1)	-6(1)	6(1)
S(29)	30(2)	30(2)	34(2)	-6(1)	-4(1)	7(1)
S(30)	33(2)	29(2)	30(2)	-7(1)	-3(1)	4(1)
S(31)	32(2)	29(2)	35(2)	7(1)	6(1)	8(1)
S(32)	31(2)	31(2)	36(2)	4(1)	-5(1)	10(1)