S4 Table: Collision Cross section (CCS) parameters

	Theoretical CCS (Å^2)*			Calculated
	IMPACT	**EM∩IM**	**Charge State**	**$^{TW}CCS_{N2\rightarrow He2}$ (Å^2)**
Tetramer	-	6790	21+	6690
			22+	6610
			23+	6460
			24+	6340
GlmM - Dimer	6890	5550	18+	4750
			19+	5220
			20+	5310
			21+	5420
GlmM - Monomer	3820	-	13+	3210
			14+	3350
DacA - Dimer	2870	3200	12+	2890
			13+	3080
DacA-Monomer	1620	-	8+	1810
			9+	1970

*IMPACT values refer to crystal structure data. EM∩IM values are based on SAXS structural models.