

**Table 3. Luminescence data and related parameters for  $1^{6+}$  in deaerated acetonitrile solution**

$T$ , K	$\tau_0$ , ns	$\tau$ , ns	$k_{\text{et}}$ , $\text{s}^{-1}$	$\Phi_{\text{et}}$
284	1030	890 (870)	$1.5 \times 10^5$ ( $1.8 \times 10^5$ )	0.14 (0.15)
288	990	850 (830)	$1.7 \times 10^5$ ( $2.0 \times 10^5$ )	0.14 (0.16)
293	900	780 (760)	$1.7 \times 10^5$ ( $2.1 \times 10^5$ )	0.14 (0.16)
299	820	710 (680)	$1.9 \times 10^5$ ( $2.4 \times 10^5$ )	0.13 (0.17)
303	770	650 (620)	$2.5 \times 10^5$ ( $3.1 \times 10^5$ )	0.16 (0.19)

The values of  $\tau_0$  correspond to the model compound  $3^{2+}$ . The corresponding data for  $2^{6+}$  are reported in parentheses.