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Erratum

Erratum to 'Four thallium(I) uranates(VI), their preparation, structure and properties' [J. Nucl. Mater. 344 (2005) 73–78]

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Due to an error in conversion from $Å^2$ to nm^2 the values of Debye–Waller factor in column four of Table 2 need to be decreased by an order of magnitude. The corrected Table 2 is given below.

Table 2
Structural parameters from EXAFS curve fitting of thallium(I) uranates(VI) and (in parentheses) their calculated bond distances from their vibrational spectra

Compound	Shell (U–X) and coord. number	U–X distance, nm[a]	Debye–Waller factor ($2\sigma^2$), nm^2	R
Tl_2UO_4	U–O, 2	0.190 (0.187)	0.00005	32.74
	U–O, 4	0.221 (0.219)	0.00008	
	U–U, 4	0.416	0.00019	
$Tl_2U_2O_7$	U–O, 2	0.187 (0.184–0.189)	0.00006	35.25
	U–O, 4	0.225 (0.218–0.221)	0.00016	
	U–U, 1	0.379	0.00008	
$Tl_2U_3O_{10}$	U–O, 2	0.181 (0.180–0.183)	0.00019	29.89
	U–O, 4	0.214 (0.222–0.223)	0.00022	
	U–O, 2	0.316	0.00021	
	U–O, 6	0.388	0.00036	
	U–O, 12	0.477	0.00023	
Tl_4UO_5	U–O, 4	0.202 (0.201)	0.00048	39.18
	U–O, 2	0.221 (0.222)	0.00012	
	U–Tl, 4	0.431	0.00033	
	U–Tl, 8	0.457	0.00026	

[a] U–O distances determined from the U–O asymmetric stretching frequencies in their IR spectra are given in parentheses.

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