

The logo for LOMS (Luminescence, optics and magneto-optics software) consists of the letters "LOMS" in white, bold, sans-serif font, centered within a solid blue square.

Luminescence, optics and magneto-optics software

Online tool for data fitting, simulation and evaluation

GRAPHICAL USER INTERFACE EXAMPLES

Reference: $80\text{TeO}_2-20\text{ZnO} - 20\text{BaO:Erx}$

Prompt: *Transition analysis*

Export report 

☐ Transitions summary

Transition		Wavelength (nm)	S(ED)	S(MD)	A(ED)	A(MD)	Beta	Lifetime (ms)	
4I13/2	-	4I15/2	1547.7	3.49e-20	1.62e-42	388	78.3	1.00	2.14
4I11/2	-	4I15/2	990.8	1.09e-20	0.00	550	0.00	0.867	1.58
4I11/2	-	4I13/2	2753.3	2.91e-20	1.79e-42	66.5	17.7	0.133	11.9
4I9/2	-	4I15/2	812.8	2.84e-21	0.00	316	0.00	0.626	1.98
4I9/2	-	4I13/2	1711.7	1.60e-20	0.00	184	0.00	0.364	5.30
4I9/2	-	4I11/2	4524.9	4.06e-21	9.03e-43	2.50	2.42	0.00973	204
4F9/2	-	4I15/2	661.0	1.83e-20	0.00	3.90e+3	0.00	0.895	0.229
4F9/2	-	4I13/2	1153.8	4.67e-21	0.00	177	0.00	0.0407	2.18
4F9/2	-	4I11/2	1986.1	3.39e-20	4.30e-43	249	13.7	0.0602	3.55
4F9/2	-	4I9/2	3539.8	1.05e-20	1.01e-42	13.5	5.67	0.00440	52.1