

²⁵⁹Lr α decay [1971Es01,1992Ha22](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli	NDS 114, 1041 (2013)	1-Nov-2011

Parent: ²⁵⁹Lr: E=0.0; J π =(1/2⁻); T_{1/2}=6.2 s 3; Q(α)=8584 SY; % α decay=78 2

²⁵⁵Md Levels

E(level)	J π [†]	Comments
0	(7/2 ⁻)	
12 SY	(1/2 ⁻)	E(level): from Q(α)=8584 71 (systematics, 2011AuZZ) and measured E α .

[†] From Adopted Levels.

α radiations

E α	E(level)	I α [‡]	HF [†]	Comments
8439 10	12	≤100	≥1.1	E α : from 1992Ha22 .

[†] r₀(²⁵⁵Md)=1.480 15.

[‡] For absolute intensity per 100 decays, multiply by 0.78 2.