

^{263}Db α decay [1992Kr01](#)

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

Parent: ^{263}Db : $E=0.0$; $T_{1/2}=27\text{ s} +10-7$; $Q(\alpha)=8834\text{ SY}$; $\% \alpha\text{ decay}=43\text{ I4}$

[Additional information 1.](#)

Other: [1992Go28](#).

 ^{259}Lr Levels

E(level)	Comments
0.0+x	E(level): X=350 150 from $Q(\alpha)=8834\text{ I52}$ (systematics, 2011AuZZ) and $E\alpha$.

 α radiations

$E\alpha$	E(level)	$I\alpha^{\ddagger}$	HF †	Comments
8355 27	0.0+x	≈ 100	≈ 50	$E\alpha$: from 1992Kr01 . The HF is unusually high for a favored α transition (expected HF ≈ 2).

$^{\dagger} r_0(^{259}\text{Lr})=1.470\text{ 20}$.

‡ For absolute intensity per 100 decays, multiply by 0.43 I4.