

^{72}Br IT decay [1982Ga06](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	D. Abriola(a), A. A. Sonzogni		NDS 111,1 (2010)	1-May-2009

Parent: ^{72}Br : E=100.76 15; $J^\pi=(3^-)$; $T_{1/2}=10.6$ s 3; %IT decay=100.0

α : [Additional information 1](#).

 ^{72}Br Levels

E(level) [†]	J^π [†]	$T_{1/2}$ [†]
0.0	1^+	78.6 s 24
100.76 15	(3^-)	10.6 s 3

[†] From Adopted Levels, Gammas.

 $\gamma(^{72}\text{Br})$

I γ normalization, I(γ +ce) normalization: from Σ I(γ +ce)=100.

E_γ [†]	I_γ [‡]	$E_i(\text{level})$	J_i^π	E_f	J_f^π	Mult. [†]	α	$I_{(\gamma+ce)}$ [‡]	Comments
101.3 3	46.6 5	100.76	(3^-)	0.0	1^+	(M2)	1.145 21	100	ce(K)/(γ +ce)=0.460 5; ce(L)/(γ +ce)=0.0625 12; ce(M)/(γ +ce)=0.01008 21; ce(N)/(γ +ce)=0.000912 19

[†] From Adopted Levels, Gammas.

[‡] Absolute intensity per 100 decays.

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Decay Scheme

Intensities: $I_{(\gamma+ce)}$ per 100 parent decays
%IT=100.0

