

$^{232}\text{Th}(\text{d},\text{d}')$ 1972EI08

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	E. Browne	NDS 107, 2579 (2006)	1-Nov-2004

16-MeV deuterons, 8-keV resolution, cross sections measured at 90°, 125°, B(EL) normalized to Coul. ex. data in ^{238}U (1972EI08). Others: 1974Ch27, 1981Ka04, 1982CI01, 1982CI03.

 ^{232}Th Levels

E(level)	J^π [†]	Comments
0	0 ⁺	
48	2 ⁺	B(E2)↑=9.1 6
161	4 ⁺	
334	6 ⁺	
557	8 ⁺	
713	1 ⁻	
731	0 ⁺	
776	3 ⁻ & 2 ⁺	B(E3)↑=0.65 6 May include some 2 ⁺ excitation, doublet.
786	2 ⁺	B(E2)↑=0.20 3
885	5 ⁻	
1054		
1078		
1107	3 ⁻	B(E3)↑=0.45 5
1149		Probably same as the (4 ⁺) 1148.3-keV level in Adopted Levels.
1181		E(level): Probably same as the 3- 1182.5-keV level in Adopted Levels.
1208	(5 ⁻)	
1294		
1329		
1419		
1485		
1562		
1618		
1692		
1738		
1791		

[†] From 1972EI08, based on $\sigma(\theta)$ and cross section syst.