Adopted Levels

History			
Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 111,1807 (2010)	15-Jun-2010

Q(β^-)=5.8×10^3 *syst*; S(n)=4.9×10^3 *syst*; S(p)=9.2×10^3 *syst*; Q(α)=−1.8×10^3 *syst* 2012Wa38
Note: Current evaluation has used the following Q record 6070 SY4730 SY9090 syst-1820 syst 2003Au03,2009AuZZ.
ΔQ(β)=520, ΔS(n)=640, ΔS(p)=780, ΔQ(α)=780 (2003Au03, 2009AuZZ).
Production: mass separation of products from 20-MeV proton induced fission of ^{238}U (1999As03).

^{168}Tb Levels

E(level)	J$^\pi$	T$_{1/2}$	Comments
0.0	(4$^-$)	8.2 s *13*	%β^-=100 T$_{1/2}$: from Dy Kα x ray(t) (1999As03). Other data: 9 s *4* from 173γ(t), 8 s *4* from 75γ(t), 6 s *4* from 227γ(t) (1999As03). J$^\pi$: probable configuration is (π 3/2[411])+(ν 5/2[512]) based on 3/2[411] ground states in nearby odd-A Tb isotopes, 5/2[512] ground states in nearby odd-A, N=103 isotones and the Gallagher-Moszkowski rule.