

Adopted Levels

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

$Q(\beta^-) = -4.9 \times 10^3$ syst; $S(n) = 7.99 \times 10^3$ 4; $S(p) = 4.55 \times 10^3$ 6; $Q(\alpha) = 6716$ 11 [2012Wa38](#)
Note: Current evaluation has used the following Q record -5030 SY7990 30 4550 50 6716 10 [2003Au03](#).
²³²Pu activity was produced by: ²³³U(³He,4n), E α =30-48 MeV, plutonium was chemically separated and alpha-particle correlations of daughter nuclei were measured in equilibrium with ²³²Pu ([2000La25](#)). ²³³U(α ,5n), E α =35-55 MeV ([1973Ja06](#)).
²³⁵U(α ,7n), E α =110 MeV ([1952Or03](#)).

²³²Pu Levels

E(level)	J π	T _{1/2}	Comments
0	0 ⁺	33.8 min 7	% ϵ =90 syst; % α =10 syst T _{1/2} : Weighted average of 33.1 min 8 (2000La25), 34.1 min 7 (1973Ja06), and 36 min 2 (1952Or03). % α : Calculated value (1997Mo25). Experimental values: % α ≤20 (1973Ja06), % α ≥1.6 (1952Or03).