

Adopted Levels

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli		NDS 111,1093 (2010)	3-Mar-2009

$Q(\beta^-)=13317$  I2;  $S(n)=3854$  I2;  $S(p)=1.61\times 10^4$  syst;  $Q(\alpha)=-1.37\times 10^4$  syst [2012Wa38](#)

Note: Current evaluation has used the following Q record 1.33E+4 SY3652 SY1.57E+4 syst-1.43e+4syst

[2009AuZZ,2003Au03](#).

[Additional information 1](#).

[1997Be12](#):  $^{66}\text{Mn}$  produced by fission of  $^{238}\text{U}$  projectiles at  $E=750$  MeV/A on Pb and Be targets using a fragment separator.

[1992We04,1992WeZX,1993WeZW](#):  $^{66}\text{Mn}$  produced by fragmentation of a 500 MeV/u  $^{86}\text{Kr}$  beam on a Be target and an on-line mass separator. Measured production cross section.

 $^{66}\text{Mn}$  Levels

E(level)	$T_{1/2}$	Comments
0.0	65 ms 2	$\% \beta^- = 100$ $T_{1/2}$ : Weighted average of 64 ms 2 ( <a href="#">2003So21</a> ), 66 ms 4 ( <a href="#">1999Ha05</a> ), 62 ms 14 ( <a href="#">1999Le67,1999So20</a> ), 90 ms 20 ( <a href="#">1998Am04</a> ). Measured production cross section= $3.1\times 10^{-6}$ mb 25 ( <a href="#">1992We04</a> ).