Adopted Levels: not observed

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	T. W. Burrows	NDS 109,171 (2008)	30-Oct-2007

Q(β^-)=−1.86×10^4 *syst*; S(n)=1.99×10^4 *syst*; S(p)=−1.2×10^3 *syst*; Q(α)=−7.8×10^3 *syst* 2012Wa38
Note: Current evaluation has used the following Q record −18690 SY19590 syst-1060 syst-7330 syst 2003Au03.
Q(β^-): Estimated uncertainty=370 keV.
S(n): Estimated uncertainty=590 keV.
S(p): Estimated uncertainty=300 keV.
Q(α): Estimated uncertainty=360 keV.
1992Bo37, 1993BoZO: Ni(^{58}Ni,X) E=69 MeV/A. GANIL/LISE3. Measured p′s and $T_{1/2}$(p). Si detector telescope; tof, energy loss in Si detector telescope. No evidence for ^{45}Mn.
2003Au02 suggest J^π=(7/2$^-$) from systematics and $T_{1/2}$<70 ns from lack of production of ^{45}Mn in Ni(^{58}Ni,X) for ^{45}Mn g.s.

^{45}Mn Levels

E(level)
(0.0)