Adopted Levels

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	T. W. Burrows	NDS 108,923 (2007)	20-Feb-2007

Q(β^-)=1.51×10^4 *syst*; S(n)=4.4×10^3 *syst*; S(p)=1.74×10^4 *syst*; Q(α)=−1.72×10^4 *syst* 2012Wa38
Note: Current evaluation has used the following Q record 15390 syst 3880 syst 18500 syst 2003Au03.
Q(β^-): Estimated uncertainty=600 keV.
S(n): Estimated uncertainty=930 keV.
S(p): Estimated uncertainty=920 keV.
Q(β^-n)=11.13 MeV *60* (syst).
Q(2β^-)=25.18 MeV *60* (syst).
1993So06: ^{64}Ni(^{48}Ca,X) E=60 MeV/u. Mass separation. Measured β^-n coincidences and delayed-neutron emission probability (doubly-achromatic spectrometer; polyethylene-moderated ^{3}He pc′s).
2004Gr20,2003Gr22: Be(^{48}Ca,X) E=60 MeV/nucleon. 530 μm-thick Be target; selection by LISE3 spectrometer. Particle identification by ΔE-tof technique. Residual energy measured in double-sided Si-strip implantation detector (DSSD). Measured β^-′s (two plastic scintillators on either side of the DSDD).
Other: 1988GuZV.

^{47}Cl Levels

E(level)	$T_{1/2}$	Comments
0.0	101 ms *6*	%β^-=100; %β^-n>0<3 (1993So06) $T_{1/2}$: from 2004Gr20.