Adopted Levels

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jun Chen	NDS 179, 1 (2022)	30-Nov-2021

16670 syst 2880 syst 23710 syst −19350 syst 2021Wa16.

$\Delta Q(\beta^-)$=710, $\Delta S(n)$=640, $\Delta S(p)$=780, $\Delta Q(\alpha)$=710 (syst,2021Wa16).

S(2n)=4390 *640*, $Q(\beta^-n)$=13900 *540* (syst,2021Wa16).

1990Le03: ^{64}Ni(^{48}Ca,X): E=44 MeV/nucleon ^{48}Ca beam at GANIL. Measured fragment spectra with the magnetic spectrometer LISE, time-of-flight, ΔE-E method. Deduced evidence for ^{48}S.

Theoretical calculations: 2019Sa58, 2018Yo06, 2015Wu07, 2014Eb02, 2014Wa03, 2014Wa42, 2012Ch48, 2012Ho19, 2011Ka03, 2006In01, 2004In01, 2003In03, 2003Ob06, 2003St22, 2002Mi14, 1999La18, 1998La02, 1997Pa38, 1996Hi12.

^{48}S Levels

E(level)	Comments
0.0?	$\%\beta^-$=? $T_{1/2}$: >200 ns, estimated from time of flight in 1990Le03. Other: 10 ms (2021Ko27, syst). Theoretical $T_{1/2}$=13.9 ms (2019Mo01), 21.0 ms (2016Ma12). Theoretical $\%\beta^-n$=77, $\%\beta^-2n$=8 (2019Mo01). Theoretical $\%\beta^-n$=32, $\%\beta^-2n$=3.8, $\%\beta^-3n$=6.4 (2016Ma12).