

Adopted Levels

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia		NDS 112,1875 (2011)	30-Nov-2010

$S(n)=1.81\times 10^4$ syst; $S(p)=1.2\times 10^3$ syst; $Q(\alpha)=-9.1\times 10^3$ syst [2012Wa38](#)

Note: Current evaluation has used the following Q record 18116 syst 1228 syst-8464 syst [2011AuZZ](#).

$\Delta S(n)=718$ (syst), $\Delta S(p)=446$ (syst), $DSA=567$ (syst) ([2011AuZZ](#)).

$S(n)=16500$ 400(syst), $S(p)=700$ 300(syst), $Q(\alpha)=-8700$ 300(syst) [2003Au03](#).

[1986La17](#) reports stability of ^{27}S against one- or two-proton emission.

 ^{27}S Levels

E(level)	J^π	$T_{1/2}$	Comments
0.0	(5/2 ⁺)	15.5 ms 15	$\% \epsilon + \% \beta^+ = 100$; $\% \beta^+ 2p = 1.1$ 5; $\% \beta^+ p = 2.3$ 9 $T_{1/2}$: From 2001Ca60 , time vs. particle emission. Other: 21(4) ms (1991Bo32). J^π : from 1991Bo32 . $\% \beta^+ 2p$ and $\% \beta^+ p$ from 2001Ca60 . Other: $\% \beta^+ 2p = 2.0(10)$ (1991Bo32).