

$^{36}\text{Al}$        $Z = 13$        $N = 23$       adopted link      ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE      =      274.447 ( 0.150) MeV

Qbeta- =      18.387 ( 0.166) MeV

	Energy T	J+	J-	J-other	T1/2
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$^{36}\text{Al}$ 1				0.000	1 90 MS 40

S-p      =      16.978 ( 0.308)-----

S-n      =      1.897 ( 0.150)-----

S-2p     =      40.308 ( 0.618)-----

S-2n     =      7.195 ( 0.150)-----

S-alpha=    15.115 ( 0.154)-----

S+p      =     -19.811 ( 0.188)

S+n      =     -4.212 ( 0.234)

S+2p     =     -35.150 ( 0.166)

S+2n     =     -5.613 ( 0.213)

S+alpha   =     -16.514 ( 0.171)

gap p     =     -2.833 ( 0.361)

gap n     =     -2.315 ( 0.278)

gap 2p    =      5.158 ( 0.640)

gap 2n    =      1.581 ( 0.260)

gap alpha =     -1.400 ( 0.230)