

^{42}Al $Z = 13$ $N = 29$ adopted link ENSDF link

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

BE = 286.818 (-0.504) MeV

Qbeta- = 25.184 (0.583) MeV

	Energy T	J+	J-	J-other	T1/2
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42AL	1			0.000	1 170 NS GT

S-p = 23.393 (-0.704)-----

S-n = 0.638 (-0.650)-----

S-2p = 0.000 (-0.000)-----

S-2n = 2.938 (-0.577)-----

S-alpha= 22.314 (-0.881)-----

S+p = -24.975 (-0.635)

S+n = -1.798 (-0.785)

S+2p = -45.470 (-0.641)

S+2n = 0.000 (-0.000)

S+alpha = -21.606 (-0.714)

gap p = -1.582 (0.949)

gap n = -1.160 (1.019)

gap 2p = 0.000 (0.000)

gap 2n = 0.000 (0.000)

gap alpha = 0.708 (1.134)