

^{45}P $Z = 15$ $N = 30$ adopted link ENSDF link

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

BE = 335.520 (-0.495) MeV

Qbeta- = 19.277 (0.587) MeV

	Energy T	J+	J-	J-other	T1/2
-----	-----	-----	-----	-----	-----
^{45}P	1			0.000	1 200 NS GT

S-p = 20.656 (-0.692)-----

S-n = 3.232 (-0.634)-----

S-2p = 46.904 (-0.779)-----

S-2n = 5.237 (-0.579)-----

S-alpha= 21.044 (-0.643)-----

S+p = -22.590 (-0.645)

S+n = -1.200 (-0.708)

S+2p = -40.104 (-0.529)

S+2n = -3.303 (-0.786)

S+alpha = -17.649 (-0.631)

gap p = -1.934 (0.946)

gap n = 2.032 (0.950)

gap 2p = 6.800 (0.942)

gap 2n = 1.934 (0.977)

gap alpha = 3.395 (0.901)