

^{43}P $Z = 15$ $N = 28$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 330.652 (0.555) MeV

Qbeta- = 16.875 (0.555) MeV

	Energy T	J+	J-	J-other	T1/2
43P	1 0.000	1/2+			1 36.5 MS 15
43P	2 0.184	3/2+			2
43P	3			0.845 (5/2+)	3
43P	4			1.009 (5/2+)	4
43P	5			1.095 (5/2+)	5
43P	6			1.774 (5/2+)	6
43P	7			2.035 (5/2+)	7

S-p = 0.000 (0.000)-----
 S-n = 4.401 (0.638)-----
 S-2p = 0.000 (0.000)-----
 S-2n = 6.483 (0.568)-----
 S-alpha= 0.000 (0.000)-----

S+p = -21.173 (0.555)
 S+n = 0.000 (0.000)
 S+2p = -37.520 (0.571)
 S+2n = 0.000 (0.000)
 S+alpha = 0.000 (0.000)

gap p = 0.000 (0.000)
 gap n = 0.000 (0.000)
 gap 2p = 0.000 (0.000)
 gap 2n = 0.000 (0.000)
 gap alpha = 0.000 (0.000)