

$^{27}\text{P}$        $Z = 15$        $N = 12$       [link to full NNDC output](#)

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

BE = 206.913 ( 0.026) MeV

Qbeta+ = 11.662 ( 0.026) MeV

	Energy T	J+	J-	J-other	T1/2
-----					
27P	1   0.000	1/2+			1 260 MS 80
S-p	= 0.870 ( 0.026)	-----			
27P	2		1.120	(3/2+)	2
27P	3		1.625		3
27P	4		3.453		4
S-alpha=	9.895 ( 0.026)	-----			
S-2p	= 6.384 ( 0.026)	-----			
27P	5		12.752		5
S-p	= 0.870 ( 0.026)	-----			
S-n	= 0.000 ( 0.000)	-----			
S-2p	= 6.384 ( 0.026)	-----			
S-2n	= 0.000 ( 0.000)	-----			
S-alpha=	9.895 ( 0.026)	-----			
S+p	= -2.493 ( 0.162)				
S+n	= -14.497 ( 0.026)				
S+2p	= -0.693 ( 0.191)				
S+2n	= -32.373 ( 0.026)				
S+alpha	= -8.737 ( 0.027)				
gap p	= -1.623 ( 0.164)				
gap n	= 0.000 ( 0.000)				
gap 2p	= 5.691 ( 0.192)				
gap 2n	= 0.000 ( 0.000)				
gap alpha	= 1.158 ( 0.037)				