

$^{127}\text{Pr}$        $Z = 59$        $N = 68$       adopted link      ENSDF link

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

BE = 1043.432 (-0.254) MeV

Qbeta+ = 7.446 ( 0.256) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-1.705 (-0.354)				
127PR	1			0.000	1 4.2 S 3
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S-p	= 1.001 (-0.256)				
S-n	= 12.248 (-0.358)				
S-2p	= 5.352 (-0.255)				
S-2n	= 22.557 (-0.356)				
S-alpha=	-1.705 (-0.354)				
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S+p	= -3.224 (-0.361)				
S+n	= -9.869 (-0.256)				
S+2p	= -3.274 (-0.362)				
S+2n	= -21.383 (-0.256)				
S+alpha	= 2.375 (-0.365)				
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gap p	= -2.223 ( 0.442)				
gap n	= 2.379 ( 0.440)				
gap 2p	= 2.078 ( 0.443)				
gap 2n	= 1.174 ( 0.439)				
gap alpha	= 0.670 ( 0.508)				