

$^{127}\text{Nd}$        $Z = 60$        $N = 67$       adopted link      ENSDF link

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

BE      =    1034.034 (-0.254) MeV

Qbeta+ =      8.616 ( 0.359) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-2.001 (-0.354)				
127ND	1			0.000	1 1.8 S 4
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S-p	= 2.850 (-0.358)				
S-n	= 10.662 (-0.358)				
S-2p	= 3.784 (-0.356)				
S-2n	= 24.034 (-0.453)				
S-alpha=	-2.001 (-0.354)				
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S+p	= 0.434 (-0.361)				
S+n	= -12.622 (-0.361)				
S+2p	= -0.933 (-0.575)				
S+2n	= -22.605 (-0.362)				
S+alpha	= 3.195 (-0.468)				
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gap p	= 3.284 ( 0.508)				
gap n	= -1.960 ( 0.508)				
gap 2p	= 2.851 ( 0.677)				
gap 2n	= 1.429 ( 0.580)				
gap alpha	= 1.194 ( 0.587)				