

$^{47}\text{Mn}$        $Z = 25$        $N = 22$       adopted link      ENSDF link

Based on ensdf\_240402 (Apr 2024), and mass evaluation from 2020

BE = 382.360 ( 0.032) MeV

Qbeta+ = 11.997 ( 0.032) MeV

	Energy T	J+	J-	J-other	T1/2
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47MN 1			0.000 (5/2-)		1 100 MS 50
S-p	= 0.384 ( 0.034)	-----			
S-2p	= 5.258 ( 0.032)	-----			
47MN 2			6.870 (7/2-)		2
S-p	= 0.384 ( 0.034)	-----			
S-n	= 18.220 ( 0.092)	-----			
S-2p	= 5.258 ( 0.032)	-----			
S-2n	= 33.745 ( 0.317)	-----			
S-alpha	= 7.075 ( 0.053)	-----			
S+p	= -2.731 ( 0.098)				
S+n	= -14.802 ( 0.032)				
S+2p	= -1.800 ( 0.491)				
S+2n	= -31.196 ( 0.032)				
S+alpha	= -7.201 ( 0.058)				
gap p	= -2.347 ( 0.103)				
gap n	= 3.418 ( 0.098)				
gap 2p	= 3.458 ( 0.492)				
gap 2n	= 2.548 ( 0.318)				
gap alpha	= -0.126 ( 0.079)				