

$^{66}\text{Mn}$        $Z = 25$        $N = 41$       adopted link      ENSDF link

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

BE = 549.899 ( 0.011) MeV

Qbeta- = 13.317 ( 0.012) MeV

	Energy T	J+	J-	J-other	T1/2
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66MN	1			0.000	1 65 MS 2

S-p = 15.729 ( 0.195) -----  
S-n = 3.854 ( 0.012) -----  
S-2p = 35.019 ( 0.384) -----  
S-2n = 9.904 ( 0.012) -----  
S-alpha= 13.962 ( 0.265) -----

S+p = -16.247 ( 0.012)  
S+n = -4.928 ( 0.201)  
S+2p = -29.470 ( 0.012)  
S+2n = -8.313 ( 0.272)  
S+alpha = -12.199 ( 0.016)

gap p = -0.518 ( 0.196)  
gap n = -1.074 ( 0.202)  
gap 2p = 5.549 ( 0.384)  
gap 2n = 1.591 ( 0.272)  
gap alpha = 1.763 ( 0.265)