

$^{65}\text{Mn}$        $Z = 25$        $N = 40$       adopted link      ENSDF link

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

BE = 546.044 ( 0.004) MeV

Qbeta- = 10.251 ( 0.006) MeV

	Energy T	J+	J-	J-other	T1/2
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65MN 1				0.000 (5/2-)	1 92 MS 1

S-p = 14.616 ( 0.300)-----

S-n = 6.050 ( 0.005)-----

S-2p = 33.805 ( 0.340)-----

S-2n = 10.223 ( 0.005)-----

S-alpha= 13.215 ( 0.235)-----

S+p = -16.389 ( 0.006)

S+n = -3.854 ( 0.012)

S+2p = -28.932 ( 0.007)

S+2n = -8.783 ( 0.201)

S+alpha = -11.843 ( 0.086)

gap p = -1.773 ( 0.300)

gap n = 2.195 ( 0.013)

gap 2p = 4.873 ( 0.340)

gap 2n = 1.440 ( 0.201)

gap alpha = 1.372 ( 0.250)