

$^{87}\text{Se}$        $Z = 34$        $N = 53$       adopted link      ENSDF link

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

BE = 742.031 ( 0.002) MeV

Qbeta- = 7.466 ( 0.004) MeV

	Energy T	J+	J-	J-other	T1/2
87SE	1			0.000 (3/2+)	1 5.50 S 14
87SE	2			0.092 (5/2+)	2
87SE	3			0.836 (7/2+)	3
87SE	4			0.978 (9/2+)	4

S-p = 14.753 ( 0.004)-----  
 S-n = 3.994 ( 0.003)-----  
 S-2p = 27.881 ( 0.004)-----  
 S-2n = 10.155 ( 0.003)-----  
 S-alpha= 7.875 ( 0.003)-----

S+p = -11.579 ( 0.004)  
 S+n = -5.529 ( 0.004)  
 S+2p = -24.688 ( 0.003)  
 S+2n = -8.709 ( 0.004)  
 S+alpha = -6.973 ( 0.003)

gap p = 3.174 ( 0.006)  
 gap n = -1.535 ( 0.005)  
 gap 2p = 3.193 ( 0.005)  
 gap 2n = 1.446 ( 0.006)  
 gap alpha = 0.902 ( 0.005)