

$^{135}\text{Cs}$        $Z = 55$        $N = 80$       adopted link      ENSDF link

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

BE = 1134.181 ( 0.000) MeV

Qbeta- = 0.269 ( 0.000) MeV

	Energy T	J+	J-	J-other	T1/2
135CS 1	0.000	7/2+			1 2.3E+6 Y 3
135CS 2	0.250	5/2+			2 0.28 NS 8
135CS 3				0.408	3
135CS 4	0.608	5/2+			4
135CS 5	0.787	11/2+			5
135CS 6				0.981	6
135CS 7				1.062	7
135CS 8				1.133	8
135CS 9				1.192	9
135CS 10				1.358	10
135CS 11			1.633	19/2-	11 53 M 2

S-p = 6.745 ( 0.000)-----  
 S-n = 8.762 ( 0.000)-----  
 S-2p = 16.302 ( 0.006)-----  
 S-2n = 15.654 ( 0.000)-----  
 S-alpha= 2.564 ( 0.001)-----

S+p = -8.594 ( 0.000)  
 S+n = -6.828 ( 0.002)  
 S+2p = -14.137 ( 0.002)  
 S+2n = -15.106 ( 0.000)  
 S+alpha = -2.065 ( 0.001)

gap p = -1.849 ( 0.001)  
 gap n = 1.934 ( 0.002)  
 gap 2p = 2.166 ( 0.006)  
 gap 2n = 0.547 ( 0.001)  
 gap alpha = 0.499 ( 0.001)