

$^{85}\text{Se}$        $Z = 34$        $N = 51$       adopted link      ENSDF link

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

BE = 731.876 ( 0.003) MeV

Qbeta- = 6.162 ( 0.004) MeV

	Energy T	J+	J-	J-other	T1/2
85SE 1				0.000 (5/2)+	1 32.9 S 3
85SE 2	0.462	1/2+			2
85SE 3				1.115 (7/2)+	3
85SE 4				1.437 (9/2+)	4
85SE 5				1.444 (3/2+,5/2+)	5
85SE 6				1.610 (1/2,3/2,5/2+)	6
85SE 7				1.635	7
85SE 8				1.805	8
85SE 9				1.976 (11/2+)	9
85SE 10				1.990	10
85SE 11				2.003 (1/2,3/2,5/2+)	11
85SE 12				2.138	12
85SE 13				2.146	13
85SE 14				2.320 (11/2+)	14
85SE 15				2.373 (13/2+)	15
85SE 16				2.451	16
85SE 17				2.781	17
85SE 18				3.058	18
85SE 19				3.810 (15/2+)	19
85SE 20				3.954	20
85SE 21				4.126	21
85SE 22				4.219	22
85SE 23				4.254 (17/2+)	23
85SE 24				4.283	24
85SE 25				4.291	25
85SE 26				4.369	26
85SE 27				4.498	27
S-n =	4.537 ( 0.003)				
85SE 28				4.557	28
85SE 29				4.560	29
85SE 30				4.636	30
85SE 31				4.654	31
85SE 32				4.667	32
85SE 33				4.709	33
85SE 34				4.792	34
85SE 35				5.165	35

```
S-p    = 13.849 ( 0.004)-----  
S-n    =  4.537 ( 0.003)-----  
S-2p   = 26.015 ( 0.004)-----  
S-2n   = 13.216 ( 0.004)-----  
S-alpha=  8.547 ( 0.003)-----  
  
S+p    = -10.508 ( 0.004)  
S+n    =  -6.161 ( 0.004)  
S+2p   = -22.874 ( 0.003)  
S+2n   = -10.155 ( 0.003)  
S+alpha =  -6.547 ( 0.003)  
  
gap p   =  3.341 ( 0.006)  
gap n   = -1.624 ( 0.005)  
gap 2p  =  3.141 ( 0.004)  
gap 2n  =  3.061 ( 0.005)  
gap alpha =  2.000 ( 0.005)
```