

$^{117}\text{La}$        $Z = 57$        $N = 60$       adopted link      ENSDF link

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

BE = 946.062 (-0.234) MeV

Qbeta+ = 11.146 ( 0.343) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-3.028	(-0.234)			
S-p =	-0.730	(-0.330)			
117LA	1			0.000 (3/2+,3/2-)	1 23.5 MS 26
117LA	2			0.151 (9/2+)	2 10 MS 5

S-p = -0.730 (-0.330)-----  
 S-n = 14.350 (-0.419)-----  
 S-2p = 1.222 (-0.261)-----  
 S-2n = 0.000 (-0.000)-----  
 S-alpha= -3.028 (-0.234)-----

S+p = 0.000 (-0.000)  
 S+n = -11.390 (-0.424)  
 S+2p = 0.000 (-0.000)  
 S+2n = -24.859 (-0.427)  
 S+alpha = 2.365 (-0.538)

gap p = 0.000 ( 0.000)  
 gap n = 2.960 ( 0.597)  
 gap 2p = 0.000 ( 0.000)  
 gap 2n = 0.000 ( 0.000)  
 gap alpha = -0.663 ( 0.586)