

$^{115}\text{Ba}$        $Z = 56$        $N = 59$       adopted link      ENSDF link

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

BE = 933.340 (-0.230) MeV

Qbeta+ = 10.718 ( 0.257) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-3.158 (-0.255)				
115BA 1				0.000 (5/2+)	1 0.45 S 5

S-p = 1.553 (-0.245)

S-n = 11.116 (-0.252)

S-2p = 1.324 (-0.230)

S-2n = 25.385 (-0.410)

S-alpha= -3.158 (-0.255)

S+p = 1.628 (-0.417)

S+n = -13.452 (-0.327)

S+2p = 0.000 (-0.000)

S+2n = -24.651 (-0.340)

S+alpha = 2.734 (-0.529)

gap p = 3.181 ( 0.484)

gap n = -2.336 ( 0.413)

gap 2p = 0.000 ( 0.000)

gap 2n = 0.734 ( 0.532)

gap alpha = -0.424 ( 0.587)