

$^{111}\text{Xe}$        $Z = 54$        $N = 57$       adopted link      ENSDF link

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

BE      =      908.202 (-0.111) MeV

Qbeta+ =      10.421 ( 0.111) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-3.700 (-0.154)				
111XE	1			0.000	1 0.74 S 20

S-p      =      1.354 (-0.127)-----

S-n      =      10.681 (-0.150)-----

S-2p    =      1.395 (-0.111)-----

S-2n    =      24.506 (-0.320)-----

S-alpha= -3.700 (-0.154)-----

S+p      =      0.778 (-0.158)

S+n      =     -13.565 (-0.111)

S+2p    =      0.247 (-0.357)

S+2n    =     -23.814 (-0.111)

S+alpha =      3.158 (-0.255)

gap p    =      2.132 ( 0.203)

gap n    =     -2.884 ( 0.187)

gap 2p   =      1.642 ( 0.374)

gap 2n   =      0.692 ( 0.339)

gap alpha =     -0.542 ( 0.298)