

$^{158}\text{Lu}$        $Z = 71$        $N = 87$       adopted link      ENSDF link

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

BE      =    1266.934 ( 0.015) MeV

Qbeta+ =      8.797 ( 0.017) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-4.790 ( 0.021)				
158LU 1			0.000	(2)-	1 10.6 S 3

S-p      =    1.081 ( 0.019)-----

S-n      =    8.844 ( 0.019)-----

S-2p     =    4.956 ( 0.021)-----

S-2n     =  19.655 ( 0.056)-----

S-alpha= -4.790 ( 0.021)-----

S+p      =  -2.930 ( 0.023)

S+n      = -10.568 ( 0.041)

S+2p     =  -3.190 ( 0.056)

S+2n     = -19.201 ( 0.059)

S+alpha  =    5.006 ( 0.065)

gap p     =  -1.848 ( 0.029)

gap n     =  -1.724 ( 0.045)

gap 2p    =    1.766 ( 0.060)

gap 2n    =    0.455 ( 0.081)

gap alpha =    0.216 ( 0.068)