

$^{182}\text{Au}$        $Z = 79$        $N = 103$       adopted link      ENSDF link

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

BE = 1435.478 ( 0.019) MeV

Qbeta+ = 7.865 ( 0.023) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-5.526 ( 0.027)				
182AU 1			0.000	(2+)	1 15.5 S 4

S-p = 1.211 ( 0.023)-----

S-n = 8.504 ( 0.027)-----

S-2p = 4.904 ( 0.029)-----

S-2n = 18.821 ( 0.019)-----

S-alpha= -5.526 ( 0.027)-----

S+p = -2.790 ( 0.020)

S+n = -9.959 ( 0.021)

S+2p = -3.157 ( 0.021)

S+2n = -18.157 ( 0.029)

S+alpha = 5.996 ( 0.028)

gap p = -1.578 ( 0.031)

gap n = -1.455 ( 0.035)

gap 2p = 1.747 ( 0.036)

gap 2n = 0.663 ( 0.035)

gap alpha = 0.471 ( 0.039)