

$^{206}\text{Ra}$        $Z = 88$        $N = 118$       adopted link      ENSDF link

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

BE      =    1590.279 ( 0.018) MeV

Qbeta+ =      4.812 ( 0.033) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-7.415	( 0.025)	-----		
206RA	1   0.000	0+			1 0.24 S 2
206RA	2			0.474 (2+)	2
206RA	3			1.052 (4+)	3
206RA	4			1.763 (6+)	4
206RA	5			2.010 (8+)	5 1 NS LT

S-p      =    2.414 ( 0.020)-----

S-n      =  10.310 ( 0.029)-----

S-2p    =    3.042 ( 0.019)-----

S-2n    =  18.638 ( 0.020)-----

S-alpha= -7.415 ( 0.025)-----

S+p      =    0.292 ( 0.059)

S+n      =  -8.123 ( 0.061)

S+2p    =  -1.455 ( 0.037)

S+2n    = -17.980 ( 0.020)

S+alpha =    8.069 ( 0.026)

gap p    =    2.705 ( 0.062)

gap n    =    2.187 ( 0.068)

gap 2p   =    1.587 ( 0.041)

gap 2n   =    0.658 ( 0.028)

gap alpha =    0.654 ( 0.036)