

$^{215}\text{Ra}$        $Z = 88$        $N = 127$       adopted link      ENSDF link

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

BE = 1663.955 ( 0.007) MeV

Qbeta+ = 2.214 ( 0.010) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-8.863	( 0.010)	-----		
215RA	1			0.000 (9/2+)	1 1.66 MS 2
215RA	2			0.773 (15/2-)	2 67.2 NS 14
215RA	3			1.625 (17/2+)	3
215RA	4			1.821 (21/2+)	4 25.0 NS 14
215RA	5			1.878 (25/2+)	5 7.29 US 20
215RA	6			1.995 (23/2+)	6
215RA	7			2.054 (25/2+)	7
215RA	8			2.214 (27/2-)	8
215RA	9			2.247 (29/2-)	9 1.39 US 7

S-p = 3.798 ( 0.011)-----

S-n = 5.632 ( 0.009)-----

S-2p = 6.350 ( 0.008)-----

S-2n = 13.956 ( 0.012)-----

S-alpha= -8.863 ( 0.010)-----

S+p = -1.671 ( 0.012)

S+n = -7.312 ( 0.011)

S+2p = -4.904 ( 0.013)

S+2n = -12.785 ( 0.010)

S+alpha = 9.506 ( 0.057)

gap p = 2.127 ( 0.016)

gap n = -1.680 ( 0.014)

gap 2p = 1.446 ( 0.015)

gap 2n = 1.171 ( 0.016)

gap alpha = 0.643 ( 0.058)