

$^{204}\text{Ra}$        $Z = 88$        $N = 116$       adopted link      ENSDF link

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

BE      =    1571.641 ( 0.009) MeV

Qbeta+ =      5.454 ( 0.026) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-7.637 ( 0.011)				
204RA	1   0.000	0+			1    57 MS +11-5

S-p      =    2.104 ( 0.011)-----

S-n      =  10.612 ( 0.013)-----

S-2p     =    2.242 ( 0.020)-----

S-2n     =  19.156 ( 0.017)-----

S-alpha= -7.637 ( 0.011)-----

S+p      =    0.757 ( 0.060)

S+n      =  -8.329 ( 0.024)

S+2p     =    0.000 ( 0.000)

S+2n     = -18.638 ( 0.020)

S+alpha  =    8.202 ( 0.033)

gap p     =    2.861 ( 0.061)

gap n     =    2.283 ( 0.028)

gap 2p    =    0.000 ( 0.000)

gap 2n    =    0.518 ( 0.027)

gap alpha =    0.565 ( 0.035)