

$^{198}\text{Rn}$        $Z = 86$        $N = 112$       adopted link      ENSDF link

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

BE = 1532.069 ( 0.013) MeV

Qbeta+ = 5.478 ( 0.014) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-7.349 ( 0.019)				
198RN 1	0.000	0+			1 65 MS 3
198RN 2				0.339 (2+)	2
198RN 3				0.749 (4+)	3
198RN 4				1.231 (6+)	4
198RN 5				1.780 (8+)	5
S-p	= 2.164 ( 0.016)				
S-2p	= 2.339 ( 0.014)				
198RN 6				2.384 (10+)	6
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S-p	= 2.164 ( 0.016)				
S-n	= 10.812 ( 0.021)				
S-2p	= 2.339 ( 0.014)				
S-2n	= 19.348 ( 0.019)				
S-alpha=	-7.349 ( 0.019)				
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S+p	= 0.713 ( 0.019)				
S+n	= -8.401 ( 0.015)				
S+2p	= 0.000 ( 0.000)				
S+2n	= -18.913 ( 0.015)				
S+alpha	= 7.880 ( 0.020)				
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gap p	= 2.877 ( 0.025)				
gap n	= 2.411 ( 0.026)				
gap 2p	= 0.000 ( 0.000)				
gap 2n	= 0.435 ( 0.024)				
gap alpha	= 0.531 ( 0.027)				