

$^{168}\text{Re}$        $Z = 75$        $N = 93$       adopted link      ENSDF link

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

BE = 1333.100 ( 0.031) MeV

Qbeta+ = 9.098 ( 0.034) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-5.063 ( 0.042)				
168RE 1				0.000 (7+)	1 4.4 S 1
168RE 2				0.090	2
168RE 3				0.162 (8+)	3
168RE 4				0.226	4
168RE 5				0.349 (3)	5

S-p = 0.991 ( 0.036)-----

S-n = 8.957 ( 0.031)-----

S-2p = 4.275 ( 0.042)-----

S-2n = 20.100 ( 0.093)-----

S-alpha= -5.063 ( 0.042)-----

S+p = -2.217 ( 0.040)

S+n = -10.686 ( 0.033)

S+2p = -1.910 ( 0.173)

S+2n = -19.252 ( 0.033)

S+alpha = 5.990 ( 0.045)

gap p = -1.227 ( 0.054)

gap n = -1.729 ( 0.045)

gap 2p = 2.365 ( 0.178)

gap 2n = 0.848 ( 0.099)

gap alpha = 0.927 ( 0.061)