

$^{18}\text{Na}$        $Z = 11$        $N = 7$       adopted link    ENSDF link

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

BE      =      111.640 ( 0.094) MeV

Qbeta+ =      19.720 ( 0.094) MeV

	Energy T	J+	J-	J-other	T1/2
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S-p	= -1.249 ( 0.094)				
18NA	1			0.000 (1)-	1 0.2 MEV LT
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S-2p	= 0.215 ( 0.094)				
18NA	2	0.300	2-		2 5 KEV 3
18NA	3	0.590	0-		3 300 KEV 100
18NA	4	0.780	1-		4 900 KEV 100
18NA	5	0.830	3-		5 42 KEV 10

S-p      = -1.249 ( 0.094)-----

S-n      = 17.753 ( 0.111)-----

S-2p     = 0.215 ( 0.094)-----

S-2n     = 0.000 ( 0.000)-----

S-alpha= 9.351 ( 0.102)-----

S+p      = -0.489 ( 0.111)

S+n      = -20.180 ( 0.094)

S+2p     = 0.000 ( 0.000)

S+2n     = -34.330 ( 0.094)

S+alpha = -9.268 ( 0.407)

gap p    = -1.737 ( 0.146)

gap n    = -2.427 ( 0.146)

gap 2p   = 0.000 ( 0.000)

gap 2n   = 0.000 ( 0.000)

gap alpha = 0.083 ( 0.420)