

$^{162}\text{Os}$        $Z = 76$        $N = 86$       adopted link      ENSDF link

Based on ensdf\_240402 (Apr 2024), and mass evaluation from 2020

BE      =    1262.628 (-0.324) MeV

Qbeta+ =      7.966 ( 0.362) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-6.758	(-0.453)			
S-2p =	-0.218	(-0.357)			
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1620S	1   0.000	0+			1    2.06 MS 9
1620S	2   0.707	(2+)			2
S-p =	0.979	(-0.357)			
1620S	3   1.406	(4+)			3
1620S	4   1.991	(6+)			4
1620S	5   2.190	(8+)			5

S-p      =    0.979 (-0.357) -----  
S-n      =  12.463 (-0.457) -----  
S-2p     = -0.218 (-0.357) -----  
S-2n     =    0.000 (-0.000) -----  
S-alpha= -6.758 (-0.453) -----

S+p      =    1.986 (-0.460)  
S+n      = -9.913 (-0.460)  
S+2p     =    0.000 (-0.000)  
S+2n     = -22.034 (-0.357)  
S+alpha =    7.246 (-0.464)

gap p    =    2.965 ( 0.582)  
gap n    =    2.550 ( 0.648)  
gap 2p   =    0.000 ( 0.000)  
gap 2n   =    0.000 ( 0.000)  
gap alpha =  0.488 ( 0.648)