

$^{173}\text{Os}$        $Z = 76$        $N = 97$       adopted link      ENSDF link

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

BE = 1374.318 ( 0.015) MeV

Qbeta+ = 6.116 ( 0.032) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-5.055 ( 0.021)				
1730S	1		0.000	5/2-	1 22.4 S 9
1730S	2		0.092	7/2-	2
1730S	3			0.141 (9/2+)	3 28 NS GT

S-p = 3.160 ( 0.039)-----  
 S-n = 8.266 ( 0.020)-----  
 S-2p = 4.930 ( 0.032)-----  
 S-2n = 19.284 ( 0.024)-----  
 S-alpha= -5.055 ( 0.021)-----

S+p = -0.637 ( 0.019)  
 S+n = -10.629 ( 0.018)  
 S+2p = -2.848 ( 0.024)  
 S+2n = -18.810 ( 0.019)  
 S+alpha = 5.643 ( 0.021)

gap p = 2.524 ( 0.043)  
 gap n = -2.363 ( 0.027)  
 gap 2p = 2.082 ( 0.040)  
 gap 2n = 0.474 ( 0.030)  
 gap alpha = 0.588 ( 0.030)