

$^{183}\text{Hf}$        $Z = 72$        $N = 111$       adopted link      ENSDF link

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

BE = 1464.006 ( 0.030) MeV

Qbeta- = 2.010 ( 0.030) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-0.944	( 0.182)	-----		
183HF	1			0.000 (3/2-)	1 1.018 H 2
183HF	2			0.069 (5/2-)	2
183HF	3			0.168 (7/2-)	3
183HF	4			0.206 (5/2-)	4
183HF	5			0.317 (7/2-)	5
183HF	6			1.125 (5/2+)	6
183HF	7			1.256 (7/2+)	7
183HF	8			1.464	8
183HF	9			1.605 (LE9/2)	9

S-p = 8.734 ( 0.184)-----

S-n = 5.305 ( 0.031)-----

S-2p = 16.730 ( 0.363)-----

S-2n = 12.023 ( 0.030)-----

S-alpha= -0.944 ( 0.182)-----

S+p = -6.845 ( 0.040)

S+n = -6.287 ( 0.050)

S+2p = -14.682 ( 0.030)

S+2n = -11.179 ( 0.071)

S+alpha = 0.954 ( 0.030)

gap p = 1.889 ( 0.189)

gap n = -0.982 ( 0.058)

gap 2p = 2.047 ( 0.364)

gap 2n = 0.844 ( 0.077)

gap alpha = 0.010 ( 0.184)