^{139}Dy $\qquad$ $Z = 66$ $\qquad$ $N = 73$ $\qquad$ adopted link $\quad$ ENSDF link

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

```
BE     =   1107.969 (-0.556) MeV
Qbeta+ =     10.477 ( 0.622) MeV
```

	Energy T	J+	J-	J-other	T1/2

```
-------------------------------------------------------------------------------------------
S-alpha= -4.107 (-0.688)-------------------------------------------------------------------
139DY   1 |               |             |   0.000    (7/2+)          1  0.6 S     2
```

```
S-p    =   1.347 (-0.621)-----------------------------------------------------------------
S-n    =  10.869 (-0.783)-----------------------------------------------------------------
S-2p   =   1.009 (-0.620)-----------------------------------------------------------------
S-2n   =   0.000 (-0.000)-----------------------------------------------------------------
S-alpha=  -4.107 (-0.688)-----------------------------------------------------------------
```

```
S+p      =    1.129 (-0.789)
S+n      =  -13.151 (-0.697)
S+2p     =    0.000 (-0.000)
S+2n     =  -23.838 (-0.623)
S+alpha  =    4.134 (-0.702)
```

```
gap p      =    2.476 ( 1.004)
gap n      =   -2.282 ( 1.049)
gap 2p     =    0.000 ( 0.000)
gap 2n     =    0.000 ( 0.000)
gap alpha  =    0.027 ( 0.983)
```

1