^{140}Eu $\qquad Z = 63 \qquad N = 77 \qquad$ adopted link $\quad$ ENSDF link

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

```
BE     =   1147.683 ( 0.052) MeV
Qbeta+ =      8.470 ( 0.053) MeV
```

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

```
------------------------------------------------------------------------------------------------
S-alpha= -1.759 ( 0.086)------------------------------------------------------------------------
140EU  1 |  0.000    1+   |                |                          1  1.51 S    2
140EU  2 |  0.175    2+   |                |                          2
140EU  3 |  0.185    3+   |                |                          3
140EU  4 |                |                |  0.191                   4


S-p     =   1.895 ( 0.053)--------------------------------------------------------------------
S-n     =   9.659 ( 0.053)--------------------------------------------------------------------
S-2p    =   6.650 ( 0.053)--------------------------------------------------------------------
S-2n    =  21.379 ( 0.059)--------------------------------------------------------------------
S-alpha=  -1.759 ( 0.086)--------------------------------------------------------------------

S+p       =  -3.527 ( 0.055)
S+n       = -11.011 ( 0.053)
S+2p      =  -4.151 ( 0.702)
S+2n      = -20.466 ( 0.060)
S+alpha   =   2.193 ( 0.059)

gap p     =  -1.632 ( 0.076)
gap n     =  -1.352 ( 0.075)
gap 2p    =   2.498 ( 0.704)
gap 2n    =   0.913 ( 0.084)
gap alpha =   0.434 ( 0.104)
```