

$^{146}\text{Xe}$        $Z = 54$        $N = 92$       adopted link      ENSDF link

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

BE = 1184.121 ( 0.024) MeV

Qbeta- = 7.355 ( 0.024) MeV

|       | Energy T  | J+    | J-    | J-other | T1/2       |
|-------|-----------|-------|-------|---------|------------|
| ----- | -----     | ----- | ----- | -----   | -----      |
| 146XE | 1   0.000 | 0+    |       |         | 1 146 MS 6 |

S-p = 14.116 ( 0.436) -----  
 S-n = 4.533 ( 0.027) -----  
 S-2p = 26.361 ( 0.289) -----  
 S-2n = 7.225 ( 0.025) -----  
 S-alpha= 3.779 ( 0.569) -----

S+p = -11.254 ( 0.026)  
 S+n = -2.463 ( 0.149)  
 S+2p = -24.168 ( 0.024)  
 S+2n = -6.835 ( 0.297)  
 S+alpha = -4.360 ( 0.025)

gap p = 2.861 ( 0.436)  
 gap n = 2.069 ( 0.151)  
 gap 2p = 2.193 ( 0.290)  
 gap 2n = 0.390 ( 0.298)  
 gap alpha = -0.581 ( 0.569)