

$^{115}\text{Ru}$        $Z = 44$        $N = 71$       adopted link      ENSDF link

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

BE = 959.884 ( 0.025) MeV

Qbeta- = 8.124 ( 0.026) MeV

|         | Energy T | J+ | J- | J-other      | T1/2        |
|---------|----------|----|----|--------------|-------------|
| 115RU 1 |          |    |    | 0.000 (3/2+) | 1 318 MS 19 |
| 115RU 2 |          |    |    | 0.062 (5/2+) | 2           |

S-p = 14.794 ( 0.434)-----  
 S-n = 3.956 ( 0.025)-----  
 S-2p = 28.086 ( 0.340)-----  
 S-2n = 10.380 ( 0.046)-----  
 S-alpha= 8.591 ( 0.028)-----

S+p = -11.919 ( 0.078)  
 S+n = -6.035 ( 0.025)  
 S+2p = -24.896 ( 0.026)  
 S+2n = -9.527 ( 0.434)  
 S+alpha = -7.727 ( 0.026)

gap p = 2.875 ( 0.441)  
 gap n = -2.079 ( 0.036)  
 gap 2p = 3.189 ( 0.341)  
 gap 2n = 0.853 ( 0.436)  
 gap alpha = 0.864 ( 0.039)