

$^{111}\text{Mo}$        $Z = 42$        $N = 69$       adopted link      ENSDF link

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

BE = 922.997 ( 0.013) MeV

Qbeta- = 9.085 ( 0.016) MeV

|         | Energy T | J+    | J-    | J-other           | T1/2       |
|---------|----------|-------|-------|-------------------|------------|
| -----   | -----    | ----- | ----- | -----             | -----      |
| 111Mo 1 |          |       |       | 0.000 (1/2+,3/2+) | 1 186 MS 9 |

S-p = 14.919 ( 0.838)-----

S-n = 3.475 ( 0.027)-----

S-2p = 28.761 ( 0.545)-----

S-2n = 9.423 ( 0.017)-----

S-alpha= 8.314 ( 0.321)-----

S+p = -12.608 ( 0.014)

S+n = -5.594 ( 0.224)

S+2p = -26.506 ( 0.040)

S+2n = -8.800 ( 0.339)

S+alpha = -8.591 ( 0.028)

gap p = 2.311 ( 0.839)

gap n = -2.119 ( 0.226)

gap 2p = 2.256 ( 0.547)

gap 2n = 0.623 ( 0.340)

gap alpha = -0.277 ( 0.322)