

^{133}In $Z = 49$ $N = 84$ adopted link ENSDF link

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

BE = 1092.861 (-0.266) MeV

Qbeta- = 13.163 (0.266) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|---------|----------|----|----|--------------|-------------|
| 133IN 1 | | | | 0.000 (9/2+) | 1 165 MS 3 |
| 133IN 2 | | | | 0.330 (1/2-) | 2 180 MS 15 |

S-p = 14.534 (-0.273)-----
 S-n = 3.370 (-0.273)-----
 S-2p = 31.499 (-0.588)-----
 S-2n = 5.829 (-0.266)-----
 S-alpha= 8.313 (-0.470)-----

S+p = -16.012 (-0.266)
 S+n = -2.321 (-0.298)
 S+2p = -26.557 (-0.266)
 S+2n = -5.499 (-0.379)
 S+alpha = -4.775 (-0.271)

gap p = -1.478 (0.381)
 gap n = 1.049 (0.404)
 gap 2p = 4.941 (0.645)
 gap 2n = 0.330 (0.463)
 gap alpha = 3.539 (0.542)