

^{124}Pr $Z = 59$ $N = 65$ adopted link ENSDF link

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

BE = 1007.872 (-0.372) MeV

Qbeta+ = 11.742 (0.447) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|-----------|----------|----------|----------|---------|-----------|
| ----- | | | | | |
| S-alpha= | -1.904 | (-0.443) | | | |
| 124PR | 1 | | | 0.000 | 1 1.2 S 2 |
| ----- | | | | | |
| S-p | = | 0.133 | (-0.446) | | |
| S-n | = | 11.080 | (-0.524) | | |
| S-2p | = | 3.202 | (-0.445) | | |
| S-2n | = | 24.552 | (-0.614) | | |
| S-alpha= | -1.904 | (-0.443) | | | |
| ----- | | | | | |
| S+p | = | -2.128 | (-0.528) | | |
| S+n | = | -13.003 | (-0.448) | | |
| S+2p | = | -1.136 | (-0.626) | | |
| S+2n | = | -23.312 | (-0.449) | | |
| S+alpha | = | 2.568 | (-0.452) | | |
| ----- | | | | | |
| gap p | = | -1.995 | (0.691) | | |
| gap n | = | -1.923 | (0.690) | | |
| gap 2p | = | 2.066 | (0.768) | | |
| gap 2n | = | 1.240 | (0.761) | | |
| gap alpha | = | 0.664 | (0.632) | | |