

^{254}Lr $Z = 103$ $N = 151$ adopted link ENSDF link

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

BE = 1879.887 (0.091) MeV

Qbeta+ = 4.923 (0.092) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|-----------|--------------------|----|----|---------|-------------|
| ----- | | | | | |
| S-alpha= | -8.822 (0.129) | | | | |
| 254LR | 1 | | | 0.000 | 1 18.1 S 18 |
| ----- | | | | | |
| S-p | = 2.002 (0.092) | | | | |
| S-n | = 6.949 (0.188) | | | | |
| S-2p | = 5.399 (0.129) | | | | |
| S-2n | = 15.087 (0.268) | | | | |
| S-alpha= | -8.822 (0.129) | | | | |
| ----- | | | | | |
| S+p | = -2.523 (0.271) | | | | |
| S+n | = -7.770 (0.093) | | | | |
| S+2p | = -4.017 (0.272) | | | | |
| S+2n | = -14.042 (0.123) | | | | |
| S+alpha | = 9.437 (0.130) | | | | |
| ----- | | | | | |
| gap p | = -0.521 (0.286) | | | | |
| gap n | = -0.821 (0.210) | | | | |
| gap 2p | = 1.382 (0.301) | | | | |
| gap 2n | = 1.045 (0.295) | | | | |
| gap alpha | = 0.615 (0.183) | | | | |