

$^{84}\text{Kr}(^3\text{He,p})$ 1977HeYQ

| Type | Author | History | Citation | Literature Cutoff Date |
|-----------------|--------------------------------|---------|-------------------|------------------------|
| Full Evaluation | Alexandru Negret, Balraj Singh | | NDS 124, 1 (2015) | 30-Nov-2014 |

1977HeYQ: E=18.1 MeV. Enriched target. Magnetic spectrograph, FWHM=35 keV. Measured $\sigma(\theta)$.

 ^{86}Rb Levels

| <u>E(level)[†]</u> | <u>L[‡]</u> | <u>E(level)[†]</u> | <u>L[‡]</u> | <u>E(level)[†]</u> | <u>L[‡]</u> | <u>E(level)[†]</u> | <u>L[‡]</u> |
|-----------------------------|----------------------|-----------------------------|----------------------|-----------------------------|----------------------|-----------------------------|----------------------|
| 0 | 1+3 | 2466 5 | (4,3+5) | 3242 5 | (1) | 4078 5 | (1+3) |
| 487 5 | 0+2 | 2515 5 | (2+4) | 3320 | 0+2 | 4165? 5 | (2) |
| 1024 10 | (2) | 2603 5 | (2,2+4) | 3445 5 | (1,0+2) | 4221 5 | 0+2 |
| 1390 | 0 | 2675 5 | 2 | 3510 5 | (0+2) | 4266 8 | 2 |
| 1412 | 3+6 | 2732? 5 | (4) | 3553? 5 | (0+2,1+3) | 4314? 5 | (3+5) |
| 1439 | 3 | 2824? 5 | (3,2) | 3609? 6 | (2) | 4366? 9 | (2) |
| 1708 7 | (2) | 2899? 8 | 3 | 3707 5 | (2,1+3) | 4442? 6 | |
| 1921 6 | (1+3) | 2992 5 | (1+3) | 3763 7 | 2 | 4507? 10 | |
| 2090 6 | 0+2 | 3058? 9 | (3) | 3824 5 | (1,0+2) | 4548 5 | 2 |
| 2148 5 | (0+2,1+3) | 3113 5 | 0+2 | 3896 6 | (0+2) | | |
| 2173 6 | (2) | 3170? 5 | | 3979? 13 | (1+3) | | |
| 2295 5 | (0+2,1+3) | 3205 5 | 0(+2) | 4032? 15 | | | |

[†] Energies are referenced to the 3320-keV level and an overall uncertainty of 15 keV exists.

[‡] From DWBA analysis.