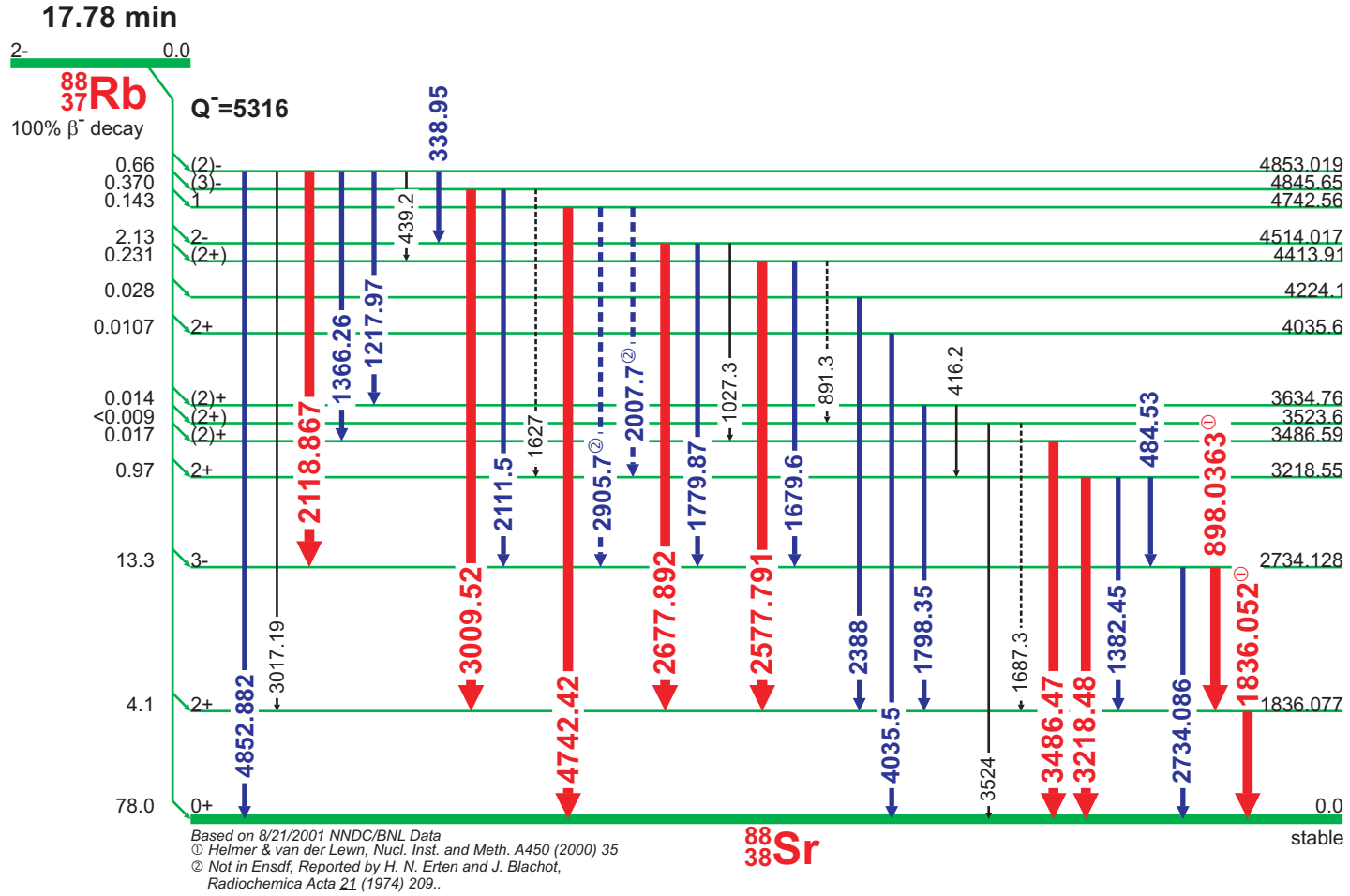


⁸⁸Rb (17.78 min.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: **⁸⁸Rb**E_γ, σE_γ, I_γ, σI_γ, Levels- from ENSDF Database as of August 21, 2001

Half Life: 17.78(11) min

| E _γ (keV) | σ E _γ | ^① I _γ | ^② σ I _γ | Level | | E _γ (keV) | σ E _γ | ^① I _γ | ^② σ I _γ | Level | |
|------------------------|------------------|-----------------------------|-------------------------------|------------------|-----------|----------------------|------------------|-----------------------------|-------------------------------|------------------|-----------|
| 338.95 | 0.07 | 0.060 | 0.006 | 4,853.019 | β- | ^④ 2,700.7 | 0.4 | 0.030 | 0.006 | 4,742.56 | β- |
| 416.2 | 0.3 | 0.003 6 | 0.001 3 | 3,634.76 | β- | 2,111.5 | 0.4 | 0.118 | 0.011 | 4,845.65 | β- |
| 439.2 | 0.3 | 0.014 3 | 0.003 4 | 4,853.019 | β- | 2,118.867 | 0.020 | 0.422 | 0.019 | 4,853.019 | β- |
| 484.53 | 0.16 | 0.028 | 0.006 | 3,218.55 | β- | 2,388 | 6 | 0.028 | 0.009 | 4,224.1 | β- |
| 891.3 | | 0.020 8 | 0.004 1 | 4,413.91 | β- | 2,577.791 | 0.028 | 0.180 | 0.009 | 4,413.91 | β- |
| ^③ 898.0363 | 0.004 | 14.04 | 0.09 | 2,734.128 | β- | 2,677.892 | 0.021 | 1.958 | 0.028 | 4,514.017 | β- |
| 1,027.3 | 0.3 | 0.011 | 0.004 | 4,514.017 | β- | 2,734.086 | 0.013 | 0.109 | 0.006 | 2,734.128 | β- |
| 1,217.97 | 0.18 | 0.051 | 0.006 | 4,853.019 | β- | ^④ 2905.7 | 0.3 | 0.010 | 0.004 | 4,742.56 | β- |
| 1,366.26 | 0.12 | 0.103 | 0.013 | 4,853.019 | β- | 3,009.52 | 0.04 | 0.244 | 0.009 | 4,845.65 | β- |
| 1,382.45 | 0.05 | 0.743 | 0.026 | 3,218.55 | β- | 3,017.19 | 0.20 | 0.004 | 0.002 | 4,853.019 | β- |
| 1,627 | | 0.008 8 | 0.001 7 | 4,845.65 | β- | 3,218.48 | 0.05 | 0.21 | 0.06 | 3,218.55 | β- |
| 1,679.6 | 0.3 | 0.045 | 0.009 | 4,413.91 | β- | 3,486.47 | 0.06 | 0.131 | 0.004 | 3,486.59 | β- |
| 1,687.3 | | 0.011 | 0.006 | 3,523.6 | β- | 3,524 | 6 | 0.006 | 0.004 | 3,523.6 | β- |
| 1,779.87 | 0.21 | 0.216 | 0.013 | 4,514.017 | β- | 4,035.5 | 0.4 | 0.011 | 0.002 | 4,035.6 | β- |
| 1,798.35 | 0.19 | 0.062 | 0.013 | 3,634.76 | β- | 4,742.42 | 0.08 | 0.143 | 0.006 | 4,742.56 | β- |
| ^③ 1,836.052 | 0.013 | 21.40 | 0.24 | 1,836.077 | β- | 4,852.882 | 0.024 | 0.009 0 | 0.001 3 | 4,853.019 | β- |

① These I_γ are per 100 Decays of ⁸⁸Rb.

② For total uncertainty add systematic component of 5.6% in quadrature, based on the normalization factor 0.0214(12)

③ From Helmer & van der Lewn, Nucl. Inst. And Meth. A450 (2000) 35.

④ Not in ENSDF, Reported by H. N. Erten and J. Blachot, Radiochemica Acta 21 (1974) 209.