





**GAMMA-RAY ENERGIES AND INTENSITIES**

Nuclide: <sup>118m</sup>Sb Half Life: 3.6(1) min.  
Detector: 35 cm<sup>3</sup> coaxial Ge (Li) Method of Production: <sup>118</sup>Sn(p,n)

|      | E <sub>γ</sub> (keV) | σ E <sub>γ</sub> | I <sub>γ</sub> (rel) | I <sub>γ</sub> (%) | σ I <sub>γ</sub> | S |
|------|----------------------|------------------|----------------------|--------------------|------------------|---|
|      | 298.58               | 0.04             |                      |                    |                  | 4 |
| Ann. | 511.006              |                  |                      | 145.5              | 0.7              | 1 |
|      | 528.73               | 0.03             |                      | 0.48               | 0.06             | 4 |
|      | 813.2                | 1.0              |                      | 0.015              | 0.008            | 4 |
|      | 827.34               | 0.07             |                      | 0.40               | 0.05             | 4 |
|      | 1098.5               | 0.5              |                      | 0.080              | 0.024            | 4 |
|      | 1172.9               | 0.5              |                      | 0.048              | 0.008            | 4 |
|      | 1229.33              | 0.03             |                      | 2.5                | 0.3              | 3 |
|      | 1267.23              | 0.05             |                      | 0.52               | 0.07             | 4 |
|      | 1447.4               | 1.0              |                      | 0.022              | 0.008            | 4 |
|      | 1699.70              | 0.10             |                      | 0.078              | 0.016            | 4 |
|      | 1758.05              | 0.05             |                      |                    |                  | 4 |
|      | 1907.20              | 0.20             |                      | 0.045              | 0.011            | 4 |
|      | 2044.0               | 2.0              |                      | 0.008              | 0.005            | 4 |
|      | 2056.64              | 0.05             |                      |                    |                  | 4 |
|      | 2327.0               | 0.8              |                      | 0.0107             | 0.0026           | 4 |
|      | 2496.56              | 0.00             |                      |                    |                  | 4 |
|      | 2677.5               | 0.6              |                      | 0.012              | 0.005            | 4 |

E<sub>γ</sub>, σE<sub>γ</sub>, I<sub>γ</sub>, σI<sub>γ</sub> - 1998 ENSDF Data

