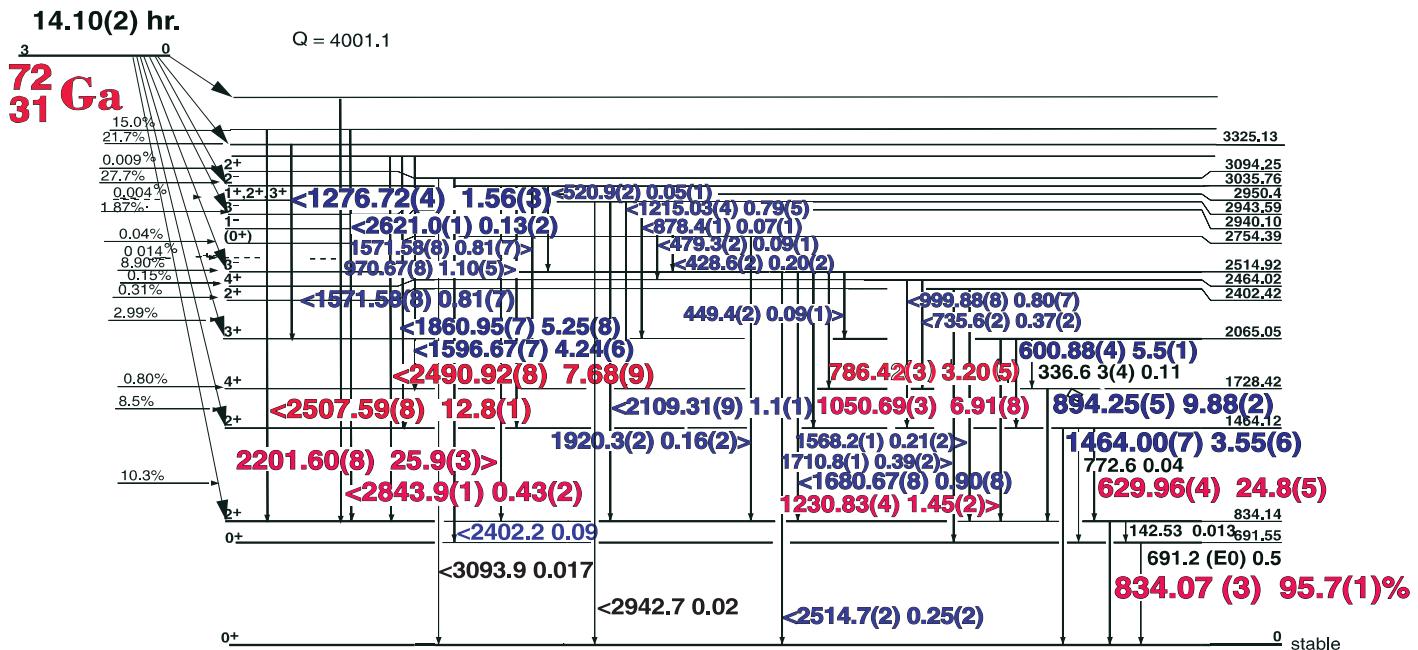
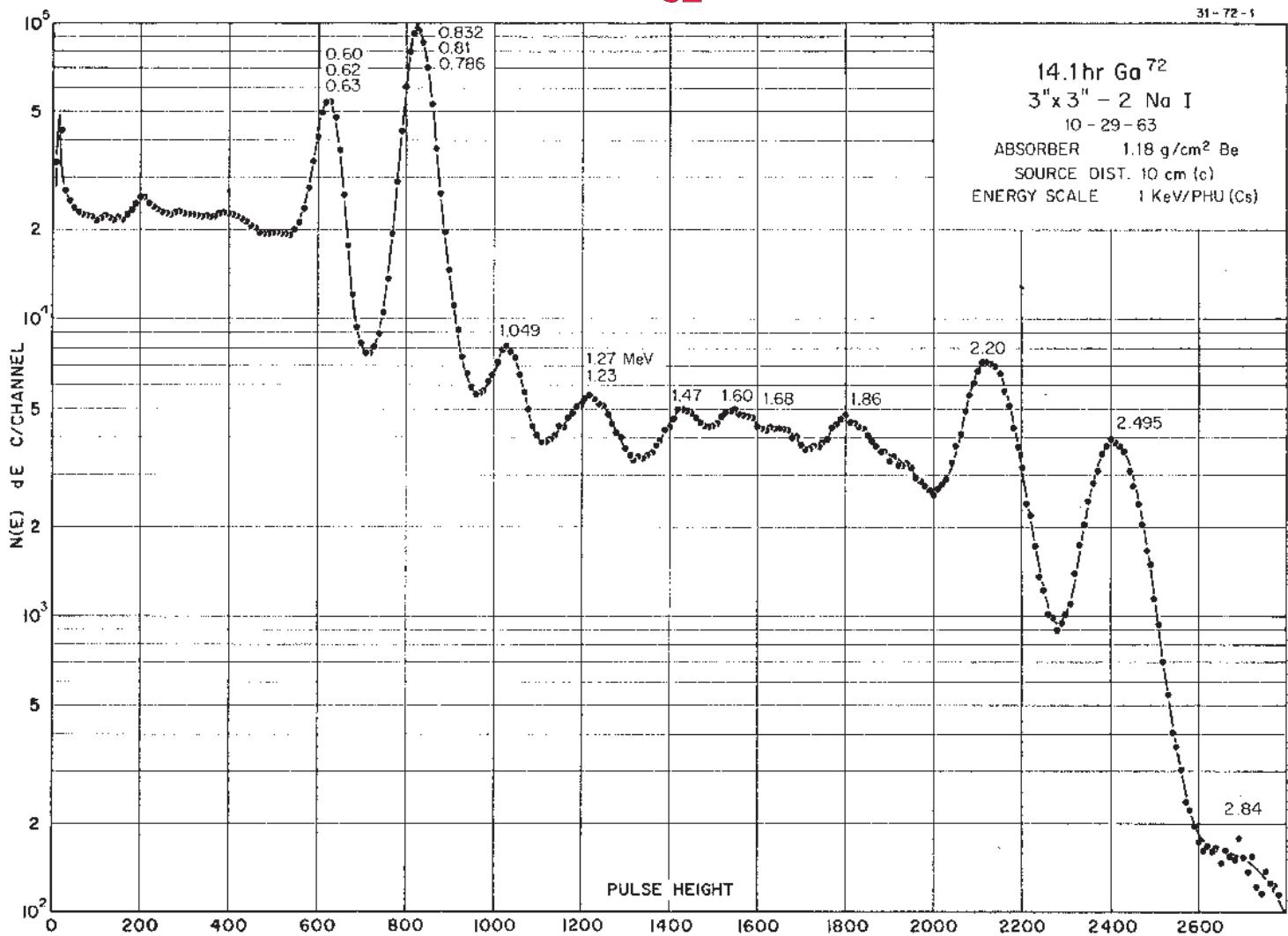


14.10(2) hr. ^{72}Ga



^{72}Ge



Decay Data

← Index →

14.10(2) hr. ^{72}Ga

32-77-1

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{72}Ga
Detector 3" X 3" NaI-2

Half Life 14.10(2) hr.
Method of Production: Ga⁷¹(n,γ)

| | E_{γ} (KeV) [S] | ΔE_{γ} | I_{γ} (rel) | $I_{\gamma}(\%)$ [E] | ΔI_{γ} | S | | E_{γ} (KeV) [S] | ΔE_{γ} | I_{γ} (rel) | $I_{\gamma}(\%)$ [E] | ΔI_{γ} | S |
|-----------|------------------------|-------------------------------|--------------------|----------------------|------------------------------|----------|------|------------------------|------------------------------|--------------------|----------------------|------------------------------|----------|
| D ann. | 113.07 | ± 0.1 | 0.62 | 0.14 | ± 0.06 | 4 | DE | 1485.65 | ± 0.065 | 1.51 | | ± 0.2 | 3 |
| | 289.2 | ± 0.15 | 0.27 | | ± 0.03 | 4 | | 1519.4 | ± 0.2 | 0.07 | 0.06 | ± 0.01 | 4 |
| | 336.63 | ± 0.04 | 0.14 | 0.11 | ± 0.03 | 4 | | 1568.23 | ± 0.1 | 0.27 | 0.21 | ± 0.02 | 4 |
| | 381.5 | ± 0.2 | 0.03 | | ± 0.01 | 4 | | 1571.58 | ± 0.08 | 0.95 | 0.81 | ± 0.07 | 3 |
| | 428.6 | ± 0.15 | 0.23 | 0.20 | ± 0.01 | 4 | | 1596.67 | ± 0.07 | 5.11 | 4.4 | ± 0.2 | 2 |
| | 449.4 | ± 0.2 | 0.10 | 0.094 | ± 0.005 | 4 | SE | 1667.31 | ± 0.09 | 0.08 | | ± 0.015 | 3 |
| | 479.3 | ± 0.2 | 0.15 | 0.091 | ± 0.005 | 4 | | 1680.67 | ± 0.08 | 1.07 | 0.90 | ± 0.08 | 3 |
| | 495.9 | ± 0.2 | 0.06 | | ± 0.02 | 4 | | 1690.47 | ± 0.08 | 2.04 | | ± 0.18 | 3 |
| | 511.006 | | 1.7 | | | 3 | | 1710.80 | ± 0.1 | 0.54 | 0.39 | ± 0.02 | 4 |
| | 520.9 | ± 0.2 | 0.07 | 0.055 | ± 0.005 | 4 | DE | 1821.98 | ± 0.1 | 0.12 | | ± 0.015 | 4 |
| | 587.6 | ± 0.2 | 0.11 | | ± 0.03 | 4 | | 1837.03 | ± 0.1 | 0.27 | 0.22 | ± 0.02 | 4 |
| | 600.88 | ± 0.04 | 5.75 | 5.5 | ± 0.1 | 3 | | 1860.95 | ± 0.07 | 6.36 | 5.25 | ± 0.35 | 2 |
| | 629.92 | ± 0.030 | 27.3 | 24.8 | ± 0.5 | 1 | | 1877.68 | ± 0.1 | 0.28 | | ± 0.03 | 4 |
| | 735.60 | ± 0.2 | 0.5 | 0.37 | ± 0.02 | 4 | SE | 1920.38 | ± 0.1 | 0.18 | | ± 0.02 | 4 |
| | 786.42 | ± 0.030 | 3.48 | 3.20 | ± 0.18 | 2 | | 1979.81 | ± 0.1 | 1.04 | | ± 0.1 | 4 |
| | 810.24 | ± 0.035 | 2.16 | 1.9 | ± 0.06 | 3 | | 1991.32 | ± 0.2 | 0.36 | | ± 0.05 | 4 |
| | 834.07 | ± 0.030 | 100 | 95.7 | ± 1.0 | 1 | | 1996.56 | ± 0.1 | 1.71 | | ± 0.15 | 3 |
| | 861.07 | ± 0.08 | 1.03 | 0.9 | ± 0.1 | 3 | | 2028.83 | ± 0.15 | 0.30 | | ± 0.06 | 4 |
| | 878.4 | ± 0.1 | 0.08 | 0.073 | ± 0.008 | 4 | SE | 2109.31 | ± 0.09 | 1.31 | 1.1 | ± 0.1 | 3 |
| | 894.24 | ± 0.030 | 10.75 | 9.88 | ± 0.02 | 1 | | 2201.60 | ± 0.08 | 31.66 | 25.9 | ± 0.3 | 1 |
| | 924.28 | ± 0.10 | 0.18 | 0.15 | ± 0.02 | 4 | | 2214.0 | ± 0.15 | 0.27 | | ± 0.03 | 4 |
| | 939.36 | ± 0.08 | 0.384 | 0.34 | ± 0.03 | 4 | | 2332.4 | ± 0.2 | 0.26 | | ± 0.04 | 4 |
| | 970.67 | ± 0.08 | 1.20 | 1.10 | ± 0.05 | 3 | | 2402.2 | ± 0.2 | 0.13 | 0.09 | ± 0.02 | 4 |
| | 999.88 | ± 0.08 | 0.89 | 0.80 | ± 0.07 | 3 | SE | 2490.92 | ± 0.08 | 9.02 | 7.68 | ± 0.09 | 1 |
| | 1031.92 | ± 0.09 | 0.08 | 0.07 | ± 0.02 | 4 | | 2507.59 | ± 0.08 | 15.63 | 12.8 | ± 0.1 | 1 |
| | 1050.688 | ± 0.035 | 7.60 | 6.91 | ± 1.0 | 1 | | 2514.70 | ± 0.12 | 0.41 | | ± 0.04 | 3 |
| | 1163.17 | ± 0.1 | 0.07 | 0.06 | ± 0.008 | 4 | | 2621.0 | ± 0.15 | 0.18 | 0.13 | ± 0.01 | 3 |
| | 1179.59 | ± 0.040 | 1.77 | | ± 0.2 | 3 | | 2632.5 | ± 0.2 | 0.04 | | ± 0.01 | 4 |
| | 1215.03 | ± 0.04 | 0.90 | 0.79 | ± 0.05 | 3 | SE | 2785.96 | ± 0.2 | 0.05 | | ± 0.015 | 4 |
| | 1230.83 | ± 0.04 | 1.60 | 1.45 | ± 0.08 | 3 | | 2843.90 | ± 0.10 | 0.53 | 0.43 | ± 0.03 | 1 |
| | 1260.03 | ± 0.04 | 1.30 | 1.1 | ± 0.10 | 3 | | 2940.1 | ± 0.25 | 0.02 | 0.02 | 0.005 | 4 |
| | 1276.72 | ± 0.04 | 1.74 | 1.56 | ± 0.1 | 3 | | 2980.80 | ± 0.20 | 0.076 | 0.06 | ± 0.01 | 3 |
| | 1390.11 | ± 0.1 | 0.11 | 0.09 | ± 0.01 | 4 | | 3034.0 | ± 1.0 | 0.04 | | ± 0.01 | 4 |
| | 1464.00 | ± 0.06 | 4.08 | 3.55 | ± 0.06 | 2 | D.E. | 3094.0 | ± 1.0 | 0.035 | 0.017 | ± 0.002 | 4 |
| | 1468.99 | ± 0.08 | 0.82 | | ± 0.1 | 3 | | | | | | | |