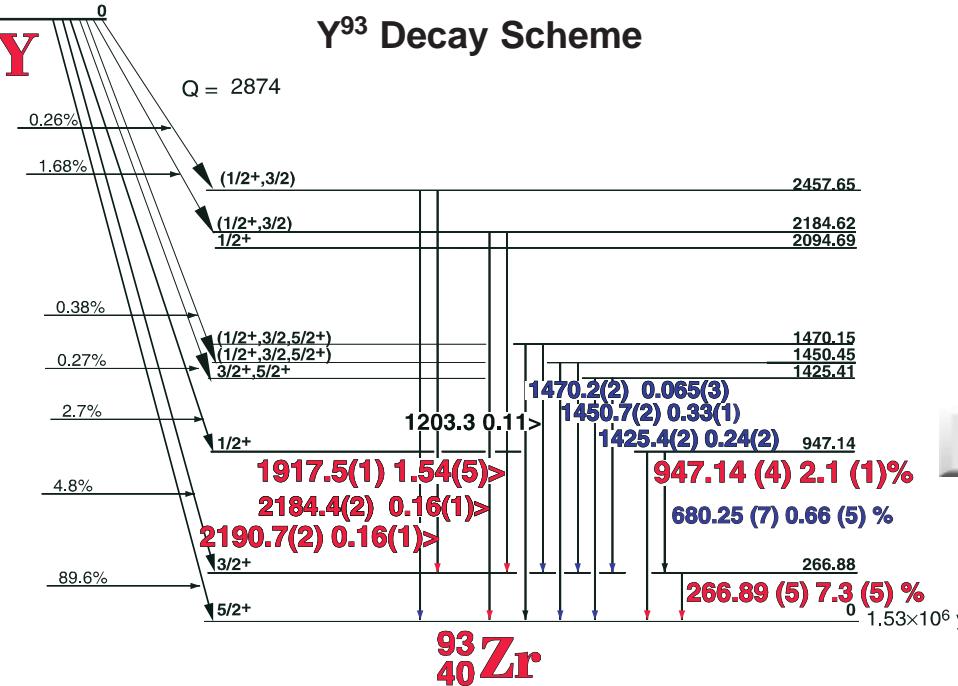


10.18 Hr. ^{93}Y

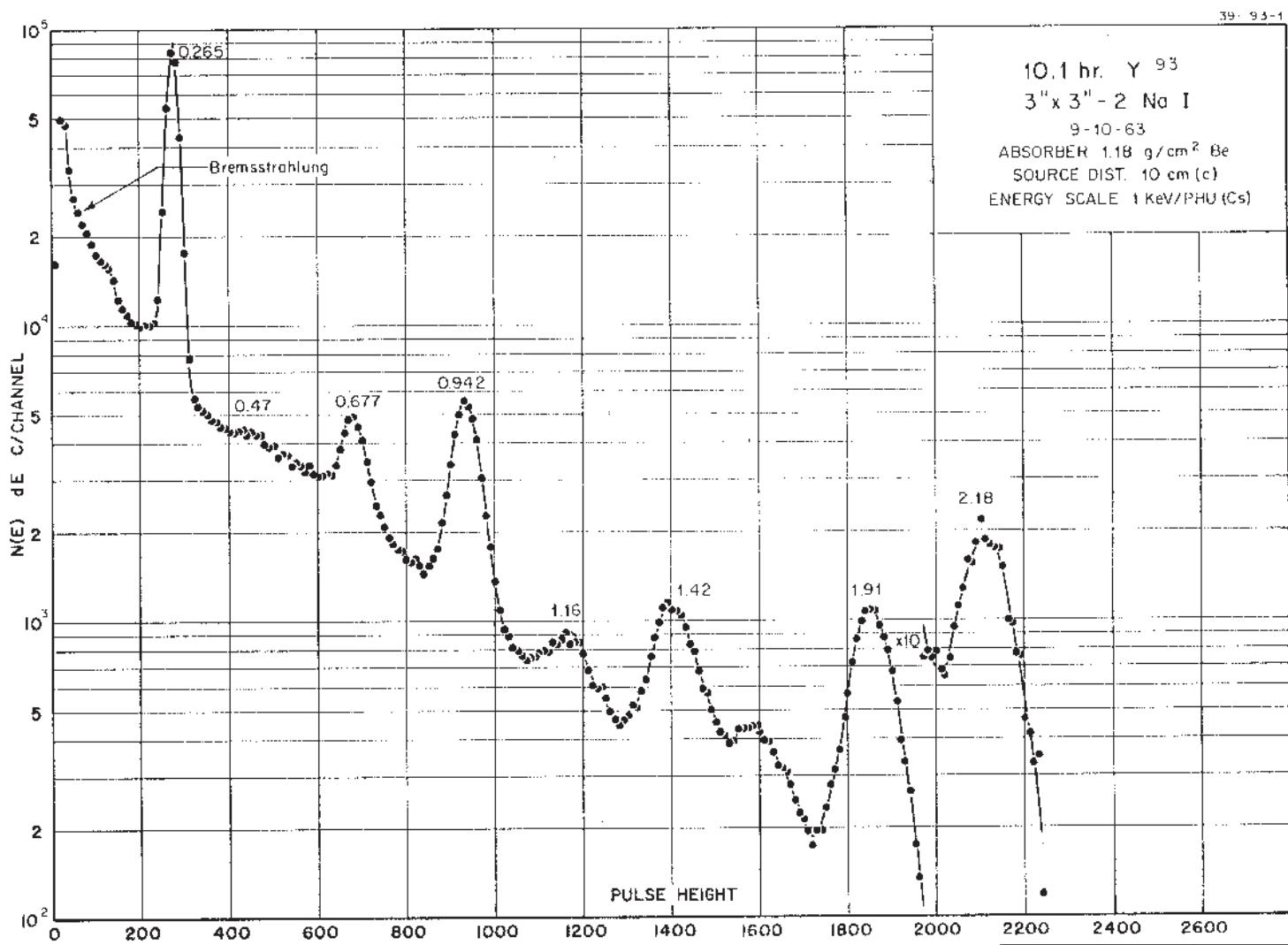
10.18(8) hr.

^{93}Y
39

γ^{93} Decay Scheme



^{93}Zr
40



10.18(8) hr. ^{93}Y

39-93-1

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{93}Y Half Life 10.18(8) hr.
Detector 3" X 3" NaI-2 Method of Production: U²³⁵(n,f)

| E_{γ} (KeV)[S] | ΔE_{γ} | I_{γ} (rel) | $I_{\gamma}(\%)$ [E] | ΔI_{γ} | S |
|-----------------------|-------------------------------|--------------------|----------------------|------------------------------|----------|
| 266.886 | ± 0.050 | 100 | 7.3 | ± 0.5 | 1 |
| 680.25 | ± 0.07 | 9.5 | 0.56 | ± 0.03 | 3 |
| 947.137 | ± 0.040 | 27.1 | 2.1 | ± 0.1 | 1 |
| 1183.9 | ± 0.2 | 0.98 | 0.048 | ± 0.01 | 4 |
| 1425.4 | ± 0.2 | 3.3 | 0.244 | ± 0.01 | 3 |
| 1450.7 | ± 0.2 | 4.6 | 0.327 | ± 0.02 | 2 |
| 1470.2 | ± 0.3 | 1.3 | 0.07 | ± 0.01 | 3 |
| 1917.51 | ± 0.10 | 21.0 | 1.54 | ± 0.08 | 1 |
| 2184.40 | ± 0.15 | 2.3 | 0.157 | ± 0.02 | 2 |
| 2190.7 | ± 0.2 | 2.5 | 0.16 | ± 0.01 | 2 |