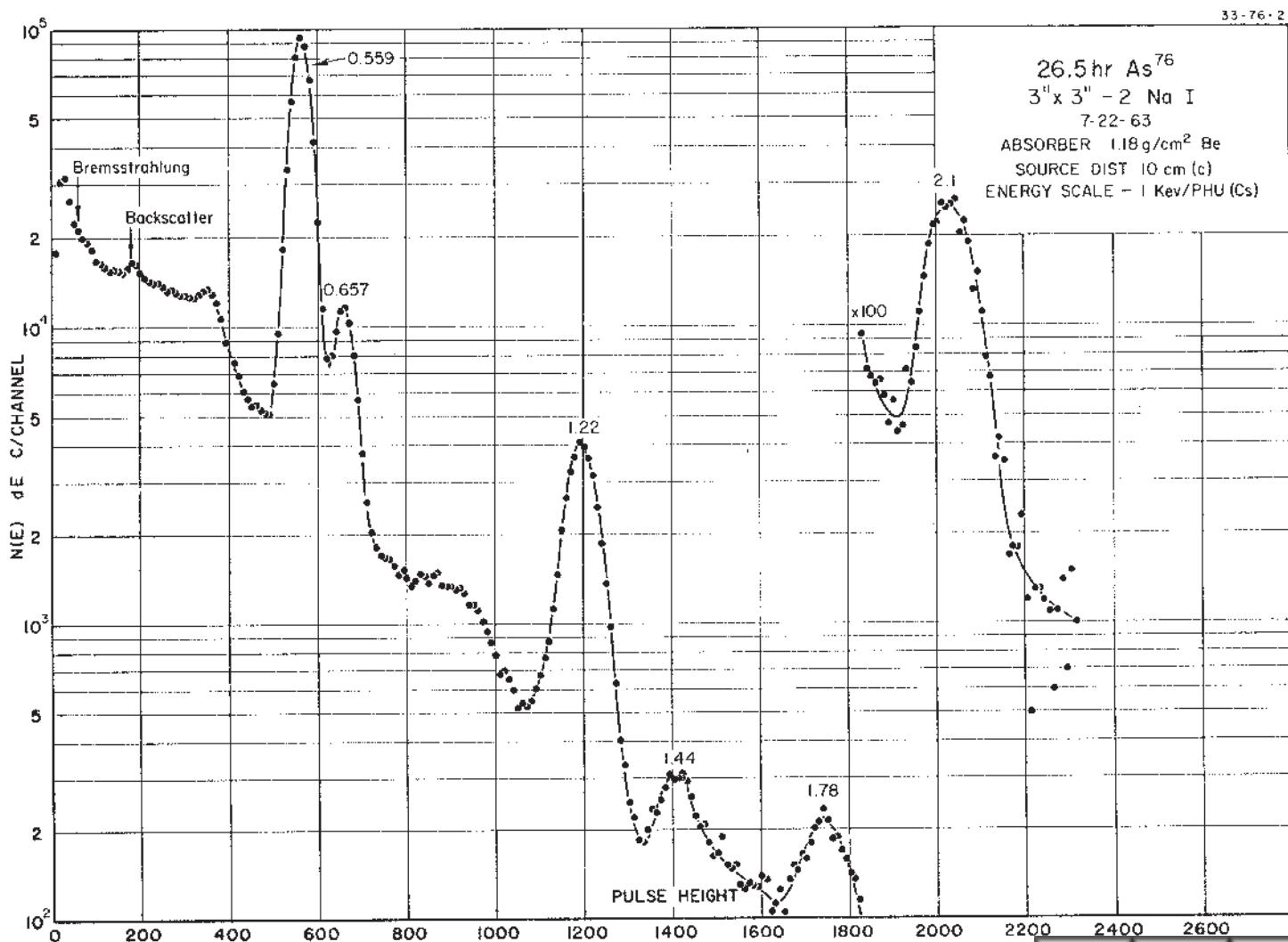
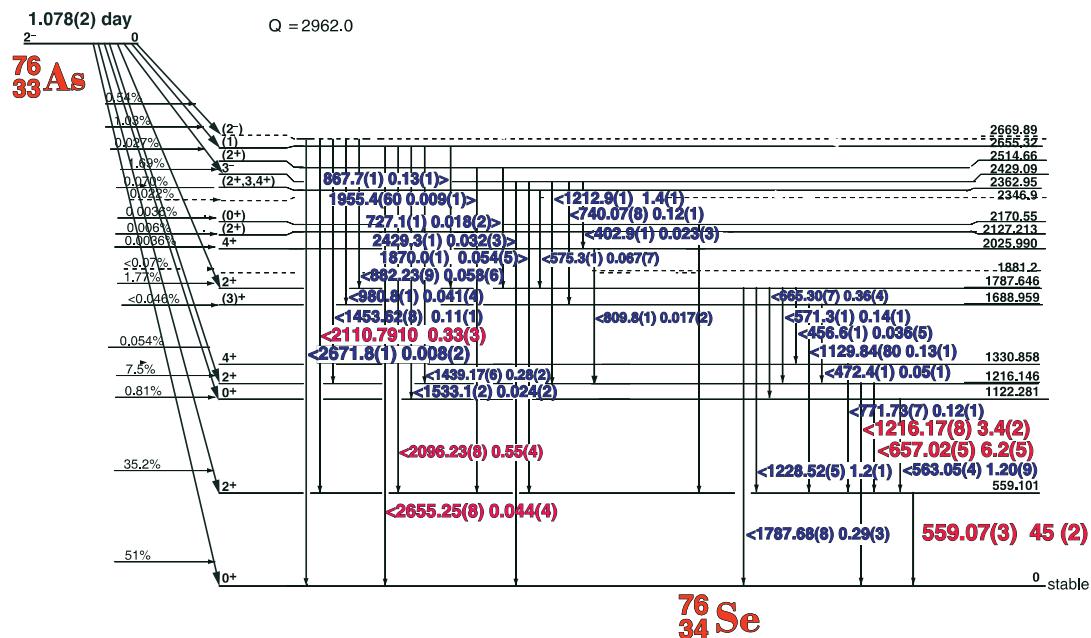


1.078(2) Day ^{76}As

^{76}As Decay Scheme



1.078(2) Day ^{76}As

33-76-2

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{76}As

Detector 3" X 3" NaI-2

Half Life 1.078(2) Day

Method of Production: /as $^{75}(\text{n},\gamma)$

E_{γ} (KeV) [S]	ΔE_{γ}	I_{γ} (rel)	$I_{\gamma}(\%)$ [E]	ΔI_{γ}	S
402.9	± 0.1	0.08		± 0.02	4
456.60	± 0.1	0.32		± 0.03	4
472.36	± 0.1	0.48		± 0.05	4
559.068	± 0.035	100	45.0	± 2.0	1
563.05	± 0.04	2.7	1.20	± 0.09	3
571.26	± 0.1	0.39	0.14	± 0.01	4
575.26	± 0.1	0.18	0.067	± 0.007	4
657.02	± 0.05	14.0	6.2	± 0.5	1
665.30	± 0.07	0.96	0.36	± 0.04	3
727.07	± 1.0	0.08	0.018	± 0.002	4
740.07	± 0.08	0.27	0.117	± 0.01	4
771.73	± 0.07	0.27	0.12	± 0.01	4
794.7	± 0.2	0.01	0.005	$\pm (1)$	4
809.8	± 0.1	0.03	0.017	± 0.002	4
867.7	± 0.1	0.28	0.13	± 0.01	4
882.23	± 0.09	0.14	0.058	± 0.006	4
980.8	± 1.0	0.09	0.041	± 0.004	4
1129.84	± 0.08	0.34	0.126	± 0.015	4
1212.9	± 0.1	3.4	1.44	± 0.11	2
1216.17	± 0.08	7.2	3.42	± 0.24	1
1228.52	± 0.05	2.6	1.22	± 0.11	2
1439.17	± 0.06	0.62	0.279	± 0.019	3
1453.62	± 0.08	0.29	0.108	± 0.011	4
1533.1	± 0.2	0.10	0.024	± 0.002	4
1787.68	± 0.08	0.73	0.292	± 0.028	3
1870.0	± 0.1	0.28	0.054	± 0.005	4
1955.4	± 0.6	0.04	0.009	$\pm (1)$	4
2096.23	± 0.08	1.3	0.55	± 0.04	1
2110.7	± 0.1	0.76	0.33	± 0.03	1
2429.35	± 0.1	0.10	0.032	± 0.003	2
2655.25	± 0.1	0.10	0.044	± 0.004	1
2671.8	± 0.15	0.02	0.008	$\pm (2)$	4