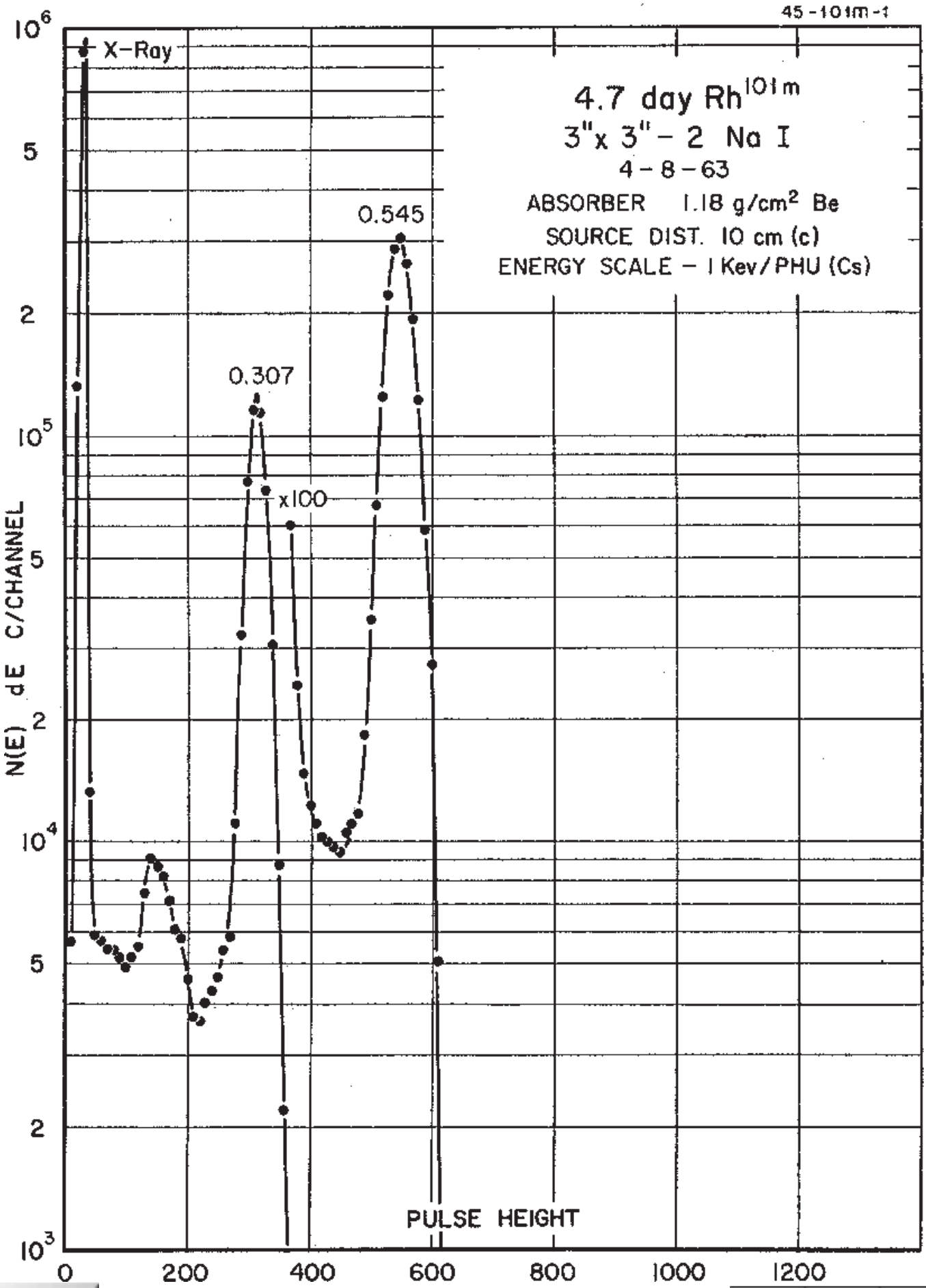
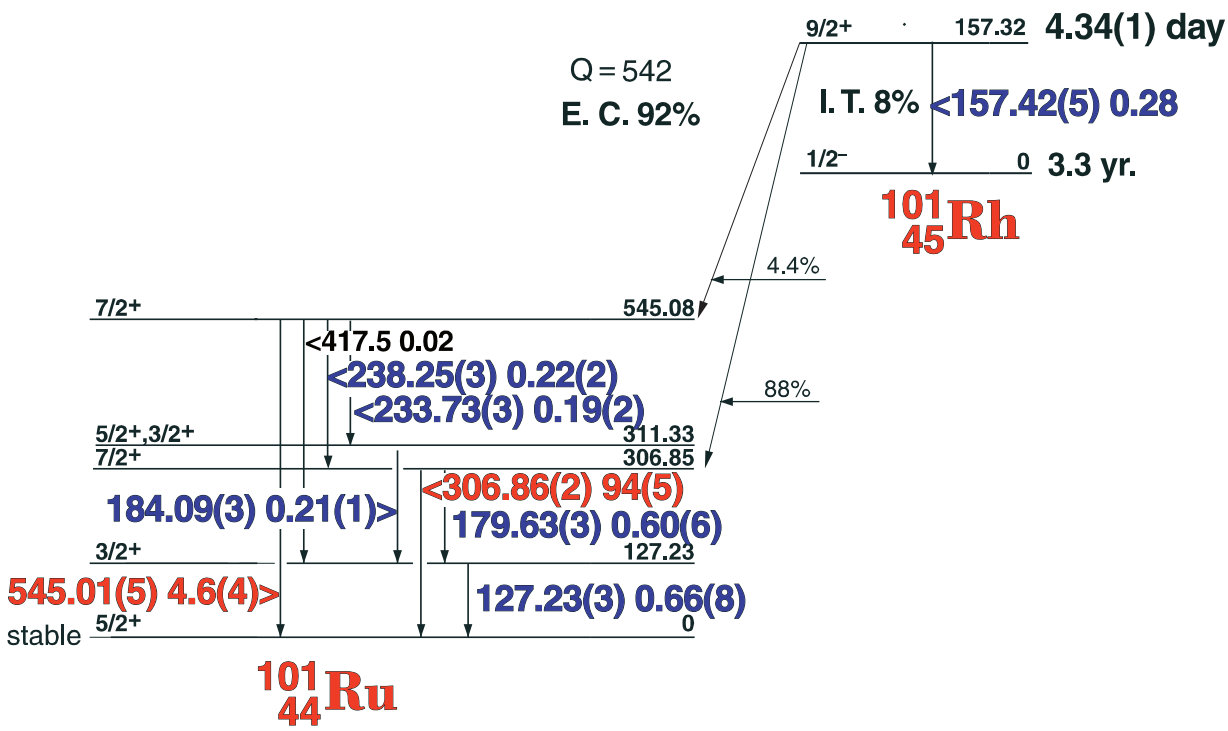

45-101m-1
X-Ray
4.7 day Rh101m
3"x 3" - 2 Na I
4-8-63
ABSORBER 1.18 g/cm2 Be
SOURCE DIST. 10 cm (c)
ENERGY SCALE - 1 Kev/PHU (Cs)
0.545
0.307
x100
N(E) dE C/CHANNEL
PULSE HEIGHT
10^6
5
2
10^5
5
2
10^4
5
2
10^3
0
200
400
600
800
1000
1200

4.34(1) day ^{101m}Rh



45-101m-1

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{101m}Rh Half Life 4.34(1) day
Detector 3" X 3" NaI-2 Method of Production: ^{103}Rh(γ,2n)

	E_γ (KeV)[S]	ΔE_γ	I_γ(rel)	I_γ(%)[E]	ΔI_γ	S
	127. 23	± 0.03	0.74	0.88	± 0. 08	2
I. T.	157.42	± 0.05	0.31	0.28	±0.02	4
	179.63	± 0.03	0.67	0.60	± 0.06	3
	184.09	± 0.03	0.24	0.21	±.0.01	4
	233.73	± 0.03	0.20	0.19	± 0.02	4
	238.25	± 0.03	0.24	0.22	± 0.02	4
	306.86	± 0.02	I00	94	± 5.0	1
Ann.	511.006					2
	545.01	± 0.15	5.3	4.6	± 0.4	1

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