

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

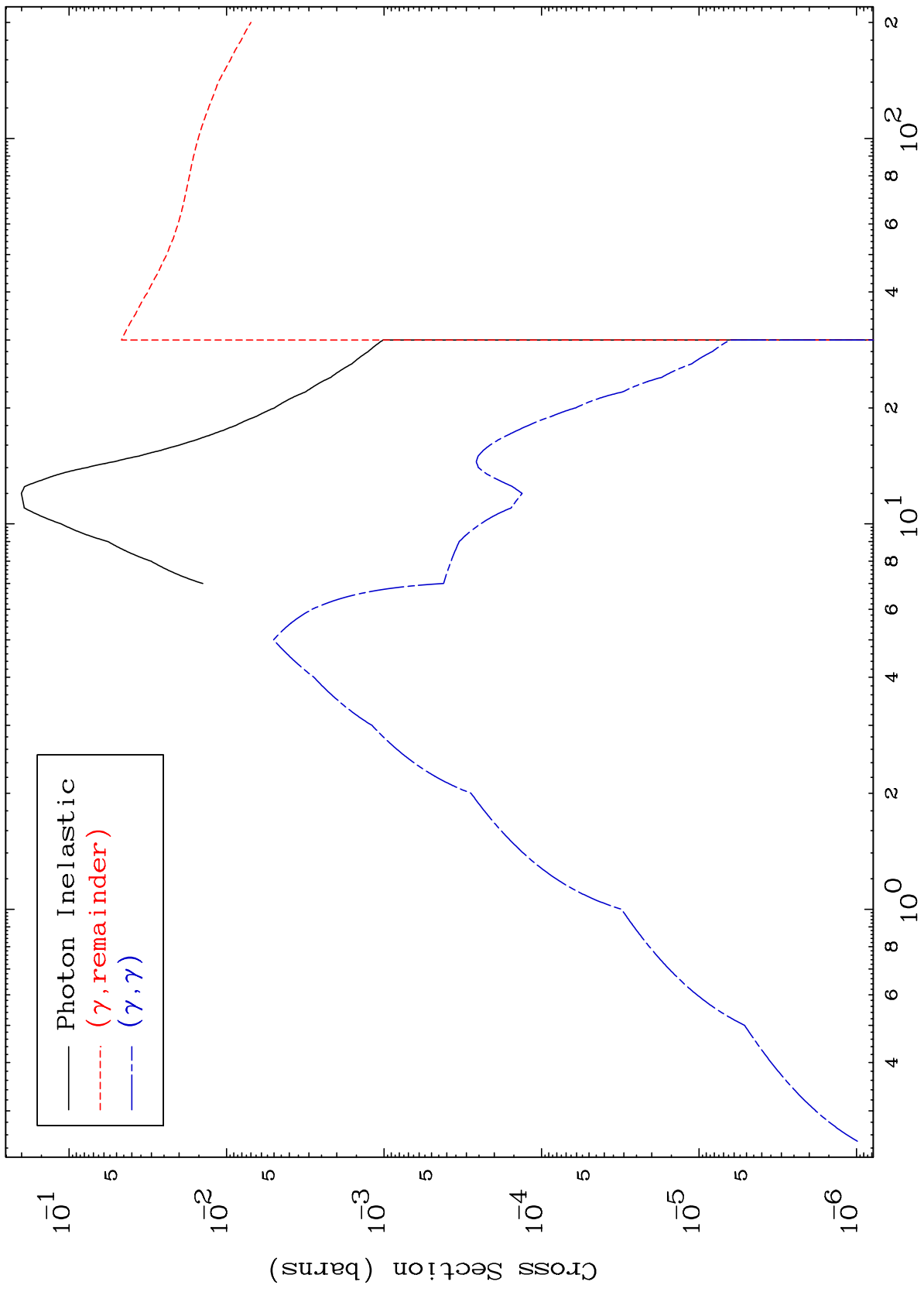
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9440

Photon Major
0 Kelvin Cross Sections

94-Pu-240



1

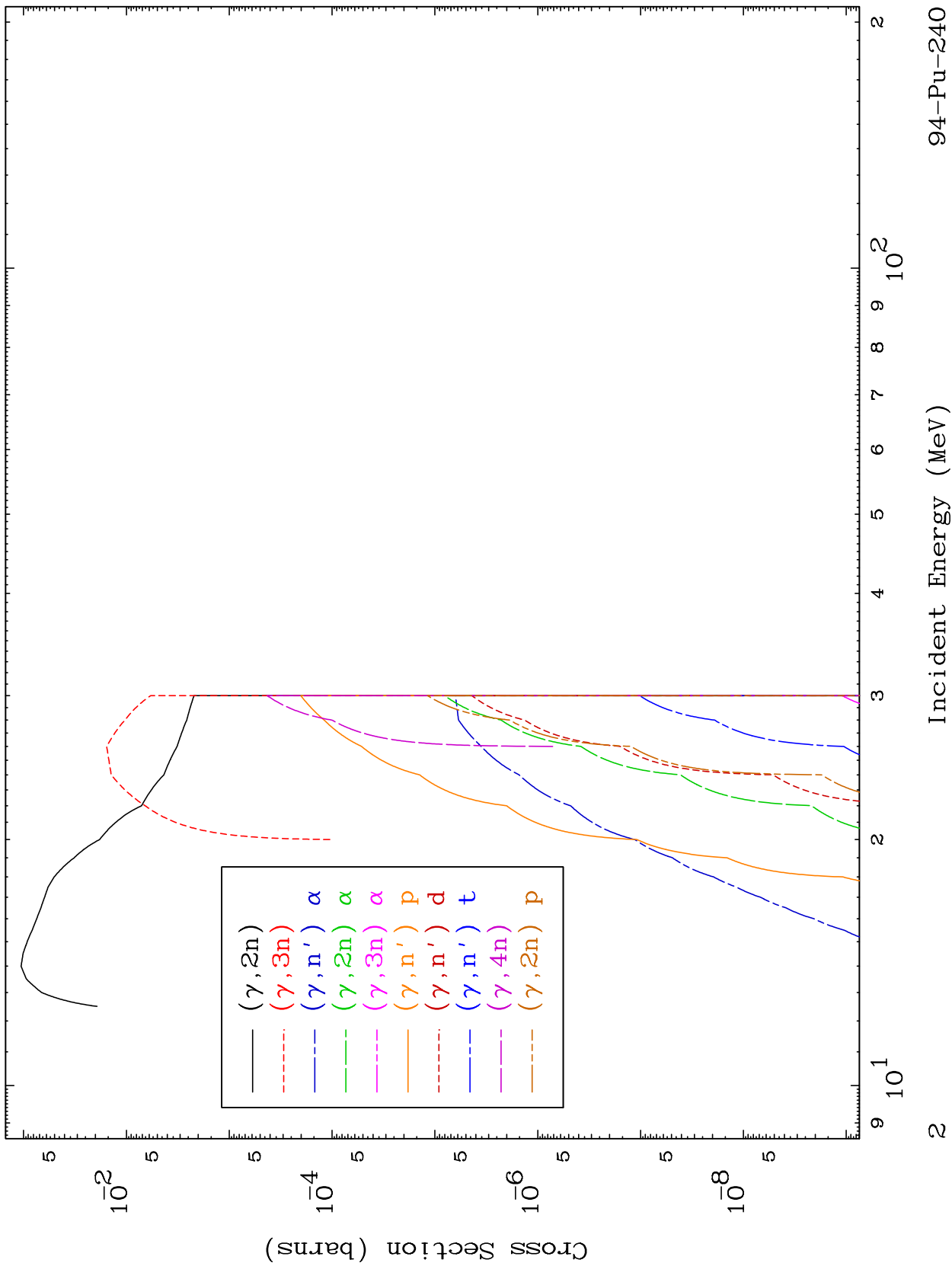
Incident Energy (MeV)

94-Pu-240

MAT 9440

Photon Neutron Production
0 Kelvin Cross Sections

94-Pu-240



94-Pu-240

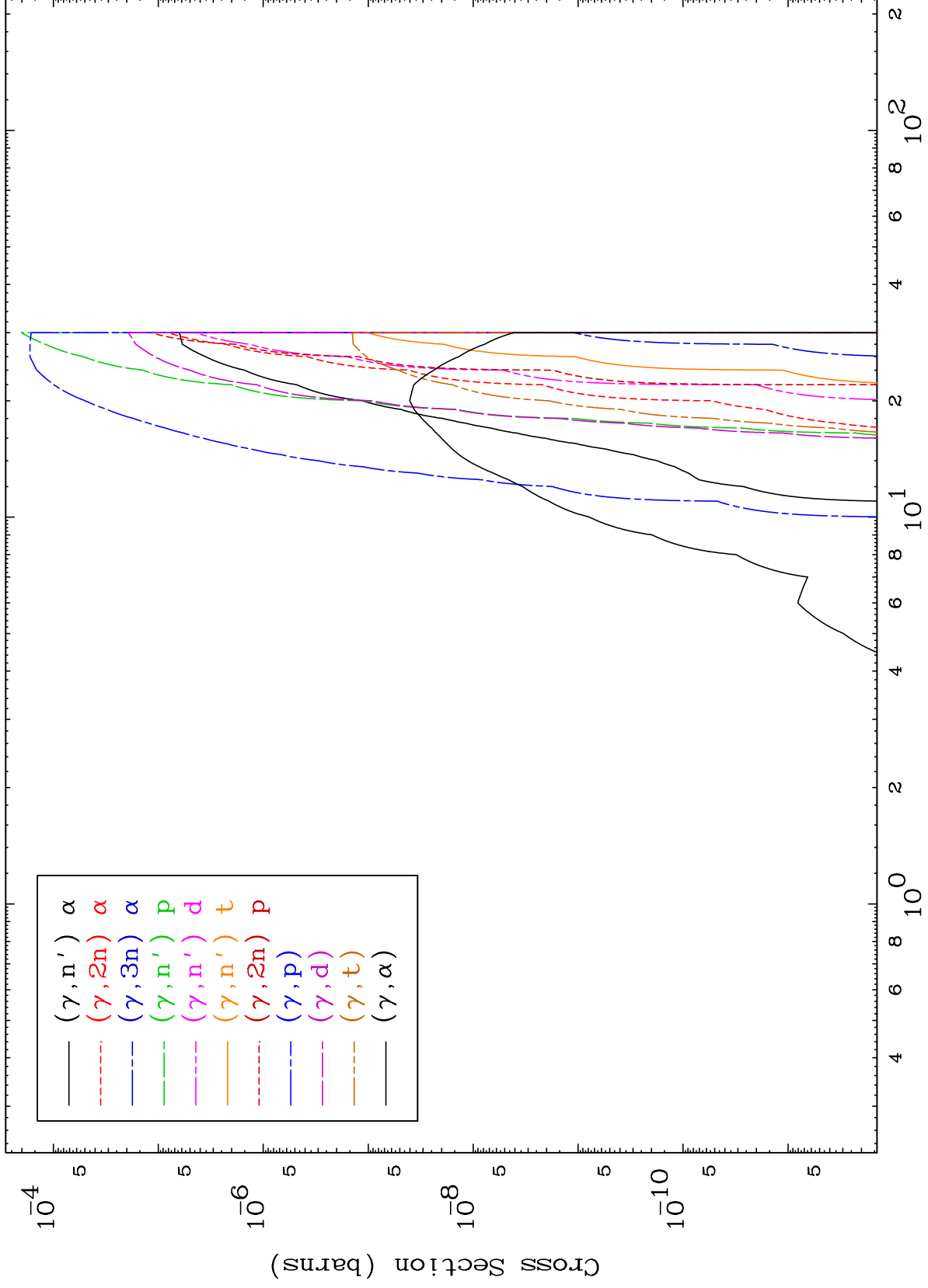
Incident Energy (MeV)

2

MAT 9440

Photon Charged Particle
0 Kelvin Cross Sections

94-Pu-240



94-Pu-240

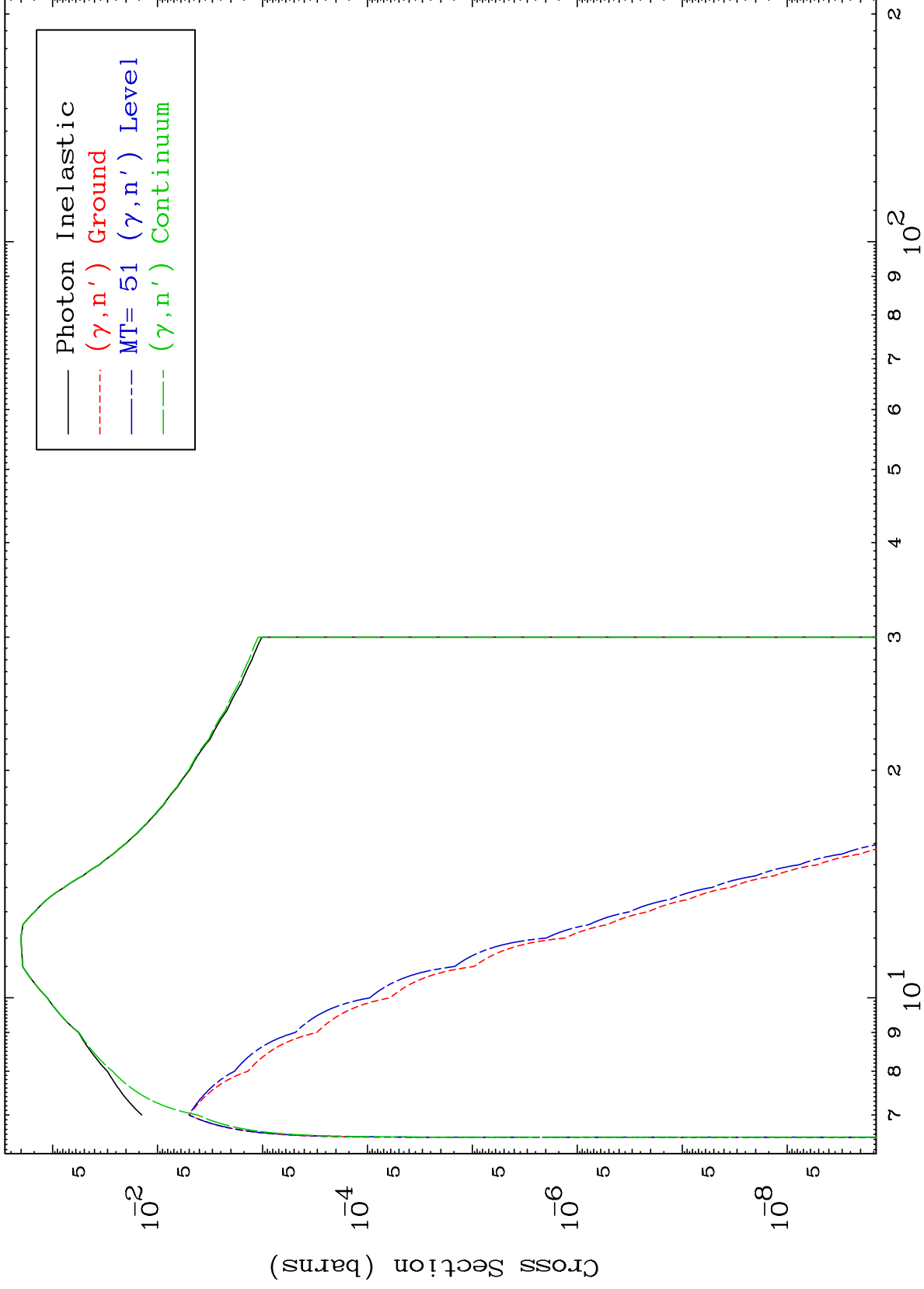
Incident Energy (MeV)

MAT 9440

(γ, n') Level

94-Pu-240

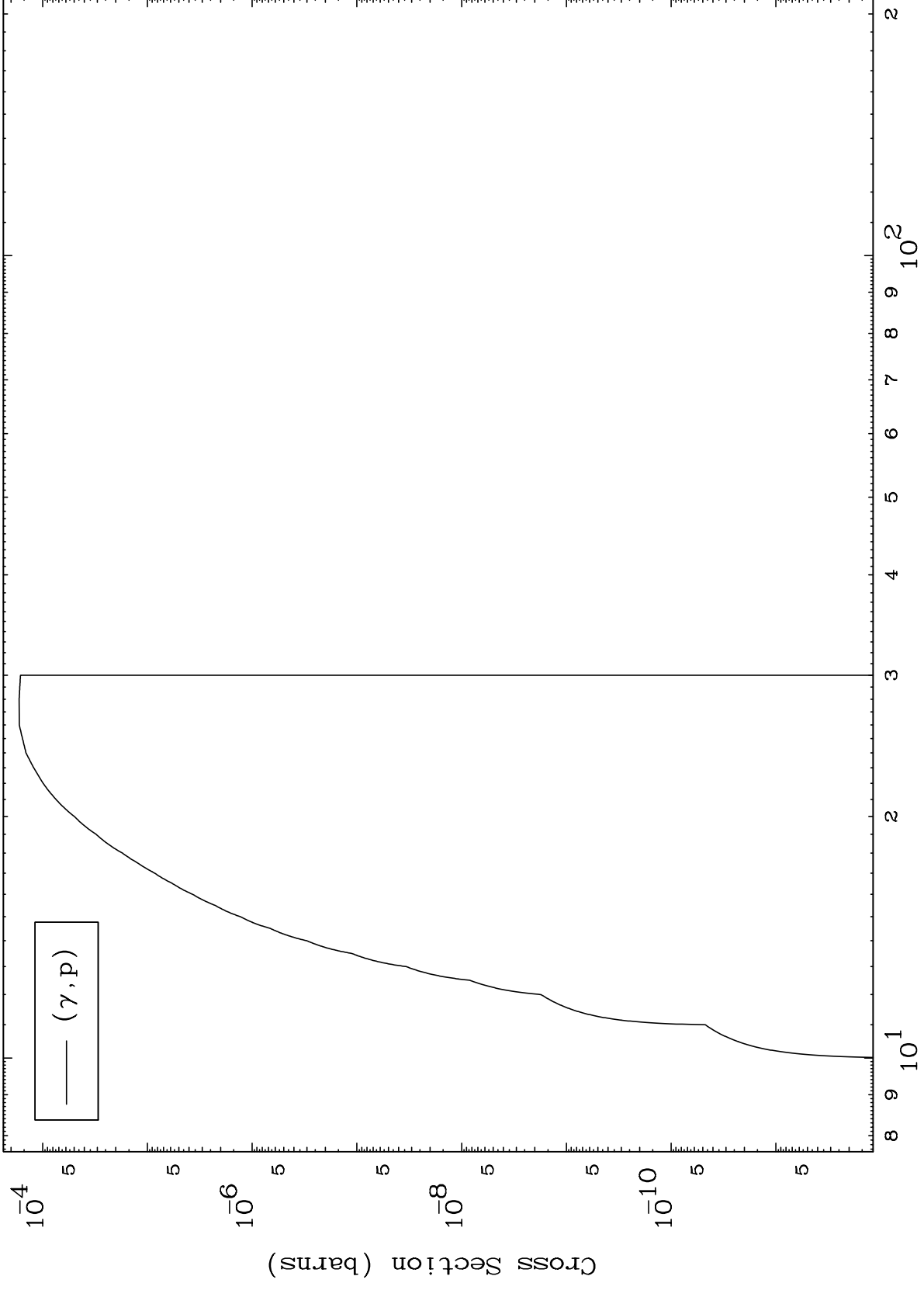
0 Kelvin Cross Sections



MAT 9440

(γ, p) Levels
0 Kelvin Cross Sections

94-Pu-240



(γ, p)

Incident Energy (MeV)

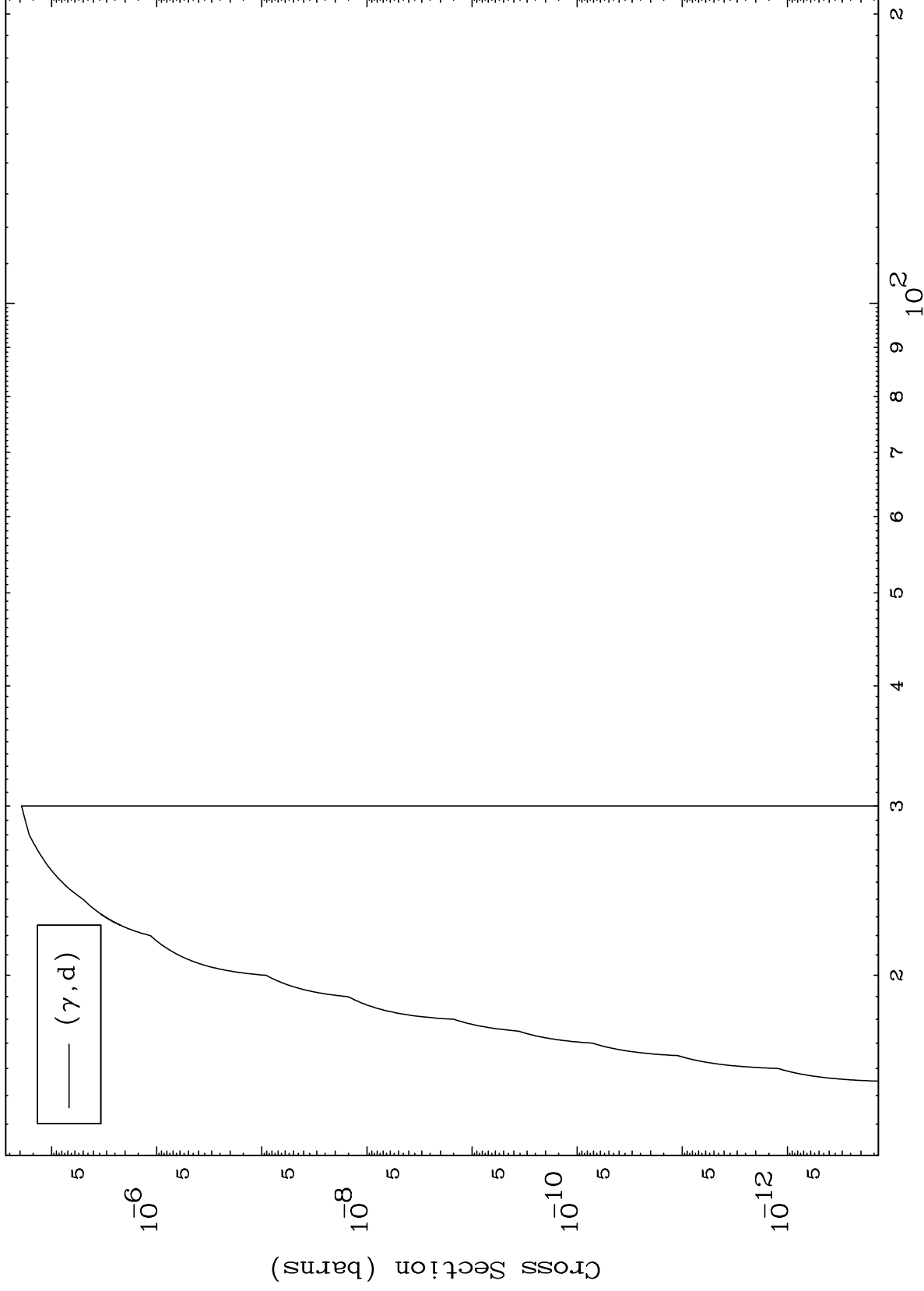
94-Pu-240

5

MAT 9440

(γ, d) Levels
0 Kelvin Cross Sections

94-Pu-240



Incident Energy (MeV)

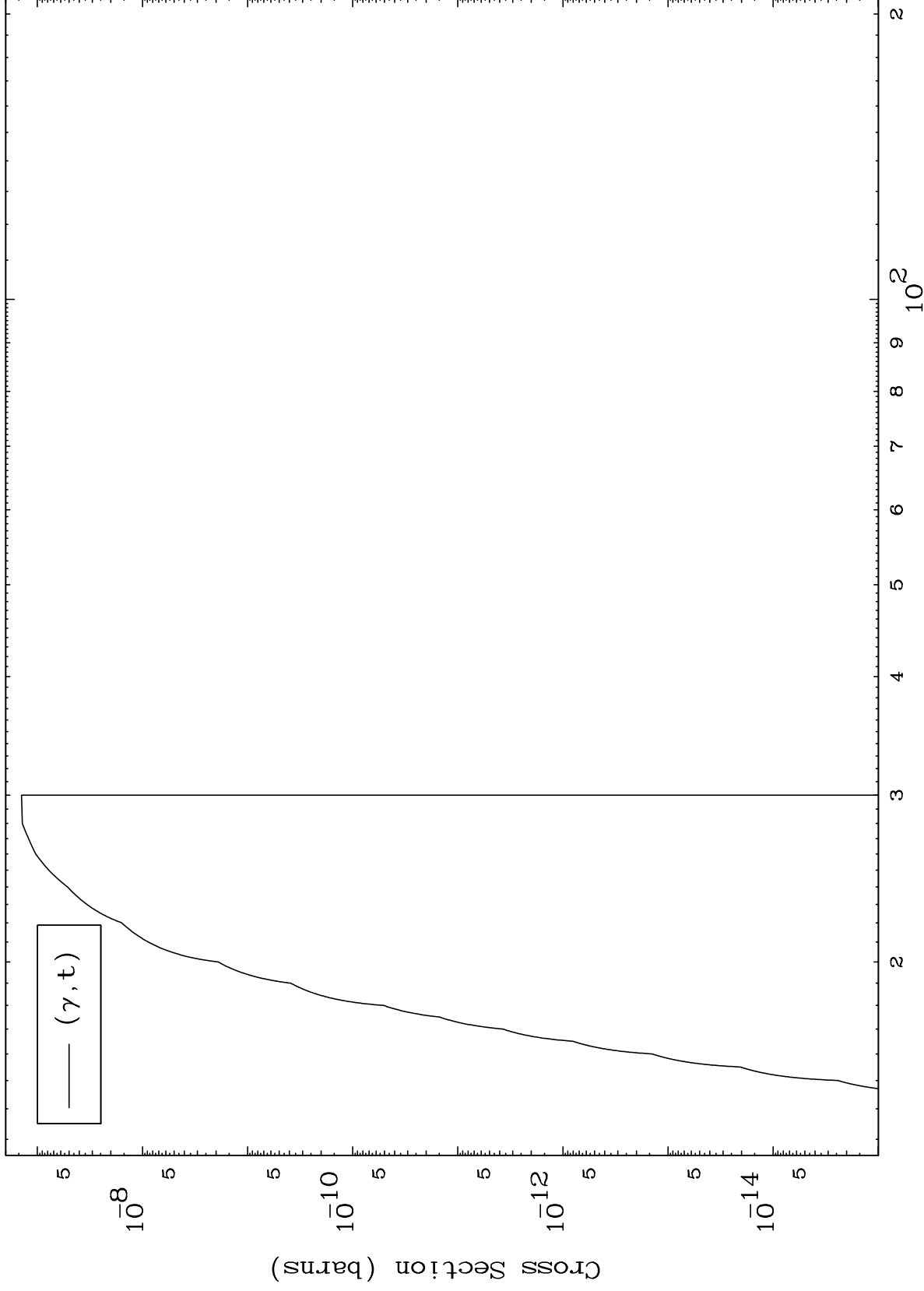
94-Pu-240

6

MAT 9440

(γ, t) Levels
0 Kelvin Cross Sections

94-Pu-240



7

Incident Energy (MeV)

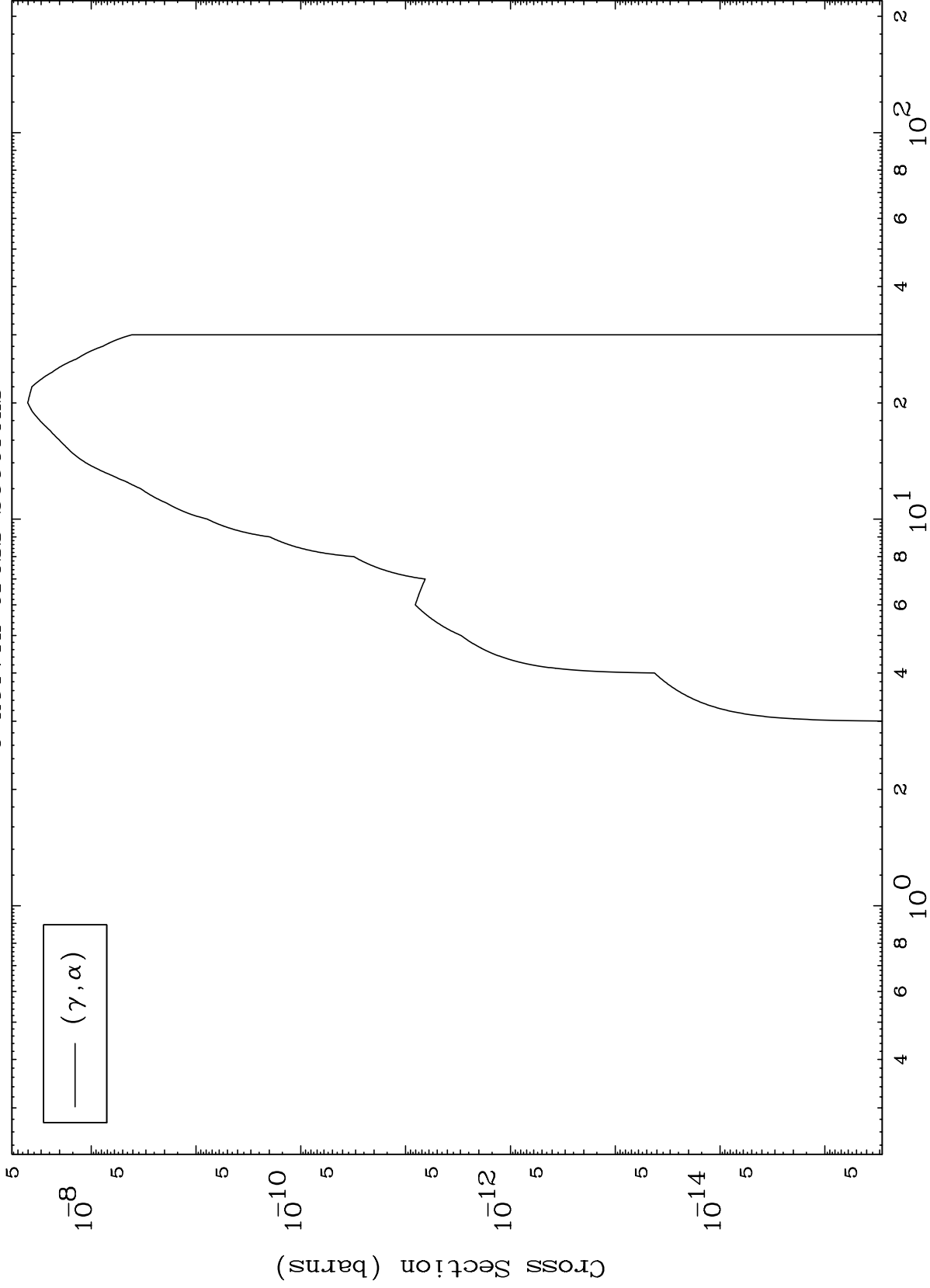
94-Pu-240

MAT 9440

(γ, α) Levels

94-Pu-240

0 Kelvin Cross Sections



8

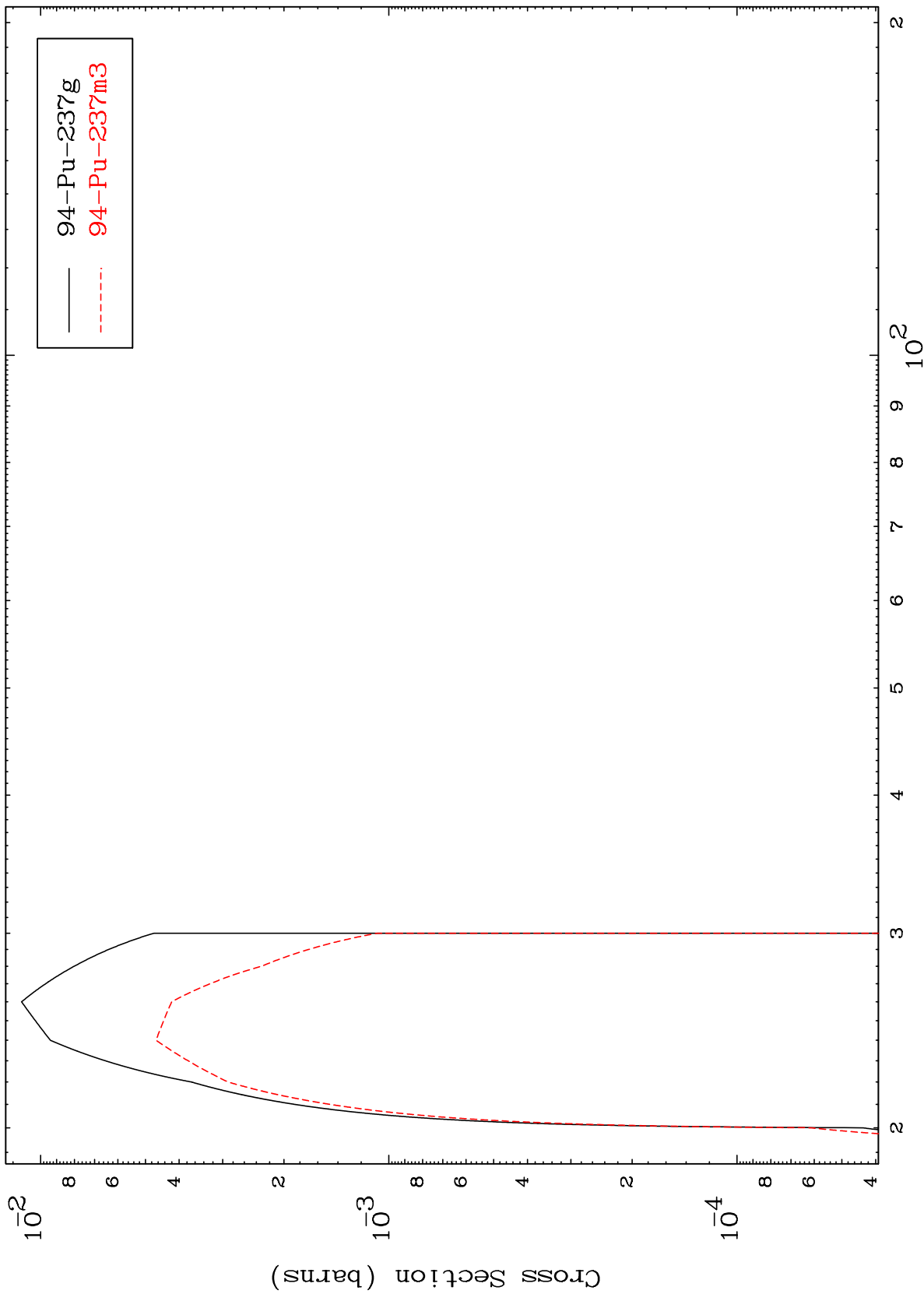
Incident Energy (MeV)

94-Pu-240

MAT 9440

94-Pu-240

($\gamma, 3n$)
Radionuclide Production Cross Section



94-Pu-240

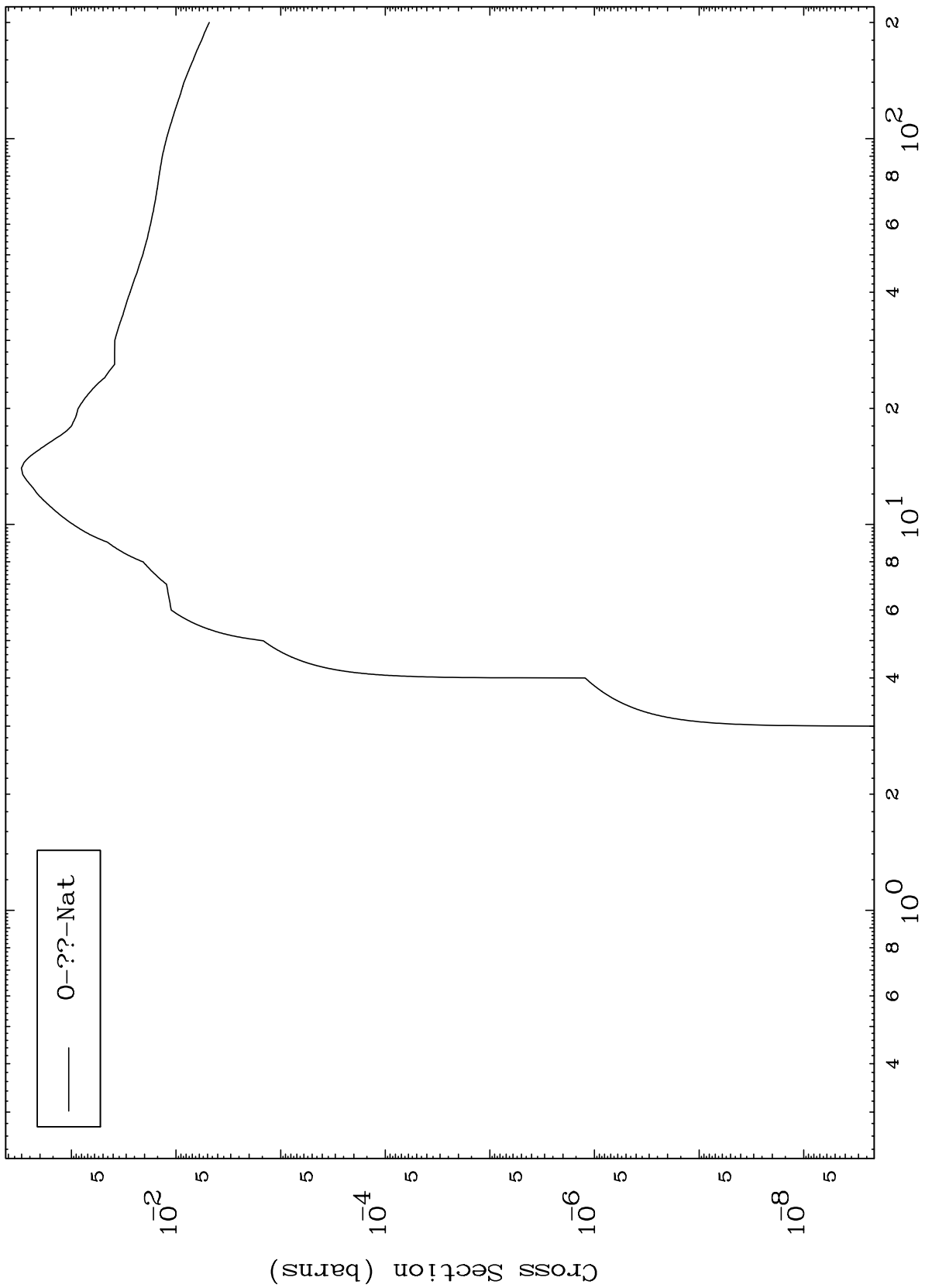
Incident Energy (MeV)

9

MAT 9440

Photon Fission
Radionuclide Production Cross Section

94-Pu-240



10

Incident Energy (MeV)

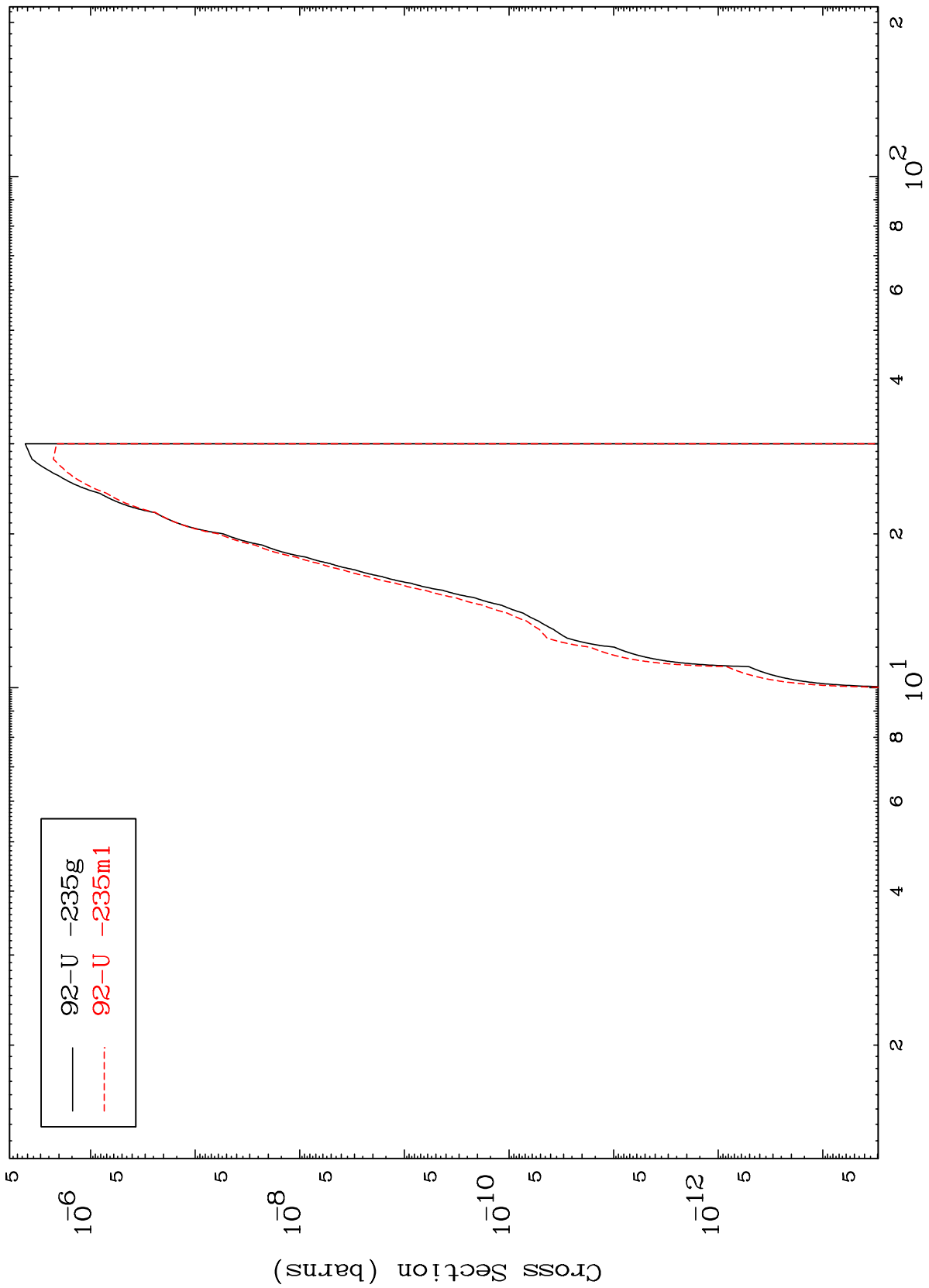
94-Pu-240

MAT 9440

(γ, n') α

94-Pu-240

Radionuclide Production Cross Section



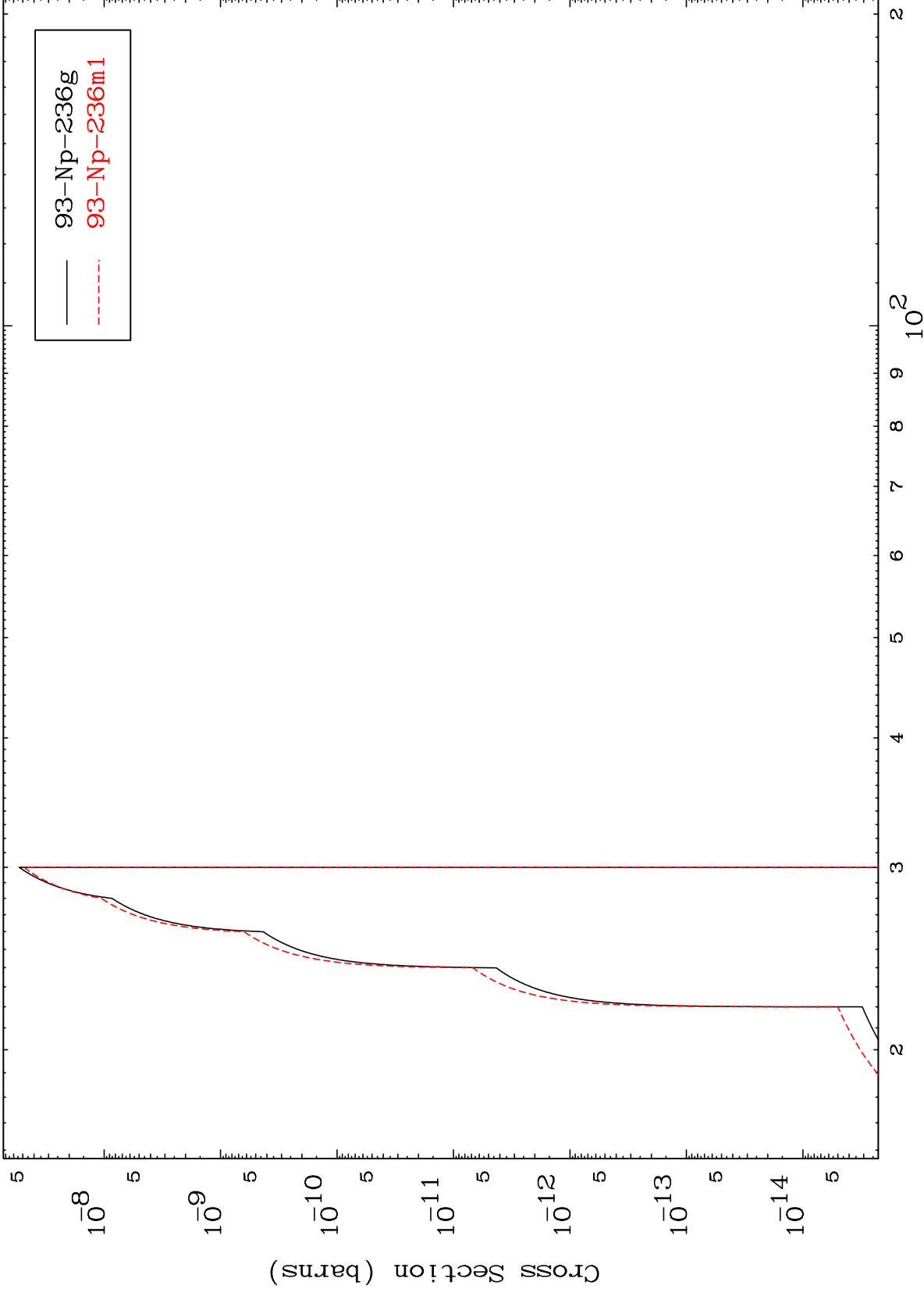
92-U-235g
92-U-235m1

MAT 9440

(γ, n') t

94-Pu-240

Radionuclide Production Cross Section



12

Incident Energy (MeV)

94-Pu-240