

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

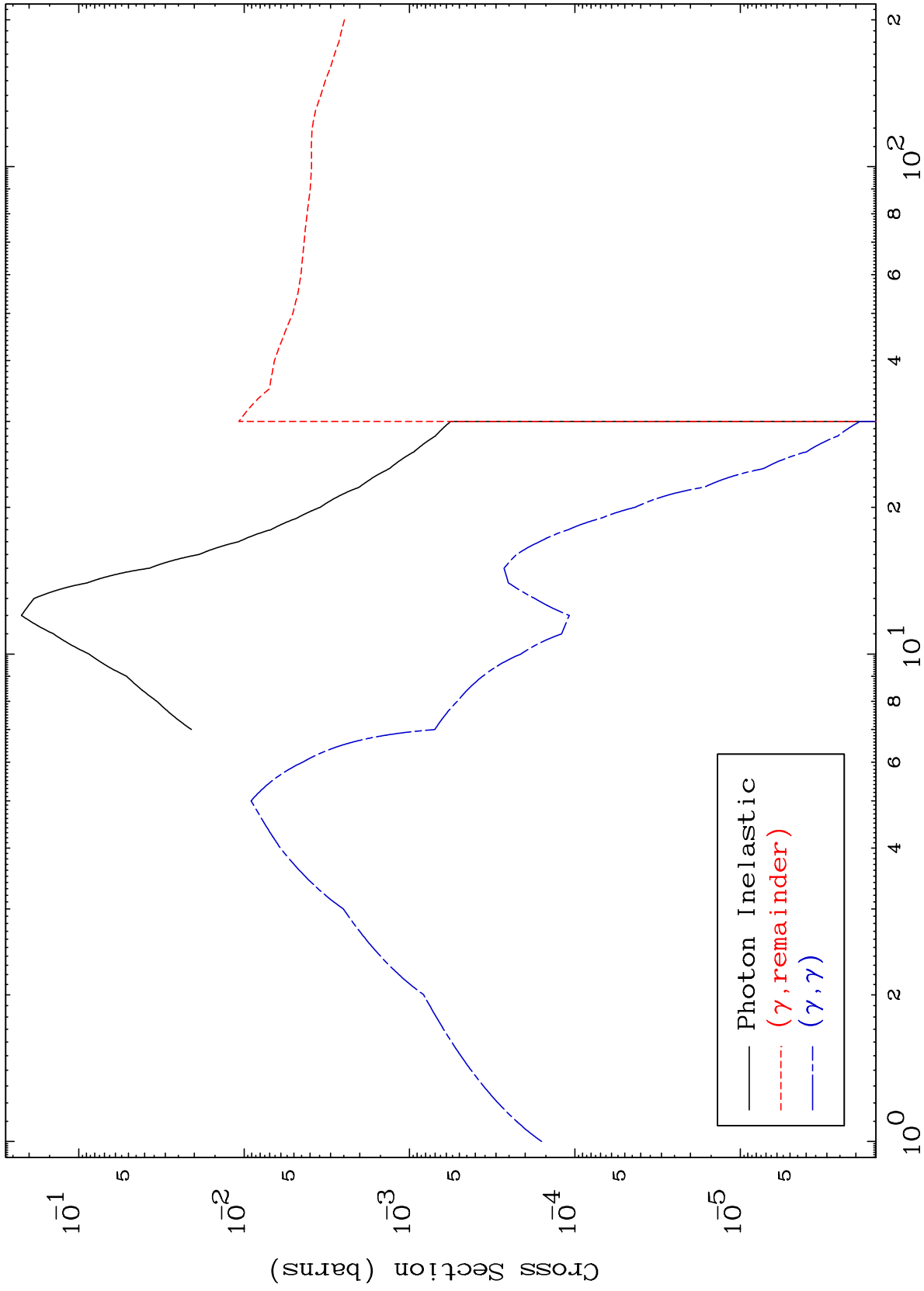
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9446

Photon Major
0 Kelvin Cross Sections

94-Pu-242



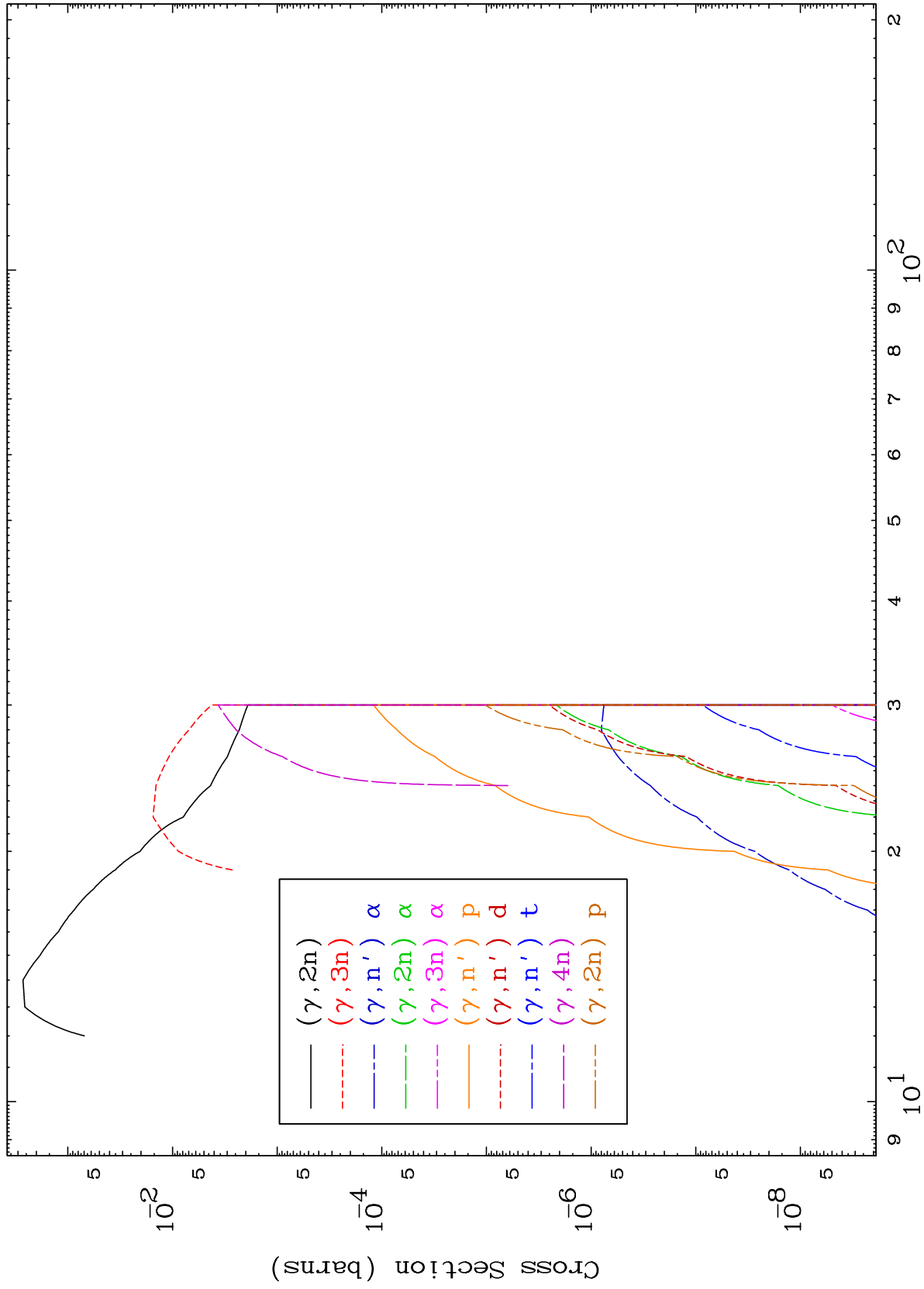
Incident Energy (MeV)

94-Pu-242

MAT 9446

Photon Neutron Production
0 Kelvin Cross Sections

94-Pu-242



94-Pu-242

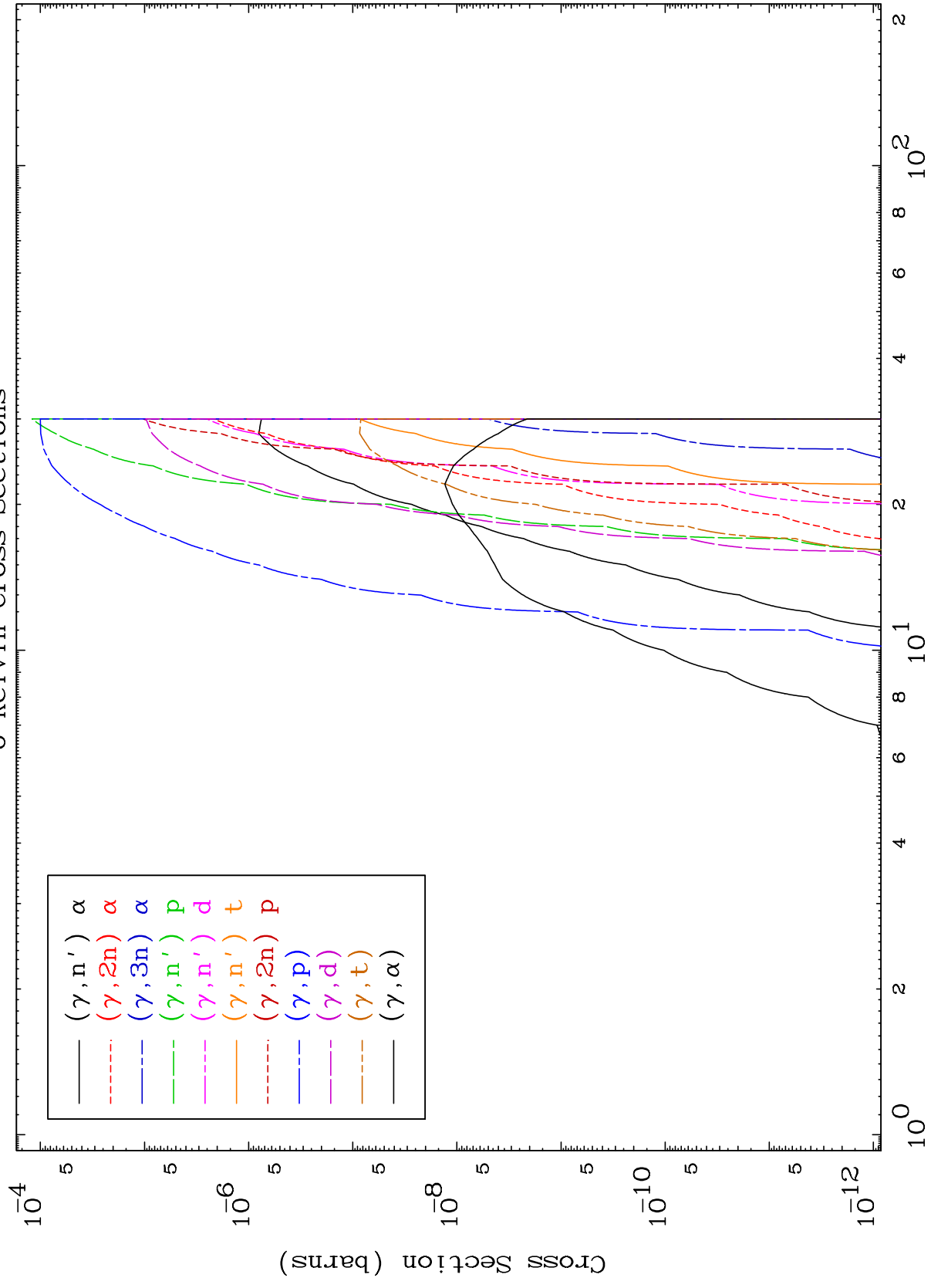
Incident Energy (MeV)

2

MAT 9446

Photon Charged Particle
0 Kelvin Cross Sections

94-Pu-242



Incident Energy (MeV)

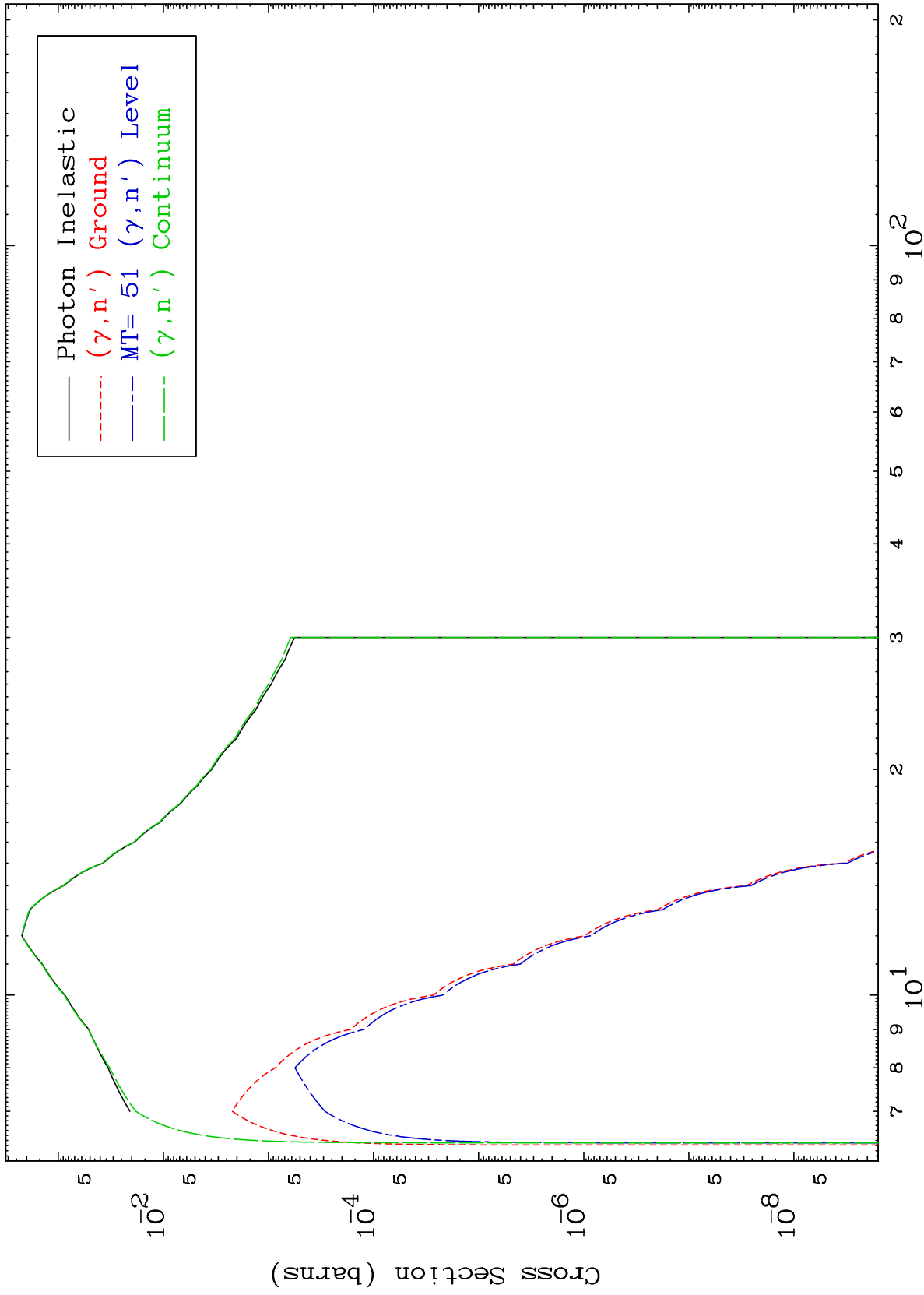
94-Pu-242

MAT 9446

(γ, n') Level

94-Pu-242

0 Kelvin Cross Sections



4

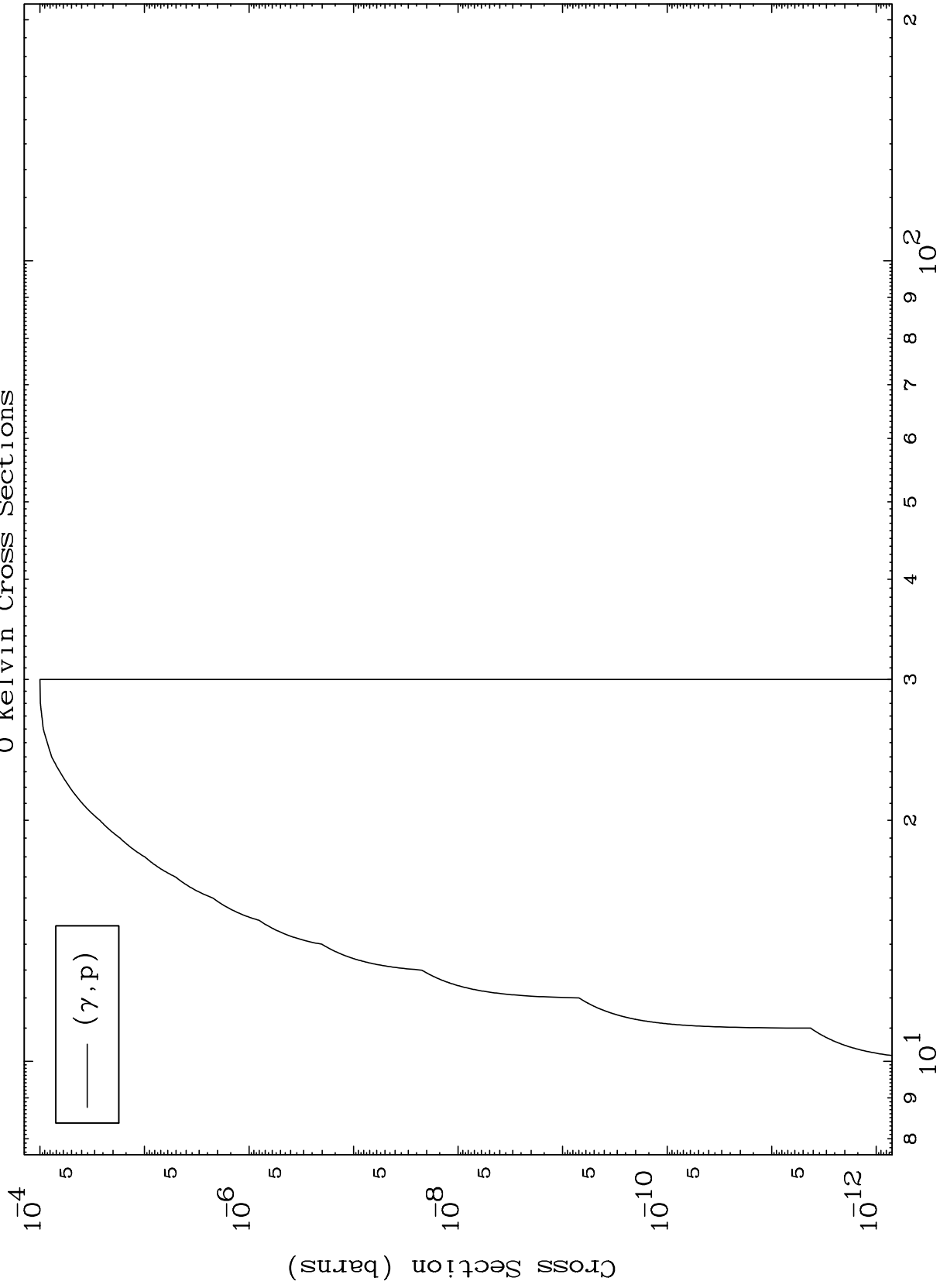
Incident Energy (MeV)

94-Pu-242

MAT 9446

(γ, p) Levels
0 Kelvin Cross Sections

94-Pu-242



5

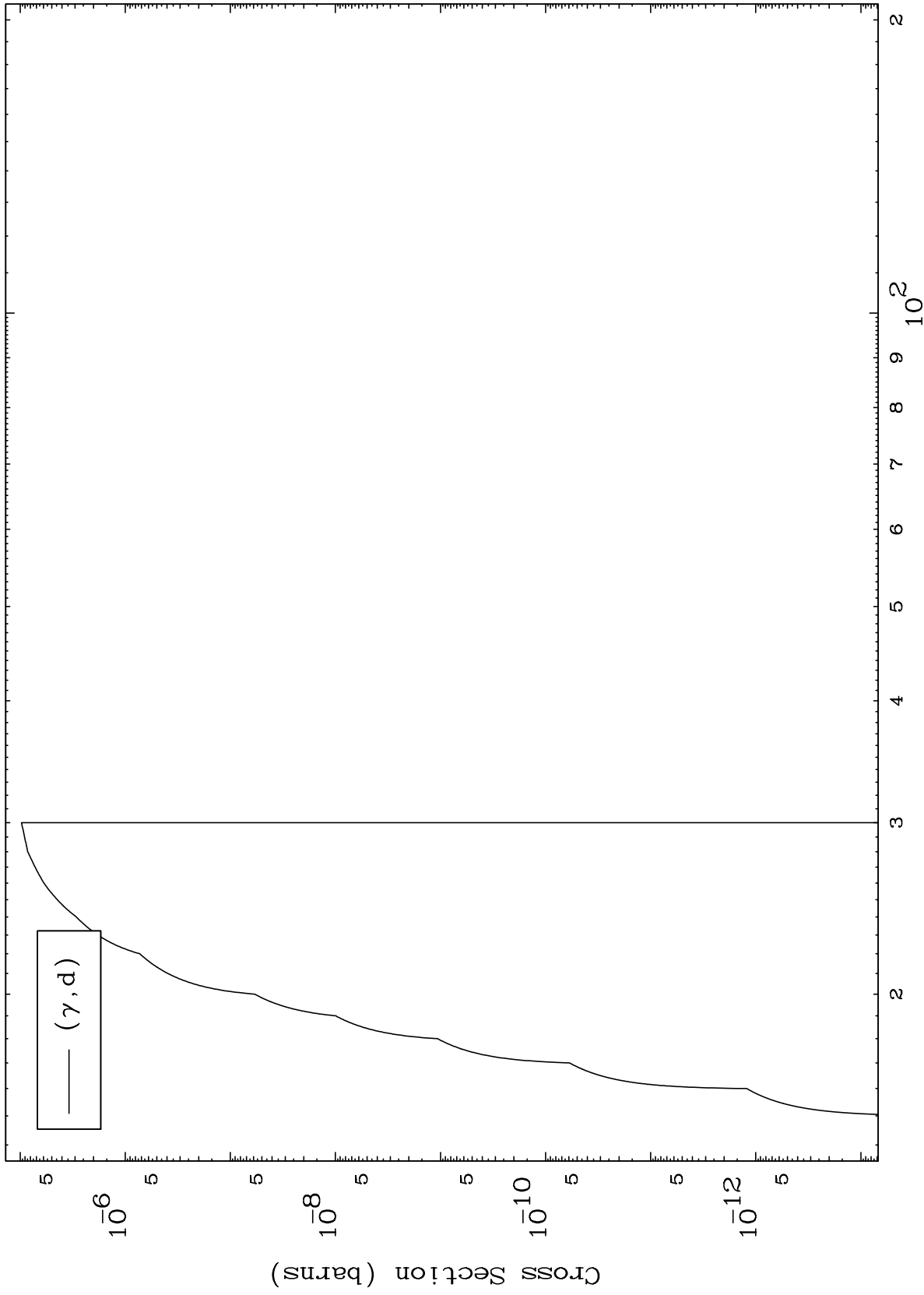
Incident Energy (MeV)

94-Pu-242

MAT 9446

(γ, d) Levels
0 Kelvin Cross Sections

94-Pu-242



6

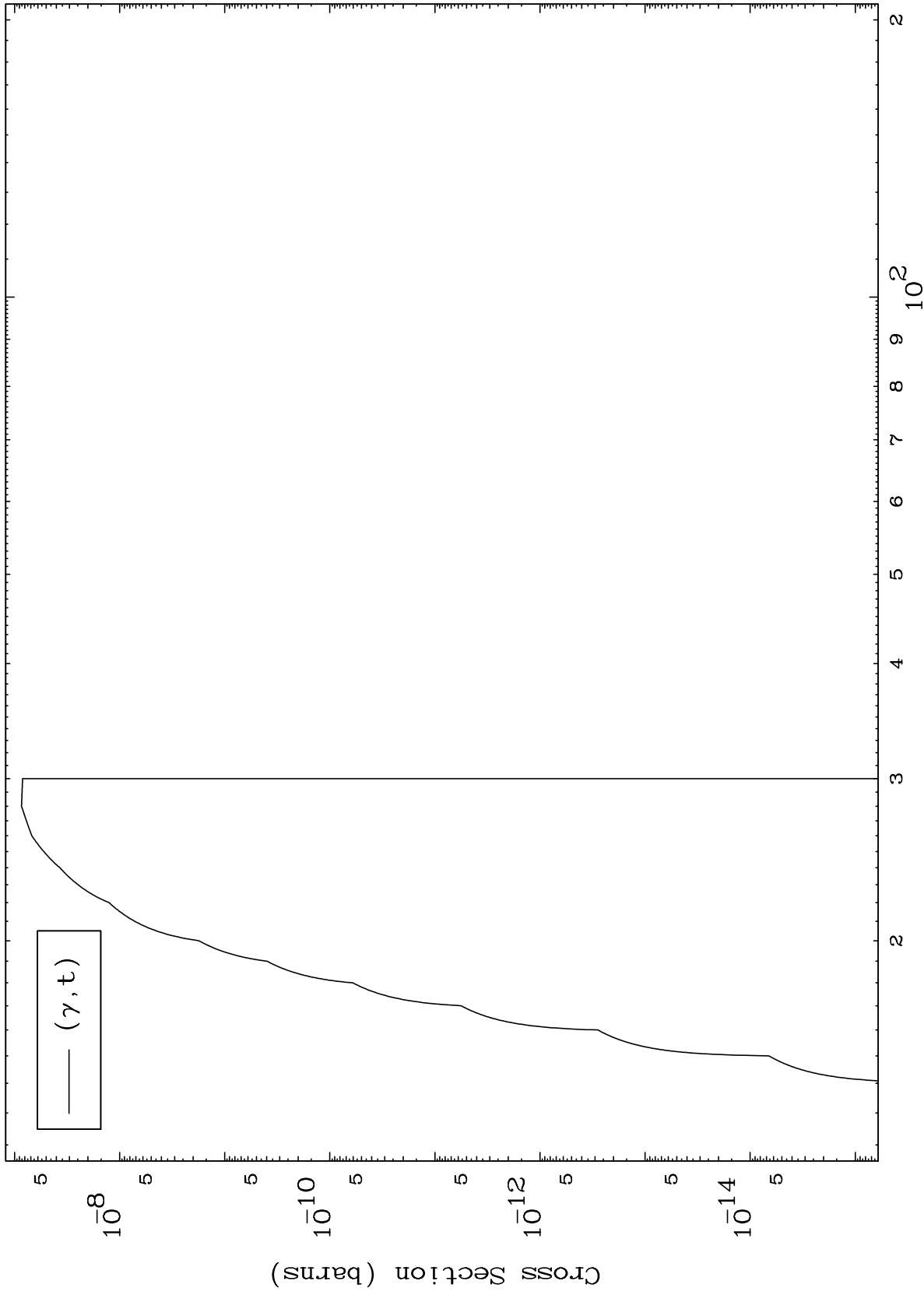
Incident Energy (MeV)

94-Pu-242

MAT 9446

(γ, t) Levels
0 Kelvin Cross Sections

94-Pu-242



7

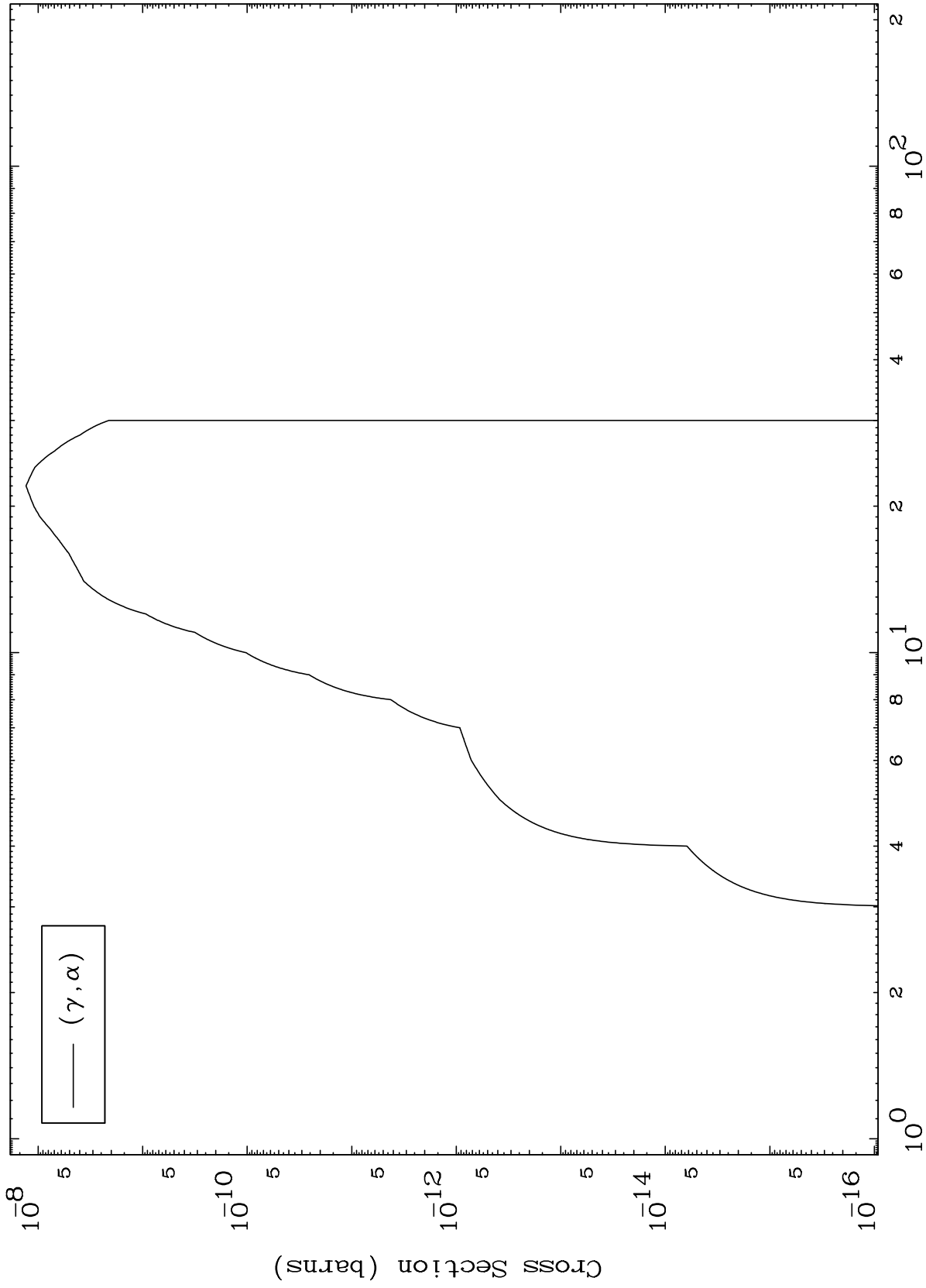
Incident Energy (MeV)

94-Pu-242

MAT 9446

(γ, α) Levels
0 Kelvin Cross Sections

94-Pu-242



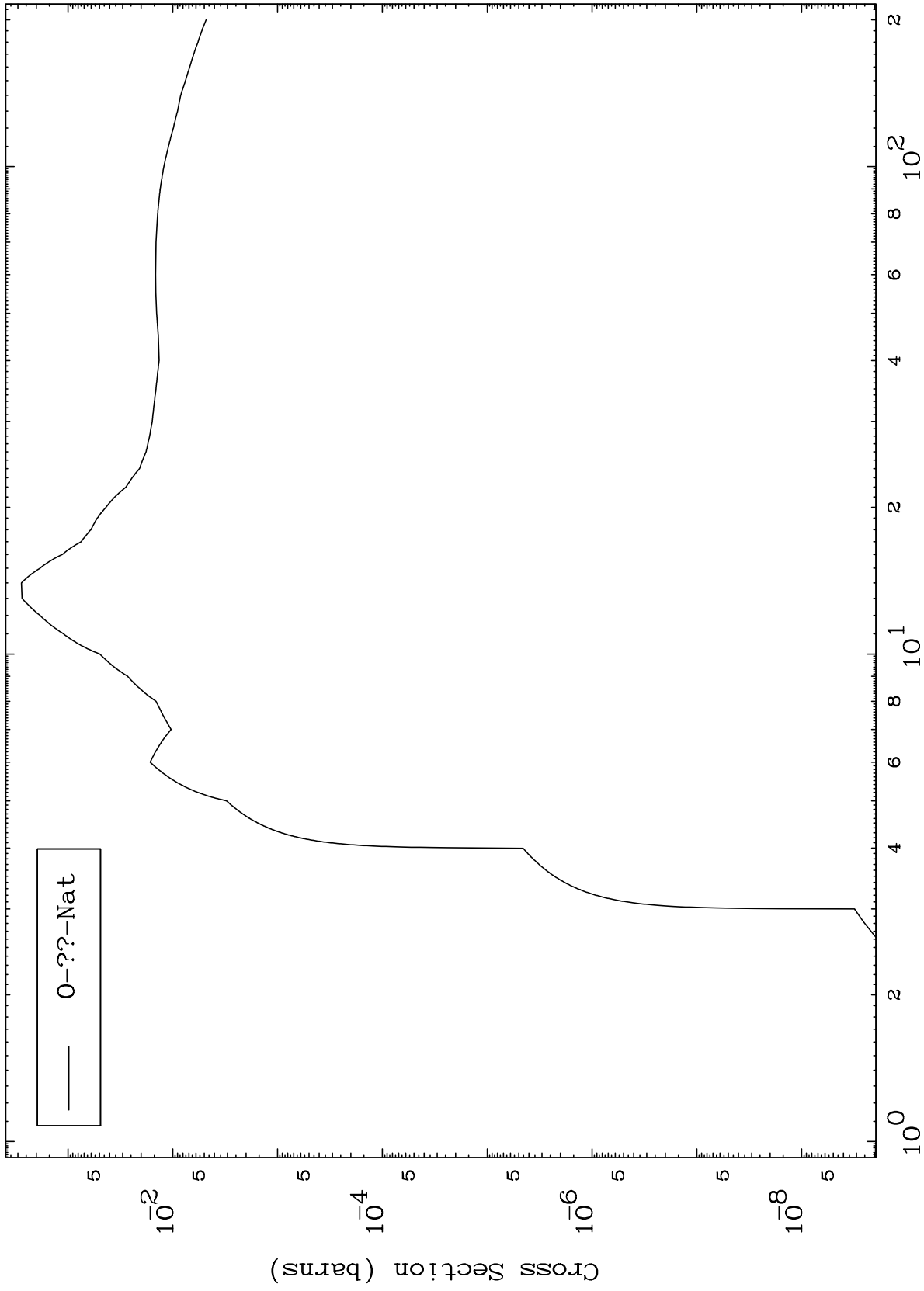
Incident Energy (MeV)

94-Pu-242

MAT 9446

Photon Fission
Radionuclide Production Cross Section

94-Pu-242



Incident Energy (MeV)

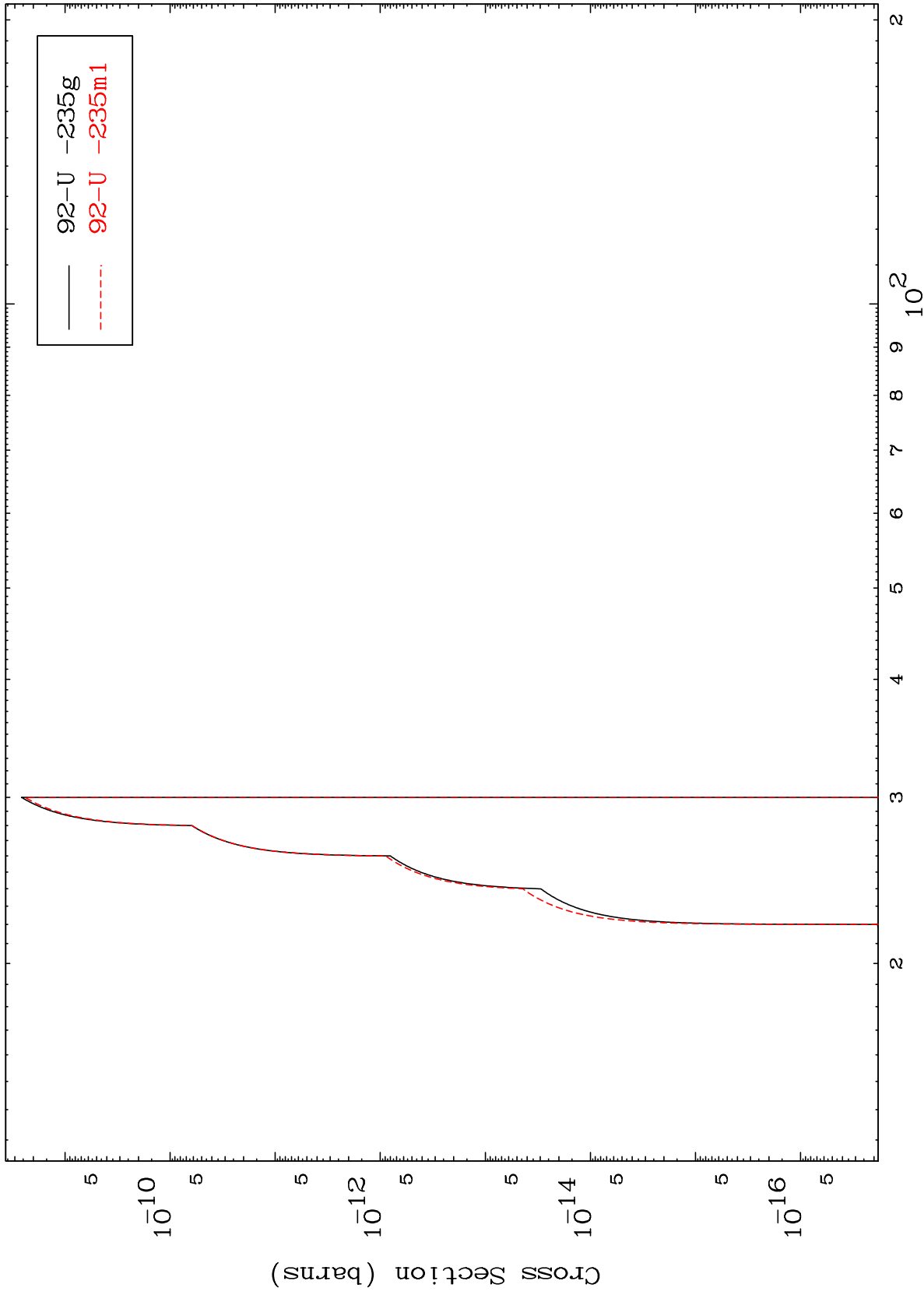
94-Pu-242

MAT 9446

($\gamma, 3n$) α

94-Pu-242

Radionuclide Production Cross Section



10

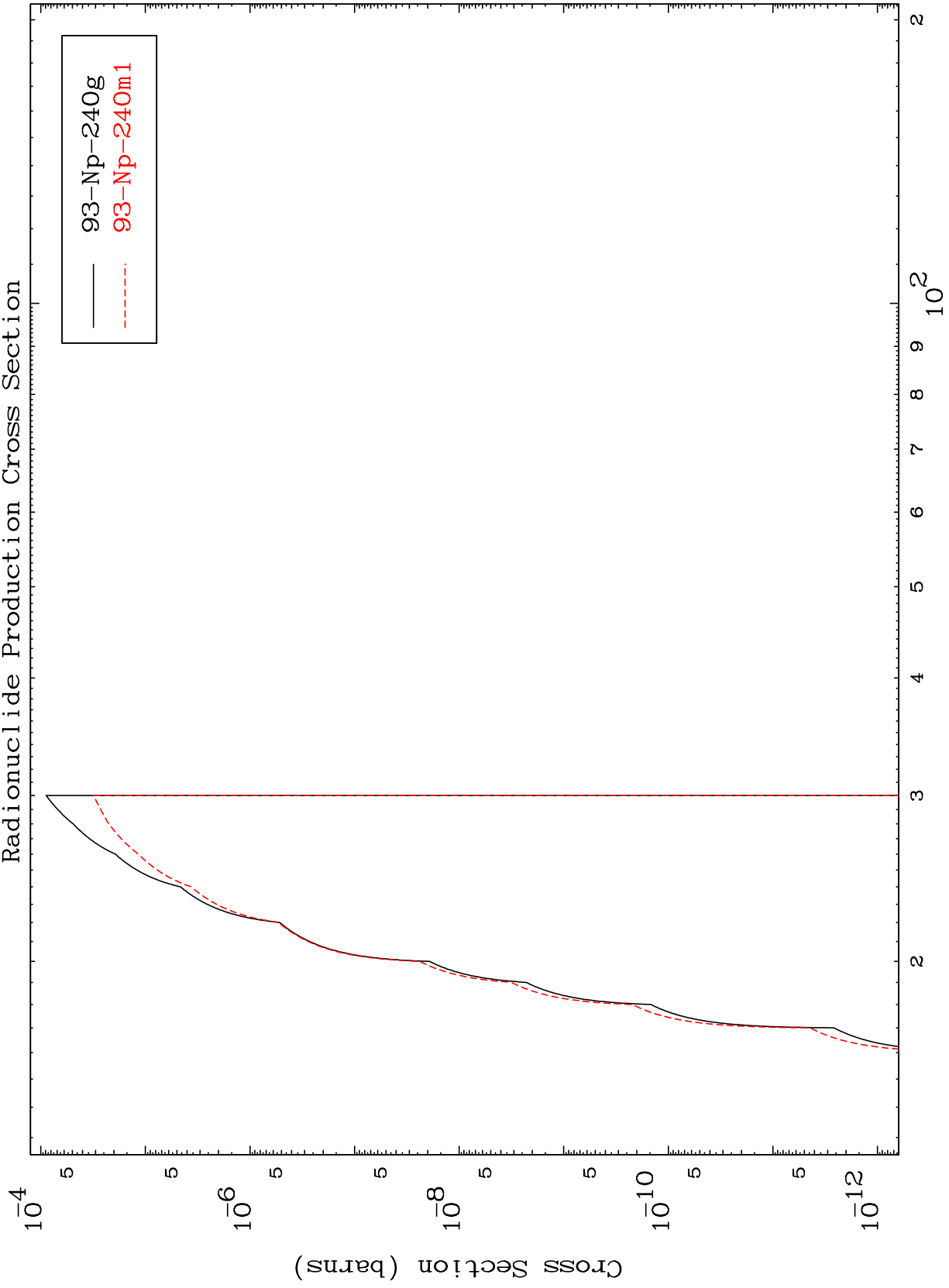
Incident Energy (MeV)

94-Pu-242

MAT 9446

94-Pu-242

(γ, n') p
Radionuclide Production Cross Section



11

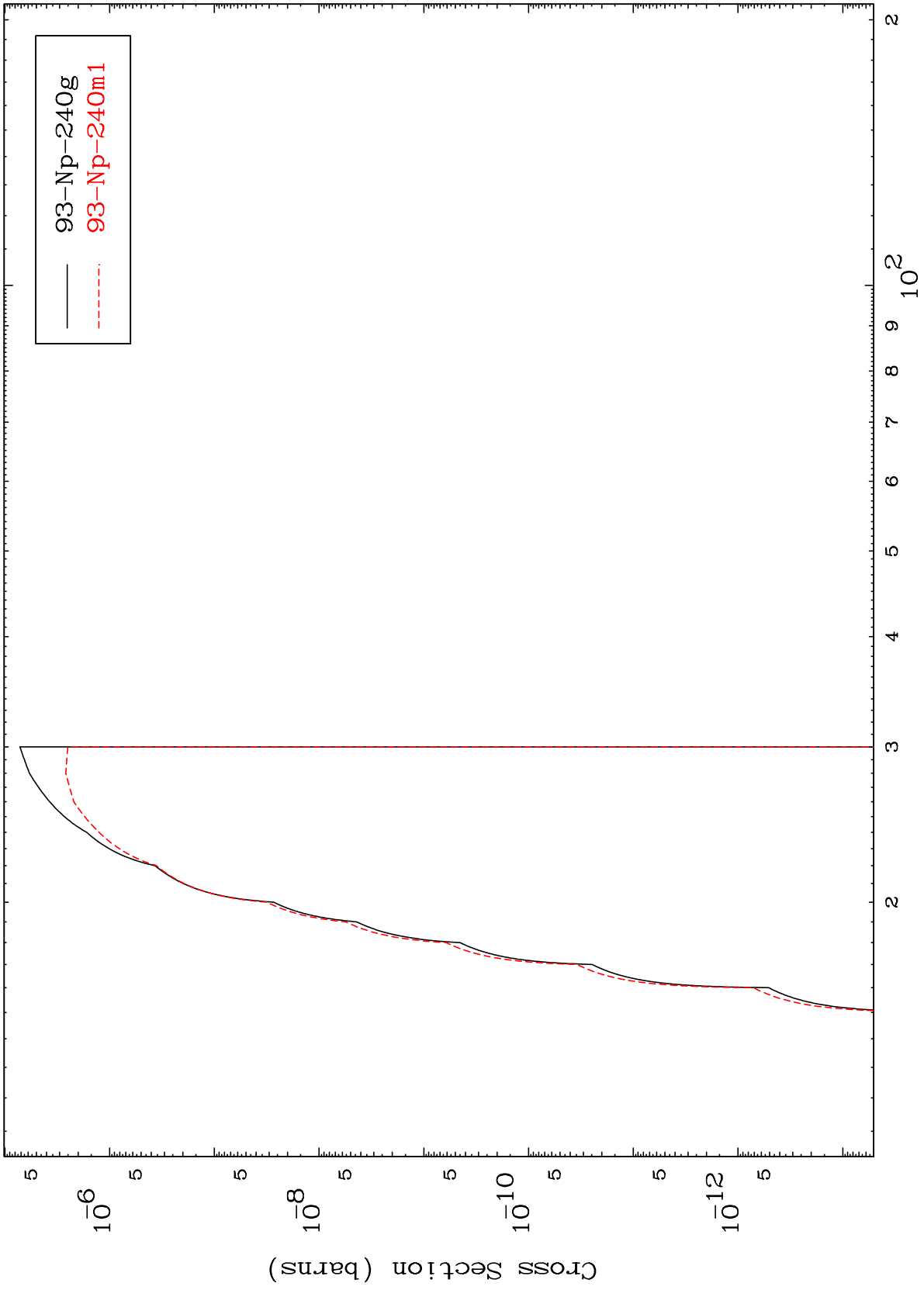
94-Pu-242

Incident Energy (MeV)

MAT 9446

94-Pu-242

(γ, d)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

94-Pu-242