

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

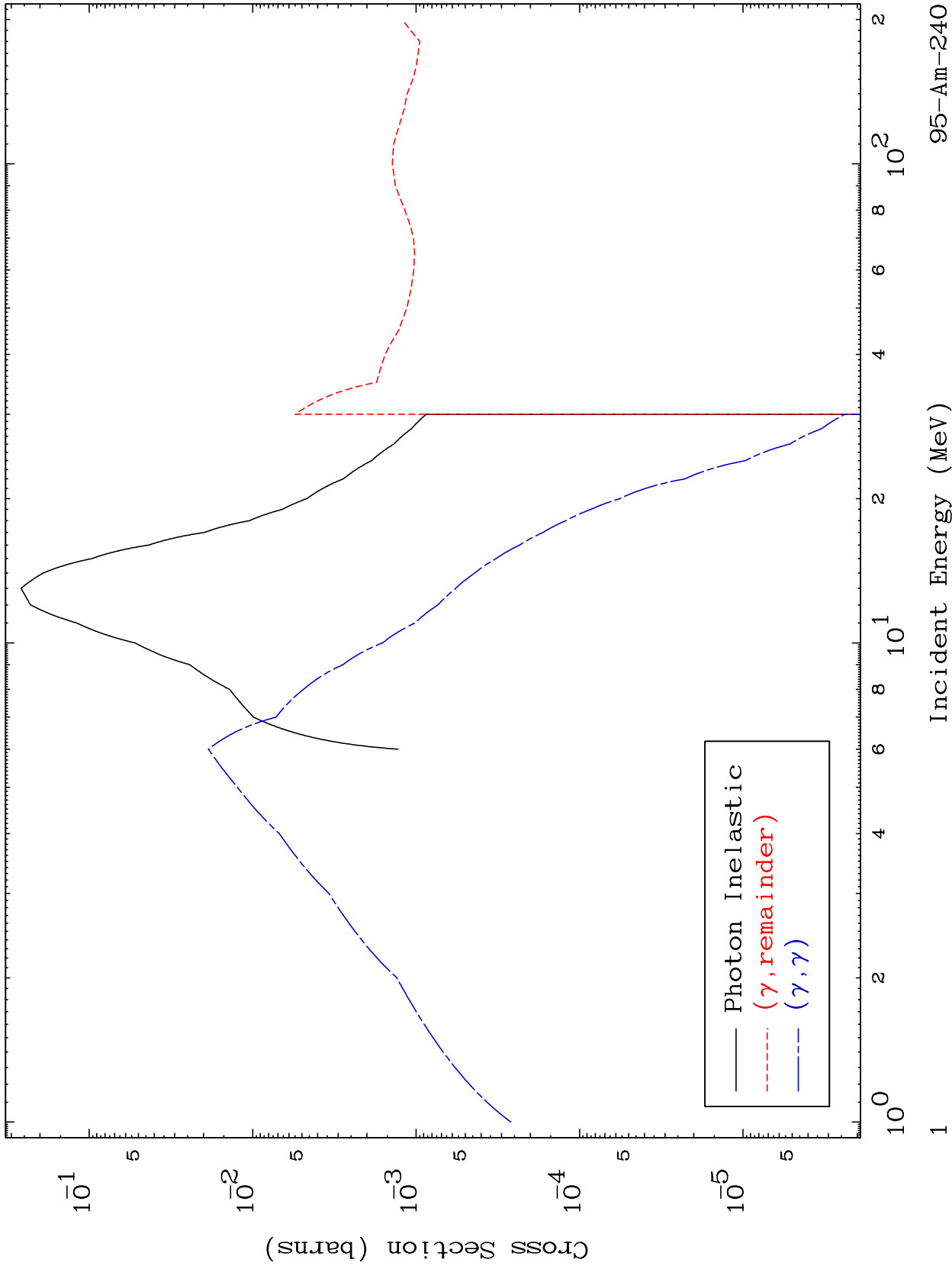
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9540

Photon Major
0 Kelvin Cross Sections

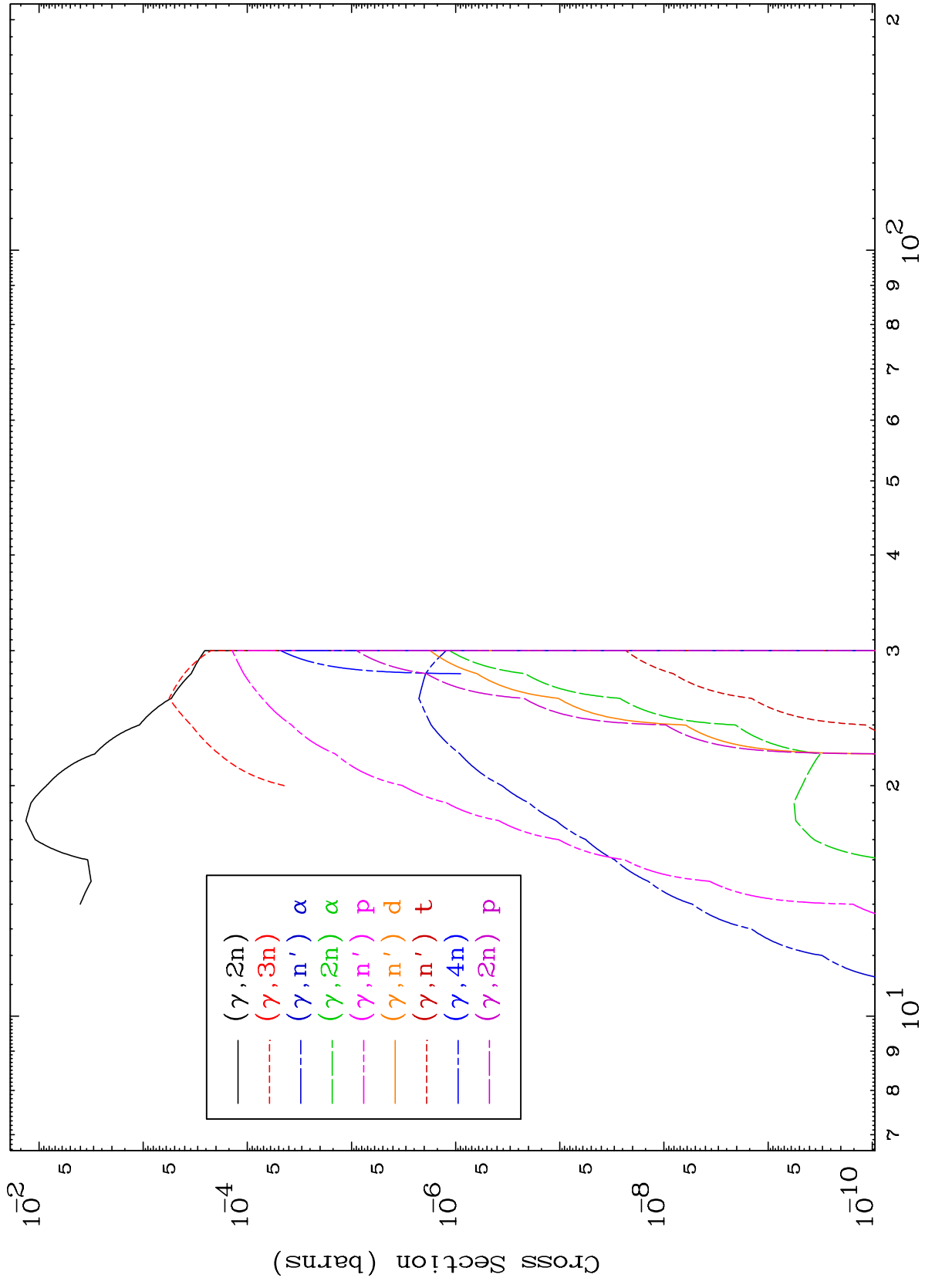
95-Am-240



MAT 9540

Photon Neutron Production
0 Kelvin Cross Sections

95-Am-240



2

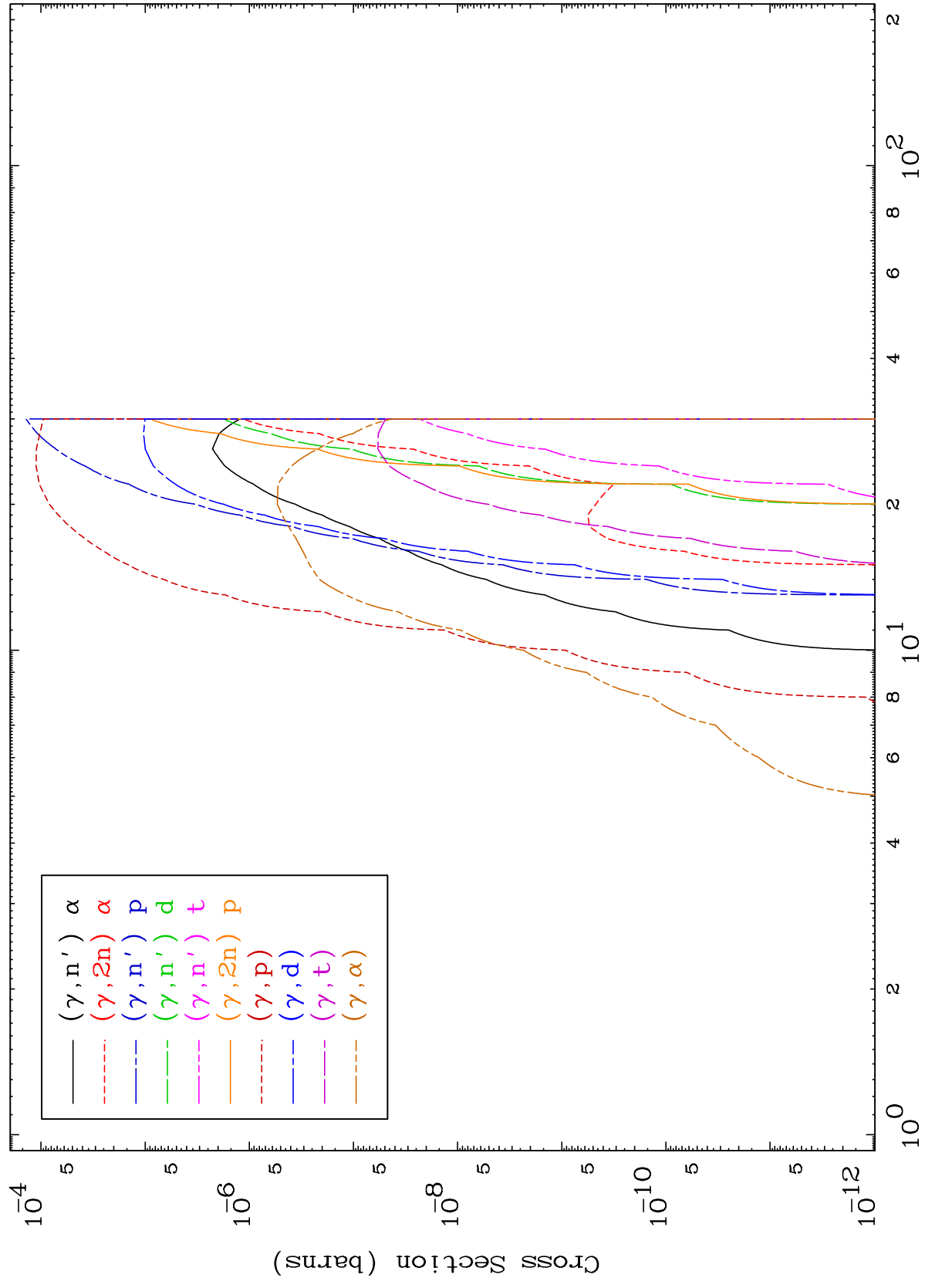
Incident Energy (MeV)

95-Am-240

MAT 9540

Photon Charged Particle
0 Kelvin Cross Sections

95-Am-240



95-Am-240

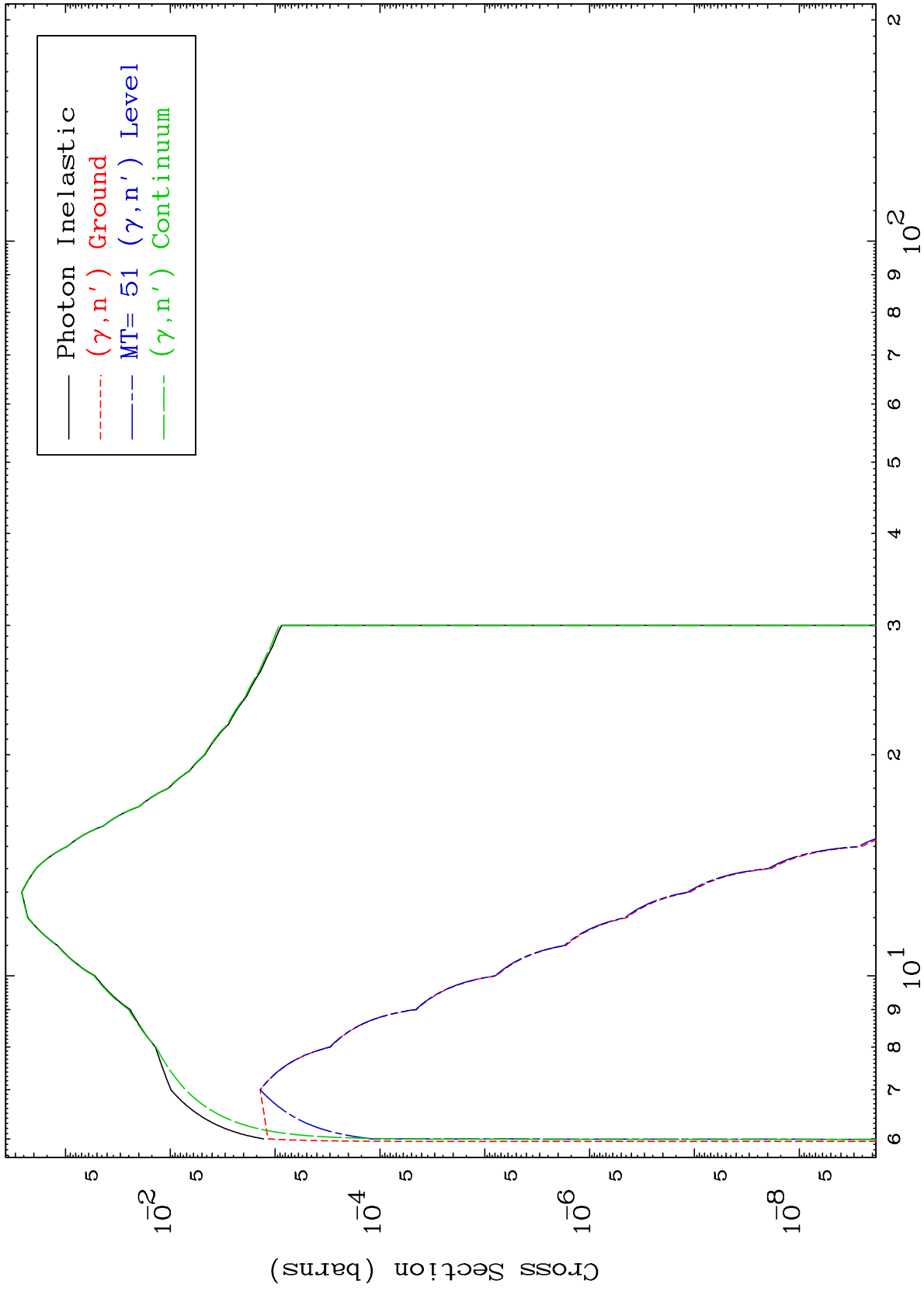
Incident Energy (MeV)

3

MAT 9540

(γ, n') Level
0 Kelvin Cross Sections

95-Am-240



4

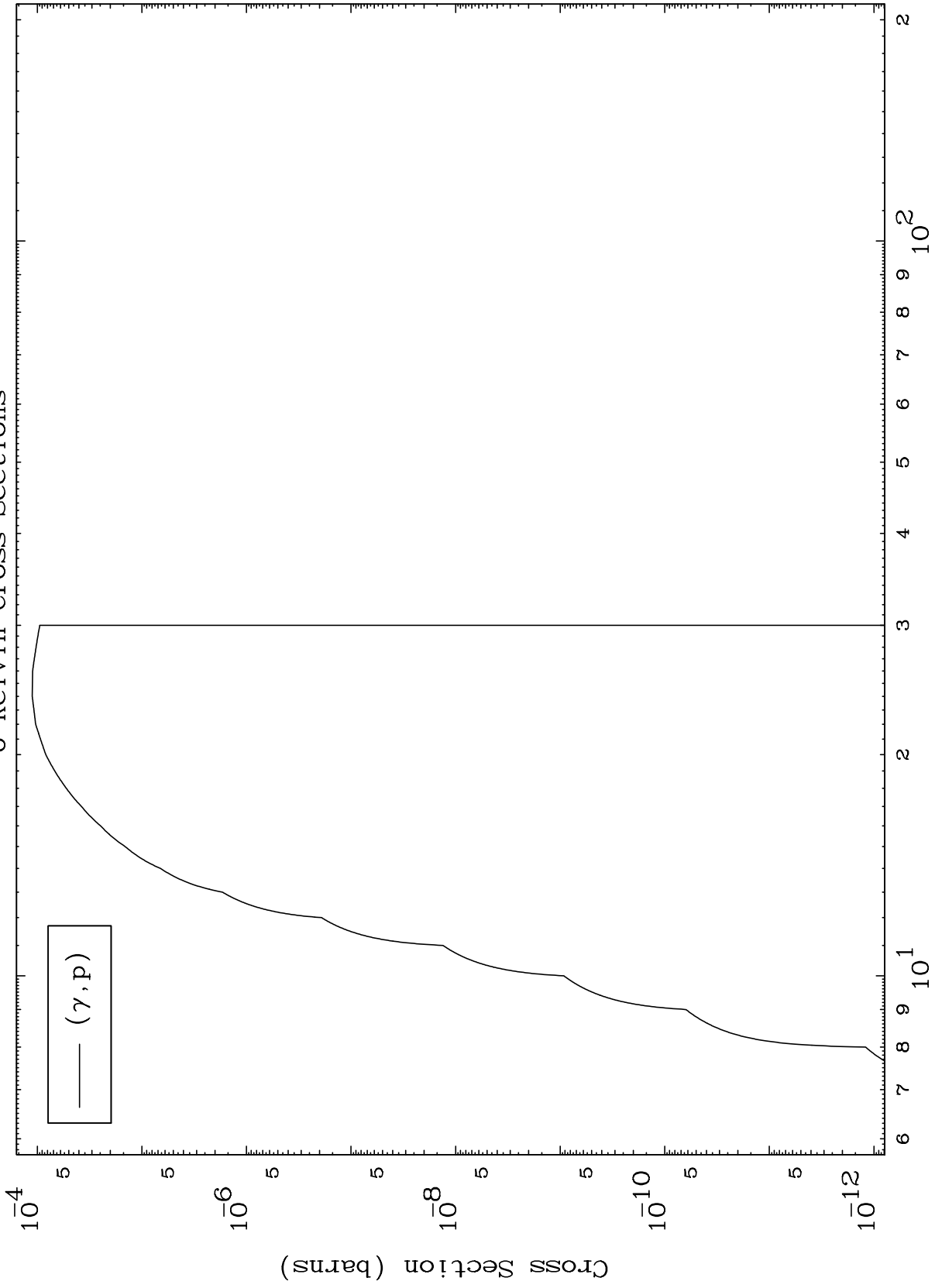
Incident Energy (MeV)

95-Am-240

MAT 9540

95-Am-240

(γ, p) Levels
0 Kelvin Cross Sections



5

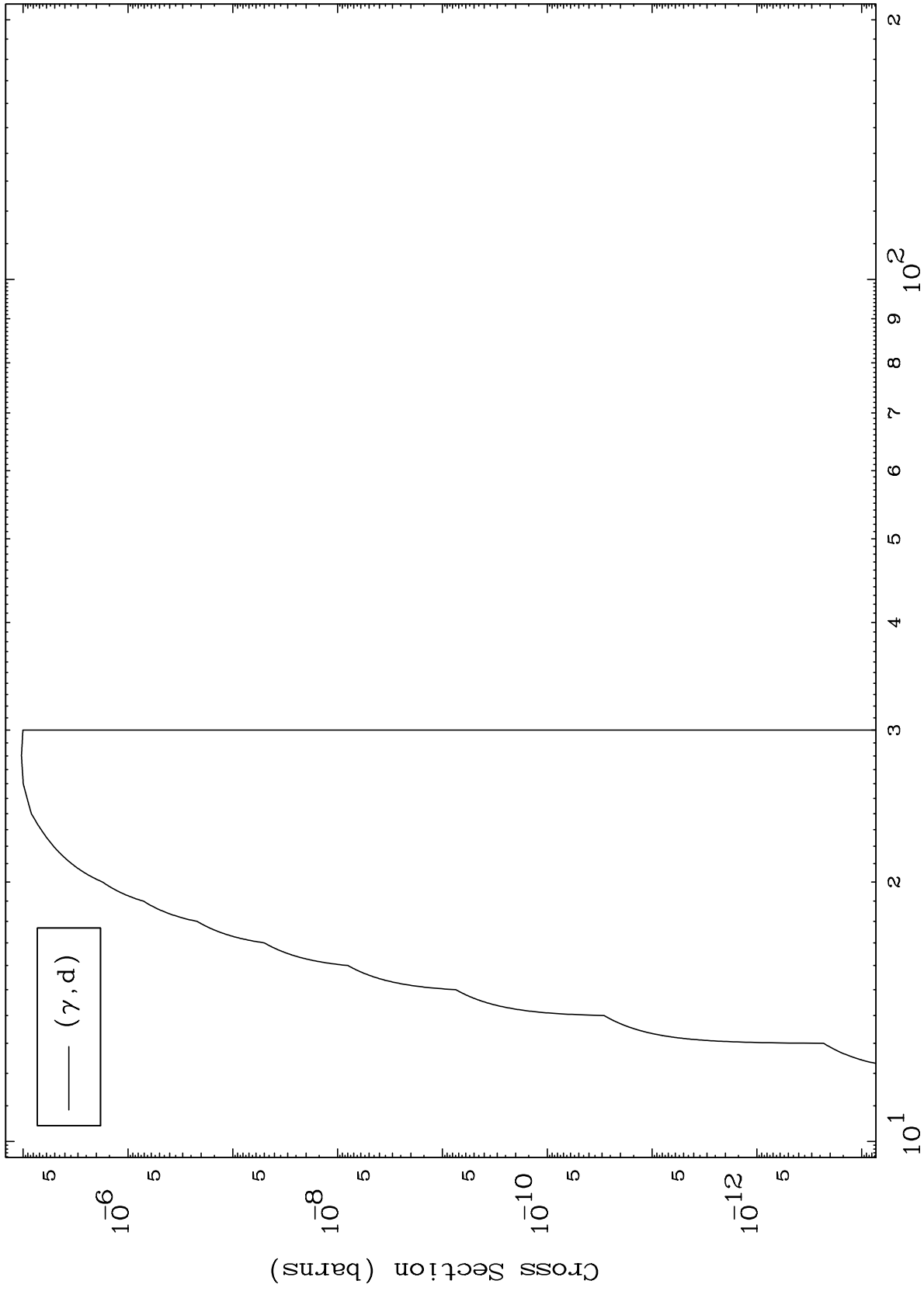
Incident Energy (MeV)

95-Am-240

MAT 9540

(γ, d) Levels
0 Kelvin Cross Sections

95-Am-240



Incident Energy (MeV)

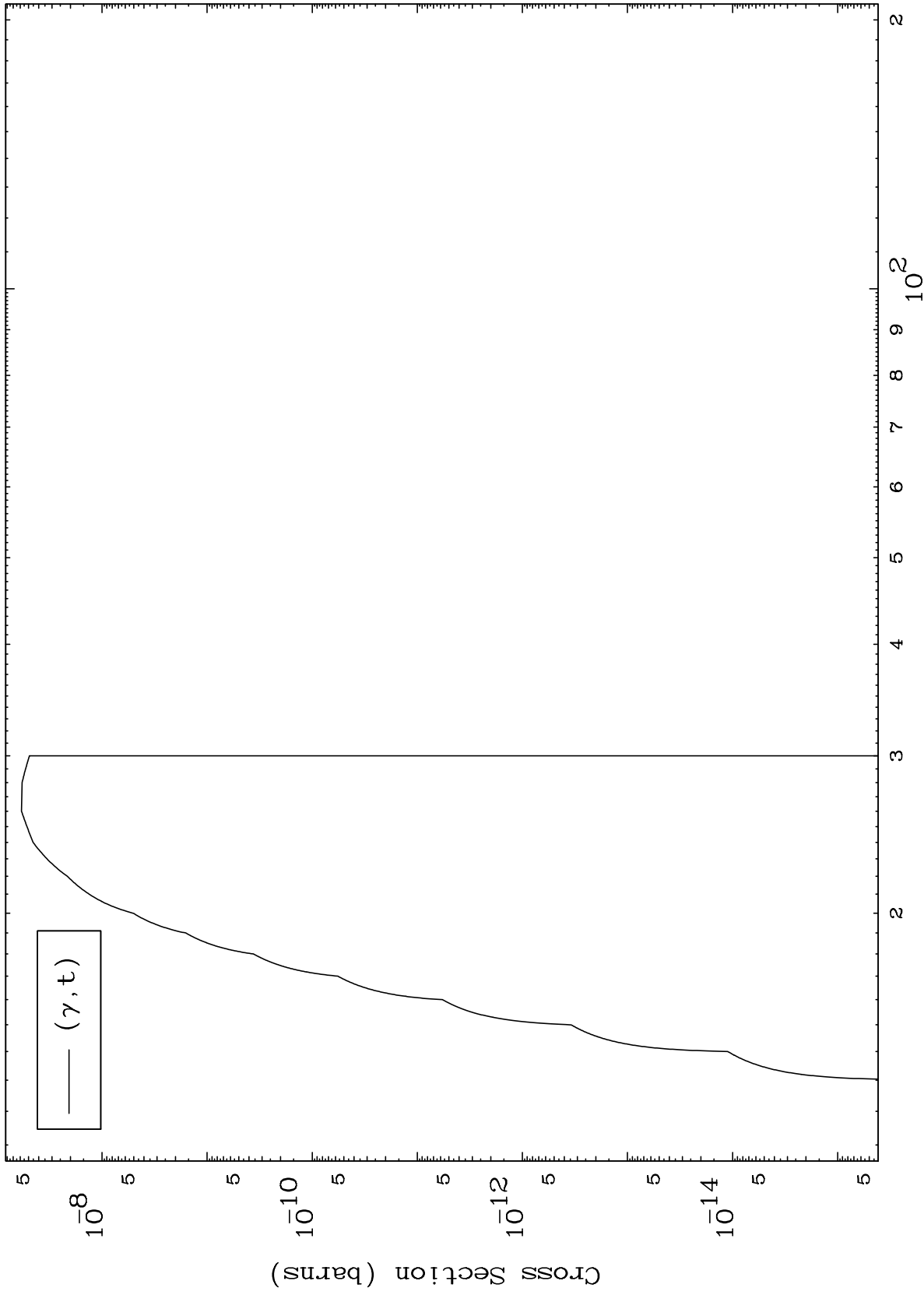
95-Am-240

6

MAT 9540

(γ, t) Levels
0 Kelvin Cross Sections

95-Am-240



7

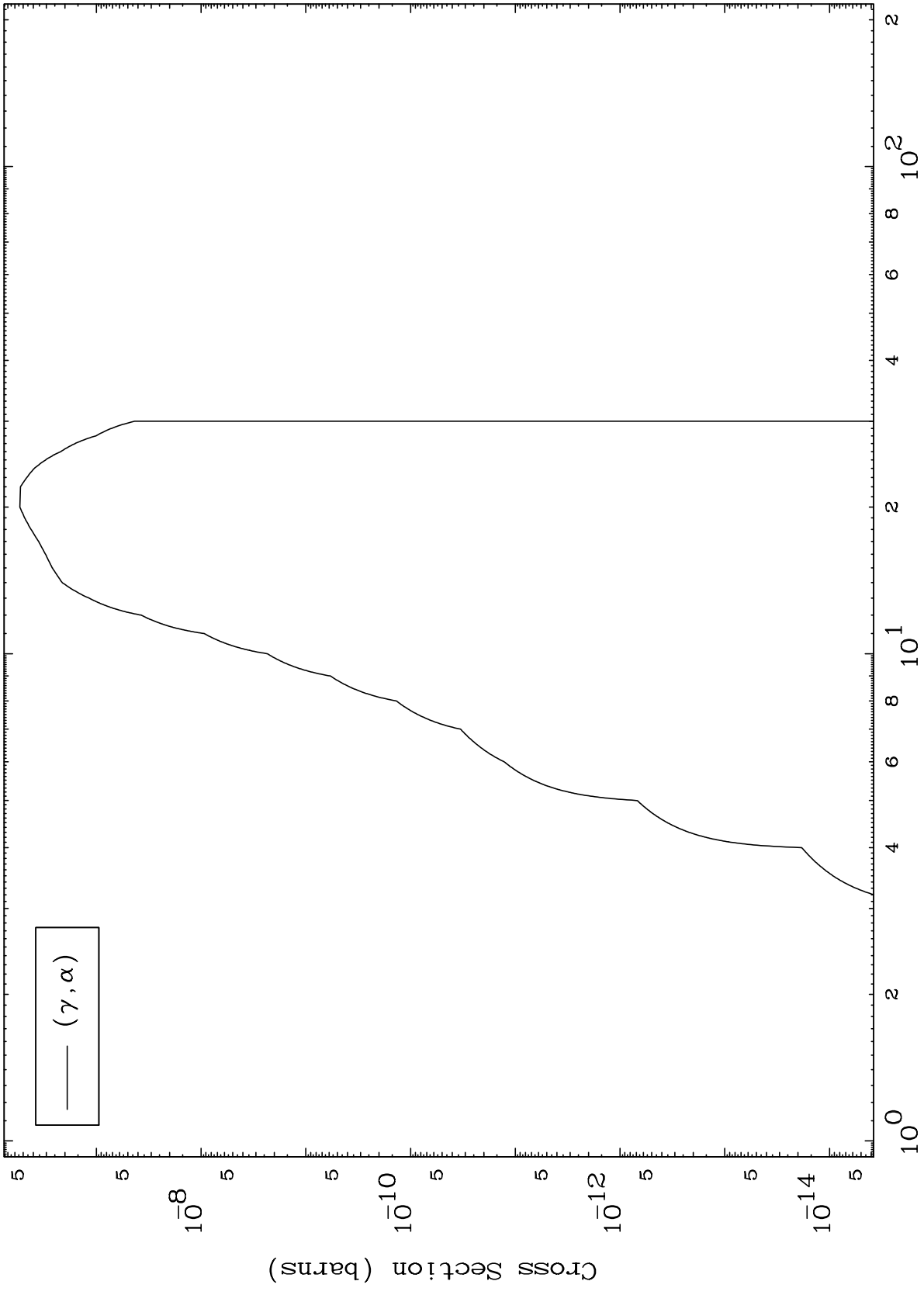
Incident Energy (MeV)

95-Am-240

MAT 9540

(γ, α) Levels
0 Kelvin Cross Sections

95-Am-240



(γ, α)

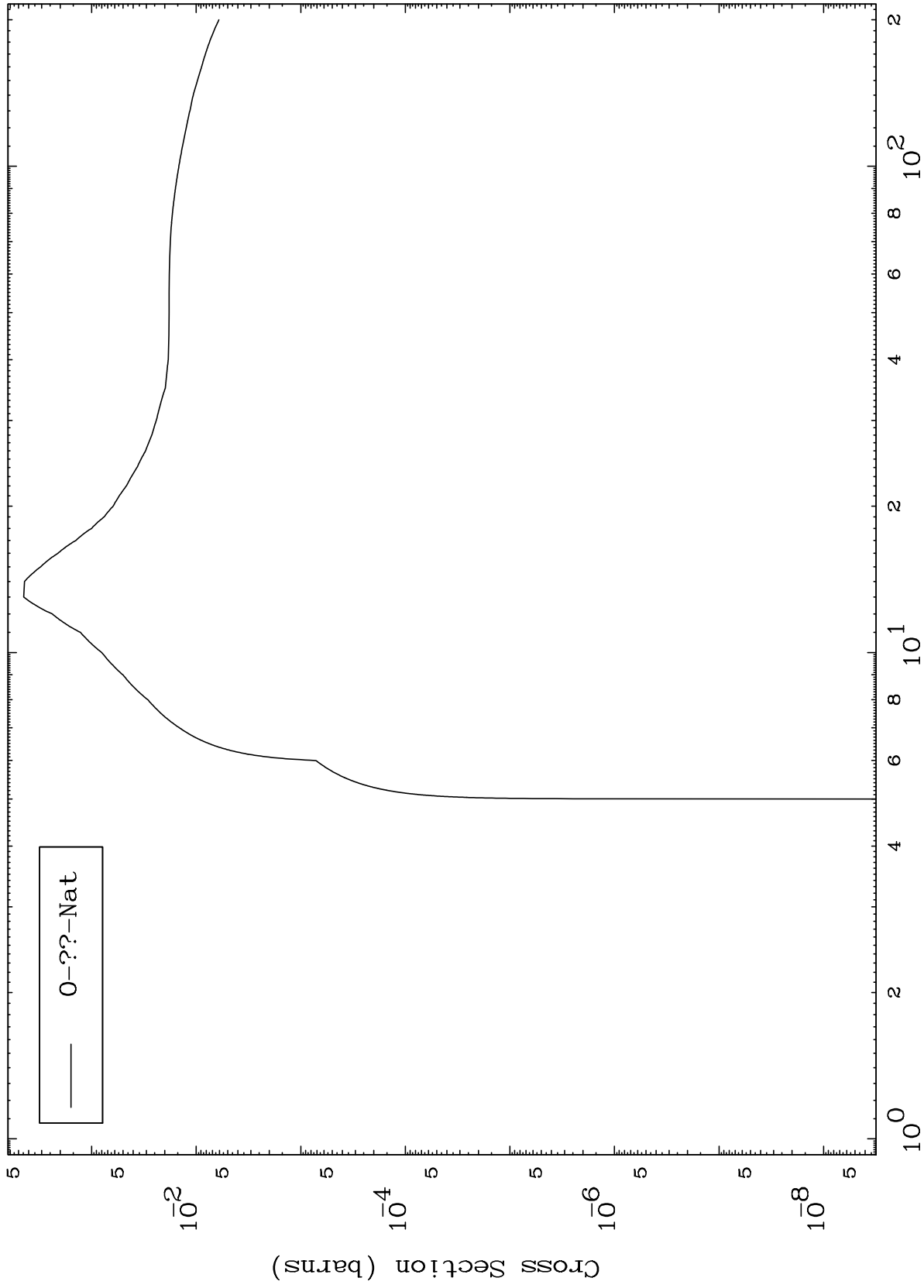
Incident Energy (MeV)

95-Am-240

MAT 9540

95-Am-240

Photon Fission
Radionuclide Production Cross Section



Incident Energy (MeV)

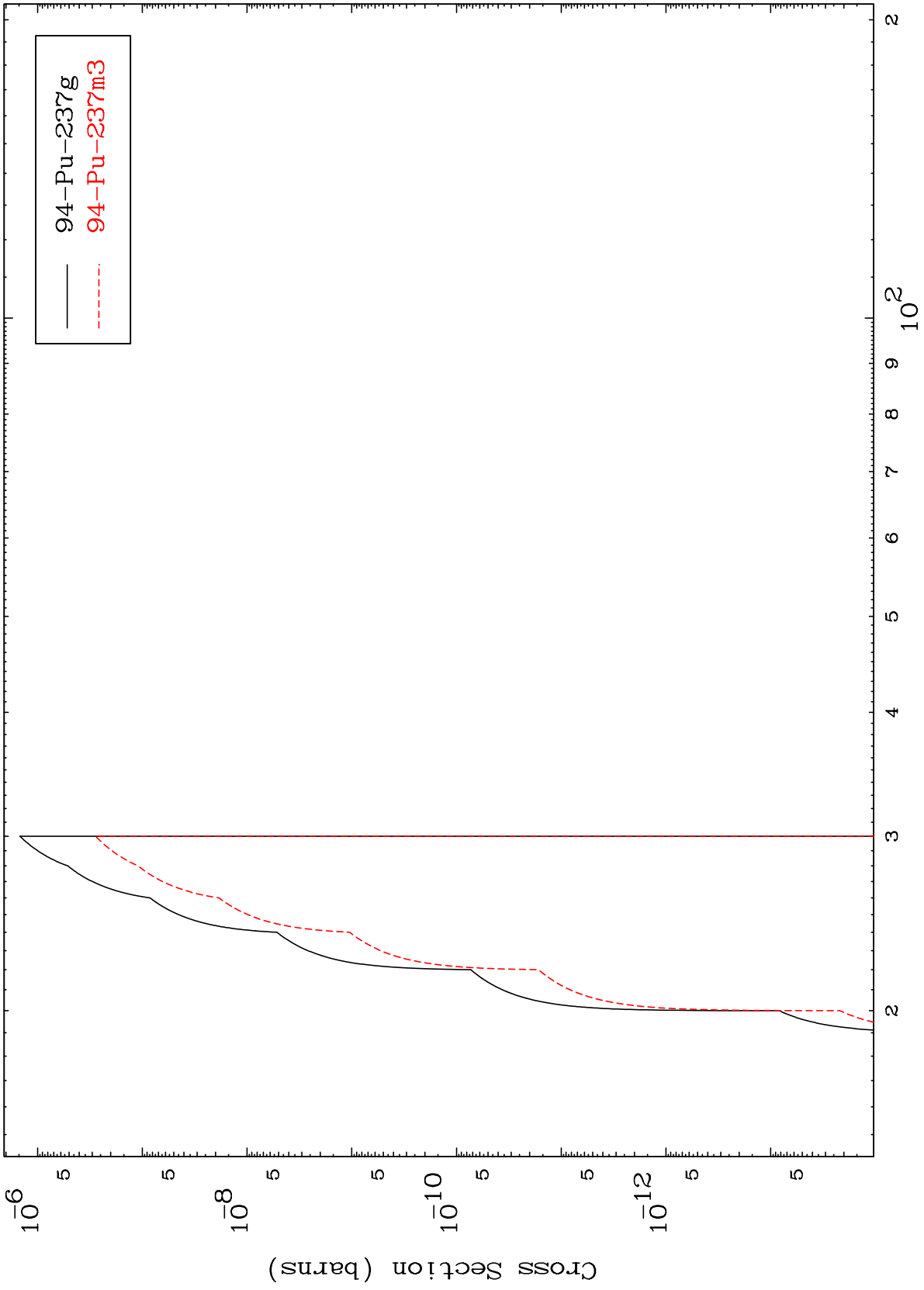
95-Am-240

MAT 9540

(γ, n') d

95-Am-240

Radionuclide Production Cross Section



10

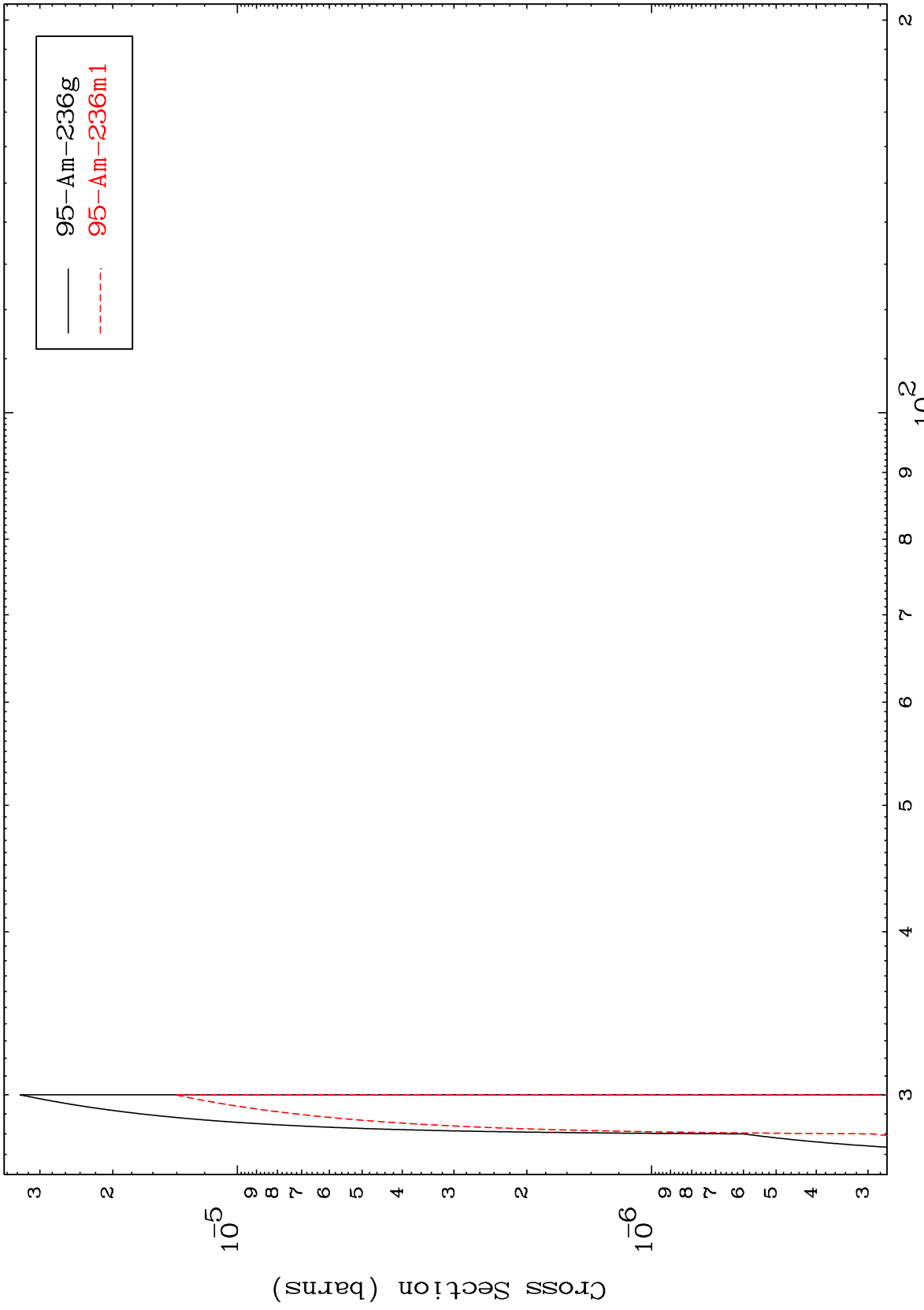
Incident Energy (MeV)

95-Am-240

MAT 9540

95-Am-240

($\gamma, 4n$)
Radionuclide Production Cross Section



11

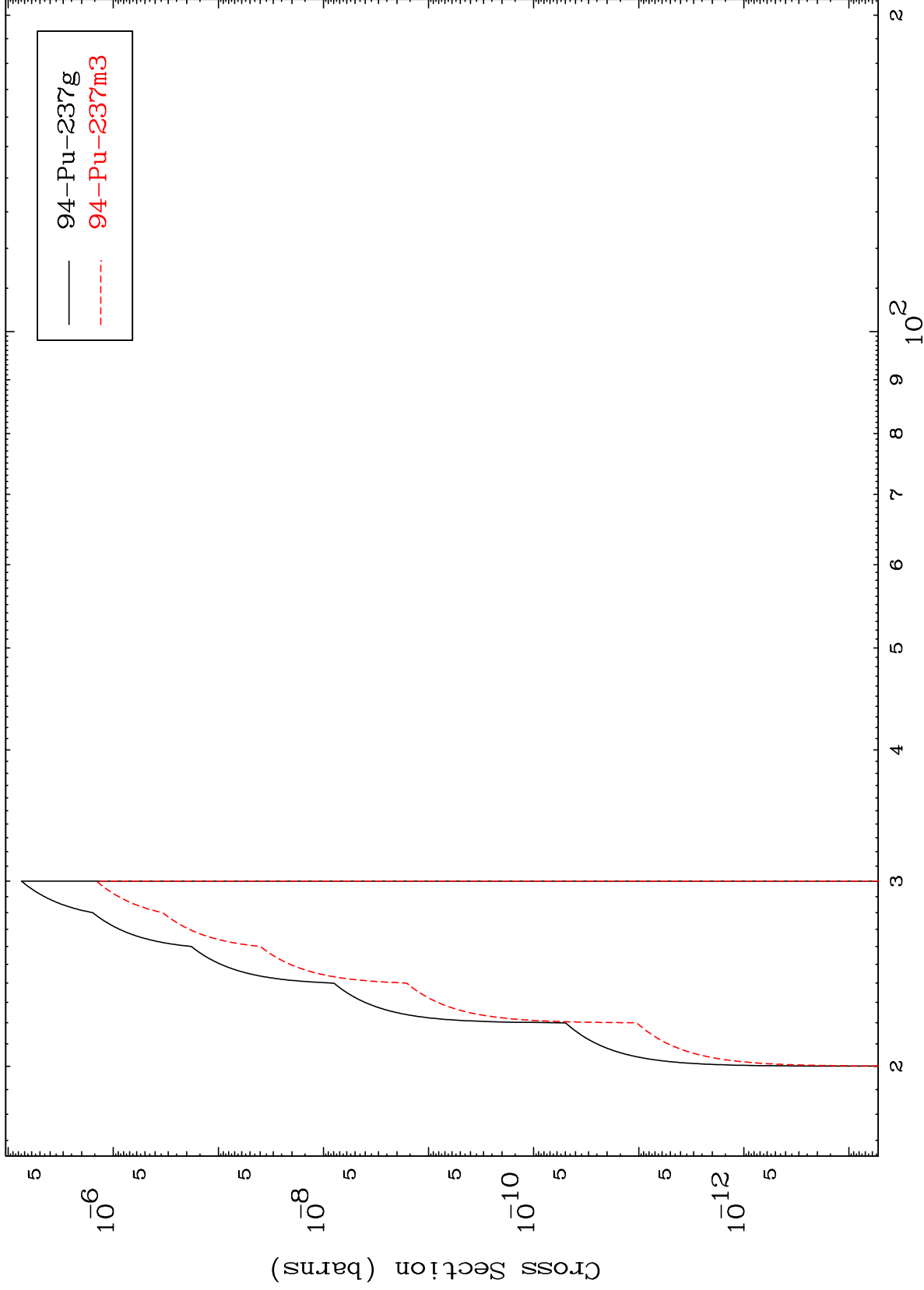
95-Am-240

MAT 9540

($\gamma, 2n$) p

95-Am-240

Radionuclide Production Cross Section



12

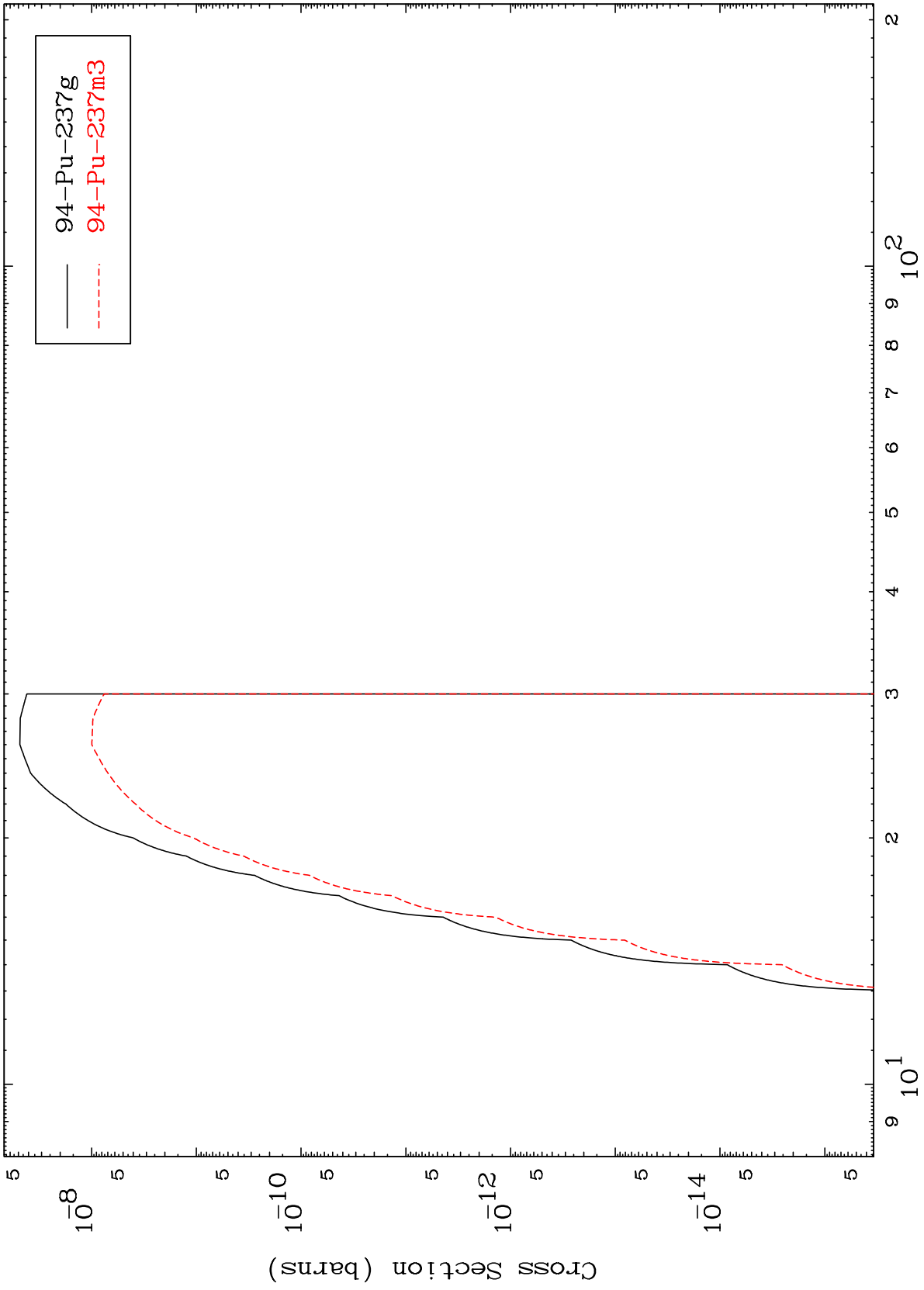
Incident Energy (MeV)

95-Am-240

MAT 9540

95-Am-240

Radionuclide Production Cross Section
(γ, t)



13

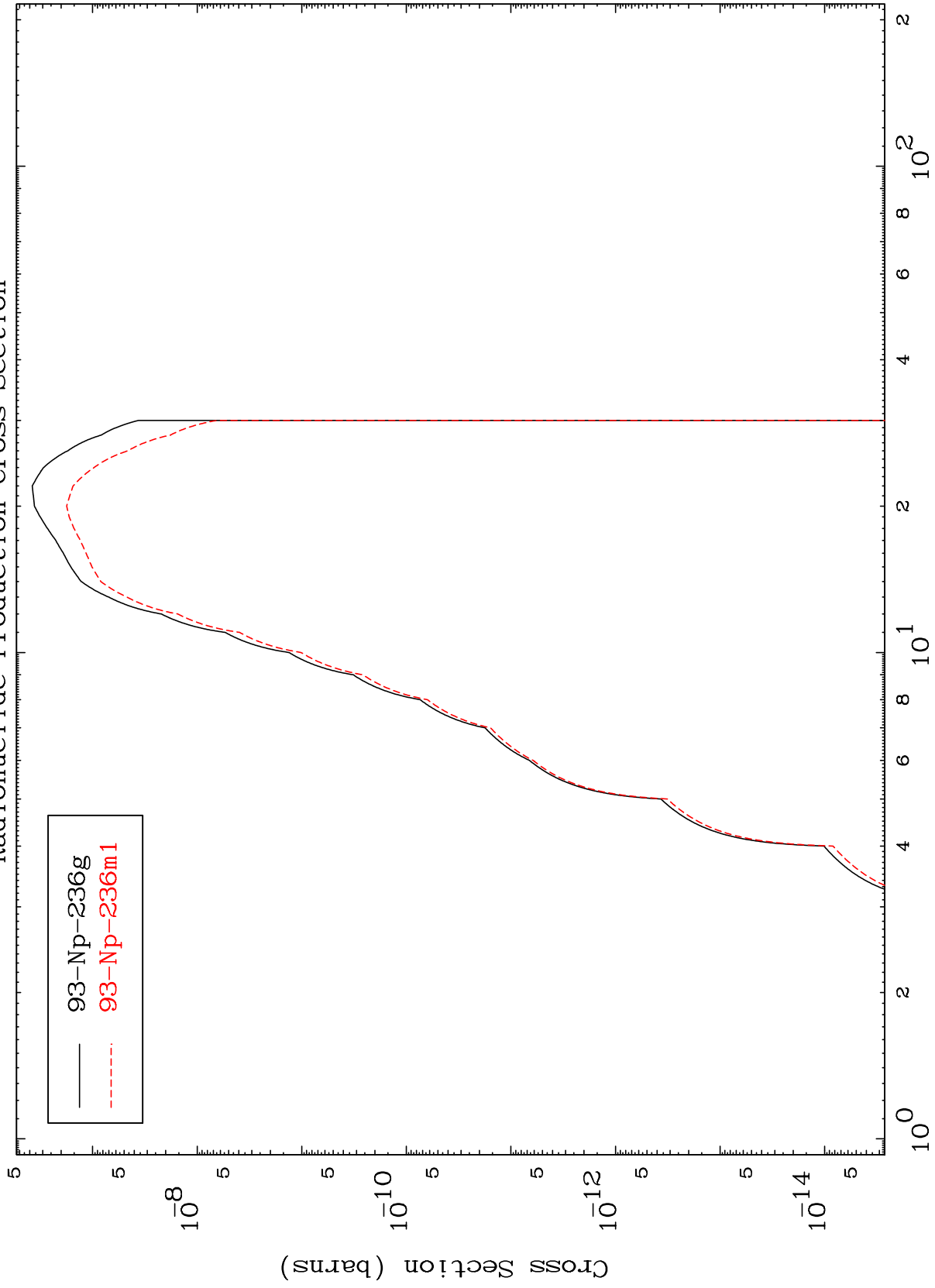
Incident Energy (MeV)

95-Am-240

MAT 9540

95-Am-240

Radionuclide Production Cross Section
(γ, α)



14

Incident Energy (MeV)

95-Am-240