

Program EVALPLOT
(Version 2017-1)

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

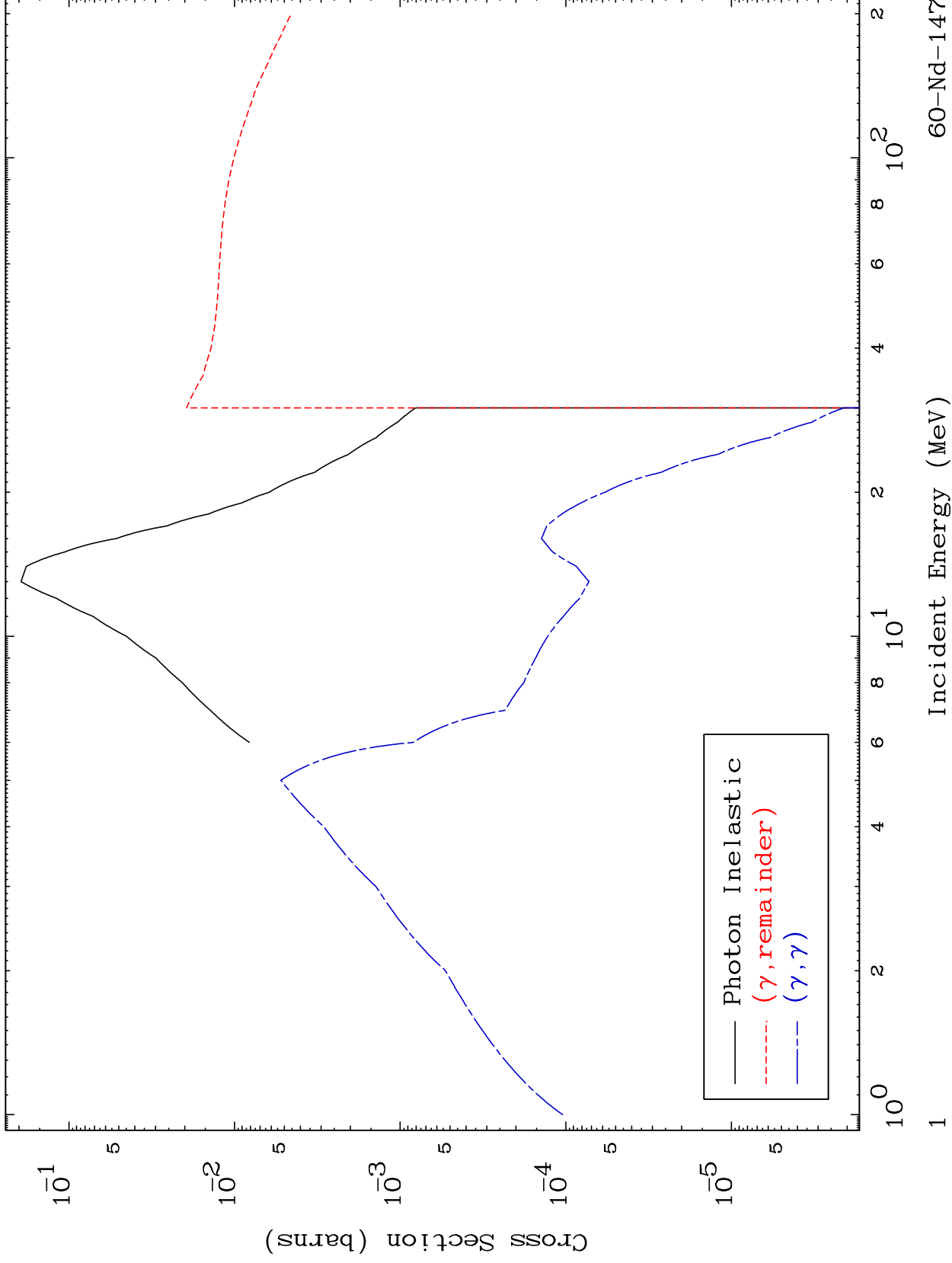
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6040

Photon Major
0 Kelvin Cross Sections

60-Nd-147



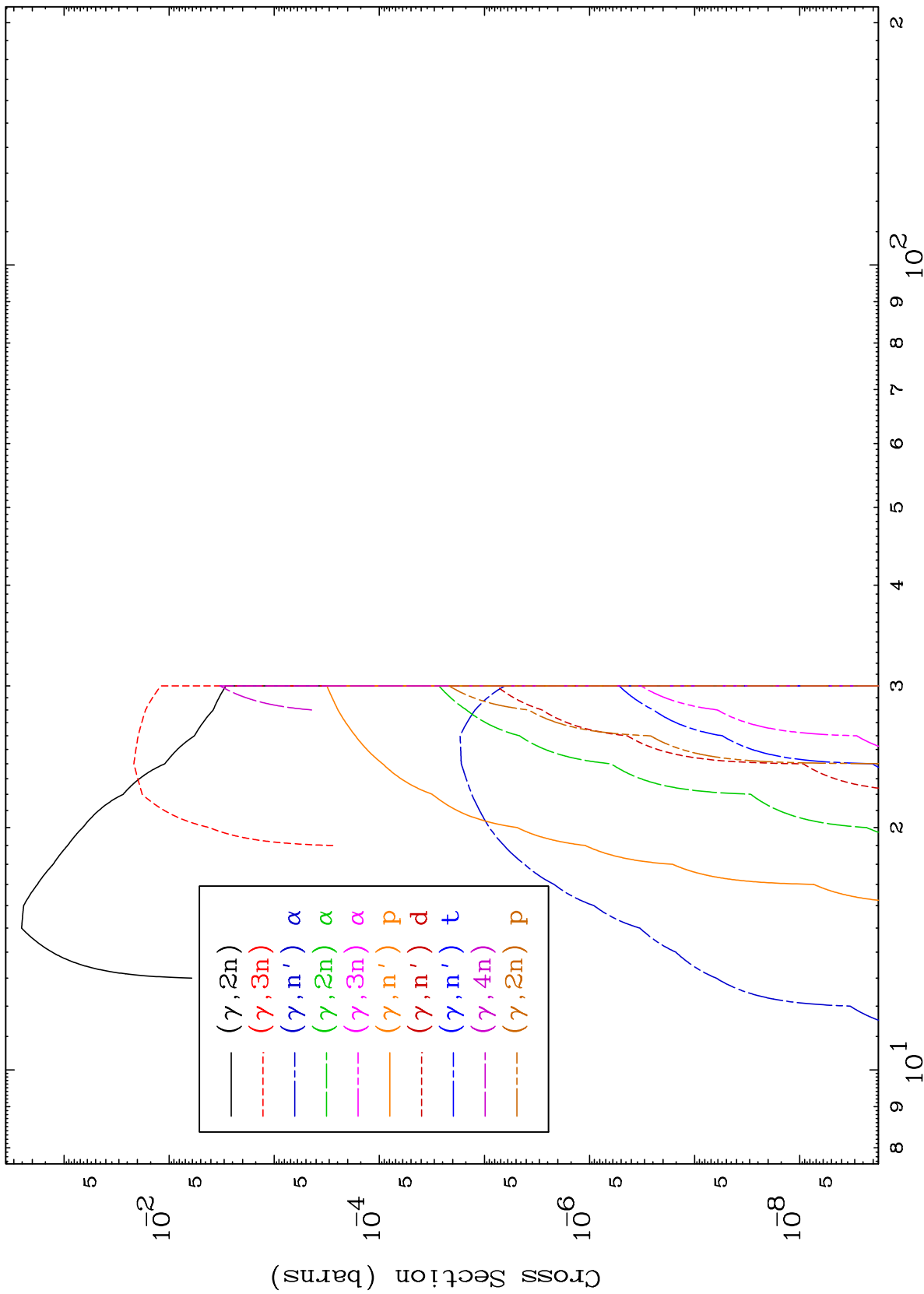
60-Nd-147

Incident Energy (MeV)

MAT 6040

Photon Neutron Production
0 Kelvin Cross Sections

60-Nd-147



60-Nd-147

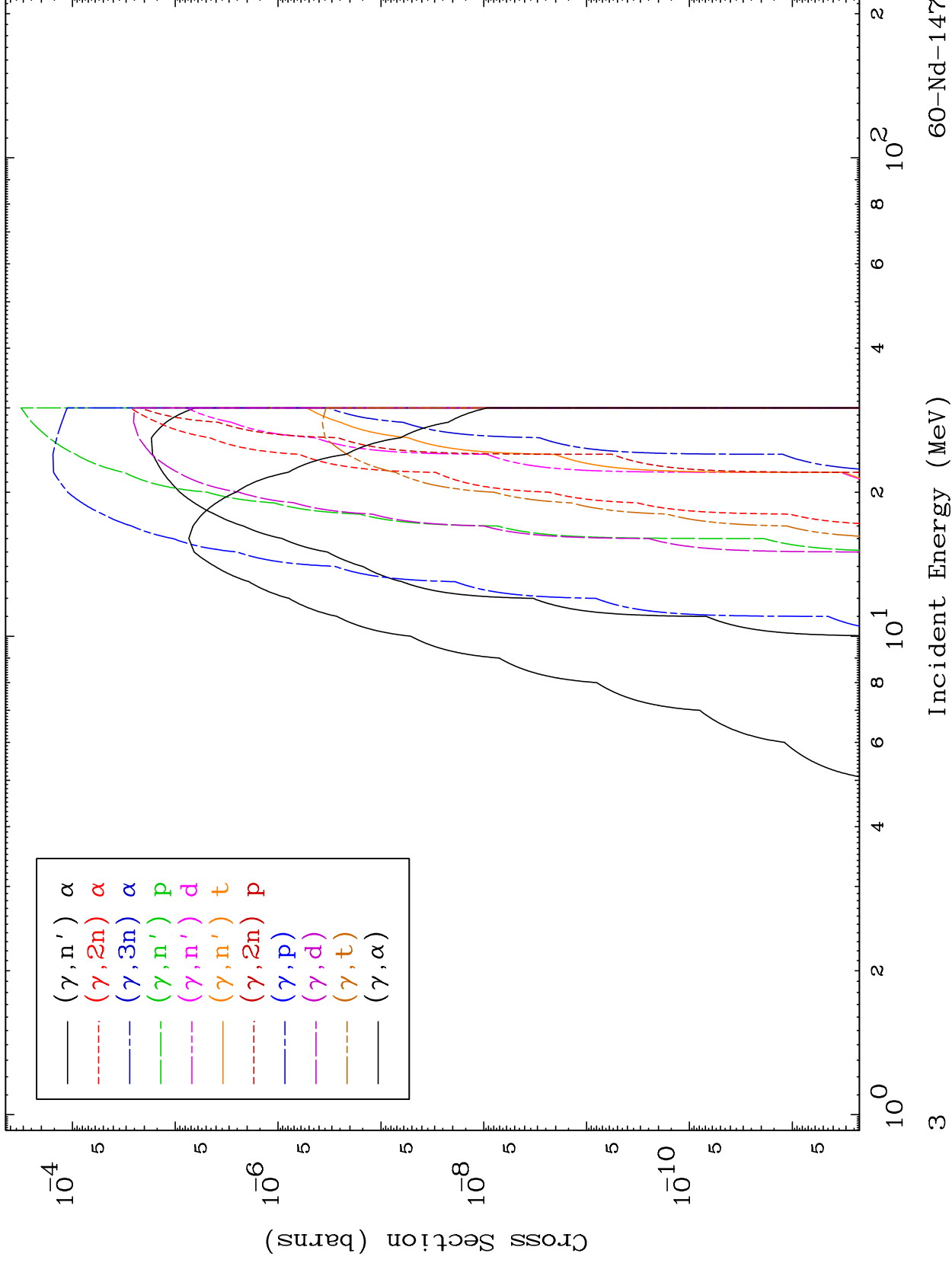
Incident Energy (MeV)

2

MAT 6040

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-147

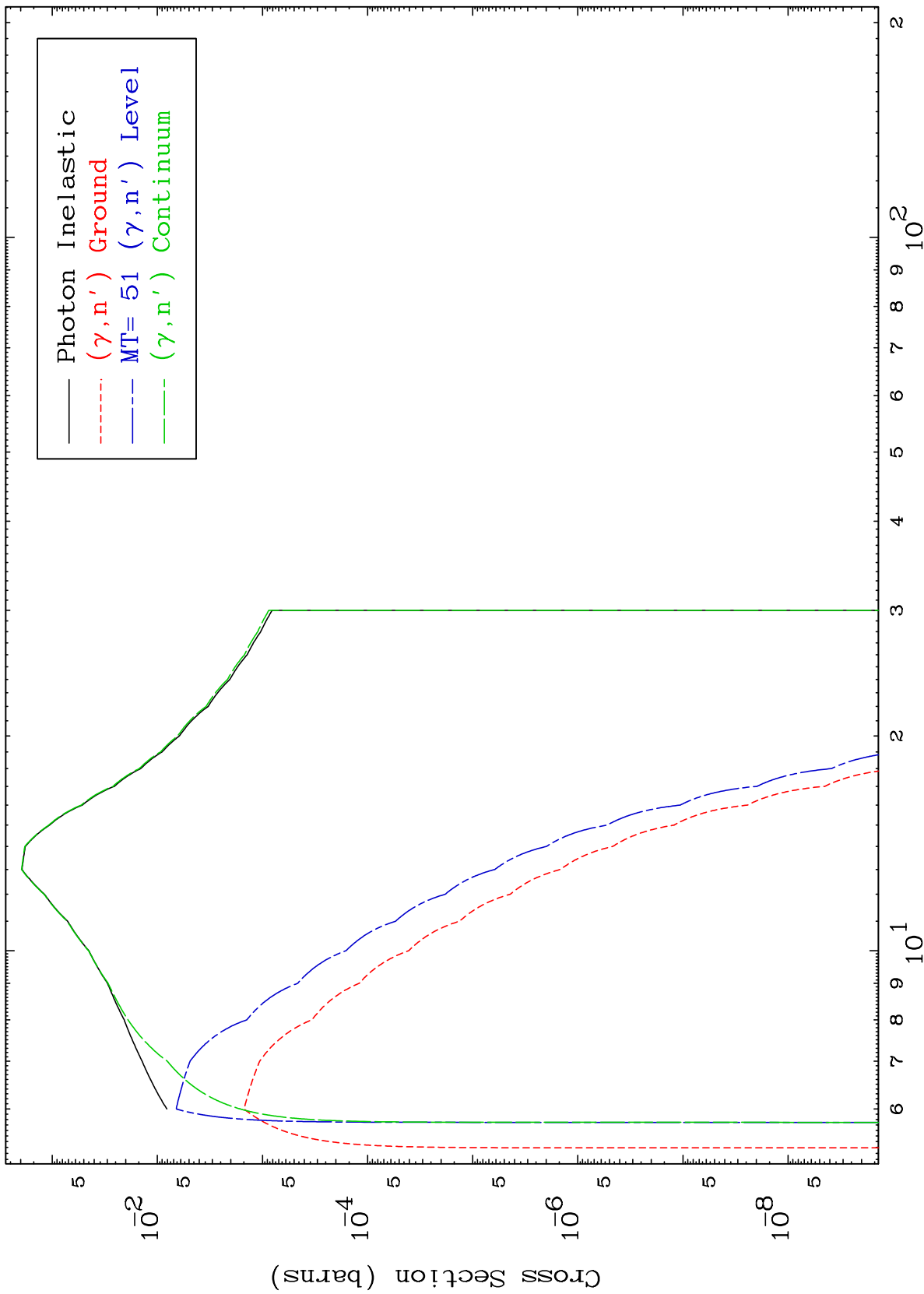


MAT 6040

(γ, n') Level

60-Nd-147

0 Kelvin Cross Sections



4

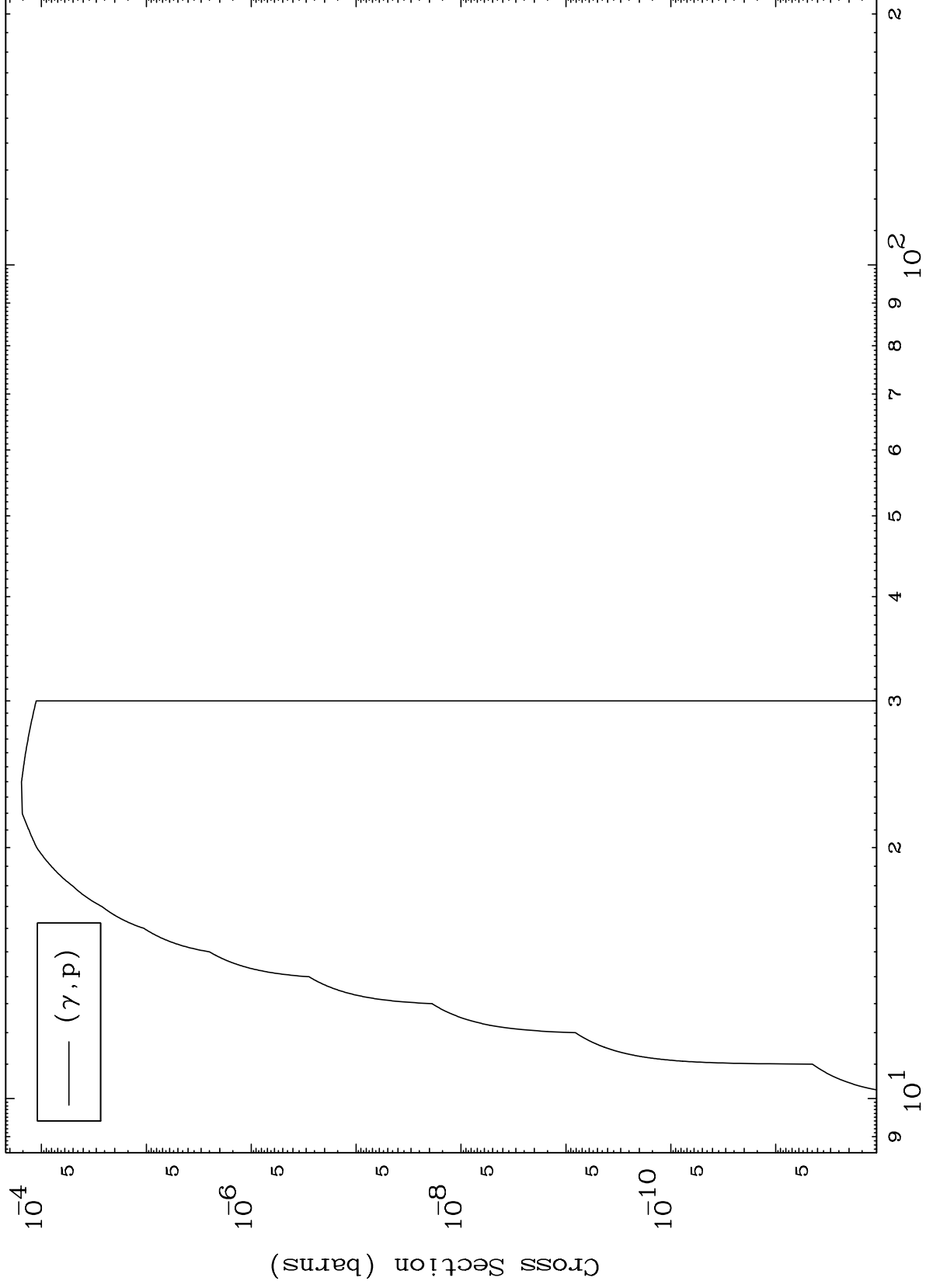
Incident Energy (MeV)

60-Nd-147

MAT 6040

(γ, p) Levels
0 Kelvin Cross Sections

60-Nd-147



Incident Energy (MeV)

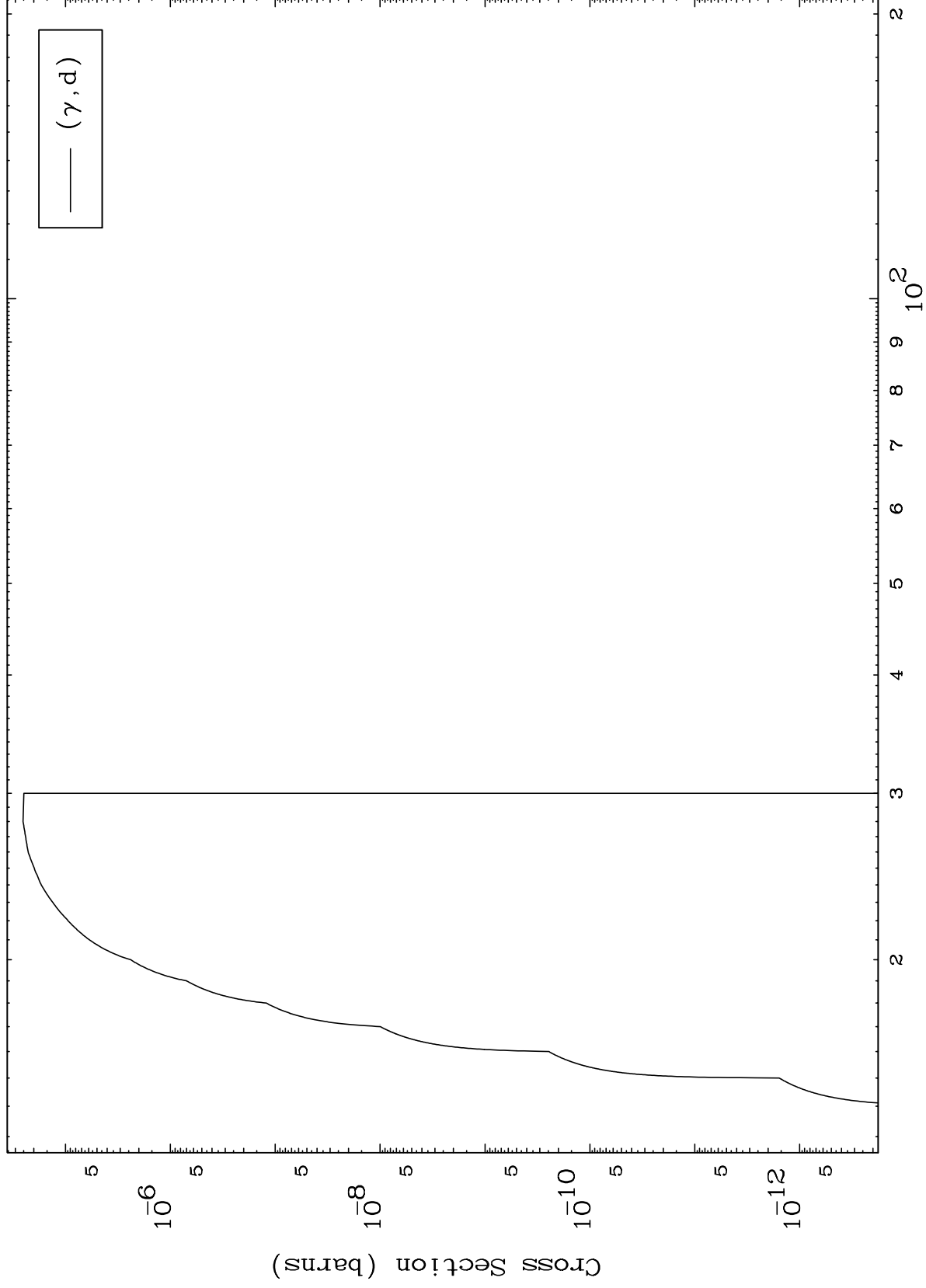
60-Nd-147

5

MAT 6040

(γ, d) Levels
0 Kelvin Cross Sections

60-Nd-147



60-Nd-147

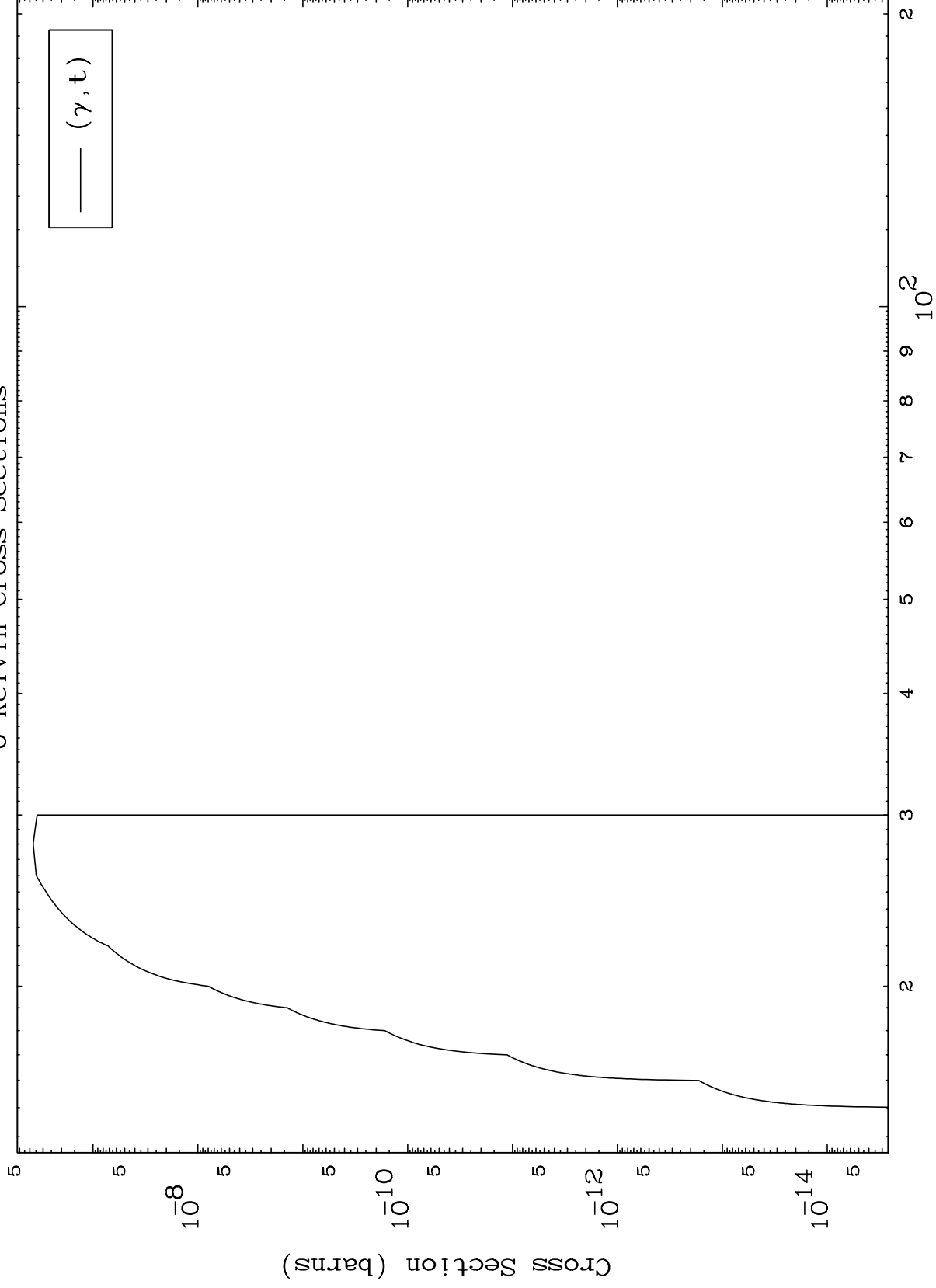
Incident Energy (MeV)

6

MAT 6040

(γ, t) Levels
0 Kelvin Cross Sections

60-Nd-147



7

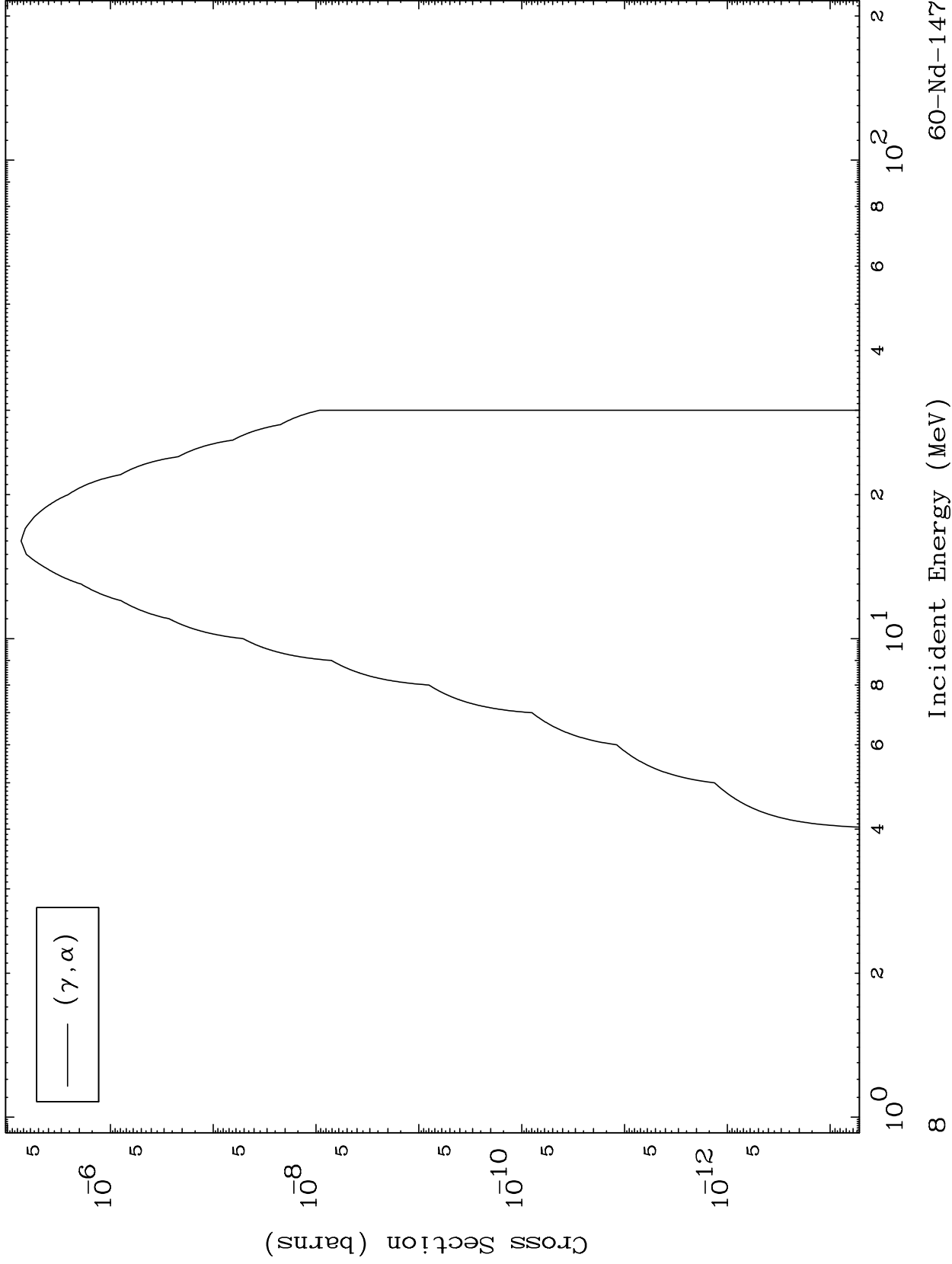
Incident Energy (MeV)

60-Nd-147

MAT 6040

(γ, α) Levels
0 Kelvin Cross Sections

60-Nd-147



60-Nd-147

Incident Energy (MeV)

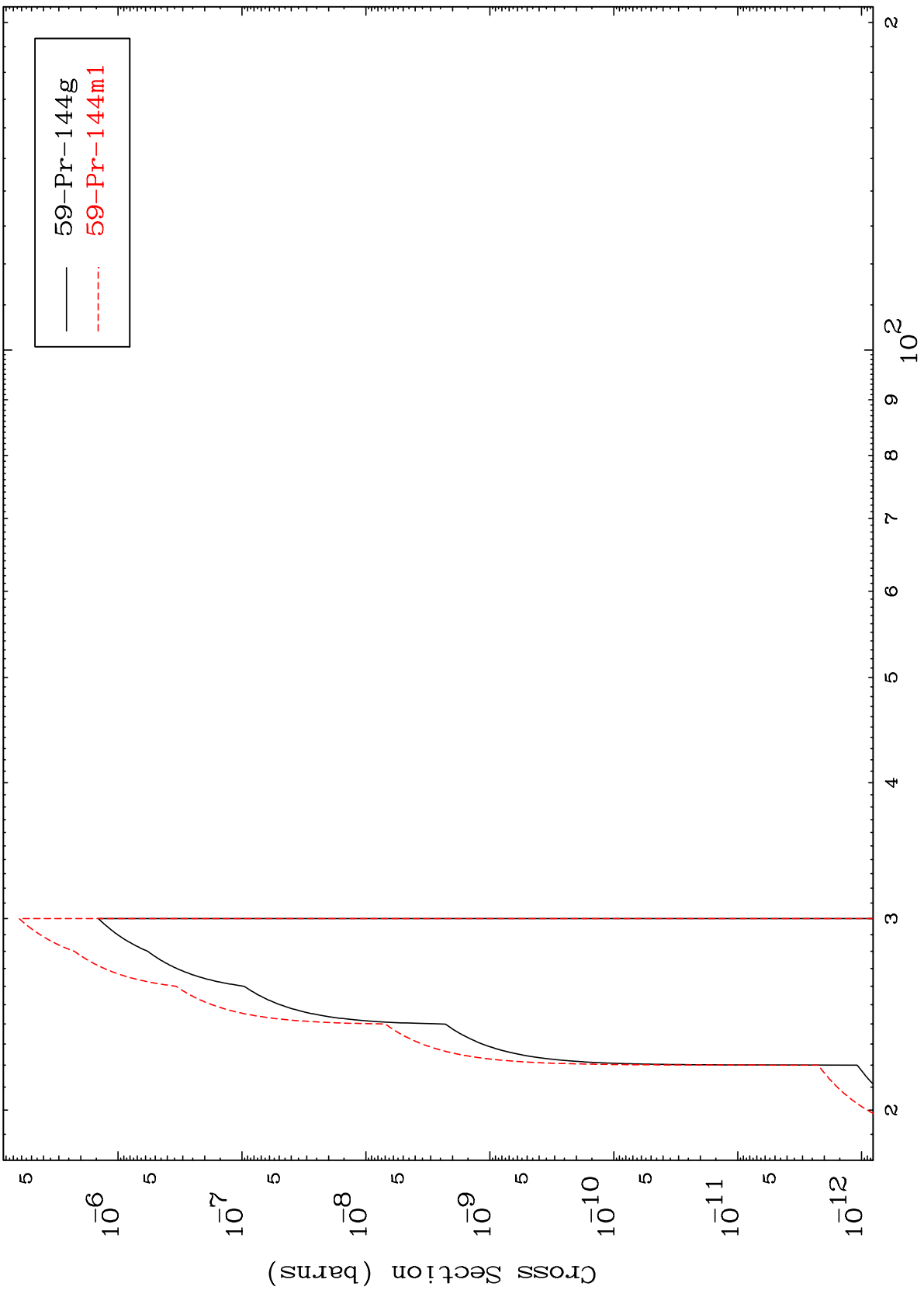
8

MAT 6040

(γ, n') d

60-Nd-147

Radionuclide Production Cross Section



9

Incident Energy (MeV)

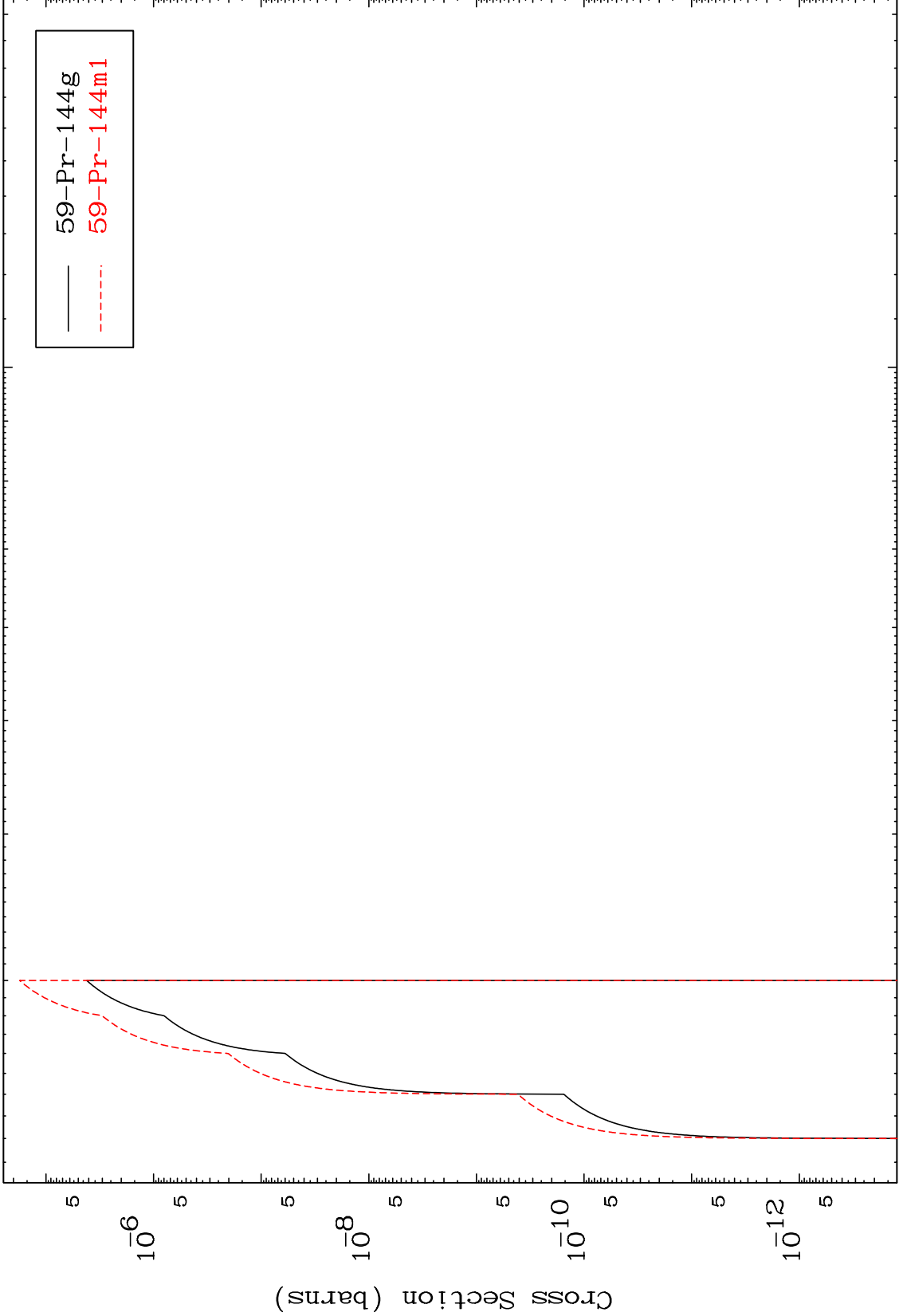
60-Nd-147

MAT 6040

($\gamma, 2n$) p

60-Nd-147

Radionuclide Production Cross Section



59-Pr-144g
59-Pr-144m1

10

Incident Energy (MeV)

60-Nd-147

MAT 6040

60-Nd-147

(γ, t)
Radionuclide Production Cross Section

