

Program EVALPLOT
(Version 2018-1)

by

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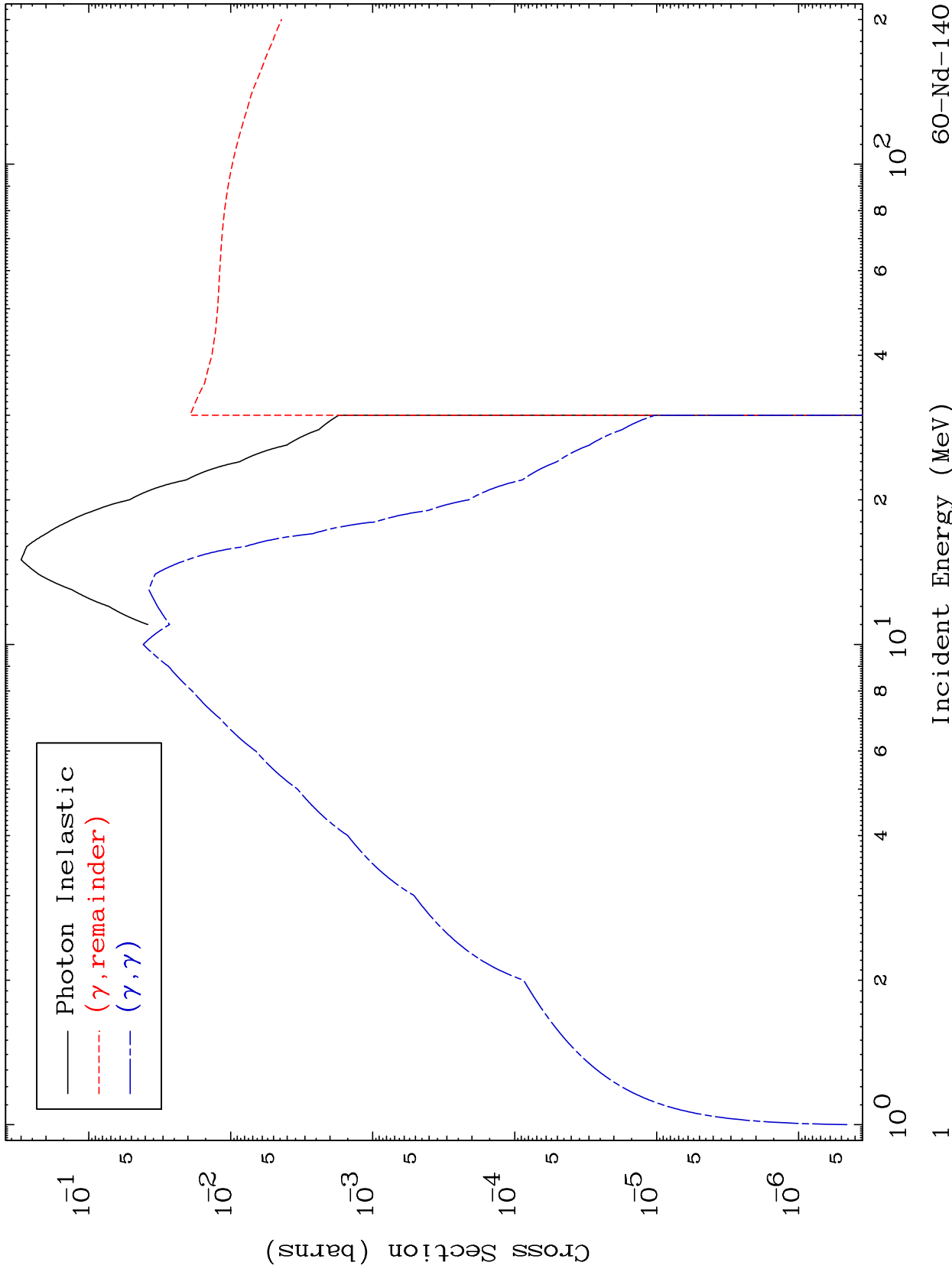
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6019

Photon Major
0 Kelvin Cross Sections

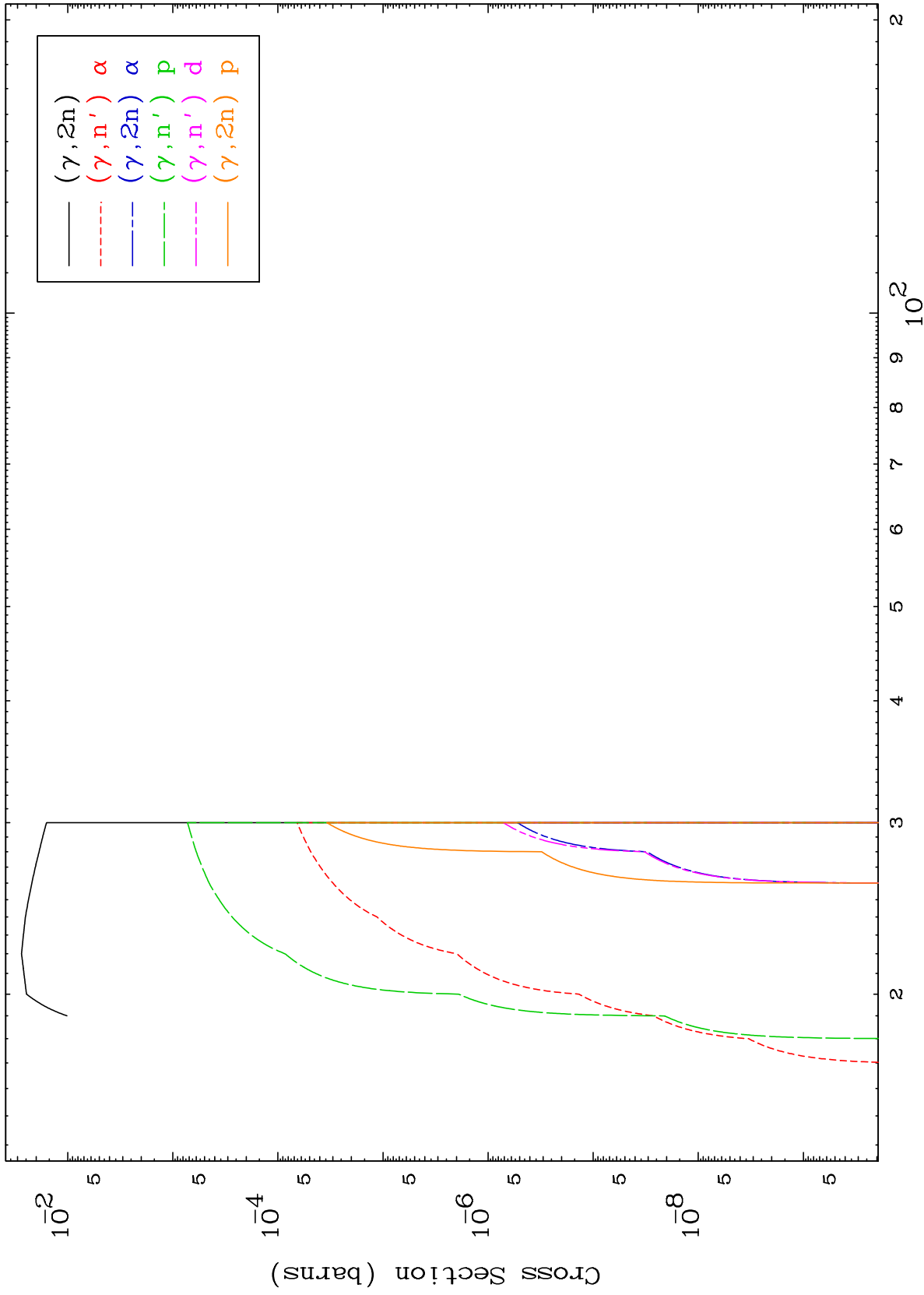
60-Nd-140



MAT 6019

Photon Neutron Production
0 Kelvin Cross Sections

60-Nd-140



2

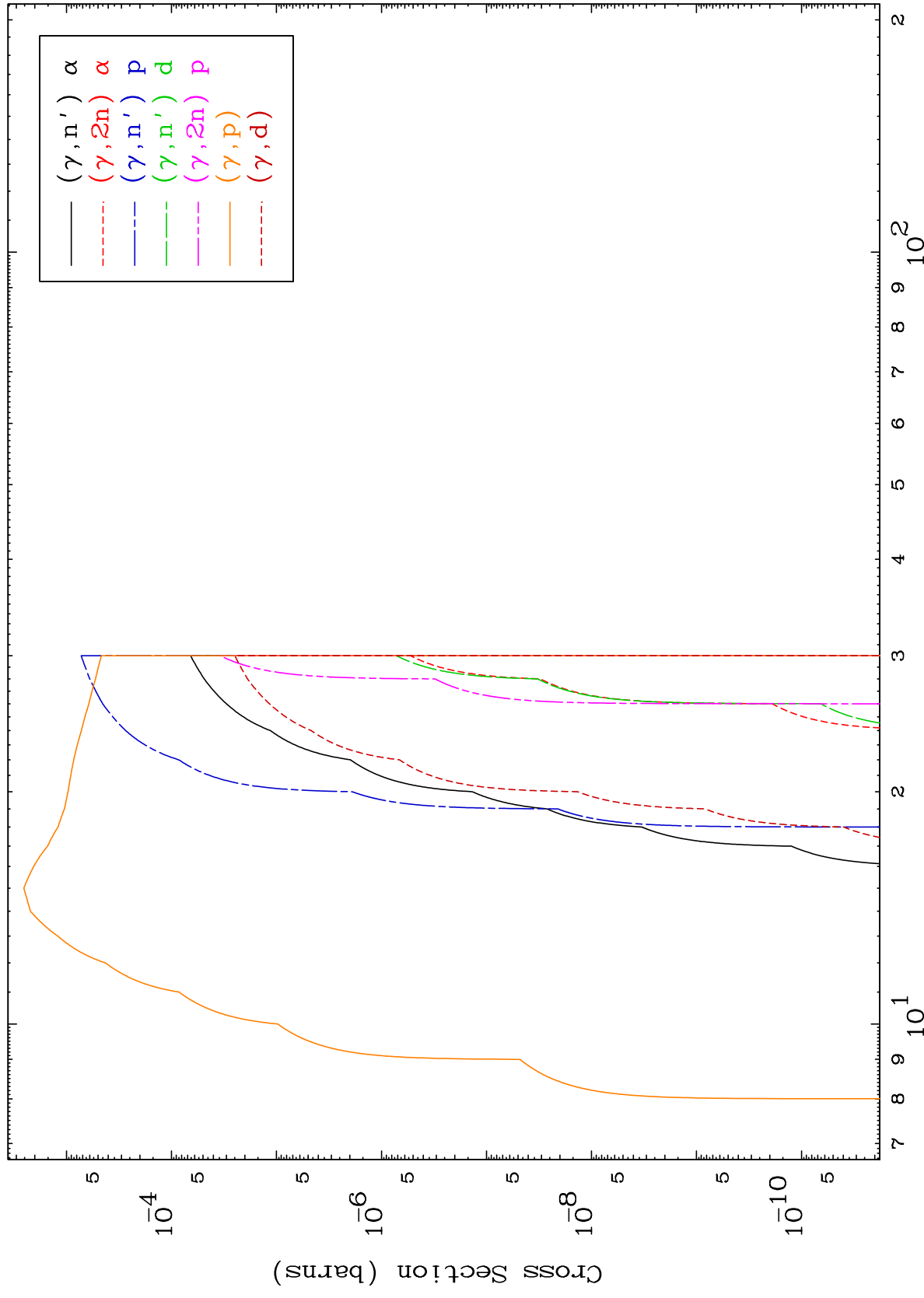
Incident Energy (MeV)

60-Nd-140

MAT 6019

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-140



3

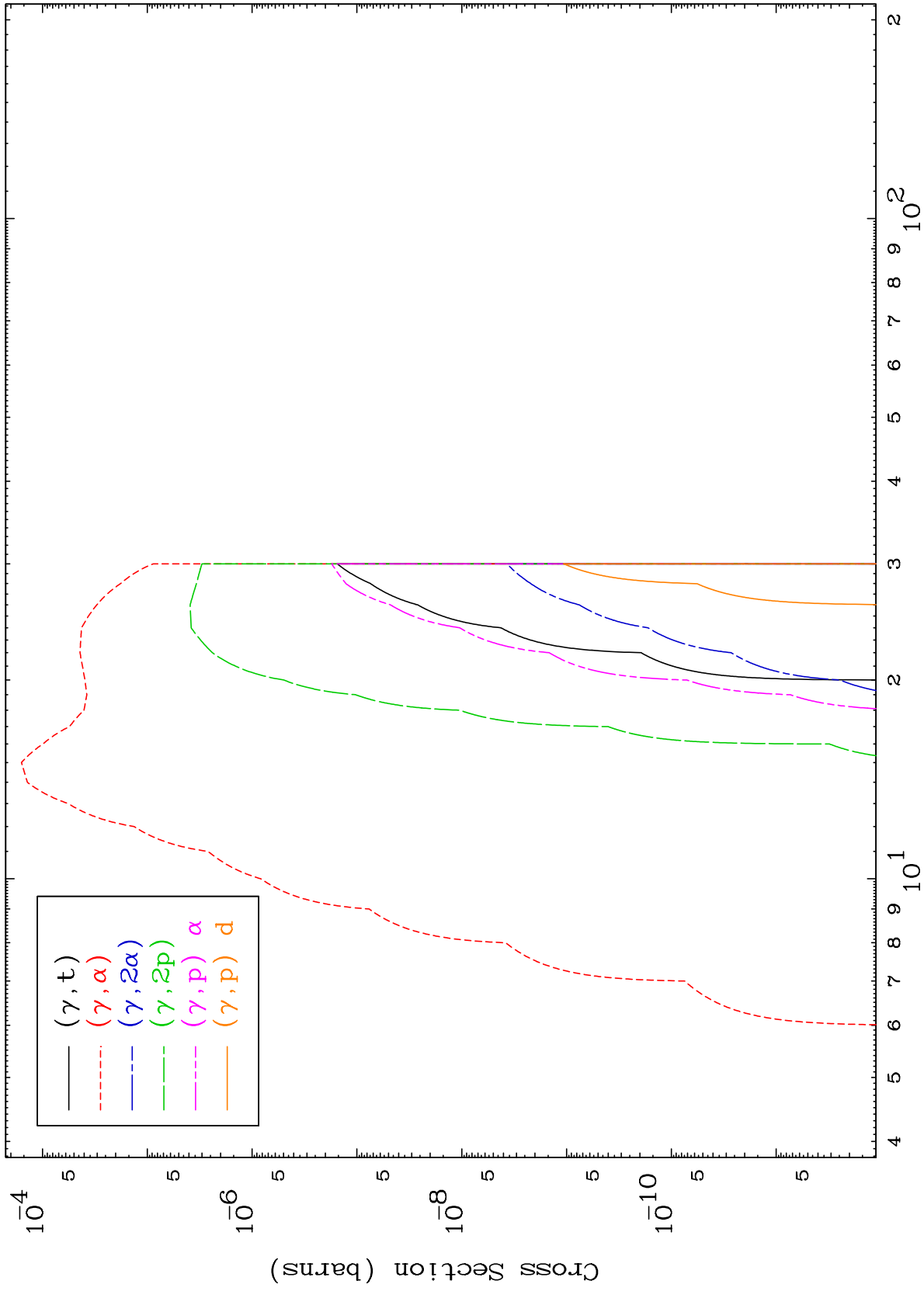
Incident Energy (MeV)

60-Nd-140

MAT 6019

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-140



4

Incident Energy (MeV)

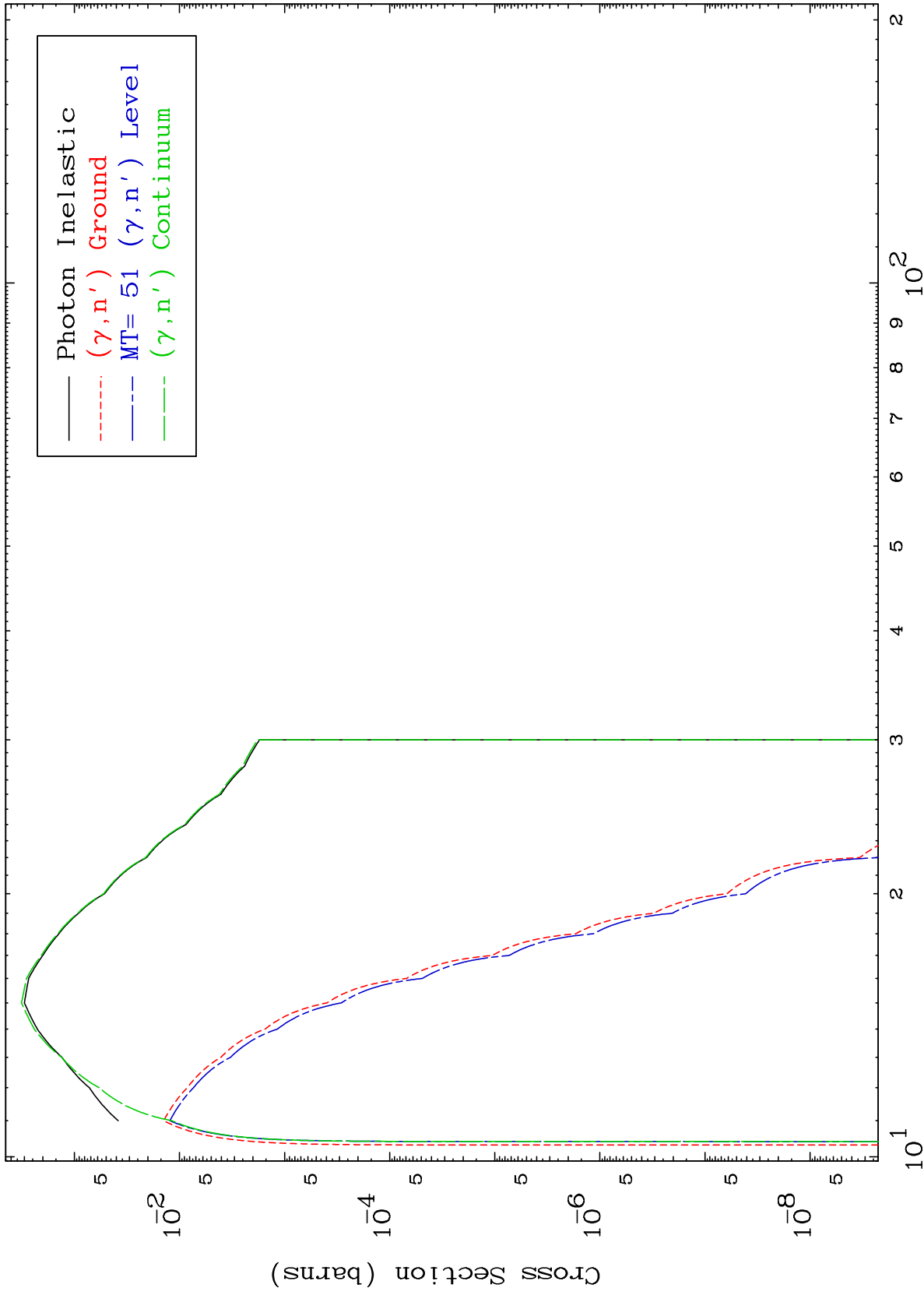
60-Nd-140

MAT 6019

(γ, n') Level

60-Nd-140

0 Kelvin Cross Sections



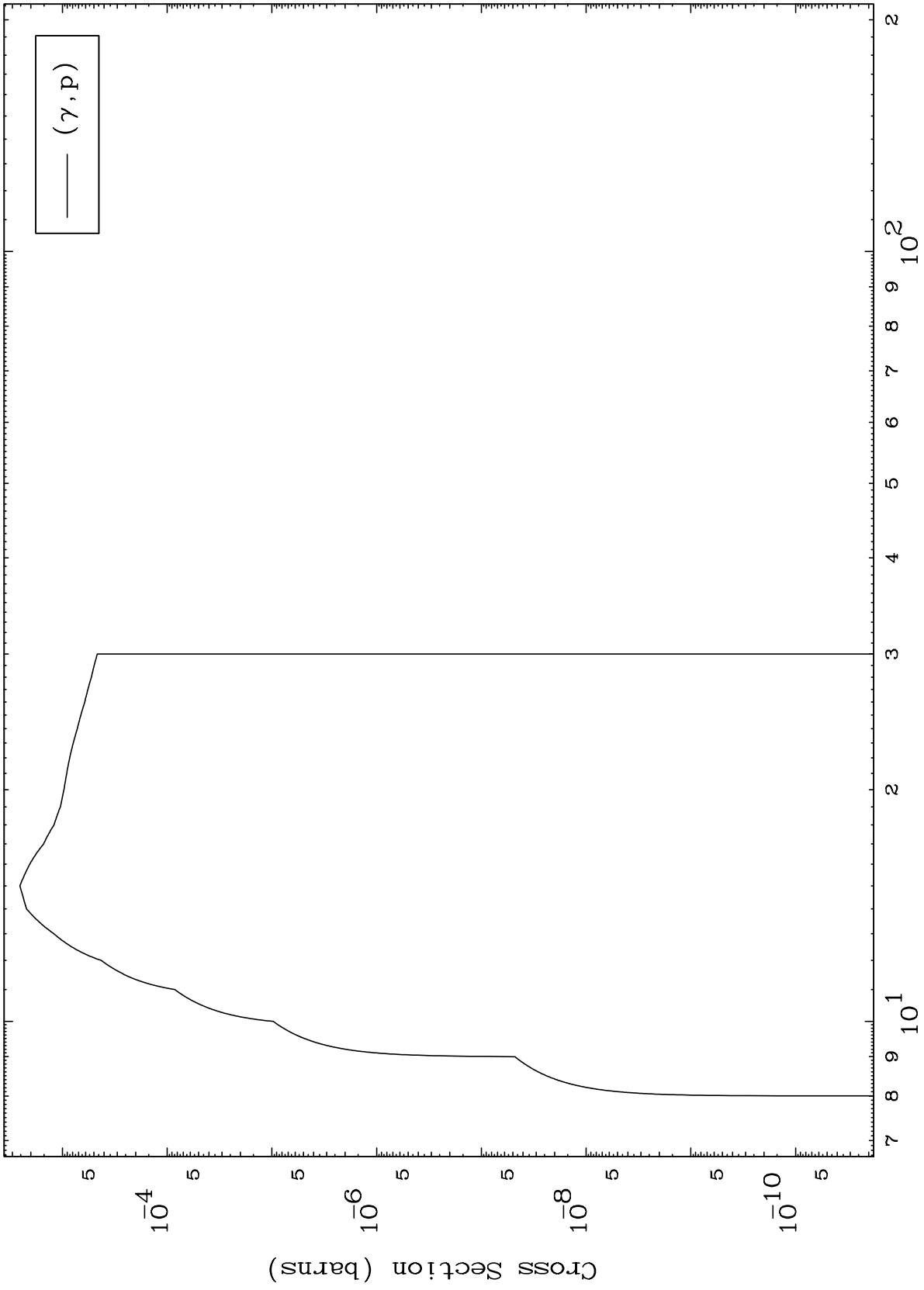
Incident Energy (MeV)

60-Nd-140

MAT 6019

(γ, p) Levels
0 Kelvin Cross Sections

60-Nd-140



6

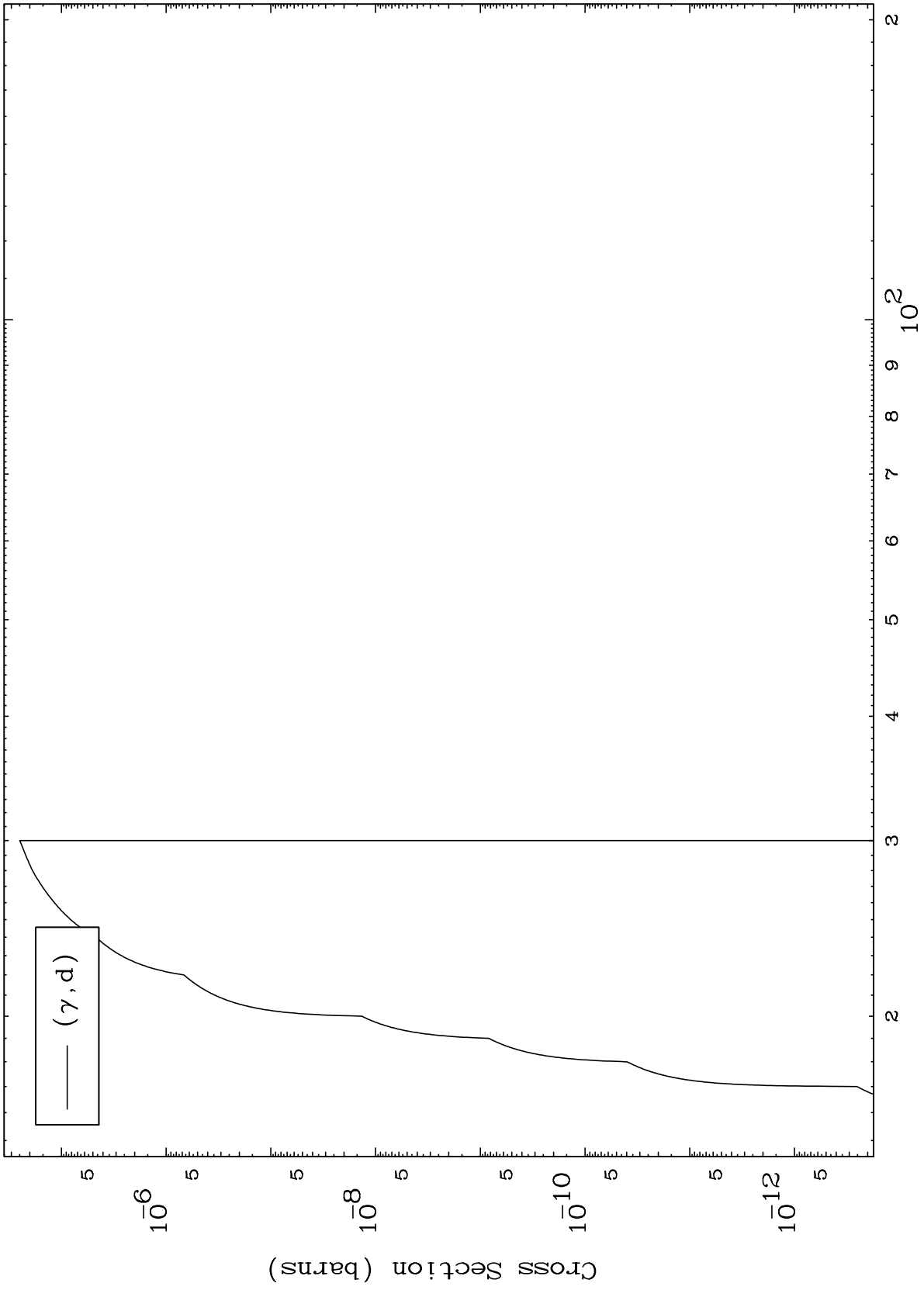
Incident Energy (MeV)

60-Nd-140

MAT 6019

(γ, d) Levels
0 Kelvin Cross Sections

60-Nd-140



7

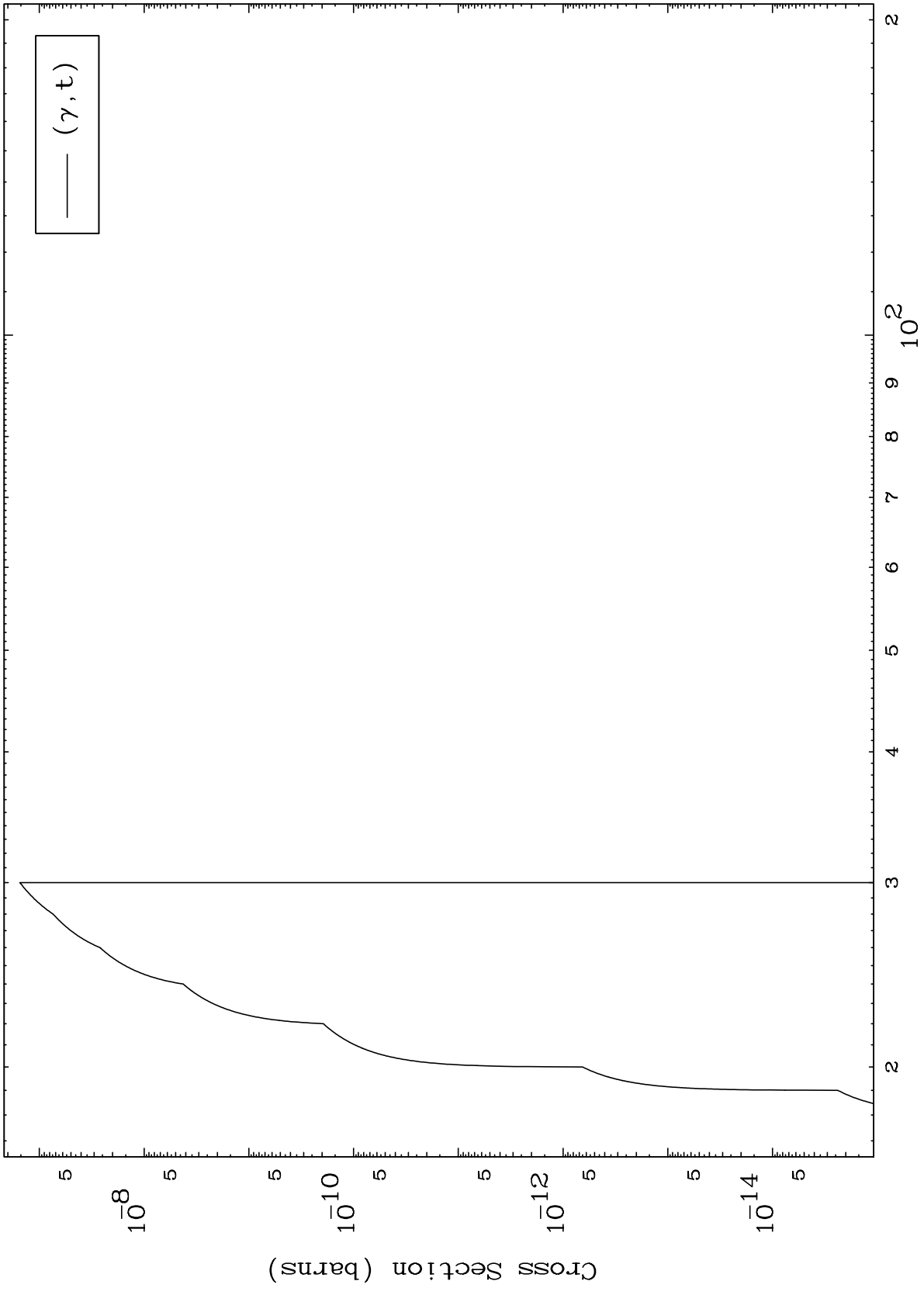
Incident Energy (MeV)

60-Nd-140

MAT 6019

(γ, t) Levels
0 Kelvin Cross Sections

60-Nd-140



8

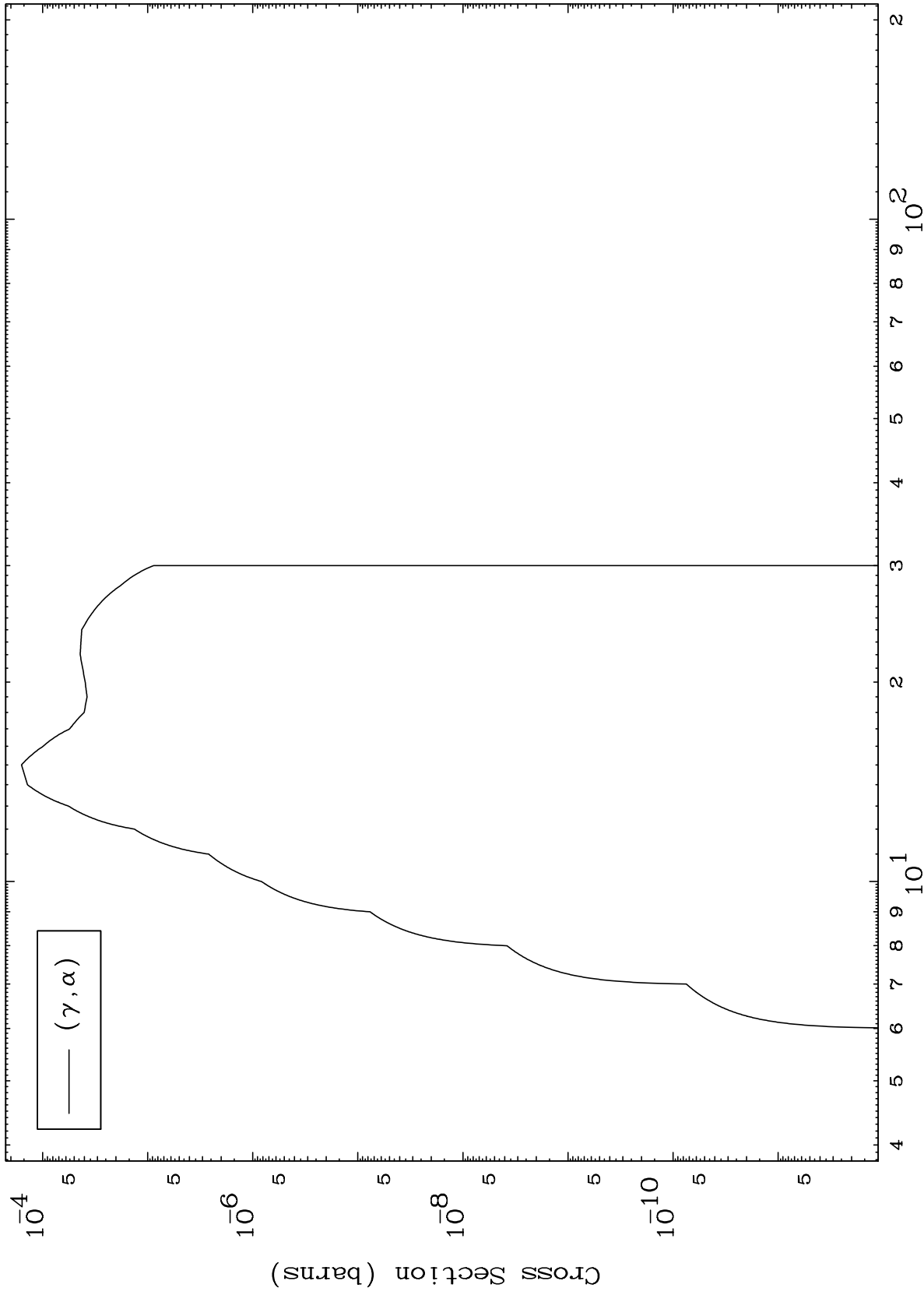
Incident Energy (MeV)

60-Nd-140

MAT 6019

60-Nd-140

(γ, α) Levels
0 Kelvin Cross Sections



9

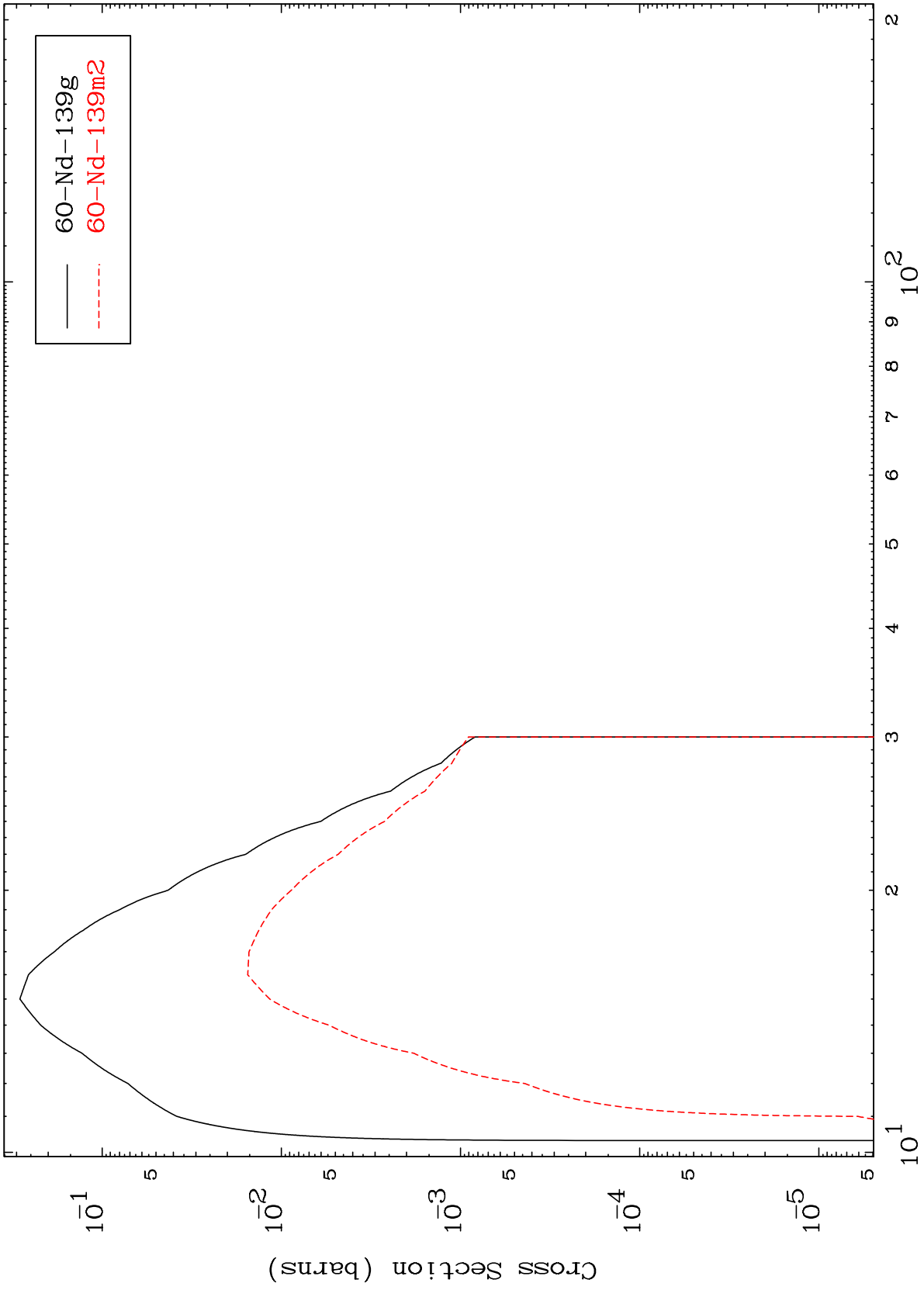
Incident Energy (MeV)

60-Nd-140

MAT 6019

Photon Inelastic
Radionuclide Production Cross Section

60-Nd-140



Incident Energy (MeV)

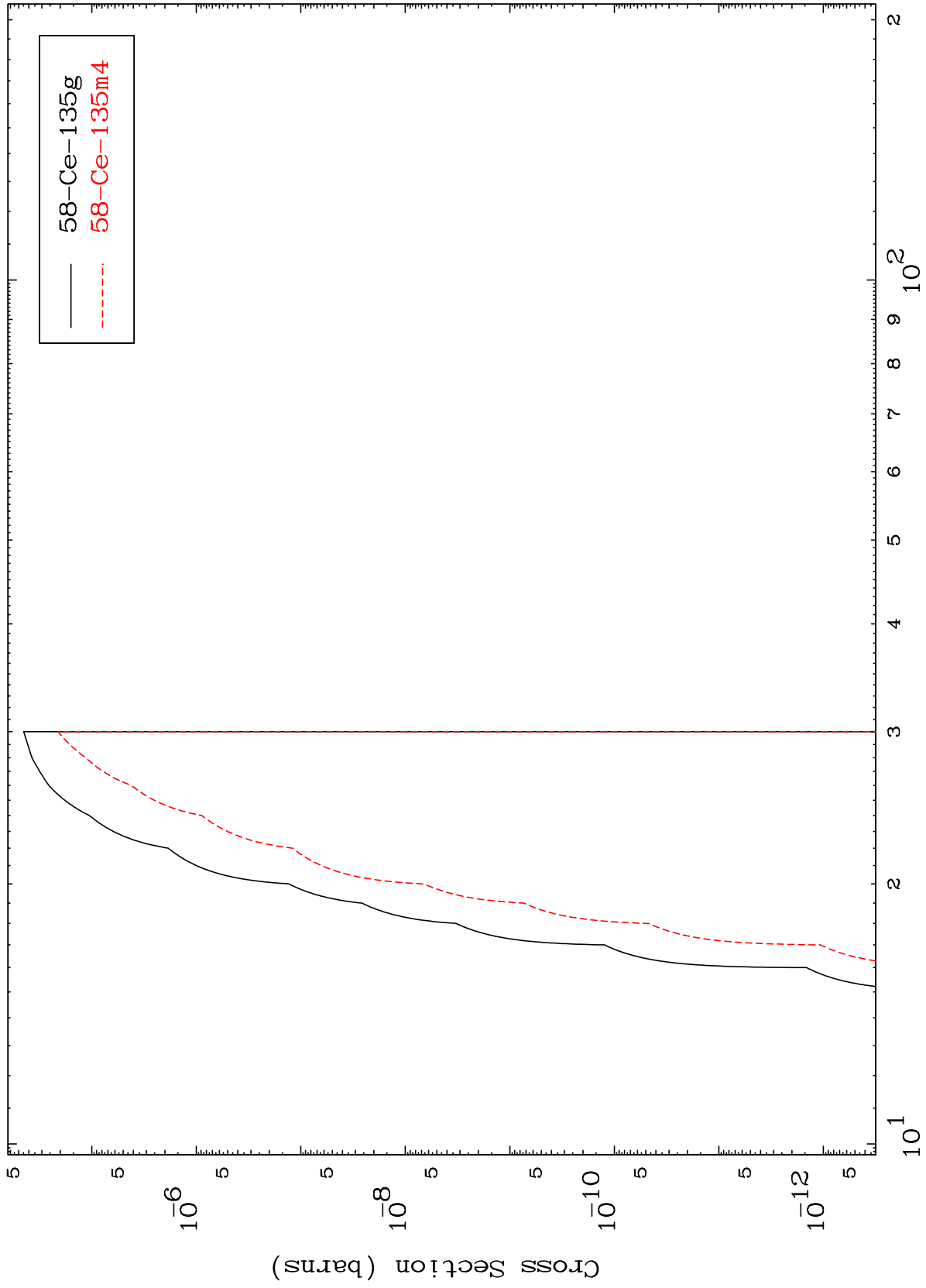
60-Nd-140

MAT 6019

(γ, n') α

60-Nd-140

Radionuclide Production Cross Section



11

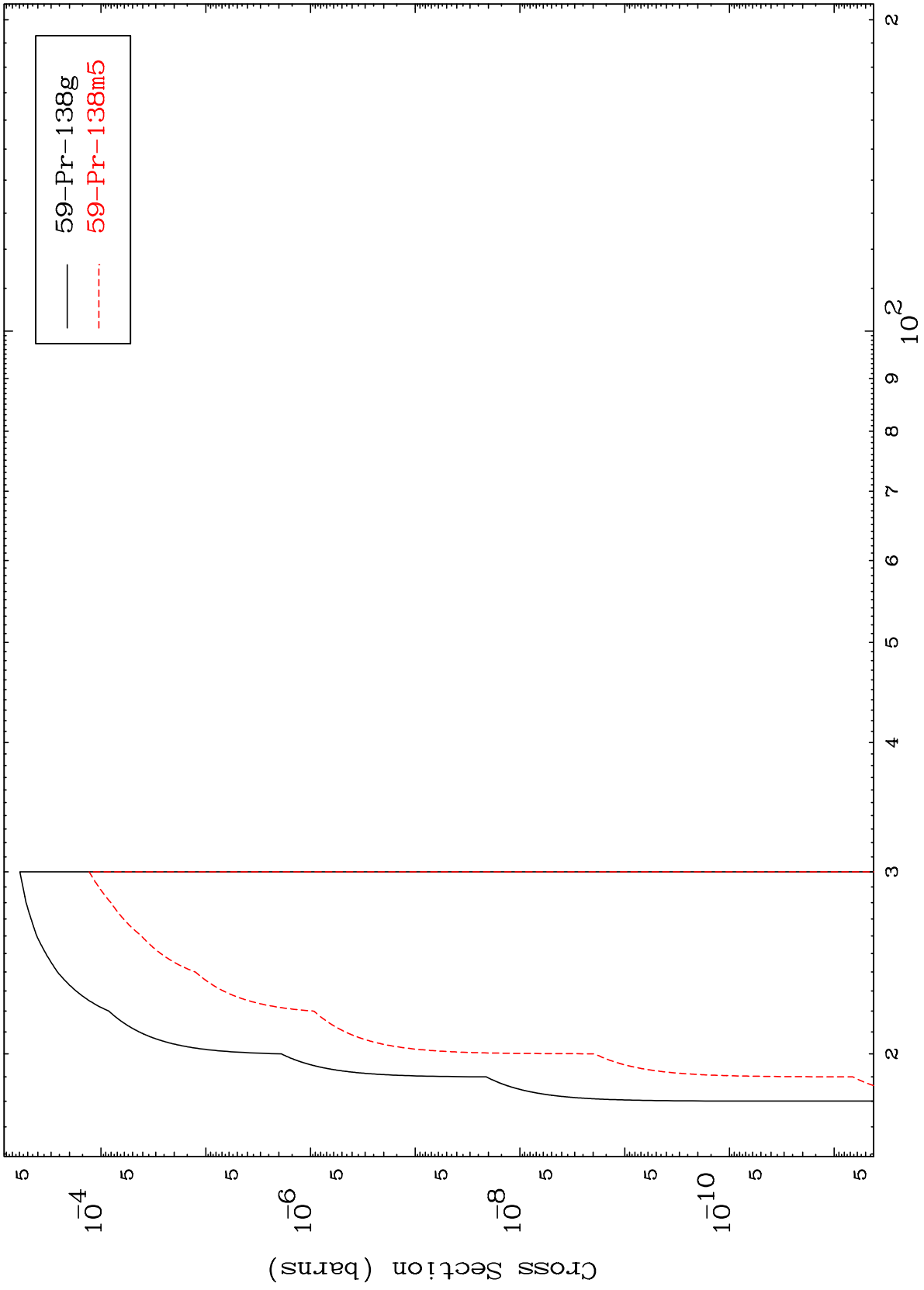
Incident Energy (MeV)

60-Nd-140

MAT 6019

60-Nd-140

(γ, n') p
Radionuclide Production Cross Section



12

Incident Energy (MeV)

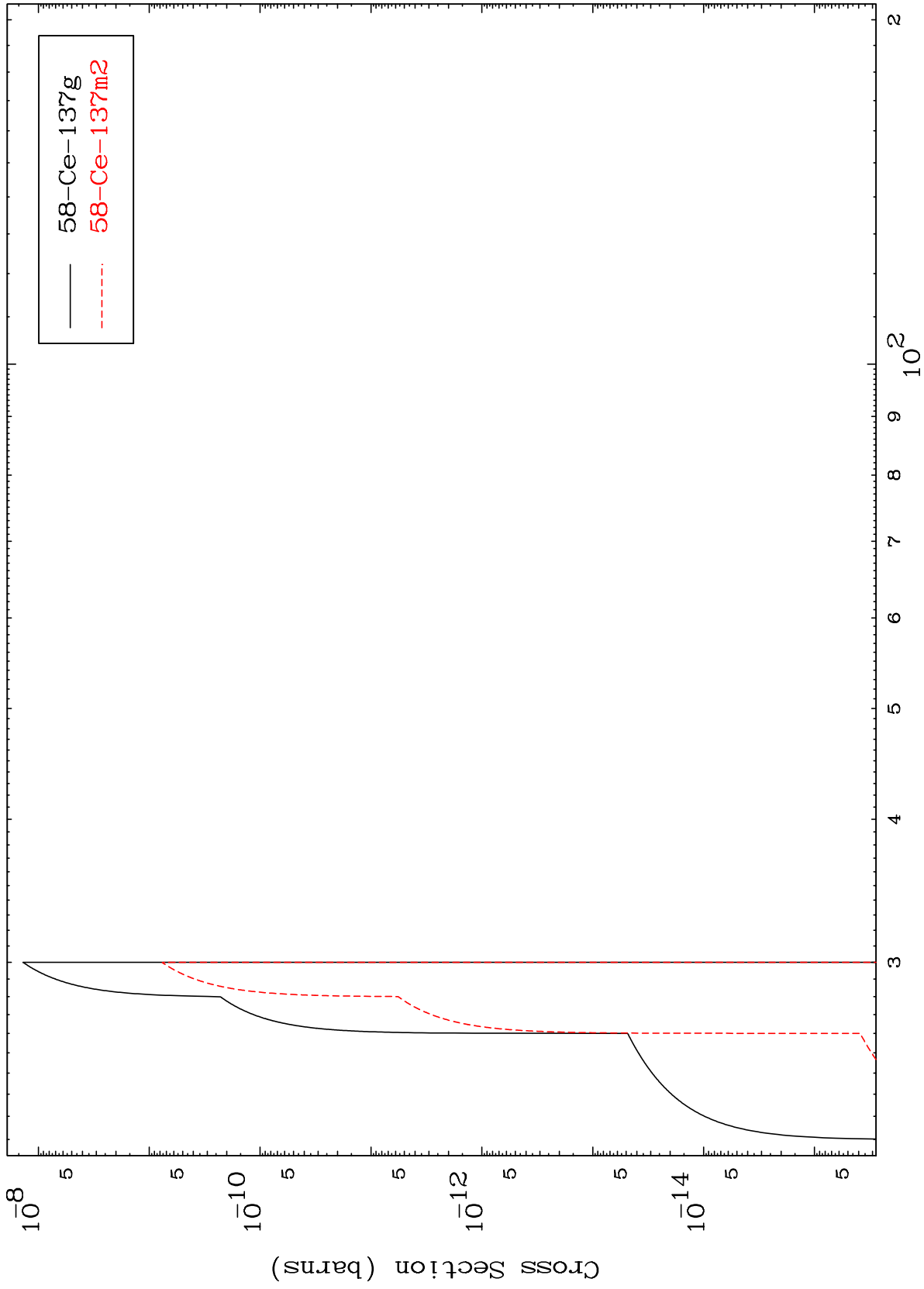
60-Nd-140

MAT 6019

$(\gamma, 2n)$ p

$^{60}\text{Nd}-140$

Radionuclide Production Cross Section



13

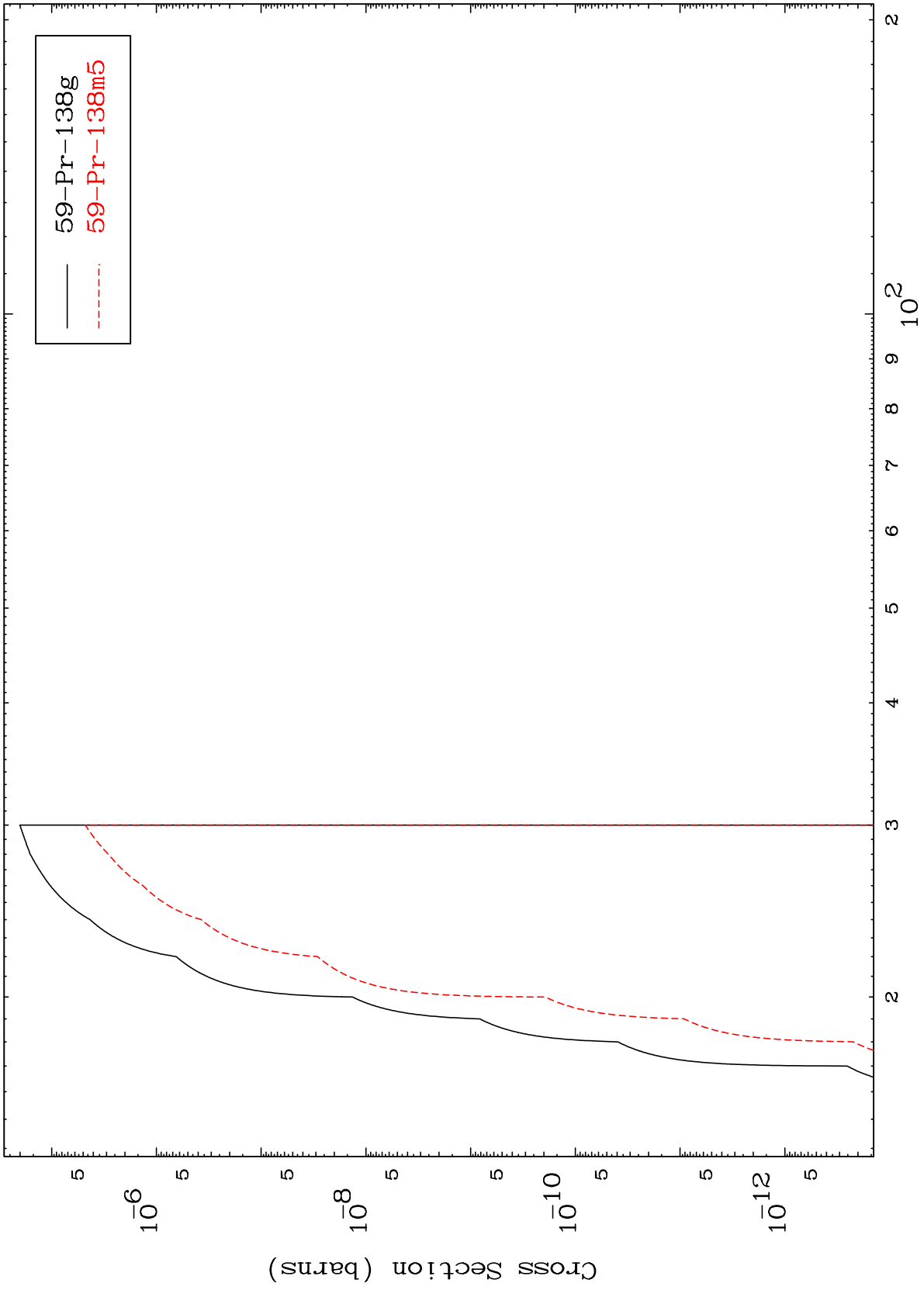
Incident Energy (MeV)

$^{60}\text{Nd}-140$

MAT 6019

60-Nd-140

(γ, d)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

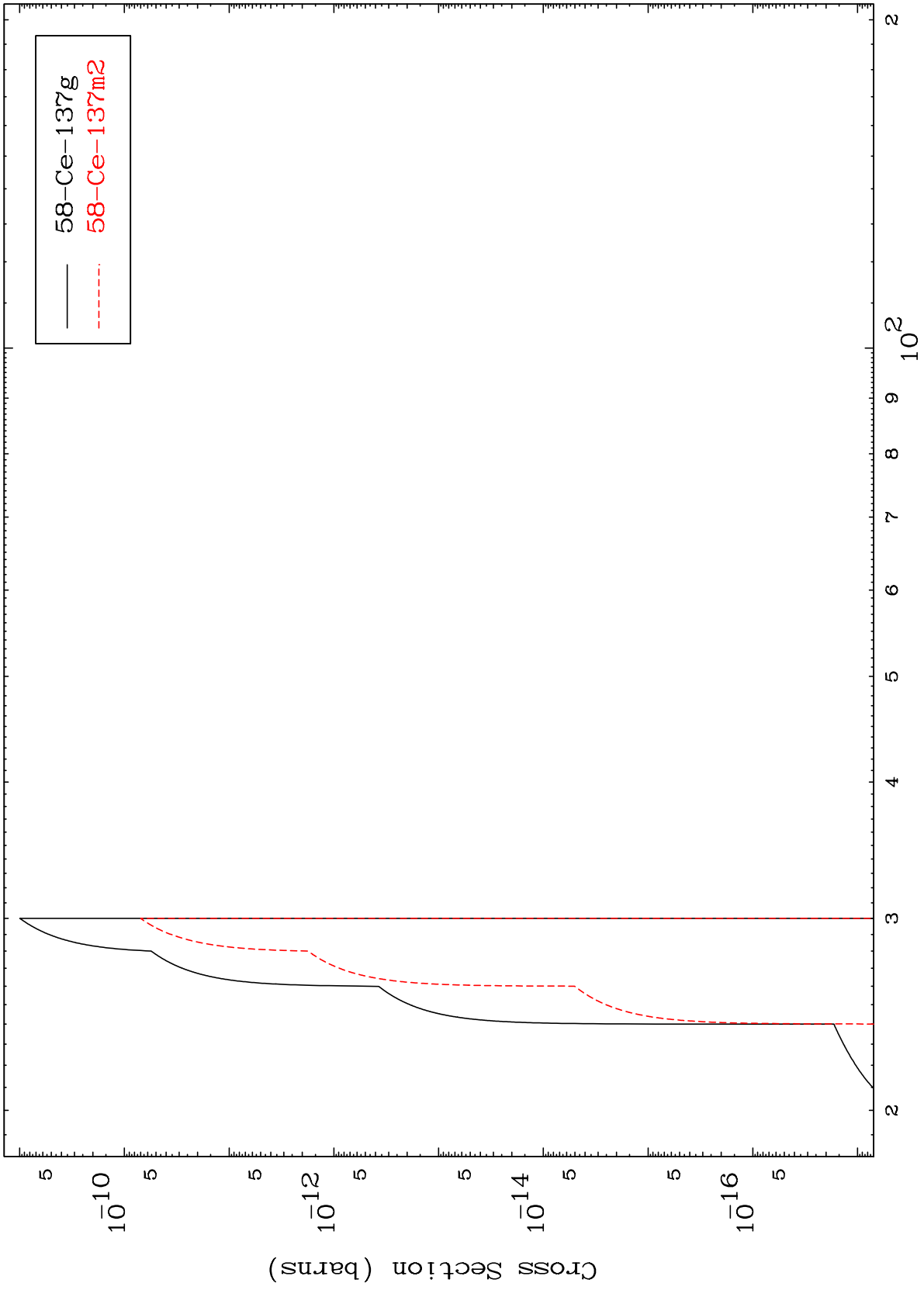
60-Nd-140

MAT 6019

(γ, p) d

60-Nd-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

60-Nd-140