

Program EVALPLOT
(Version 2017-1)

by

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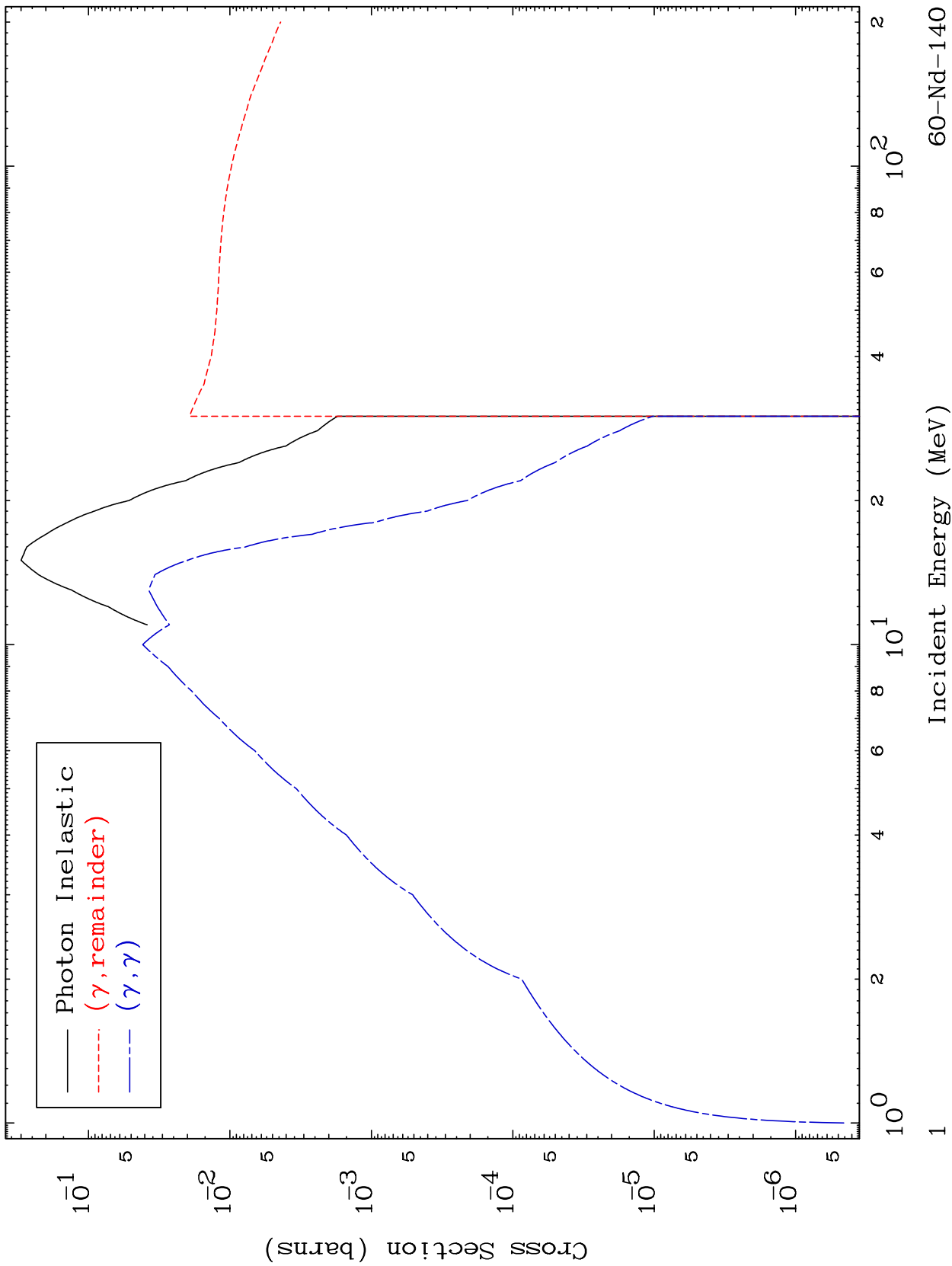
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Press Mouse Button to Start

MAT 6019

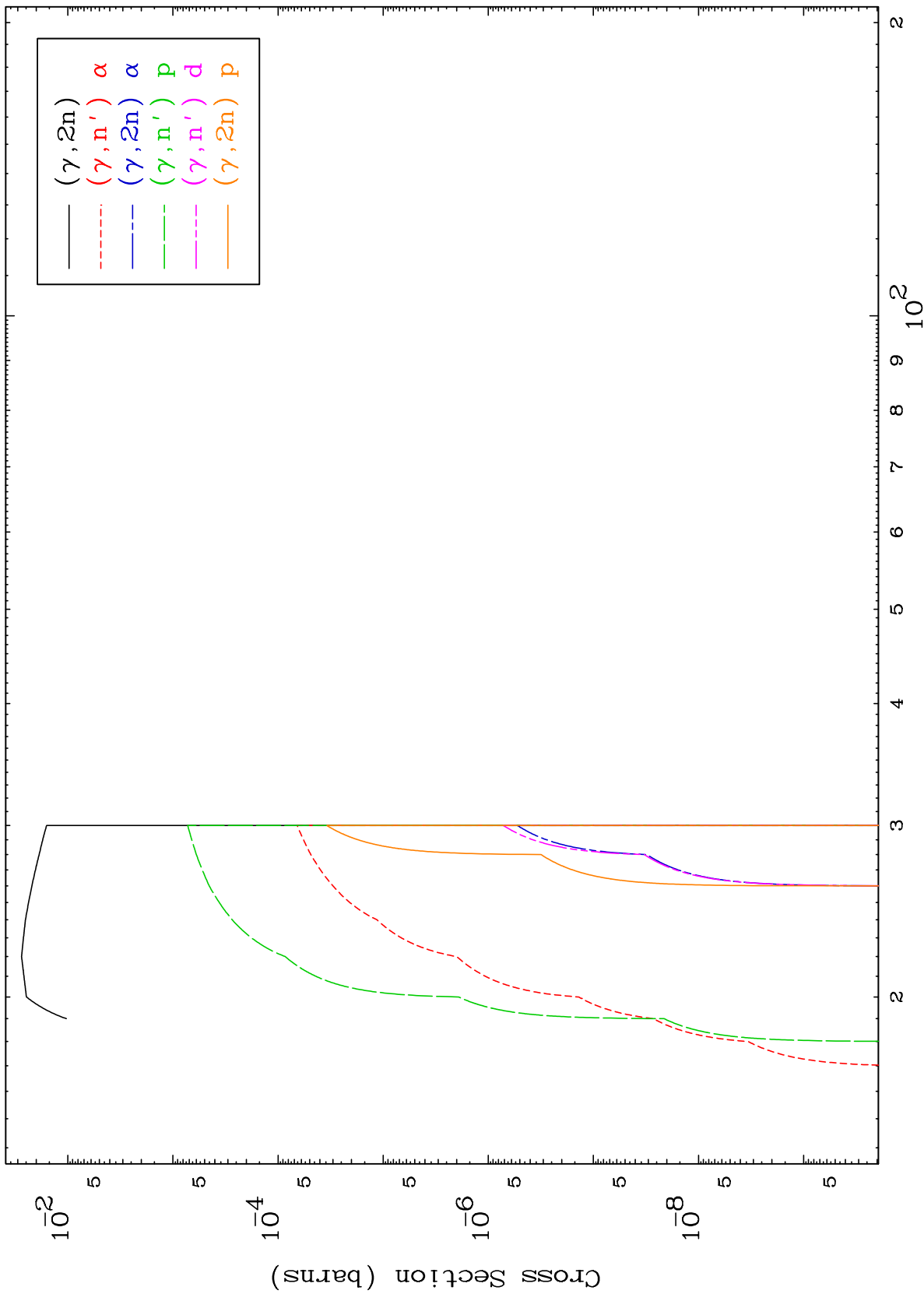
Photon Major
0 Kelvin Cross Sections

60-Nd-140



60-Nd-140

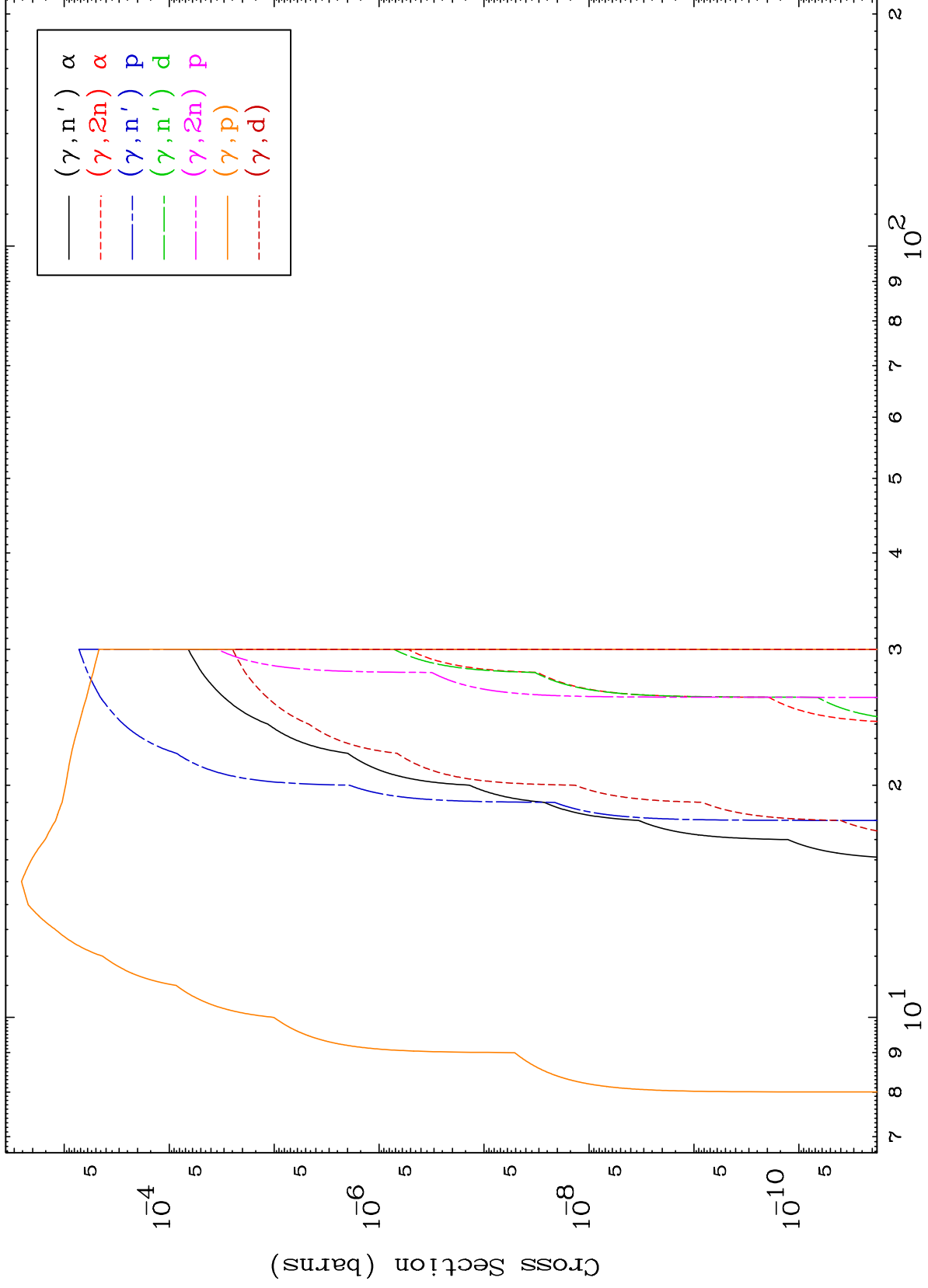
Incident Energy (MeV)



MAT 6019

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-140



3

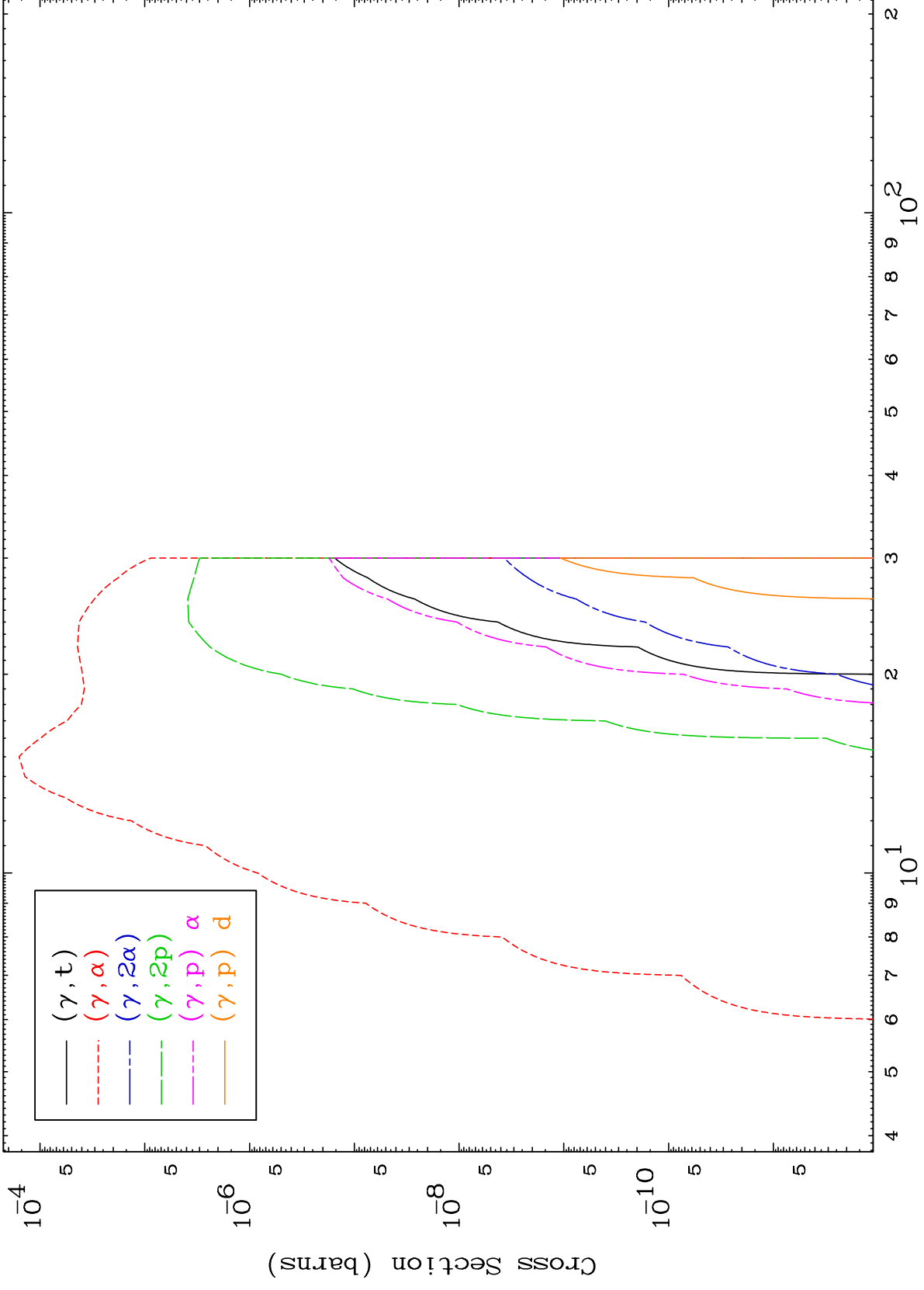
Incident Energy (MeV)

60-Nd-140

MAT 6019

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-140



60-Nd-140

Incident Energy (MeV)

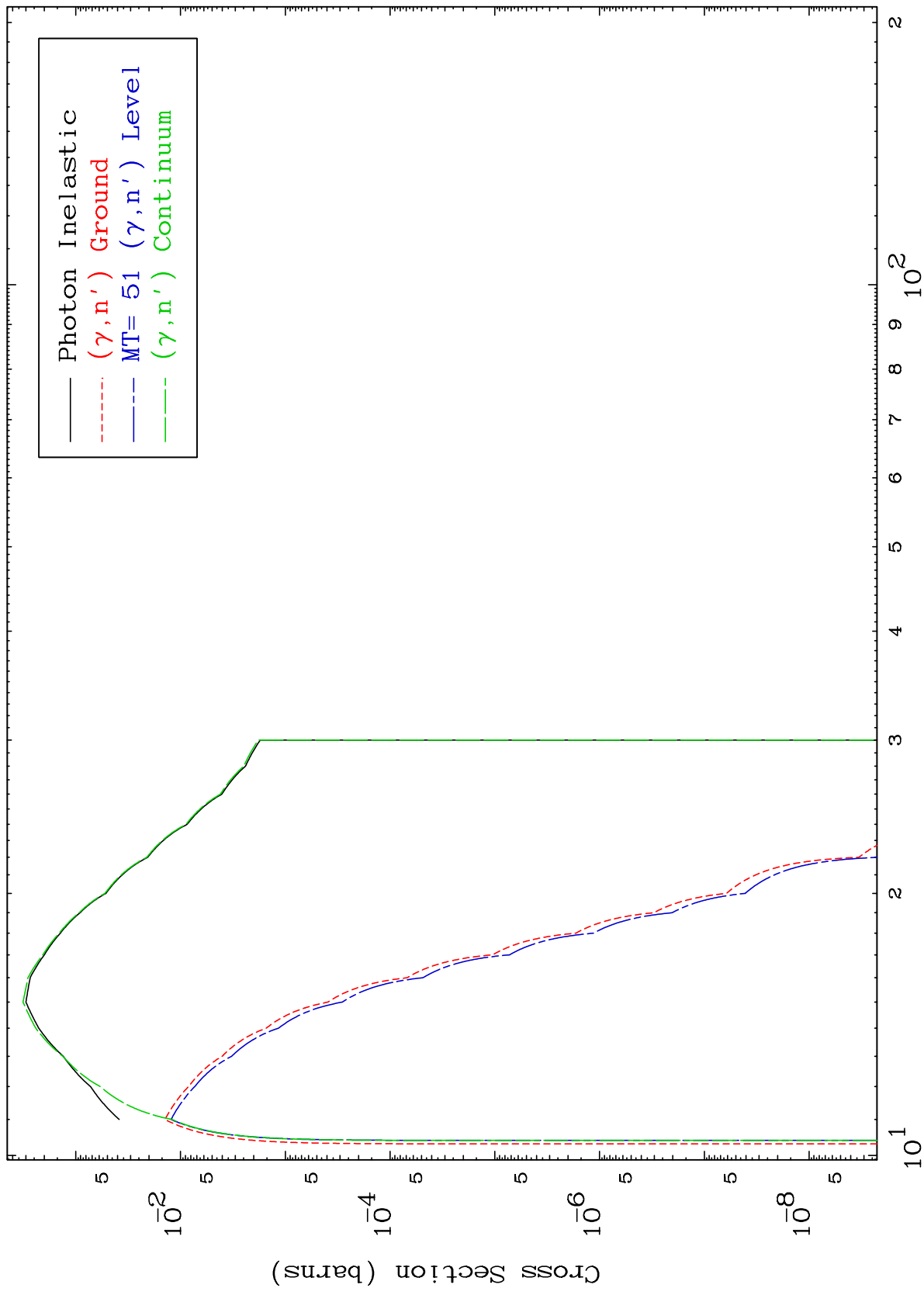
4

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(γ, n') Level

60-Nd-140

0 Kelvin Cross Sections



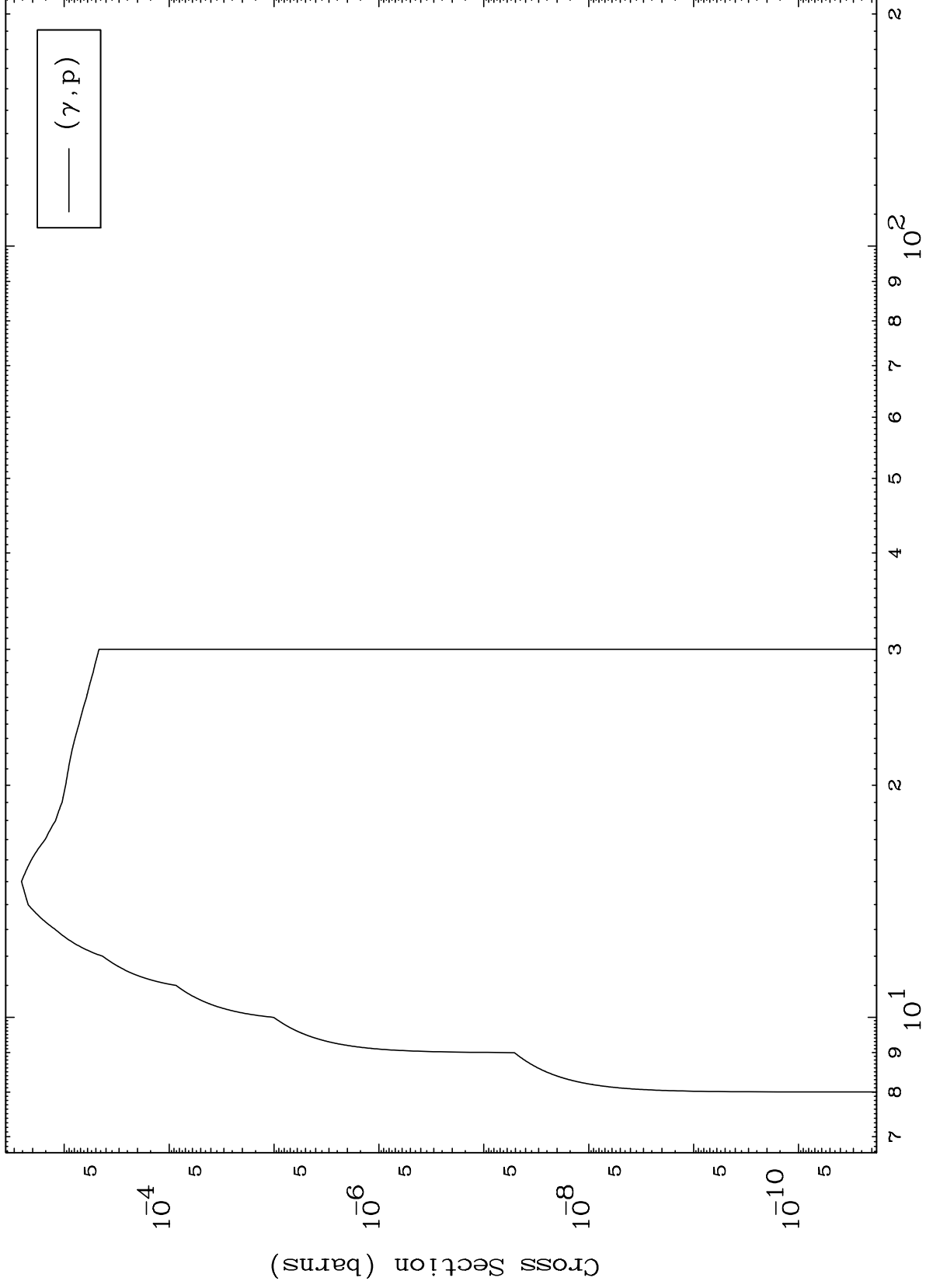
Incident Energy (MeV)

60-Nd-140

MAT 6019

(γ, p) Levels
0 Kelvin Cross Sections

60-Nd-140



6

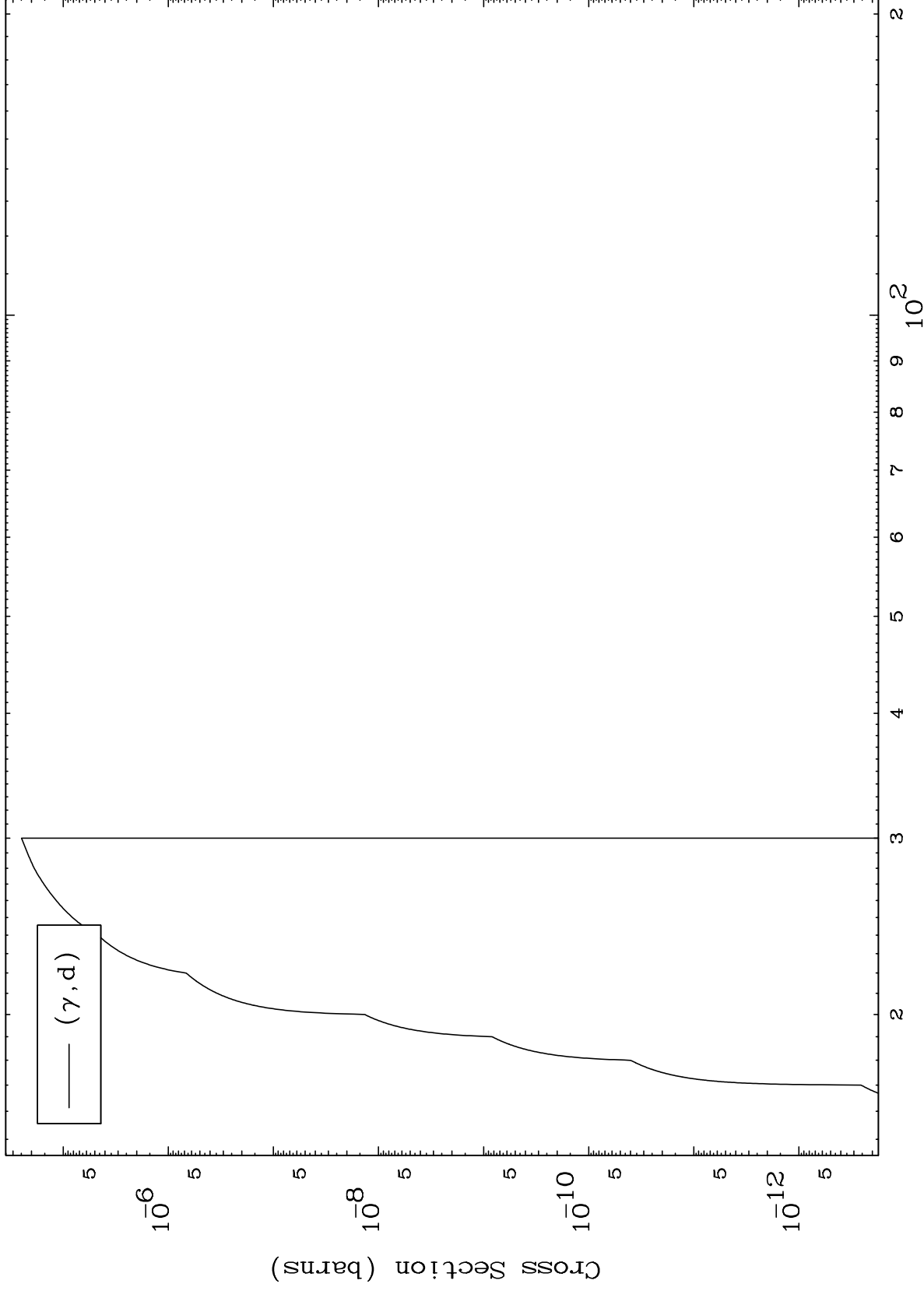
Incident Energy (MeV)

60-Nd-140

MAT 6019

(γ, d) Levels
0 Kelvin Cross Sections

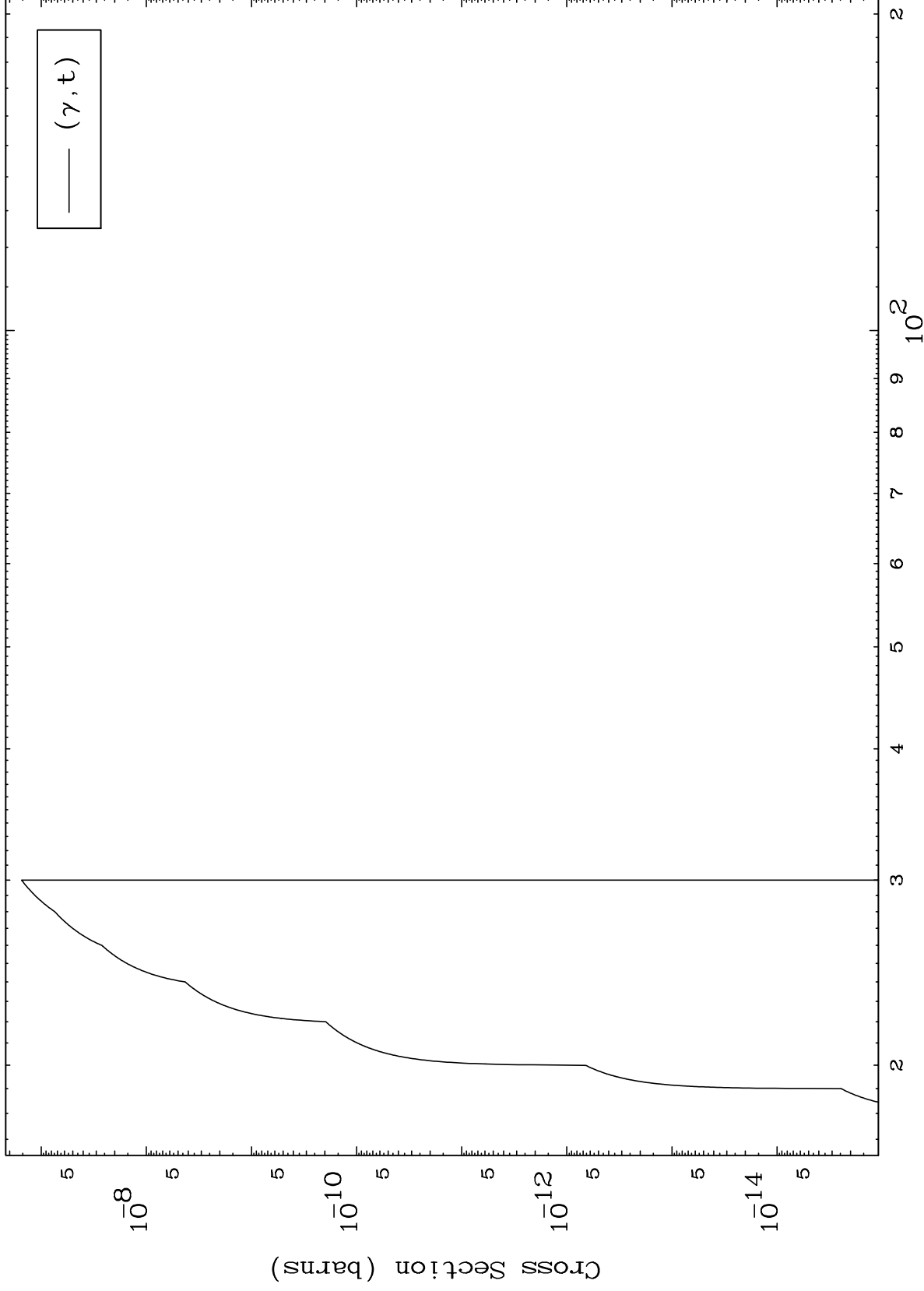
60-Nd-140



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(γ, t) Levels
0 Kelvin Cross Sections

60-Nd-140



8

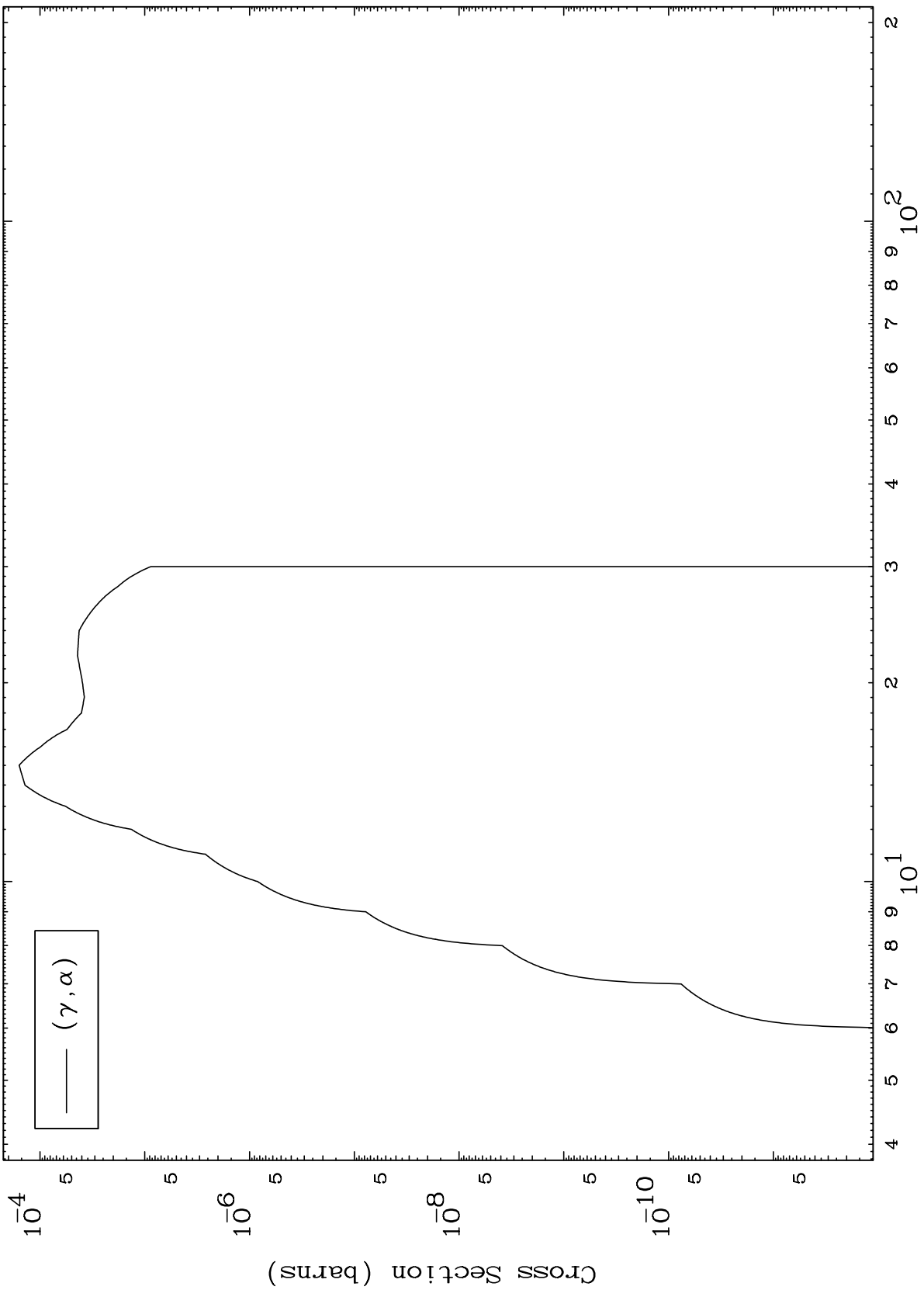
Incident Energy (MeV)

60-Nd-140

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60-Nd-140

(γ, α) Levels
0 Kelvin Cross Sections



(γ, α)

60-Nd-140

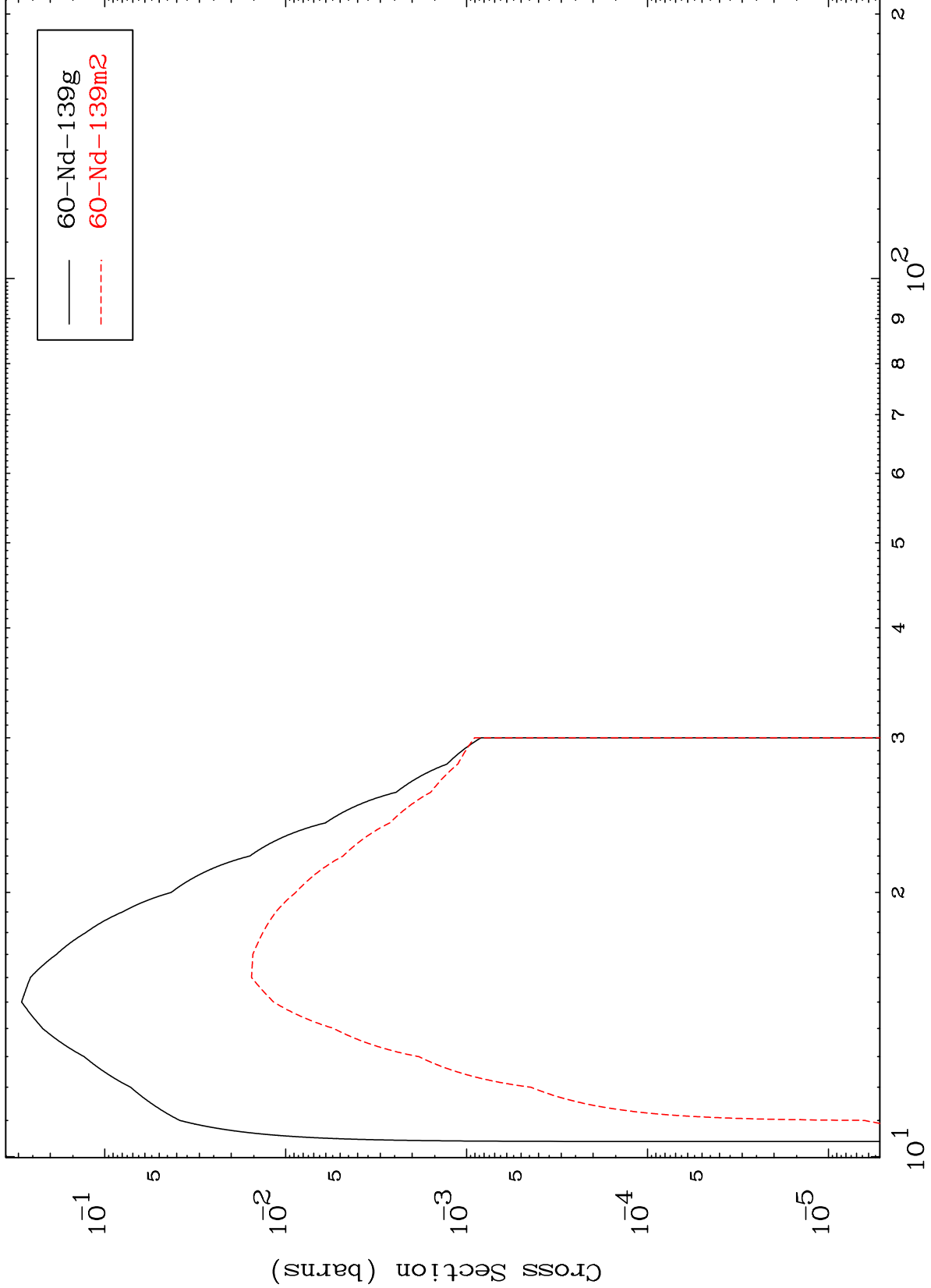
Incident Energy (MeV)

9

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Photon Inelastic
Radionuclide Production Cross Section

60-Nd-140



60-Nd-139g
60-Nd-139m2

Incident Energy (MeV)

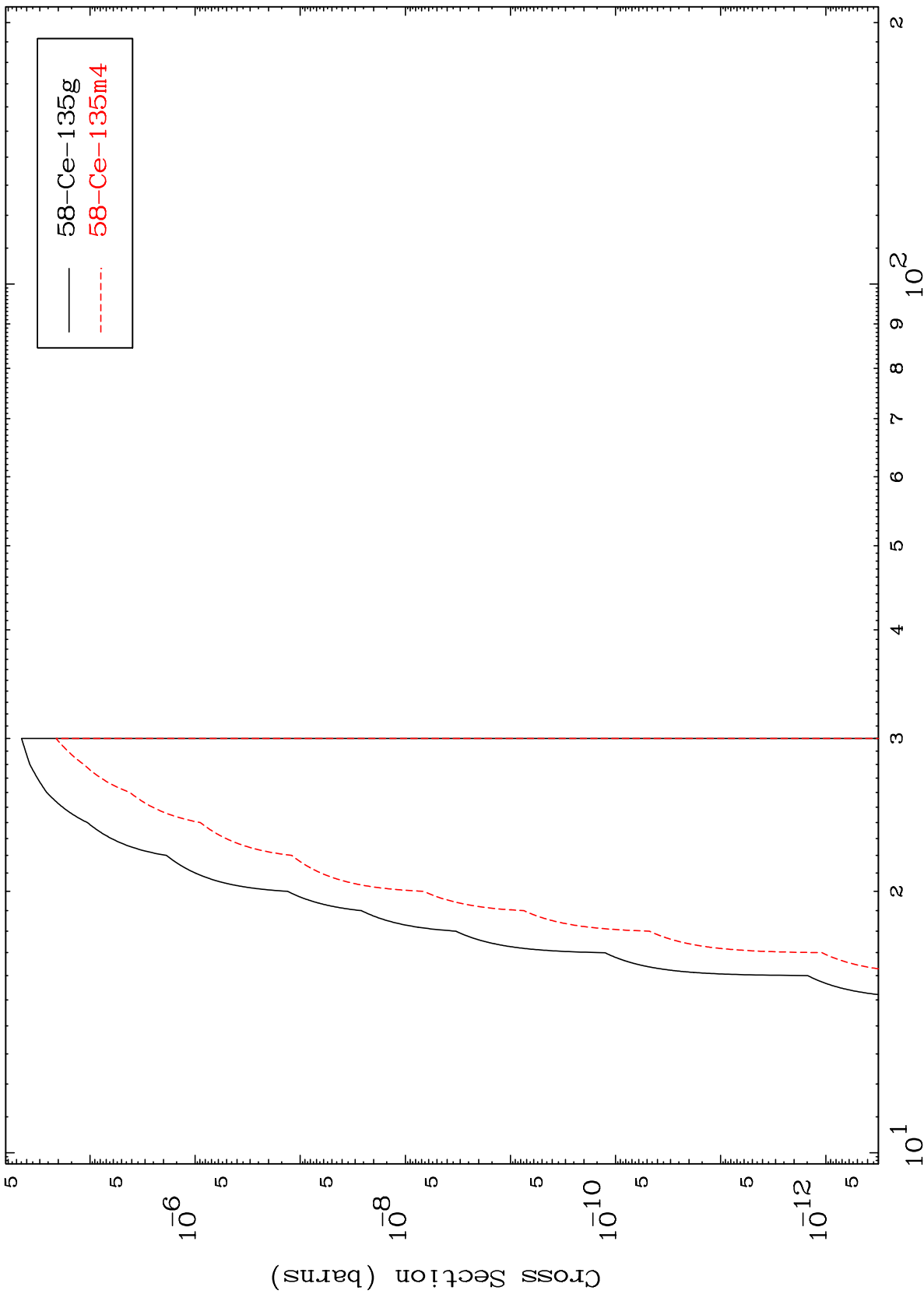
60-Nd-140

MAT 6019

(γ, n') α

60-Nd-140

Radionuclide Production Cross Section



11

Incident Energy (MeV)

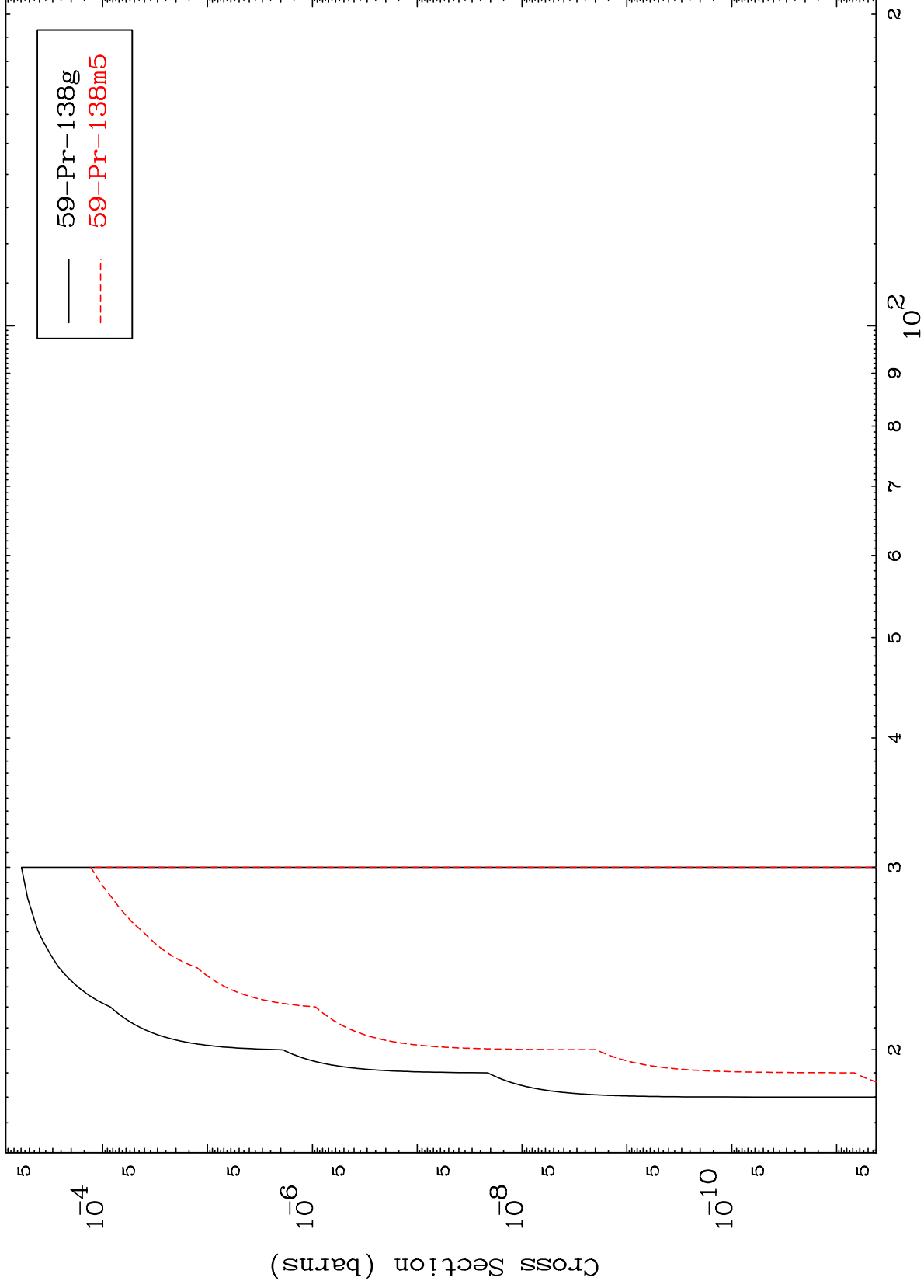
60-Nd-140

MAT 6019

(γ, n') p

60-Nd-140

Radionuclide Production Cross Section



12

Incident Energy (MeV)

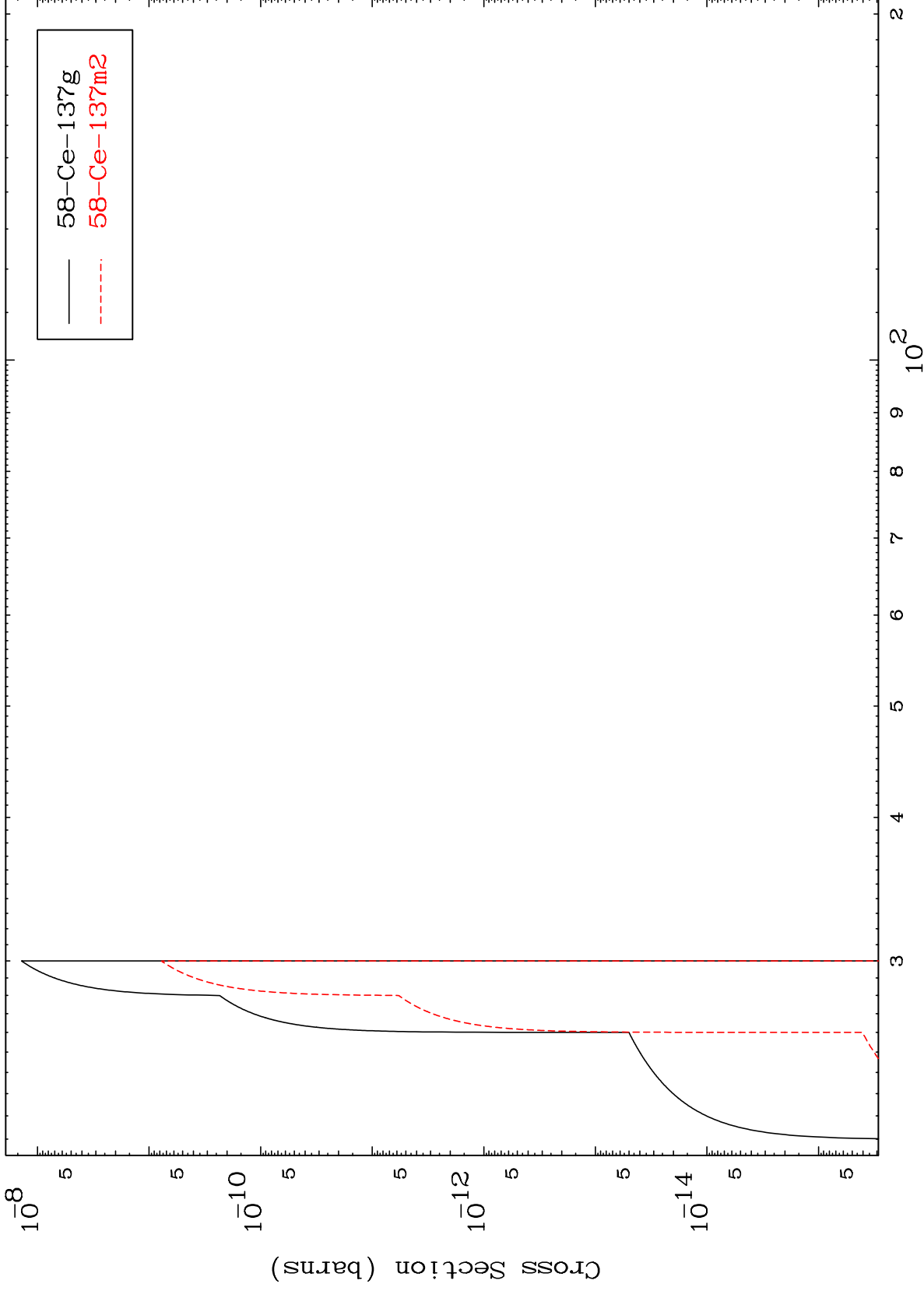
60-Nd-140

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($\gamma, 2n$) p

60-Nd-140

Radionuclide Production Cross Section



13

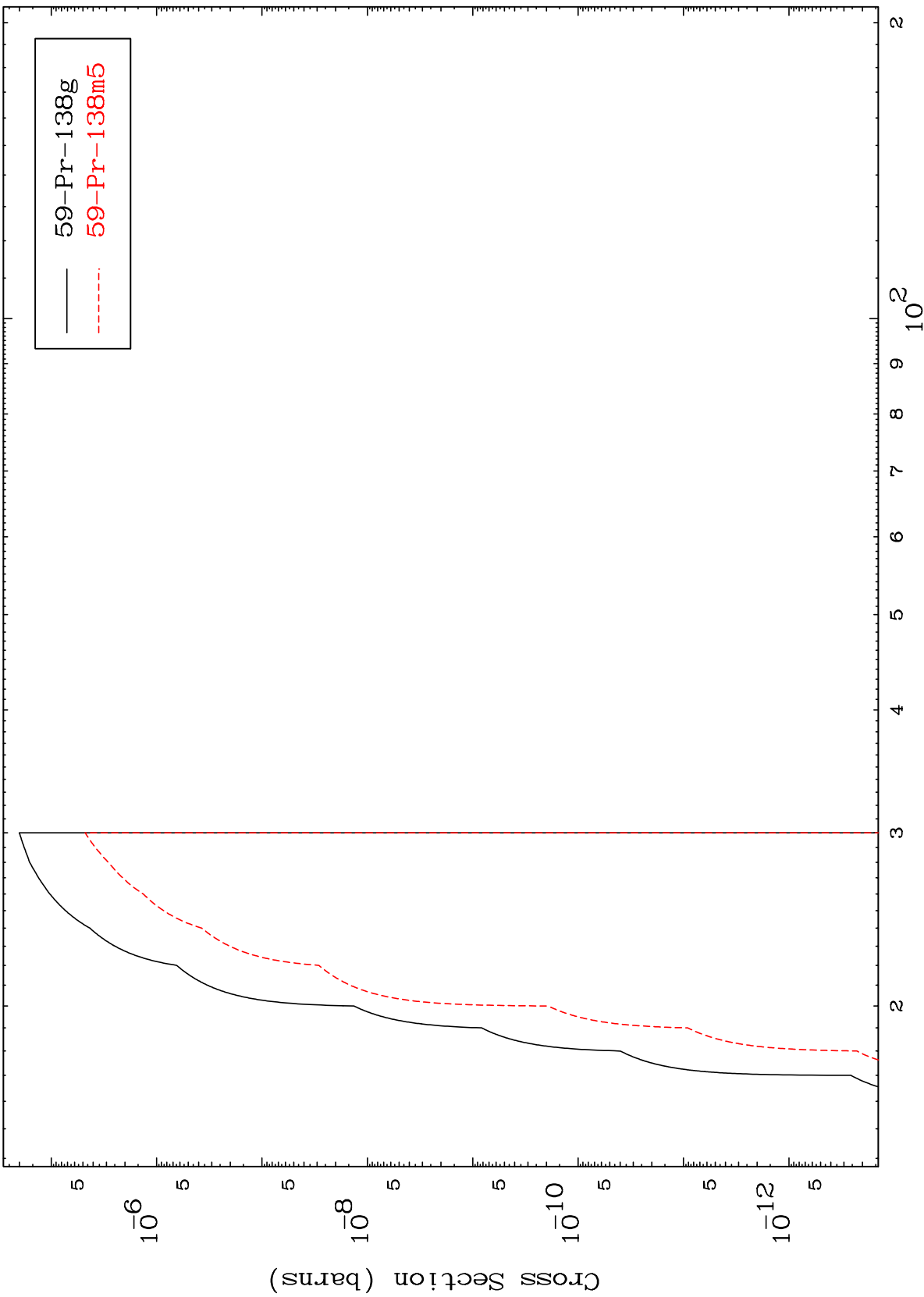
Incident Energy (MeV)

60-Nd-140

MAT 6019

60-Nd-140

(γ, d)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

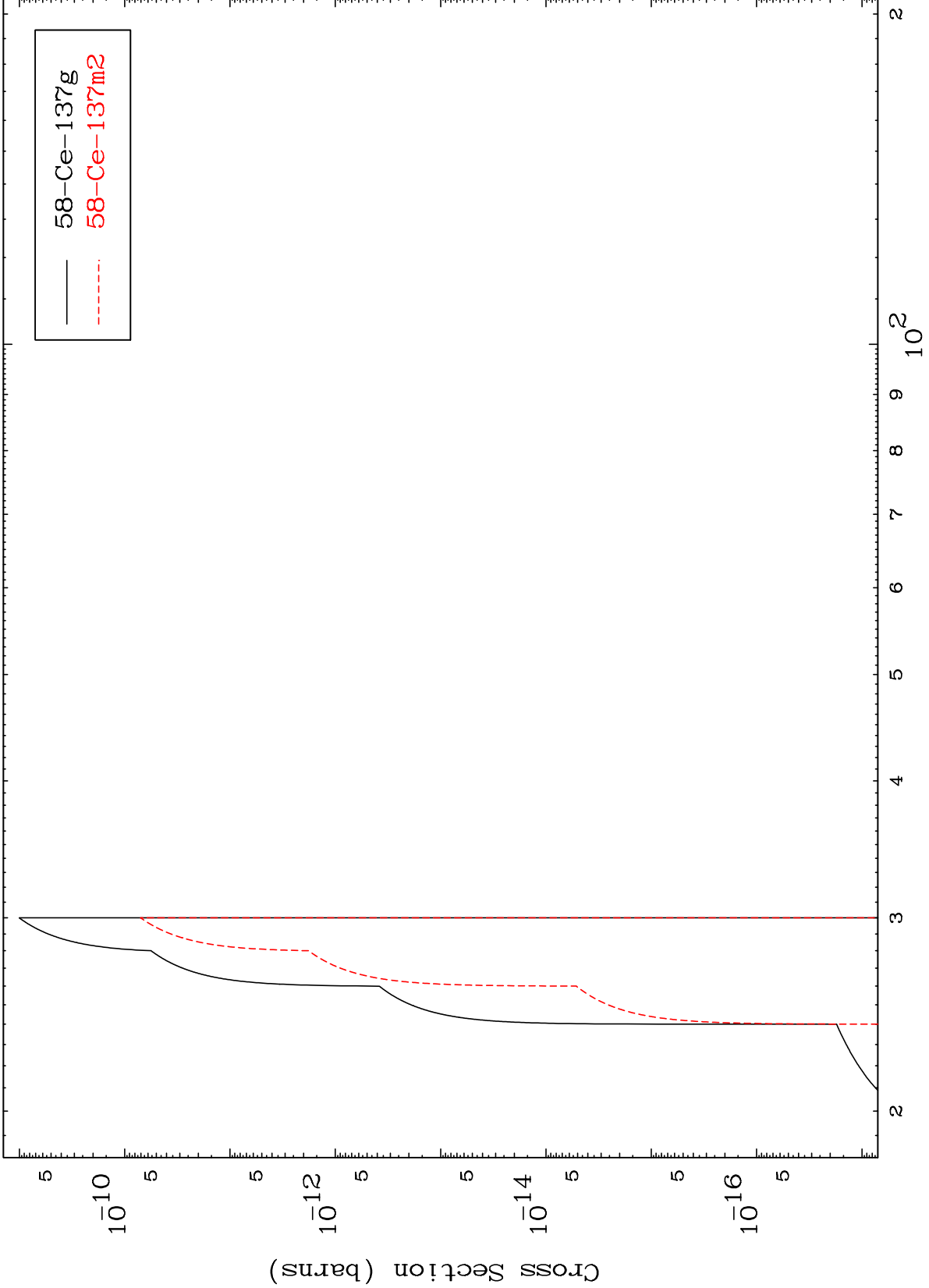
60-Nd-140

MAT 6019

(γ, p) d

60-Nd-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

60-Nd-140