

Program EVALPLOT
(Version 2018-1)

by

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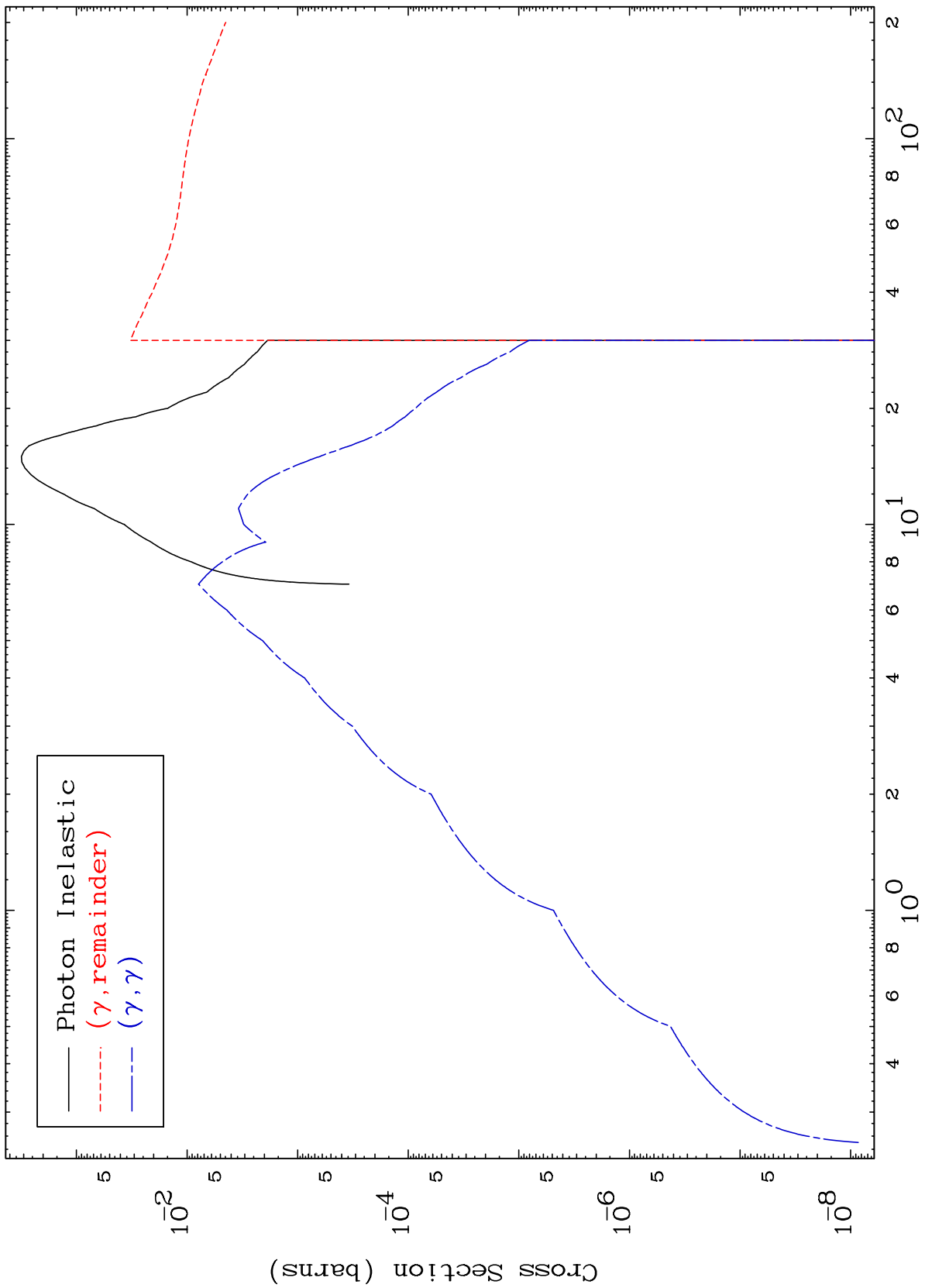
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Press Mouse Button to Start

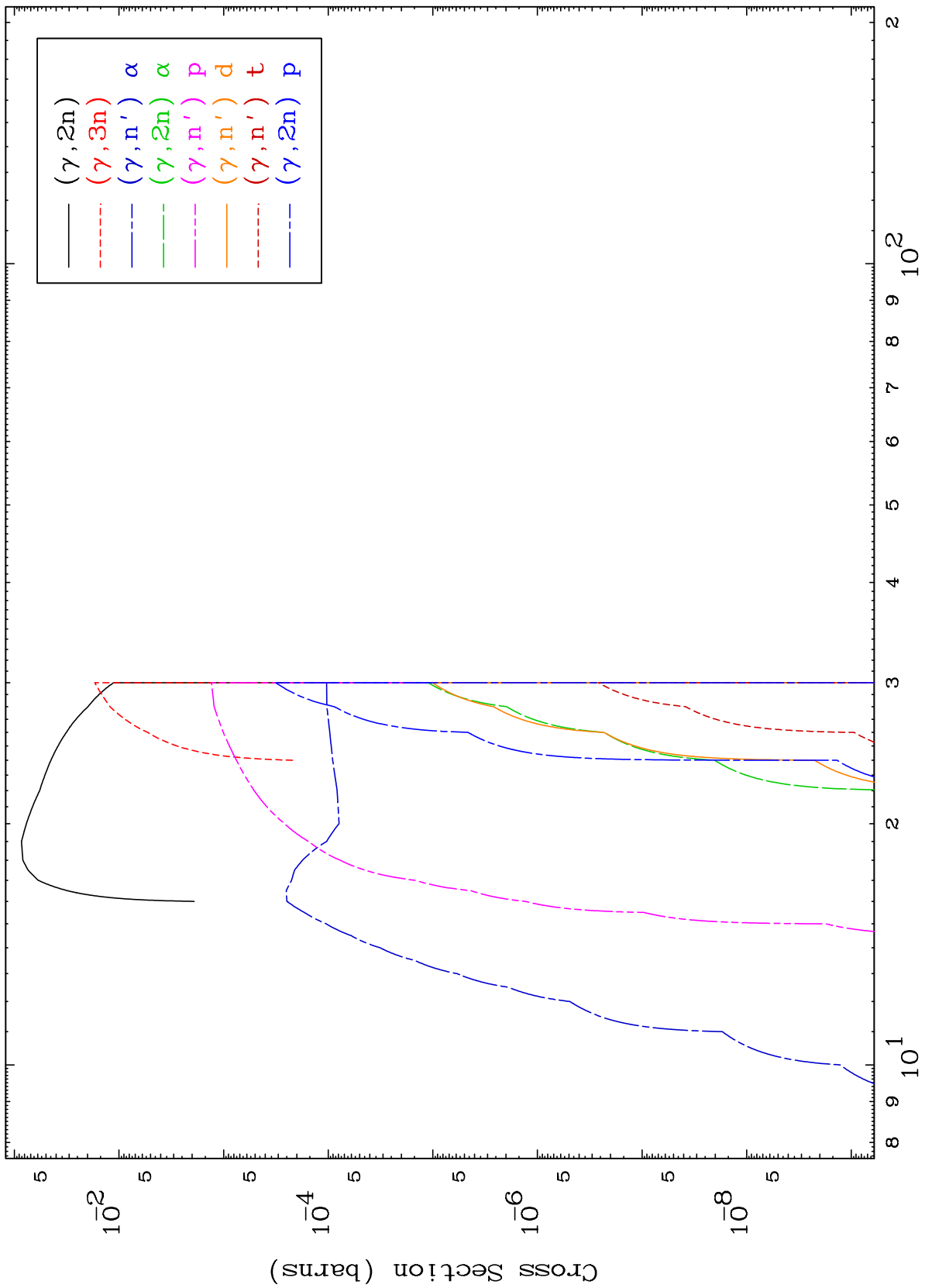
MAT 6416

Photon Major
0 Kelvin Cross Sections

64-Gd-149



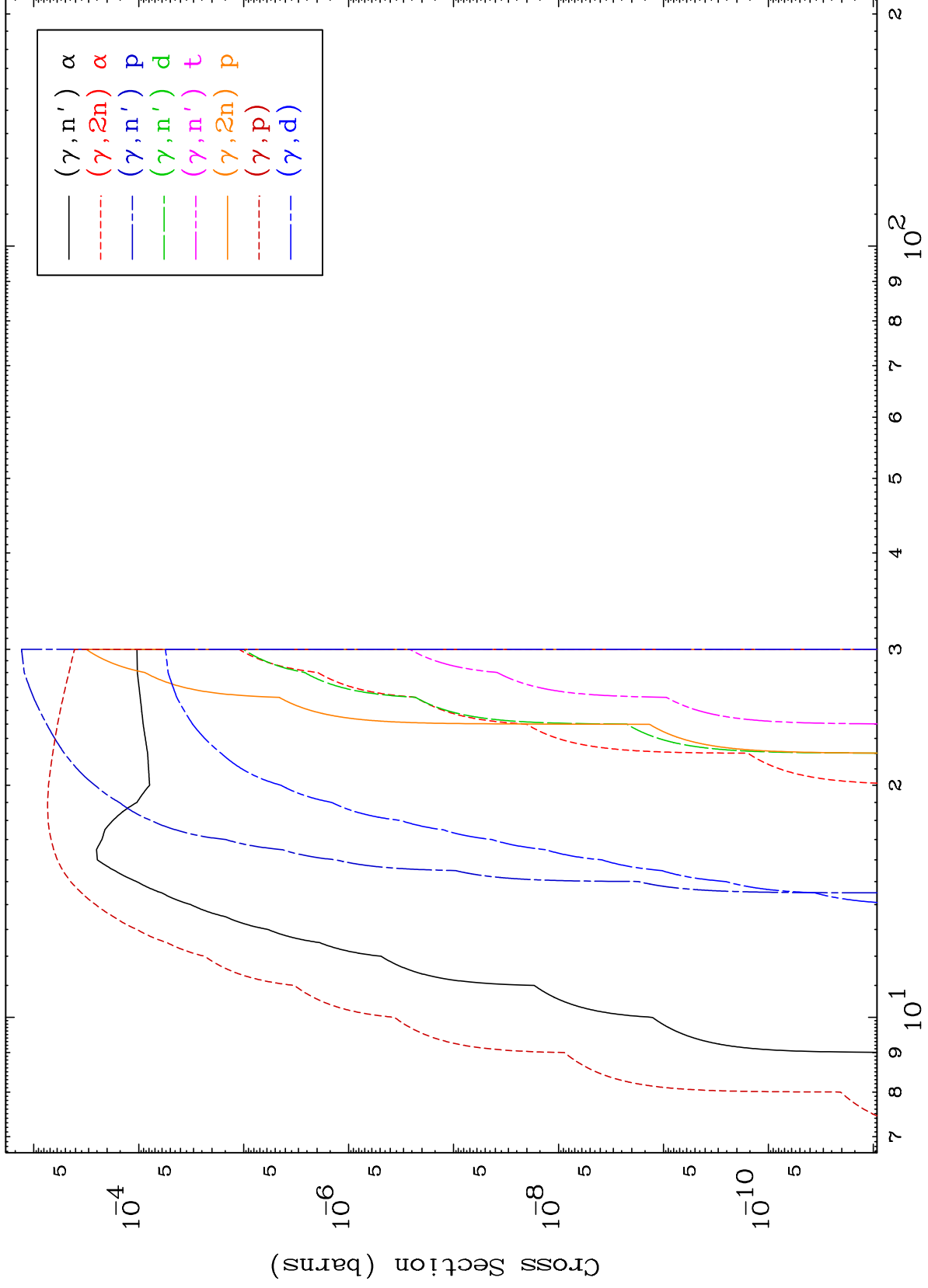
— Photon Inelastic
- - - (γ , remainder)
- - - (γ , γ)



MAT 6416

Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-149



64-Gd-149

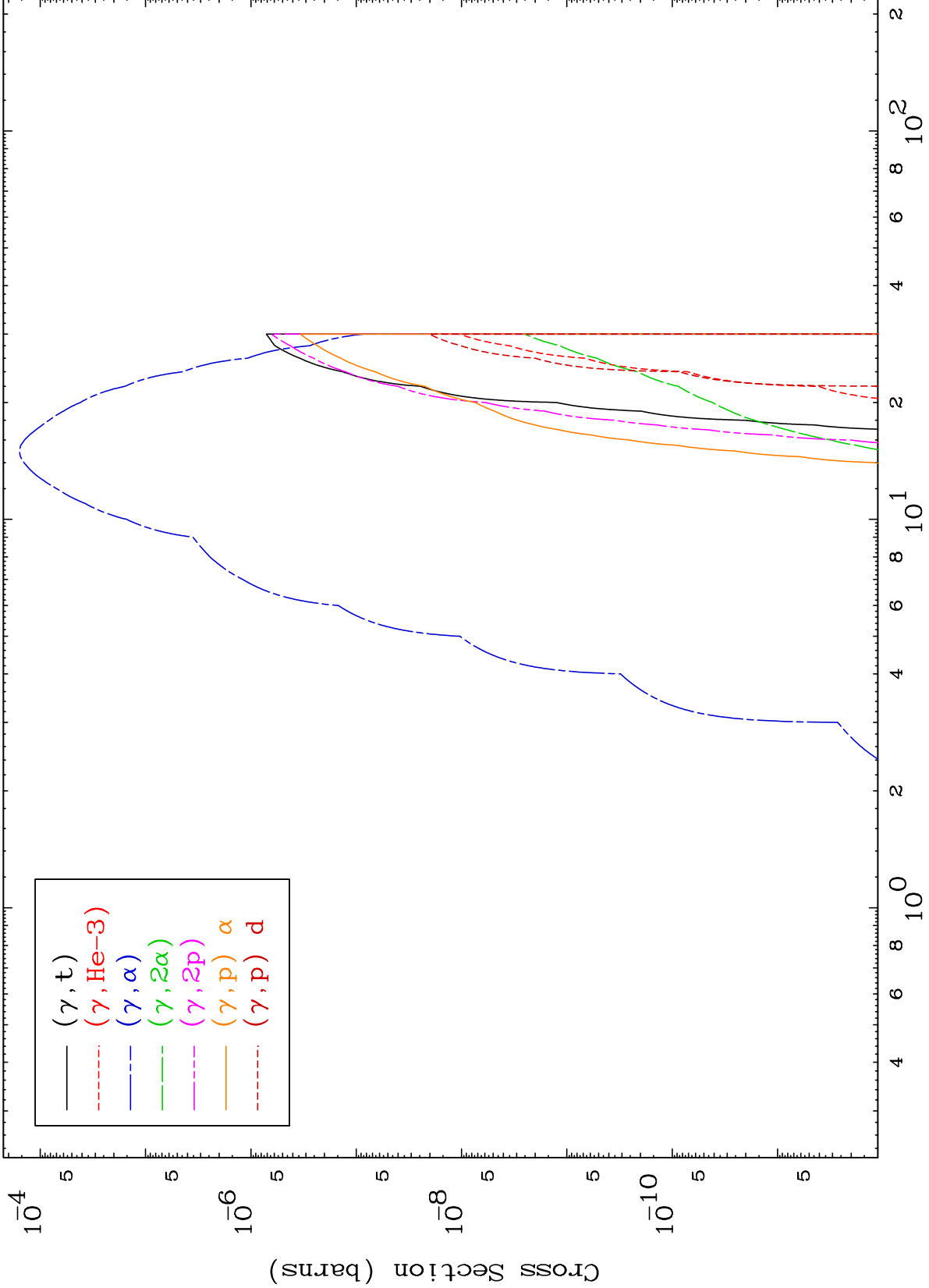
Incident Energy (MeV)

3

MAT 6416

Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-149

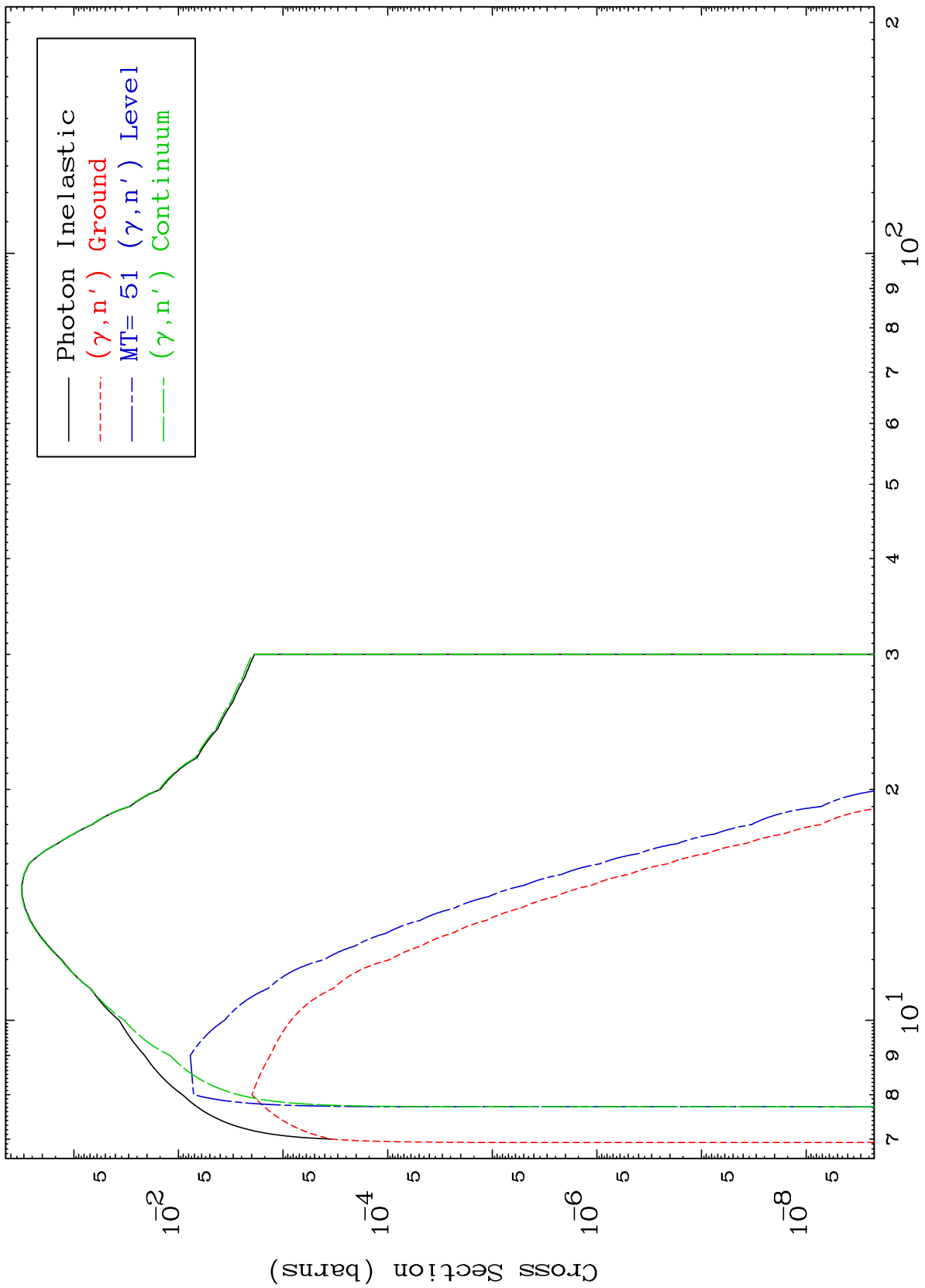


MAT 6416

(γ, n') Level

64-Gd-149

0 Kelvin Cross Sections



5

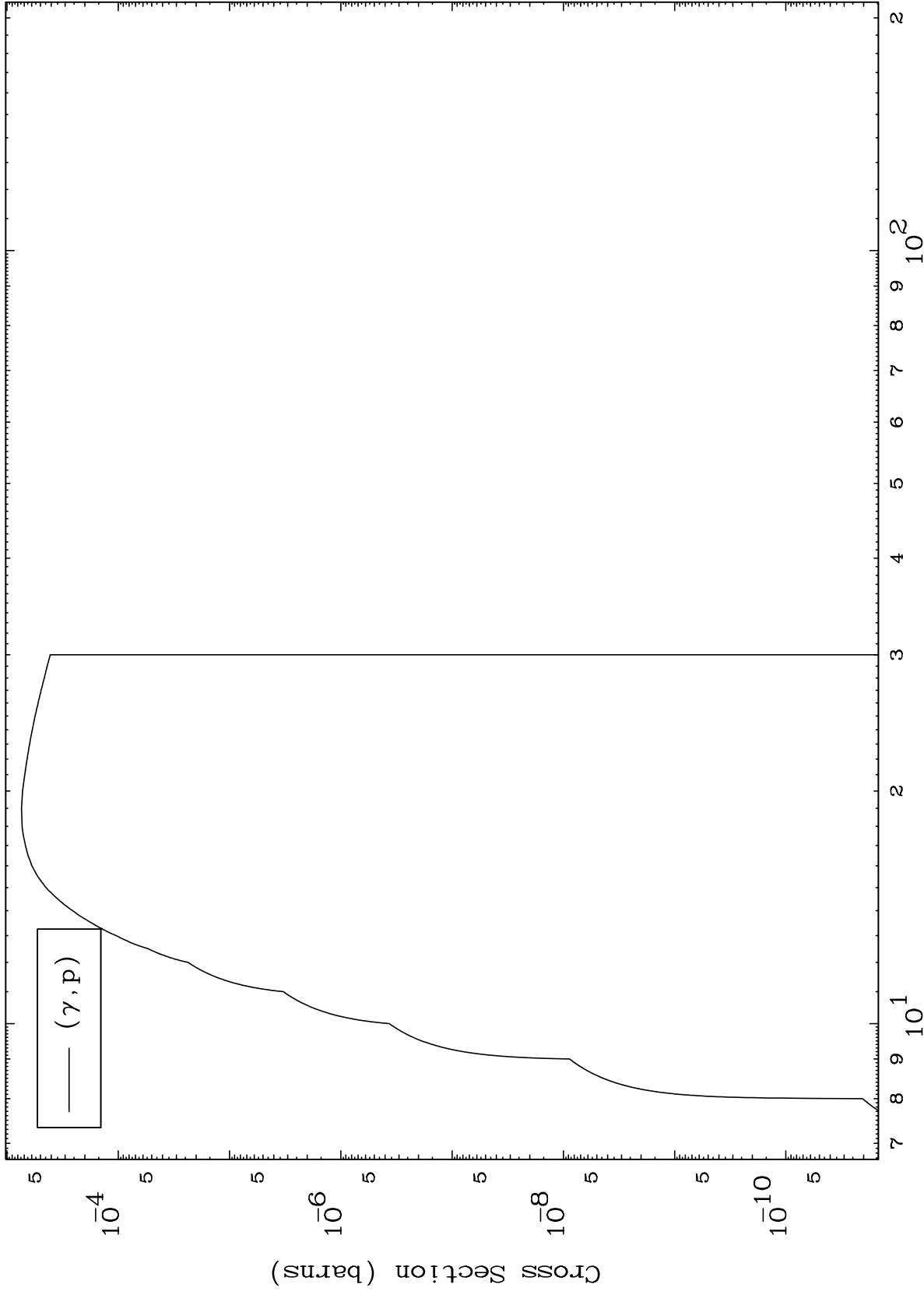
Incident Energy (MeV)

64-Gd-149

MAT 6416

64-Gd-149

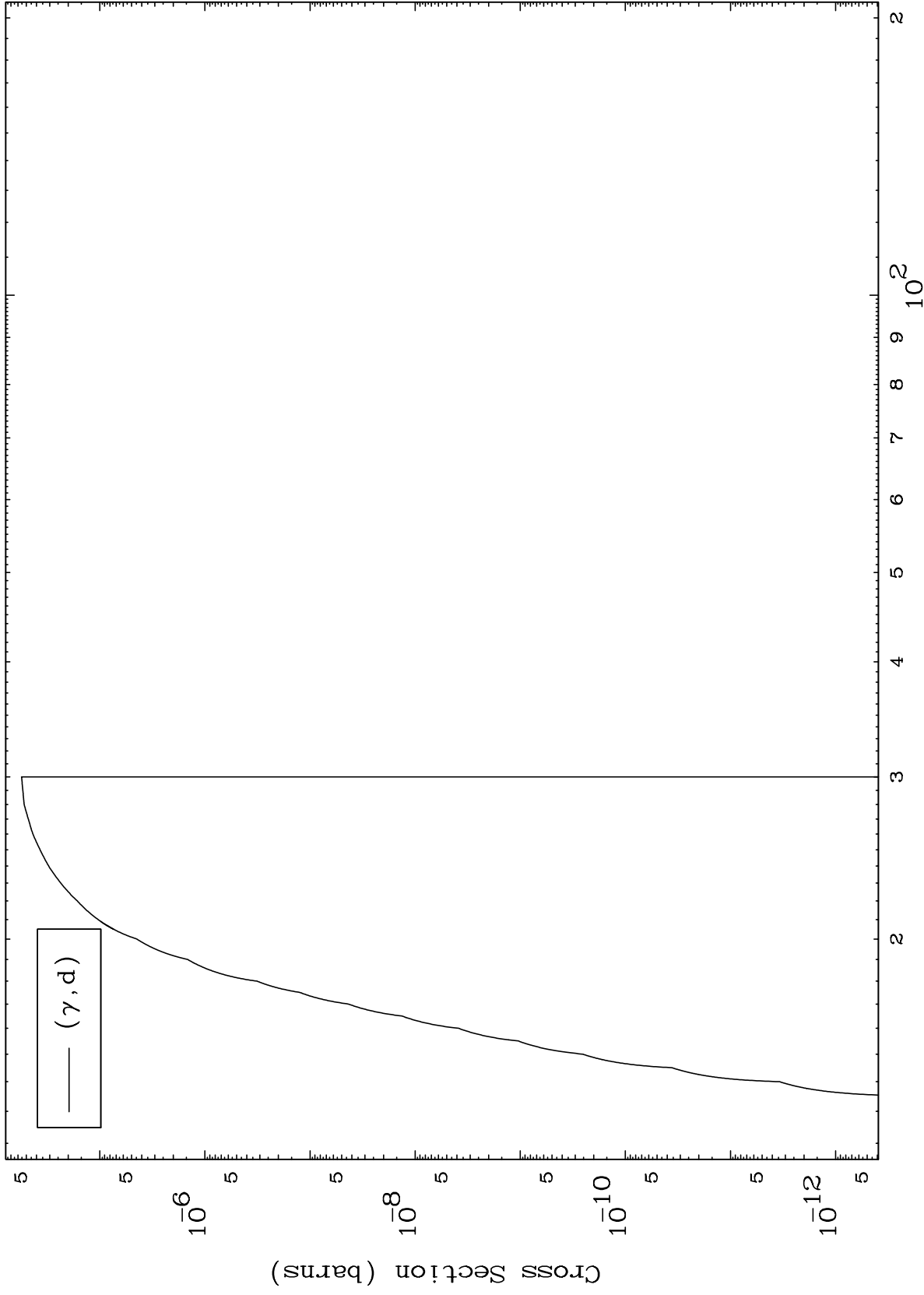
(γ, p) Levels
0 Kelvin Cross Sections



64-Gd-149

Incident Energy (MeV)

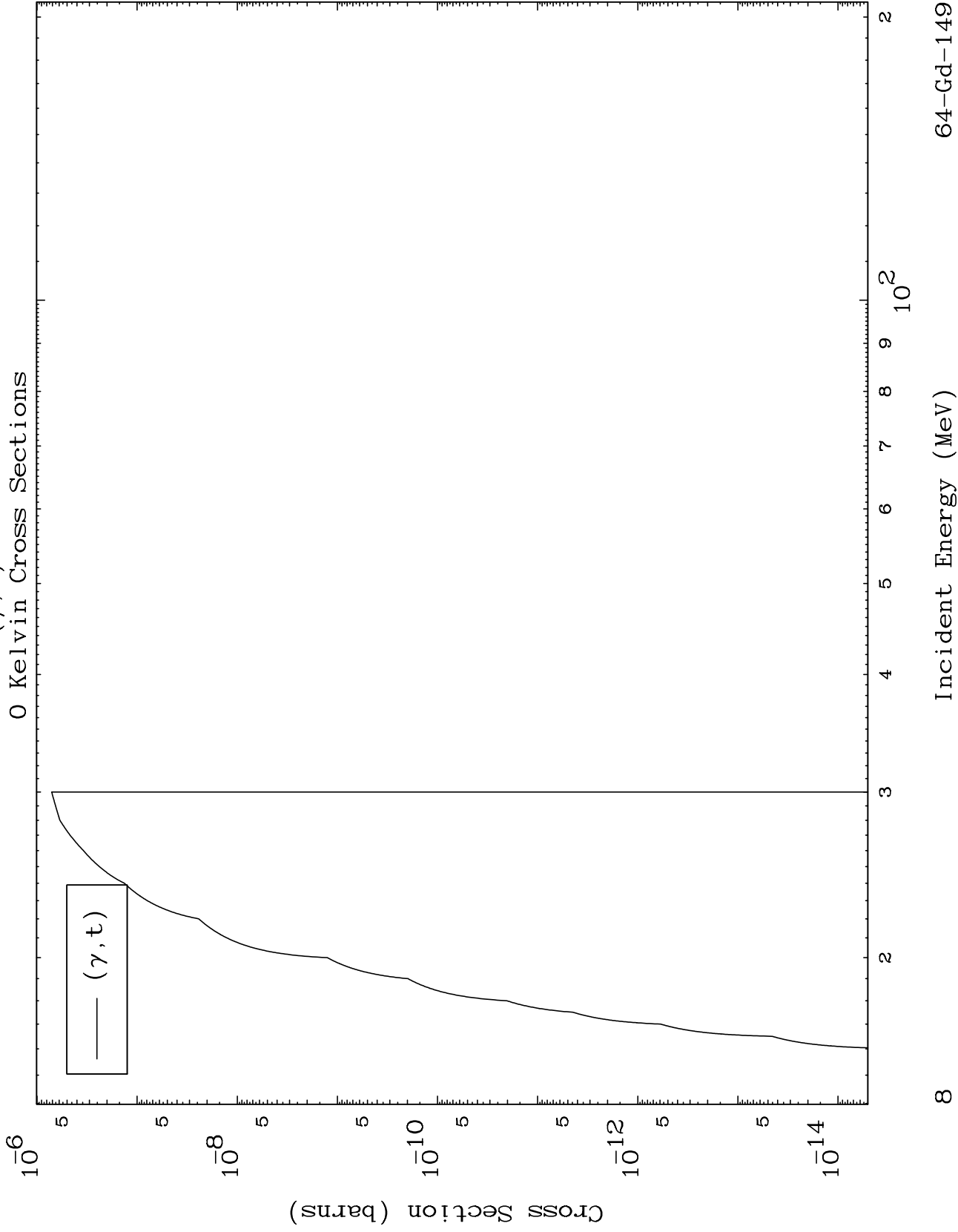
6



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(γ, t) Levels

64-Gd-149



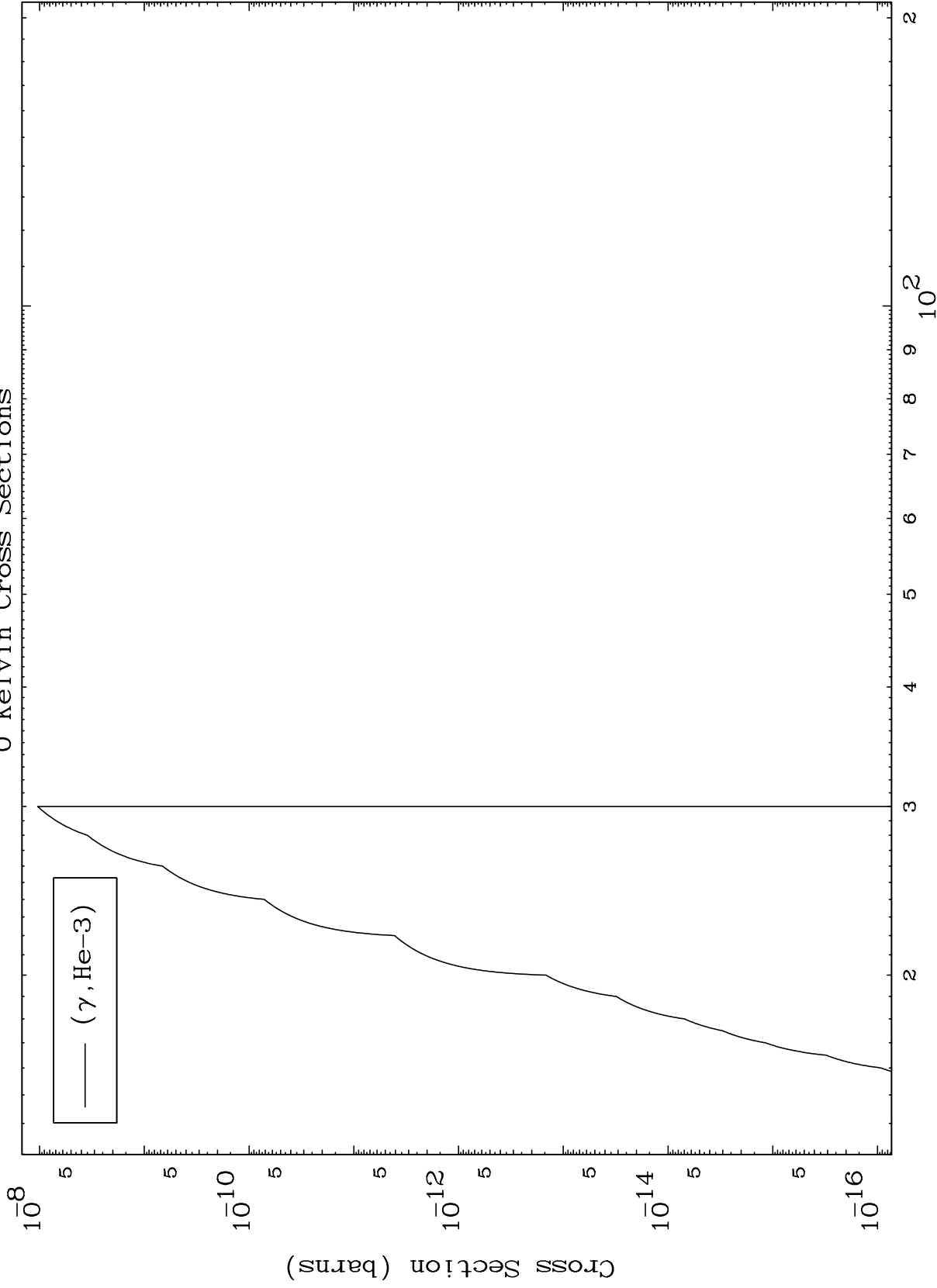
8

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($\gamma, \text{He}3$) Levels

64-Gd-149

0 Kelvin Cross Sections



9

Incident Energy (MeV)

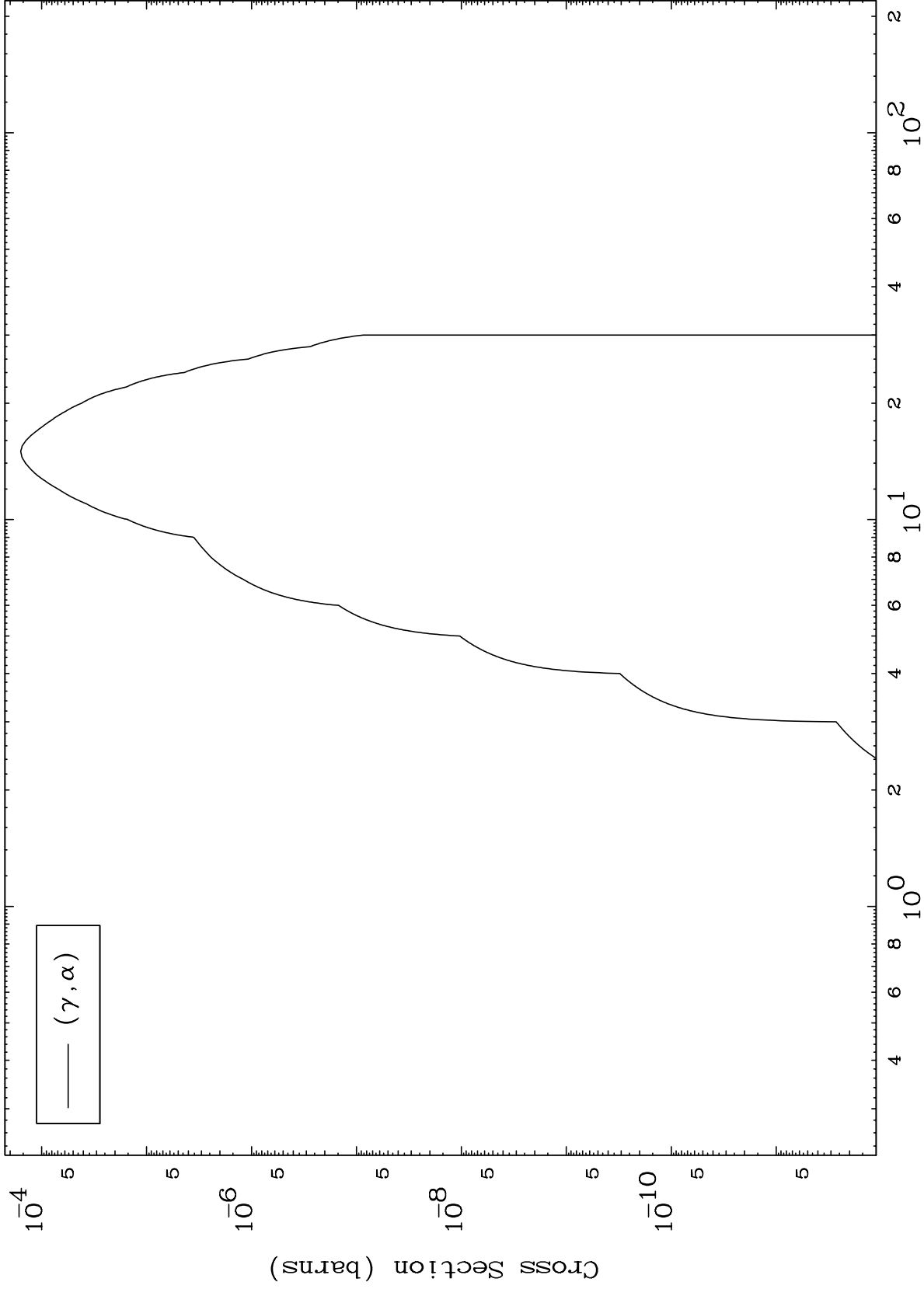
64-Gd-149

MAT 6416

(γ, α) Levels

64-Gd-149

0 Kelvin Cross Sections



10

Incident Energy (MeV)

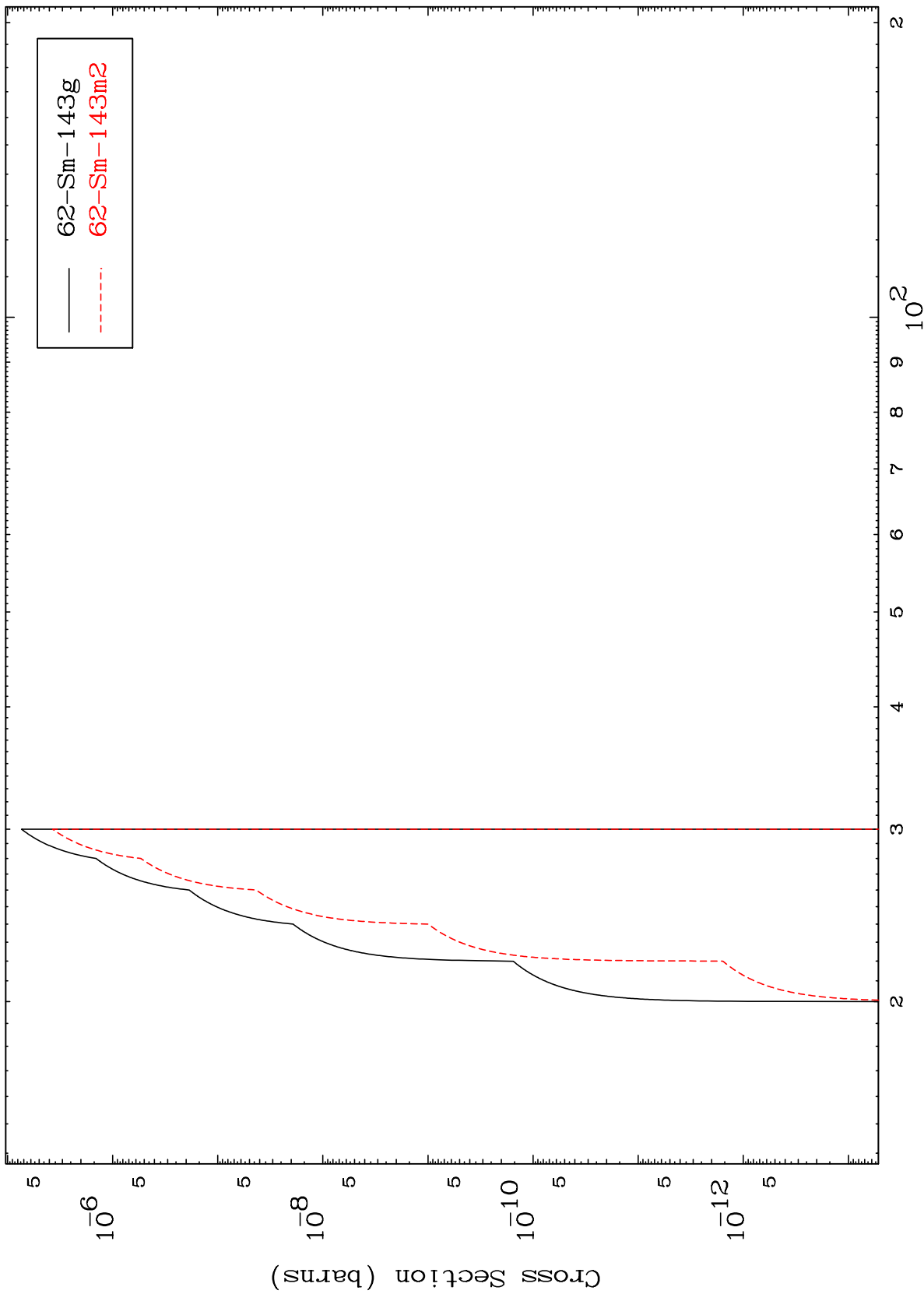
64-Gd-149

MAT 6416

$(\gamma, 2n) \alpha$

64-Gd-149

Radionuclide Production Cross Section



11

Incident Energy (MeV)

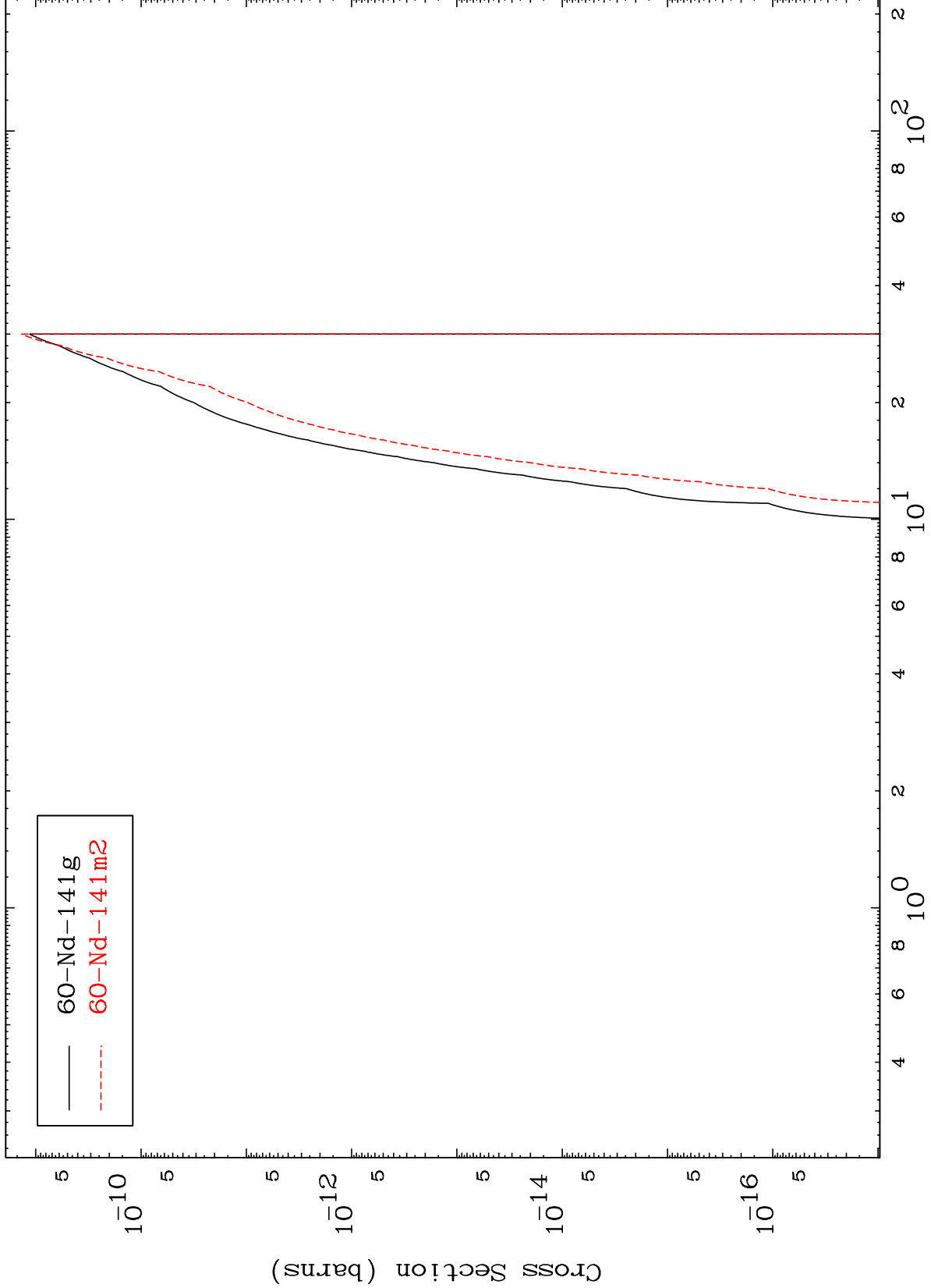
64-Gd-149

MAT 6416

($\gamma, 2\alpha$)

64-Gd-149

Radionuclide Production Cross Section



60-Nd-141g
60-Nd-141m2

12

Incident Energy (MeV)

64-Gd-149