

Program EVALPLOT
(Version 2018-1)

by

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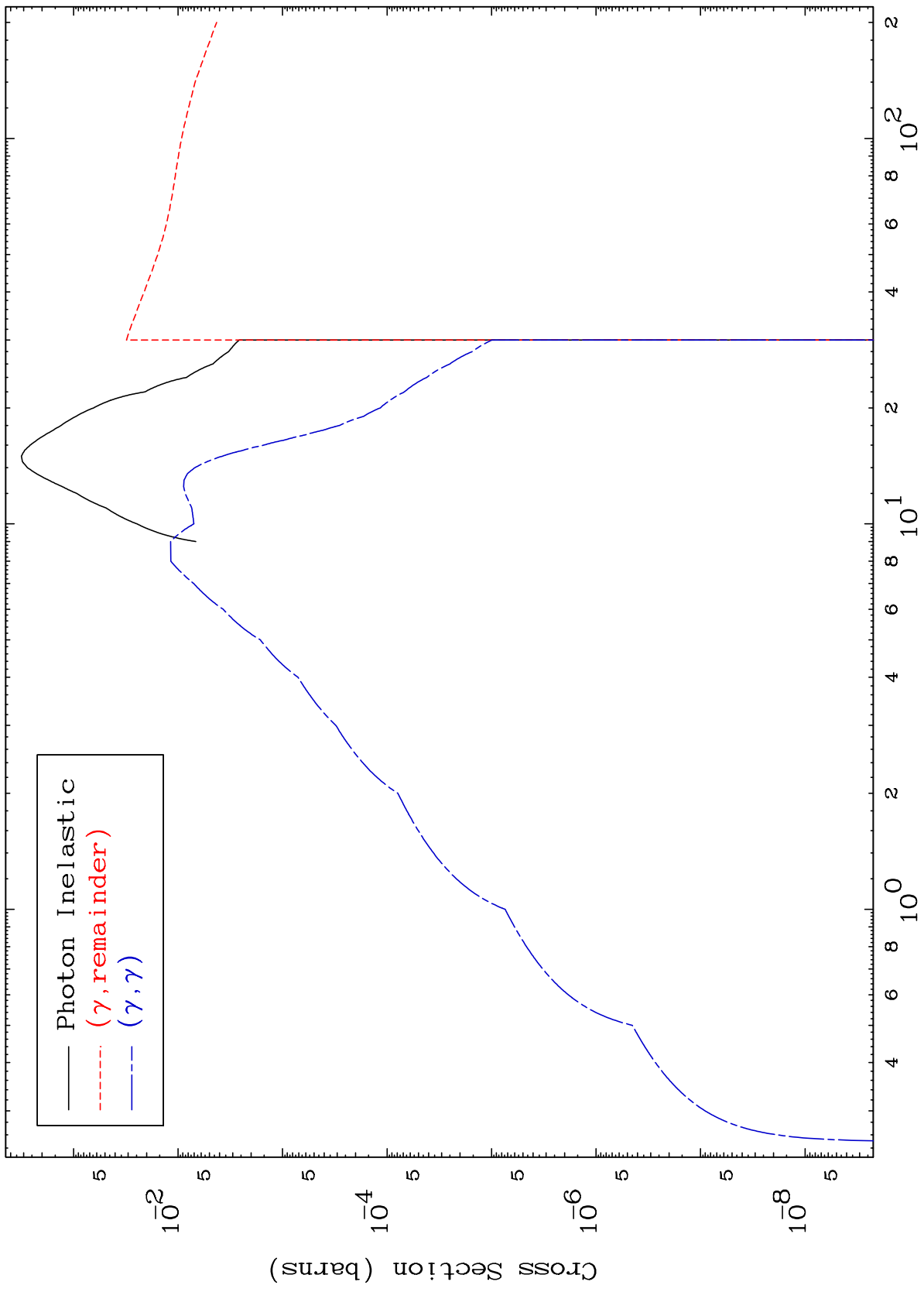
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Press Mouse Button to Start

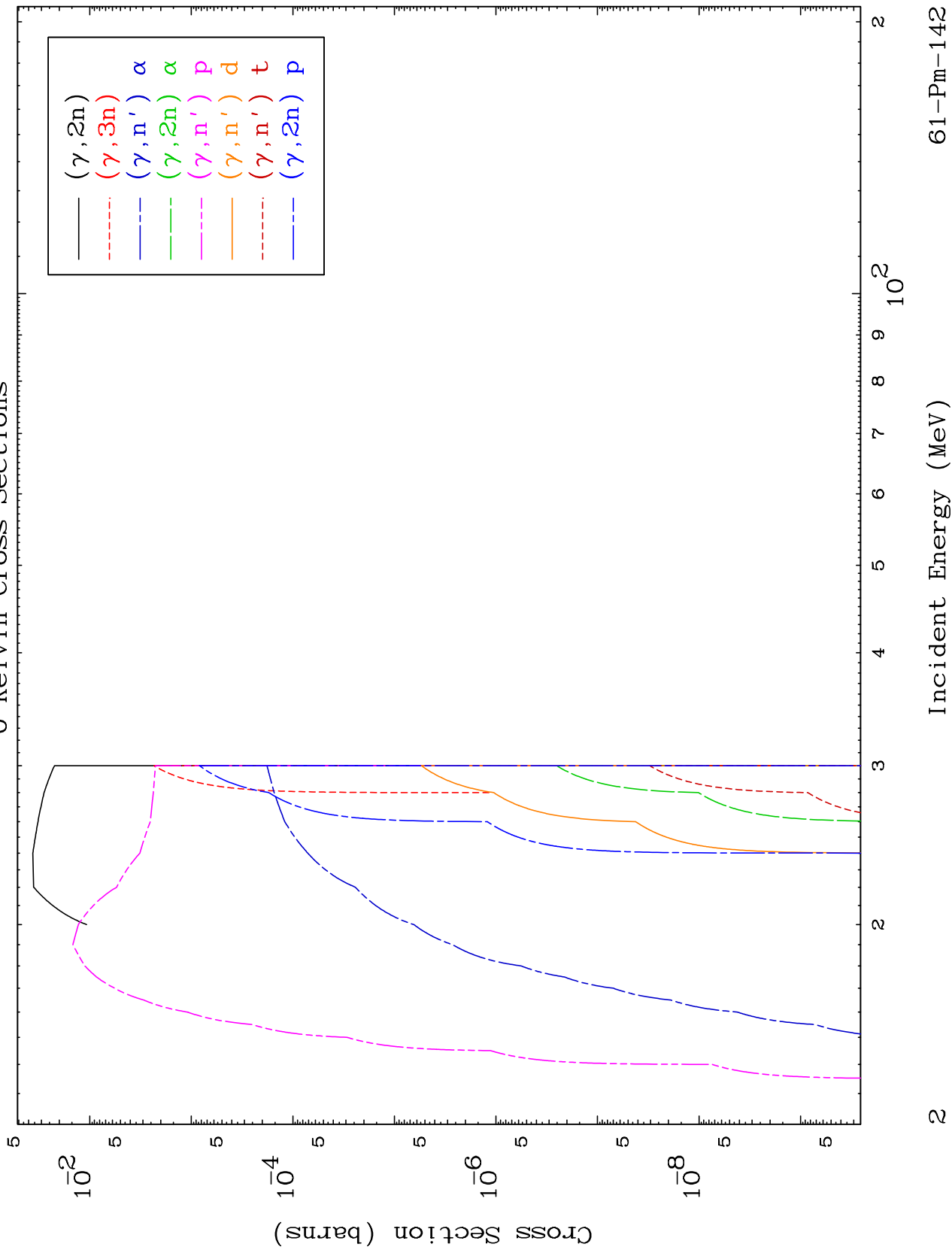
MAT 6134

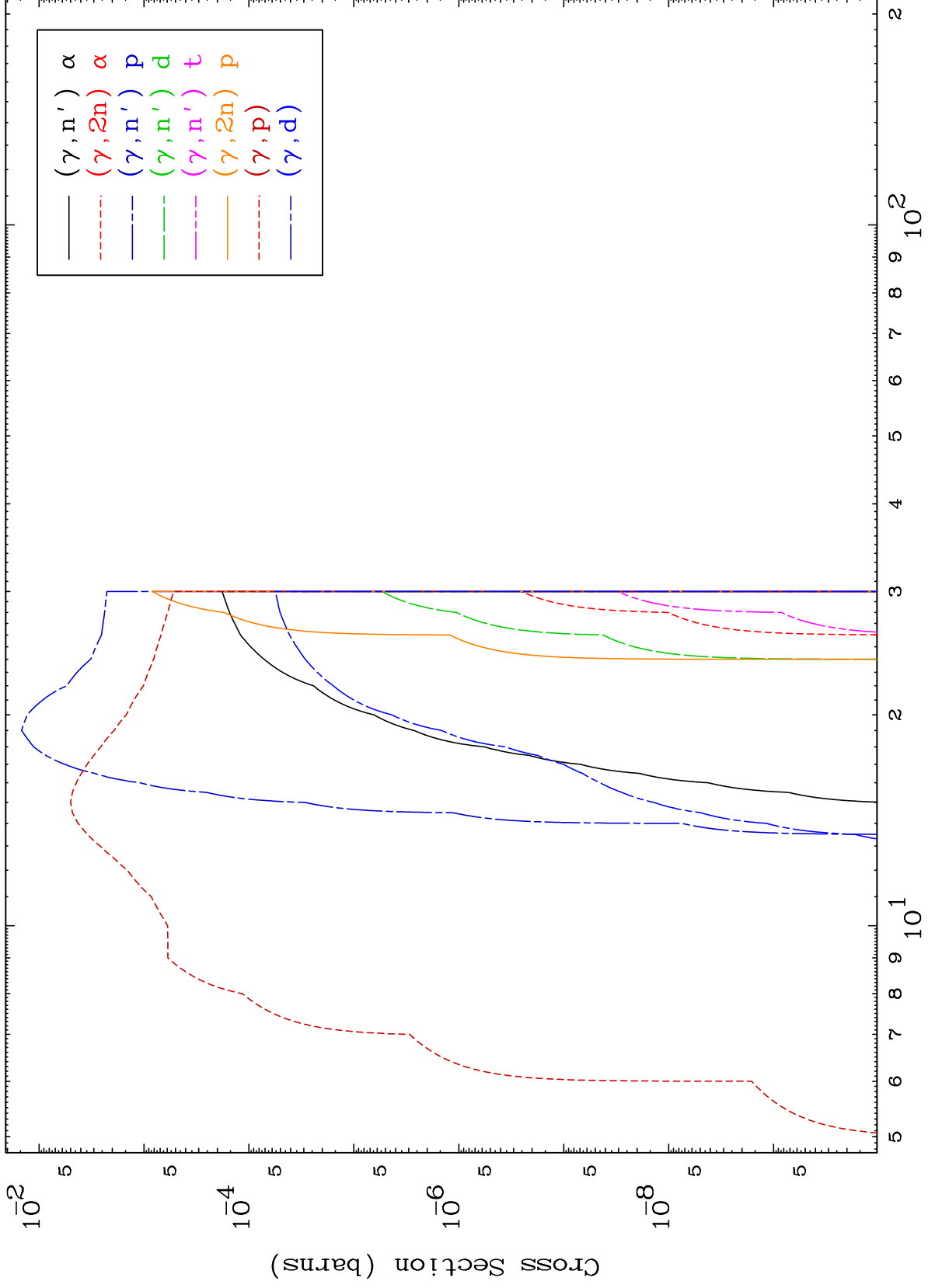
Photon Major
0 Kelvin Cross Sections

61-Pm-142



— Photon Inelastic
- - - $(\gamma, \text{remainder})$
- . - (γ, γ)

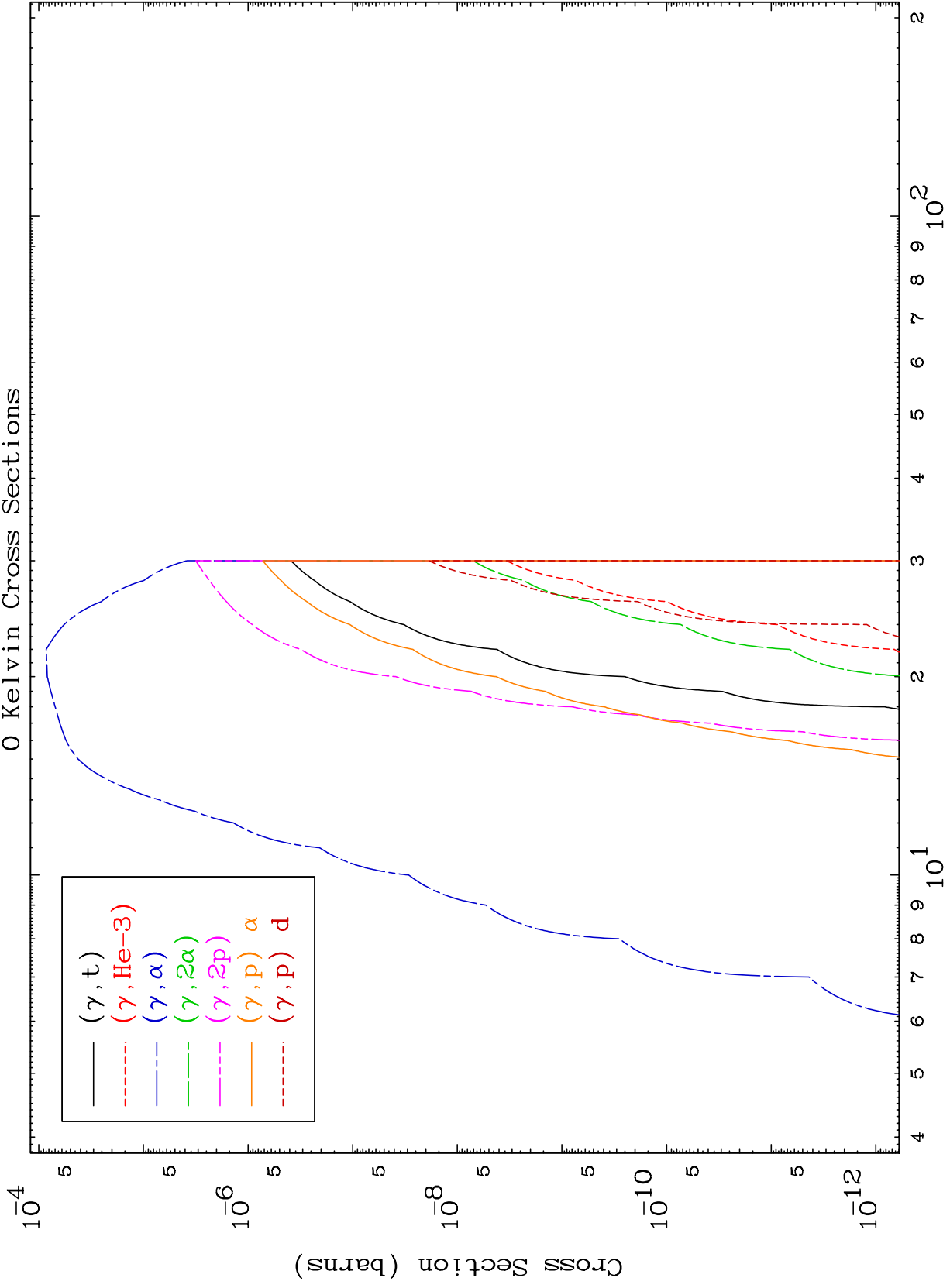




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Photon Charged Particle
0 Kelvin Cross Sections

61-Pm-142



4

Incident Energy (MeV)

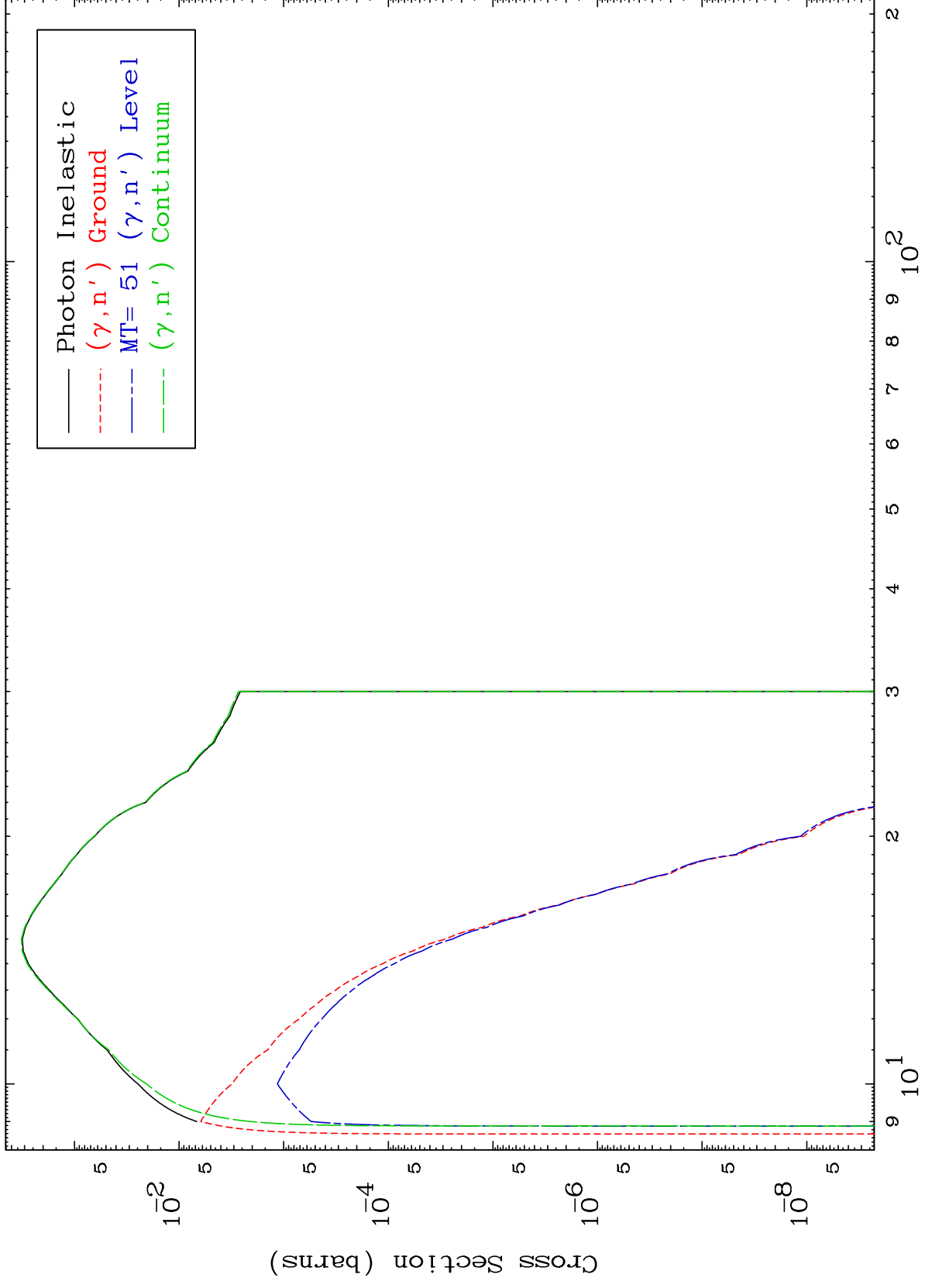
61-Pm-142

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(γ, n') Level

61-Pm-142

0 Kelvin Cross Sections



Incident Energy (MeV)

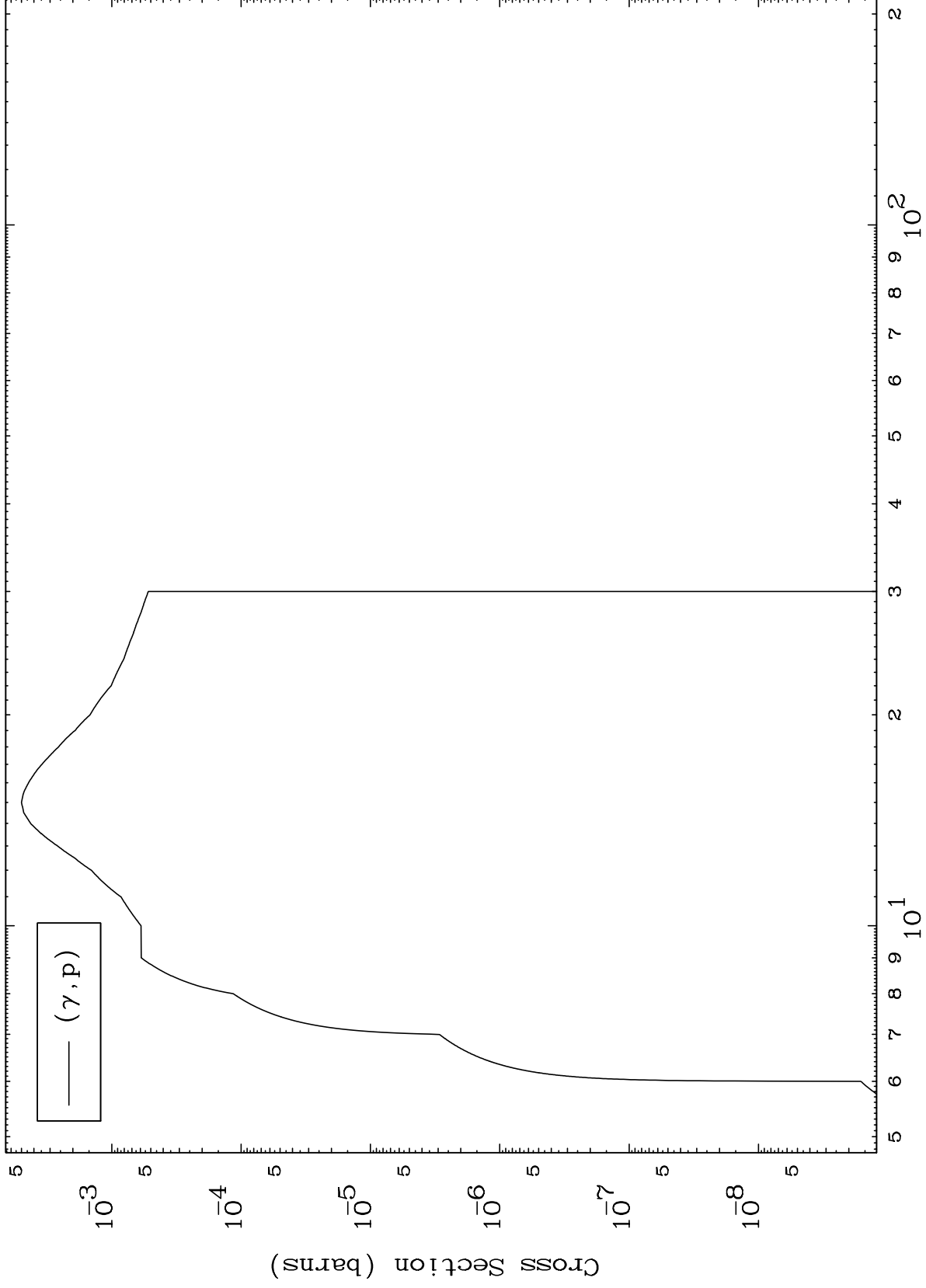
61-Pm-142

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(γ, p) Levels
0 Kelvin Cross Sections

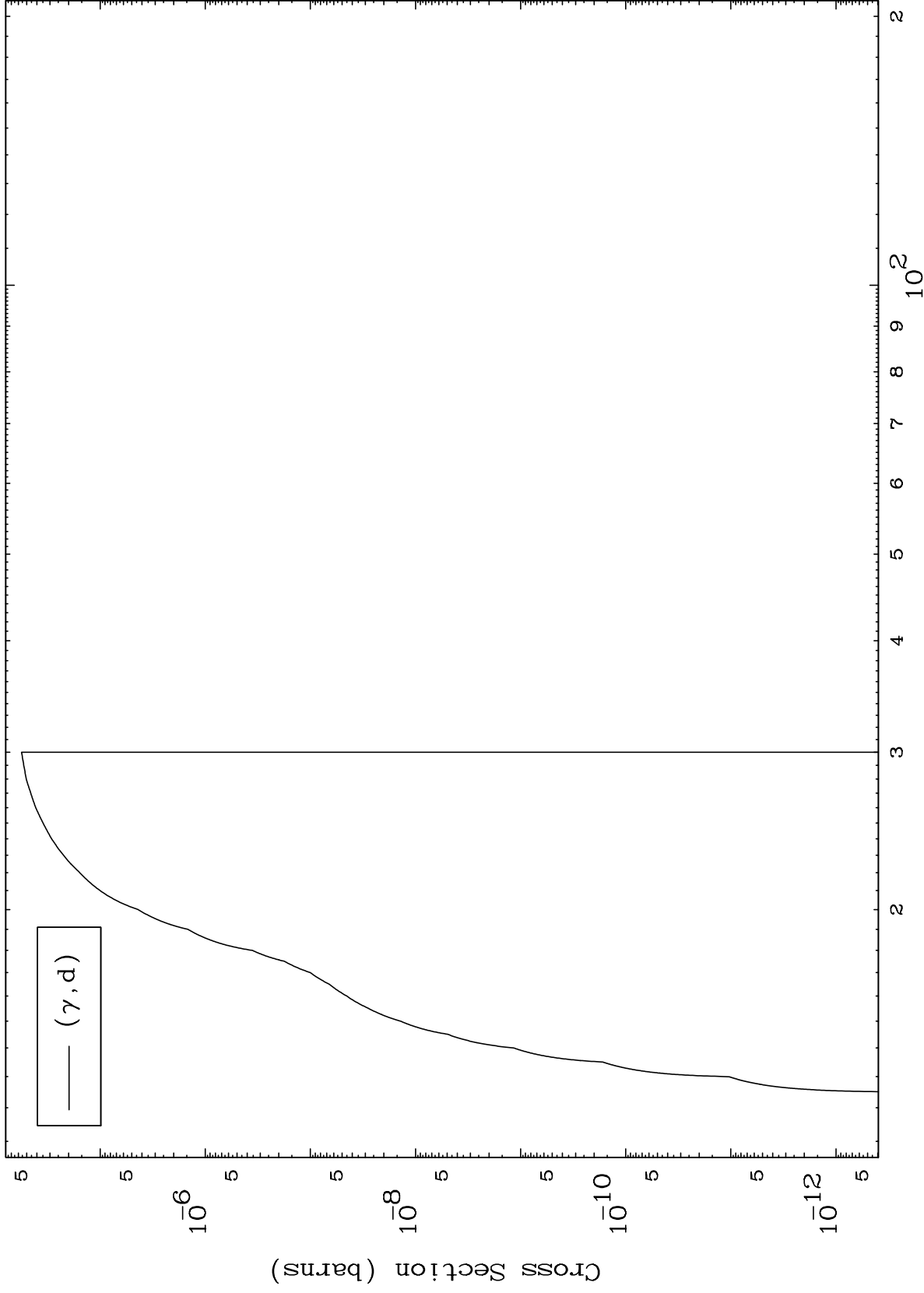
61-Pm-142

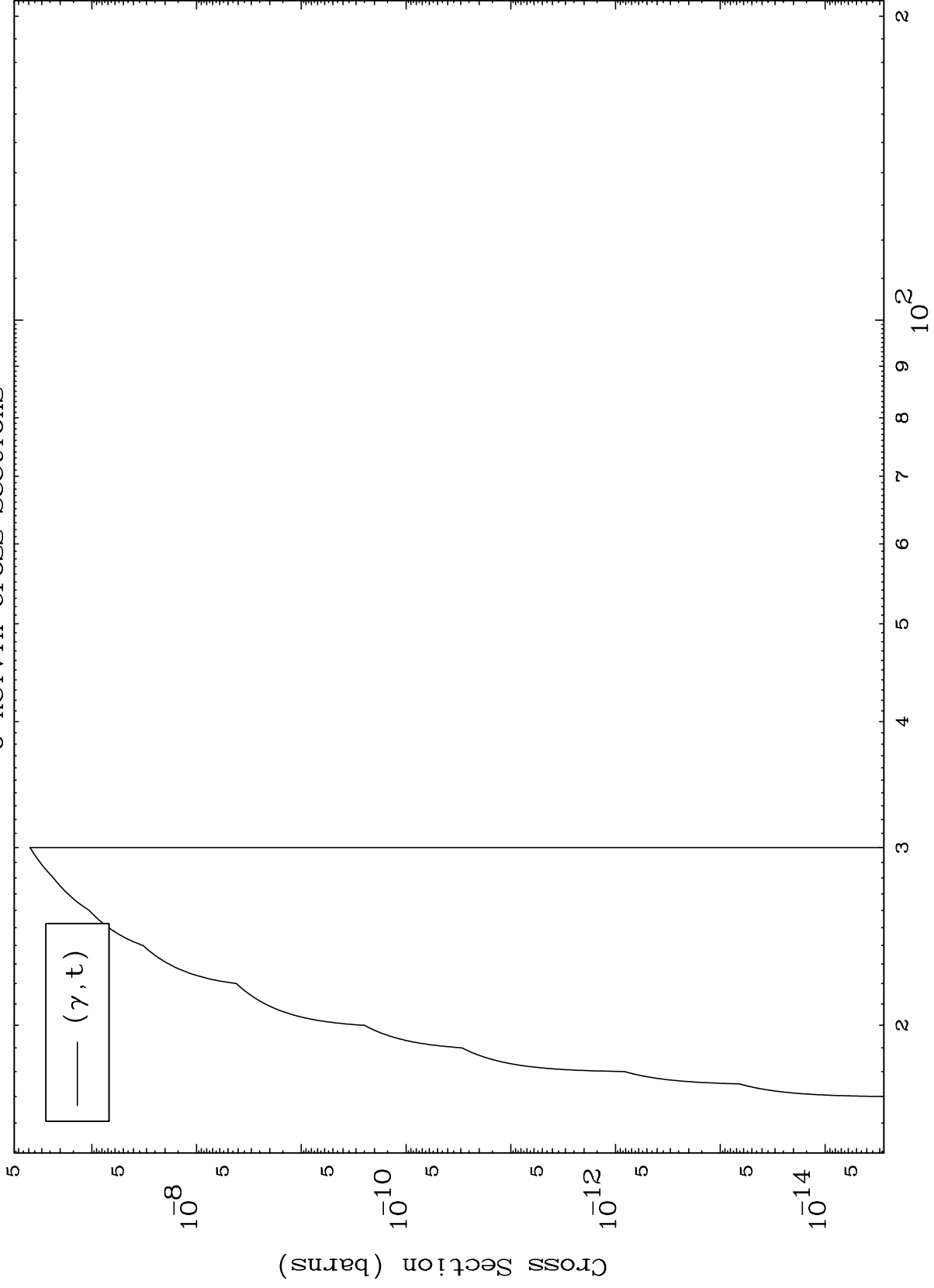


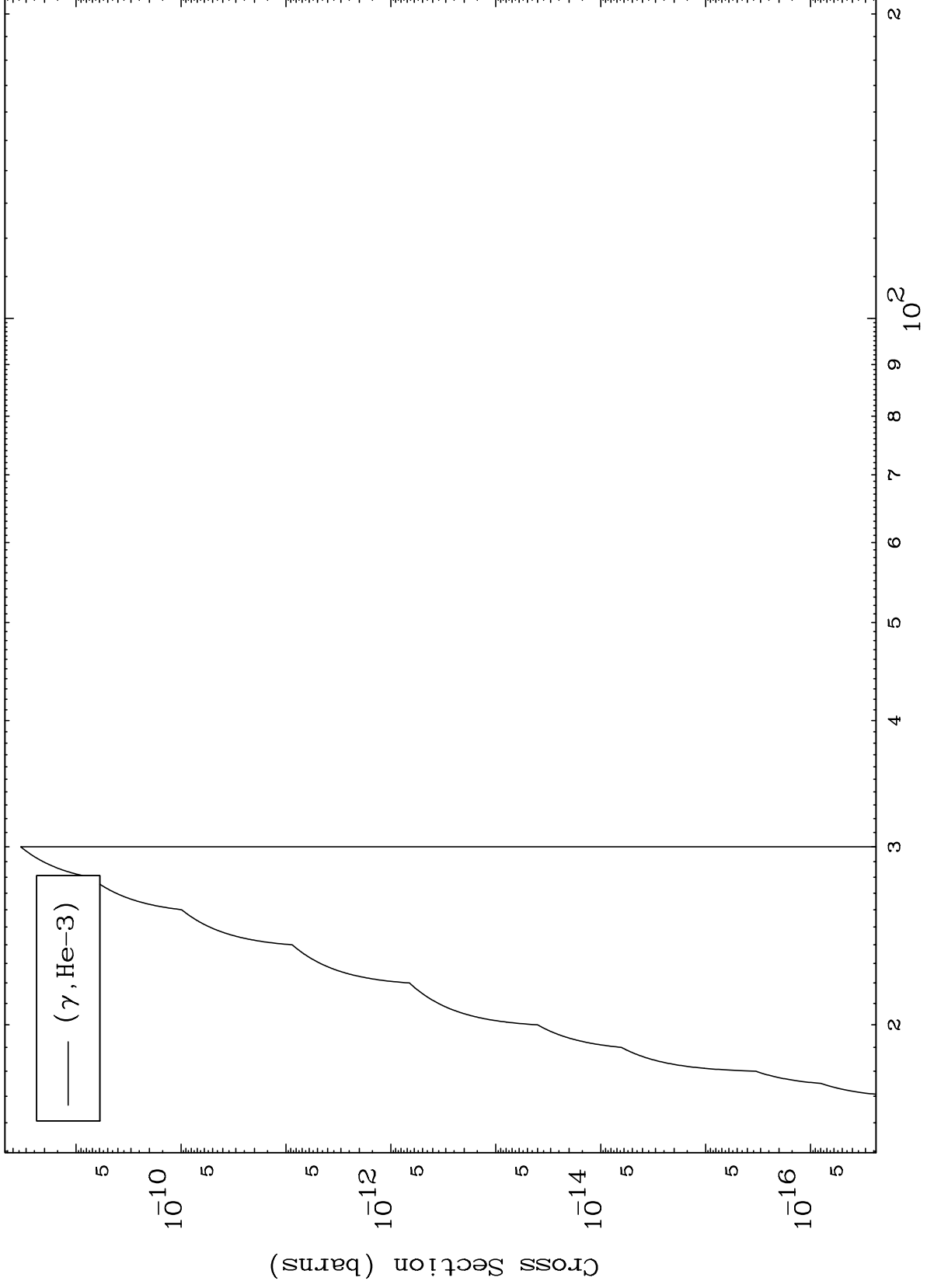
6

Incident Energy (MeV)

61-Pm-142



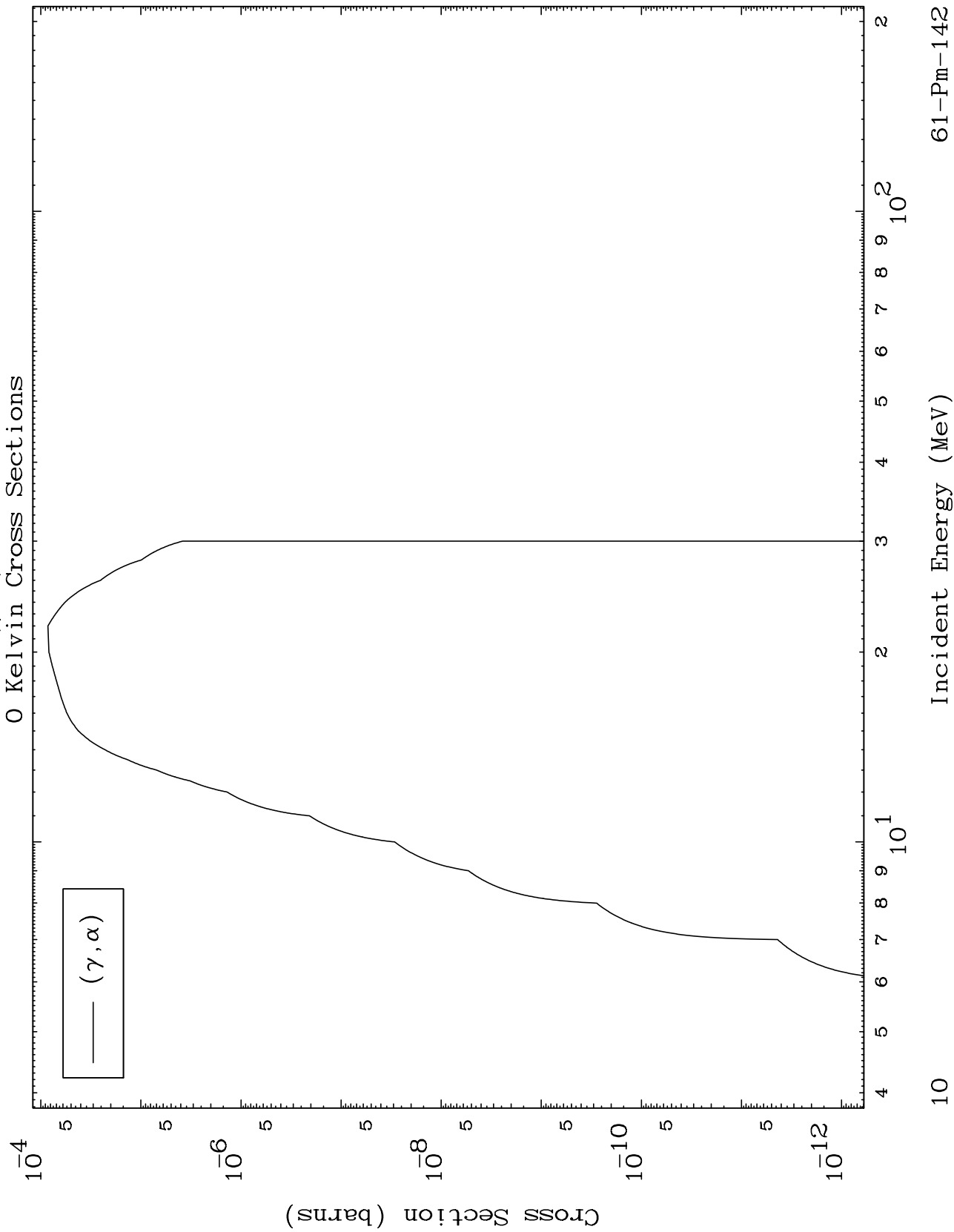




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(γ, α) Levels

61-Pm-142

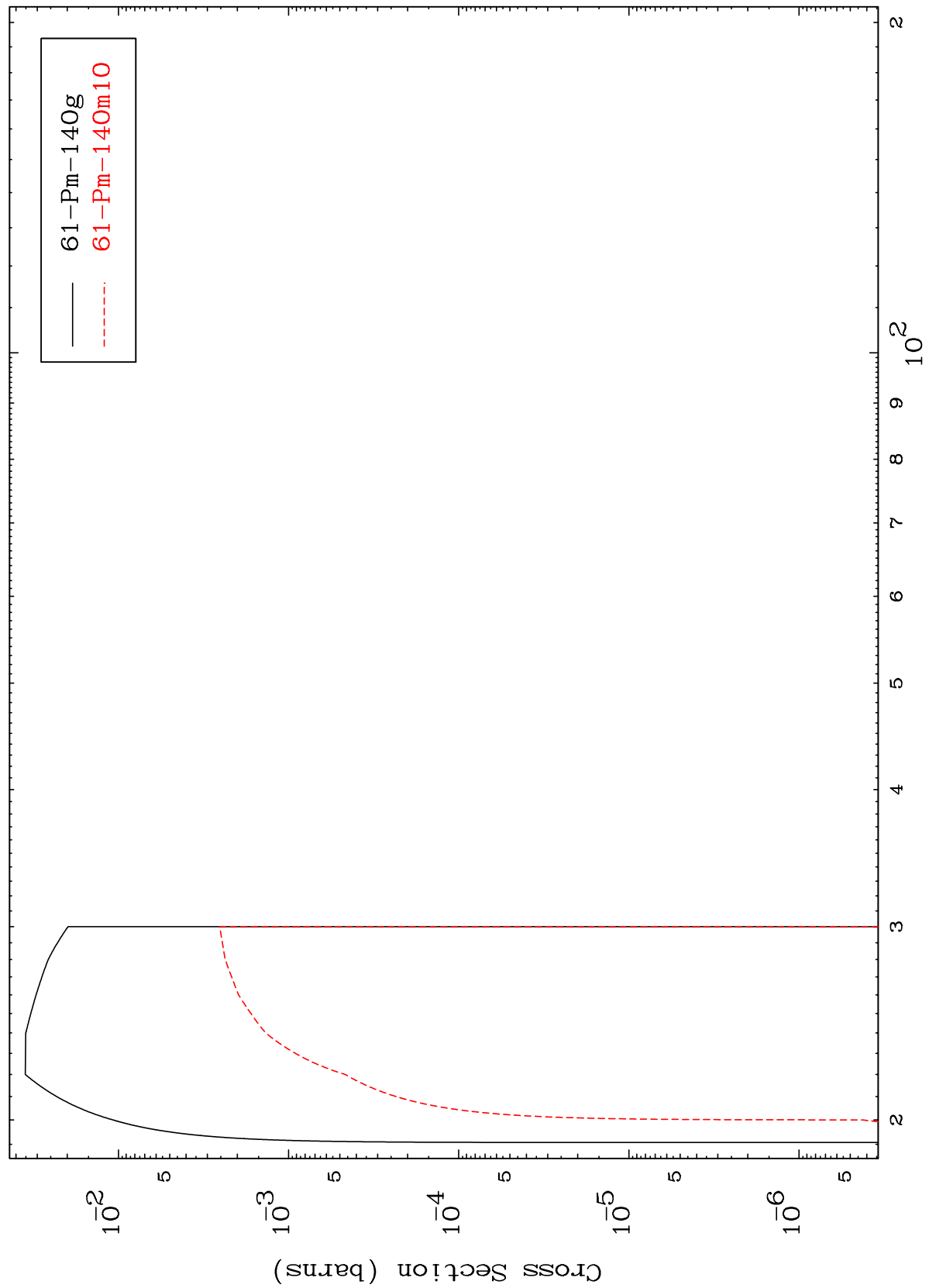


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61-Pm-142

($\gamma, 2n$)

Radionuclide Production Cross Section



61-Pm-140g
61-Pm-140m10

11

Incident Energy (MeV)

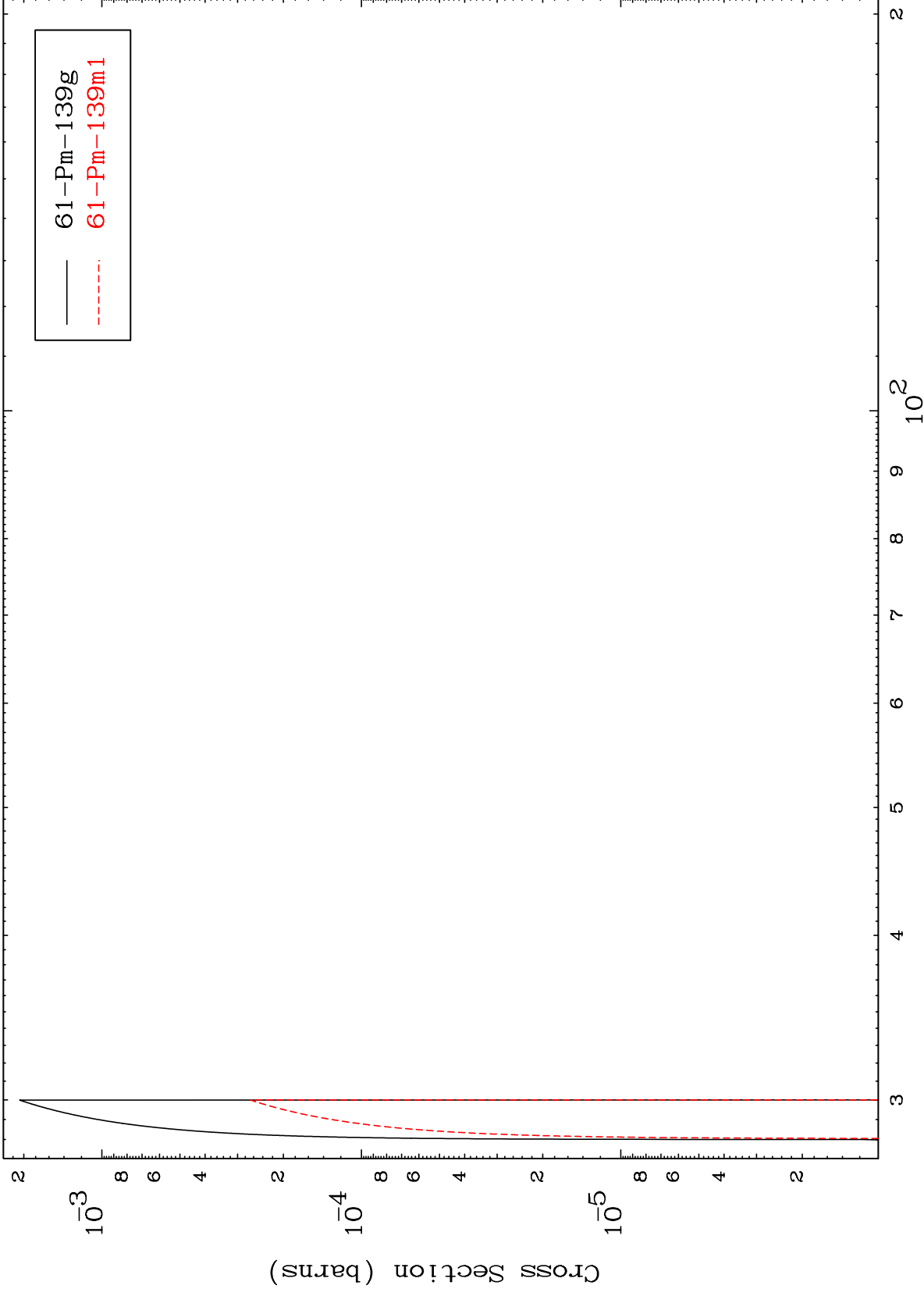
61-Pm-142

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($\gamma, 3n$)

61-Pm-142

Radionuclide Production Cross Section



61-Pm-139g
61-Pm-139m1

12

Incident Energy (MeV)

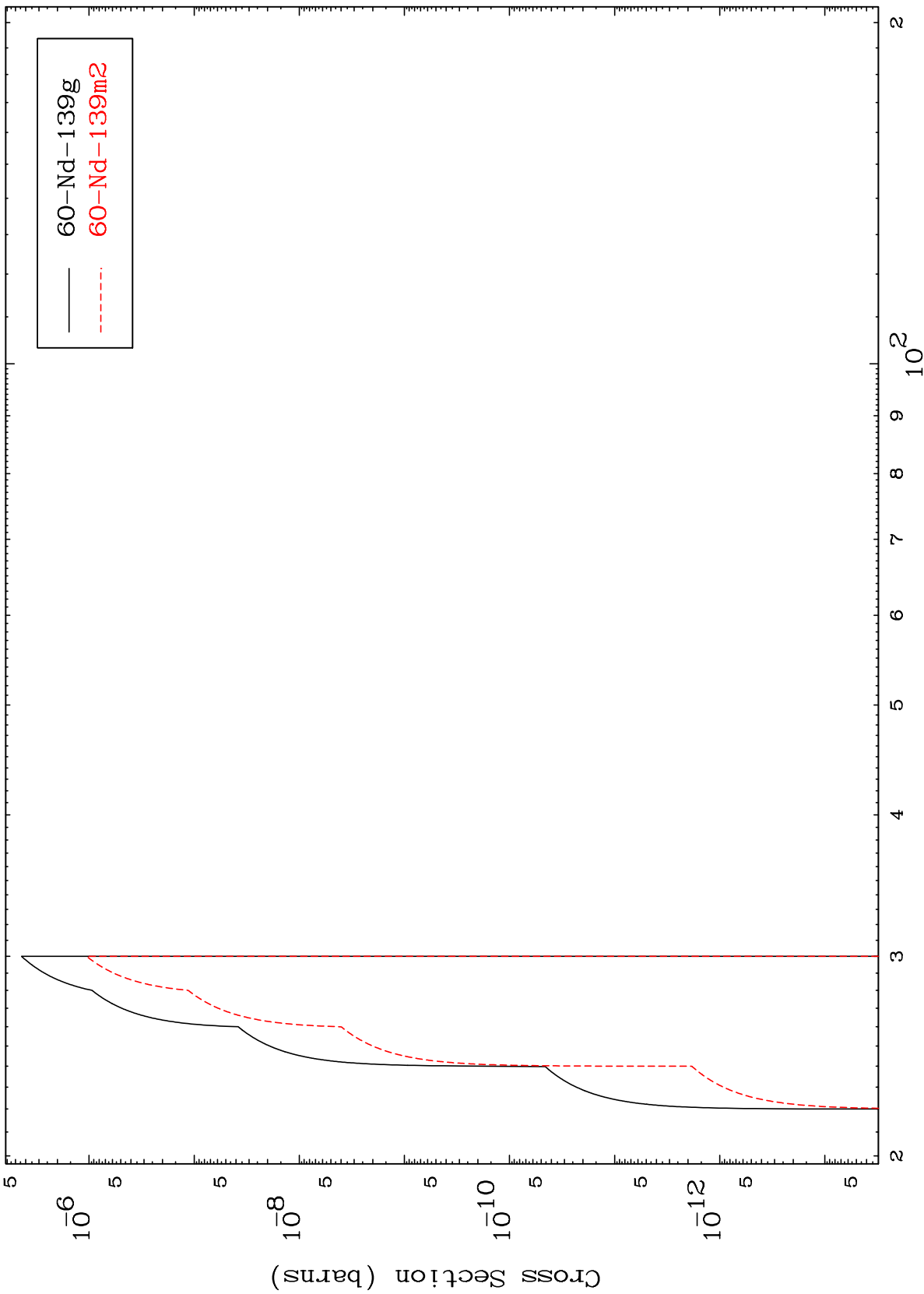
61-Pm-142

MAT 6134

(γ, n') d

61-Pm-142

Radionuclide Production Cross Section



13

Incident Energy (MeV)

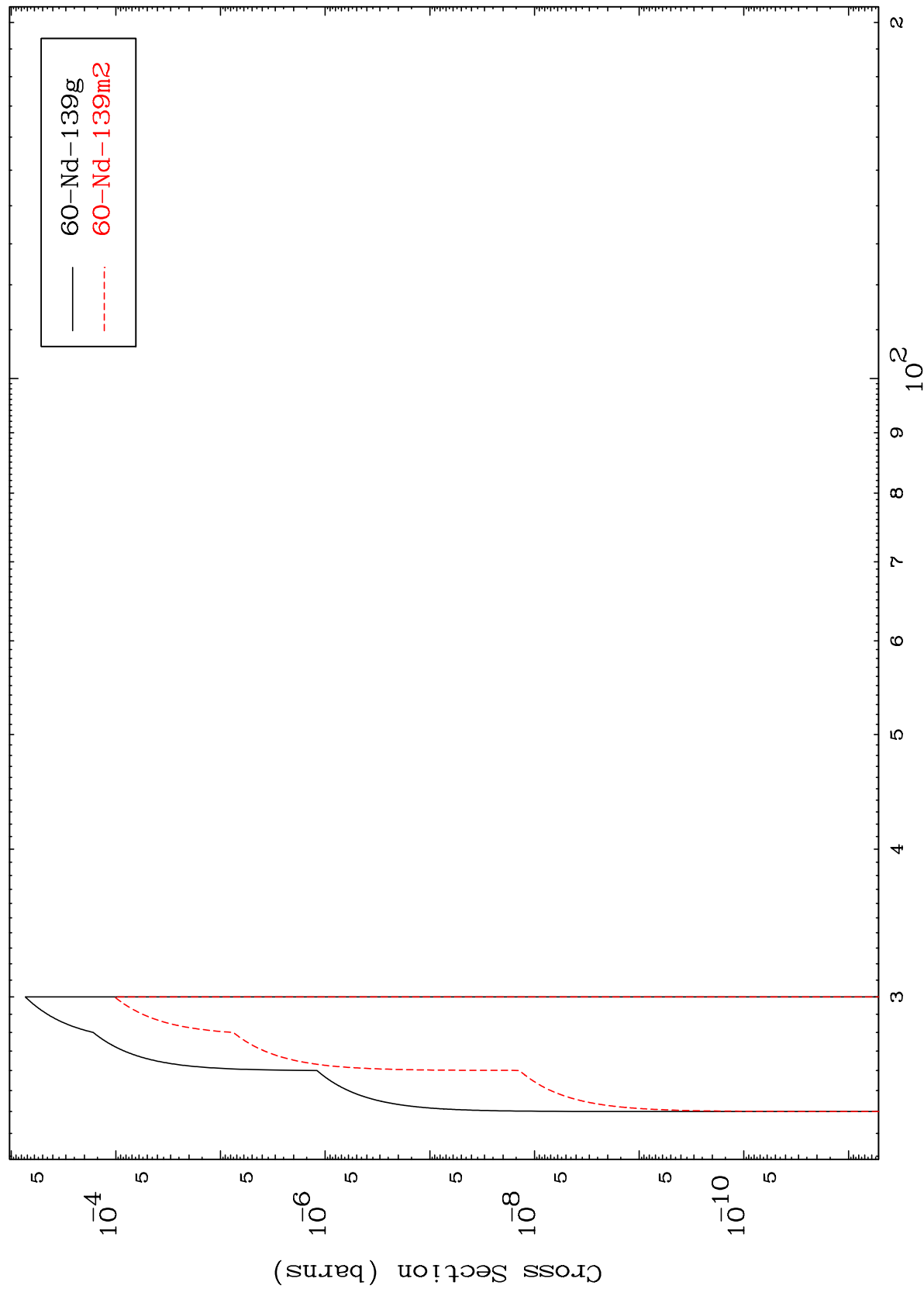
61-Pm-142

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($\gamma, 2n$) p

61-Pm-142

Radionuclide Production Cross Section



14

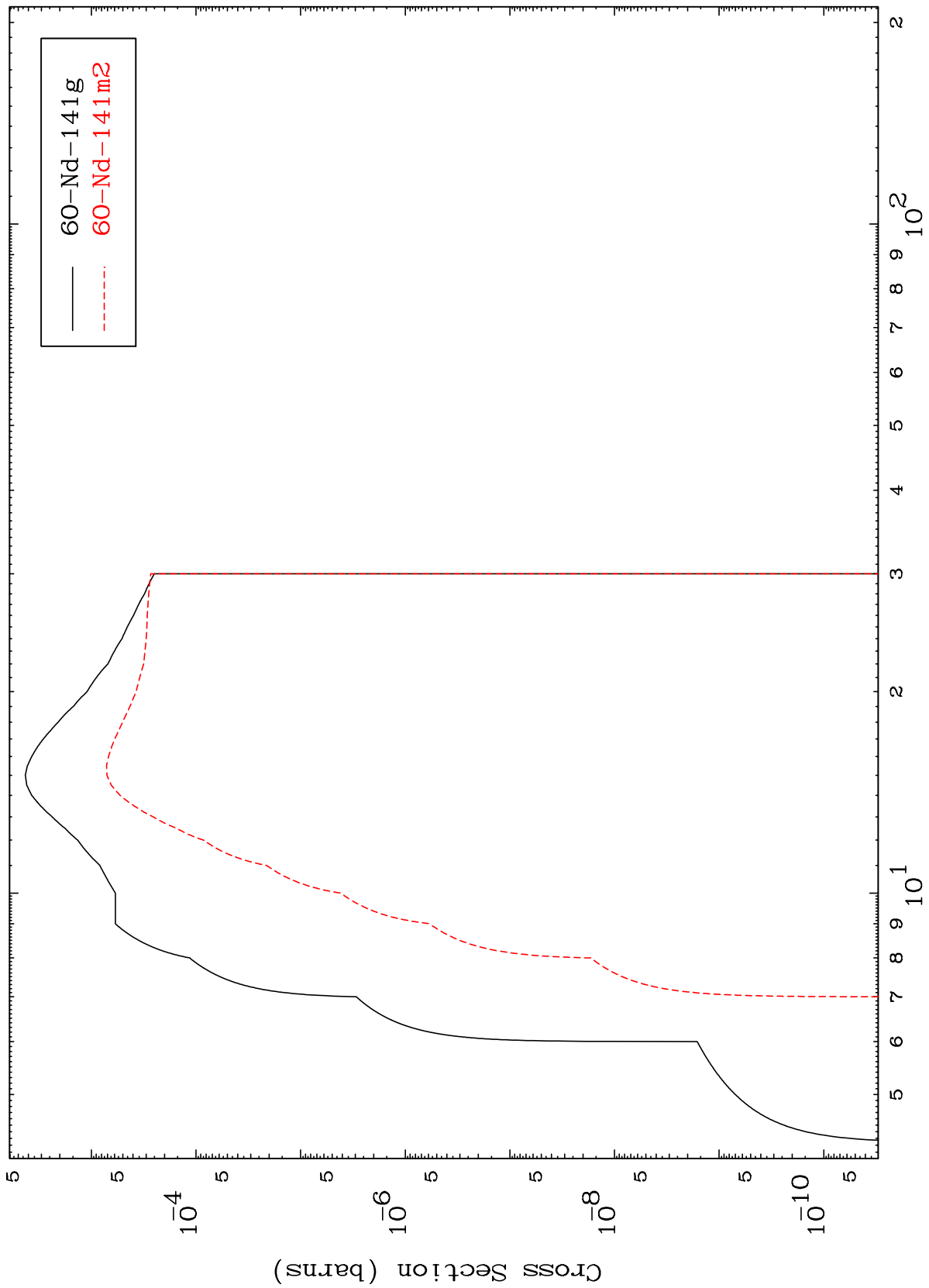
Incident Energy (MeV)

61-Pm-142

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61-Pm-142

(γ, p)
Radionuclide Production Cross Section



15

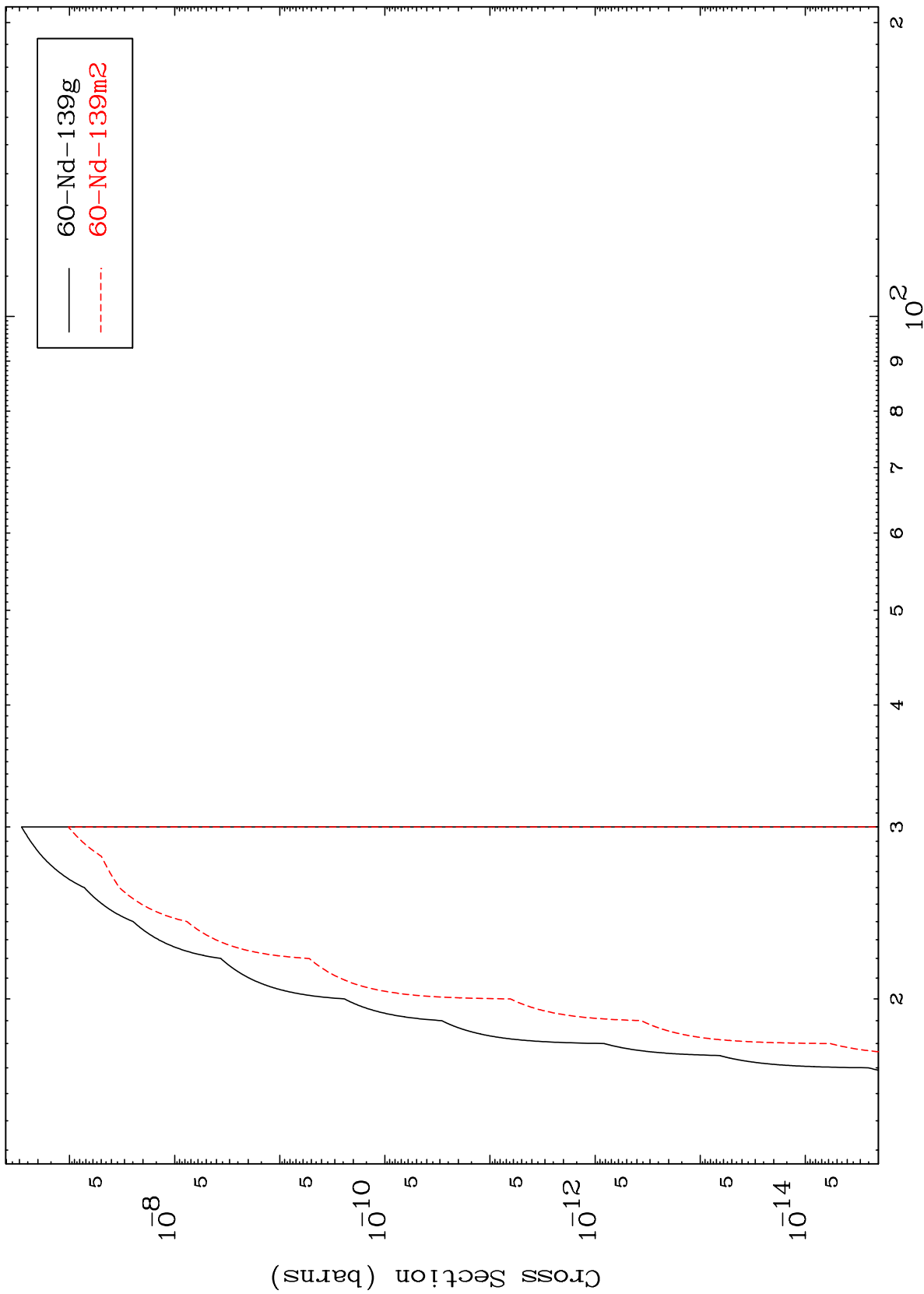
Incident Energy (MeV)

61-Pm-142

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61-Pm-142

(γ, t)
Radionuclide Production Cross Section



16

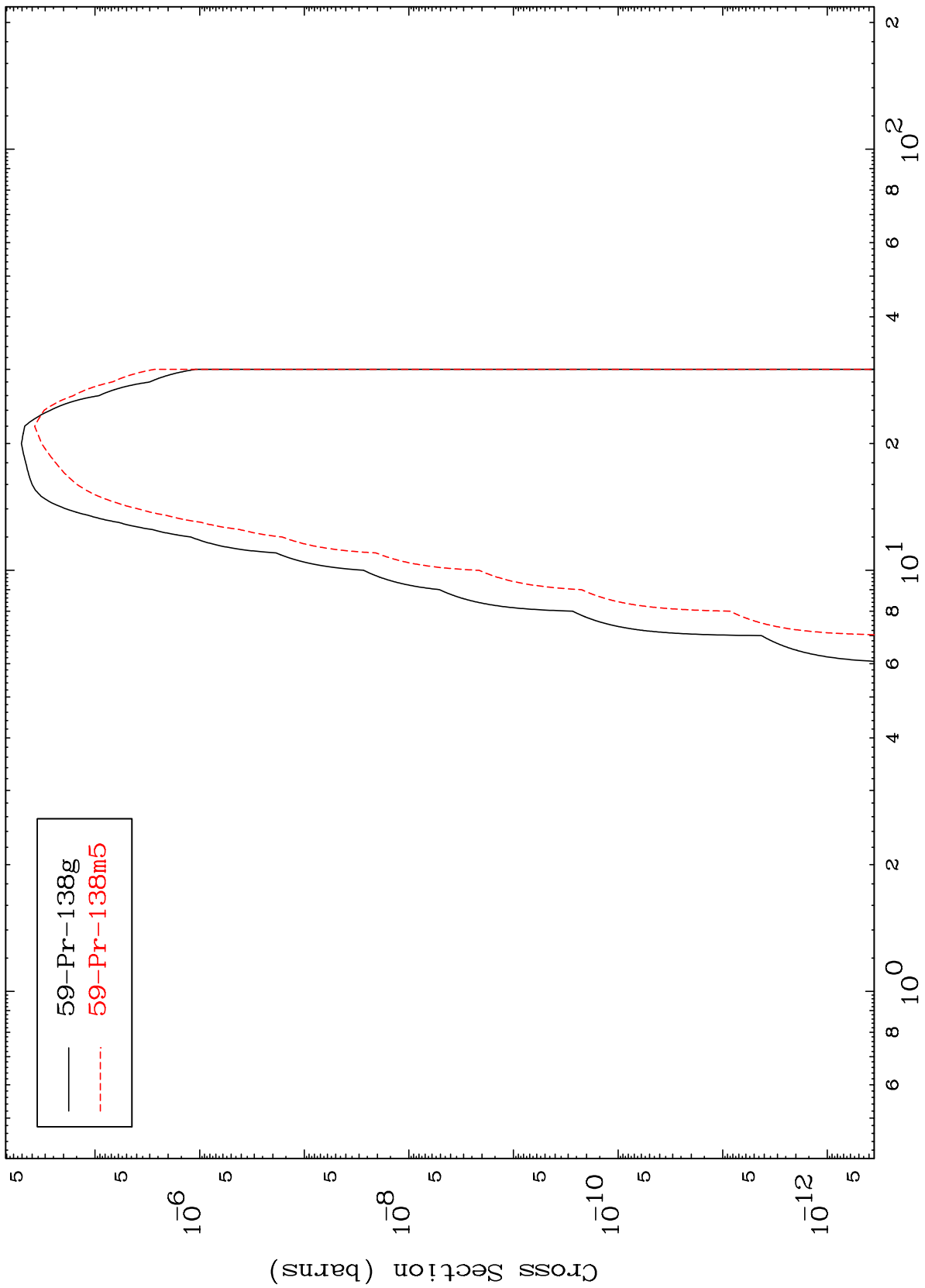
Incident Energy (MeV)

61-Pm-142

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61-Pm-142

(γ, α)
Radionuclide Production Cross Section



— 59-Pr-138g
- - - 59-Pr-138m5

61-Pm-142

Incident Energy (MeV)

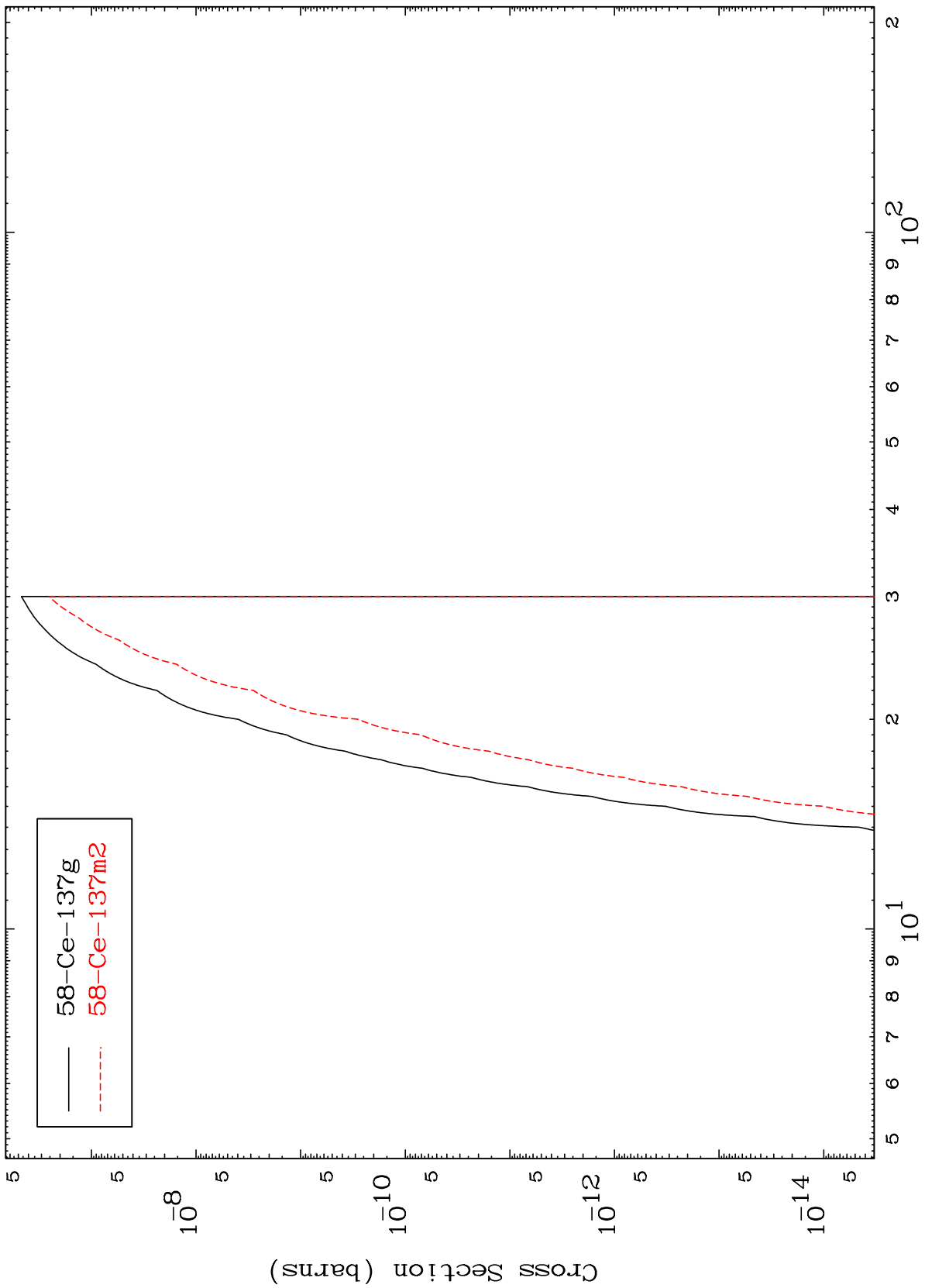
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$(\gamma, p) \alpha$

61-Pm-142

Radionuclide Production Cross Section



18

Incident Energy (MeV)

61-Pm-142