

Program EVALPLOT
(Version 2017-1)

by

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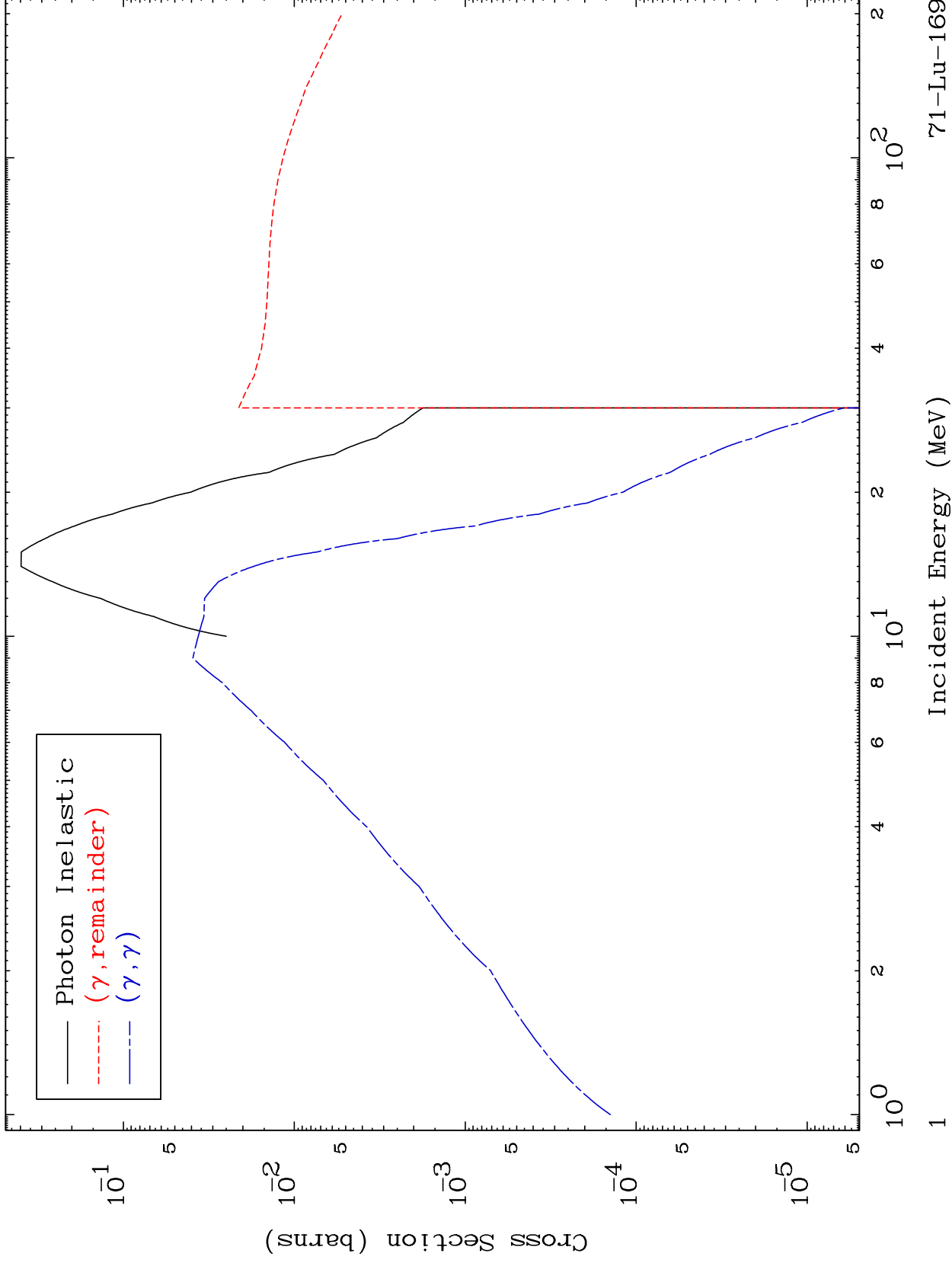
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7107

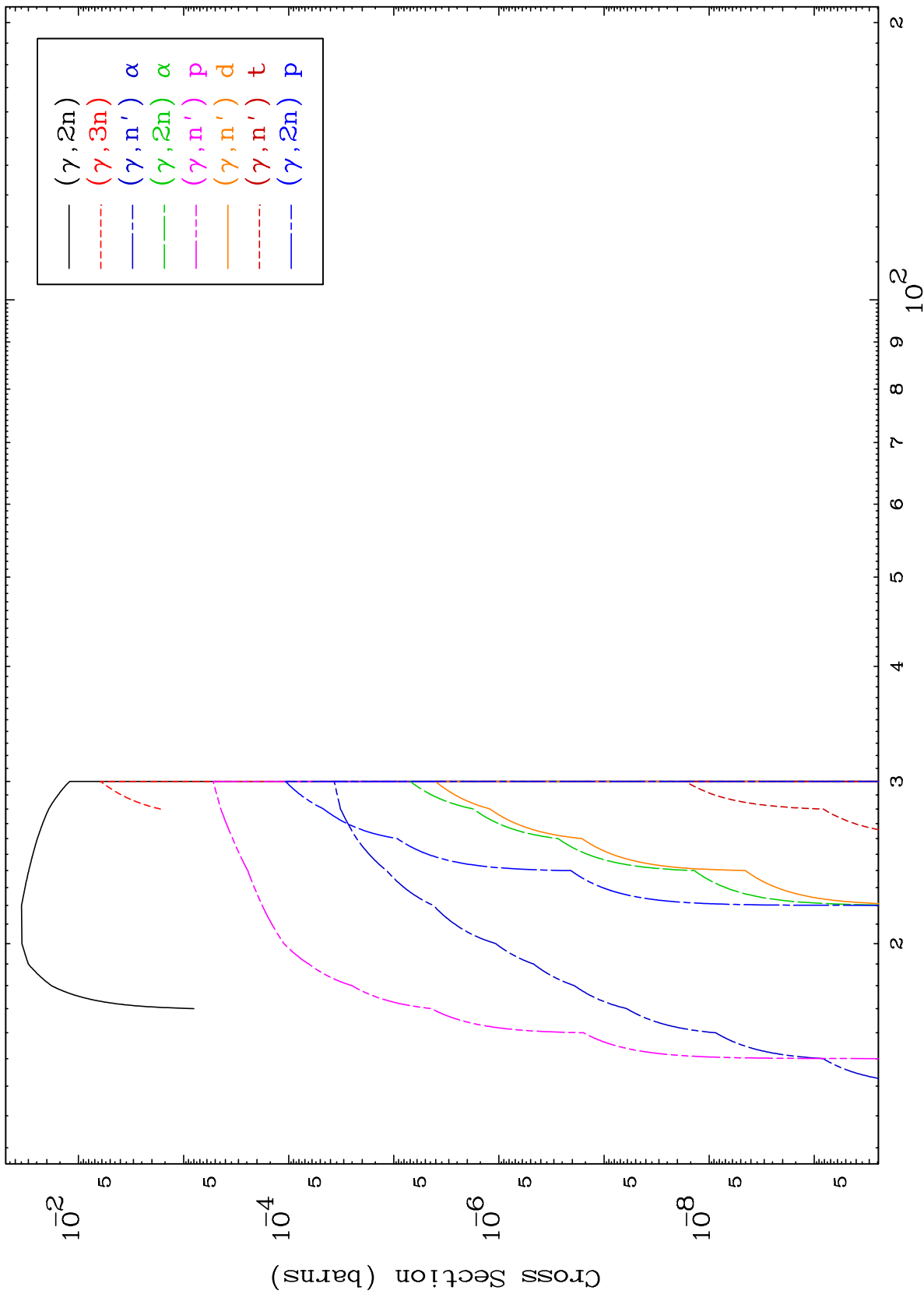
Photon Major
0 Kelvin Cross Sections

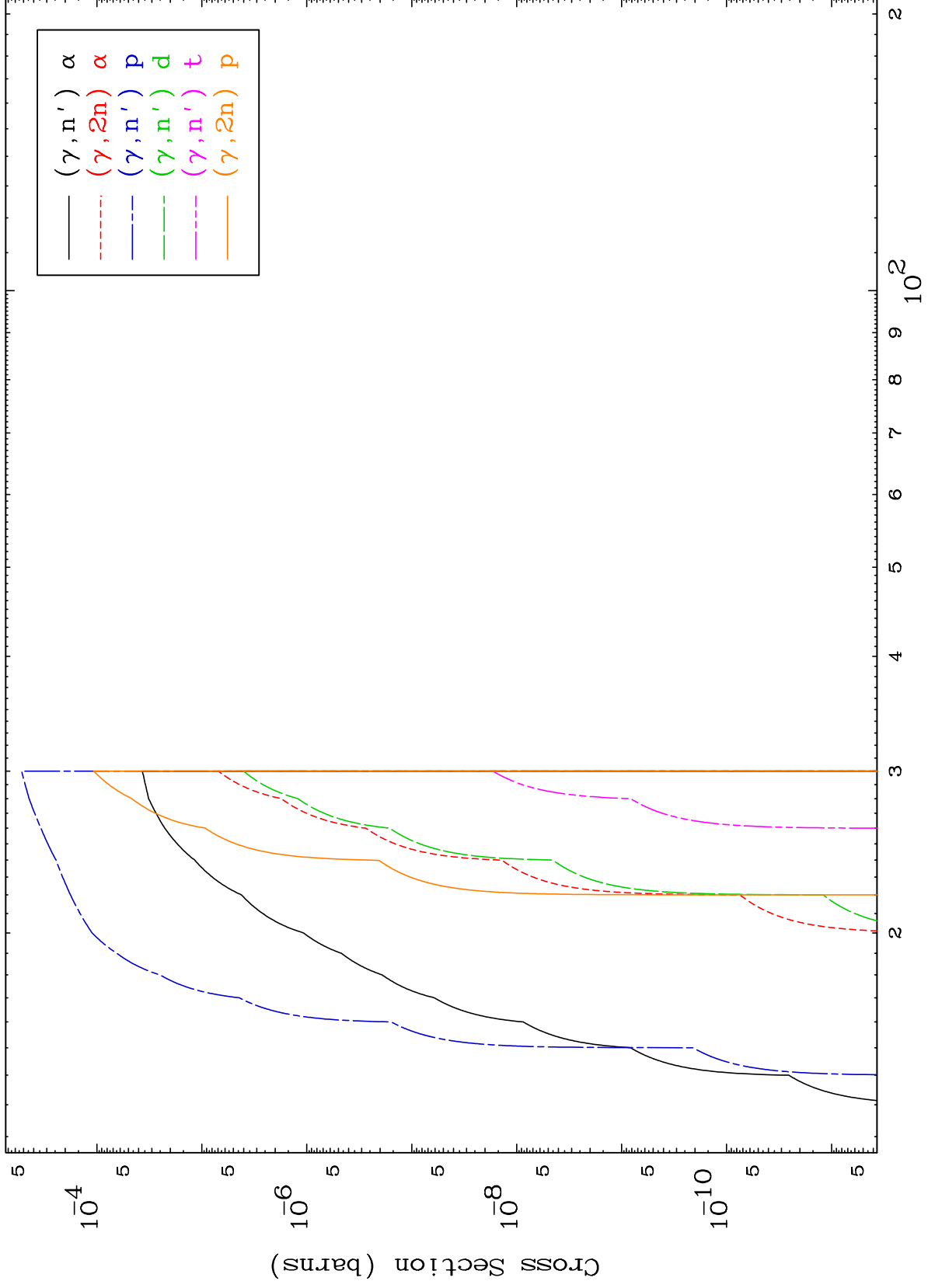
71-Lu-169



71-Lu-169

Incident Energy (MeV)

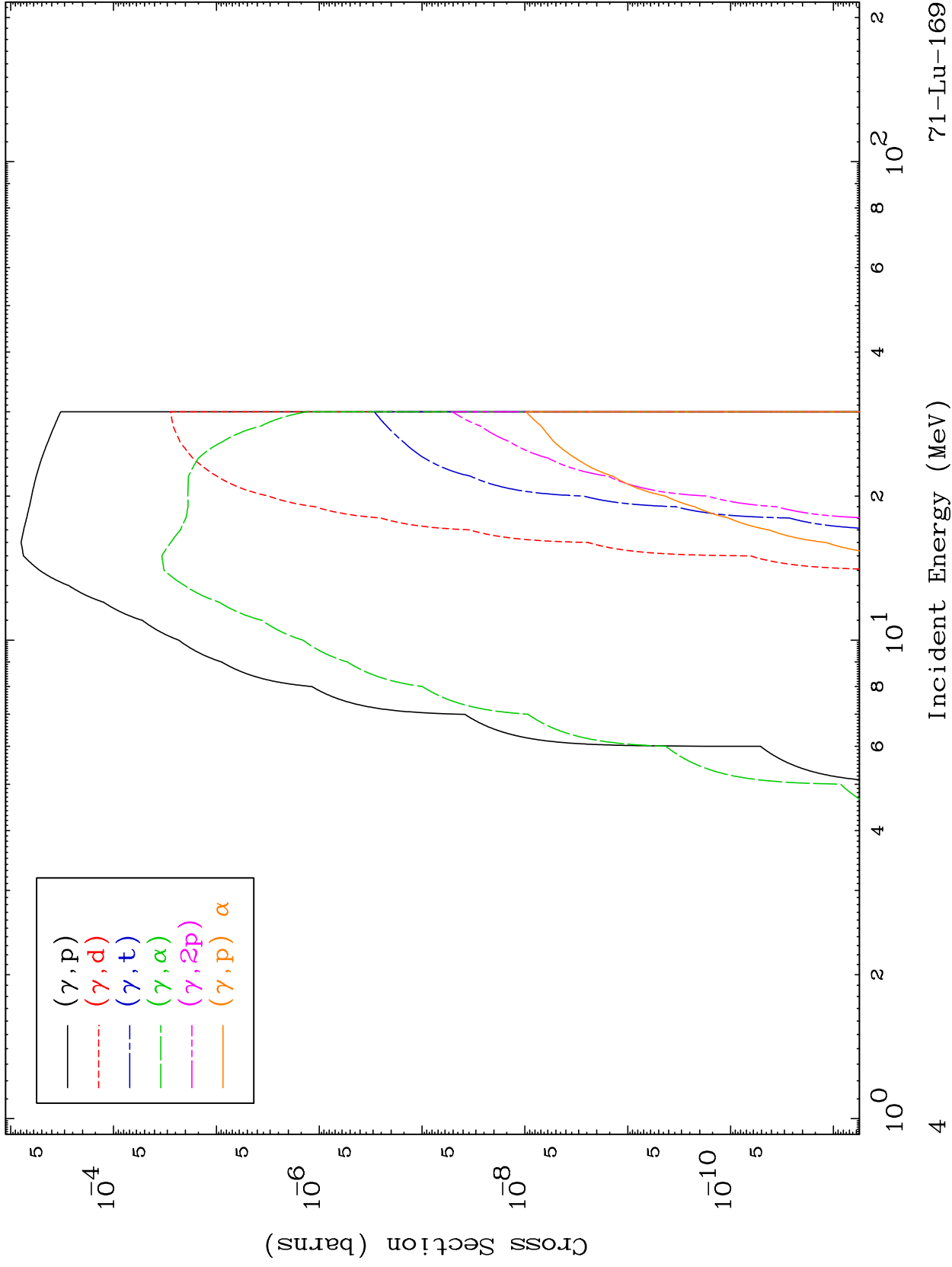




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Photon Charged Particle
0 Kelvin Cross Sections

71-Lu-169



71-Lu-169

Incident Energy (MeV)

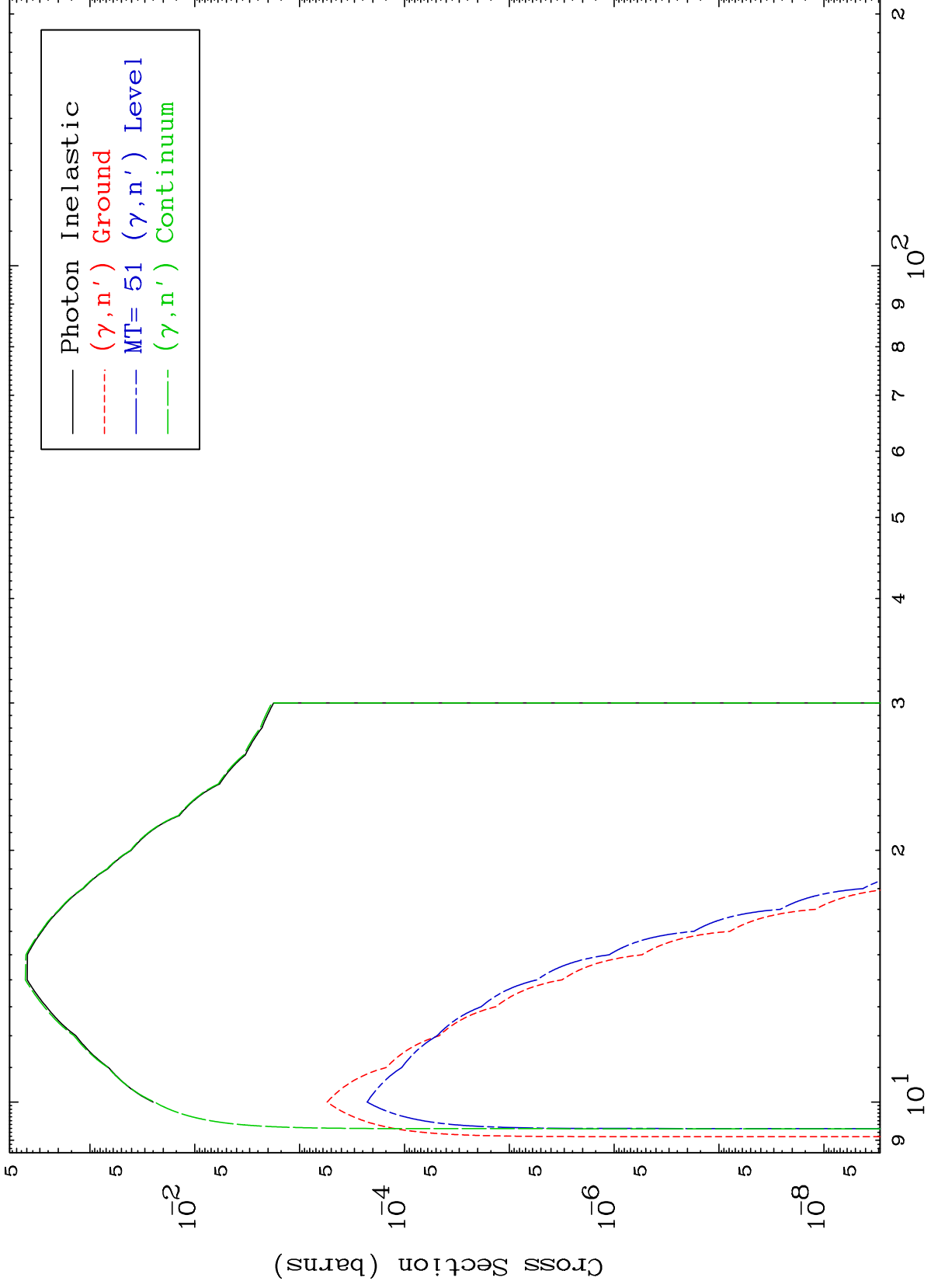
4

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(γ, n') Level

71-Lu-169

0 Kelvin Cross Sections



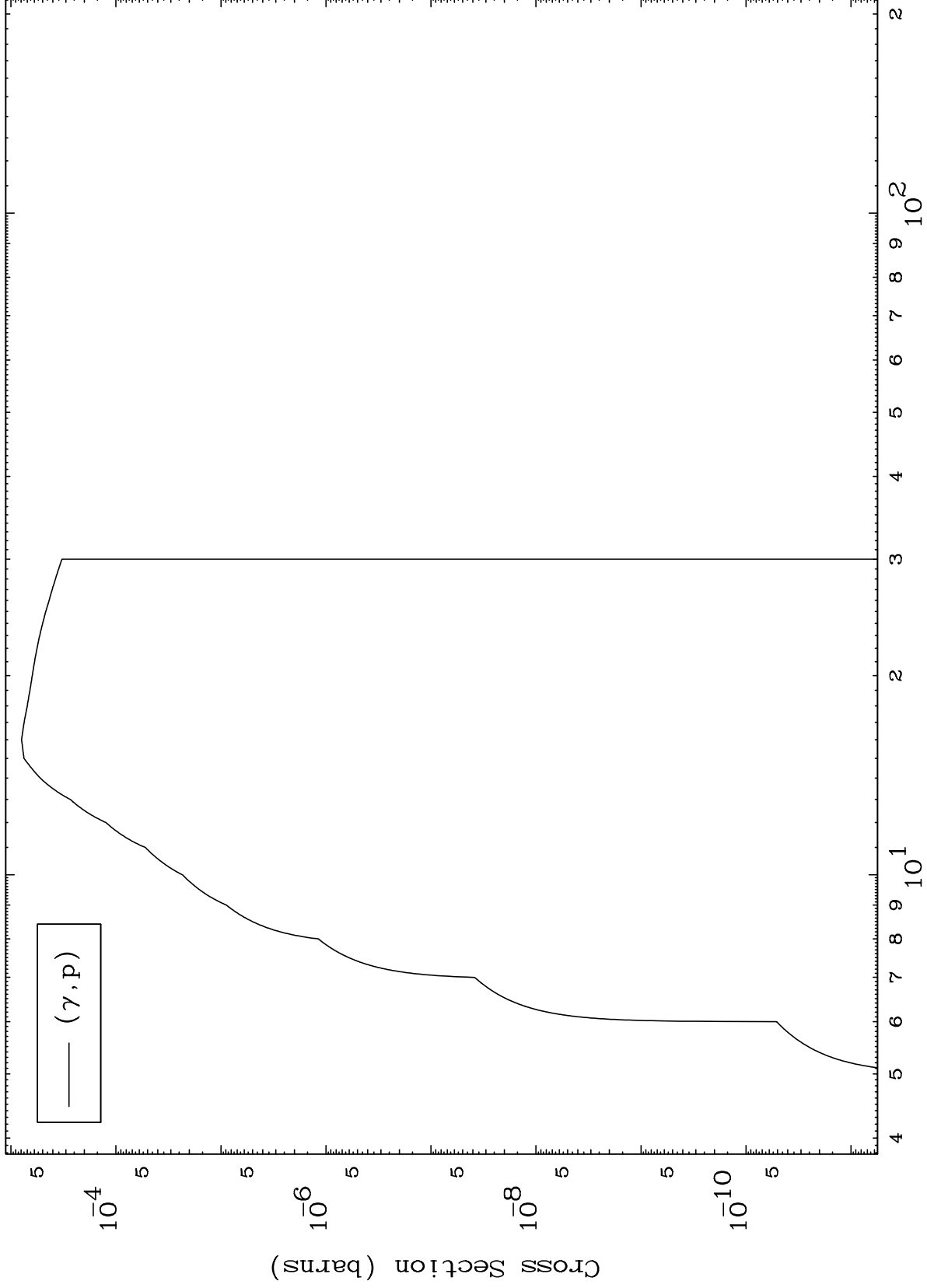
Incident Energy (MeV)

71-Lu-169

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(γ, p) Levels
0 Kelvin Cross Sections

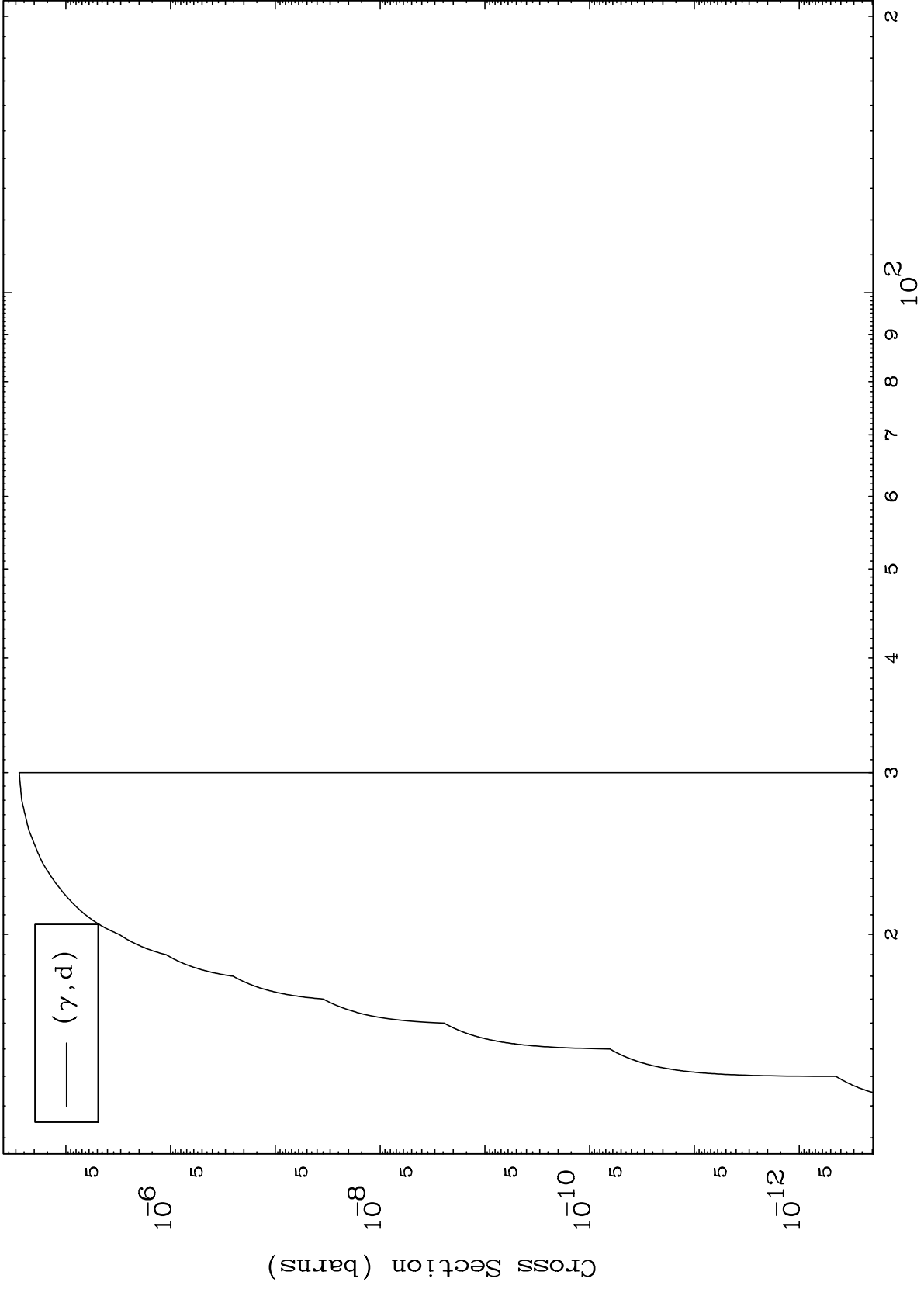
71-Lu-169

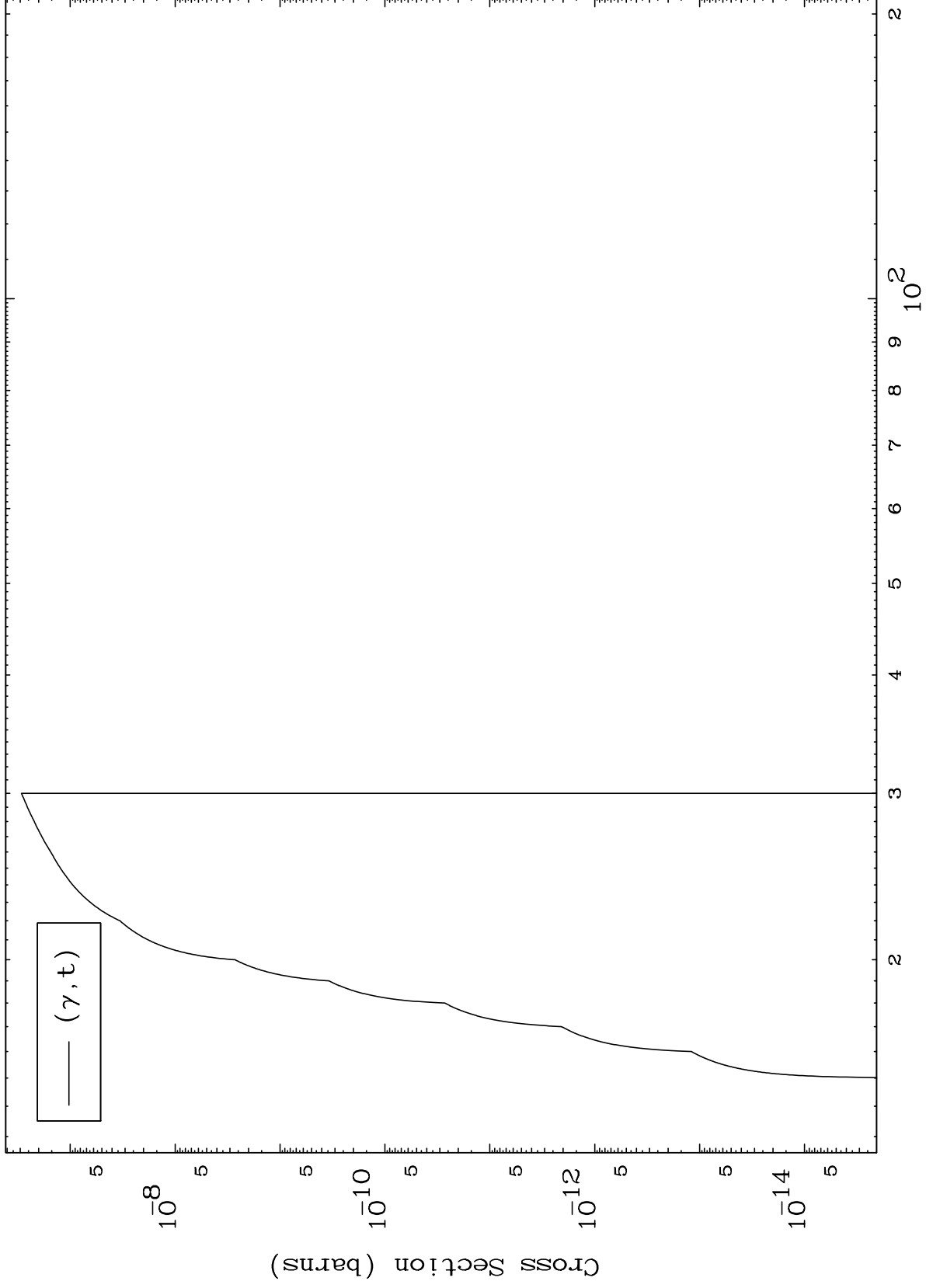


6

Incident Energy (MeV)

71-Lu-169

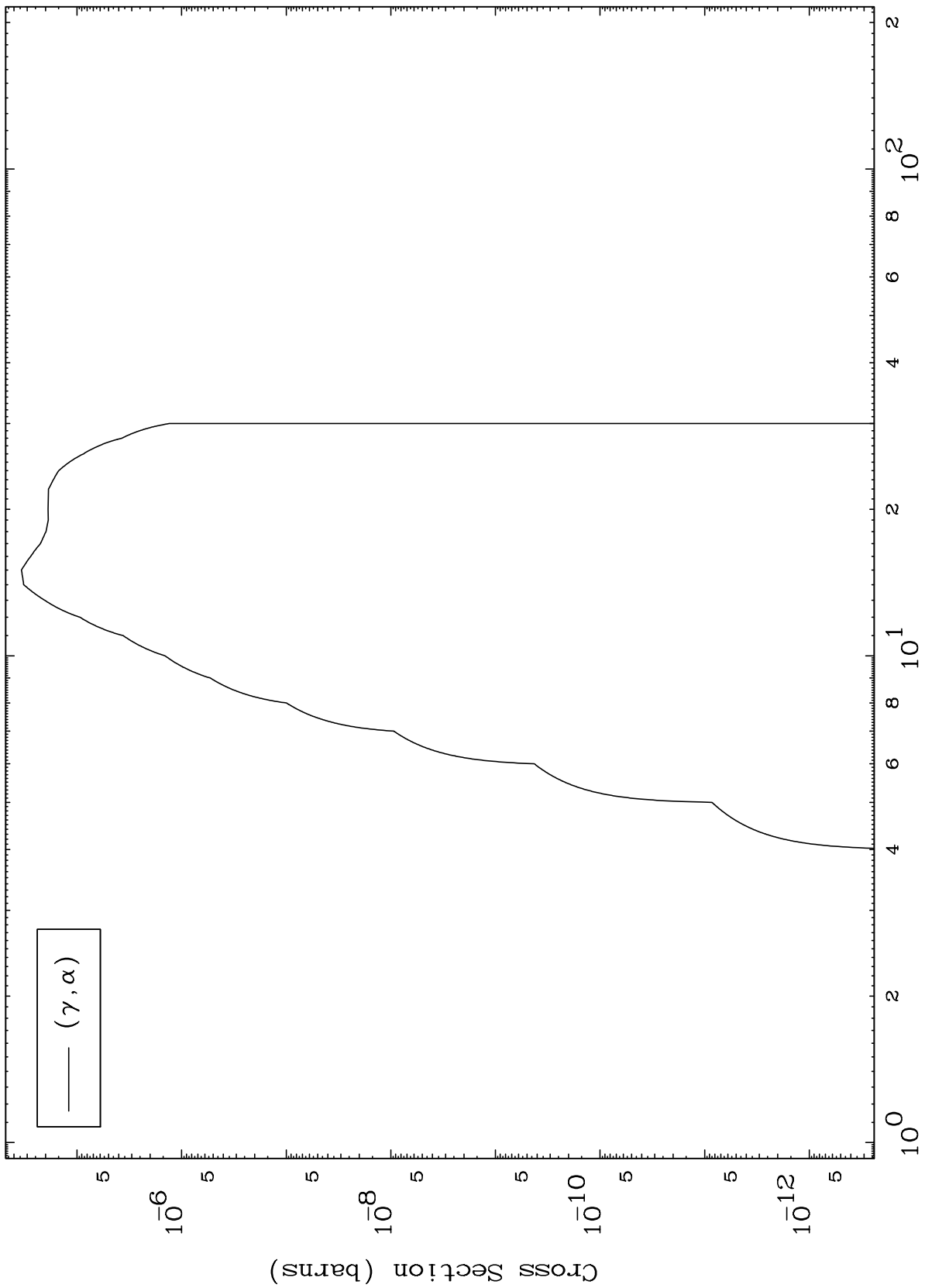




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71-Lu-169

(γ, α) Levels
0 Kelvin Cross Sections



Incident Energy (MeV)

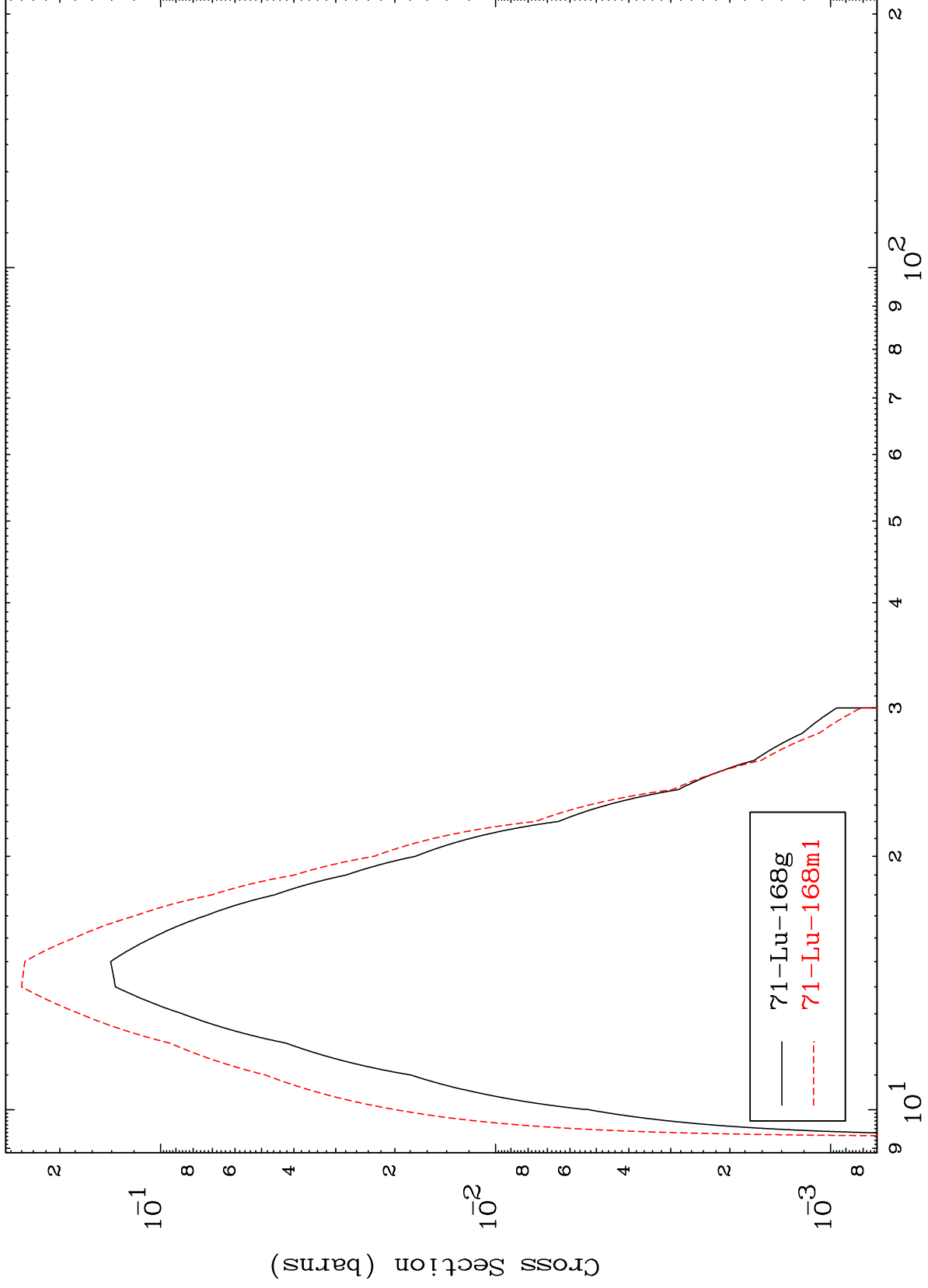
71-Lu-169

9

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Photon Inelastic
Radionuclide Production Cross Section

71-Lu-169



Incident Energy (MeV)

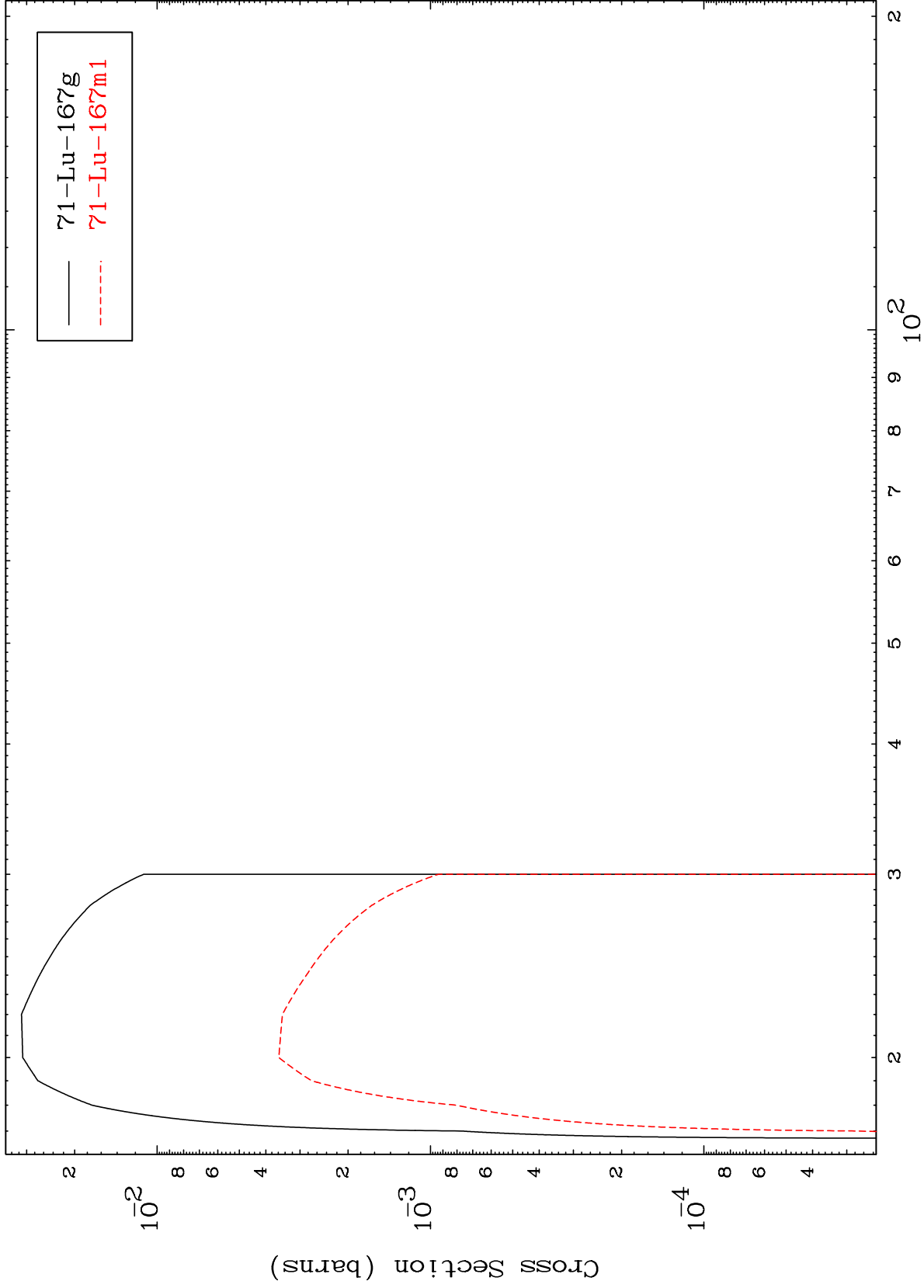
71-Lu-169

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($\gamma, 2n$)

71-Lu-169

Radionuclide Production Cross Section



11

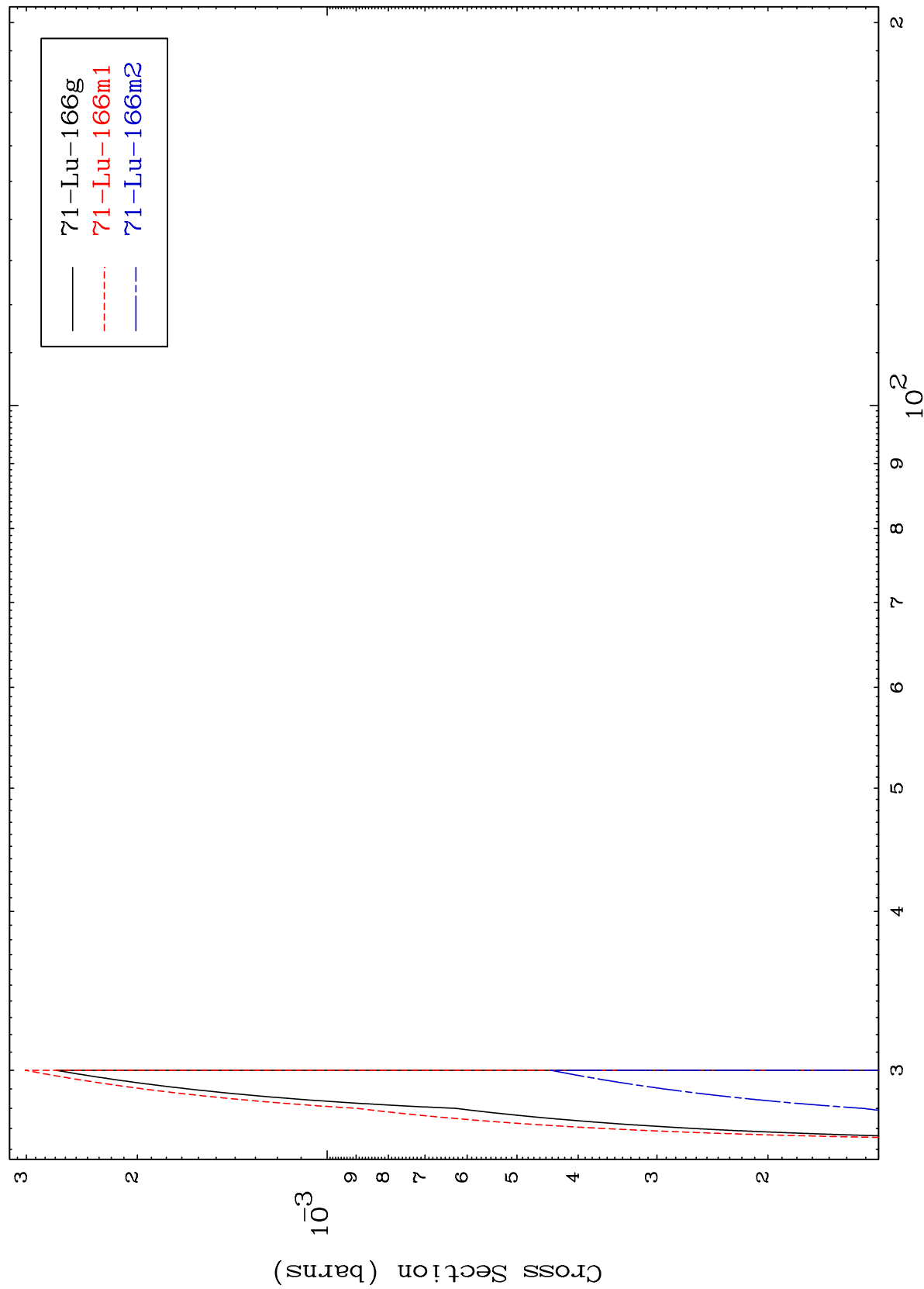
Incident Energy (MeV)

71-Lu-169

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71-Lu-169

($\gamma, 3n$)
Radionuclide Production Cross Section



12

71-Lu-169

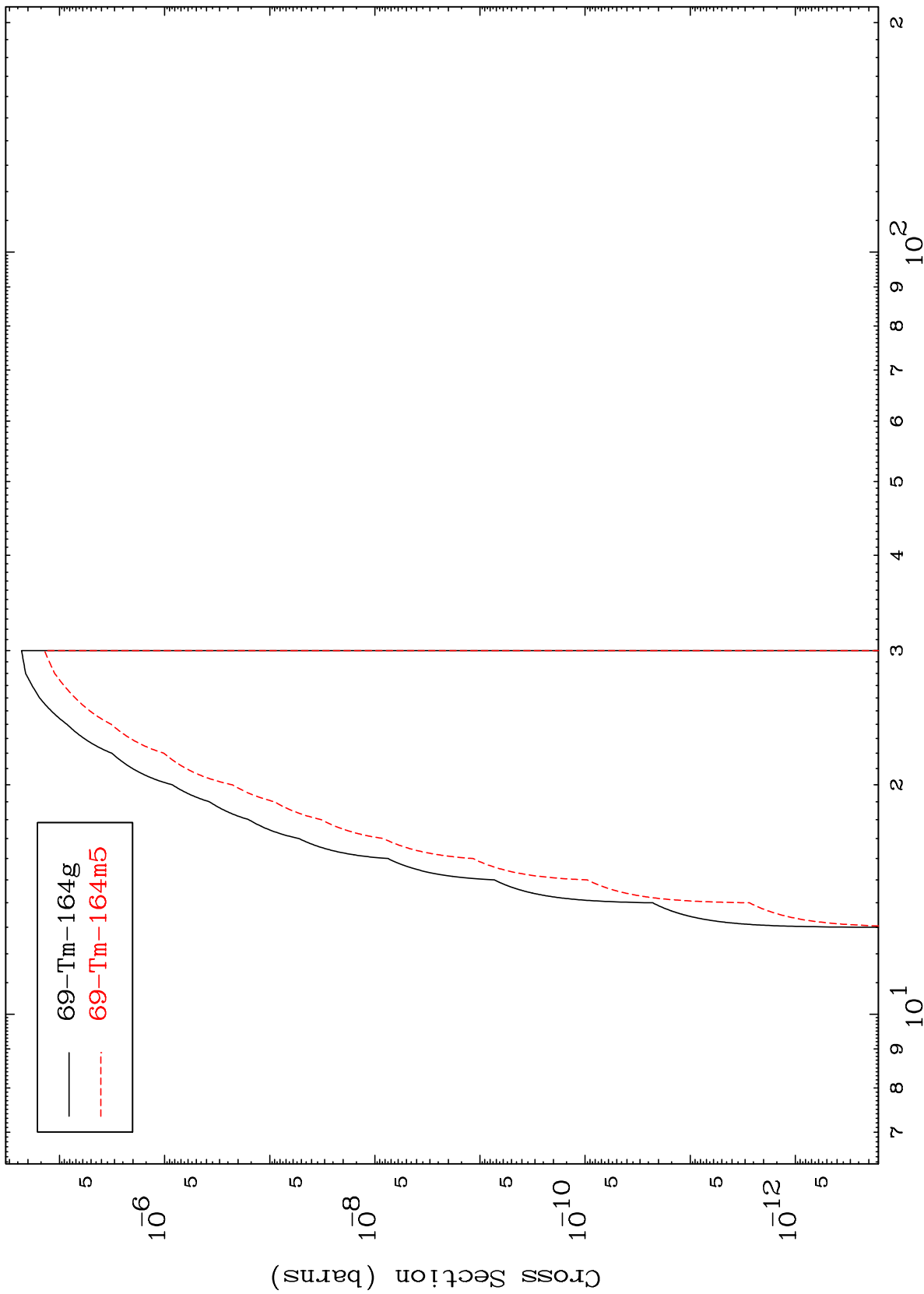
Incident Energy (MeV)

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71-Lu-169

(γ, n') α

Radionuclide Production Cross Section



13

Incident Energy (MeV)

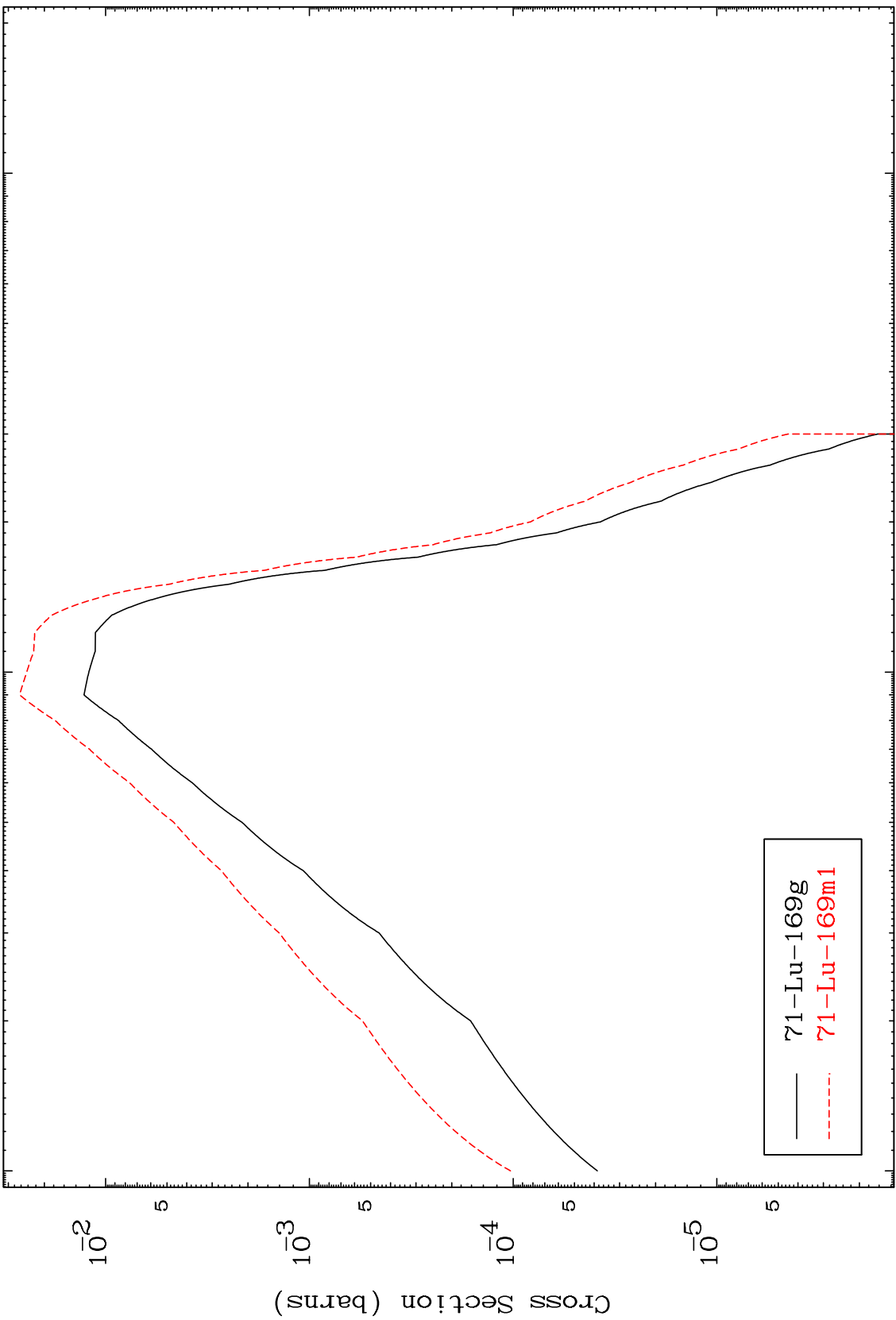
71-Lu-169

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⁷¹Lu-169

Radionuclide Production Cross Section

(γ, γ)



— 71-Lu-169g
- - - 71-Lu-169m1

14 10⁰ 2 4 6 8 10¹ 2 4 6 8 10² 2 ⁷¹Lu-169