

Program EVALPLOT
(Version 2017-1)

by

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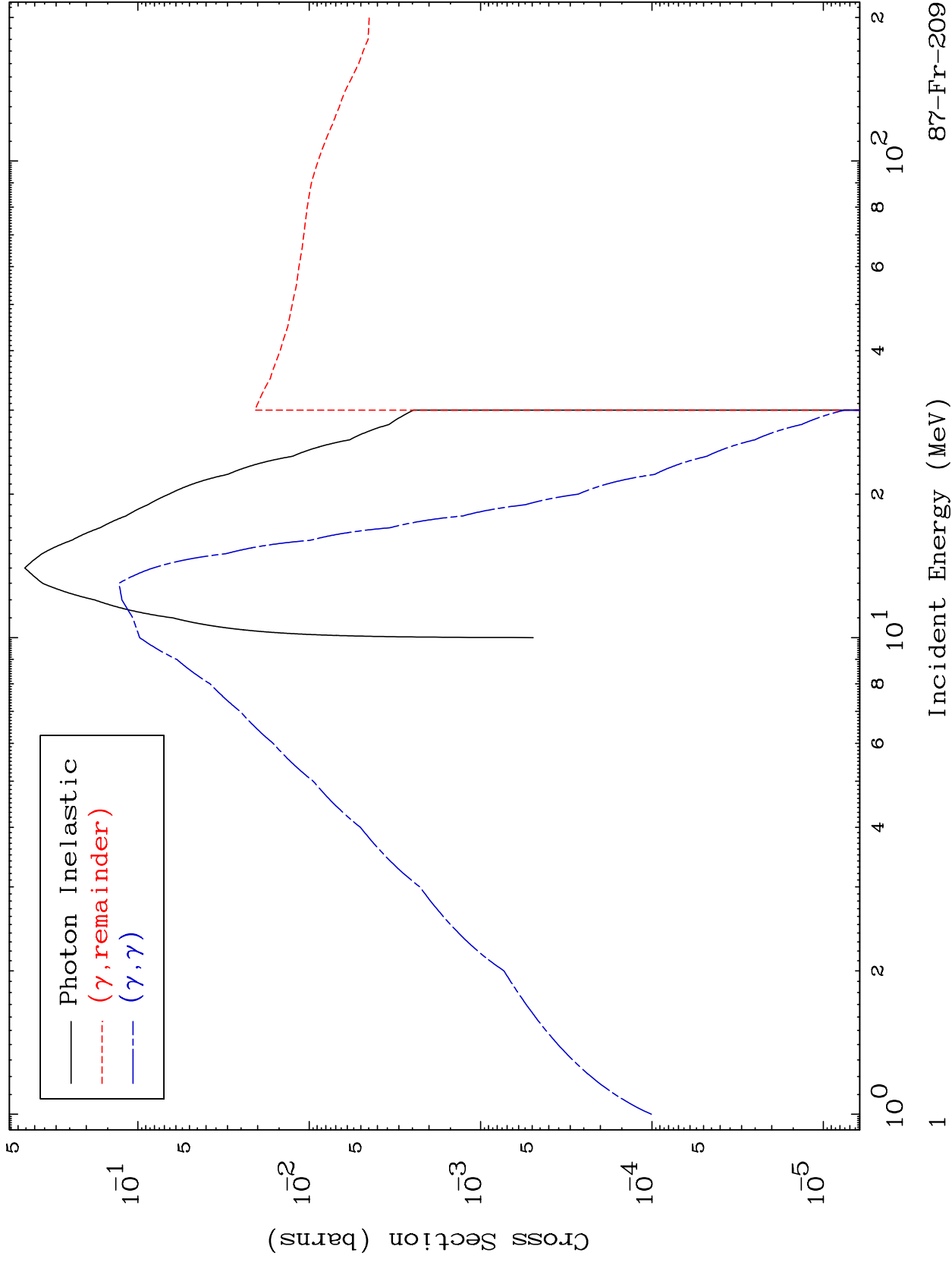
Press Mouse Button to Start

MAT 8716

Photon Major

87-Fr-209

0 Kelvin Cross Sections



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

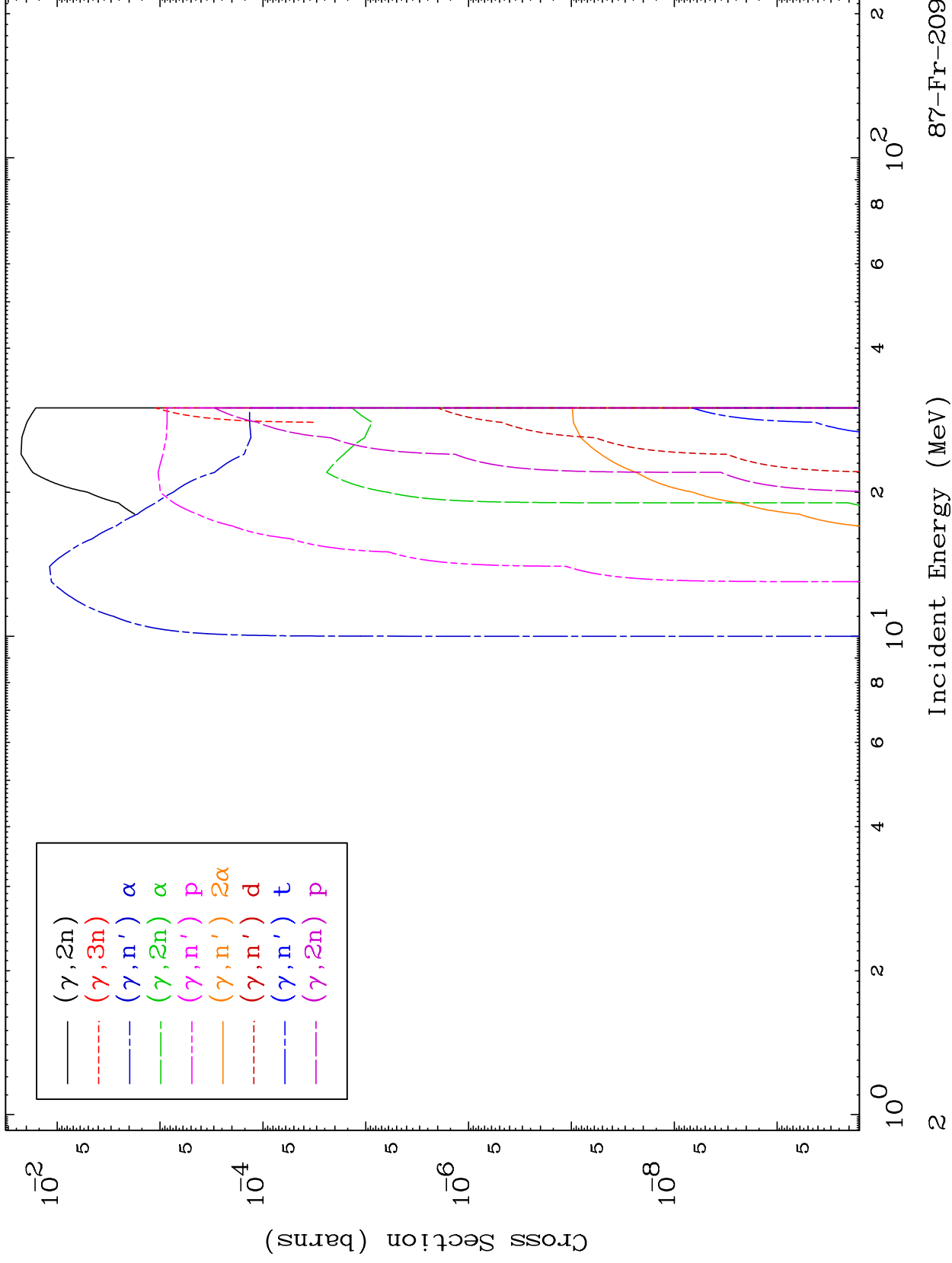
Incident Energy (MeV)

87-Fr-209

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Photon Neutron Production
0 Kelvin Cross Sections

87-Fr-209



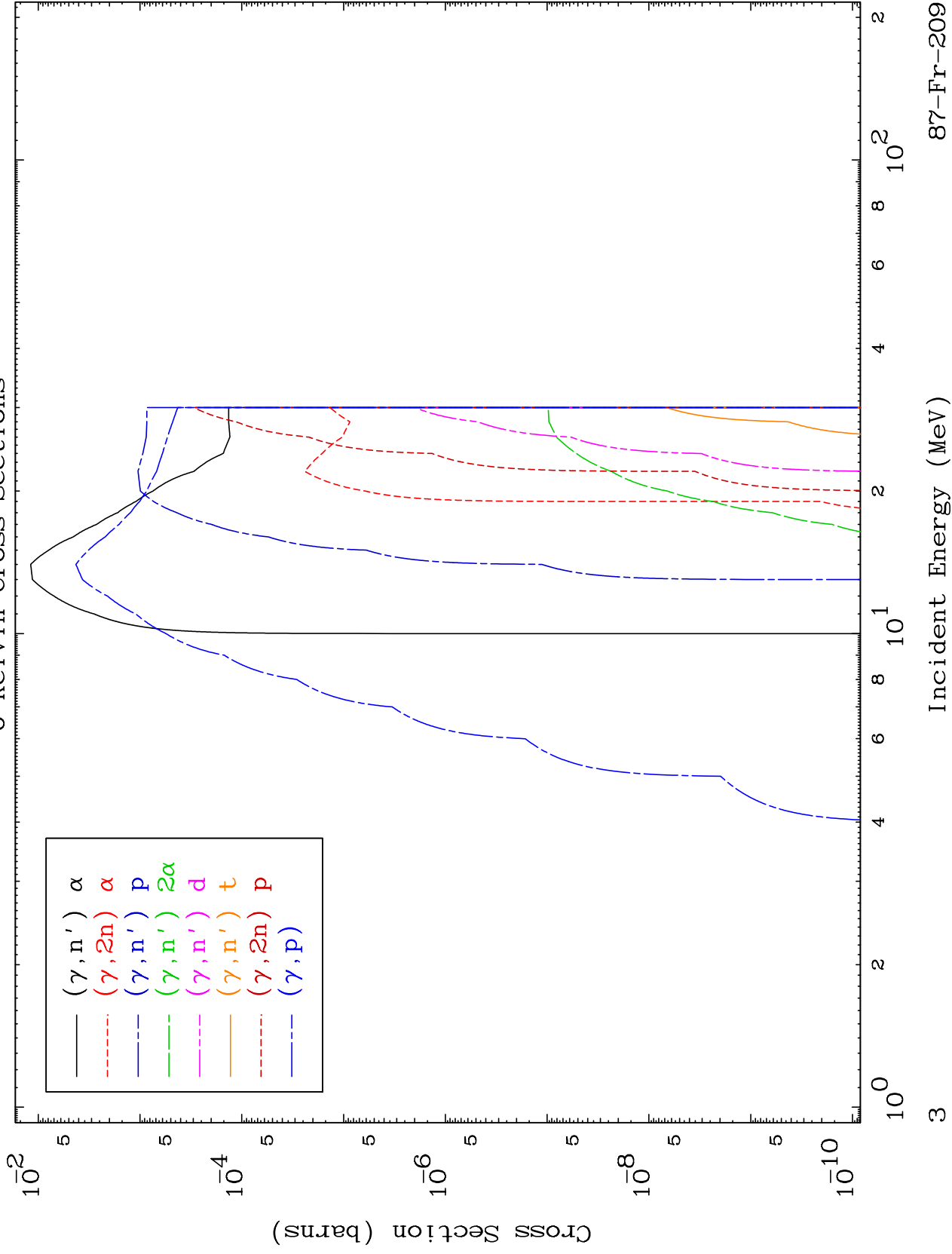
Incident Energy (MeV)

87-Fr-209

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Photon Charged Particle
0 Kelvin Cross Sections

87-Fr-209



87-Fr-209

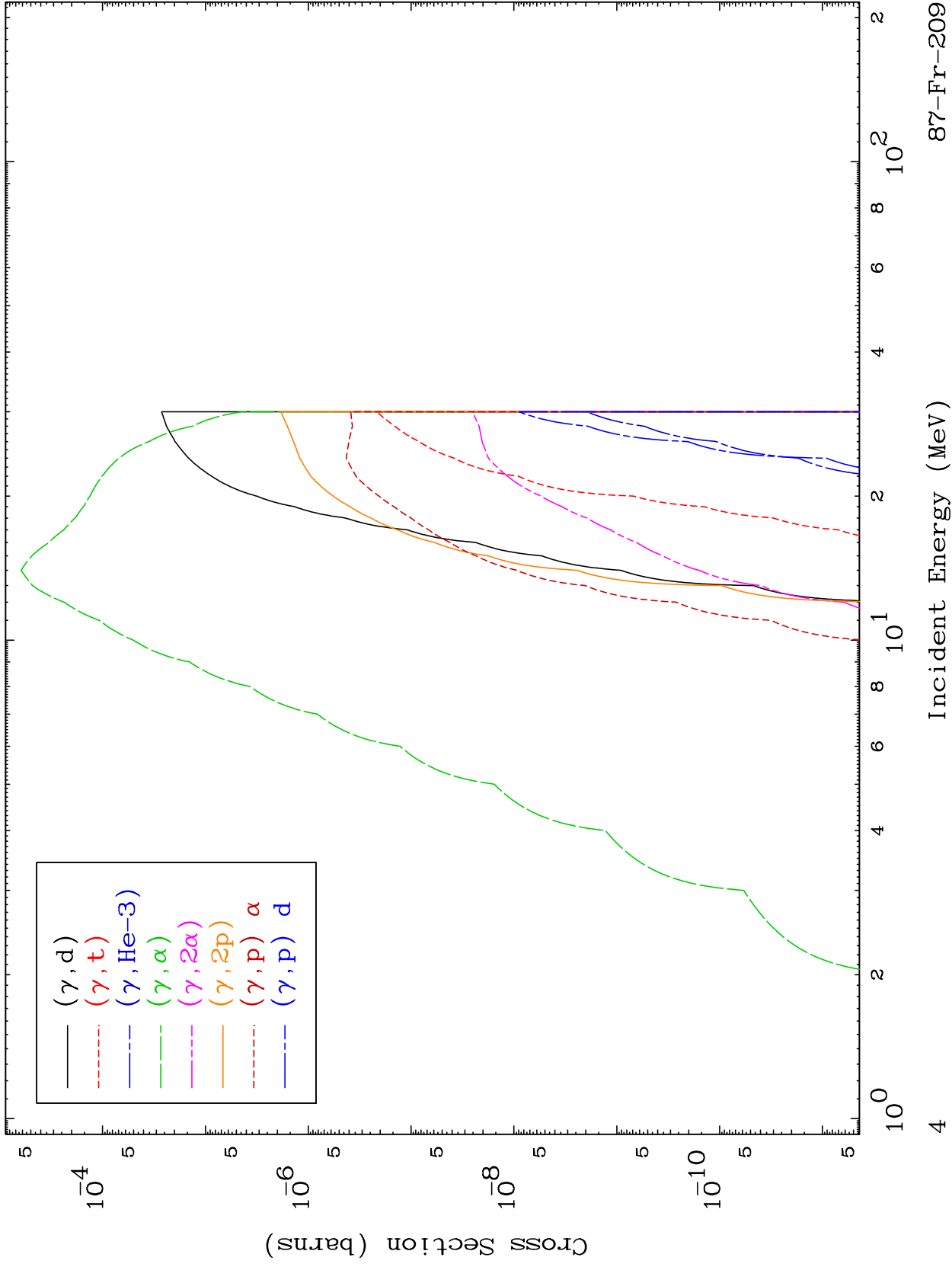
Incident Energy (MeV)

3

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Photon Charged Particle
0 Kelvin Cross Sections

87-Fr-209



87-Fr-209

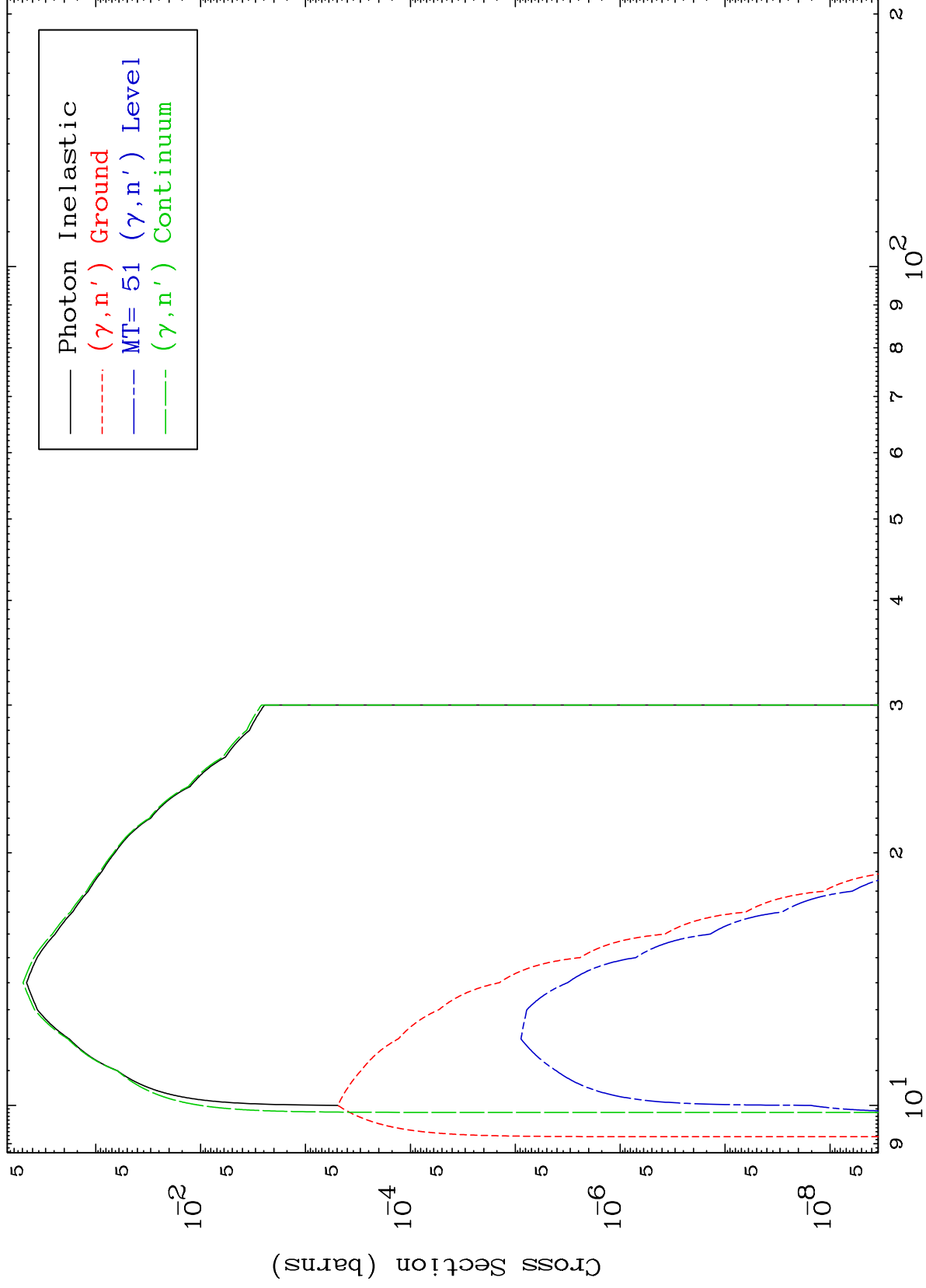
Incident Energy (MeV)

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(γ, n') Level

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0 Kelvin Cross Sections



Incident Energy (MeV)

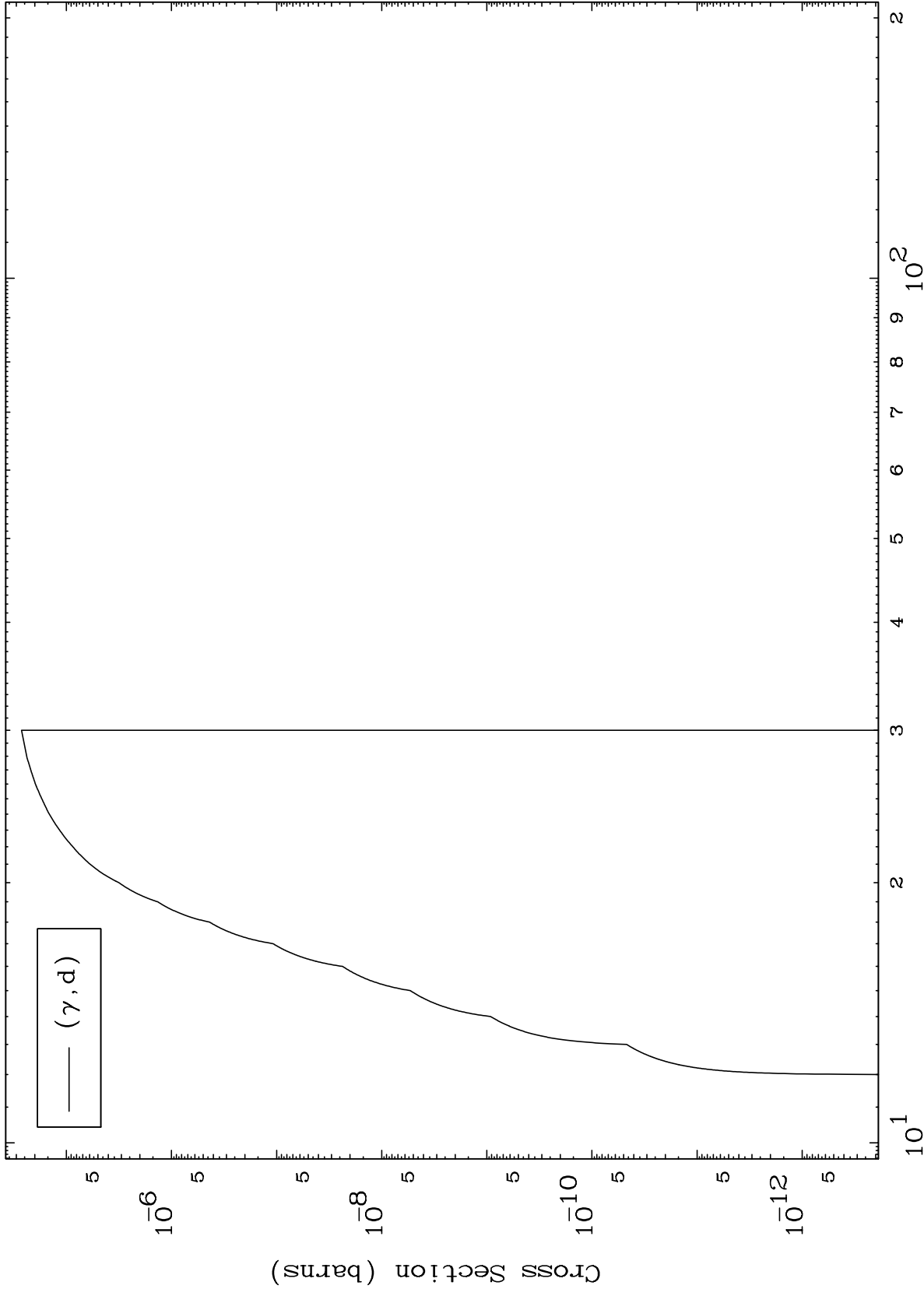
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(γ, d) Levels

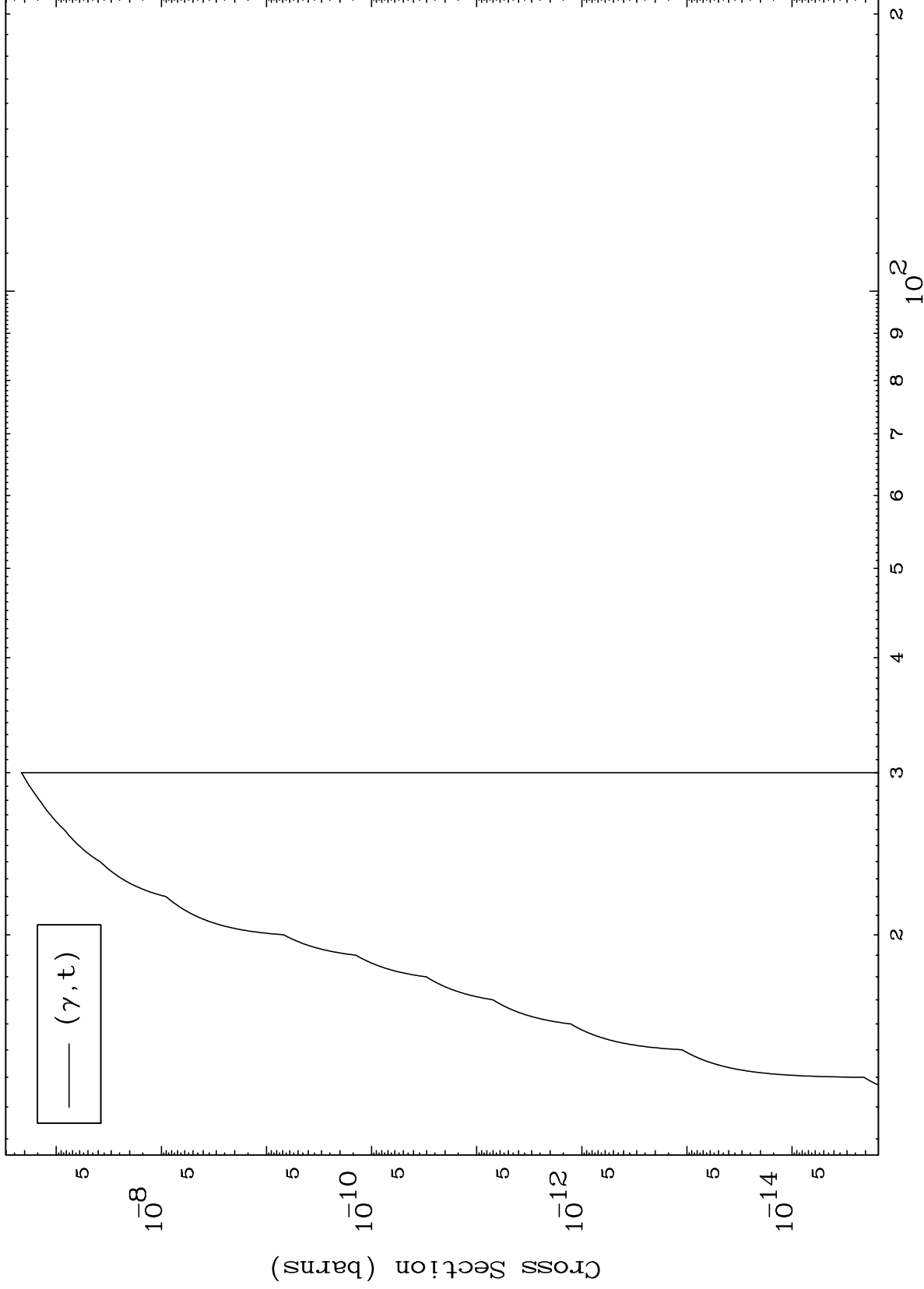
87-Fr-209

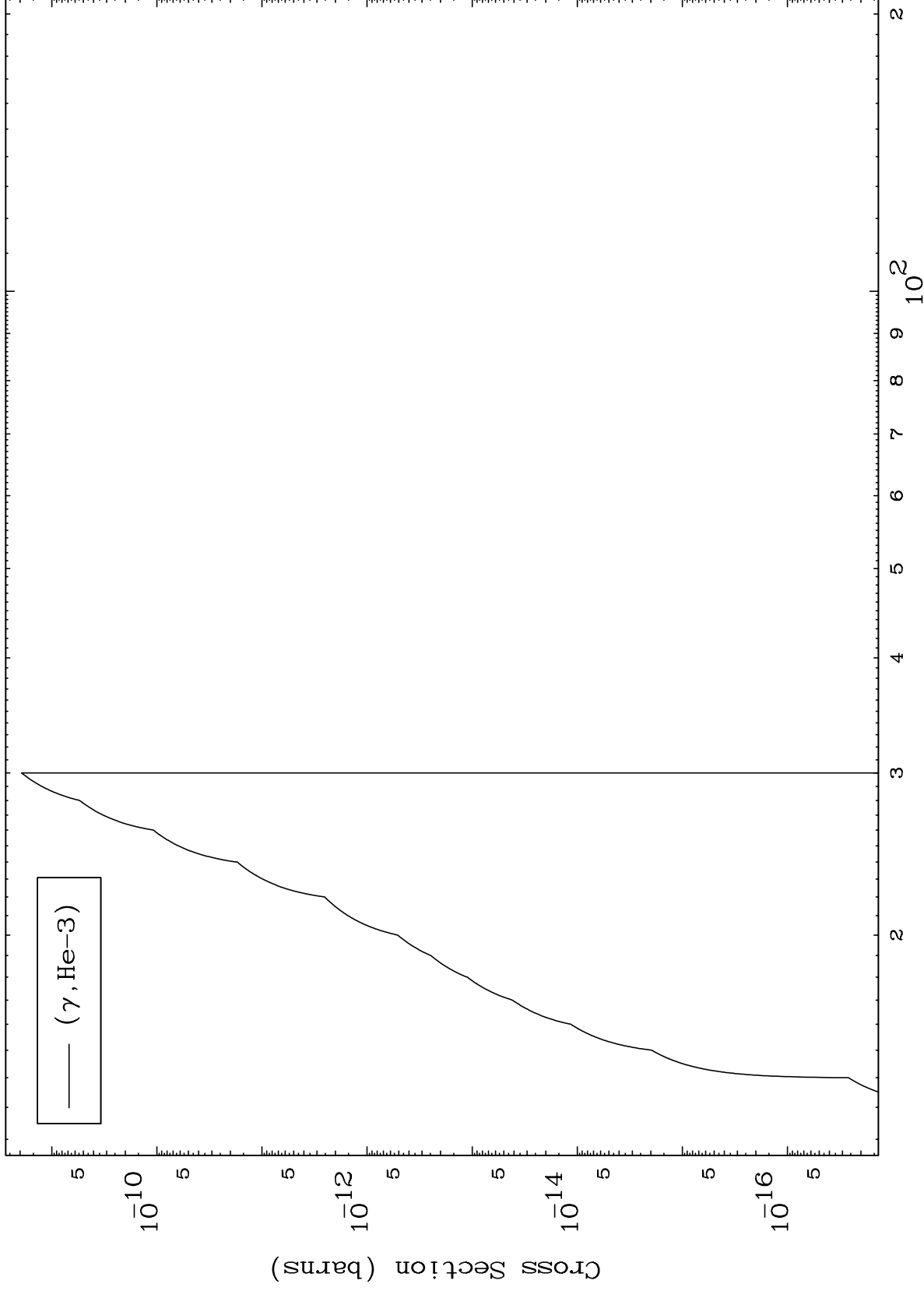
0 Kelvin Cross Sections



Incident Energy (MeV)

87-Fr-209

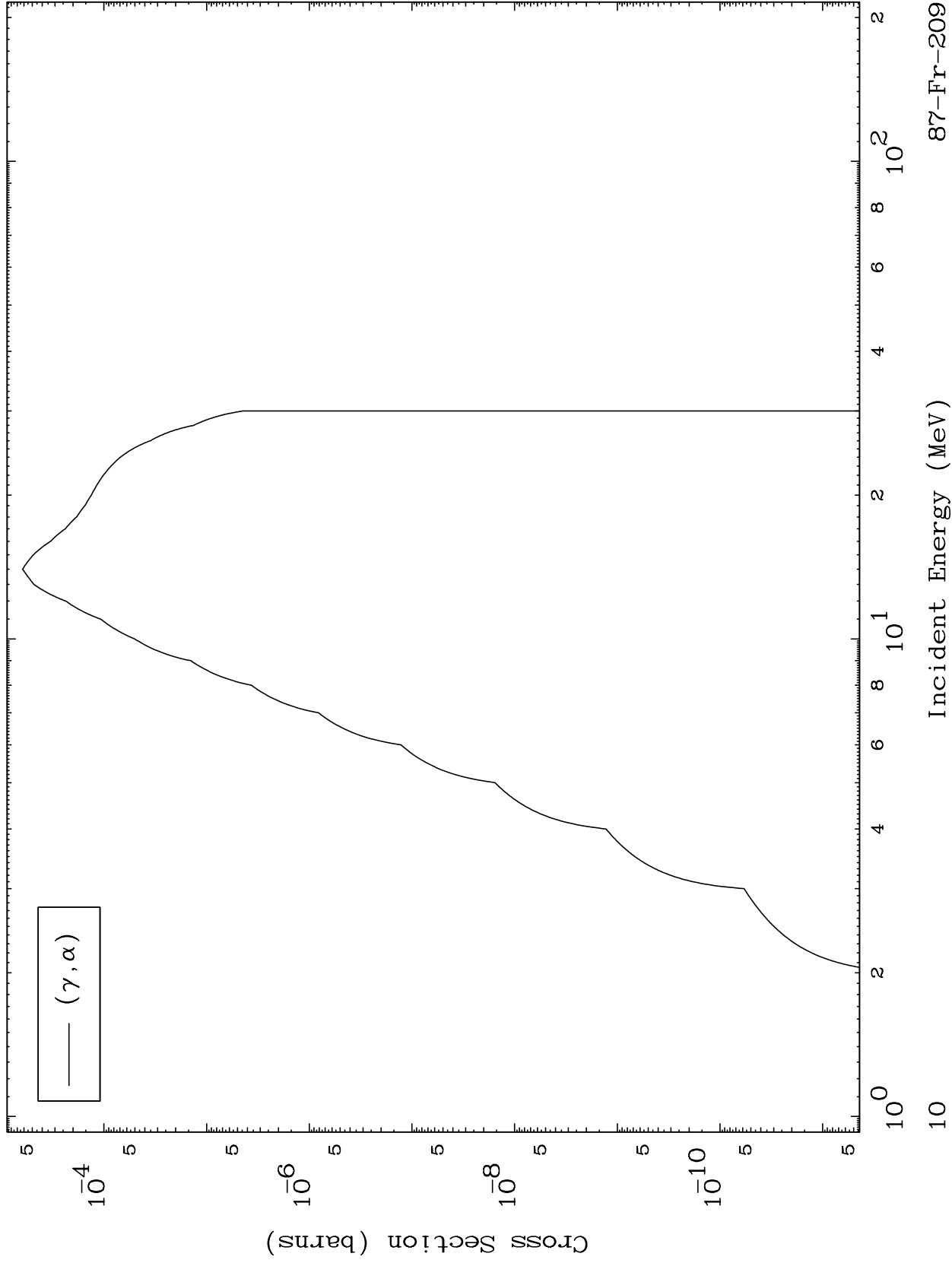




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(γ, α) Levels
0 Kelvin Cross Sections

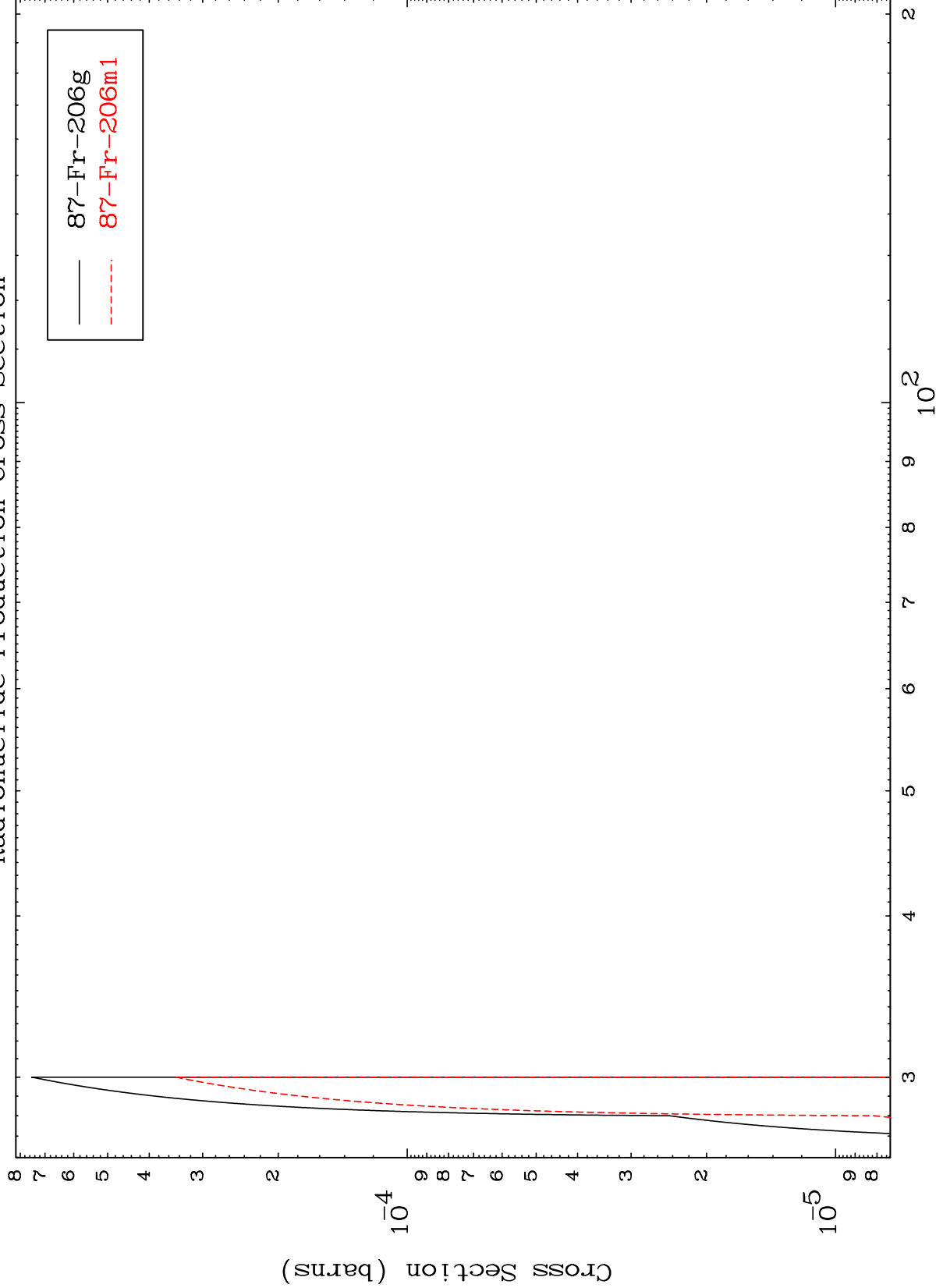
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($\gamma, 3n$)
Radionuclide Production Cross Section

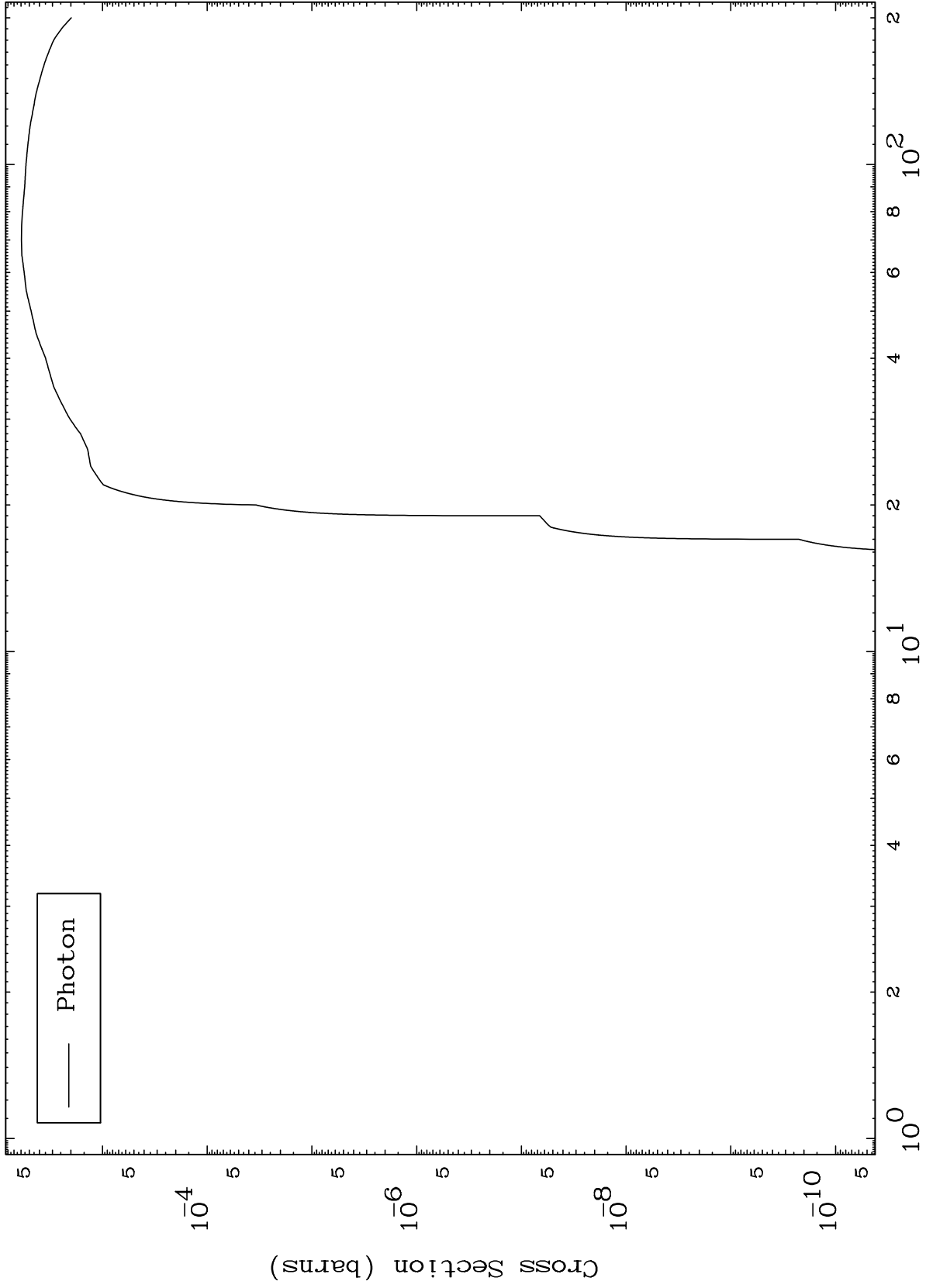


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Photon Fission

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Radionuclide Production Cross Section



12

Incident Energy (MeV)

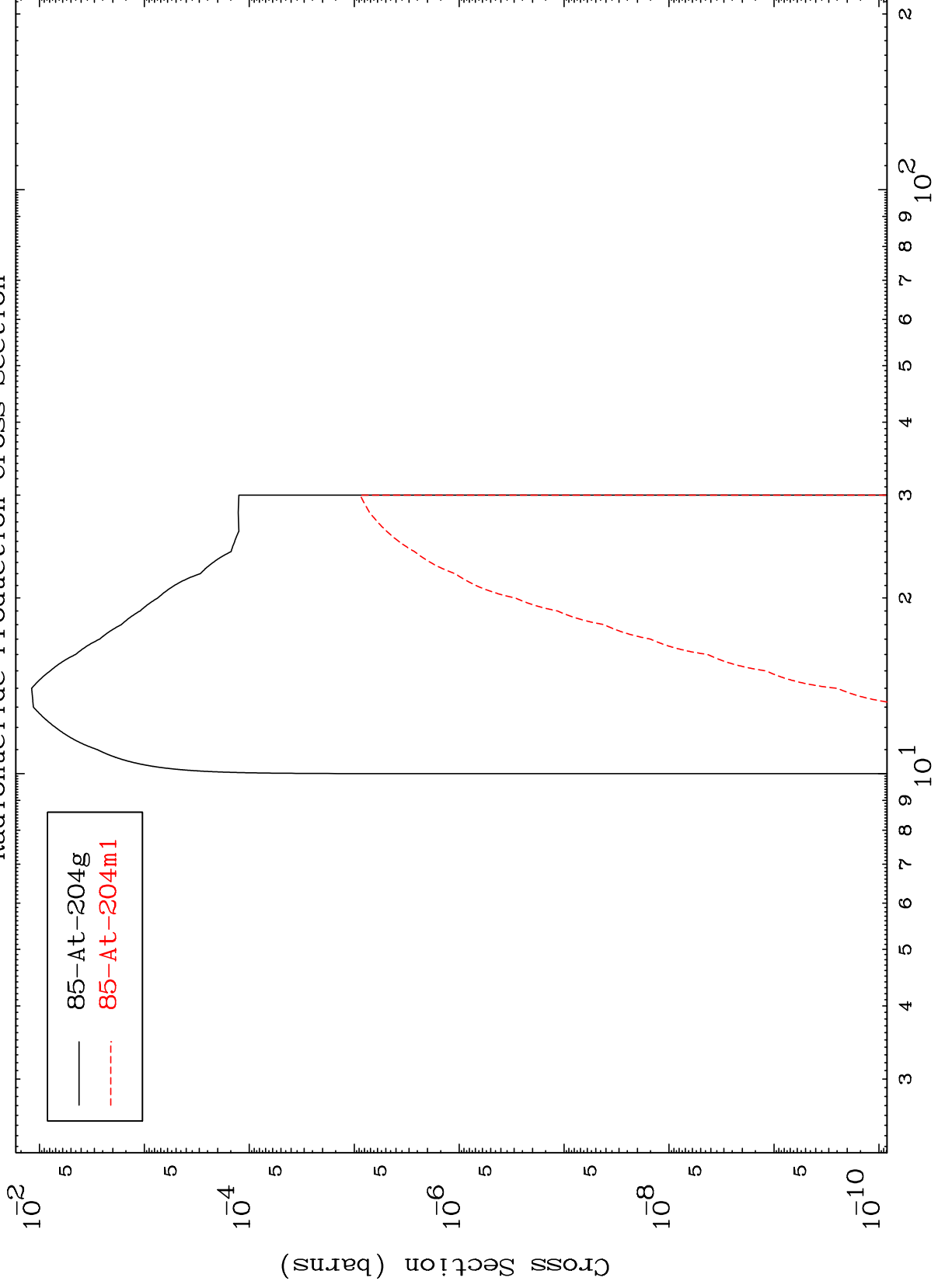
87-Fr-209

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(γ, n') α

87-Fr-209

Radionuclide Production Cross Section

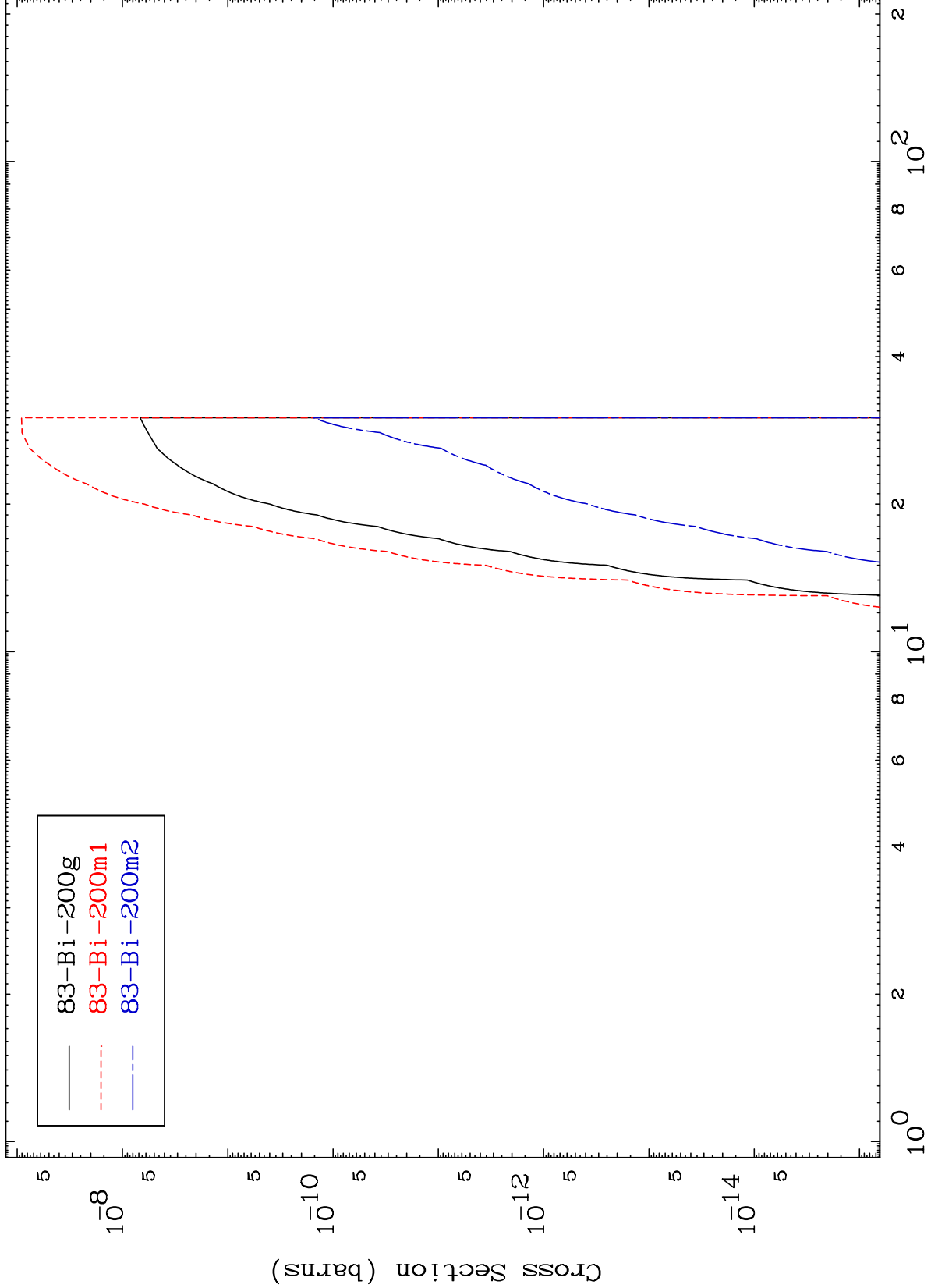


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(γ, n') 2α

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Radionuclide Production Cross Section



83-Bi-200g
83-Bi-200m1
83-Bi-200m2

Incident Energy (MeV)

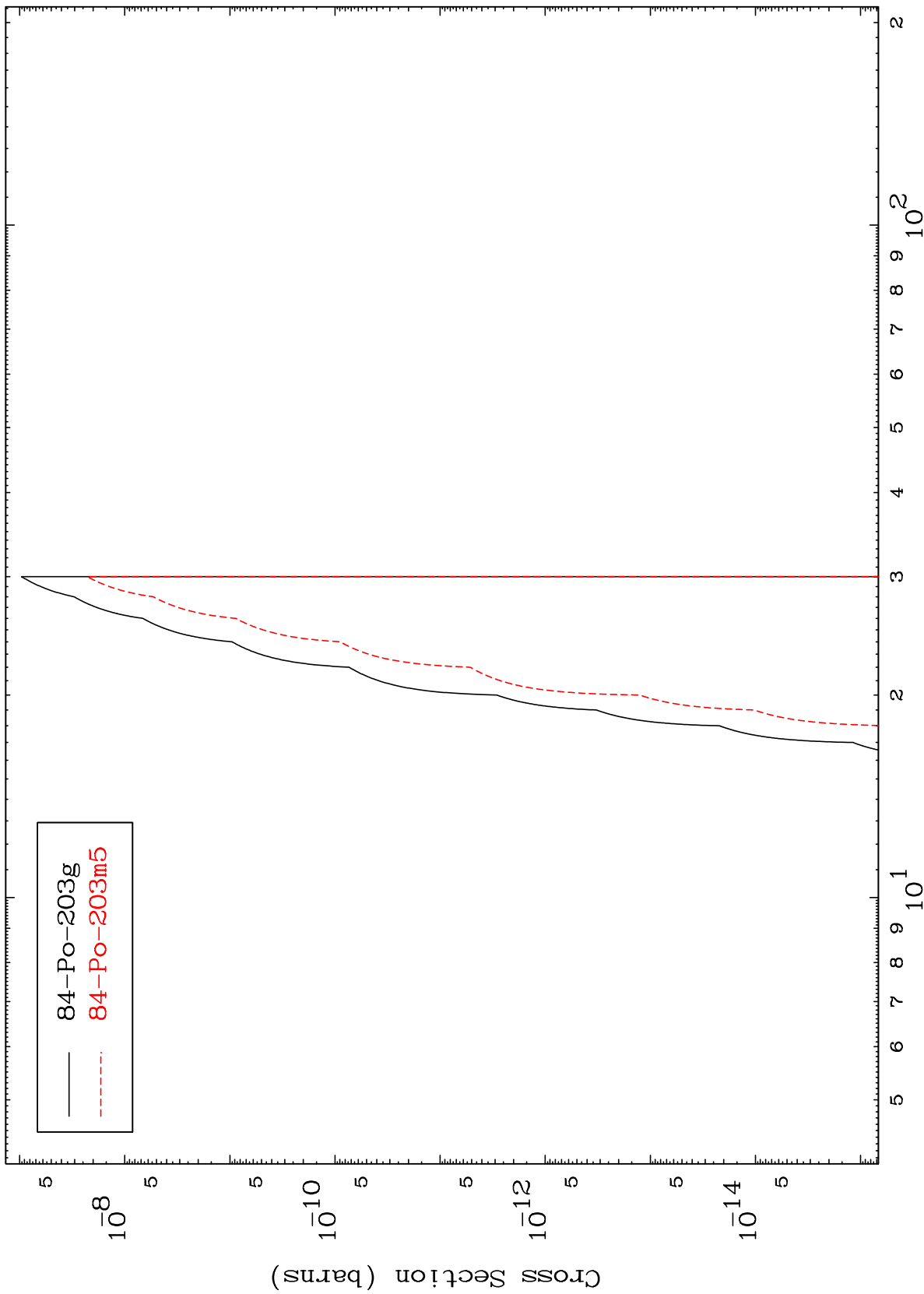
87-Fr-209

MAT 8716

(γ, n') p α

87-Fr-209

Radionuclide Production Cross Section



84-Po-203g
84-Po-203m5

15

Incident Energy (MeV)

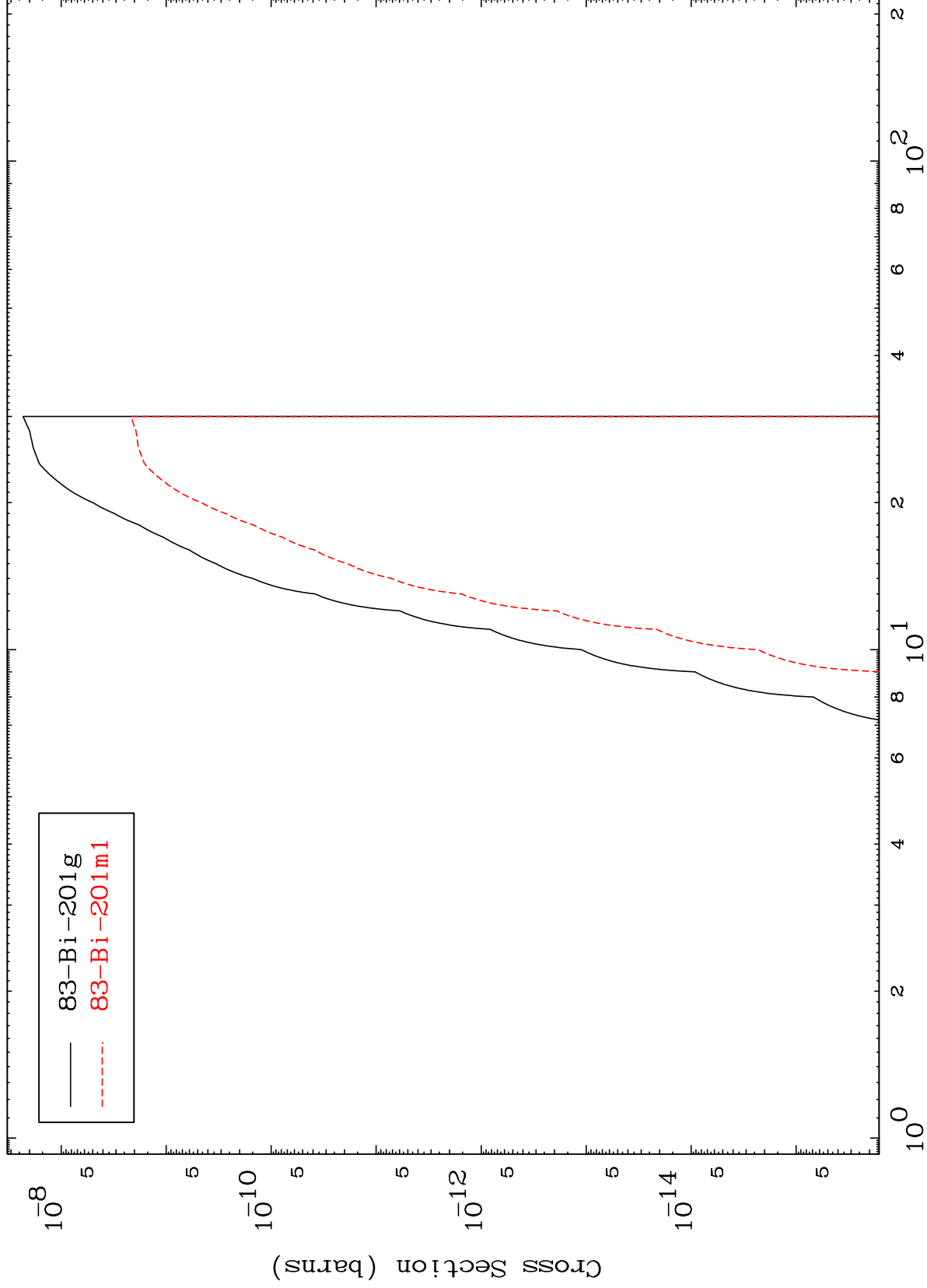
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MAT 8716

($\gamma, 2\alpha$)

87-Fr-209

Radionuclide Production Cross Section



Incident Energy (MeV)

87-Fr-209