

Program EVALPLOT
(Version 2017-1)

by

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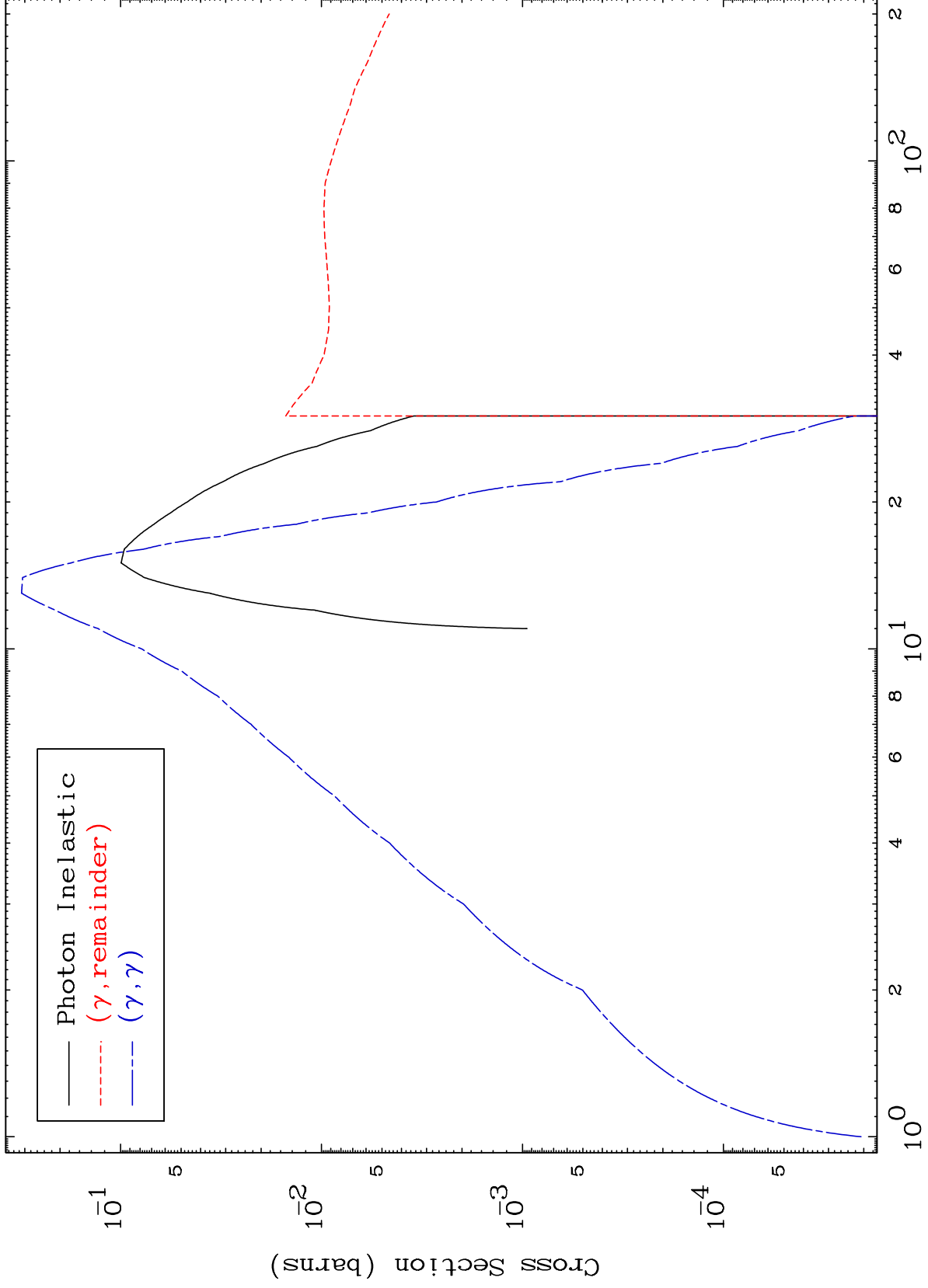
Press Mouse Button to Start

MAT 8508

Photon Major

85-At-197

0 Kelvin Cross Sections



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

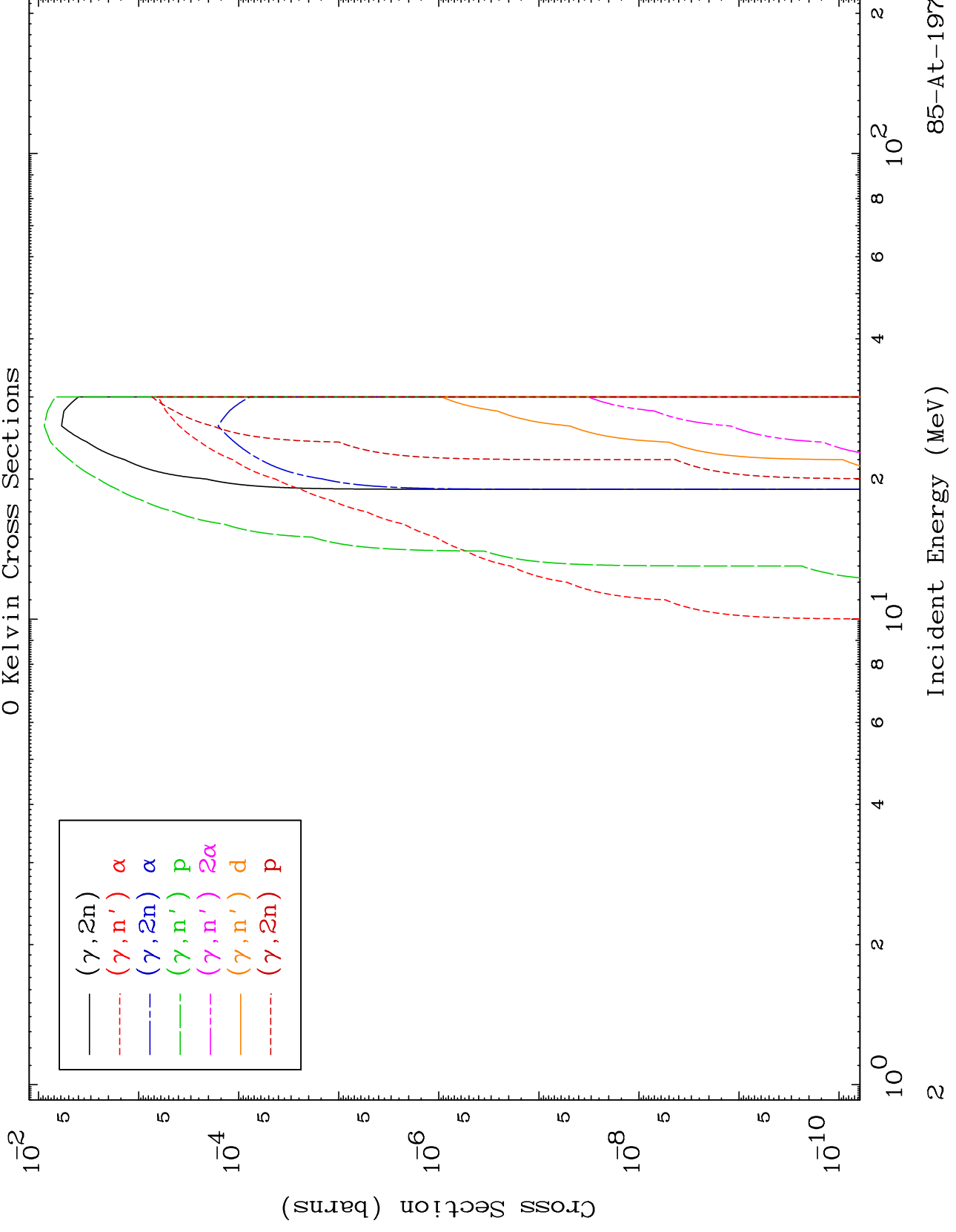
Incident Energy (MeV)

85-At-197

MAT 8508

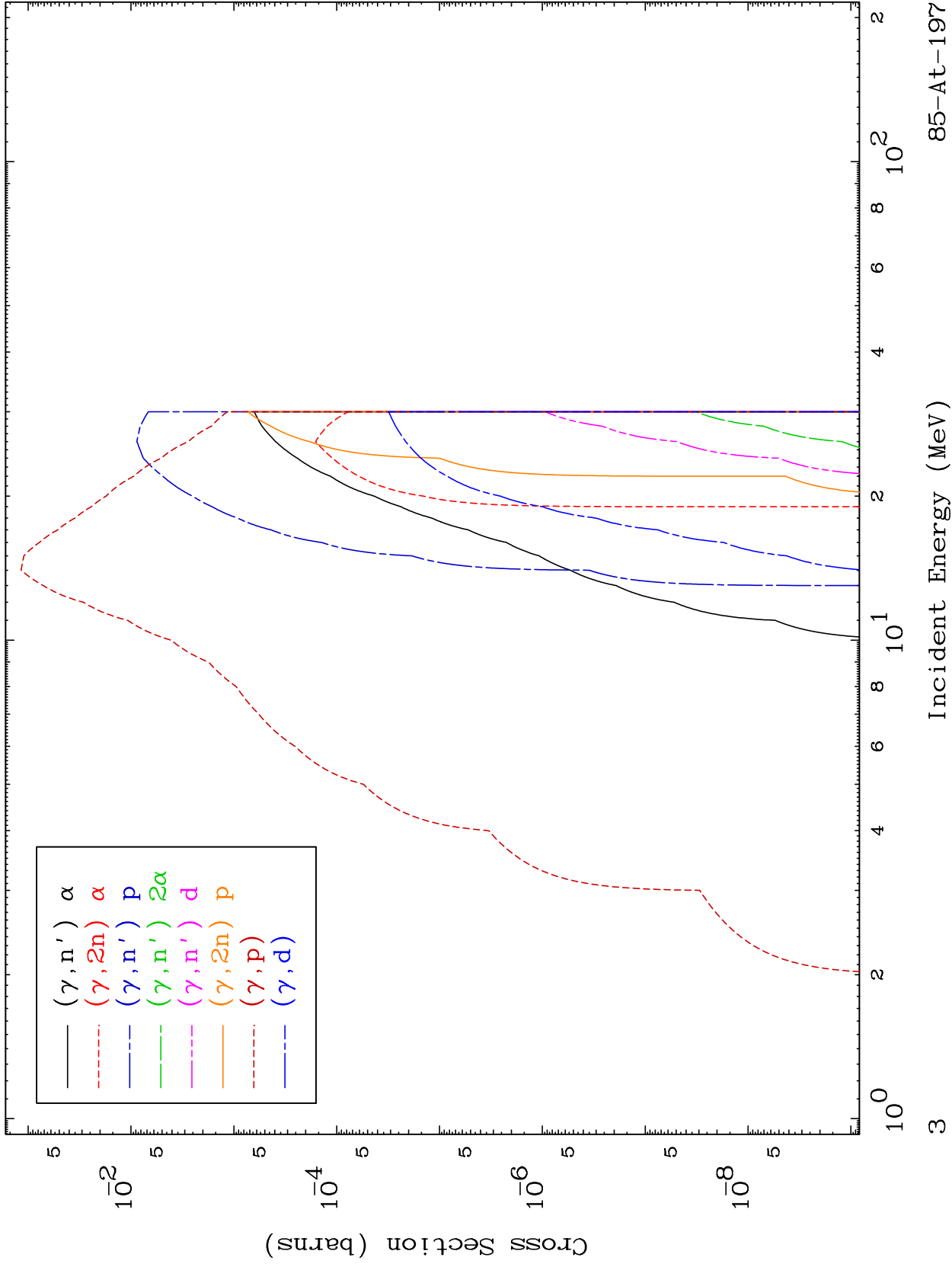
Photon Neutron Production
0 Kelvin Cross Sections

85-At-197



85-At-197

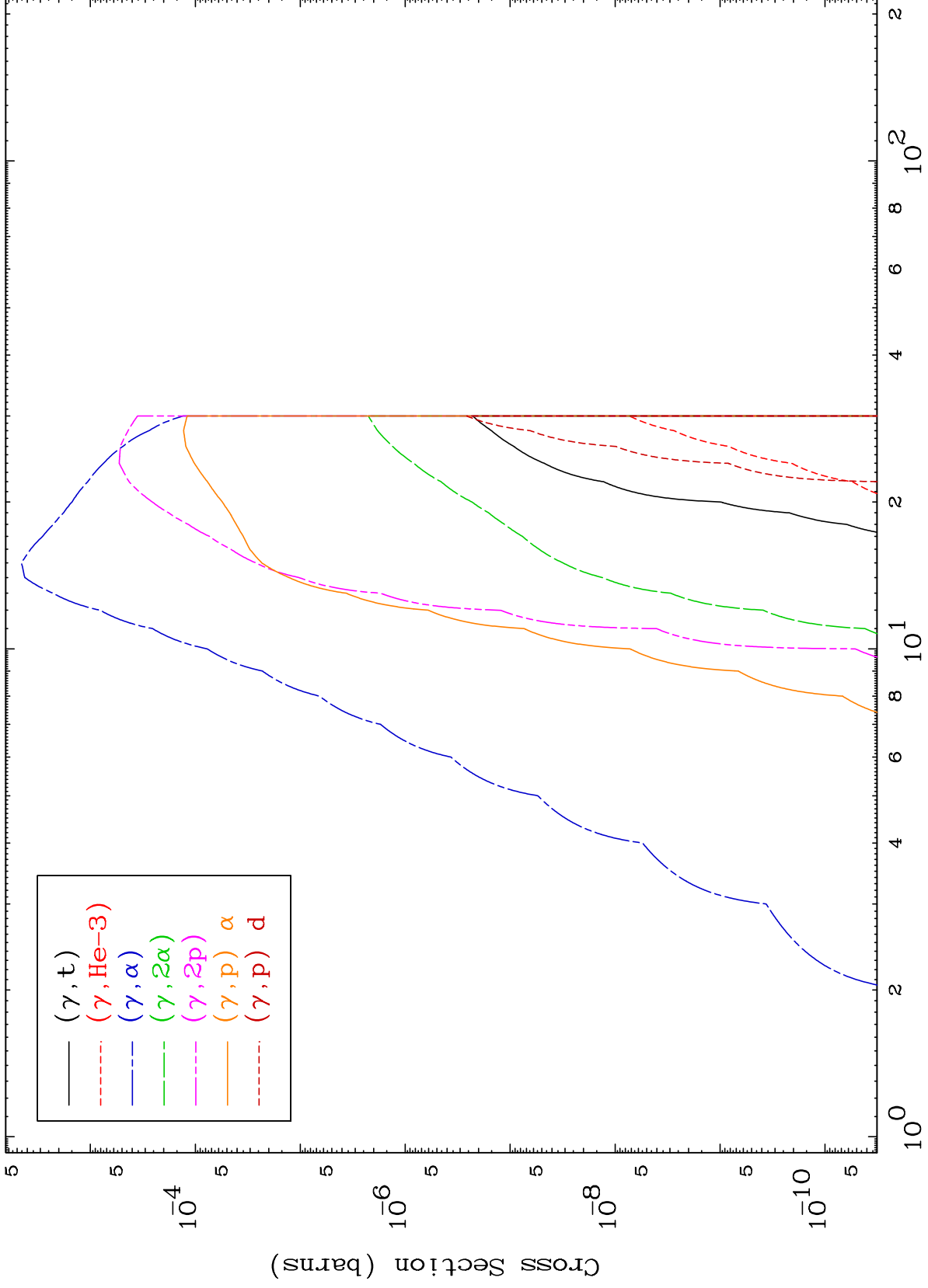
Incident Energy (MeV)



MAT 8508

Photon Charged Particle
0 Kelvin Cross Sections

85-At-197



Incident Energy (MeV)

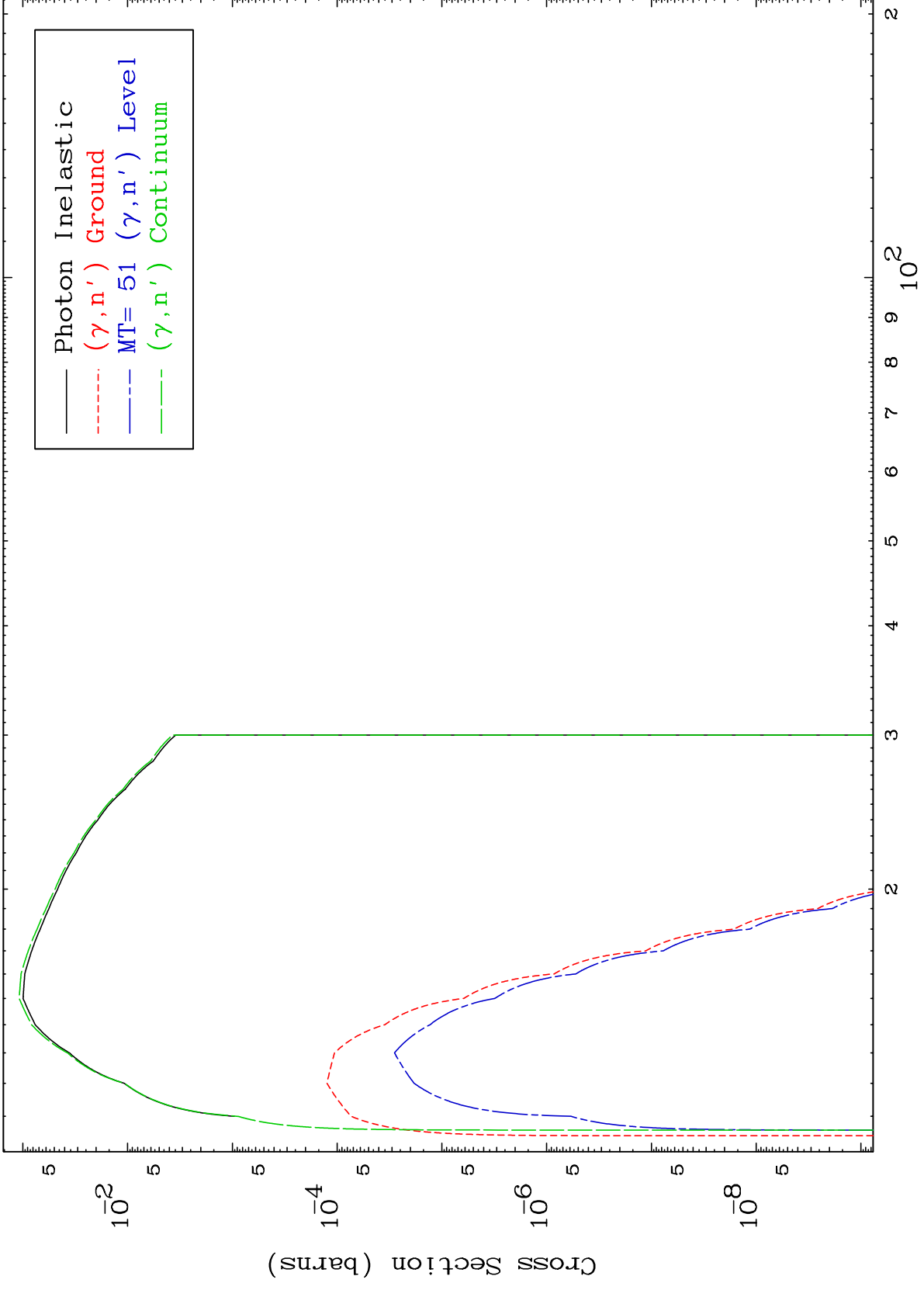
85-At-197

MAT 8508

(γ, n') Level

85-At-197

0 Kelvin Cross Sections



Incident Energy (MeV)

85-At-197

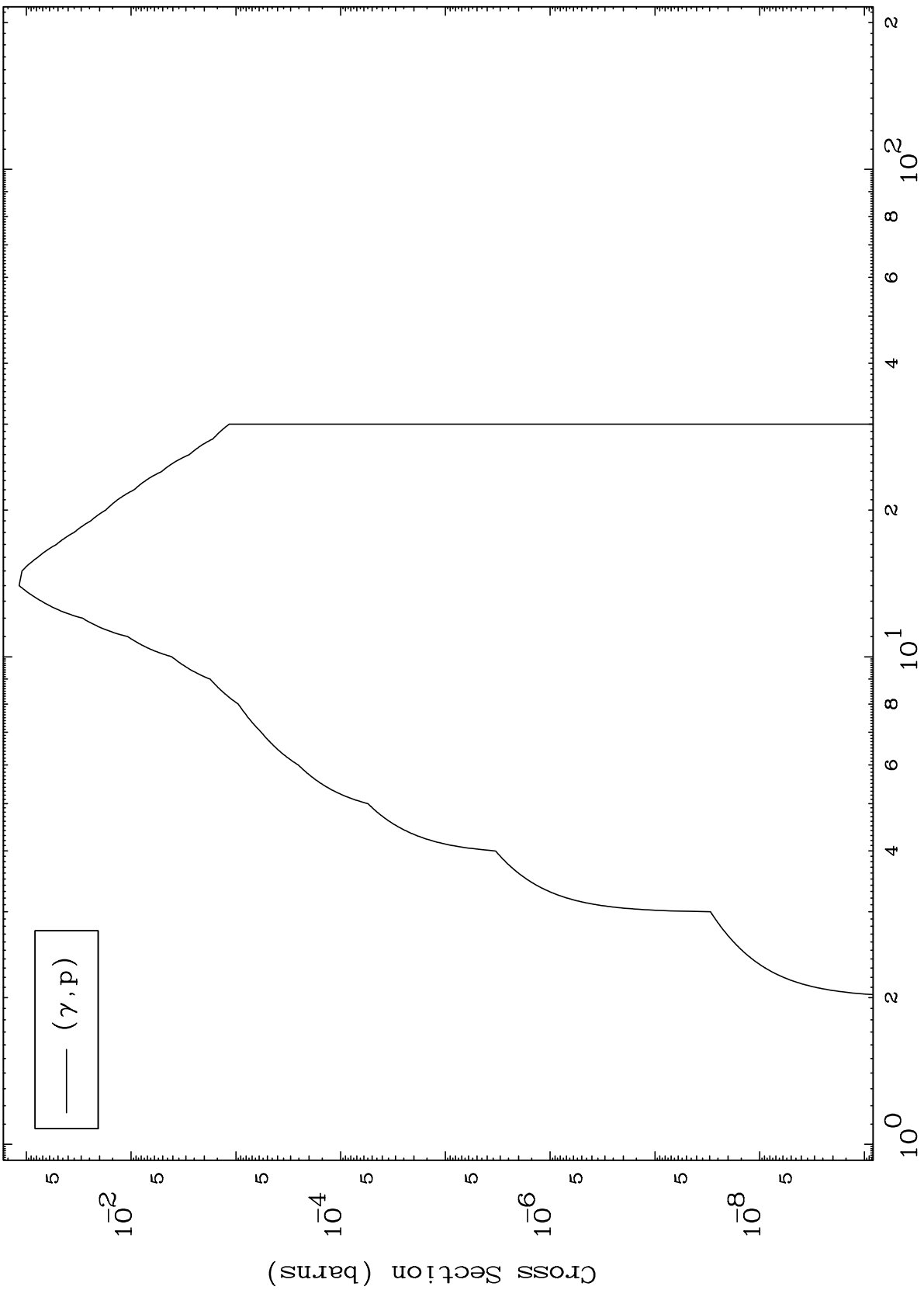
5

MAT 8508

(γ, p) Levels

85-At-197

0 Kelvin Cross Sections



Incident Energy (MeV)

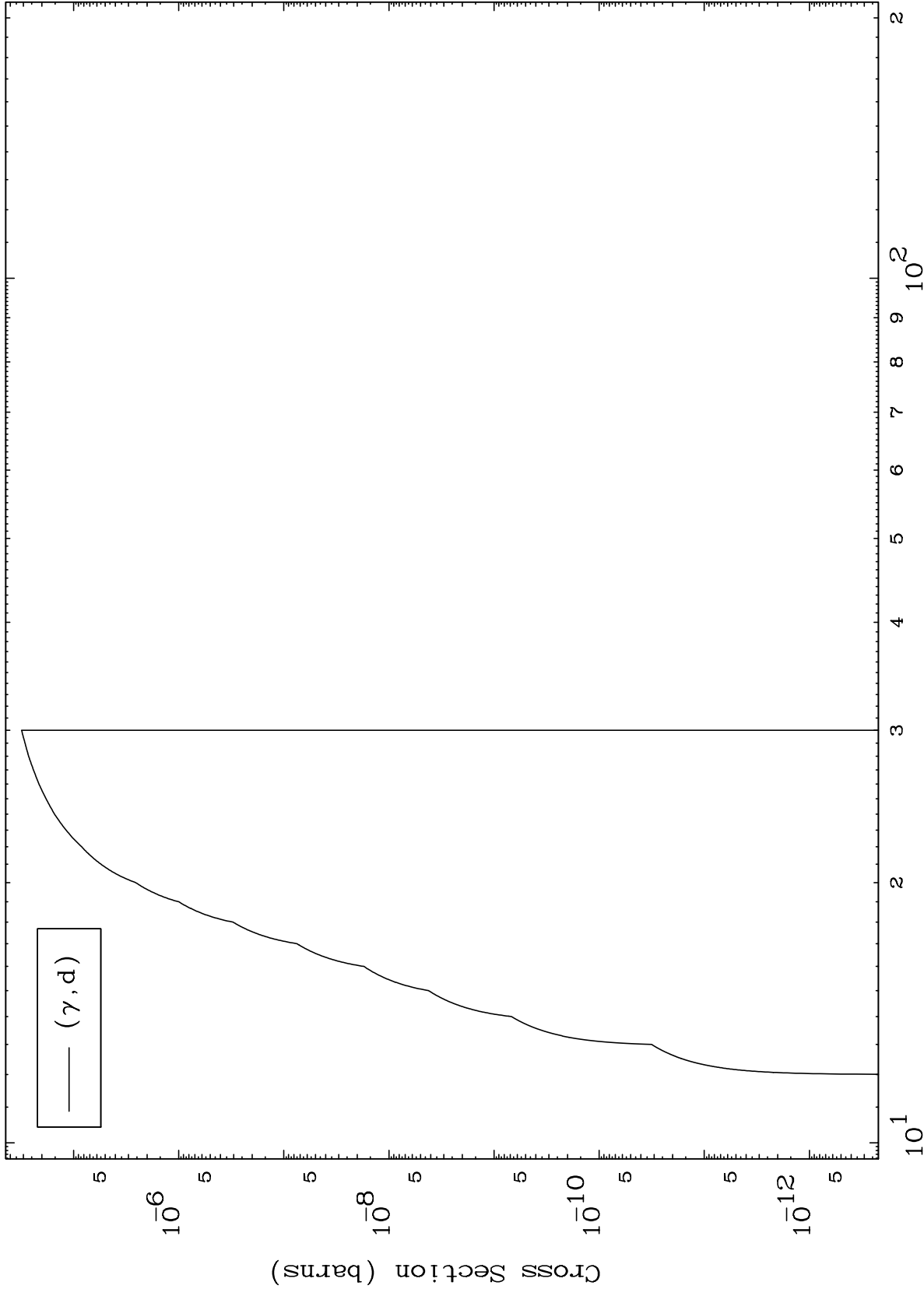
85-At-197

MAT 8508

(γ, d) Levels

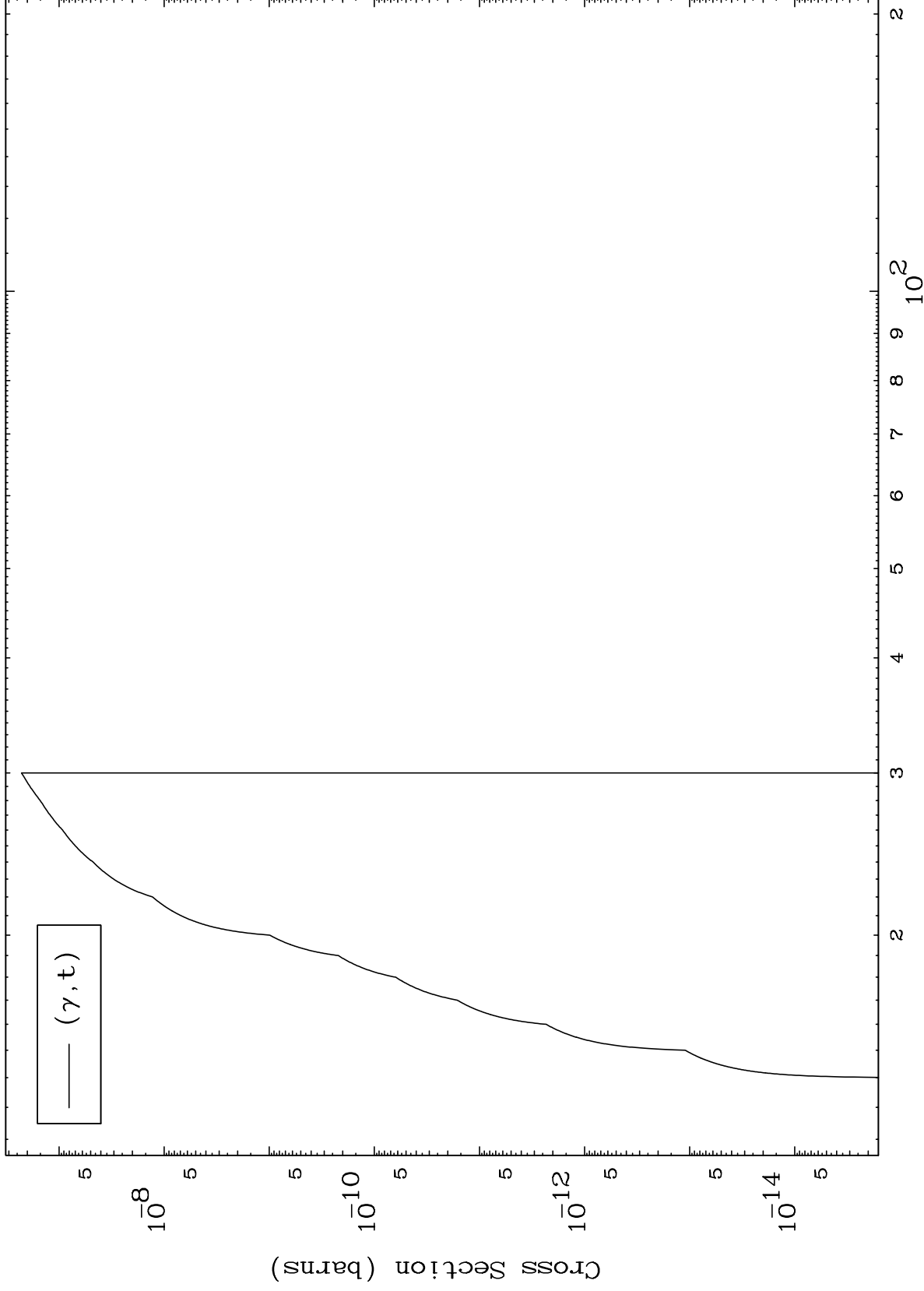
85-At-197

0 Kelvin Cross Sections



Incident Energy (MeV)

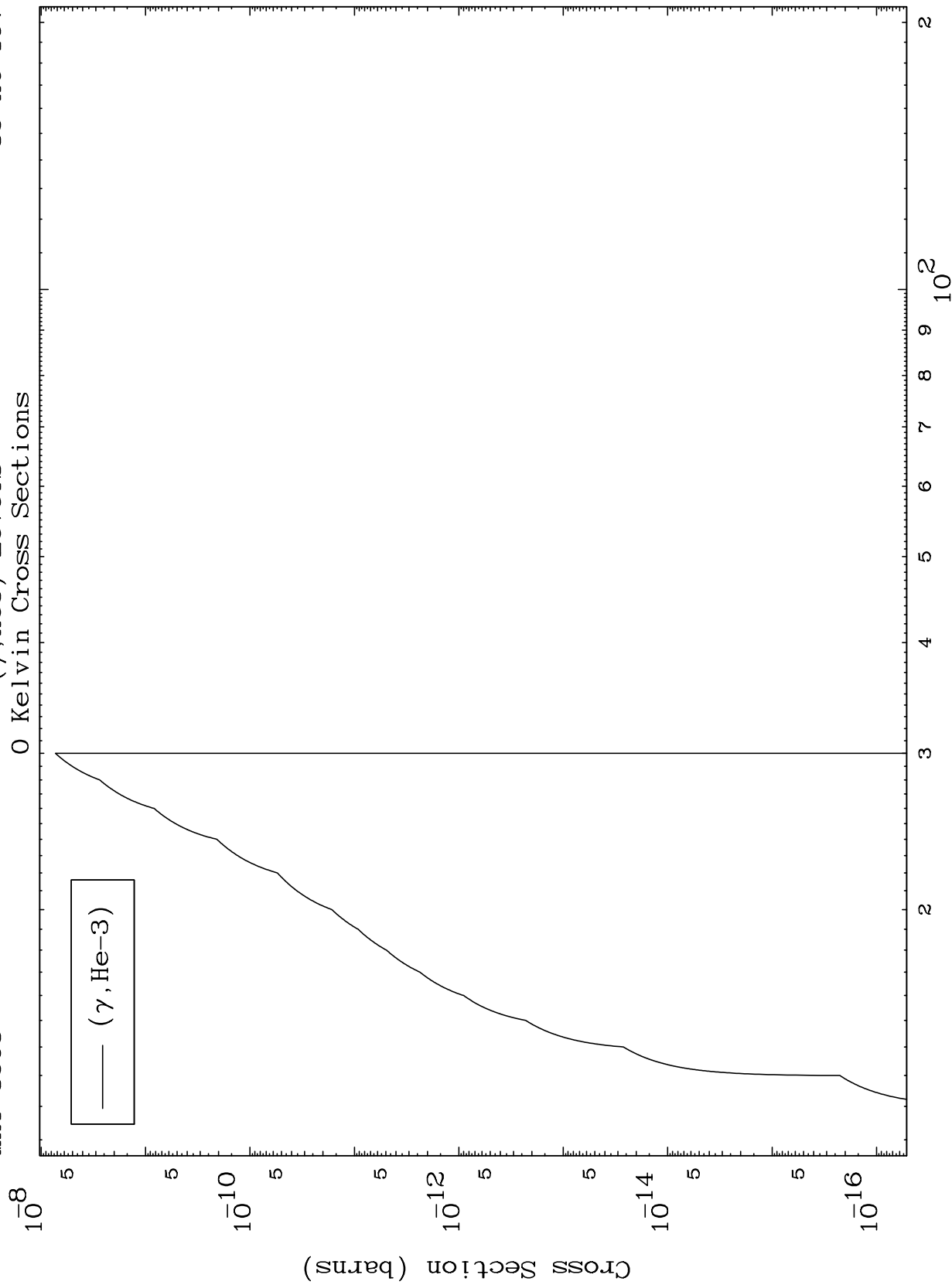
85-At-197



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85-At-197

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

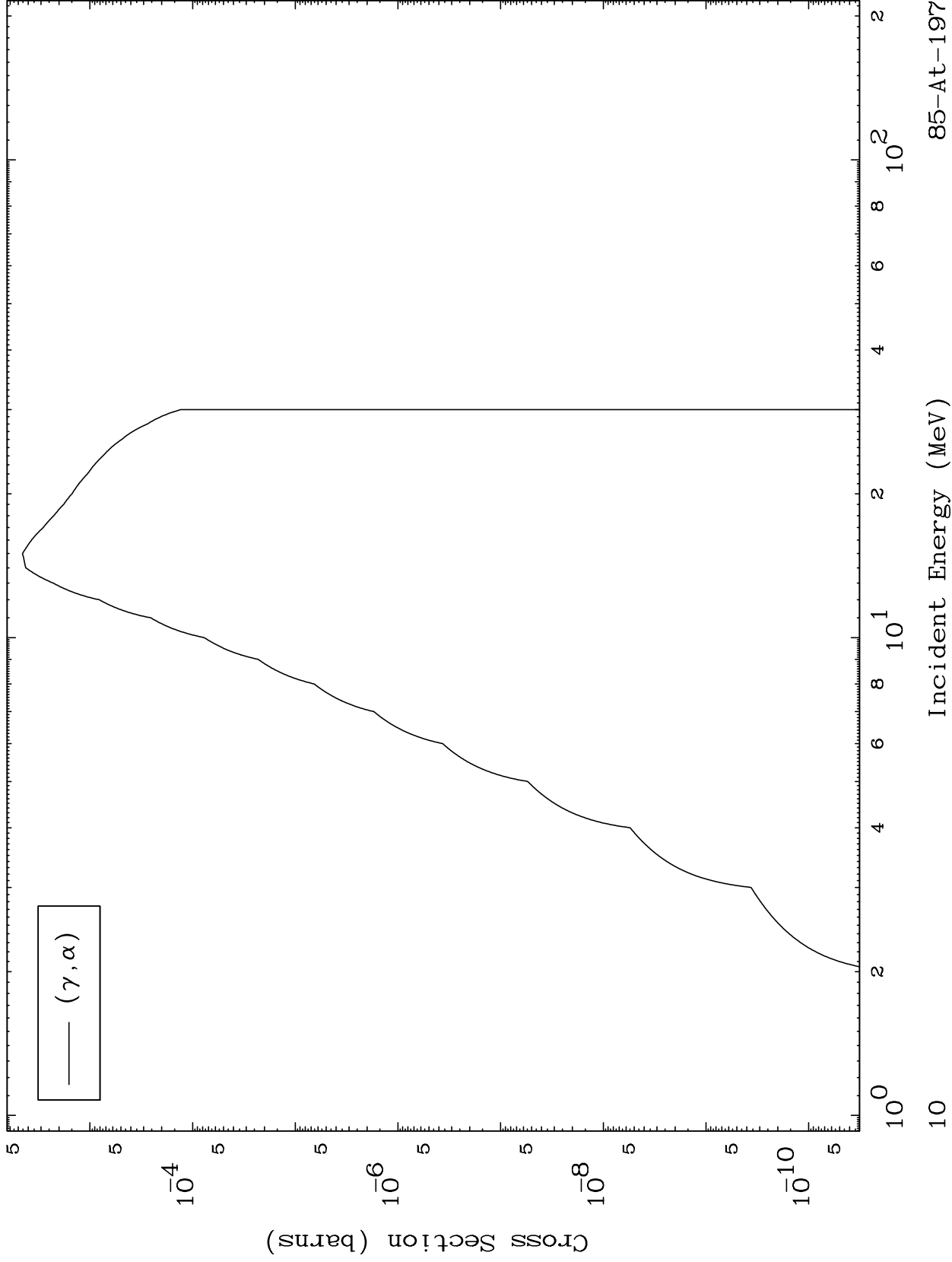


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(γ, α) Levels

85-At-197

0 Kelvin Cross Sections



Incident Energy (MeV)

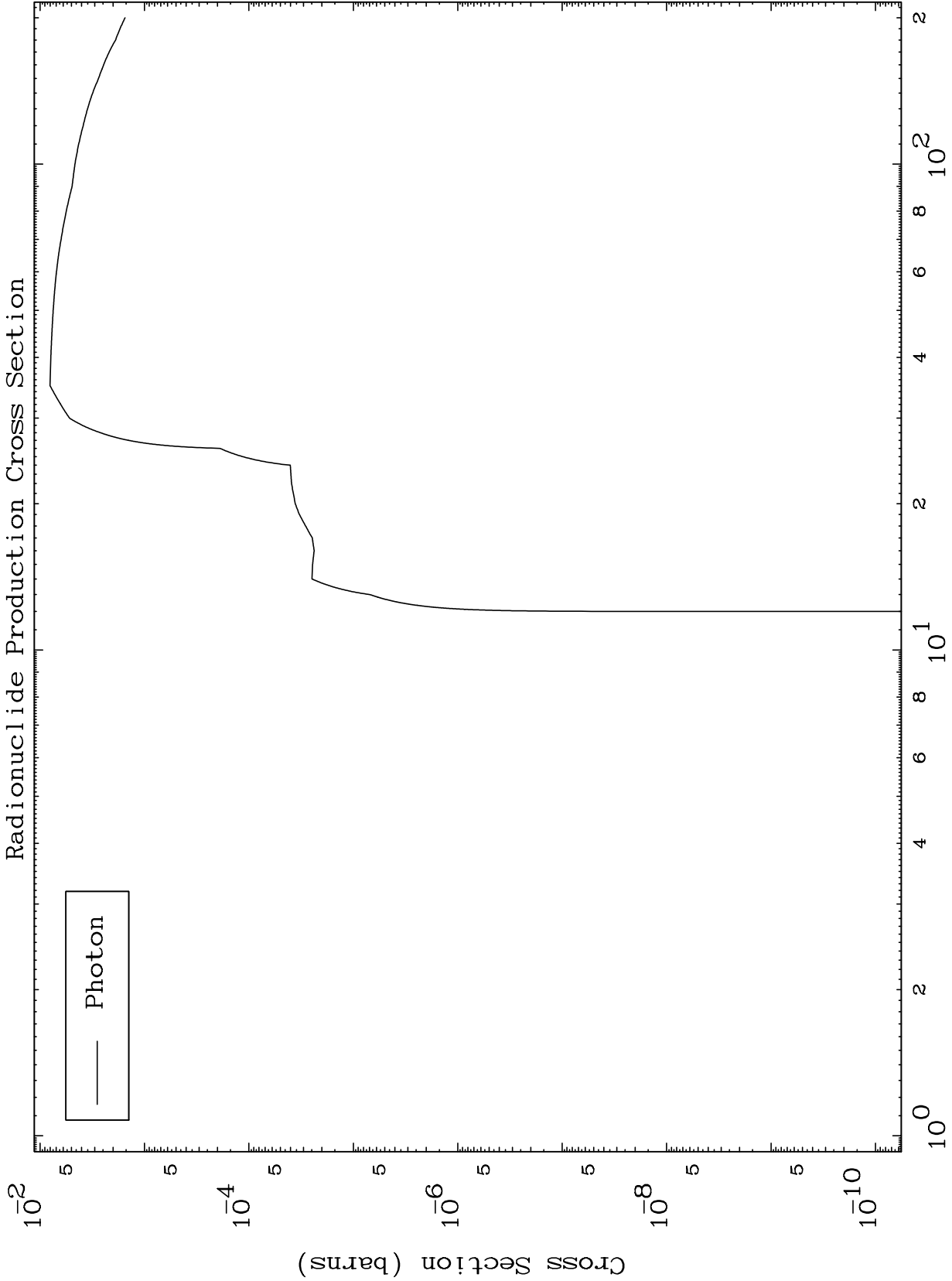
85-At-197

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Photon Fission

85-At-197

Radionuclide Production Cross Section



11

Incident Energy (MeV)

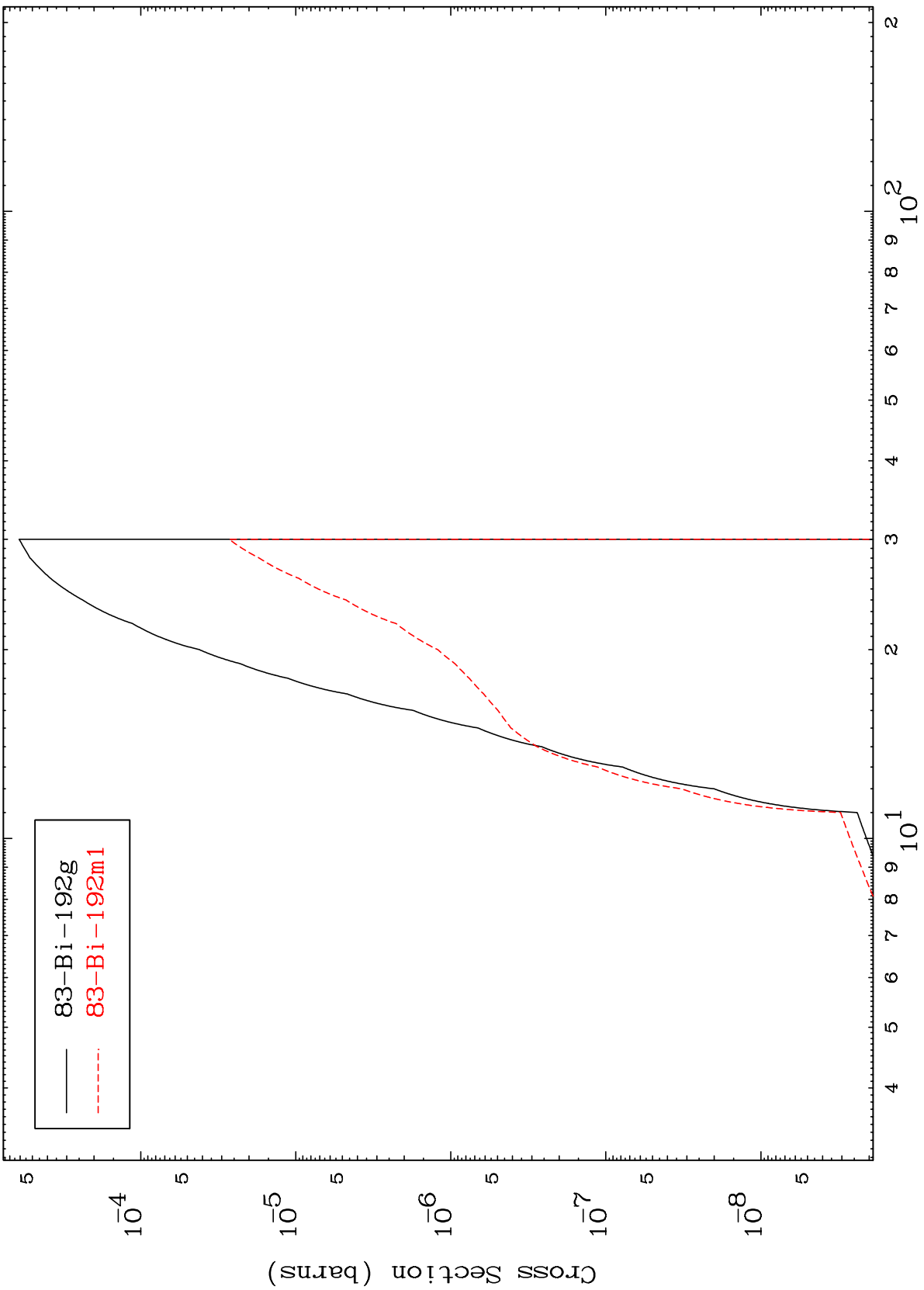
85-At-197

MAT 8508

(γ, n') α

85-At-197

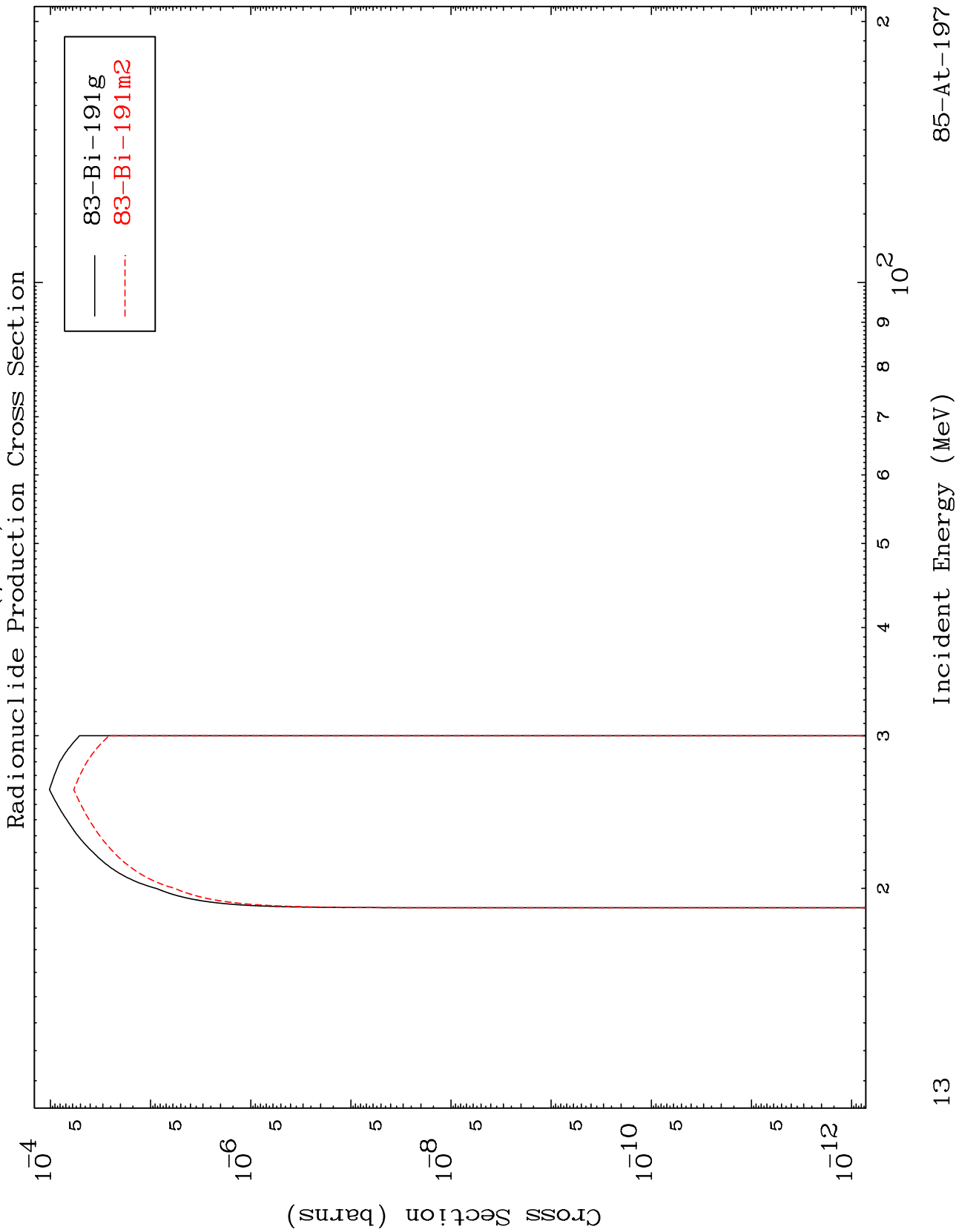
Radionuclide Production Cross Section



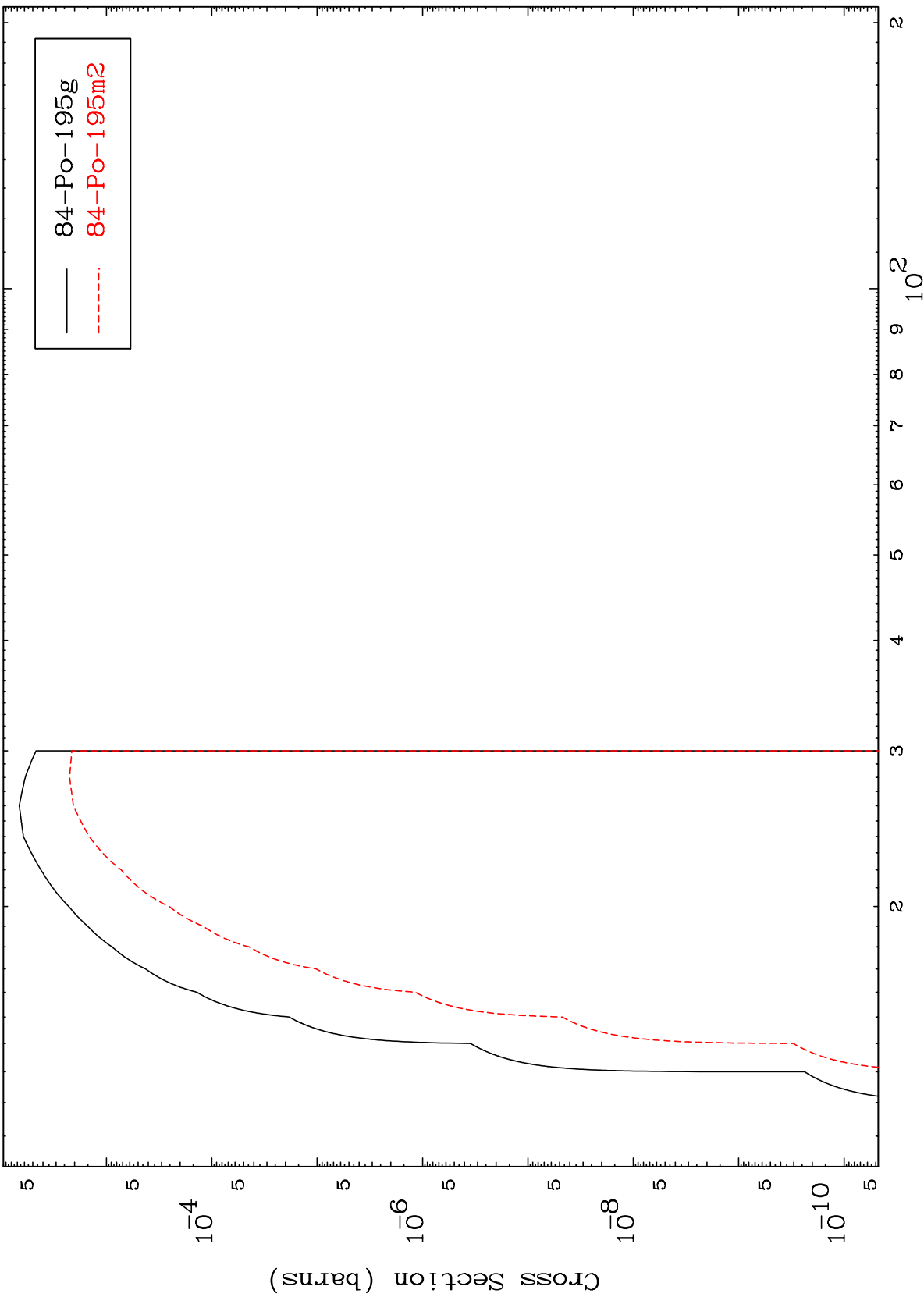
12

Incident Energy (MeV)

85-At-197



Radionuclide Production Cross Section

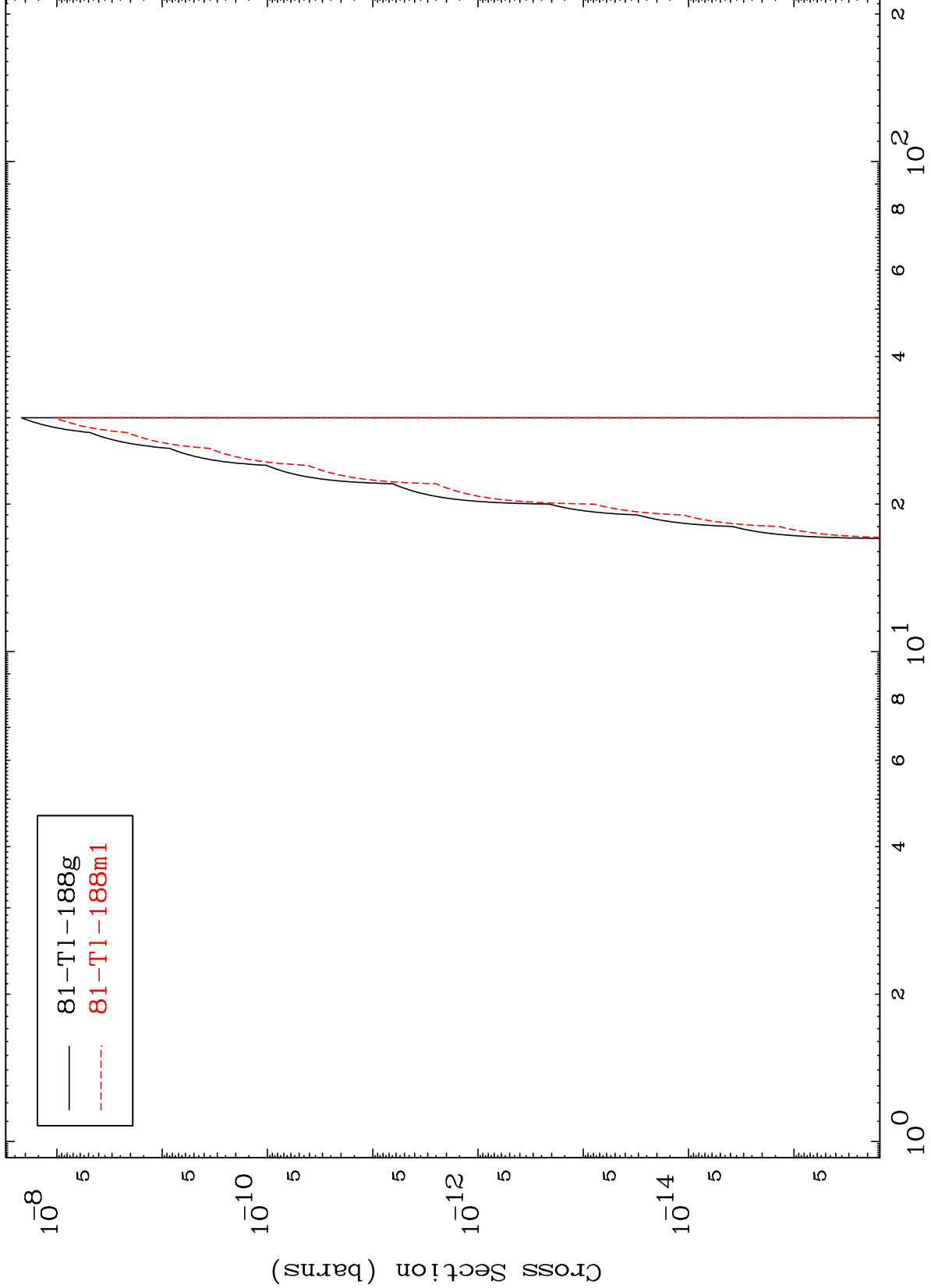


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(γ, n') 2α

85-At-197

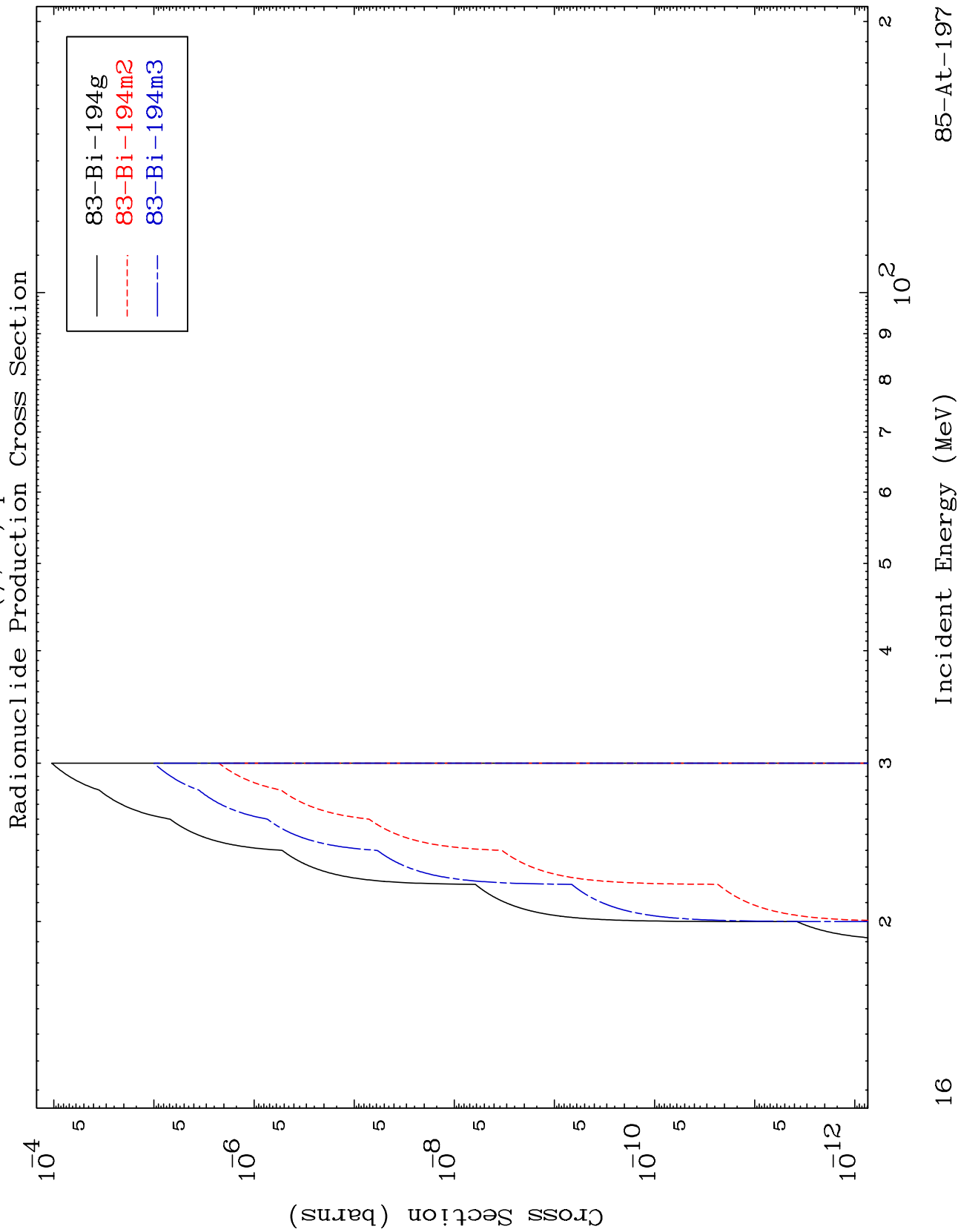
Radionuclide Production Cross Section



— 81-Tl-188g
- - - 81-Tl-188m1

Incident Energy (MeV)

85-At-197

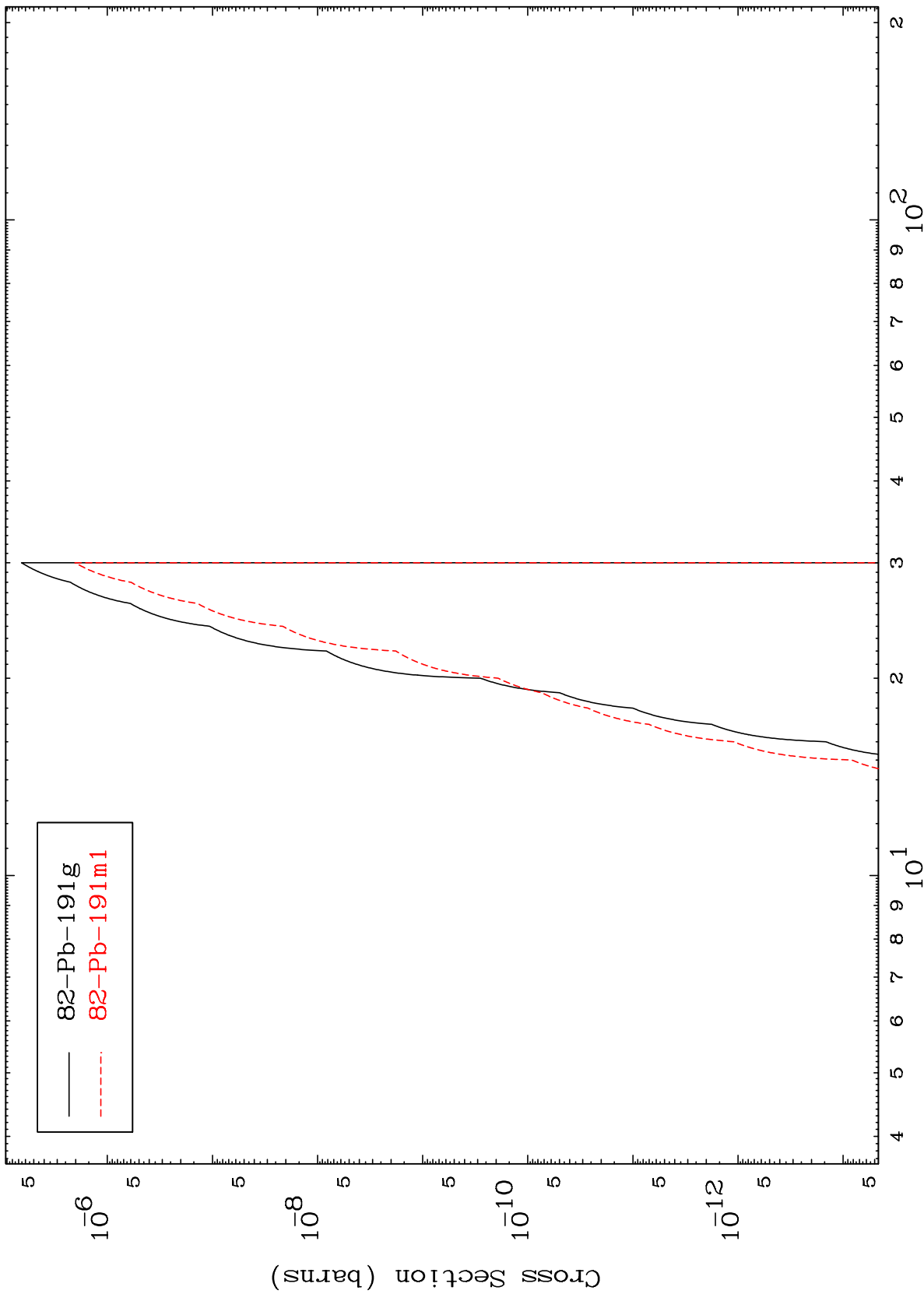


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(γ, n') p α

85-At-197

Radionuclide Production Cross Section



17

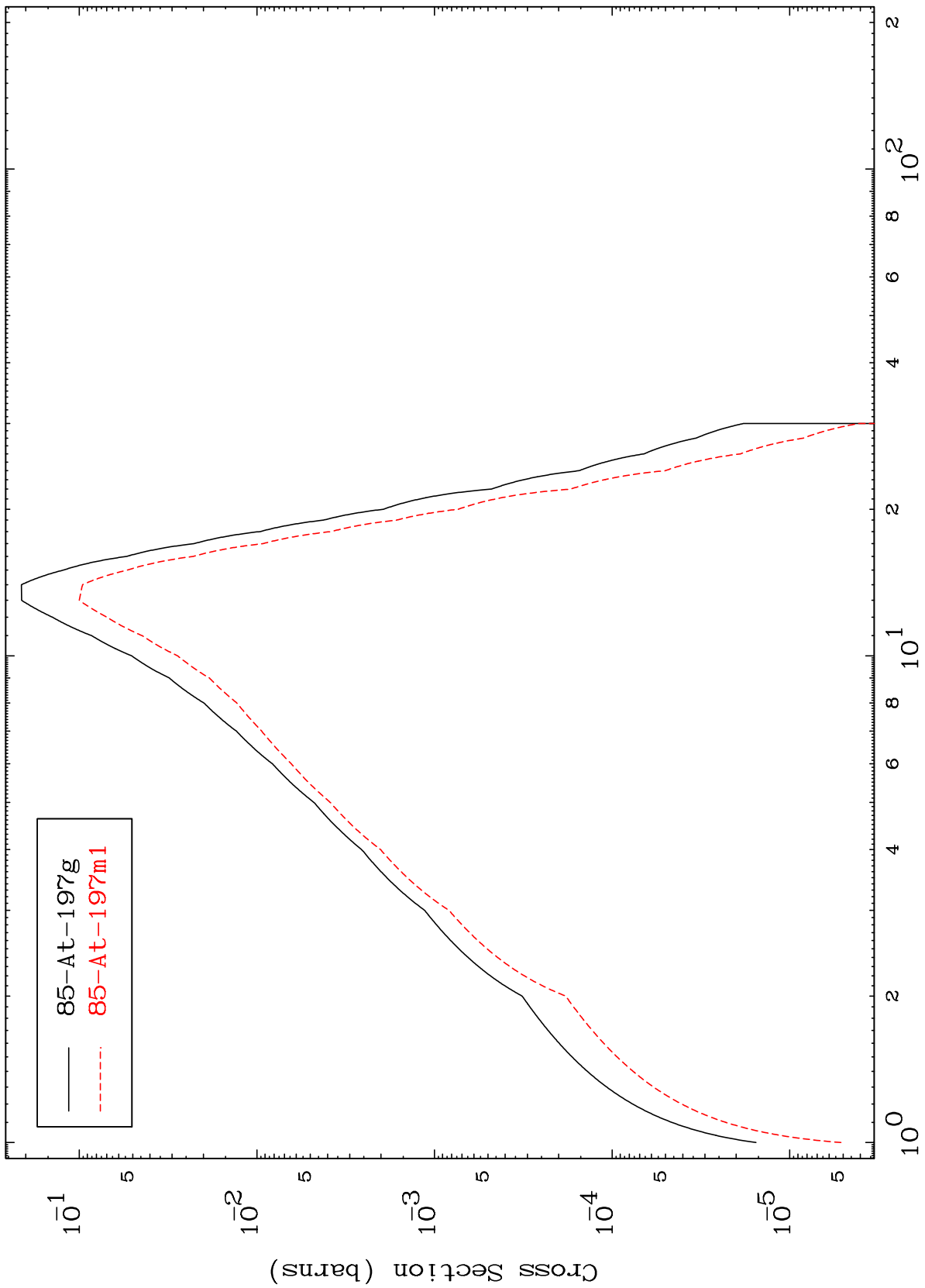
Incident Energy (MeV)

85-At-197

MAT 8508

85-At-197

Radionuclide Production Cross Section
(γ, γ)



— 85-At-197g
- - - 85-At-197m1

85-At-197

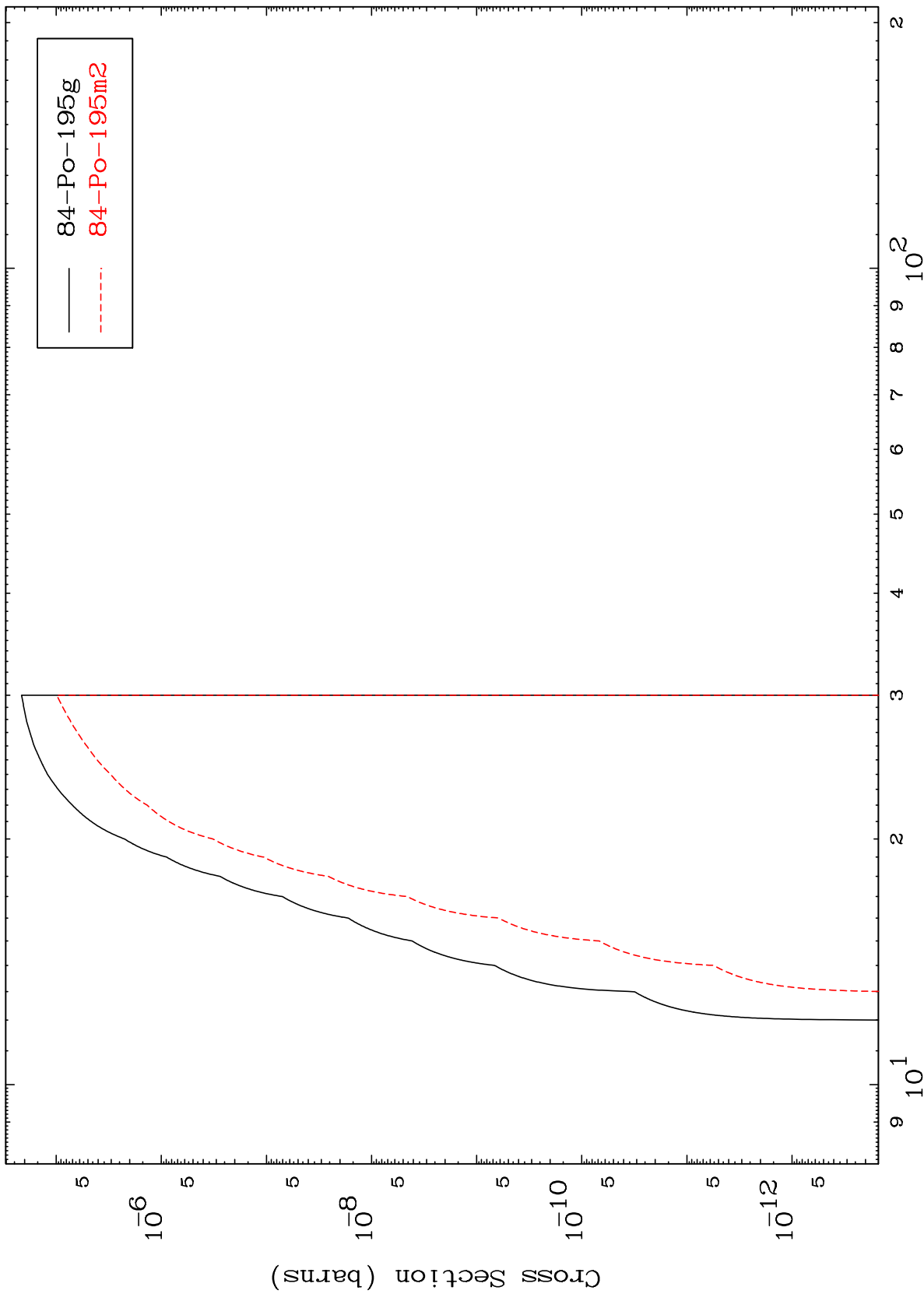
Incident Energy (MeV)

18

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85-At-197

(γ, d)
Radionuclide Production Cross Section



19

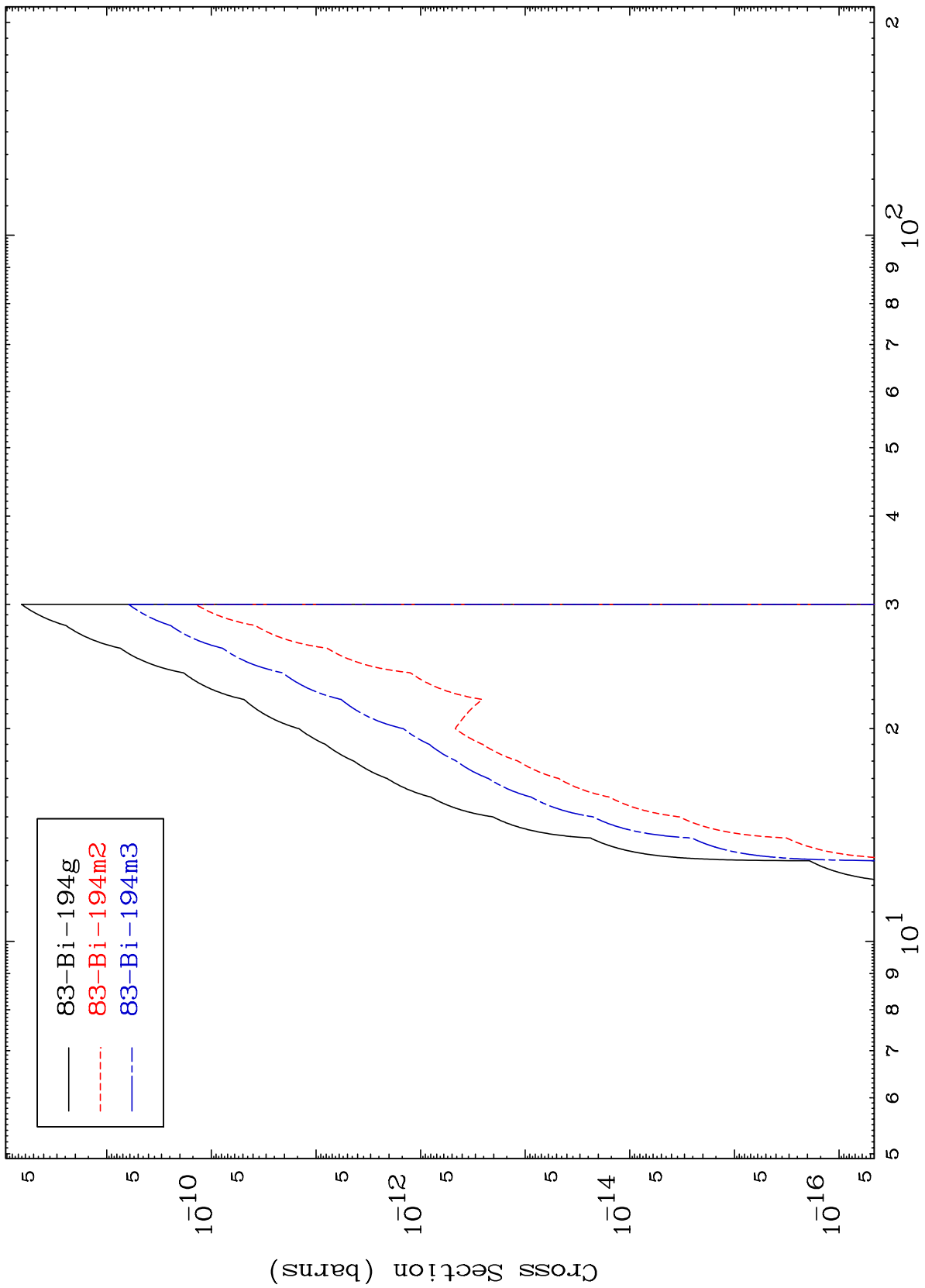
Incident Energy (MeV)

85-At-197

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85-At-197

Radionuclide Production Cross Section
($\gamma, \text{He-3}$)



20

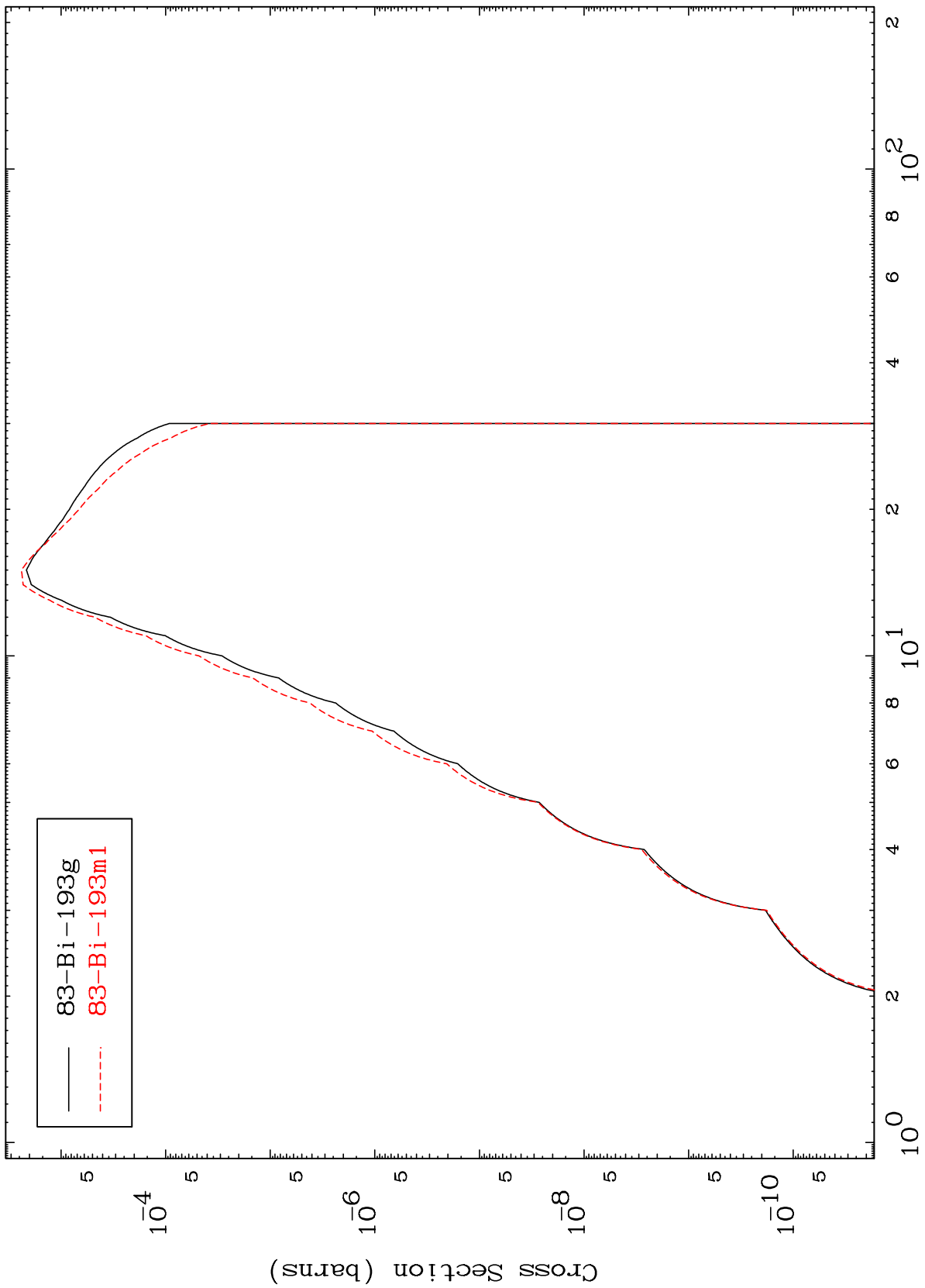
Incident Energy (MeV)

85-At-197

MAT 8508

85-At-197

Radionuclide Production Cross Section
(γ, α)



83-Bi-193g
83-Bi-193m1

85-At-197

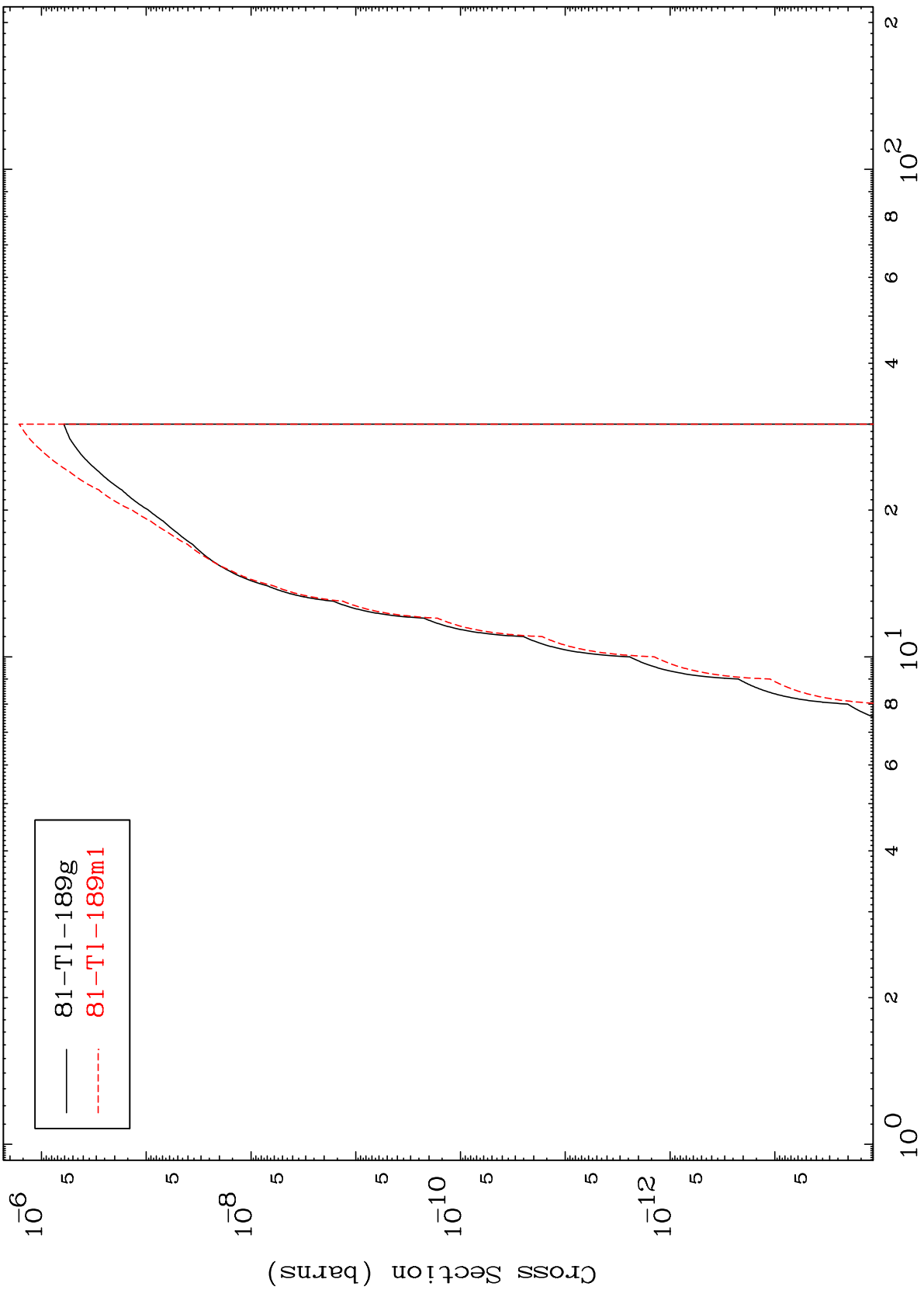
Incident Energy (MeV)

21

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85-At-197

Radionuclide Production Cross Section
($\gamma, 2\alpha$)



85-At-197

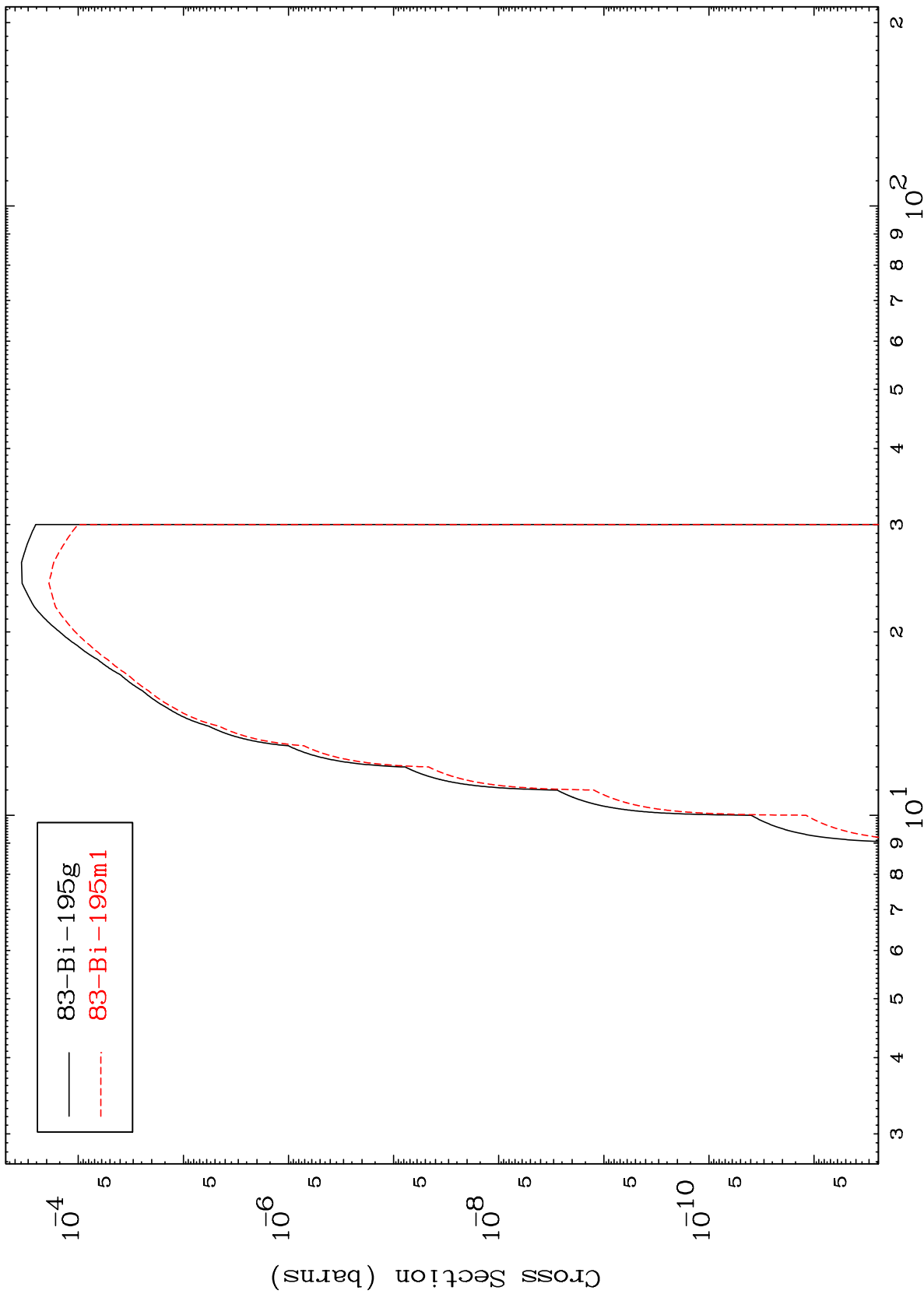
Incident Energy (MeV)

22

MAT 8508

85-At-197

($\gamma, 2p$)
Radionuclide Production Cross Section

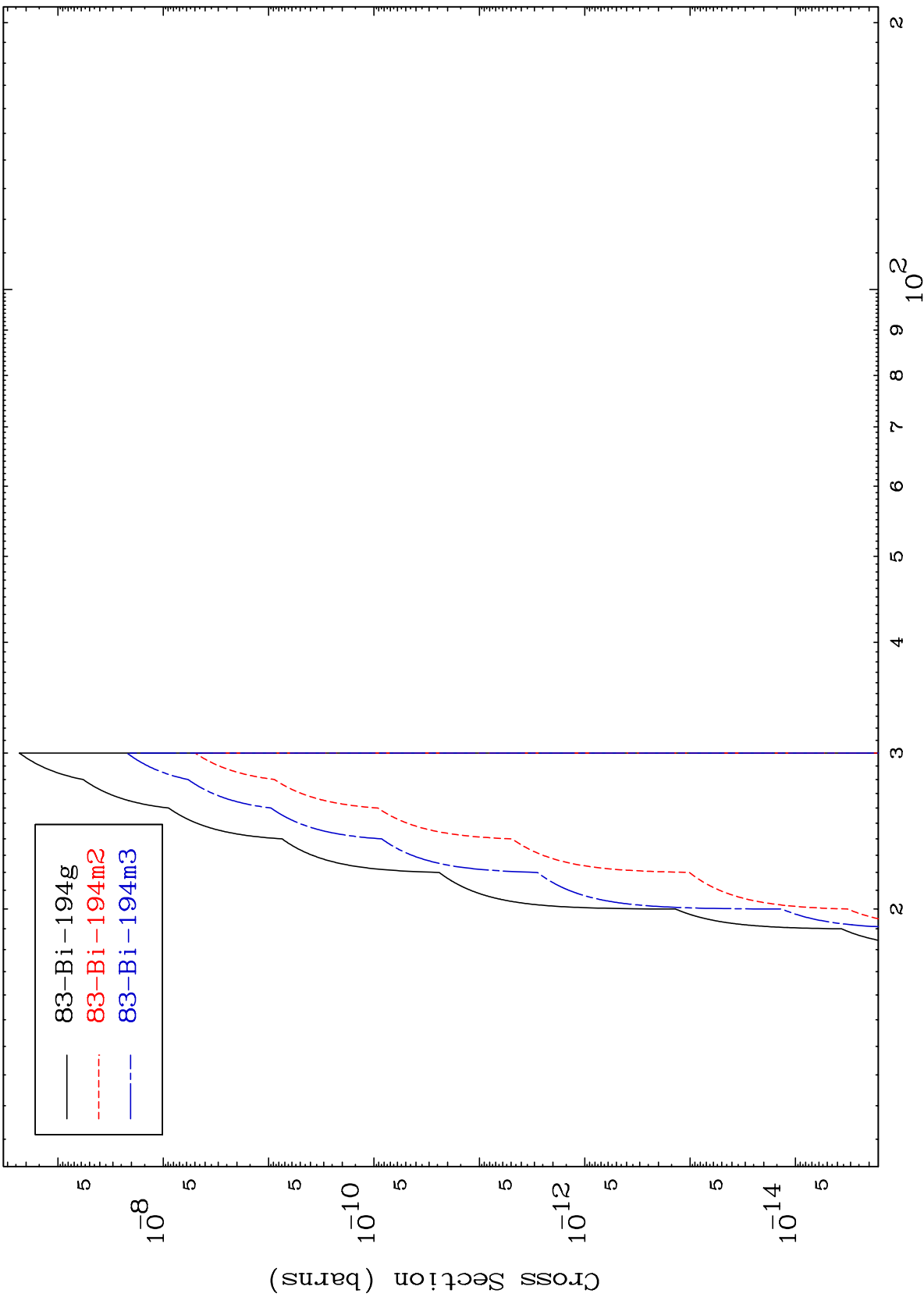


85-At-197

Incident Energy (MeV)

23

Radionuclide Production Cross Section

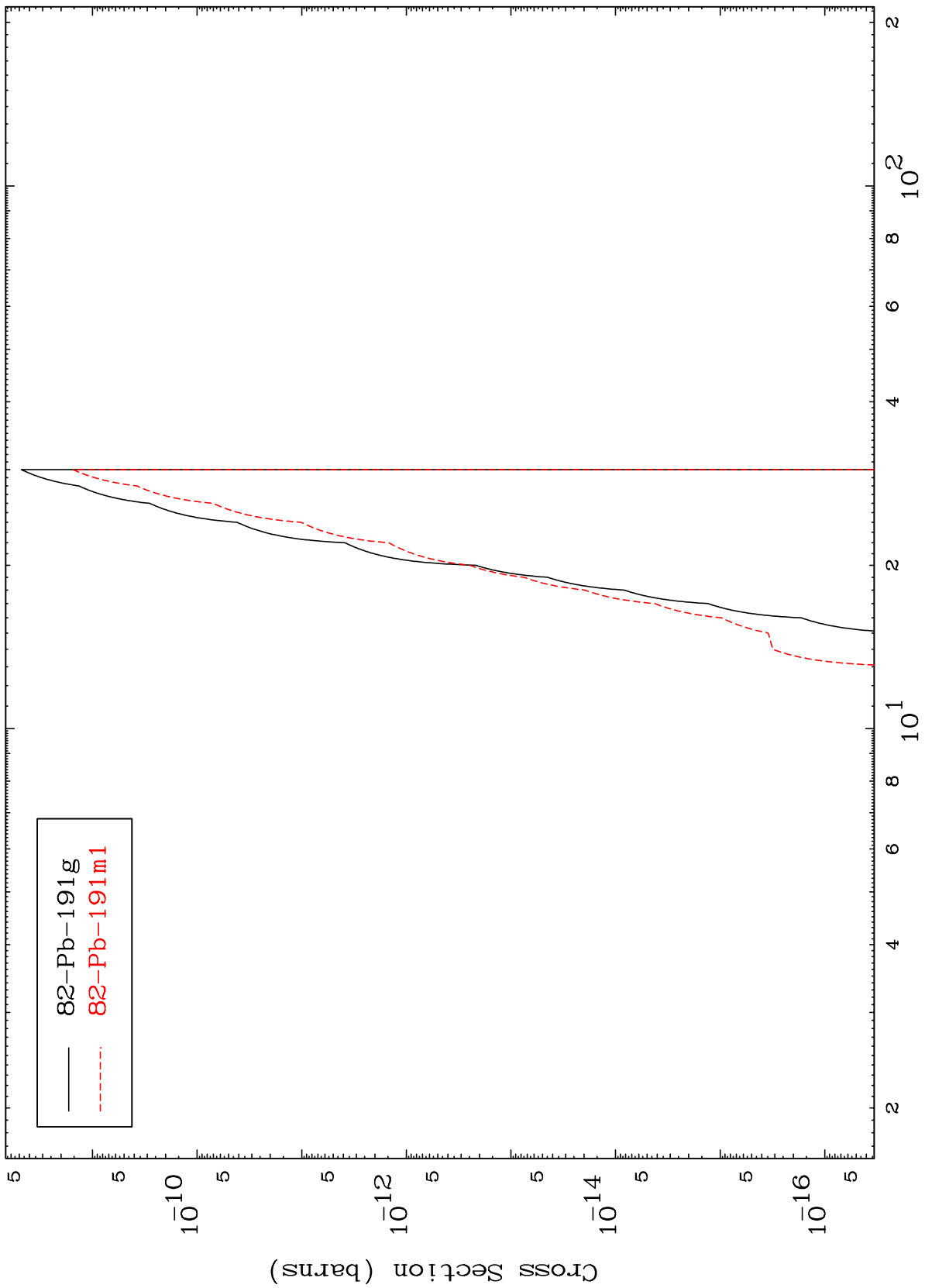


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(γ, d) α

85-At-197

Radionuclide Production Cross Section



25

Incident Energy (MeV)

85-At-197