

Program EVALPLOT
(Version 2017-1)

by

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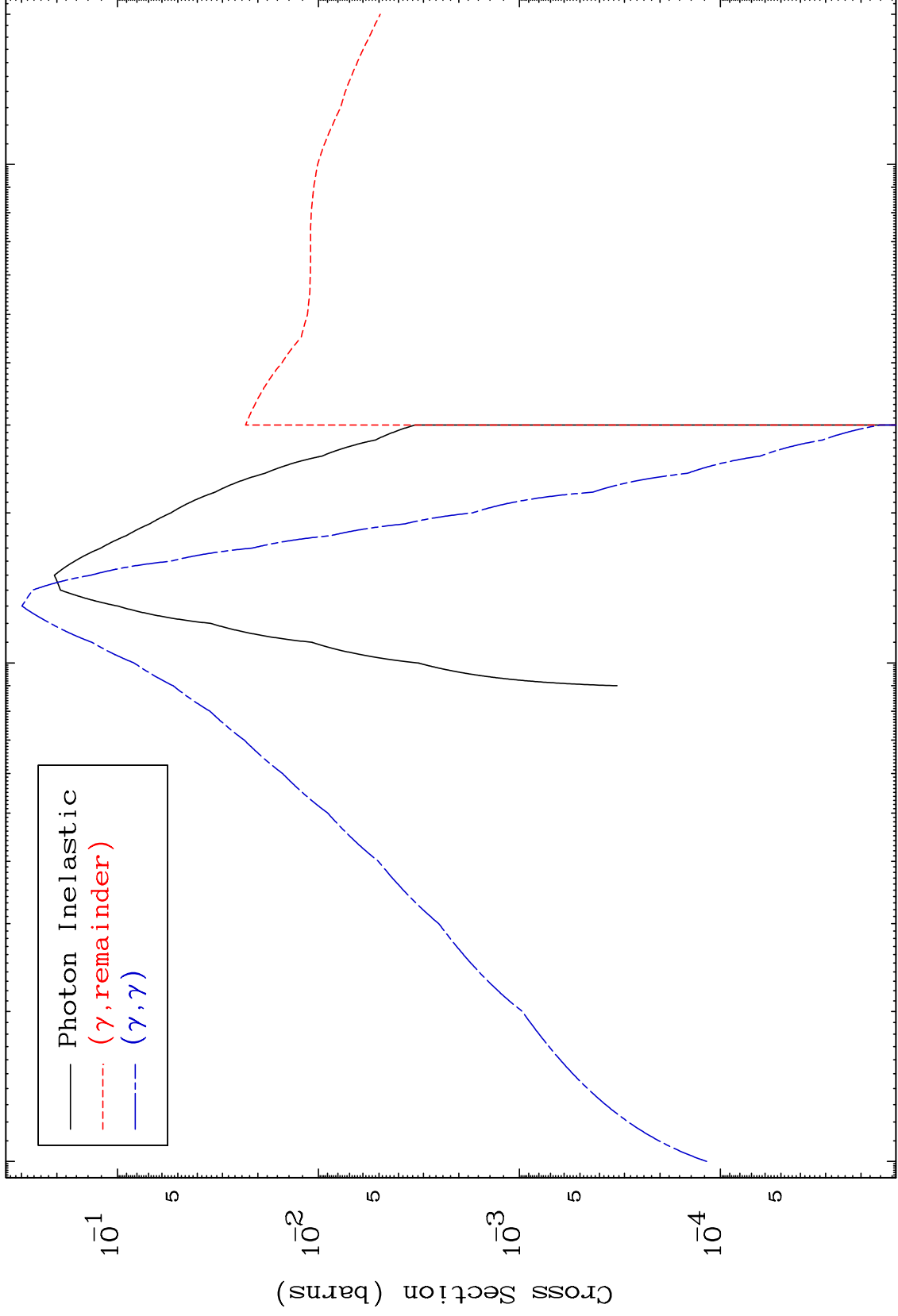
Press Mouse Button to Start

MAT 8510

Photon Major

85-At-198

0 Kelvin Cross Sections



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

85-At-198

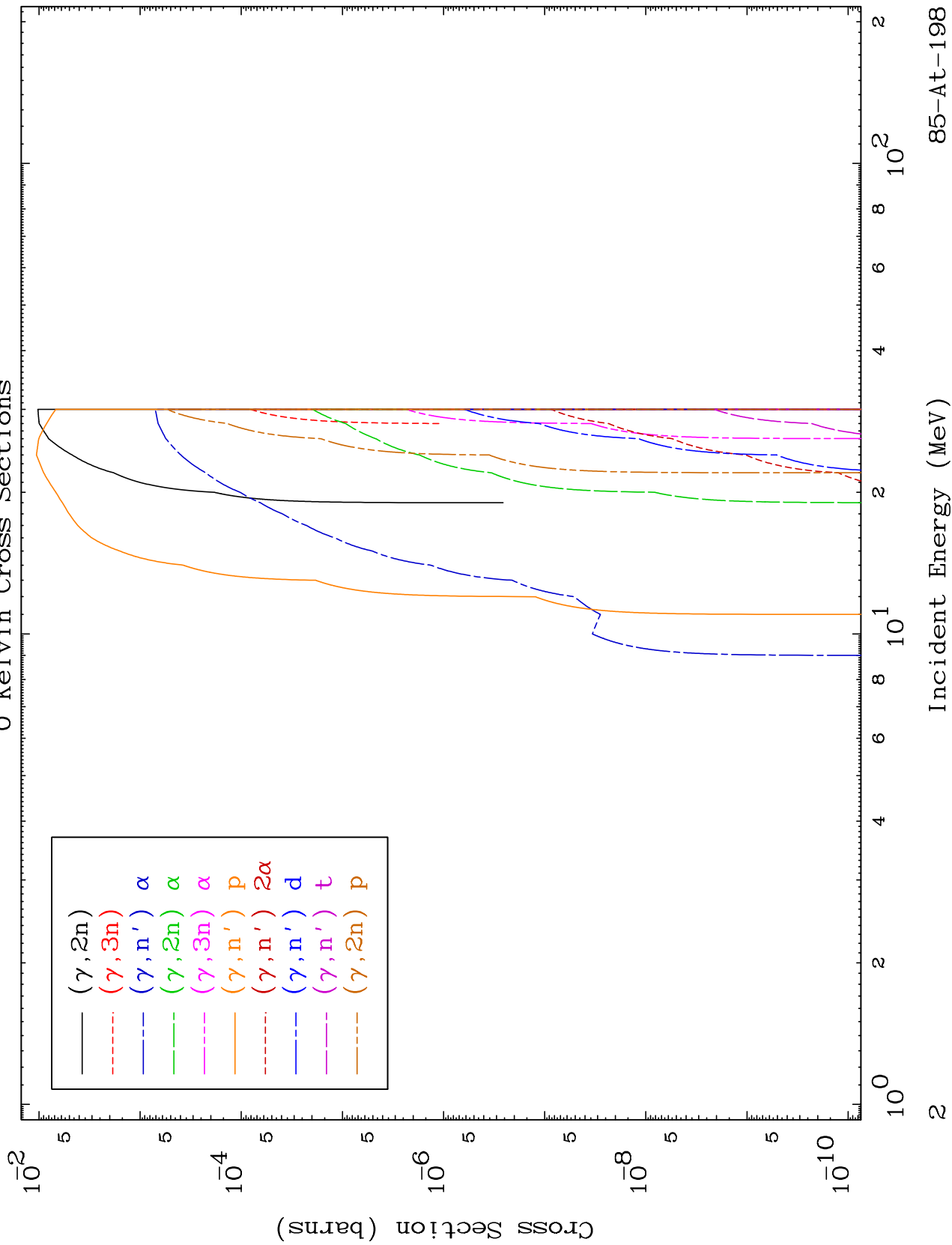
Incident Energy (MeV)

1

MAT 8510

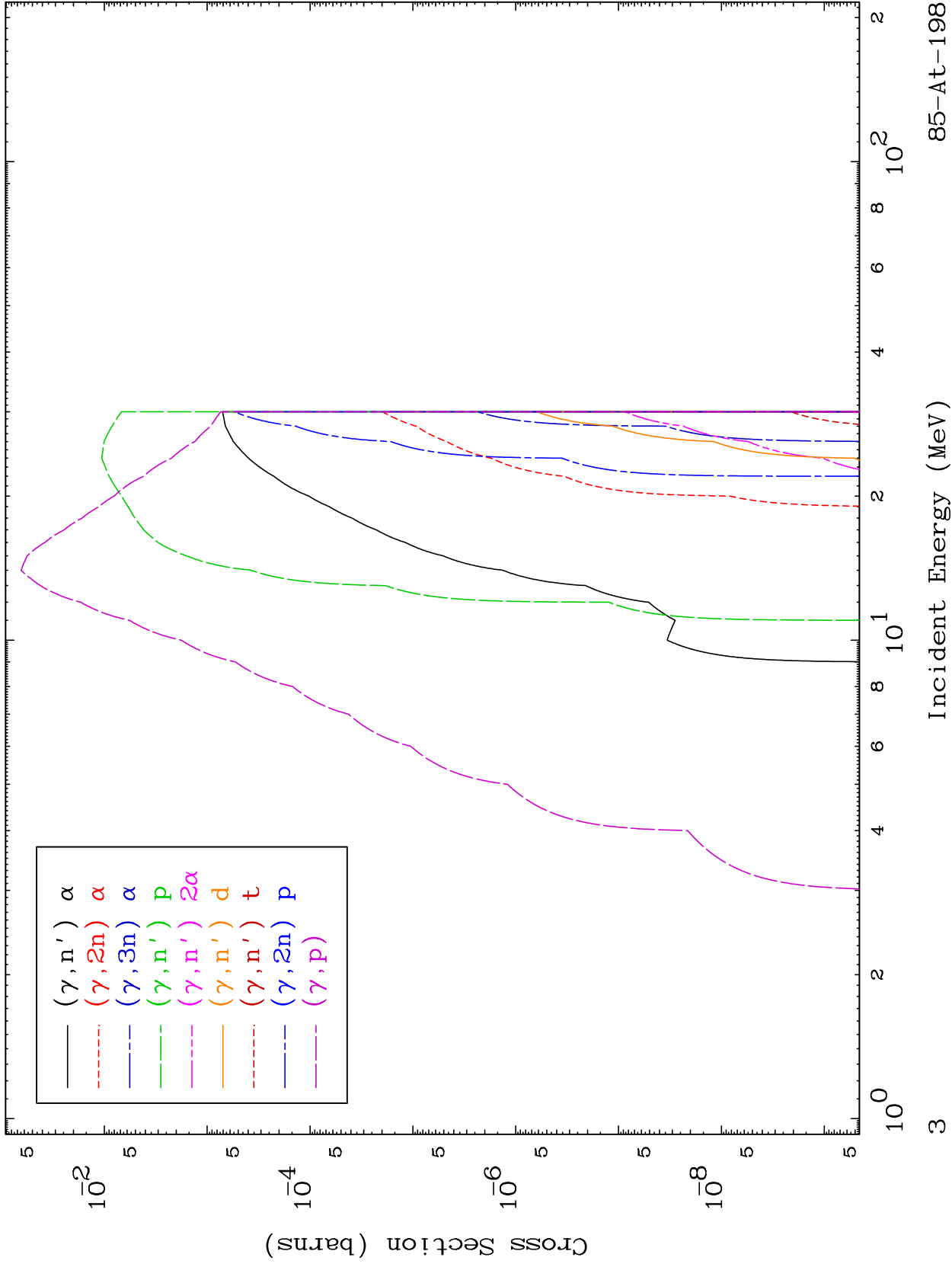
Photon Neutron Production
0 Kelvin Cross Sections

85-At-198



Incident Energy (MeV)

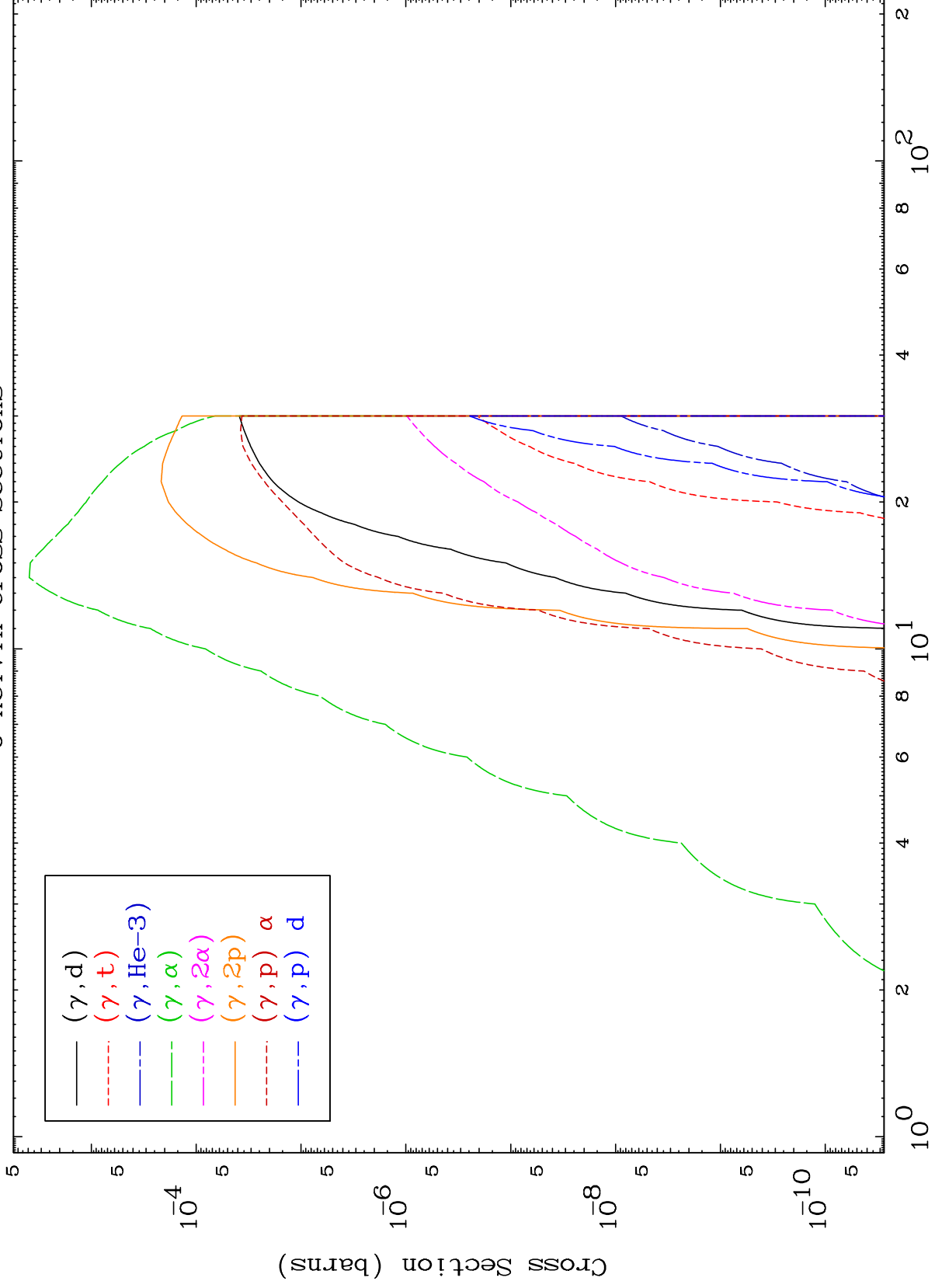
85-At-198



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Photon Charged Particle
0 Kelvin Cross Sections

85-At-198



Incident Energy (MeV)

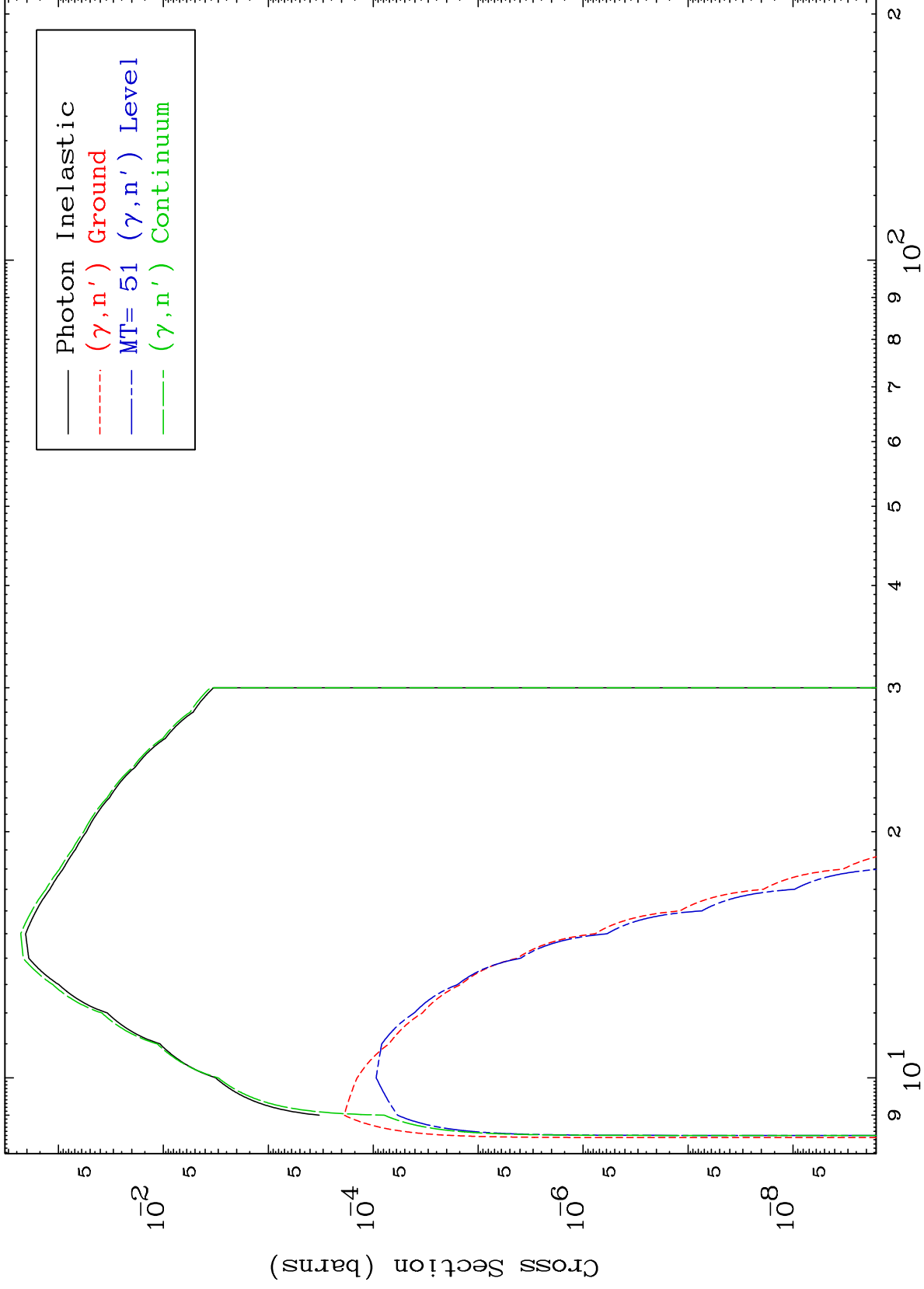
85-At-198

MAT 8510

(γ, n') Level

85-At-198

0 Kelvin Cross Sections



Incident Energy (MeV)

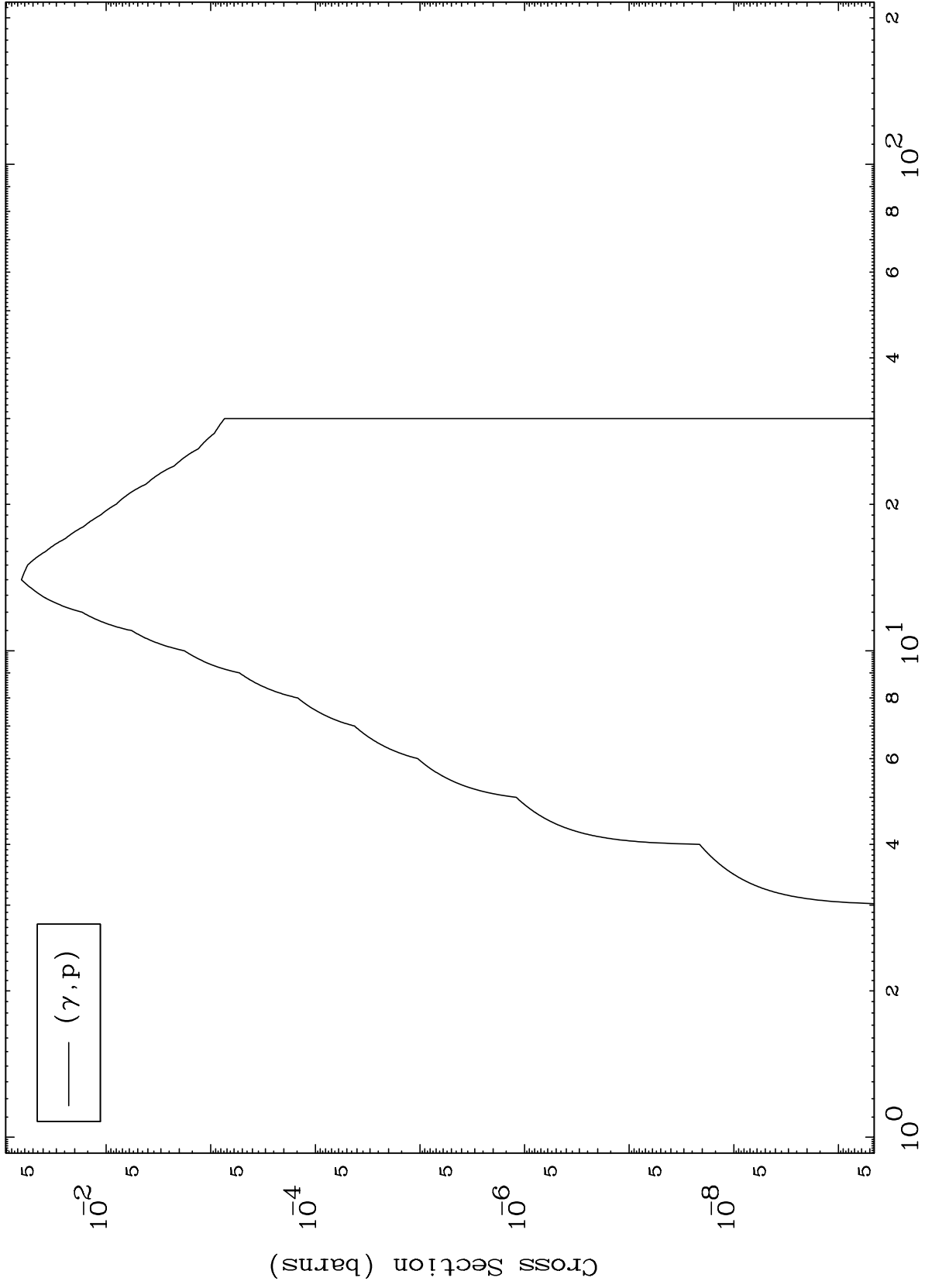
85-At-198

5

MAT 8510

(γ, p) Levels
0 Kelvin Cross Sections

85-At-198



Incident Energy (MeV)

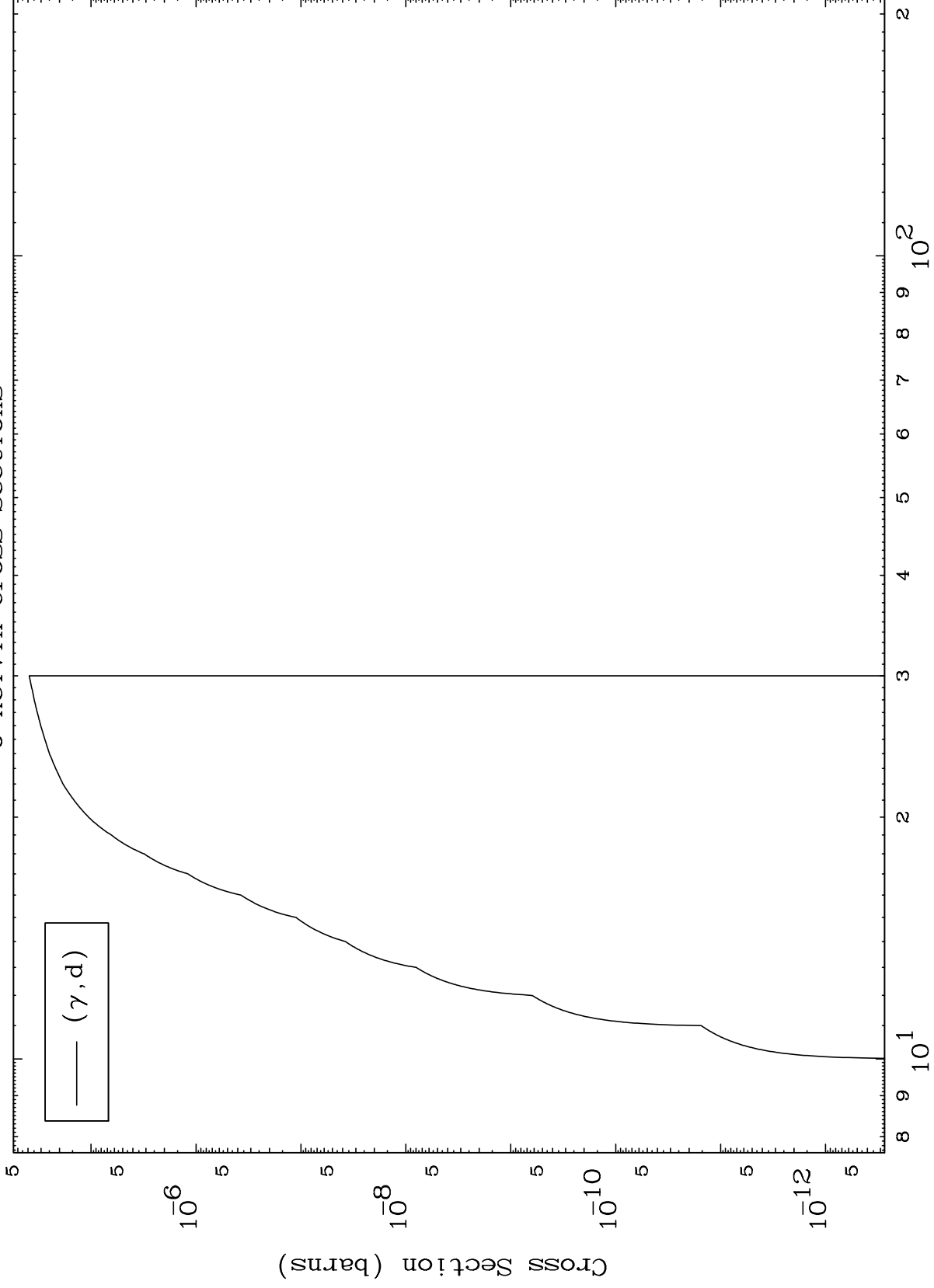
85-At-198

6

MAT 8510

(γ, d) Levels
0 Kelvin Cross Sections

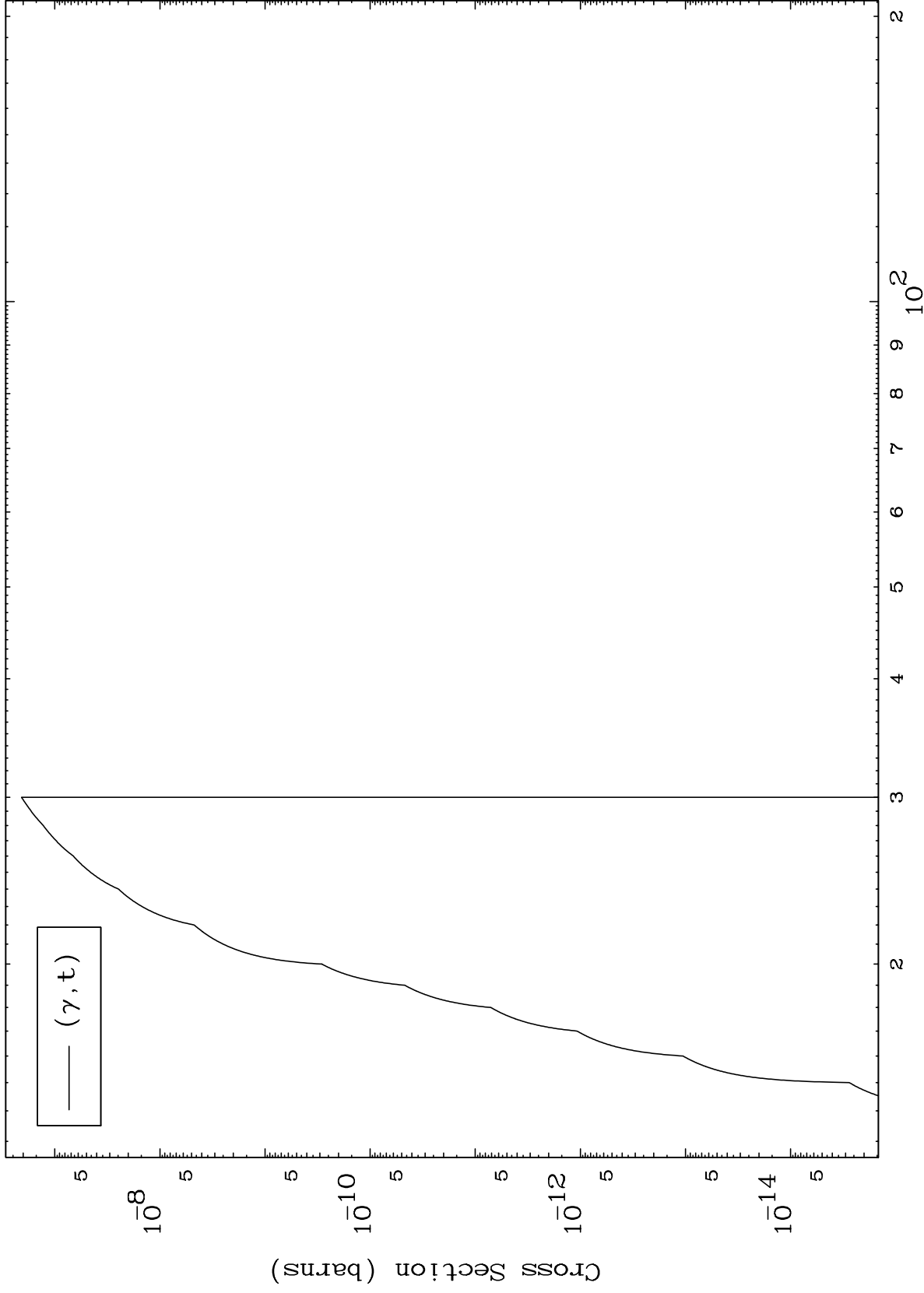
85-At-198



Incident Energy (MeV)

85-At-198

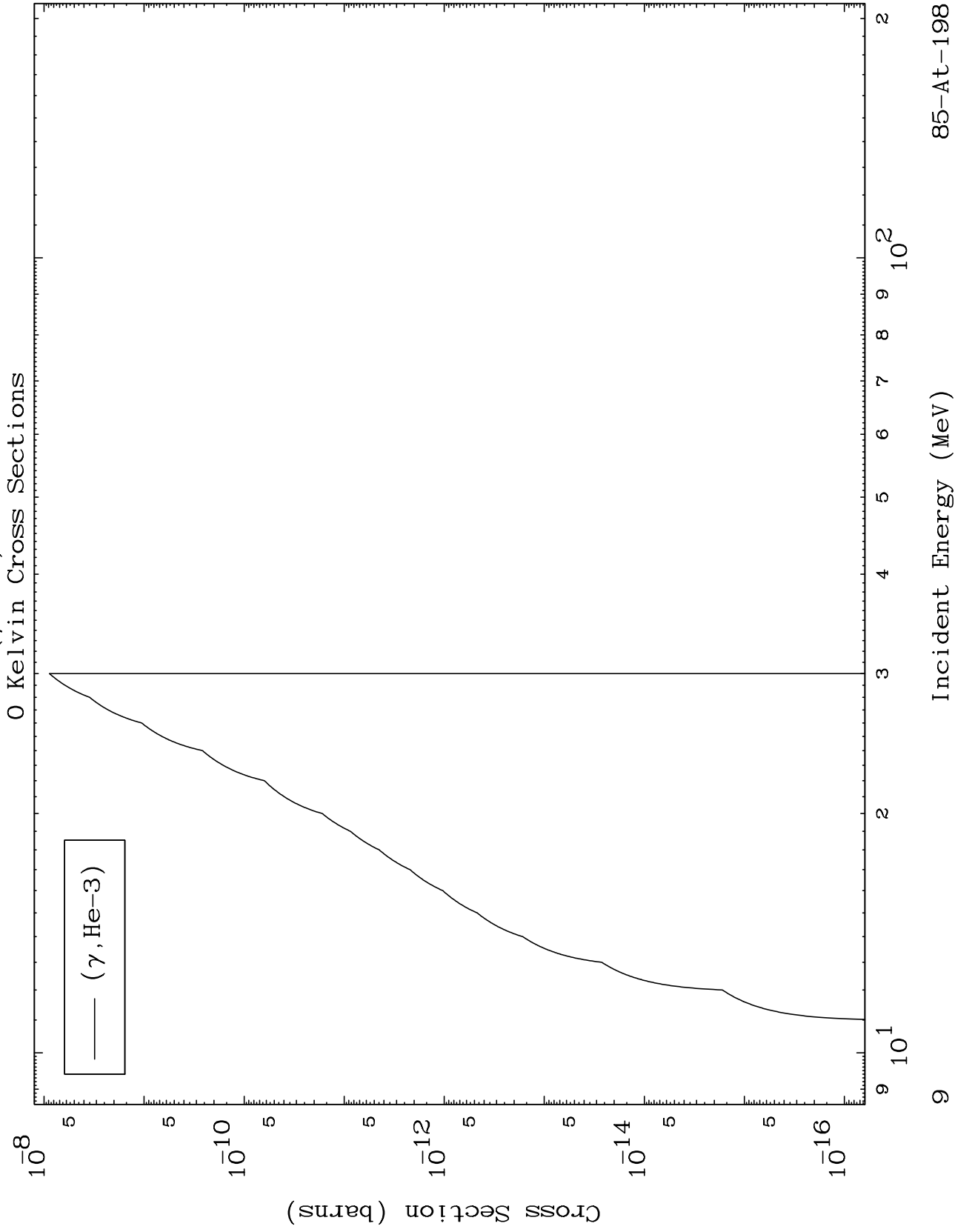
7



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(γ , He3) Levels

85-At-198

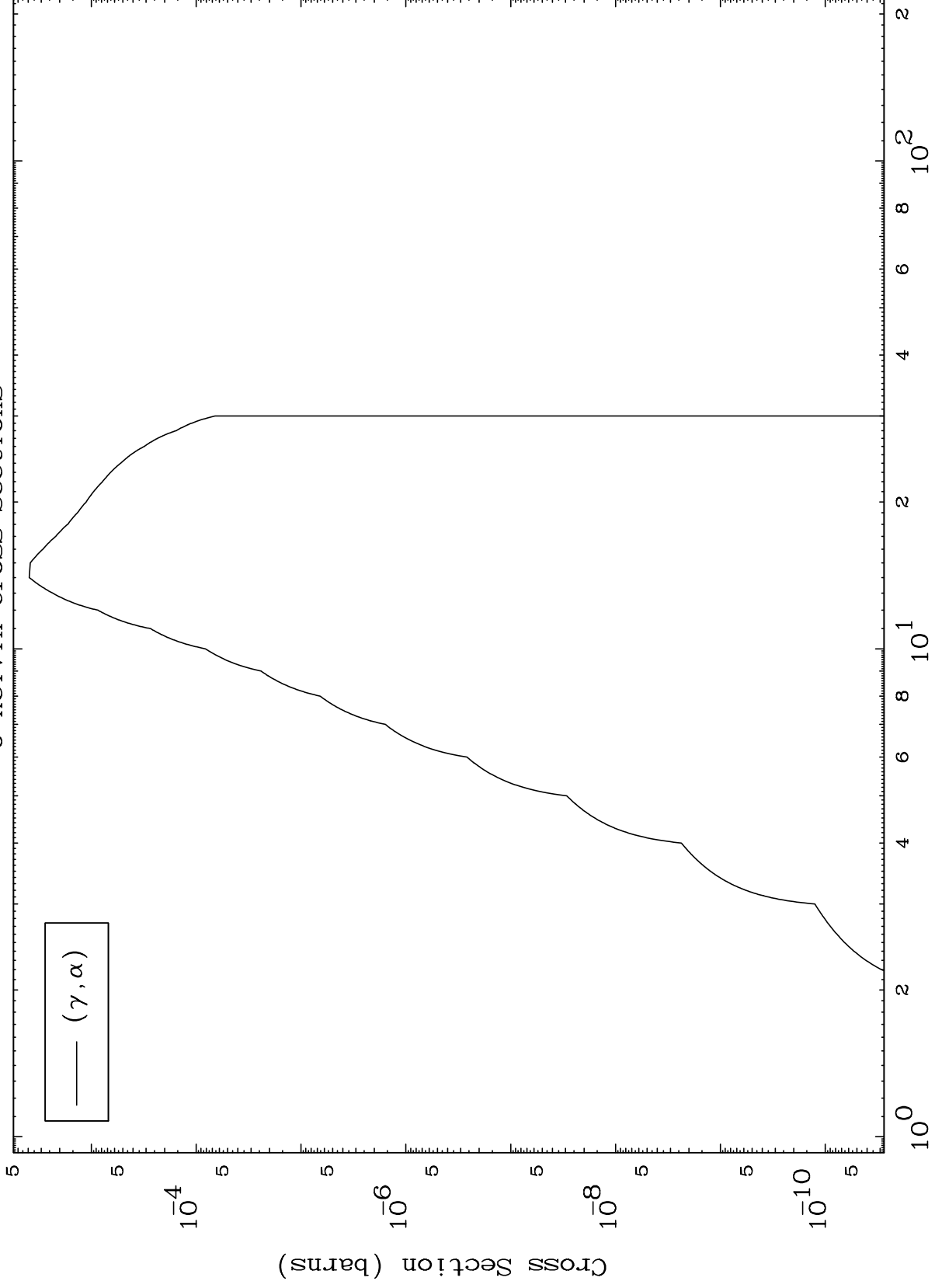


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(γ, α) Levels

85-At-198

0 Kelvin Cross Sections



Incident Energy (MeV)

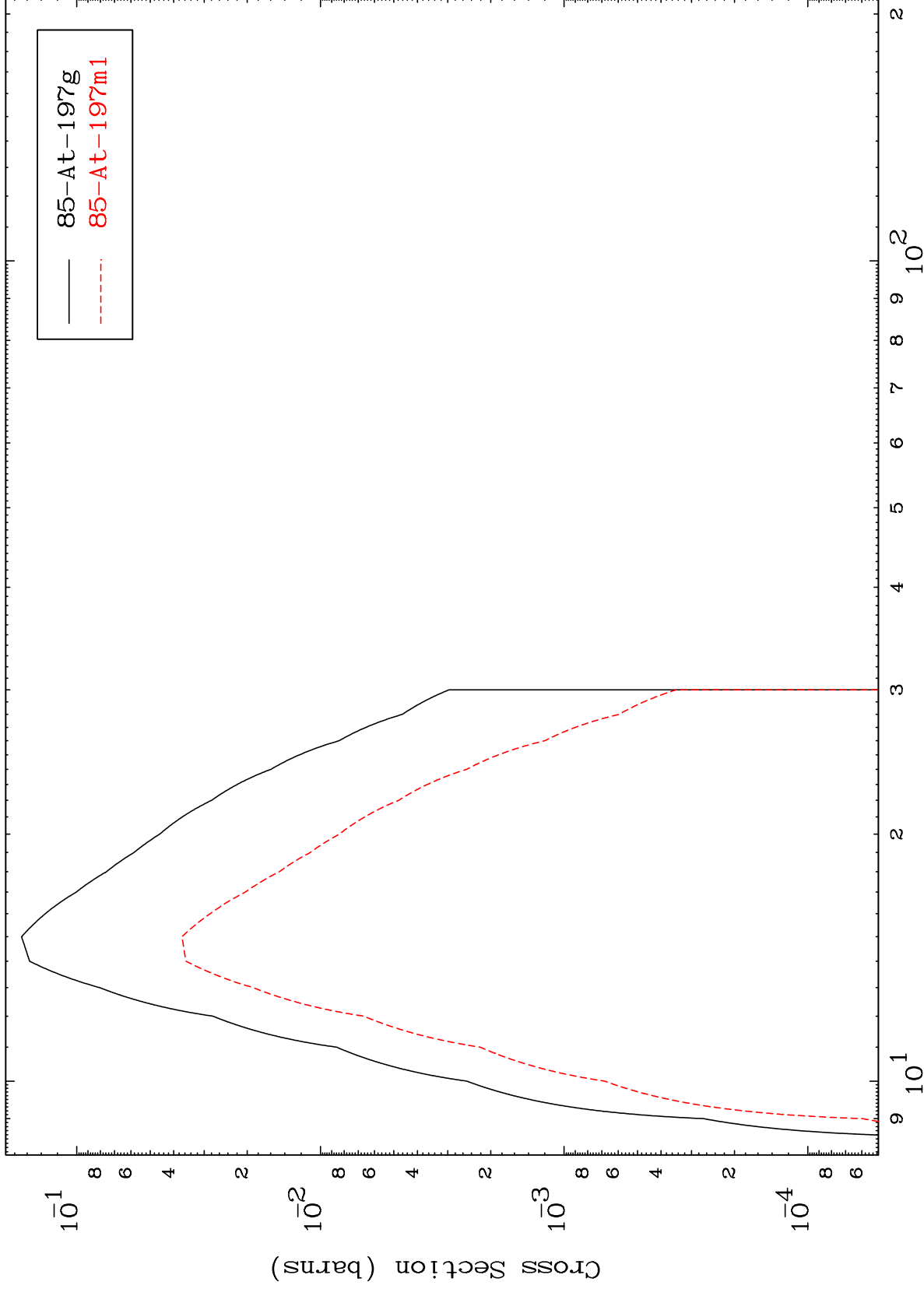
85-At-198

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Photon Inelastic

85-At-198

Radionuclide Production Cross Section



11

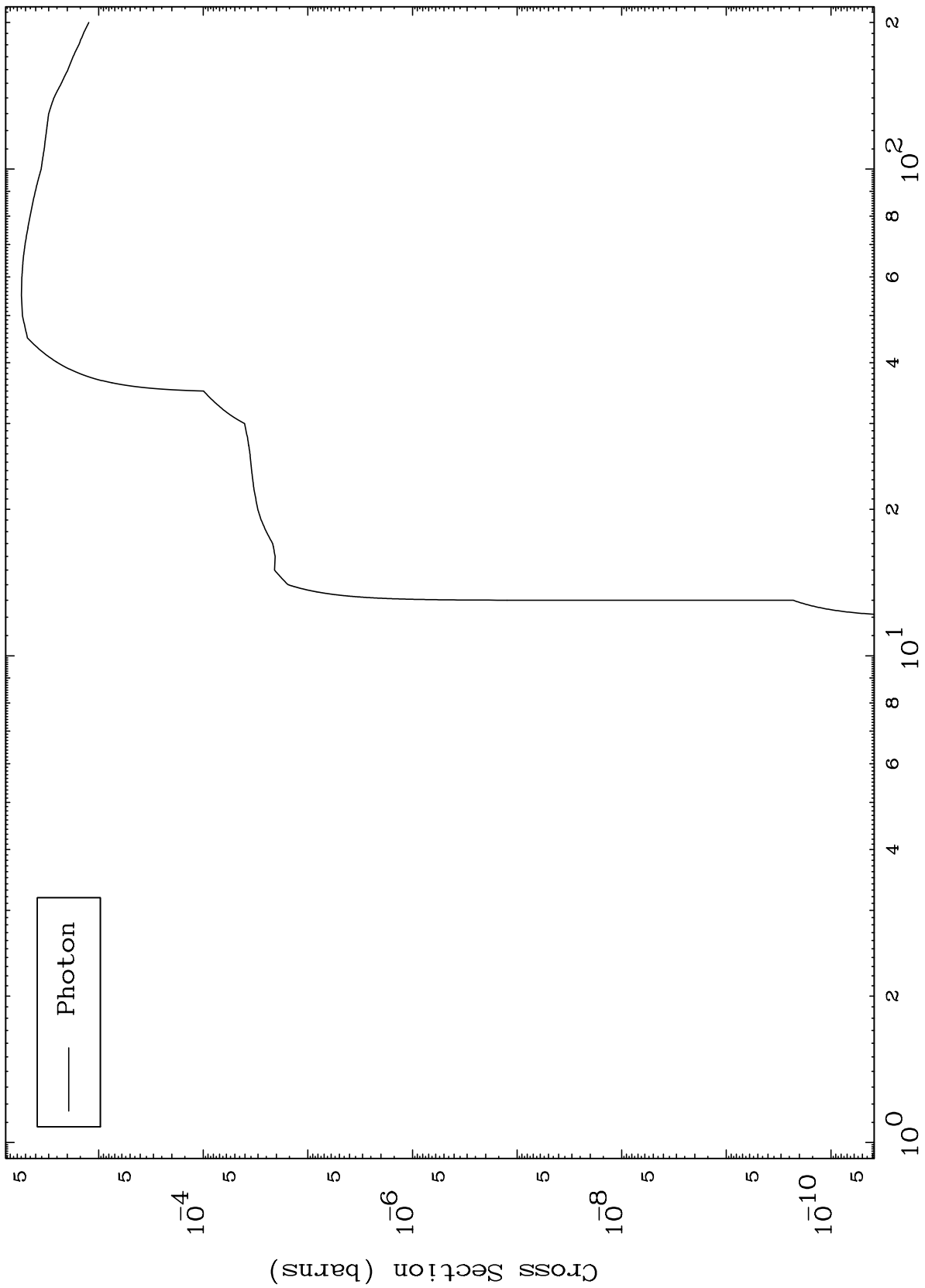
Incident Energy (MeV)

85-At-198

MAT 8510

85-At-198

Photon Fission
Radionuclide Production Cross Section



Photon

Incident Energy (MeV)

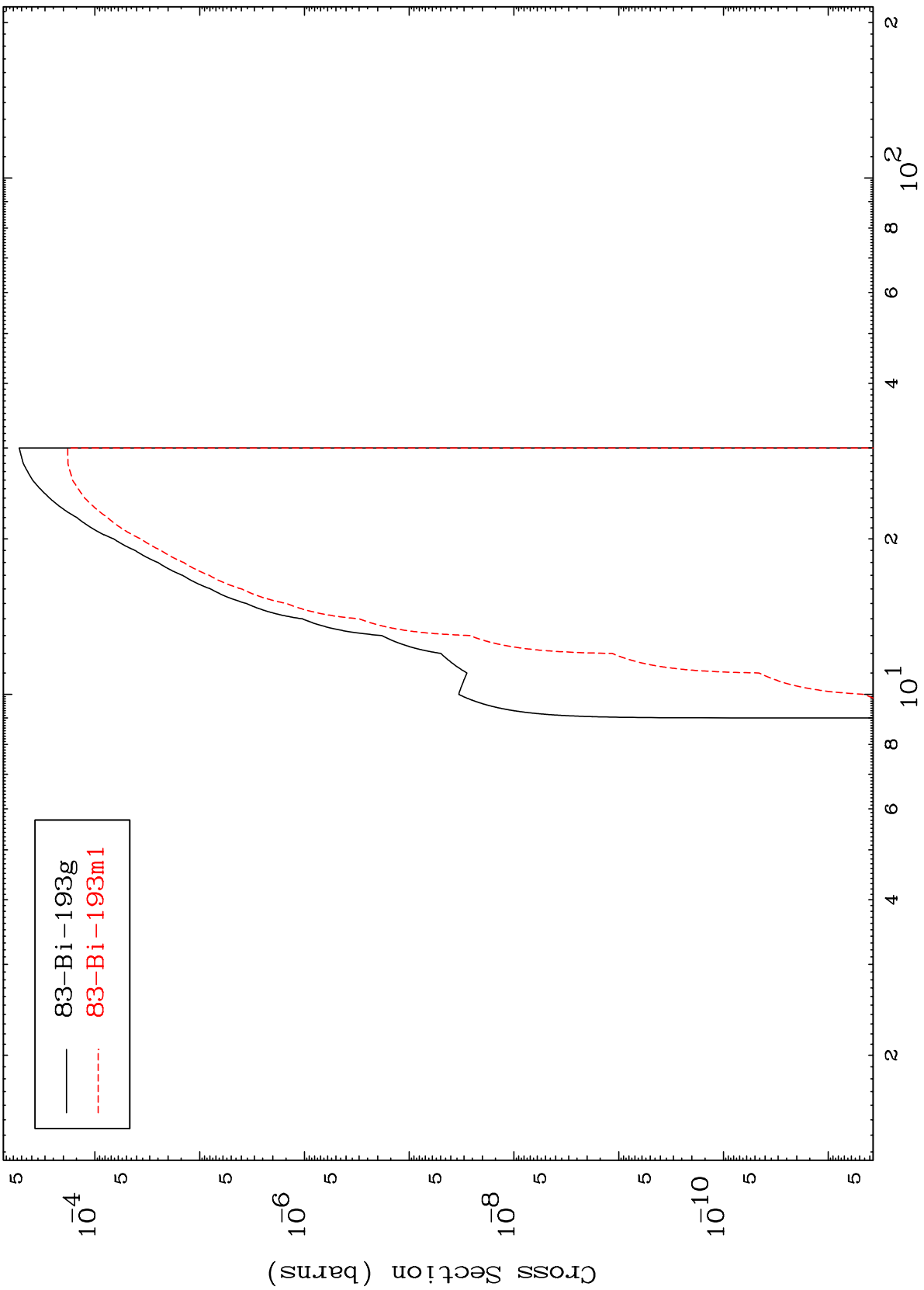
85-At-198

MAT 8510

(γ, n') α

85-At-198

Radionuclide Production Cross Section

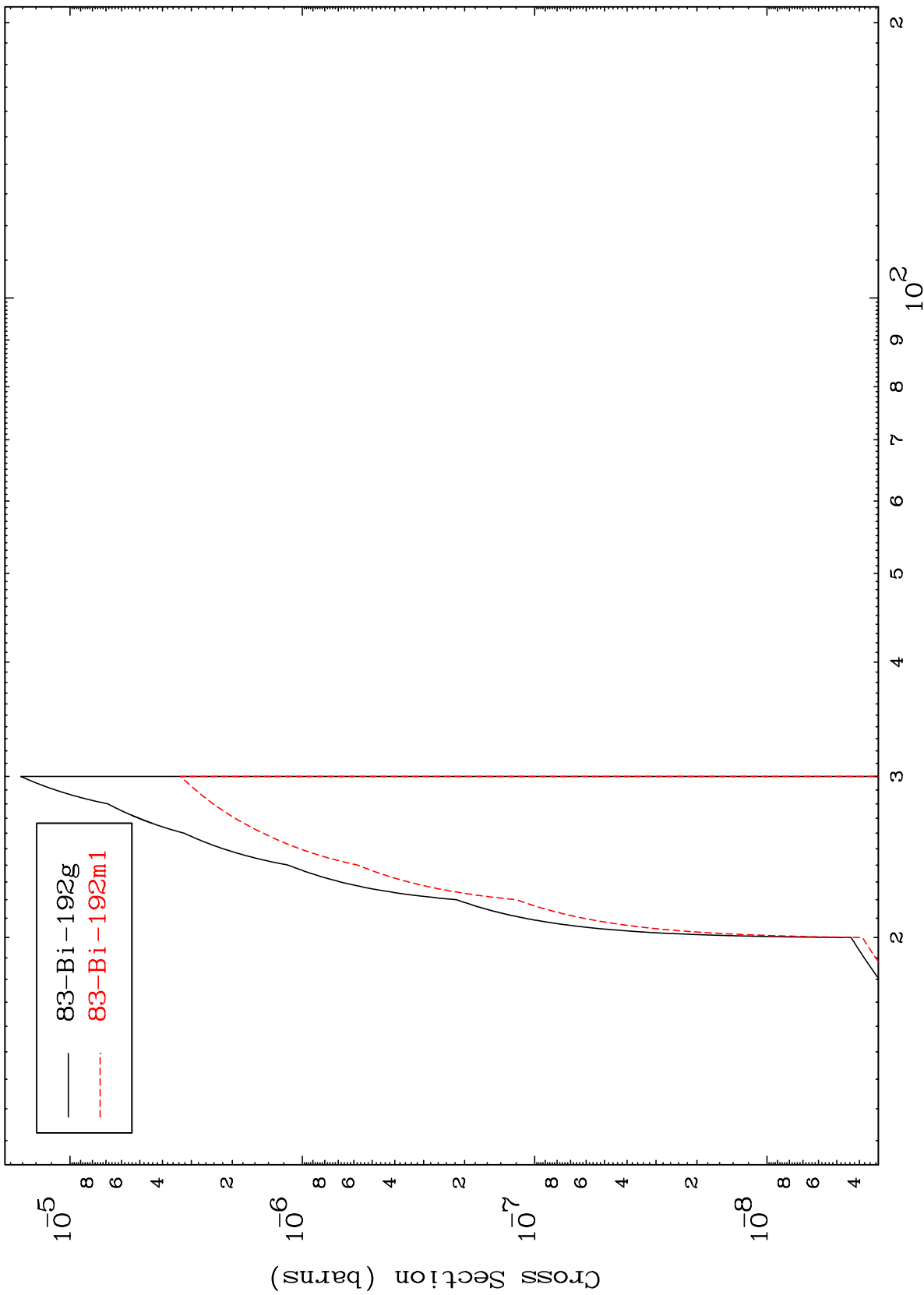


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($\gamma, 2n$) α

85-At-198

Radionuclide Production Cross Section

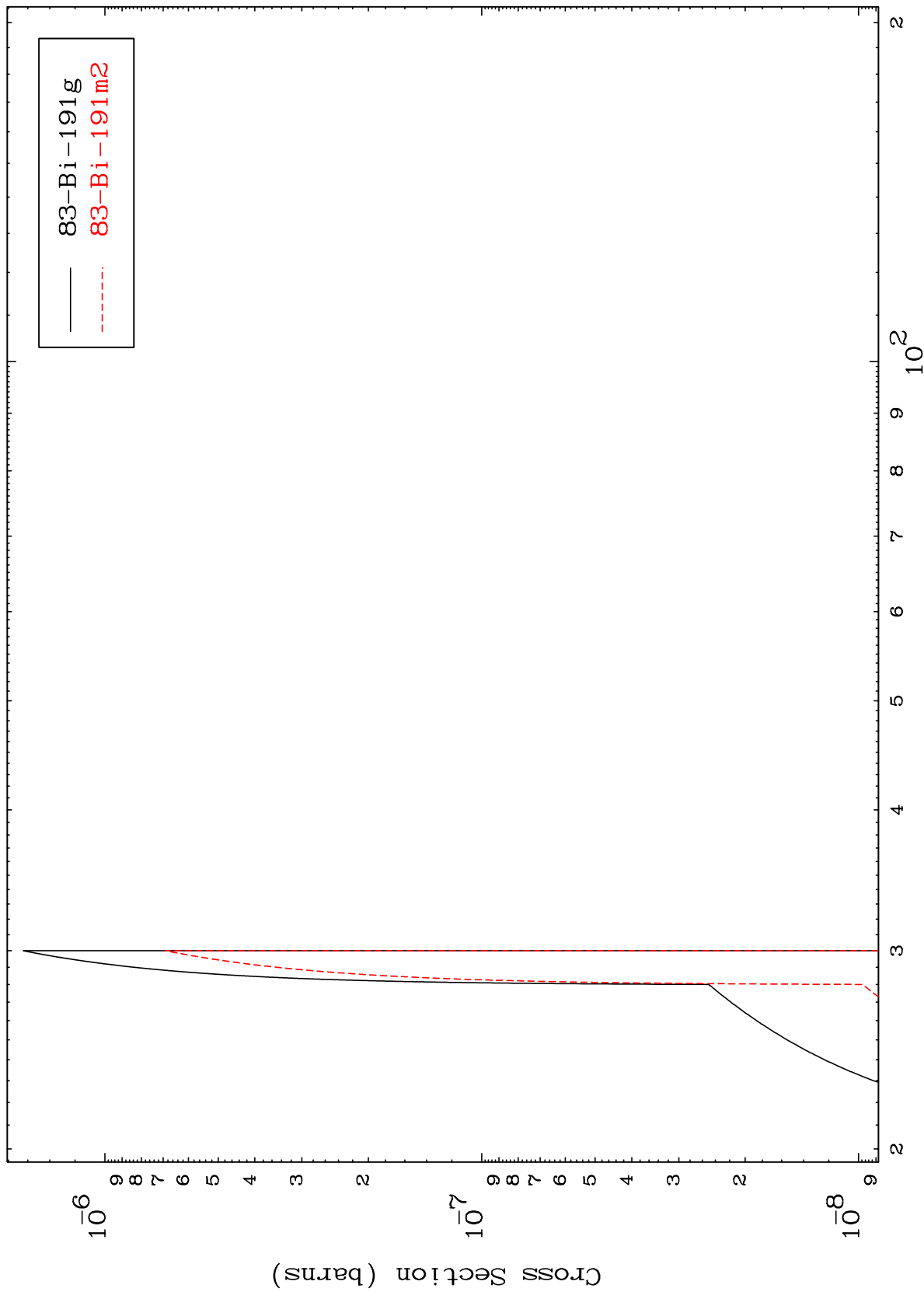


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$(\gamma, 3n) \alpha$

85-At-198

Radionuclide Production Cross Section



15

Incident Energy (MeV)

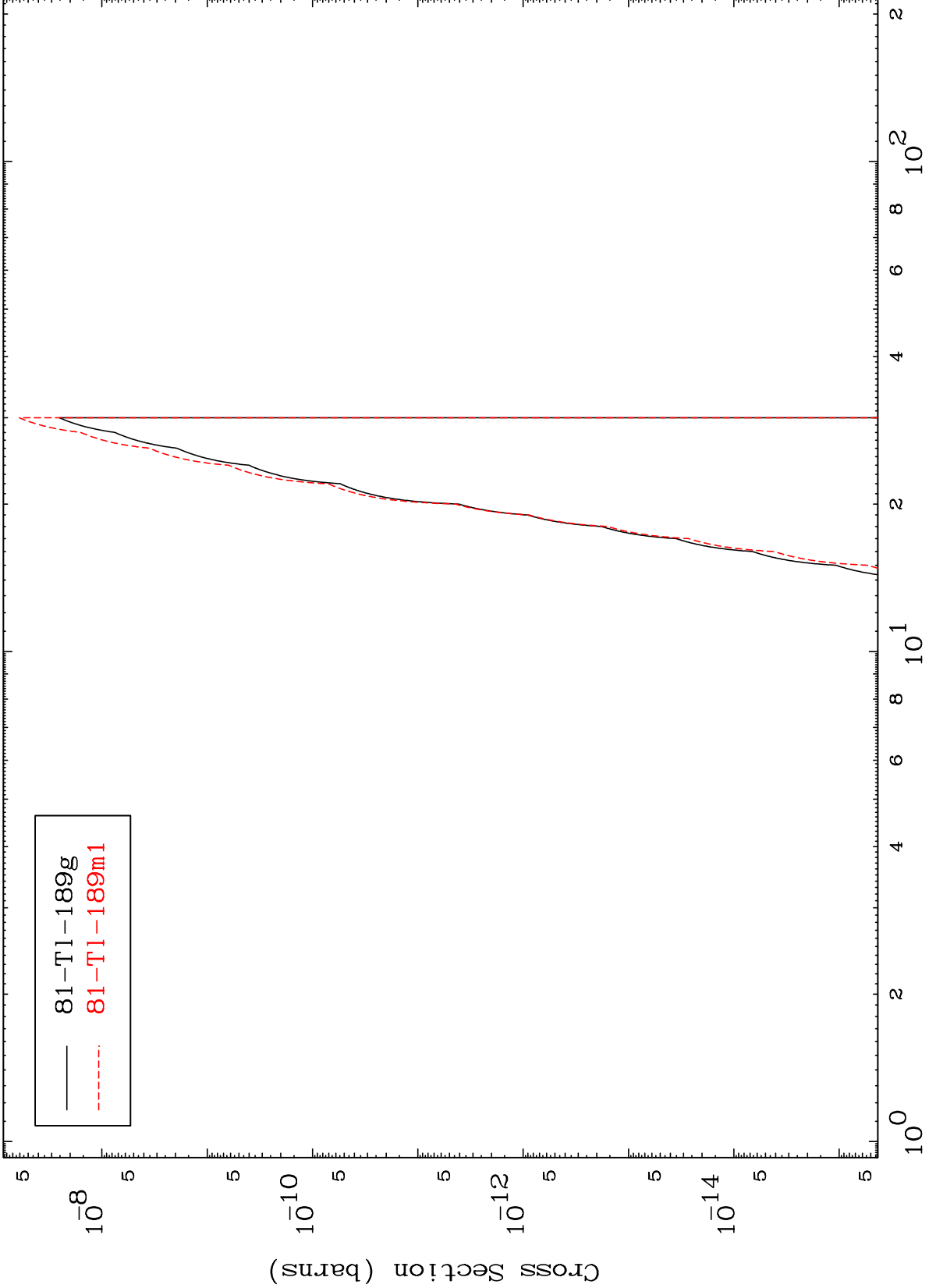
85-At-198

MAT 8510

(γ, n') 2α

85-At-198

Radionuclide Production Cross Section

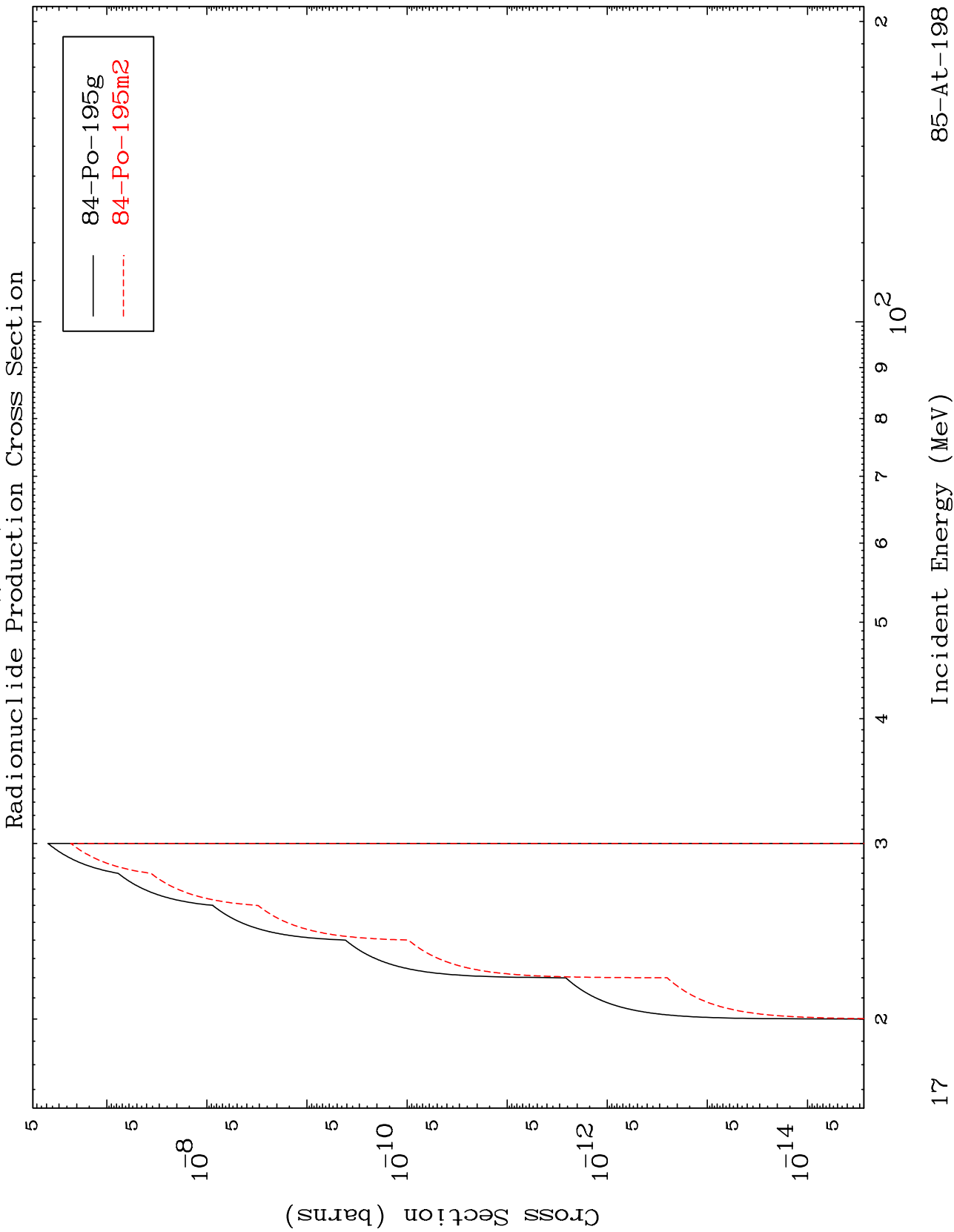


81-Tl-189g
81-Tl-189m1

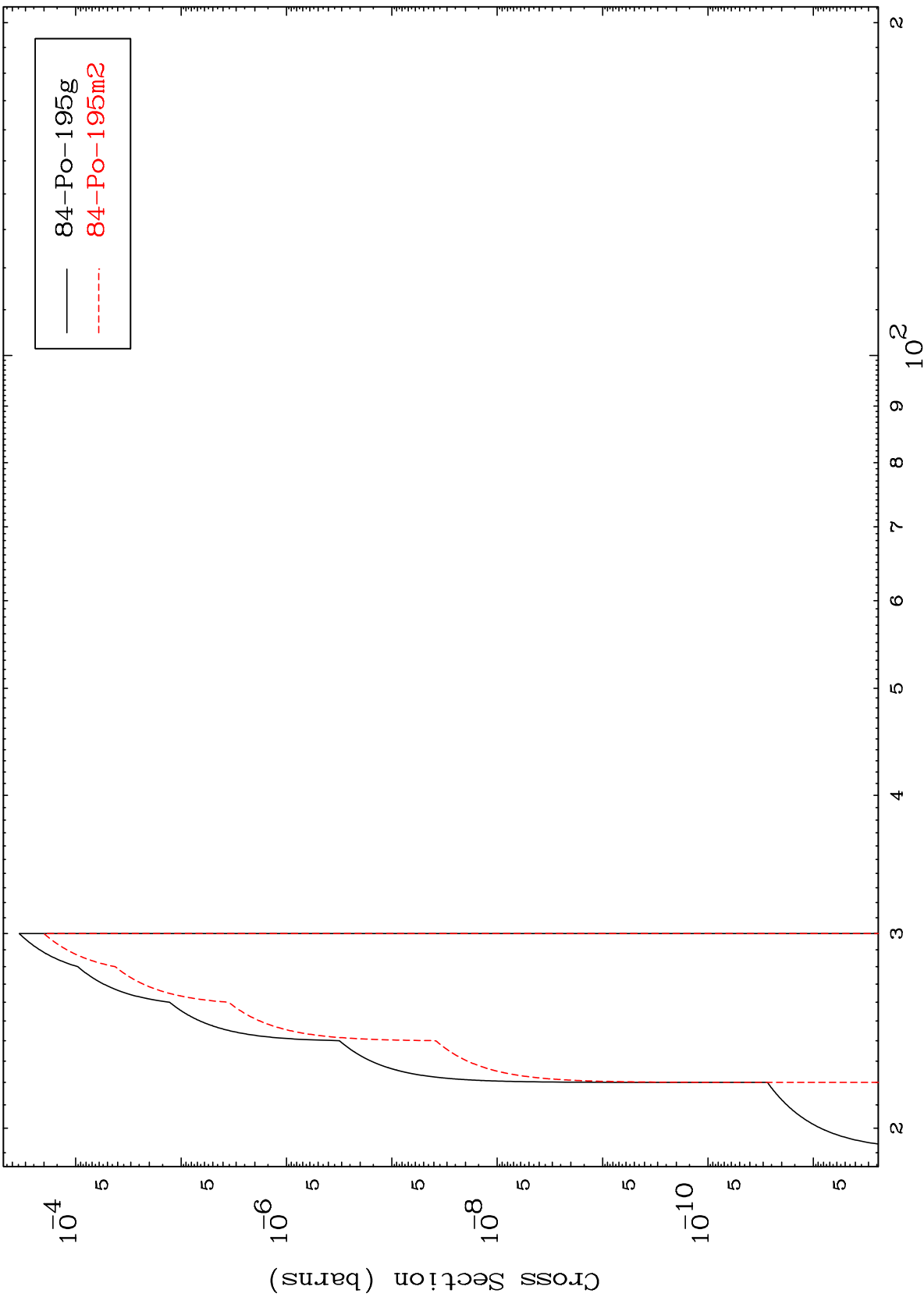
16

Incident Energy (MeV)

85-At-198



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

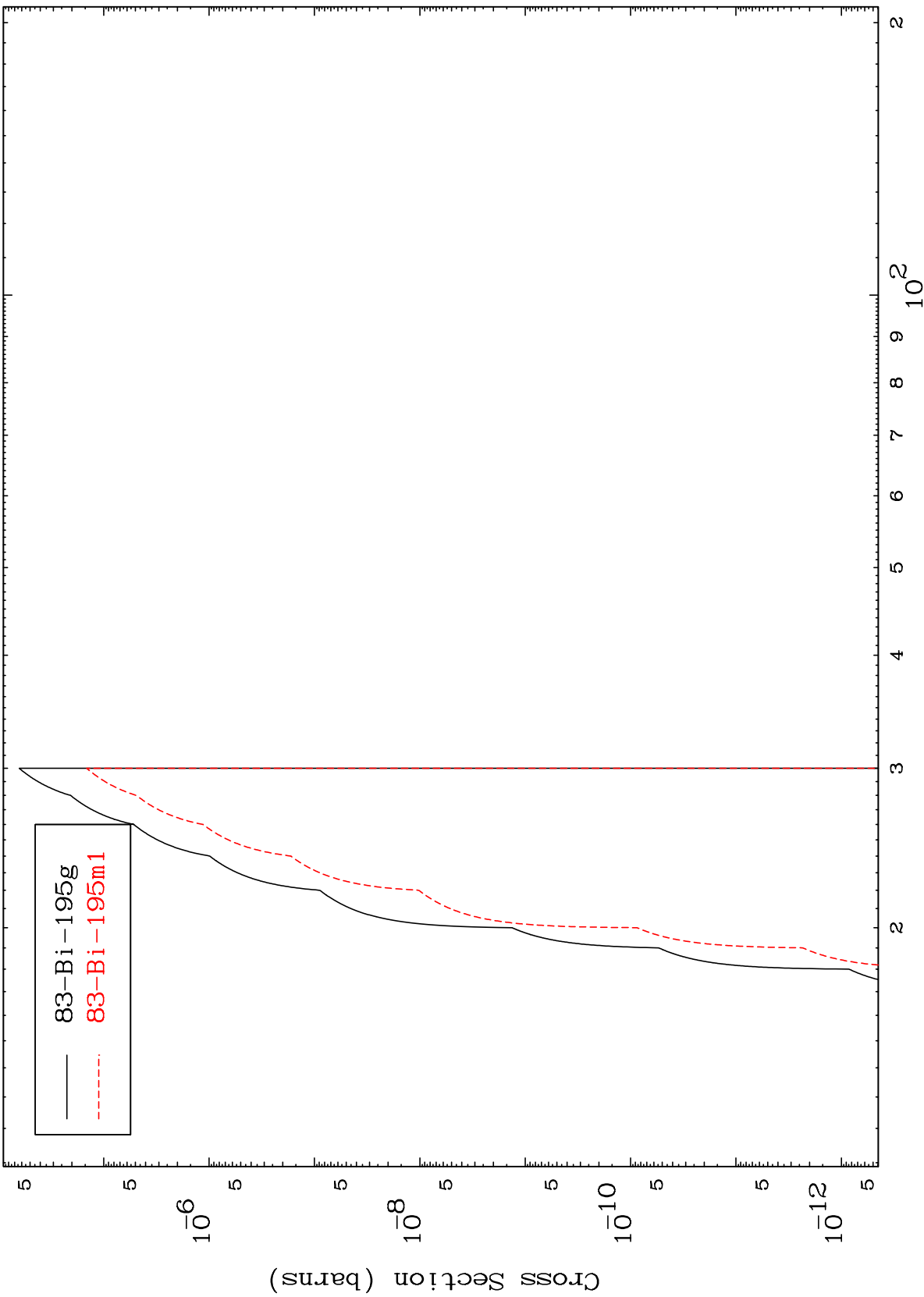


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($\gamma, 2n$) p

85-At-198

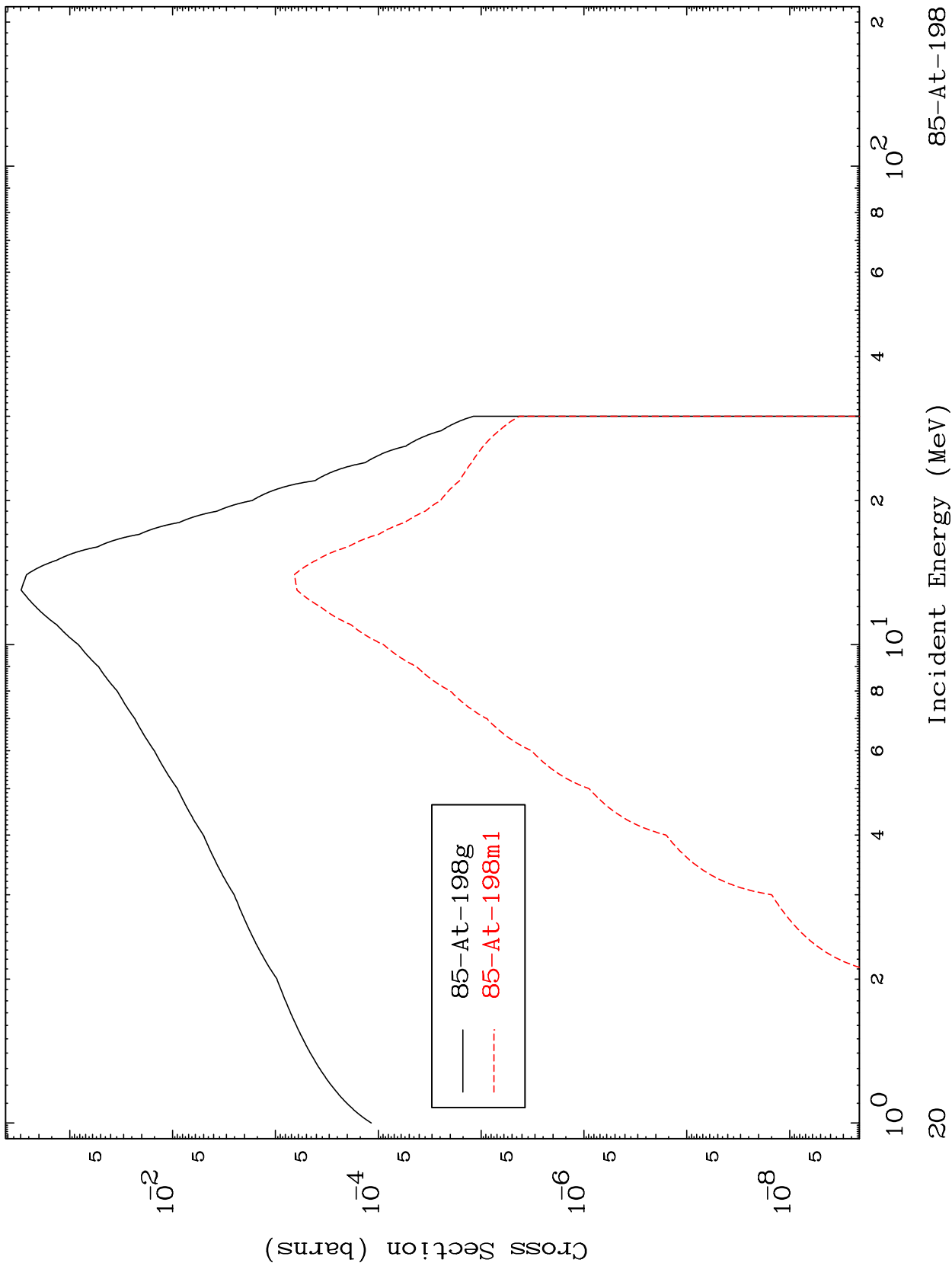
Radionuclide Production Cross Section



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85-At-198

Radionuclide Production Cross Section
(γ, γ)



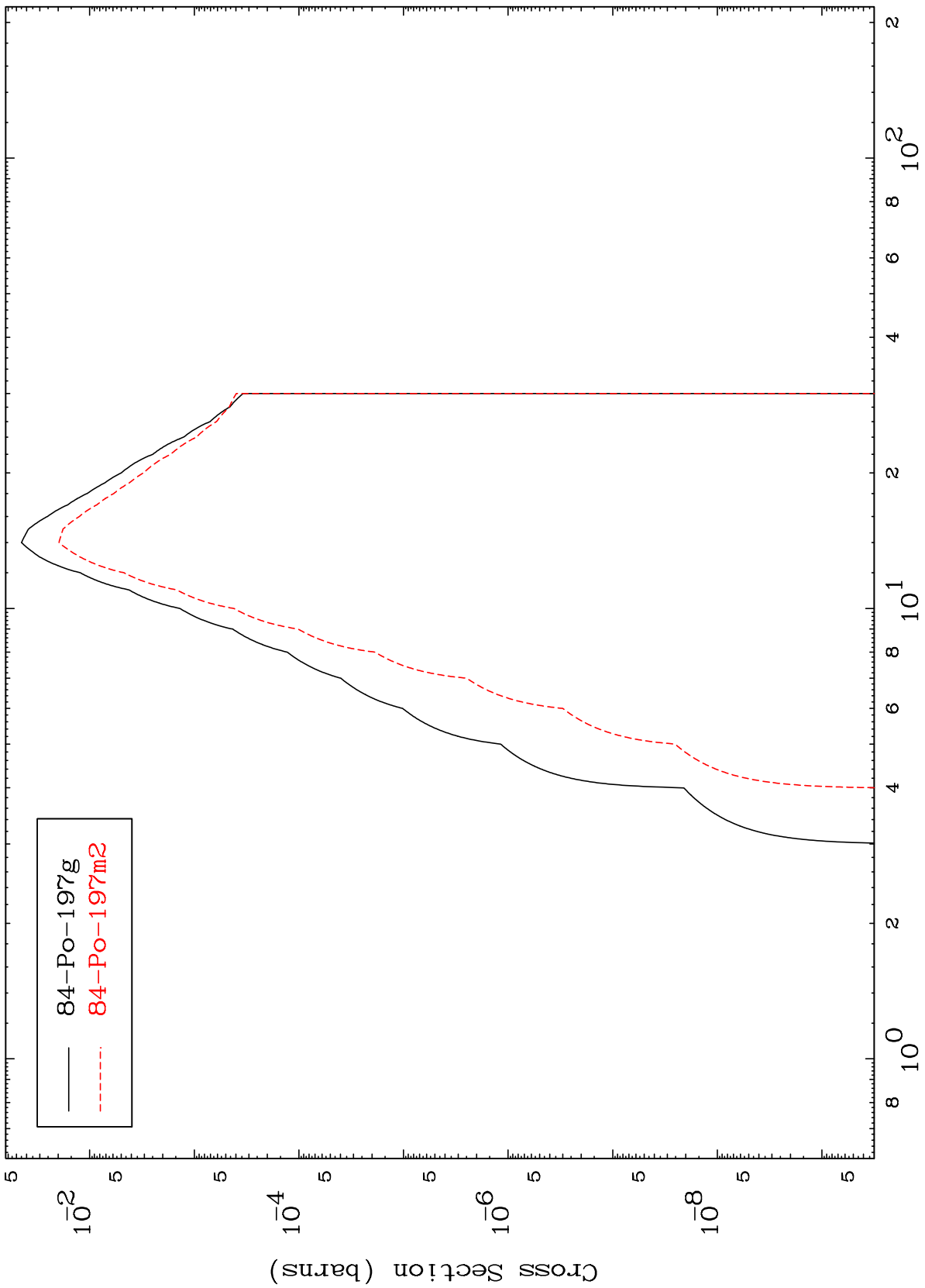
Incident Energy (MeV)

85-At-198

MAT 8510

85-At-198

Radionuclide Production Cross Section
(γ, p)

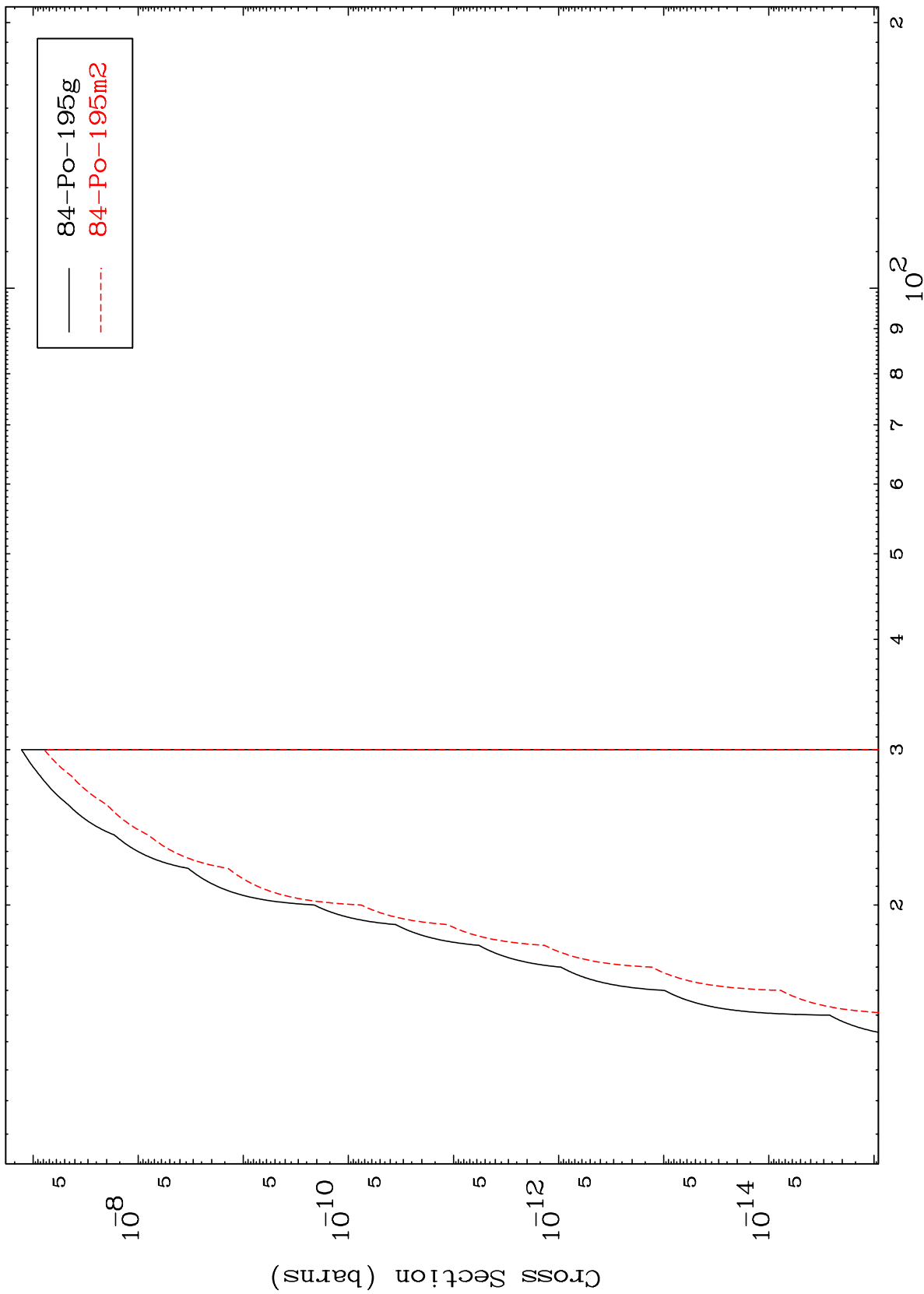


21

Incident Energy (MeV)

85-At-198

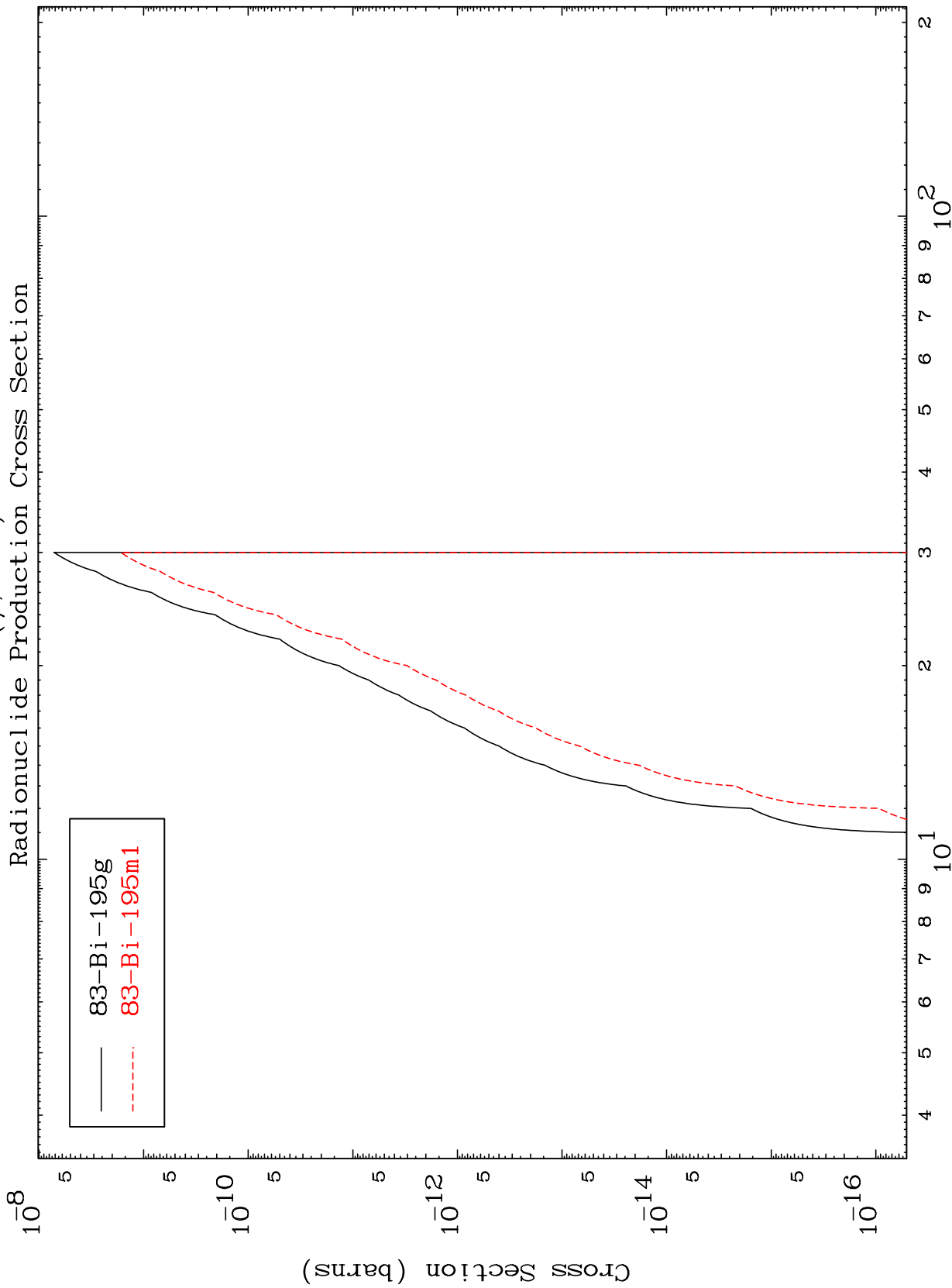
(γ, t)
Radionuclide Production Cross Section



MAT 8510

85-At-198

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



Incident Energy (MeV)

85-At-198

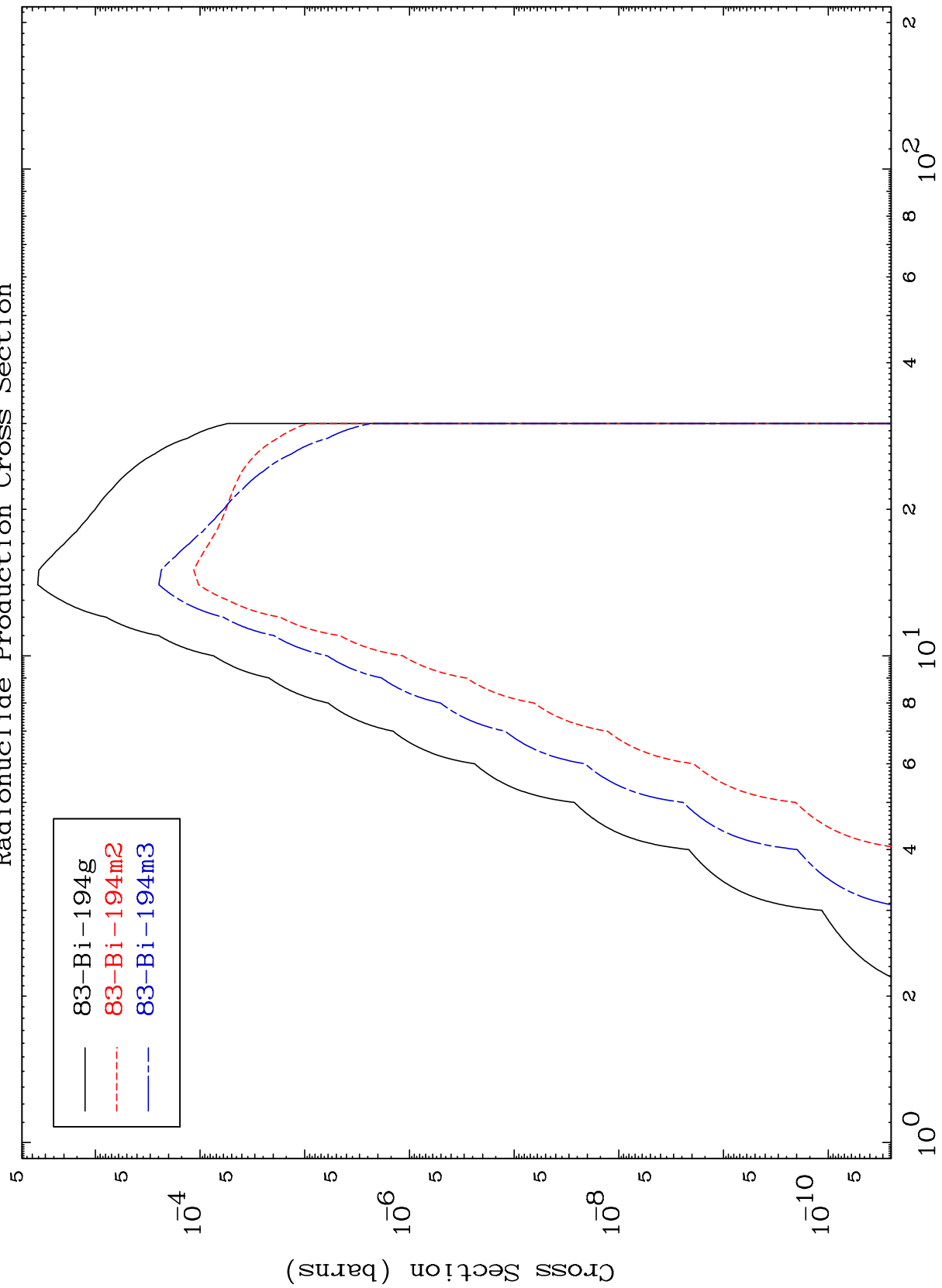
23

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85-At-198

Radionuclide Production Cross Section

(γ, α)



Incident Energy (MeV)

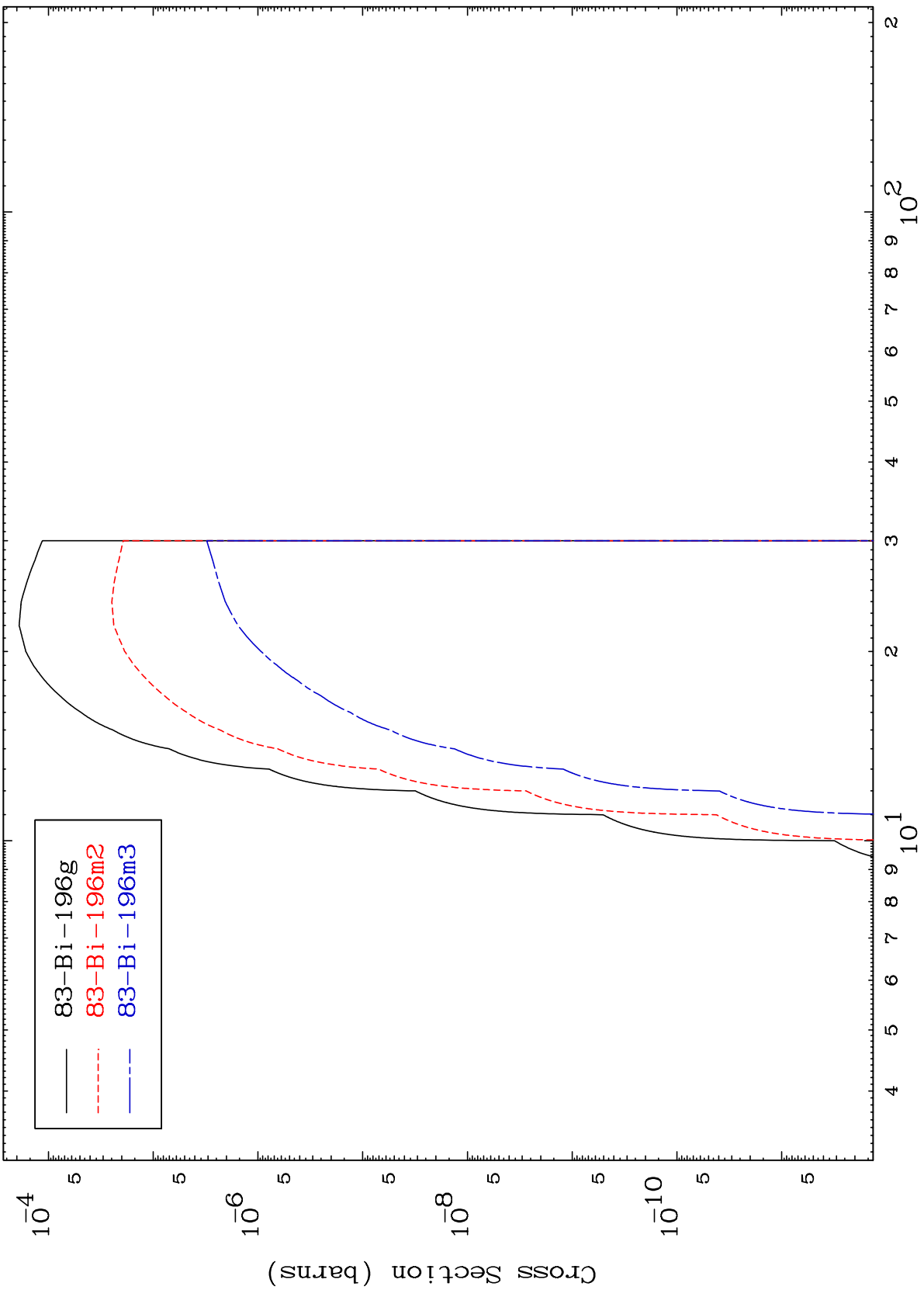
85-At-198

24

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85-At-198

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



83-Bi-196g
83-Bi-196m2
83-Bi-196m3

25

Incident Energy (MeV)

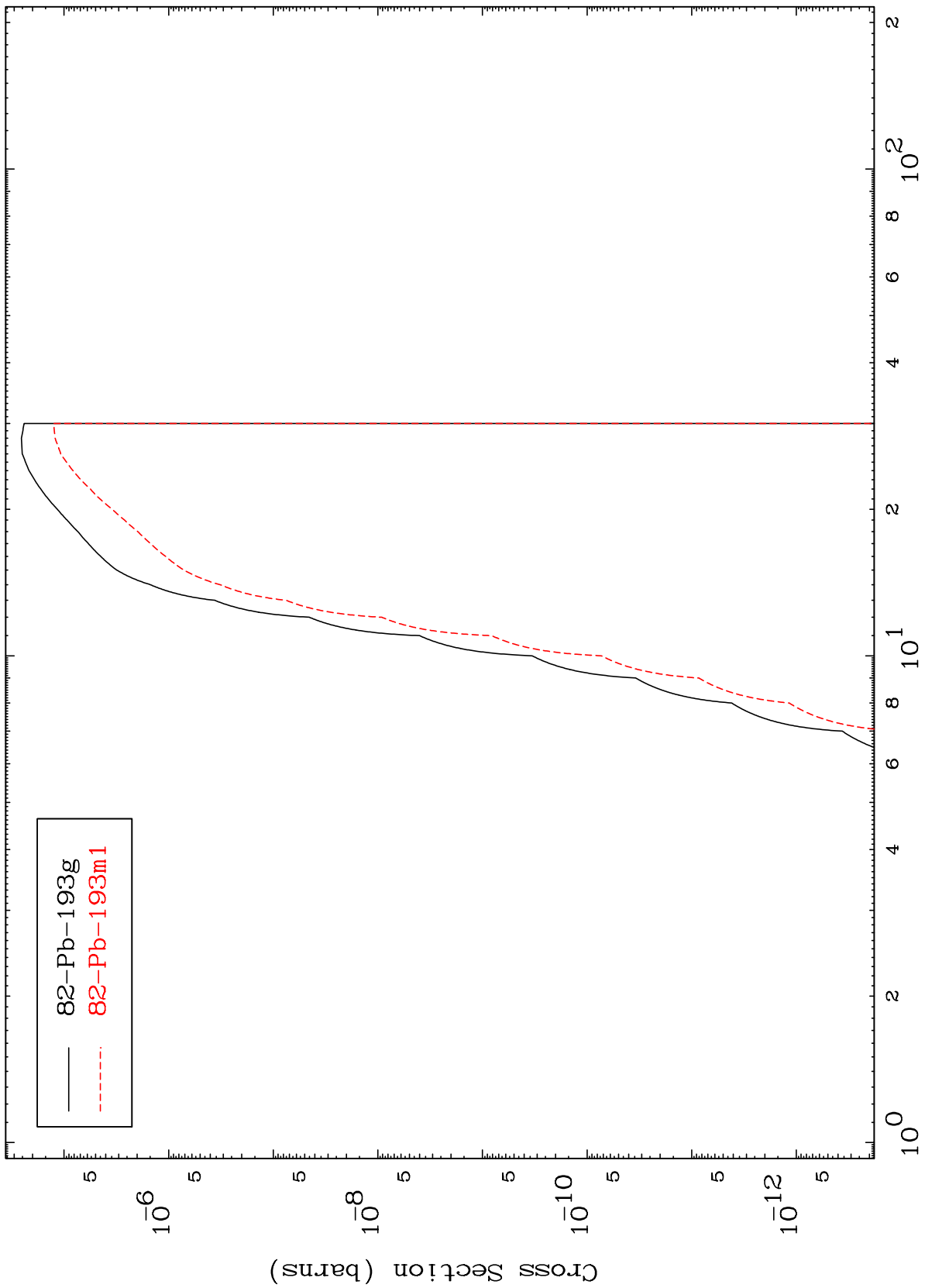
85-At-198

MAT 8510

(γ, p) α

85-At-198

Radionuclide Production Cross Section



26

Incident Energy (MeV)

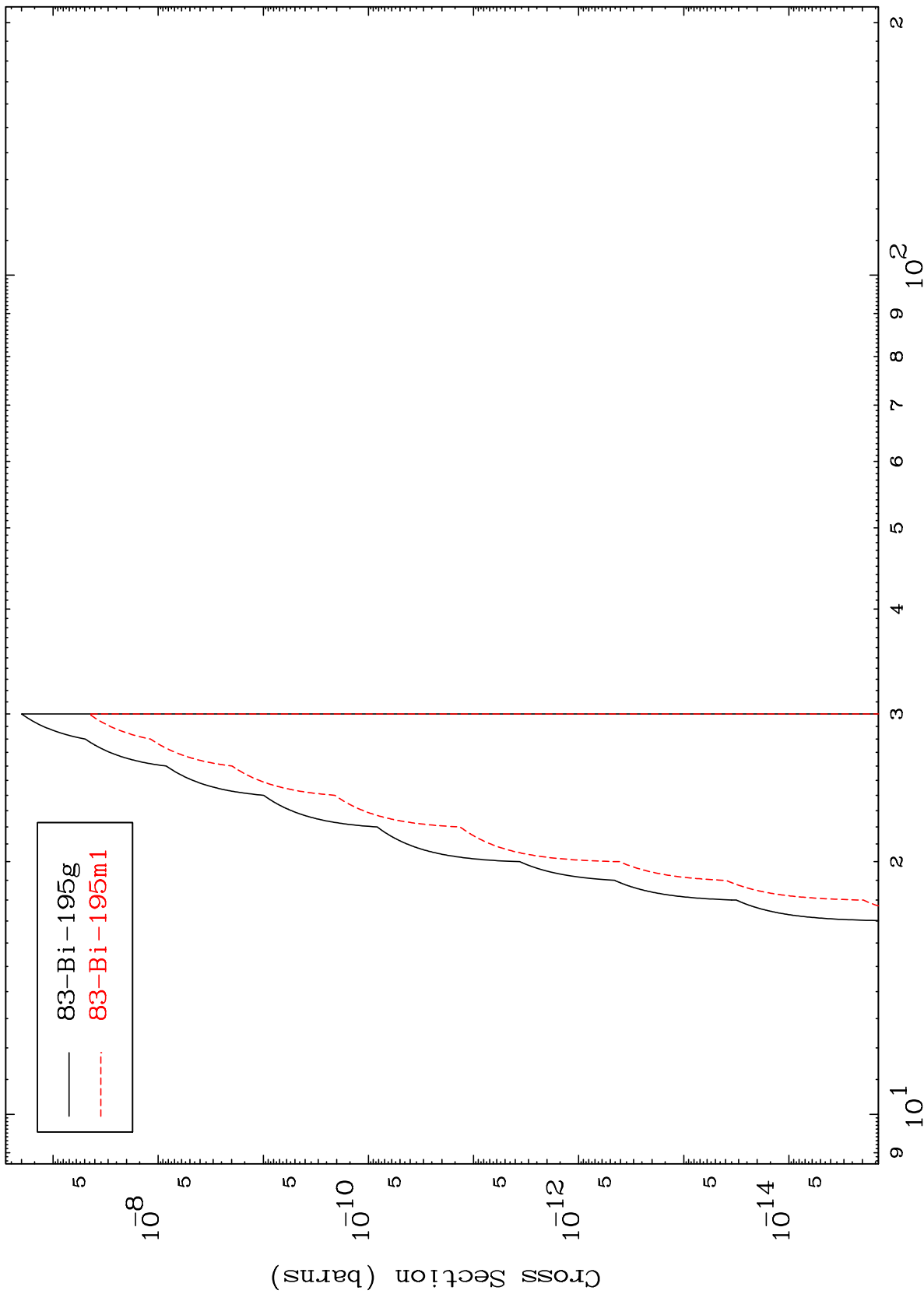
85-At-198

MAT 8510

(γ, p) d

85-At-198

Radionuclide Production Cross Section



27

Incident Energy (MeV)

85-At-198