

Program EVALPLOT
(Version 2018-1)

by

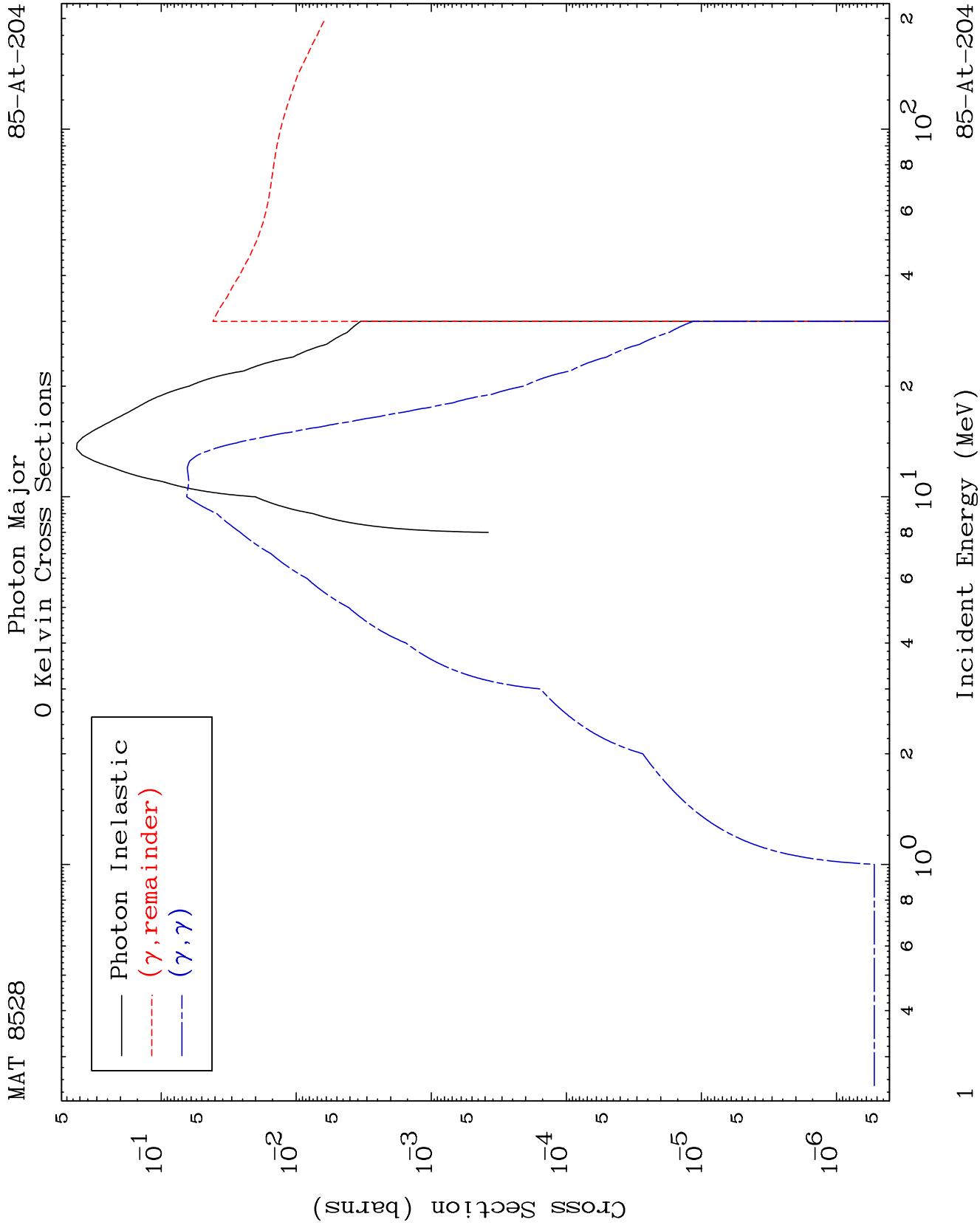
Dermott E. Cullen
(Present Contact Information)

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Web: redcullen1.net/HOMEPAGE.NEW

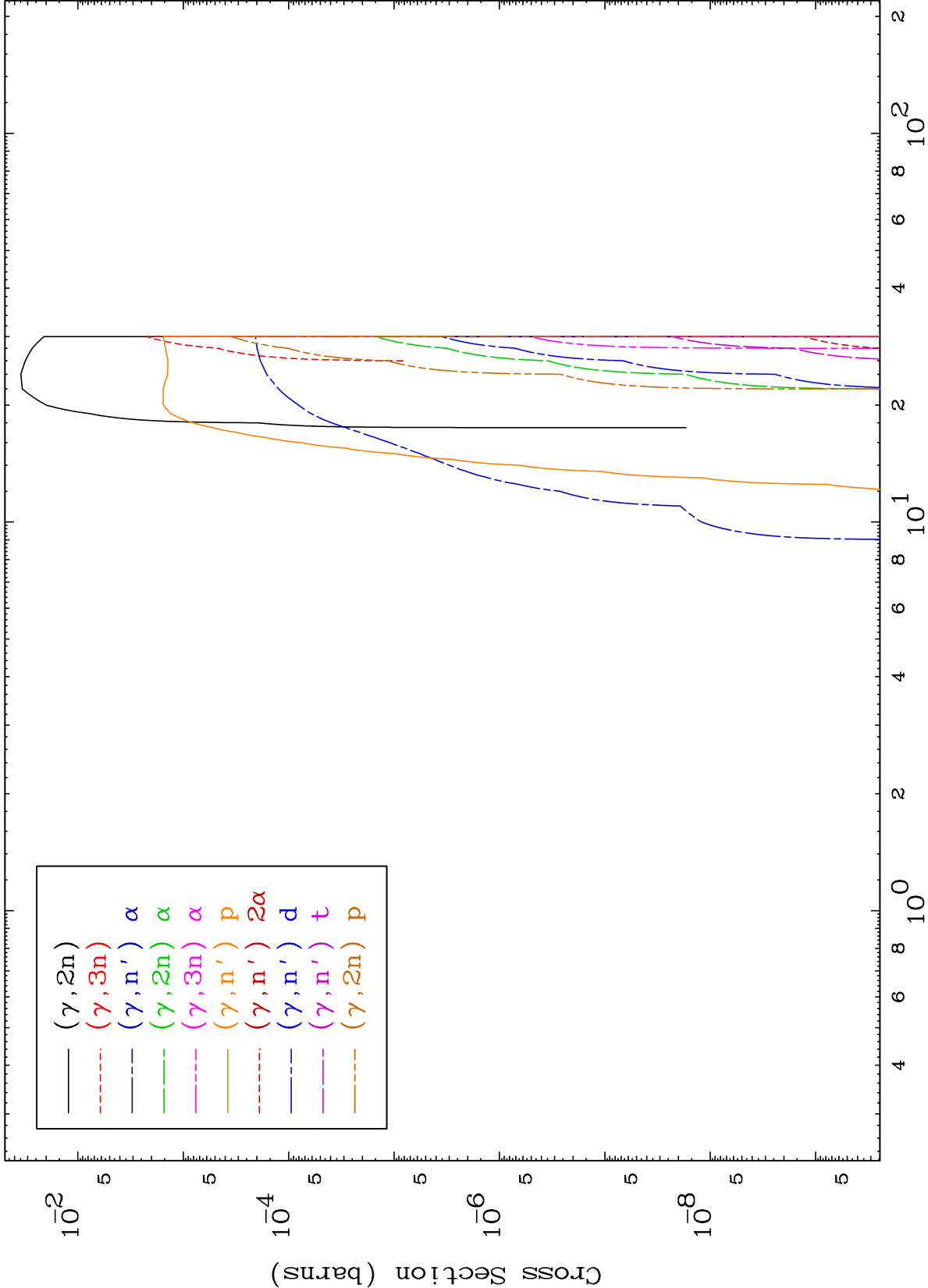
Press Mouse Button to Start



MAT 8528

Photon Neutron Production
0 Kelvin Cross Sections

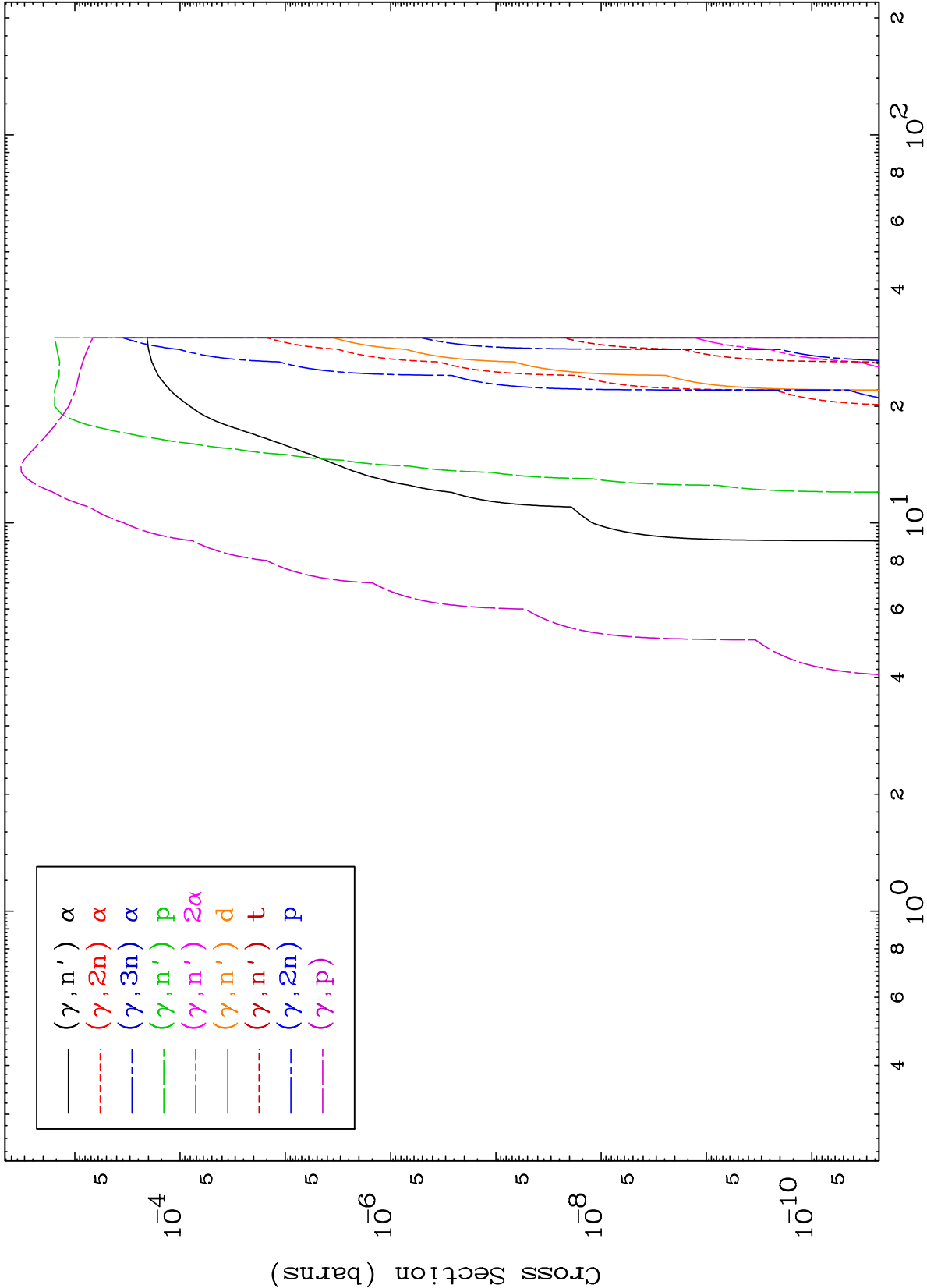
85-At-204

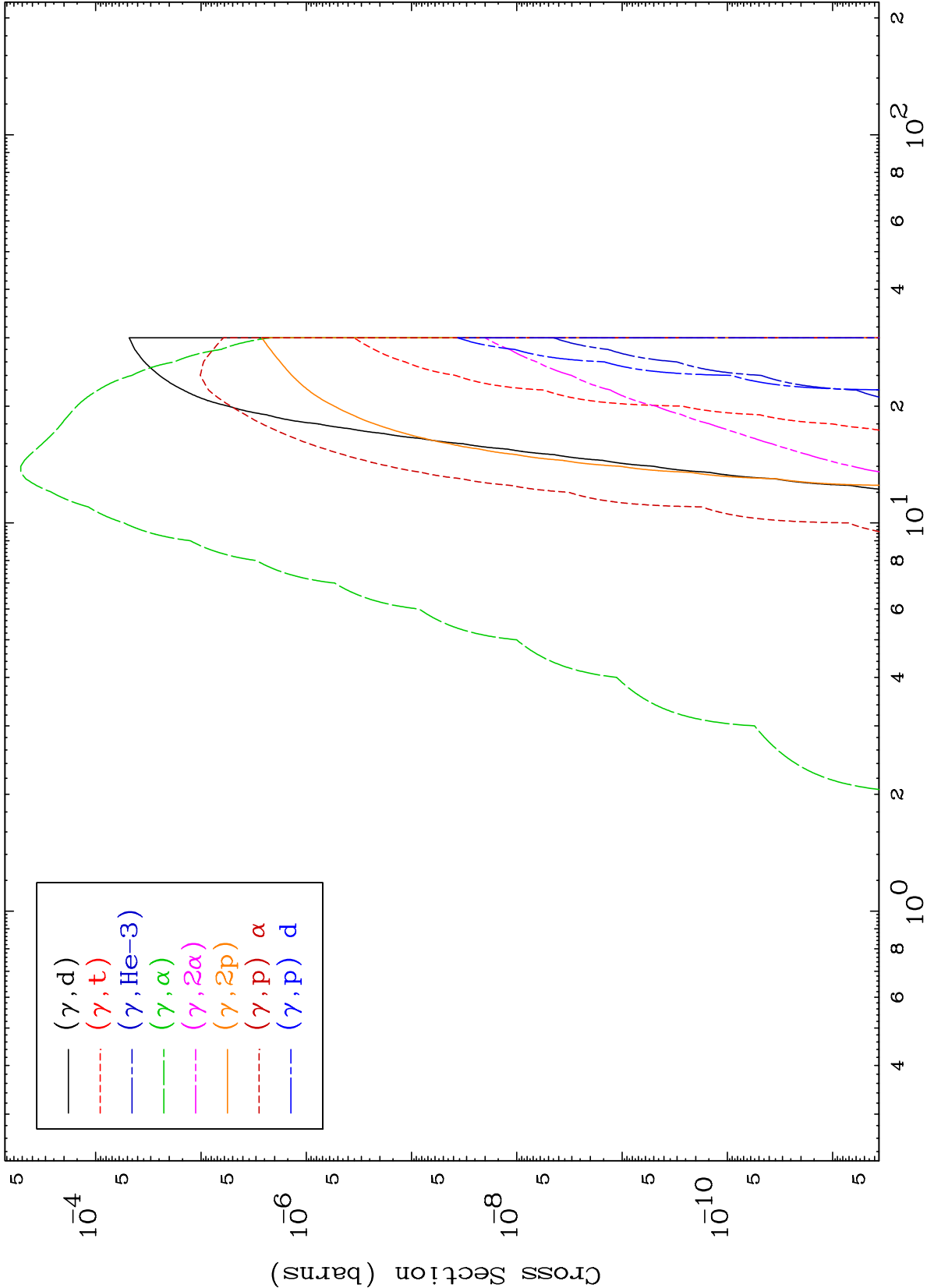


2

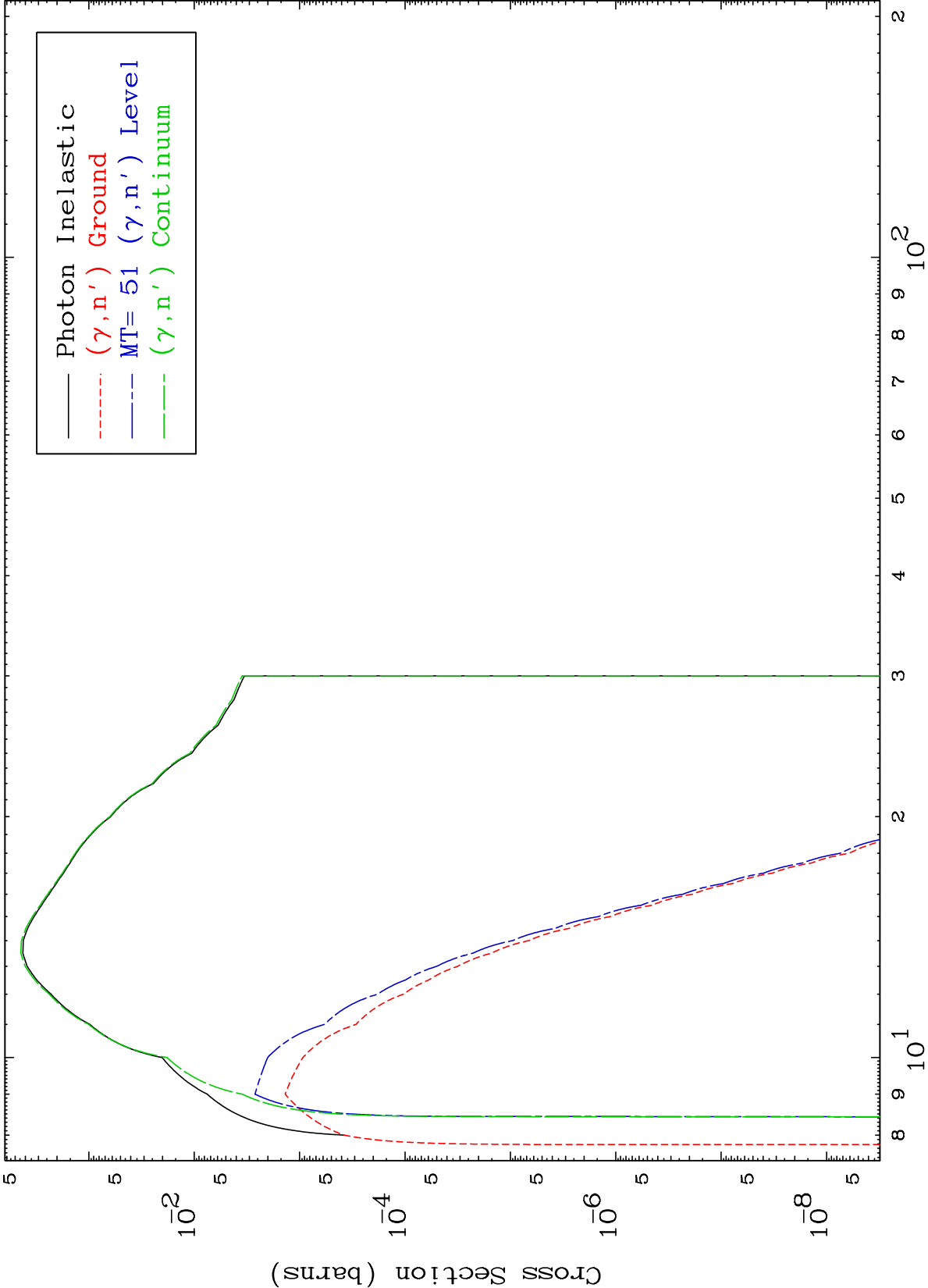
Incident Energy (MeV)

85-At-204





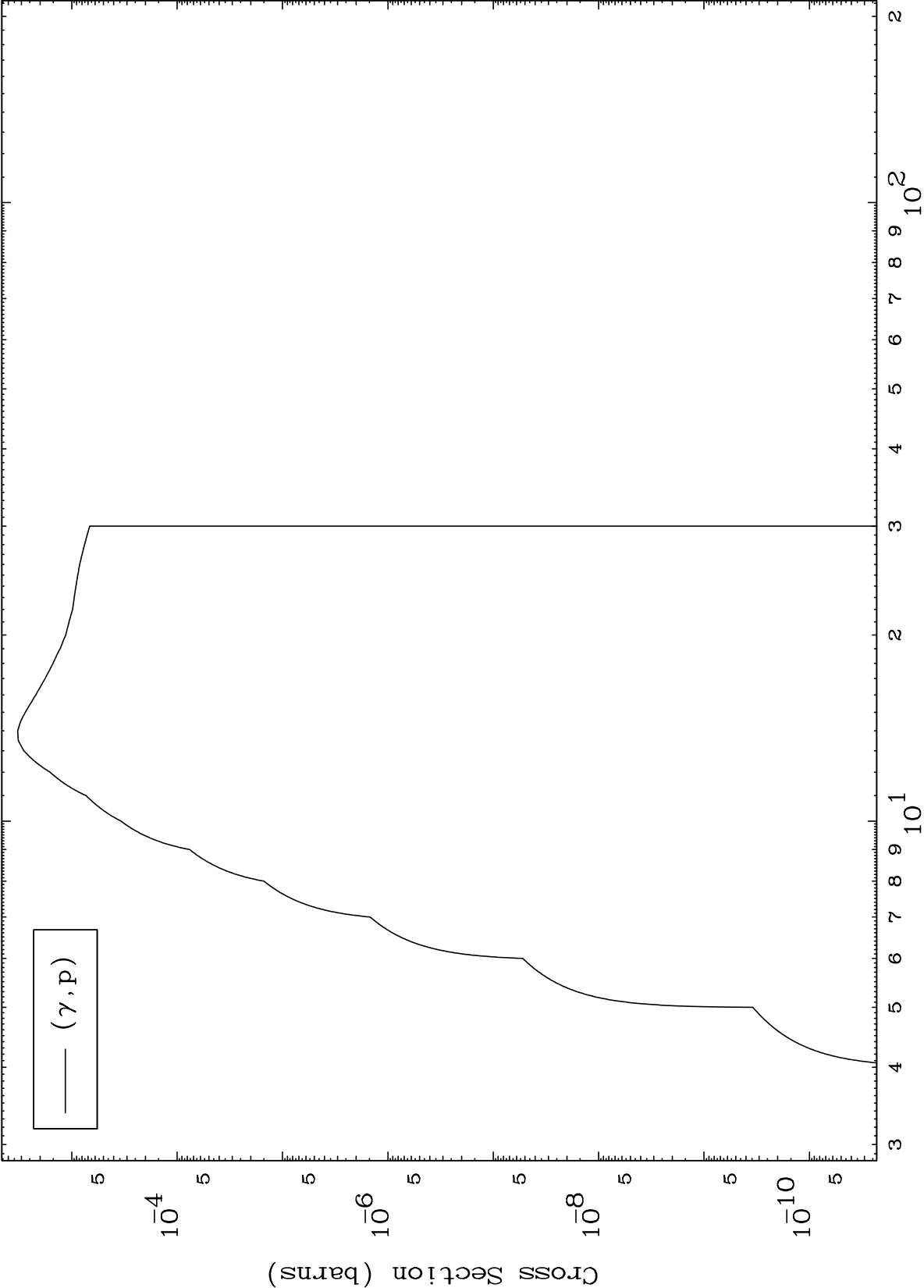
0 Kelvin Cross Sections



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85-At-204

(γ ,p) Levels
0 Kelvin Cross Sections



Incident Energy (MeV)

85-At-204

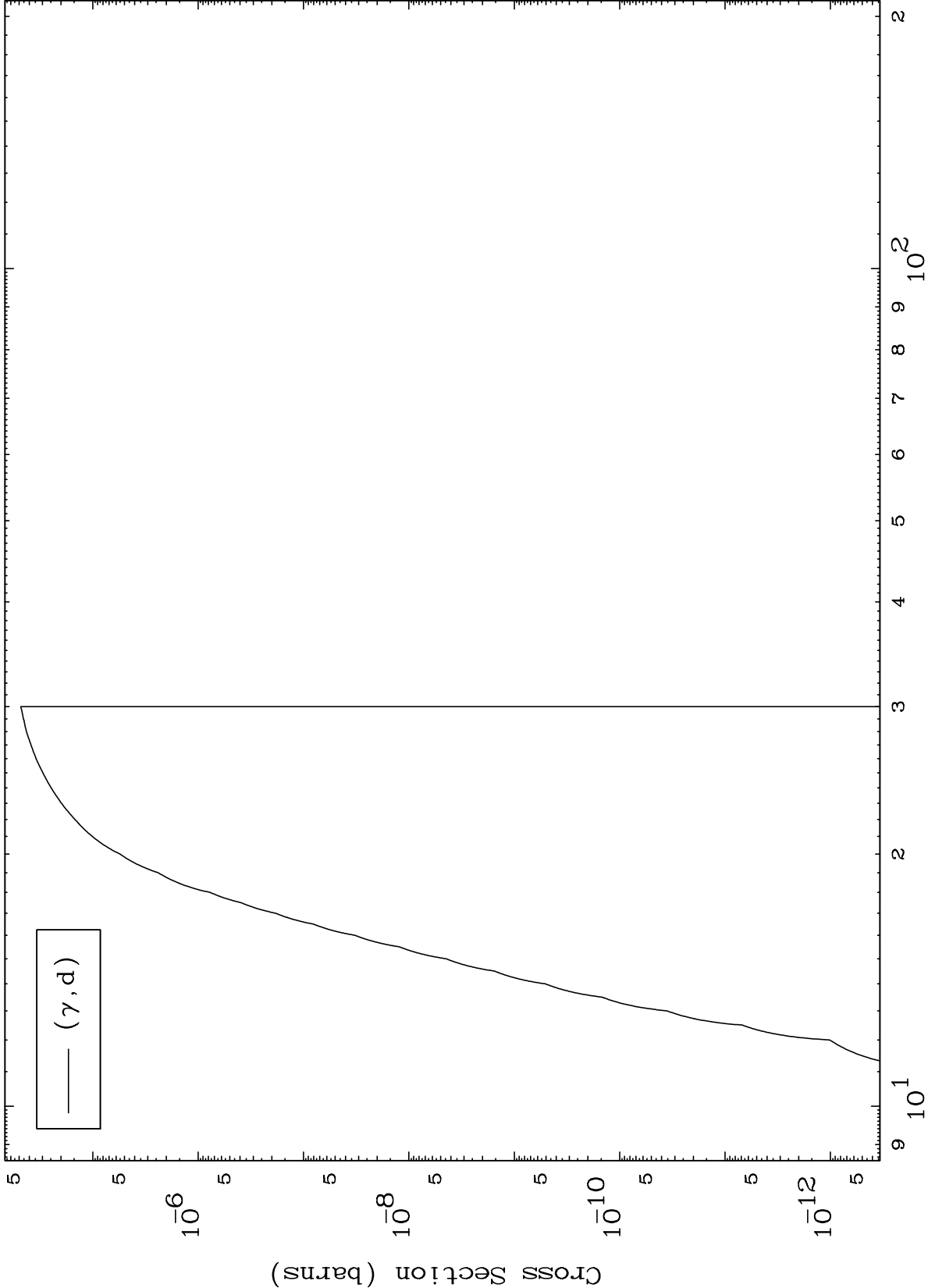
6

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(γ ,d) Levels

85-At-204

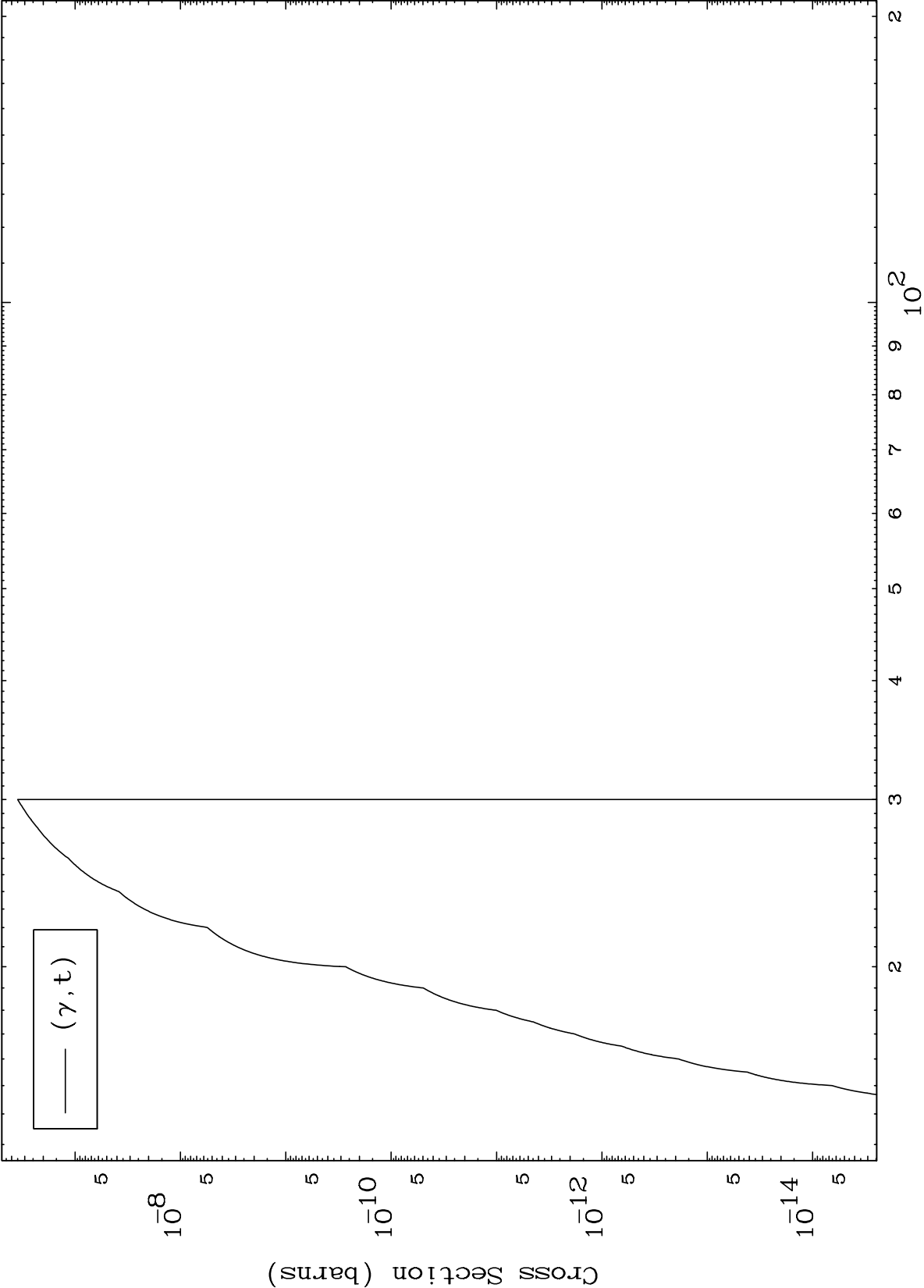
0 Kelvin Cross Sections



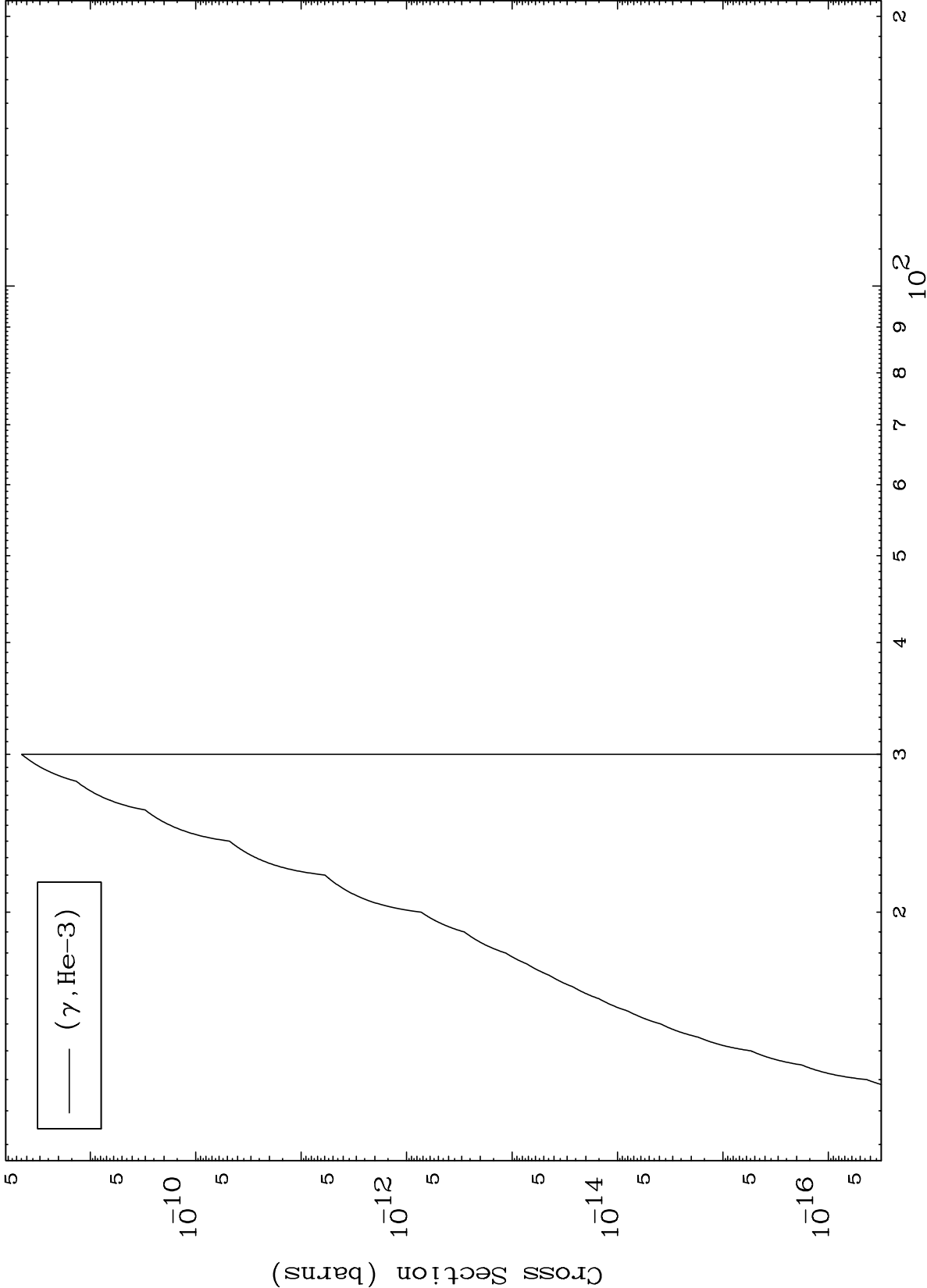
Incident Energy (MeV)

85-At-204

(γ, t) Levels
0 Kelvin Cross Sections



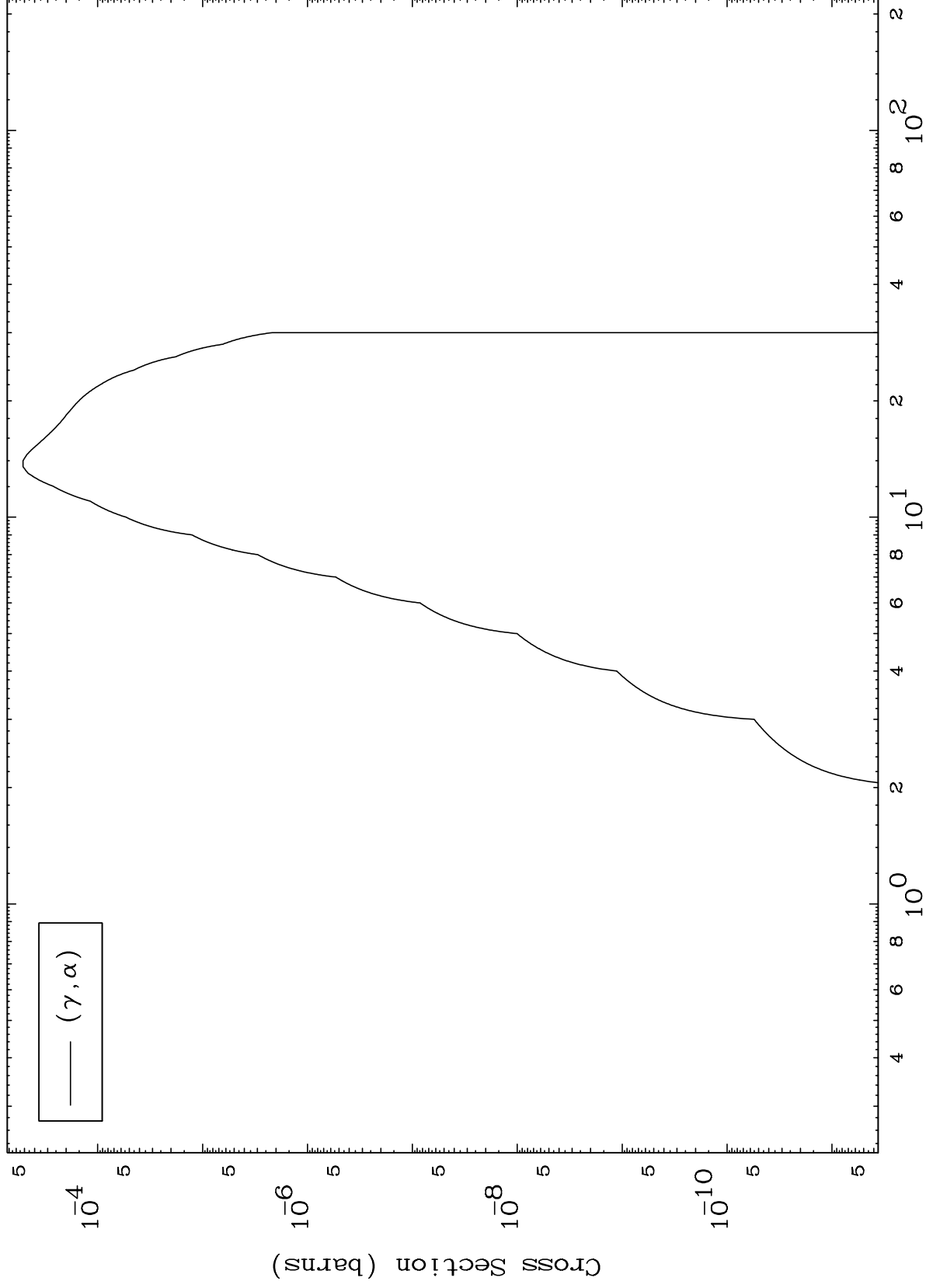
(γ ,He3) Levels
0 Kelvin Cross Sections



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85-At-204

(γ, α) Levels
0 Kelvin Cross Sections



10

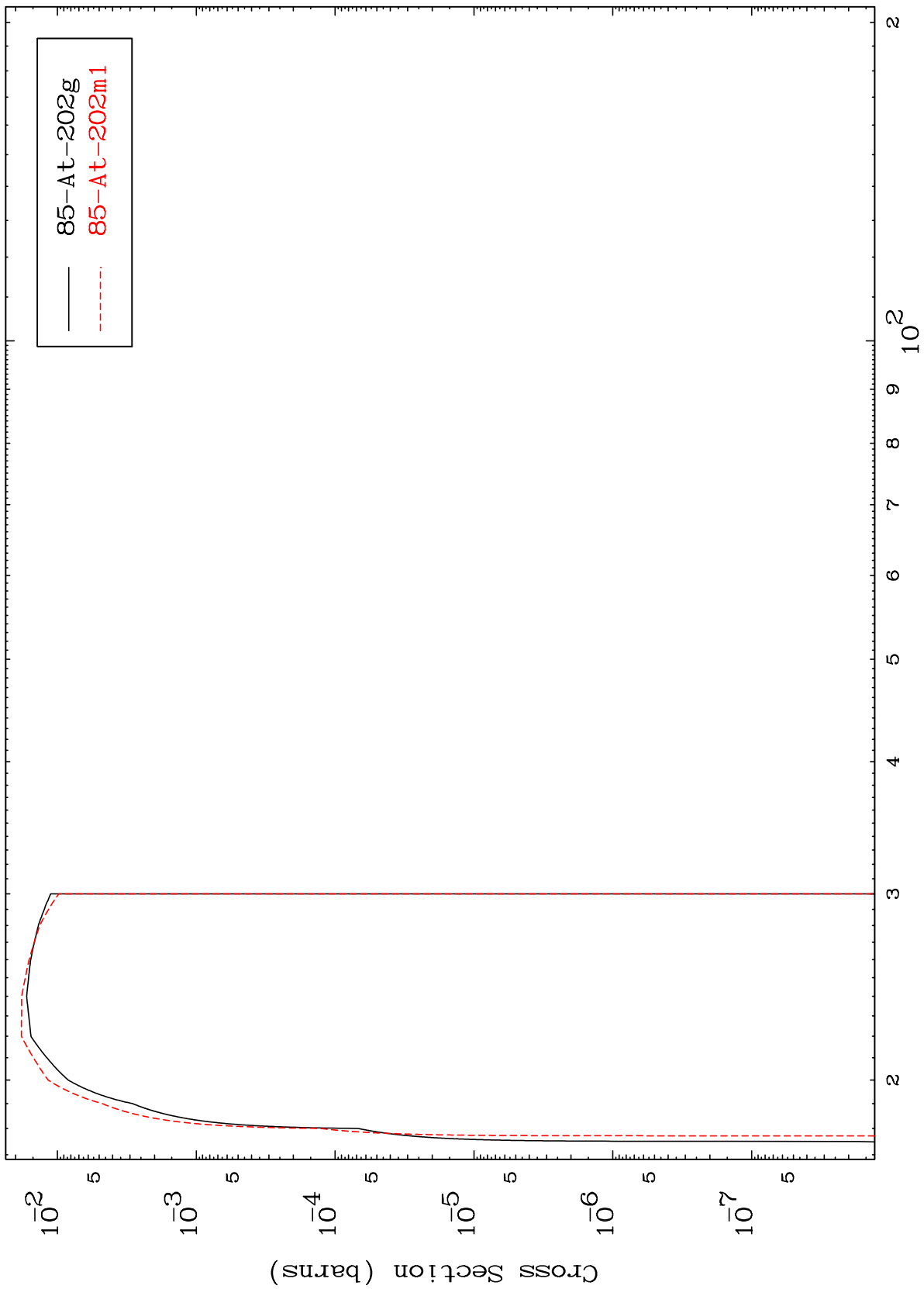
Incident Energy (MeV)

85-At-204

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85-At-204

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



11

Incident Energy (MeV)

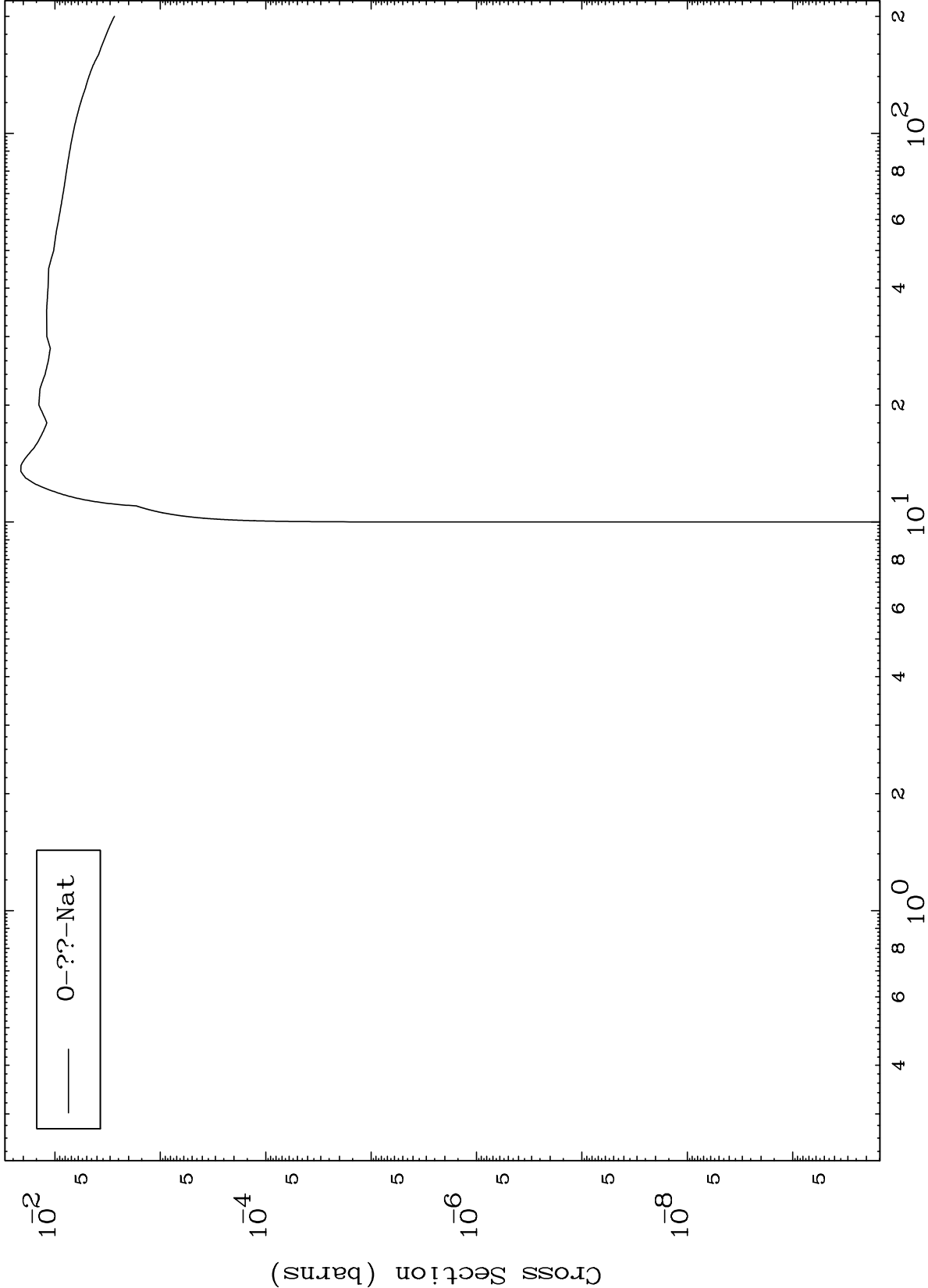
85-At-204

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Photon Fission

85-At-204

Radionuclide Production Cross Section



12

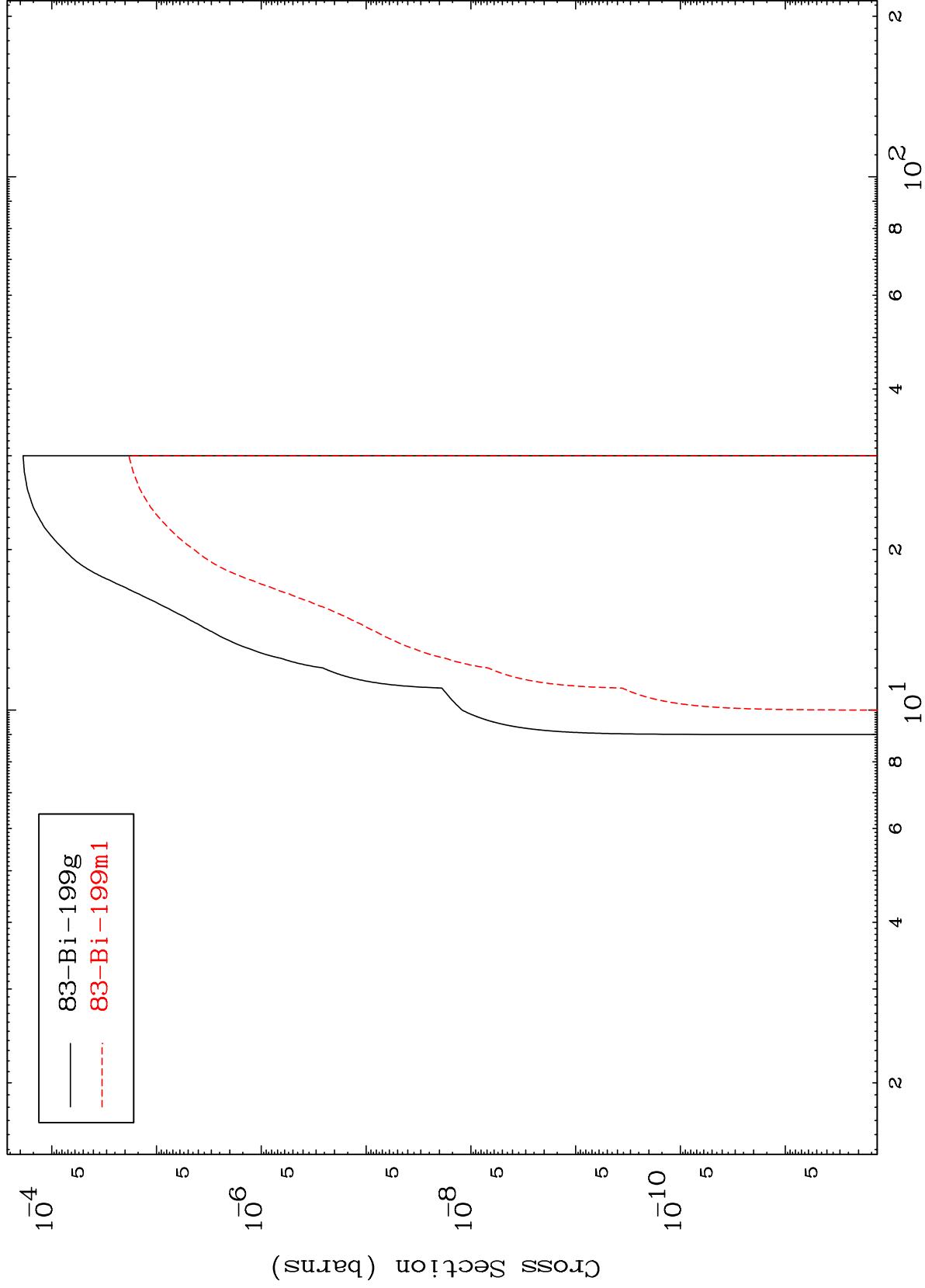
Incident Energy (MeV)

85-At-204

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85-At-204

(γ, n') α
Radionuclide Production Cross Section



13

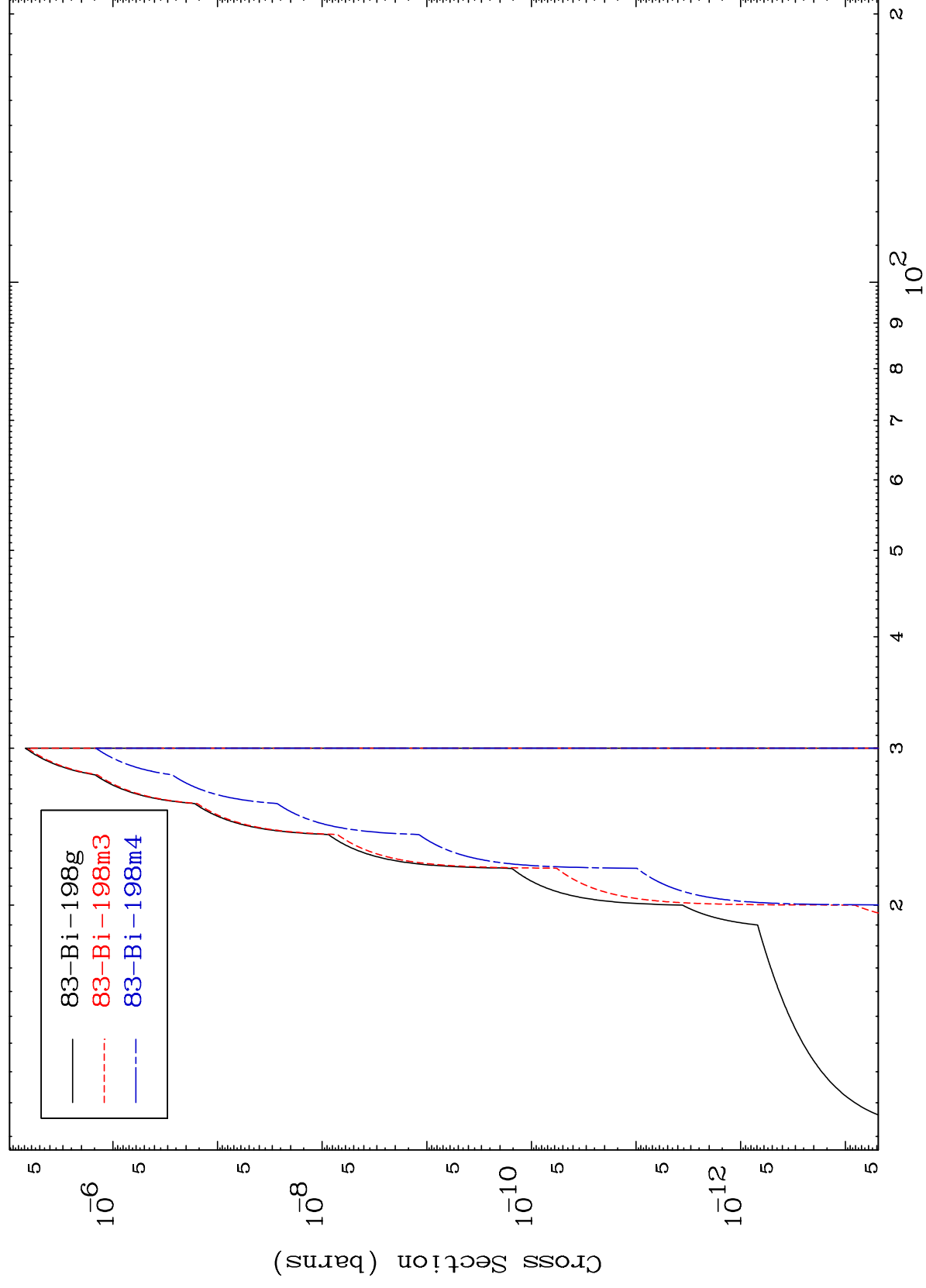
Incident Energy (MeV)

85-At-204

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85-At-204

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

$$(\gamma, 2n) \propto$$


85-At-204

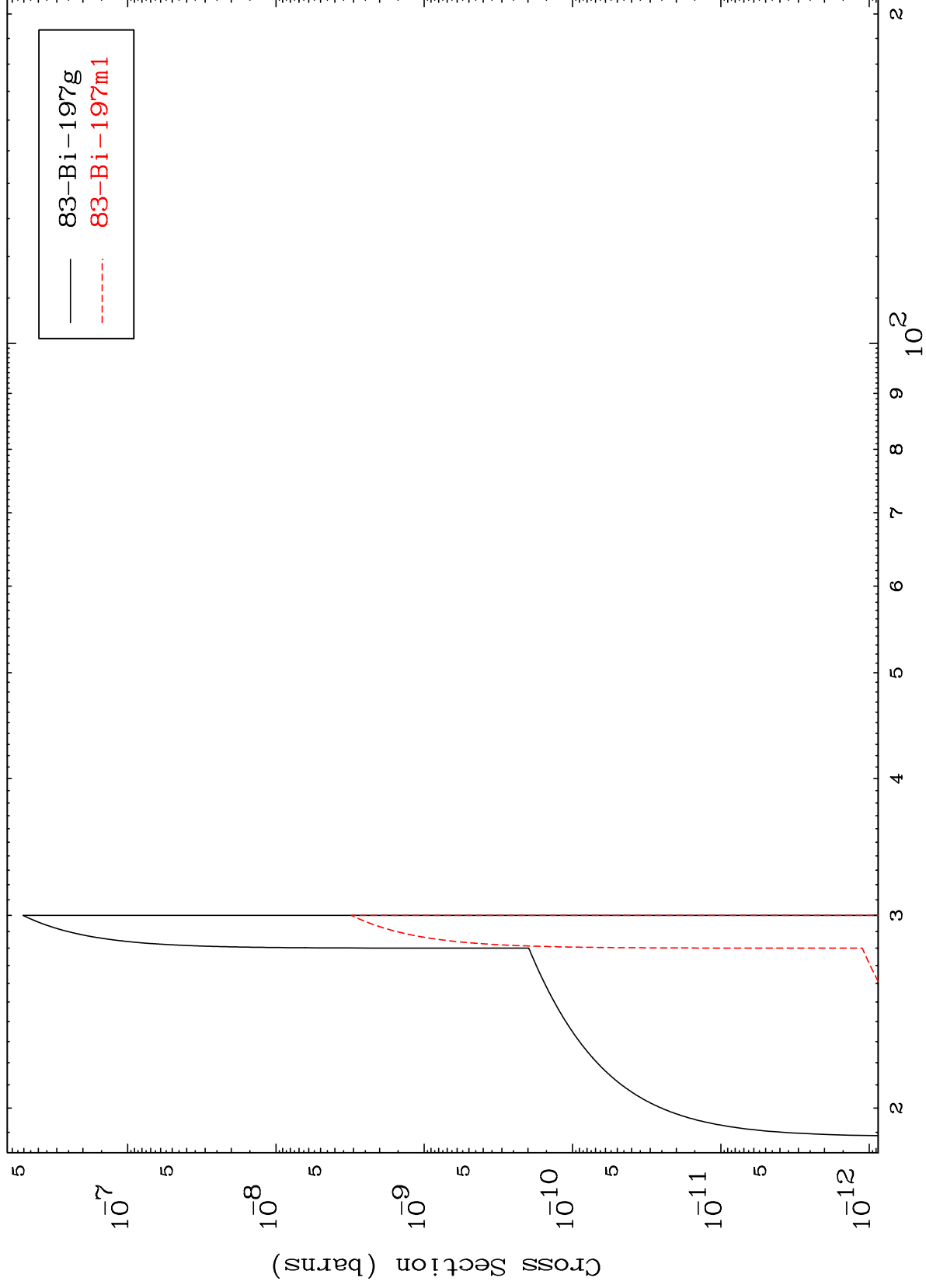
Incident Energy (MeV)

14

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85-At-204

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



85-At-204

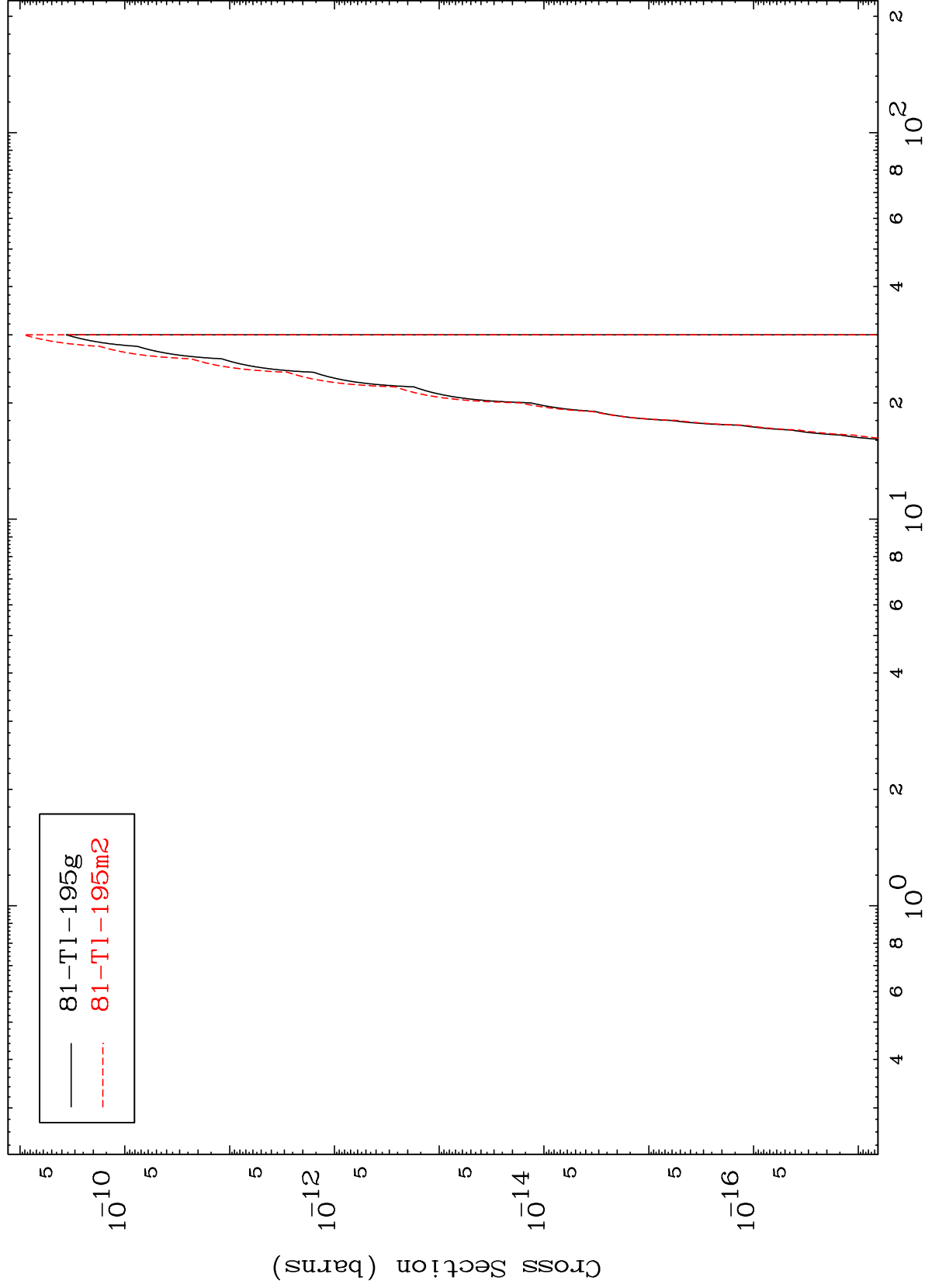
Incident Energy (MeV)

15

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85-At-204

Radionuclide Production Cross Section
(γ, n') 2α



16

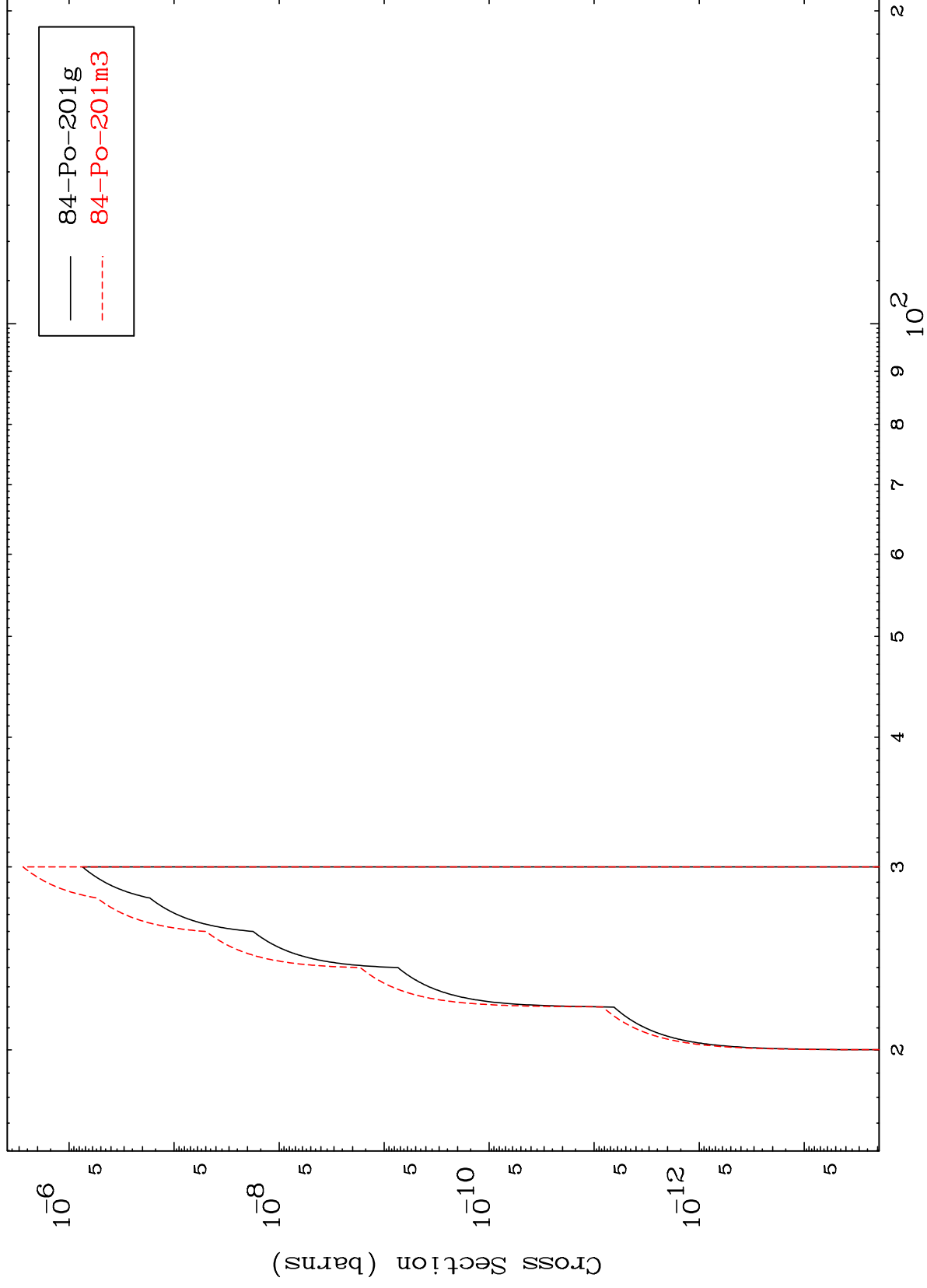
Incident Energy (MeV)

85-At-204

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85-At-204

(γ, n') d
Radionuclide Production Cross Section



17

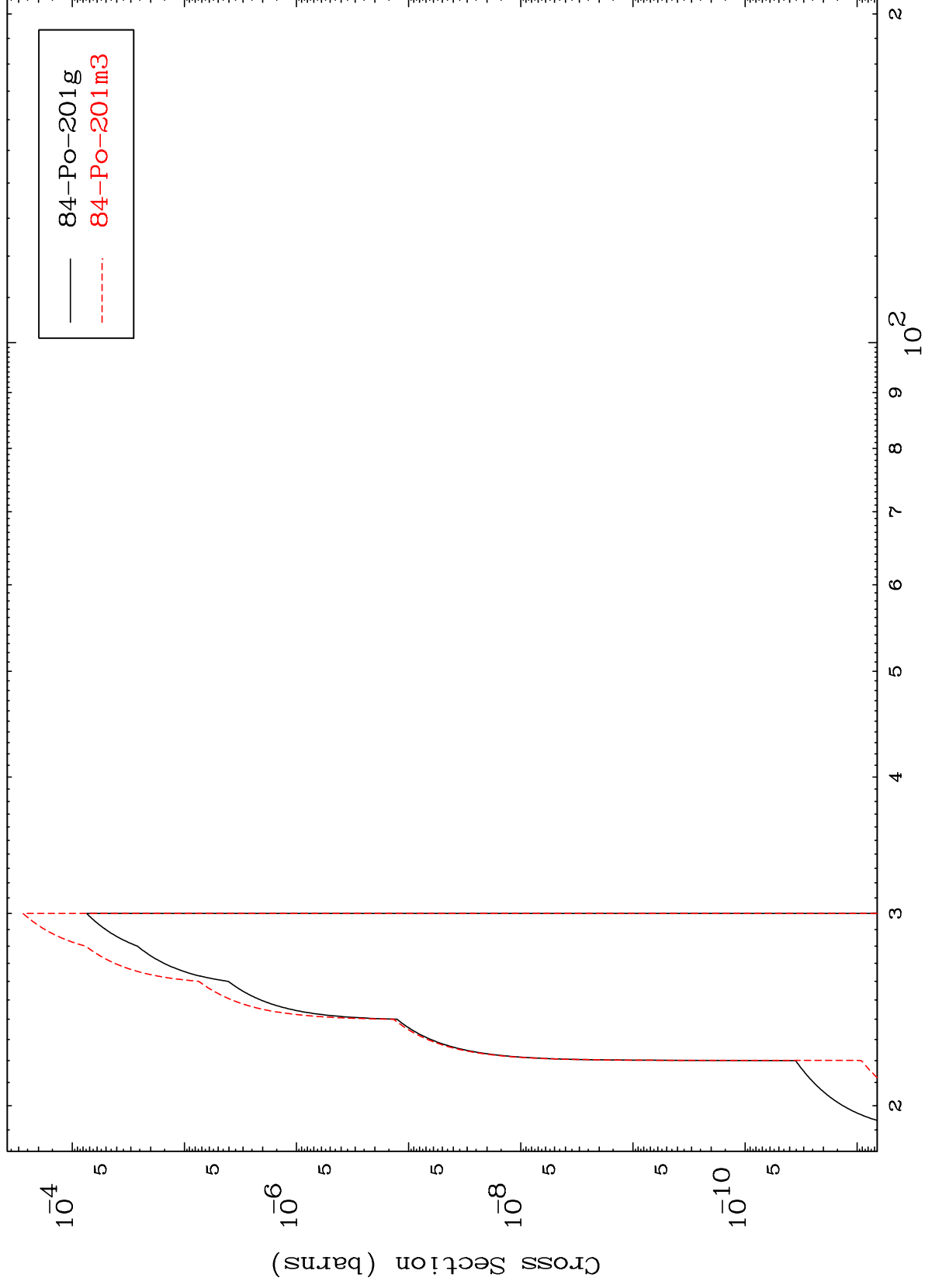
Incident Energy (MeV)

85-At-204

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85-At-204

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

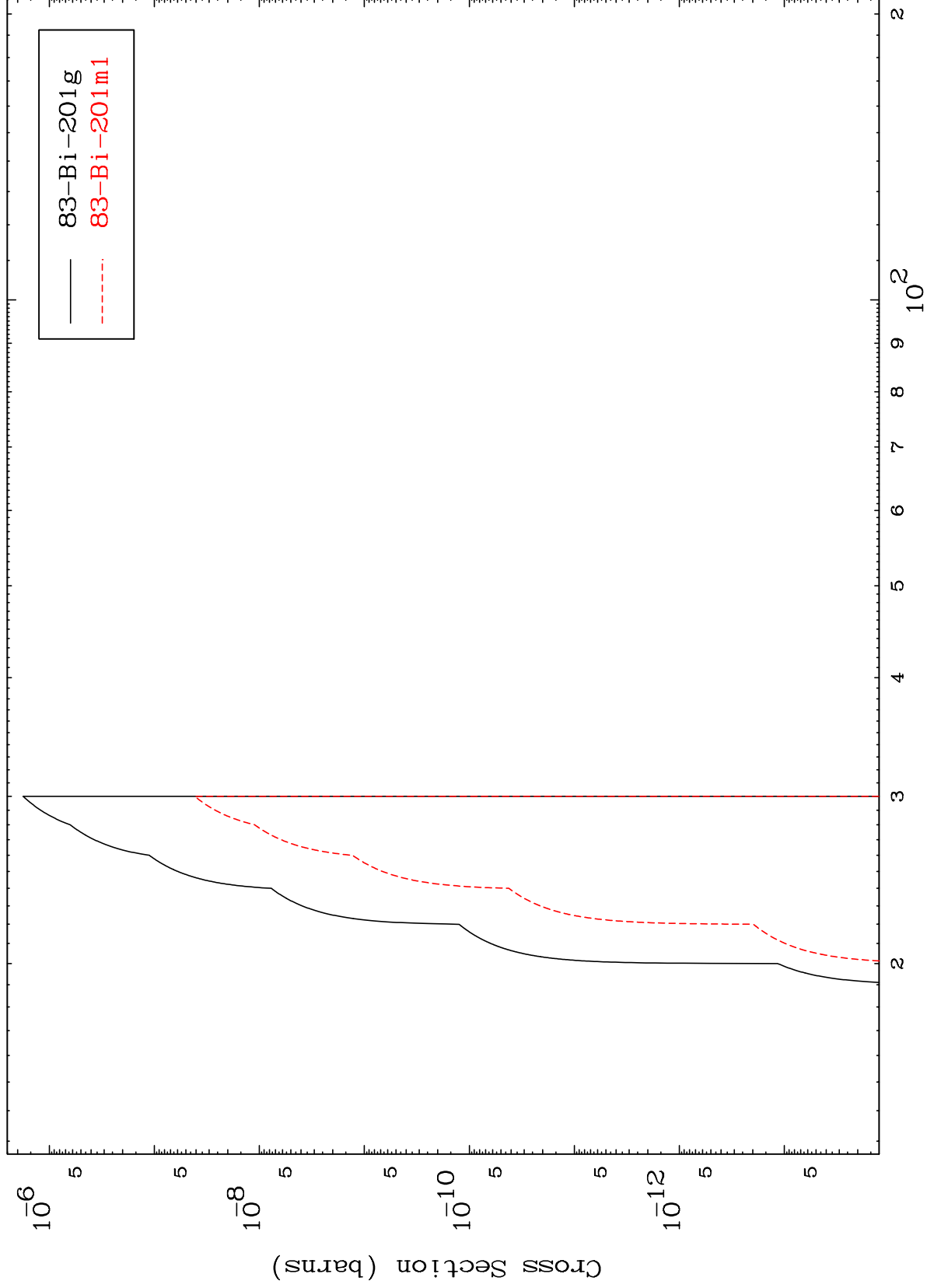


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Incident Energy (MeV)

85-At-204

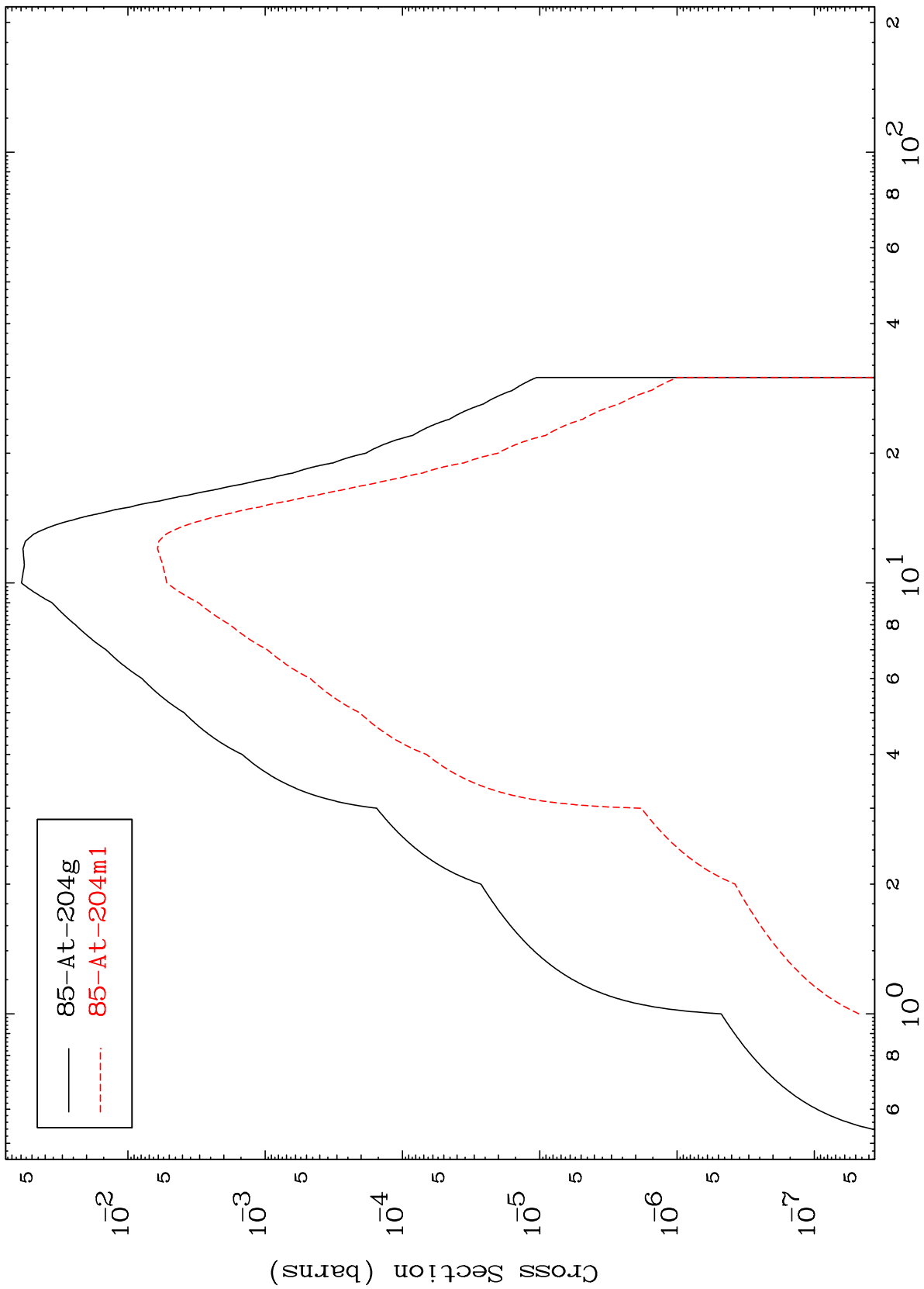
($\gamma, 2n$) p
Radionuclide Production Cross Section



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85-At-204

(γ, γ)
Radionuclide Production Cross Section

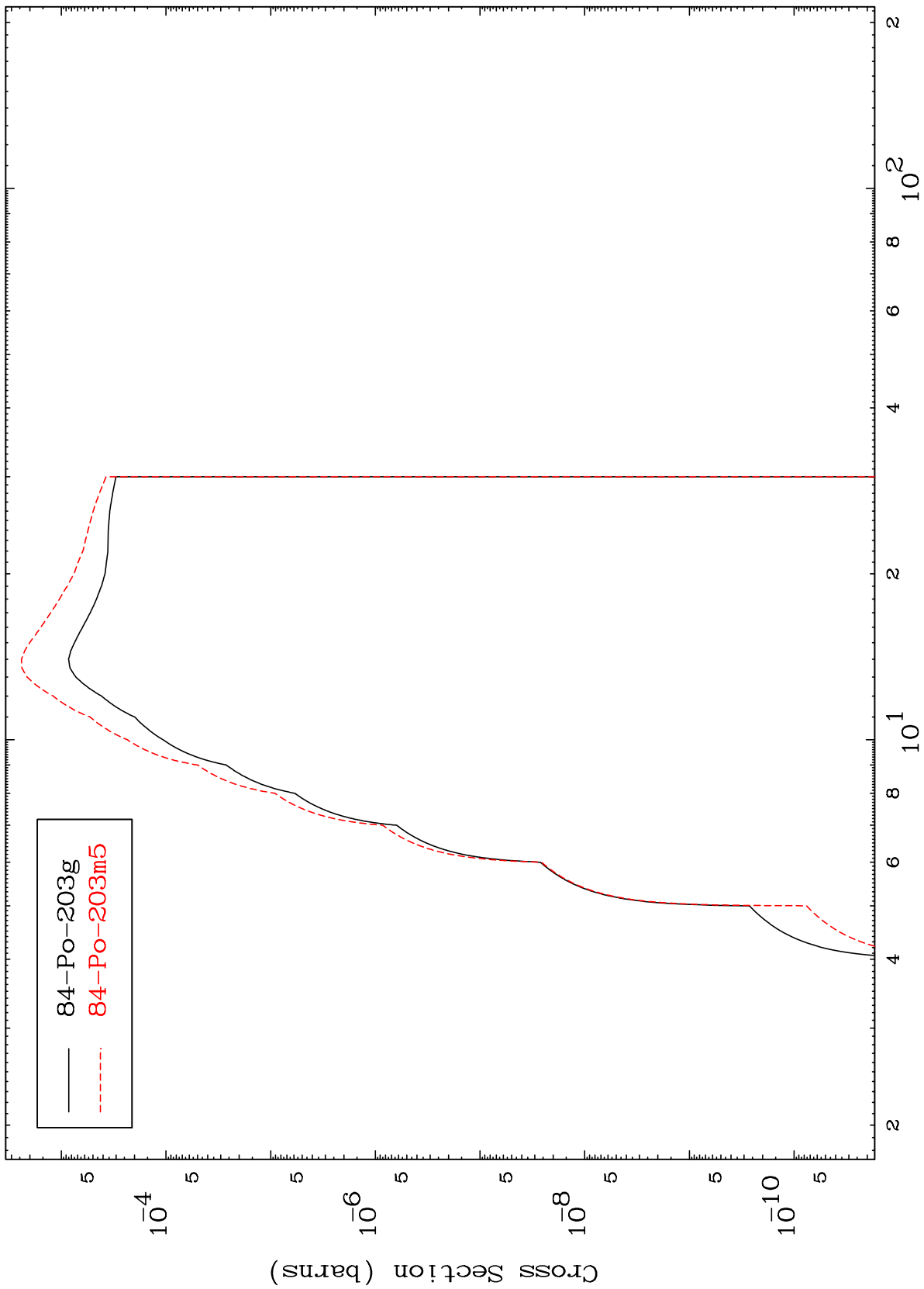


Incident Energy (MeV)

85-At-204

20

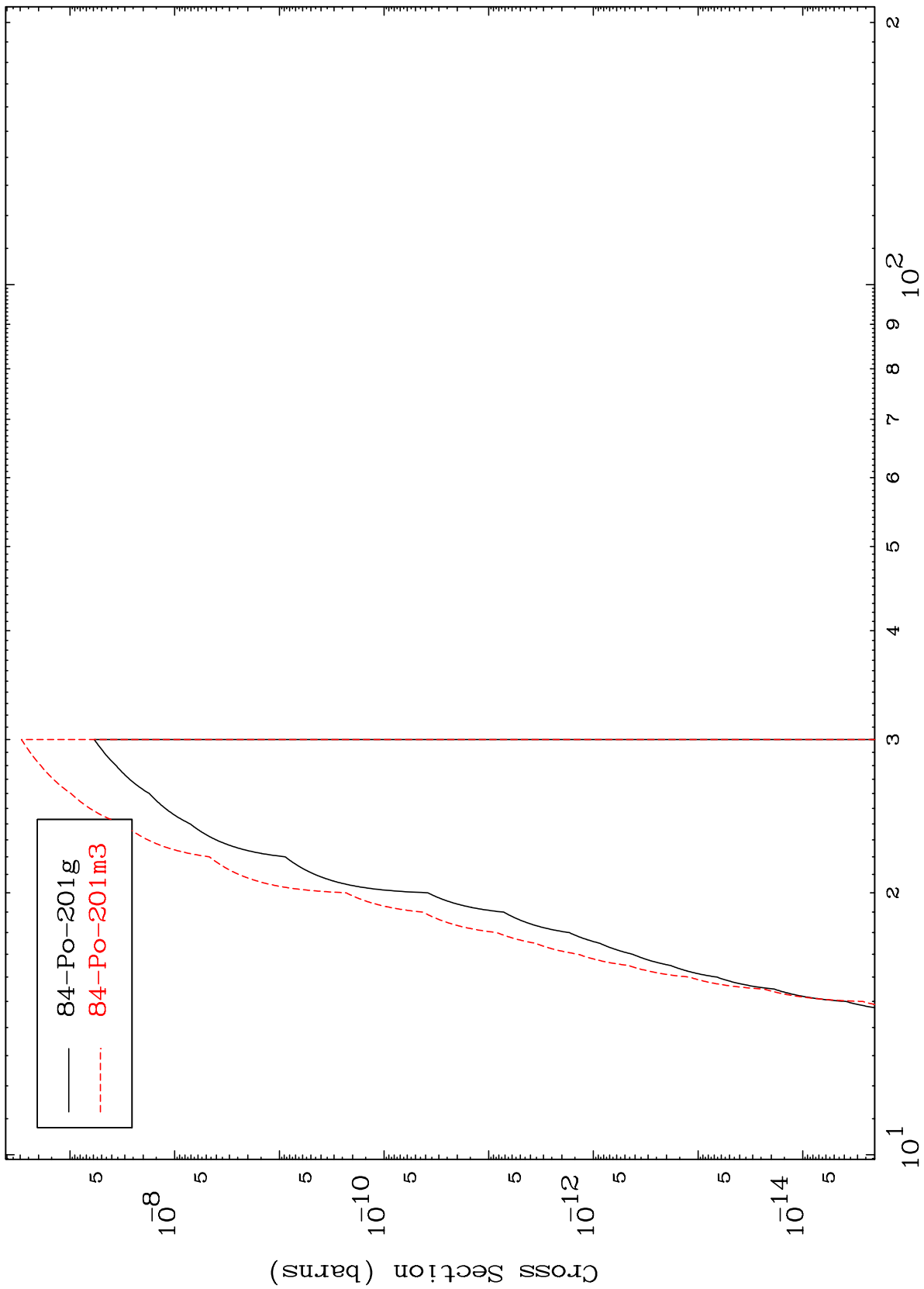
Radionuclide Production Cross Section
(γ, p)



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85-At-204

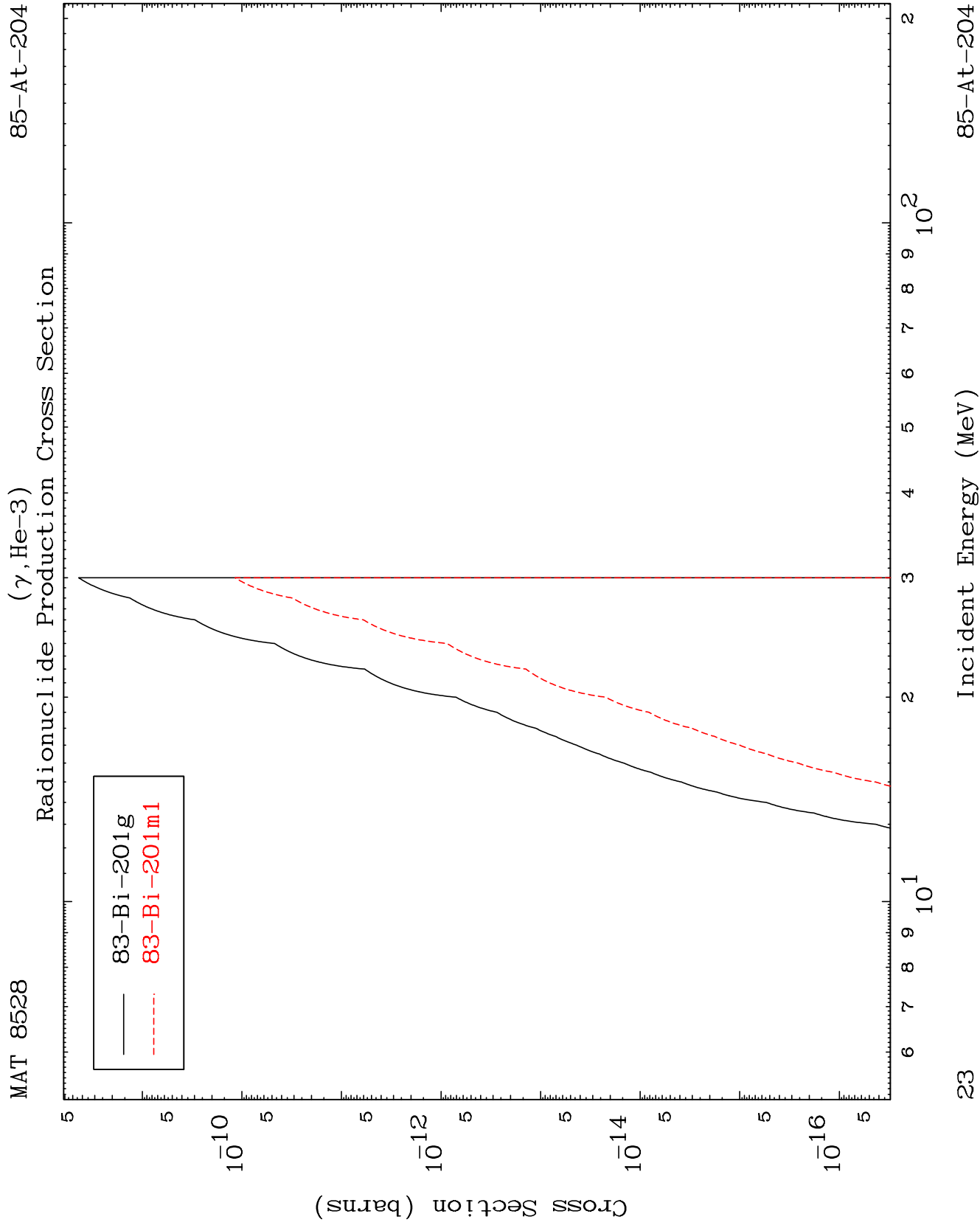
Radionuclide Production Cross Section
(γ, t)

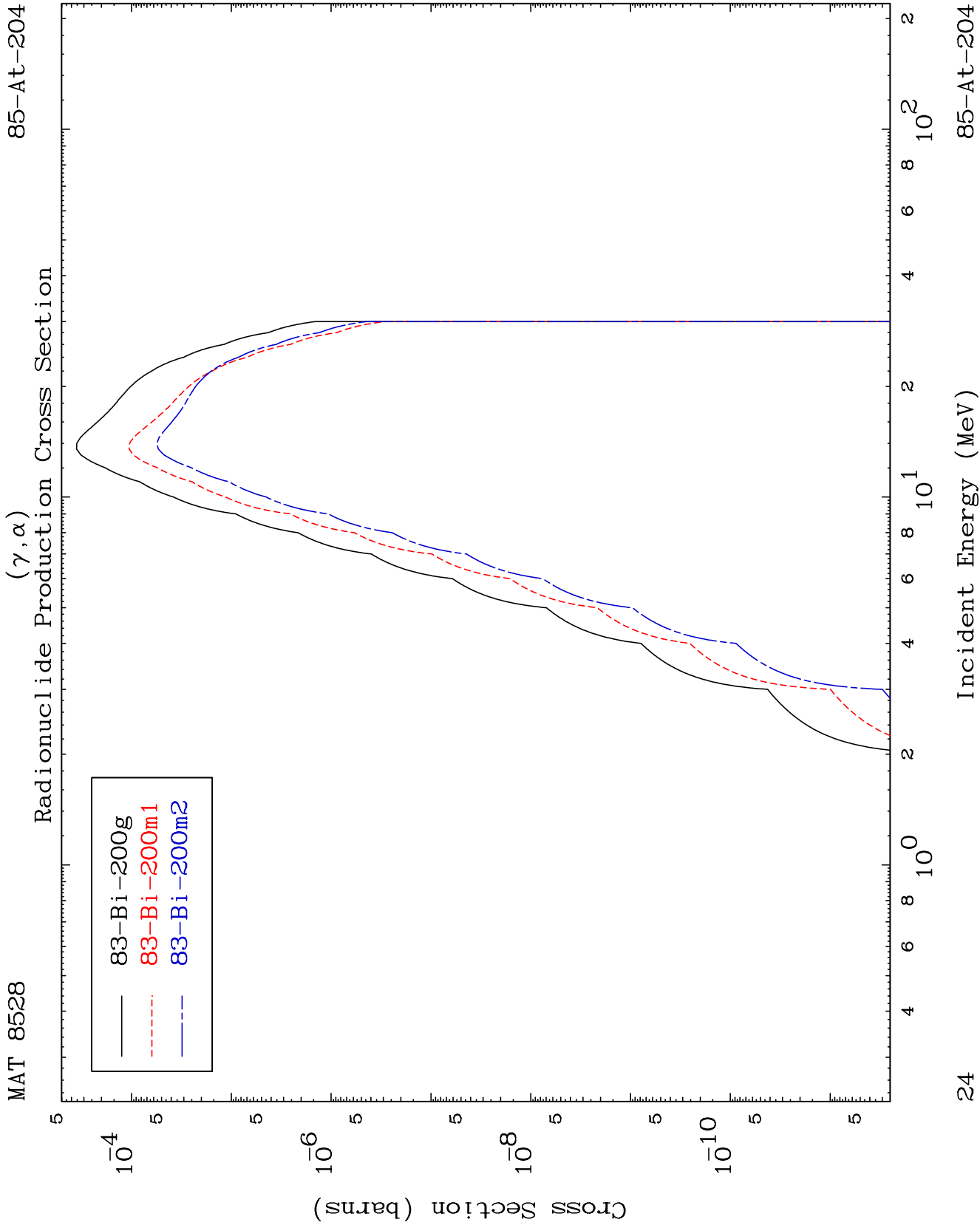


85-At-204

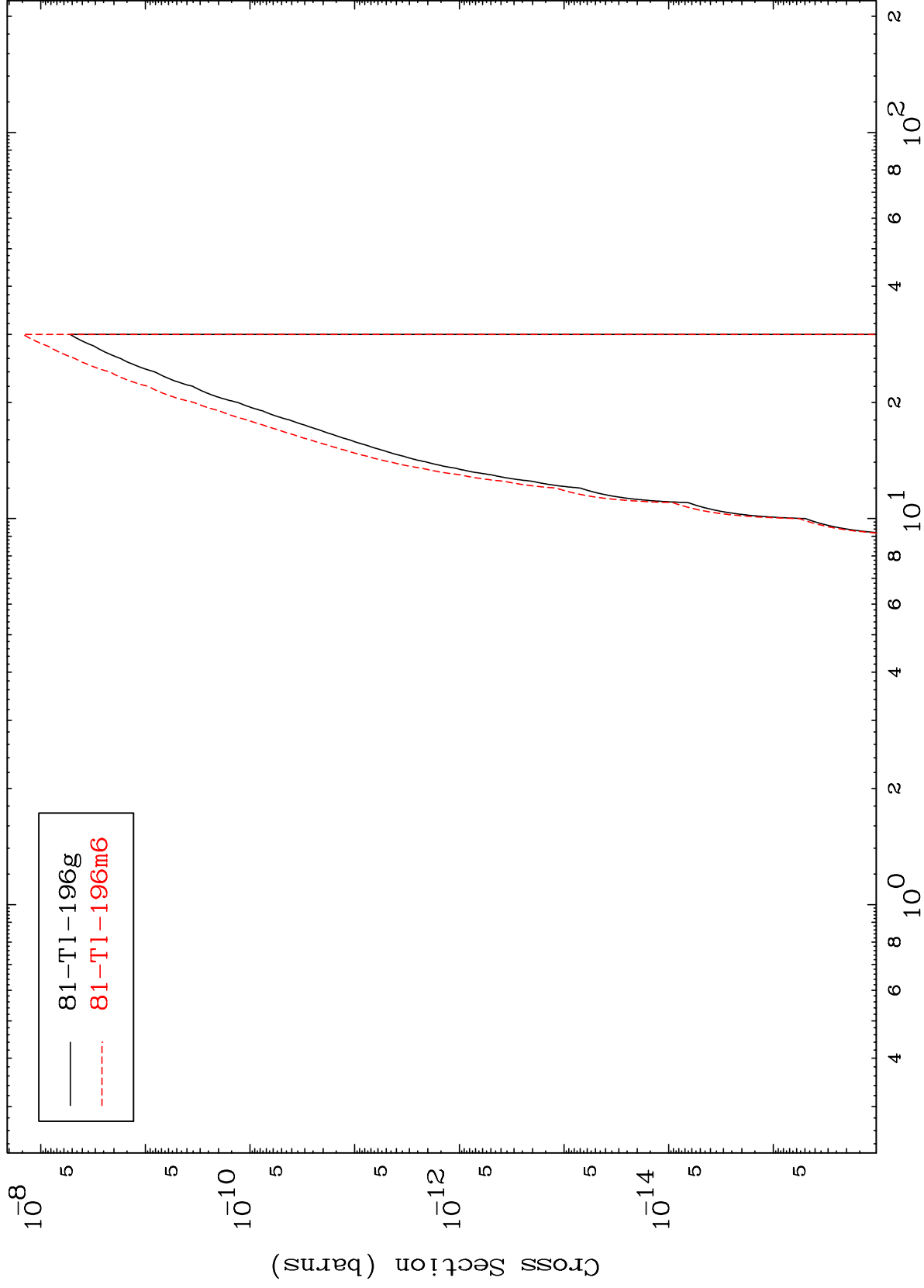
Incident Energy (MeV)

22

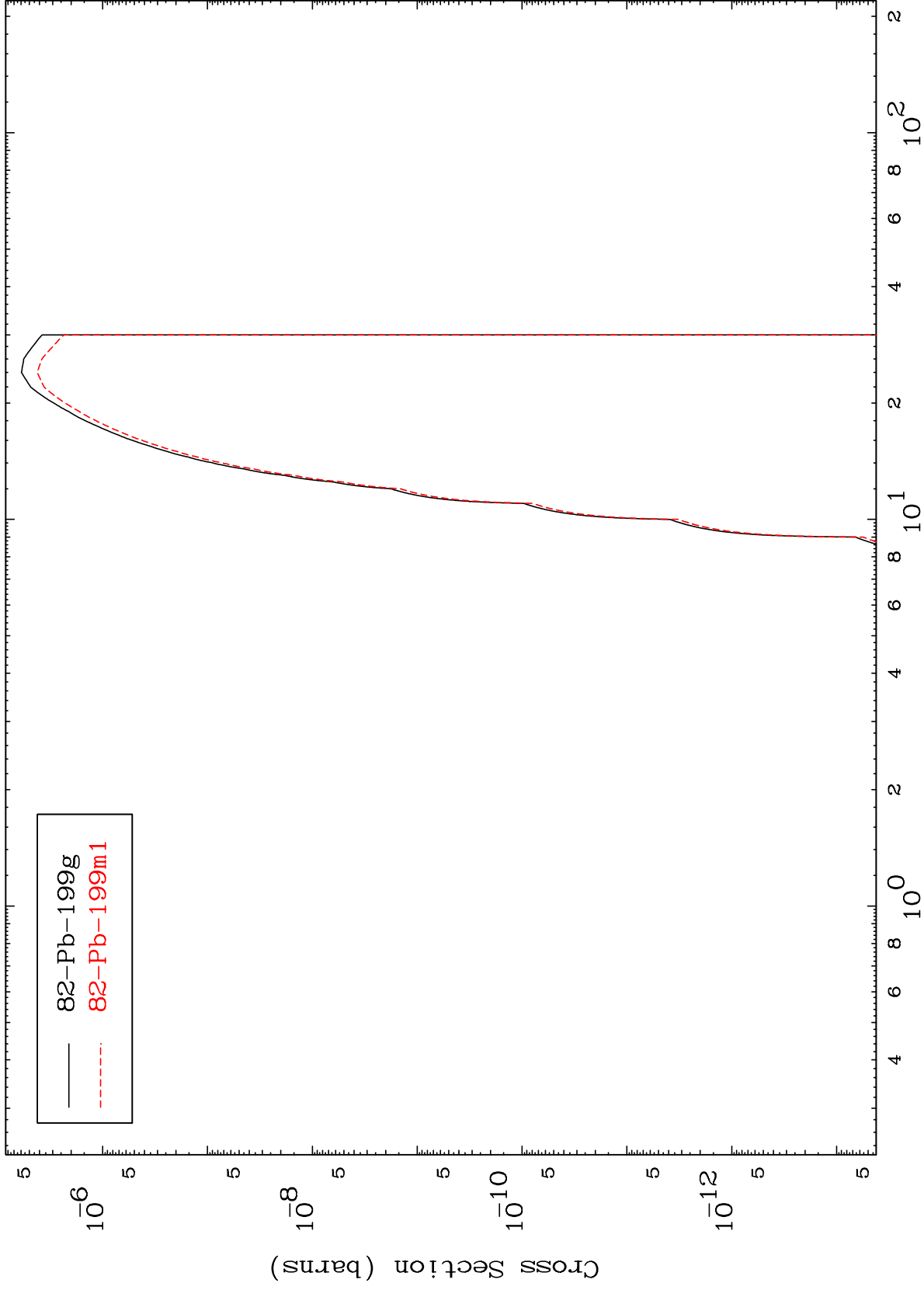




Radionuclide Production Cross Section
($\gamma, 2\alpha$)



Radionuclide Production Cross Section
(γ, p) α



Radionuclide Production Cross Section
(γ, p) d

