

Program EVALPLOT
(Version 2018-1)

by

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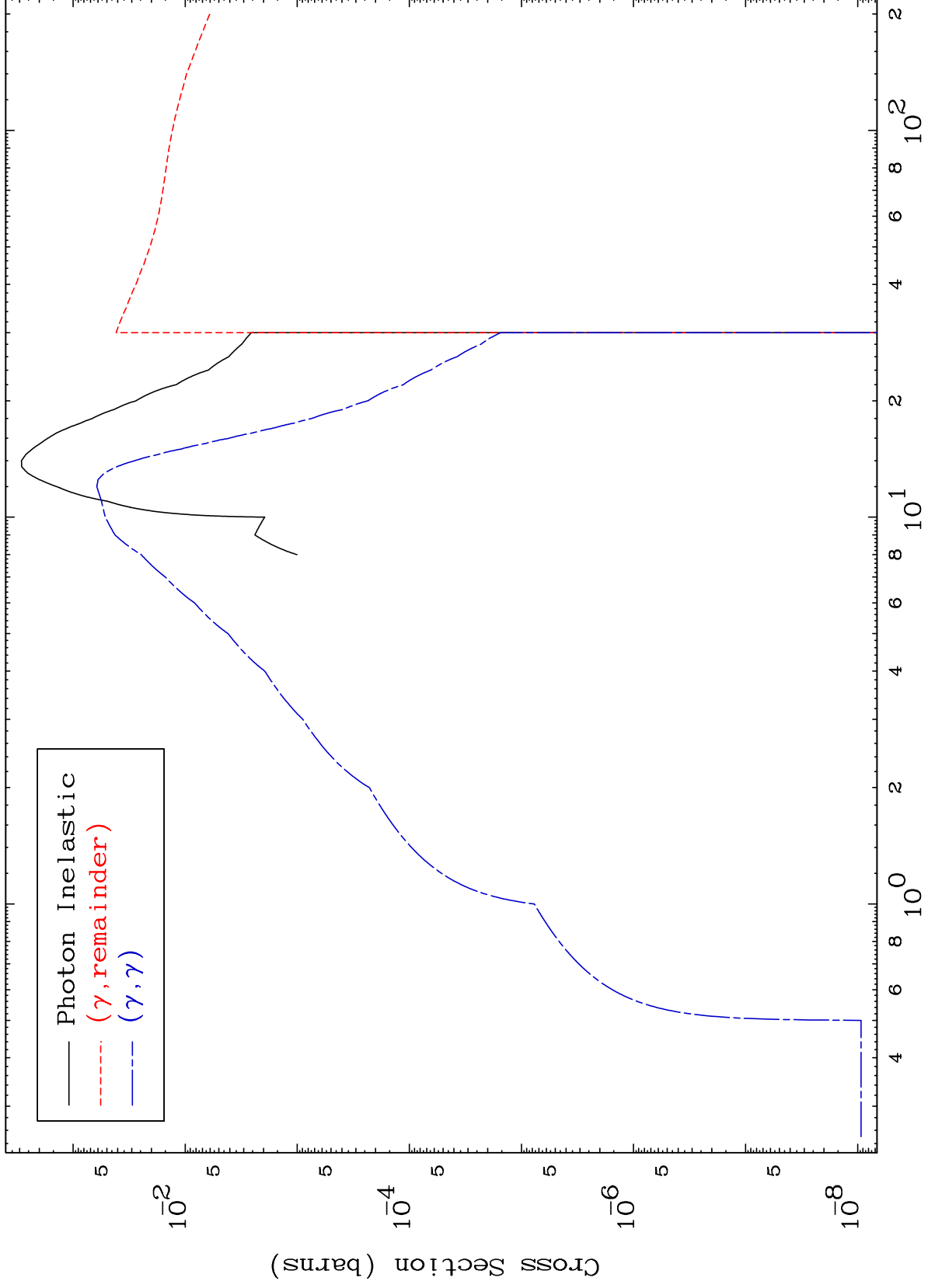
Press Mouse Button to Start

MAT 8522

Photon Major

85-At-202

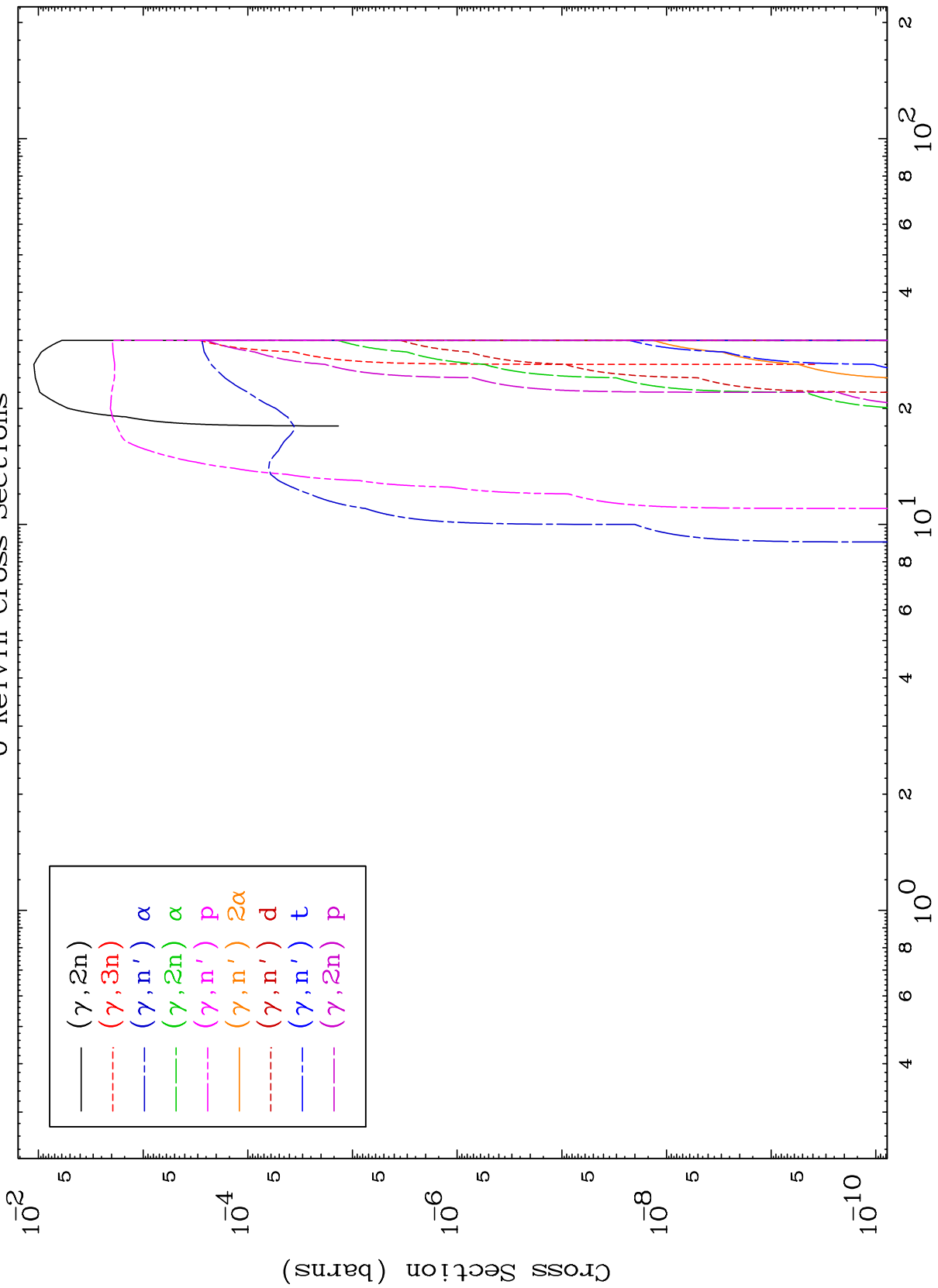
0 Kelvin Cross Sections

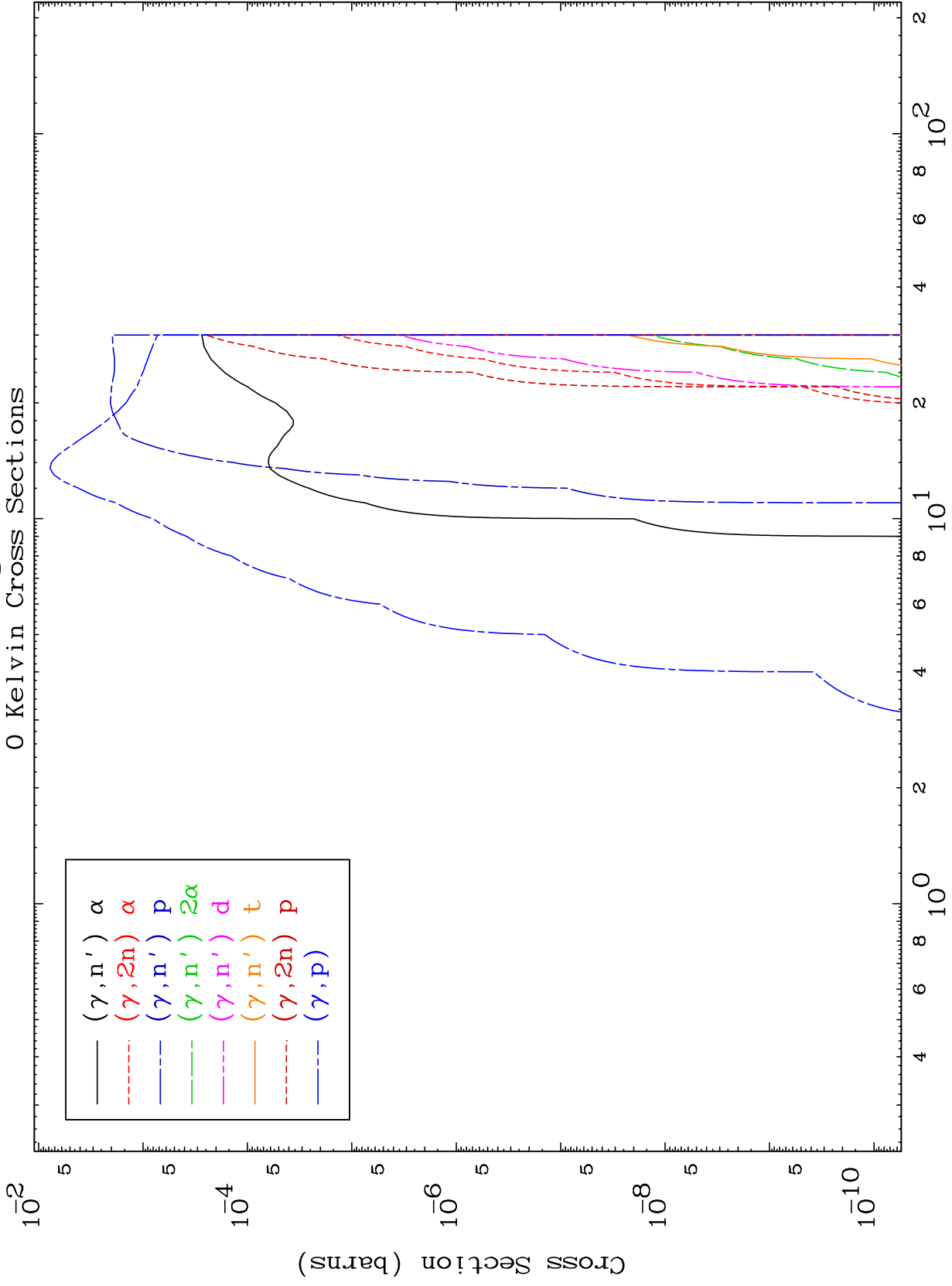


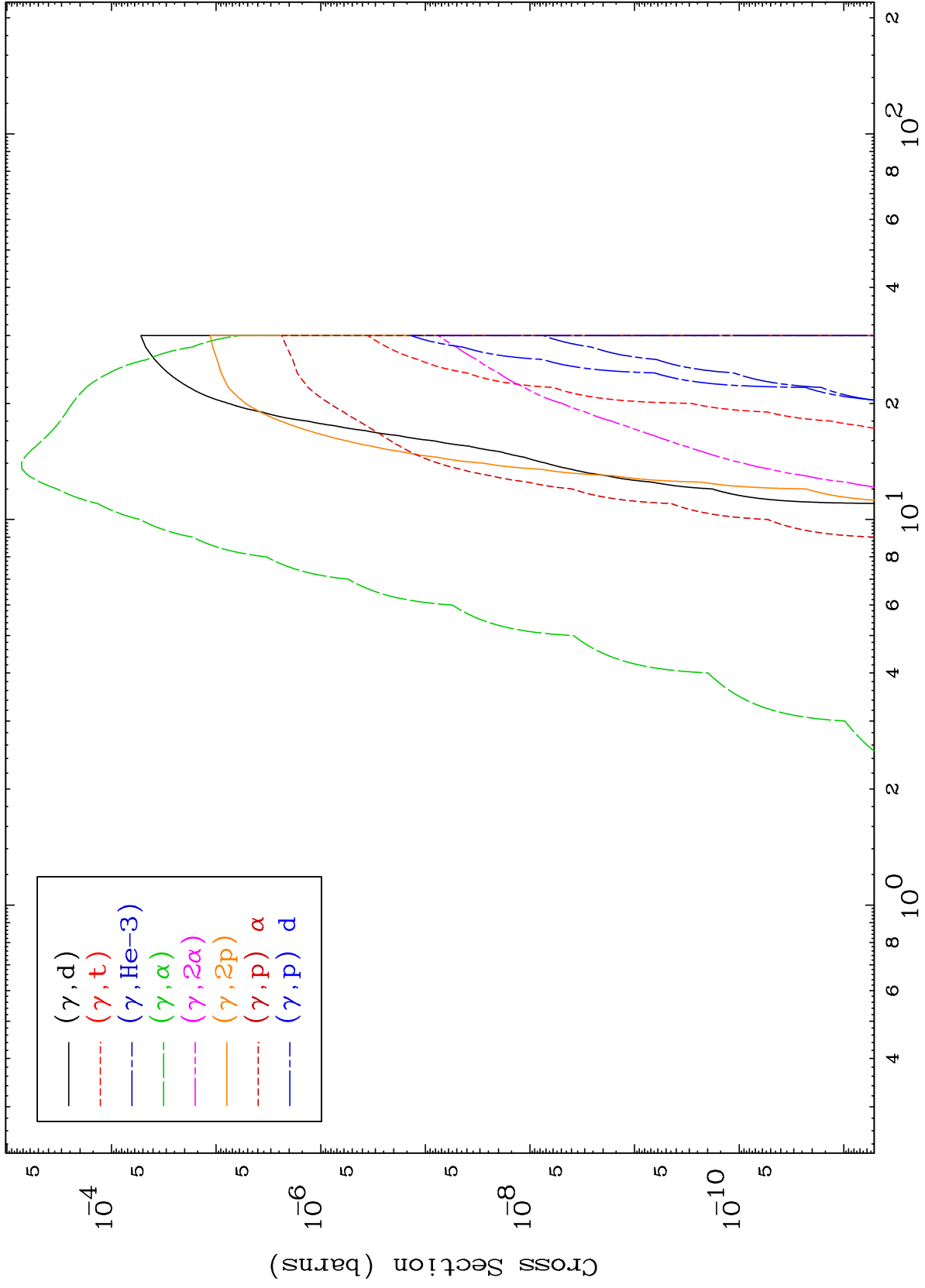
1

Incident Energy (MeV)

85-At-202





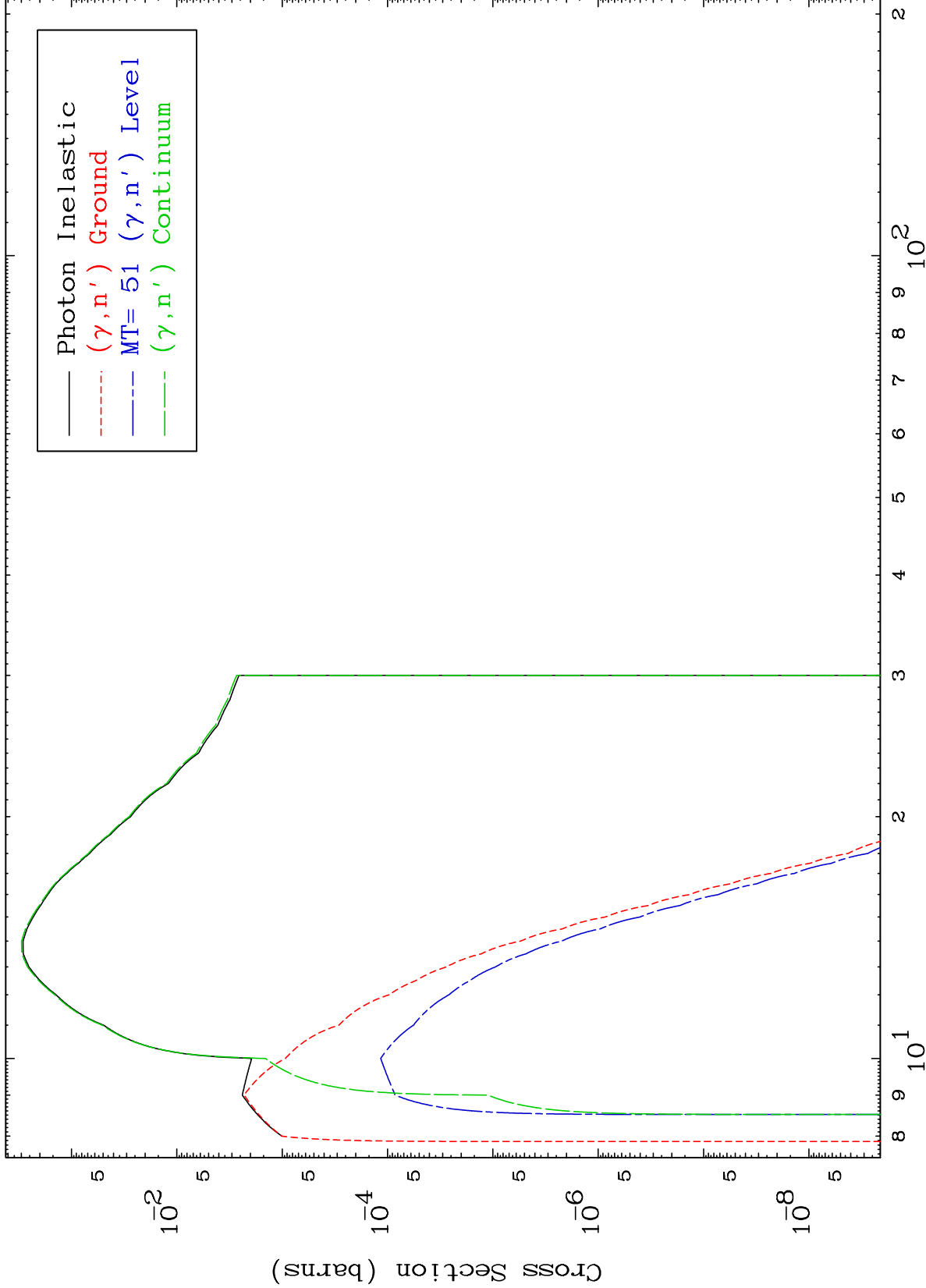


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(γ, n') Level

85-At-202

0 Kelvin Cross Sections



Photon Inelastic
 (γ, n') Ground
 $MT=51 (\gamma, n')$ Level
 (γ, n') Continuum

Incident Energy (MeV)

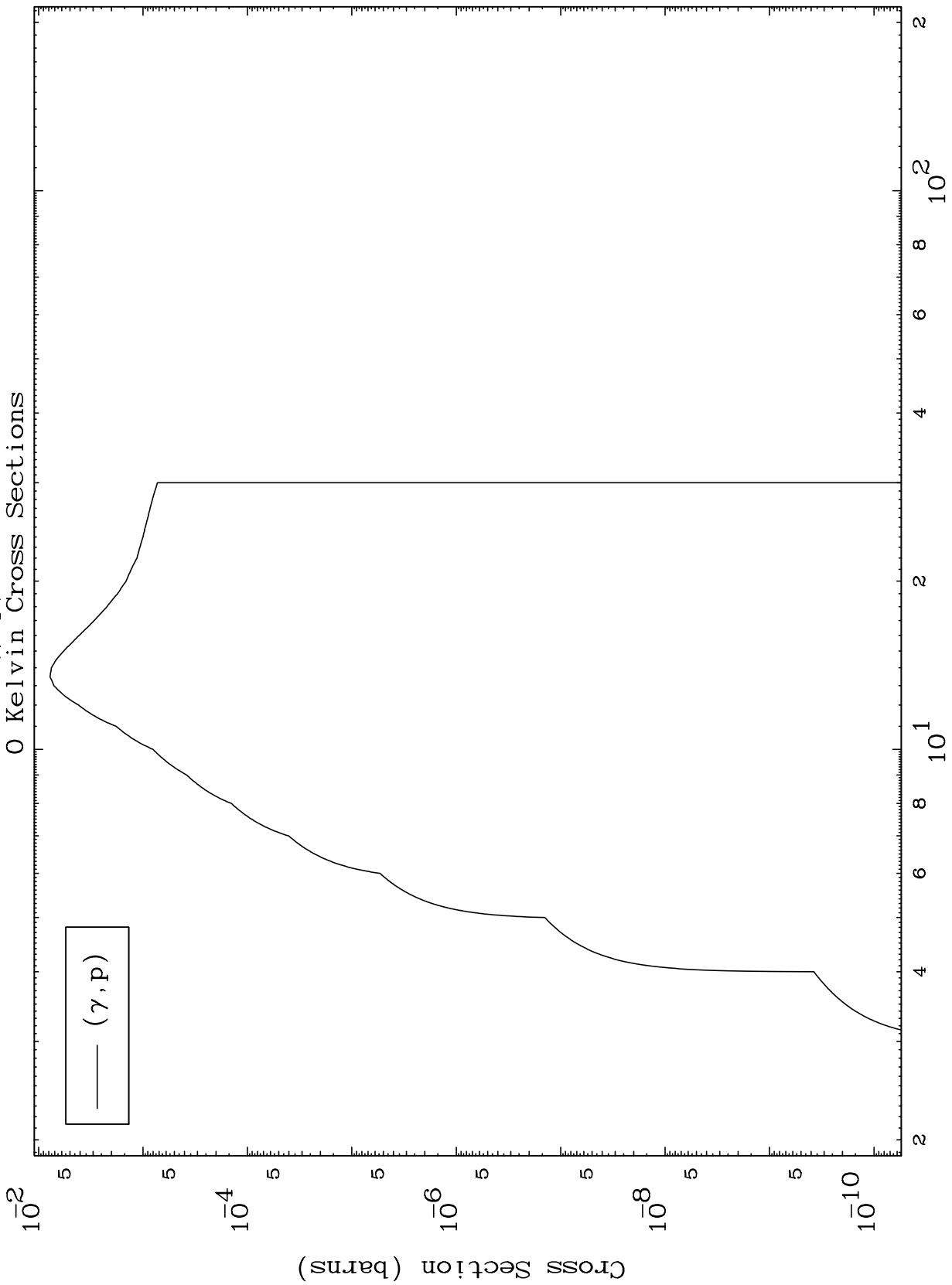
85-At-202

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MAT 85222

(γ, p) Levels

85-At-202



6

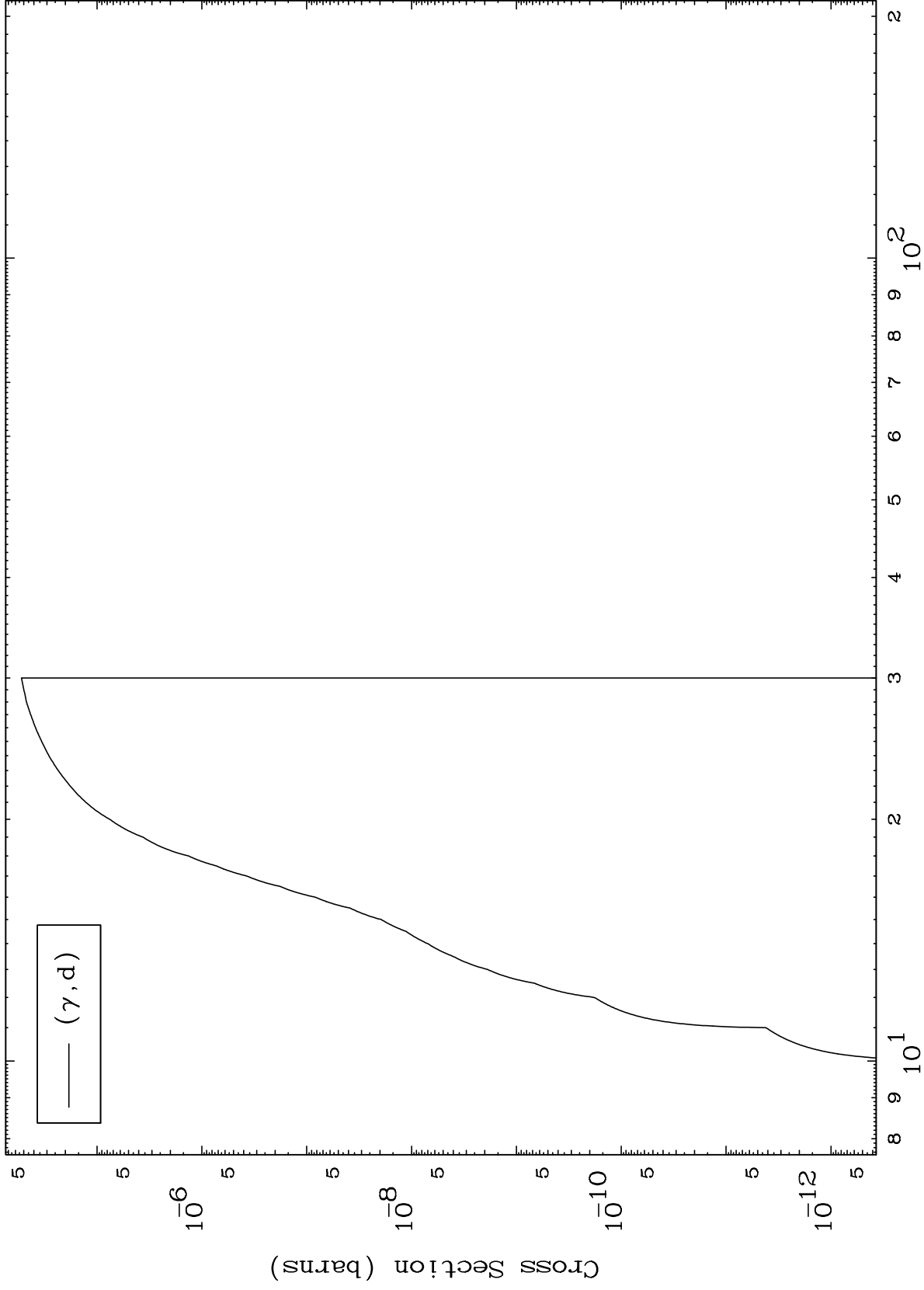
Incident Energy (MeV)

85-At-202

MAT 8522

(γ, d) Levels
0 Kelvin Cross Sections

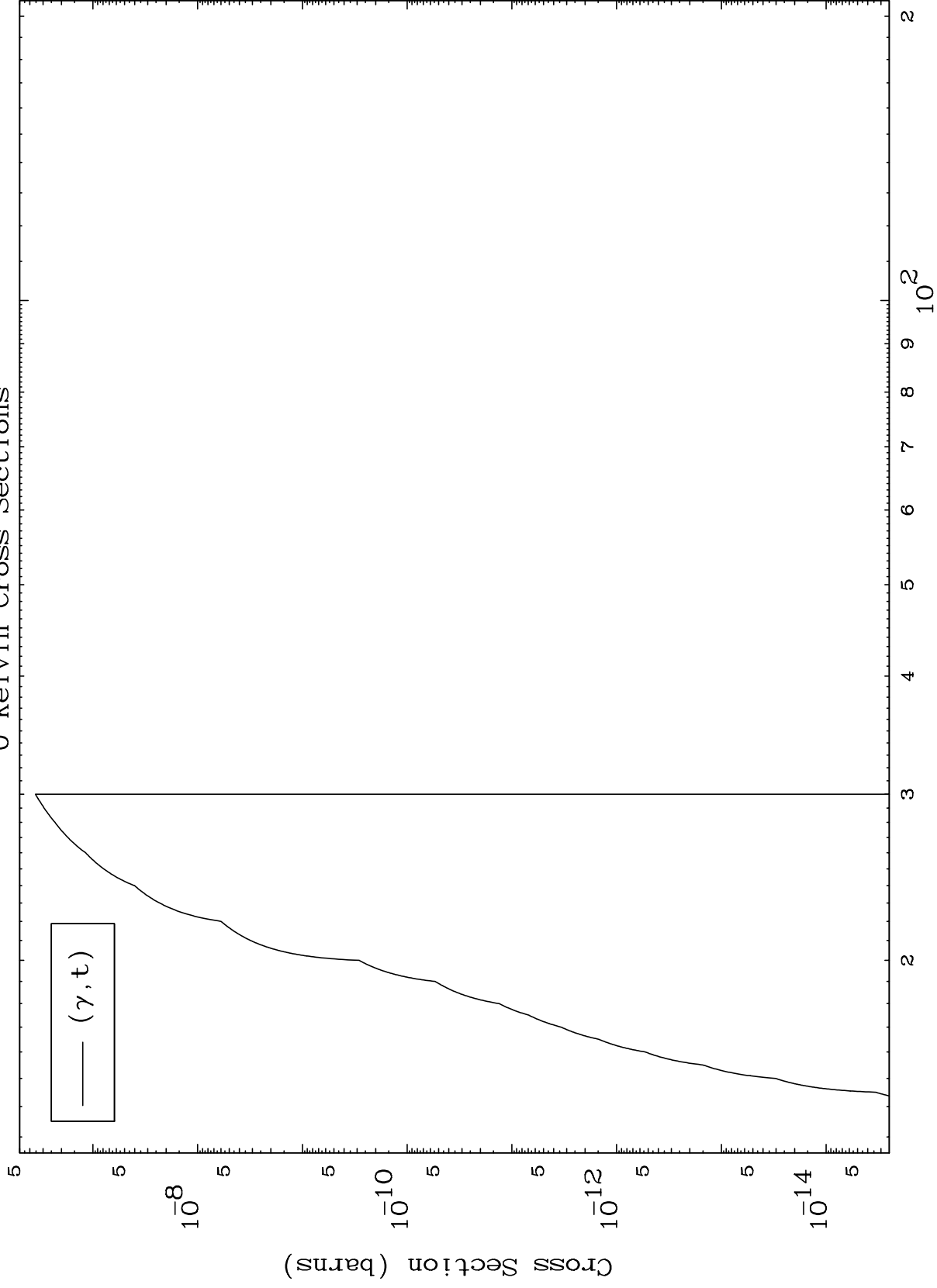
85-At-202



7

Incident Energy (MeV)

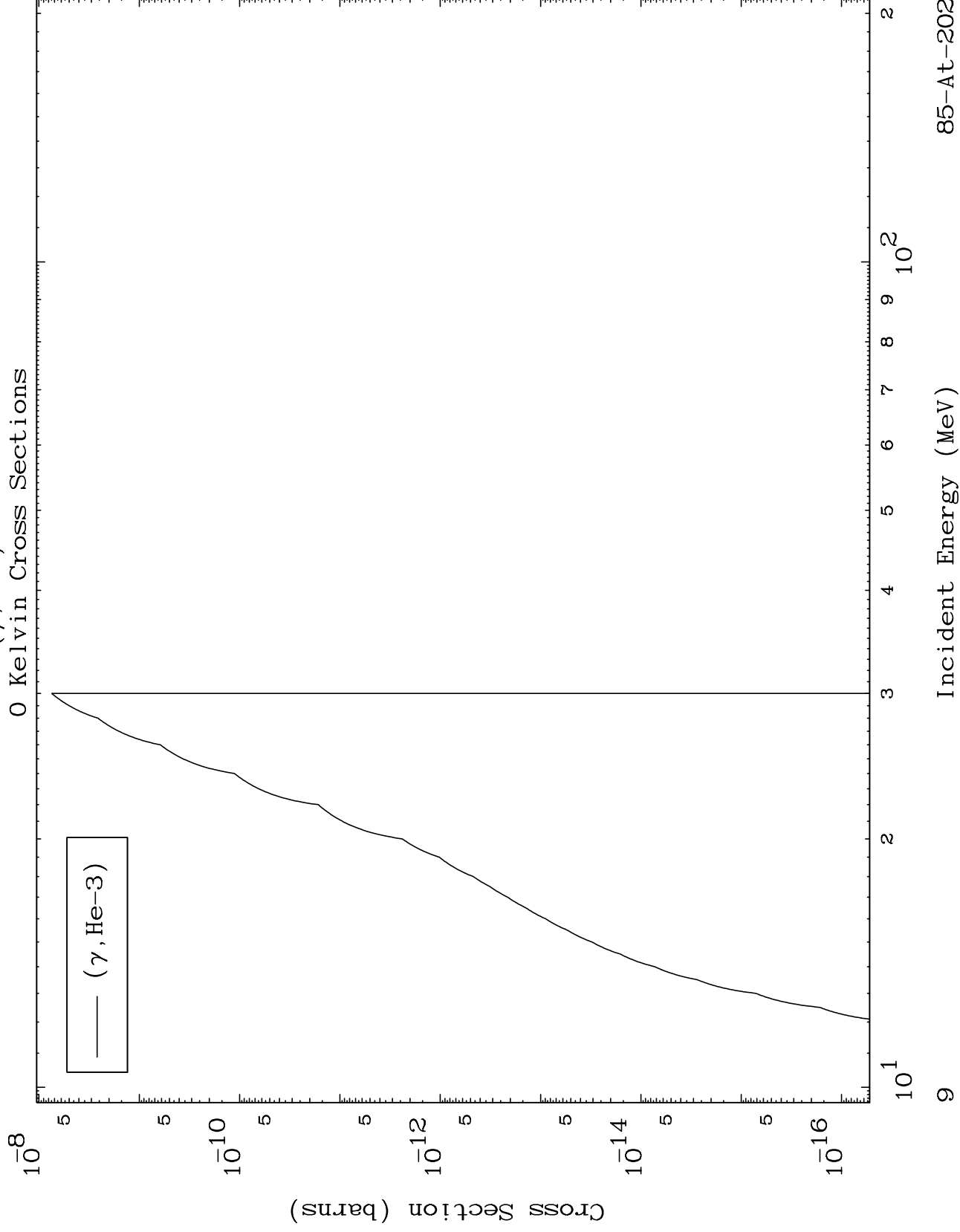
85-At-202



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

85-At-202



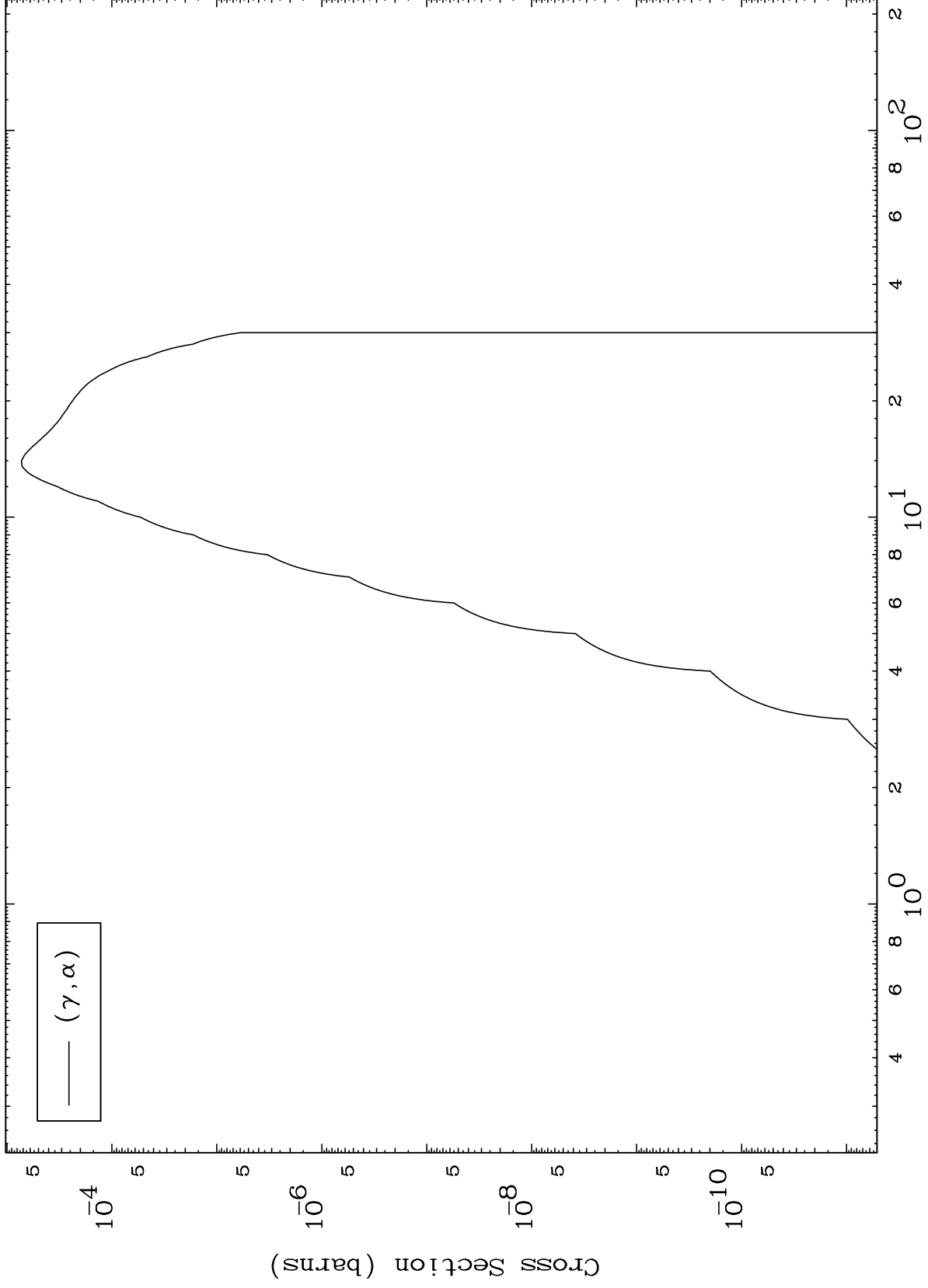
Incident Energy (MeV)

85-At-202

MAT 8522

(γ, α) Levels
0 Kelvin Cross Sections

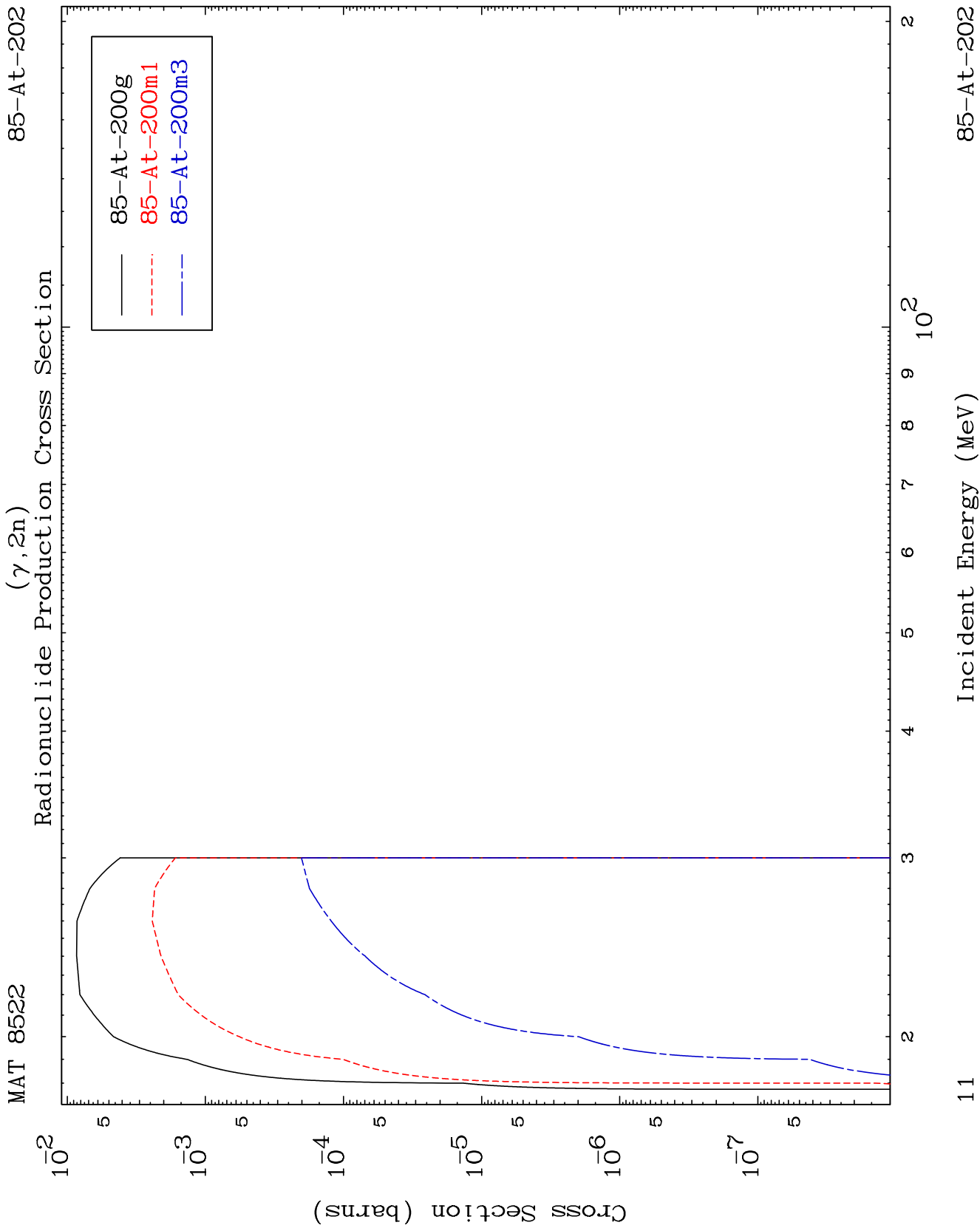
85-At-202



10

Incident Energy (MeV)

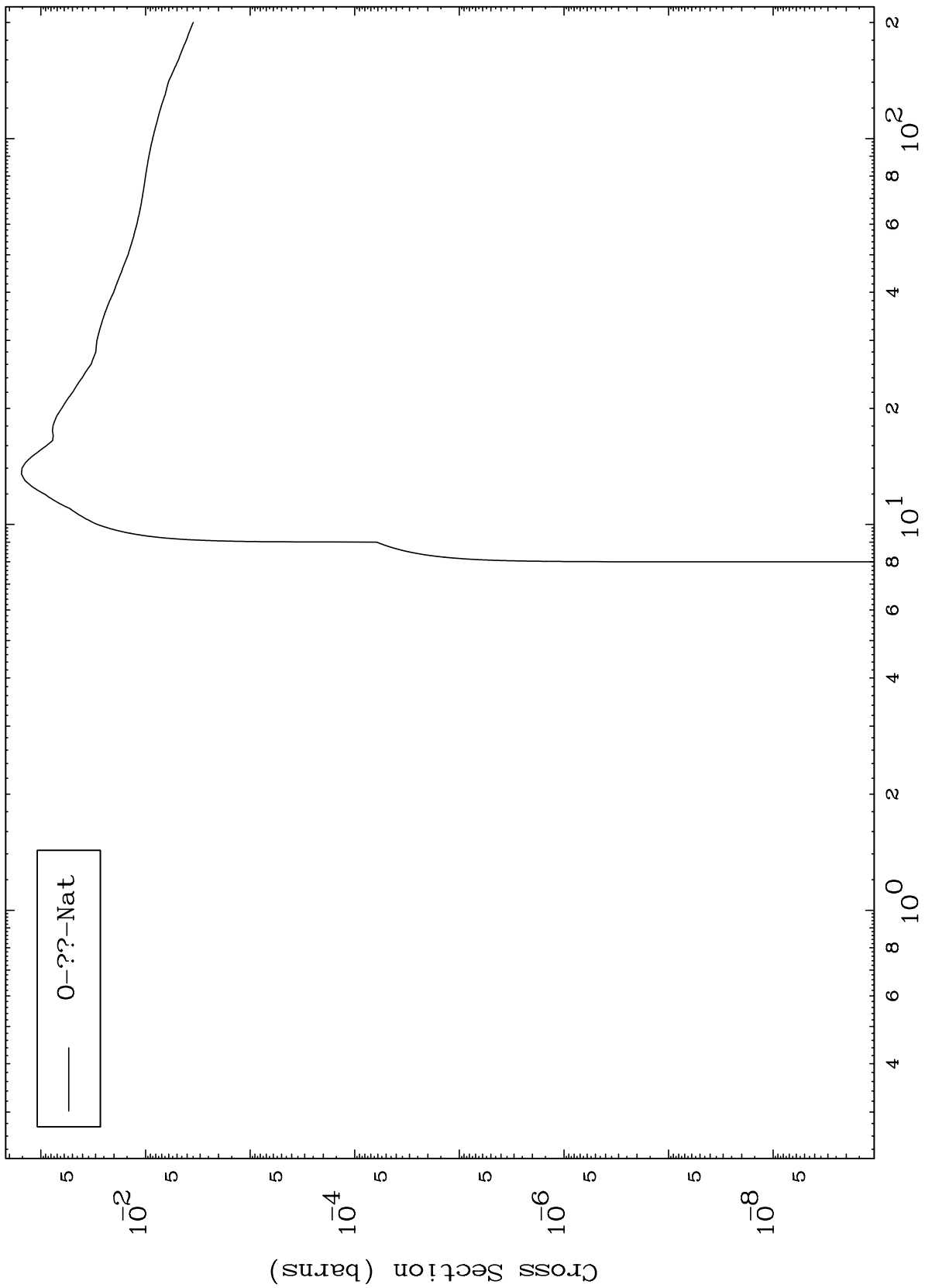
85-At-202



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85-At-202

Photon Fission
Radionuclide Production Cross Section

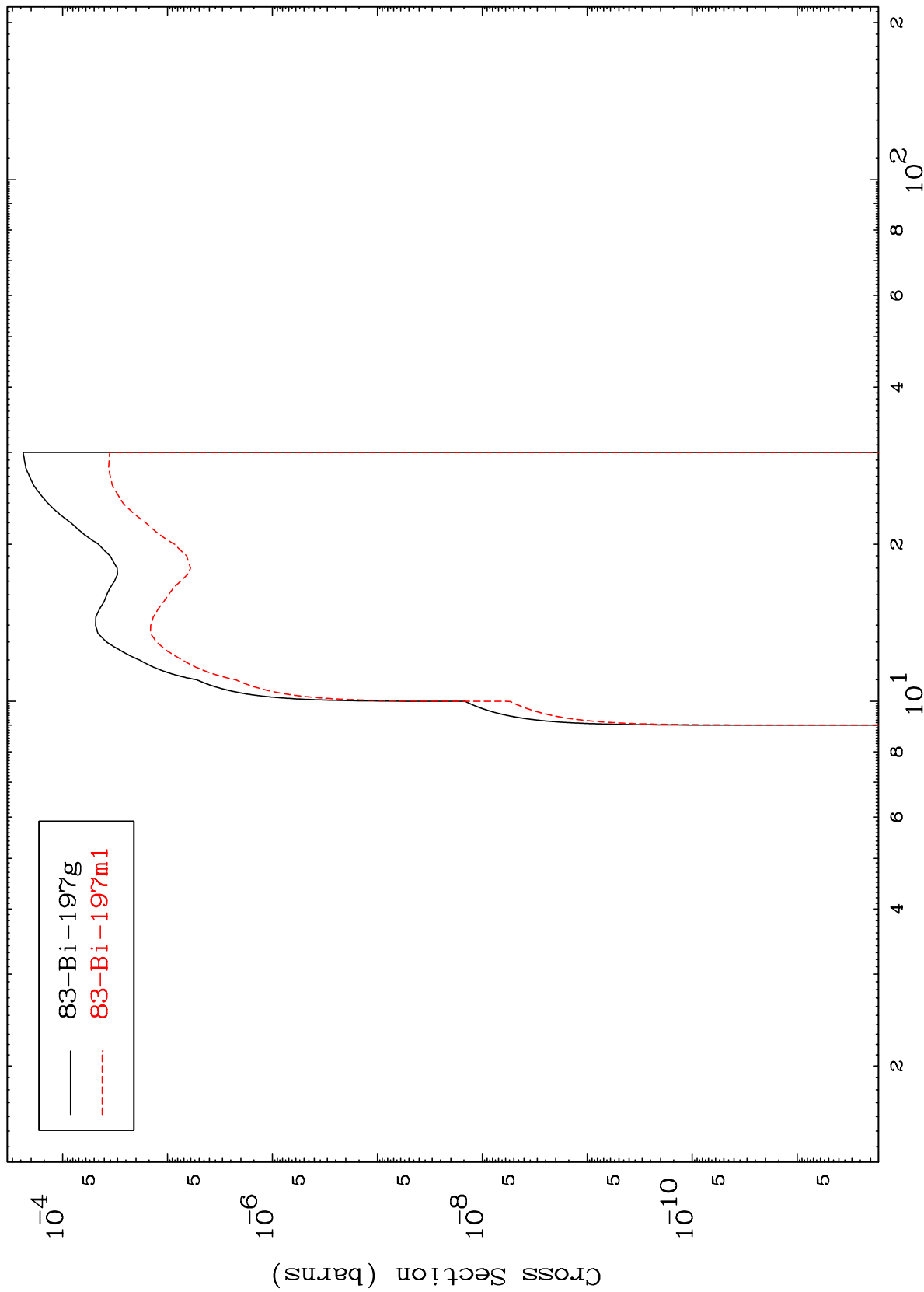


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(γ, n') α

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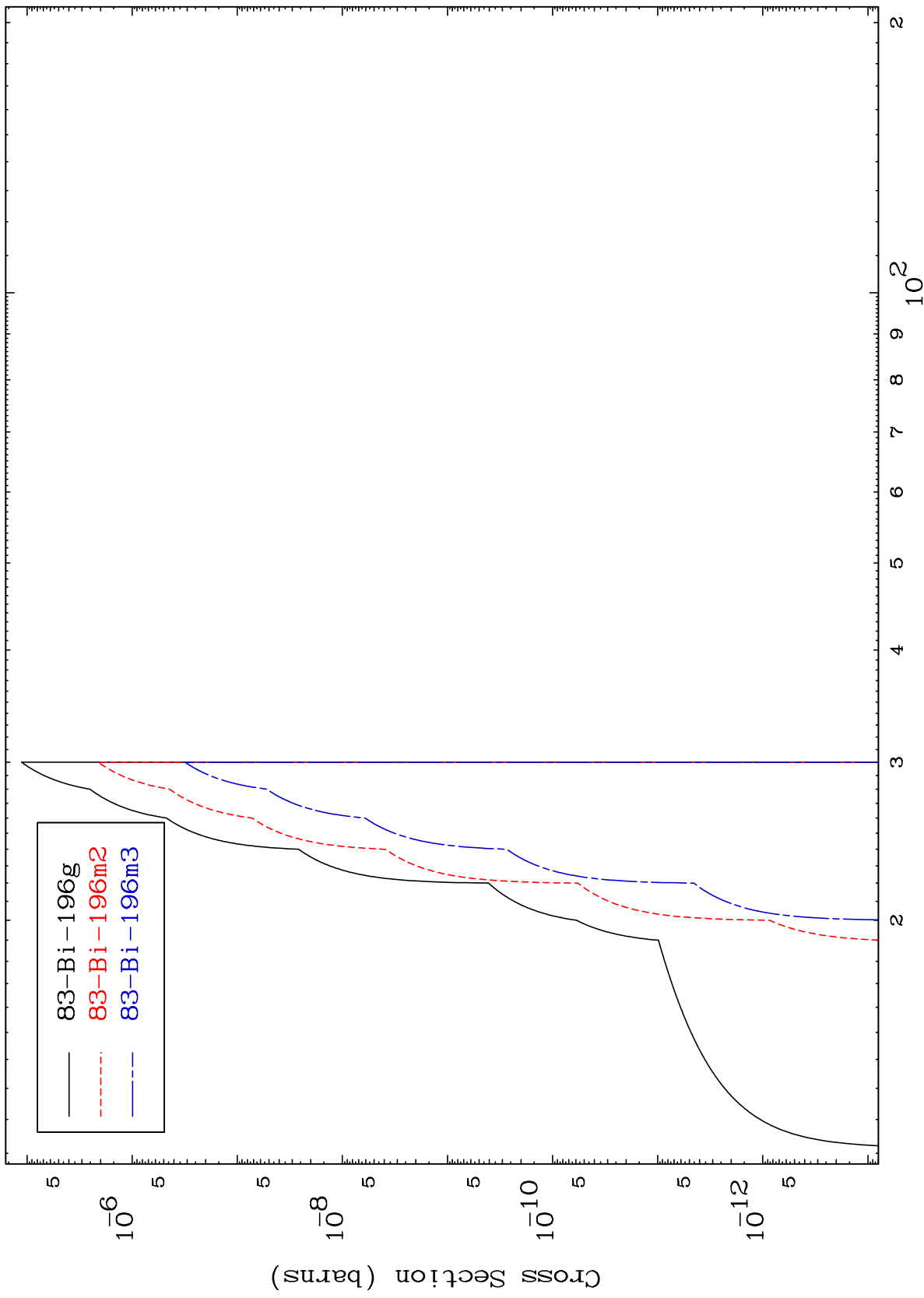
Radionuclide Production Cross Section



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85-At-202

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



85-At-202

Incident Energy (MeV)

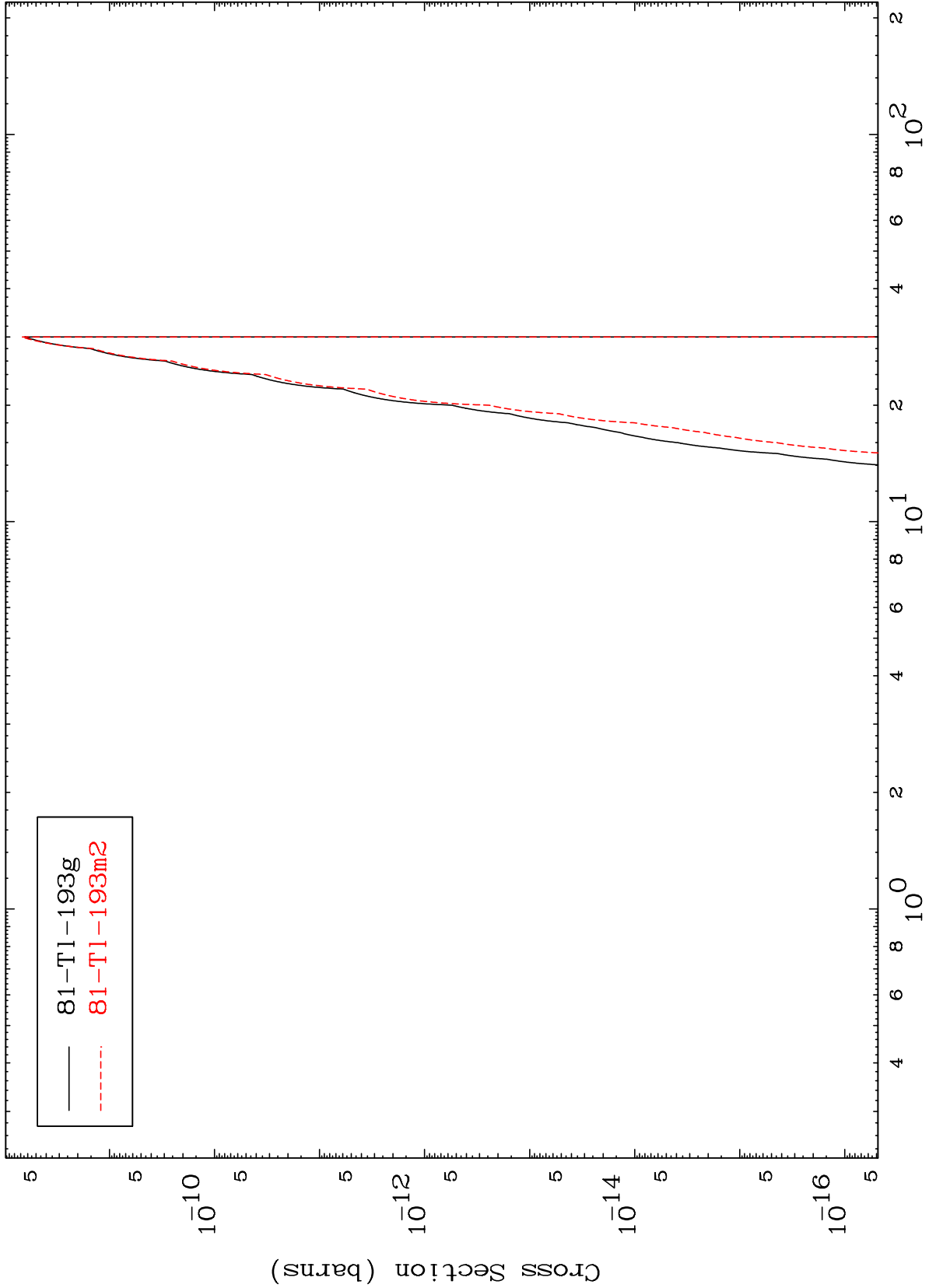
14

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(γ, n') 2α

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Radionuclide Production Cross Section

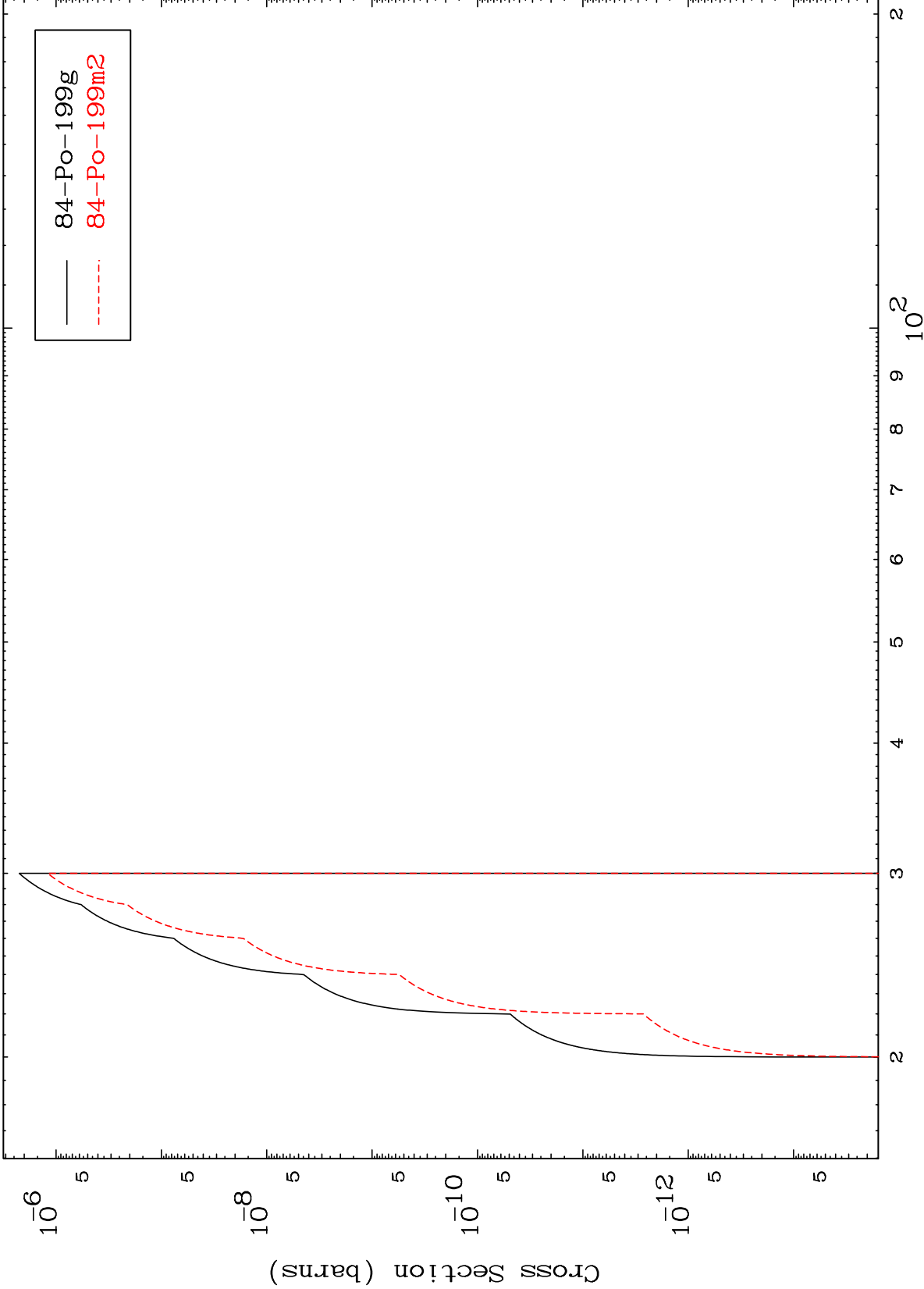


15

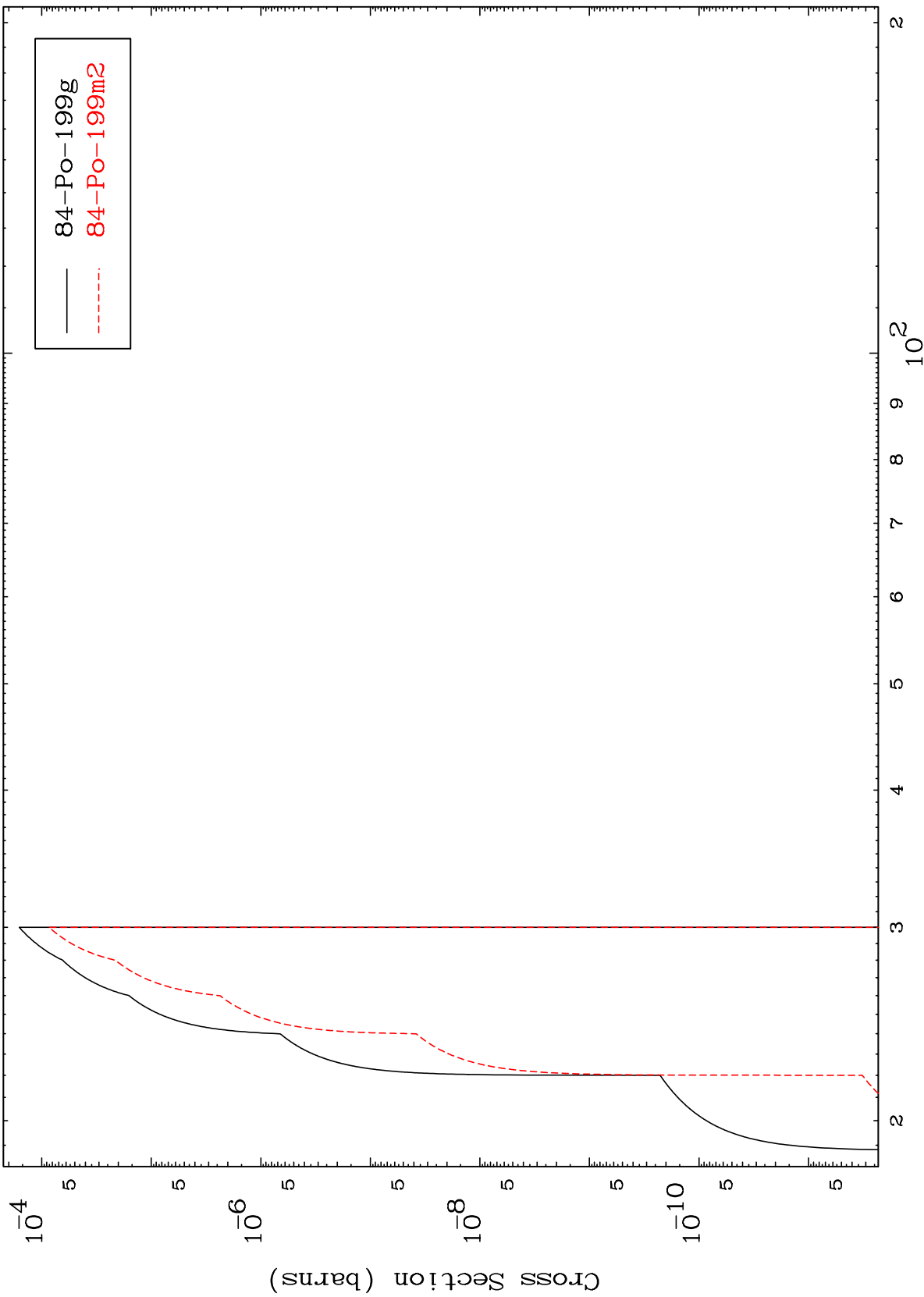
Incident Energy (MeV)

85-At-202

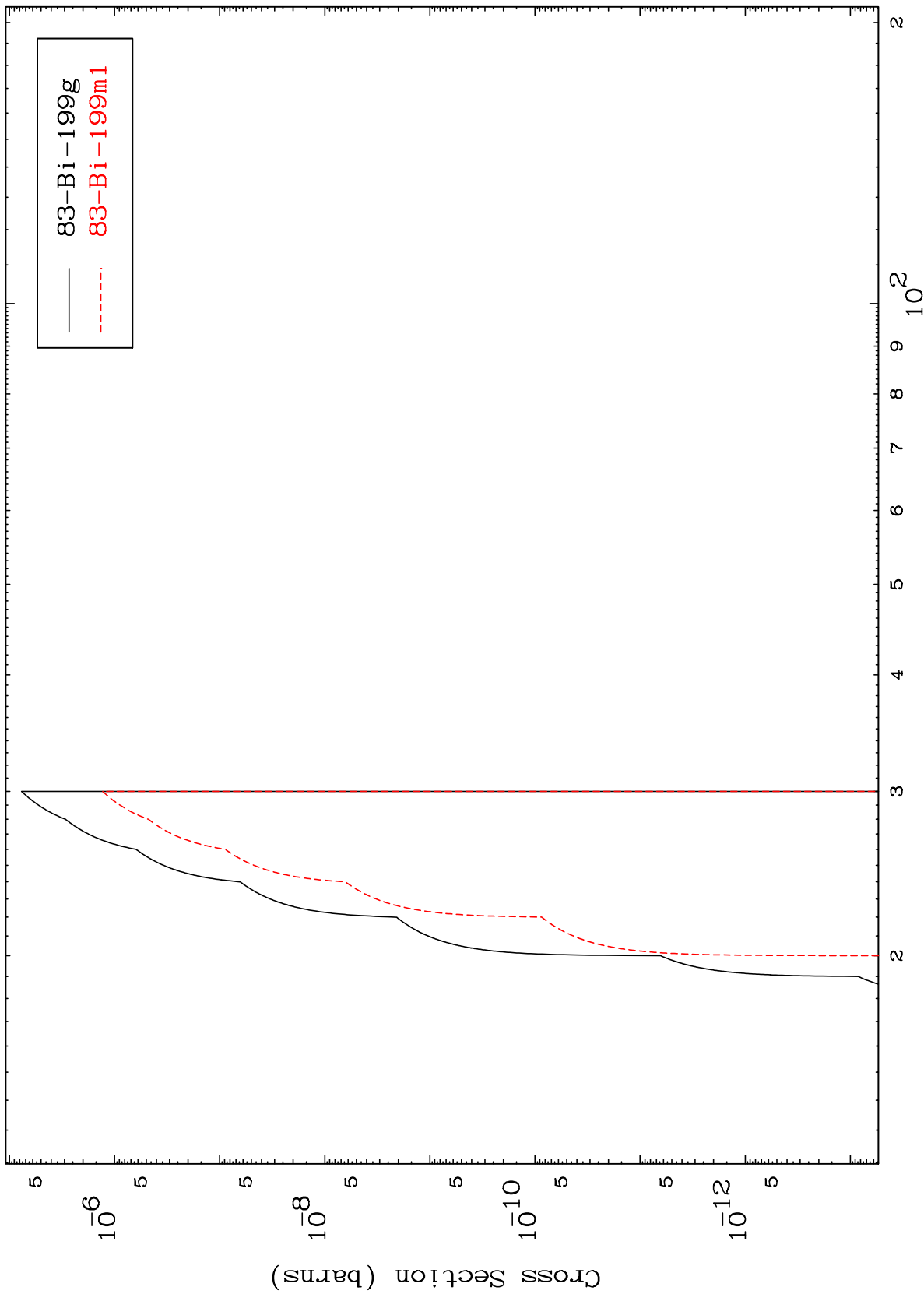
Radionuclide Production Cross Section



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



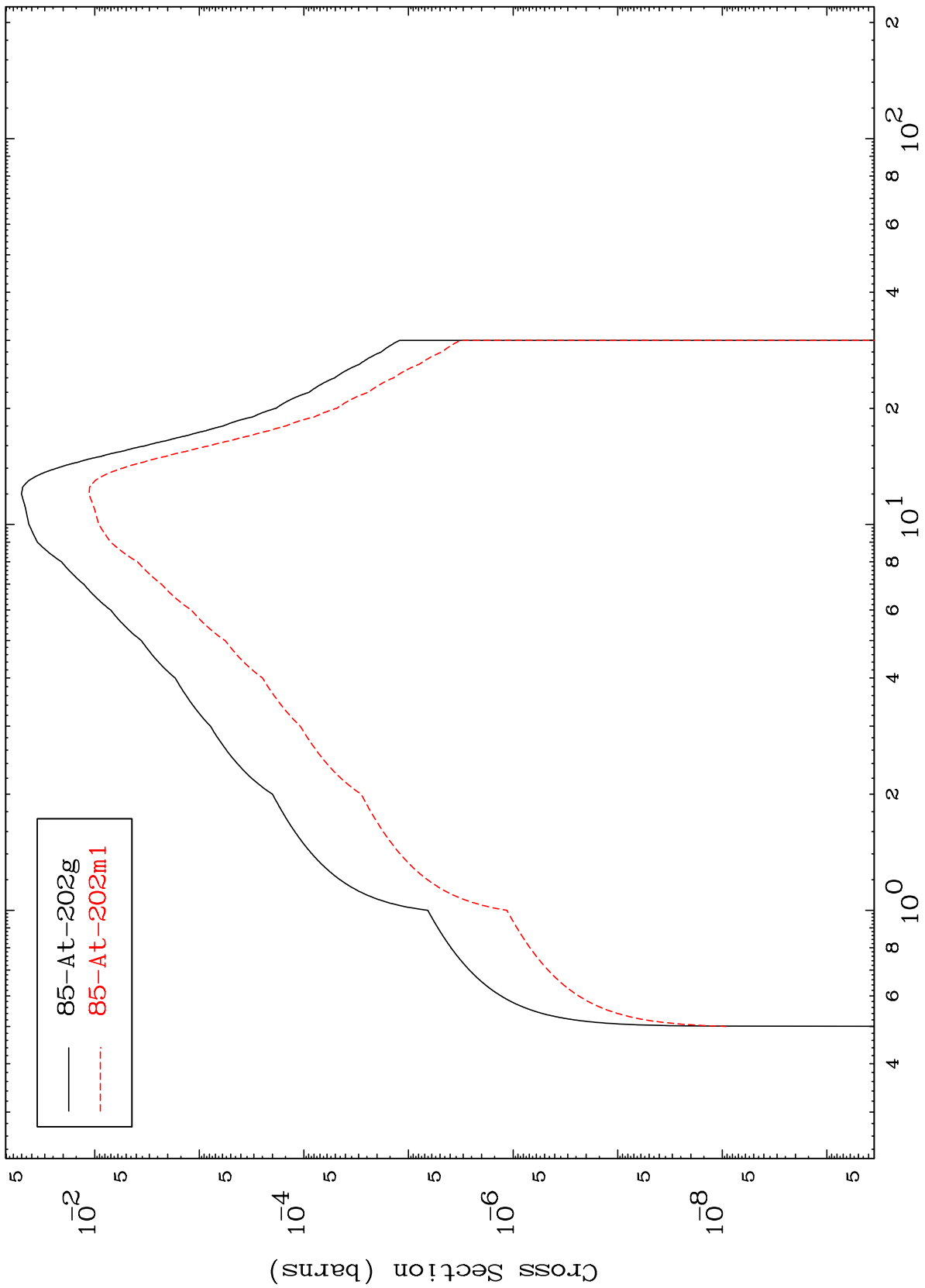
$(\gamma, 2n)$ p
Radionuclide Production Cross Section



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(γ, γ)
Radionuclide Production Cross Section



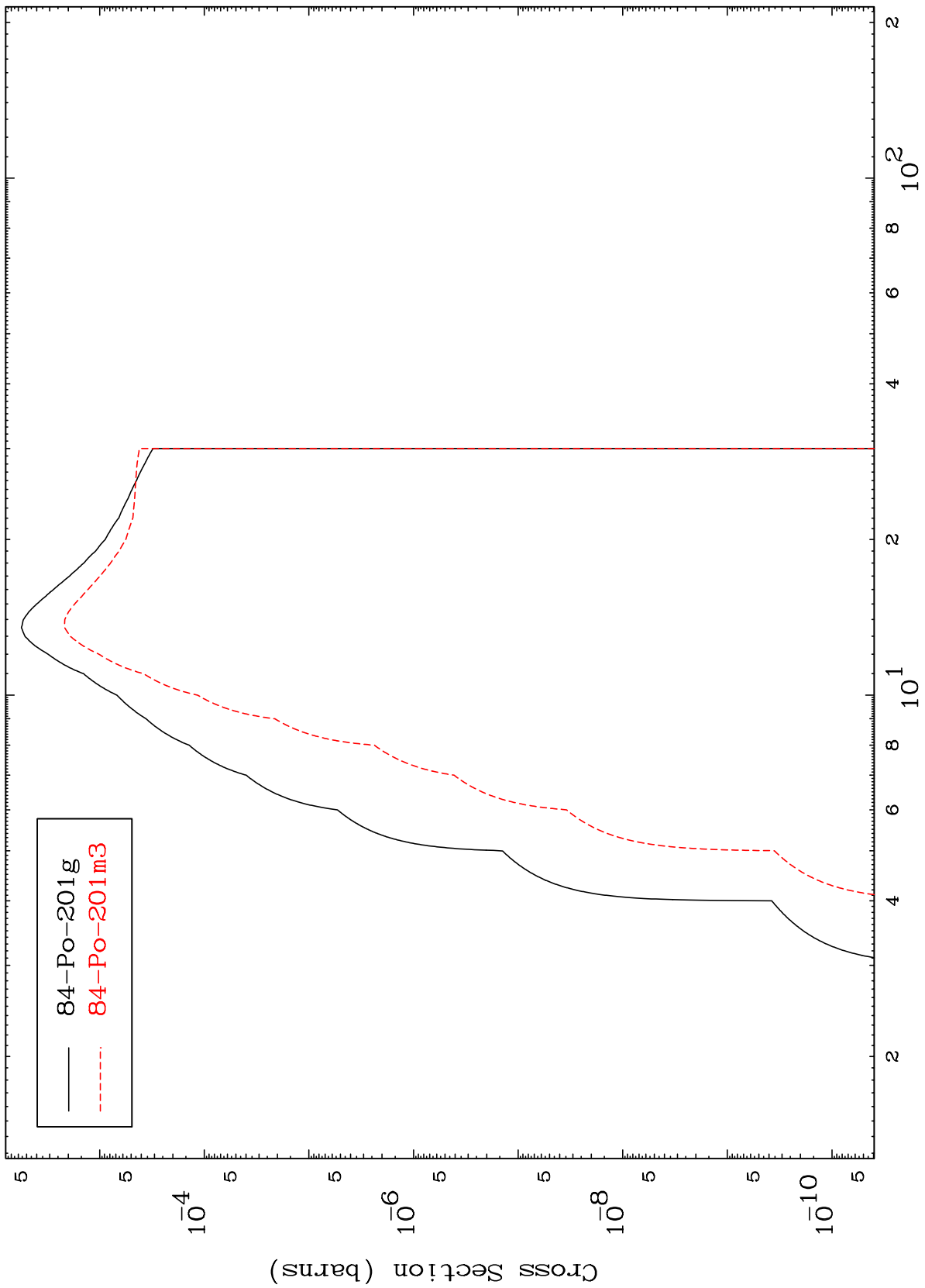
85-At-202g
85-At-202m1

85-At-202

Incident Energy (MeV)

19

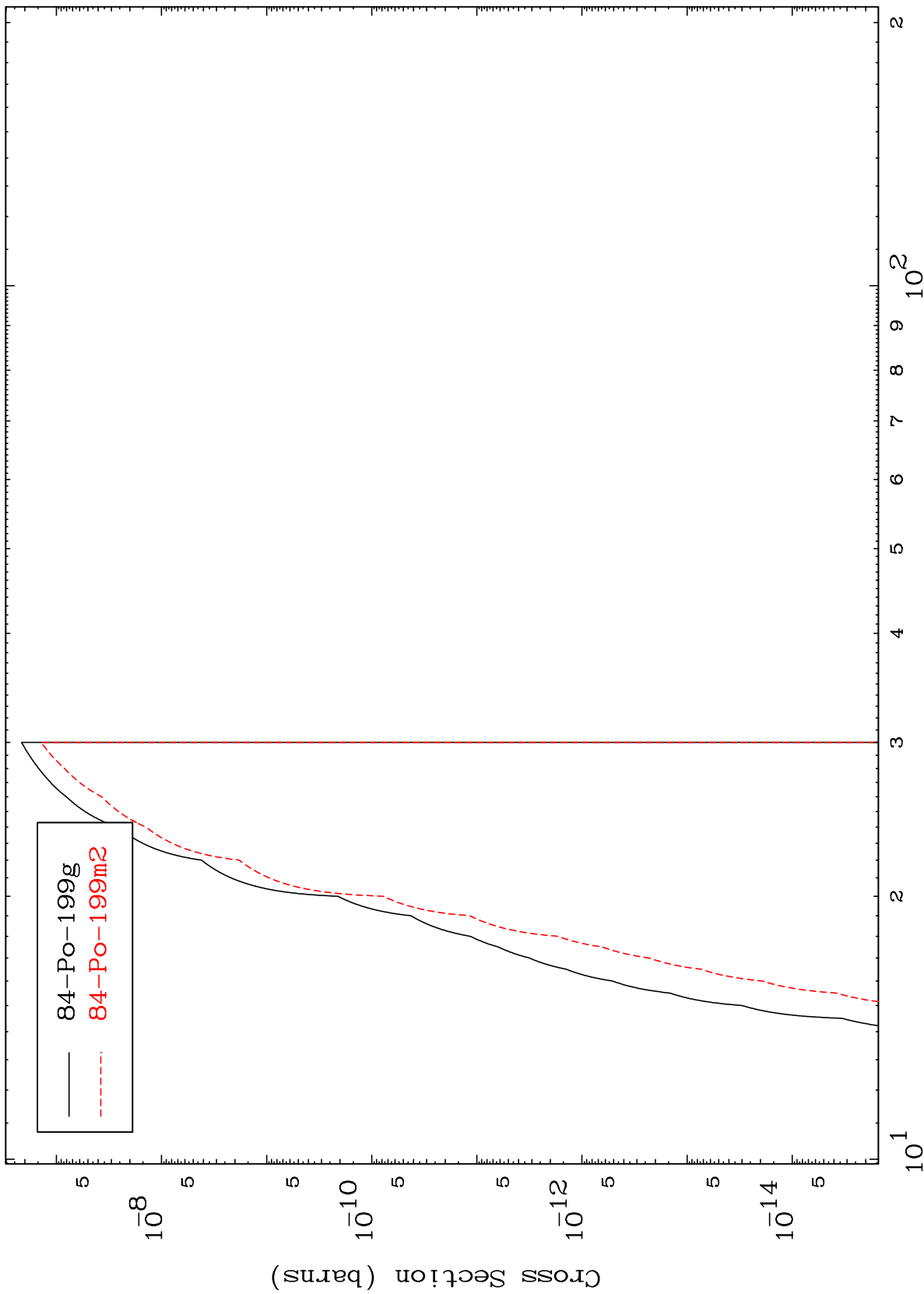
Radionuclide Production Cross Section
(γ, p)



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85-At-202

(γ, t)
Radionuclide Production Cross Section

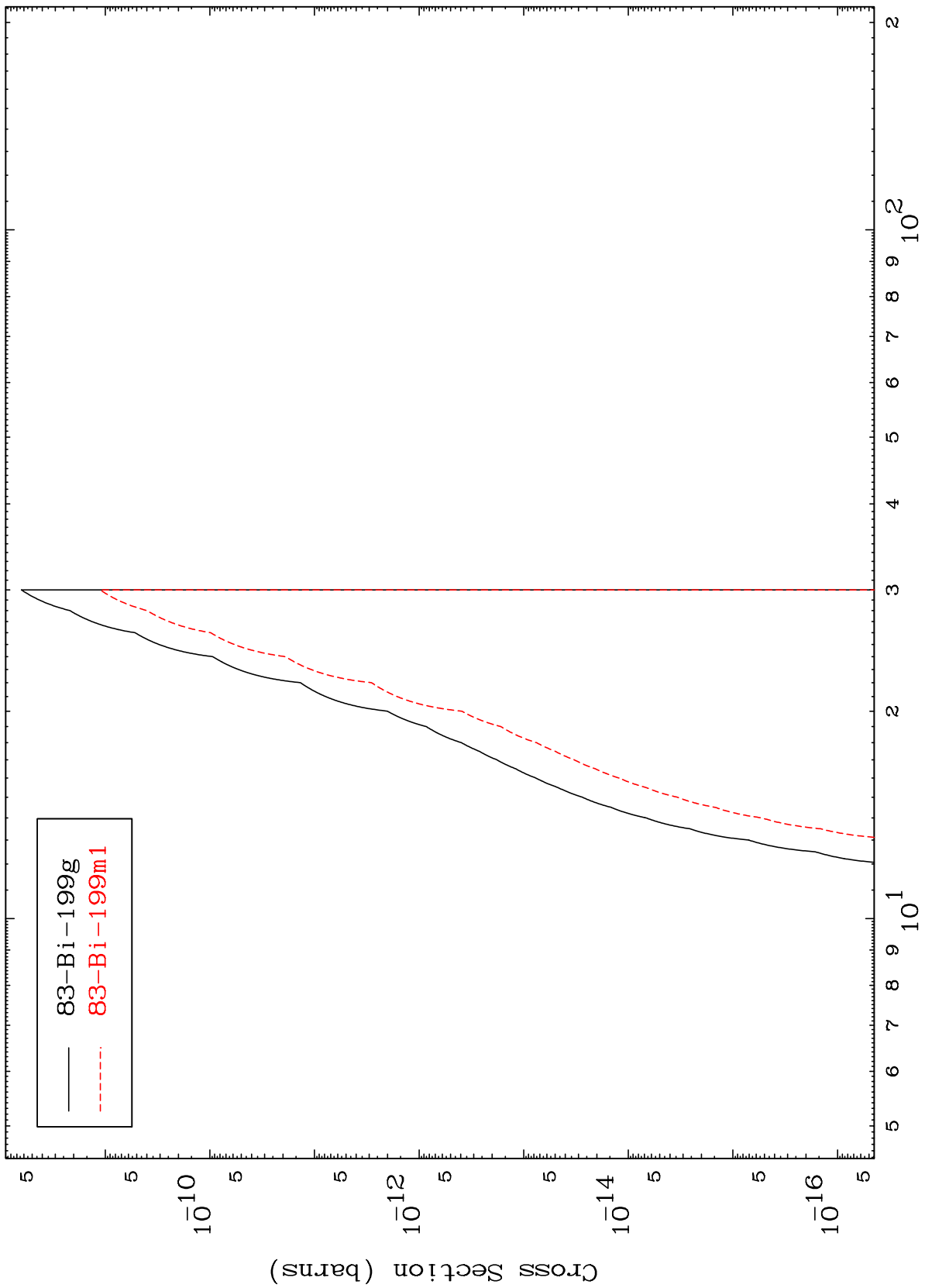


85-At-202

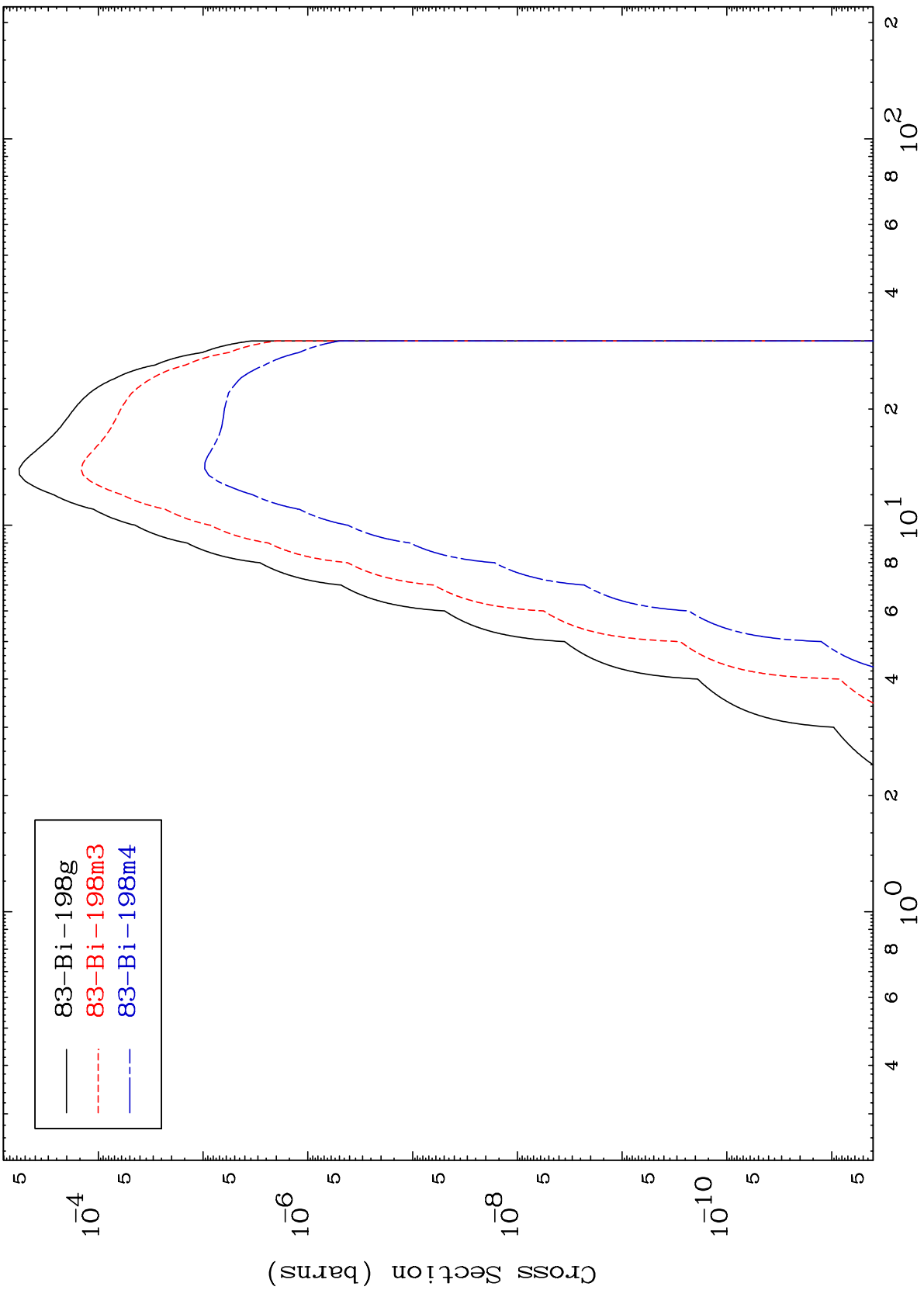
Incident Energy (MeV)

21

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



Radionuclide Production Cross Section (γ, α)

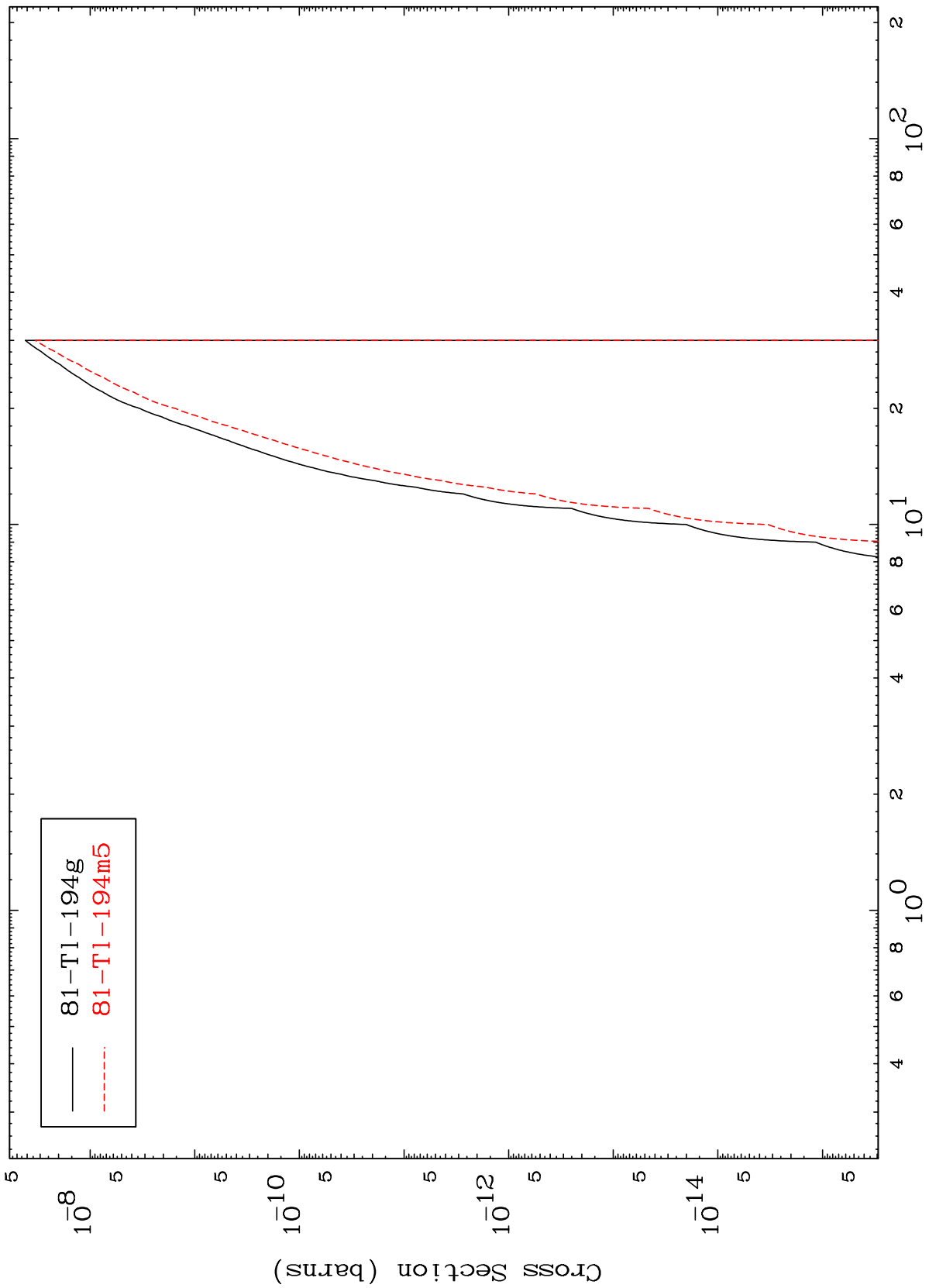


83-Bi-198g
83-Bi-198m3
83-Bi-198m4

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85-At-202

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



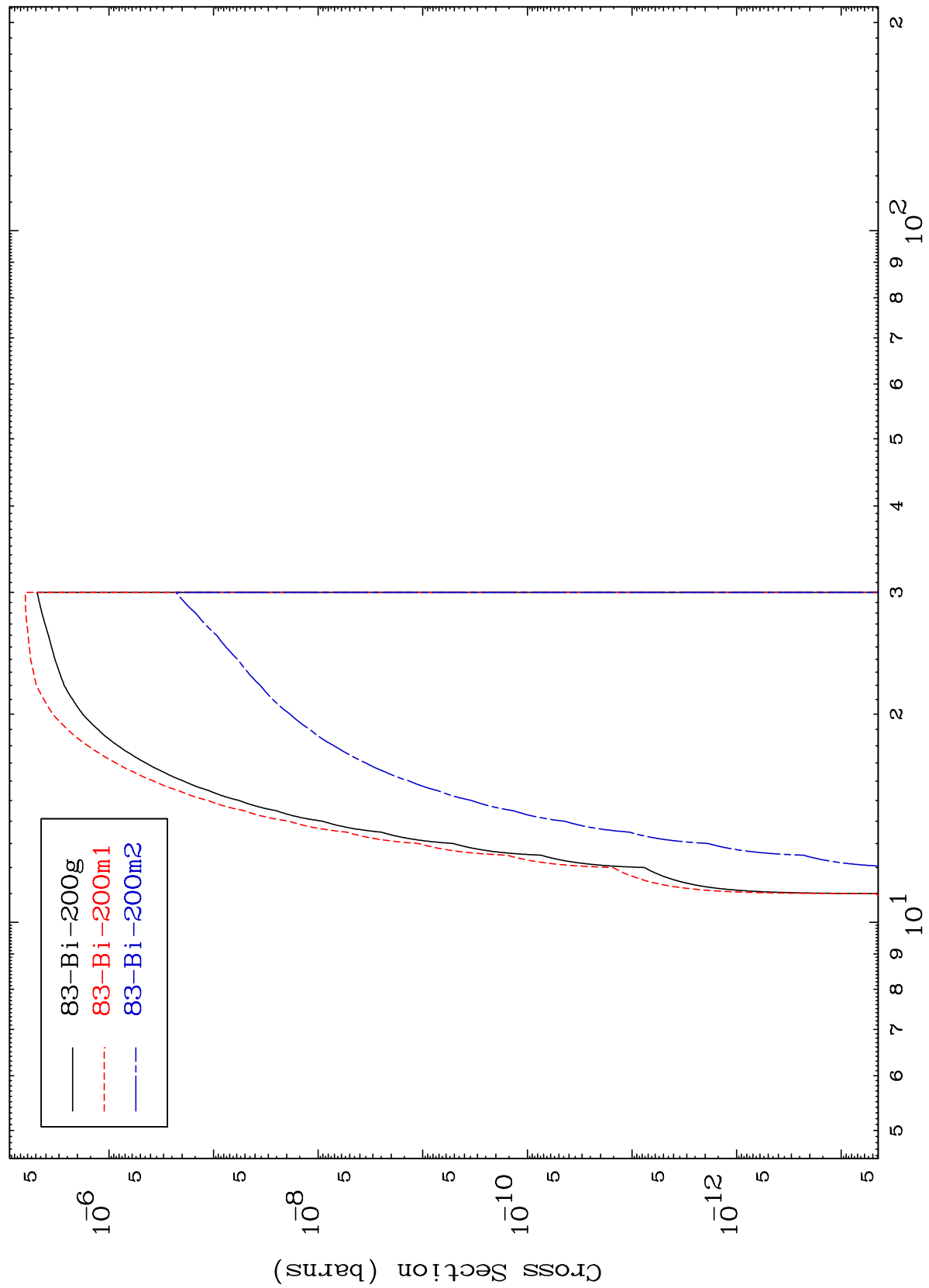
81-Tl-194g
81-Tl-194m5

24

Incident Energy (MeV)

85-At-202

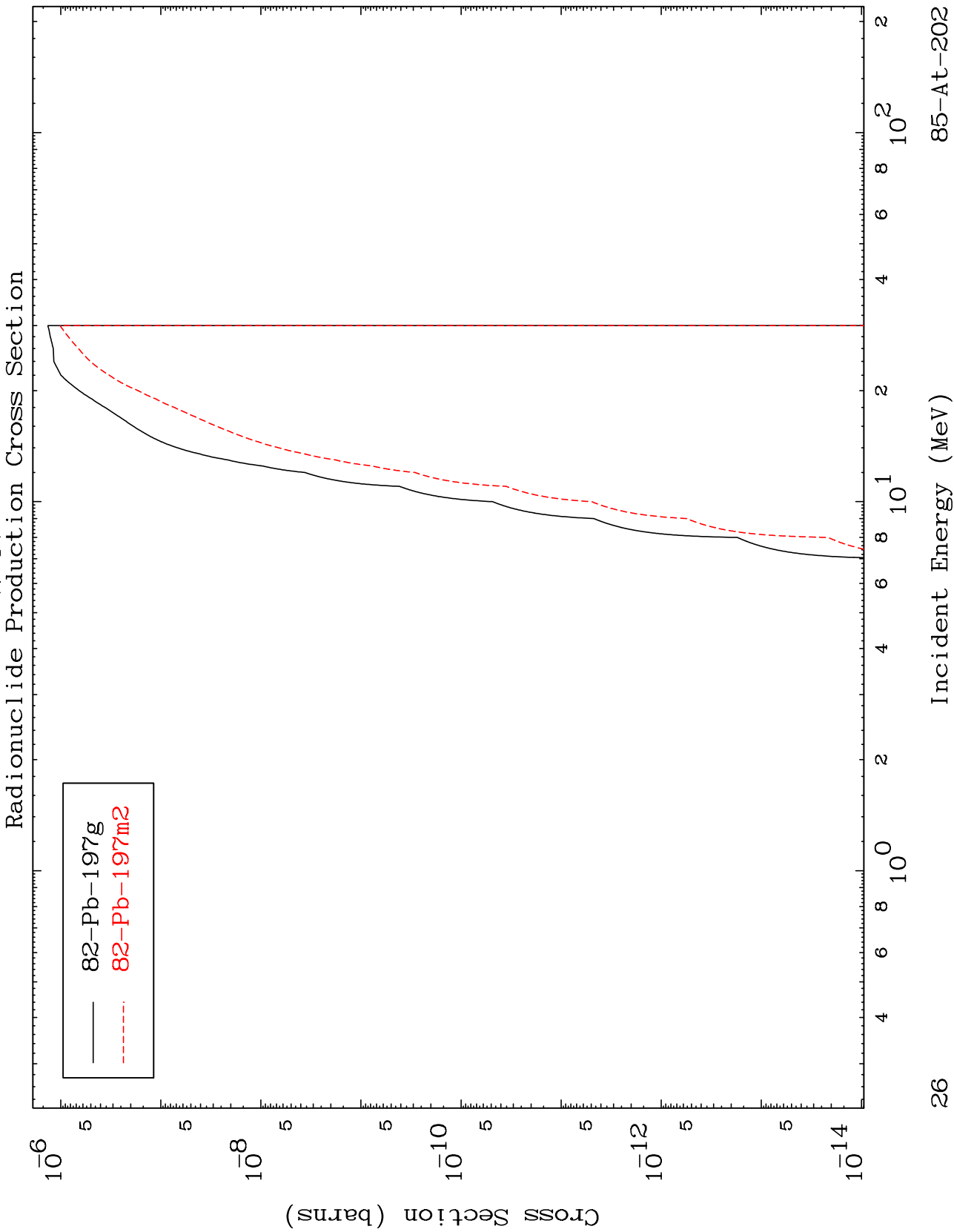
($\gamma, 2p$)
Radionuclide Production Cross Section



MAT 8522

(γ, p) α

85-At-202

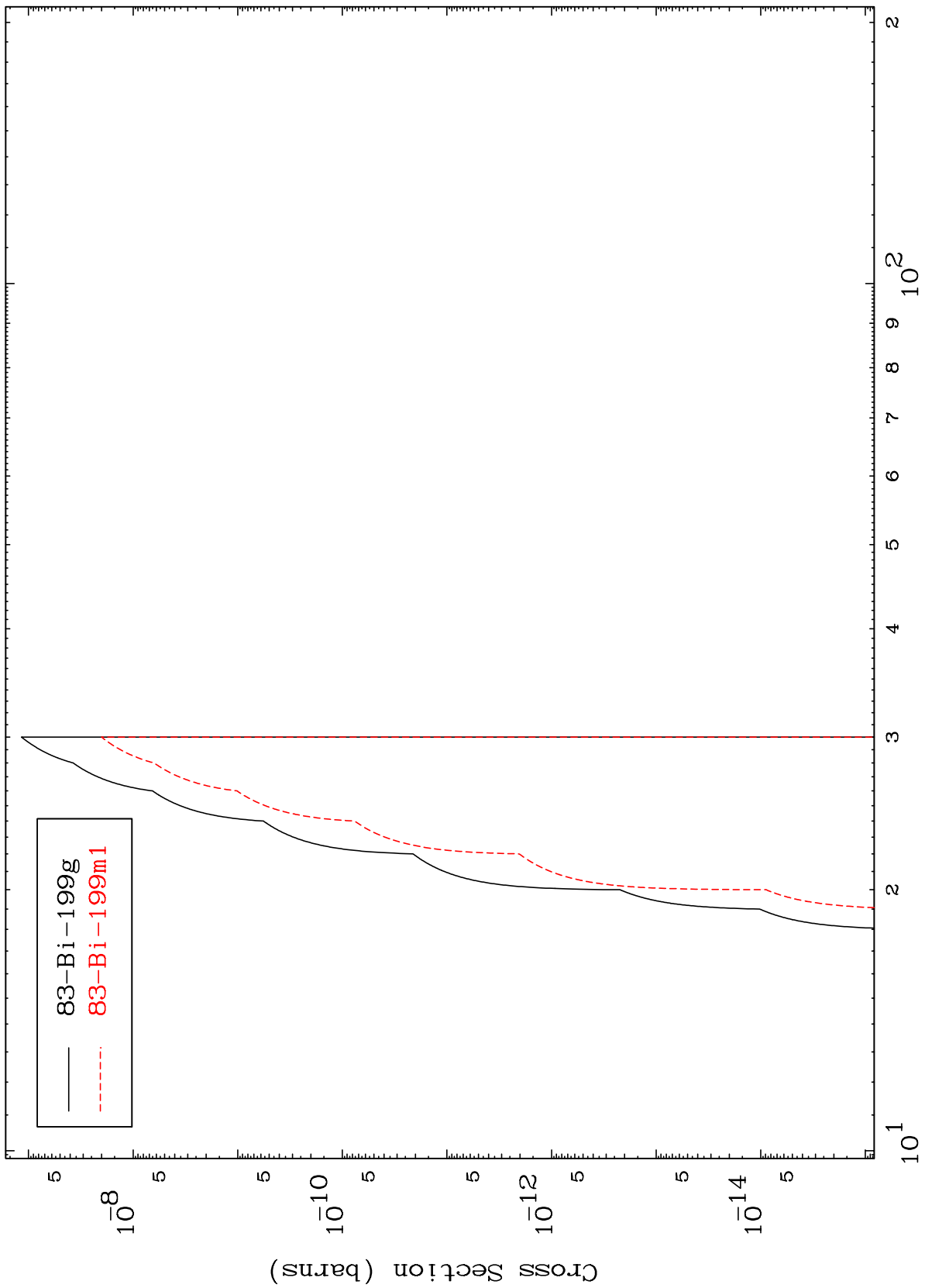


MAT 8522

(γ, p) d

85-At-202

Radionuclide Production Cross Section



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Incident Energy (MeV)

85-At-202