

Program EVALPLOT
(Version 2018-1)

by

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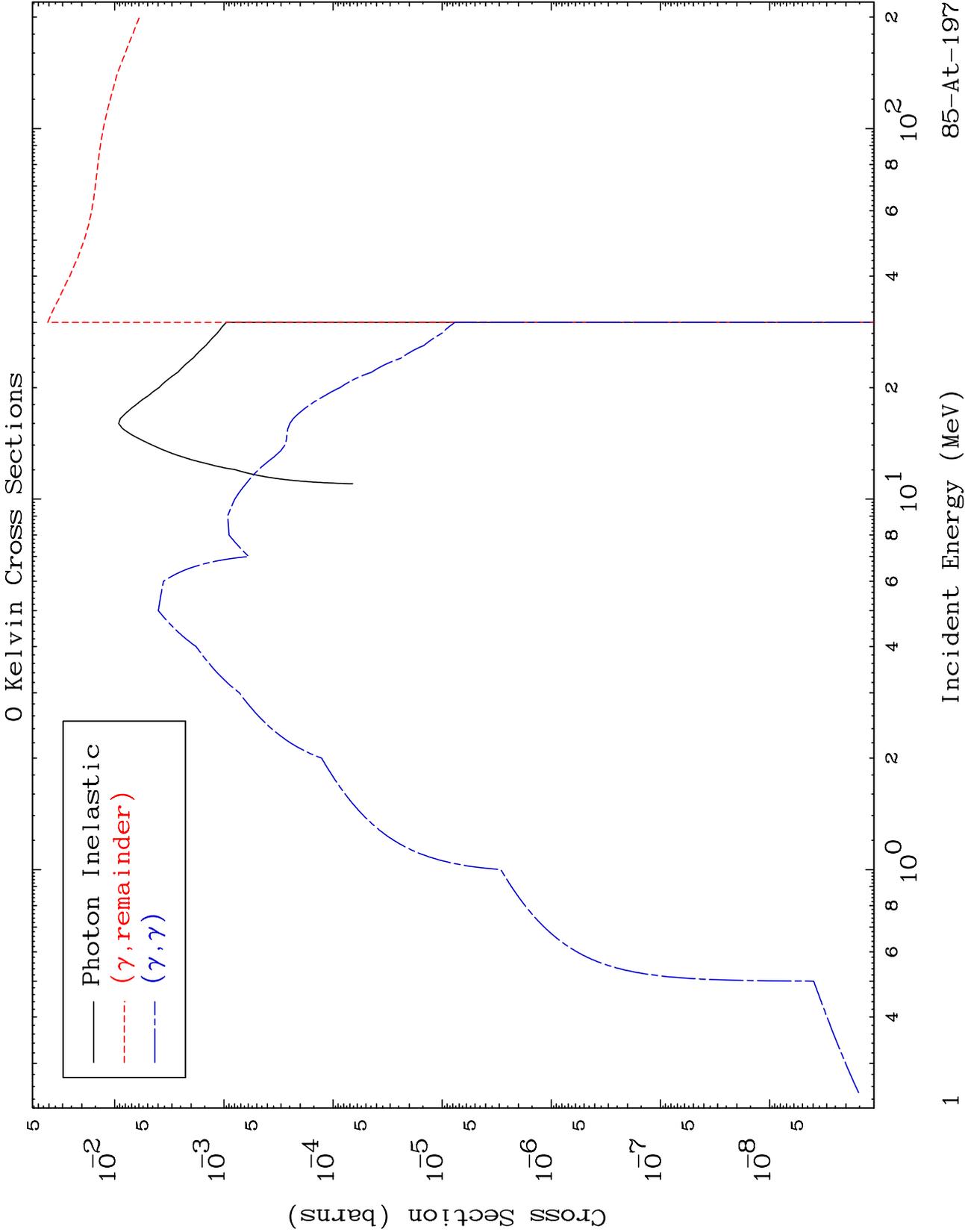
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Press Mouse Button to Start

MAT 8508

Photon Major

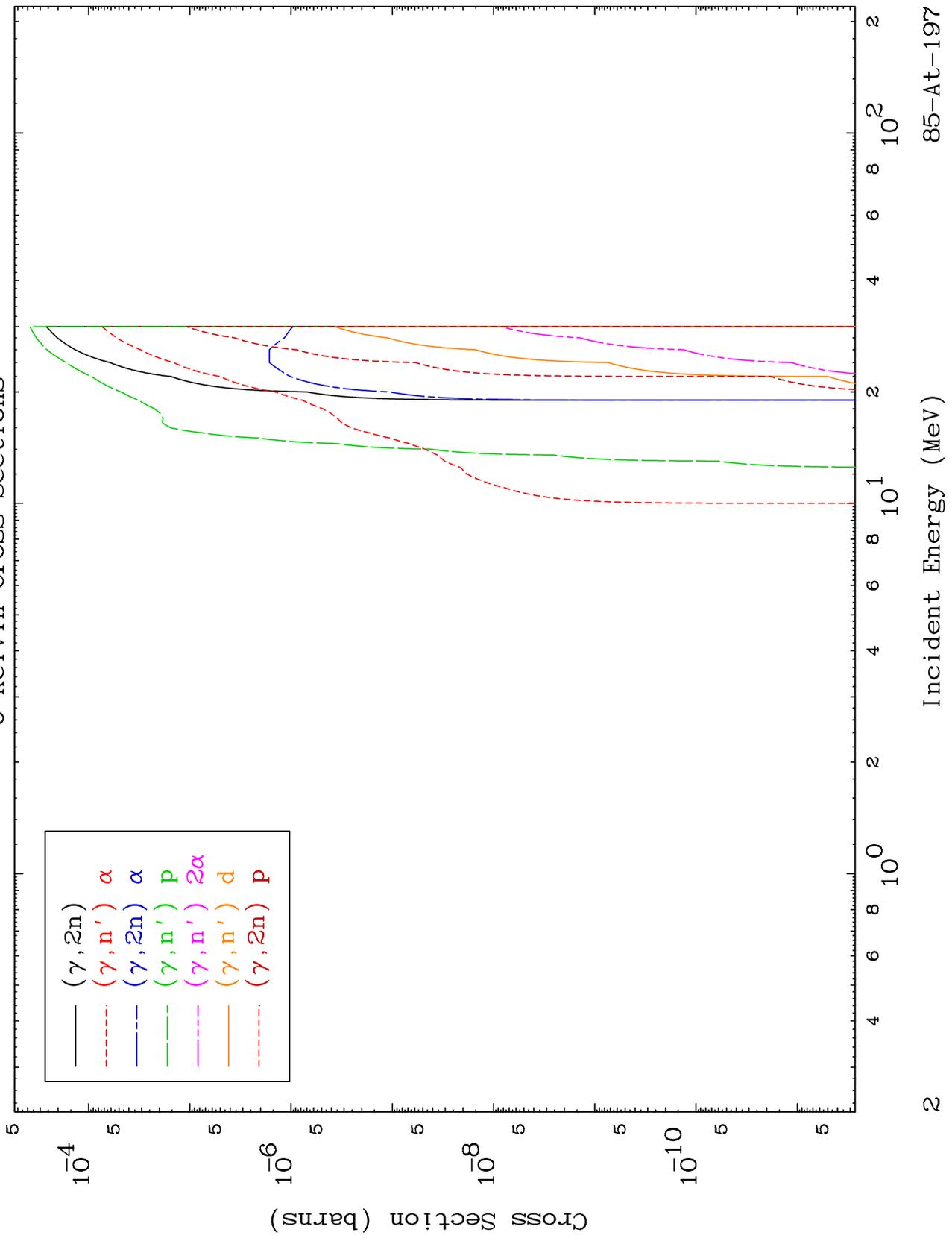
85-At-197



MAT 8508

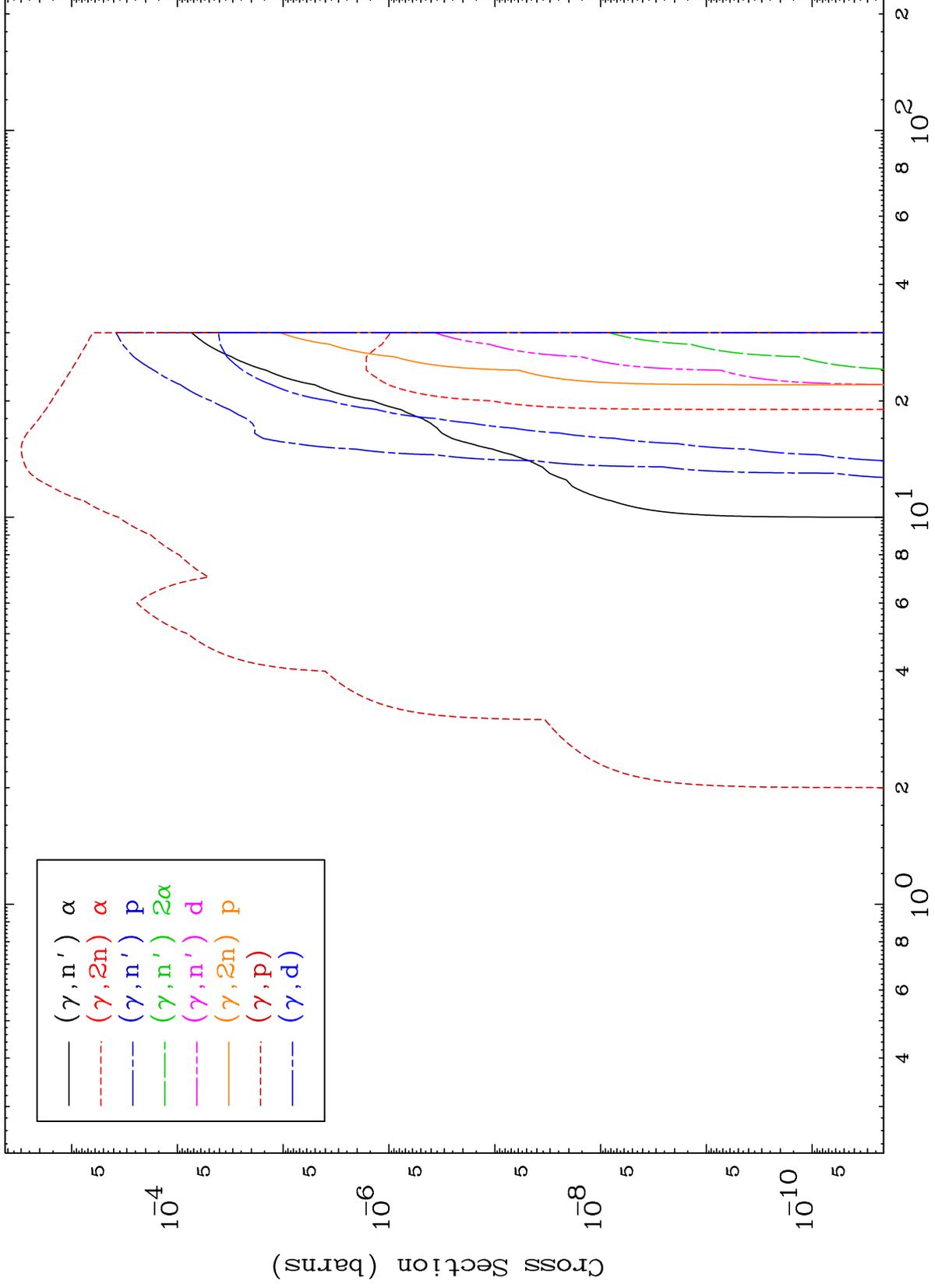
Photon Neutron Production
0 Kelvin Cross Sections

85-At-197



85-At-197

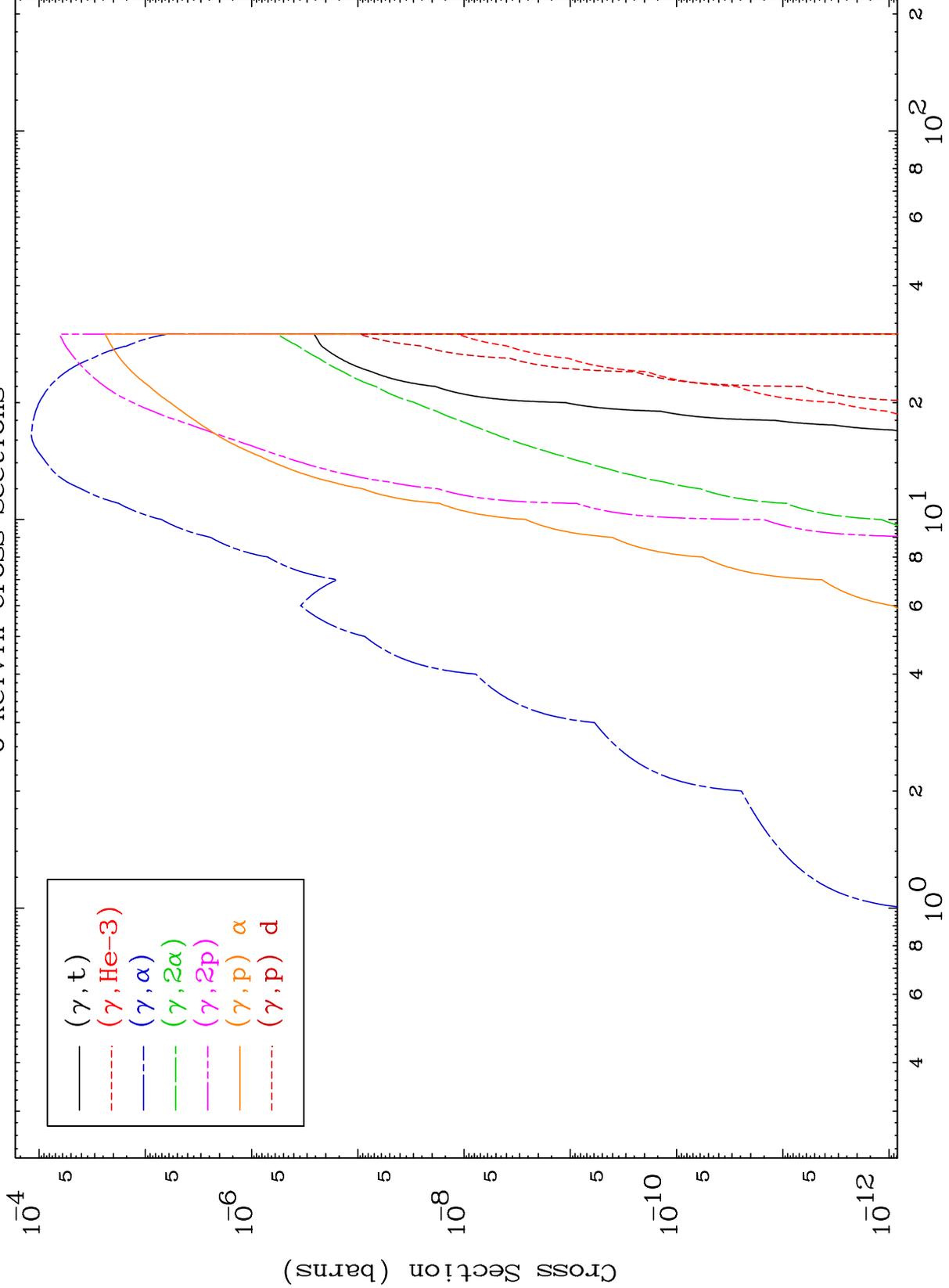
Incident Energy (MeV)



MAT 8508

Photon Charged Particle
0 Kelvin Cross Sections

85-At-197



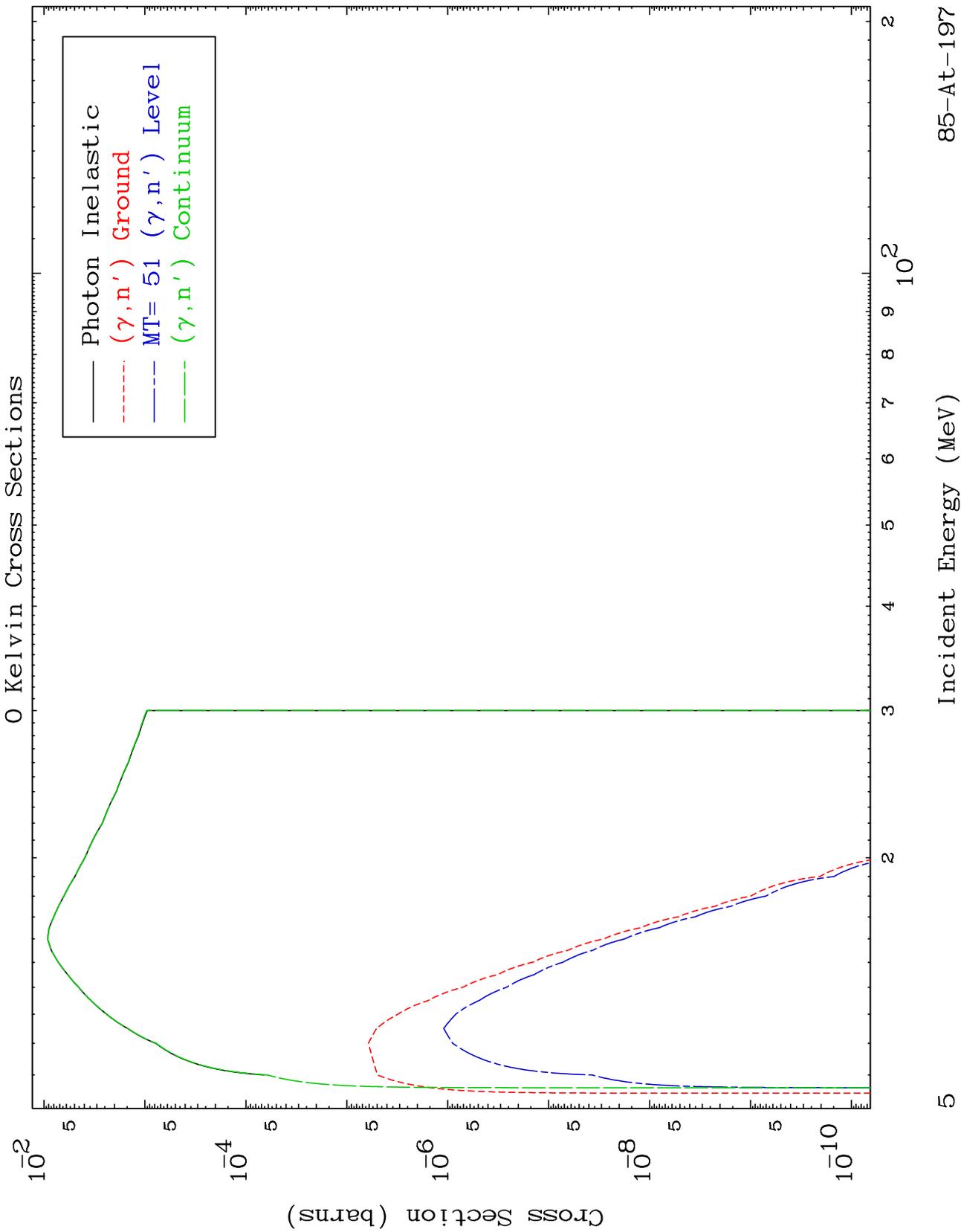
85-At-197

Incident Energy (MeV)

MAT 8508

(γ, n') Level

85-At-197



85-At-197

Incident Energy (MeV)

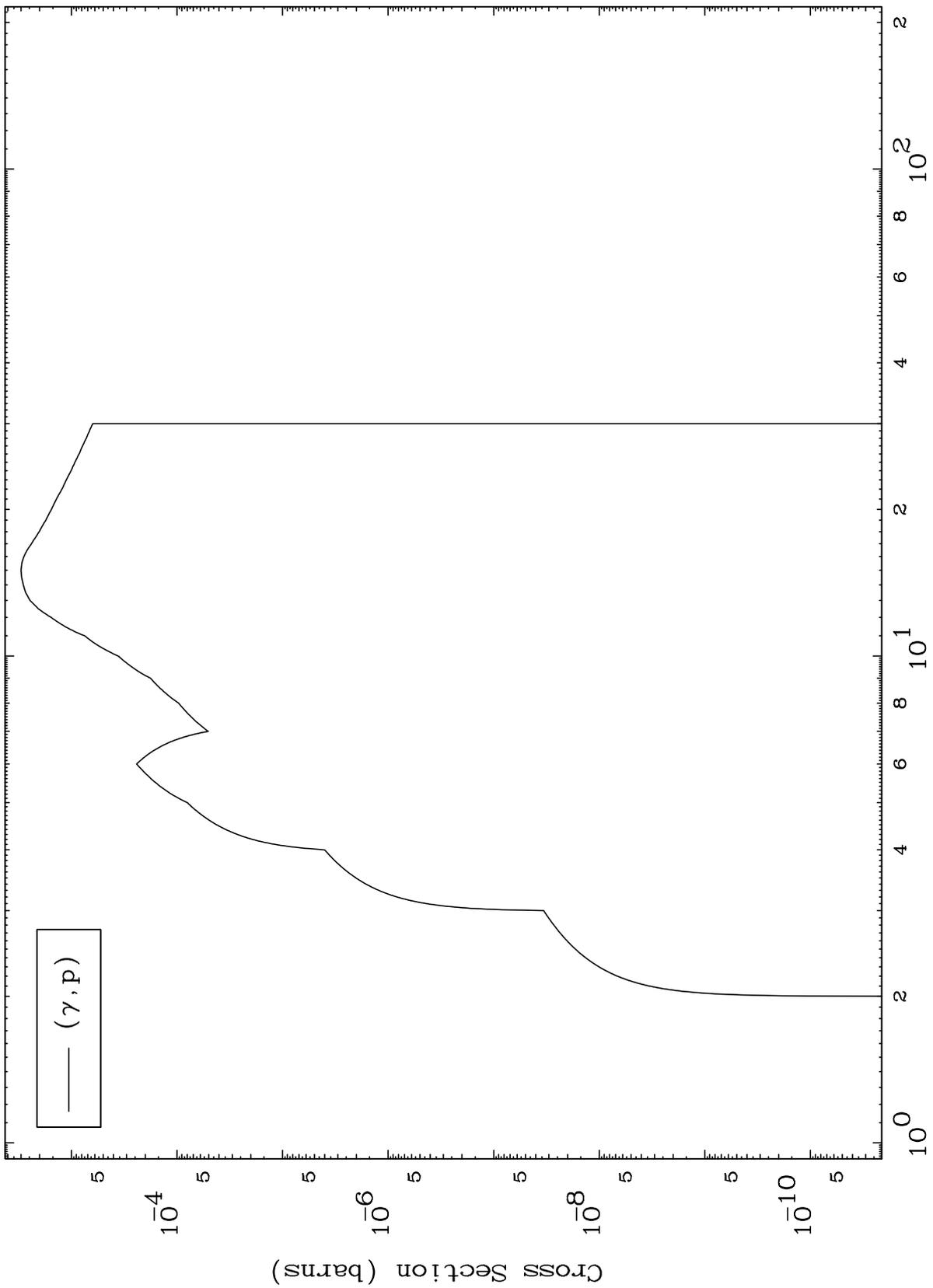
5

MAT 8508

(γ, p) Levels

85-At-197

0 Kelvin Cross Sections



Incident Energy (MeV)

85-At-197

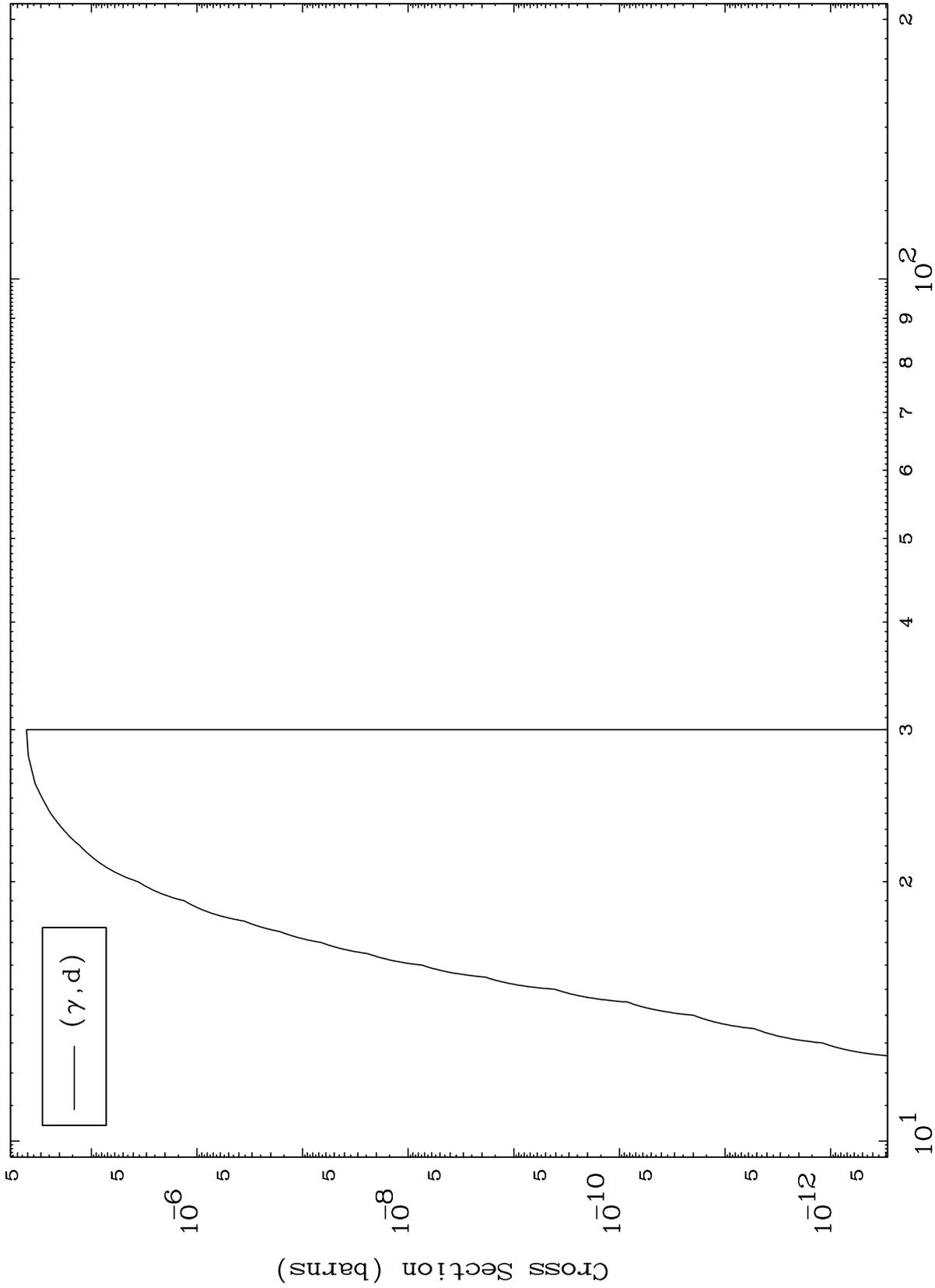
6

MAT 8508

(γ, d) Levels

85-At-197

0 Kelvin Cross Sections



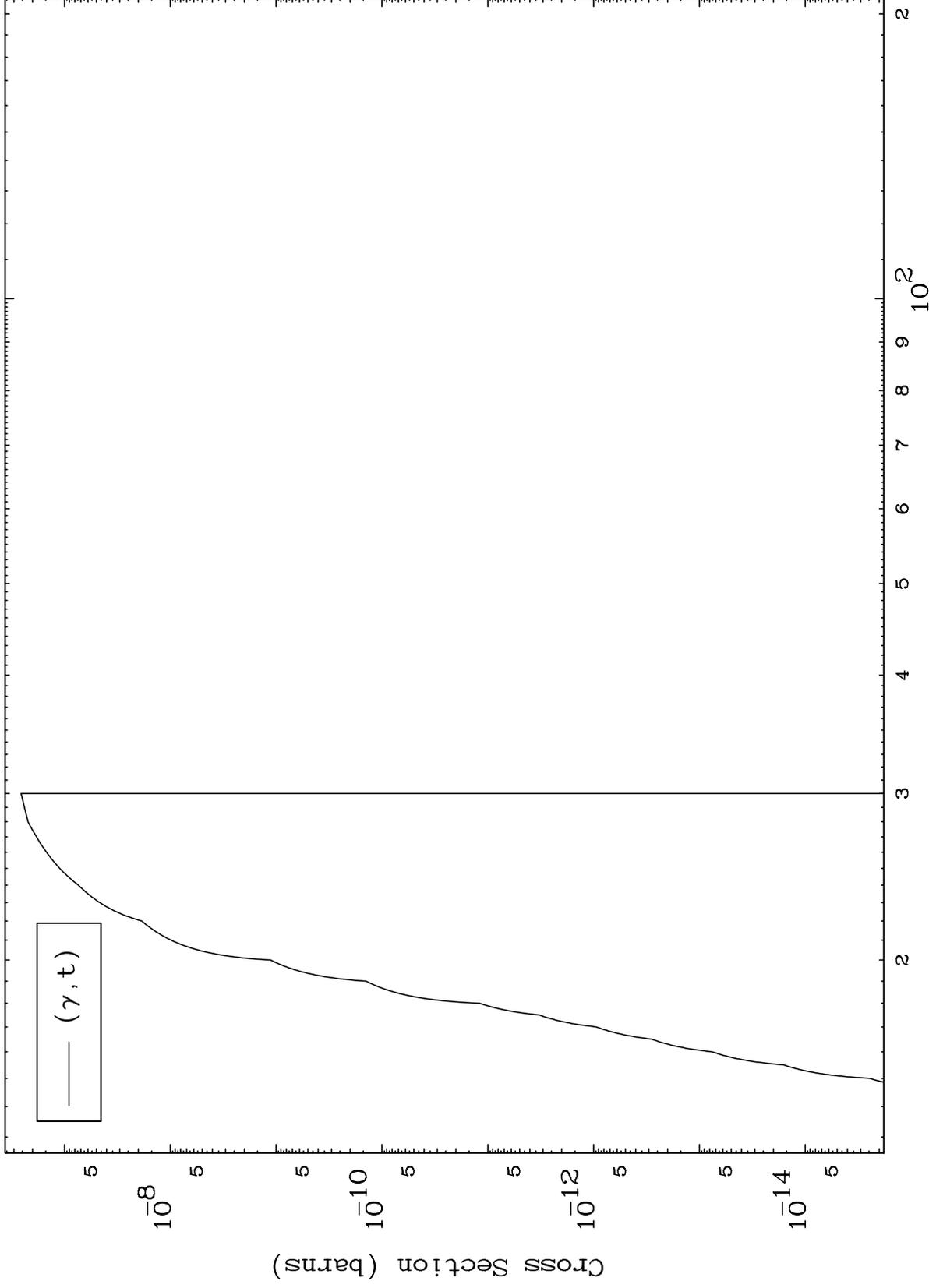
Incident Energy (MeV)

85-At-197

MAT 8508

(γ, t) Levels
0 Kelvin Cross Sections

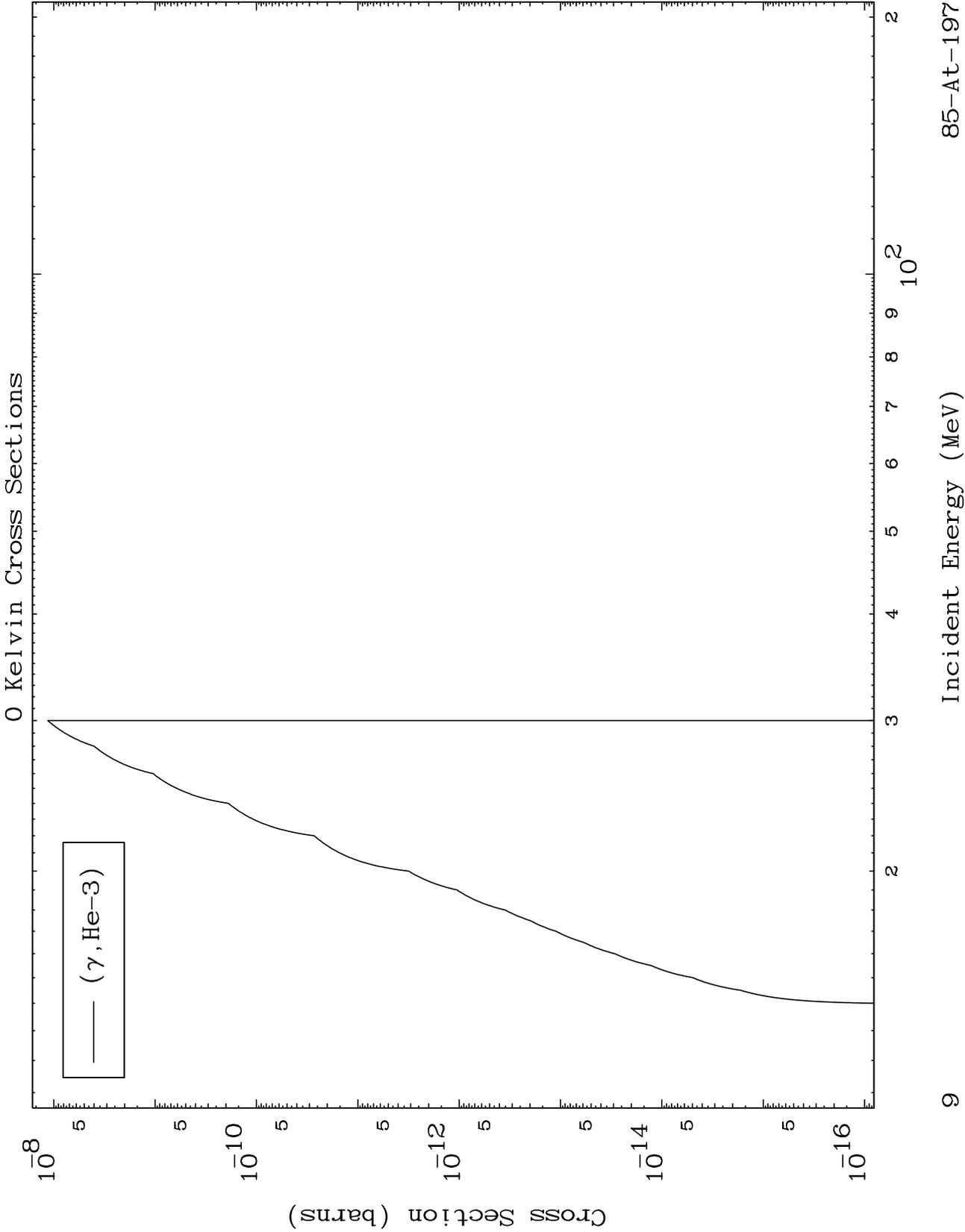
85-At-197



8

Incident Energy (MeV)

85-At-197

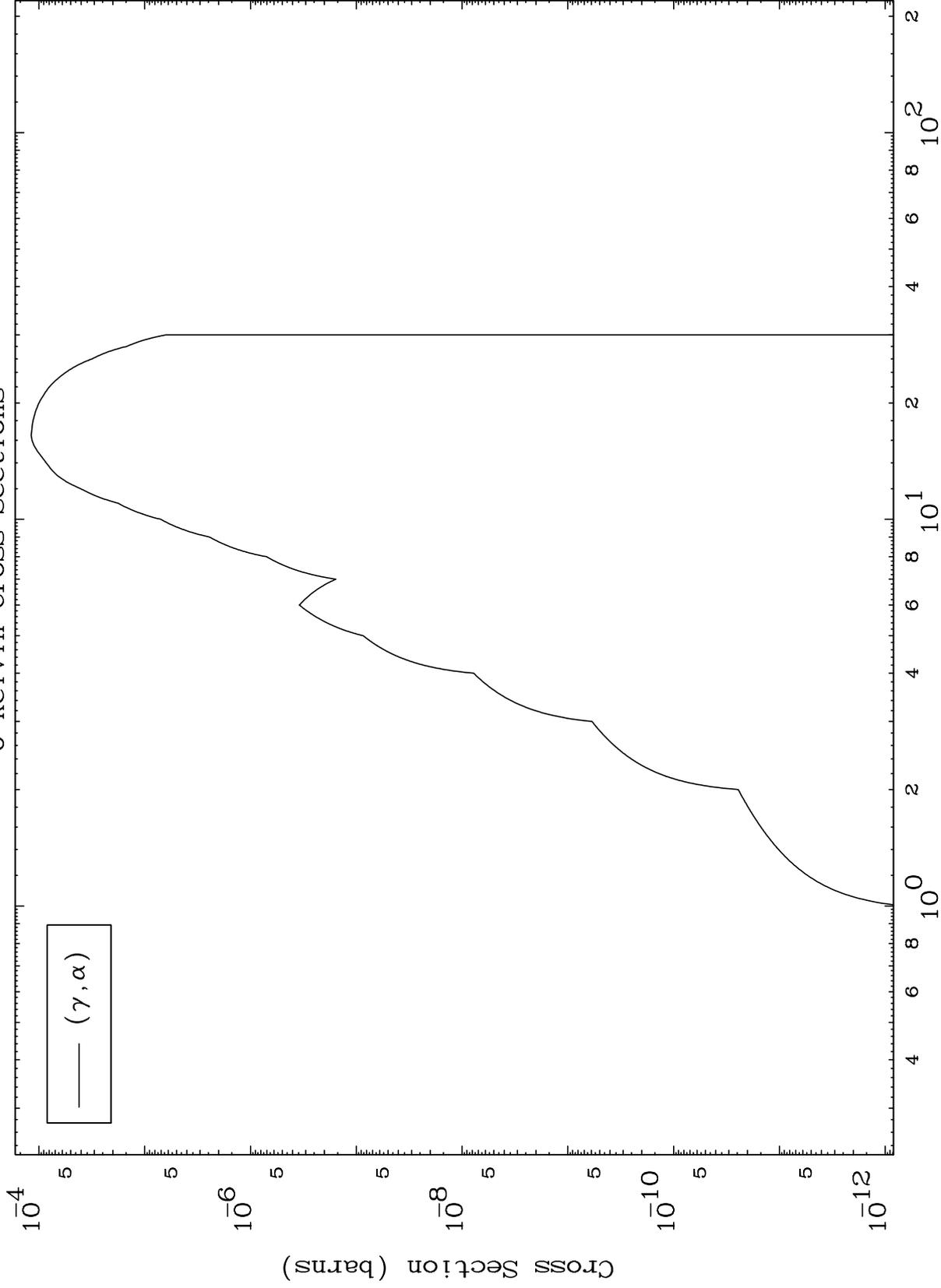


MAT 8508

(γ, α) Levels

85-At-197

0 Kelvin Cross Sections



10

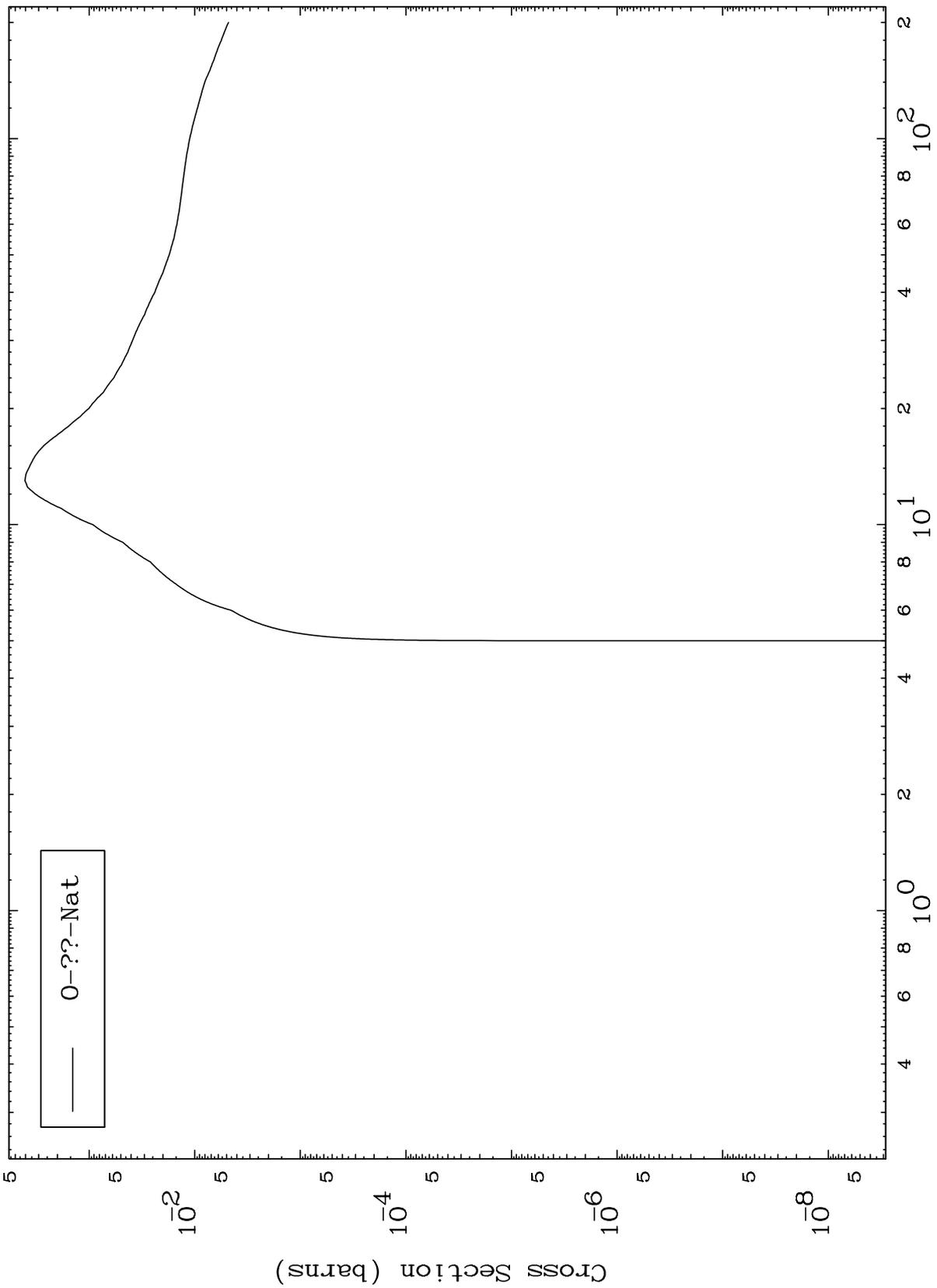
Incident Energy (MeV)

85-At-197

MAT 8508

Photon Fission
Radionuclide Production Cross Section

85-At-197

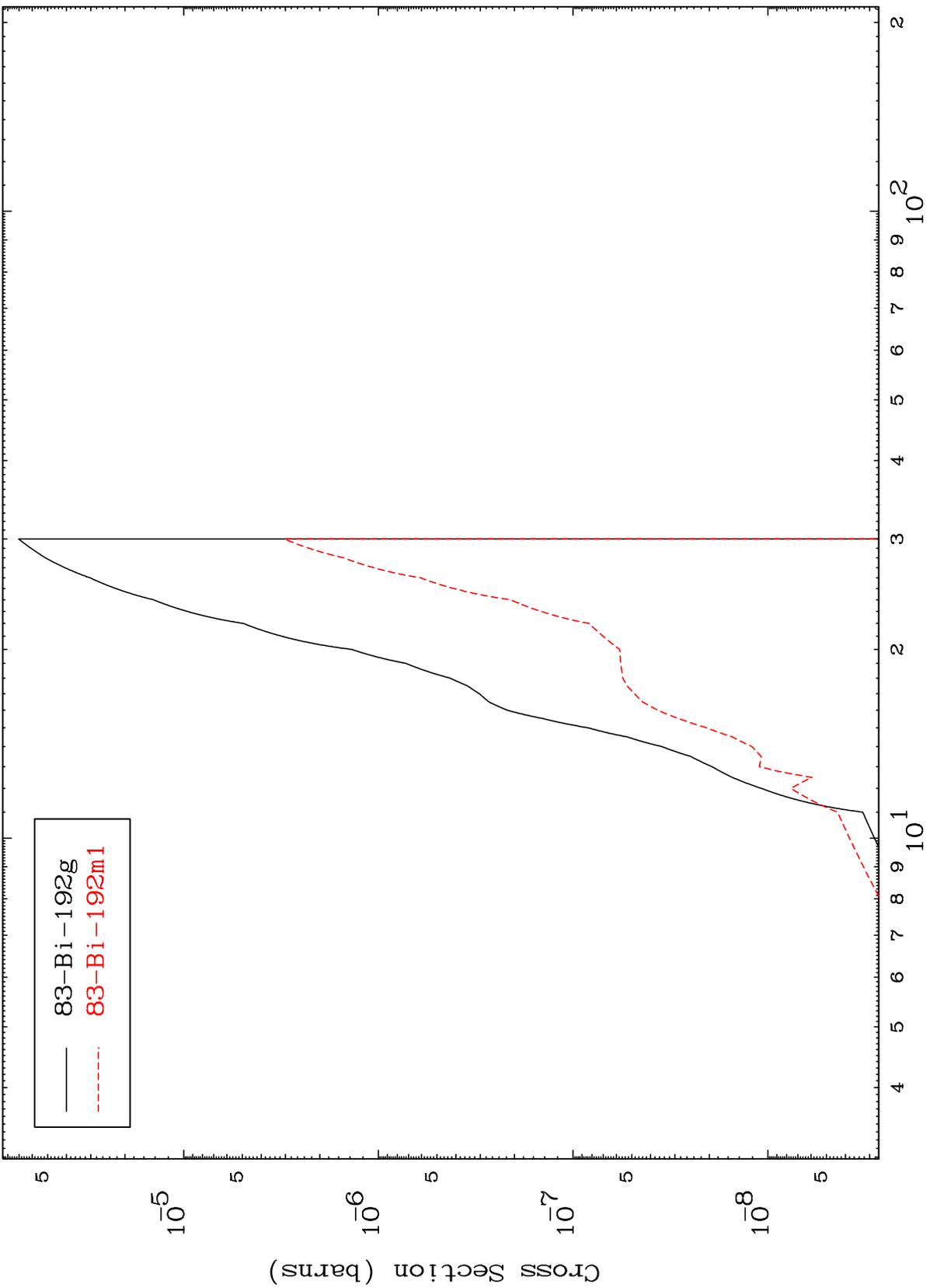


MAT 8508

(γ, n') α

85-At-197

Radionuclide Production Cross Section



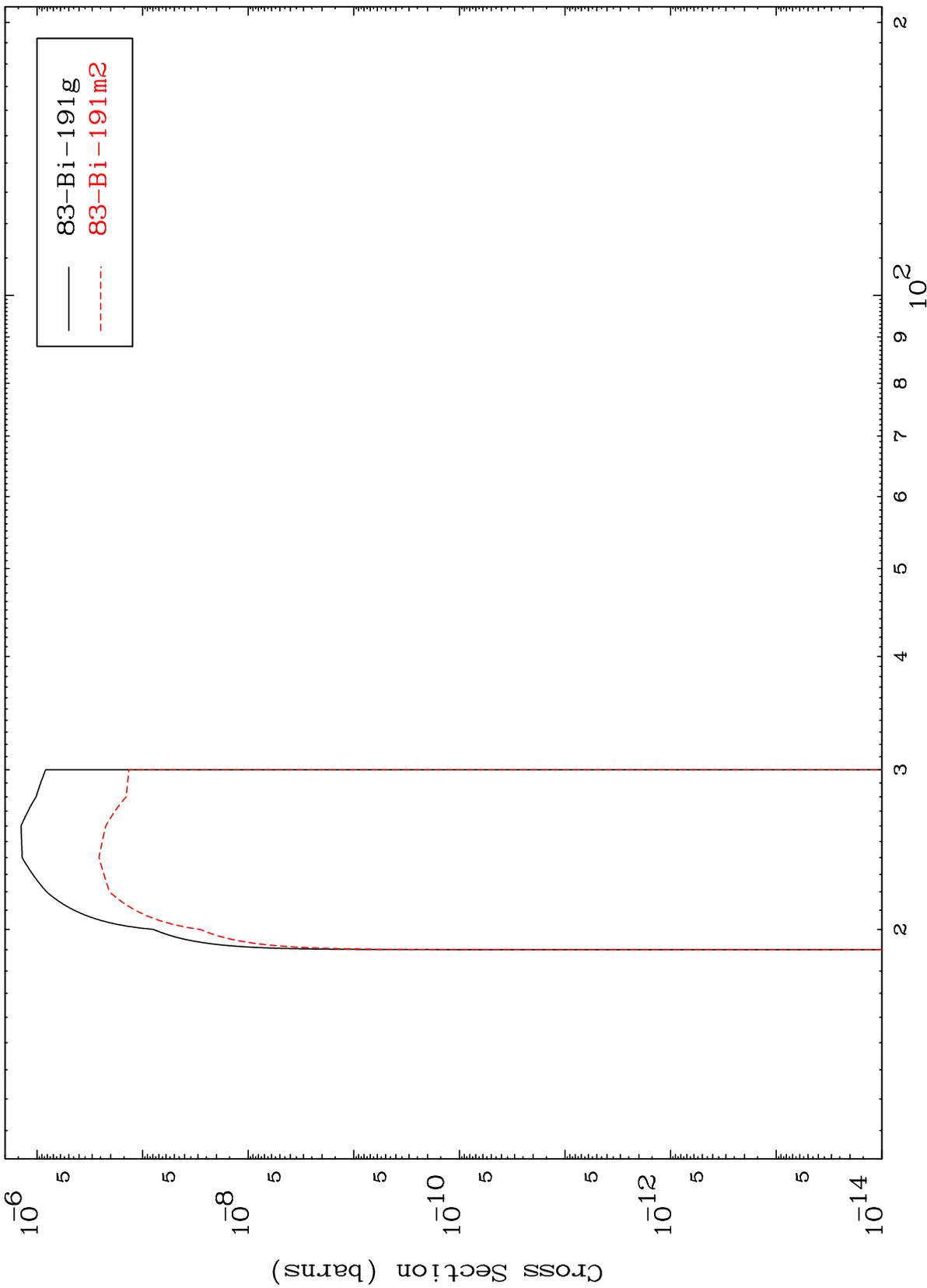
— 83-Bi-192g
- - - 83-Bi-192m1

12

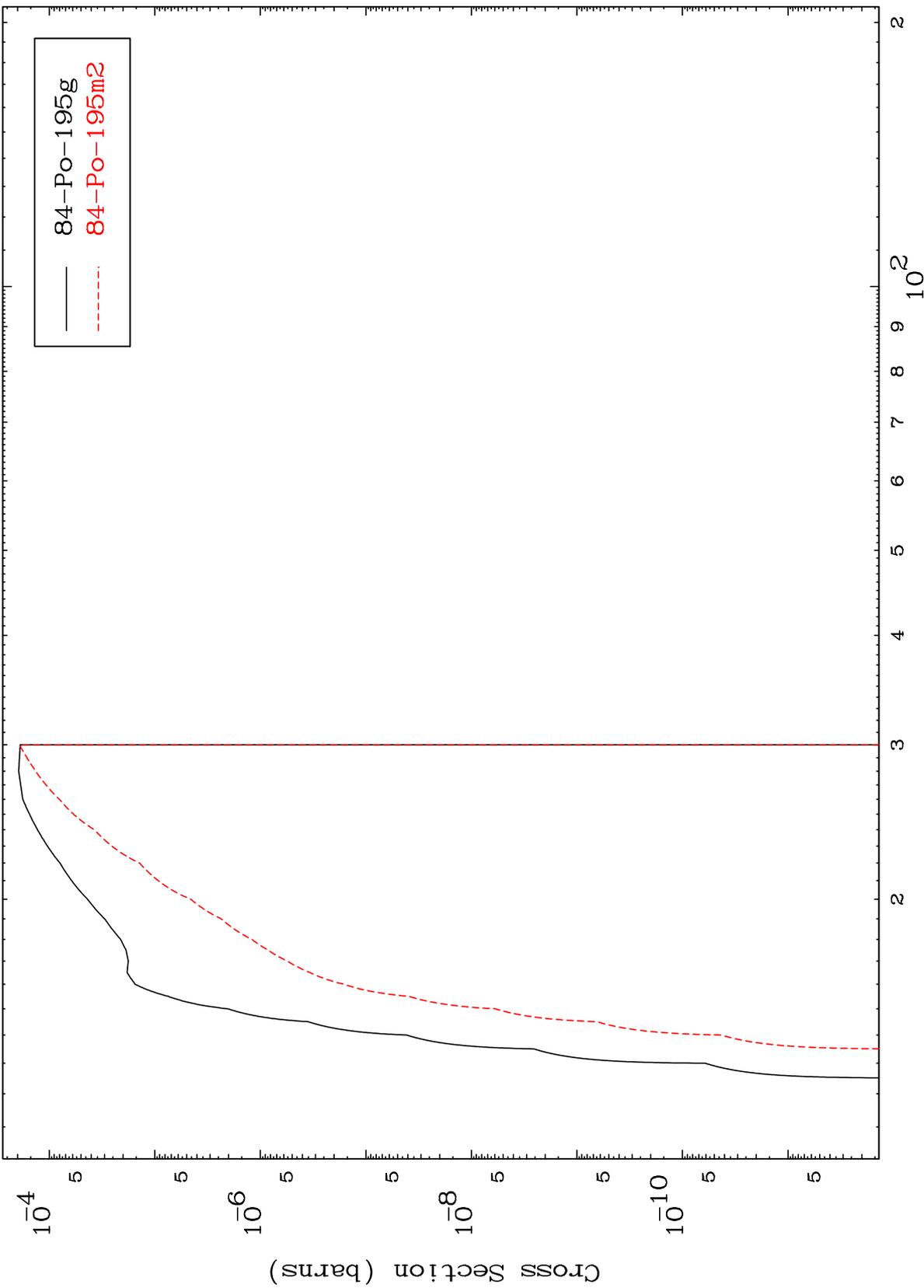
Incident Energy (MeV)

85-At-197

Radionuclide Production Cross Section



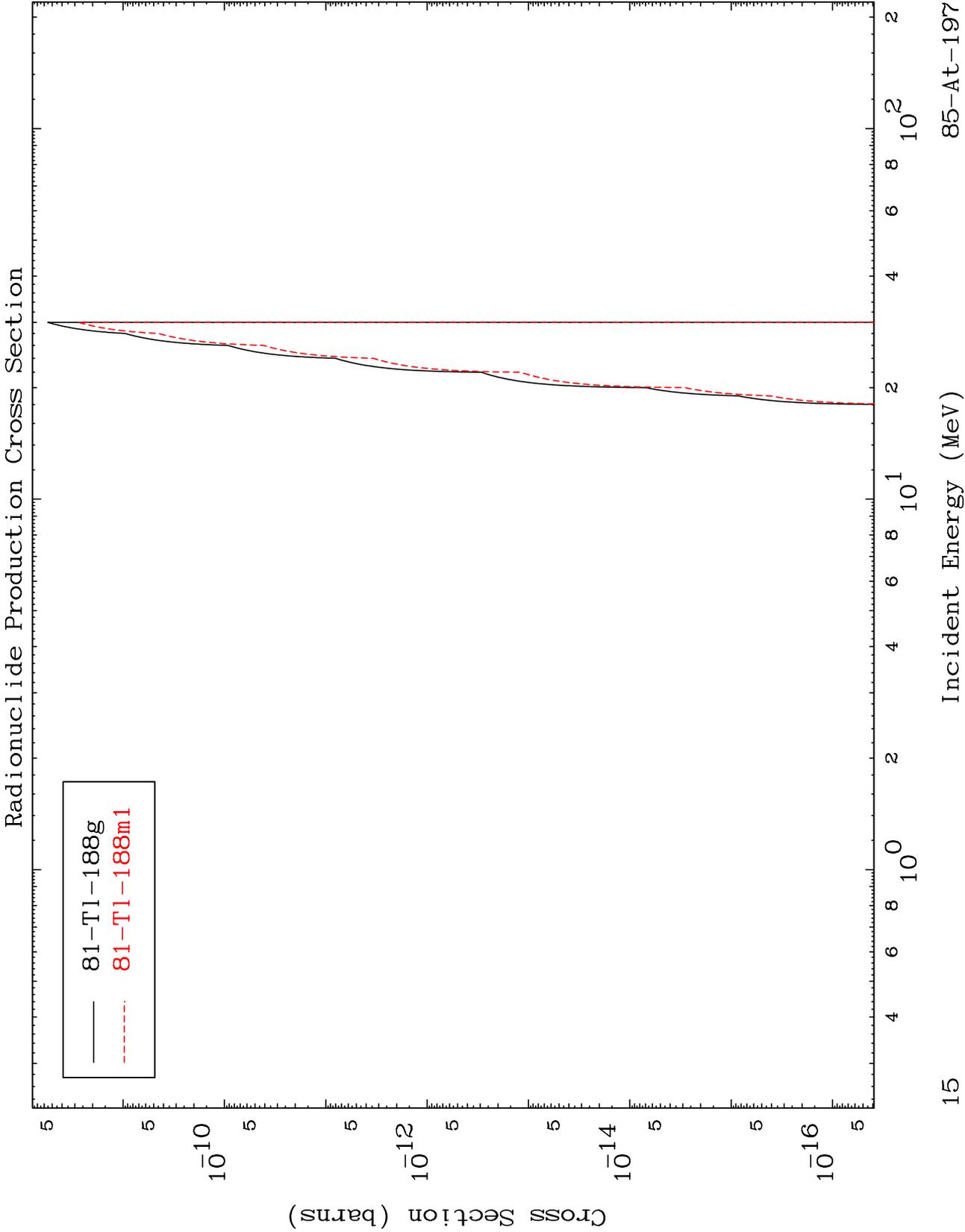
Radionuclide Production Cross Section



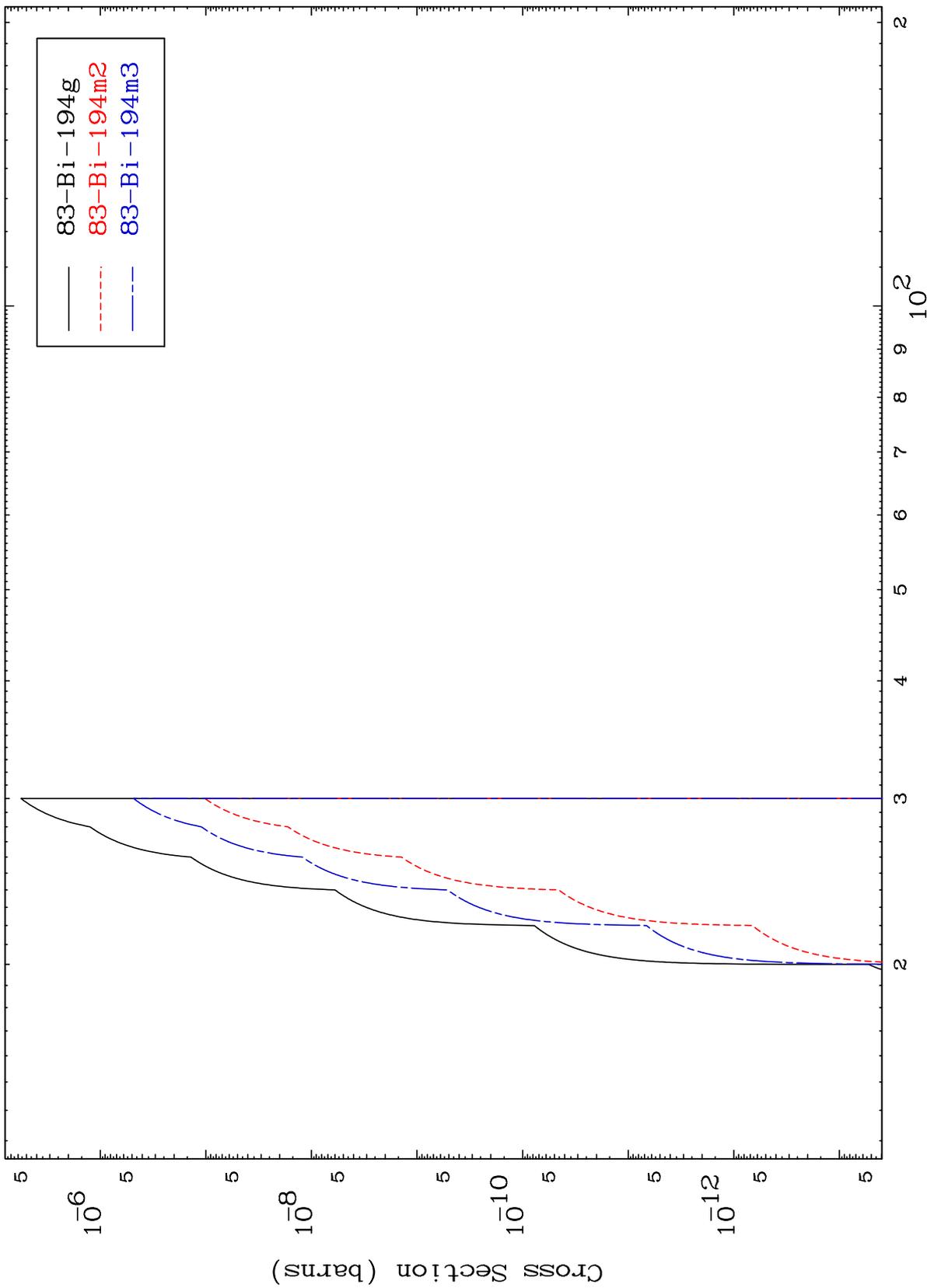
MAT 8508

(γ, n') 2α

85-At-197



Radionuclide Production Cross Section

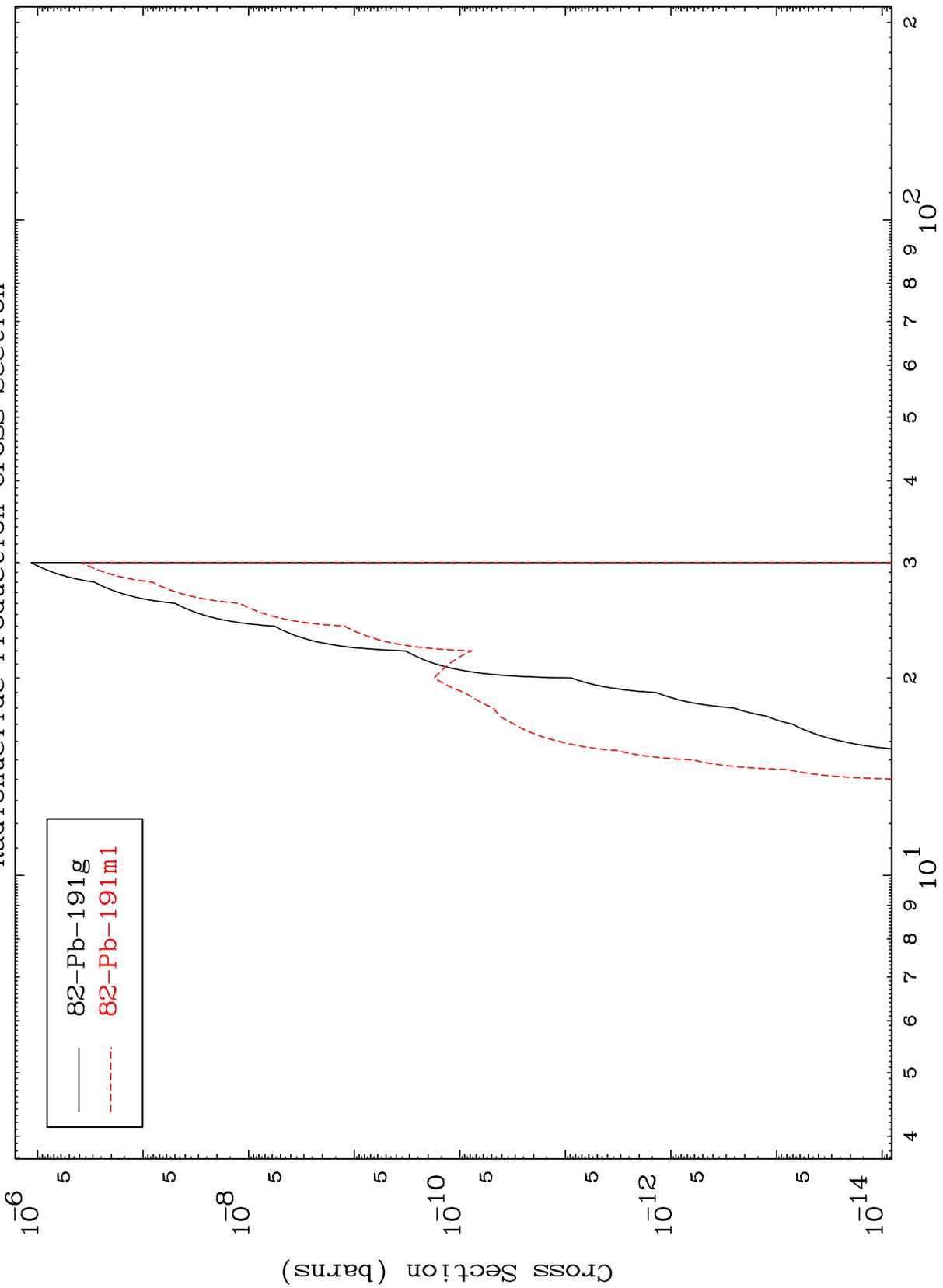


MAT 8508

(γ, n') p α

85-At-197

Radionuclide Production Cross Section



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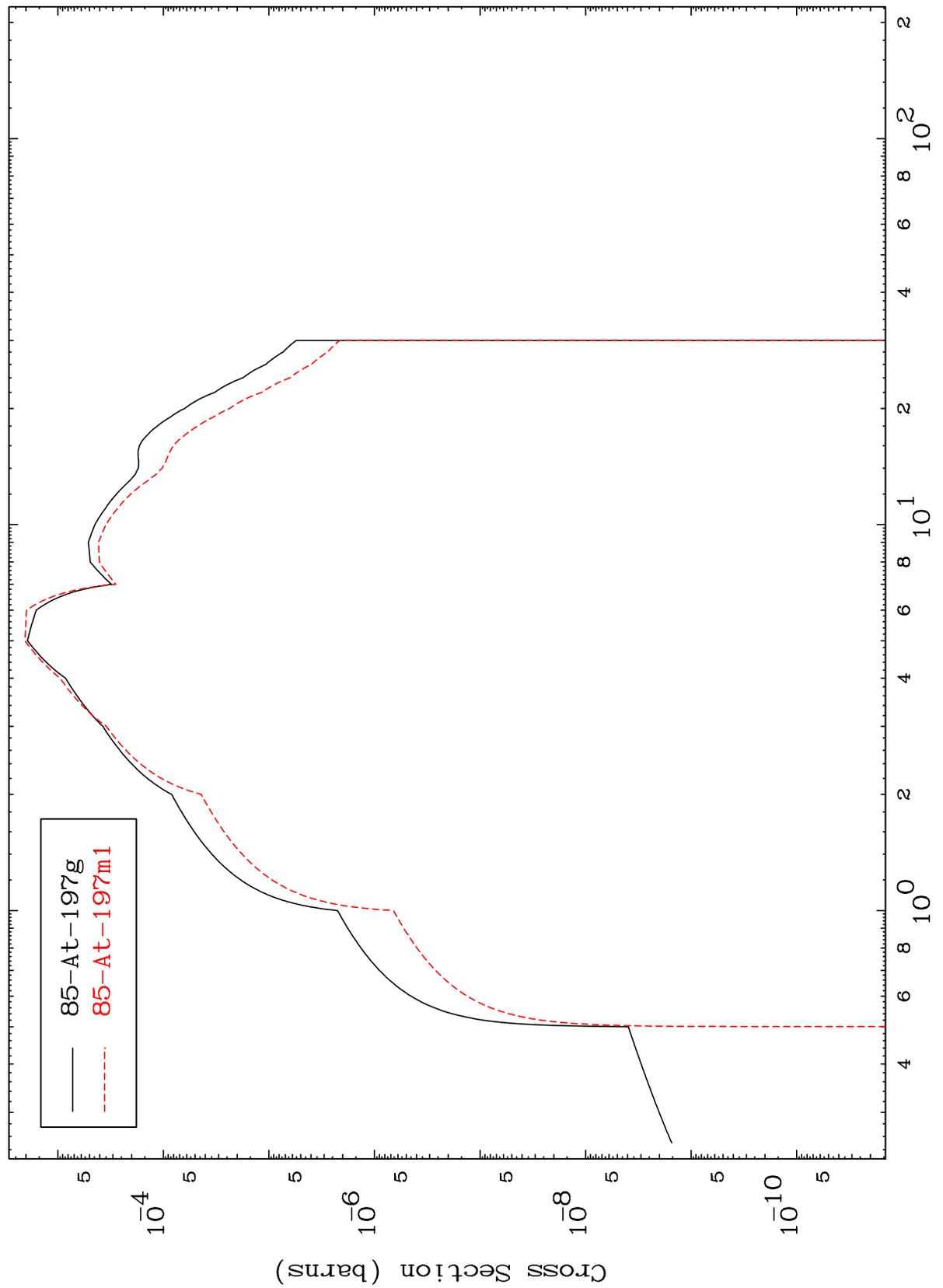
Incident Energy (MeV)

85-At-197

MAT 8508

85-At-197

(γ, γ)
Radionuclide Production Cross Section



85-At-197

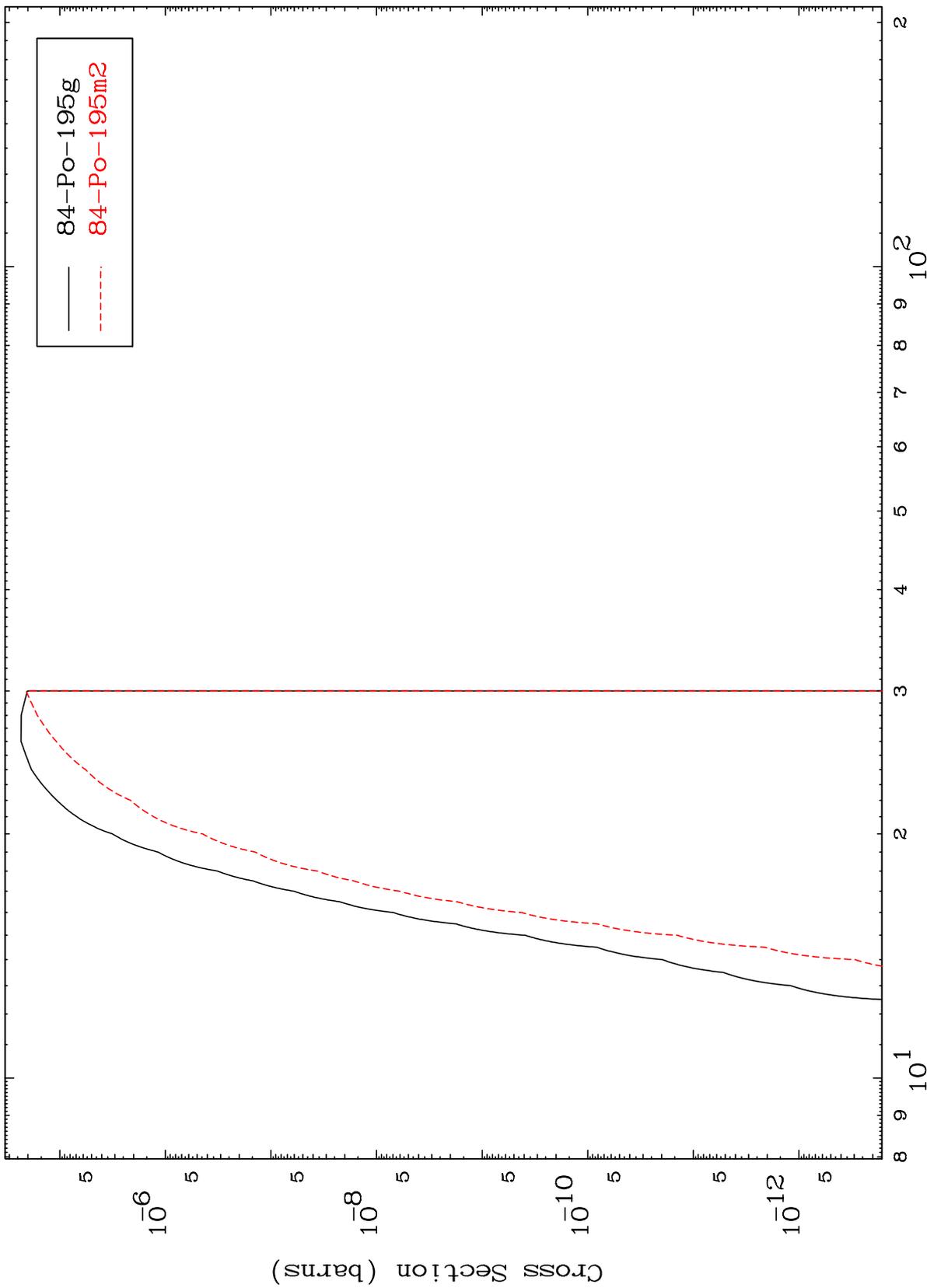
Incident Energy (MeV)

18

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85-At-197

(γ, d)
Radionuclide Production Cross Section



84-Po-195g
84-Po-195m2

19

Incident Energy (MeV)

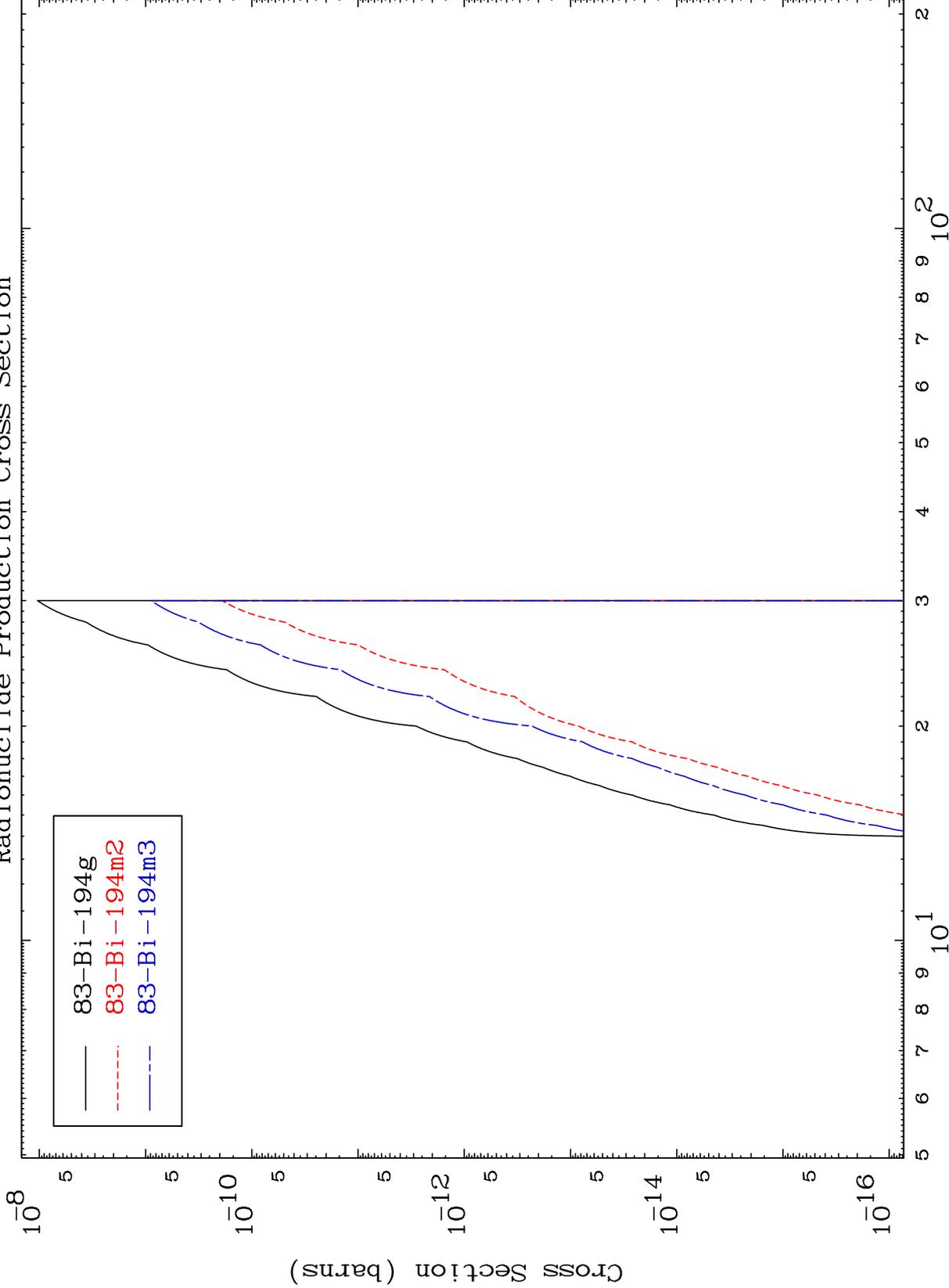
85-At-197

MAT 8508

($\gamma, \text{He-3}$)

85-At-197

Radionuclide Production Cross Section



83-Bi-194g
83-Bi-194m2
83-Bi-194m3

20

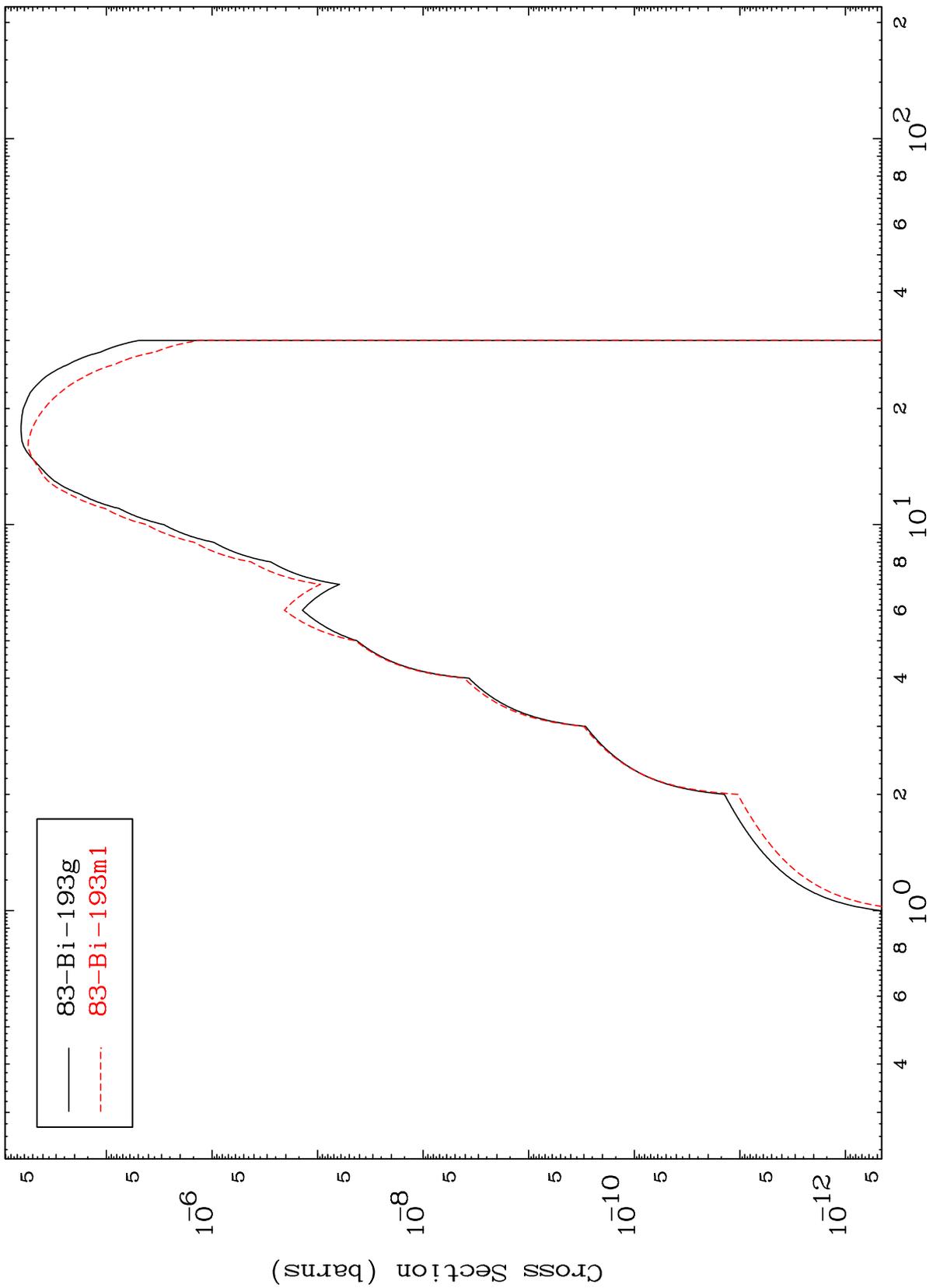
Incident Energy (MeV)

85-At-197

MAT 8508

85-At-197

(γ, α)
Radionuclide Production Cross Section



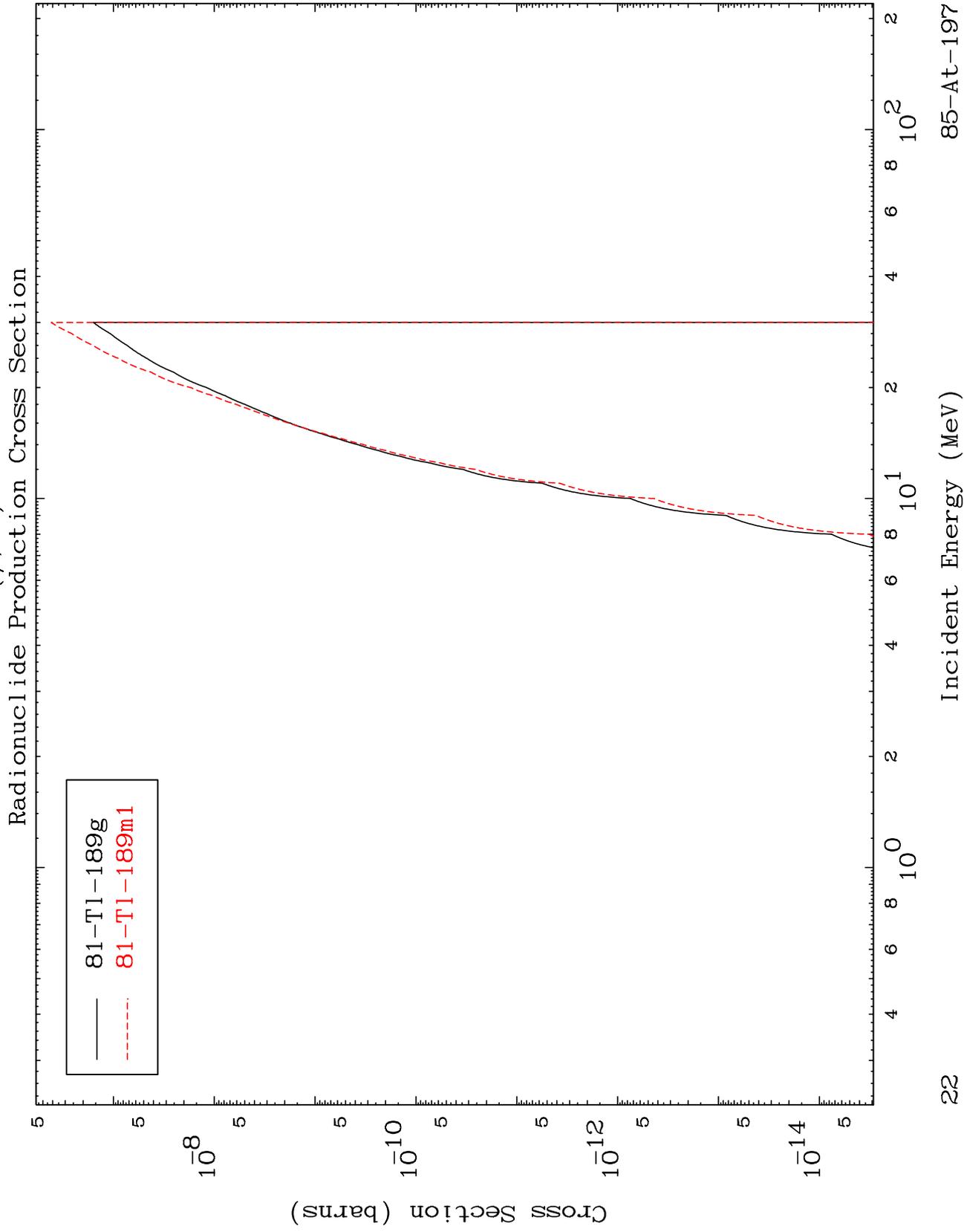
85-At-197

Incident Energy (MeV)

MAT 8508

($\gamma, 2\alpha$)

85-At-197



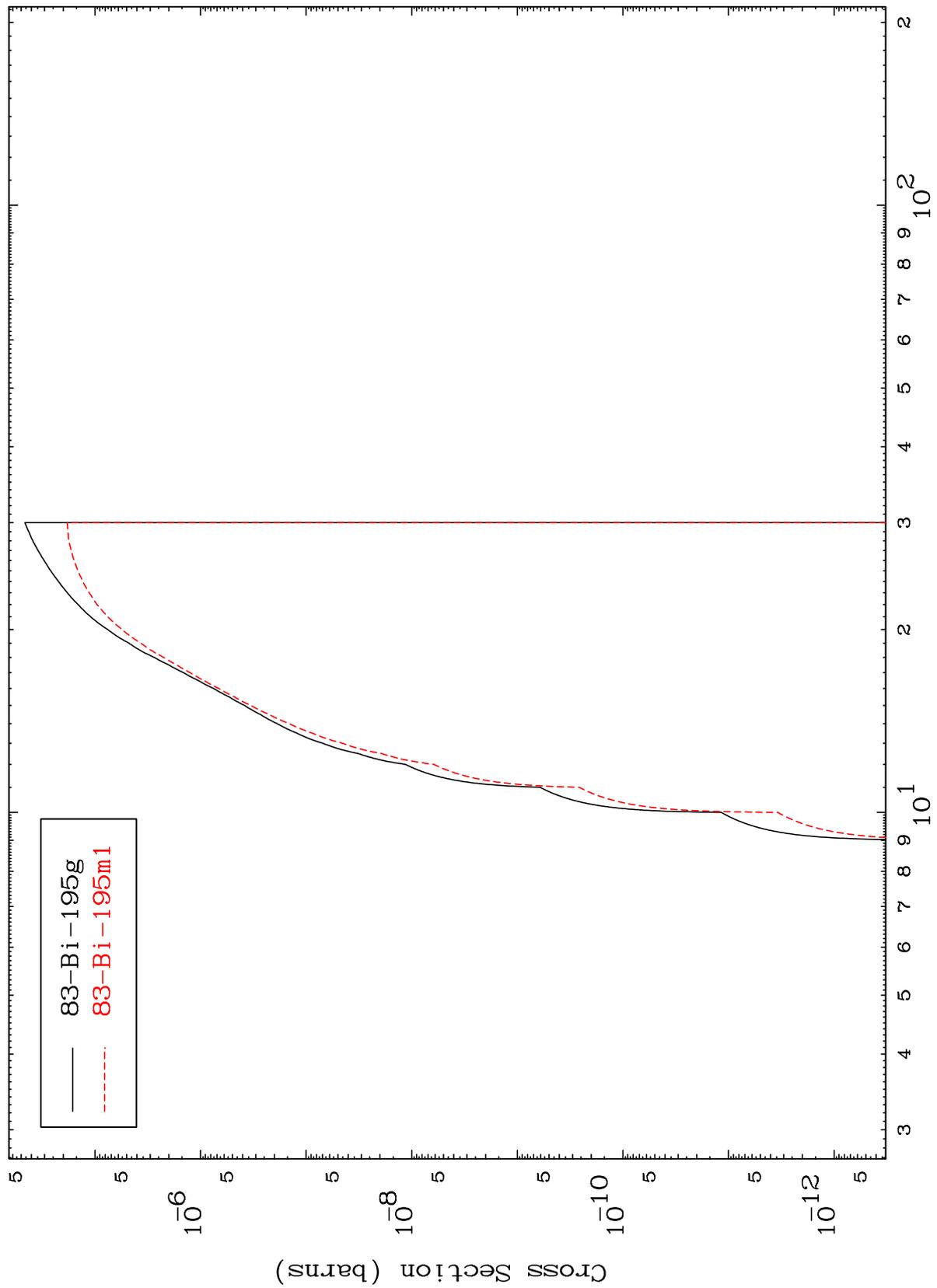
22

85-At-197

MAT 8508

85-At-197

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

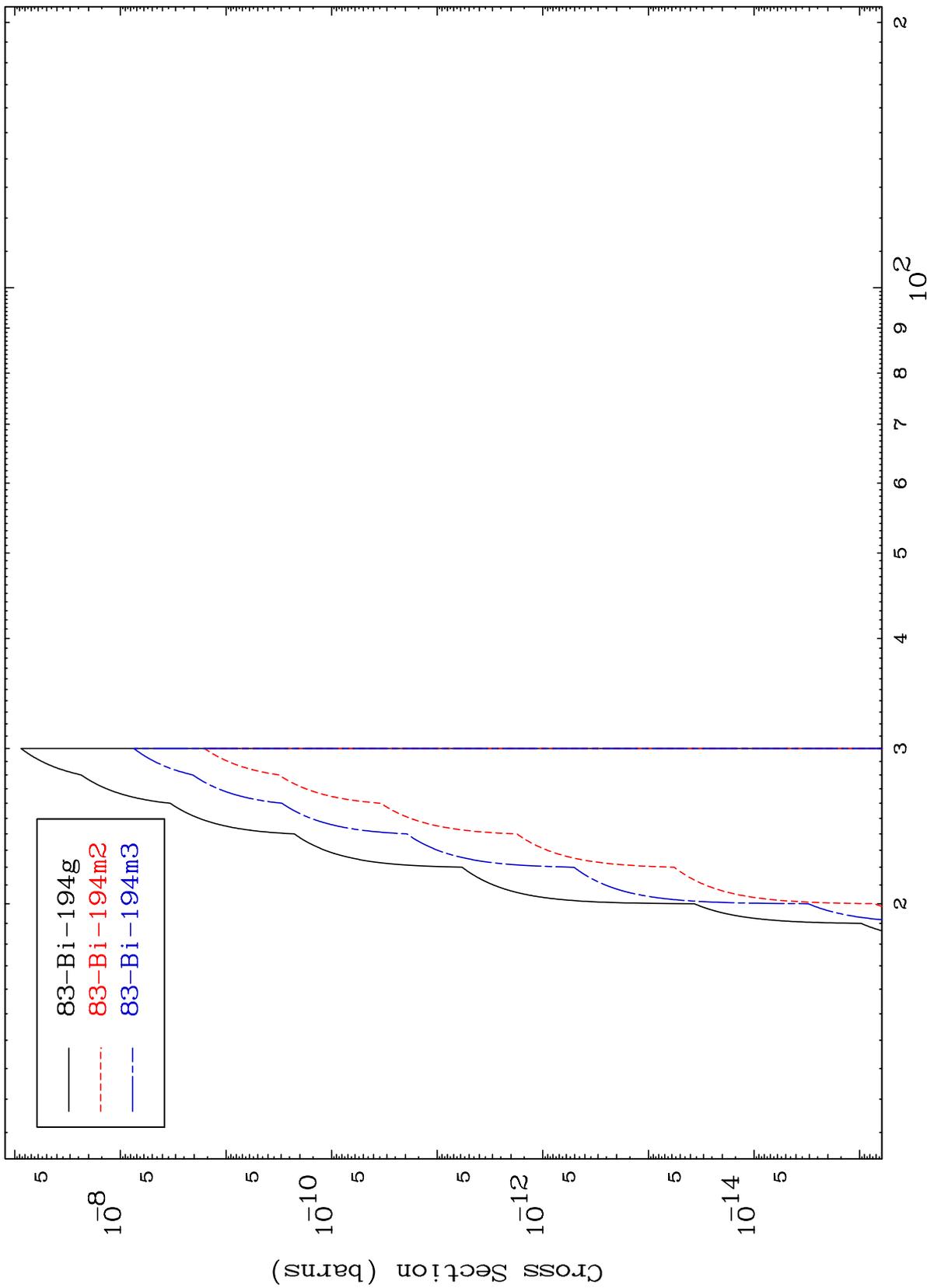


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Incident Energy (MeV)

85-At-197

Radionuclide Production Cross Section

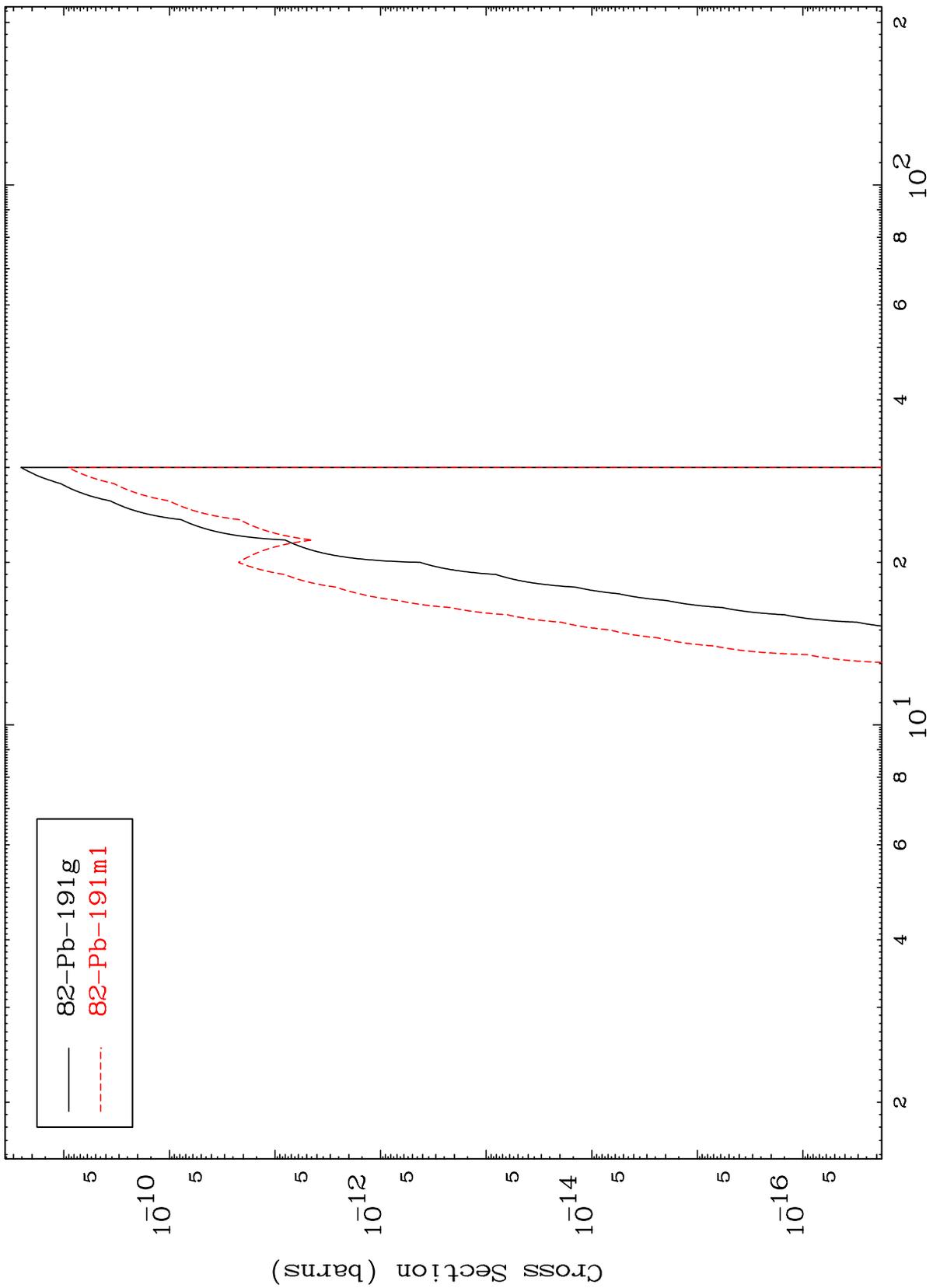


MAT 8508

(γ, d) α

85-At-197

Radionuclide Production Cross Section



25

Incident Energy (MeV)

85-At-197