

Program EVALPLOT
(Version 2018-1)

by

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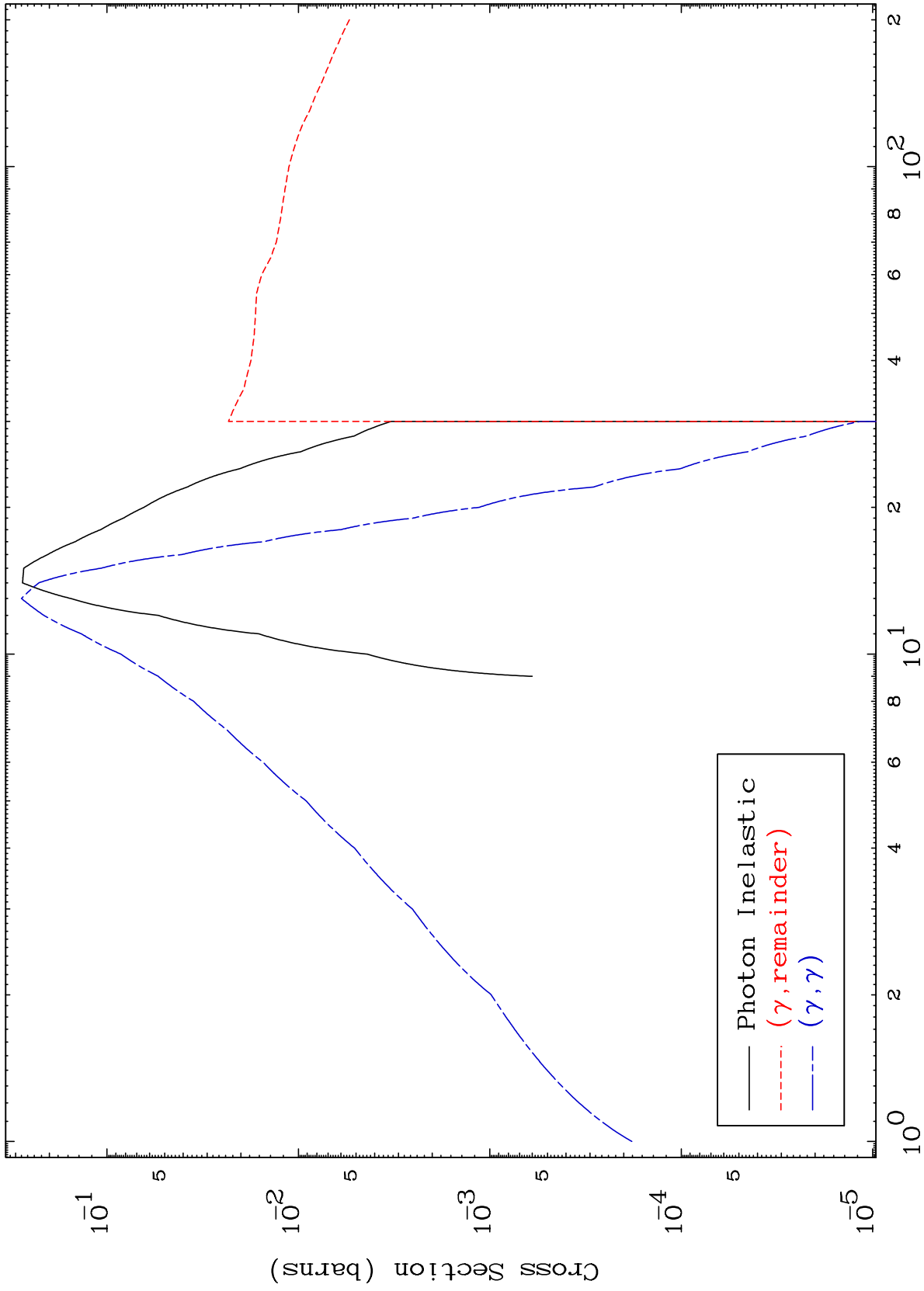
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8517

Photon Major
0 Kelvin Cross Sections

85-At-200



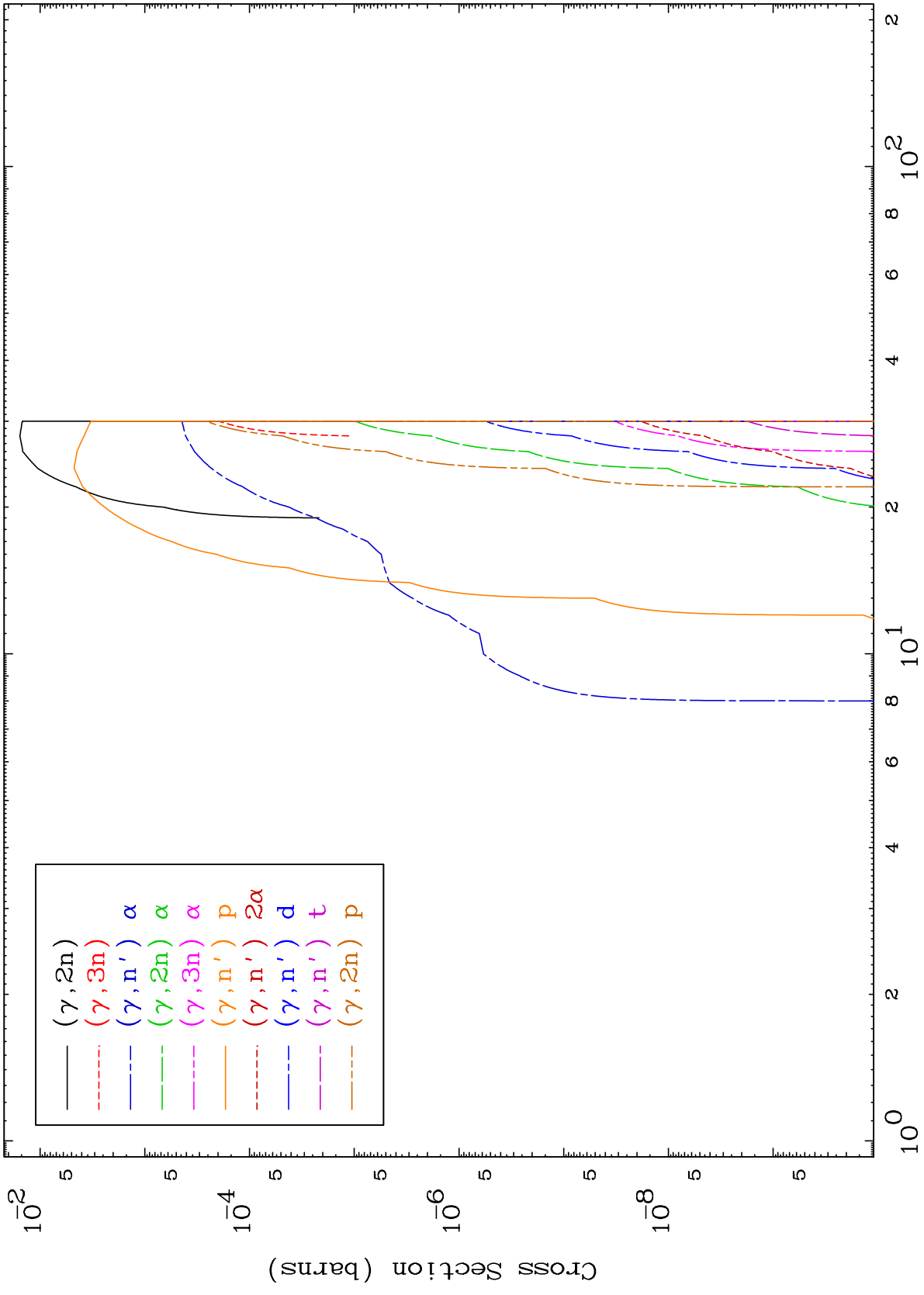
Incident Energy (MeV)

85-At-200

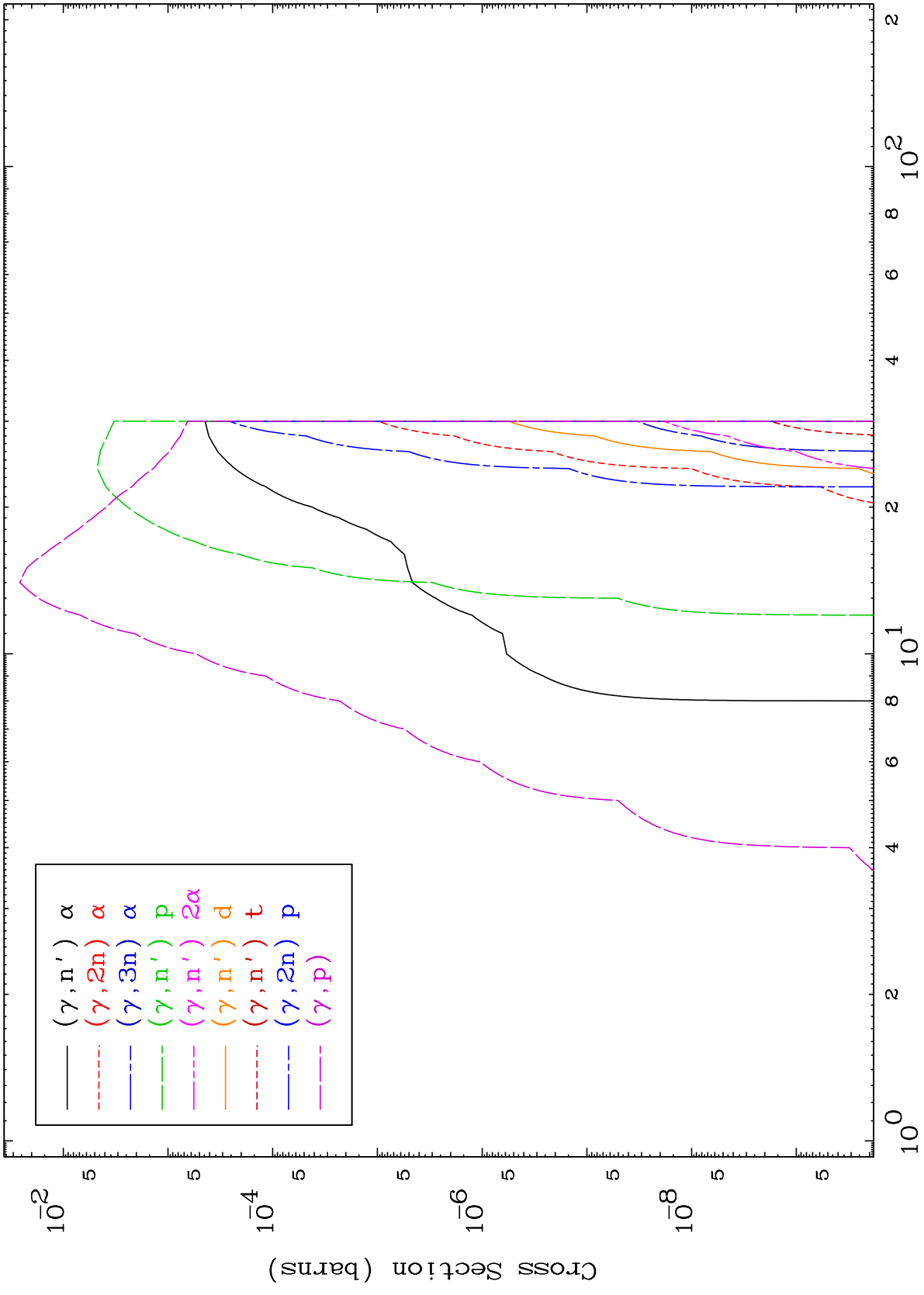
MAT 8517

Photon Neutron Production
0 Kelvin Cross Sections

85-At-200



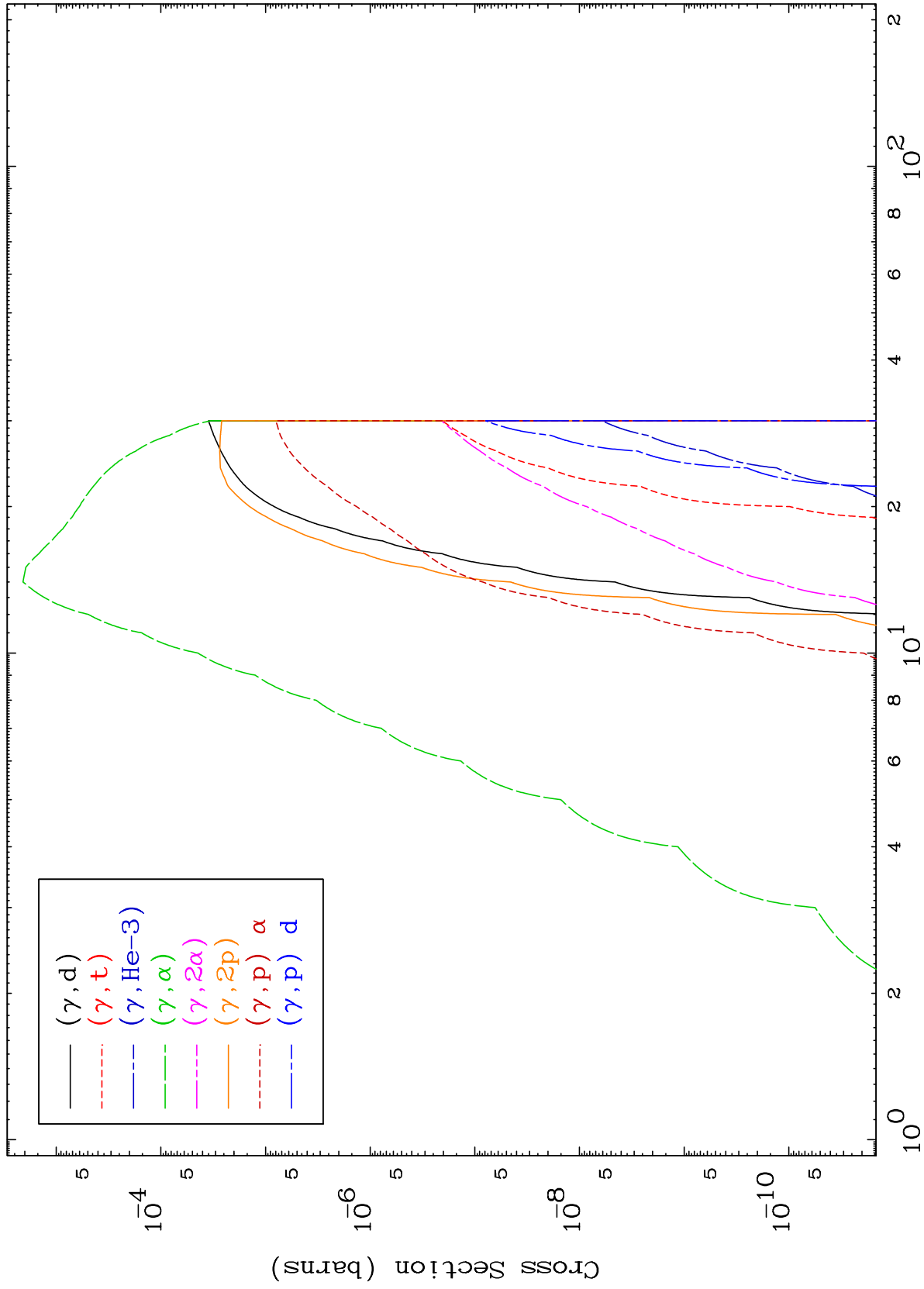
85-At-200



MAT 8517

Photon Charged Particle
0 Kelvin Cross Sections

85-At-200



85-At-200

Incident Energy (MeV)

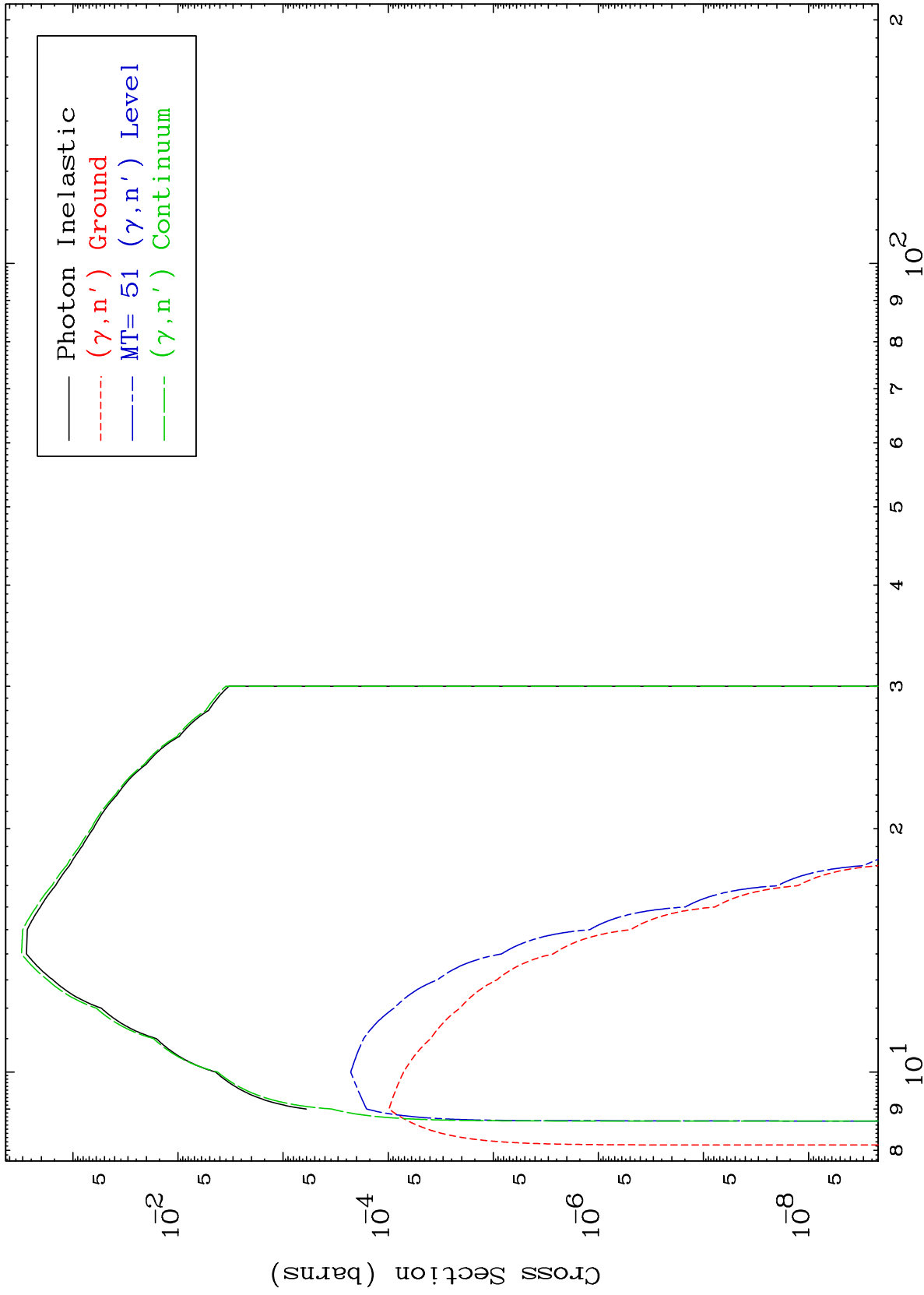
4

MAT 8517

(γ, n') Level

85-At-200

0 Kelvin Cross Sections



5

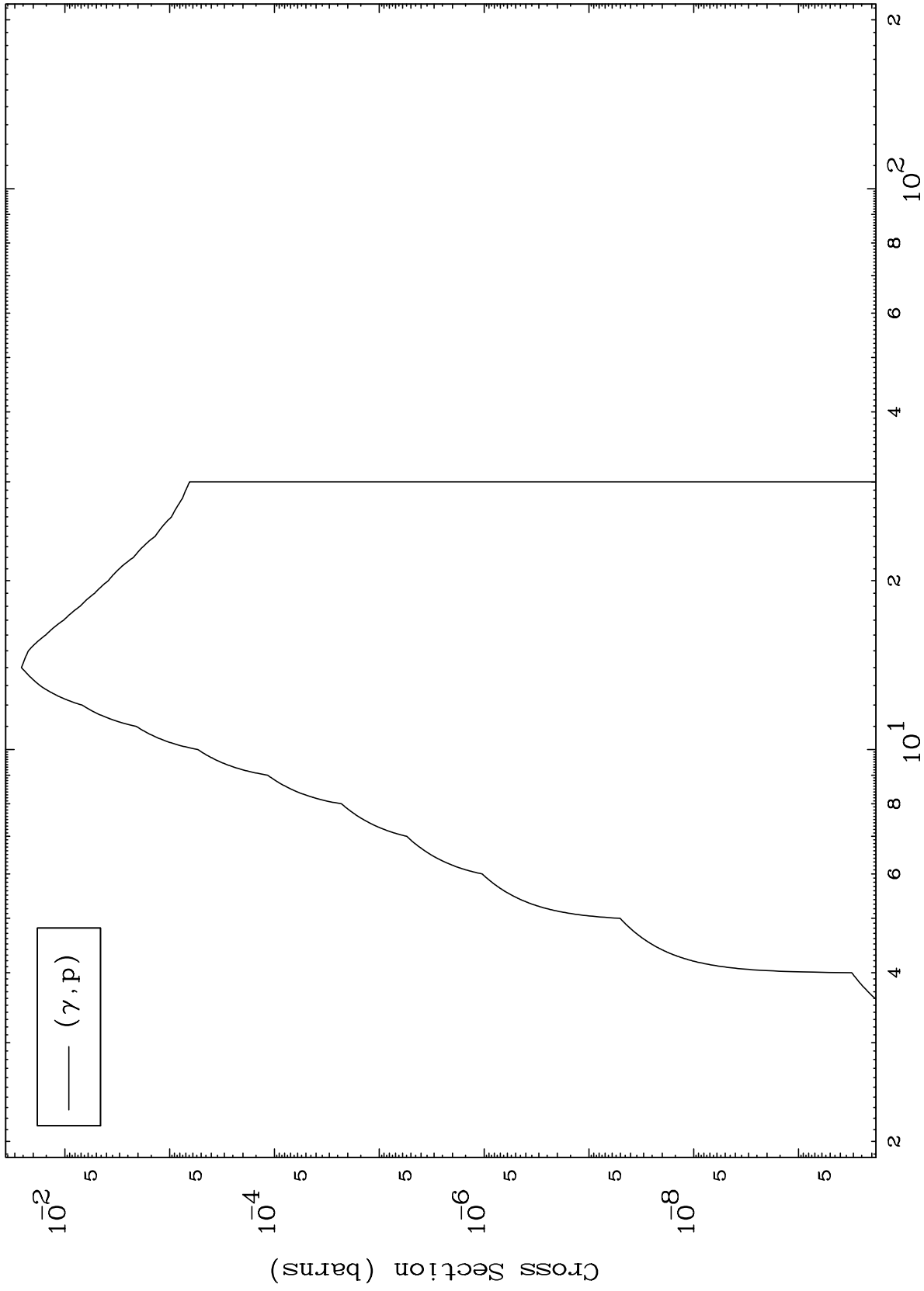
Incident Energy (MeV)

85-At-200

MAT 8517

(γ, p) Levels
0 Kelvin Cross Sections

85-At-200



6

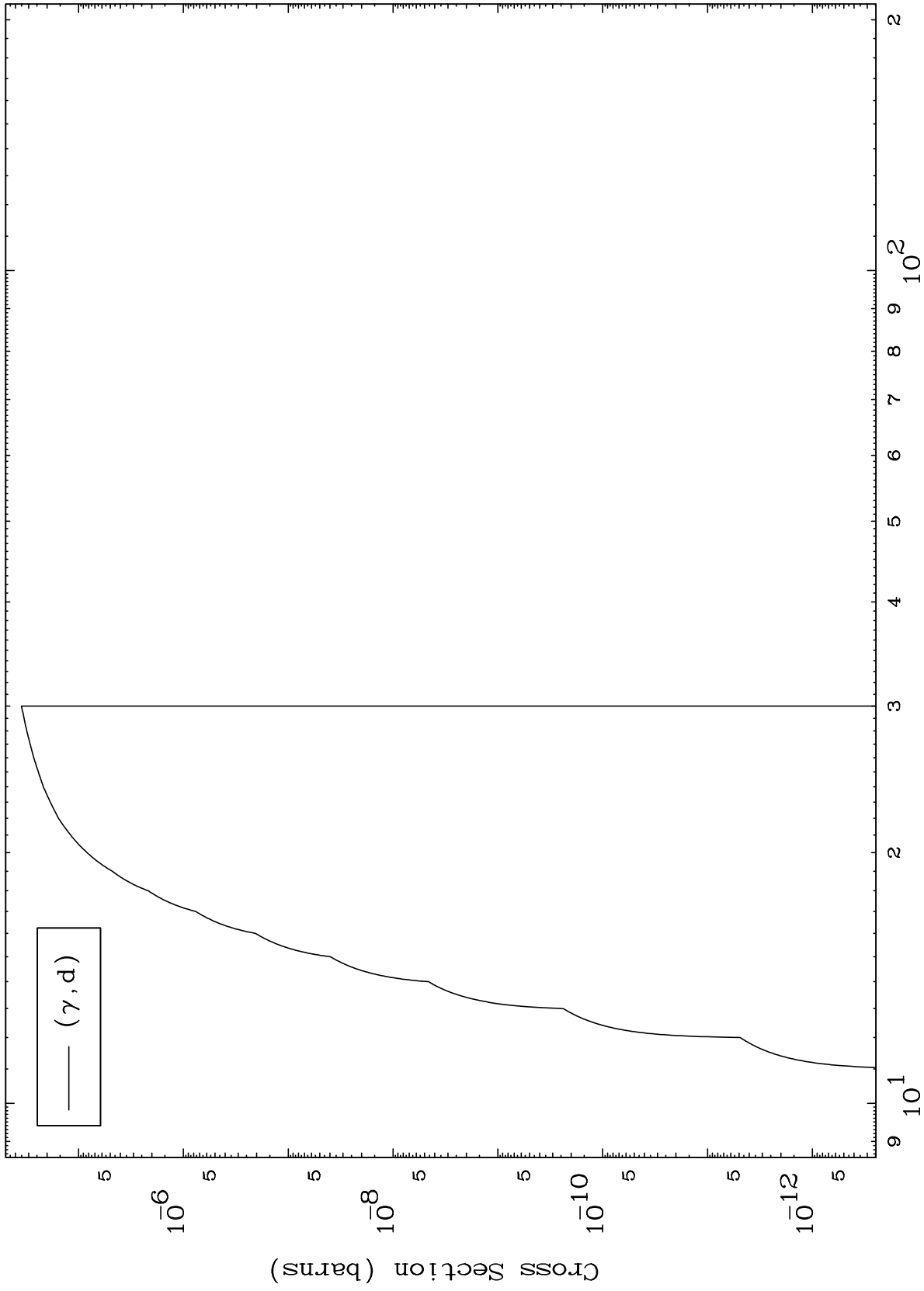
Incident Energy (MeV)

85-At-200

MAT 8517

(γ, d) Levels
0 Kelvin Cross Sections

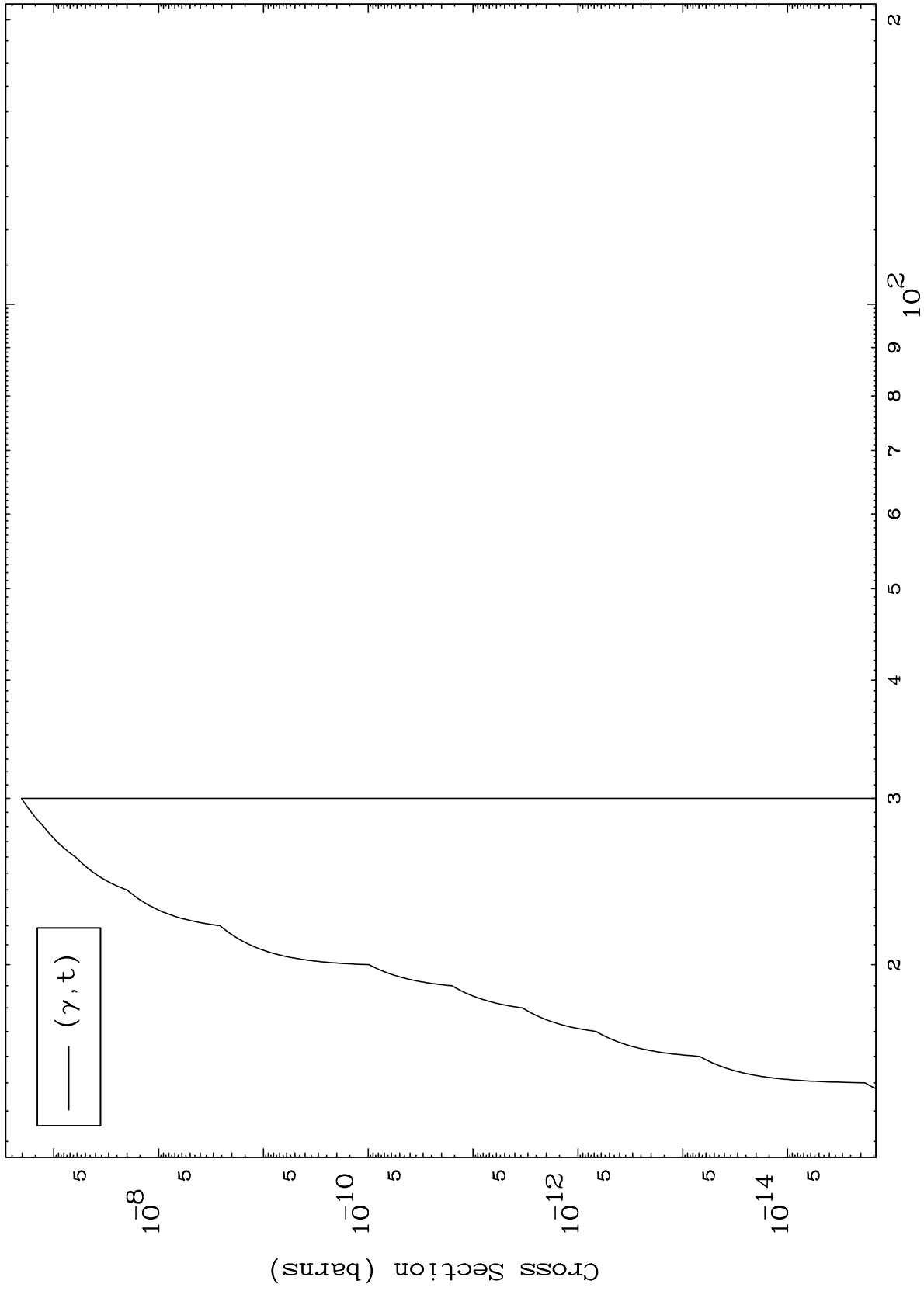
85-At-200



7

Incident Energy (MeV)

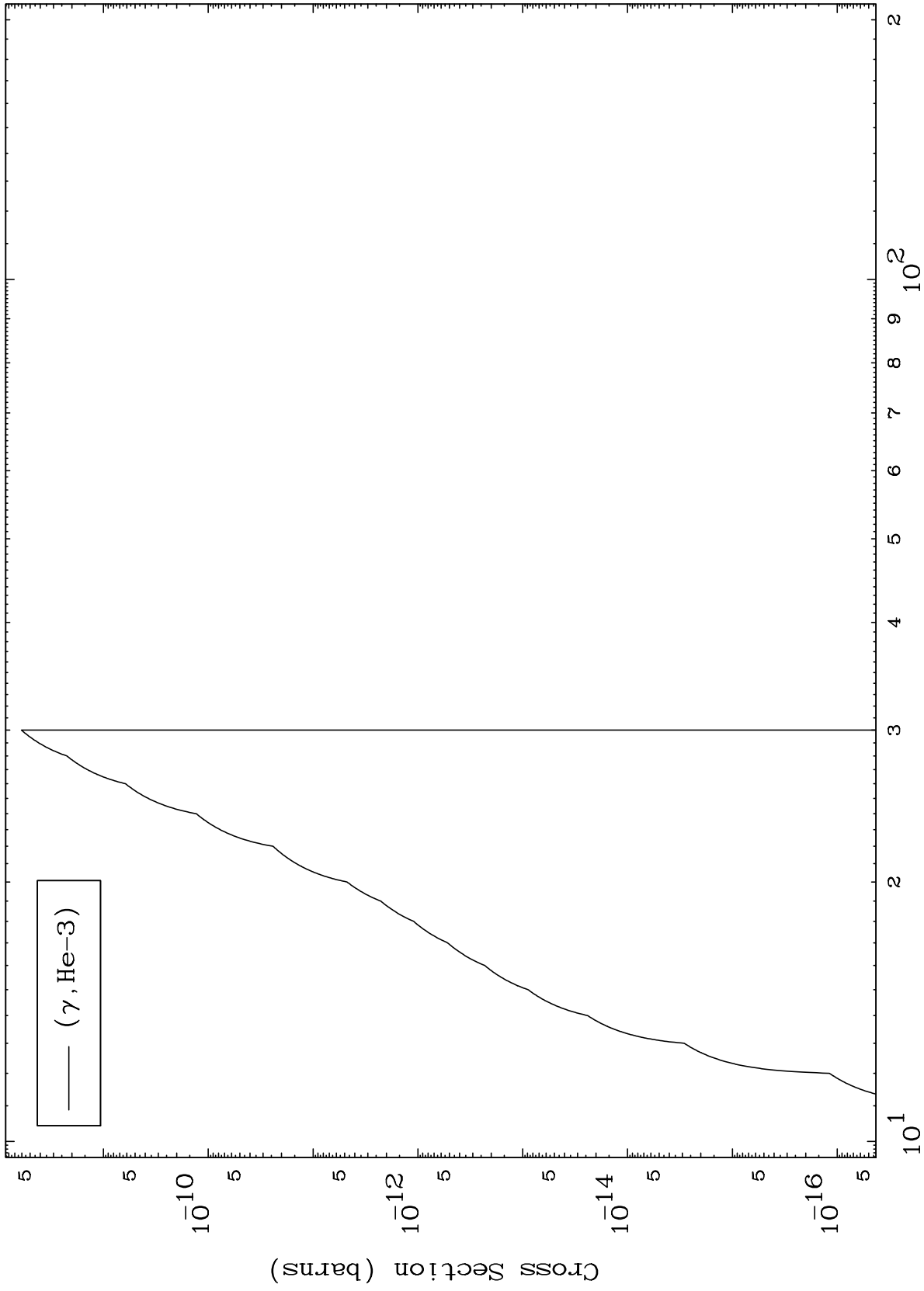
85-At-200



MAT 8517

(γ ,He3) Levels
0 Kelvin Cross Sections

85-At-200



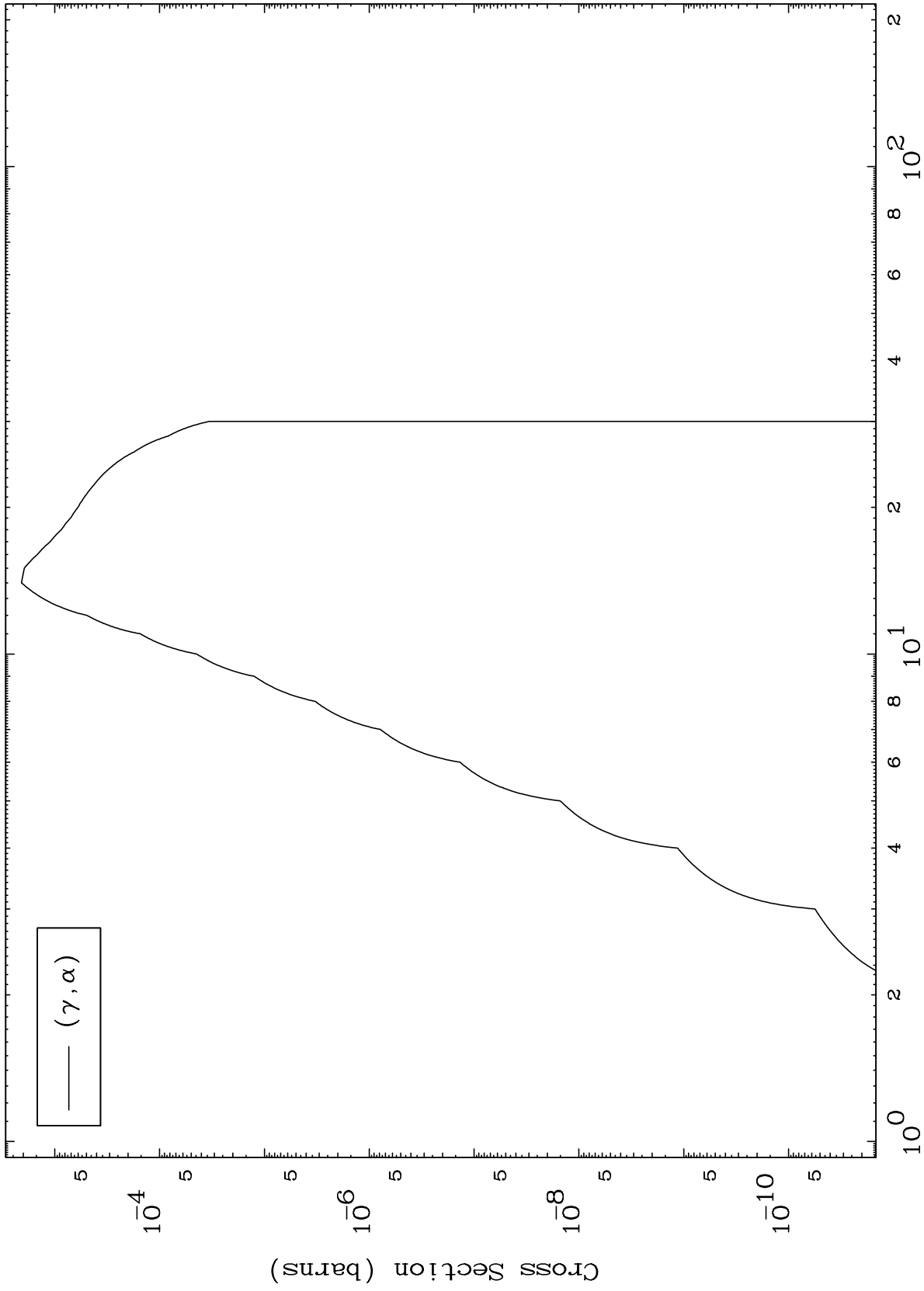
Incident Energy (MeV)

85-At-200

MAT 8517

(γ, α) Levels
0 Kelvin Cross Sections

85-At-200



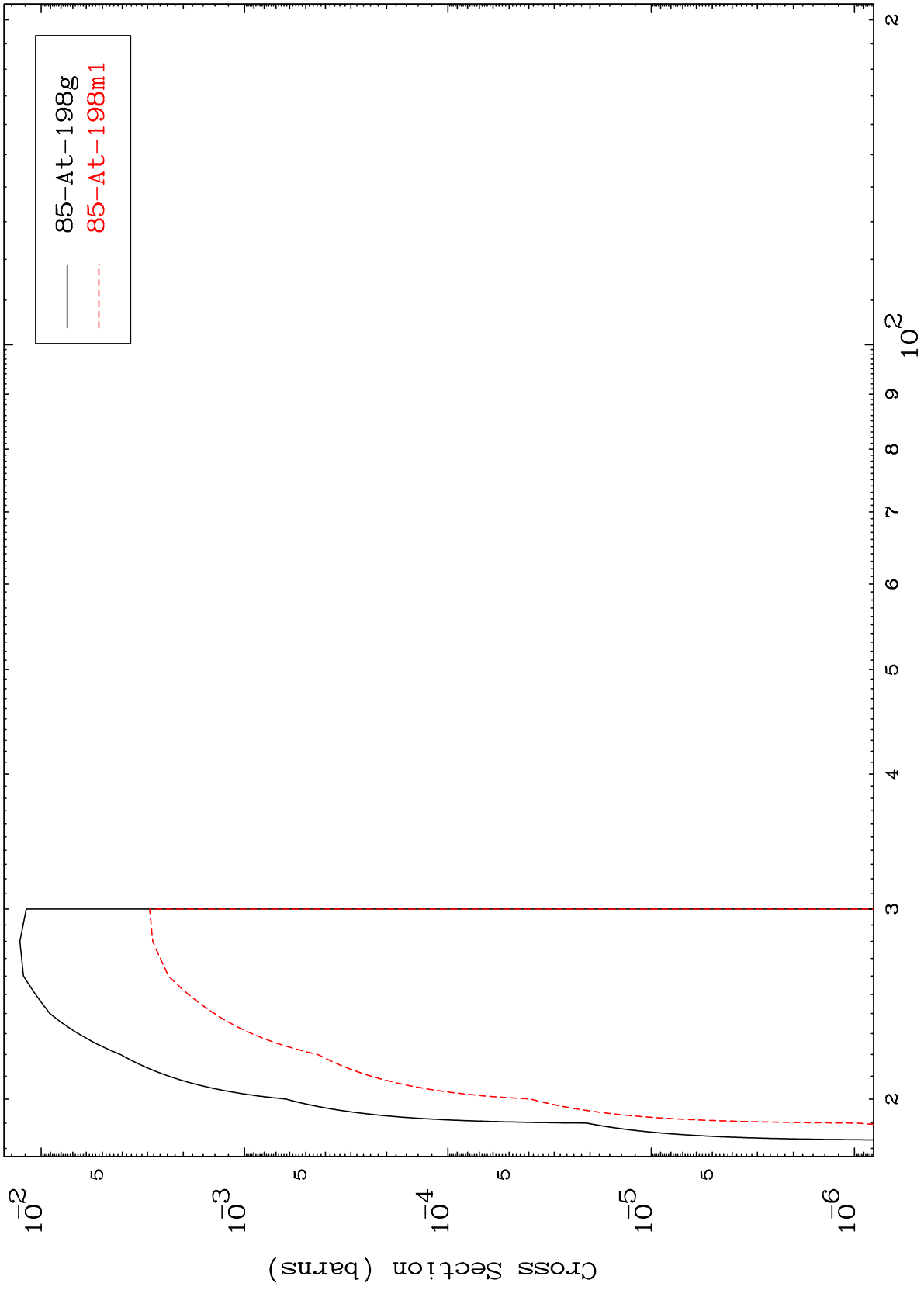
Incident Energy (MeV)

85-At-200

MAT 8517

85-At-200

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



11

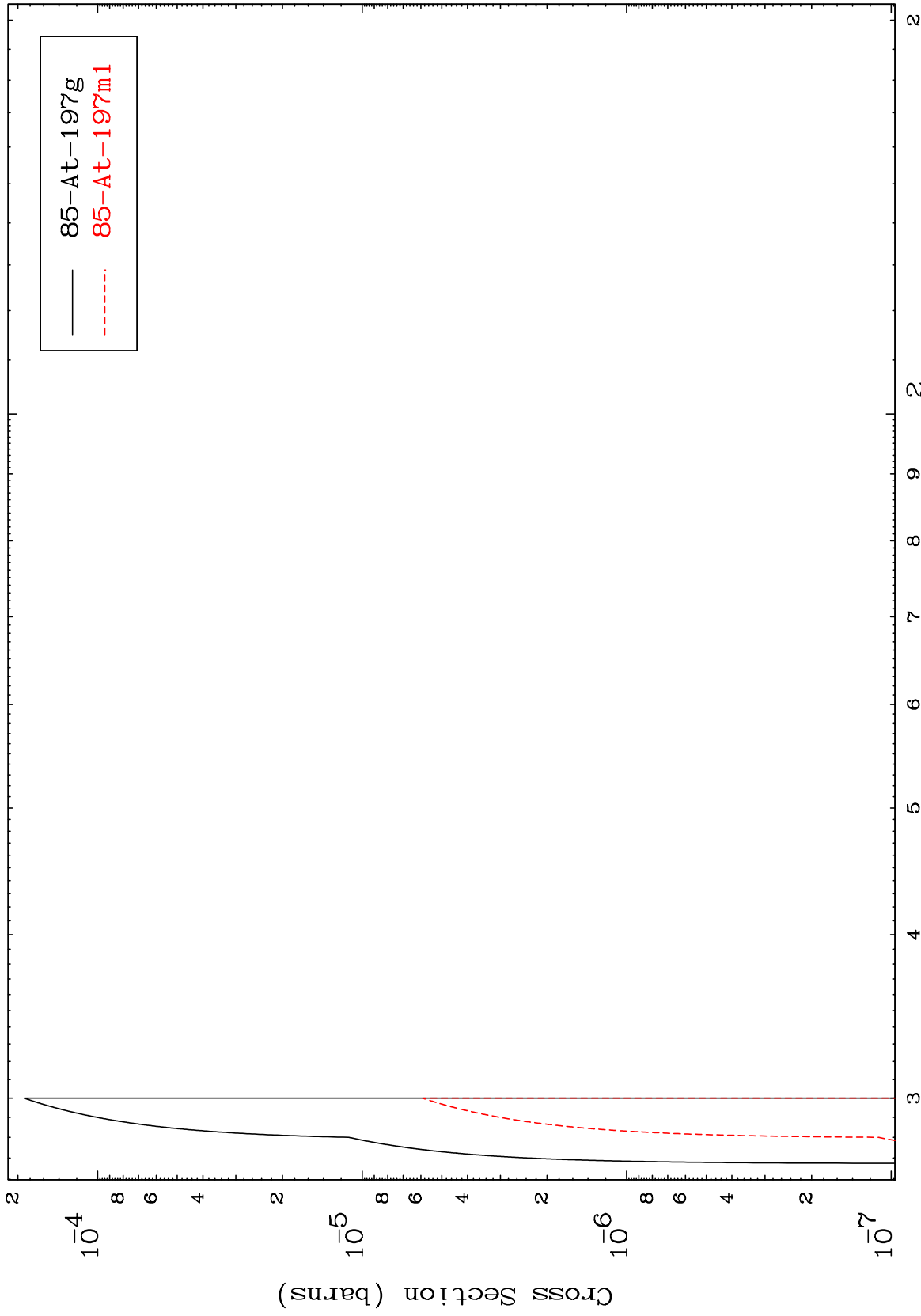
Incident Energy (MeV)

85-At-200

MAT 8517

85-At-200

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



12

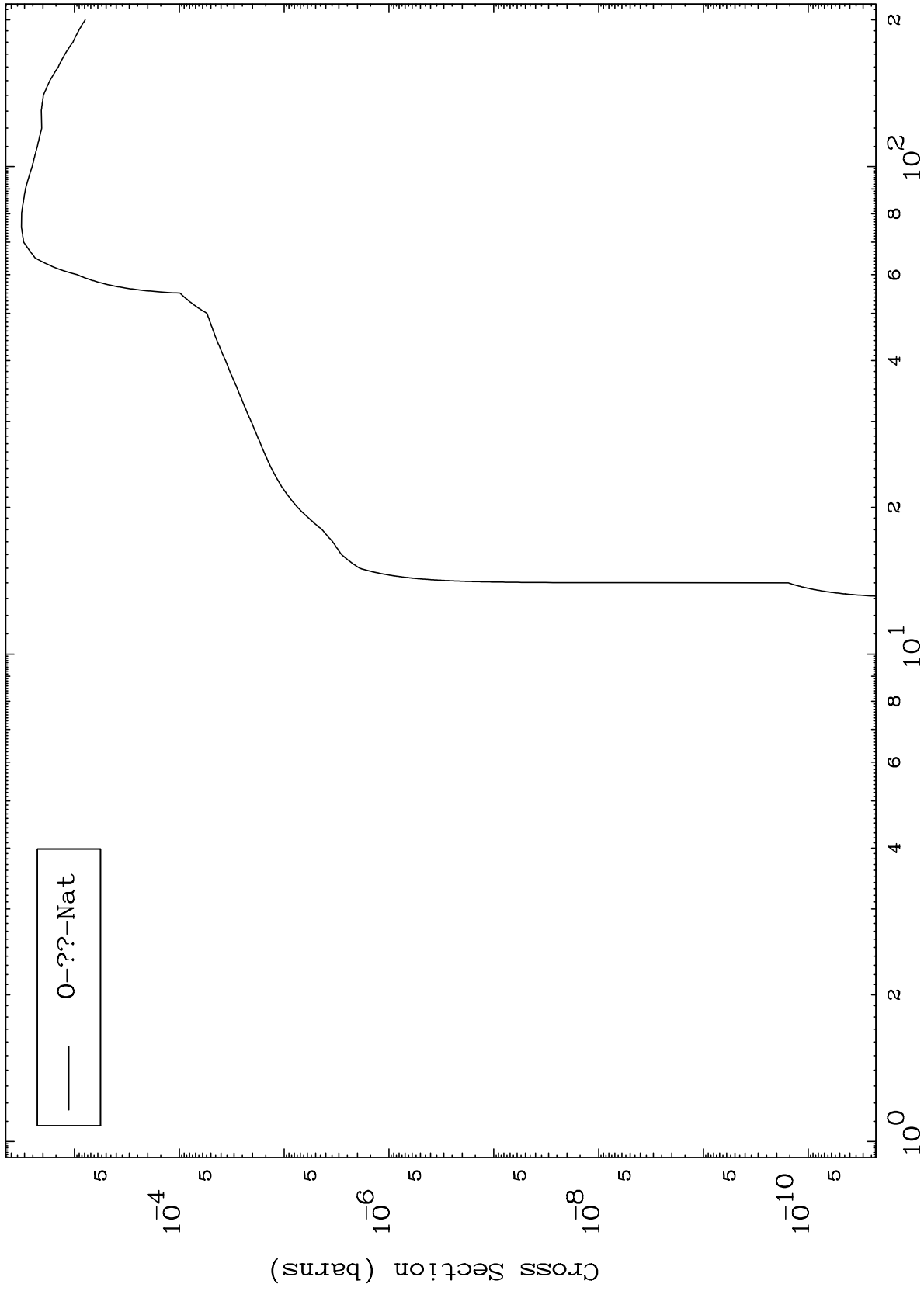
85-At-200

MAT 8517

Photon Fission

85-At-200

Radionuclide Production Cross Section



13

Incident Energy (MeV)

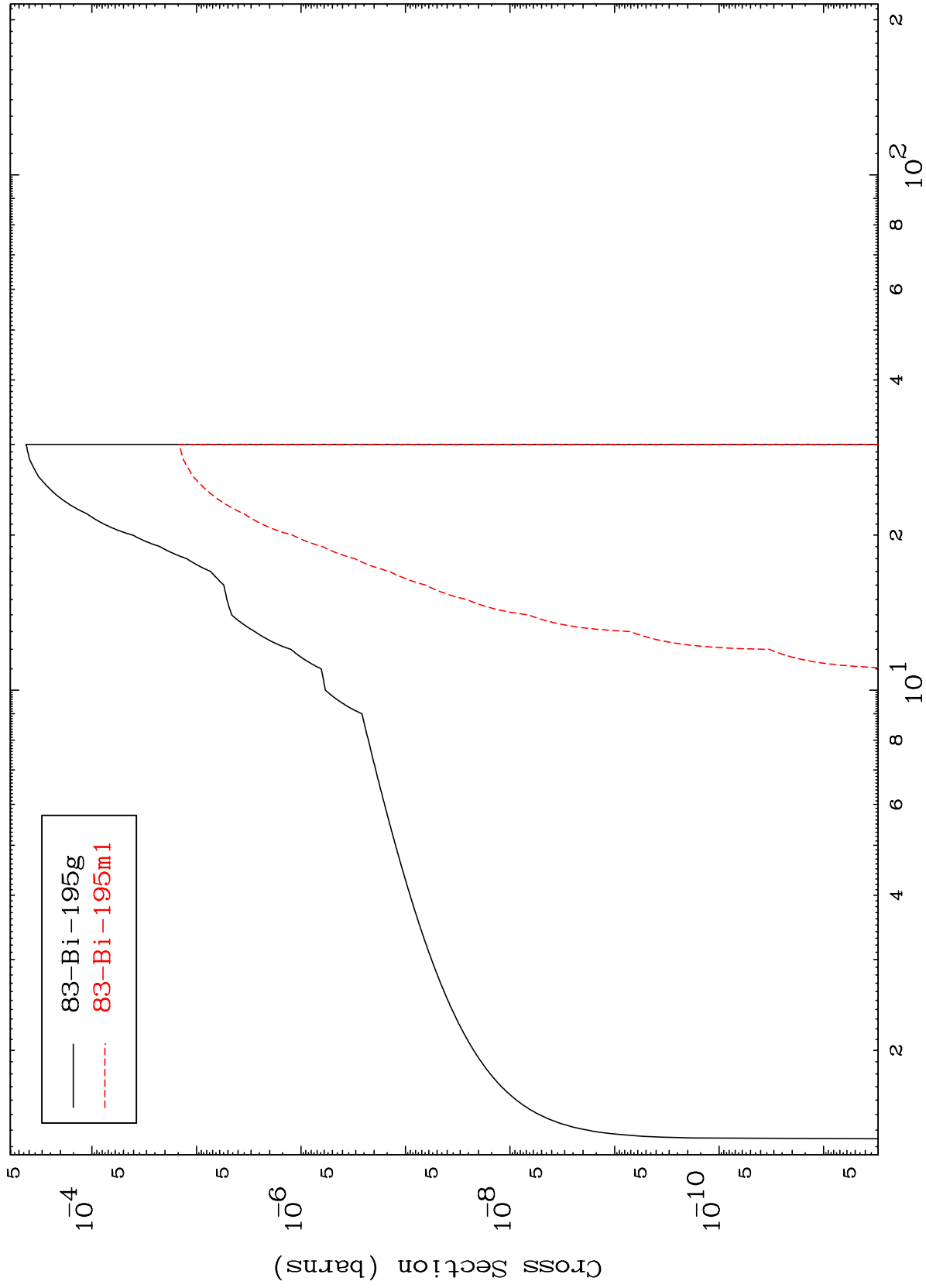
85-At-200

MAT 8517

(γ, n') α

85-At-200

Radionuclide Production Cross Section



14

Incident Energy (MeV)

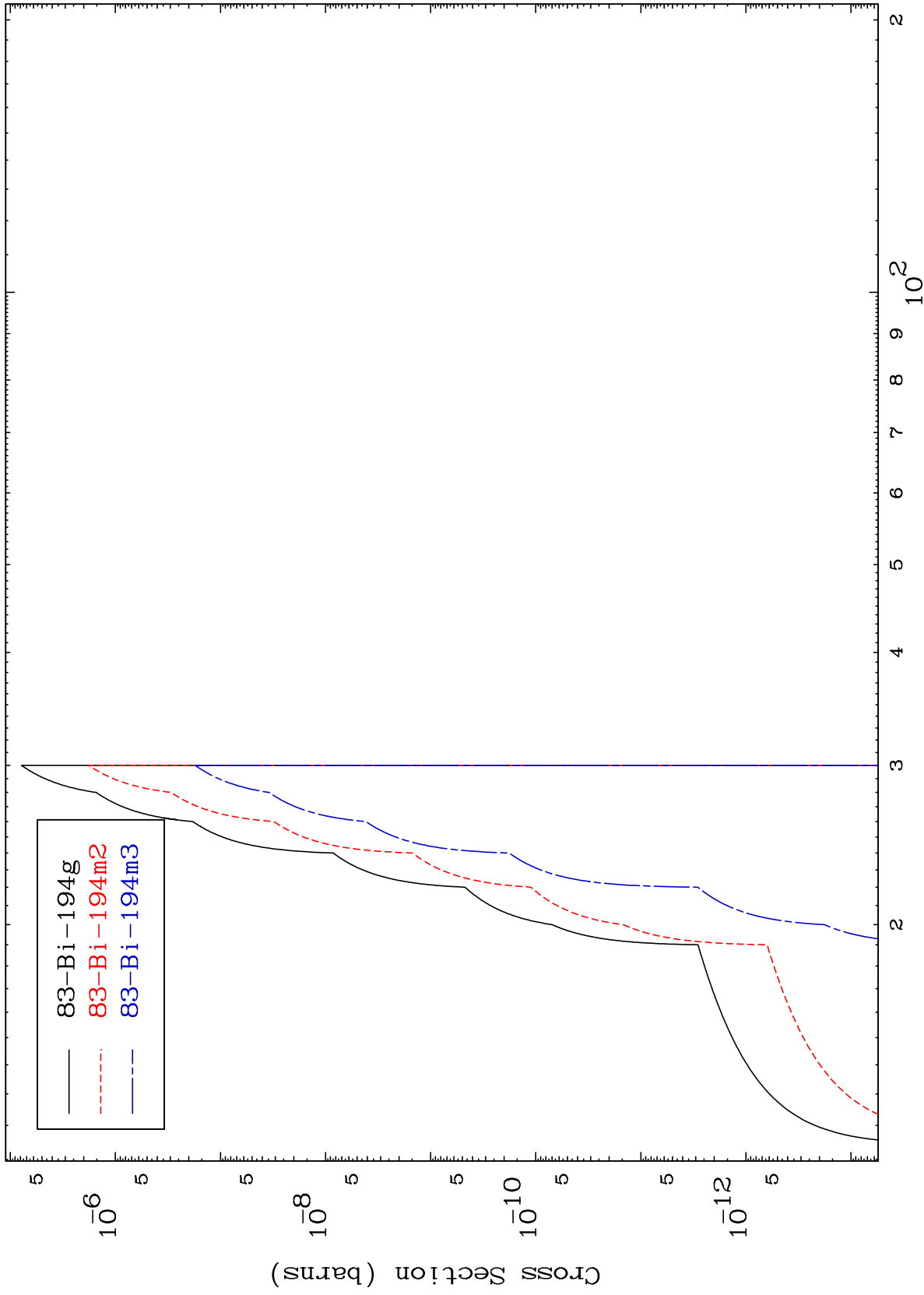
85-At-200

MAT 8517

($\gamma, 2n$) α

85-At-200

Radionuclide Production Cross Section



15

Incident Energy (MeV)

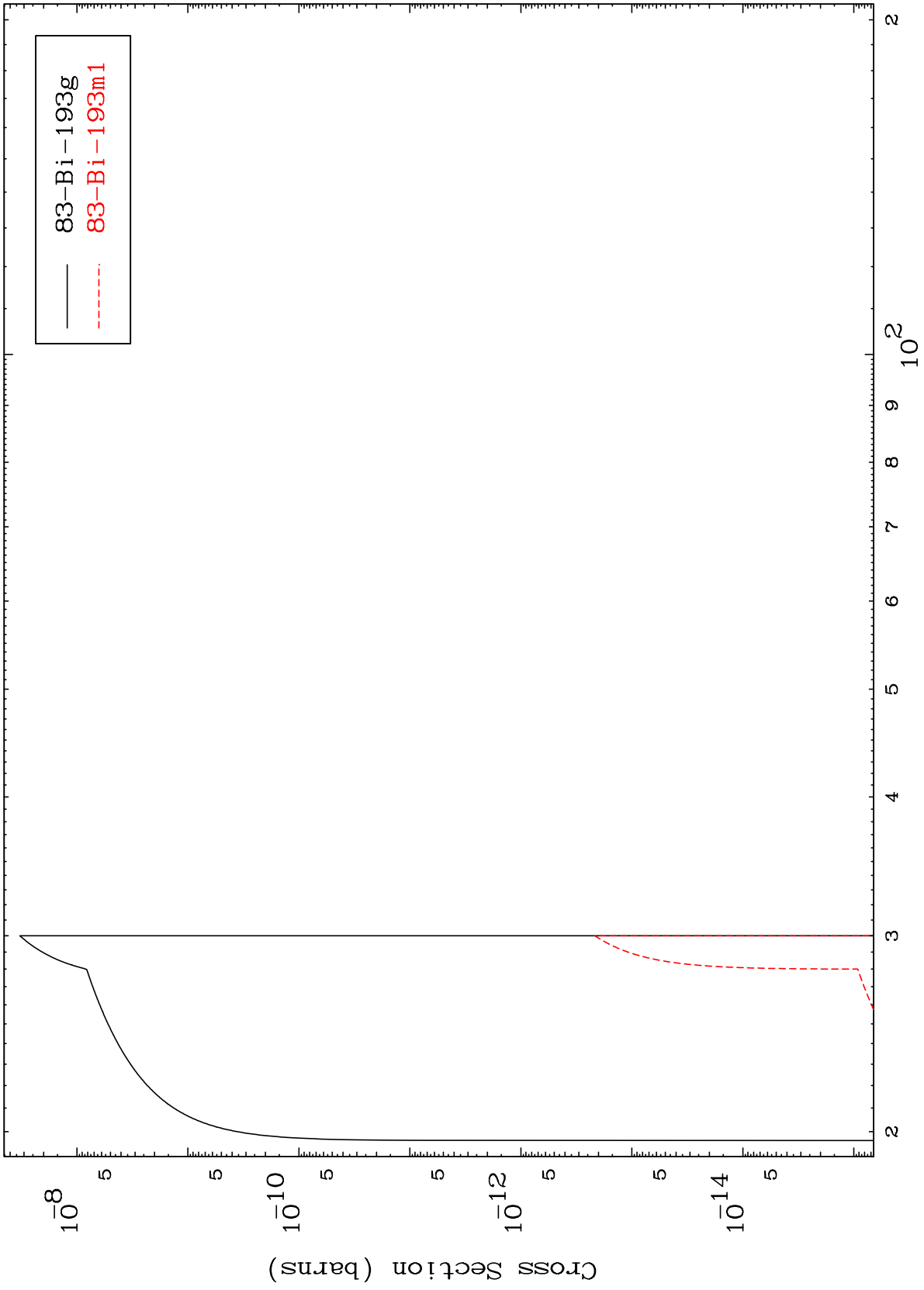
85-At-200

MAT 8517

($\gamma, 3n$) α

85-At-200

Radionuclide Production Cross Section



16

Incident Energy (MeV)

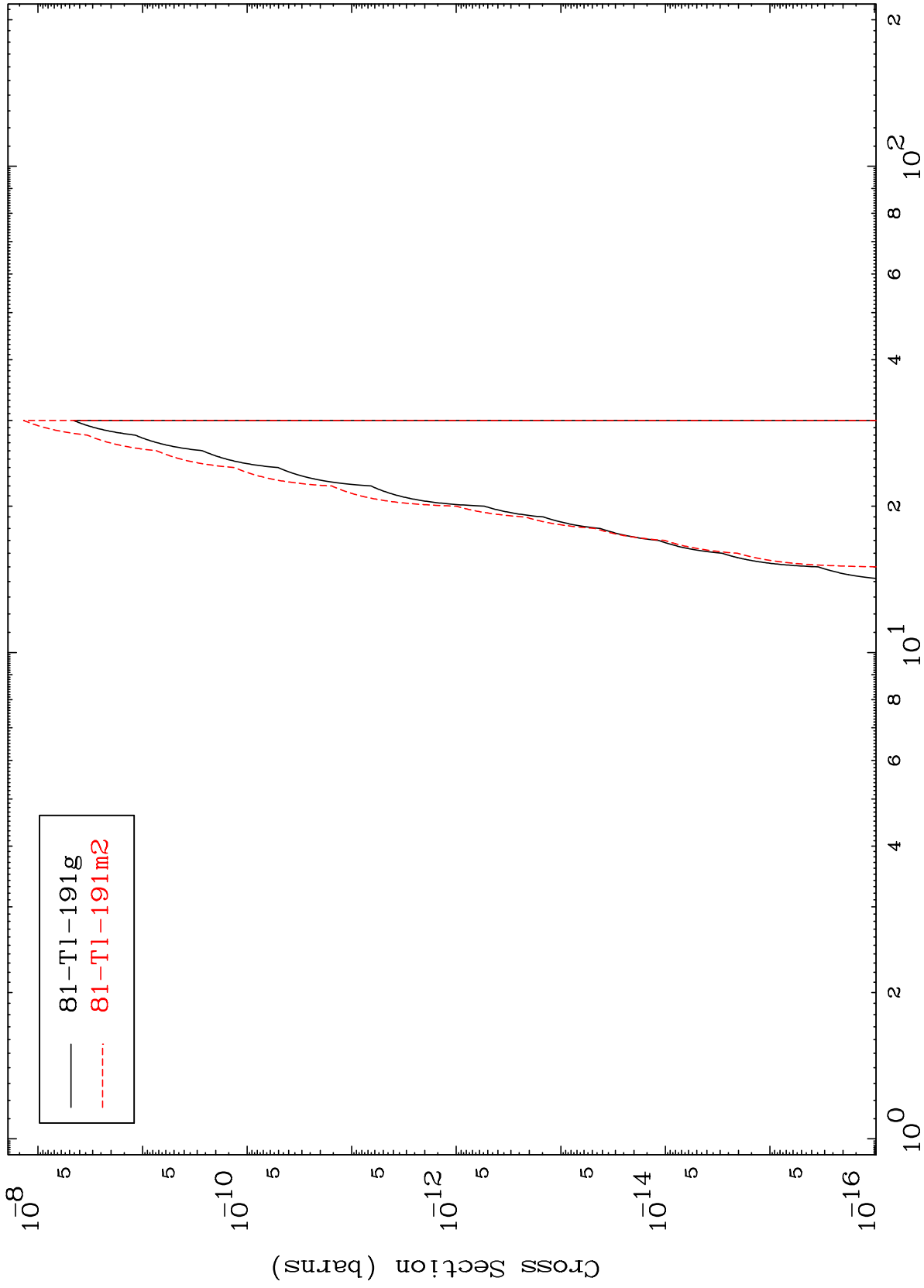
85-At-200

MAT 8517

(γ, n') 2α

85-At-200

Radionuclide Production Cross Section



17

Incident Energy (MeV)

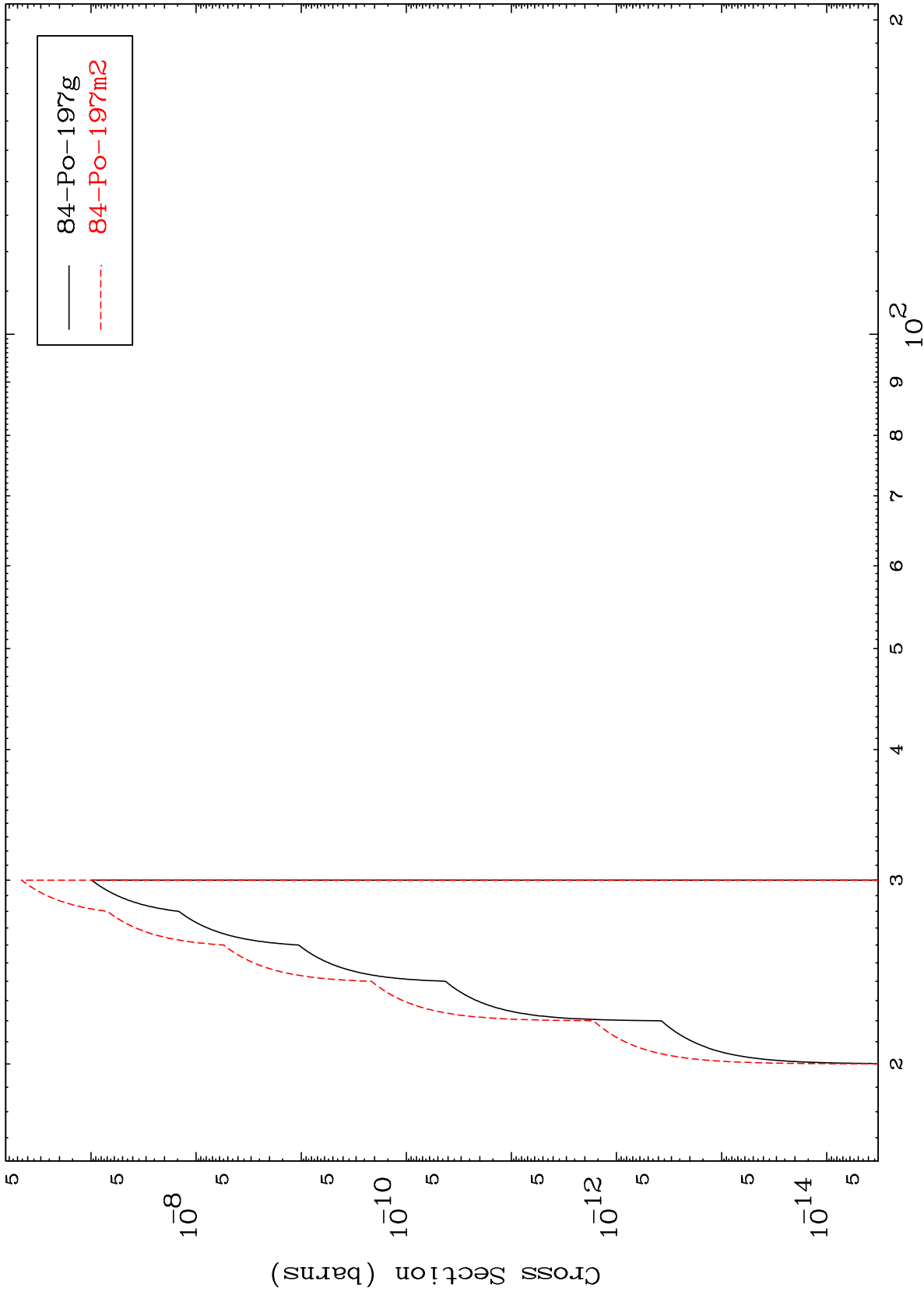
85-At-200

MAT 8517

(γ, n') d

85-At-200

Radionuclide Production Cross Section



18

Incident Energy (MeV)

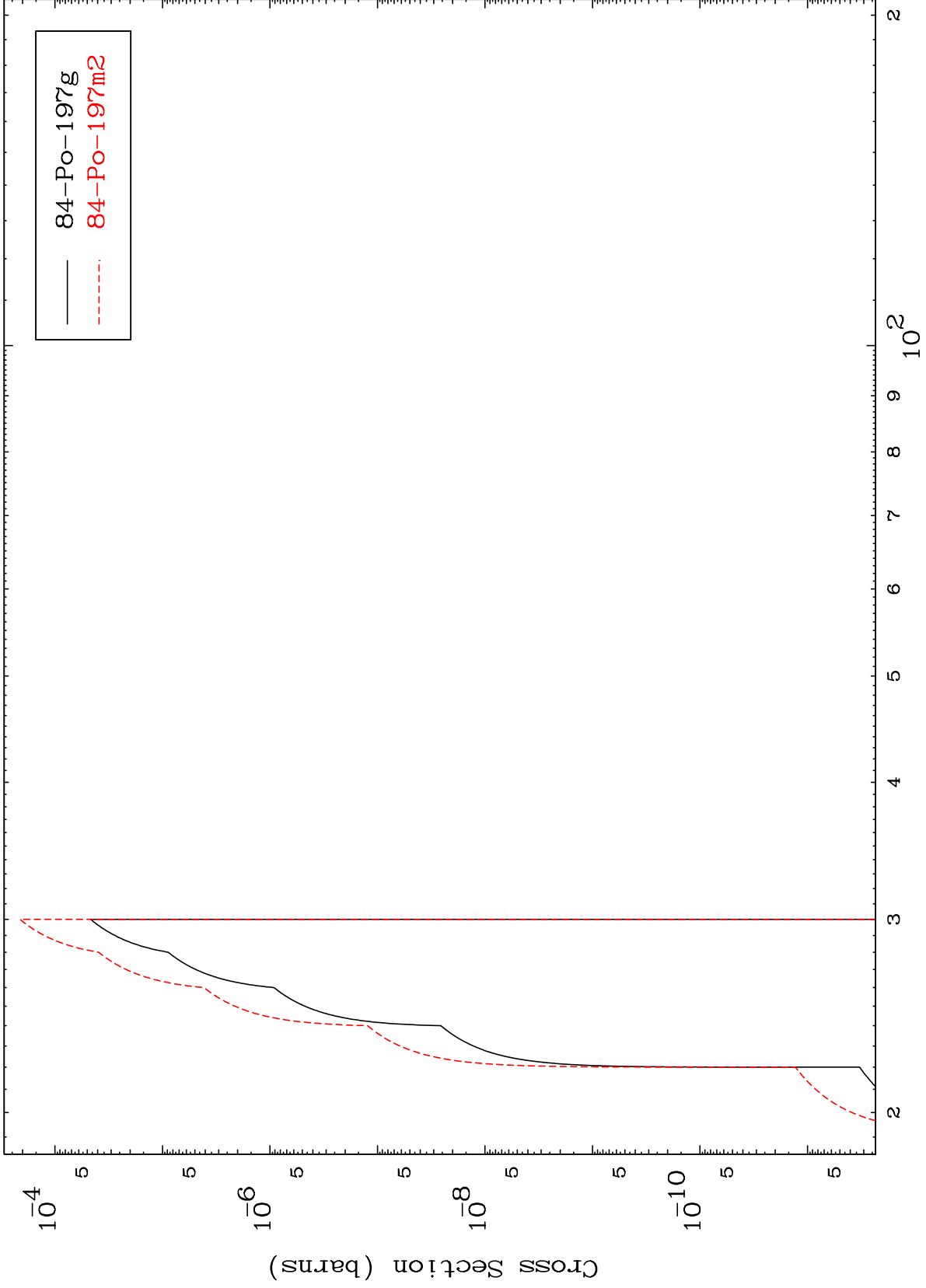
85-At-200

MAT 8517

($\gamma, 2n$) p

85-At-200

Radionuclide Production Cross Section



19

Incident Energy (MeV)

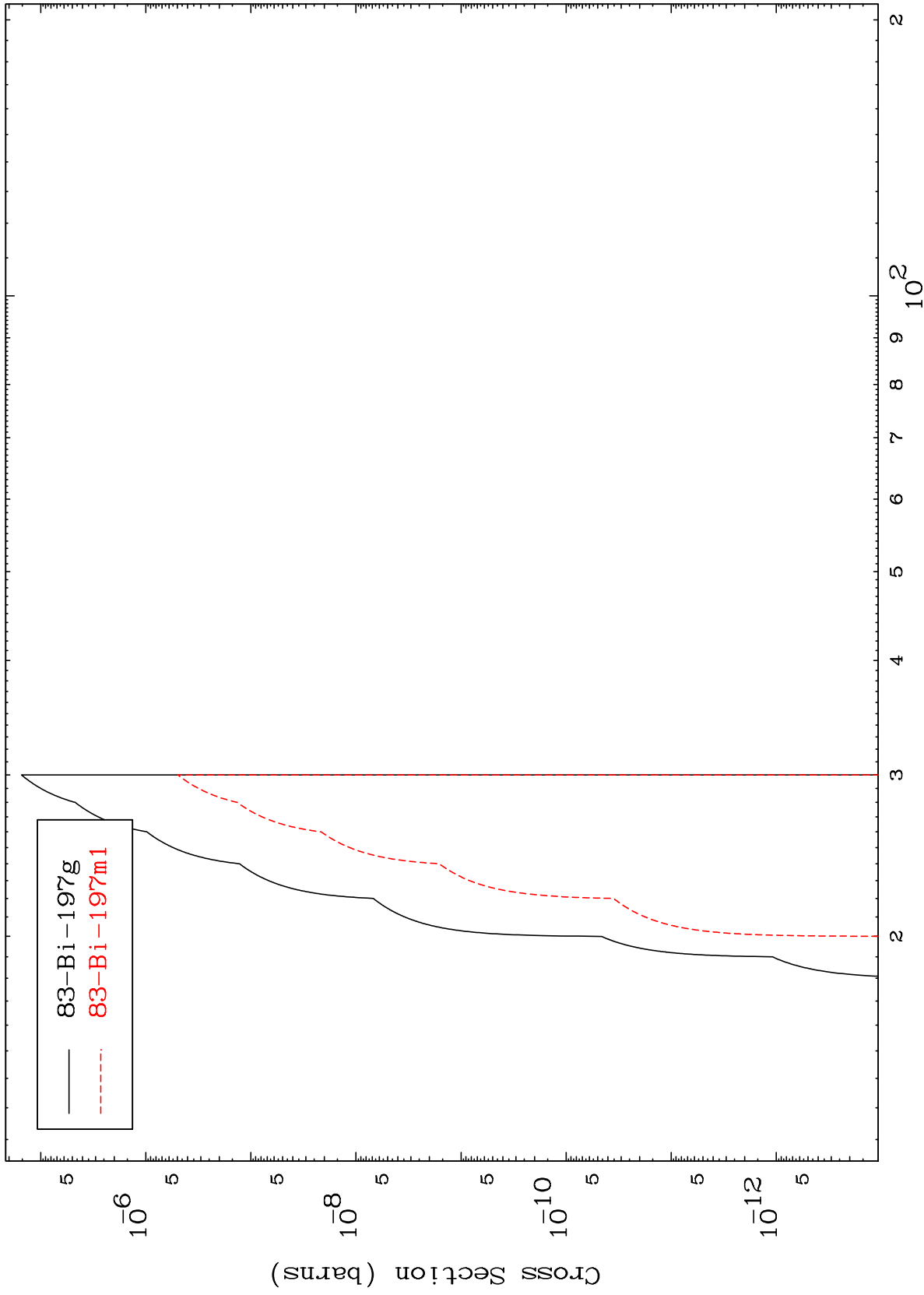
85-At-200

MAT 8517

($\gamma, 2n$) p

85-At-200

Radionuclide Production Cross Section



20

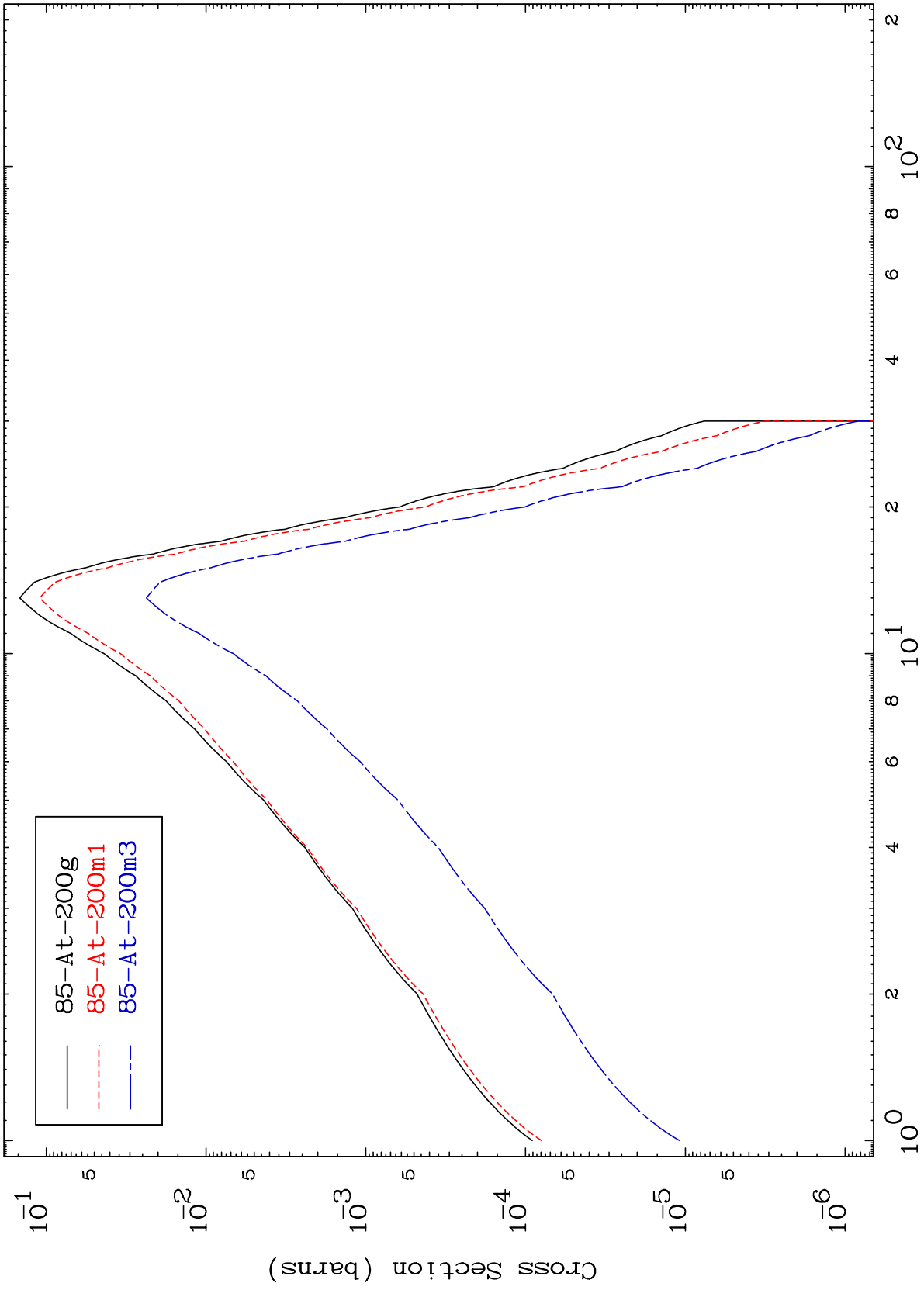
Incident Energy (MeV)

85-At-200

MAT 8517

85-At-200

Radionuclide Production Cross Section (γ, γ)



21

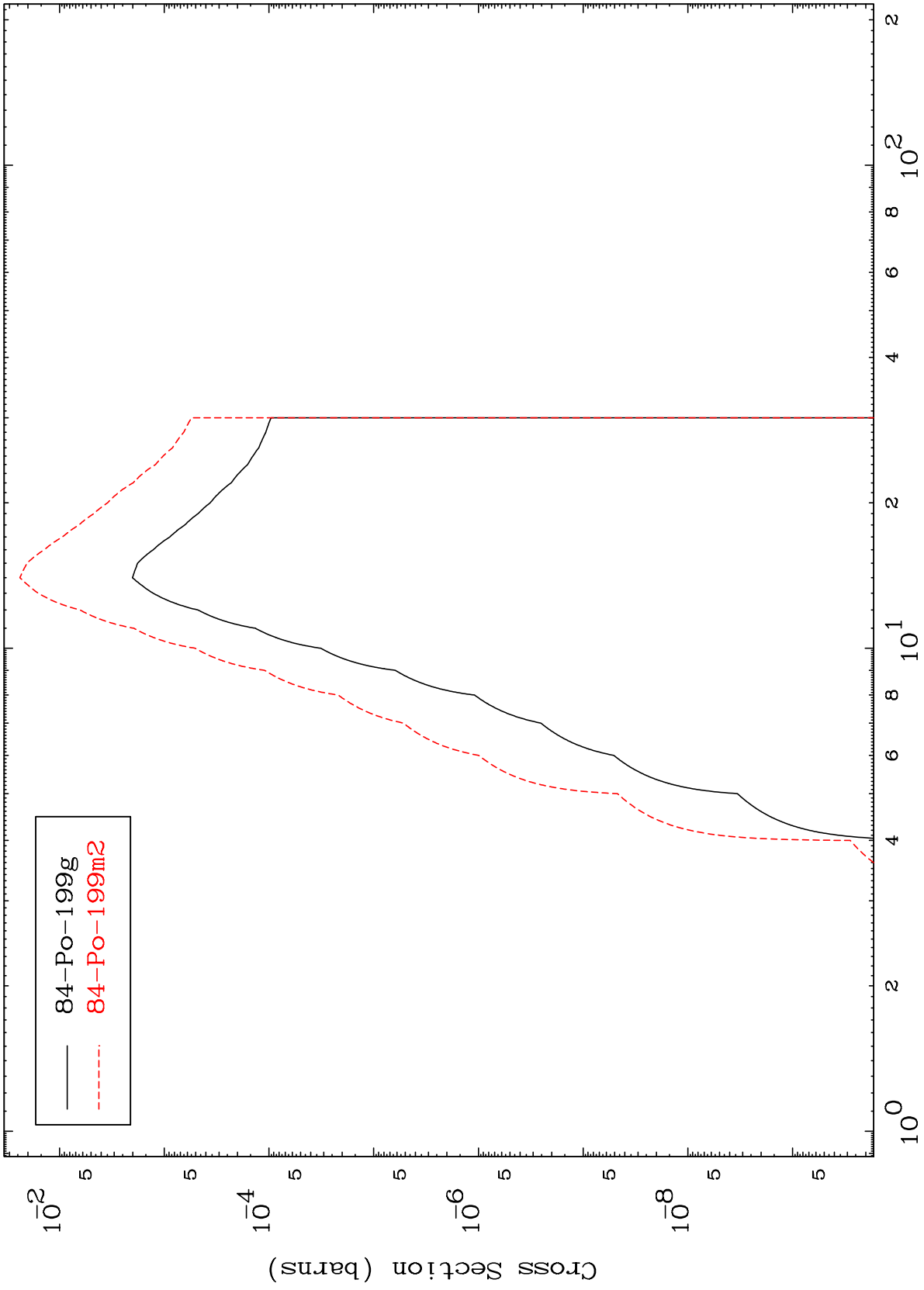
Incident Energy (MeV)

85-At-200

MAT 8517

85-At-200

Radionuclide Production Cross Section
(γ, p)



22

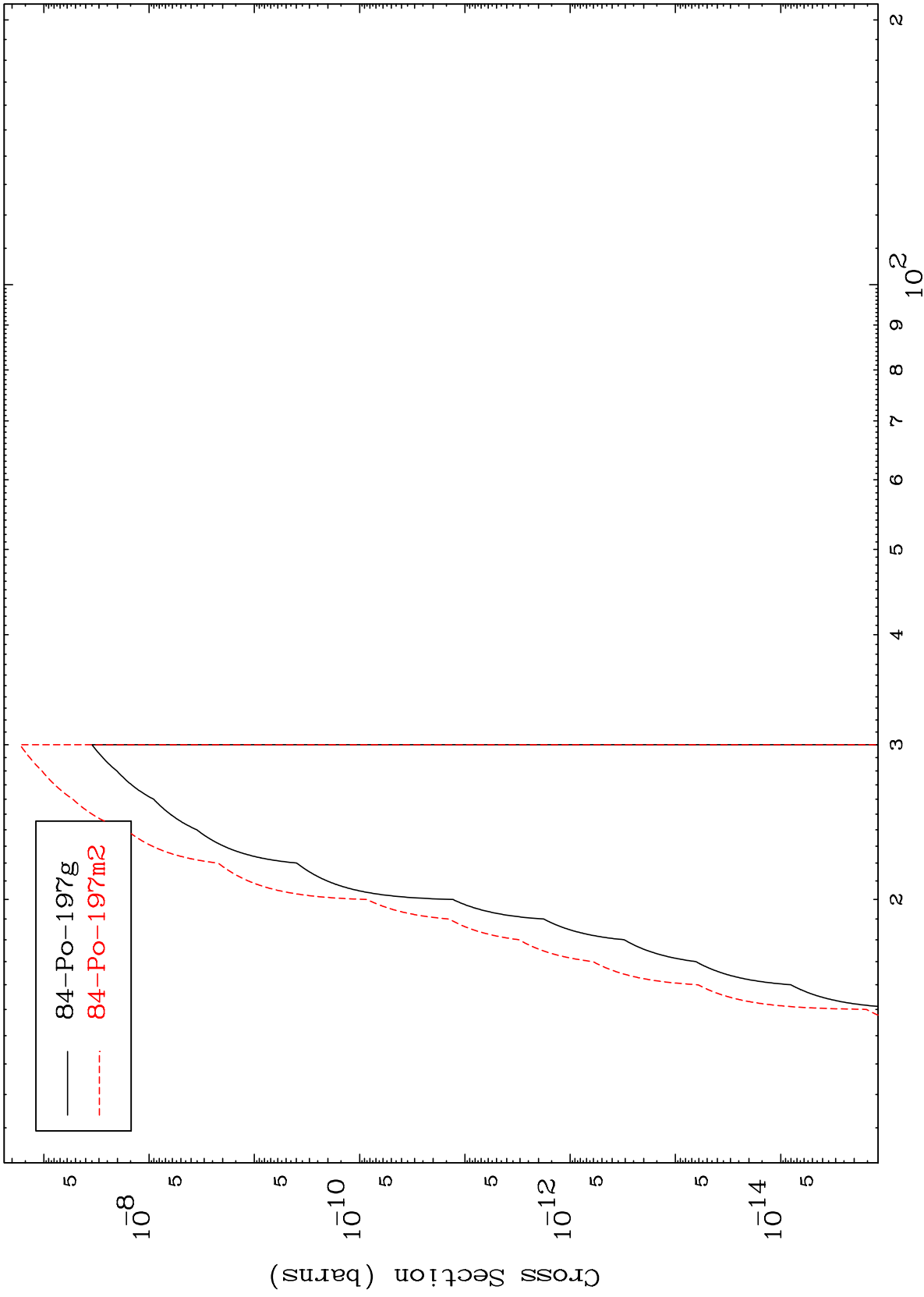
Incident Energy (MeV)

85-At-200

MAT 8517

85-At-200

(γ, t)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

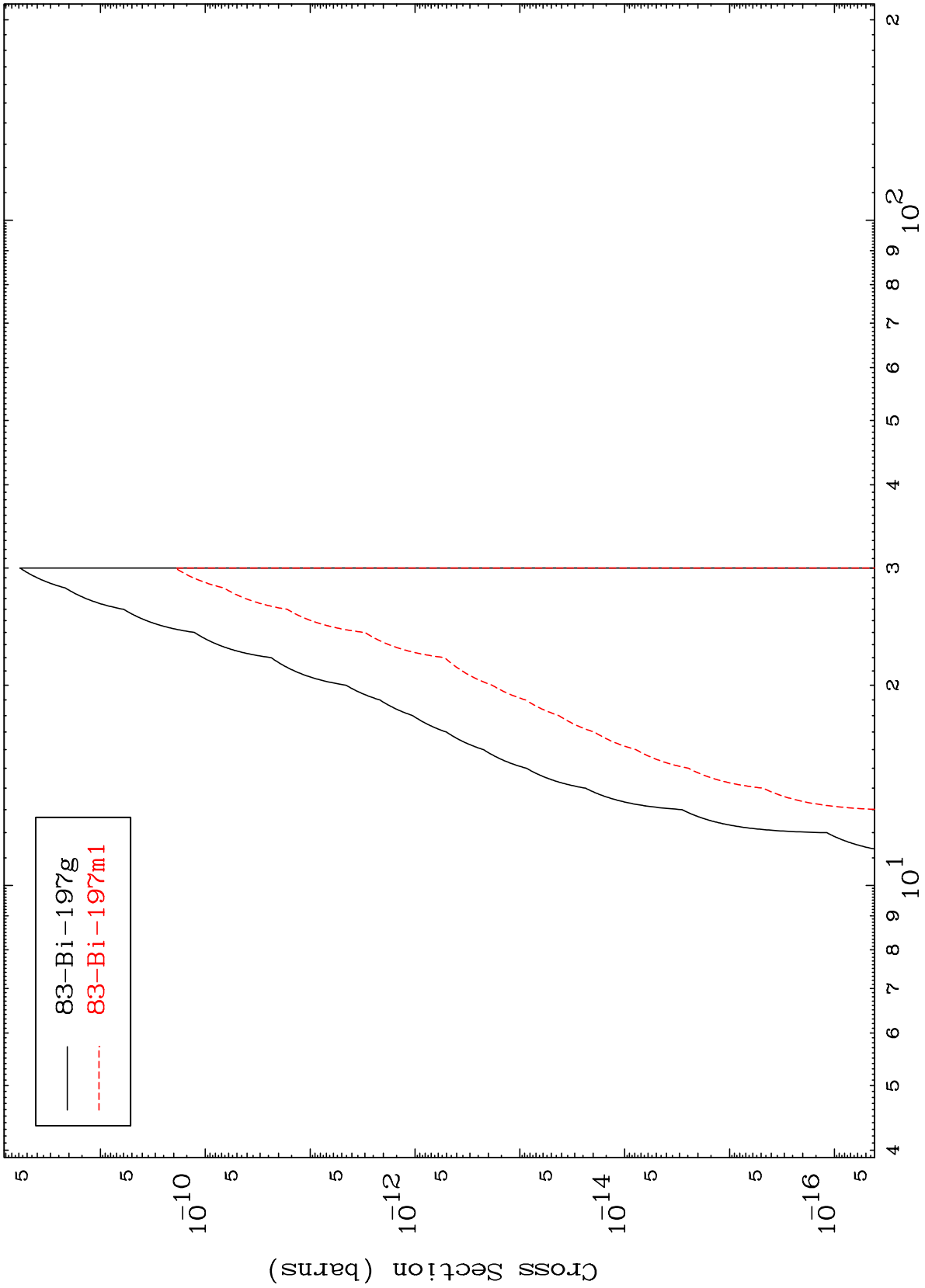
85-At-200

MAT 8517

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

85-At-200

Radionuclide Production Cross Section



24

Incident Energy (MeV)

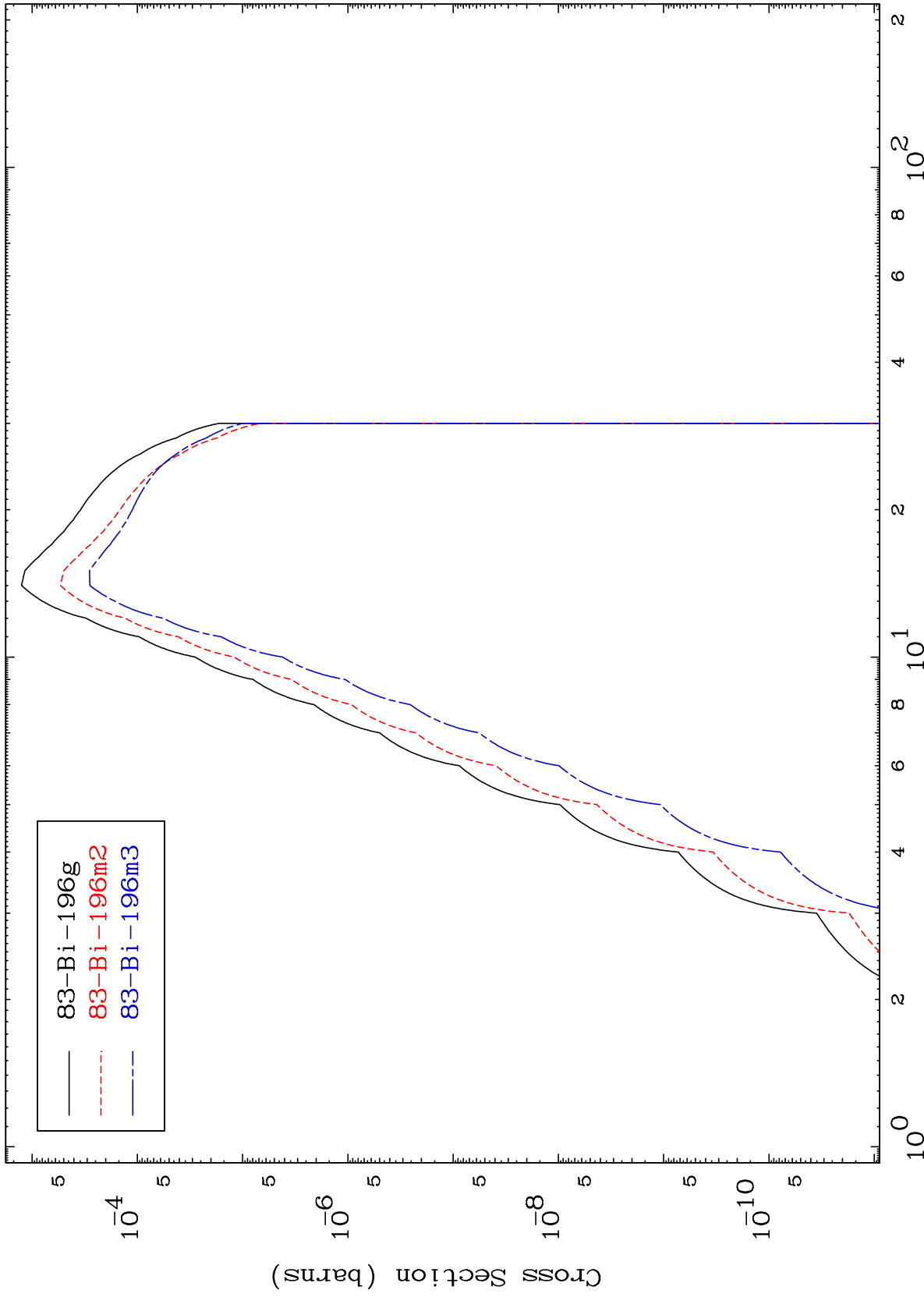
85-At-200

MAT 8517

85-At-200

Radionuclide Production Cross Section

(γ, α)



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

25

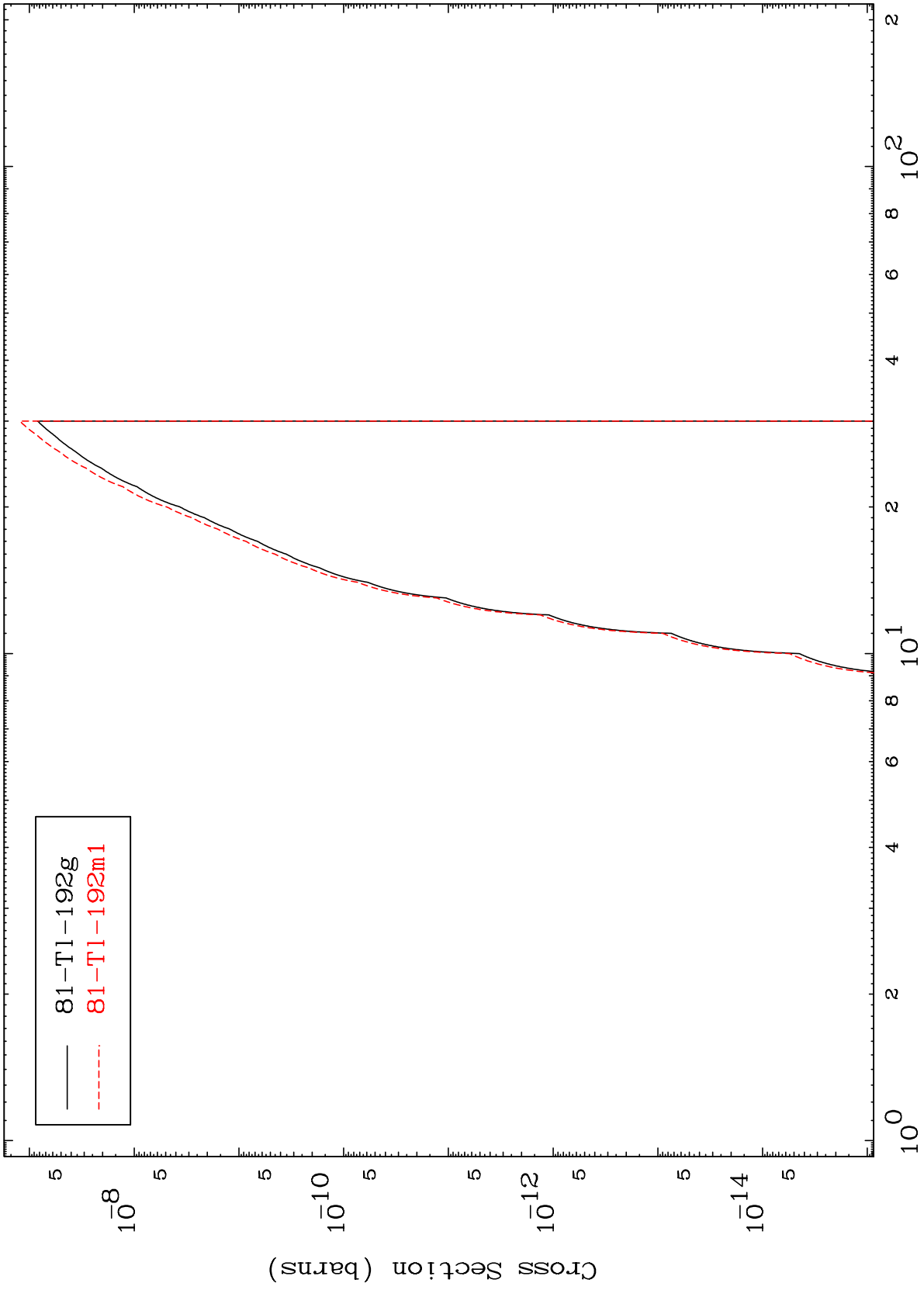
Incident Energy (MeV)

85-At-200

MAT 8517

85-At-200

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



26

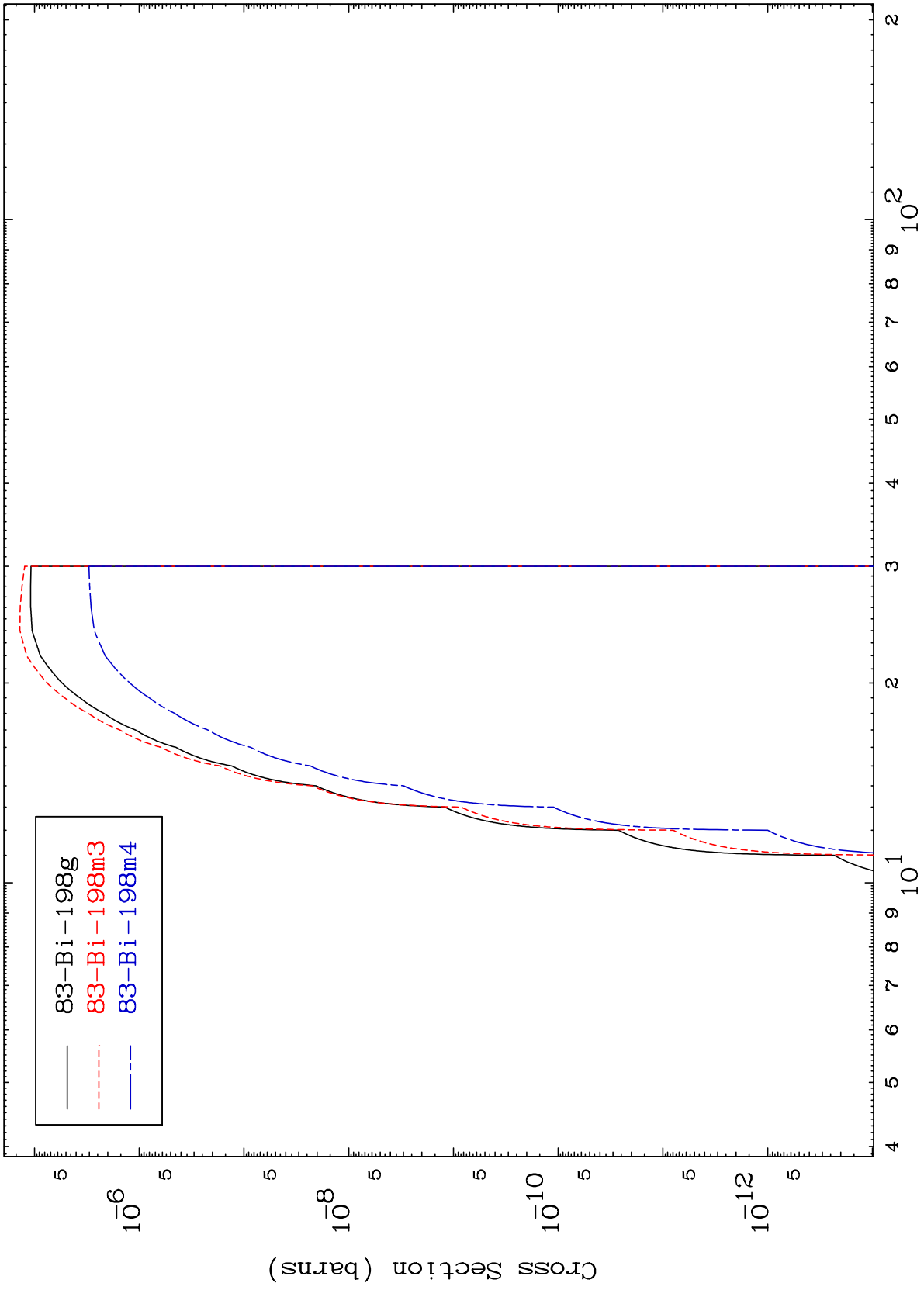
Incident Energy (MeV)

85-At-200

MAT 8517

85-At-200

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



27

Incident Energy (MeV)

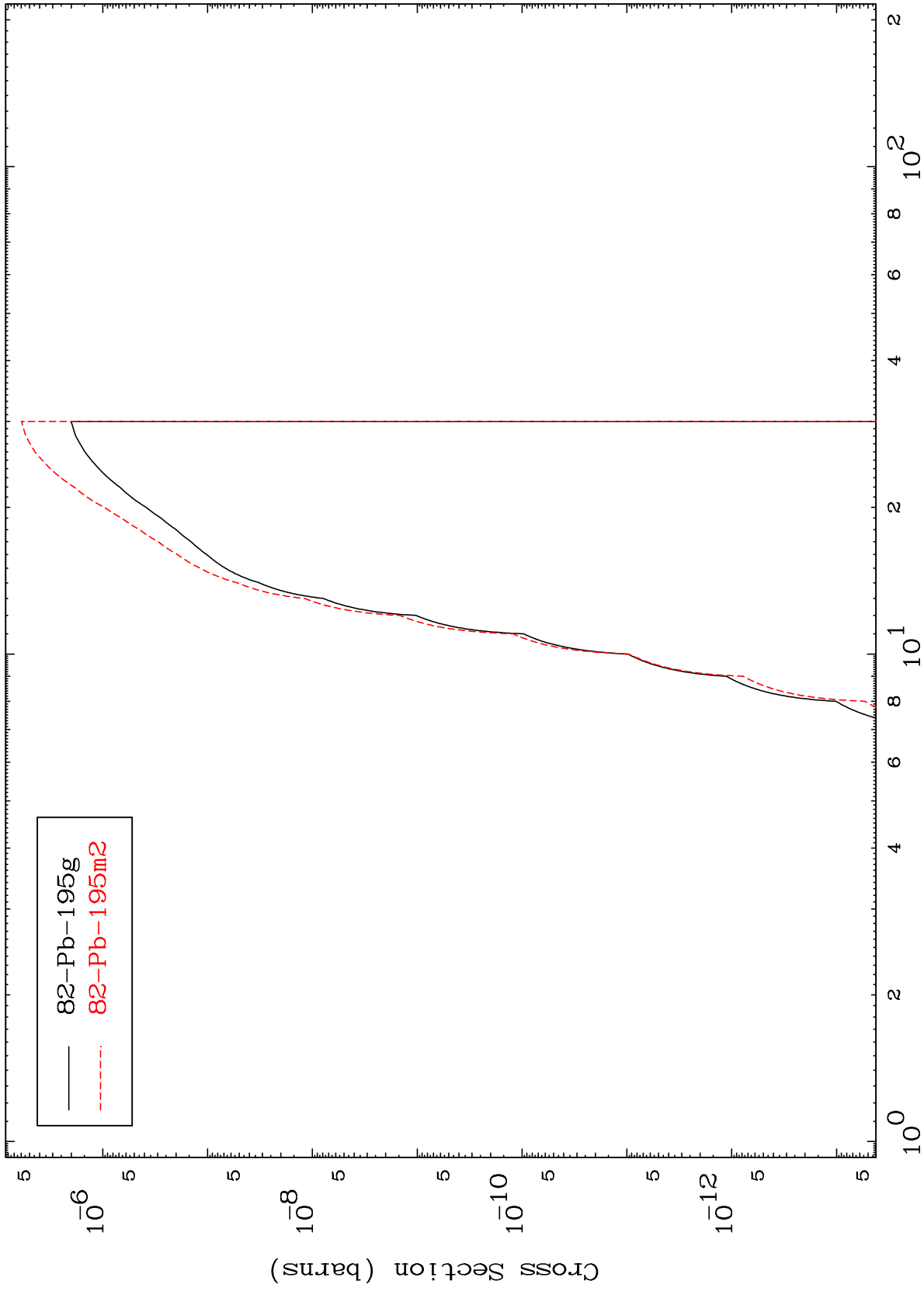
85-At-200

MAT 8517

(γ, p) α

85-At-200

Radionuclide Production Cross Section



28

Incident Energy (MeV)

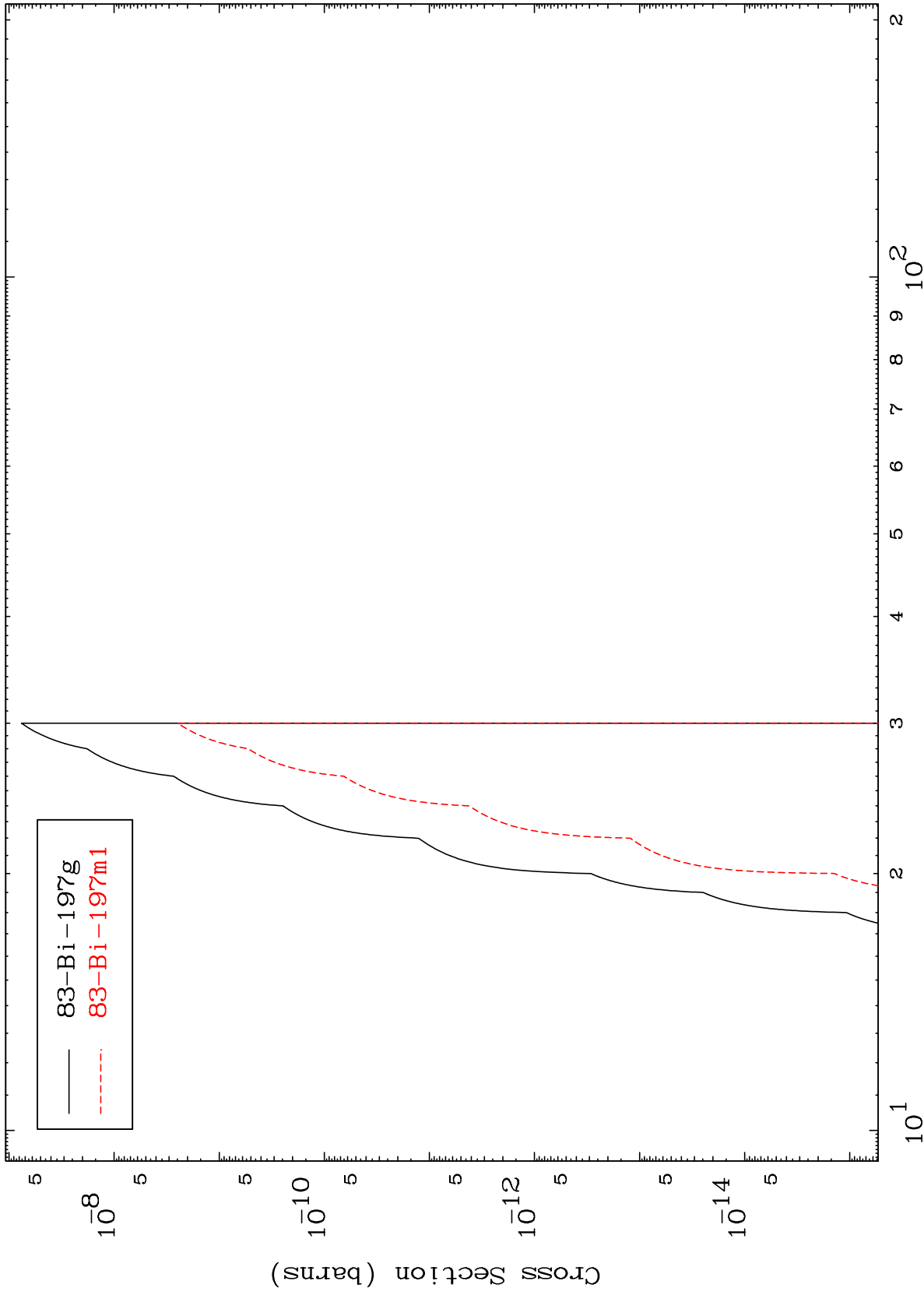
85-At-200

MAT 8517

(γ, p) d

85-At-200

Radionuclide Production Cross Section



29

Incident Energy (MeV)

85-At-200