

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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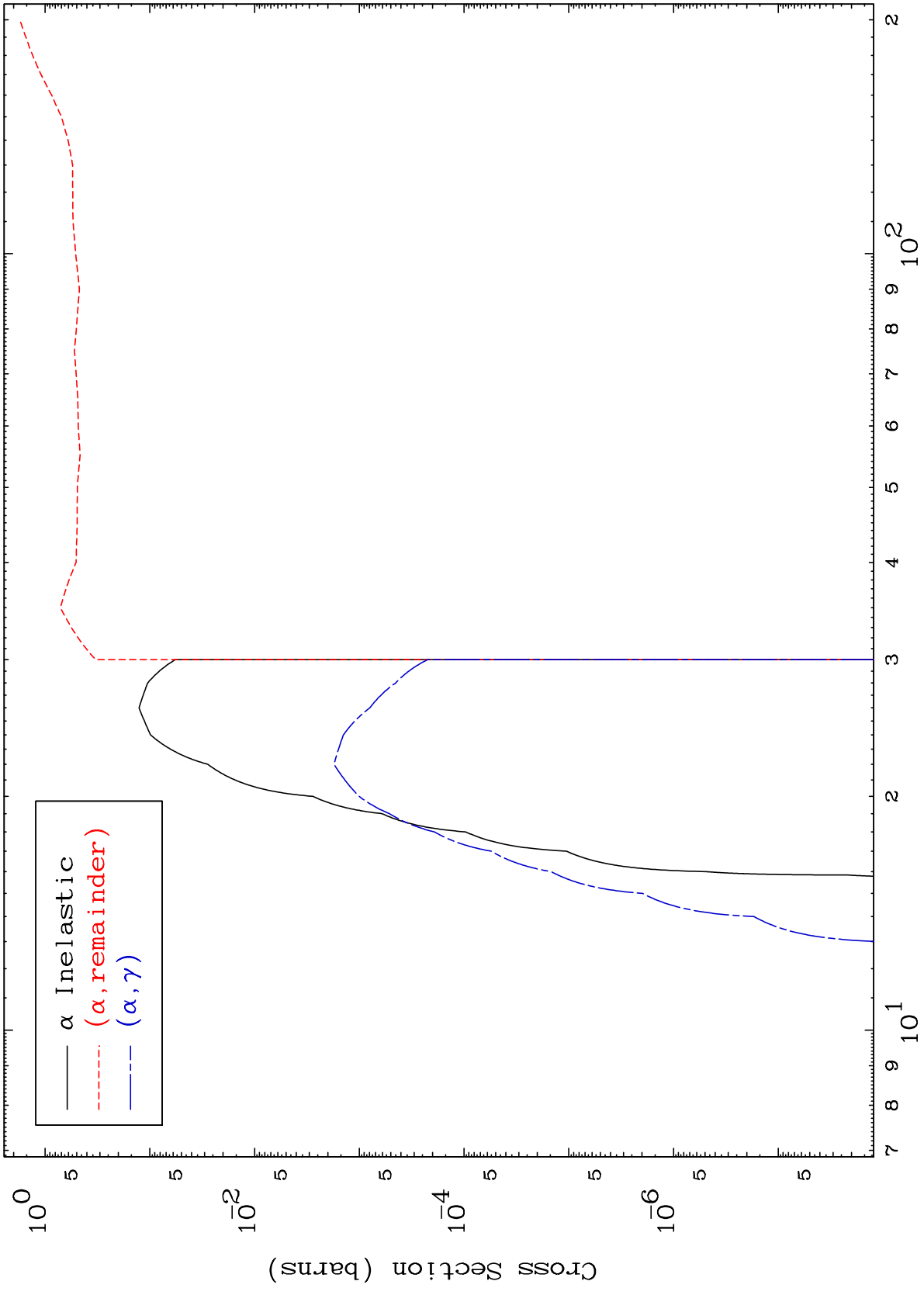
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8517

0 Kelvin α Major
Cross Sections

85-At-200



1

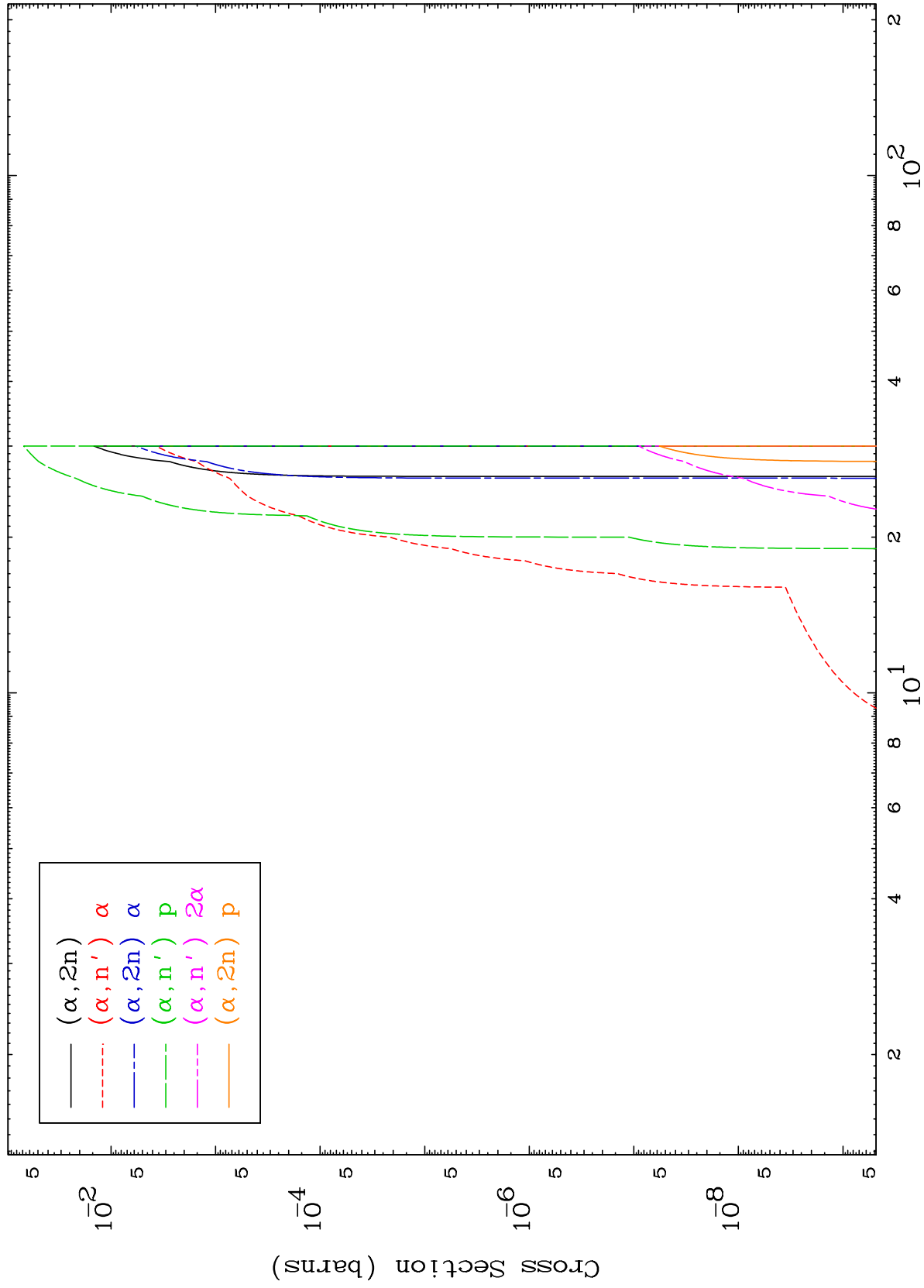
Incident Energy (MeV)

85-At-200

MAT 8517

α Neutron Production
0 Kelvin Cross Sections

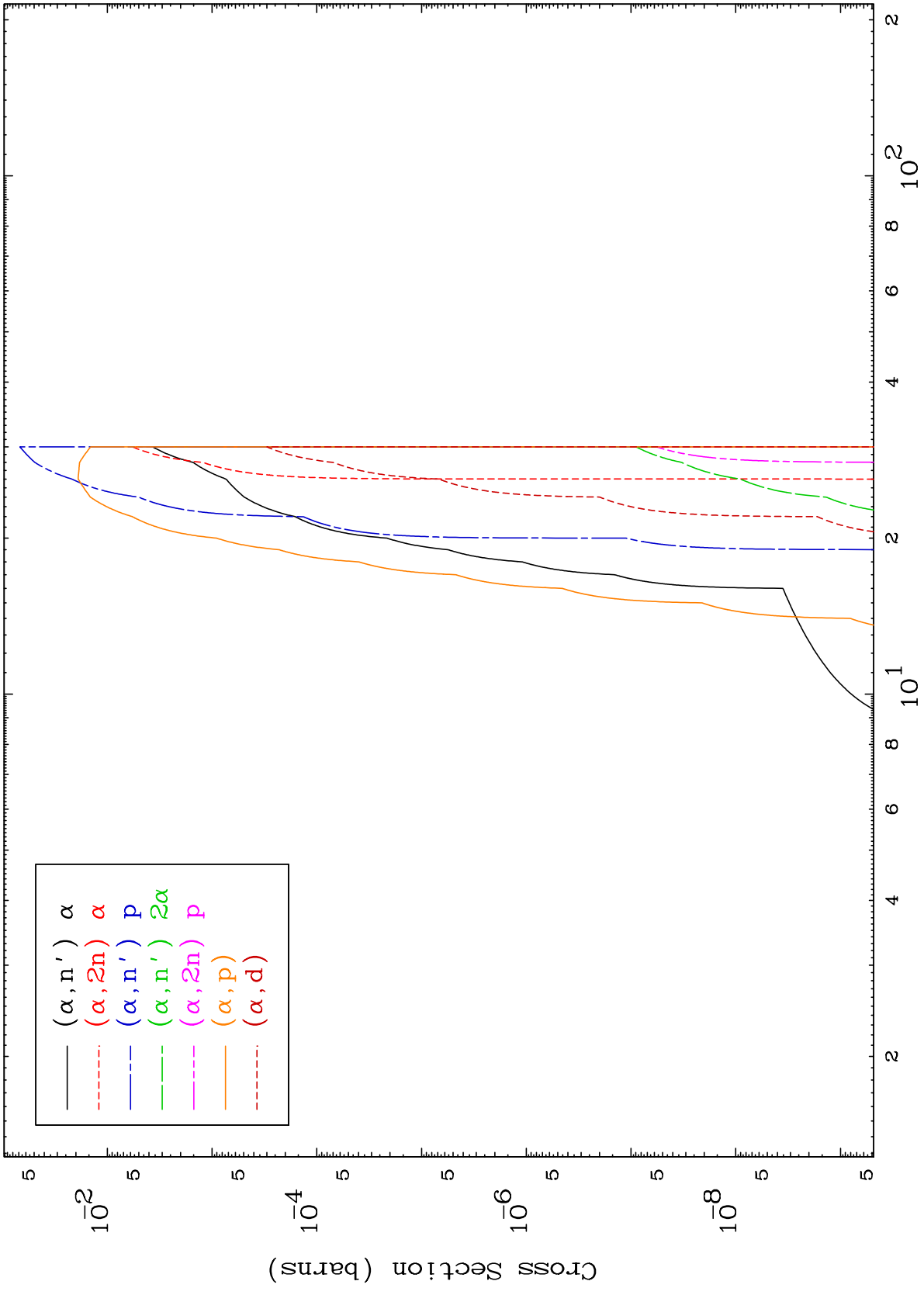
85-At-200



2

Incident Energy (MeV)

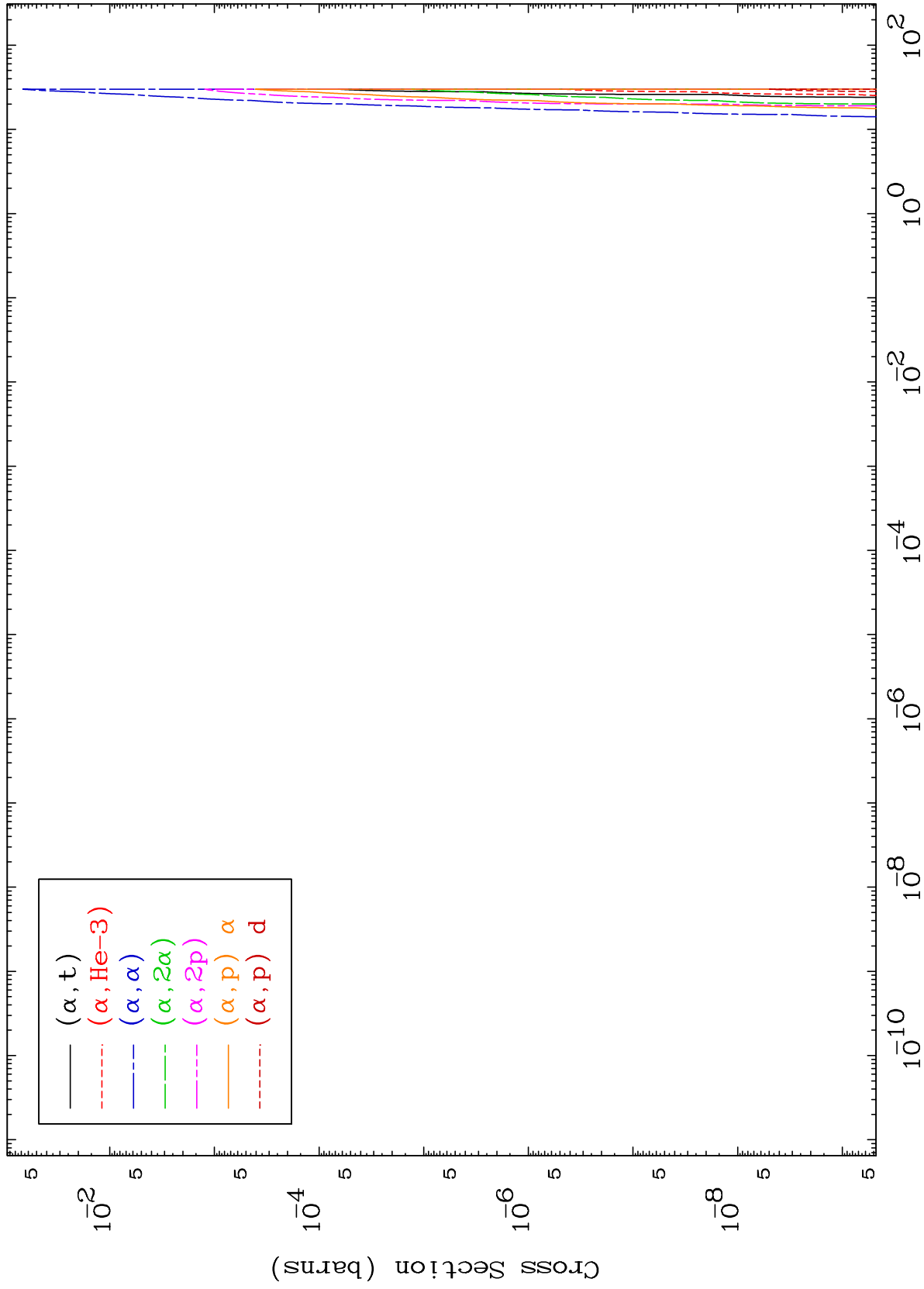
85-At-200



MAT 8517

α Charged Particle
0 Kelvin Cross Sections

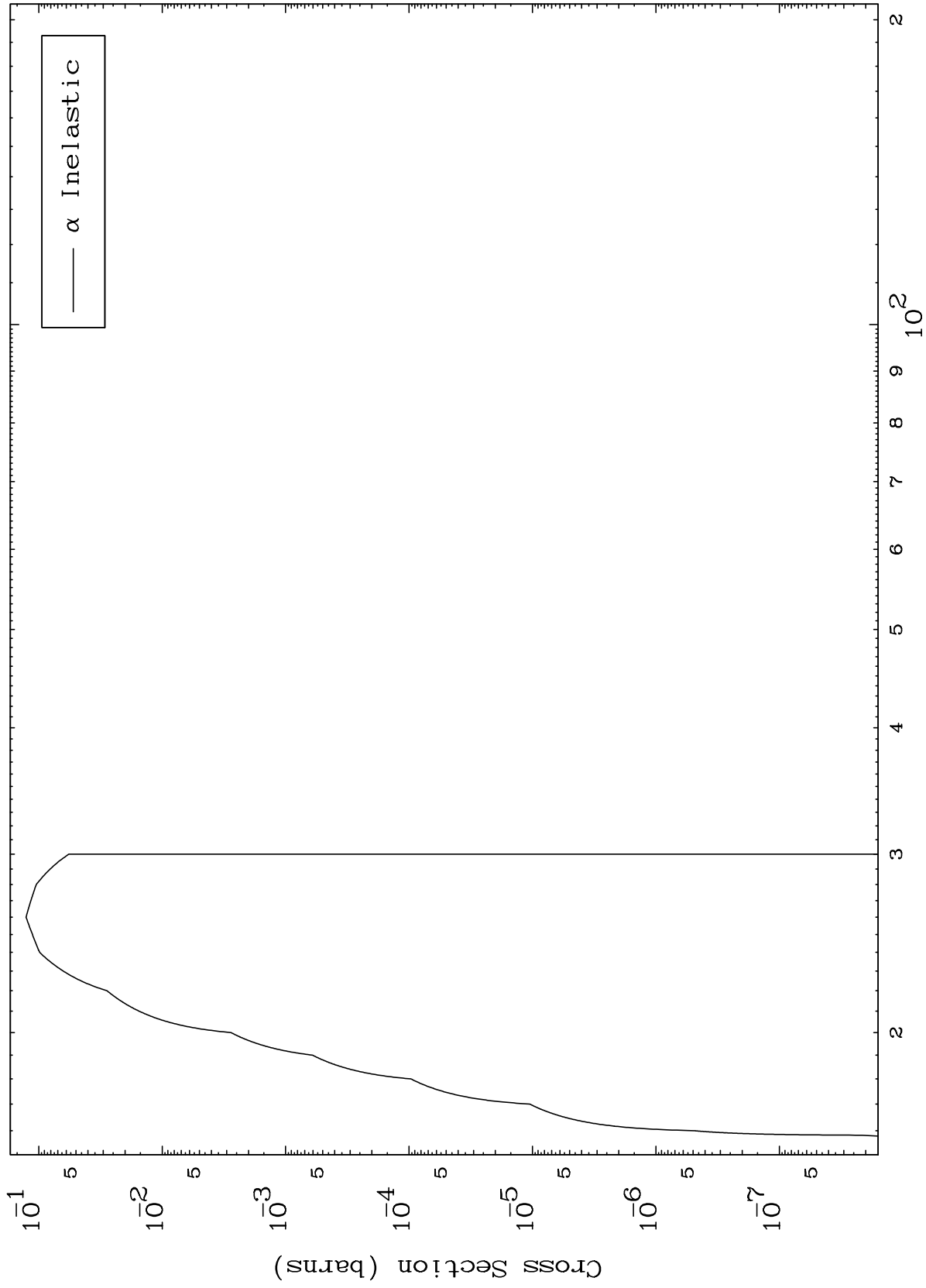
85-At-200



MAT 8517

(α, n') Level
0 Kelvin Cross Sections

85-At-200



5

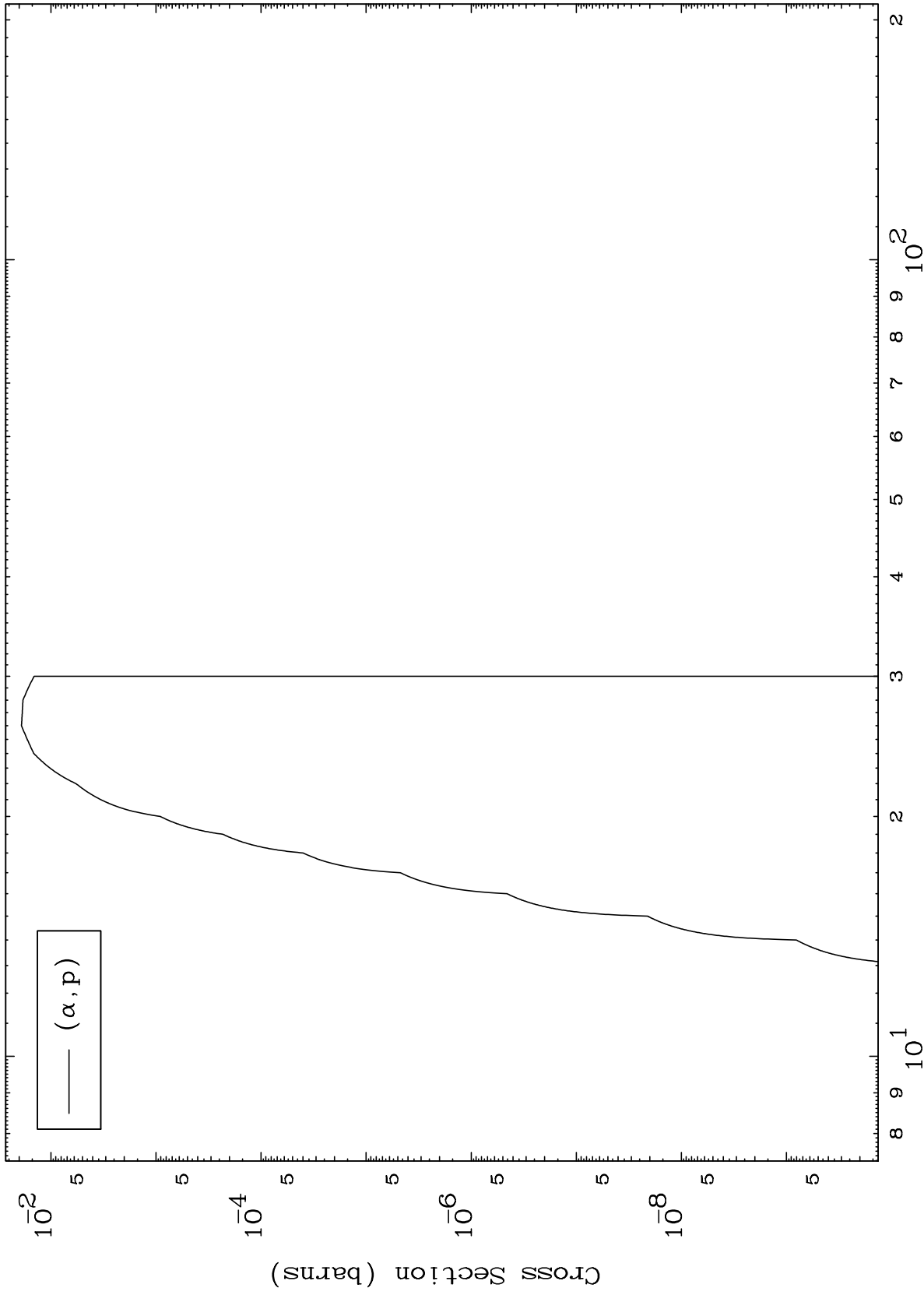
Incident Energy (MeV)

85-At-200

MAT 8517

(α, p) Levels
0 Kelvin Cross Sections

85-At-200



6

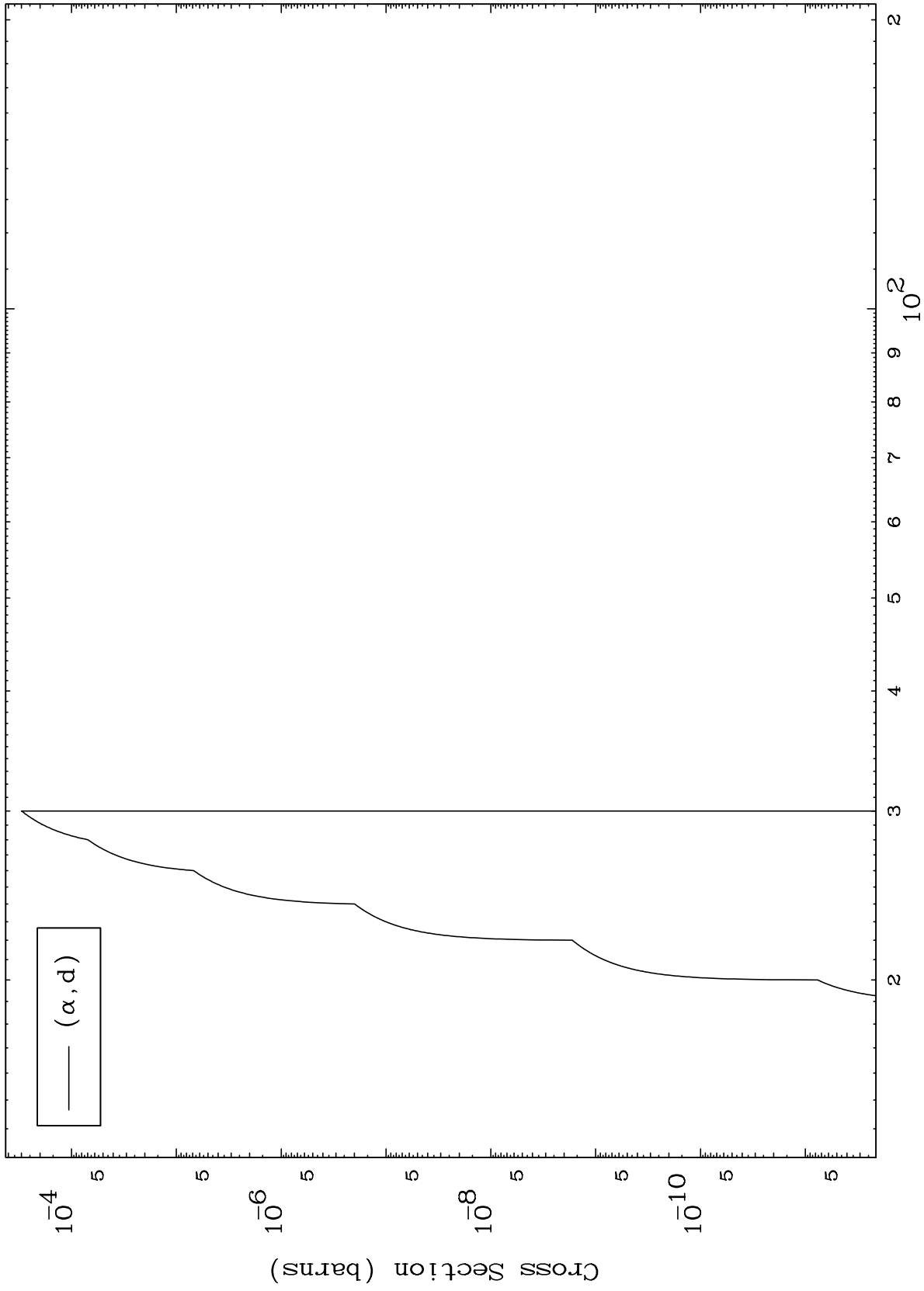
Incident Energy (MeV)

85-At-200

MAT 8517

(α, d) Levels
0 Kelvin Cross Sections

85-At-200



7

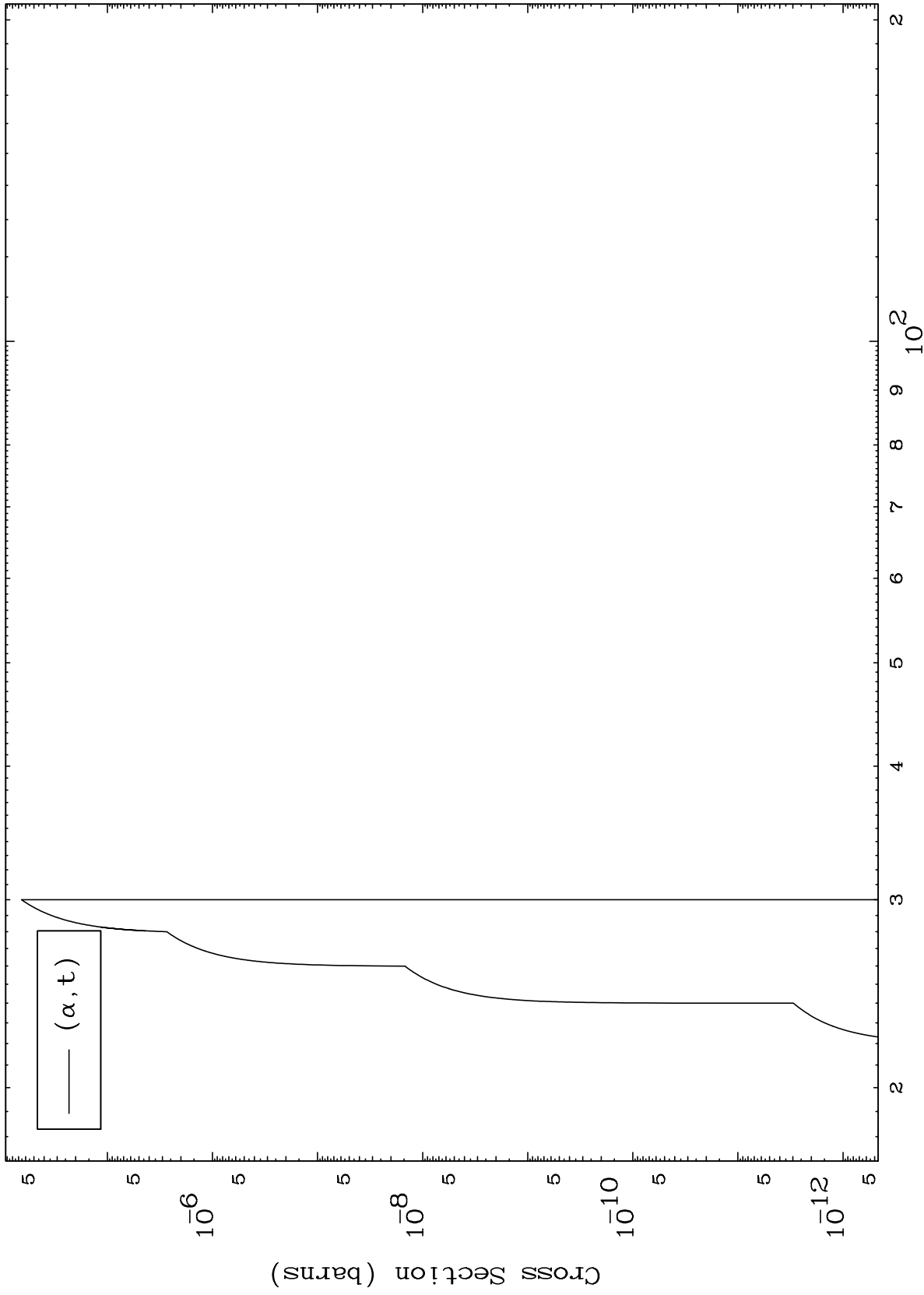
Incident Energy (MeV)

85-At-200

MAT 8517

(α, t) Levels
0 Kelvin Cross Sections

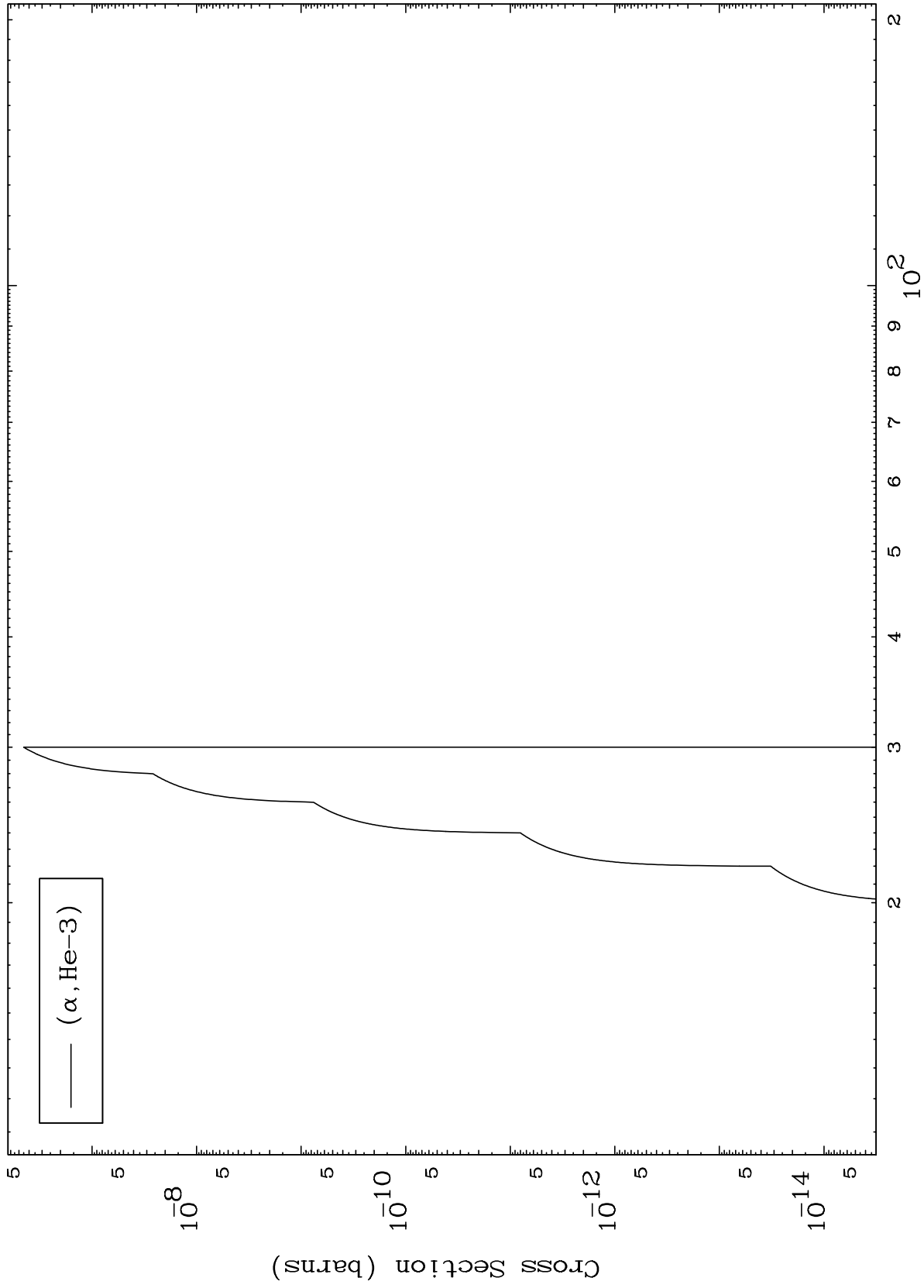
85-At-200



8

Incident Energy (MeV)

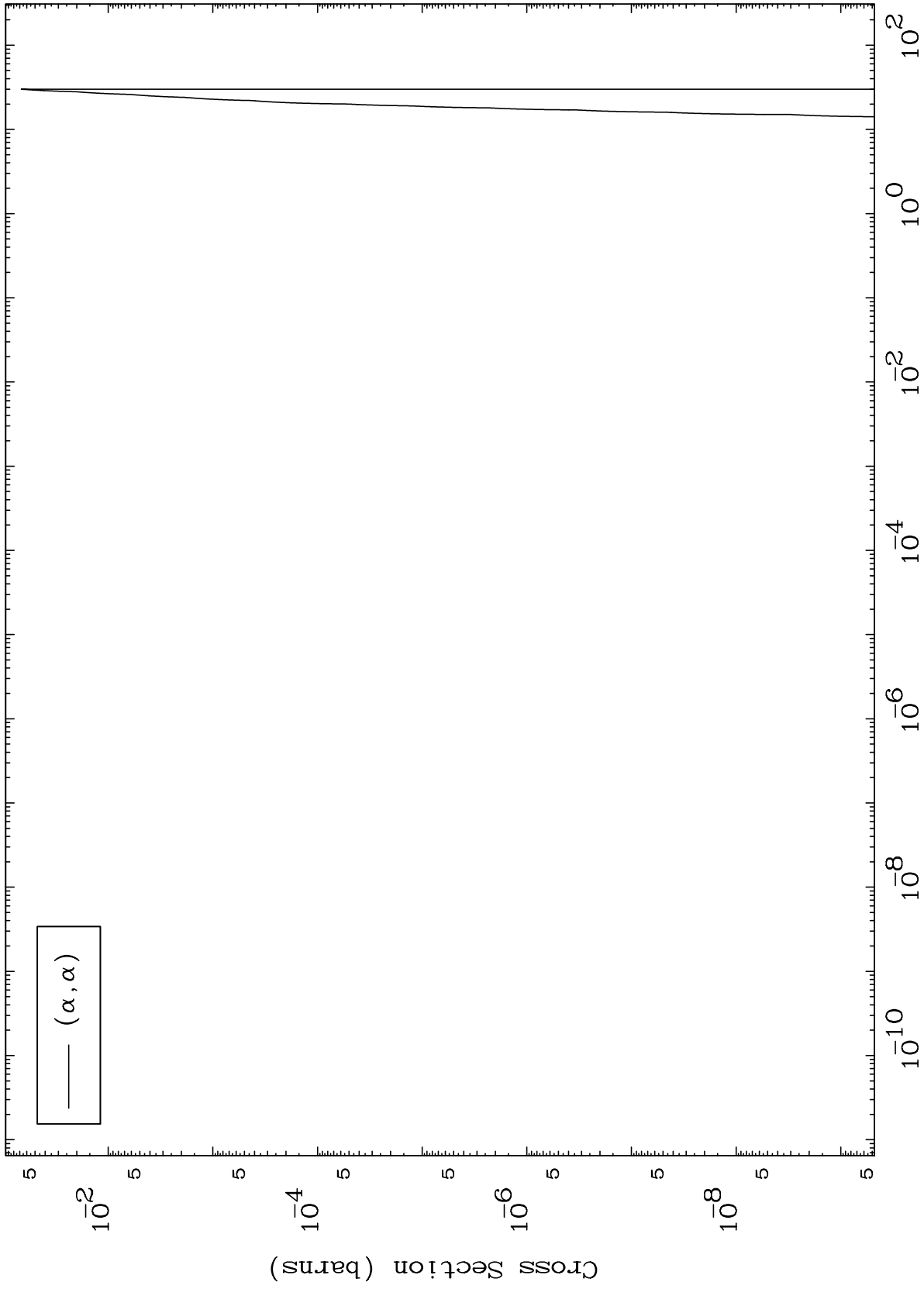
85-At-200



MAT 8517

(α, α) Levels
0 Kelvin Cross Sections

85-At-200



10

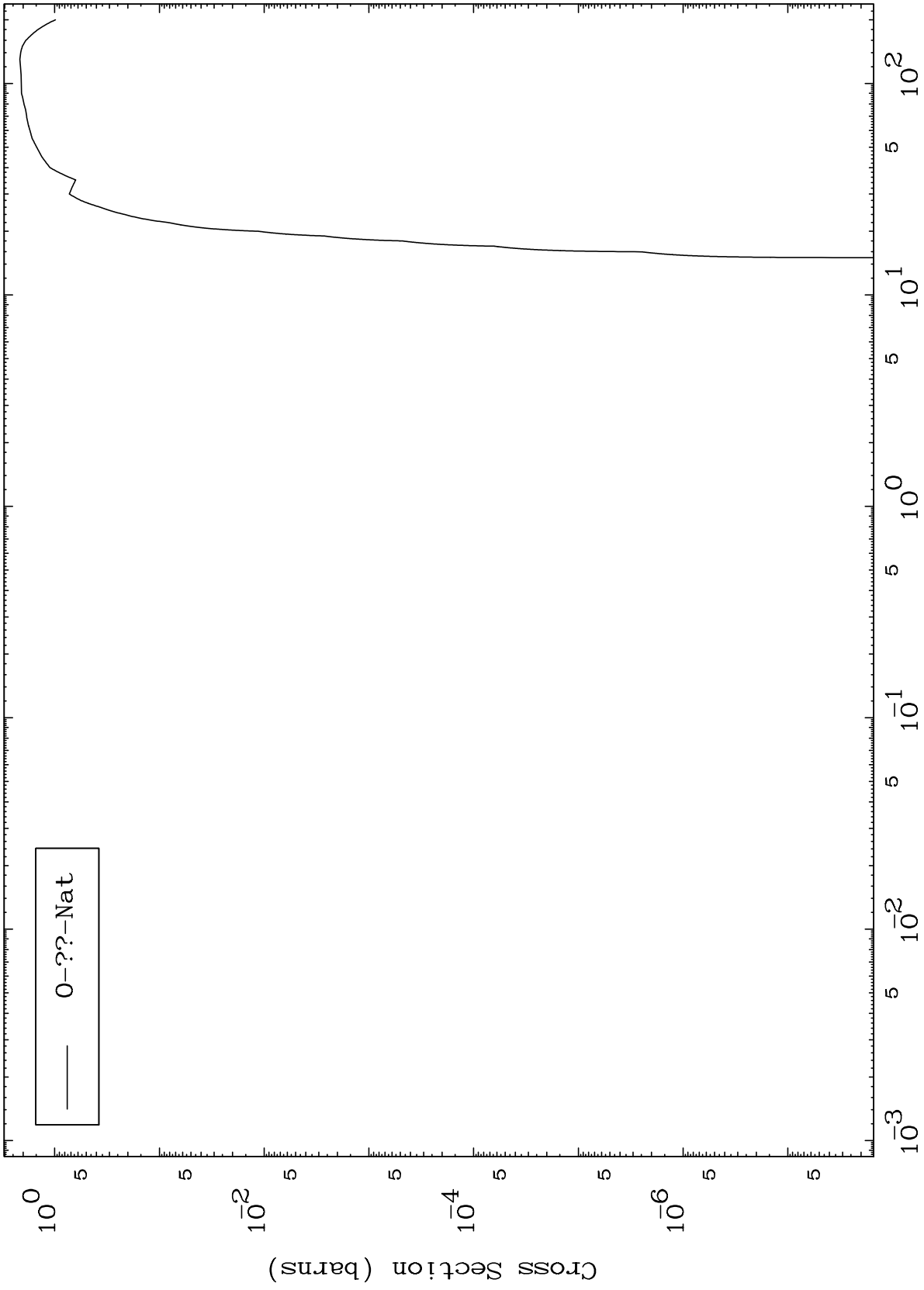
Incident Energy (MeV)

85-At-200

MAT 8517

α Fission
Radionuclide Production Cross Section

85-At-200



11

Incident Energy (MeV)

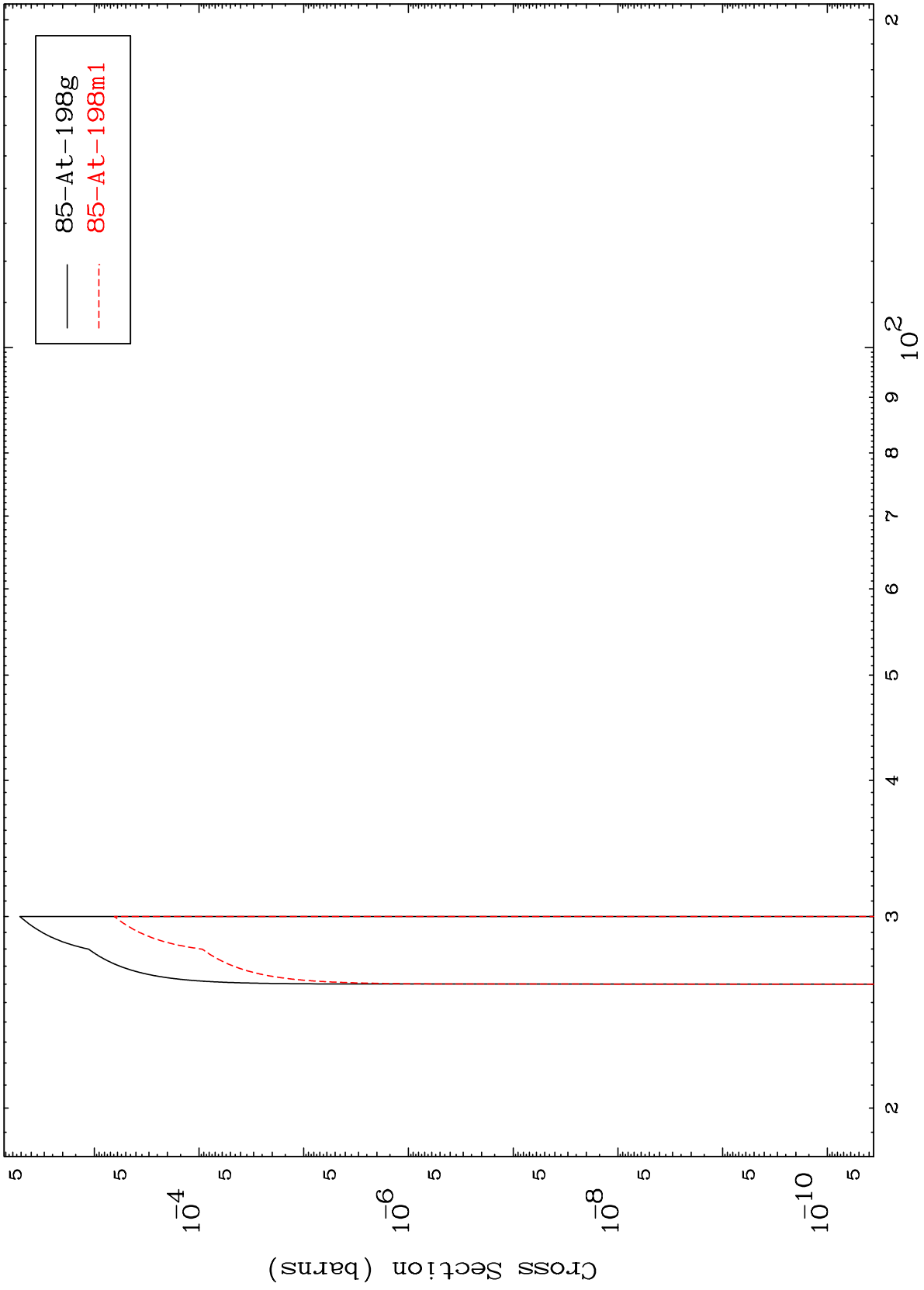
85-At-200

MAT 8517

($\alpha, 2n$) α

85-At-200

Radionuclide Production Cross Section



12

Incident Energy (MeV)

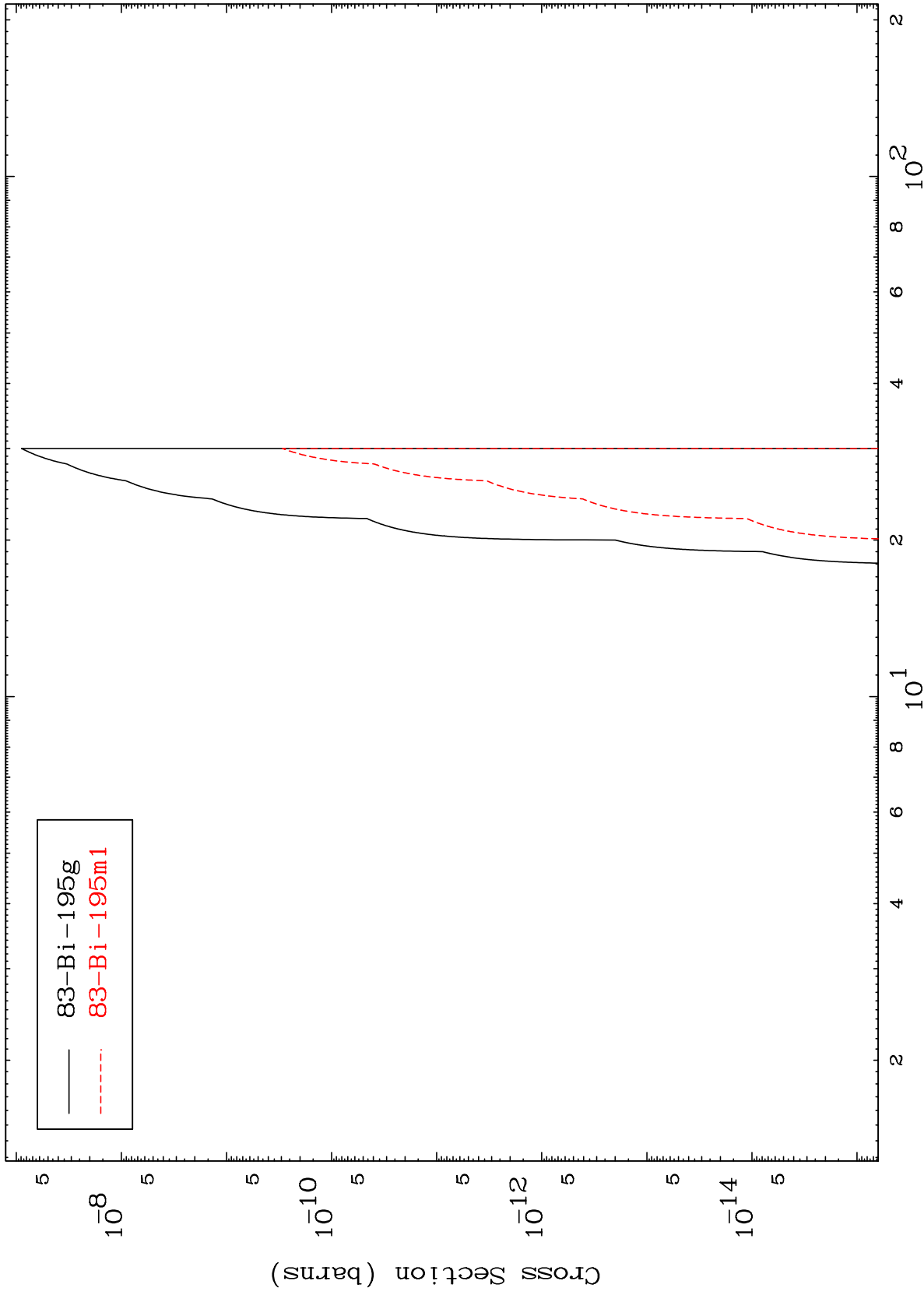
85-At-200

MAT 8517

(α, n') 2α

85-At-200

Radionuclide Production Cross Section



13

Incident Energy (MeV)

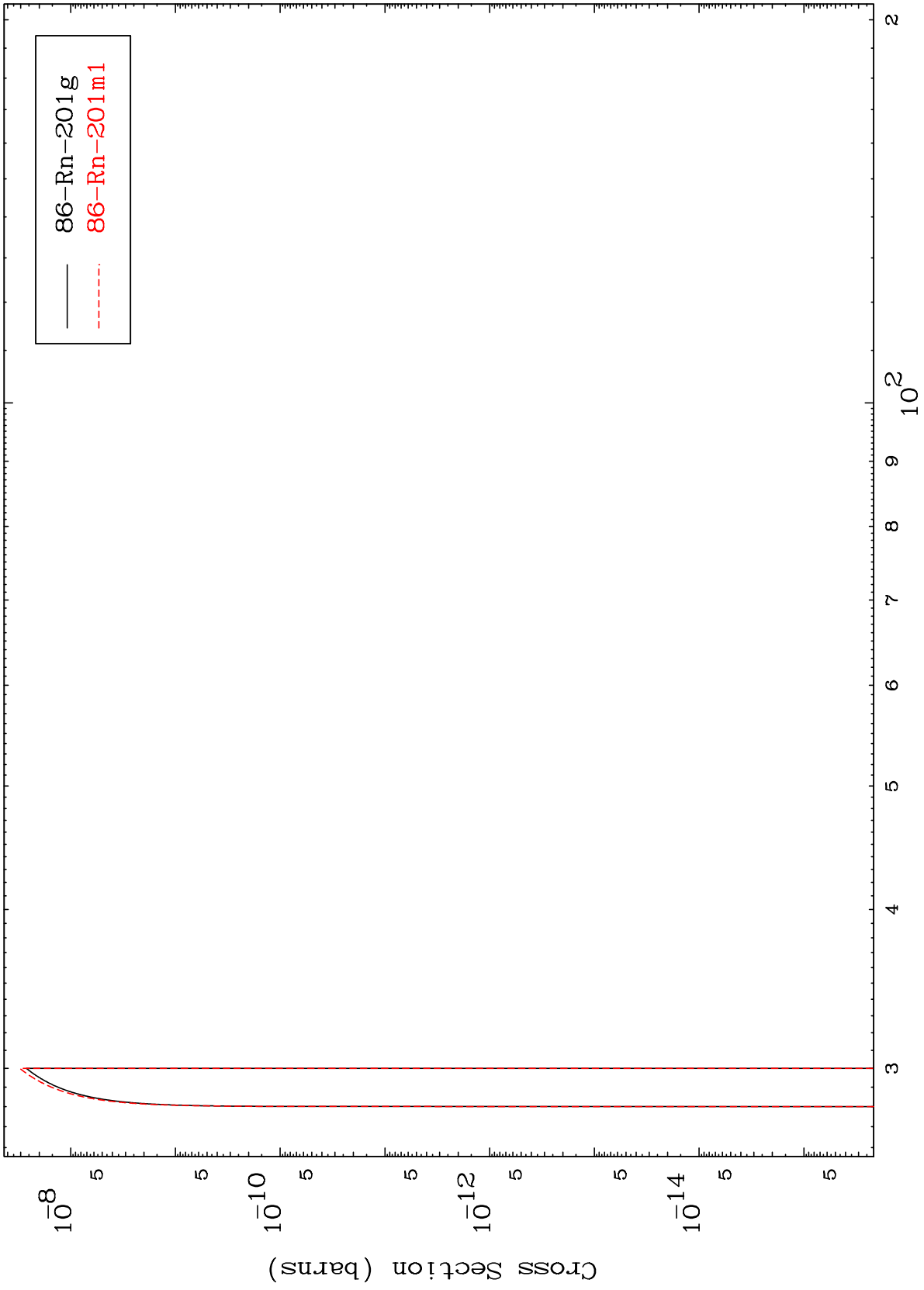
85-At-200

MAT 8517

($\alpha, 2n$) p

85-At-200

Radionuclide Production Cross Section



14

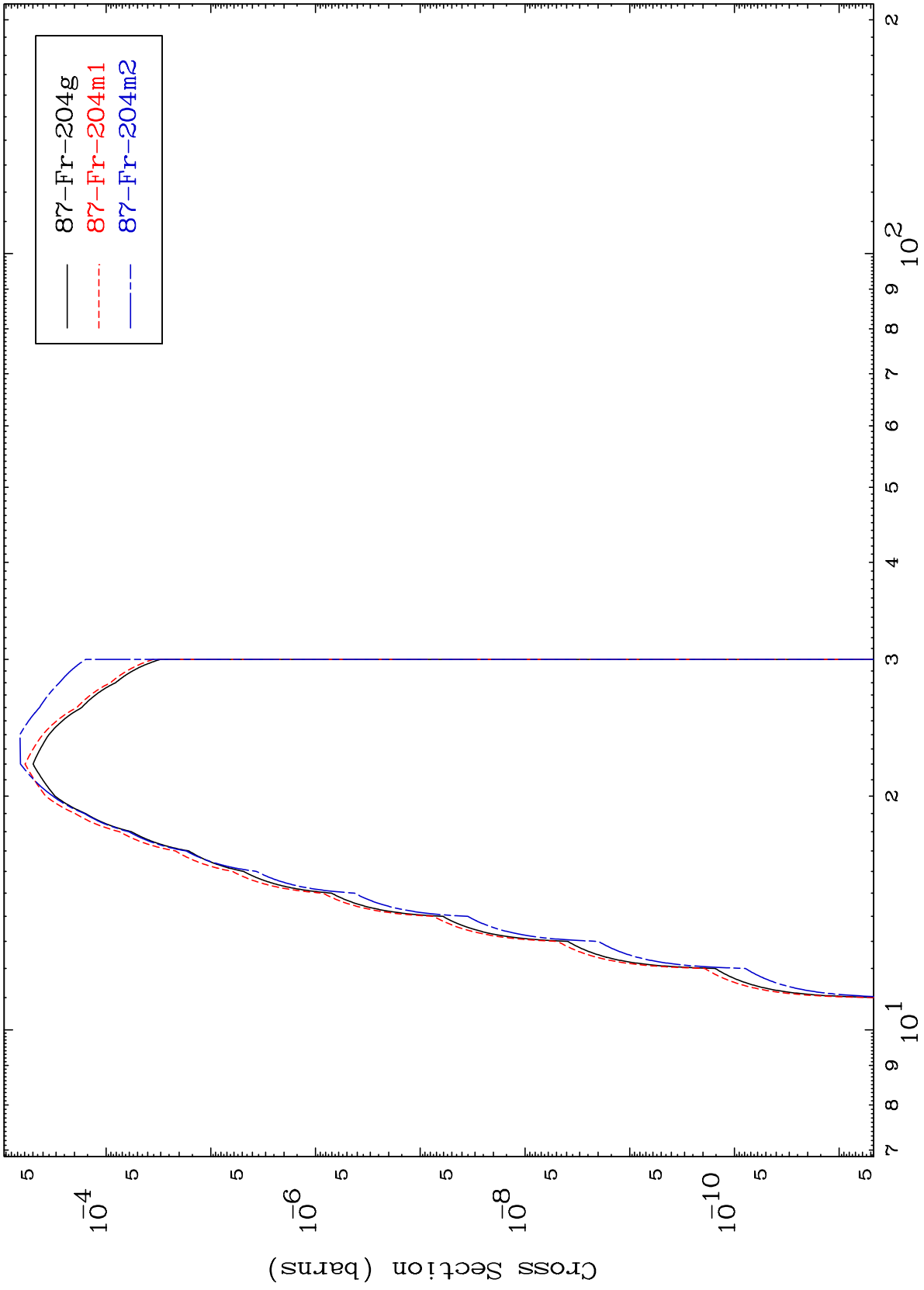
Incident Energy (MeV)

85-At-200

MAT 8517

85-At-200

(α, γ)
Radionuclide Production Cross Section



15

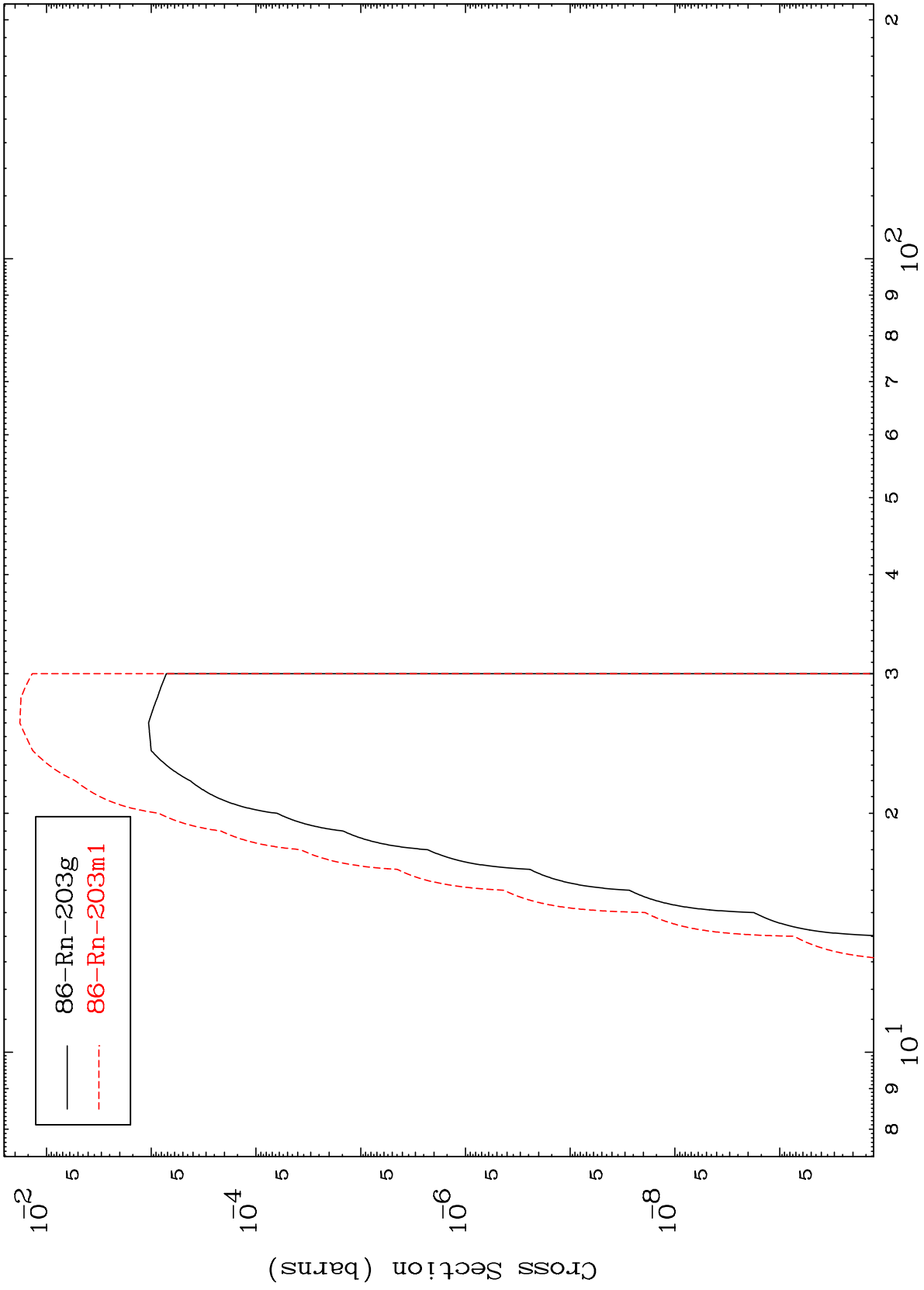
Incident Energy (MeV)

85-At-200

MAT 8517

85-At-200

Radionuclide Production Cross Section
(α, p)



16

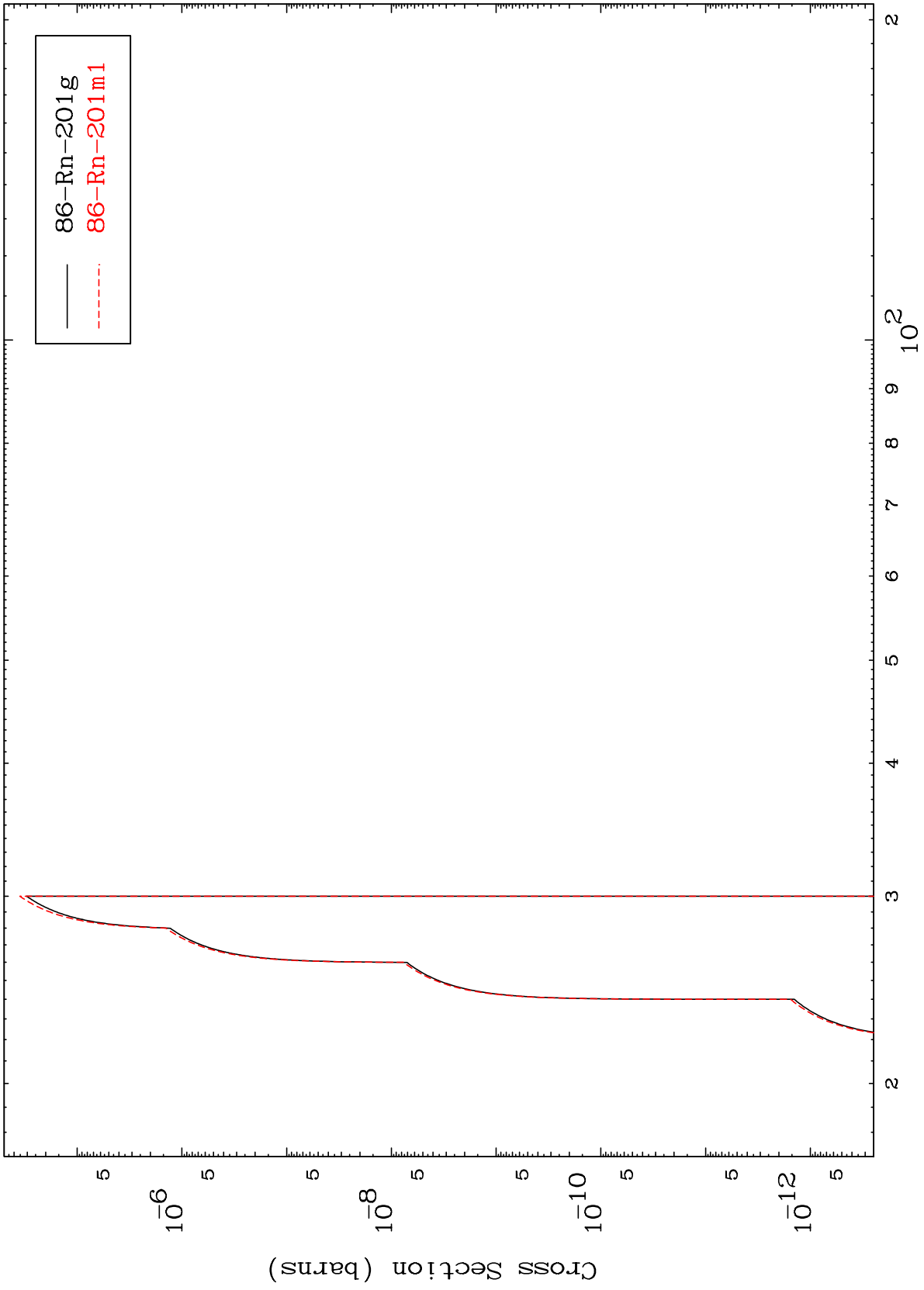
Incident Energy (MeV)

85-At-200

MAT 8517

85-At-200

(α, t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

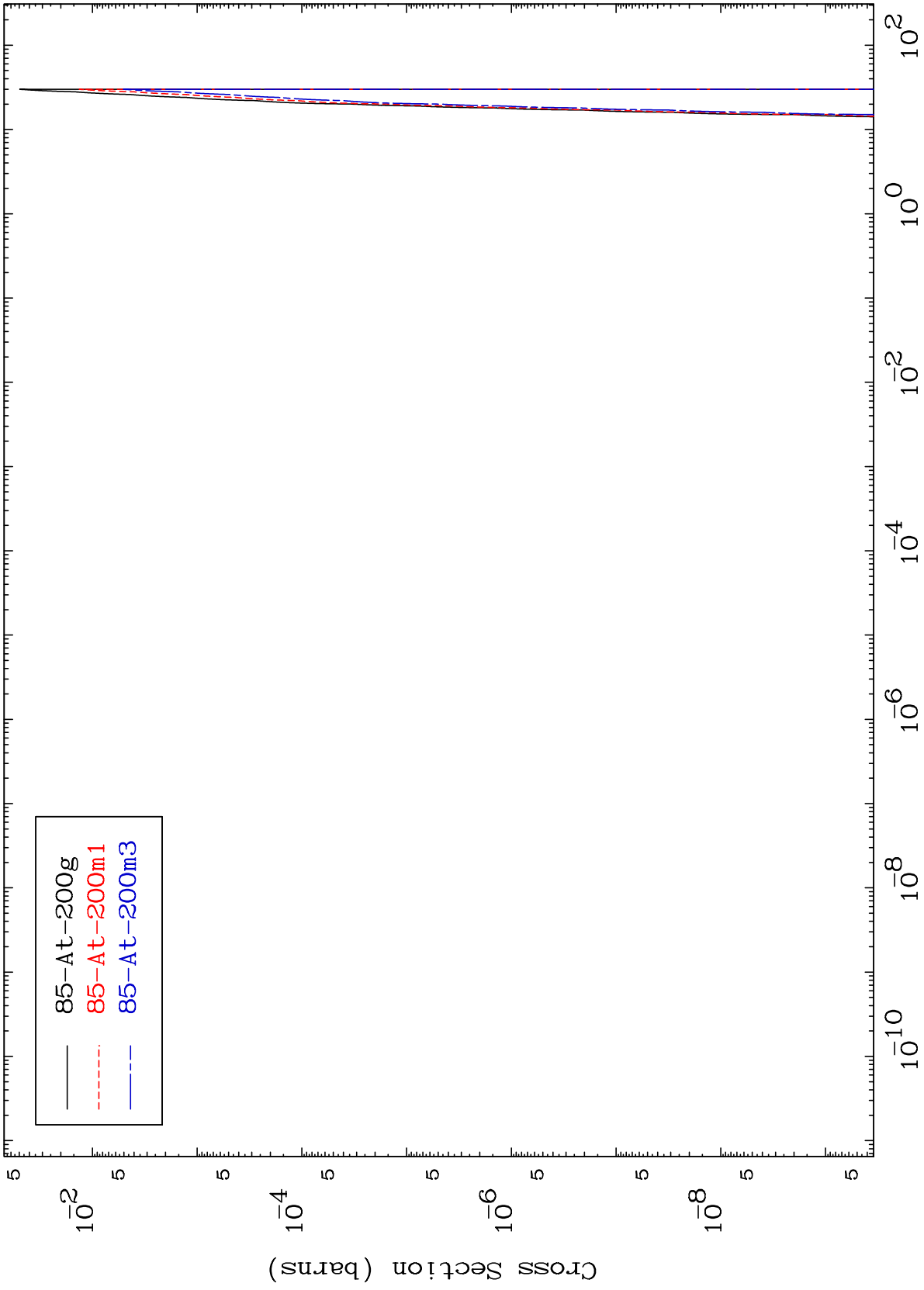
85-At-200

MAT 8517

(α, α)

85-At-200

Radionuclide Production Cross Section



18

Incident Energy (MeV)

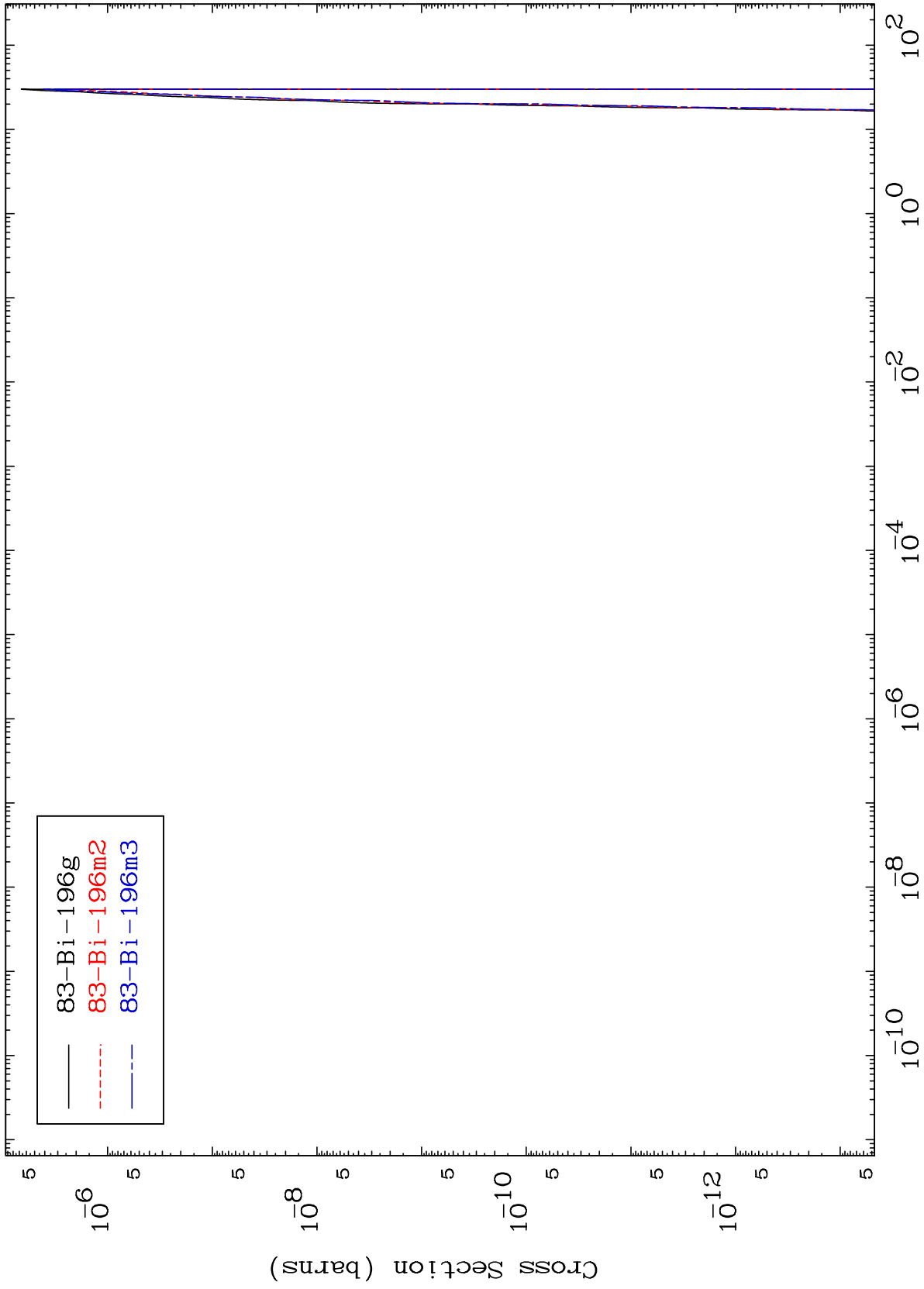
85-At-200

MAT 8517

($\alpha, 2\alpha$)

85-At-200

Radionuclide Production Cross Section



19

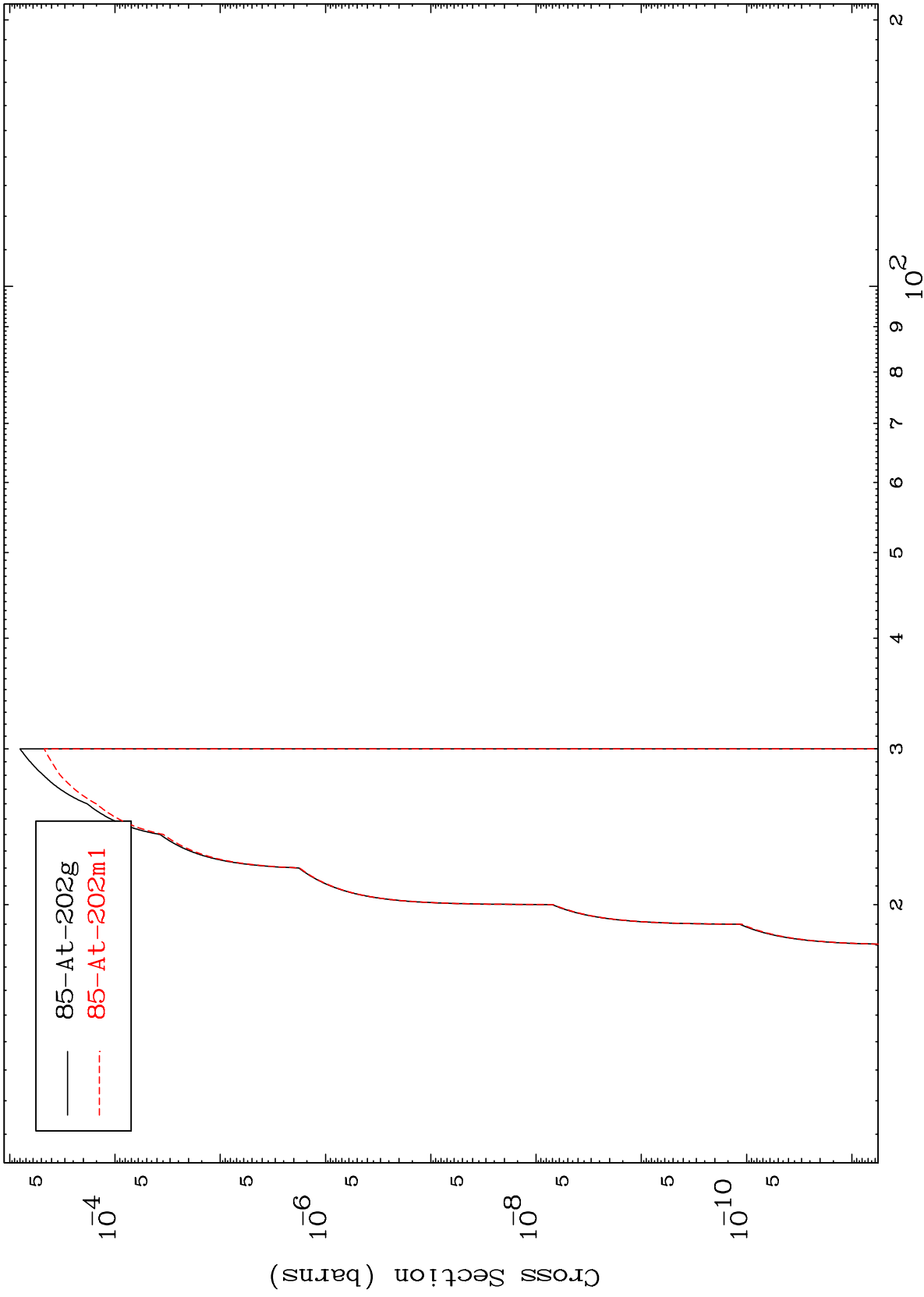
Incident Energy (MeV)

85-At-200

MAT 8517

85-At-200

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



20

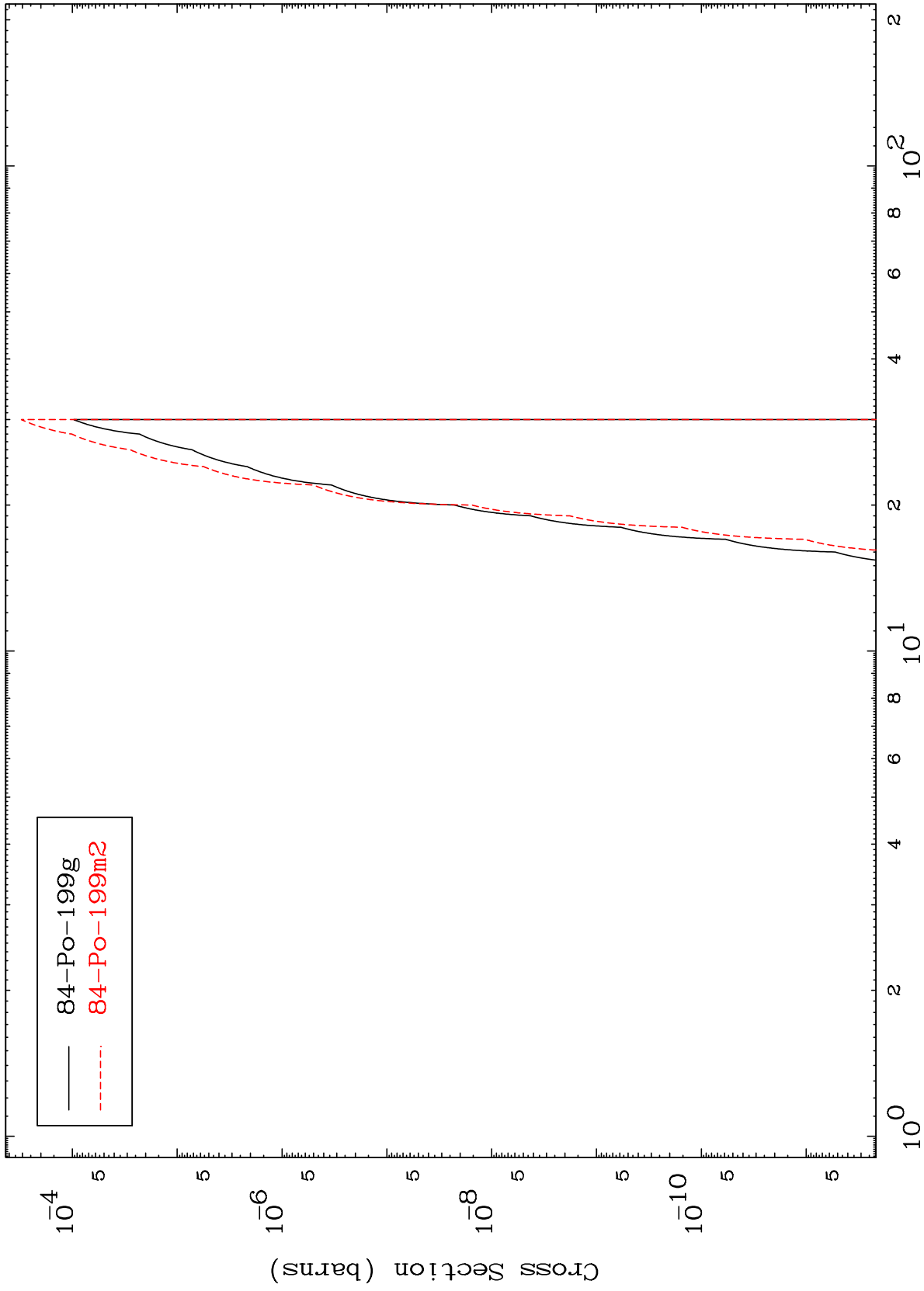
85-At-200

MAT 8517

(α, p) α

85-At-200

Radionuclide Production Cross Section



84-Po-199g
84-Po-199m2

21

Incident Energy (MeV)

85-At-200