

Program EVALPLOT
(Version 2018-1)

by

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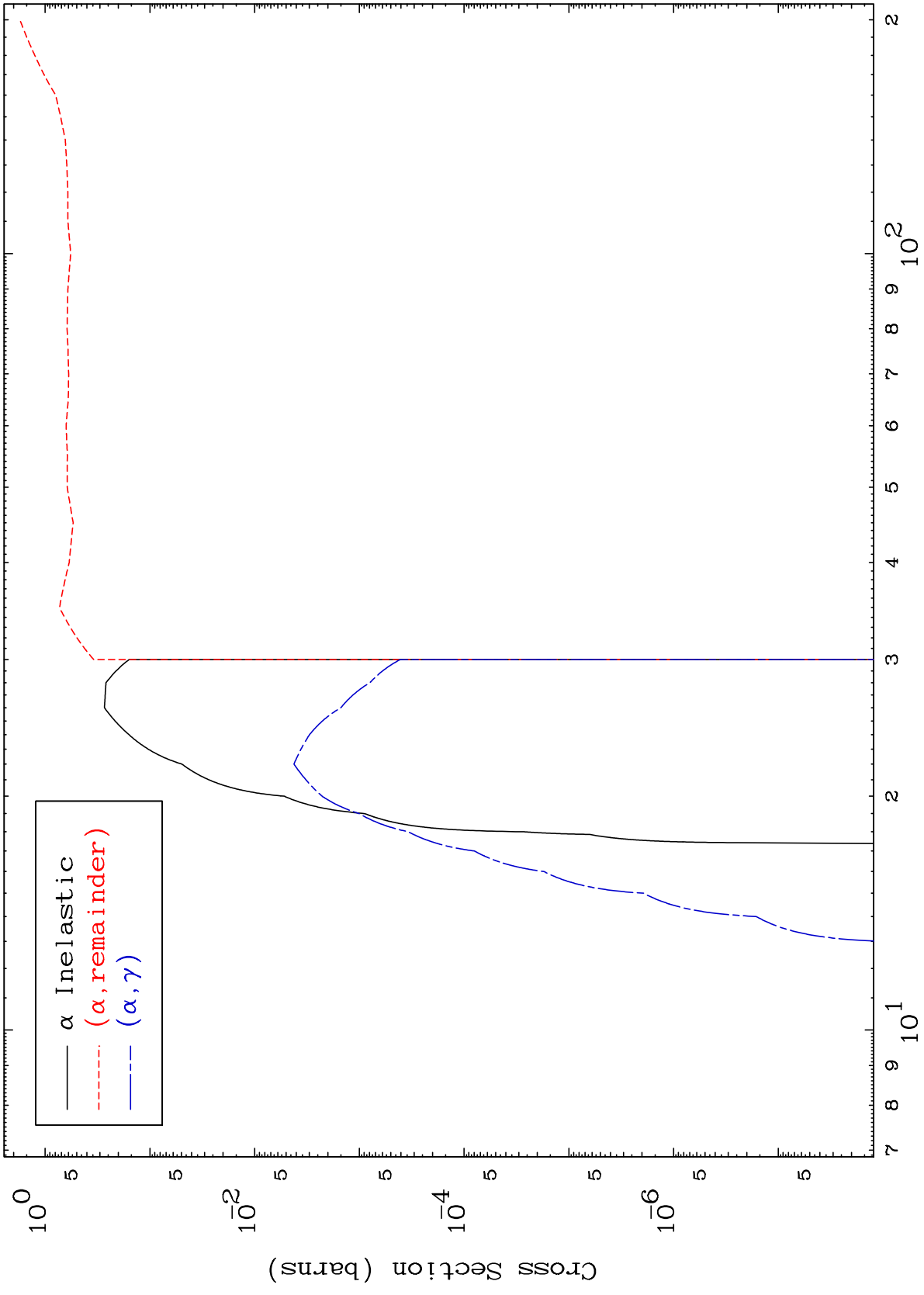
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8519

0 Kelvin α Major
Cross Sections

85-At-201



1

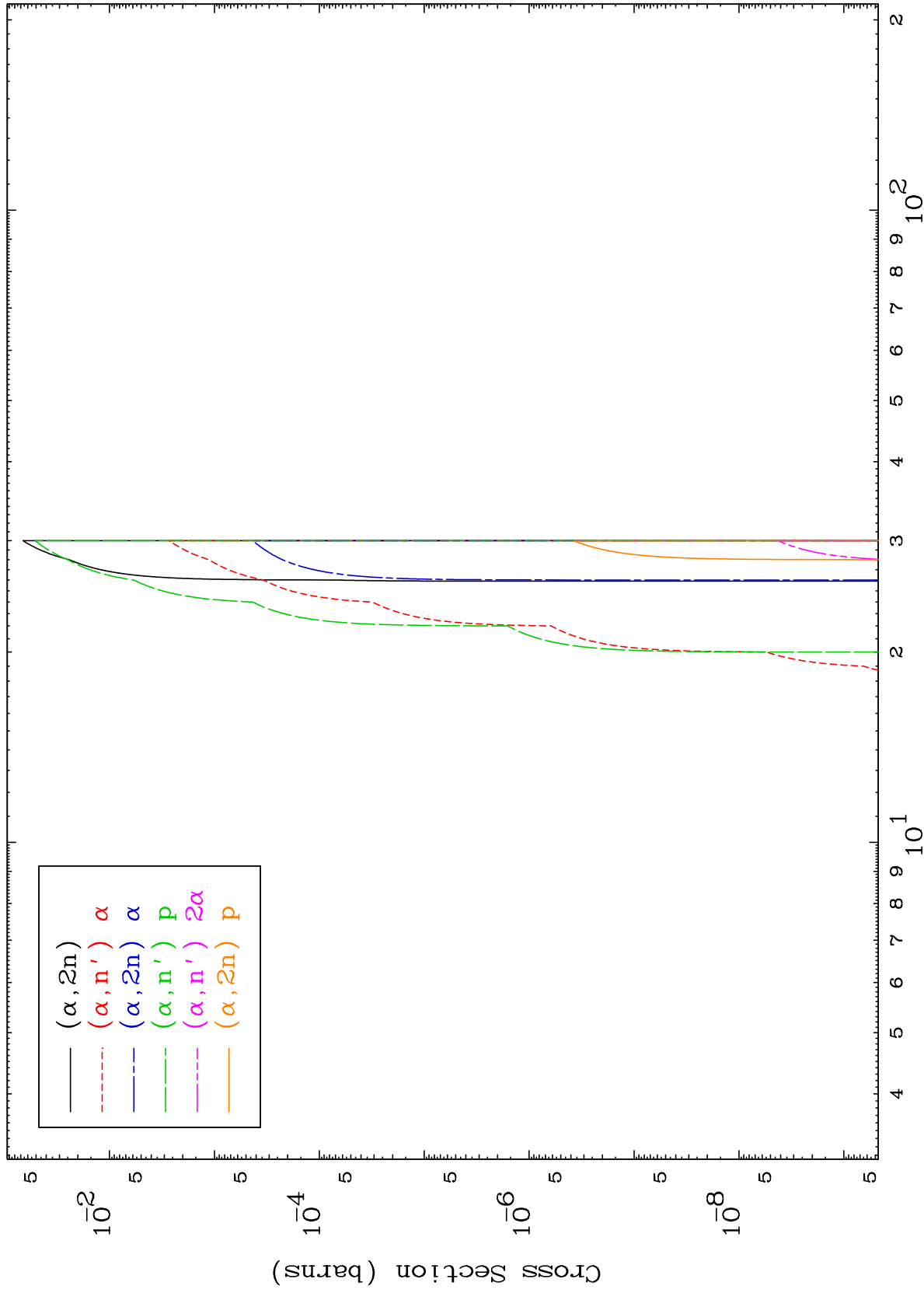
Incident Energy (MeV)

85-At-201

MAT 8519

α Neutron Production
0 Kelvin Cross Sections

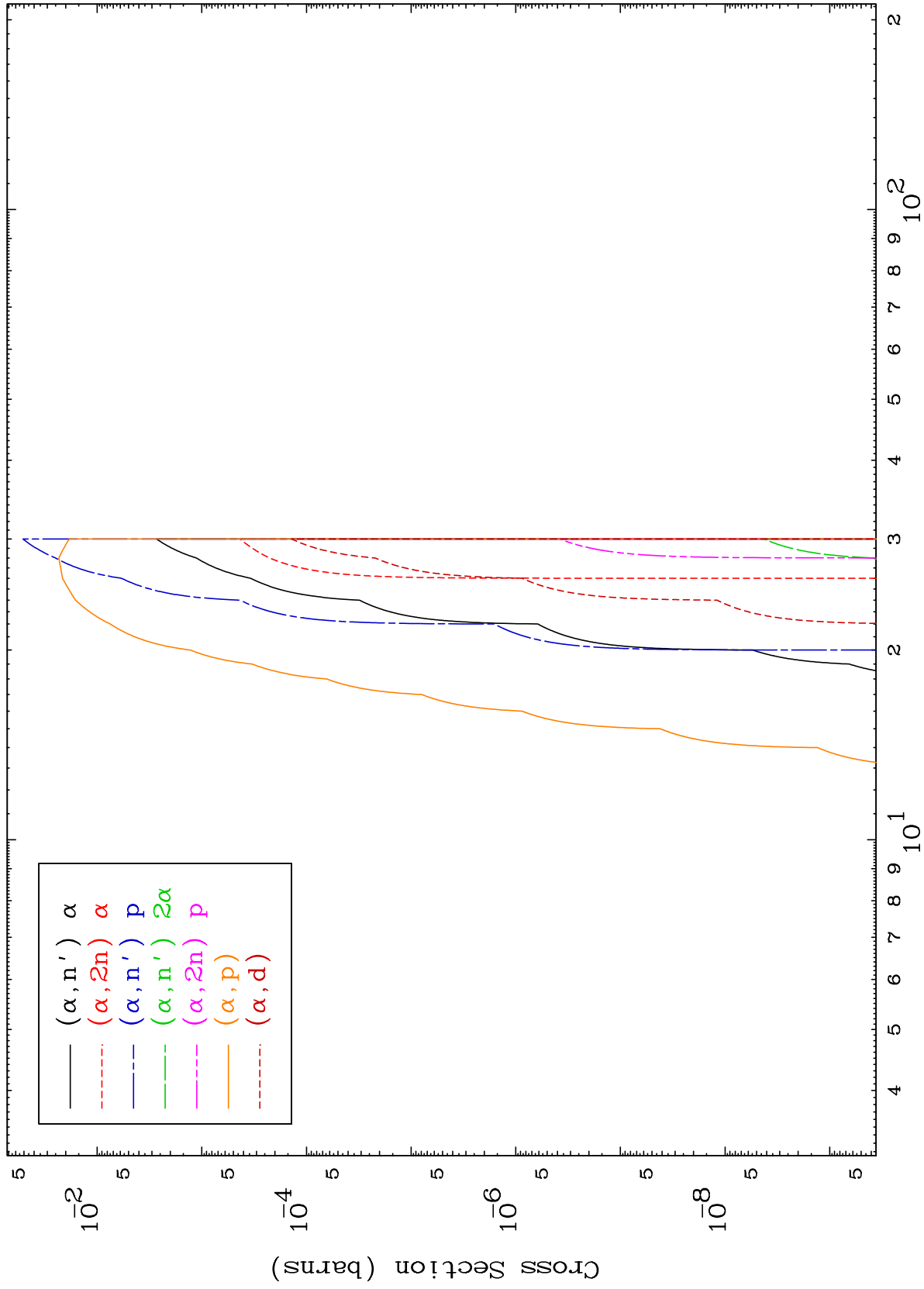
85-At-201



2

Incident Energy (MeV)

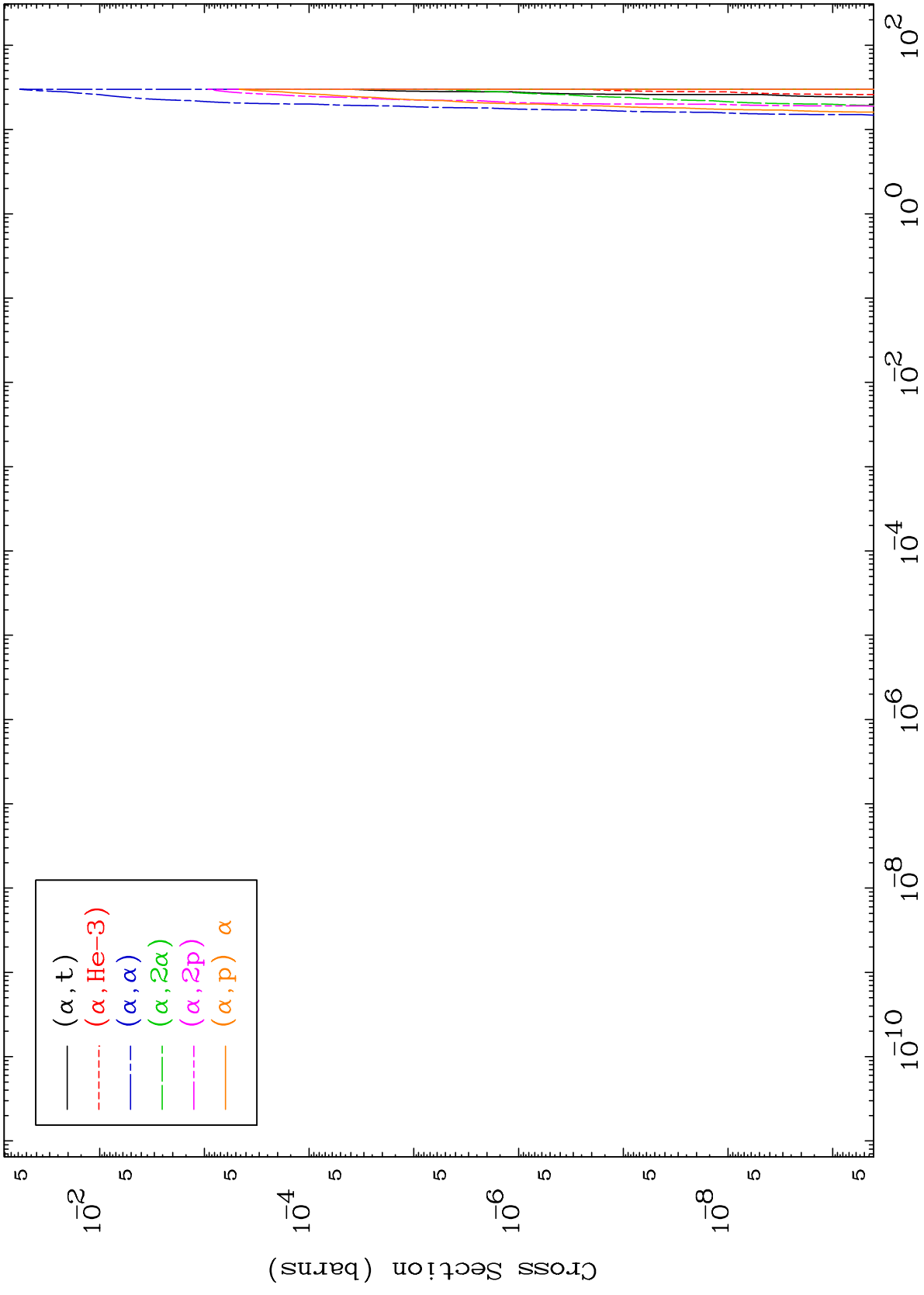
85-At-201



MAT 8519

α Charged Particle
0 Kelvin Cross Sections

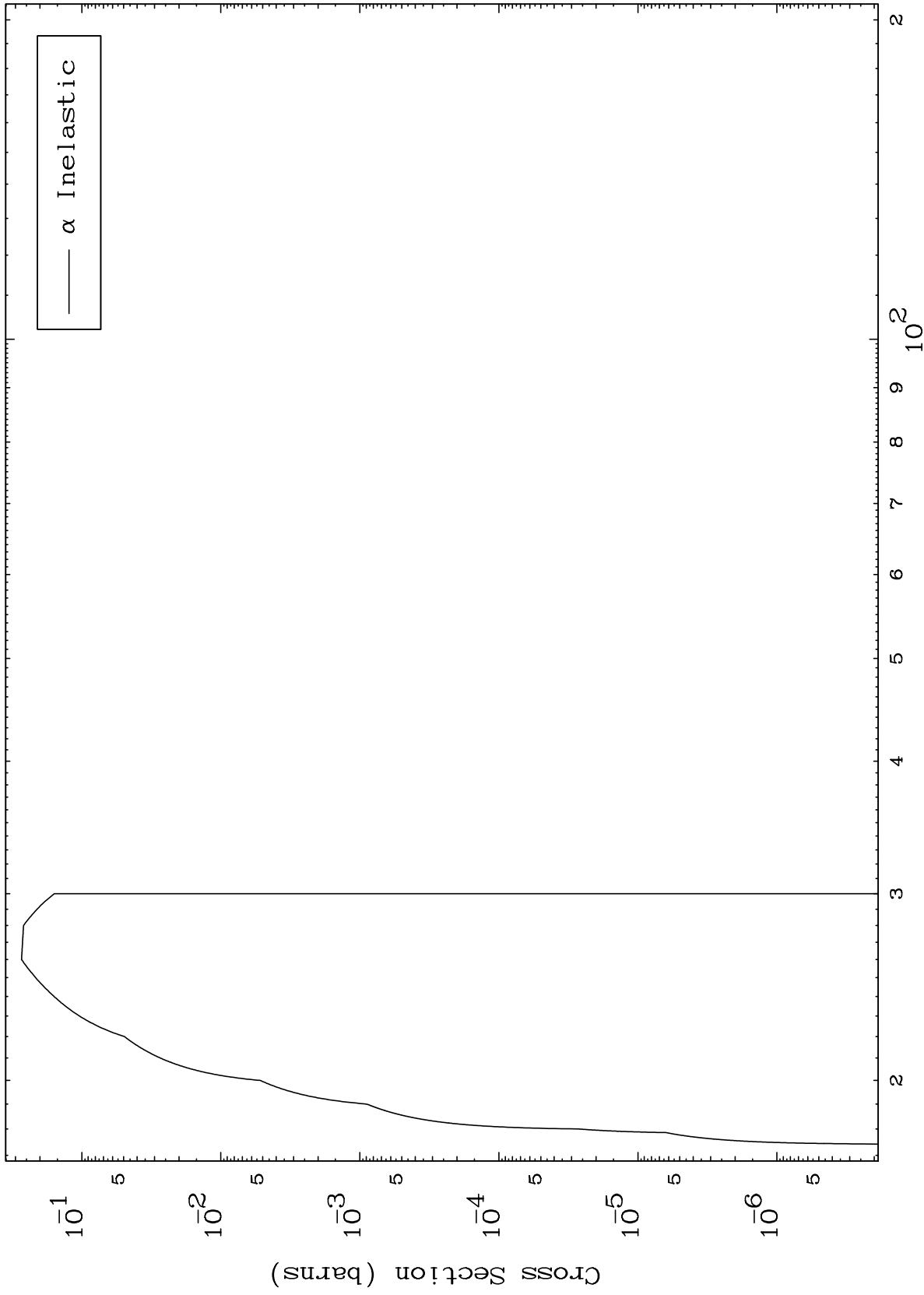
85-At-201



MAT 8519

(α, n') Level
0 Kelvin Cross Sections

85-At-201



5

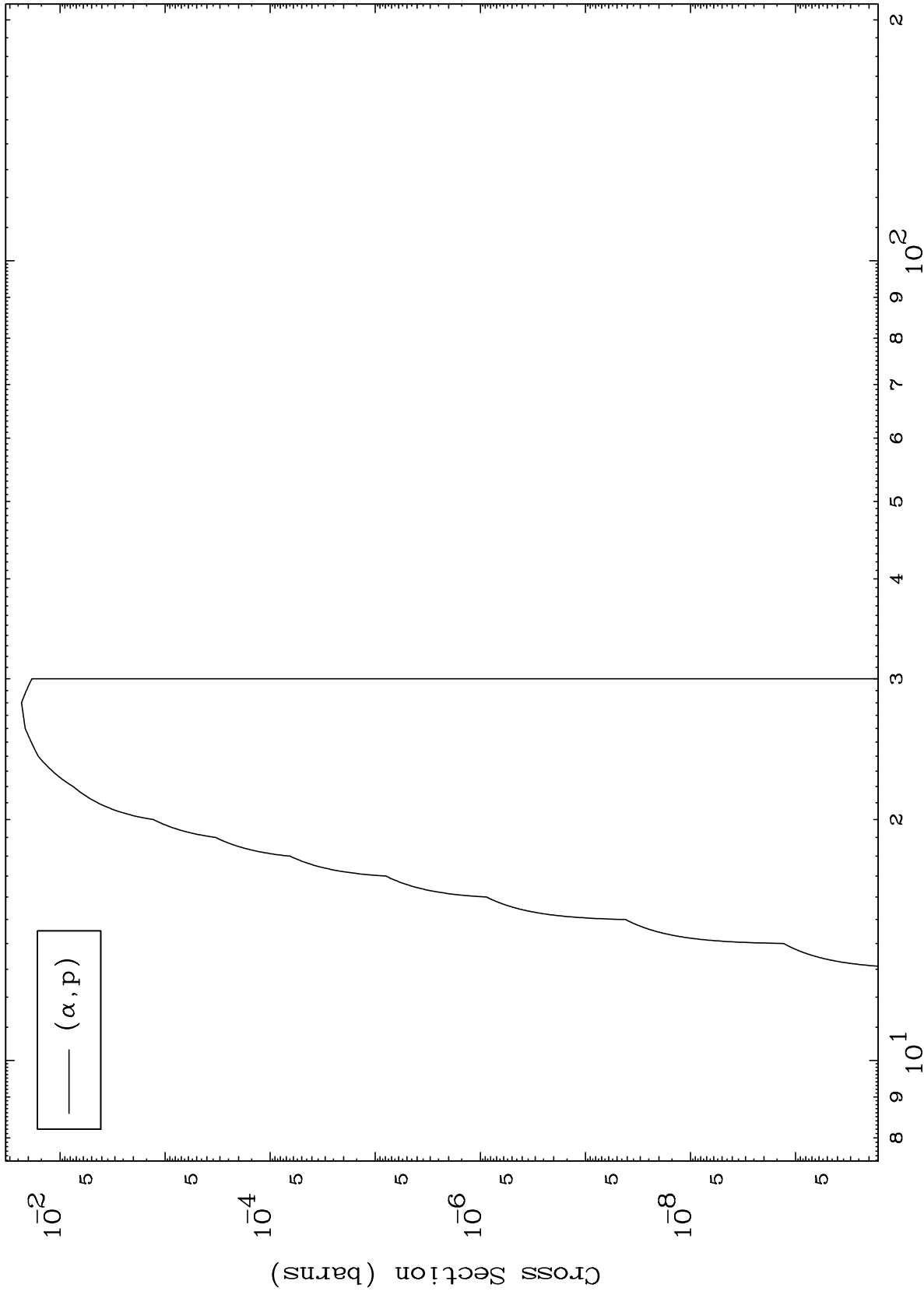
Incident Energy (MeV)

85-At-201

MAT 8519

(α, p) Levels
0 Kelvin Cross Sections

85-At-201



6

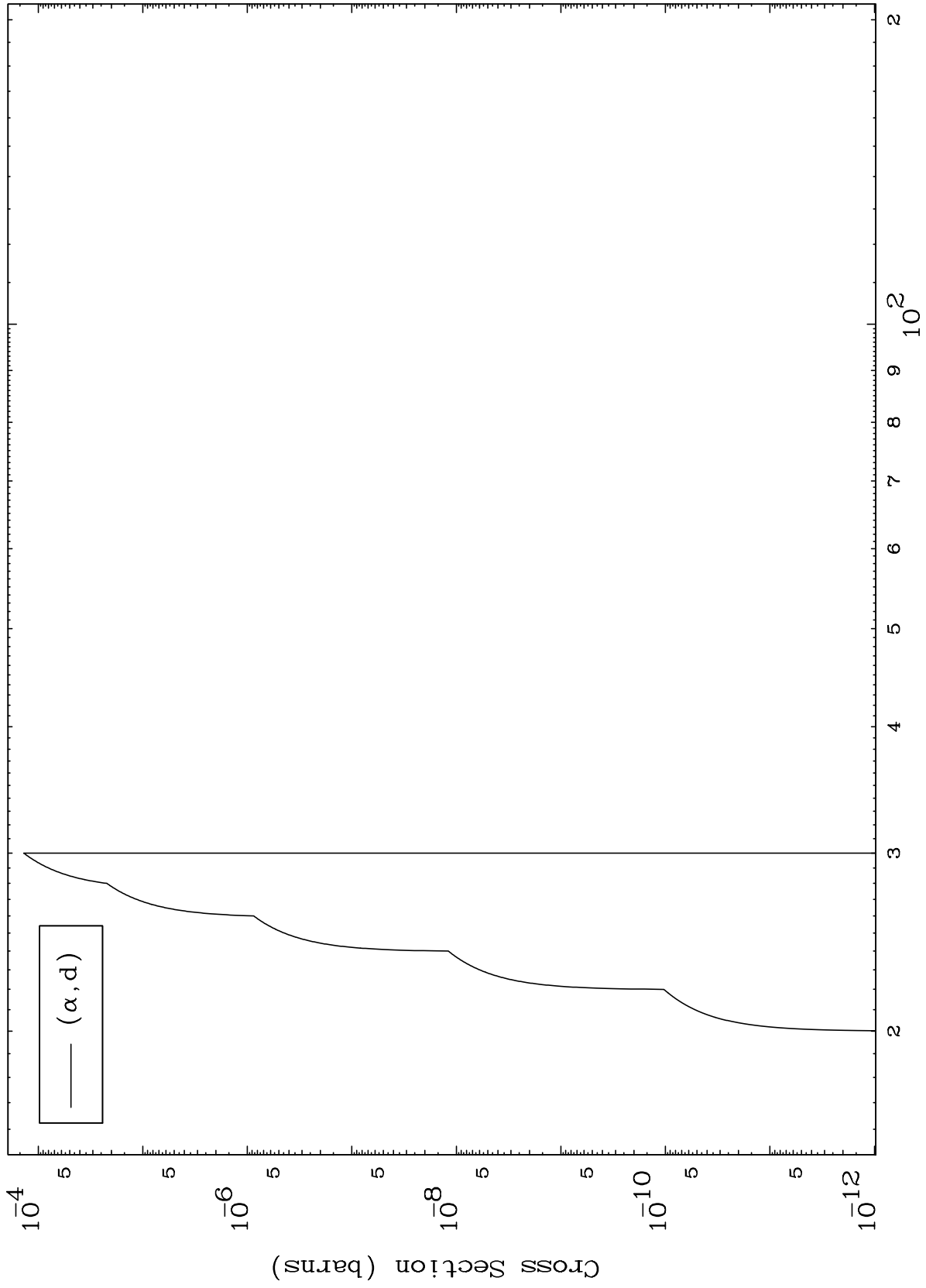
Incident Energy (MeV)

85-At-201

MAT 8519

(α, d) Levels
0 Kelvin Cross Sections

85-At-201



7

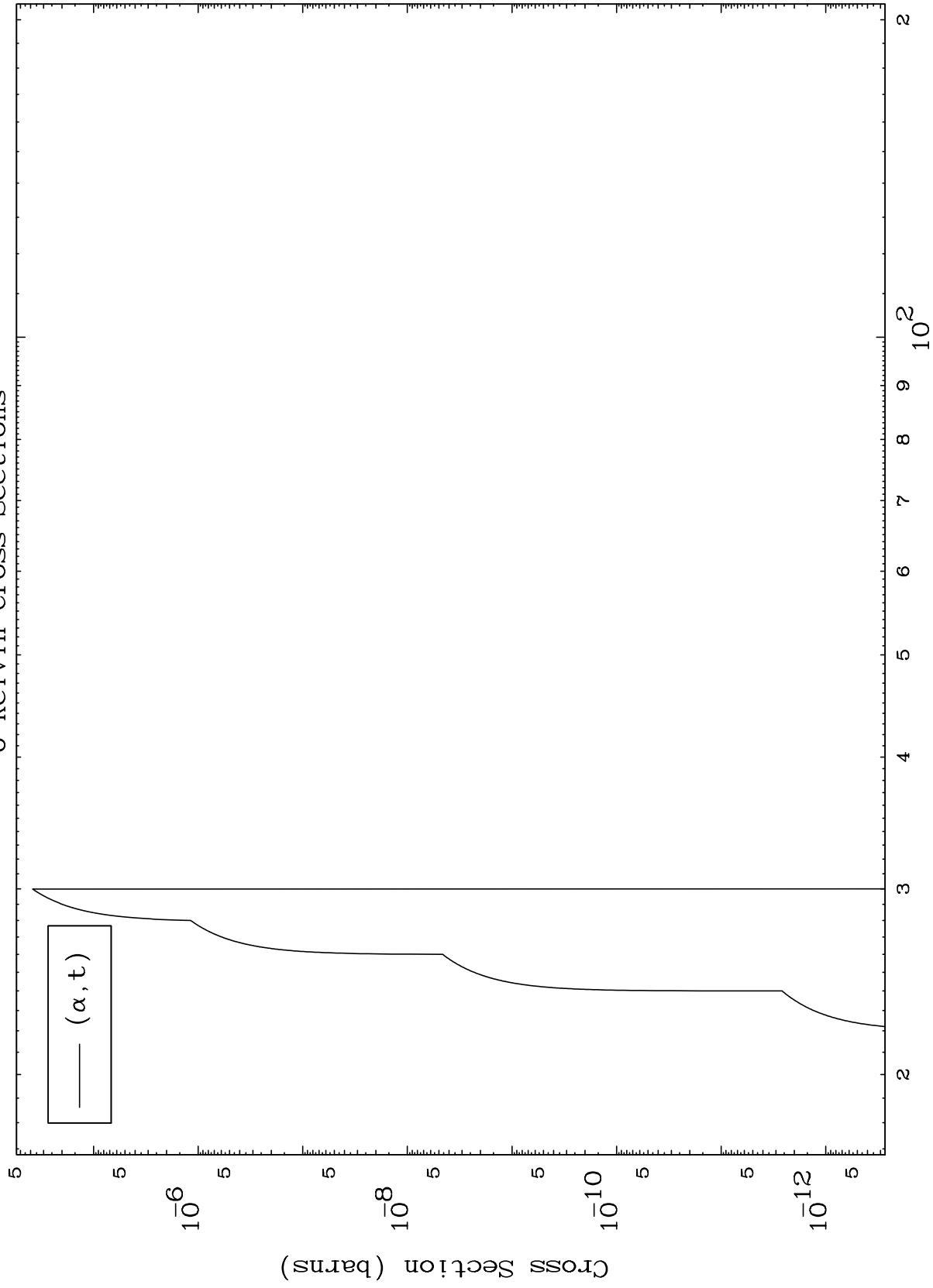
Incident Energy (MeV)

85-At-201

MAT 8519

(α, t) Levels
0 Kelvin Cross Sections

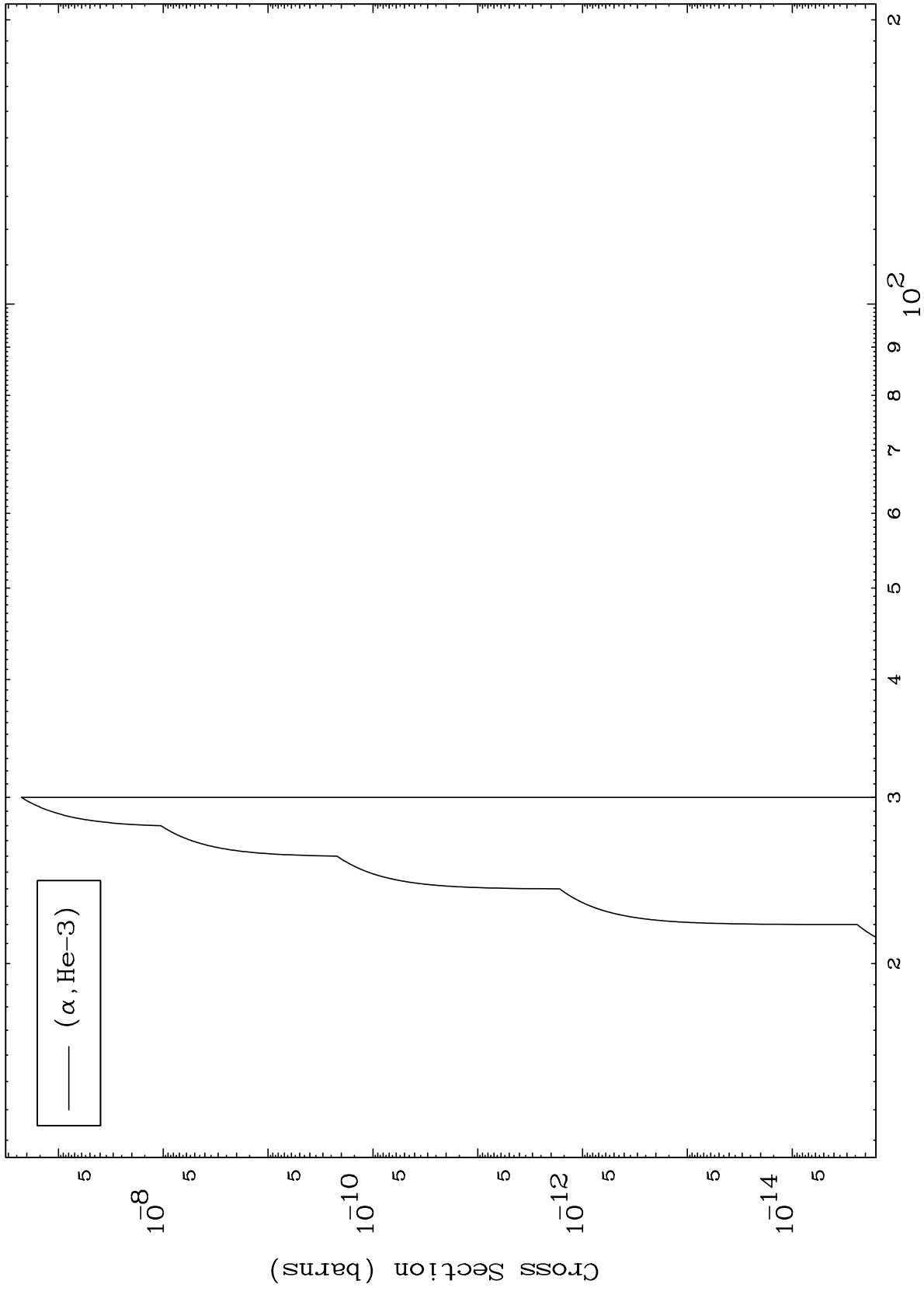
85-At-201



8

Incident Energy (MeV)

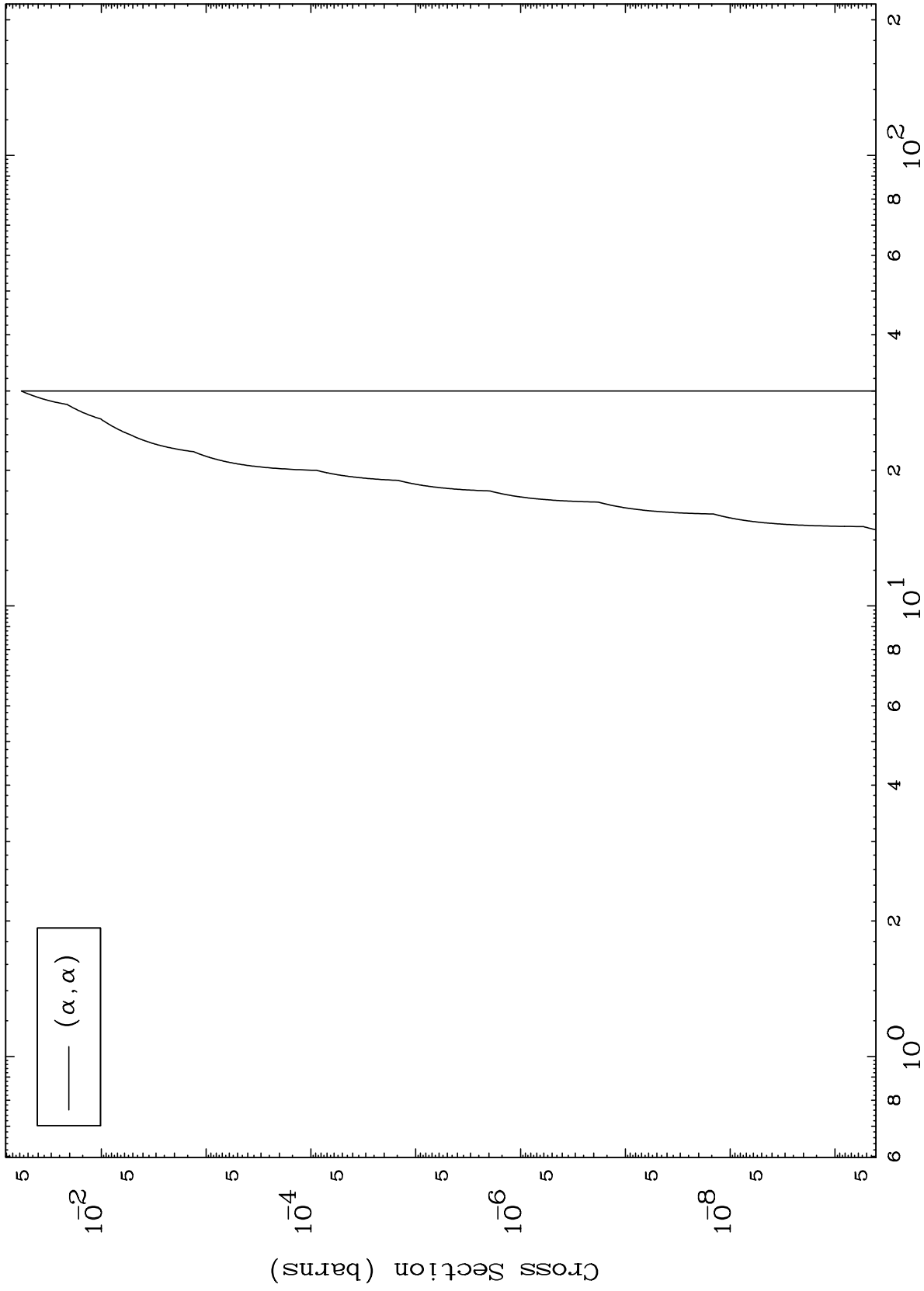
85-At-201



MAT 8519

85-At-201

(α, α) Levels
0 Kelvin Cross Sections

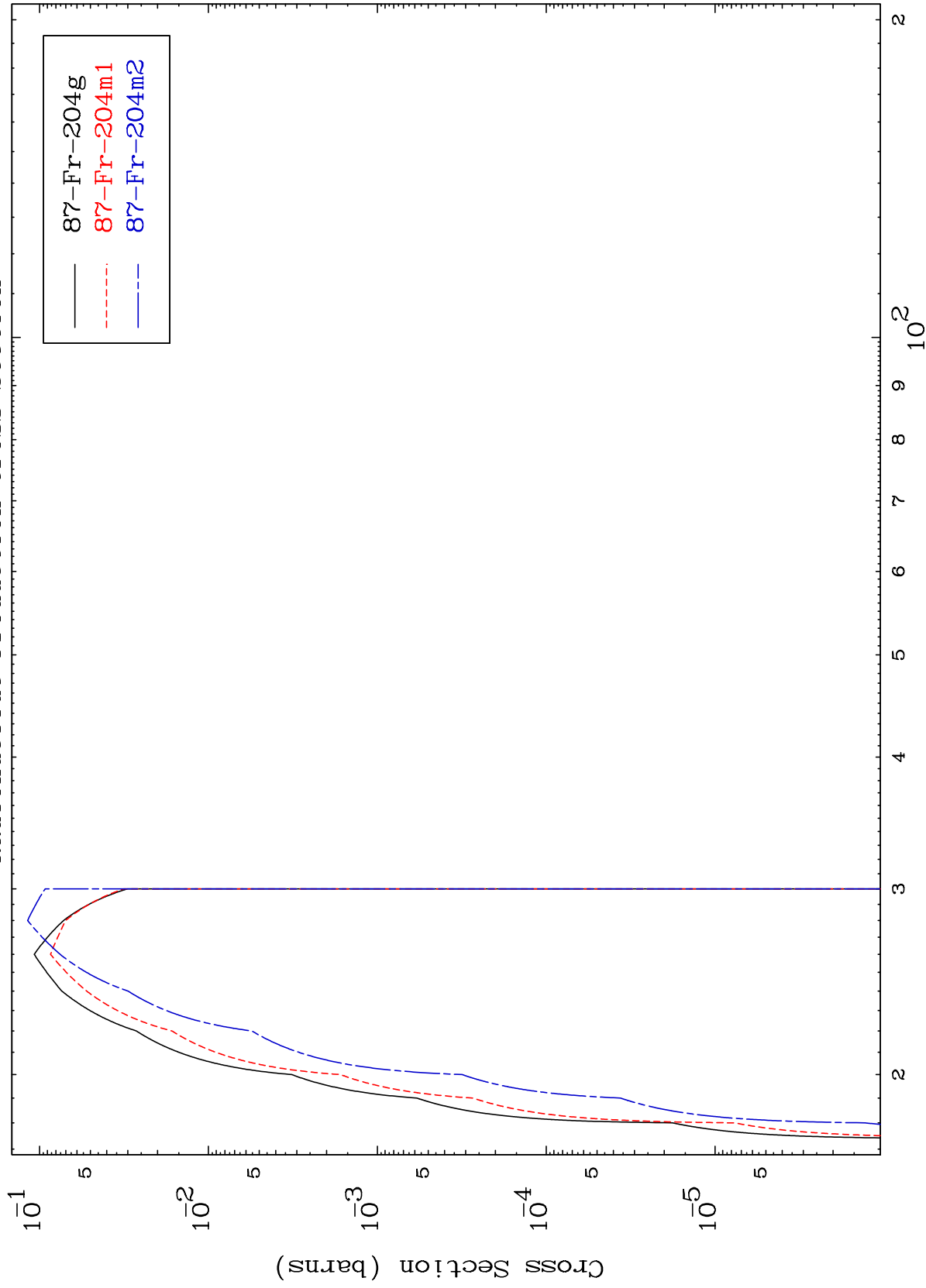


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Incident Energy (MeV)

85-At-201

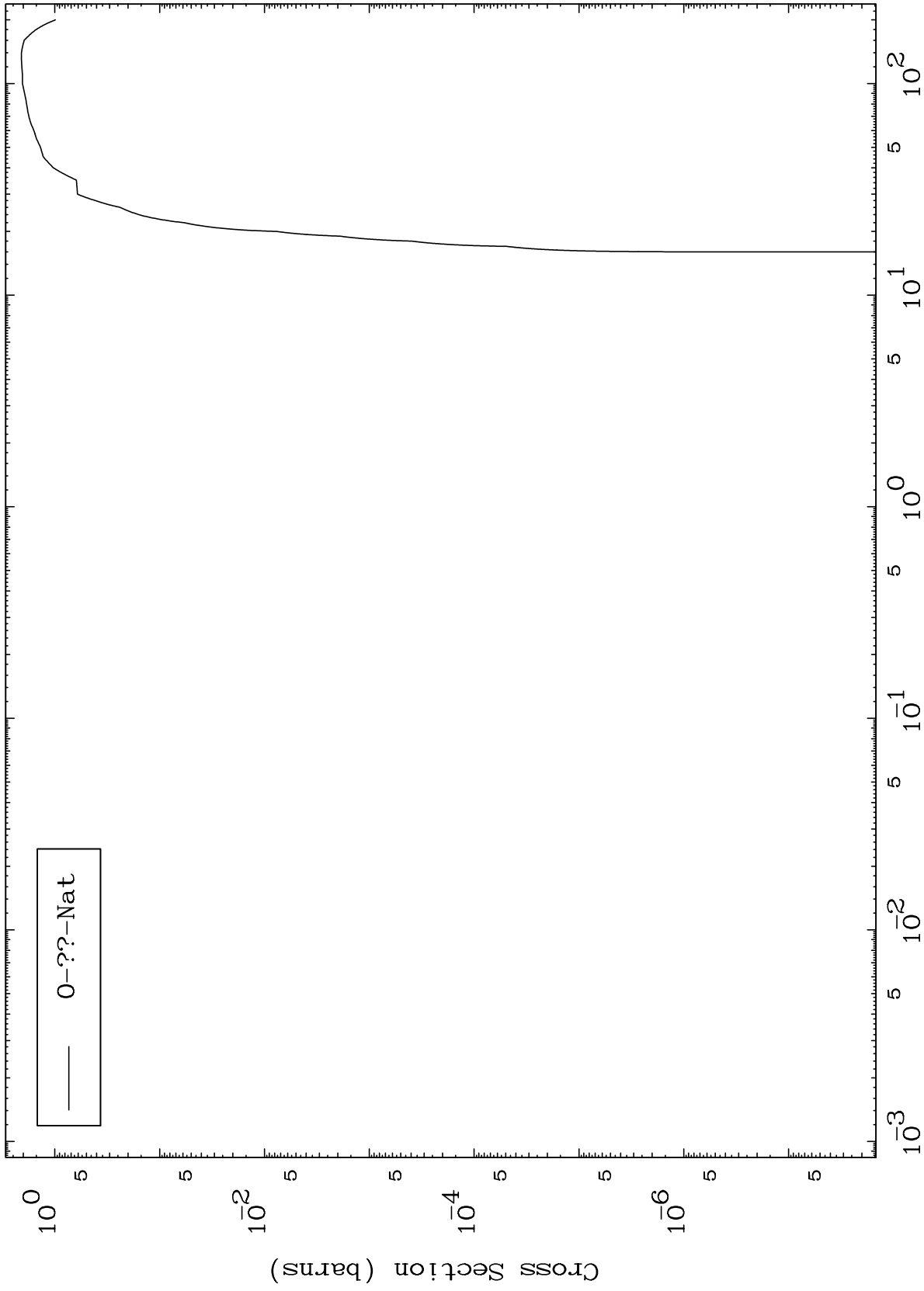
α Inelastic
Radionuclide Production Cross Section



MAT 8519

α Fission
Radionuclide Production Cross Section

85-At-201



12

Incident Energy (MeV)

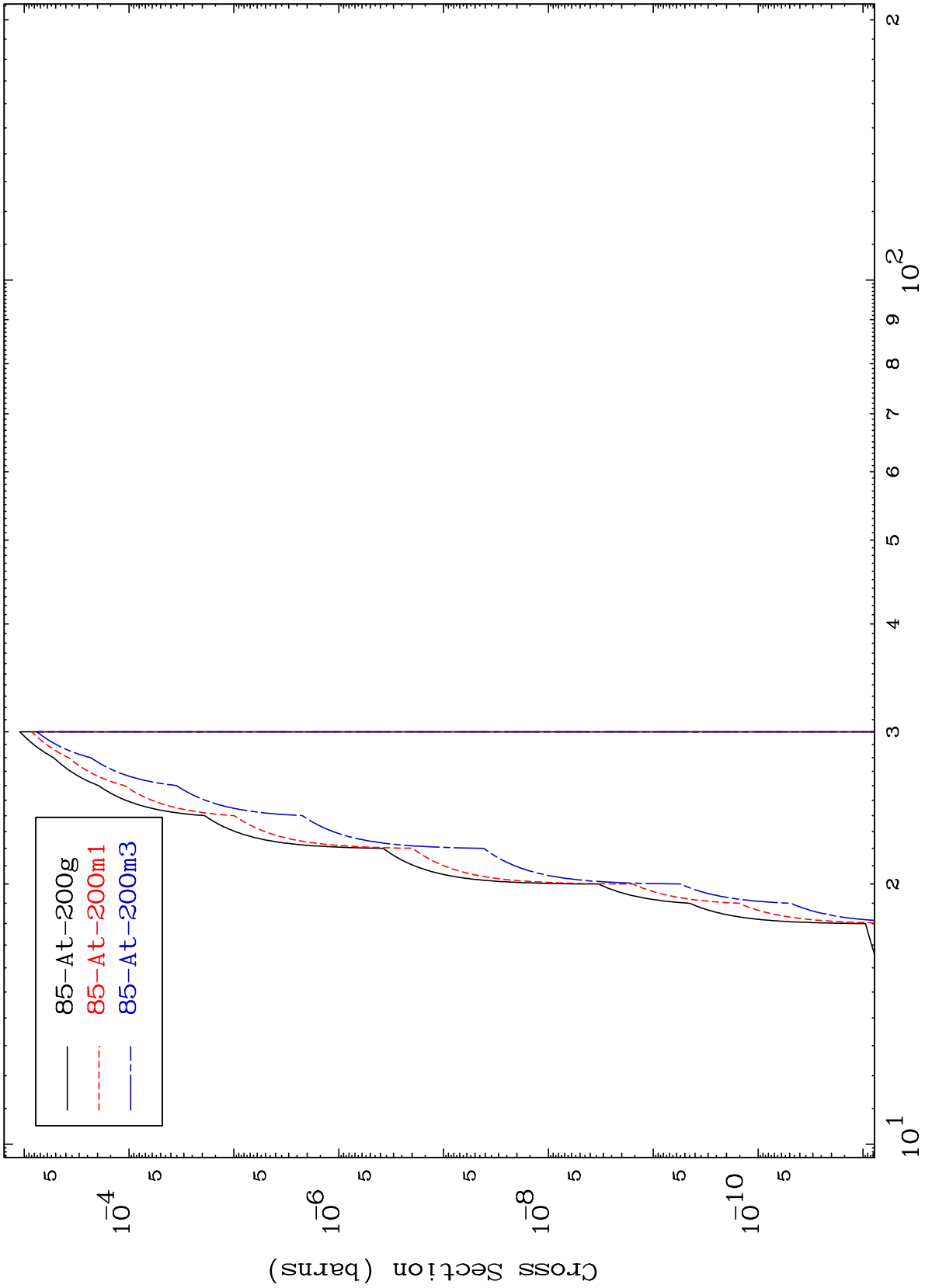
85-At-201

MAT 8519

(α, n') α

85-At-201

Radionuclide Production Cross Section



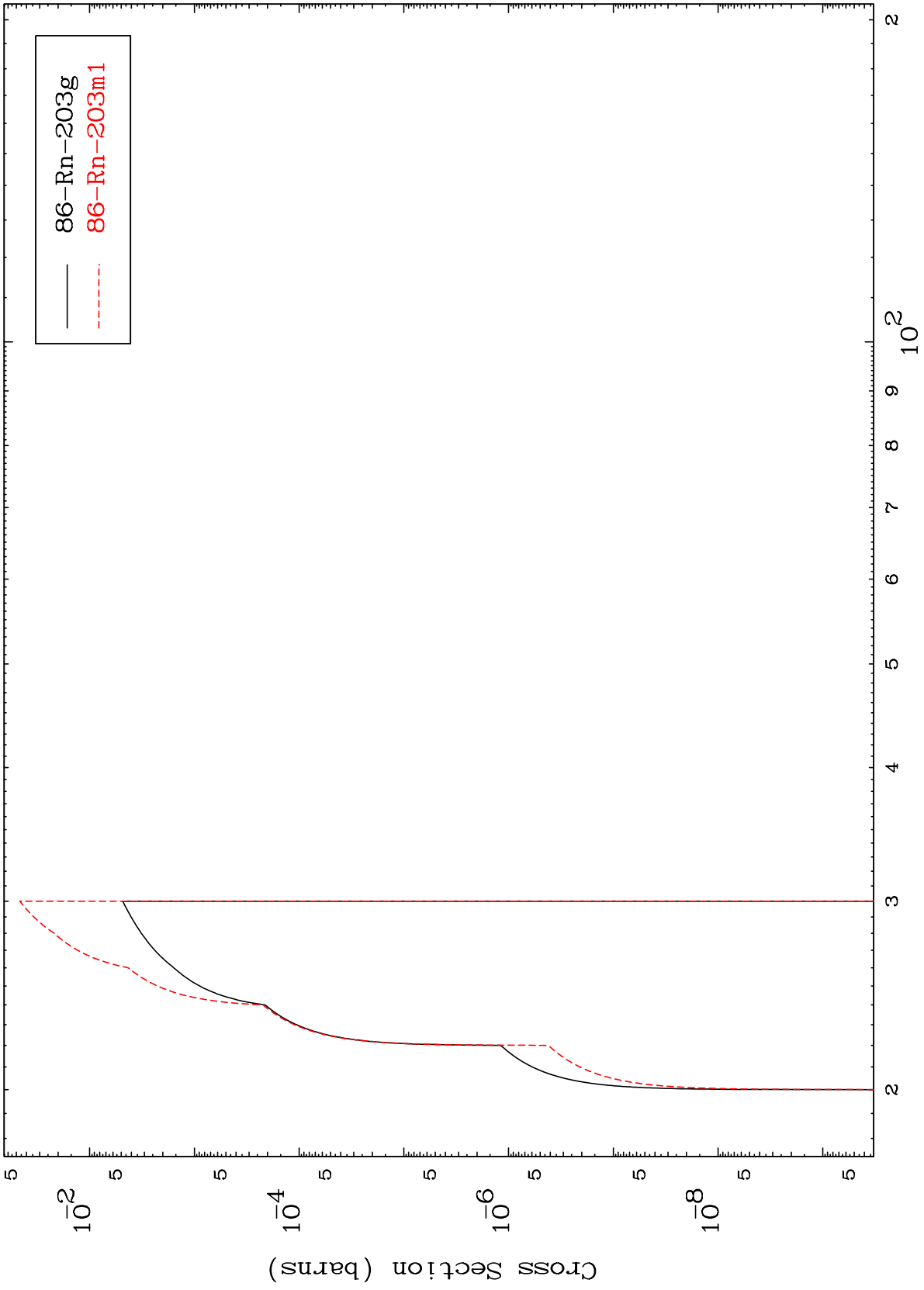
85-At-200g
85-At-200m1
85-At-200m3

MAT 8519

(α, n') p

85-At-201

Radionuclide Production Cross Section



14

Incident Energy (MeV)

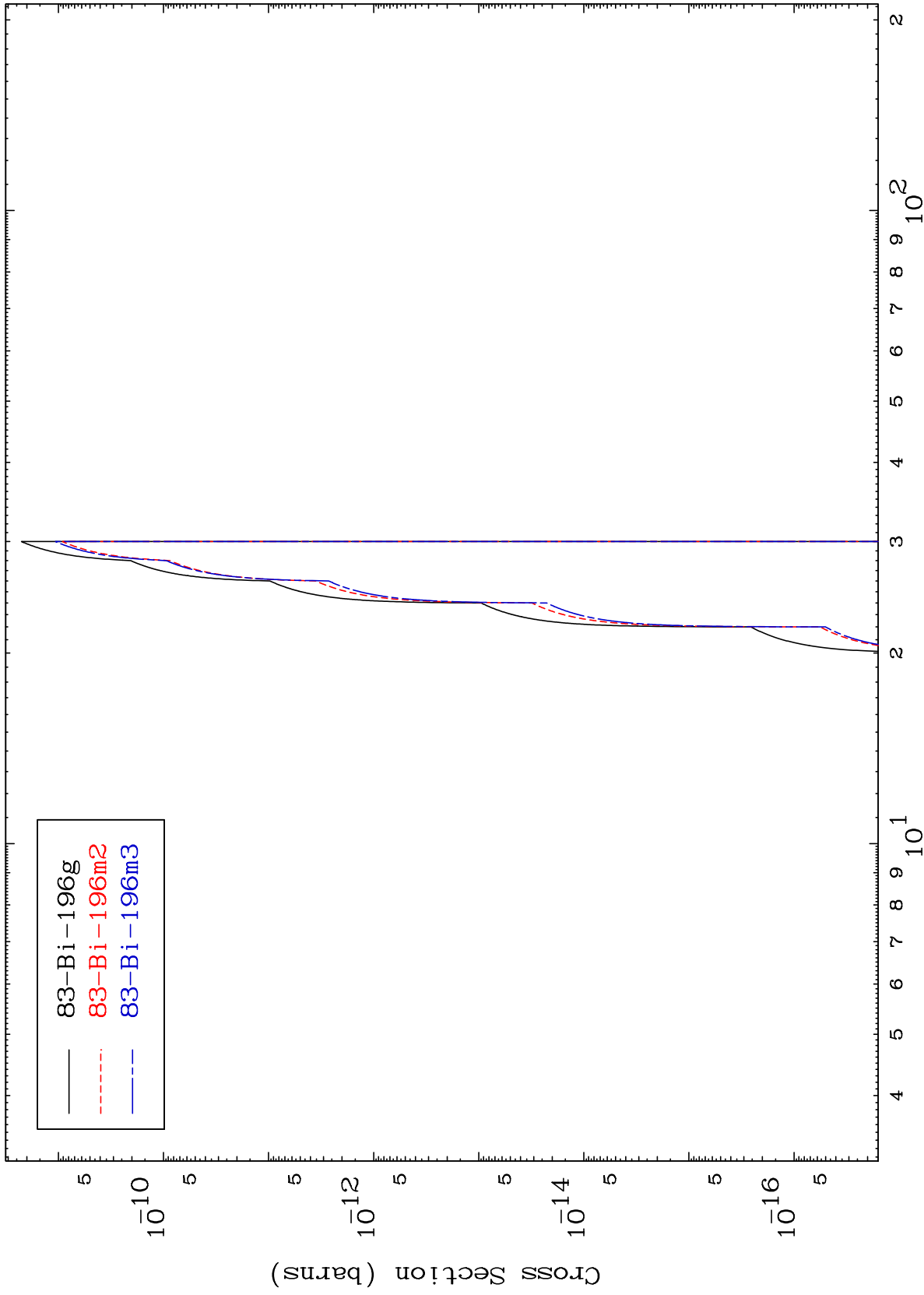
85-At-201

MAT 8519

(α, n') 2α

85-At-201

Radionuclide Production Cross Section



15

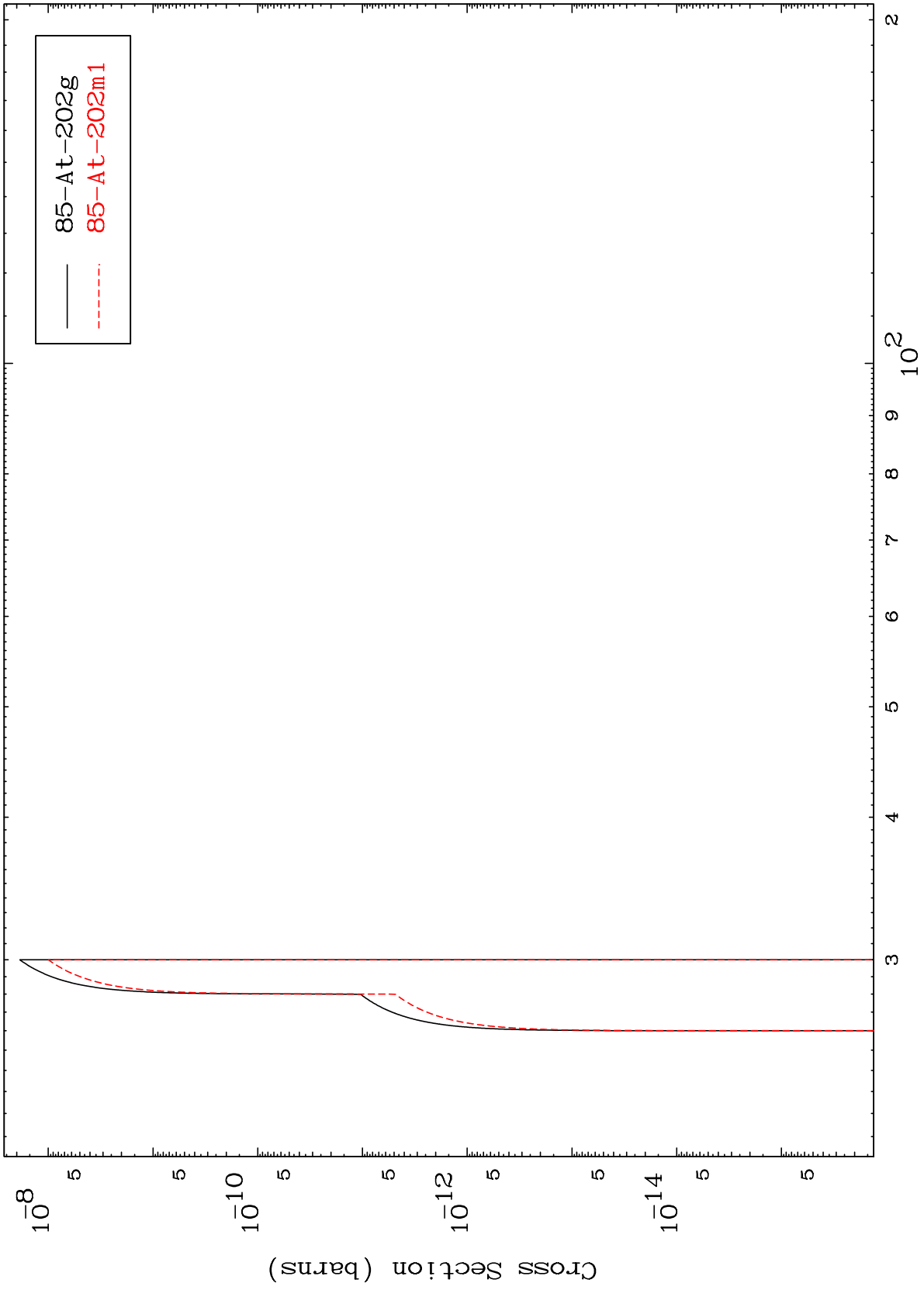
Incident Energy (MeV)

85-At-201

MAT 8519

85-At-201

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



16

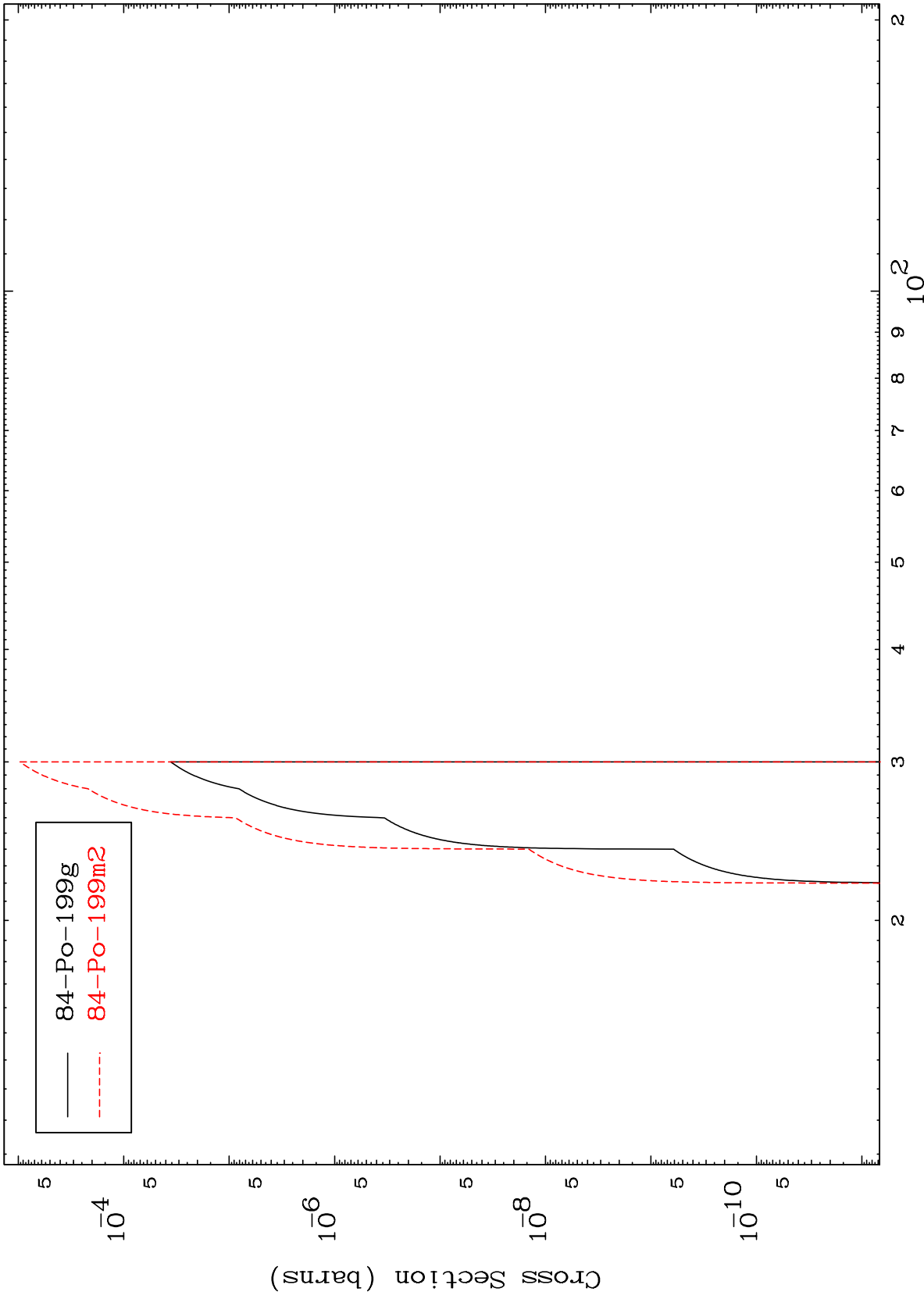
Incident Energy (MeV)

85-At-201

MAT 8519

85-At-201

(α, n') p α
Radionuclide Production Cross Section



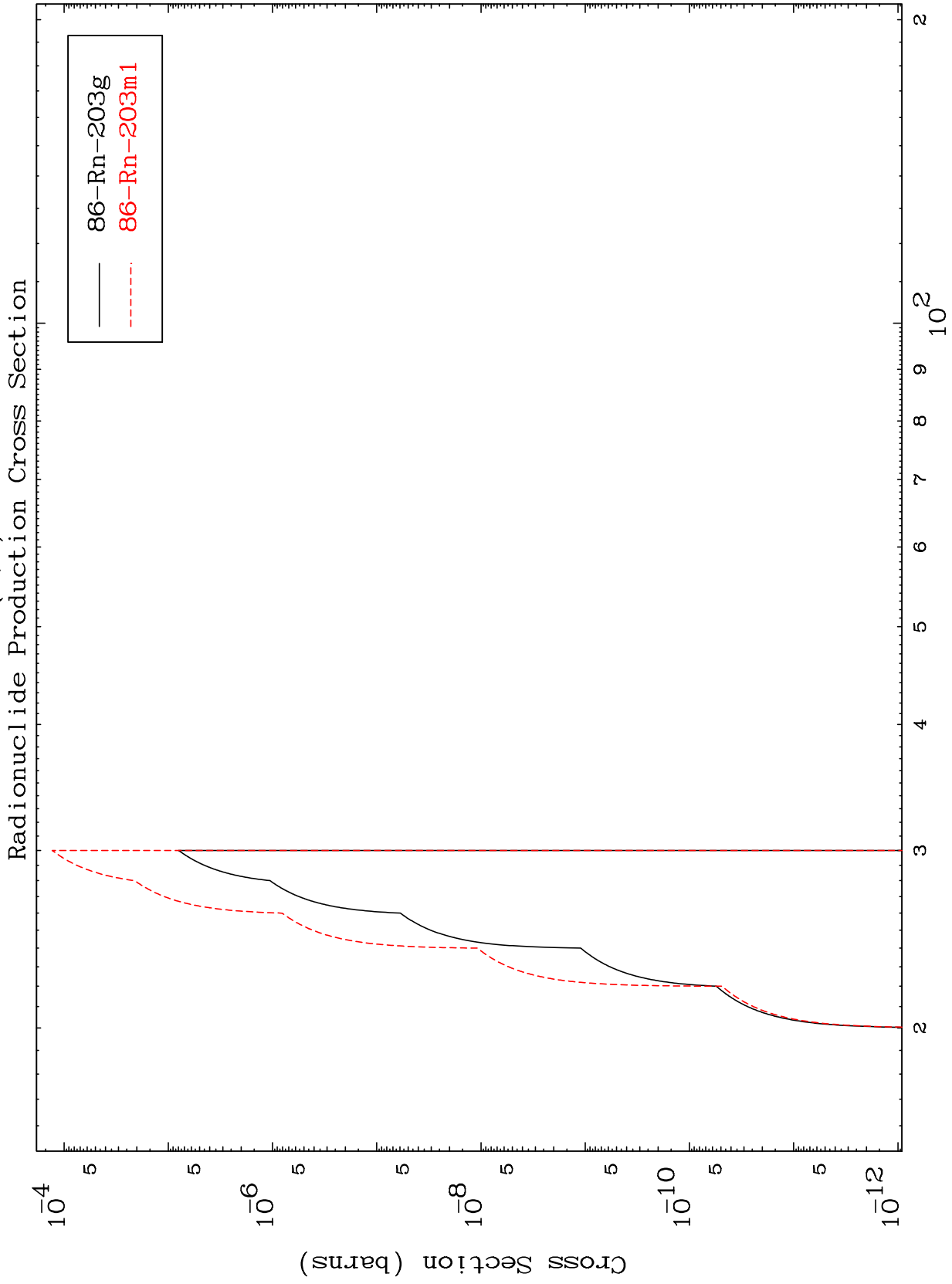
17

85-At-201

MAT 8519

(α, d)

85-At-201



18

Incident Energy (MeV)

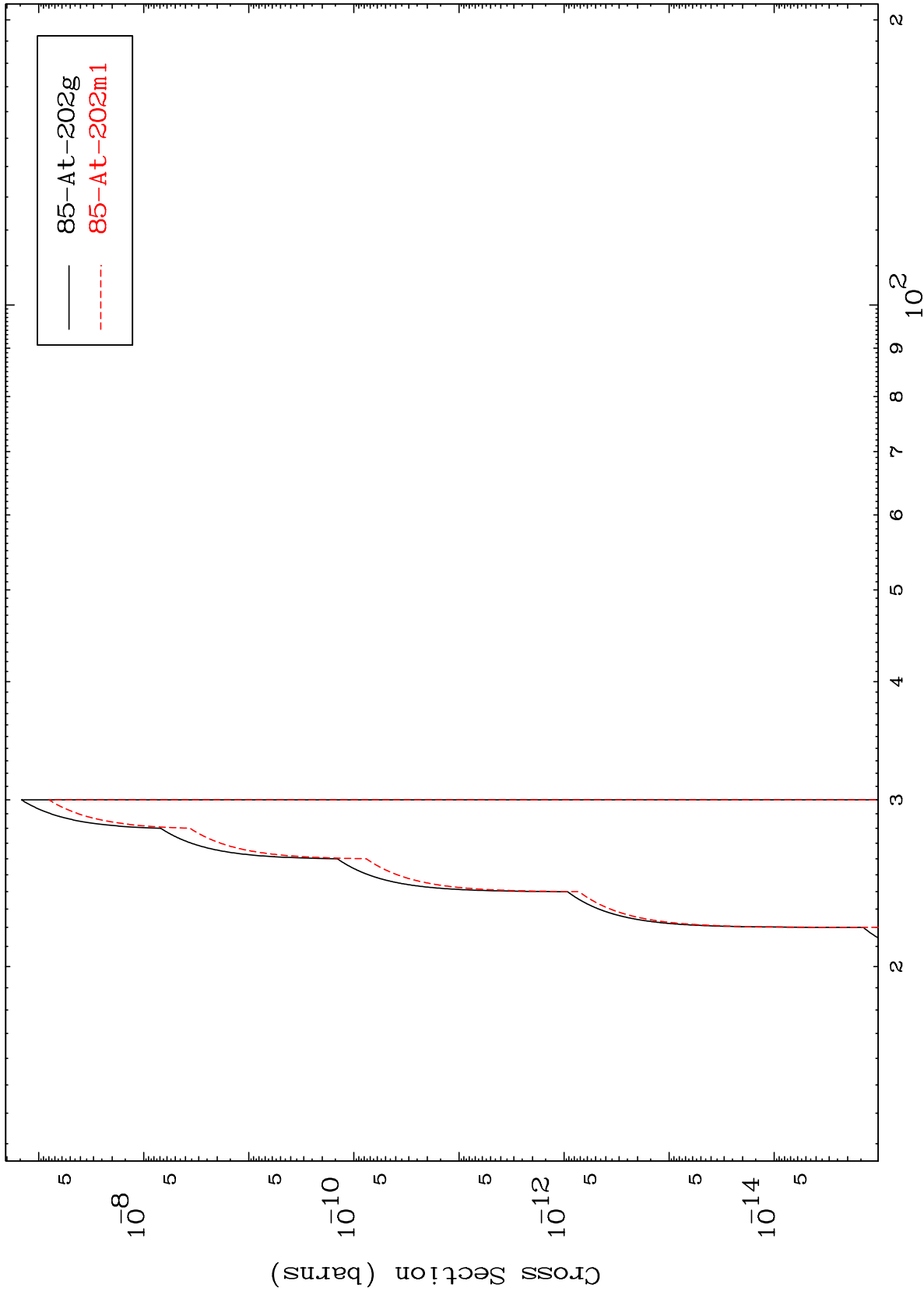
85-At-201

MAT 8519

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

85-At-201

Radionuclide Production Cross Section



19

Incident Energy (MeV)

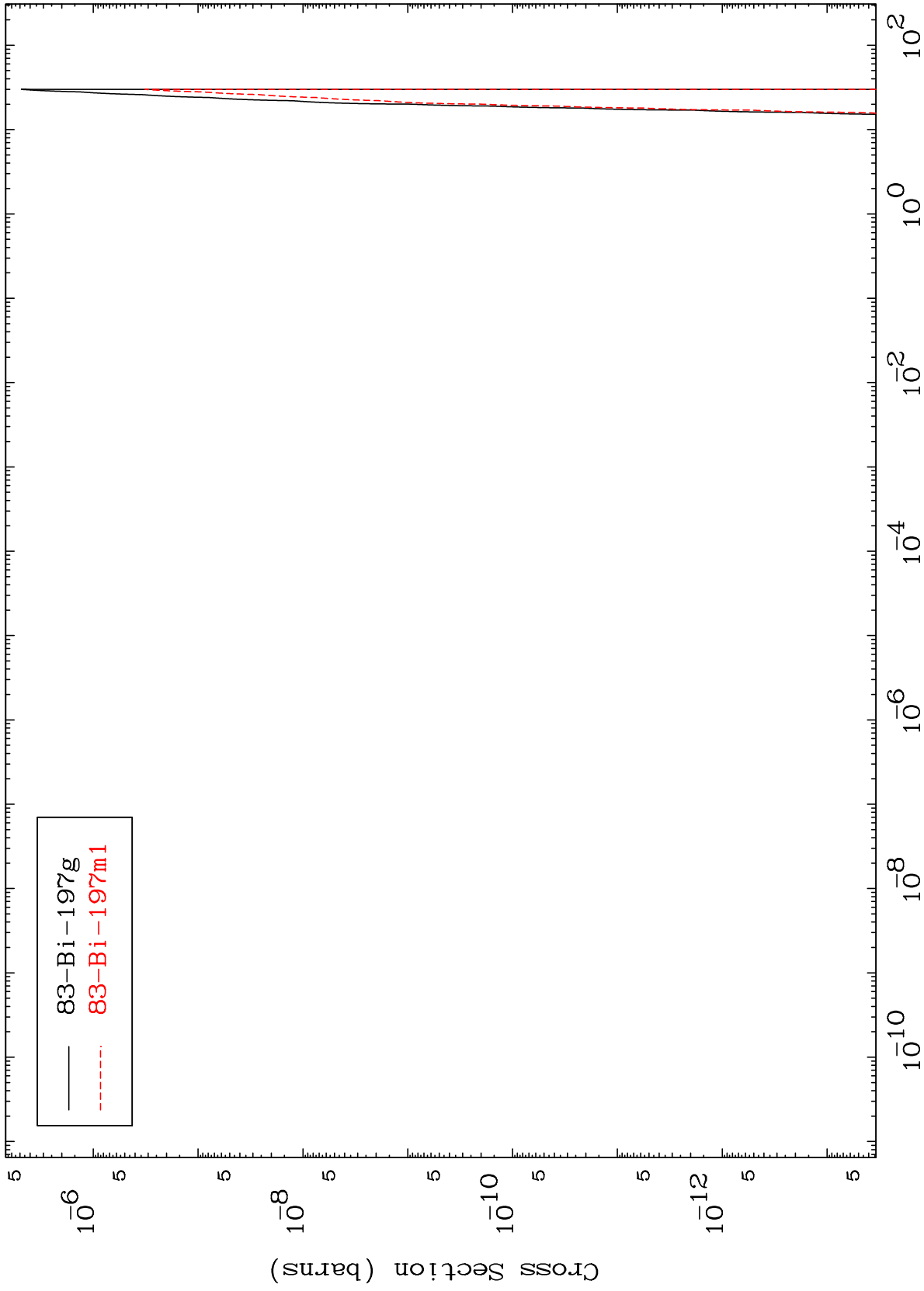
85-At-201

MAT 8519

($\alpha, 2\alpha$)

85-At-201

Radionuclide Production Cross Section



20

Incident Energy (MeV)

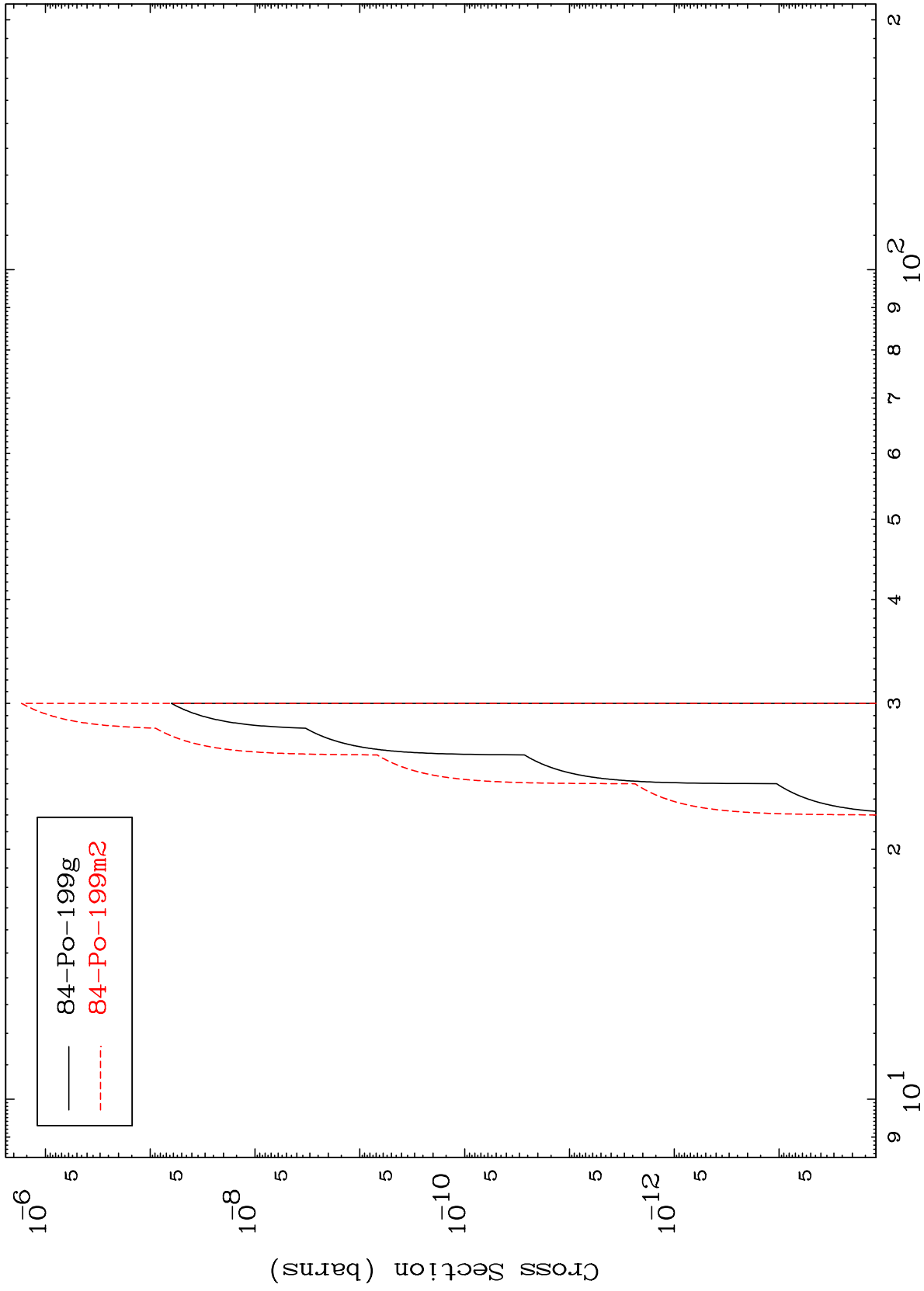
85-At-201

MAT 8519

(α, d) α

85-At-201

Radionuclide Production Cross Section



21

Incident Energy (MeV)

85-At-201