

Program EVALPLOT
(Version 2018-1)

by

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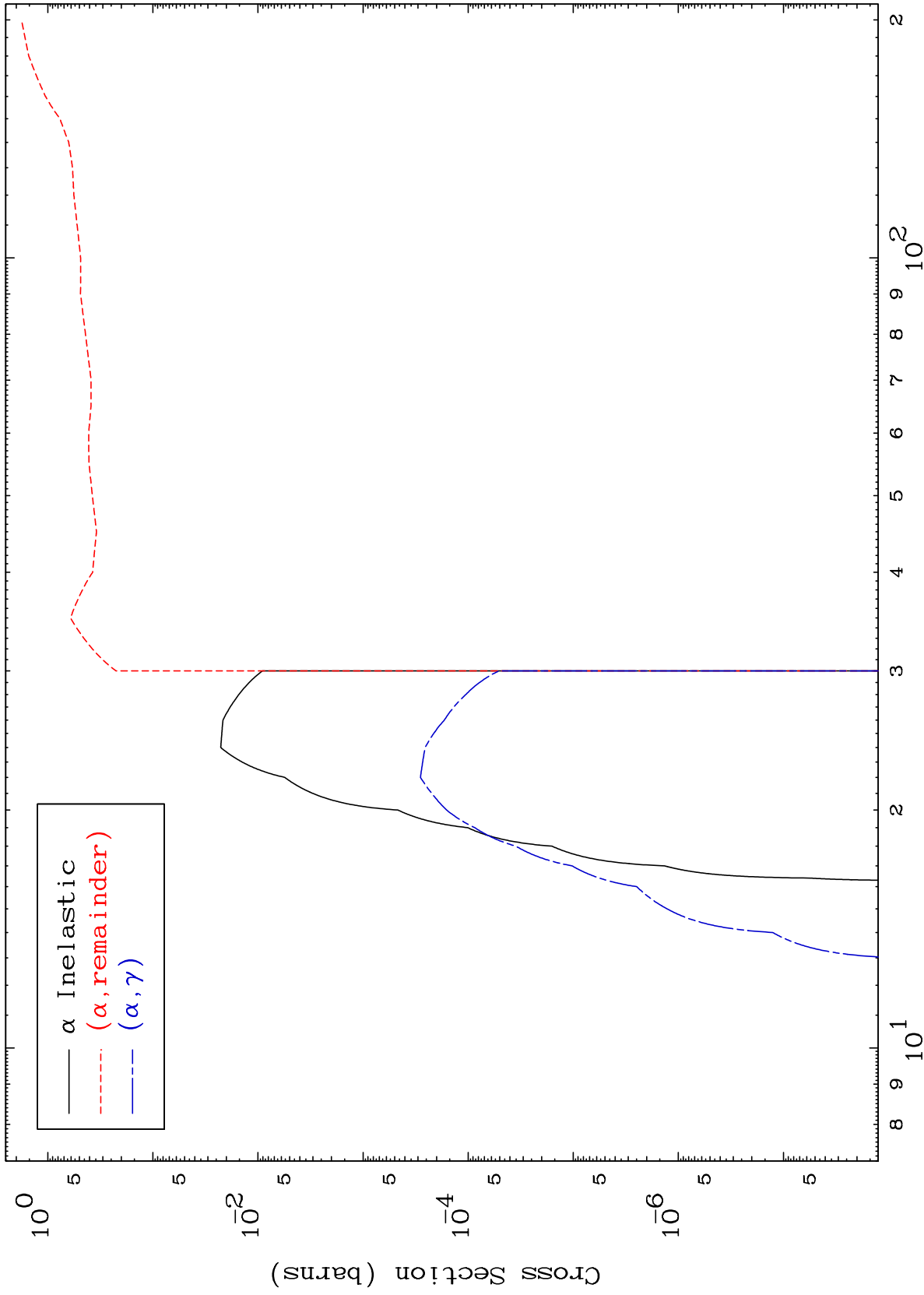
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8510

α Major
0 Kelvin Cross Sections

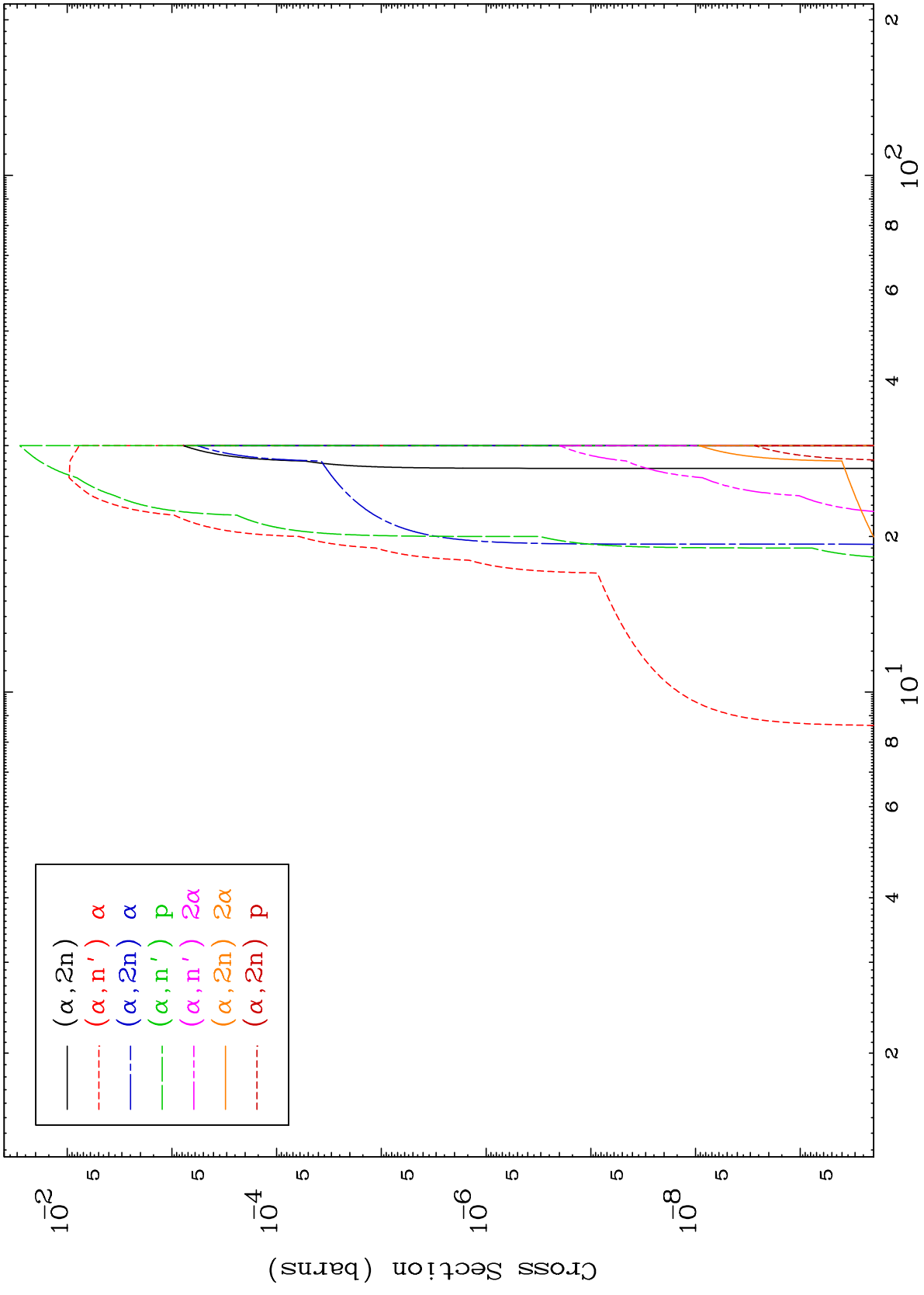
85-At-198

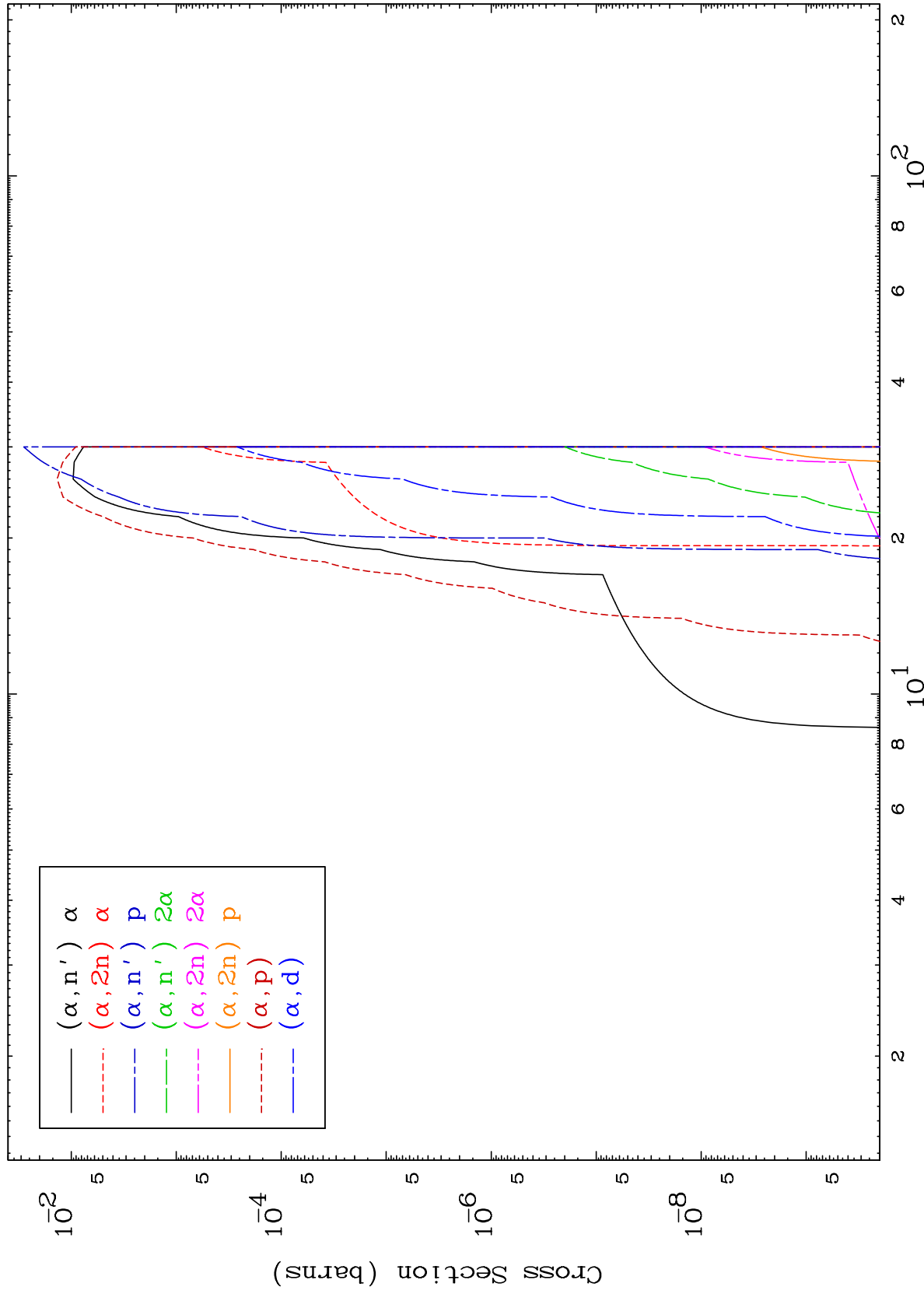


1

Incident Energy (MeV)

85-At-198

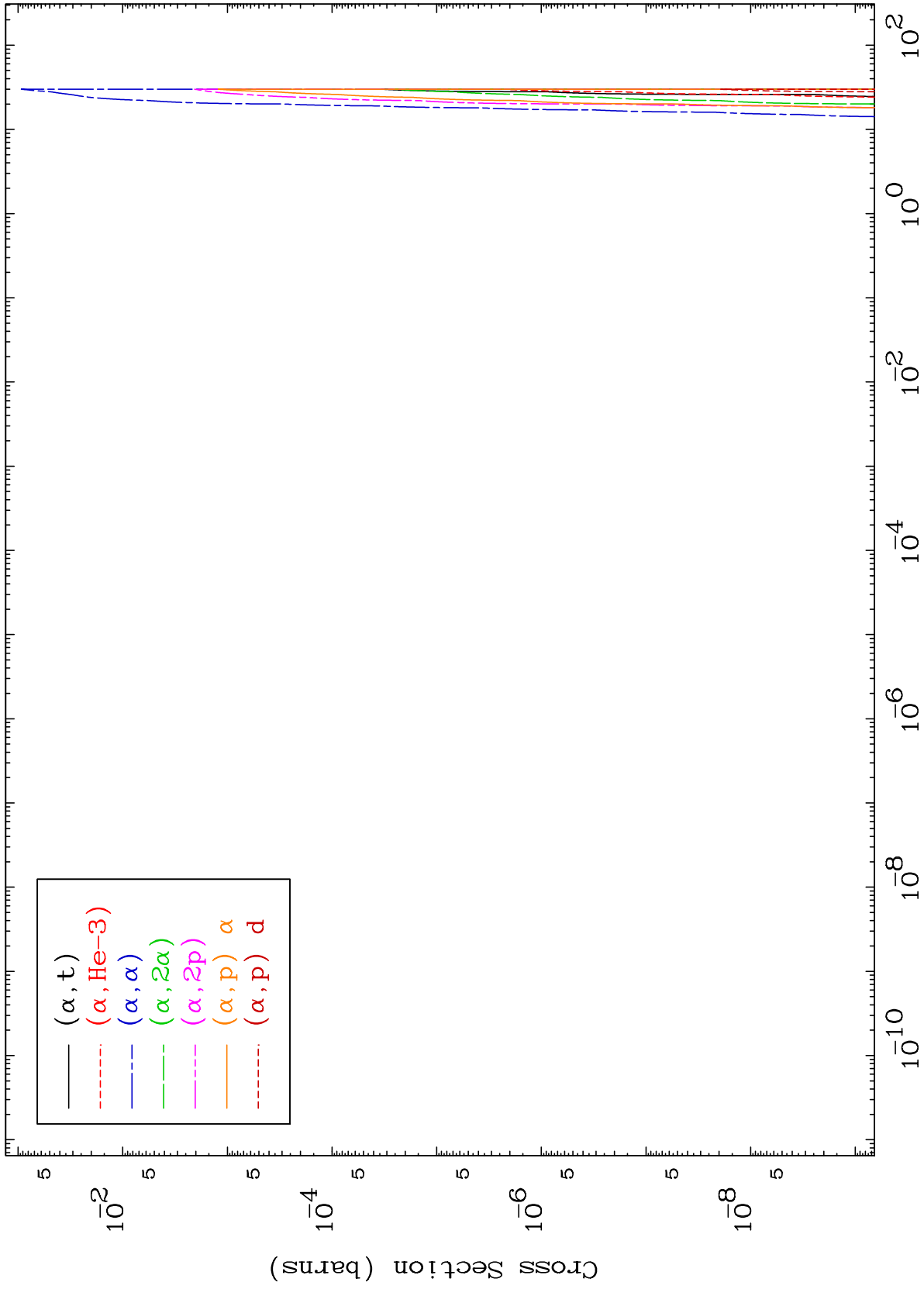




MAT 8510

α Charged Particle
0 Kelvin Cross Sections

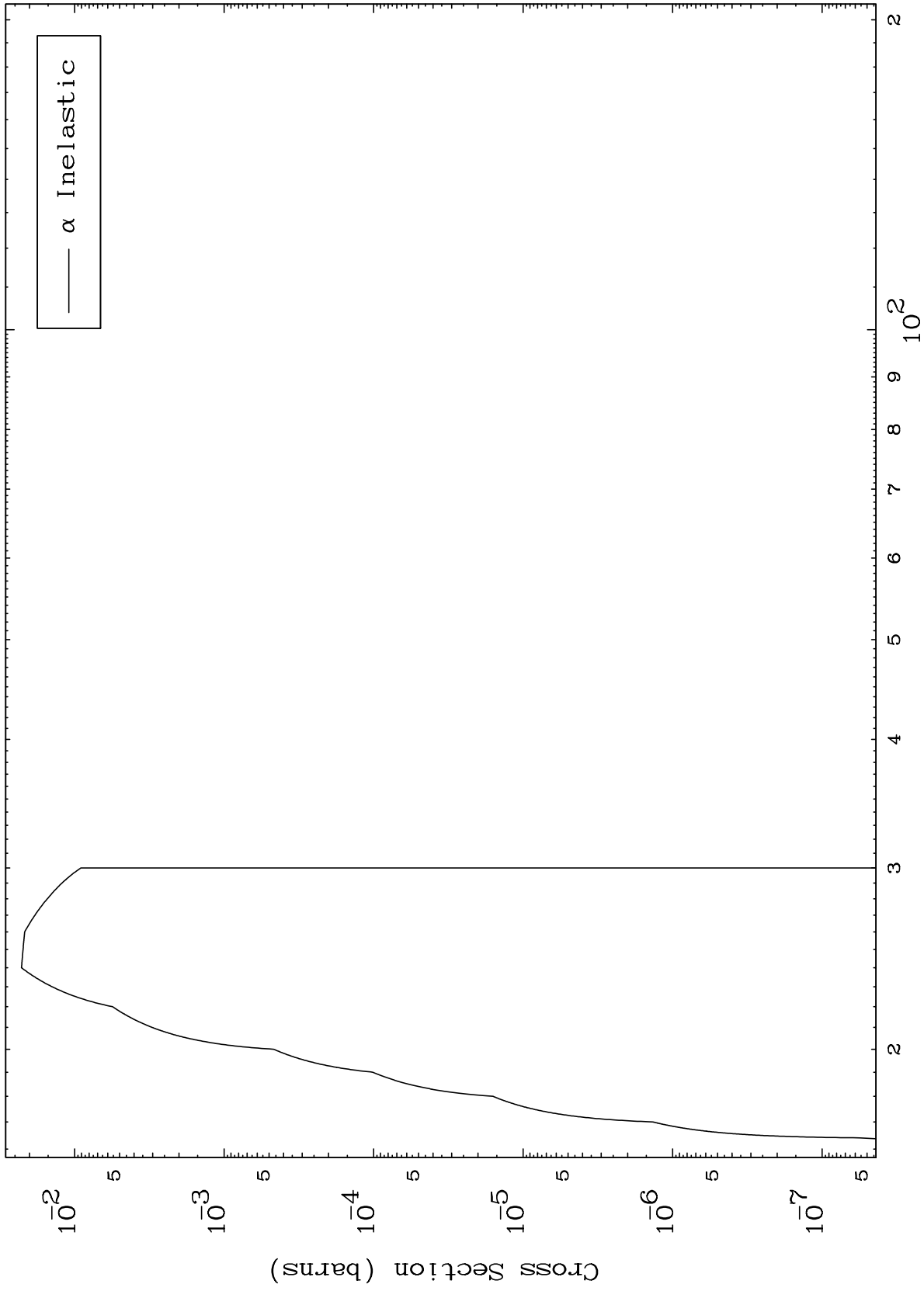
85-At-198



MAT 8510

(α, n') Level
0 Kelvin Cross Sections

85-At-198



5

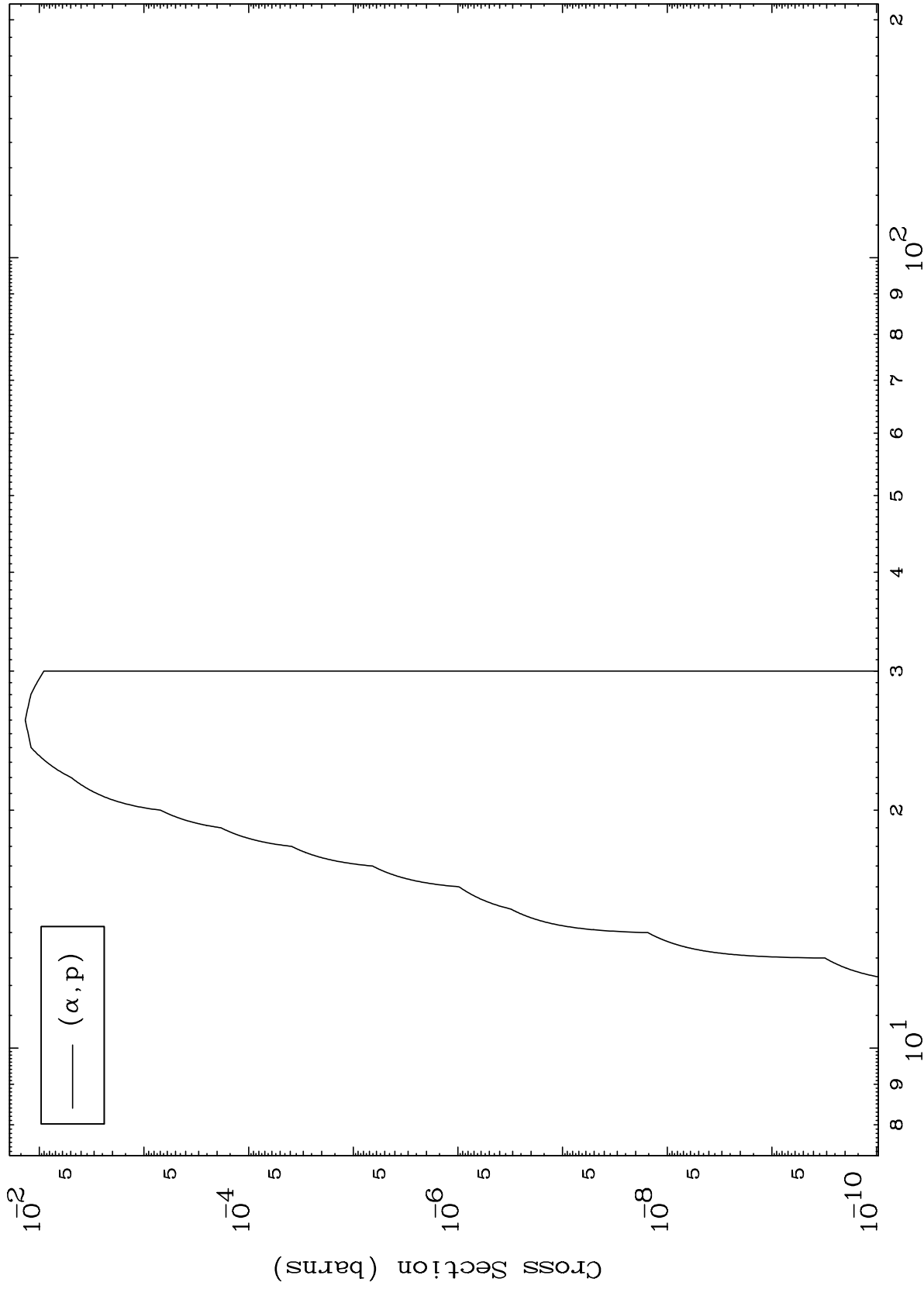
Incident Energy (MeV)

85-At-198

MAT 8510

85-At-198

(α, p) Levels
0 Kelvin Cross Sections



6

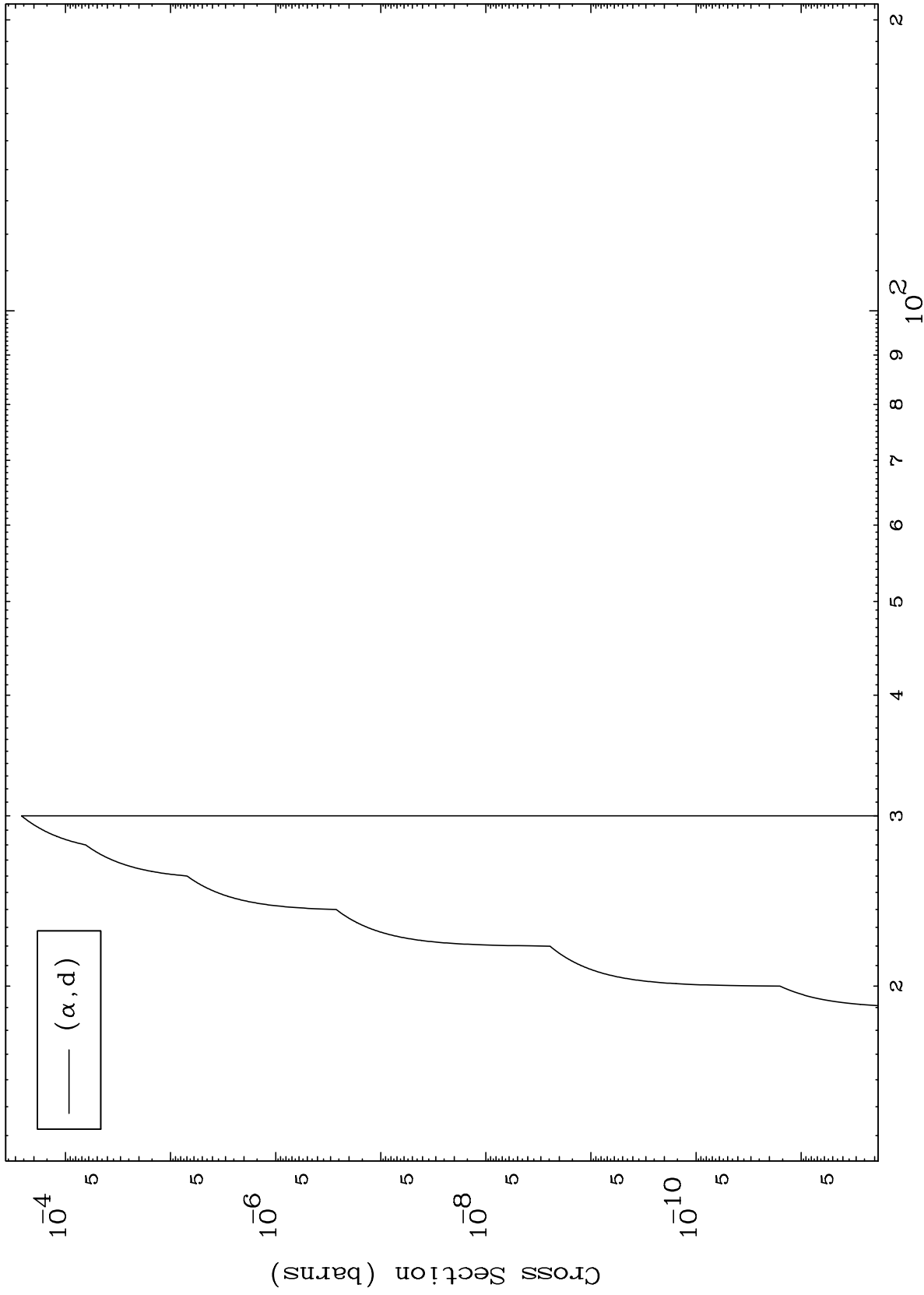
Incident Energy (MeV)

85-At-198

MAT 8510

(α, d) Levels
0 Kelvin Cross Sections

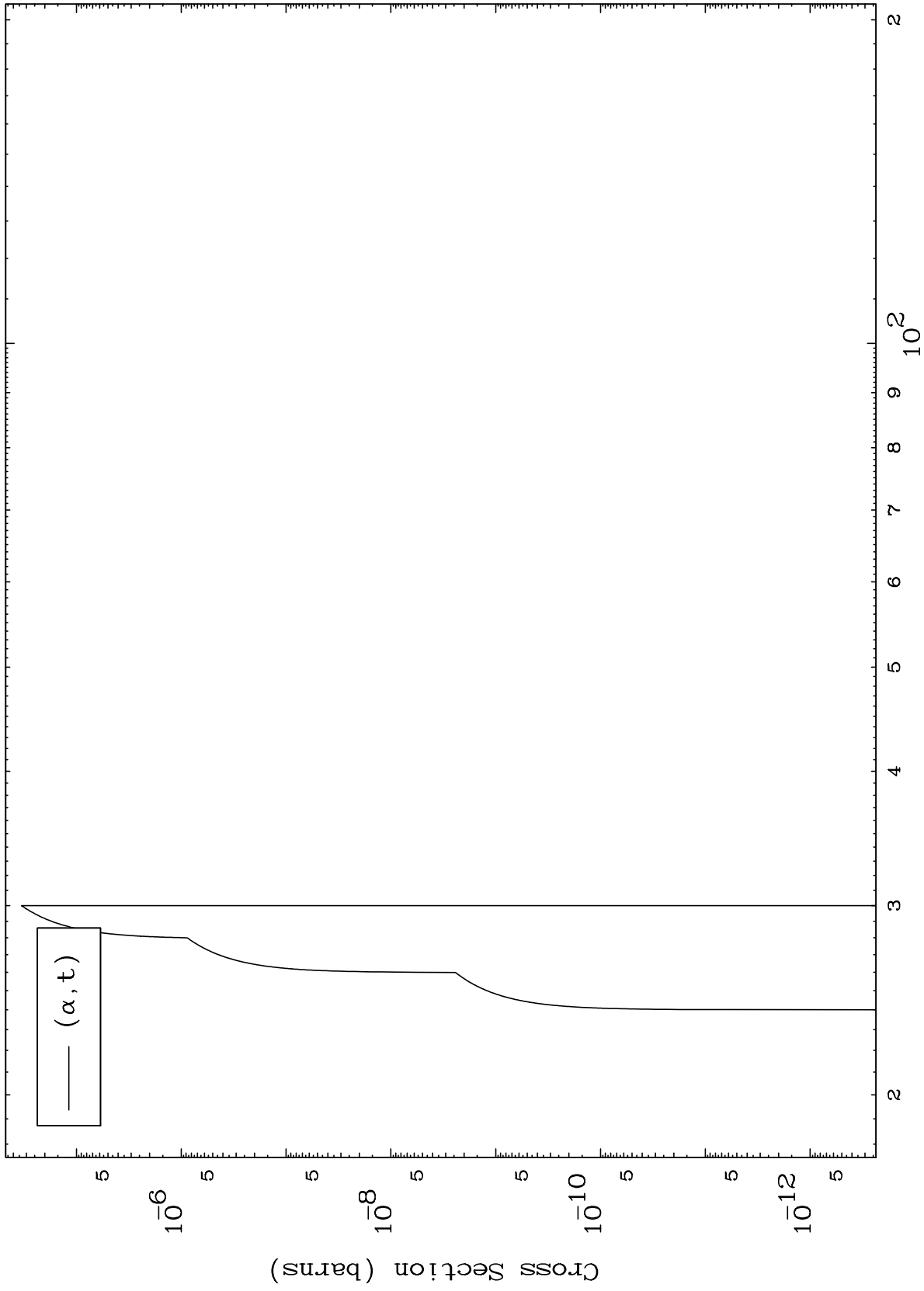
85-At-198

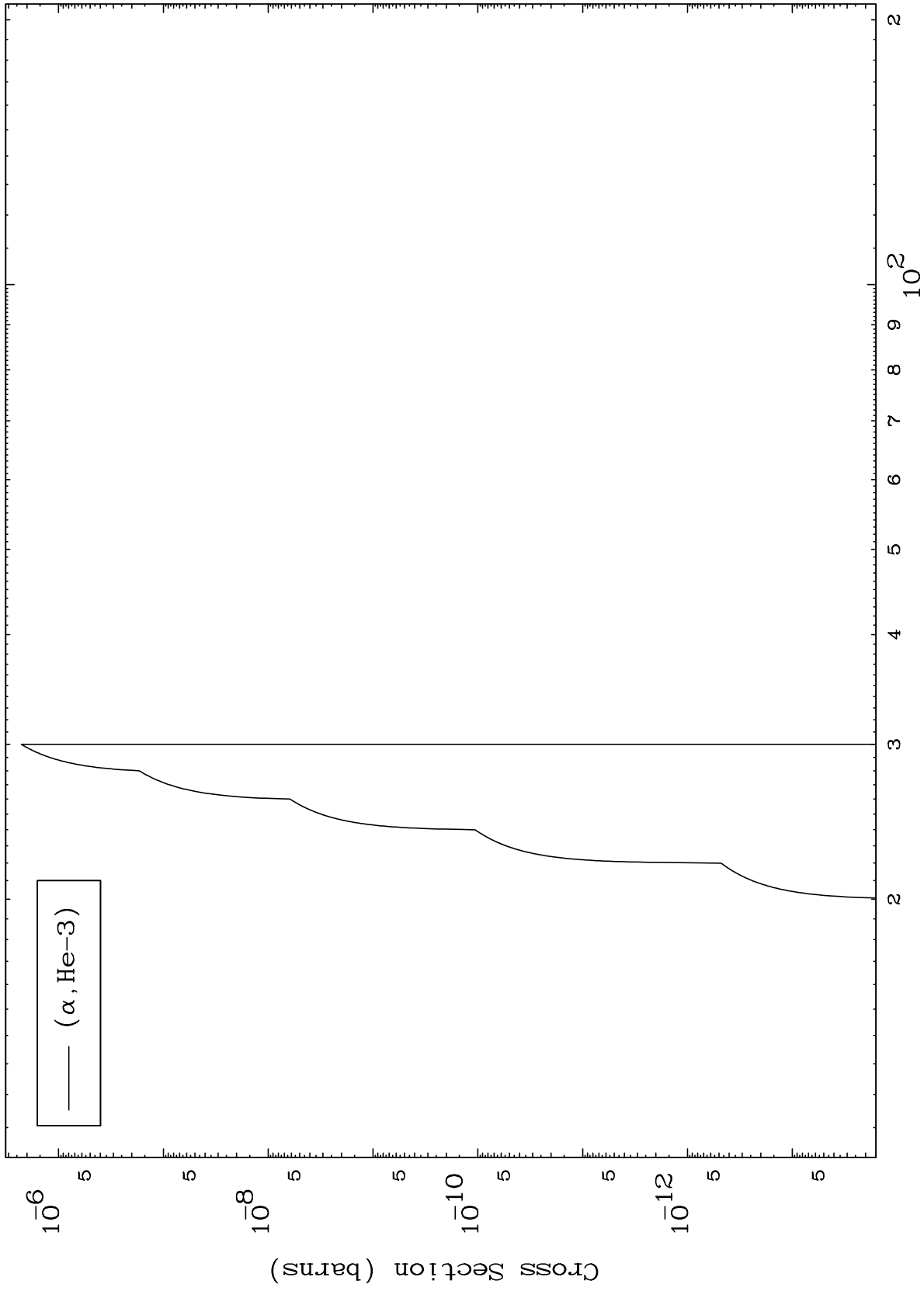


7

Incident Energy (MeV)

85-At-198

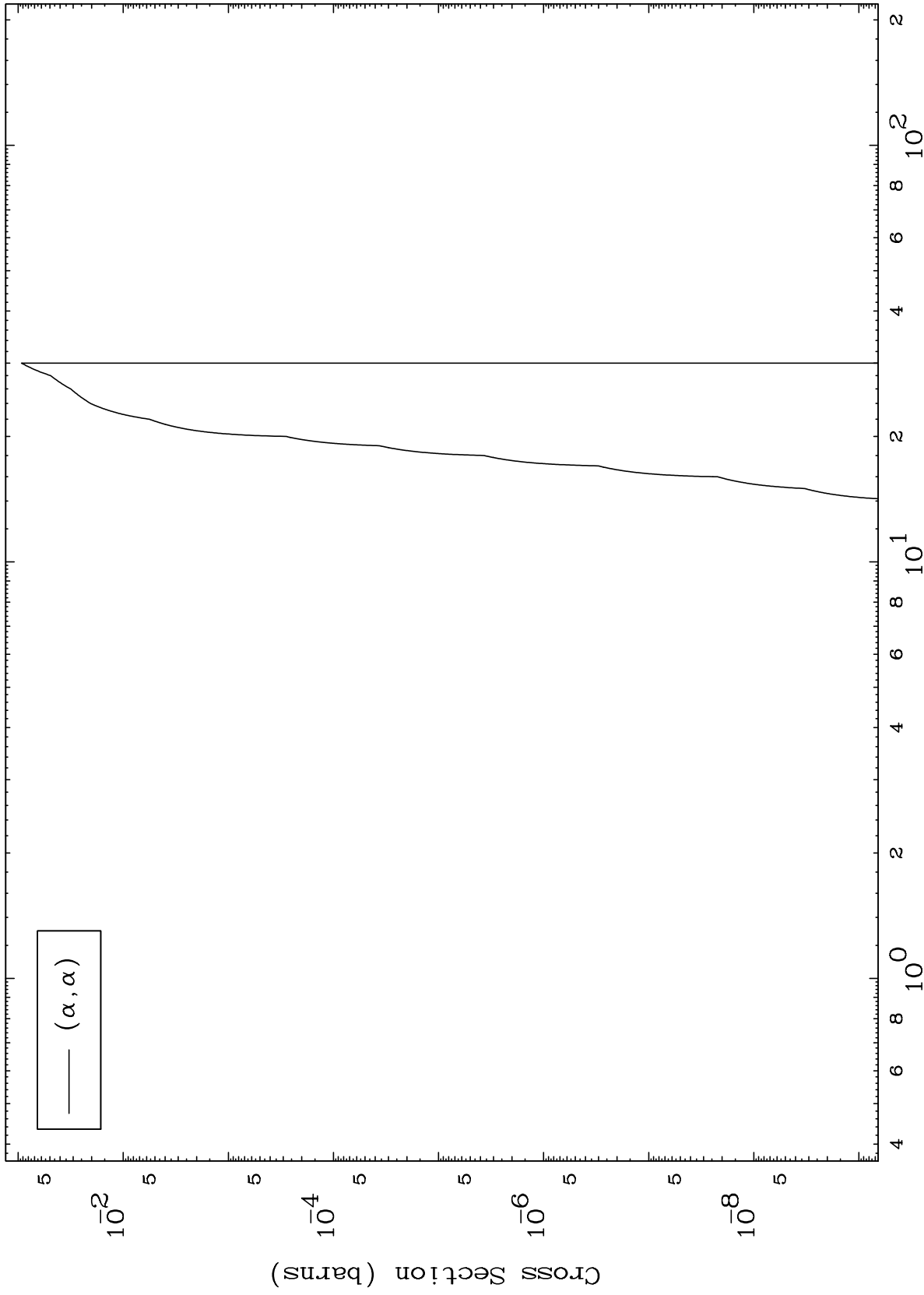




MAT 8510

(α, α) Levels
0 Kelvin Cross Sections

85-At-198



10

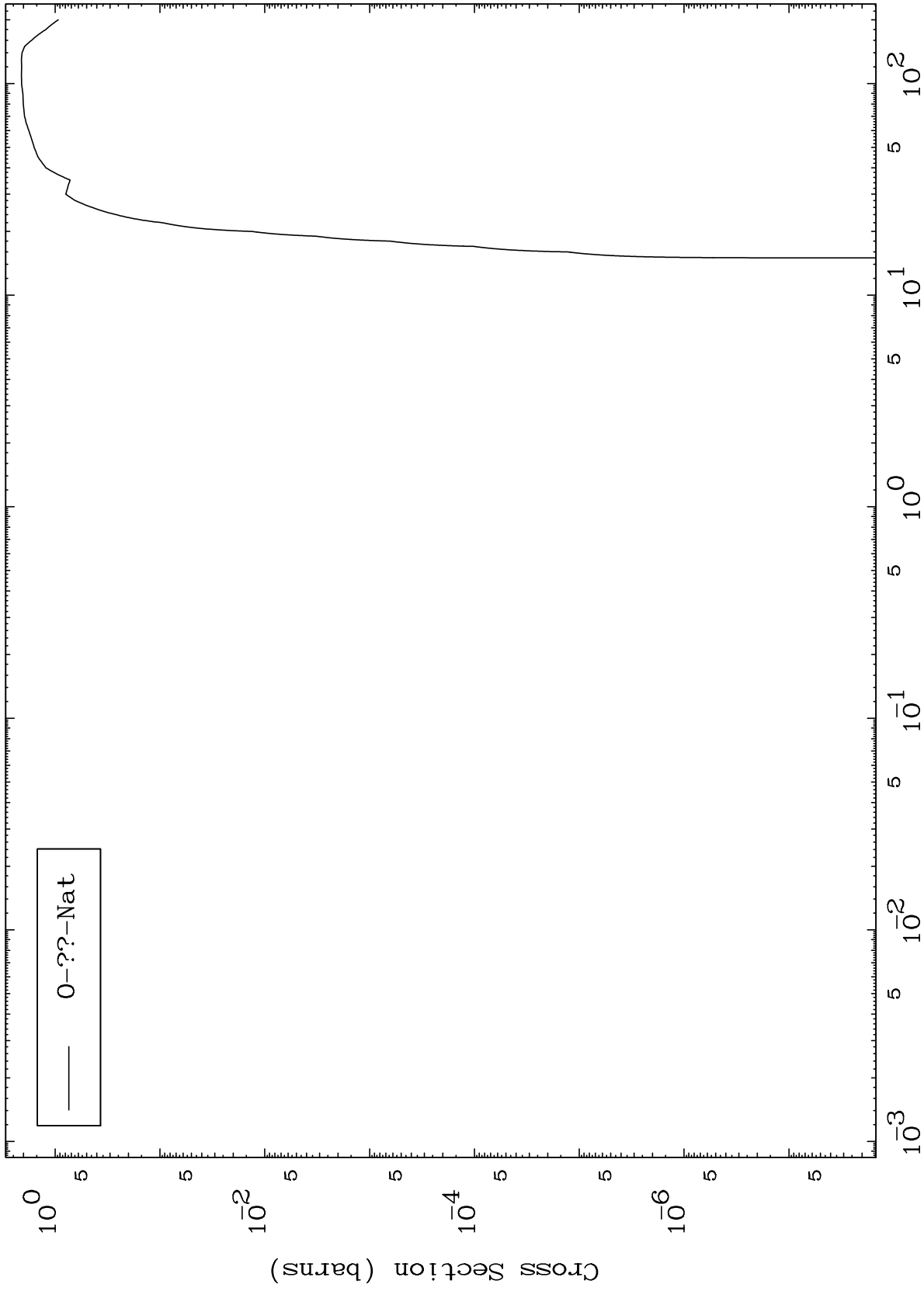
Incident Energy (MeV)

85-At-198

MAT 8510

85-At-198

α Fission
Radionuclide Production Cross Section



11

Incident Energy (MeV)

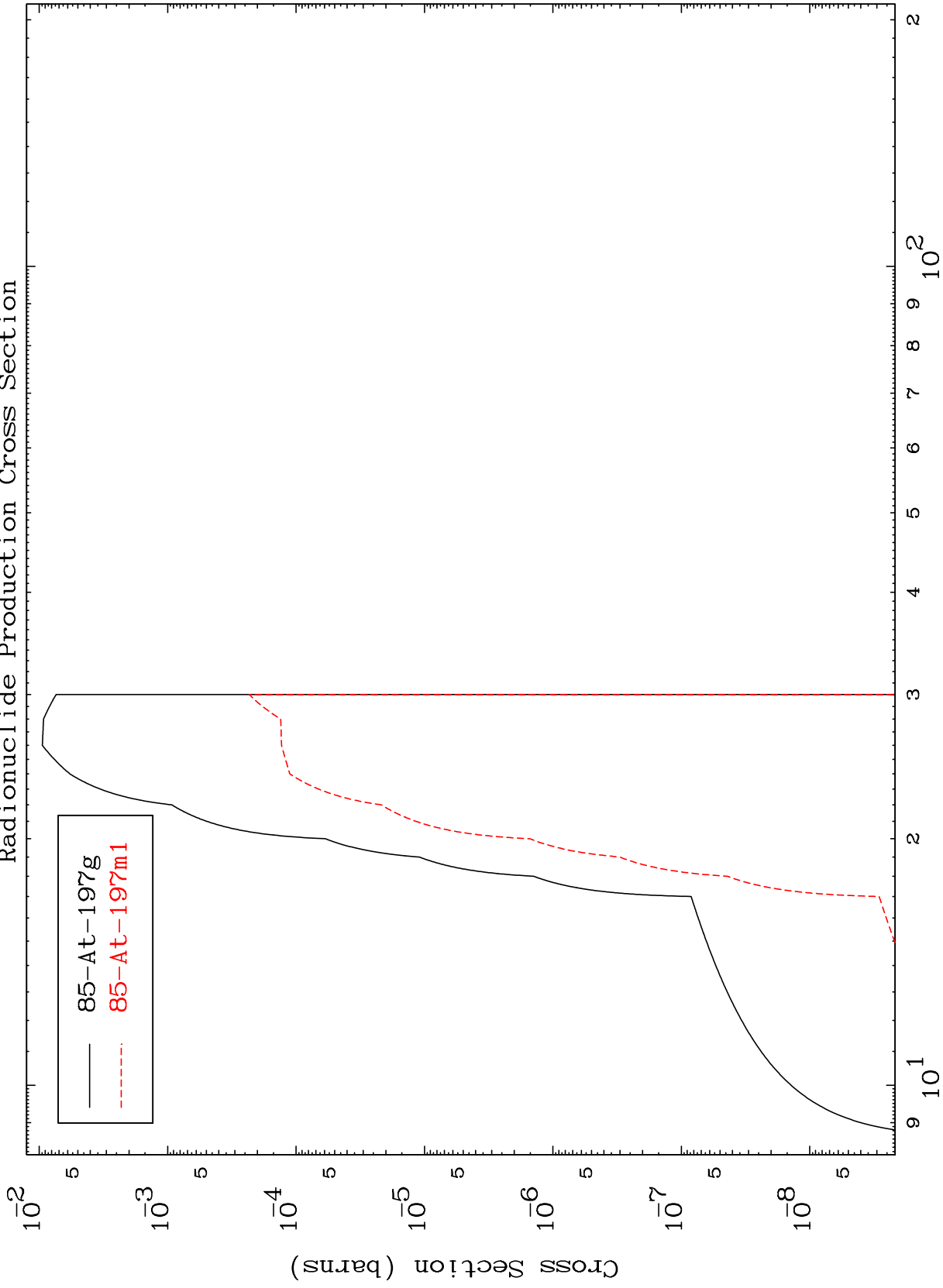
85-At-198

MAT 8510

(α, n') α

85-At-198

Radionuclide Production Cross Section



12

Incident Energy (MeV)

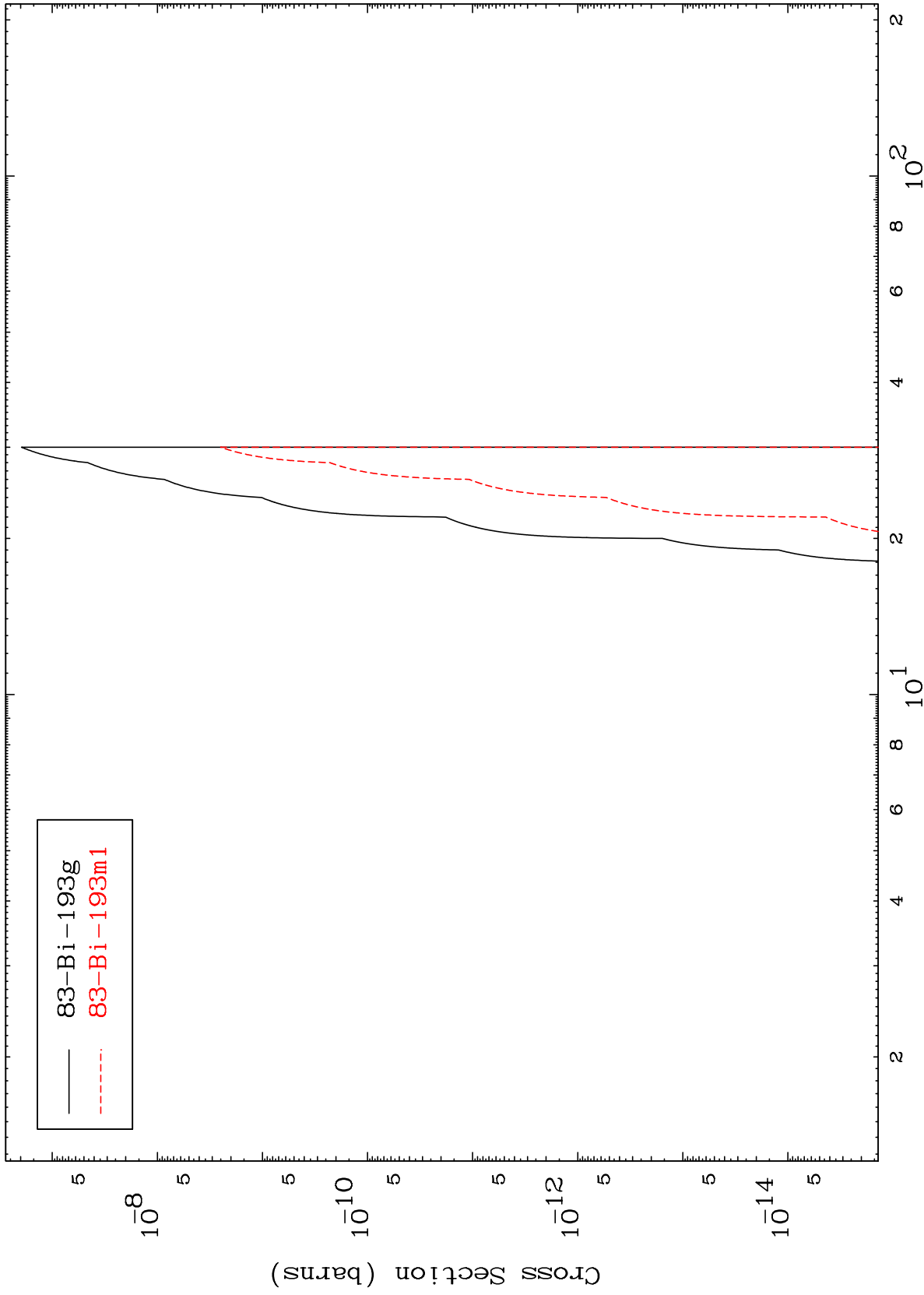
85-At-198

MAT 8510

(α, n') 2α

85-At-198

Radionuclide Production Cross Section



13

Incident Energy (MeV)

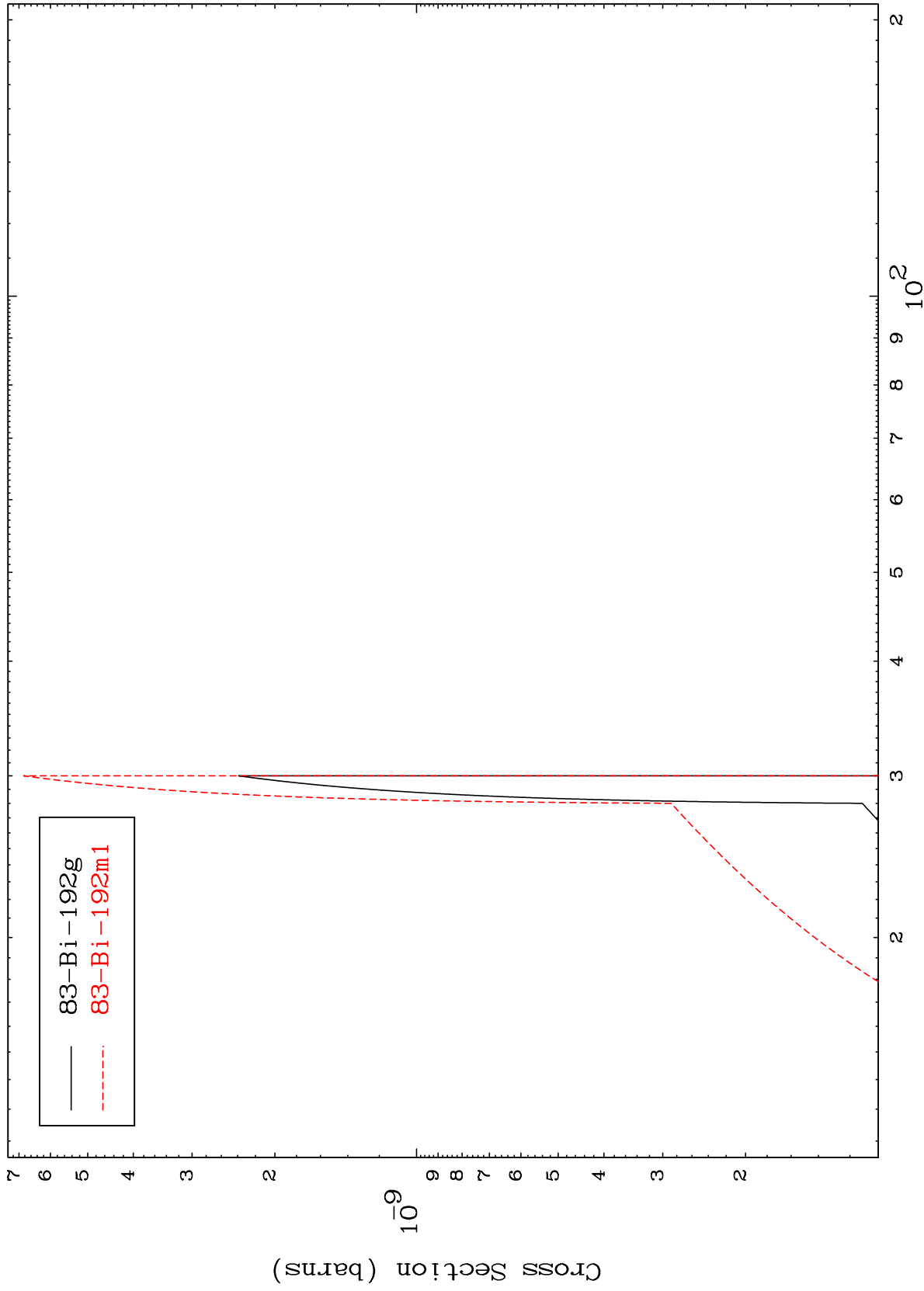
85-At-198

MAT 8510

($\alpha, 2n$) 2α

85-At-198

Radionuclide Production Cross Section



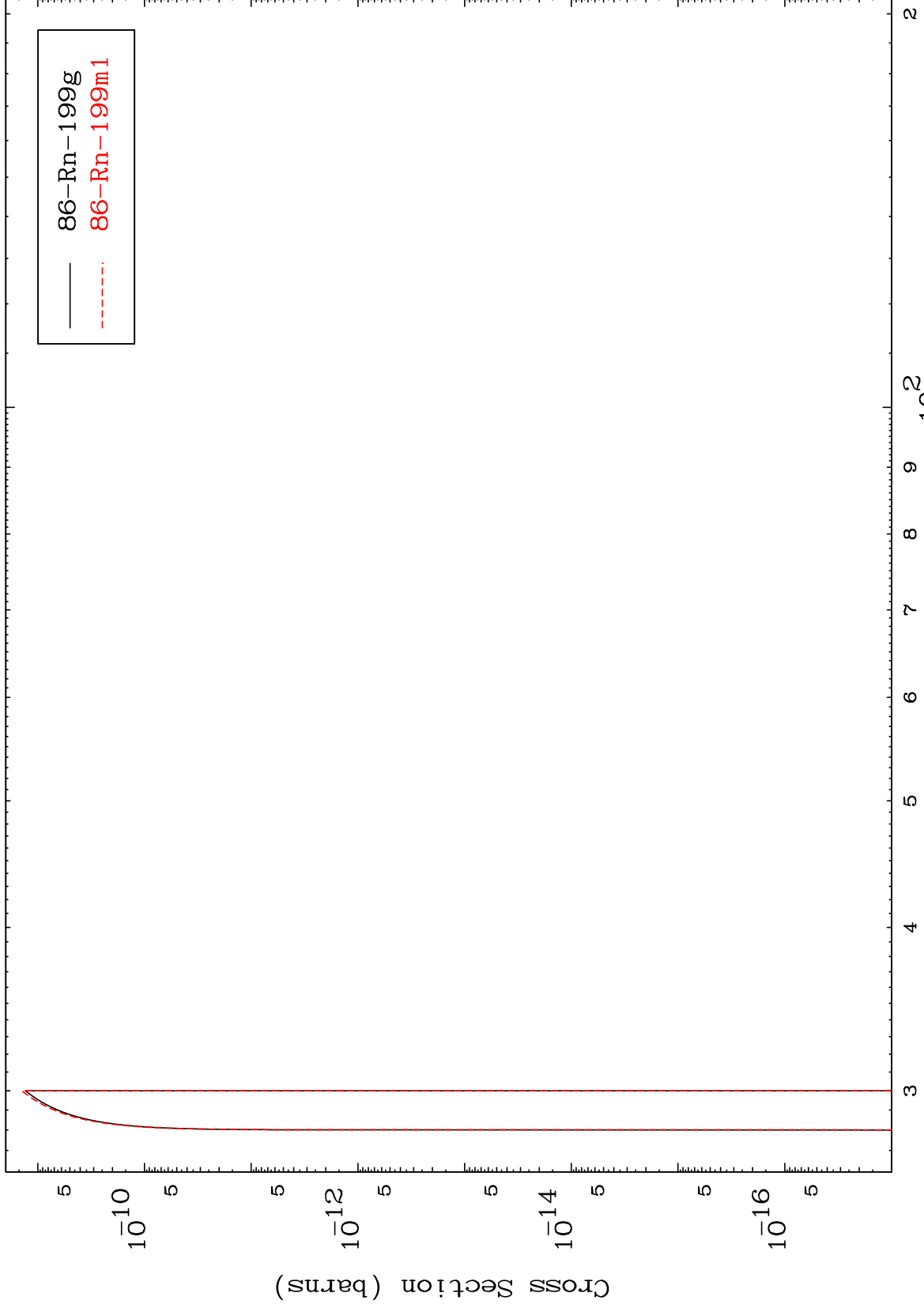
83-Bi-192g
83-Bi-192m1

MAT 8510

($\alpha, 2n$) p

85-At-198

Radionuclide Production Cross Section



15

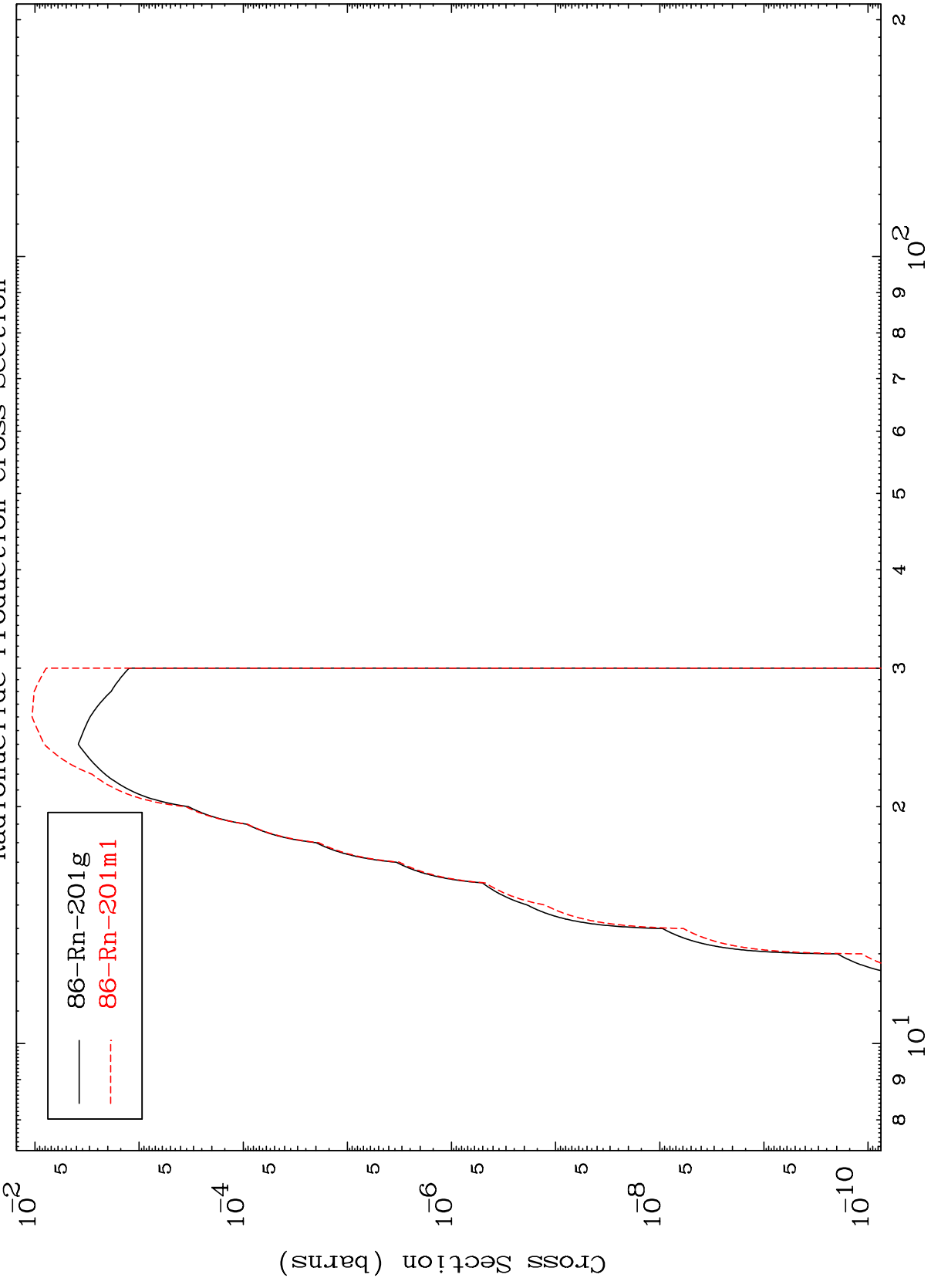
Incident Energy (MeV)

85-At-198

MAT 8510

85-At-198

Radionuclide Production Cross Section



16

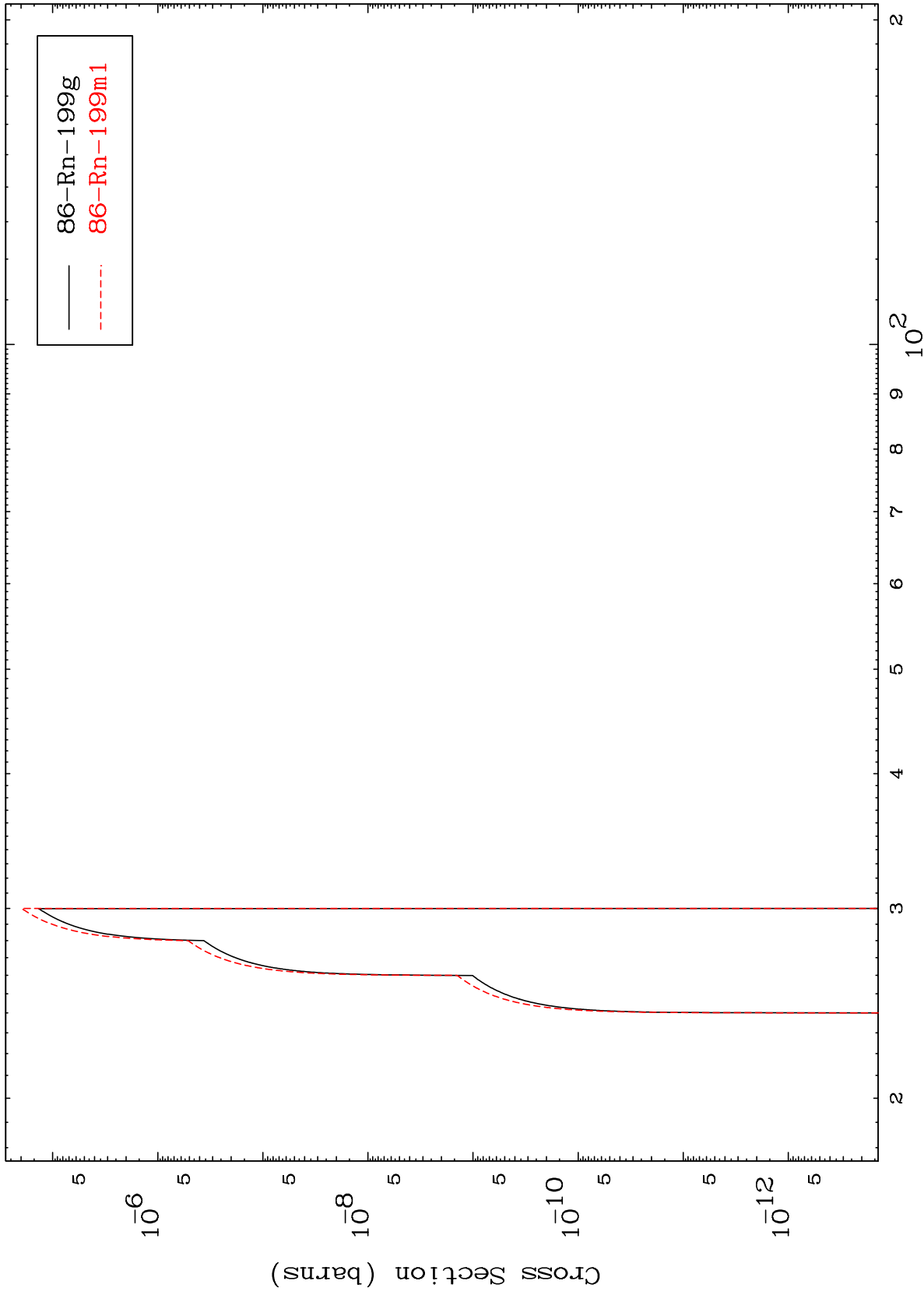
Incident Energy (MeV)

85-At-198

MAT 8510

85-At-198

(α, t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

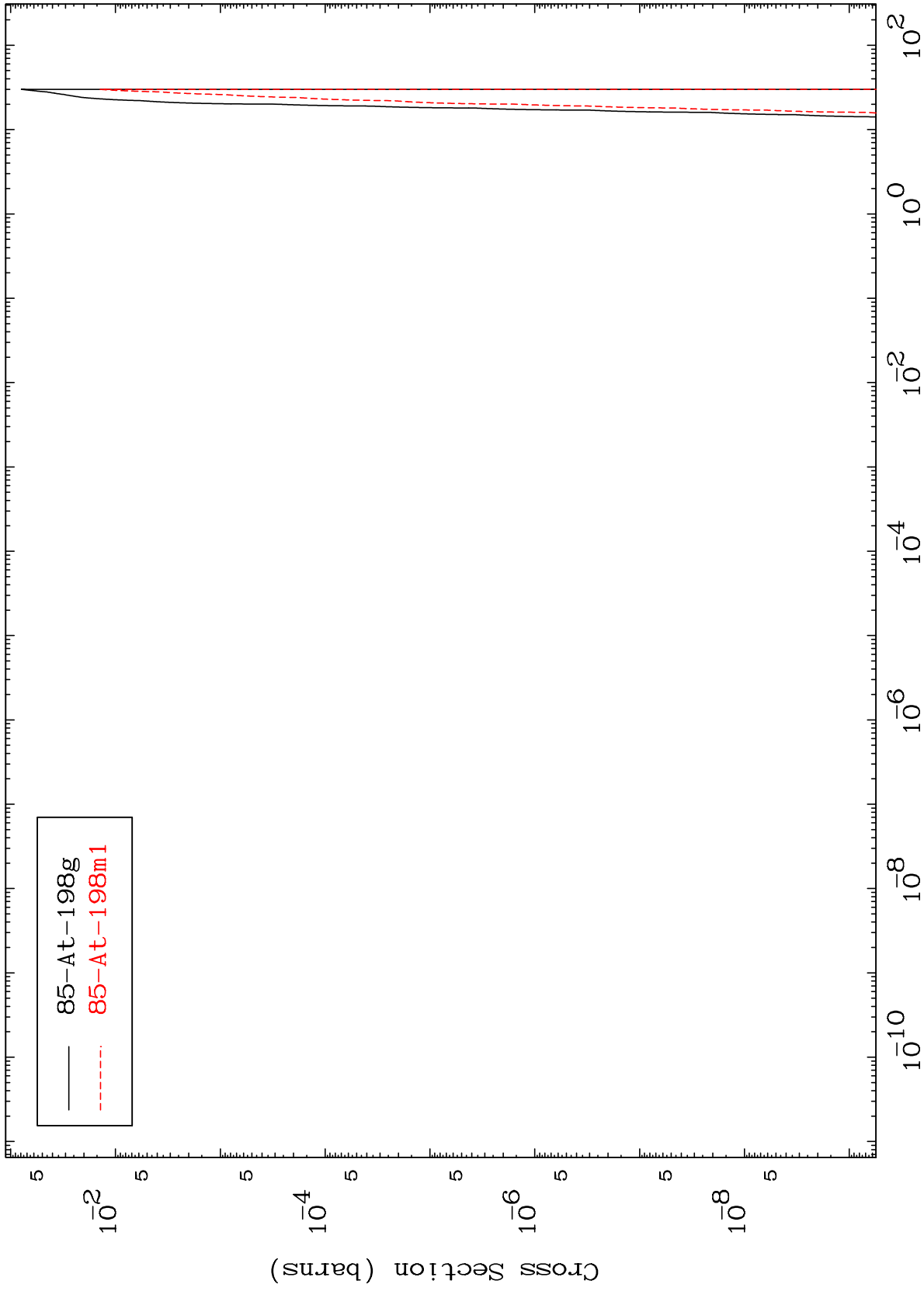
85-At-198

MAT 8510

(α, α)

85-At-198

Radionuclide Production Cross Section



18

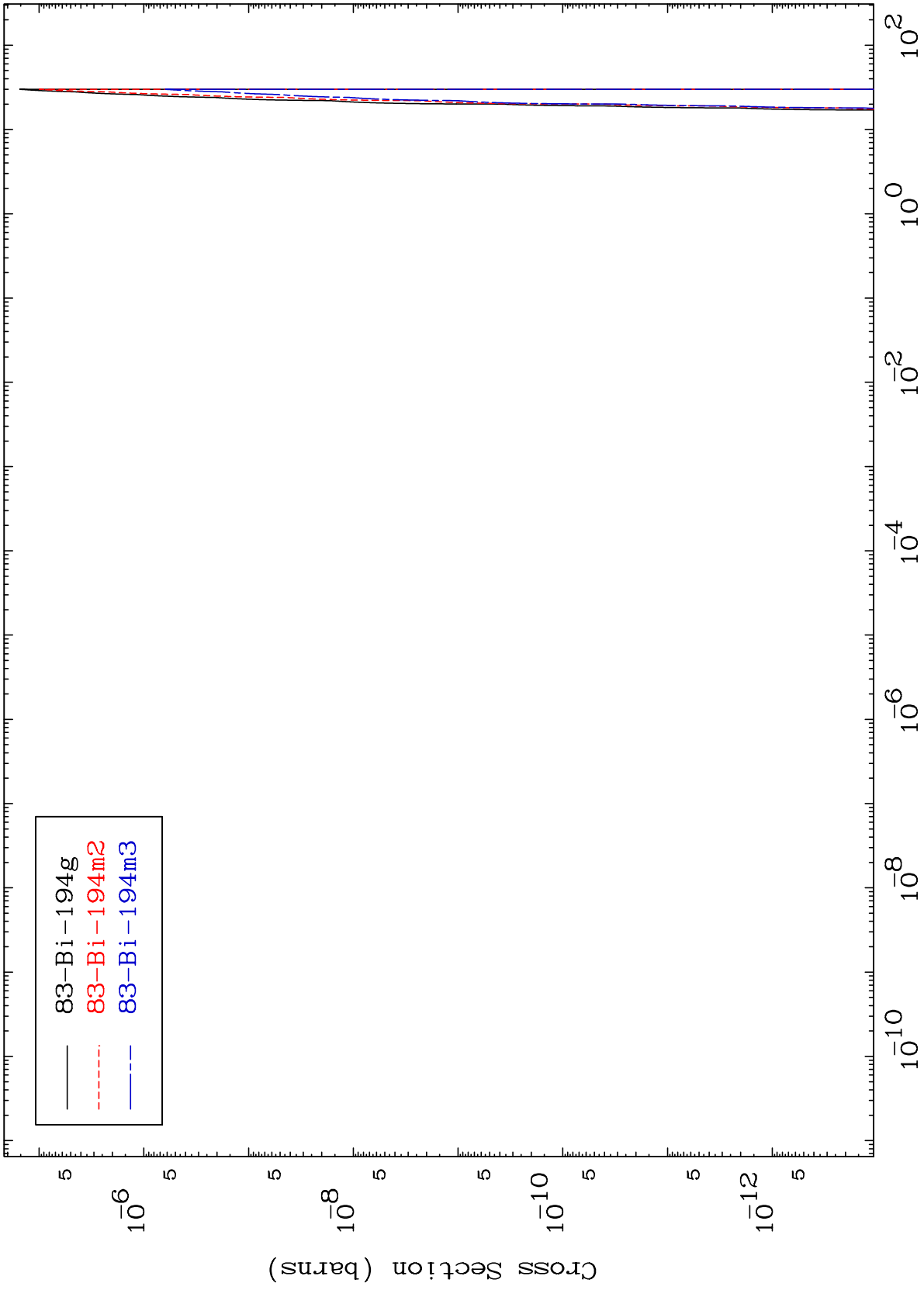
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198



19

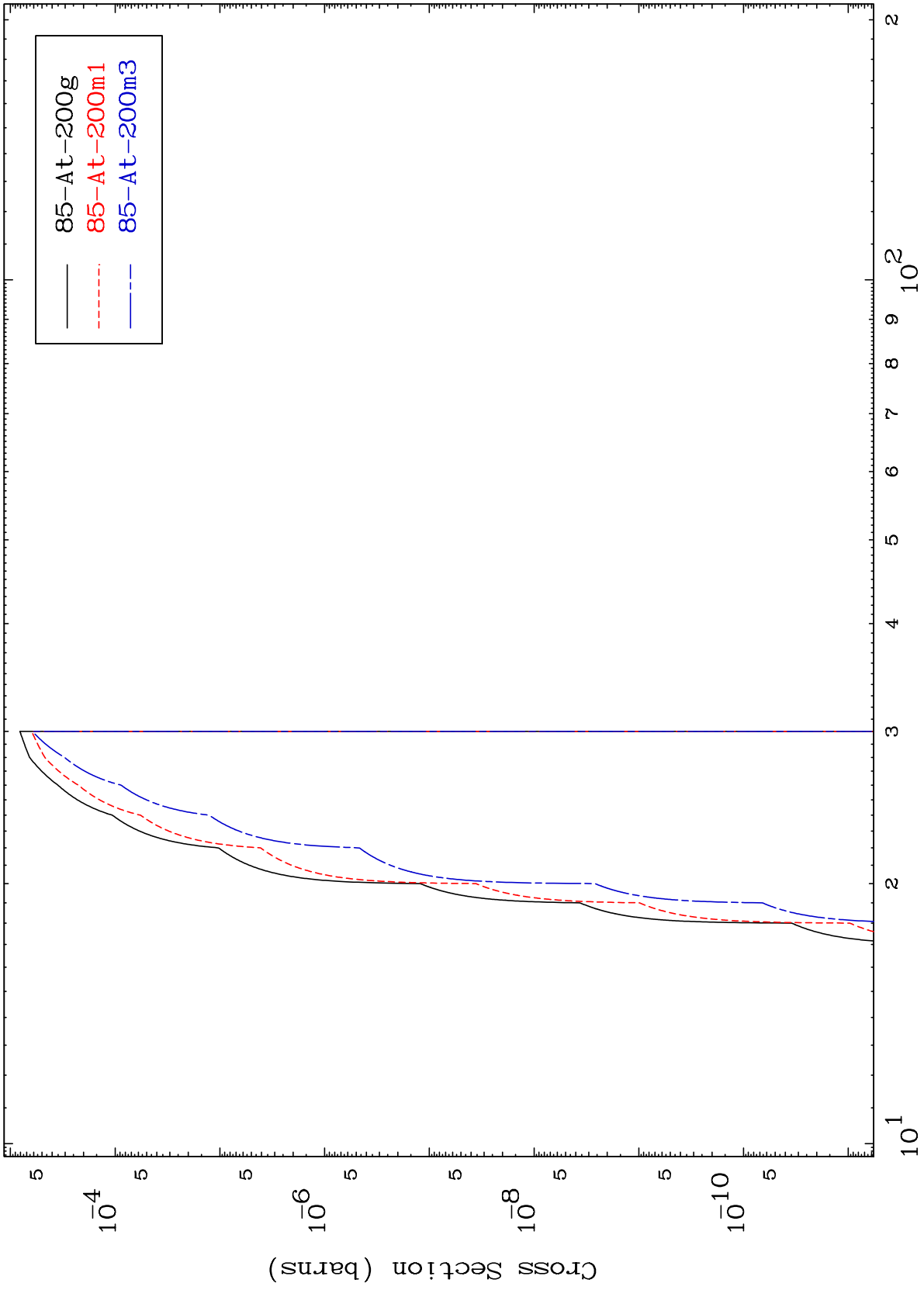
Incident Energy (MeV)

85-At-198

MAT 8510

85-At-198

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



Incident Energy (MeV)

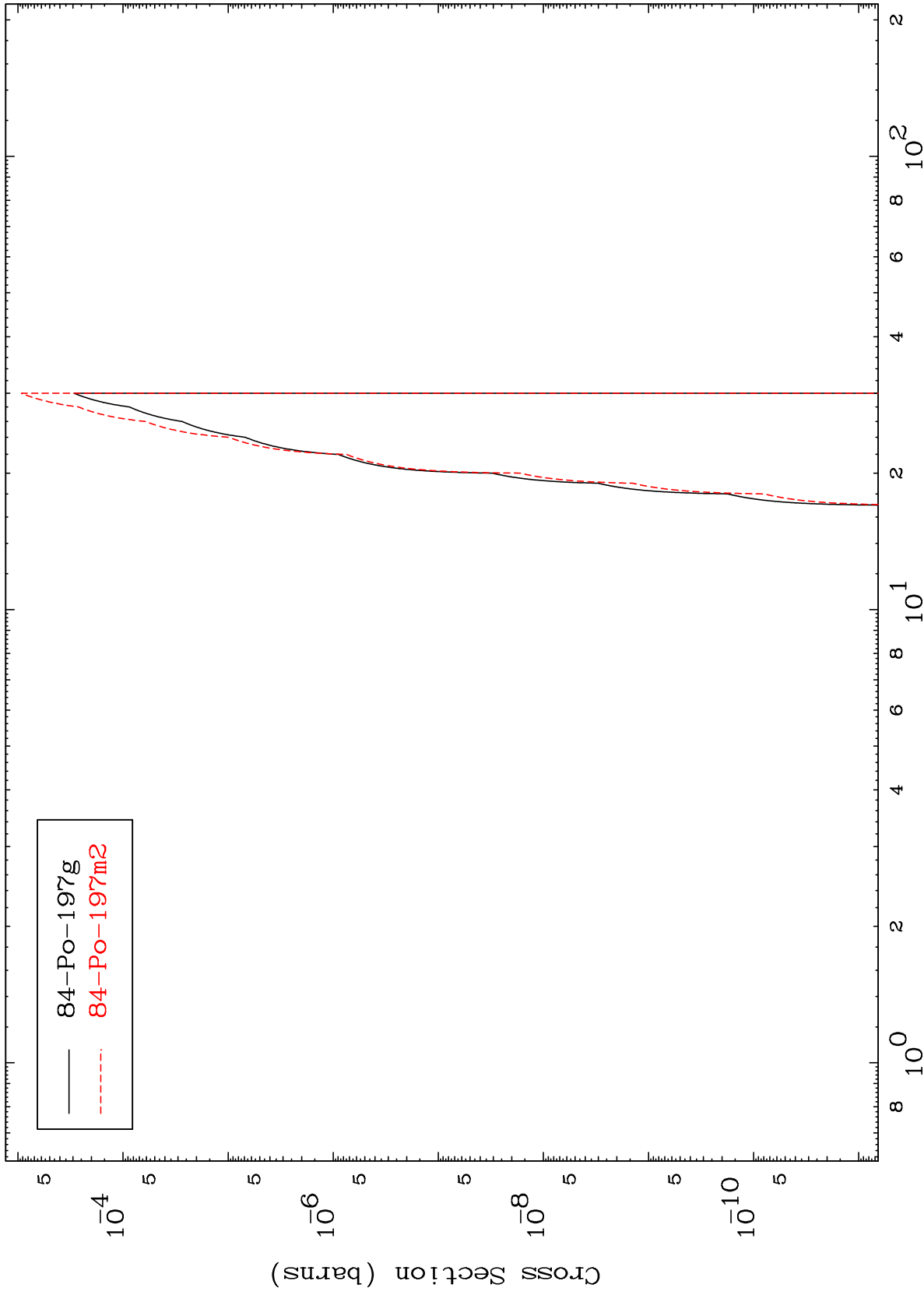
85-At-198

MAT 8510

(α, p) α

85-At-198

Radionuclide Production Cross Section



21

Incident Energy (MeV)

85-At-198