

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

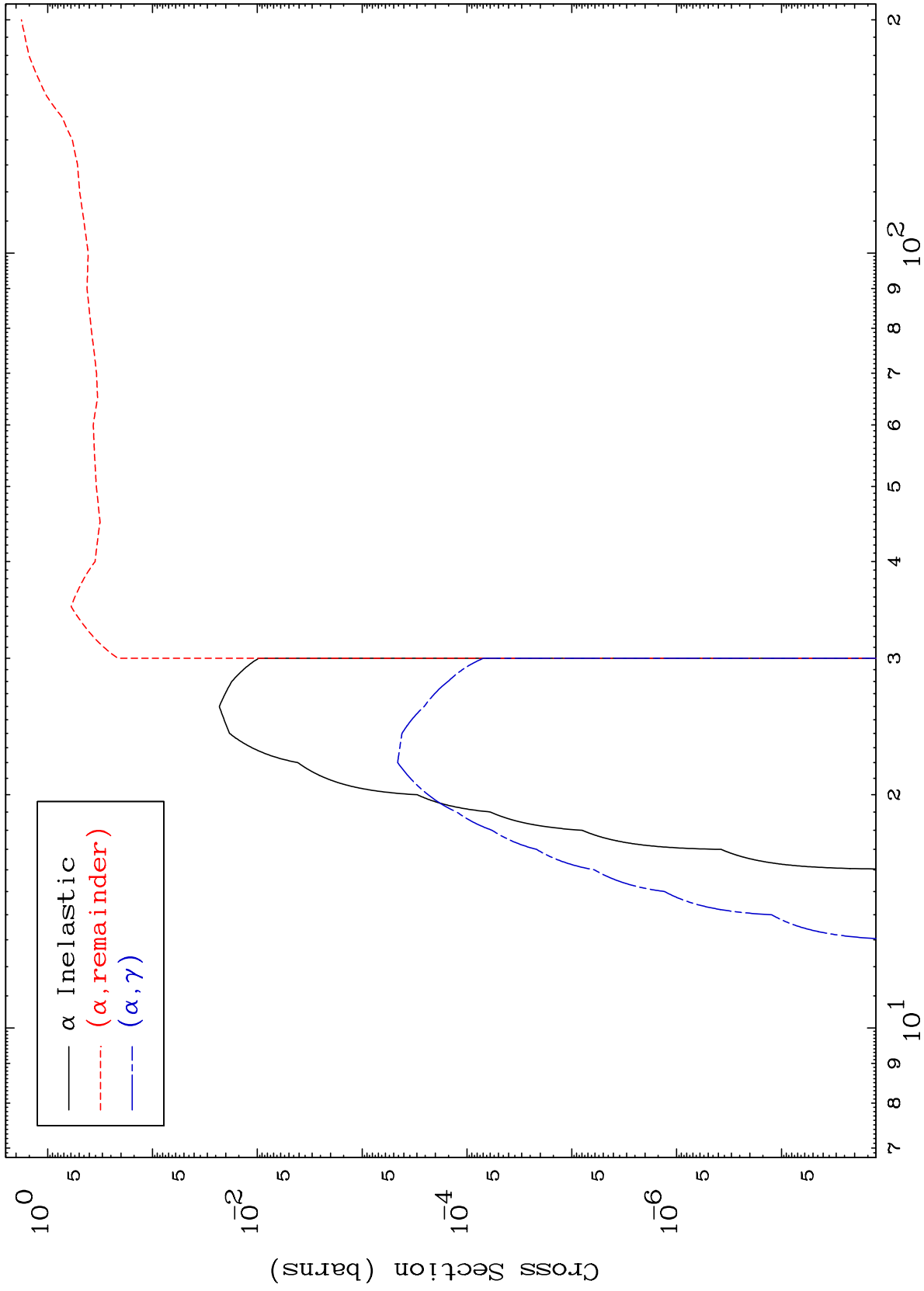
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

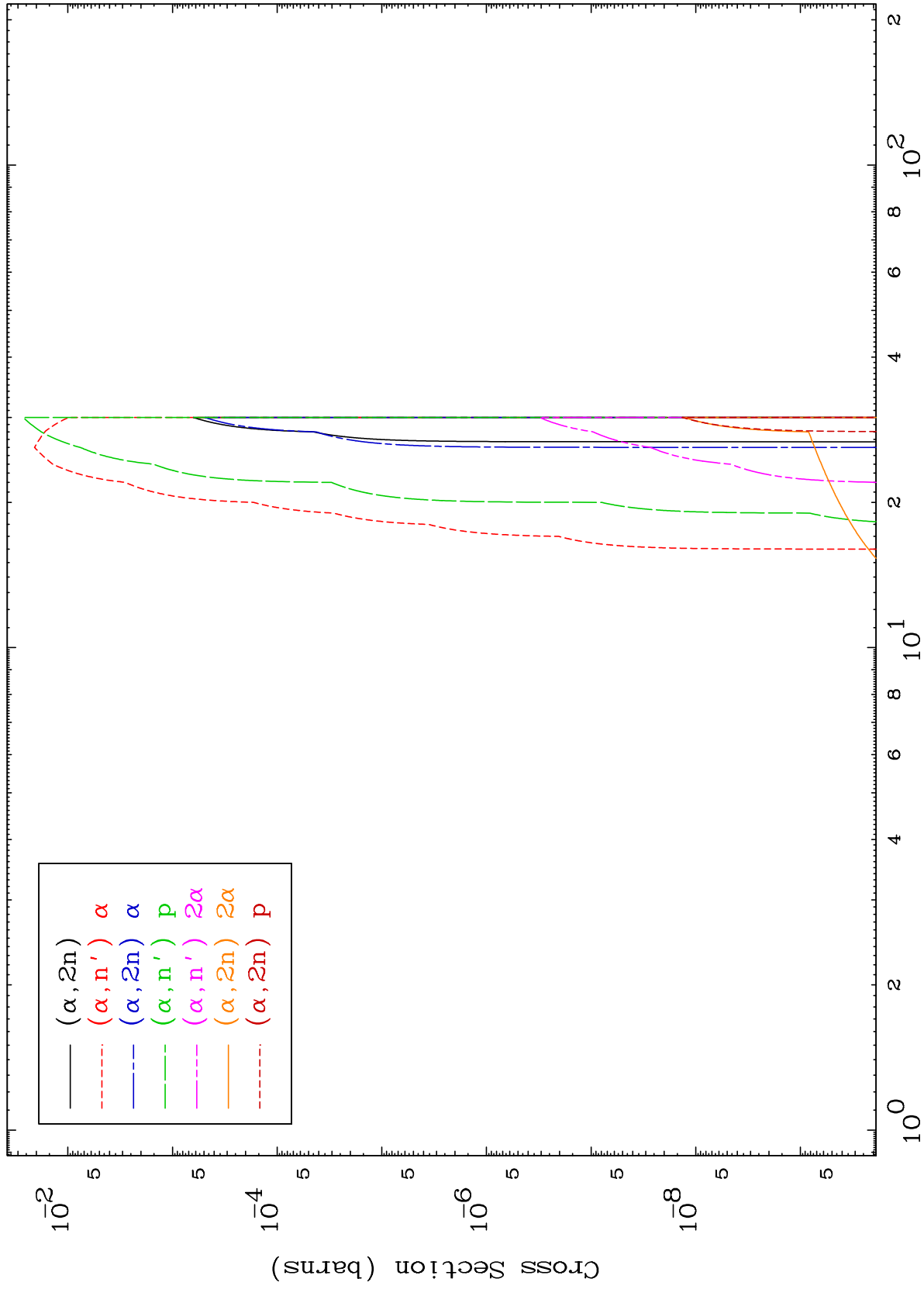
U.S.A.

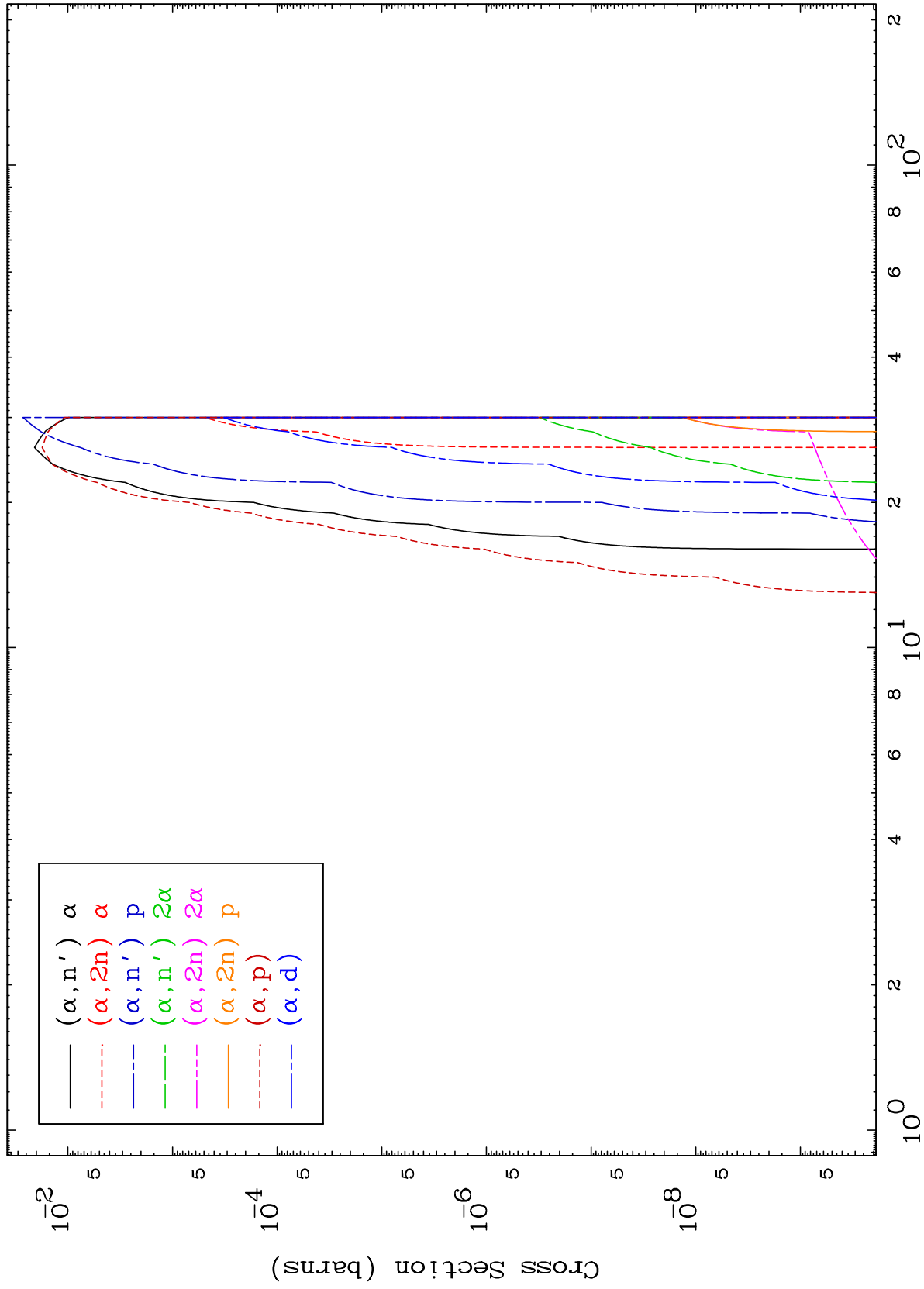
Tele: 925-443-1911

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

Press Mouse Button to Start



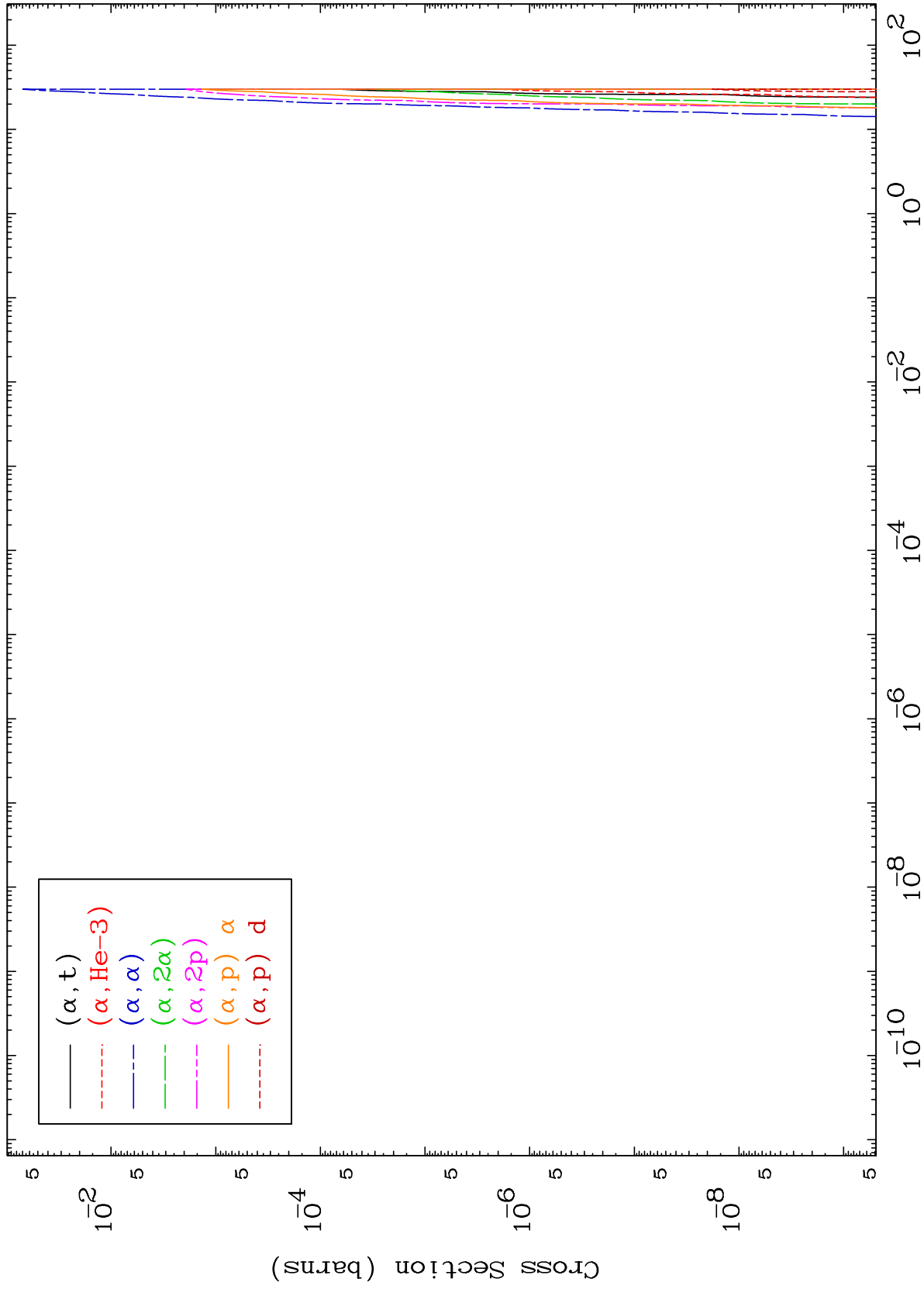


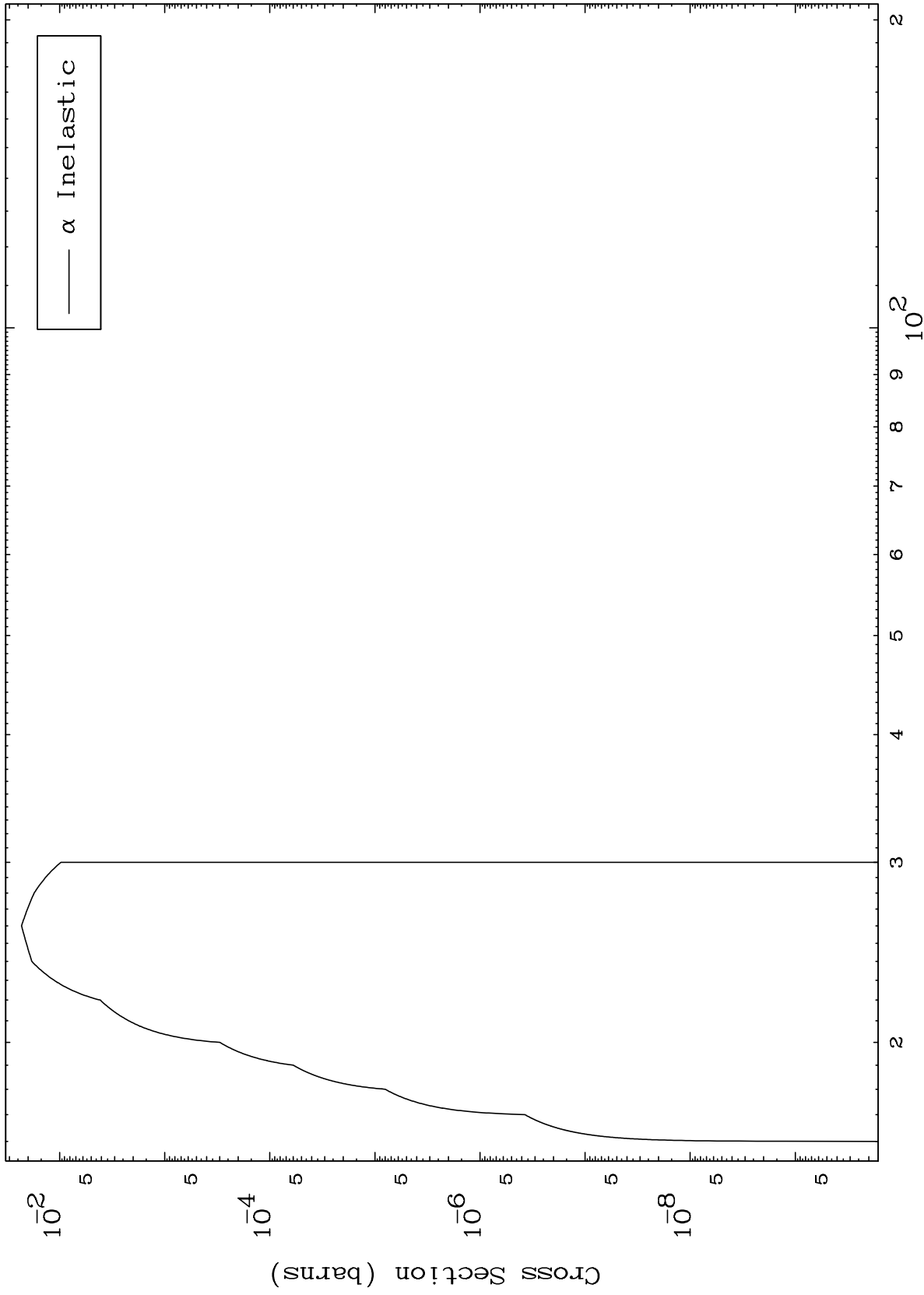


MAT 8511

α Charged Particle
0 Kelvin Cross Sections

85-At-198

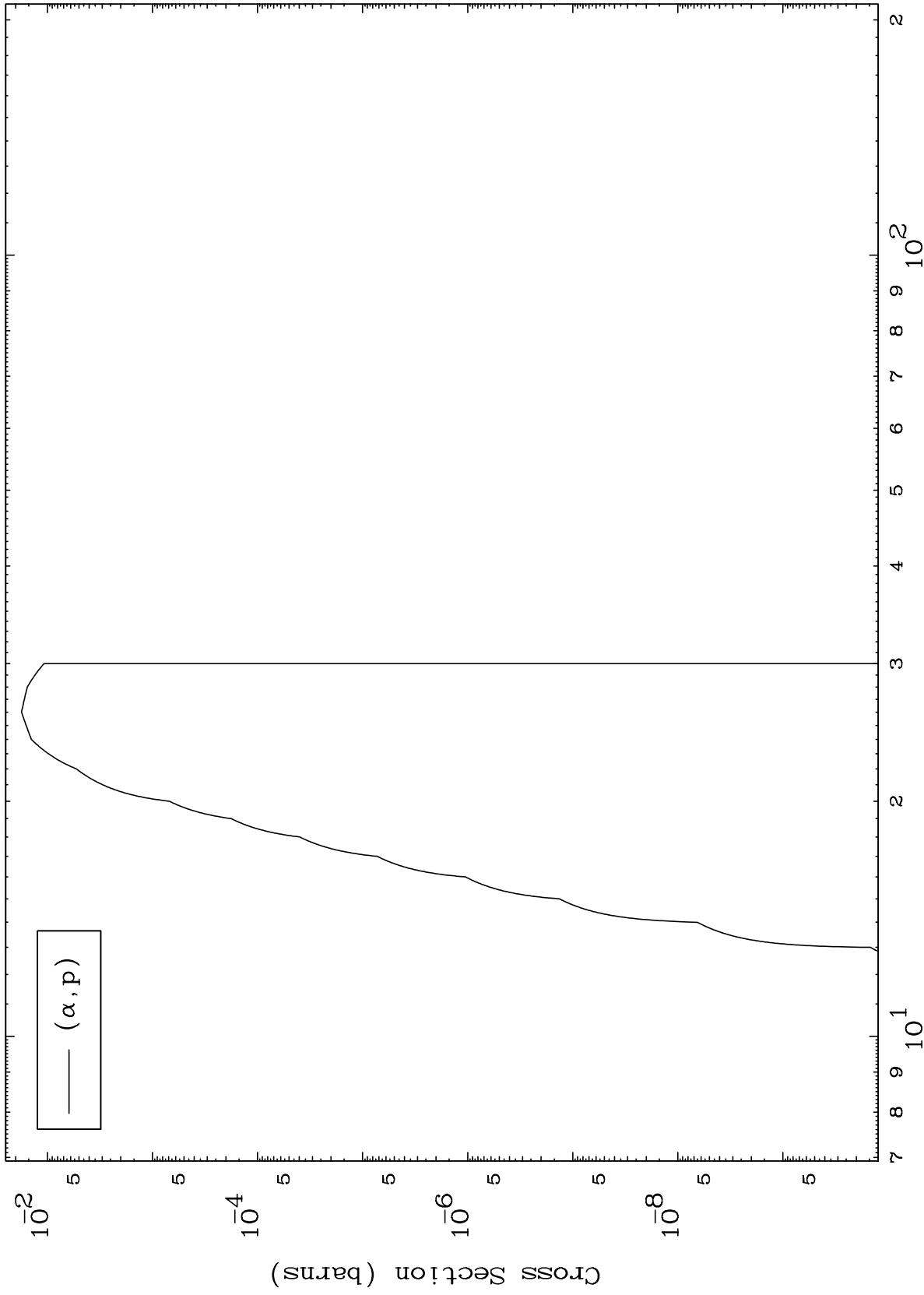




MAT 8511

85-At-198

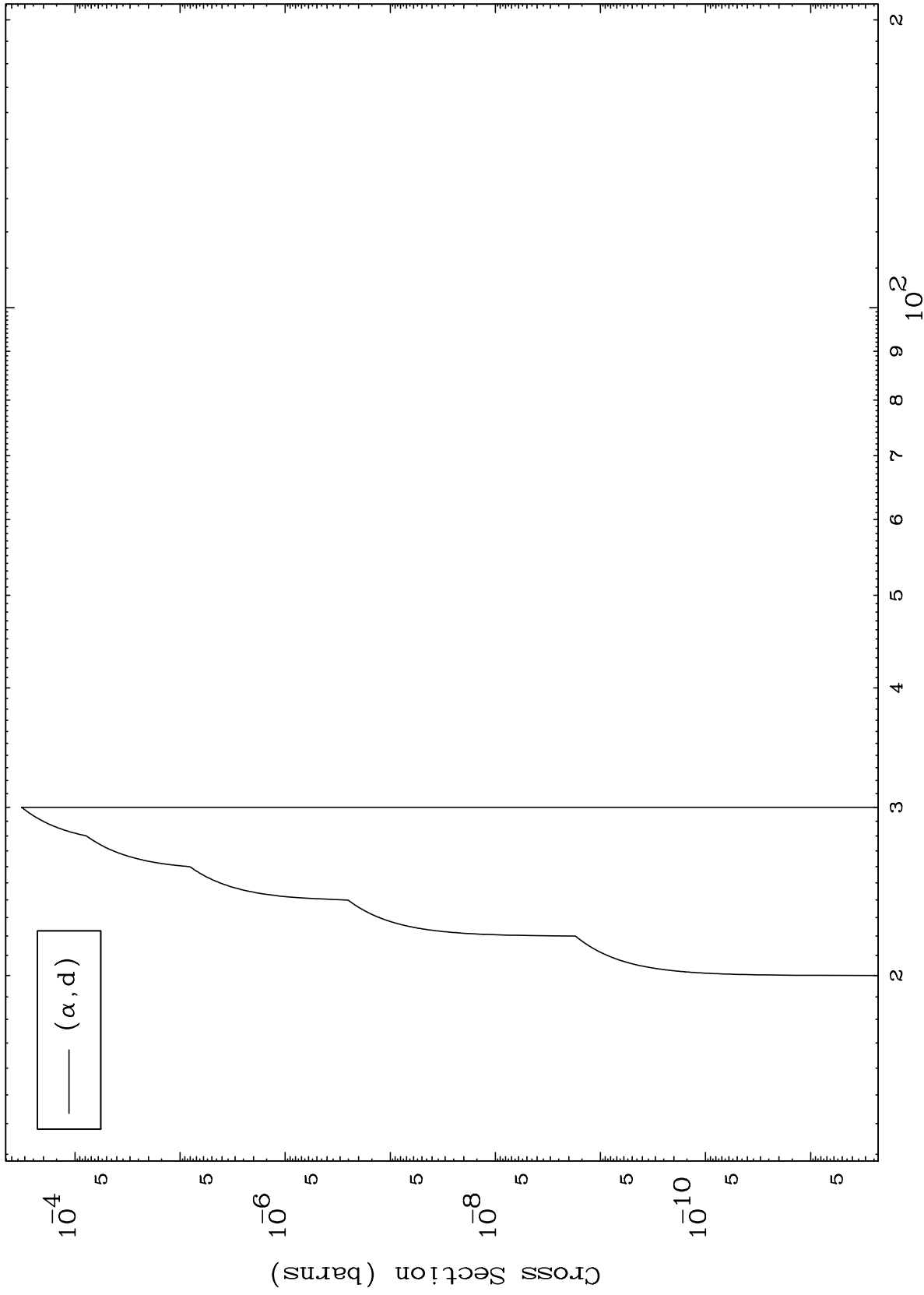
(α, p) Levels
0 Kelvin Cross Sections



6

Incident Energy (MeV)

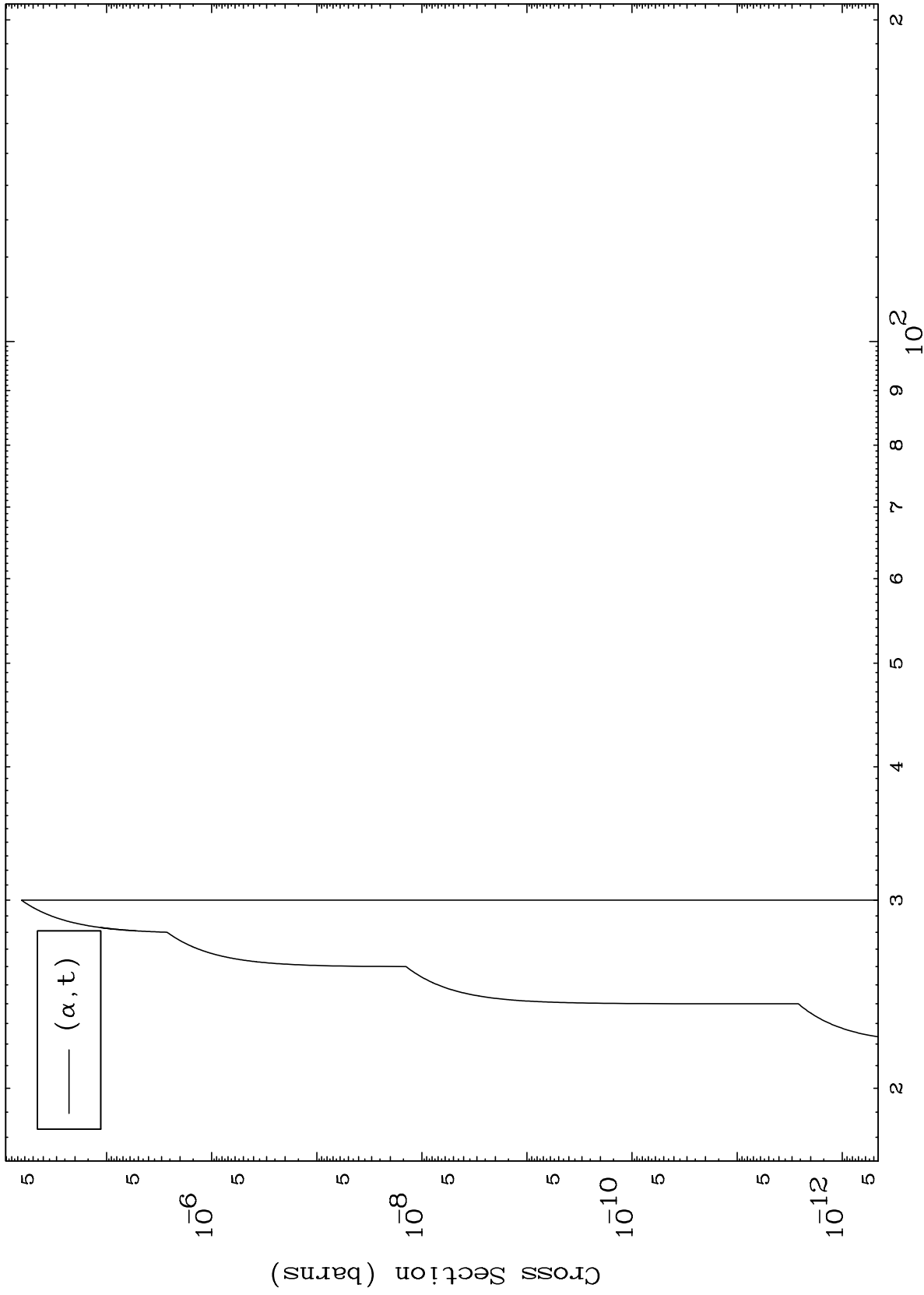
85-At-198



MAT 8511

(α, t) Levels
0 Kelvin Cross Sections

85-At-198



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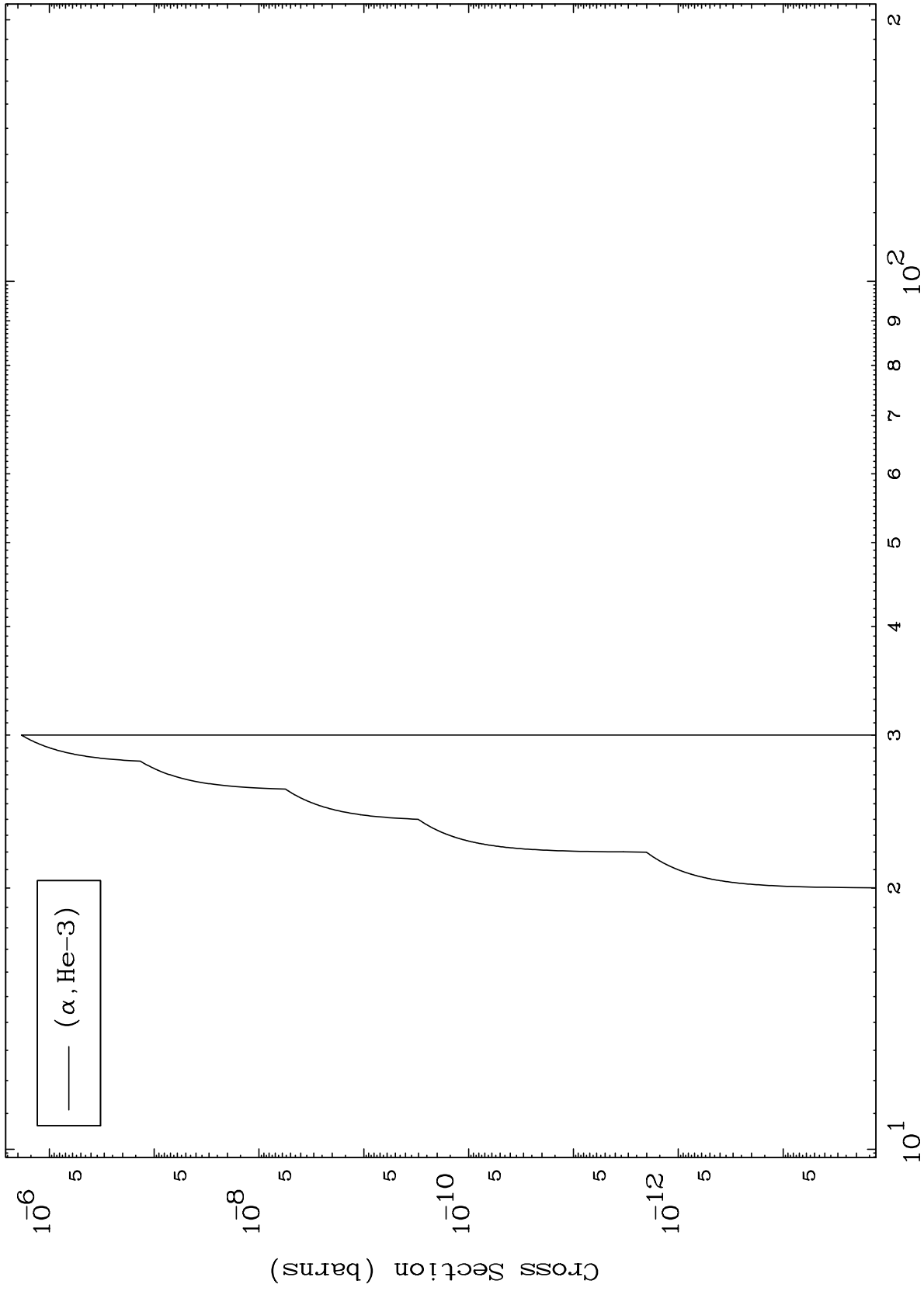
Incident Energy (MeV)

85-At-198

MAT 8511

(α ,He3) Levels
0 Kelvin Cross Sections

85-At-198



9

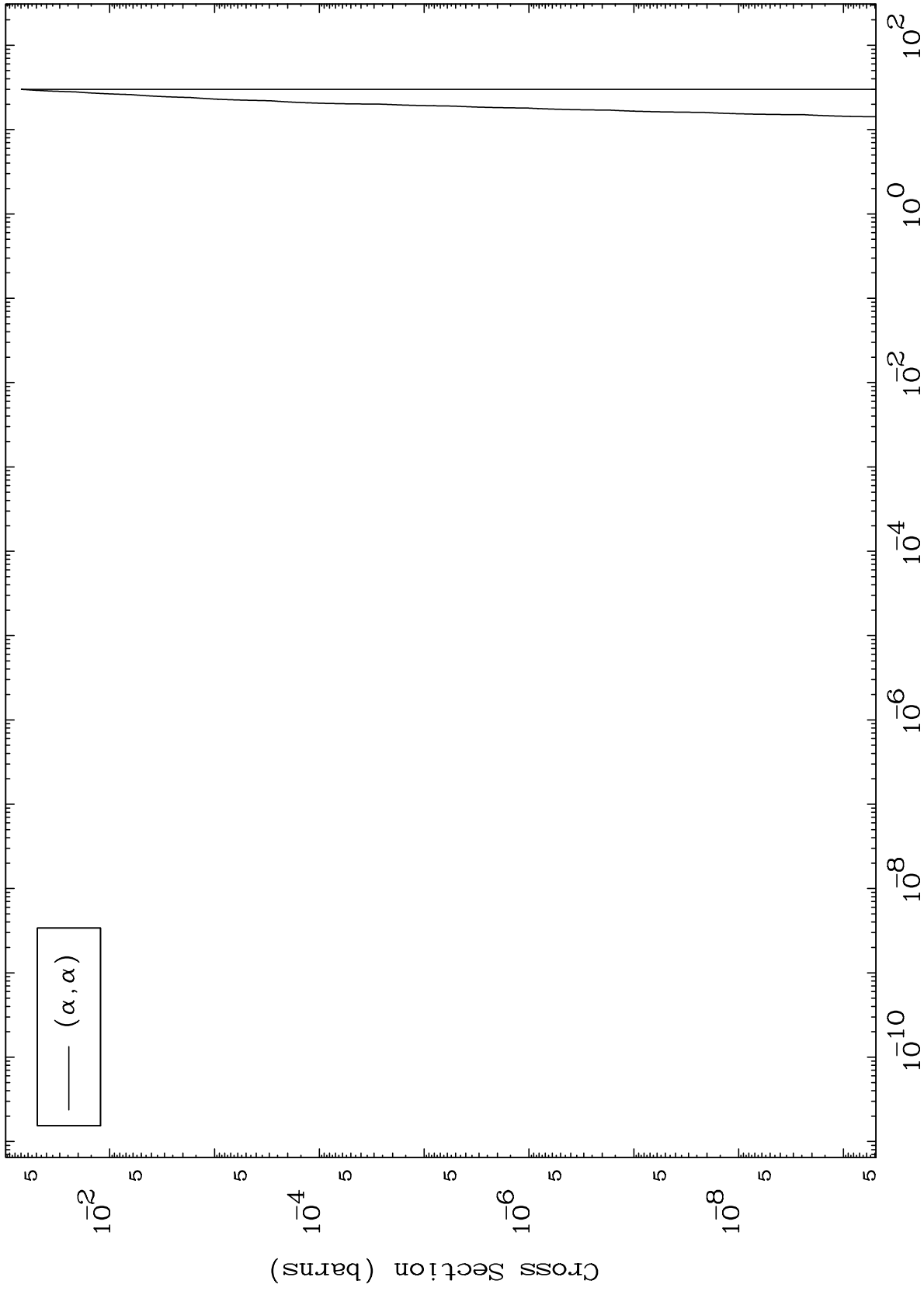
Incident Energy (MeV)

85-At-198

MAT 8511

(α, α) Levels
0 Kelvin Cross Sections

85-At-198



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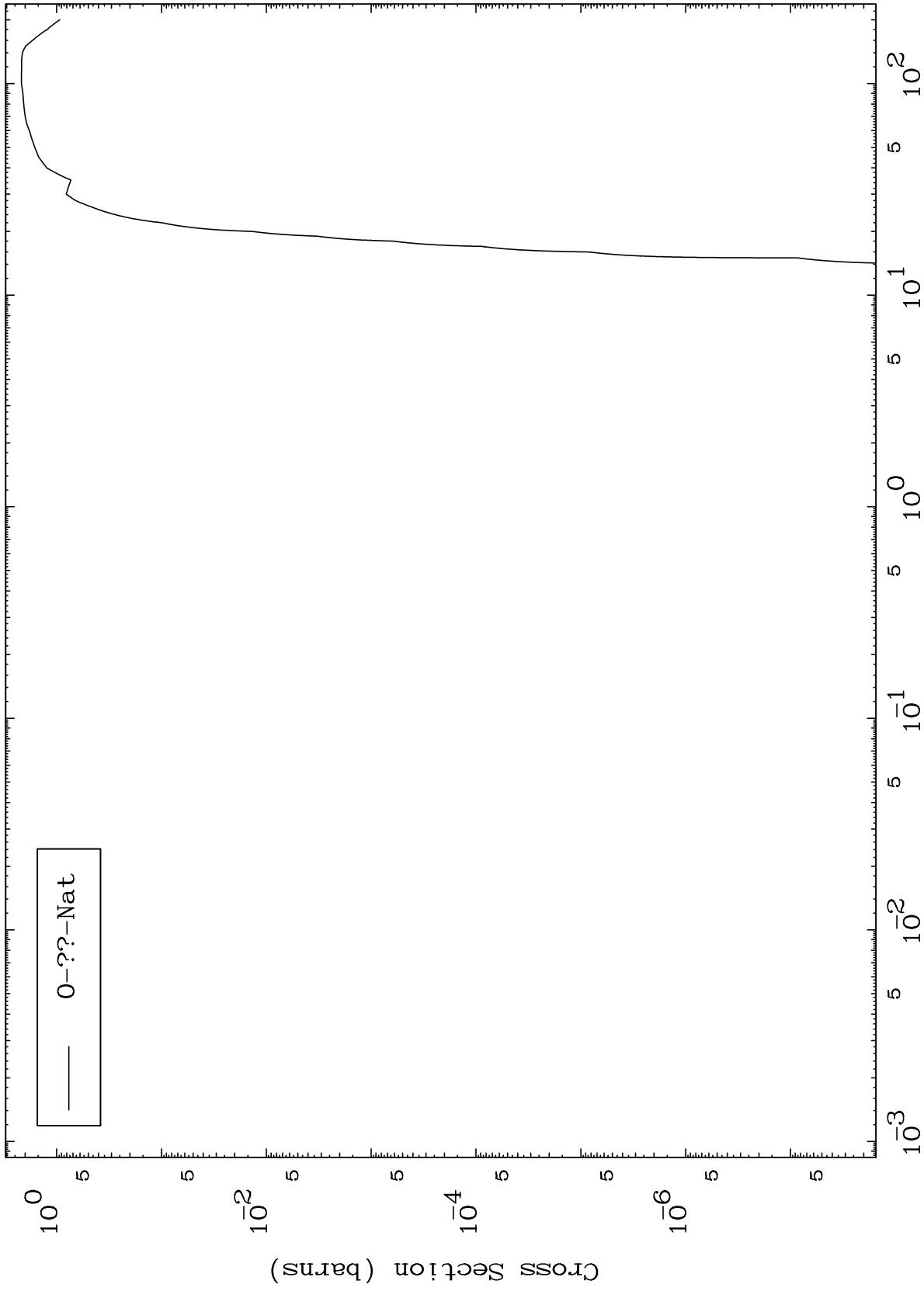
Incident Energy (MeV)

85-At-198

MAT 8511

85-At-198

α Fission
Radionuclide Production Cross Section



11

Incident Energy (MeV)

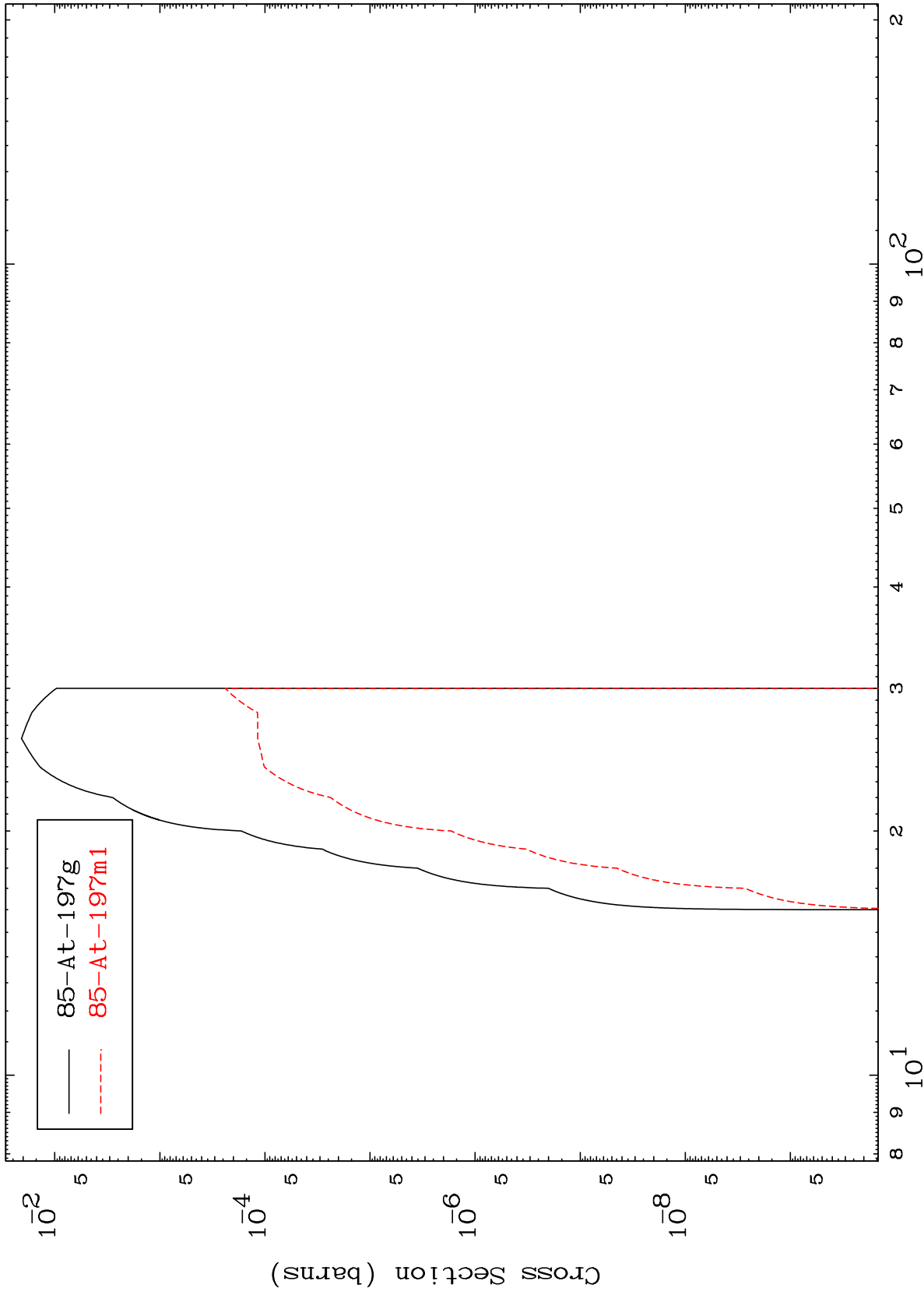
85-At-198

MAT 8511

(α, n') α

85-At-198

Radionuclide Production Cross Section



12

Incident Energy (MeV)

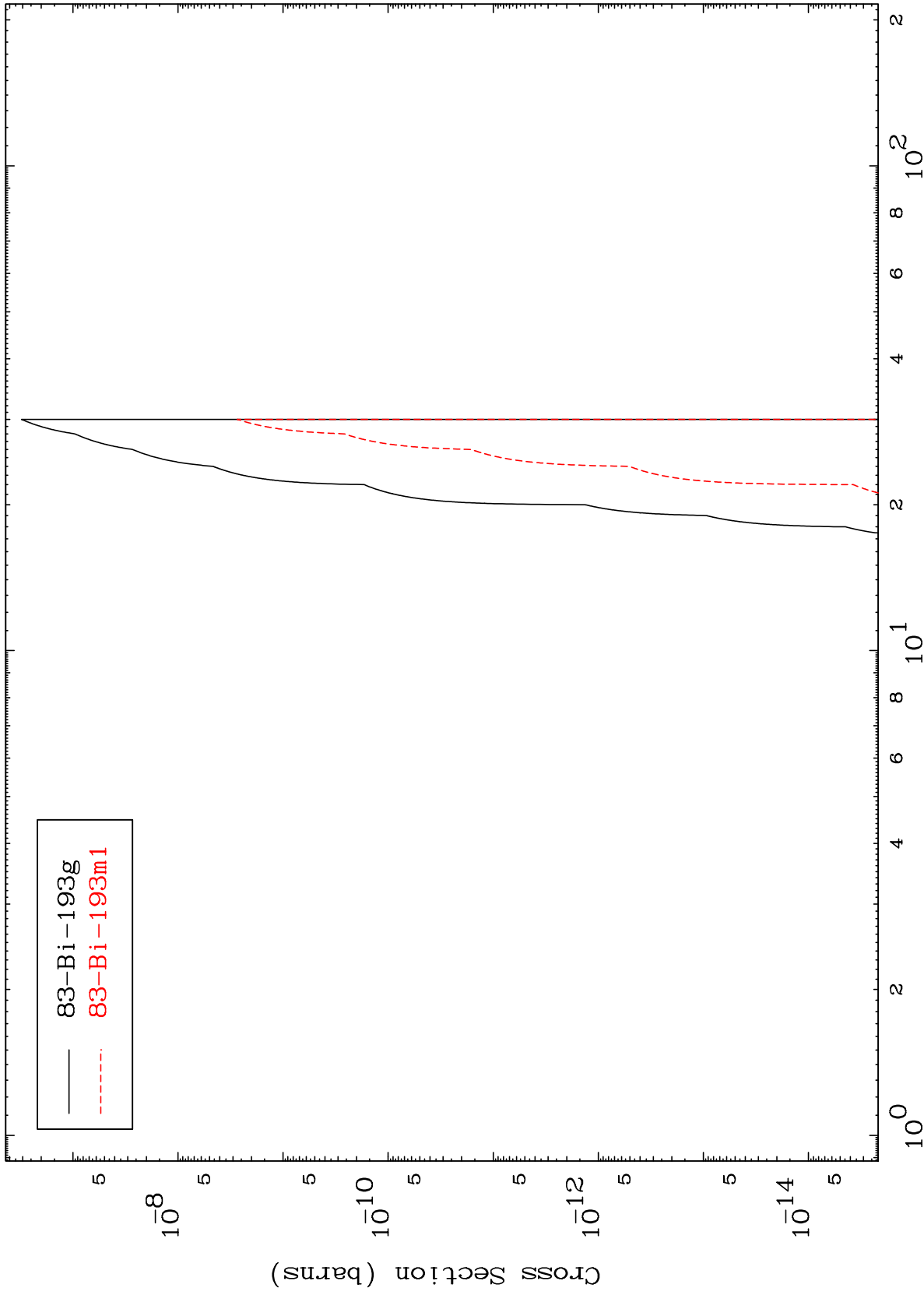
85-At-198

MAT 8511

(α, n') 2α

85-At-198

Radionuclide Production Cross Section



13

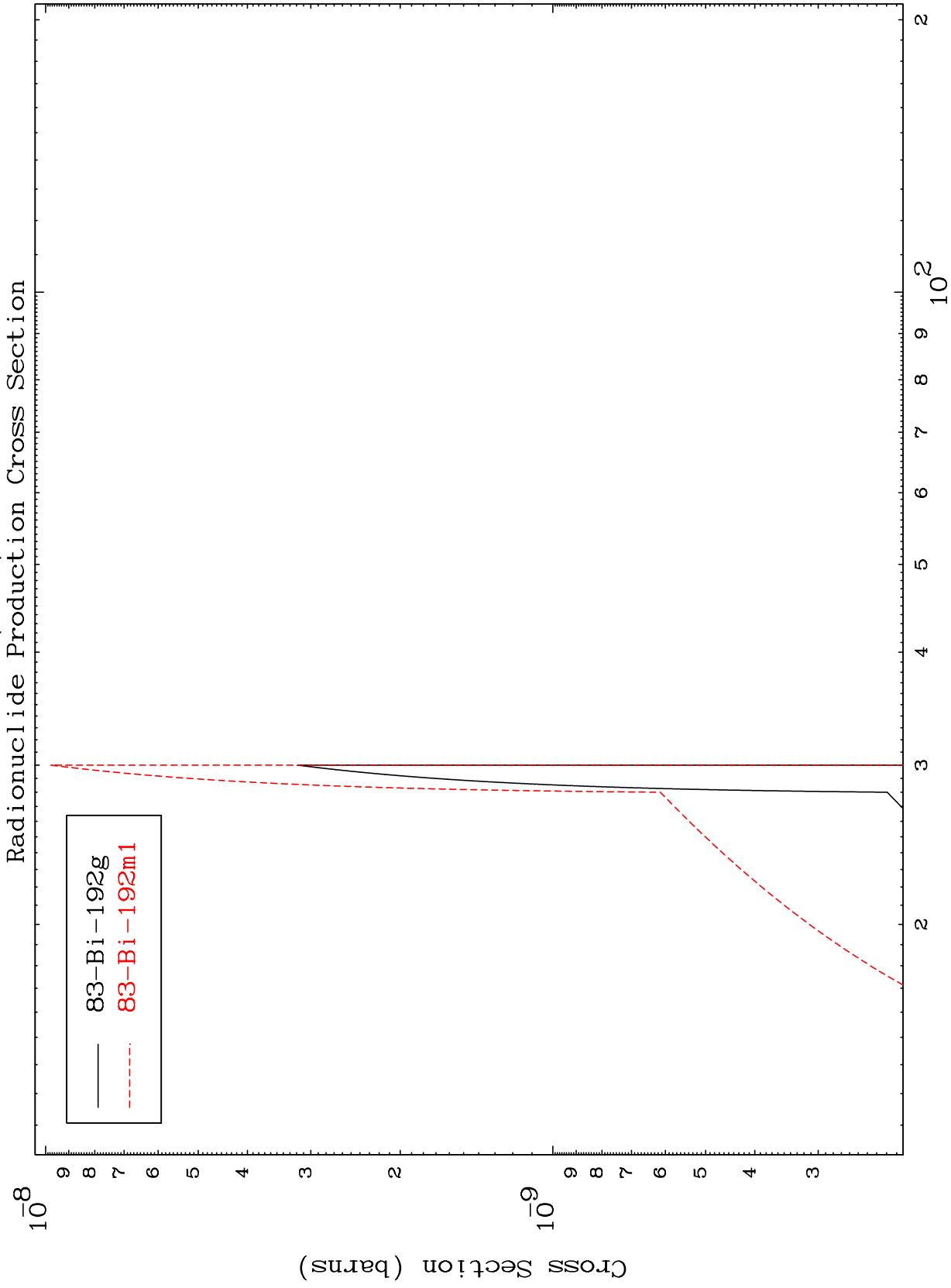
Incident Energy (MeV)

85-At-198

MAT 8511

($\alpha, 2n$) 2α

85-At-198



14

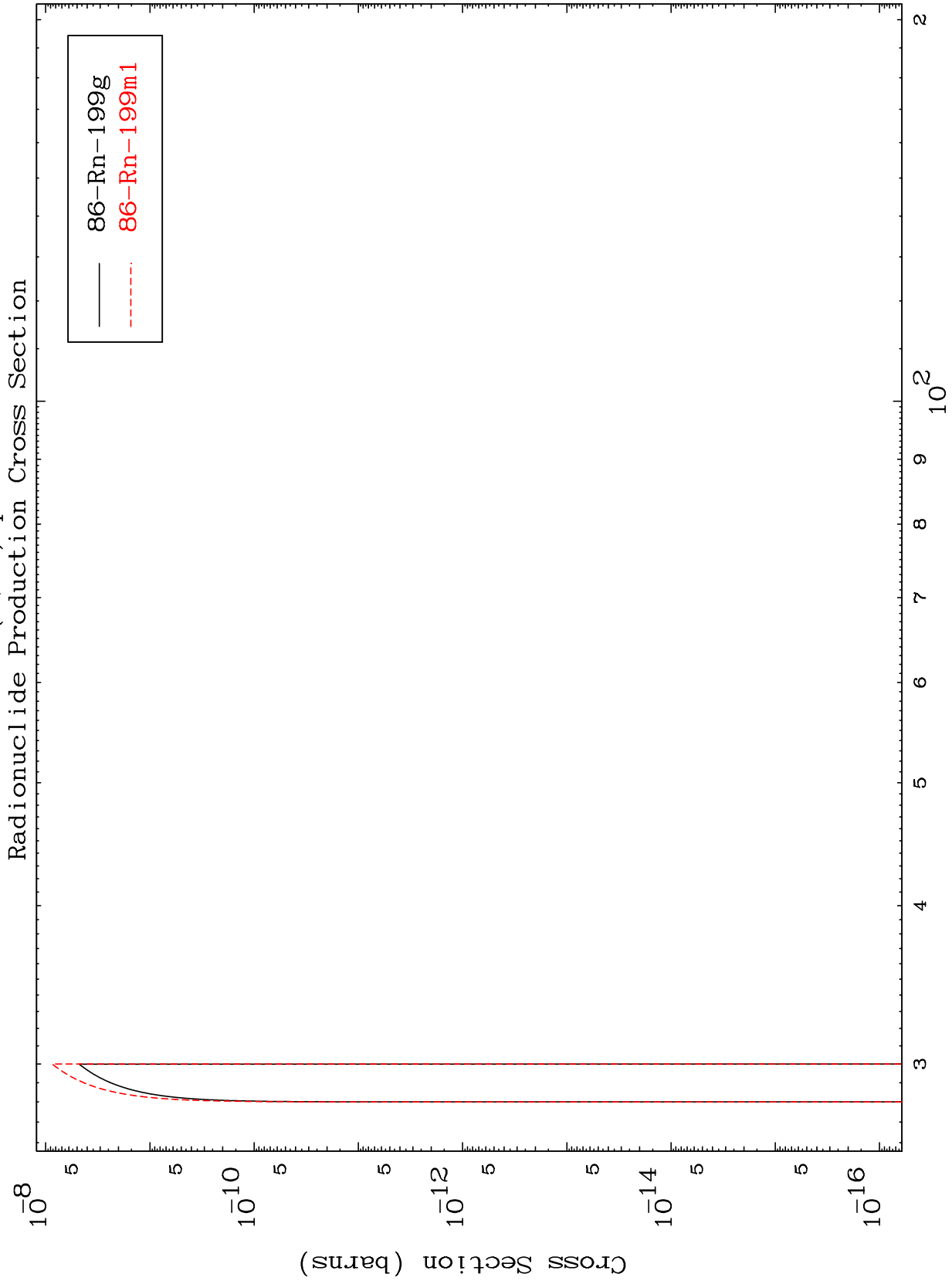
Incident Energy (MeV)

85-At-198

MAT 8511

($\alpha, 2n$) p

85-At-198



15

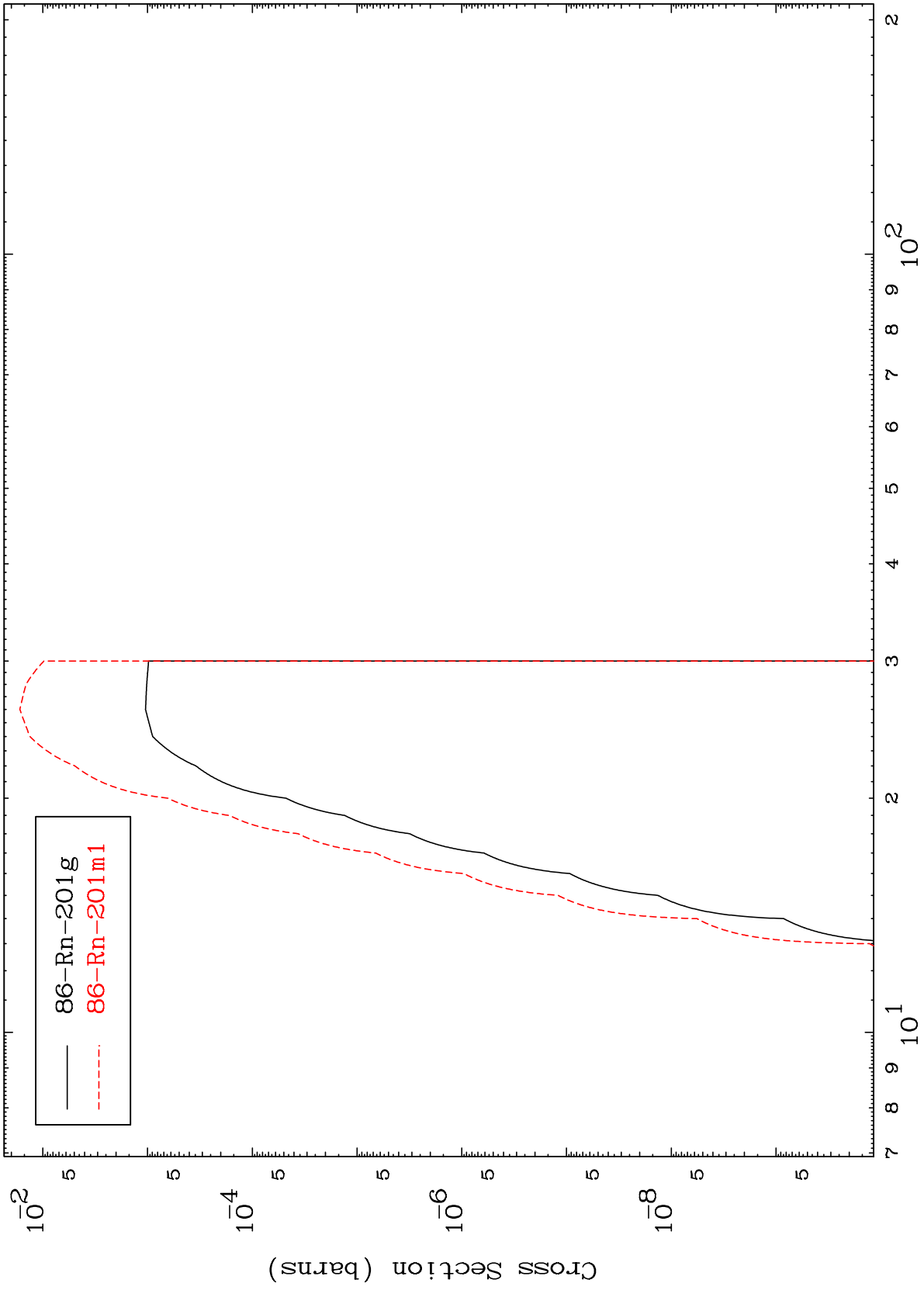
Incident Energy (MeV)

85-At-198

MAT 8511

85-At-198

(α, p)
Radionuclide Production Cross Section



16

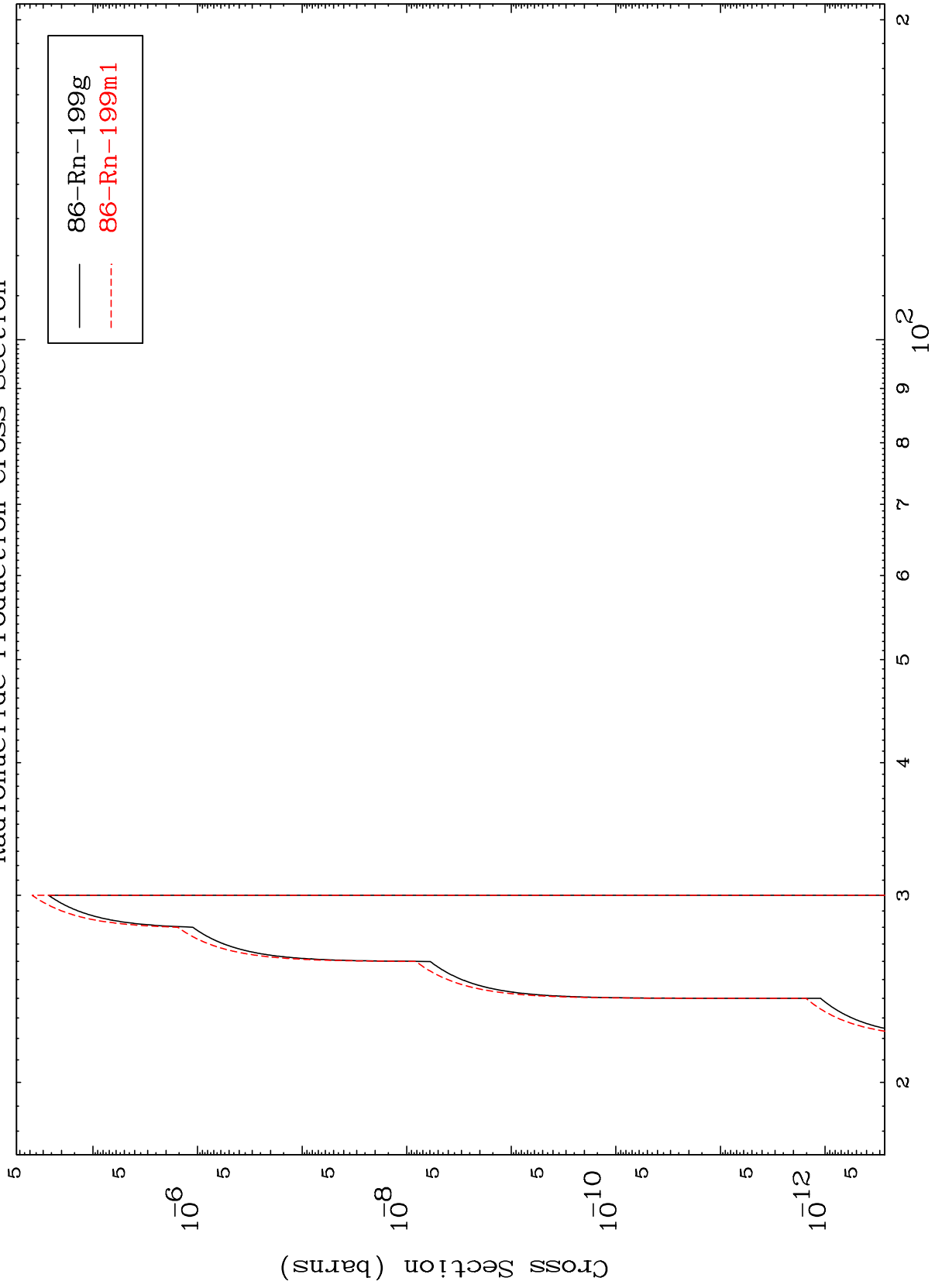
Incident Energy (MeV)

85-At-198

MAT 8511

85-At-198

(α, t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

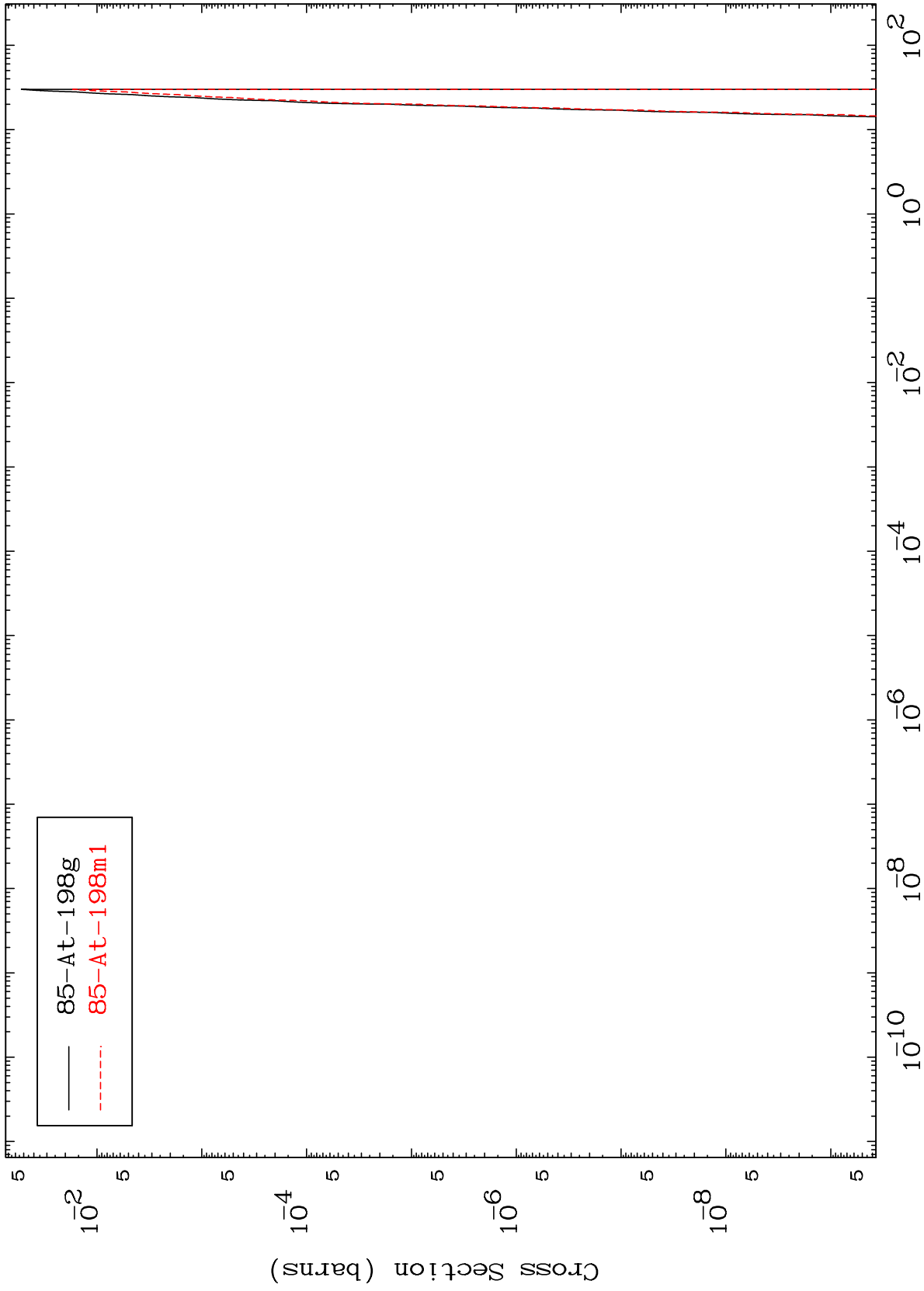
85-At-198

MAT 8511

(α, α)

85-At-198

Radionuclide Production Cross Section



18

Incident Energy (MeV)

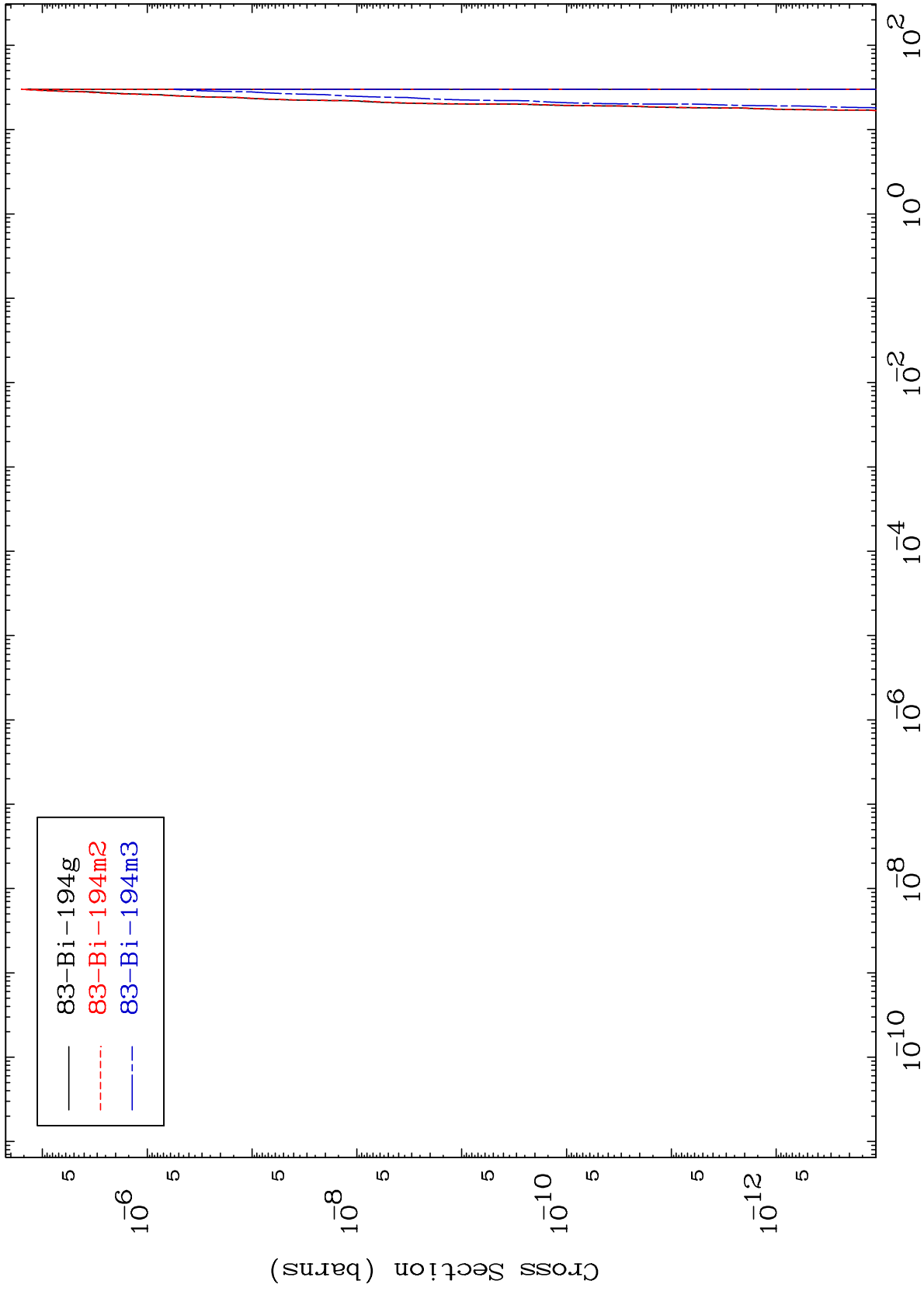
85-At-198

MAT 8511

($\alpha, 2\alpha$)

85-At-198

Radionuclide Production Cross Section



19

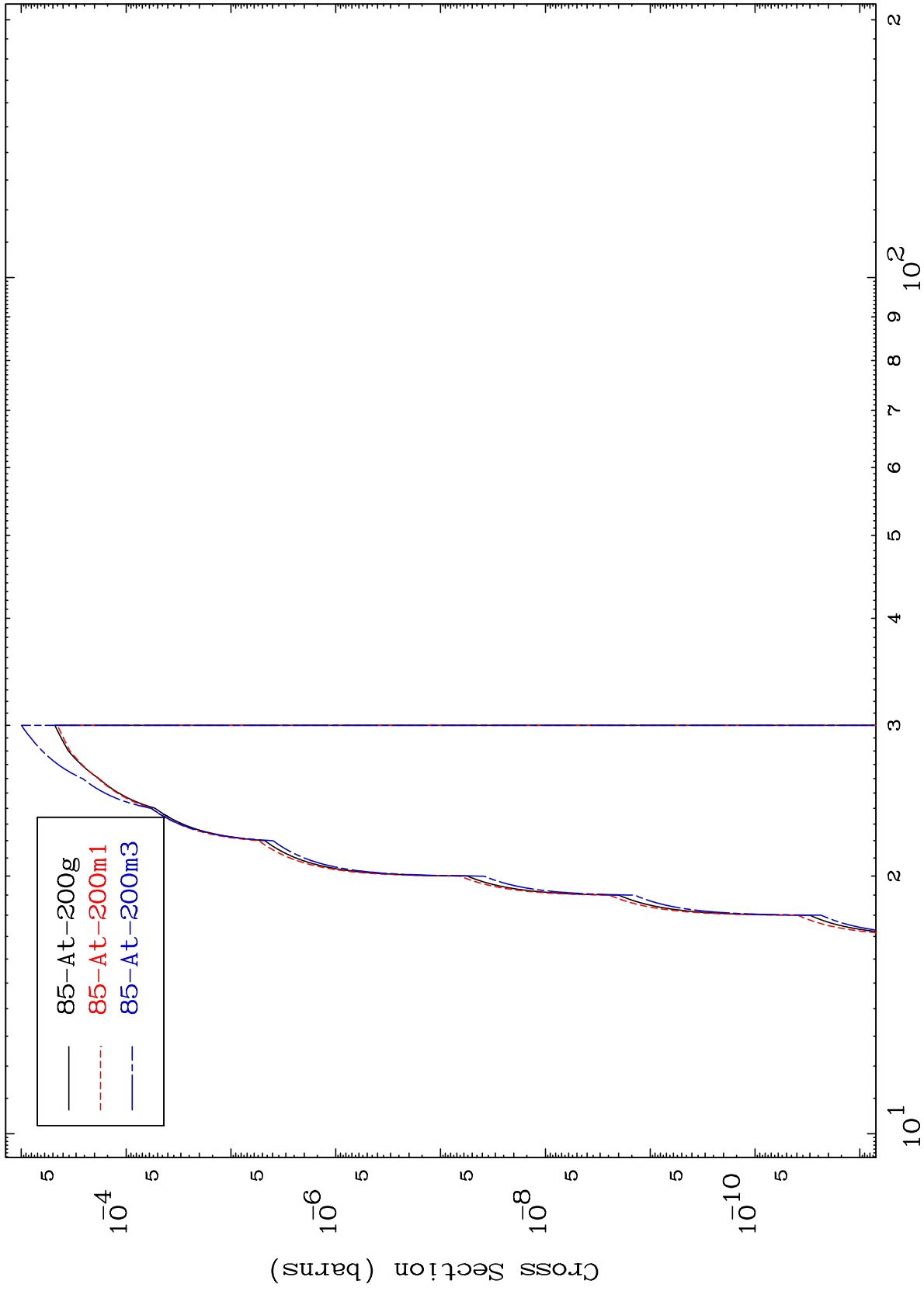
Incident Energy (MeV)

85-At-198

MAT 8511

85-At-198

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



85-At-198

Incident Energy (MeV)

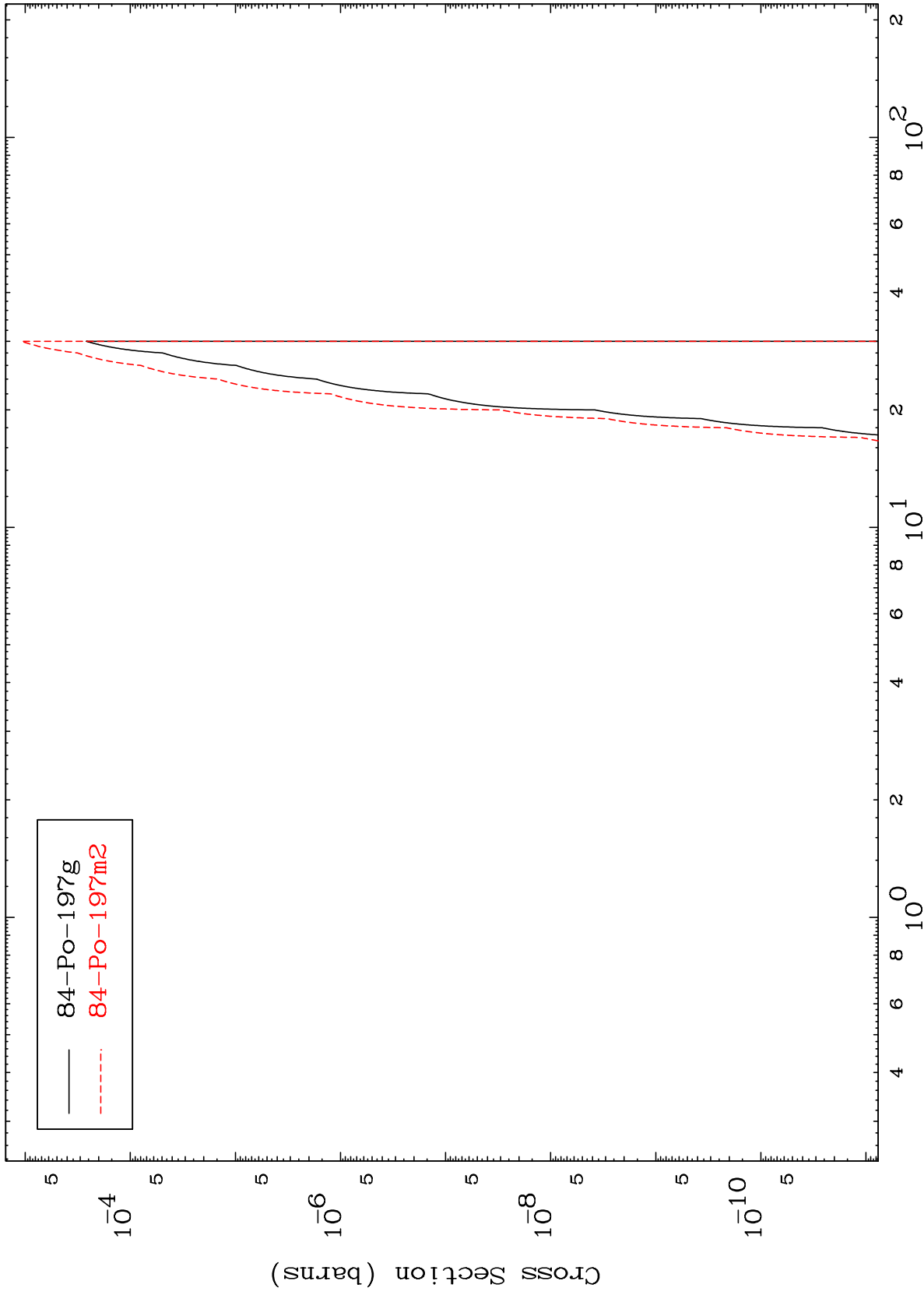
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MAT 8511

(α, p) α

85-At-198

Radionuclide Production Cross Section



21

Incident Energy (MeV)

85-At-198