

Program EVALPLOT
(Version 2018-1)

by

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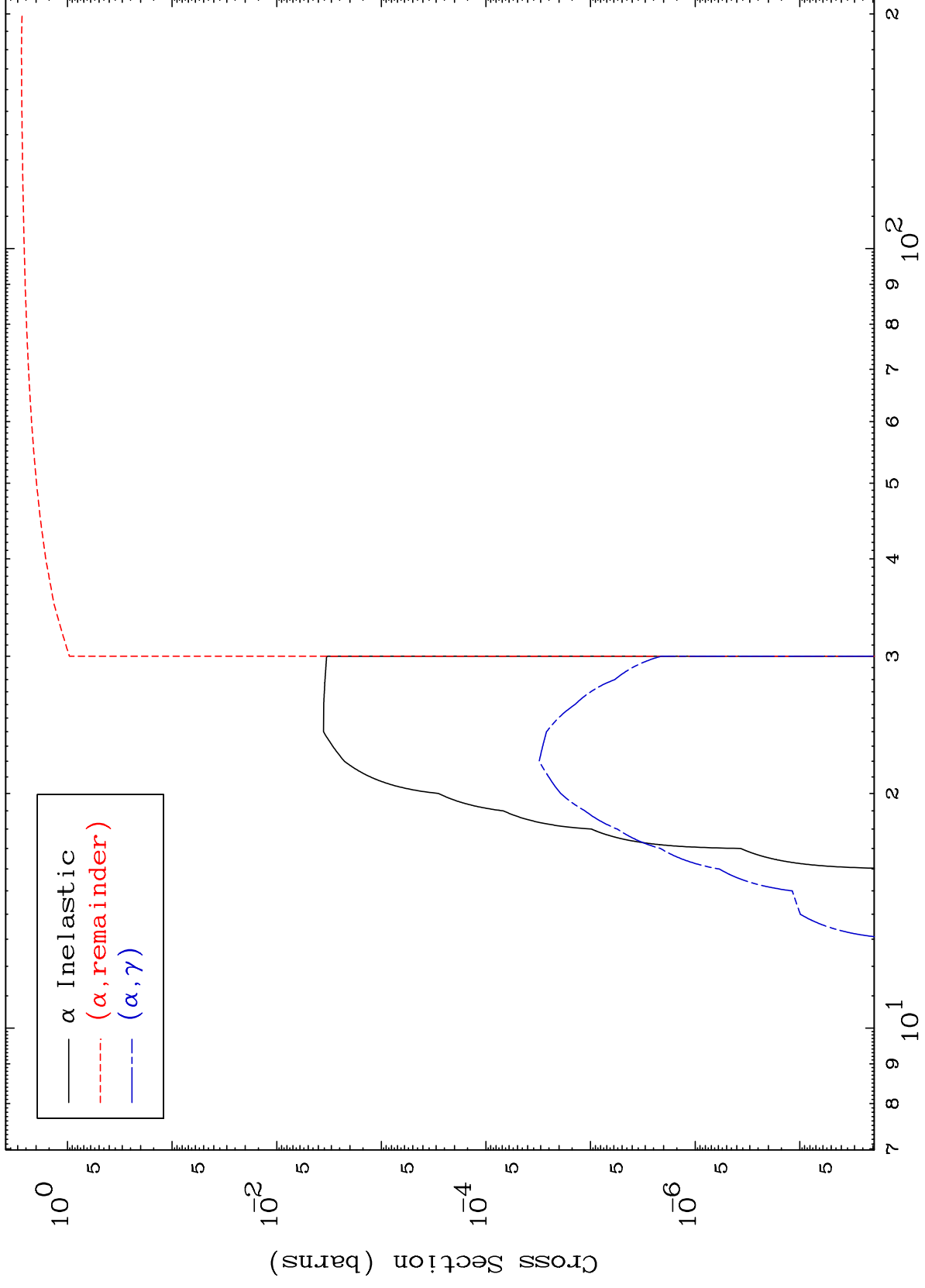
Press Mouse Button to Start

MAT 8516

α Major

85-At-200

0 Kelvin Cross Sections



α Inelastic
(α , remainder)
(α , γ)

Incident Energy (MeV)

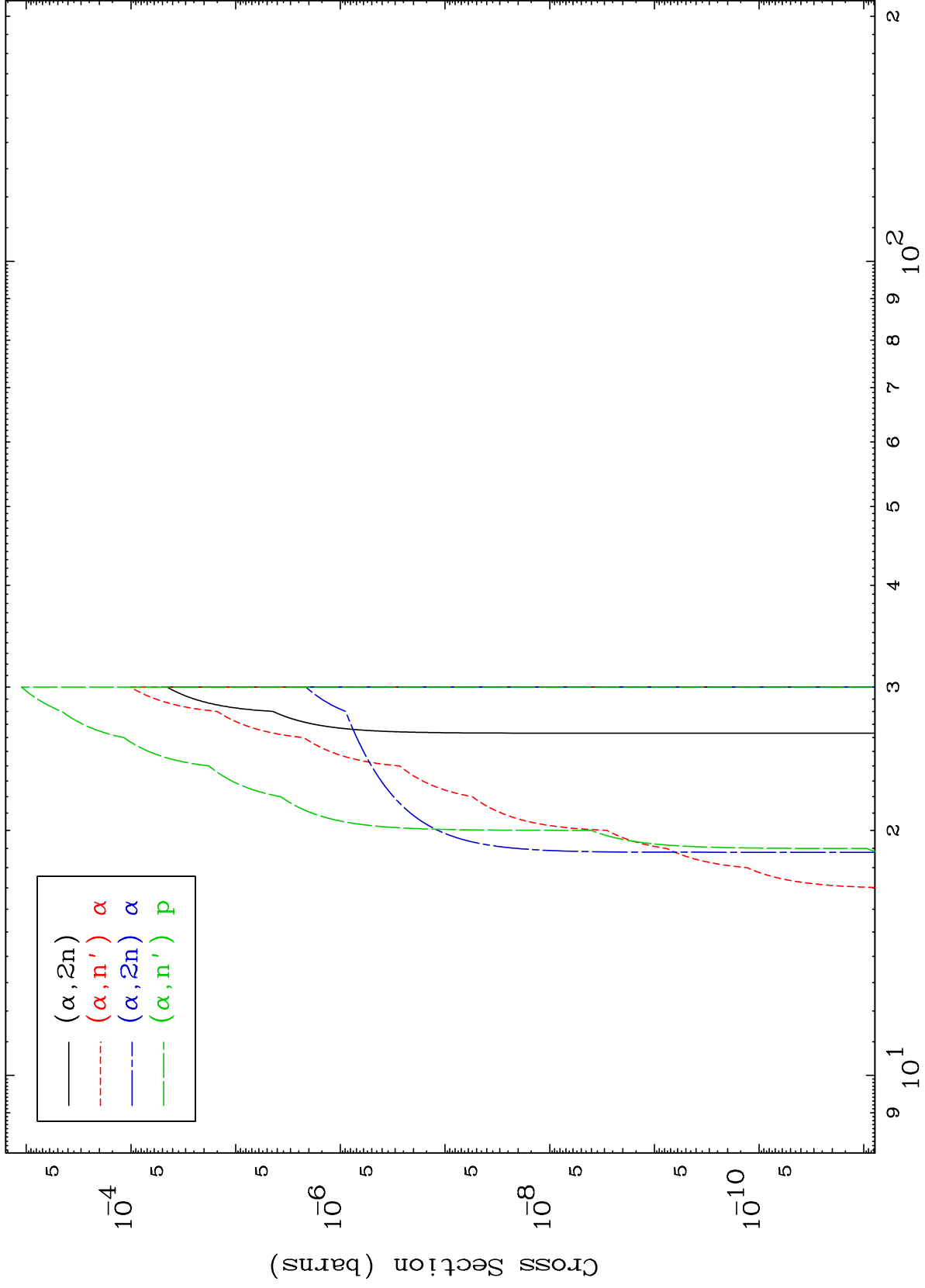
85-At-200

1

MAT 8516

α Neutron Production
0 Kelvin Cross Sections

85-At-200



2

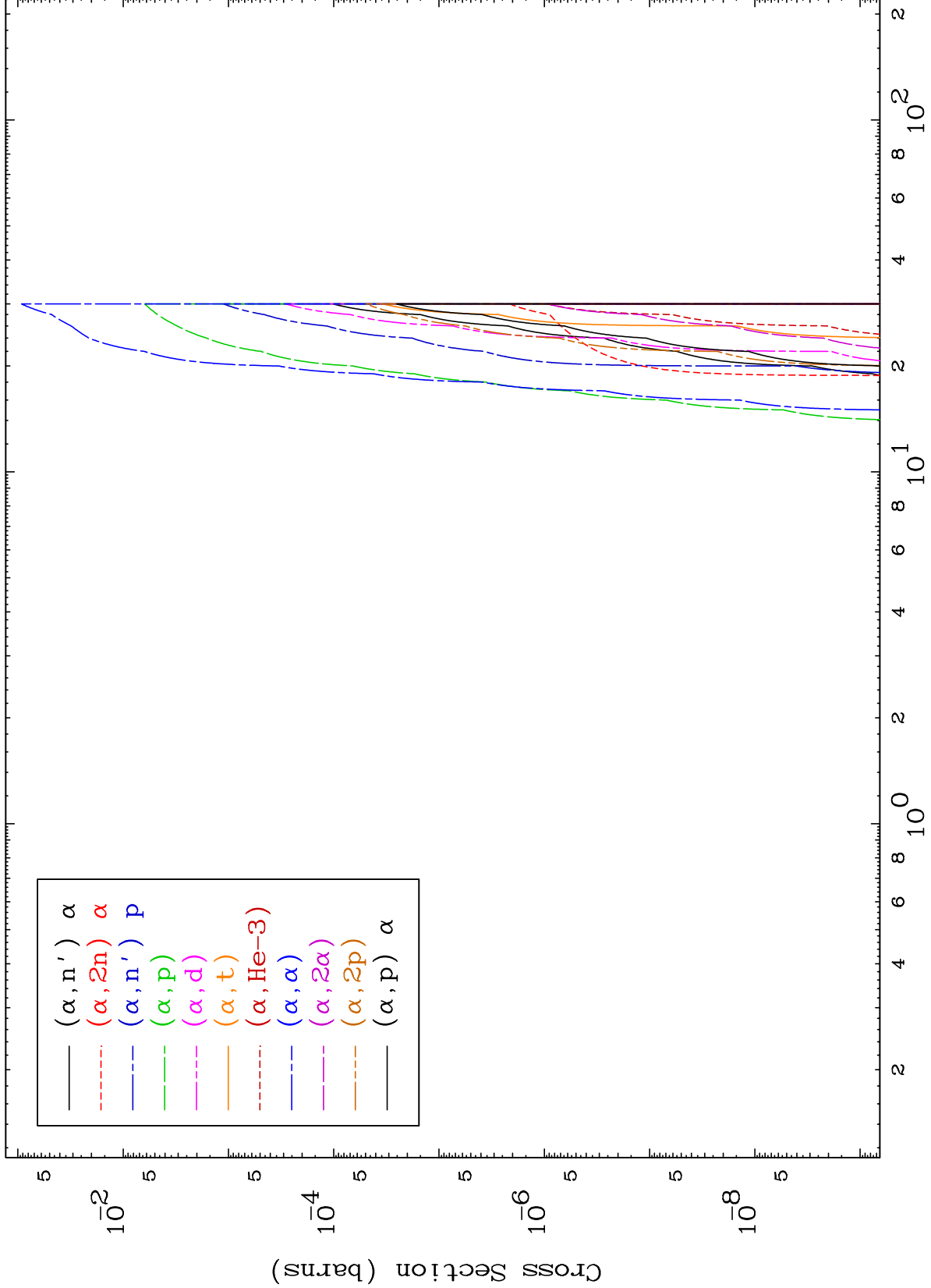
Incident Energy (MeV)

85-At-200

MAT 8516

α Charged Particle
0 Kelvin Cross Sections

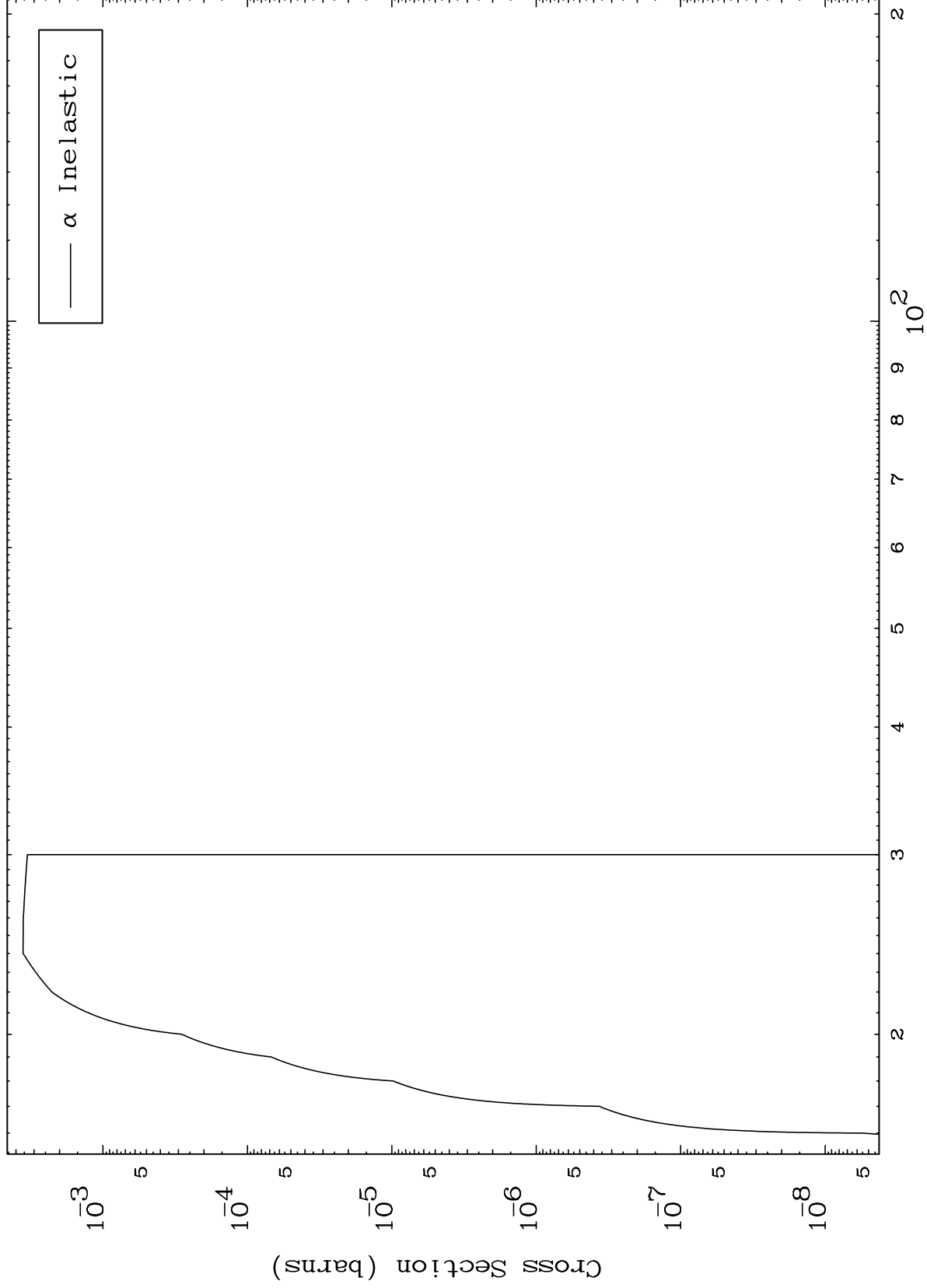
85-At-200



MAT 8516

85-At-200

(α, n') Level
0 Kelvin Cross Sections



85-At-200

Incident Energy (MeV)

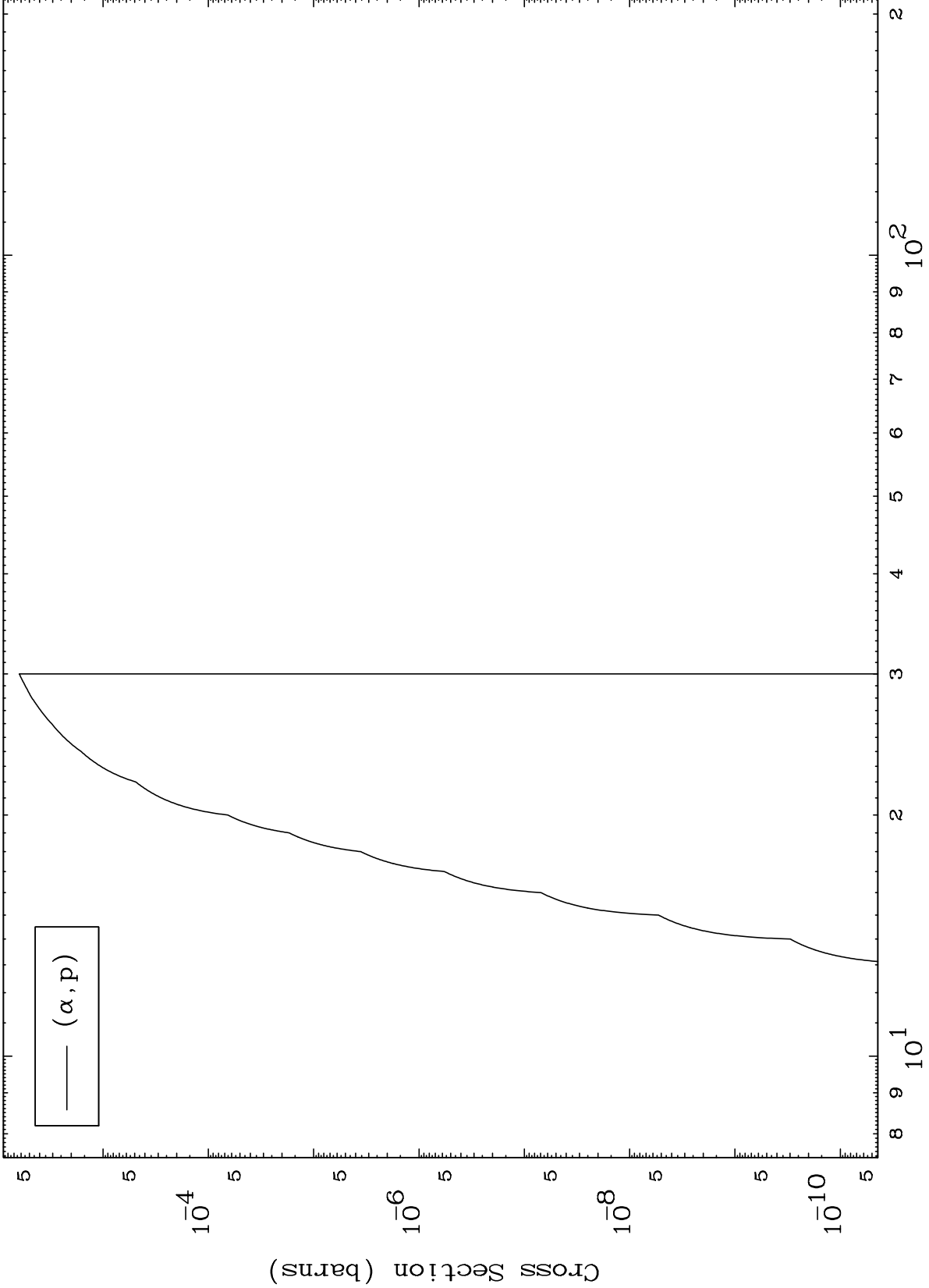
4

MAT 8516

(α, p) Levels

85-At-200

0 Kelvin Cross Sections



(α, p)

5

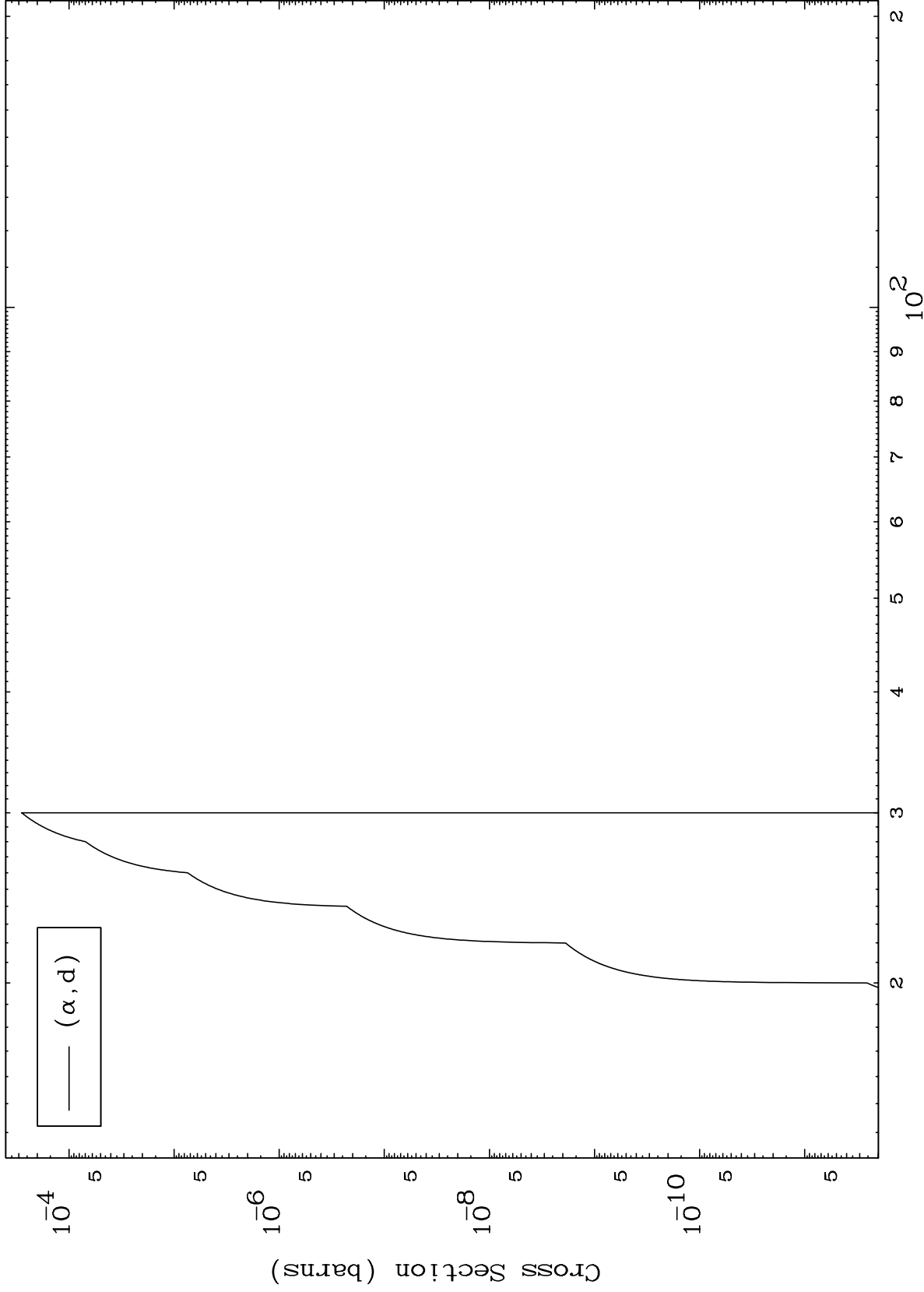
Incident Energy (MeV)

85-At-200

MAT 85116

(α, d) Levels
0 Kelvin Cross Sections

85-At-200



6

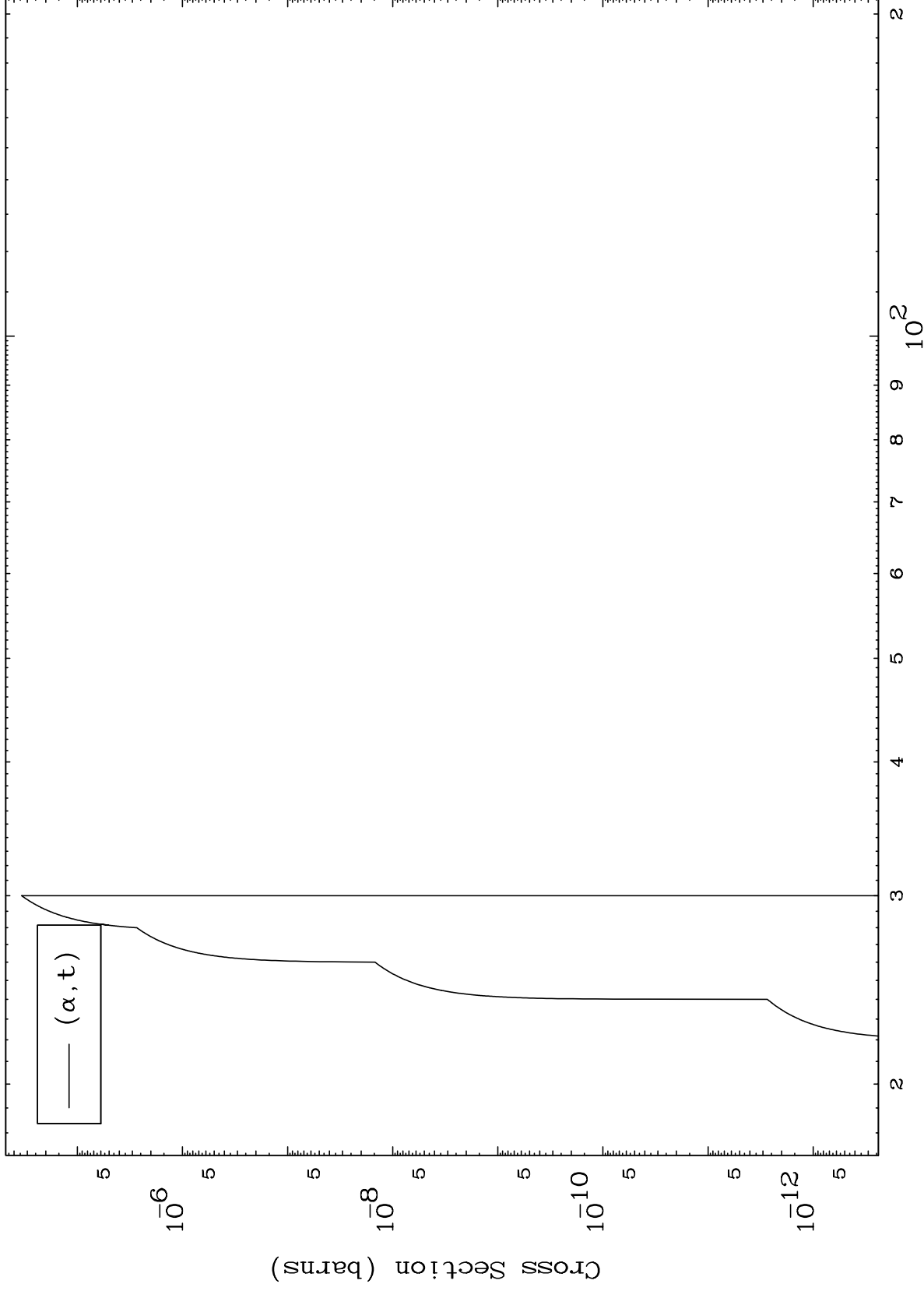
Incident Energy (MeV)

85-At-200

MAT 85116

(α, t) Levels
0 Kelvin Cross Sections

85-At-200



7

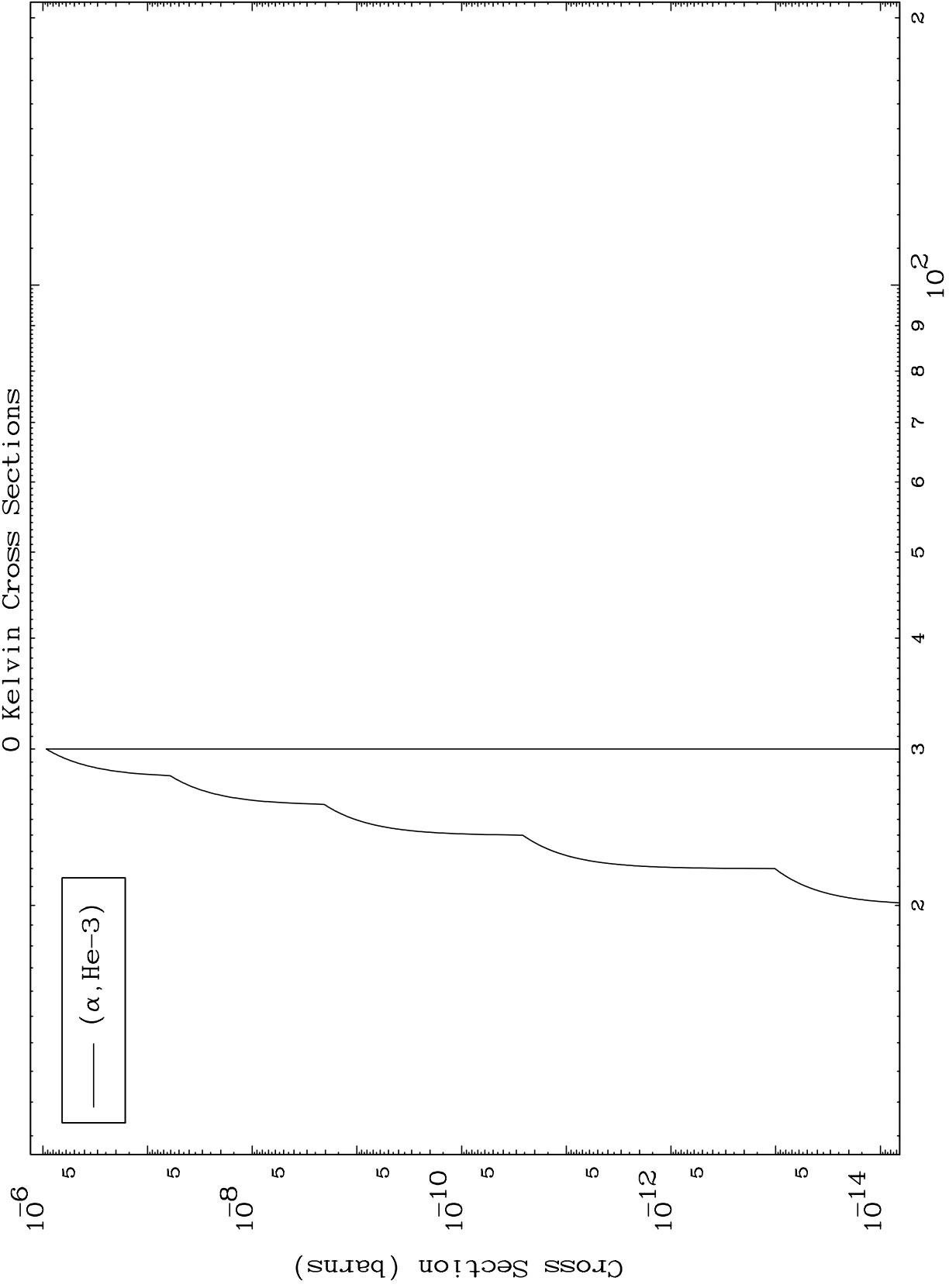
Incident Energy (MeV)

85-At-200

MAT 8516

(α , He3) Levels

85-At-200

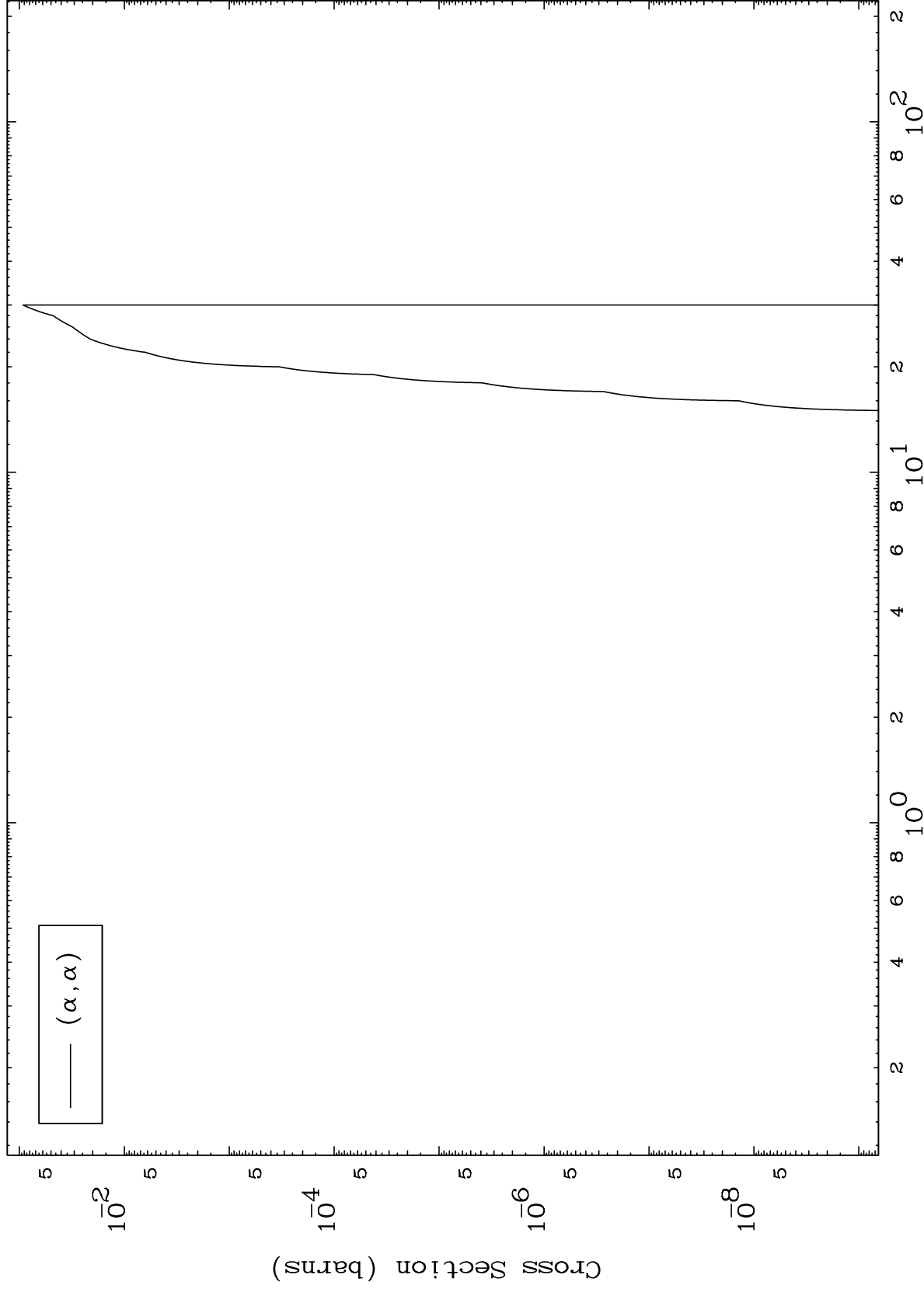


MAT 8516

(α, α) Levels

85-At-200

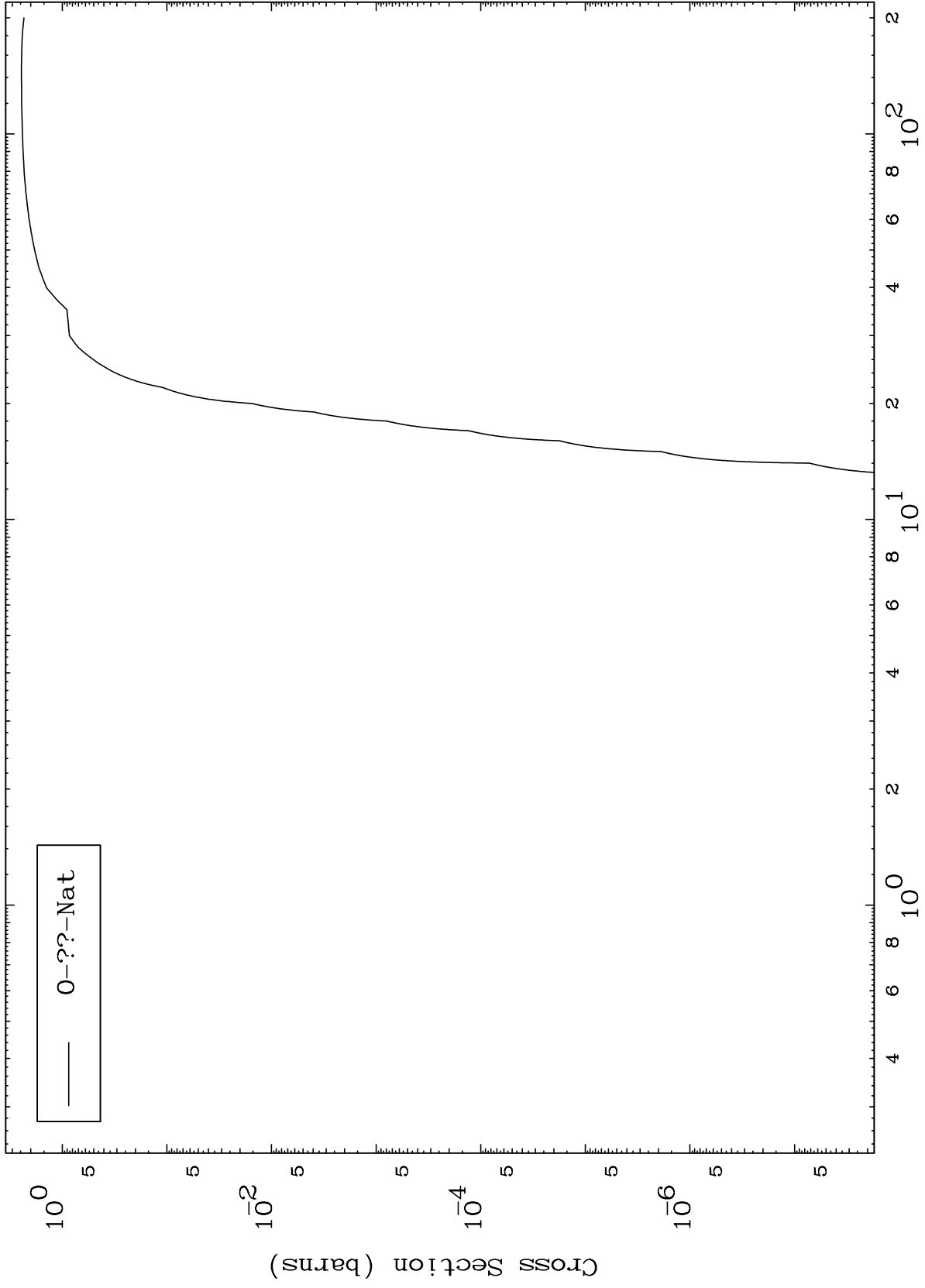
0 Kelvin Cross Sections



MAT 8516

85-At-200

α Fission
Radionuclide Production Cross Section



10

Incident Energy (MeV)

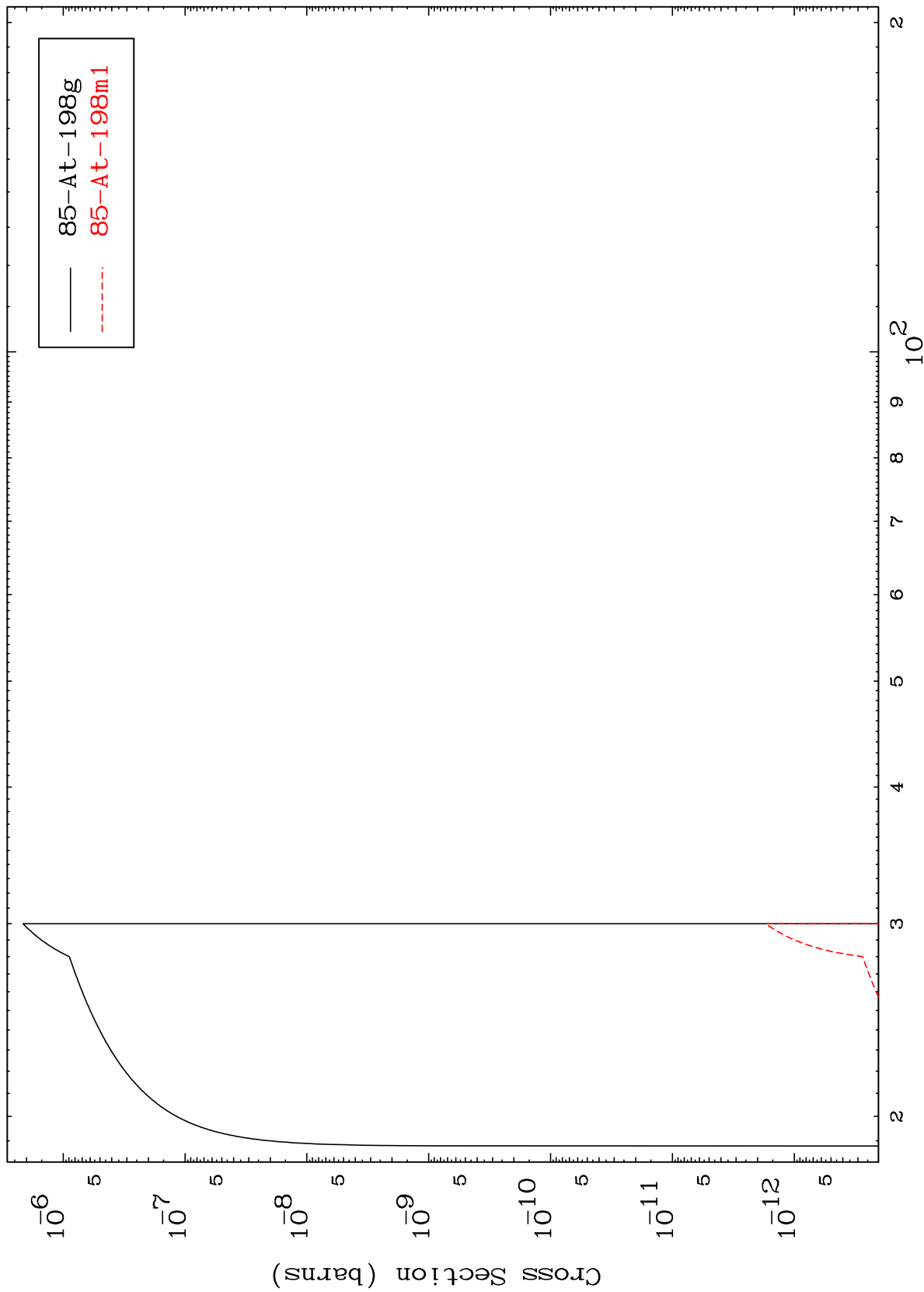
85-At-200

MAT 8516

$(\alpha, 2n) \alpha$

85-At-200

Radionuclide Production Cross Section



11

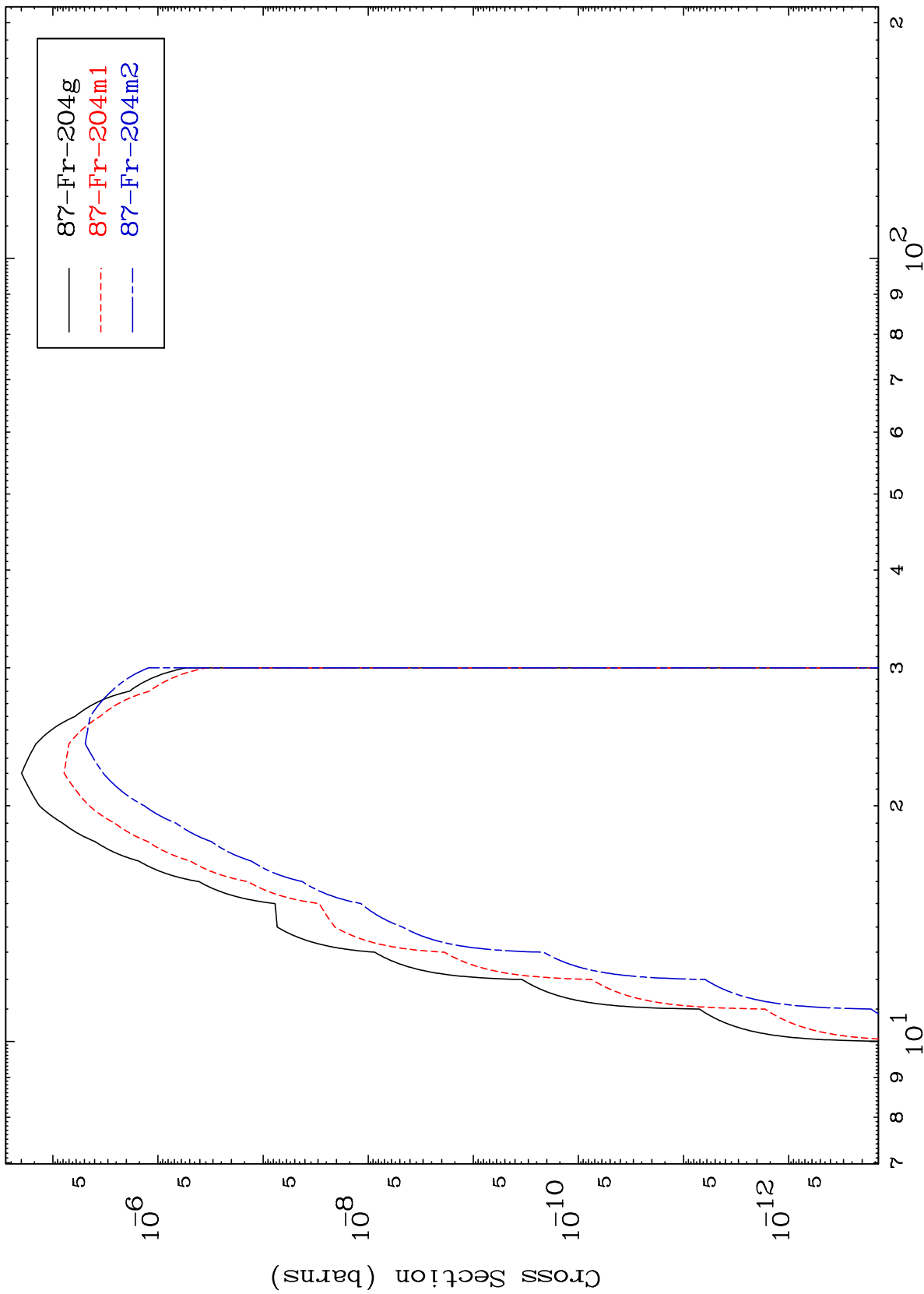
Incident Energy (MeV)

85-At-200

MAT 8516

85-At-200

(α, γ)
Radionuclide Production Cross Section



12

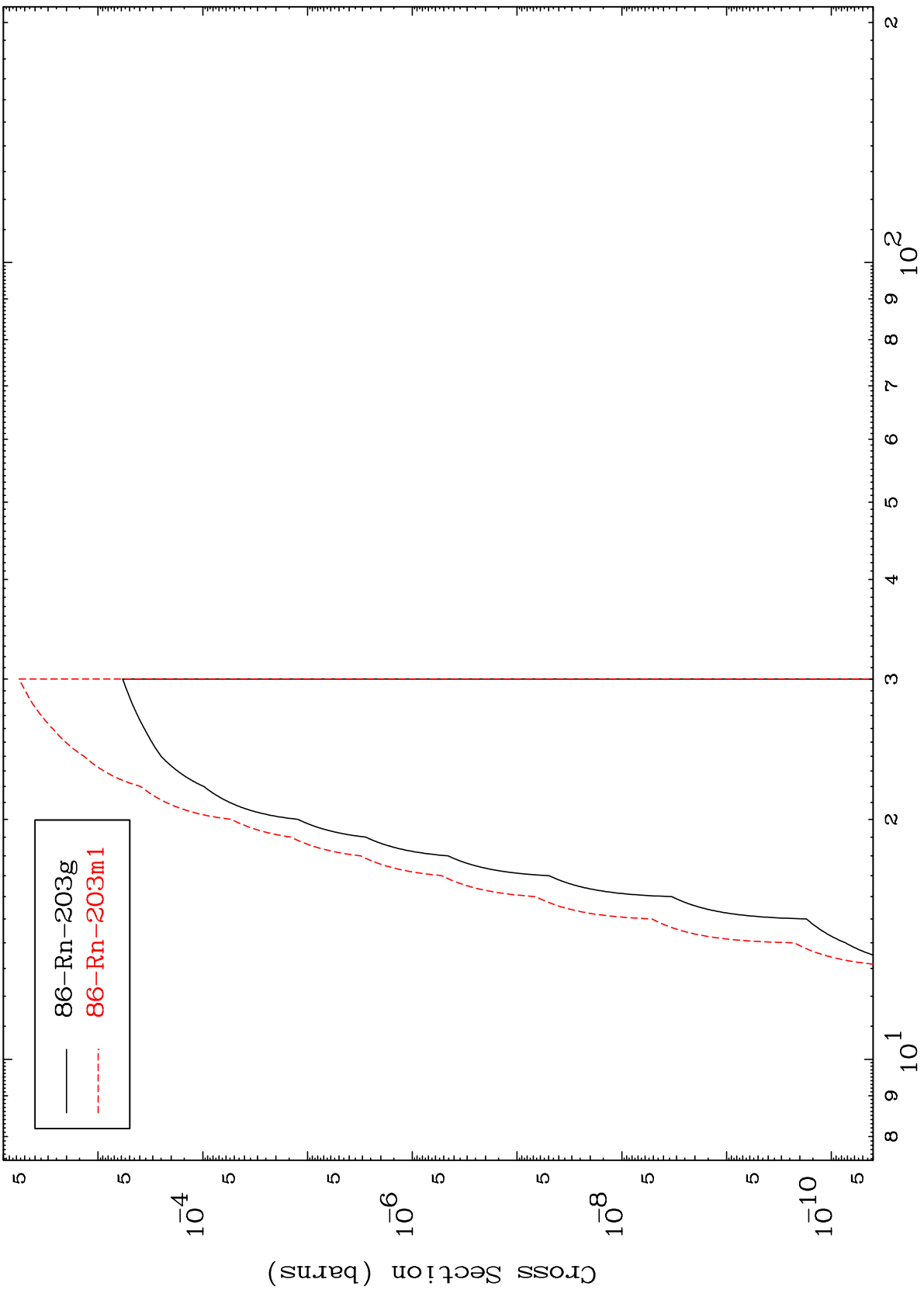
Incident Energy (MeV)

85-At-200

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85-At-200

(α, p)
Radionuclide Production Cross Section



86-Rn-203g
86-Rn-203m1

13

Incident Energy (MeV)

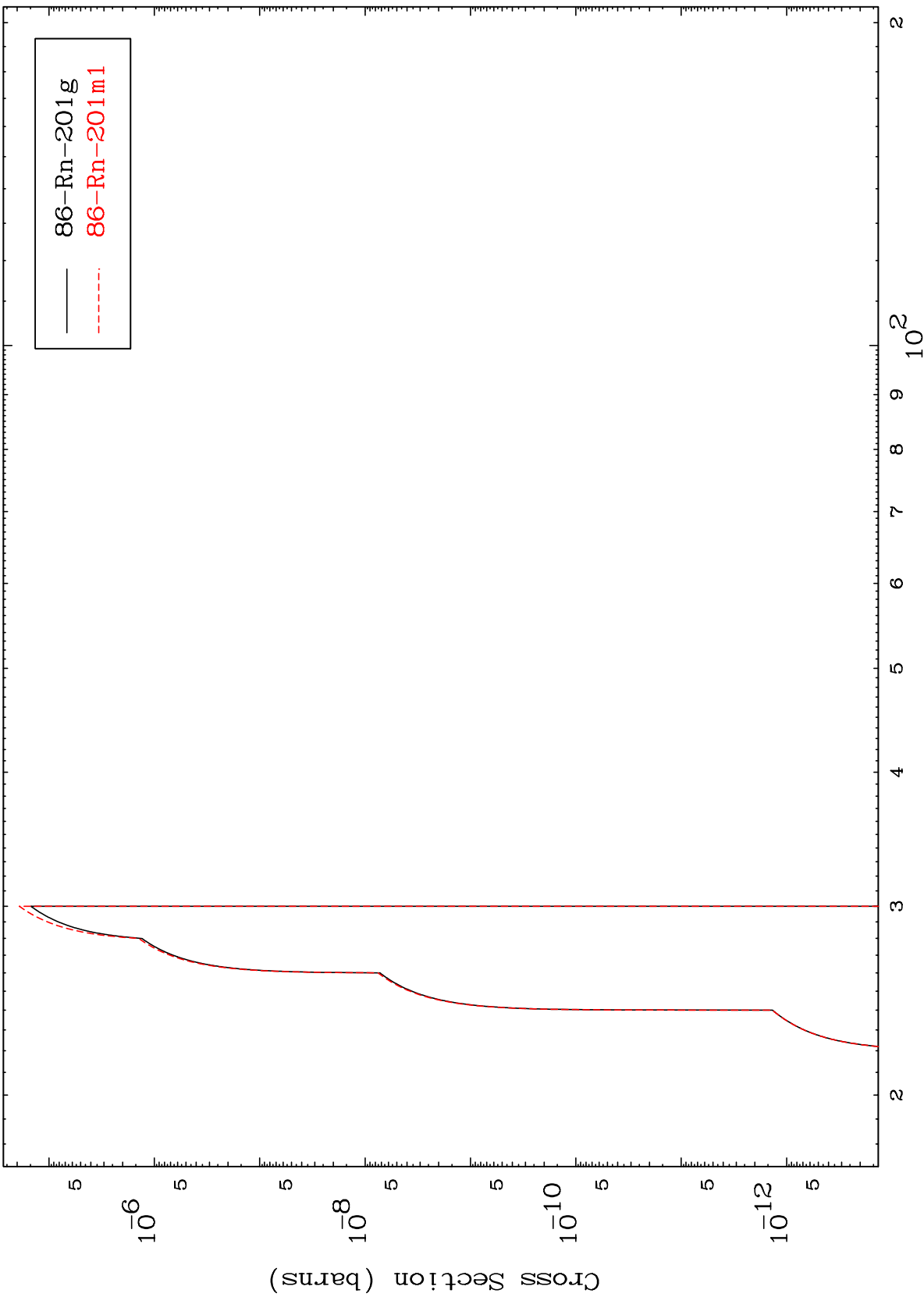
85-At-200

MAT 8516

(α, t)

85-At-200

Radionuclide Production Cross Section



14

Incident Energy (MeV)

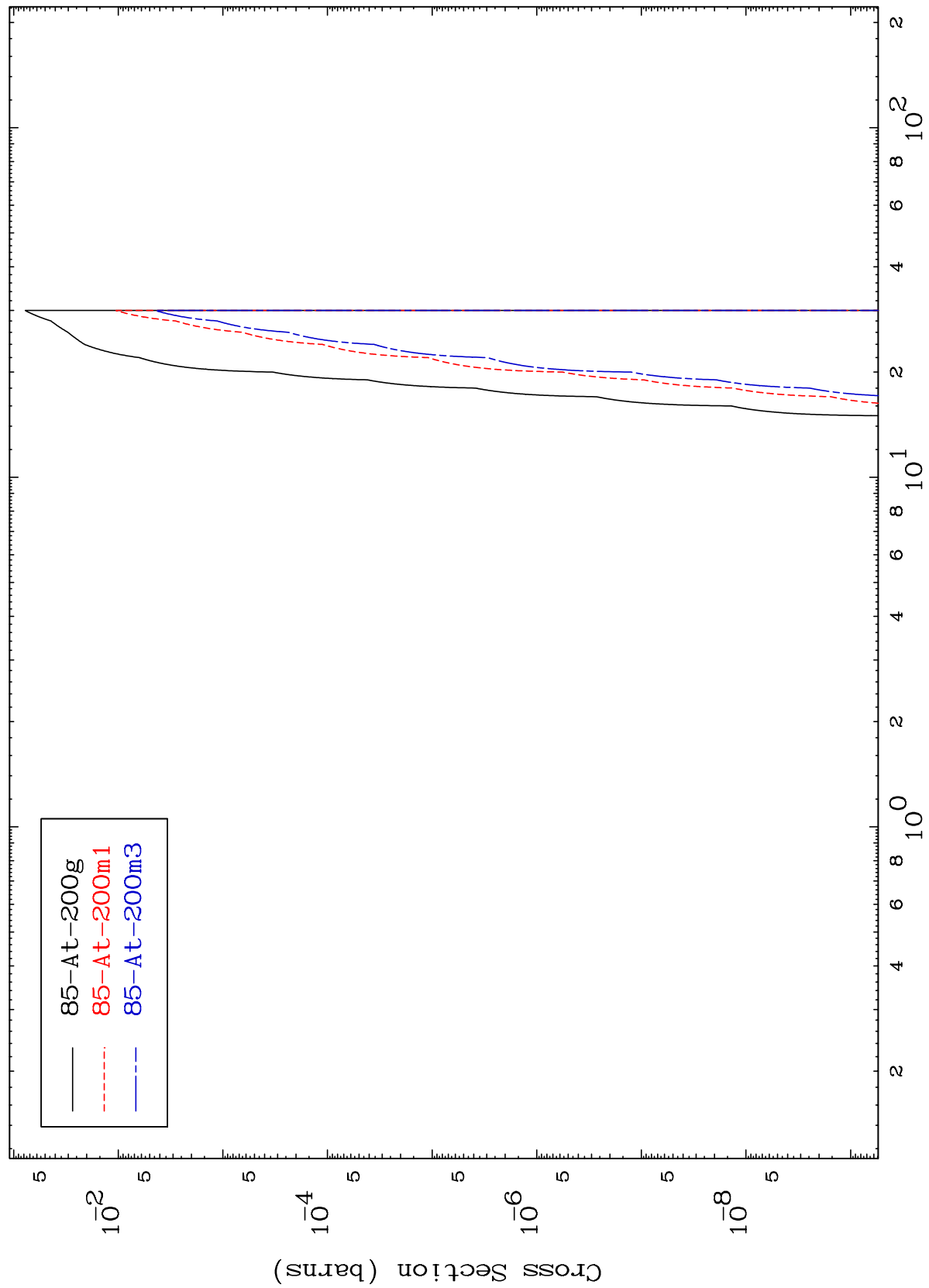
85-At-200

MAT 8516

(α, α)

85-At-200

Radionuclide Production Cross Section



15

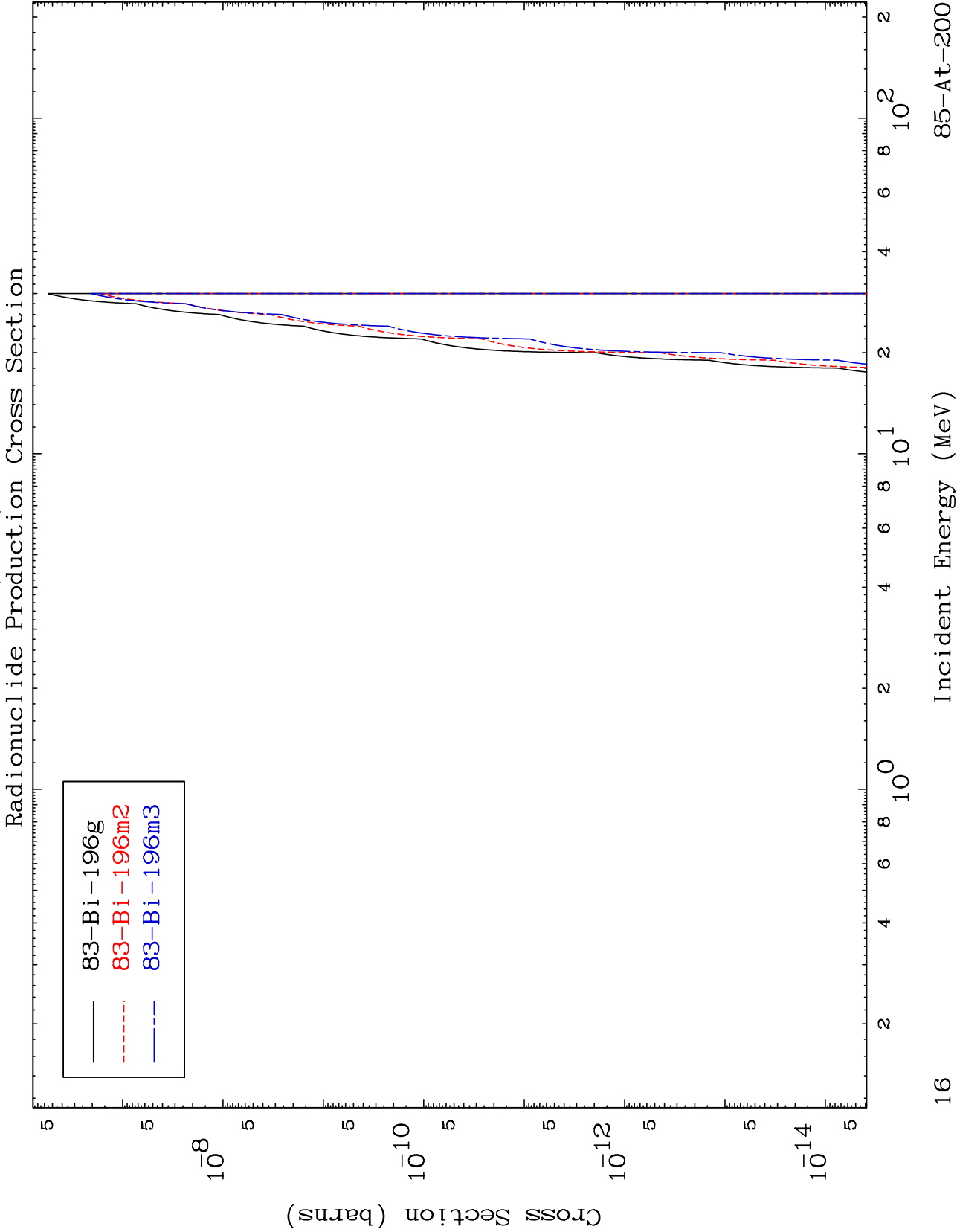
Incident Energy (MeV)

85-At-200

MAT 8516

($\alpha, 2\alpha$)

85-At-200

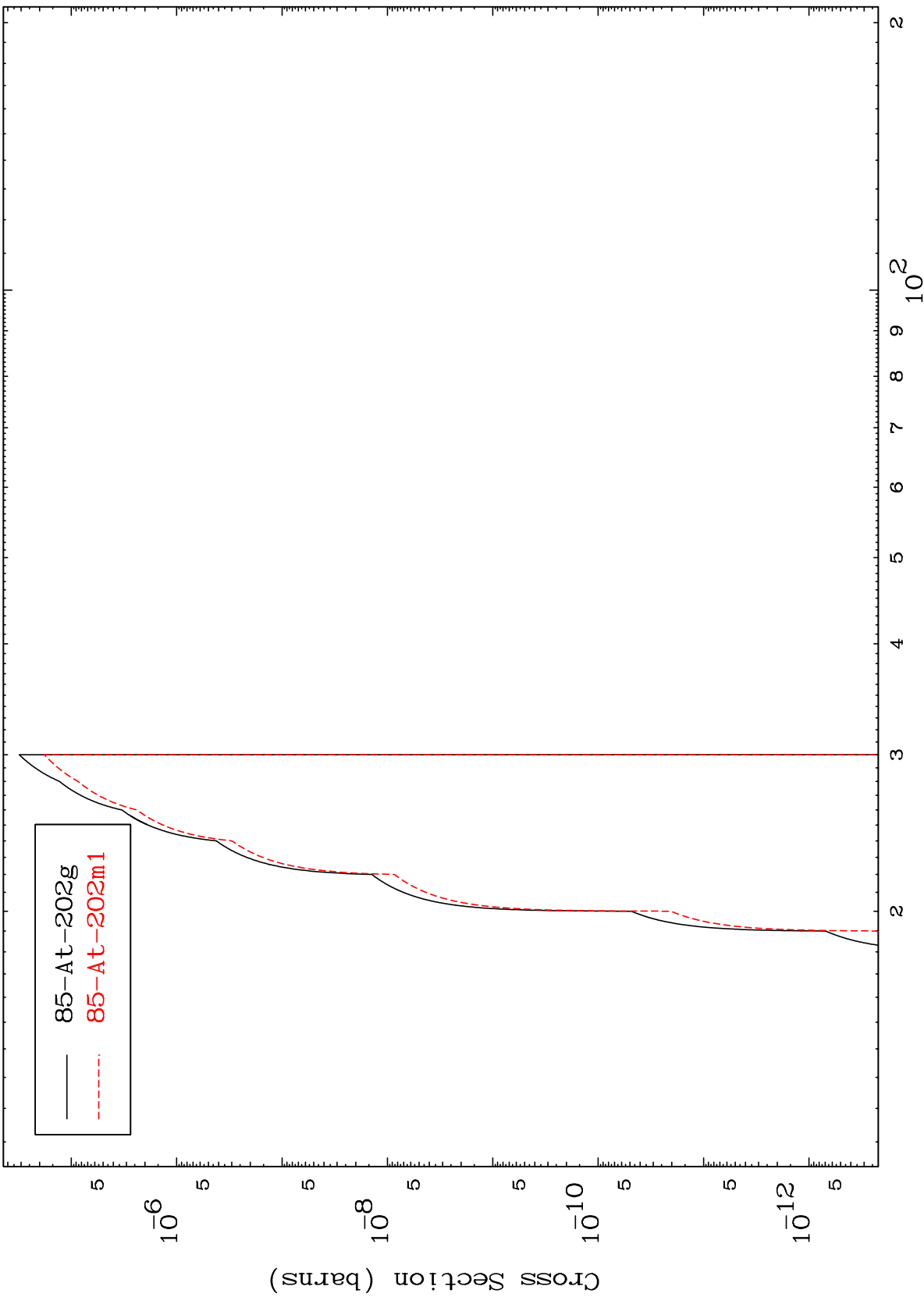


83-Bi-196g
83-Bi-196m2
83-Bi-196m3

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85-At-200

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

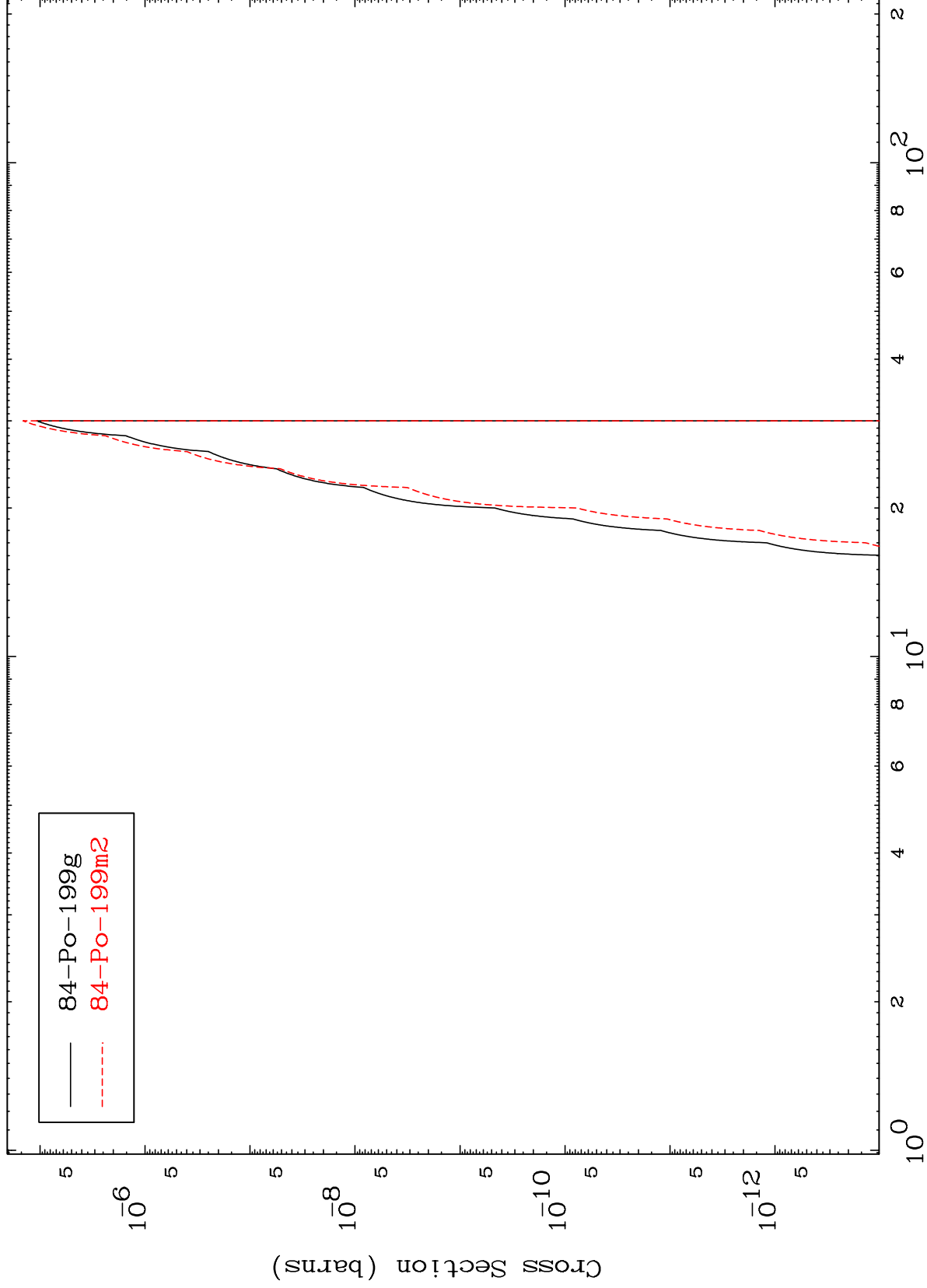


MAT 8516

(α, p) α

85-At-200

Radionuclide Production Cross Section



Incident Energy (MeV)

85-At-200

18