

Program EVALPLOT
(Version 2018-1)

by

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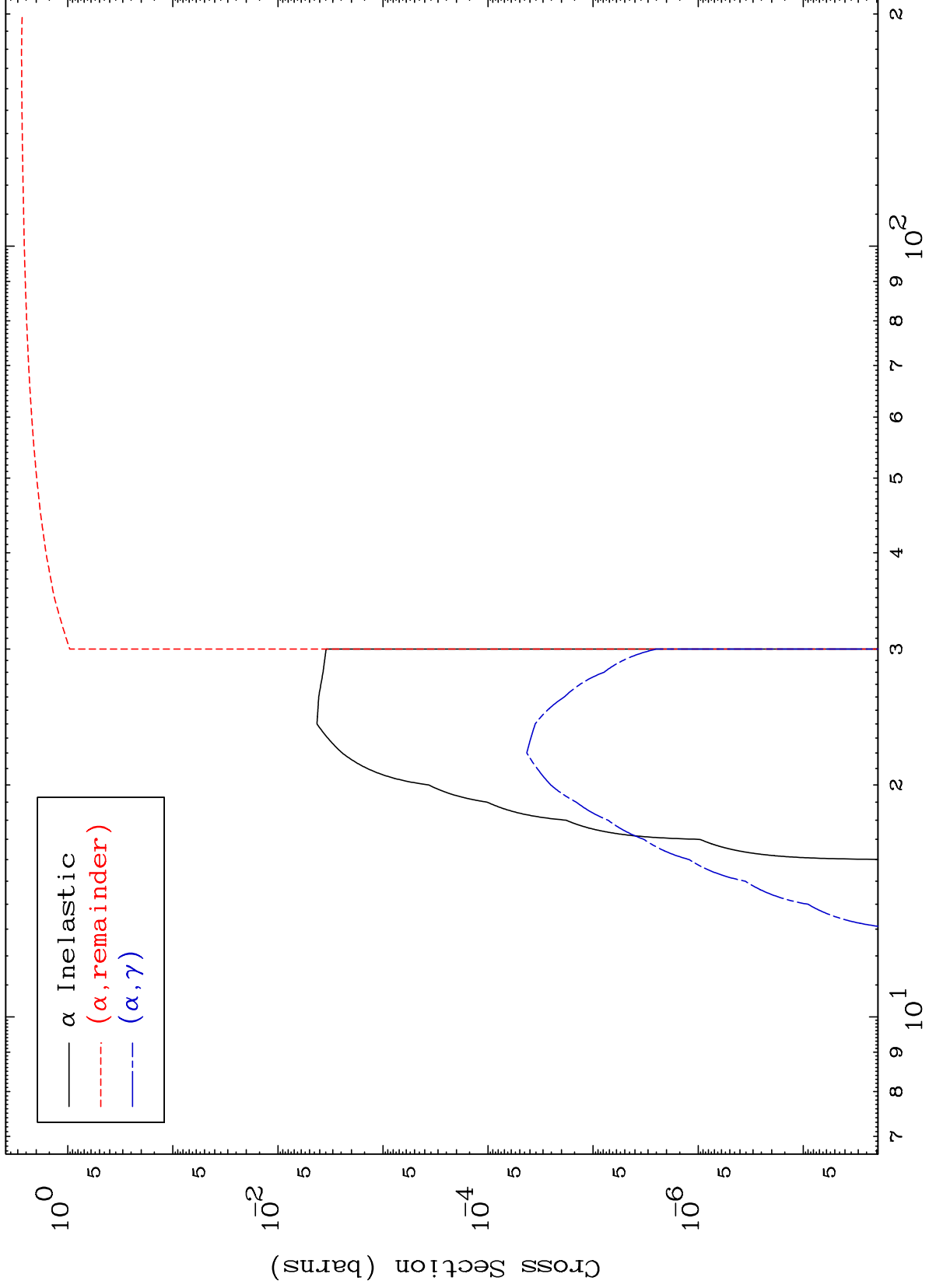
Press Mouse Button to Start

MAT 8518

α Major

85-At-200

0 Kelvin Cross Sections

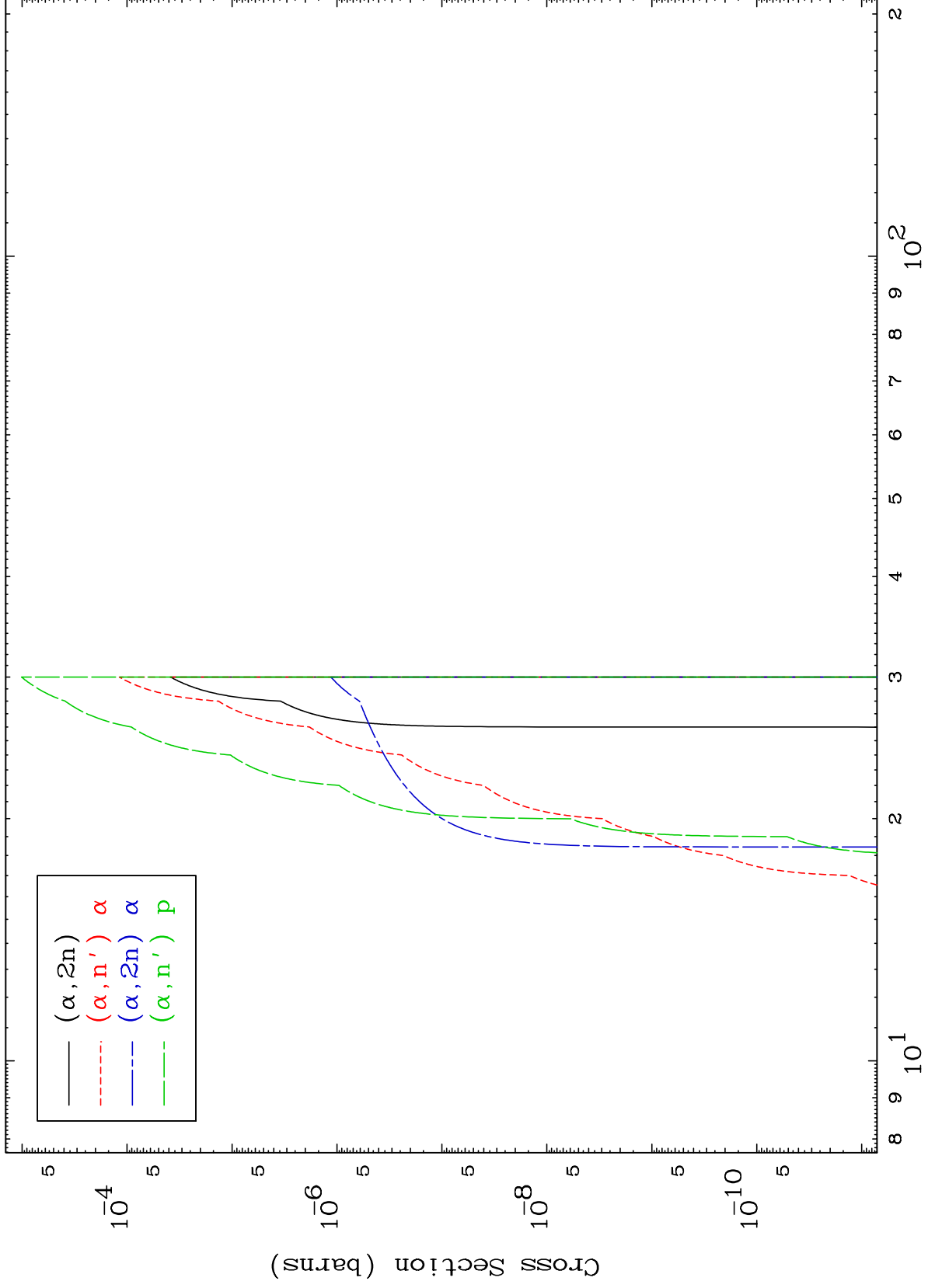


α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

MAT 8518

α Neutron Production
0 Kelvin Cross Sections

85-At-200



2

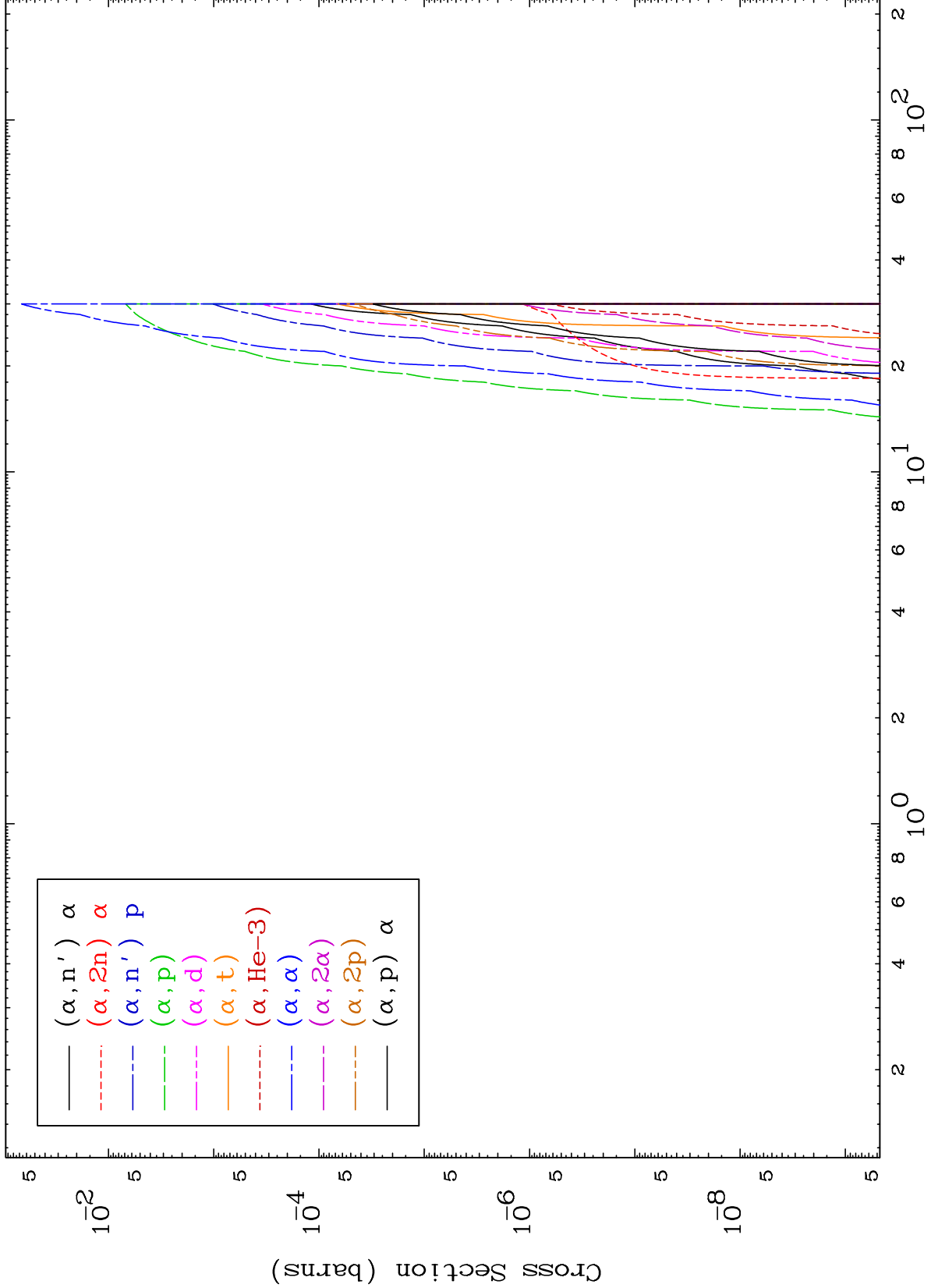
Incident Energy (MeV)

85-At-200

MAT 8518

α Charged Particle
0 Kelvin Cross Sections

85-At-200

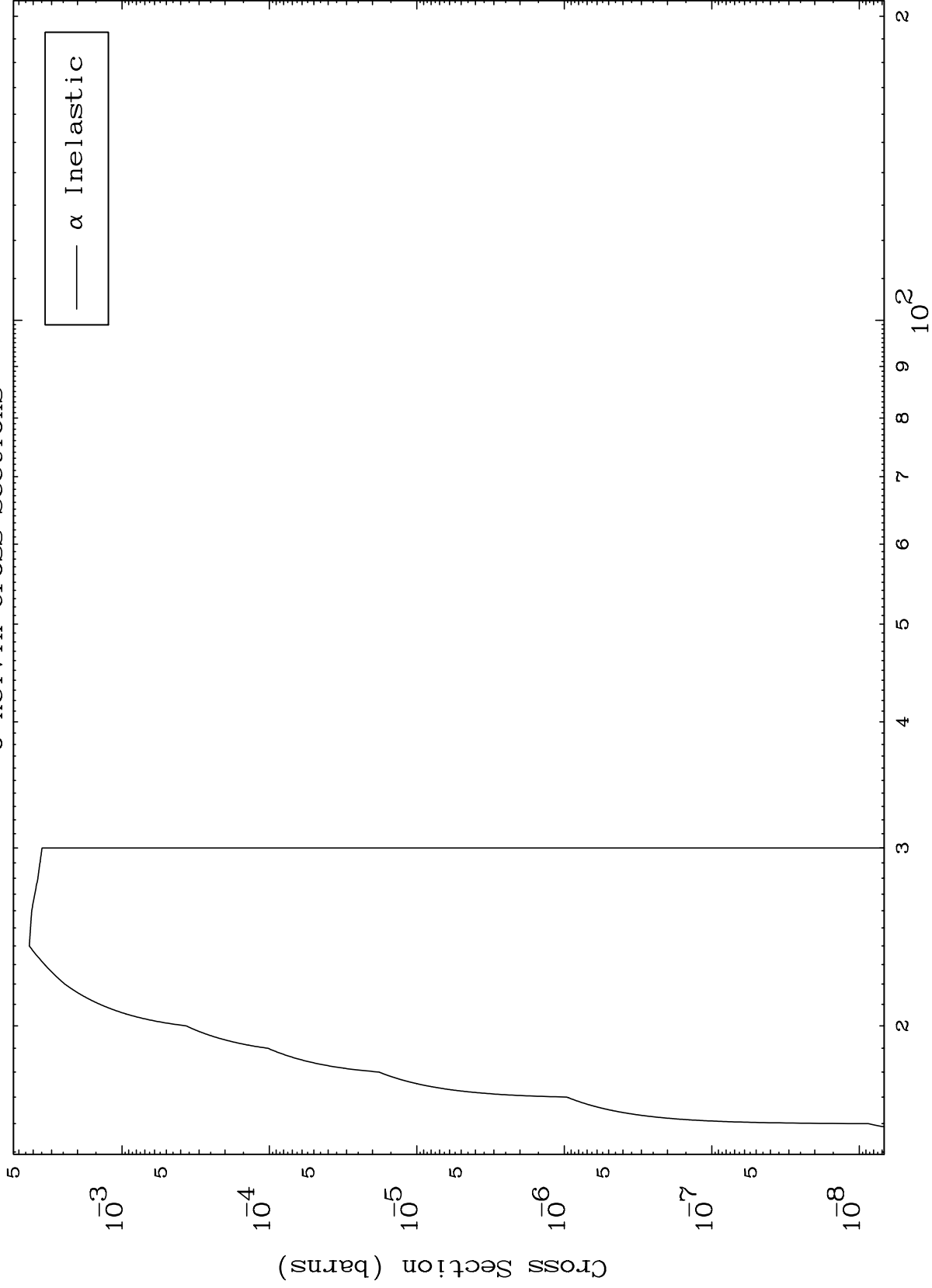


MAT 8518

(α, n') Level

85-At-200

0 Kelvin Cross Sections



4

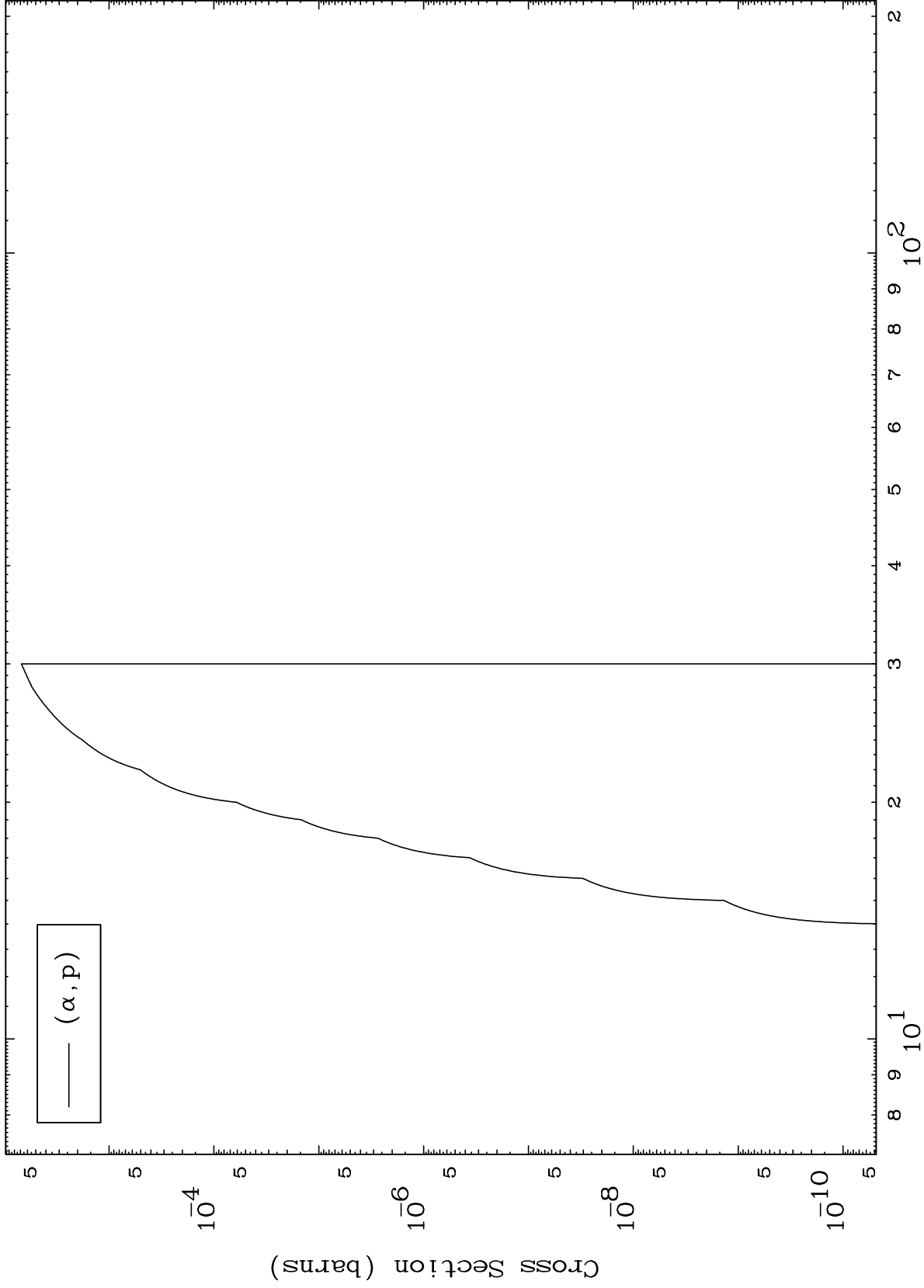
Incident Energy (MeV)

85-At-200

MAT 8518

(α, p) Levels
0 Kelvin Cross Sections

85-At-200



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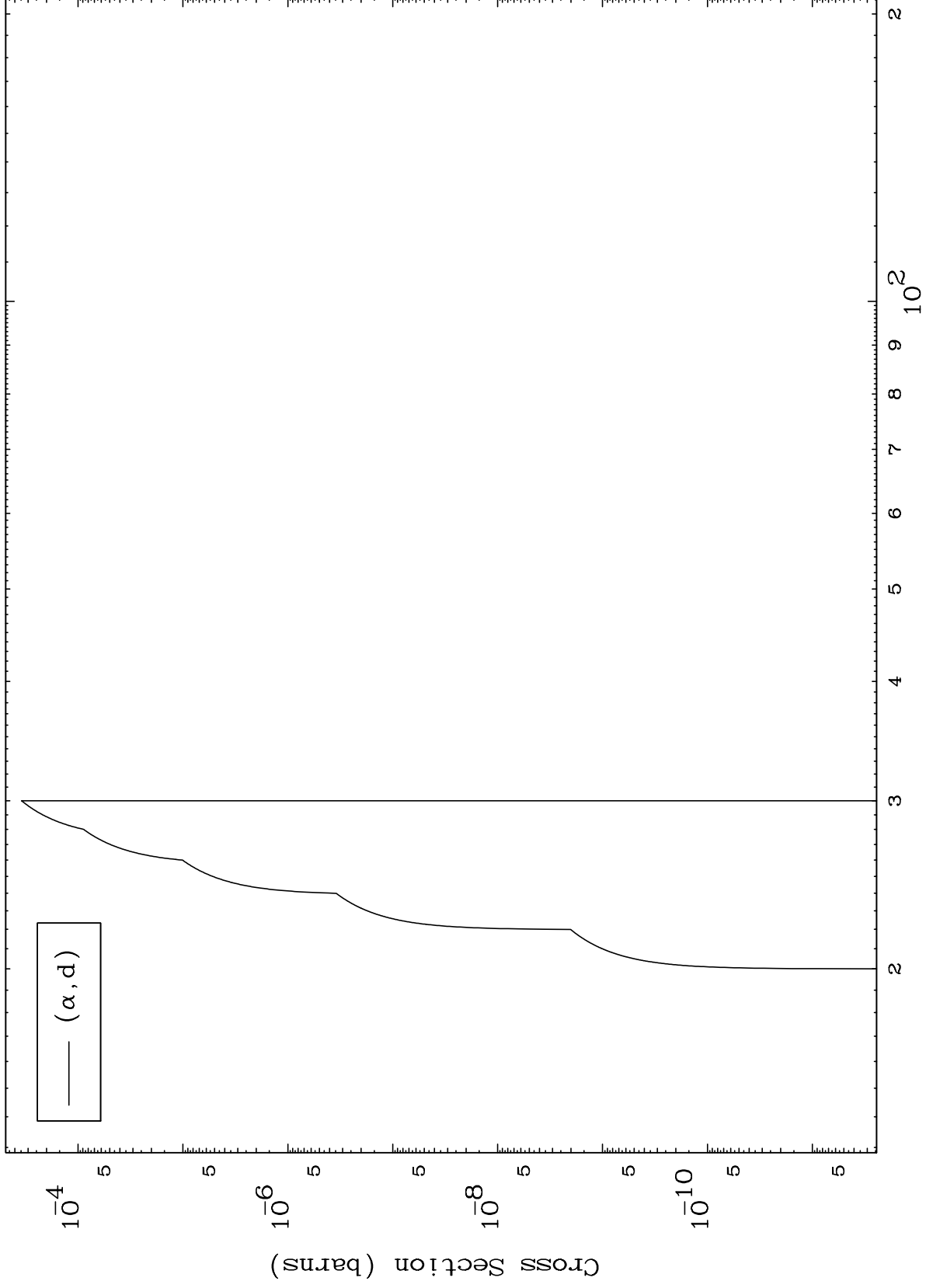
Incident Energy (MeV)

85-At-200

MAT 8518

(α, d) Levels
0 Kelvin Cross Sections

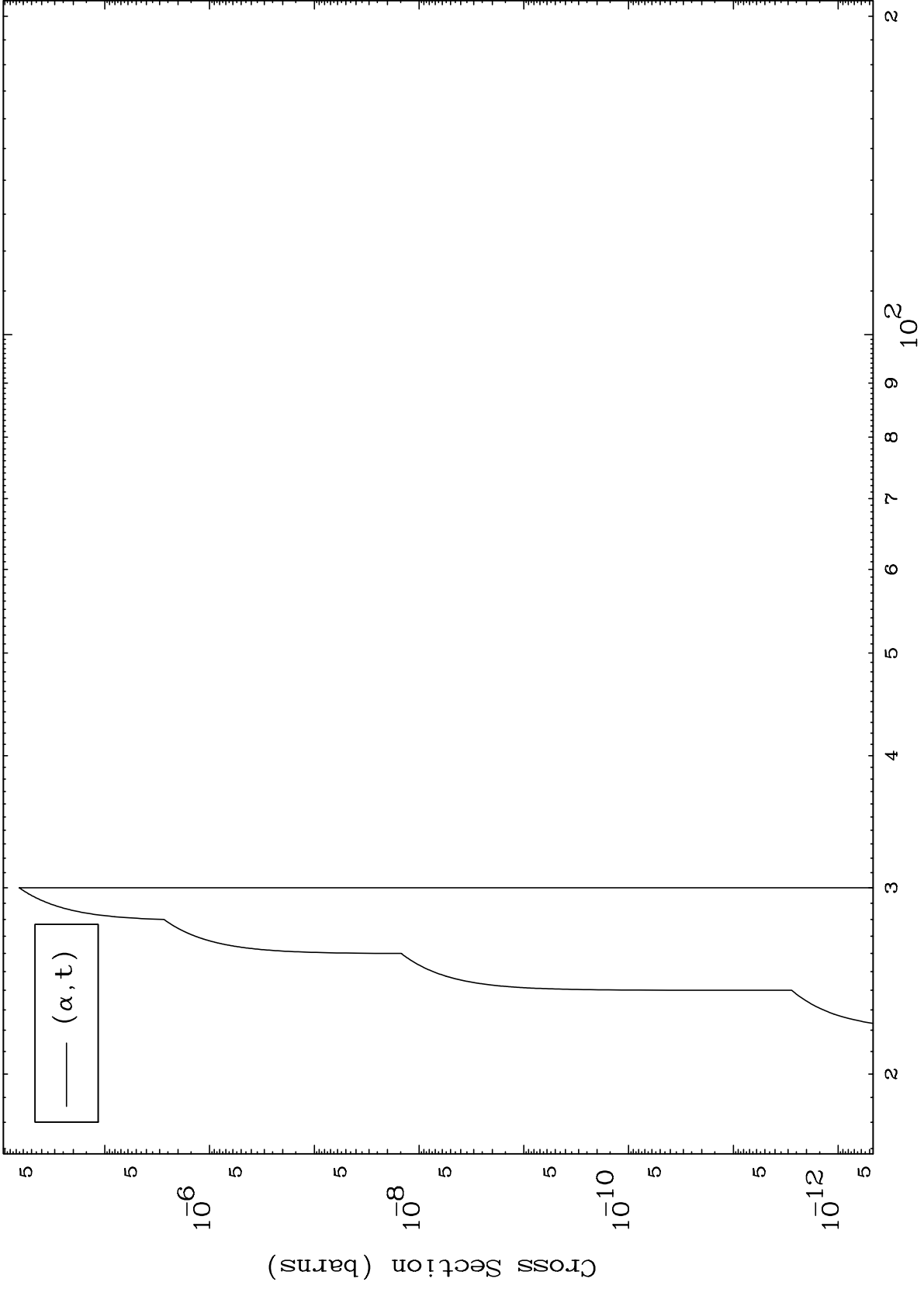
85-At-200



MAT 8518

(α, t) Levels
0 Kelvin Cross Sections

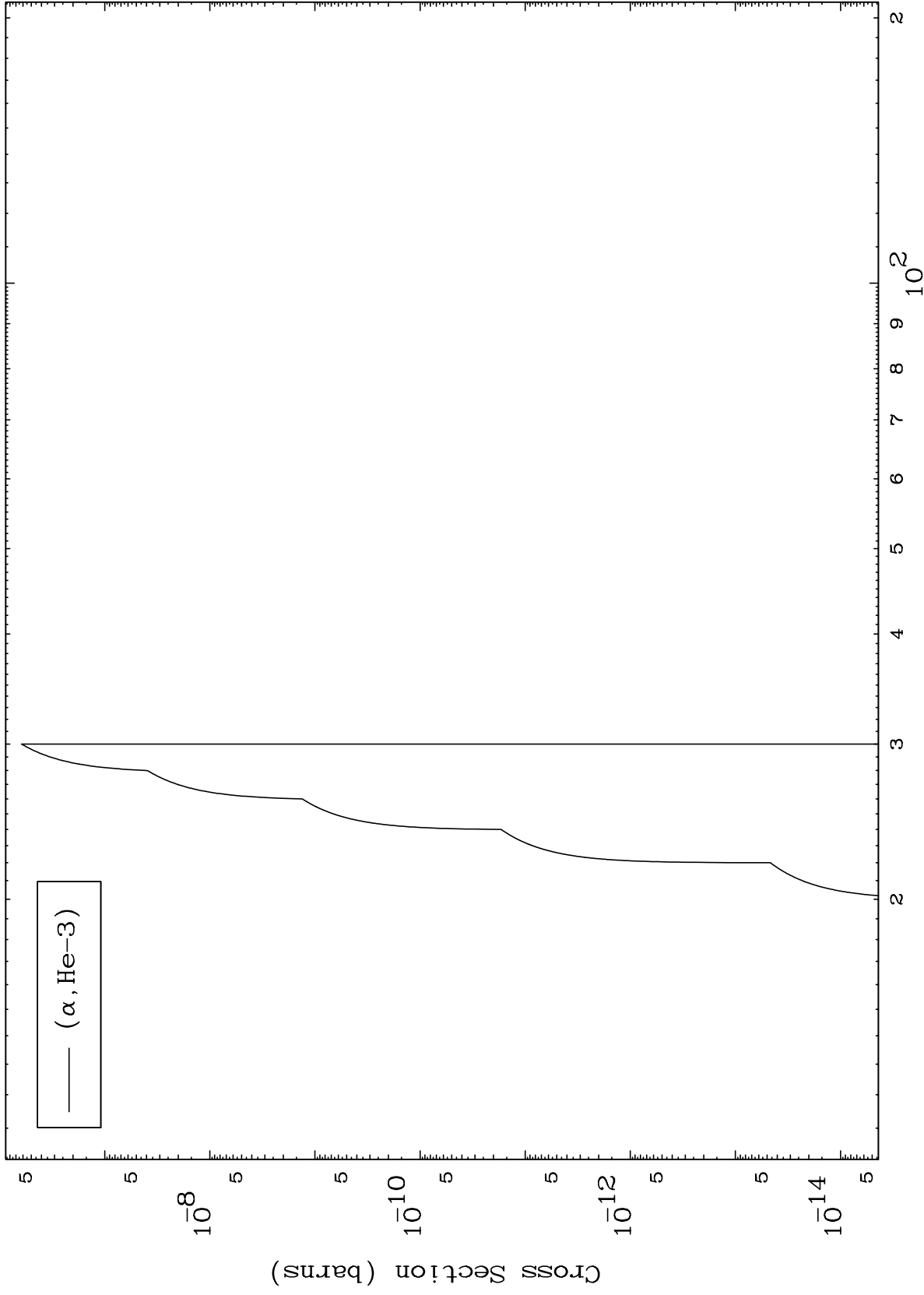
85-At-200



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Incident Energy (MeV)

85-At-200

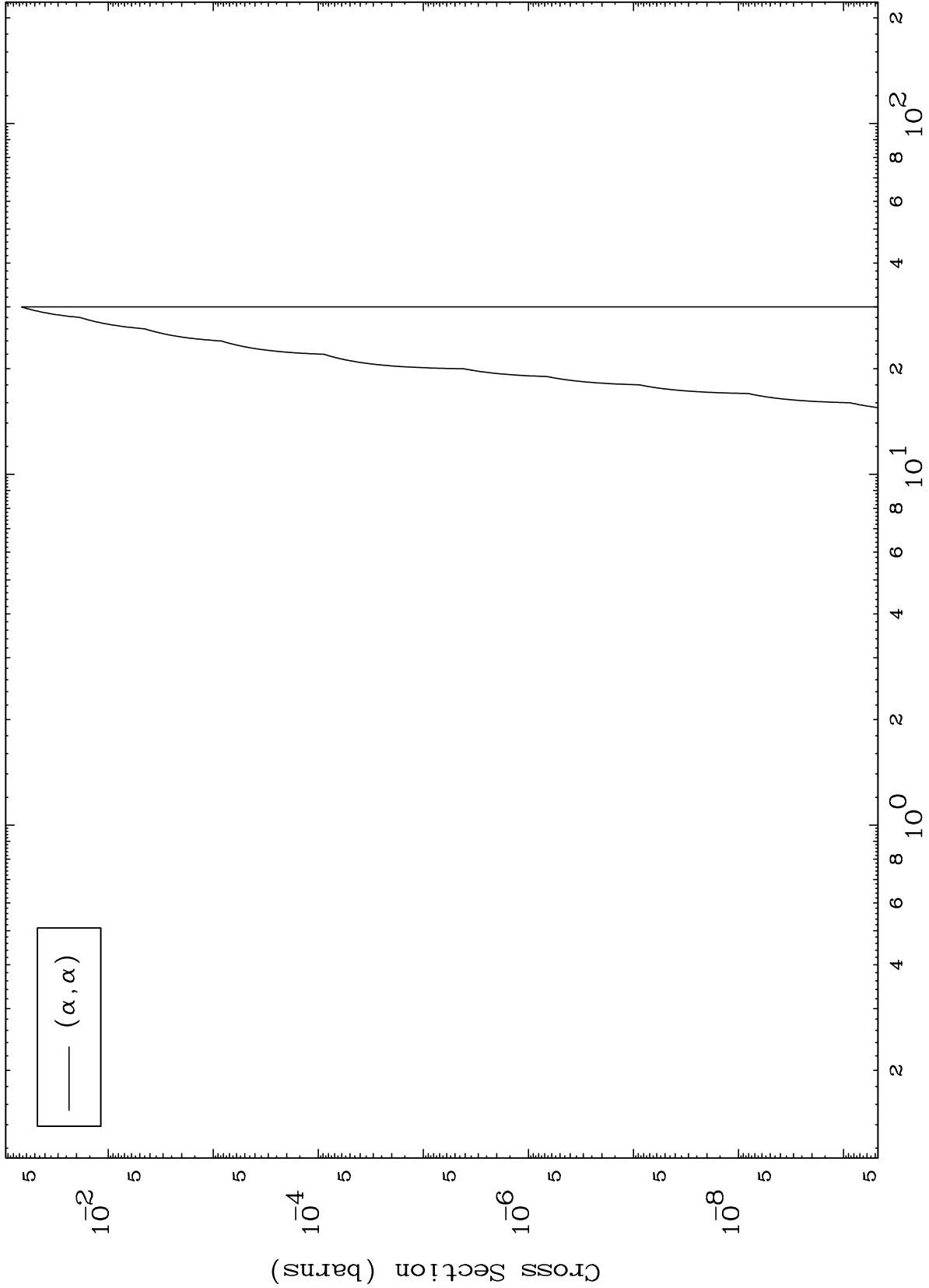


MAT 8518

(α, α) Levels

85-At-200

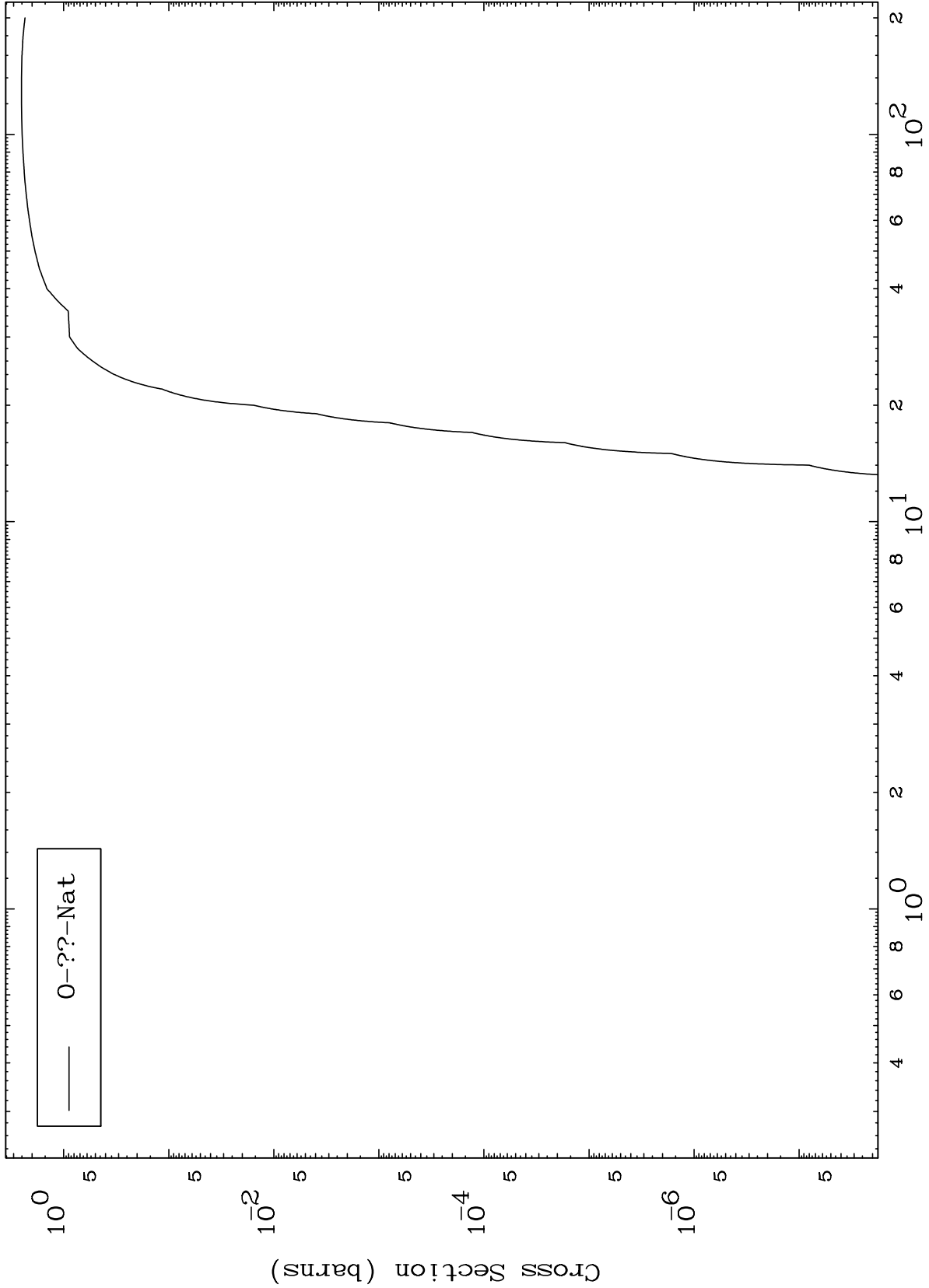
0 Kelvin Cross Sections



MAT 8518

85-At-200

α Fission
Radionuclide Production Cross Section



10

Incident Energy (MeV)

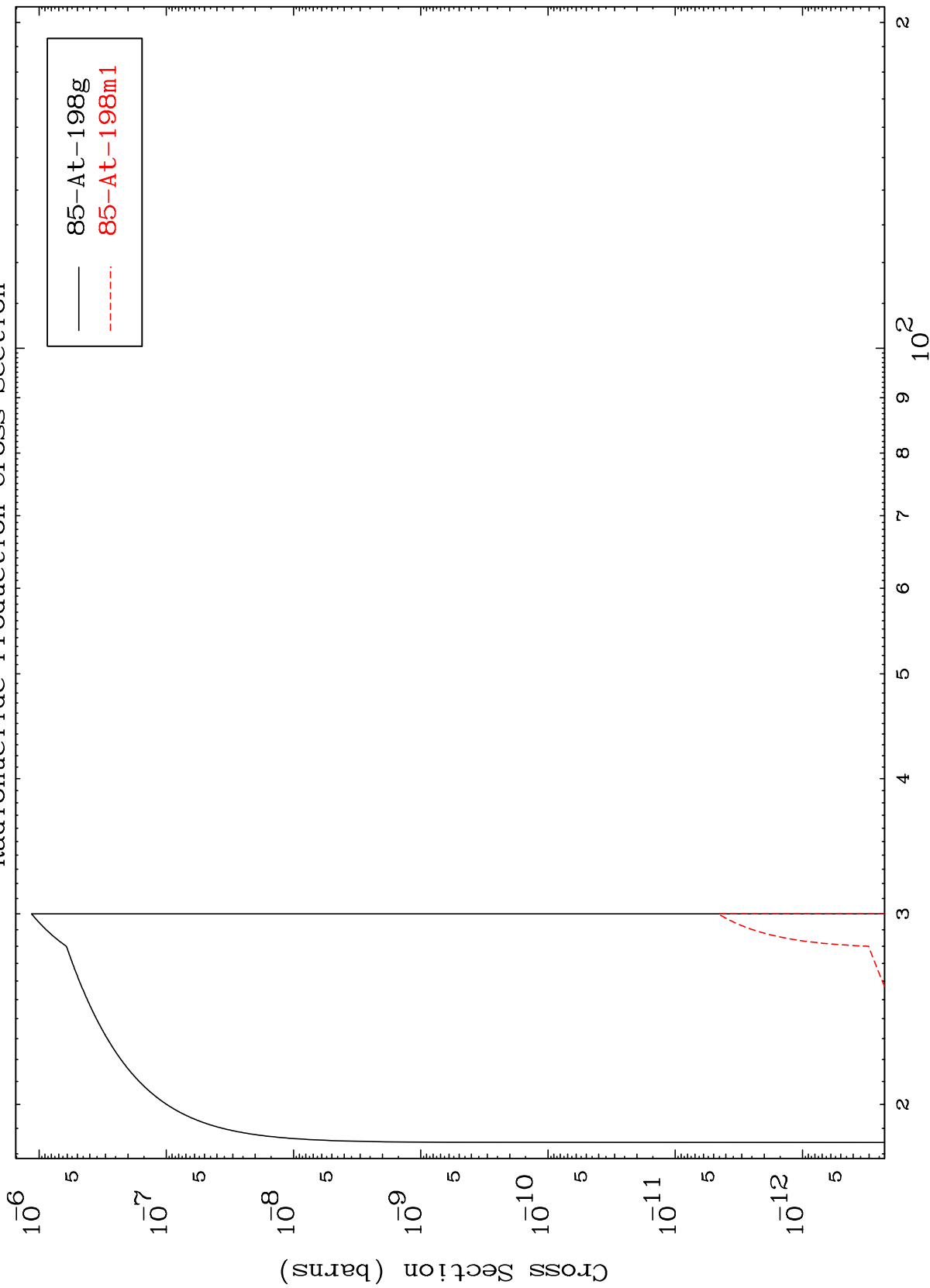
85-At-200

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$(\alpha, 2n) \alpha$

85-At-200

Radionuclide Production Cross Section



11

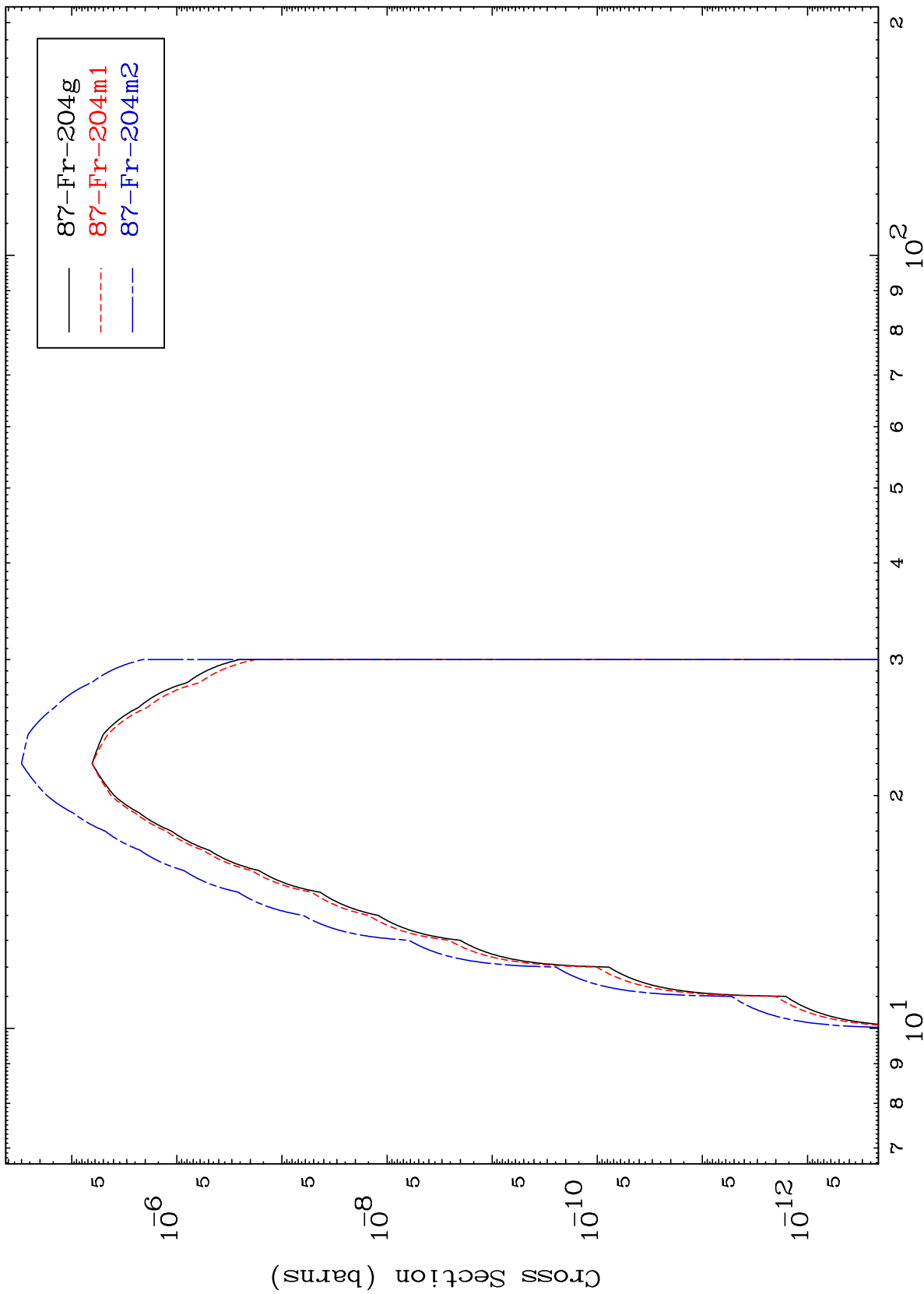
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

(α, γ)
Radionuclide Production Cross Section



12

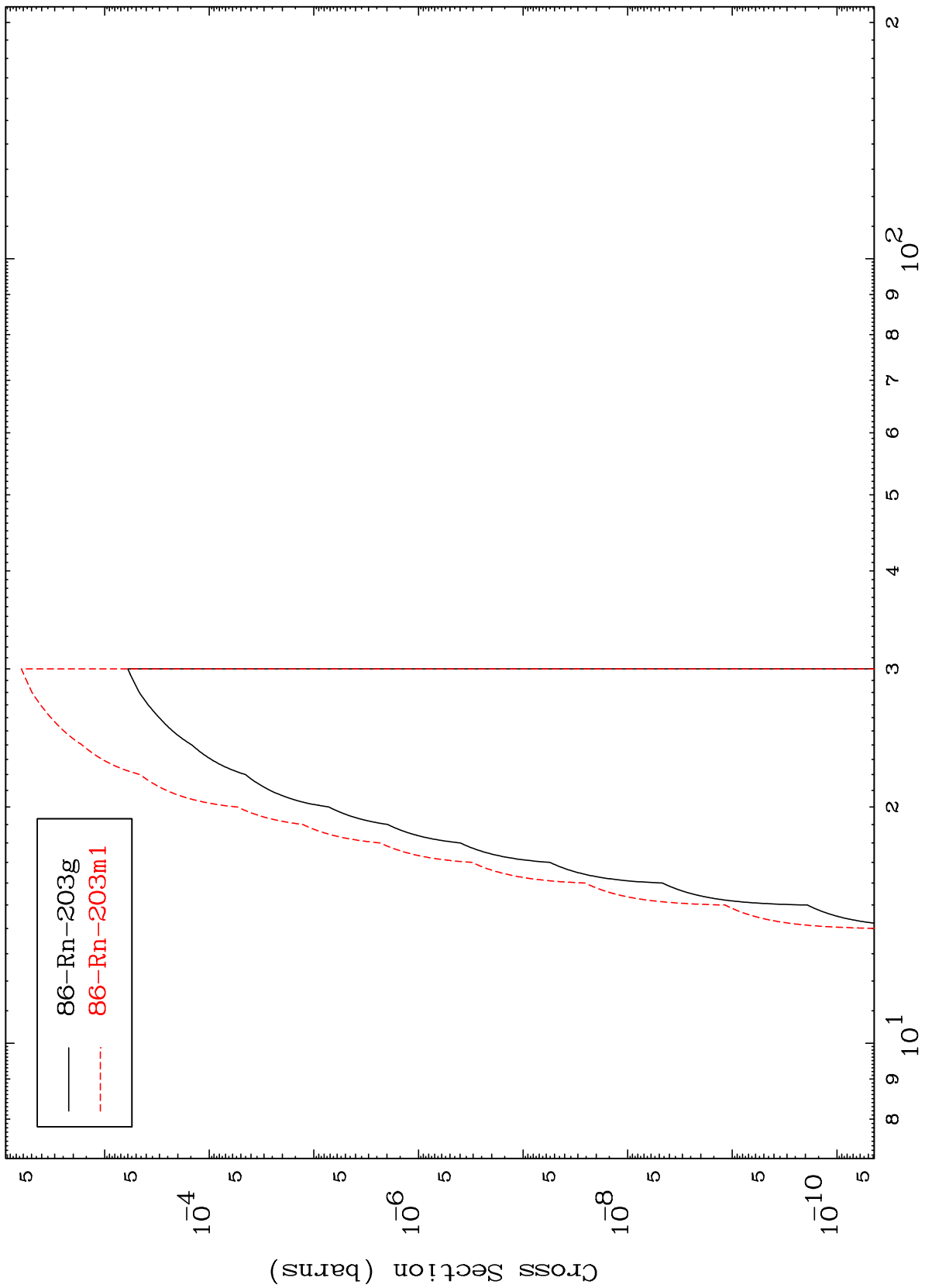
Incident Energy (MeV)

85-At-200

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85-At-200

(α, p)
Radionuclide Production Cross Section



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

85-At-200

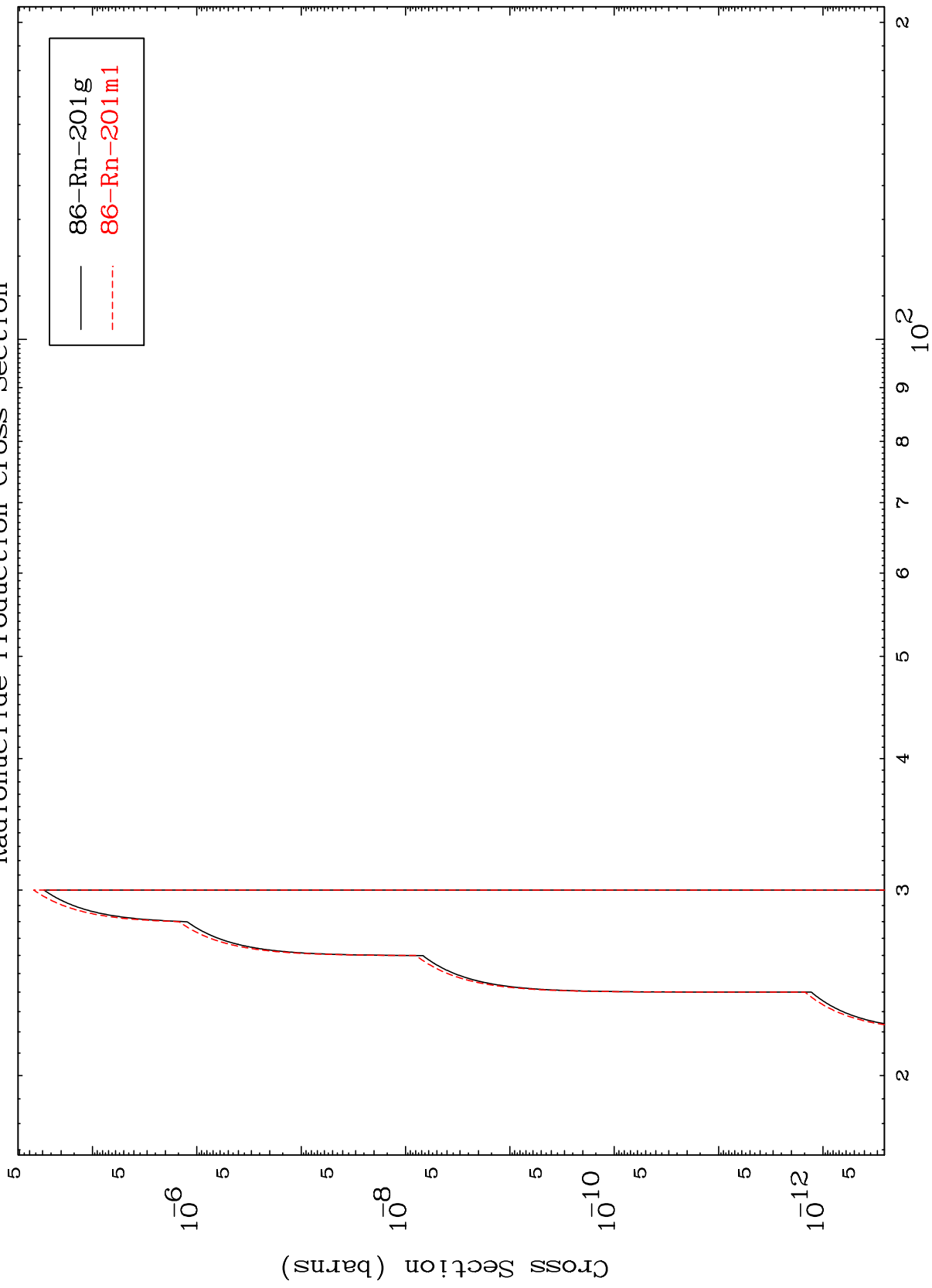
Incident Energy (MeV)

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85-At-200

(α, t)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

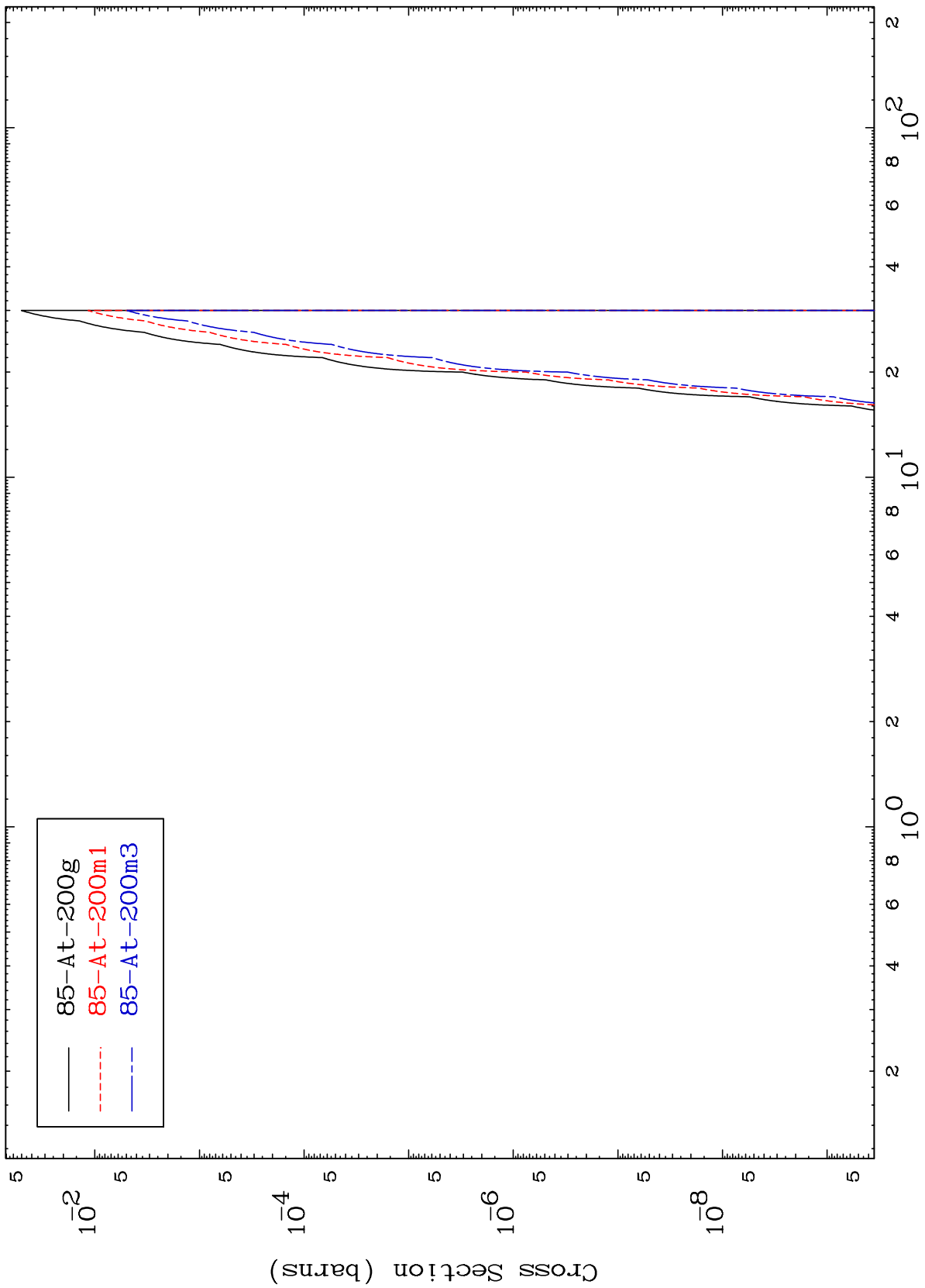
85-At-200

MAT 8518

85-At-200

(α, α)

Radionuclide Production Cross Section



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

15

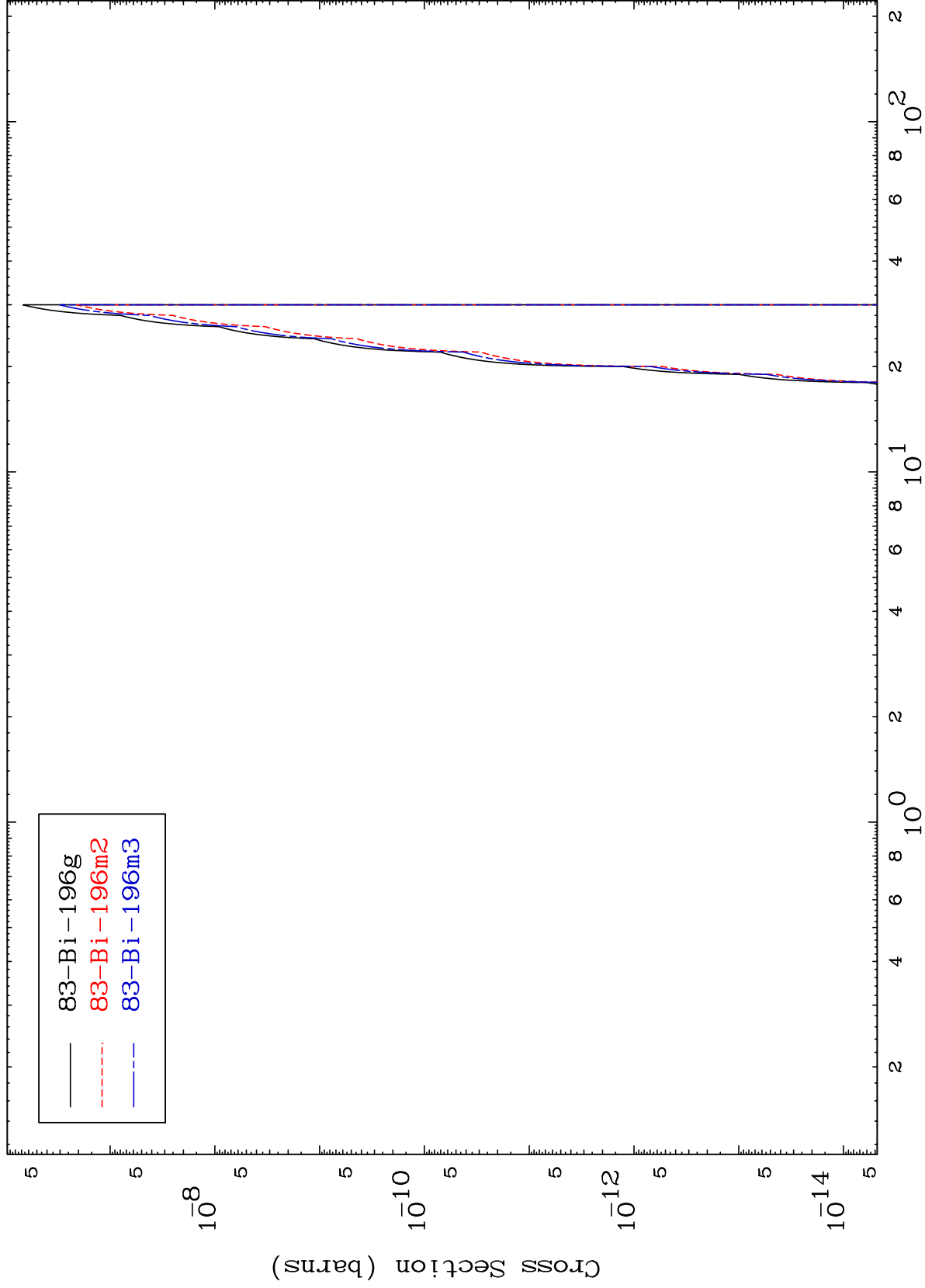
85-At-200

Incident Energy (MeV)

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85-At-200

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



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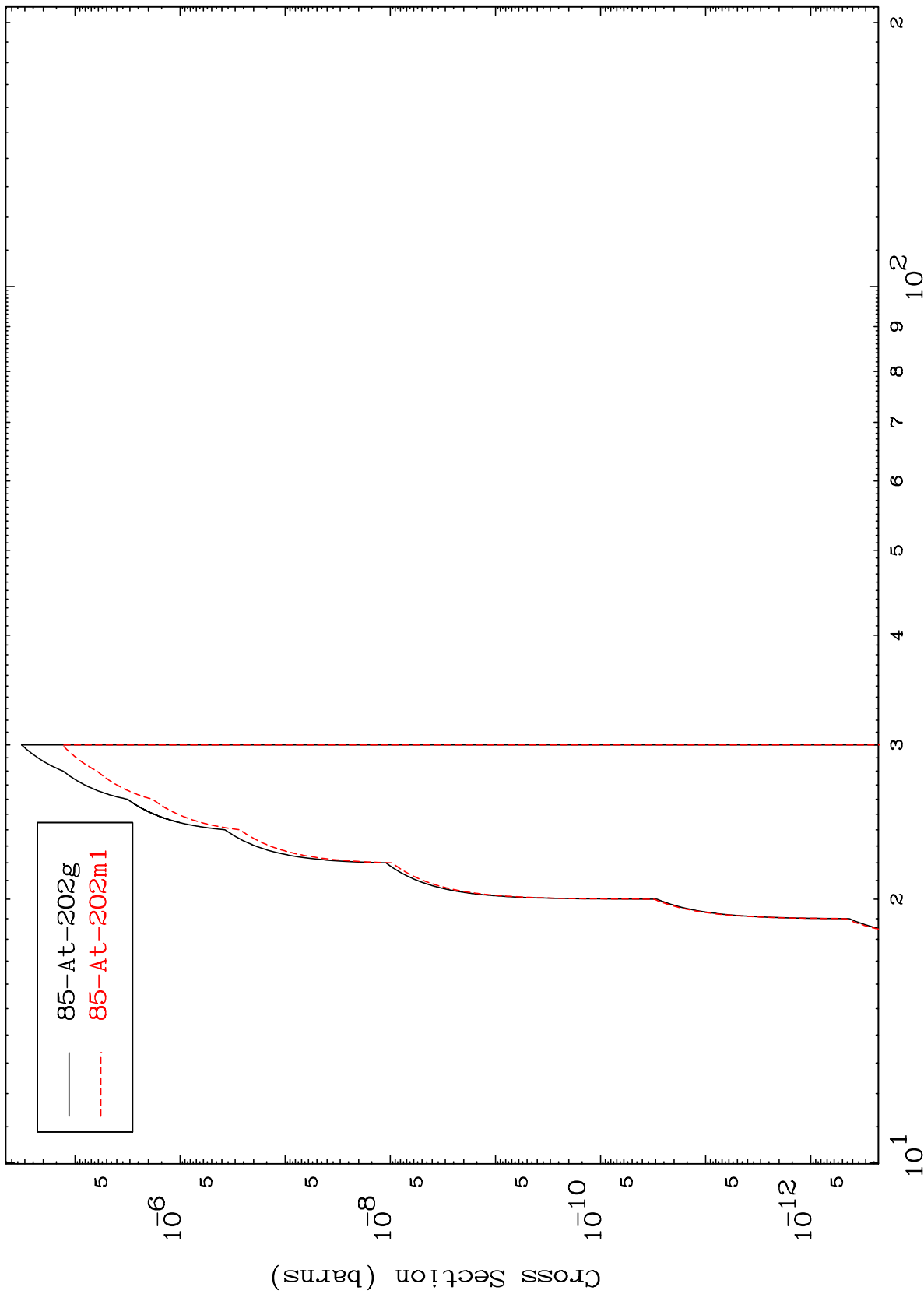
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

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



85-At-200

Incident Energy (MeV)

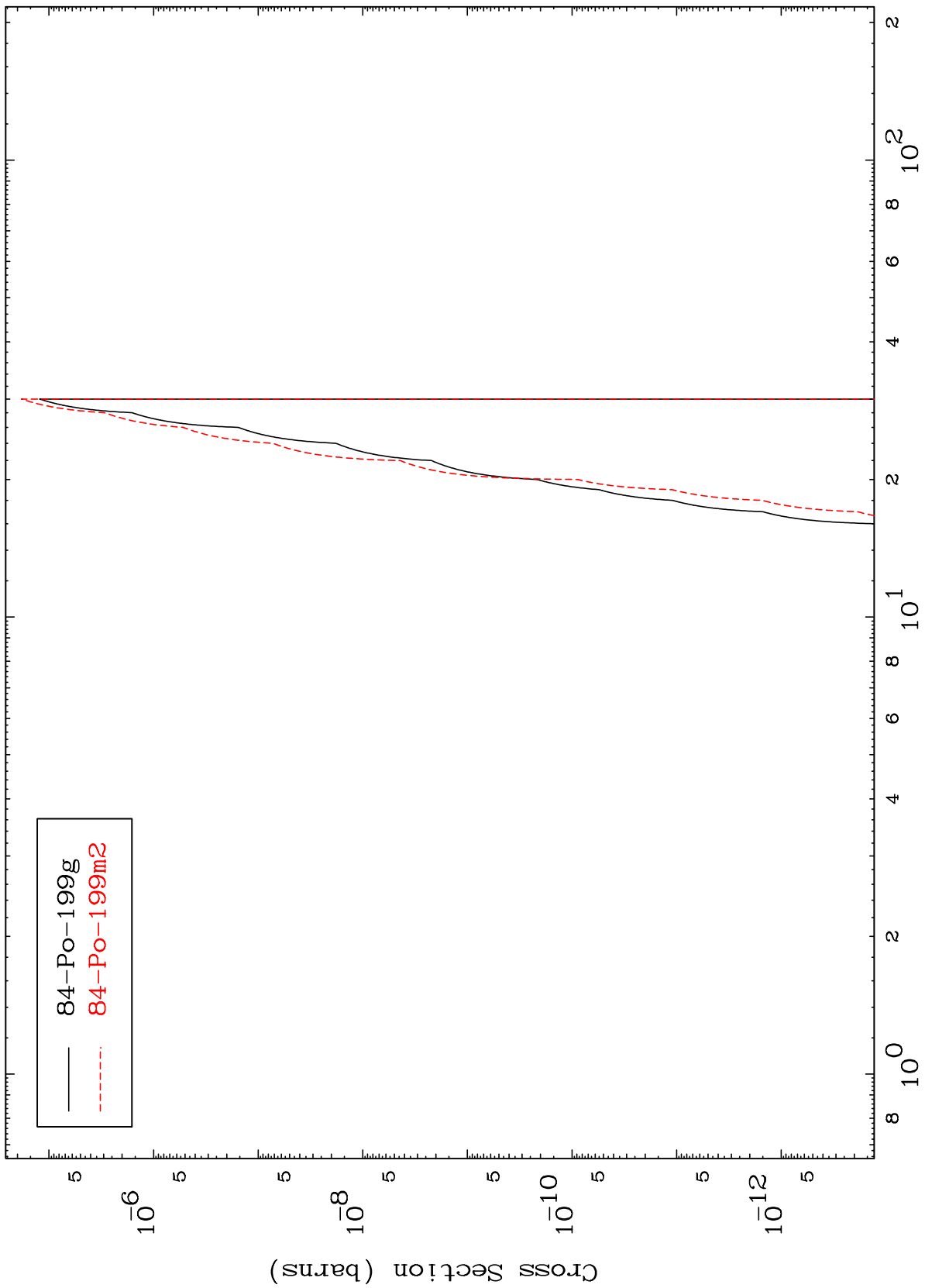
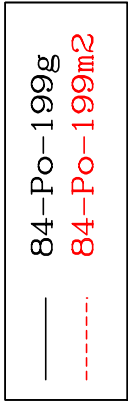
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MAT 8518

(α, p) α

85-At-200

Radionuclide Production Cross Section



18

Incident Energy (MeV)

85-At-200