

Program EVALPLOT
(Version 2021-1)

by

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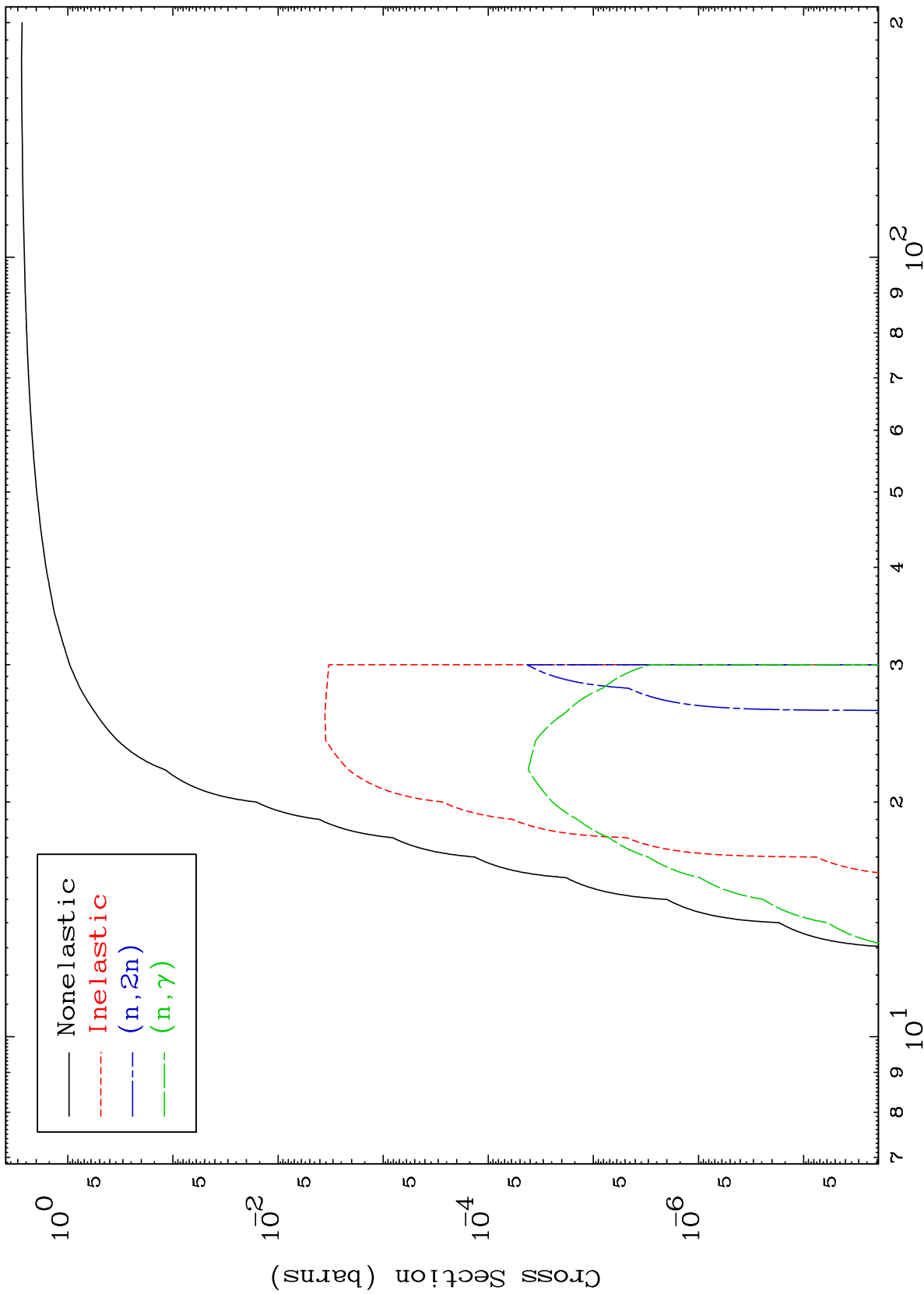
Press Mouse Button to Start

MAT 8517

α Major

85-At-200m

0 Kelvin Cross Sections



Incident Energy (MeV)

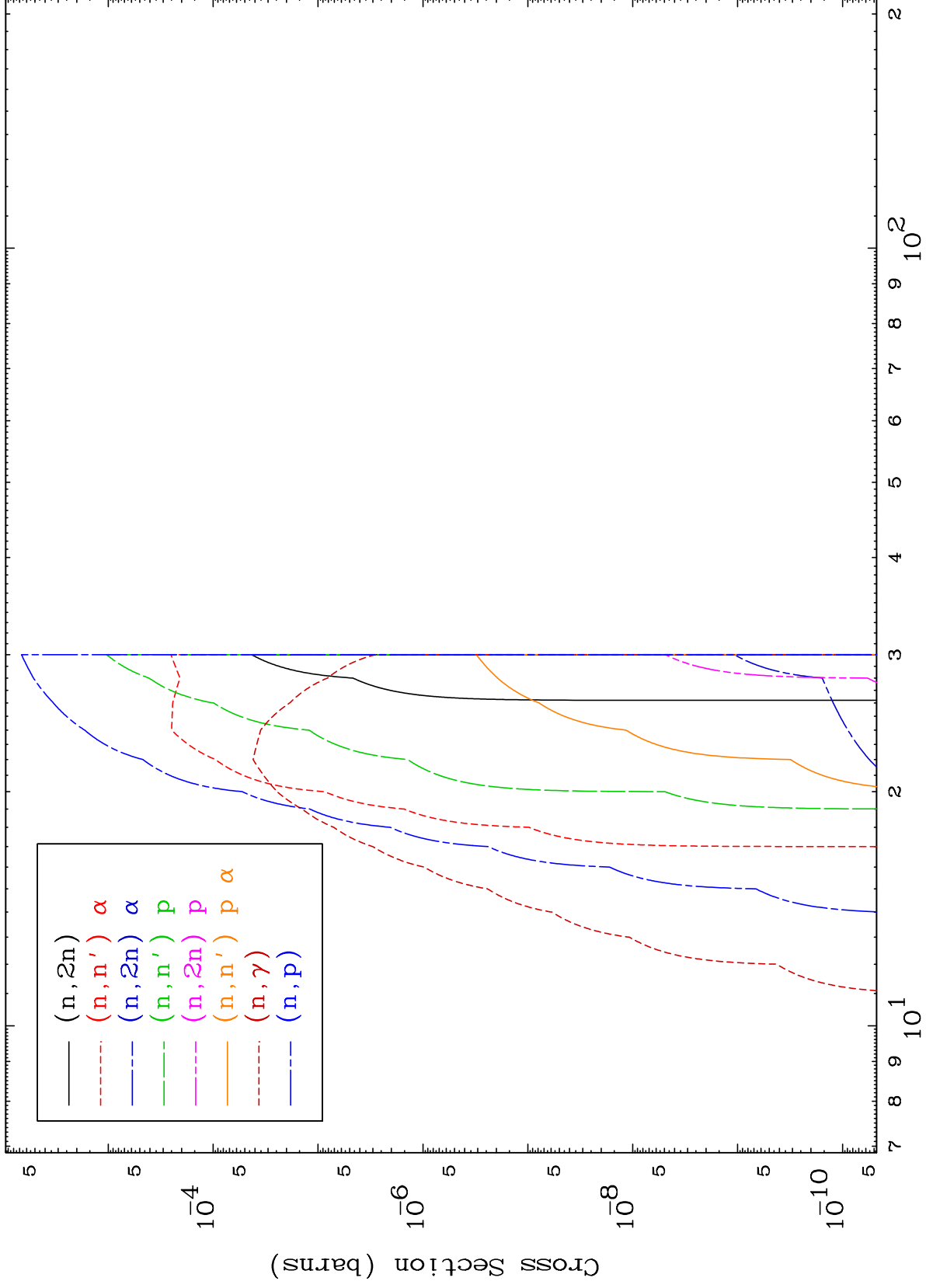
85-At-200m

1

MAT 8517

α Neutron Absorption
0 Kelvin Cross Sections

85-At-200m



2

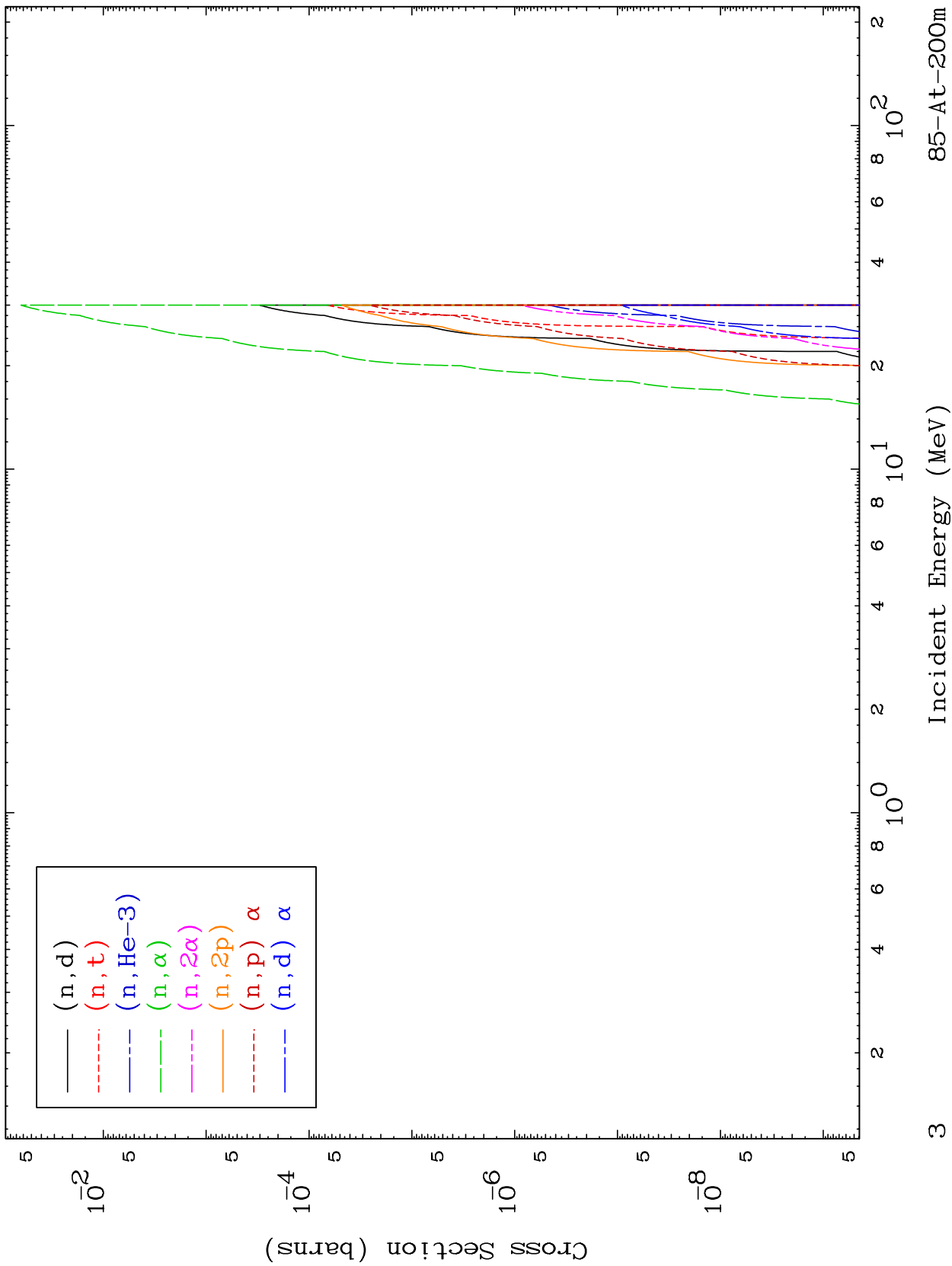
Incident Energy (MeV)

85-At-200m

MAT 8517

α Neutron Absorption
0 Kelvin Cross Sections

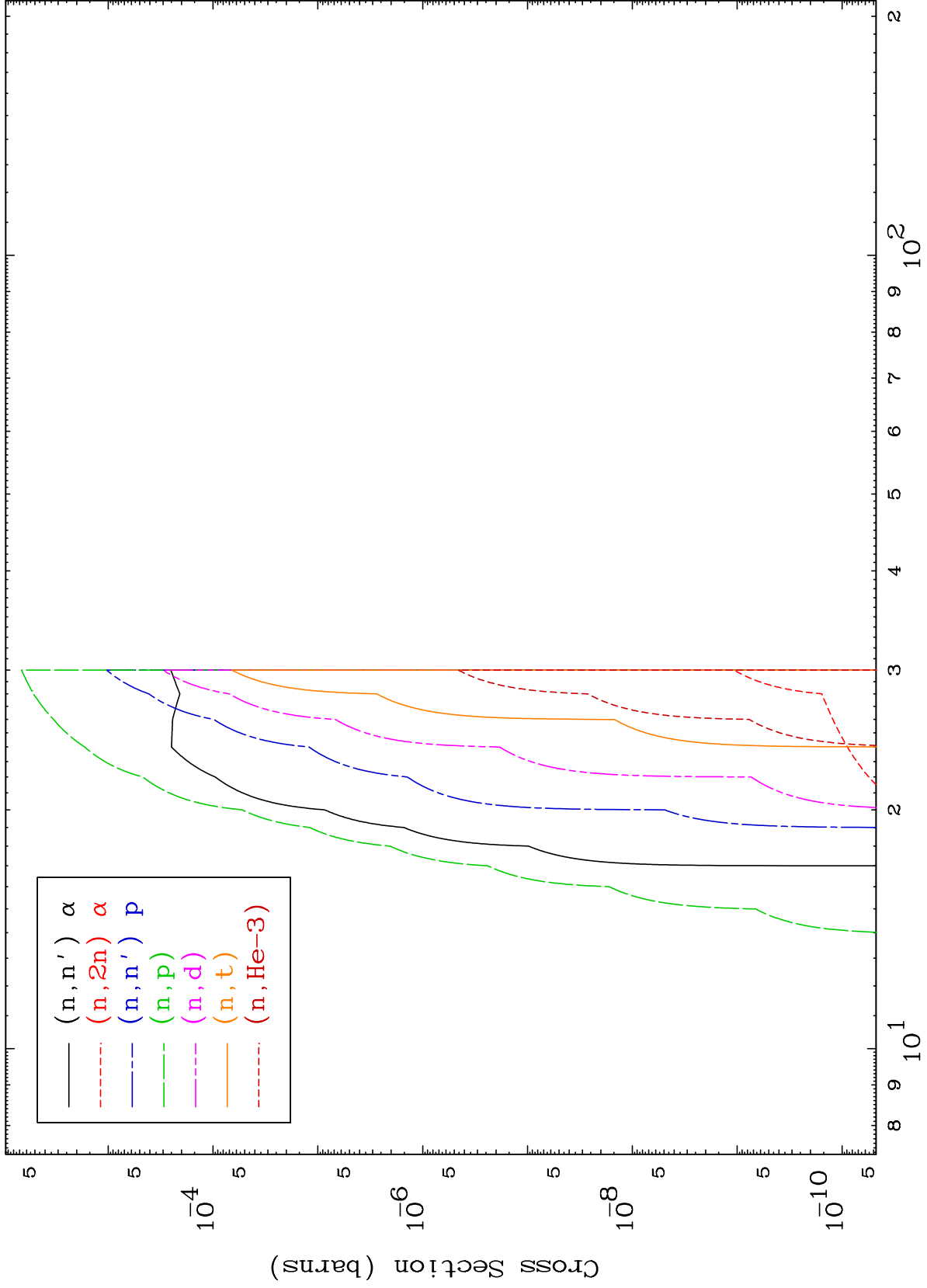
85-At-200m



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α Charged Particle
0 Kelvin Cross Sections

85-At-200m



4

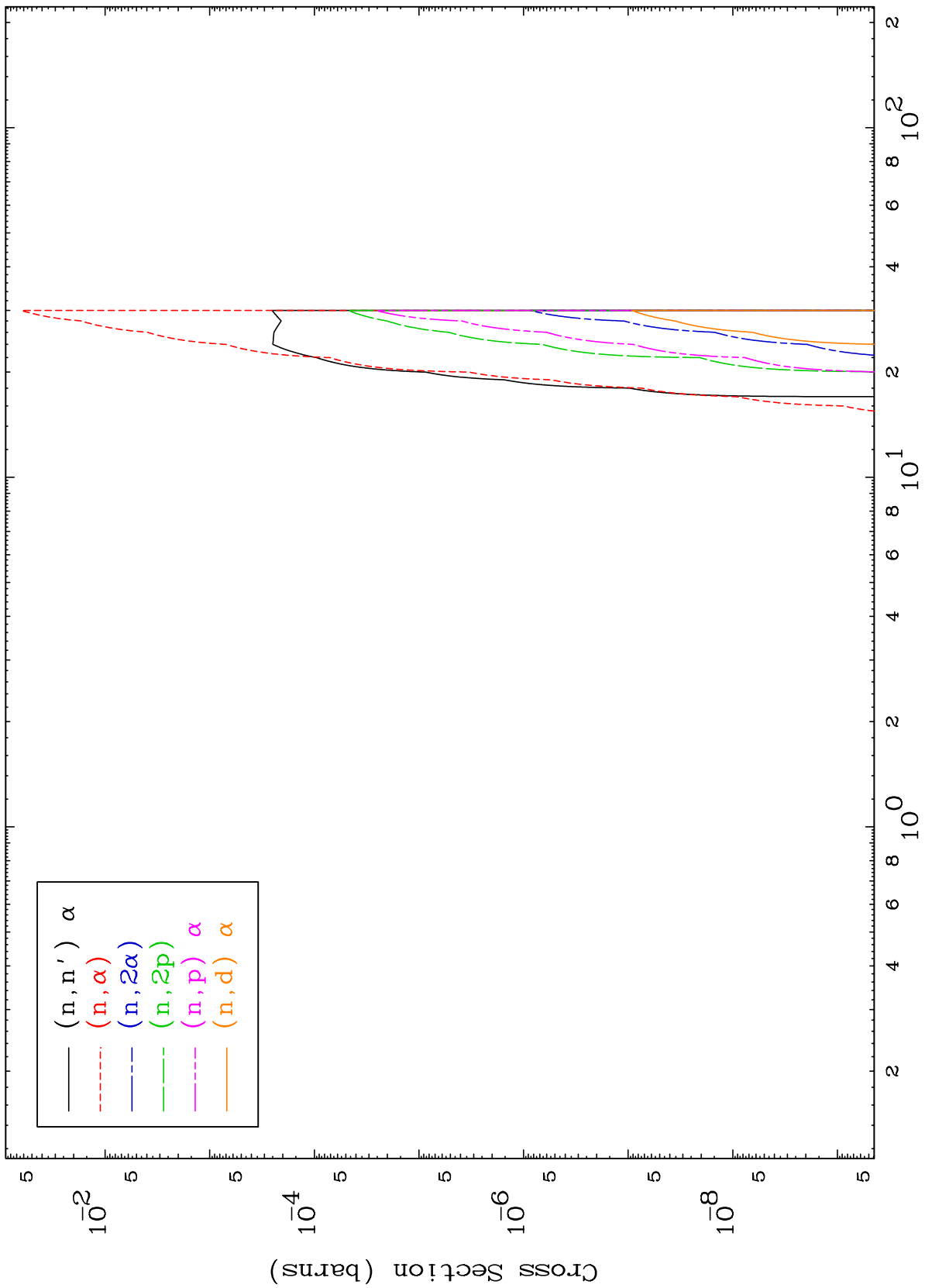
Incident Energy (MeV)

85-At-200m

MAT 8517

α Charged Particle
0 Kelvin Cross Sections

85-At-200m

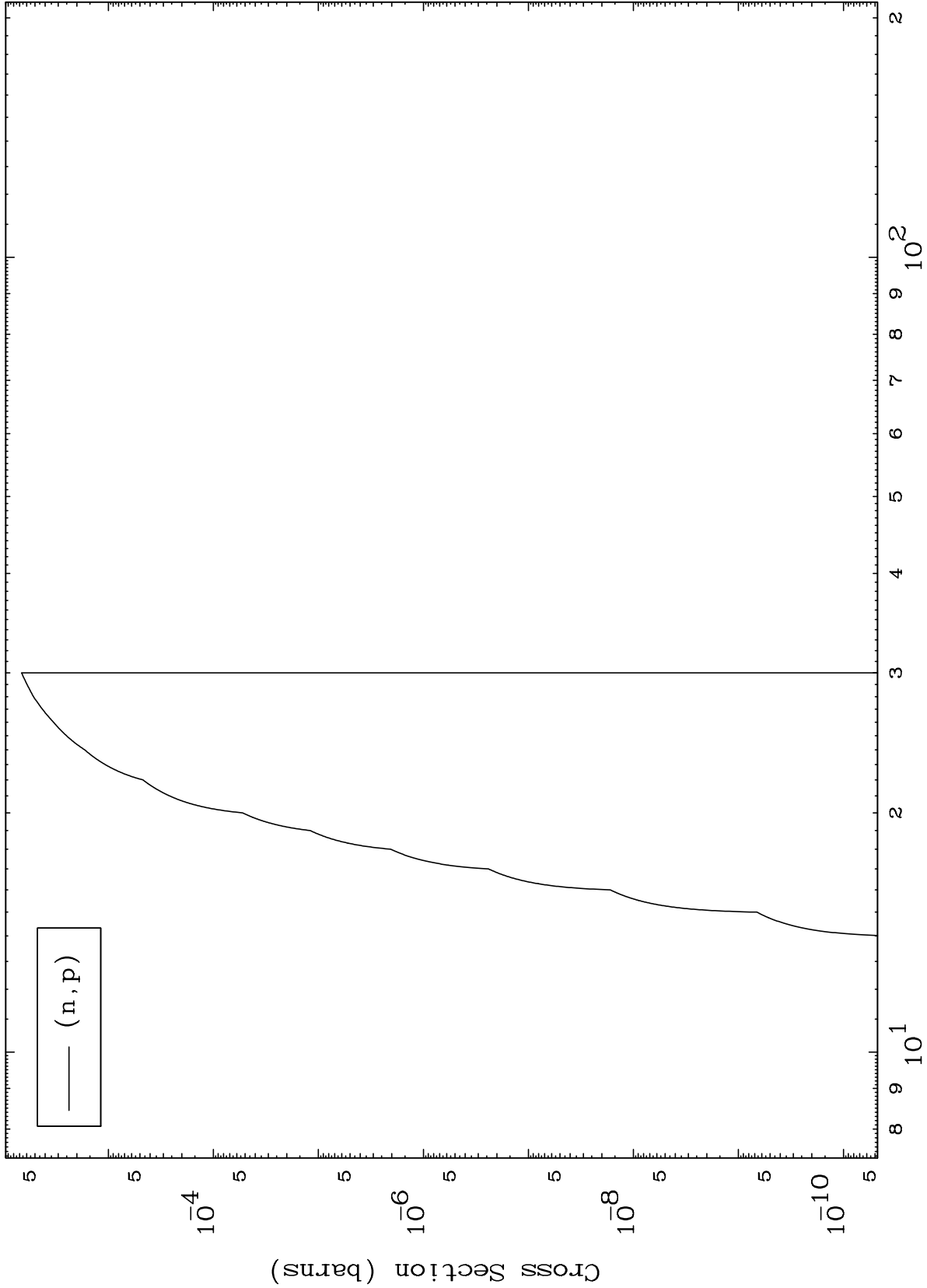


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(α, p) Levels

85-At-200m

0 Kelvin Cross Sections



6

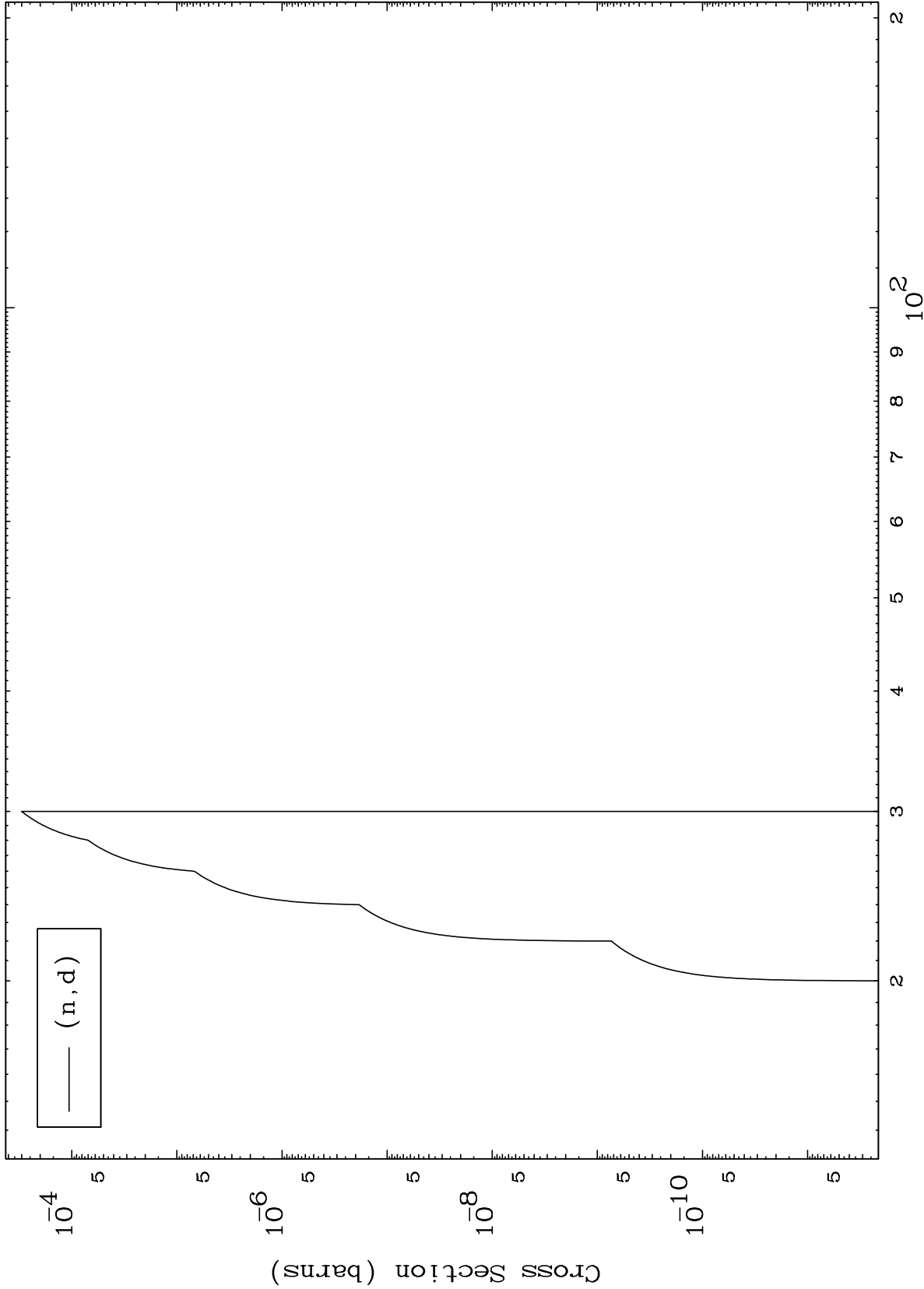
Incident Energy (MeV)

85-At-200m

MAT 8517

(α, d) Levels
0 Kelvin Cross Sections

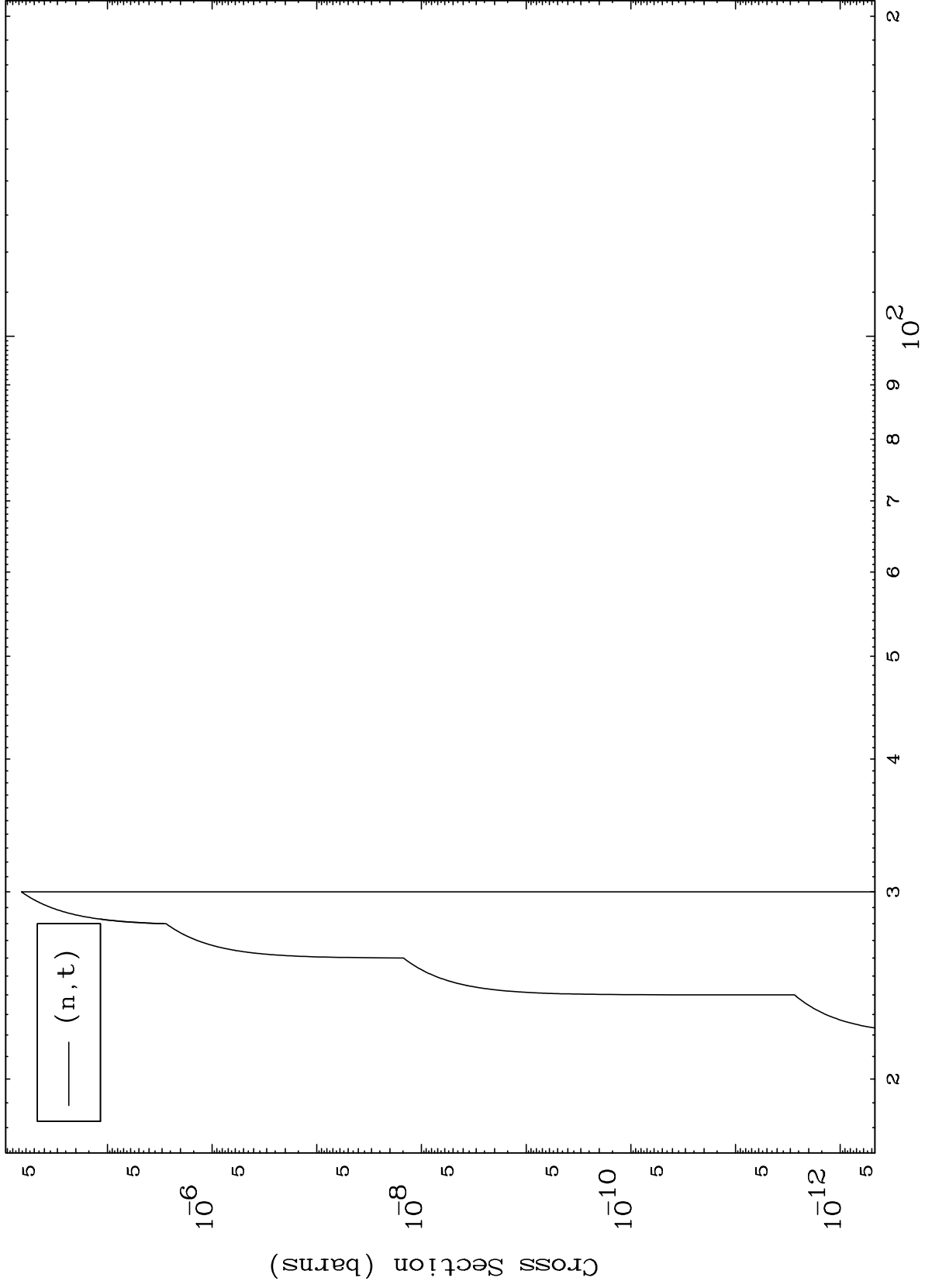
85-At-200m



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(α, t) Levels
0 Kelvin Cross Sections

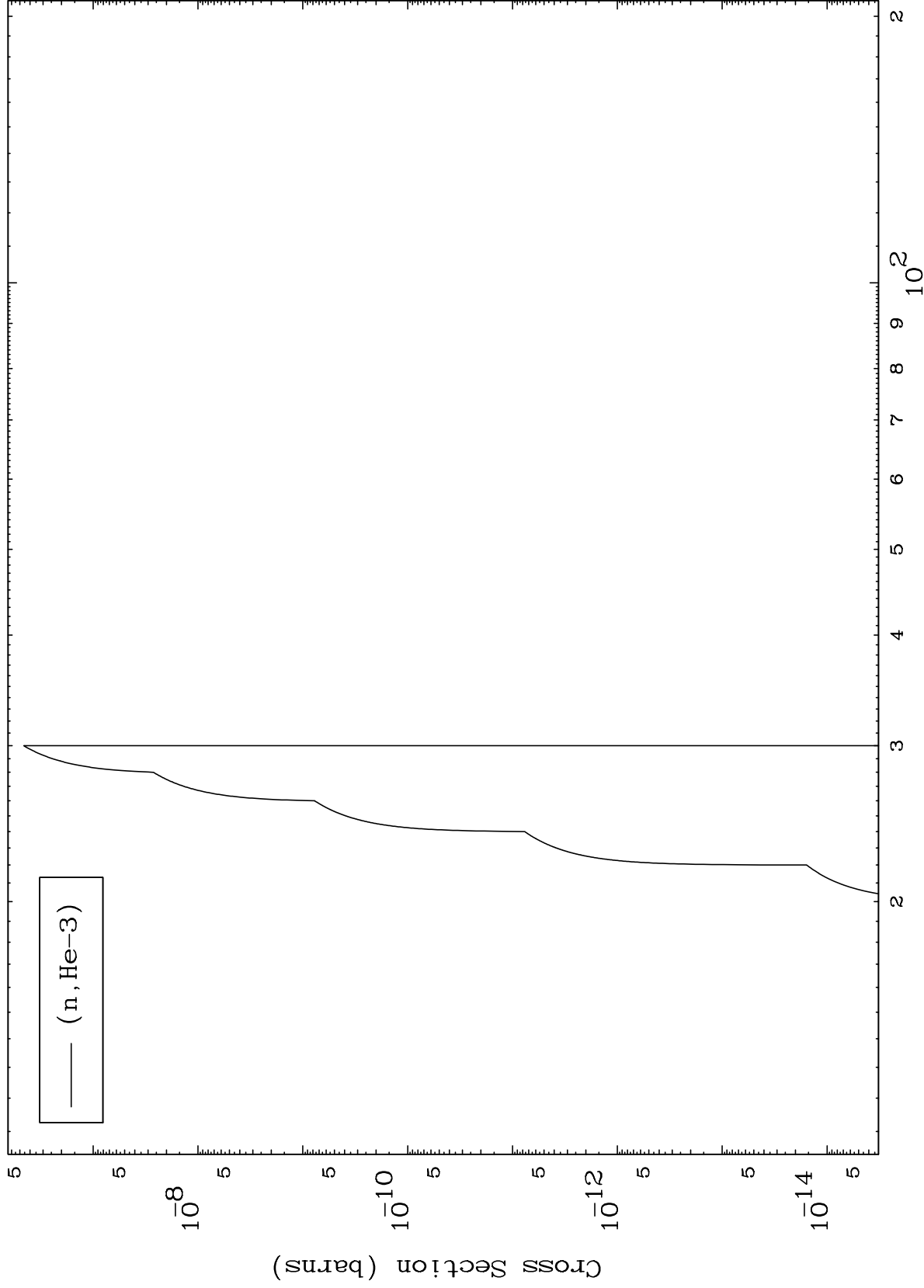
85-At-200m



8

Incident Energy (MeV)

85-At-200m

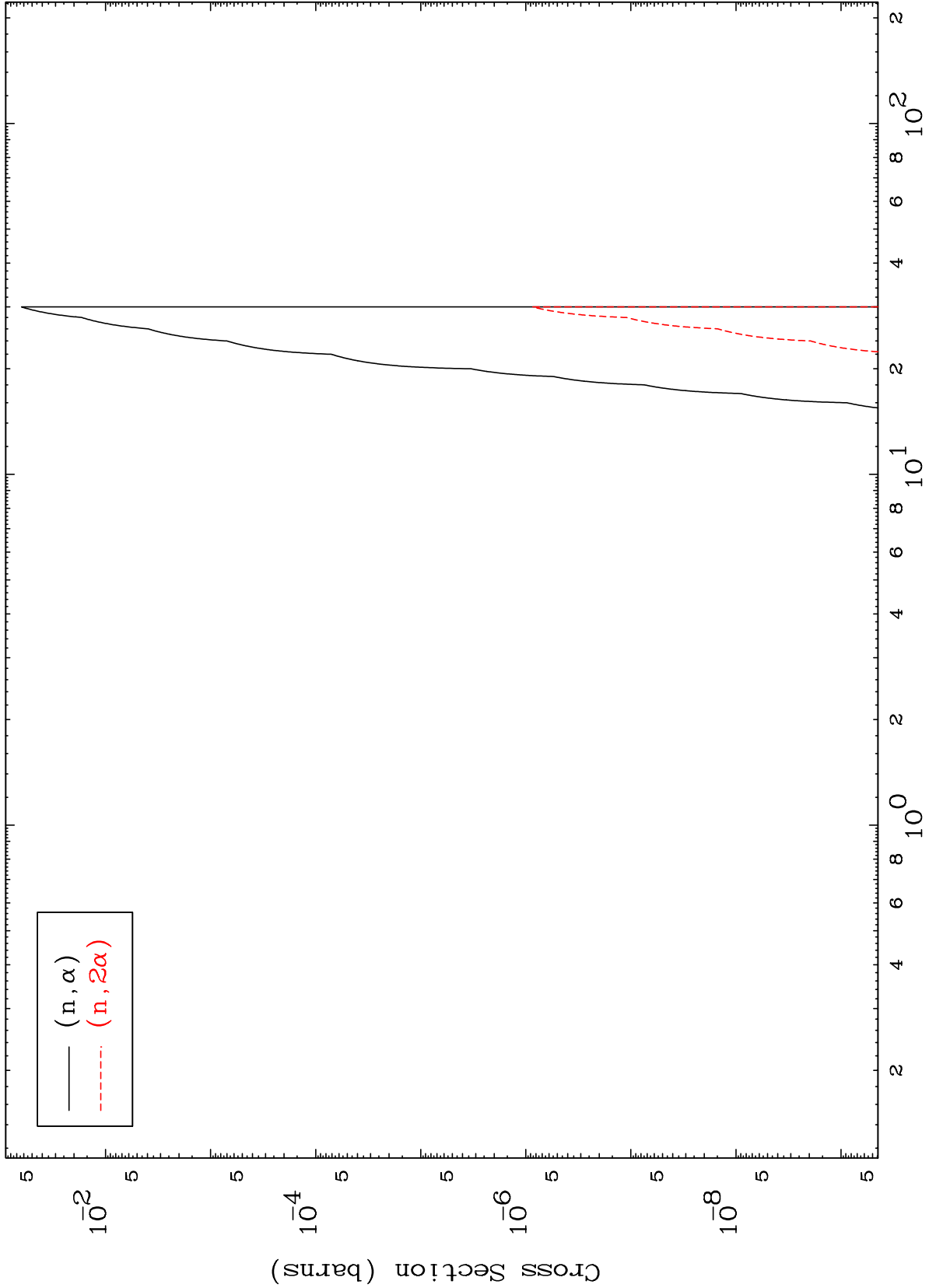


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(α, α) Levels

85-At-200m

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

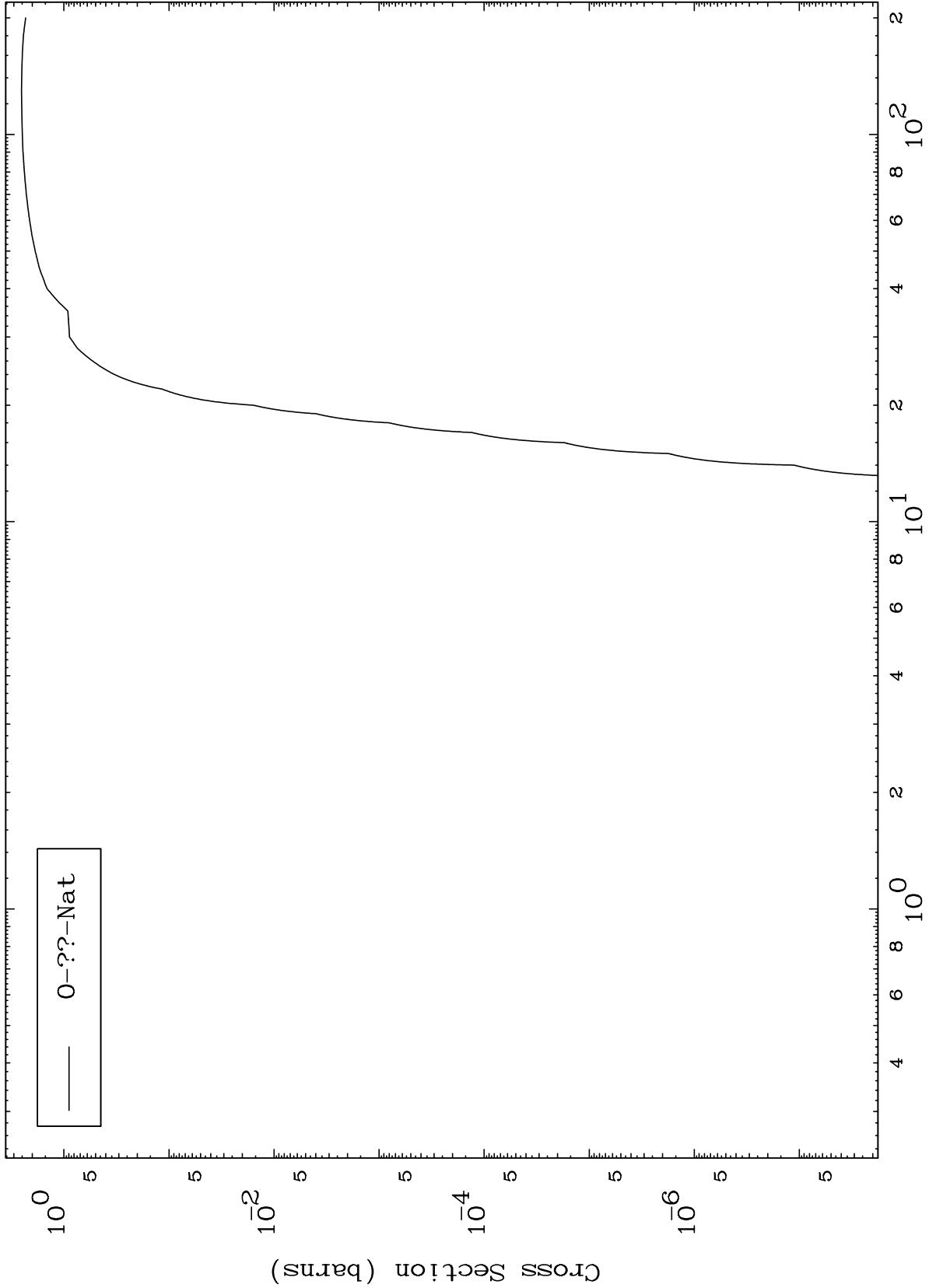
85-At-200m

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Fission

85-At-200m

Radionuclide Production Cross Section

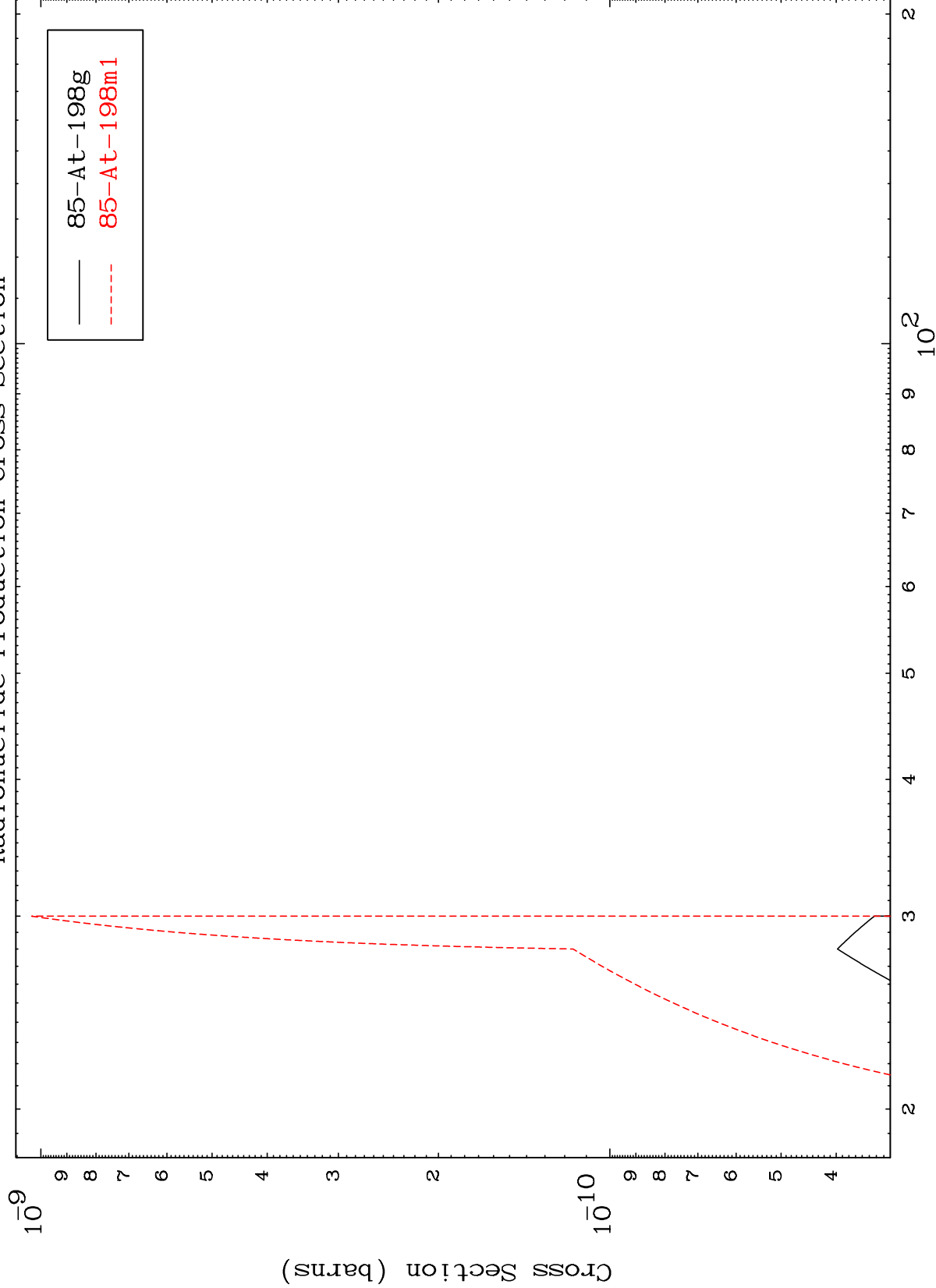


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$(n,2n) \alpha$

85-At-200m

Radionuclide Production Cross Section



12

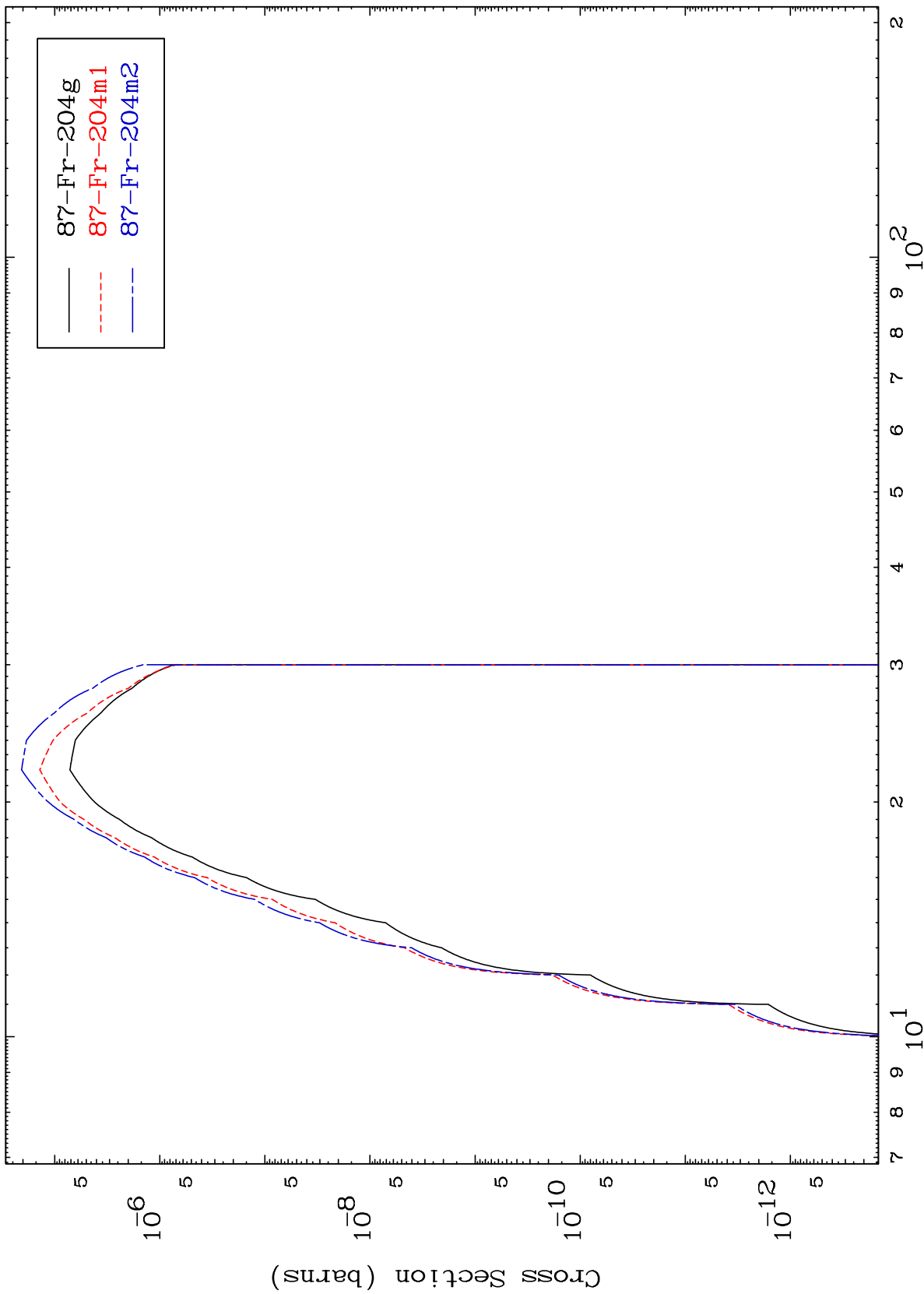
Incident Energy (MeV)

85-At-200m

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85-At-200m

(n,γ)
Radionuclide Production Cross Section



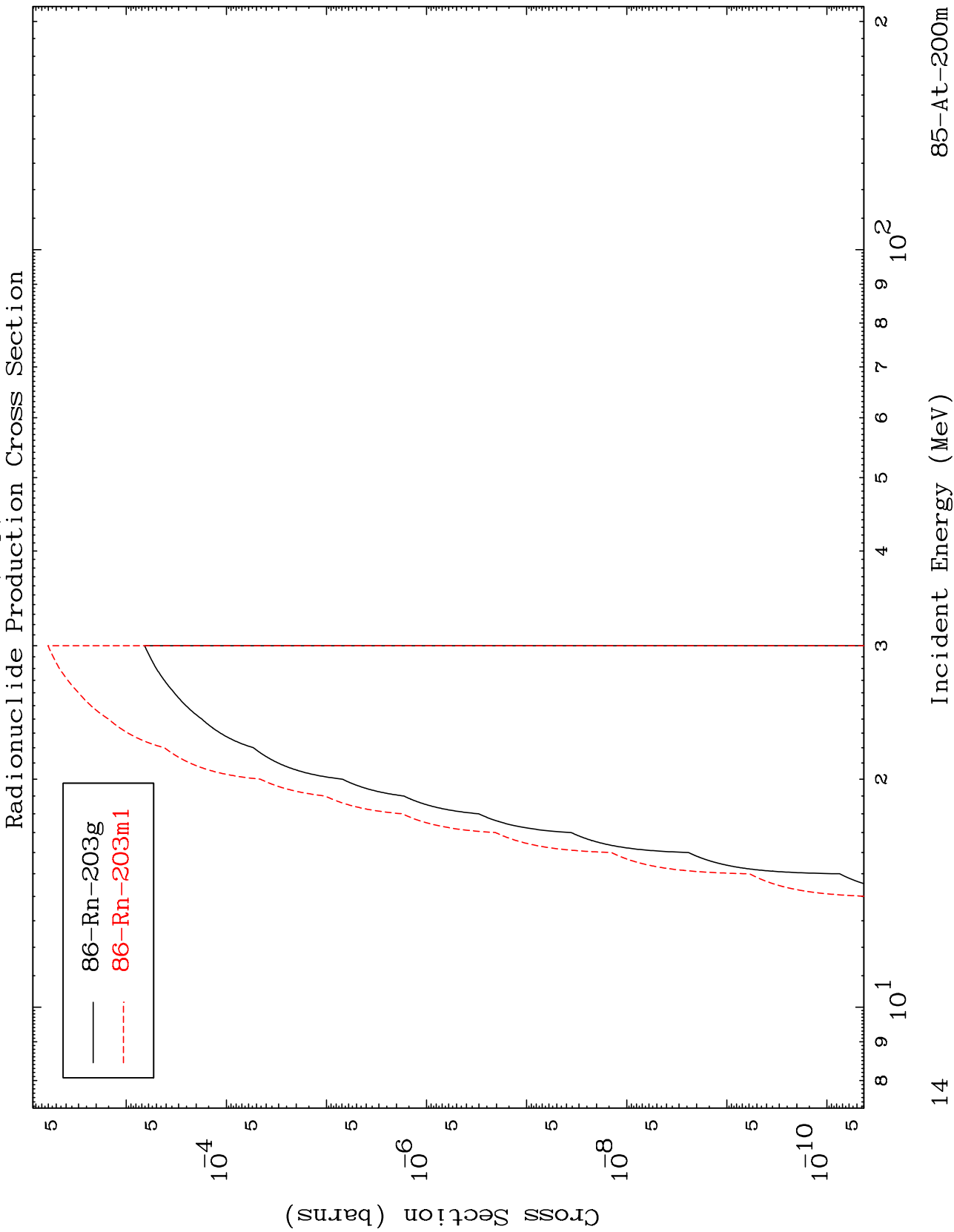
13

Incident Energy (MeV)

85-At-200m

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85-At-200m



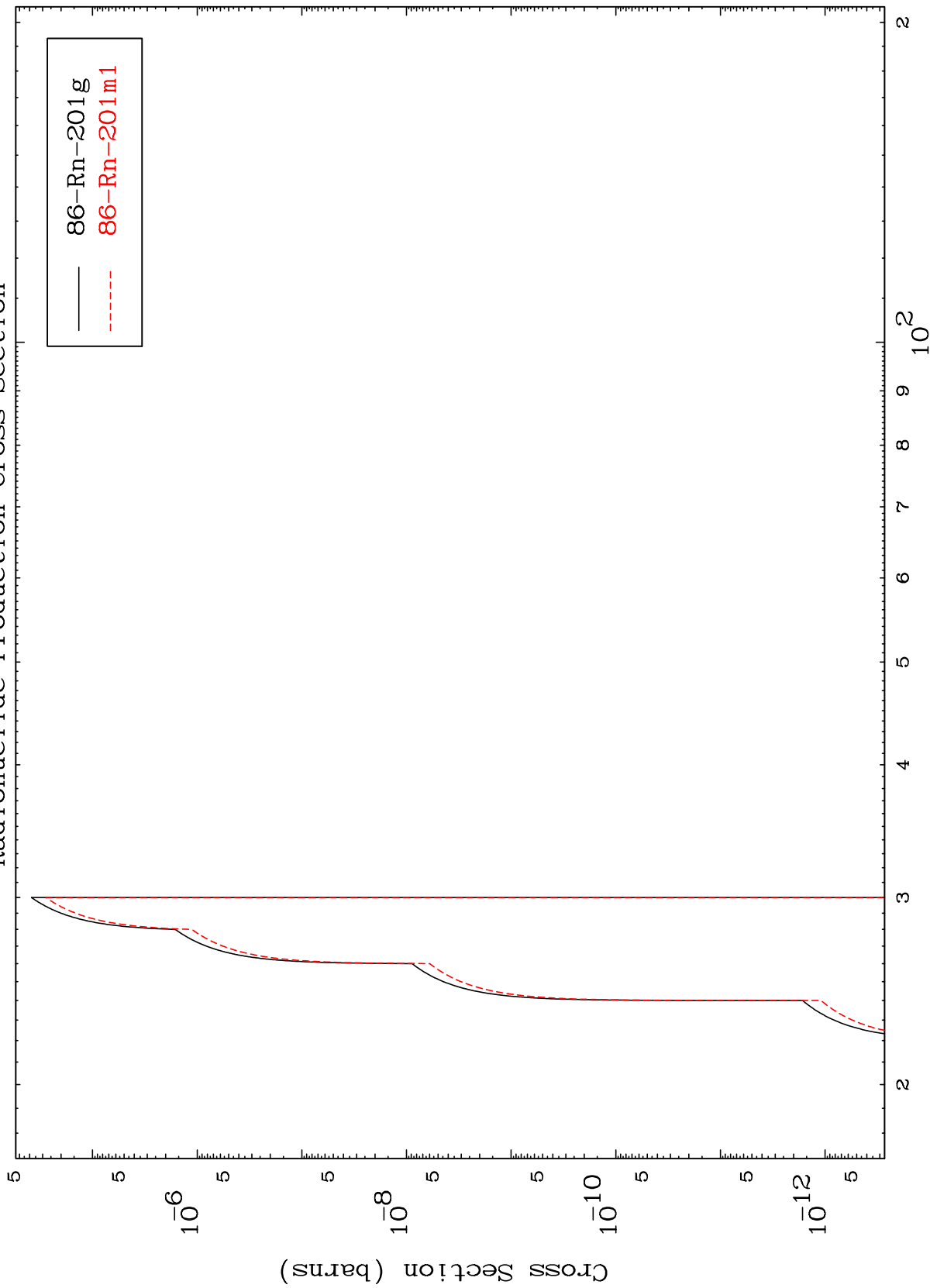
14

85-At-200m

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85-At-200m

(n,t)
Radionuclide Production Cross Section



15

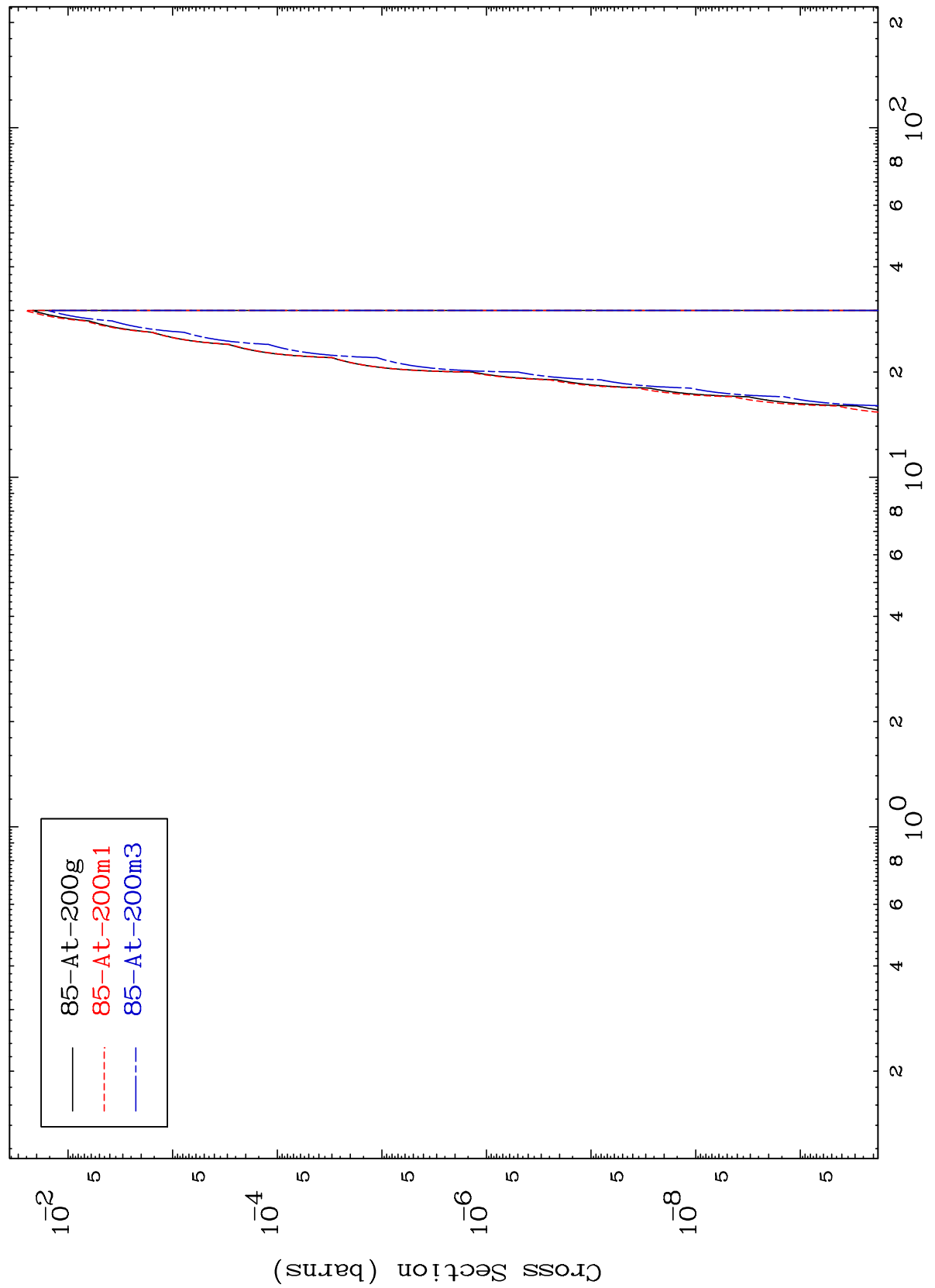
Incident Energy (MeV)

85-At-200m

MAT 8517

85-At-200m

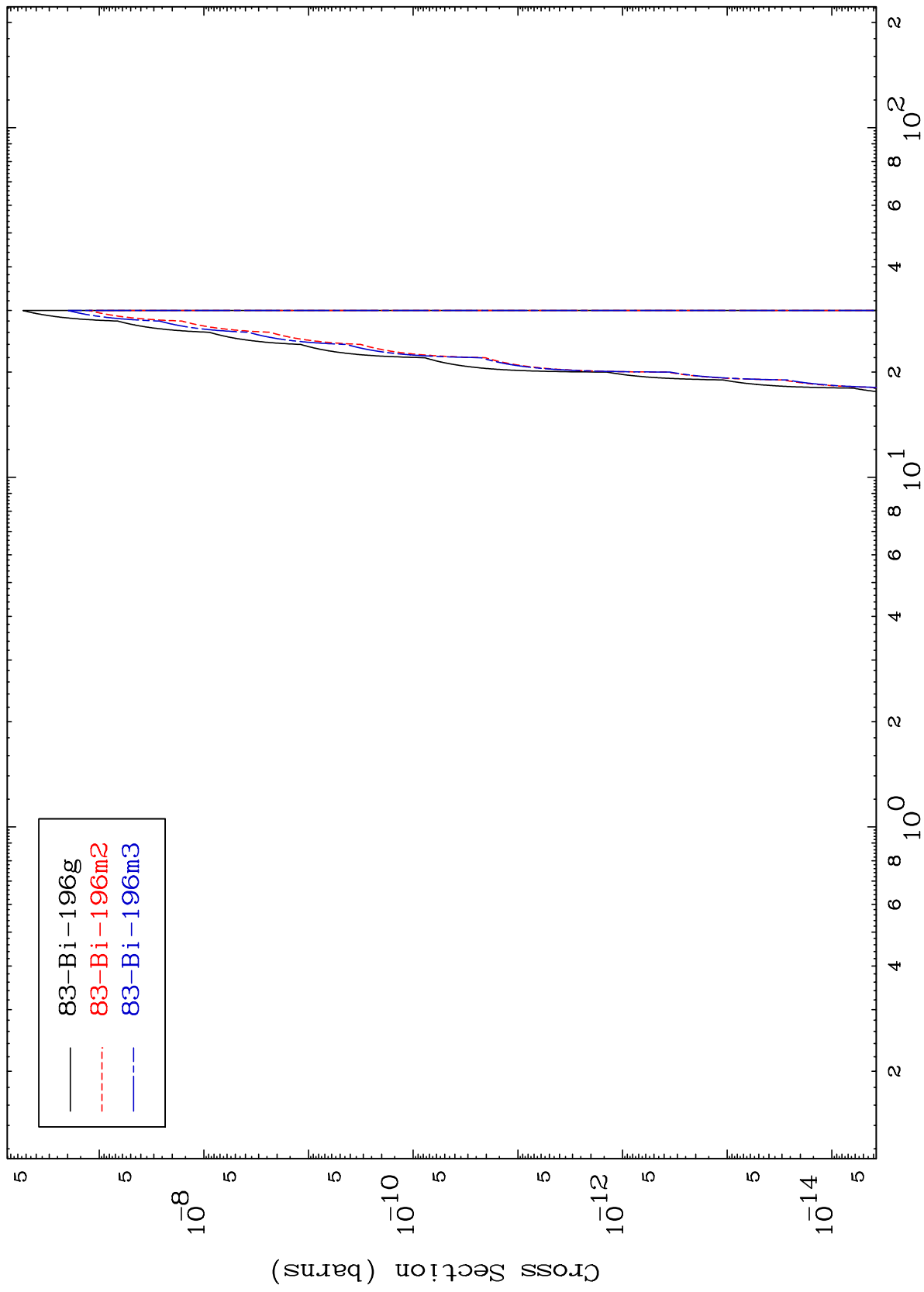
Radionuclide Production Cross Section
(n, α)



MAT 8517

85-At-200m

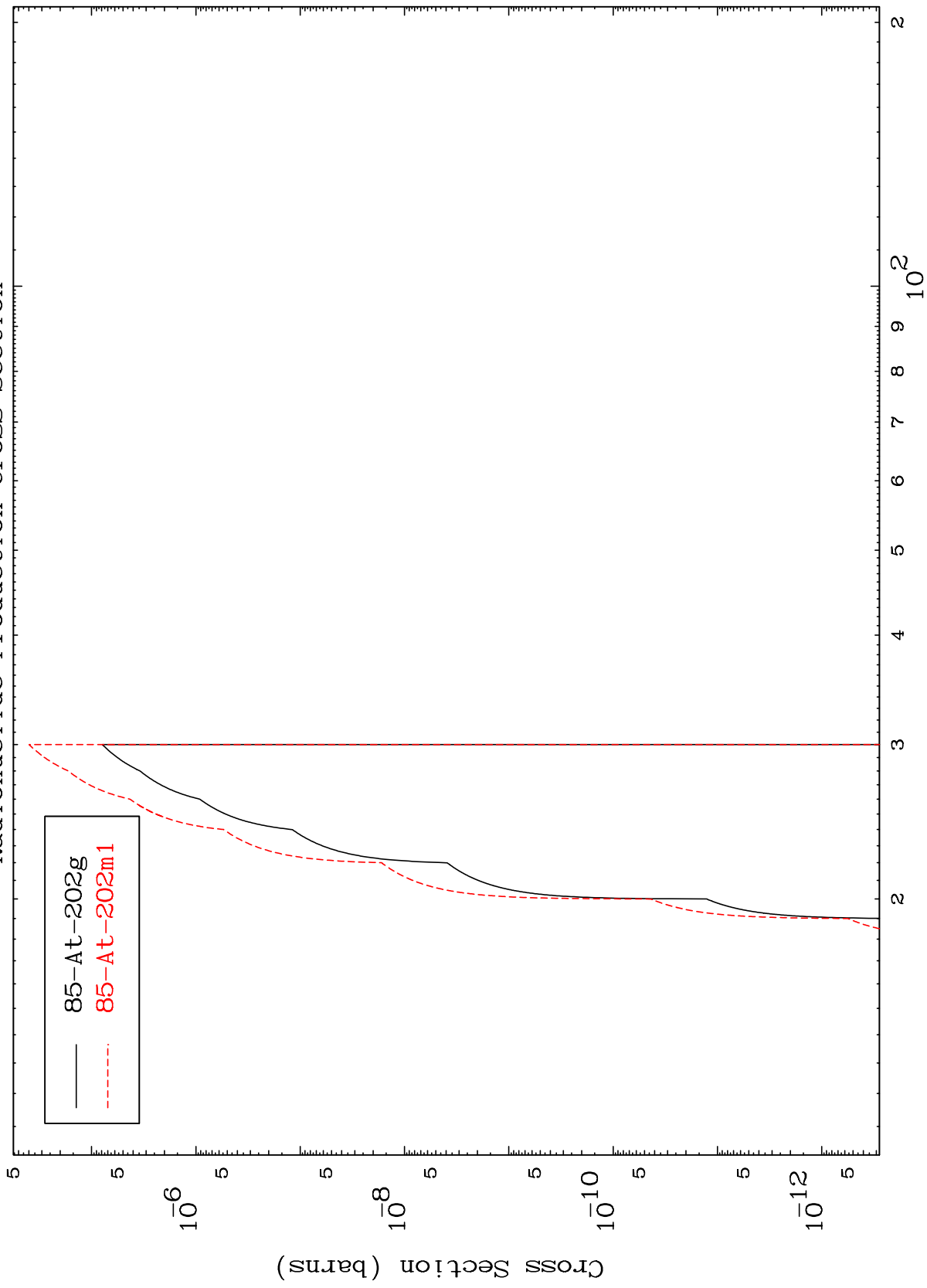
Radionuclide Production Cross Section
(n,2 α)



MAT 8517

85-At-200m

(n,2p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

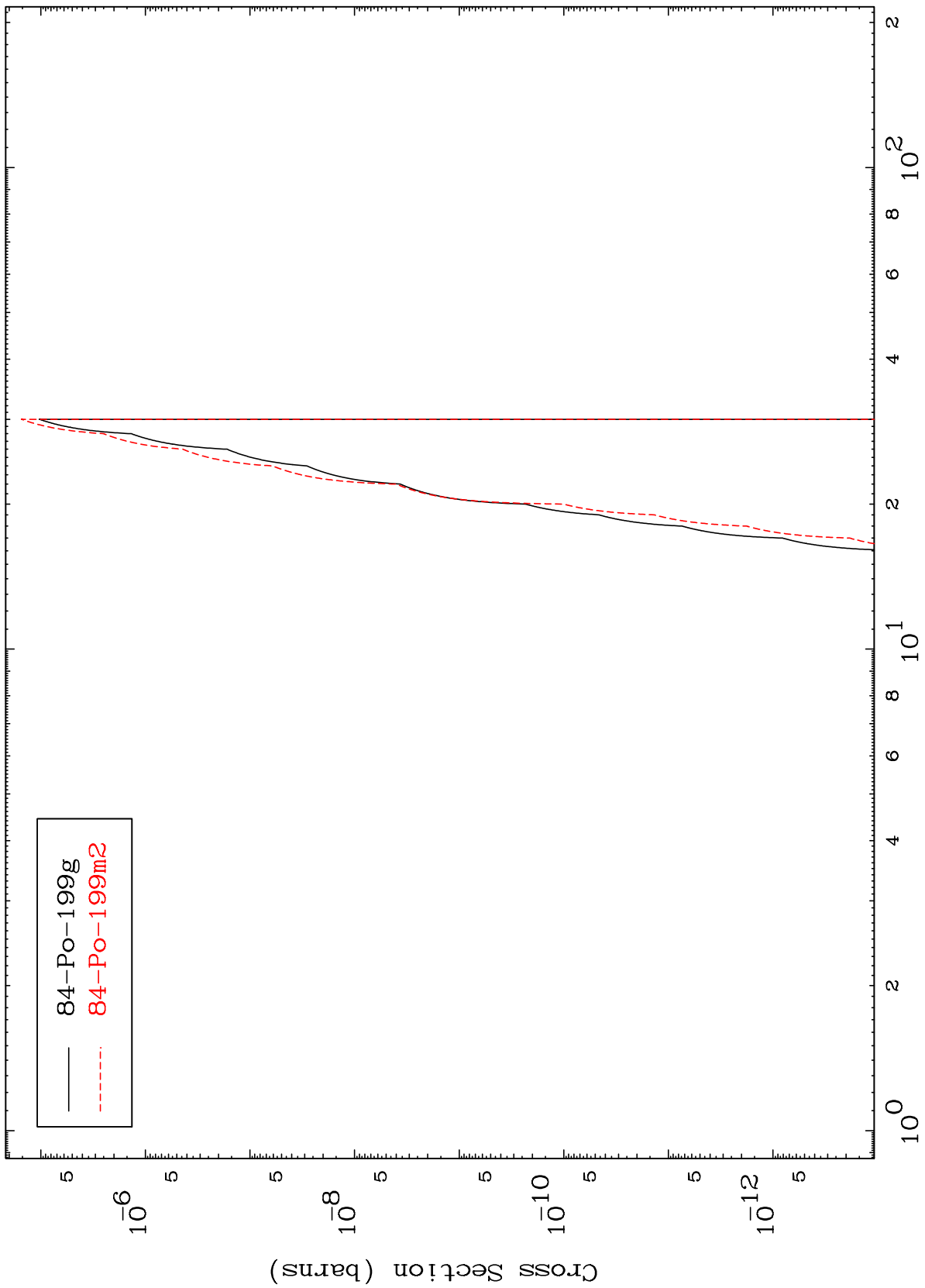
85-At-200m

MAT 8517

(n,p) α

85-At-200m

Radionuclide Production Cross Section



84-Po-199g
84-Po-199m2

Incident Energy (MeV)

85-At-200m