

Program EVALPLOT
(Version 2021-1)

by

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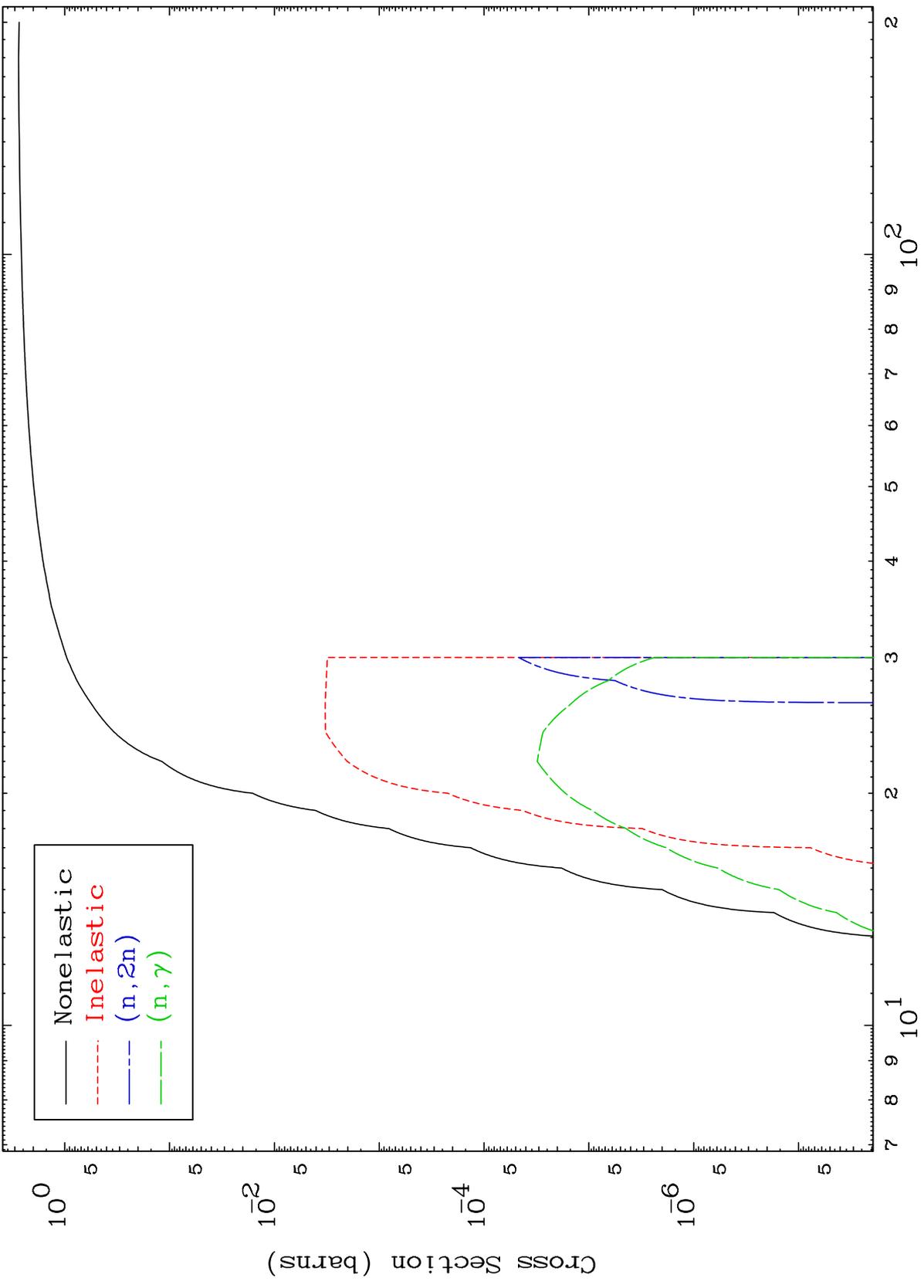
Press Mouse Button to Start

MAT 8517

α Major

85-At-200m

0 Kelvin Cross Sections



Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

1

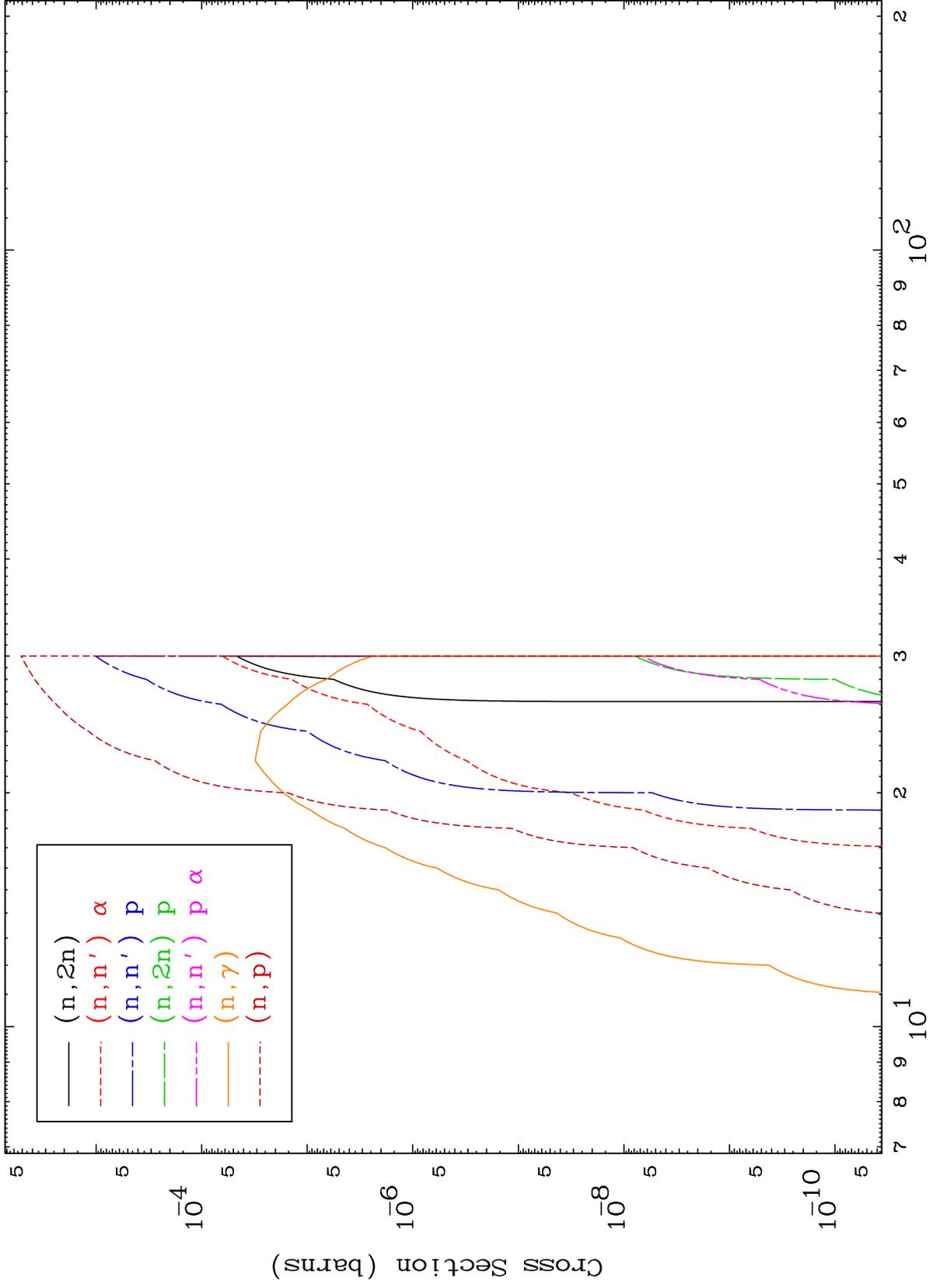
Incident Energy (MeV)

85-At-200m

MAT 8517

α Neutron Absorption
0 Kelvin Cross Sections

85-At-200m



2

Incident Energy (MeV)

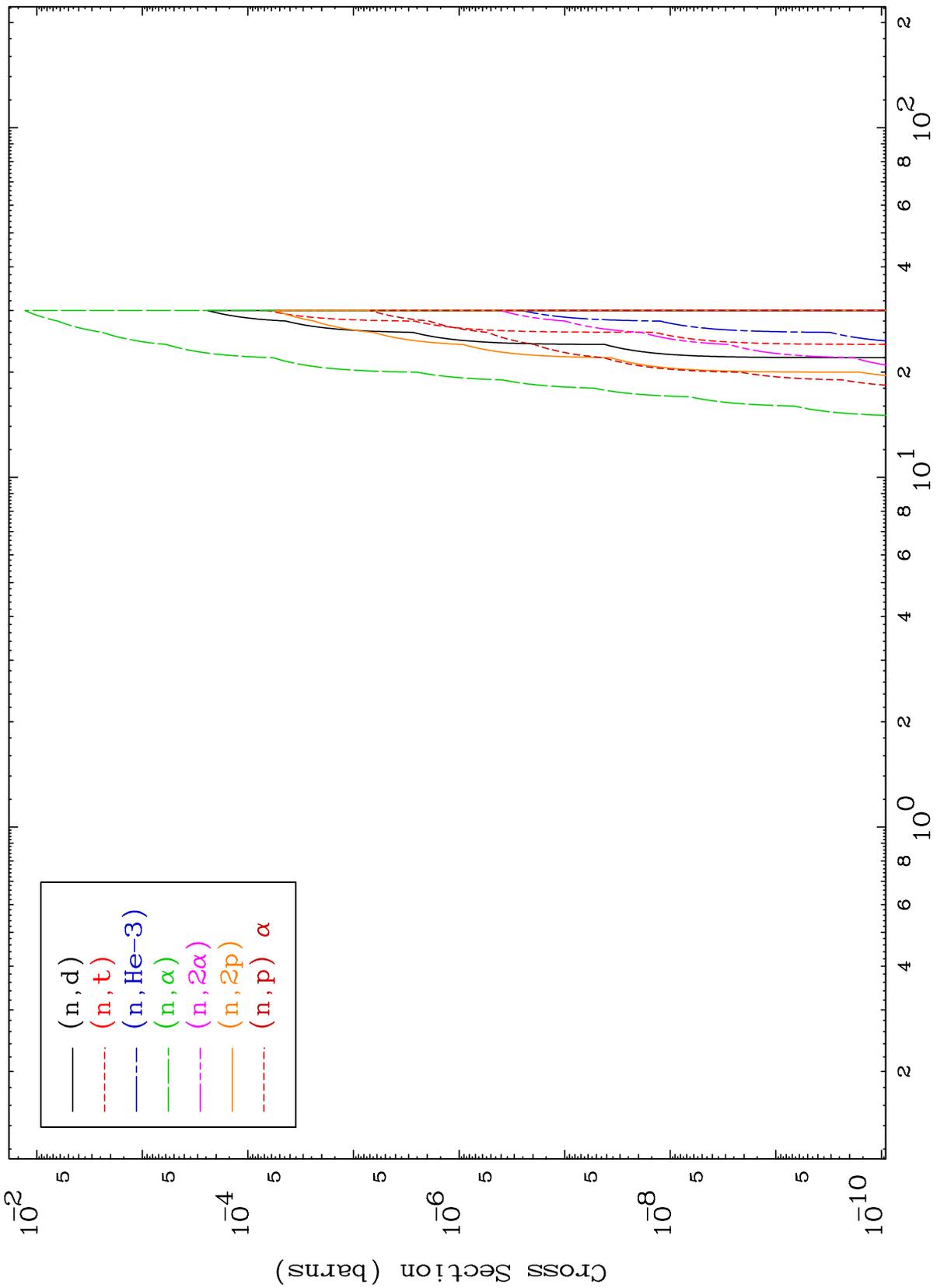
85-At-200m

MAT 8517

α Neutron Absorption

85-At-200m

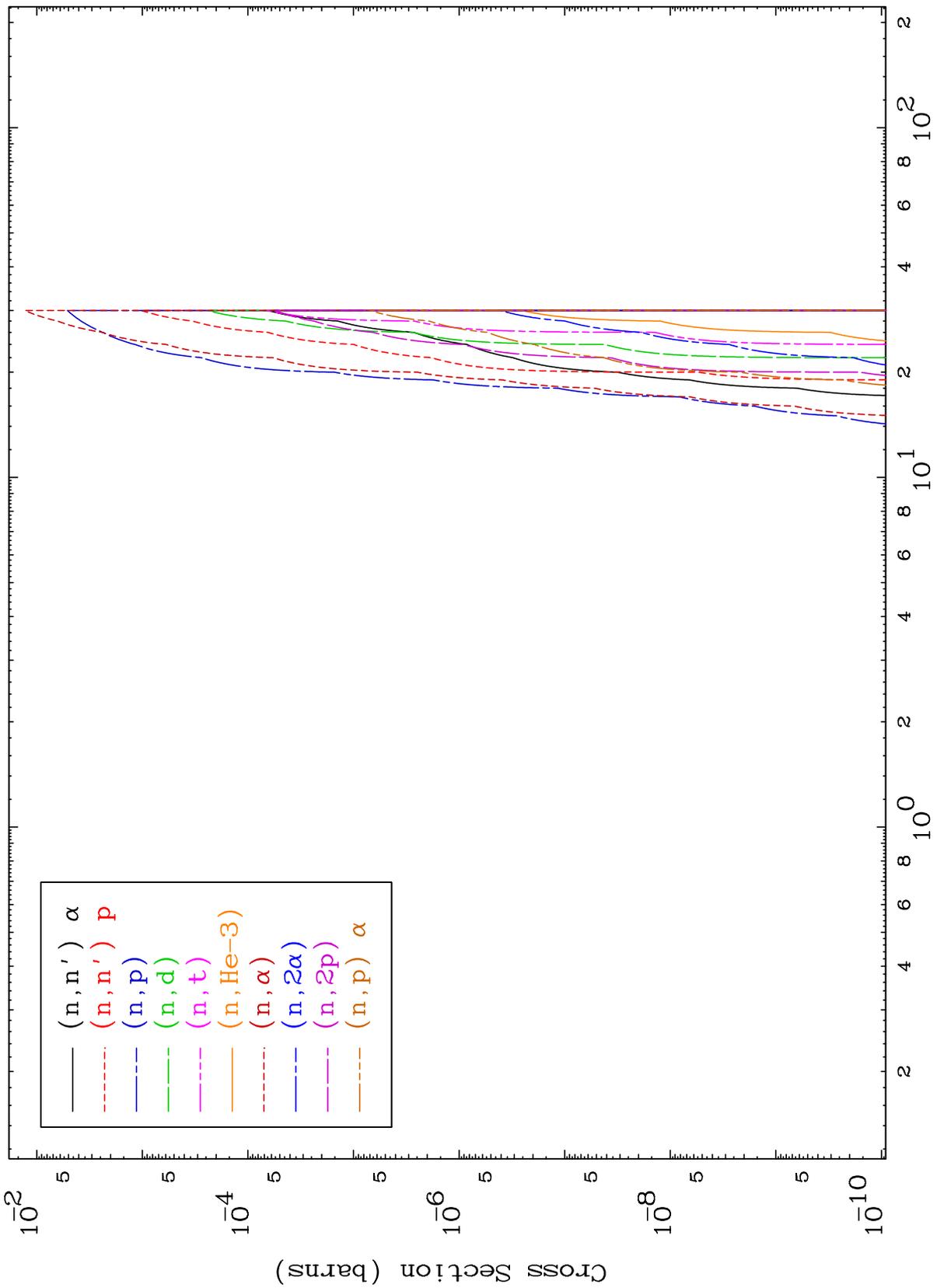
0 Kelvin Cross Sections



MAT 8517

α Charged Particle
0 Kelvin Cross Sections

85-At-200m



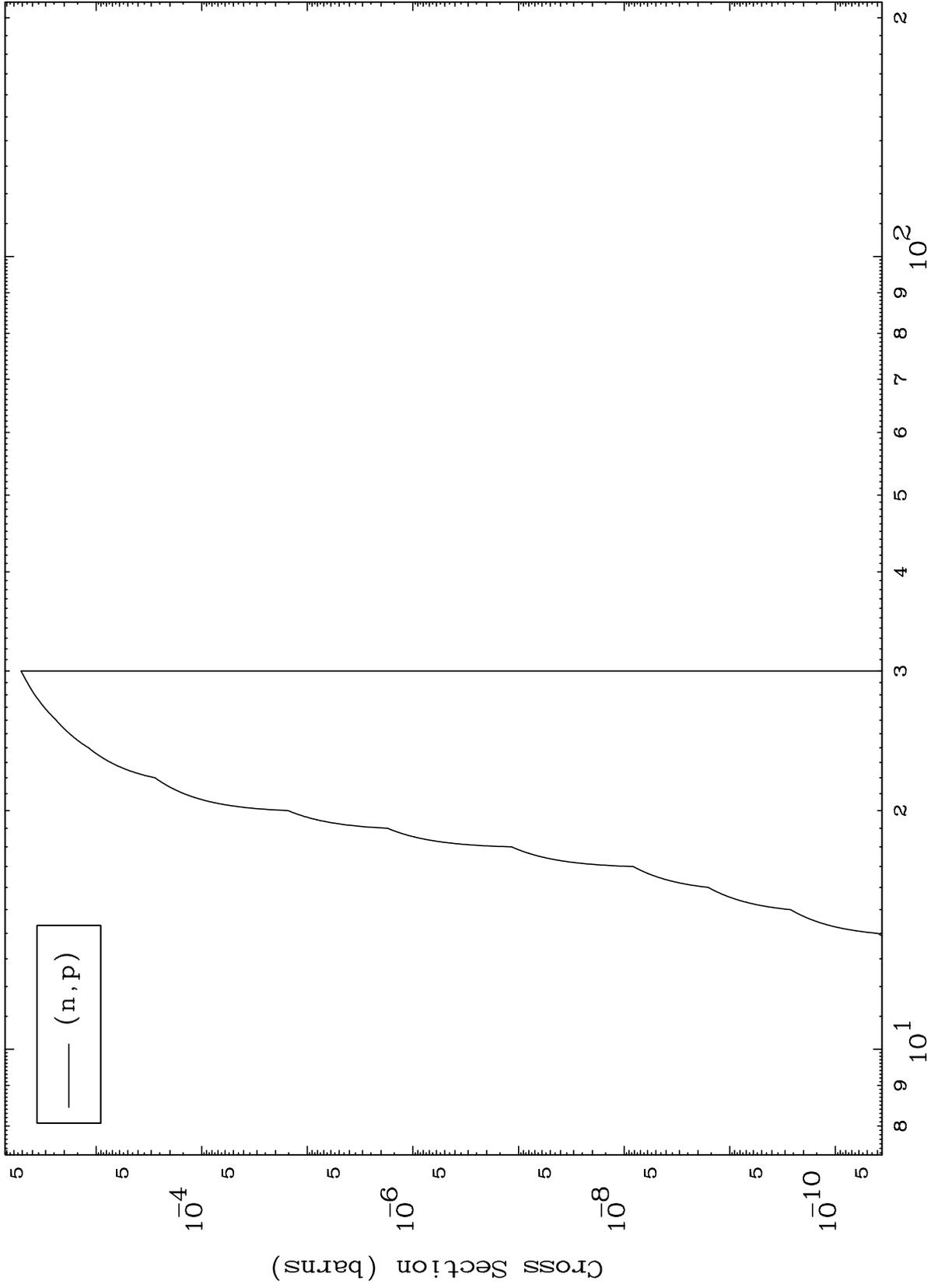
Incident Energy (MeV)

85-At-200m

MAT 8517

(α, p) Levels
0 Kelvin Cross Sections

85-At-200m



5

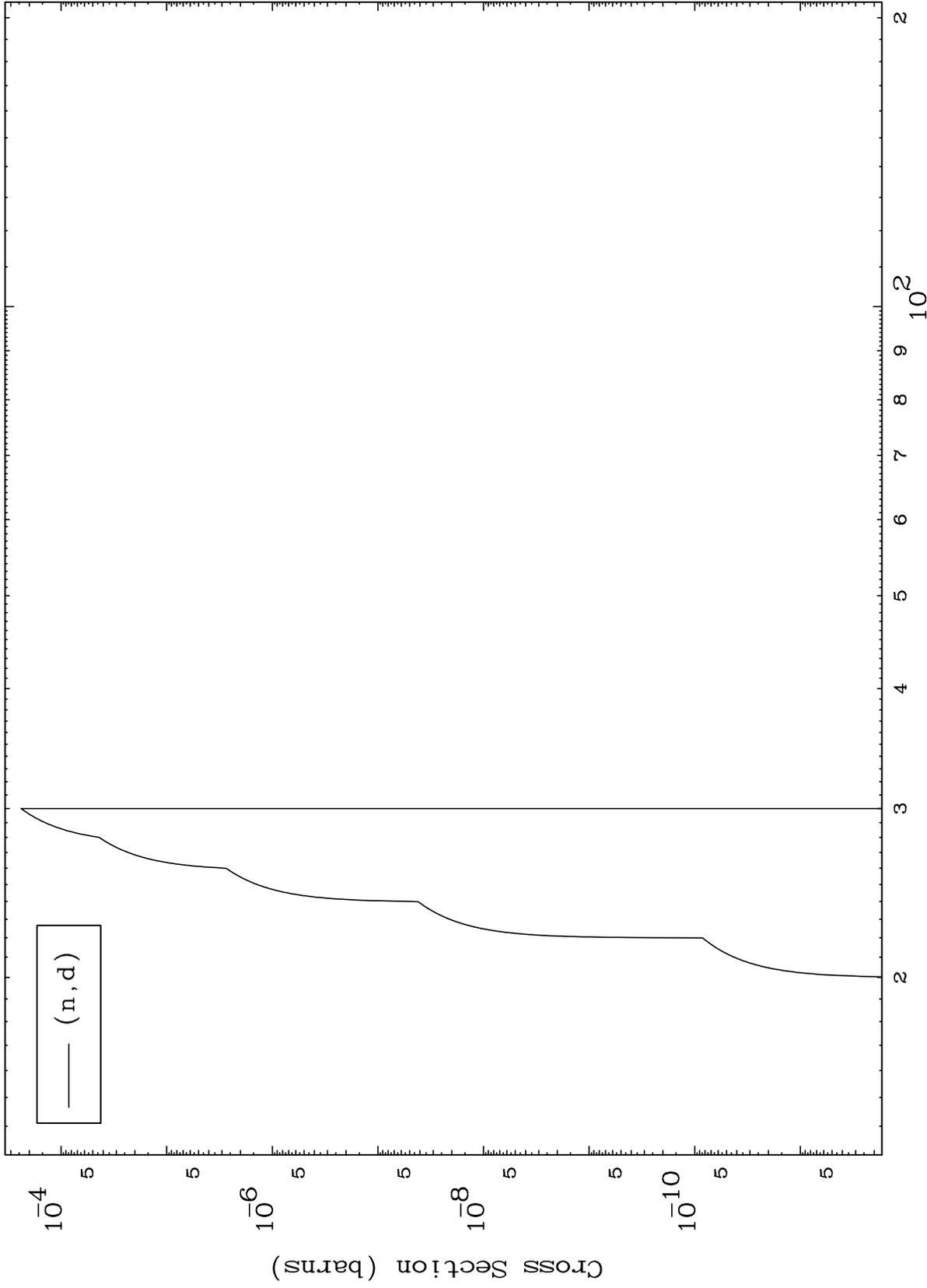
Incident Energy (MeV)

85-At-200m

MAT 8517

(α, d) Levels
0 Kelvin Cross Sections

85-At-200m



6

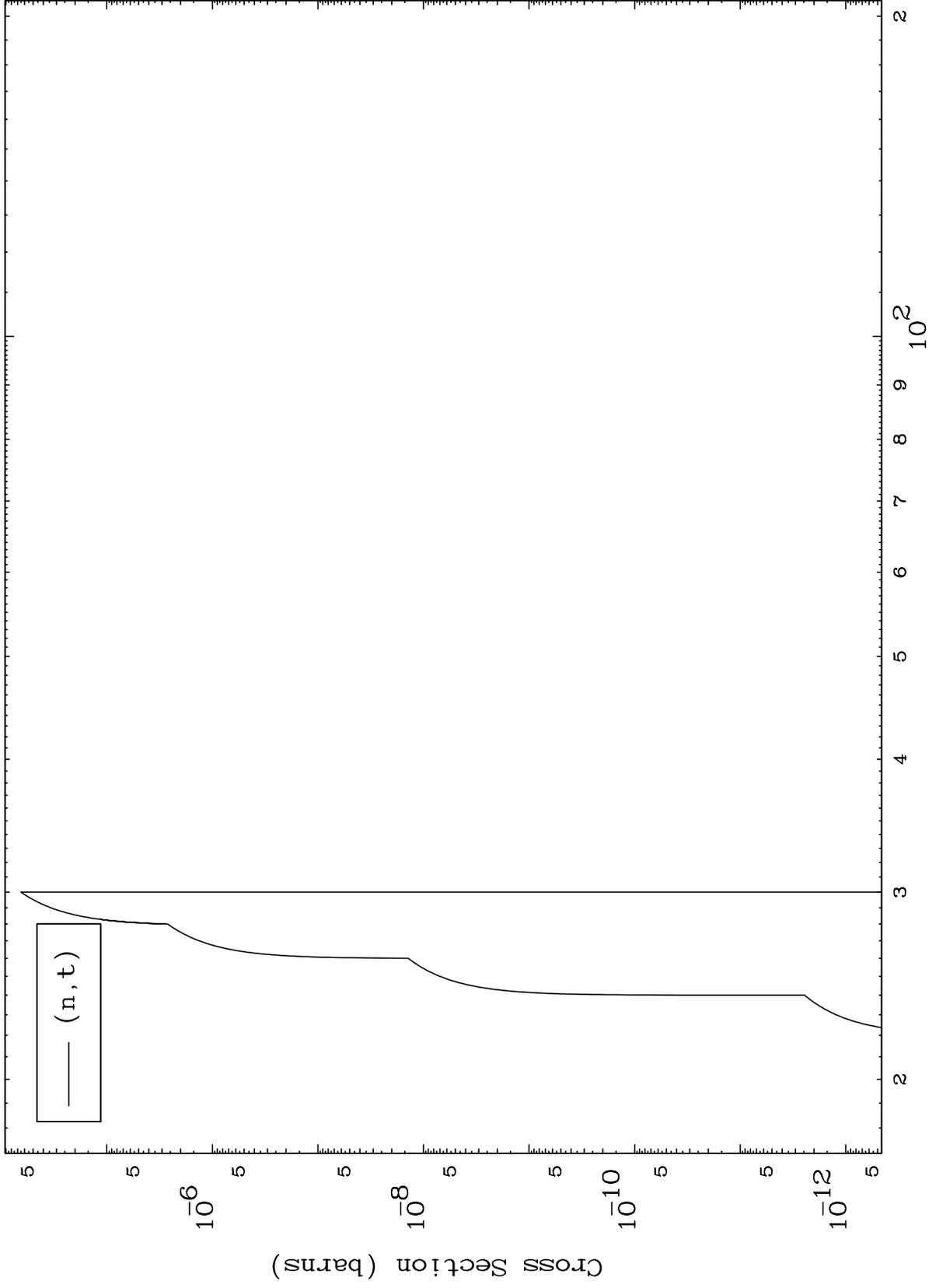
Incident Energy (MeV)

85-At-200m

MAT 8517

(α, t) Levels
0 Kelvin Cross Sections

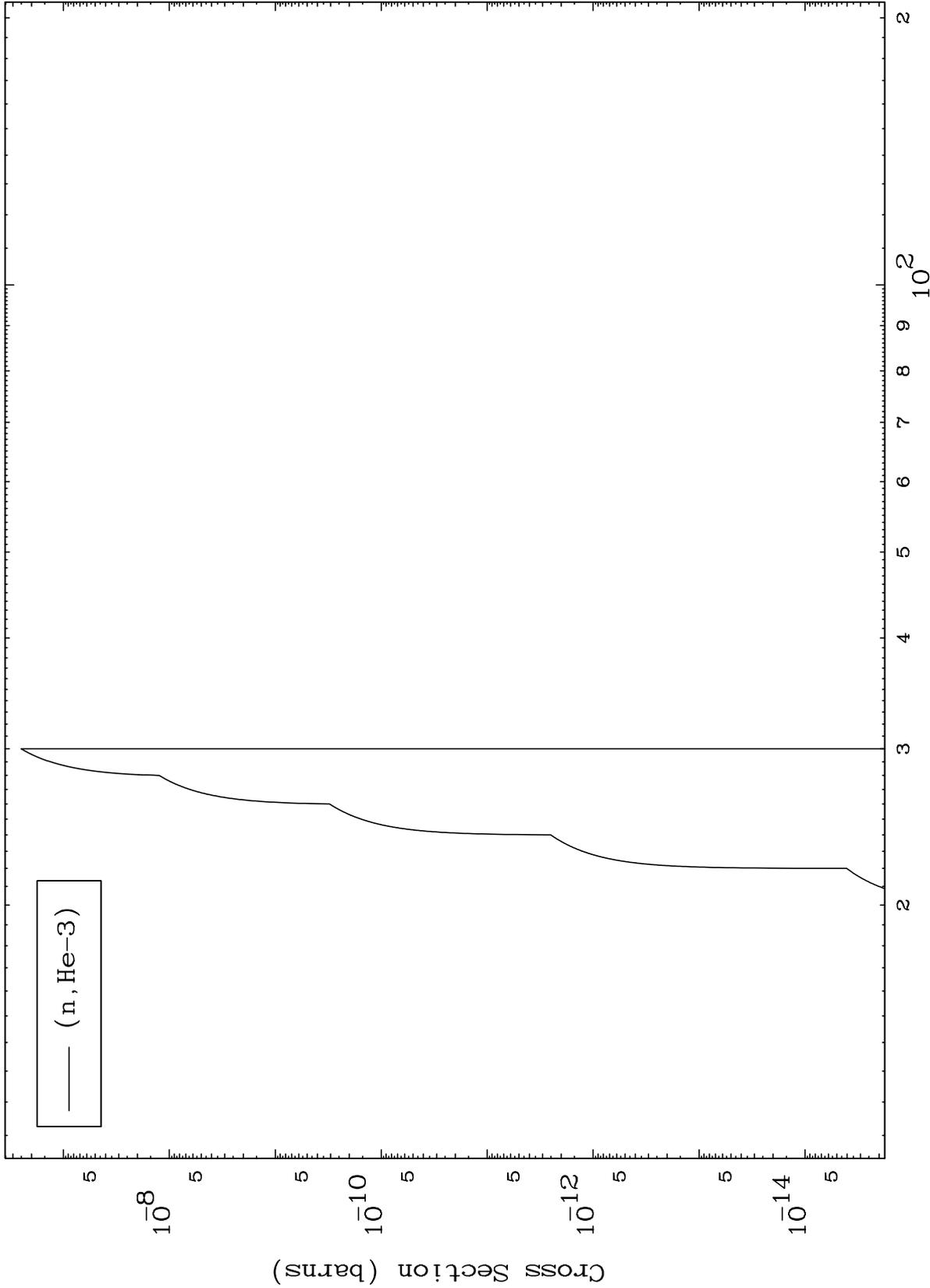
85-At-200m



7

Incident Energy (MeV)

85-At-200m

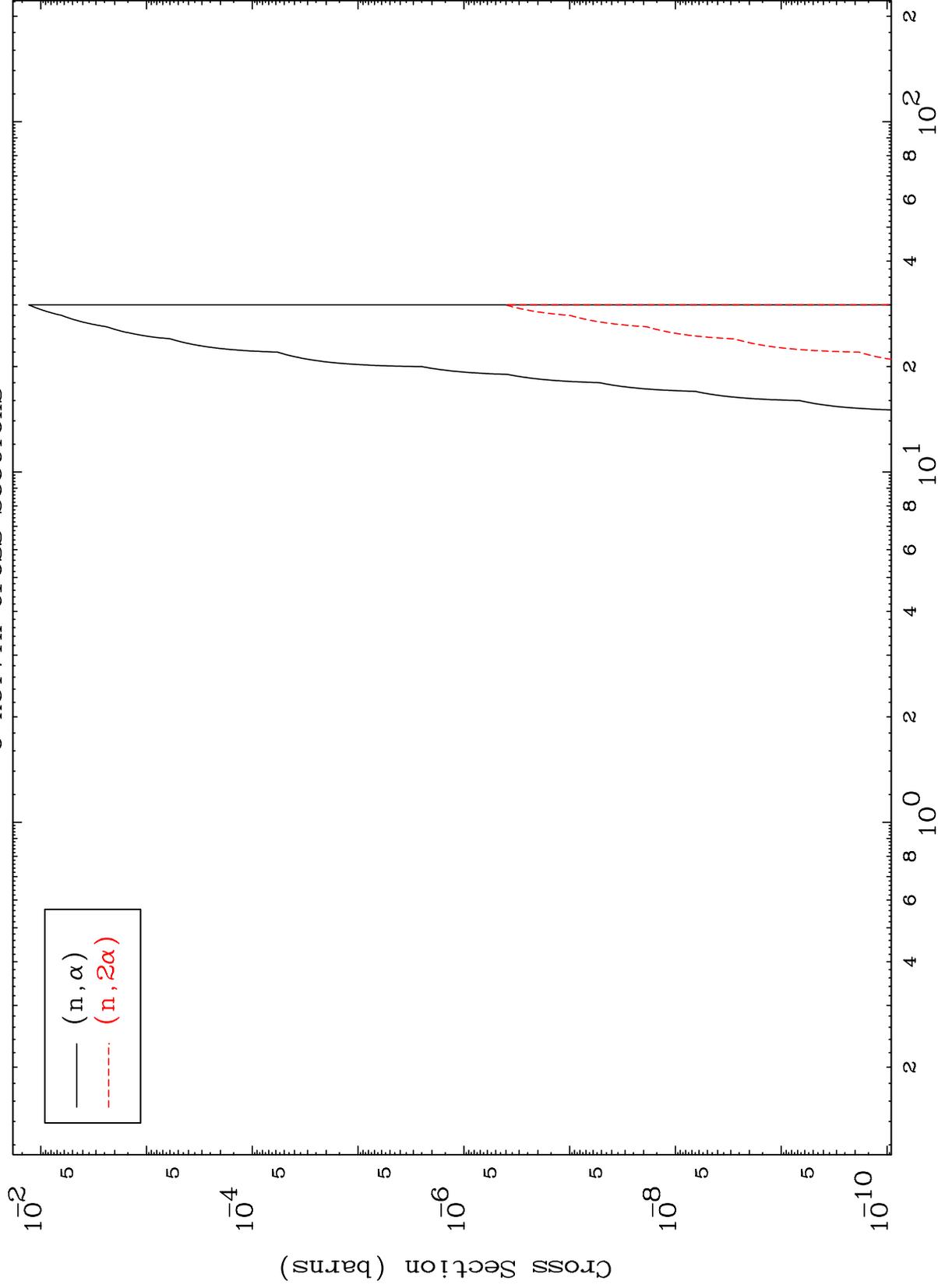


MAT 8517

(α, α) Levels

85-At-200m

0 Kelvin Cross Sections

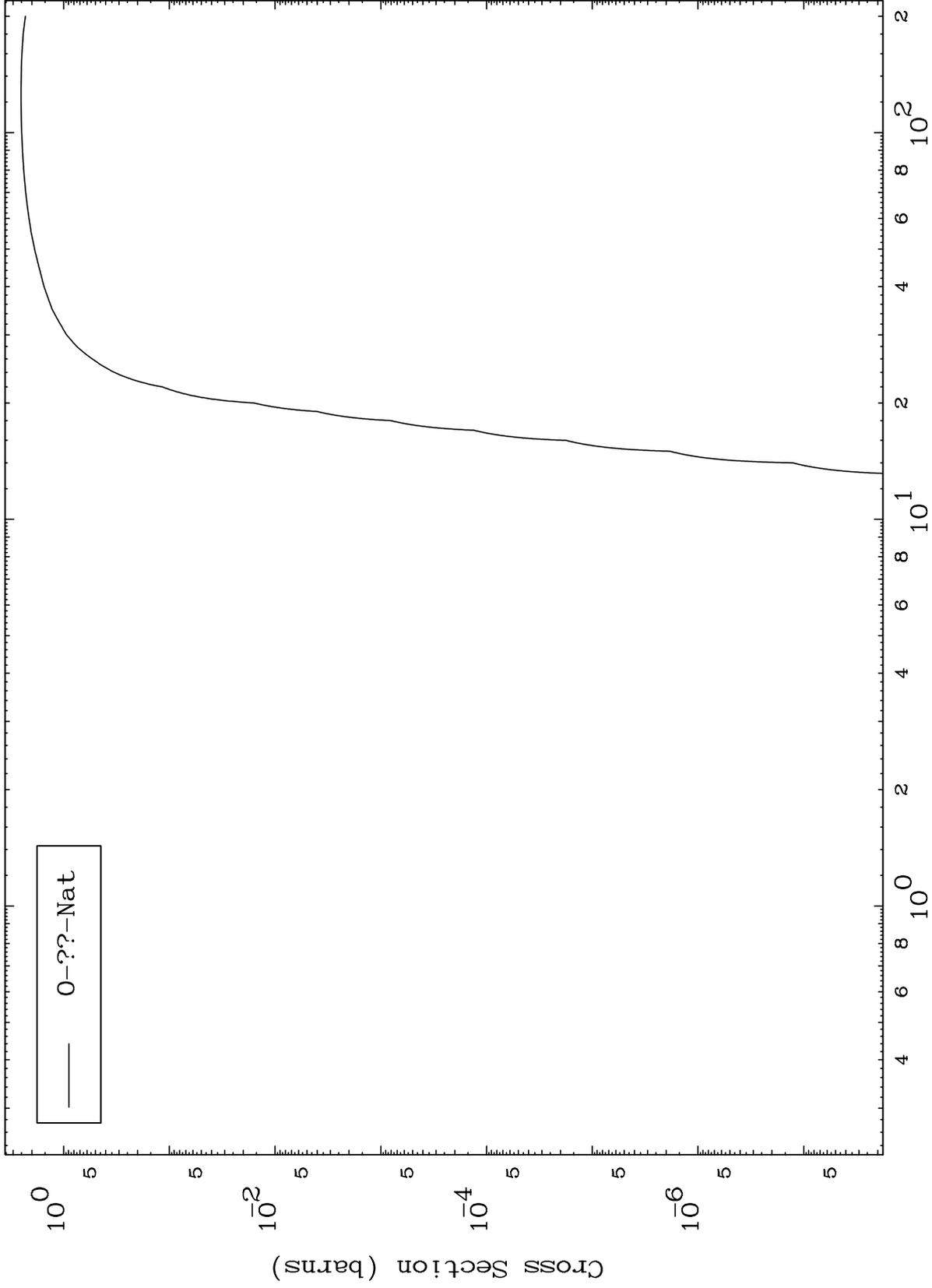


MAT 8517

Fission

85-At-200m

Radionuclide Production Cross Section



10

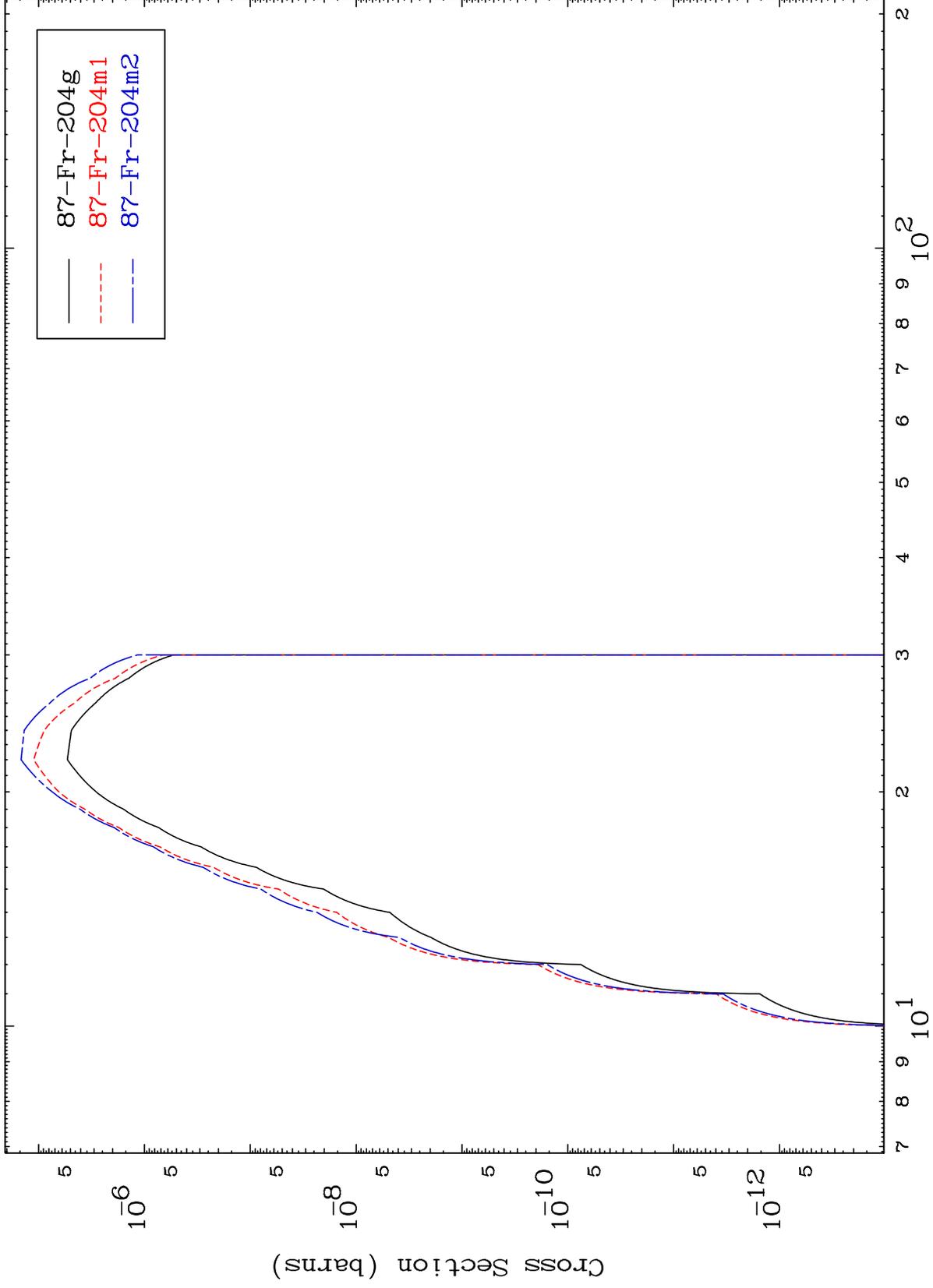
Incident Energy (MeV)

85-At-200m

MAT 8517

85-At-200m

(n,γ)
Radionuclide Production Cross Section



11

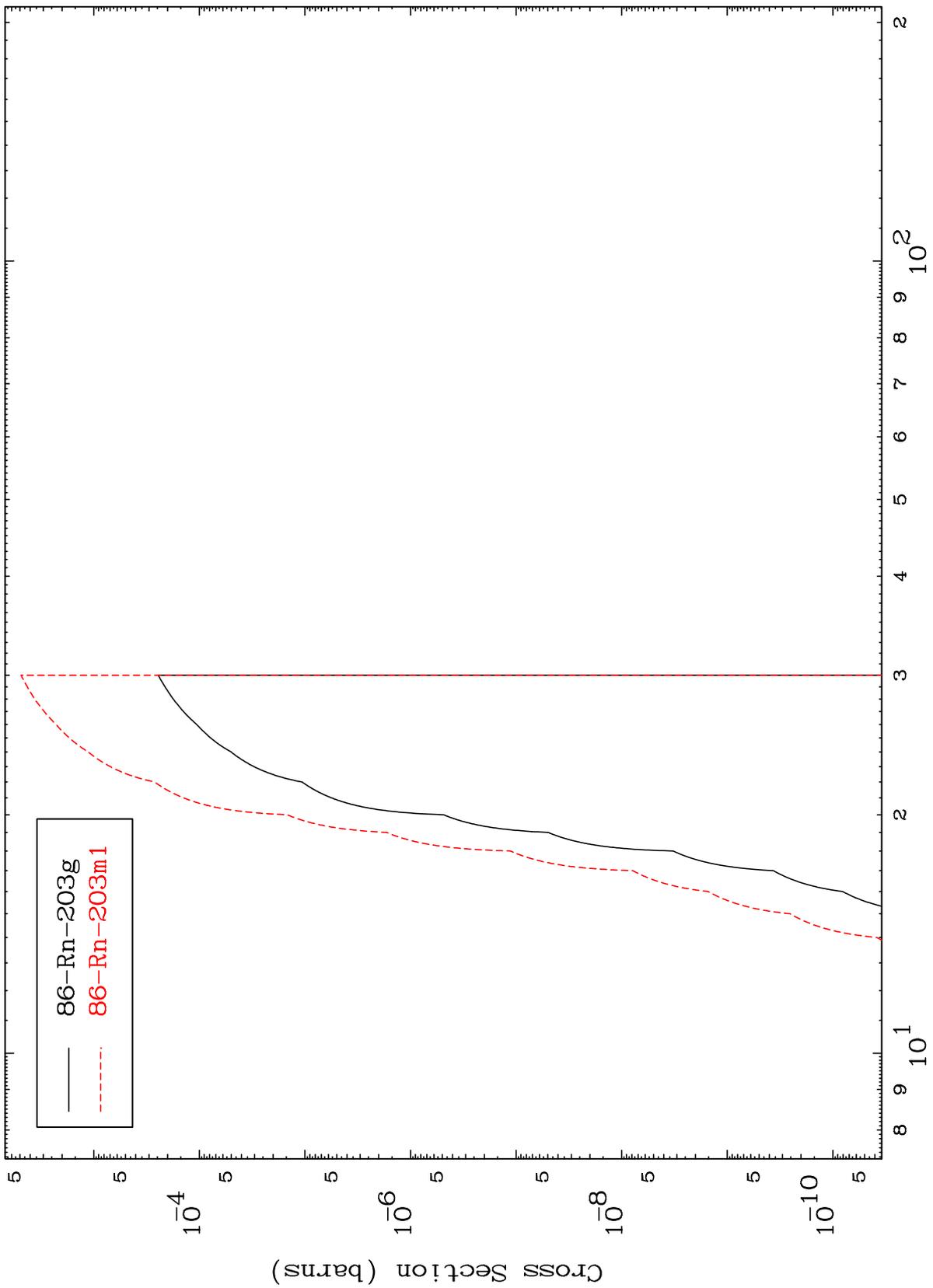
Incident Energy (MeV)

85-At-200m

MAT 8517

85-At-200m

(n,p)
Radionuclide Production Cross Section



12

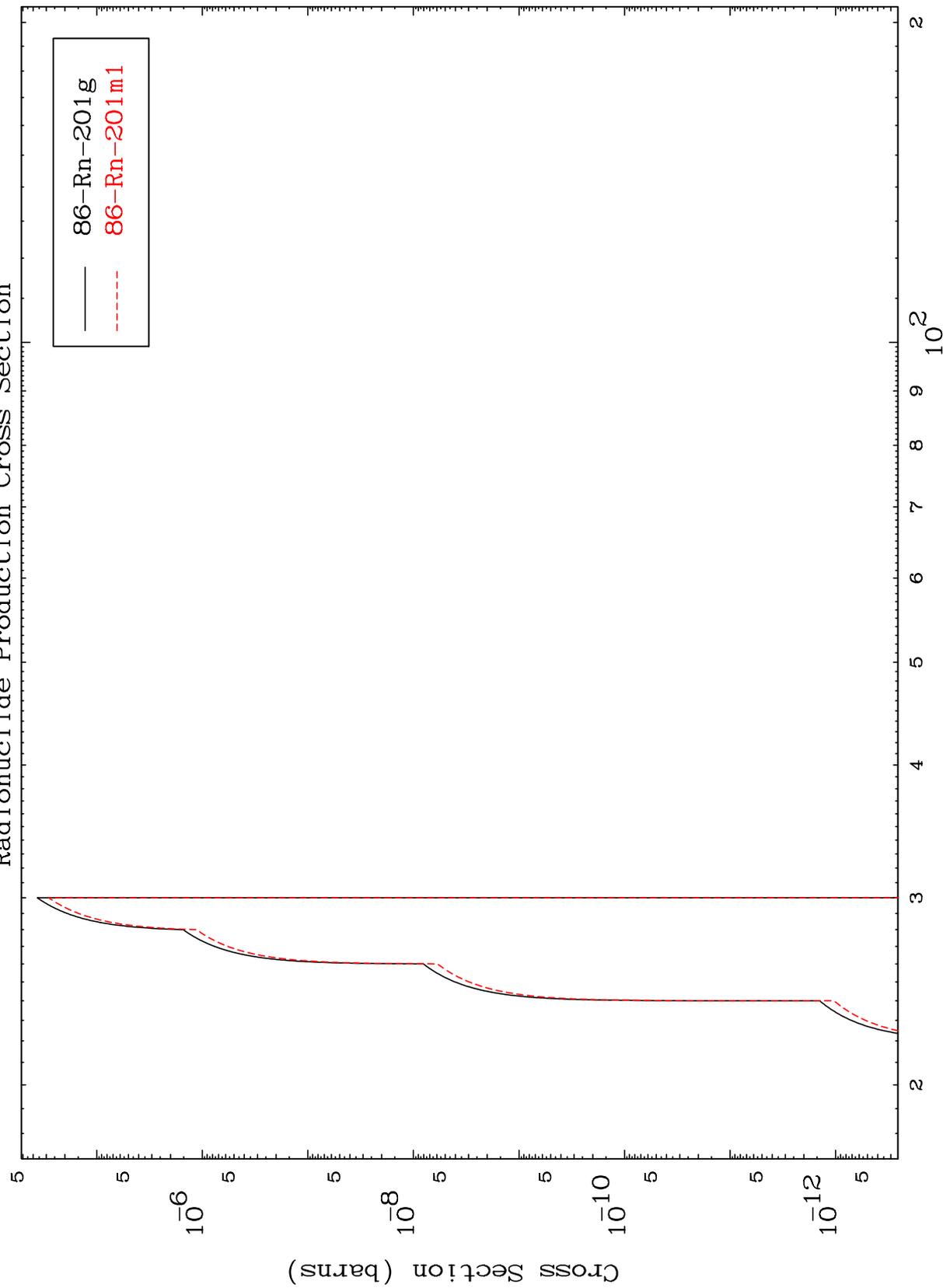
Incident Energy (MeV)

85-At-200m

MAT 8517

85-At-200m

(n, t)
Radionuclide Production Cross Section



13

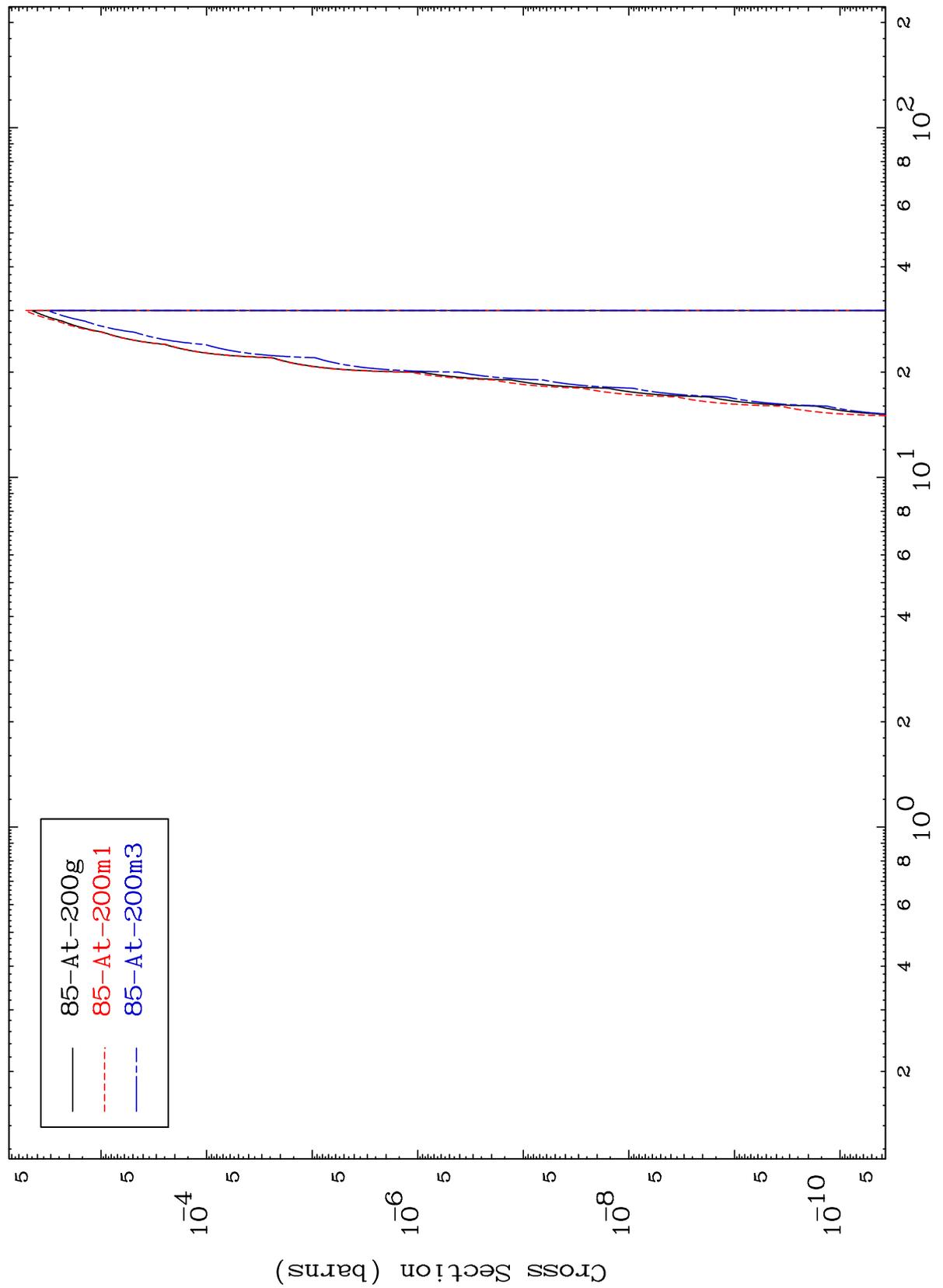
Incident Energy (MeV)

85-At-200m

MAT 8517

85-At-200m

(n, α)
Radionuclide Production Cross Section



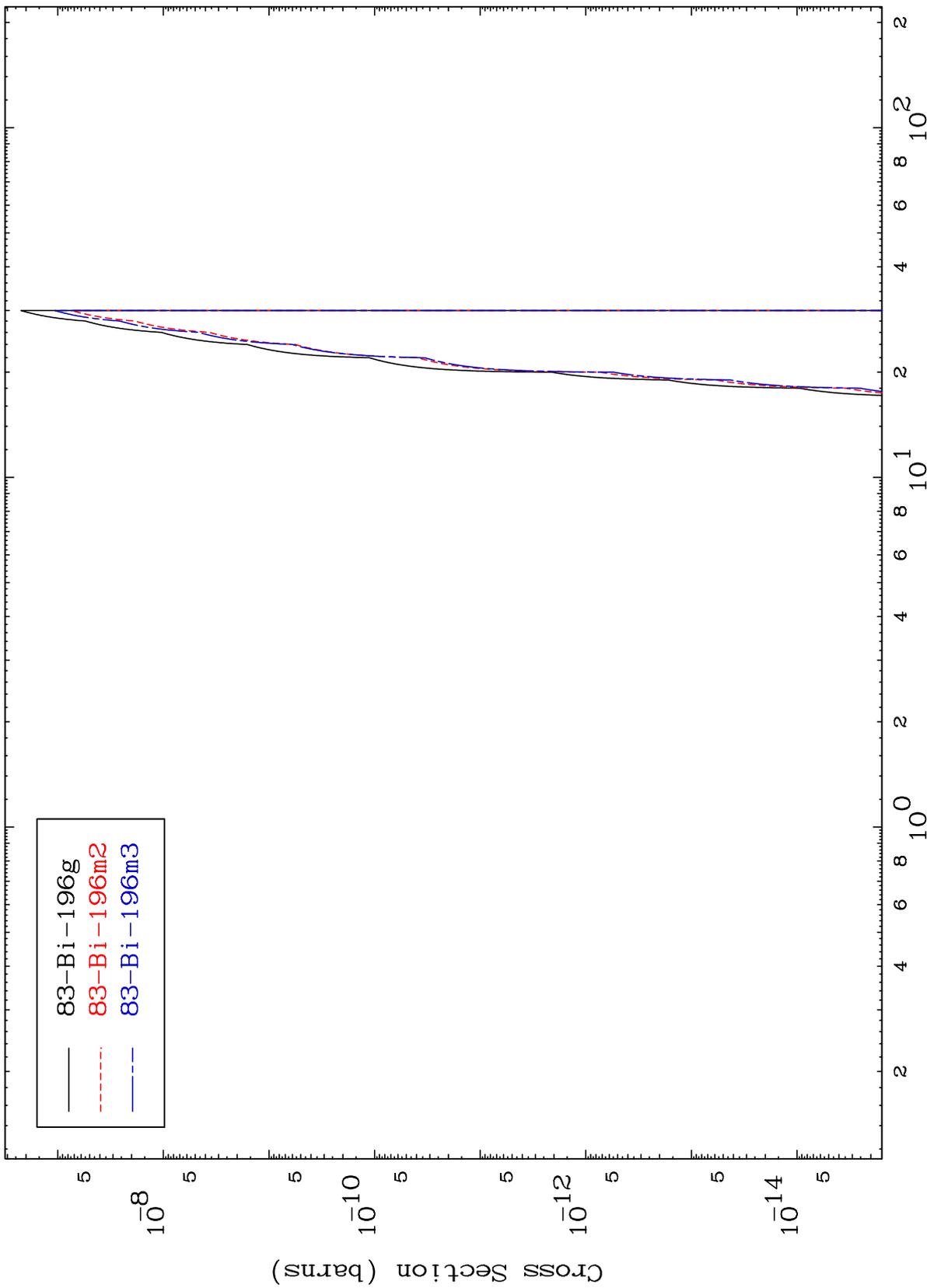
85-At-200m

Incident Energy (MeV)

MAT 8517

85-At-200m

Radionuclide Production Cross Section
(n,2 α)



15

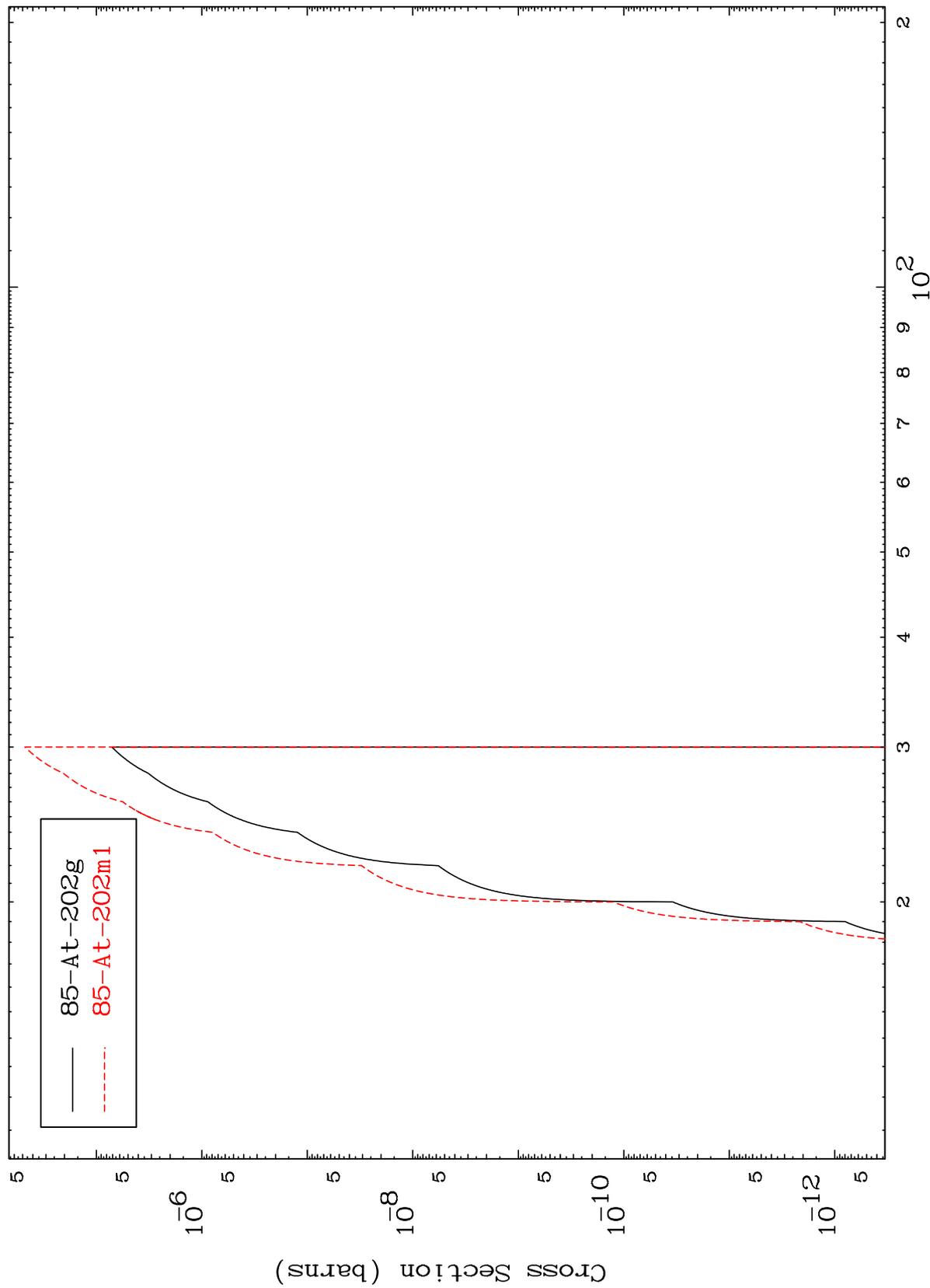
Incident Energy (MeV)

85-At-200m

MAT 8517

85-At-200m

(n,2p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

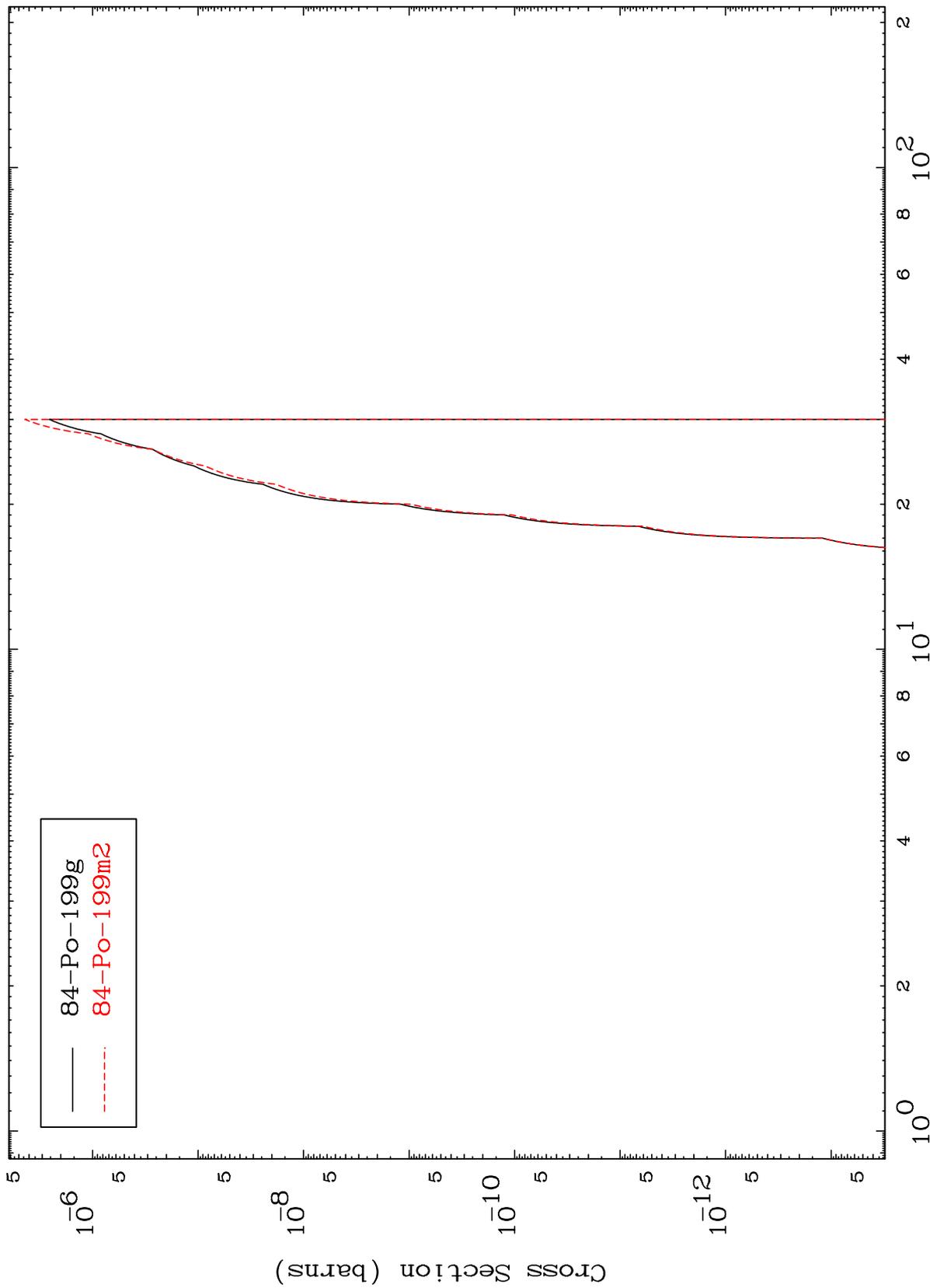
85-At-200m

MAT 8517

(n,p) α

85-At-200m

Radionuclide Production Cross Section



Incident Energy (MeV)

85-At-200m

17