

Program EVALPLOT
(Version 2021-1)

by

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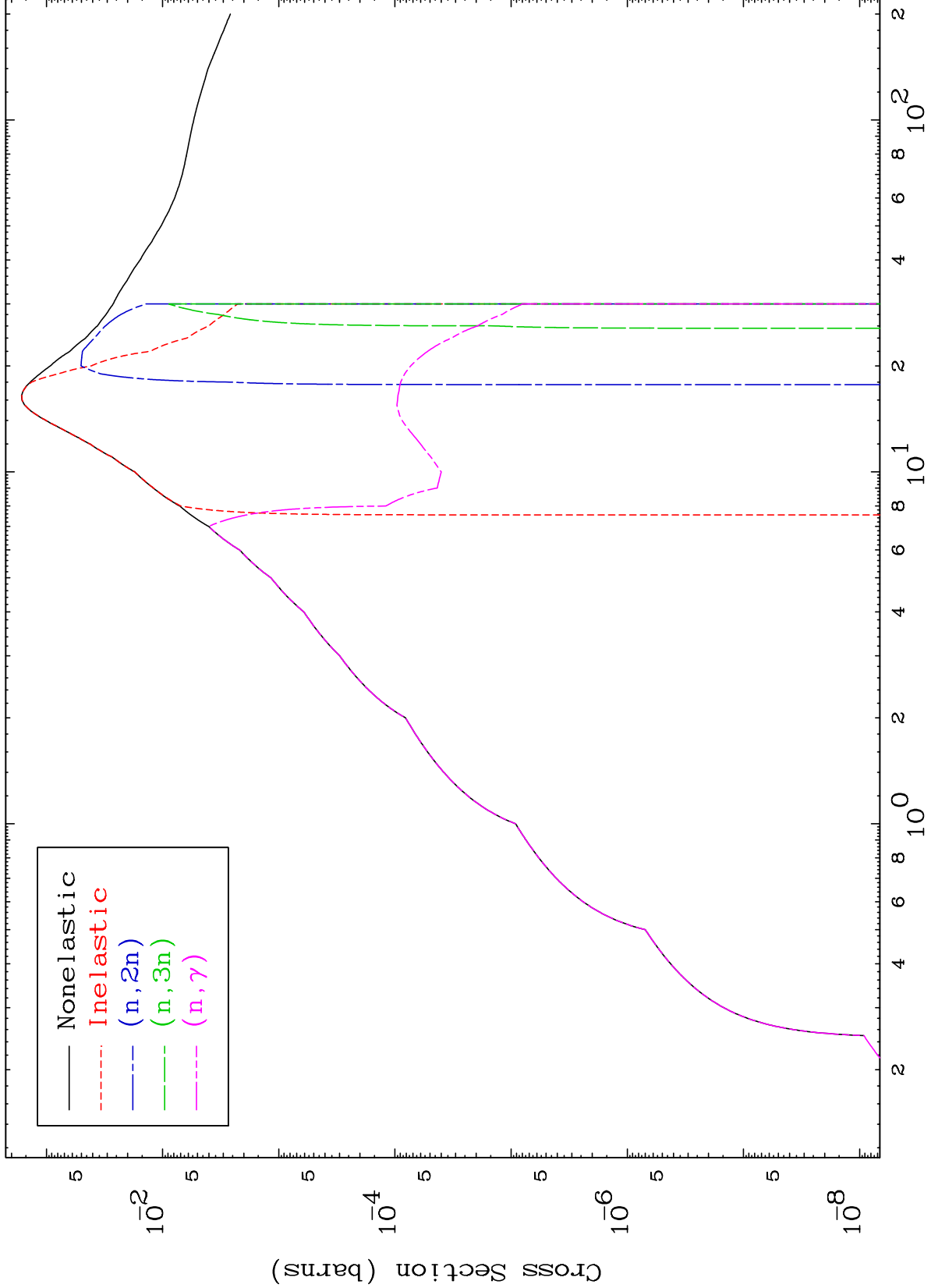
Press Mouse Button to Start

MAT 3535

Photon Major

35-Br-82m

0 Kelvin Cross Sections

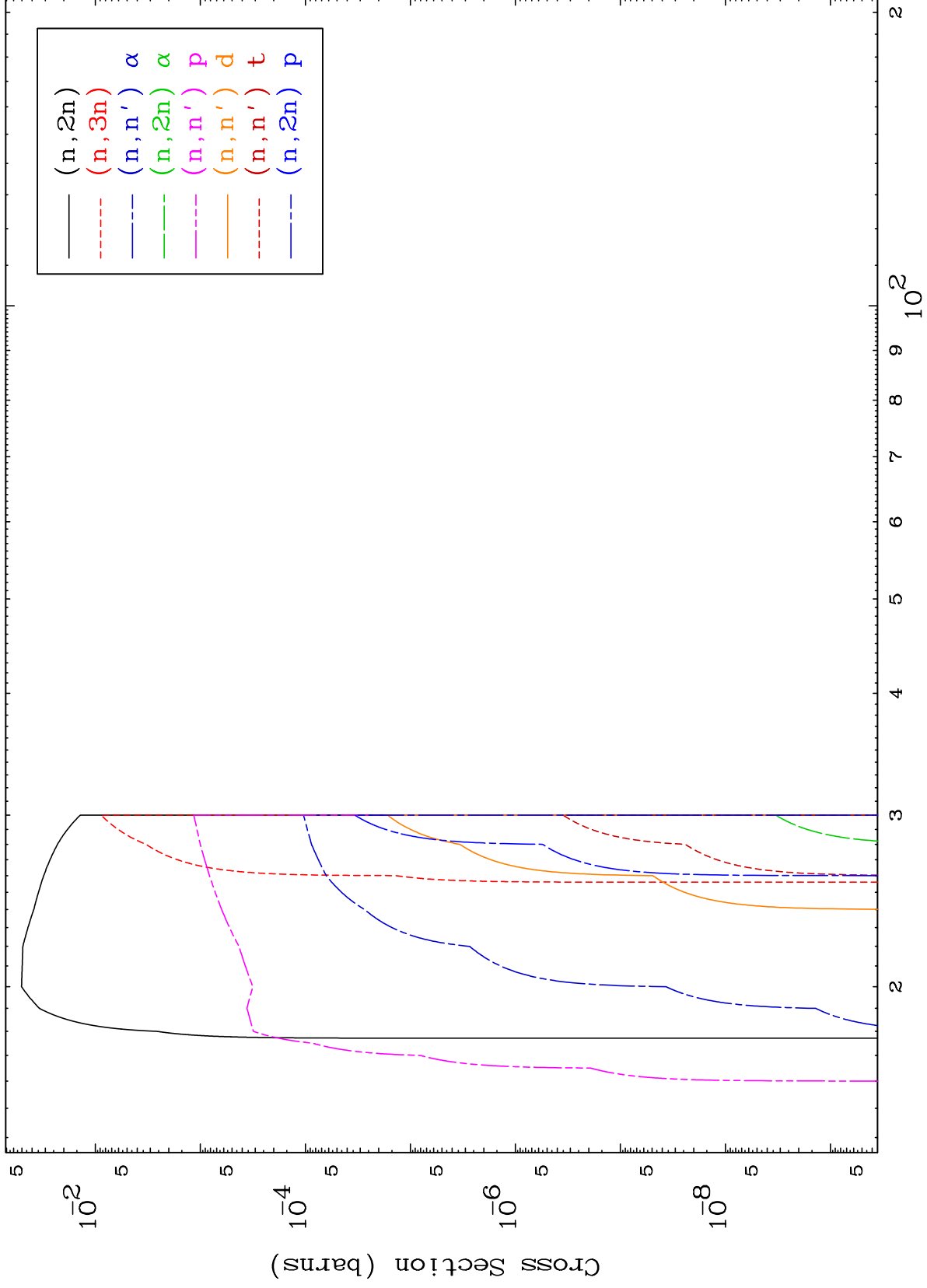


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, 3n)
- - - (n, γ)

MAT 3535

Photon Neutron Absorption
0 Kelvin Cross Sections

35-Br-82m



2

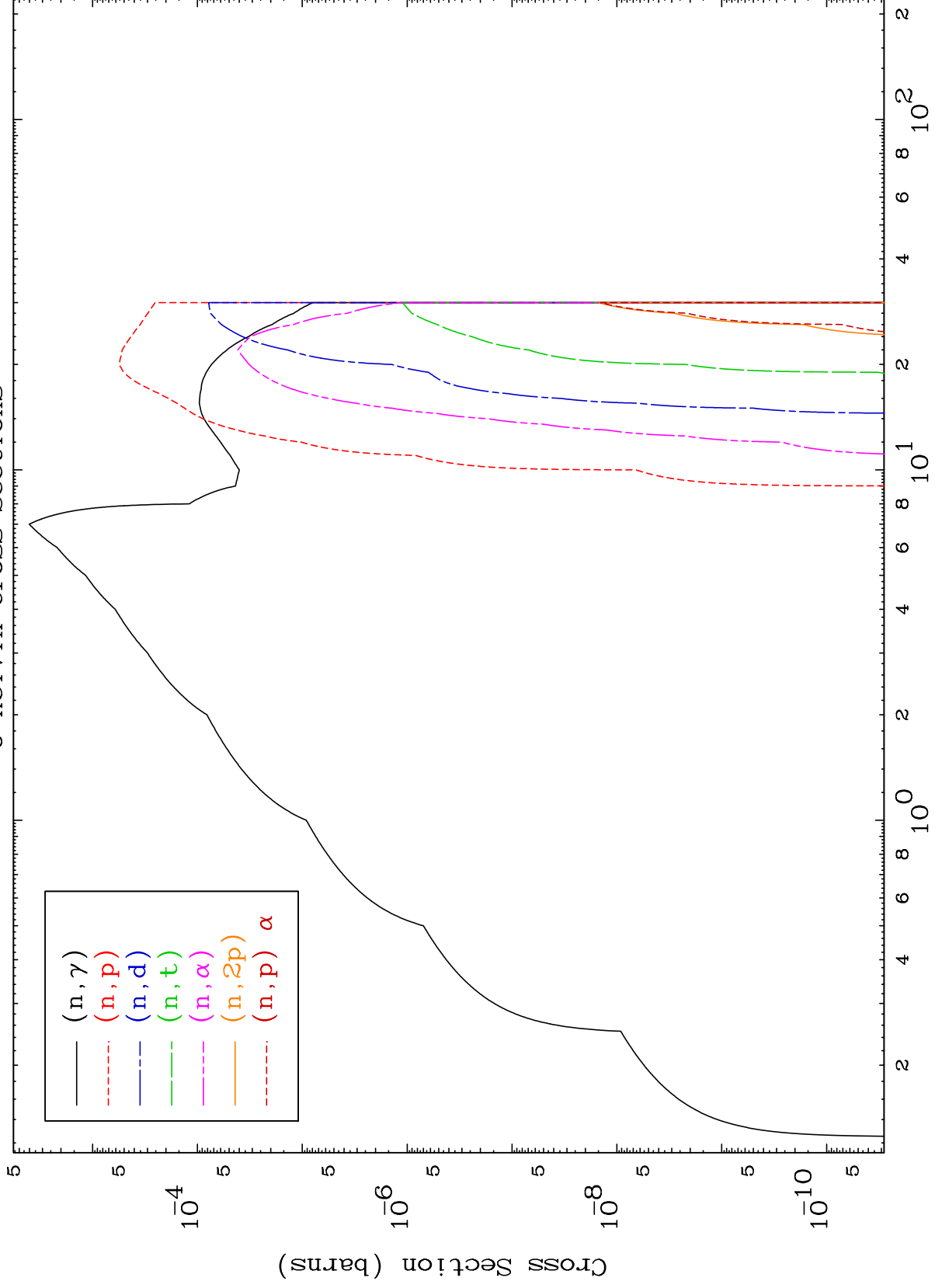
Incident Energy (MeV)

35-Br-82m

MAT 3535

Photon Neutron Absorption
0 Kelvin Cross Sections

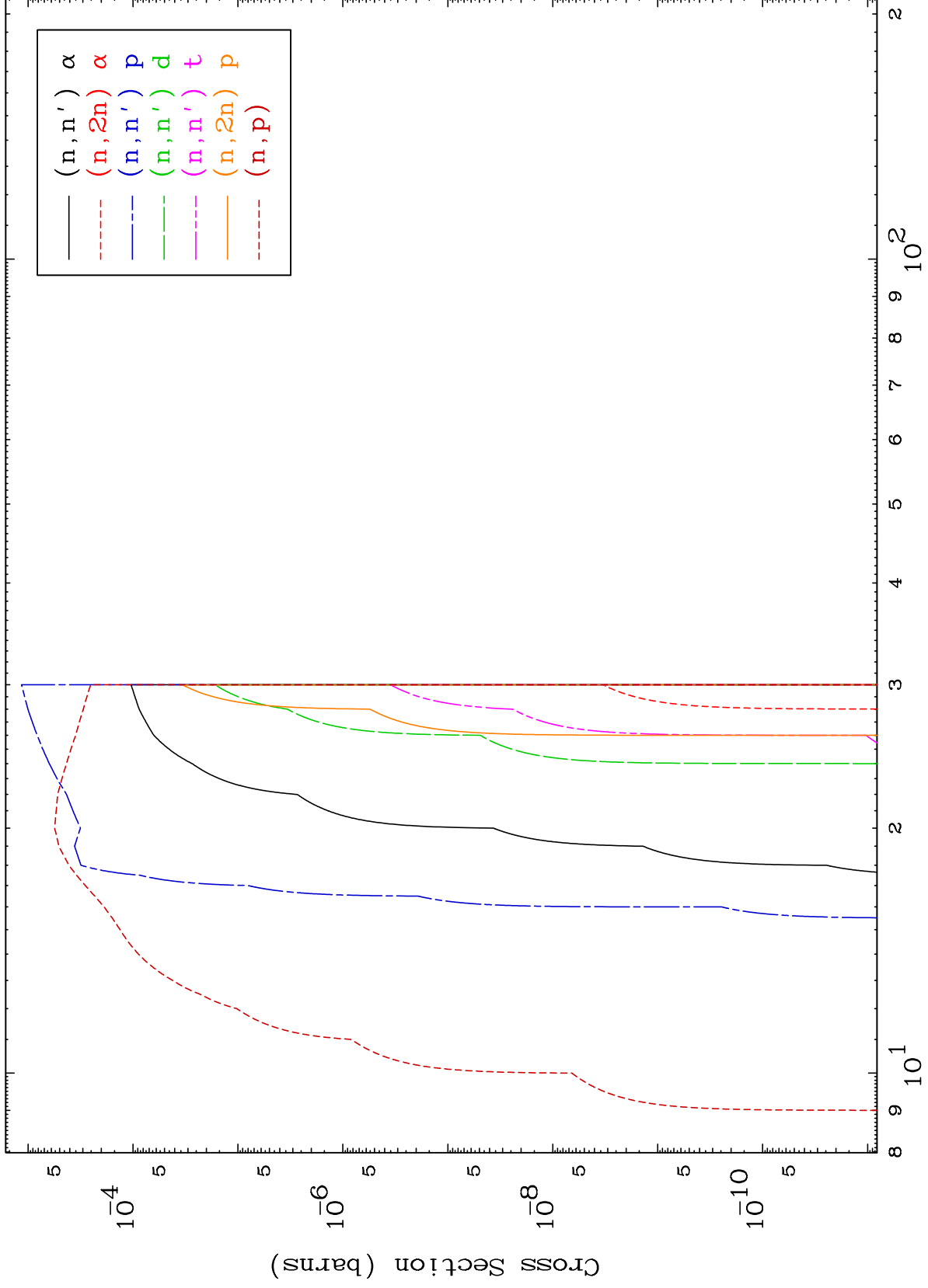
35-Br-82m



MAT 3535

Photon Charged Particle
0 Kelvin Cross Sections

35-Br-82m



4

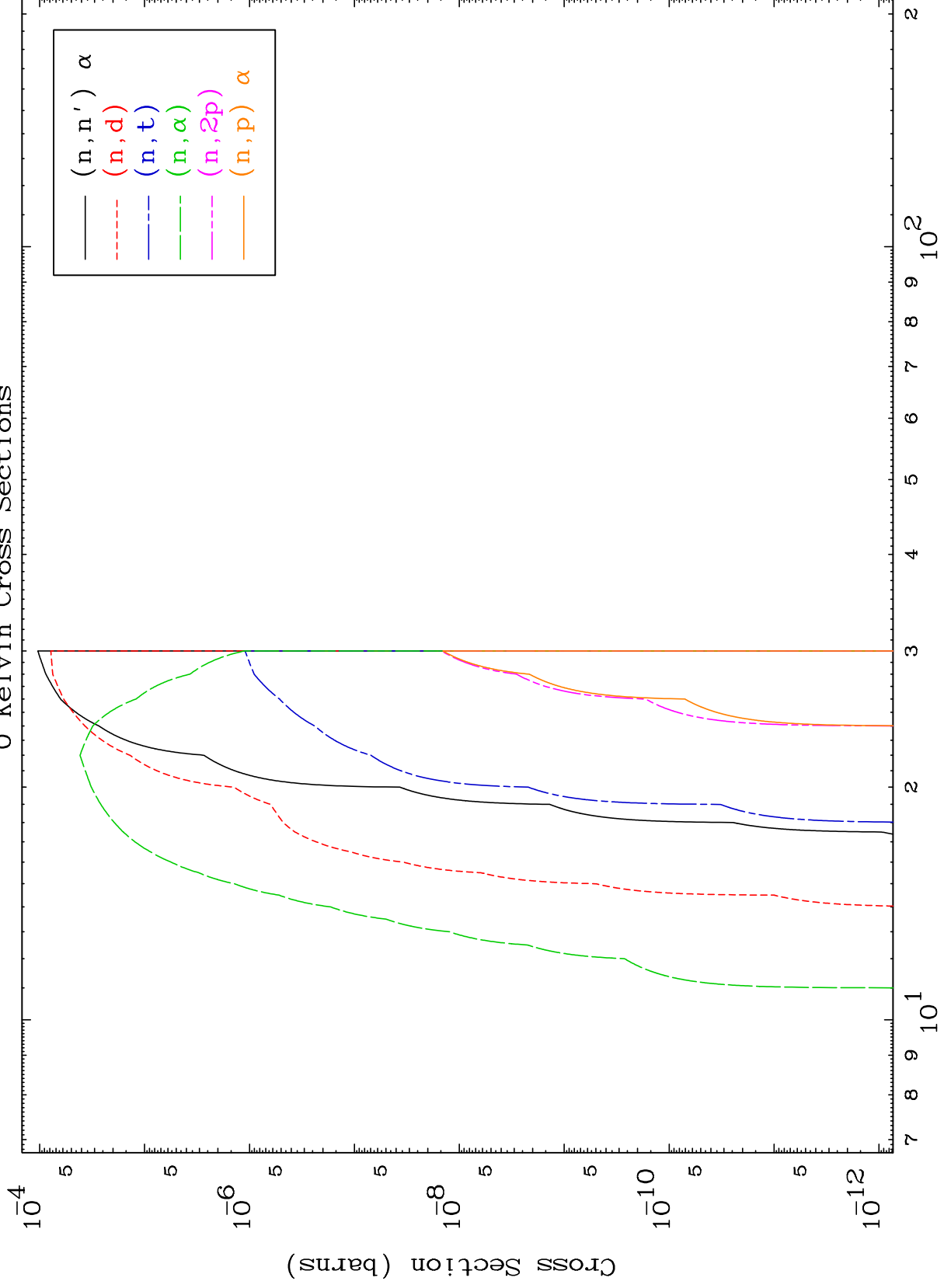
Incident Energy (MeV)

35-Br-82m

MAT 3535

Photon Charged Particle
0 Kelvin Cross Sections

35-Br-82m



5

Incident Energy (MeV)

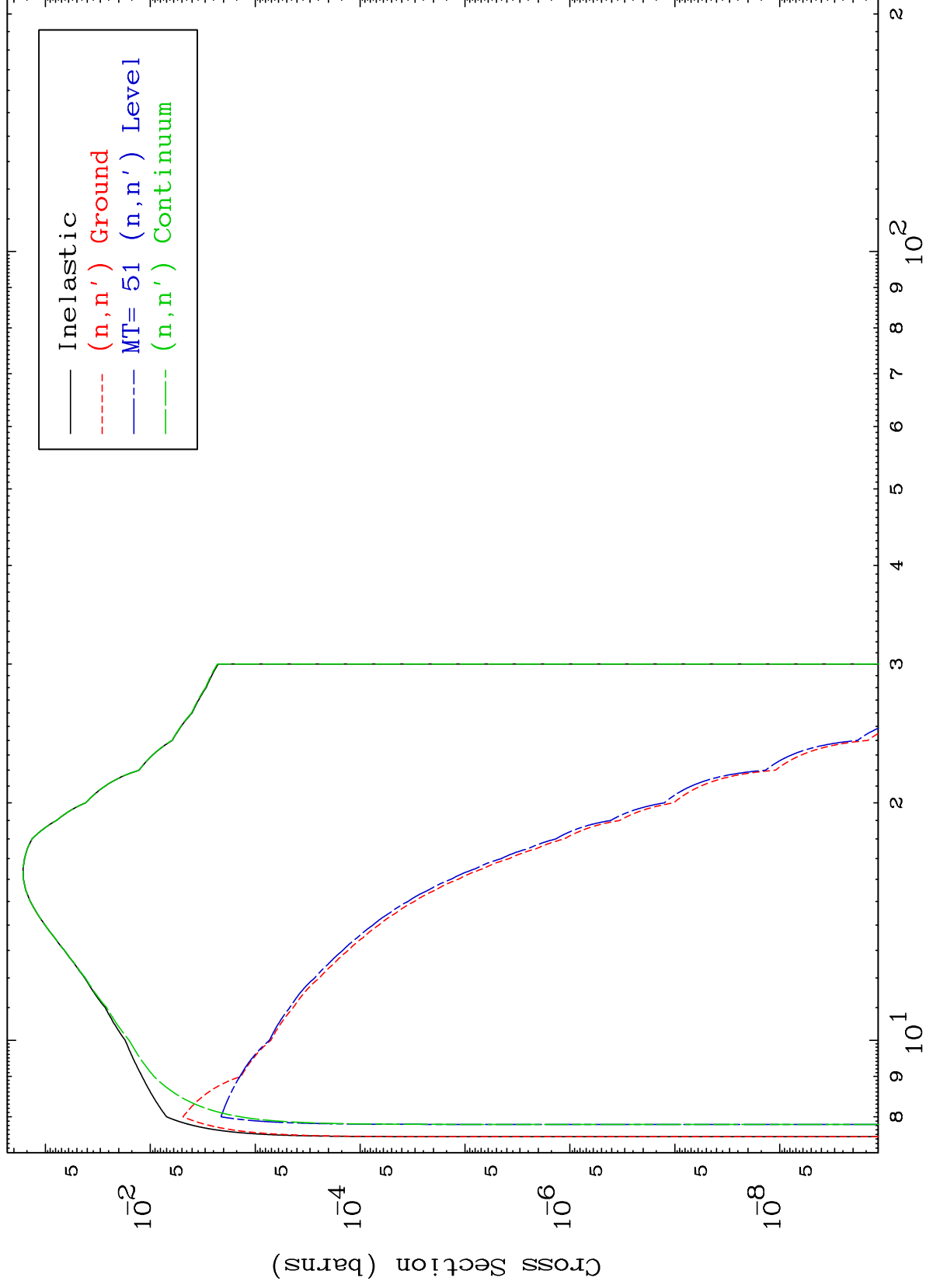
35-Br-82m

MAT 3535

(γ, n') Levels

35-Br-82m

0 Kelvin Cross Sections



6

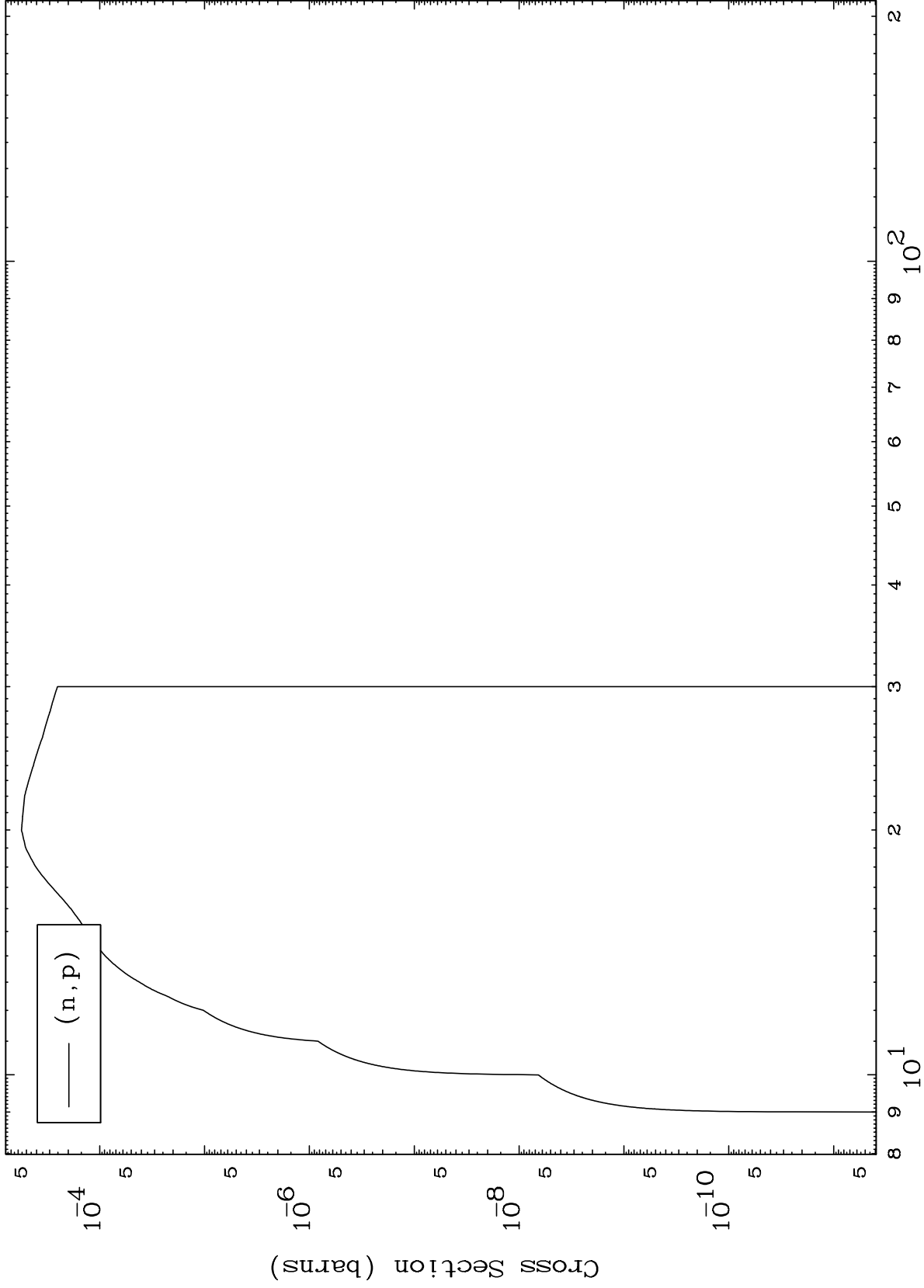
Incident Energy (MeV)

35-Br-82m

MAT 3535

(γ, p) Levels
0 Kelvin Cross Sections

³⁵Br-82m



7

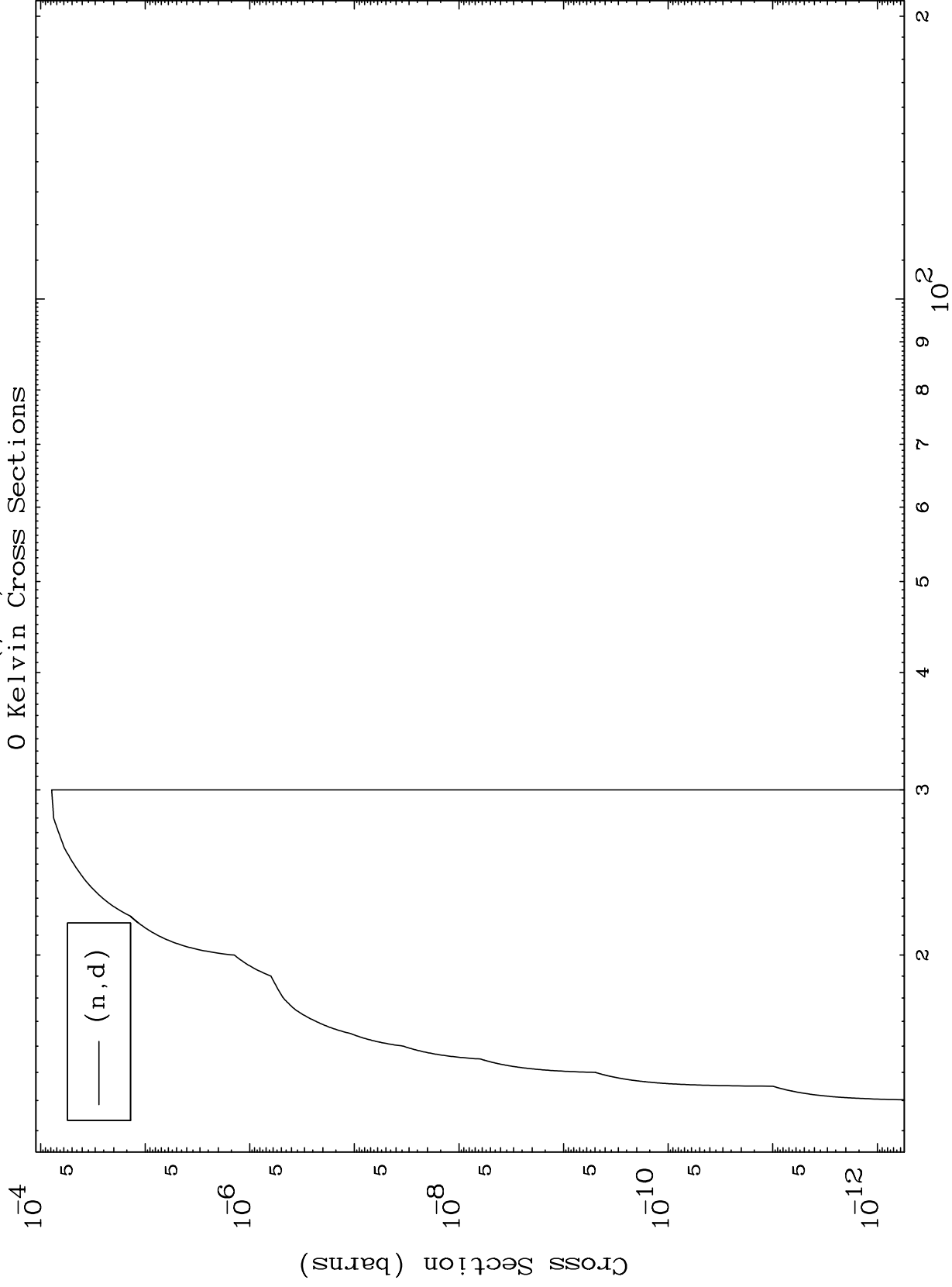
Incident Energy (MeV)

³⁵Br-82m

MAT 3535

(γ, d) Levels
0 Kelvin Cross Sections

35-Br-82m



8

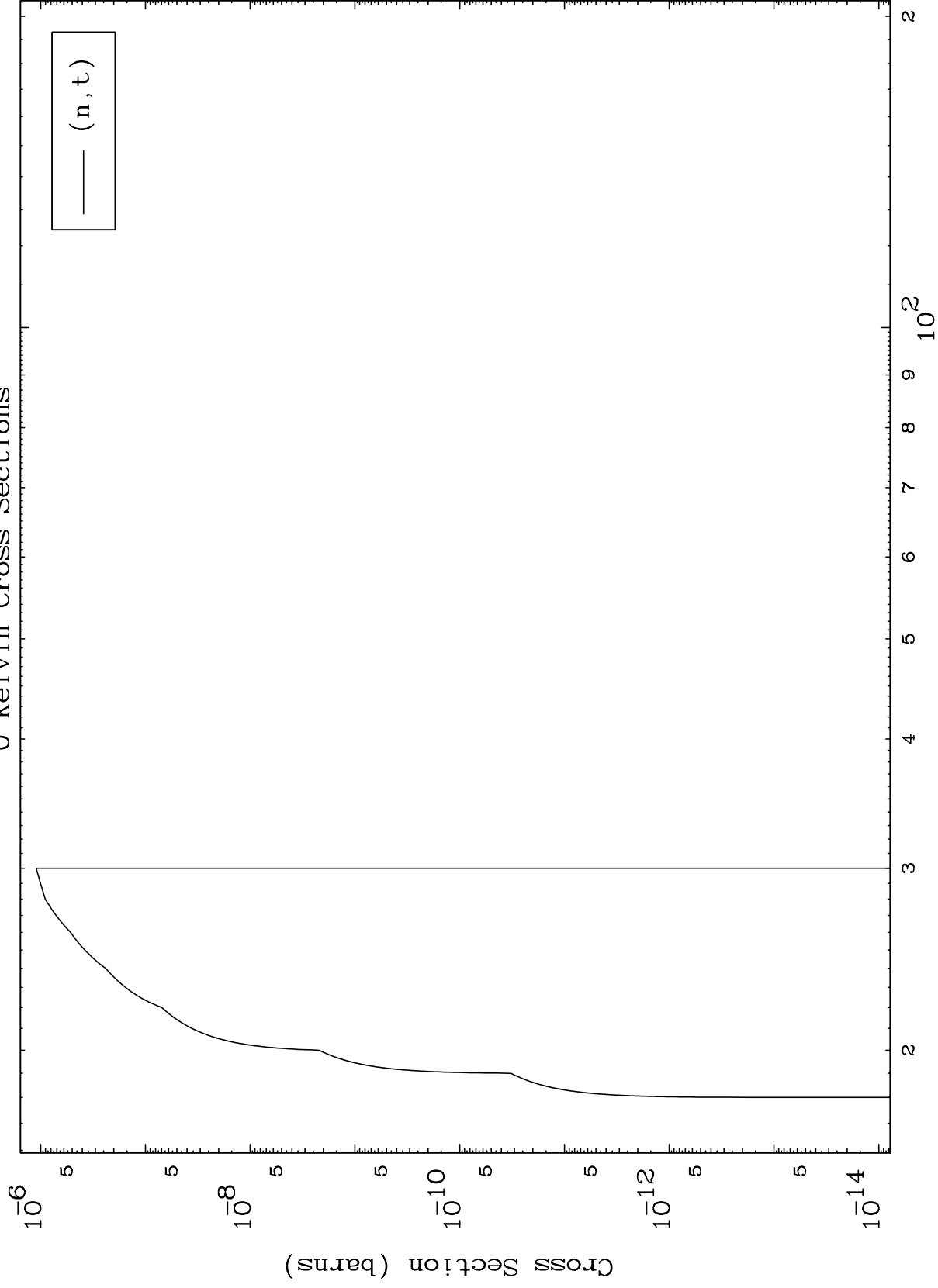
Incident Energy (MeV)

35-Br-82m

MAT 3535

(γ, t) Levels
0 Kelvin Cross Sections

35-Br-82m



9

Incident Energy (MeV)

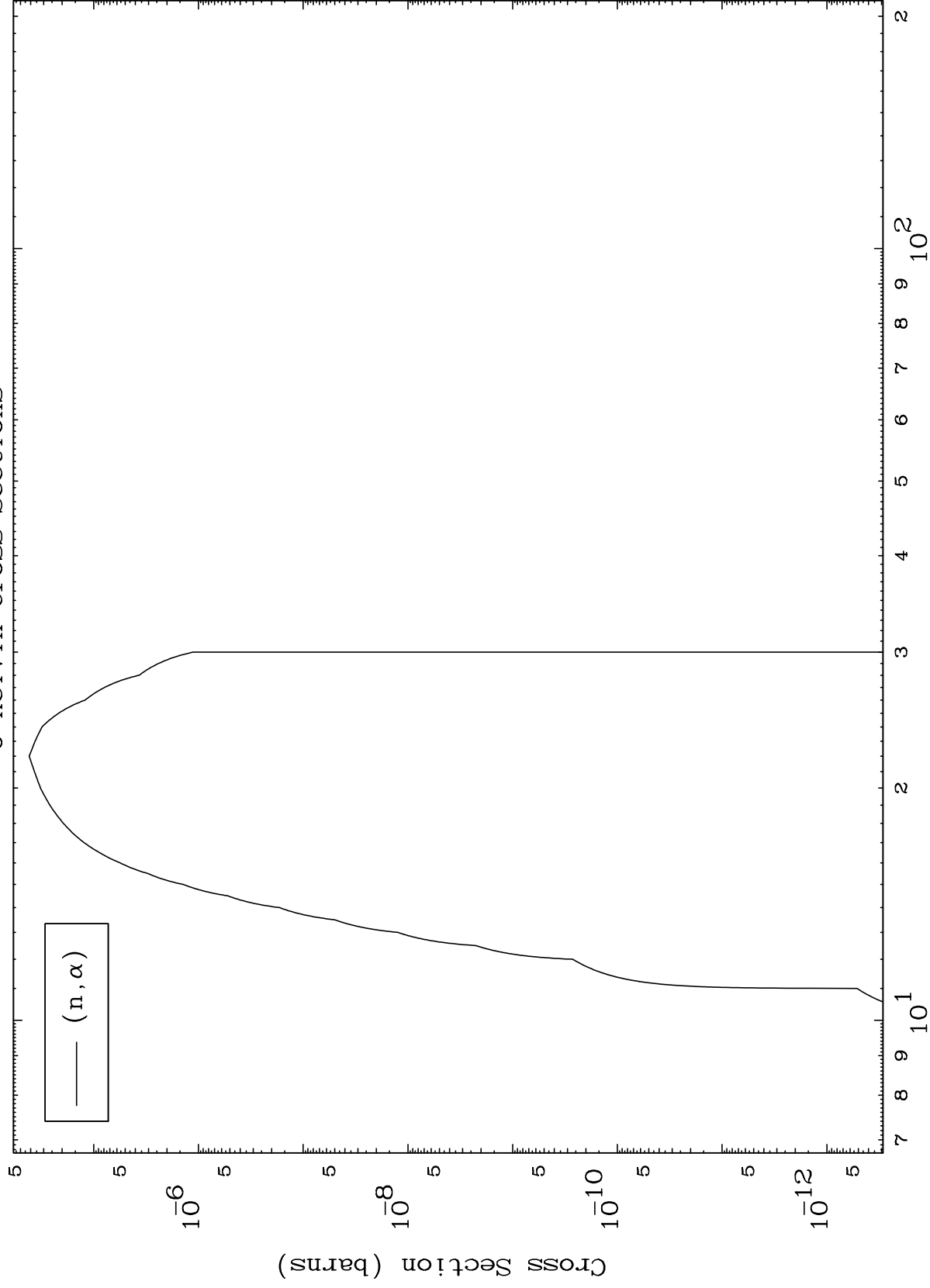
35-Br-82m

MAT 3535

(γ, α) Levels

35-Br-82m

0 Kelvin Cross Sections



10

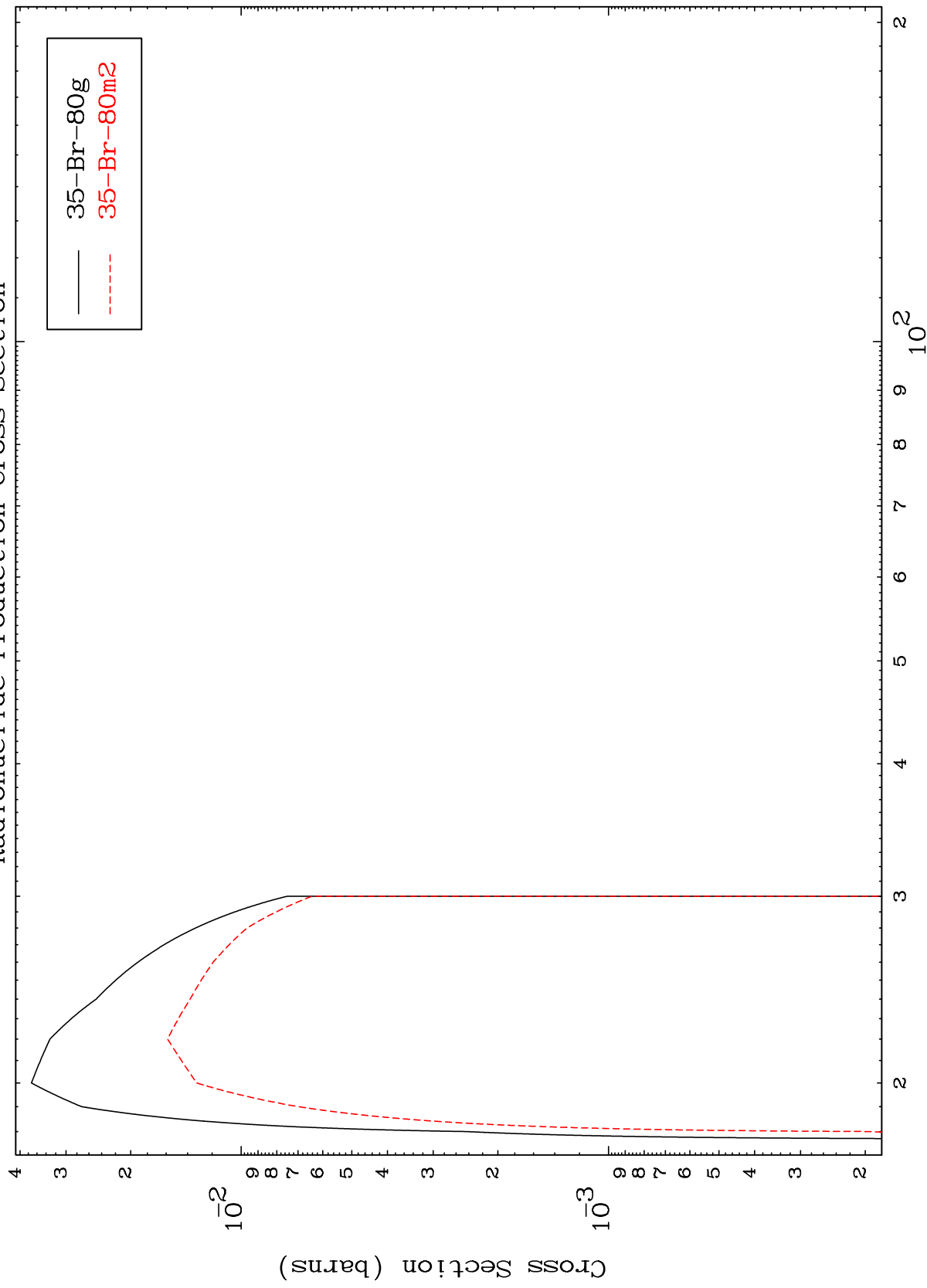
Incident Energy (MeV)

35-Br-82m

MAT 3535

35-Br-82m

(n,2n)
Radionuclide Production Cross Section



11

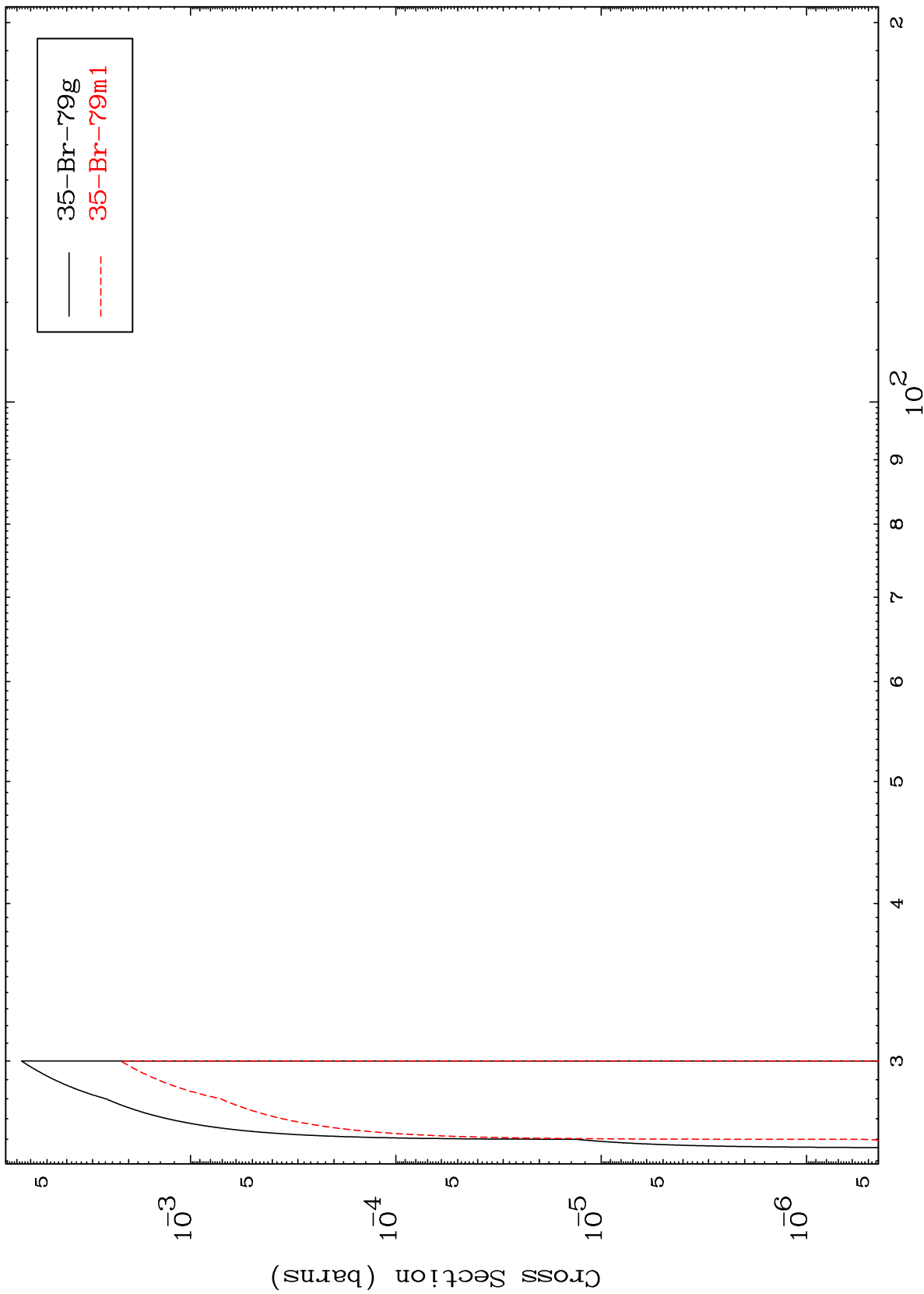
35-Br-82m

Incident Energy (MeV)

MAT 3535

35-Br-82m

(n,3n)
Radionuclide Production Cross Section



12

35-Br-82m

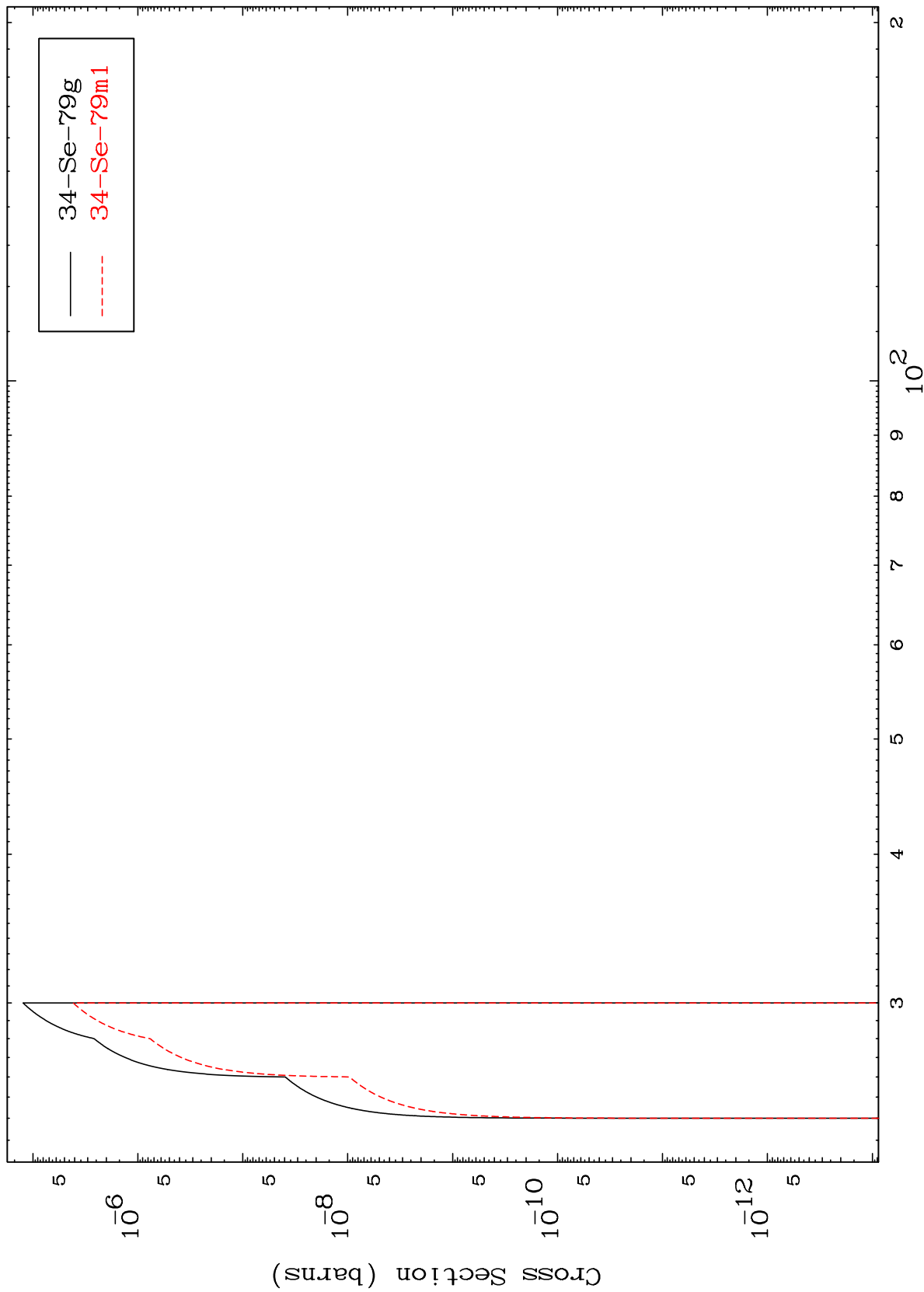
Incident Energy (MeV)

MAT 3535

$(n, n') d$

$^{35}\text{Br-82m}$

Radionuclide Production Cross Section



13

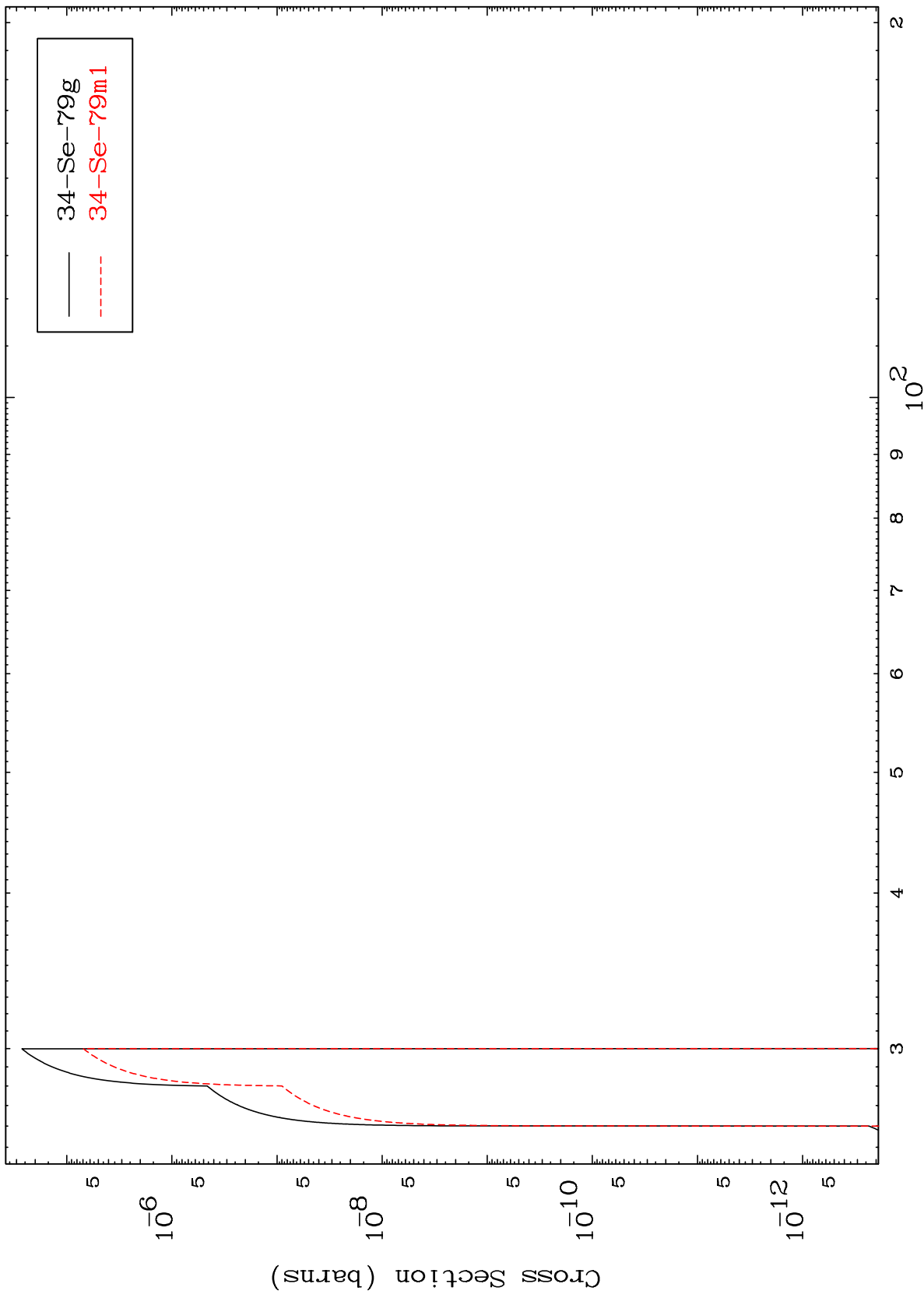
Incident Energy (MeV)

$^{35}\text{Br-82m}$

MAT 3535

35-Br-82m

(n,2n) p
Radionuclide Production Cross Section



35-Br-82m

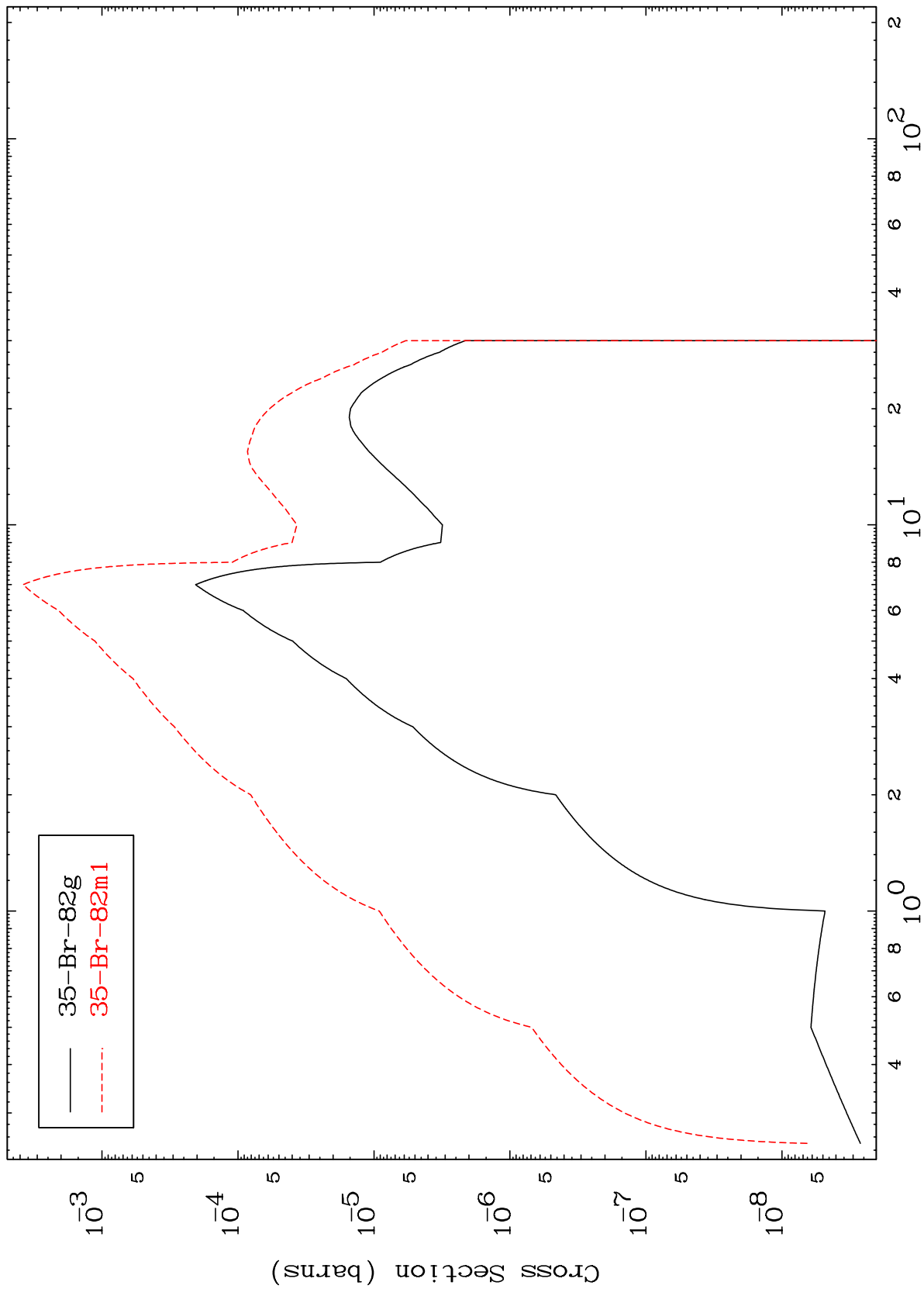
Incident Energy (MeV)

14

MAT 3535

³⁵Br-82m

Radionuclide Production Cross Section



— 35-Br-82g
- - - 35-Br-82m1

³⁵Br-82m

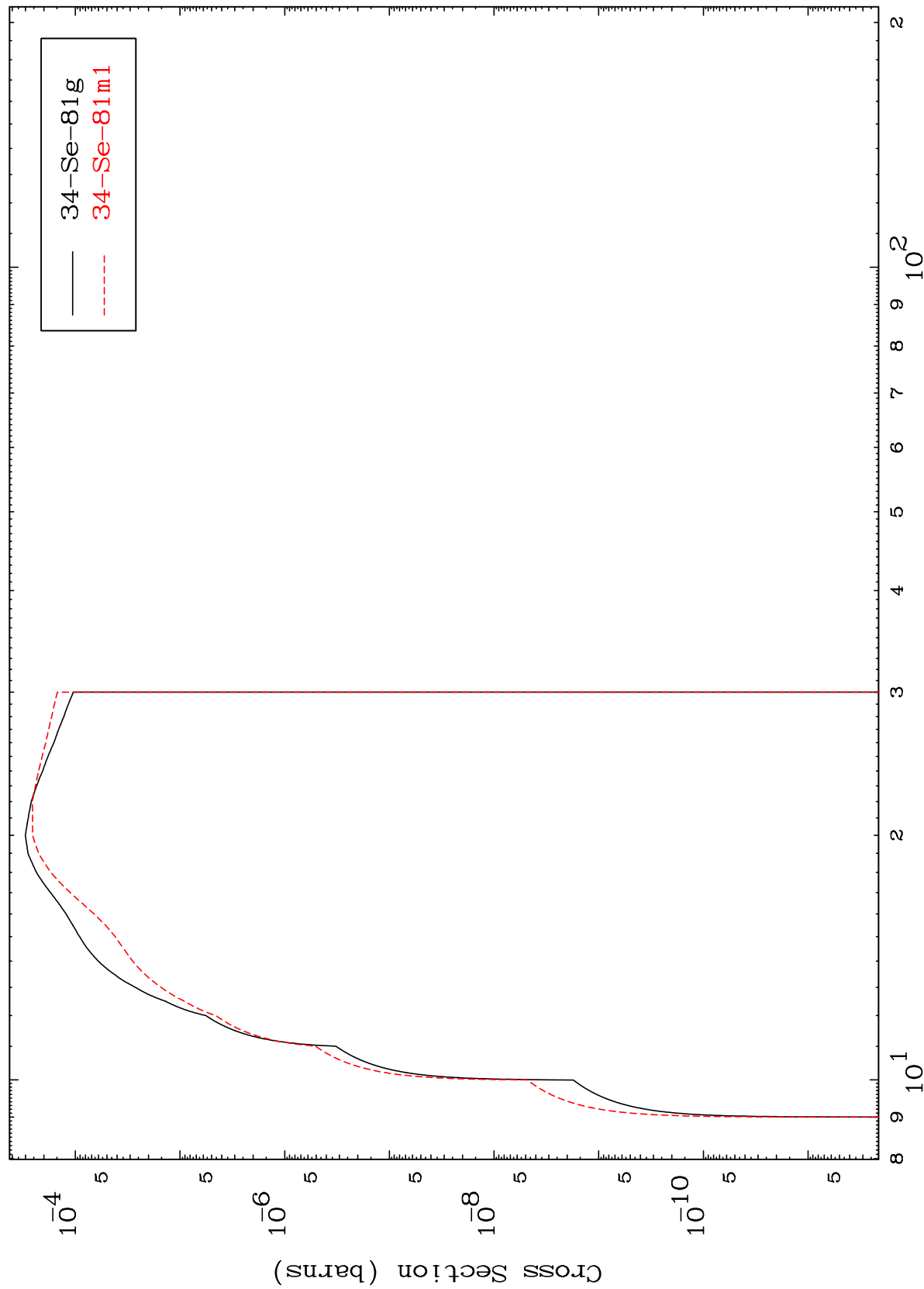
Incident Energy (MeV)

15

MAT 3535

35-Br-82m

(n,p)
Radionuclide Production Cross Section



35-Br-82m

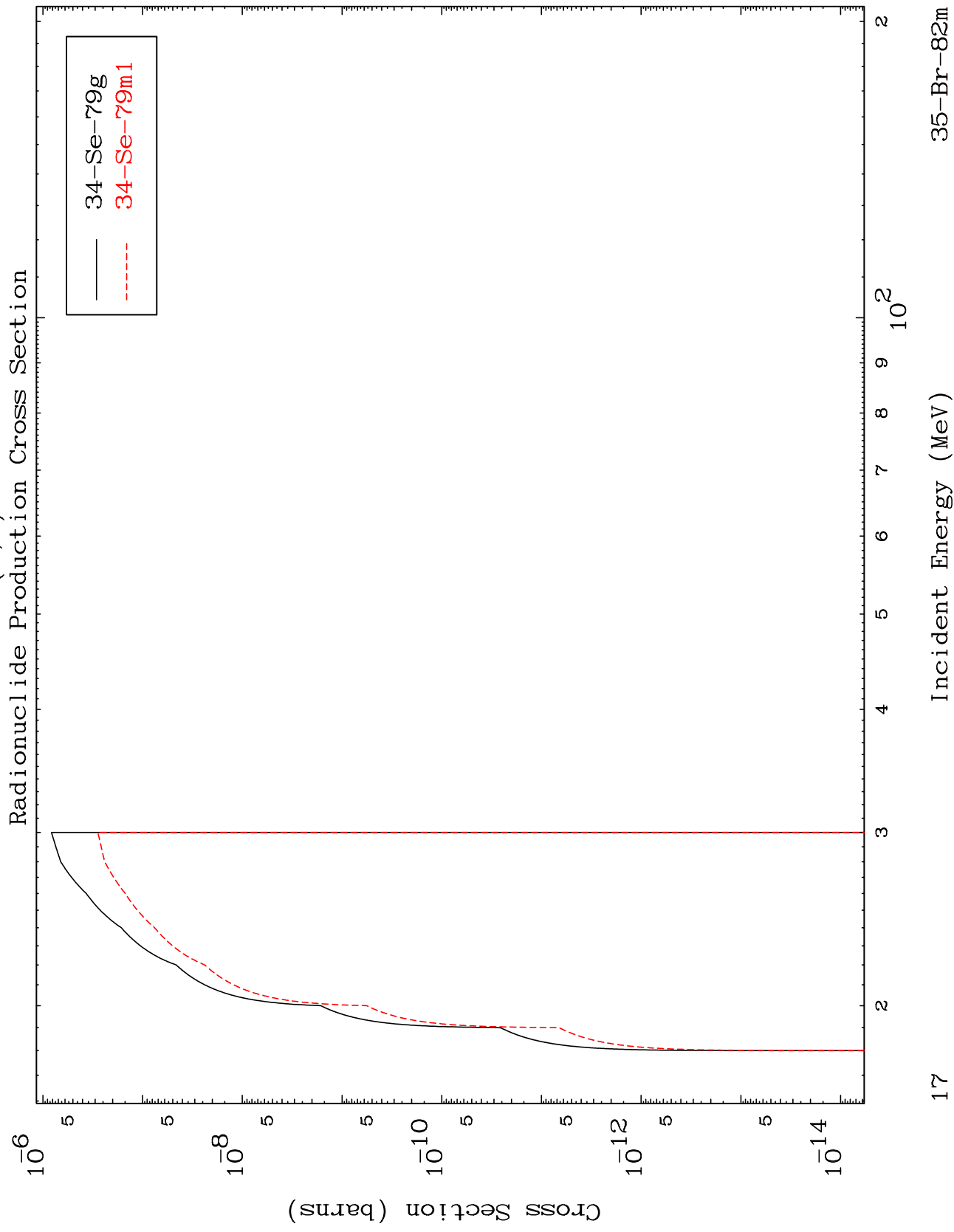
Incident Energy (MeV)

16

MAT 3535

(n, t)

35-Br-82m

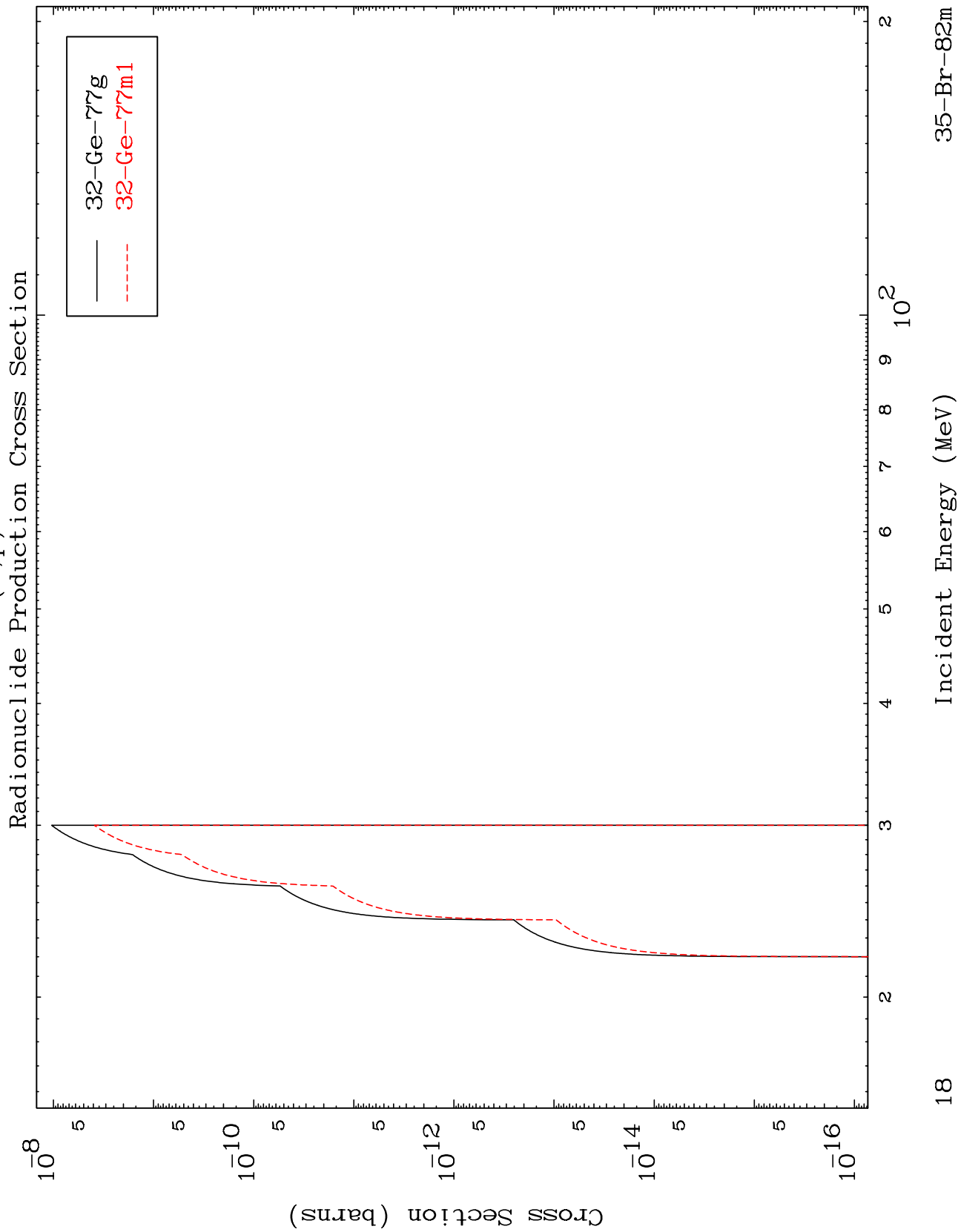


17

MAT 3535

(n,p) α

³⁵Br-⁸²m



18

³⁵Br-⁸²m