

Program EVALPLOT
(Version 2021-1)

by

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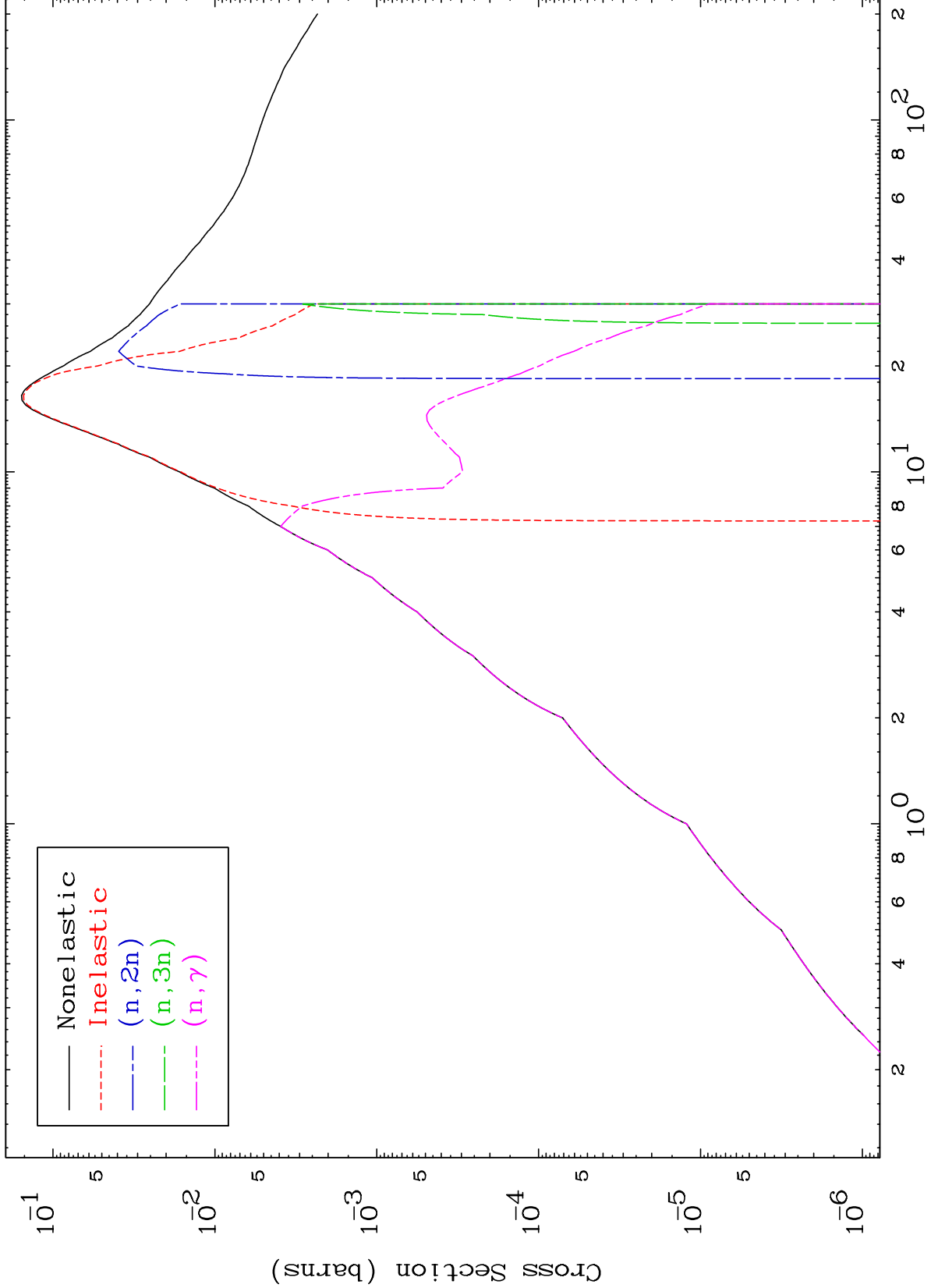
Press Mouse Button to Start

MAT 3435

Photon Major

34-Se-77m

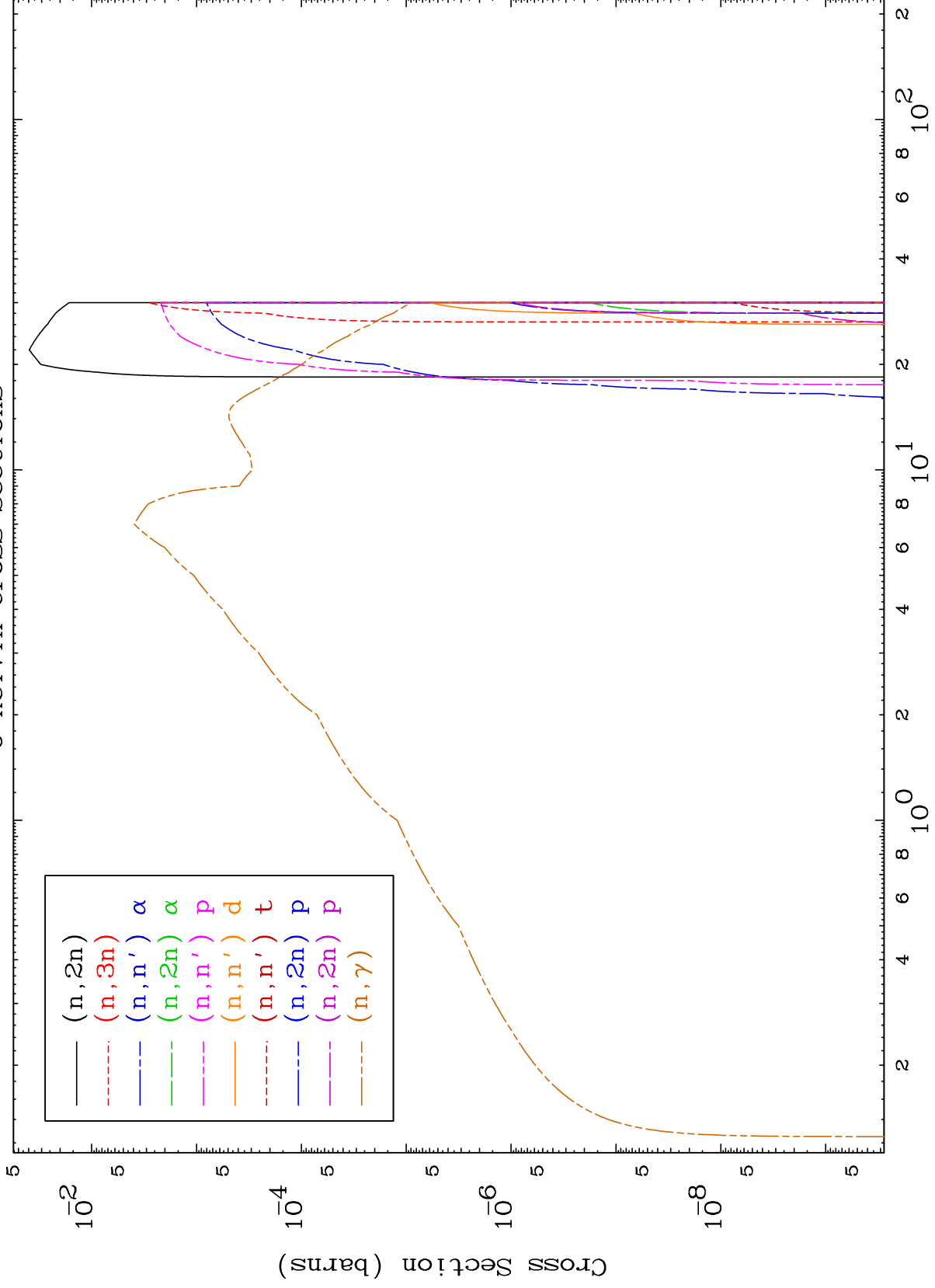
0 Kelvin Cross Sections



MAT 3435

Photon Neutron Absorption
0 Kelvin Cross Sections

³⁴Se-77m



³⁴Se-77m

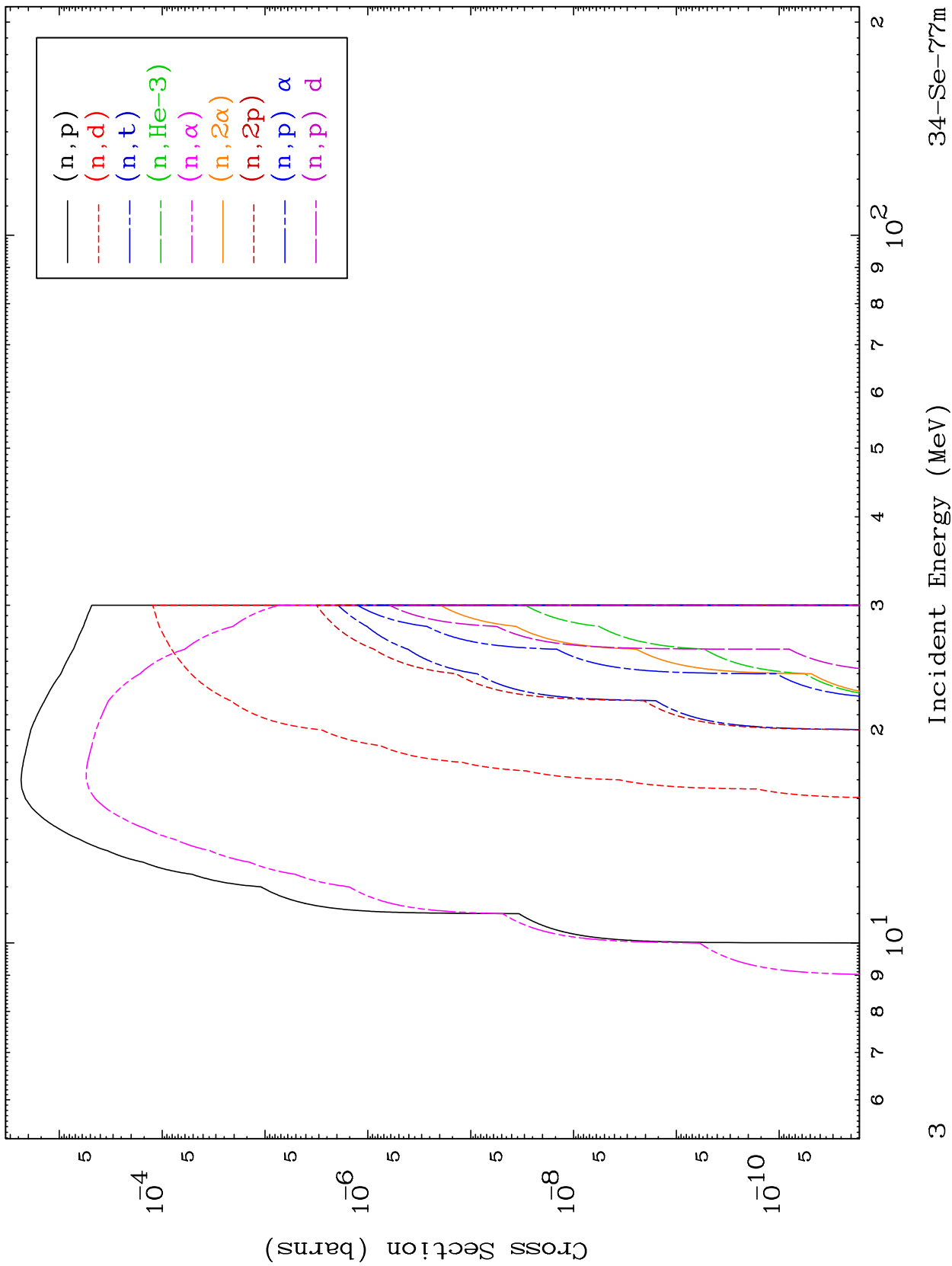
Incident Energy (MeV)

2

MAT 3435

Photon Neutron Absorption
0 Kelvin Cross Sections

³⁴Se-77m



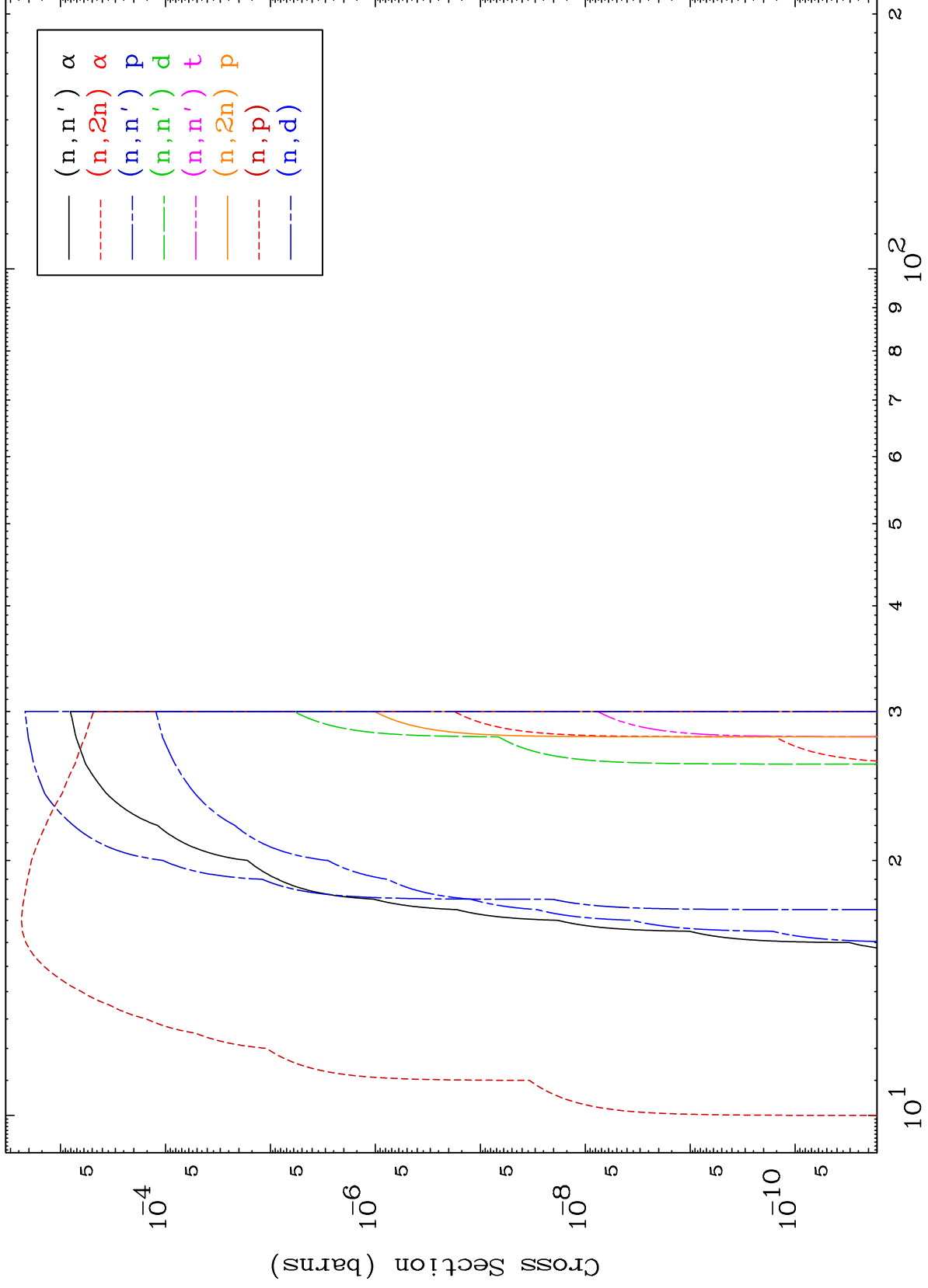
³⁴Se-77m

Incident Energy (MeV)

MAT 3435

Photon Charged Particle
0 Kelvin Cross Sections

³⁴Se-77m



³⁴Se-77m

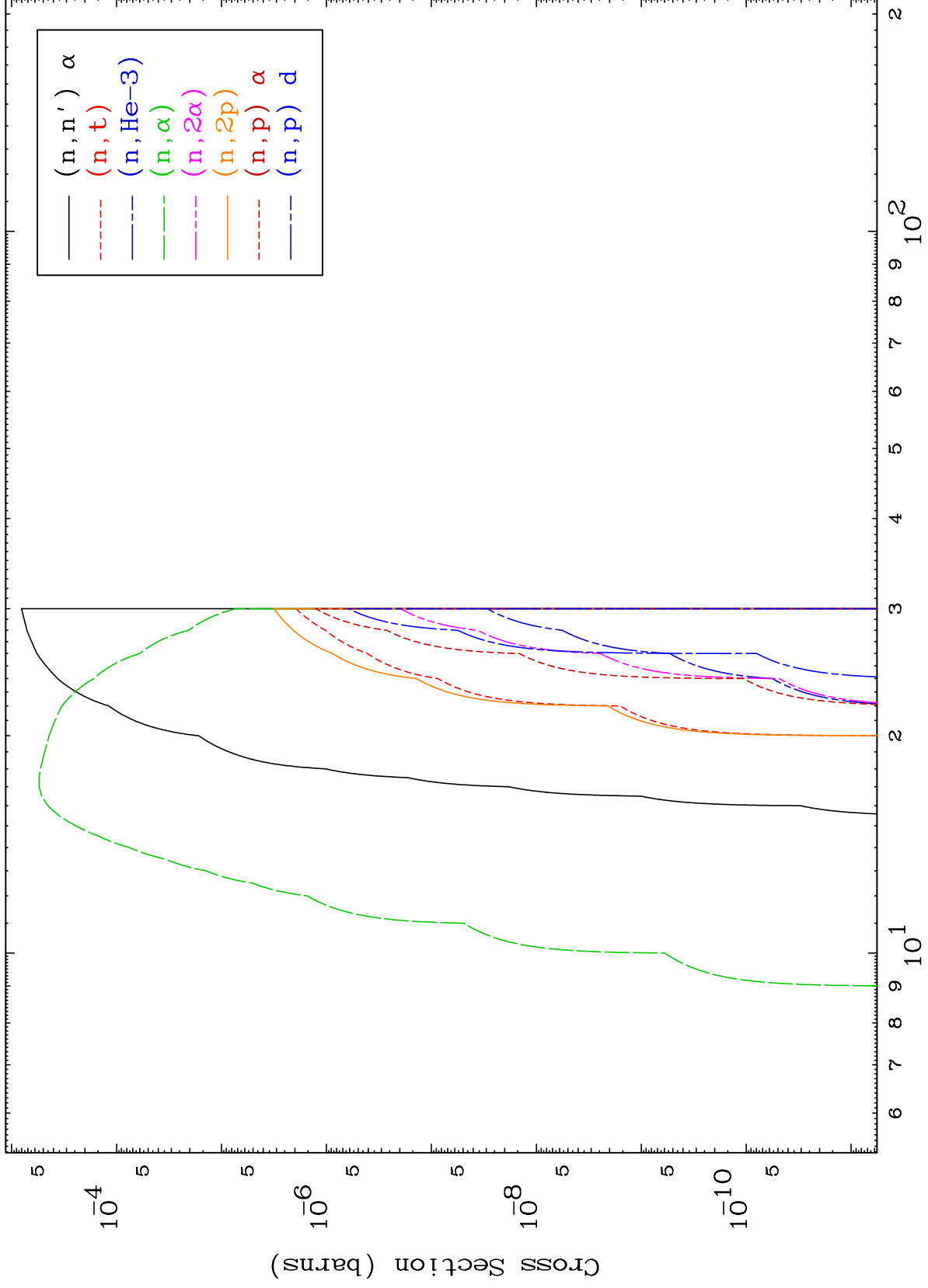
Incident Energy (MeV)

4

MAT 3435

Photon Charged Particle
0 Kelvin Cross Sections

³⁴Se-77m



5

Incident Energy (MeV)

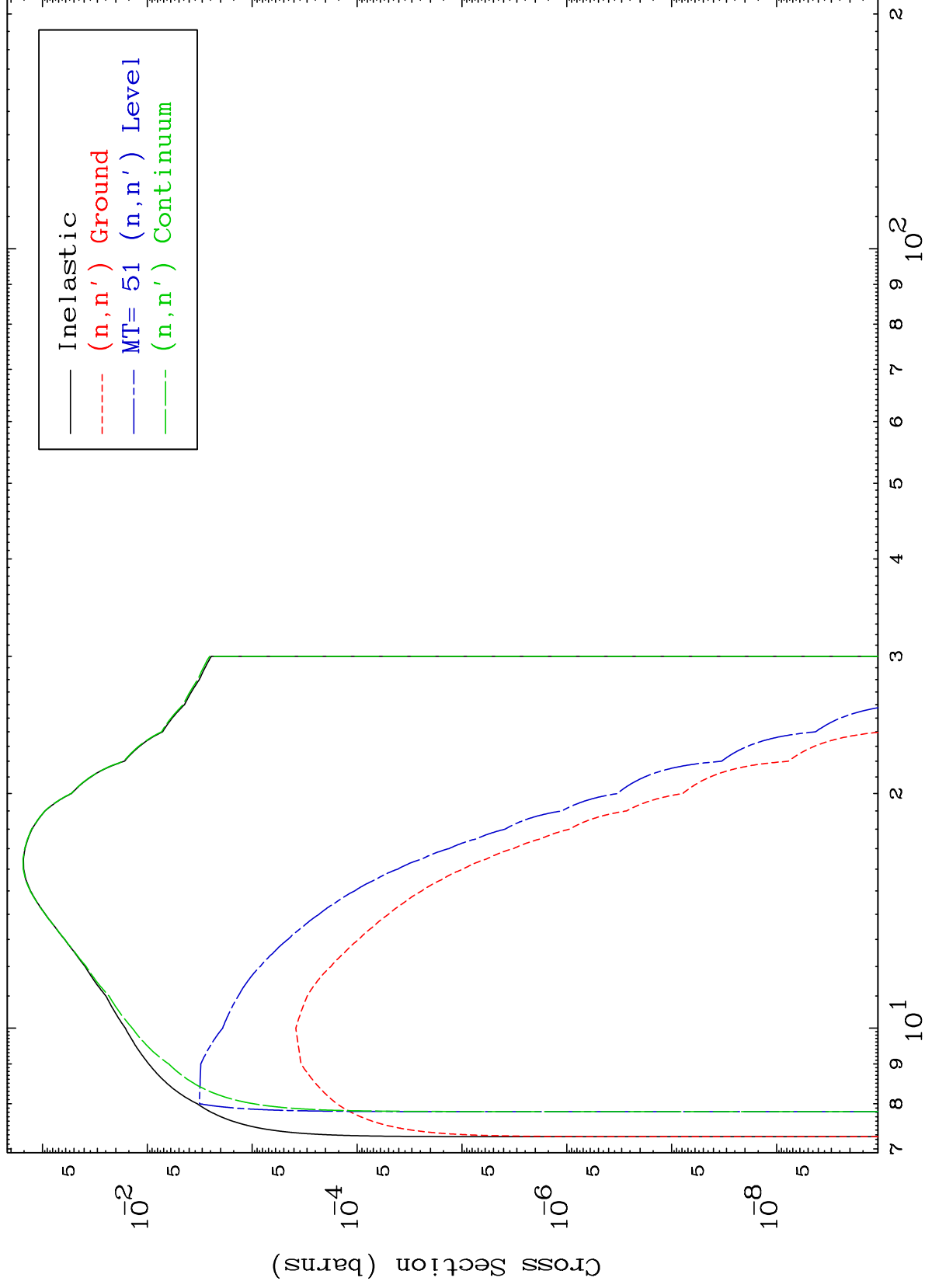
³⁴Se-77m

MAT 3435

(γ, n') Levels

34-Se-77m

0 Kelvin Cross Sections



Incident Energy (MeV)

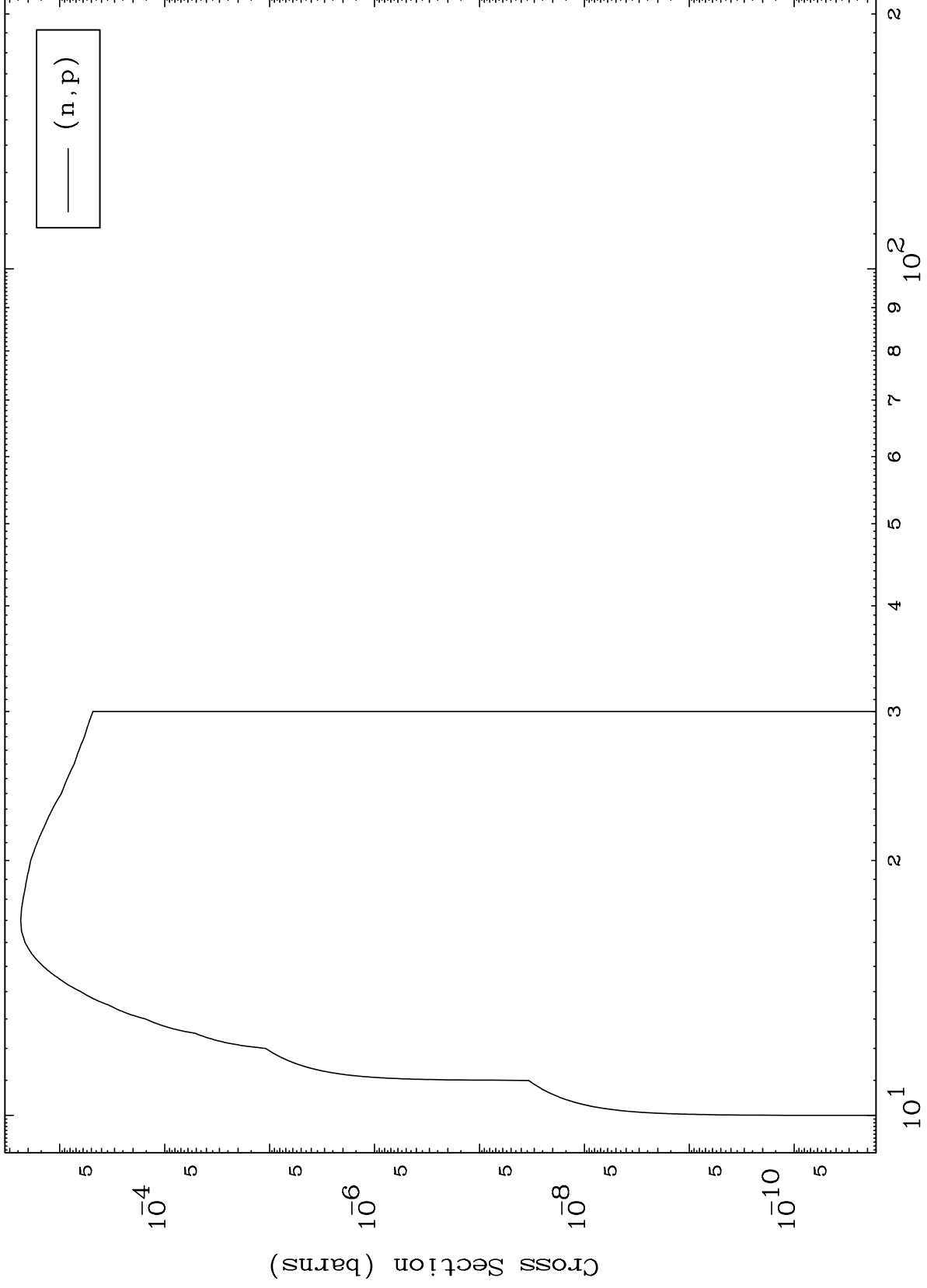
34-Se-77m

6

MAT 3435

(γ, p) Levels
0 Kelvin Cross Sections

$^{34}\text{Se-77m}$



$^{34}\text{Se-77m}$

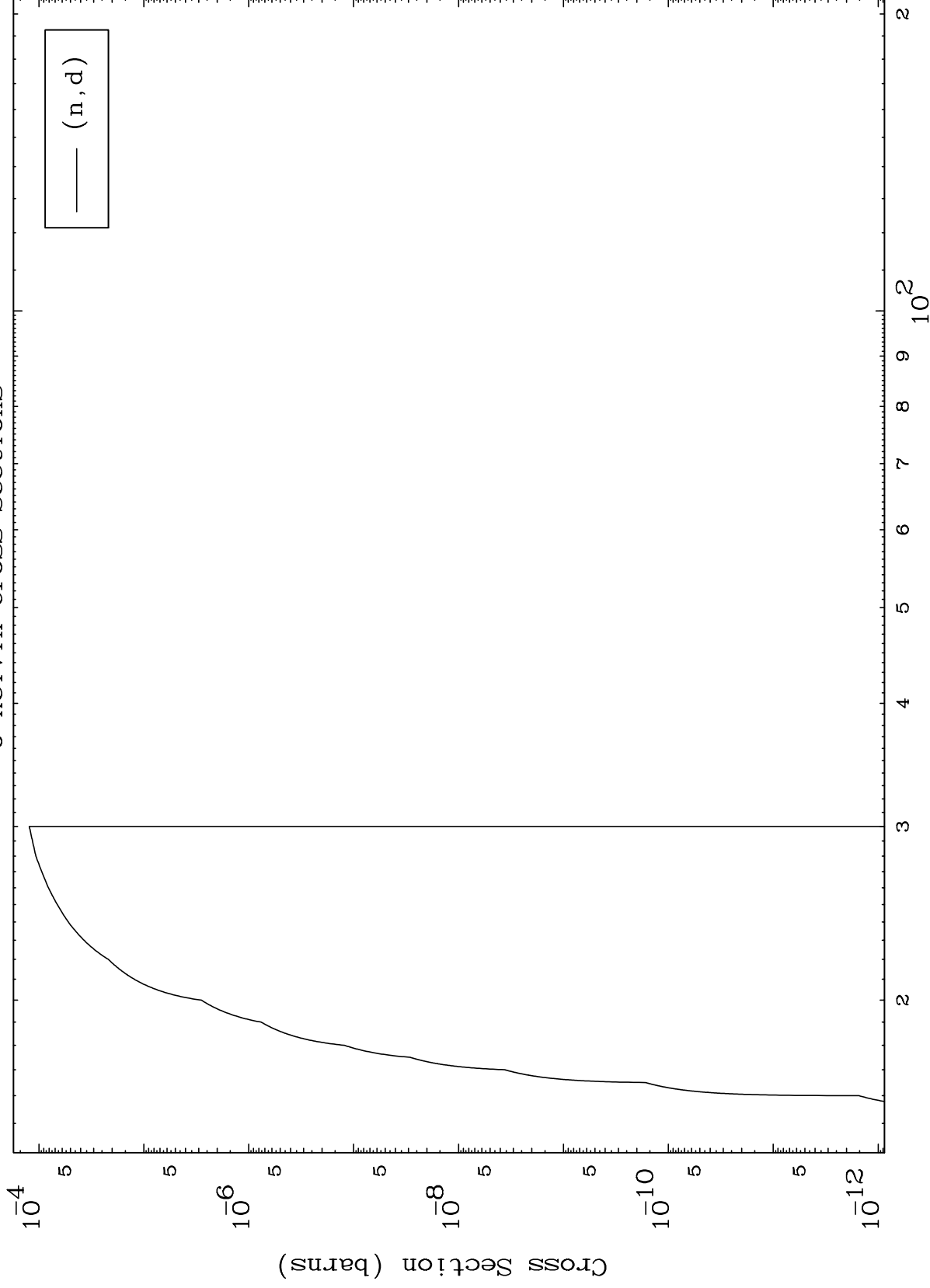
Incident Energy (MeV)

7

MAT 3435

(γ, d) Levels
0 Kelvin Cross Sections

³⁴Se-⁷⁷m



8

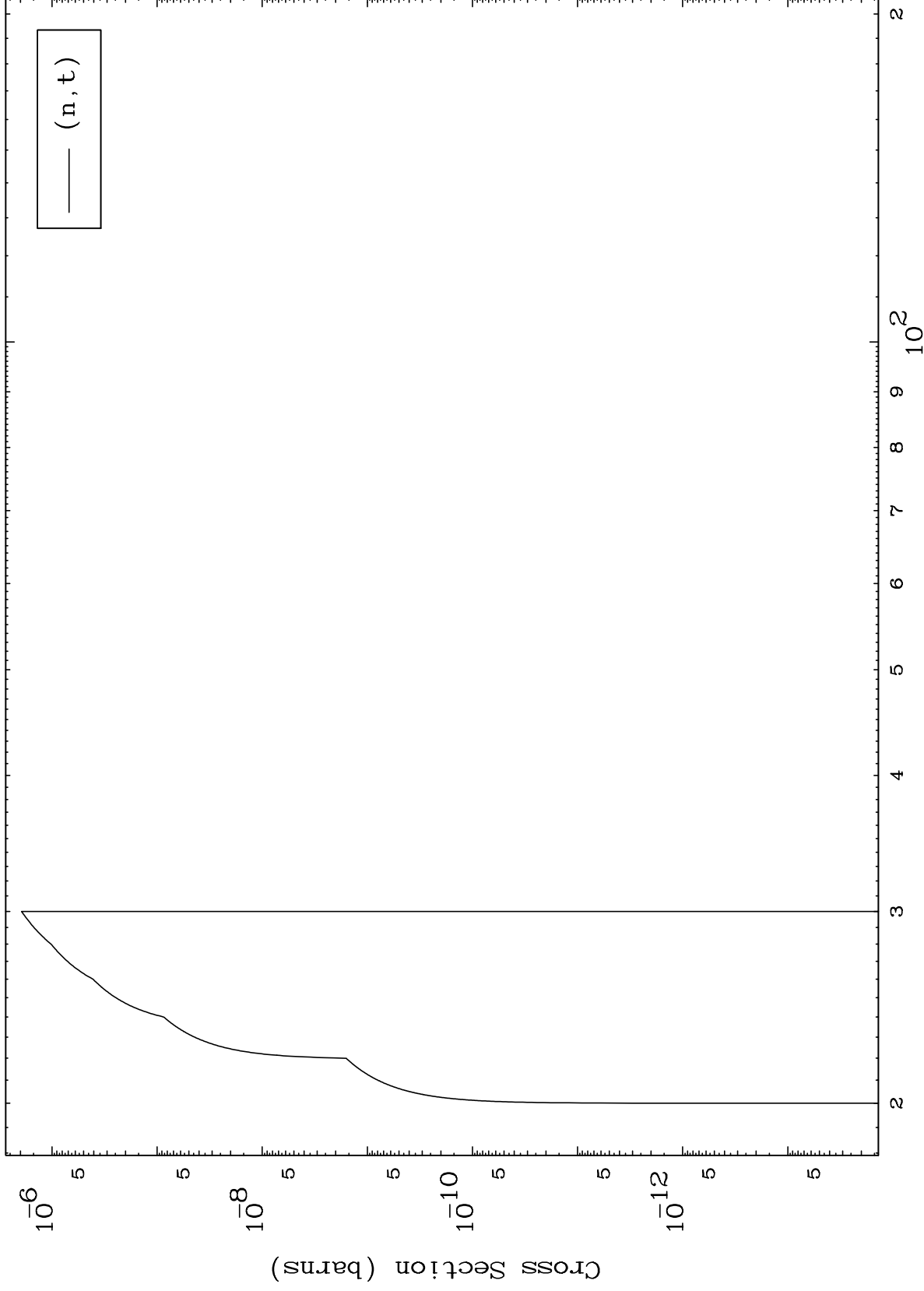
Incident Energy (MeV)

³⁴Se-⁷⁷m

MAT 3435

(γ, t) Levels
0 Kelvin Cross Sections

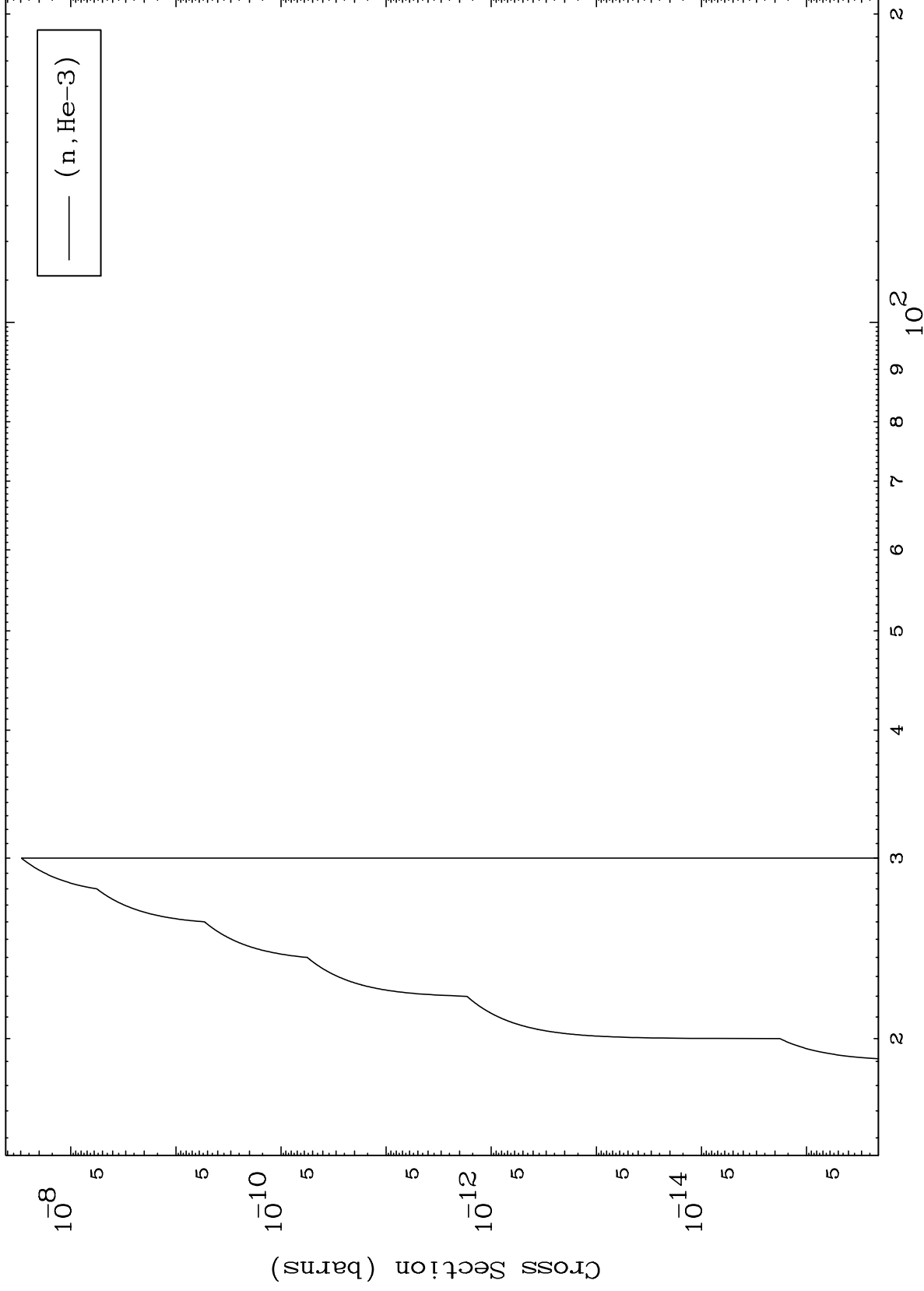
³⁴Se-77m



MAT 3435

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

34-Se-77m



10

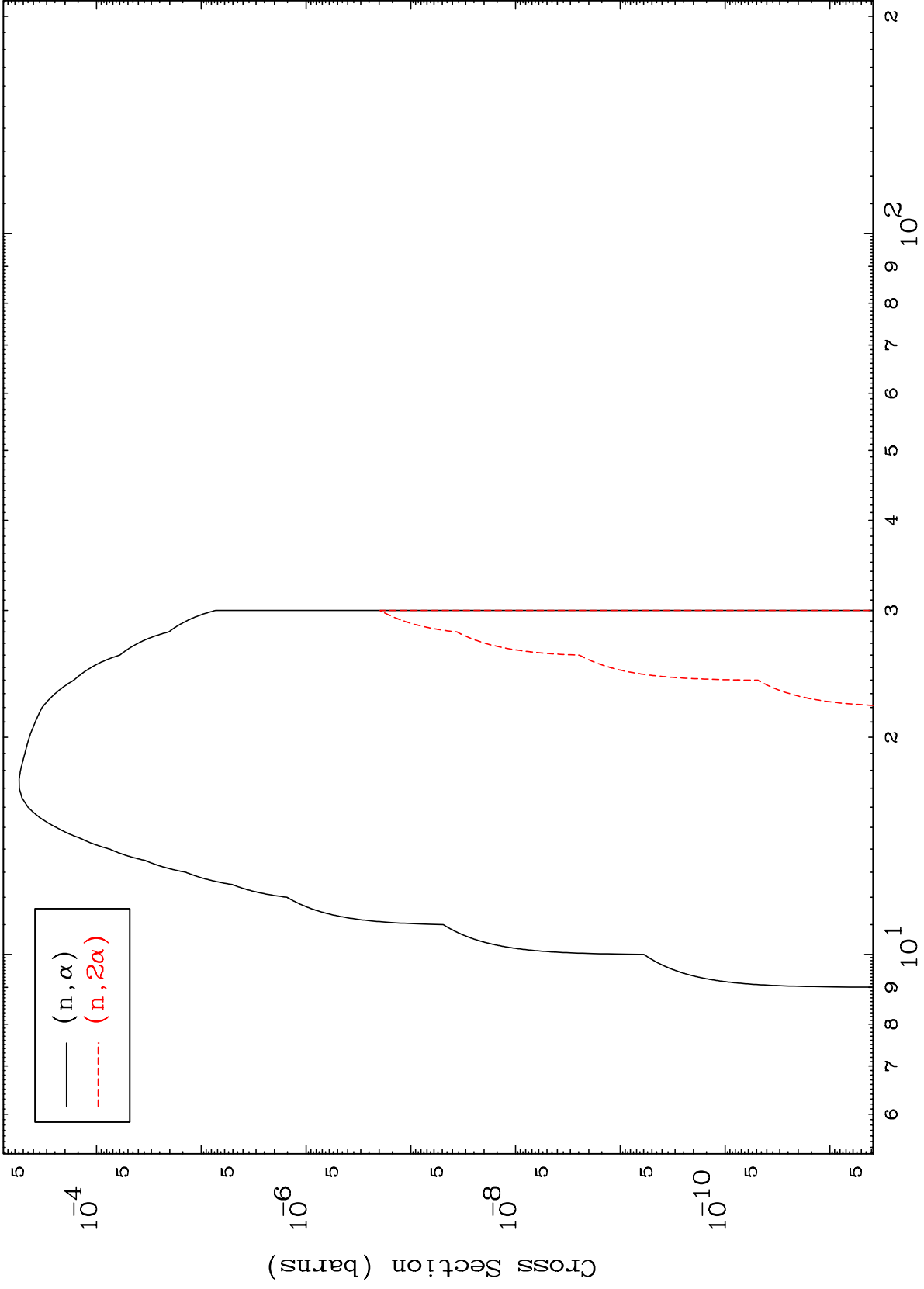
Incident Energy (MeV)

34-Se-77m

MAT 3435

(γ, α) Levels
0 Kelvin Cross Sections

$^{34}\text{Se-77m}$



11

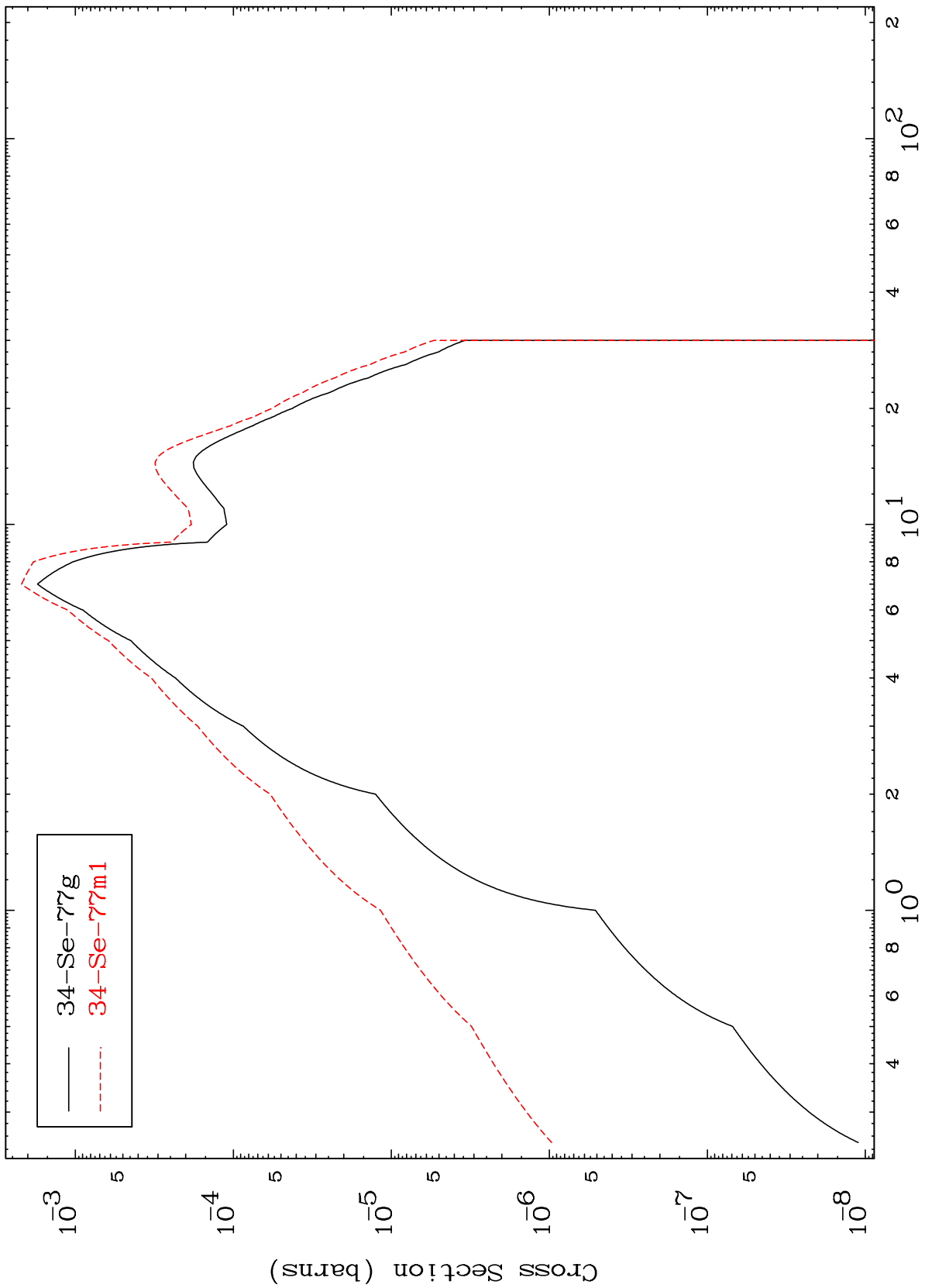
Incident Energy (MeV)

$^{34}\text{Se-77m}$

MAT 3435

³⁴Se-^{77m}

Radionuclide Production Cross Section (n,γ)



Legend:
— 34-Se-77g
- - - 34-Se-77m1

12

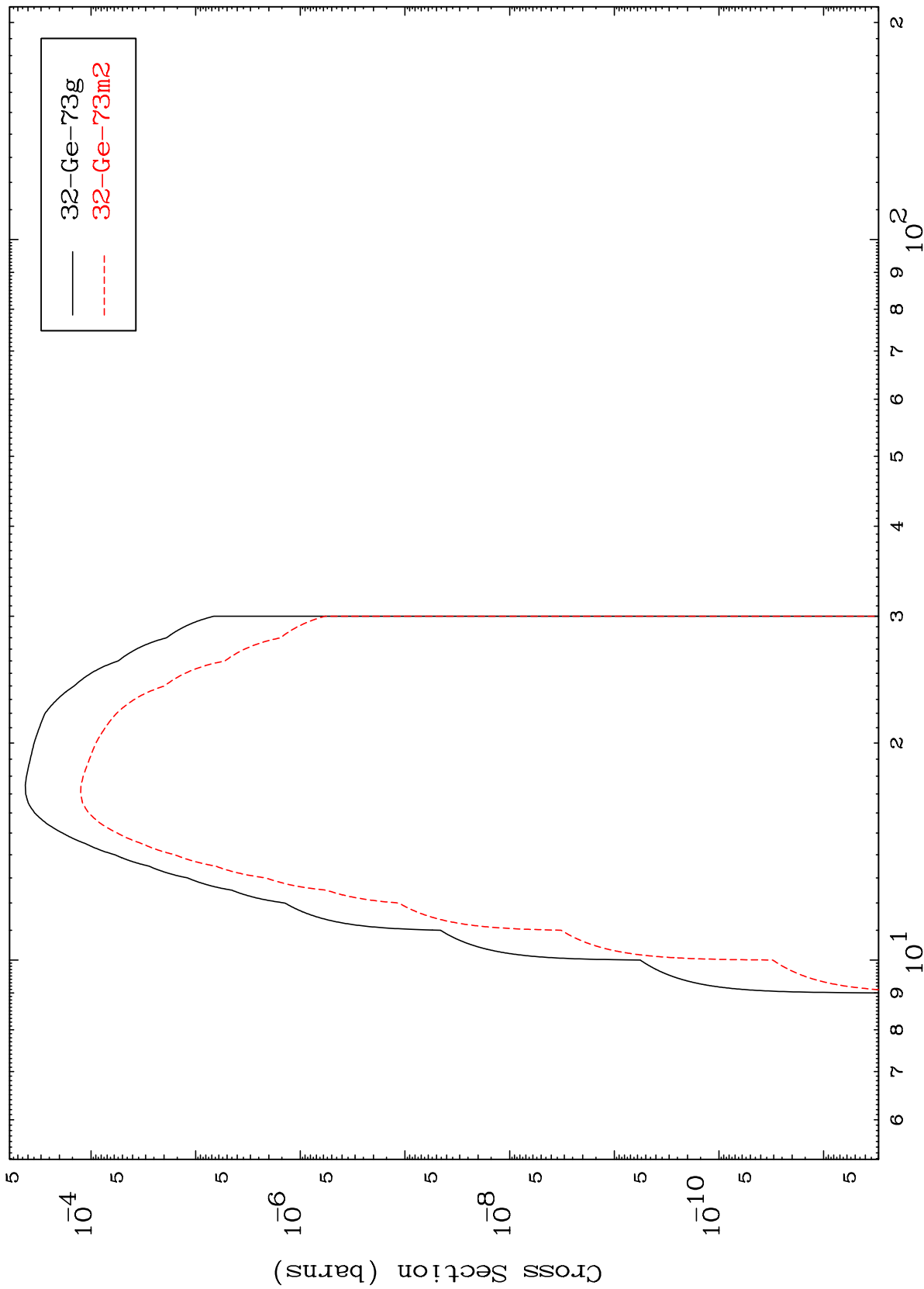
Incident Energy (MeV)

³⁴Se-^{77m}

MAT 3435

34-^{77m}Se

(n,α)
Radionuclide Production Cross Section



13

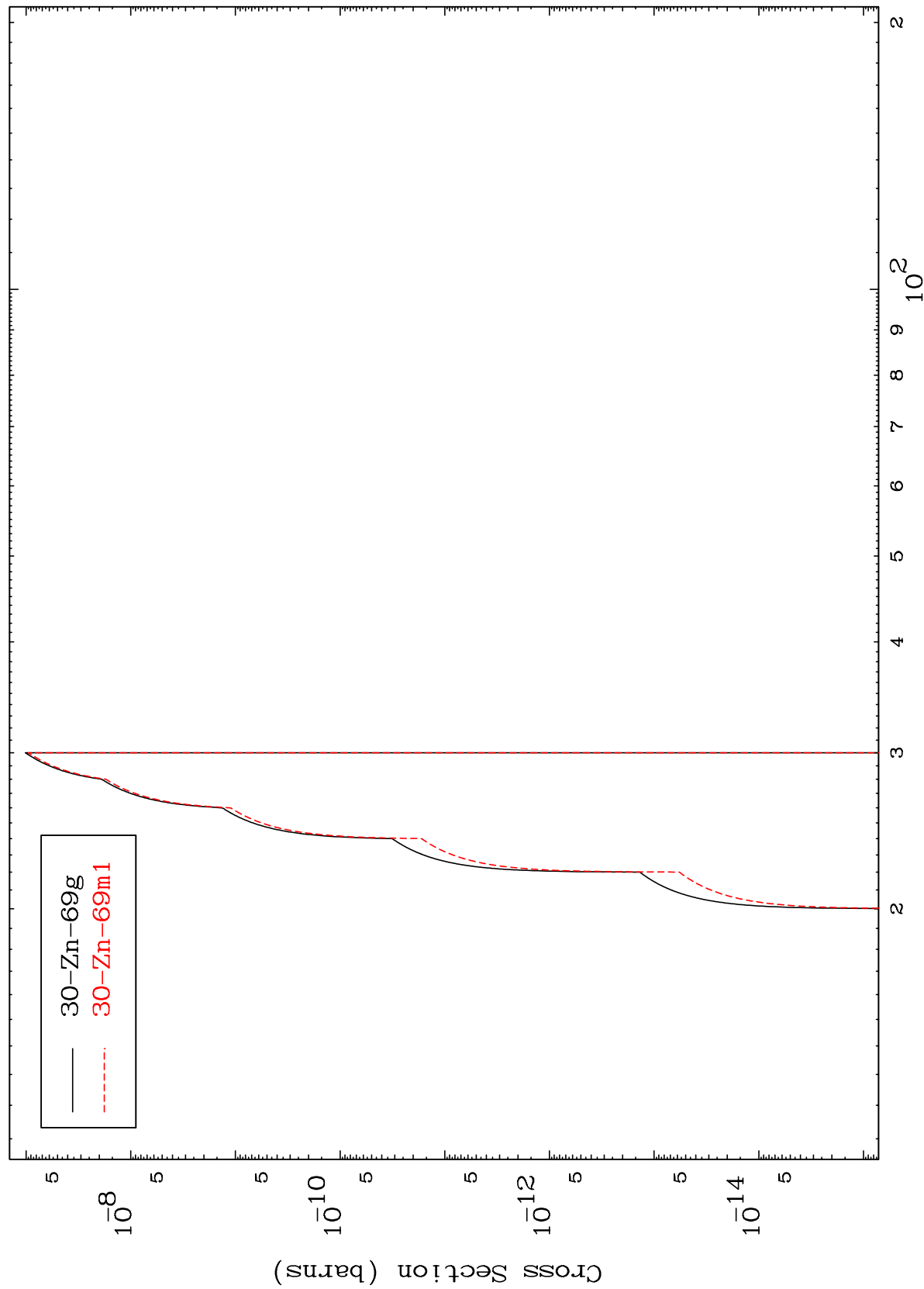
Incident Energy (MeV)

34-^{77m}Se

MAT 3435

$^{34}\text{Se-}77\text{m}$

Radionuclide Production Cross Section
(n,2 α)



$^{34}\text{Se-}77\text{m}$

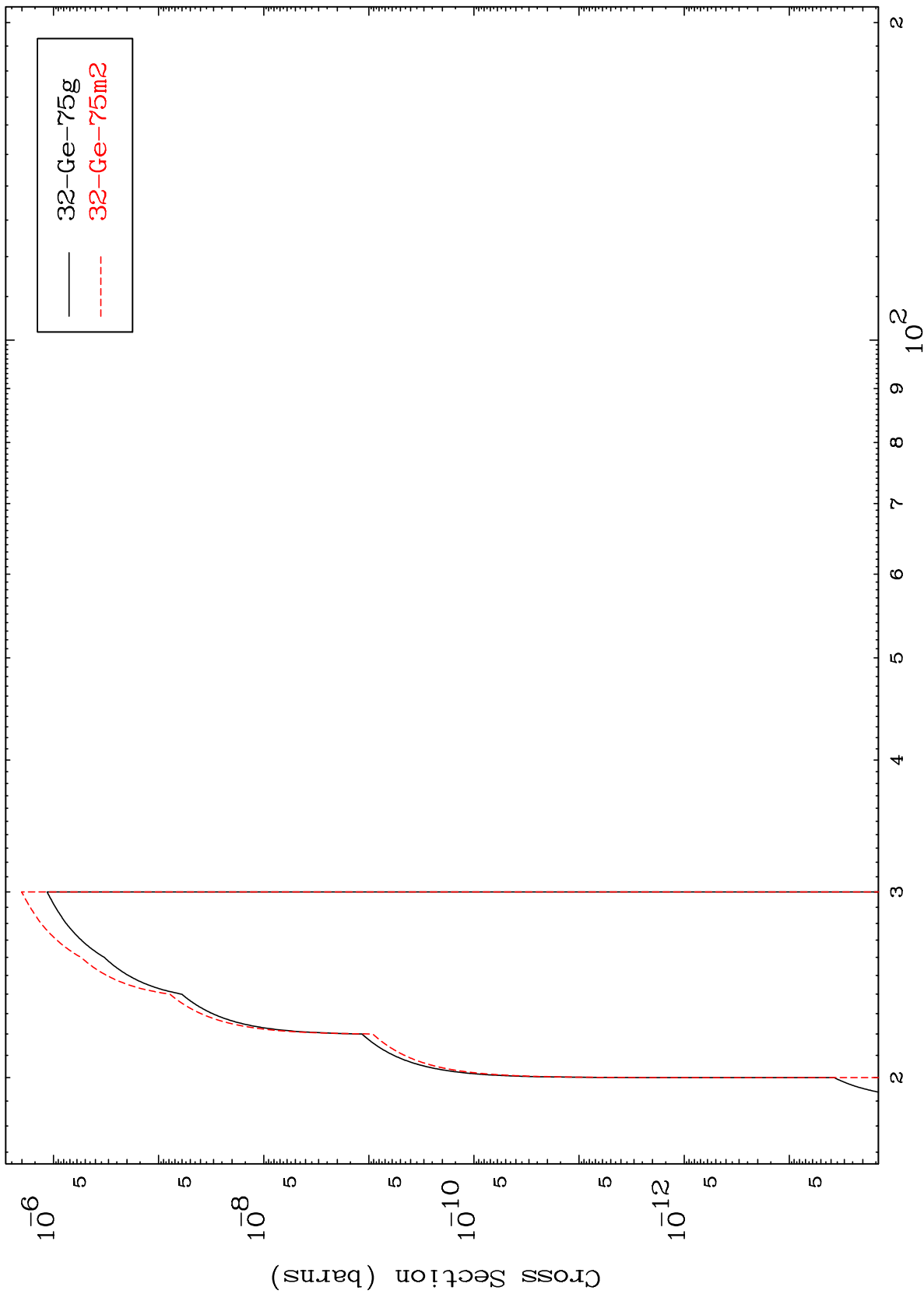
Incident Energy (MeV)

14

MAT 3435

34-⁷⁷Se

(n,2p)
Radionuclide Production Cross Section



34-⁷⁷Se

Incident Energy (MeV)

15