

Program EVALPLOT
(Version 2021-1)

by

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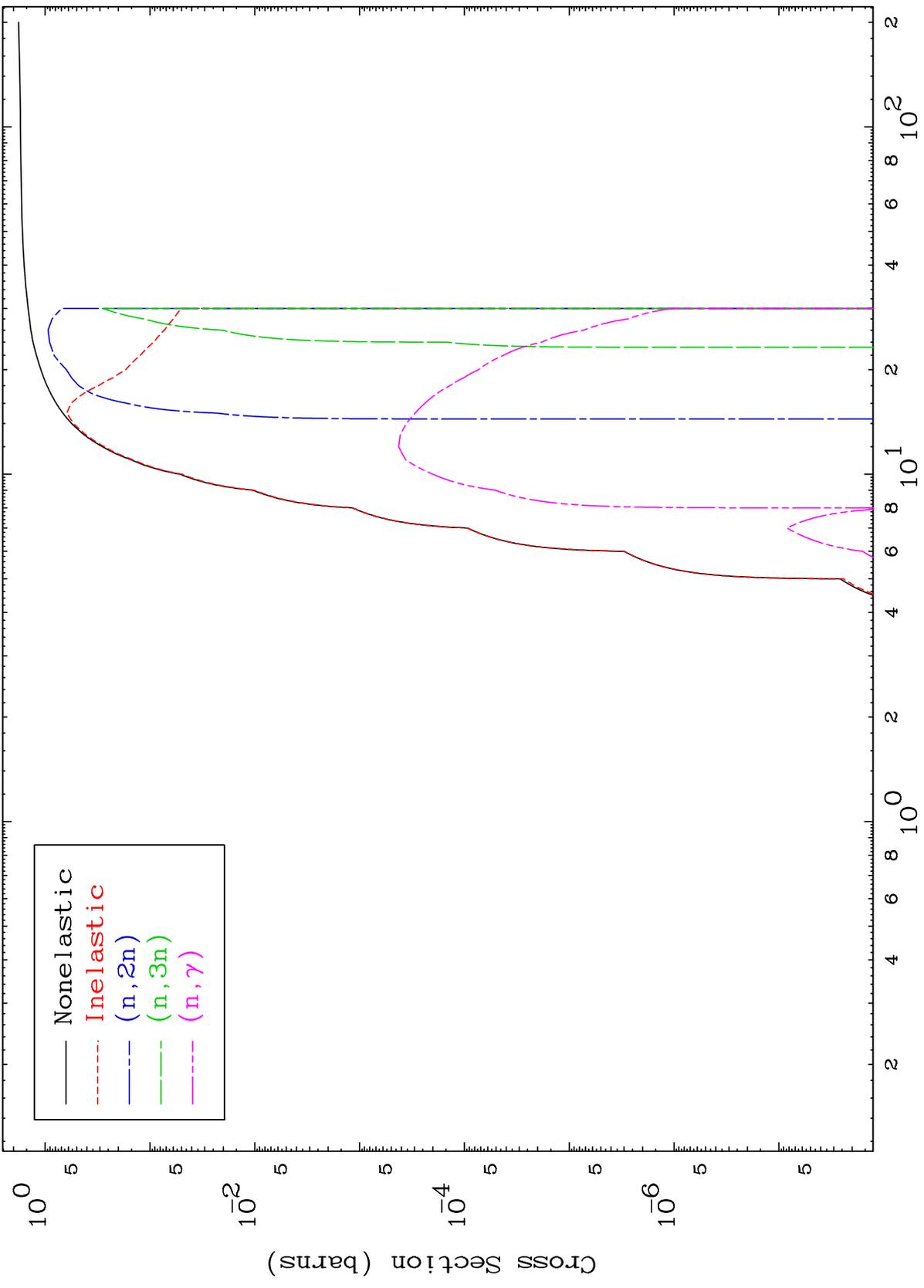
Press Mouse Button to Start

MAT 3435

α Major

34-Se-77m

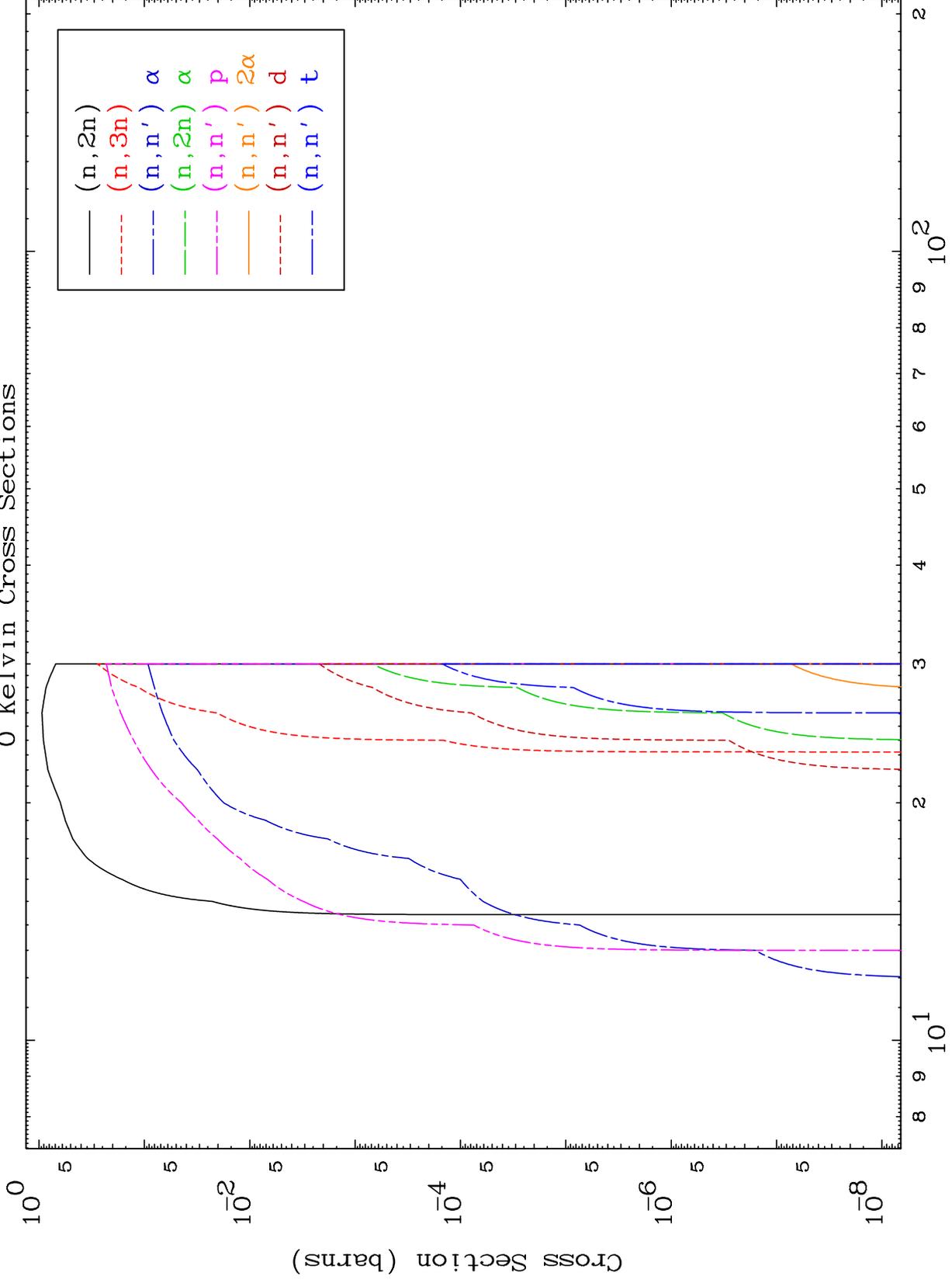
0 Kelvin Cross Sections



MAT 3435

α Neutron Absorption
0 Kelvin Cross Sections

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



2

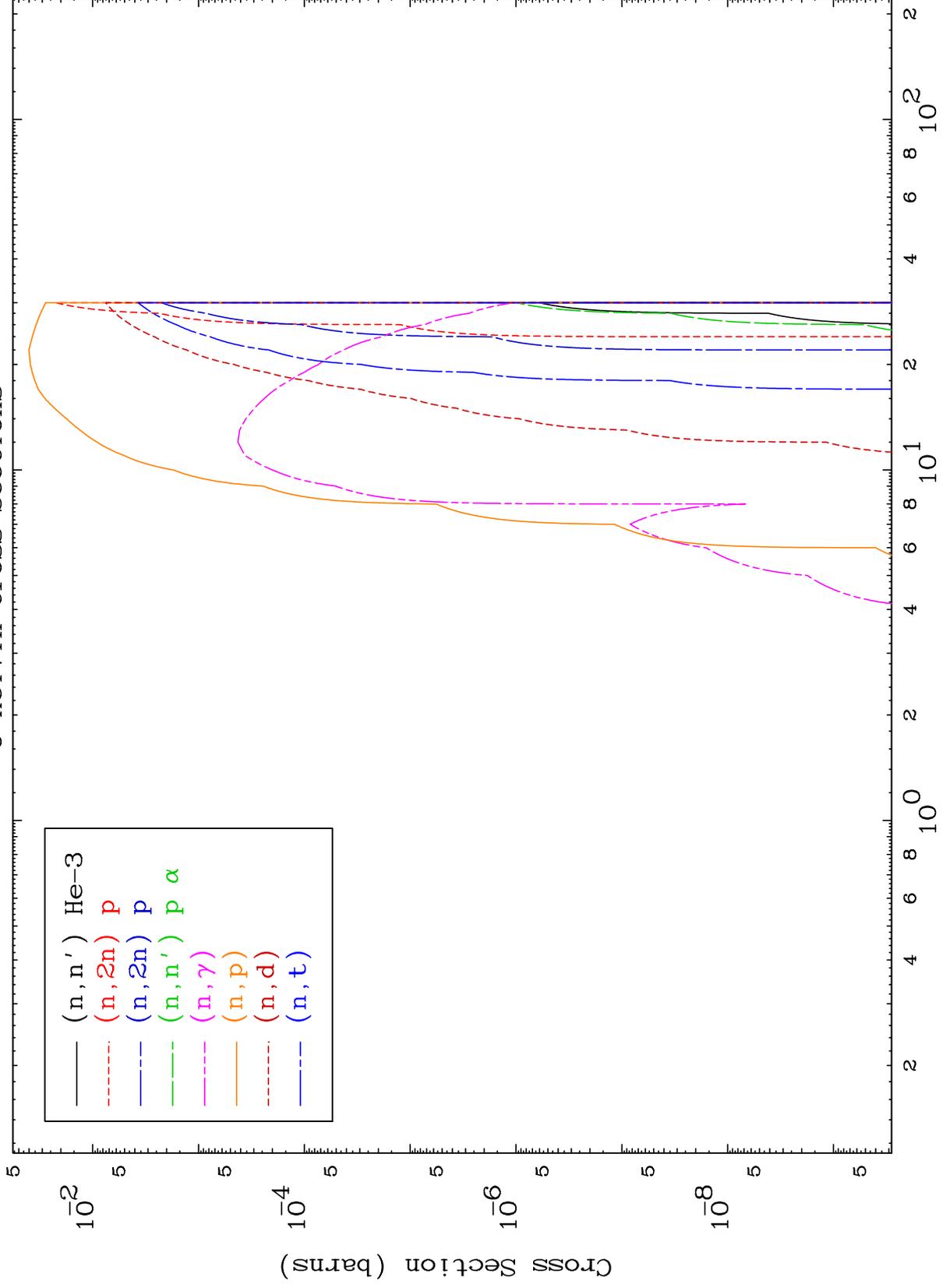
Incident Energy (MeV)

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

MAT 3435

α Neutron Absorption
0 Kelvin Cross Sections

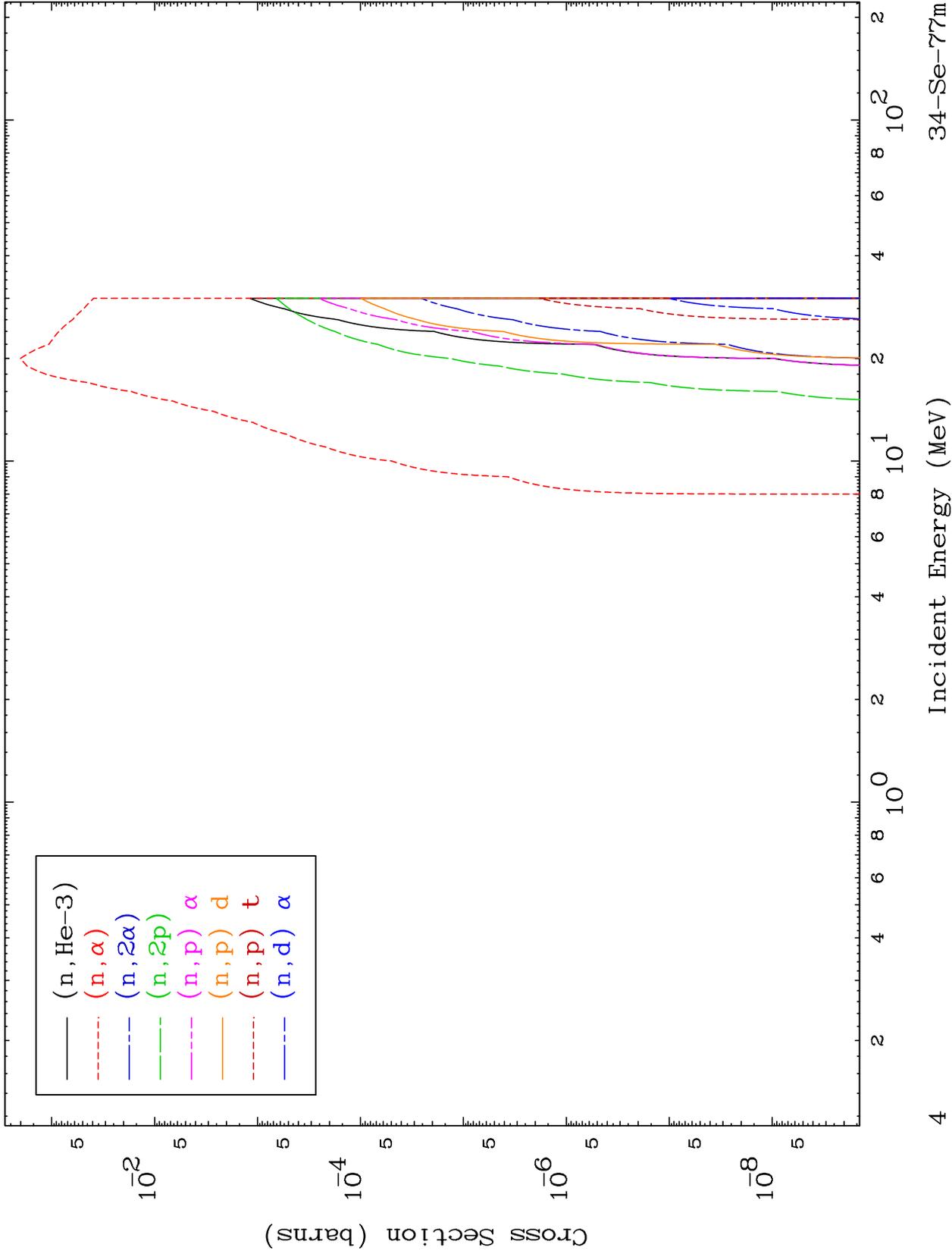
34-Se-77m



MAT 3435

α Neutron Absorption
0 Kelvin Cross Sections

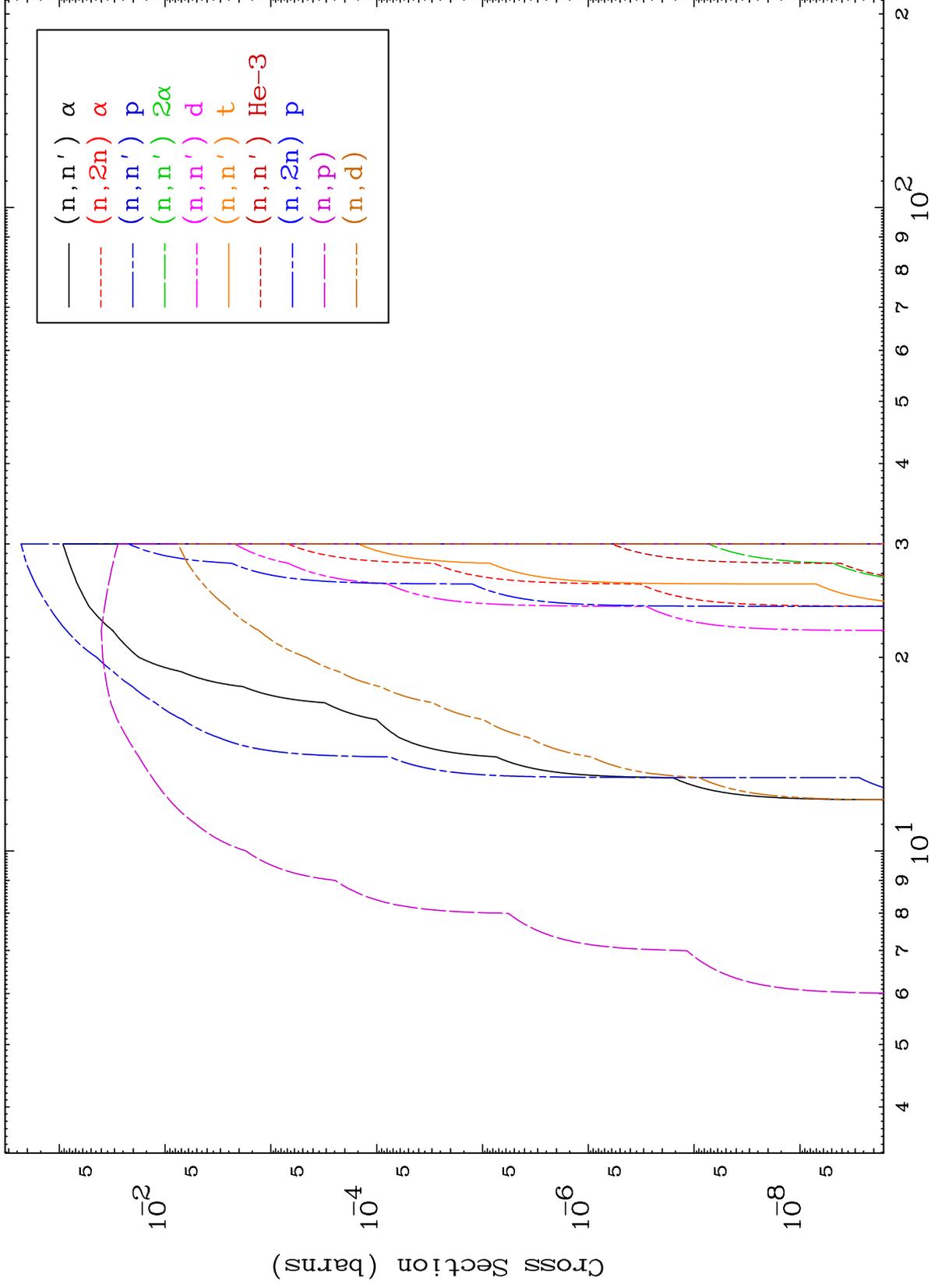
³⁴Se-77m



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α Charged Particle
0 Kelvin Cross Sections

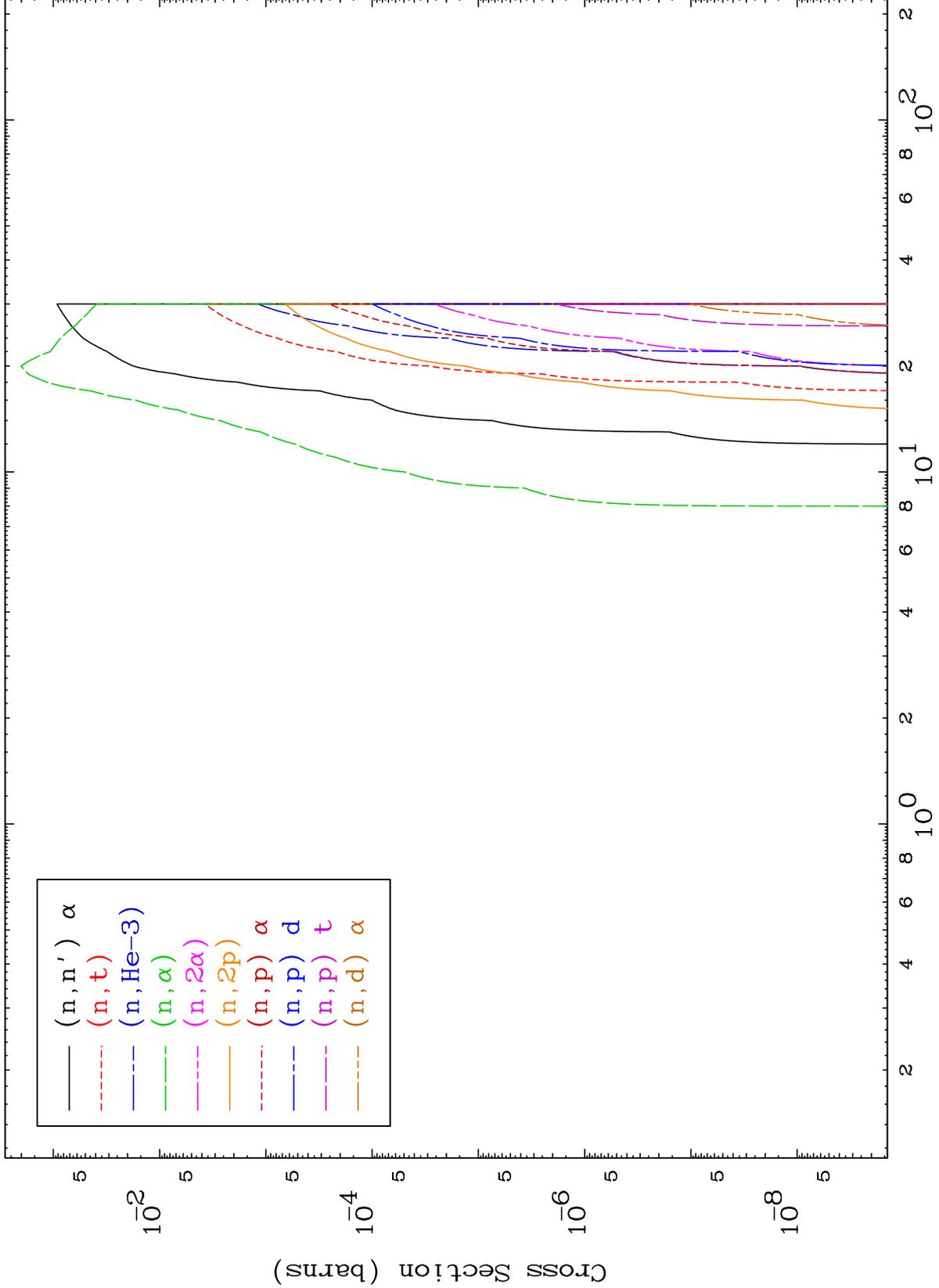
$^{34}\text{Se-77m}$



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

Incident Energy (MeV)

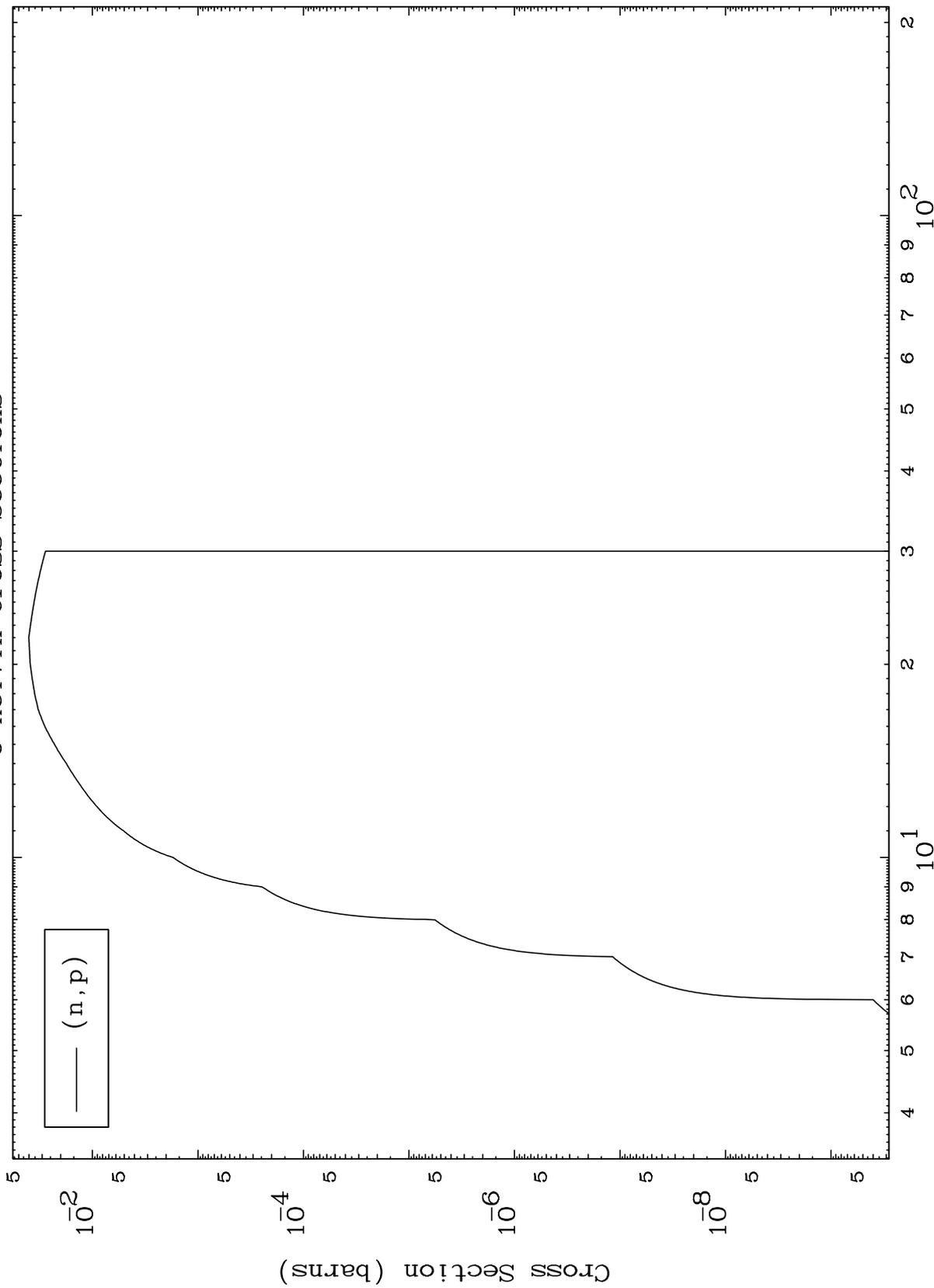
5



MAT 3435

³⁴Se-77m

(α, p) Levels
0 Kelvin Cross Sections



³⁴Se-77m

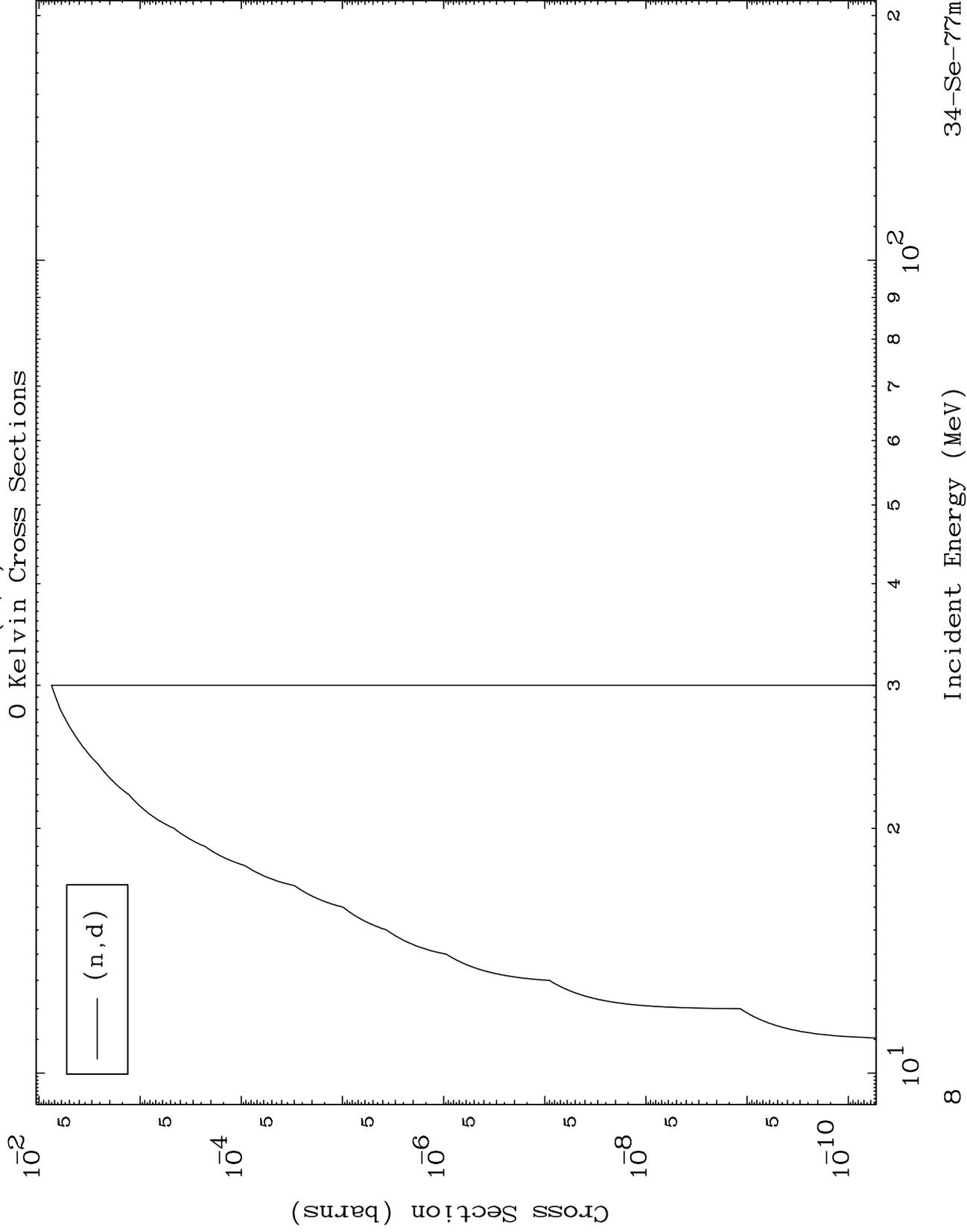
Incident Energy (MeV)

7

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(α, d) Levels

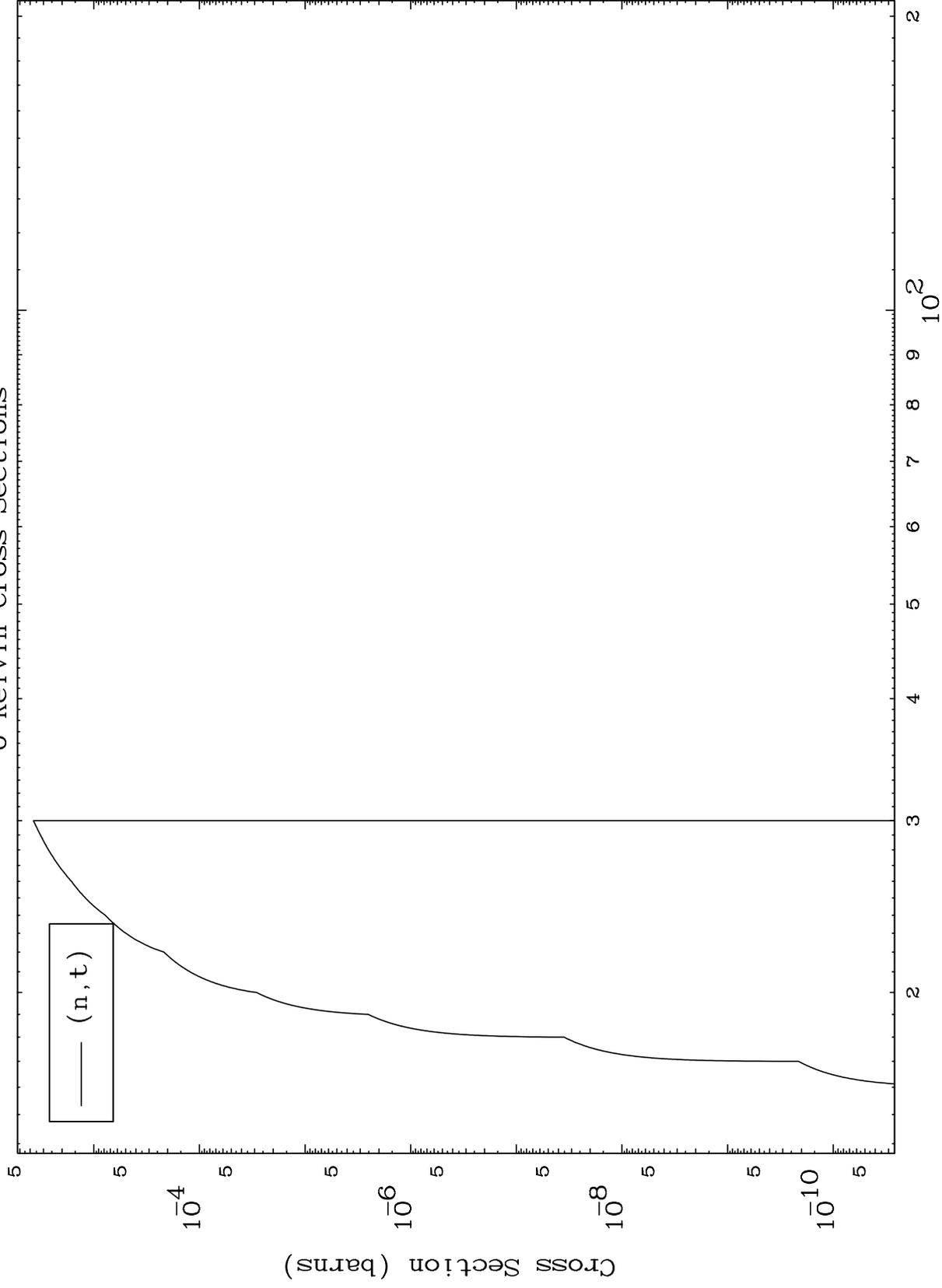
$^{34}\text{Se-77m}$



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(α, t) Levels
0 Kelvin Cross Sections

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



9

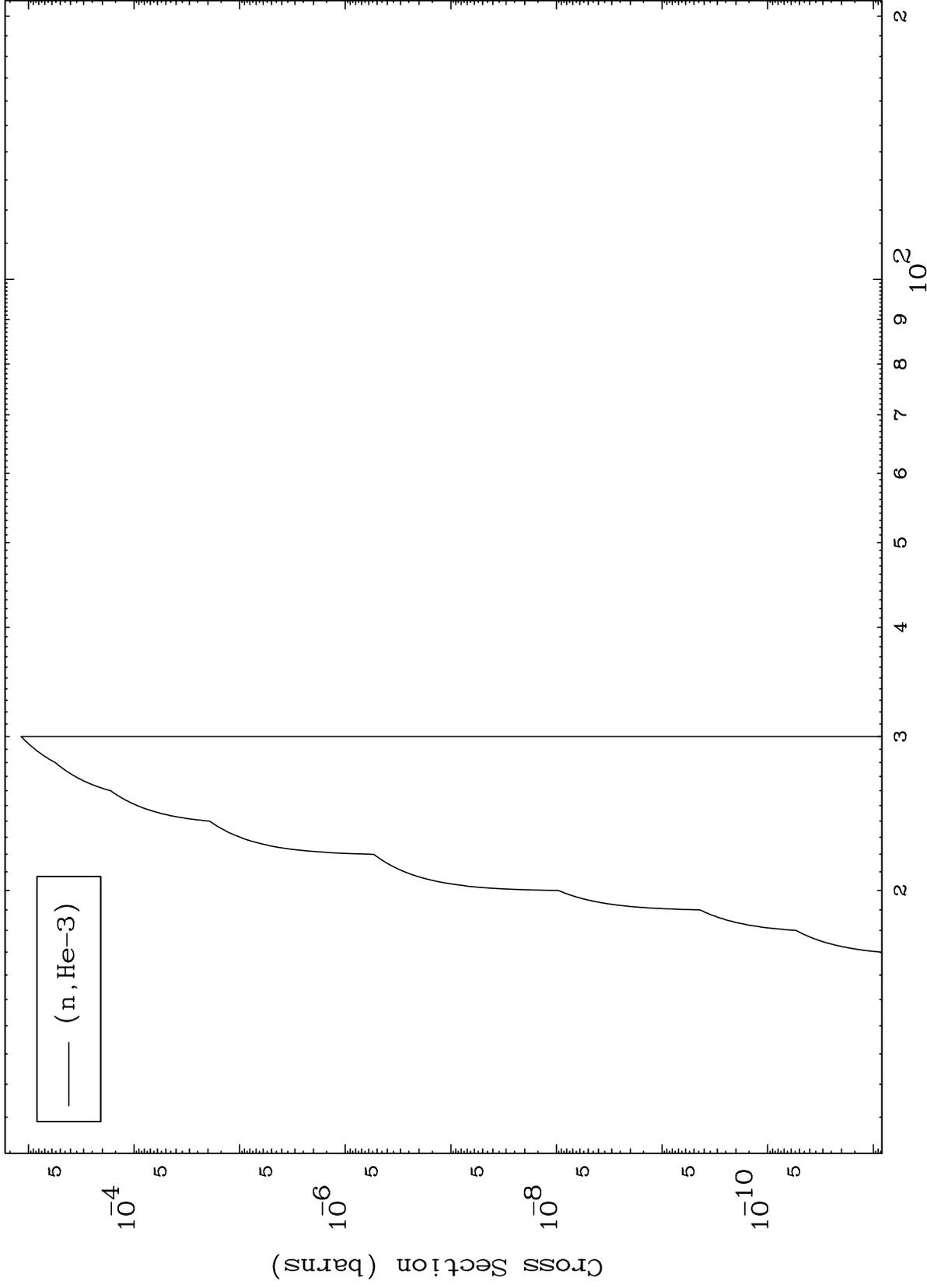
Incident Energy (MeV)

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

MAT 3435

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

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



10

Incident Energy (MeV)

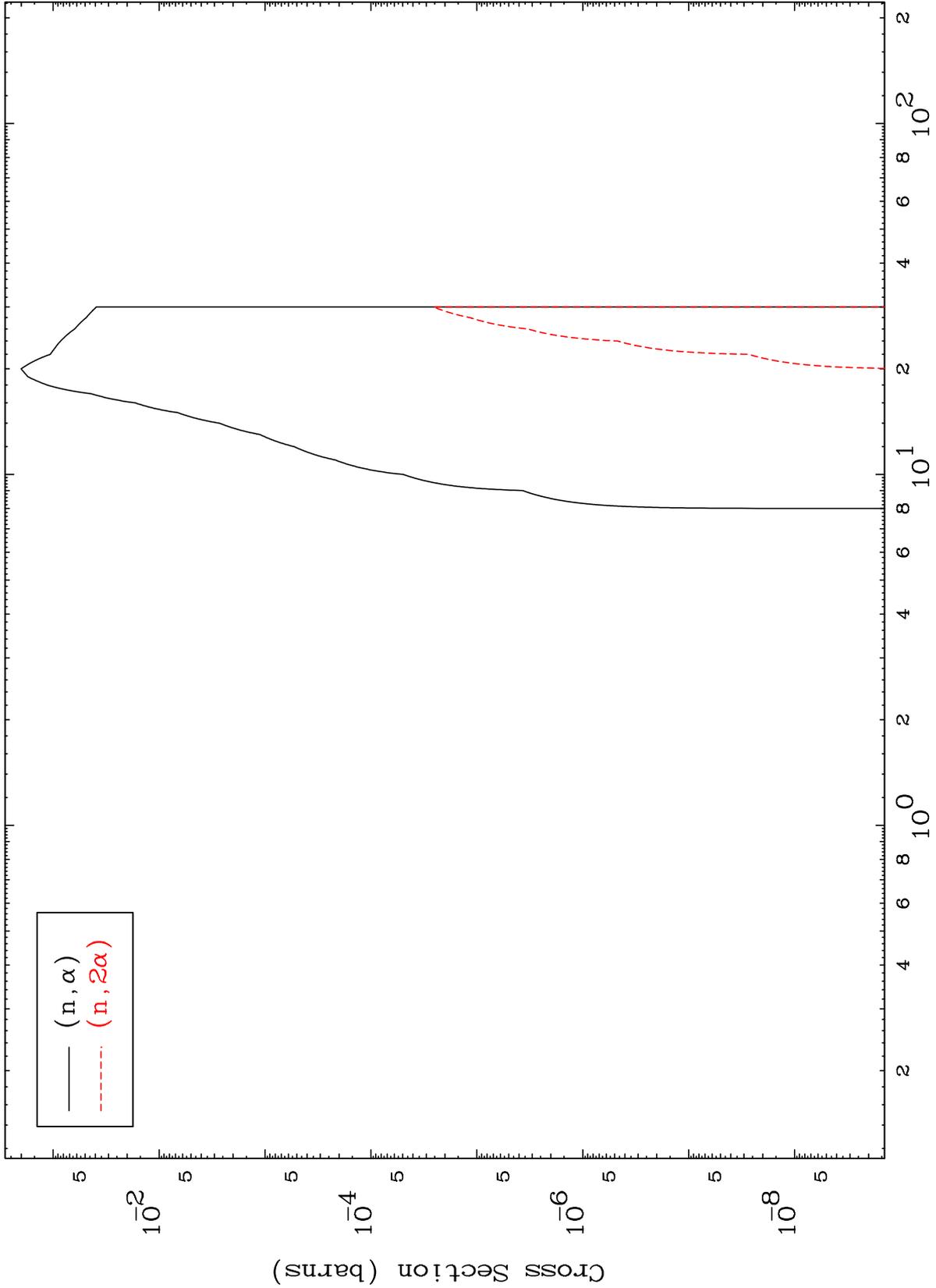
$^{34}\text{Se-77m}$

MAT 3435

(α, α) Levels

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

0 Kelvin Cross Sections

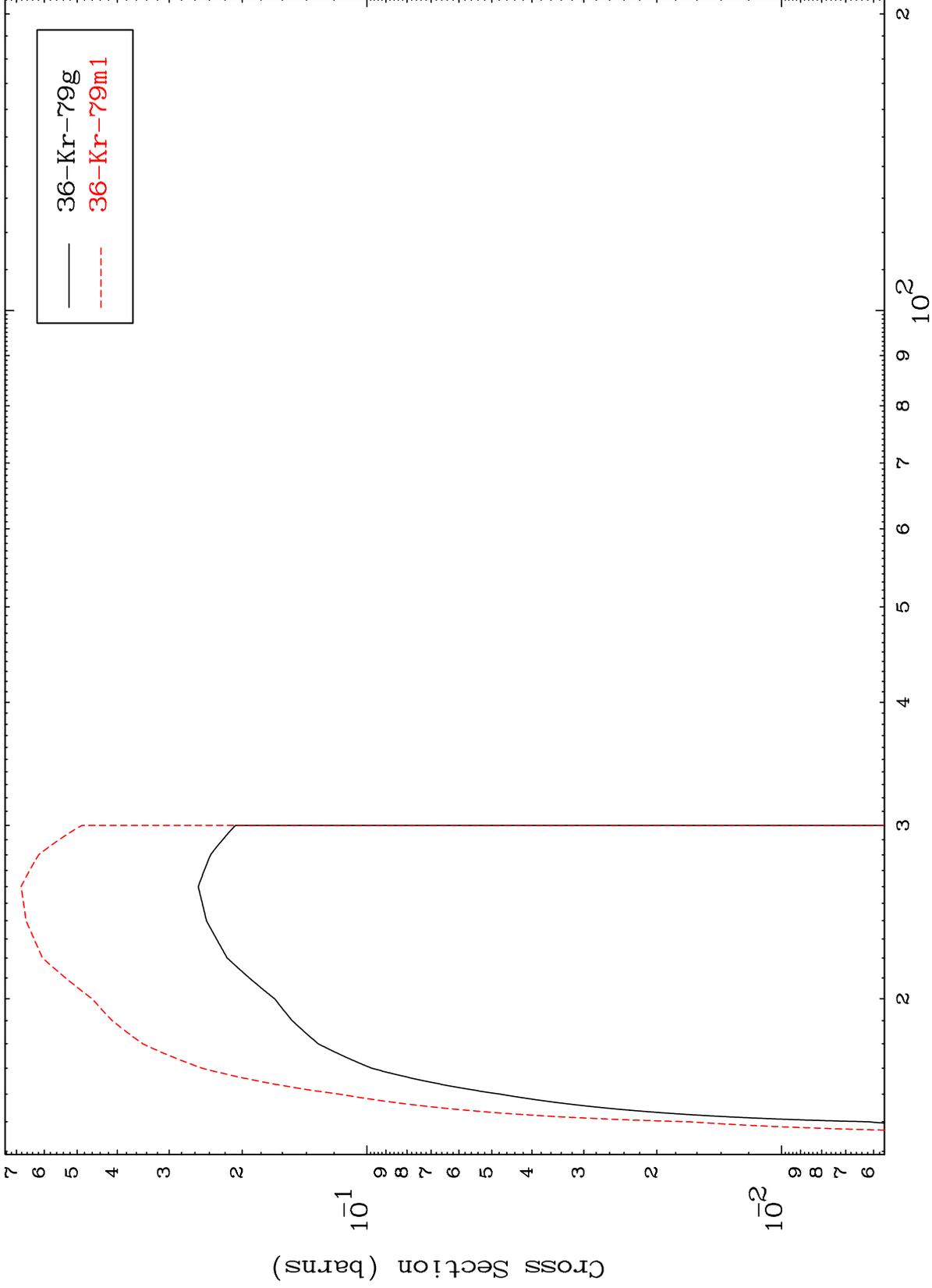


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(n,2n)

³⁴Se-⁷⁷m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

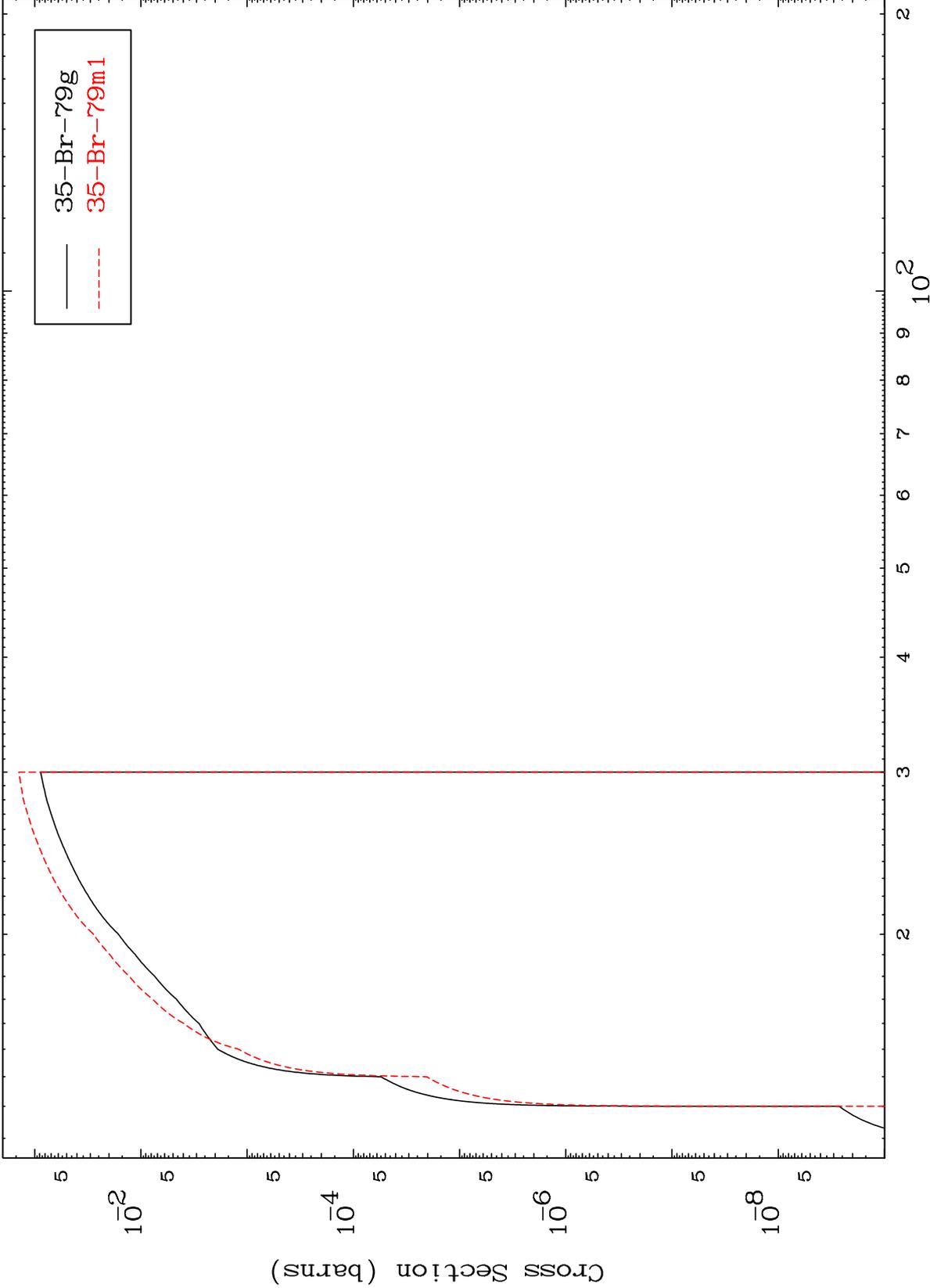
³⁴Se-⁷⁷m

MAT 3435

(n,n') p

34-Se-77m

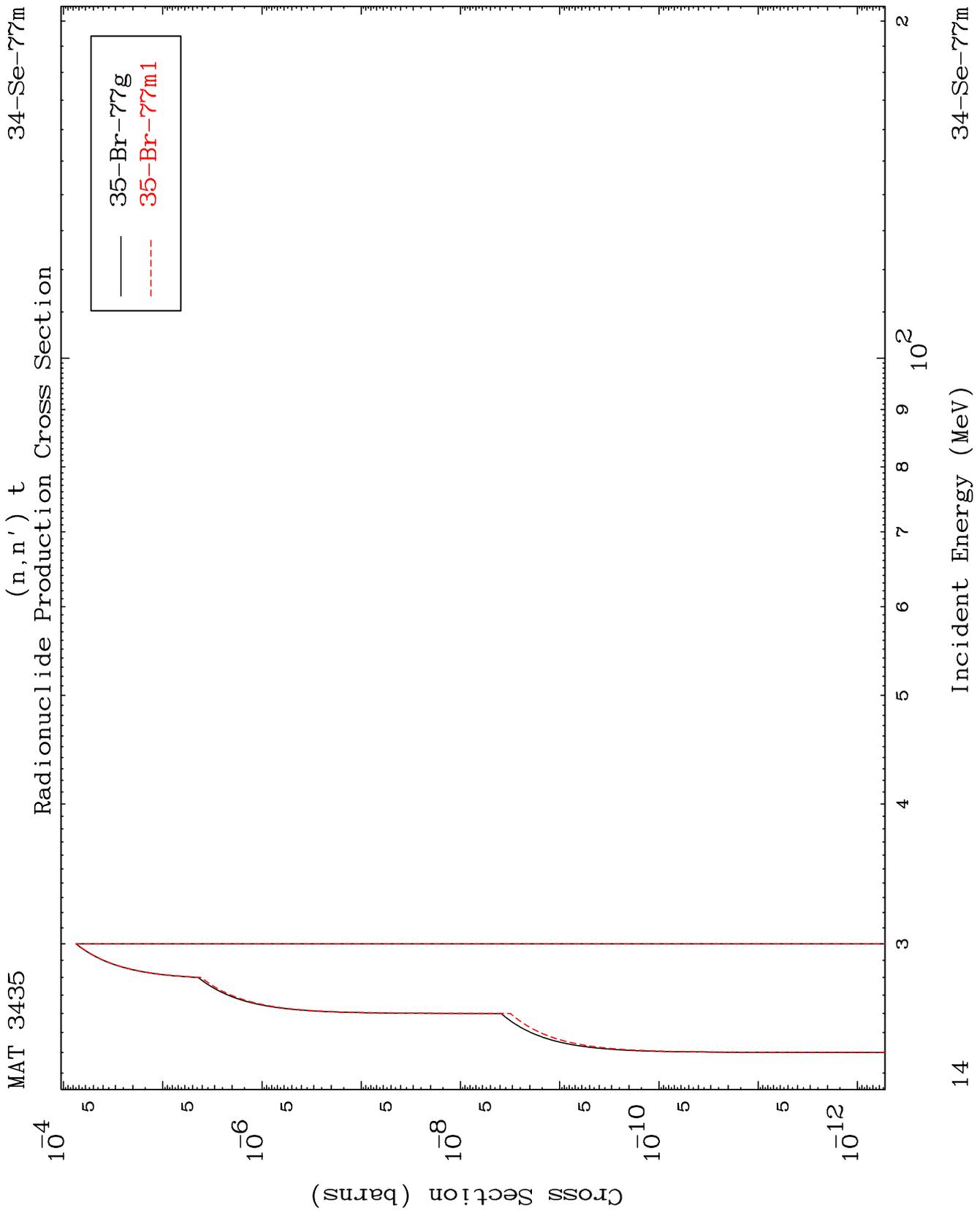
Radionuclide Production Cross Section



13

Incident Energy (MeV)

34-Se-77m

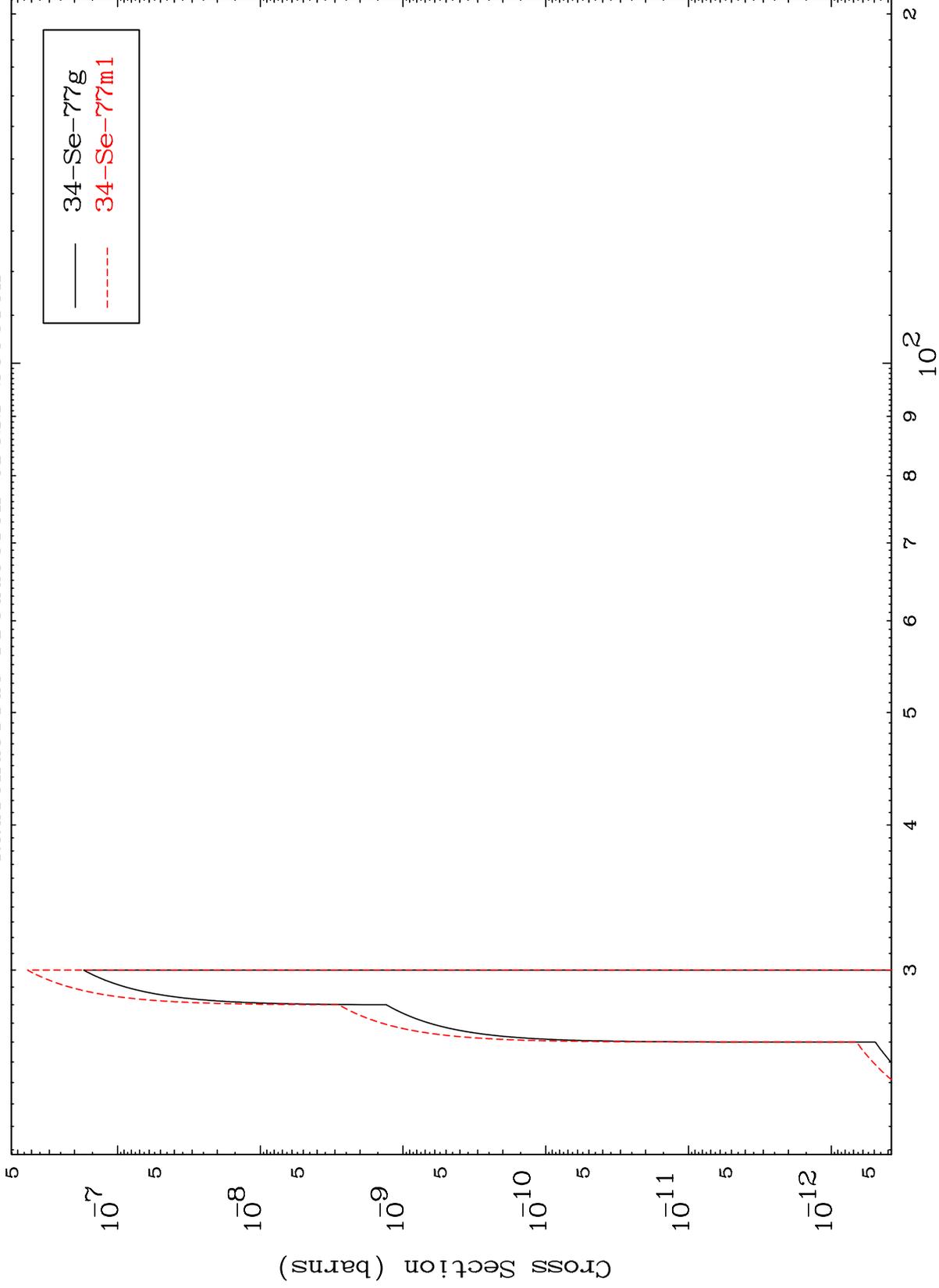


MAT 3435

(n,n') He-3

³⁴Se-^{77m}

Radionuclide Production Cross Section



15

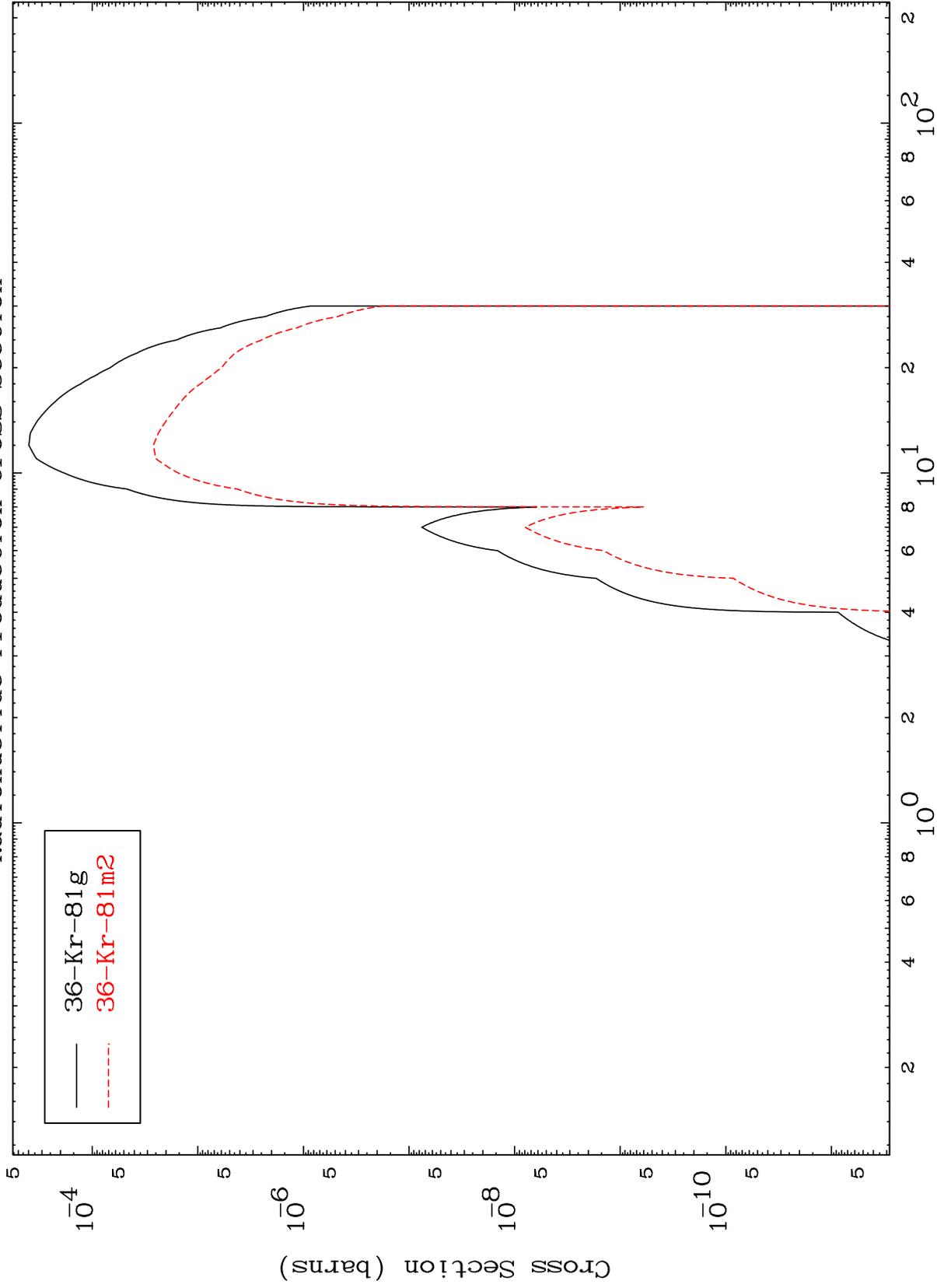
Incident Energy (MeV)

³⁴Se-^{77m}

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³⁴Se-77m

Radionuclide Production Cross Section



16

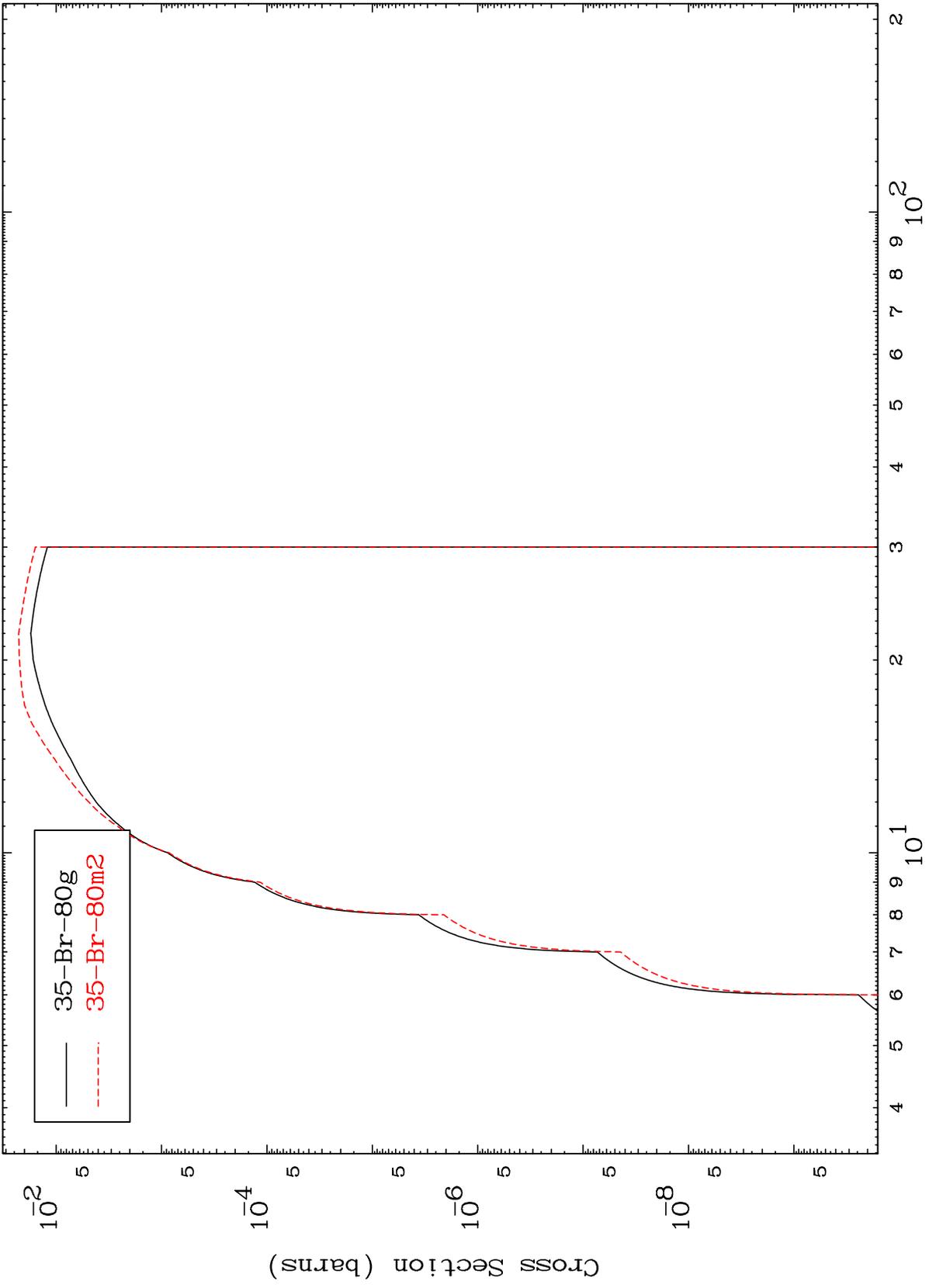
Incident Energy (MeV)

³⁴Se-77m

MAT 3435

³⁴Se-77m

(n,p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

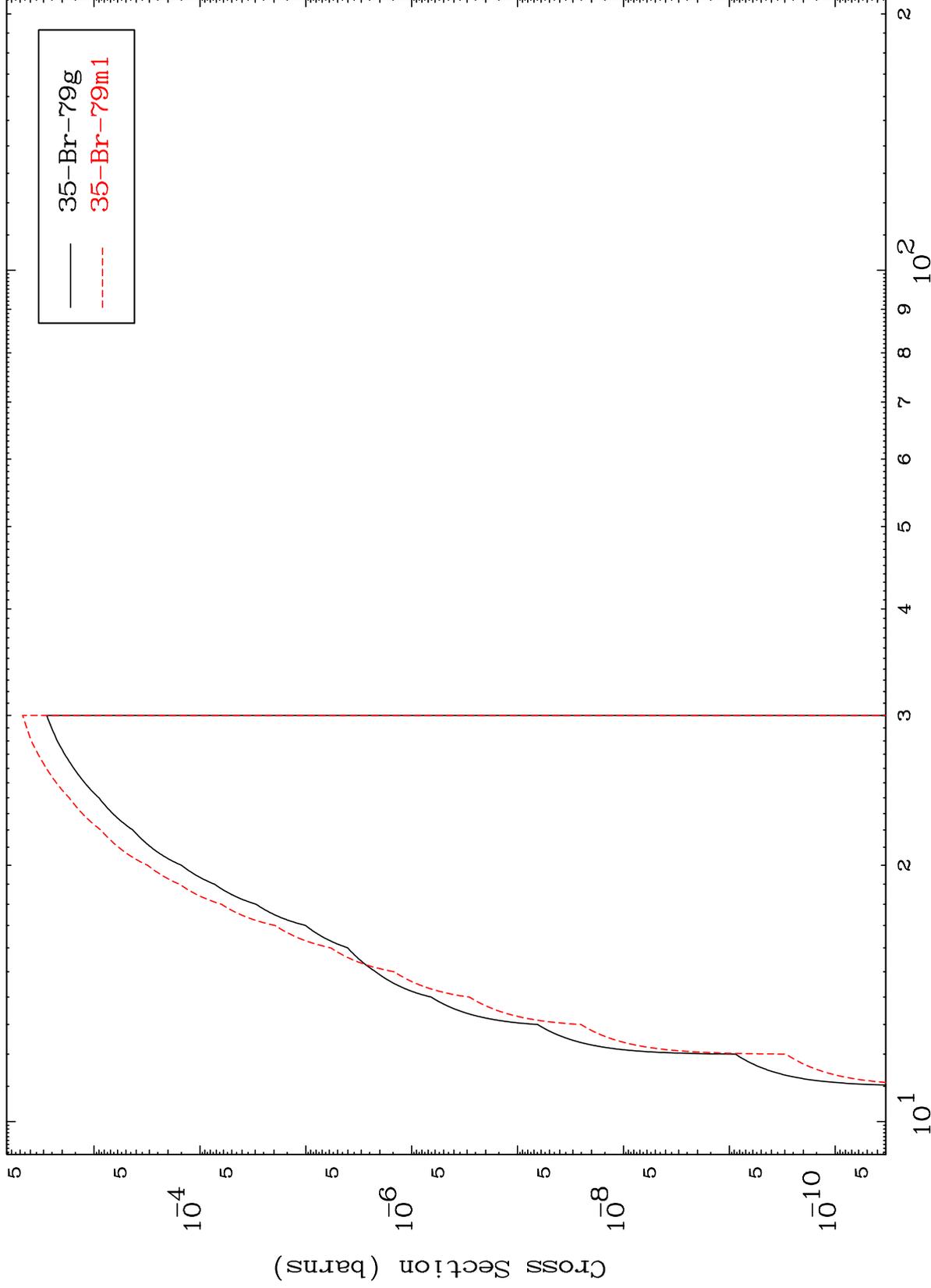
³⁴Se-77m

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(n,d)

34-Se-77m

Radionuclide Production Cross Section

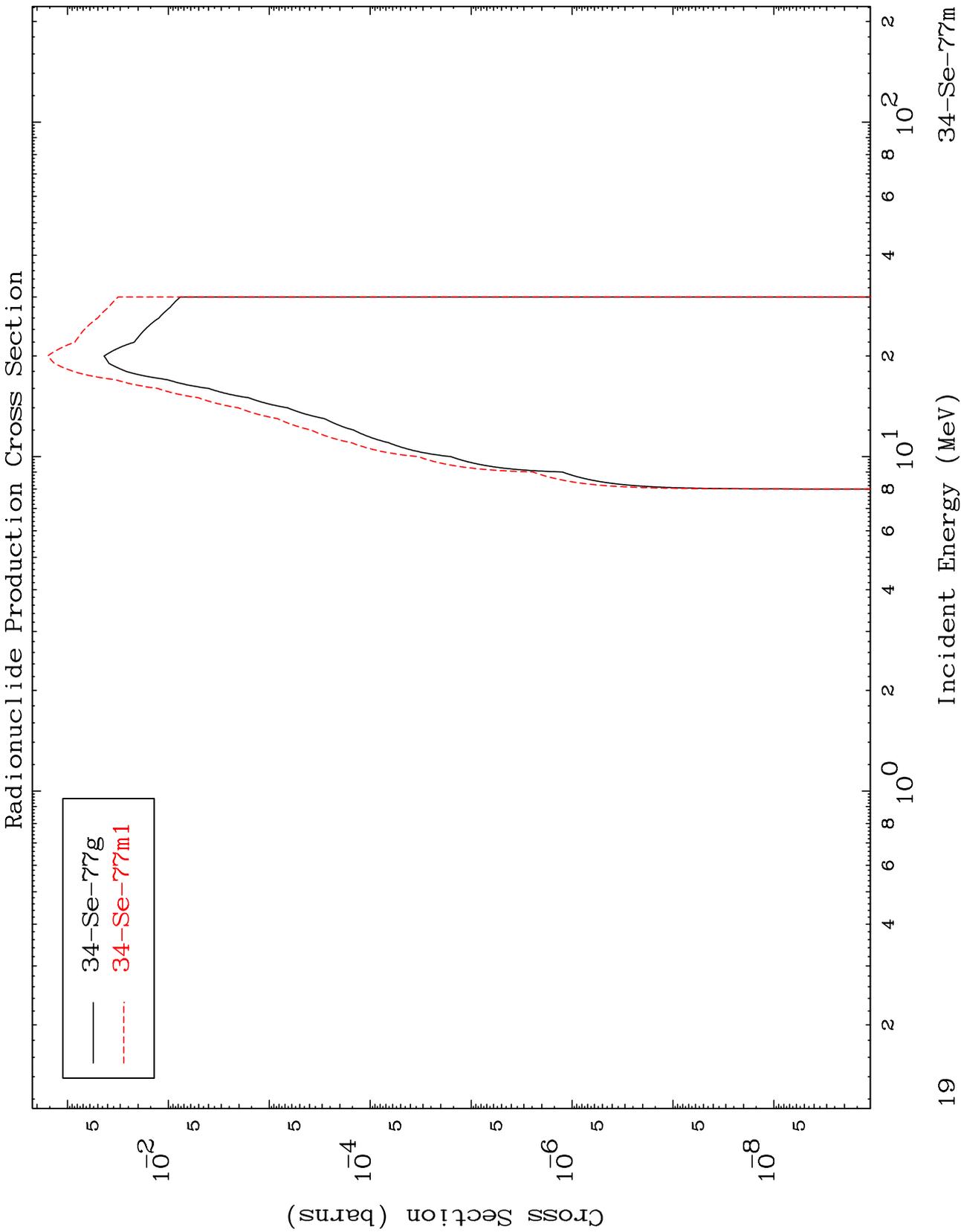


Incident Energy (MeV)

34-Se-77m

MAT 3435

³⁴Se-77m

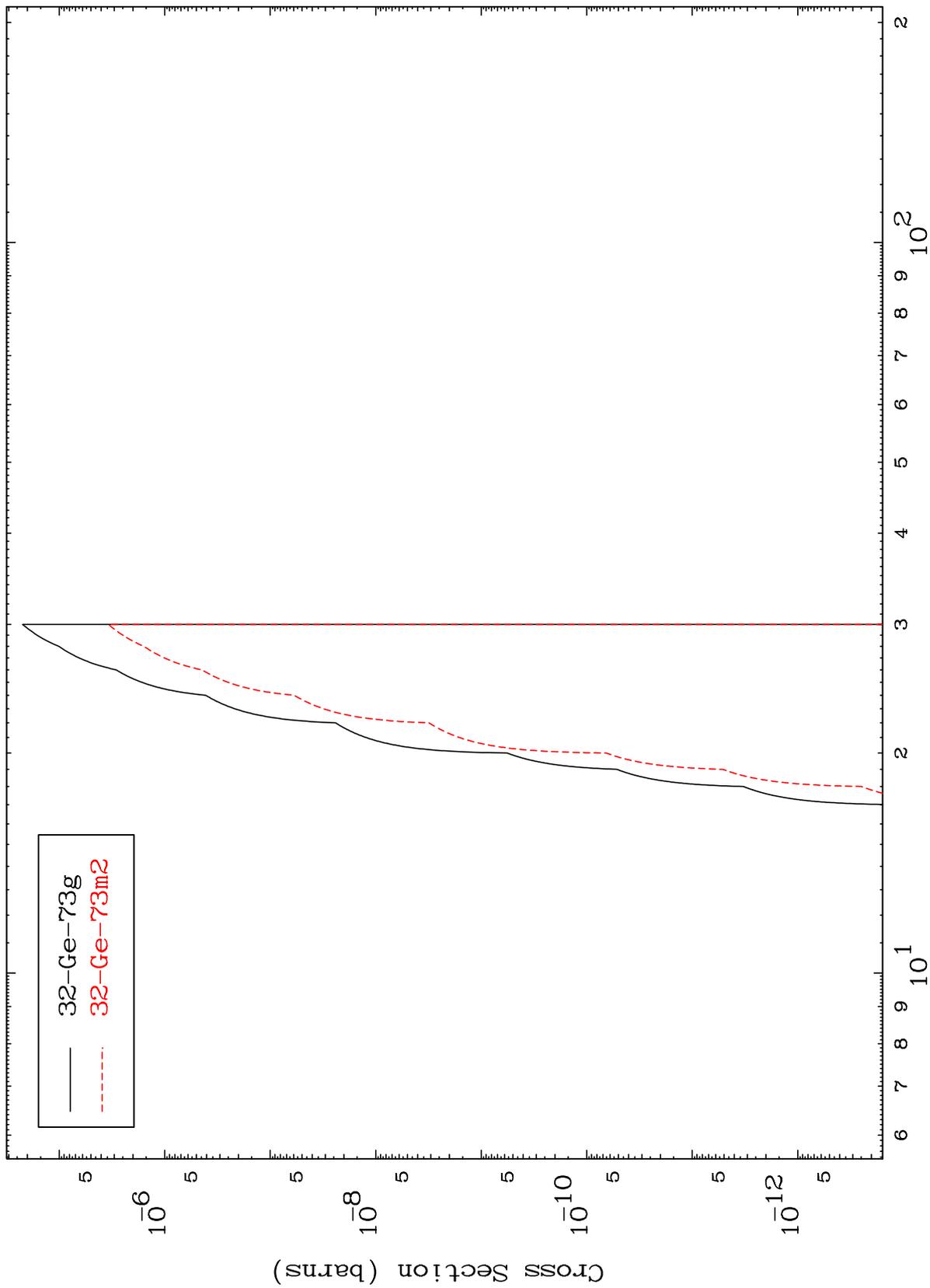


— 34-Se-77g
- - - 34-Se-77m1

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³⁴Se-⁷⁷m

Radionuclide Production Cross Section (n,2α)



20

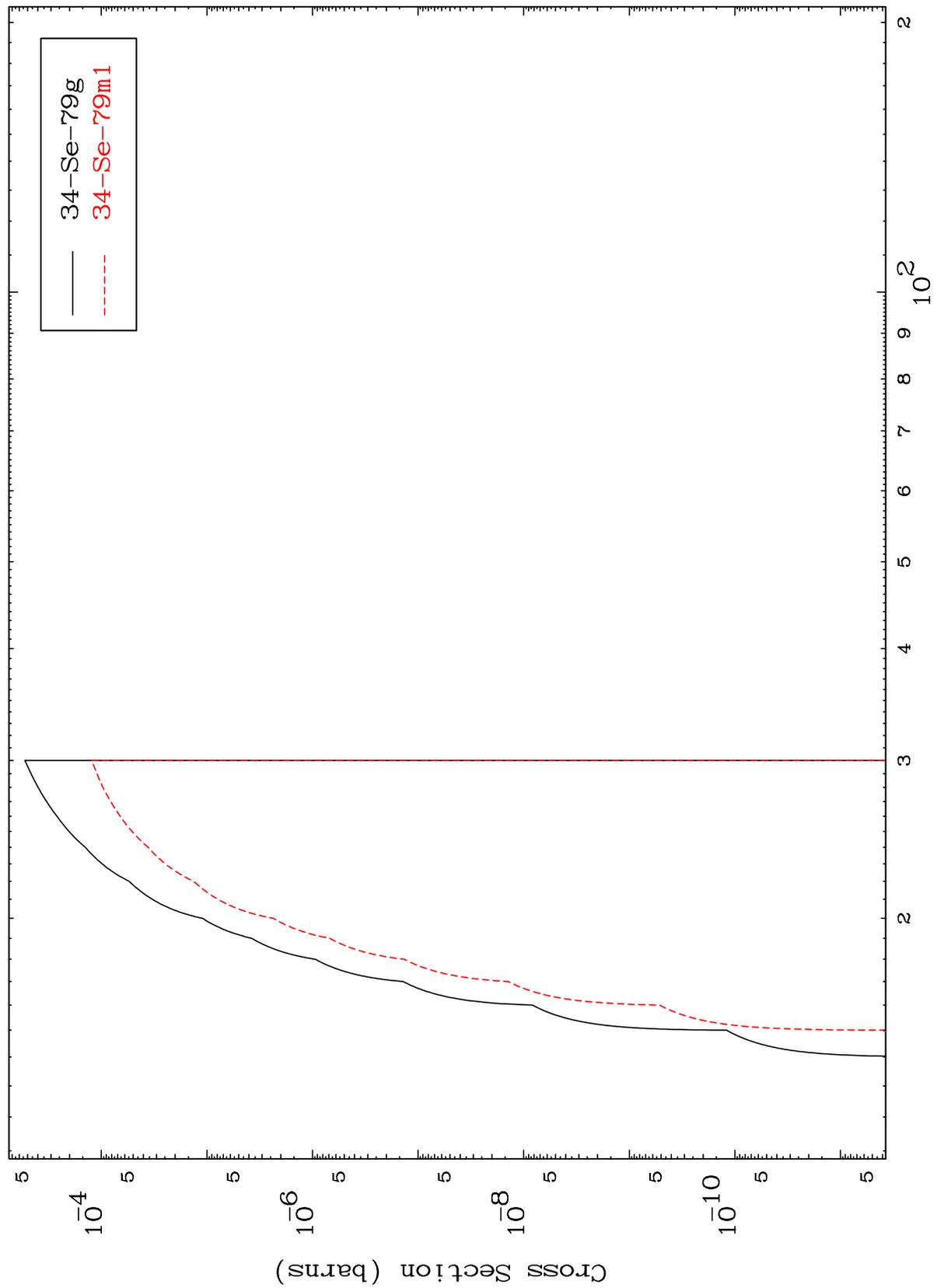
Incident Energy (MeV)

³⁴Se-⁷⁷m

MAT 3435

34-Se-77m

(n,2p)
Radionuclide Production Cross Section



Incident Energy (MeV)

34-Se-77m

21

MAT 3435

(n,p) t

³⁴Se-⁷⁷m

