

Program EVALPLOT
(Version 2021-1)

by

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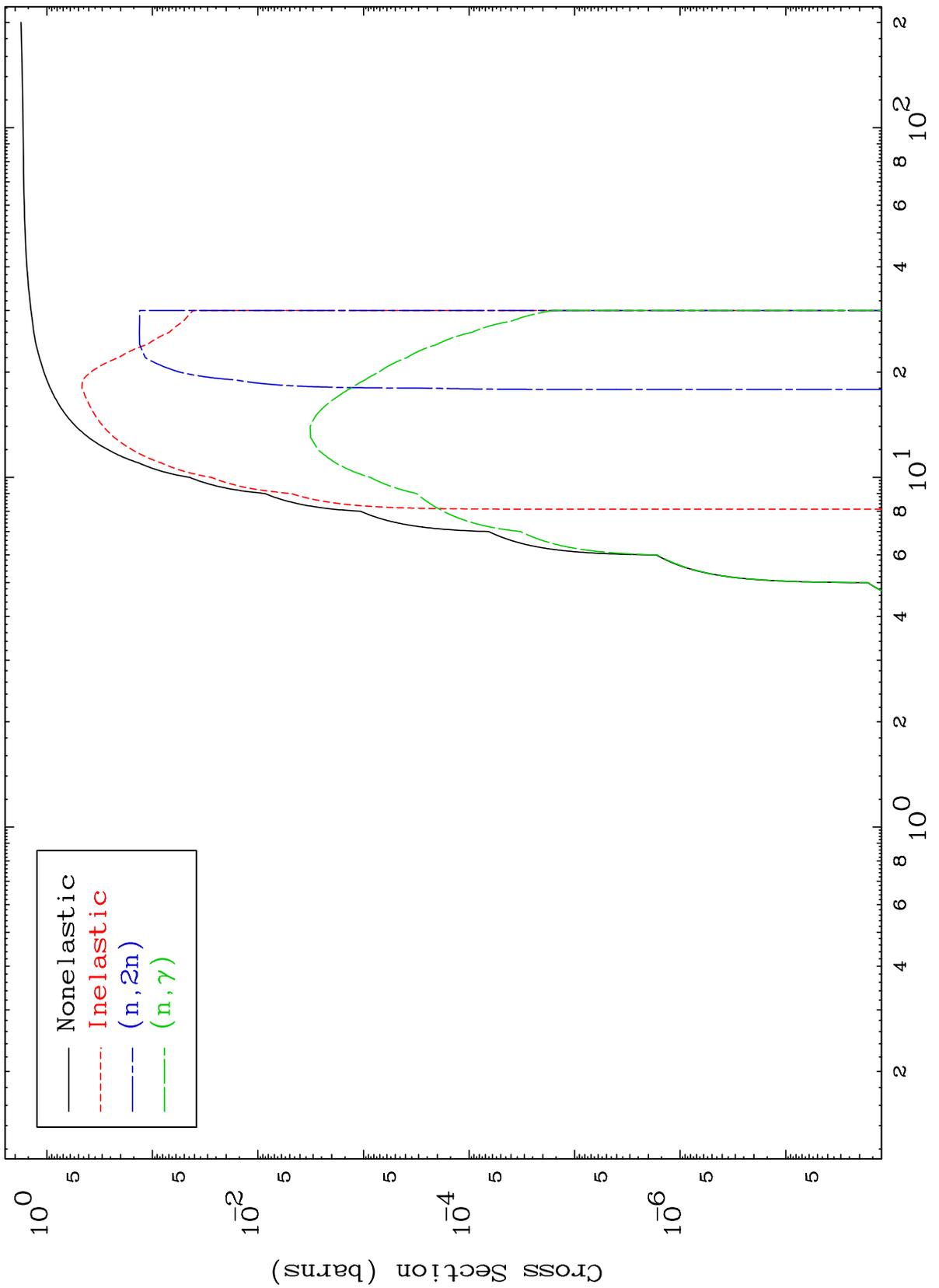
Press Mouse Button to Start

MAT 3425

α Major

³⁴Se-74

0 Kelvin Cross Sections



Incident Energy (MeV)

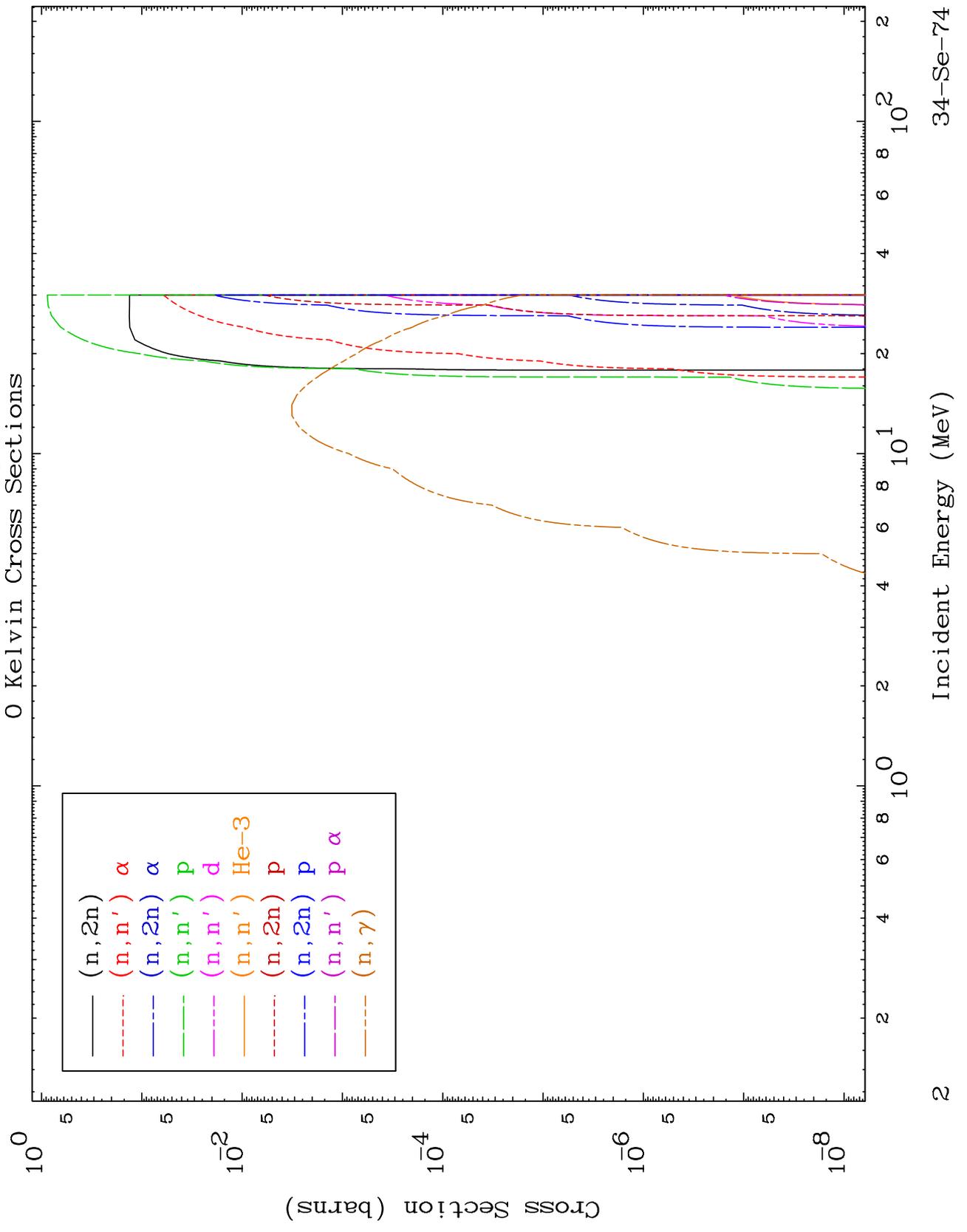
³⁴Se-74

1

MAT 3425

α Neutron Absorption

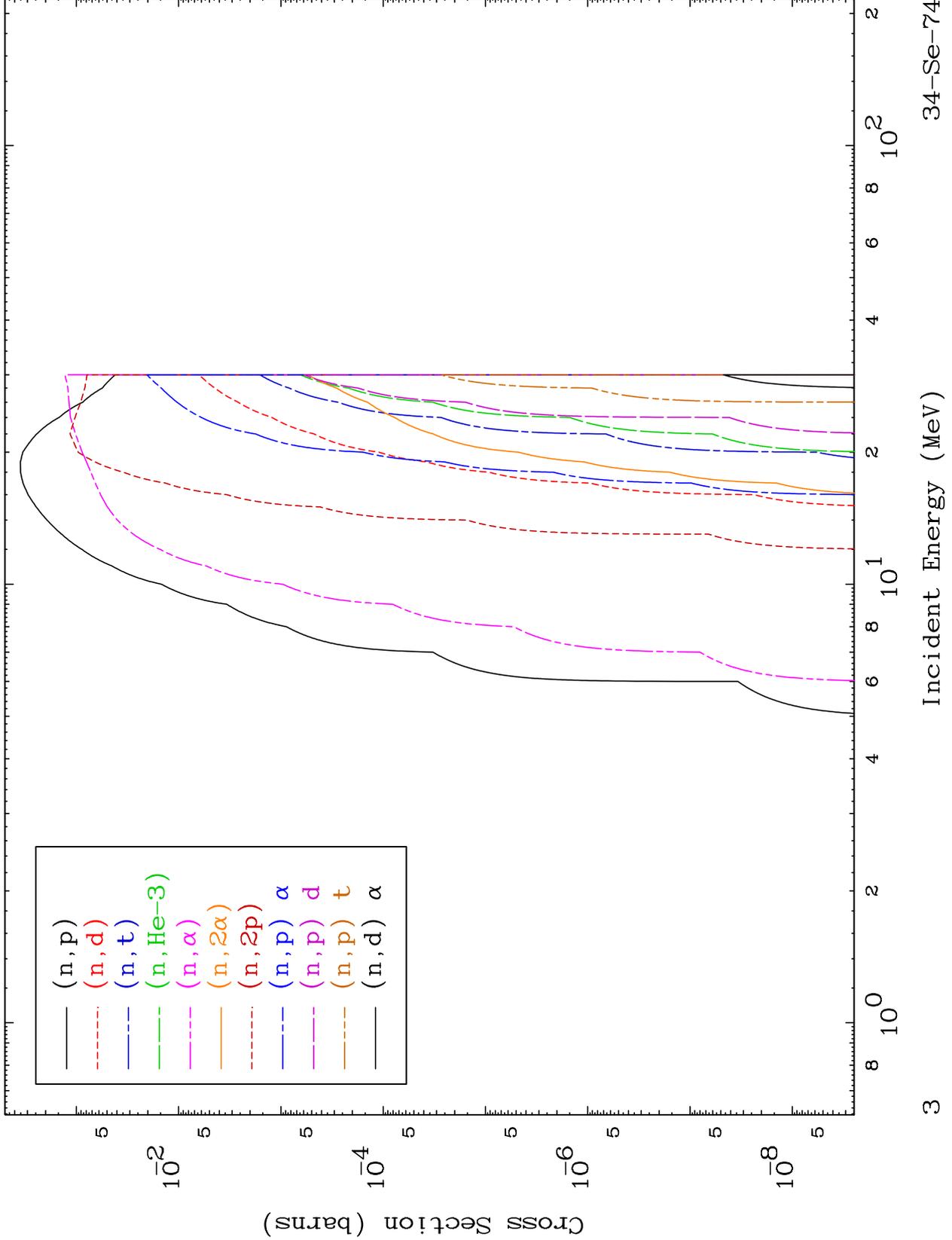
³⁴Se-74



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α Neutron Absorption
0 Kelvin Cross Sections

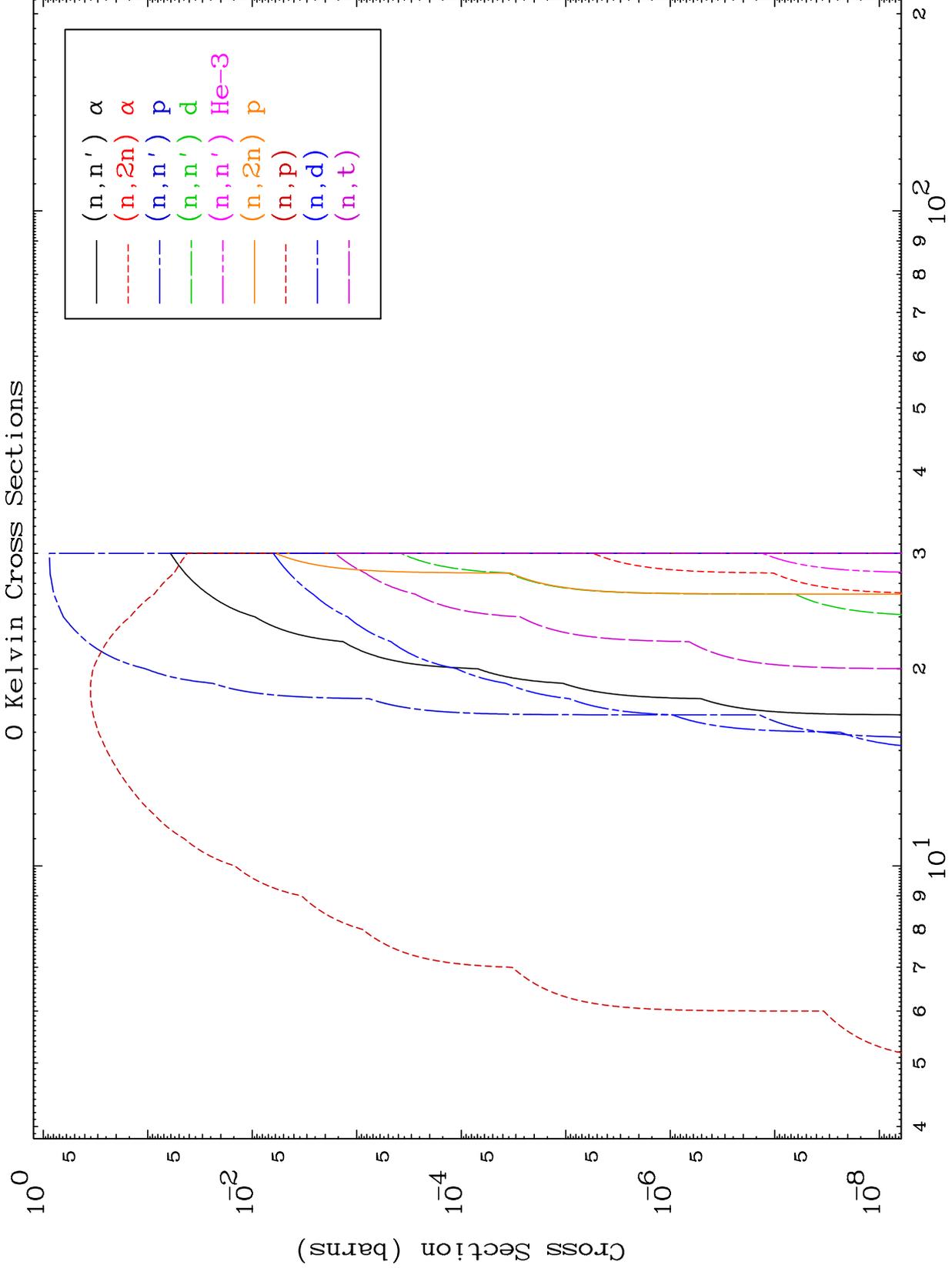
$^{34}\text{Se-74}$



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α Charged Particle
0 Kelvin Cross Sections

³⁴Se-74



Incident Energy (MeV)

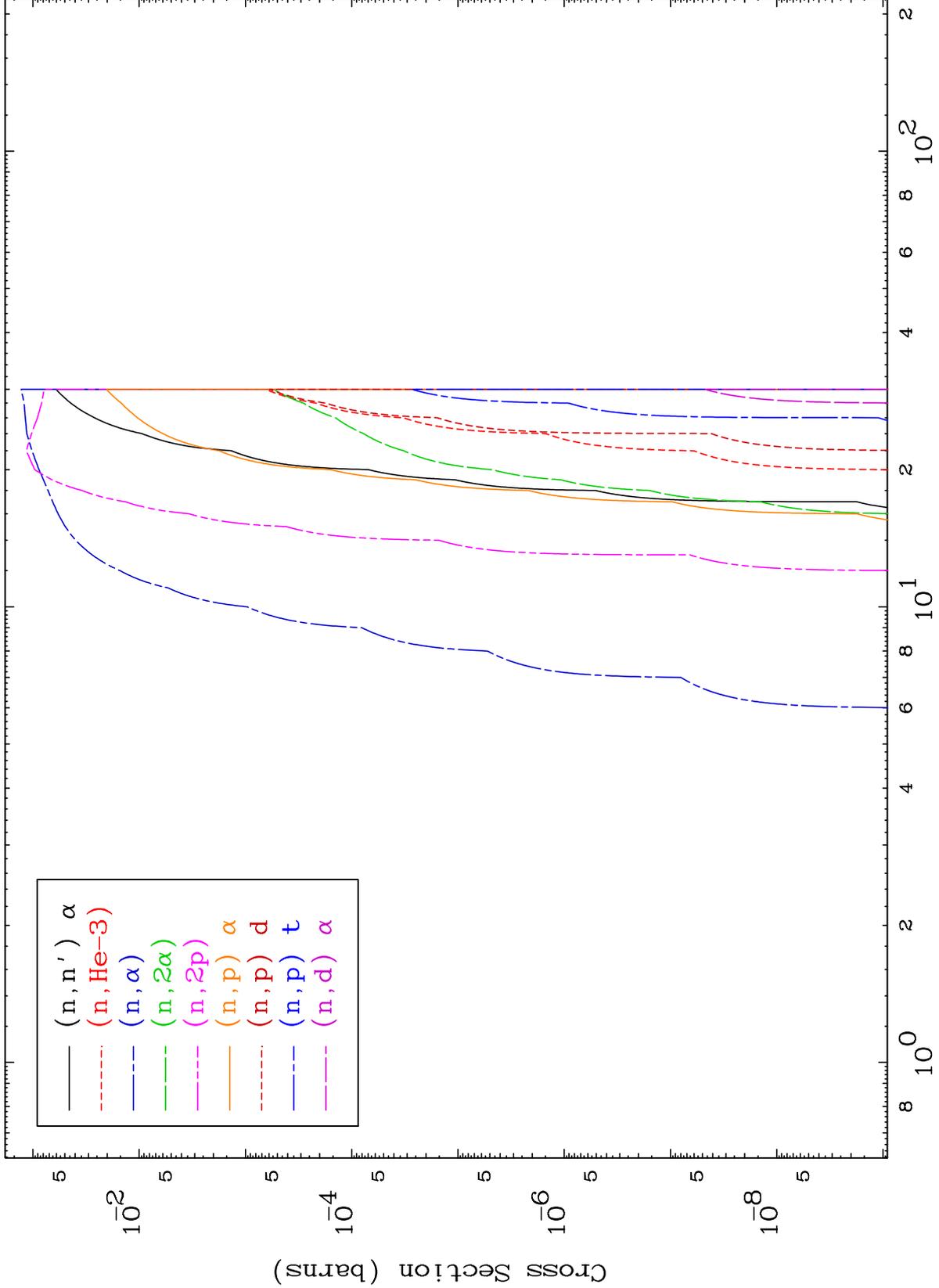
³⁴Se-74

4

MAT 3425

α Charged Particle
0 Kelvin Cross Sections

³⁴Se-74



5

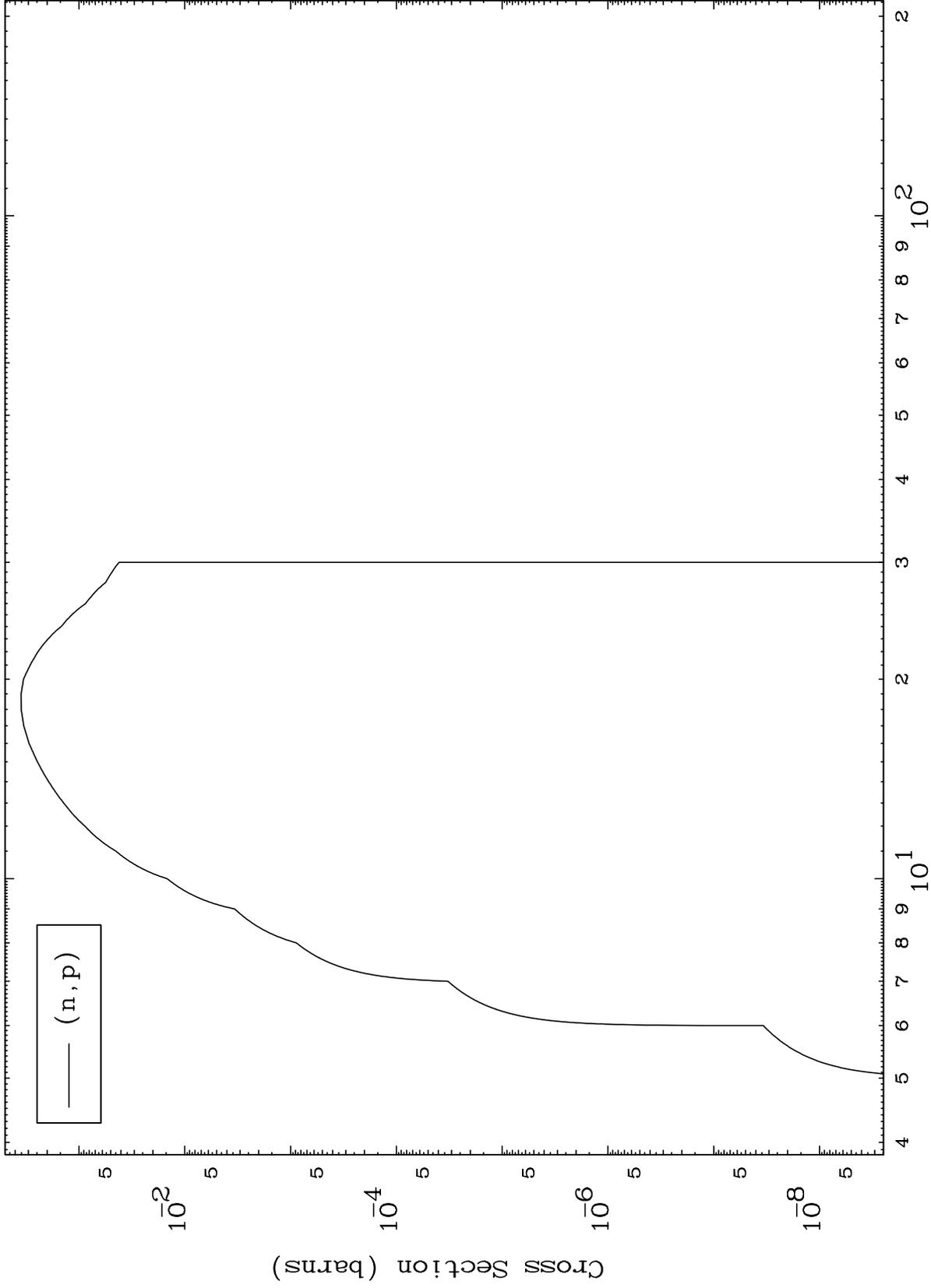
Incident Energy (MeV)

³⁴Se-74

MAT 3425

(α, p) Levels
0 Kelvin Cross Sections

$^{34}\text{Se-74}$



Incident Energy (MeV)

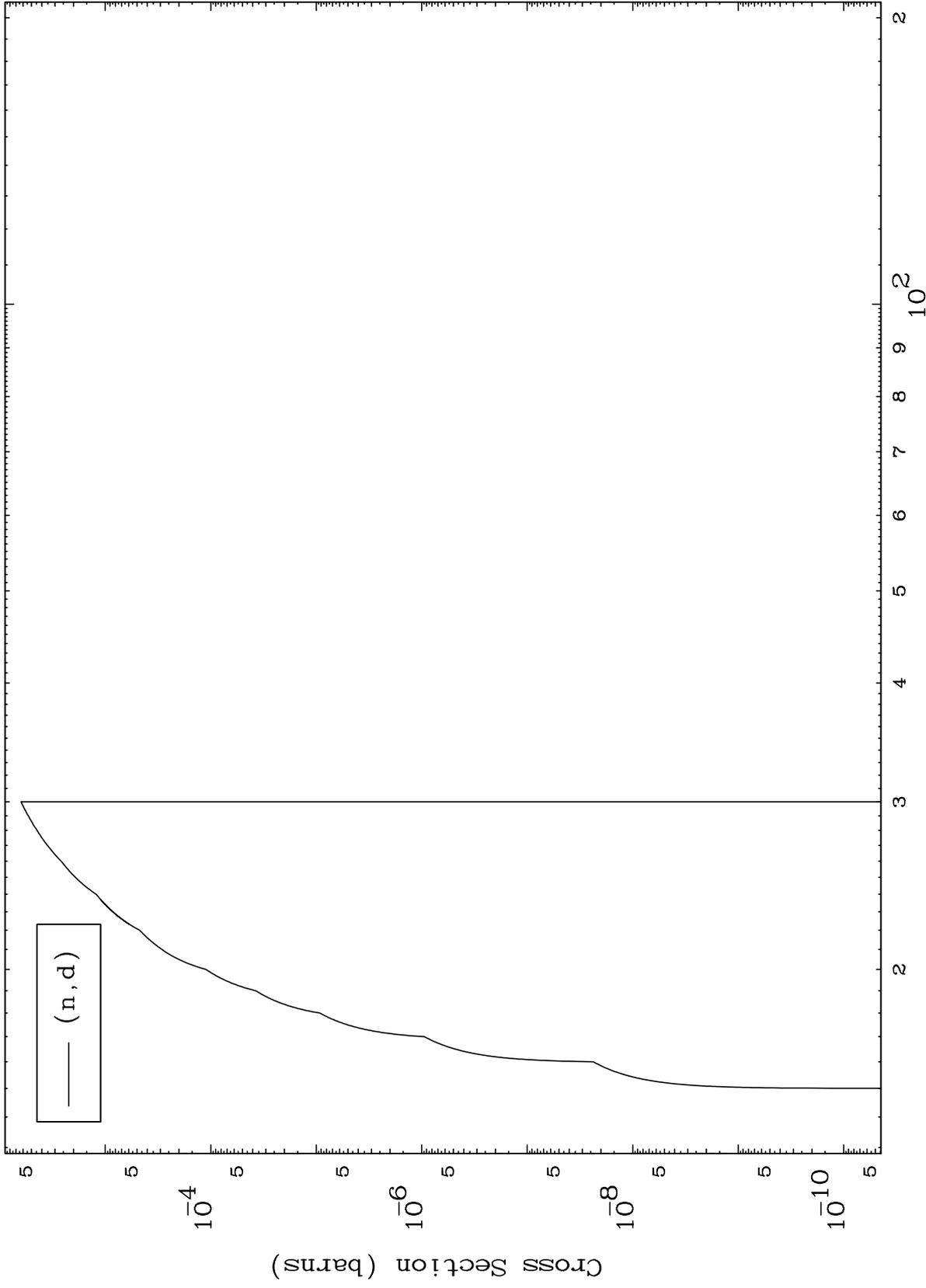
$^{34}\text{Se-74}$

6

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(α, d) Levels
0 Kelvin Cross Sections

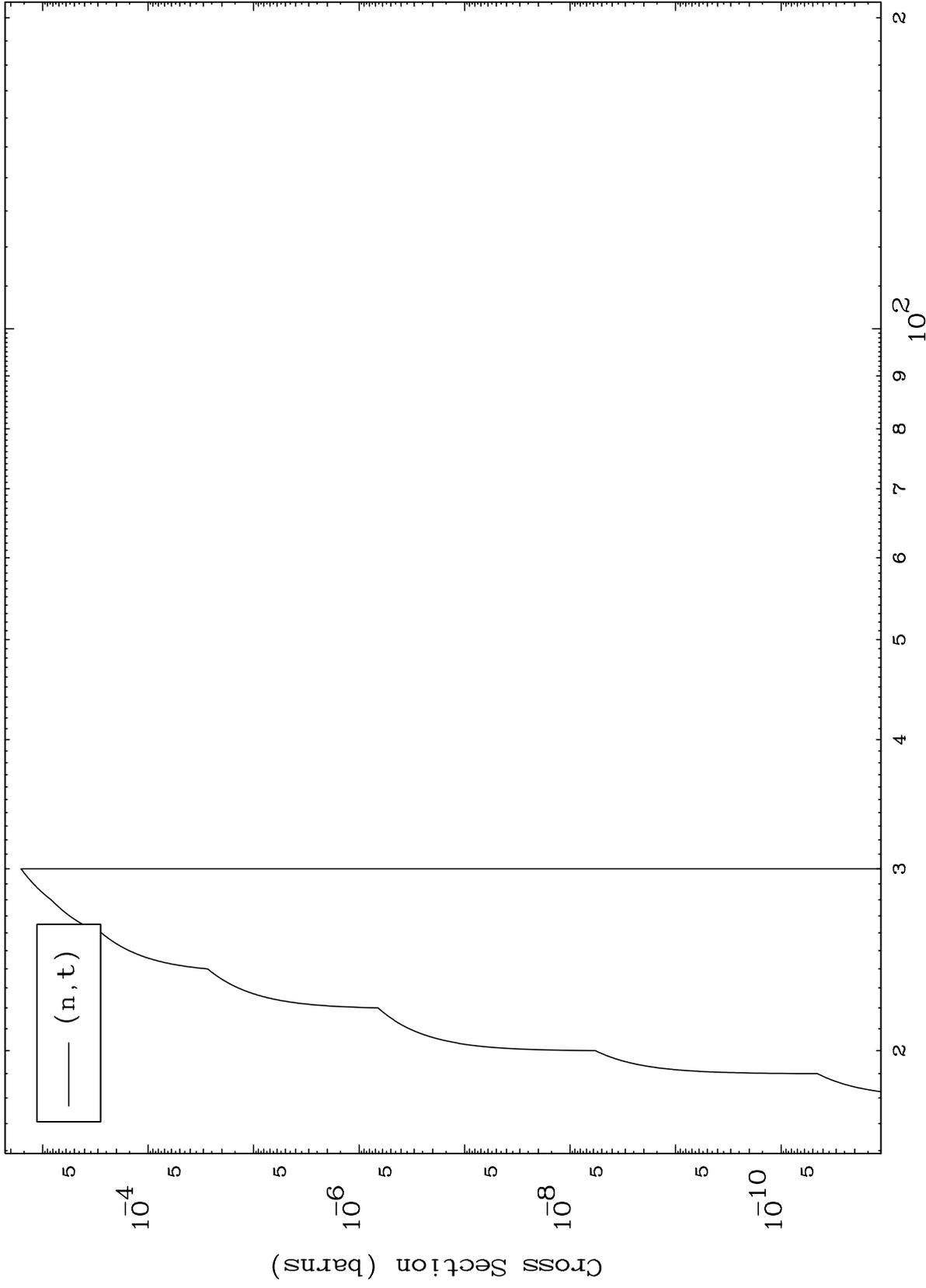
$^{34}\text{Se-74}$



7

Incident Energy (MeV)

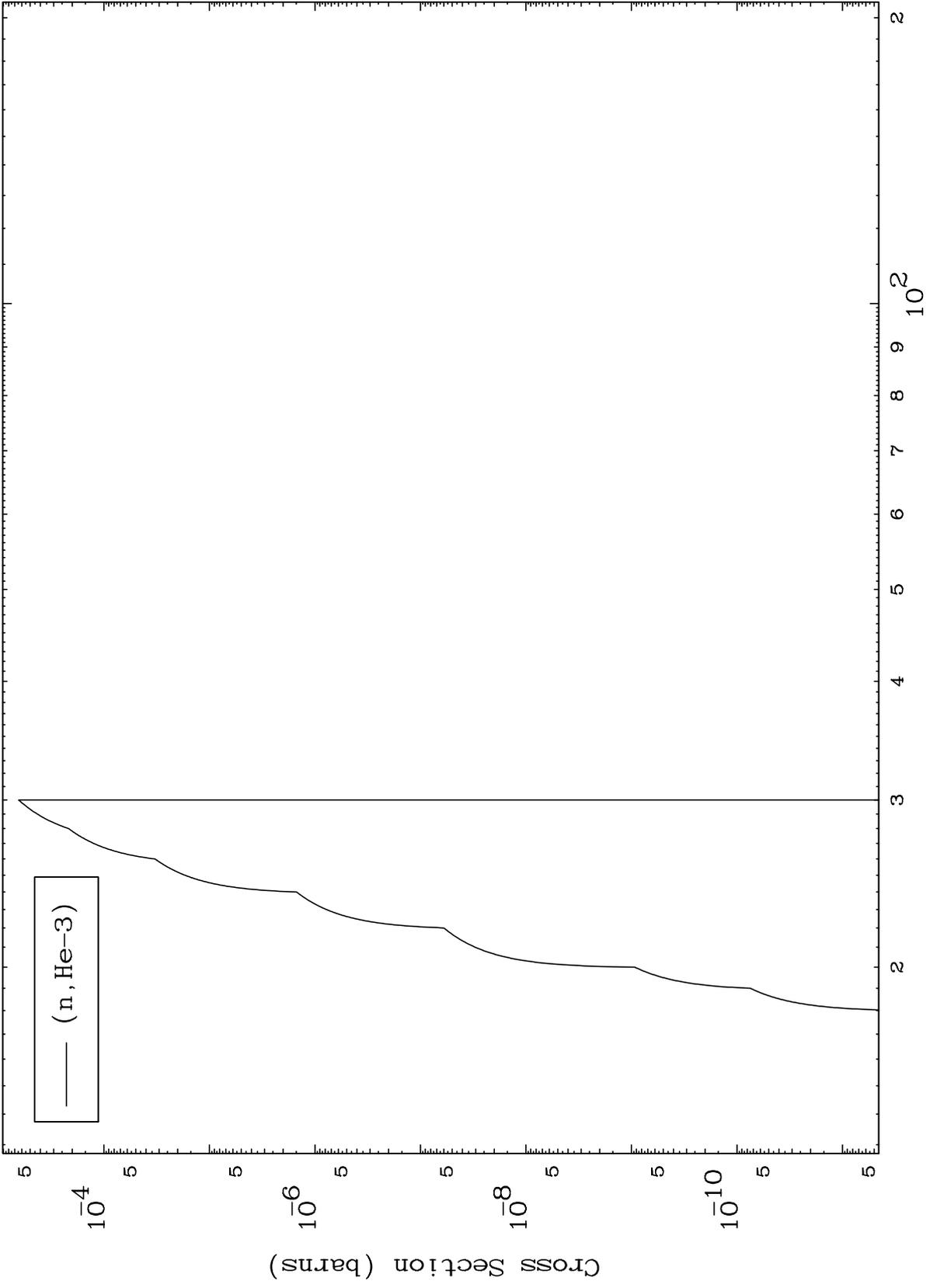
$^{34}\text{Se-74}$



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

$^{34}\text{Se-74}$



9

Incident Energy (MeV)

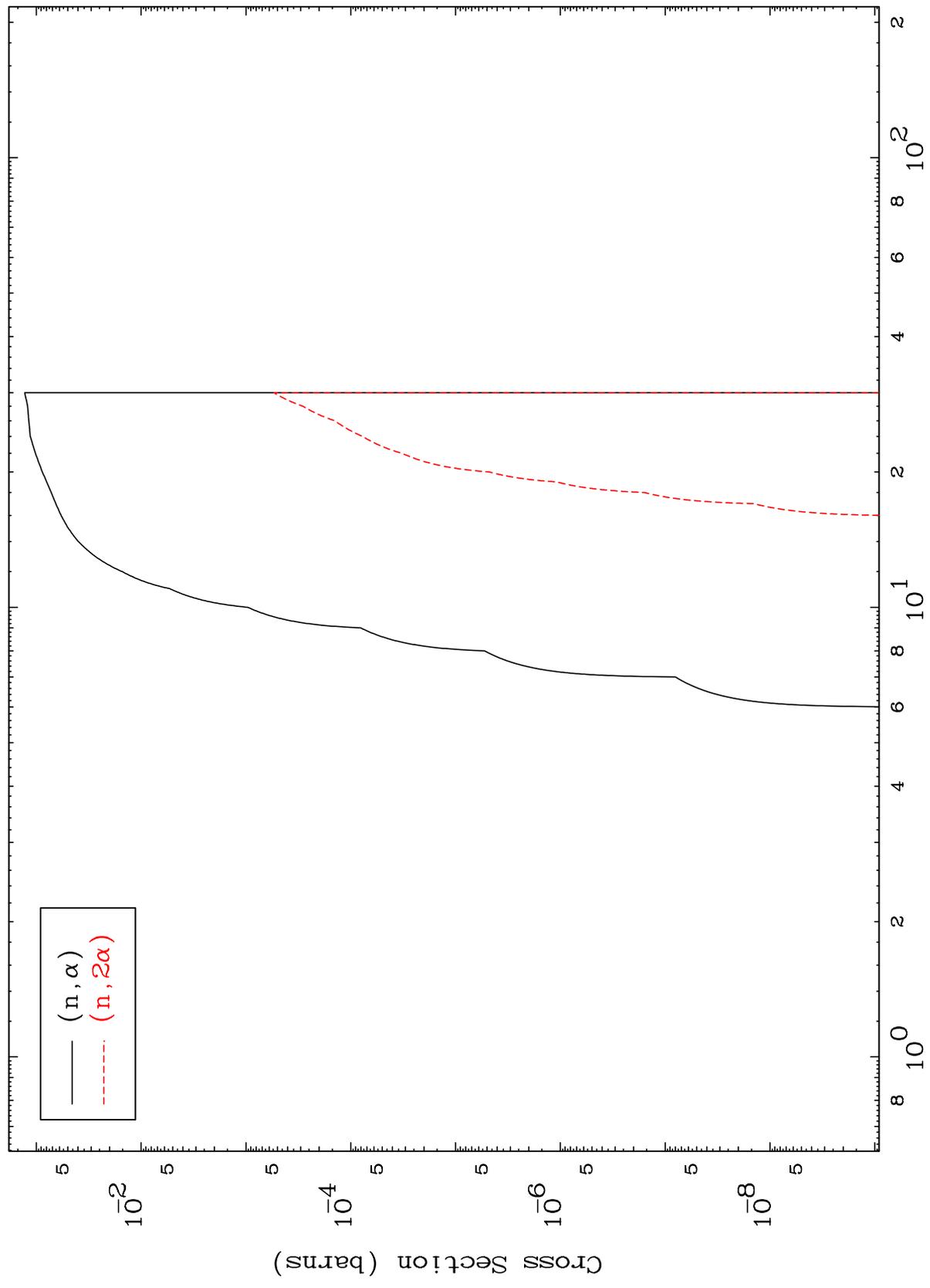
$^{34}\text{Se-74}$

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(α, α) Levels

$^{34}\text{Se-74}$

0 Kelvin Cross Sections



10

Incident Energy (MeV)

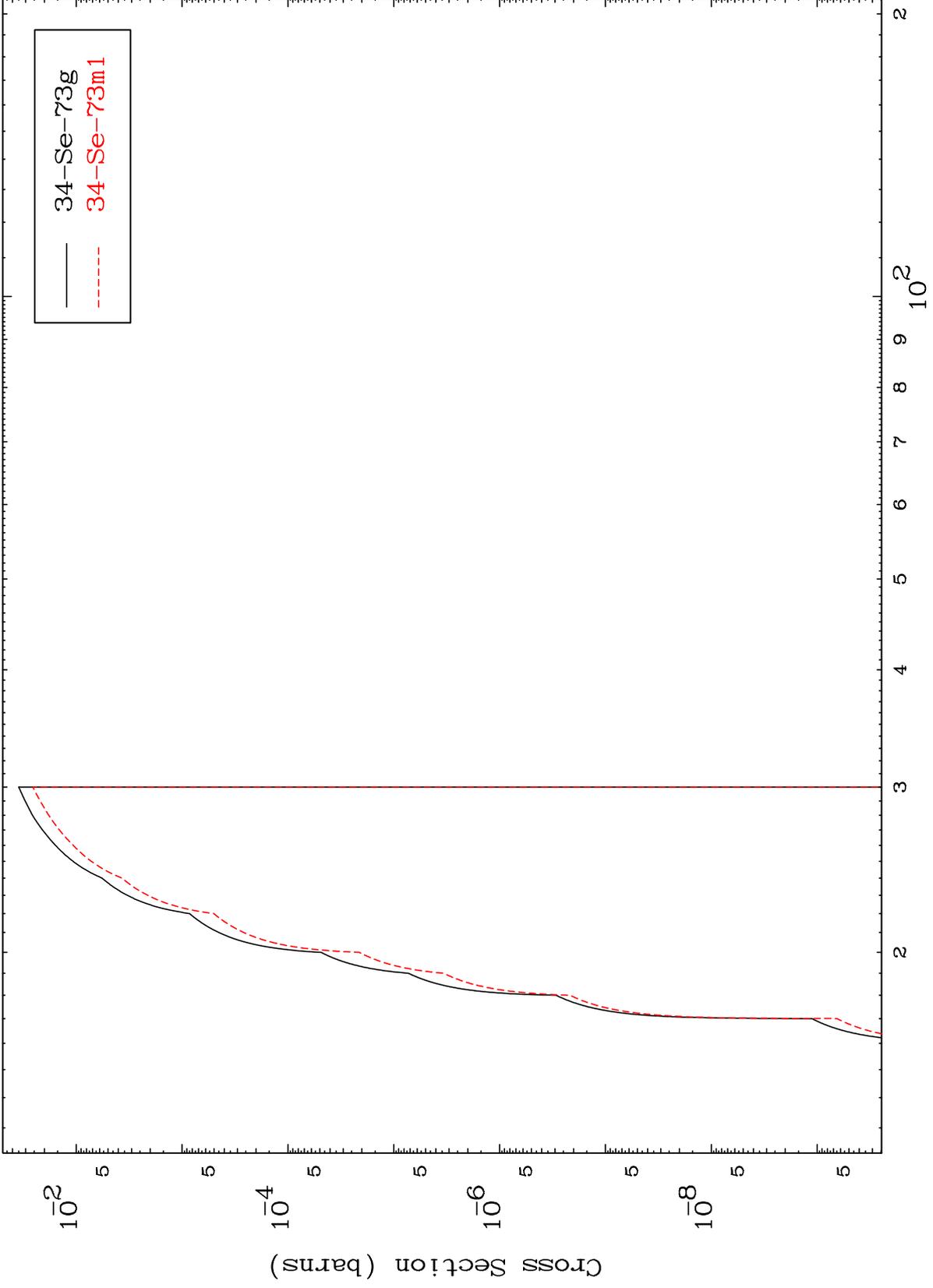
$^{34}\text{Se-74}$

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$(n, n') \alpha$

$^{34}\text{Se-74}$

Radionuclide Production Cross Section

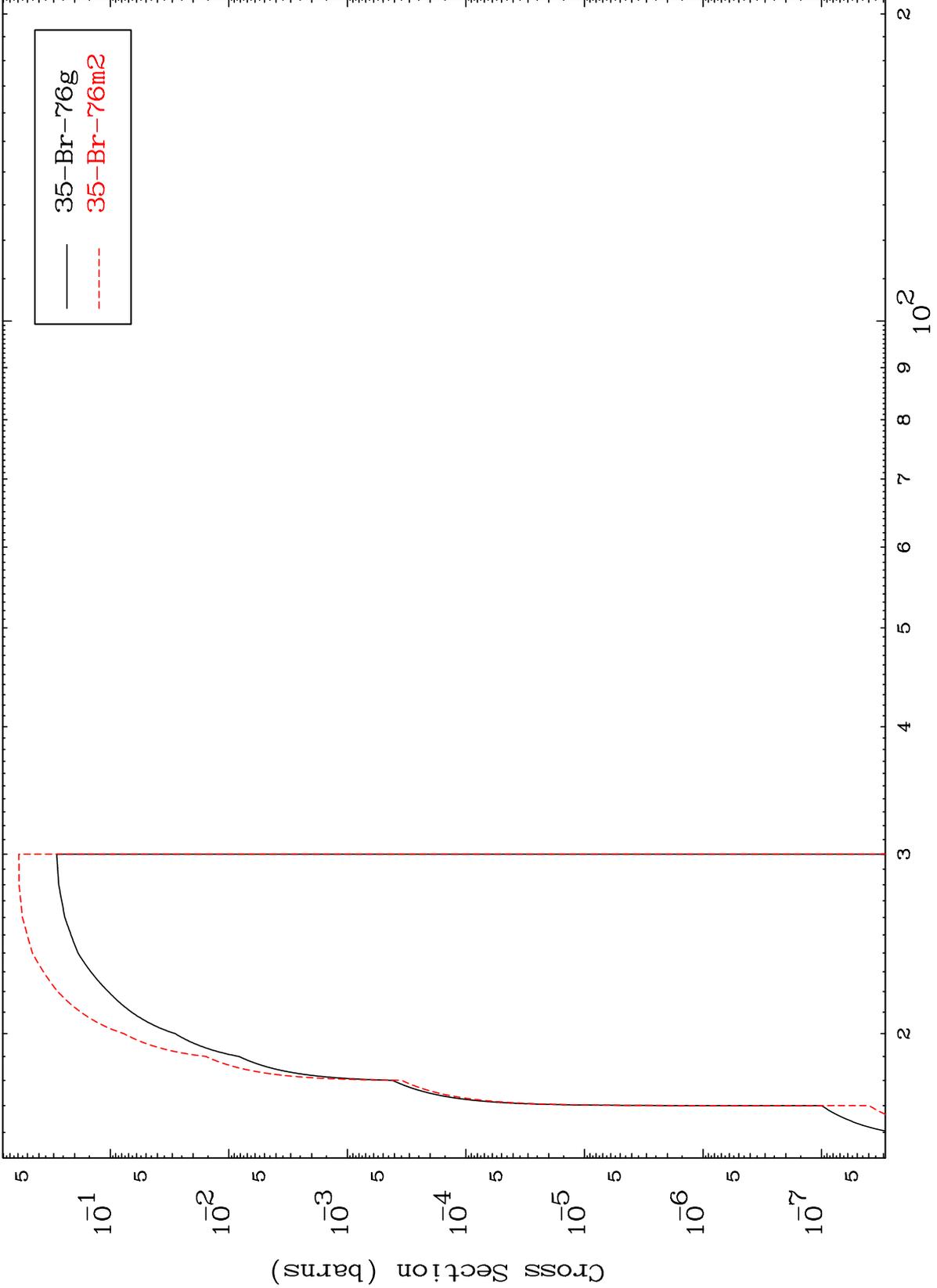


11

Incident Energy (MeV)

$^{34}\text{Se-74}$

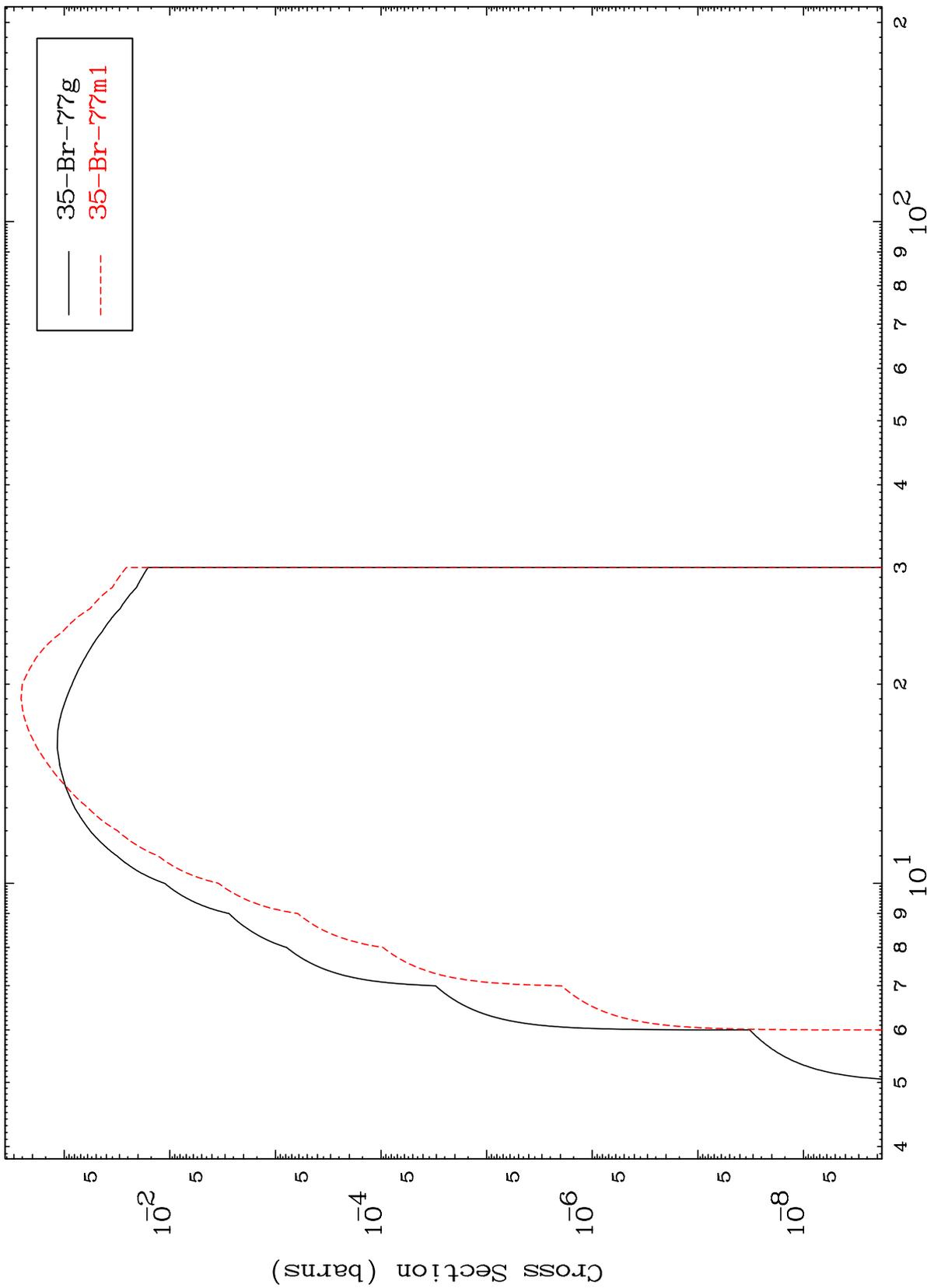
Radionuclide Production Cross Section



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³⁴Se-74

(n,p)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

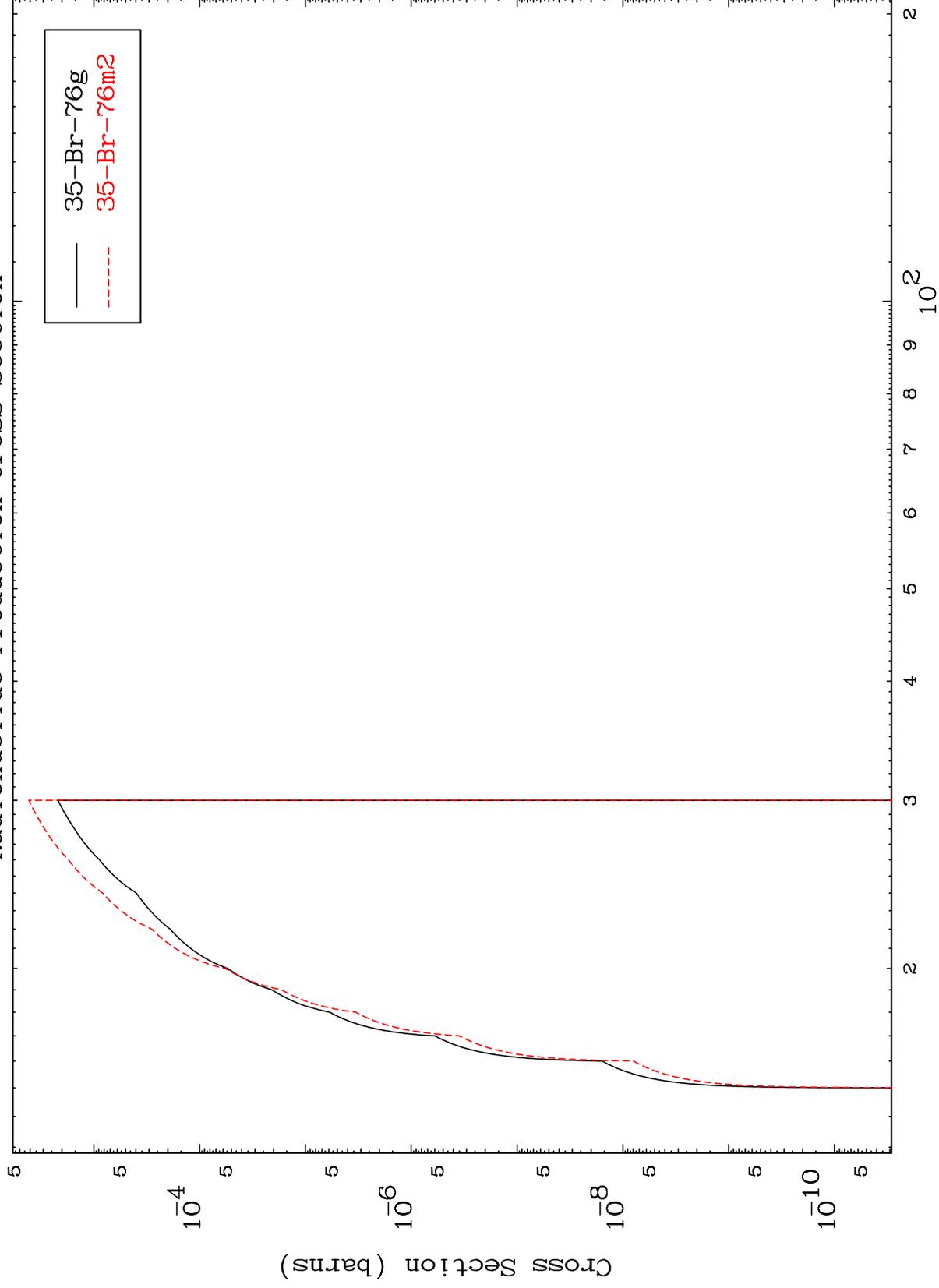
³⁴Se-74

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(n,d)

³⁴Se-74

Radionuclide Production Cross Section



14

Incident Energy (MeV)

³⁴Se-74