

Program EVALPLOT
(Version 2021-1)

by

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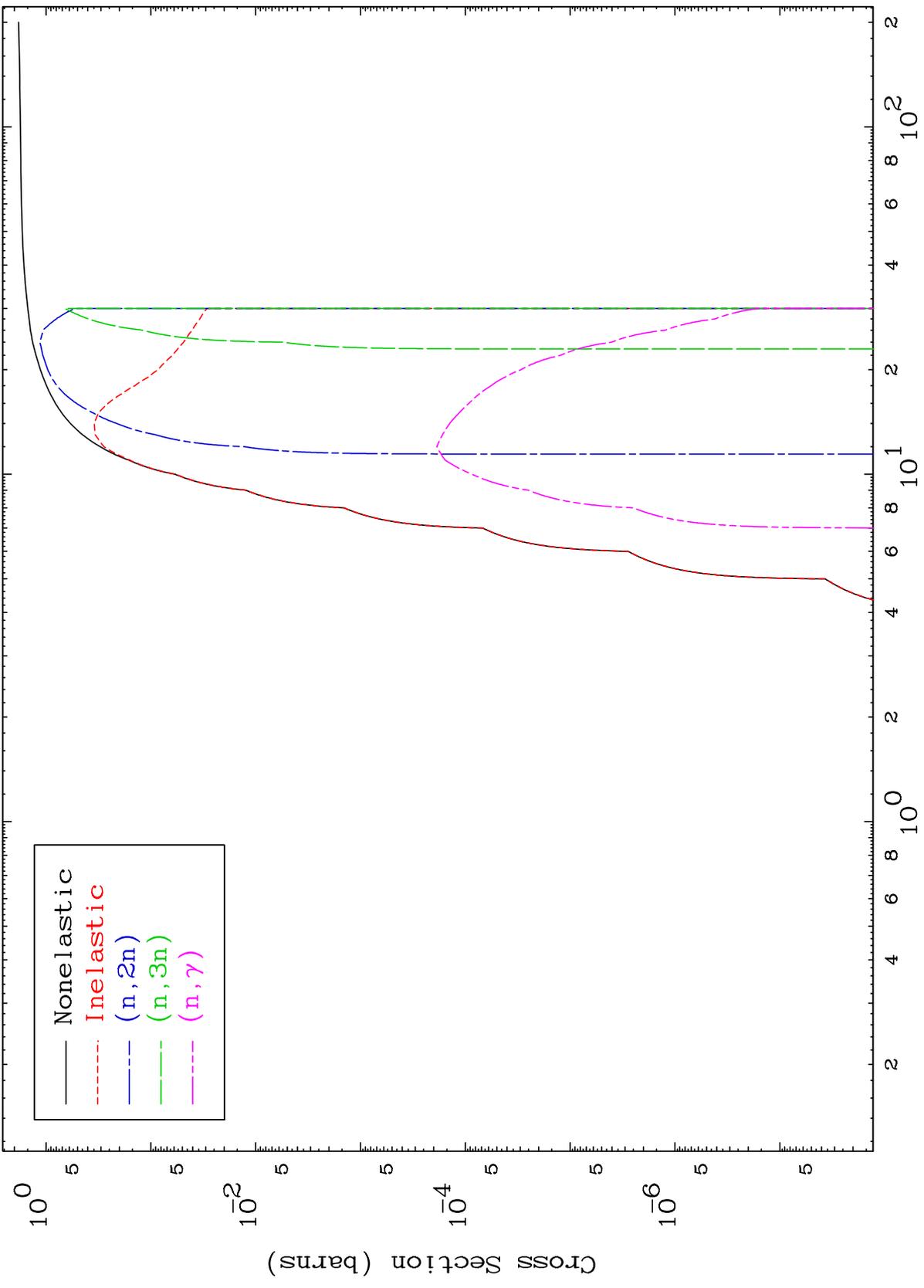
Press Mouse Button to Start

MAT 3443

α Major

³⁴Se-80

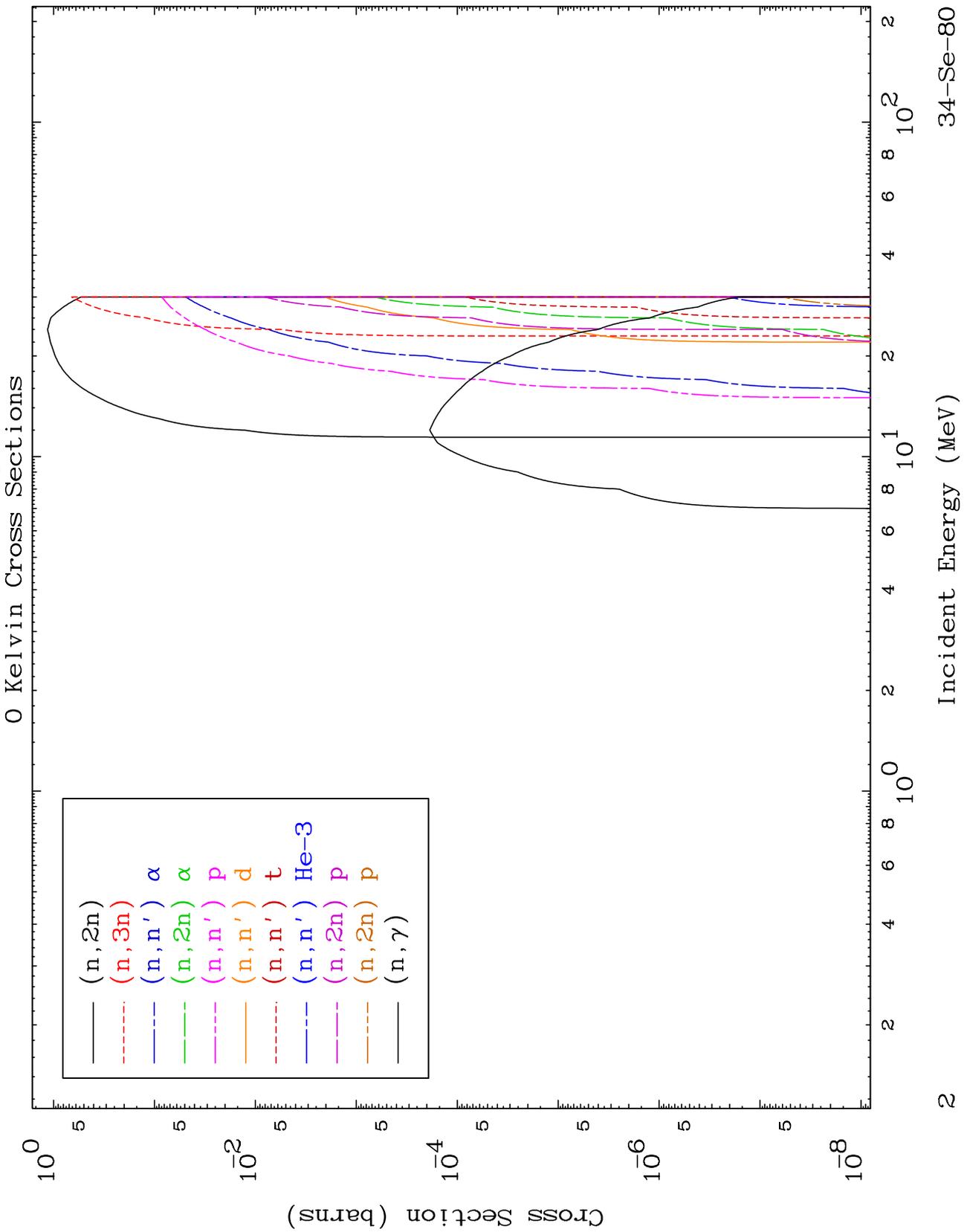
0 Kelvin Cross Sections



MAT 3443

α Neutron Absorption

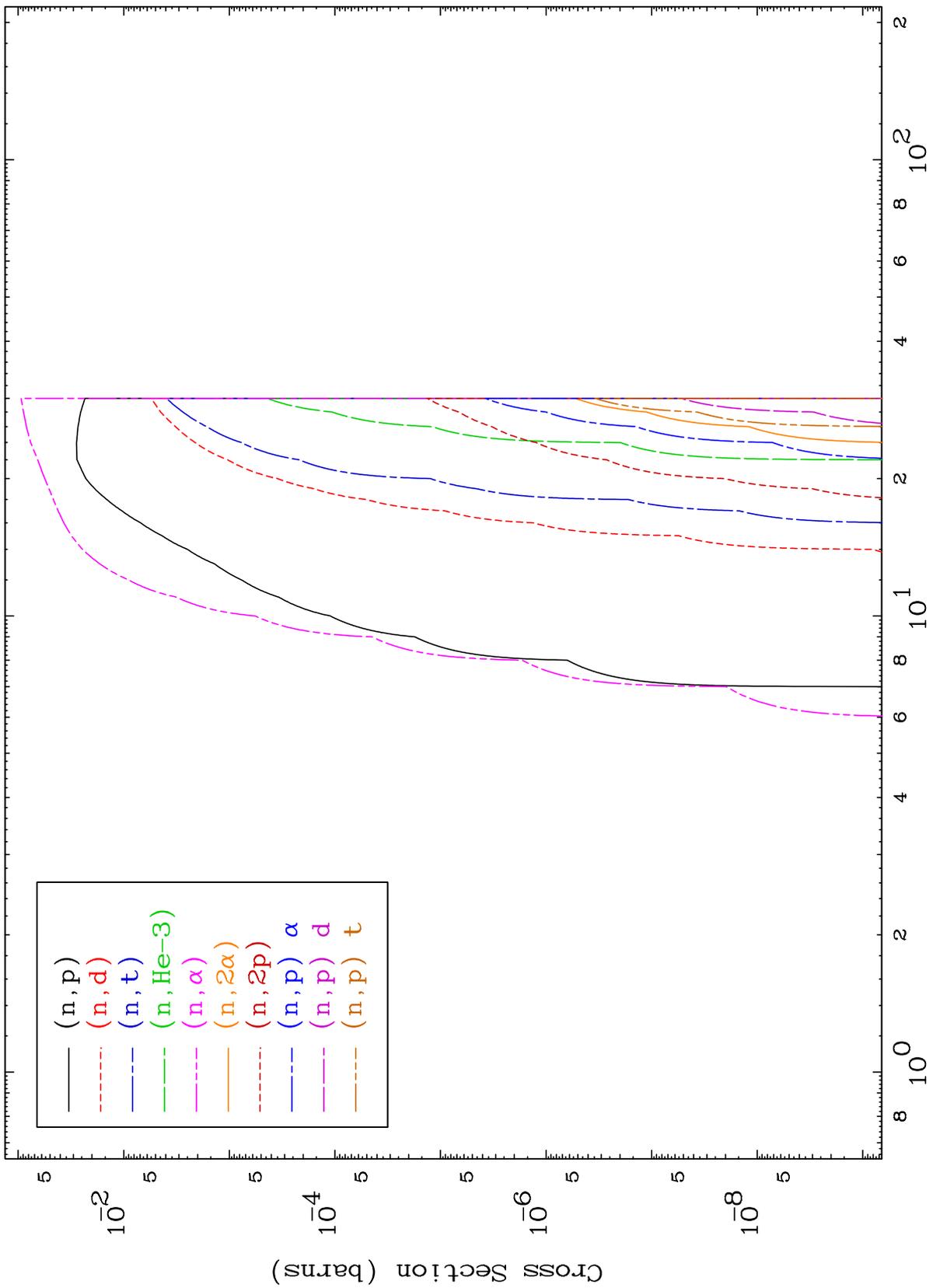
34-Se-80



MAT 3443

³⁴Se-80

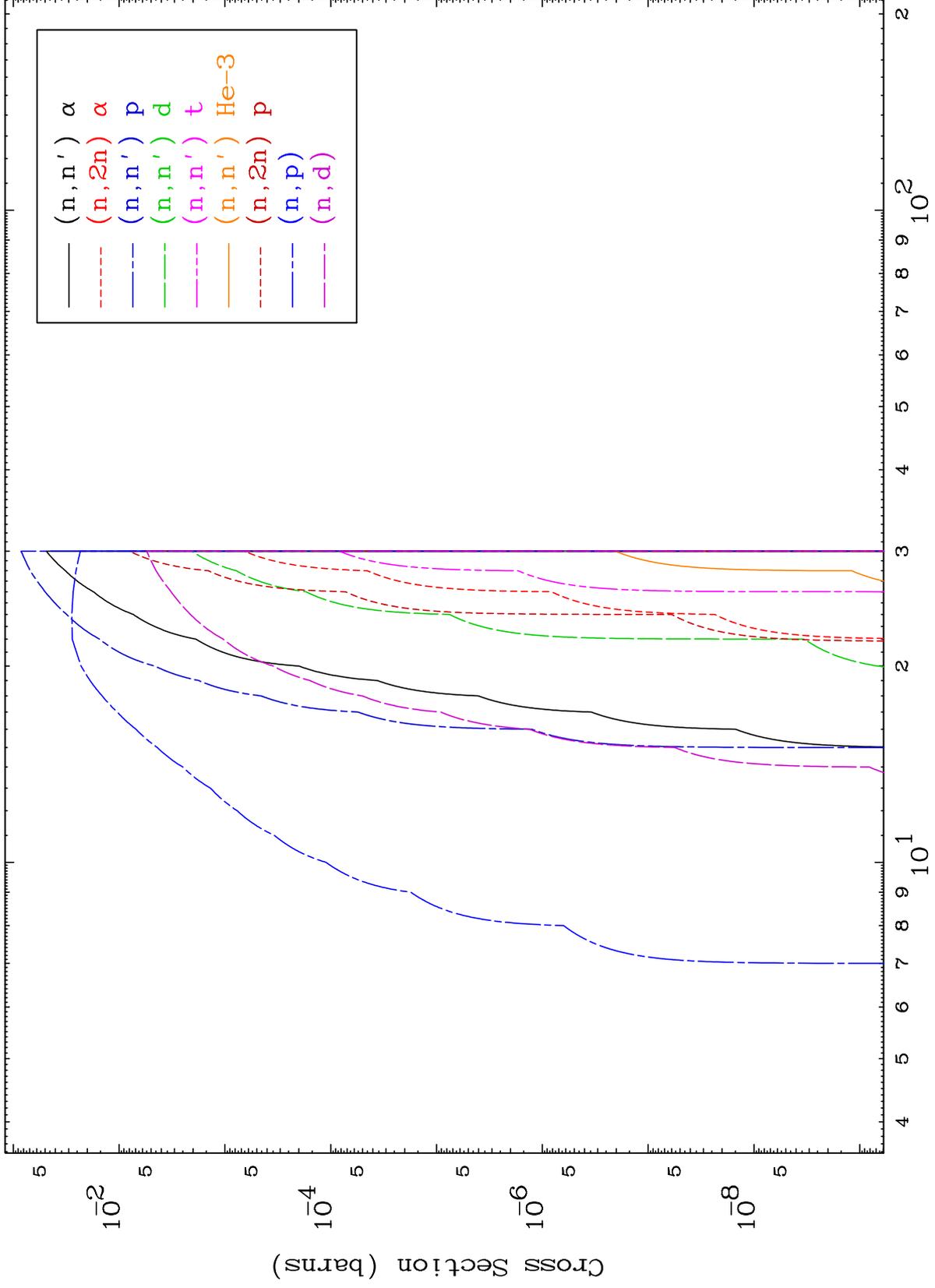
α Neutron Absorption
0 Kelvin Cross Sections



MAT 3443

α Charged Particle
0 Kelvin Cross Sections

$^{34}\text{Se-80}$



$^{34}\text{Se-80}$

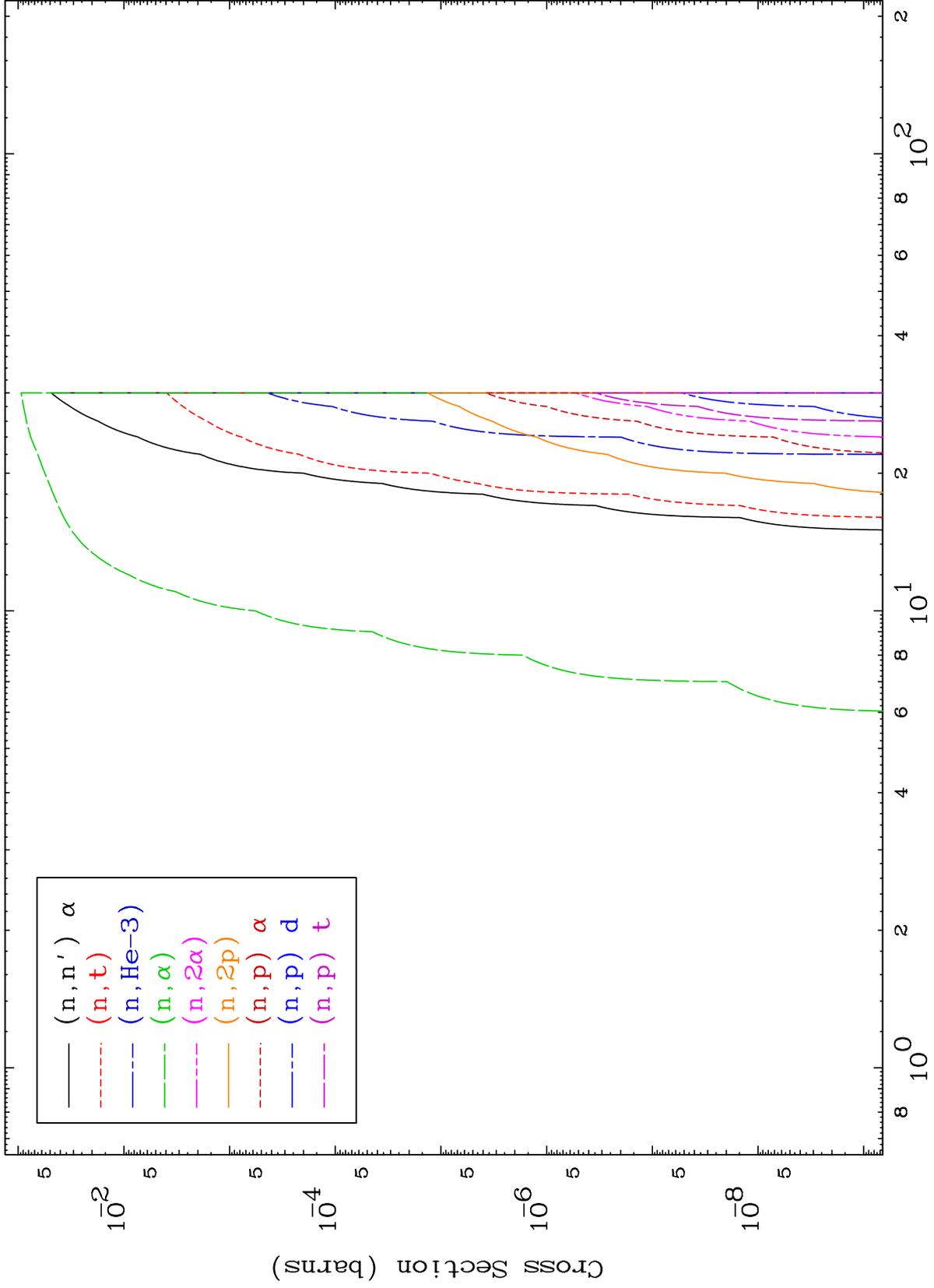
Incident Energy (MeV)

4

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α Charged Particle
0 Kelvin Cross Sections

³⁴Se-80



5

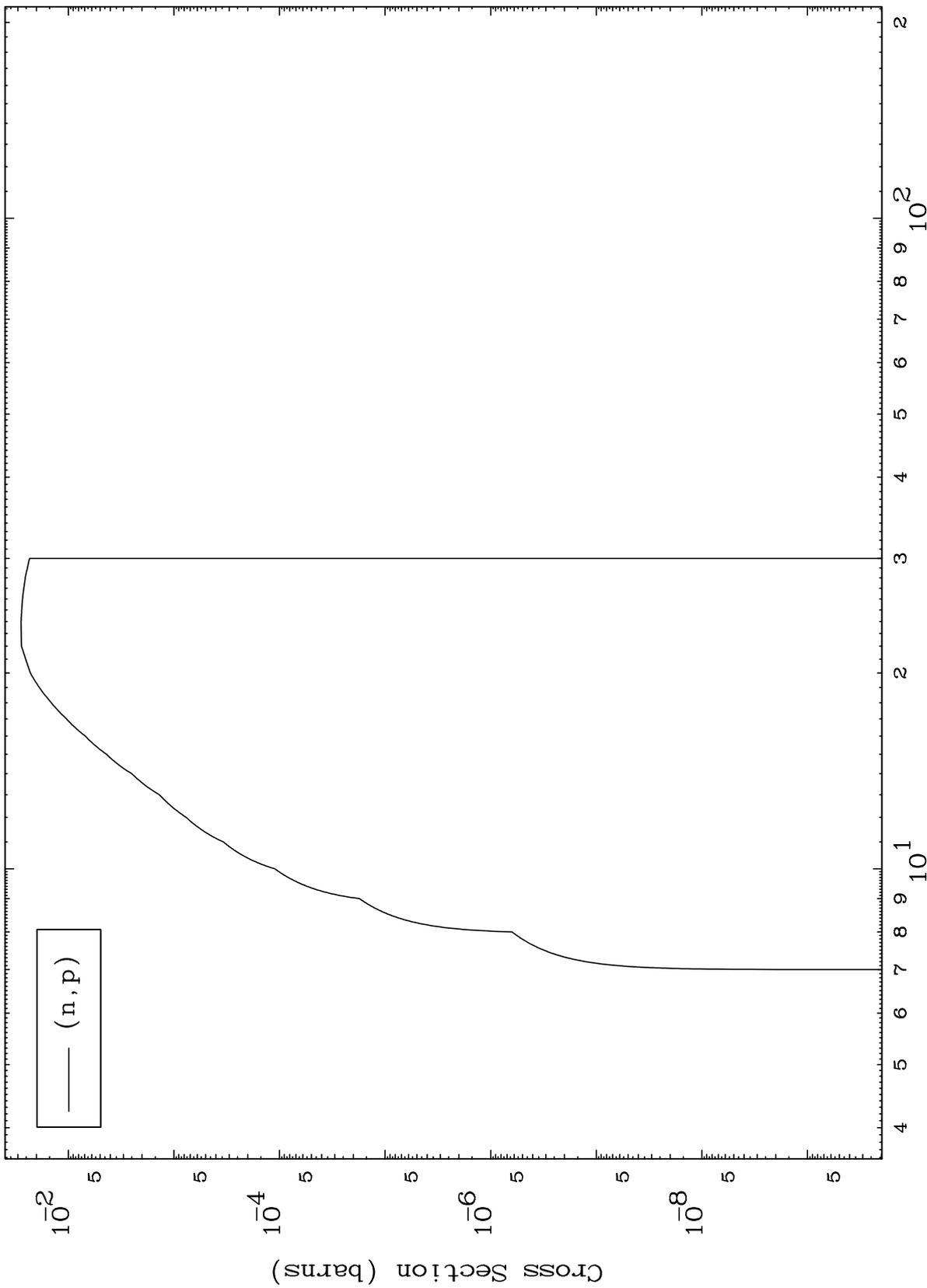
Incident Energy (MeV)

³⁴Se-80

MAT 3443

³⁴Se-80

(α, p) Levels
0 Kelvin Cross Sections



³⁴Se-80

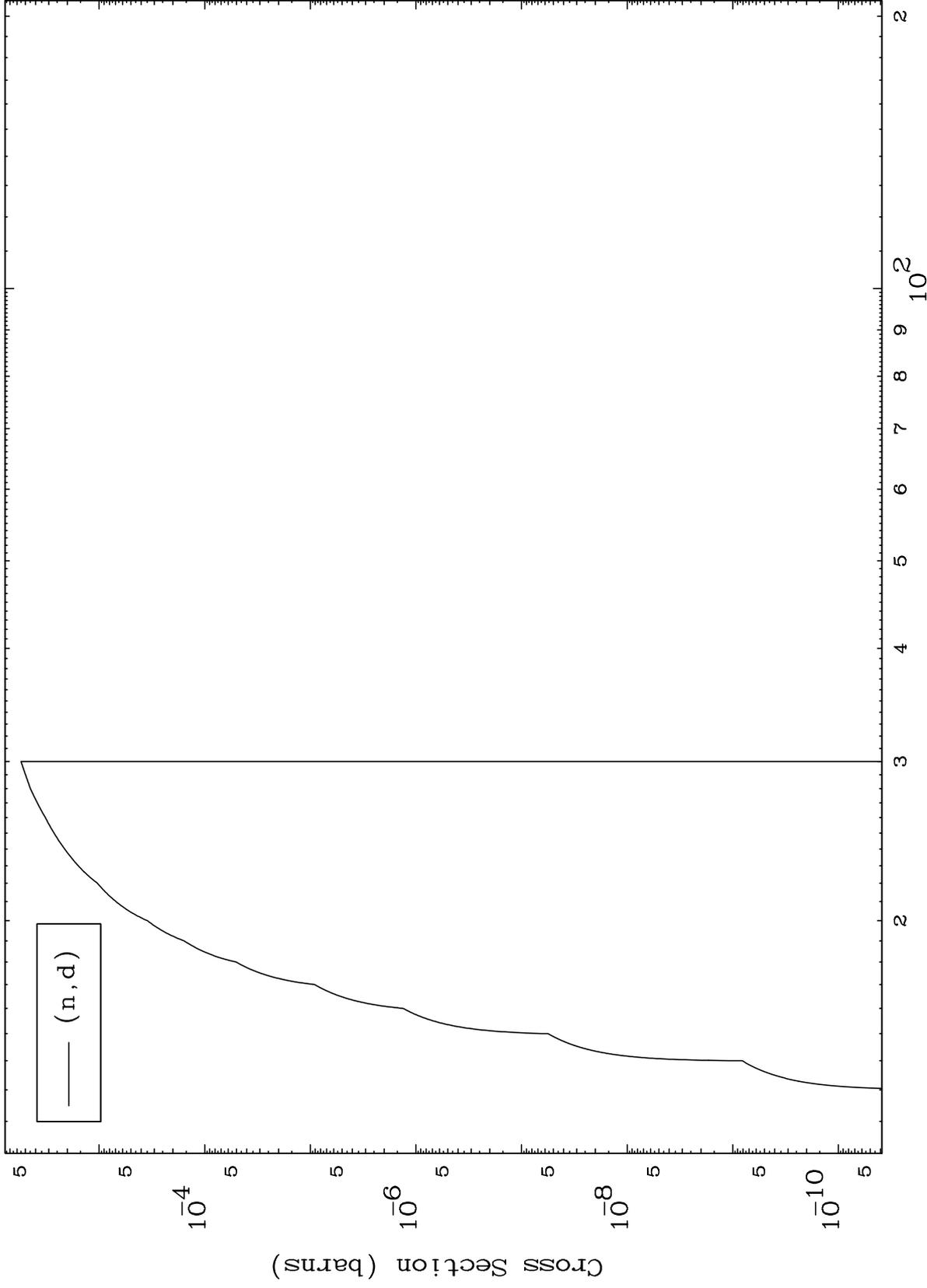
Incident Energy (MeV)

6

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(α, d) Levels
0 Kelvin Cross Sections

³⁴Se-80



7

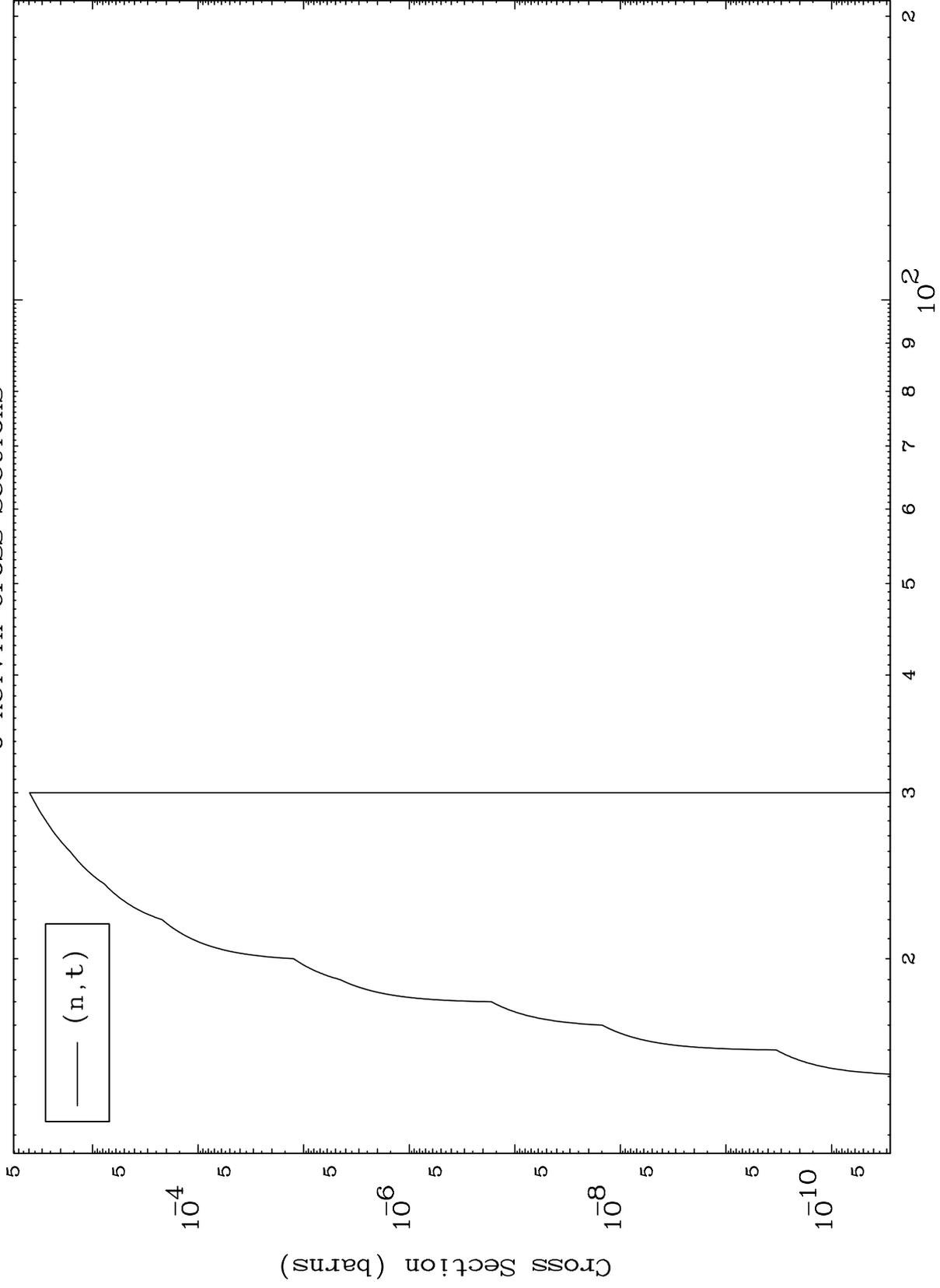
Incident Energy (MeV)

³⁴Se-80

MAT 3443

(α, t) Levels
0 Kelvin Cross Sections

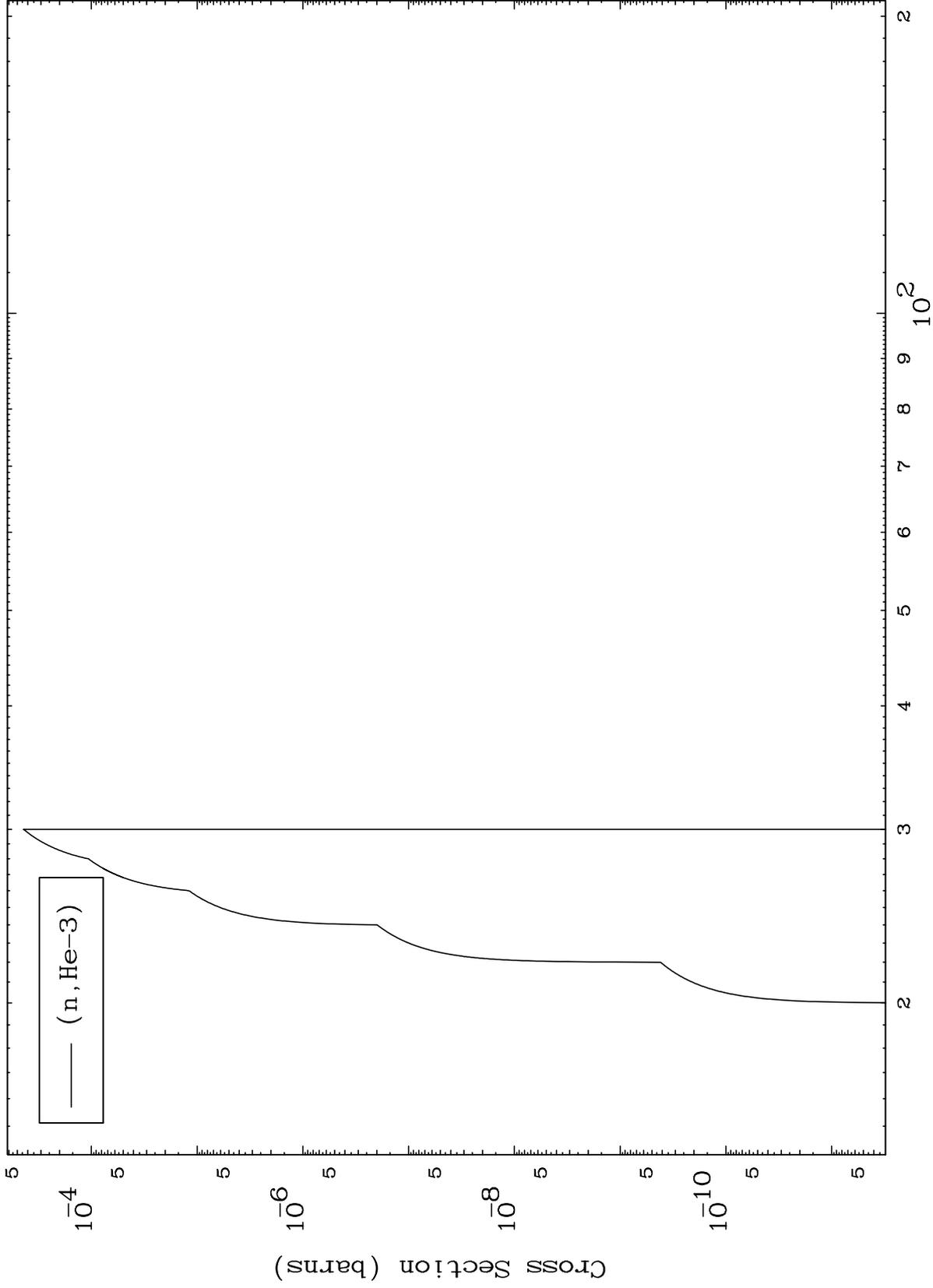
³⁴Se-80



8

Incident Energy (MeV)

³⁴Se-80

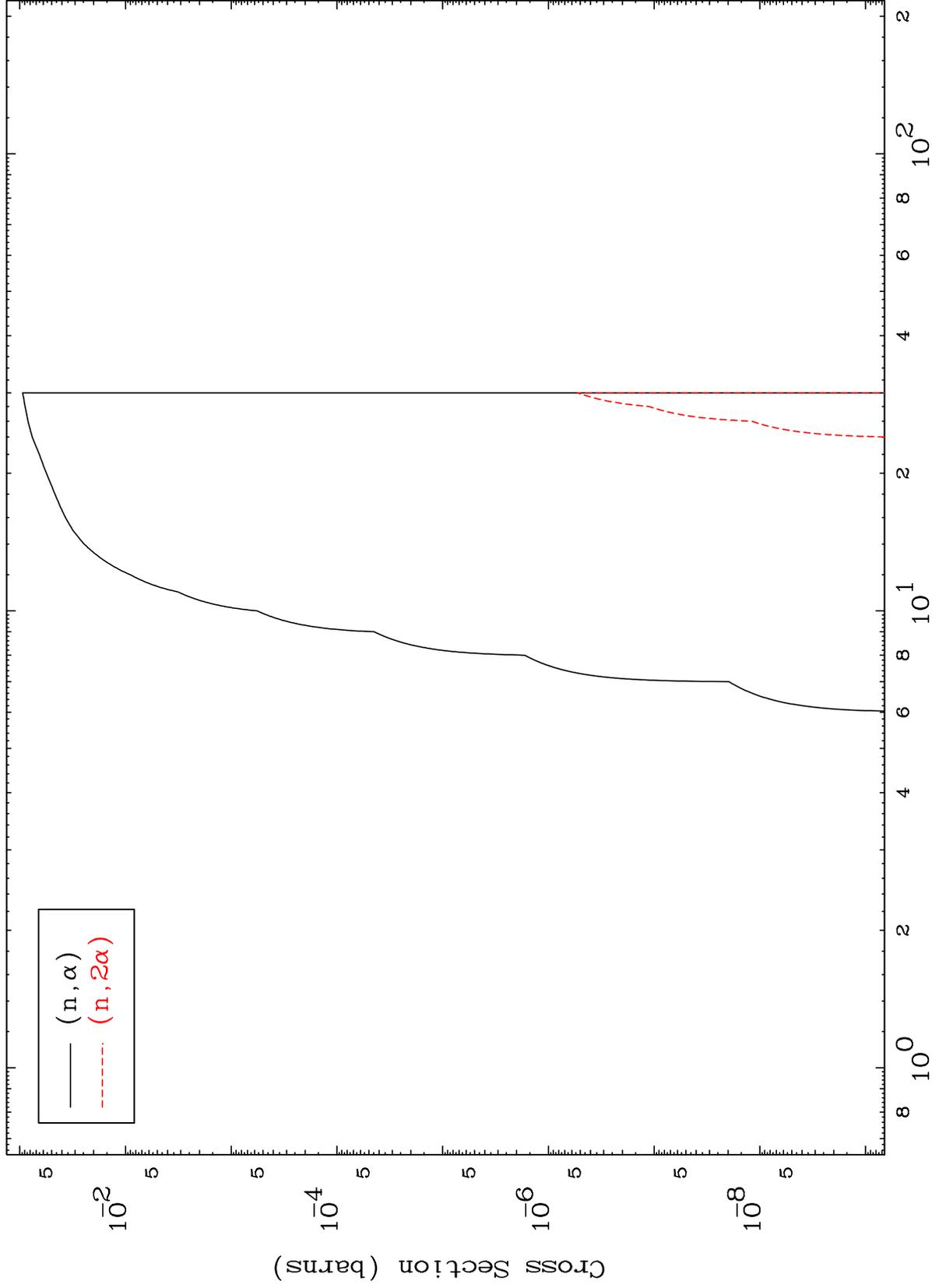


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(α, α) Levels

$^{34}\text{Se-80}$

0 Kelvin Cross Sections



10

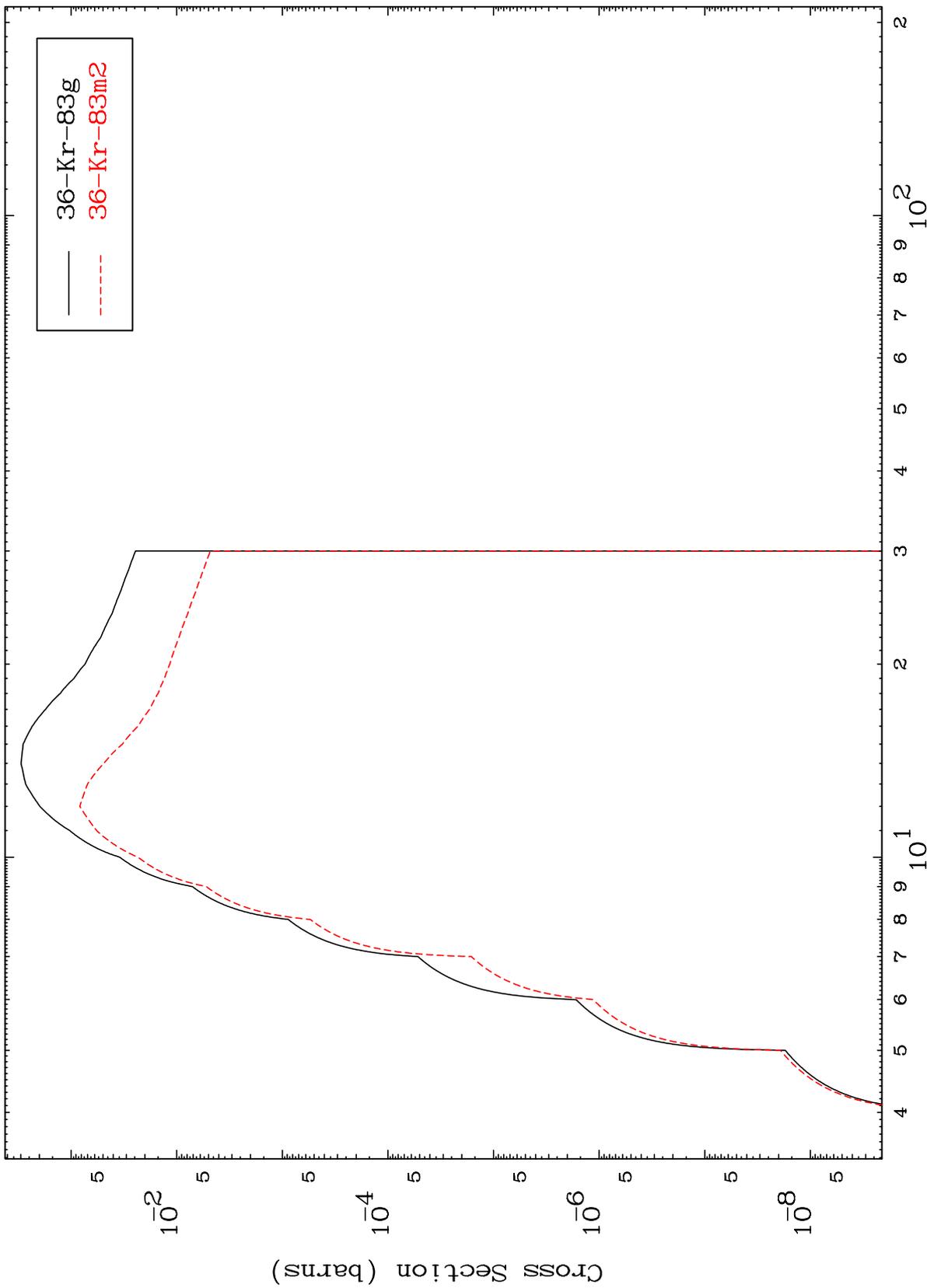
Incident Energy (MeV)

$^{34}\text{Se-80}$

MAT 3443

34-Se-80

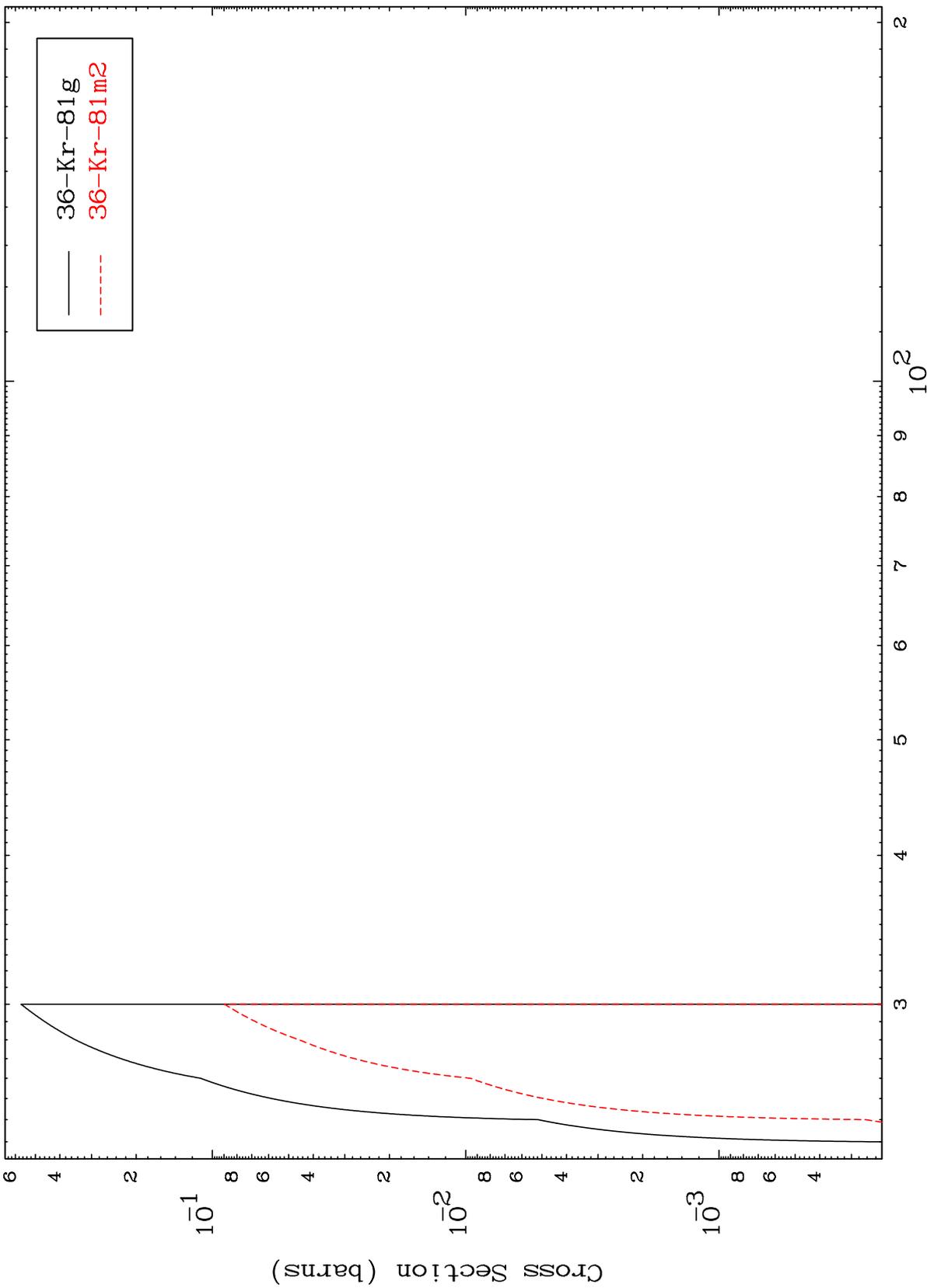
Inelastic
Radionuclide Production Cross Section



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34-Se-80

(n,3n)
Radionuclide Production Cross Section



34-Se-80

Incident Energy (MeV)

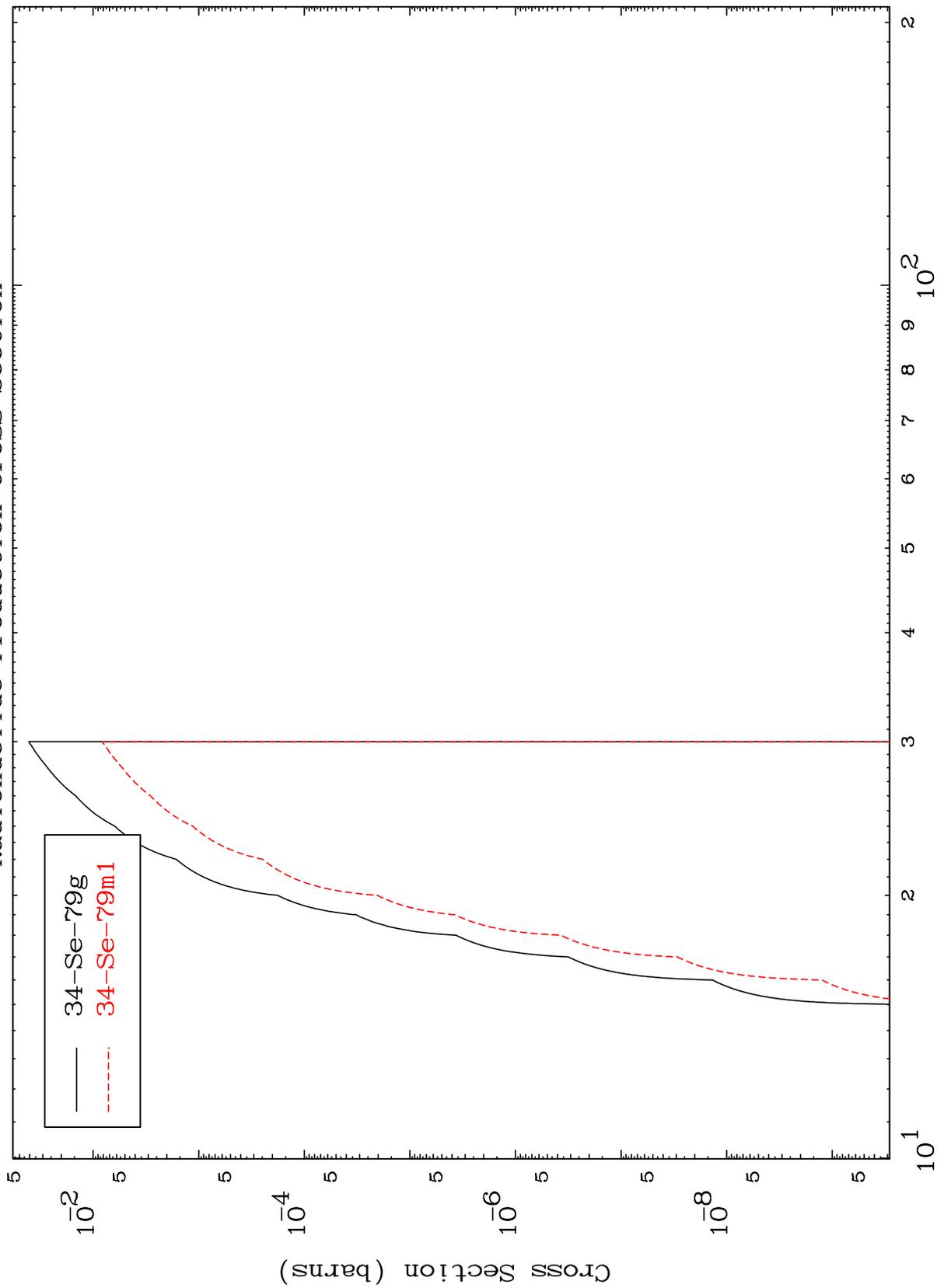
12

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$^{34}\text{Se-80}$

$(n, n') \alpha$

Radionuclide Production Cross Section



$^{34}\text{Se-80}$

Incident Energy (MeV)

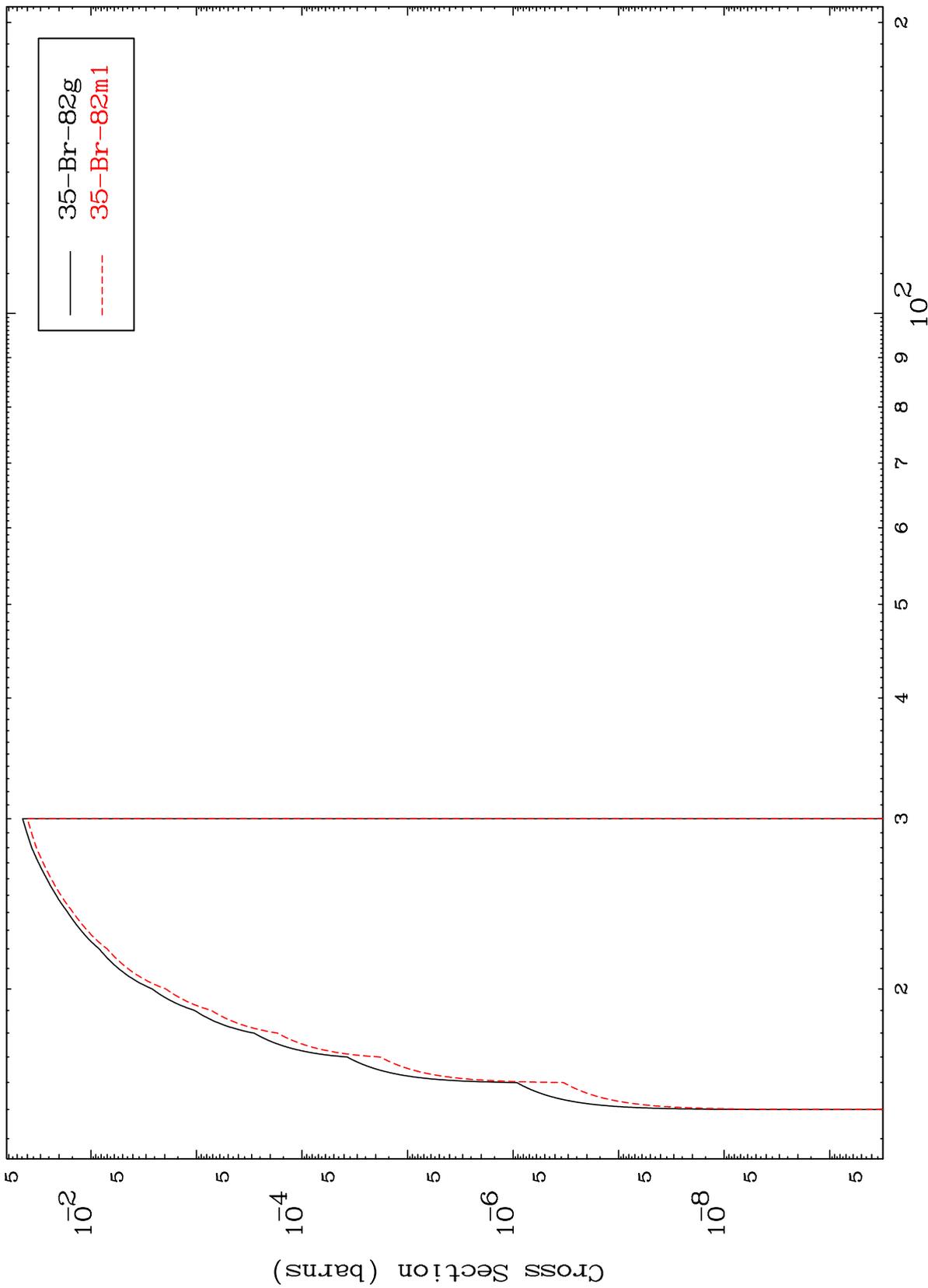
13

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(n,n') p

³⁴Se-80

Radionuclide Production Cross Section



14

Incident Energy (MeV)

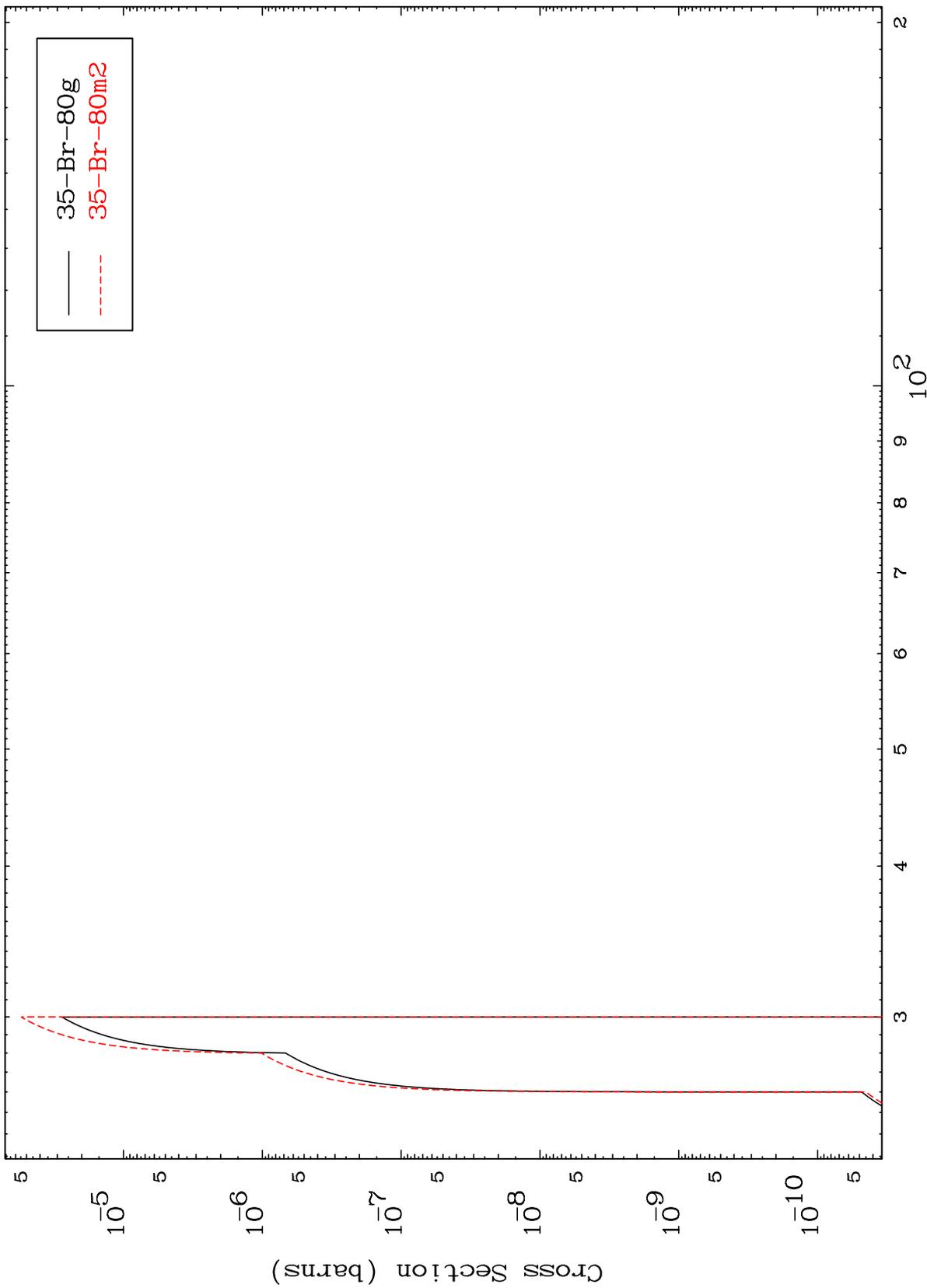
³⁴Se-80

MAT 3443

(n,n') t

³⁴Se-80

Radionuclide Production Cross Section



35-Br-80g
35-Br-80m2

15

Incident Energy (MeV)

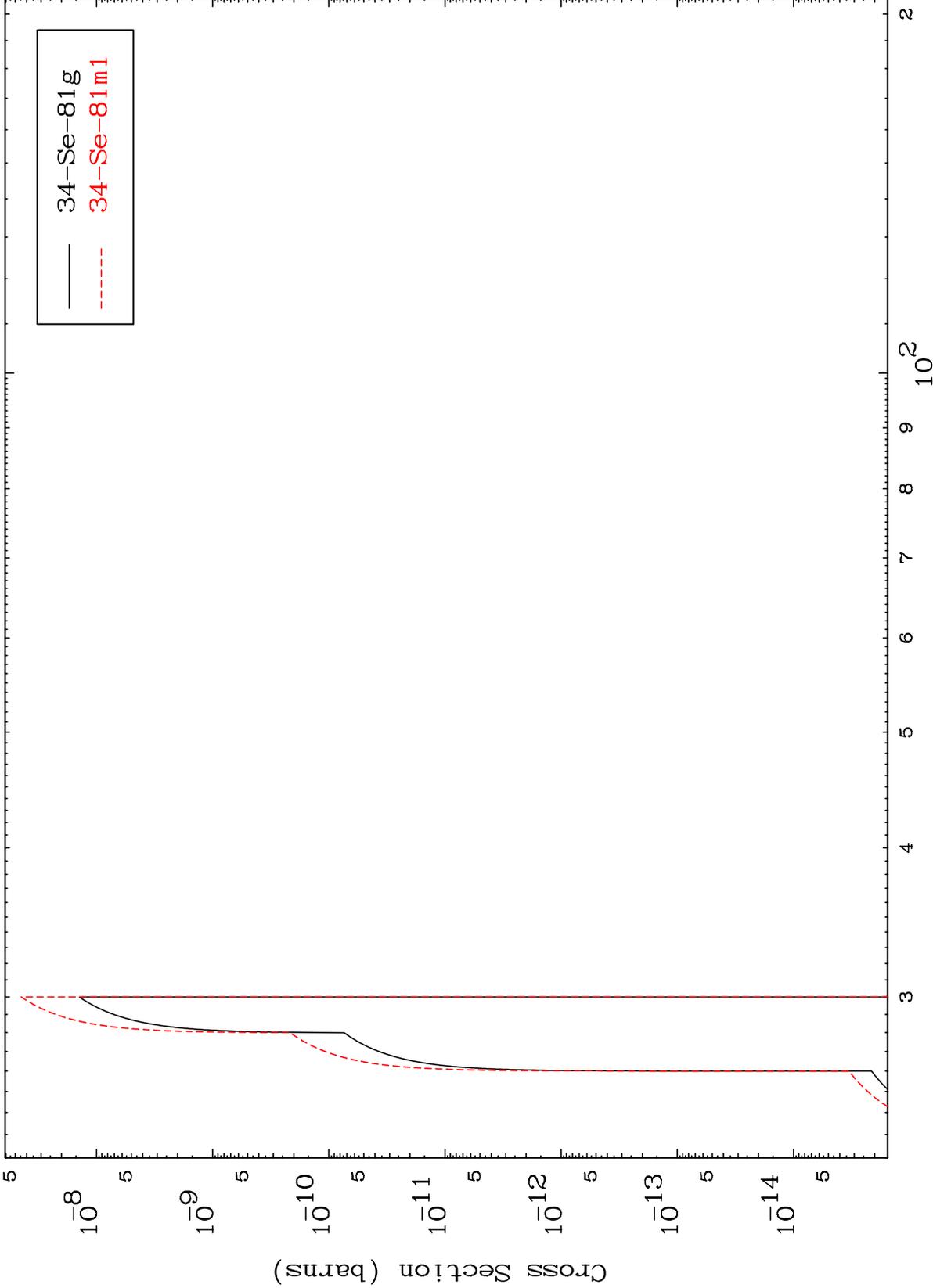
³⁴Se-80

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(n,2n) p

³⁴Se-80

Radionuclide Production Cross Section



16

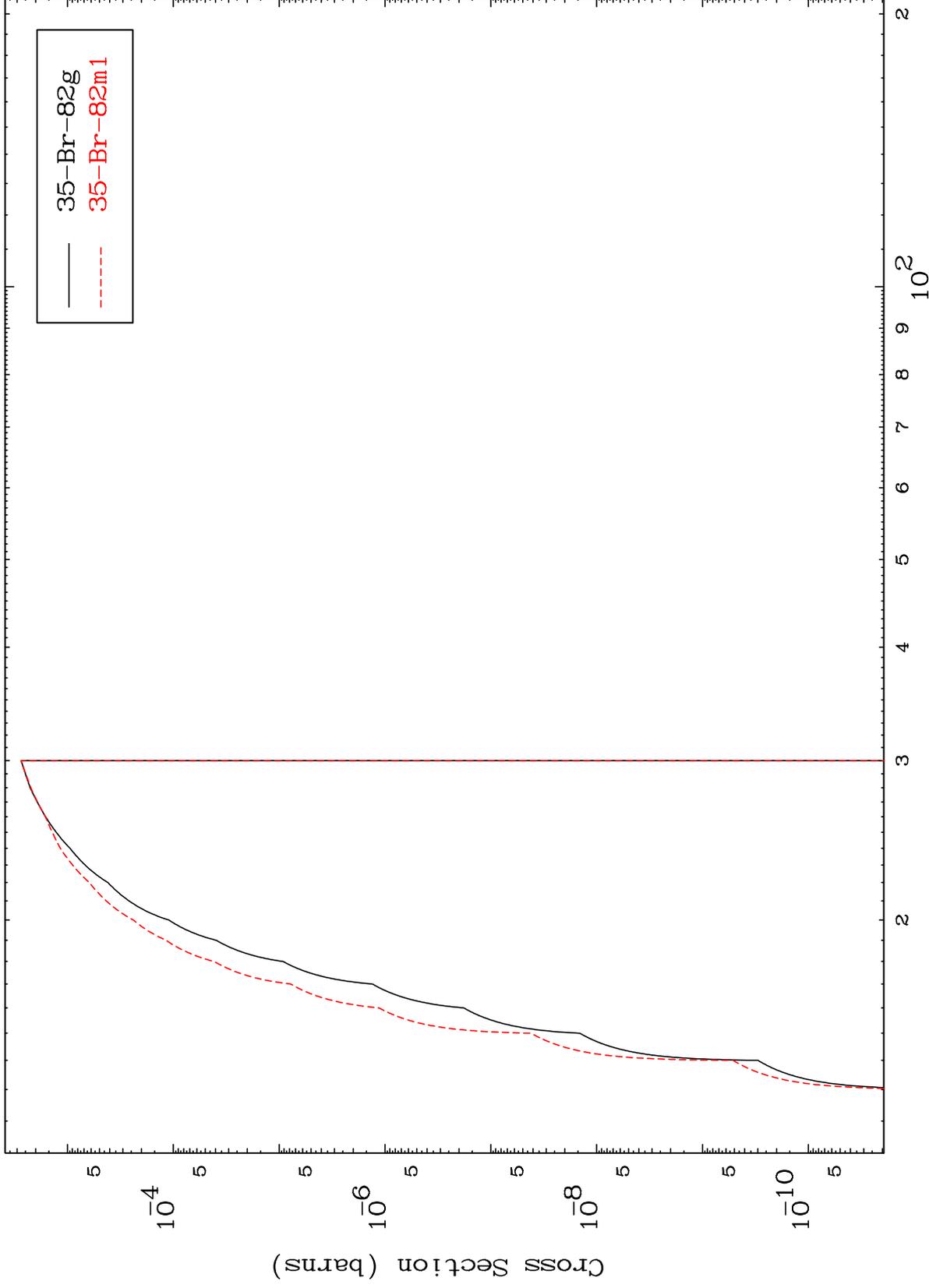
Incident Energy (MeV)

³⁴Se-80

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34-Se-80

(n,d)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

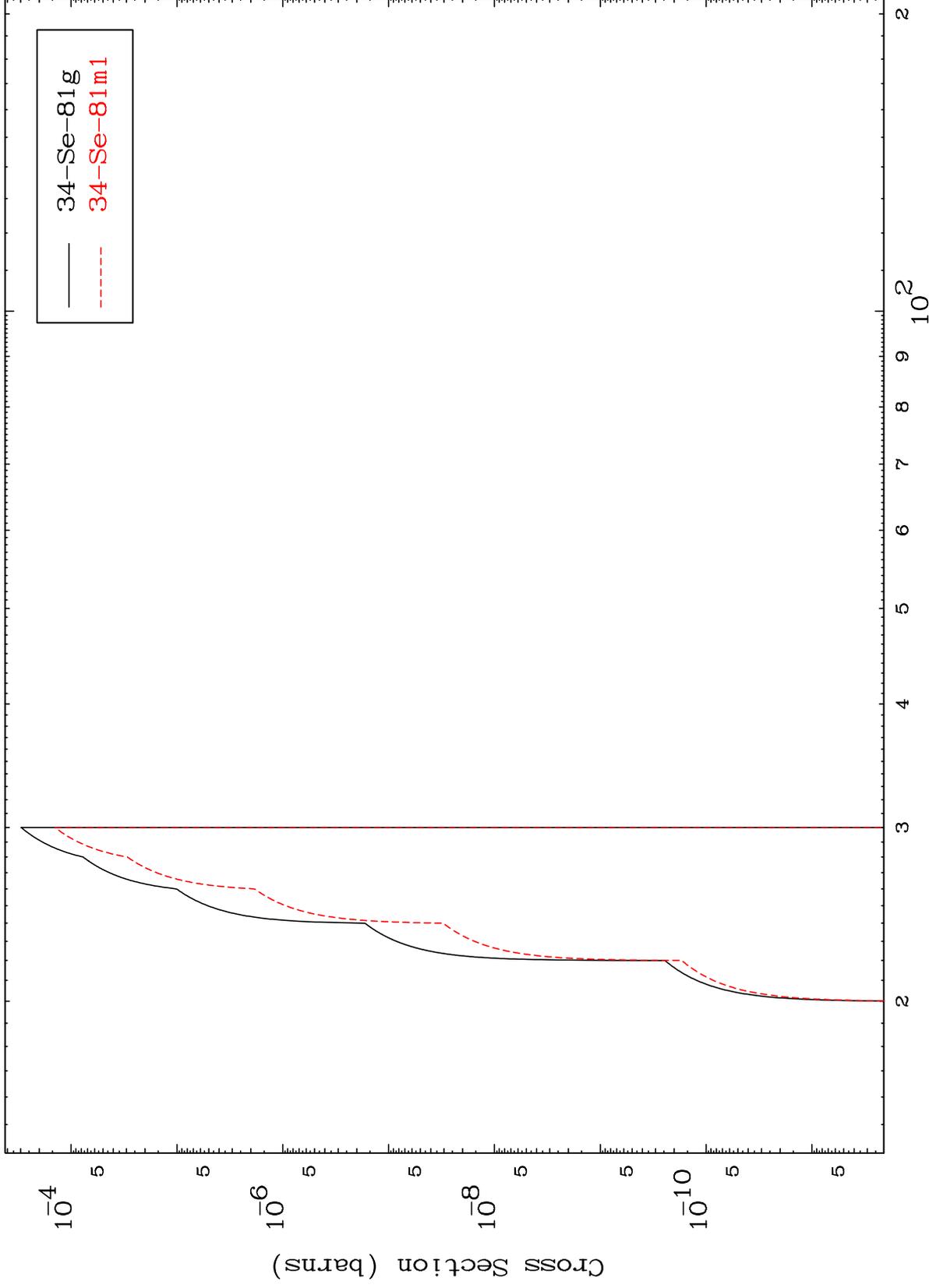
34-Se-80

MAT 3443

(n,He-3)

34-Se-80

Radionuclide Production Cross Section



18

Incident Energy (MeV)

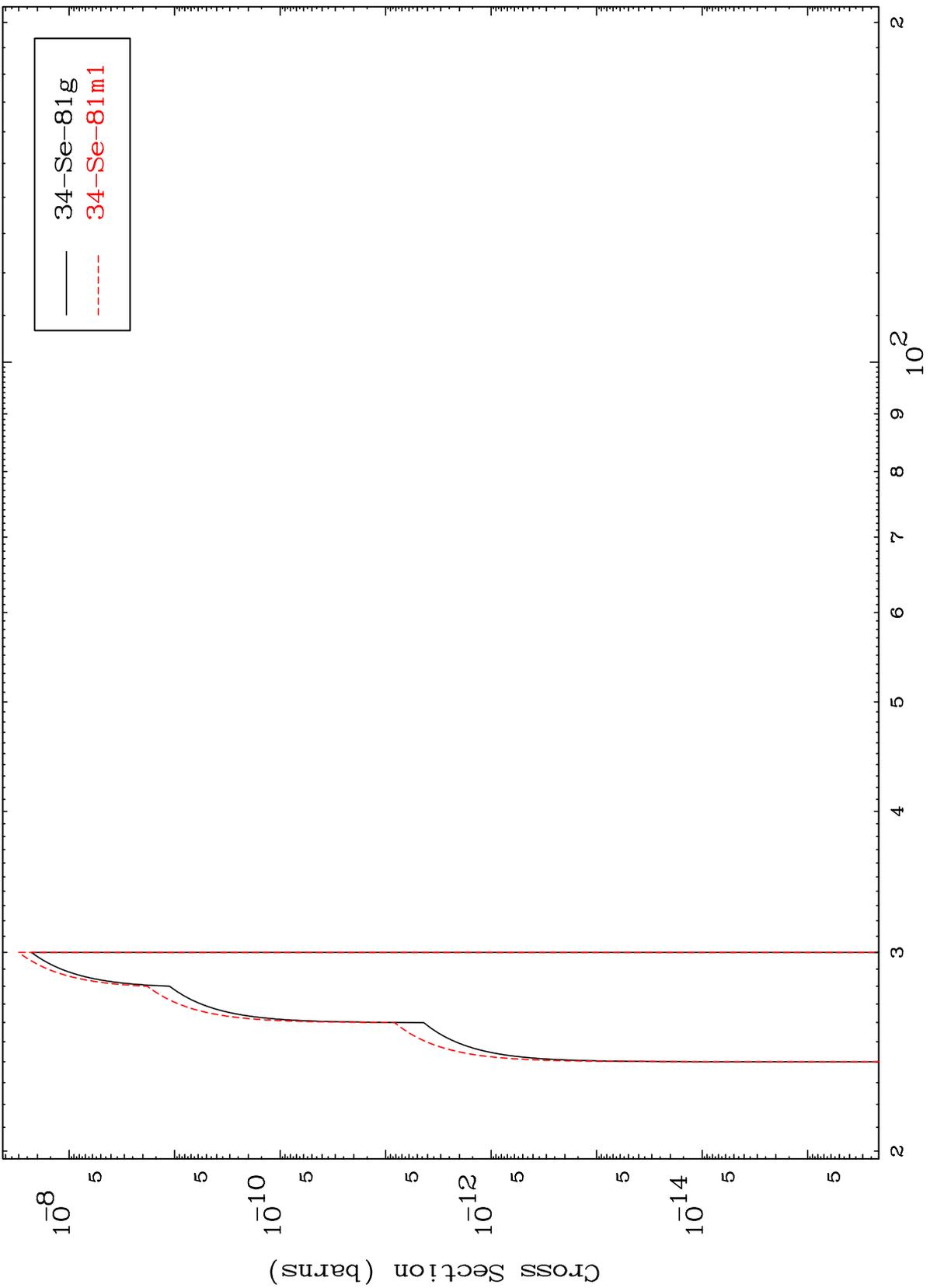
34-Se-80

MAT 3443

(n,p) d

³⁴Se-80

Radionuclide Production Cross Section



19

Incident Energy (MeV)

³⁴Se-80