

Program EVALPLOT
(Version 2021-1)

by

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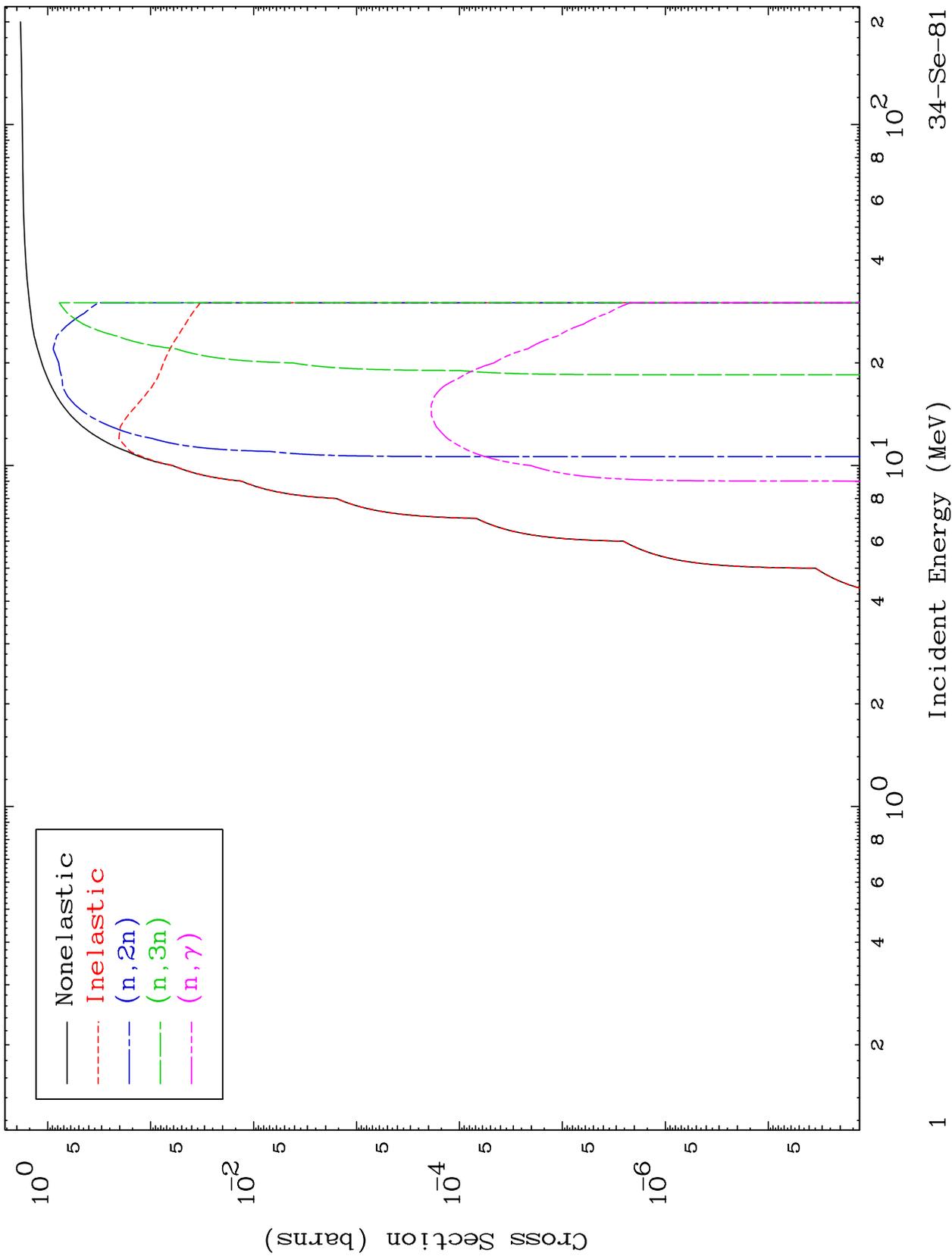
Press Mouse Button to Start

MAT 3446

0 Kelvin

Major Cross Sections

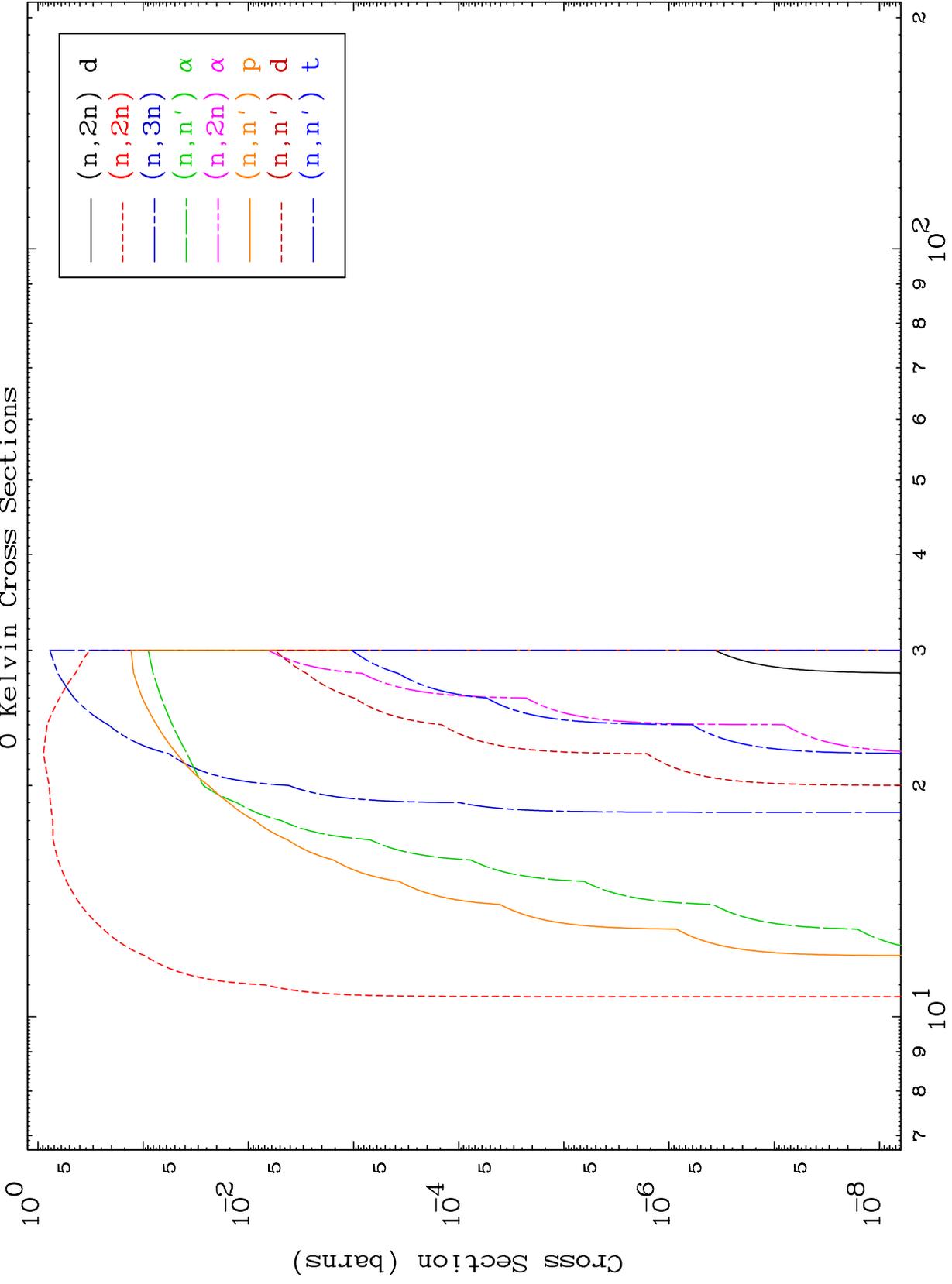
³⁴Se-81



MAT 3446

α Neutron Absorption
0 Kelvin Cross Sections

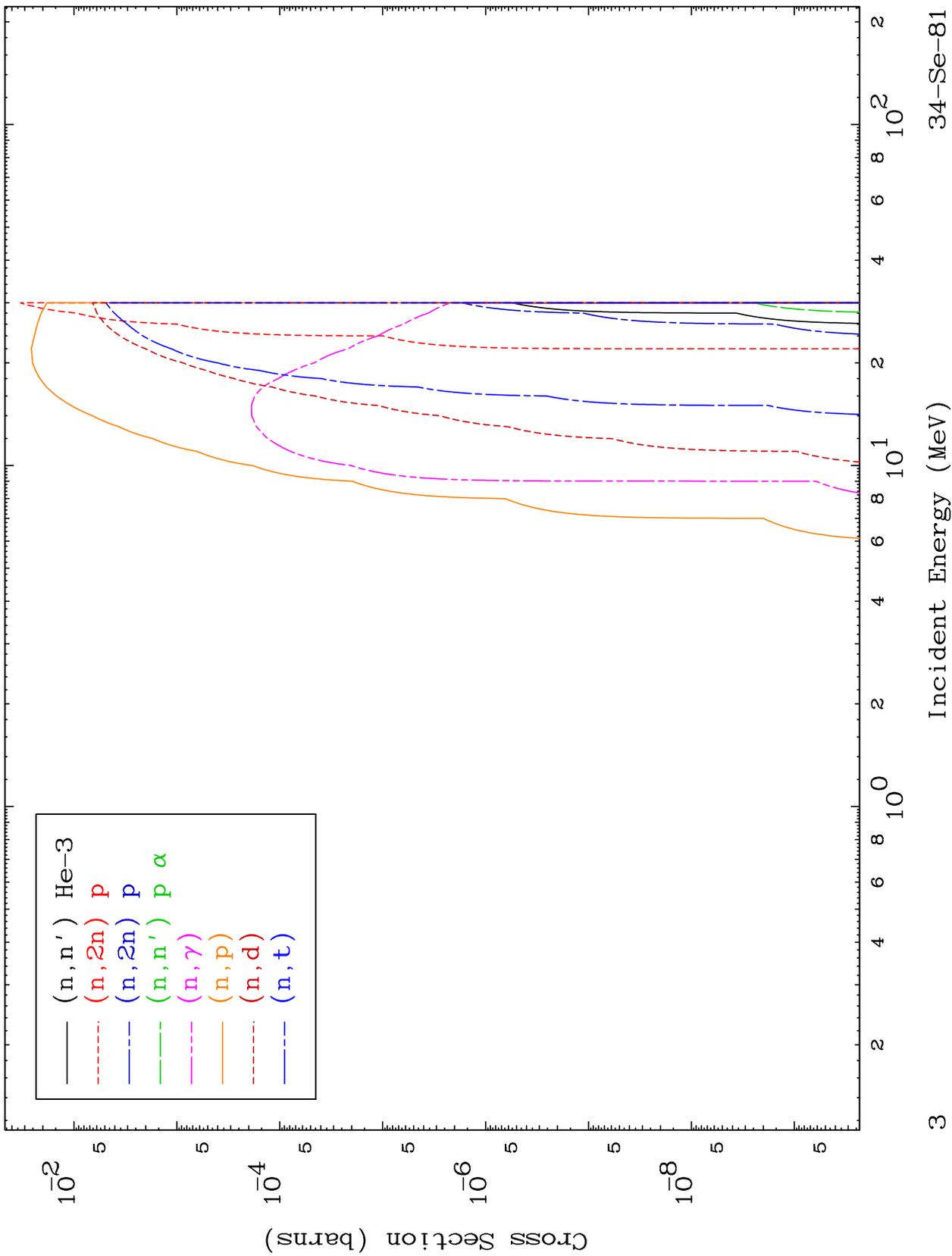
³⁴Se-81



2

Incident Energy (MeV)

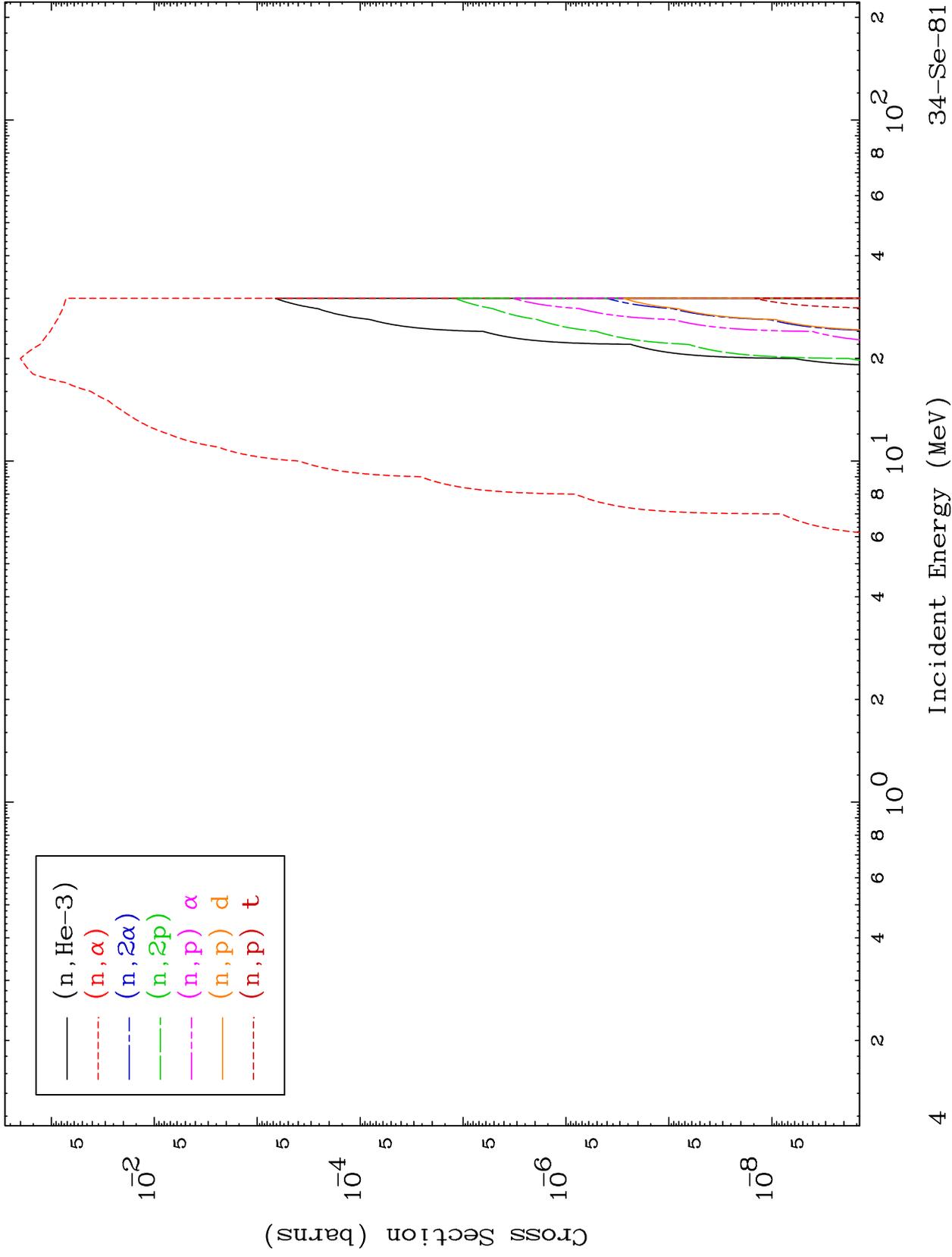
³⁴Se-81



MAT 3446

α Neutron Absorption
0 Kelvin Cross Sections

³⁴Se-81

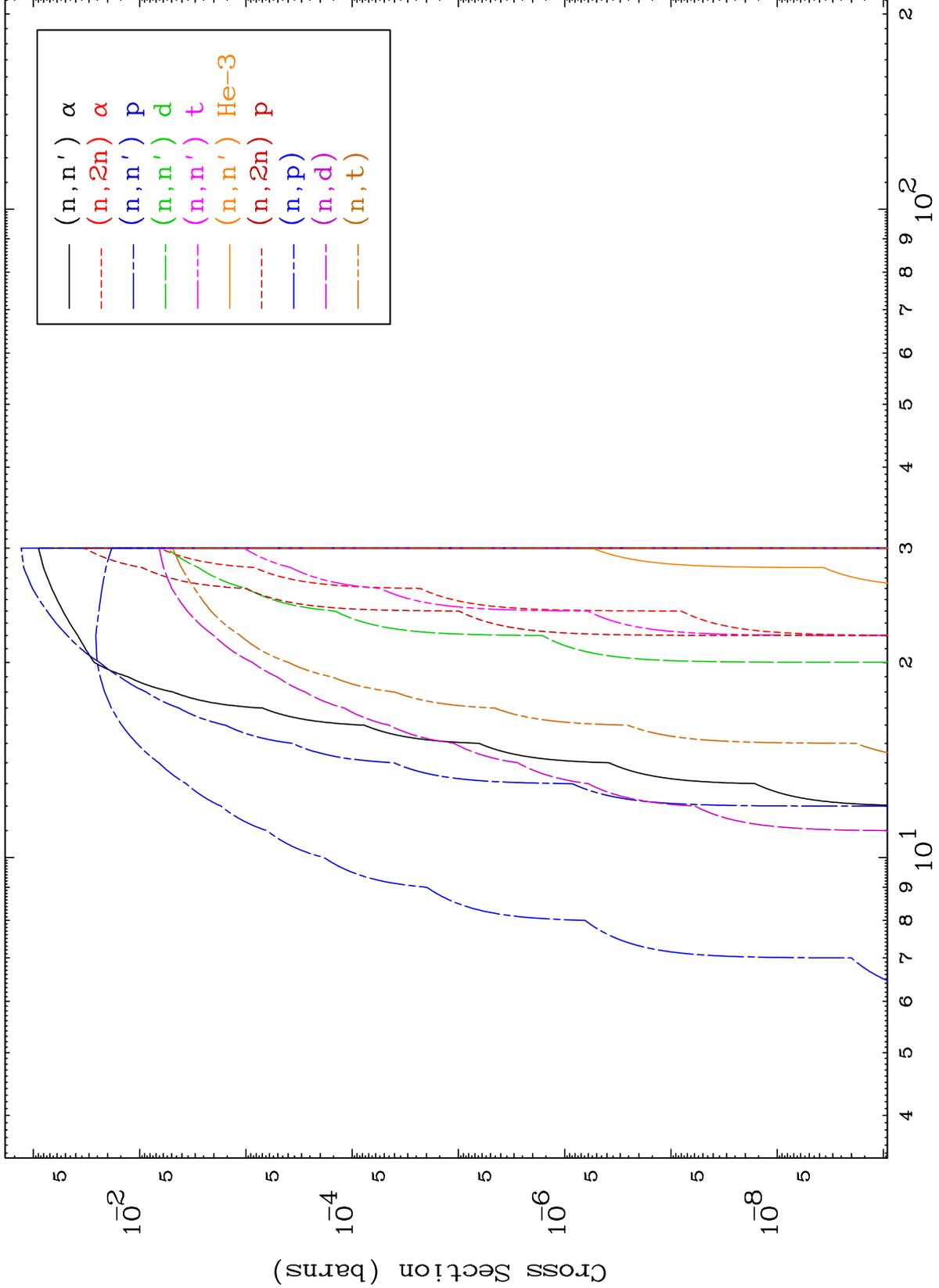


³⁴Se-81

MAT 3446

α Charged Particle
0 Kelvin Cross Sections

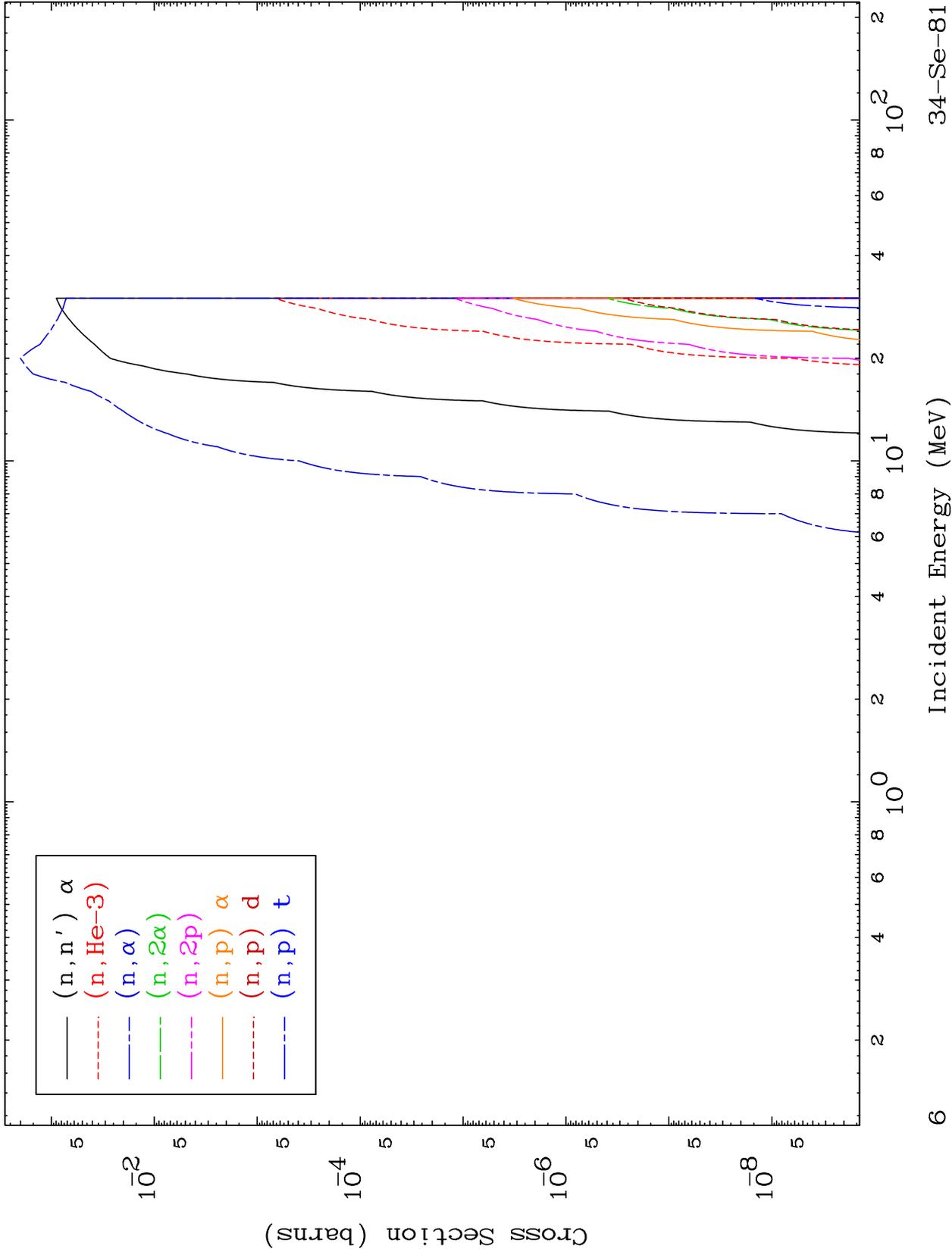
34-Se-81



5

Incident Energy (MeV)

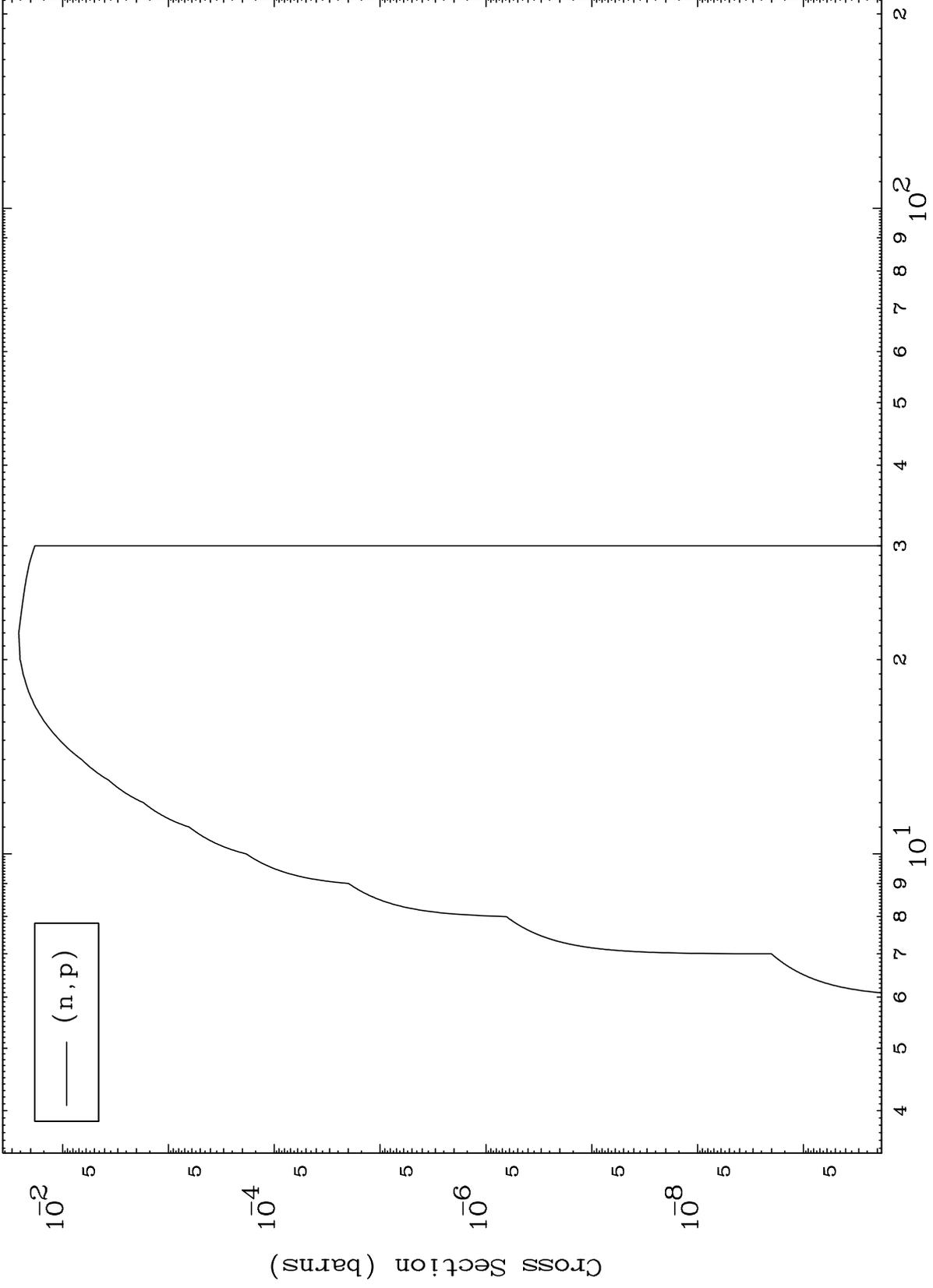
34-Se-81



MAT 3446

³⁴Se-81

(α, p) Levels
0 Kelvin Cross Sections



³⁴Se-81

Incident Energy (MeV)

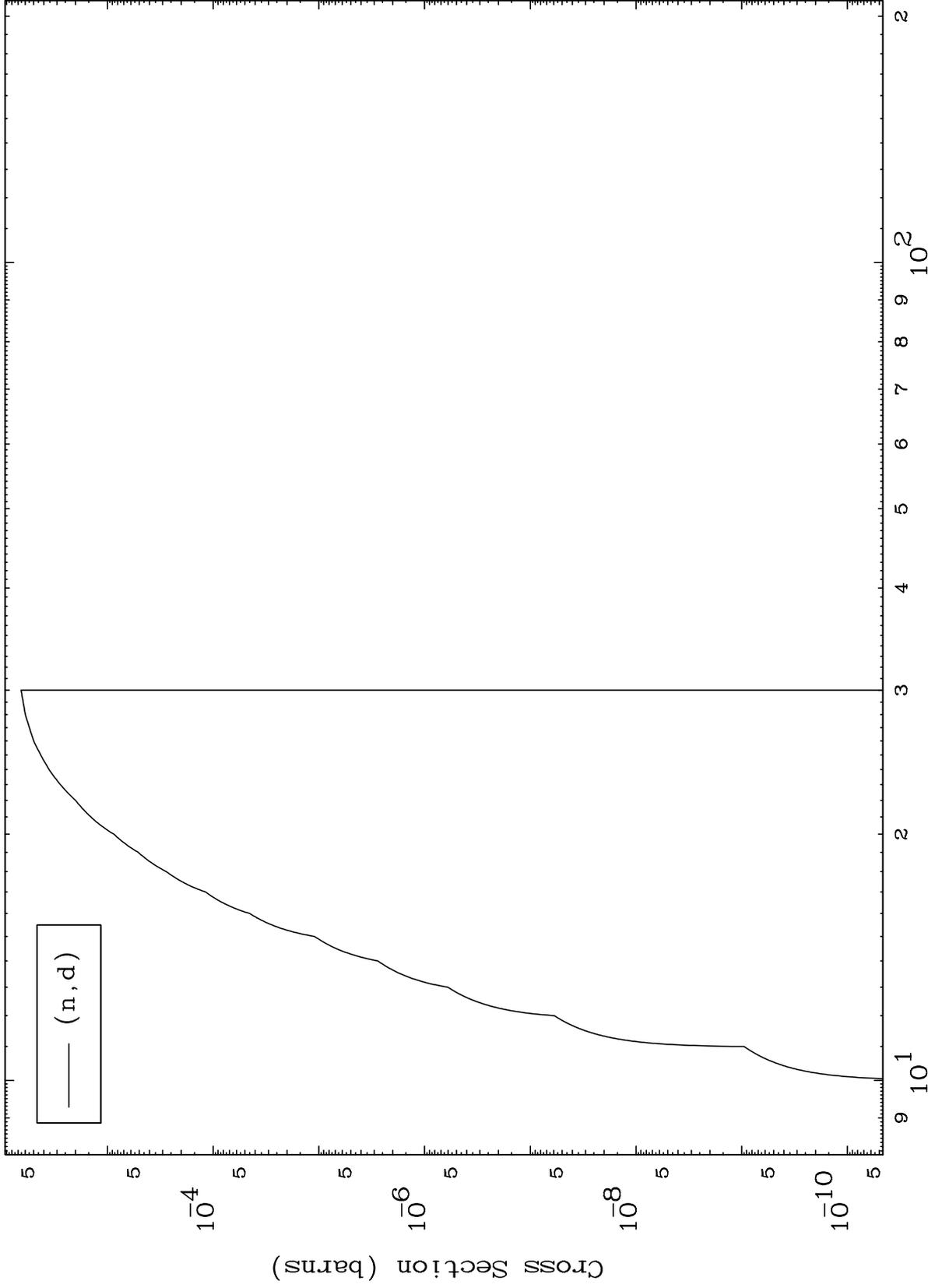
7

MAT 3446

(α, d) Levels

$^{34}\text{Se-81}$

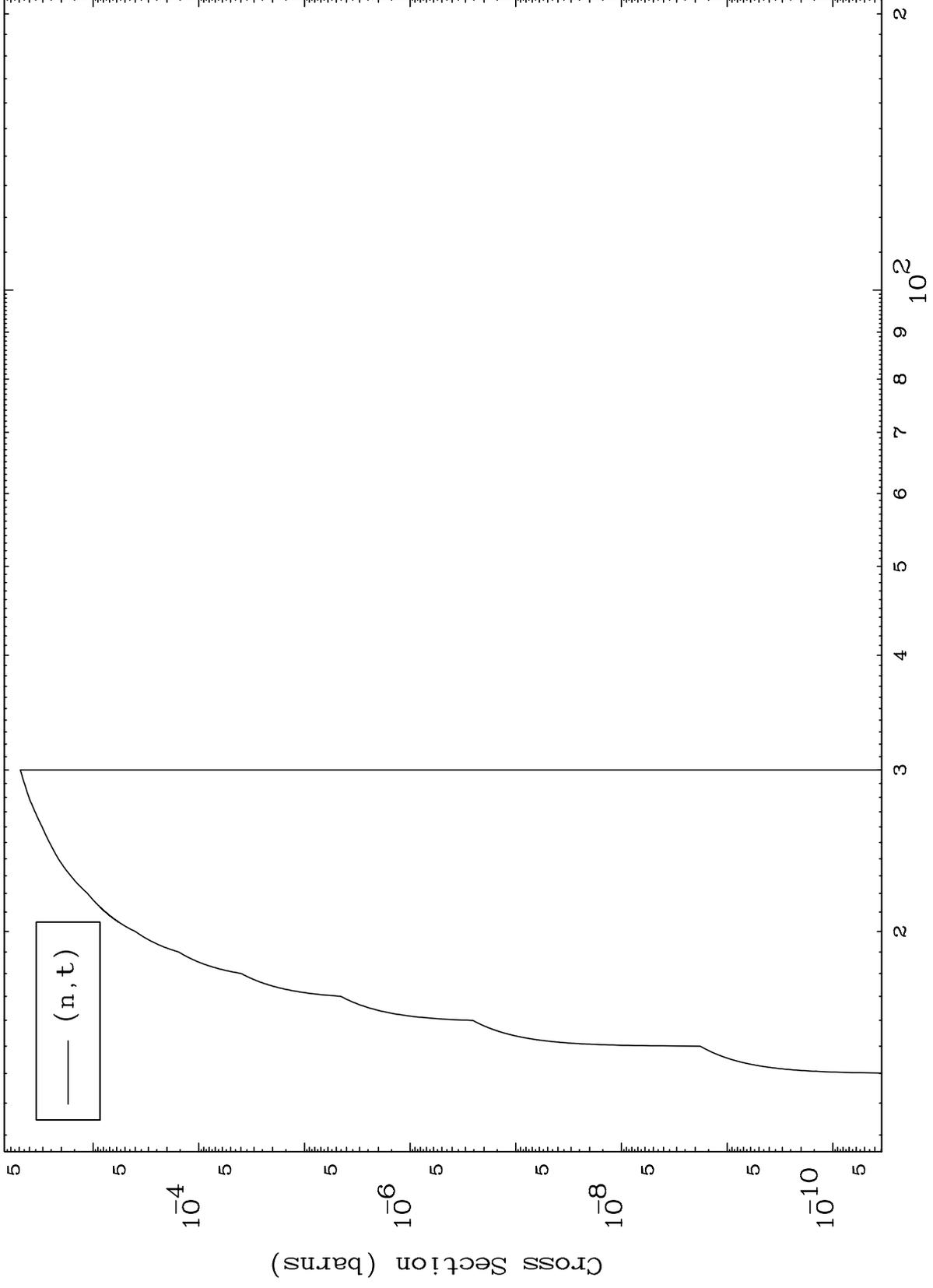
0 Kelvin Cross Sections



Incident Energy (MeV)

$^{34}\text{Se-81}$

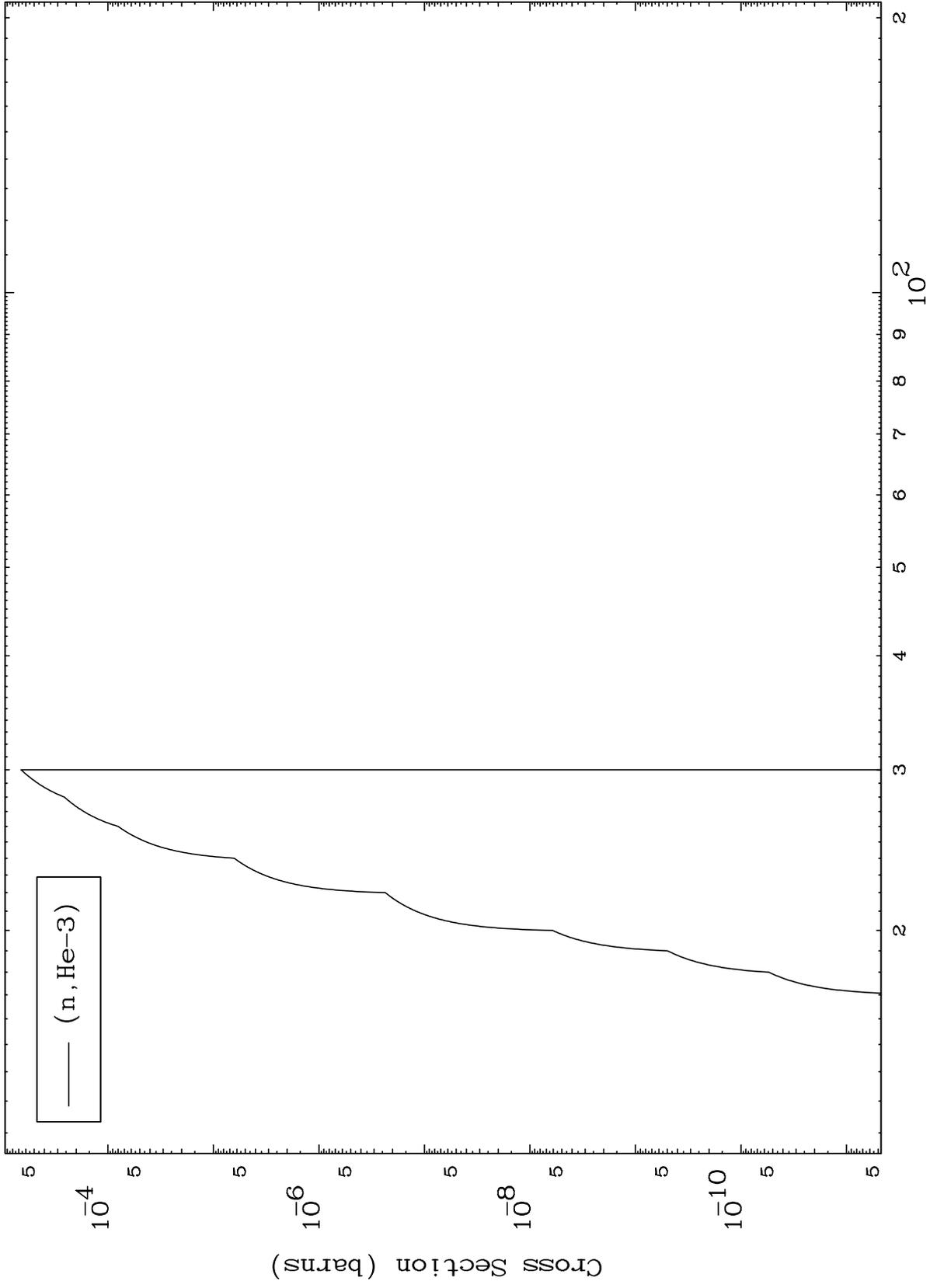
(n, d)



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34-Se-81

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



34-Se-81

Incident Energy (MeV)

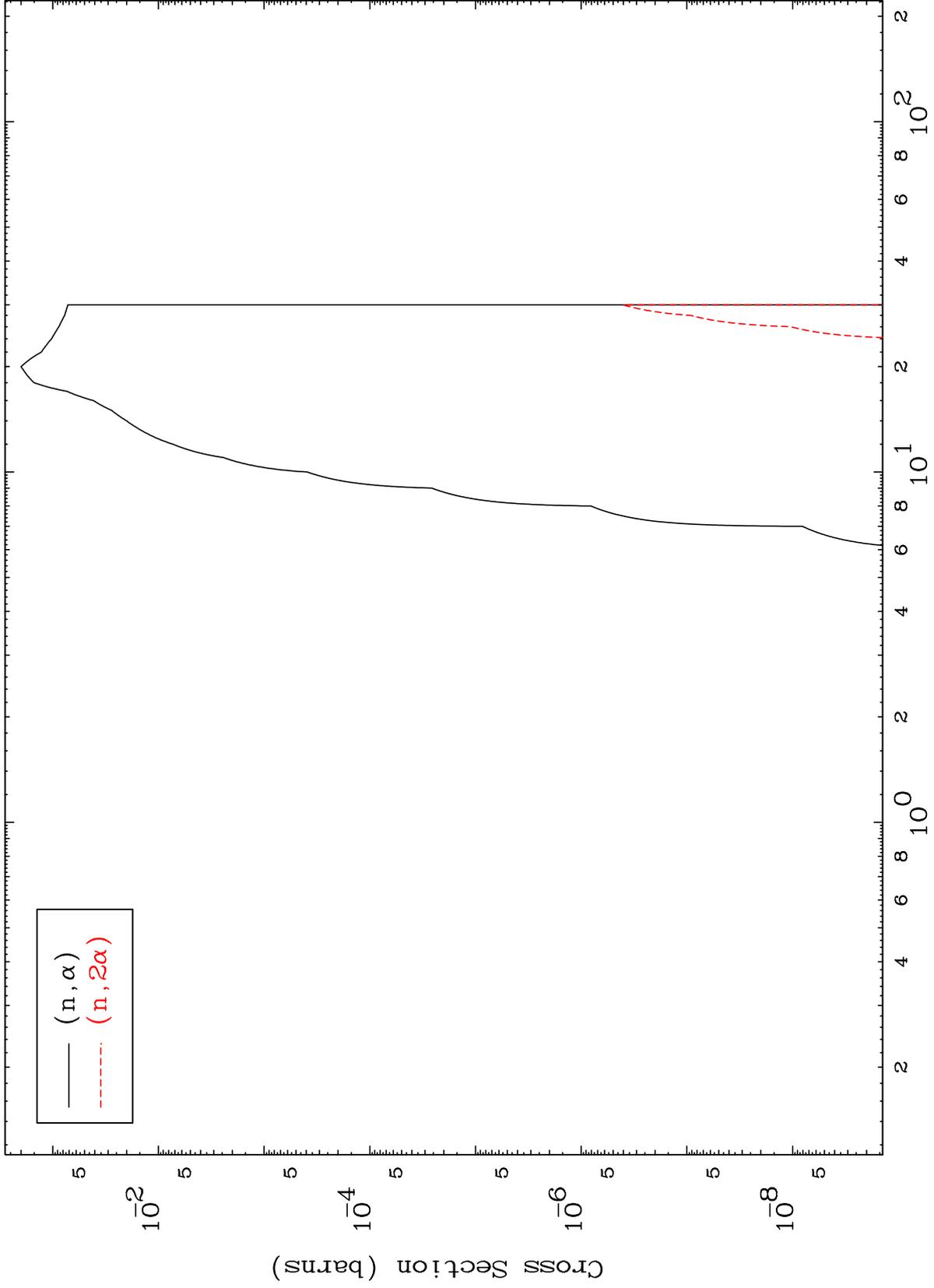
10

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(α, α) Levels

$^{34}\text{Se-81}$

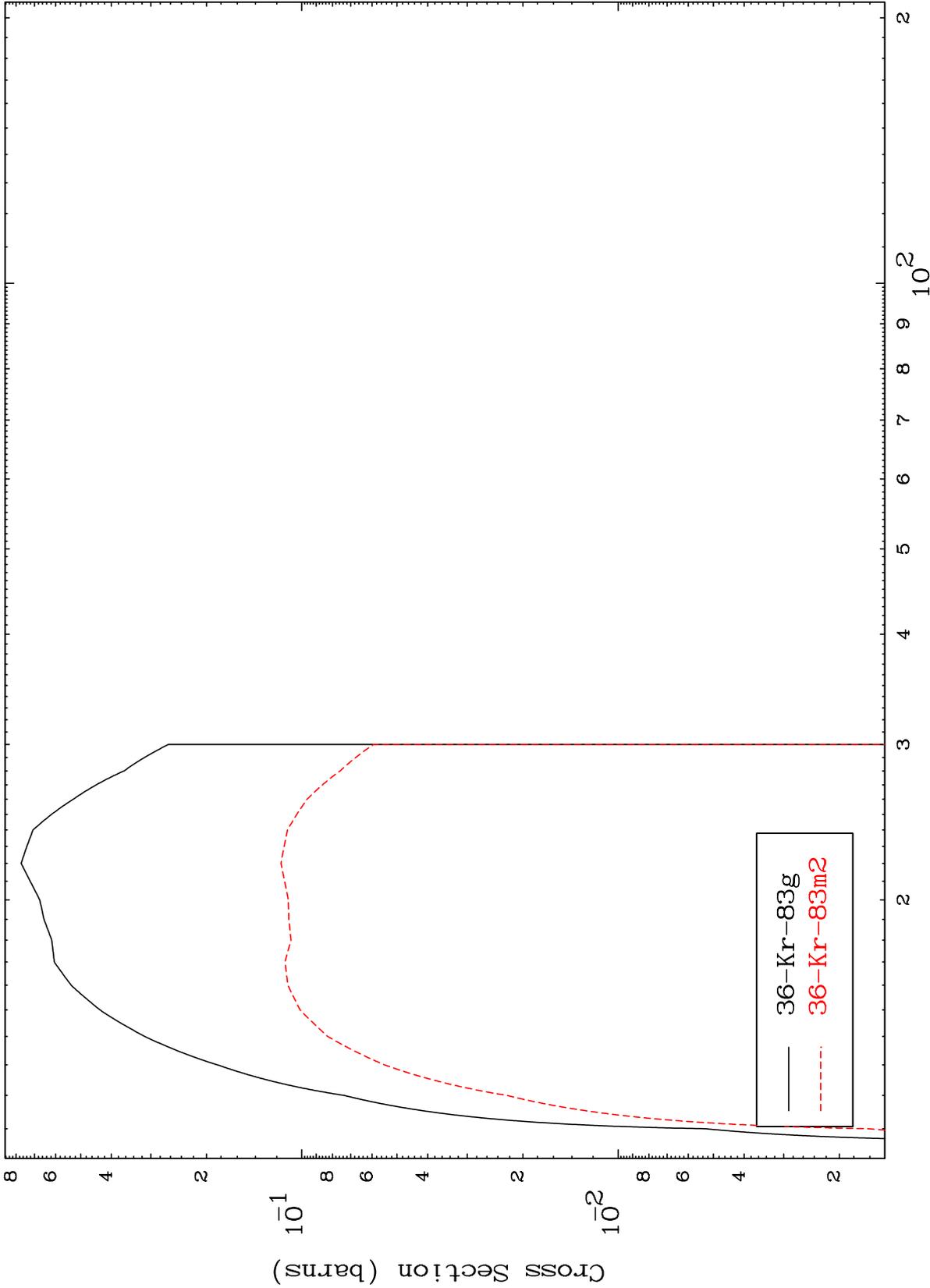
0 Kelvin Cross Sections



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34-Se-81

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

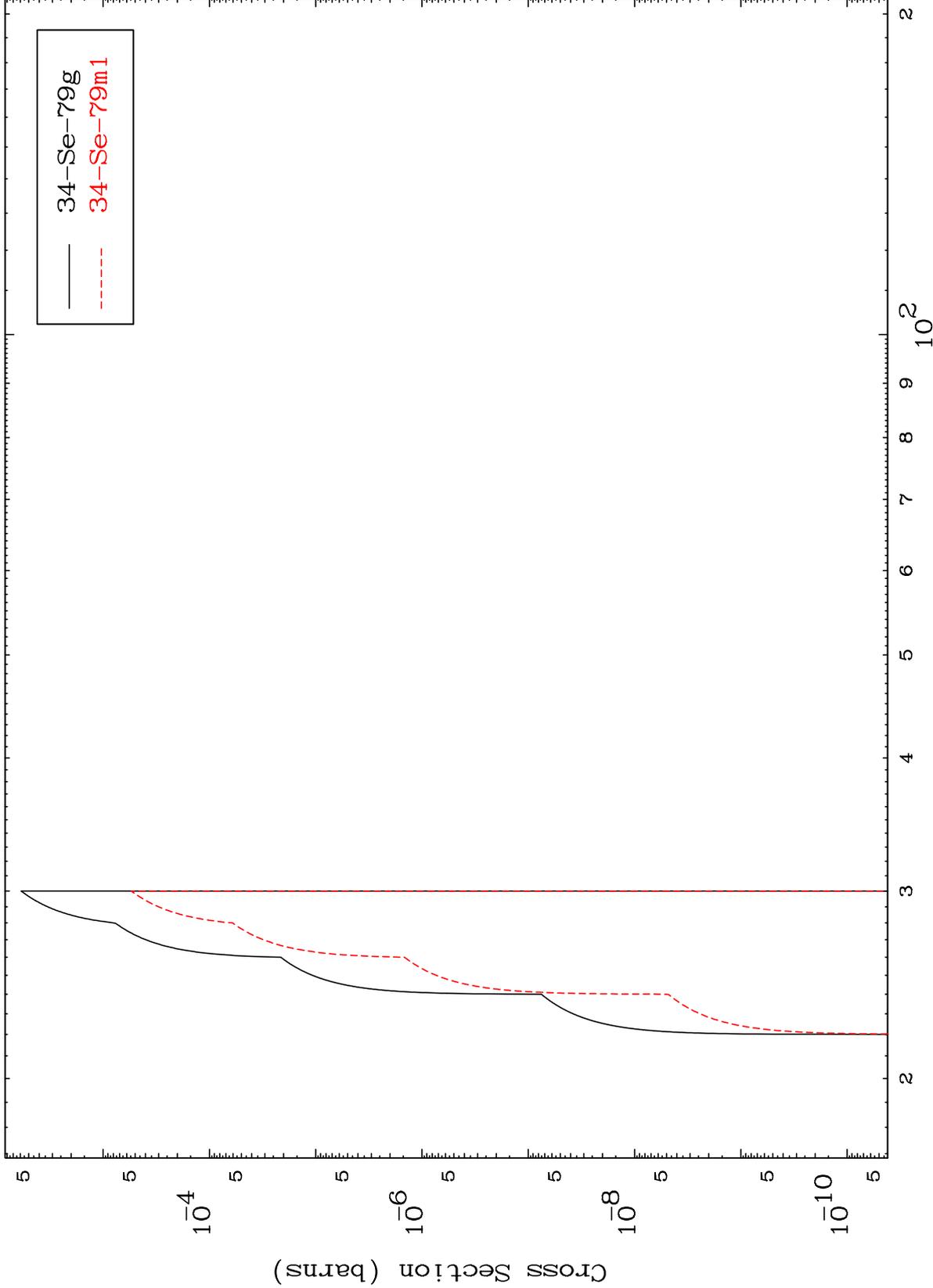
34-Se-81

MAT 3446

$(n,2n) \alpha$

$^{34}\text{Se-81}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

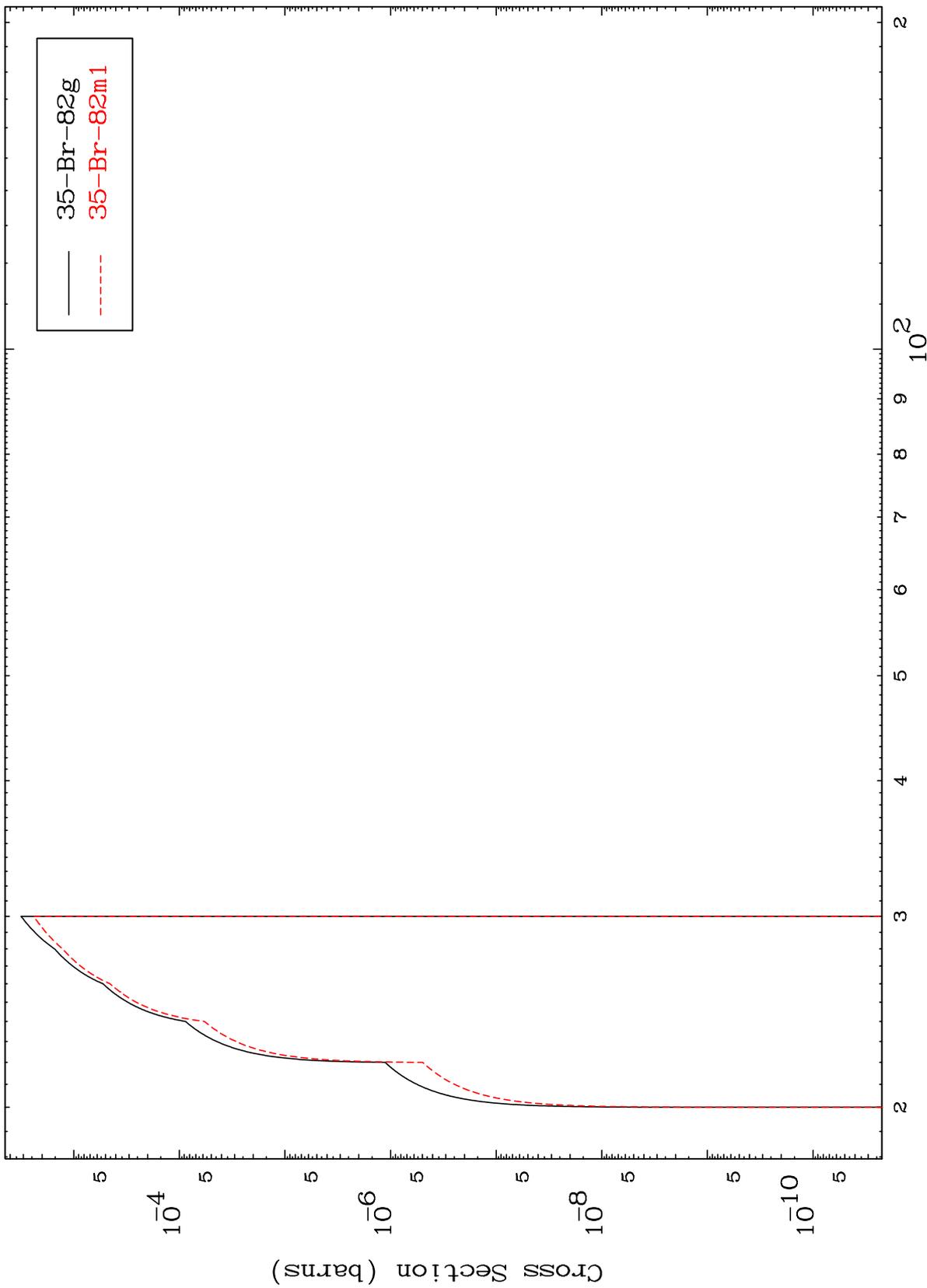
$^{34}\text{Se-81}$

MAT 3446

(n,n') d

34-Se-81

Radionuclide Production Cross Section



14

Incident Energy (MeV)

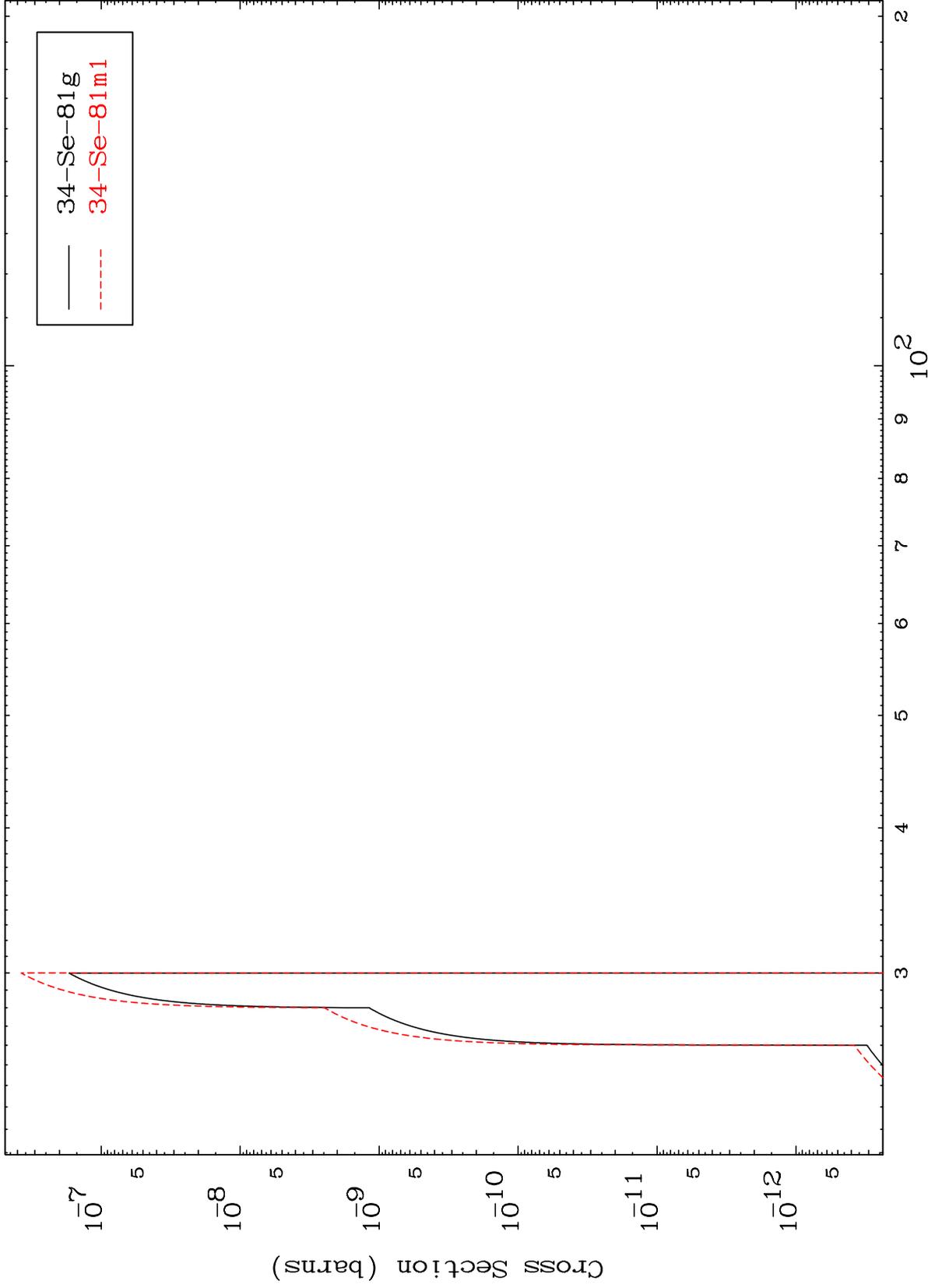
34-Se-81

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(n,n') He-3

³⁴Se-81

Radionuclide Production Cross Section



15

Incident Energy (MeV)

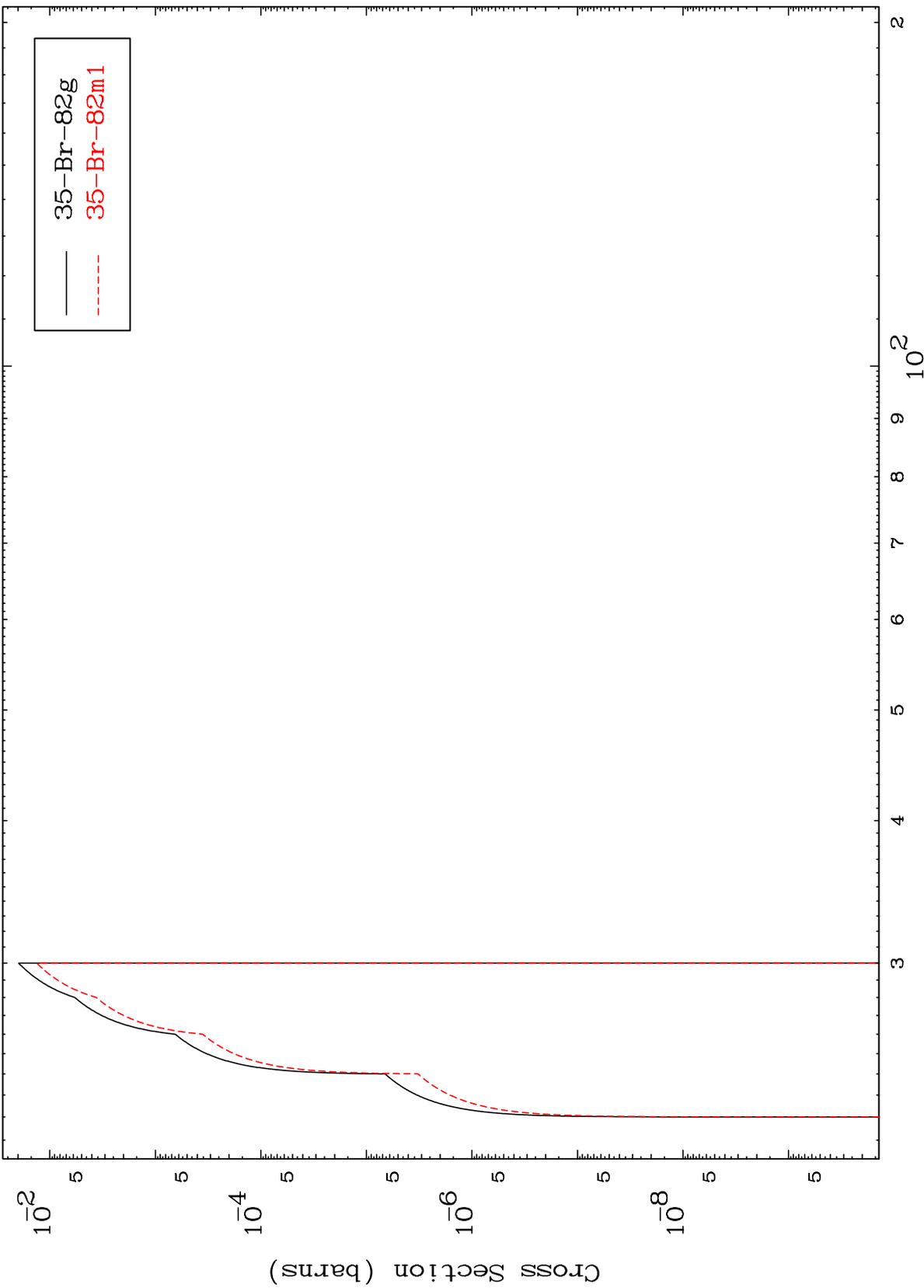
³⁴Se-81

MAT 3446

(n,2n) p

³⁴Se-81

Radionuclide Production Cross Section



— 35-Br-82g
- - - 35-Br-82m1

16

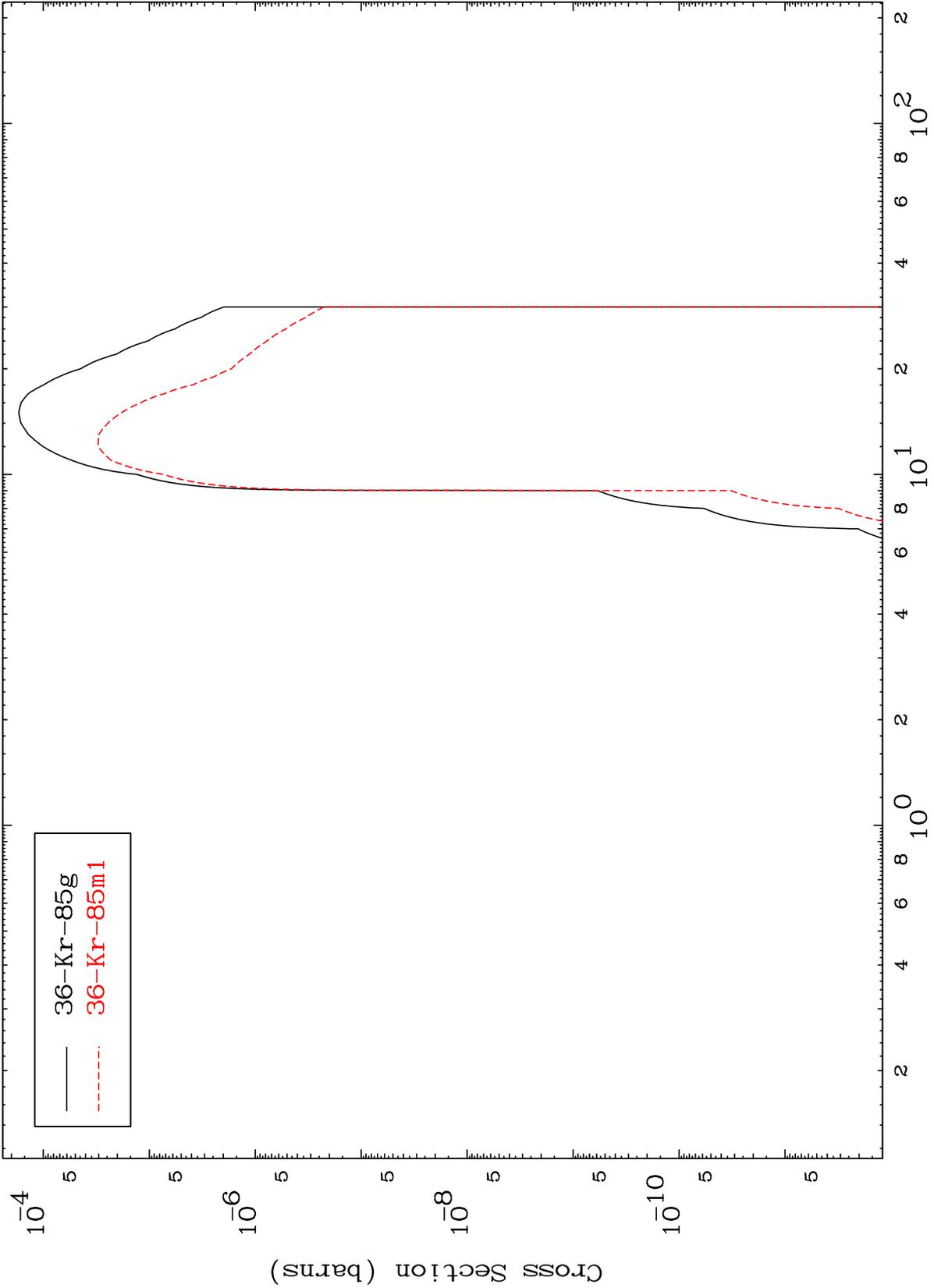
Incident Energy (MeV)

³⁴Se-81

MAT 3446

³⁴Se-81

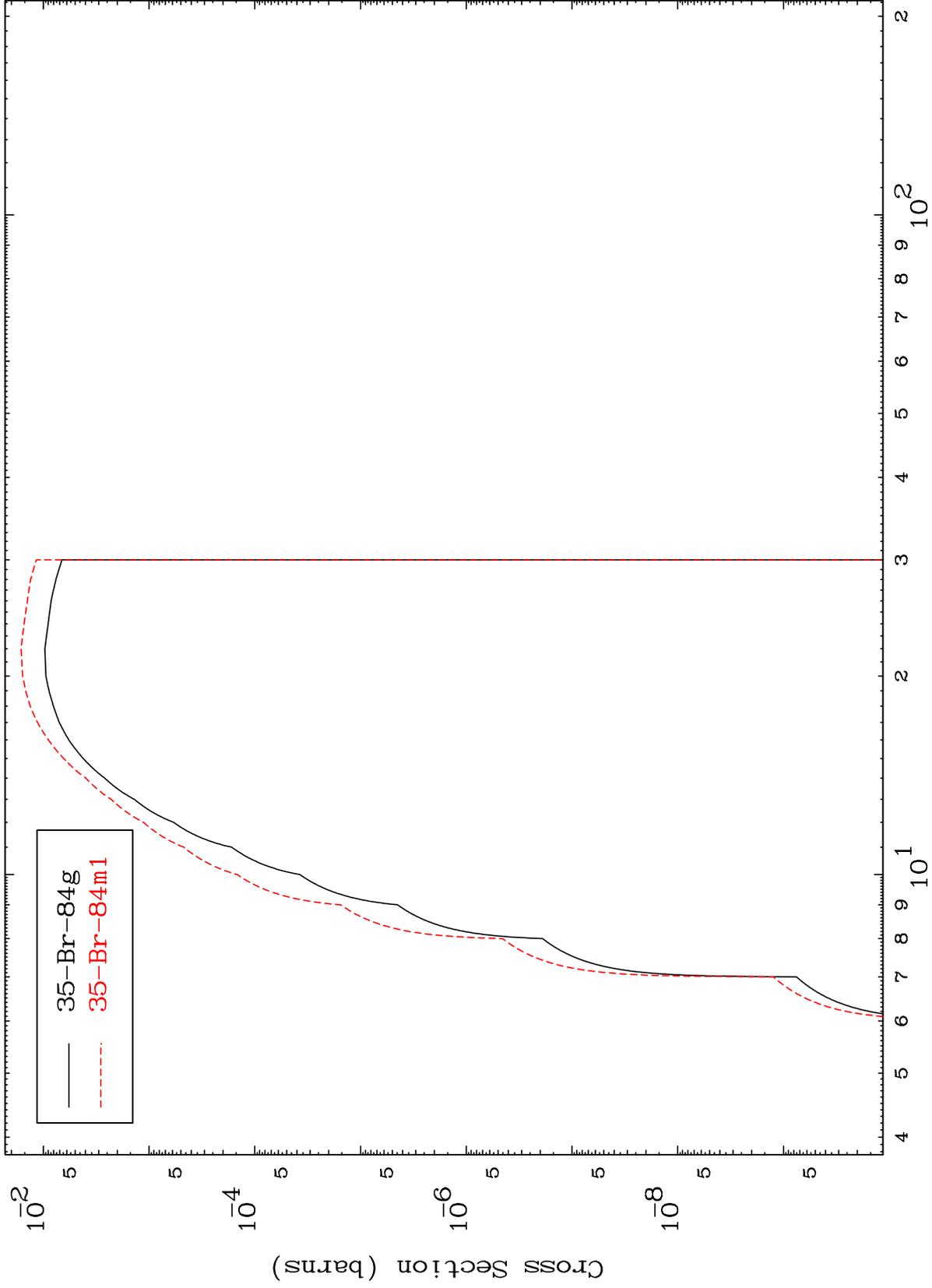
Radionuclide Production Cross Section



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³⁴Se-81

(n,p)
Radionuclide Production Cross Section

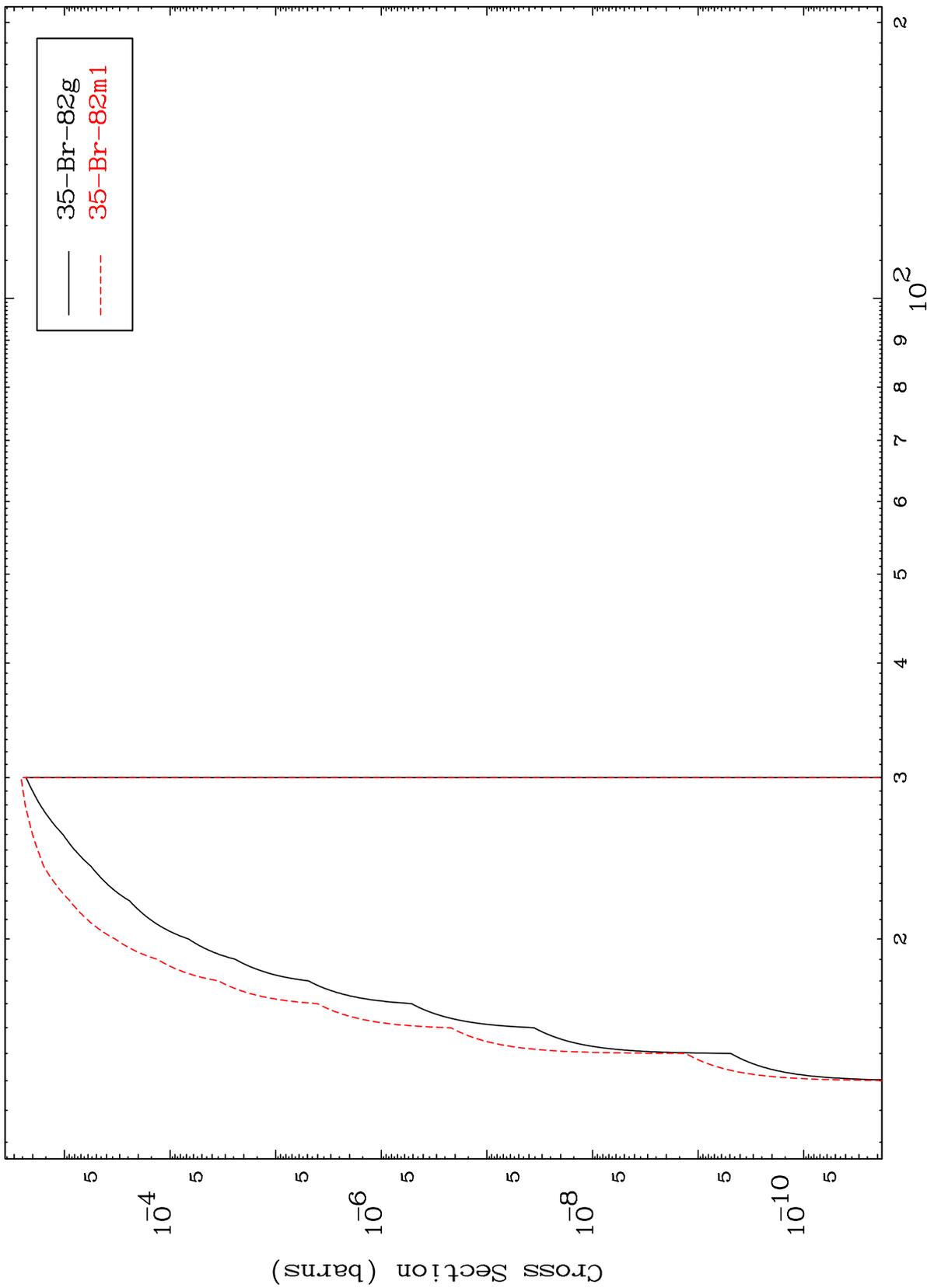


18

Incident Energy (MeV)

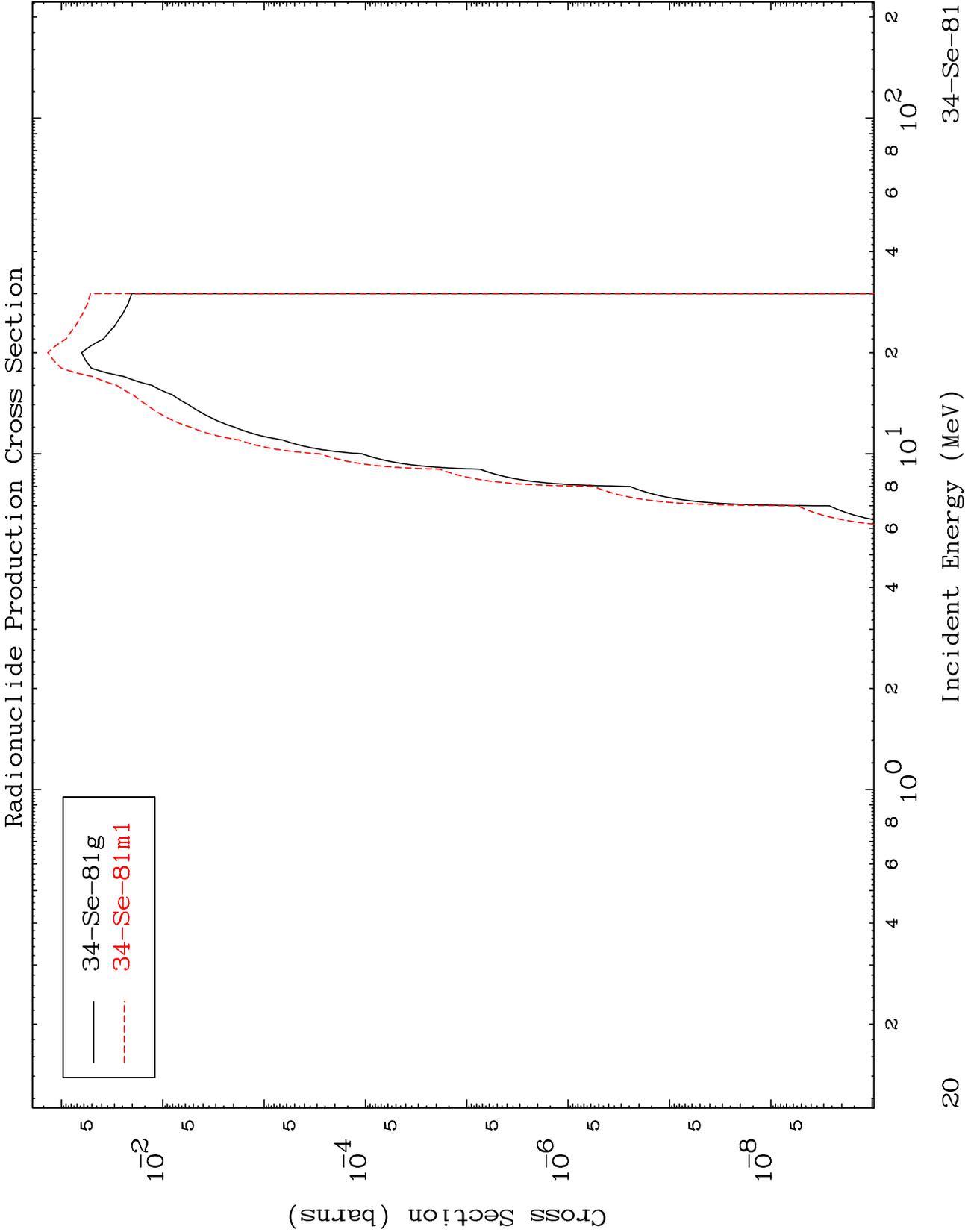
³⁴Se-81

(n,t)
Radionuclide Production Cross Section



MAT 3446

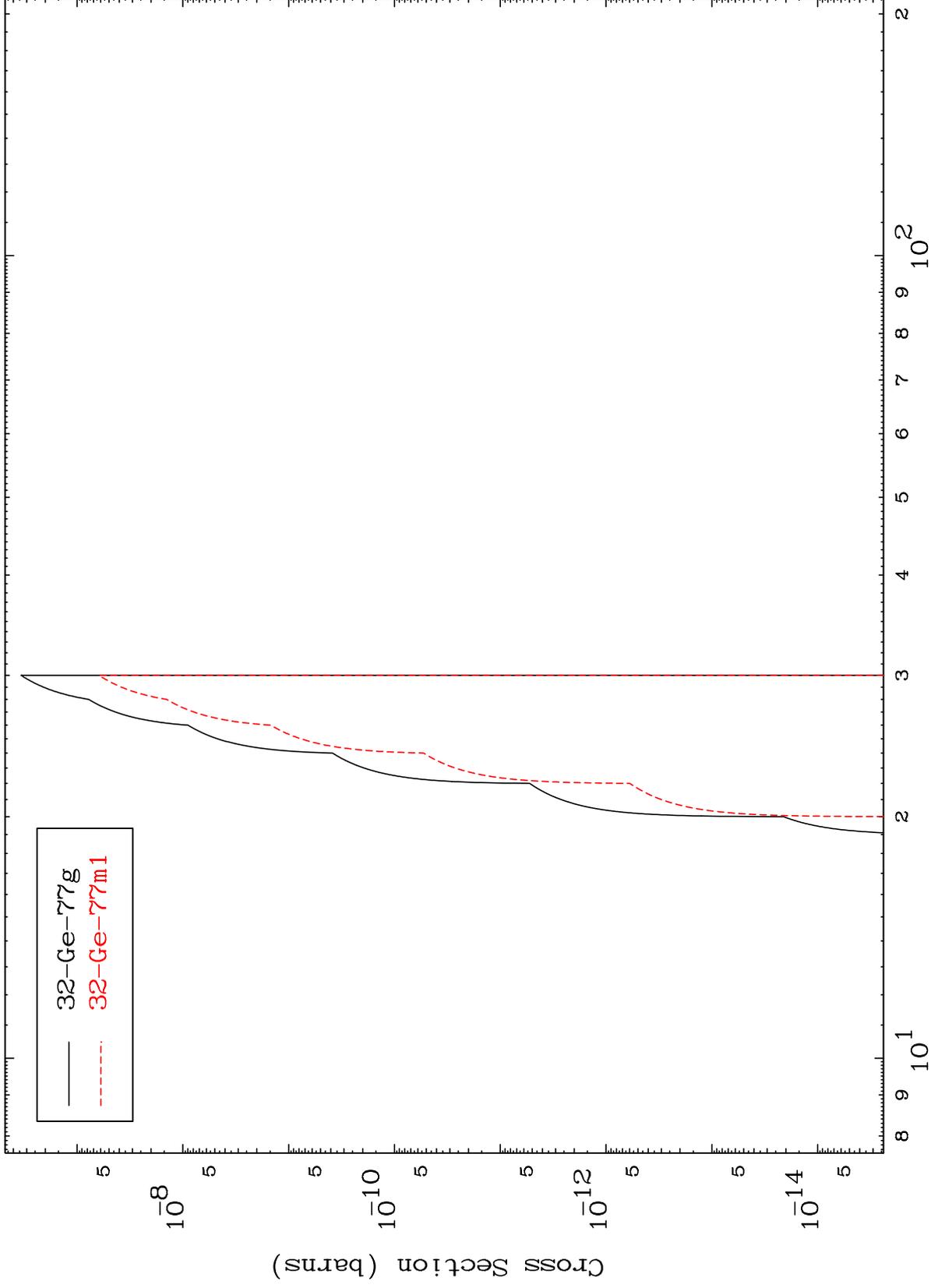
³⁴Se-81



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³⁴Se-81

Radionuclide Production Cross Section
(n,2α)



21

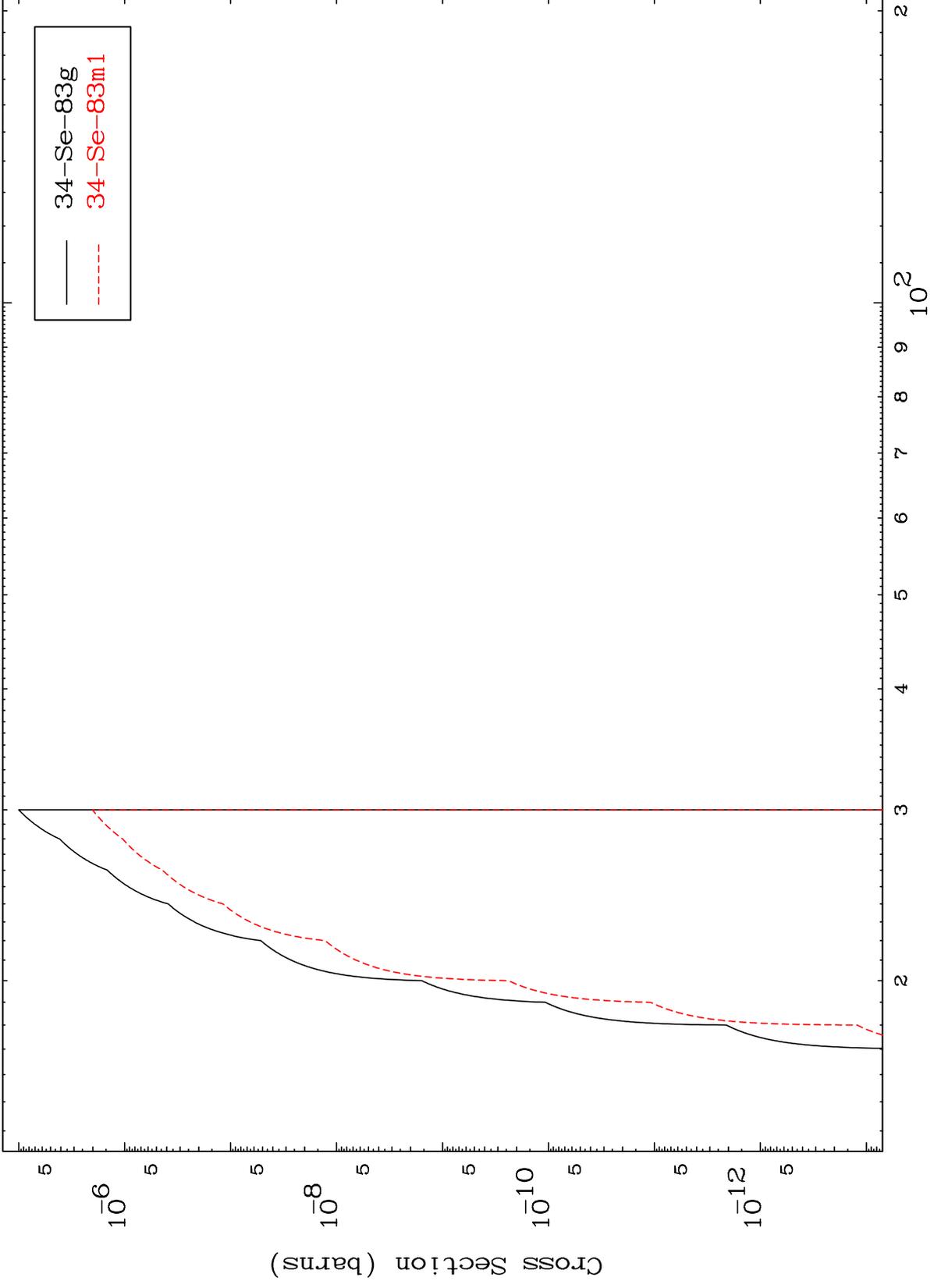
Incident Energy (MeV)

³⁴Se-81

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³⁴Se-81

(n,2p)
Radionuclide Production Cross Section



22

³⁴Se-81

Incident Energy (MeV)

