

Program EVALPLOT
(Version 2018-1)

by

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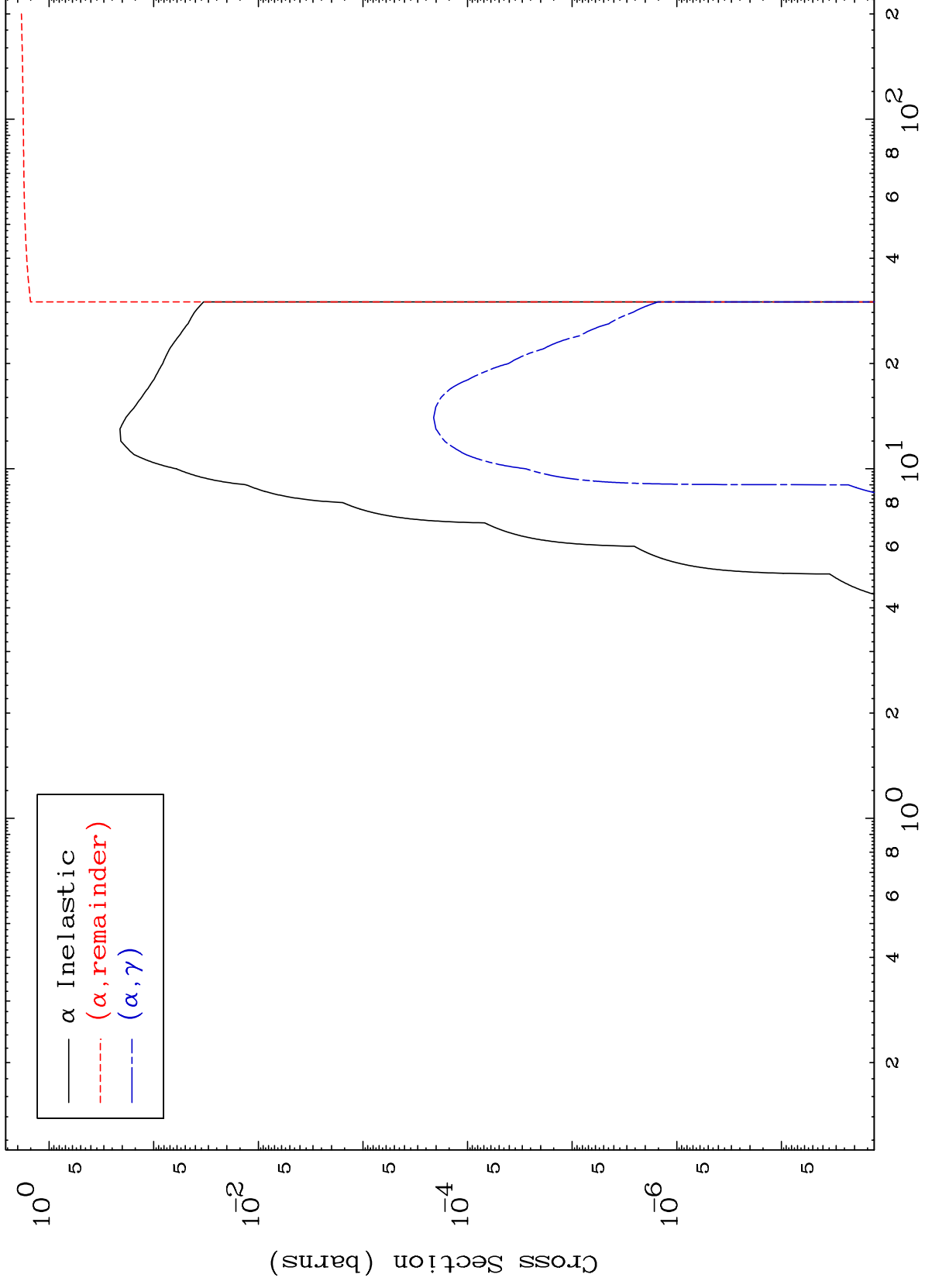
Press Mouse Button to Start

MAT 3447

α Major

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

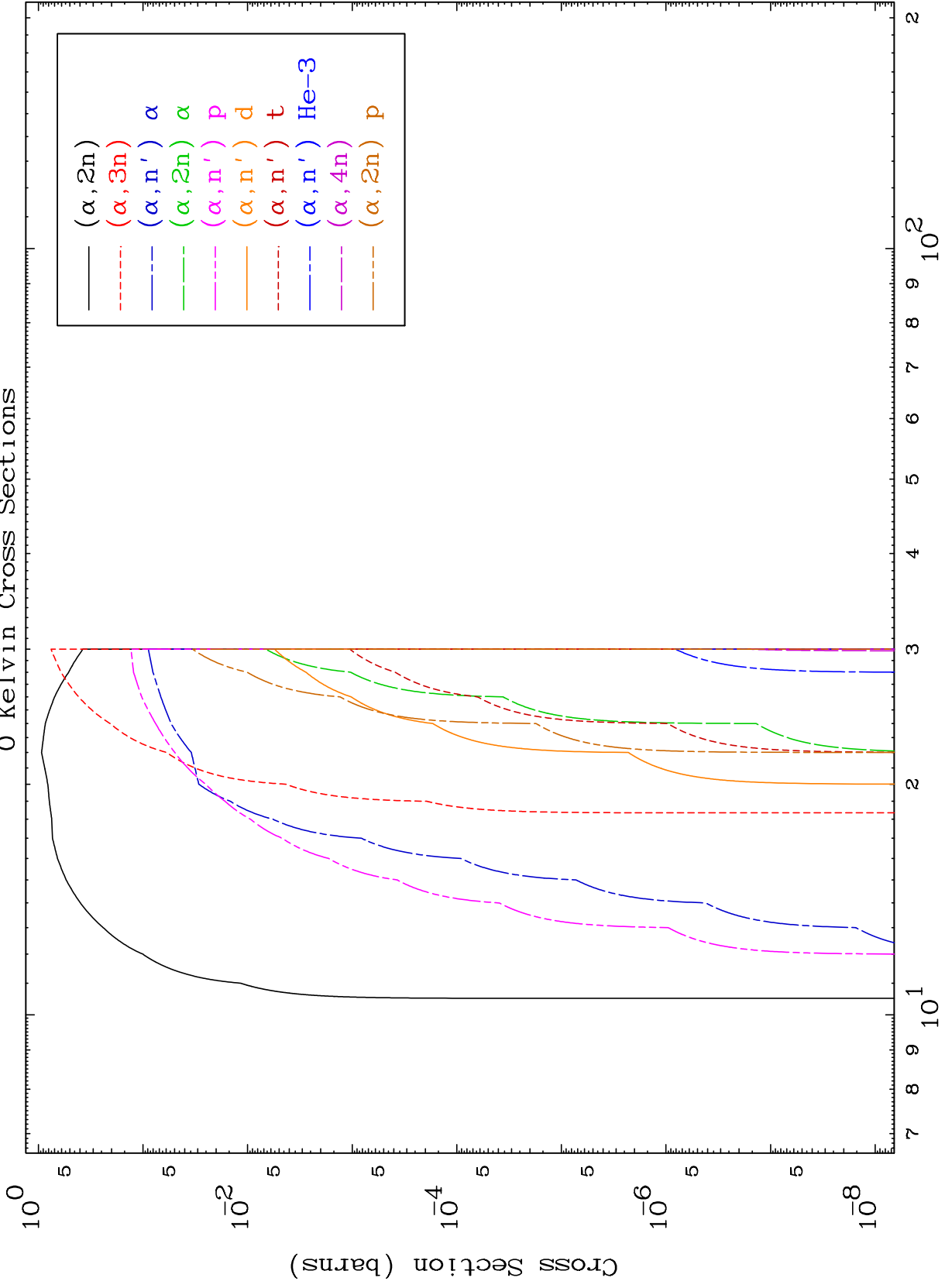
0 Kelvin Cross Sections



MAT 3447

α Neutron Production
0 Kelvin Cross Sections

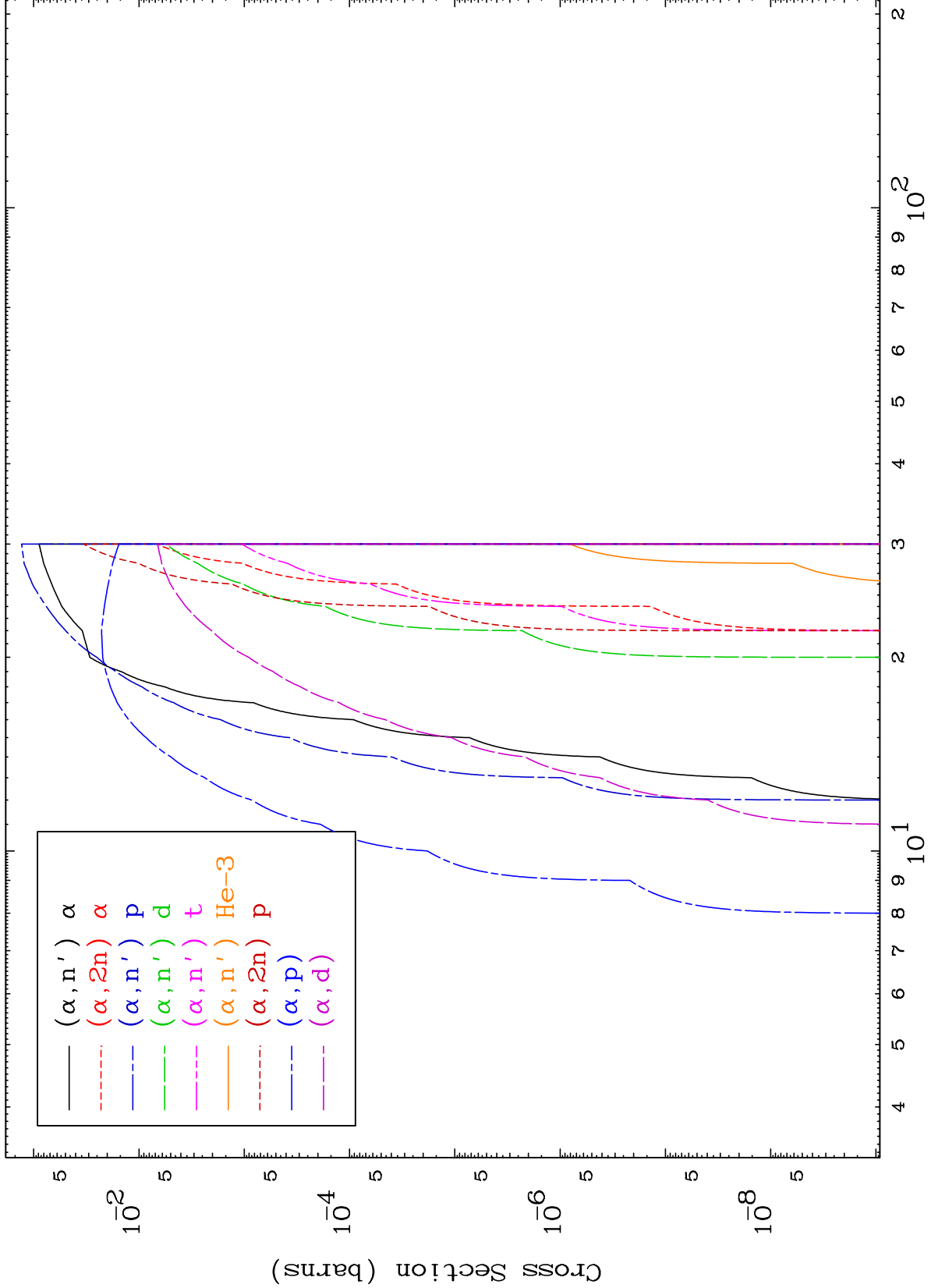
³⁴Se-81

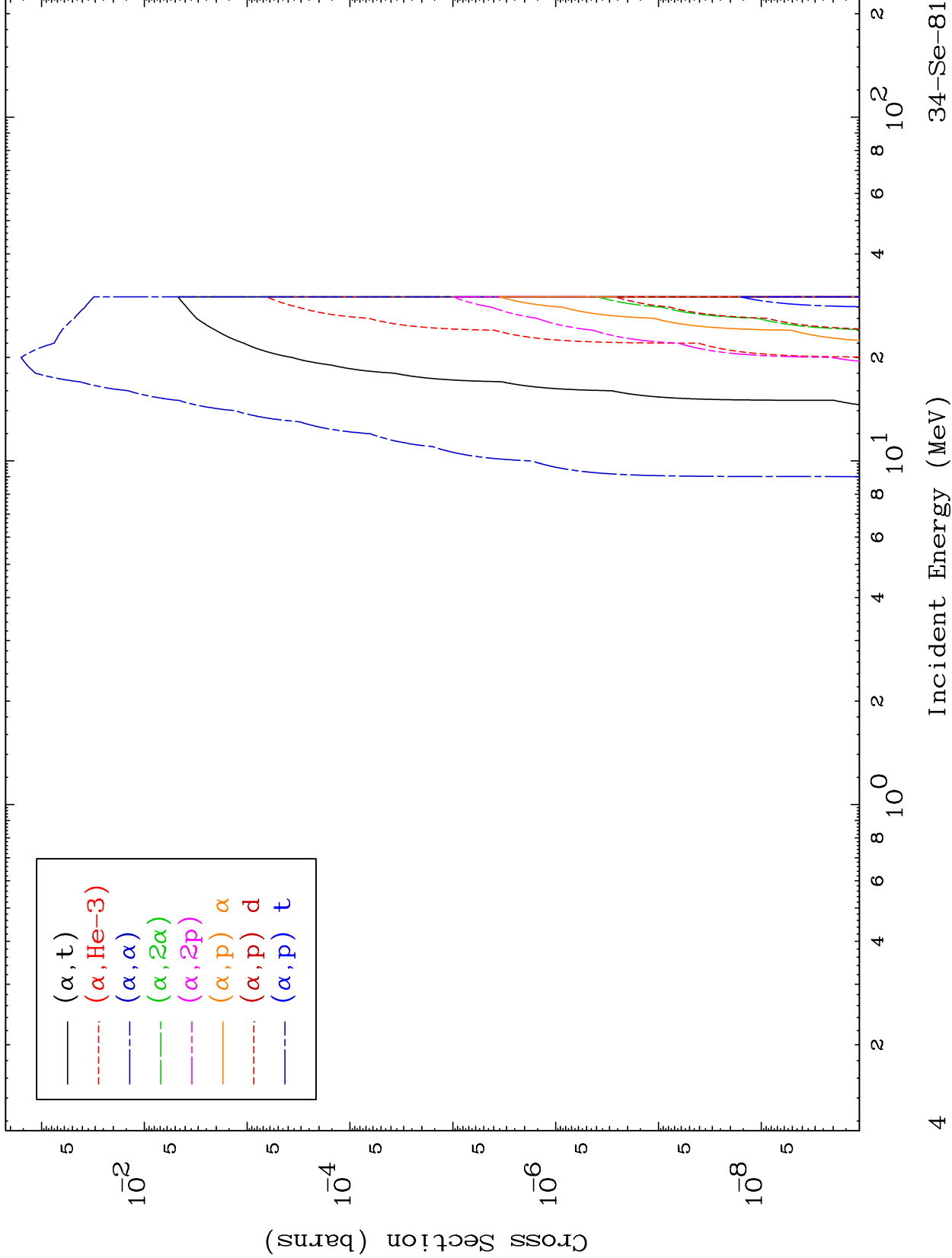


2

Incident Energy (MeV)

³⁴Se-81



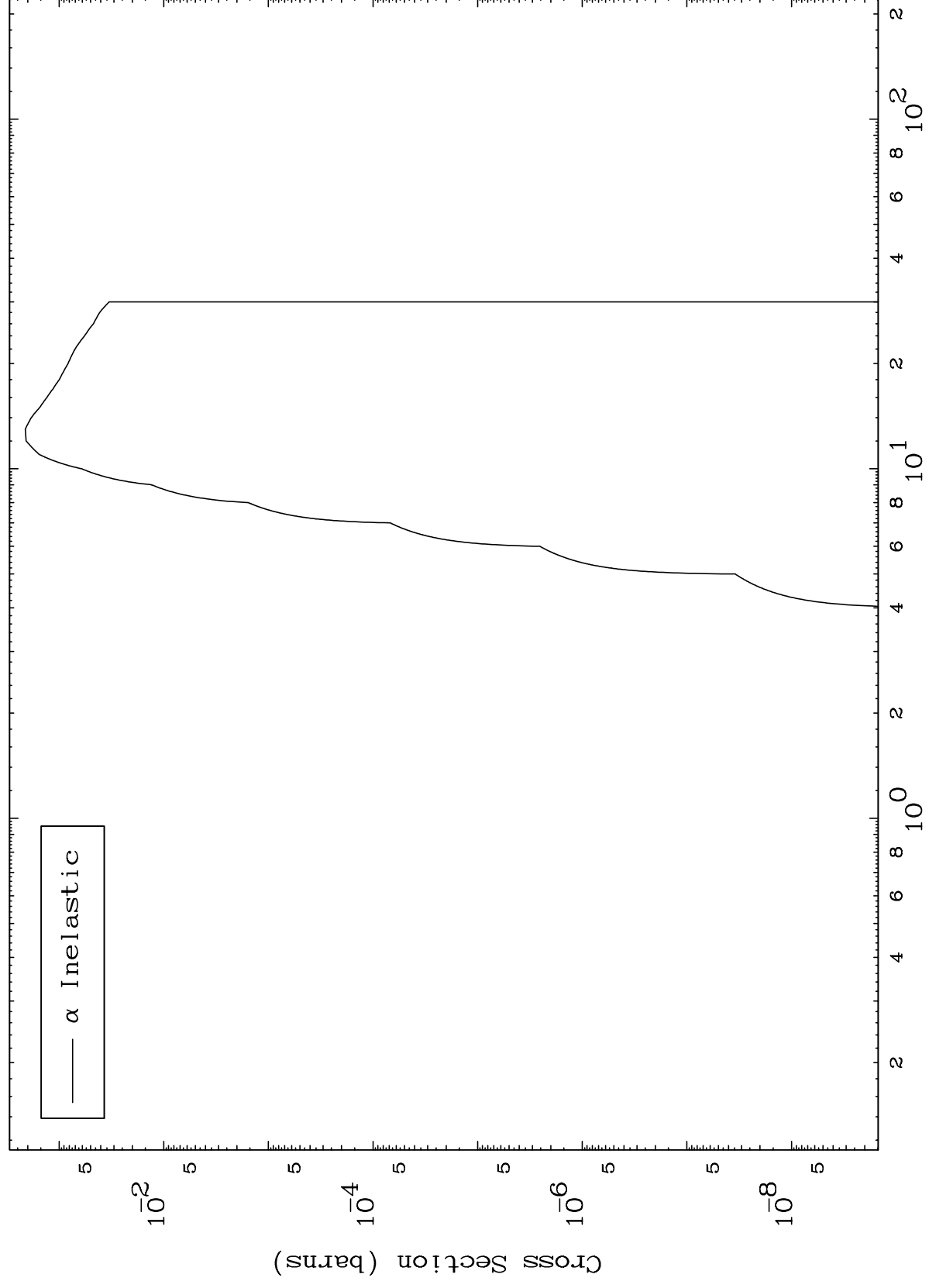


MAT 3447

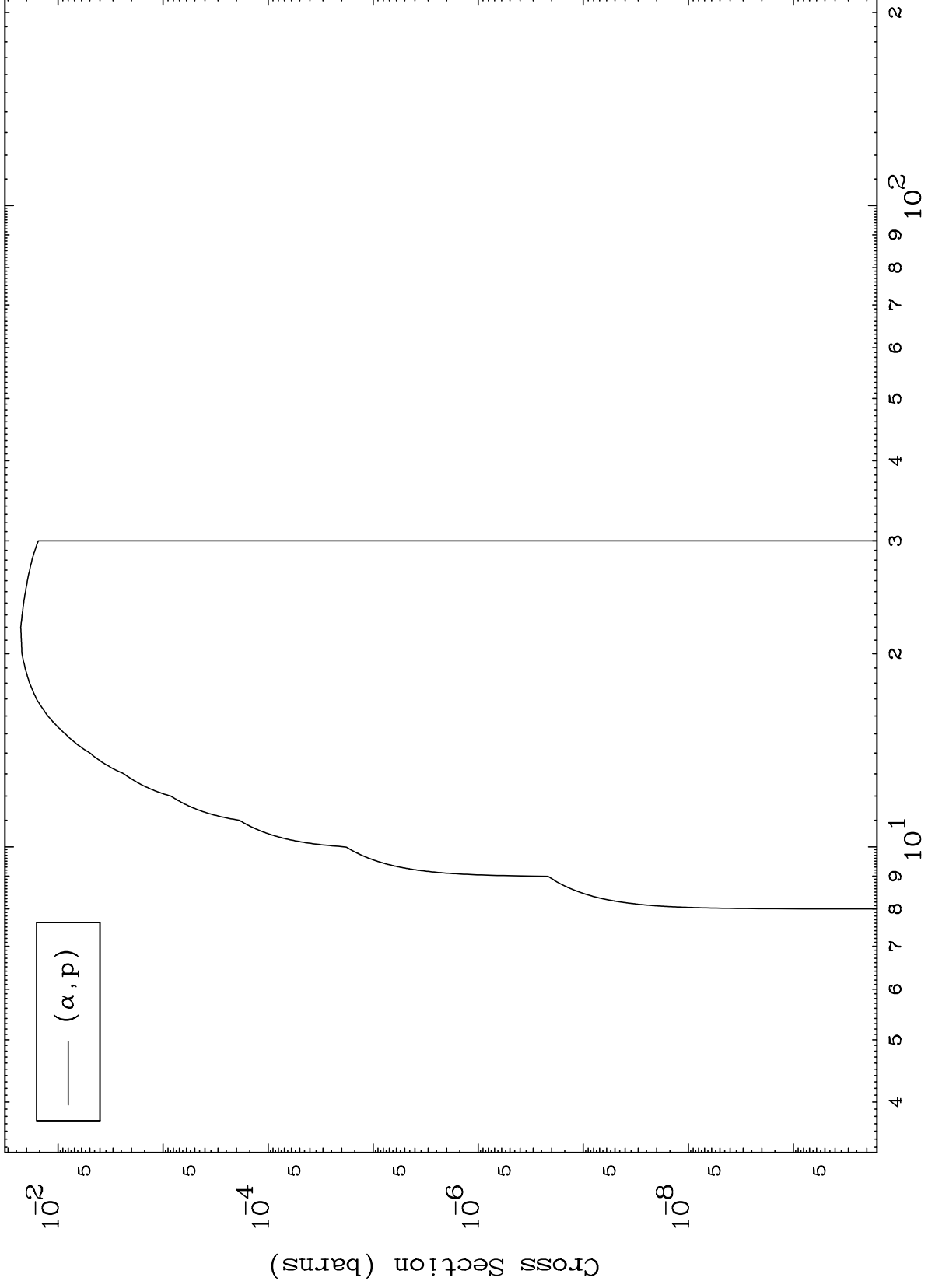
(α, n') Level

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

0 Kelvin Cross Sections



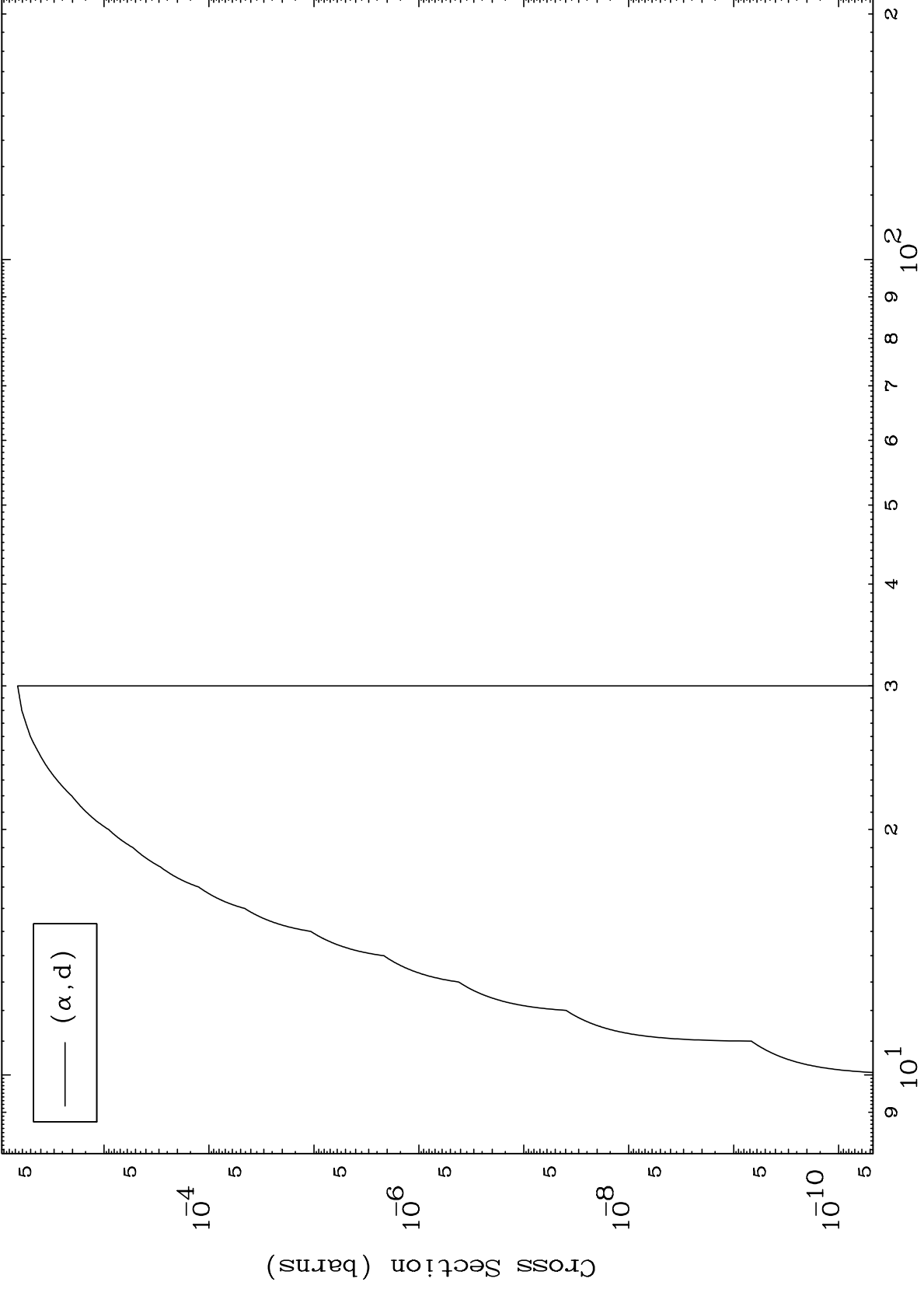
(α, p) Levels
0 Kelvin Cross Sections



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(α, d) Levels
0 Kelvin Cross Sections

³⁴Se-81



7

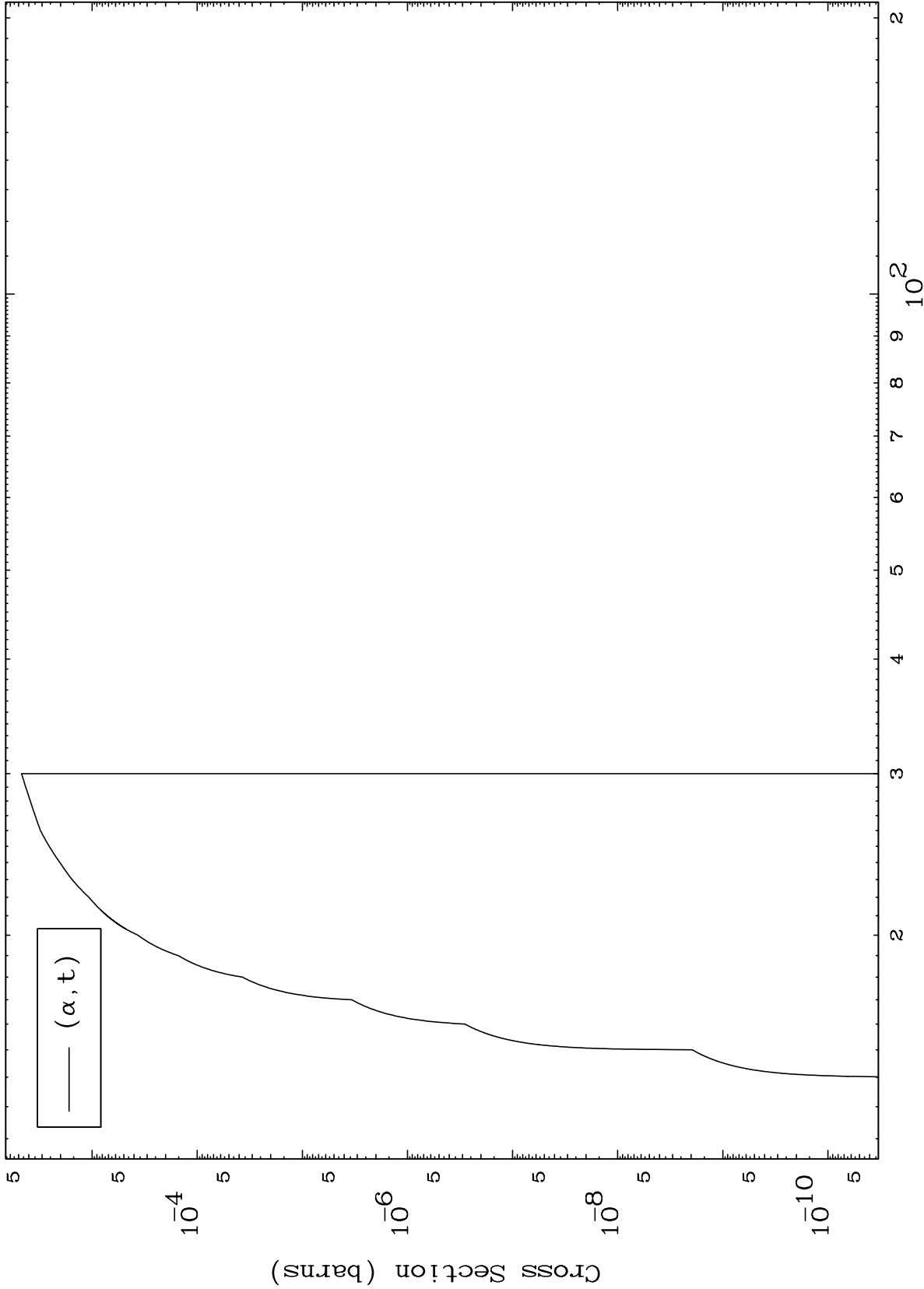
Incident Energy (MeV)

³⁴Se-81

MAT 3447

(α, t) Levels
0 Kelvin Cross Sections

³⁴Se-81

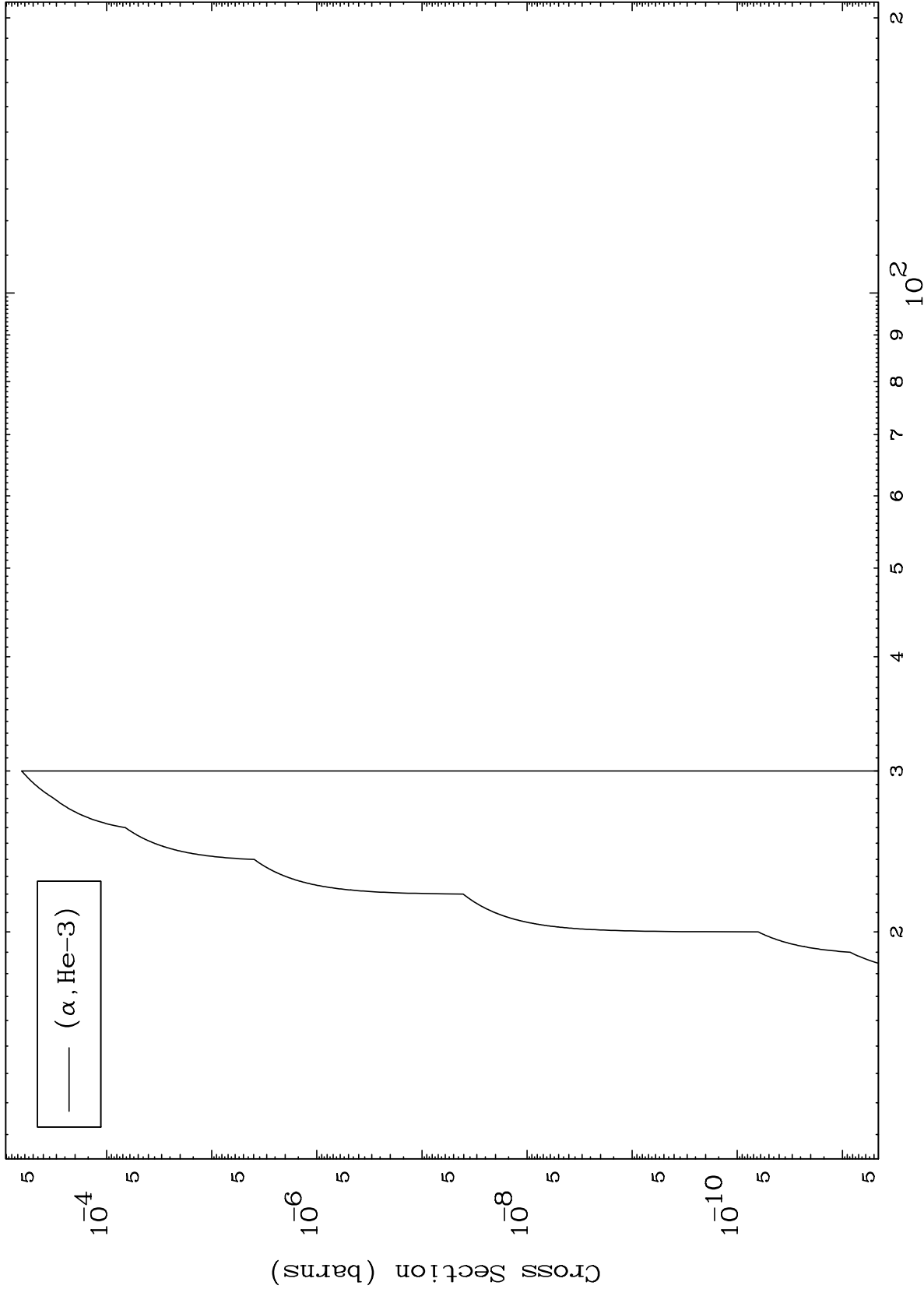


8

Incident Energy (MeV)

³⁴Se-81

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

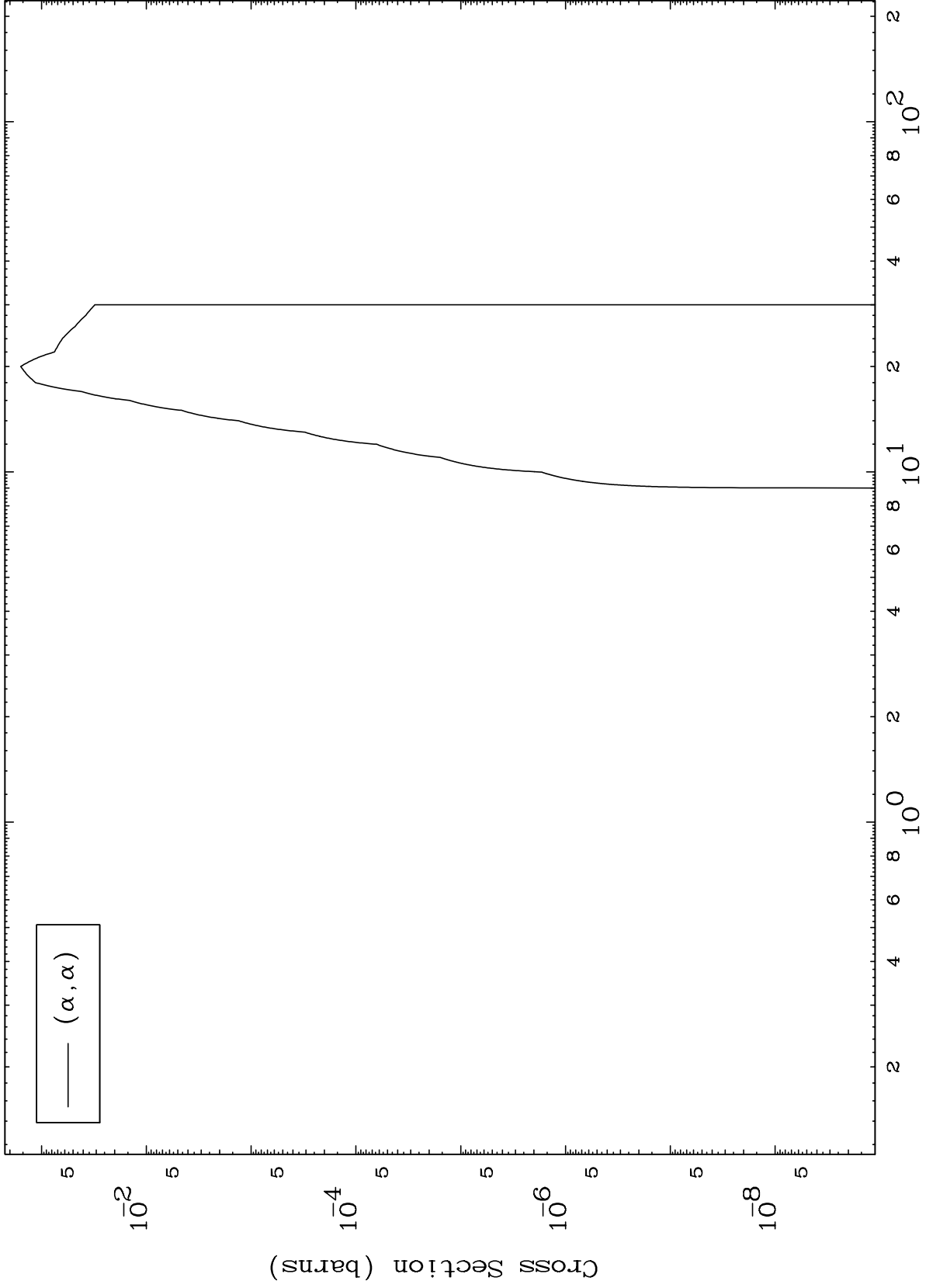


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(α, α) Levels

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

0 Kelvin Cross Sections

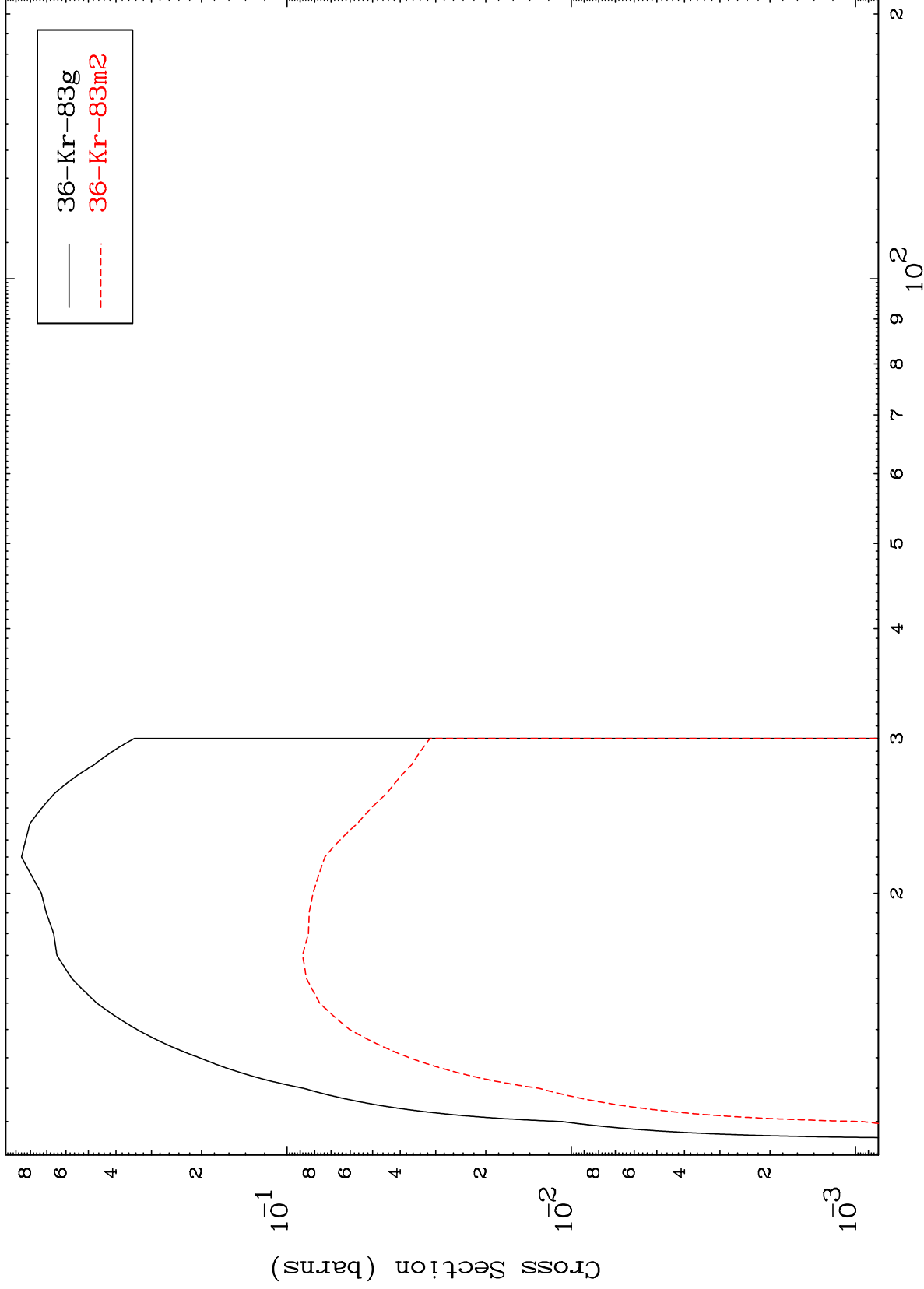


10

Incident Energy (MeV)

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

($\alpha, 2n$)
Radionuclide Production Cross Section

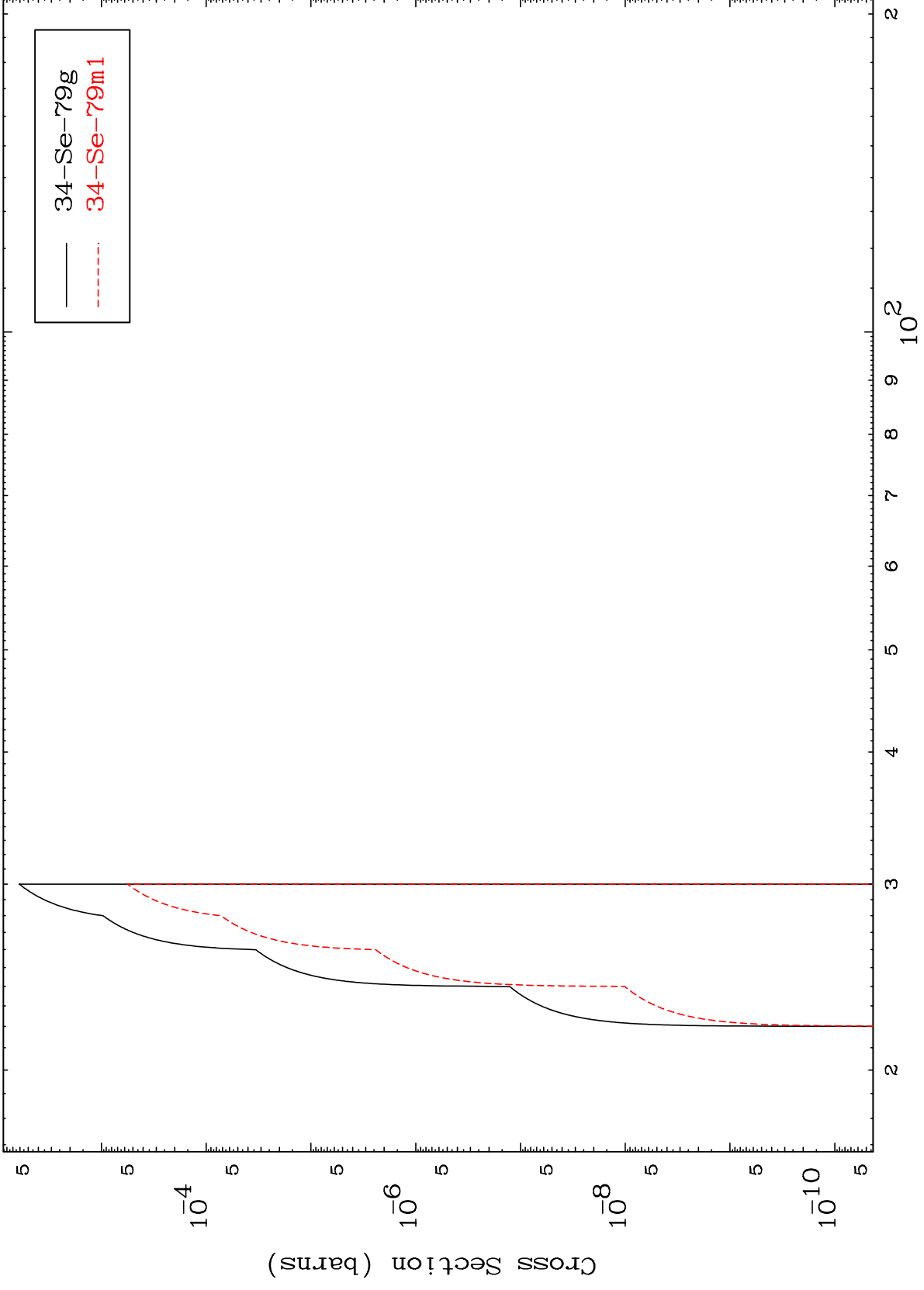


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$(\alpha, 2n)$ α

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

Radionuclide Production Cross Section



— $^{34}\text{Se-79g}$
- - - $^{34}\text{Se-79m1}$

12

Incident Energy (MeV)

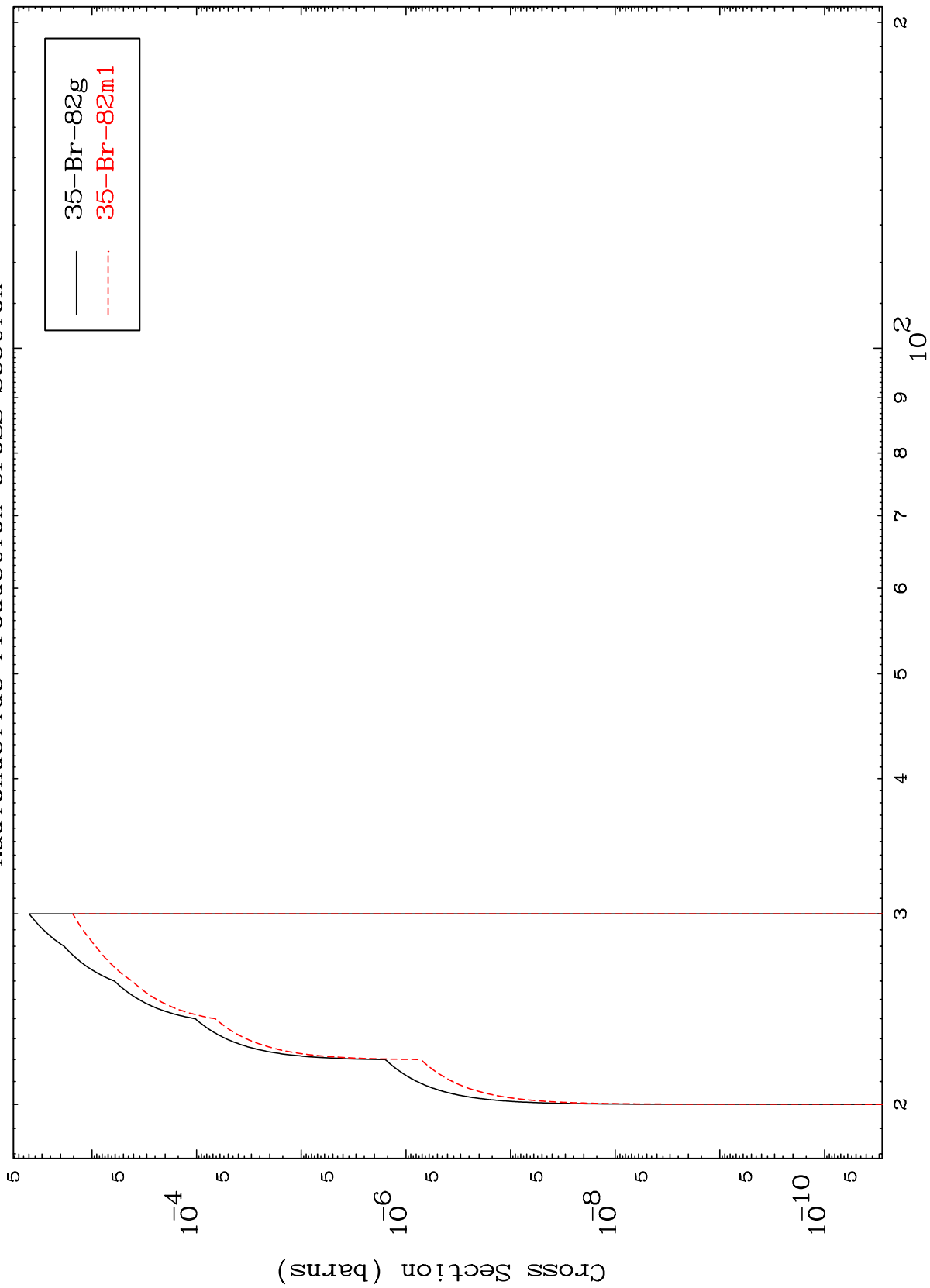
$^{34}\text{Se-81}$

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(α, n') d

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

Radionuclide Production Cross Section



13

Incident Energy (MeV)

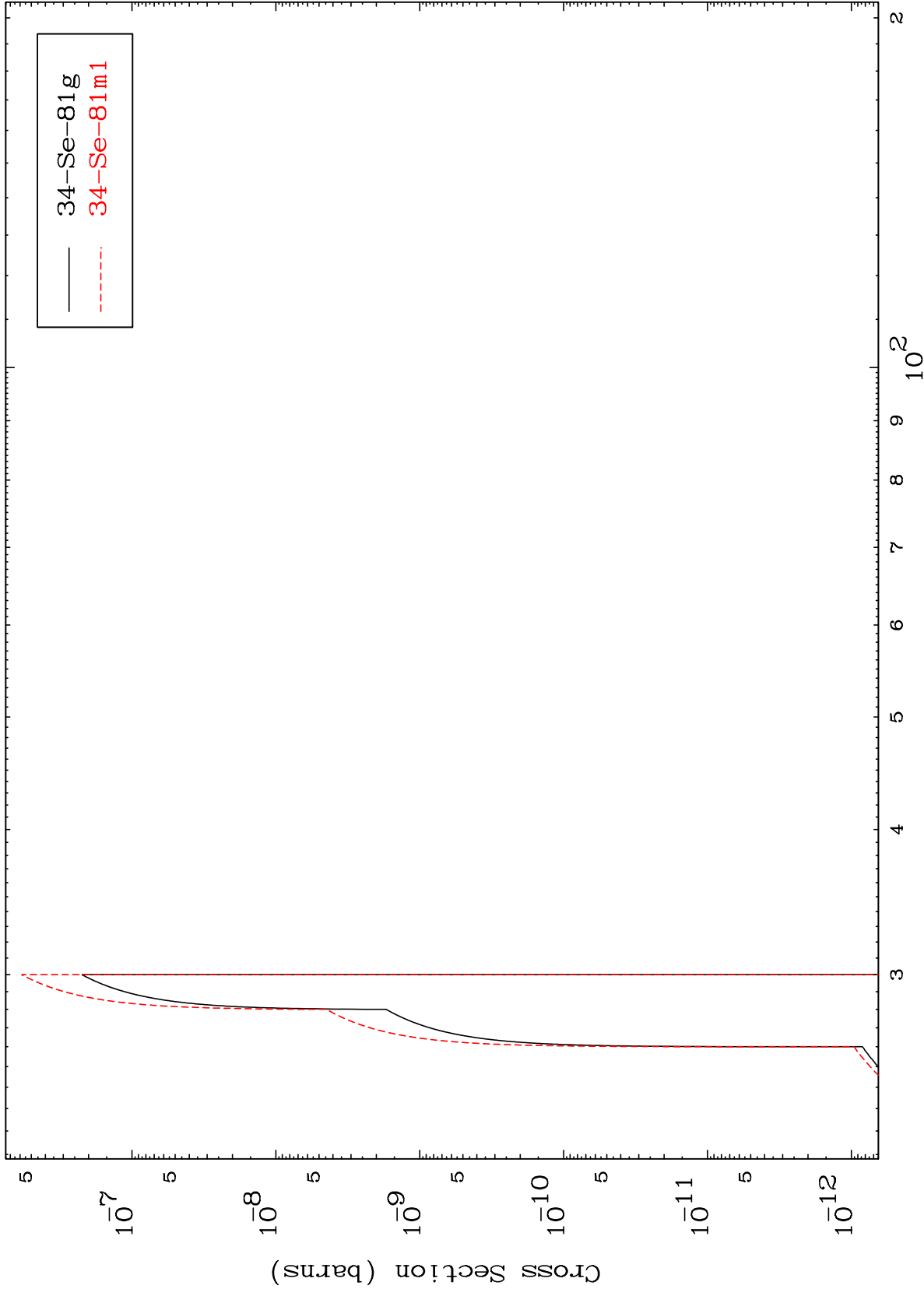
$^{34}\text{Se-81}$

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(α, n') He-3

³⁴Se-81

Radionuclide Production Cross Section



14

Incident Energy (MeV)

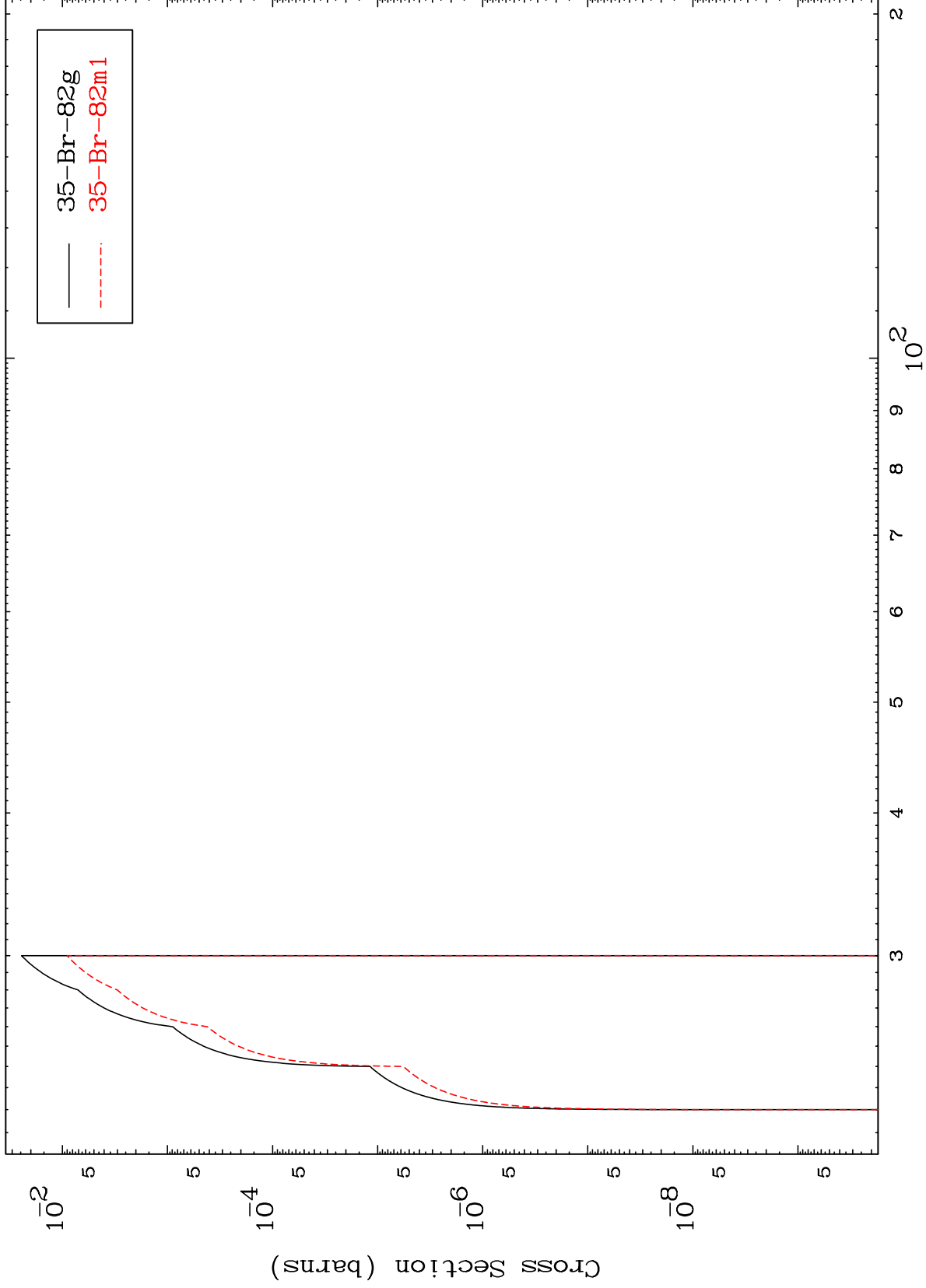
³⁴Se-81

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$(\alpha, 2n)$ p

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

Radionuclide Production Cross Section



15

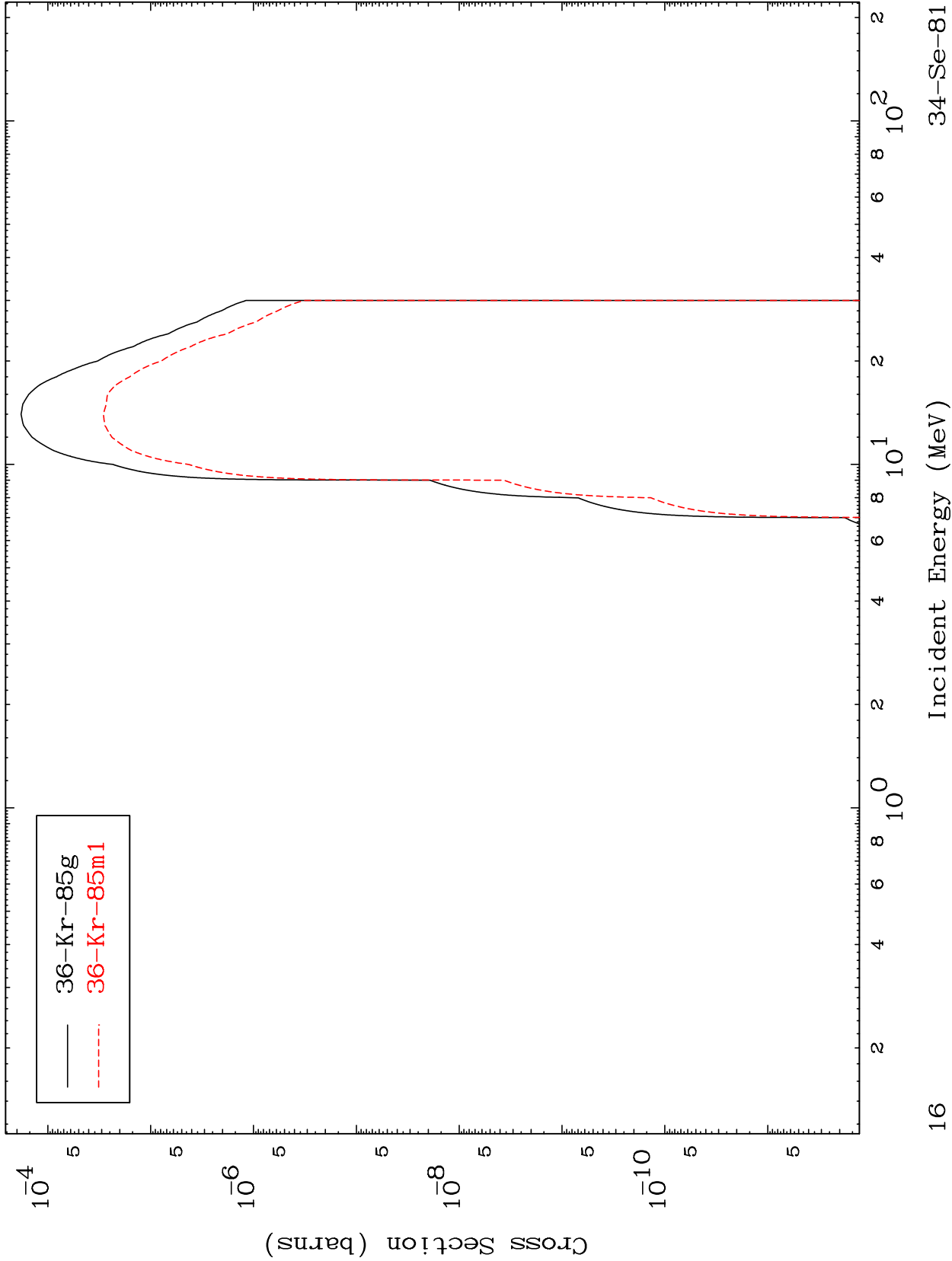
Incident Energy (MeV)

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

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³⁴Se-81

(α, γ)
Radionuclide Production Cross Section



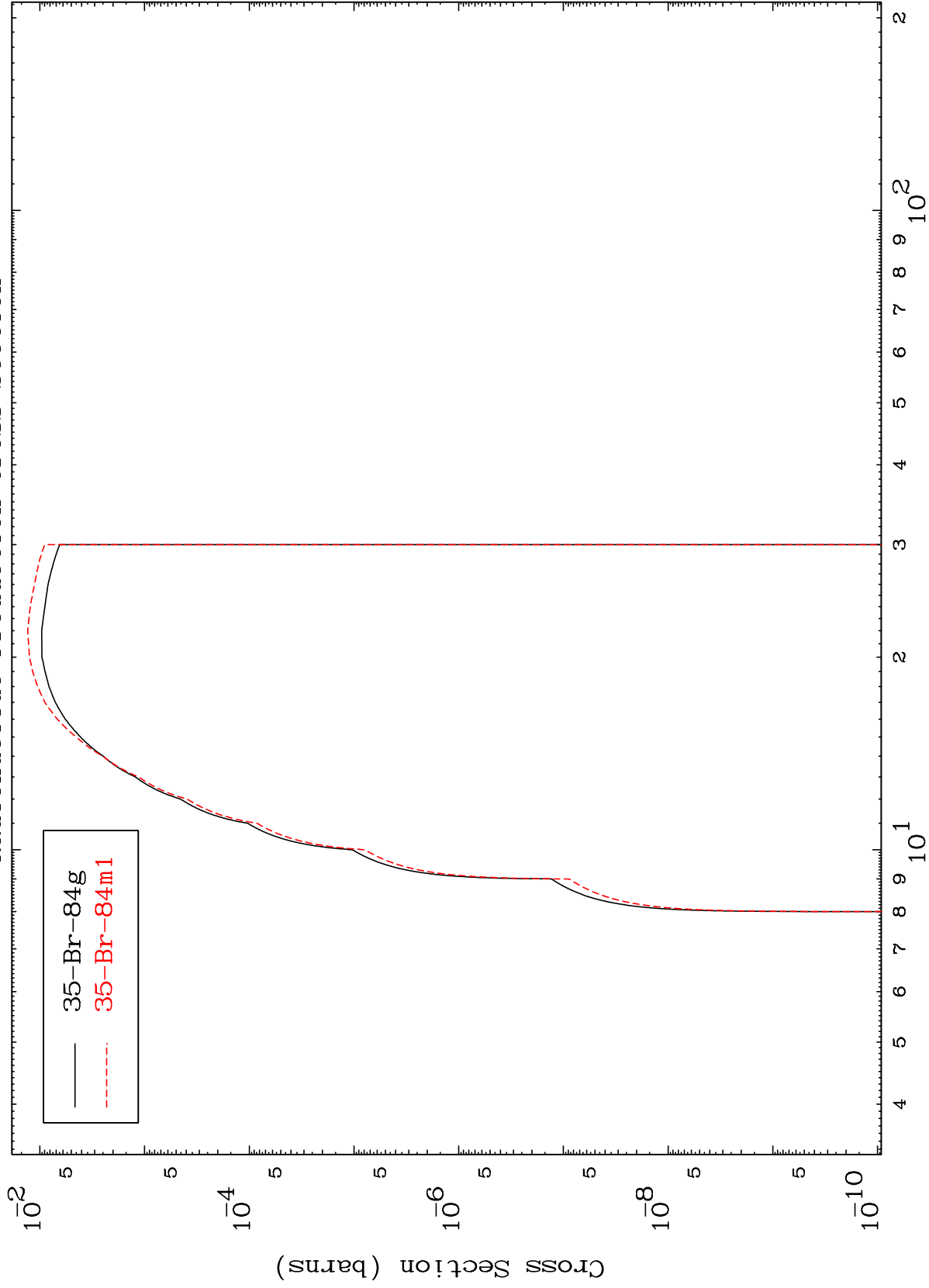
16

³⁴Se-81

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³⁴Se-81

(α, p)
Radionuclide Production Cross Section

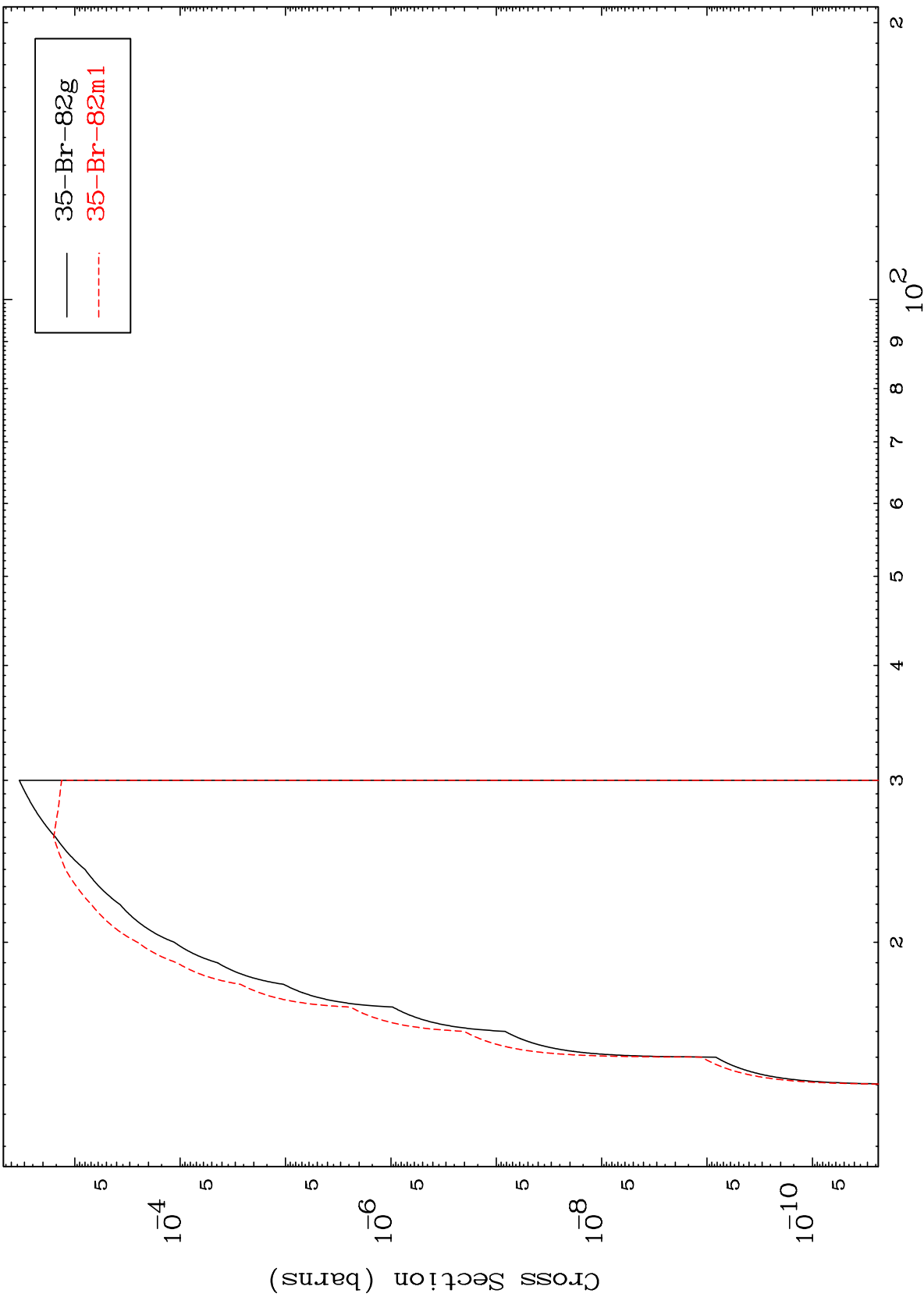


17

Incident Energy (MeV)

³⁴Se-81

Radionuclide Production Cross Section

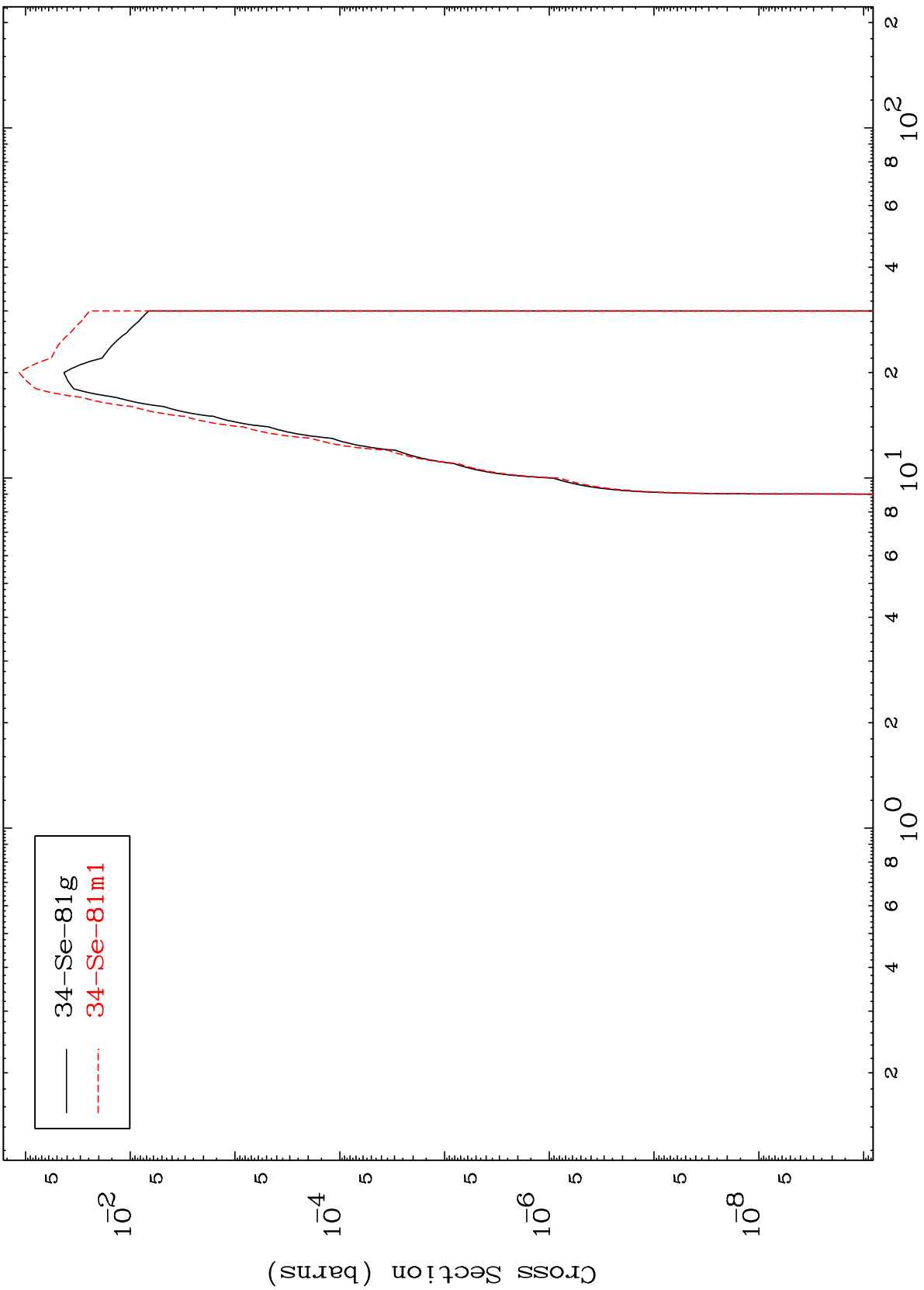


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(α, α)

³⁴Se-81

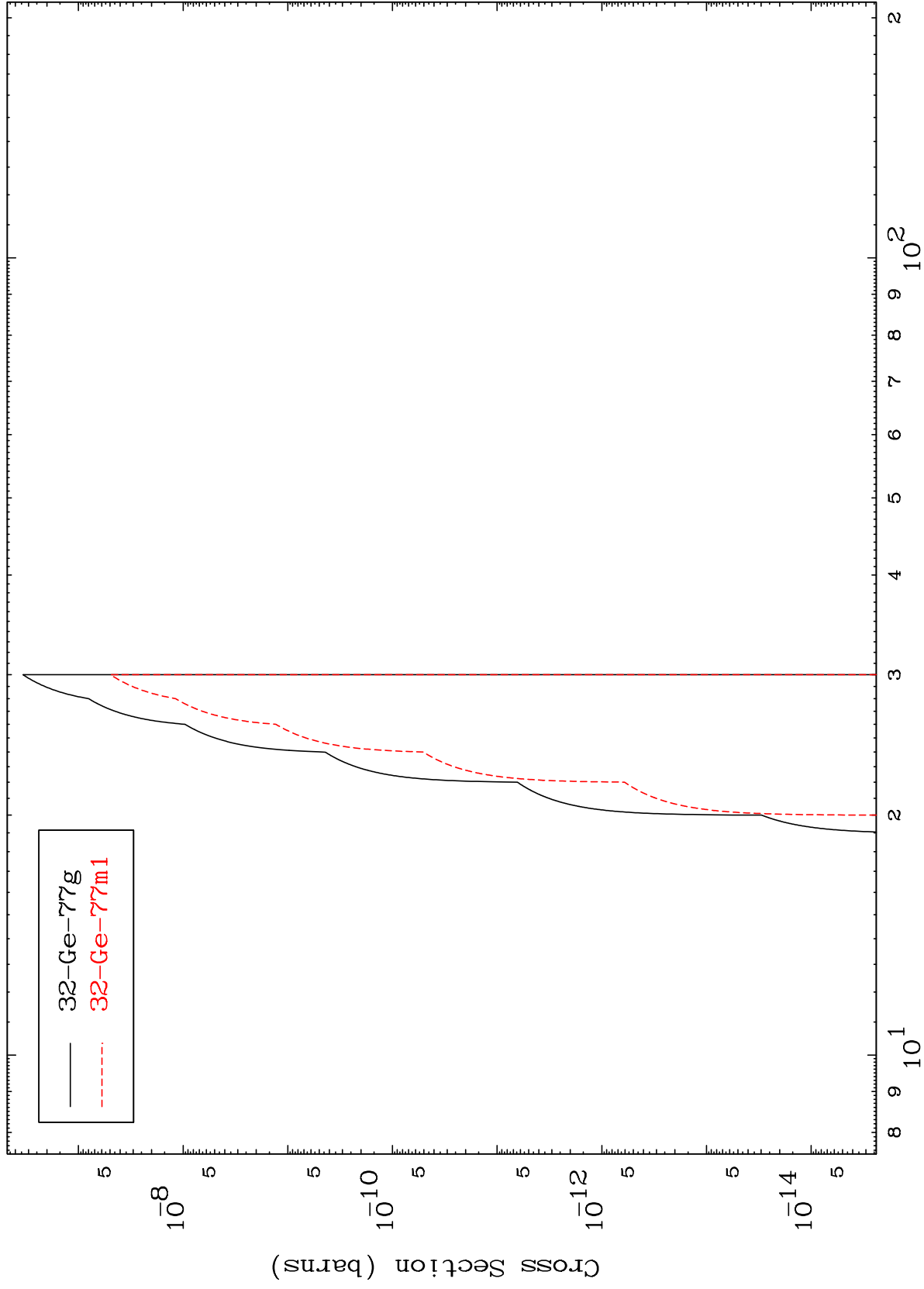
Radionuclide Production Cross Section



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34-Se-81

Radionuclide Production Cross Section
($\alpha, 2\alpha$)



20

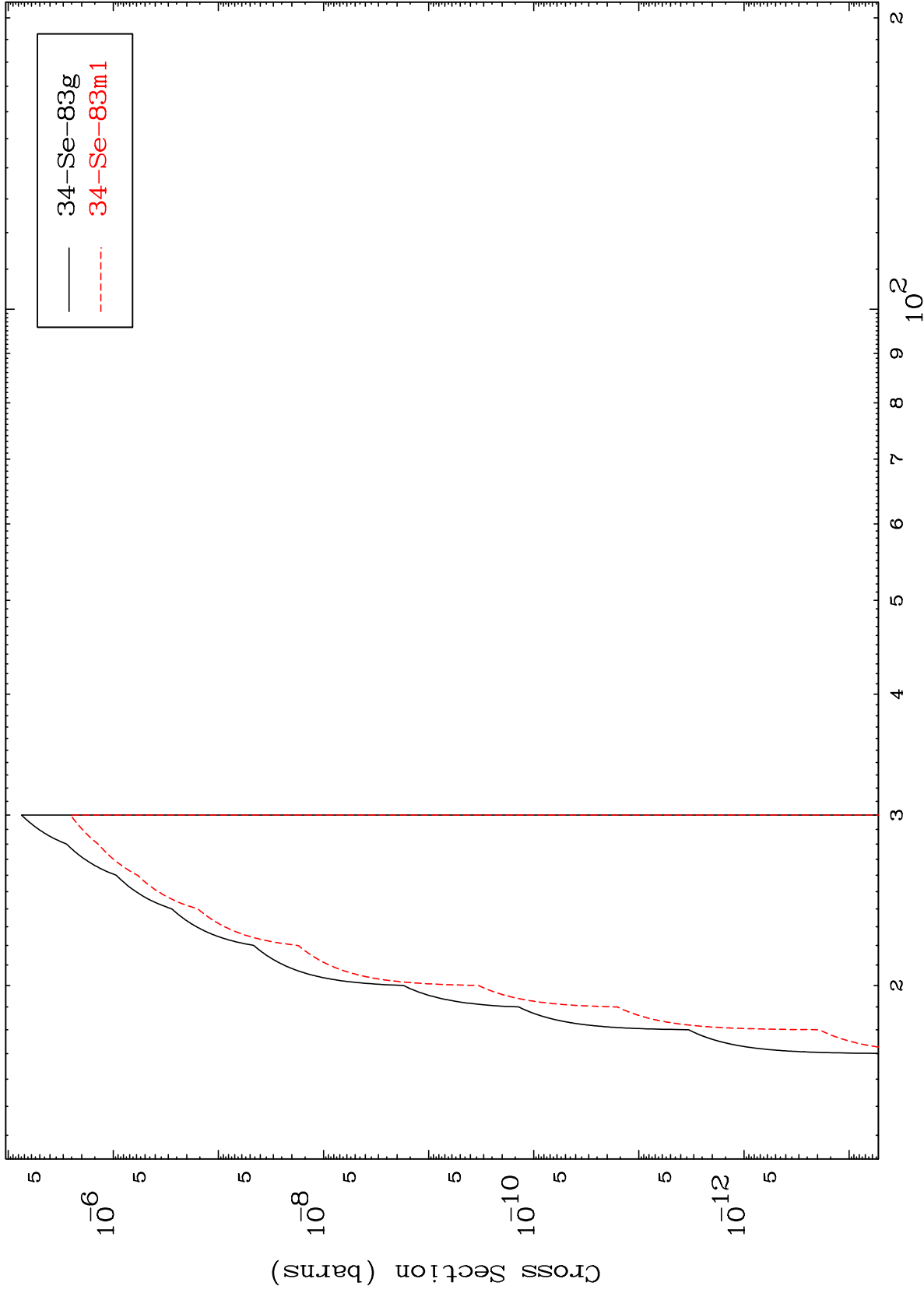
Incident Energy (MeV)

34-Se-81

MAT 3447

³⁴Se-81

($\alpha, 2p$)
Radionuclide Production Cross Section



21

³⁴Se-81

