

Program EVALPLOT
(Version 2018-1)

by

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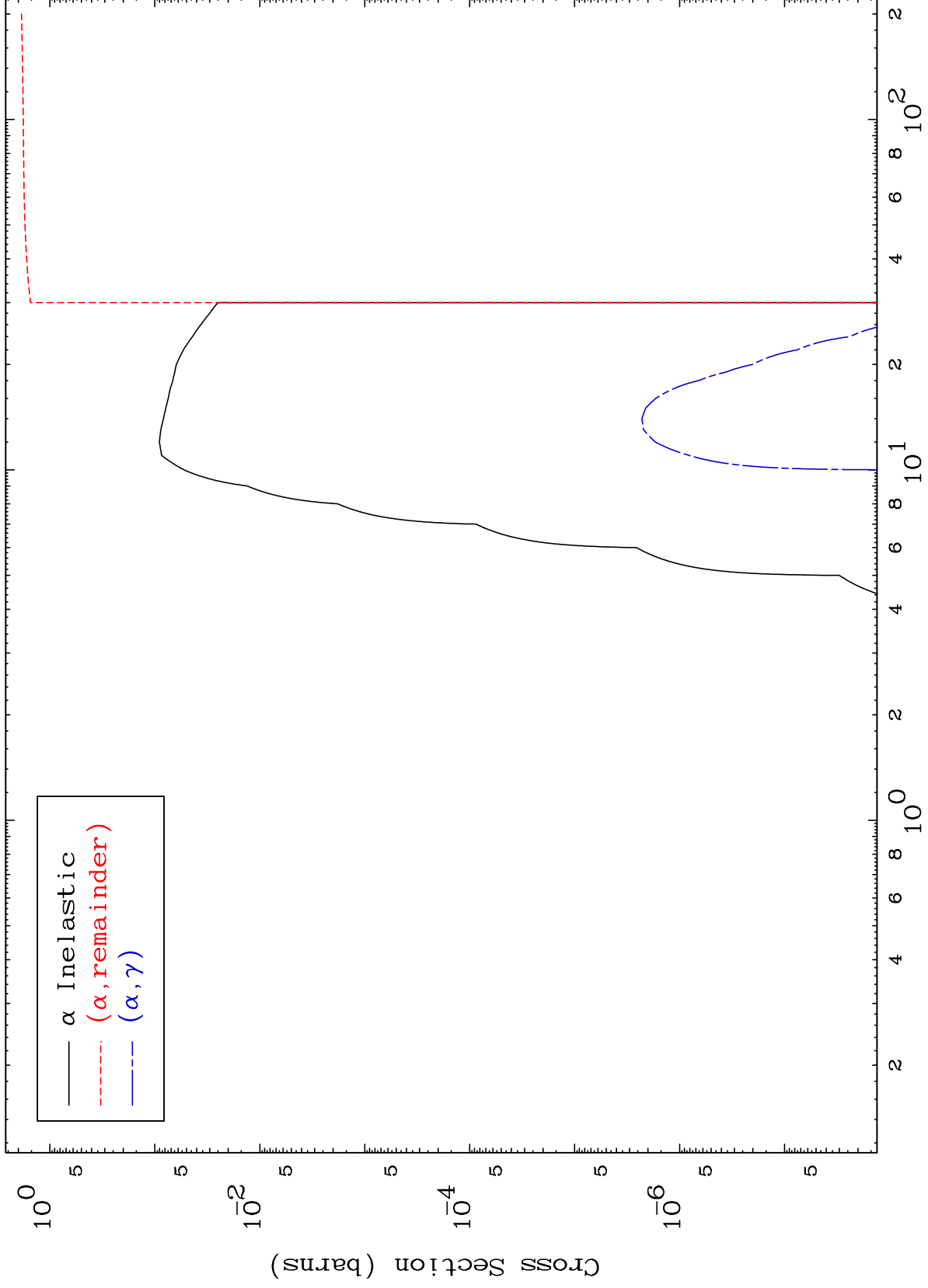
Press Mouse Button to Start

MAT 3453

α Major

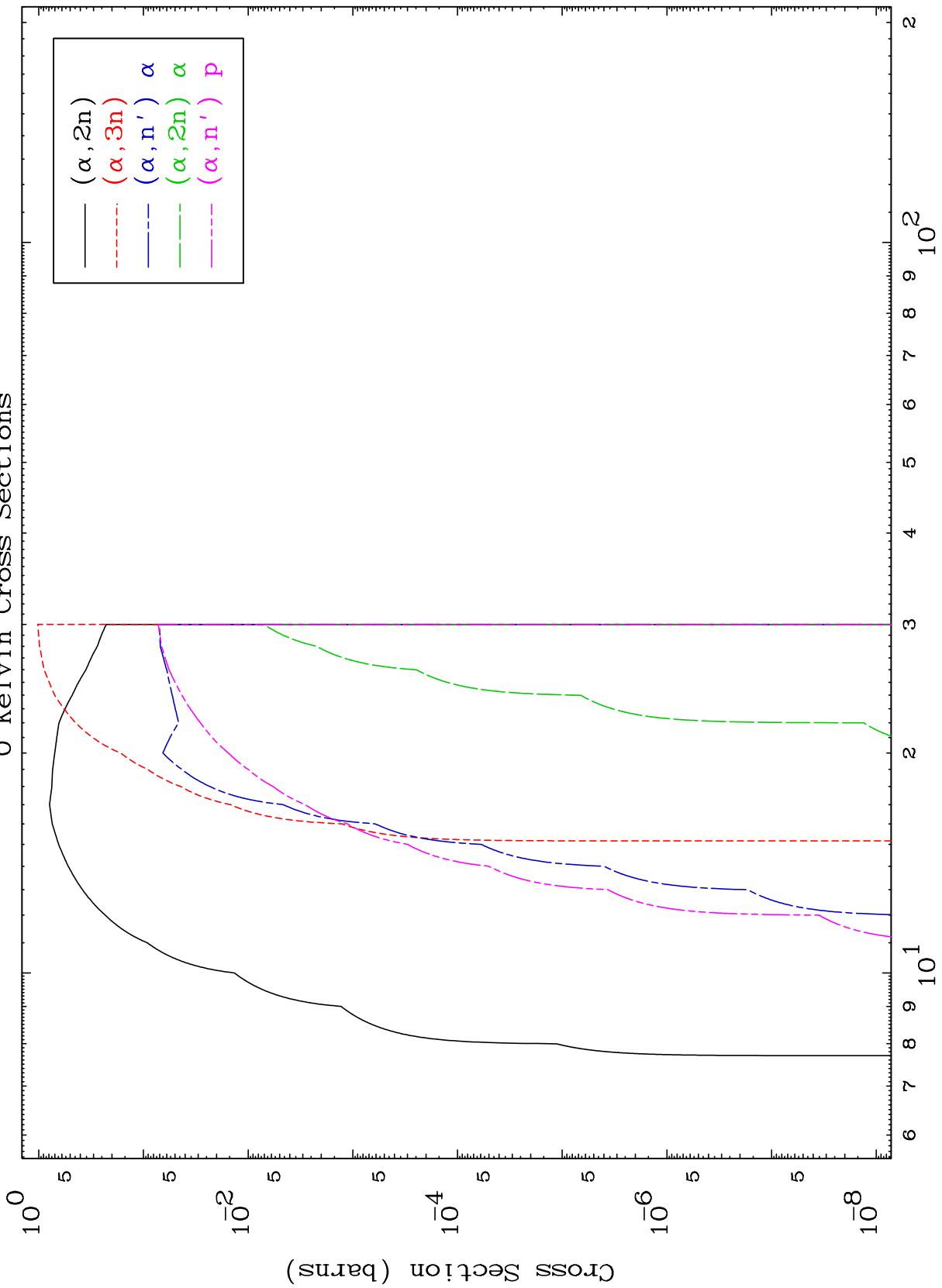
34-Se-83

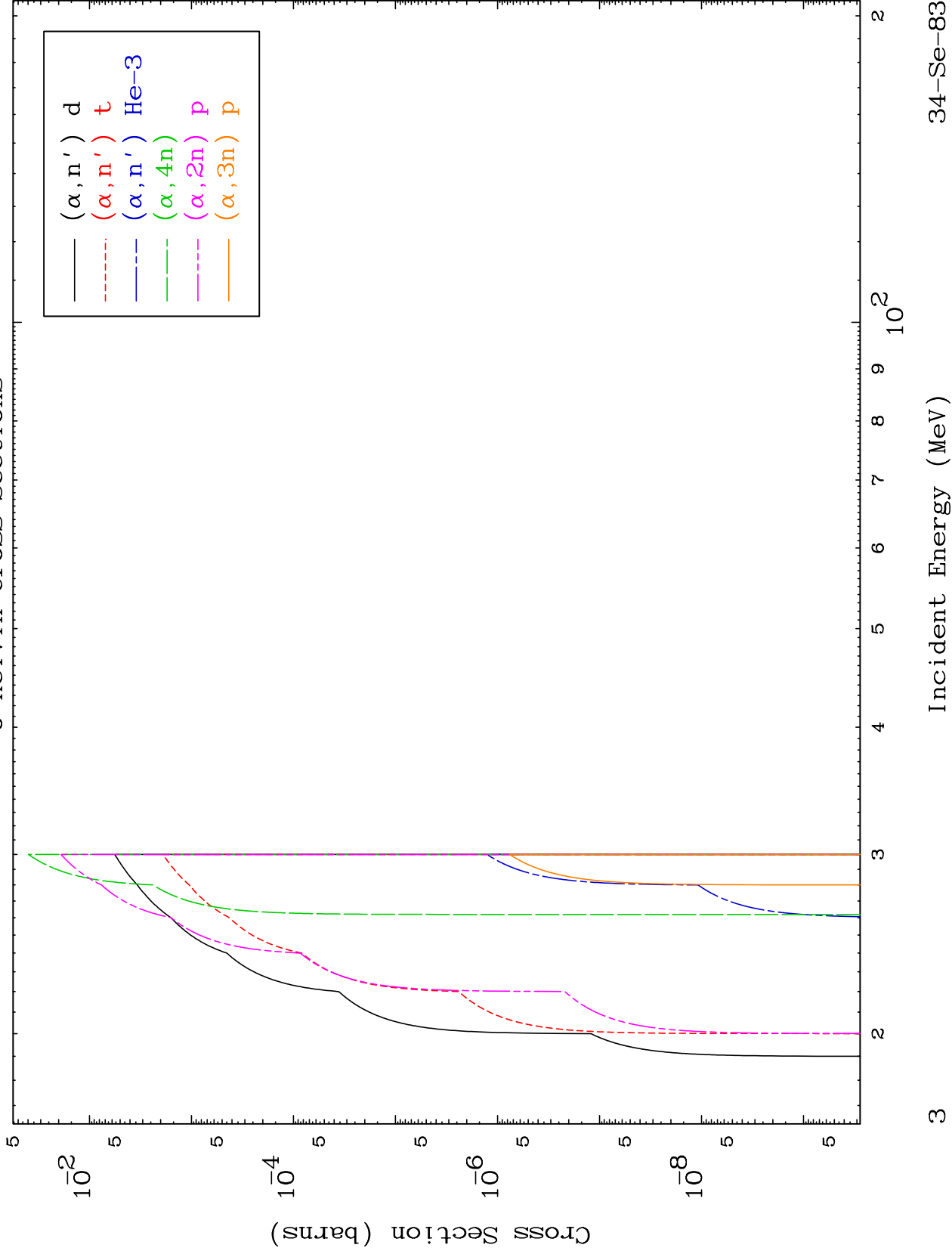
0 Kelvin Cross Sections



α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

α Neutron Production
0 Kelvin Cross Sections

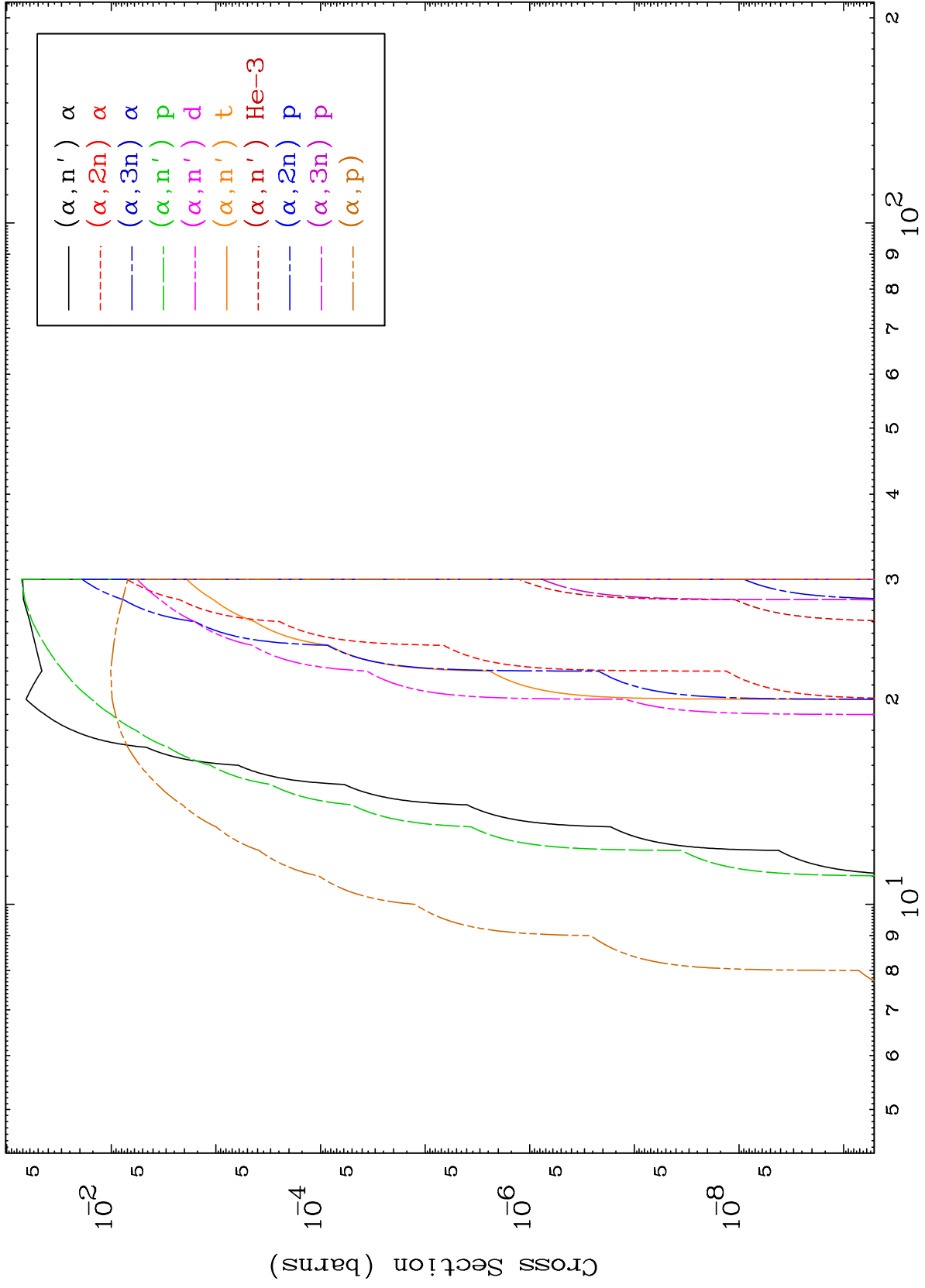


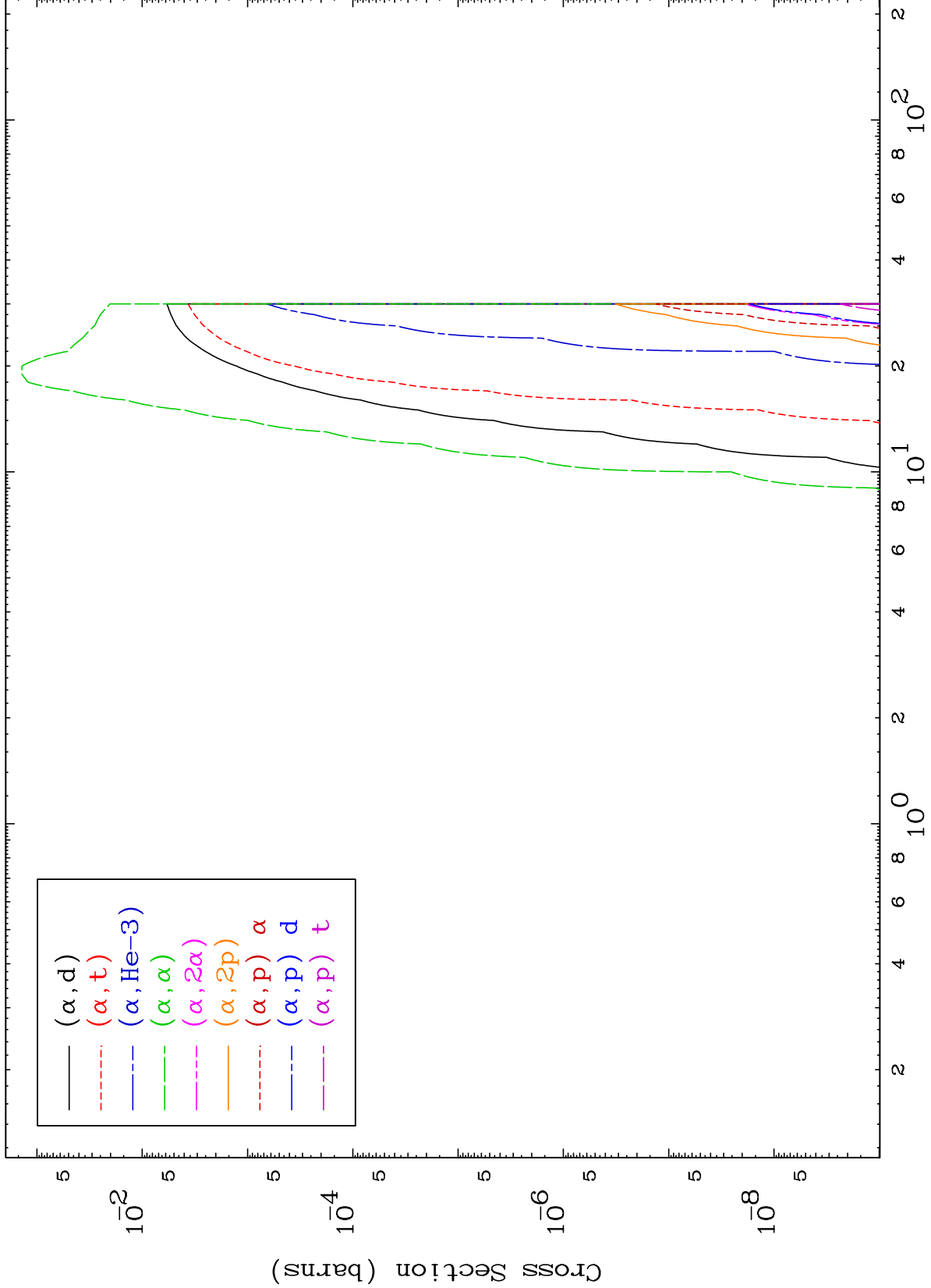


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α Charged Particle
0 Kelvin Cross Sections

34-Se-83



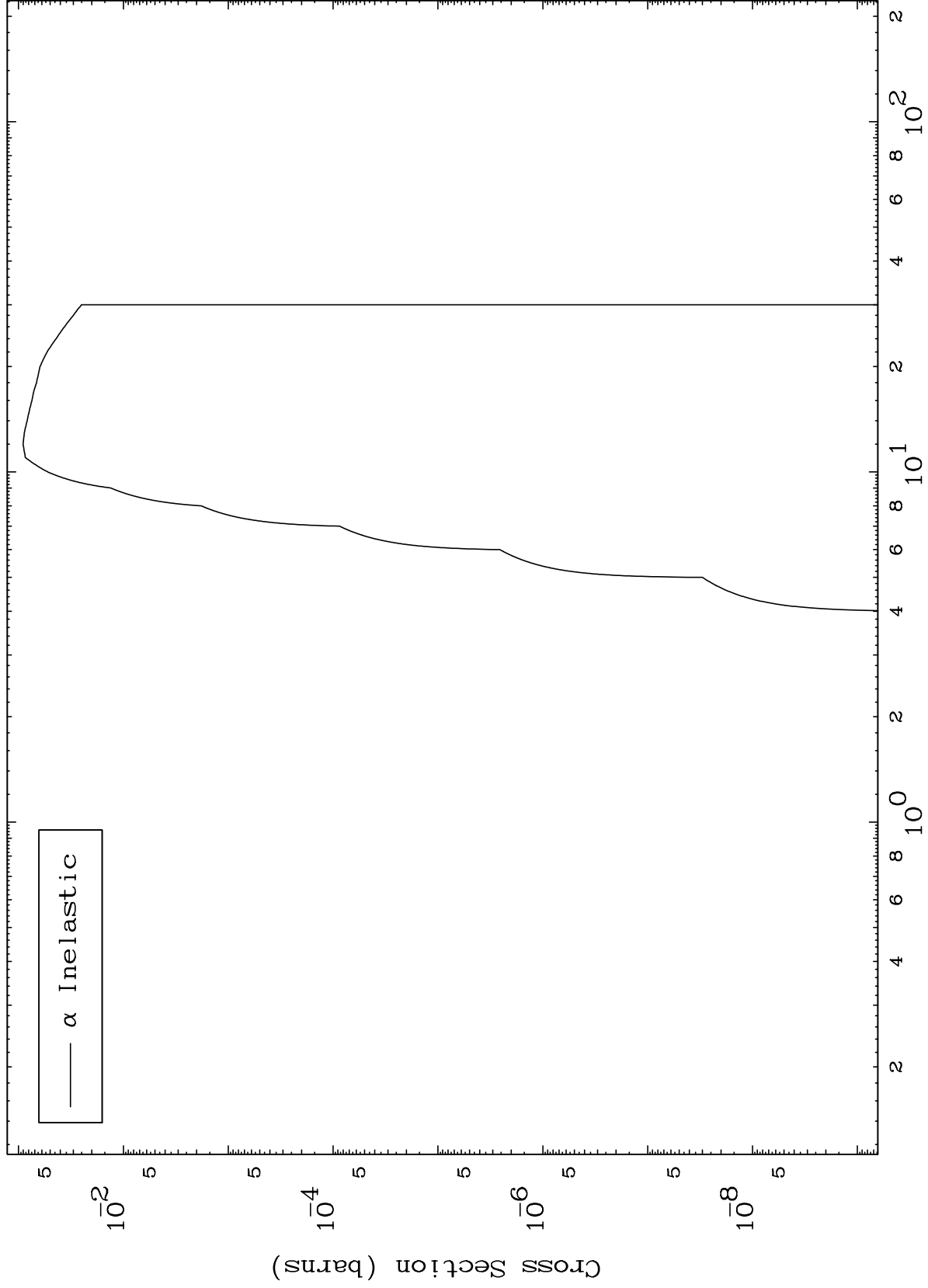


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(α, n') Level

34-Se-83

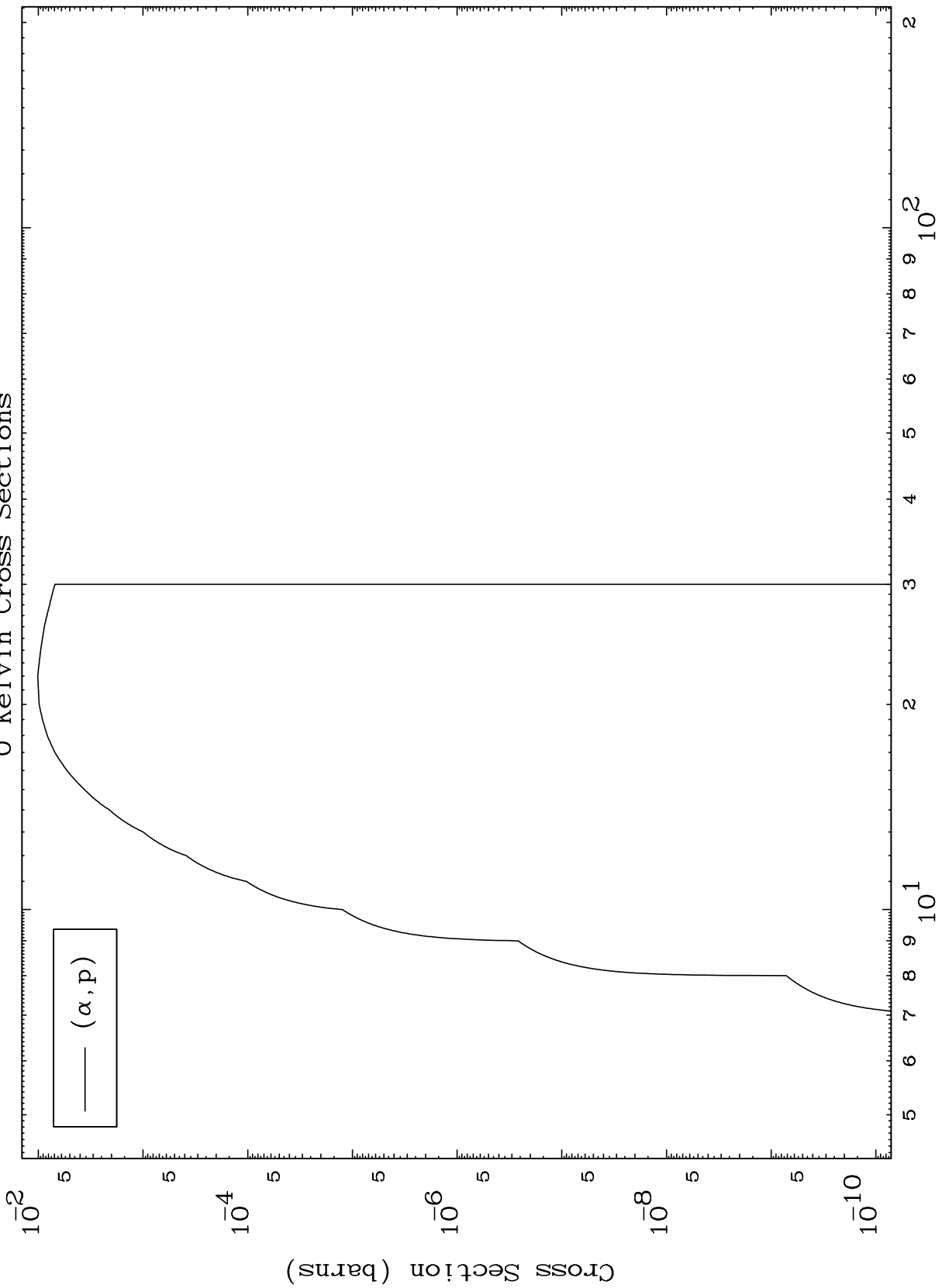
0 Kelvin Cross Sections



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34-Se-83

(α, p) Levels
0 Kelvin Cross Sections



34-Se-83

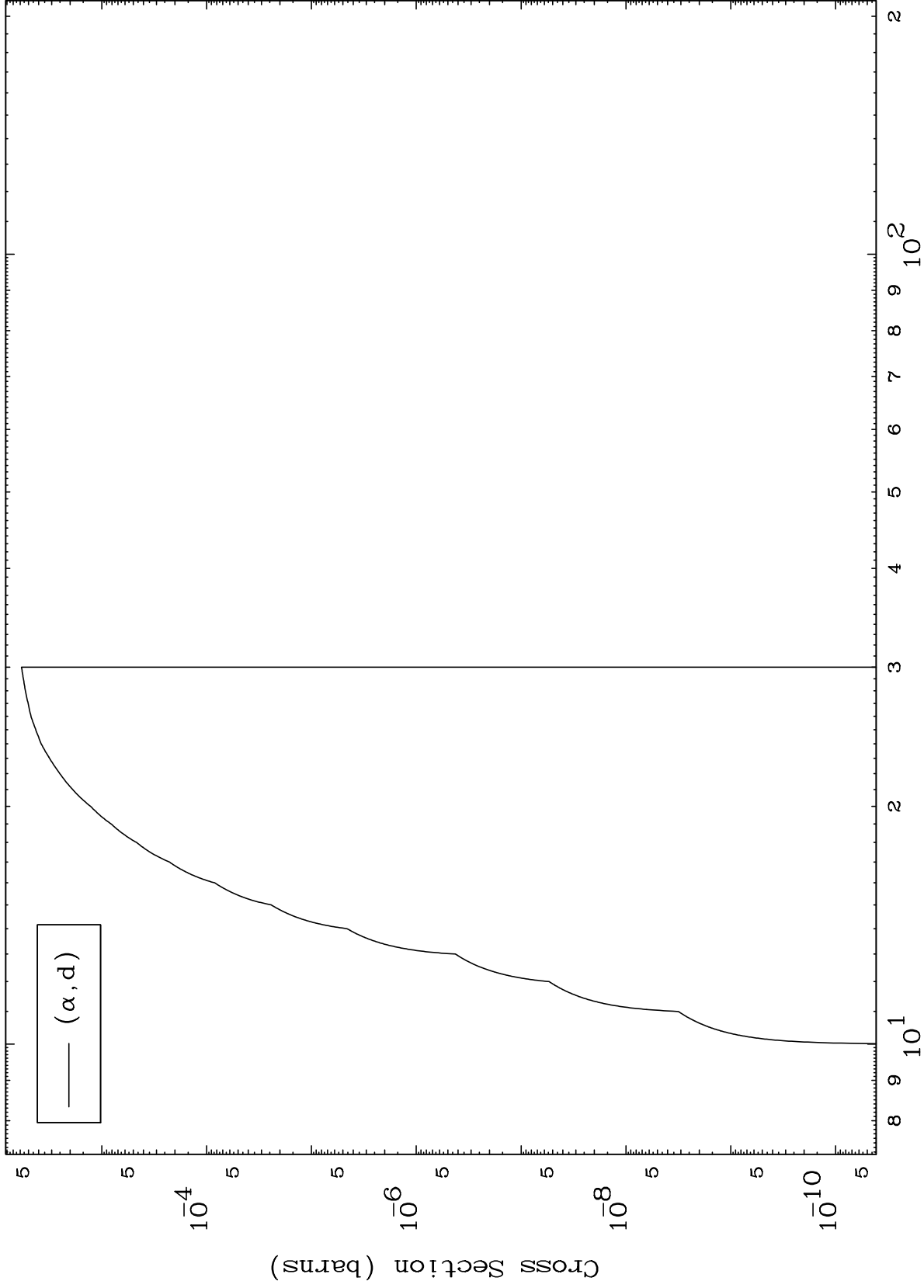
Incident Energy (MeV)

7

MAT 3453

(α, d) Levels
0 Kelvin Cross Sections

$^{34}\text{Se-83}$



8

Incident Energy (MeV)

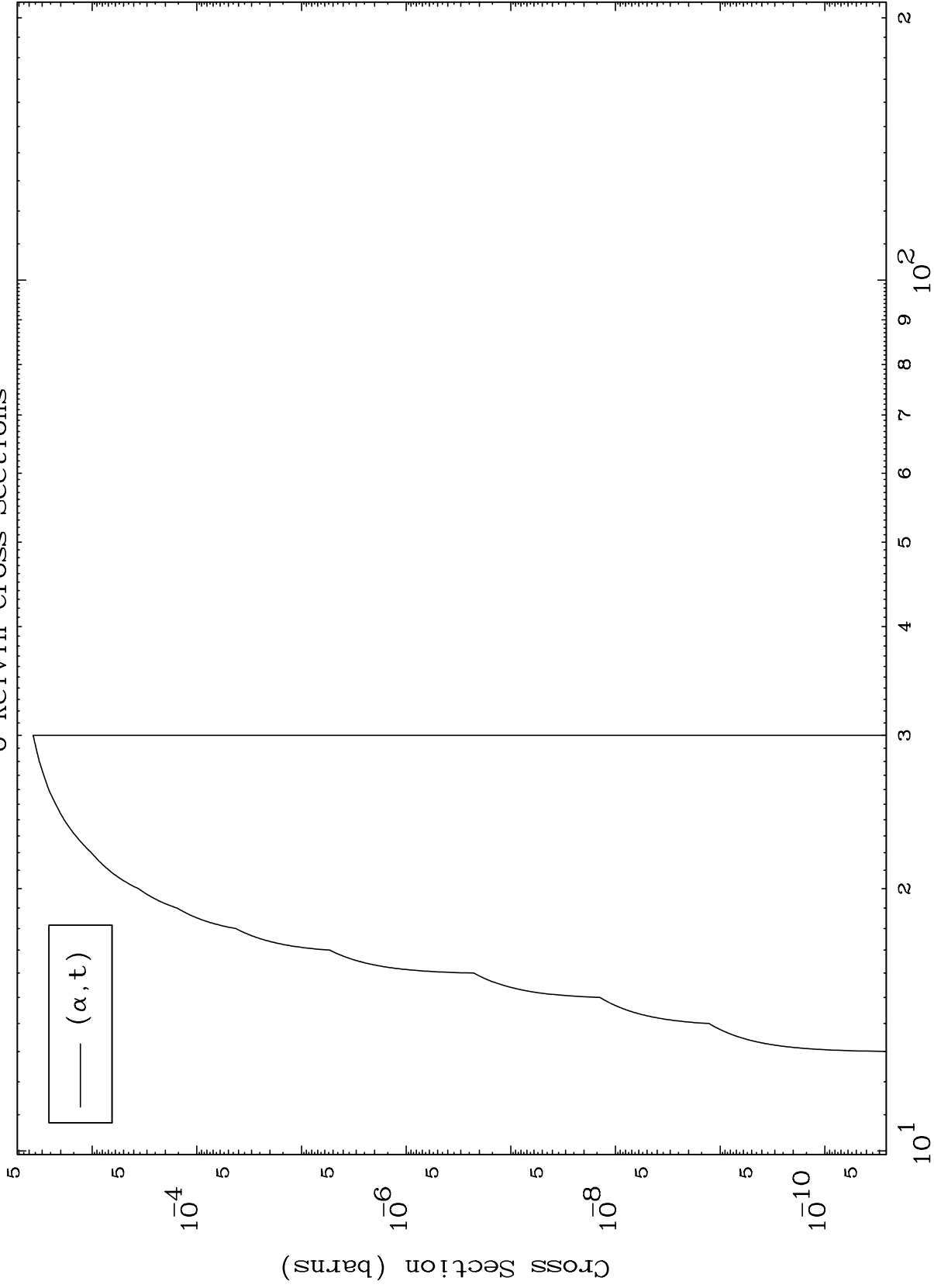
$^{34}\text{Se-83}$

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(α, t) Levels

³⁴Se-83

0 Kelvin Cross Sections



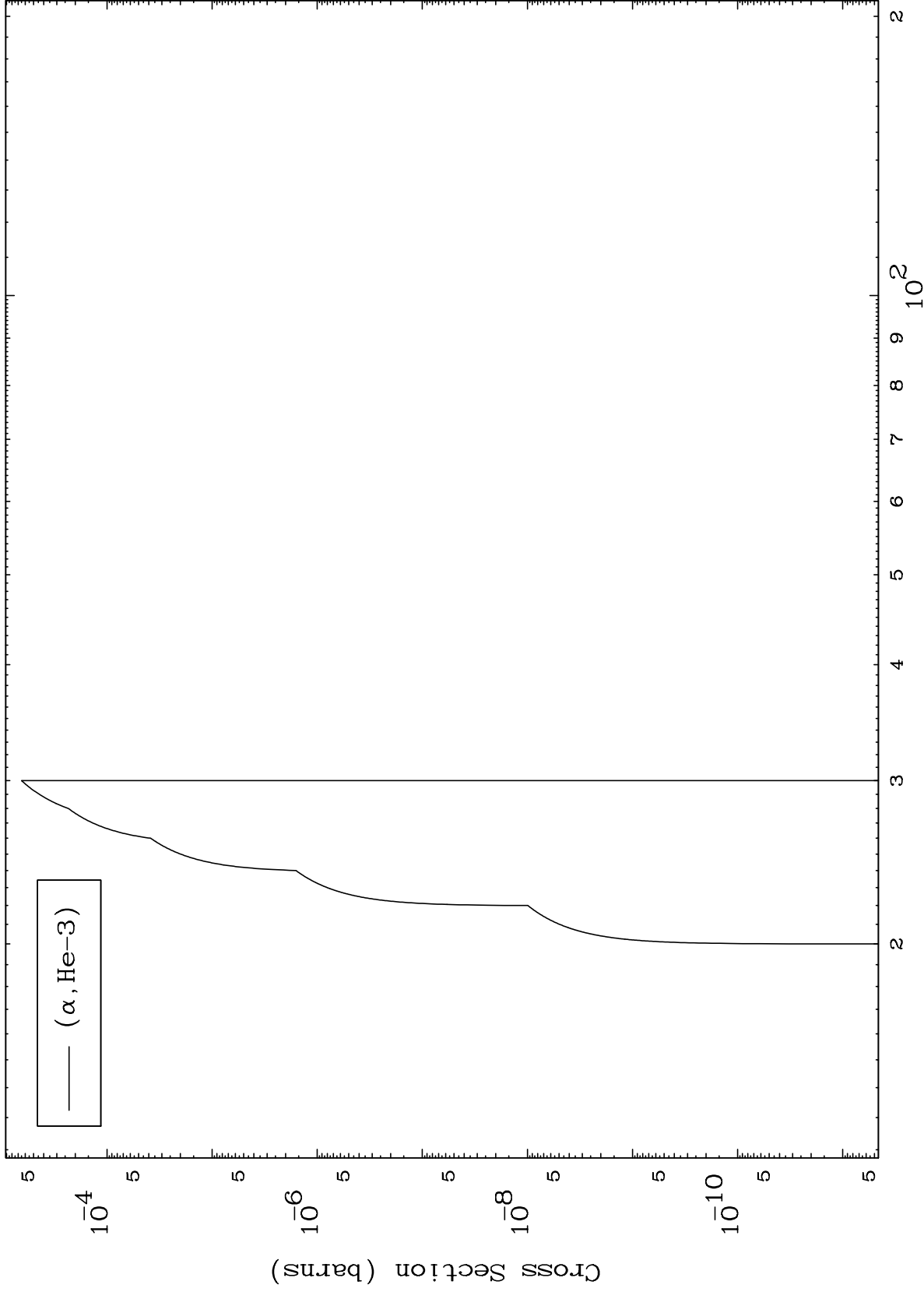
Incident Energy (MeV)

³⁴Se-83

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(α ,He3) Levels
0 Kelvin Cross Sections

34-Se-83



10

Incident Energy (MeV)

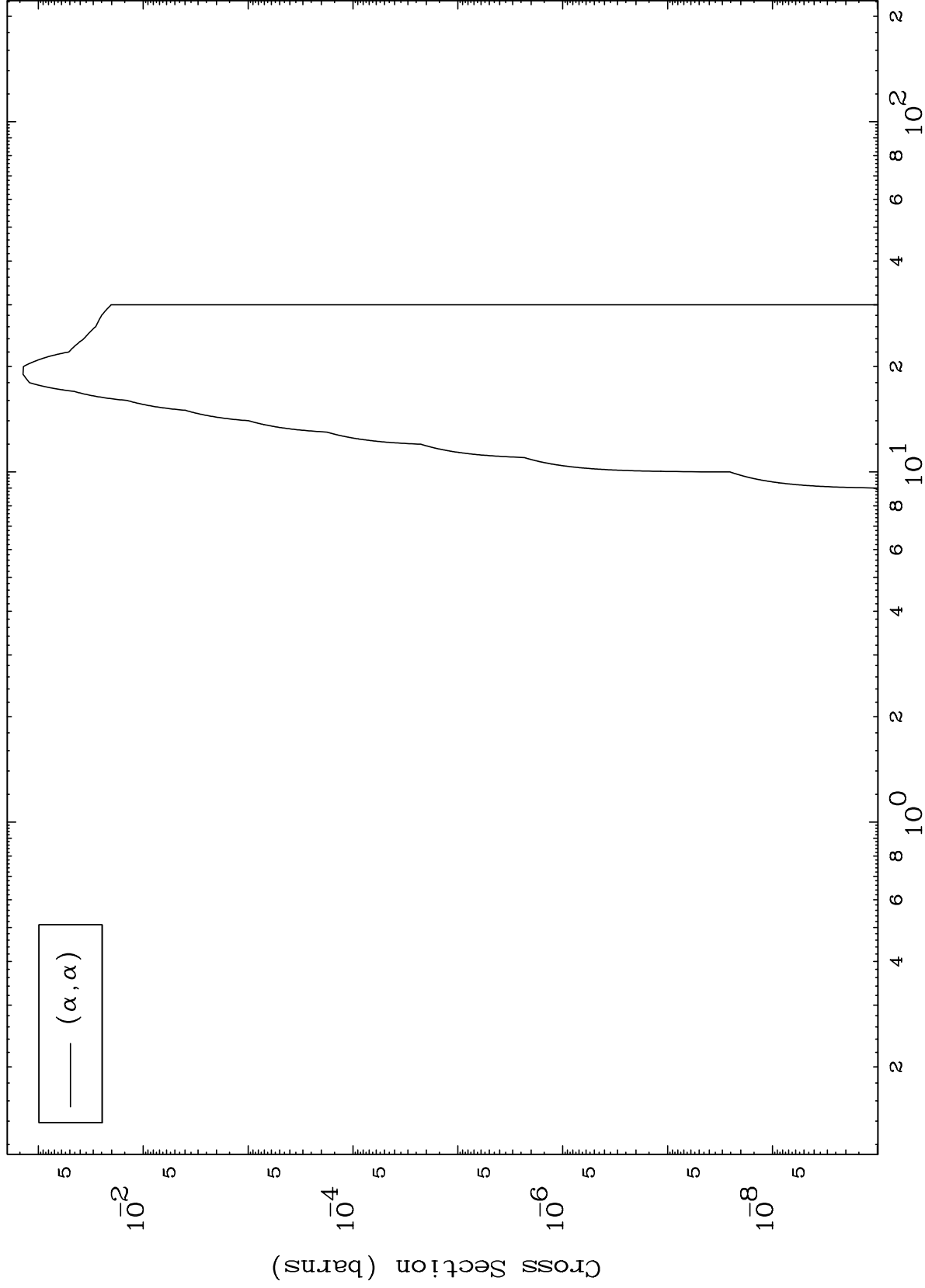
34-Se-83

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(α, α) Levels

$^{34}\text{Se-83}$

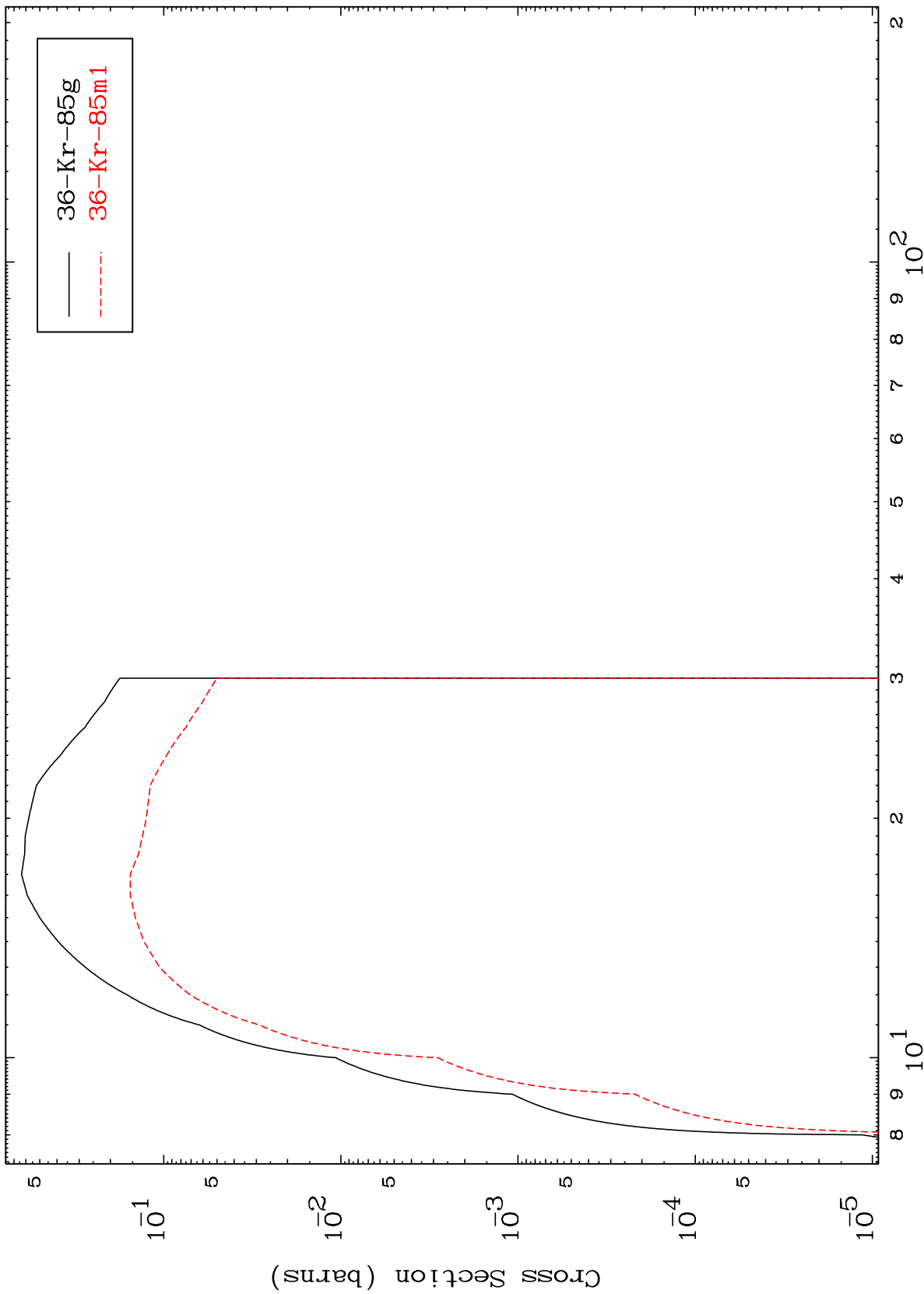
0 Kelvin Cross Sections



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34-Se-83

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



34-Se-83

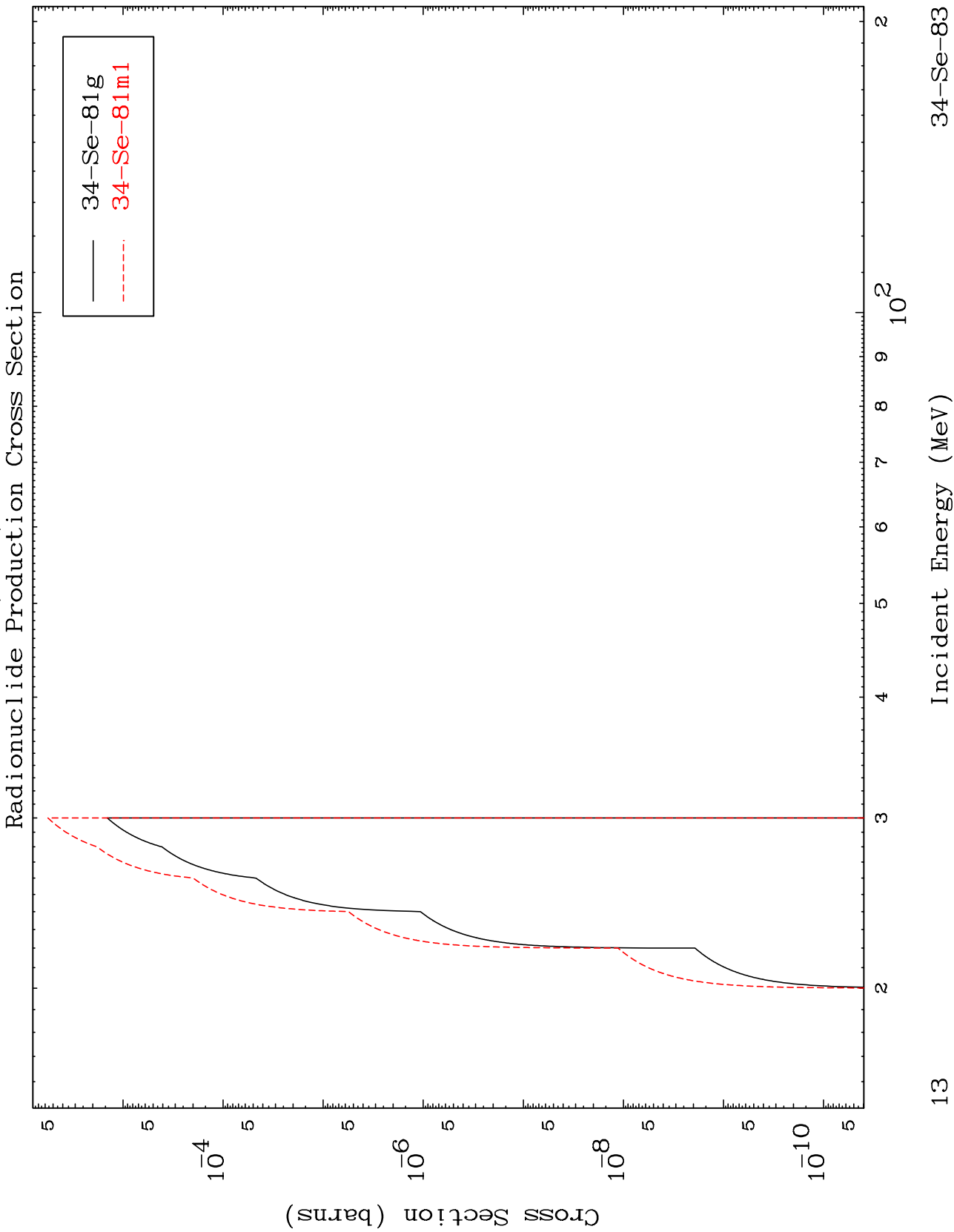
Incident Energy (MeV)

12

MAT 3453

$(\alpha, 2n)$ α

$^{34}\text{Se-83}$



13

Incident Energy (MeV)

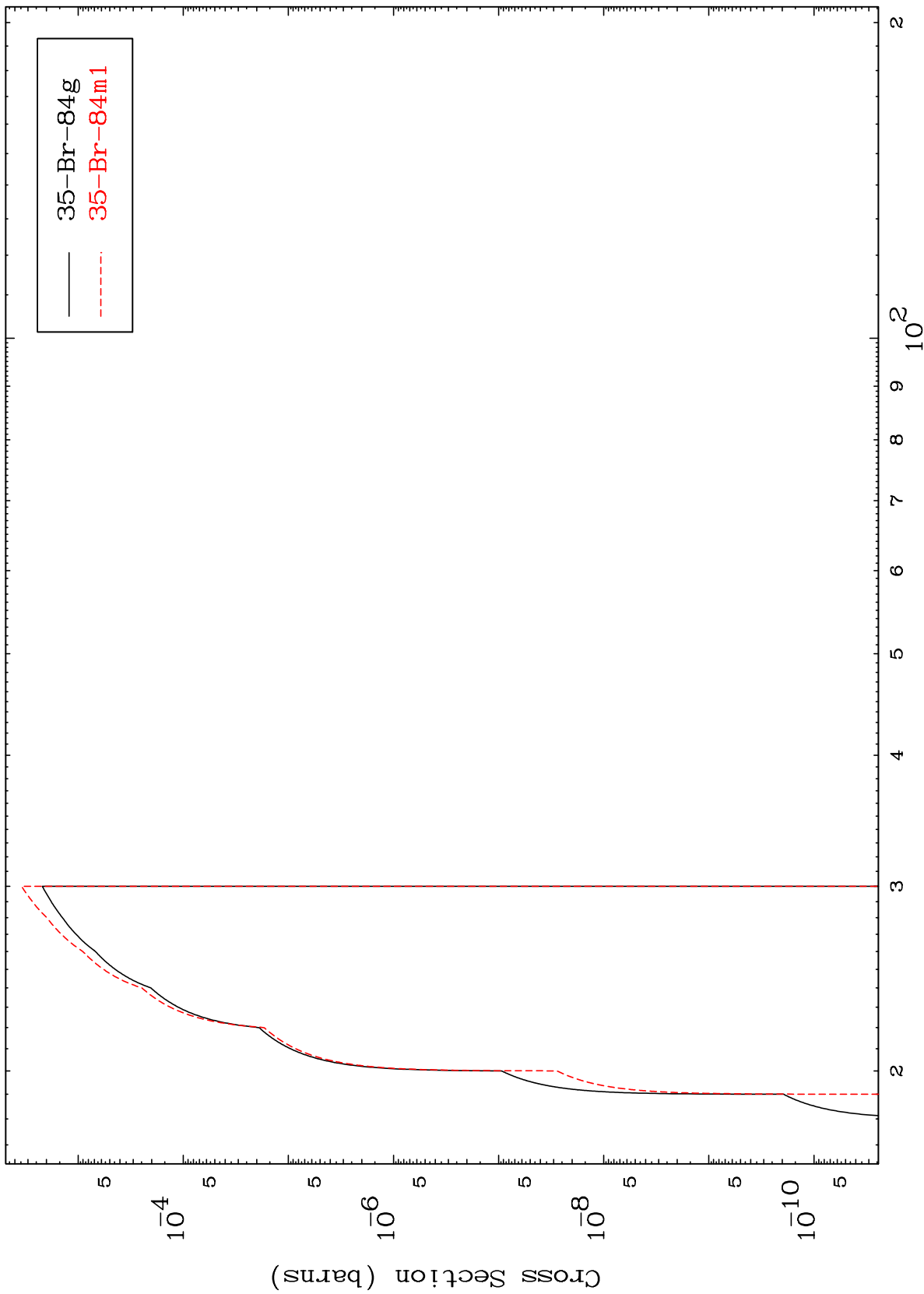
$^{34}\text{Se-83}$

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(α, n') d

34-Se-83

Radionuclide Production Cross Section



14

Incident Energy (MeV)

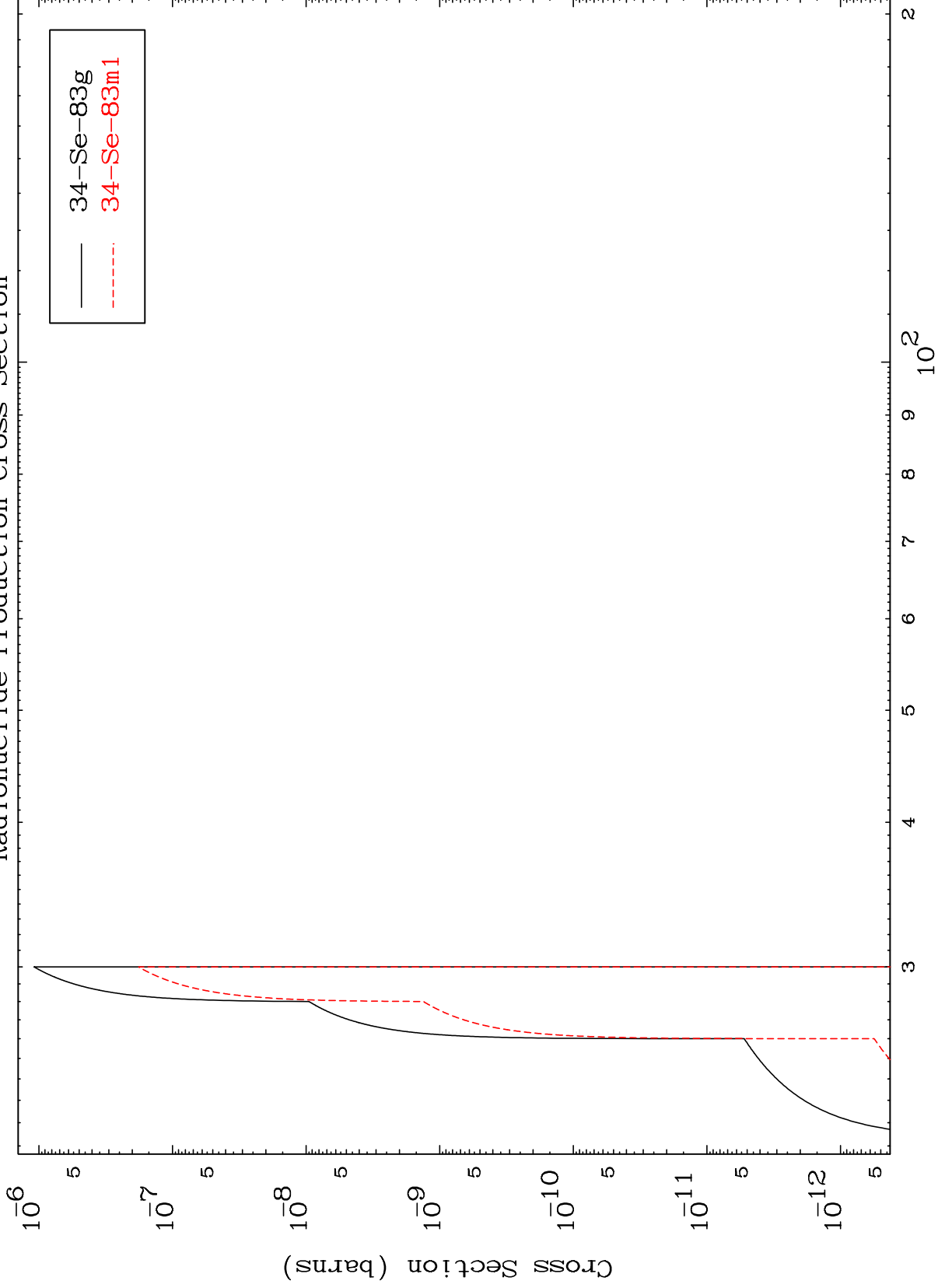
34-Se-83

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(α, n') He-3

34-Se-83

Radionuclide Production Cross Section



15

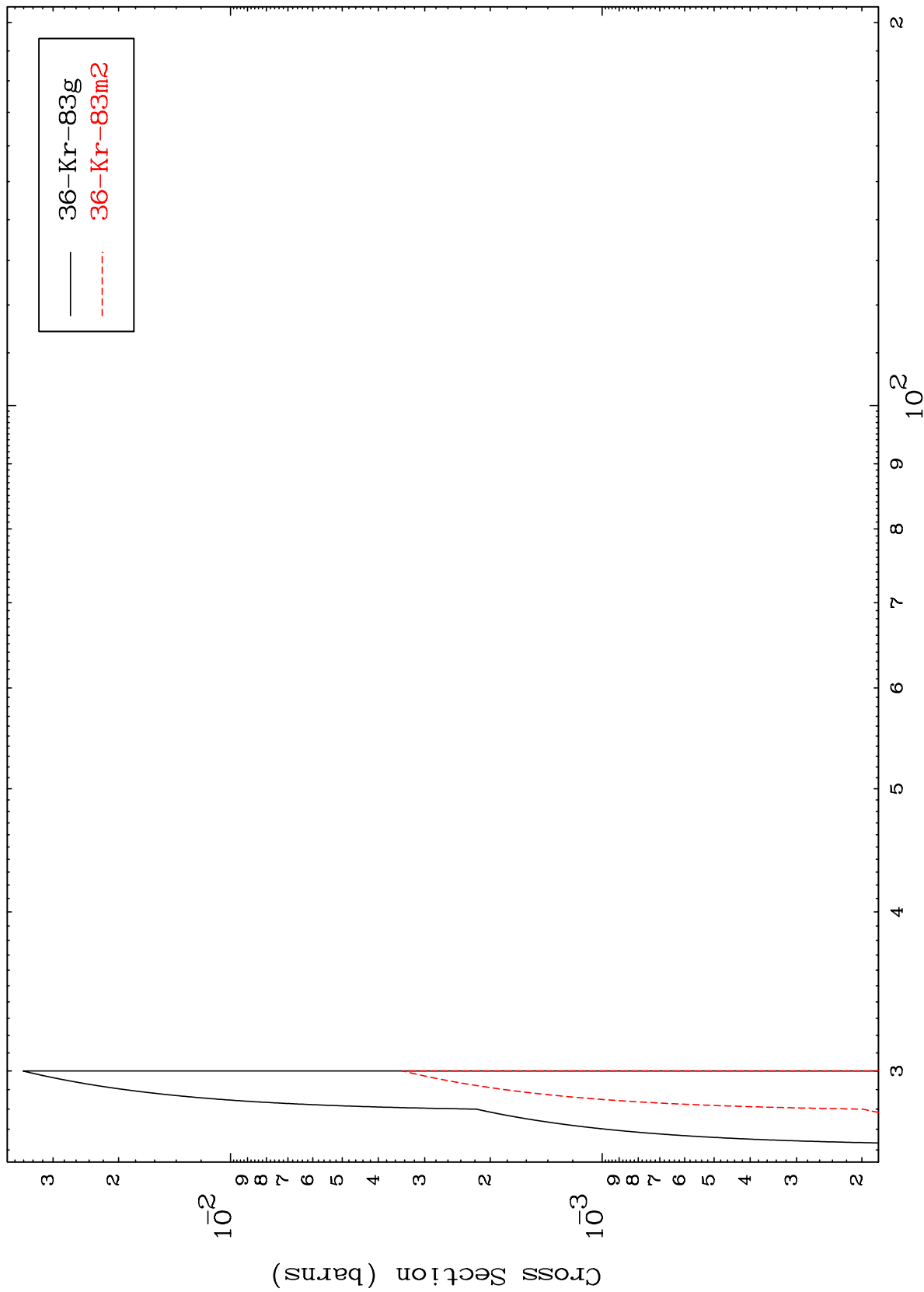
Incident Energy (MeV)

34-Se-83

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³⁴Se-83

($\alpha, 4n$)
Radionuclide Production Cross Section



³⁴Se-83

Incident Energy (MeV)

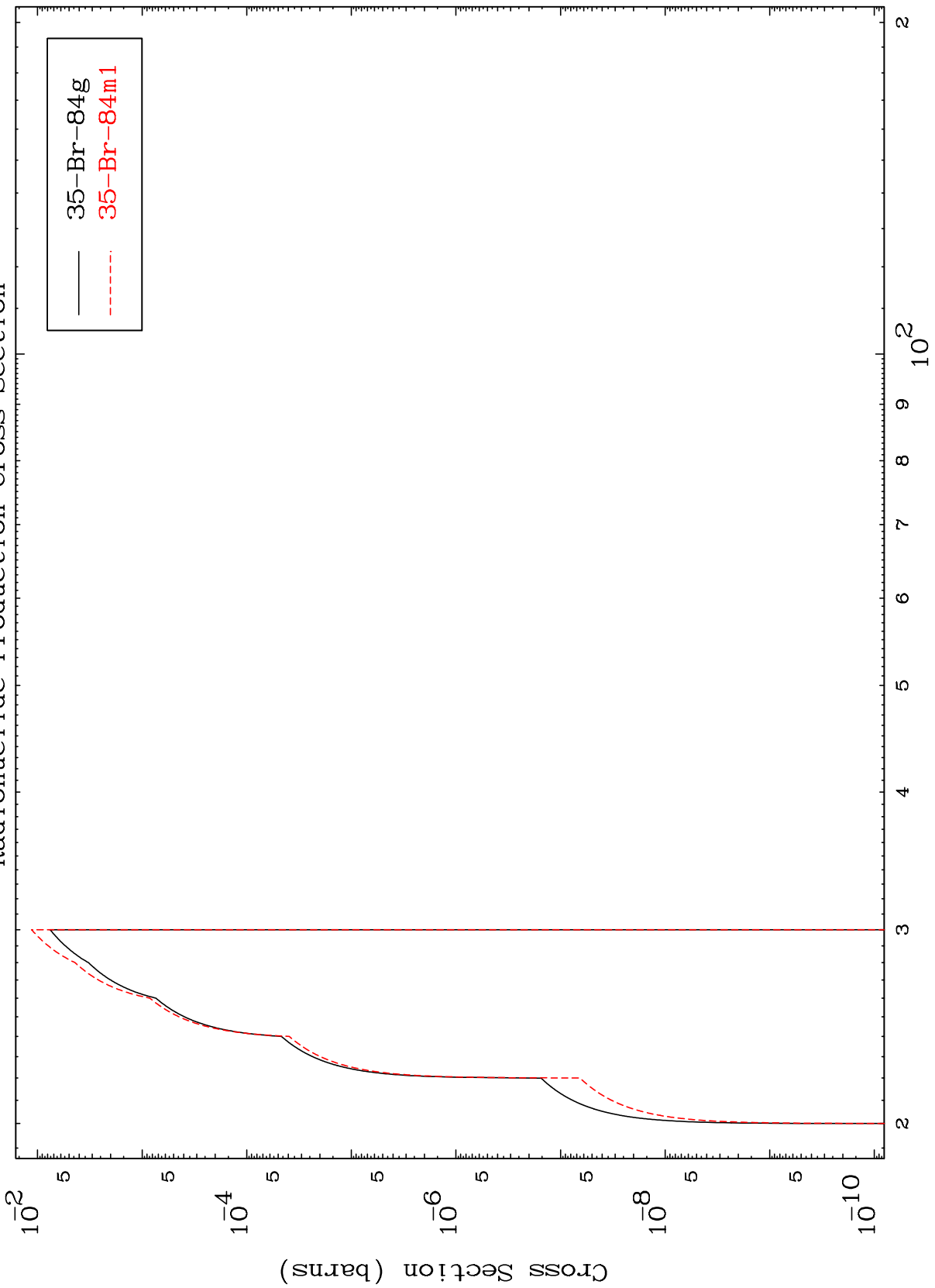
16

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$(\alpha, 2n)$ p

34-Se-83

Radionuclide Production Cross Section



17

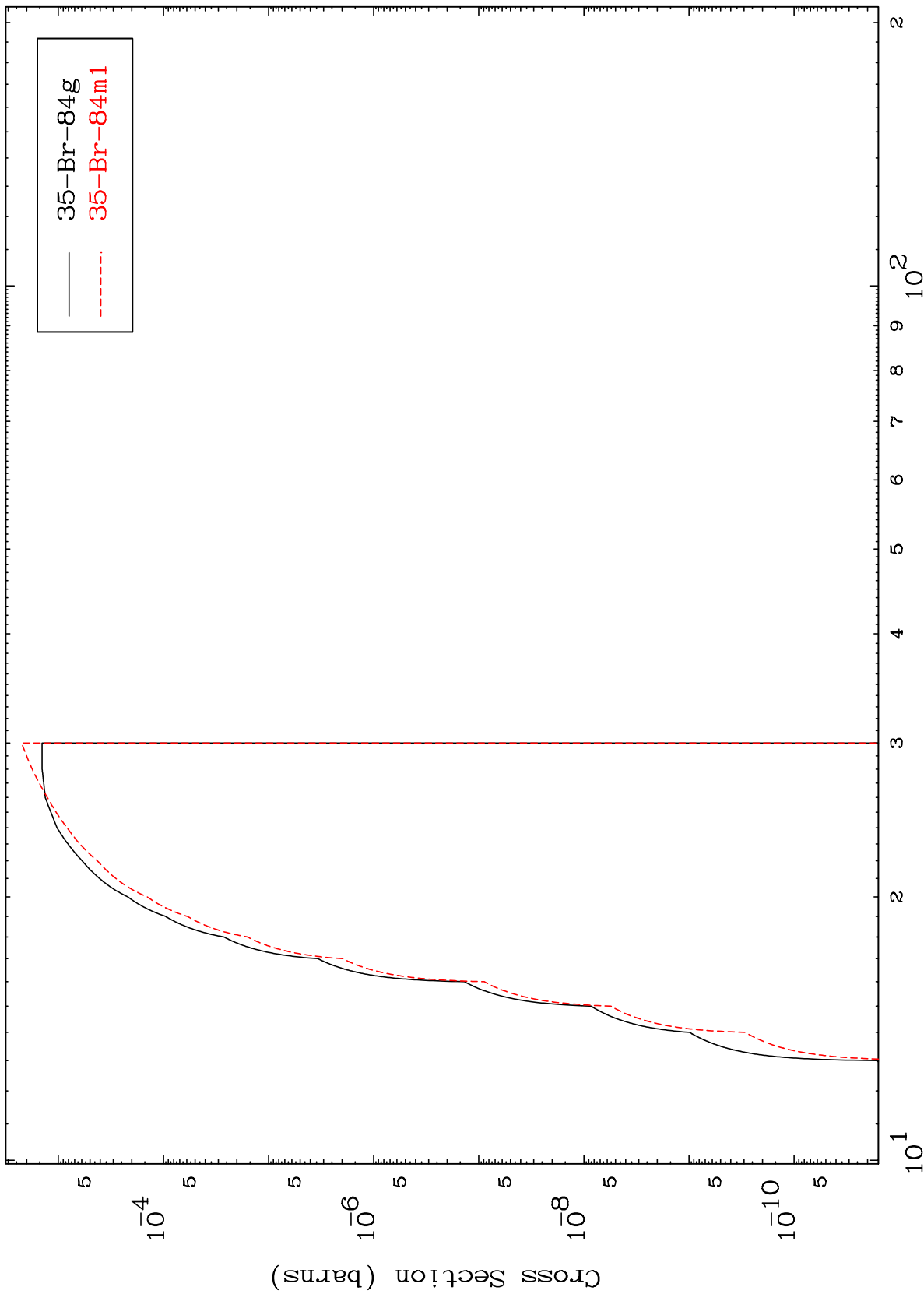
Incident Energy (MeV)

34-Se-83

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34-Se-83

(α, t)
Radionuclide Production Cross Section



34-Se-83

Incident Energy (MeV)

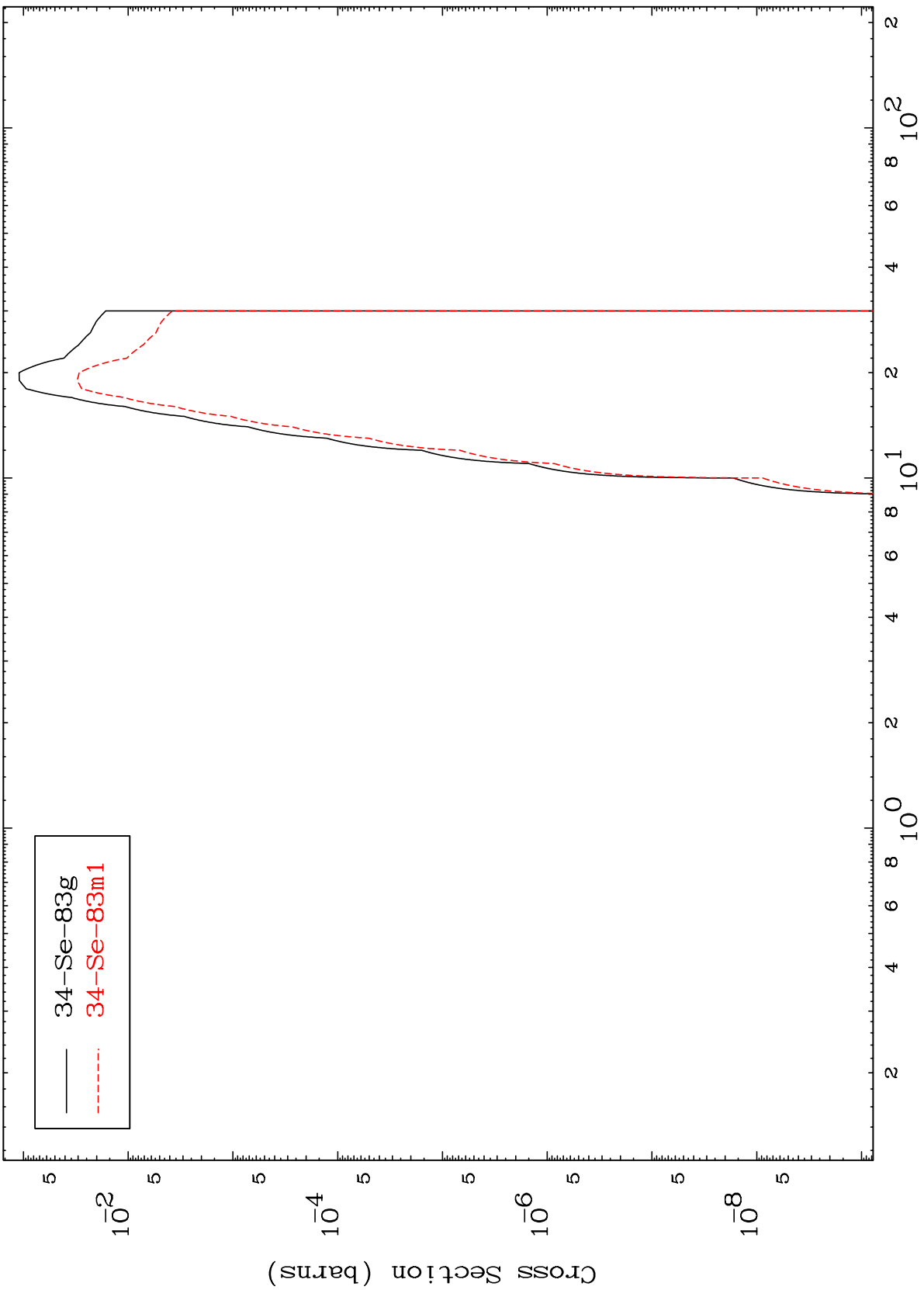
18

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(α, α)

³⁴Se-83

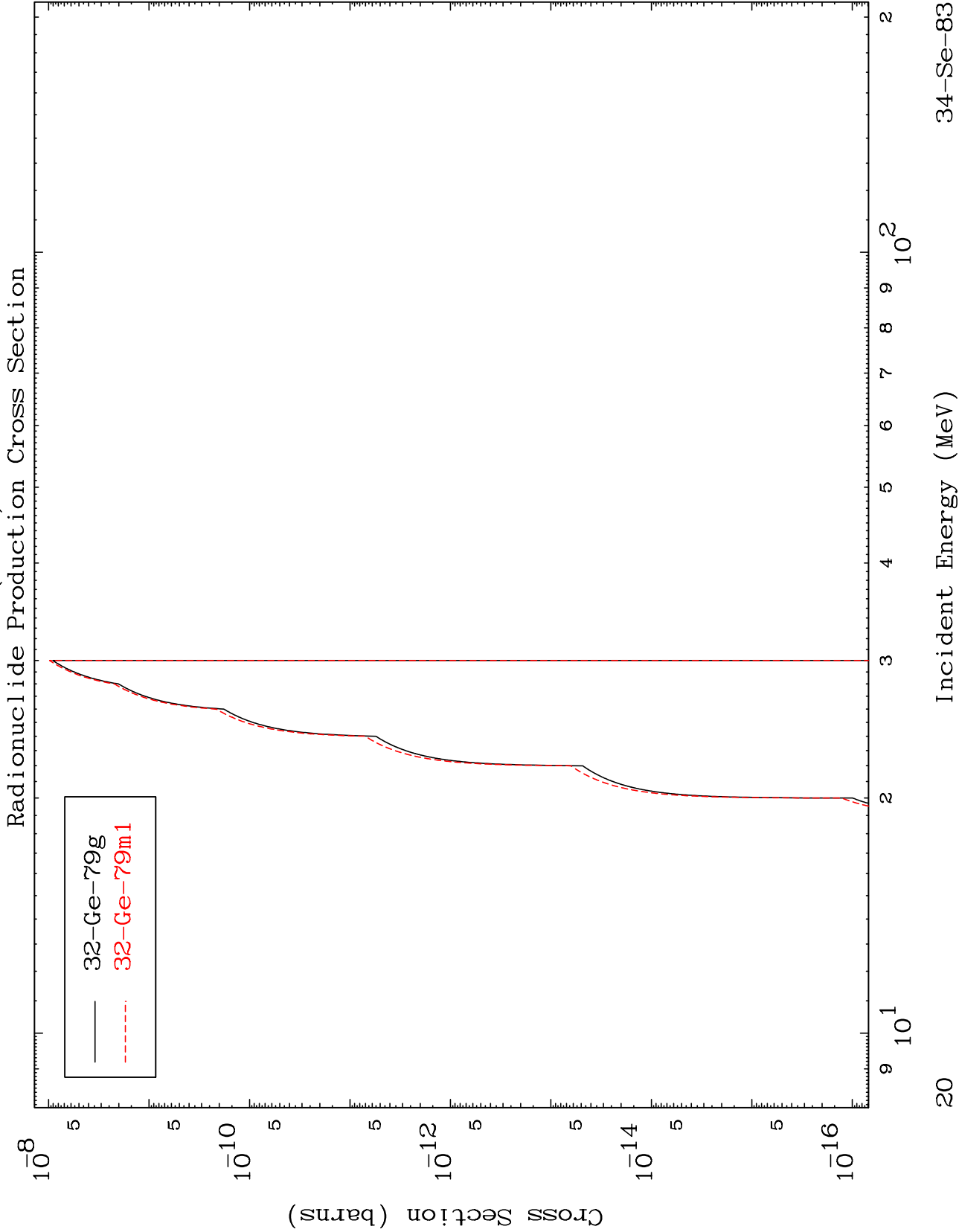
Radionuclide Production Cross Section



— 34-Se-83g
- - - 34-Se-83m1

MAT 3453

34-^{Se}-83

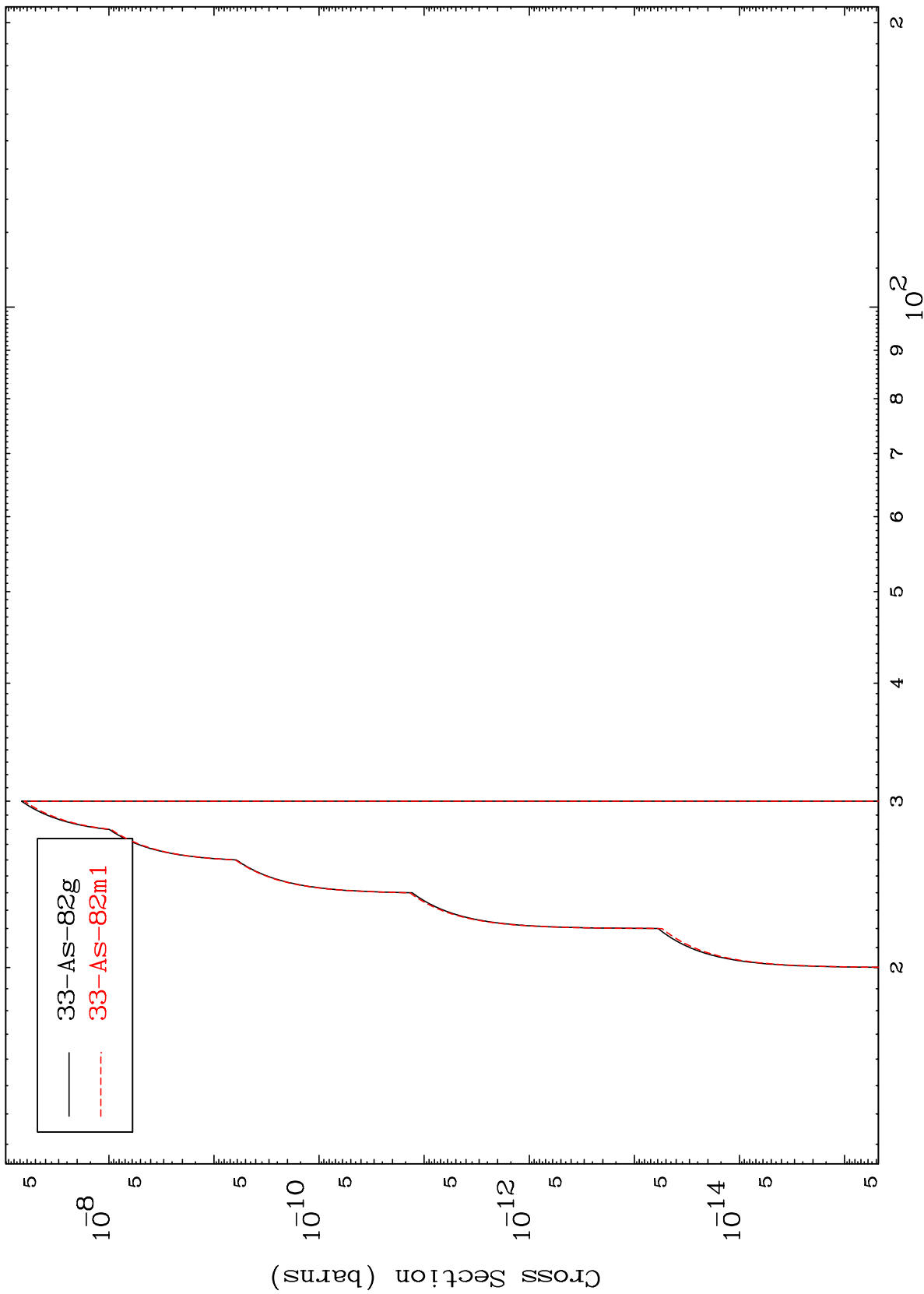


MAT 3453

(α, p) α

³⁴Se-83

Radionuclide Production Cross Section



Radionuclide Production Cross Section

