

Program EVALPLOT
(Version 2018-1)

by

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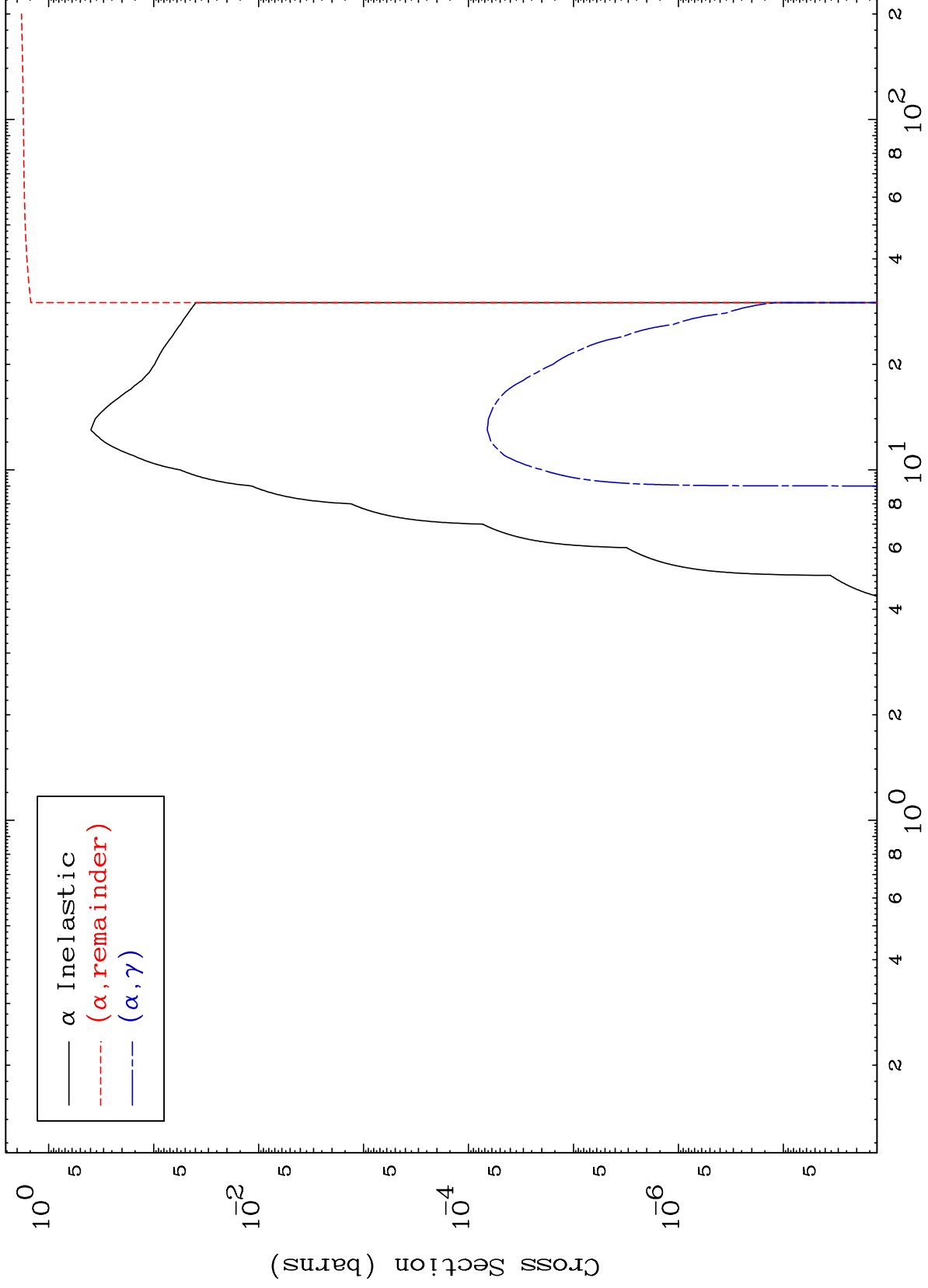
Press Mouse Button to Start

MAT 3441

α Major

$^{34}\text{Se-79}$

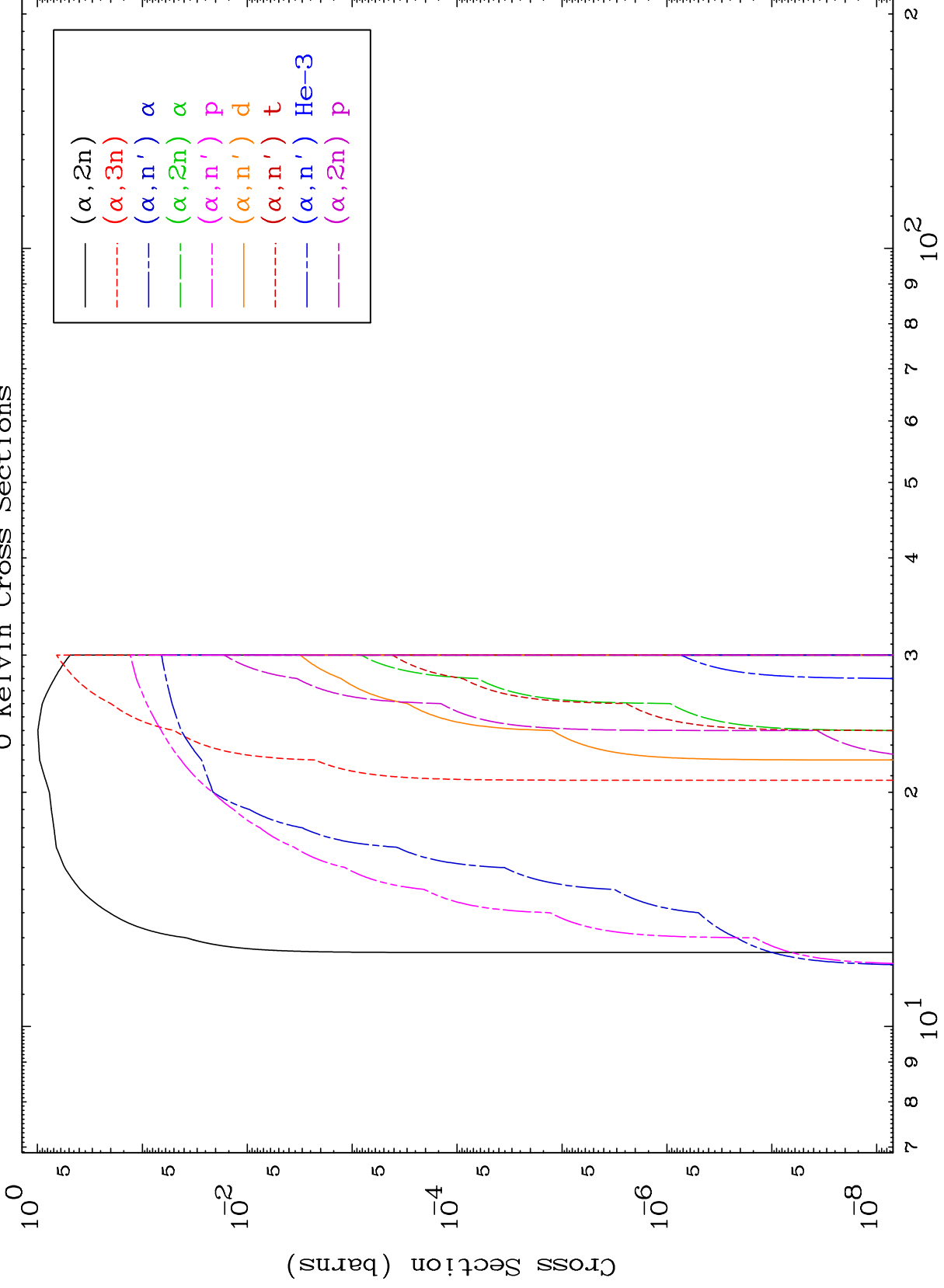
0 Kelvin Cross Sections



MAT 3441

α Neutron Production
0 Kelvin Cross Sections

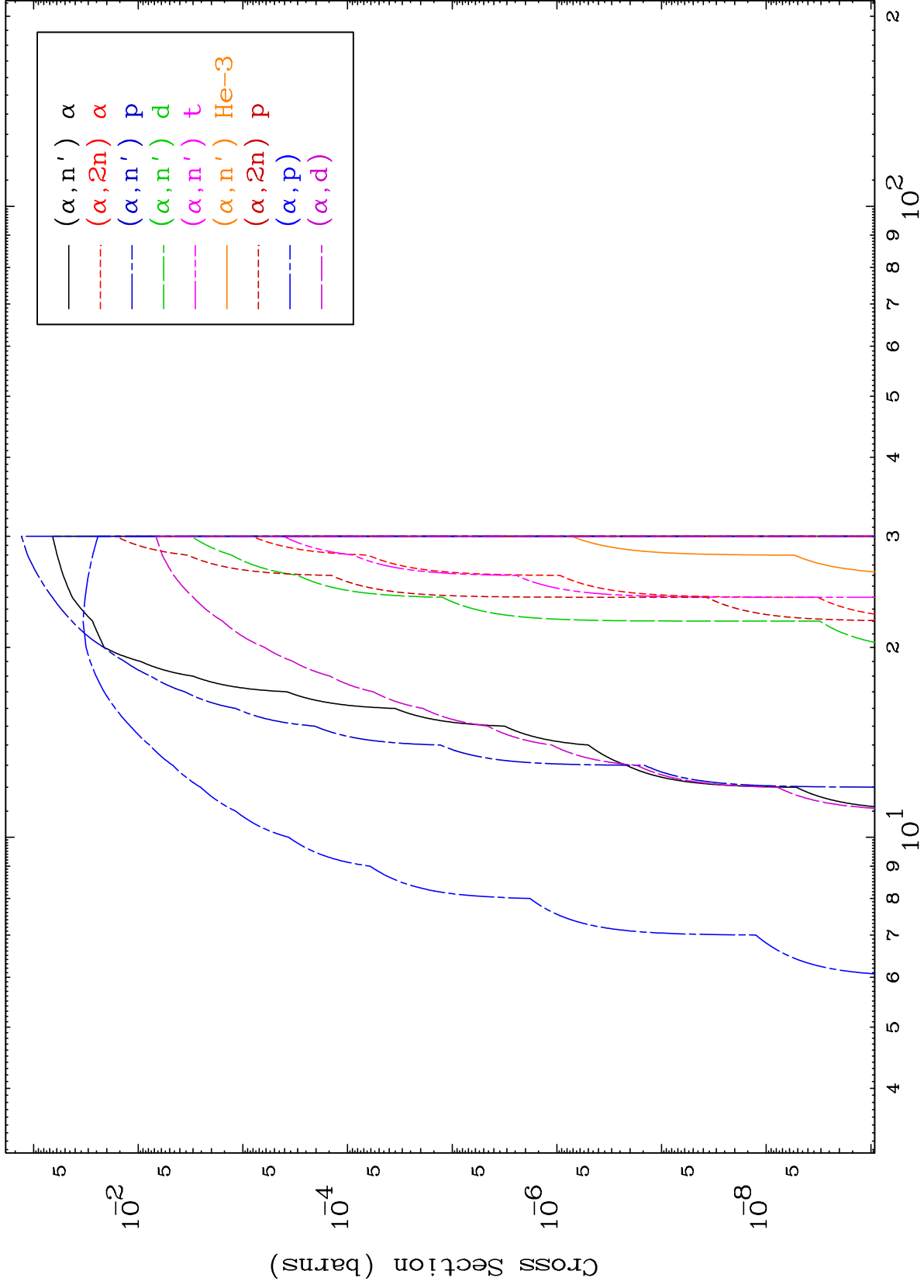
34-Se-79



2

Incident Energy (MeV)

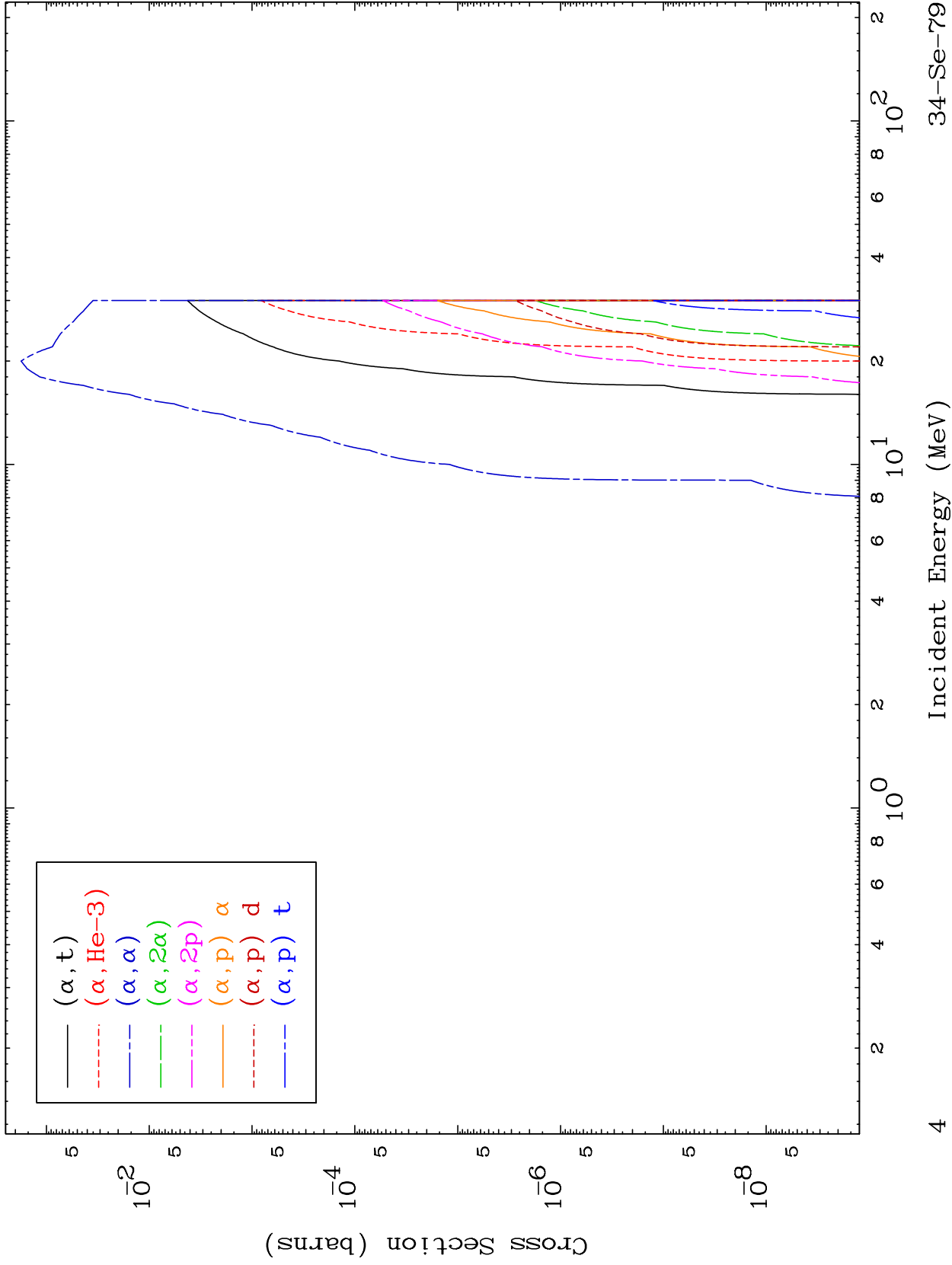
34-Se-79



MAT 3441

α Charged Particle
0 Kelvin Cross Sections

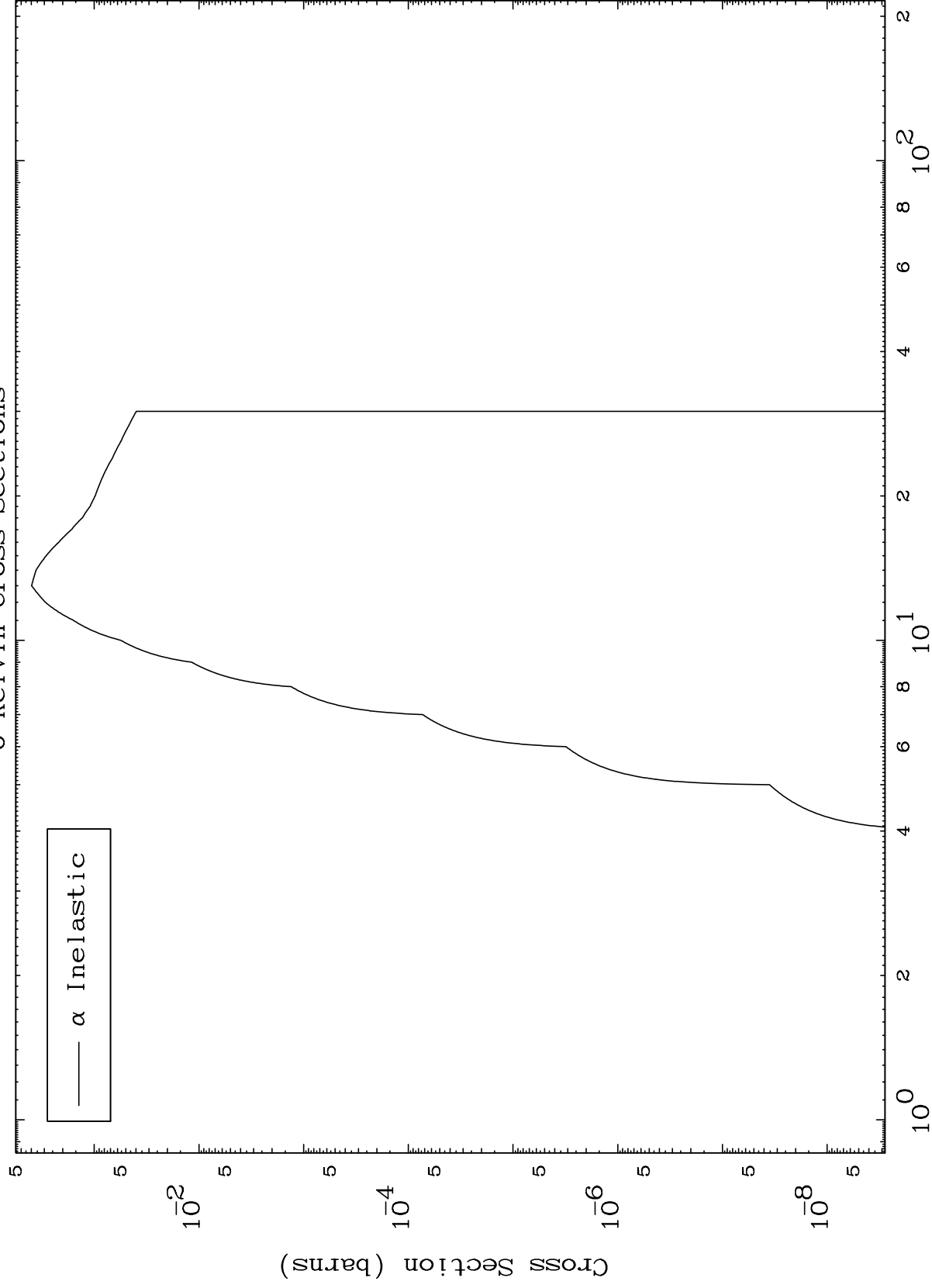
³⁴Se-79



MAT 3441

34-Se-79

(α, n') Level
0 Kelvin Cross Sections



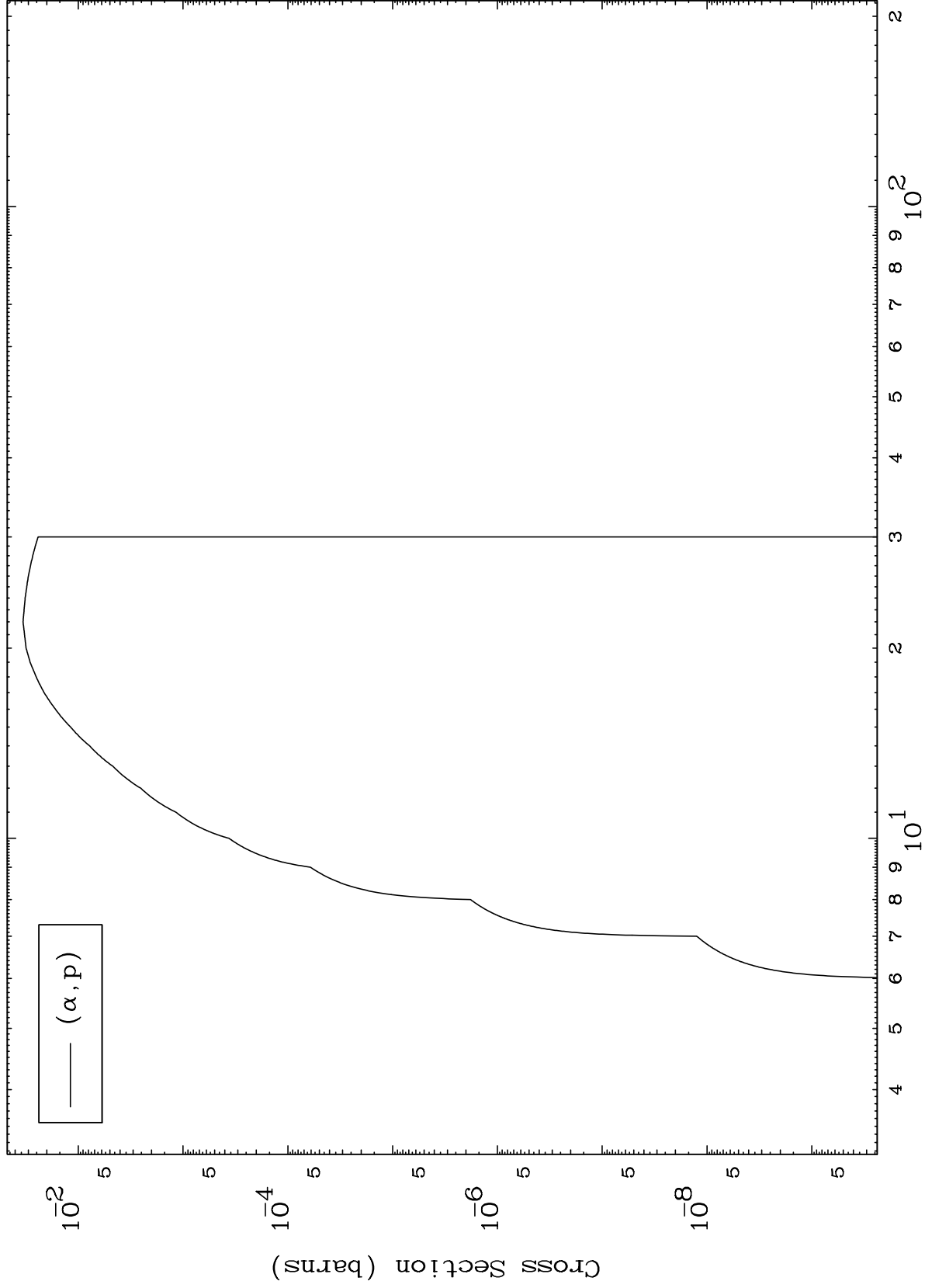
Incident Energy (MeV)

34-Se-79

MAT 3441

(α, p) Levels
0 Kelvin Cross Sections

$^{34}\text{Se-79}$



6

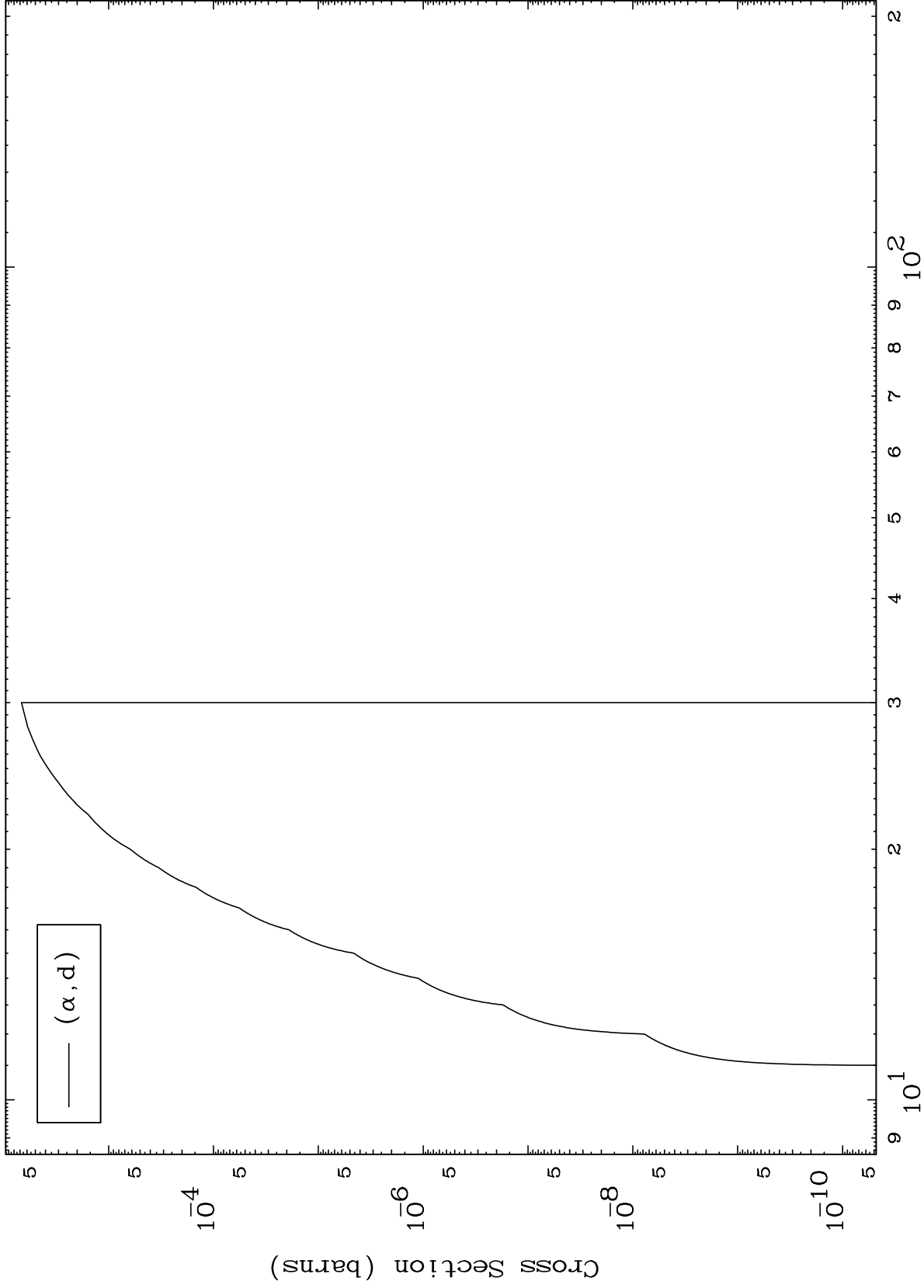
Incident Energy (MeV)

$^{34}\text{Se-79}$

MAT 3441

(α, d) Levels
0 Kelvin Cross Sections

$^{34}\text{Se-79}$



Incident Energy (MeV)

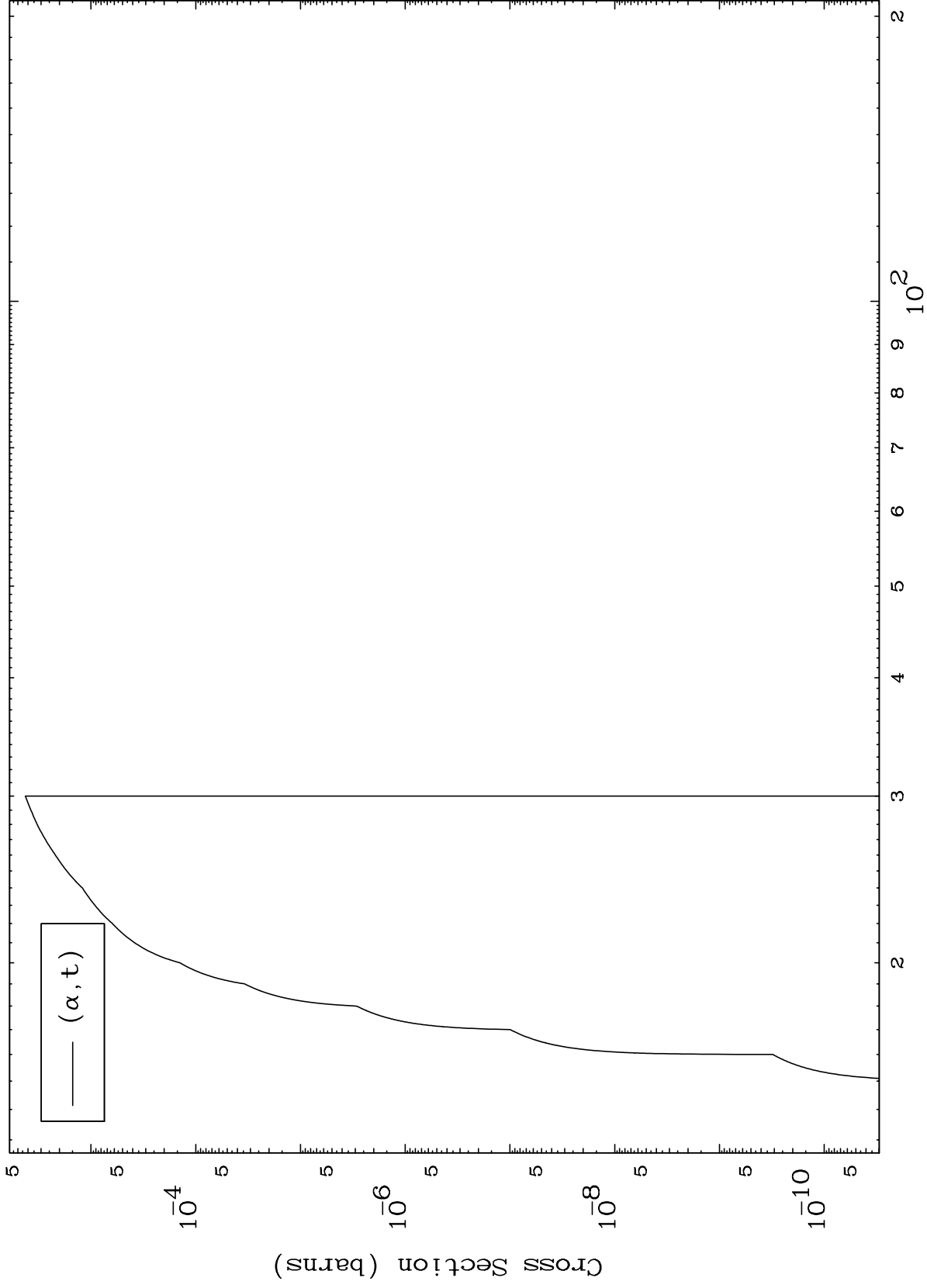
$^{34}\text{Se-79}$

7

MAT 3441

(α, t) Levels
0 Kelvin Cross Sections

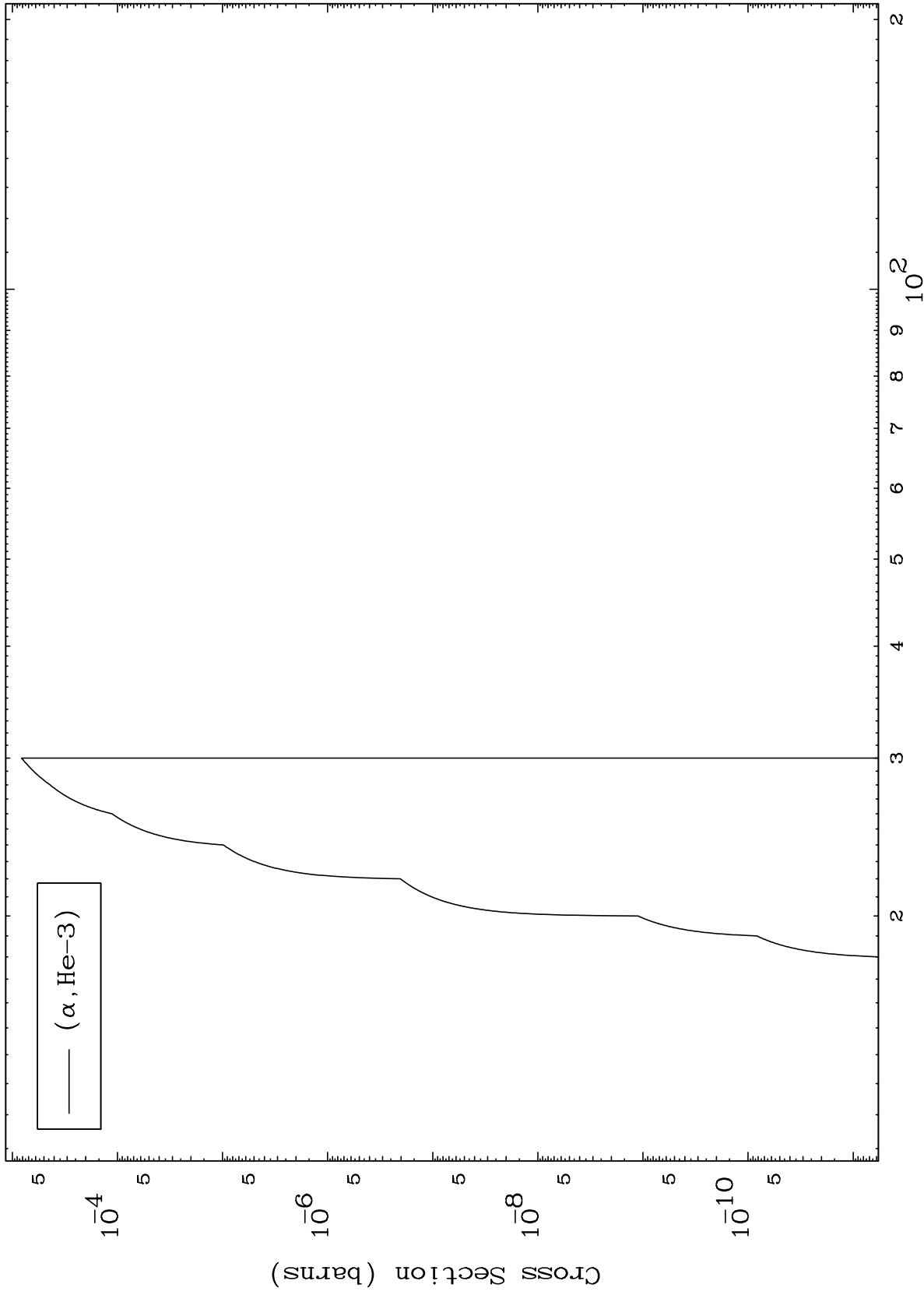
³⁴Se-79



8

Incident Energy (MeV)

³⁴Se-79

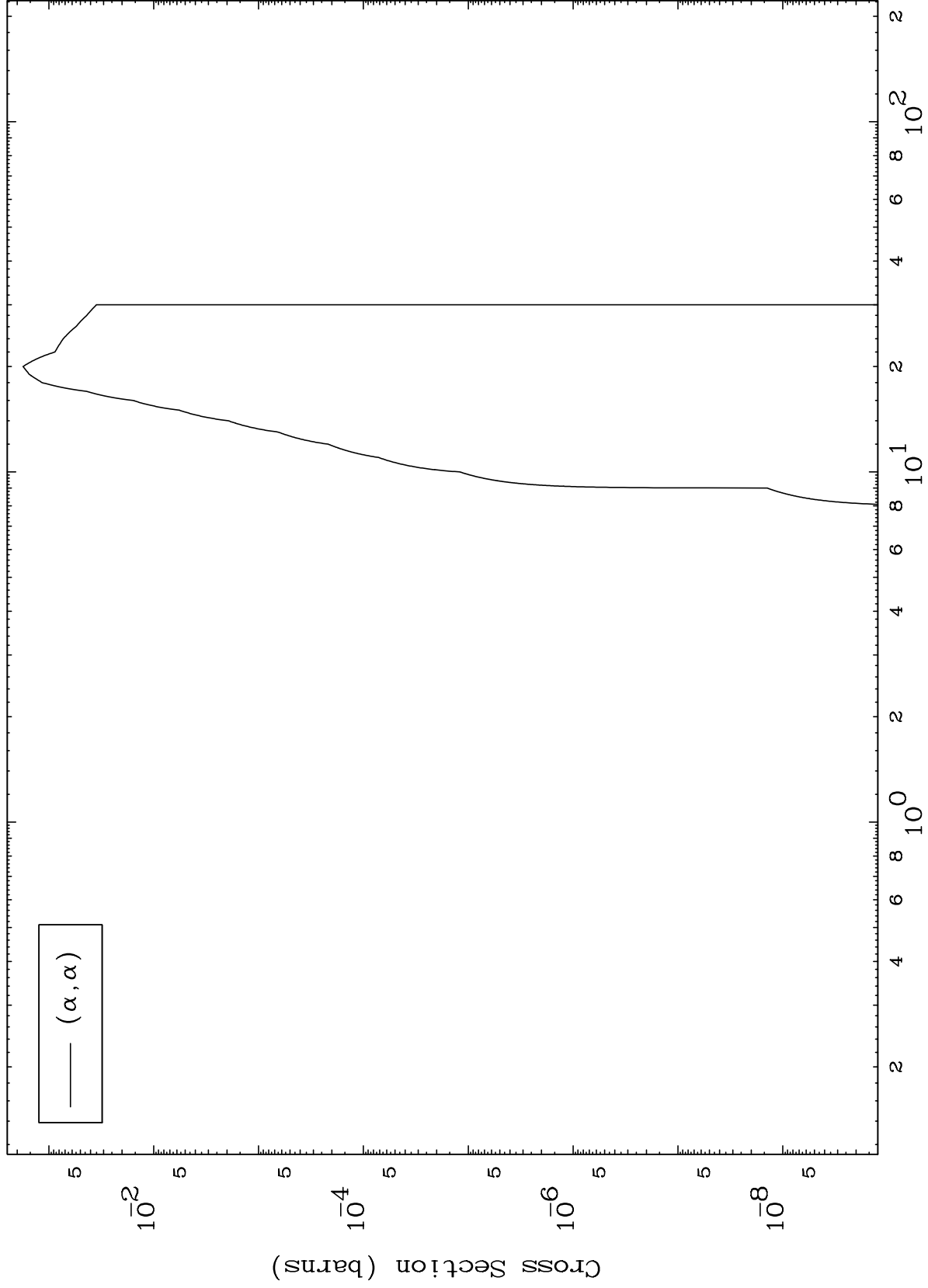


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(α, α) Levels

$^{34}\text{Se-79}$

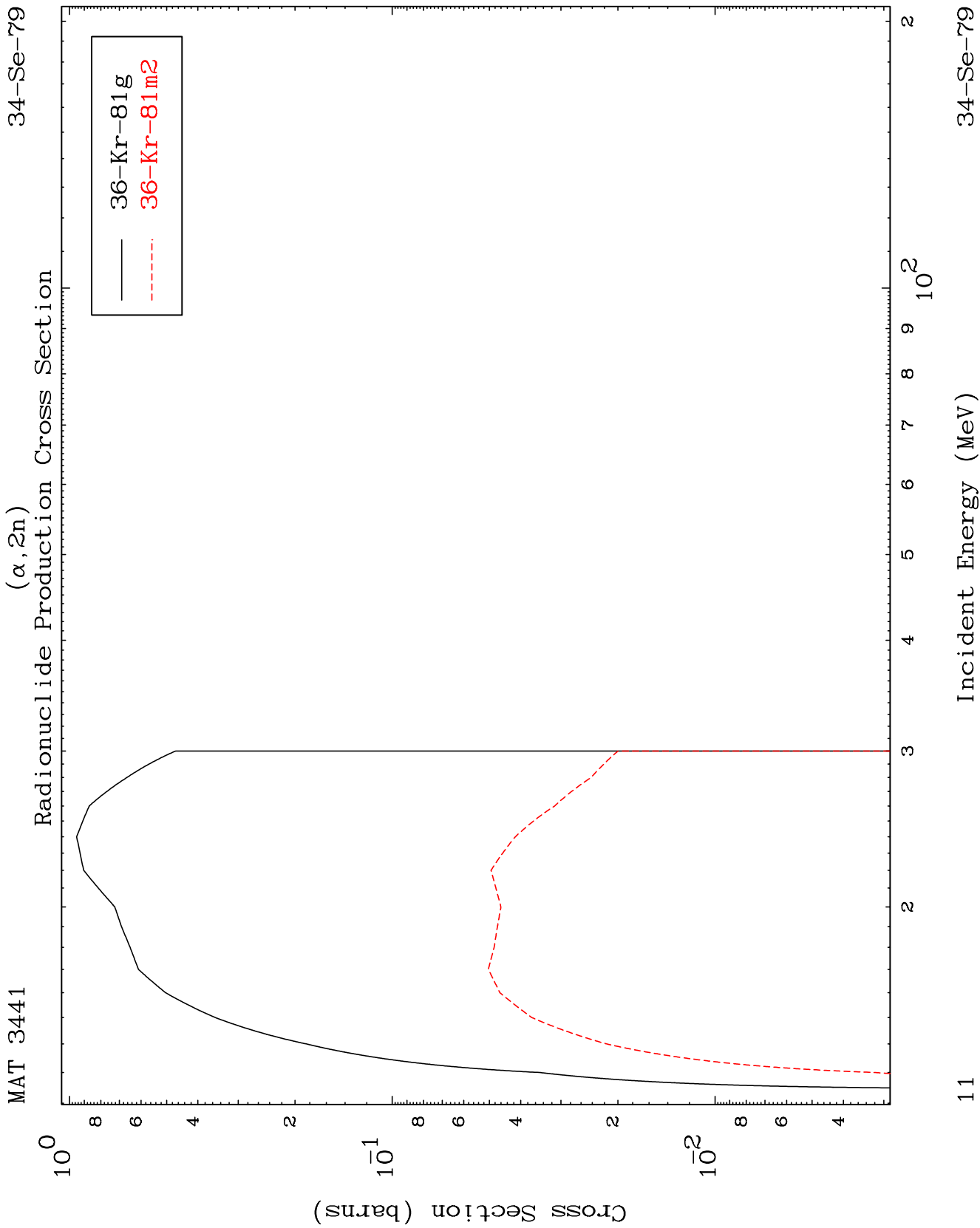
0 Kelvin Cross Sections



10

Incident Energy (MeV)

$^{34}\text{Se-79}$

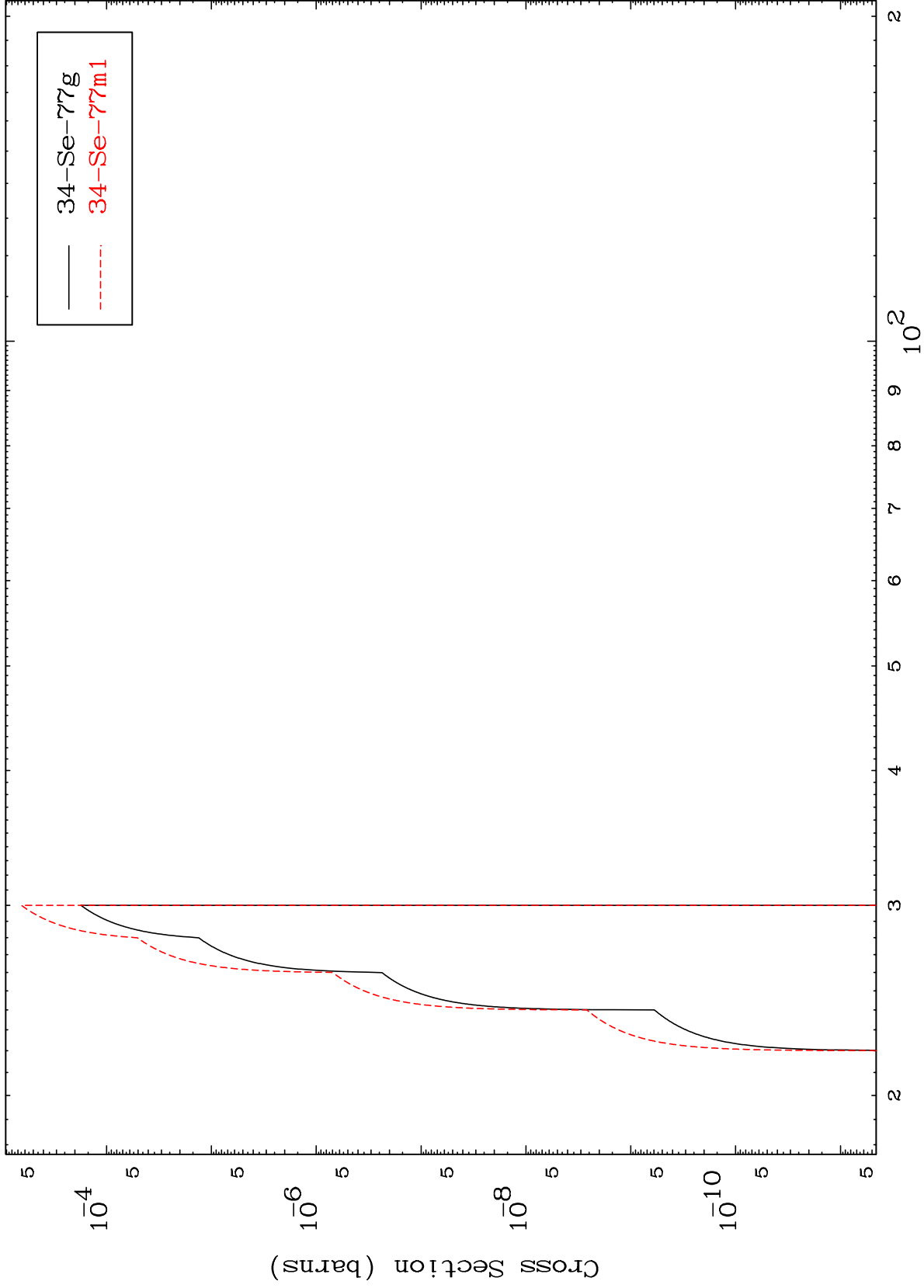


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$(\alpha, 2n)$ α

$^{34}\text{Se-79}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

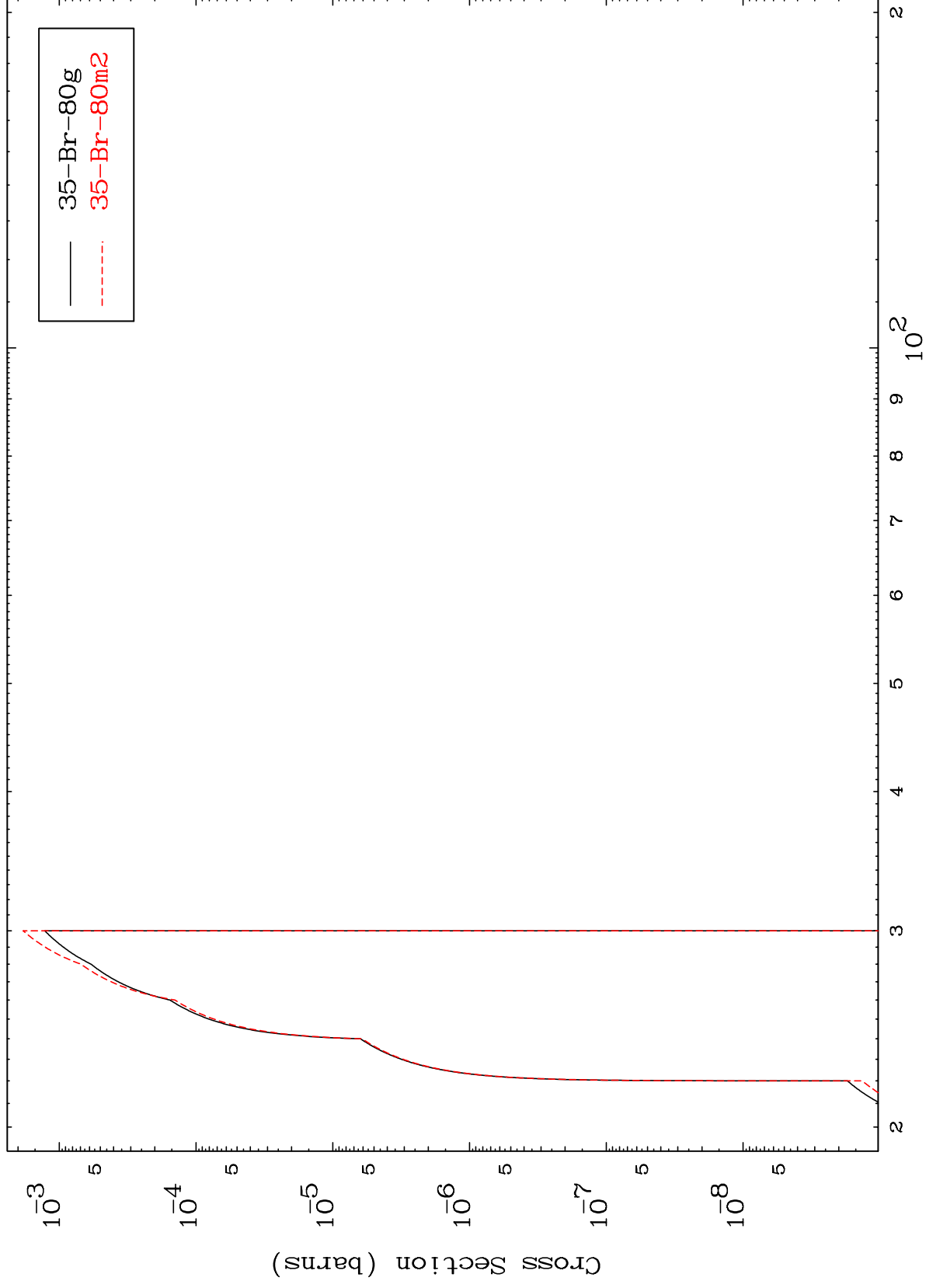
$^{34}\text{Se-79}$

MAT 3441

(α, n') d

³⁴Se-79

Radionuclide Production Cross Section



13

Incident Energy (MeV)

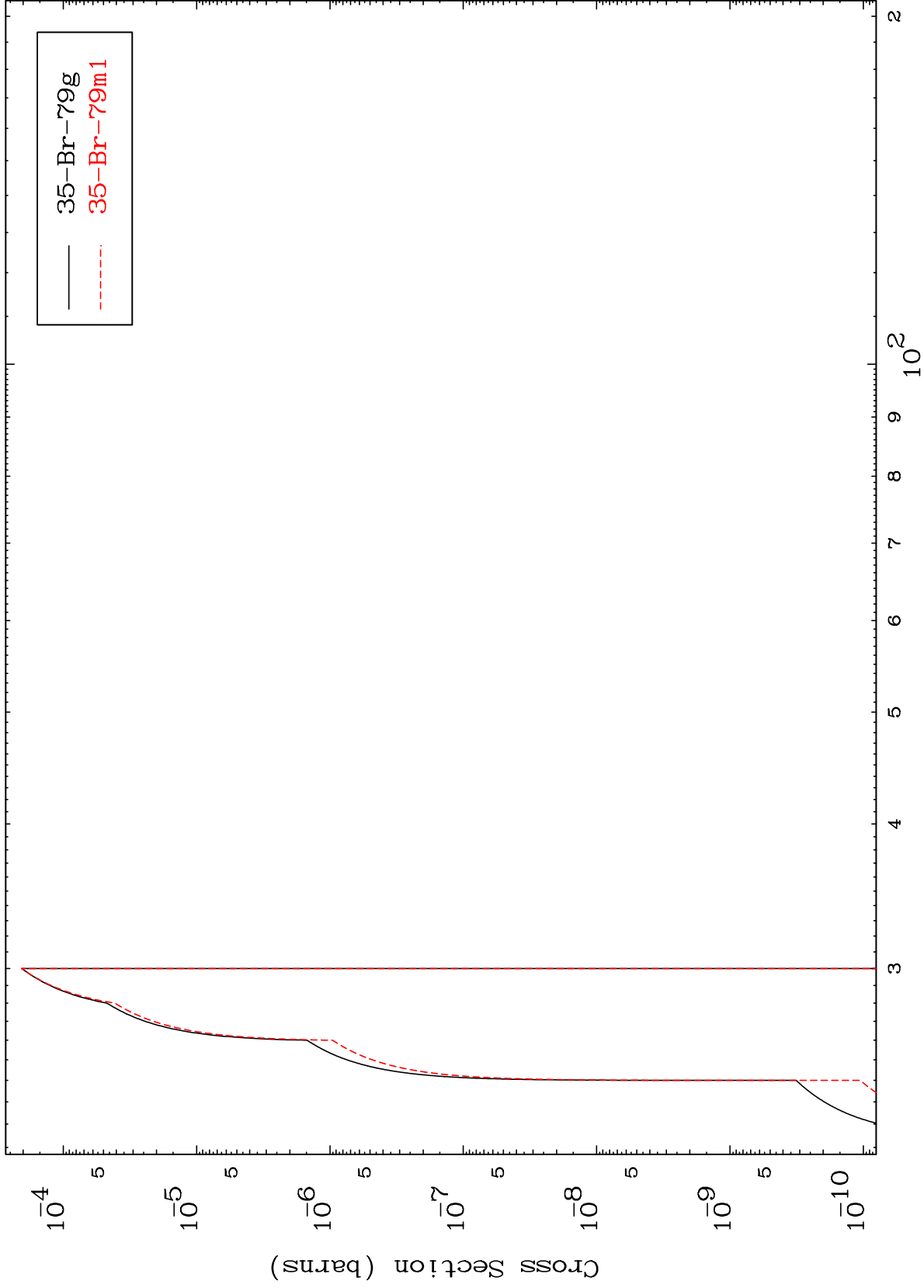
³⁴Se-79

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(α, n') t

$^{34}\text{Se-79}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

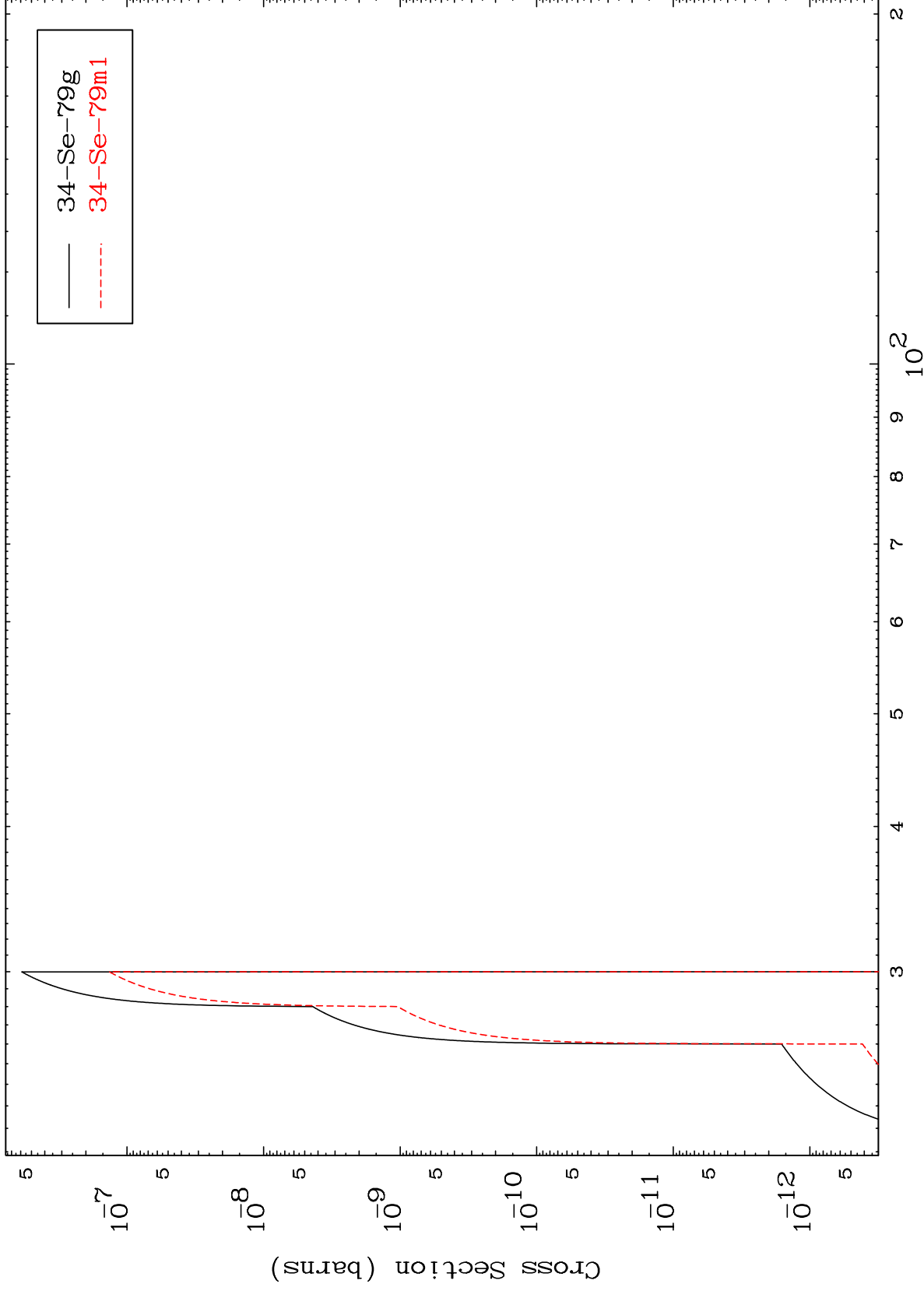
$^{34}\text{Se-79}$

MAT 3441

(α, n') He-3

³⁴Se-79

Radionuclide Production Cross Section



15

Incident Energy (MeV)

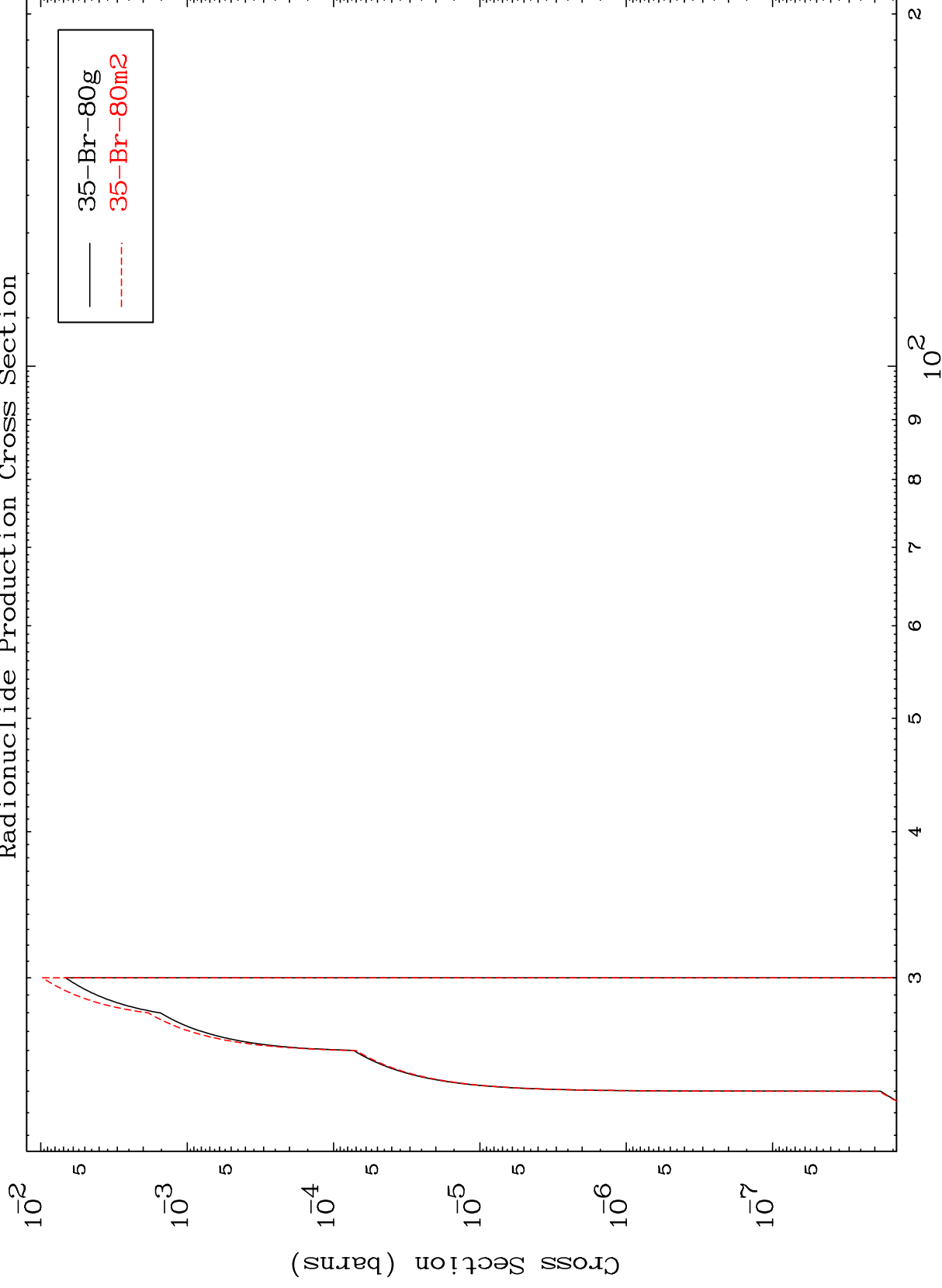
³⁴Se-79

MAT 3441

$(\alpha, 2n)$ p

$^{34}\text{Se-79}$

Radionuclide Production Cross Section



16

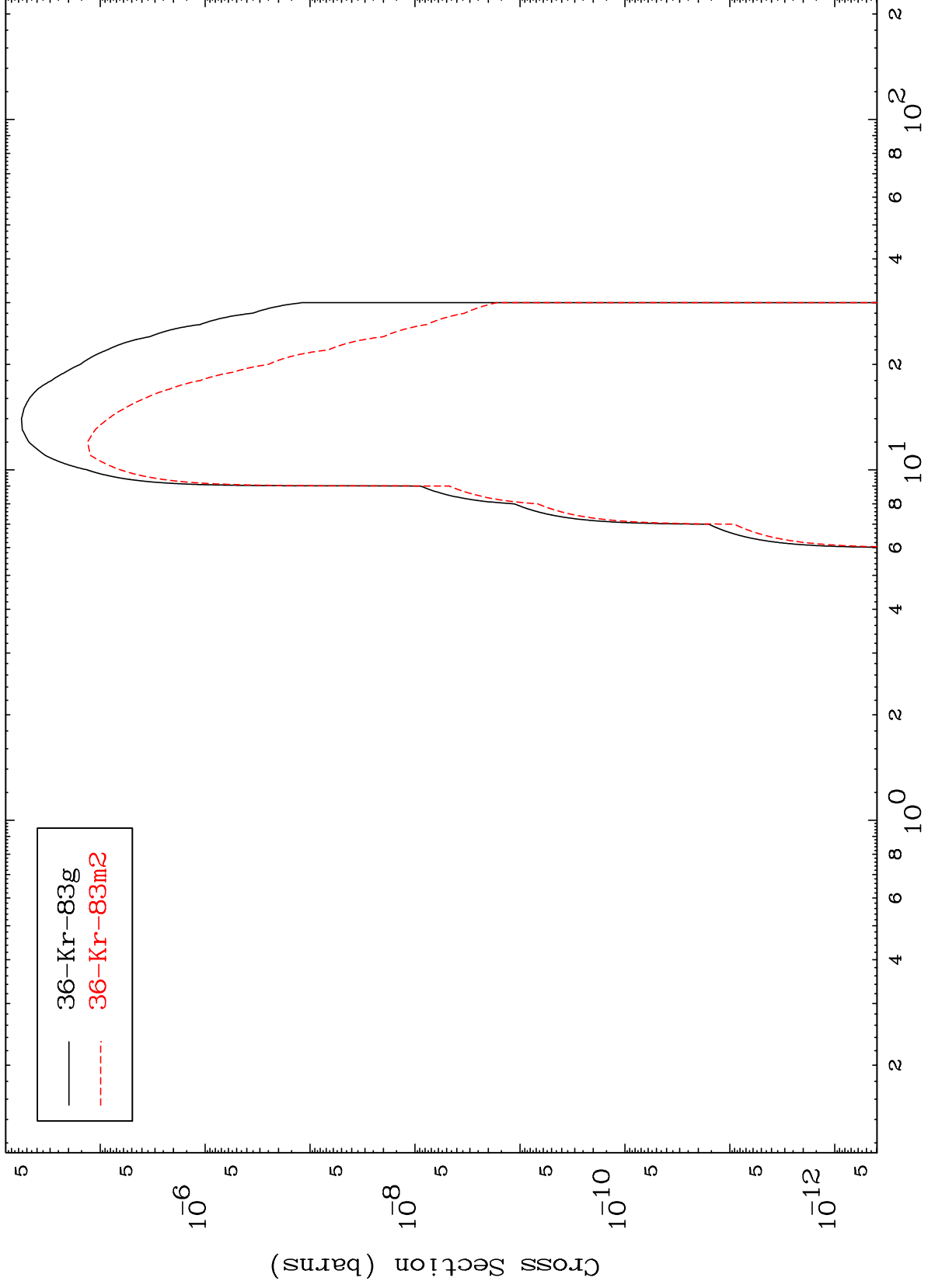
Incident Energy (MeV)

$^{34}\text{Se-79}$

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³⁴Se-79

(α, γ)
Radionuclide Production Cross Section



³⁴Se-79

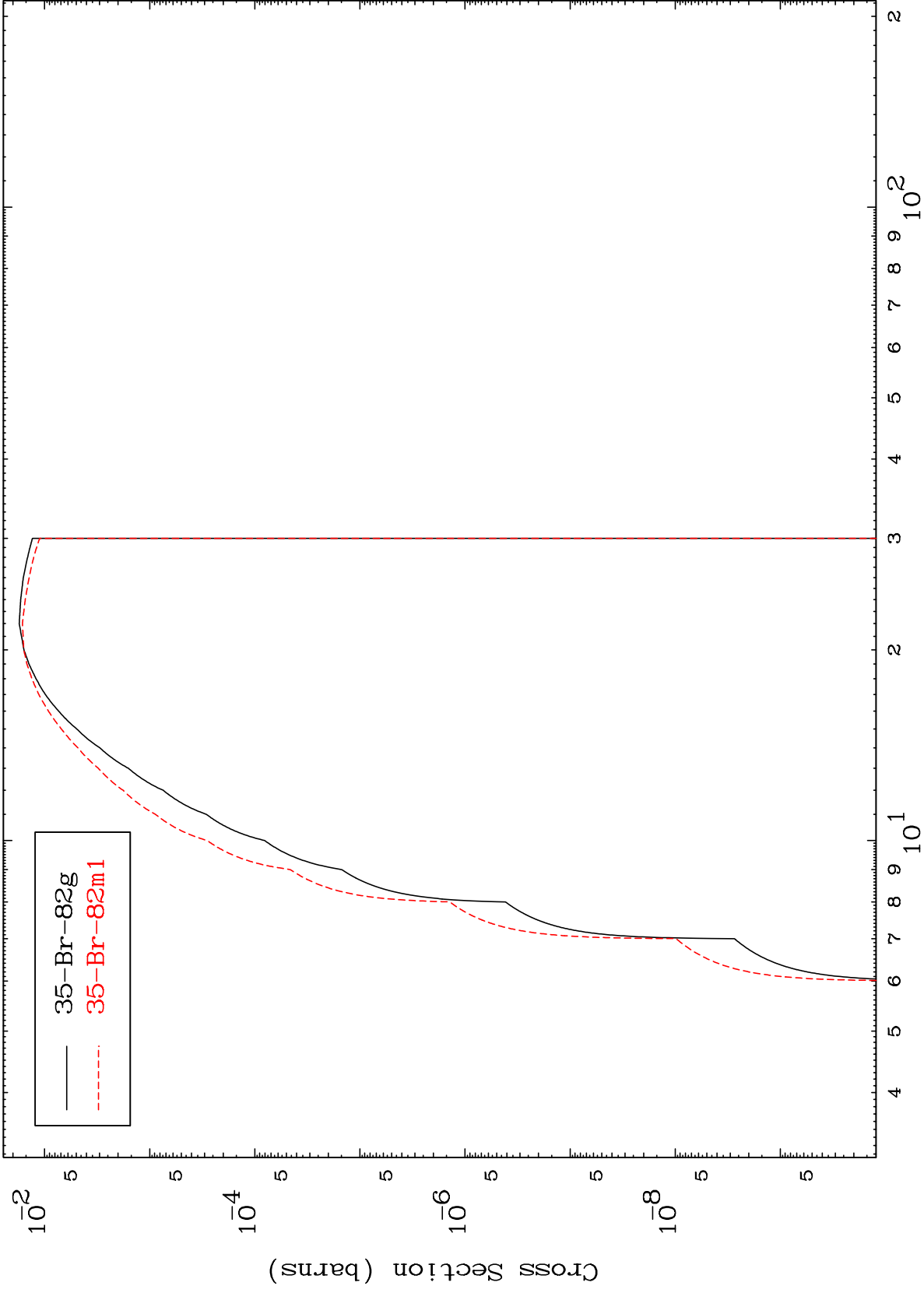
Incident Energy (MeV)

17

MAT 3441

³⁴Se-79

(α, p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

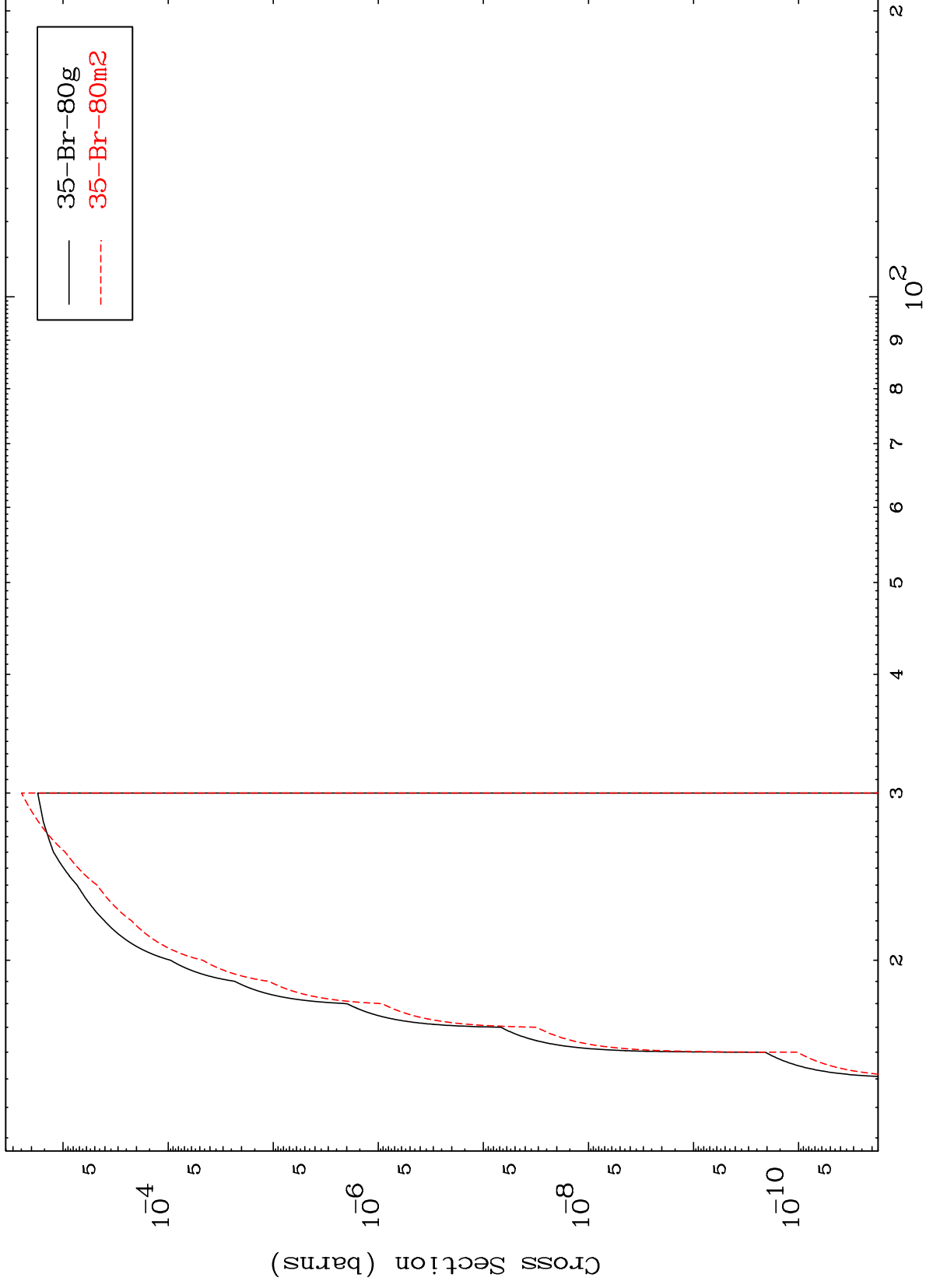
³⁴Se-79

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(α, t)

³⁴Se-79

Radionuclide Production Cross Section



19

Incident Energy (MeV)

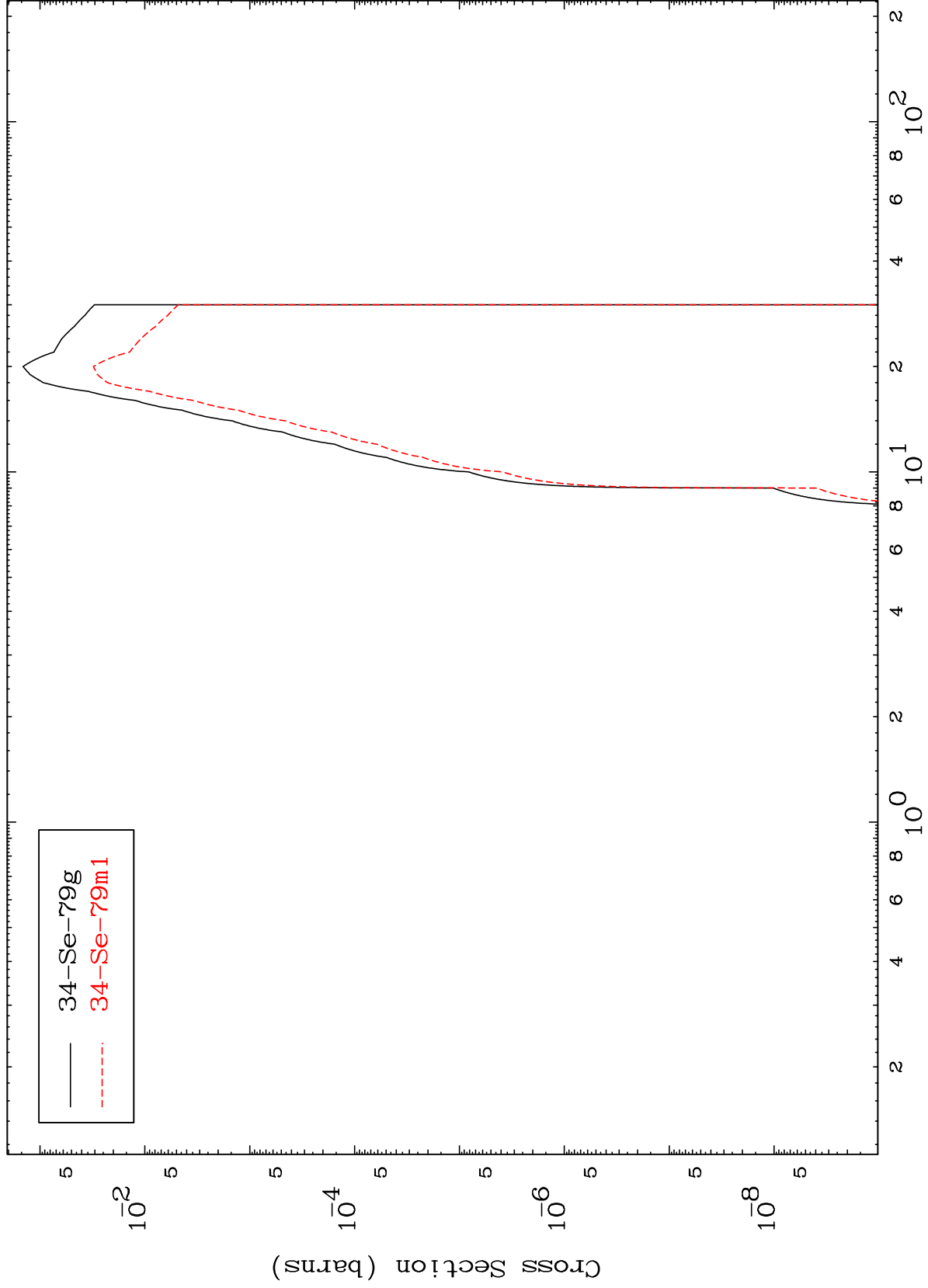
³⁴Se-79

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(α, α)

$^{34}\text{Se-79}$

Radionuclide Production Cross Section



20

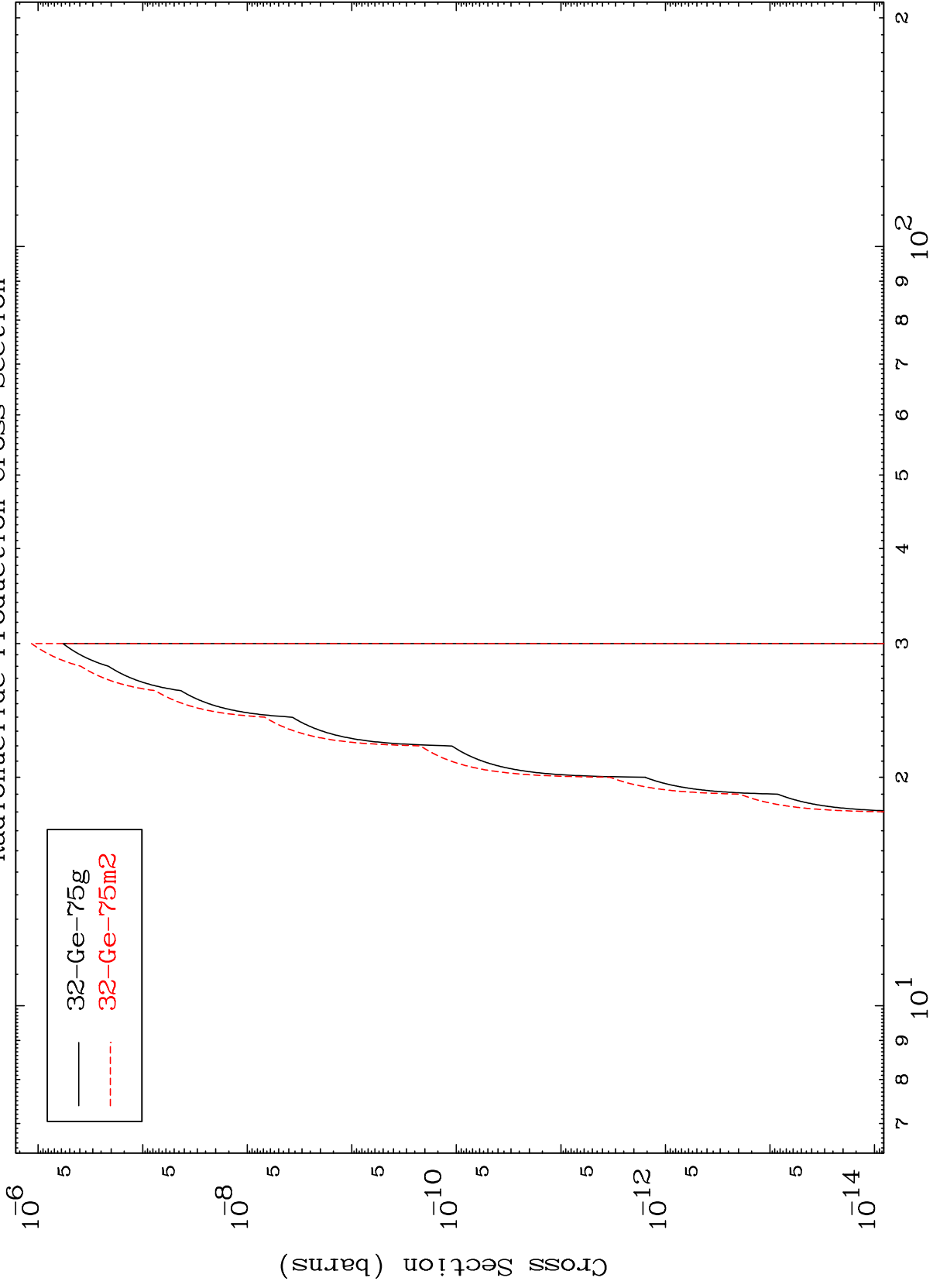
Incident Energy (MeV)

$^{34}\text{Se-79}$

MAT 3441

³⁴Se-79

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



21

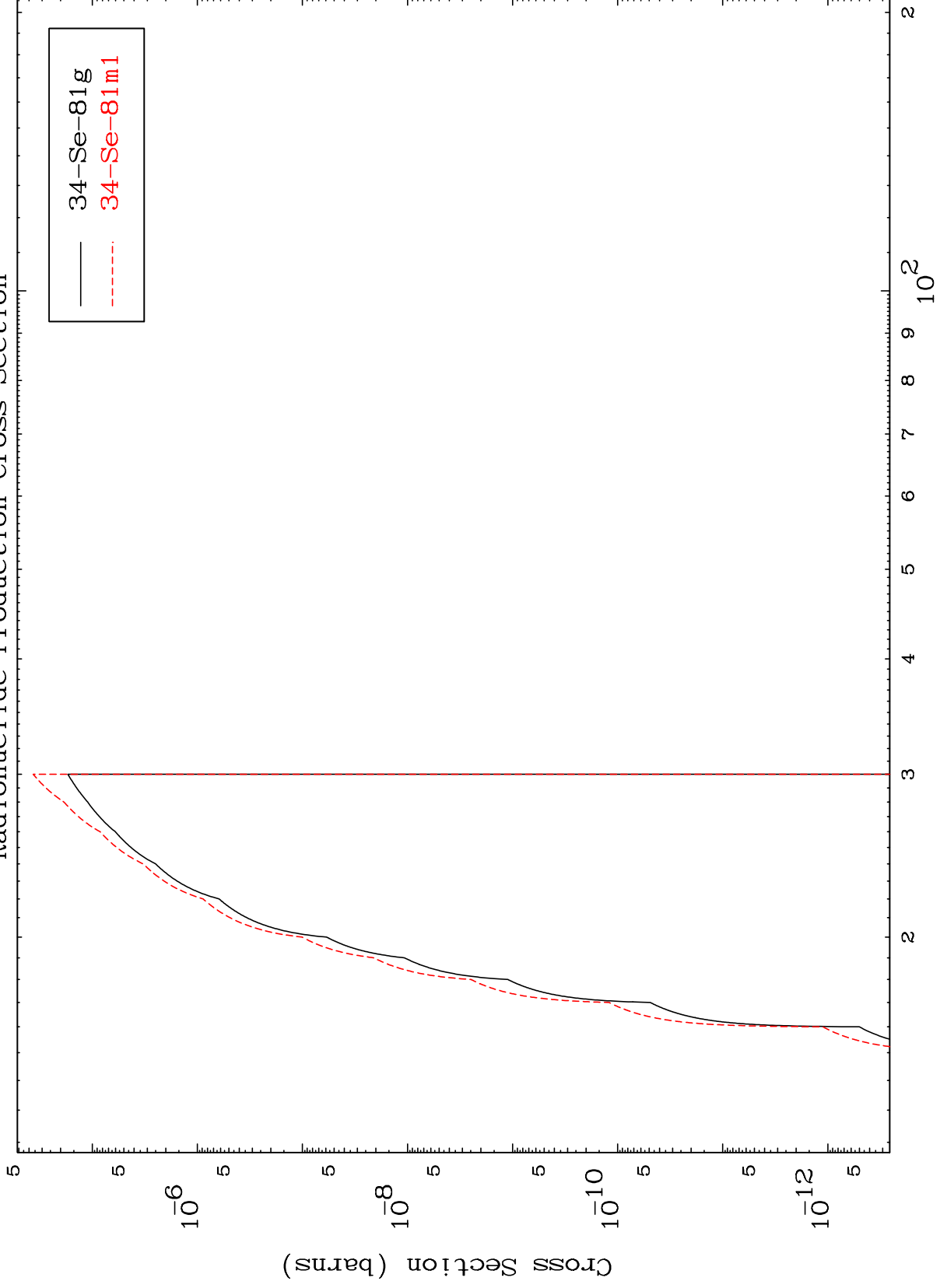
Incident Energy (MeV)

³⁴Se-79

MAT 3441

³⁴Se-79

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



22

Incident Energy (MeV)

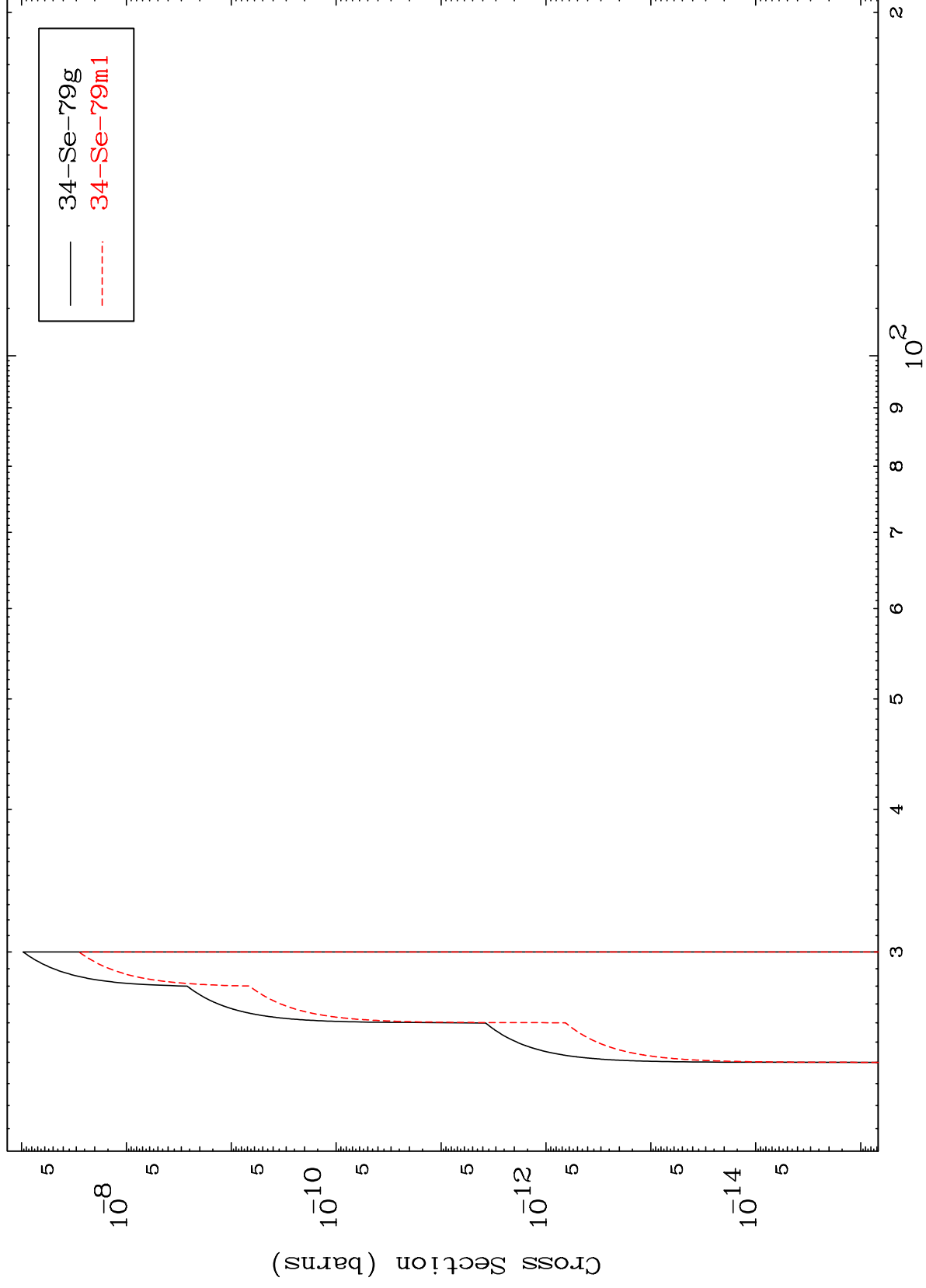
³⁴Se-79

MAT 3441

(α, p) t

$^{34}\text{Se-79}$

Radionuclide Production Cross Section



23

Incident Energy (MeV)

$^{34}\text{Se-79}$