

Program EVALPLOT
(Version 2018-1)

by

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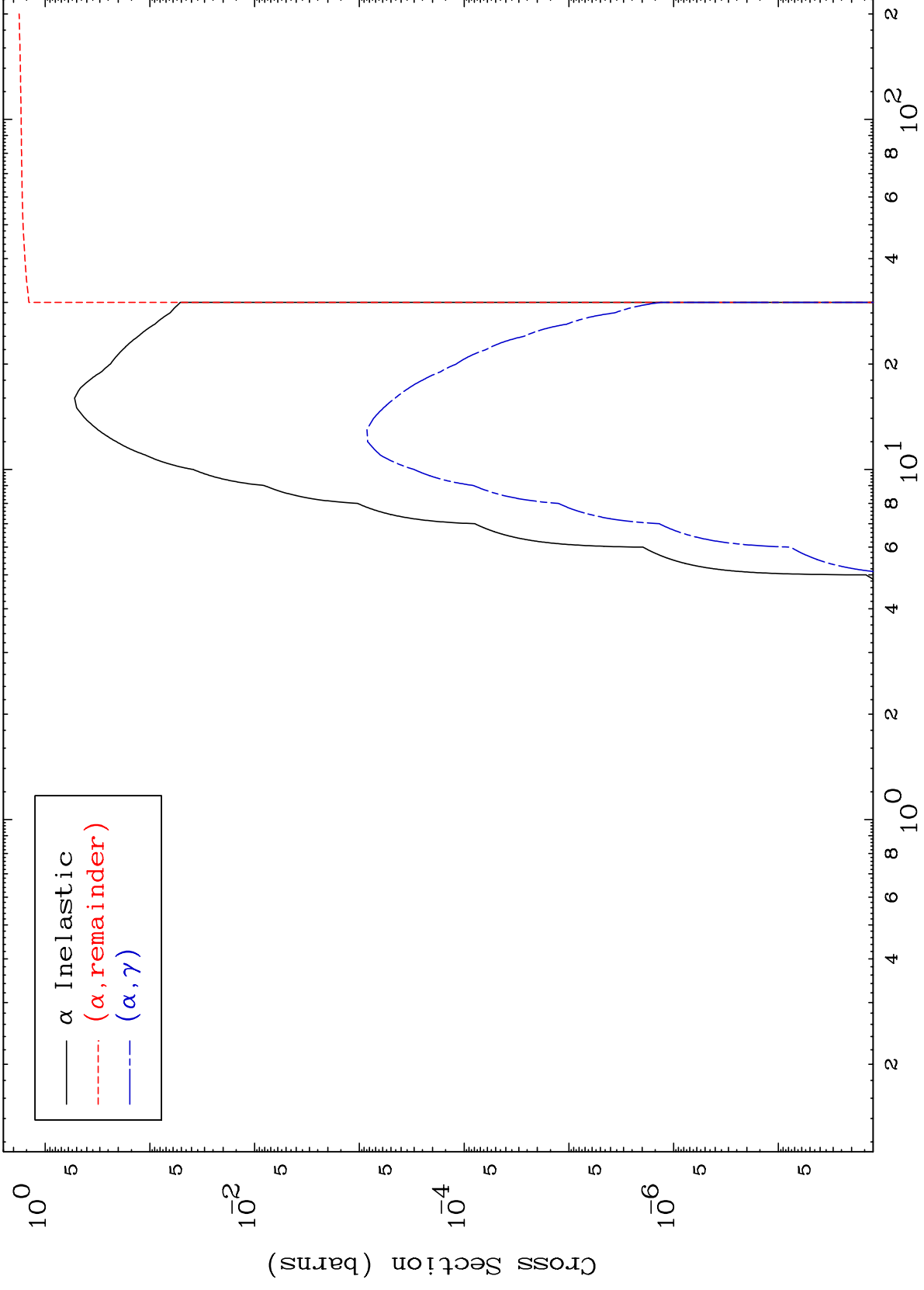
Press Mouse Button to Start

MAT 3428

α Major

$^{34}\text{Se-75}$

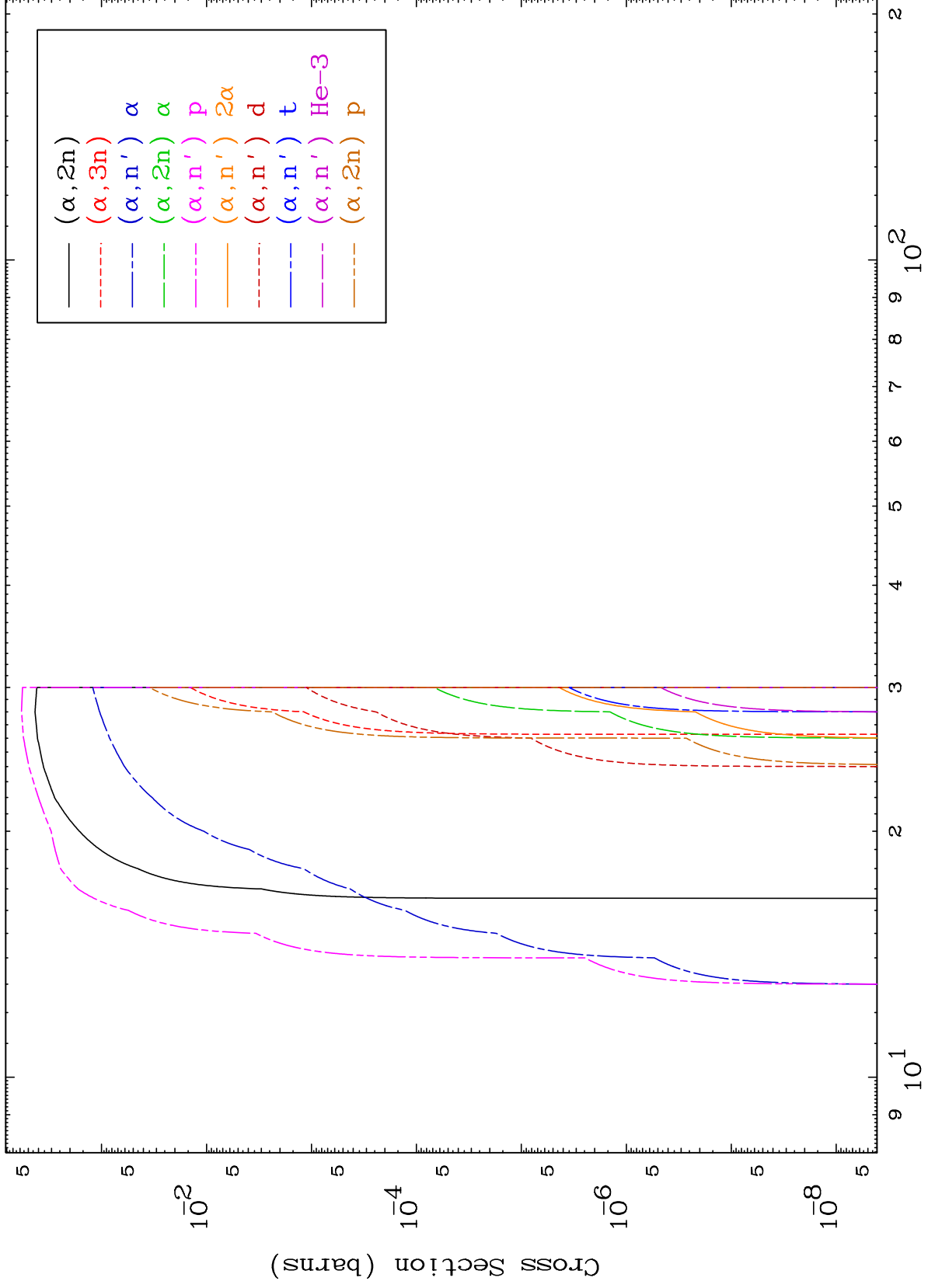
0 Kelvin Cross Sections



MAT 3428

α Neutron Production
0 Kelvin Cross Sections

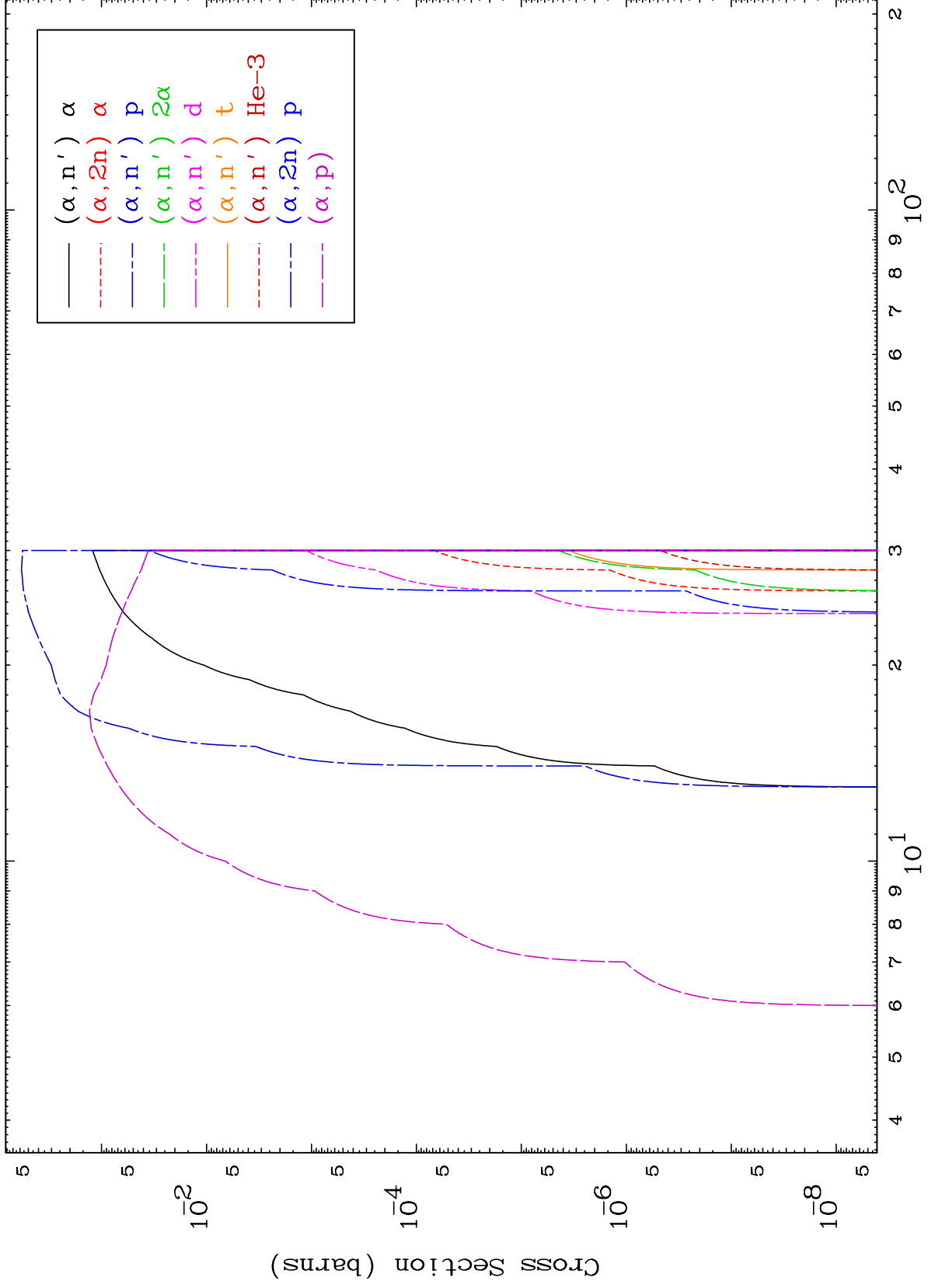
$^{34}\text{Se-75}$



2

Incident Energy (MeV)

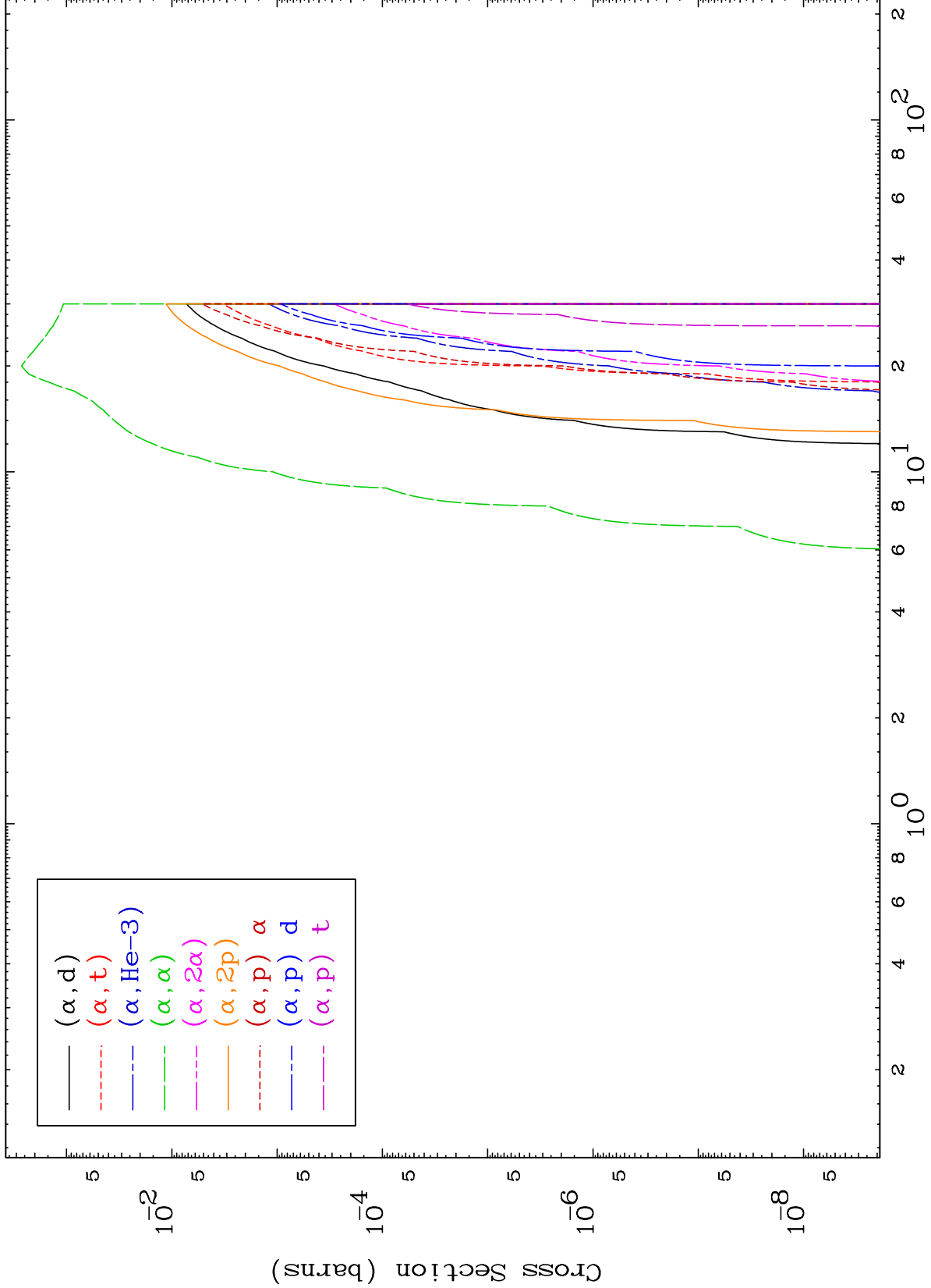
$^{34}\text{Se-75}$



MAT 3428

α Charged Particle
0 Kelvin Cross Sections

³⁴Se-75



Incident Energy (MeV)

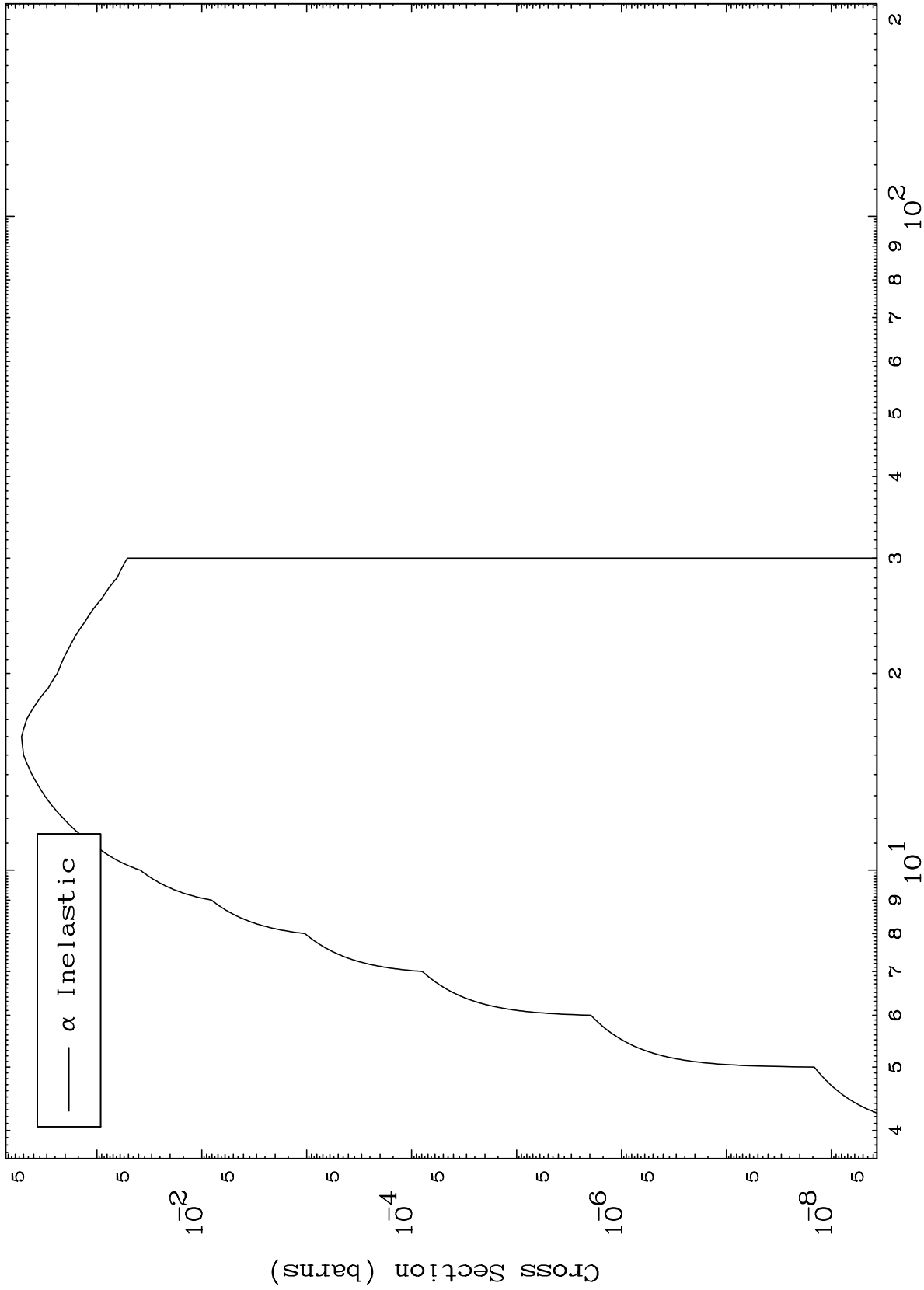
³⁴Se-75

MAT 3428

(α, n') Level

$^{34}\text{Se-75}$

0 Kelvin Cross Sections



Incident Energy (MeV)

$^{34}\text{Se-75}$

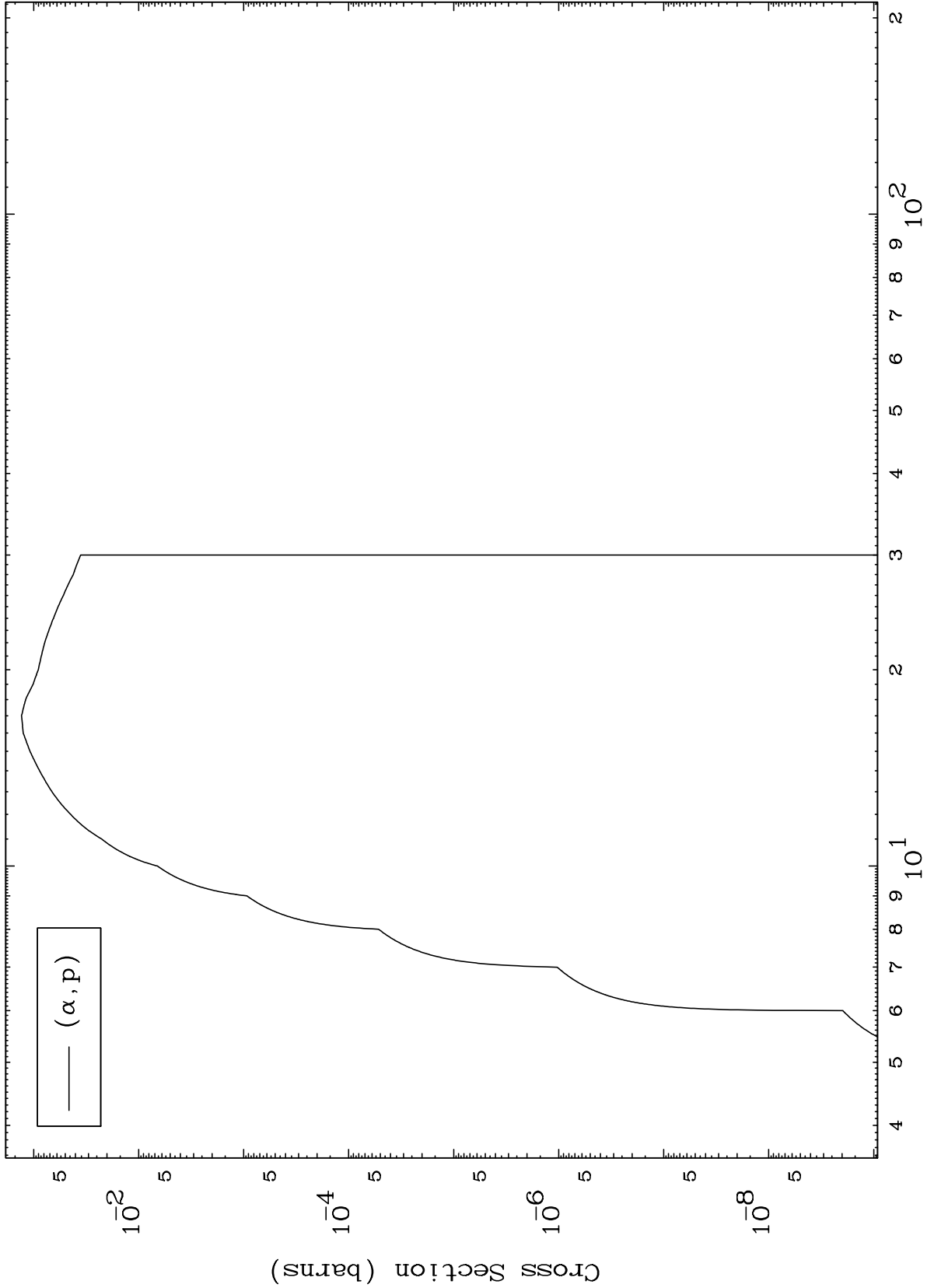
5

MAT 3428

(α, p) Levels

$^{34}\text{Se-75}$

0 Kelvin Cross Sections



6

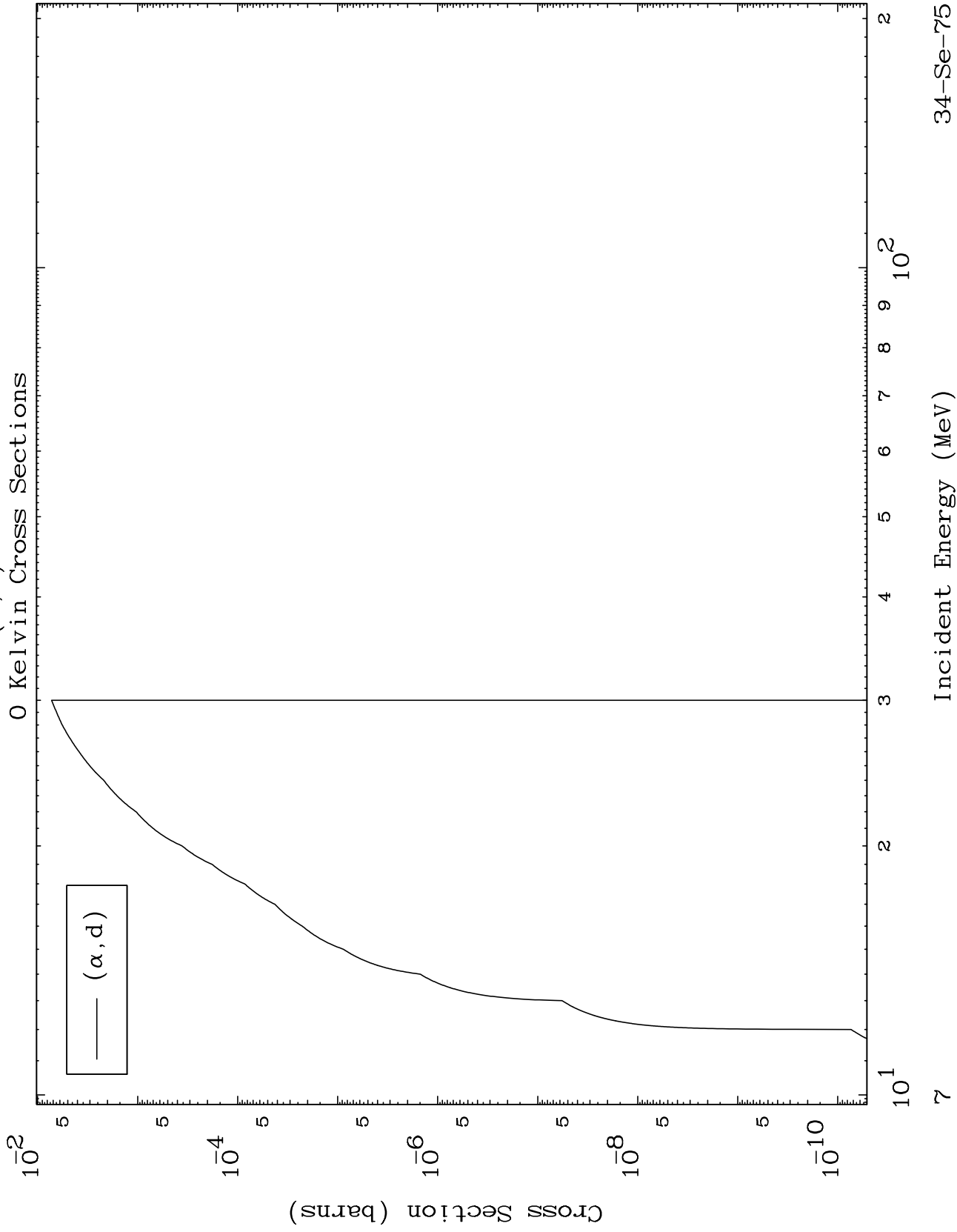
Incident Energy (MeV)

$^{34}\text{Se-75}$

MAT 3428

(α, d) Levels

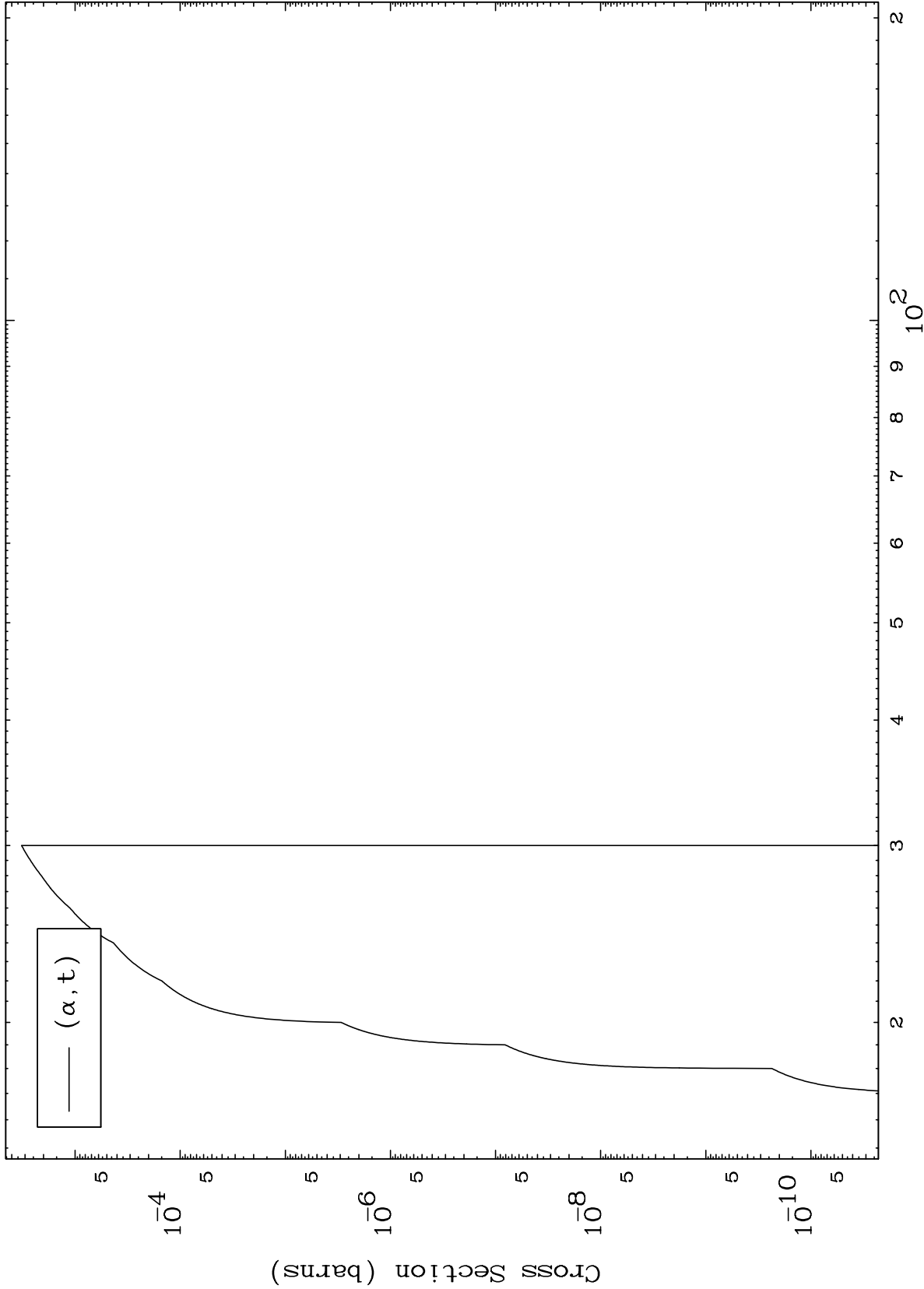
$^{34}\text{Se-75}$



MAT 3428

(α, t) Levels
0 Kelvin Cross Sections

³⁴Se-75



8

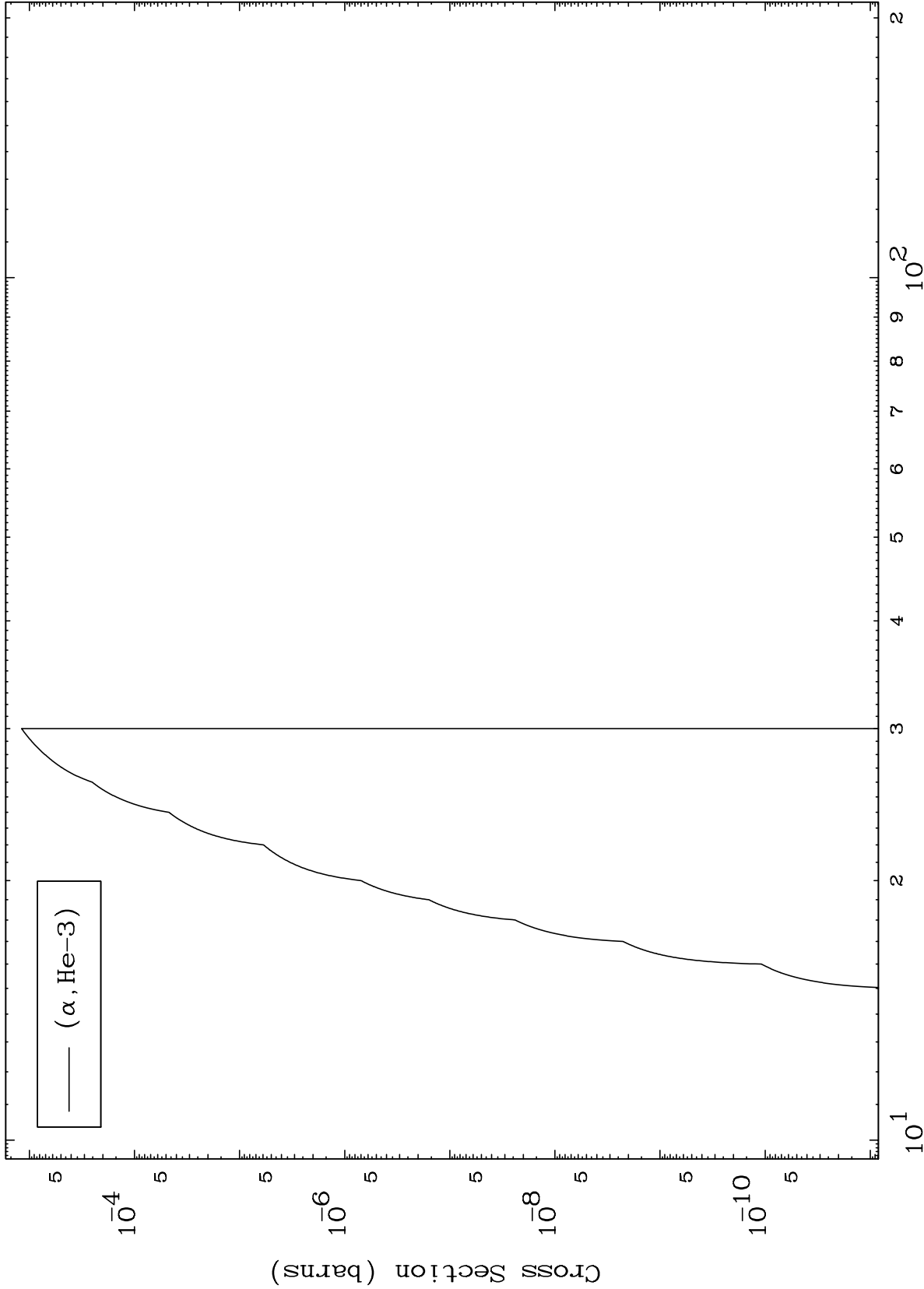
Incident Energy (MeV)

³⁴Se-75

MAT 3428

(α , He3) Levels
0 Kelvin Cross Sections

34-Se-75



Incident Energy (MeV)

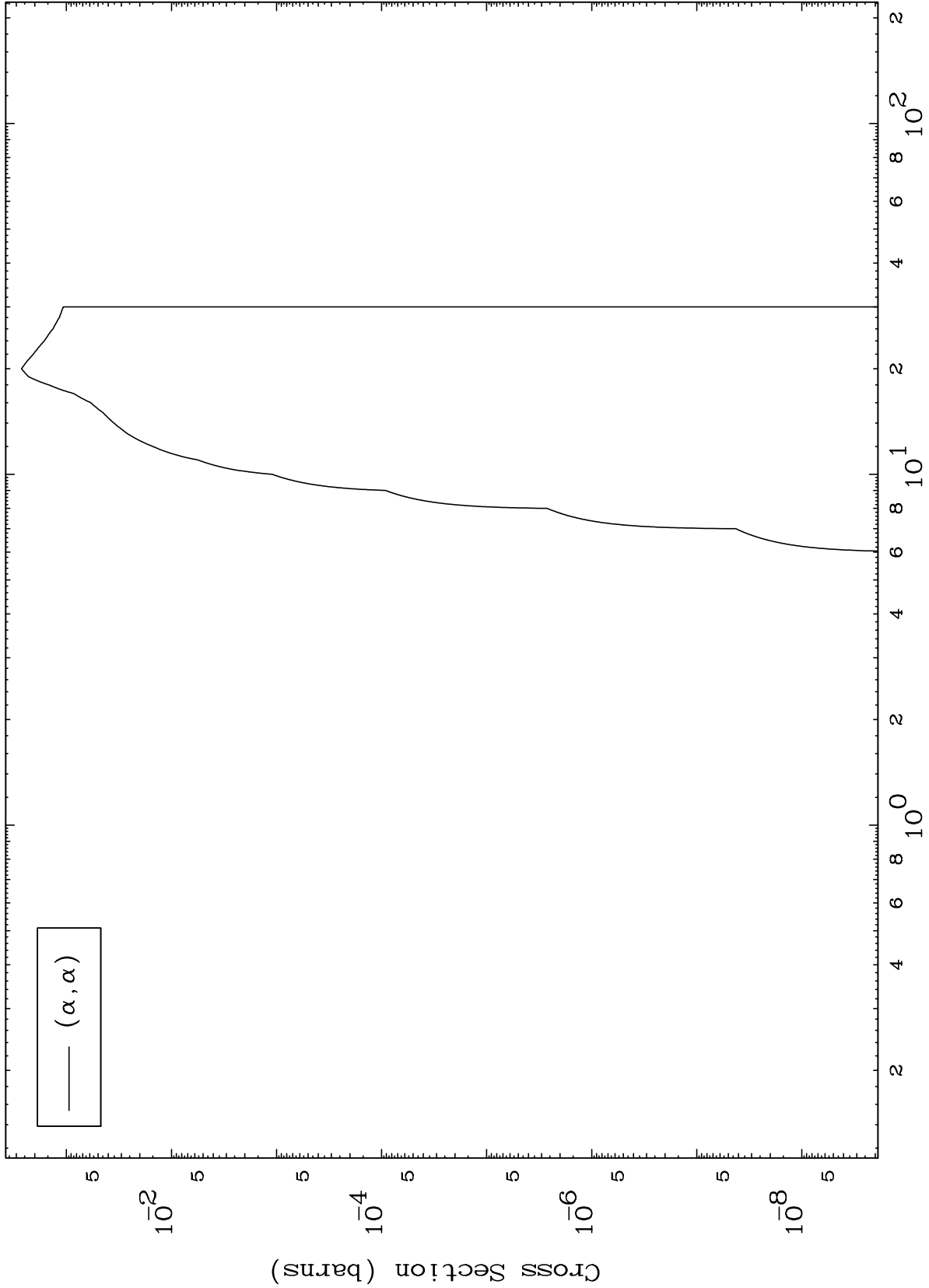
34-Se-75

MAT 3428

(α, α) Levels

$^{34}\text{Se-75}$

0 Kelvin Cross Sections



(α, α)

10

Incident Energy (MeV)

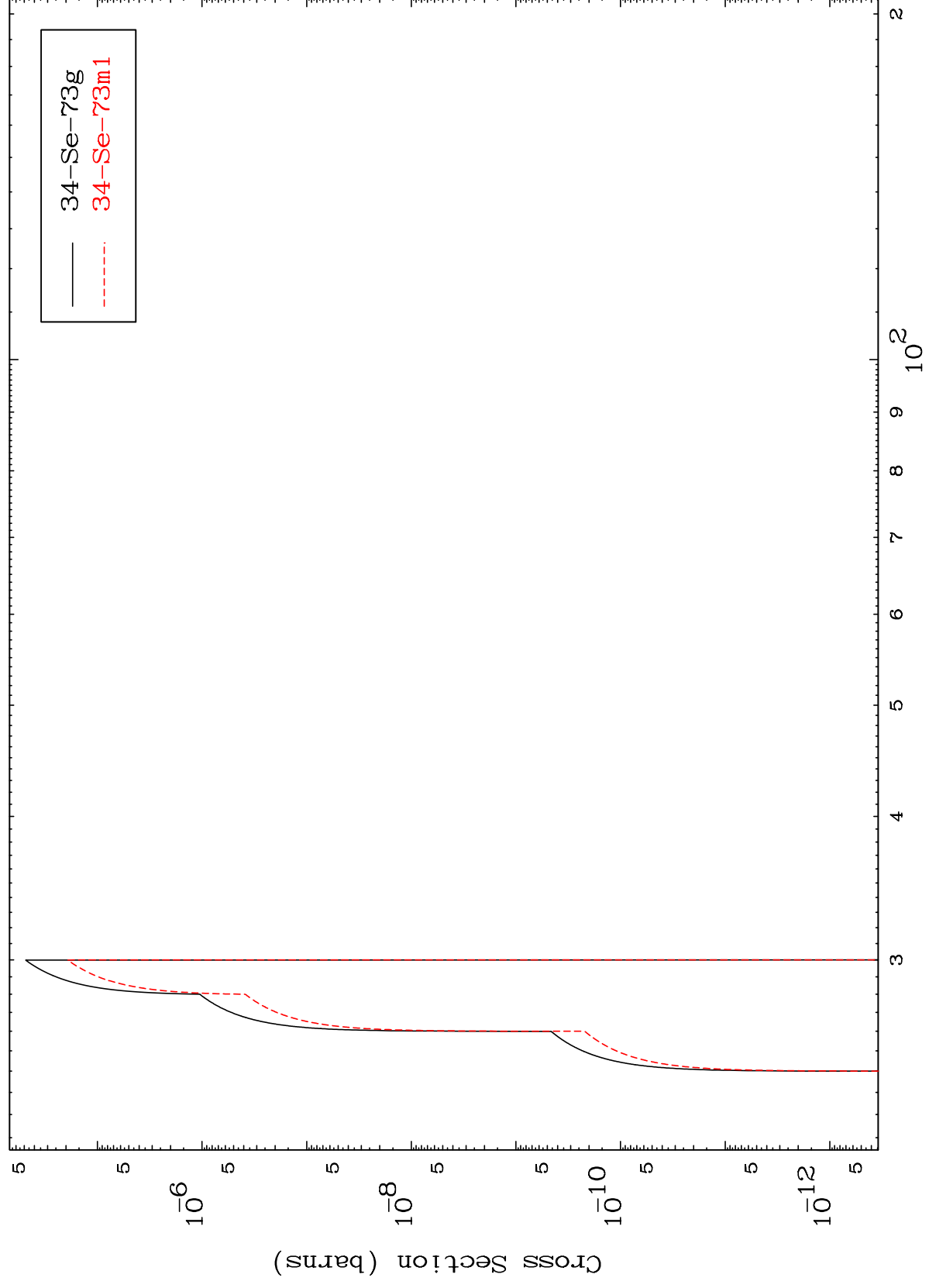
$^{34}\text{Se-75}$

MAT 3428

$(\alpha, 2n)$ α

$^{34}\text{Se-75}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

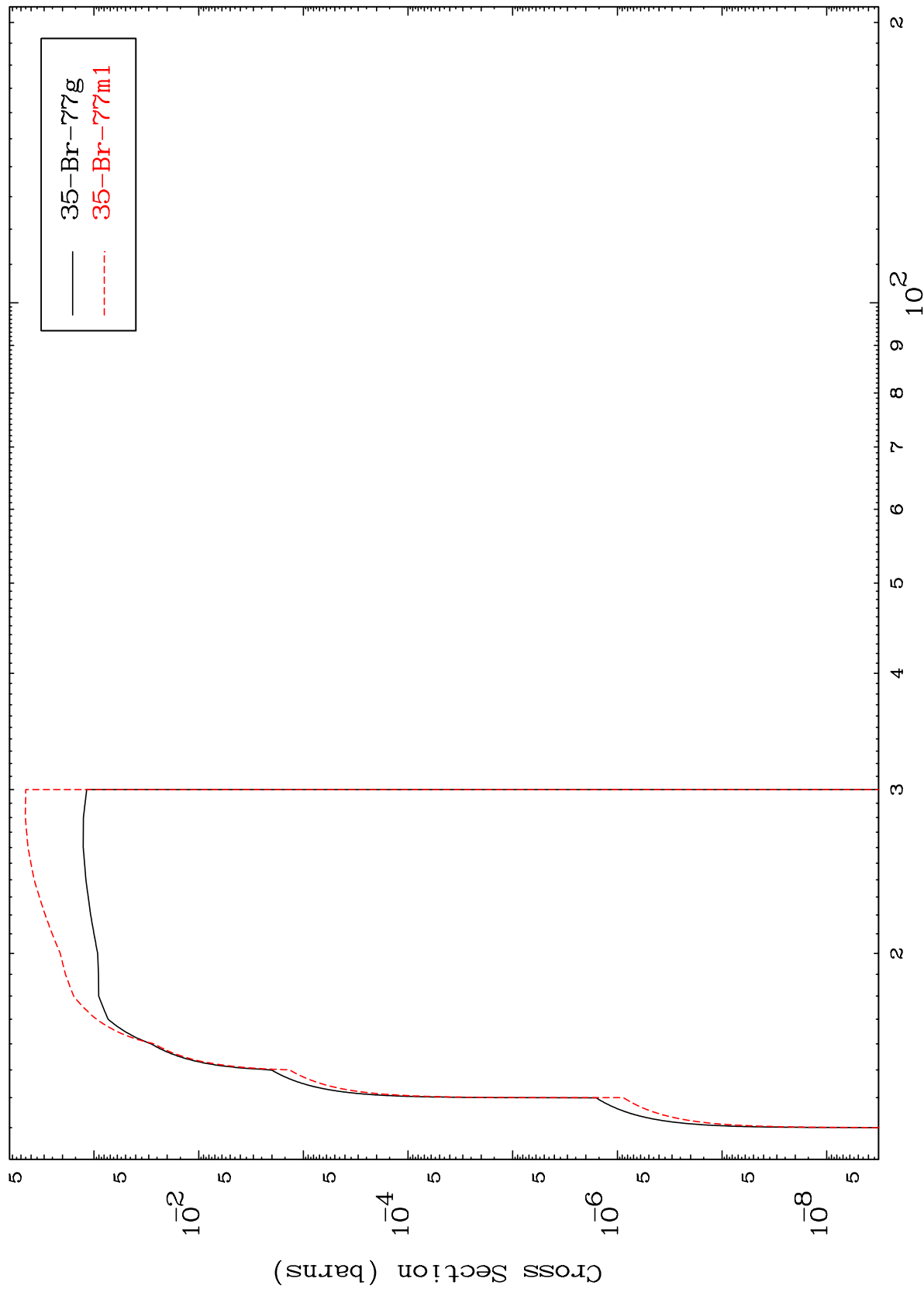
$^{34}\text{Se-75}$

MAT 3428

(α, n') p

³⁴Se-75

Radionuclide Production Cross Section



12

Incident Energy (MeV)

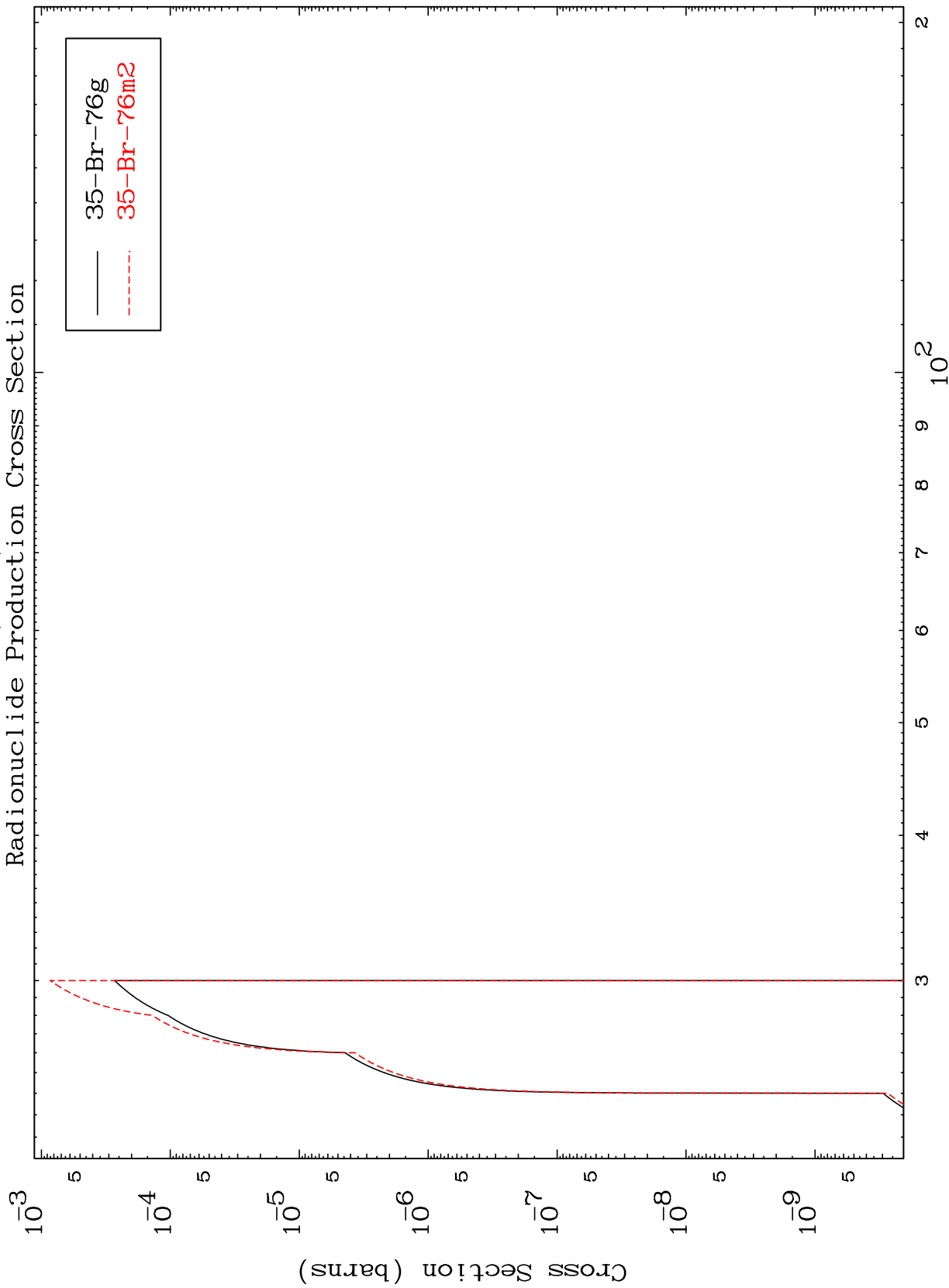
³⁴Se-75

MAT 3428

(α, n') d

³⁴Se-75

Radionuclide Production Cross Section



13

Incident Energy (MeV)

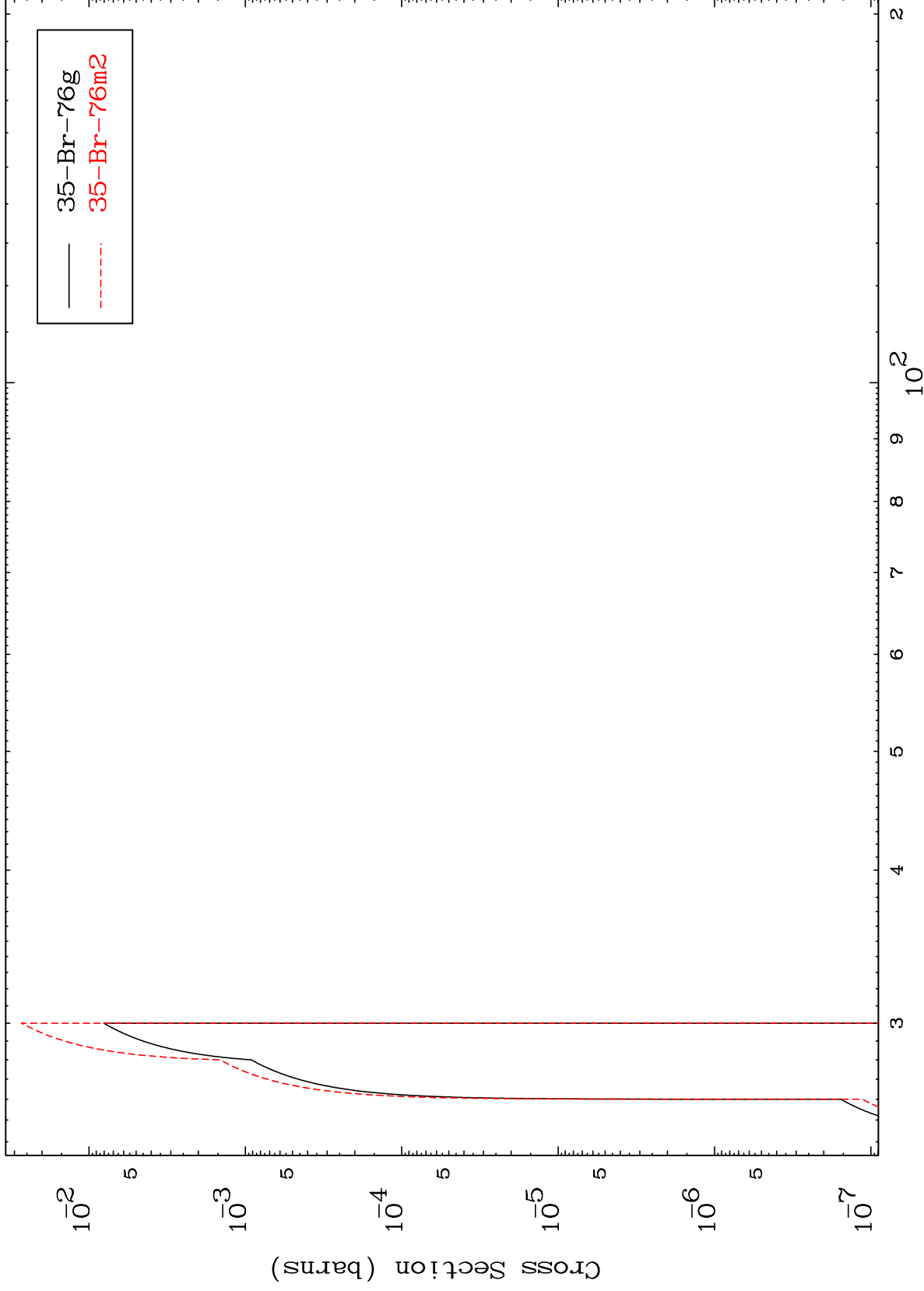
³⁴Se-75

MAT 3428

$(\alpha, 2n)$ p

$^{34}\text{Se-75}$

Radionuclide Production Cross Section



14

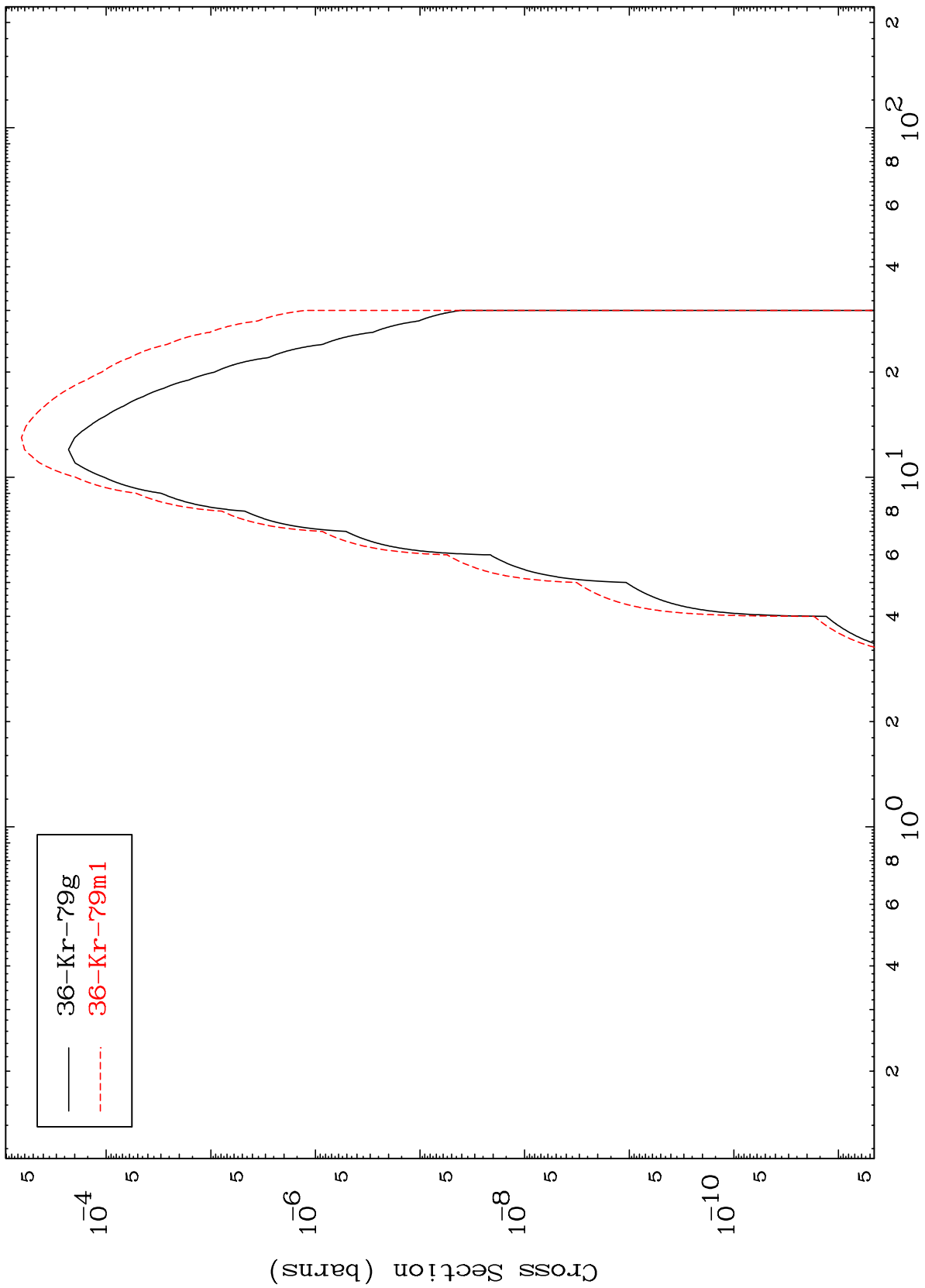
Incident Energy (MeV)

$^{34}\text{Se-75}$

MAT 3428

³⁴Se-75

(α, γ)
Radionuclide Production Cross Section



³⁴Se-75

Incident Energy (MeV)

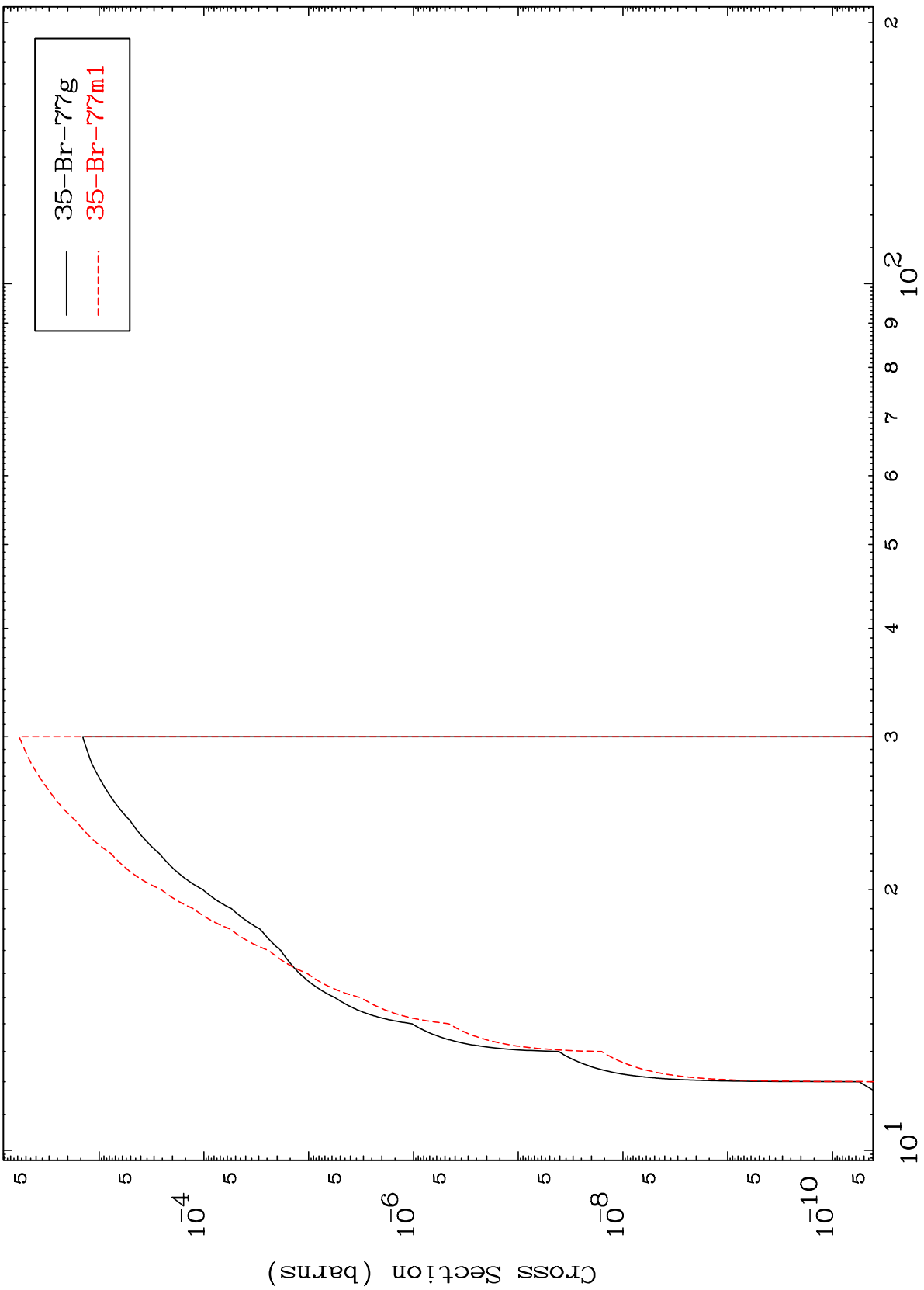
15

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(α, d)

$^{34}\text{Se-75}$

Radionuclide Production Cross Section



$^{34}\text{Se-75}$

Incident Energy (MeV)

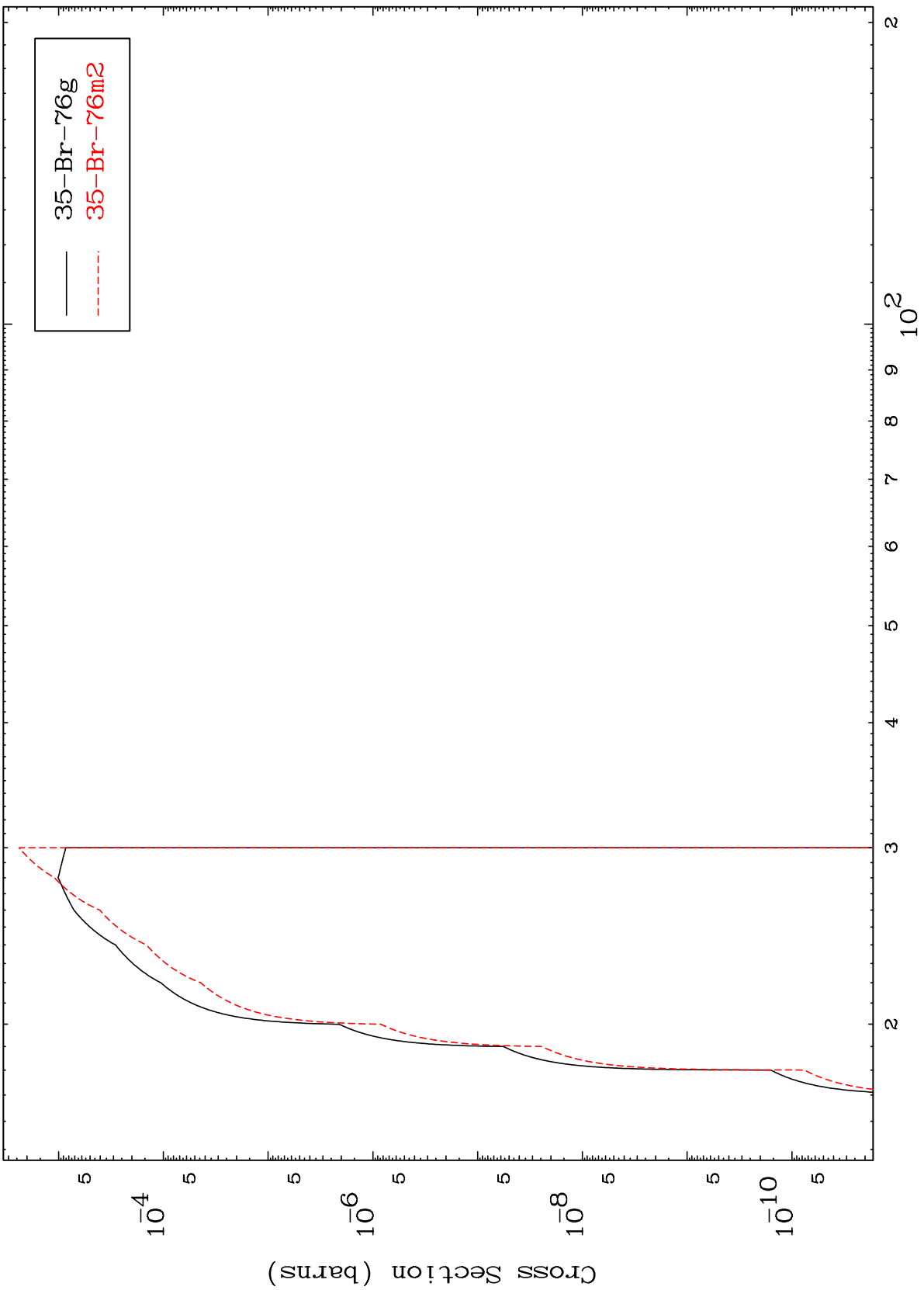
16

MAT 3428

(α, t)

³⁴Se-75

Radionuclide Production Cross Section



17

Incident Energy (MeV)

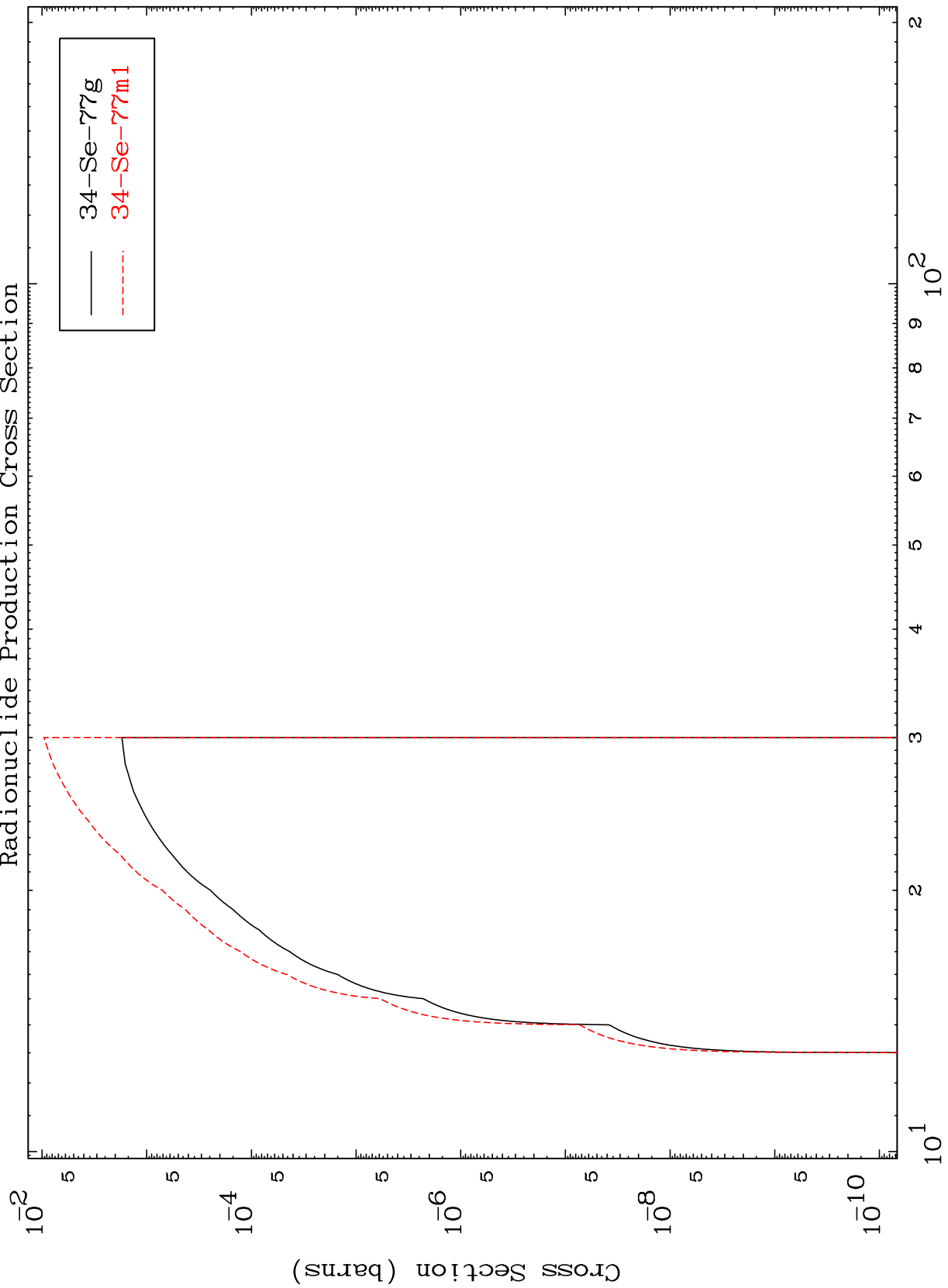
³⁴Se-75

MAT 3428

³⁴Se-75

($\alpha, 2p$)

Radionuclide Production Cross Section



³⁴Se-75

Incident Energy (MeV)

18