

Program EVALPLOT
(Version 2018-1)

by

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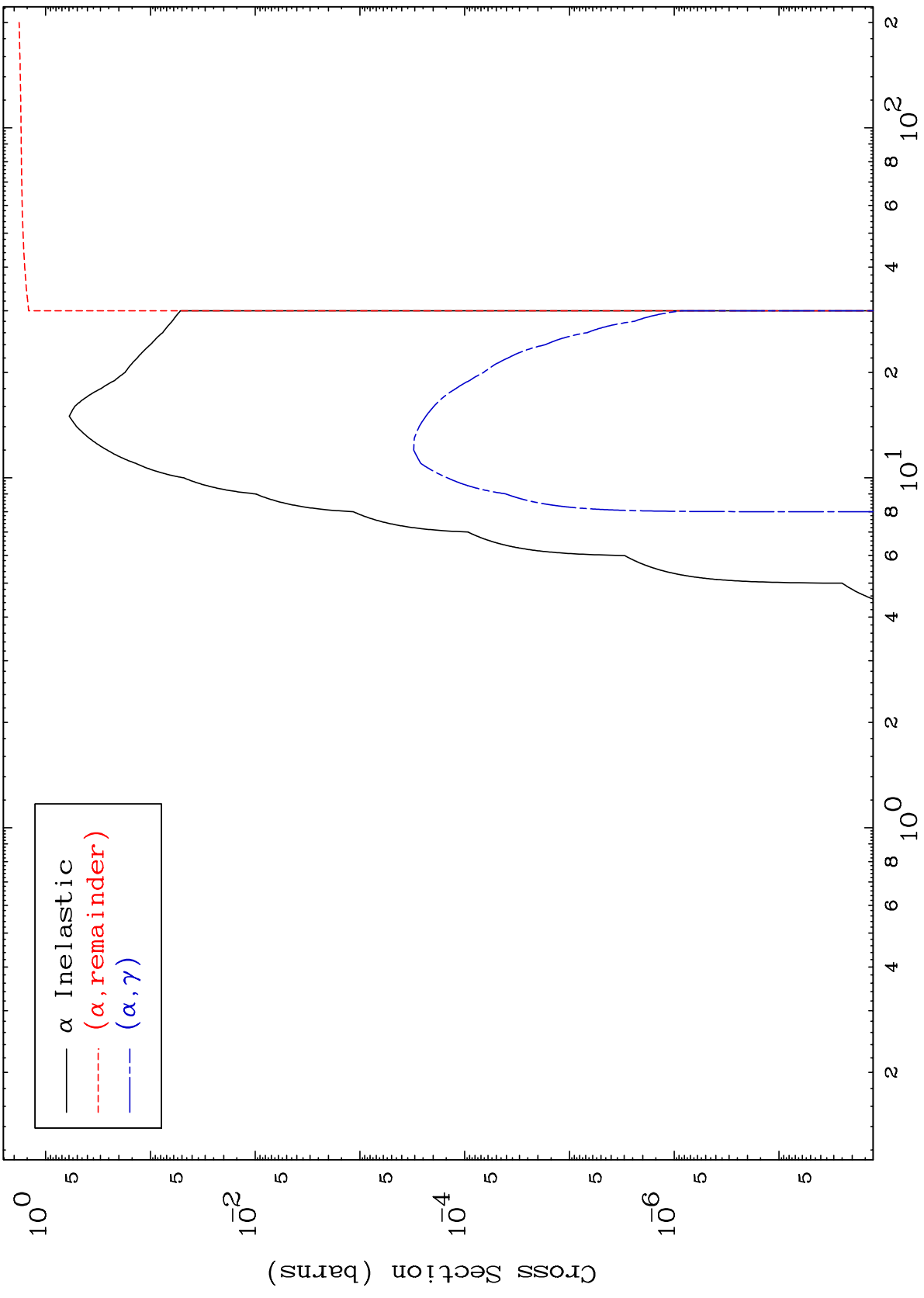
Press Mouse Button to Start

MAT 3434

α Major

$^{34}\text{Se-77}$

0 Kelvin Cross Sections

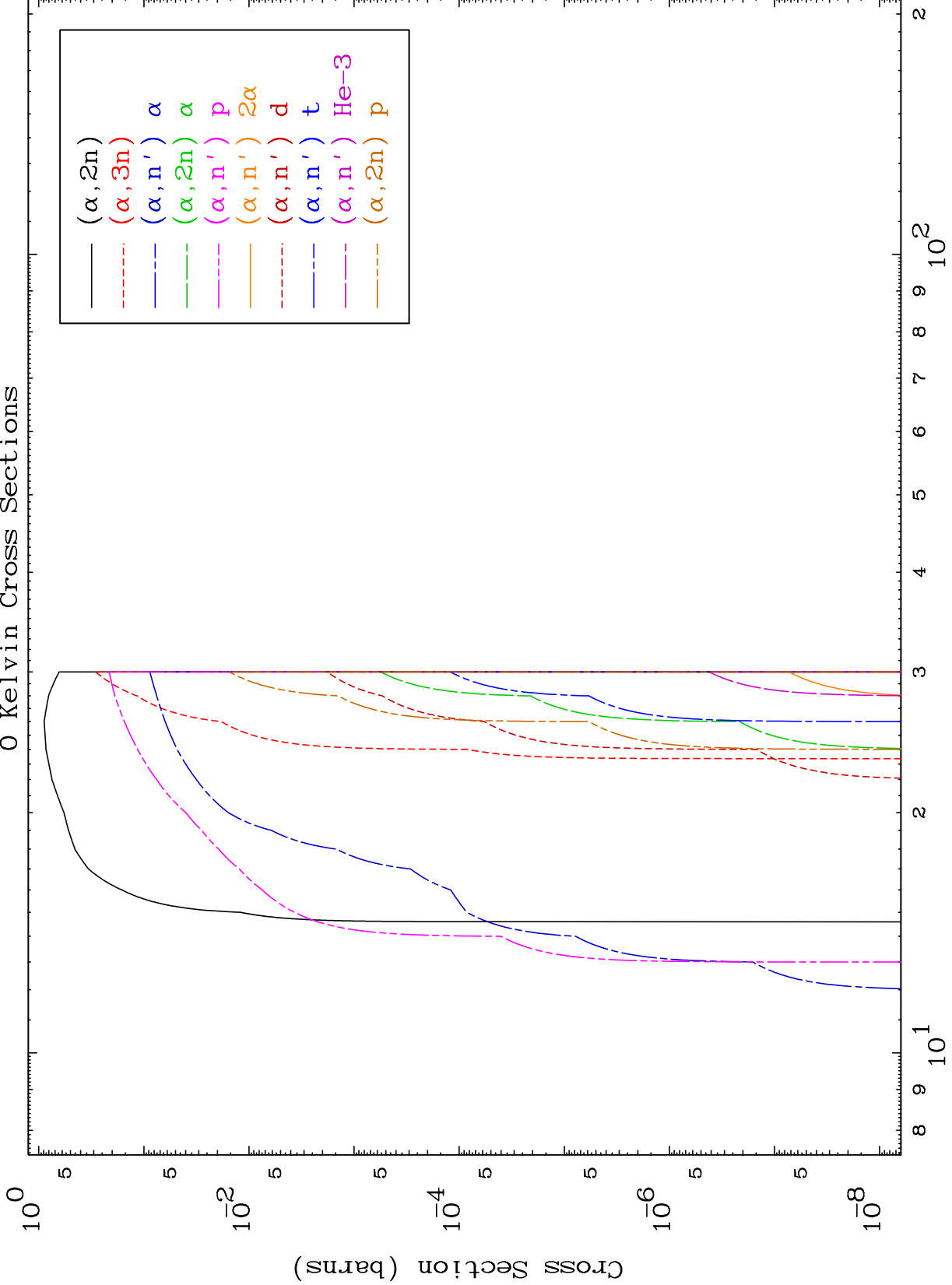


α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

MAT 3434

α Neutron Production
0 Kelvin Cross Sections

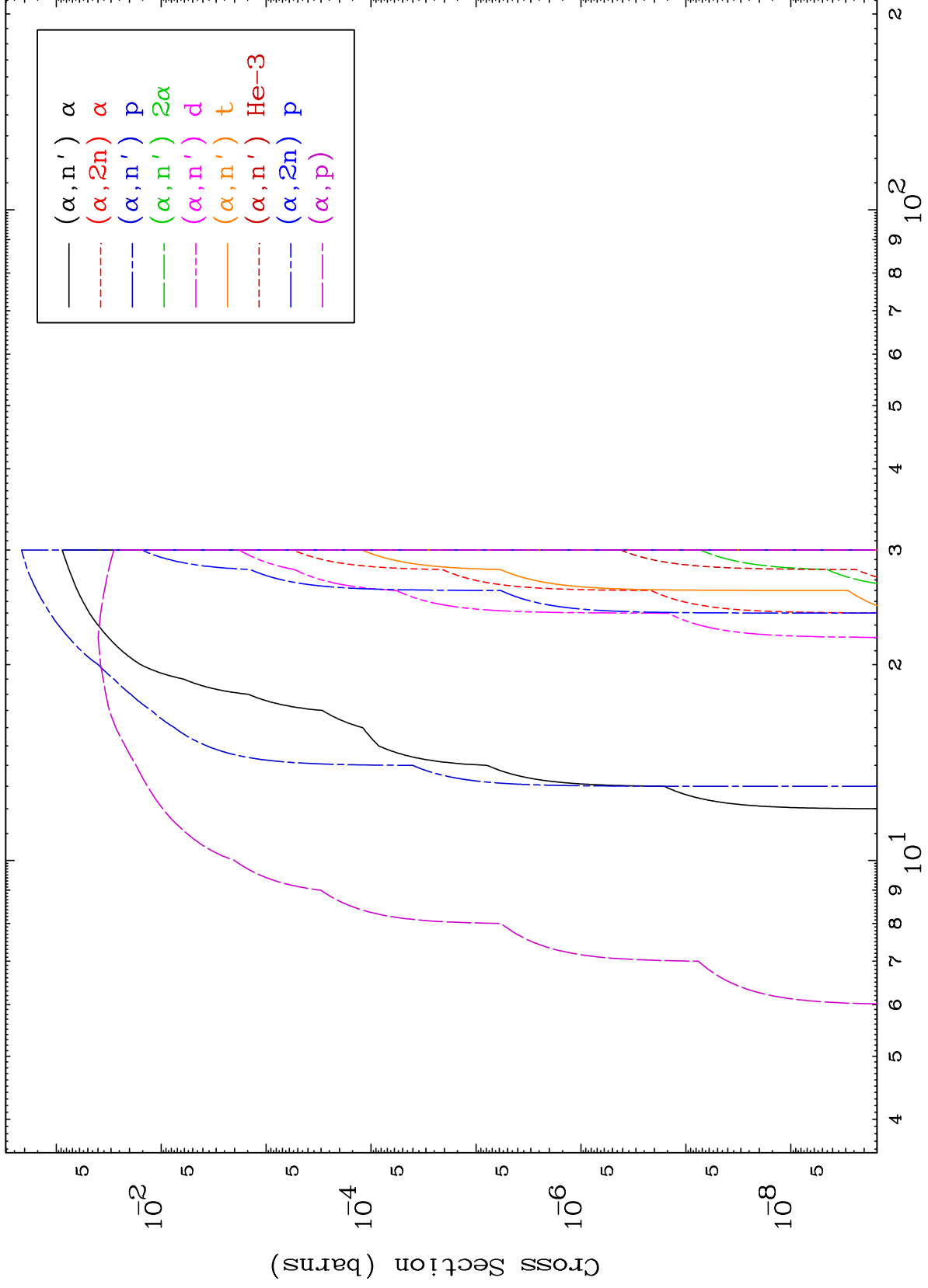
$^{34}\text{Se-77}$



Incident Energy (MeV)

$^{34}\text{Se-77}$

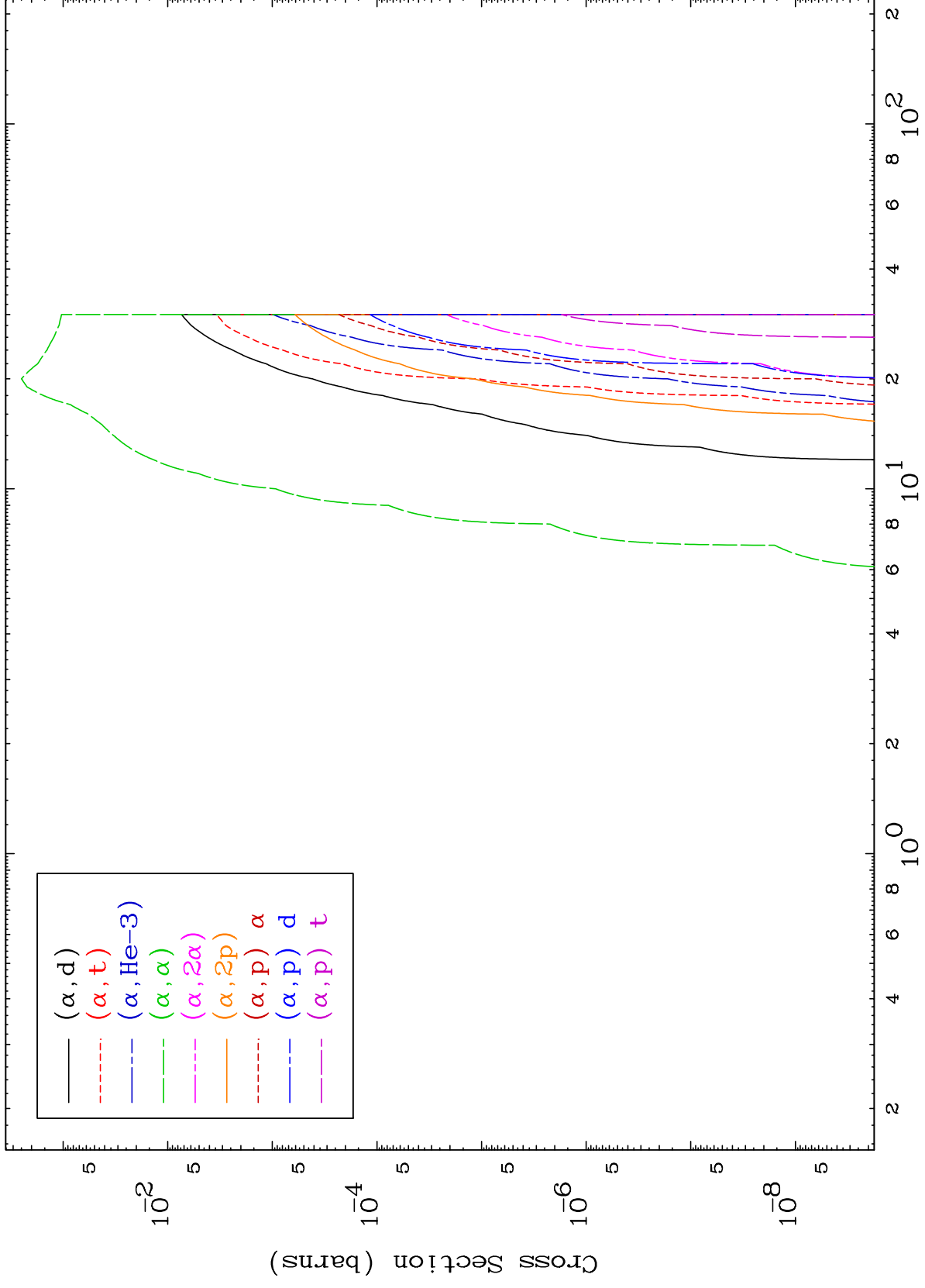
2



MAT 3434

α Charged Particle
0 Kelvin Cross Sections

³⁴Se-77



³⁴Se-77

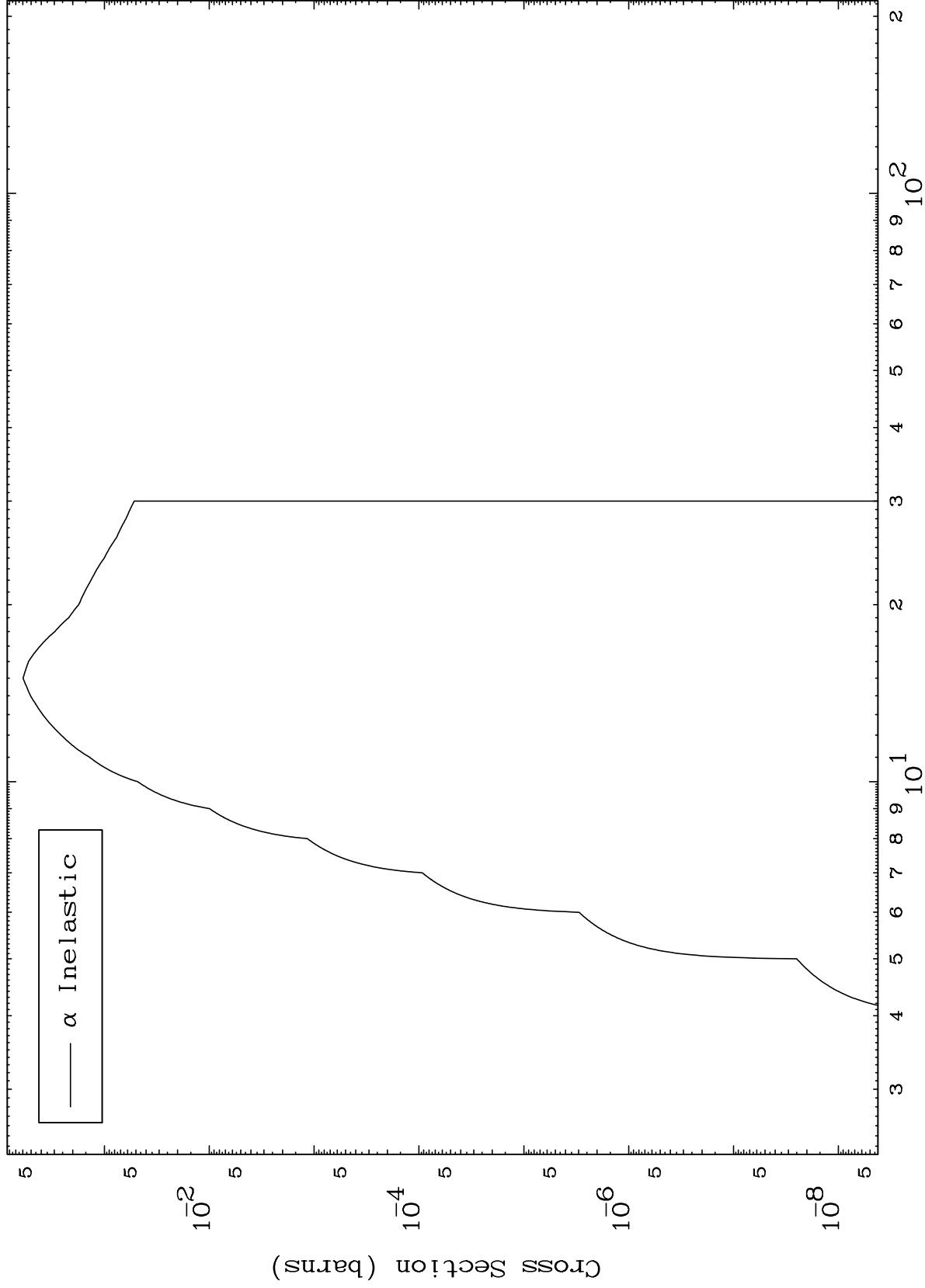
Incident Energy (MeV)

MAT 3434

(α, n') Level

$^{34}\text{Se-77}$

0 Kelvin Cross Sections



α Inelastic

5

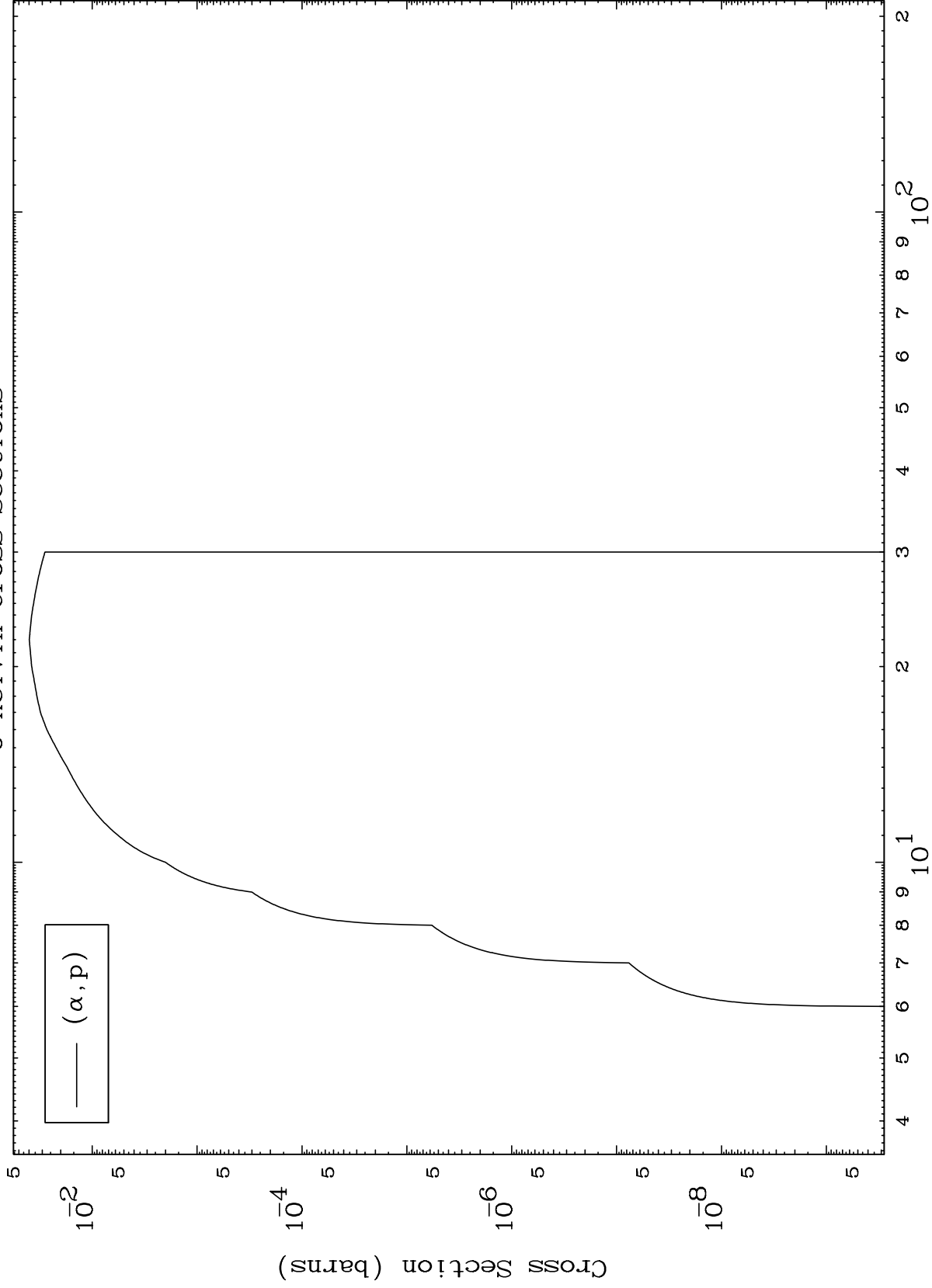
Incident Energy (MeV)

$^{34}\text{Se-77}$

MAT 3434

(α, p) Levels
0 Kelvin Cross Sections

34-Se-77



Incident Energy (MeV)

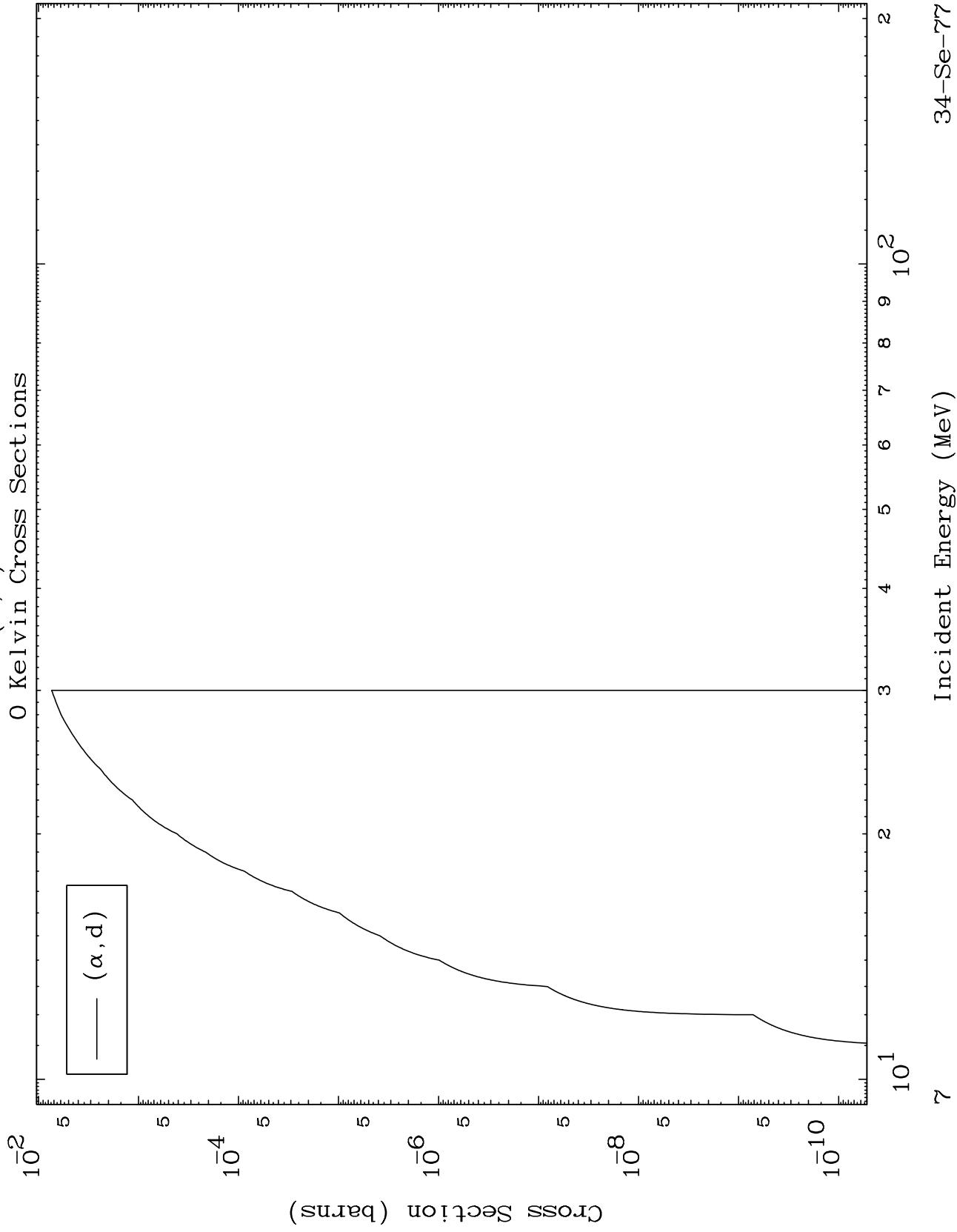
34-Se-77

6

MAT 3434

(α, d) Levels

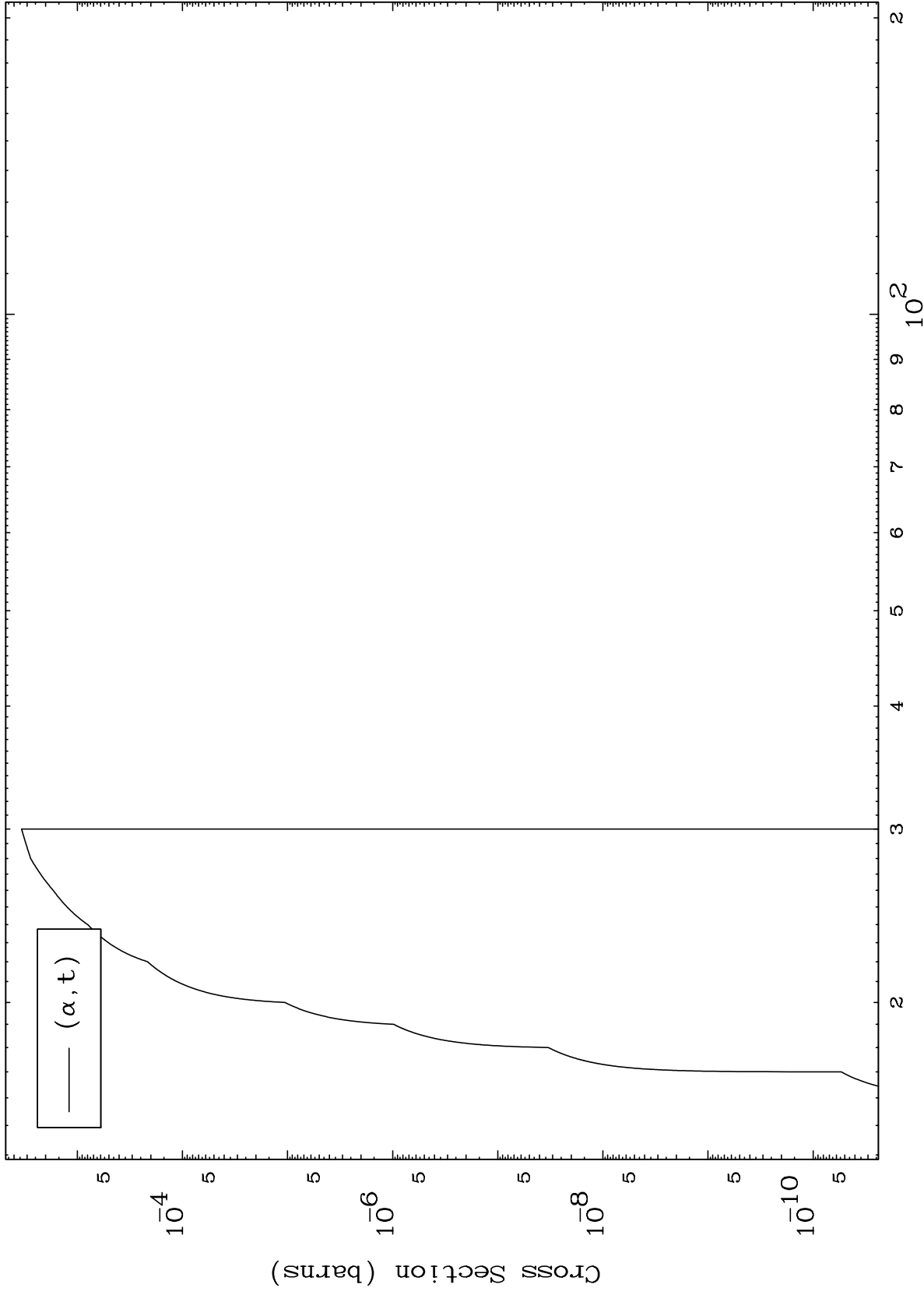
$^{34}\text{Se-77}$



MAT 3434

(α, t) Levels
0 Kelvin Cross Sections

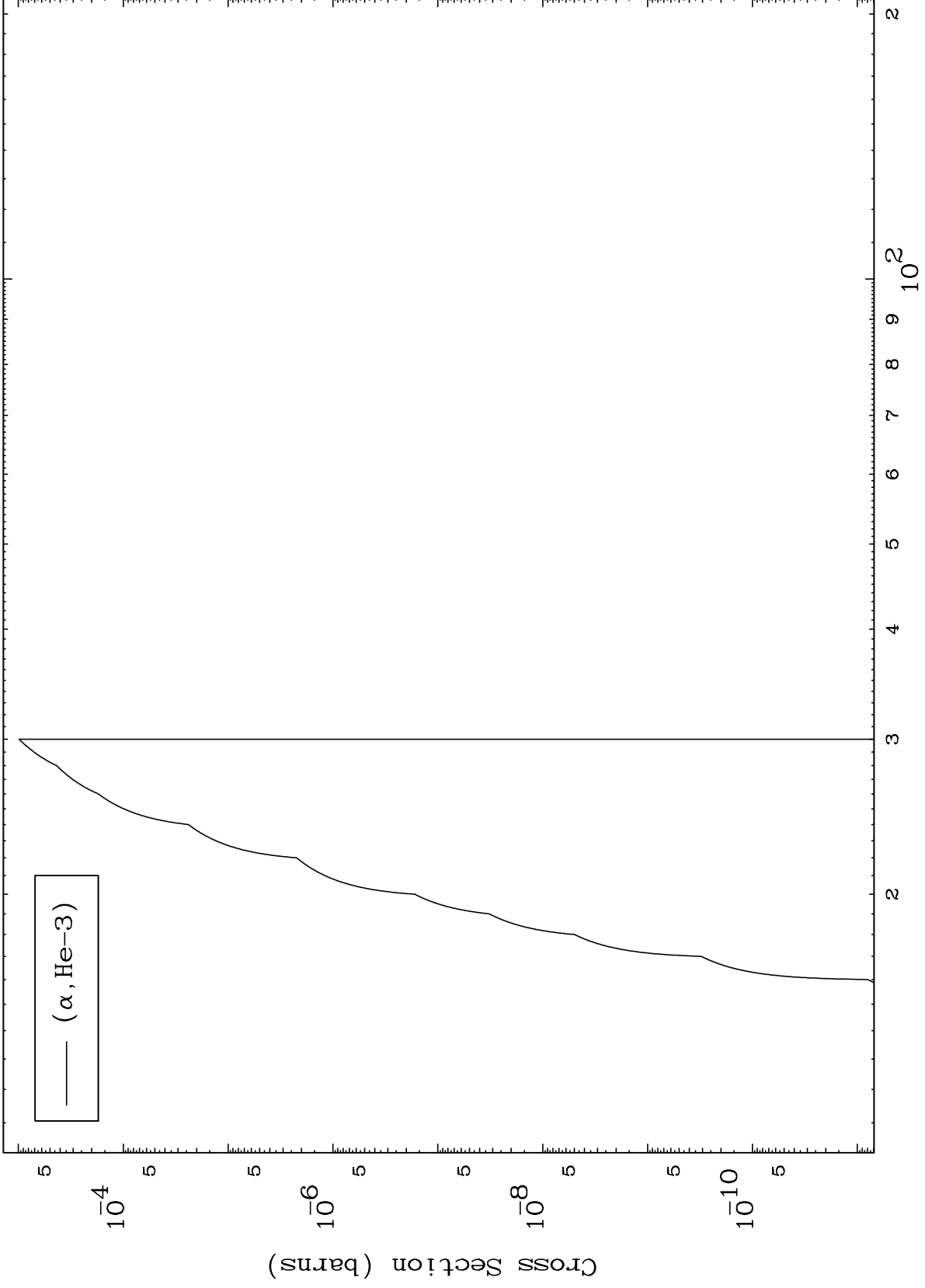
34-Se-77



MAT 3434

(α , He3) Levels
0 Kelvin Cross Sections

34-Se-77

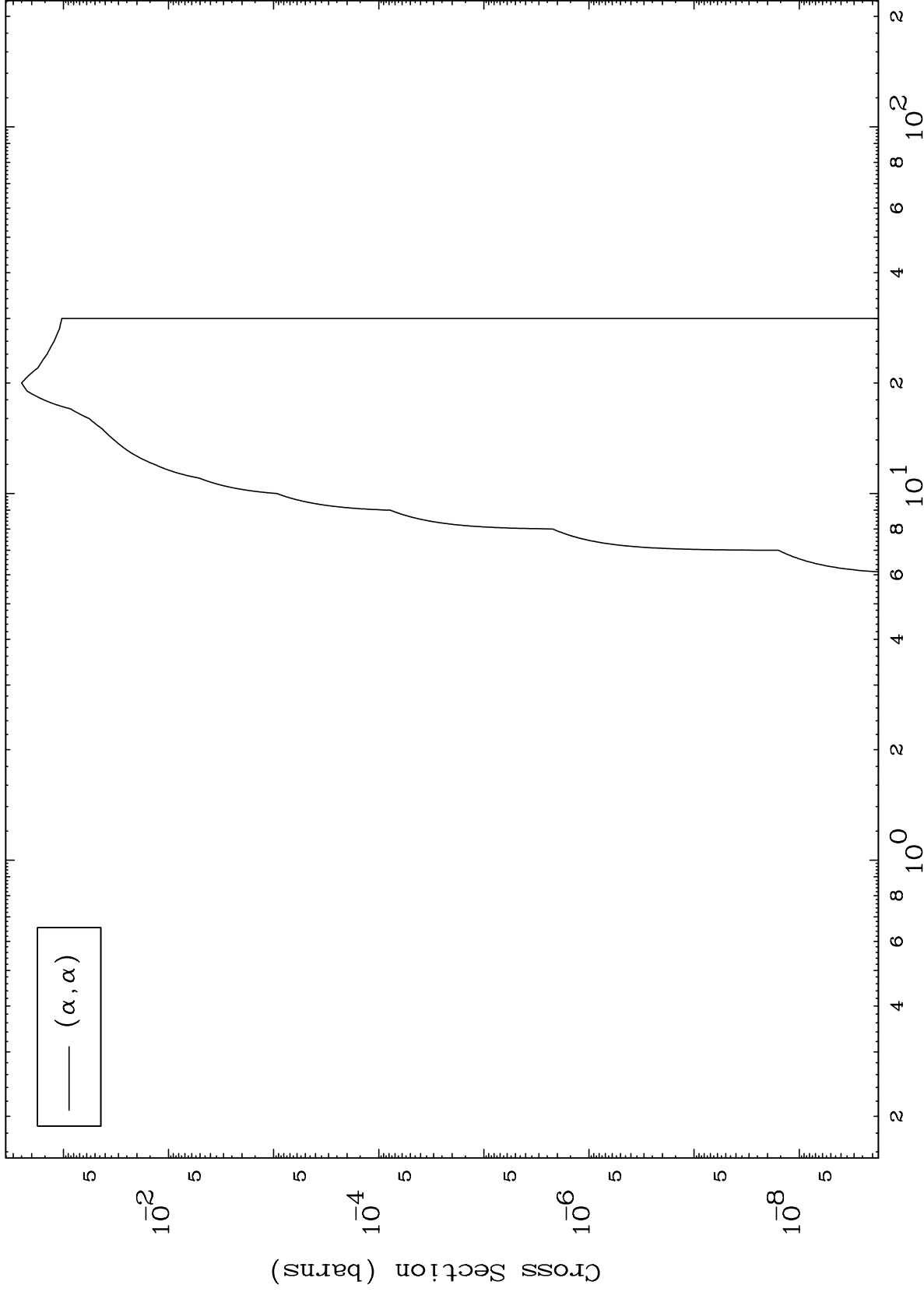


MAT 3434

(α, α) Levels

34-Se-77

0 Kelvin Cross Sections



10

Incident Energy (MeV)

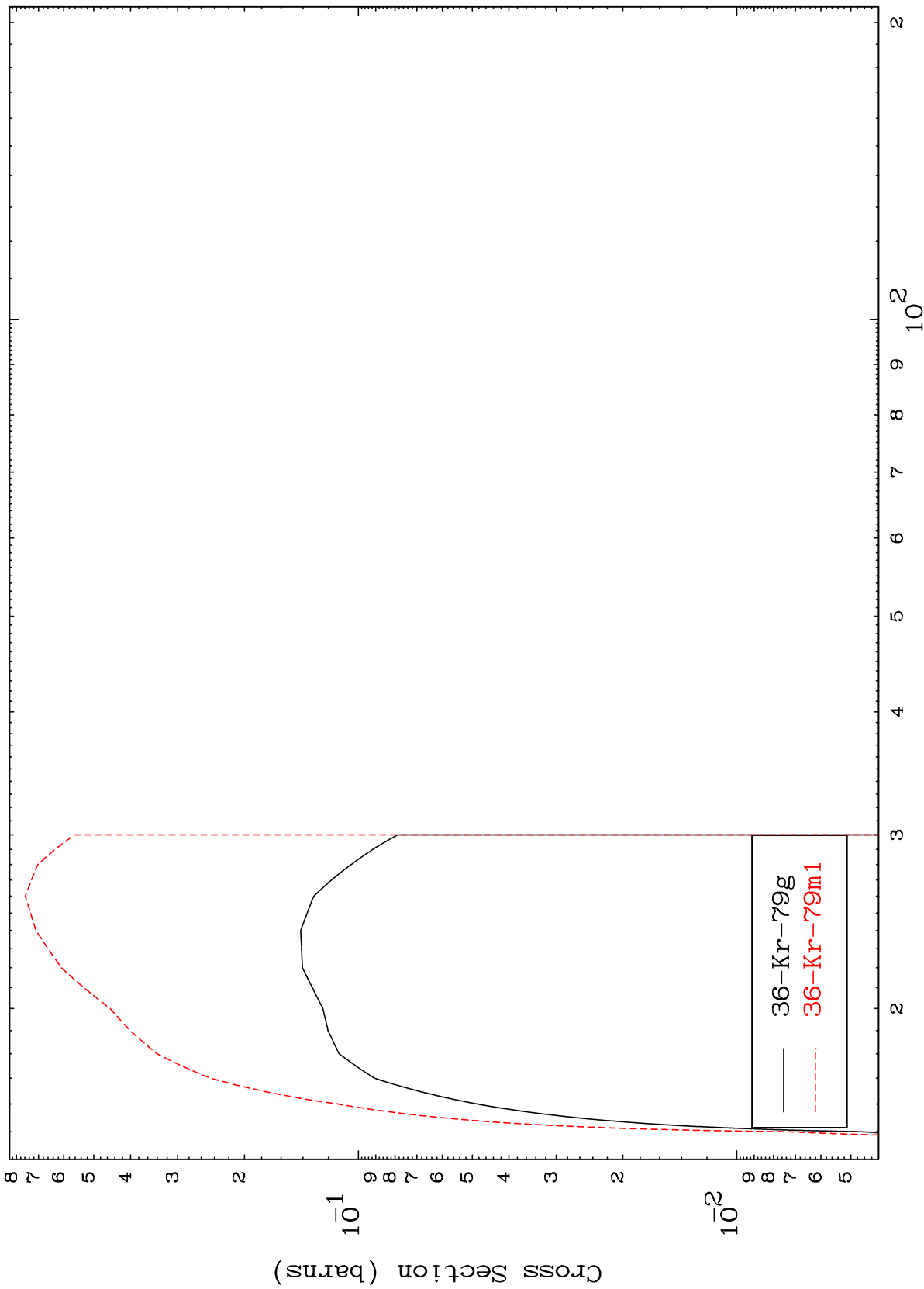
34-Se-77

MAT 3434

34-Se-77

Radionuclide Production Cross Section

($\alpha, 2n$)



Incident Energy (MeV)

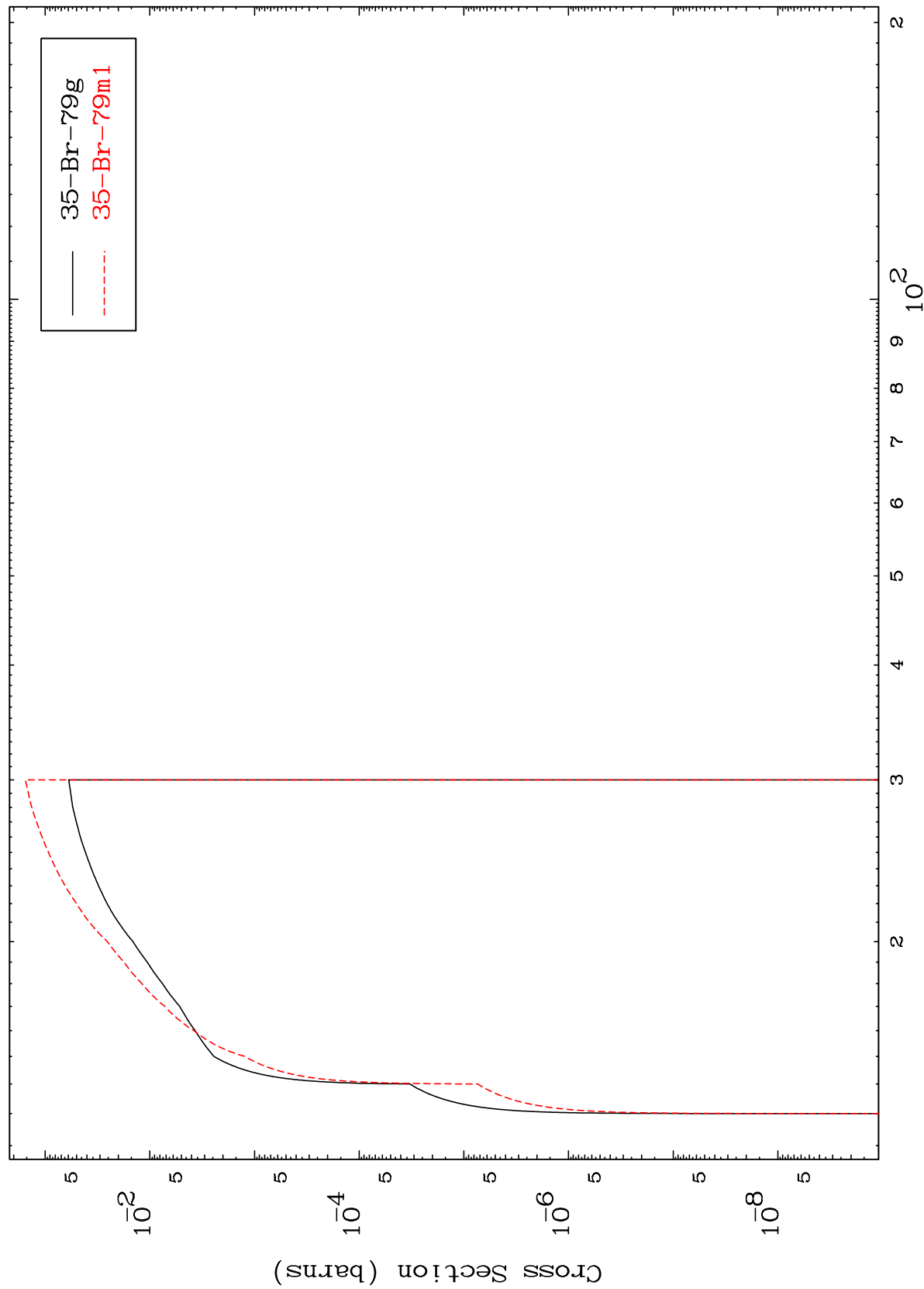
34-Se-77

MAT 3434

(α, n') p

34-Se-77

Radionuclide Production Cross Section



12

Incident Energy (MeV)

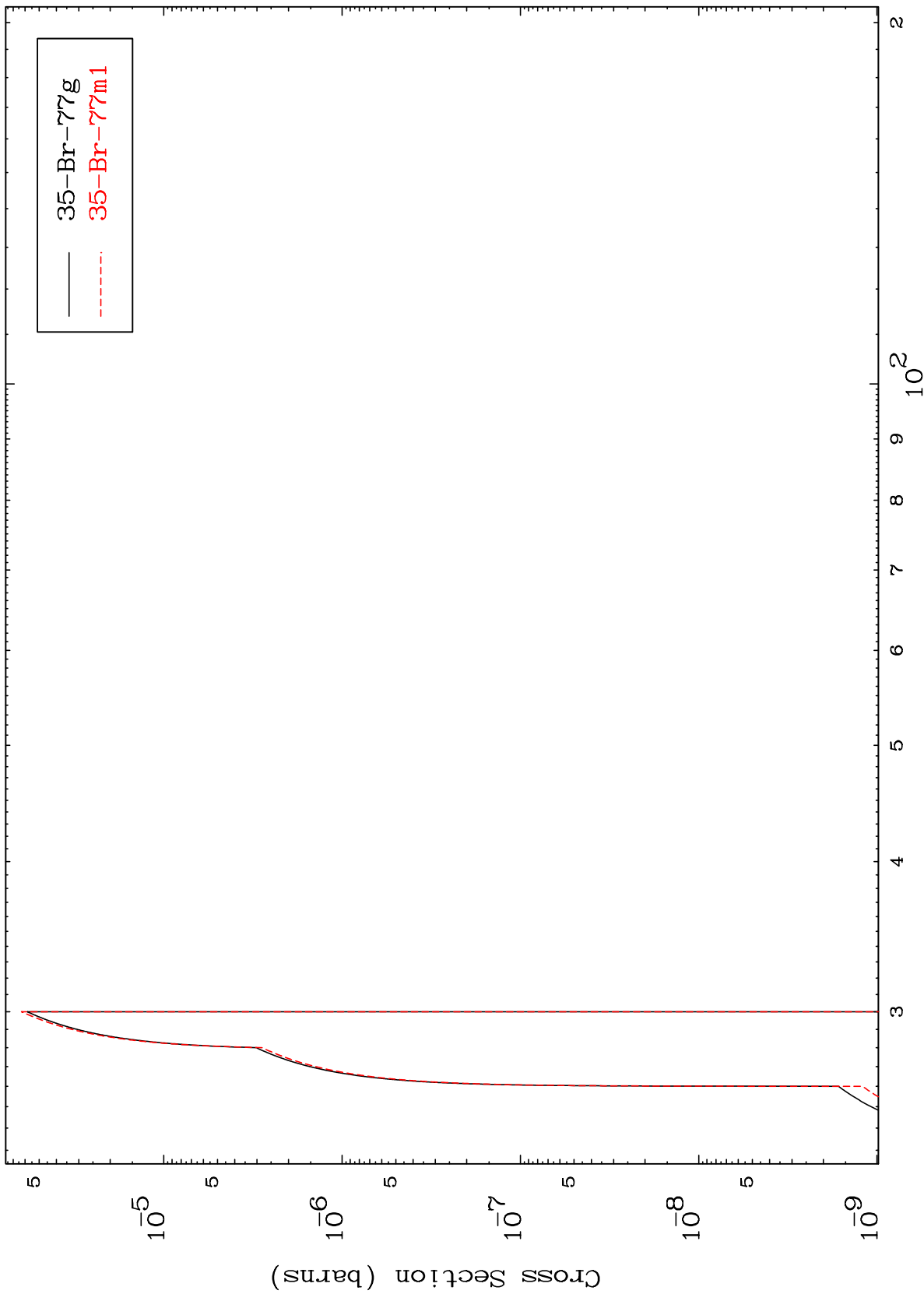
34-Se-77

MAT 3434

(α, n') t

34-Se-77

Radionuclide Production Cross Section



13

Incident Energy (MeV)

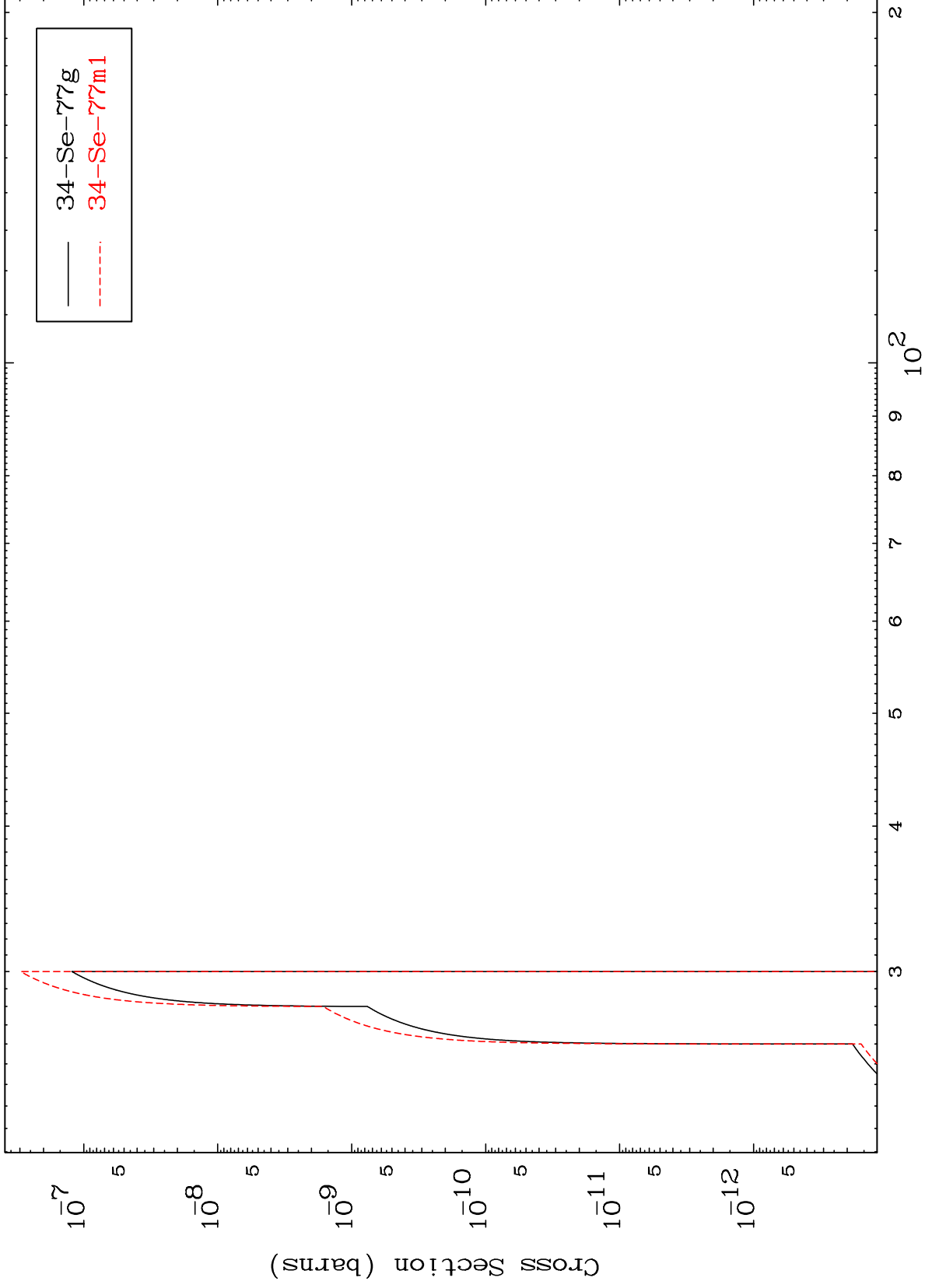
34-Se-77

MAT 3434

(α, n') He-3

³⁴Se-77

Radionuclide Production Cross Section



14

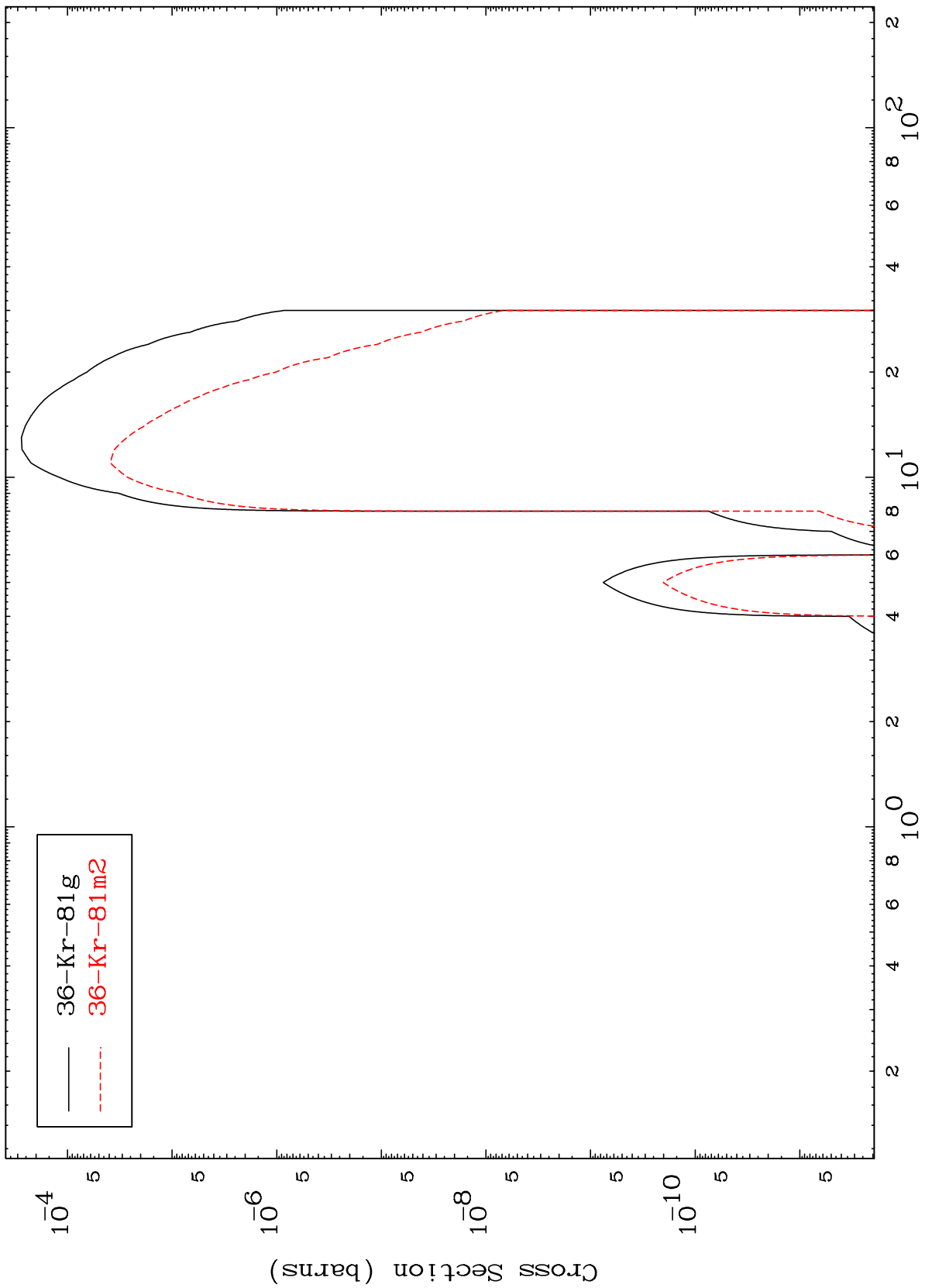
Incident Energy (MeV)

³⁴Se-77

MAT 3434

³⁴Se-77

(α, γ)
Radionuclide Production Cross Section



³⁴Se-77

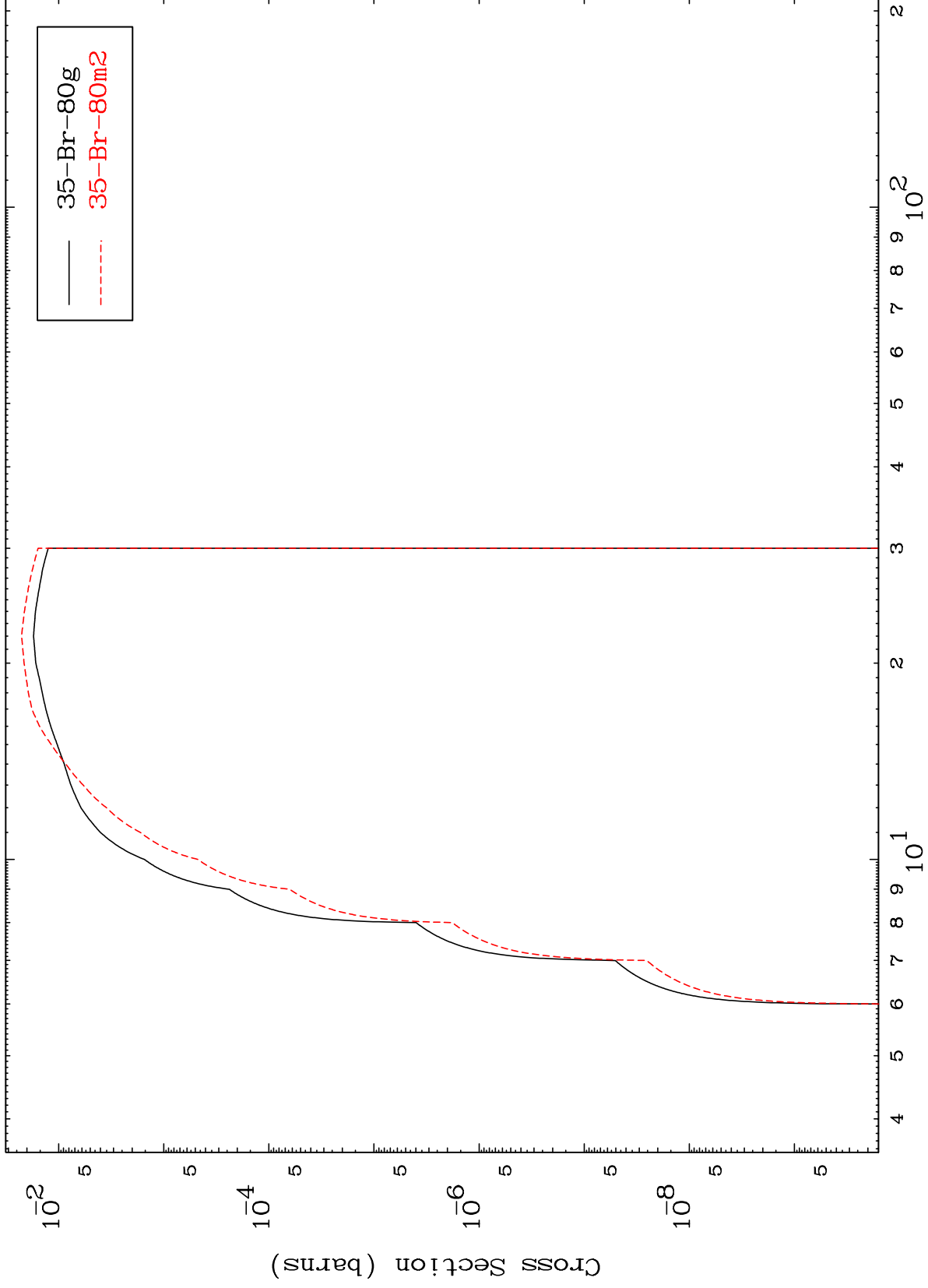
Incident Energy (MeV)

15

MAT 3434

³⁴Se-77

(α, p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

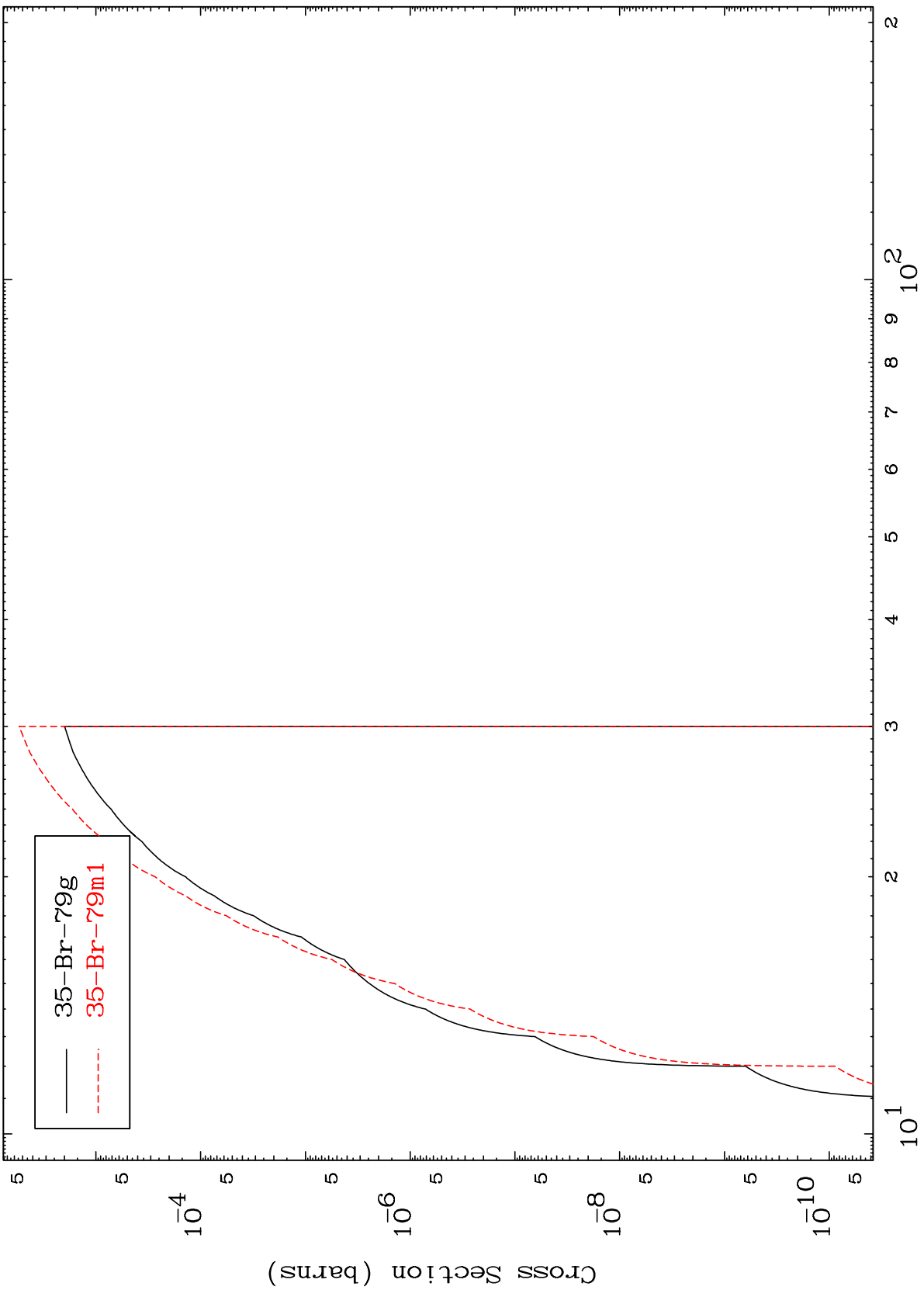
³⁴Se-77

MAT 3434

(α, d)

³⁴Se-77

Radionuclide Production Cross Section



34-^{Se}-77

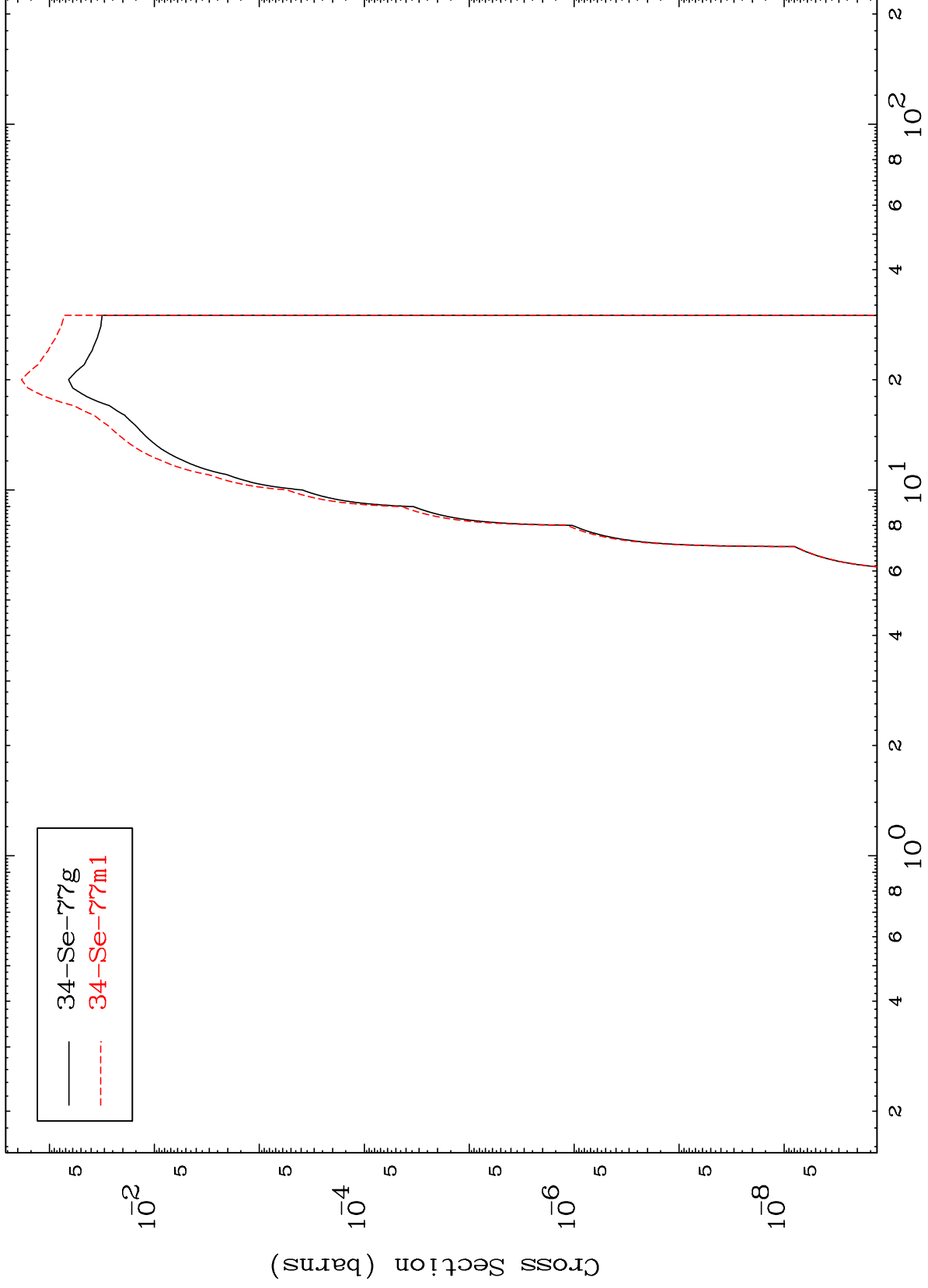
17

MAT 3434

(α, α)

$^{34}\text{Se-77}$

Radionuclide Production Cross Section



18

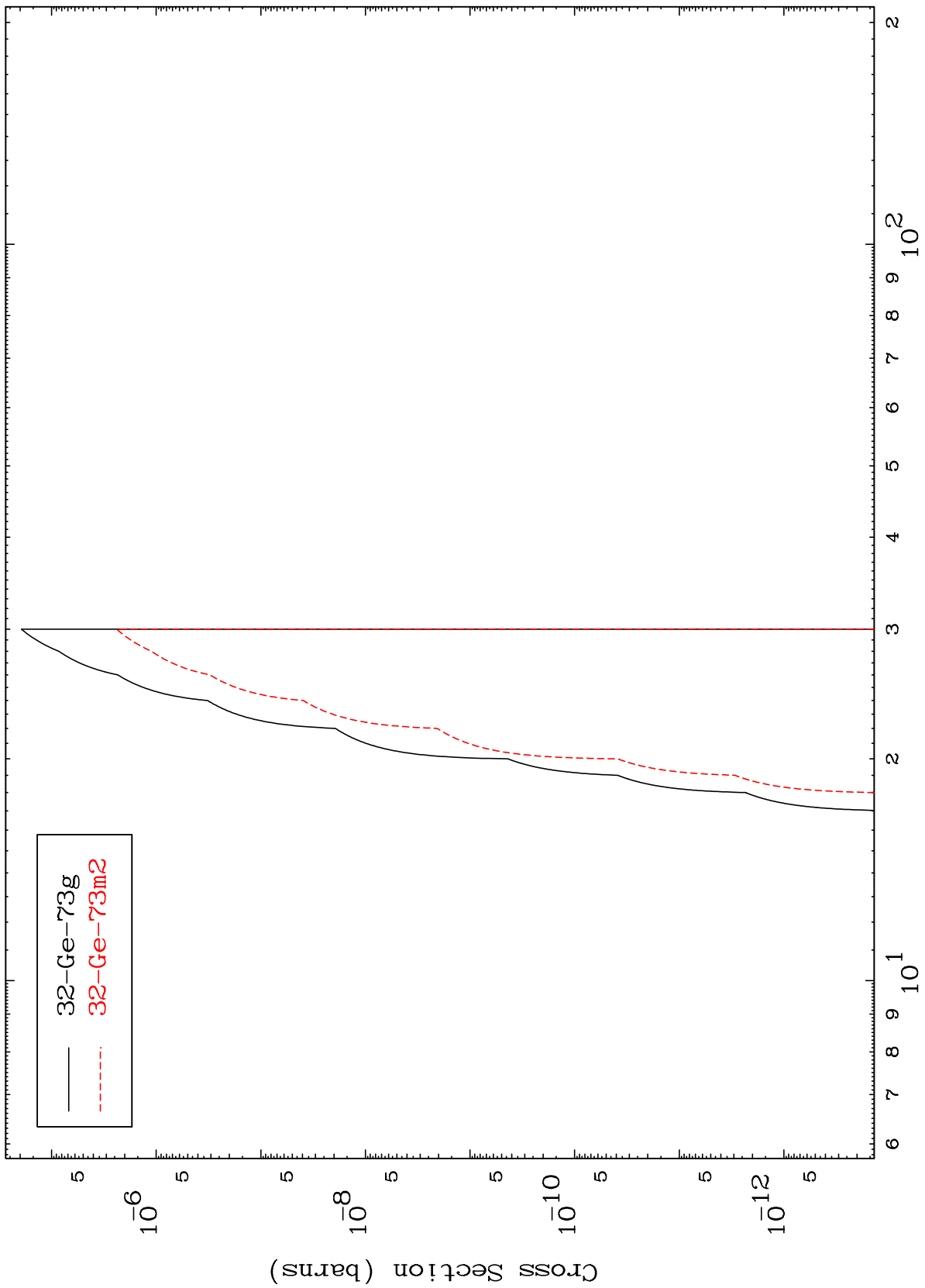
Incident Energy (MeV)

$^{34}\text{Se-77}$

MAT 3434

34-^{Se}-77

Radionuclide Production Cross Section



19

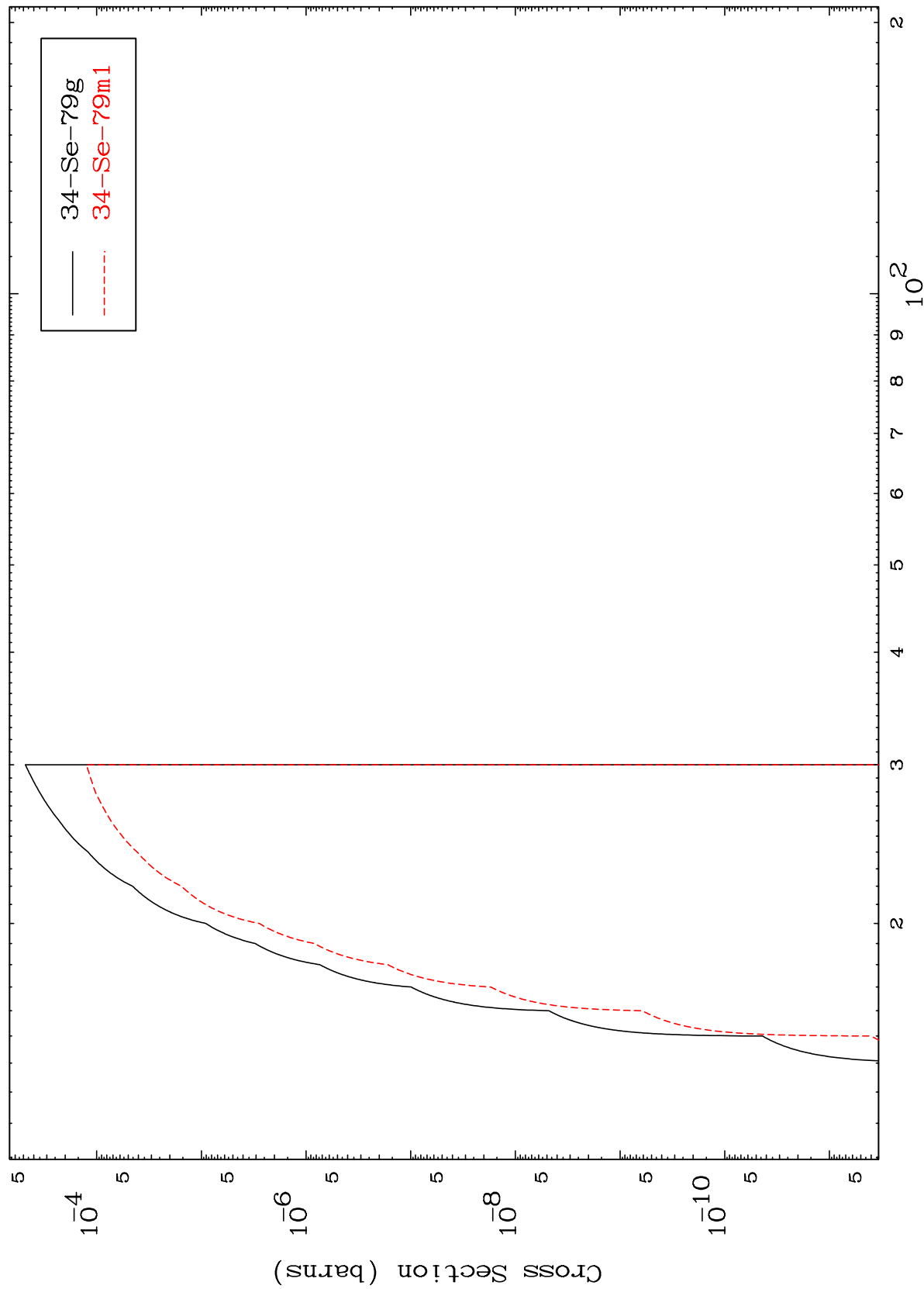
Incident Energy (MeV)

34-^{Se}-77

MAT 3434

³⁴Se-77

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



³⁴Se-77

Incident Energy (MeV)

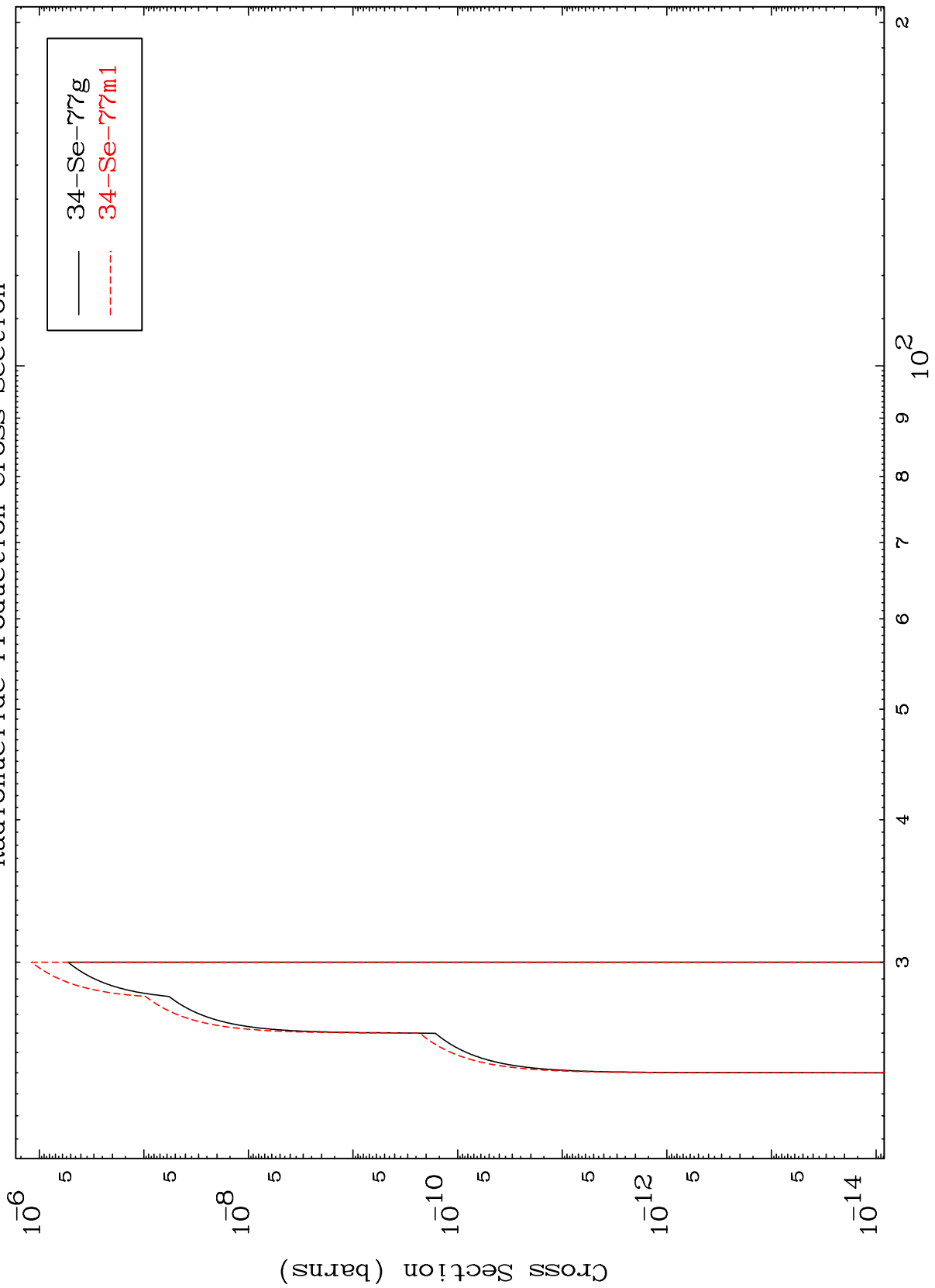
20

MAT 3434

(α, p) t

³⁴Se-77

Radionuclide Production Cross Section



21

Incident Energy (MeV)

³⁴Se-77