

Program EVALPLOT
(Version 2018-1)

by

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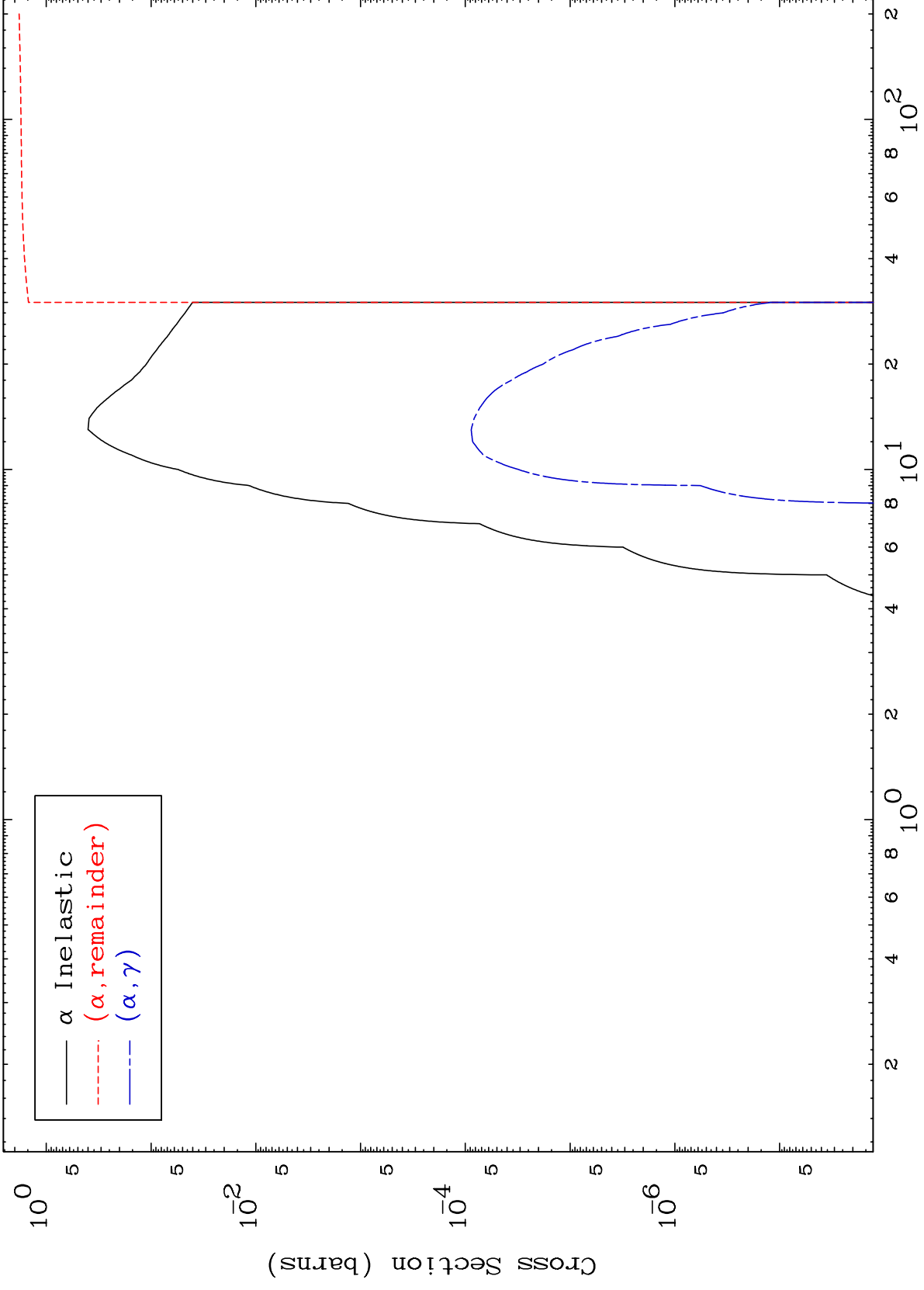
Press Mouse Button to Start

MAT 3440

α Major

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

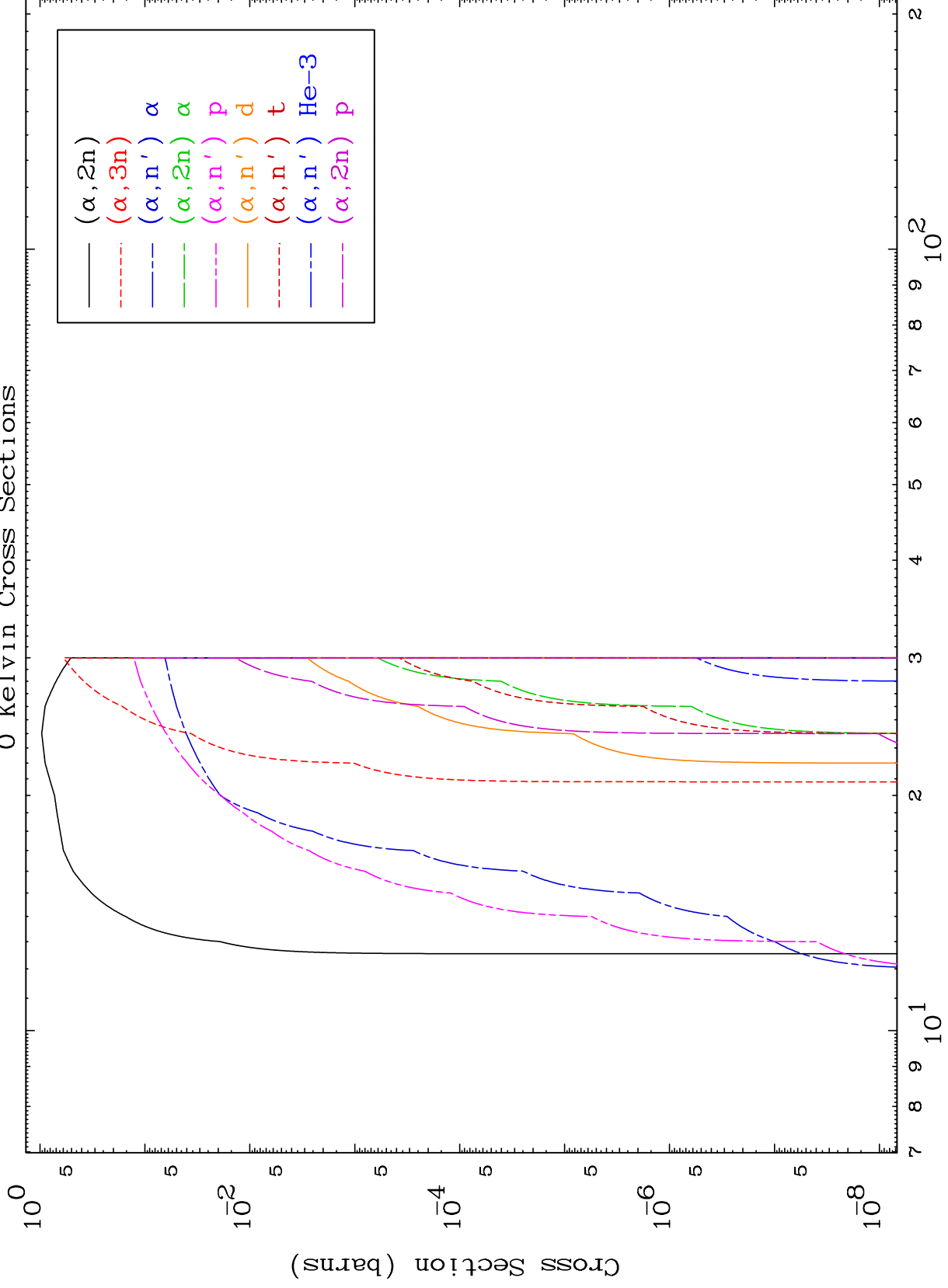
0 Kelvin Cross Sections



MAT 3440

α Neutron Production
0 Kelvin Cross Sections

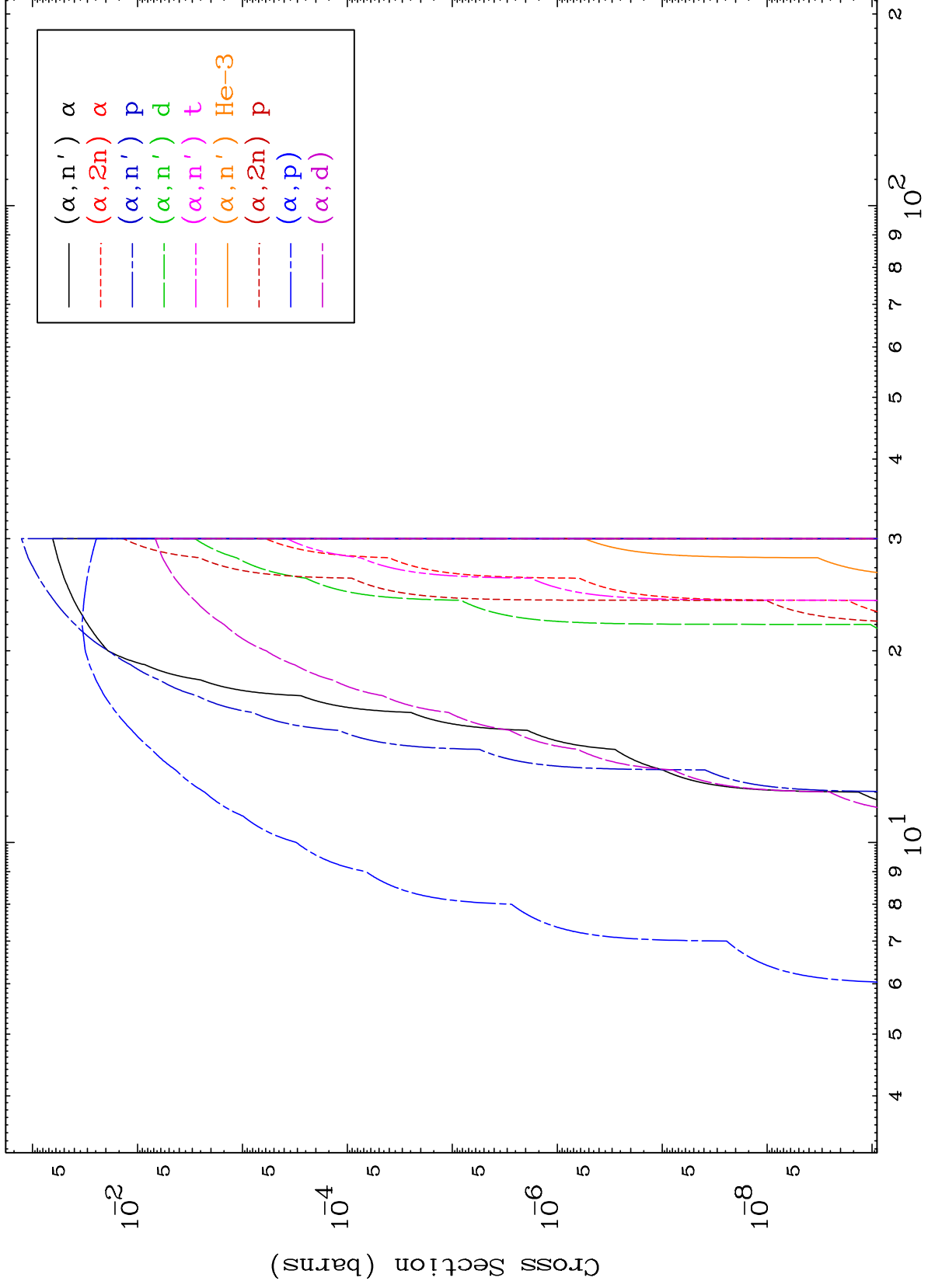
34-Se-79



Incident Energy (MeV)

34-Se-79

2

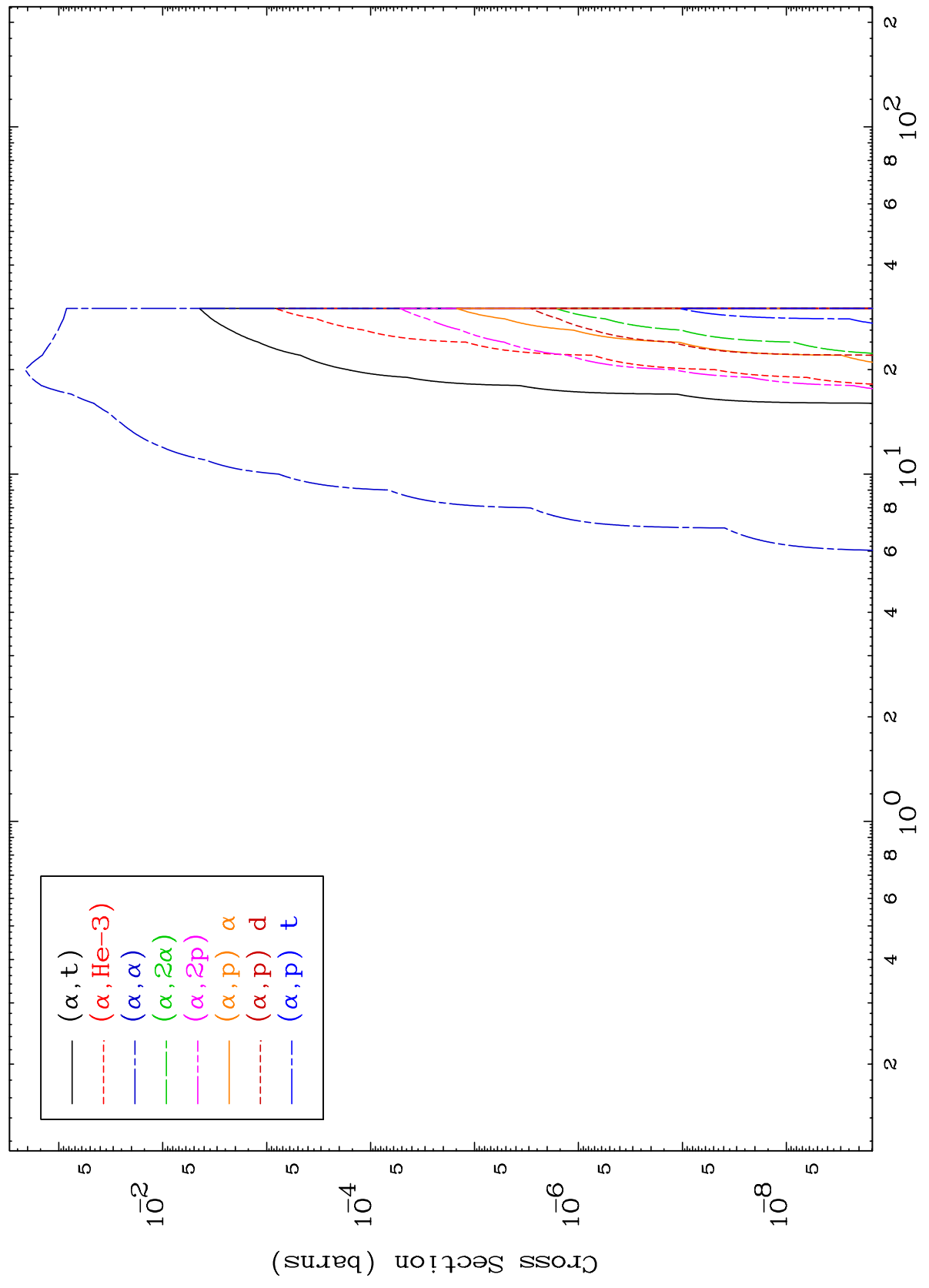


MAT 3440

α Charged Particle

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

0 Kelvin Cross Sections

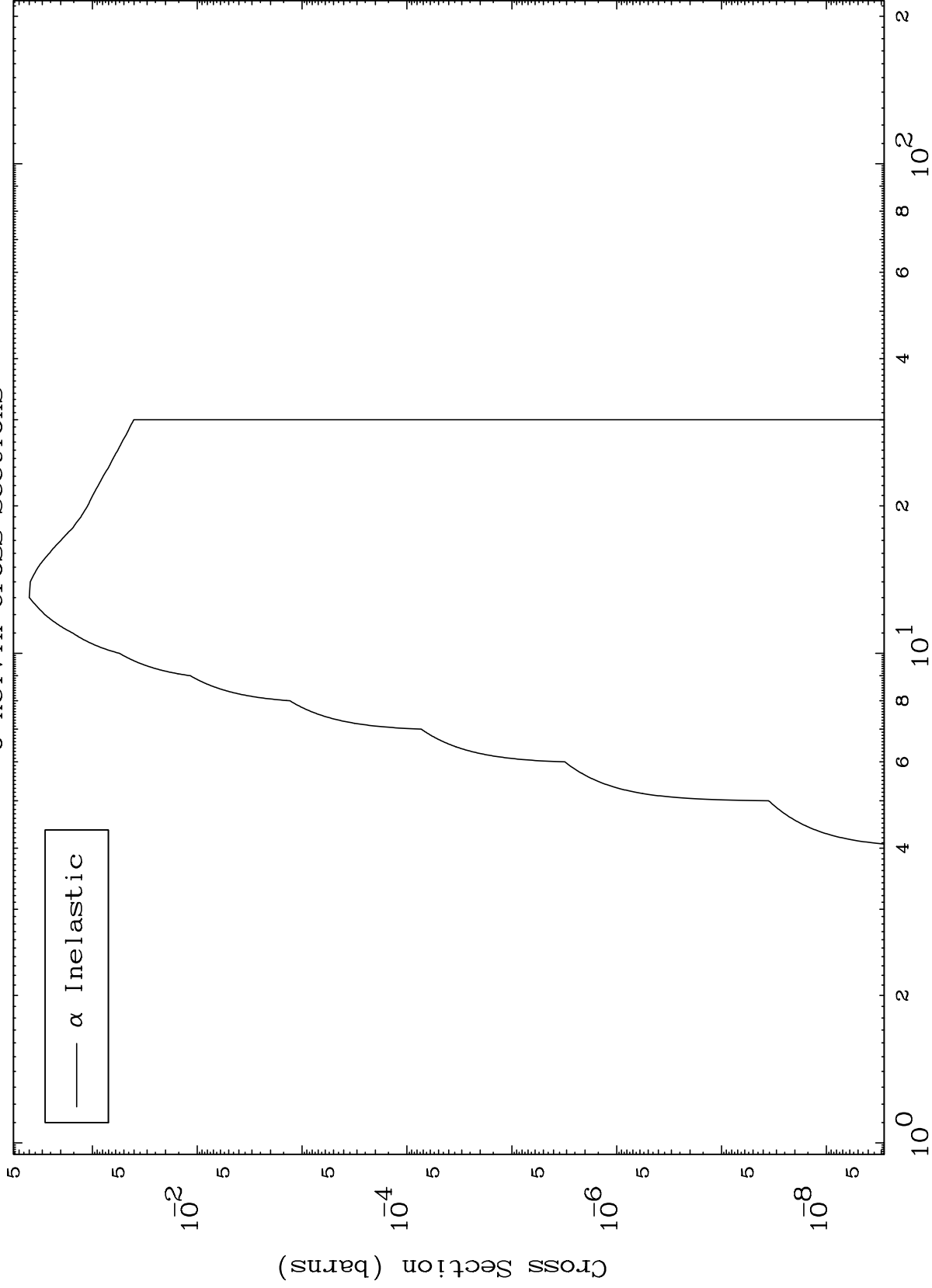


MAT 3440

(α, n') Level

³⁴Se-79

0 Kelvin Cross Sections



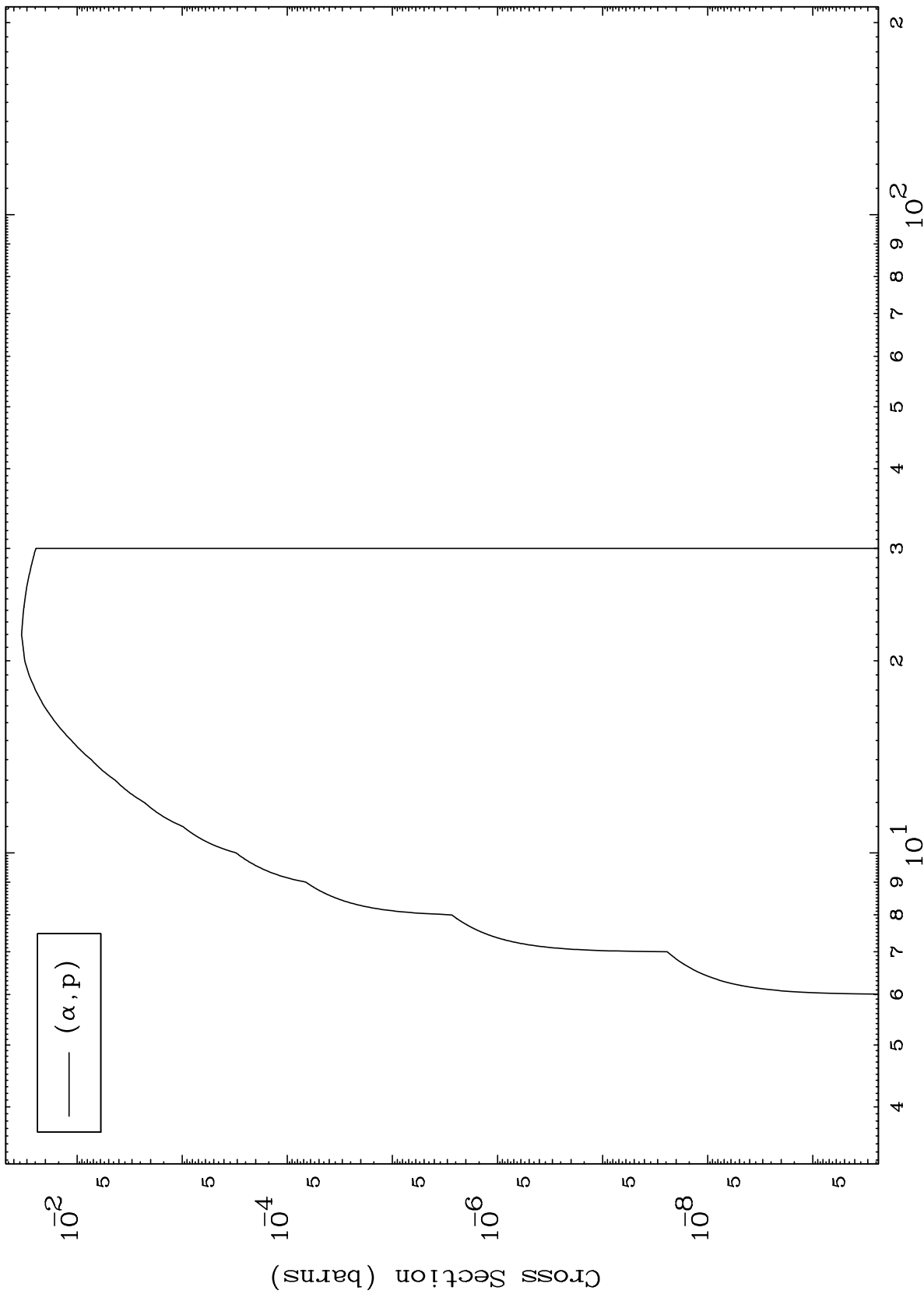
Incident Energy (MeV)

³⁴Se-79

MAT 3440

34-Se-79

(α, p) Levels
0 Kelvin Cross Sections



34-Se-79

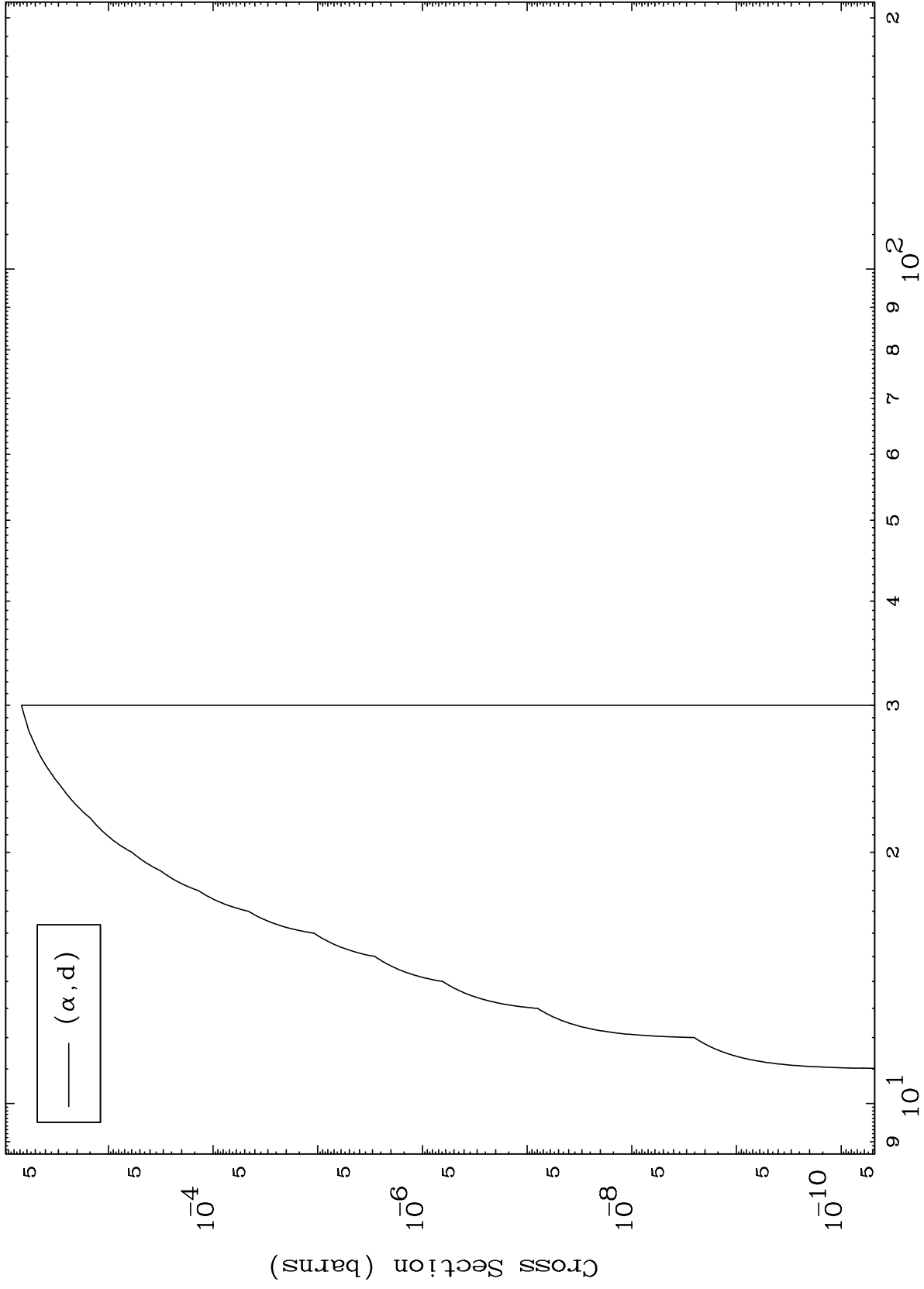
Incident Energy (MeV)

6

MAT 3440

(α, d) Levels
0 Kelvin Cross Sections

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



Incident Energy (MeV)

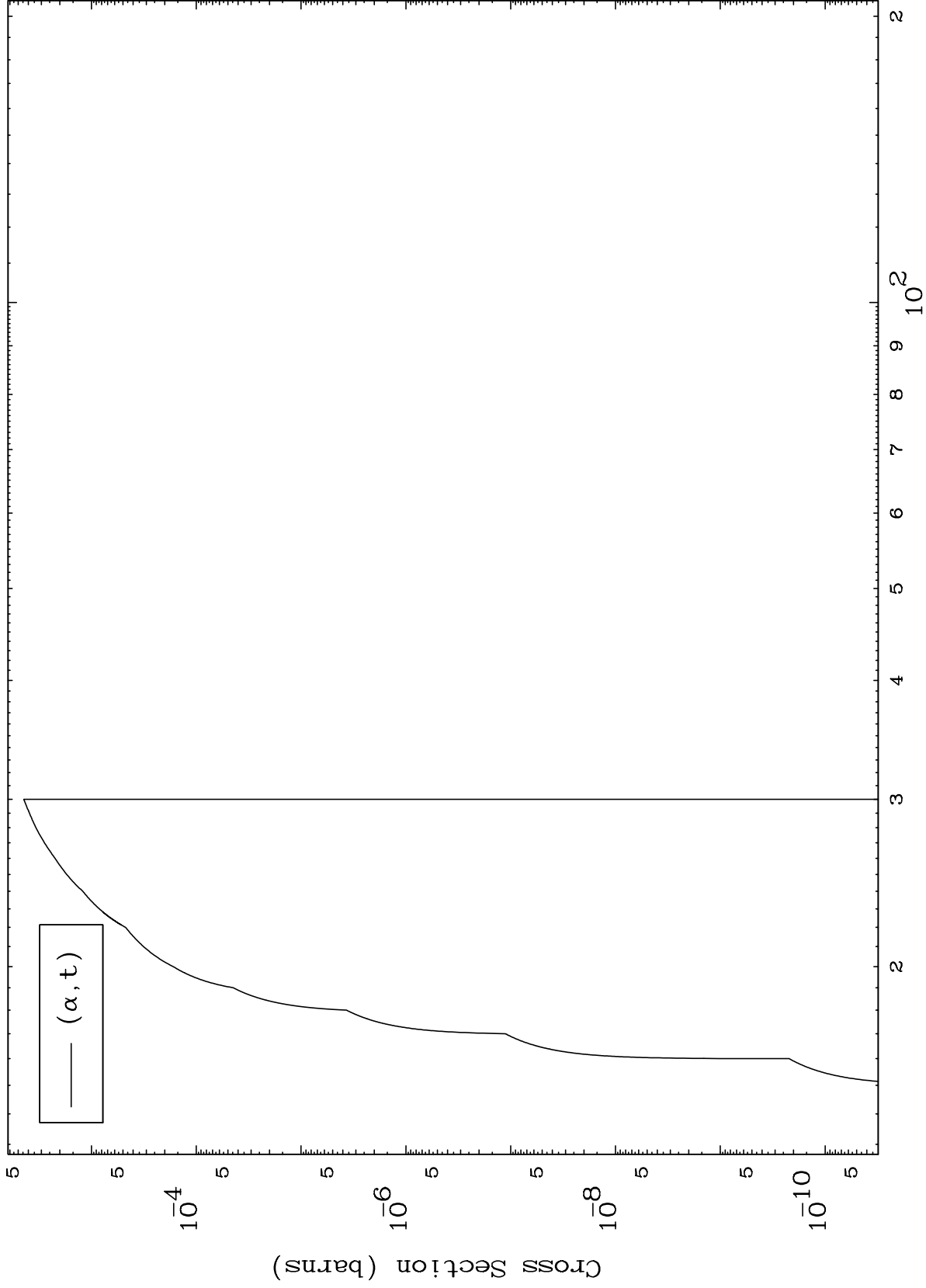
$^{34}\text{Se-79}$

7

MAT 3440

(α, t) Levels
0 Kelvin Cross Sections

³⁴Se-79



8

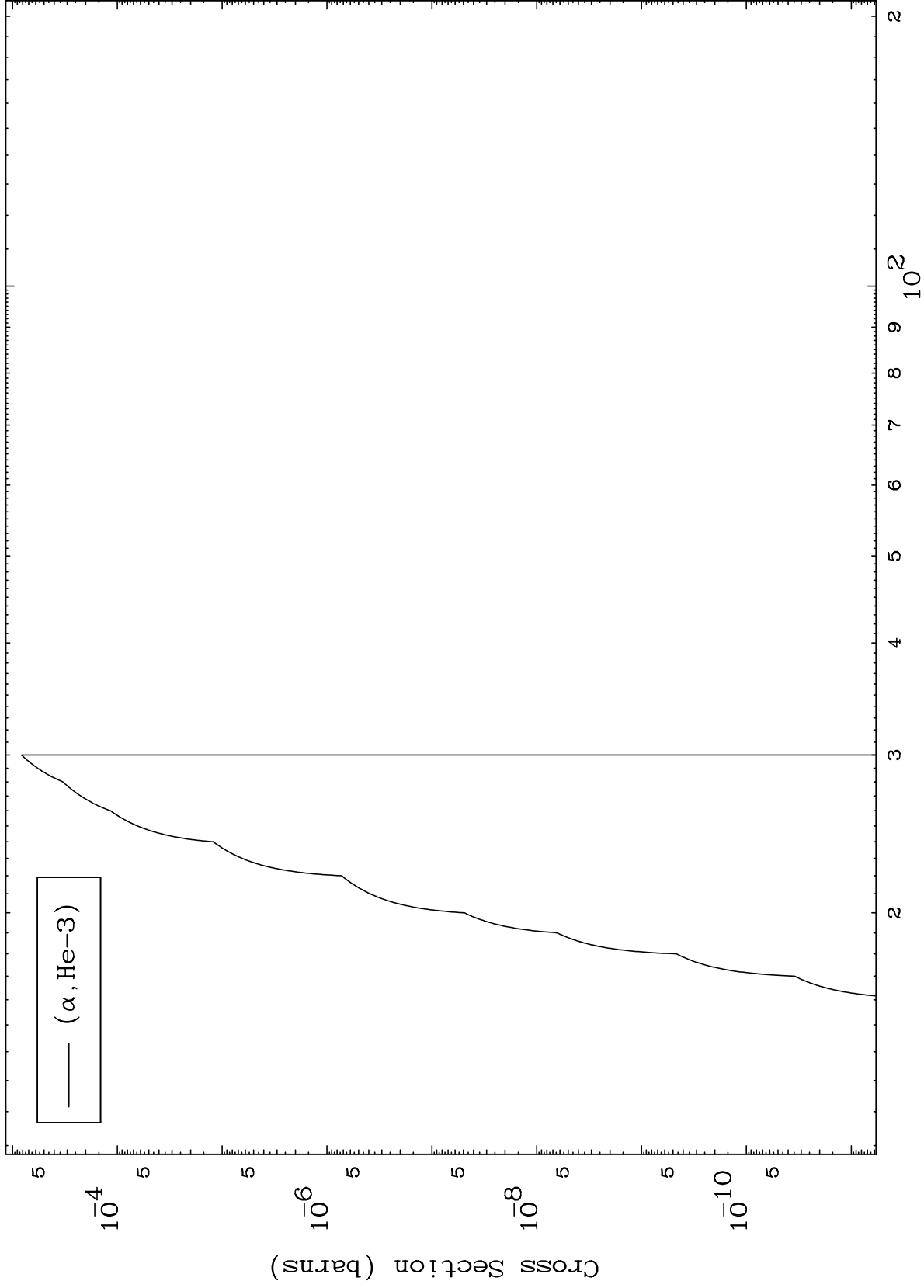
Incident Energy (MeV)

³⁴Se-79

MAT 3440

(α , He3) Levels
0 Kelvin Cross Sections

34-Se-79



9

Incident Energy (MeV)

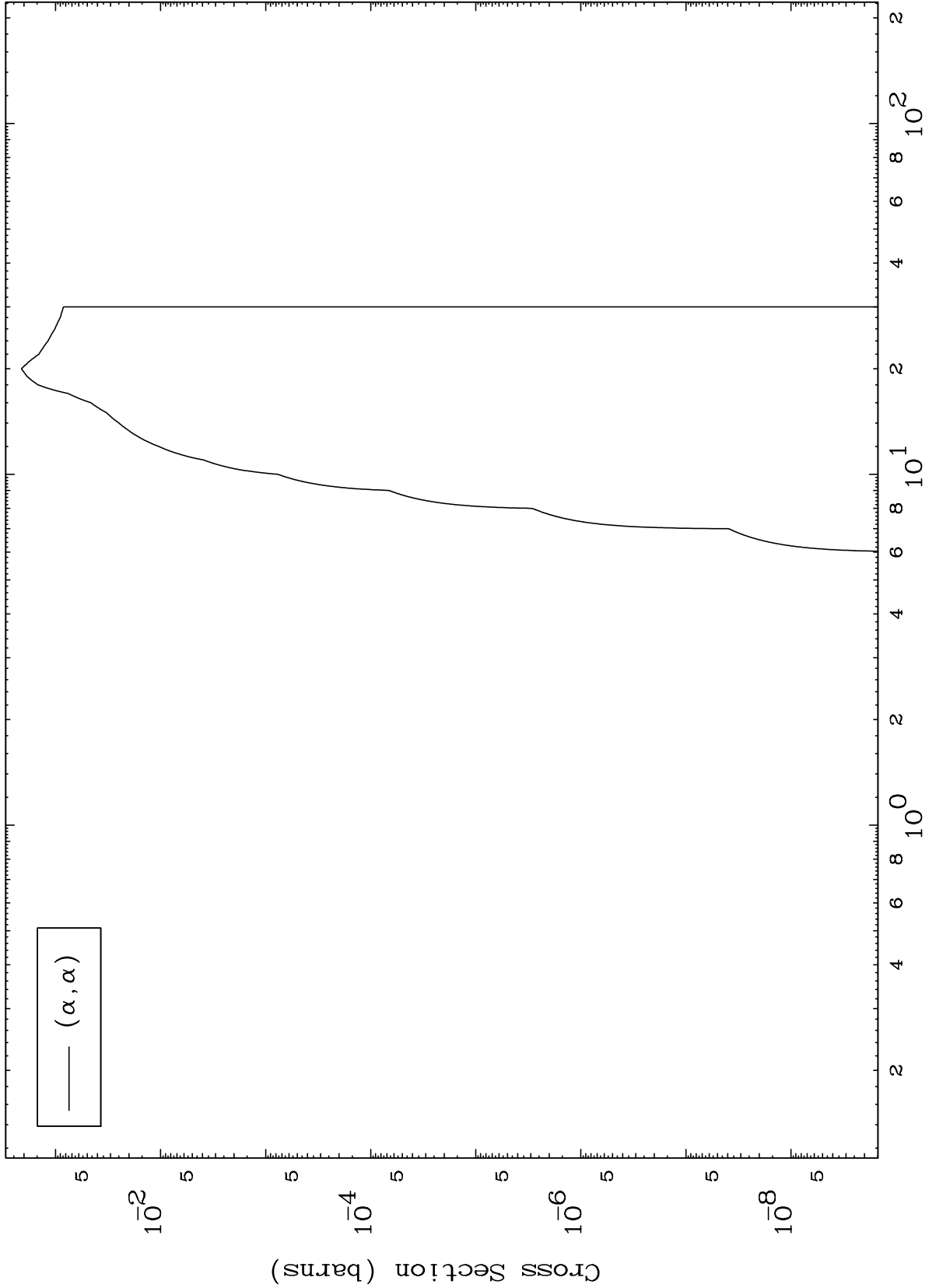
34-Se-79

MAT 3440

(α, α) Levels

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

0 Kelvin Cross Sections

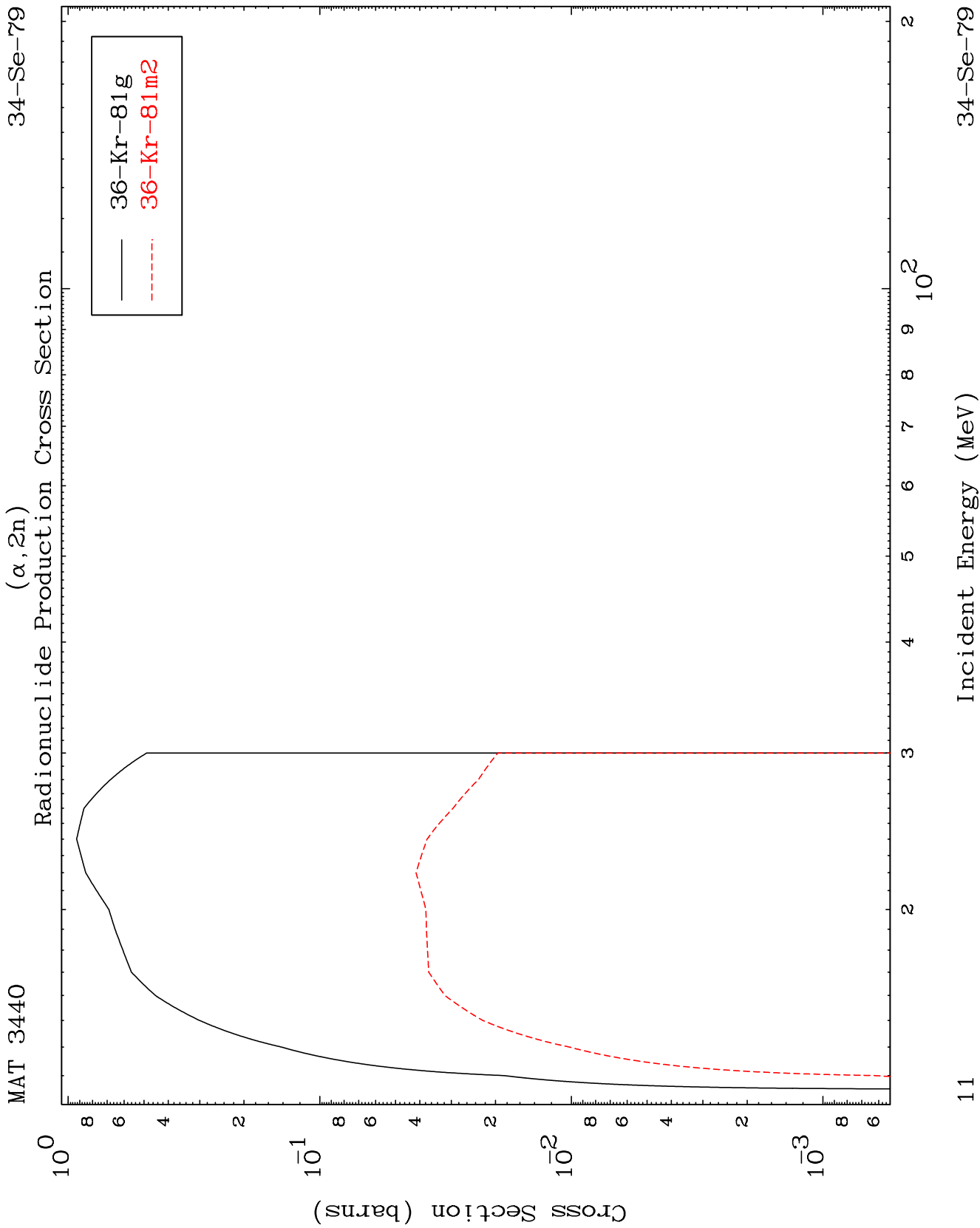


(α, α)

10

Incident Energy (MeV)

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

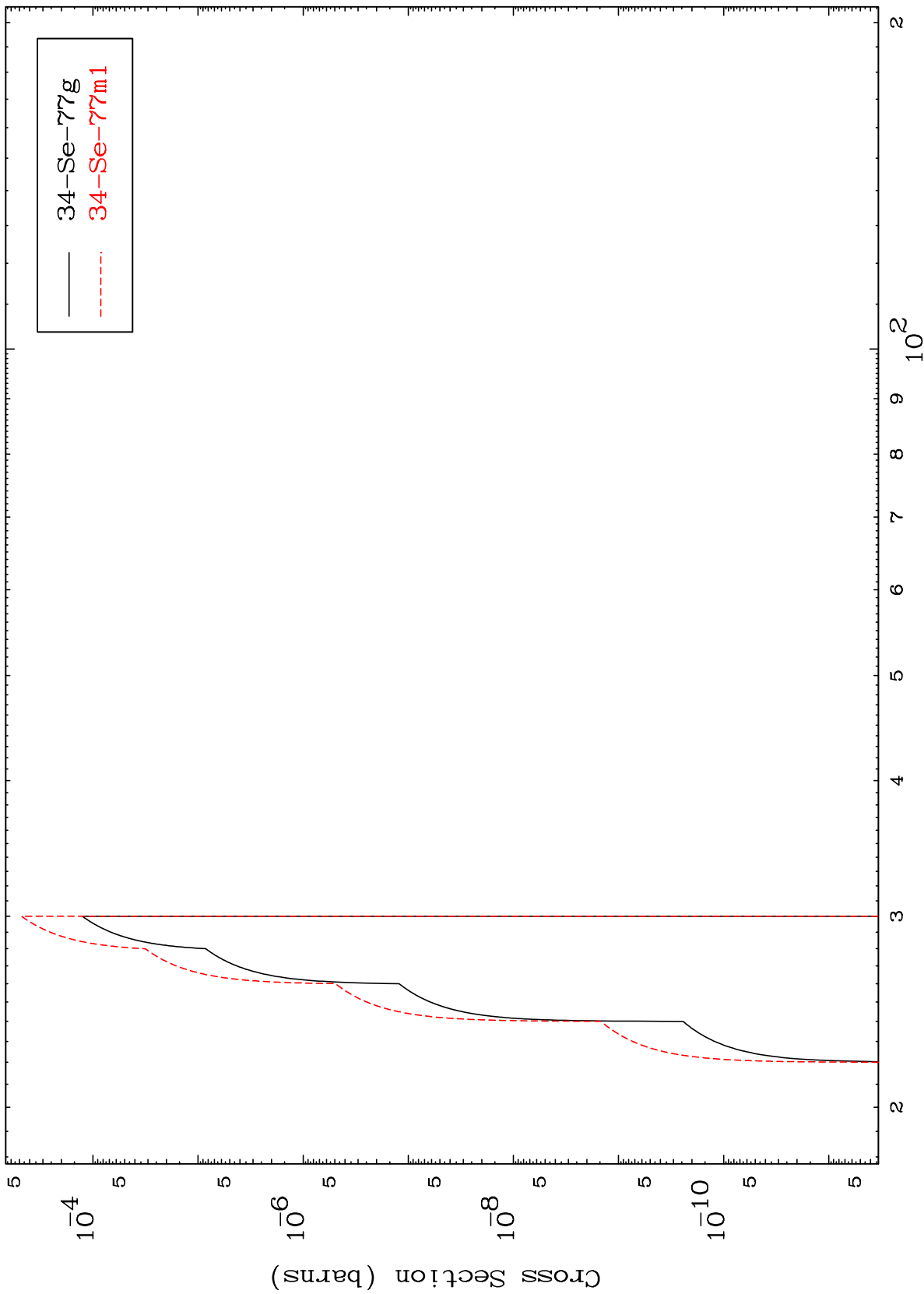


MAT 3440

$(\alpha, 2n)$ α

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

Radionuclide Production Cross Section



12

Incident Energy (MeV)

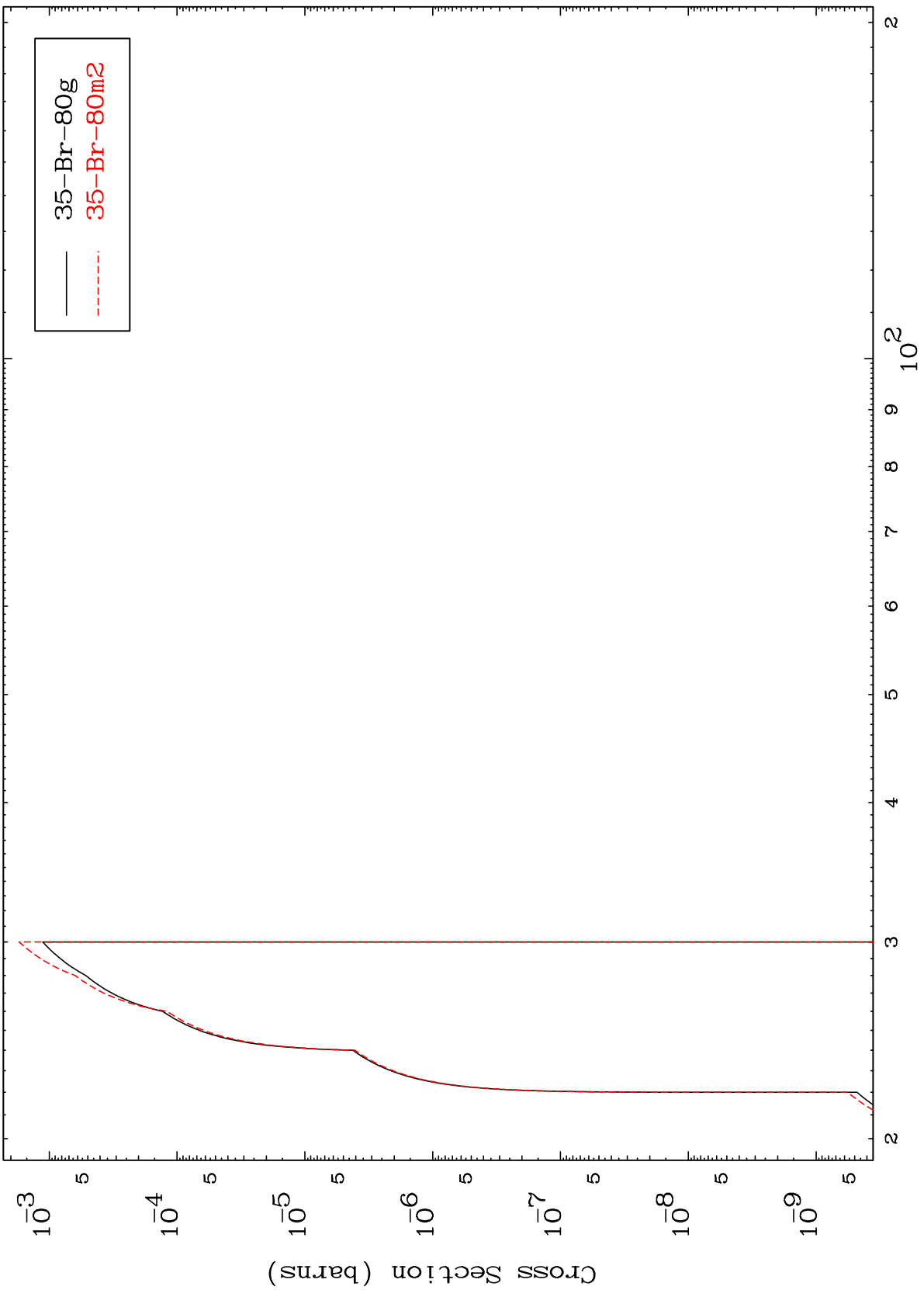
$^{34}\text{Se-79}$

MAT 3440

(α, n') d

34-Se-79

Radionuclide Production Cross Section



13

Incident Energy (MeV)

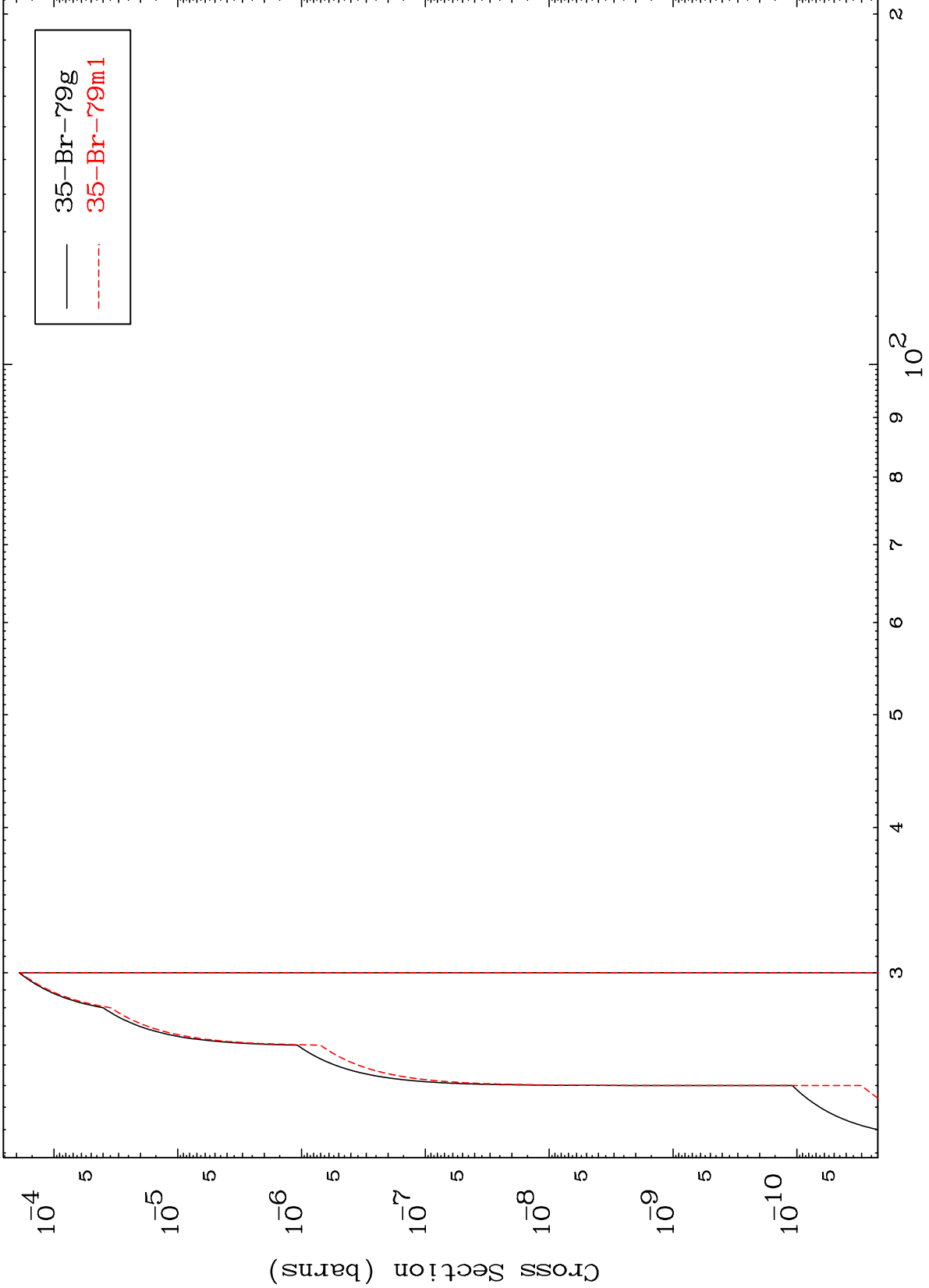
34-Se-79

MAT 3440

(α, n') t

³⁴Se-79

Radionuclide Production Cross Section



14

Incident Energy (MeV)

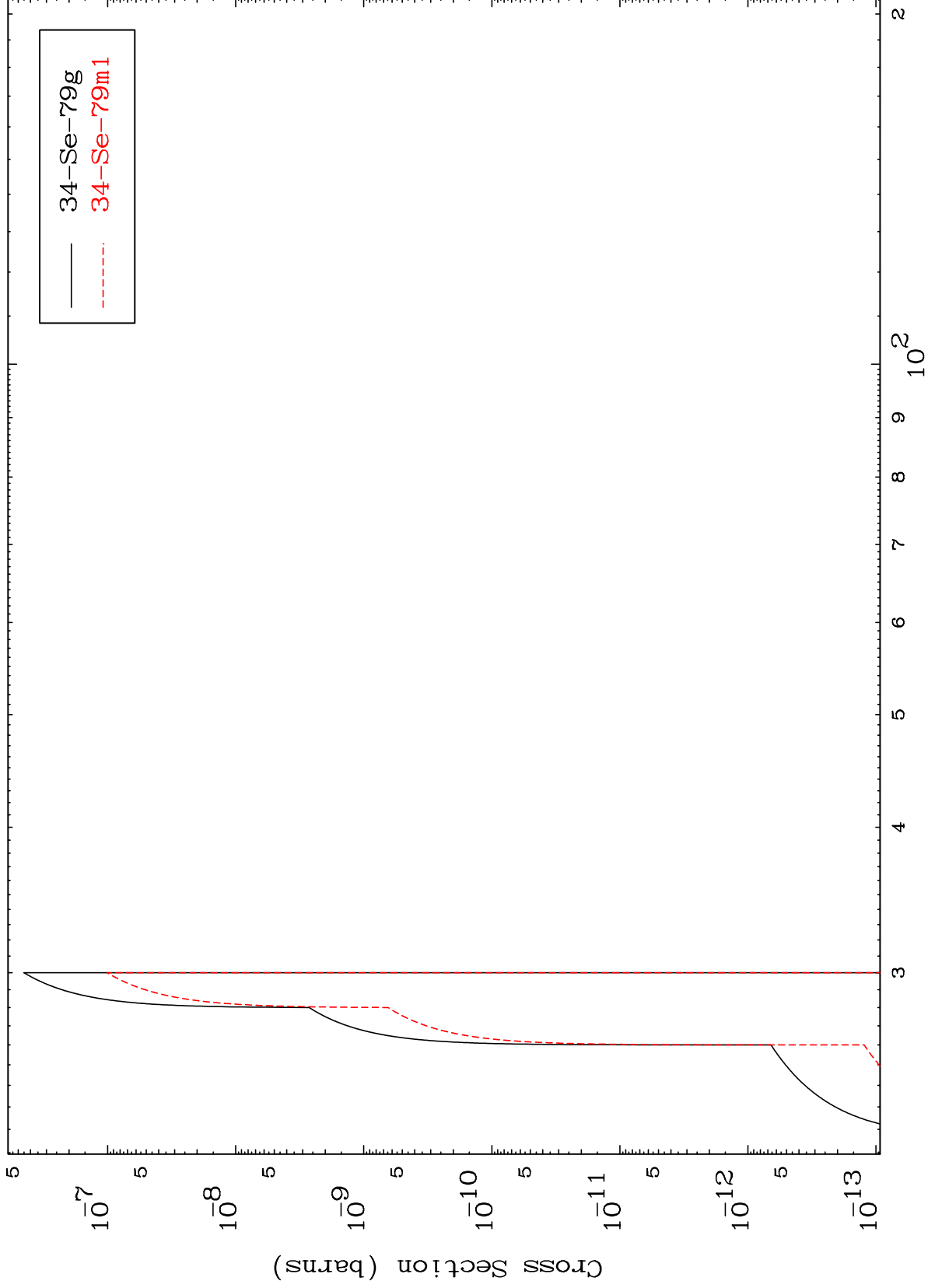
³⁴Se-79

MAT 3440

(α, n') He-3

³⁴Se-79

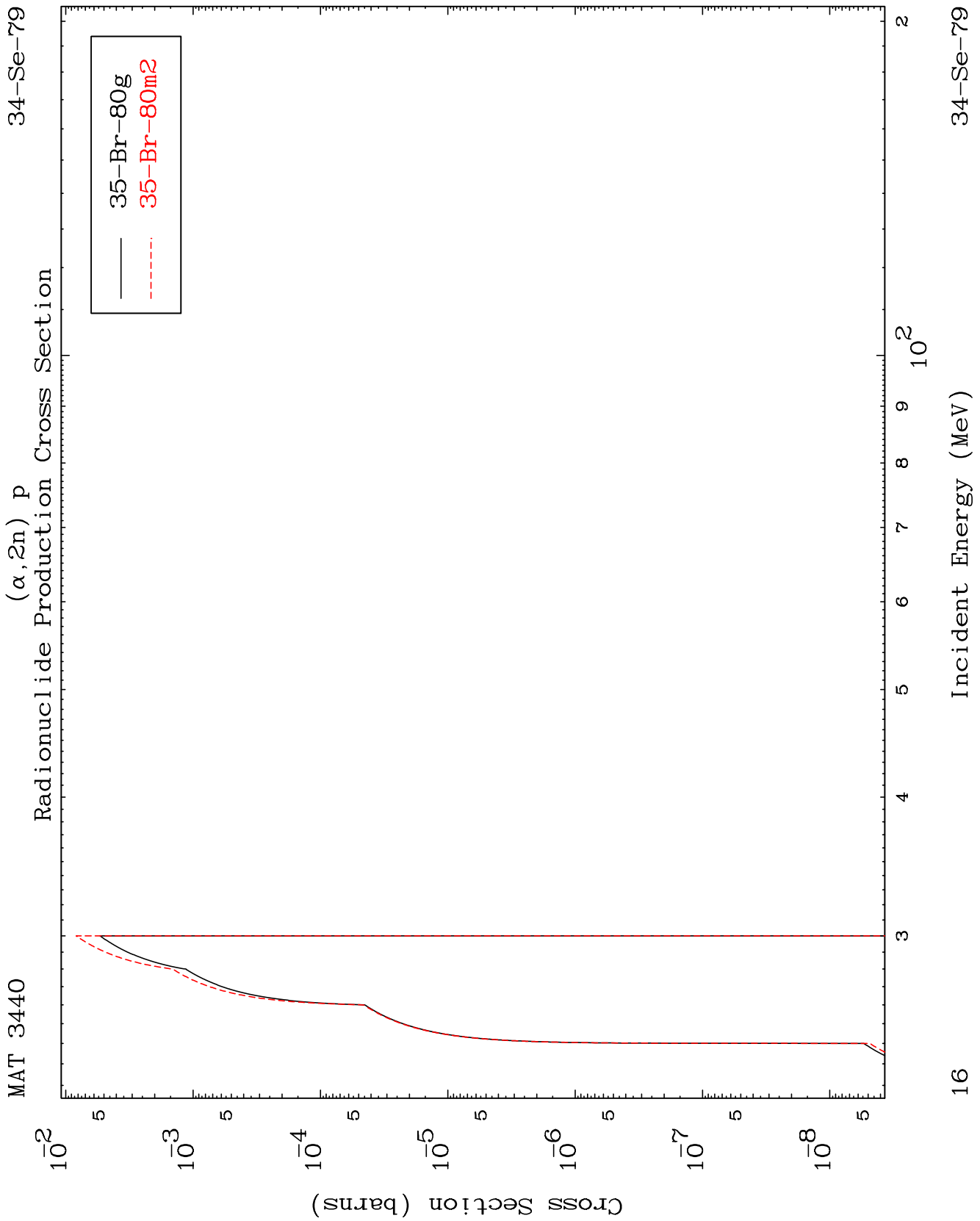
Radionuclide Production Cross Section



15

Incident Energy (MeV)

³⁴Se-79



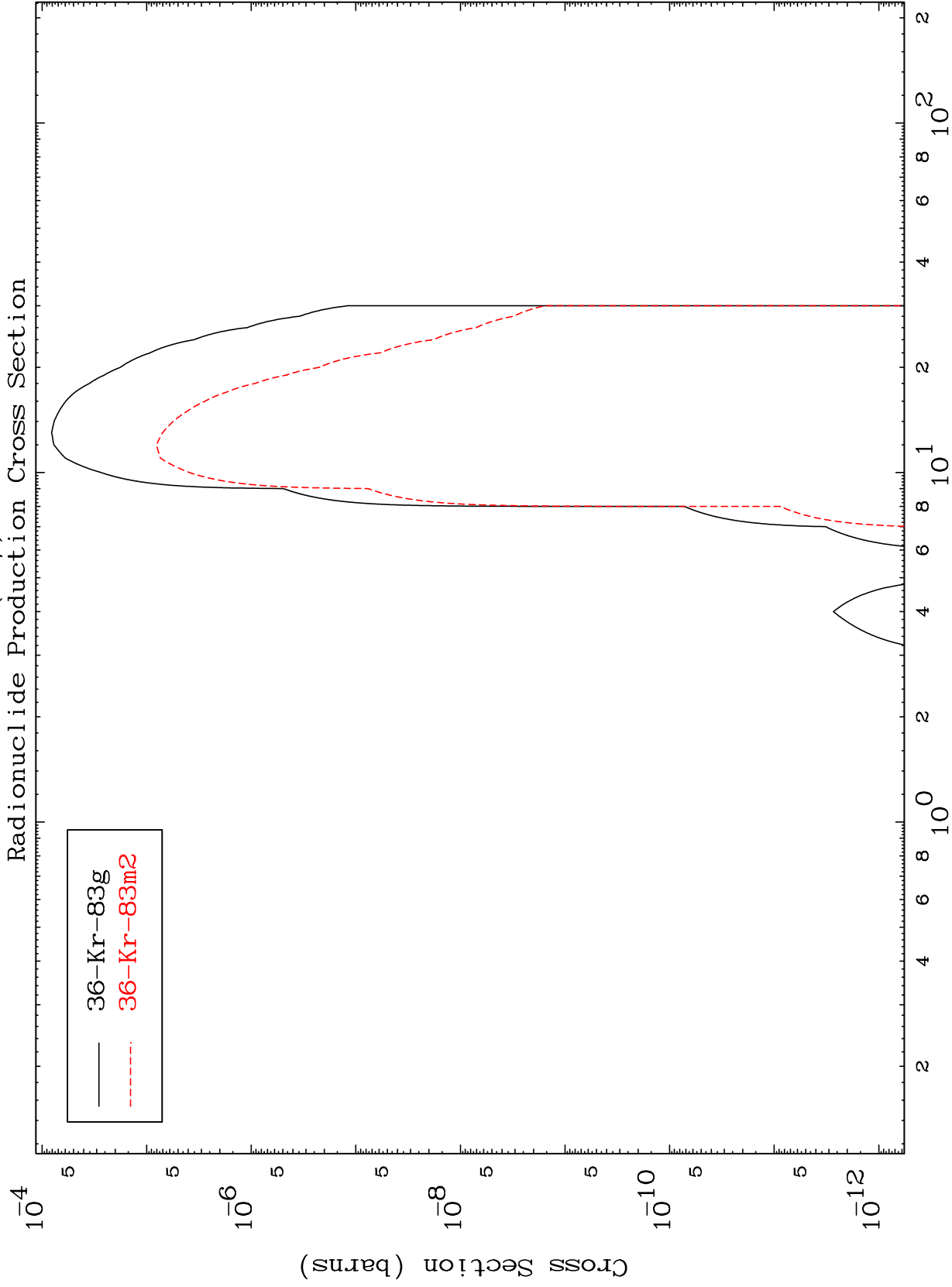
35-Br-80g
 35-Br-80m2

MAT 3440

(α, γ)

³⁴Se-79

Radionuclide Production Cross Section



17

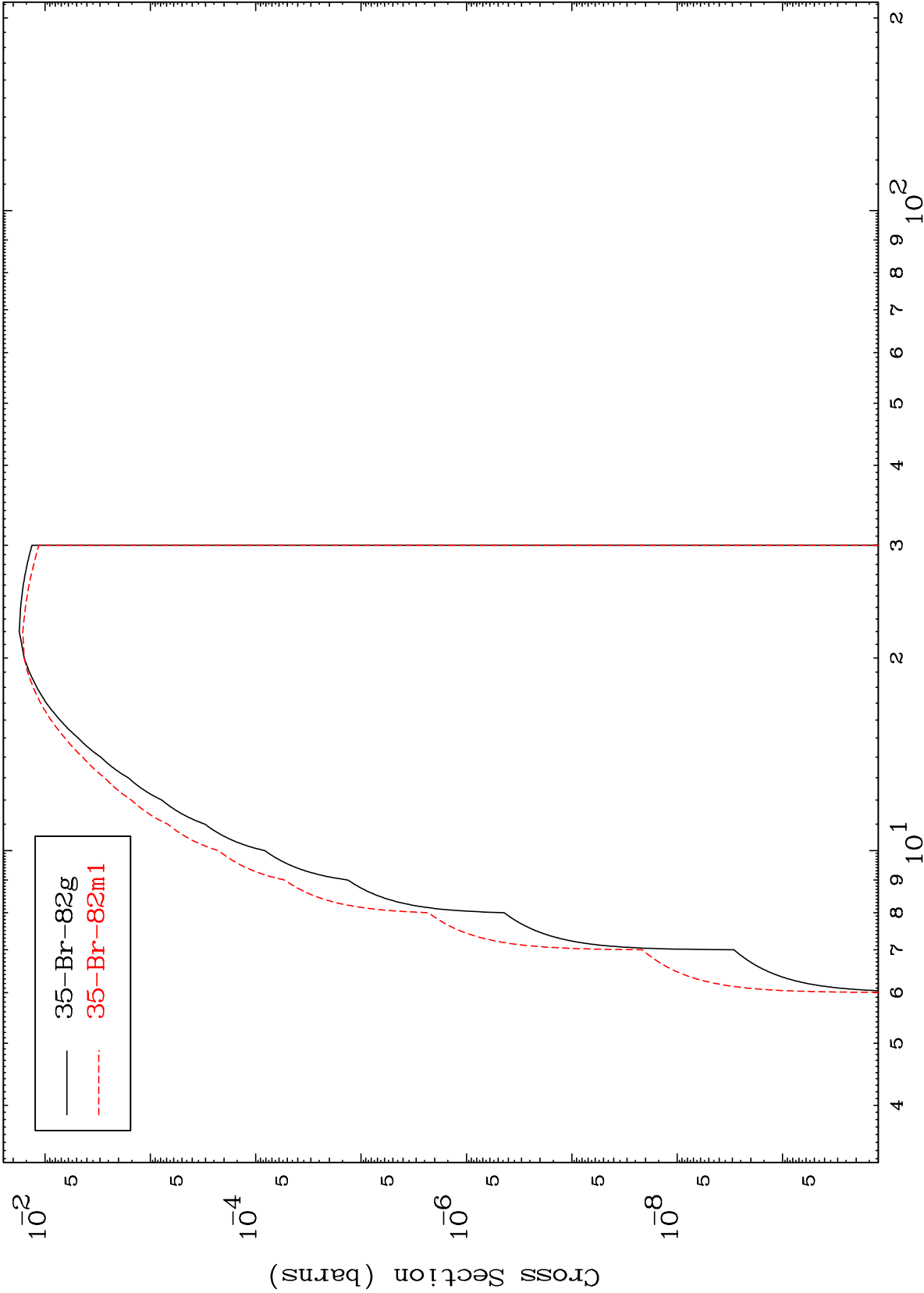
Incident Energy (MeV)

³⁴Se-79

MAT 3440

³⁴Se-79

(α, p)
Radionuclide Production Cross Section



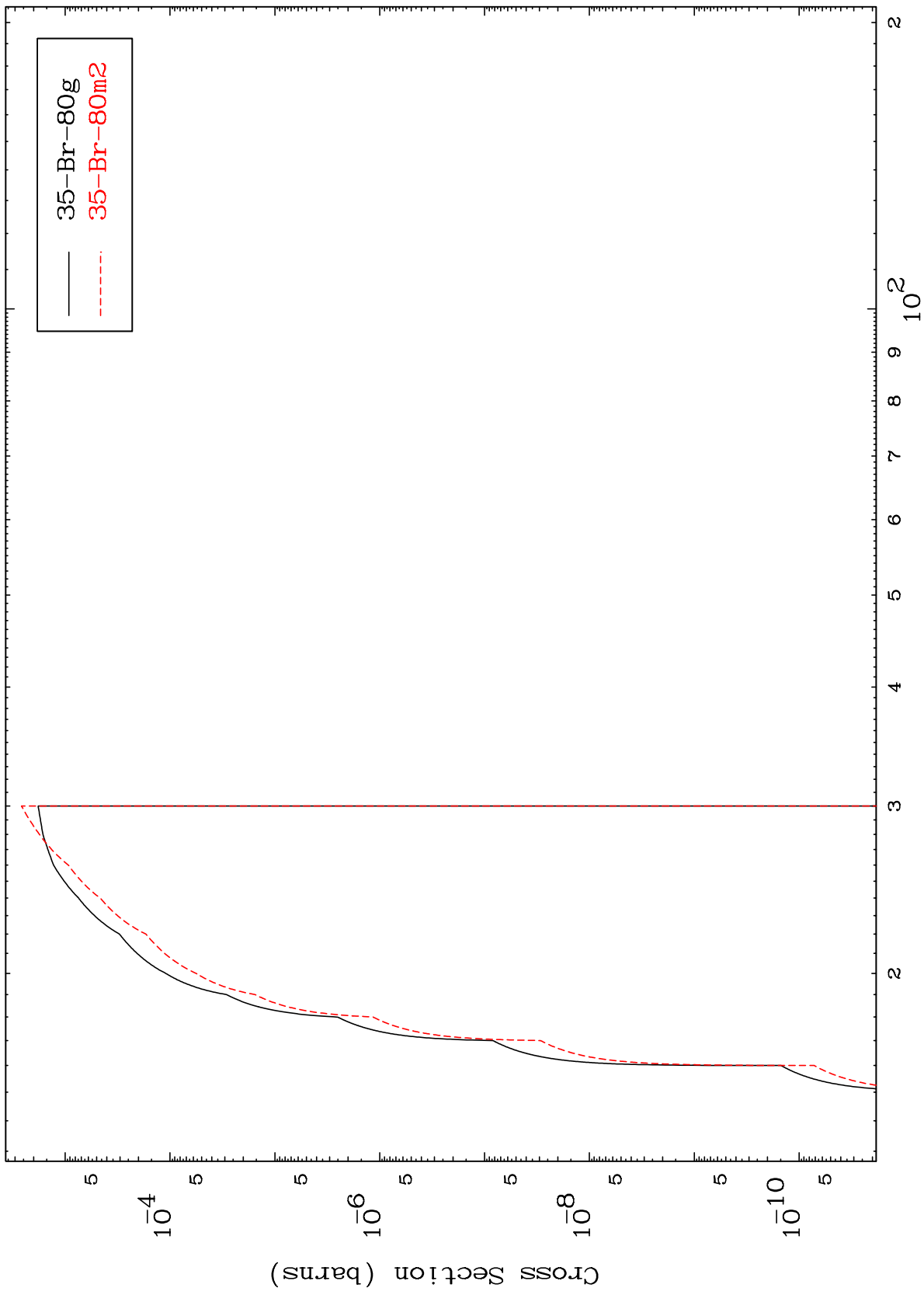
18

³⁴Se-79

MAT 3440

³⁴Se-79

(α, t)
Radionuclide Production Cross Section



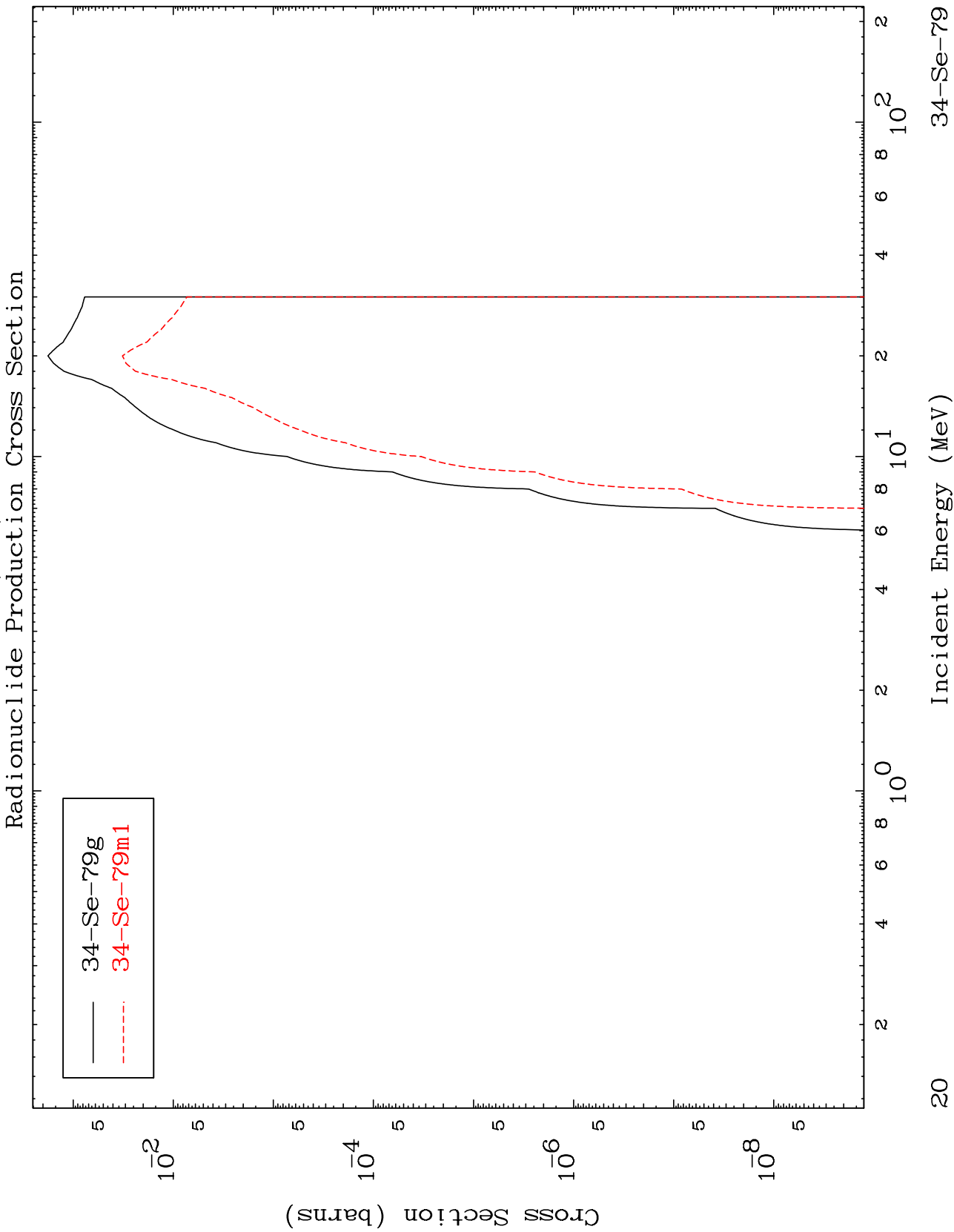
³⁴Se-79

Incident Energy (MeV)

19

MAT 3440

³⁴Se-79

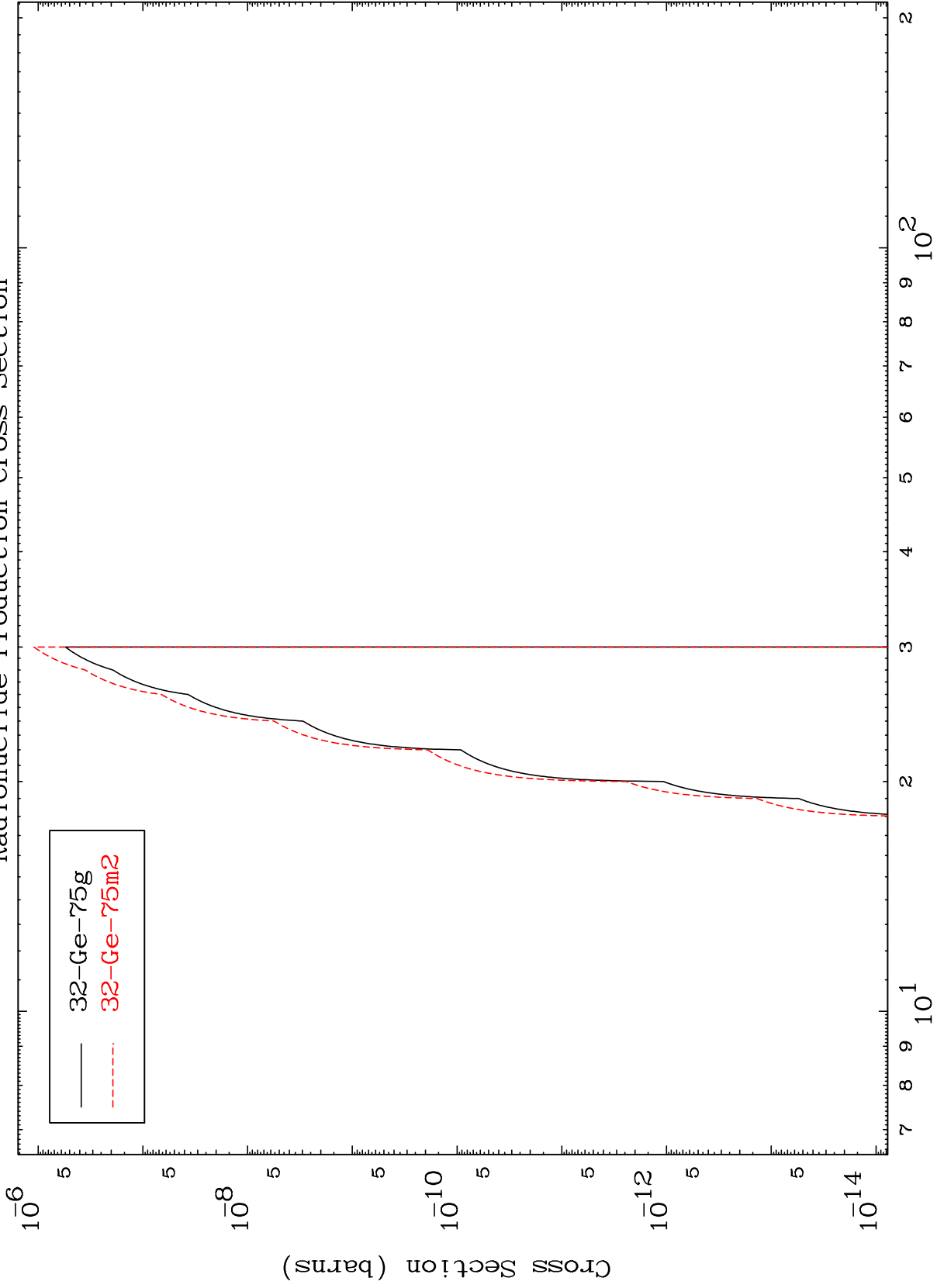


— ³⁴Se-79g
- - - ³⁴Se-79m1

MAT 3440

³⁴Se-79

Radionuclide Production Cross Section

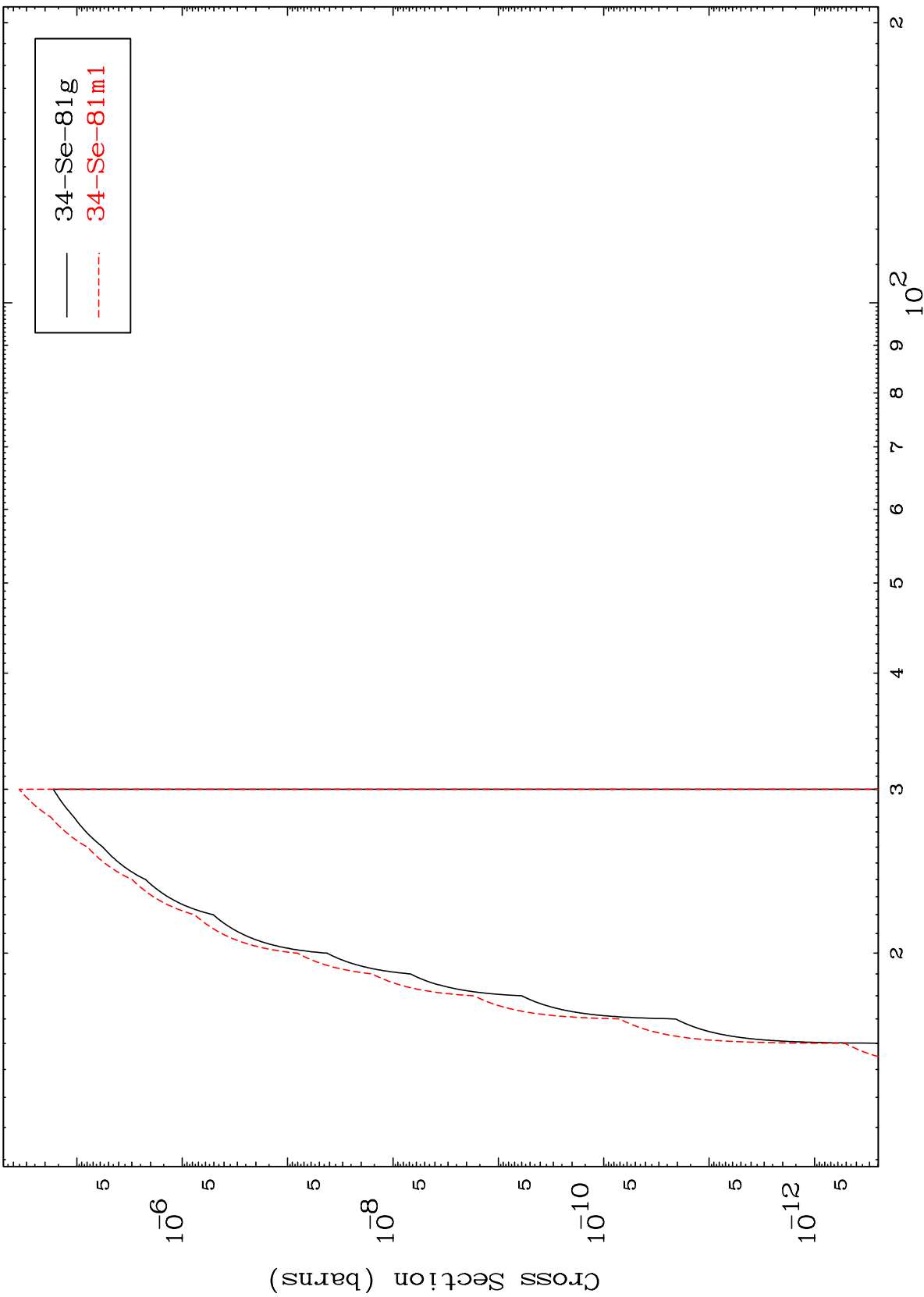


Incident Energy (MeV)

³⁴Se-79

21

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

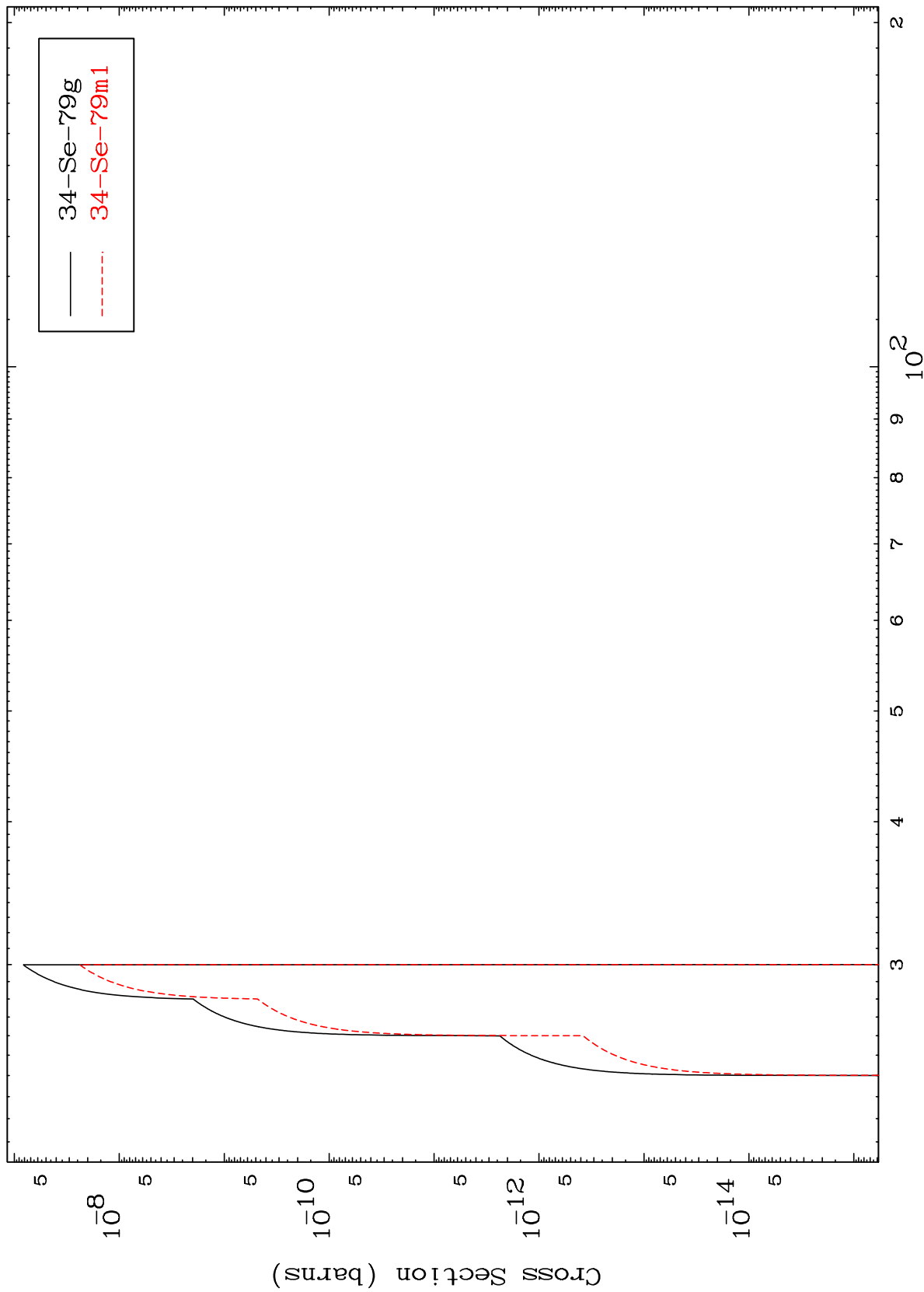


MAT 3440

(α, p) t

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

Radionuclide Production Cross Section



23

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