

Program EVALPLOT
(Version 2021-1)

by

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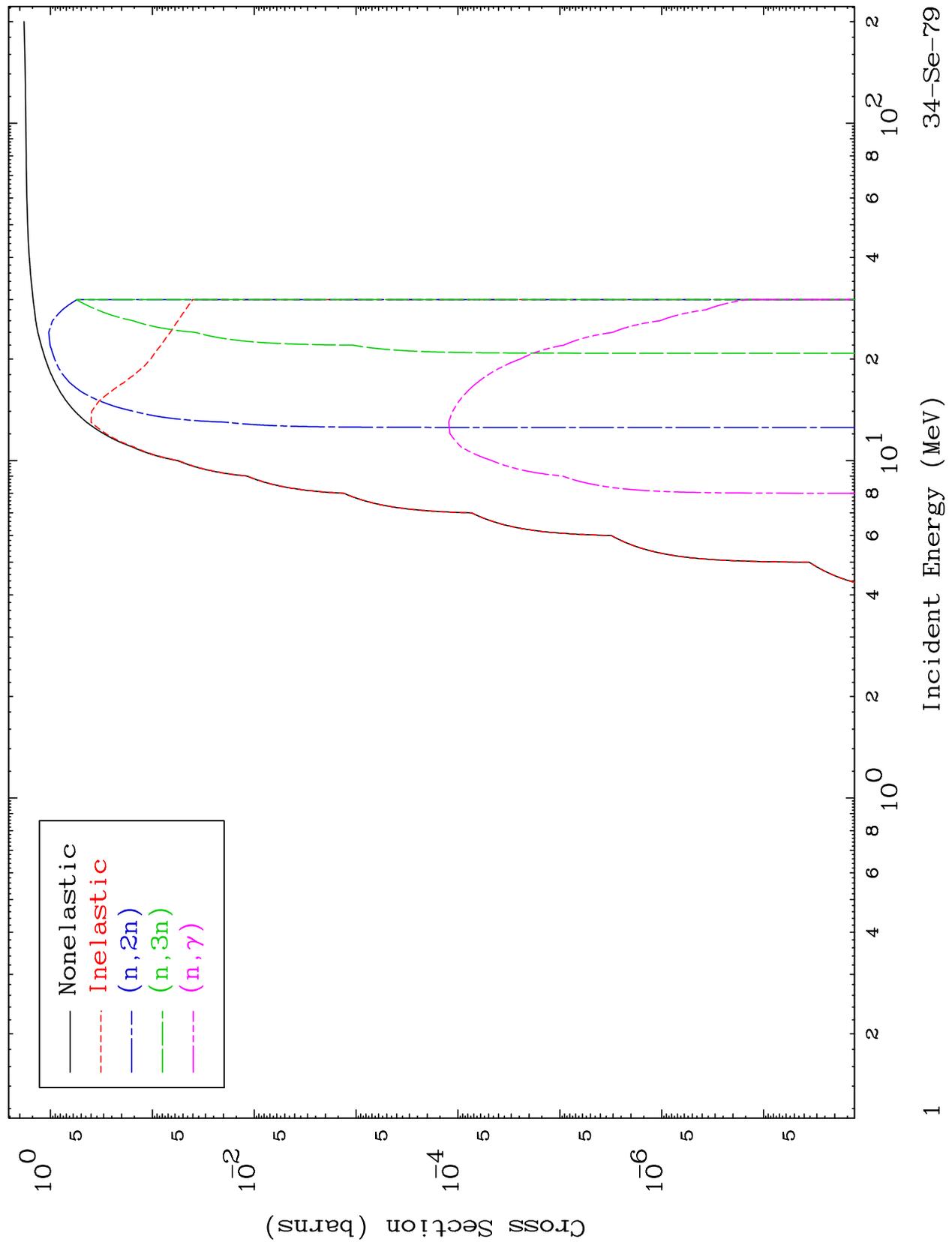
Press Mouse Button to Start

MAT 3440

0 Kelvin

α Major Cross Sections

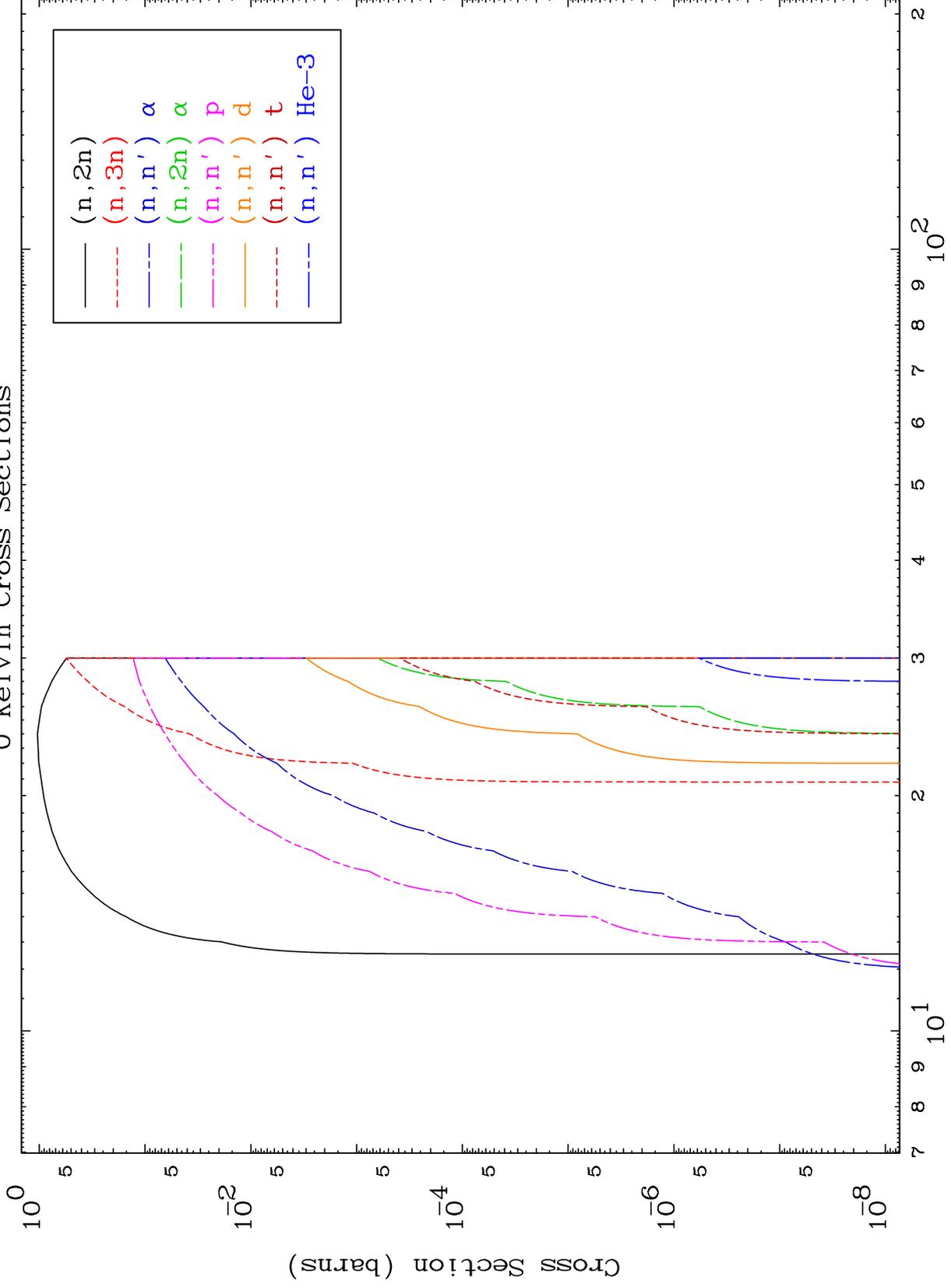
³⁴Se-79



MAT 3440

α Neutron Absorption
0 Kelvin Cross Sections

34-Se-79



2

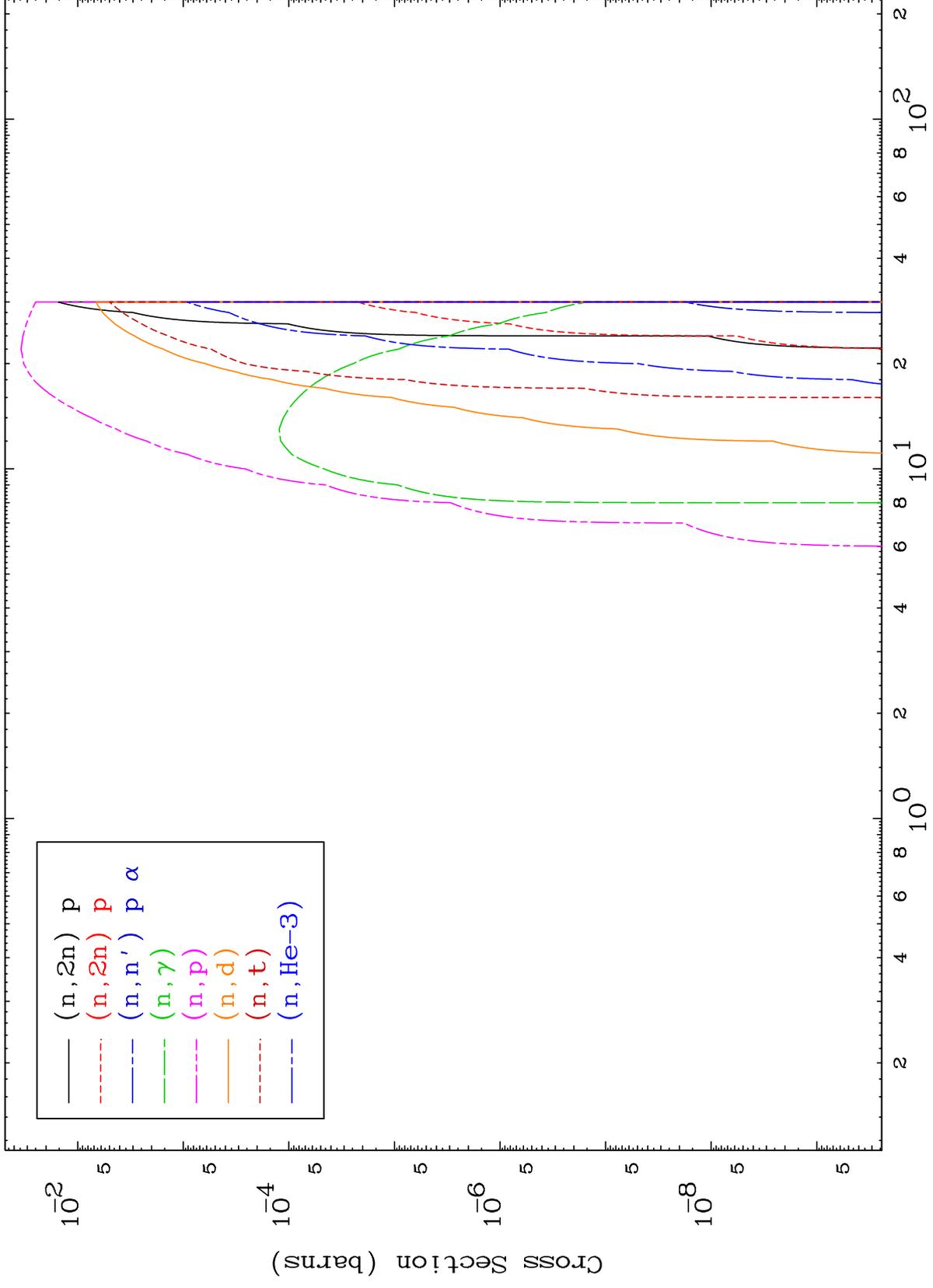
Incident Energy (MeV)

34-Se-79

MAT 3440

α Neutron Absorption
0 Kelvin Cross Sections

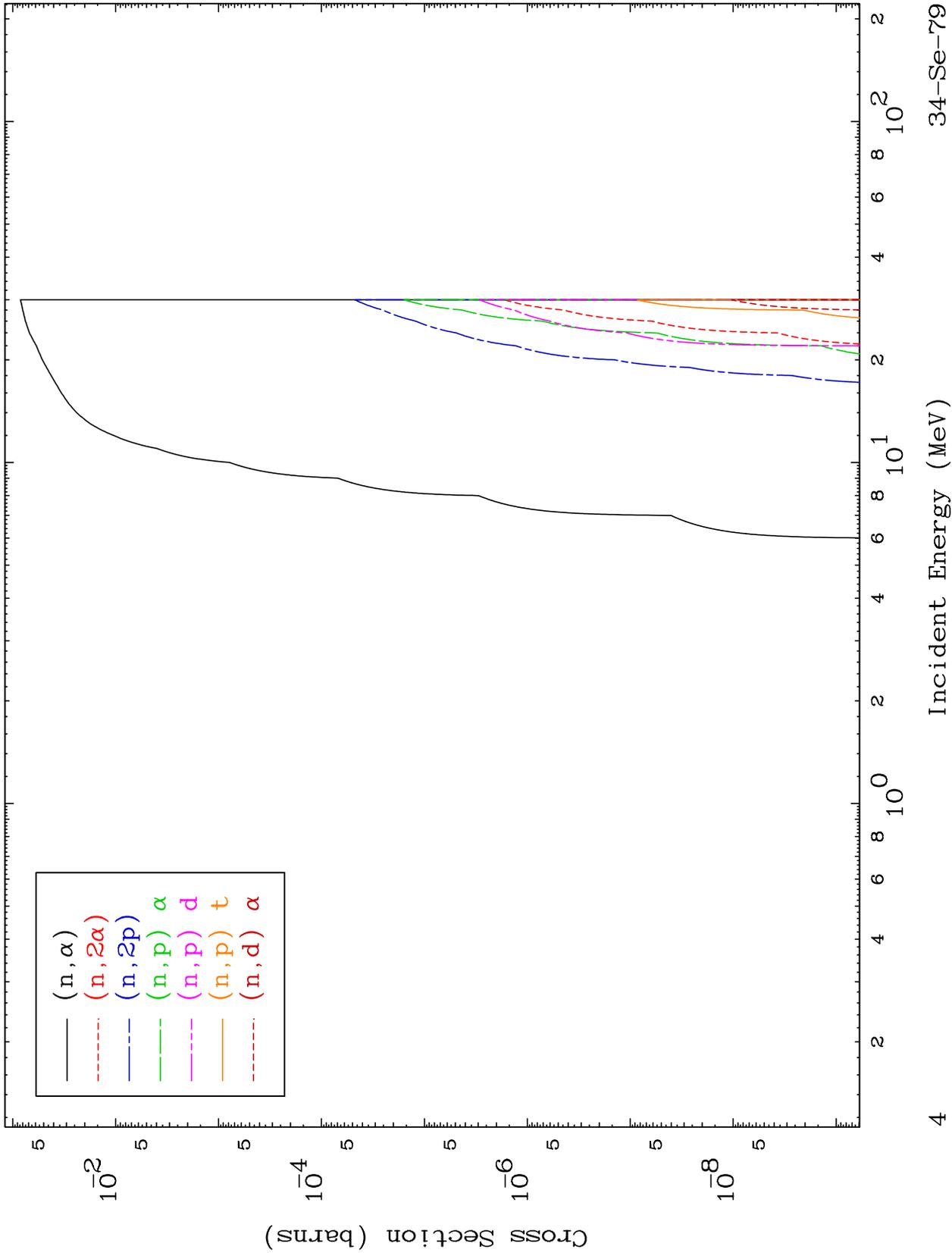
³⁴Se-79

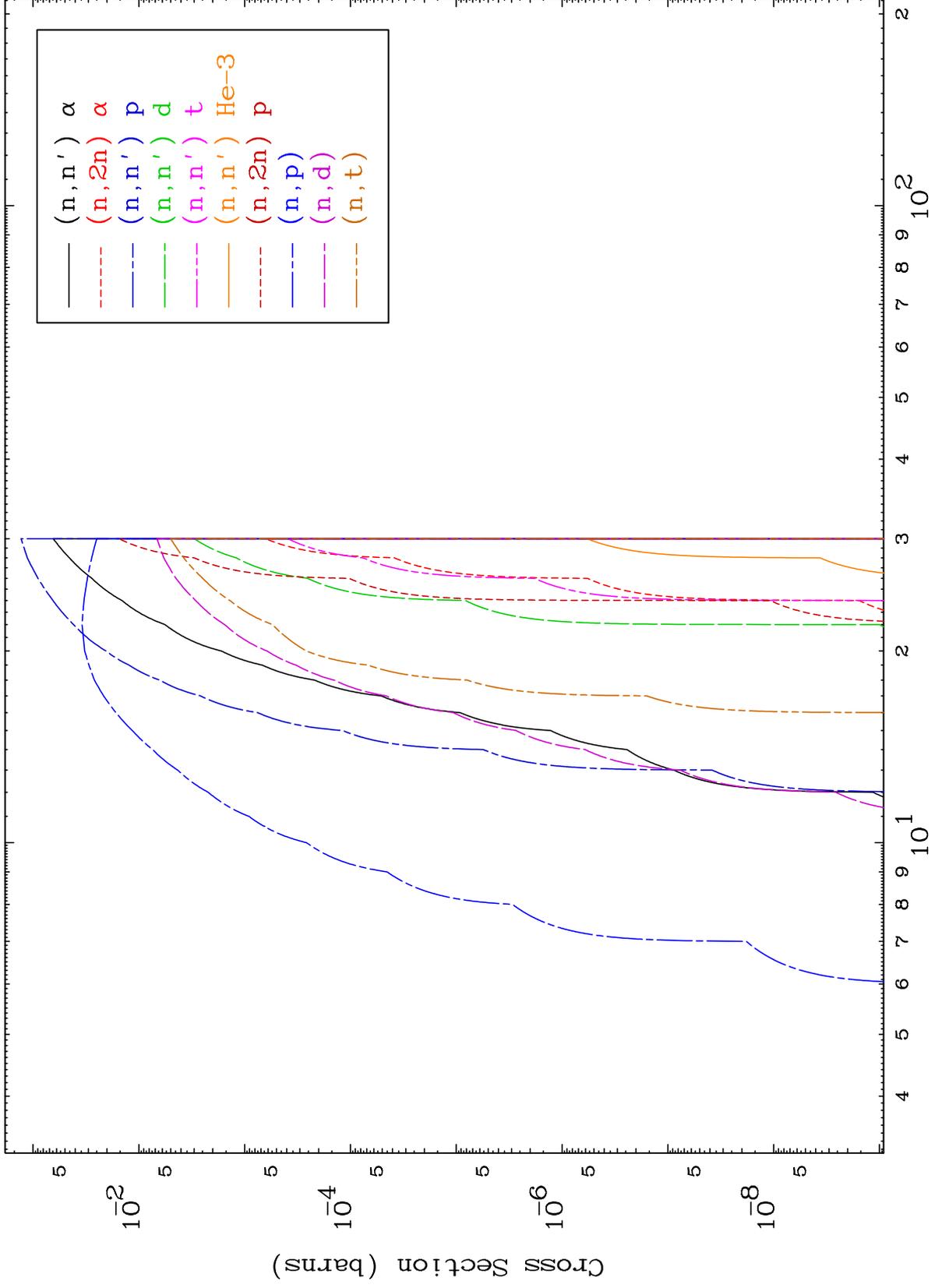


MAT 3440

α Neutron Absorption
0 Kelvin Cross Sections

³⁴Se-79

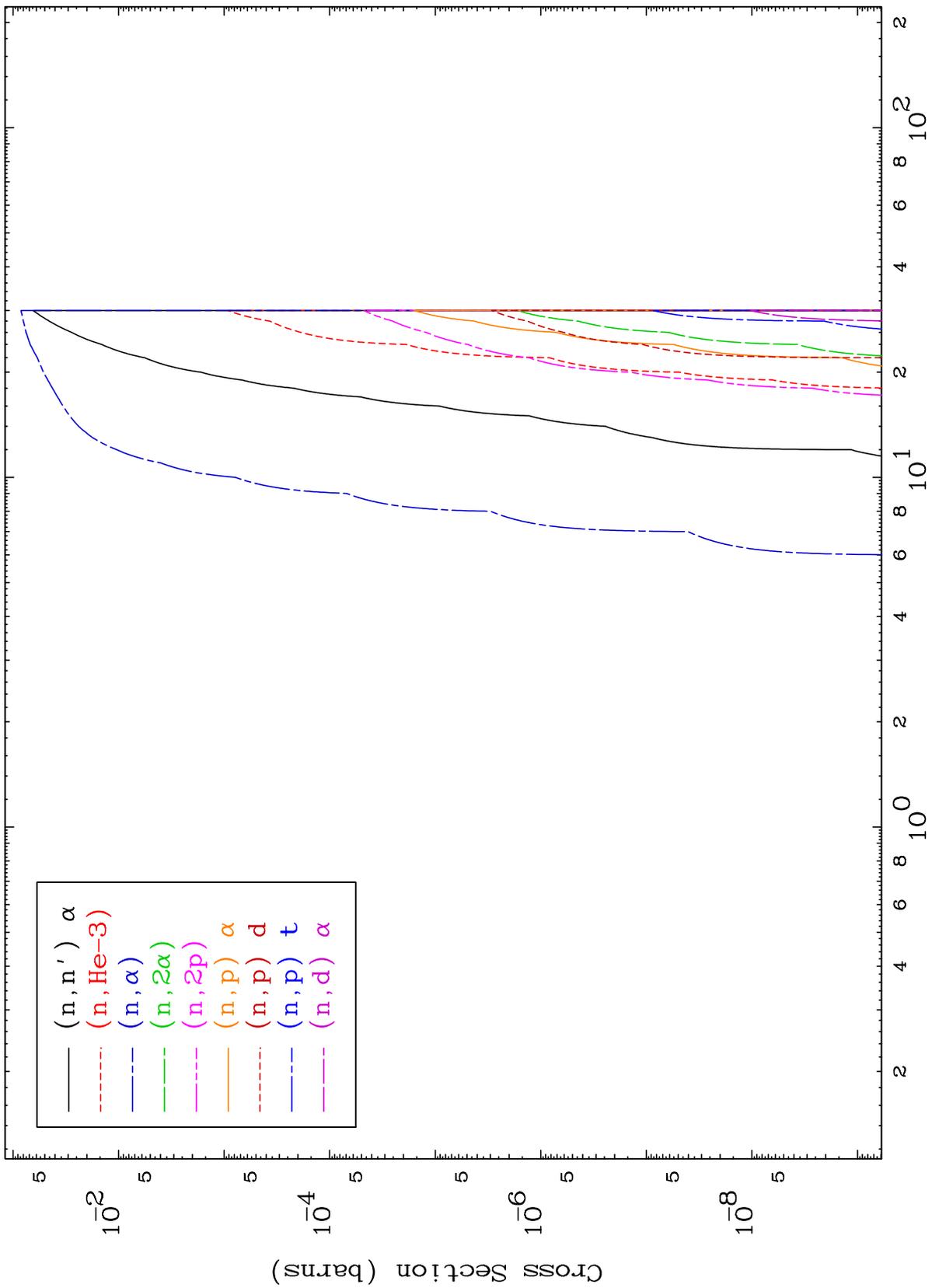




MAT 3440

α Charged Particle
0 Kelvin Cross Sections

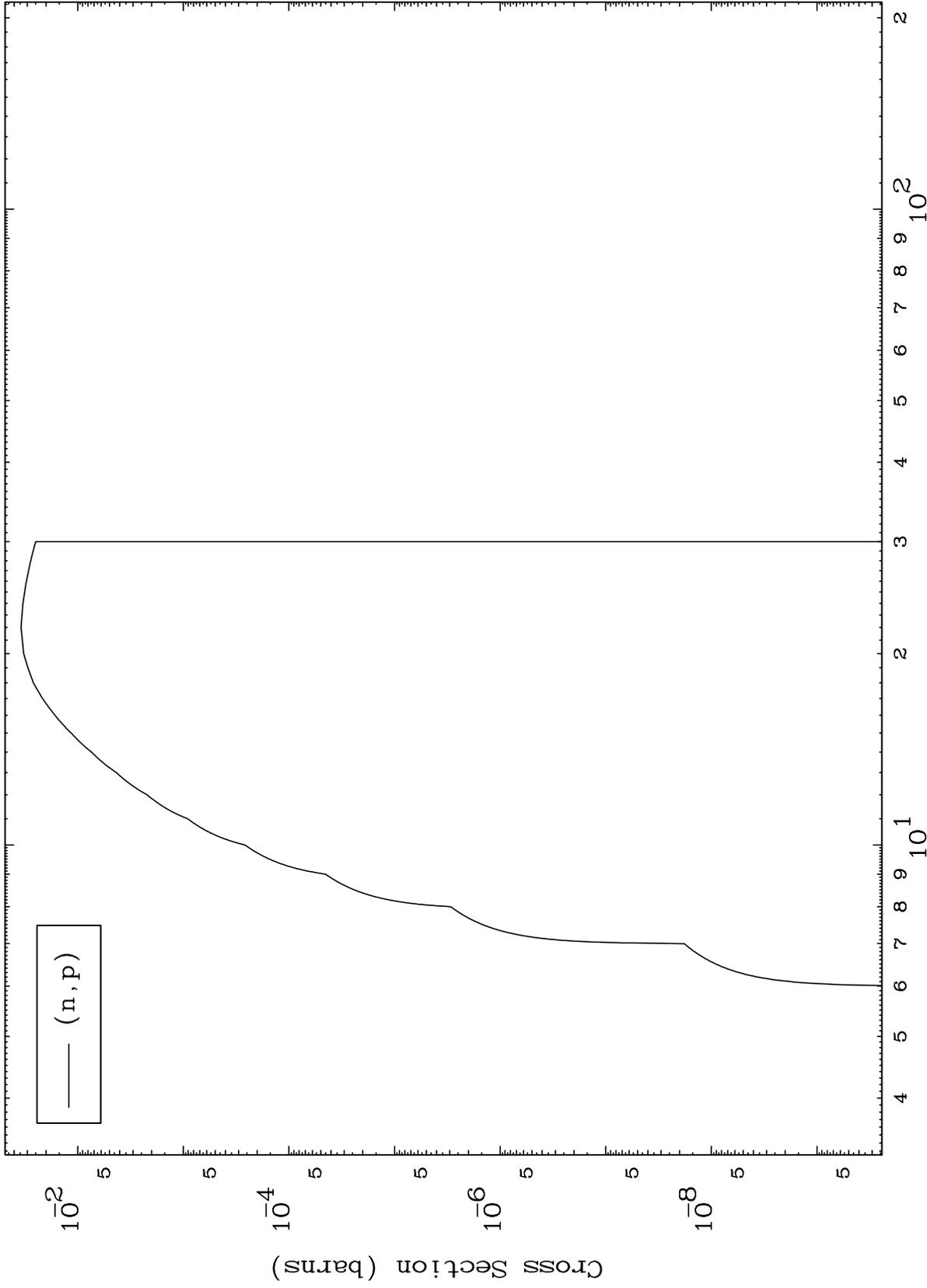
³⁴Se-79



MAT 3440

(α, p) Levels
0 Kelvin Cross Sections

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



7

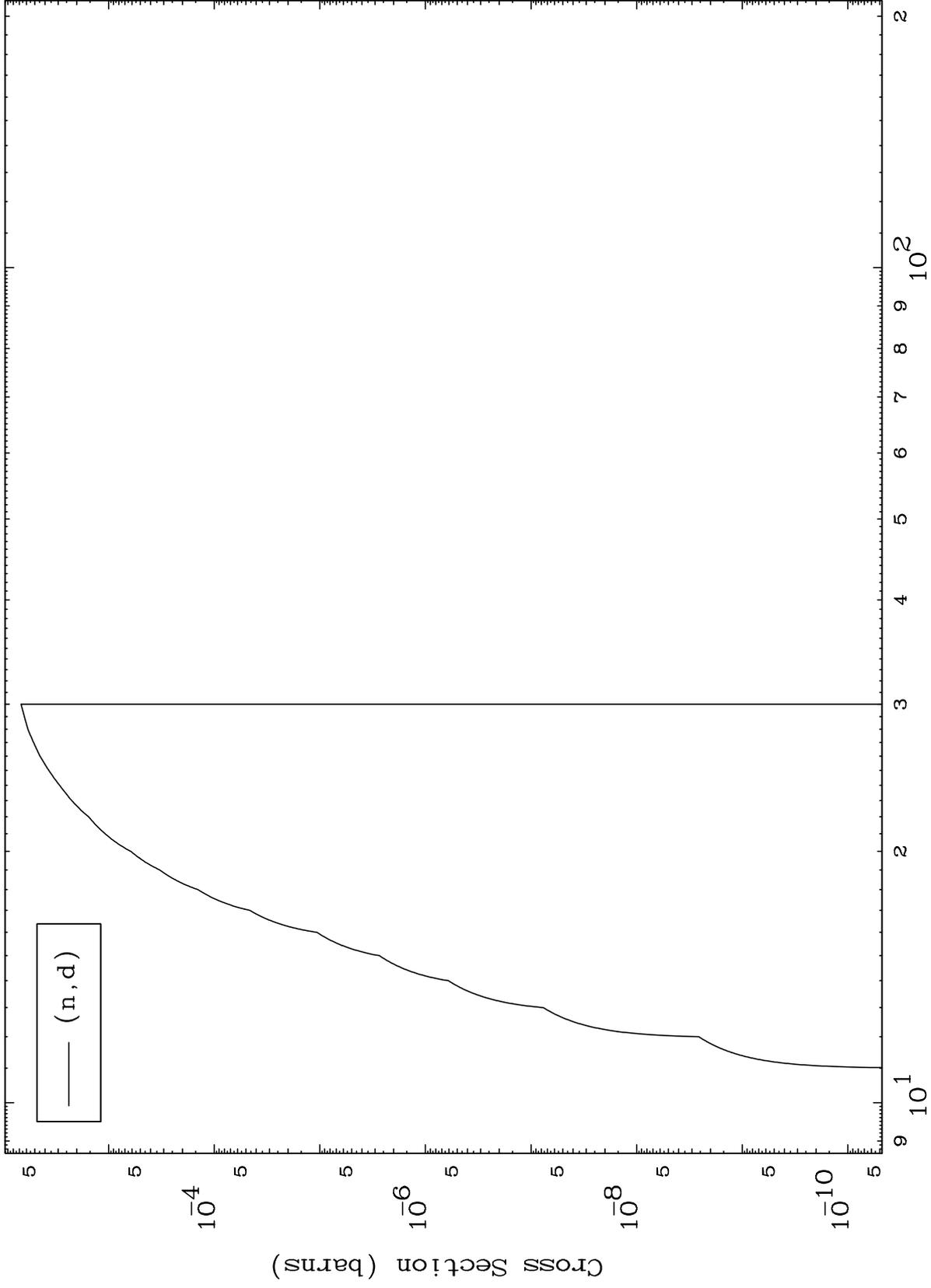
Incident Energy (MeV)

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

MAT 3440

(α, d) Levels
0 Kelvin Cross Sections

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



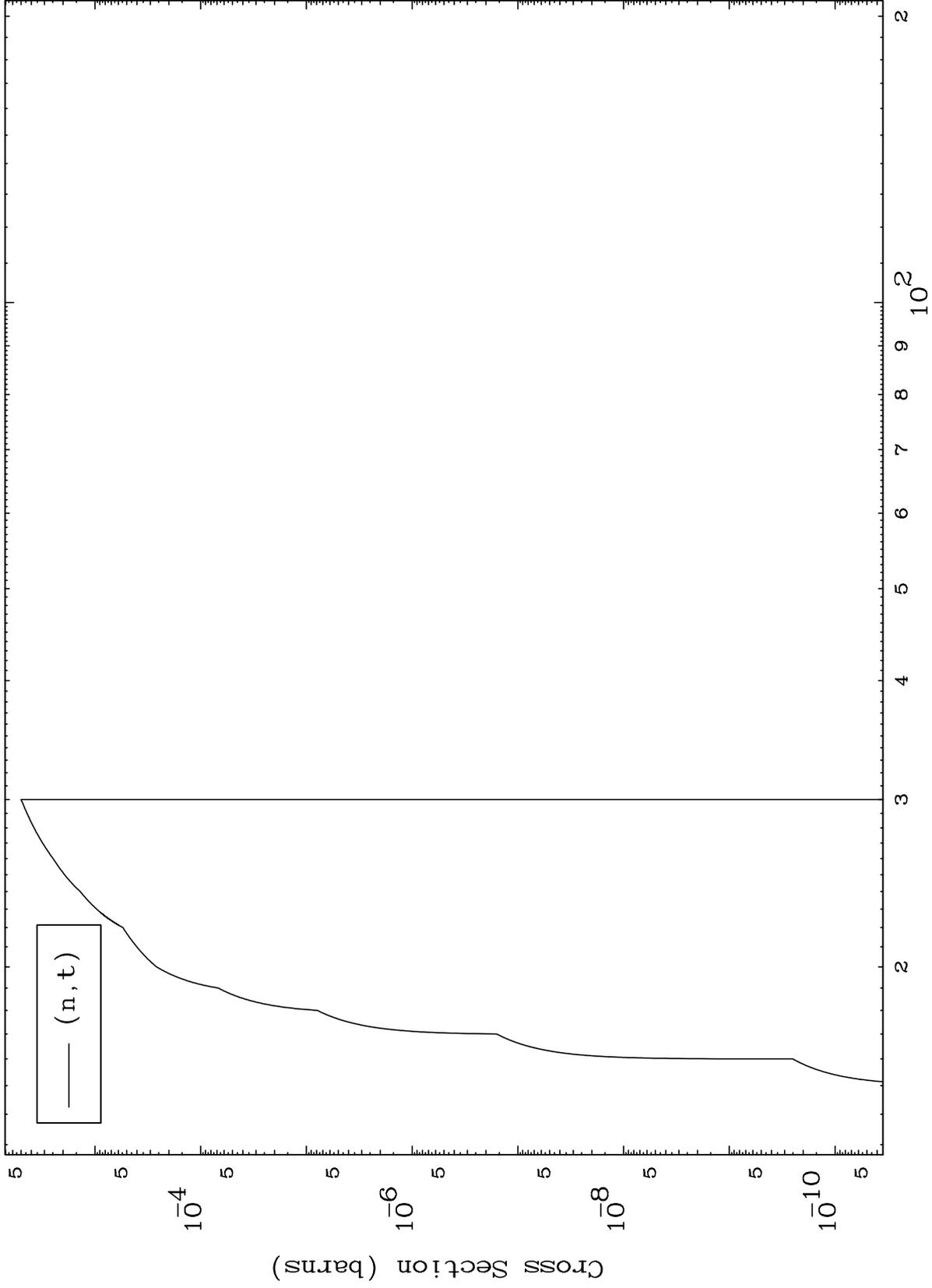
Incident Energy (MeV)

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

MAT 3440

(α, t) Levels
0 Kelvin Cross Sections

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



9

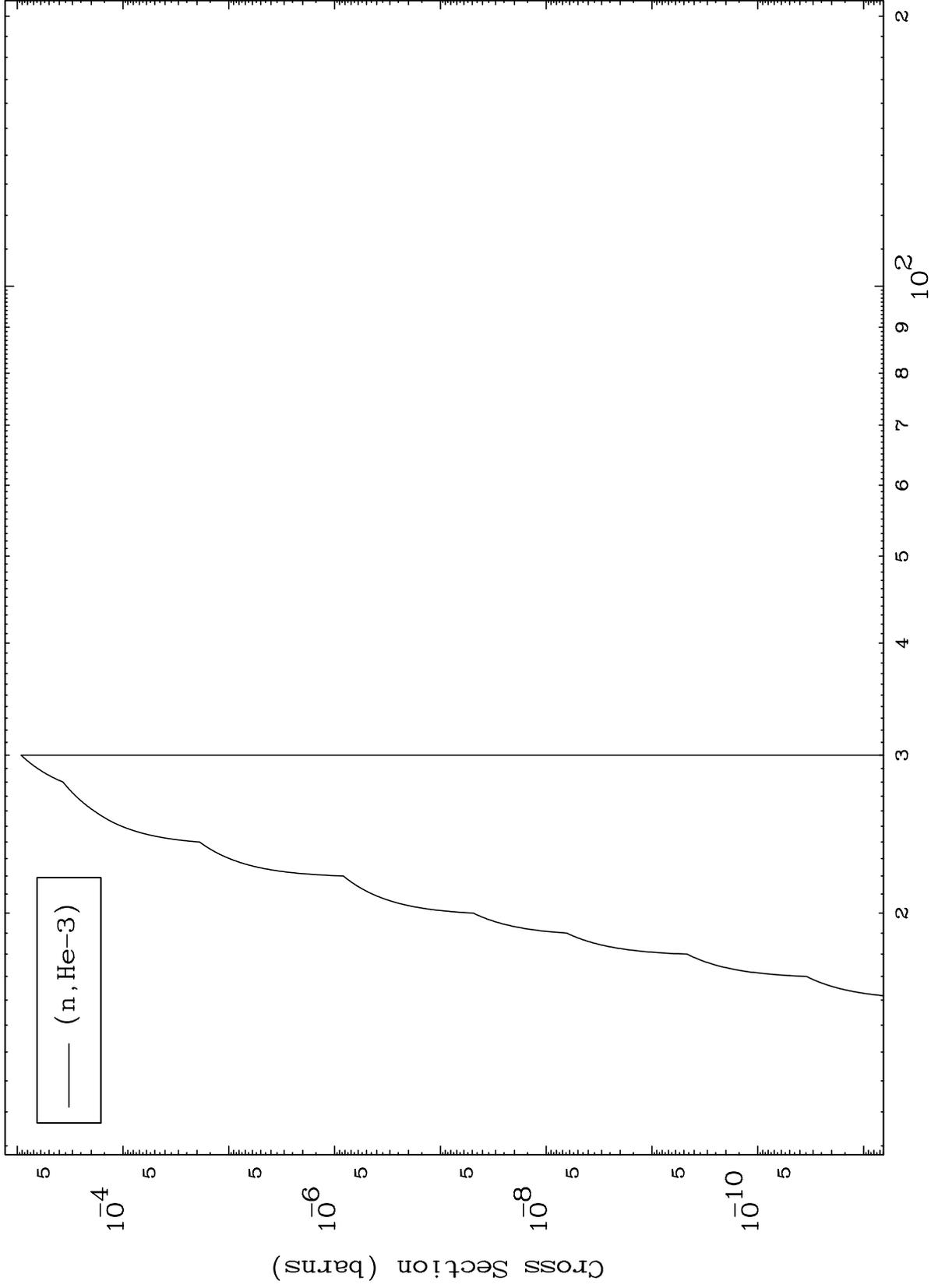
Incident Energy (MeV)

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

MAT 3440

(α , He3) Levels
0 Kelvin Cross Sections

³⁴Se-79



10

Incident Energy (MeV)

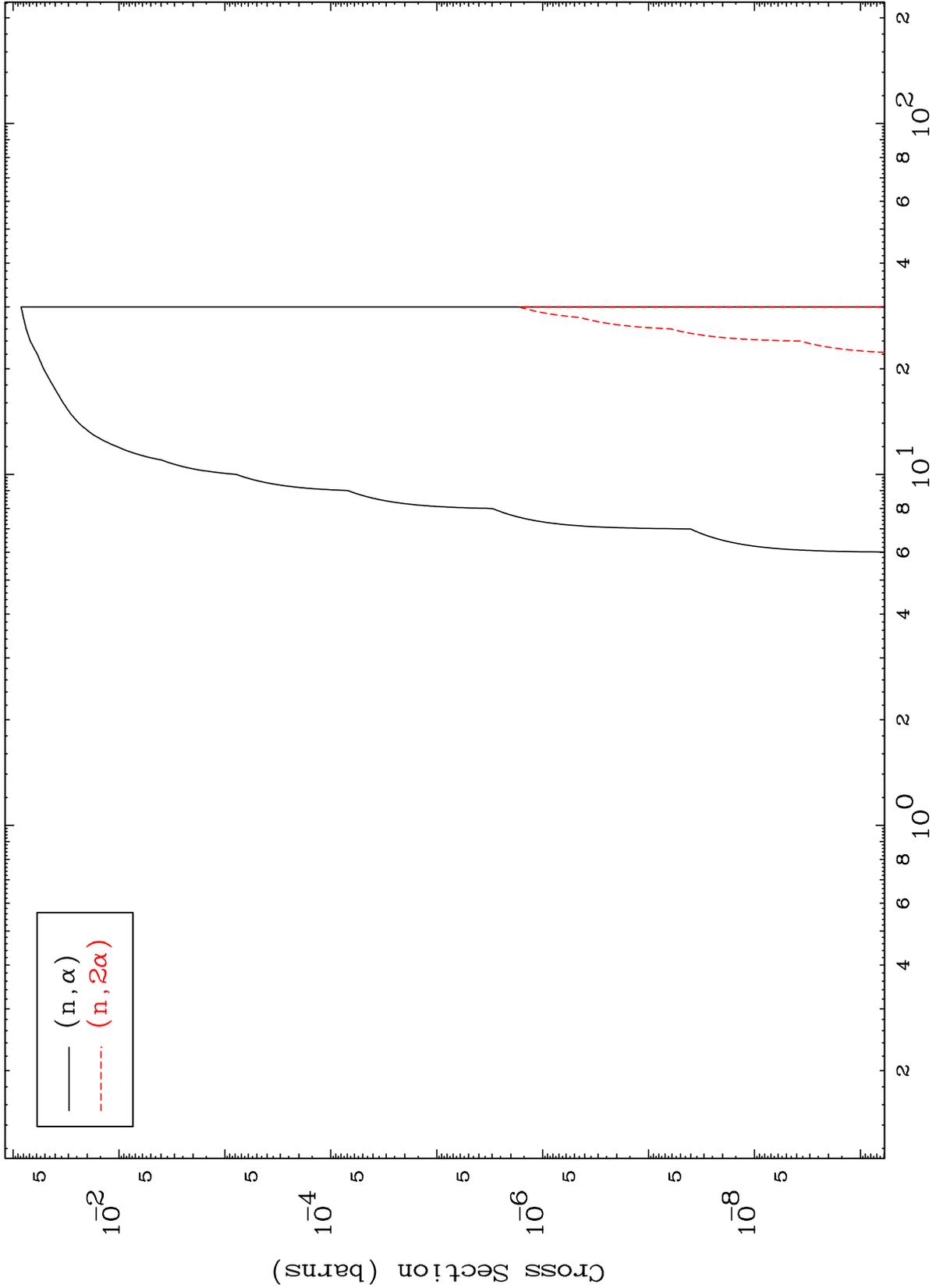
³⁴Se-79

MAT 3440

(α, α) Levels

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

0 Kelvin Cross Sections

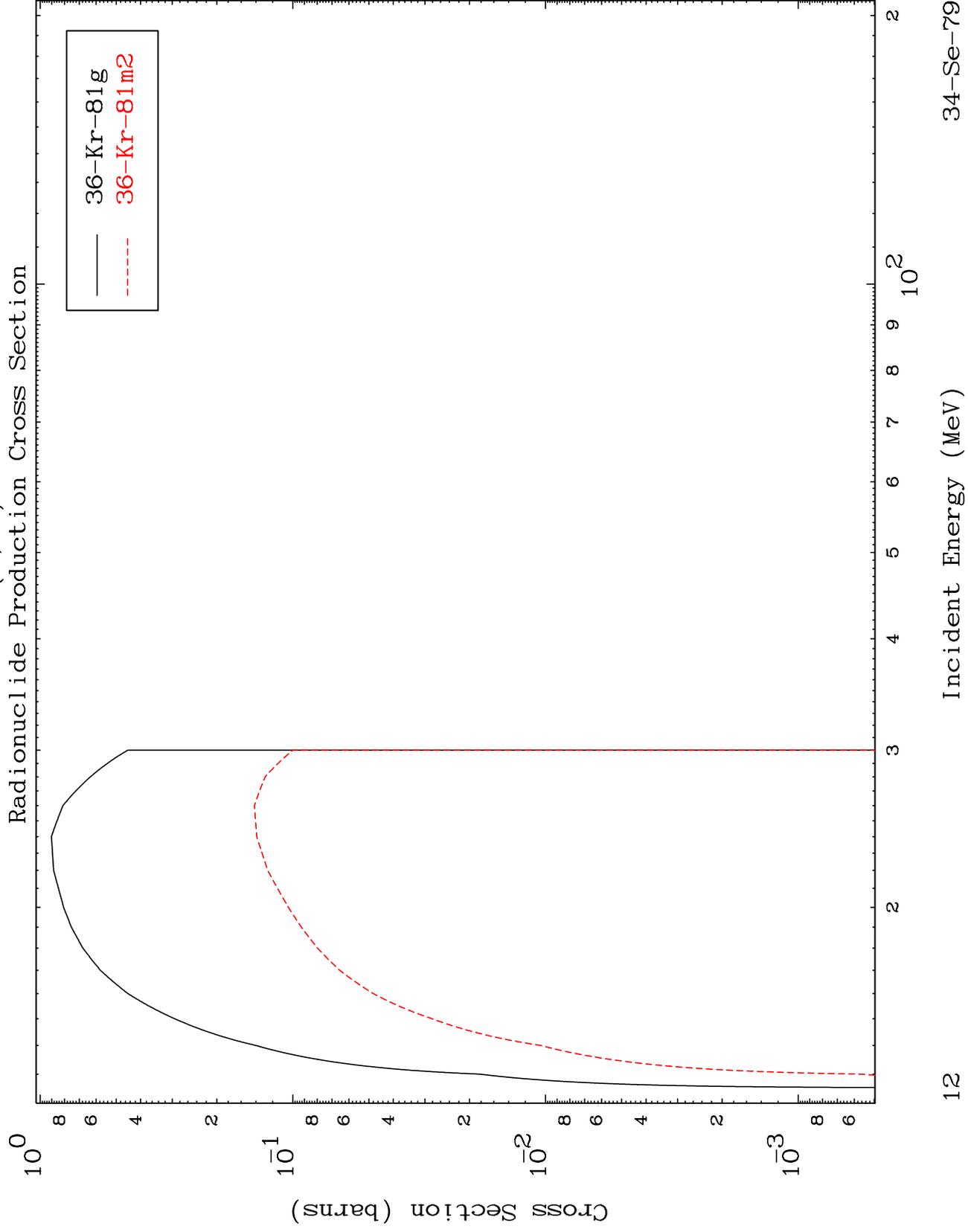


— (n, α)
- - - ($n, 2\alpha$)

MAT 3440

(n,2n)

34-Se-79



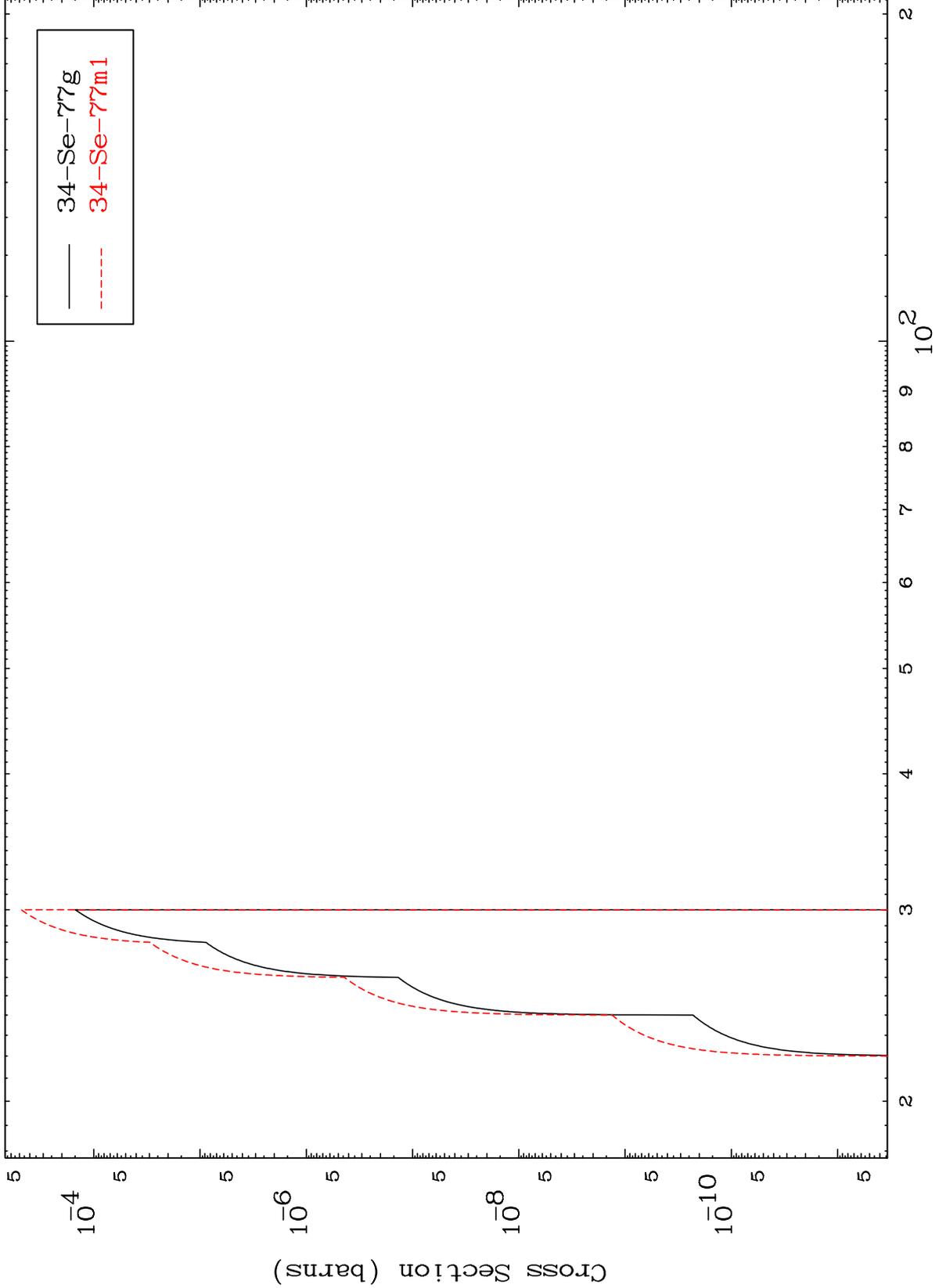
12

MAT 3440

$(n,2n) \alpha$

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

Radionuclide Production Cross Section



13

Incident Energy (MeV)

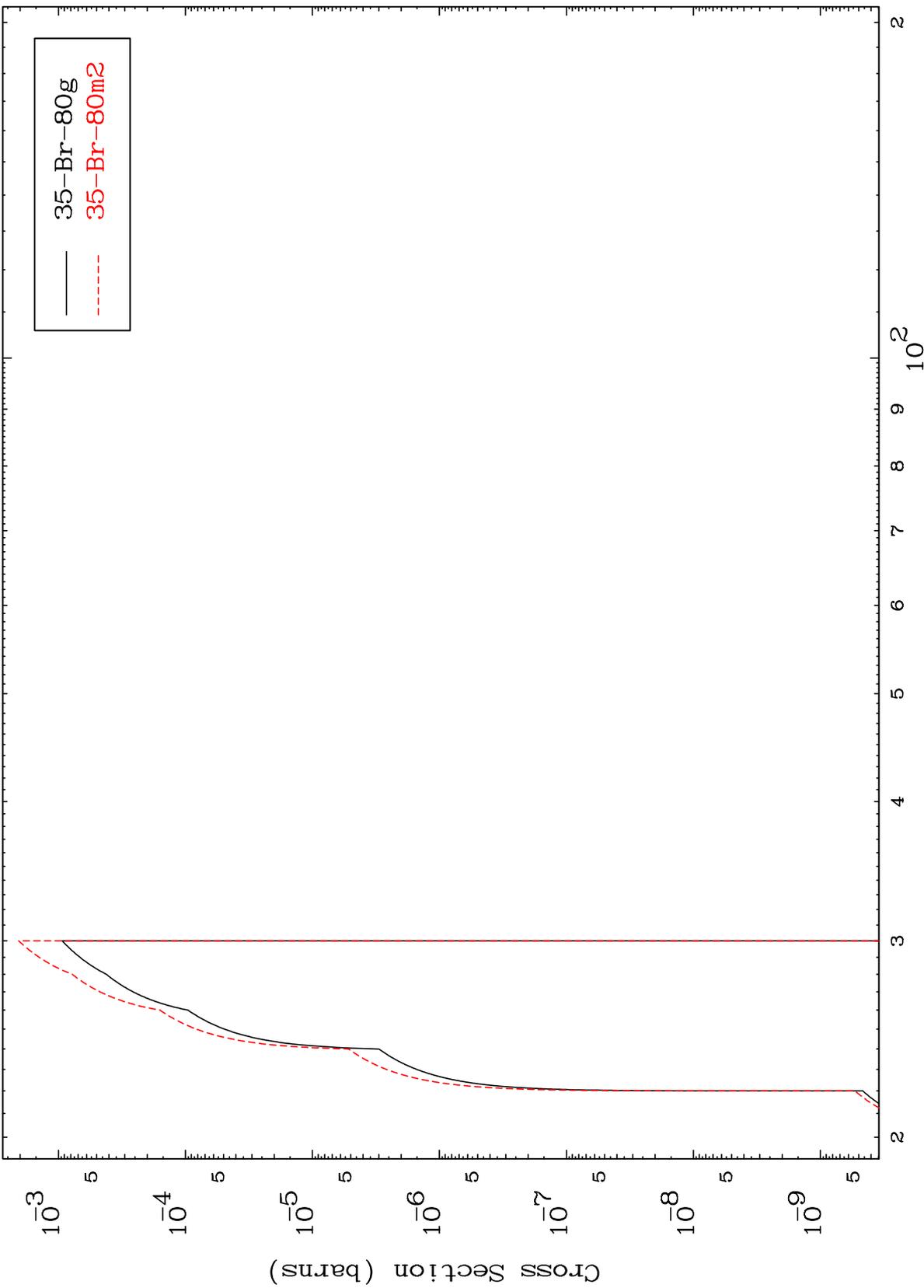
$^{34}\text{Se-79}$

MAT 3440

(n,n') d

34-Se-79

Radionuclide Production Cross Section



14

Incident Energy (MeV)

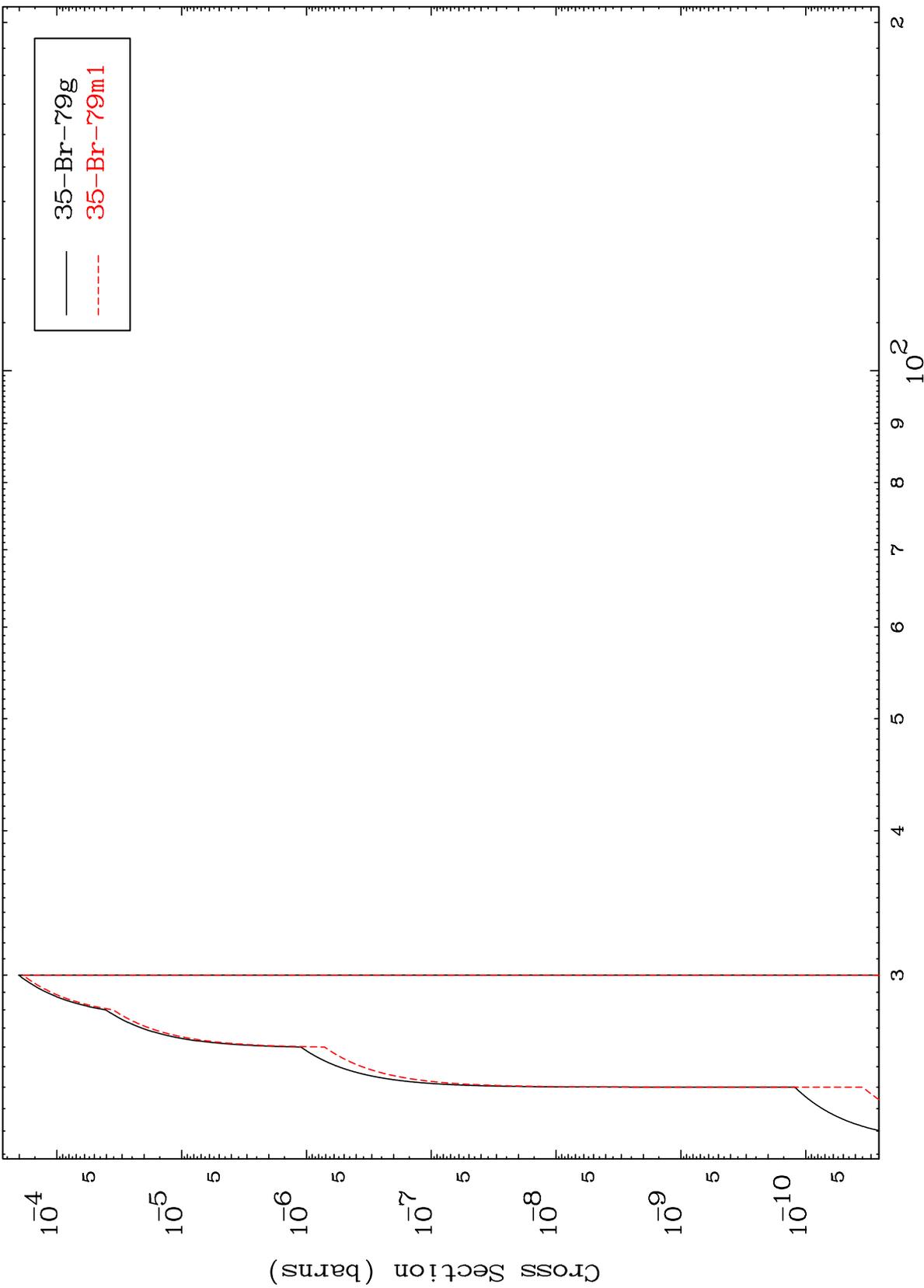
34-Se-79

MAT 3440

(n,n') t

³⁴Se-79

Radionuclide Production Cross Section



15

Incident Energy (MeV)

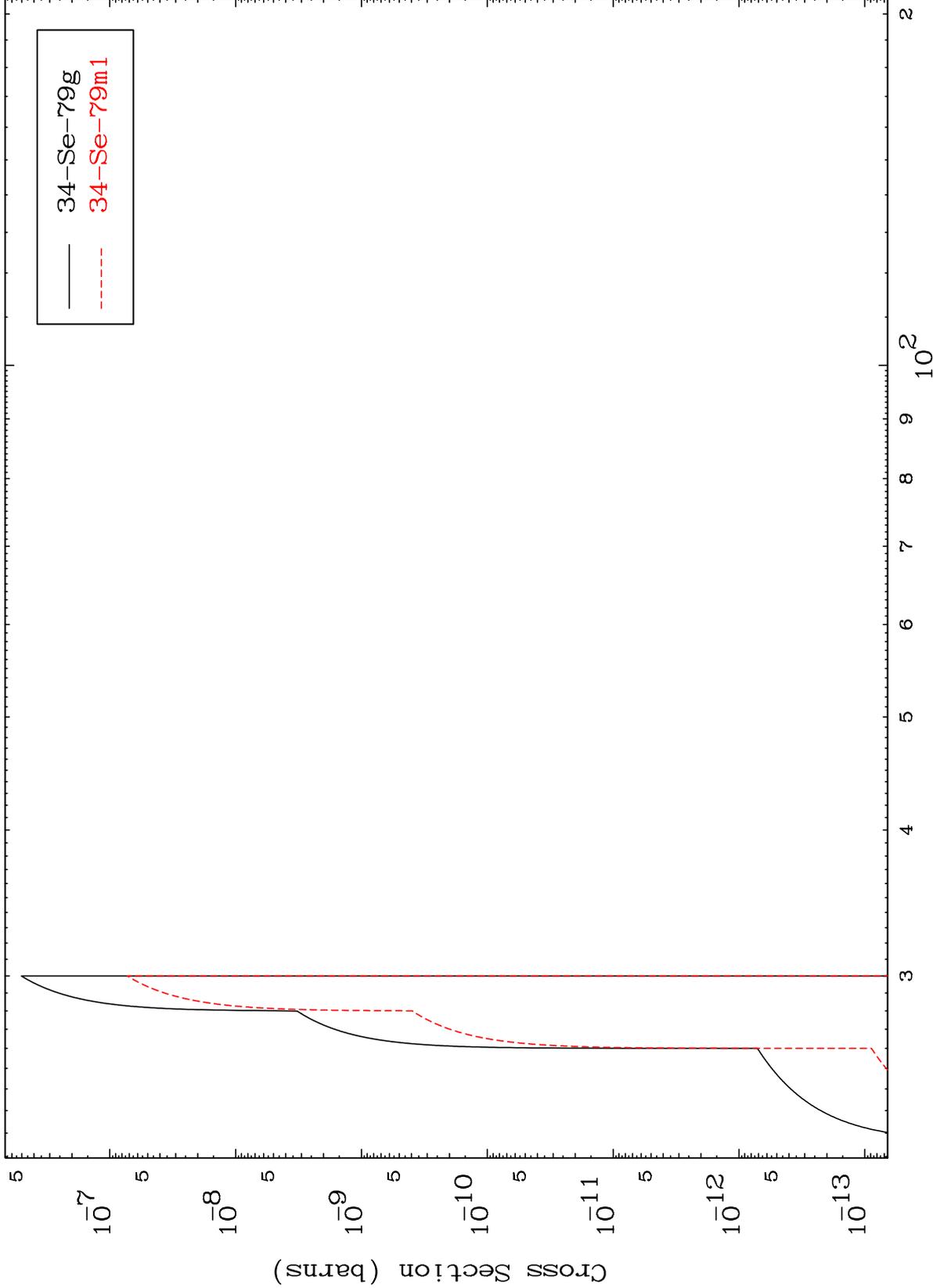
³⁴Se-79

MAT 3440

(n,n') He-3

³⁴Se-79

Radionuclide Production Cross Section



16

Incident Energy (MeV)

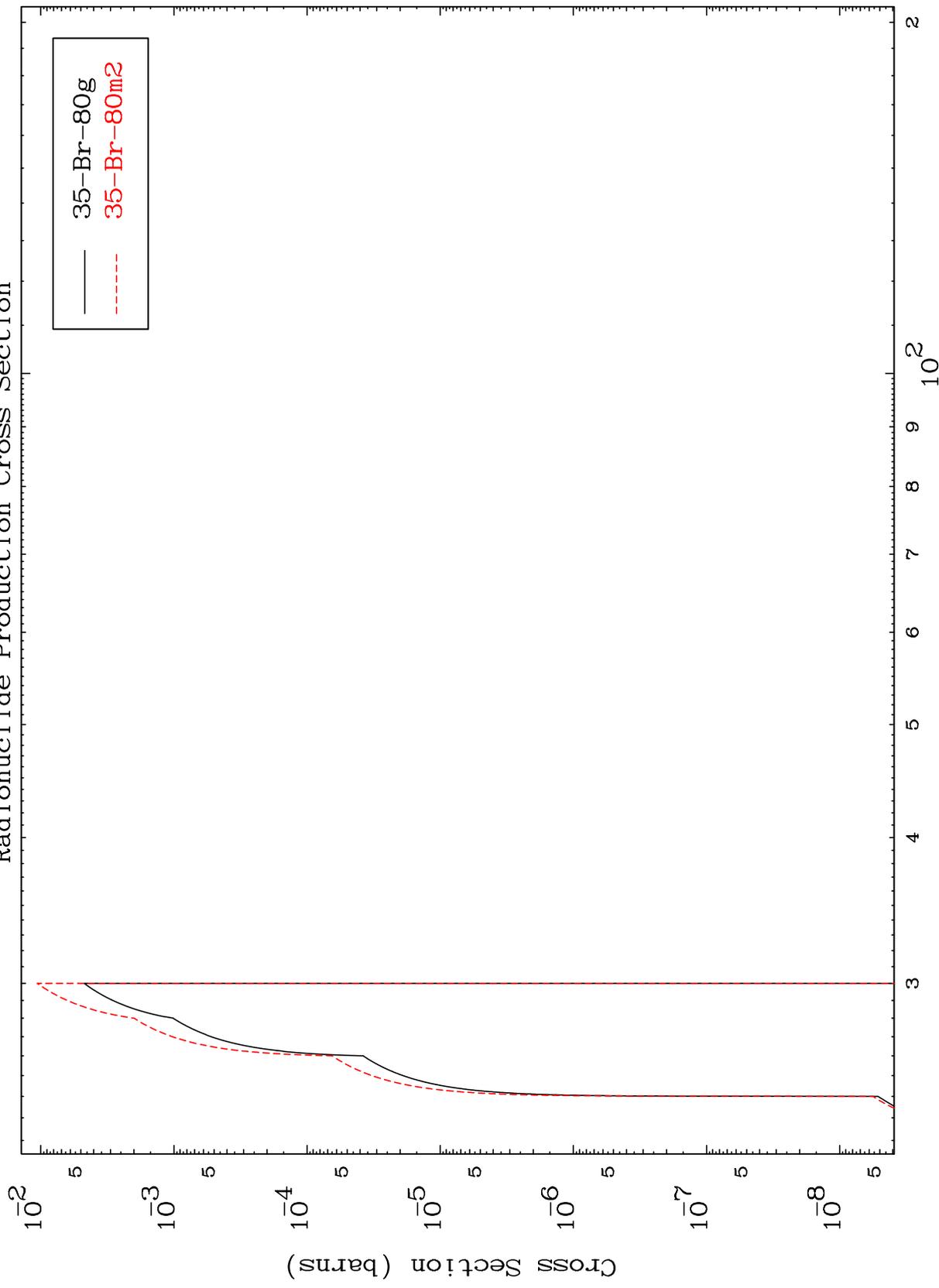
³⁴Se-79

MAT 3440

$(n,2n)$ p

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

Radionuclide Production Cross Section



17

Incident Energy (MeV)

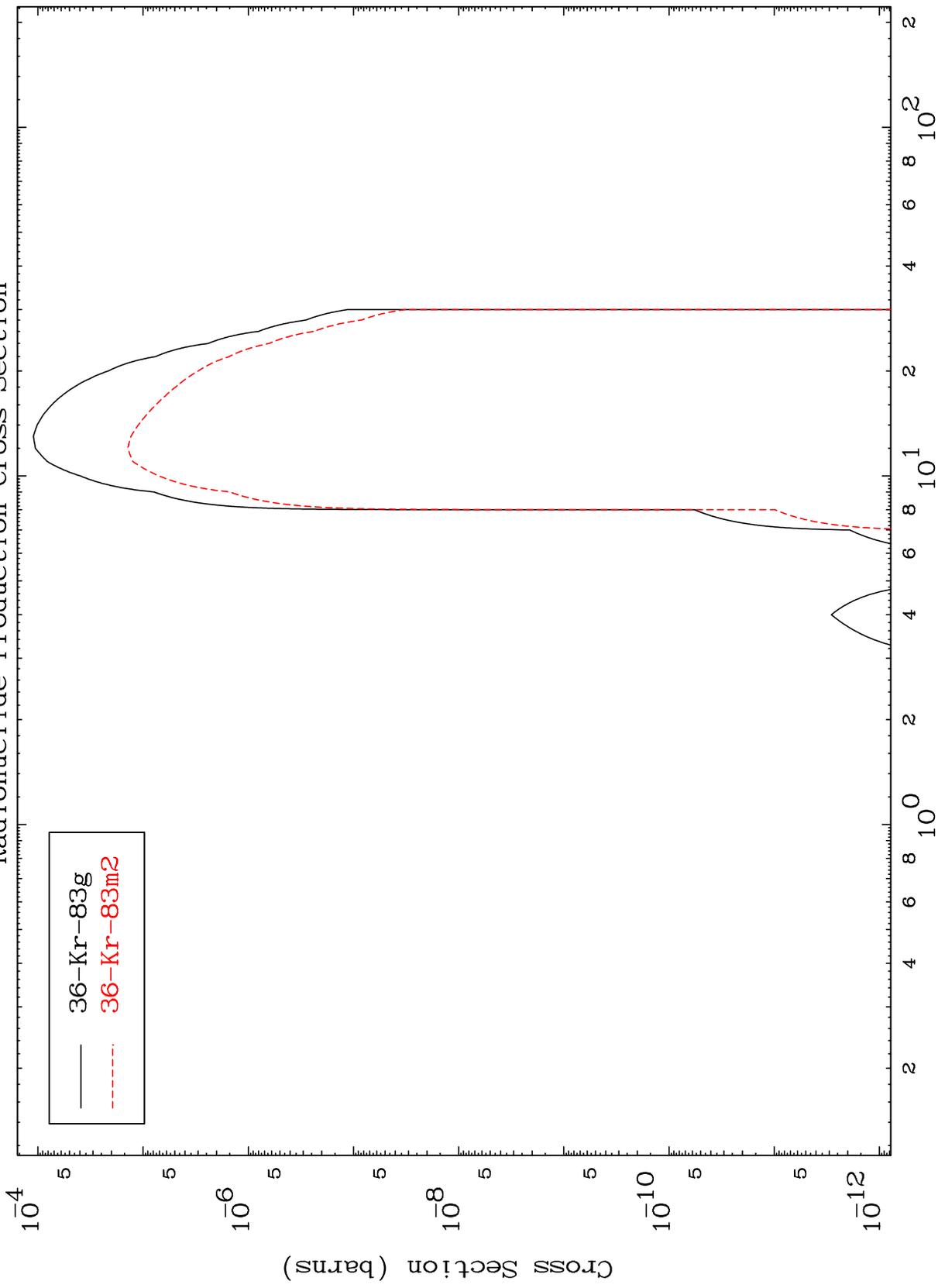
$^{34}\text{Se-79}$

MAT 3440

(n, γ)

³⁴Se-79

Radionuclide Production Cross Section



18

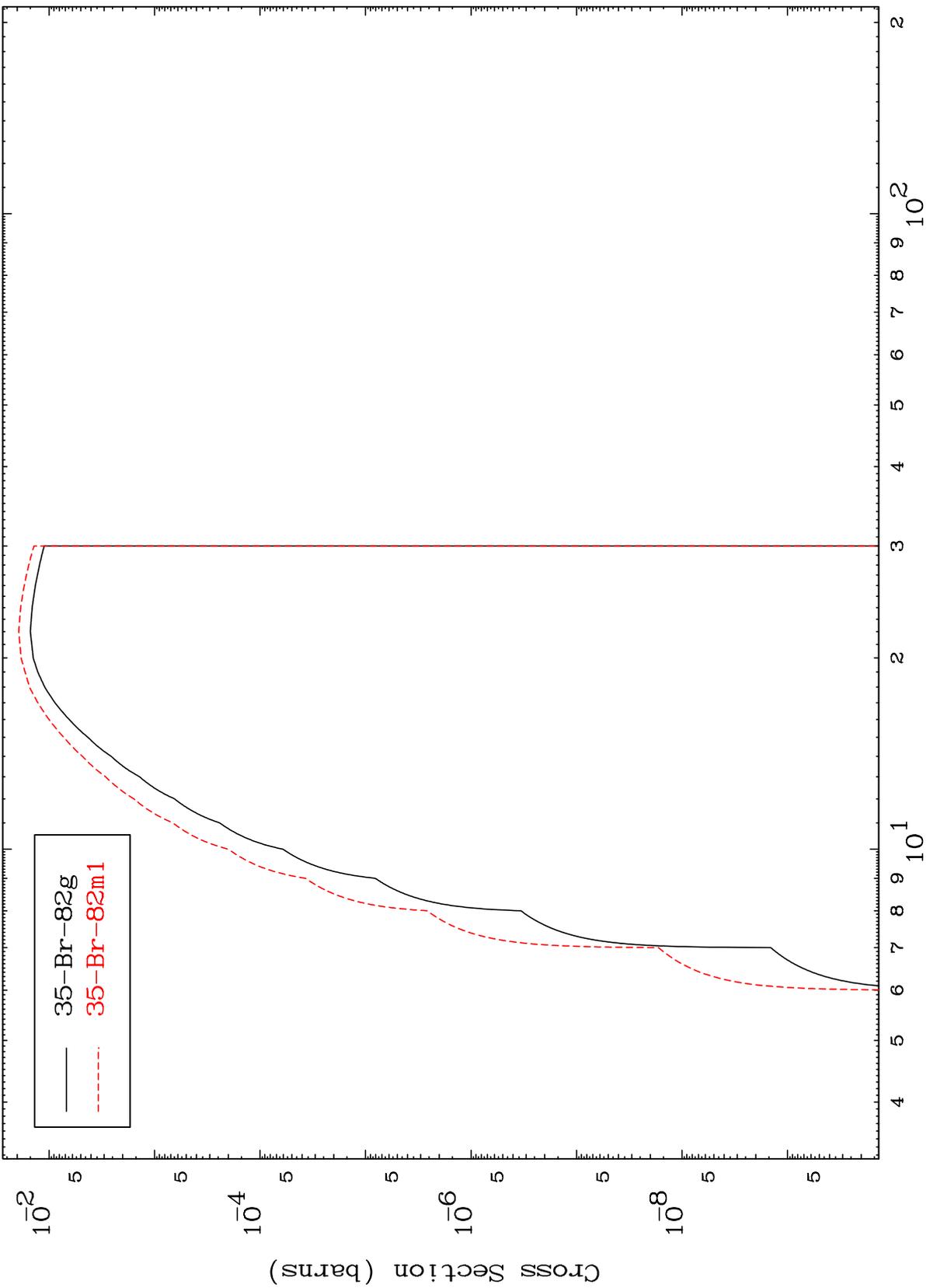
Incident Energy (MeV)

³⁴Se-79

MAT 3440

³⁴Se-79

(n,p)
Radionuclide Production Cross Section



19

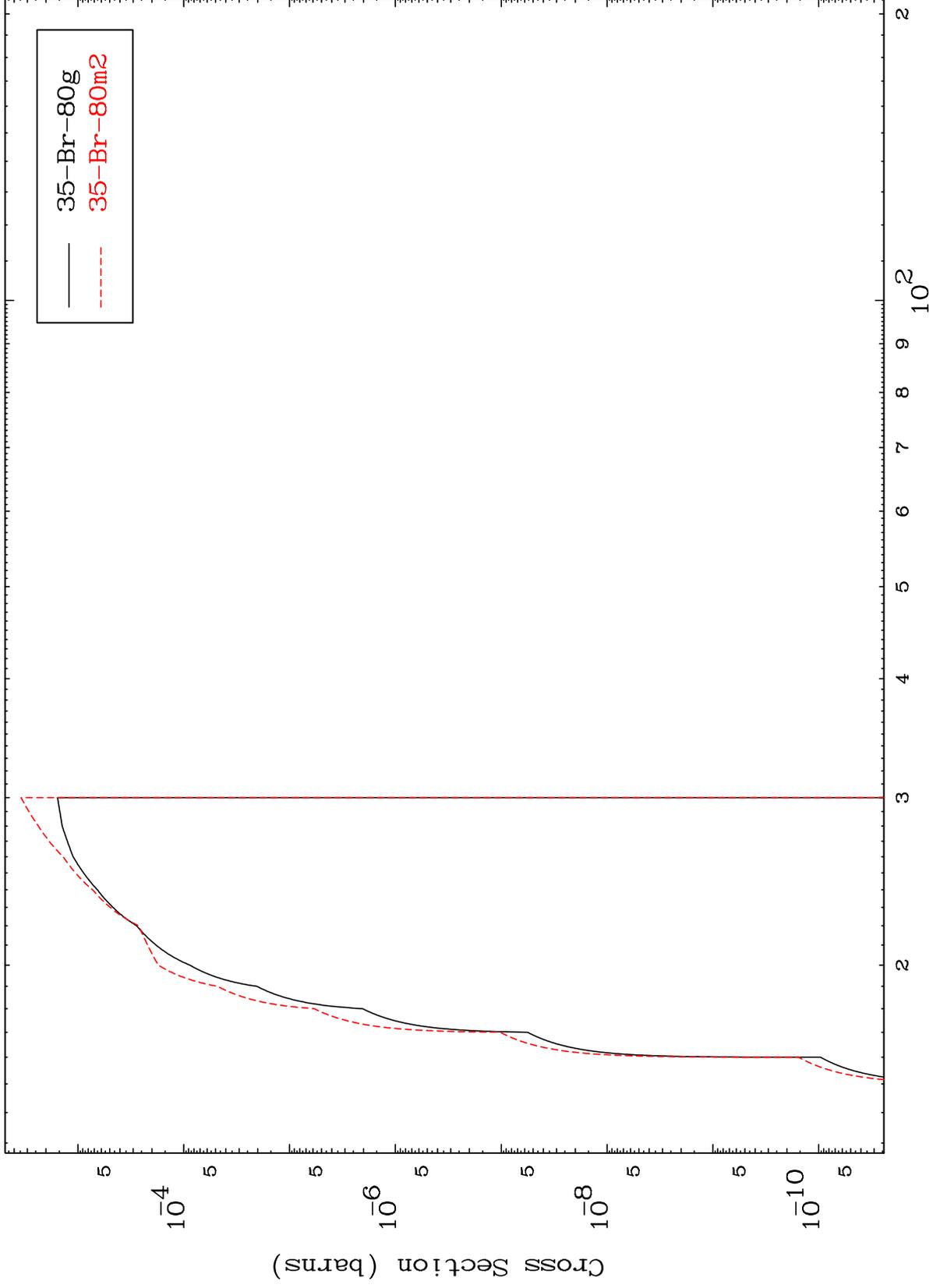
Incident Energy (MeV)

³⁴Se-79

MAT 3440

34-Se-79

(n,t)
Radionuclide Production Cross Section



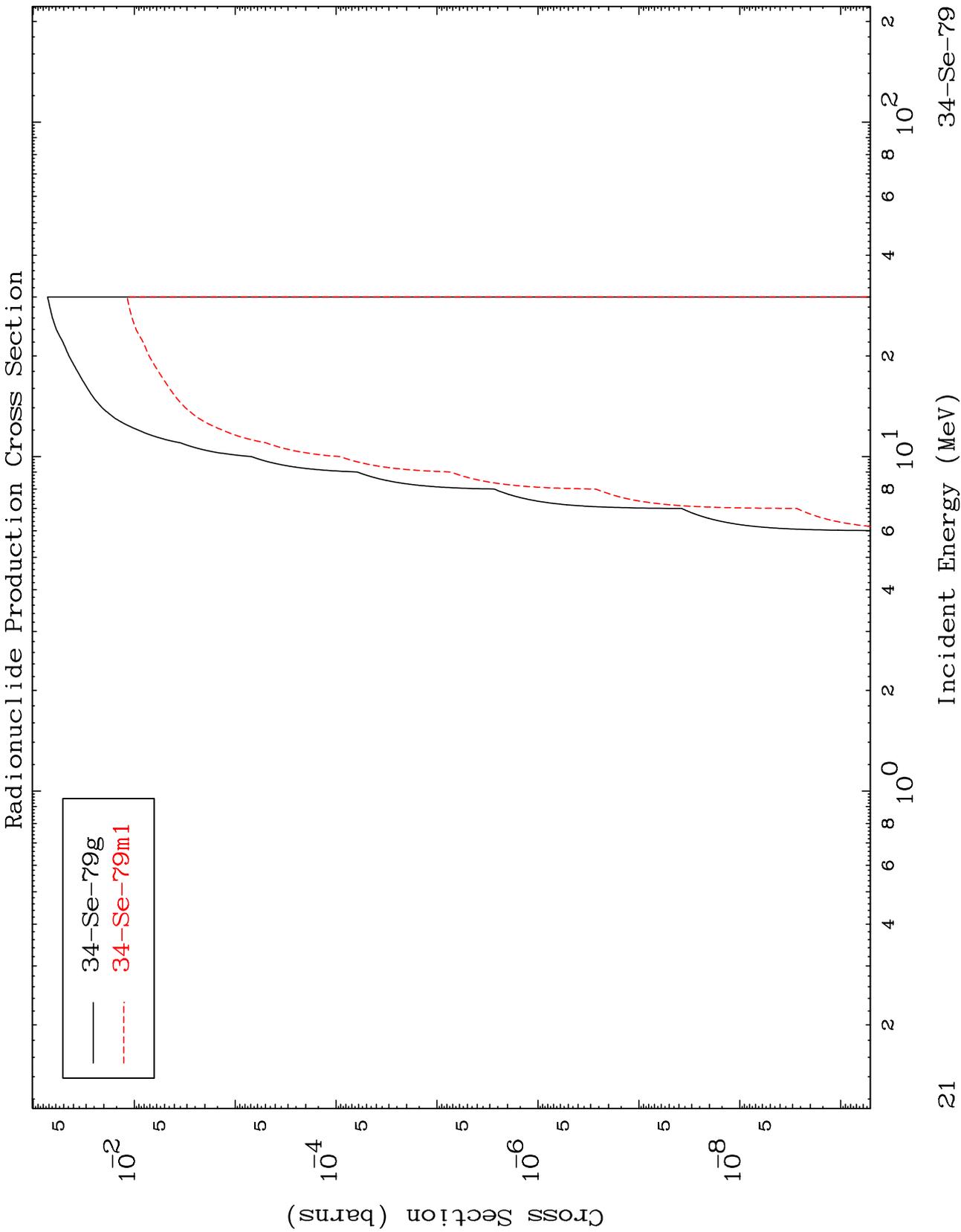
20

Incident Energy (MeV)

34-Se-79

MAT 3440

³⁴Se-79



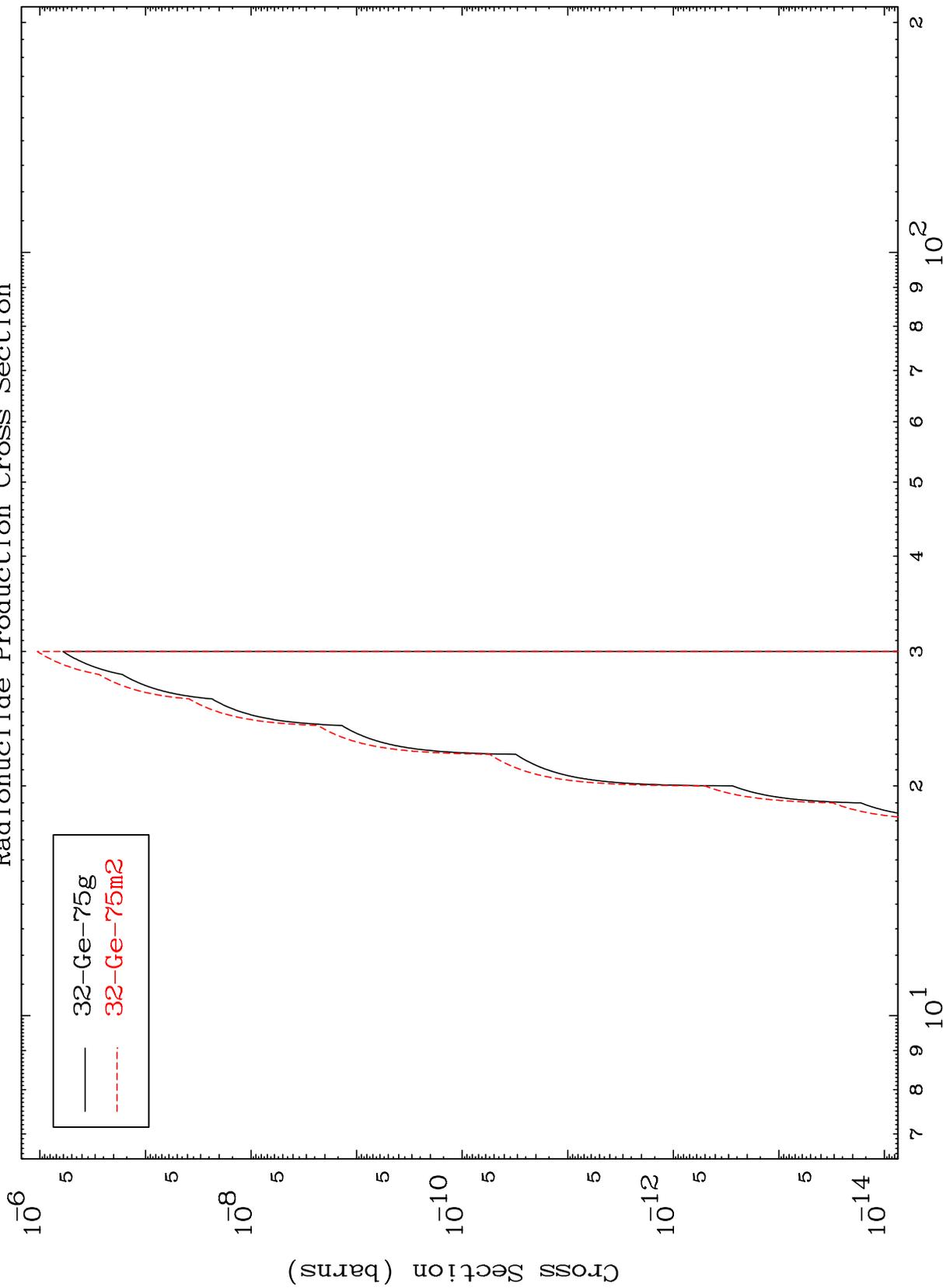
³⁴Se-79

Incident Energy (MeV)

MAT 3440

³⁴Se-79

Radionuclide Production Cross Section
(n,2α)



Incident Energy (MeV)

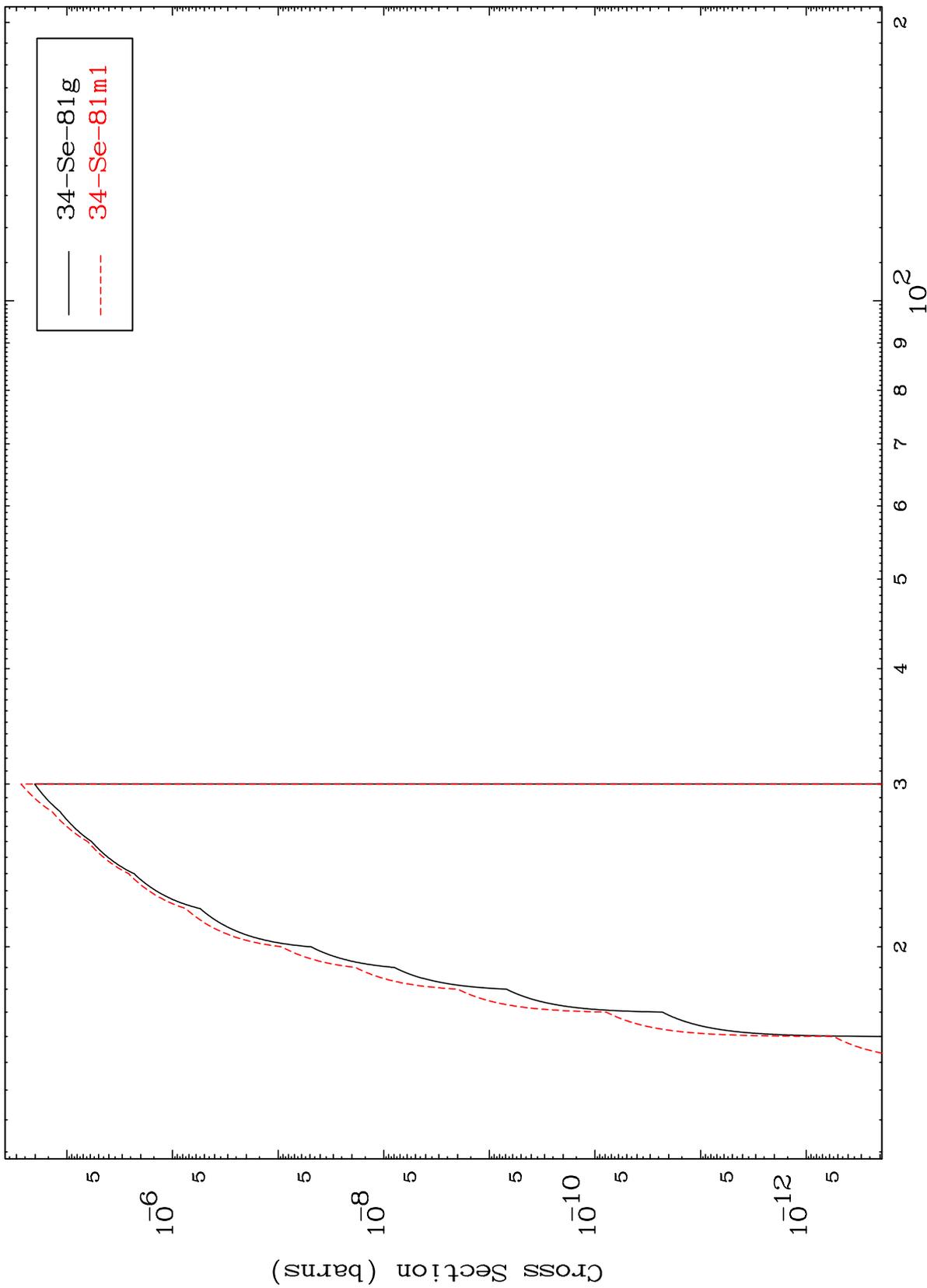
³⁴Se-79

22

MAT 3440

³⁴Se-79

(n,2p)
Radionuclide Production Cross Section



23

³⁴Se-79

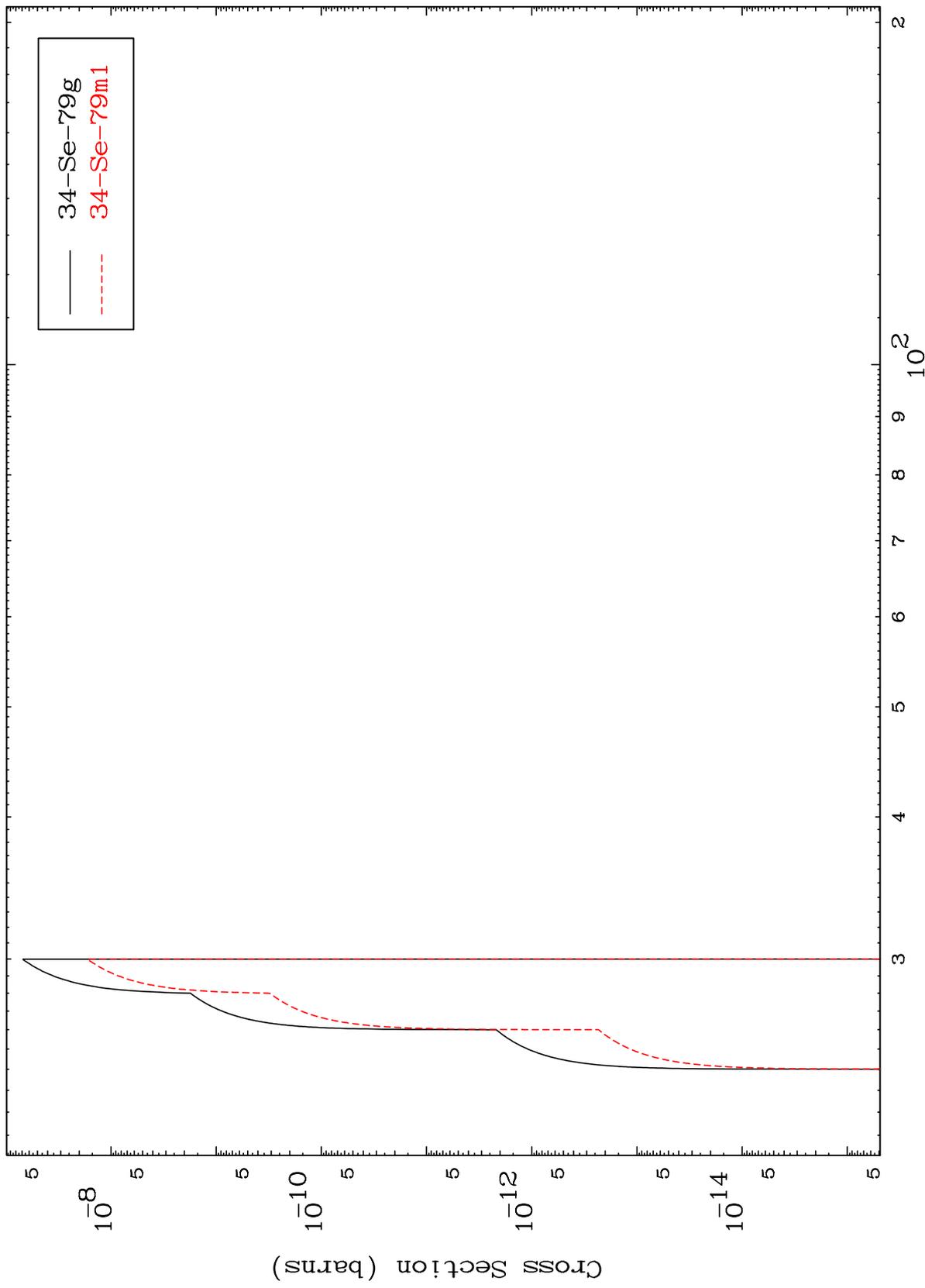
Incident Energy (MeV)

MAT 3440

(n,p) t

³⁴Se-79

Radionuclide Production Cross Section



24

Incident Energy (MeV)

³⁴Se-79