

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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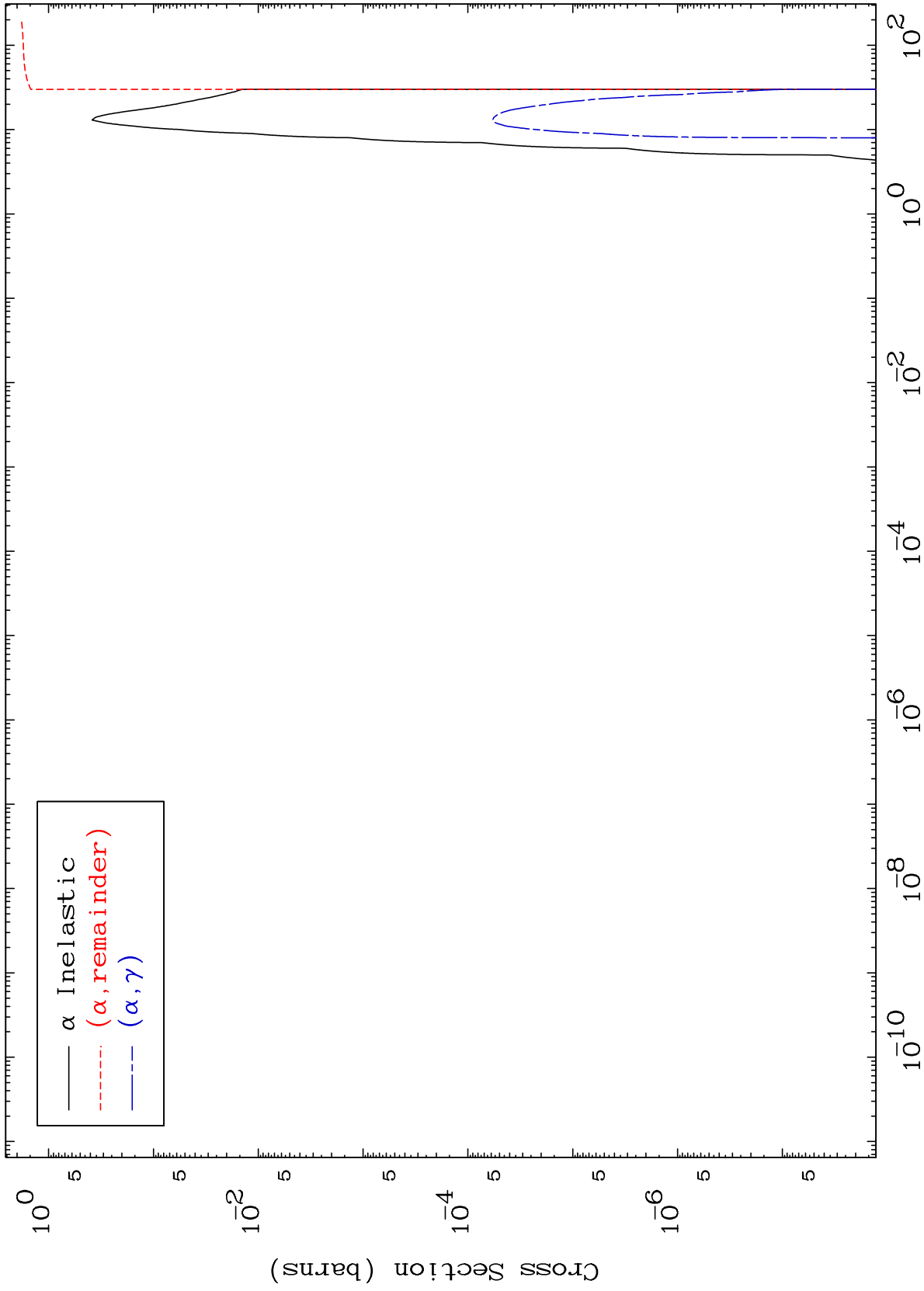
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3440

0 Kelvin α Major
Cross Sections

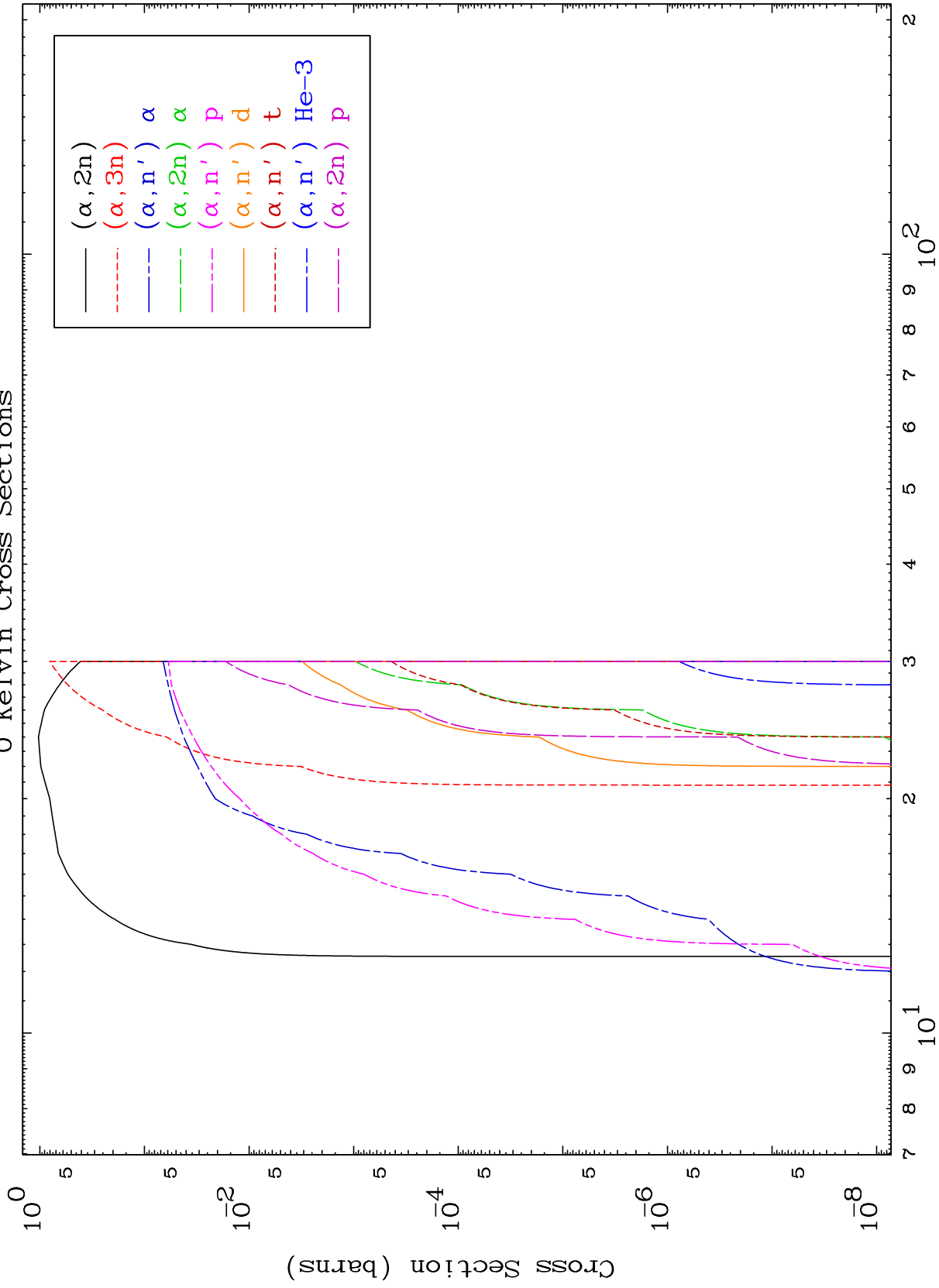
$^{34}\text{Se-79}$



MAT 3440

α Neutron Production
0 Kelvin Cross Sections

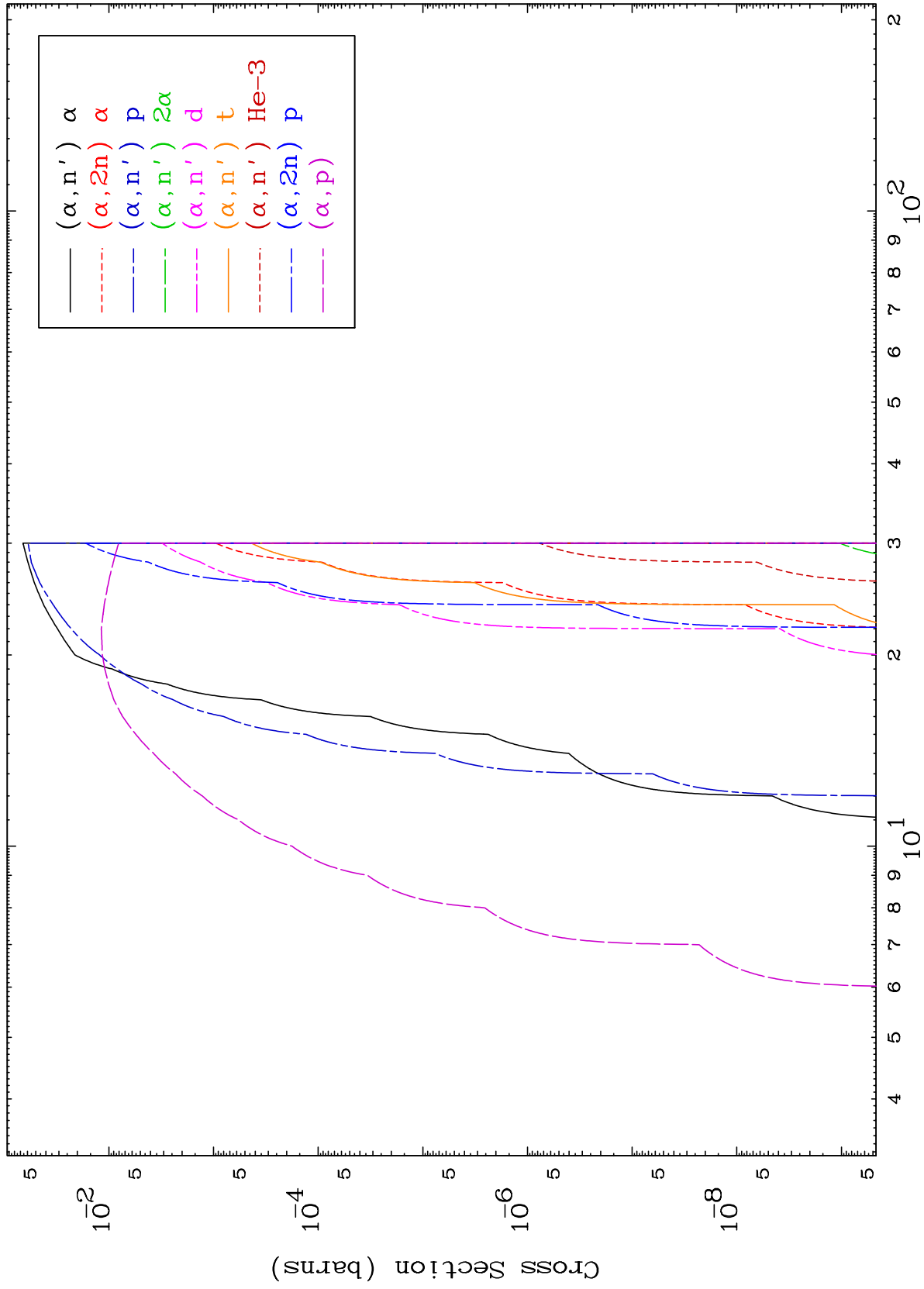
34-Se-79



2

Incident Energy (MeV)

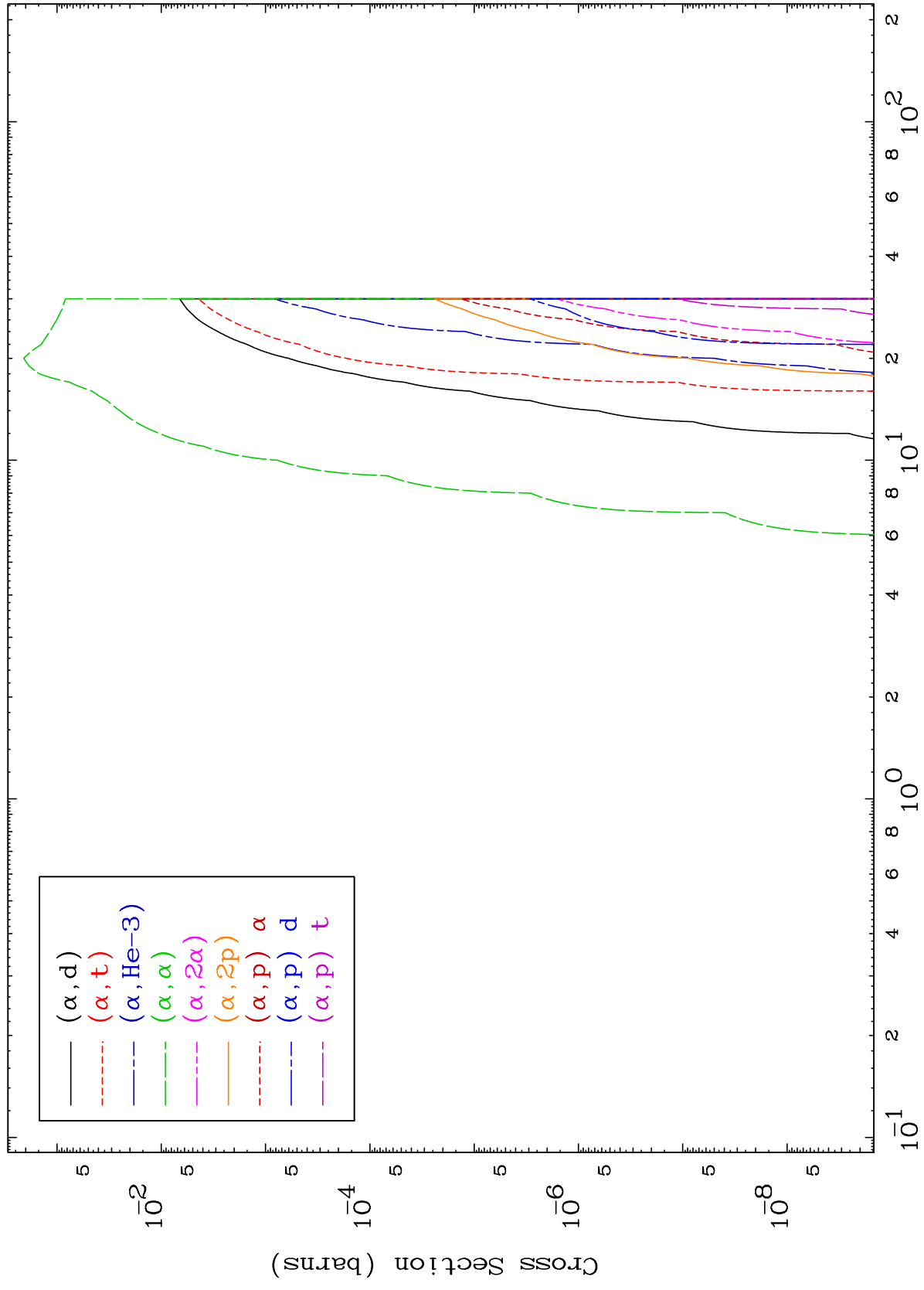
34-Se-79



MAT 3440

α Charged Particle
0 Kelvin Cross Sections

34-Se-79



34-Se-79

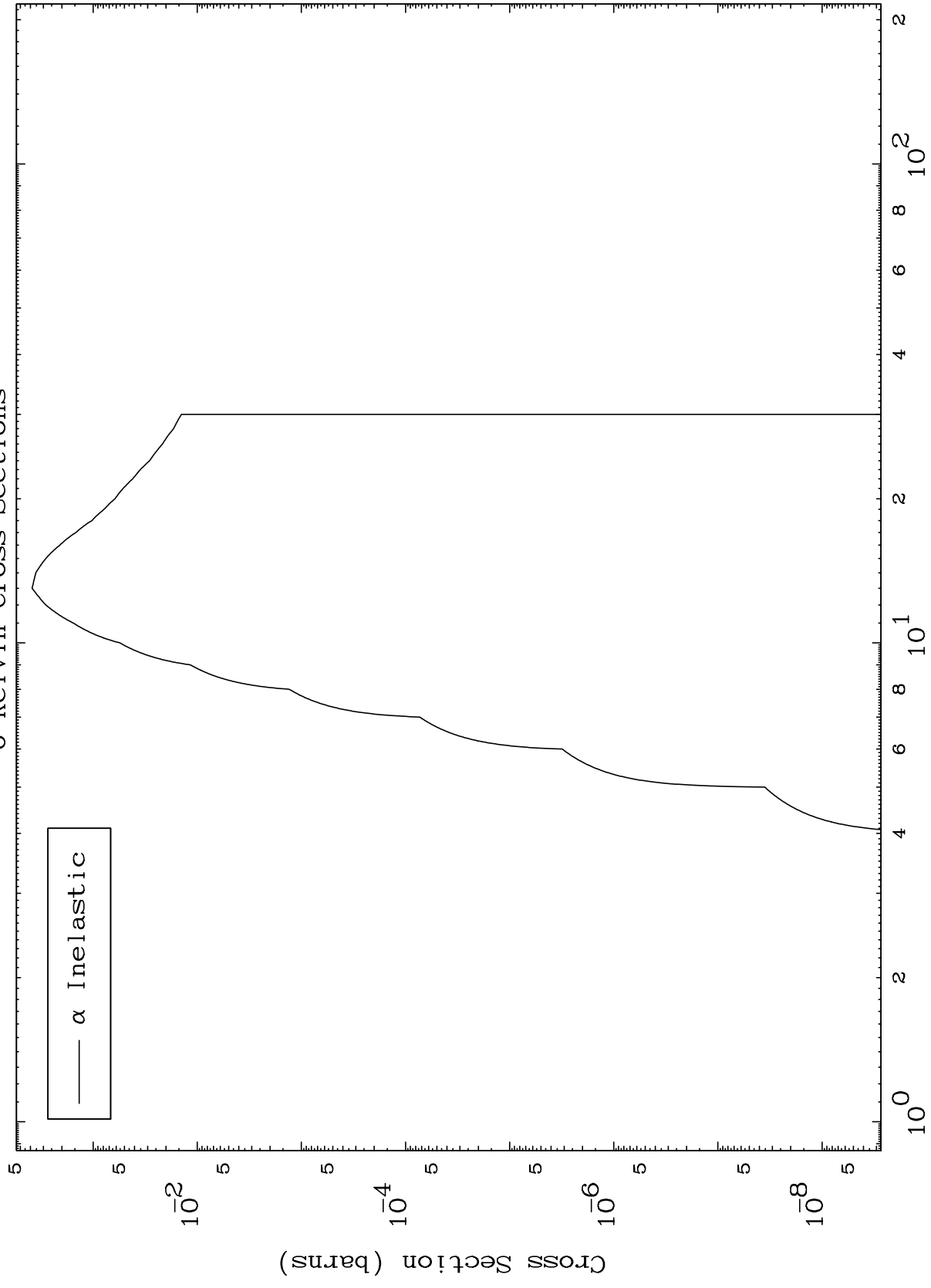
Incident Energy (MeV)

4

MAT 3440

(α, n') Level
0 Kelvin Cross Sections

34-Se-79



α Inelastic

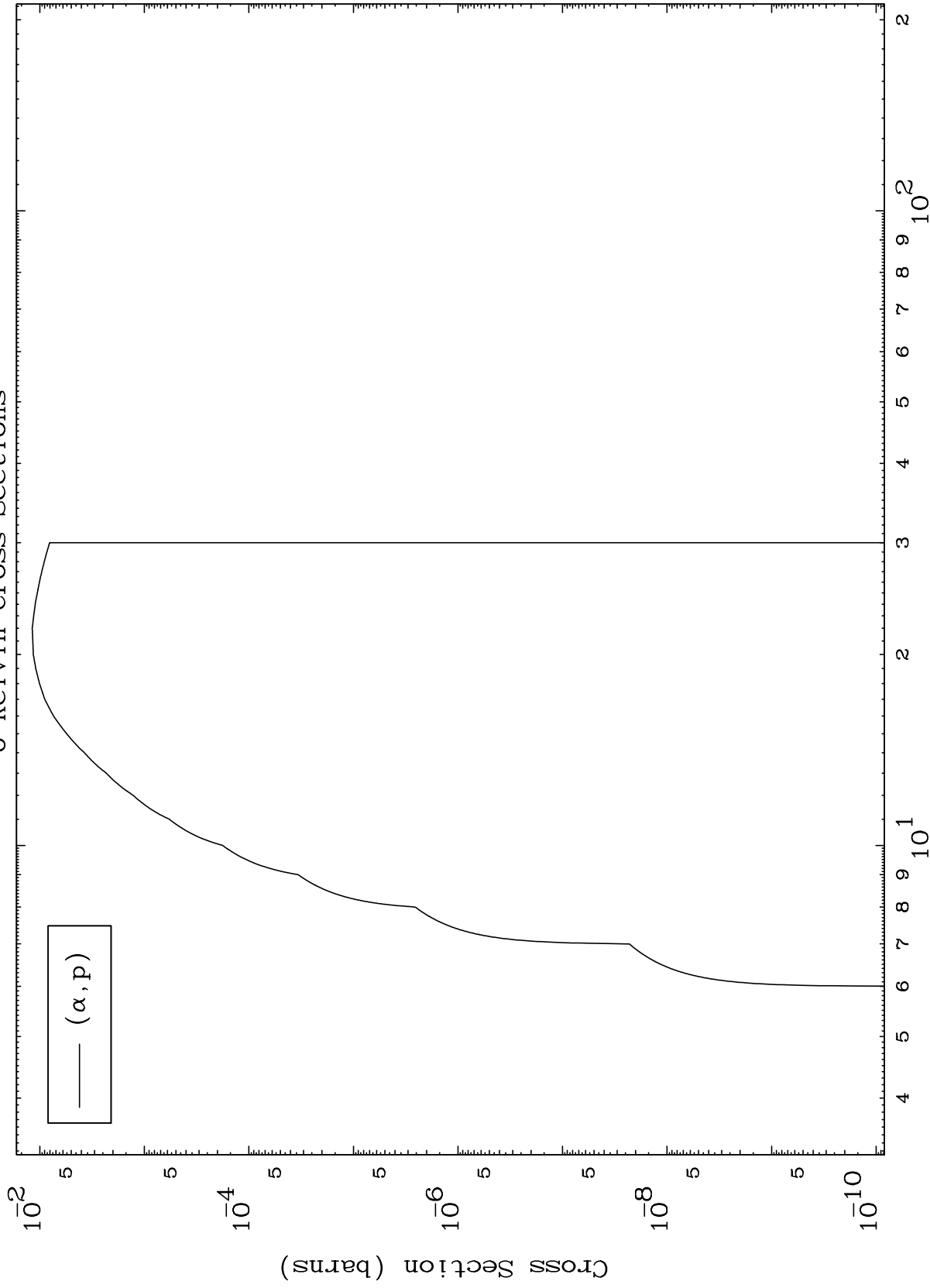
Incident Energy (MeV)

34-Se-79

MAT 3440

34-Se-79

(α, p) Levels
0 Kelvin Cross Sections



6

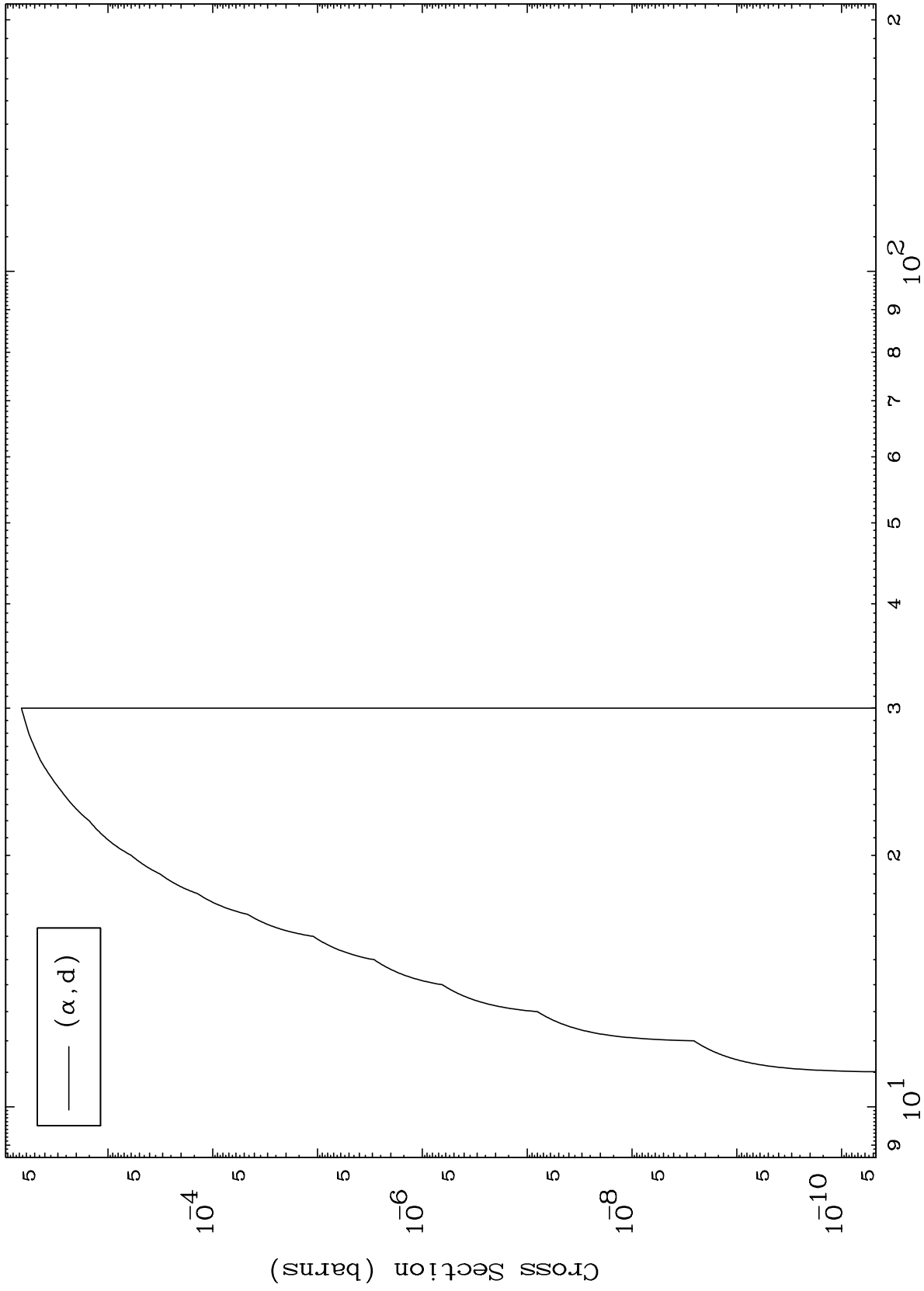
Incident Energy (MeV)

34-Se-79

MAT 3440

(α, d) Levels
0 Kelvin Cross Sections

34-Se-79



7

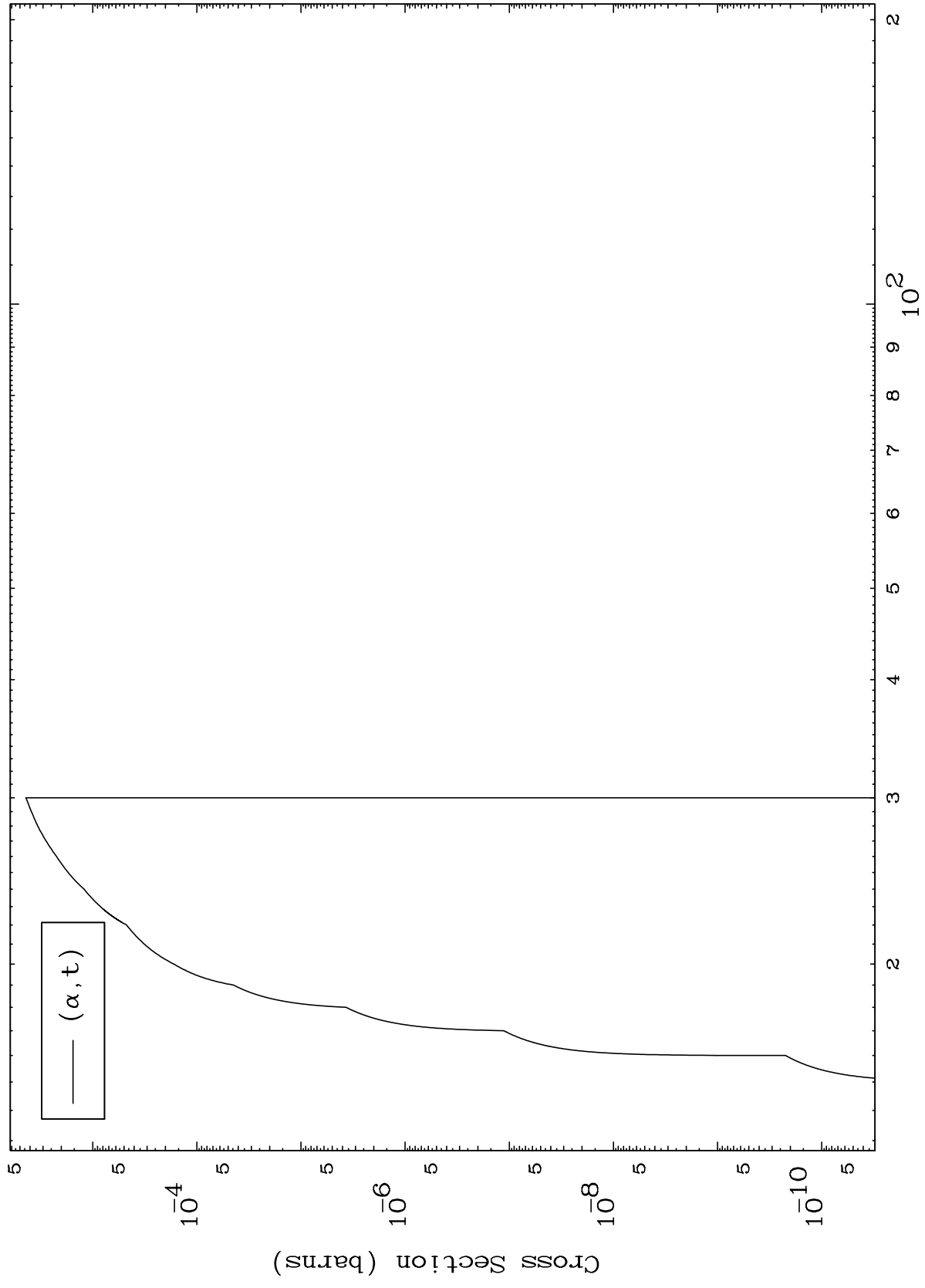
Incident Energy (MeV)

34-Se-79

MAT 3440

(α, t) Levels
0 Kelvin Cross Sections

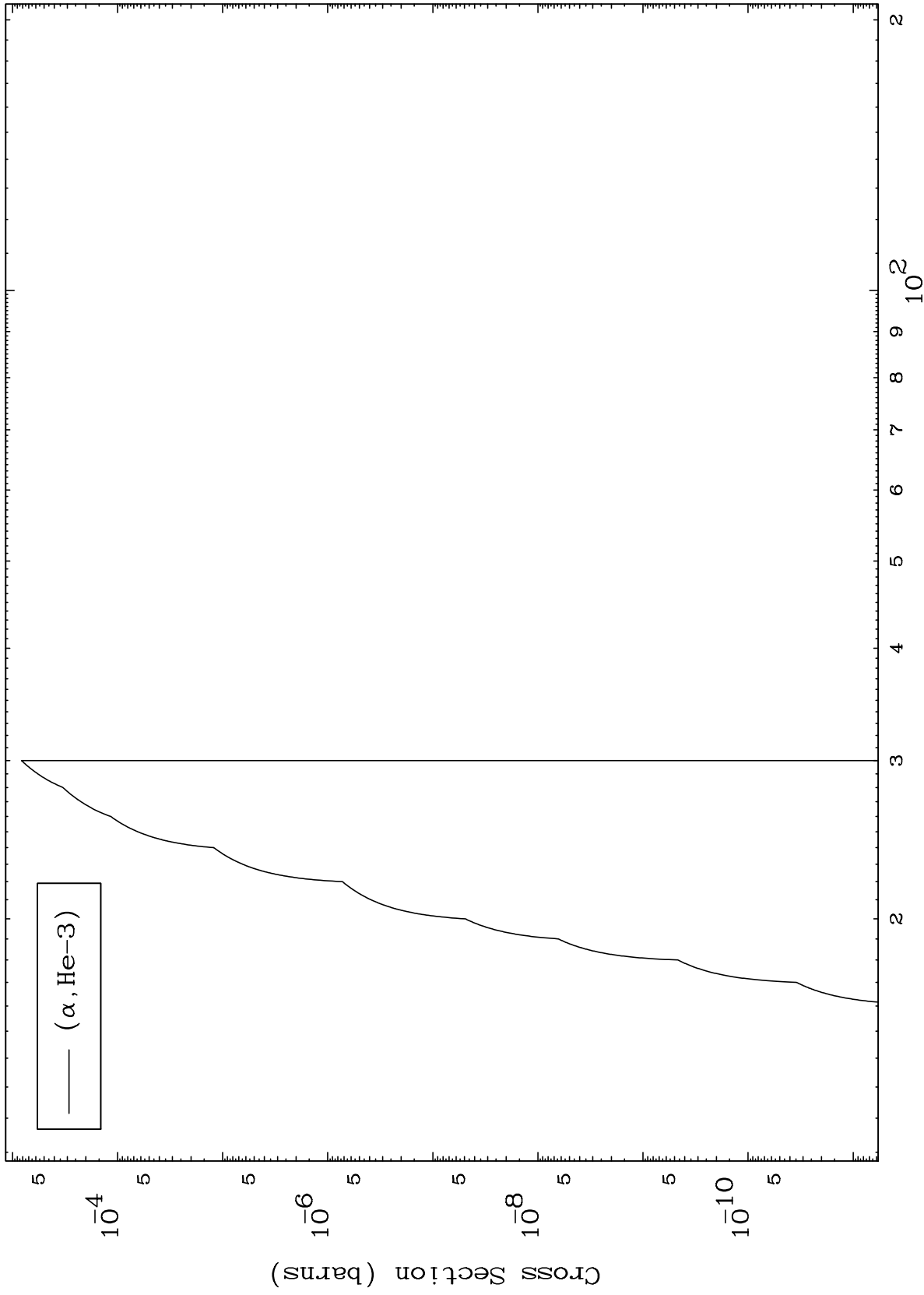
34-Se-79



8

Incident Energy (MeV)

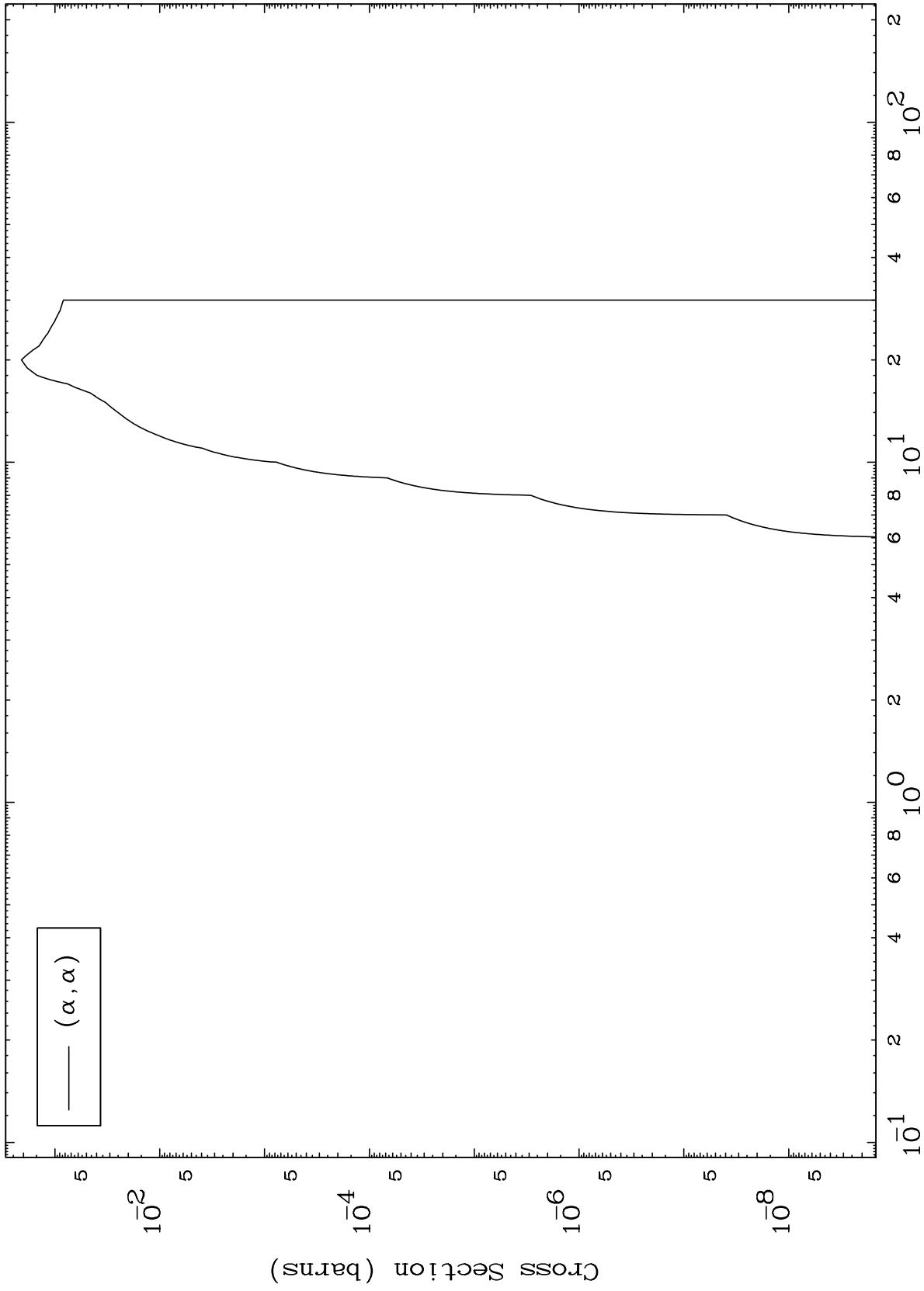
34-Se-79



MAT 3440

(α, α) Levels
0 Kelvin Cross Sections

34-Se-79



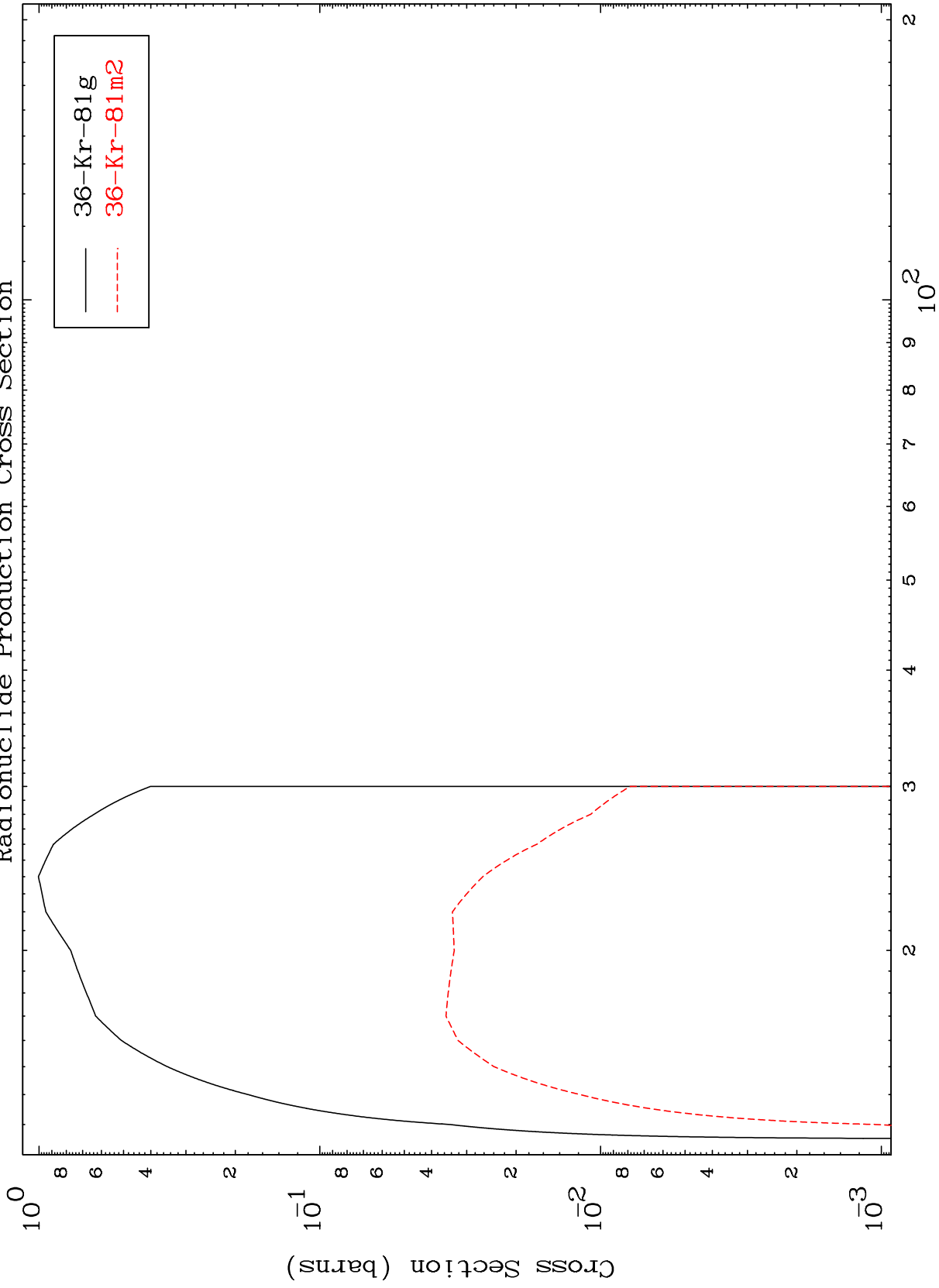
Incident Energy (MeV)

34-Se-79

MAT 3440

³⁴Se-79

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



11

Incident Energy (MeV)

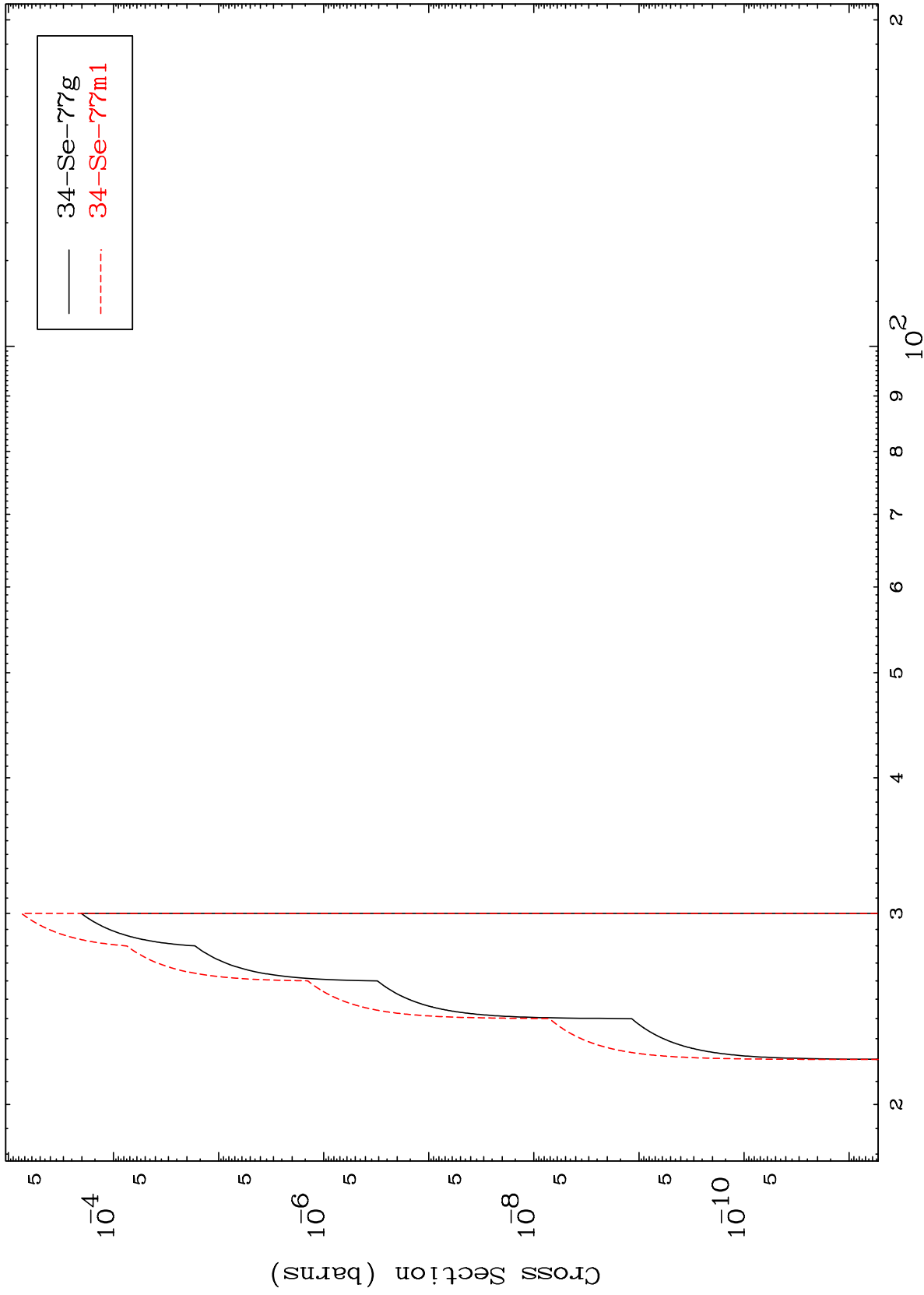
³⁴Se-79

MAT 3440

$(\alpha, 2n) \alpha$

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

Radionuclide Production Cross Section



12

Incident Energy (MeV)

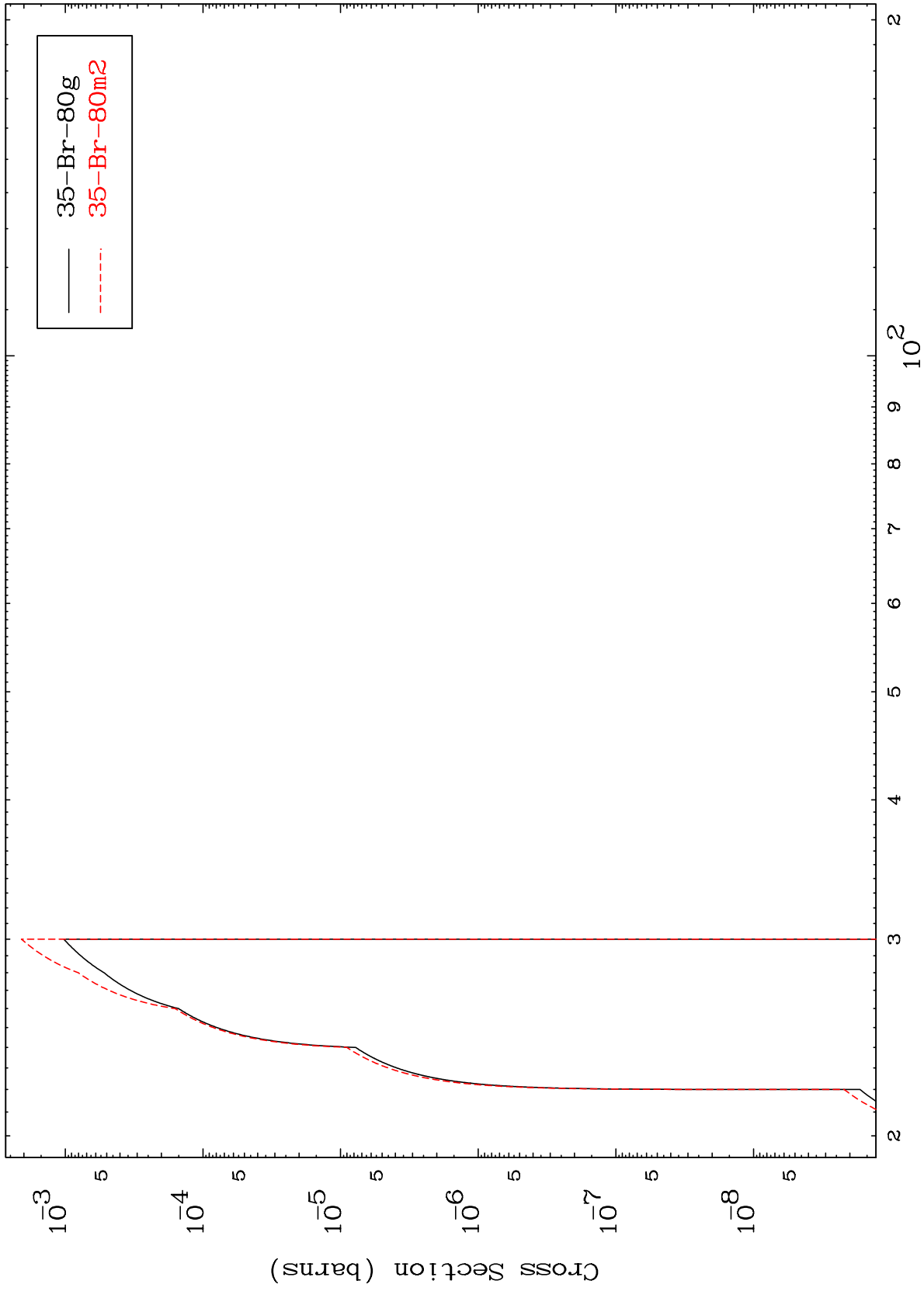
$^{34}\text{Se-79}$

MAT 3440

(α, n') d

34-Se-79

Radionuclide Production Cross Section



13

Incident Energy (MeV)

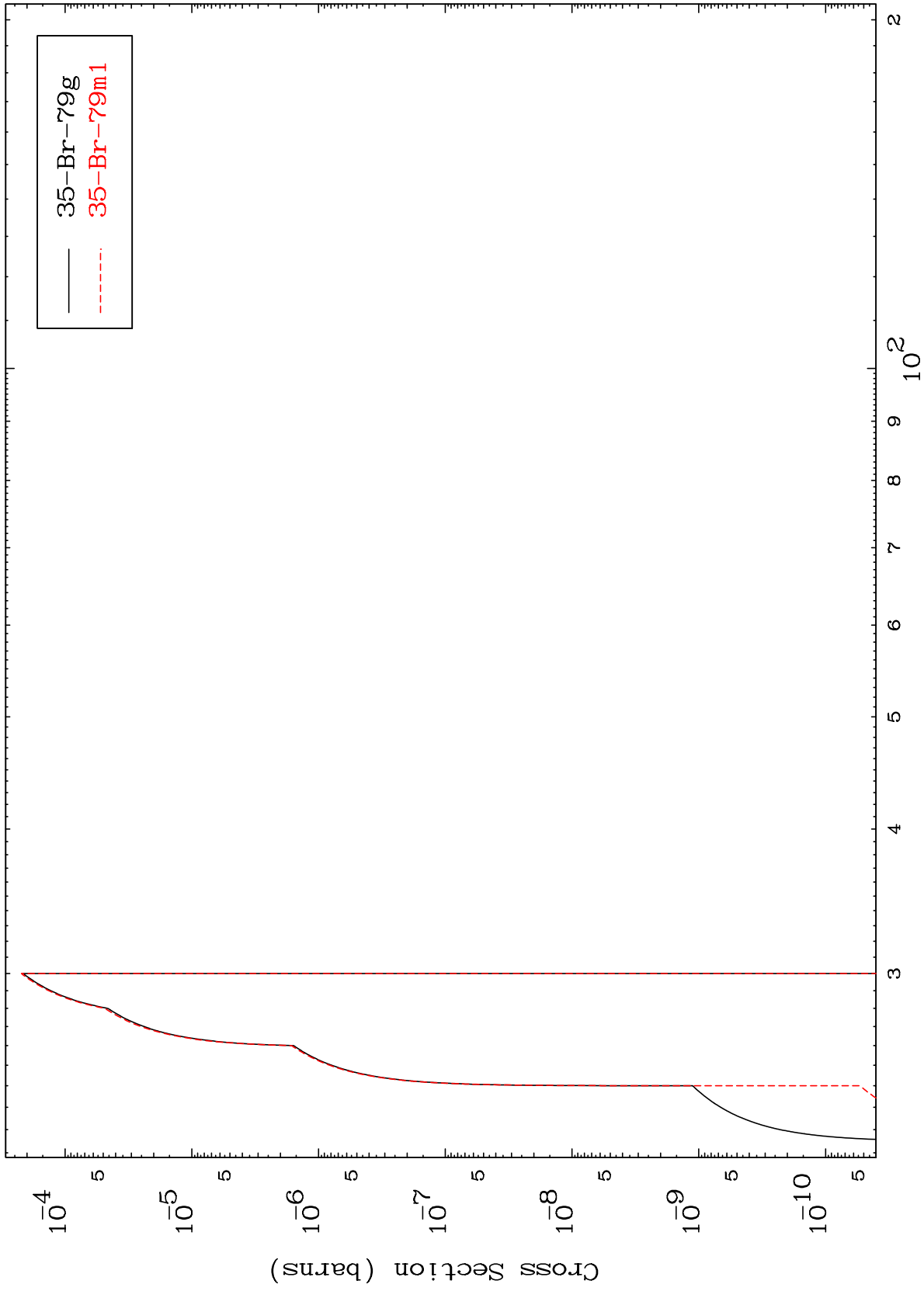
34-Se-79

MAT 3440

(α, n') t

³⁴Se-79

Radionuclide Production Cross Section



14

Incident Energy (MeV)

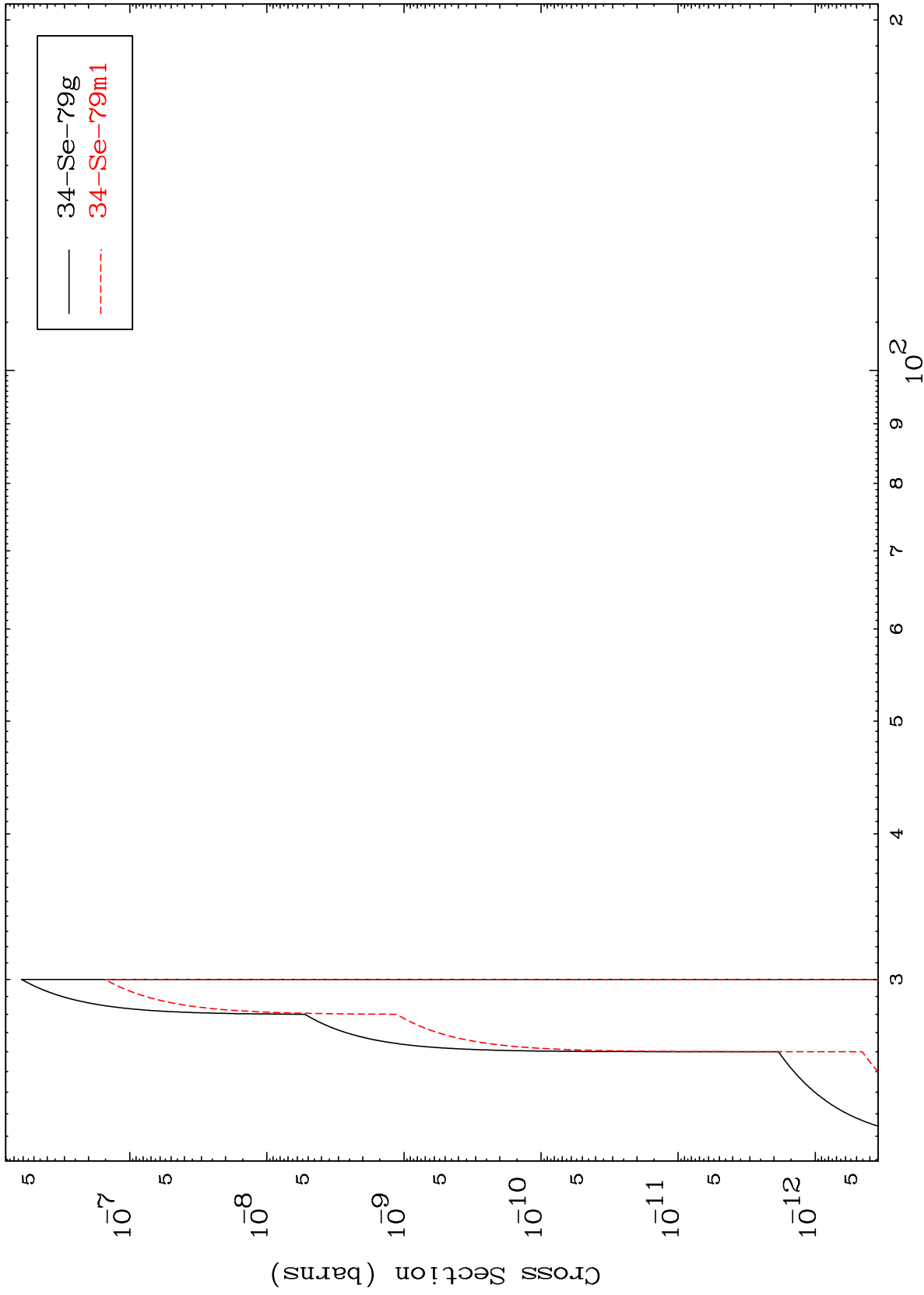
³⁴Se-79

MAT 3440

(α, n') He-3

³⁴Se-79

Radionuclide Production Cross Section



15

Incident Energy (MeV)

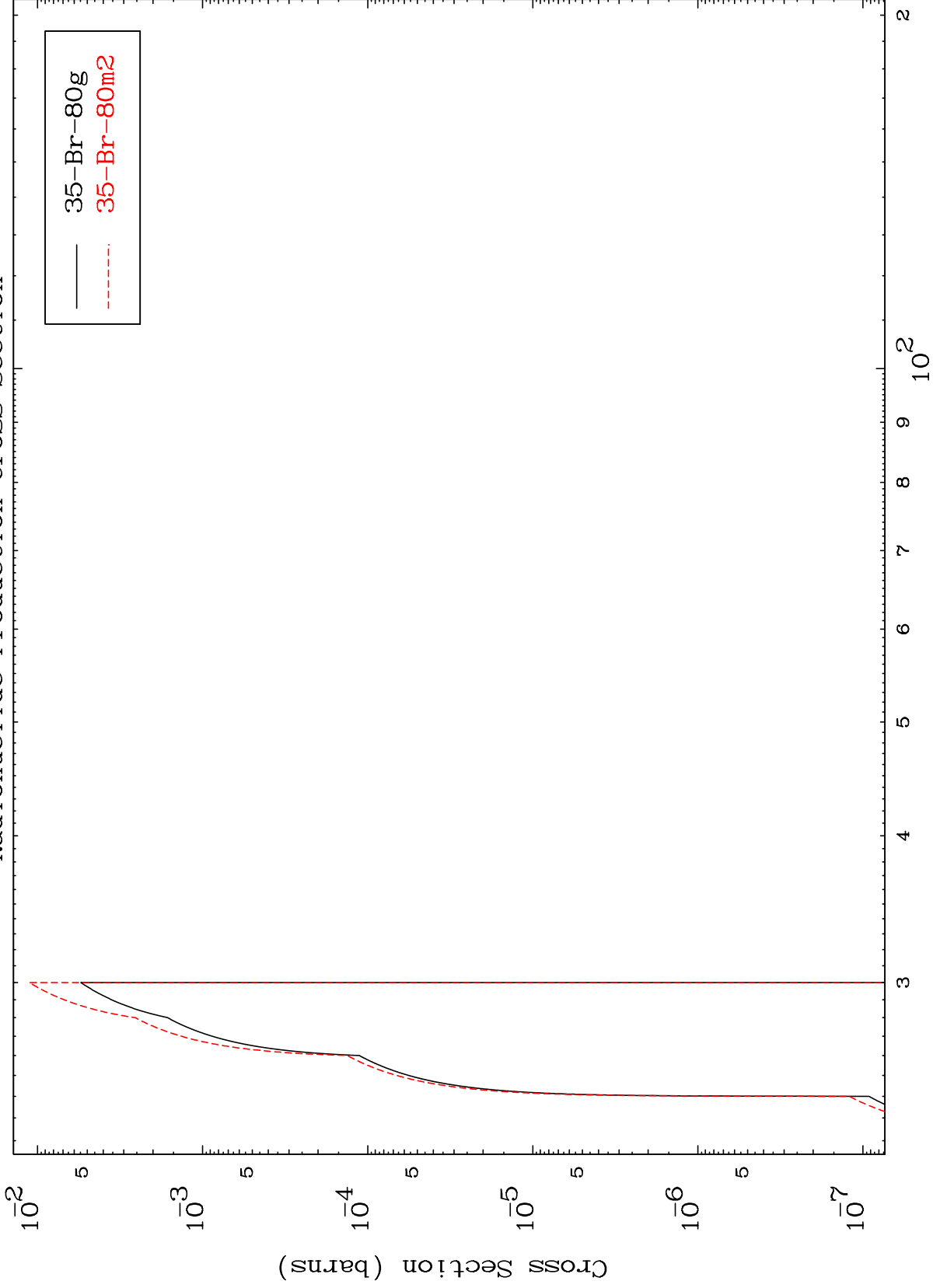
³⁴Se-79

MAT 3440

$(\alpha, 2n)$ p

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

Radionuclide Production Cross Section



16

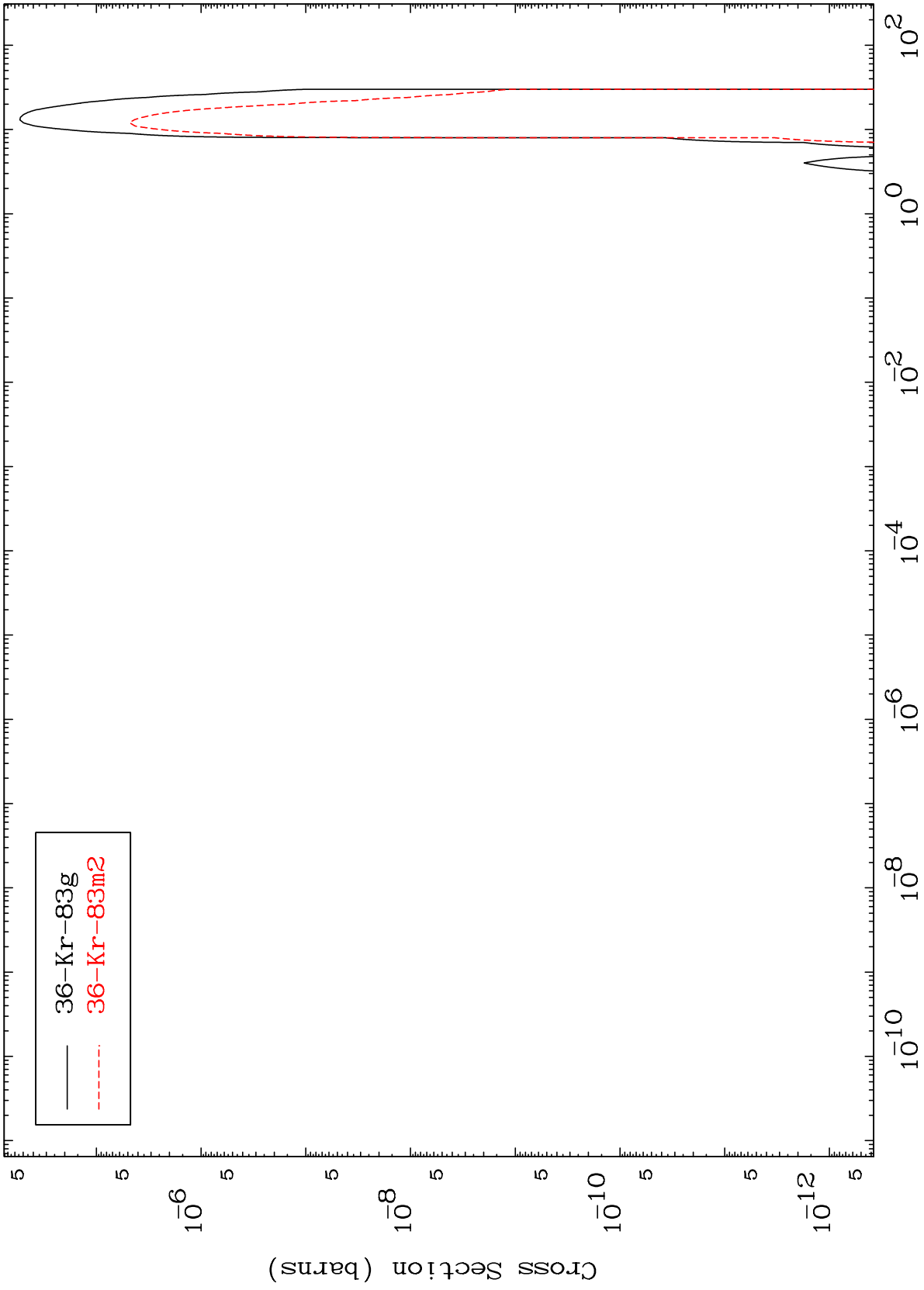
Incident Energy (MeV)

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

MAT 3440

(α, γ)
Radionuclide Production Cross Section

³⁴Se-79



17

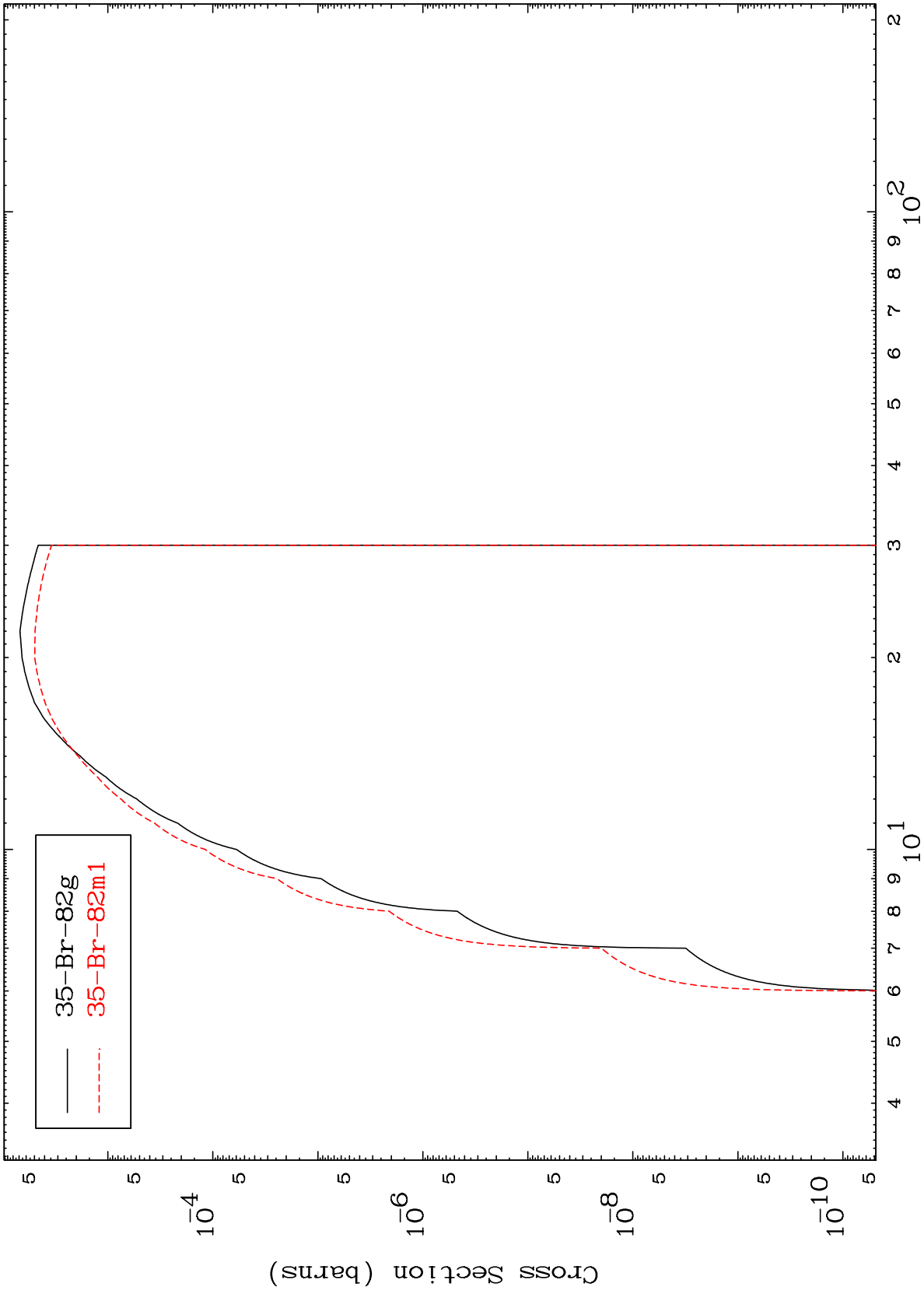
Incident Energy (MeV)

³⁴Se-79

MAT 3440

34-Se-79

Radionuclide Production Cross Section



18

Incident Energy (MeV)

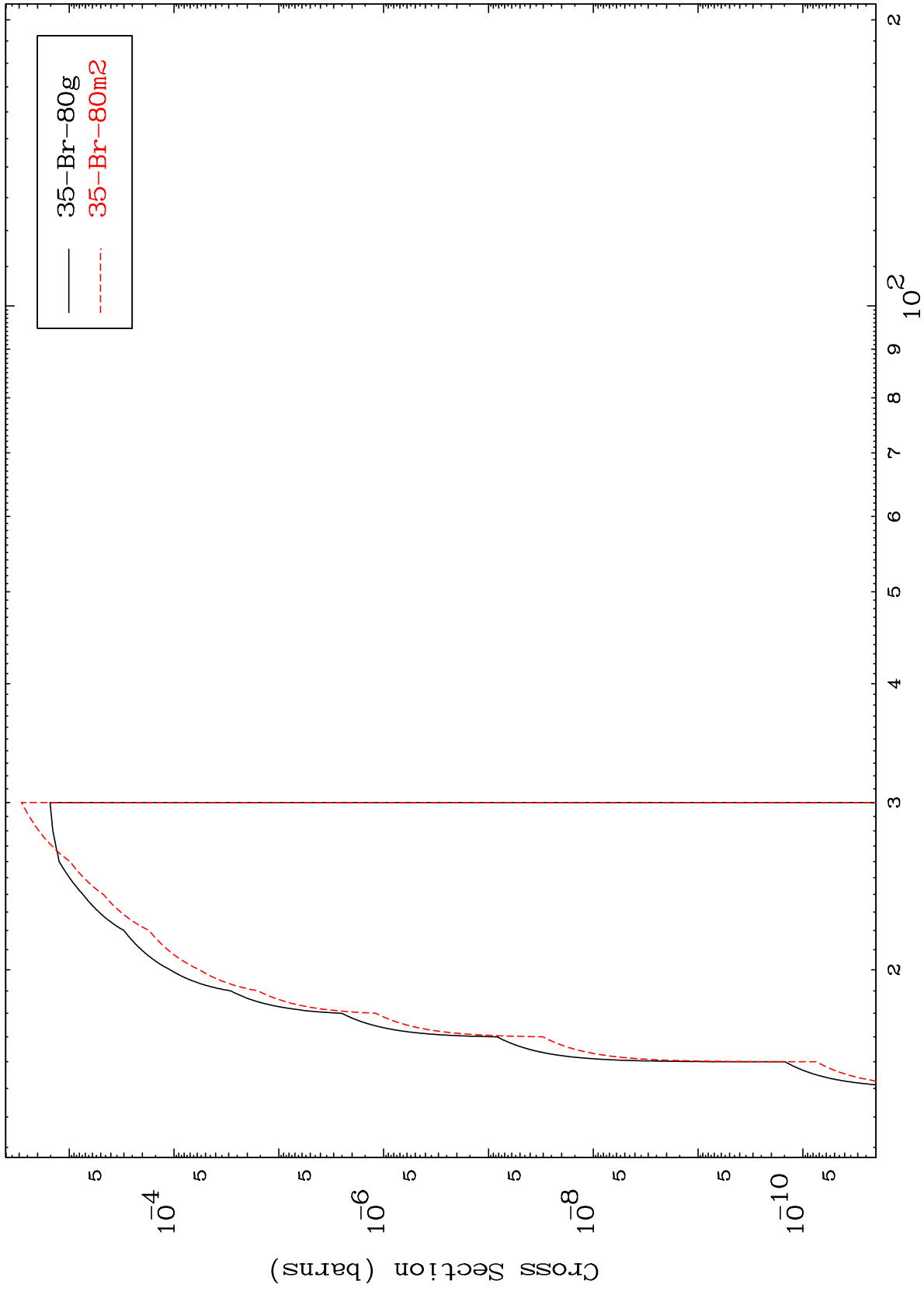
34-Se-79

MAT 3440

(α, t)

34-Se-79

Radionuclide Production Cross Section



19

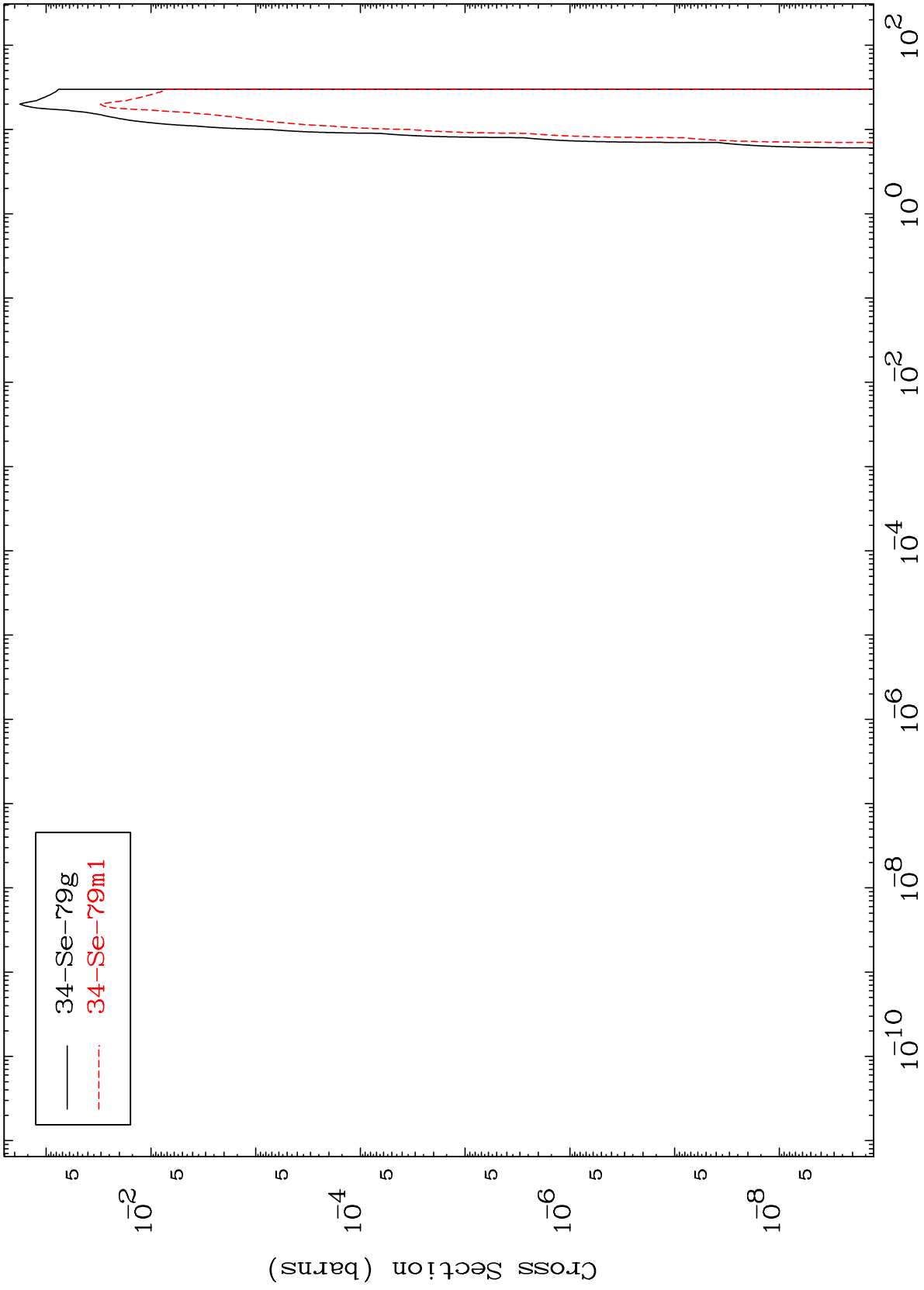
Incident Energy (MeV)

34-Se-79

MAT 3440

(α, α)
Radionuclide Production Cross Section

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



20

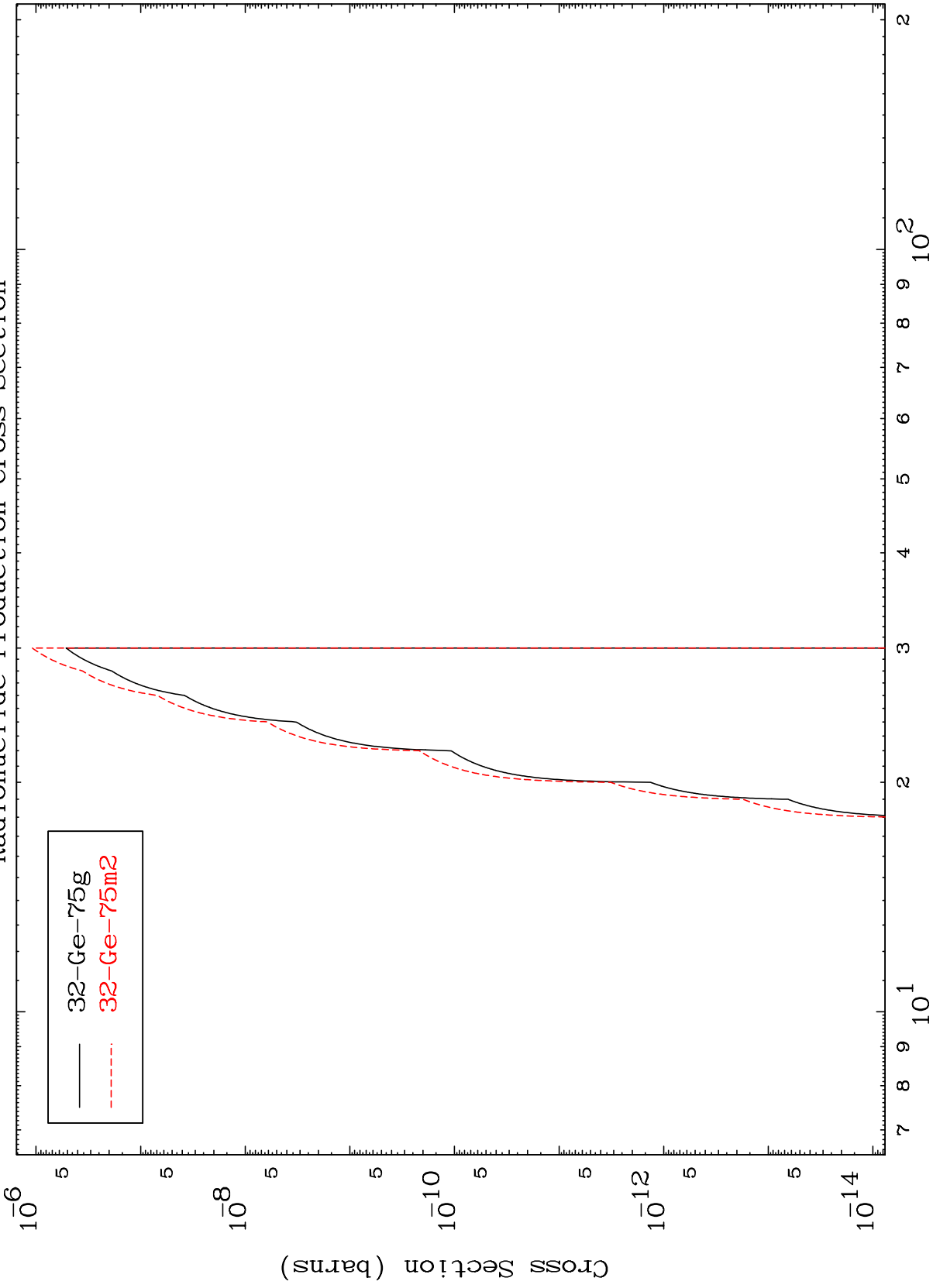
Incident Energy (MeV)

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

MAT 3440

³⁴Se-79

Radionuclide Production Cross Section



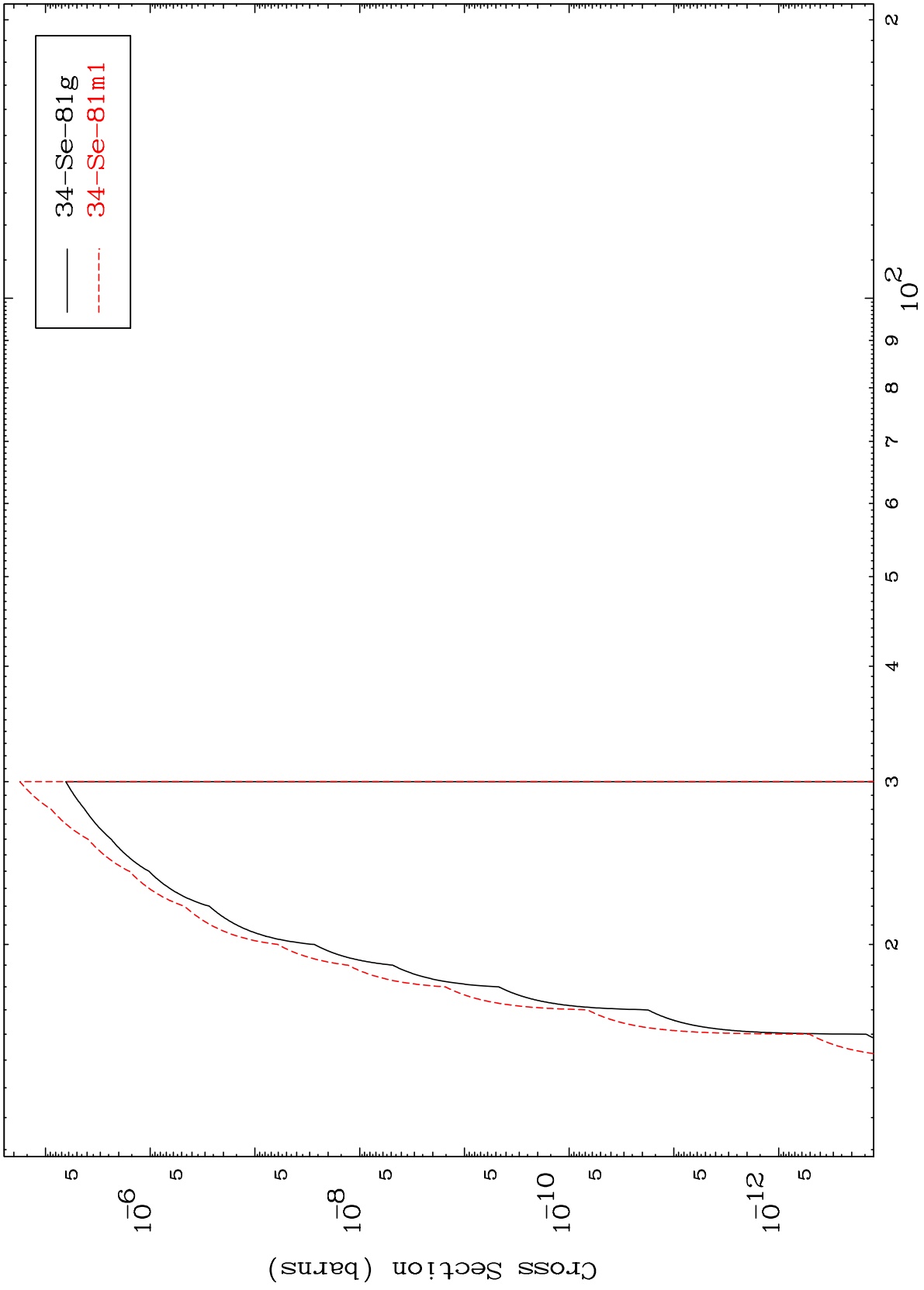
21

³⁴Se-79

MAT 3440

34-Se-79

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



22

34-Se-79

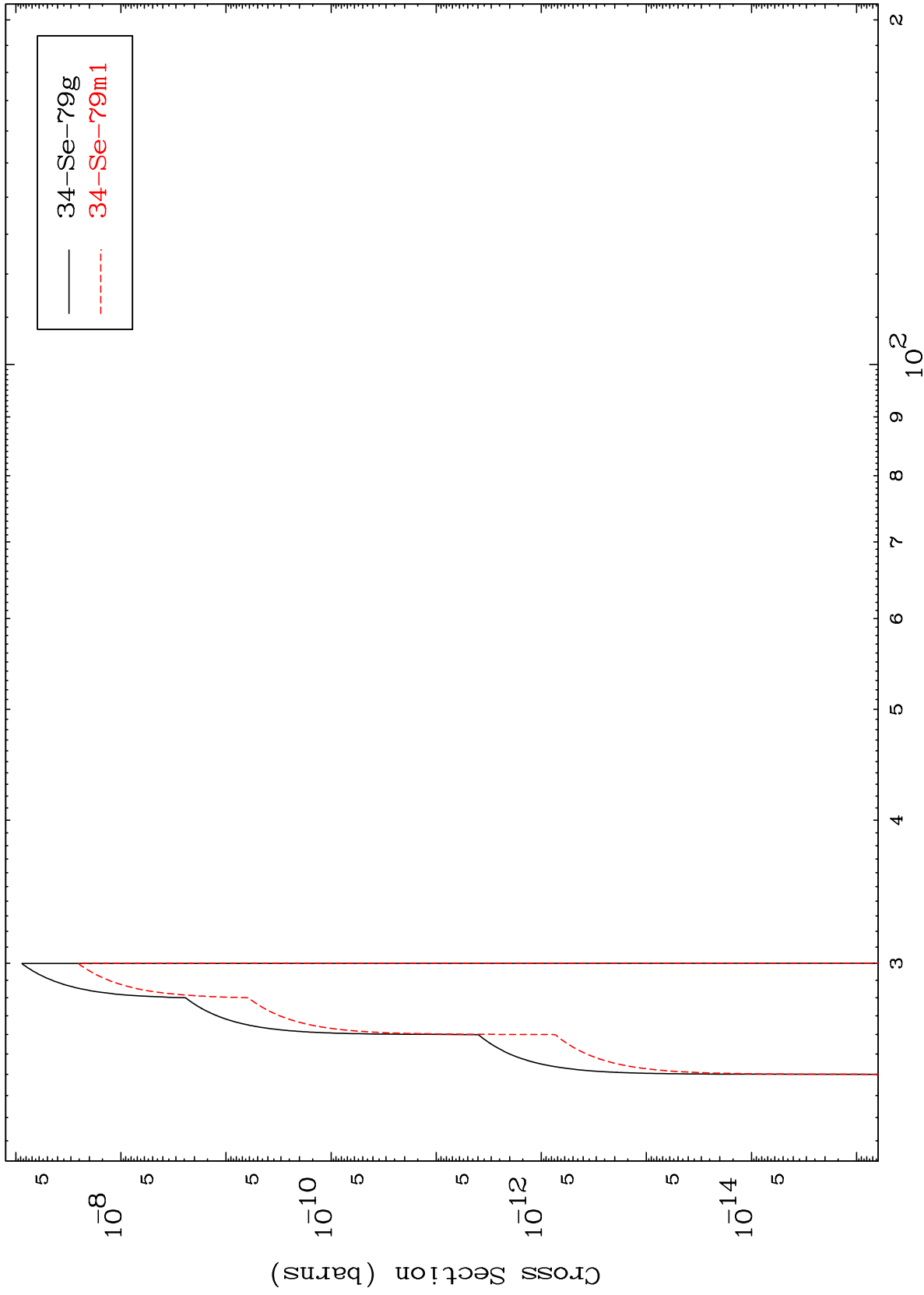
Incident Energy (MeV)

MAT 3440

(α, p) t

³⁴Se-79

Radionuclide Production Cross Section



23

Incident Energy (MeV)

³⁴Se-79