

Program EVALPLOT
(Version 2018-1)

by

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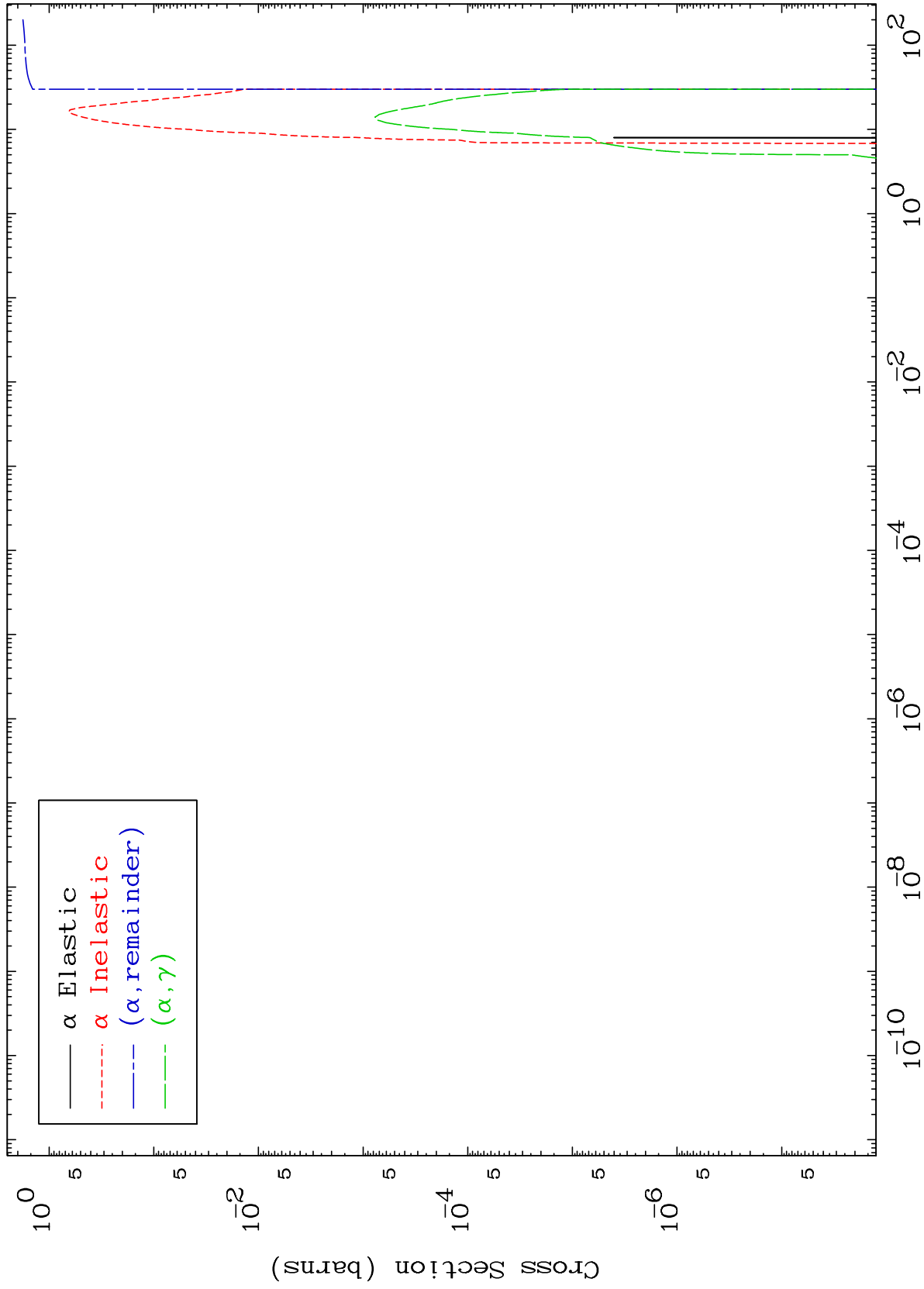
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3431

0 Kelvin α Major
Cross Sections

34-Se-76



1

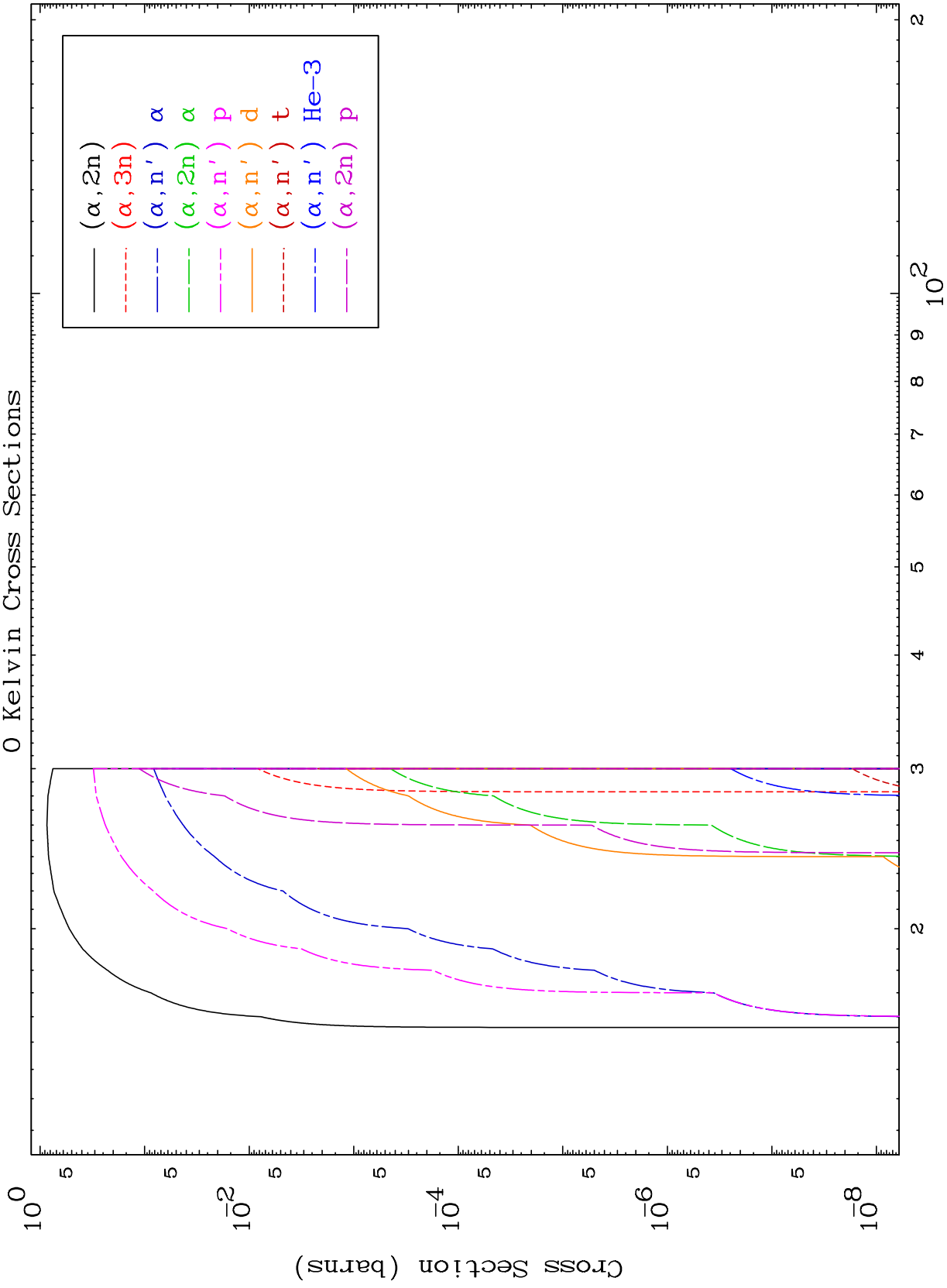
Incident Energy (MeV)

34-Se-76

MAT 3431

α Neutron Production
0 Kelvin Cross Sections

34-Se-76



2

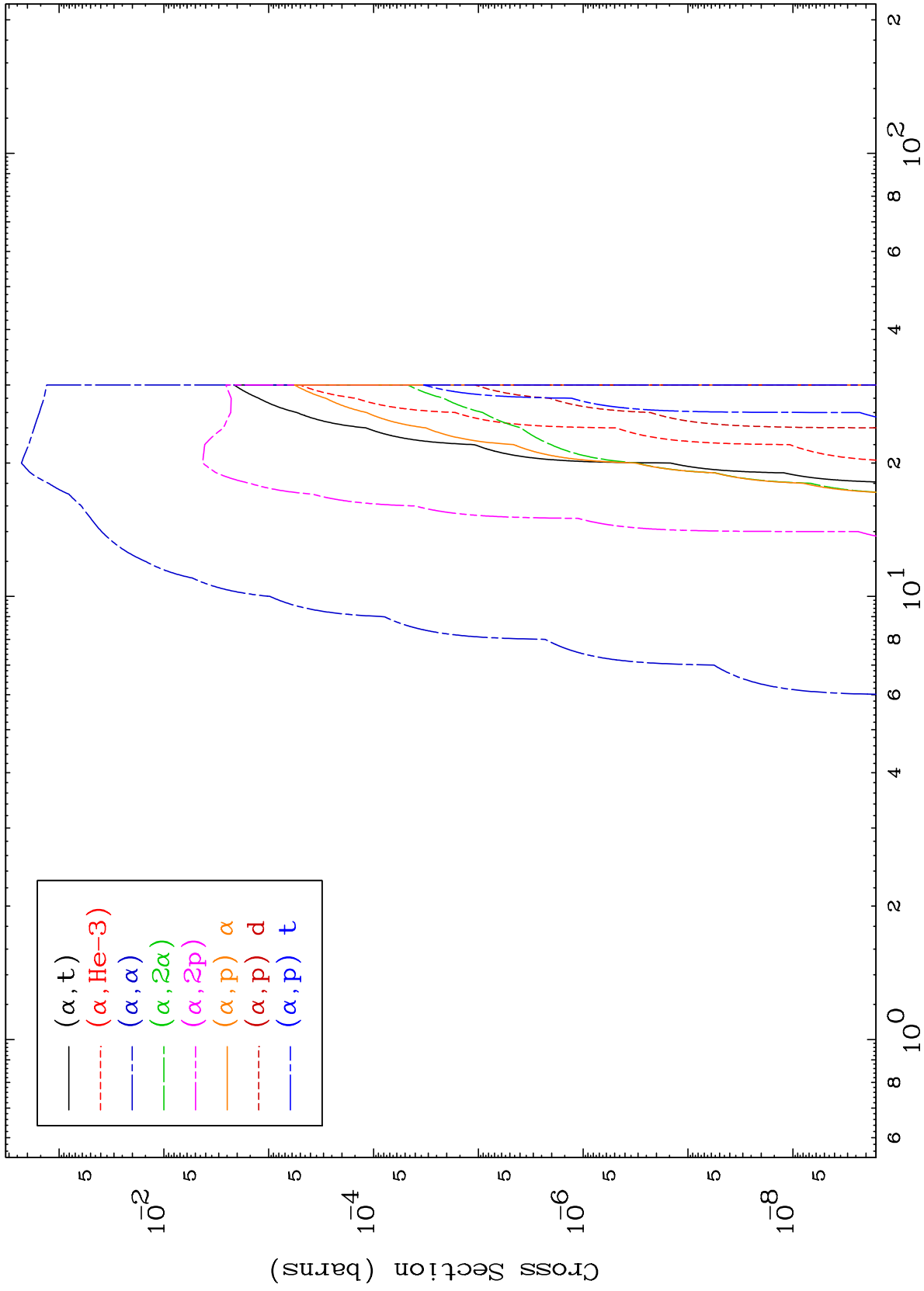
Incident Energy (MeV)

34-Se-76

MAT 3431

α Charged Particle
0 Kelvin Cross Sections

34-Se-76



4

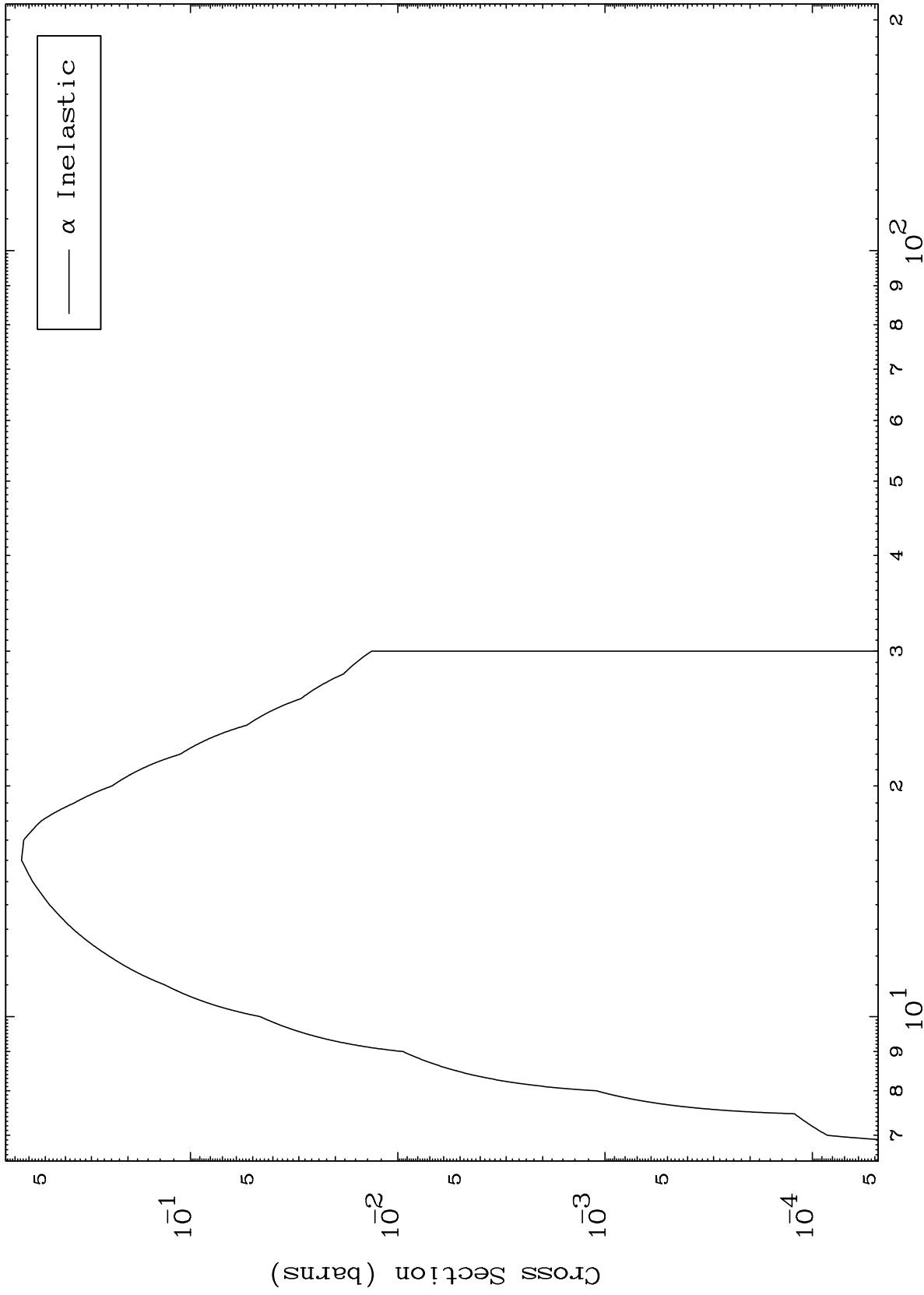
Incident Energy (MeV)

34-Se-76

MAT 3431

(α, n') Level
0 Kelvin Cross Sections

34-Se-76



α Inelastic

5

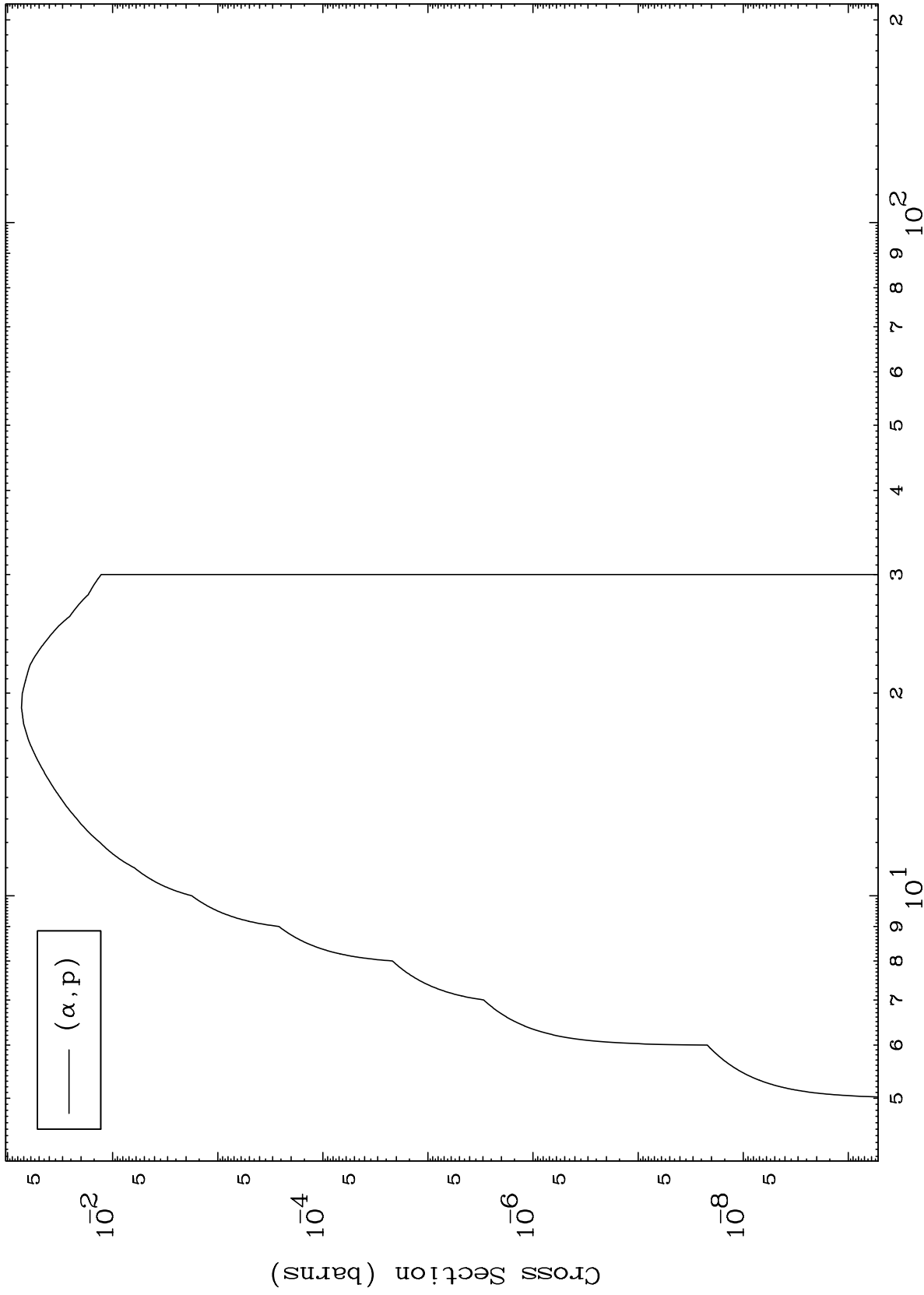
Incident Energy (MeV)

34-Se-76

MAT 3431

34-Se-76

(α, p) Levels
0 Kelvin Cross Sections



6

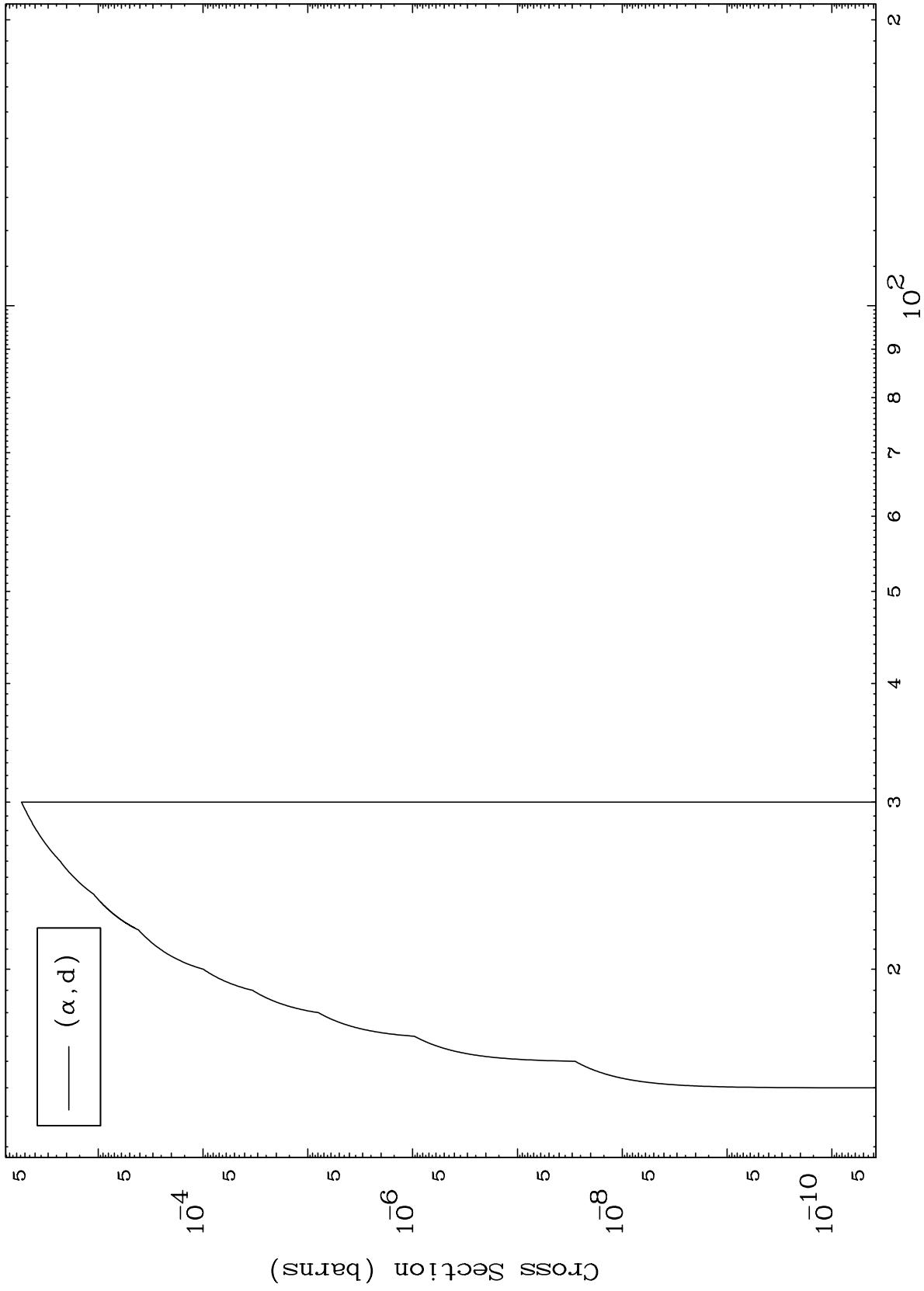
Incident Energy (MeV)

34-Se-76

MAT 3431

(α, d) Levels
0 Kelvin Cross Sections

34-Se-76



7

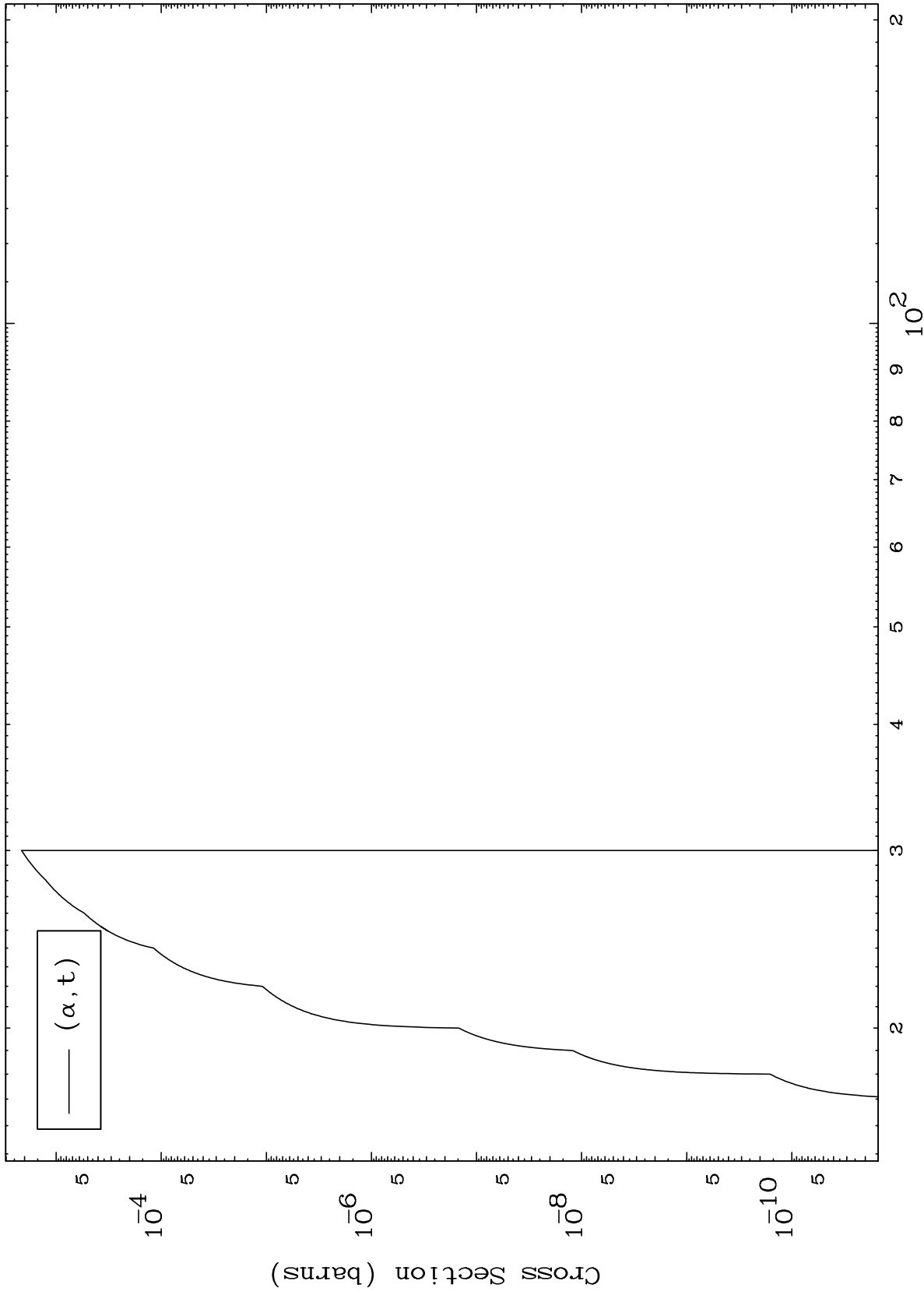
Incident Energy (MeV)

34-Se-76

MAT 3431

(α, t) Levels
0 Kelvin Cross Sections

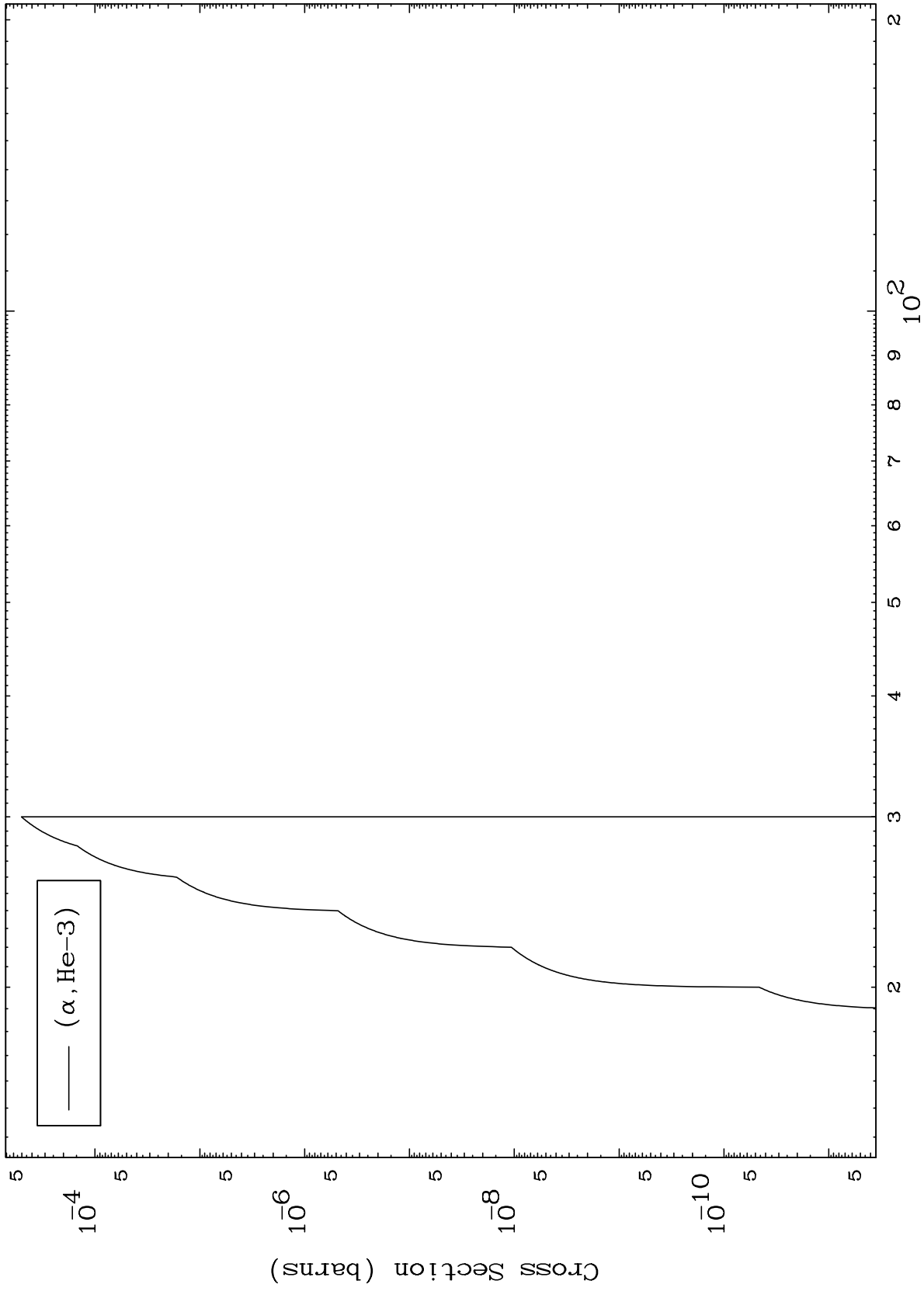
³⁴Se-76



8

Incident Energy (MeV)

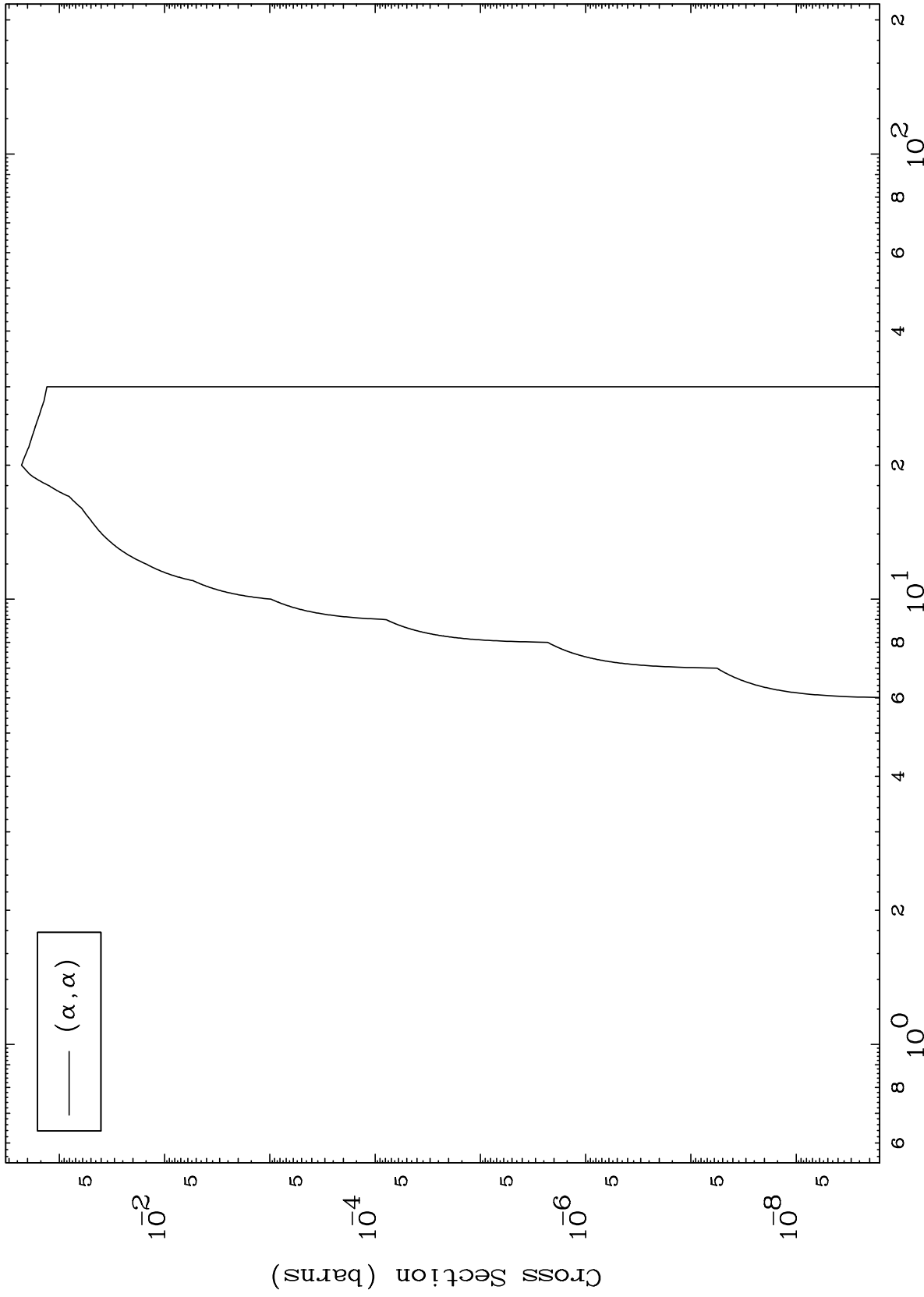
³⁴Se-76



MAT 3431

(α, α) Levels
0 Kelvin Cross Sections

34-Se-76



10

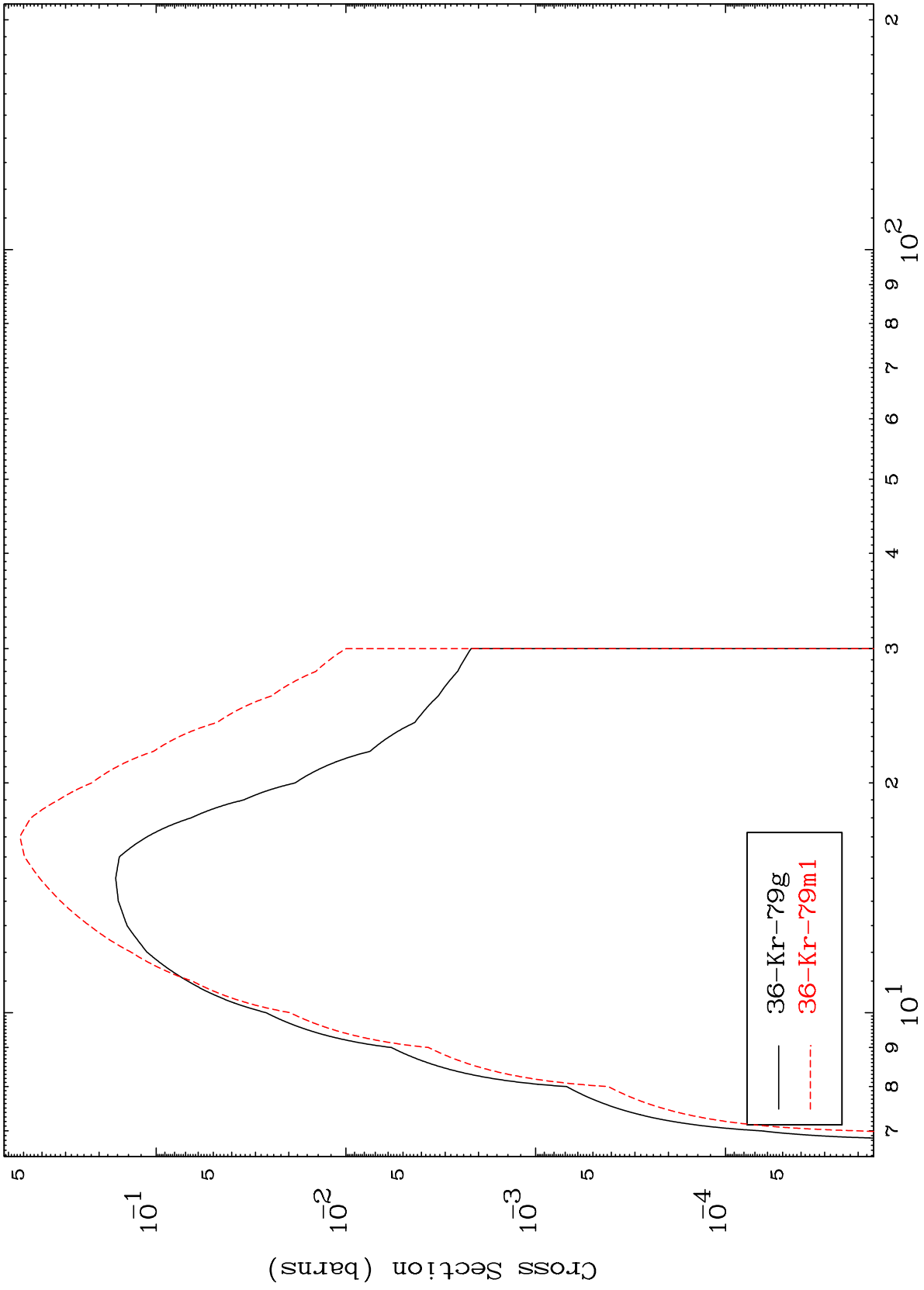
Incident Energy (MeV)

34-Se-76

MAT 3431

³⁴Se-76

Radionuclide Production Cross Section
 α Inelastic



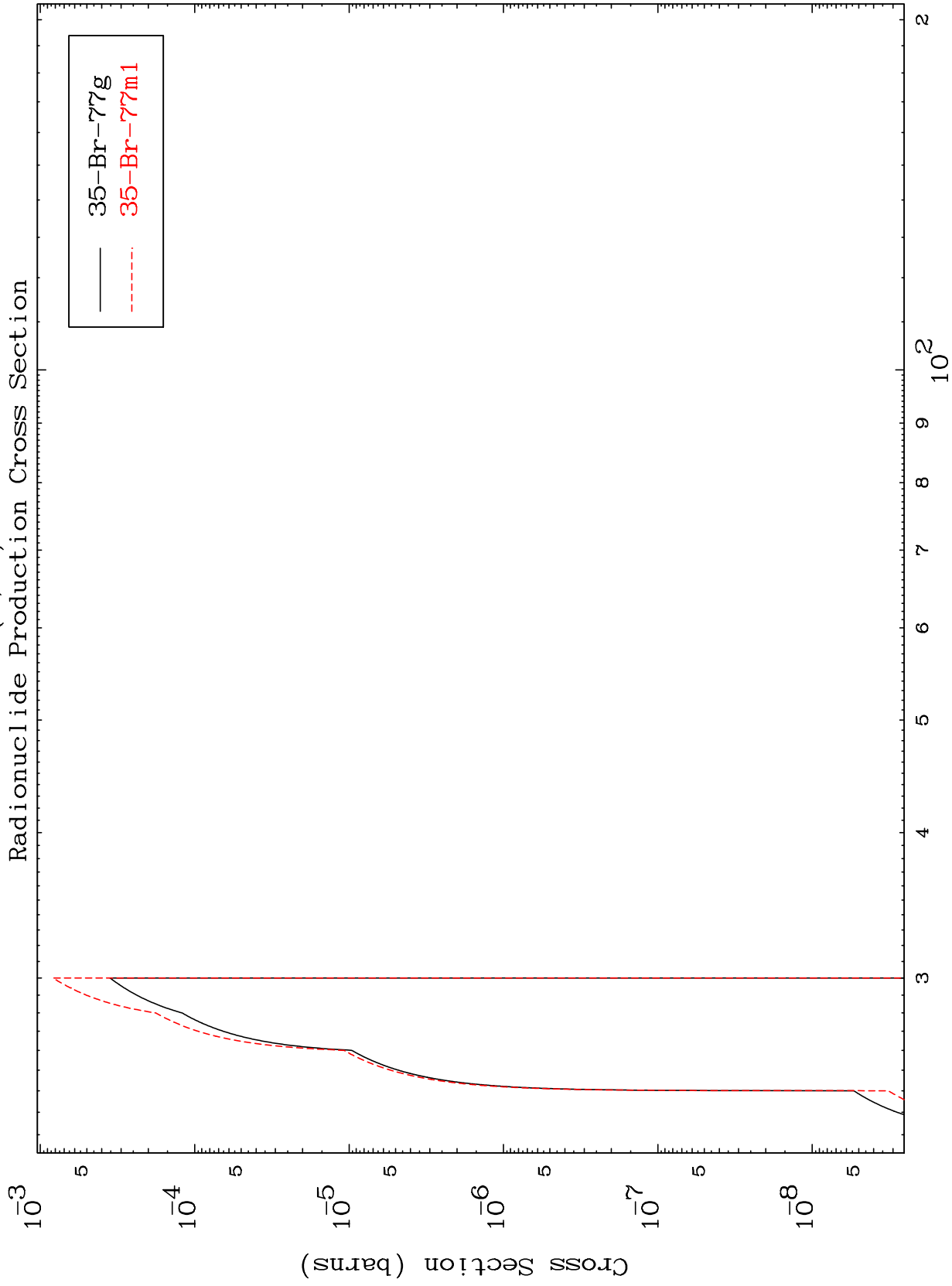
11

³⁴Se-76

MAT 3431

(α, n') d

³⁴Se-76



12

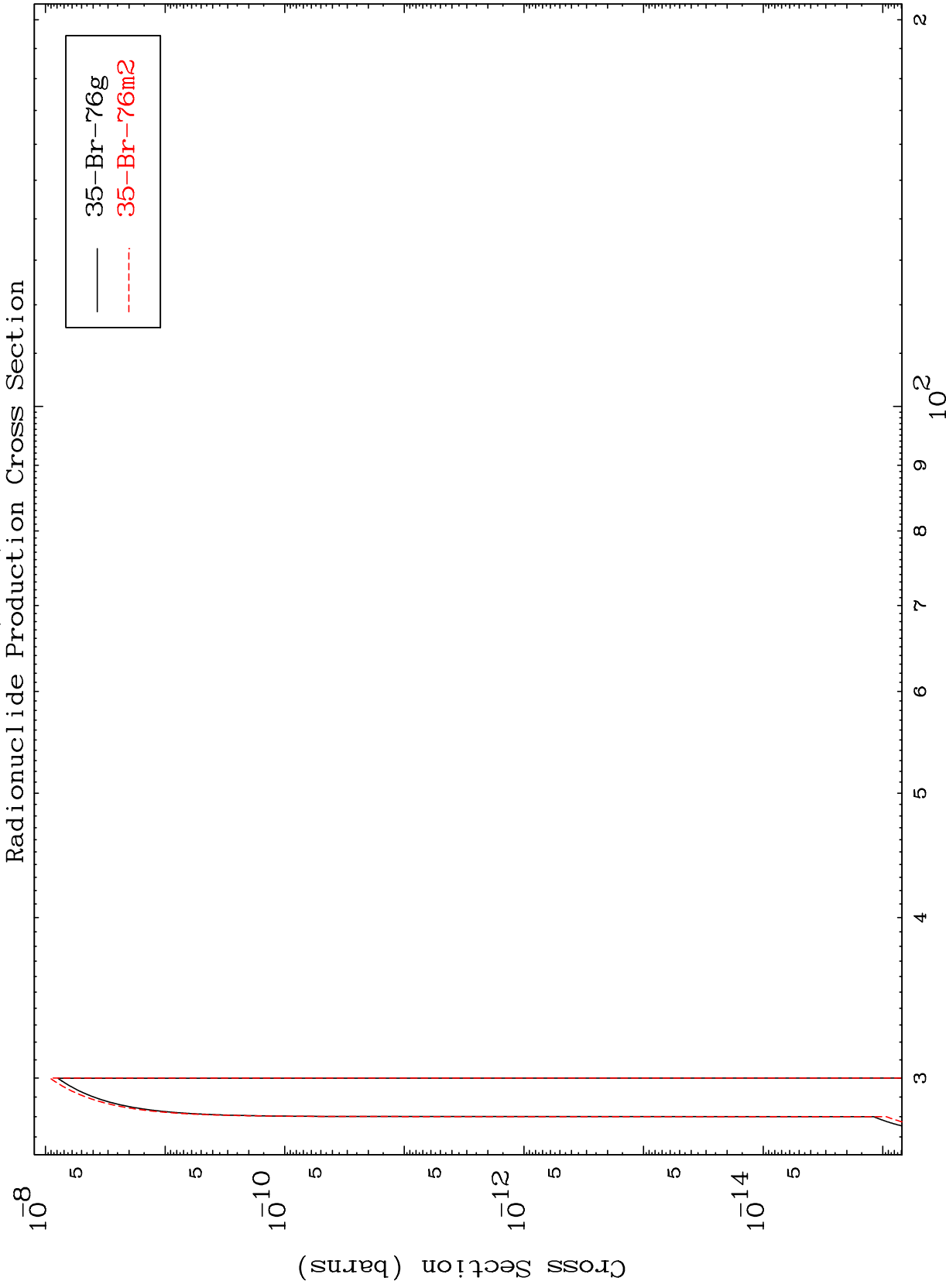
Incident Energy (MeV)

³⁴Se-76

MAT 3431

(α, n') t

³⁴Se-76



13

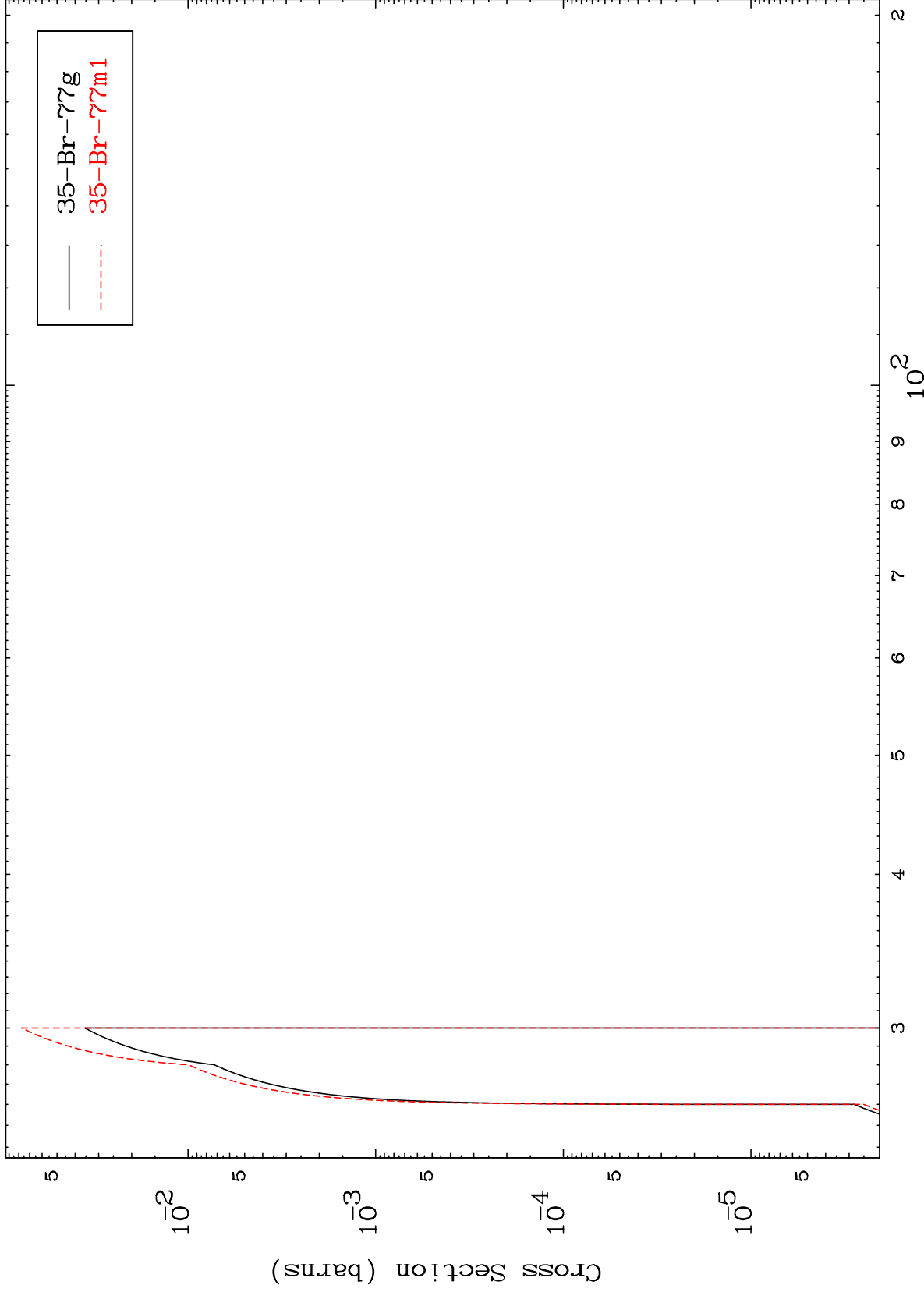
³⁴Se-76

MAT 3431

$(\alpha, 2n)$ p

$^{34}\text{Se-76}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

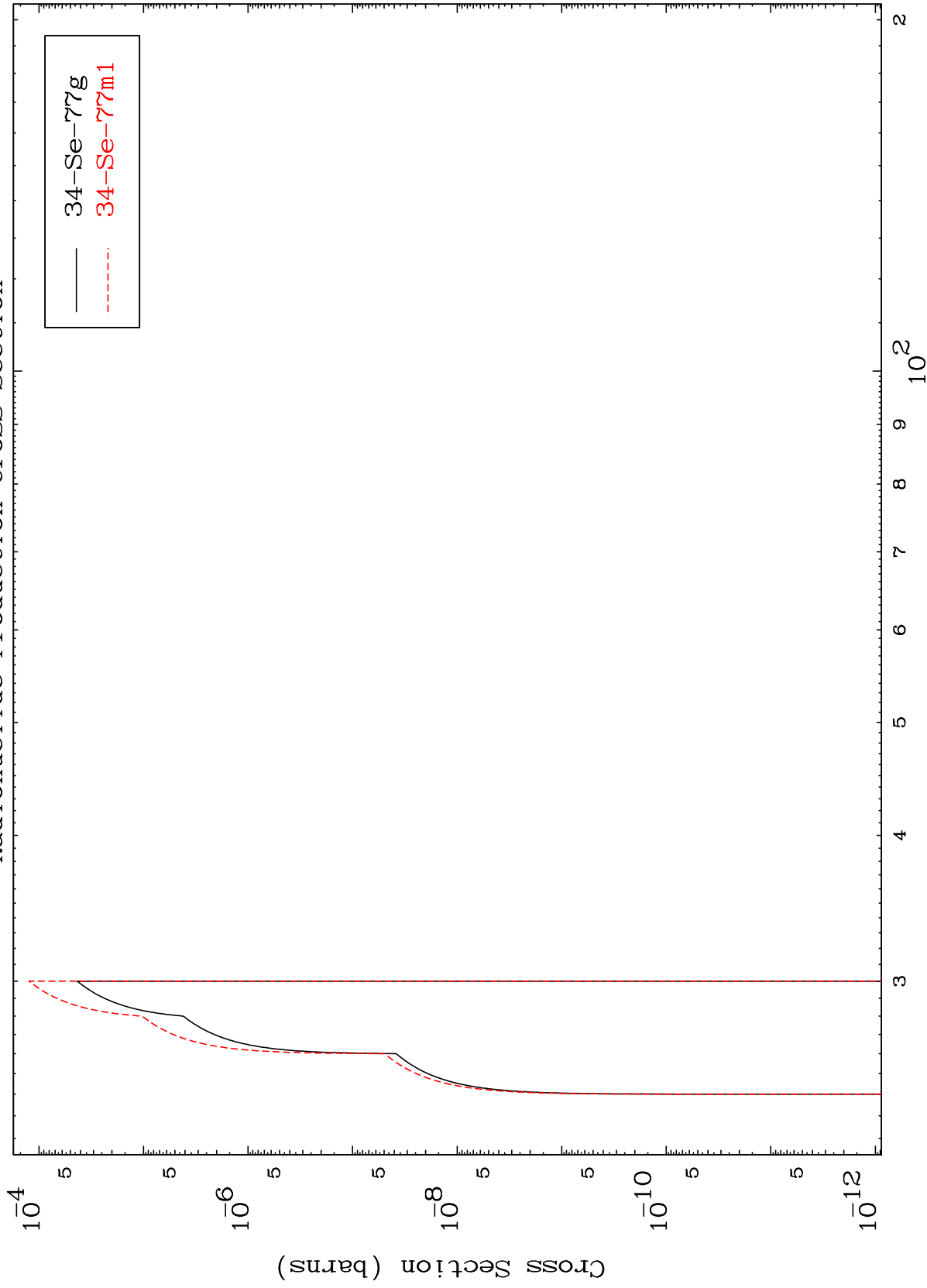
$^{34}\text{Se-76}$

MAT 3431

($\alpha, 2n$) p

$^{34}\text{Se-76}$

Radionuclide Production Cross Section



15

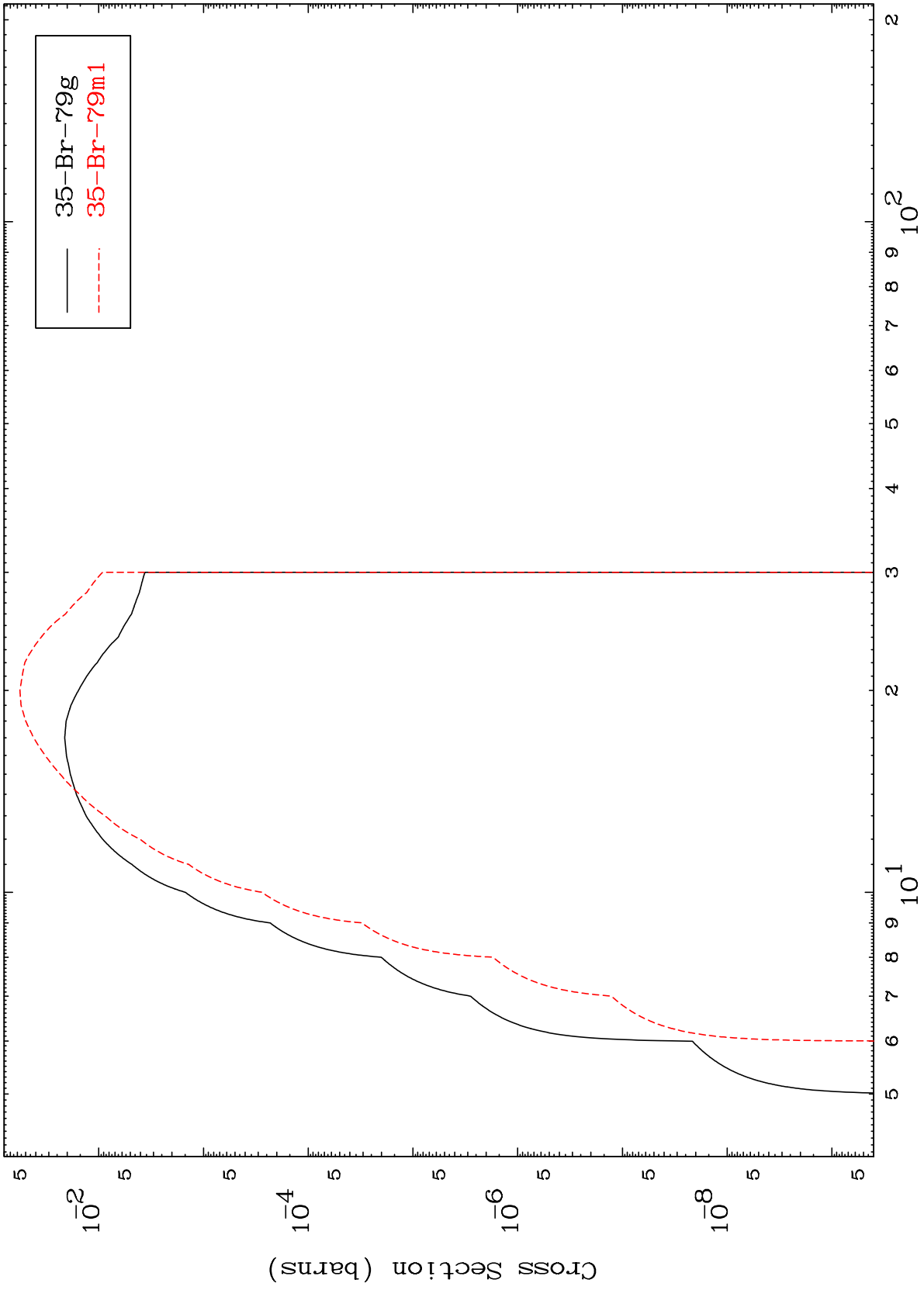
Incident Energy (MeV)

$^{34}\text{Se-76}$

MAT 3431

³⁴Se-76

(α, p)
Radionuclide Production Cross Section



³⁴Se-76

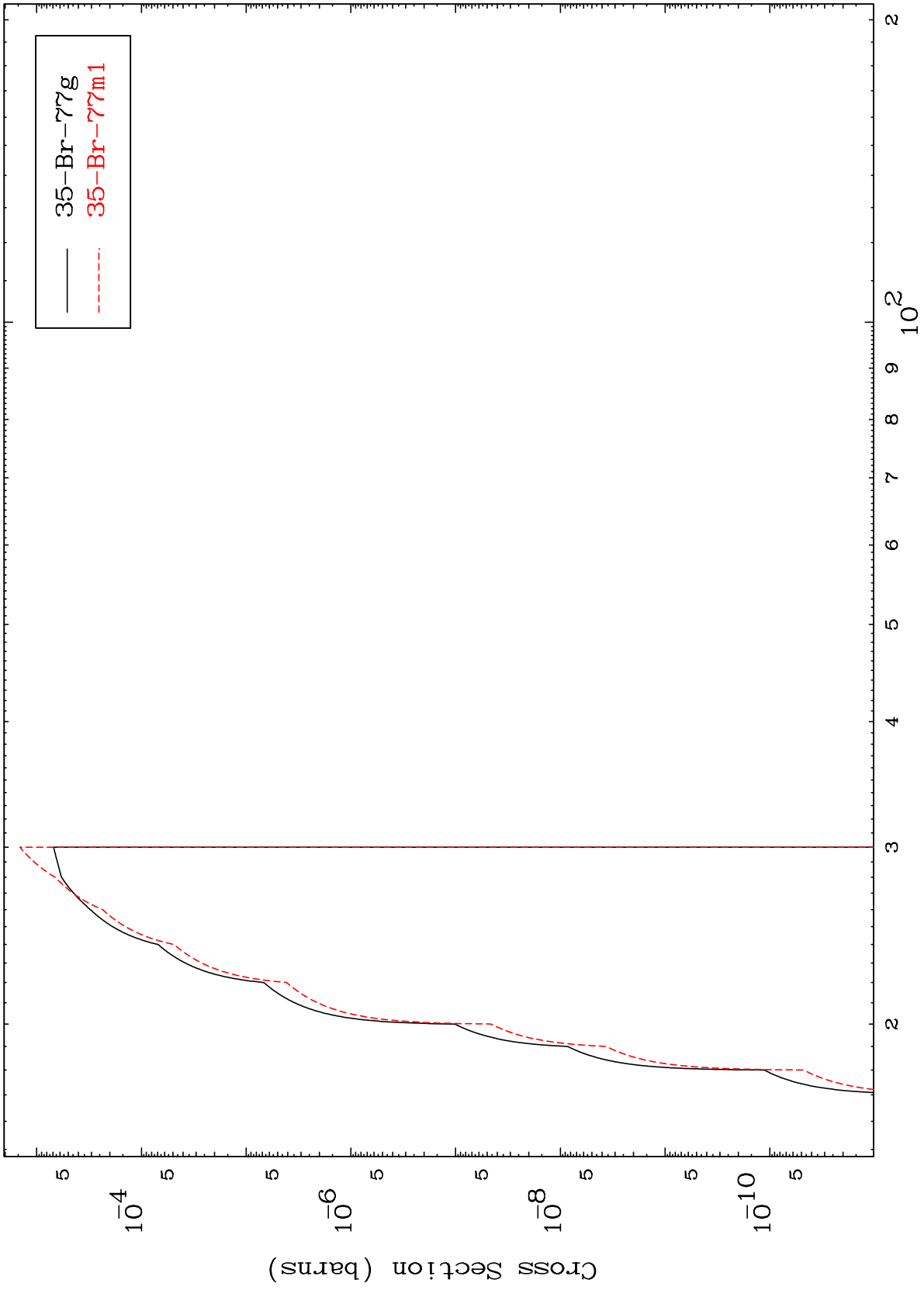
Incident Energy (MeV)

16

MAT 3431

³⁴Se-76

(α, t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

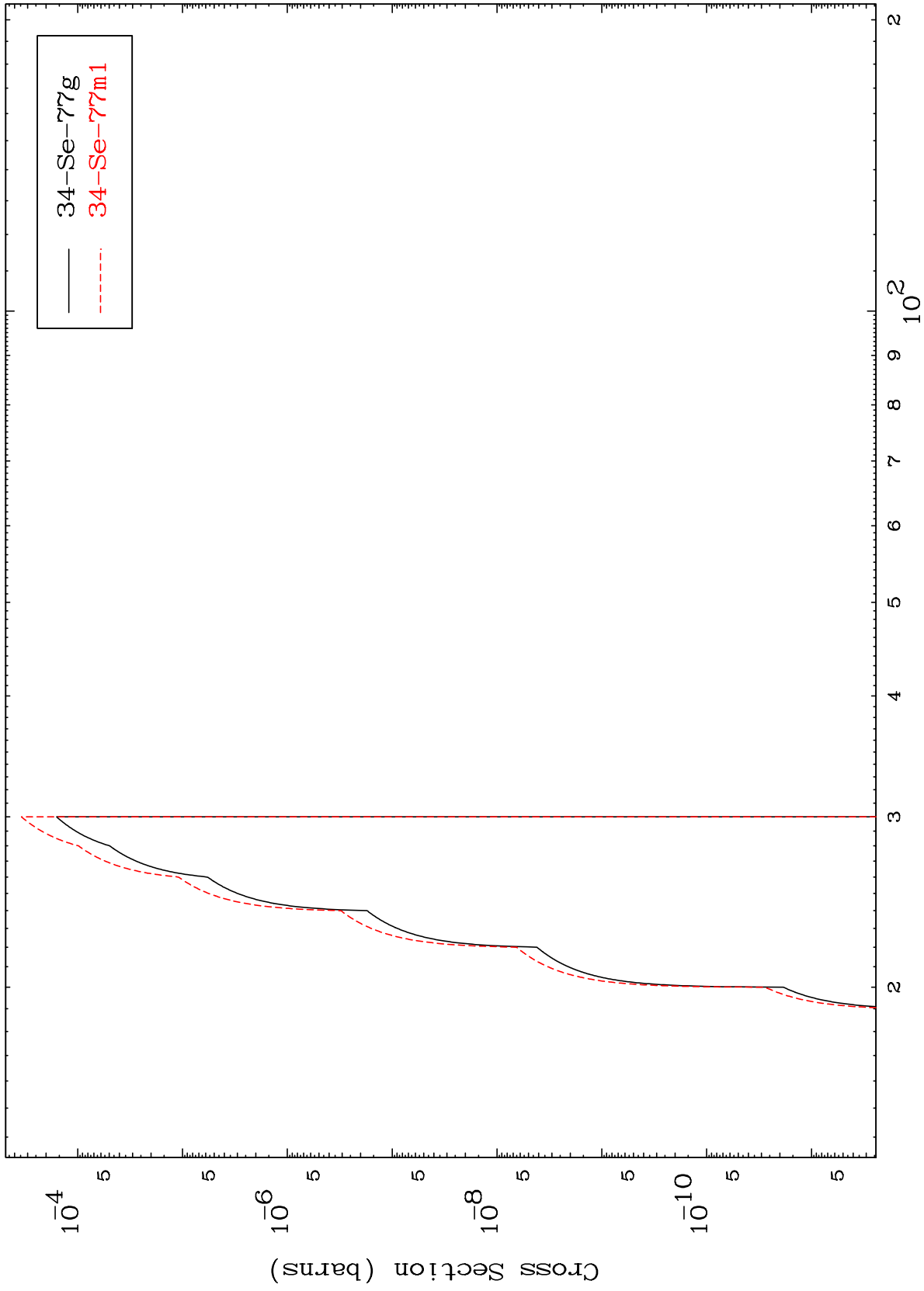
³⁴Se-76

MAT 3431

($\alpha, \text{He-3}$)

$^{34}\text{Se-76}$

Radionuclide Production Cross Section



18

Incident Energy (MeV)

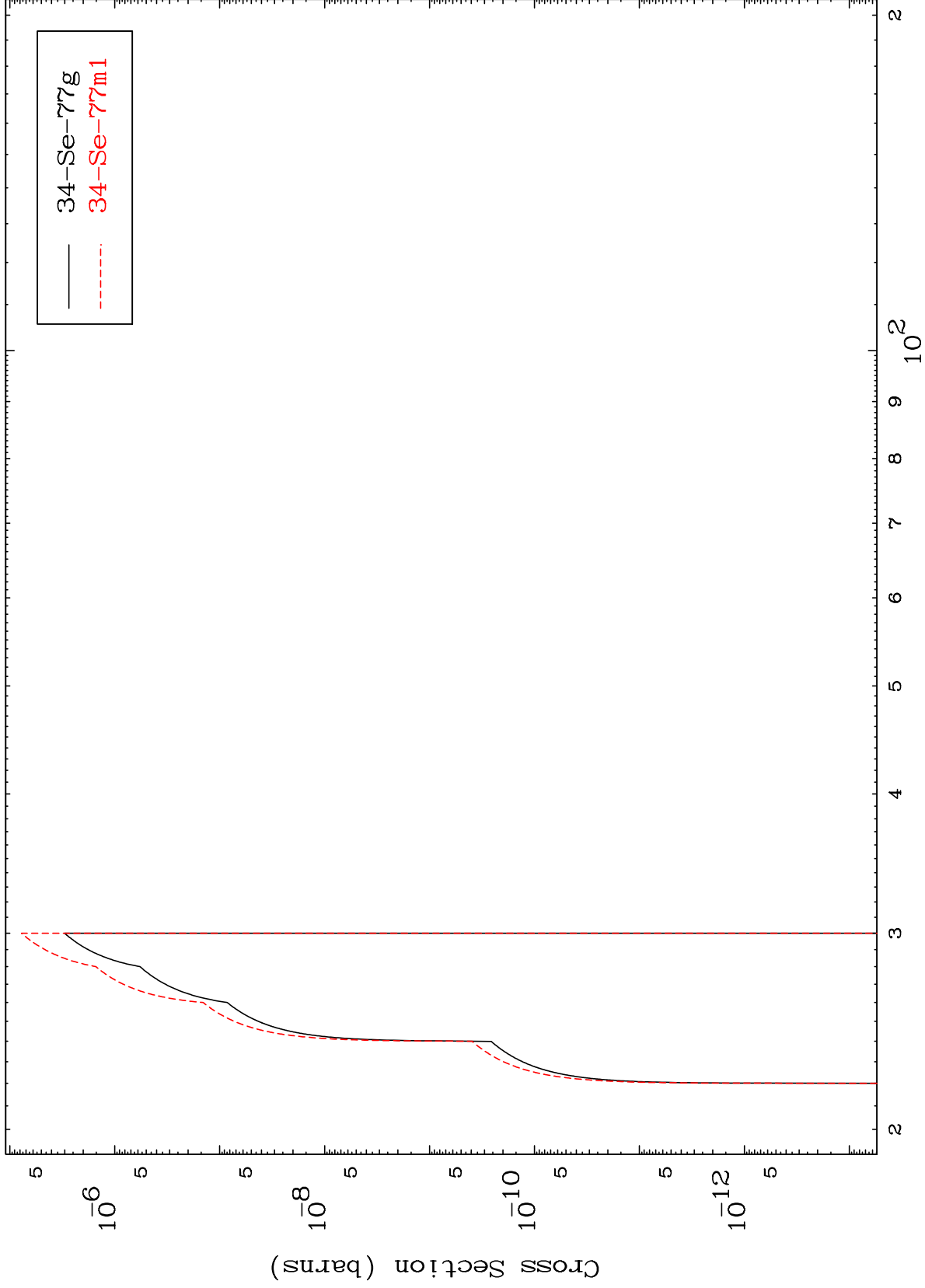
$^{34}\text{Se-76}$

MAT 3431

(α, p) d

$^{34}\text{Se-76}$

Radionuclide Production Cross Section



19

Incident Energy (MeV)

$^{34}\text{Se-76}$