

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

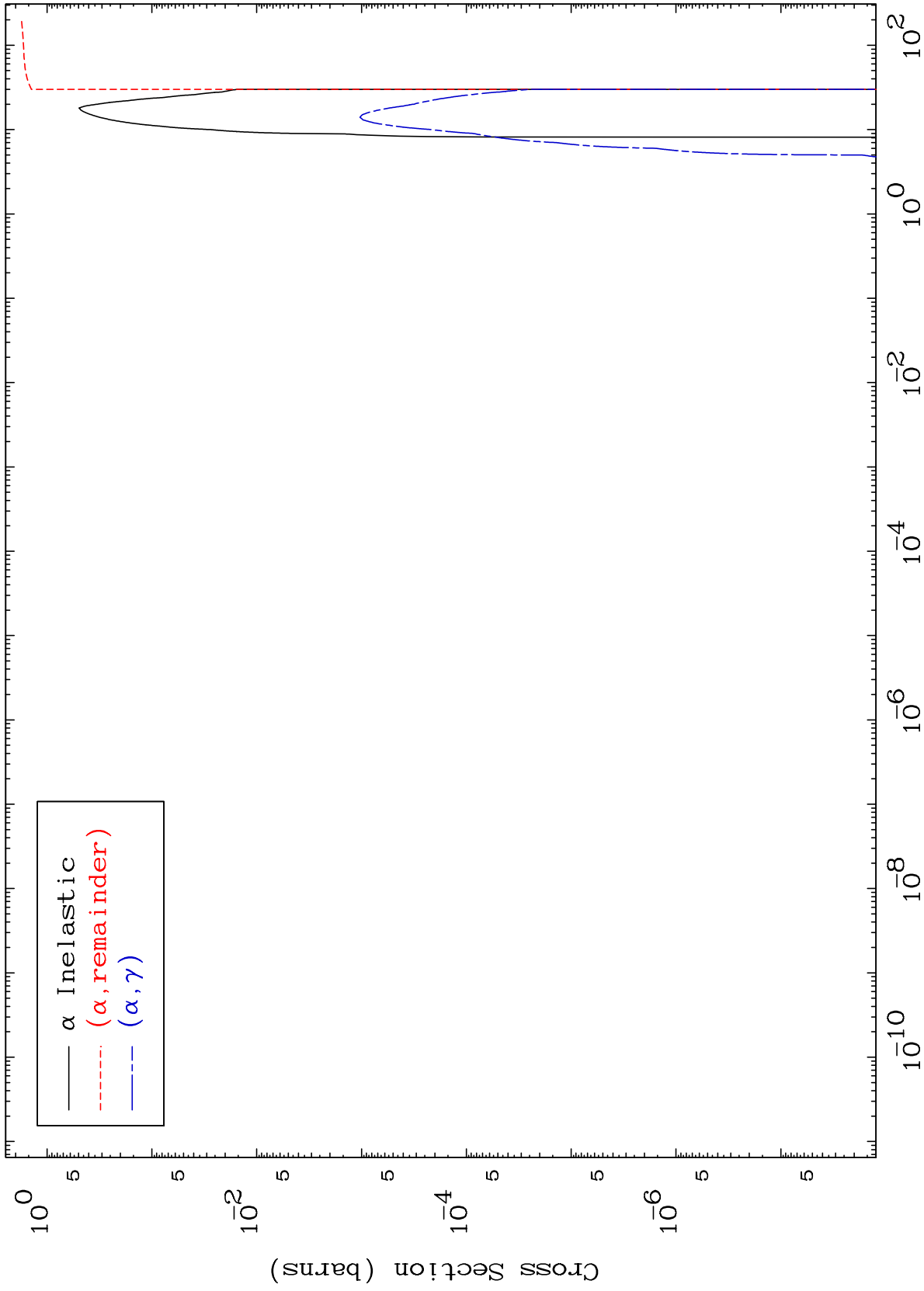
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3425

0 Kelvin α Major
Cross Sections

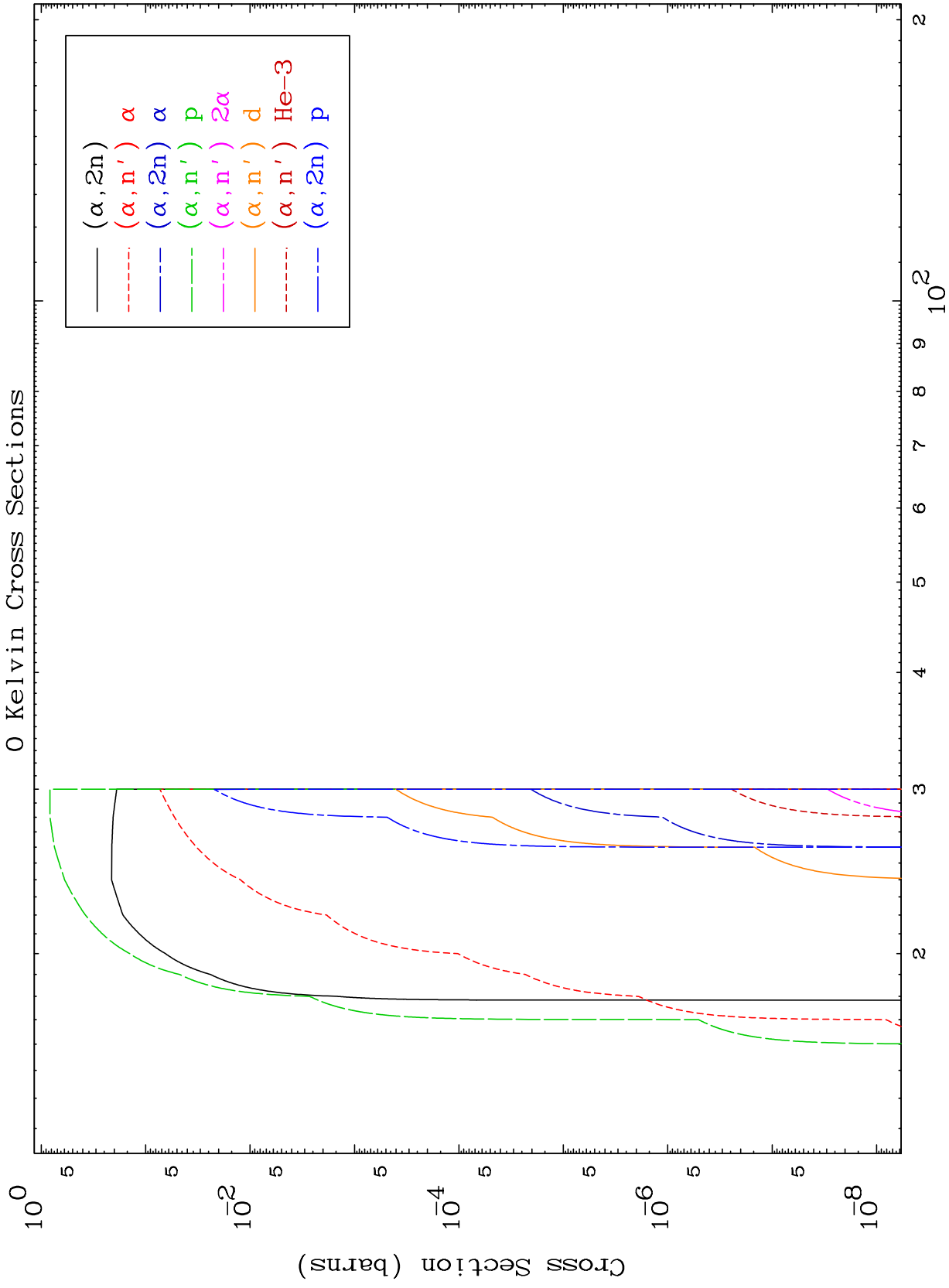
34-Se-74



MAT 3425

α Neutron Production
0 Kelvin Cross Sections

³⁴Se-74



2

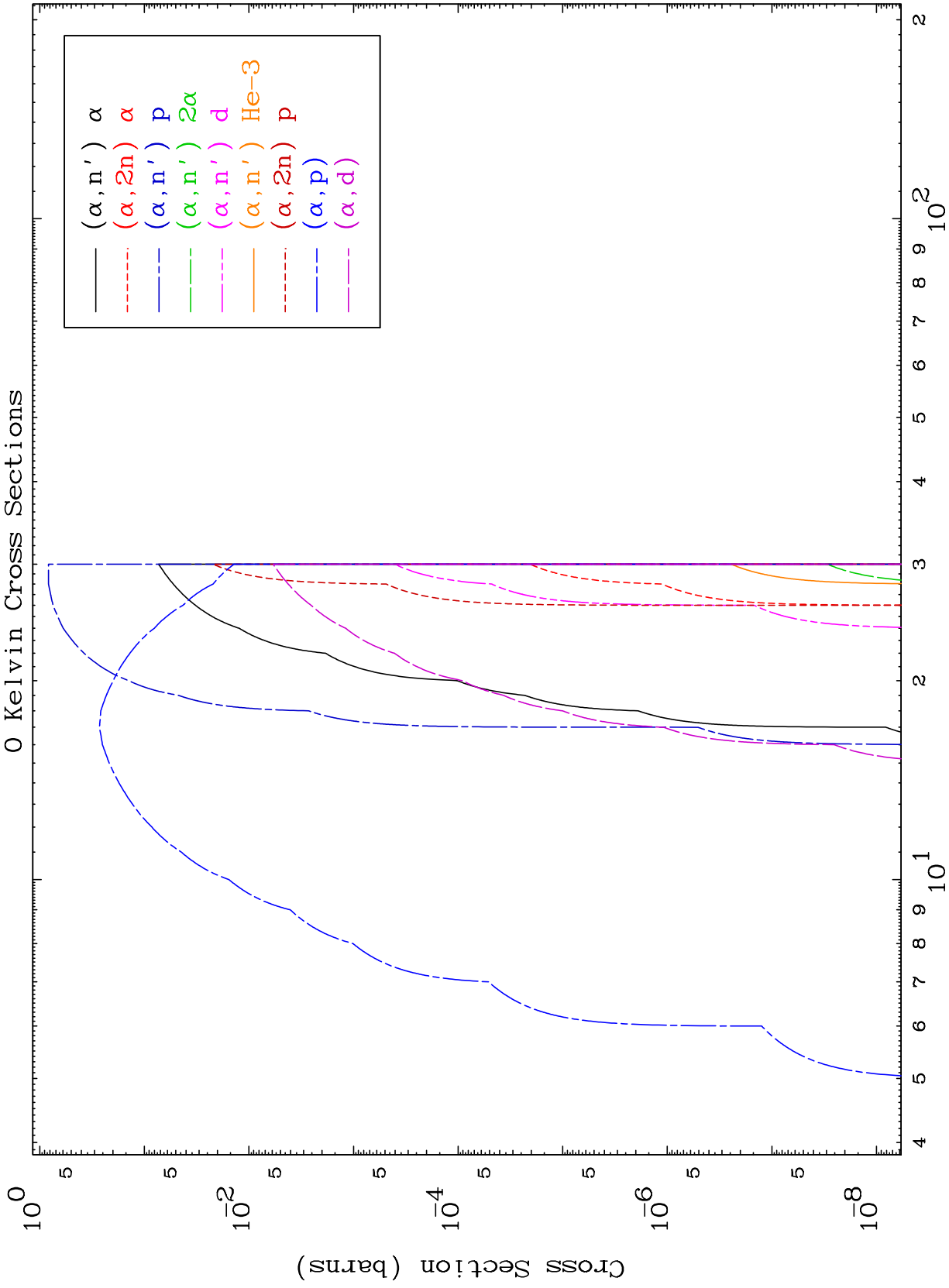
Incident Energy (MeV)

³⁴Se-74

MAT 3425

α Charged Particle
0 Kelvin Cross Sections

³⁴Se-74



3

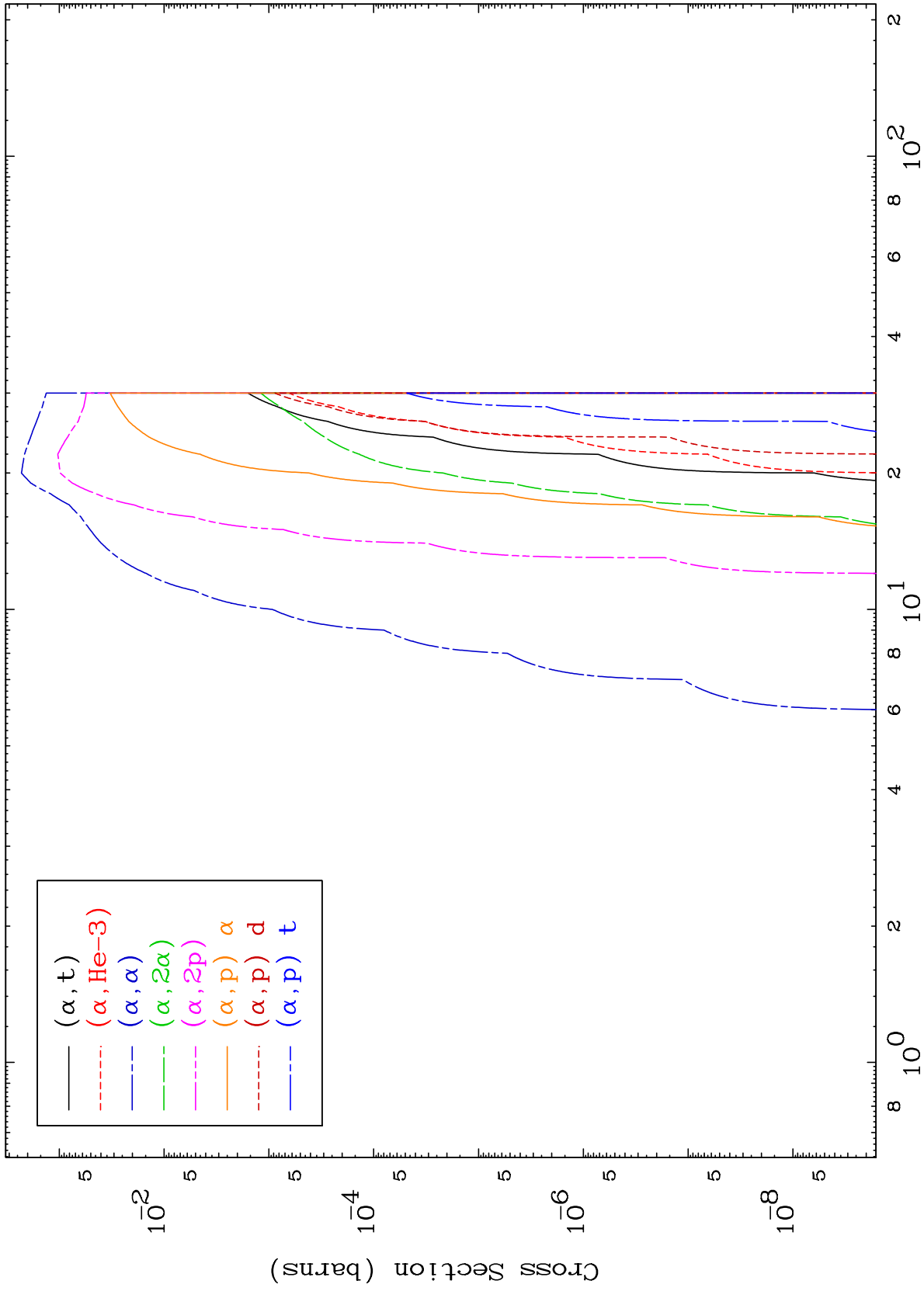
Incident Energy (MeV)

³⁴Se-74

MAT 3425

α Charged Particle
0 Kelvin Cross Sections

³⁴Se-74

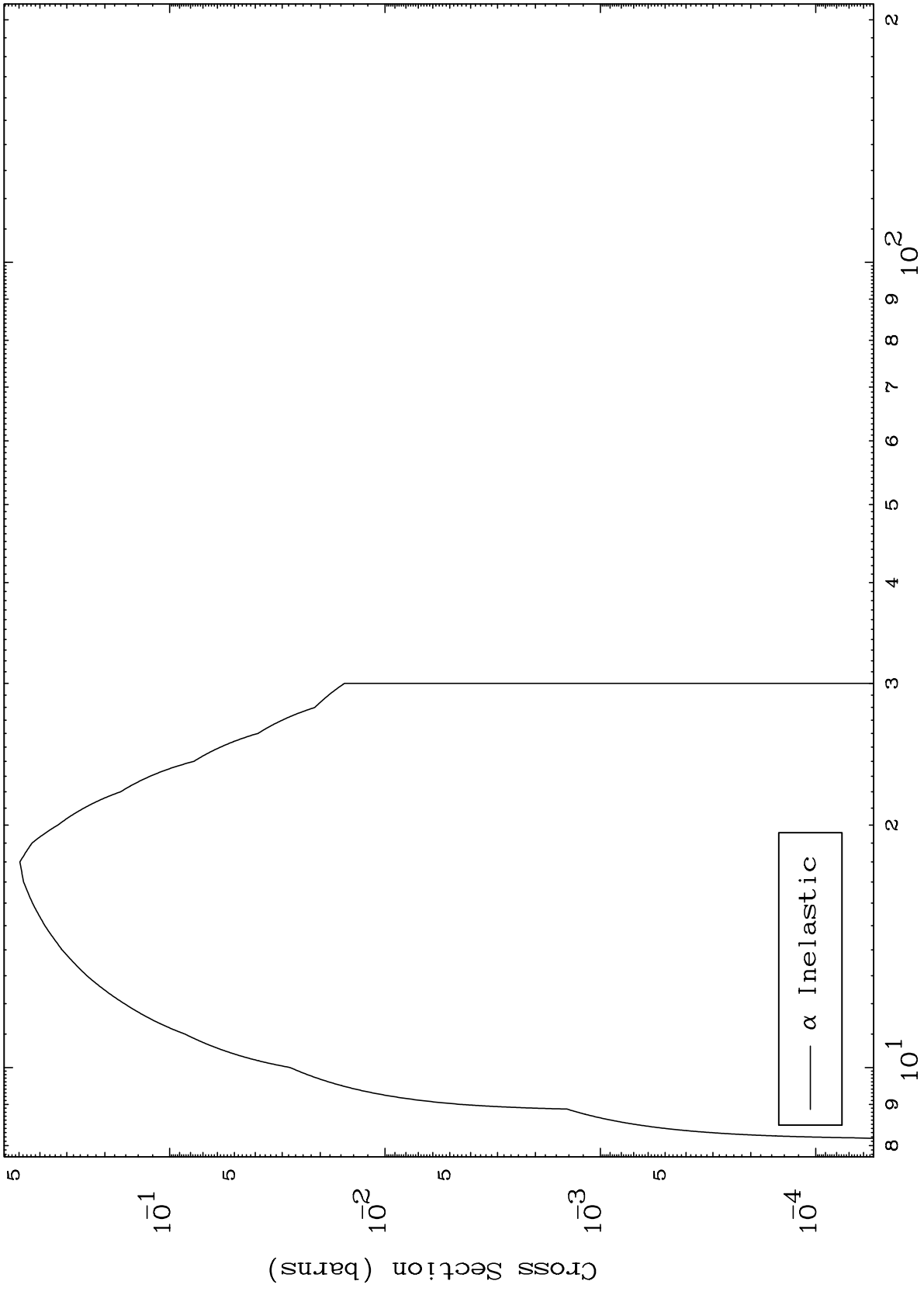


4

MAT 3425

(α, n') Level
0 Kelvin Cross Sections

34-Se-74



— α Inelastic

5

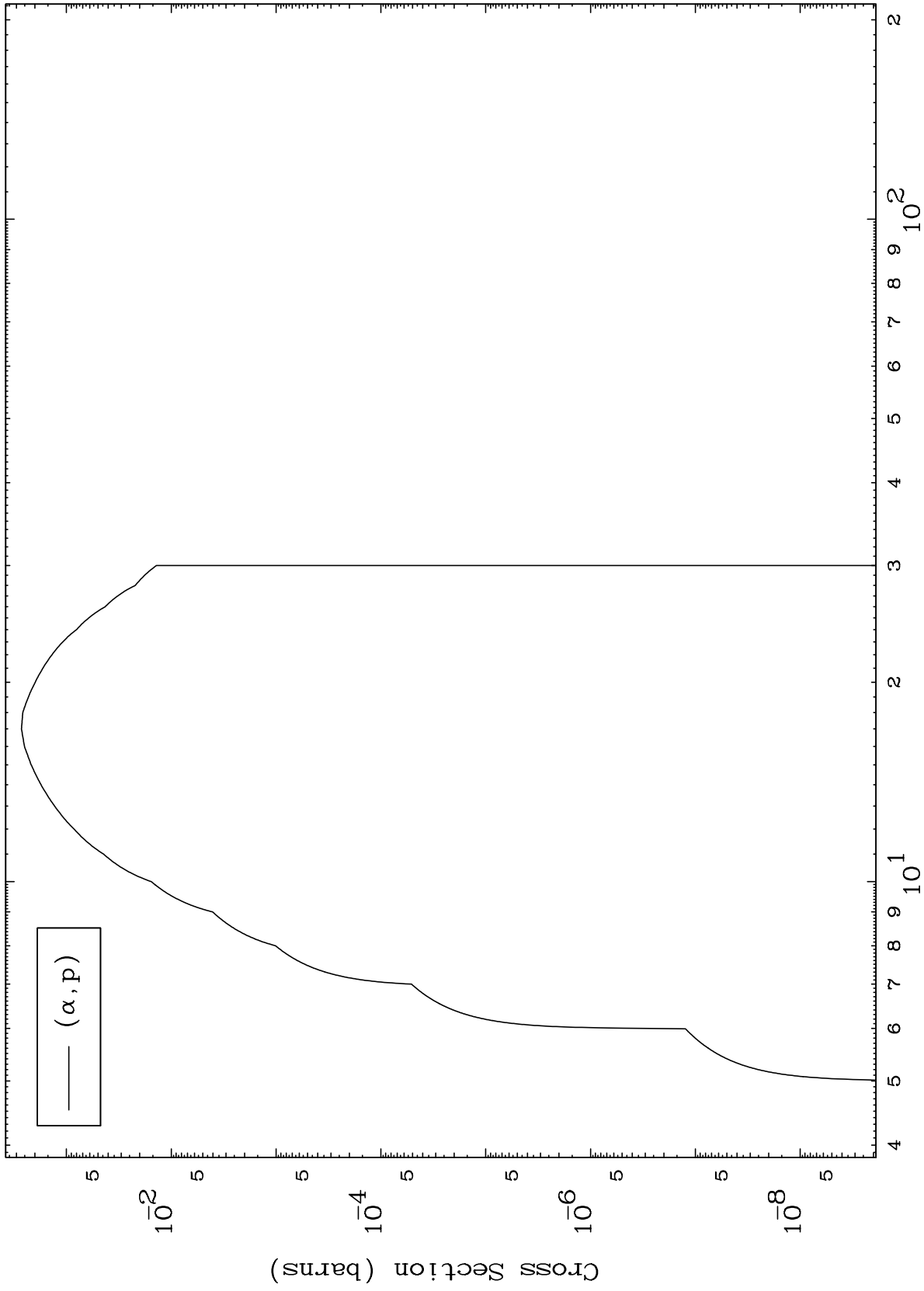
Incident Energy (MeV)

34-Se-74

MAT 3425

34-Se-74

(α, p) Levels
0 Kelvin Cross Sections



6

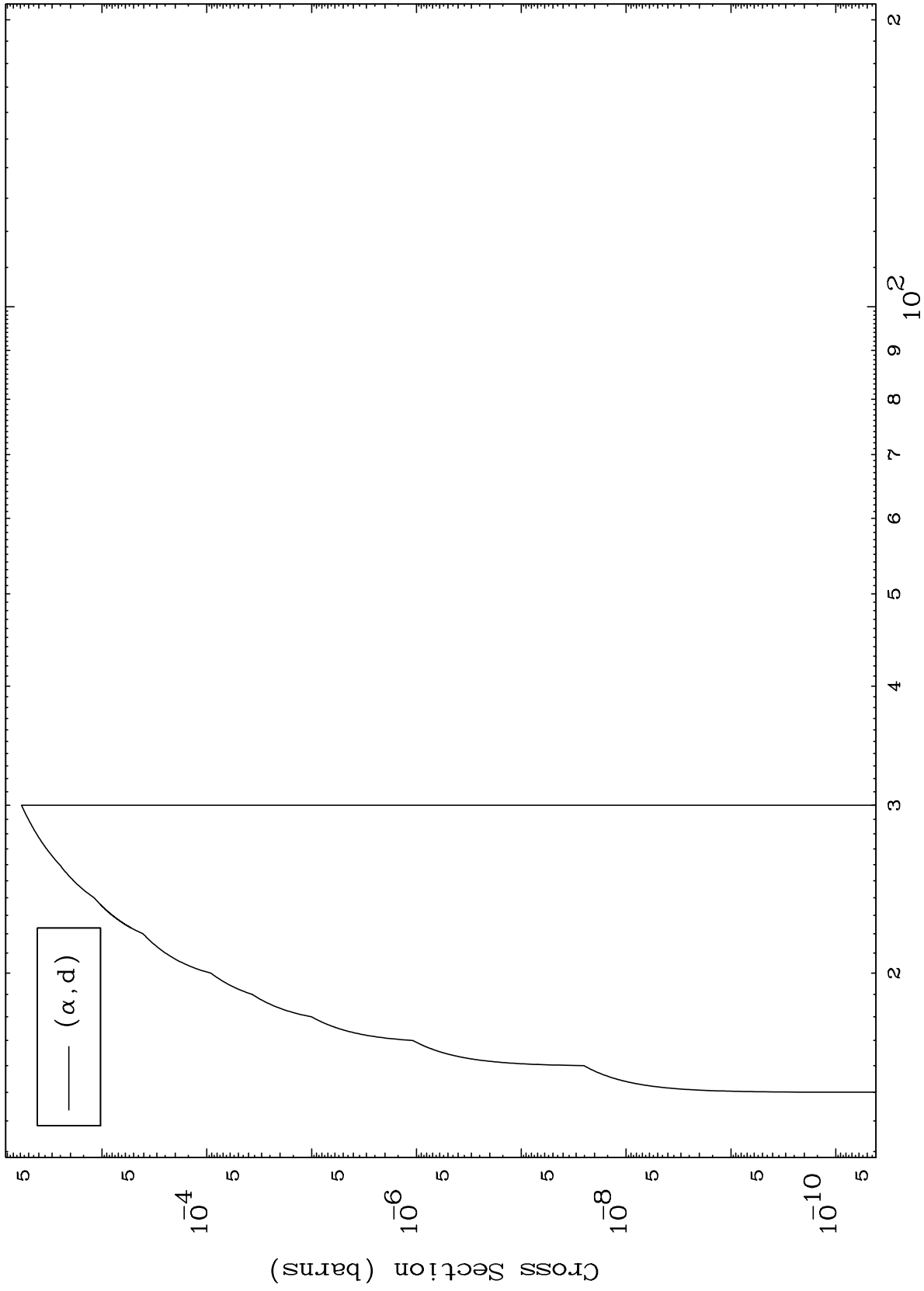
Incident Energy (MeV)

34-Se-74

MAT 3425

(α, d) Levels
0 Kelvin Cross Sections

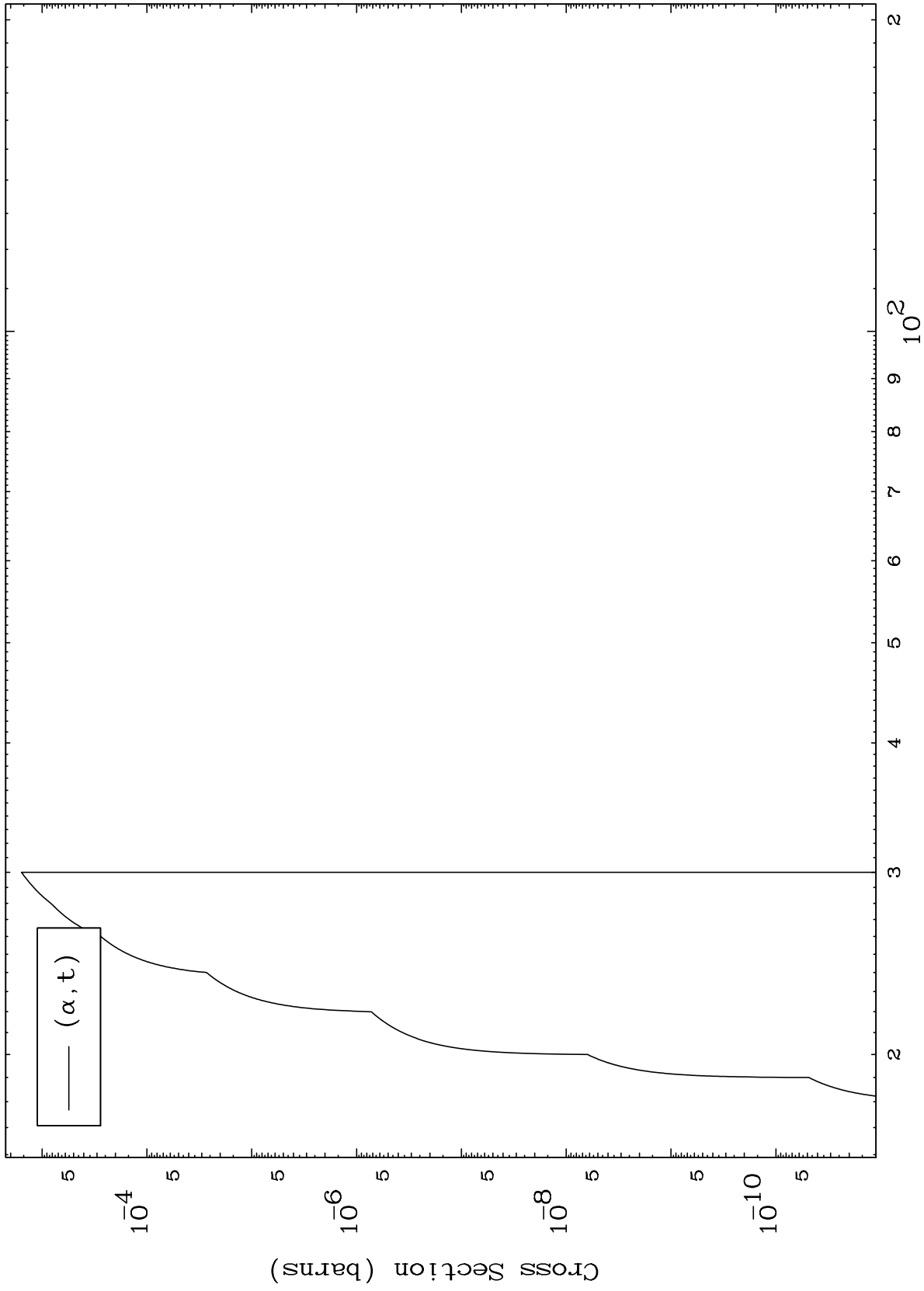
³⁴Se-74

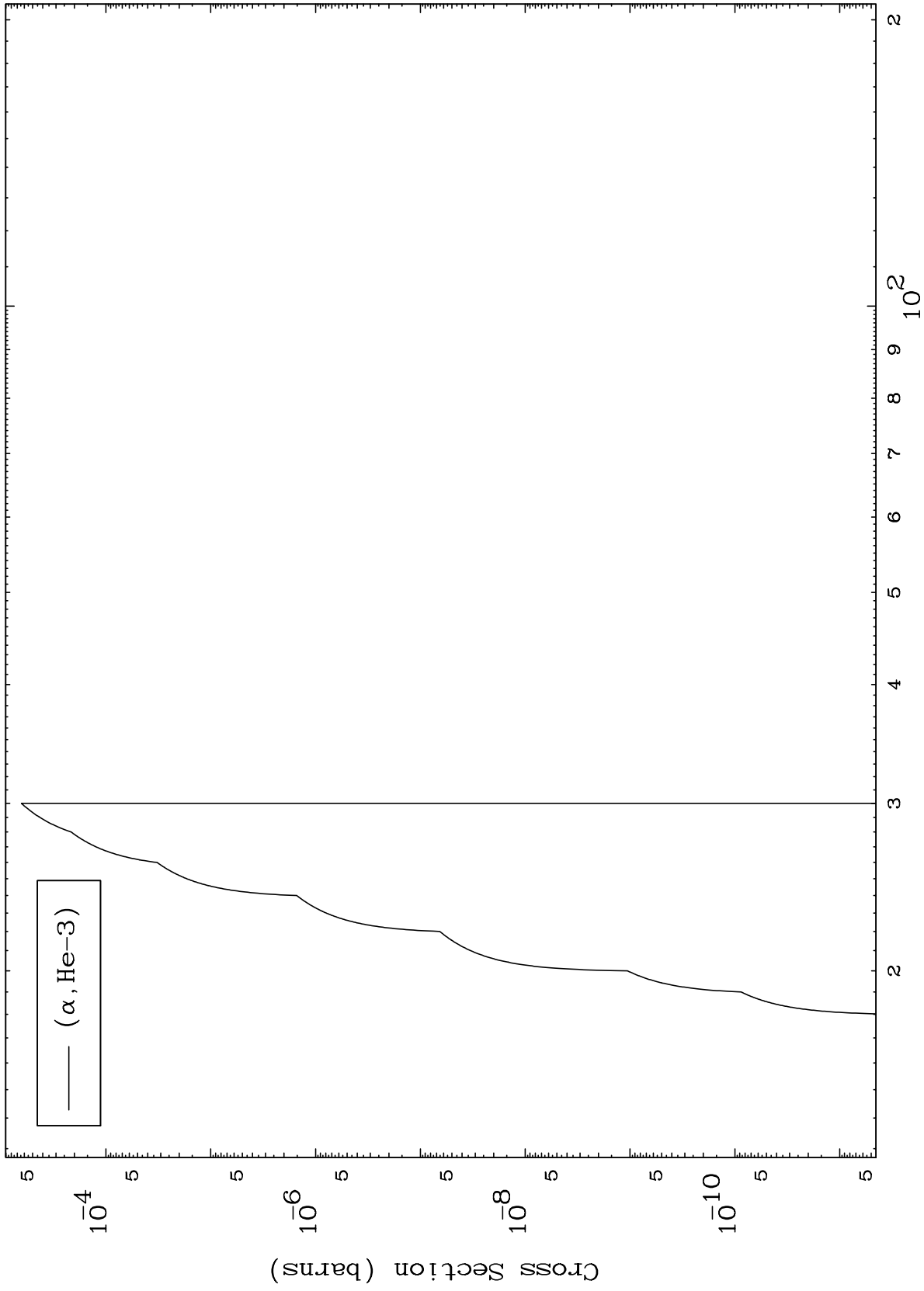


7

Incident Energy (MeV)

³⁴Se-74

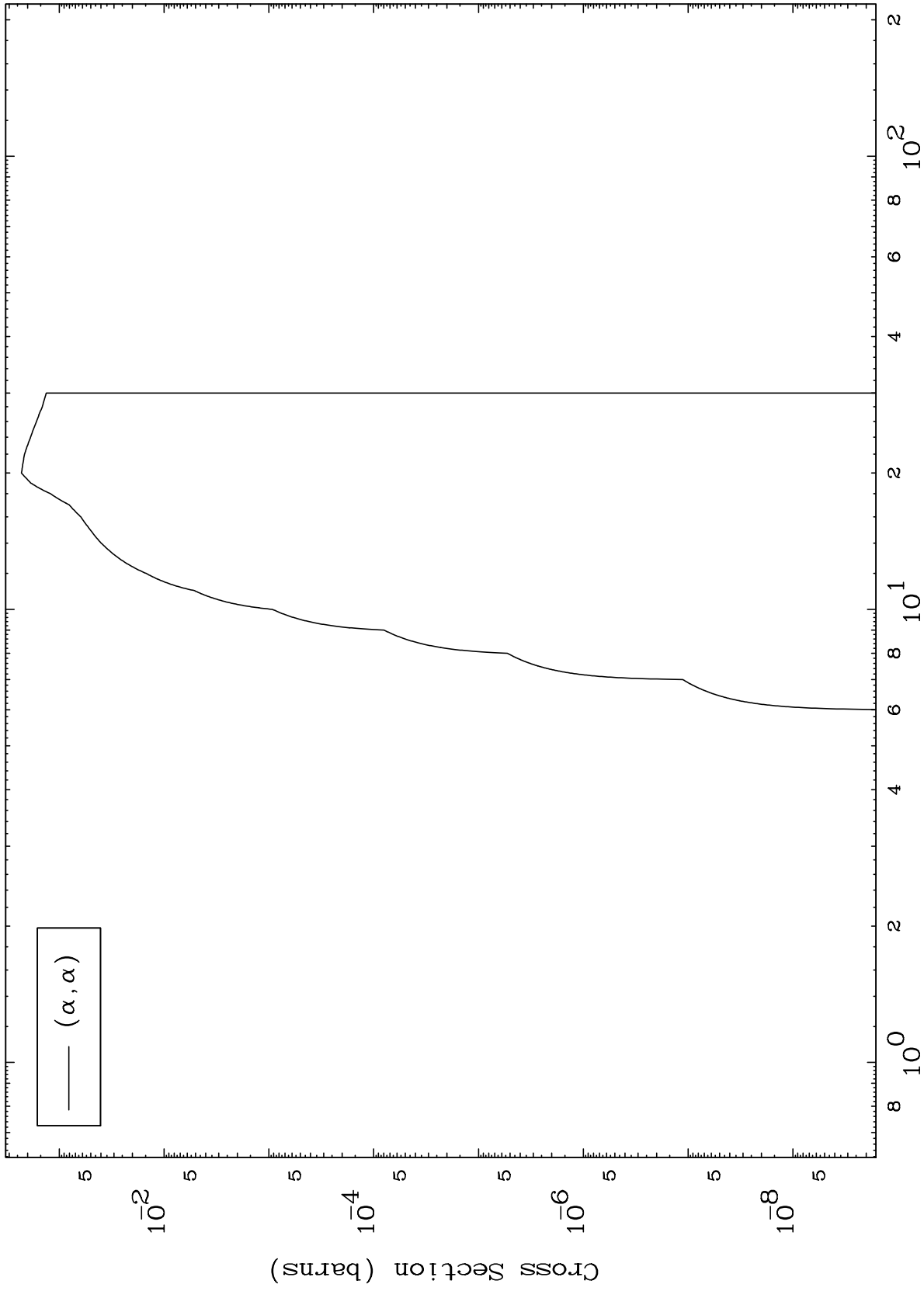




MAT 3425

(α, α) Levels
0 Kelvin Cross Sections

34-Se-74



10

Incident Energy (MeV)

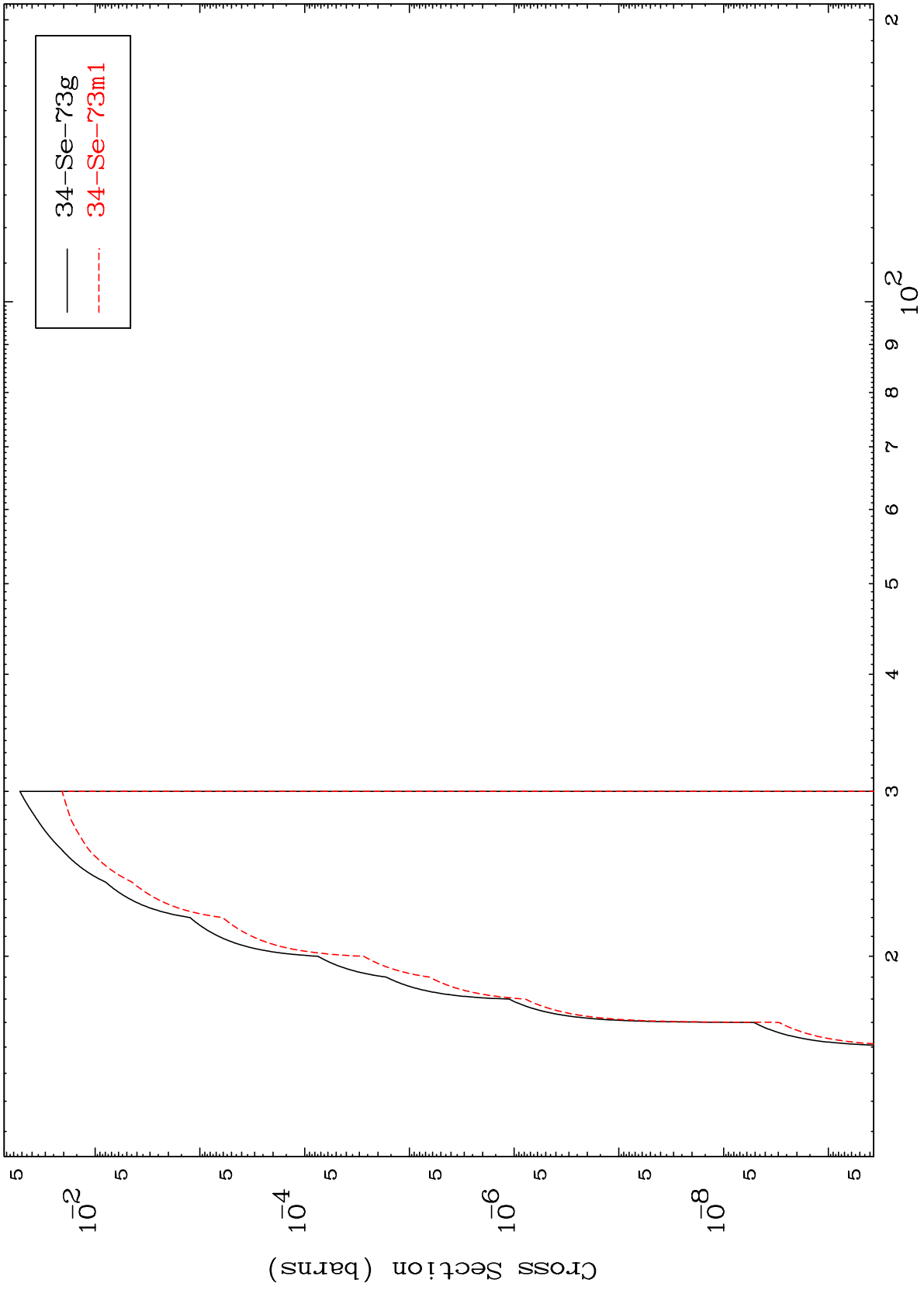
34-Se-74

MAT 3425

(α, n') α

$^{34}\text{Se-74}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

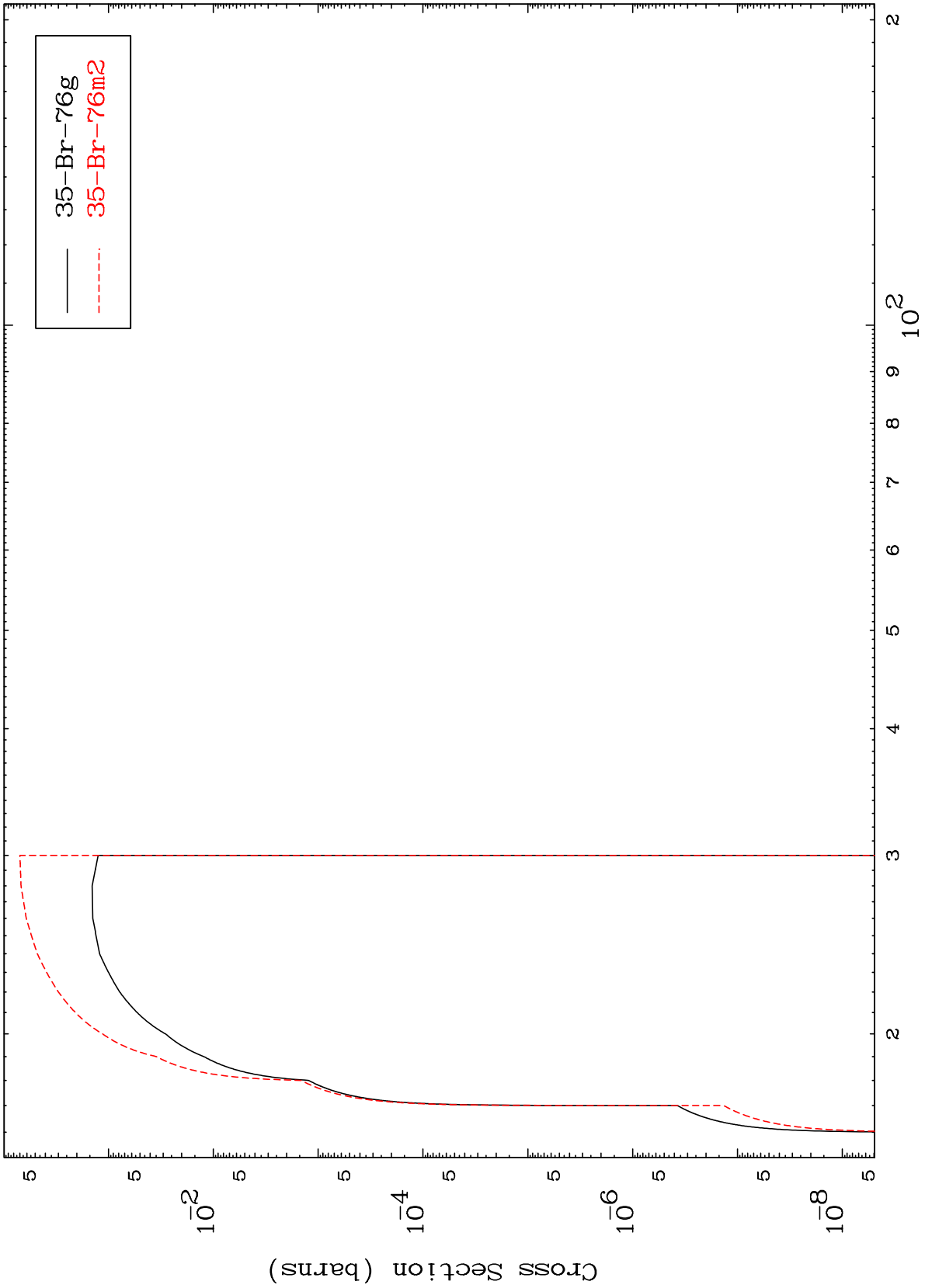
$^{34}\text{Se-74}$

MAT 3425

(α, n') p

³⁴Se-74

Radionuclide Production Cross Section



12

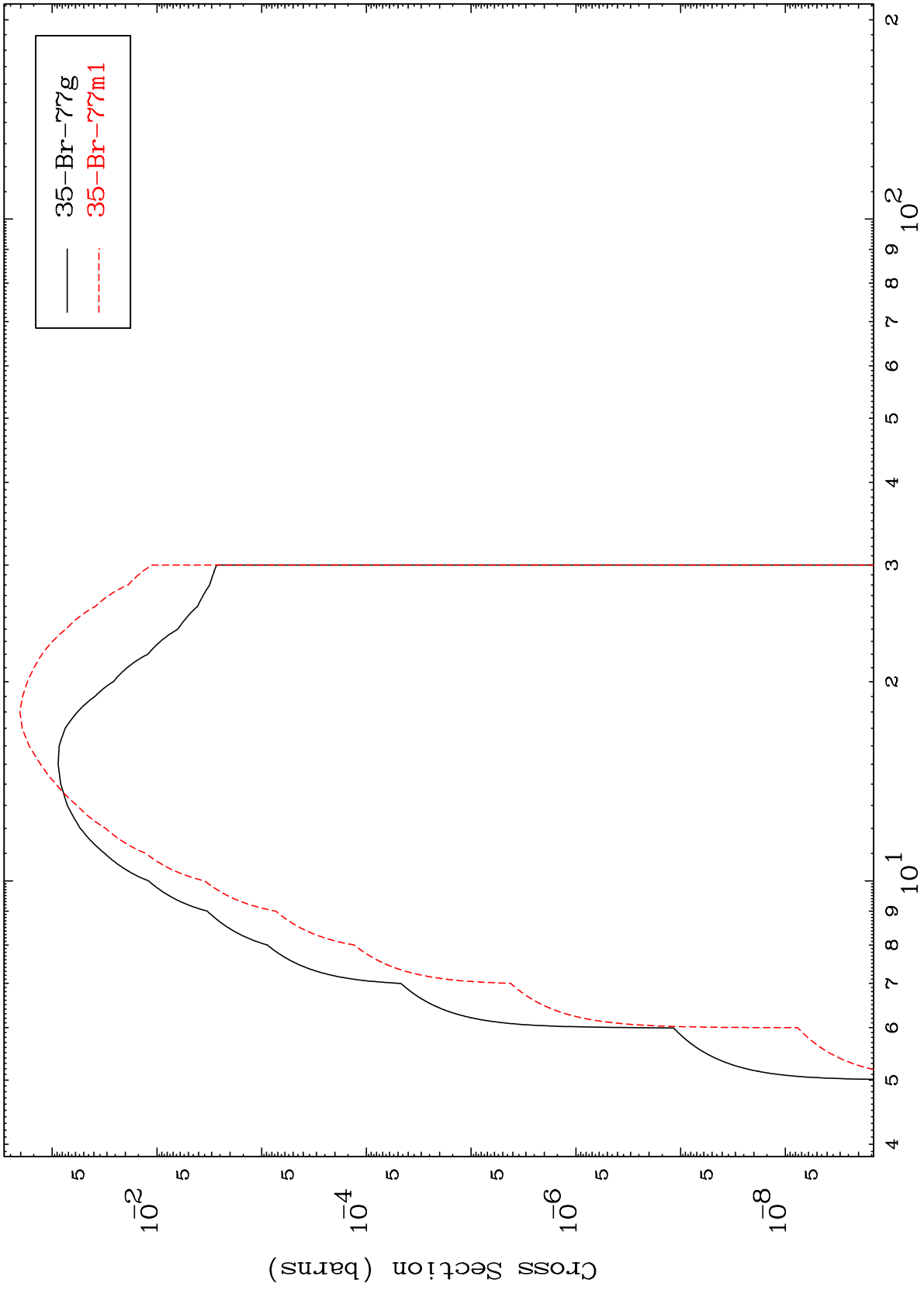
Incident Energy (MeV)

³⁴Se-74

MAT 3425

34-Se-74

(α, p)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

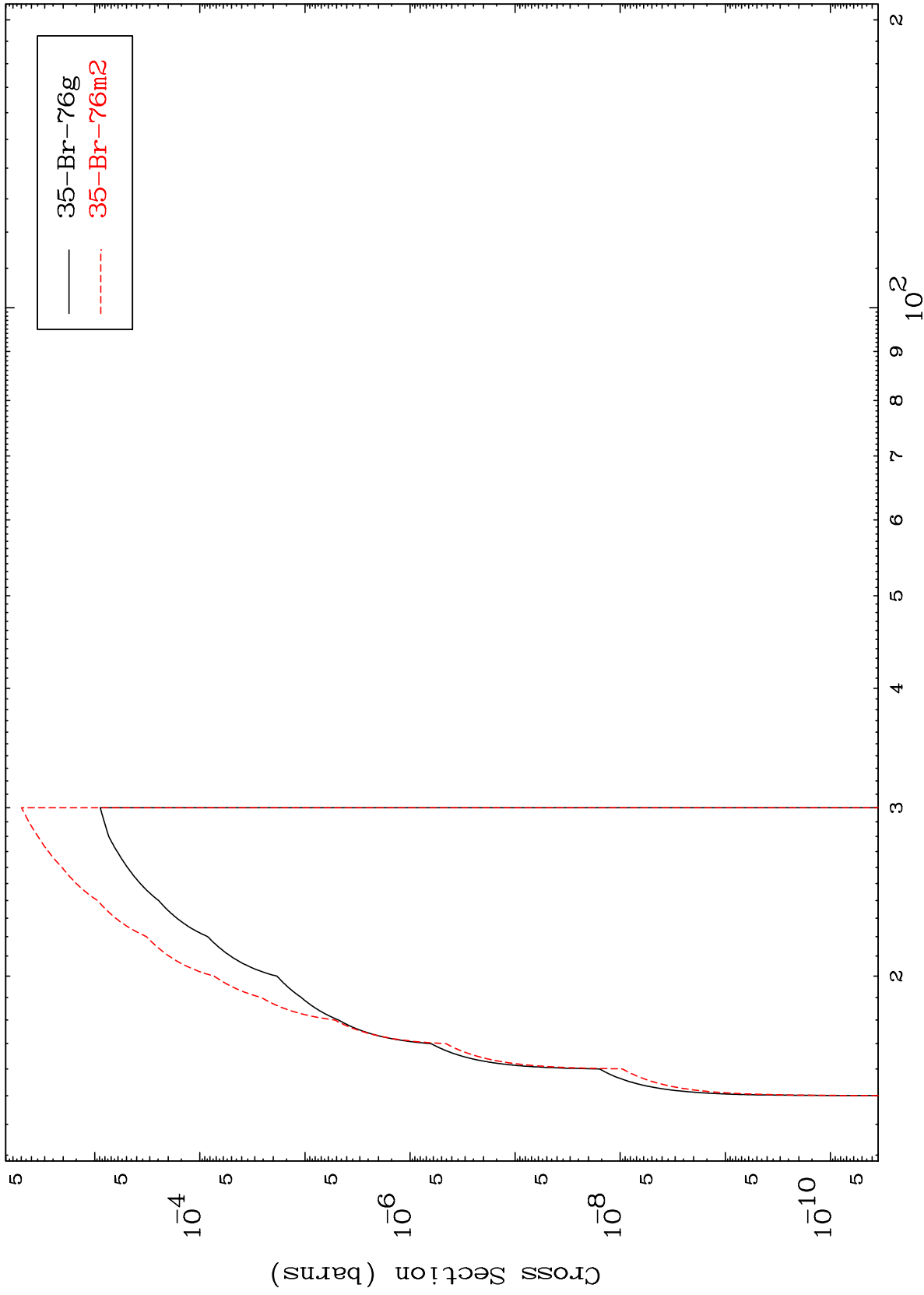
34-Se-74

MAT 3425

(α, d)

³⁴Se-74

Radionuclide Production Cross Section



14

Incident Energy (MeV)

³⁴Se-74