

Program EVALPLOT
(Version 2018-1)

by

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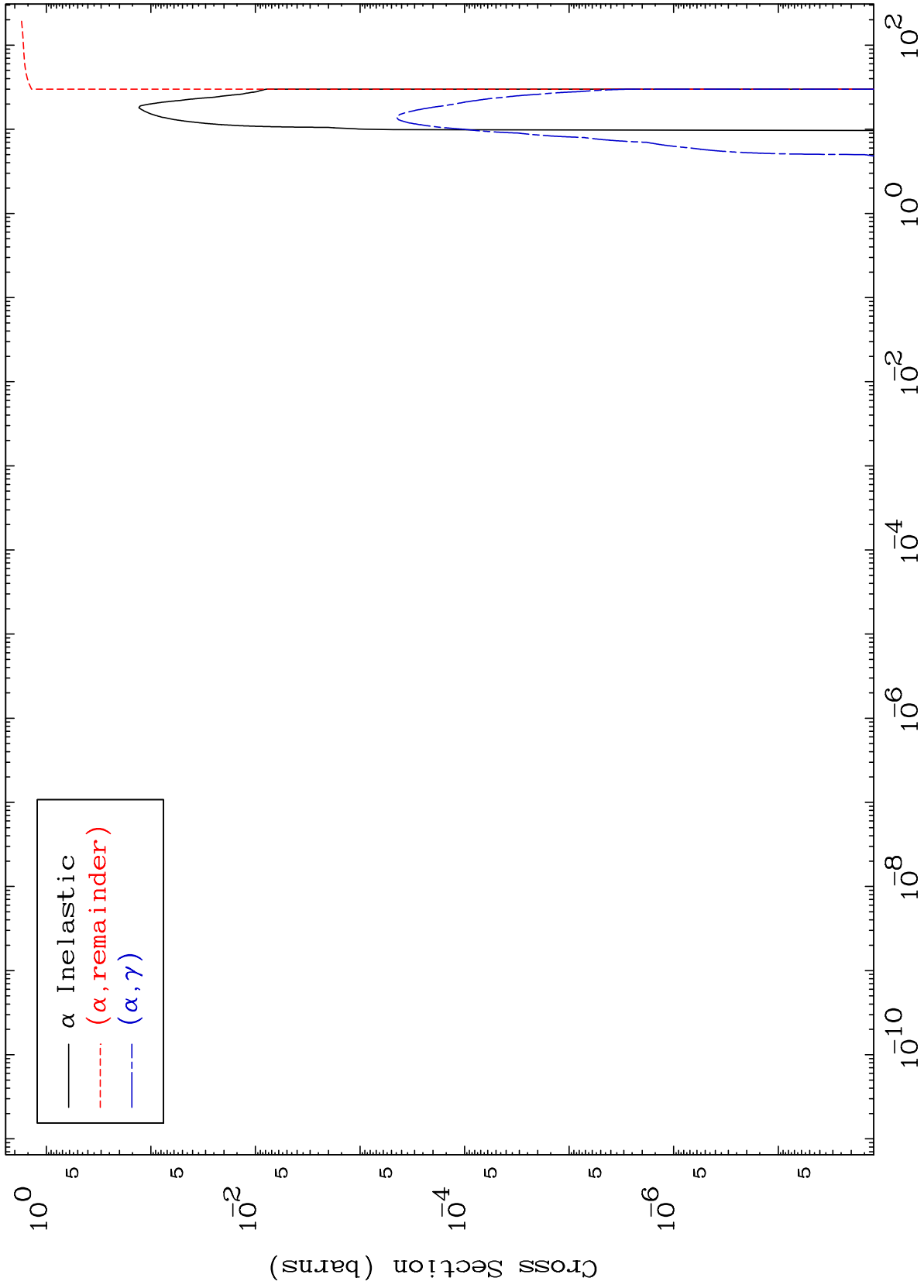
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3419

0 Kelvin α Major
Cross Sections

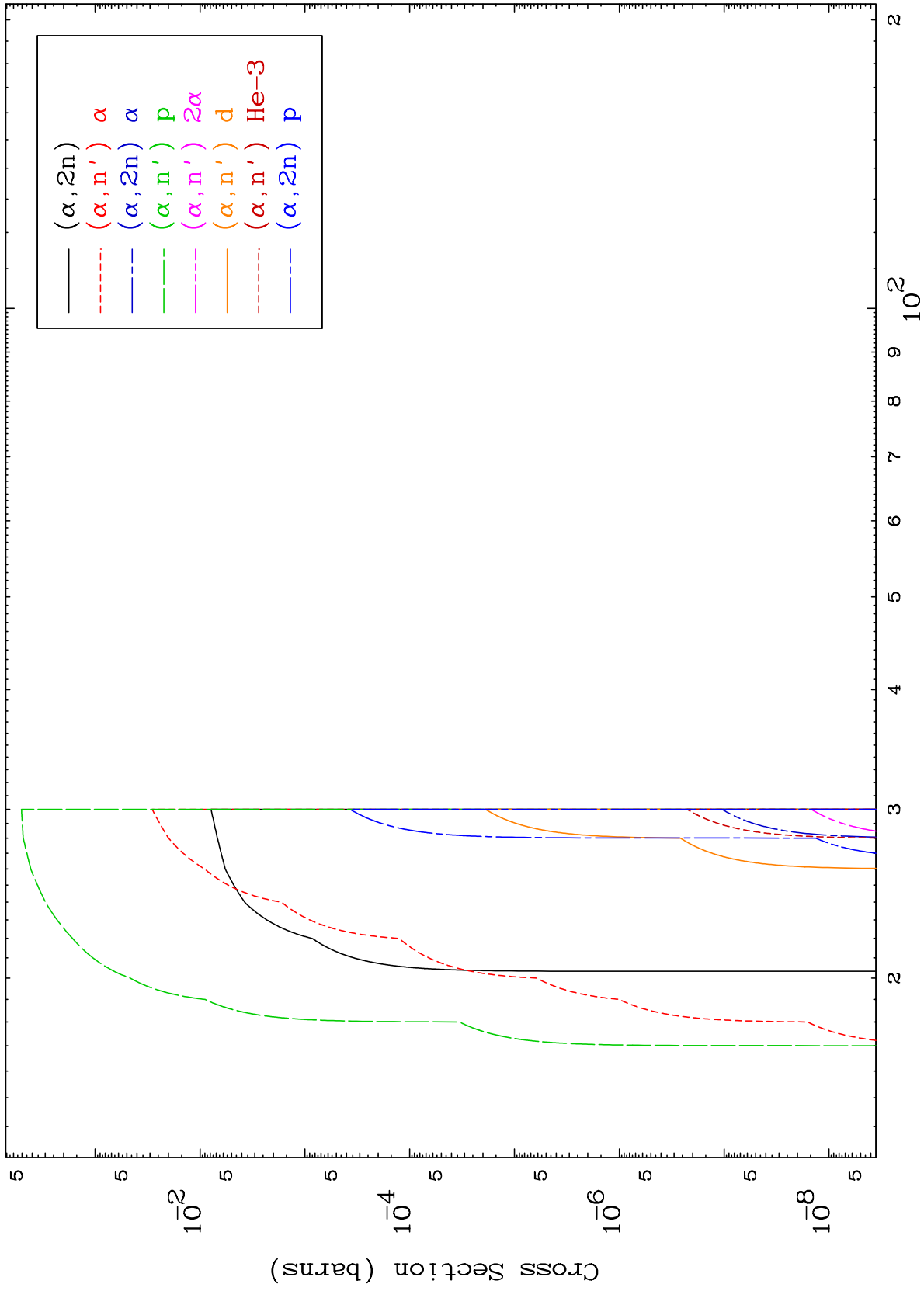
34-Se-72



MAT 3419

α Neutron Production
0 Kelvin Cross Sections

³⁴Se-72



2

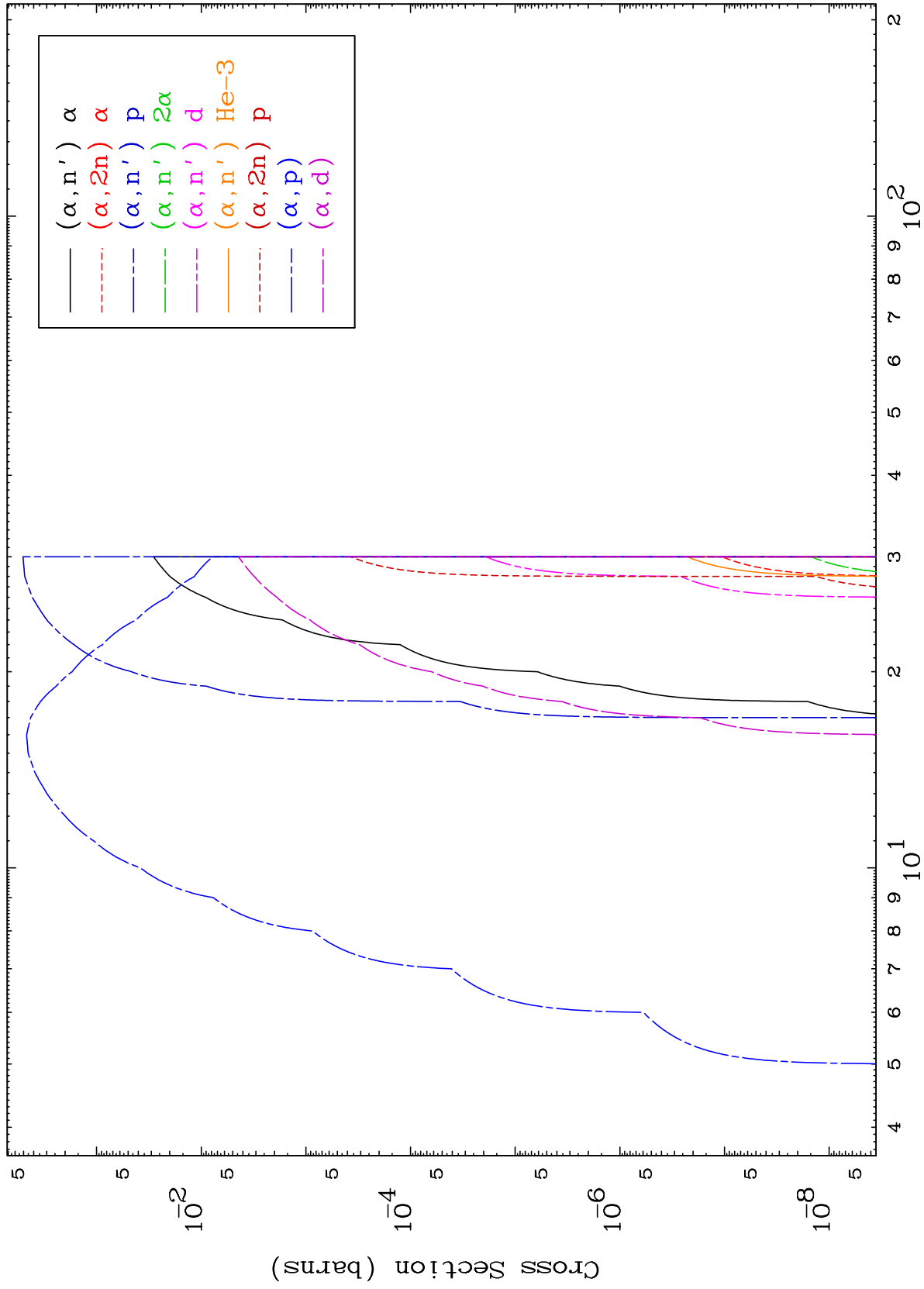
Incident Energy (MeV)

³⁴Se-72

MAT 3419

α Charged Particle
0 Kelvin Cross Sections

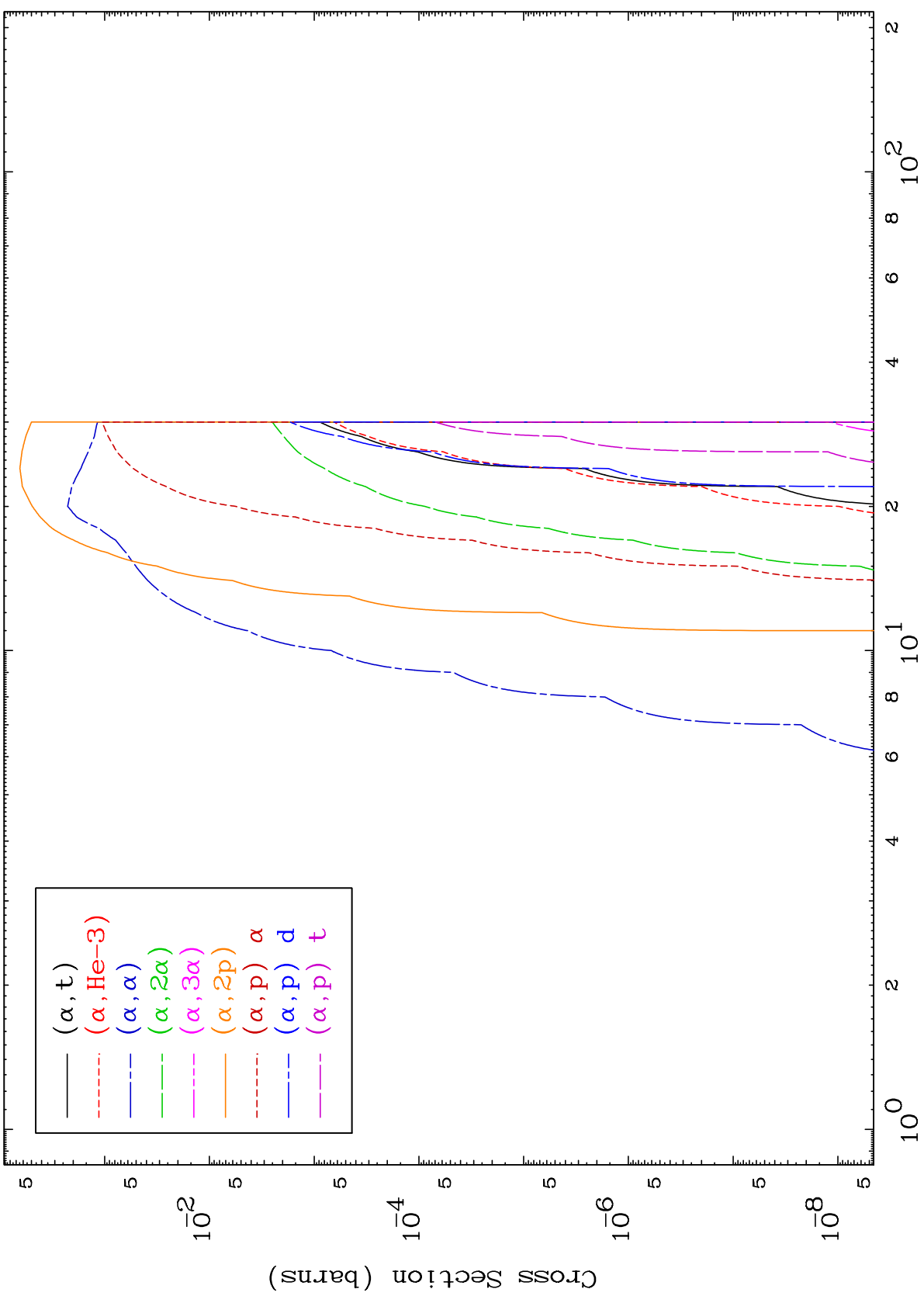
34-Se-72



3

Incident Energy (MeV)

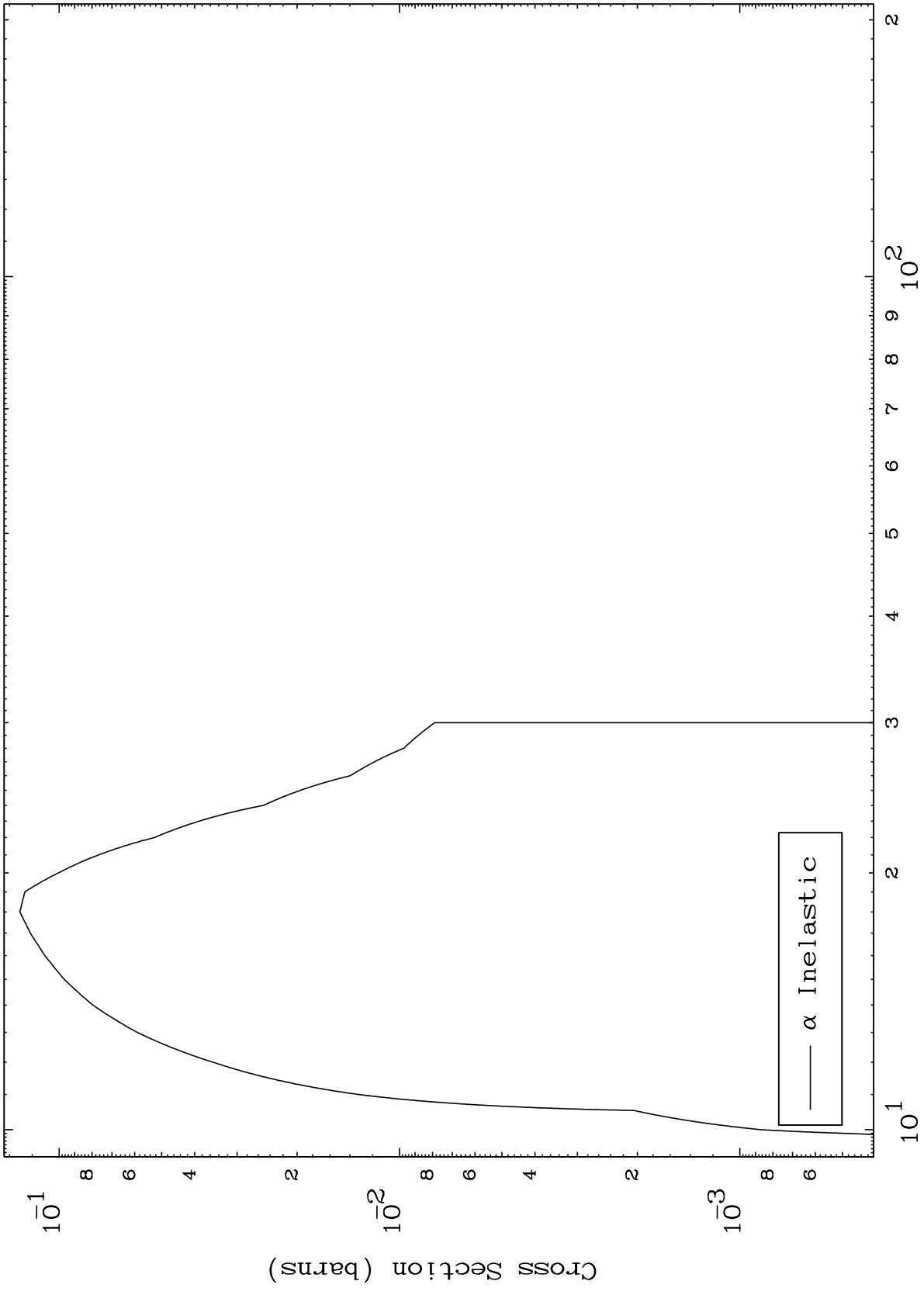
34-Se-72



MAT 3419

(α, n') Level
0 Kelvin Cross Sections

34-Se-72



Incident Energy (MeV)

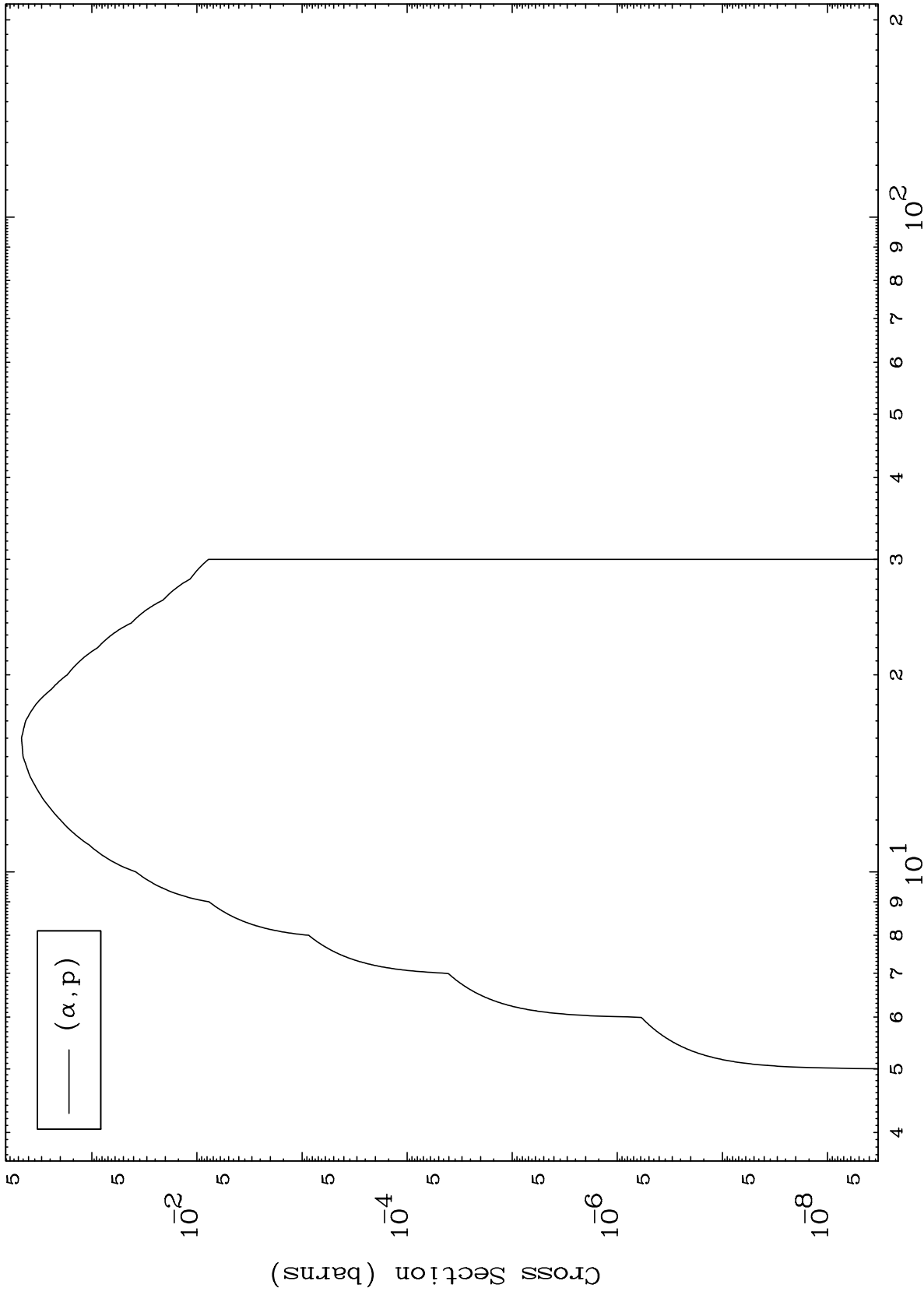
34-Se-72

— α Inelastic

MAT 3419

34-Se-72

(α, p) Levels
0 Kelvin Cross Sections



6

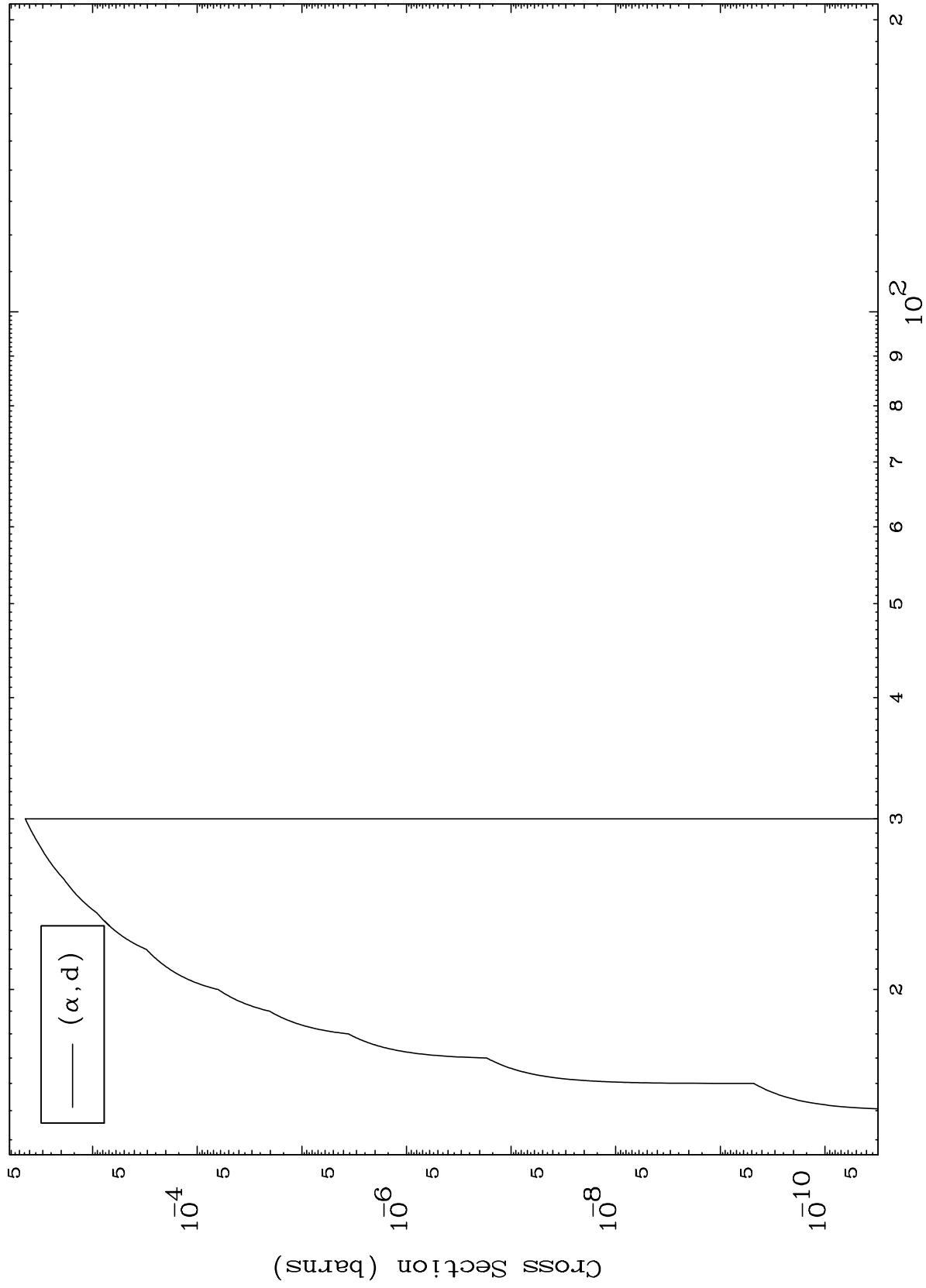
Incident Energy (MeV)

34-Se-72

MAT 3419

(α, d) Levels
0 Kelvin Cross Sections

34-Se-72



7

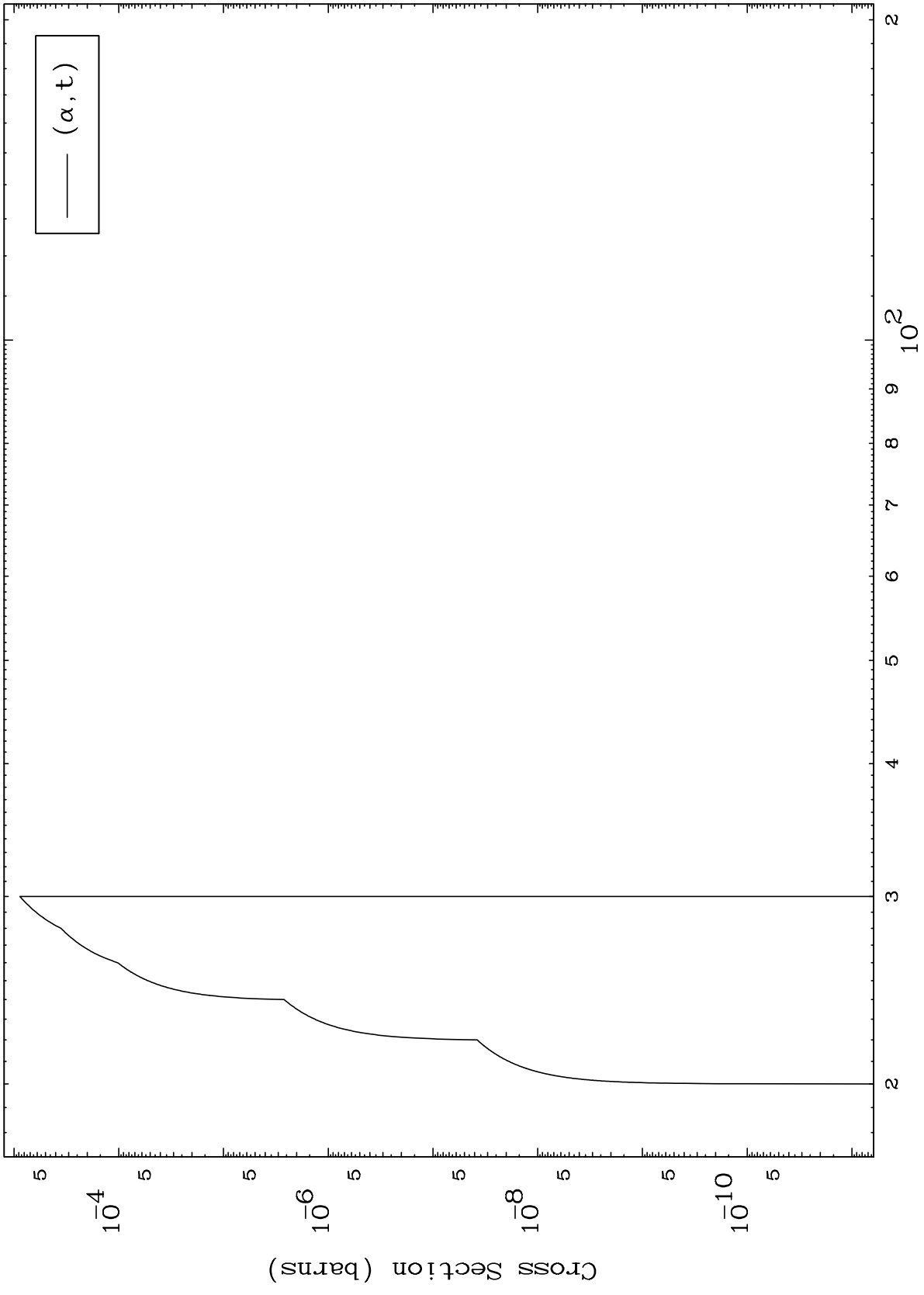
Incident Energy (MeV)

34-Se-72

MAT 3419

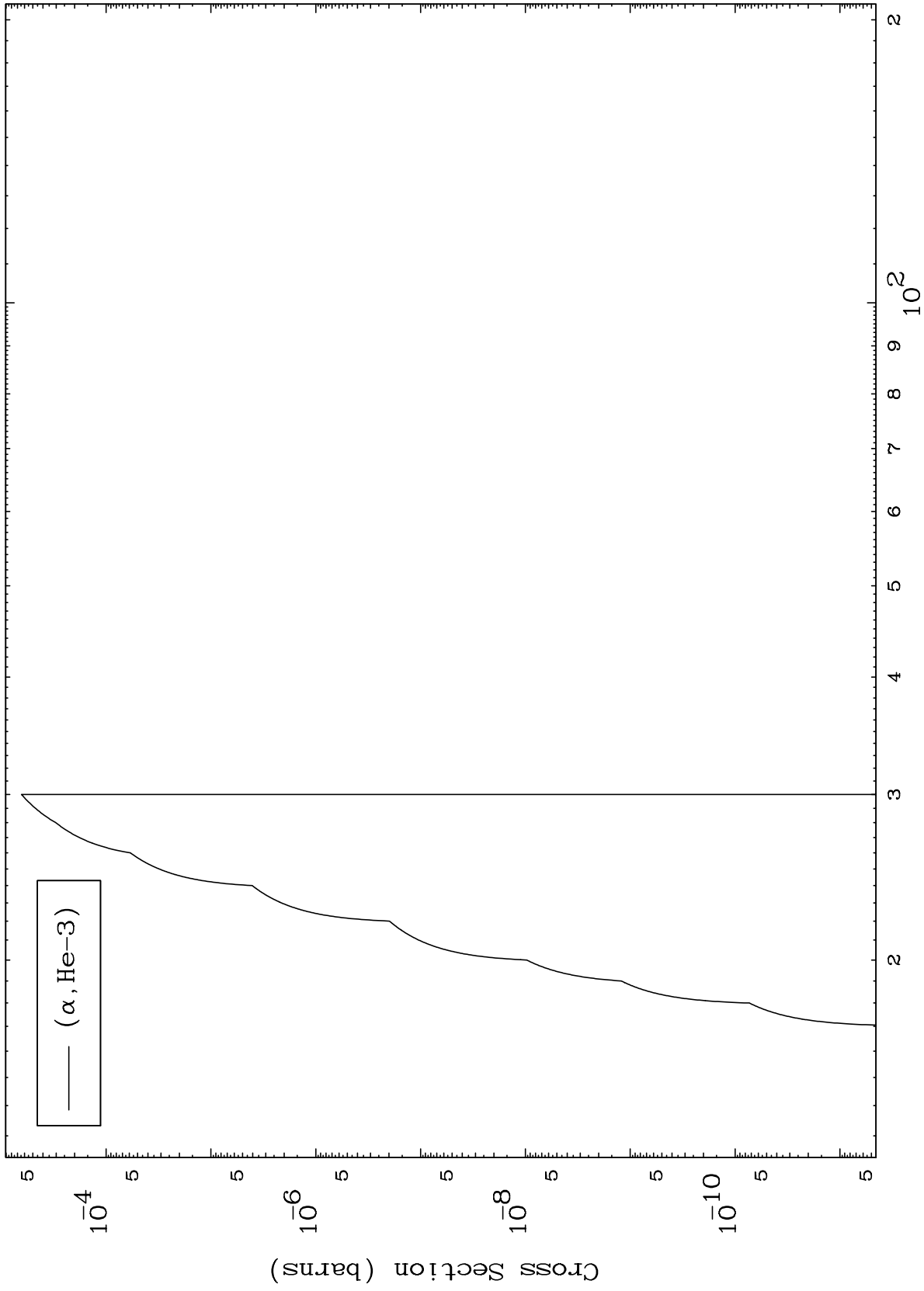
(α, t) Levels
0 Kelvin Cross Sections

34-Se-72



8

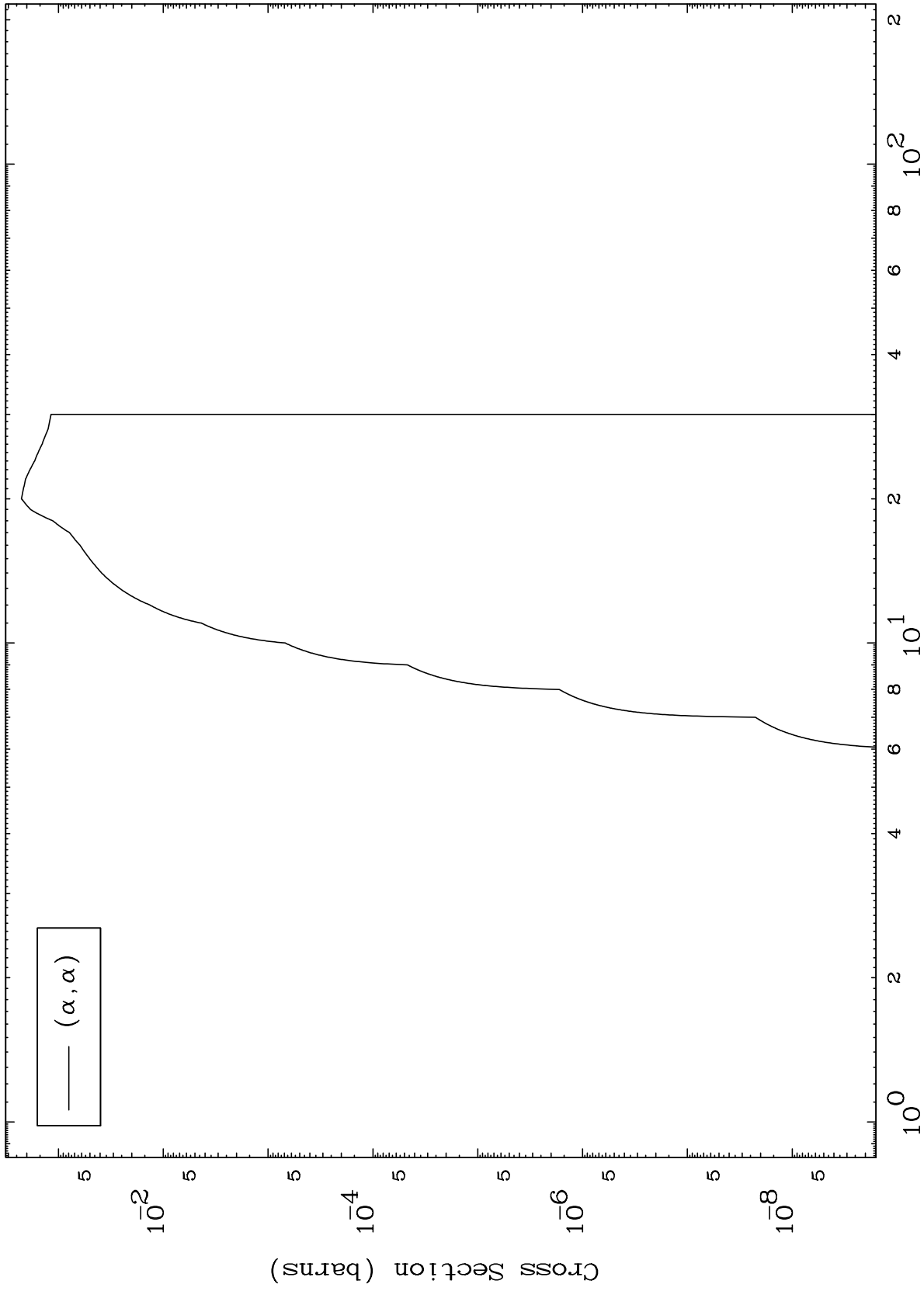
34-Se-72



MAT 3419

(α, α) Levels
0 Kelvin Cross Sections

34-Se-72



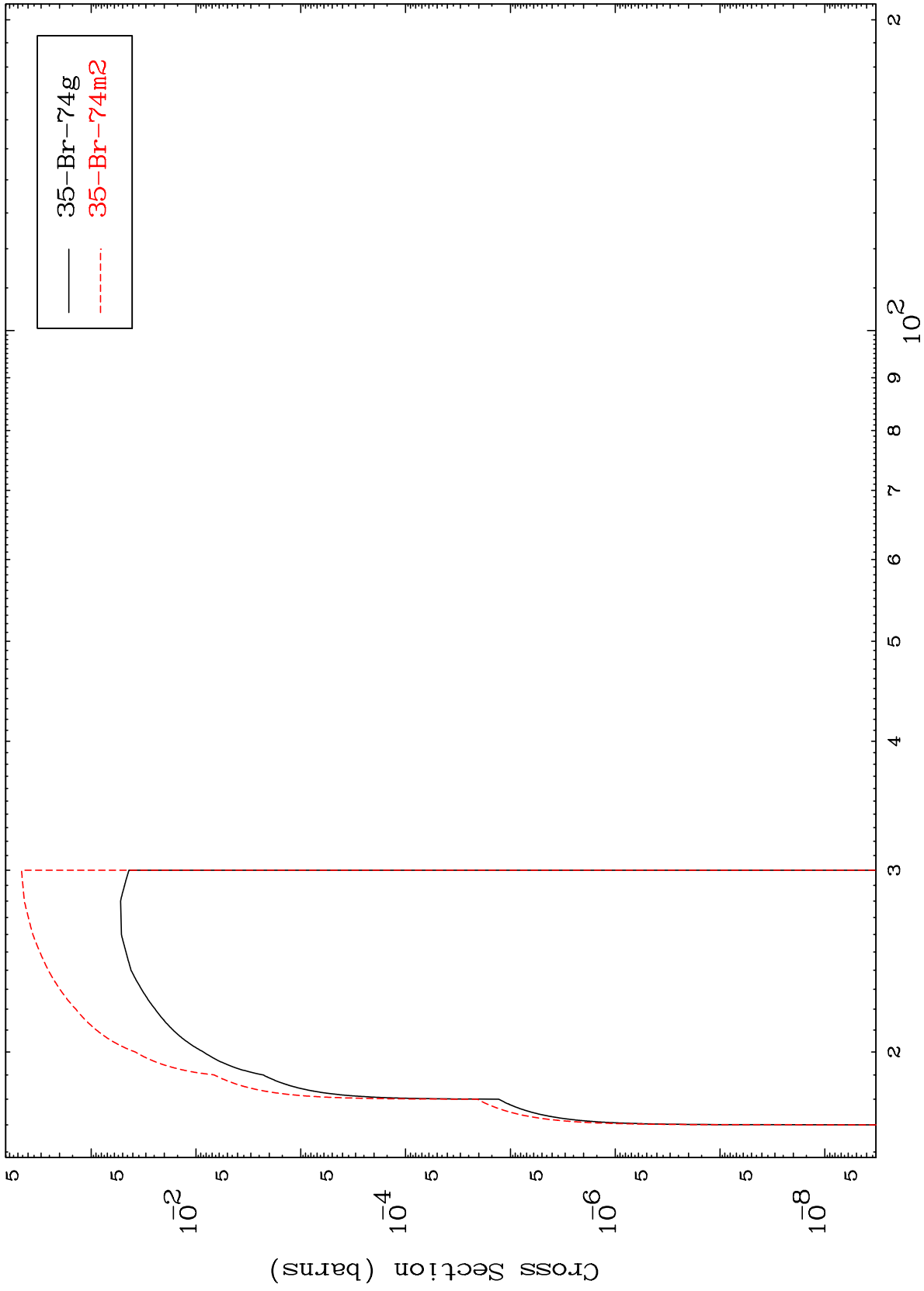
Incident Energy (MeV)

34-Se-72

MAT 3419

34-Se-72

(α, n') p
Radionuclide Production Cross Section



11

Incident Energy (MeV)

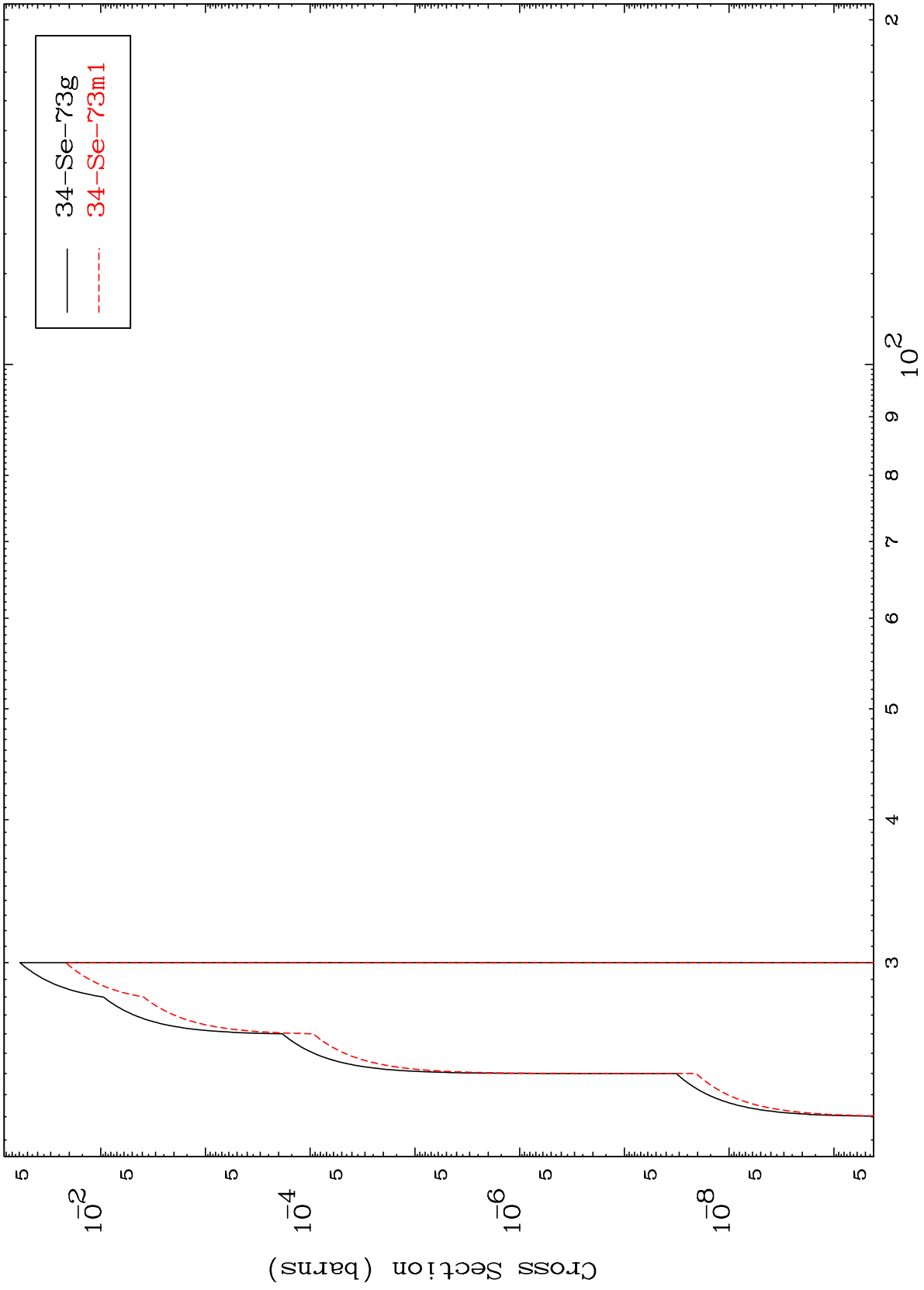
34-Se-72

MAT 3419

$(\alpha, 2n)$ p

$^{34}\text{Se-72}$

Radionuclide Production Cross Section



12

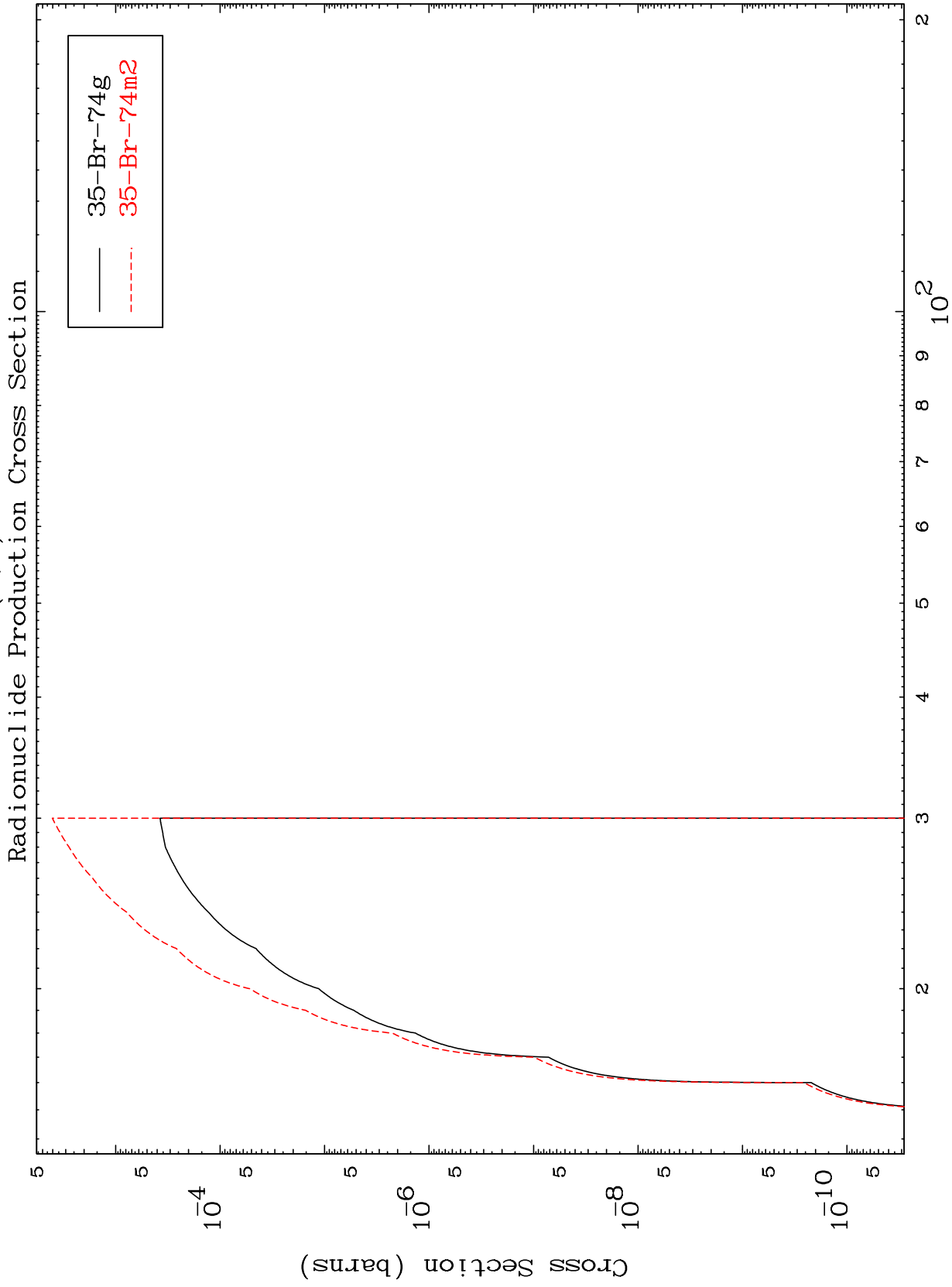
Incident Energy (MeV)

$^{34}\text{Se-72}$

MAT 3419

(α, d)

³⁴Se-72



13

Incident Energy (MeV)

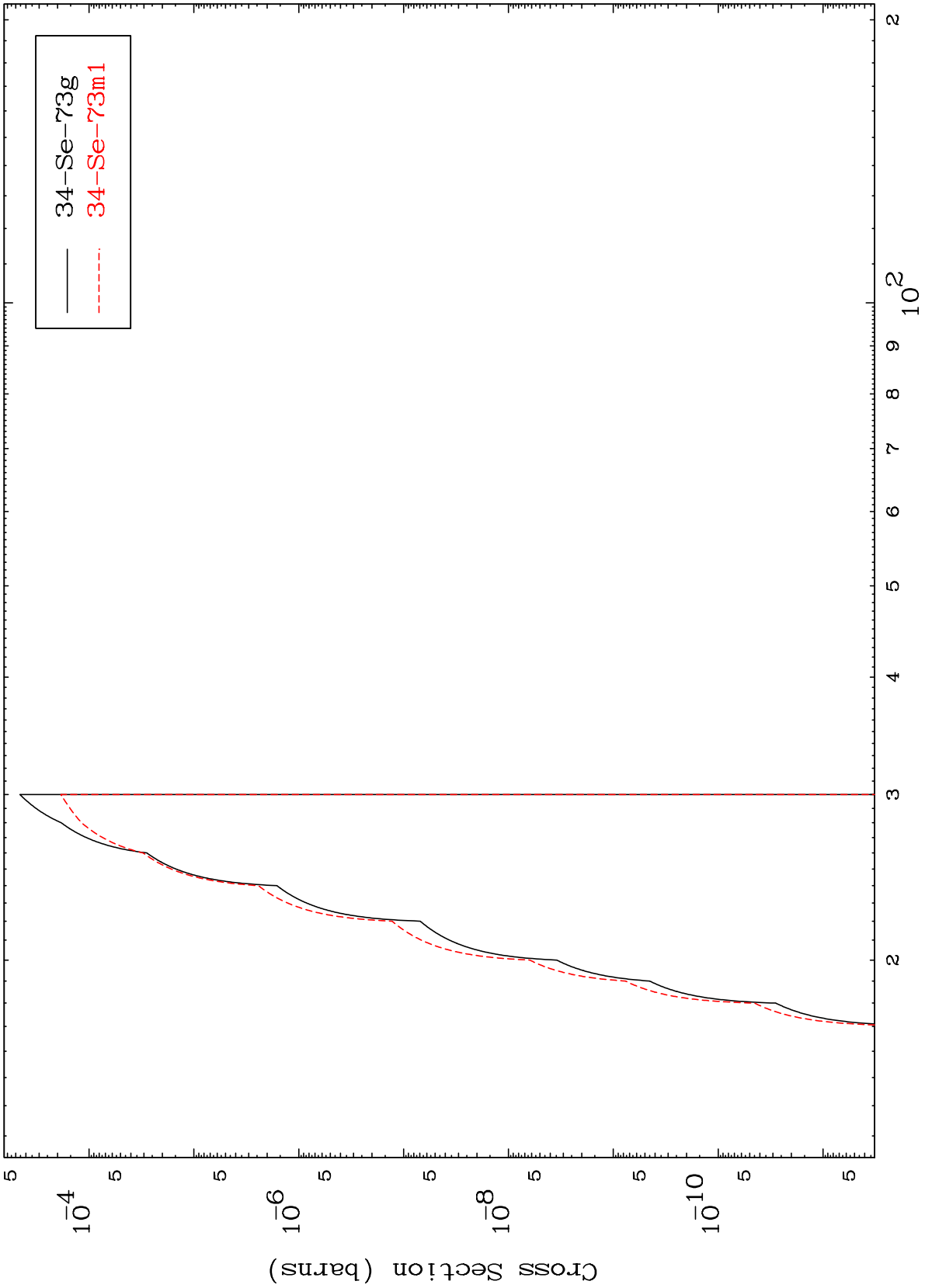
³⁴Se-72

MAT 3419

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

$^{34}\text{Se-72}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

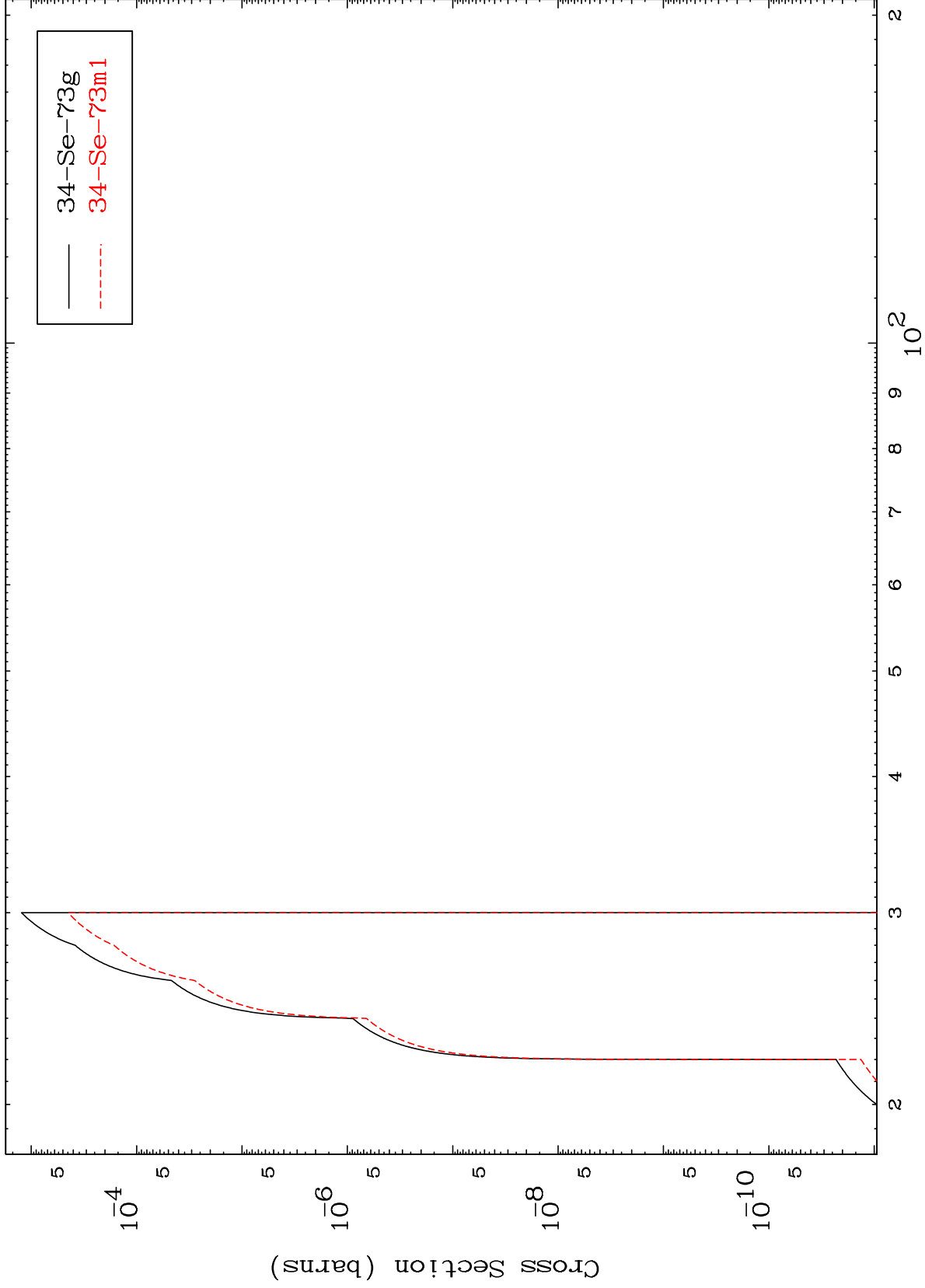
$^{34}\text{Se-72}$

MAT 3419

(α, p) d

³⁴Se-72

Radionuclide Production Cross Section



15

Incident Energy (MeV)

³⁴Se-72