

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

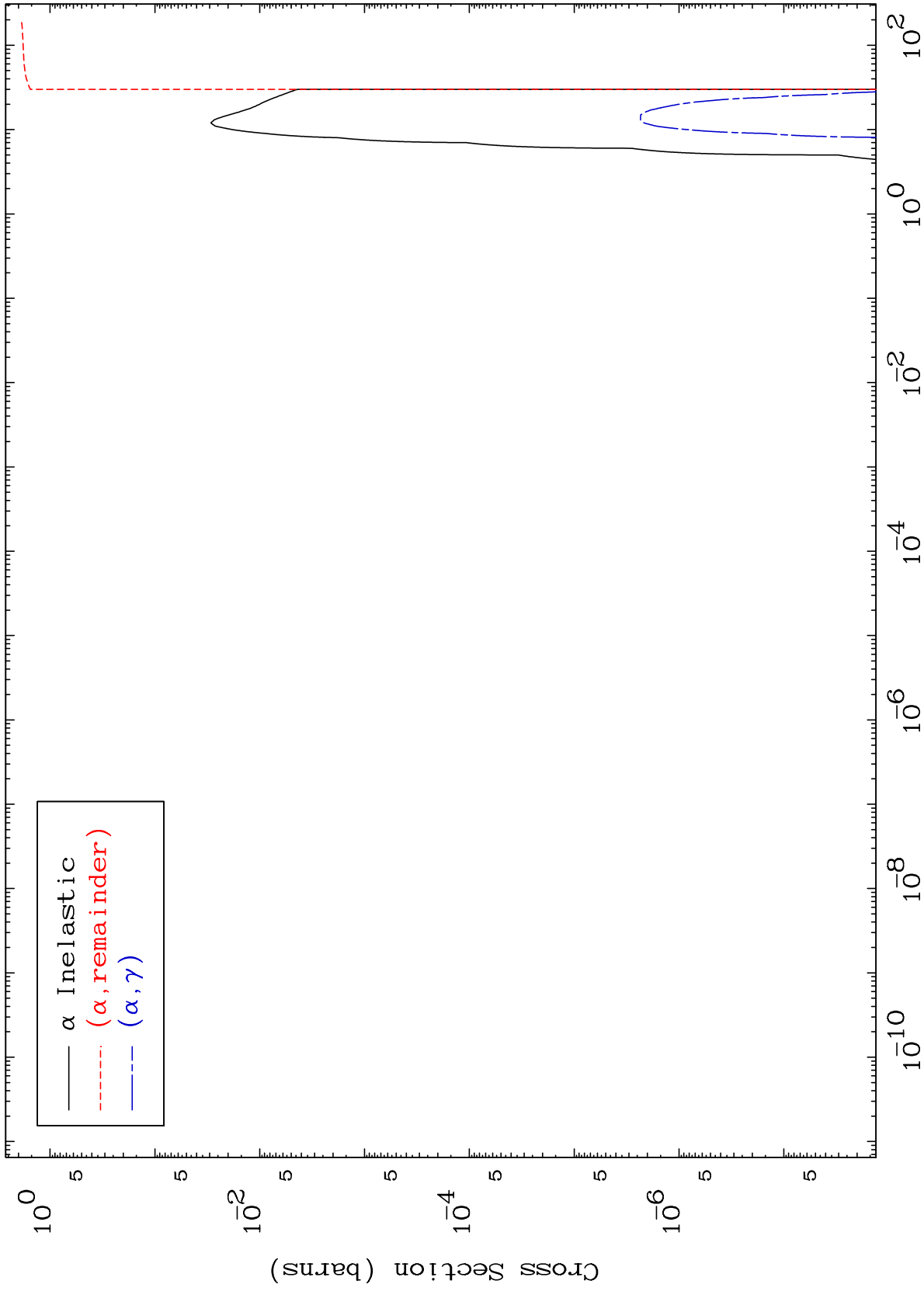
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3455

0 Kelvin α Major
Cross Sections

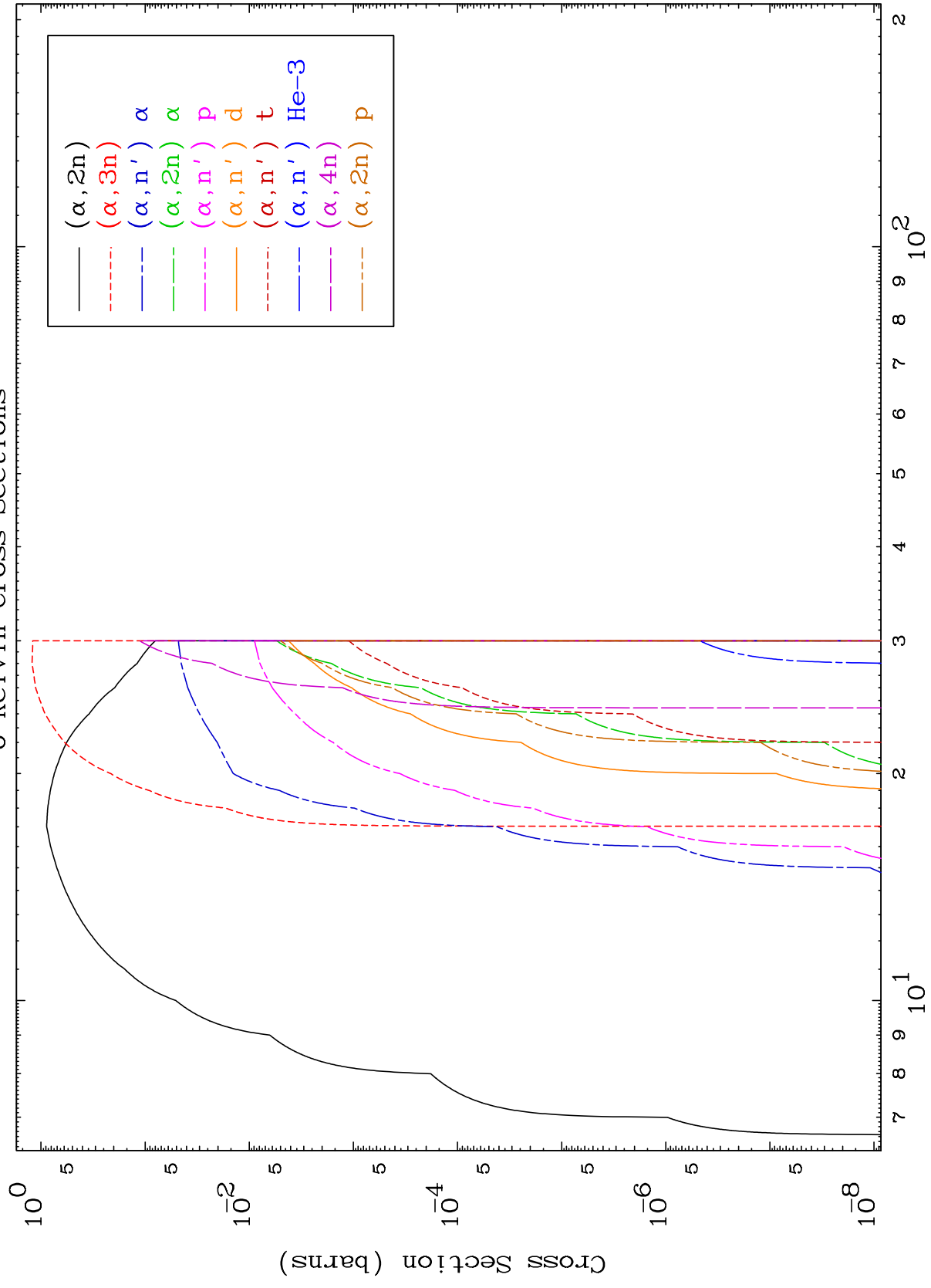
34-Se-84



MAT 3455

α Neutron Production
0 Kelvin Cross Sections

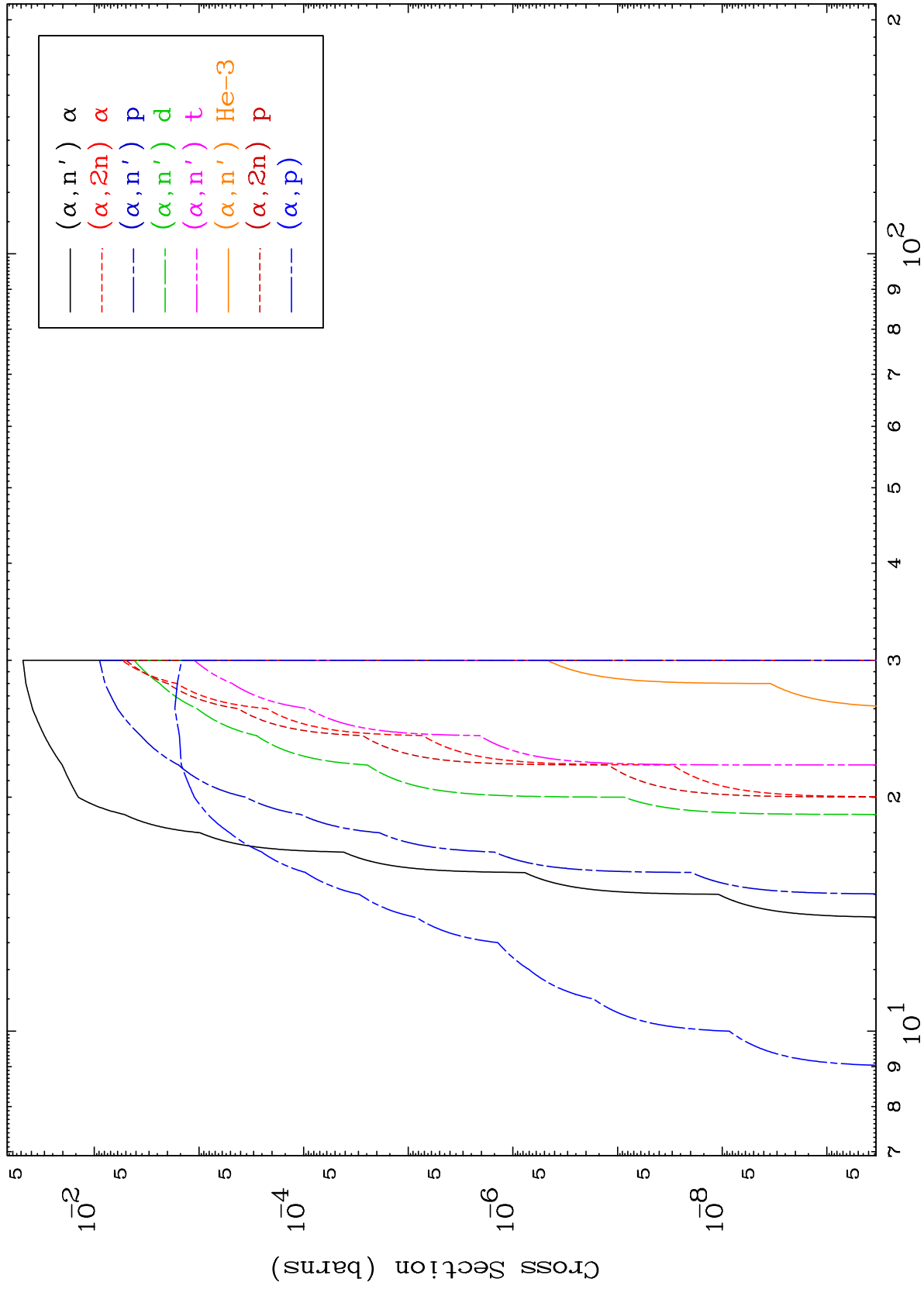
34-Se-84

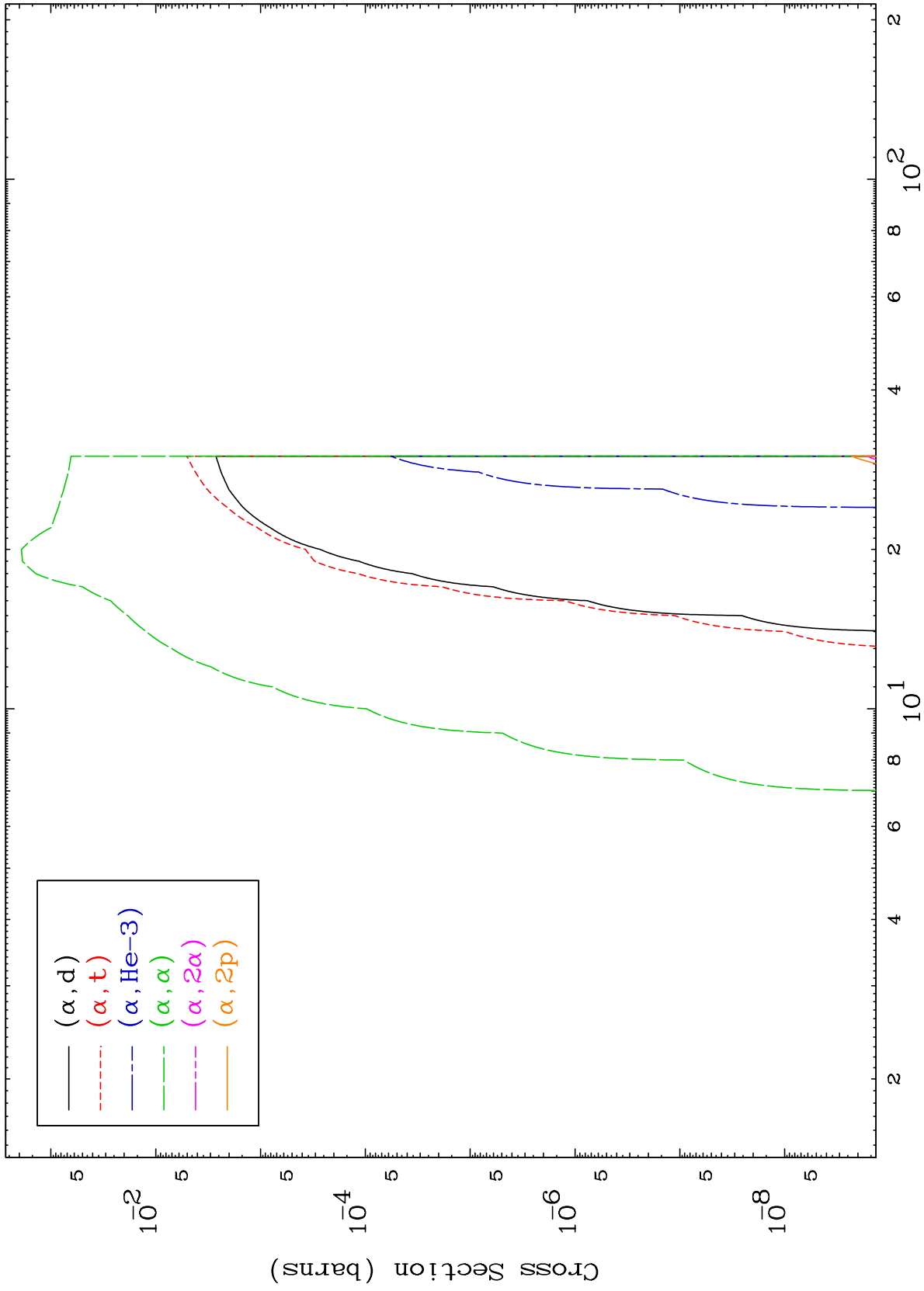


2

Incident Energy (MeV)

34-Se-84

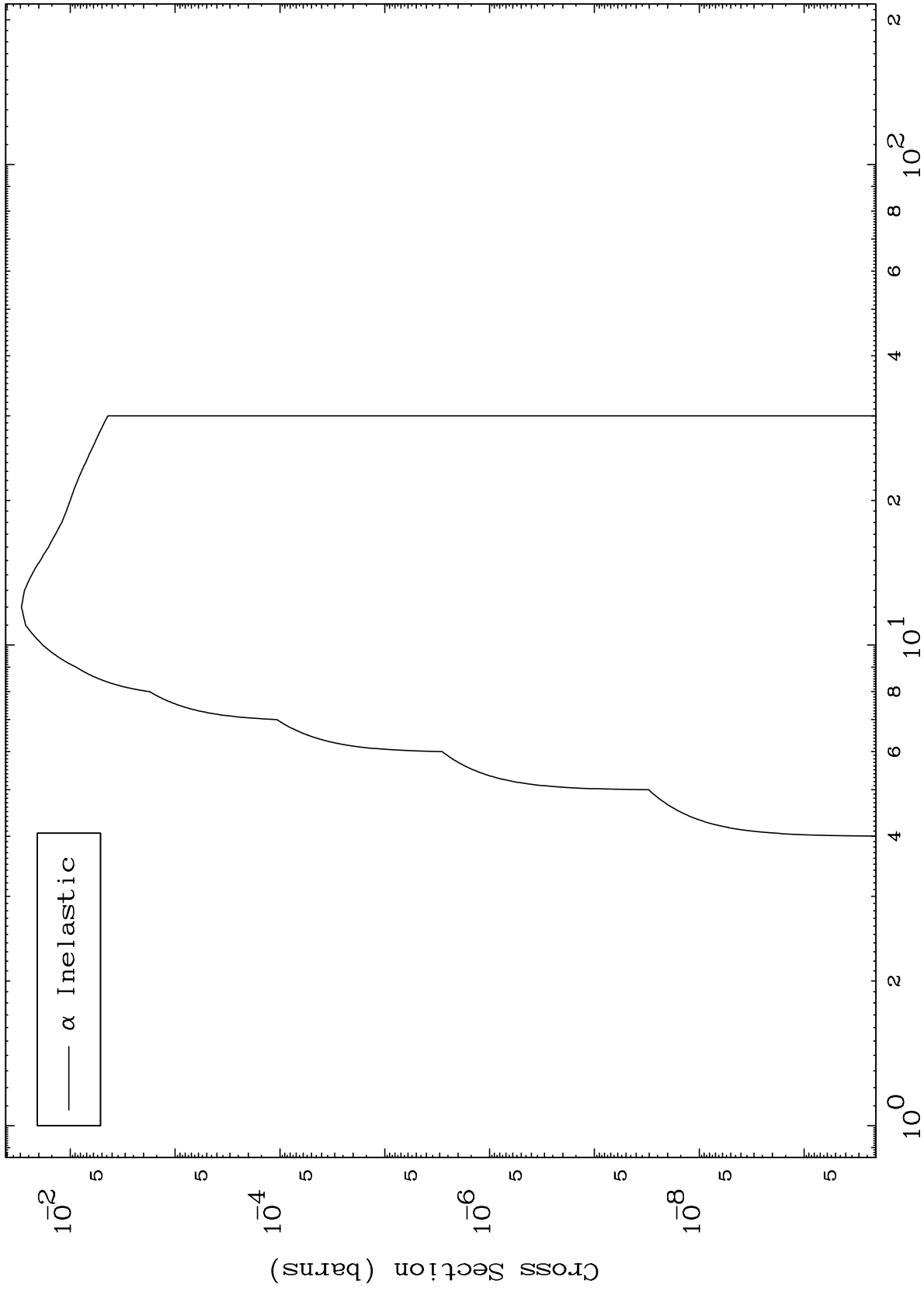




MAT 3455

34-Se-84

(α, n') Level
0 Kelvin Cross Sections



34-Se-84

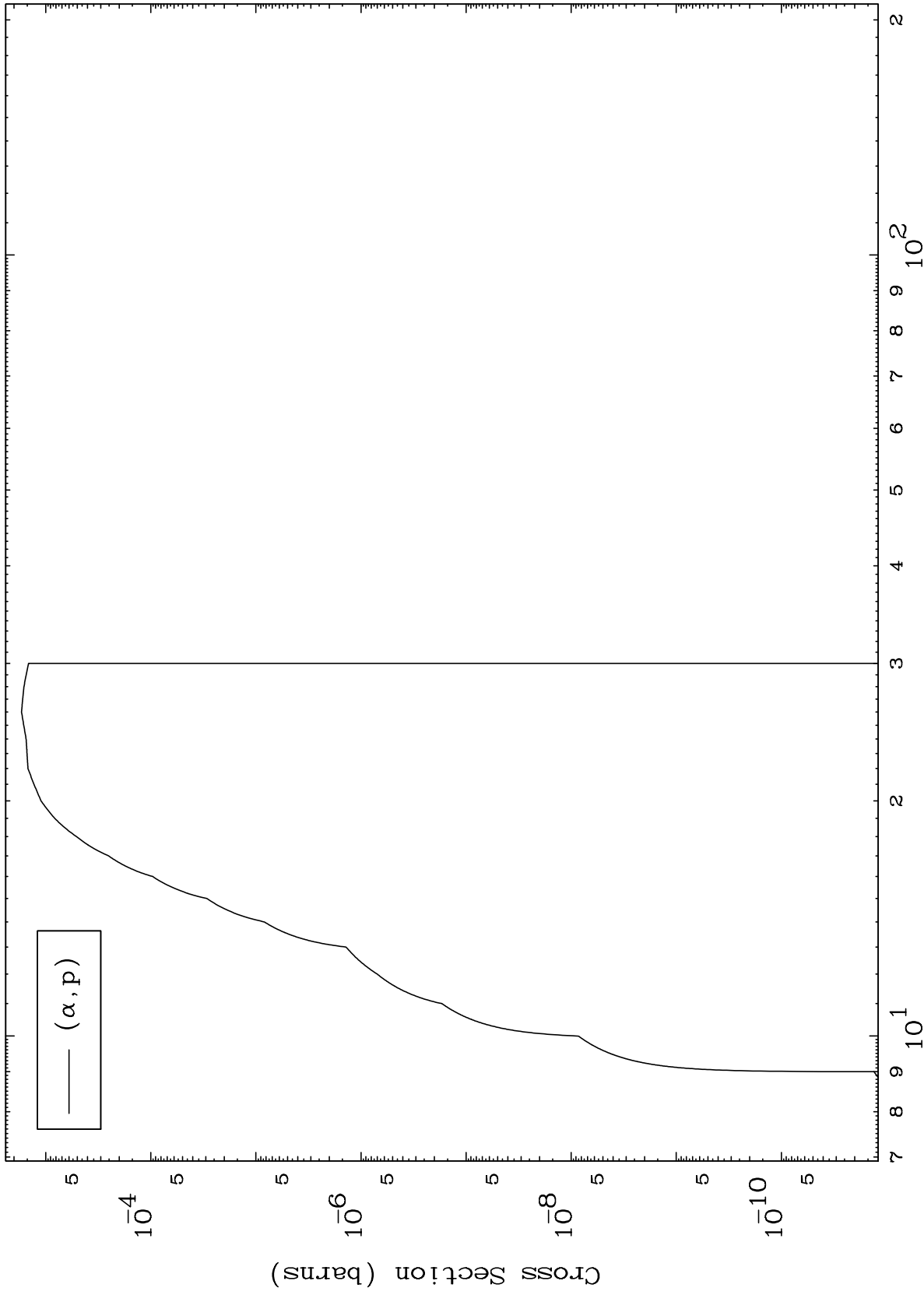
Incident Energy (MeV)

5

MAT 3455

34-Se-84

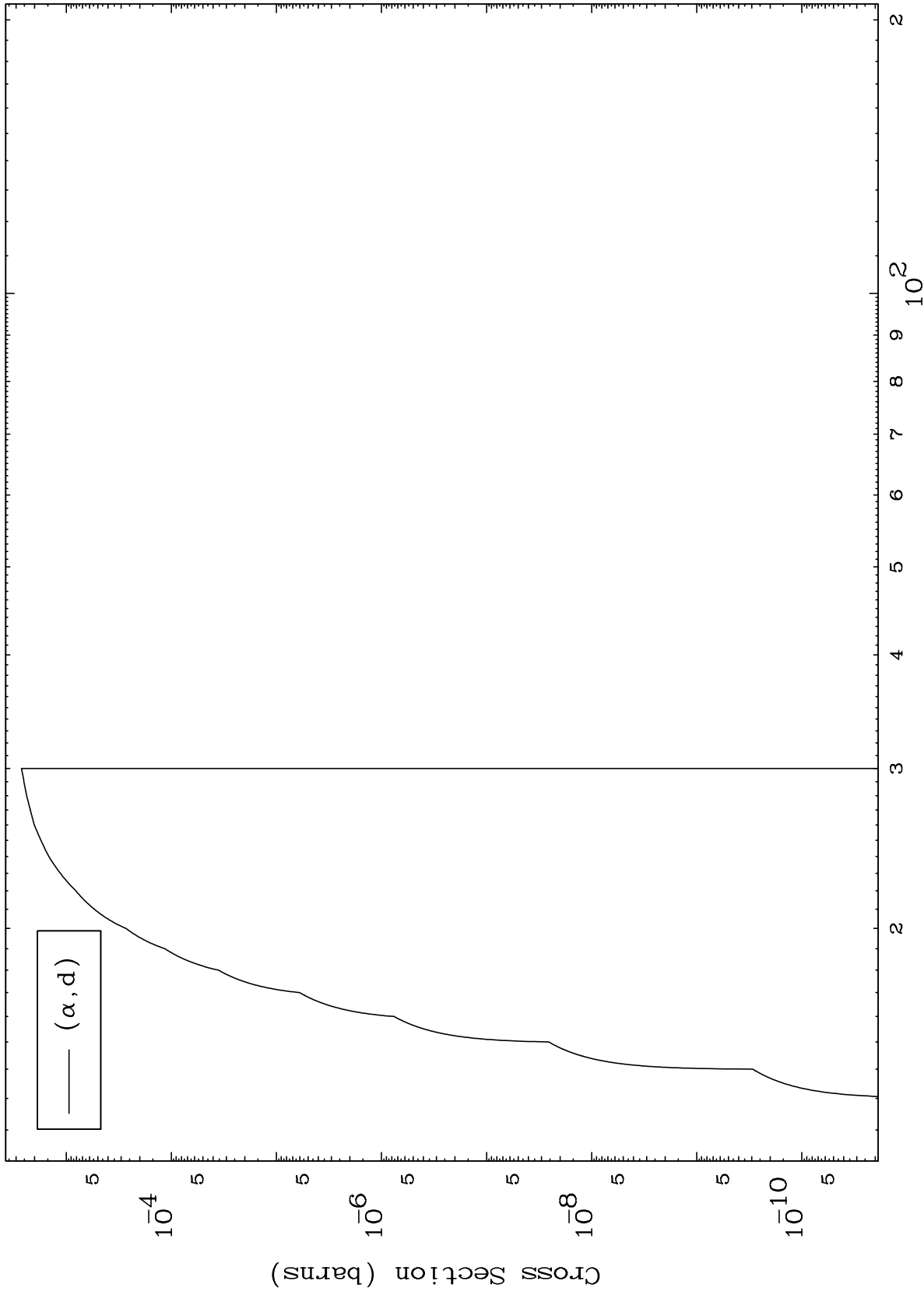
(α, p) Levels
0 Kelvin Cross Sections



6

Incident Energy (MeV)

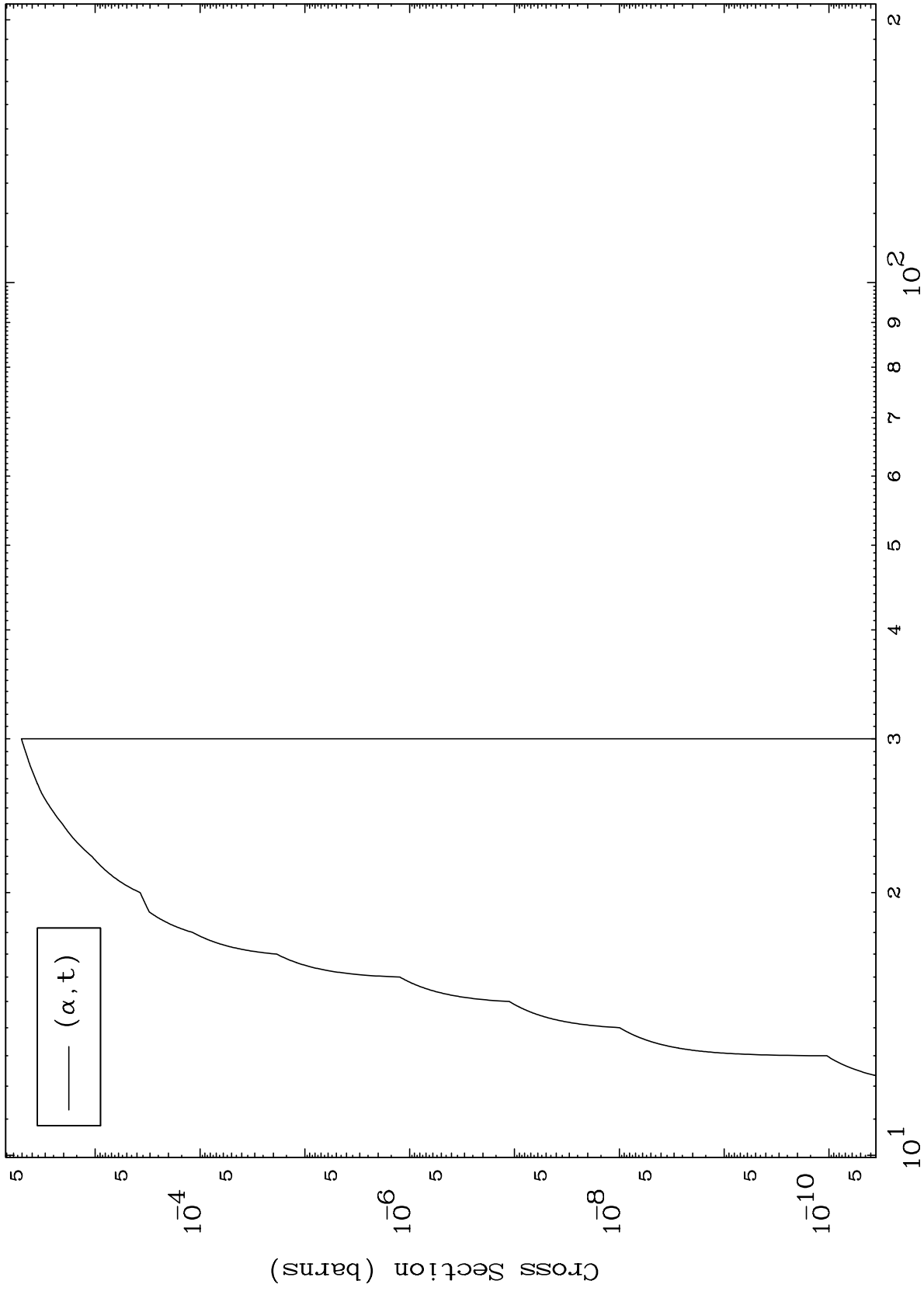
34-Se-84



MAT 3455

(α, t) Levels
0 Kelvin Cross Sections

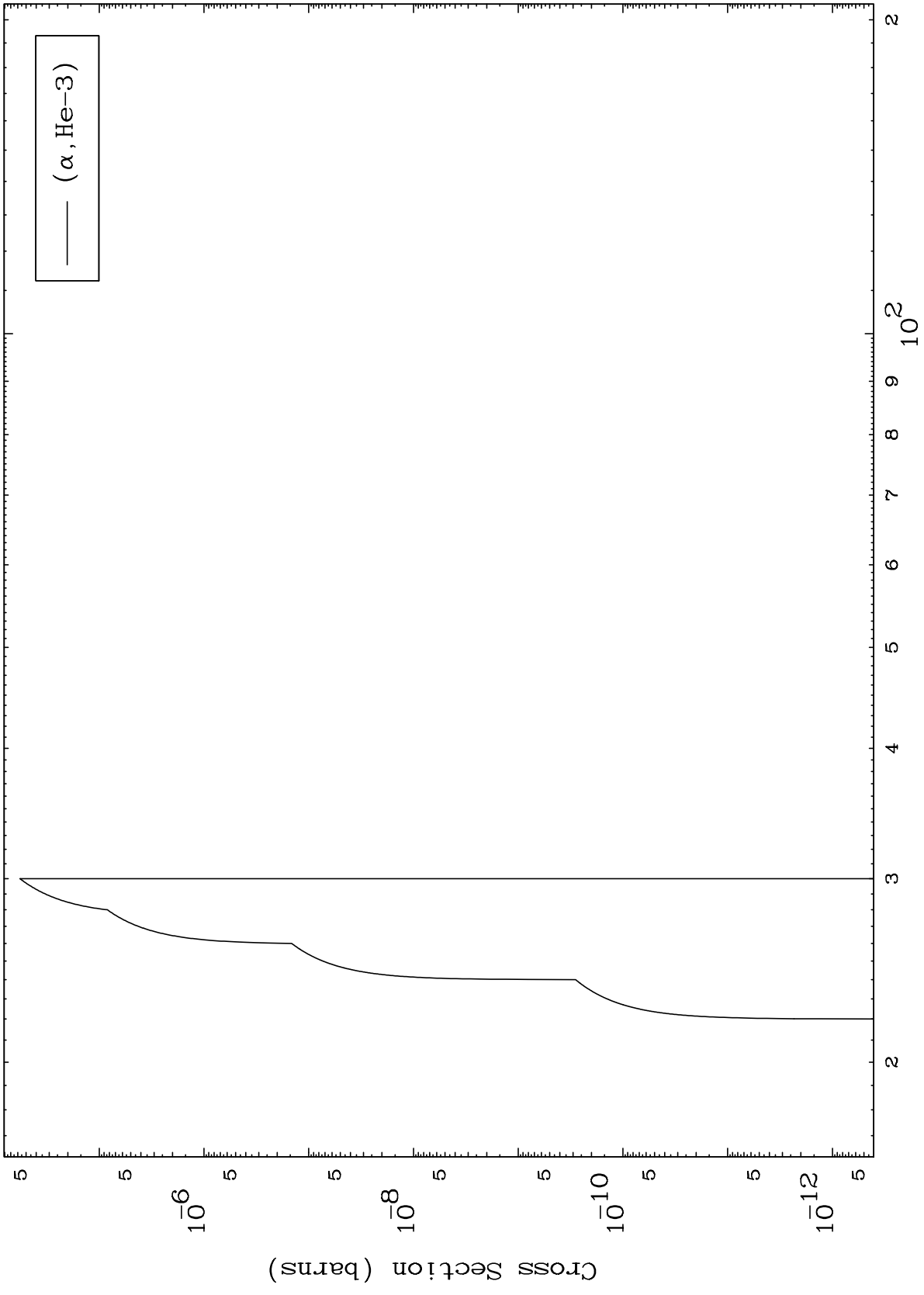
34-Se-84



8

Incident Energy (MeV)

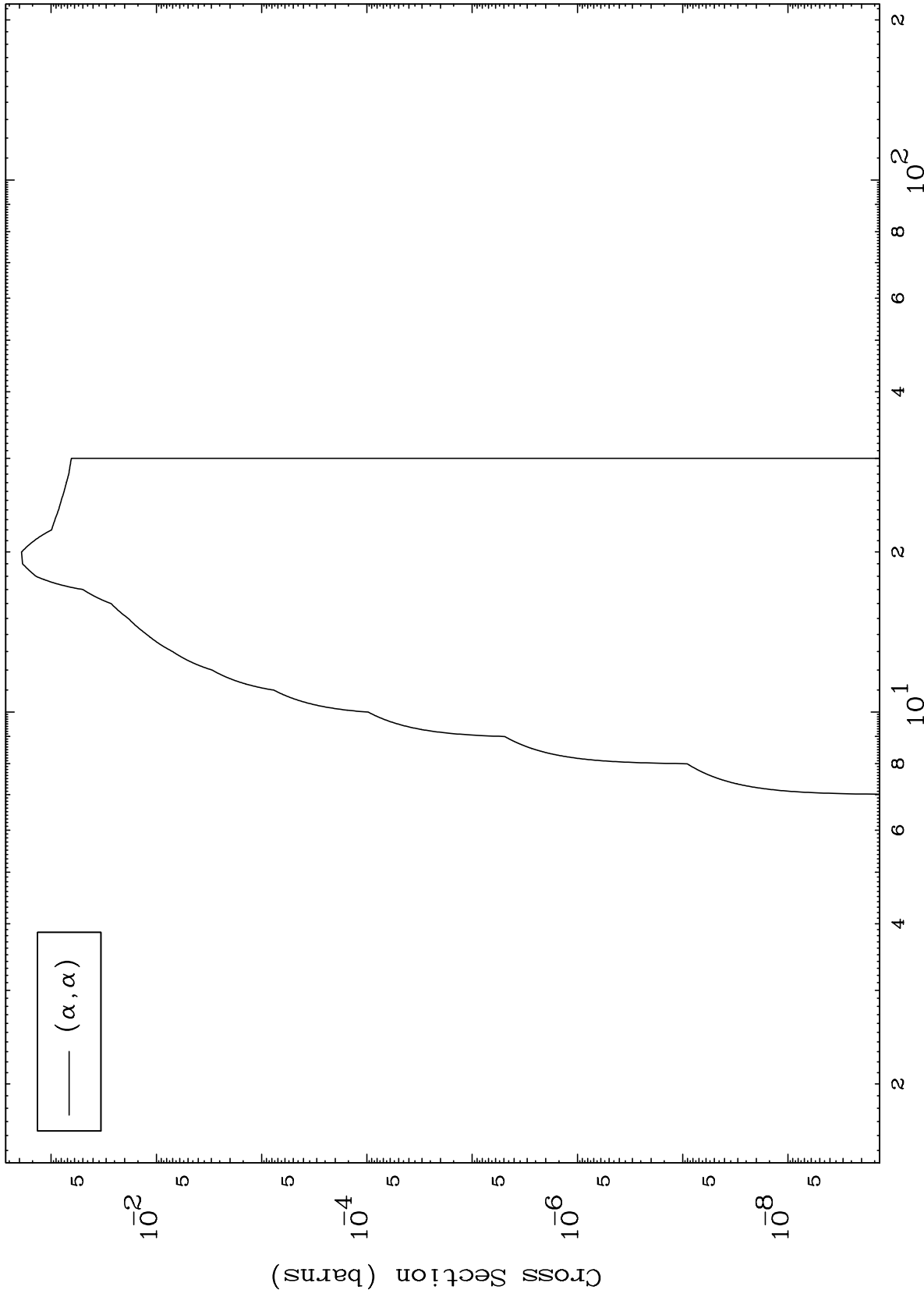
34-Se-84



MAT 3455

(α, α) Levels
0 Kelvin Cross Sections

34-Se-84



10

Incident Energy (MeV)

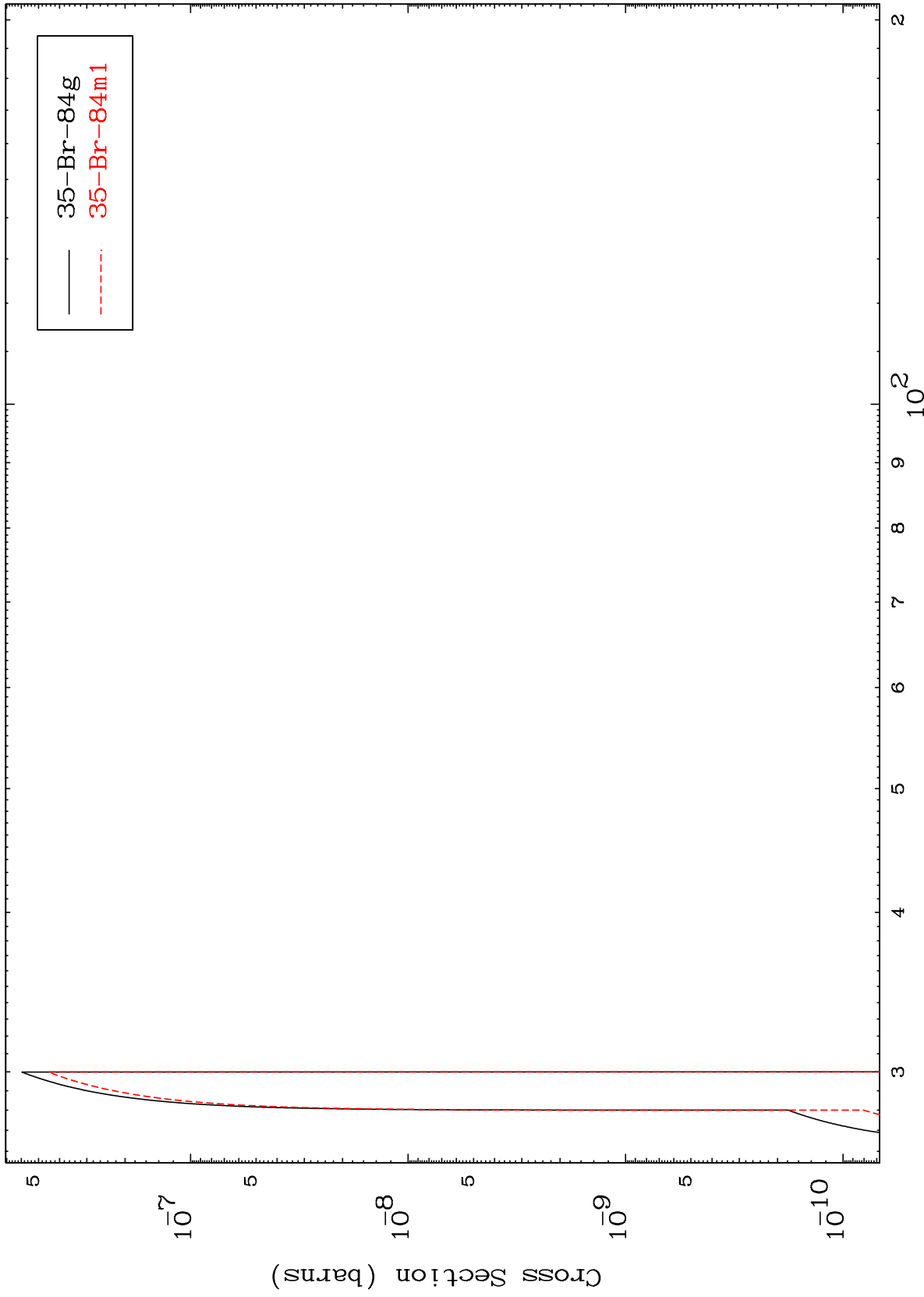
34-Se-84

MAT 3455

($\alpha, 2n$) d

³⁴Se-84

Radionuclide Production Cross Section



11

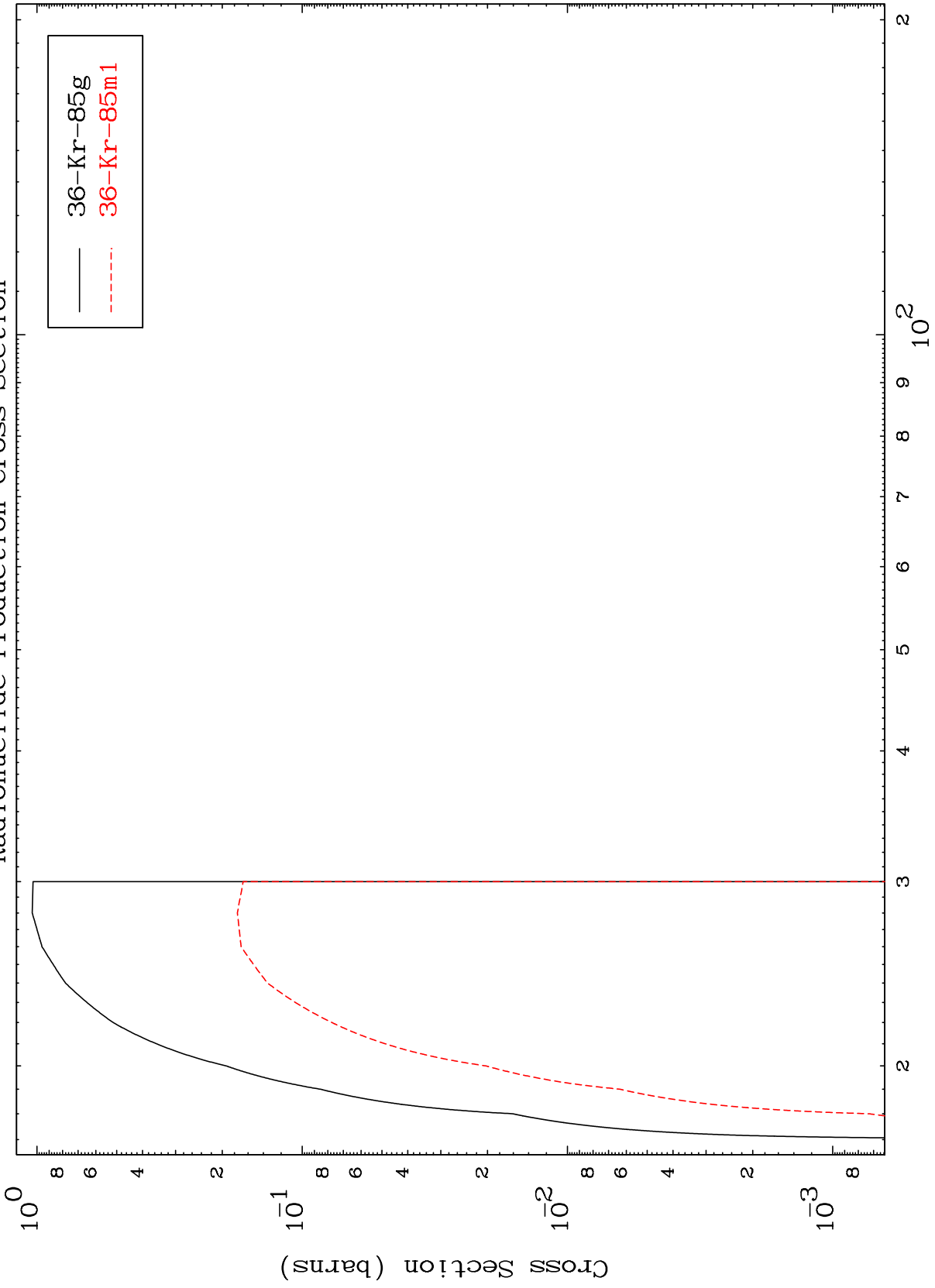
Incident Energy (MeV)

³⁴Se-84

MAT 3455

34-Se-84

Radionuclide Production Cross Section
($\alpha, 3n$)



12

Incident Energy (MeV)

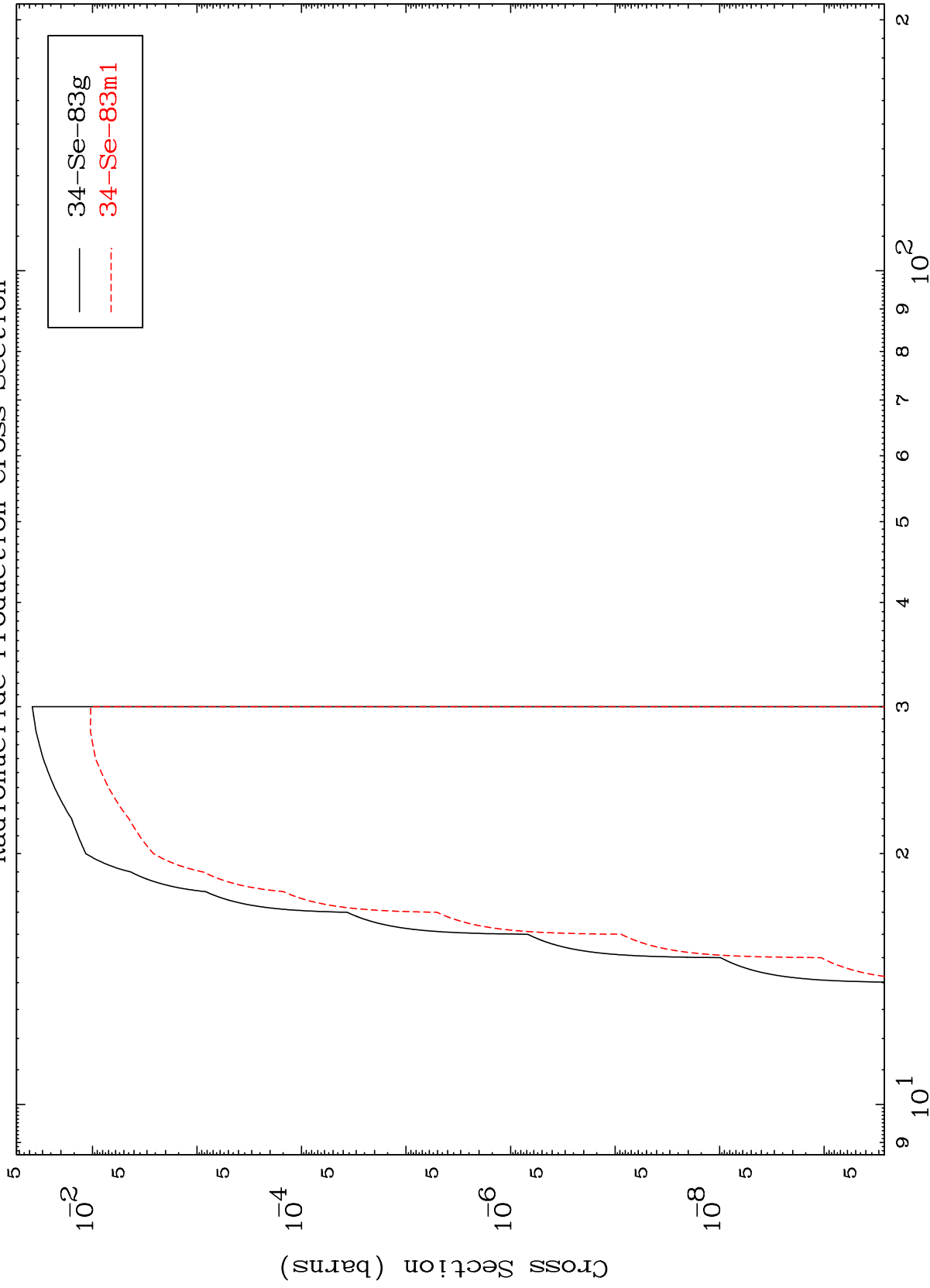
34-Se-84

MAT 3455

(α, n') α

34-Se-84

Radionuclide Production Cross Section



13

Incident Energy (MeV)

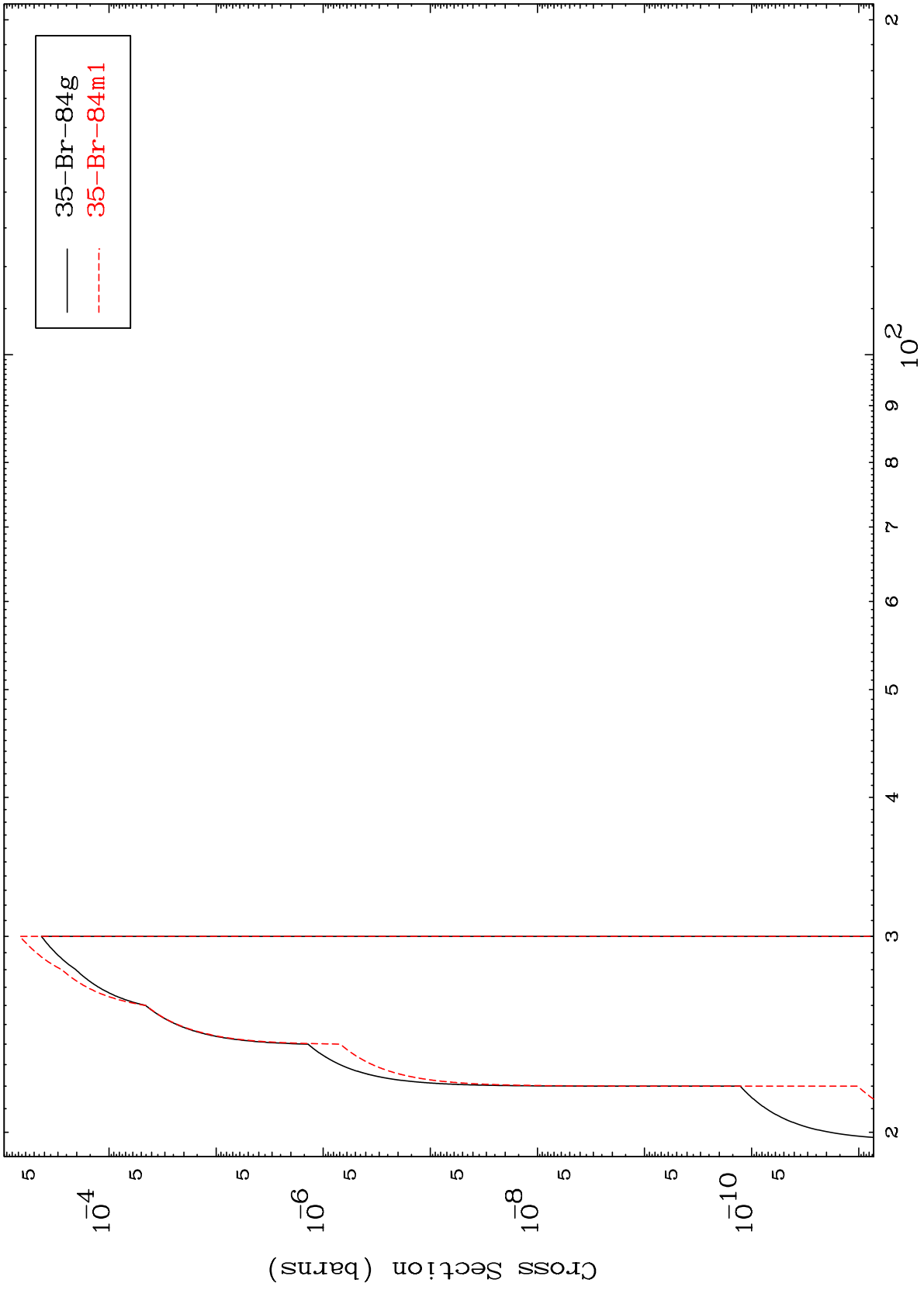
34-Se-84

MAT 3455

(α, n') t

³⁴Se-84

Radionuclide Production Cross Section



14

Incident Energy (MeV)

³⁴Se-84