

Program EVALPLOT
(Version 2018-1)

by

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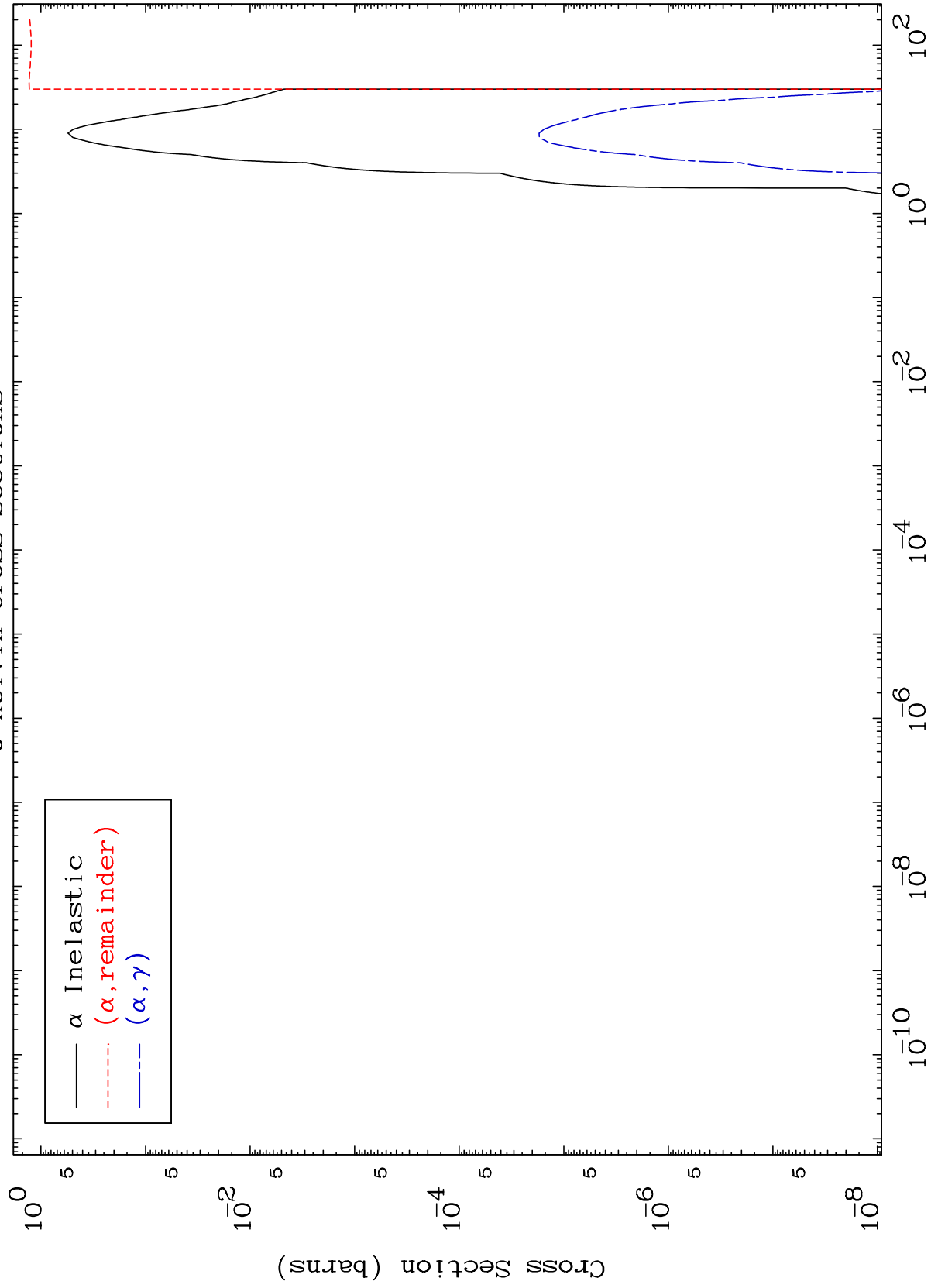
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1640

0 Kelvin α Major
Cross Sections

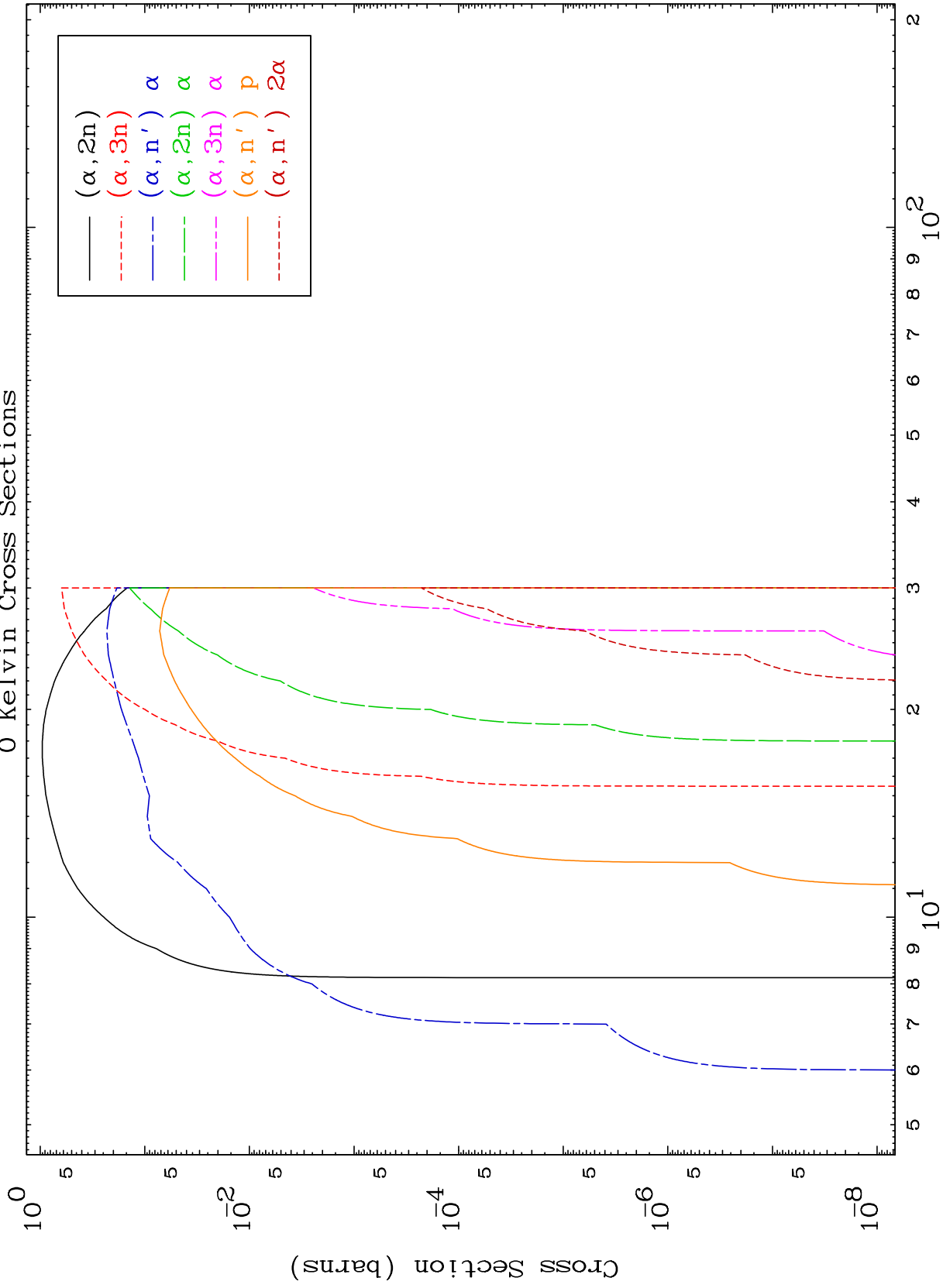
16-S -37



MAT 1640

α Neutron Production
0 Kelvin Cross Sections

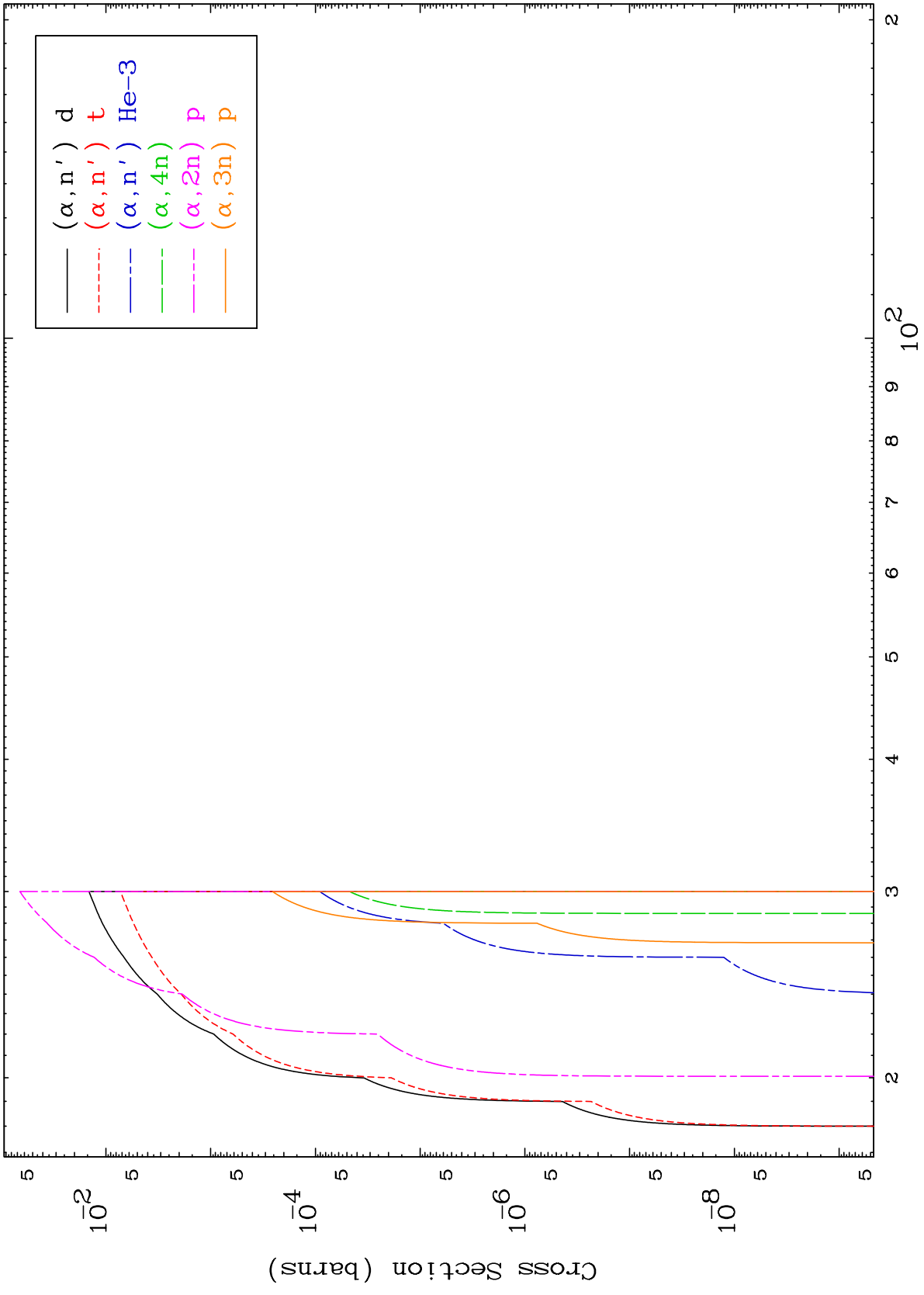
16-S -37



2

Incident Energy (MeV)

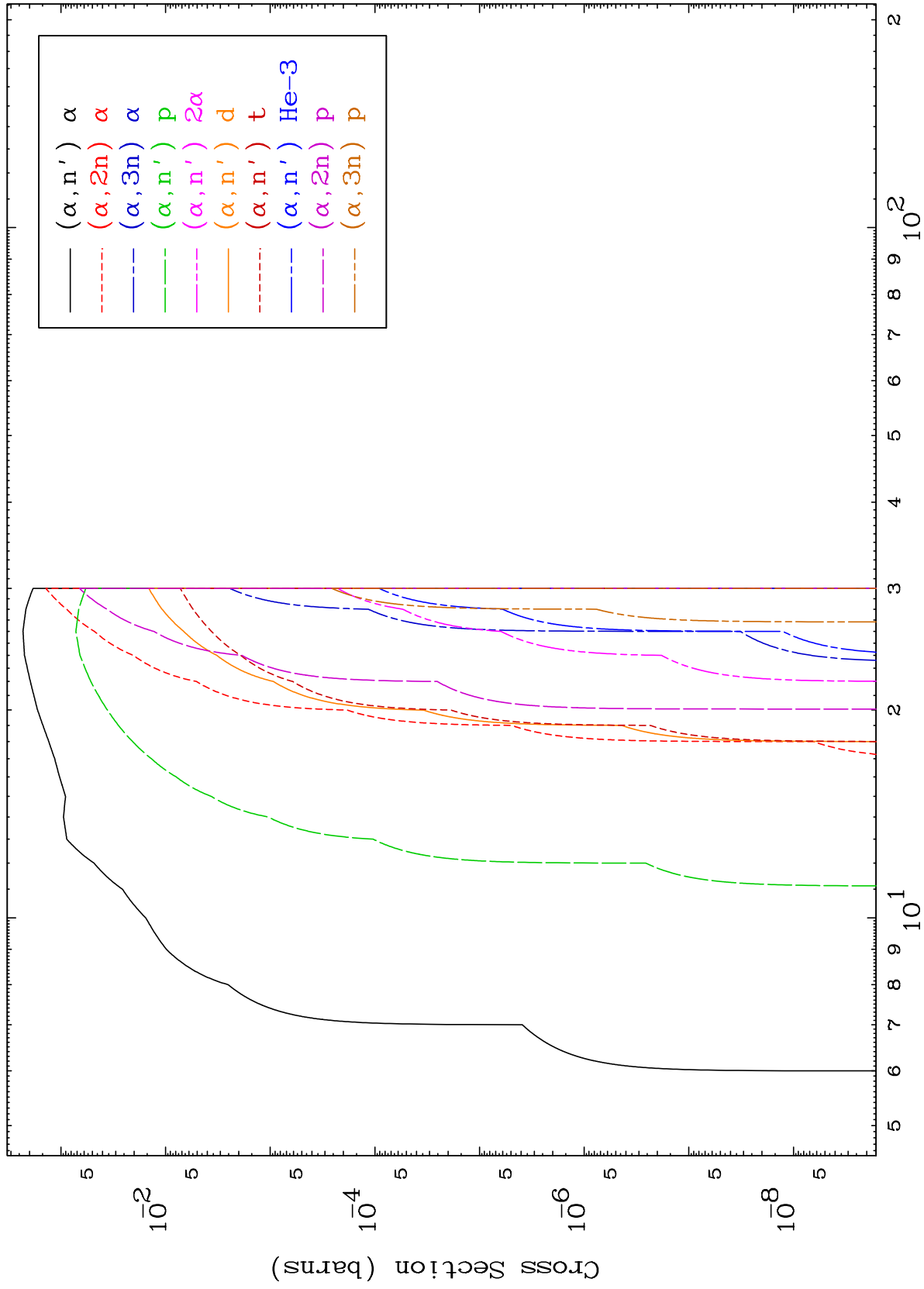
16-S -37



MAT 1640

α Charged Particle
0 Kelvin Cross Sections

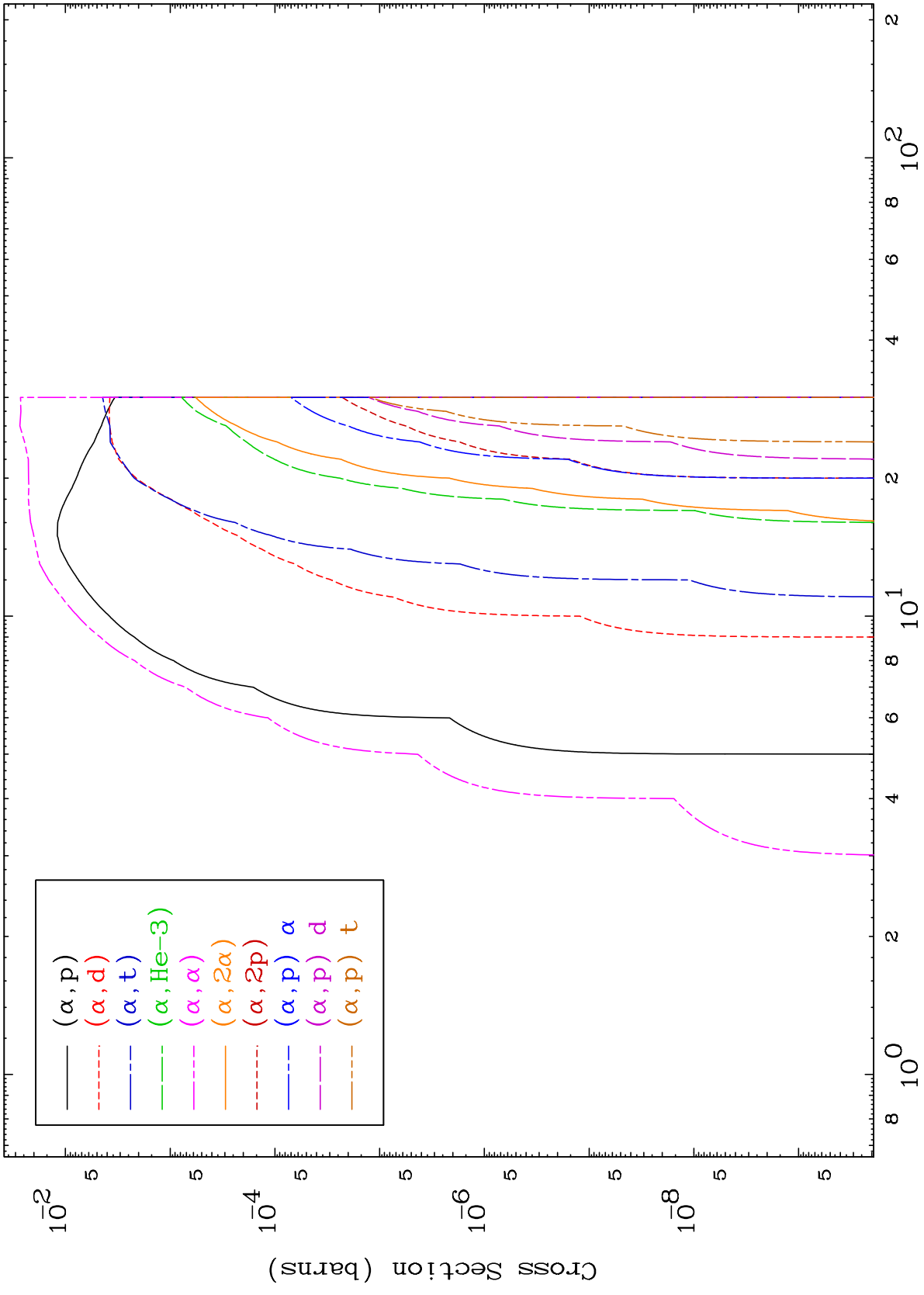
16-S -37



4

Incident Energy (MeV)

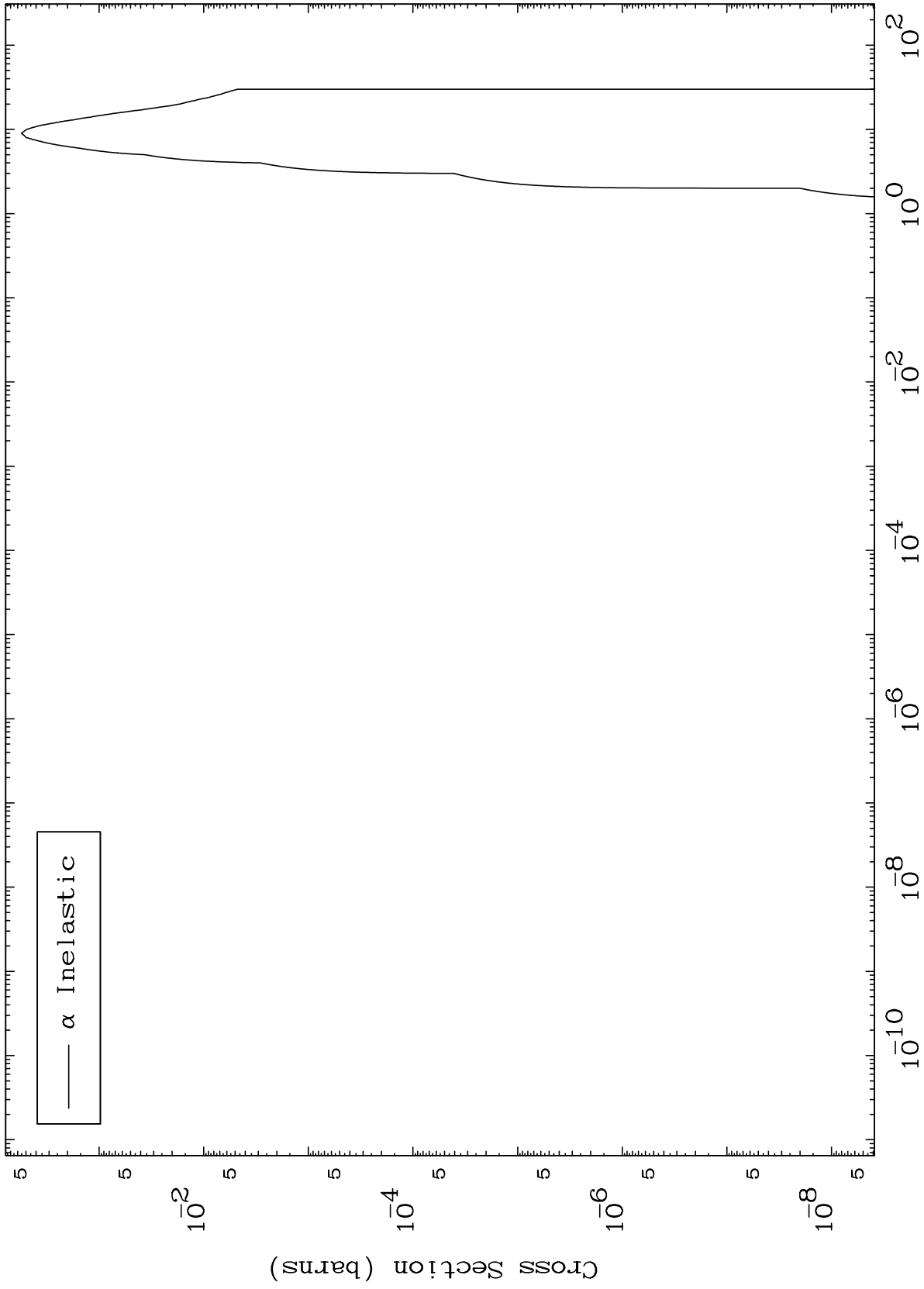
16-S -37



MAT 1640

(α, n') Level
0 Kelvin Cross Sections

16-S -37



6

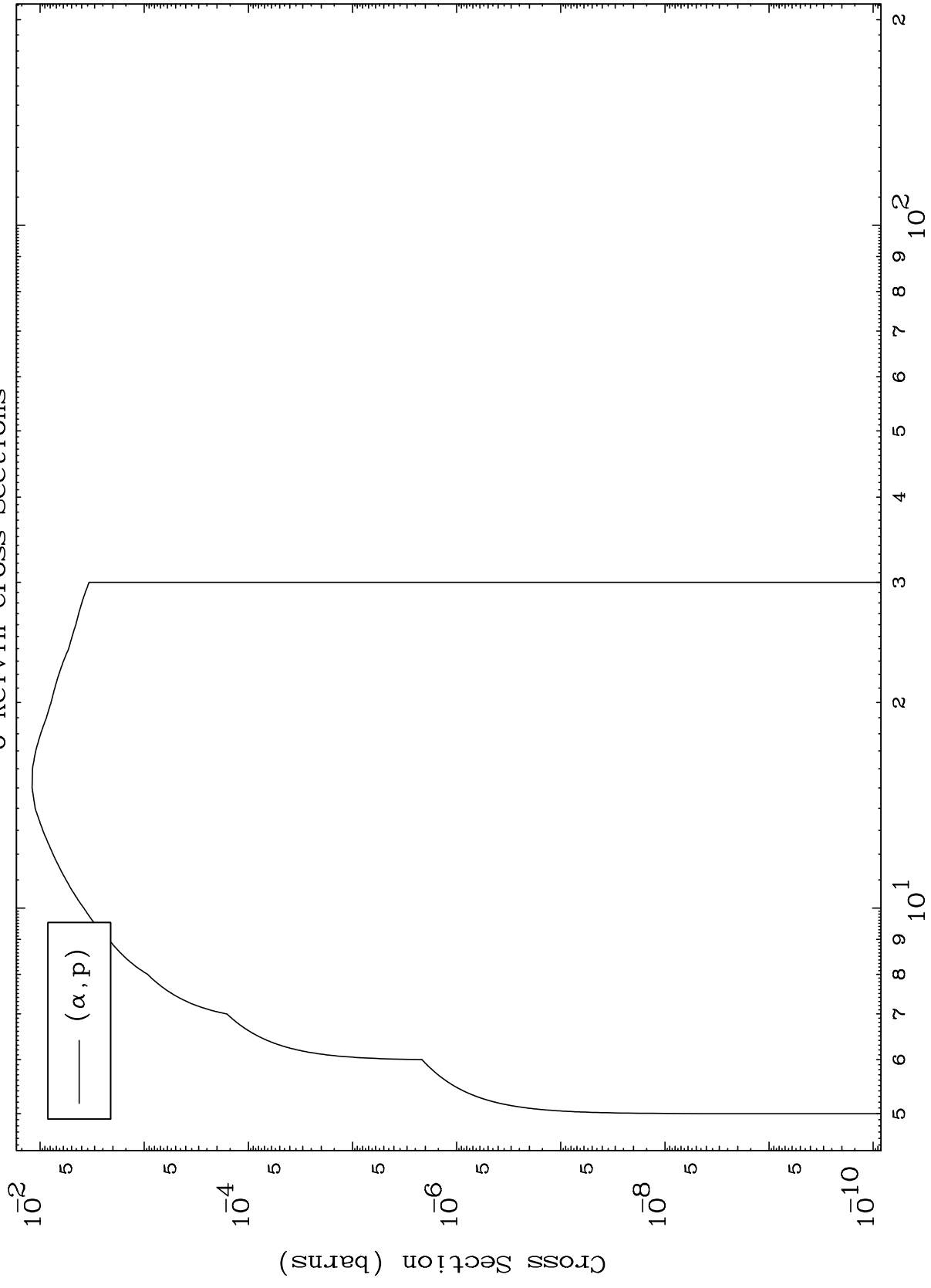
Incident Energy (MeV)

16-S -37

MAT 1640

(α, p) Levels
0 Kelvin Cross Sections

16-S -37



7

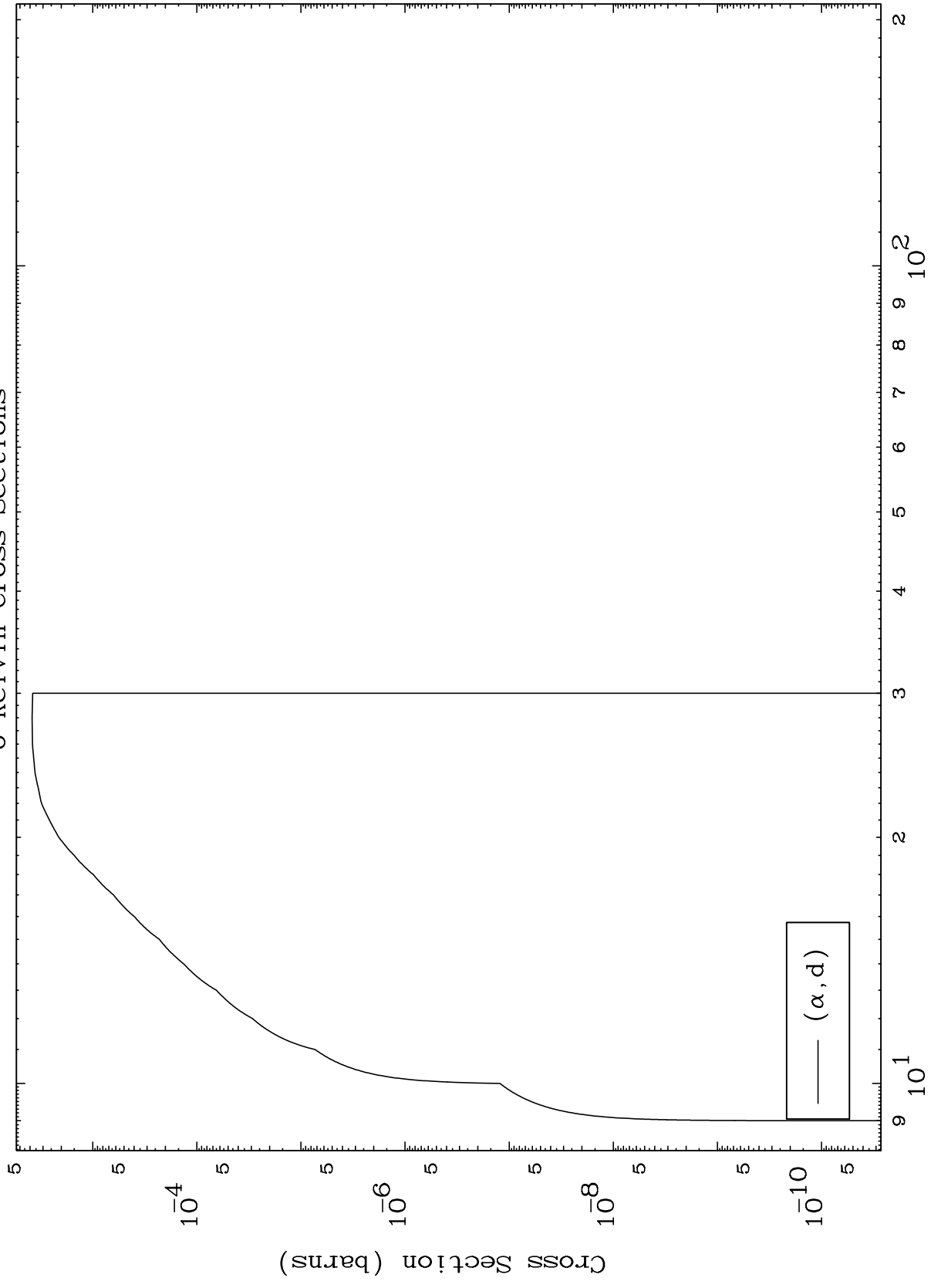
Incident Energy (MeV)

16-S -37

MAT 1640

(α, d) Levels
0 Kelvin Cross Sections

16-S -37



8

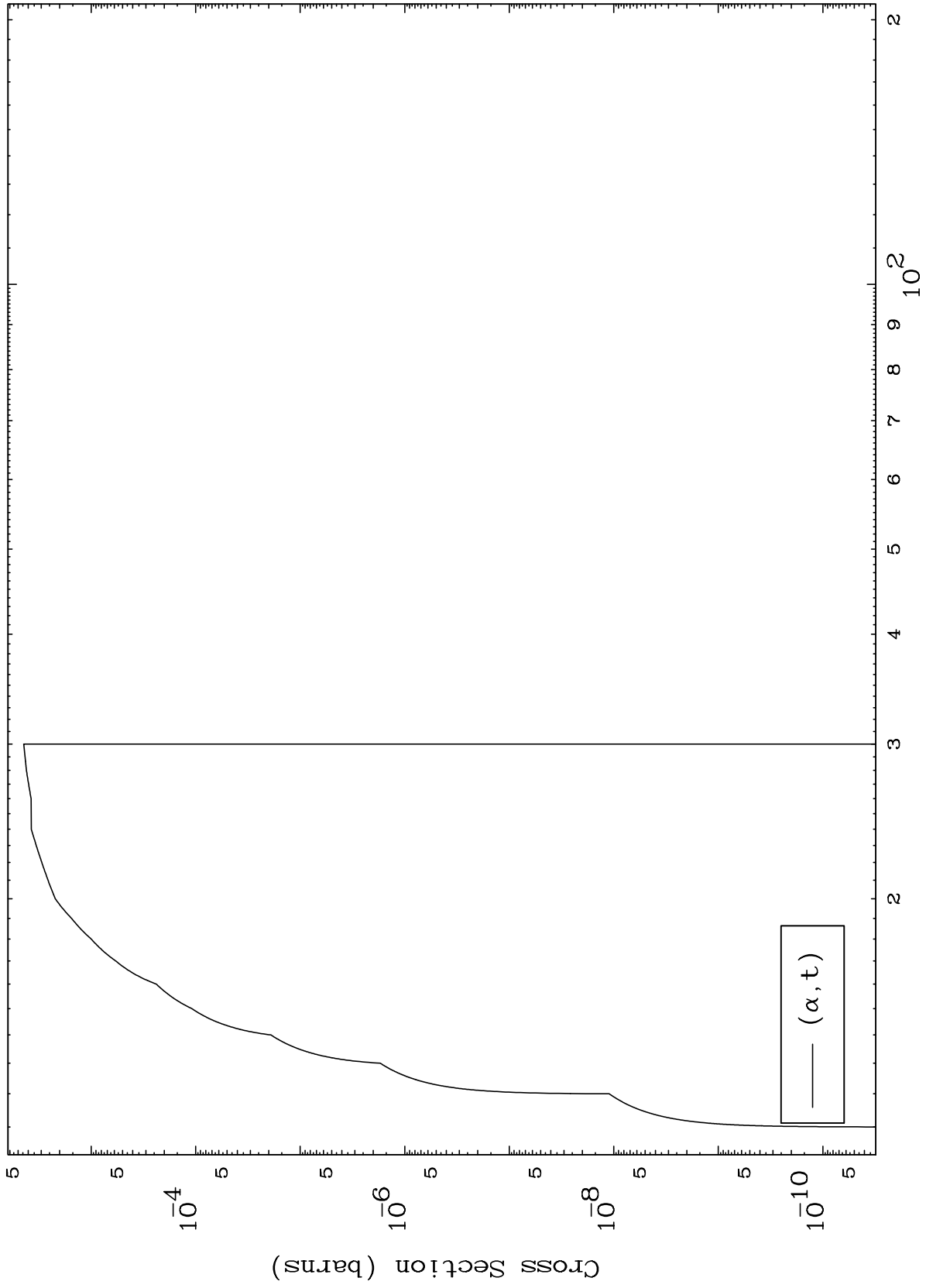
Incident Energy (MeV)

16-S -37

MAT 1640

(α, t) Levels
0 Kelvin Cross Sections

16-S -37



9

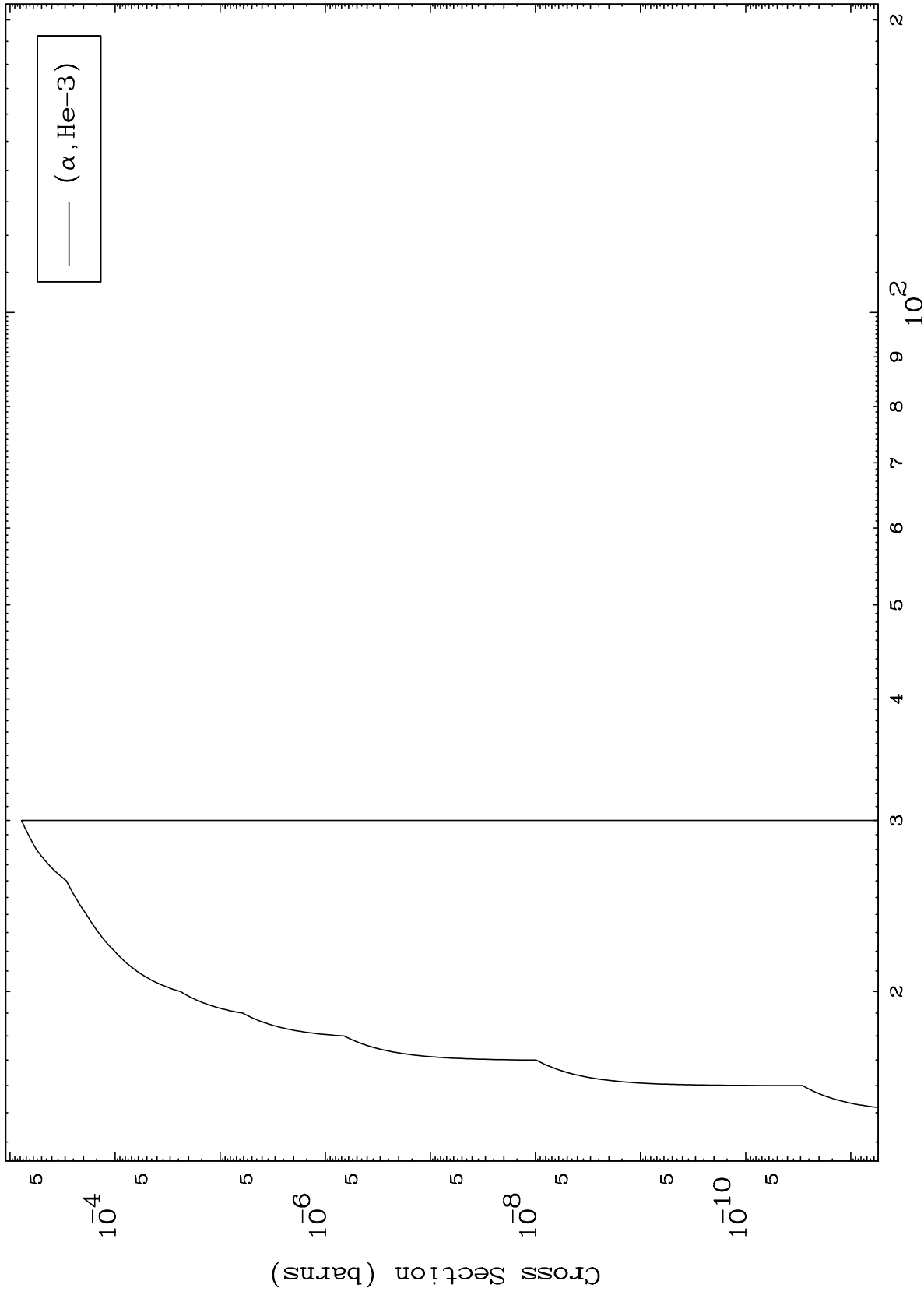
Incident Energy (MeV)

16-S -37

MAT 1640

(α ,He3) Levels
0 Kelvin Cross Sections

16-S -37



10

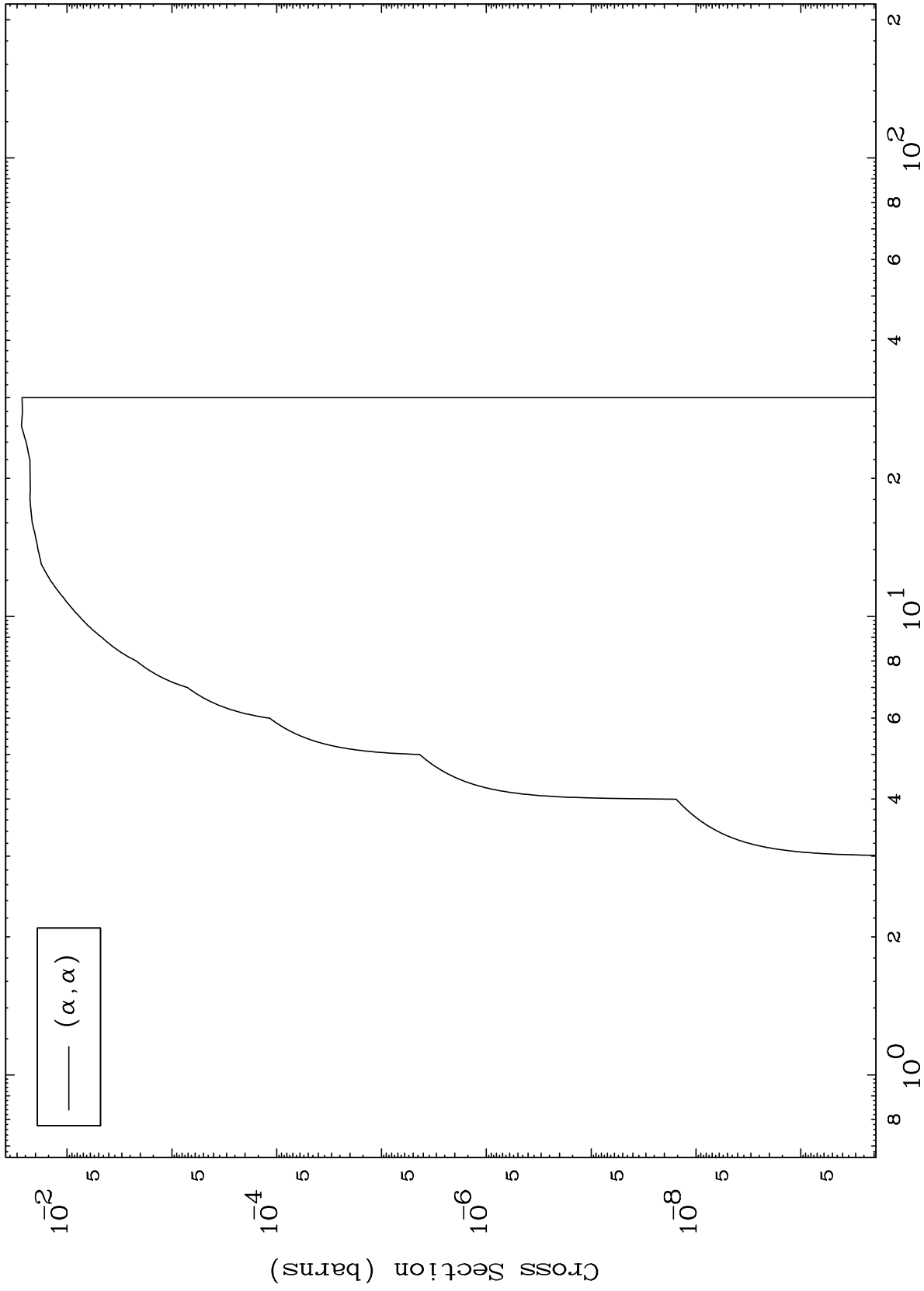
Incident Energy (MeV)

16-S -37

MAT 1640

(α, α) Levels
0 Kelvin Cross Sections

16-S -37



11

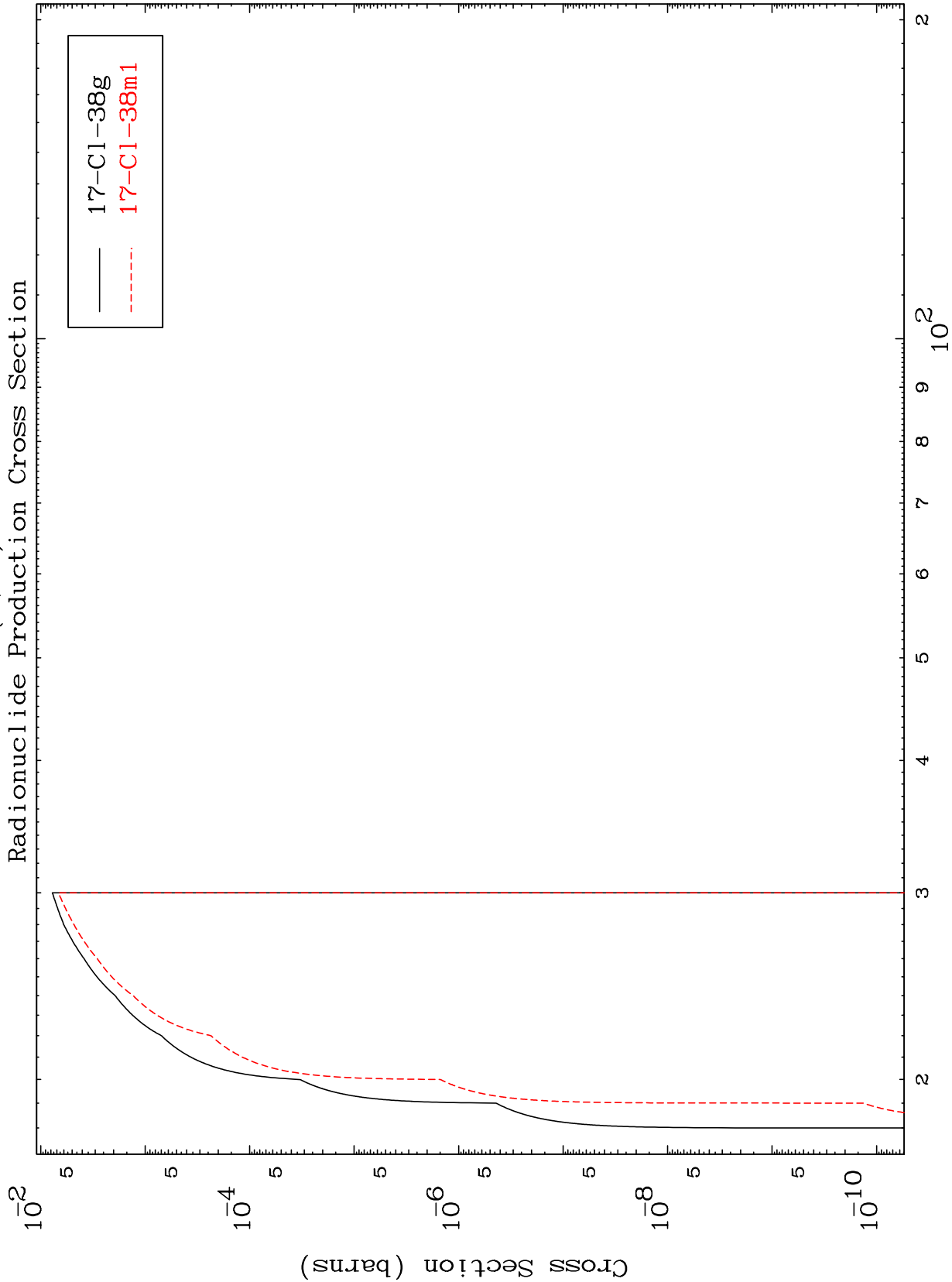
Incident Energy (MeV)

16-S -37

MAT 1640

(α, n') d

16-S -37



16-S -37

Incident Energy (MeV)

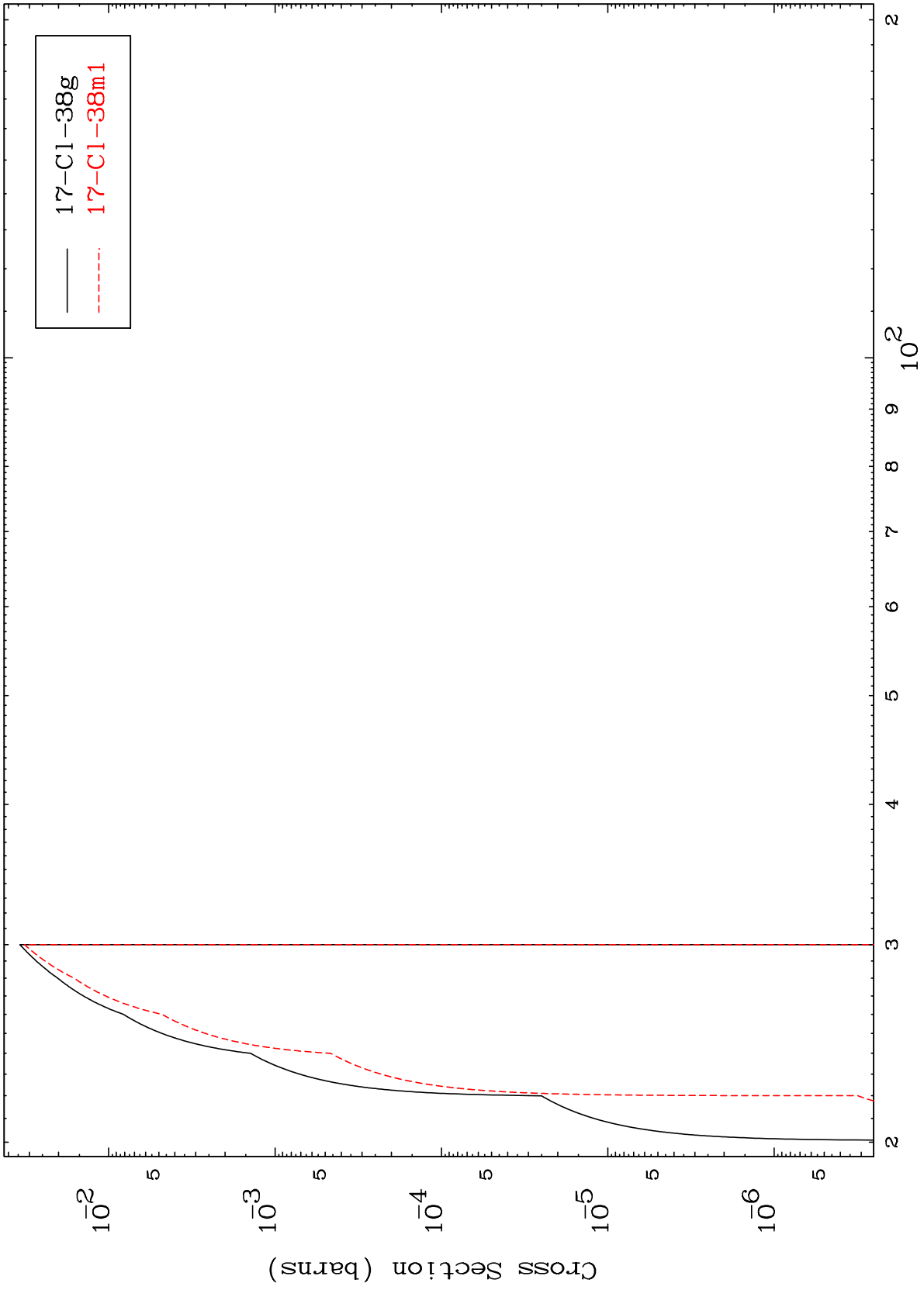
12

MAT 1640

($\alpha, 2n$) p

16-S -37

Radionuclide Production Cross Section



13

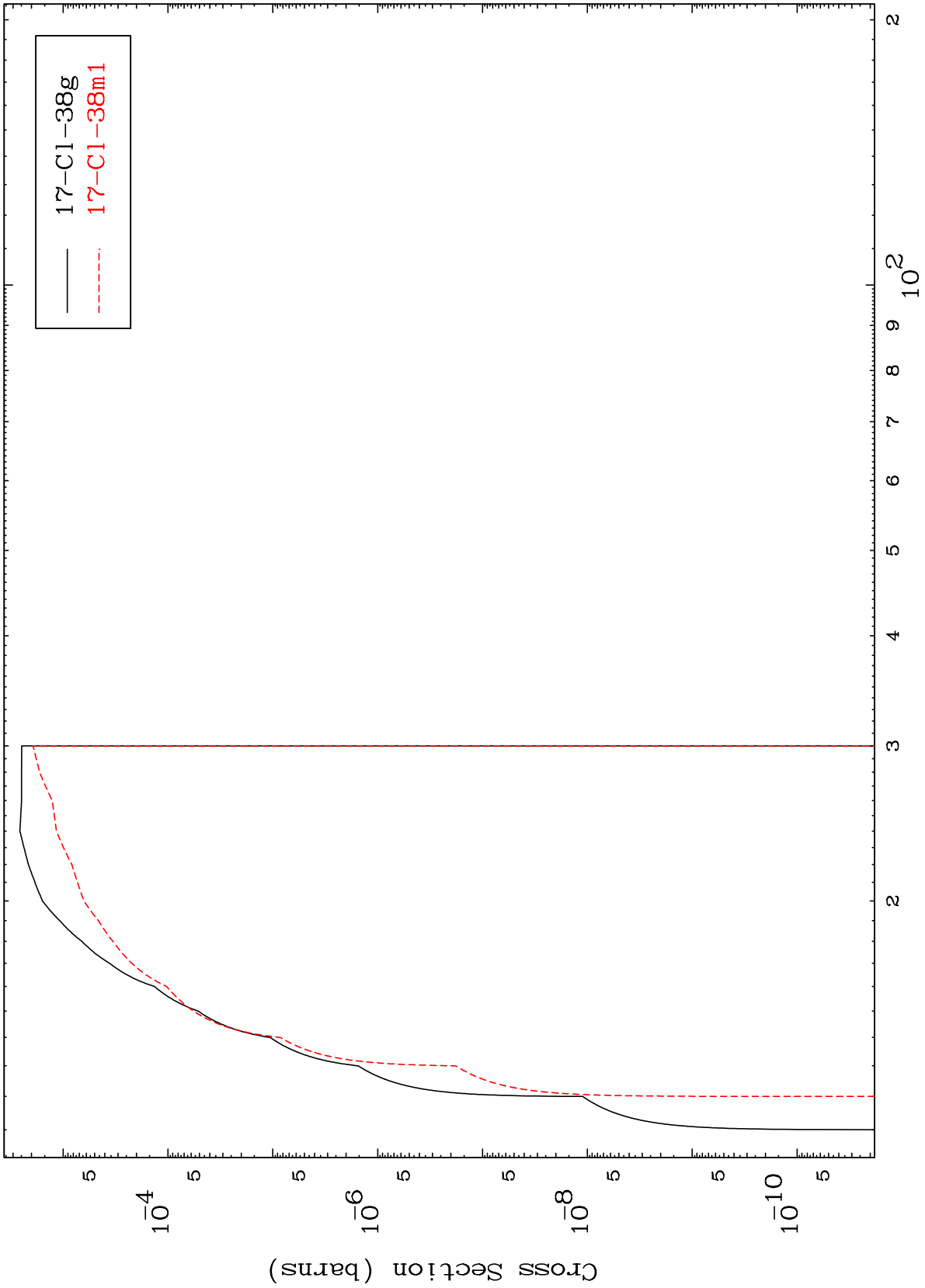
Incident Energy (MeV)

16-S -37

MAT 1640

16-S -37

(α, t)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

16-S -37