

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

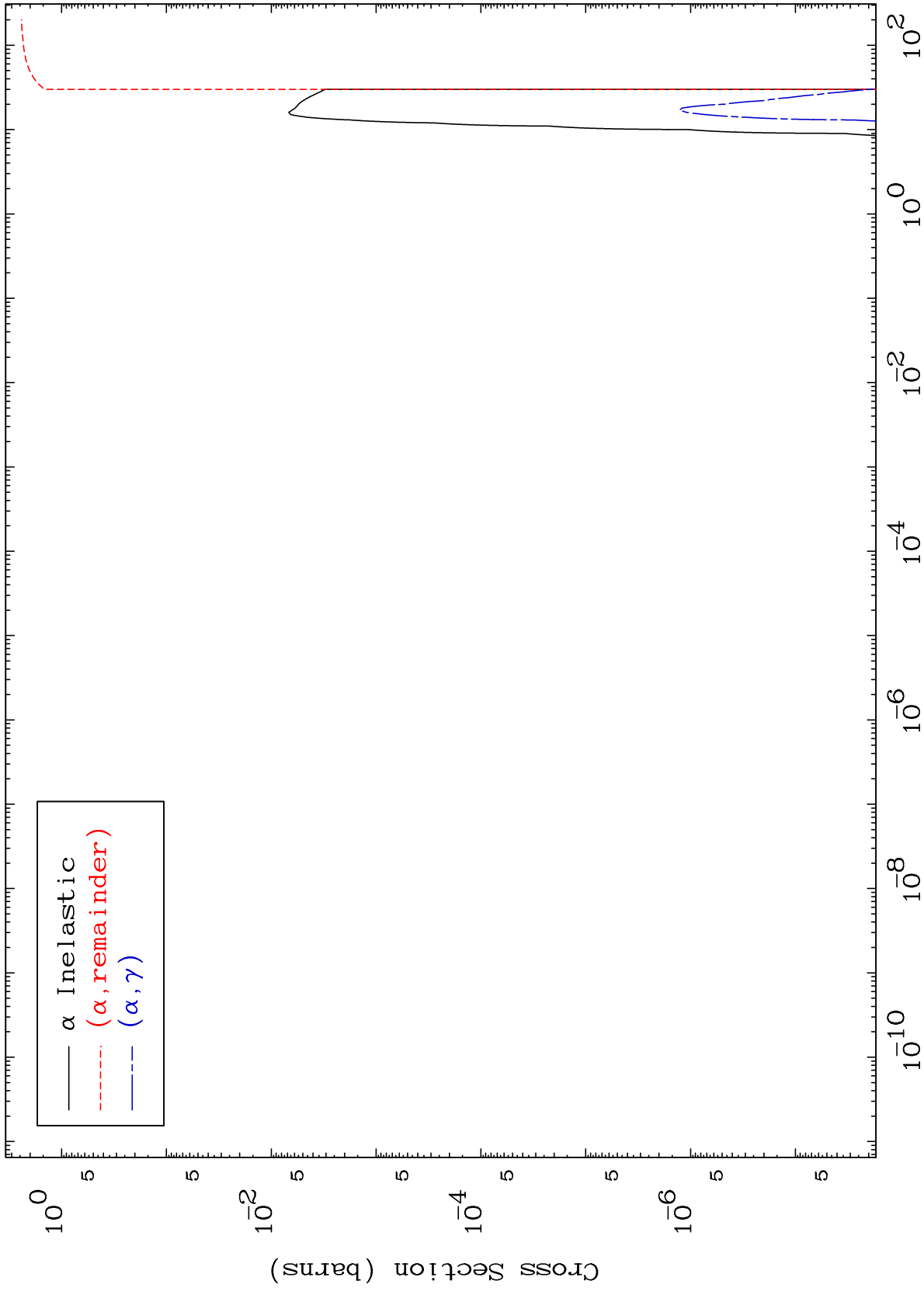
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5855

0 Kelvin α Major
Cross Sections

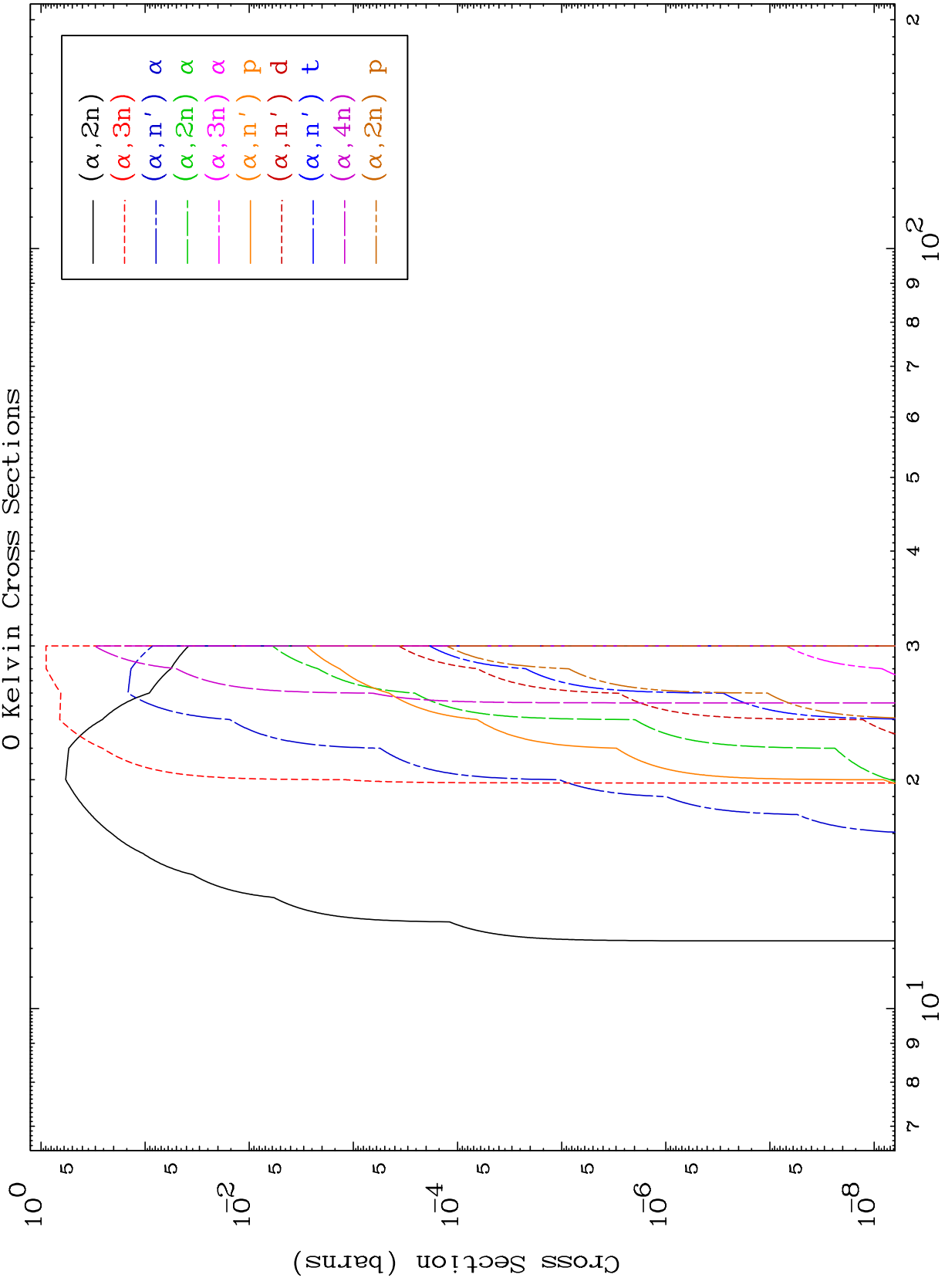
58-Ce-146



MAT 5855

α Neutron Production
0 Kelvin Cross Sections

58-Ce-146



2

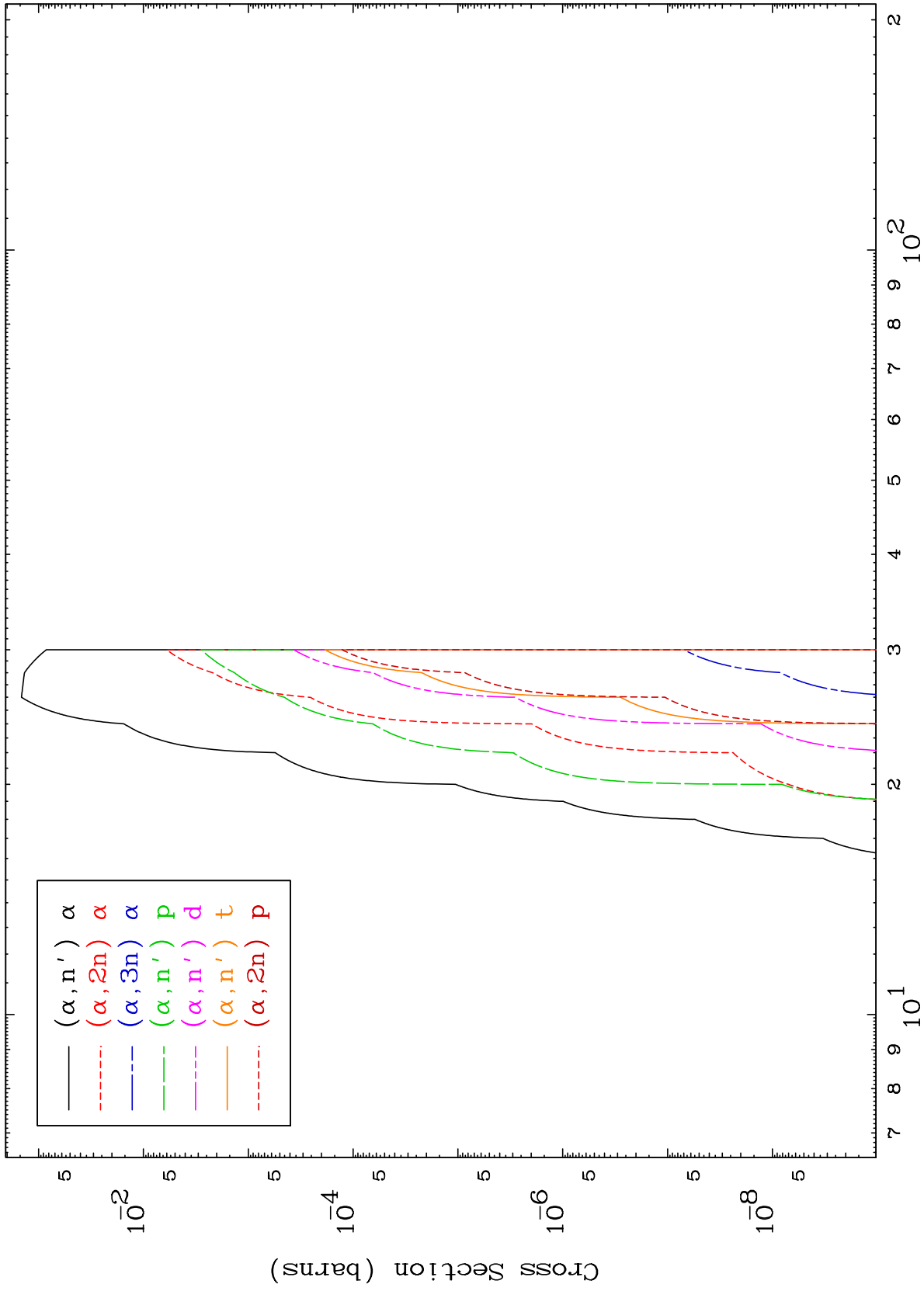
Incident Energy (MeV)

58-Ce-146

MAT 5855

α Charged Particle
0 Kelvin Cross Sections

58-Ce-146



3

Incident Energy (MeV)

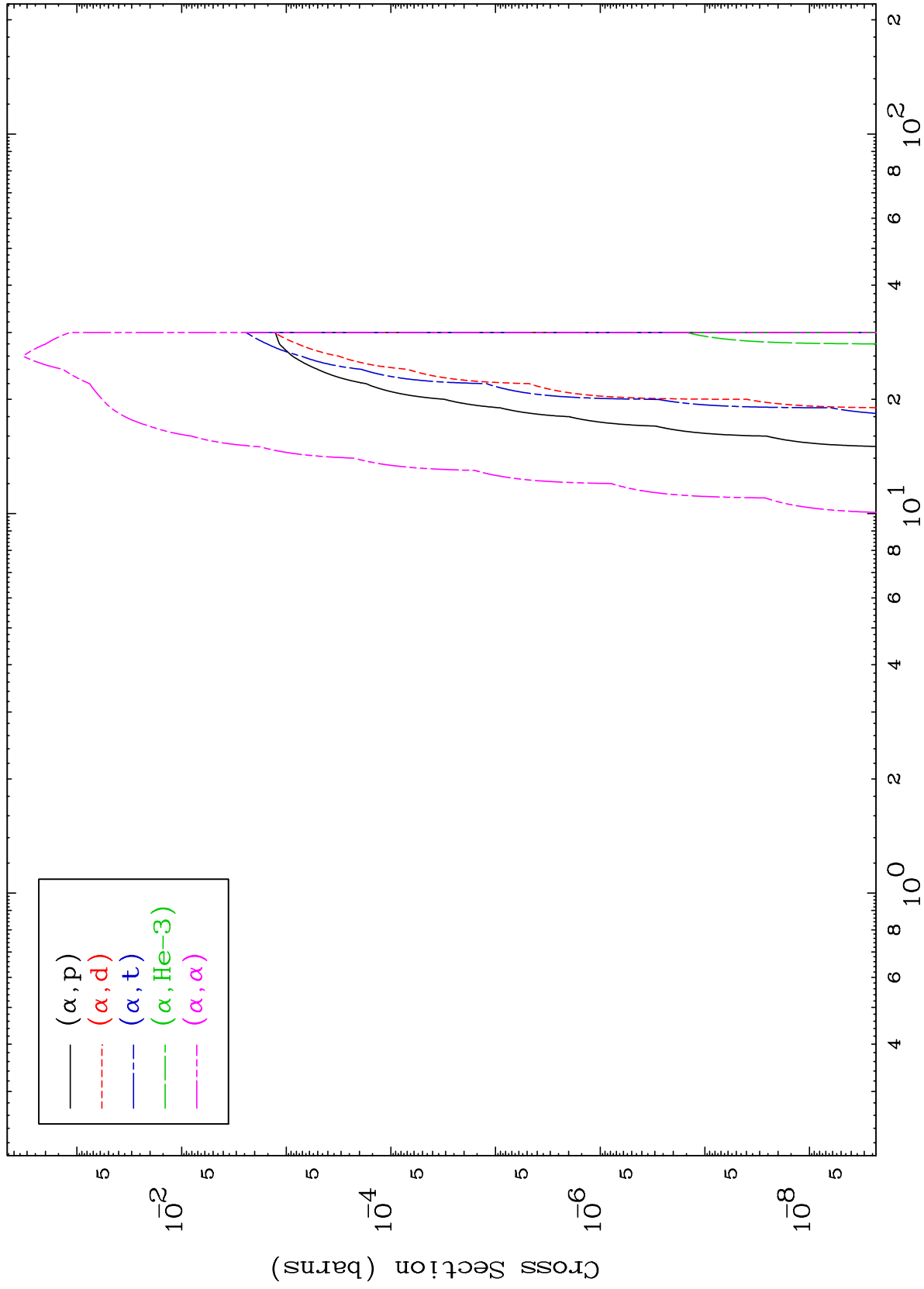
58-Ce-146

MAT 5855

α Charged Particle

58-Ce-146

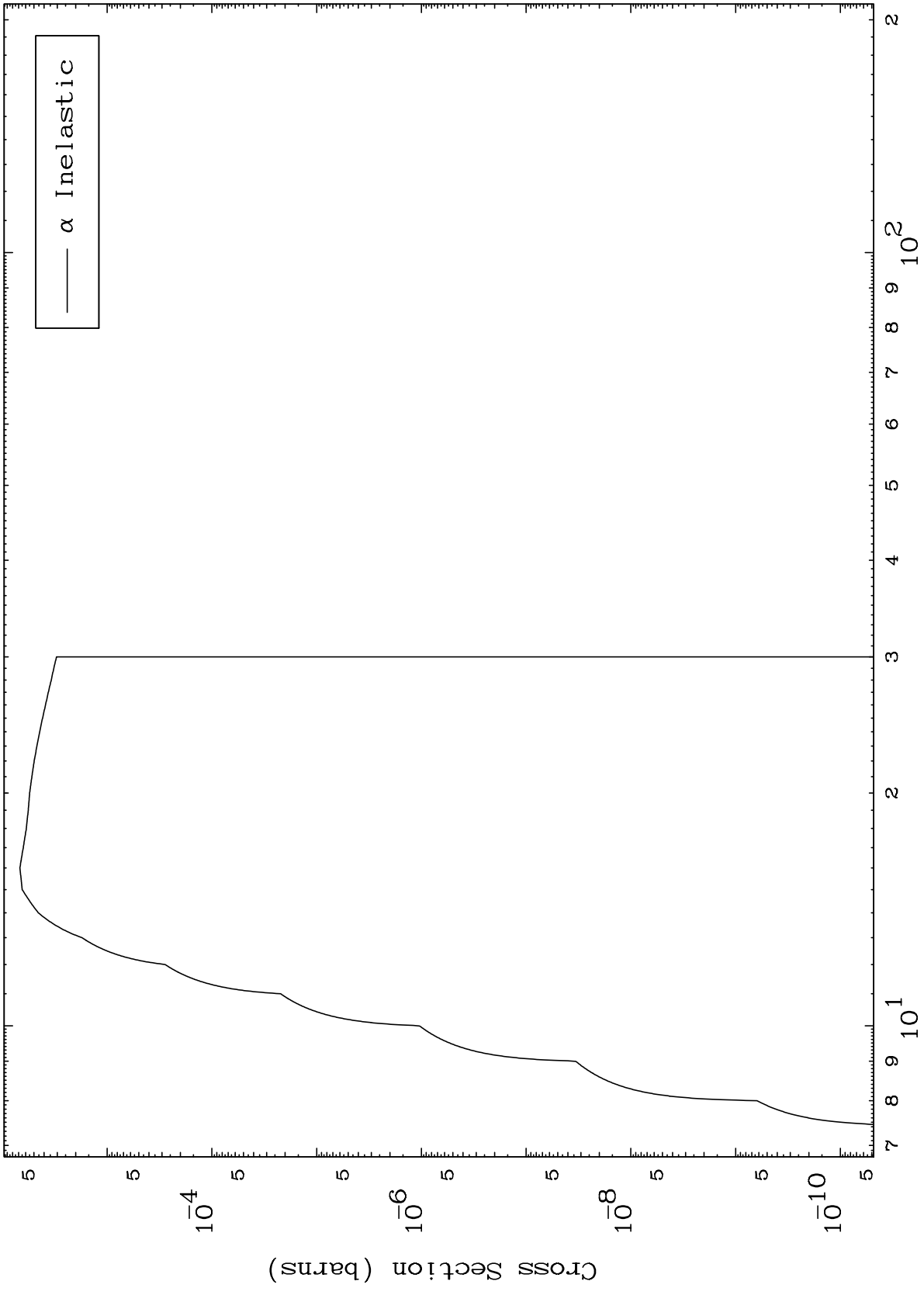
0 Kelvin Cross Sections



MAT 5855

(α, n') Level
0 Kelvin Cross Sections

58-Ce-146



5

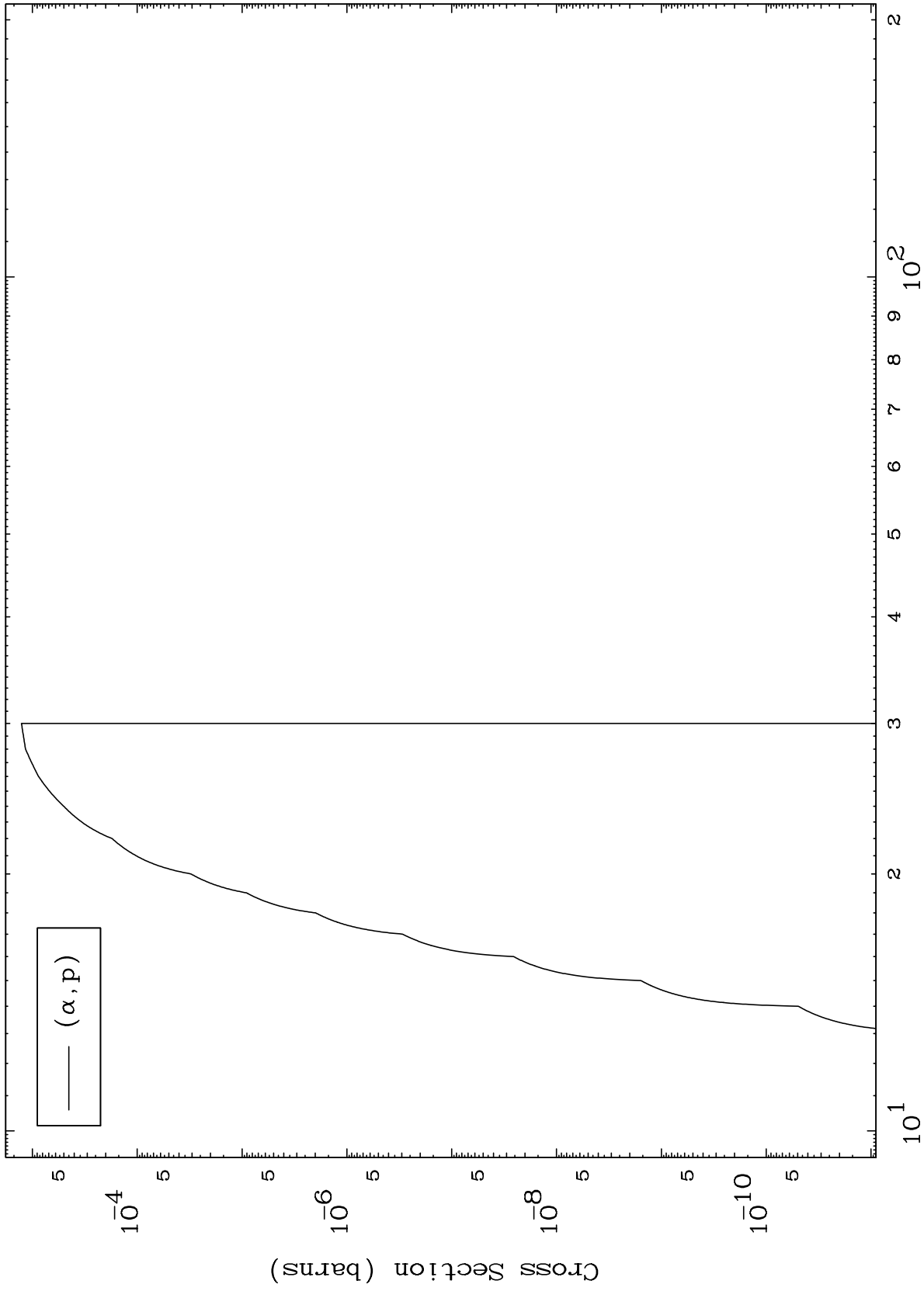
Incident Energy (MeV)

58-Ce-146

MAT 5855

(α, p) Levels
0 Kelvin Cross Sections

58-Ce-146



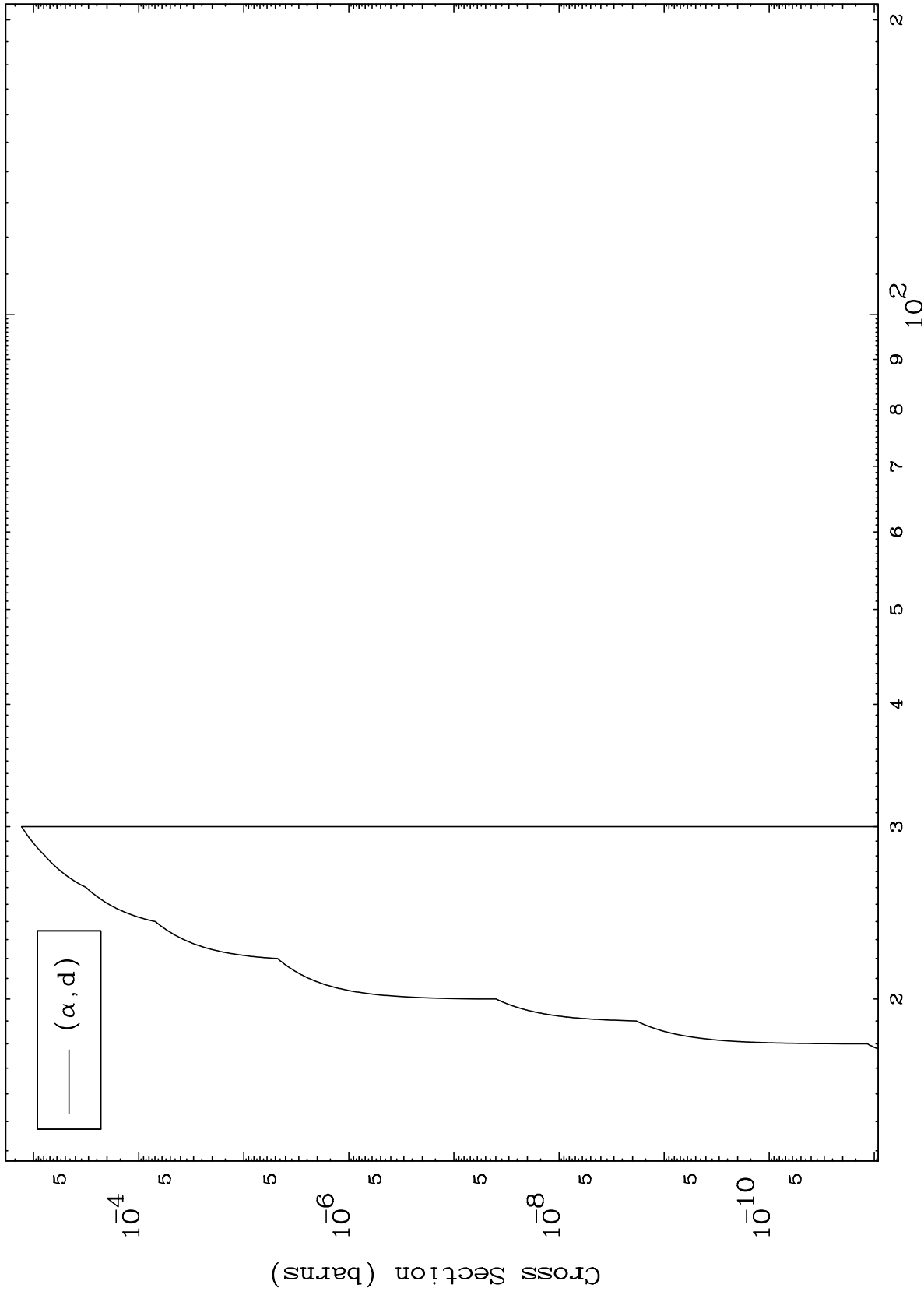
Incident Energy (MeV)

58-Ce-146

MAT 5855

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-146



7

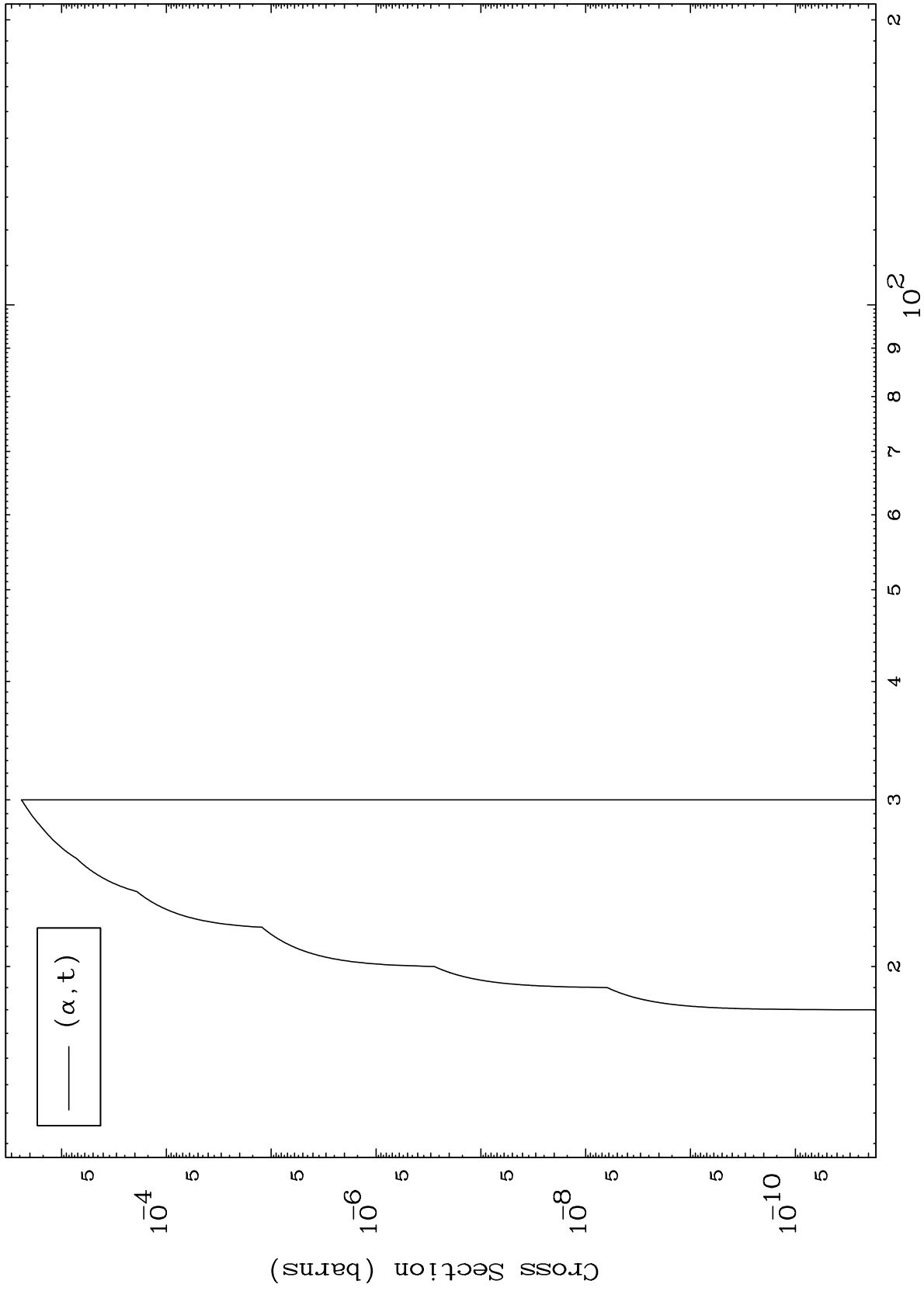
Incident Energy (MeV)

58-Ce-146

MAT 5855

(α, t) Levels
0 Kelvin Cross Sections

58-Ce-146



8

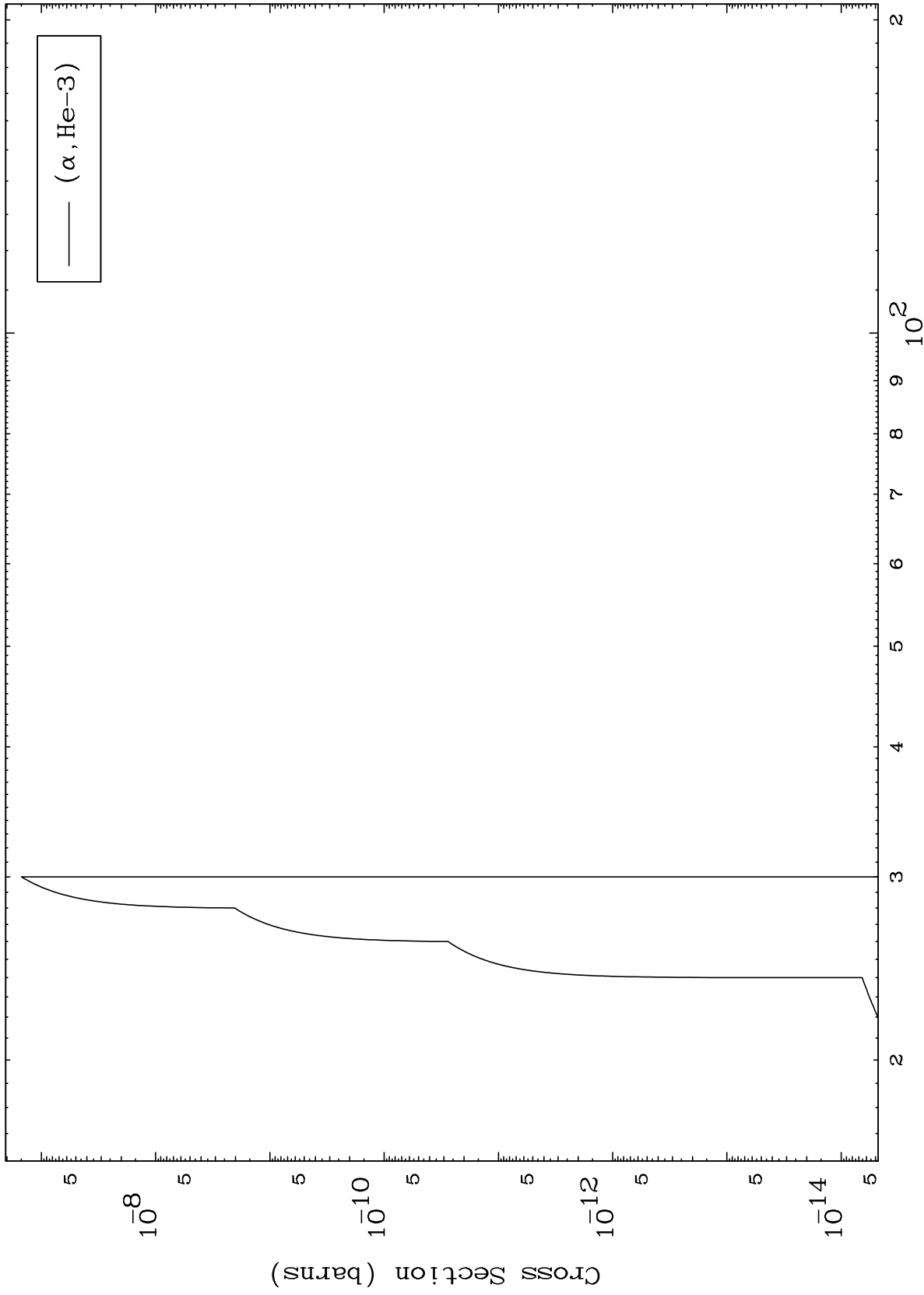
Incident Energy (MeV)

58-Ce-146

MAT 5855

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

58-Ce-146



9

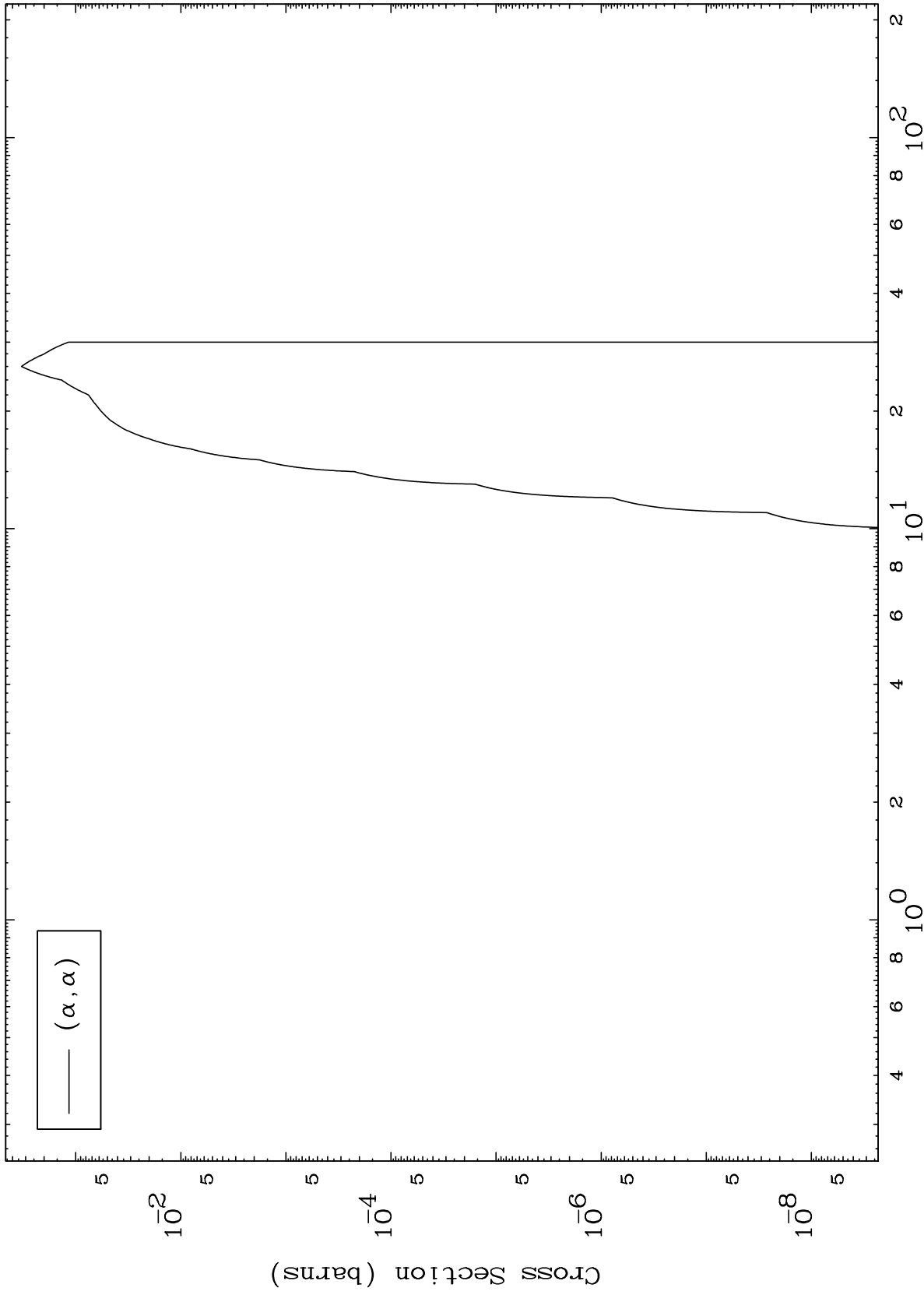
Incident Energy (MeV)

58-Ce-146

MAT 5855

(α, α) Levels
0 Kelvin Cross Sections

58-Ce-146



10

Incident Energy (MeV)

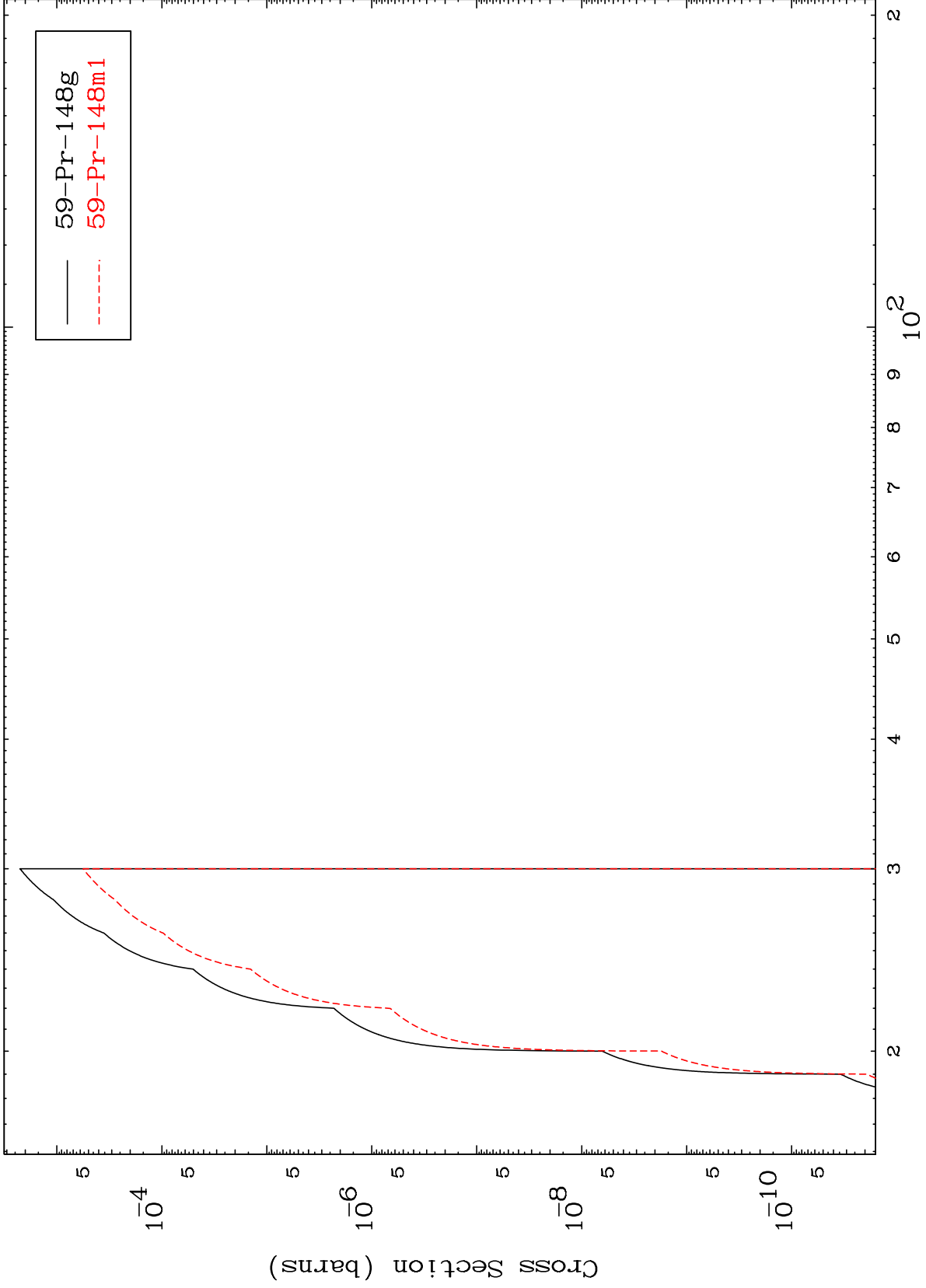
58-Ce-146

MAT 5855

(α, n') p

58-Ce-146

Radionuclide Production Cross Section



11

Incident Energy (MeV)

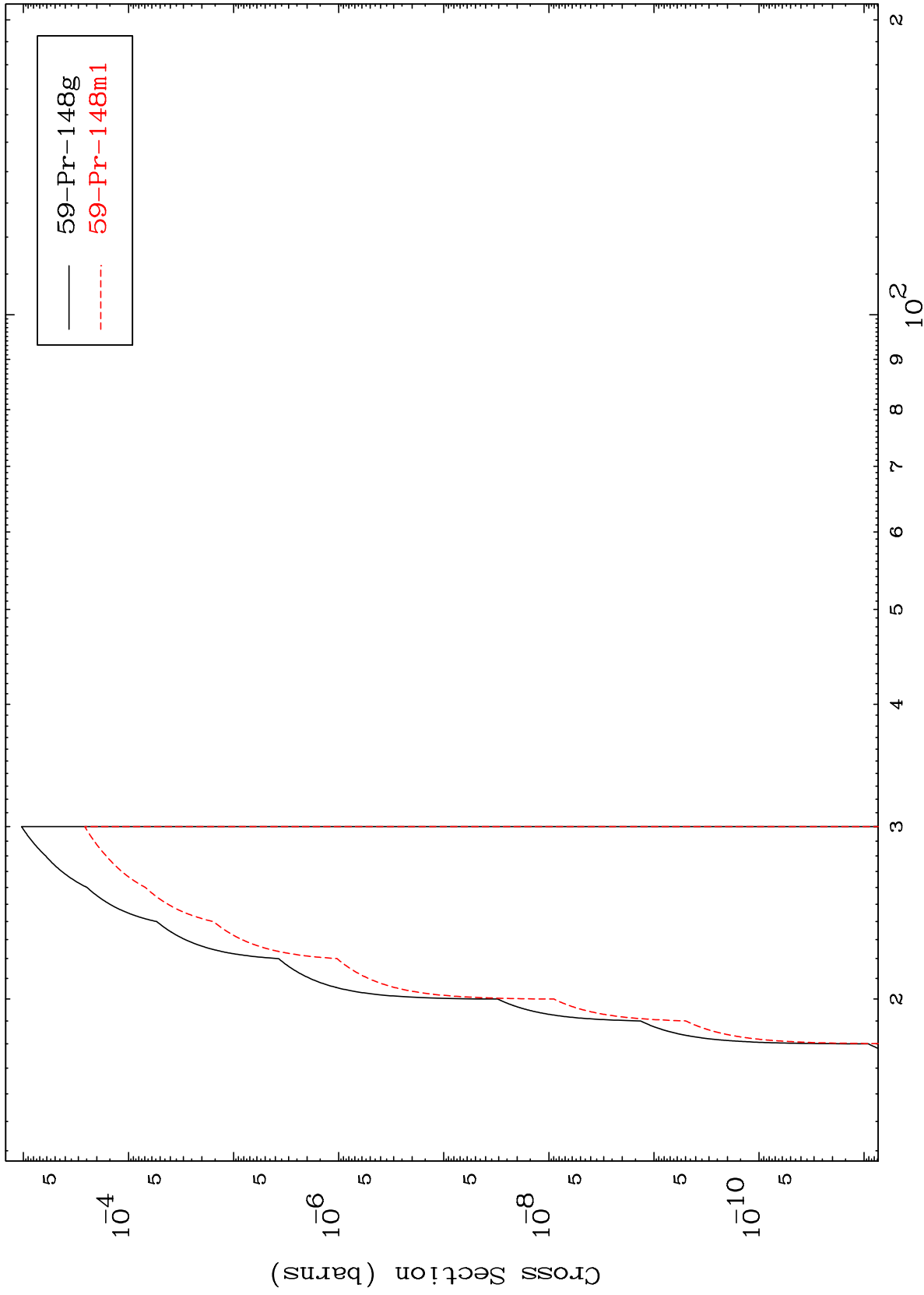
58-Ce-146

MAT 5855

(α, d)

58-Ce-146

Radionuclide Production Cross Section



12

Incident Energy (MeV)

58-Ce-146