

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

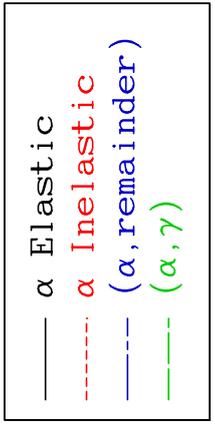
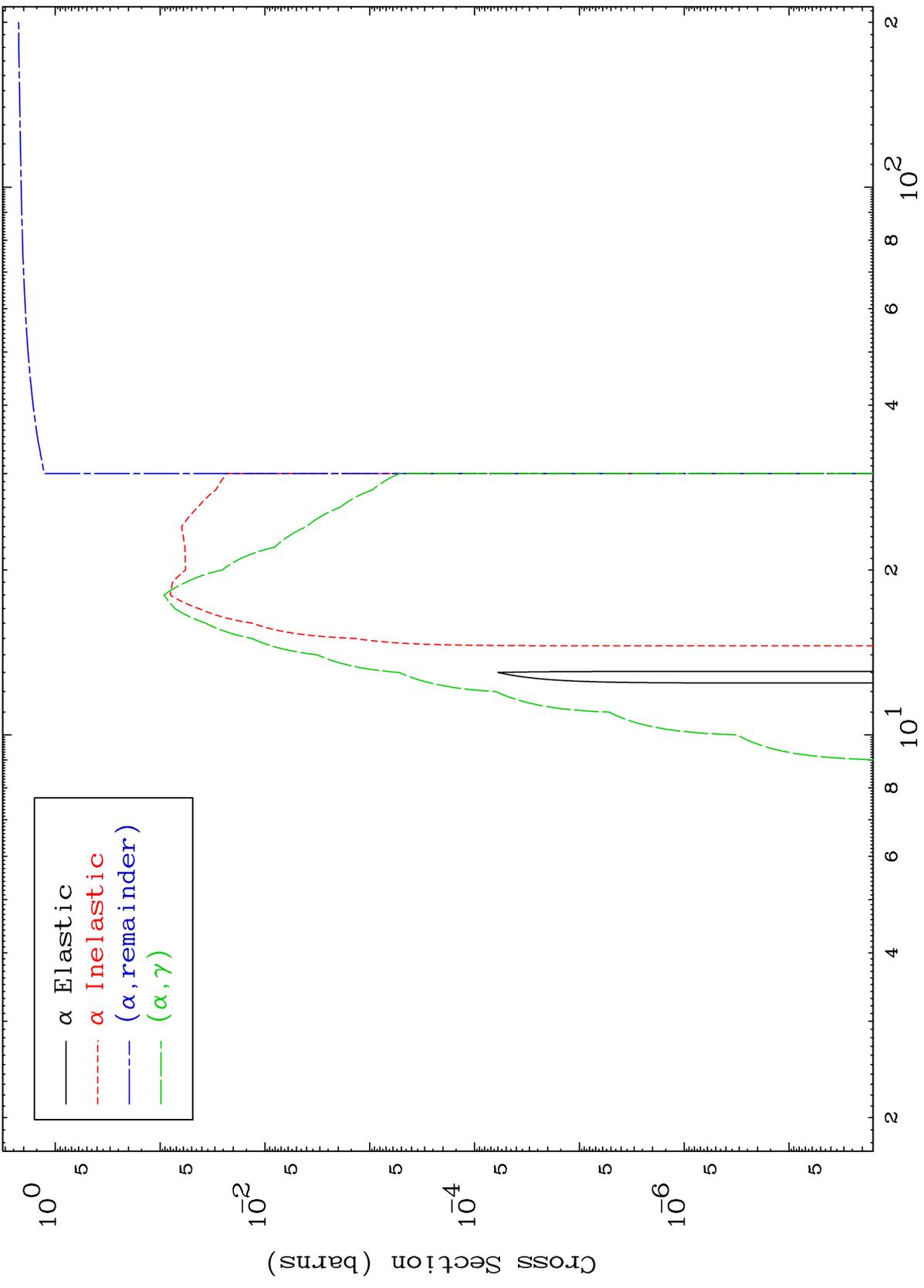
Press Mouse Button to Start

MAT 5795

α Major

58-Ce-126

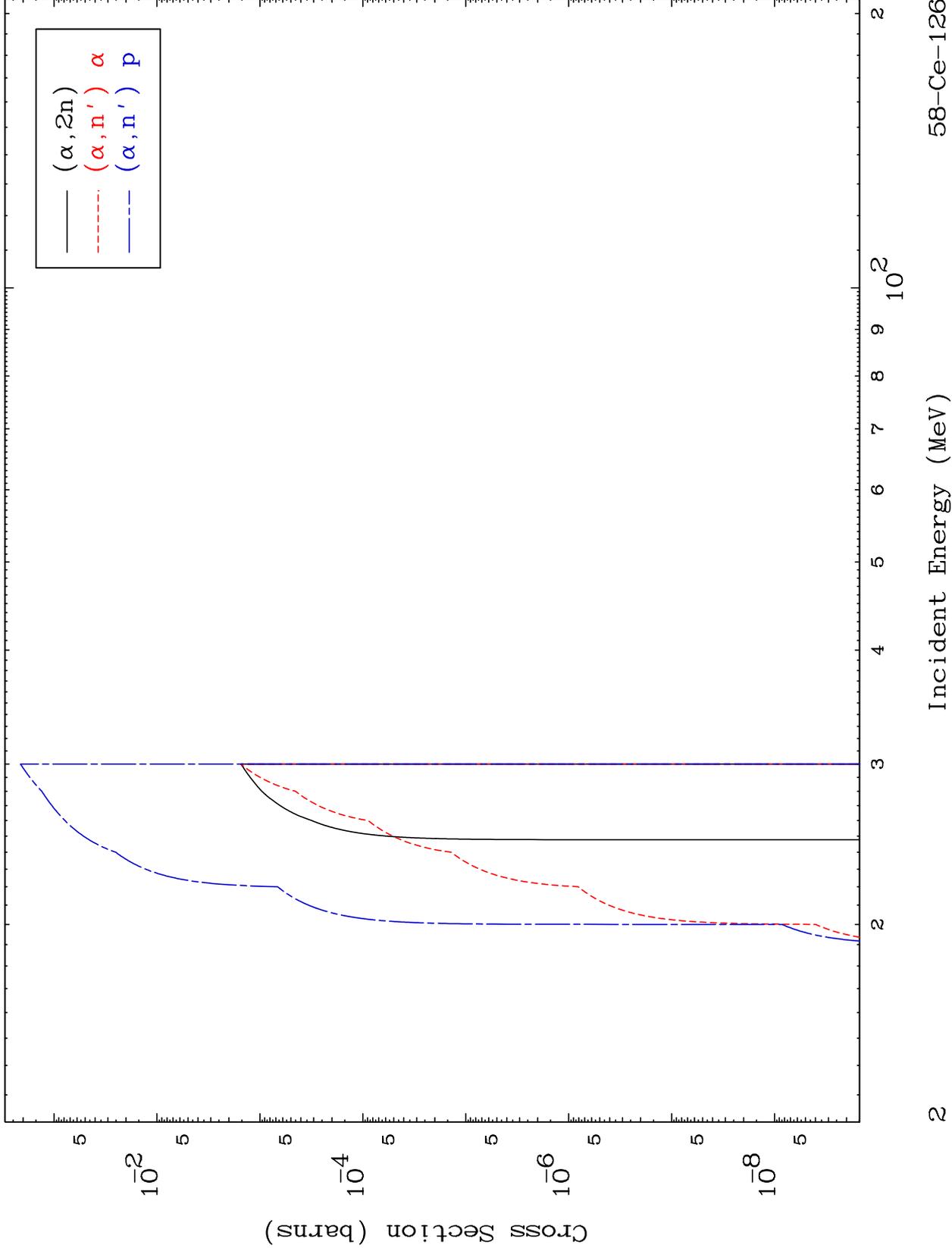
0 Kelvin Cross Sections



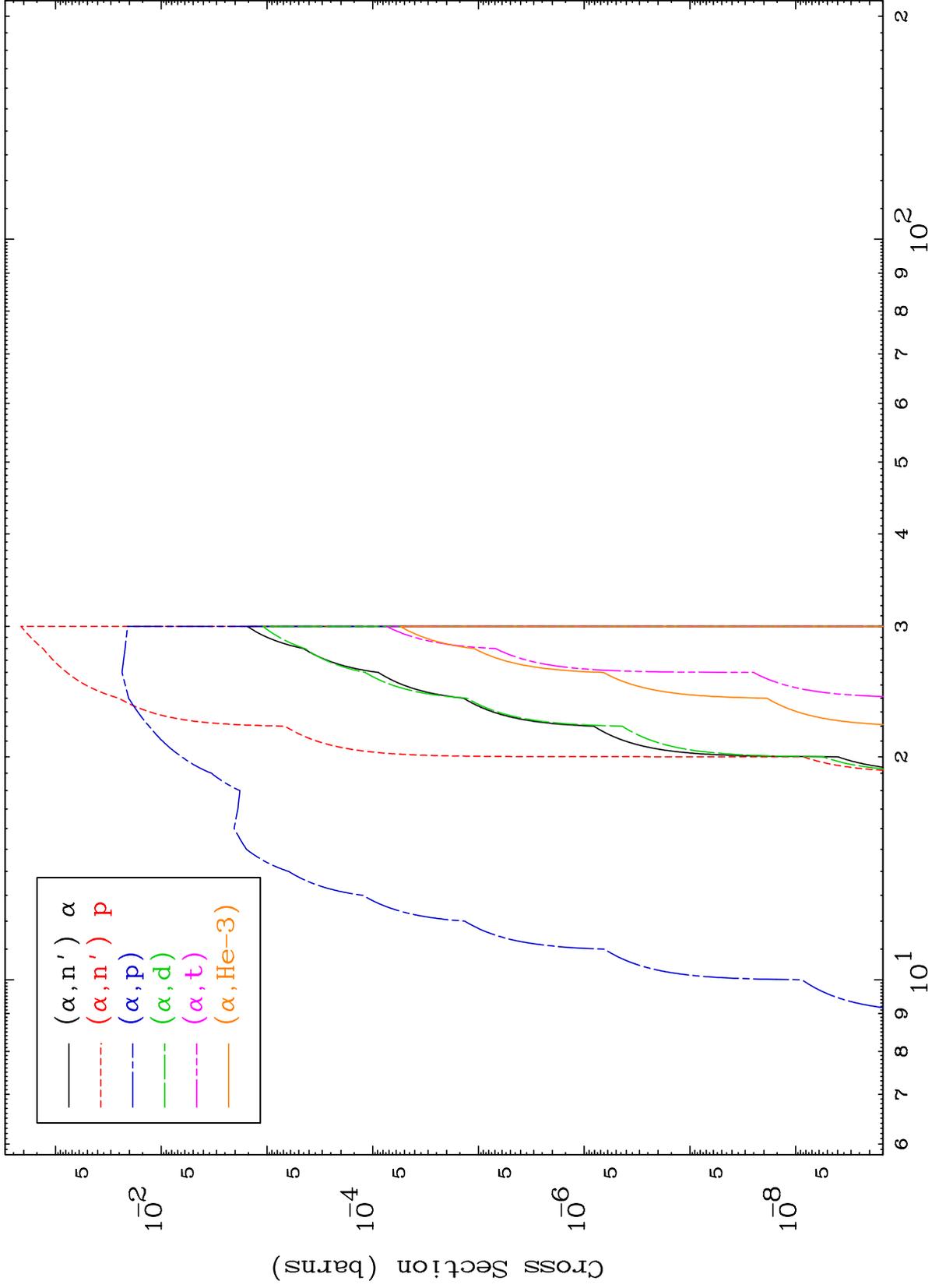
1

Incident Energy (MeV)

58-Ce-126



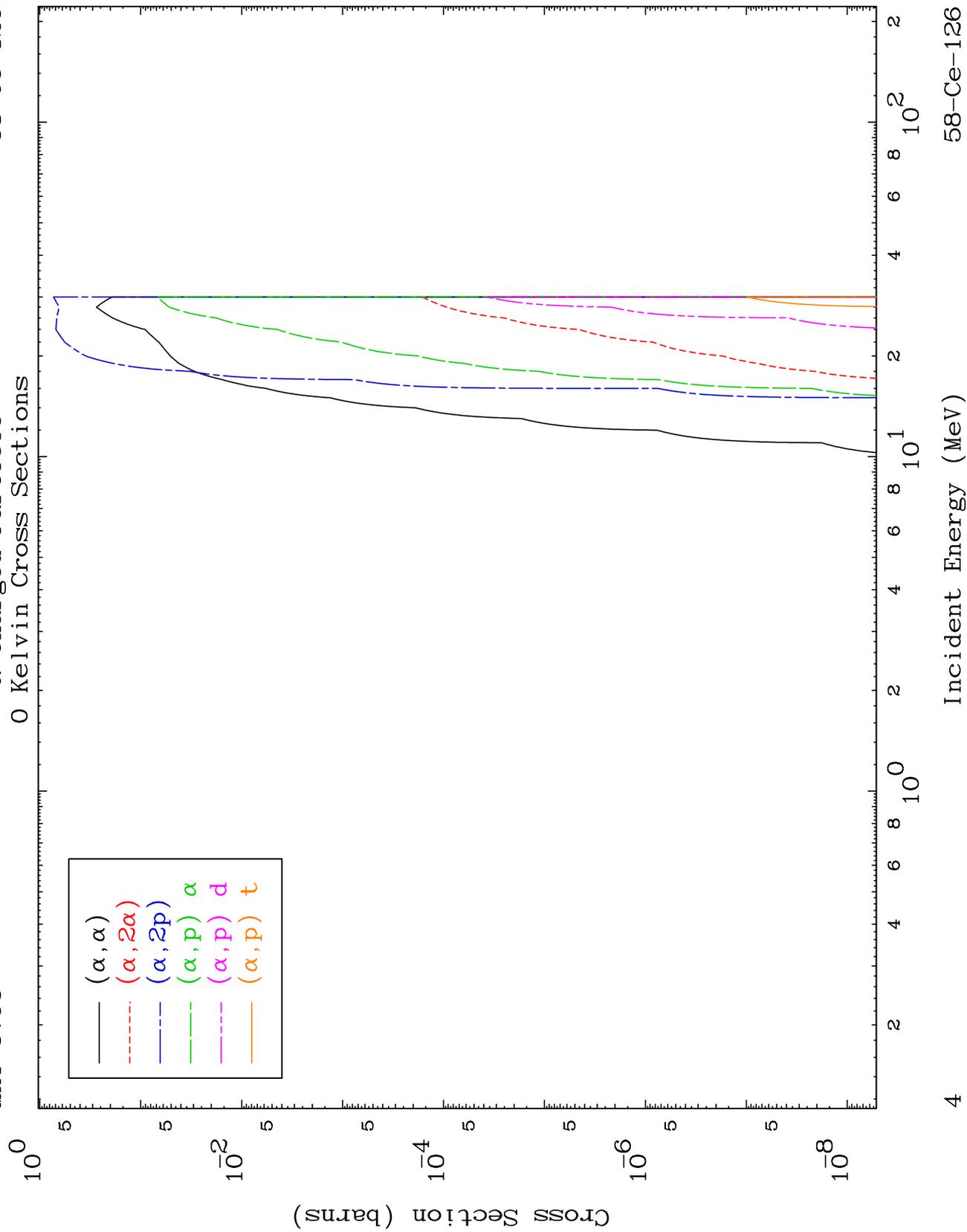
0 Kelvin Cross Sections



MAT 5795

α Charged Particle
0 Kelvin Cross Sections

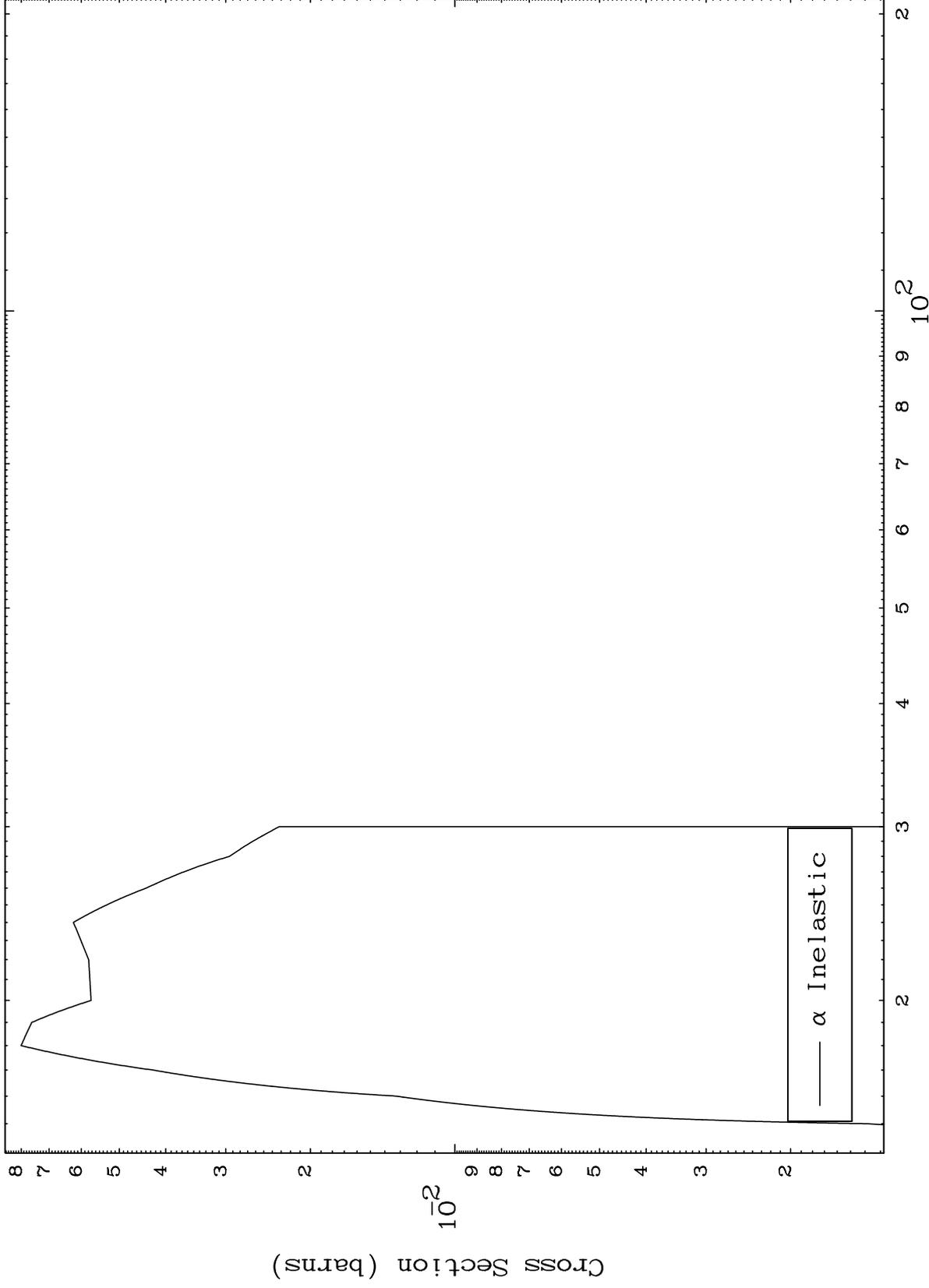
58-Ce-126



MAT 5795

(α, n') Level
0 Kelvin Cross Sections

58-Ce-126

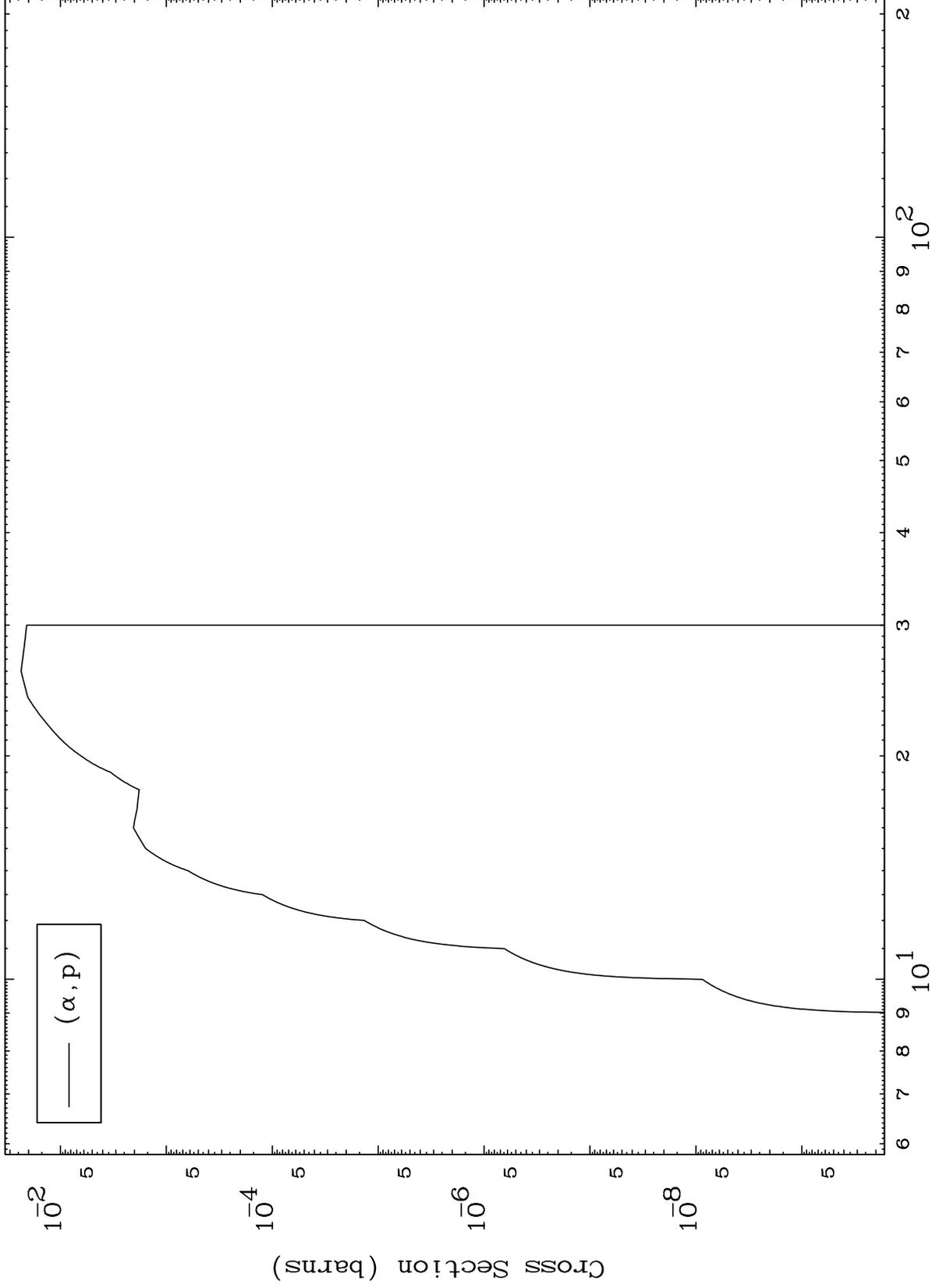


— α Inelastic

MAT 5795

(α, p) Levels
0 Kelvin Cross Sections

58-Ce-126



6

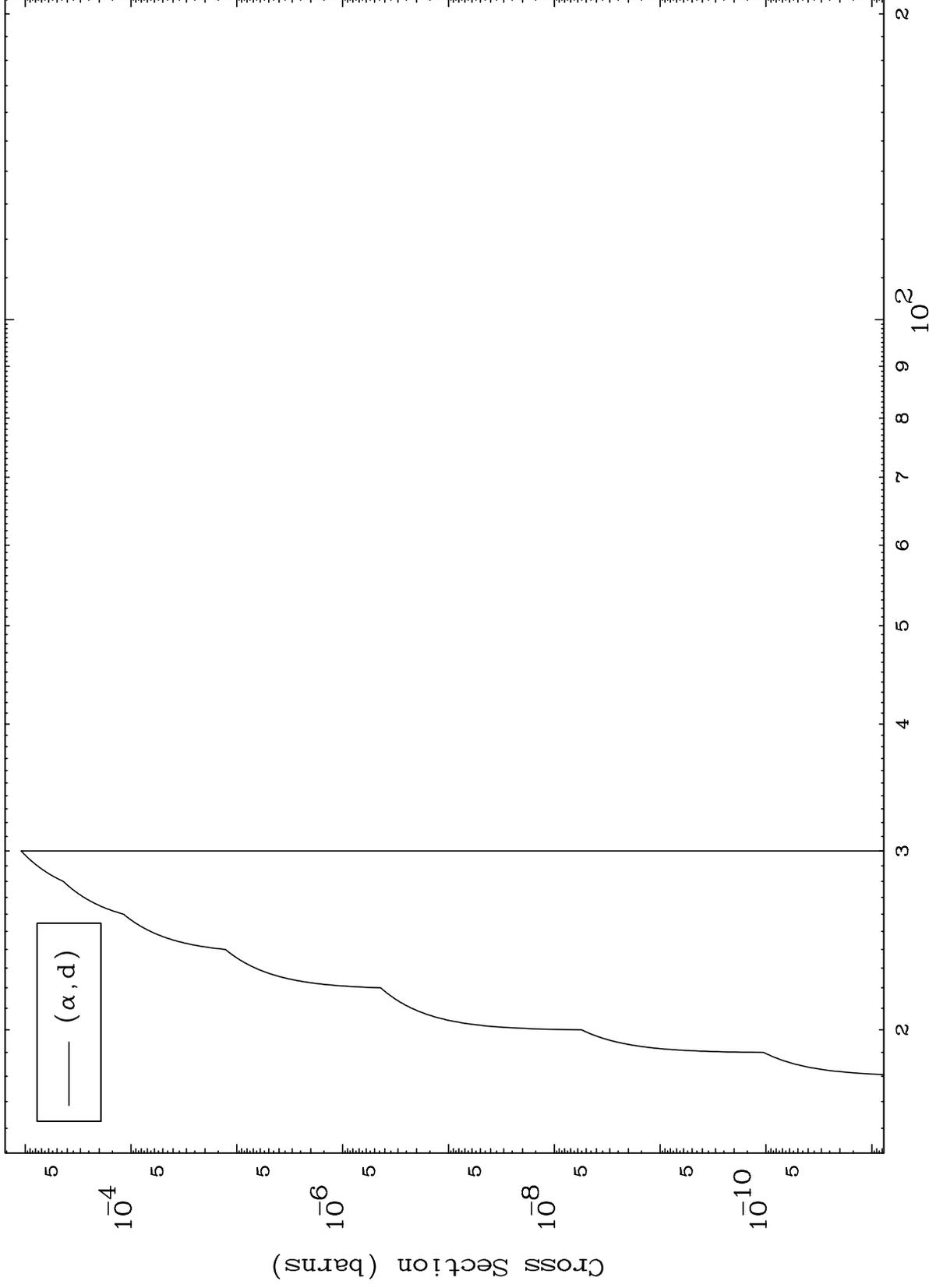
Incident Energy (MeV)

58-Ce-126

MAT 5795

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-126



7

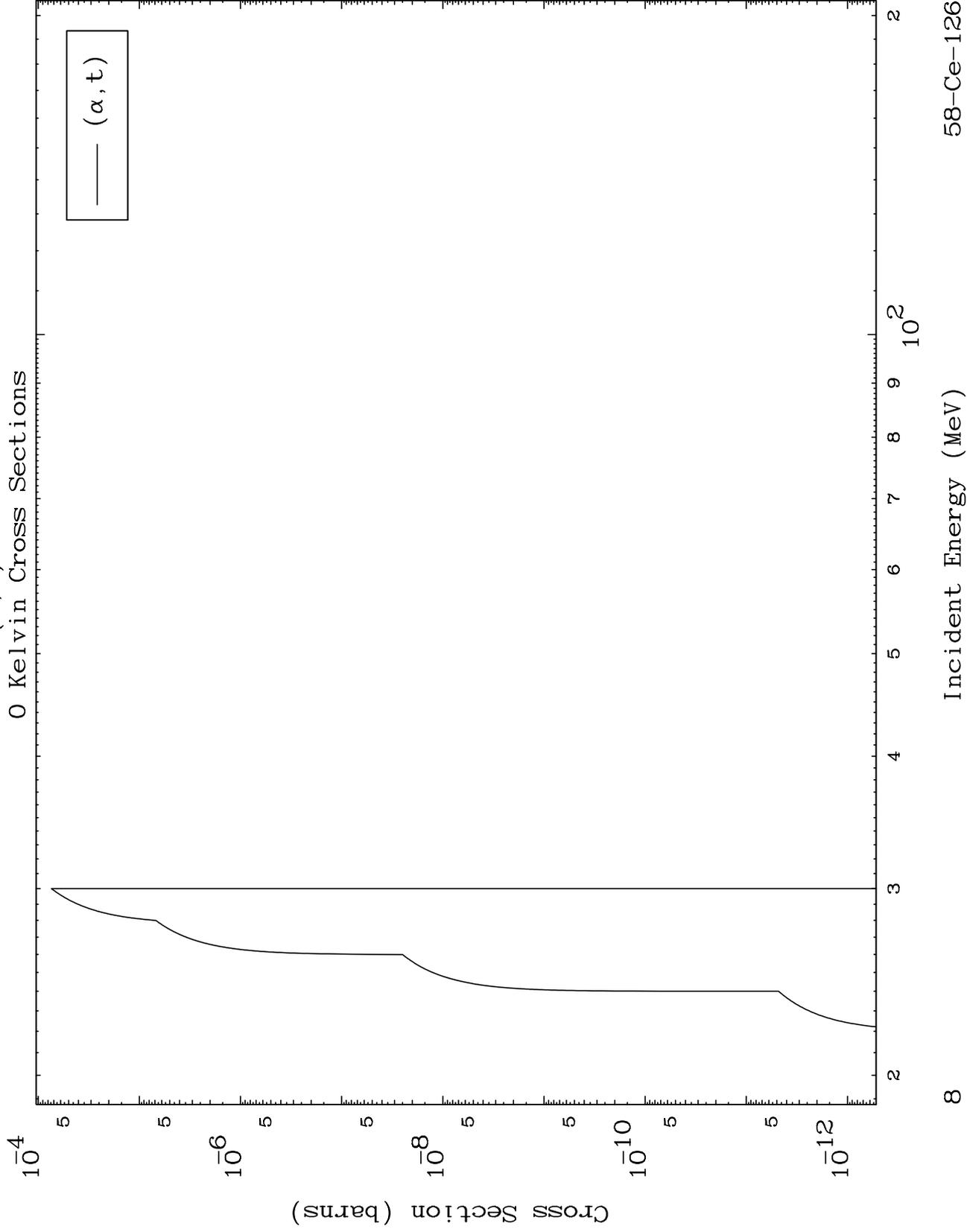
Incident Energy (MeV)

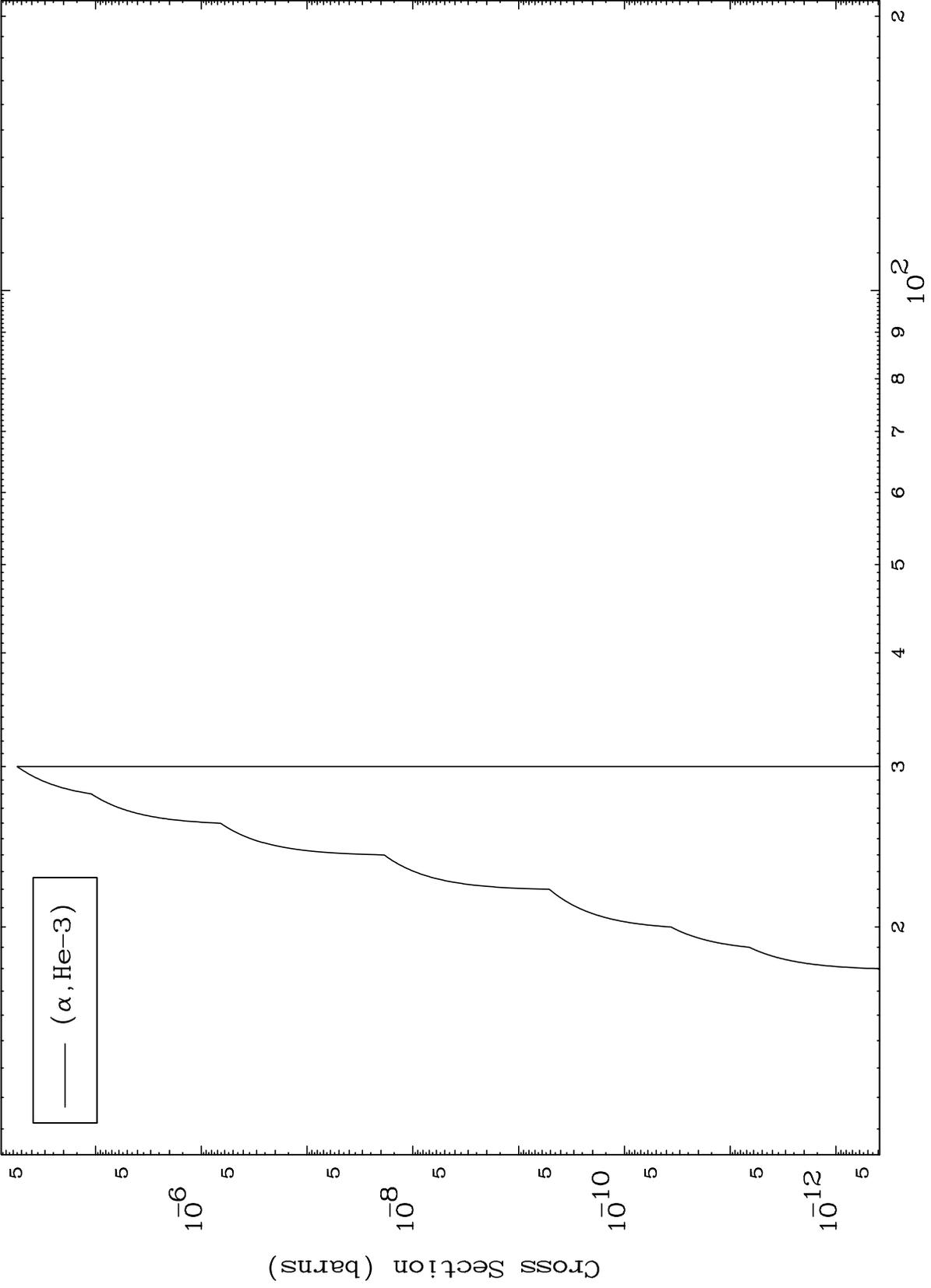
58-Ce-126

MAT 5795

(α, t) Levels

58-Ce-126



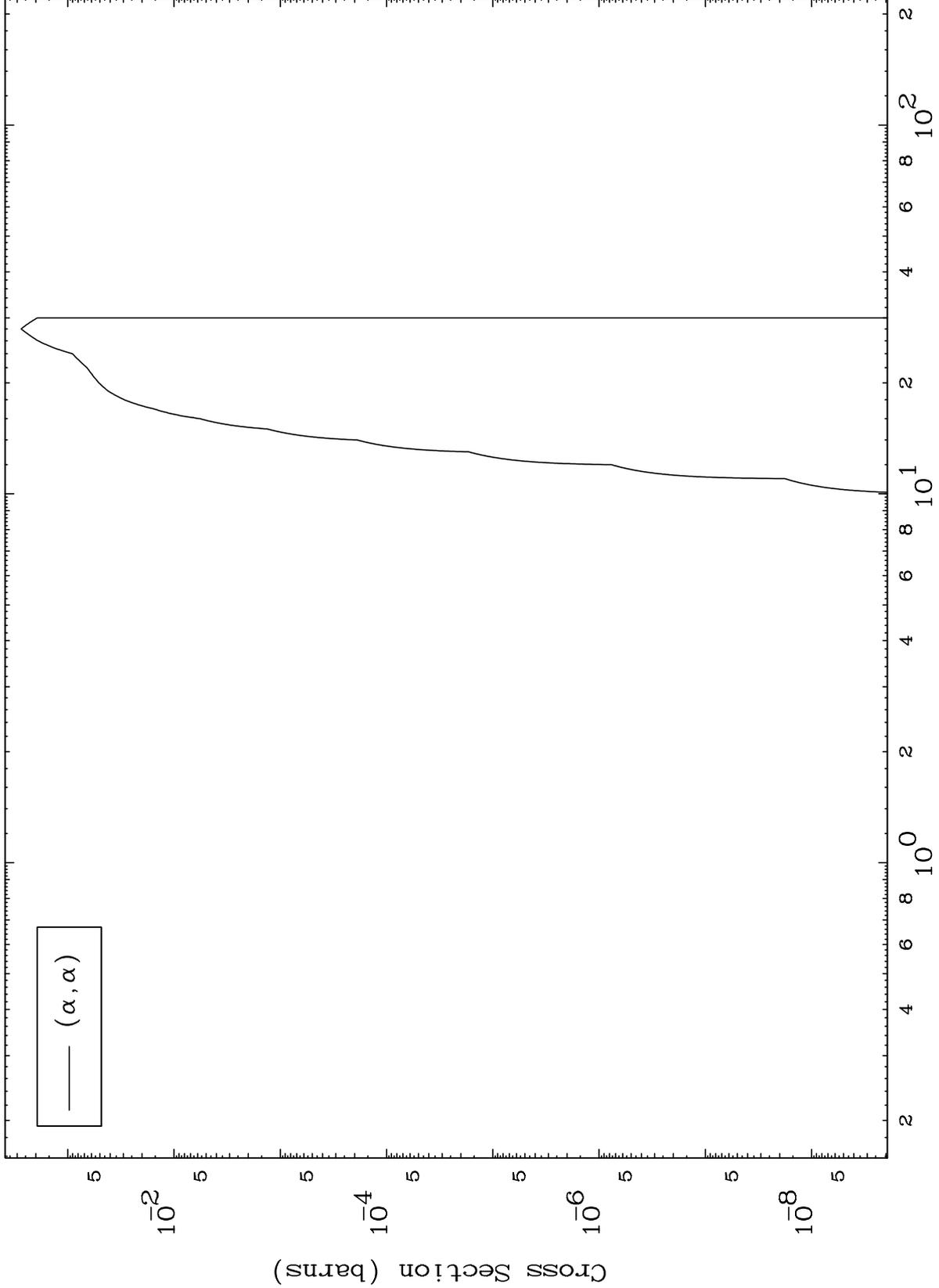


MAT 5795

(α, α) Levels

58-Ce-126

0 Kelvin Cross Sections



(α, α)

10

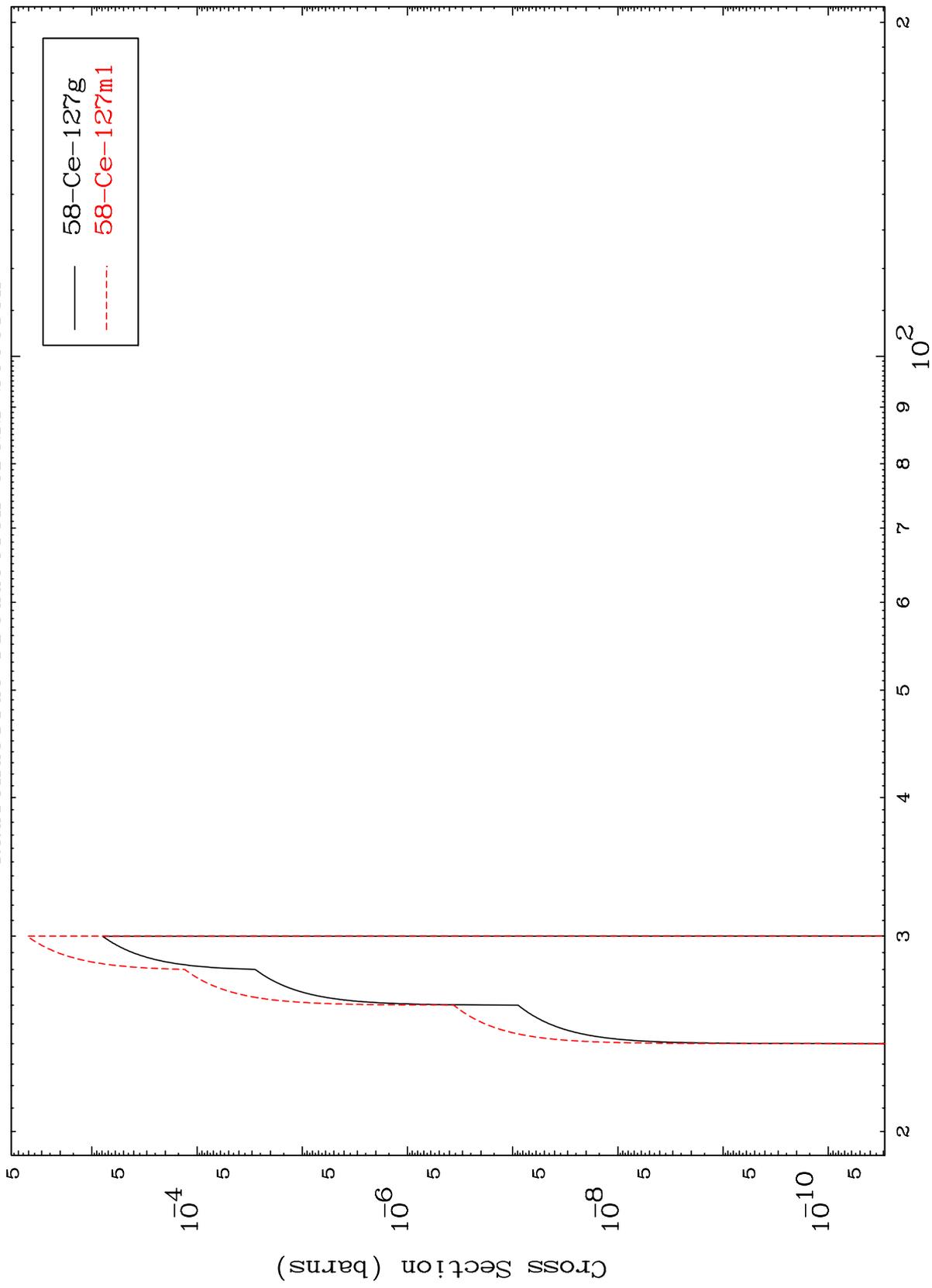
Incident Energy (MeV)

58-Ce-126

MAT 5795

58-Ce-126

$(\alpha, 2n)$ p
Radionuclide Production Cross Section



11

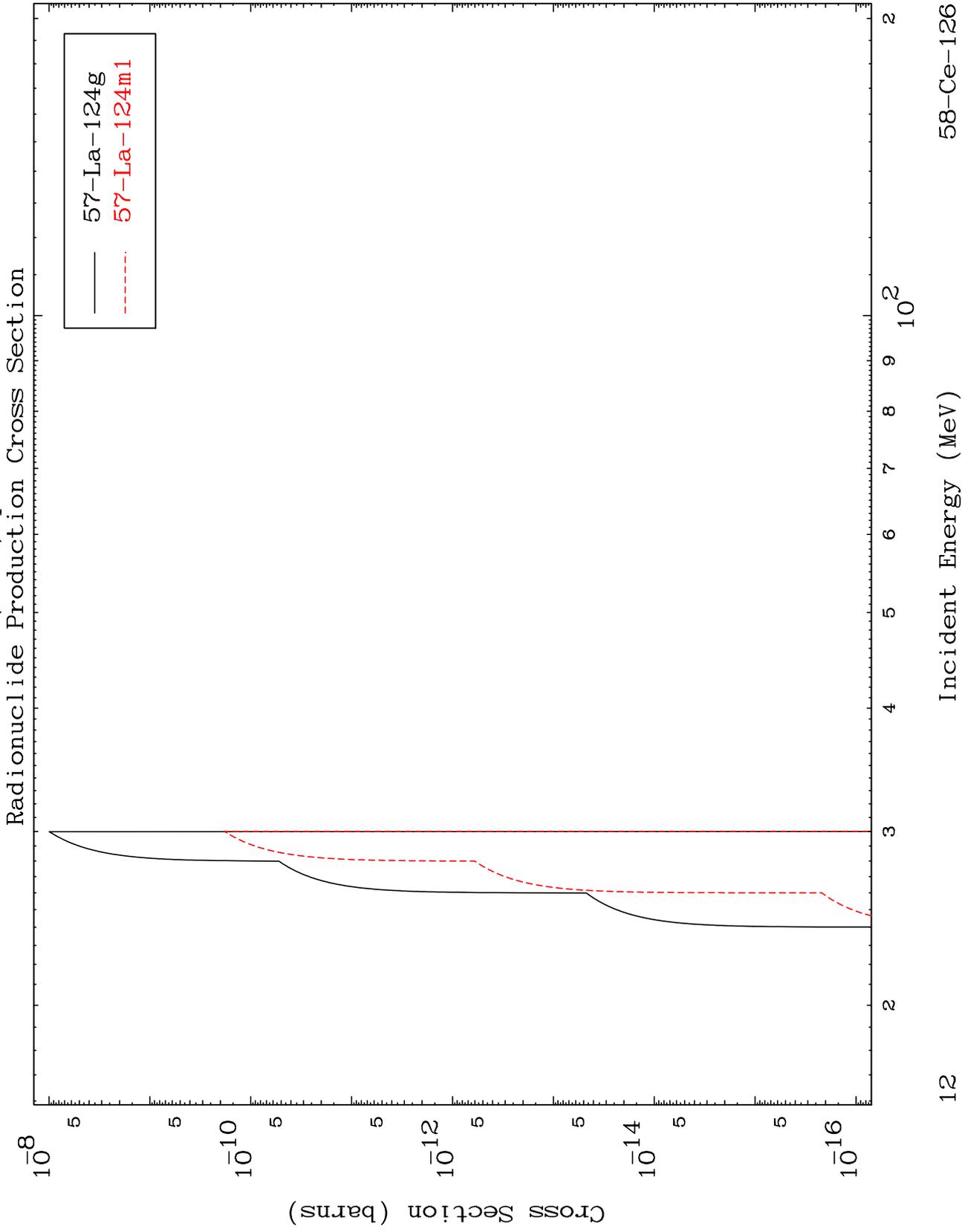
Incident Energy (MeV)

58-Ce-126

MAT 5795

(α, n') p α

58-Ce-126



12

Incident Energy (MeV)

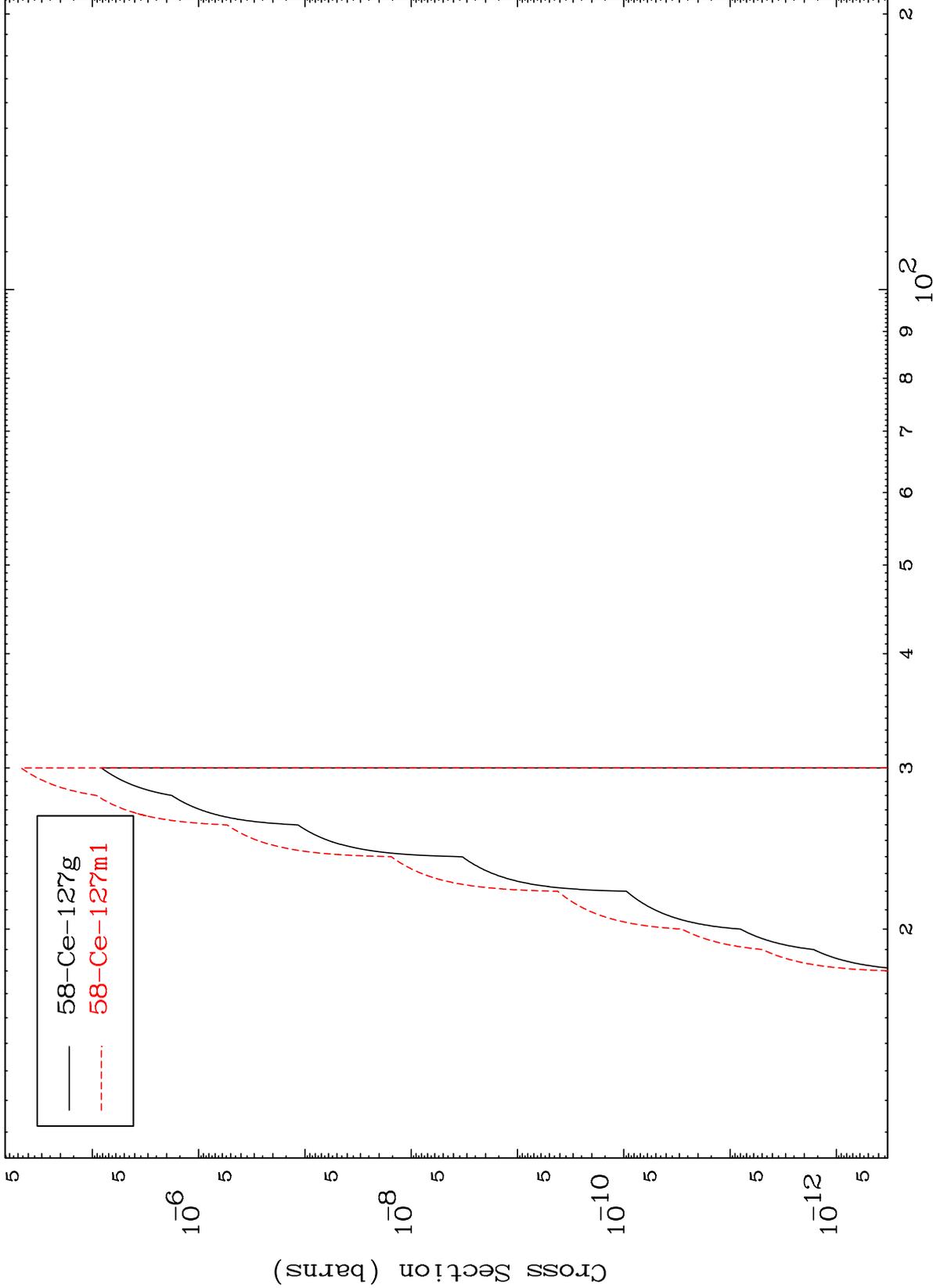
58-Ce-126

MAT 5795

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

58-Ce-126

Radionuclide Production Cross Section

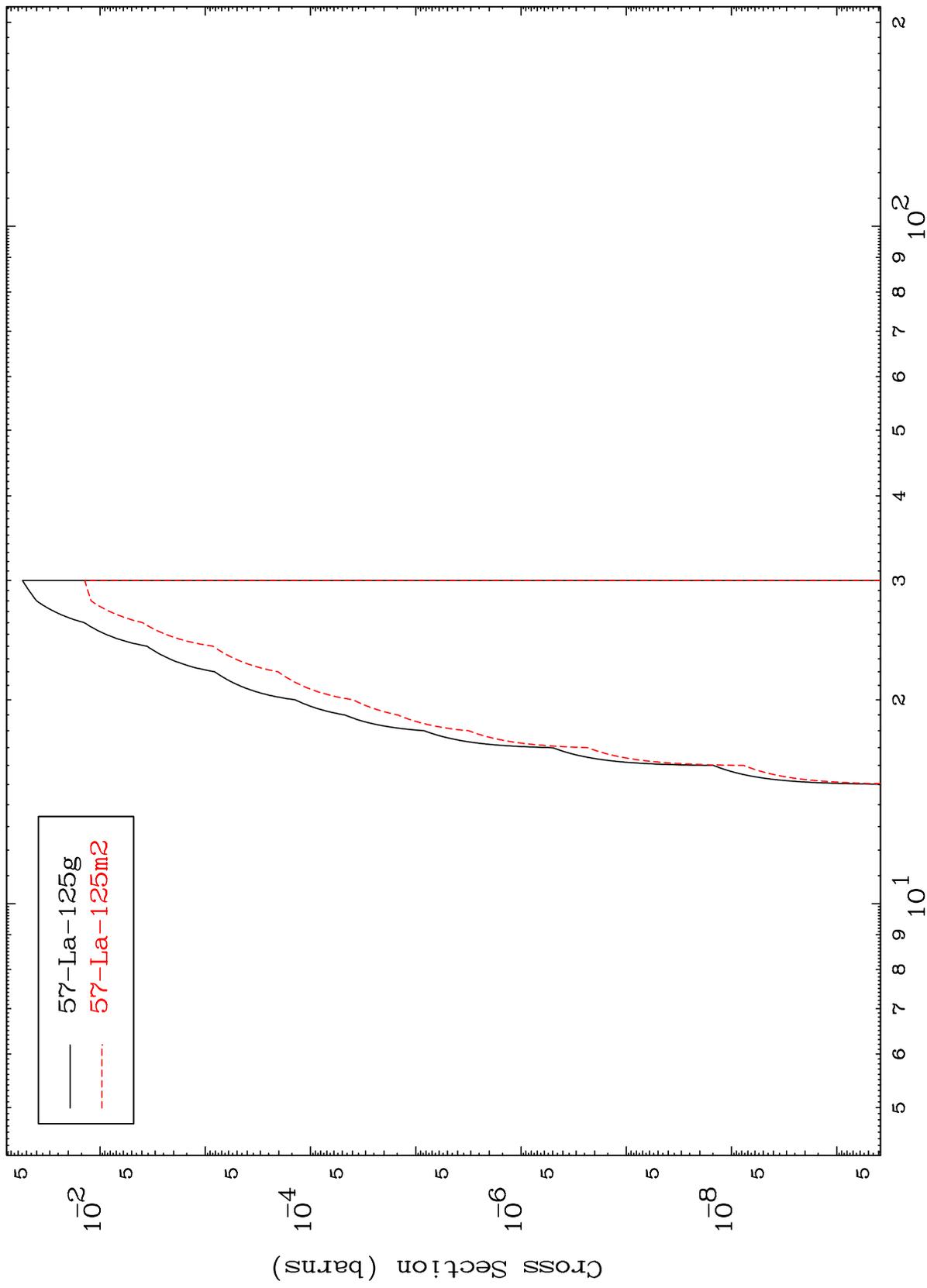


MAT 5795

(α, p) α

58-Ce-126

Radionuclide Production Cross Section



14

Incident Energy (MeV)

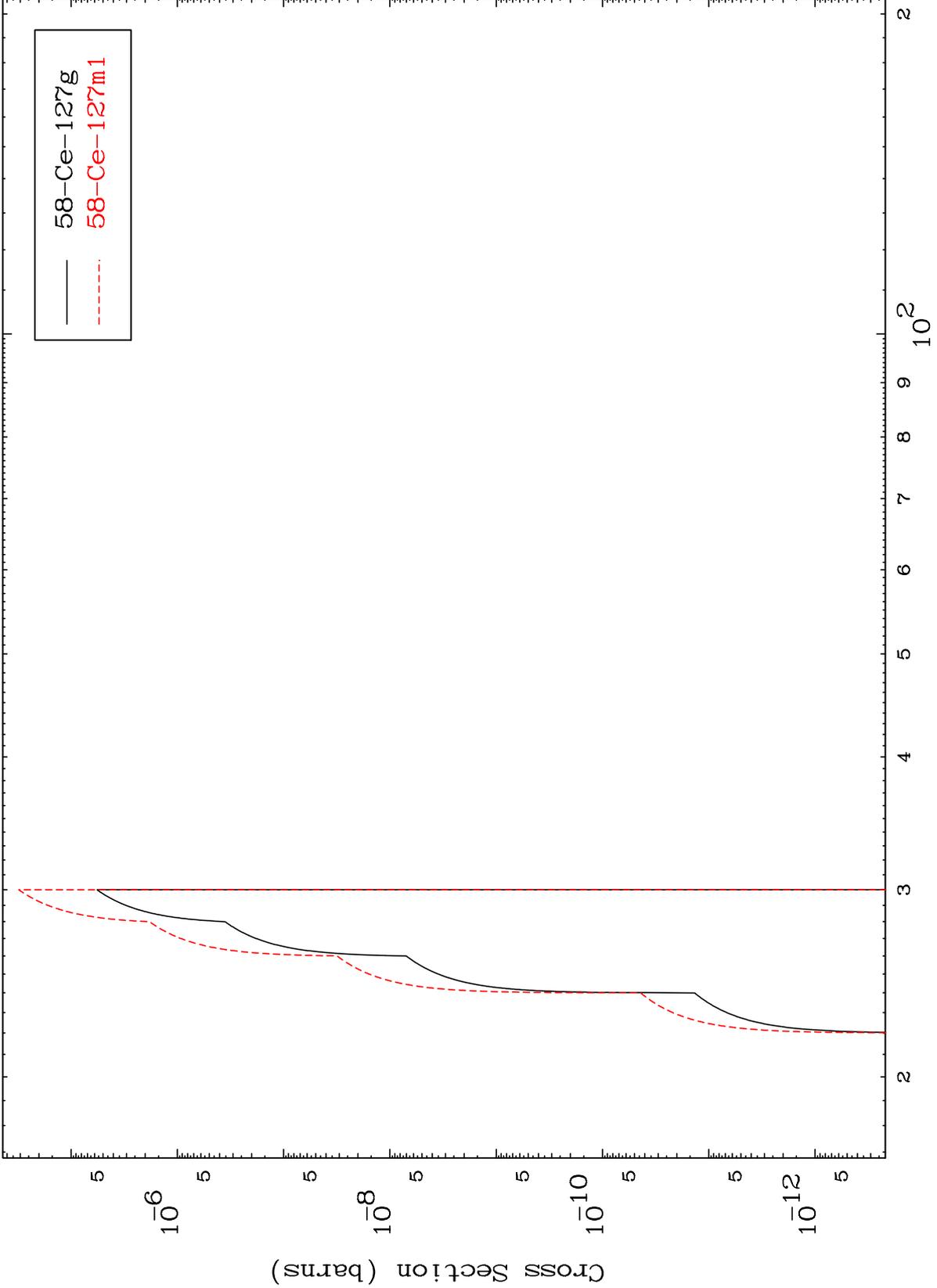
58-Ce-126

MAT 5795

(α, p) d

58-Ce-126

Radionuclide Production Cross Section



15

Incident Energy (MeV)

58-Ce-126