

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

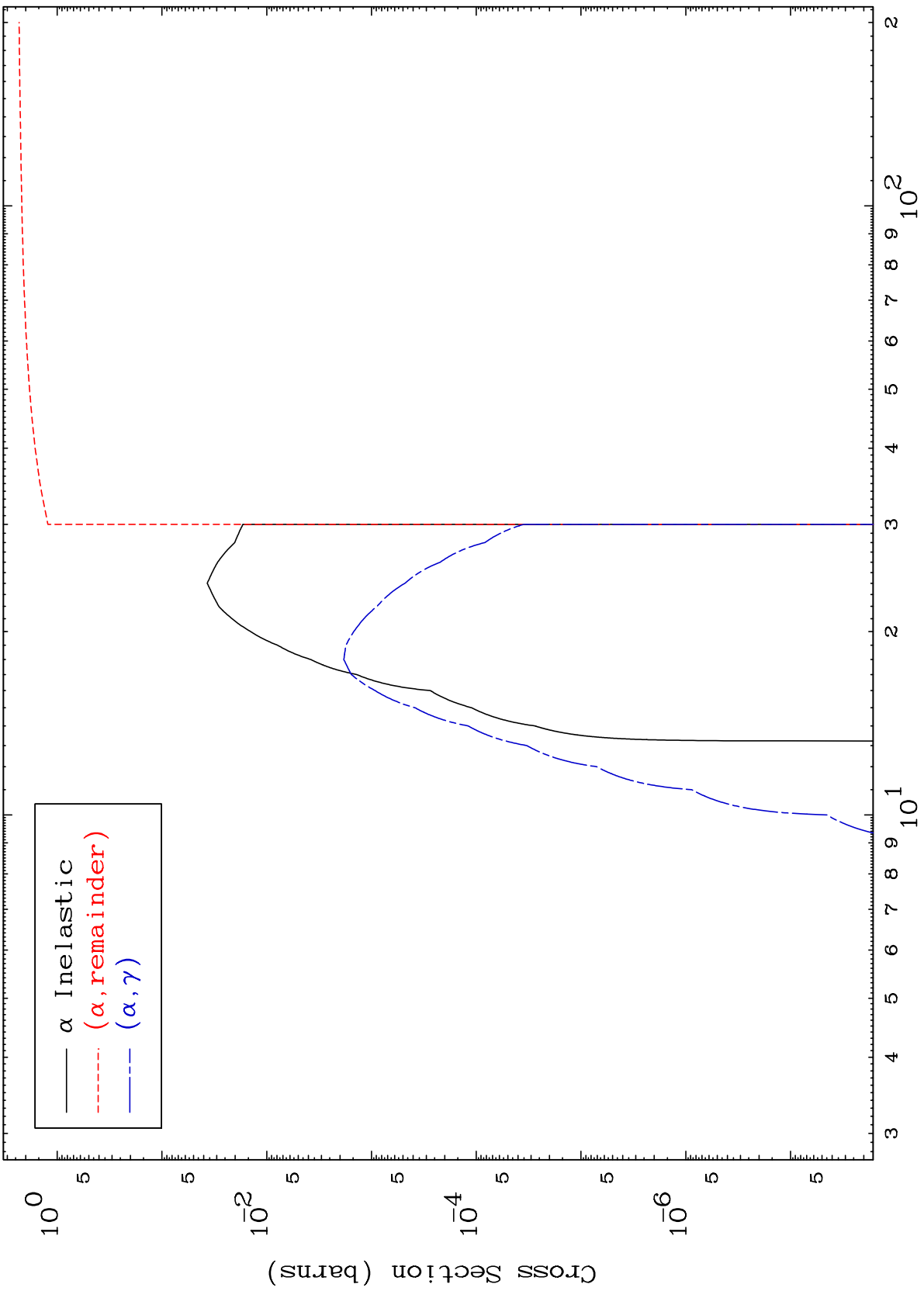
Press Mouse Button to Start

MAT 6198

α Major

62-Sm-135

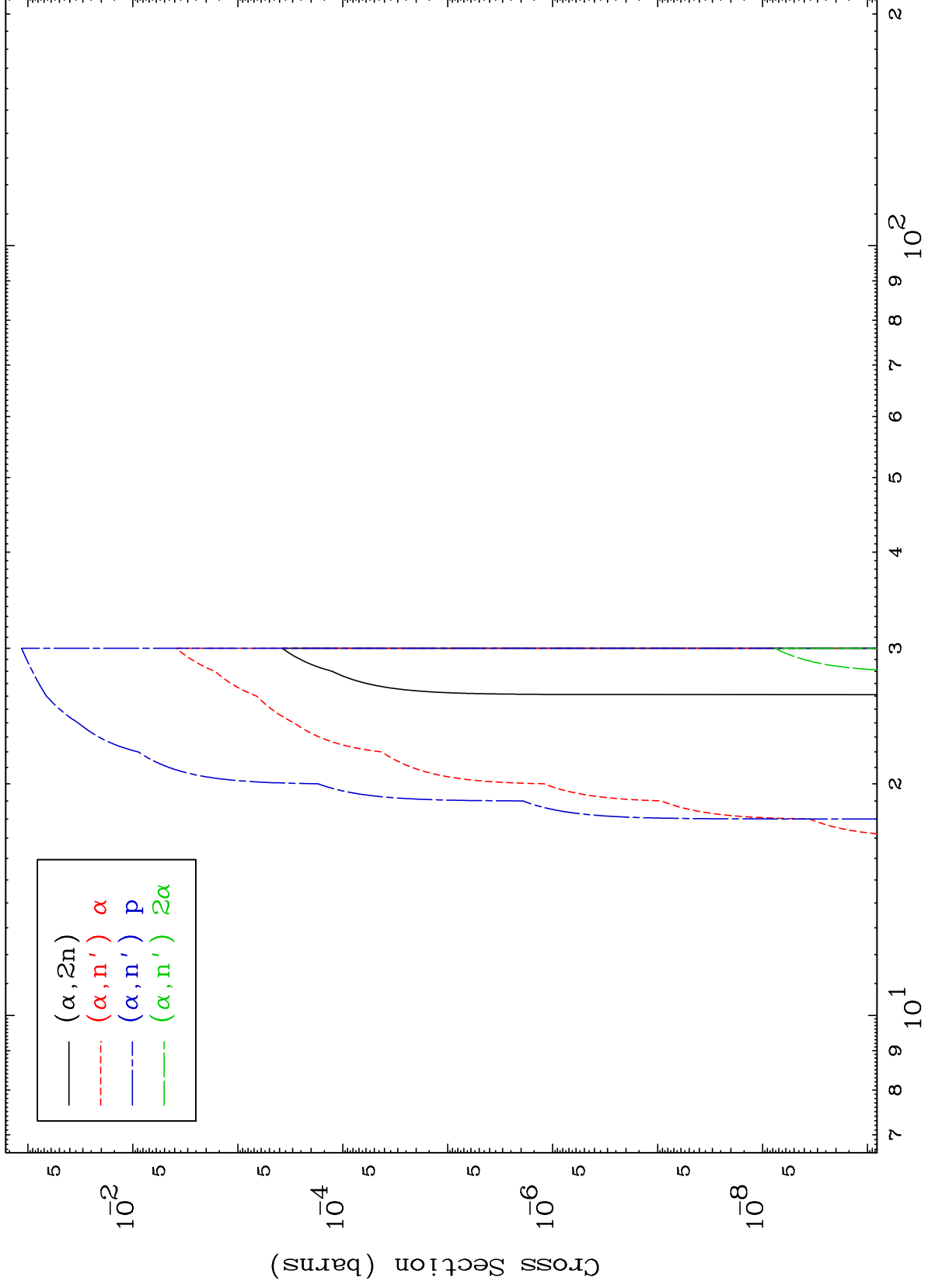
0 Kelvin Cross Sections

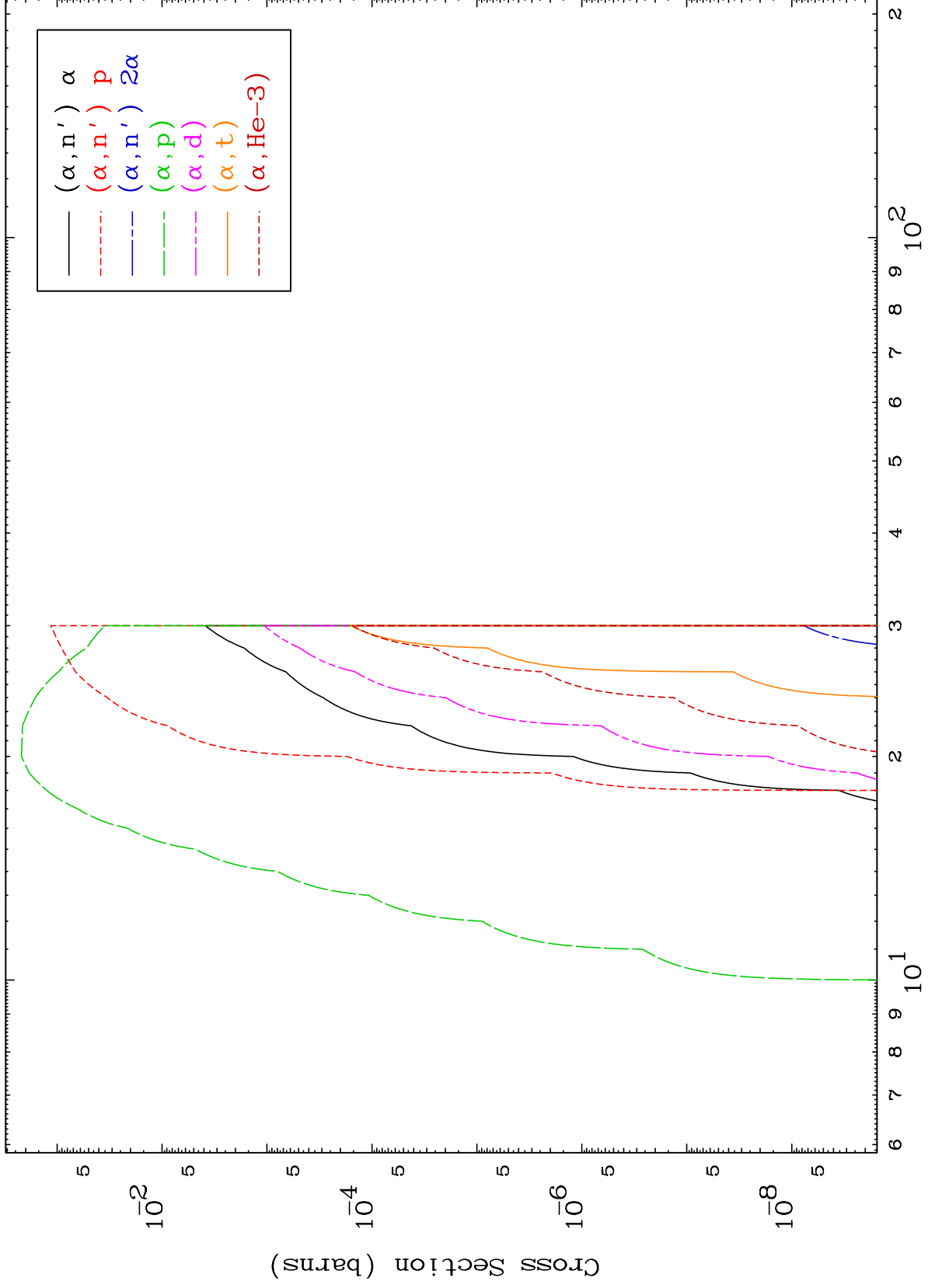


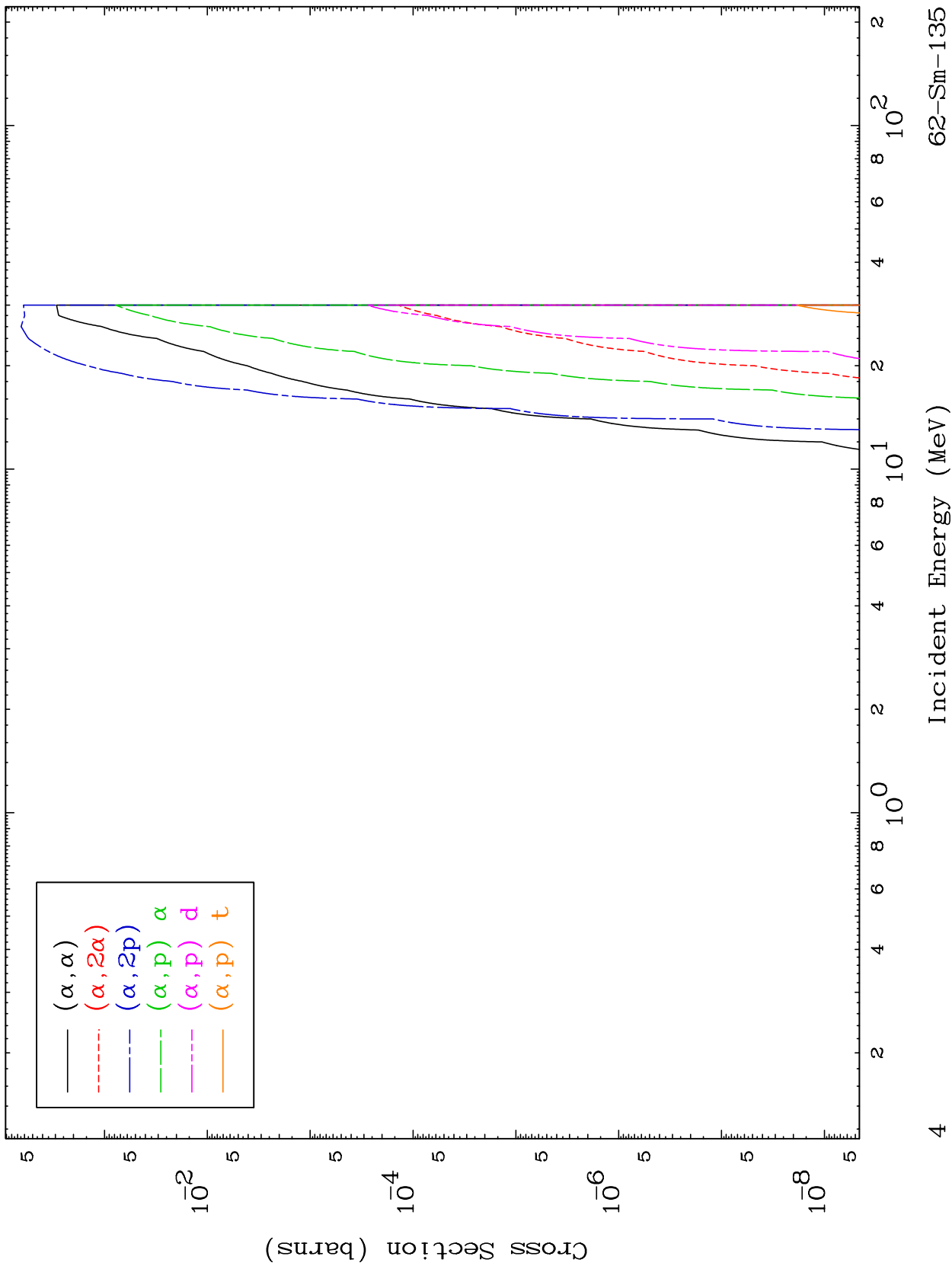
1

Incident Energy (MeV)

62-Sm-135





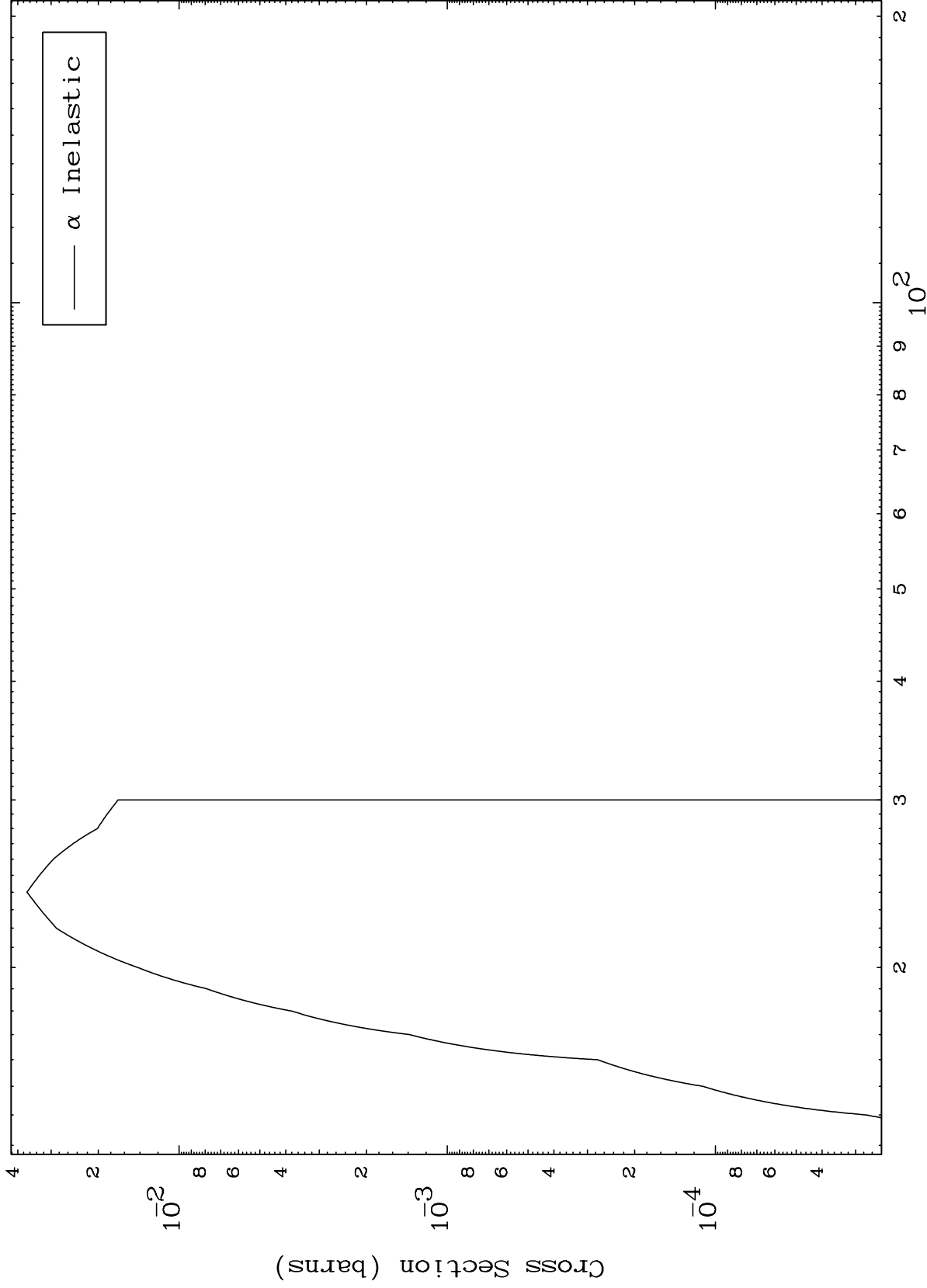


MAT 6198

(α, n') Level

62-Sm-135

0 Kelvin Cross Sections



5

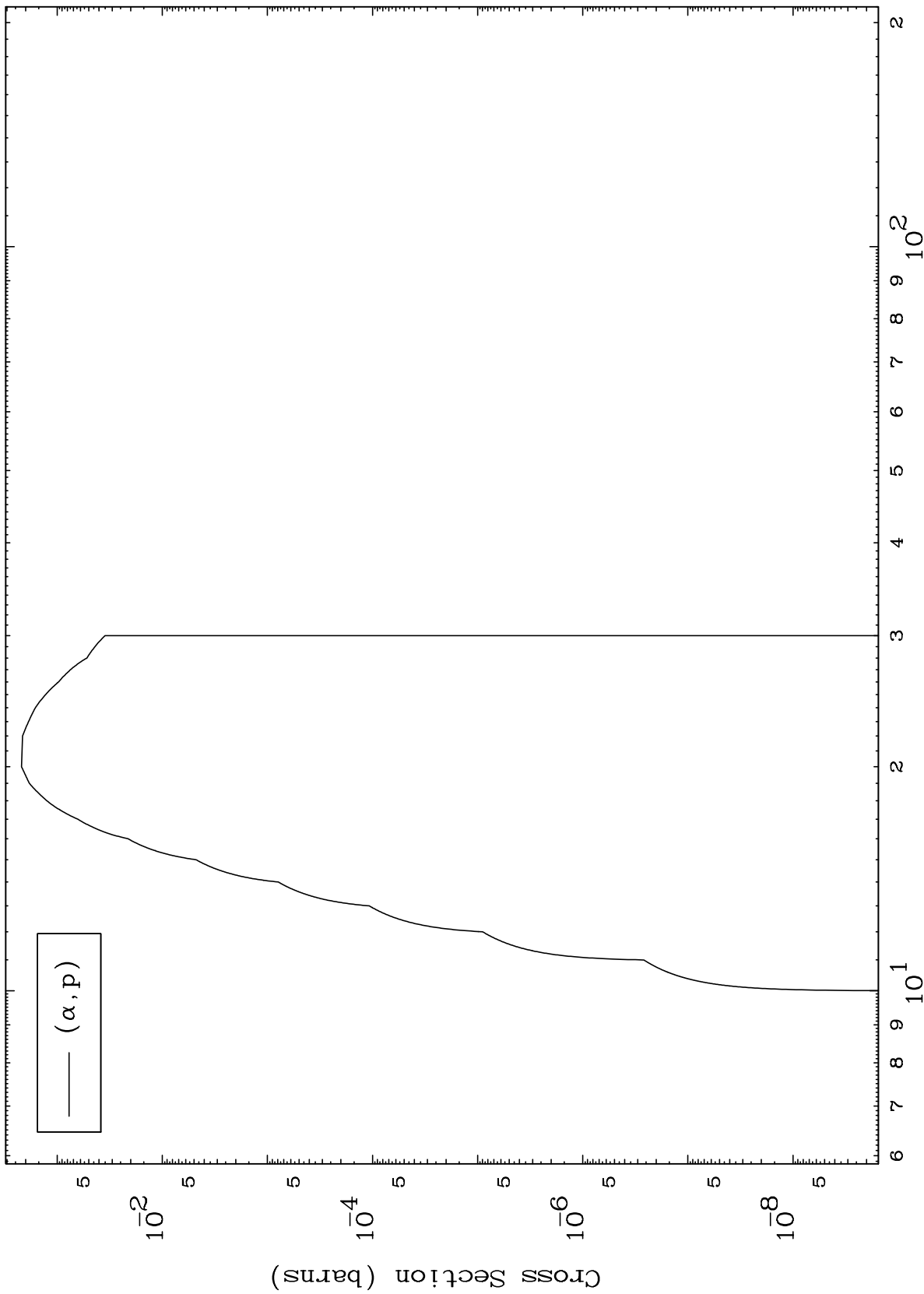
Incident Energy (MeV)

62-Sm-135

MAT 6198

62-Sm-135

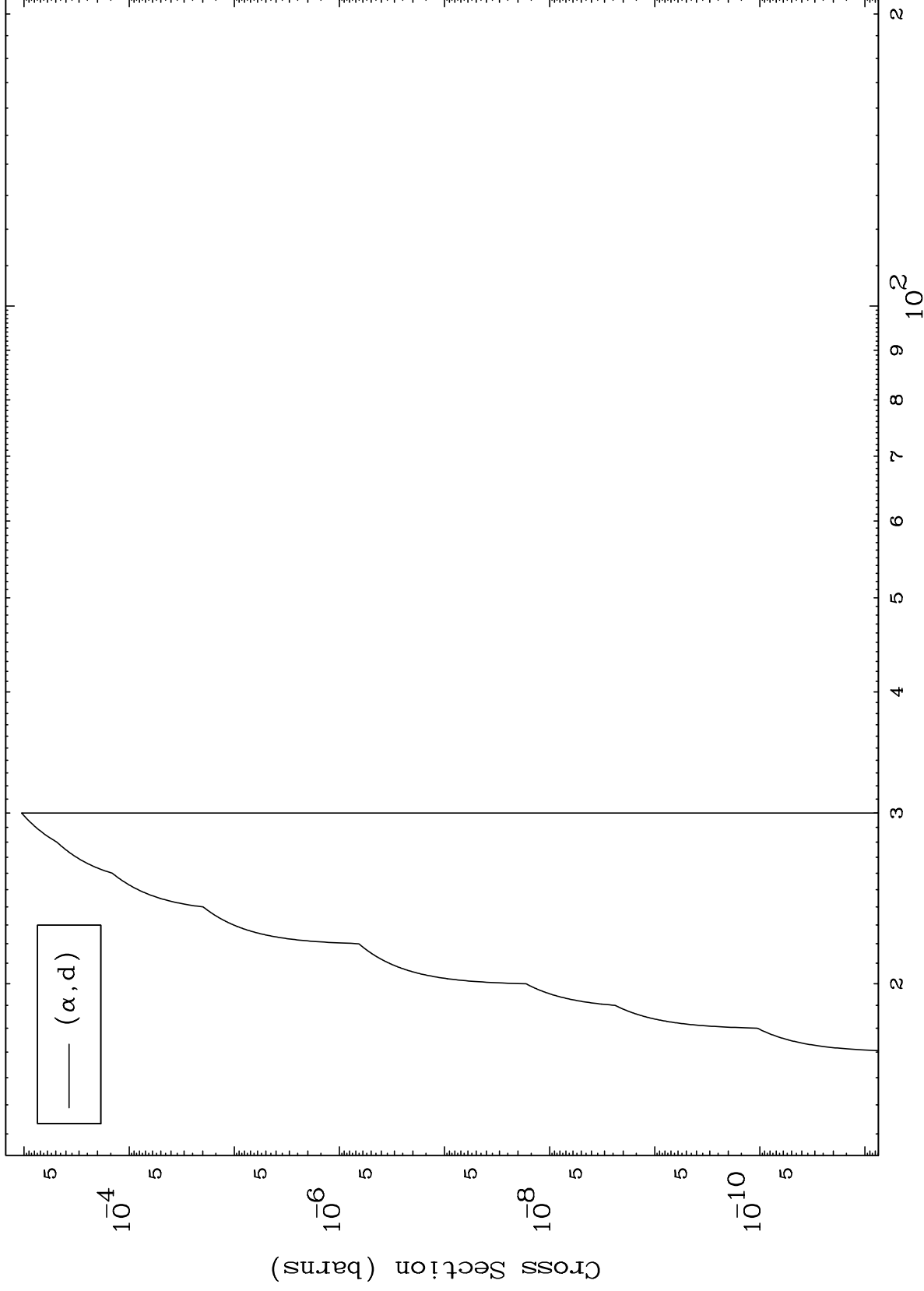
(α, p) Levels
0 Kelvin Cross Sections



6

Incident Energy (MeV)

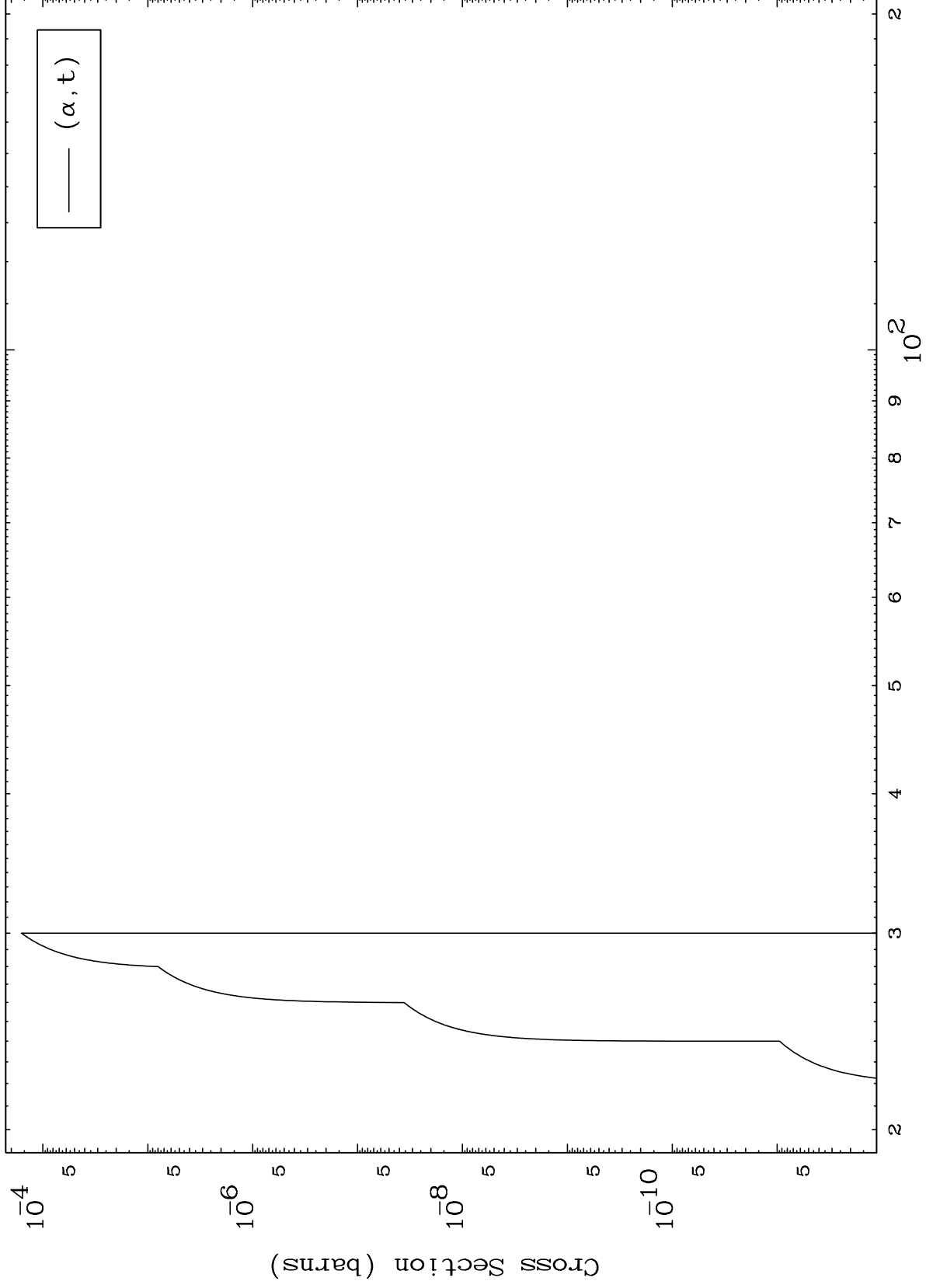
62-Sm-135



MAT 6198

(α, t) Levels
0 Kelvin Cross Sections

62-Sm-135



8

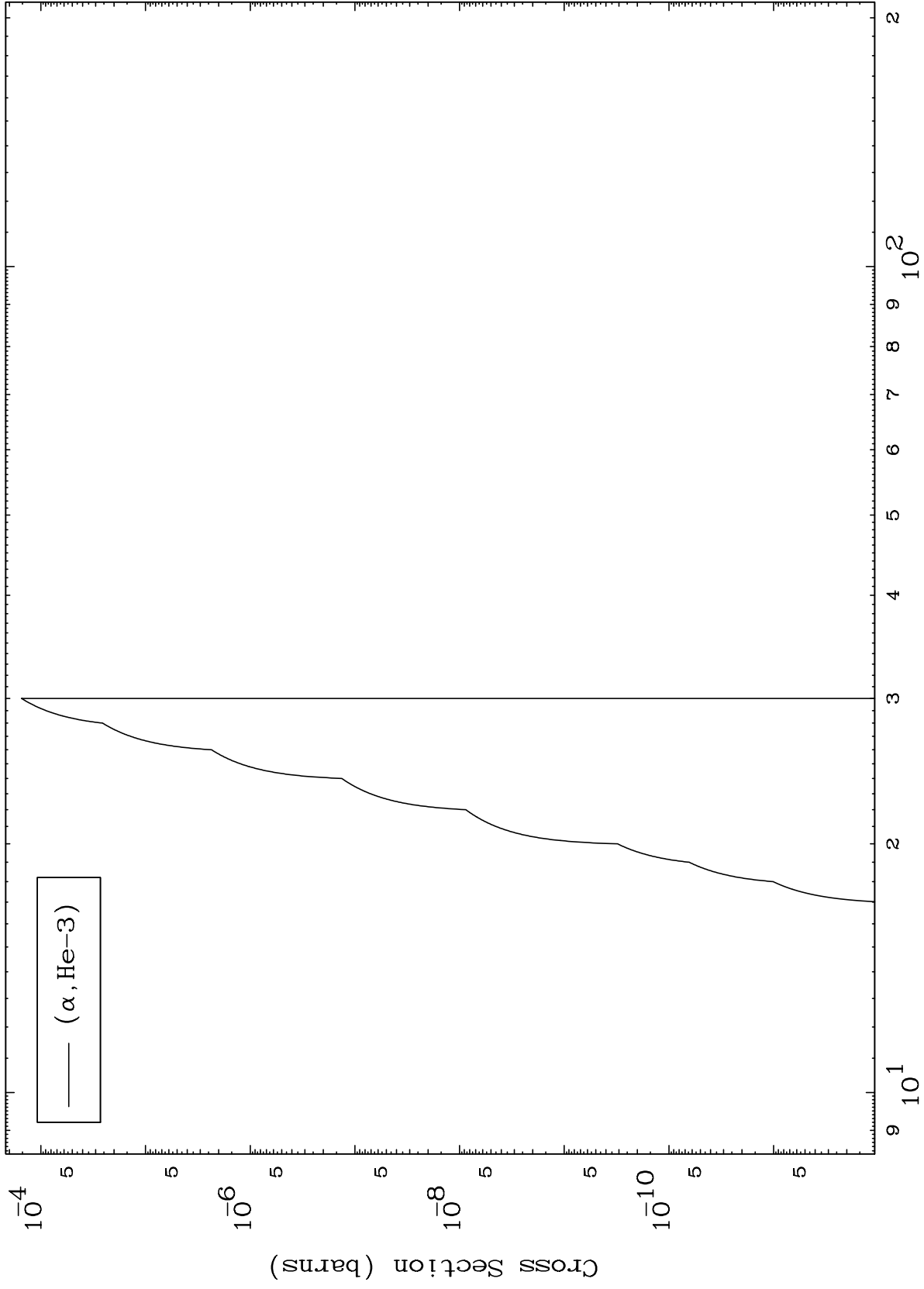
Incident Energy (MeV)

62-Sm-135

MAT 6198

62-Sm-135

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



62-Sm-135

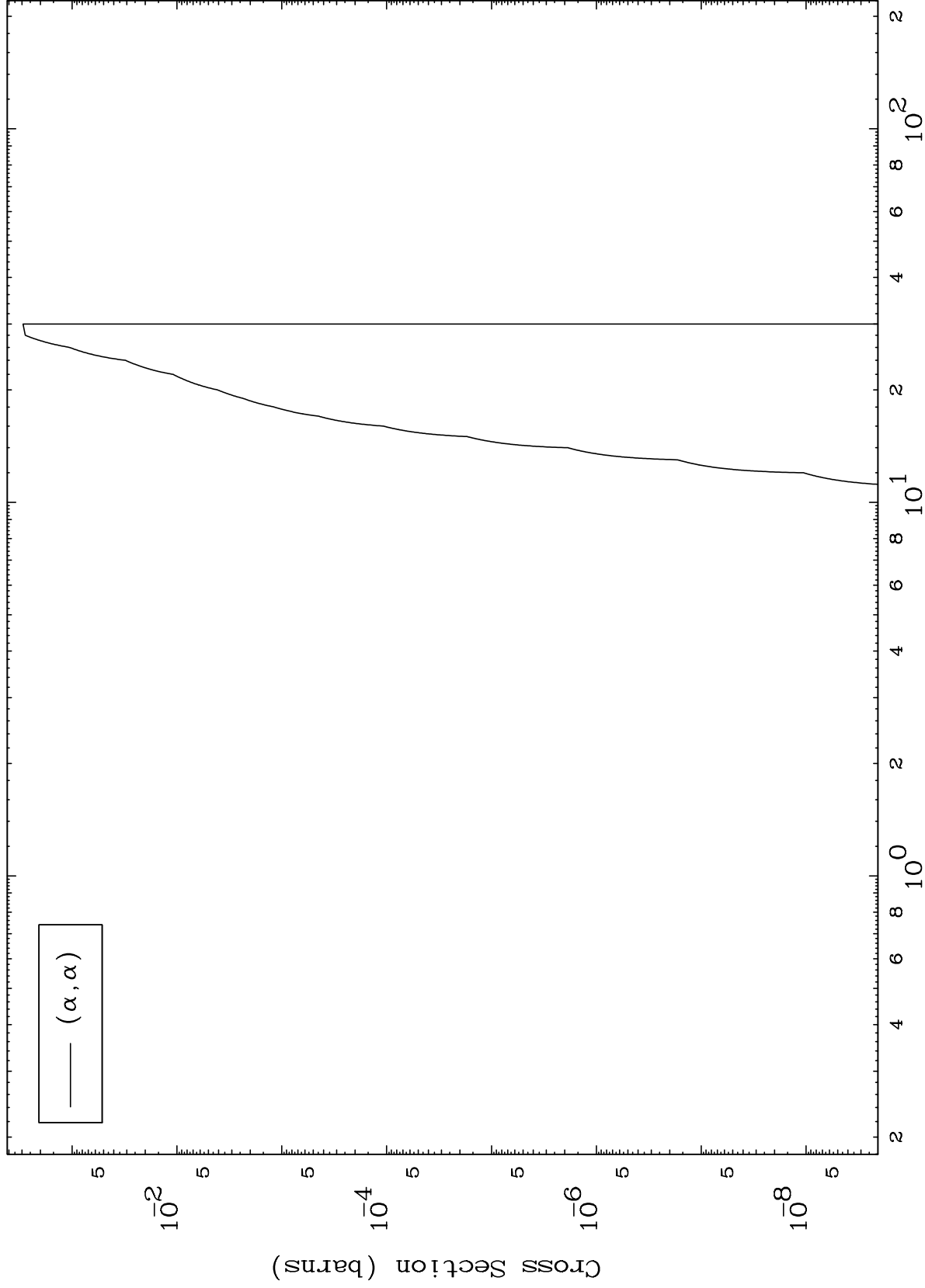
Incident Energy (MeV)

9

MAT 6198

62-Sm-135

(α, α) Levels
0 Kelvin Cross Sections



62-Sm-135

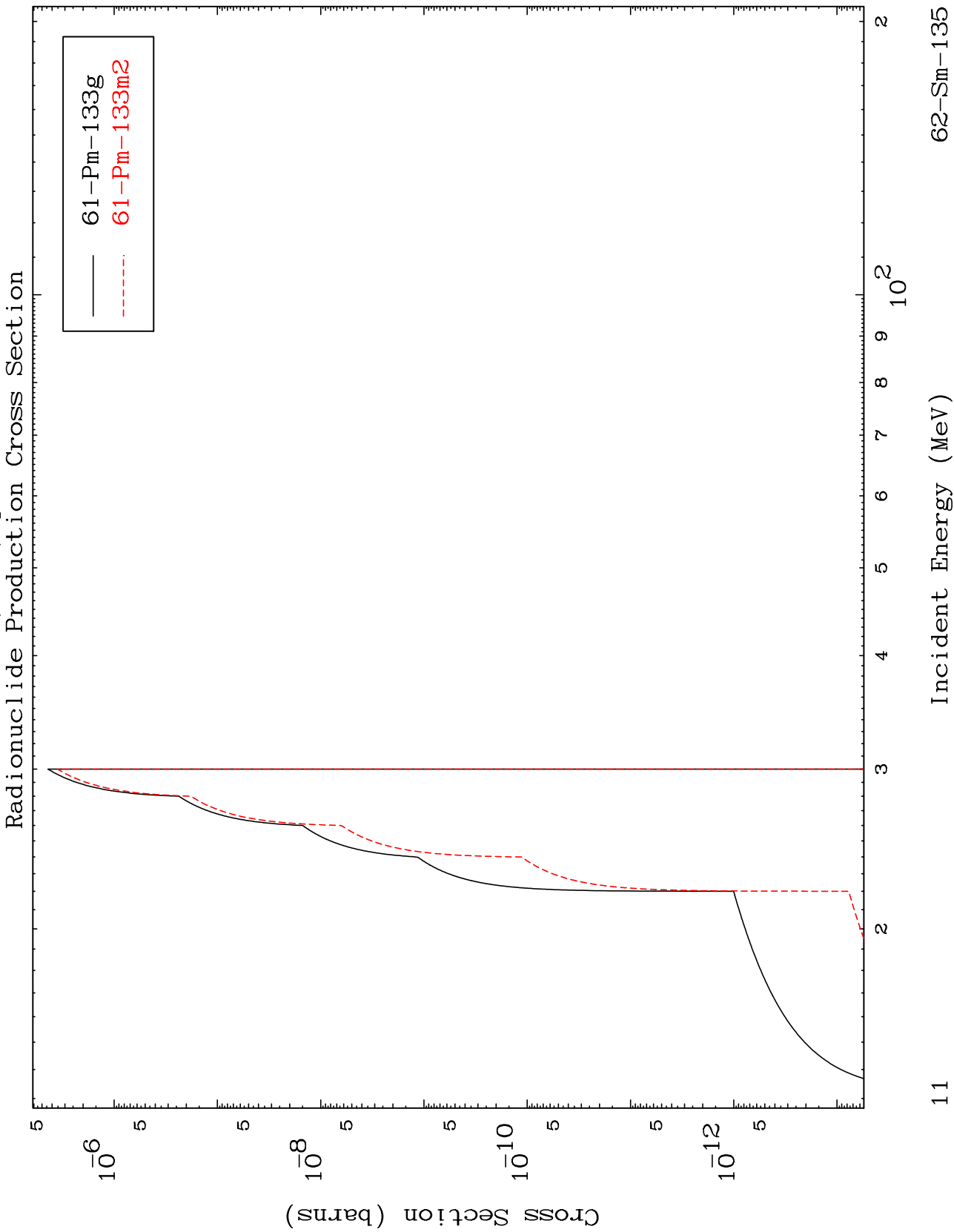
Incident Energy (MeV)

10

MAT 6198

(α, n') p α

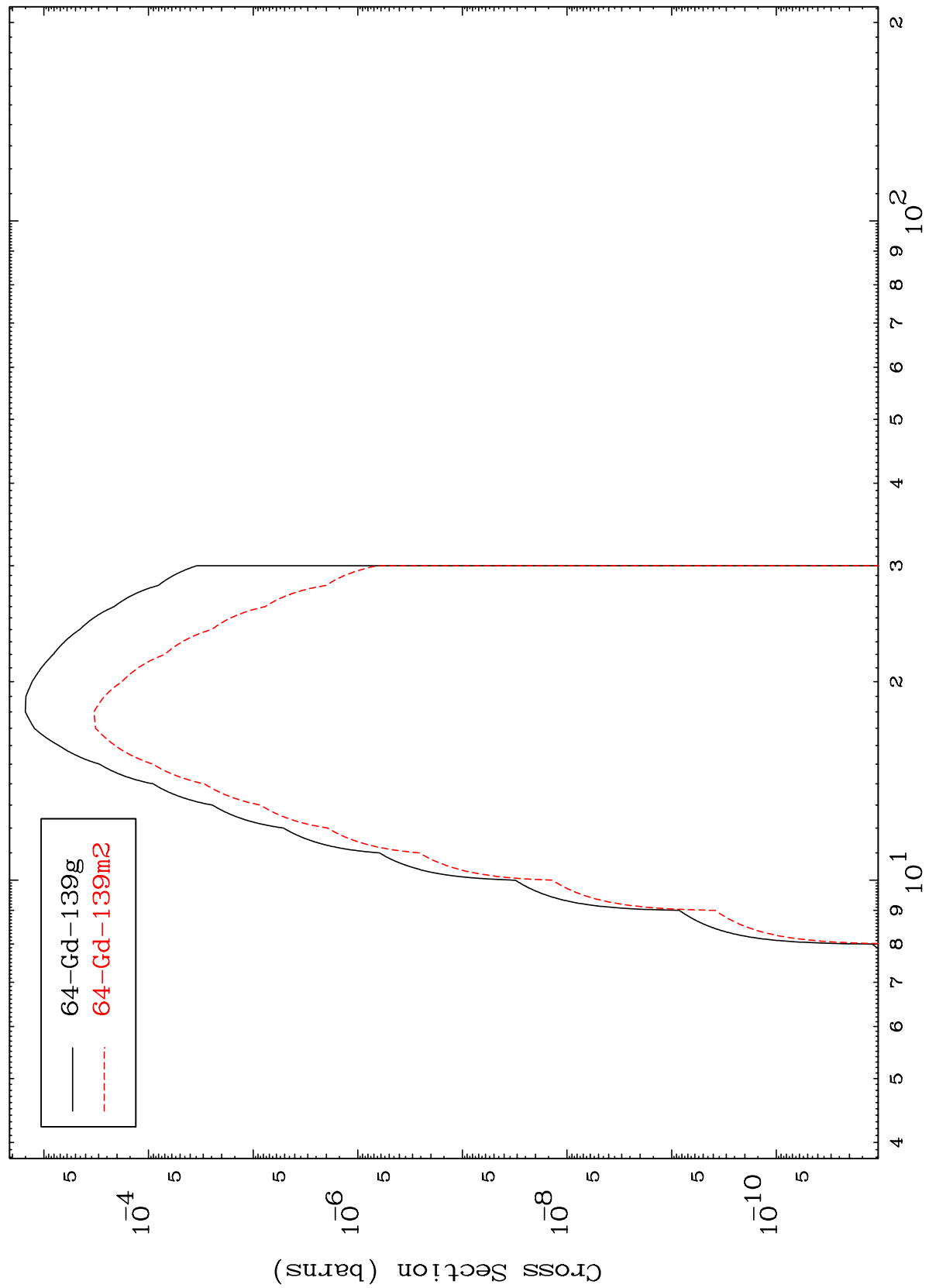
62-Sm-135



MAT 6198

62-Sm-135

(α, γ)
Radionuclide Production Cross Section



64-Gd-139g
64-Gd-139m2

62-Sm-135

Incident Energy (MeV)

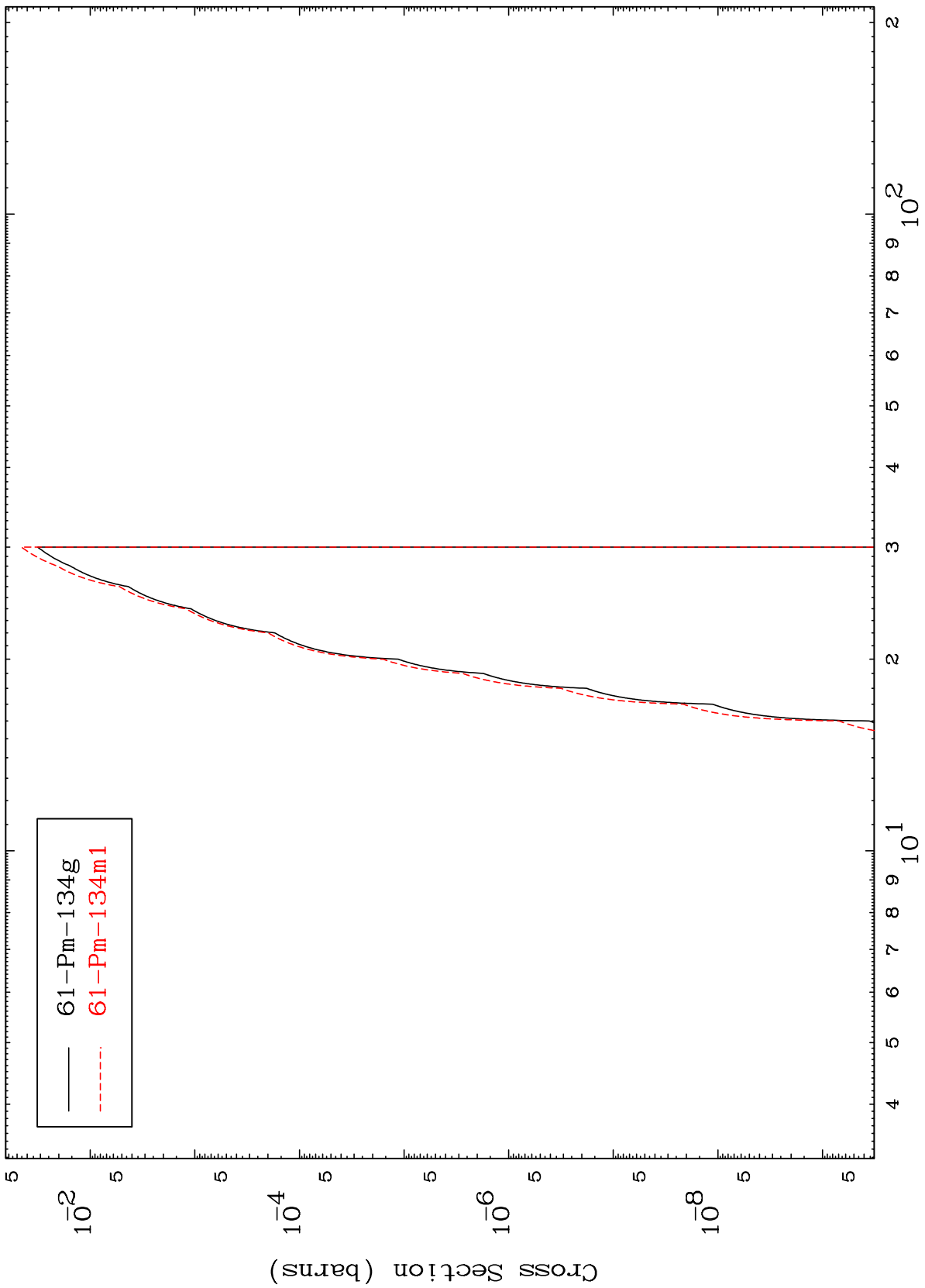
12

MAT 6198

(α, p) α

62-Sm-135

Radionuclide Production Cross Section



14

Incident Energy (MeV)

62-Sm-135

