

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

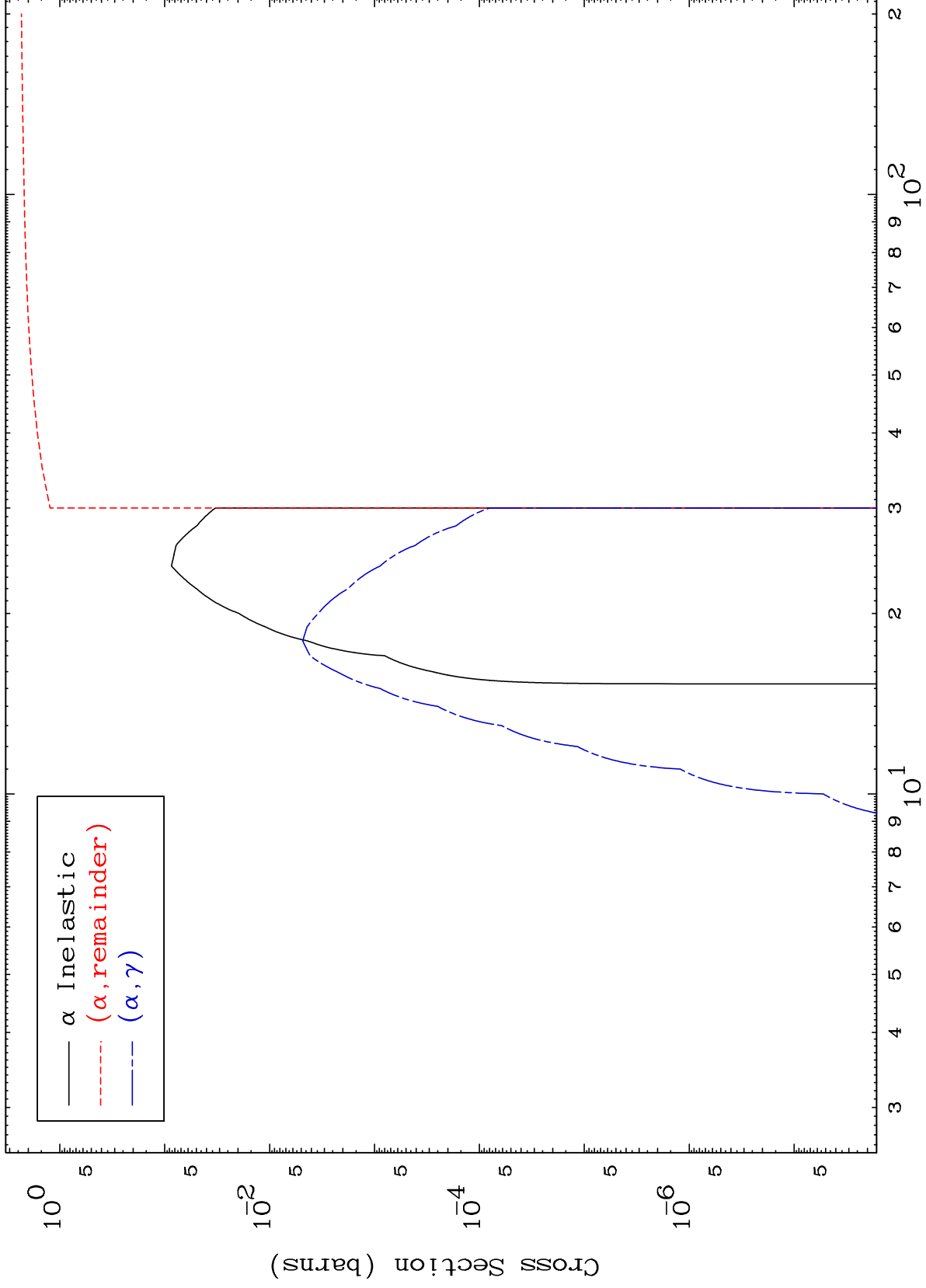
Press Mouse Button to Start

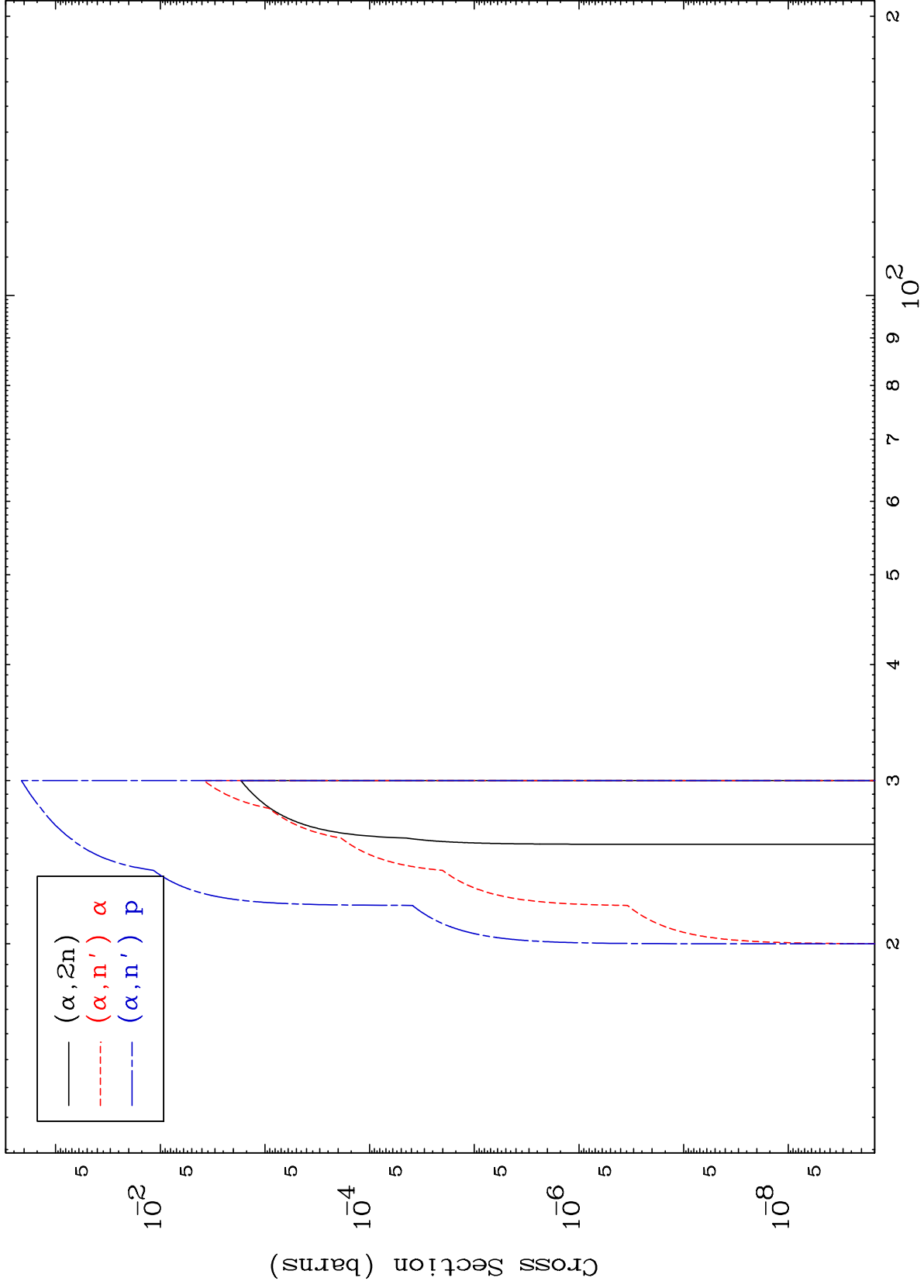
MAT 6201

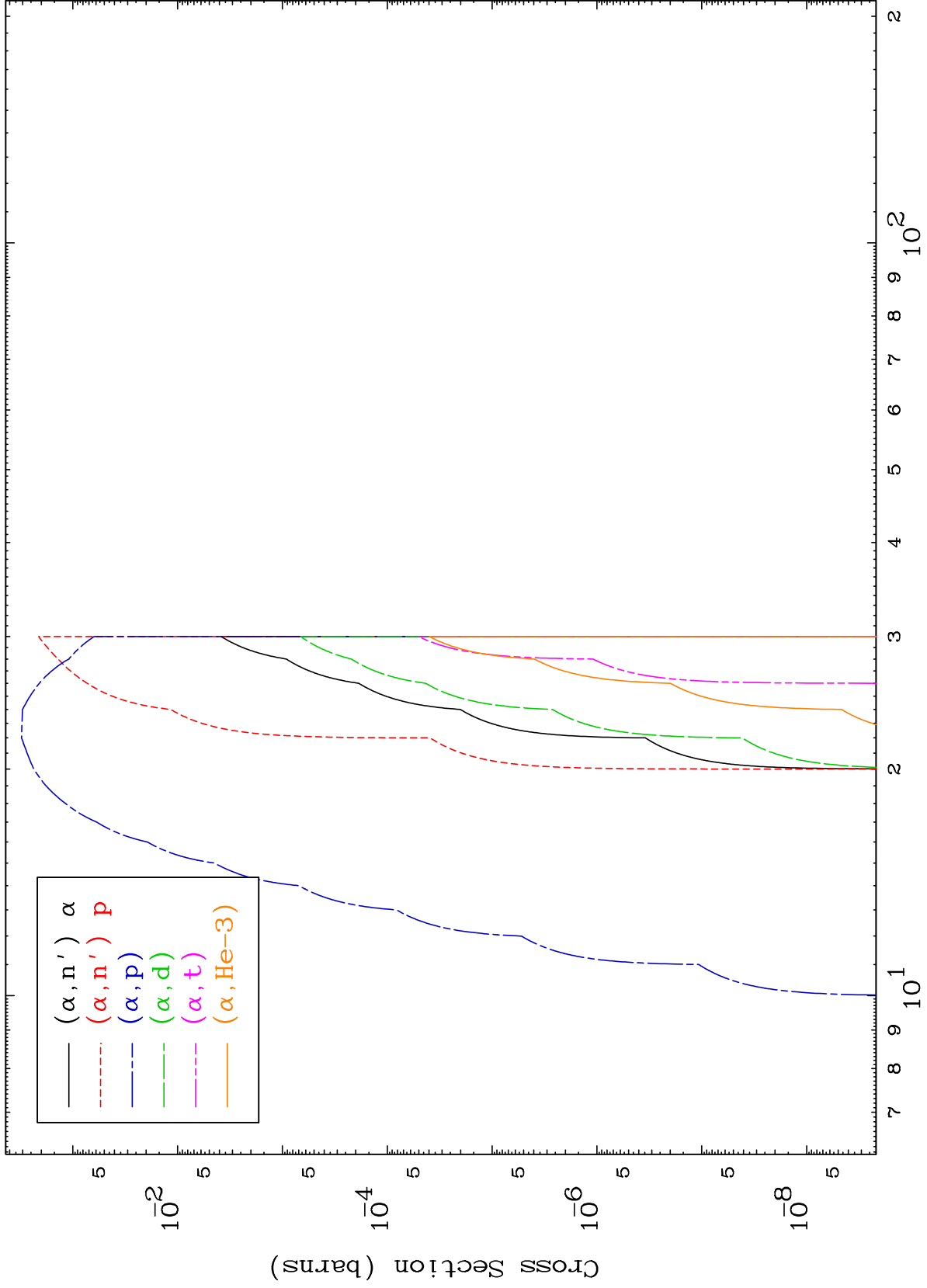
α Major

62-Sm-136

0 Kelvin Cross Sections



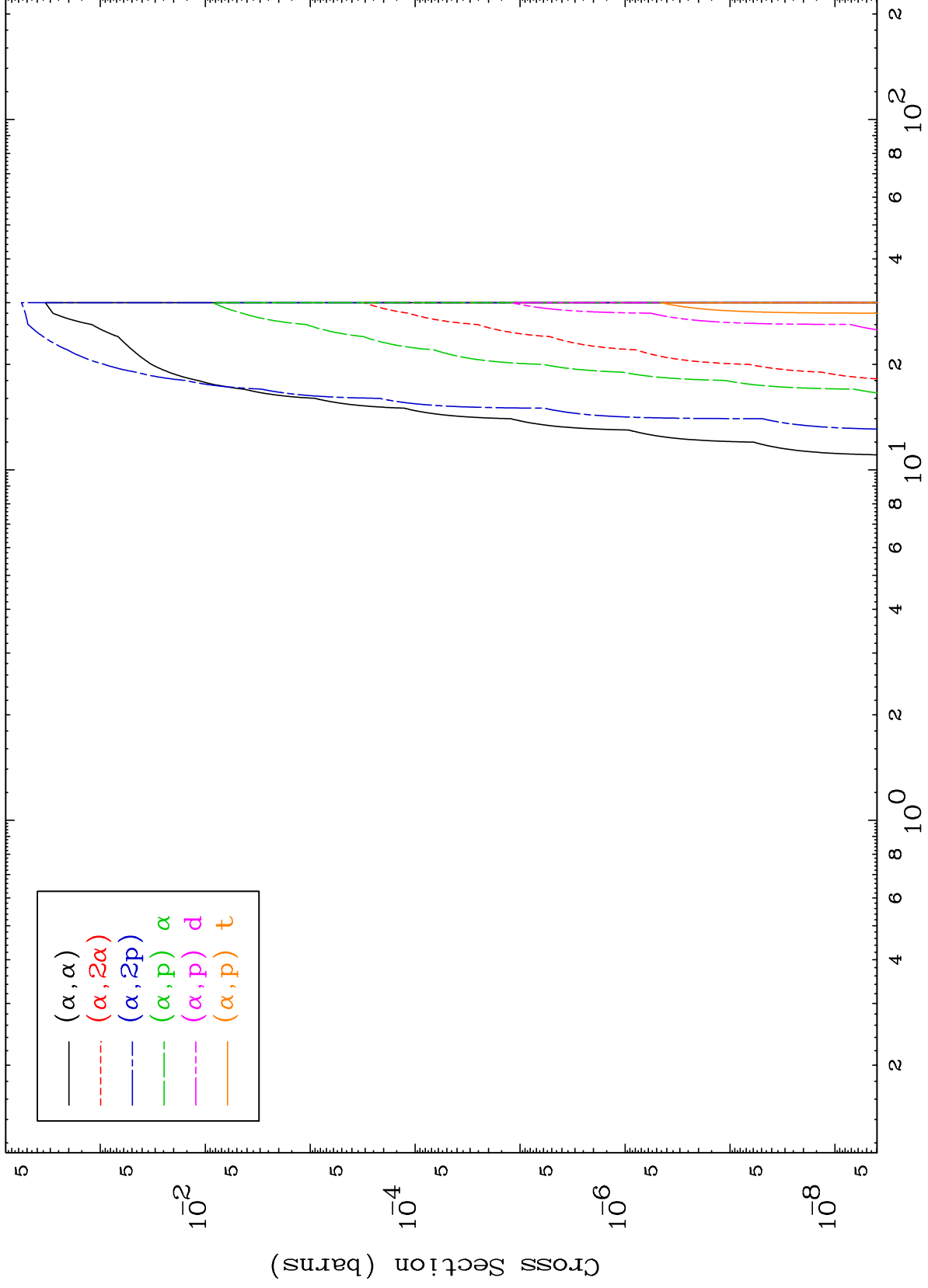




MAT 6201

α Charged Particle
0 Kelvin Cross Sections

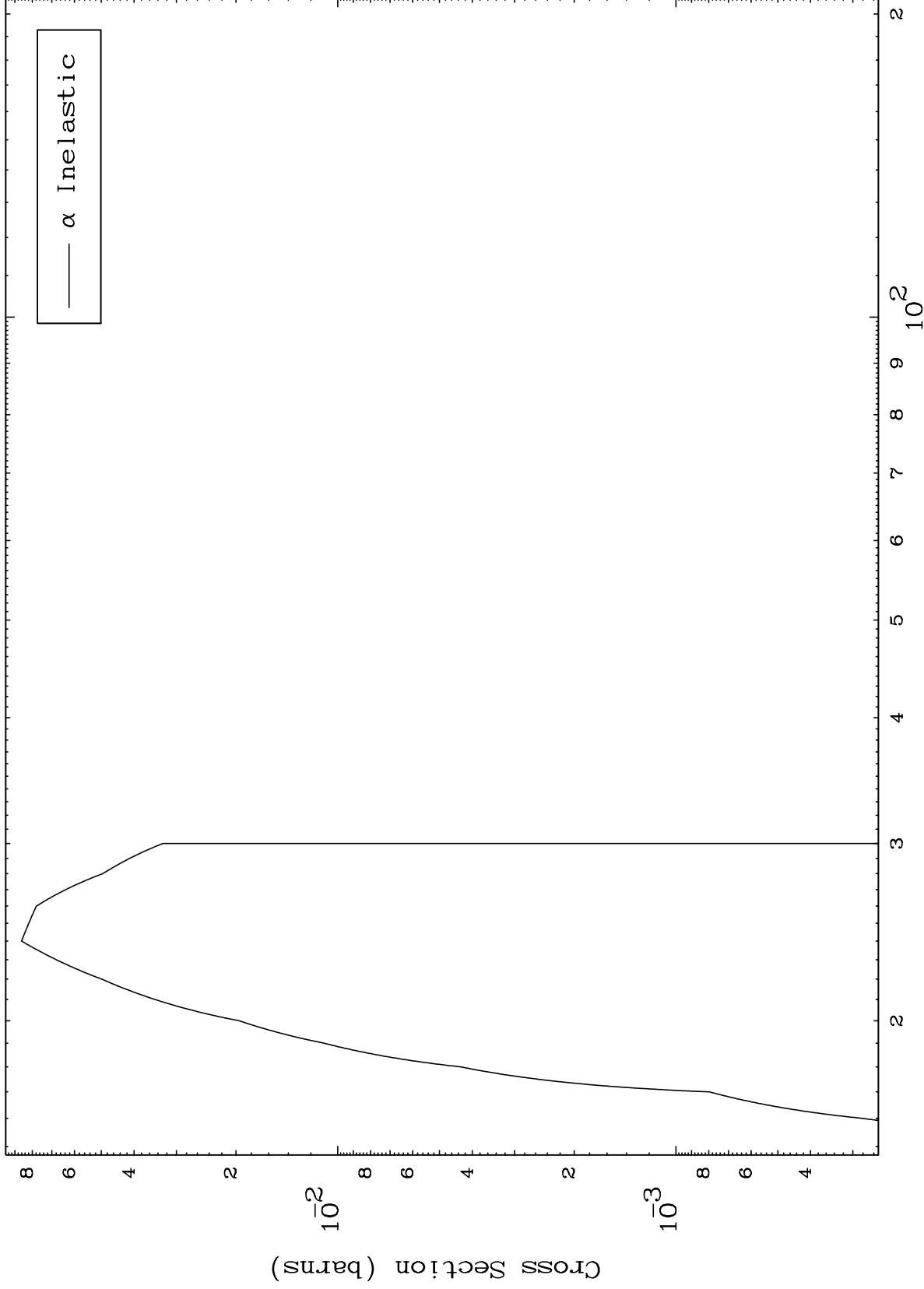
62-Sm-136



MAT 6201

(α, n') Level
0 Kelvin Cross Sections

62-Sm-136



5

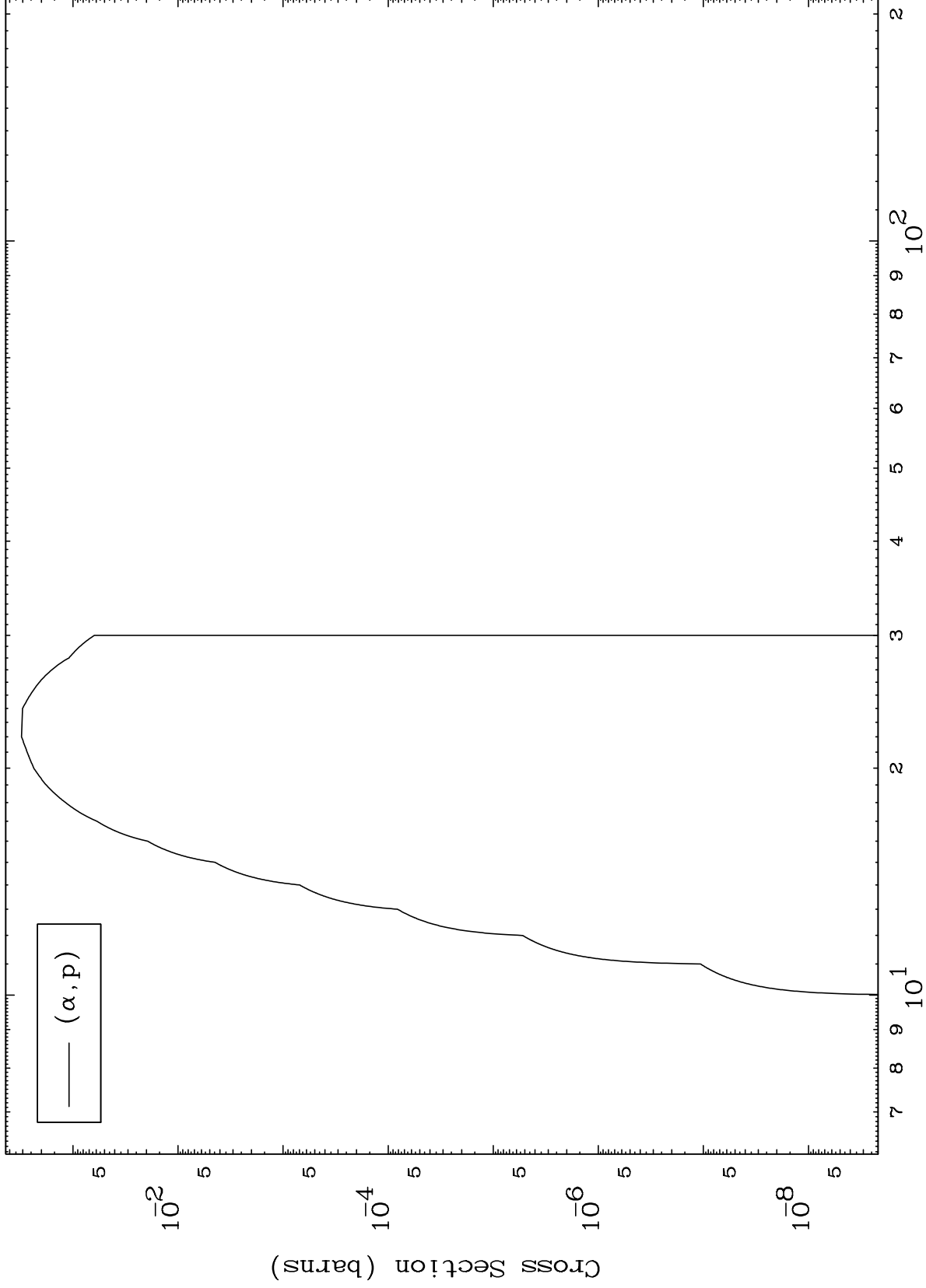
Incident Energy (MeV)

62-Sm-136

MAT 6201

(α, p) Levels
0 Kelvin Cross Sections

62-Sm-136



6

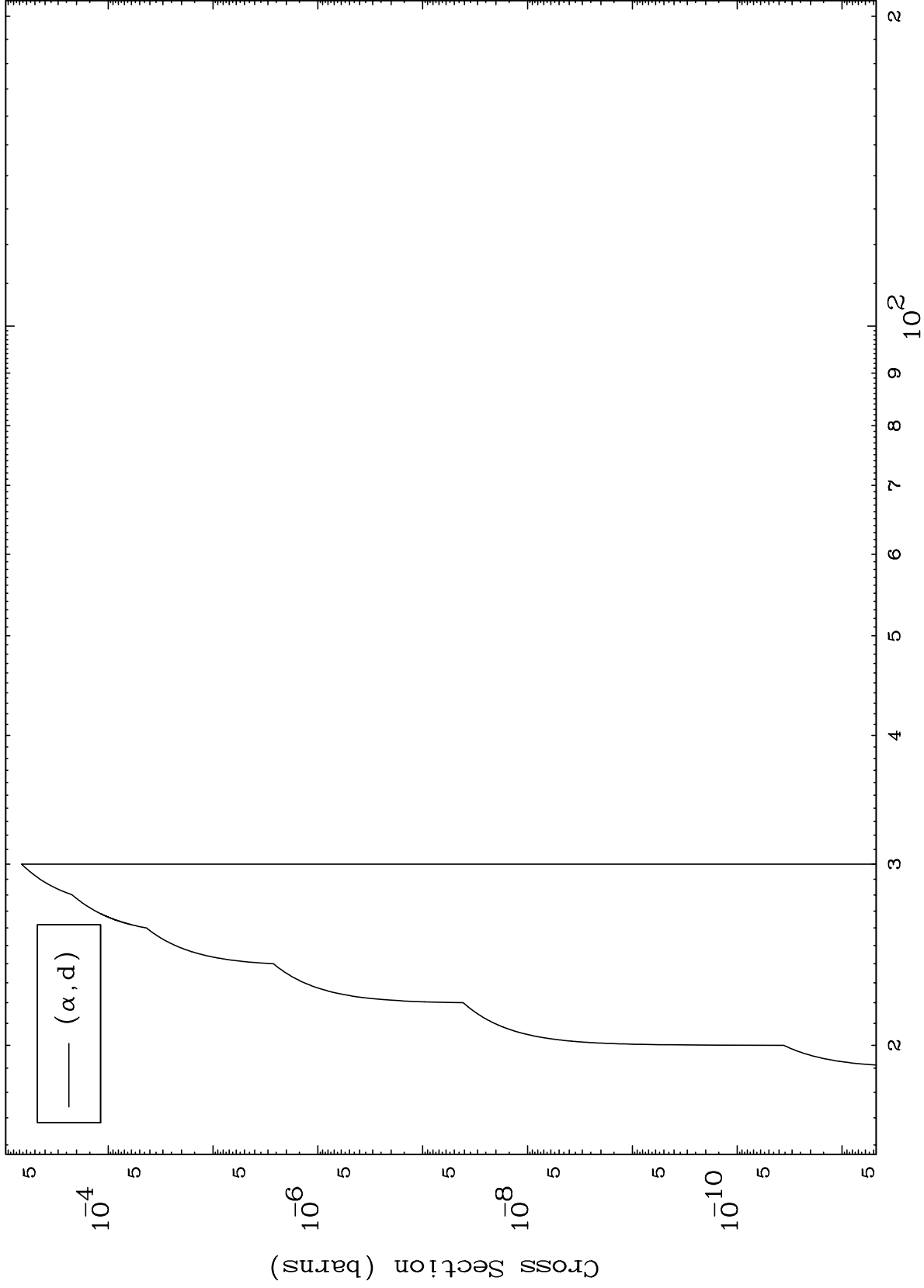
Incident Energy (MeV)

62-Sm-136

MAT 6201

(α, d) Levels
0 Kelvin Cross Sections

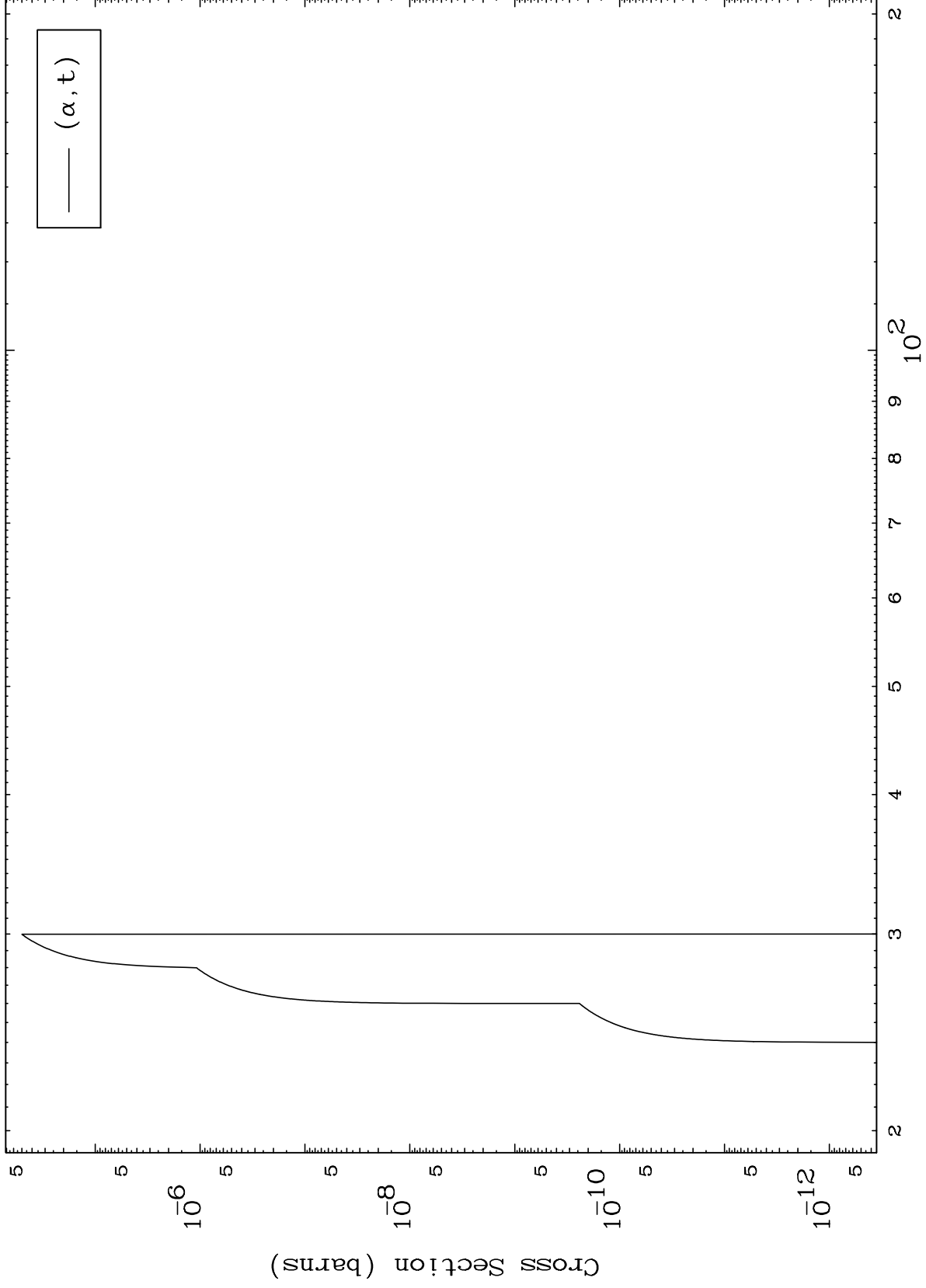
62-Sm-136

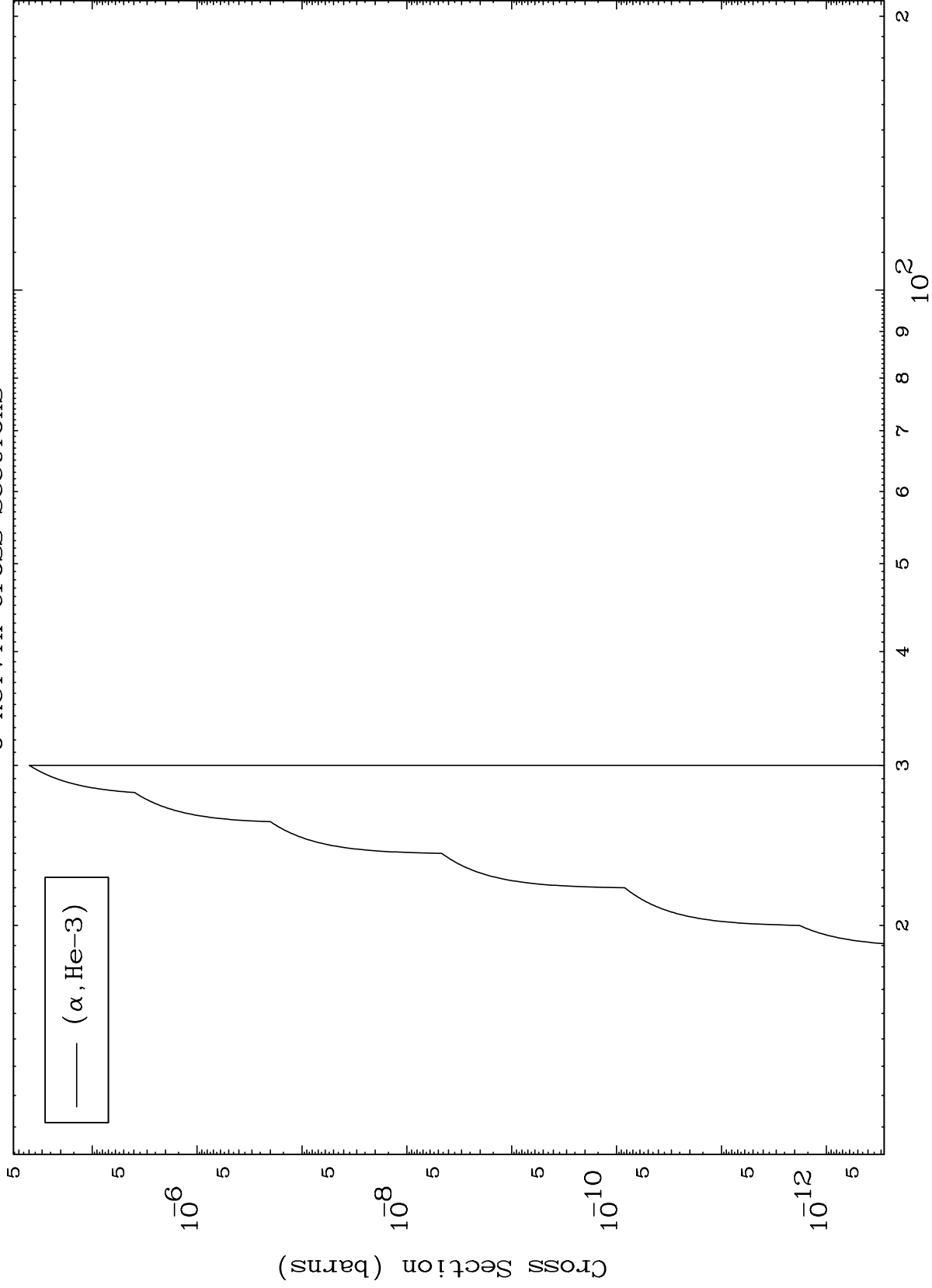


7

Incident Energy (MeV)

62-Sm-136



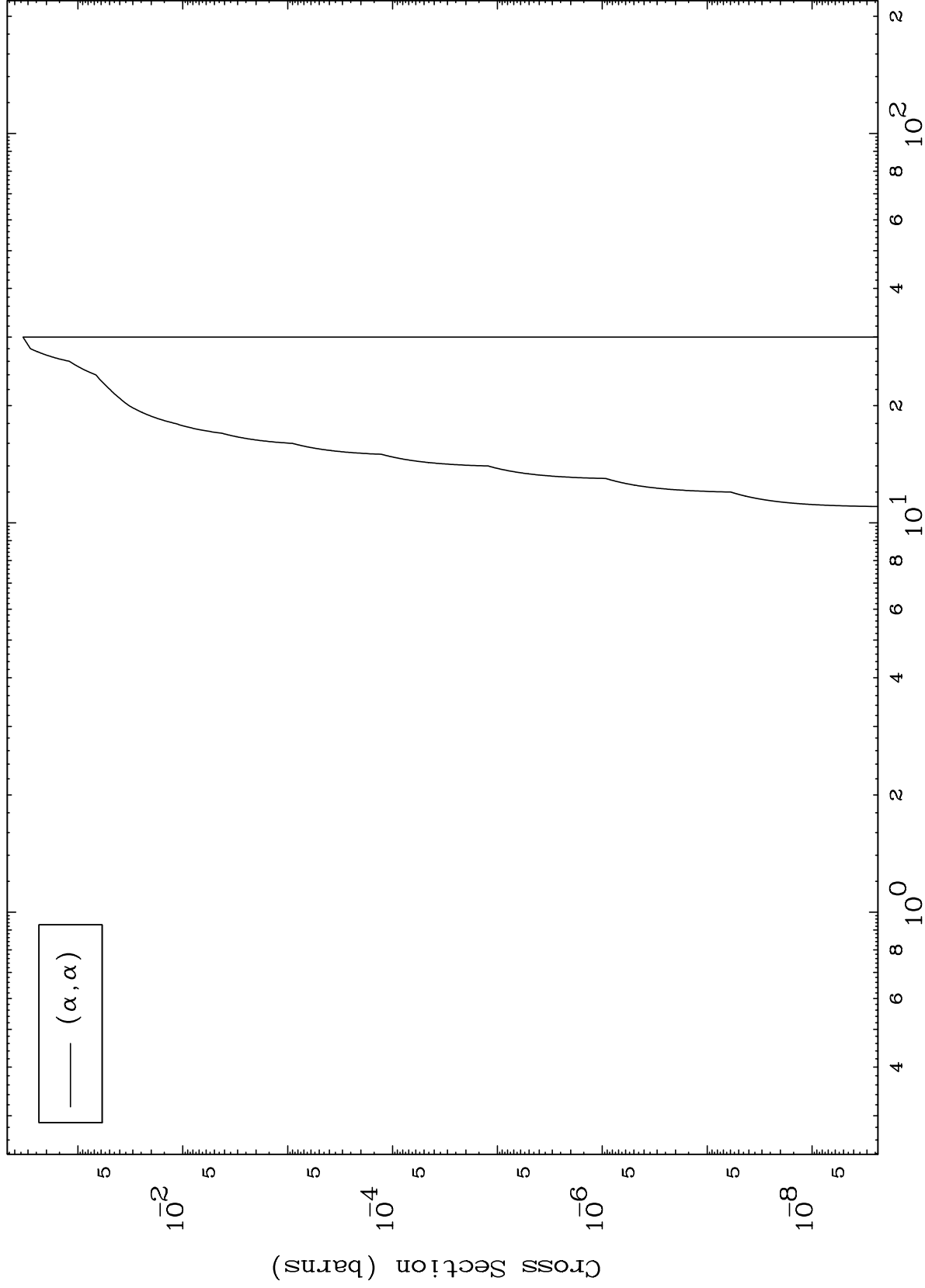


MAT 6201

(α, α) Levels

62-Sm-136

0 Kelvin Cross Sections

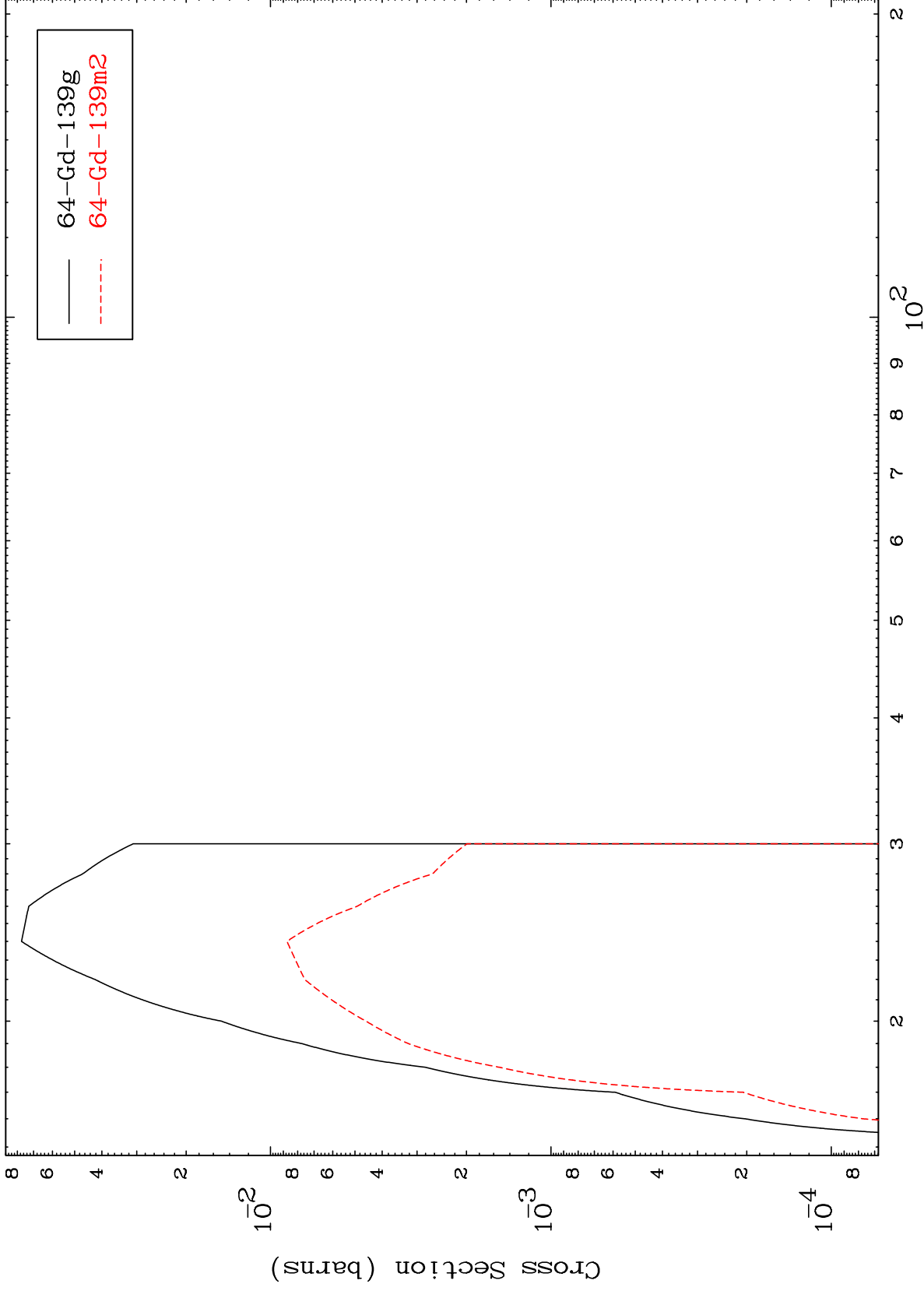


10

Incident Energy (MeV)

62-Sm-136

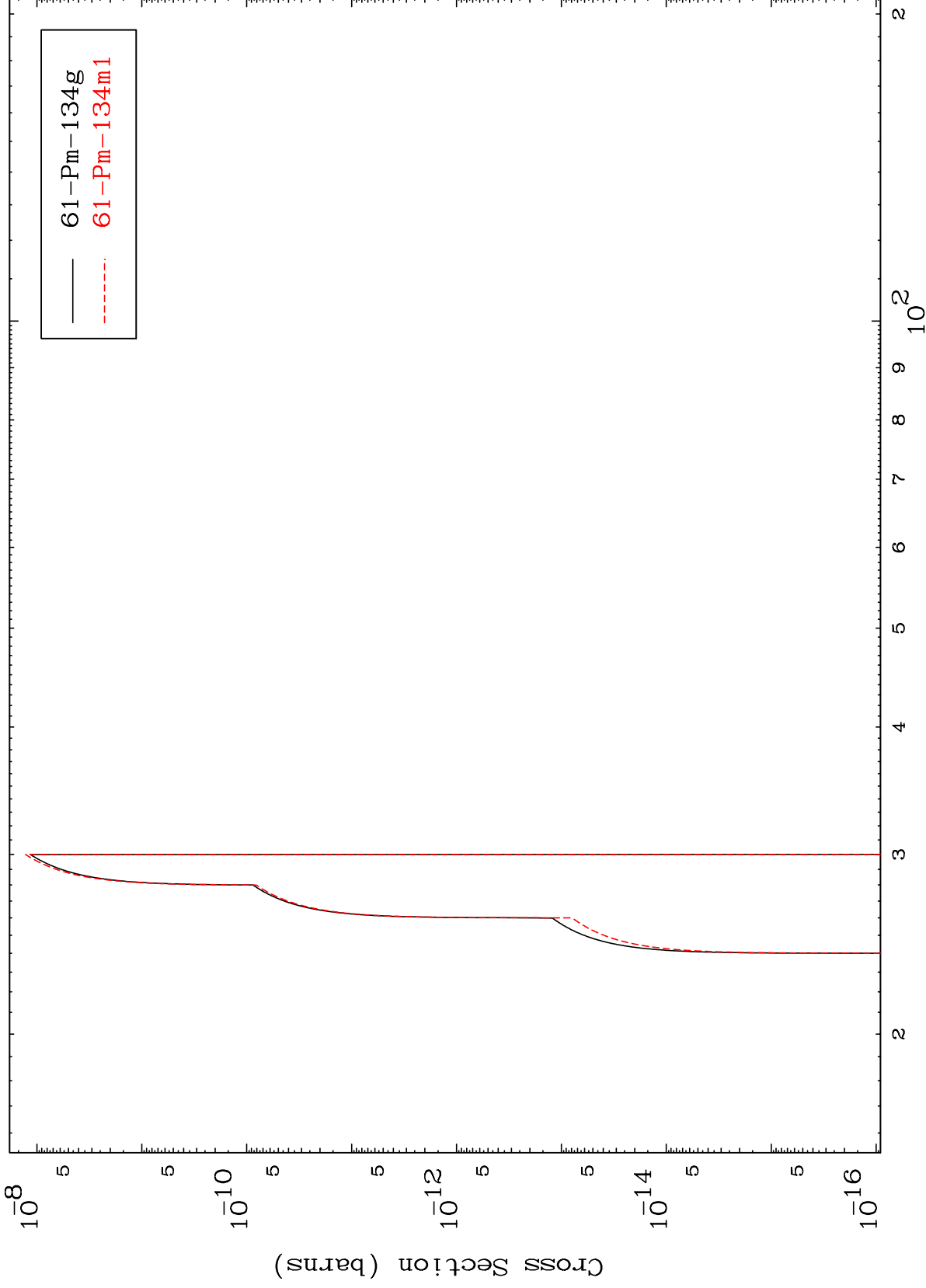
Radionuclide Production Cross Section



MAT 6201

62-Sm-136

(α, n') p α
Radionuclide Production Cross Section



12

Incident Energy (MeV)

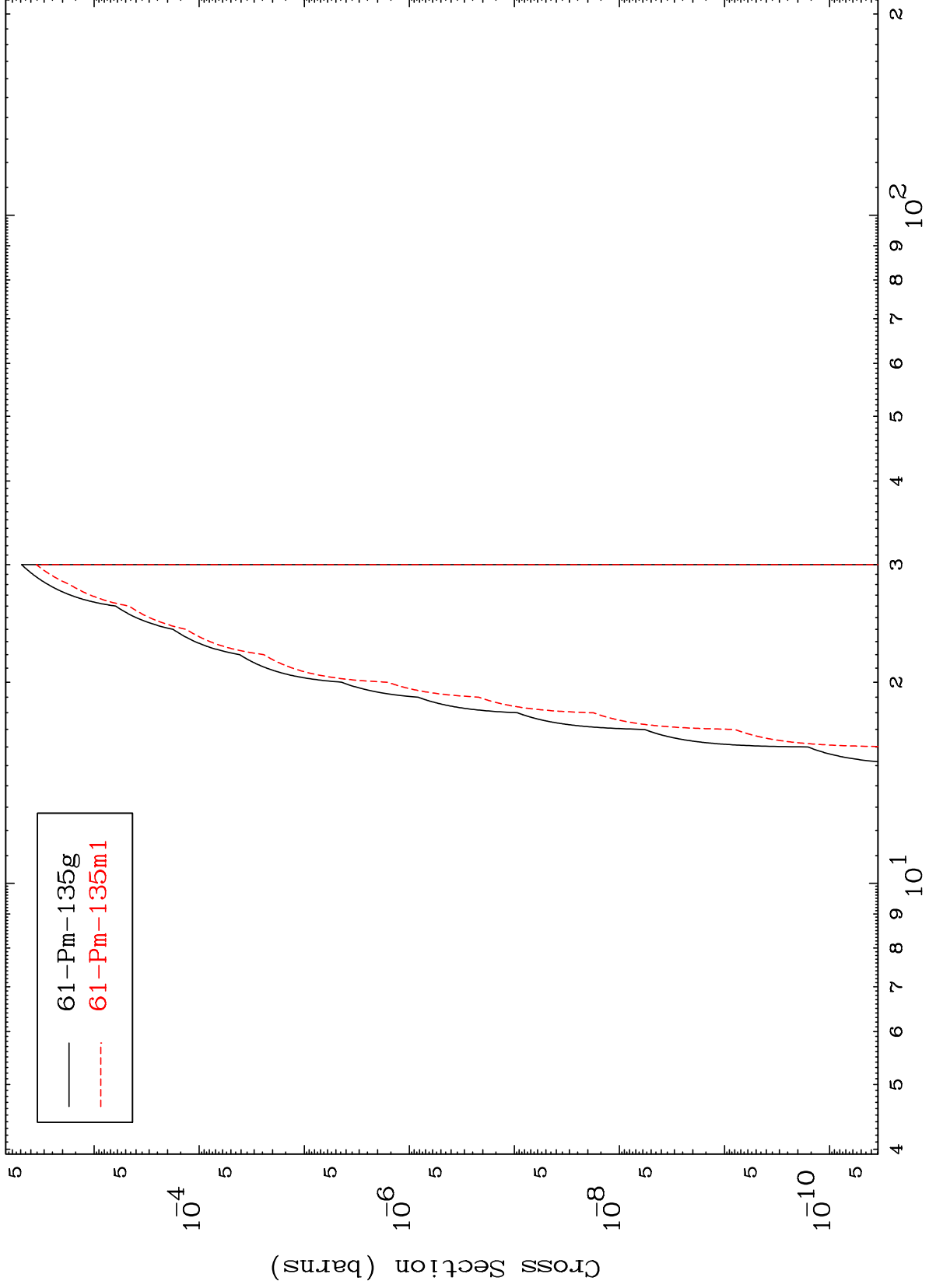
62-Sm-136

MAT 6201

$(\alpha, p) \alpha$

$^{62}\text{Sm}-136$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

$^{62}\text{Sm}-136$