

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

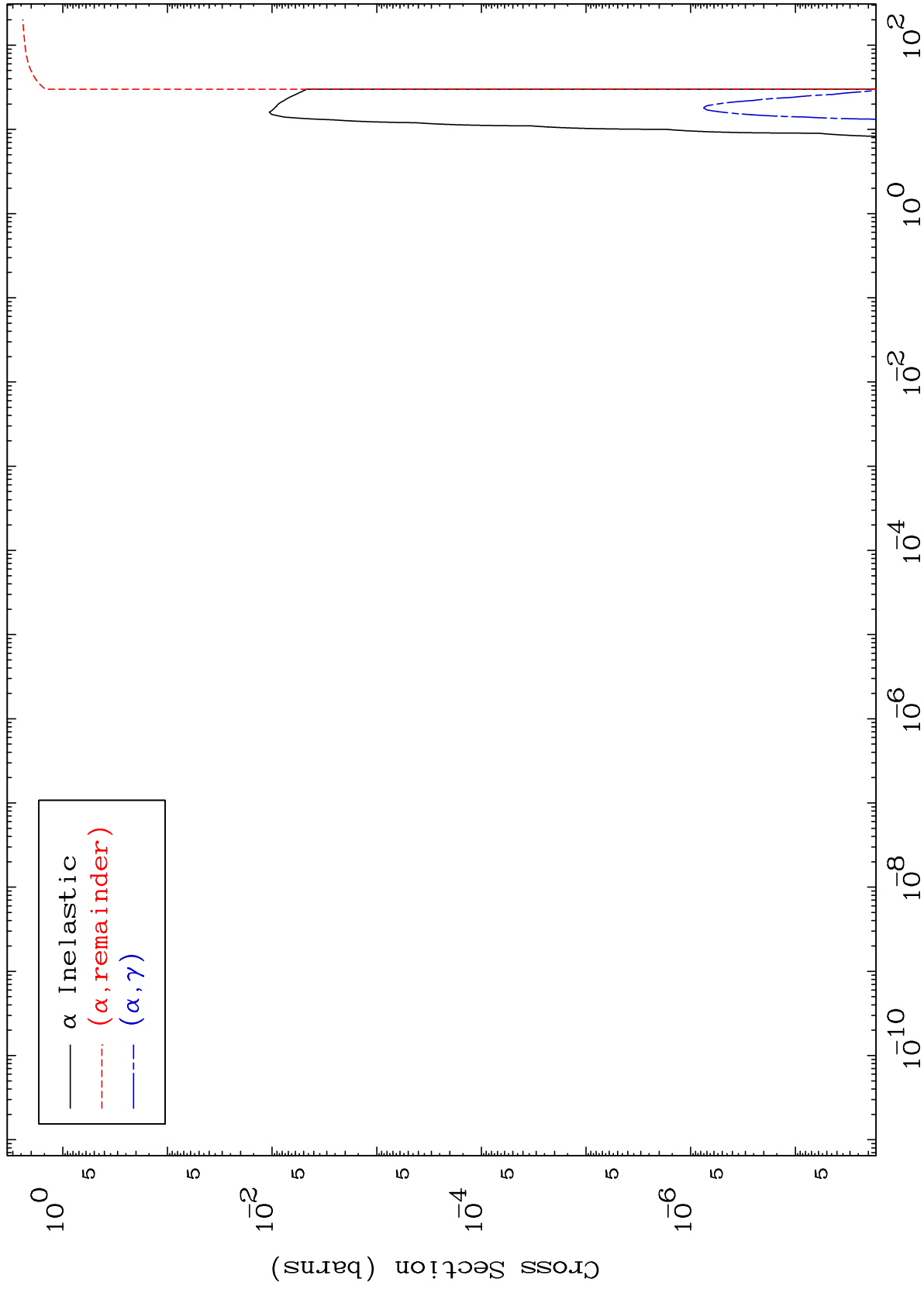
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5743

0 Kelvin α Major
Cross Sections

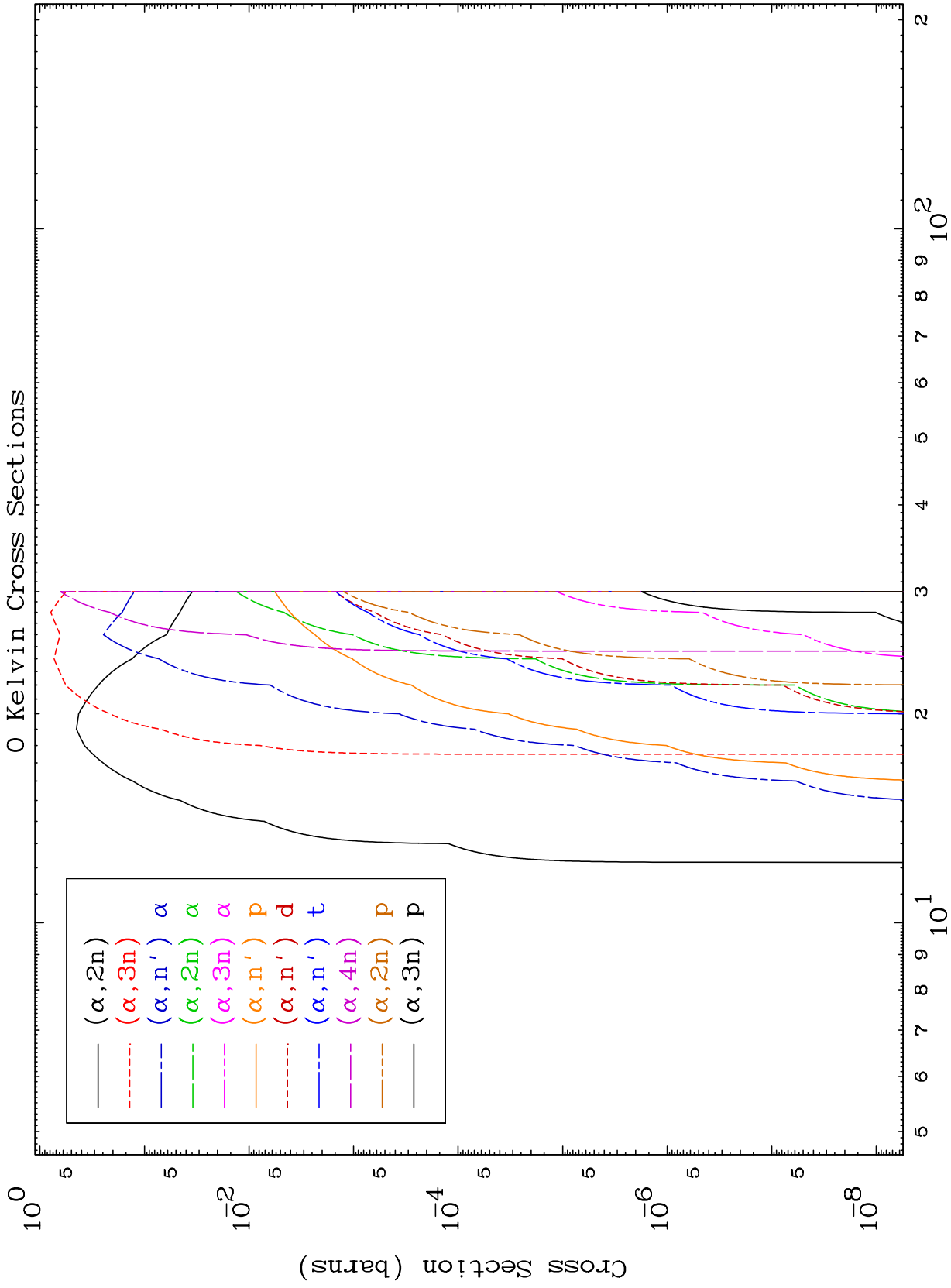
57-La-144



MAT 5743

α Neutron Production
0 Kelvin Cross Sections

57-La-144



2

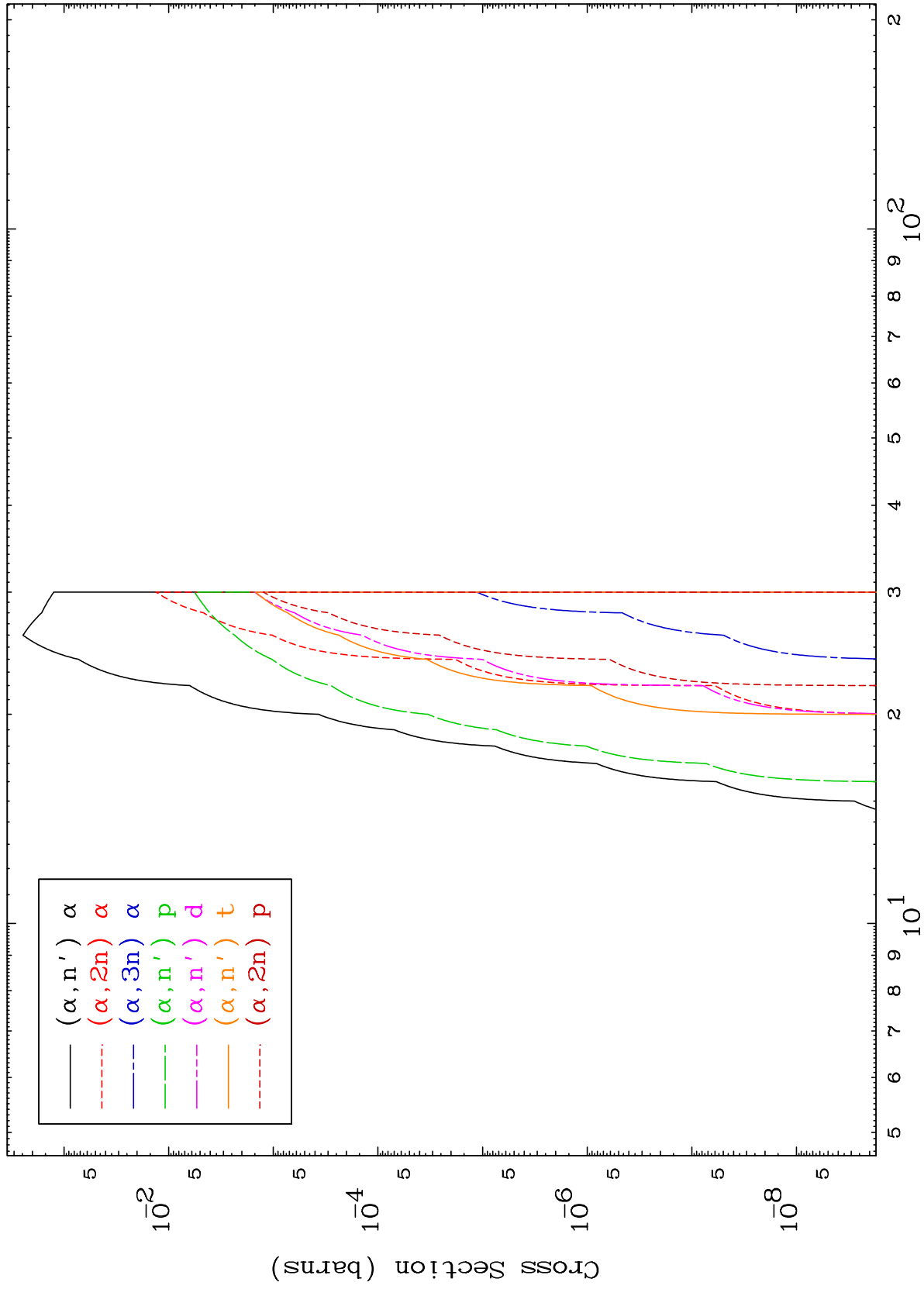
Incident Energy (MeV)

57-La-144

MAT 5743

α Charged Particle
0 Kelvin Cross Sections

57-La-144



3

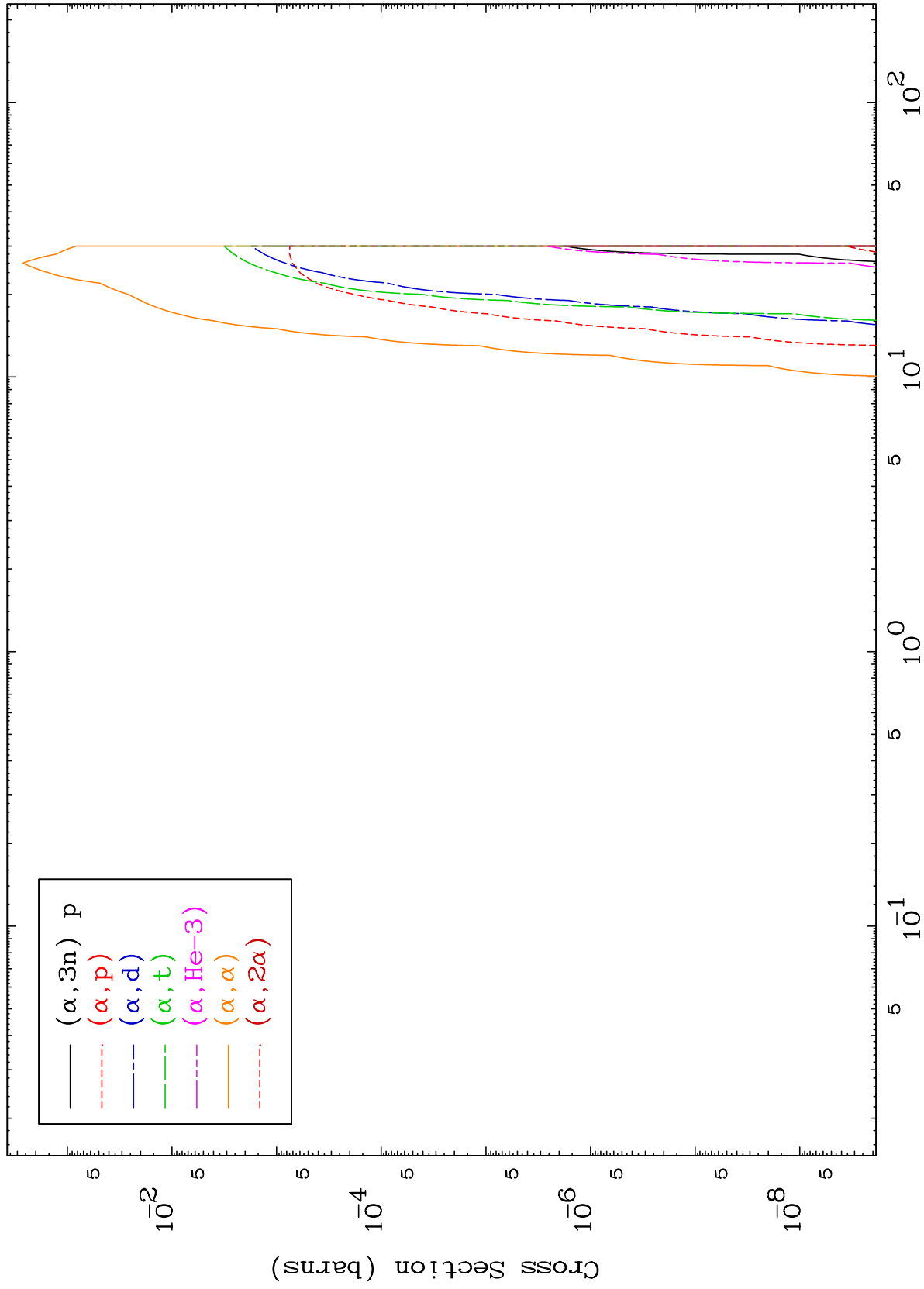
Incident Energy (MeV)

57-La-144

MAT 5743

α Charged Particle
0 Kelvin Cross Sections

57-La-144



4

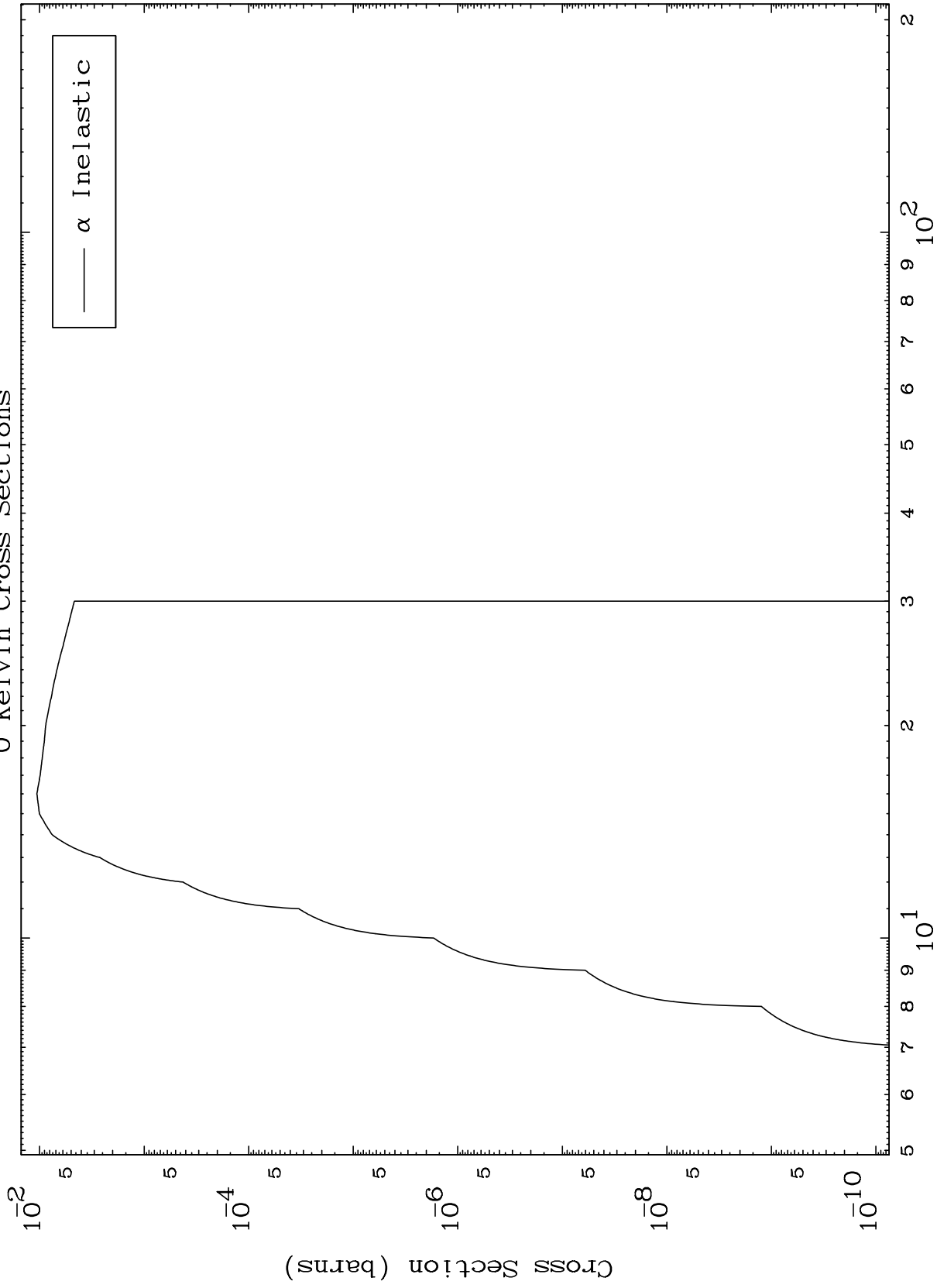
Incident Energy (MeV)

57-La-144

MAT 5743

(α, n') Level
0 Kelvin Cross Sections

57-La-144



5

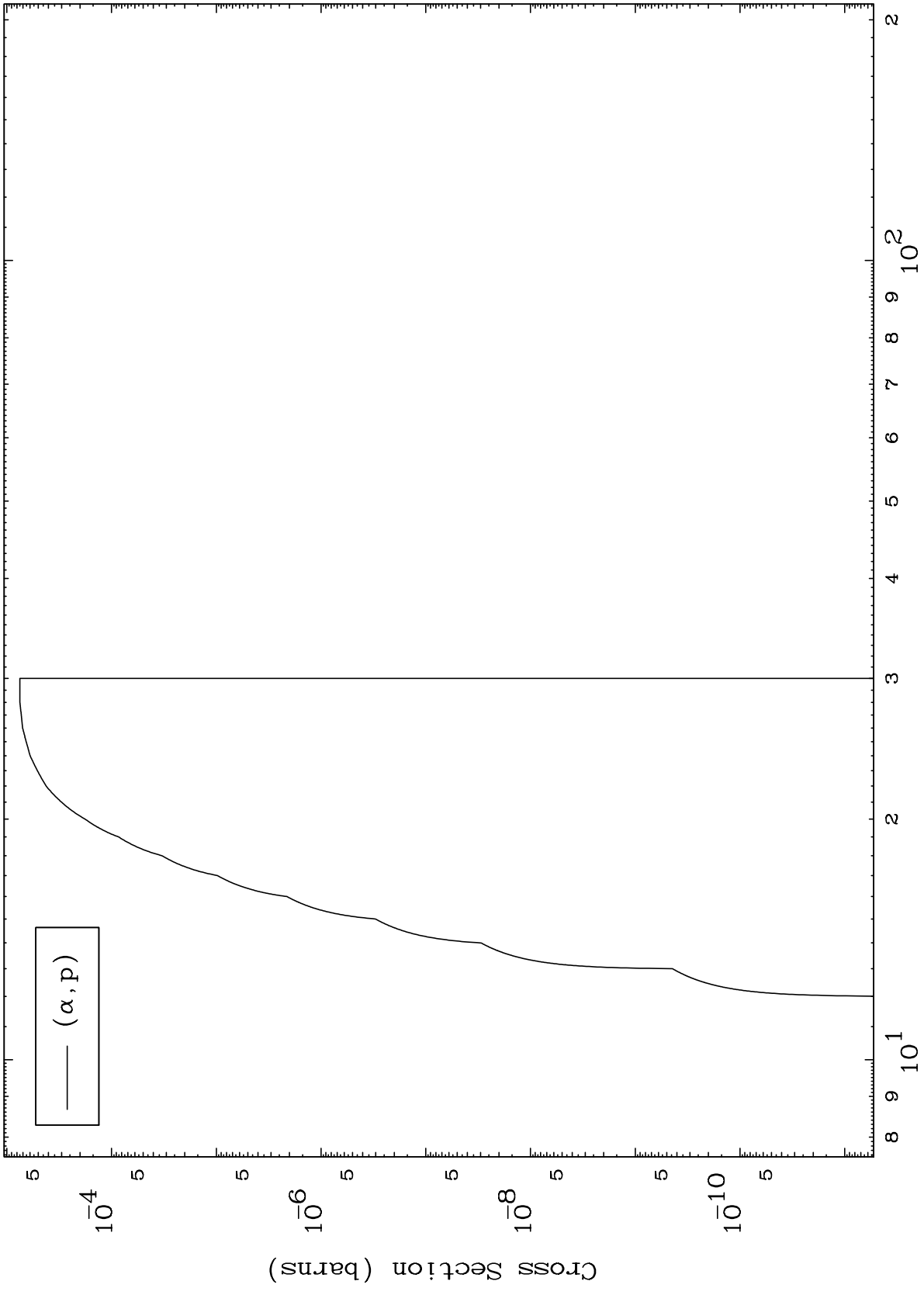
Incident Energy (MeV)

57-La-144

MAT 5743

(α, p) Levels
0 Kelvin Cross Sections

57-La-144



6

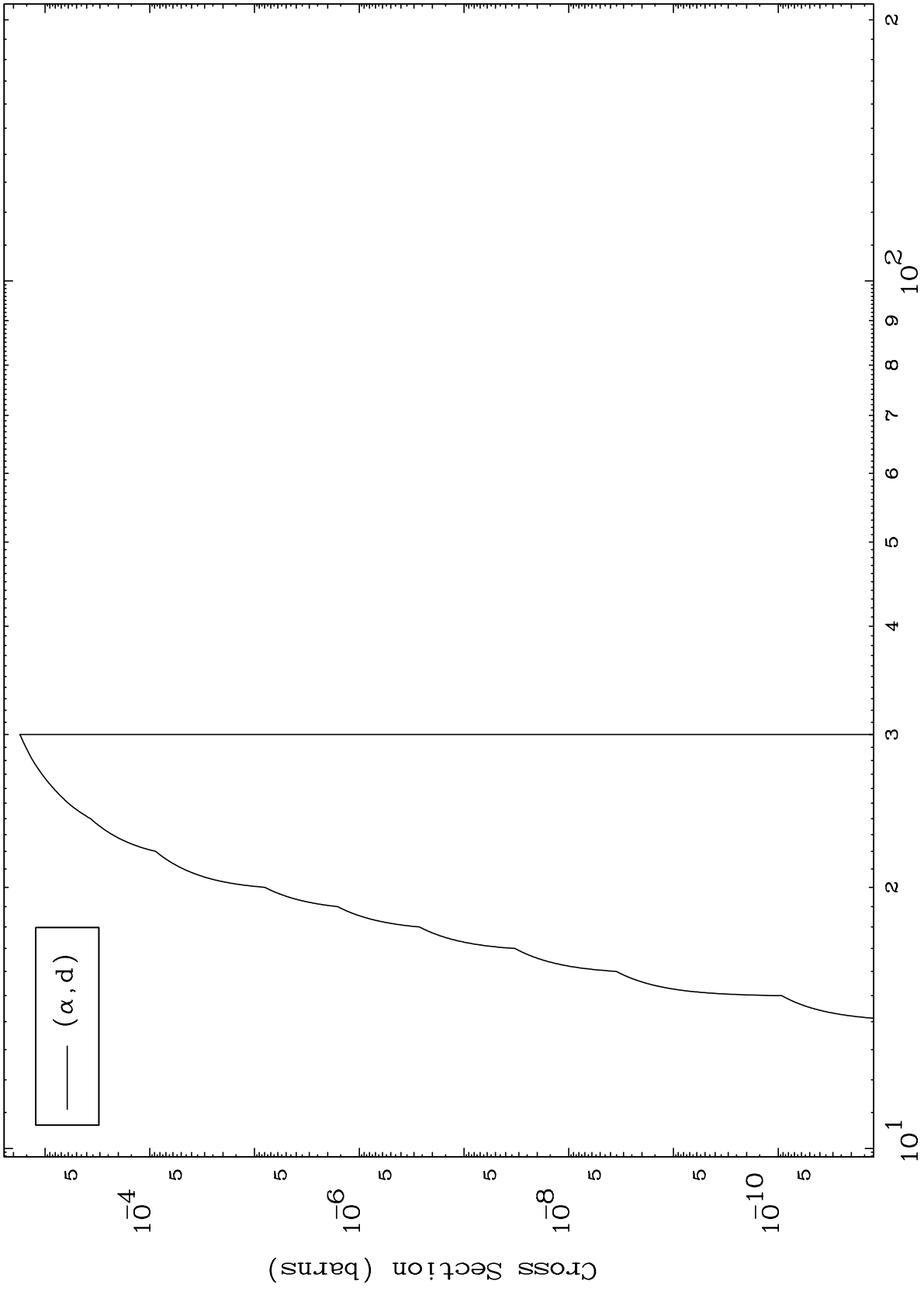
Incident Energy (MeV)

57-La-144

MAT 5743

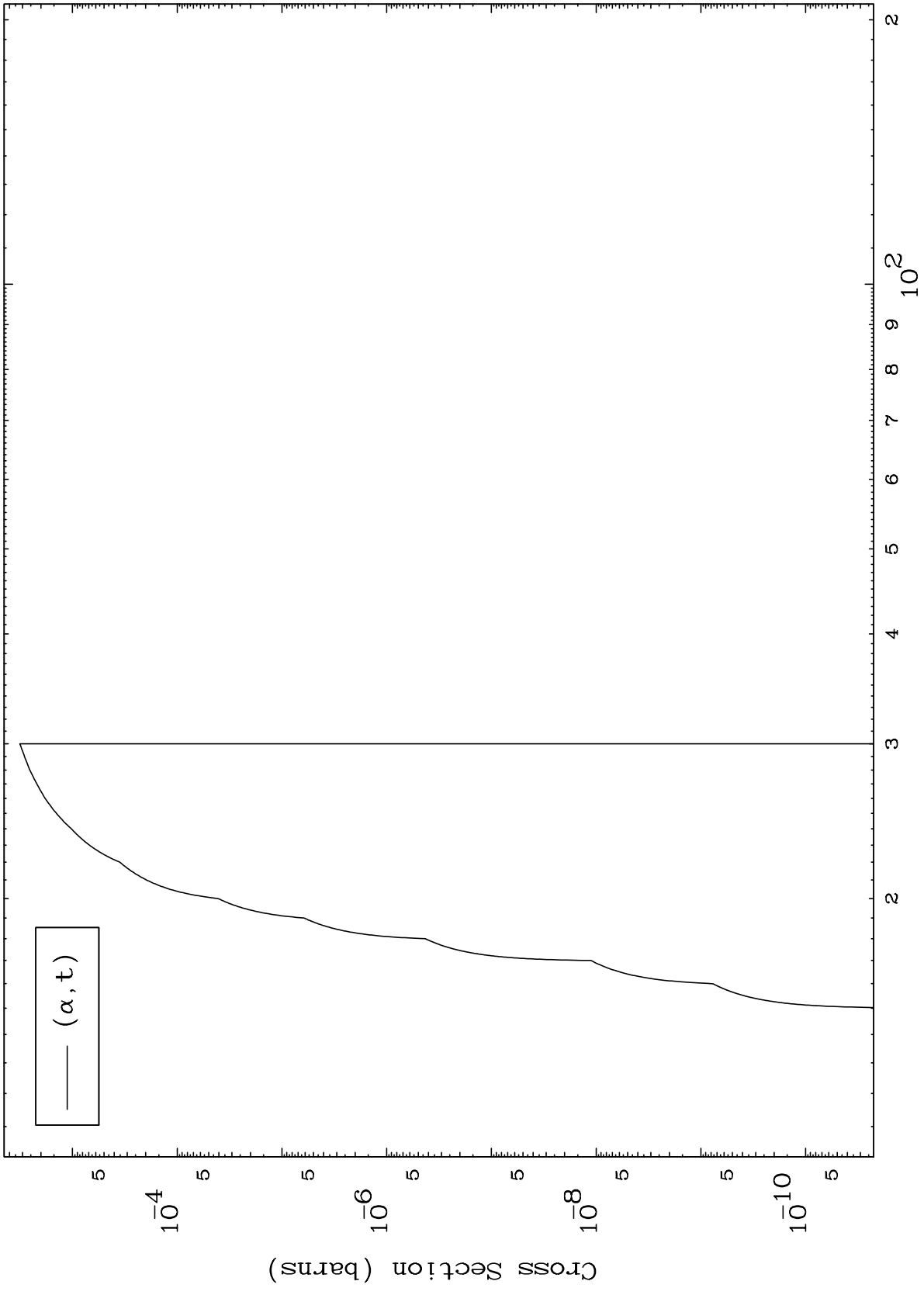
(α, d) Levels
0 Kelvin Cross Sections

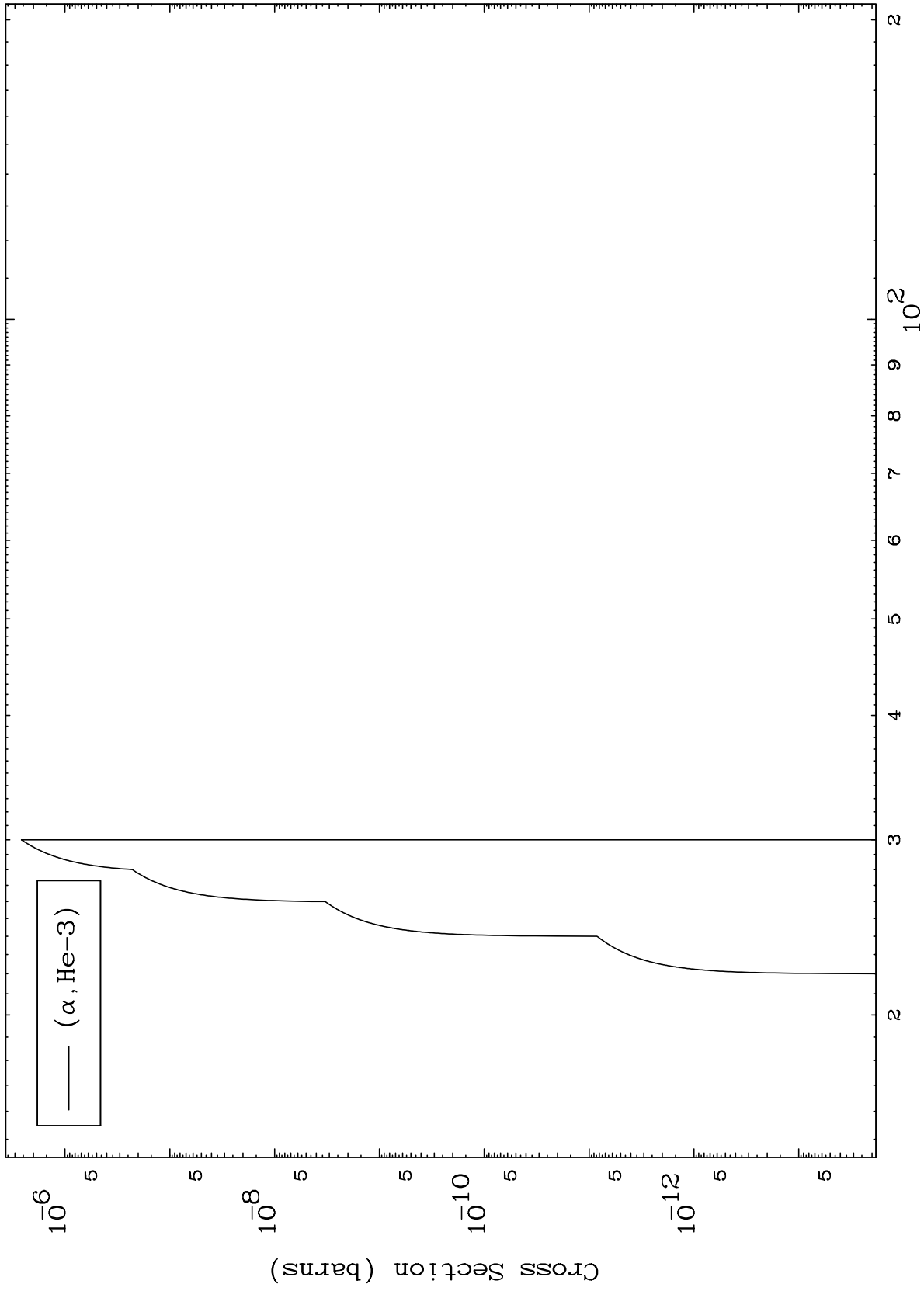
57-La-144



Incident Energy (MeV)

57-La-144

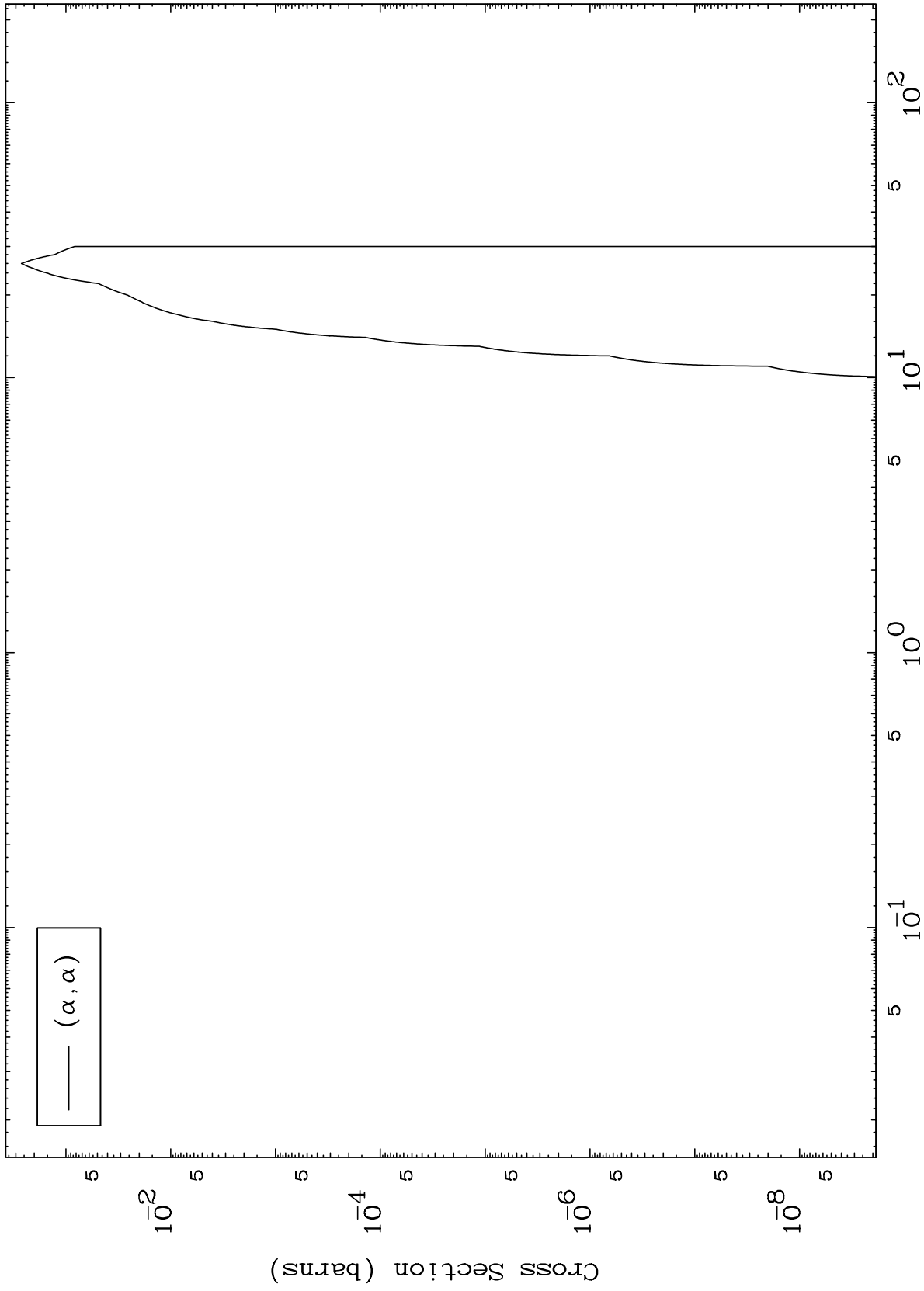




MAT 5743

(α, α) Levels
0 Kelvin Cross Sections

57-La-144



10

Incident Energy (MeV)

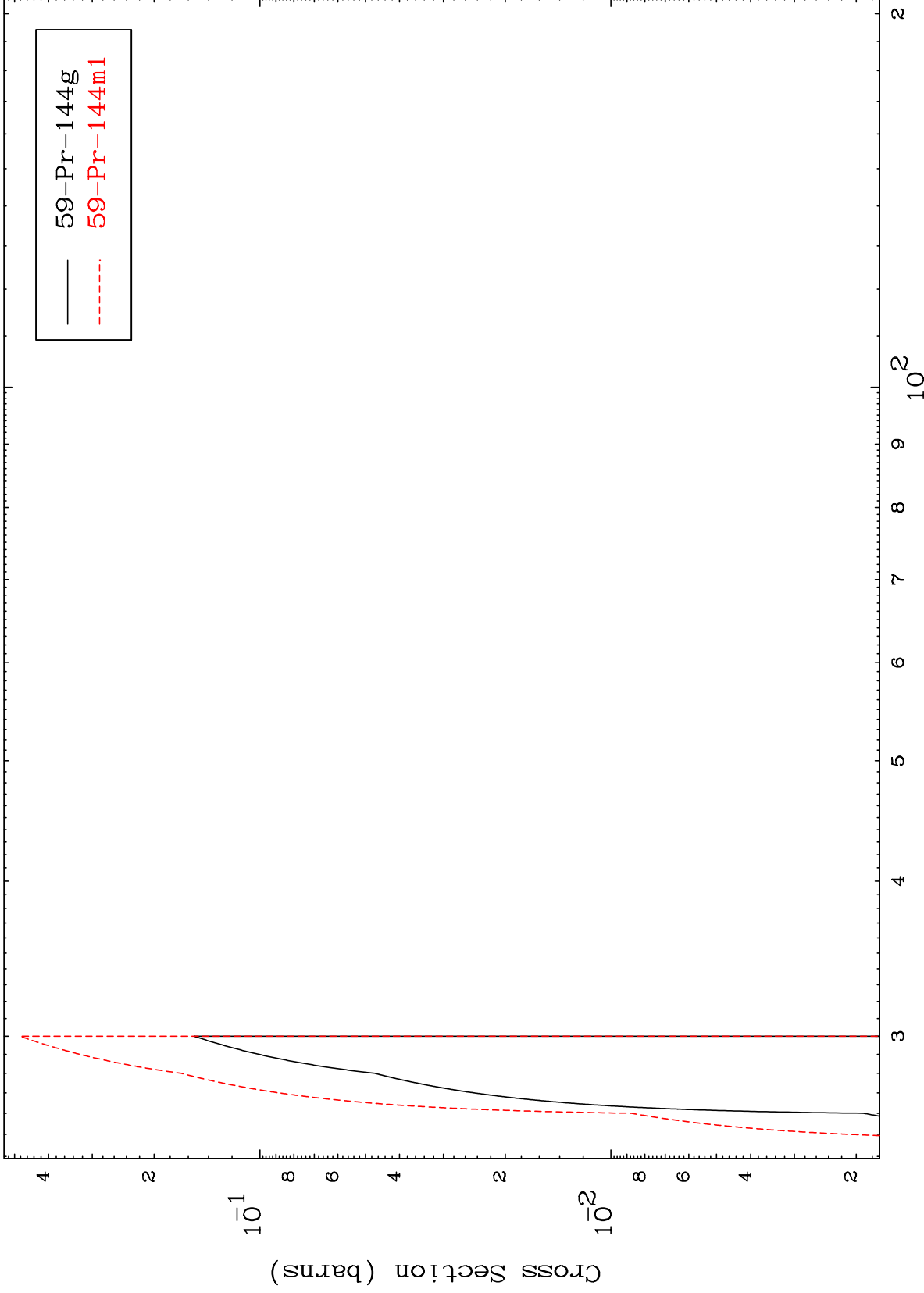
57-La-144

MAT 5743

($\alpha, 4n$)

57-La-144

Radionuclide Production Cross Section



11

Incident Energy (MeV)

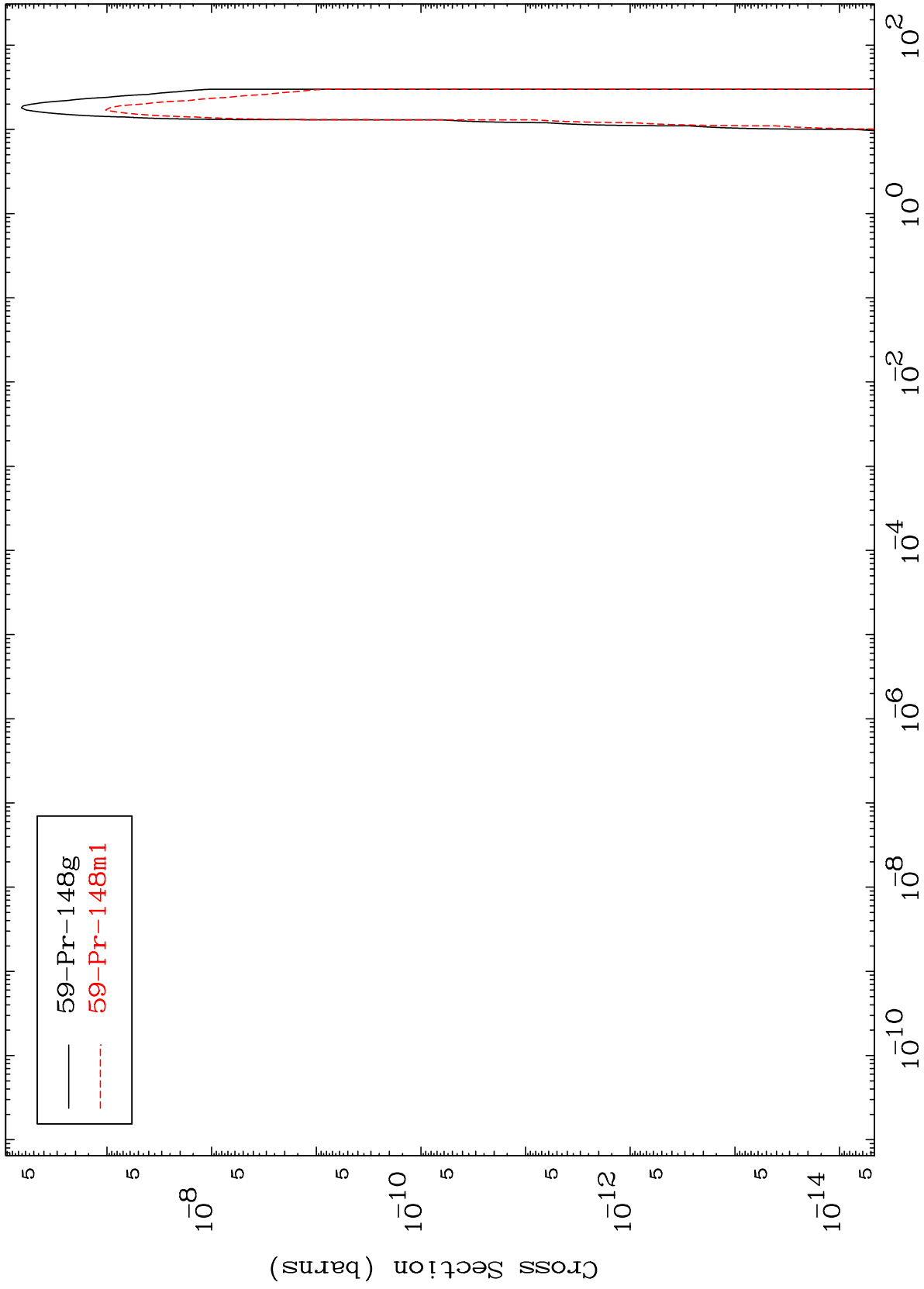
57-La-144

MAT 5743

(α, γ)

57-La-144

Radionuclide Production Cross Section



12

Incident Energy (MeV)

57-La-144