

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

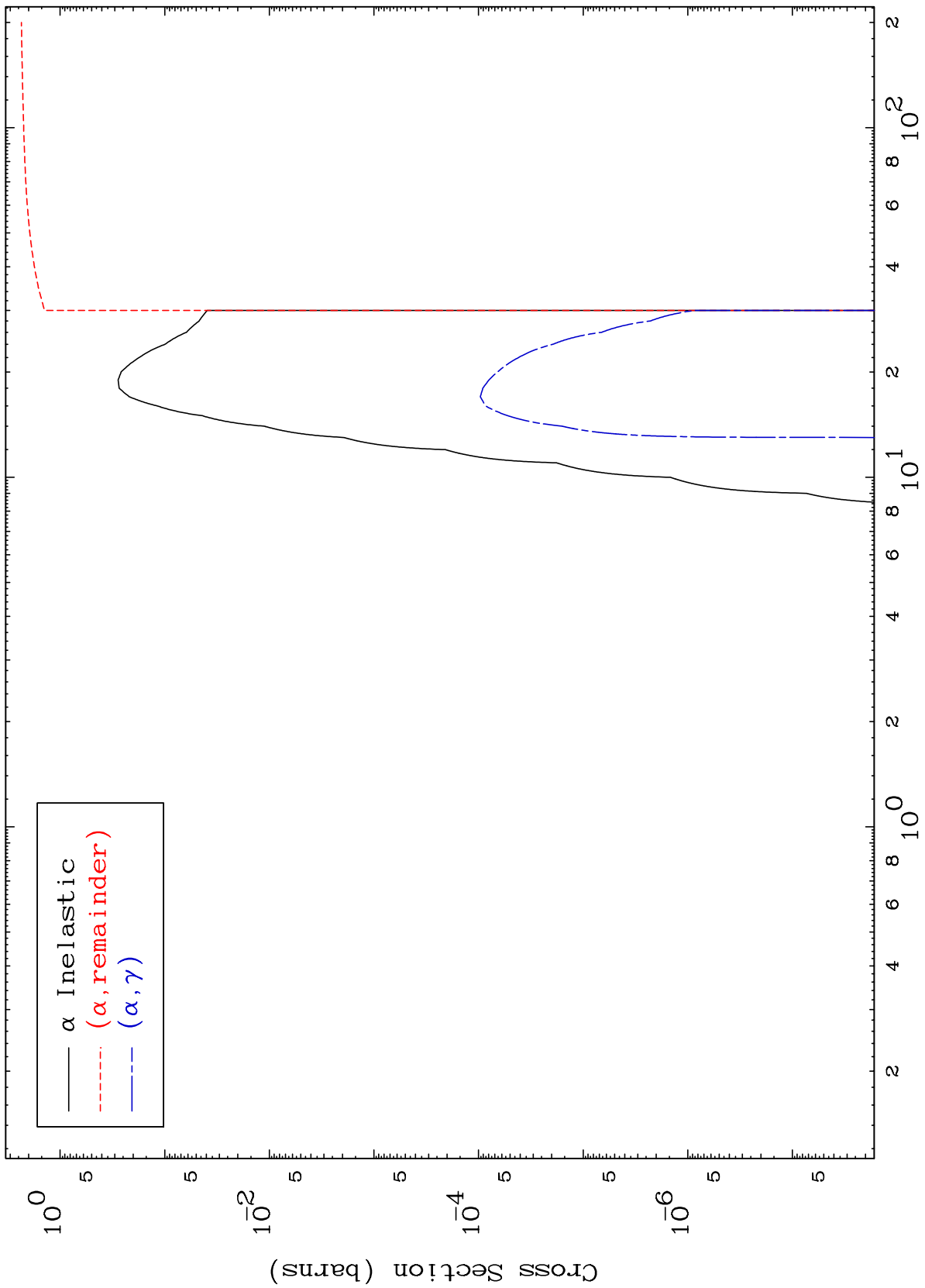
Press Mouse Button to Start

MAT 5722

α Major

57-La-137

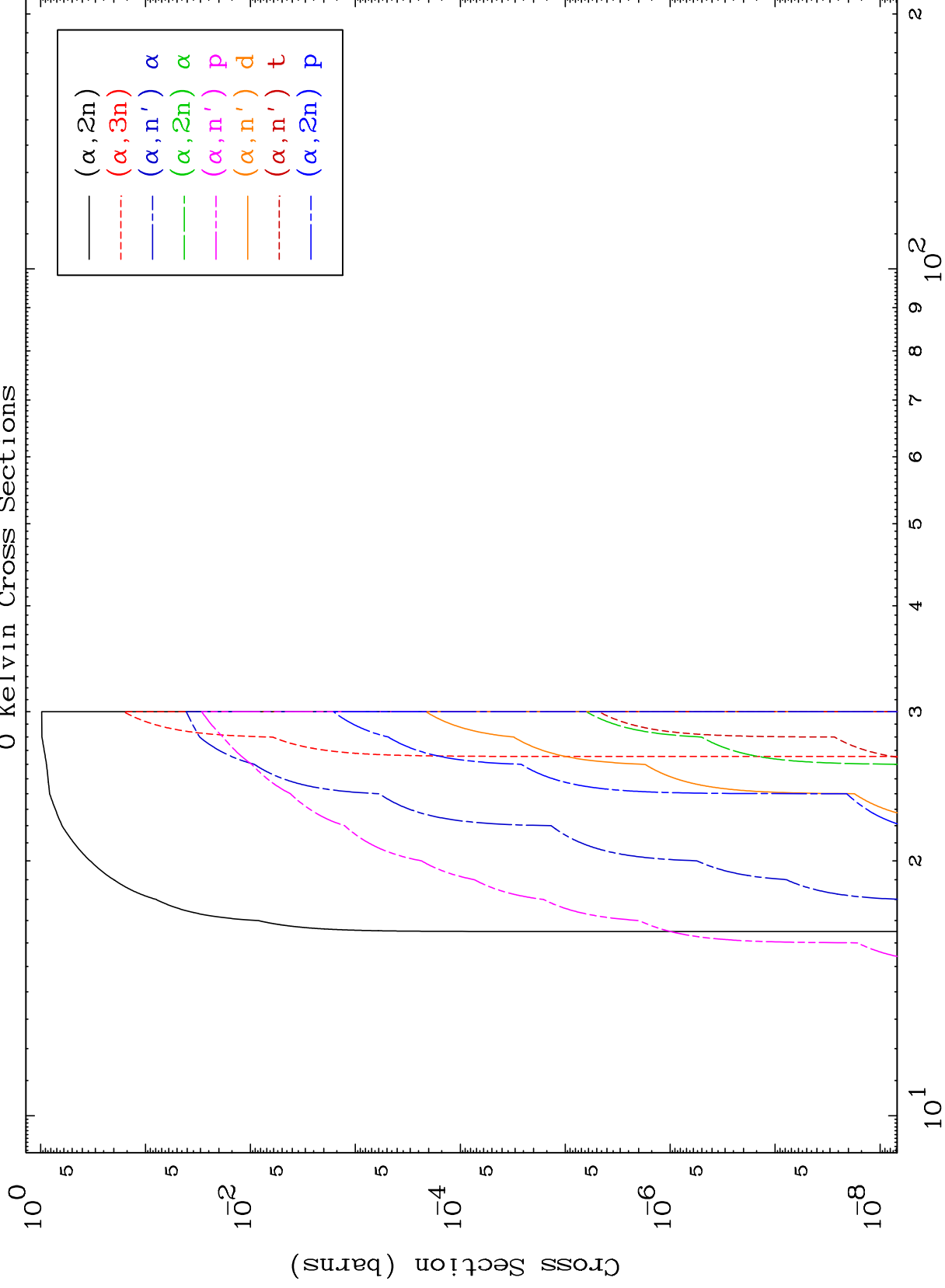
0 Kelvin Cross Sections



MAT 5722

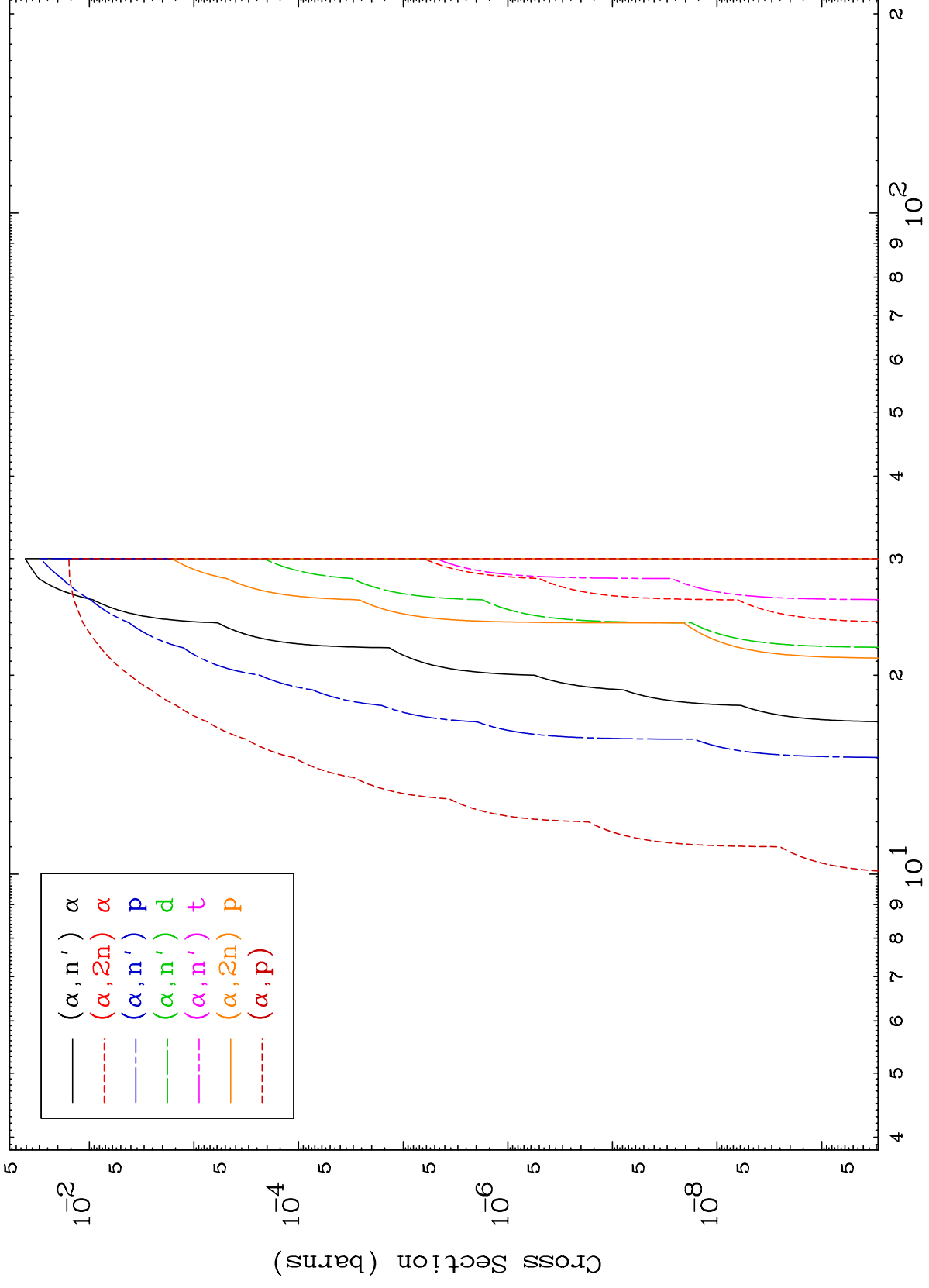
α Neutron Production
0 Kelvin Cross Sections

57-La-137



Incident Energy (MeV)

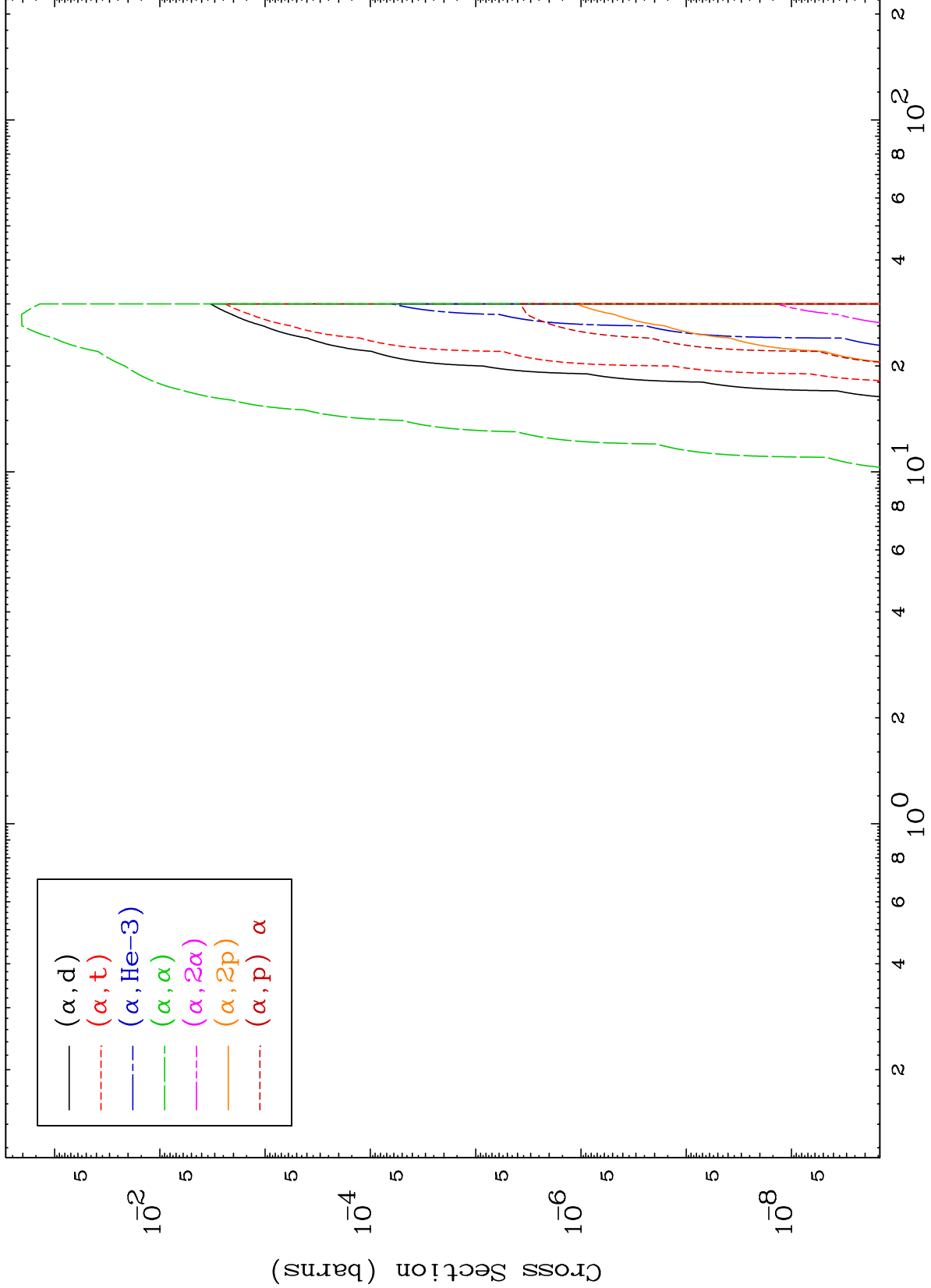
57-La-137



MAT 5722

α Charged Particle
0 Kelvin Cross Sections

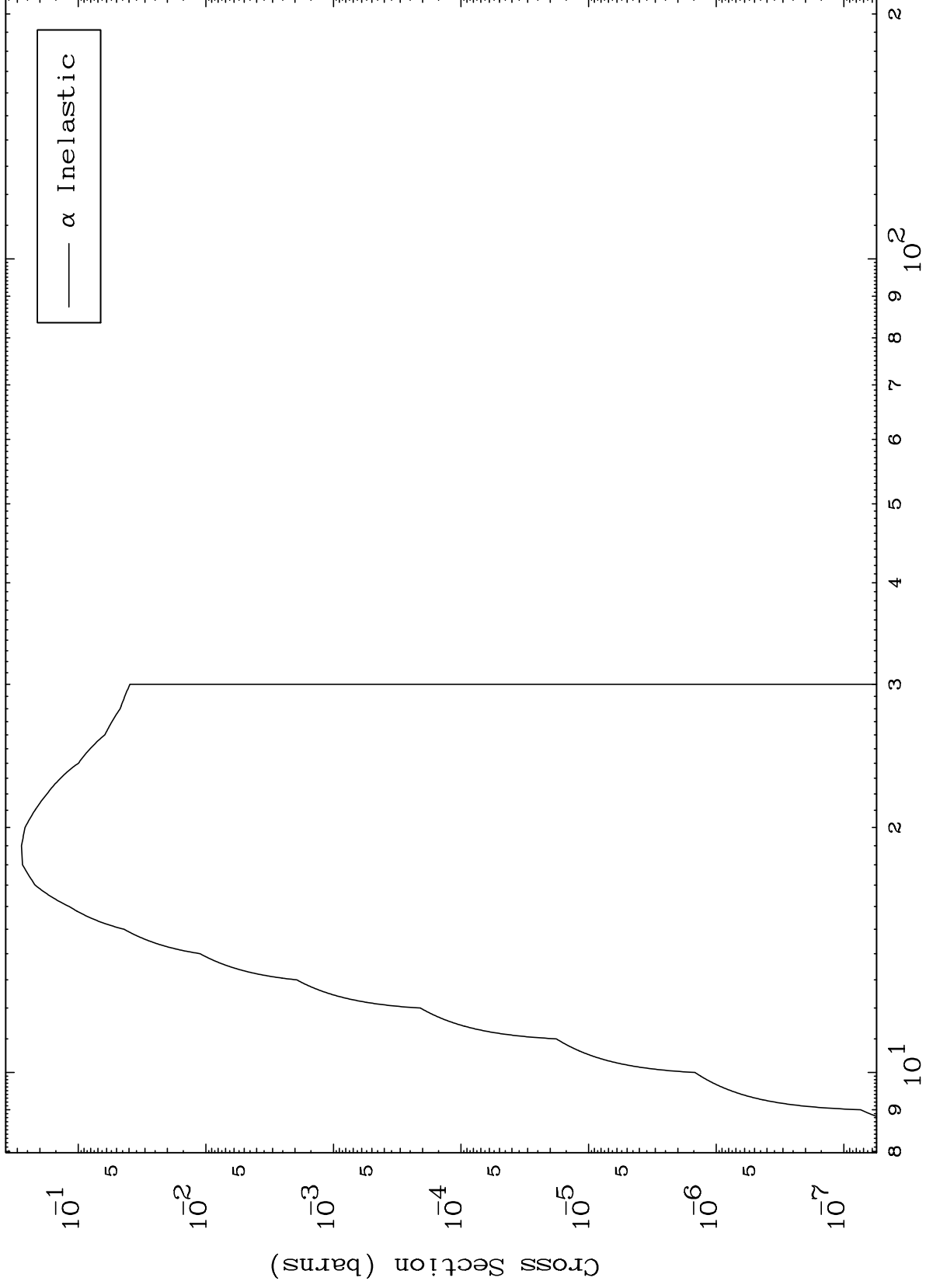
57-La-137



MAT 5722

(α, n') Level
0 Kelvin Cross Sections

57-La-137



Incident Energy (MeV)

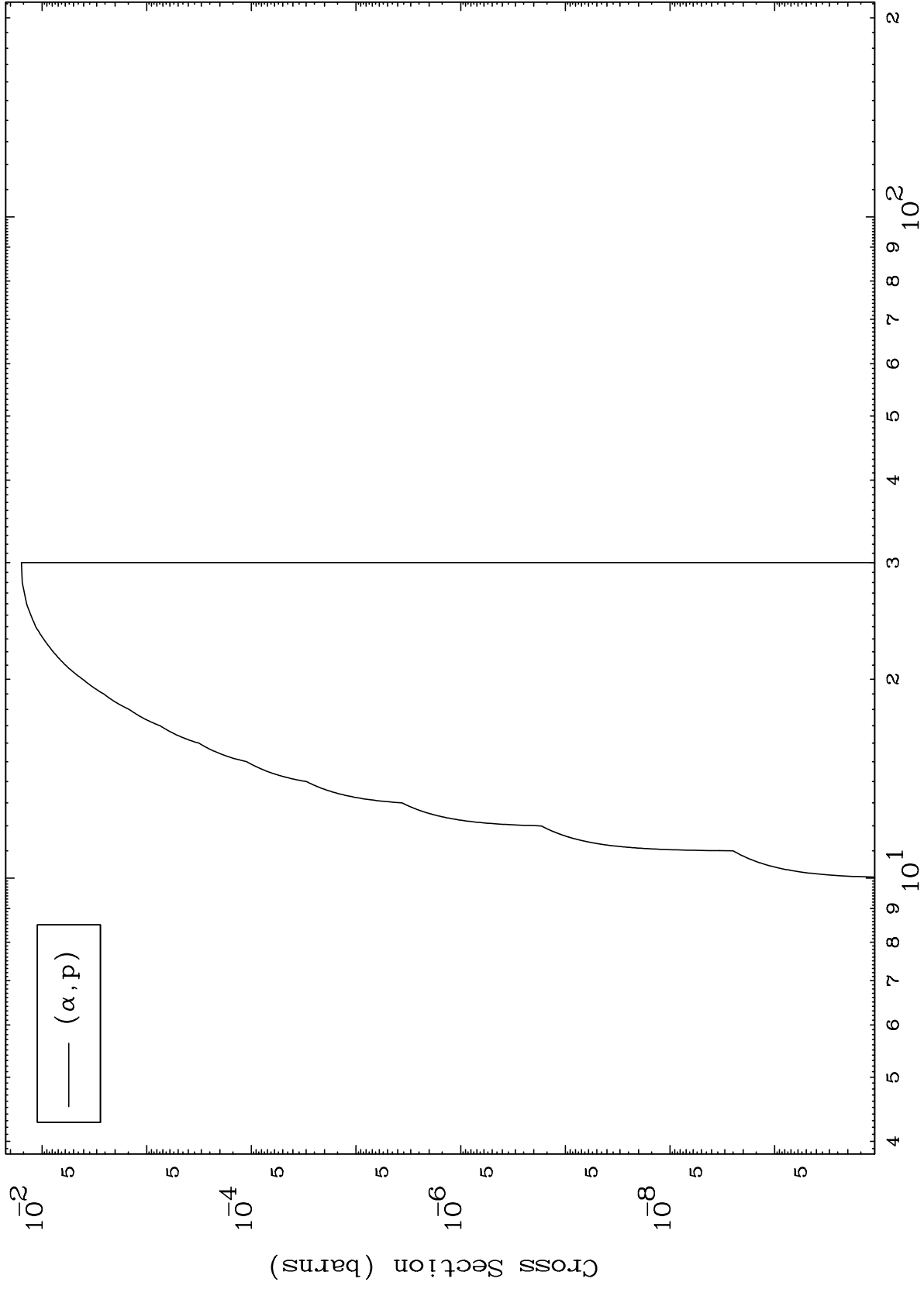
57-La-137

5

MAT 5722

(α, p) Levels
0 Kelvin Cross Sections

57-La-137



(α, p)

6

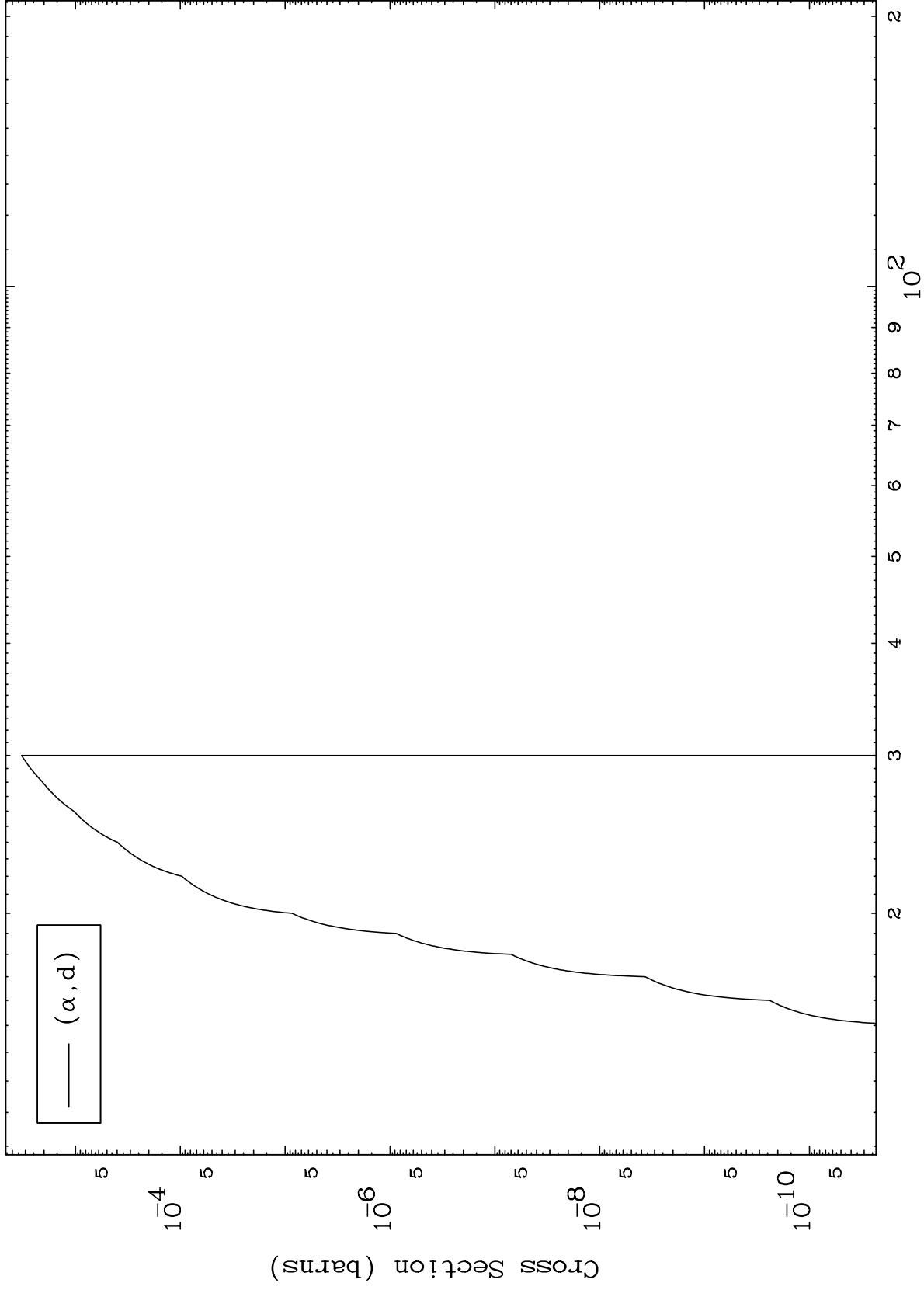
Incident Energy (MeV)

57-La-137

MAT 5722

(α, d) Levels
0 Kelvin Cross Sections

57-La-137

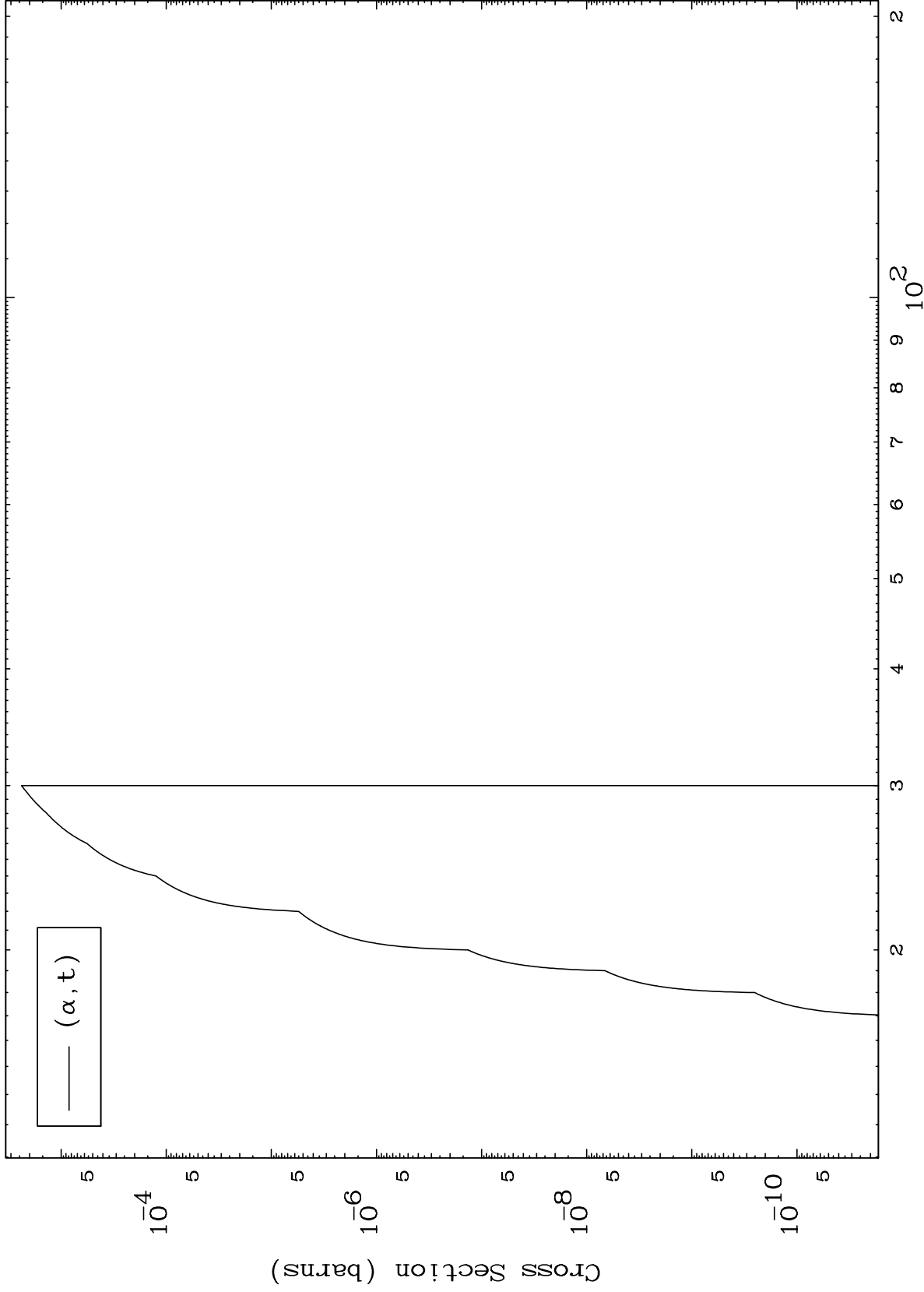


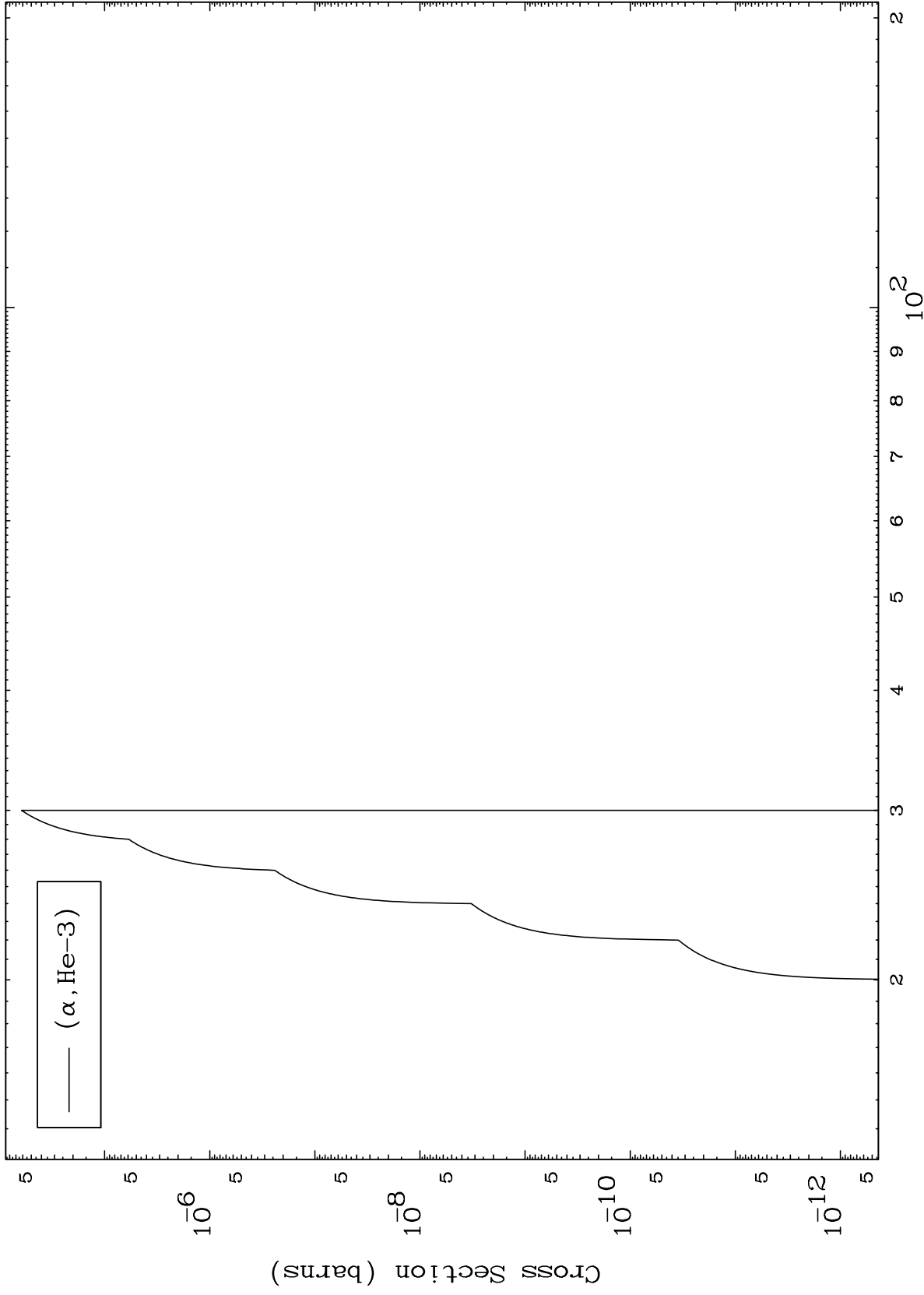
7

Incident Energy (MeV)

57-La-137

(α, t) Levels
0 Kelvin Cross Sections

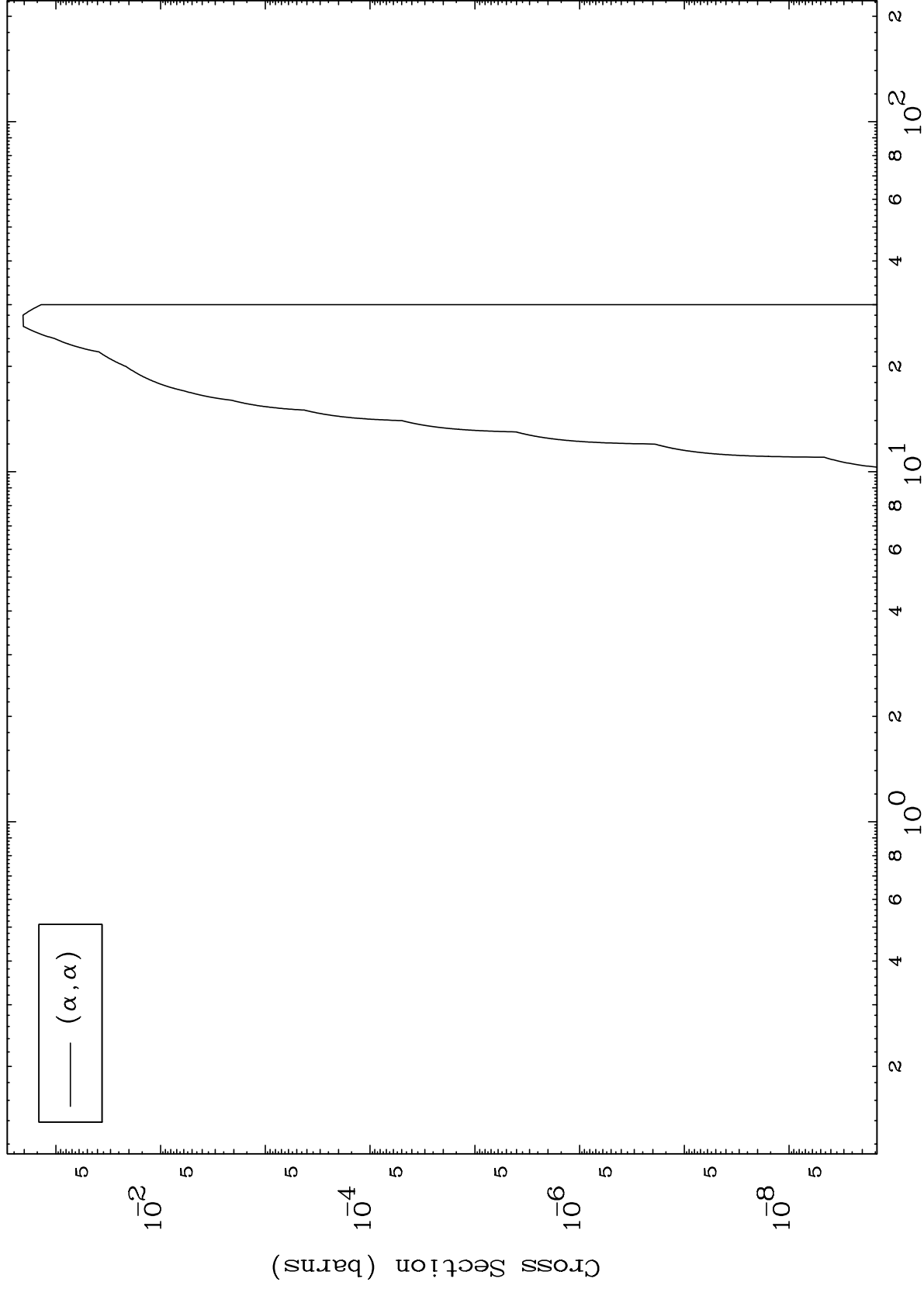




MAT 5722

57-La-137

(α, α) Levels
0 Kelvin Cross Sections



57-La-137

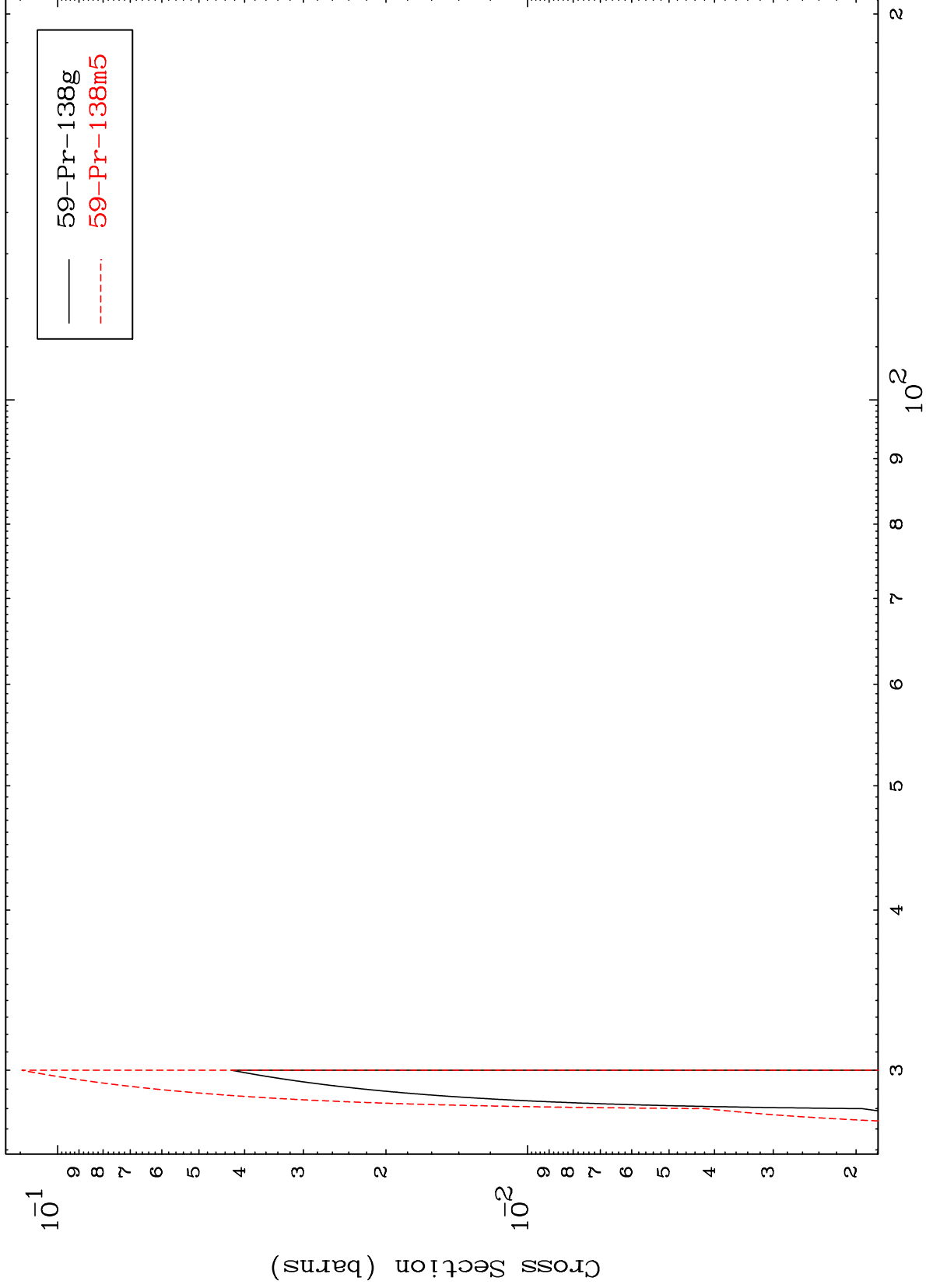
Incident Energy (MeV)

10

MAT 5722

57-La-137

($\alpha, 3n$)
Radionuclide Production Cross Section

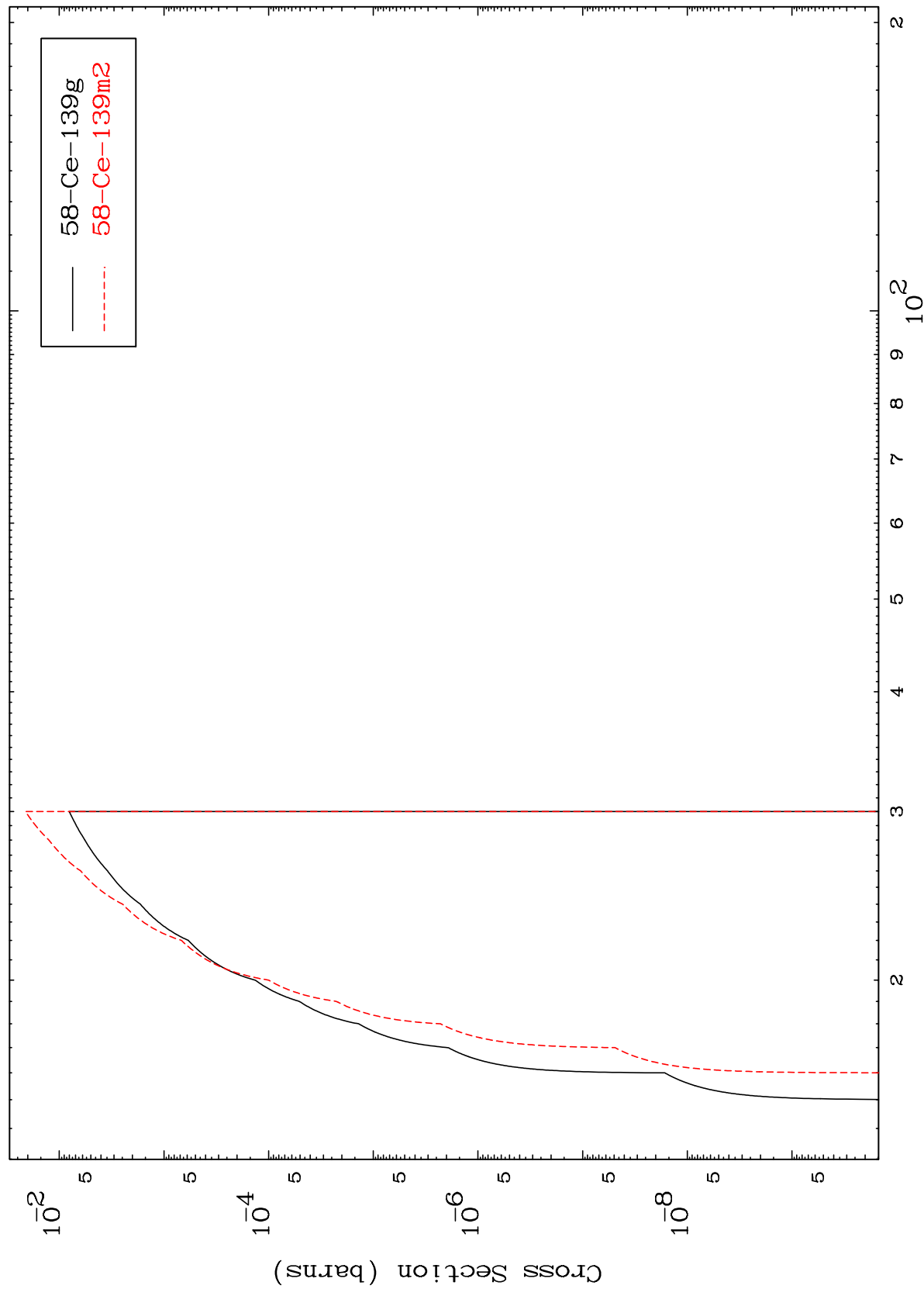


11

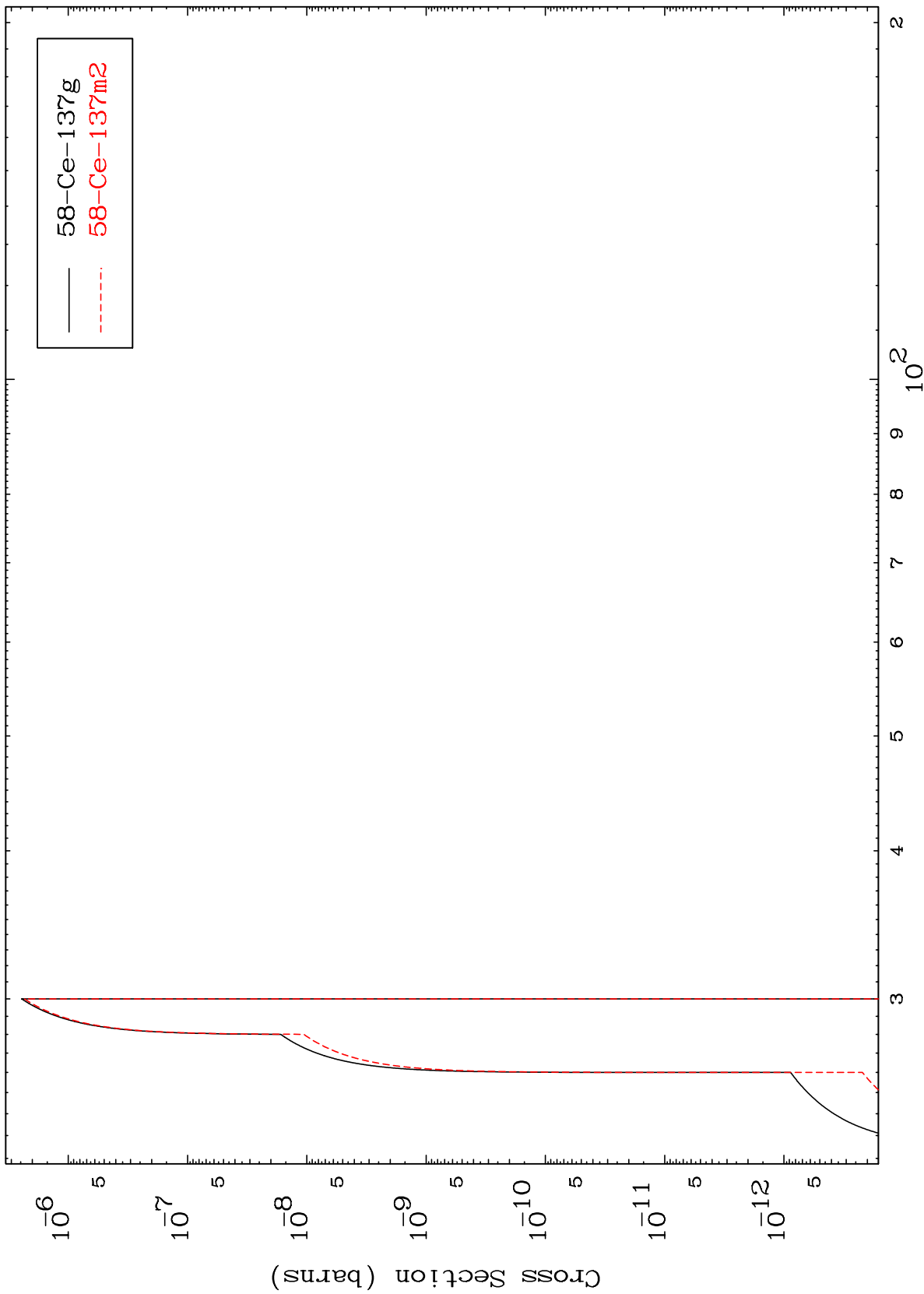
Incident Energy (MeV)

57-La-137

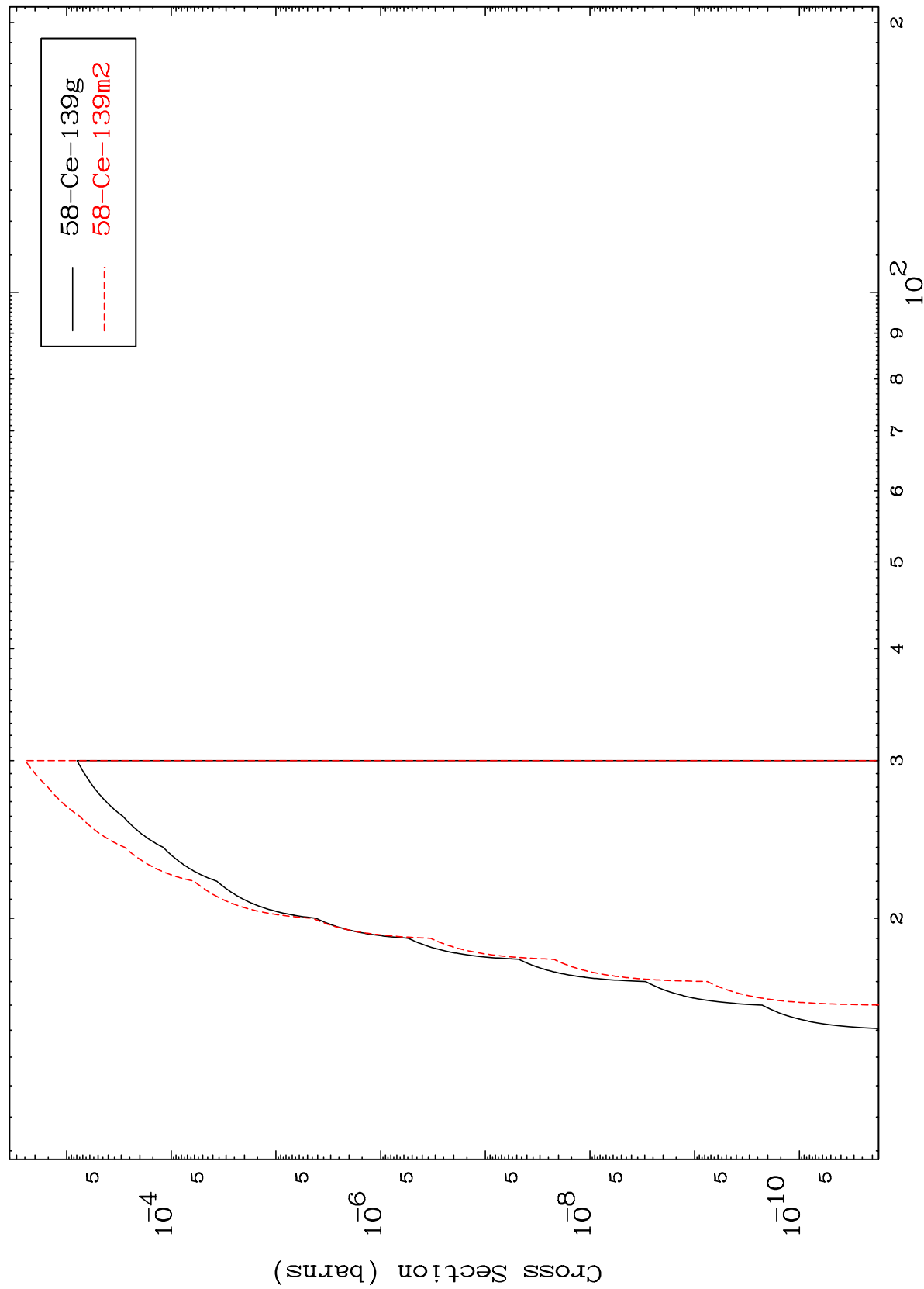
(α, n') p
Radionuclide Production Cross Section



Radionuclide Production Cross Section



(α, d)
Radionuclide Production Cross Section

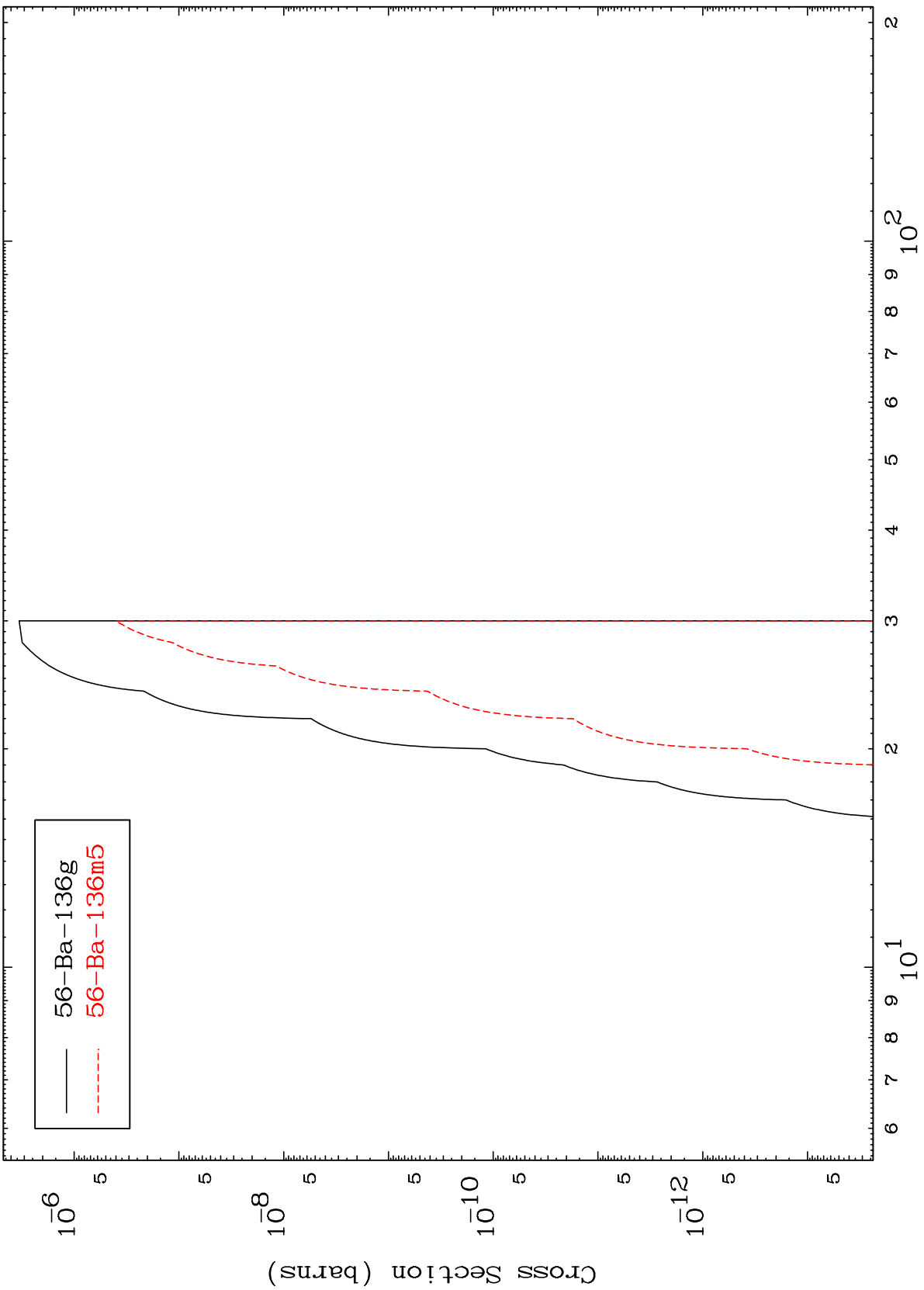


MAT 5722

(α, p) α

57-La-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

57-La-137