

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

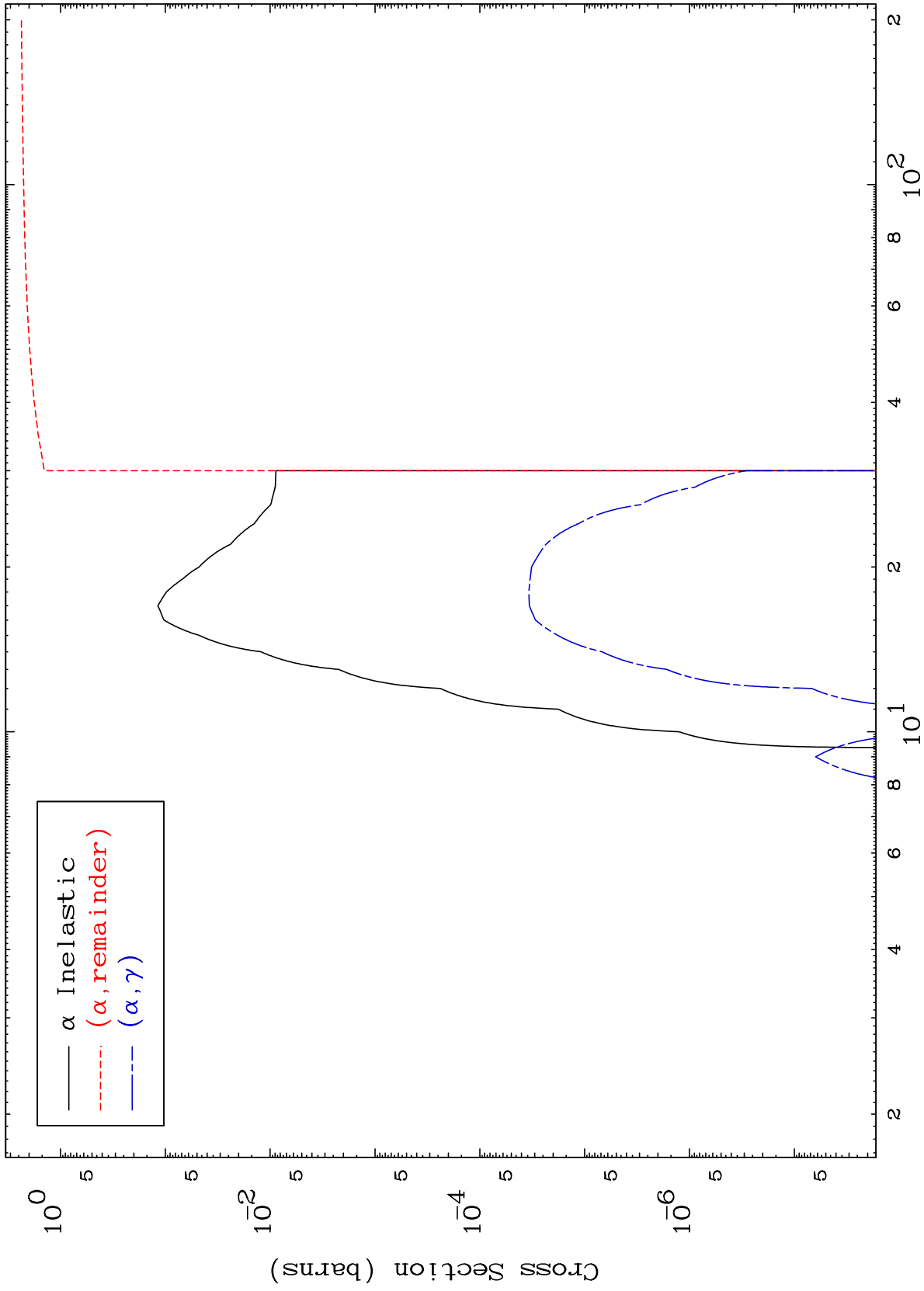
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5728

0 Kelvin α Major
Cross Sections

57-La-139



1

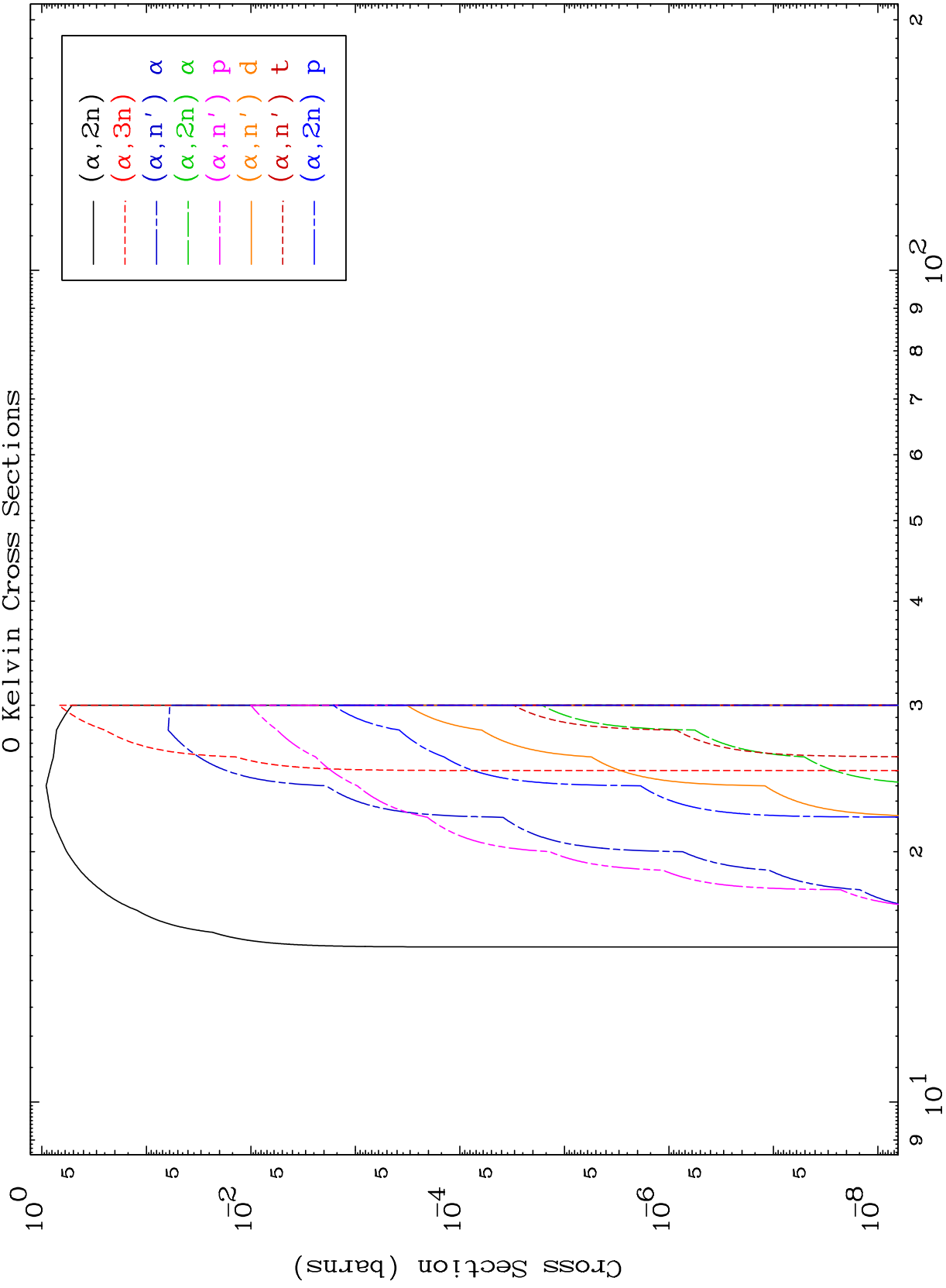
Incident Energy (MeV)

57-La-139

MAT 5728

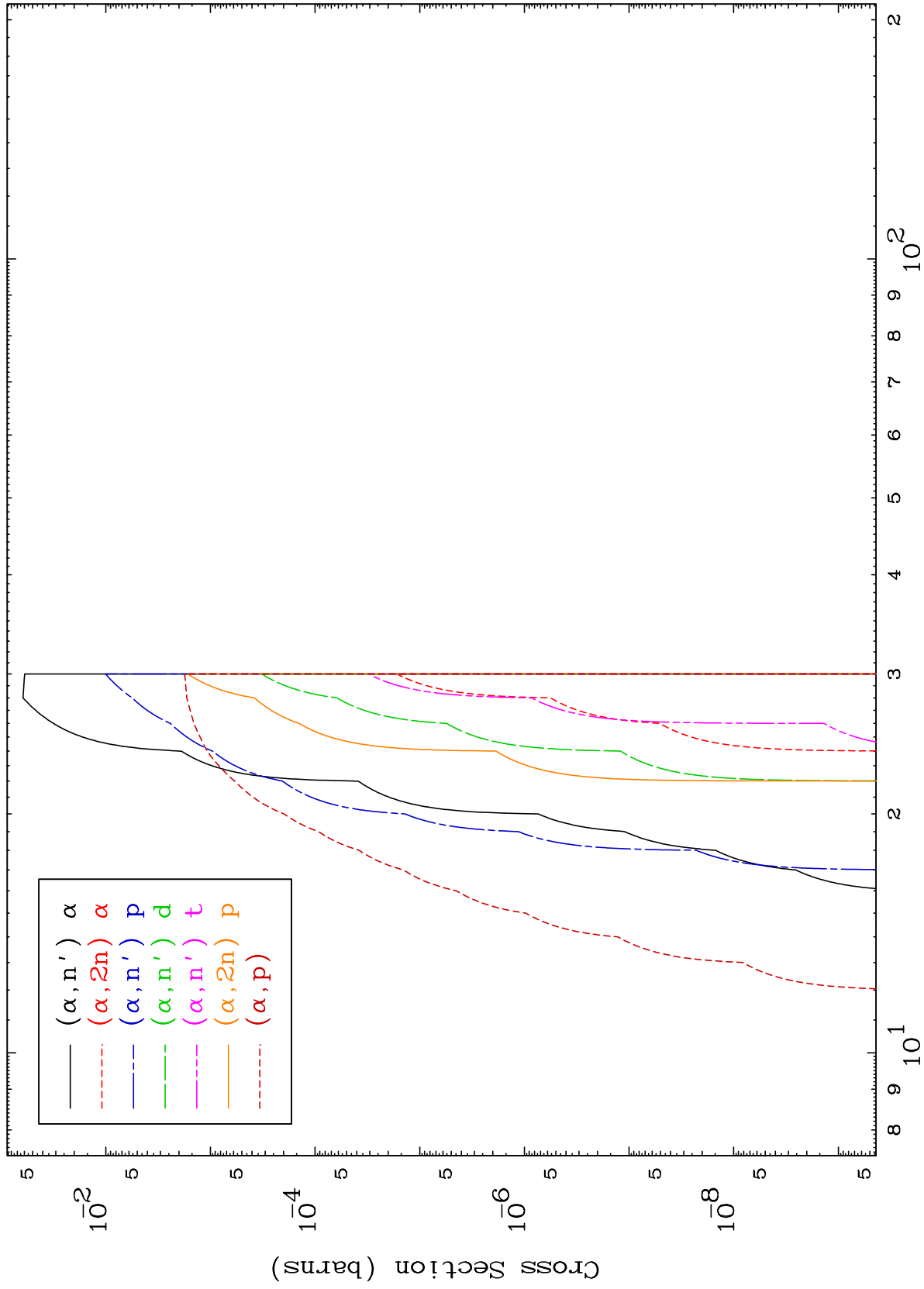
α Neutron Production
0 Kelvin Cross Sections

57-La-139



Incident Energy (MeV)

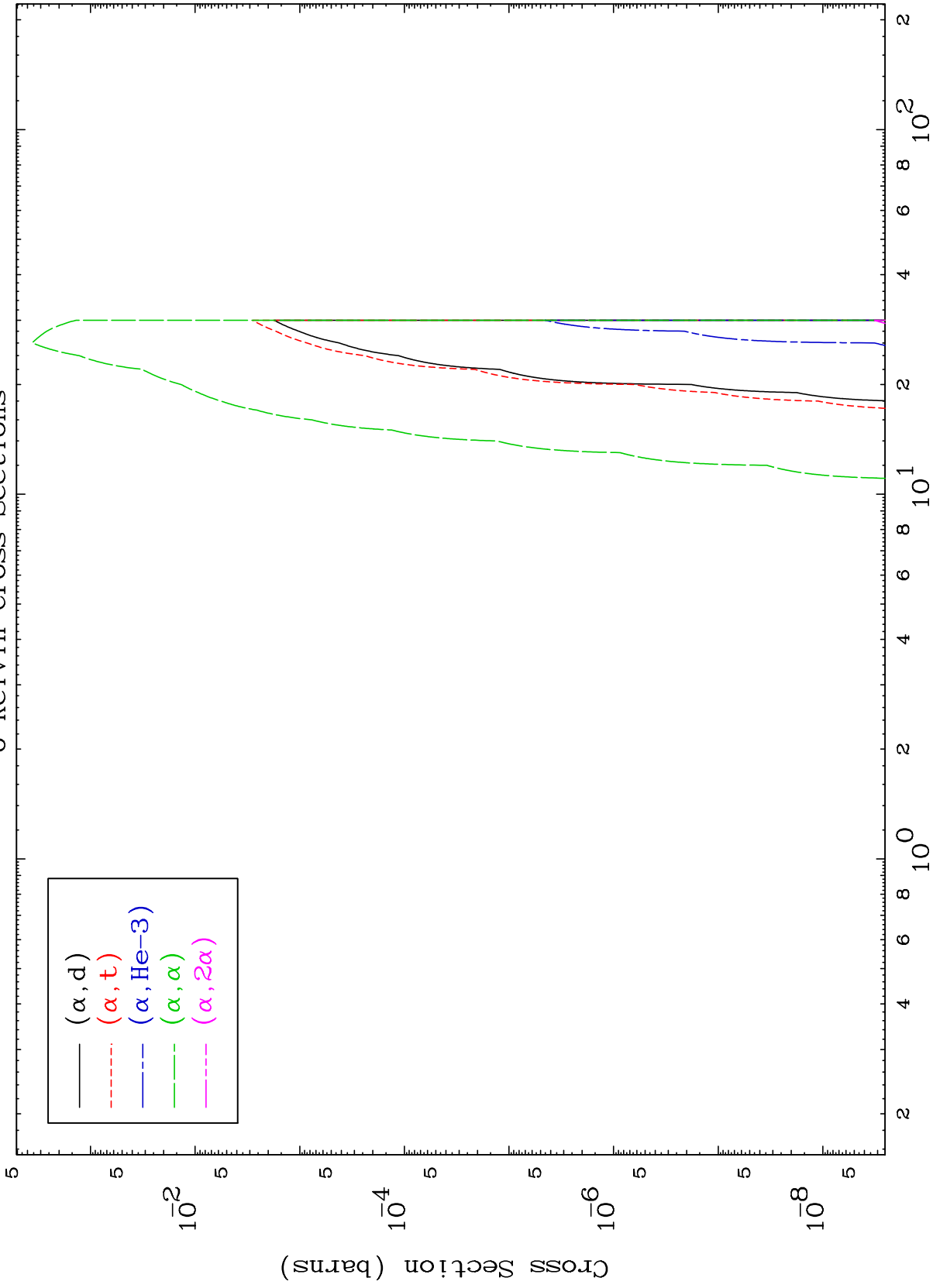
57-La-139



MAT 5728

α Charged Particle
0 Kelvin Cross Sections

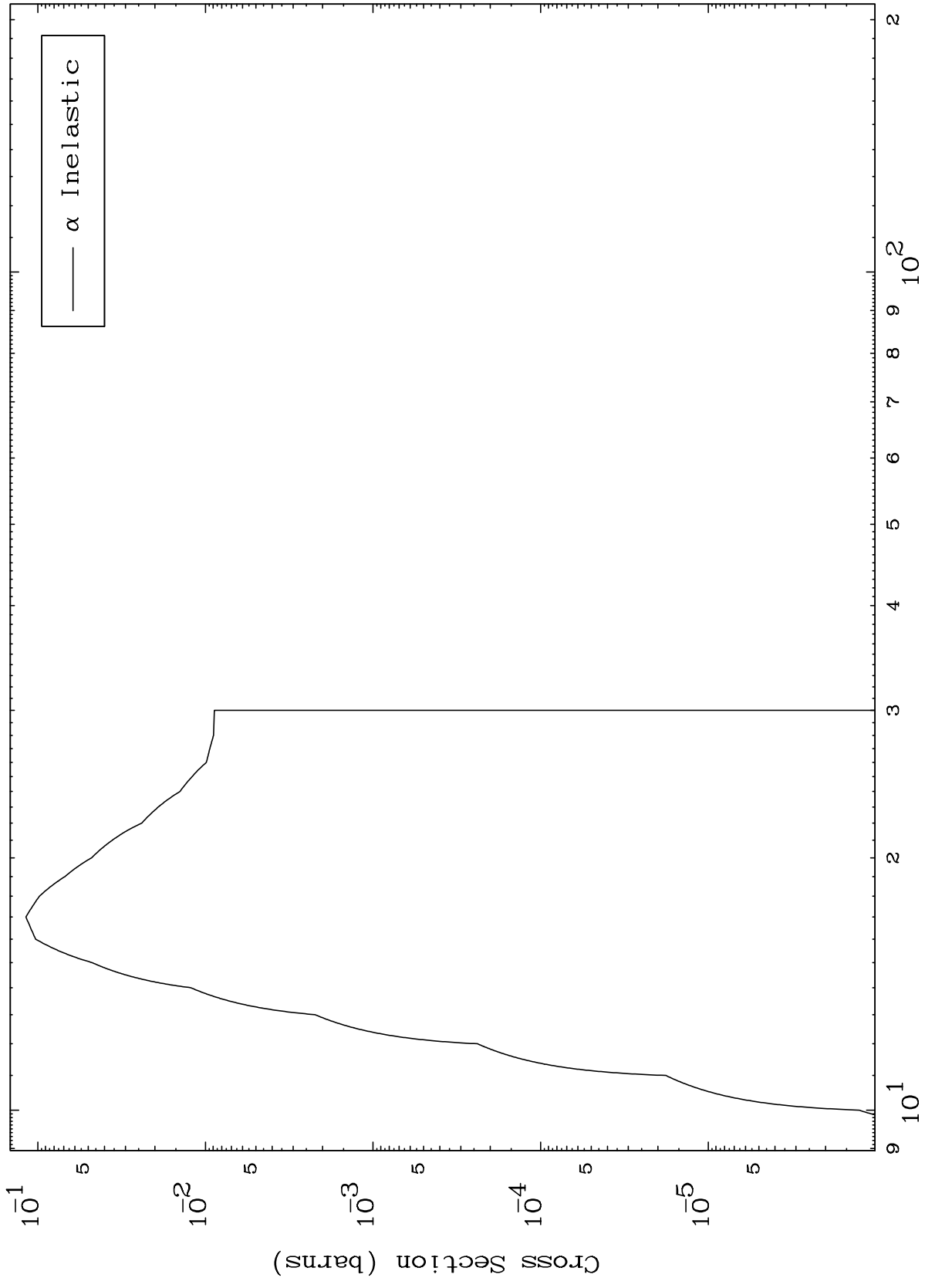
57-La-139



MAT 5728

(α, n') Level
0 Kelvin Cross Sections

57-La-139



5

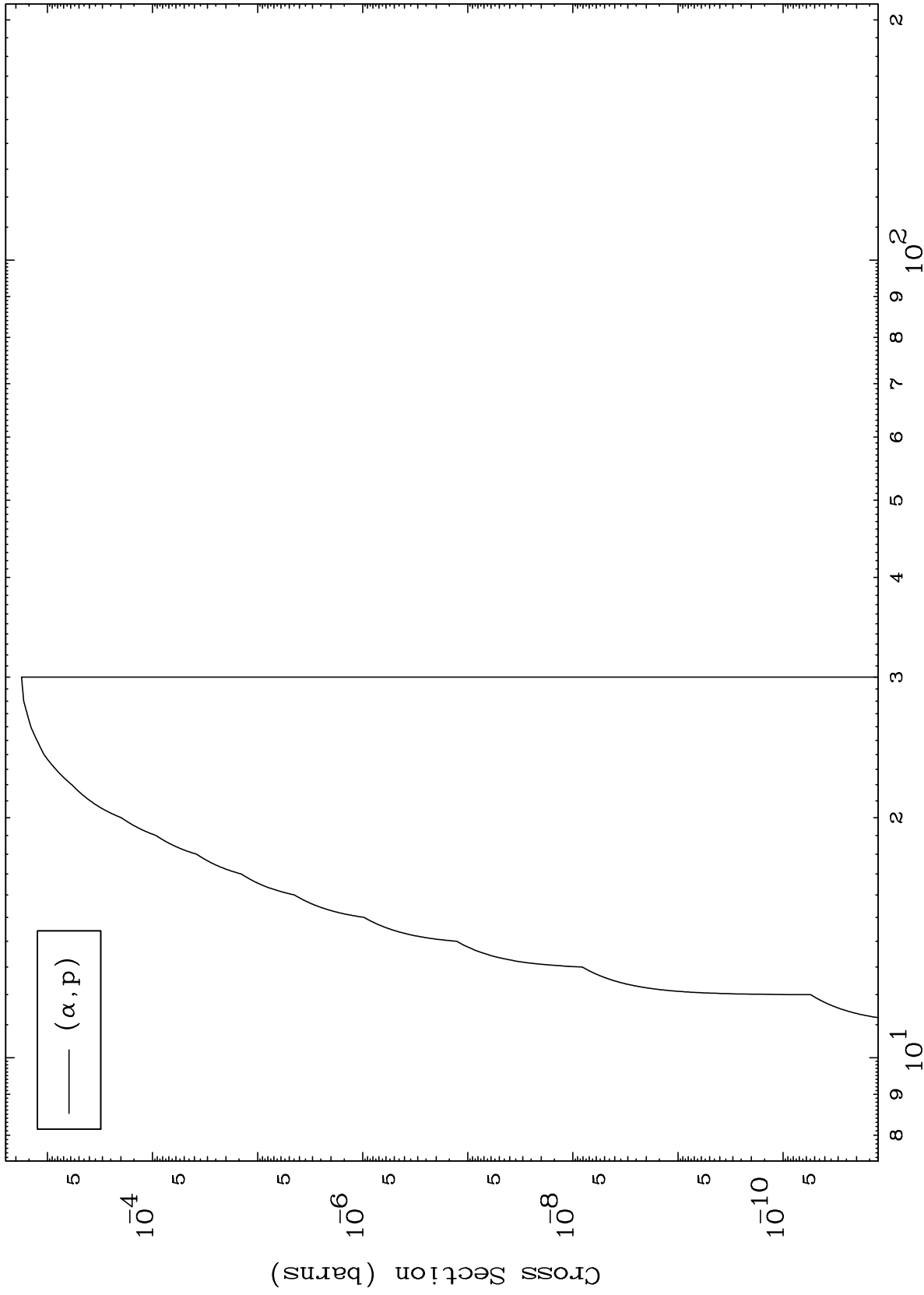
Incident Energy (MeV)

57-La-139

MAT 5728

(α, p) Levels
0 Kelvin Cross Sections

57-La-139



6

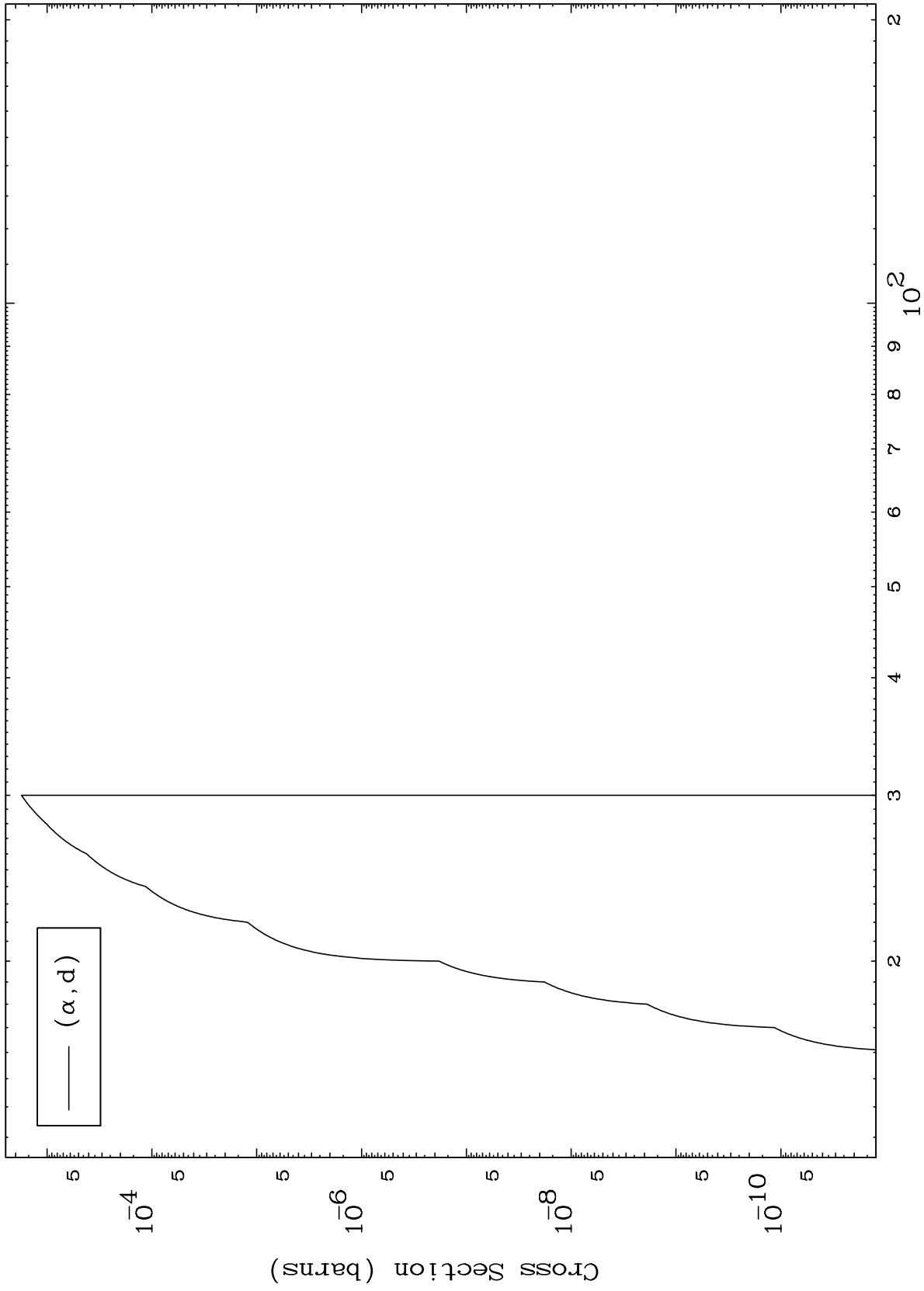
Incident Energy (MeV)

57-La-139

MAT 5728

(α, d) Levels
0 Kelvin Cross Sections

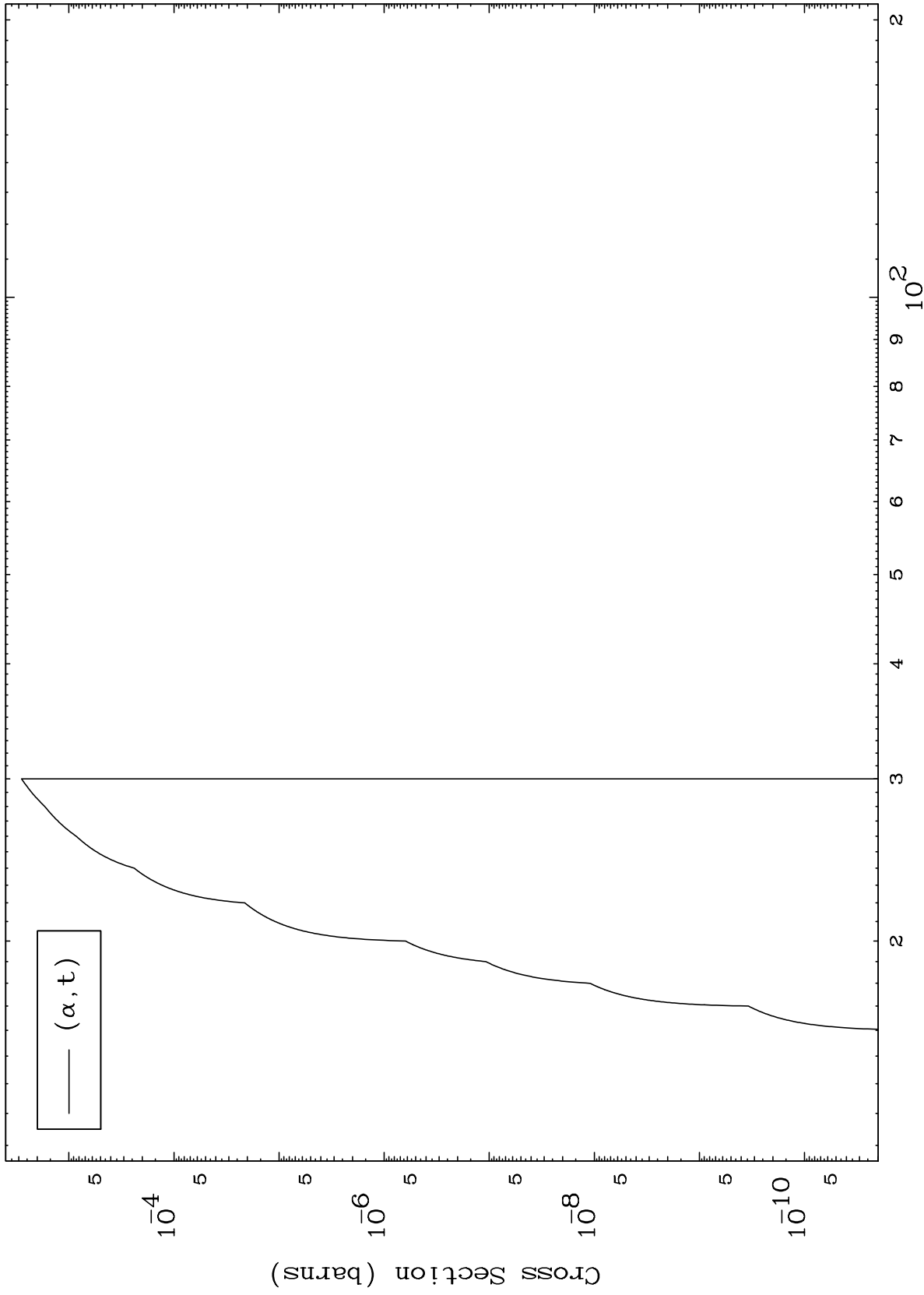
57-La-139

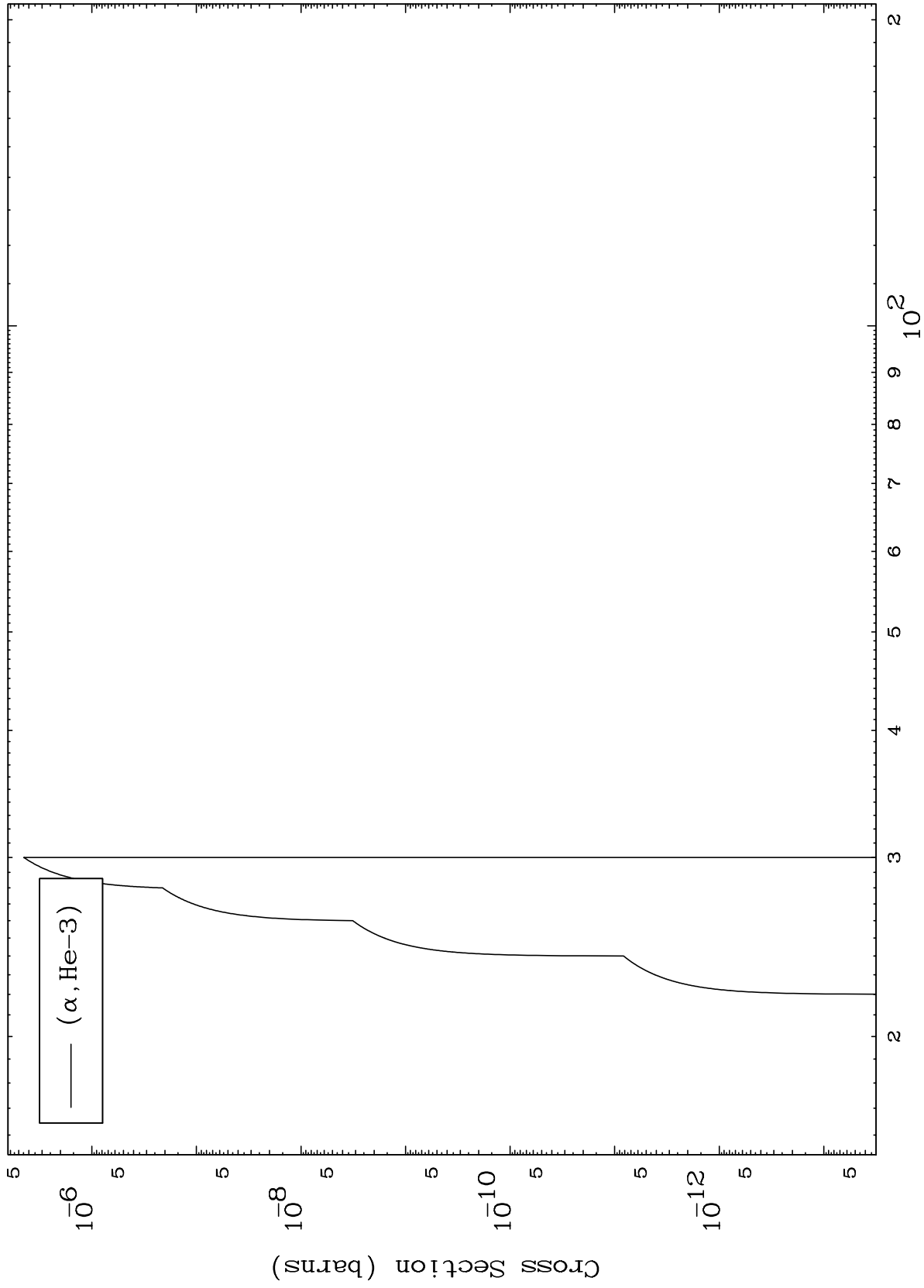


7

Incident Energy (MeV)

57-La-139

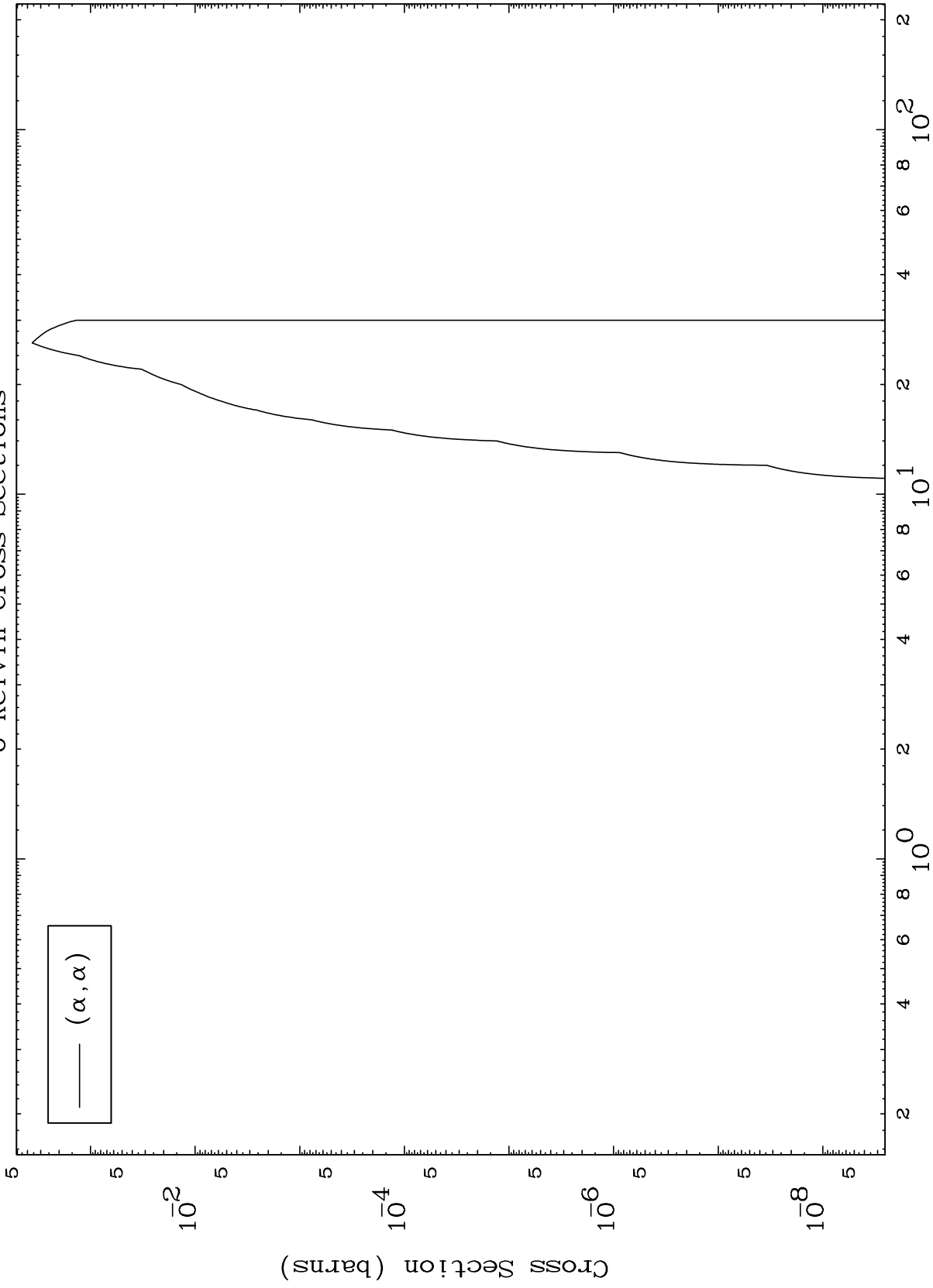




MAT 5728

(α, α) Levels
0 Kelvin Cross Sections

57-La-139



10

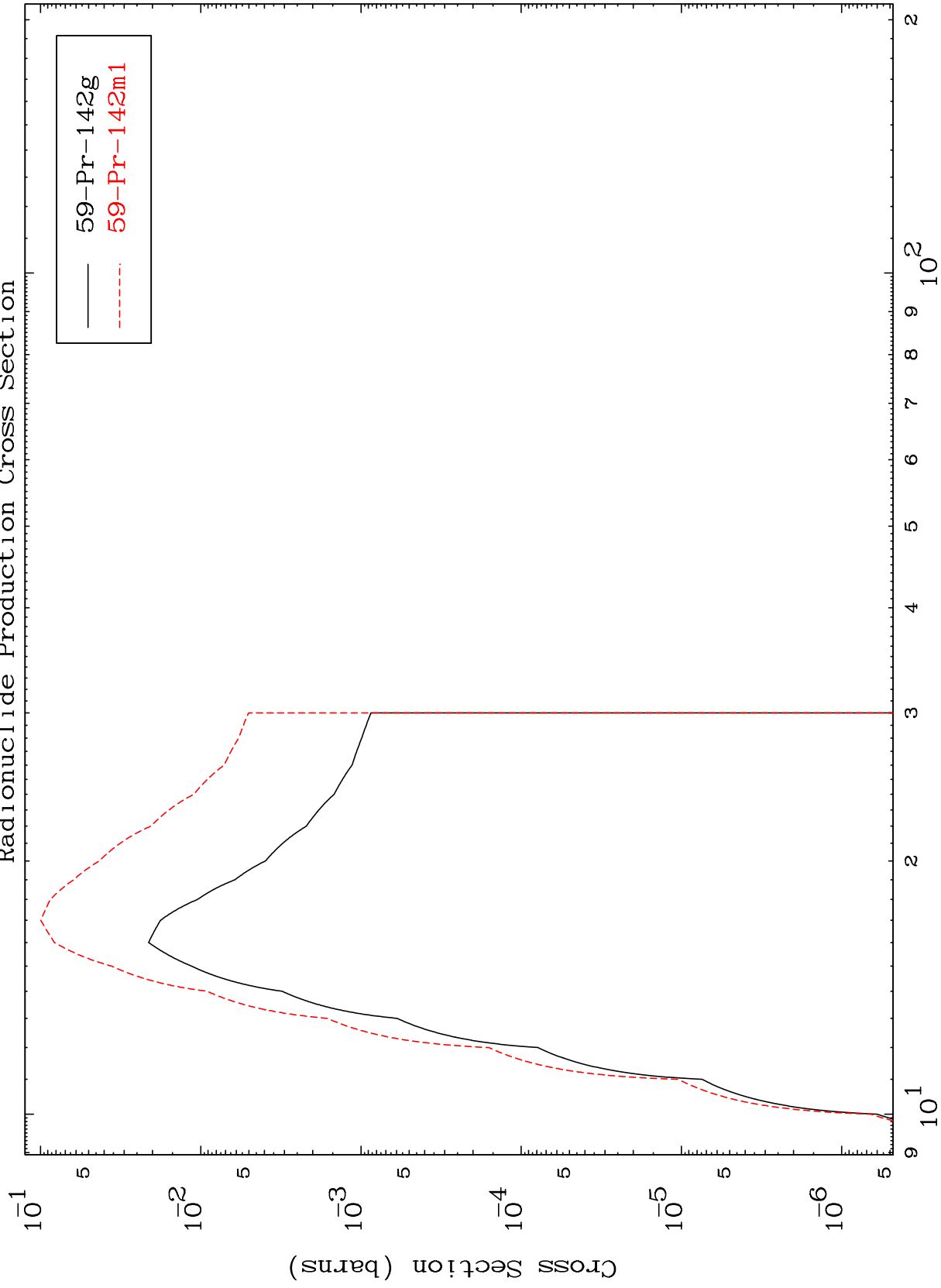
Incident Energy (MeV)

57-La-139

MAT 5728

57-La-139

α Inelastic
Radionuclide Production Cross Section



11

Incident Energy (MeV)

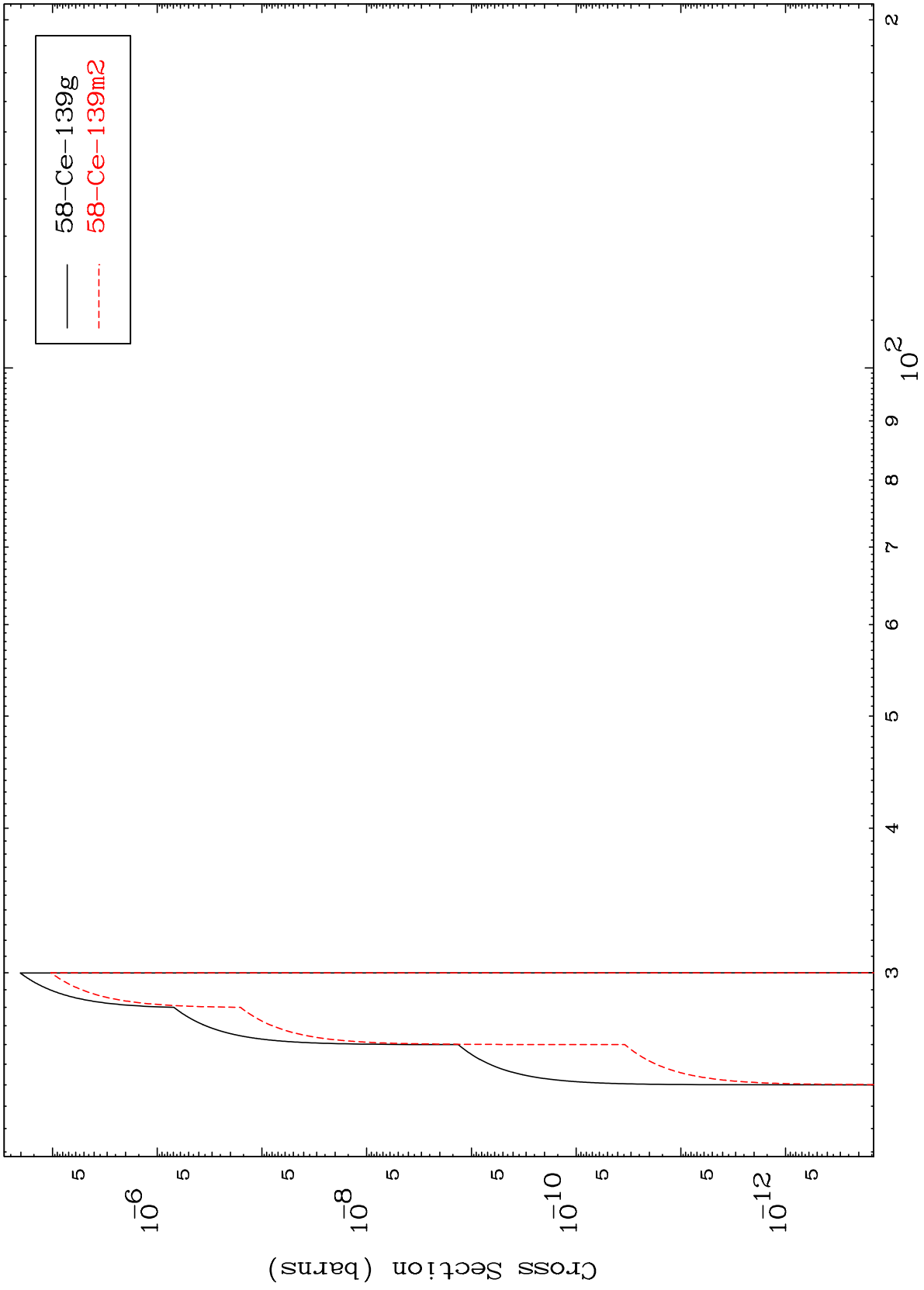
57-La-139

MAT 5728

(α, n') t

57-La-139

Radionuclide Production Cross Section



12

Incident Energy (MeV)

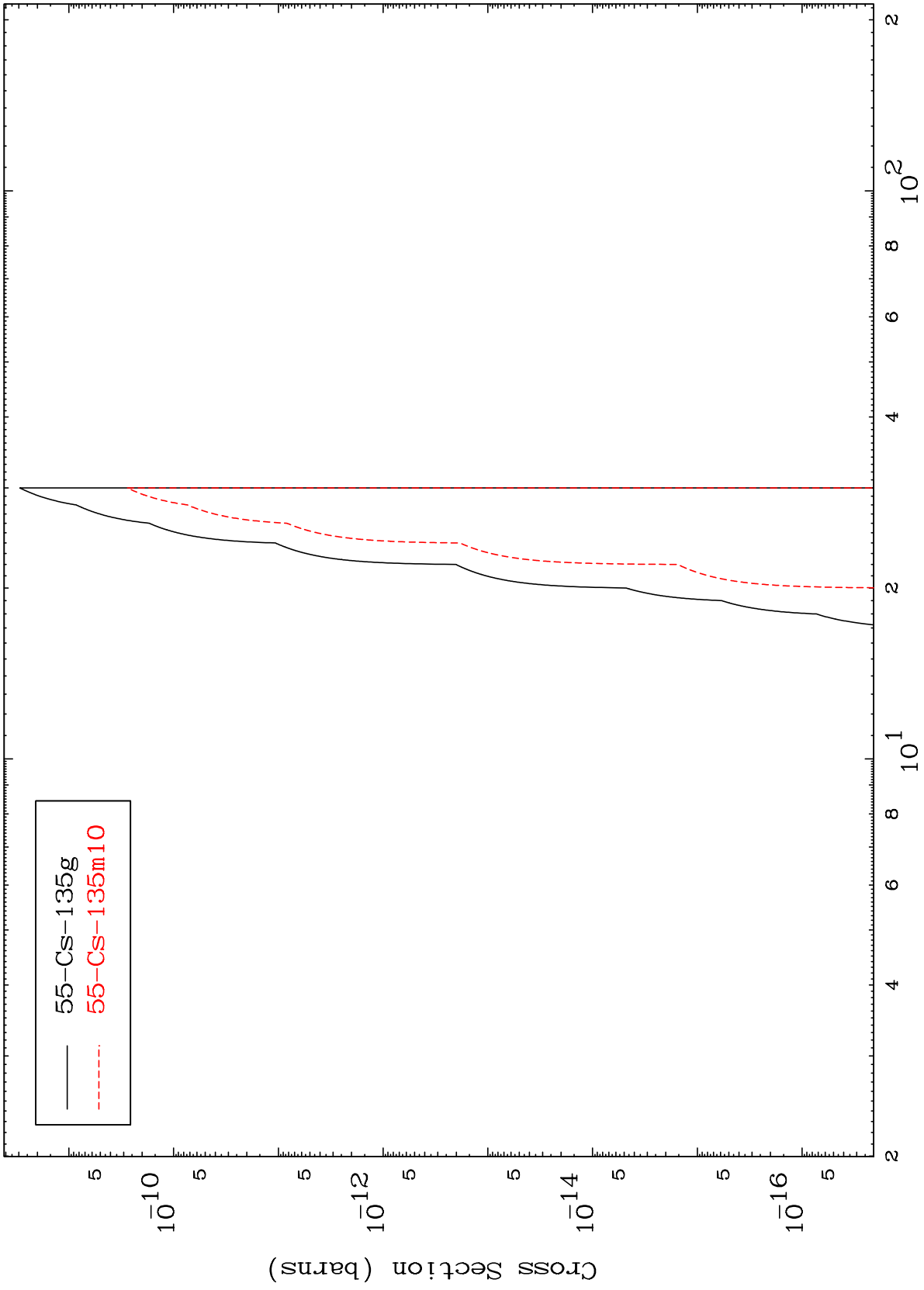
57-La-139

MAT 5728

($\alpha, 2\alpha$)

57-La-139

Radionuclide Production Cross Section



13

Incident Energy (MeV)

57-La-139