

Program EVALPLOT  
(Version 2018-1)

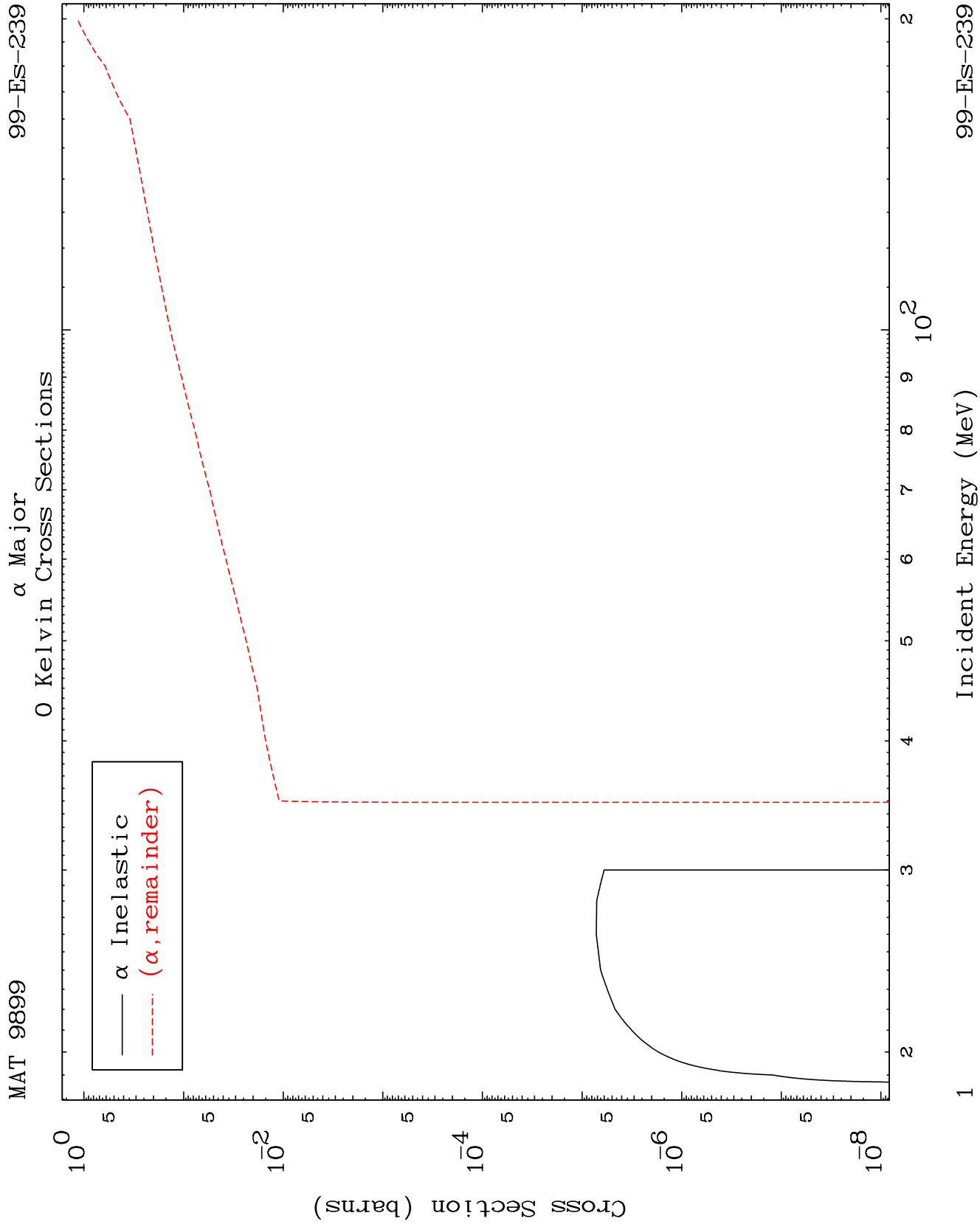
by

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](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

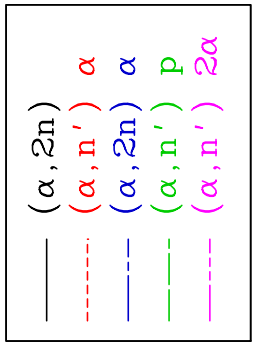
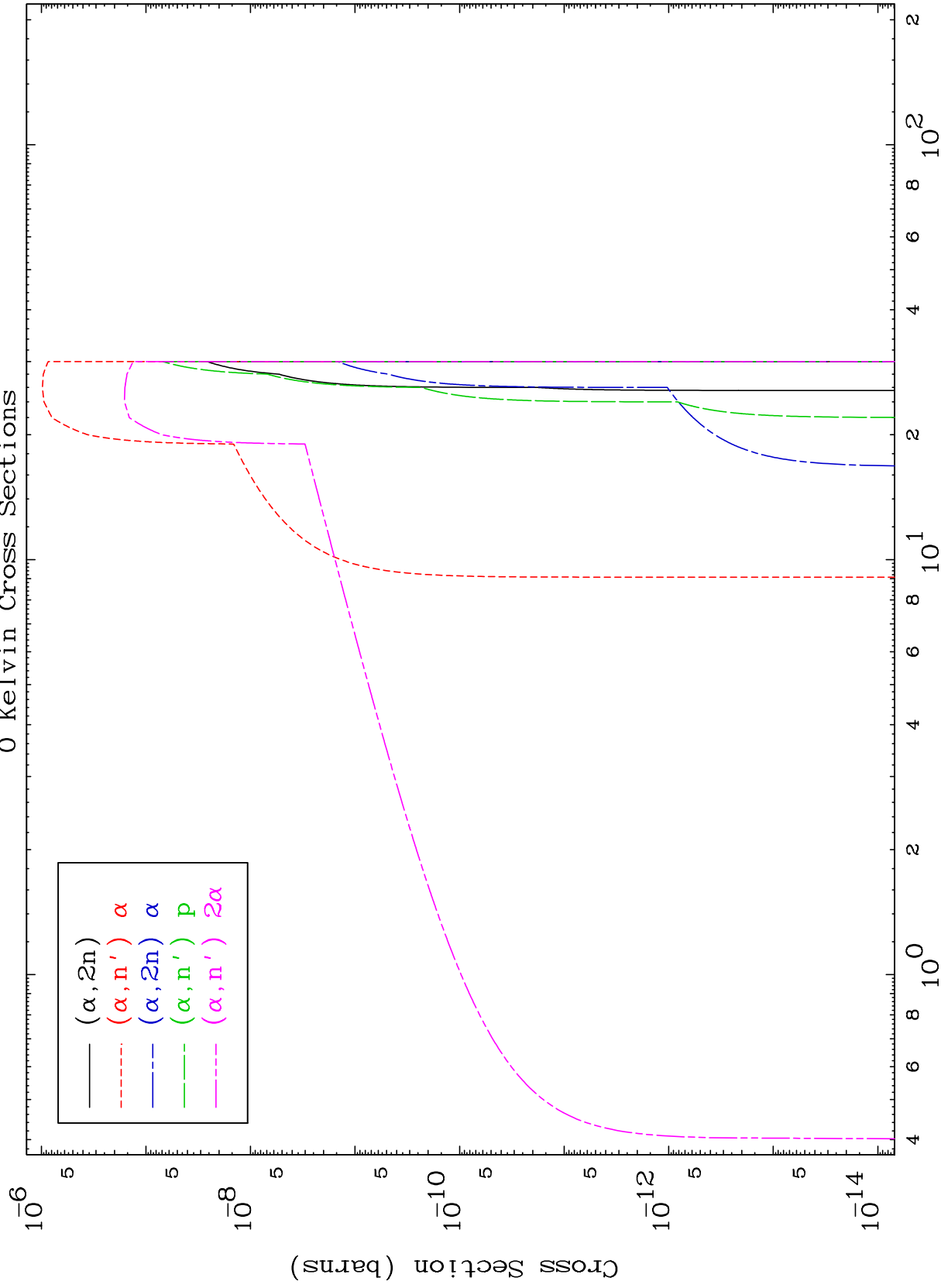
Press Mouse Button to Start



MAT 9899

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

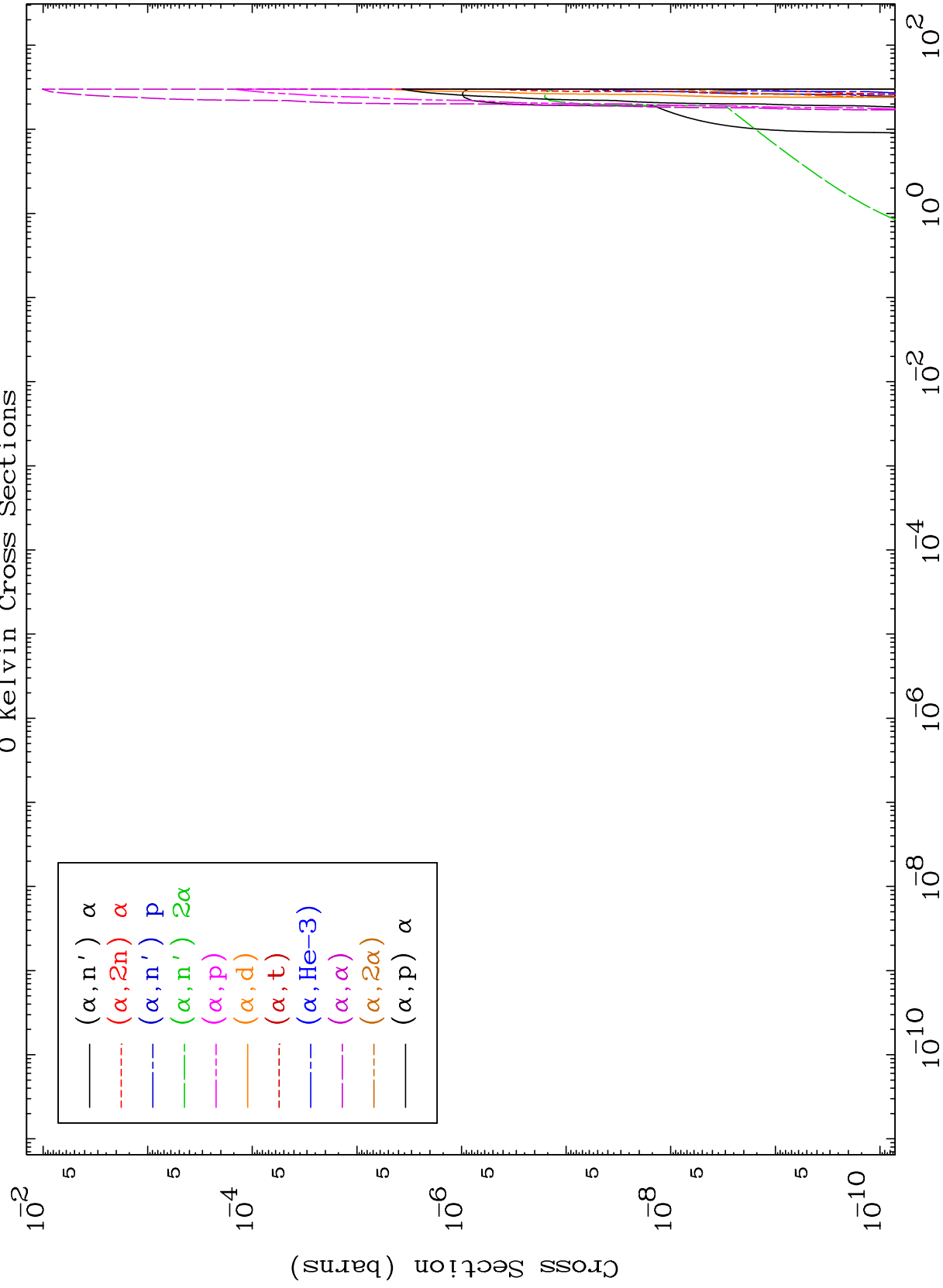
99-Es-239



MAT 9899

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

99-Es-239



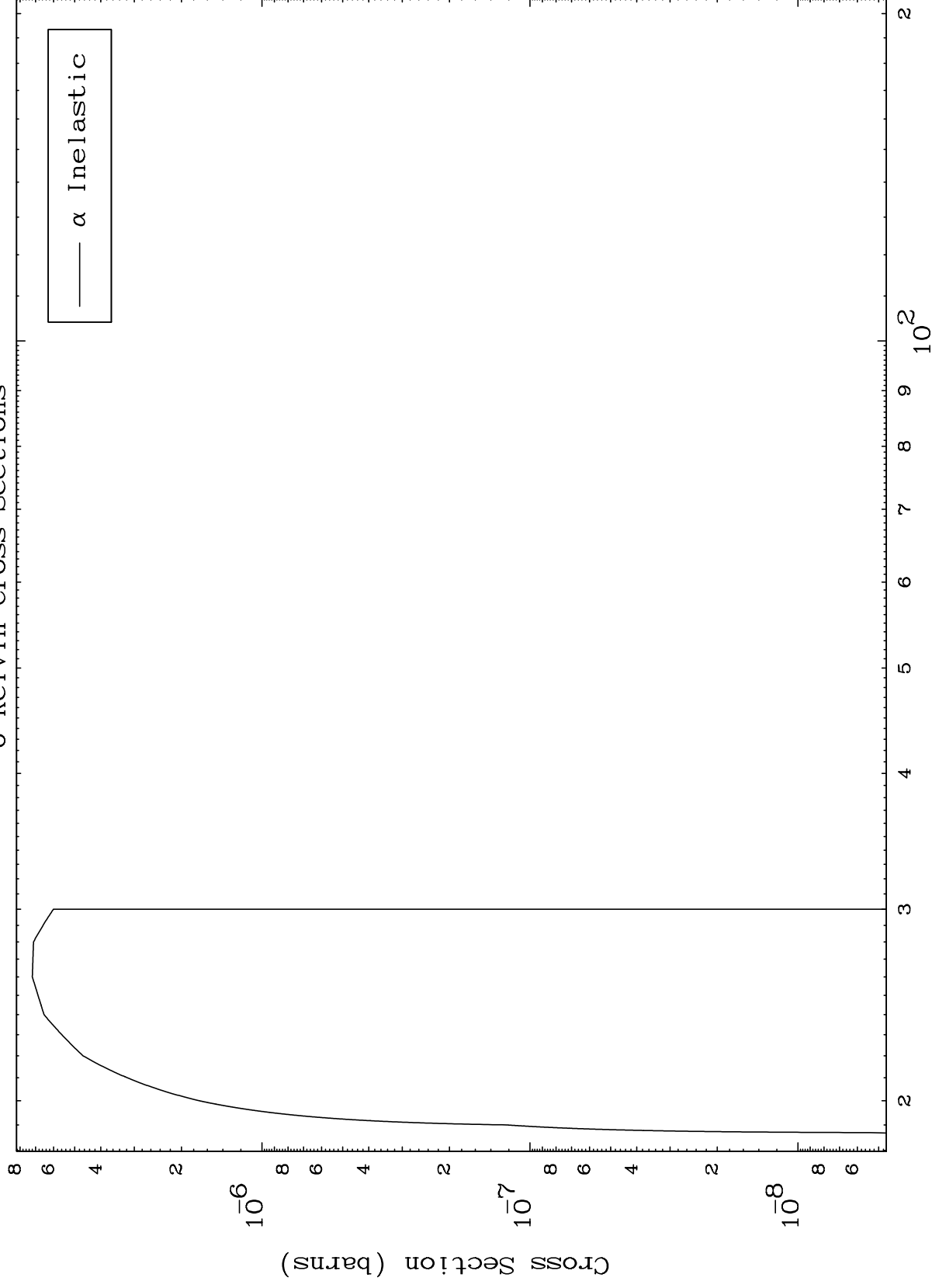
3

MAT 9899

( $\alpha, n'$ ) Level

99-Es-239

0 Kelvin Cross Sections



4

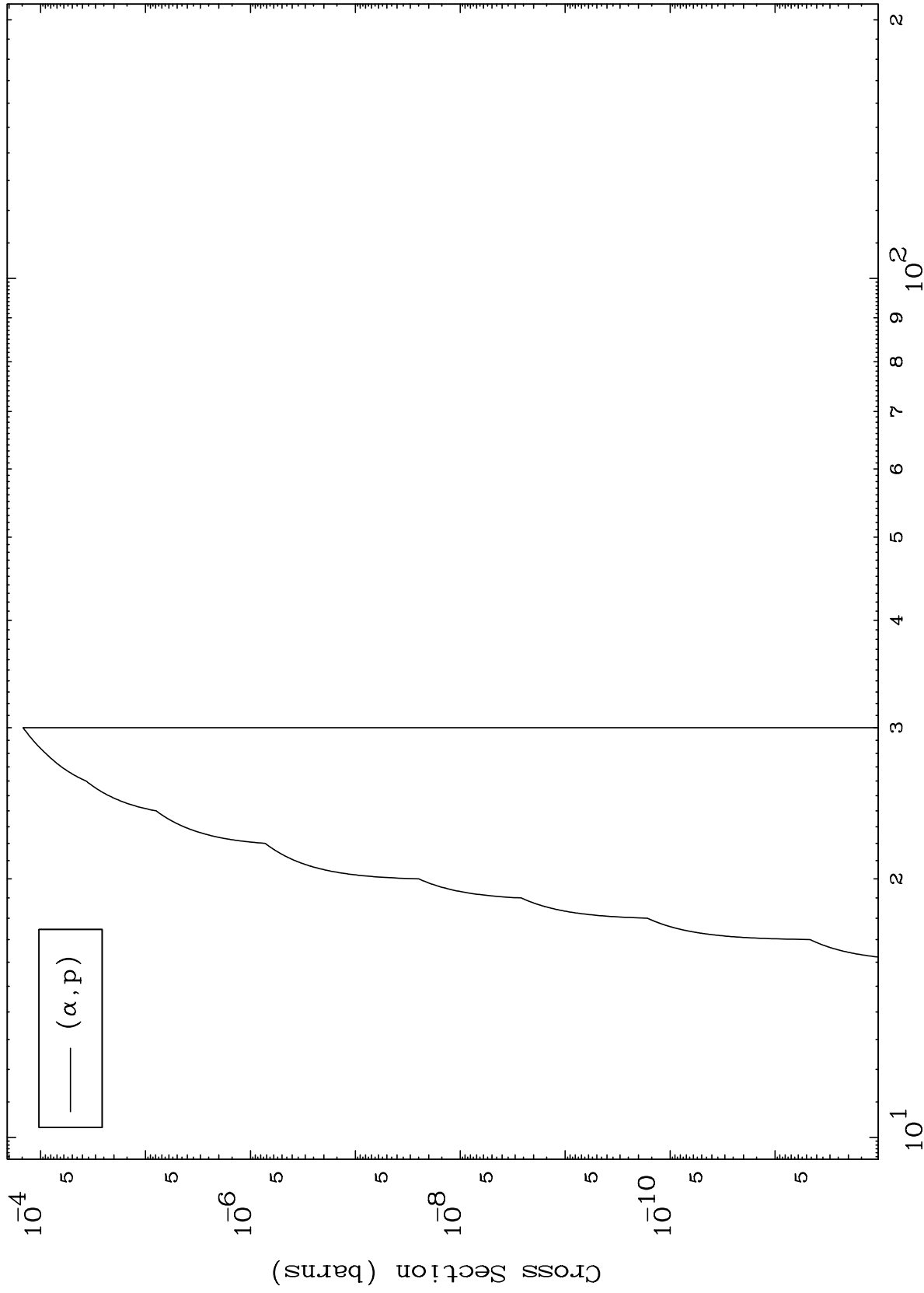
Incident Energy (MeV)

99-Es-239

MAT 9899

99-Es-239

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections



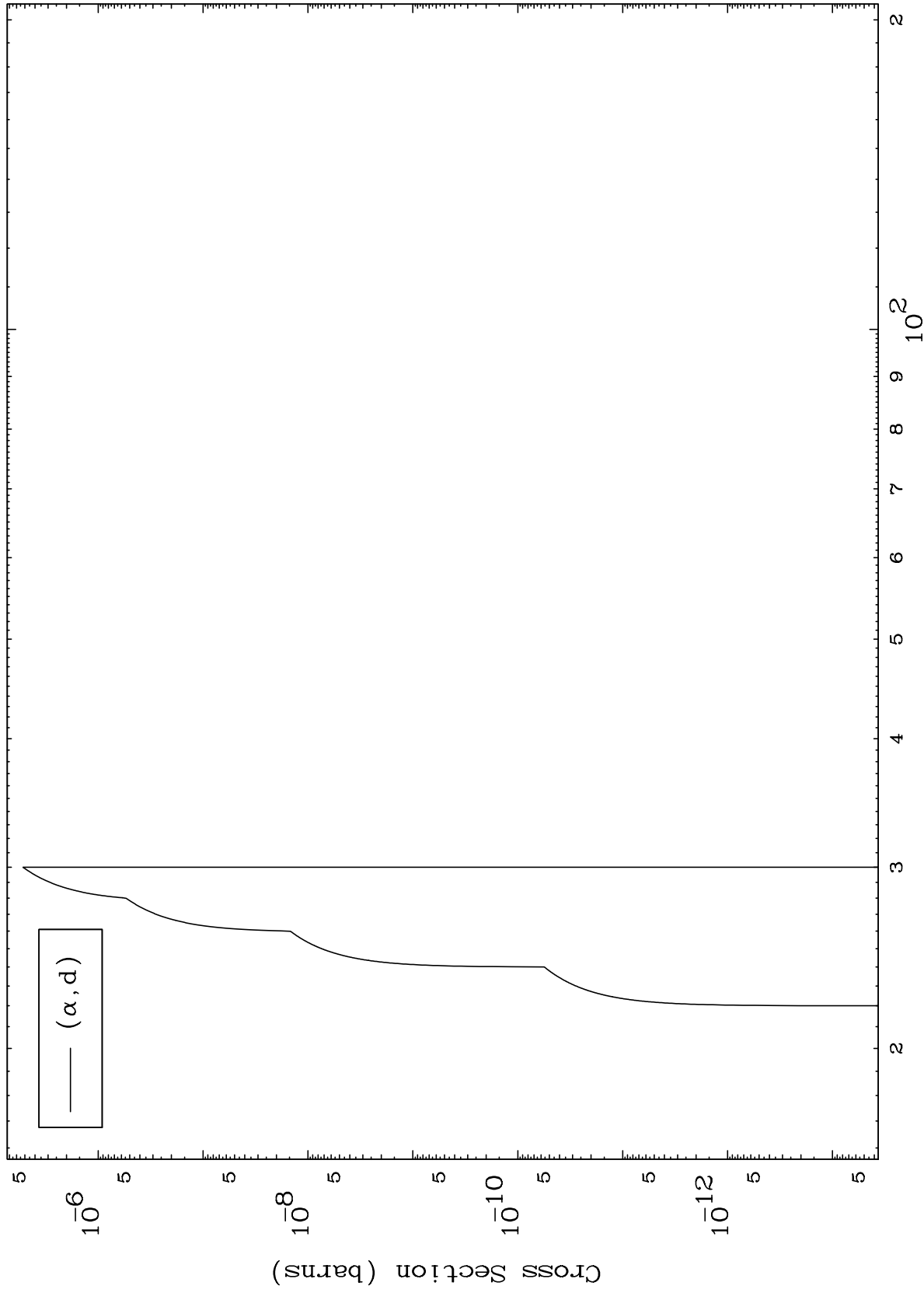
99-Es-239

Incident Energy (MeV)

MAT 9899

( $\alpha$ ,d) Levels  
0 Kelvin Cross Sections

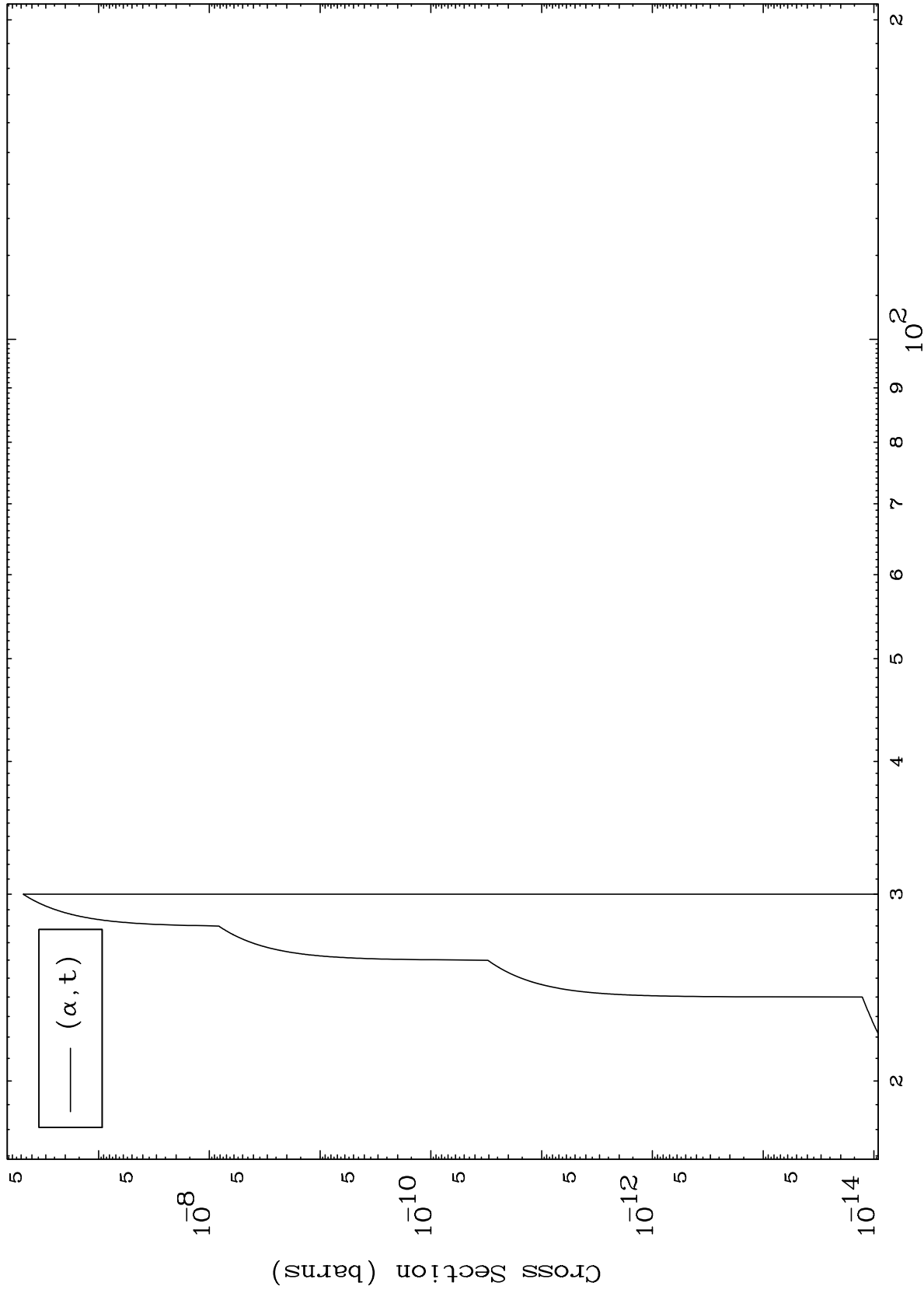
99-Es-239



MAT 9899

( $\alpha$ ,t) Levels  
0 Kelvin Cross Sections

99-Es-239



7

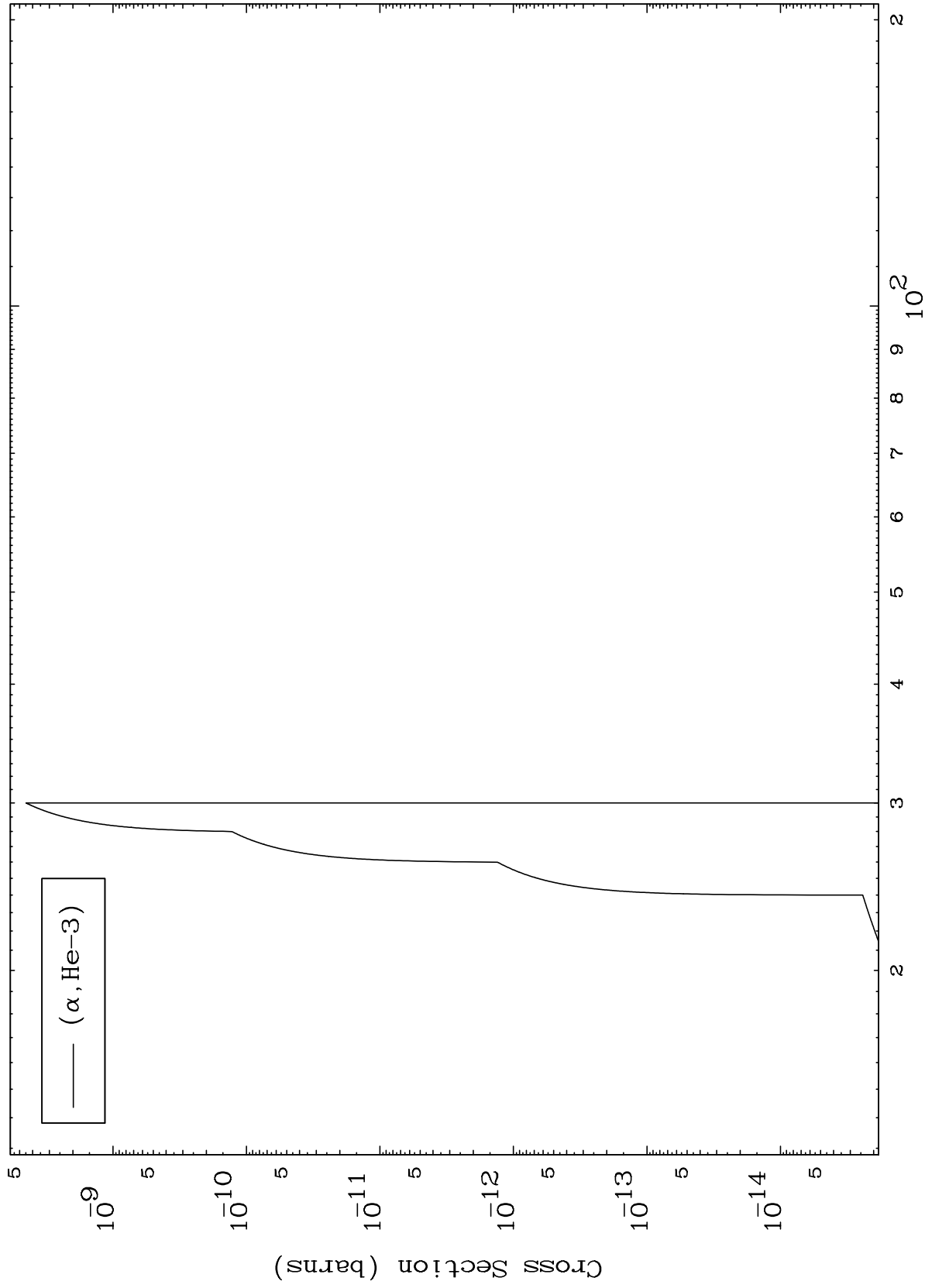
Incident Energy (MeV)

99-Es-239

MAT 9899

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

99-Es-239



8

Incident Energy (MeV)

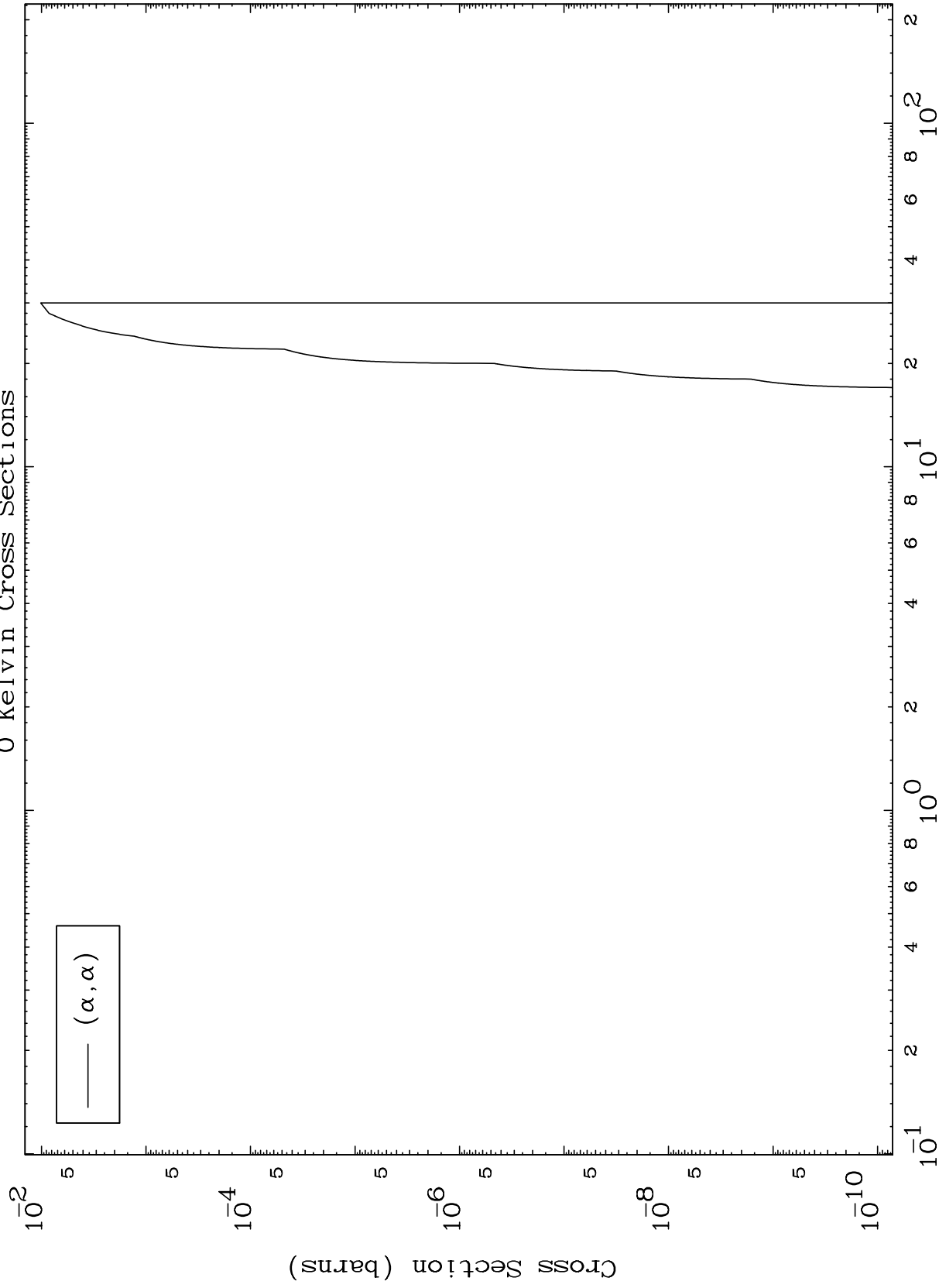
99-Es-239

MAT 9899

( $\alpha, \alpha$ ) Levels

99-Es-239

0 Kelvin Cross Sections



9

Incident Energy (MeV)

99-Es-239

MAT 9899

$\alpha$  Fission

99-Es-239

Radionuclide Production Cross Section

