

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

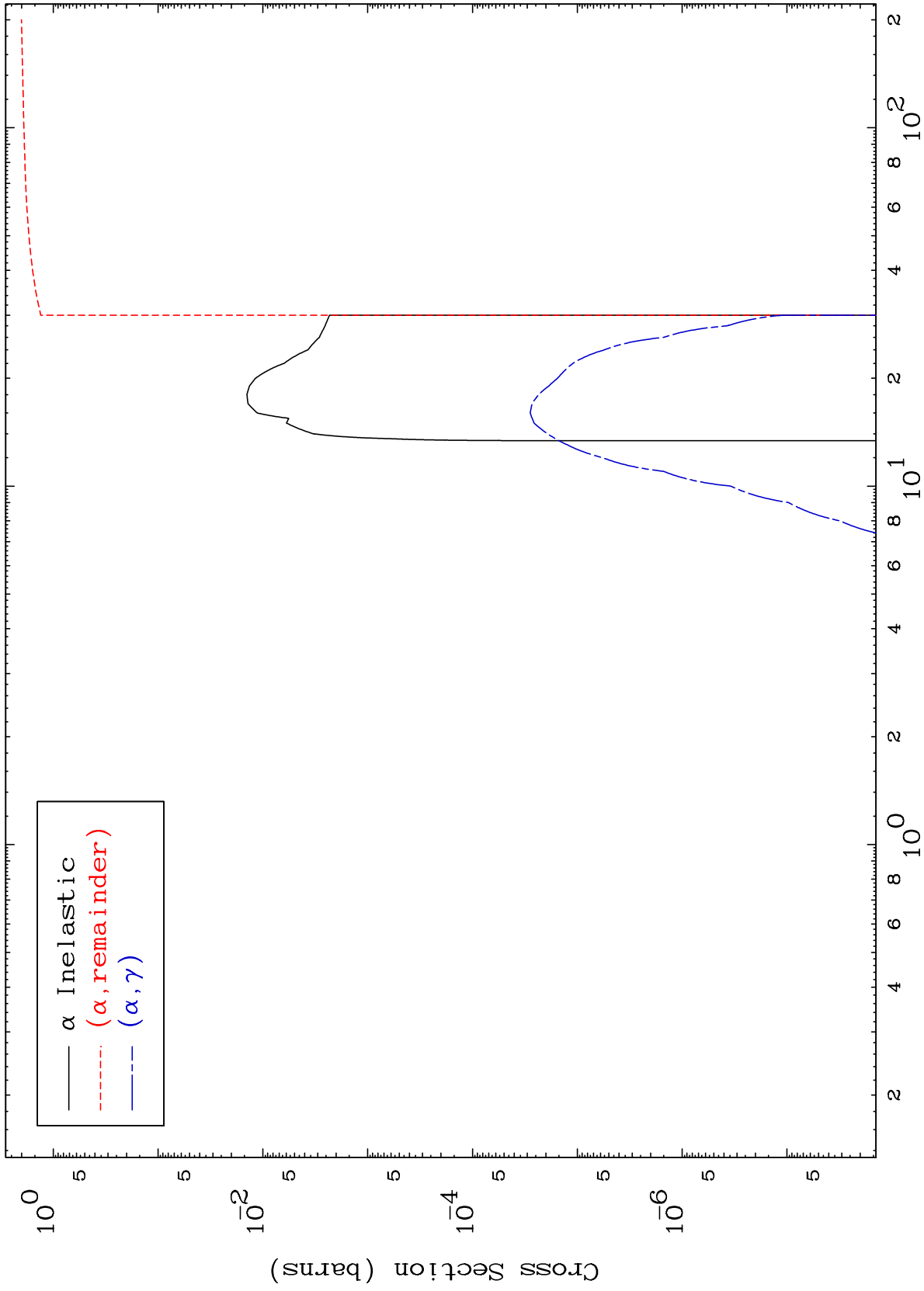
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4807

0 Kelvin  $\alpha$  Major  
Cross Sections

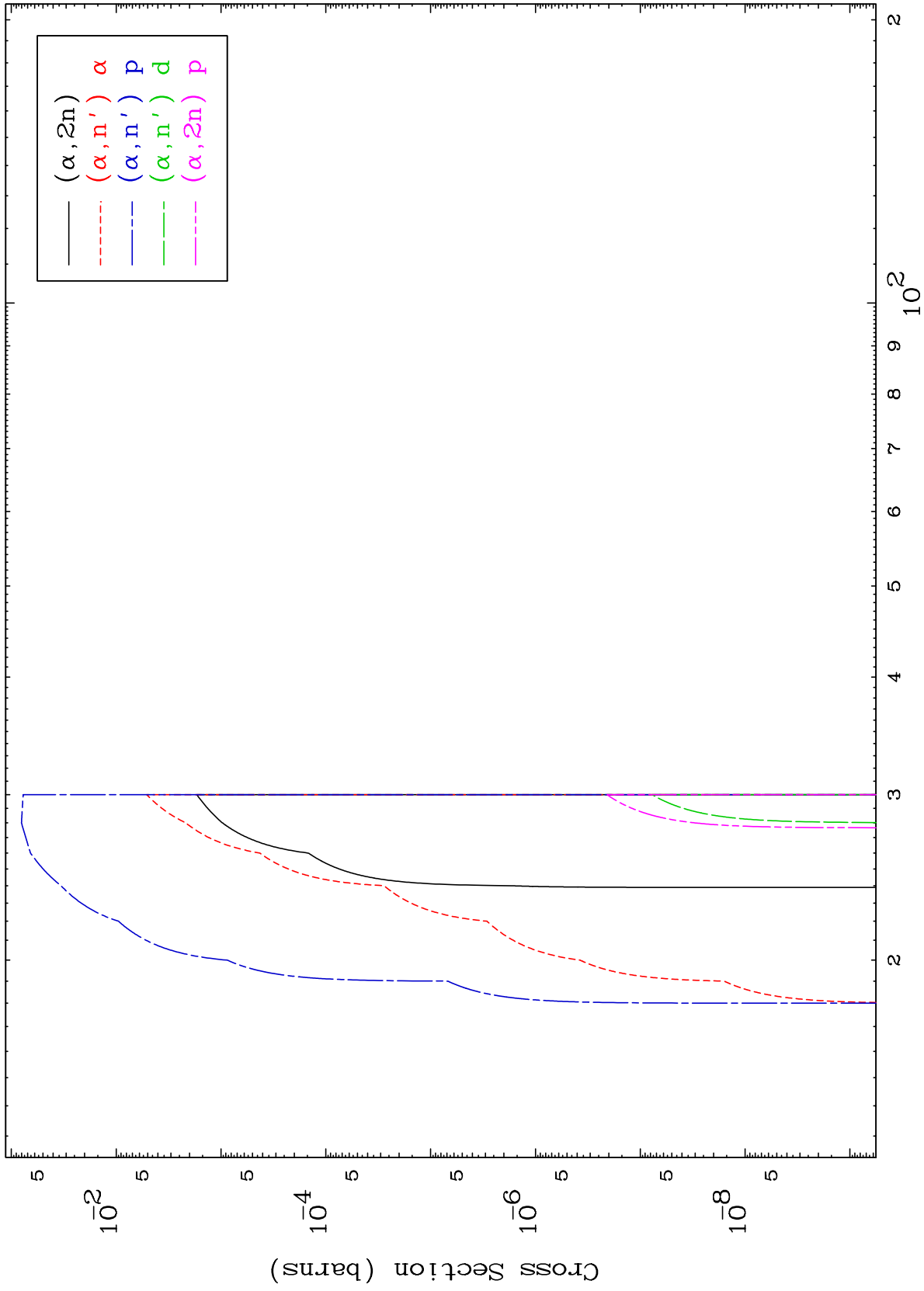
48-Cd-100



MAT 4807

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

48-Cd-100



2

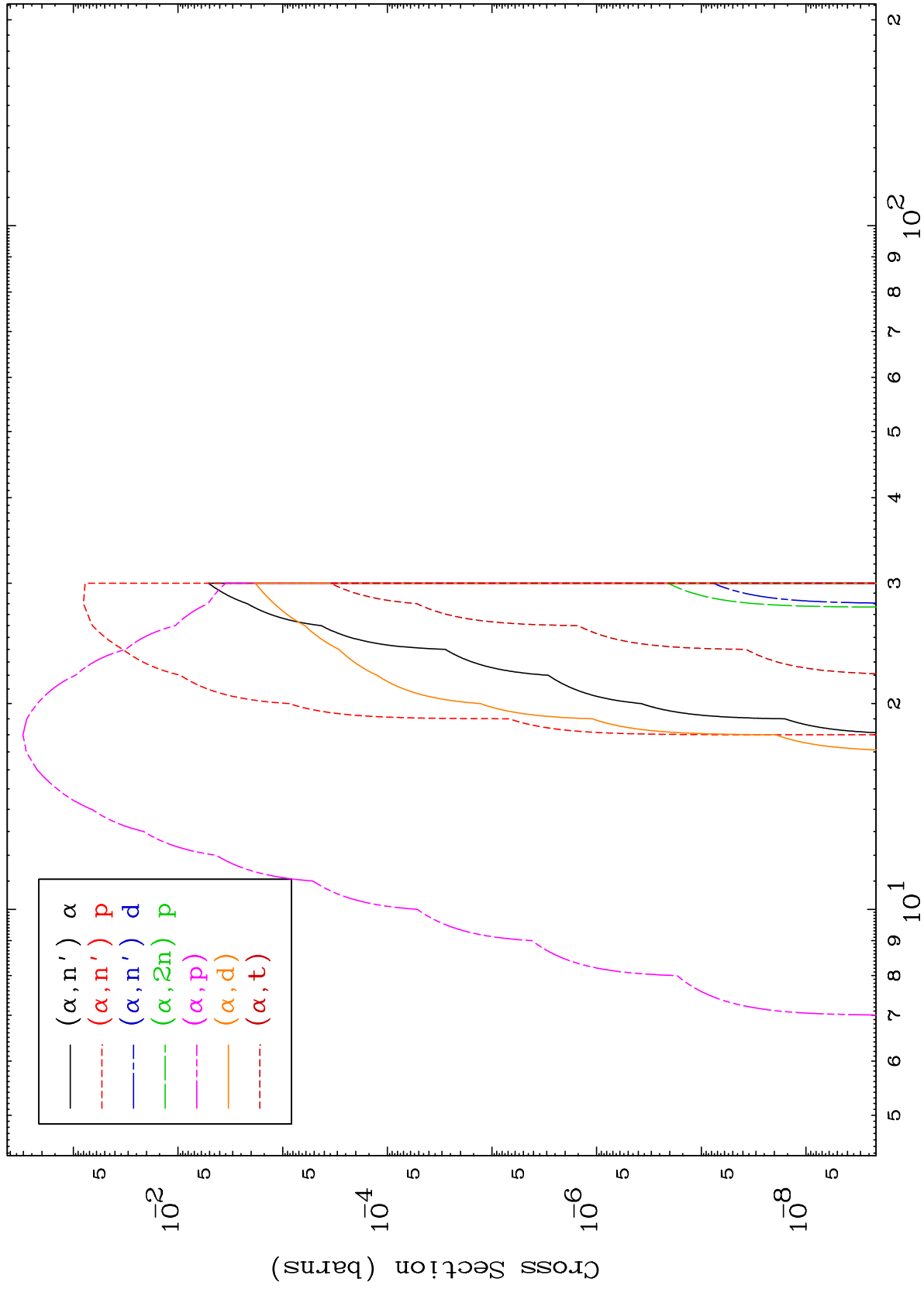
Incident Energy (MeV)

48-Cd-100

MAT 4807

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

48-Cd-100



3

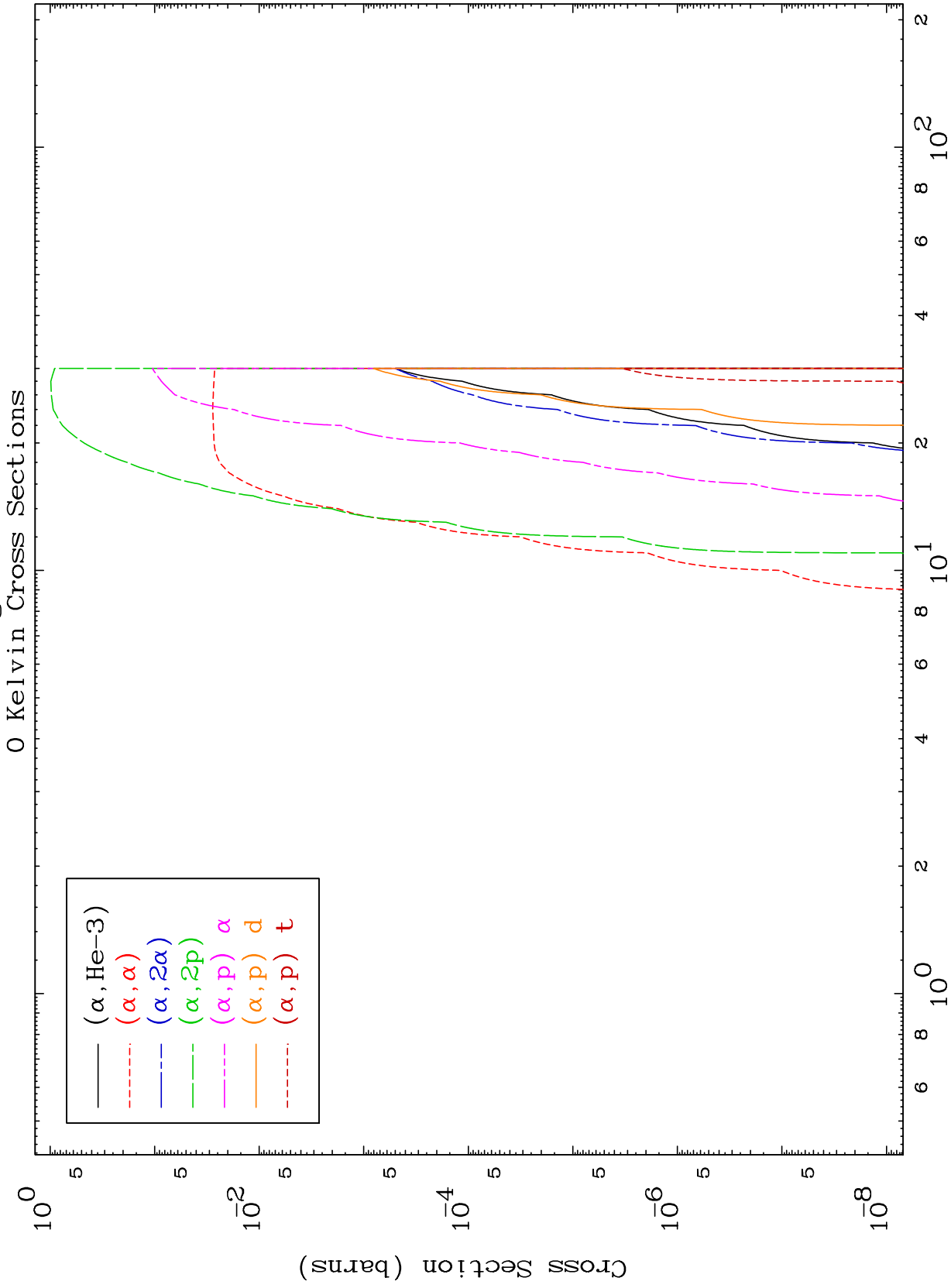
Incident Energy (MeV)

48-Cd-100

MAT 4807

$\alpha$  Charged Particle

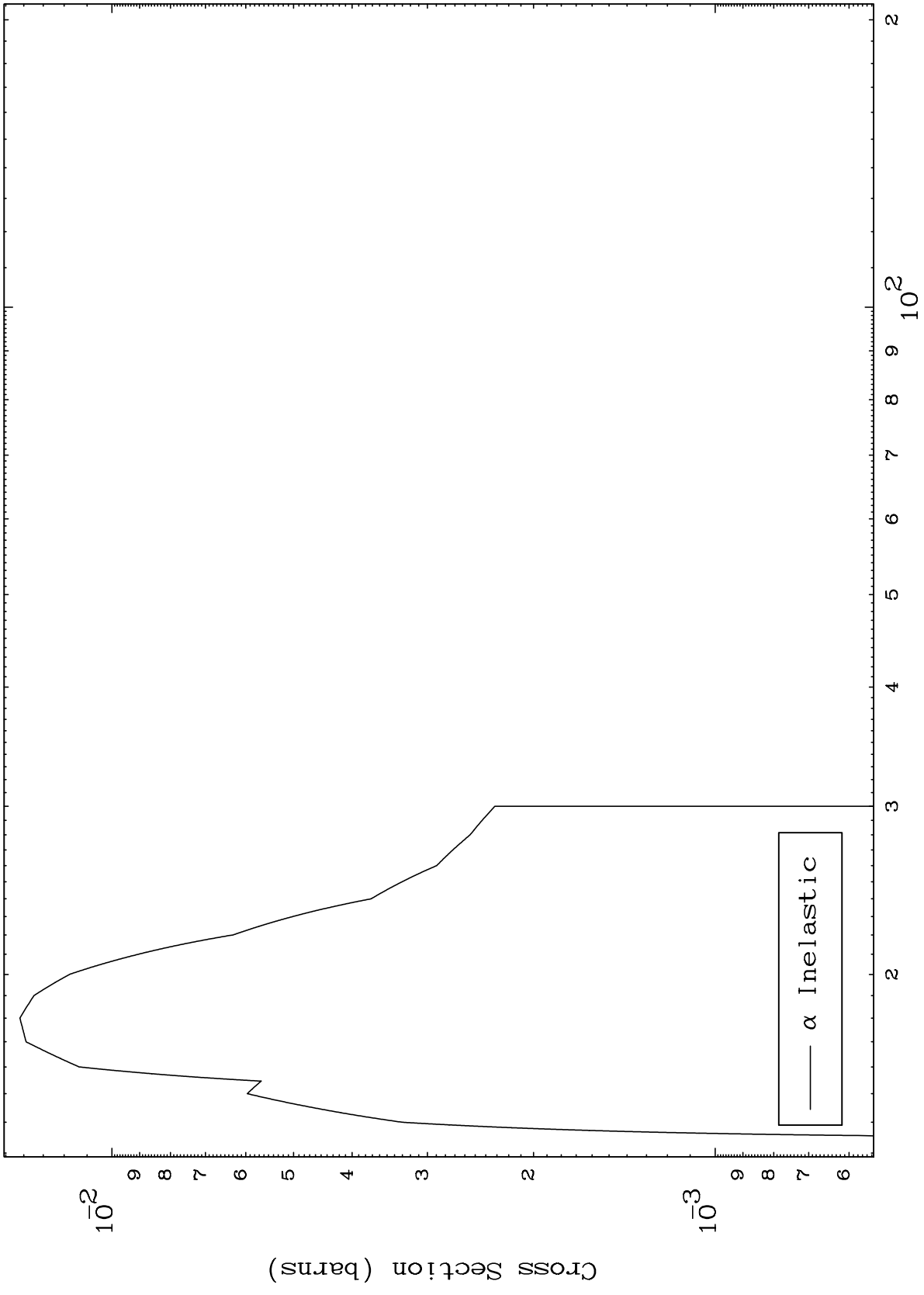
48-Cd-100



MAT 4807

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

48-Cd-100



$\alpha$  Inelastic

5

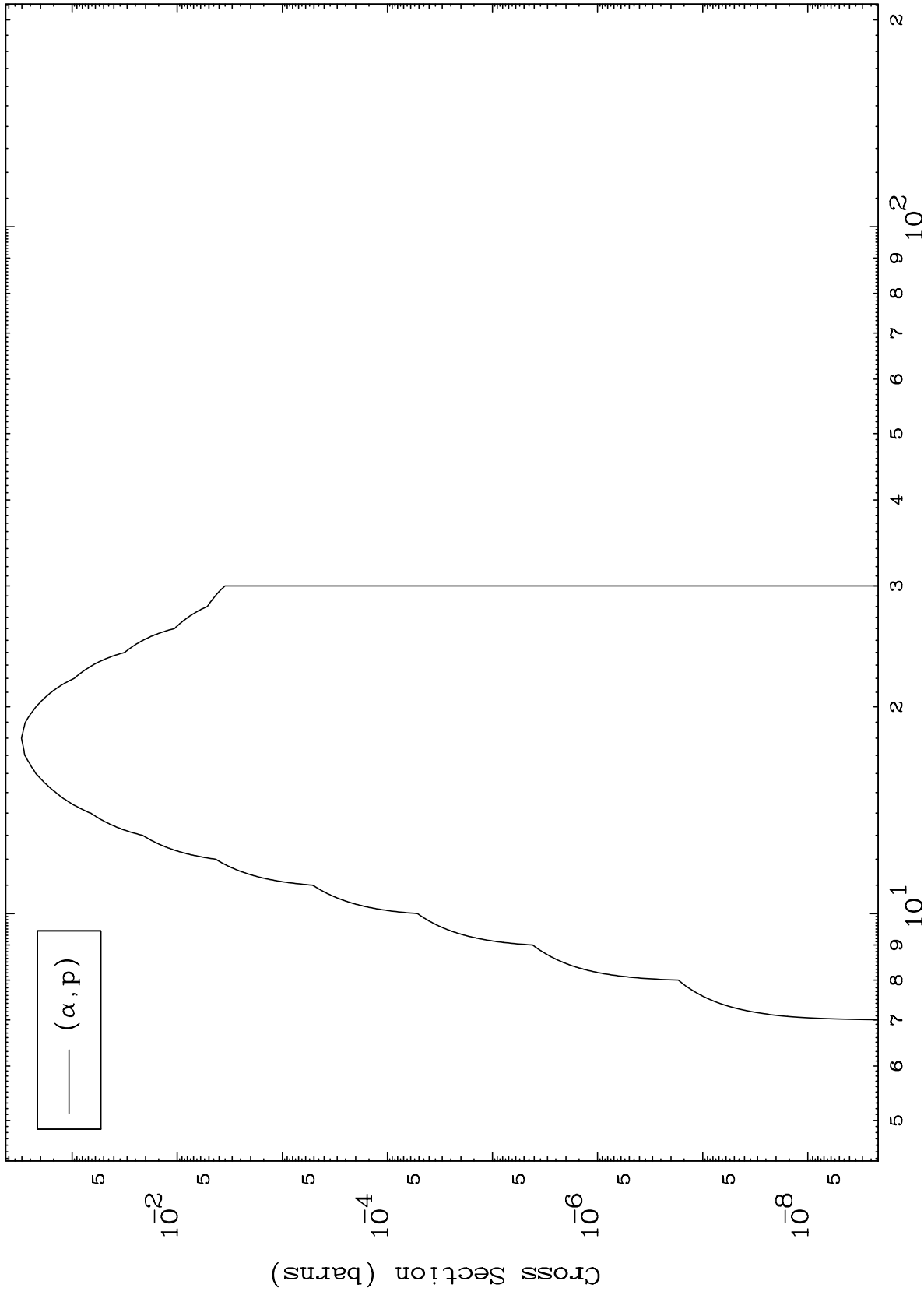
Incident Energy (MeV)

48-Cd-100

MAT 4807

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

48-Cd-100



6

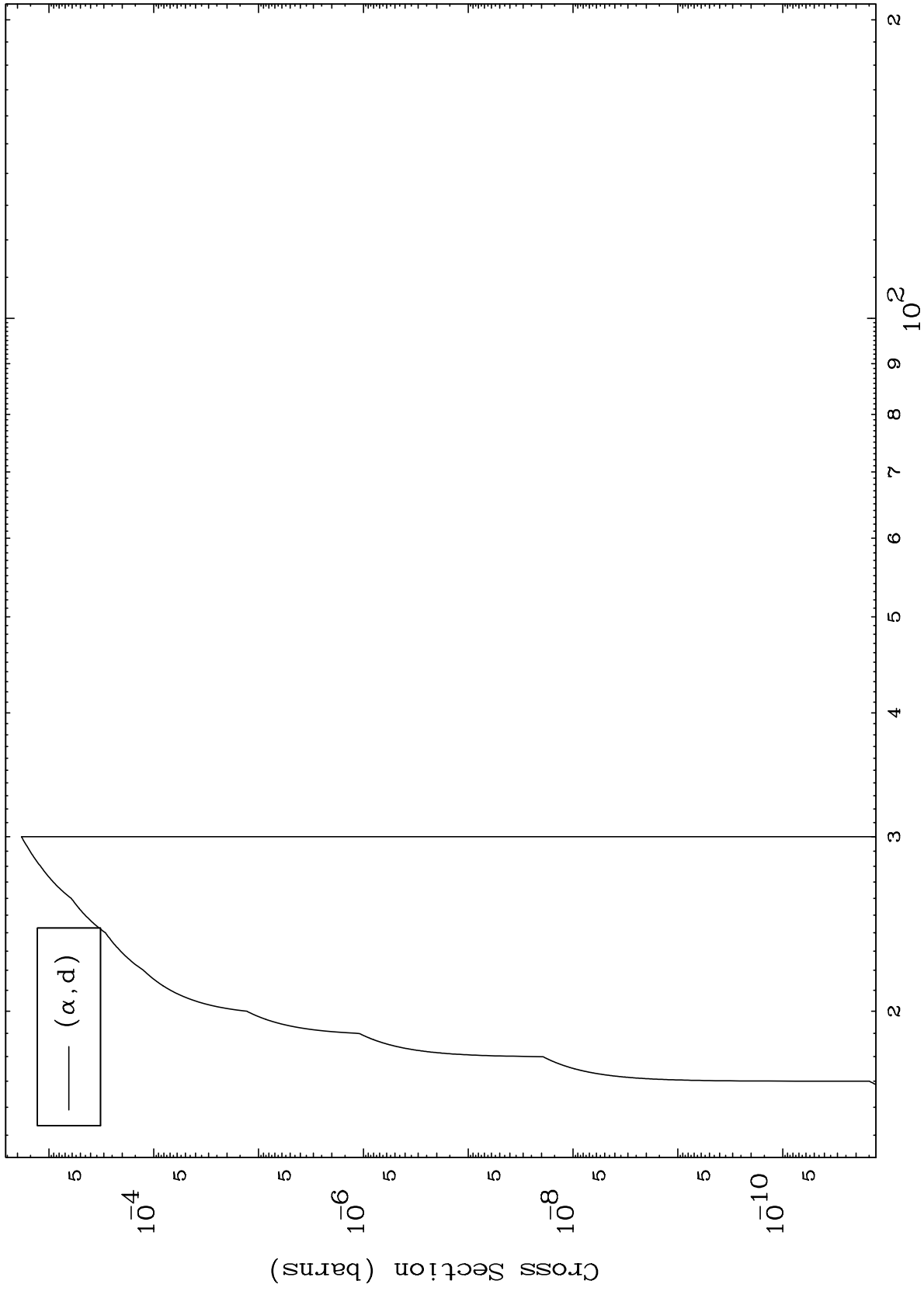
Incident Energy (MeV)

48-Cd-100

MAT 4807

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

48-Cd-100

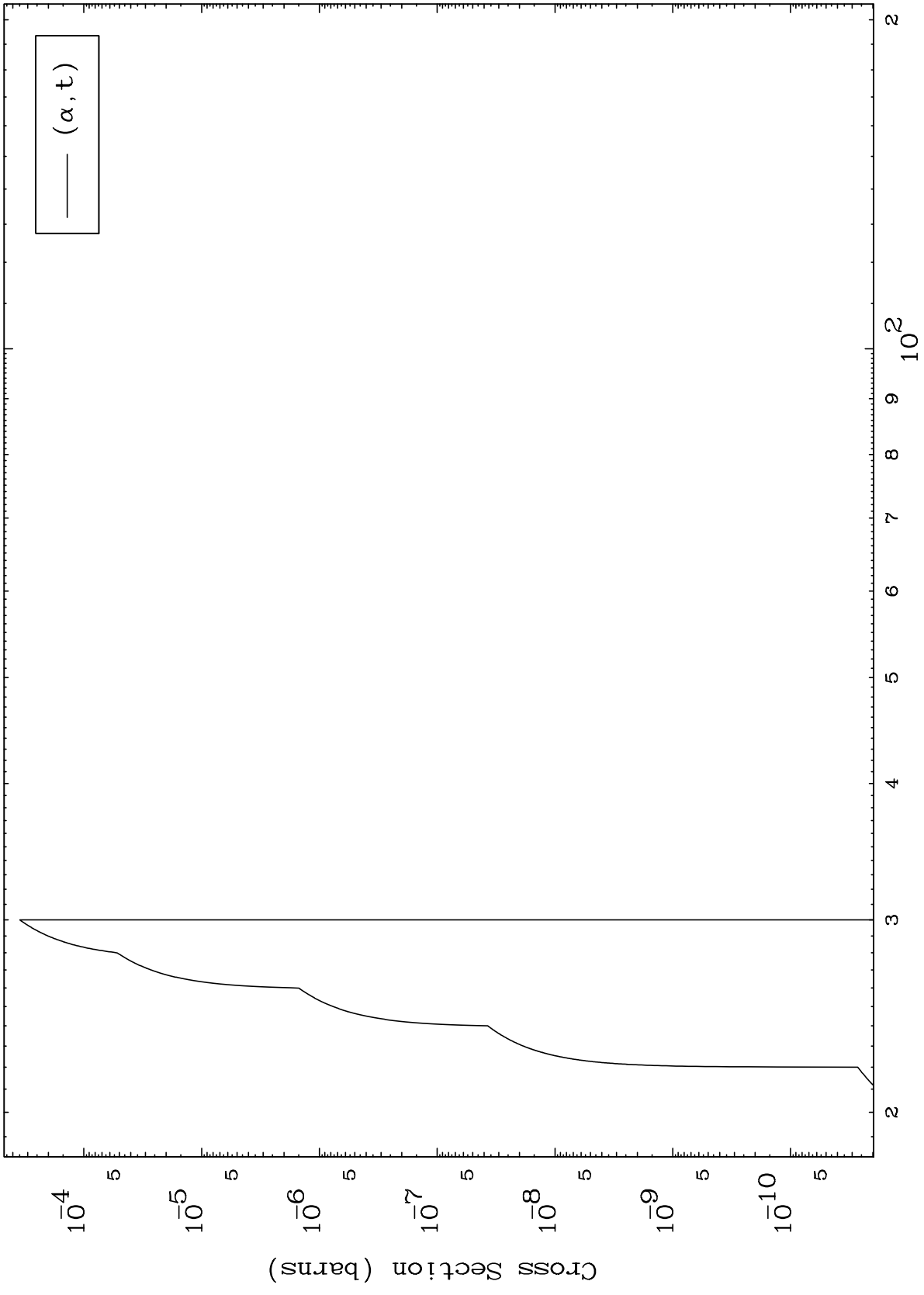




MAT 4807

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

48-Cd-100



8

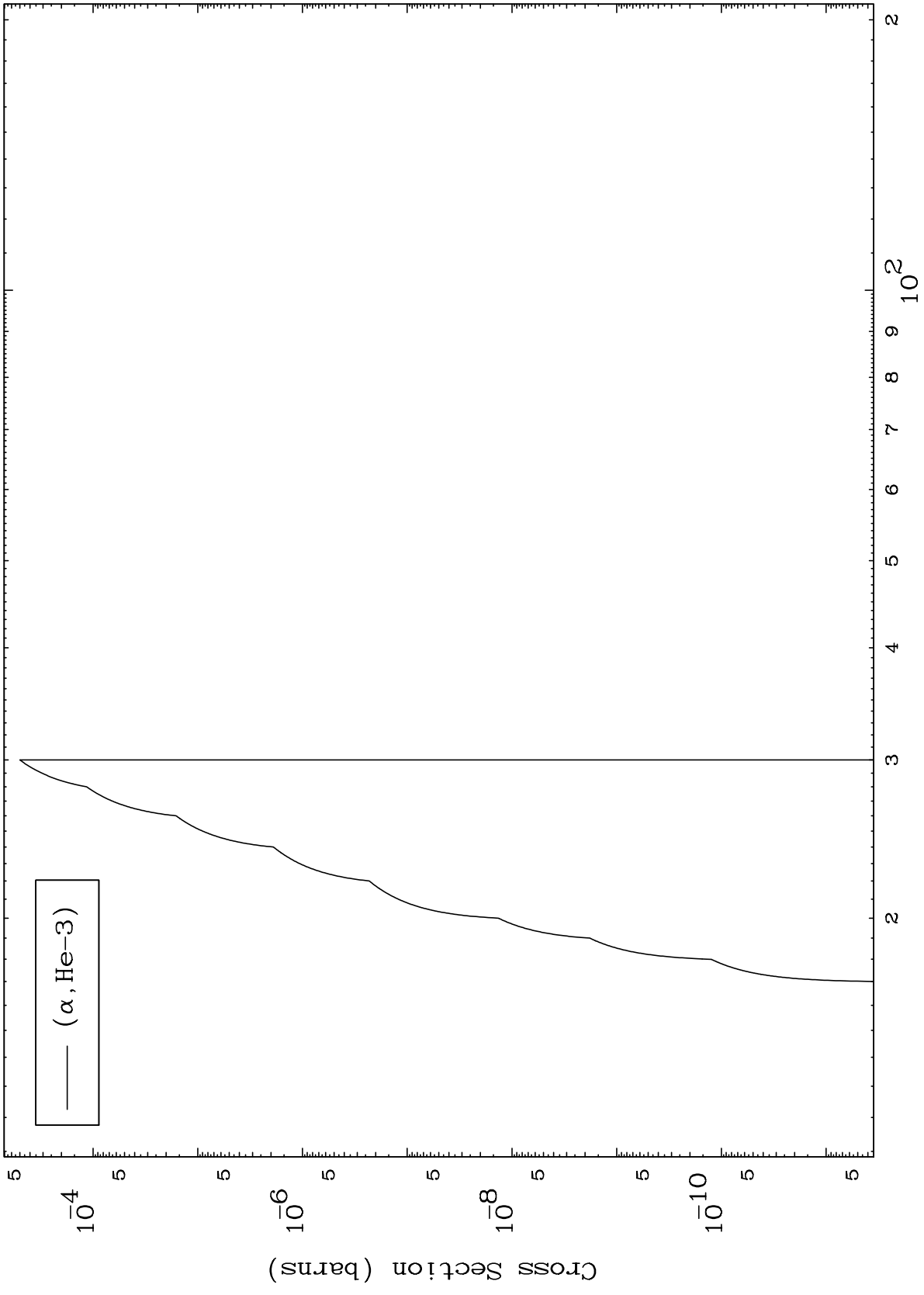
Incident Energy (MeV)

48-Cd-100

MAT 4807

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

48-Cd-100



9

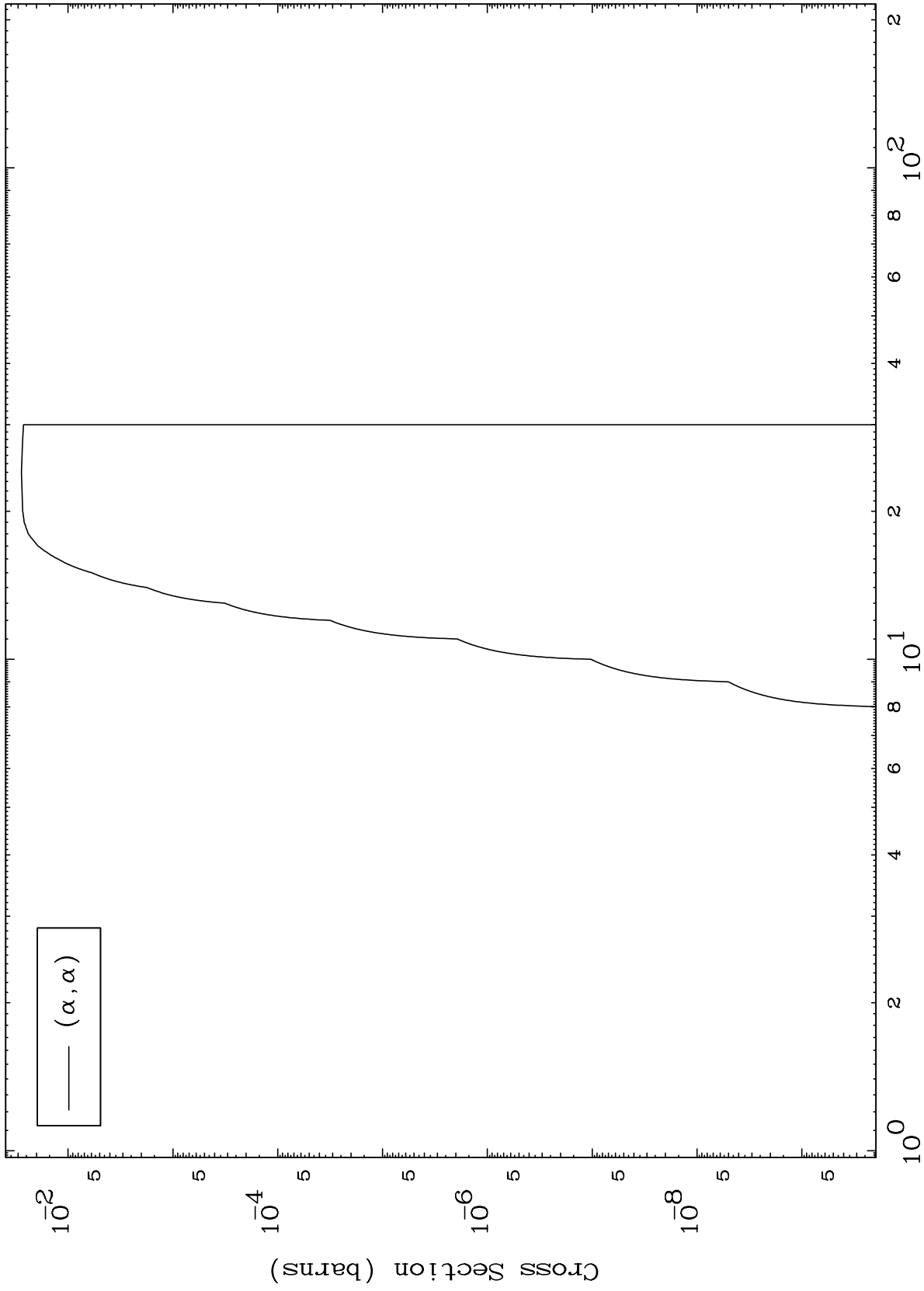
Incident Energy (MeV)

48-Cd-100

MAT 4807

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

48-Cd-100



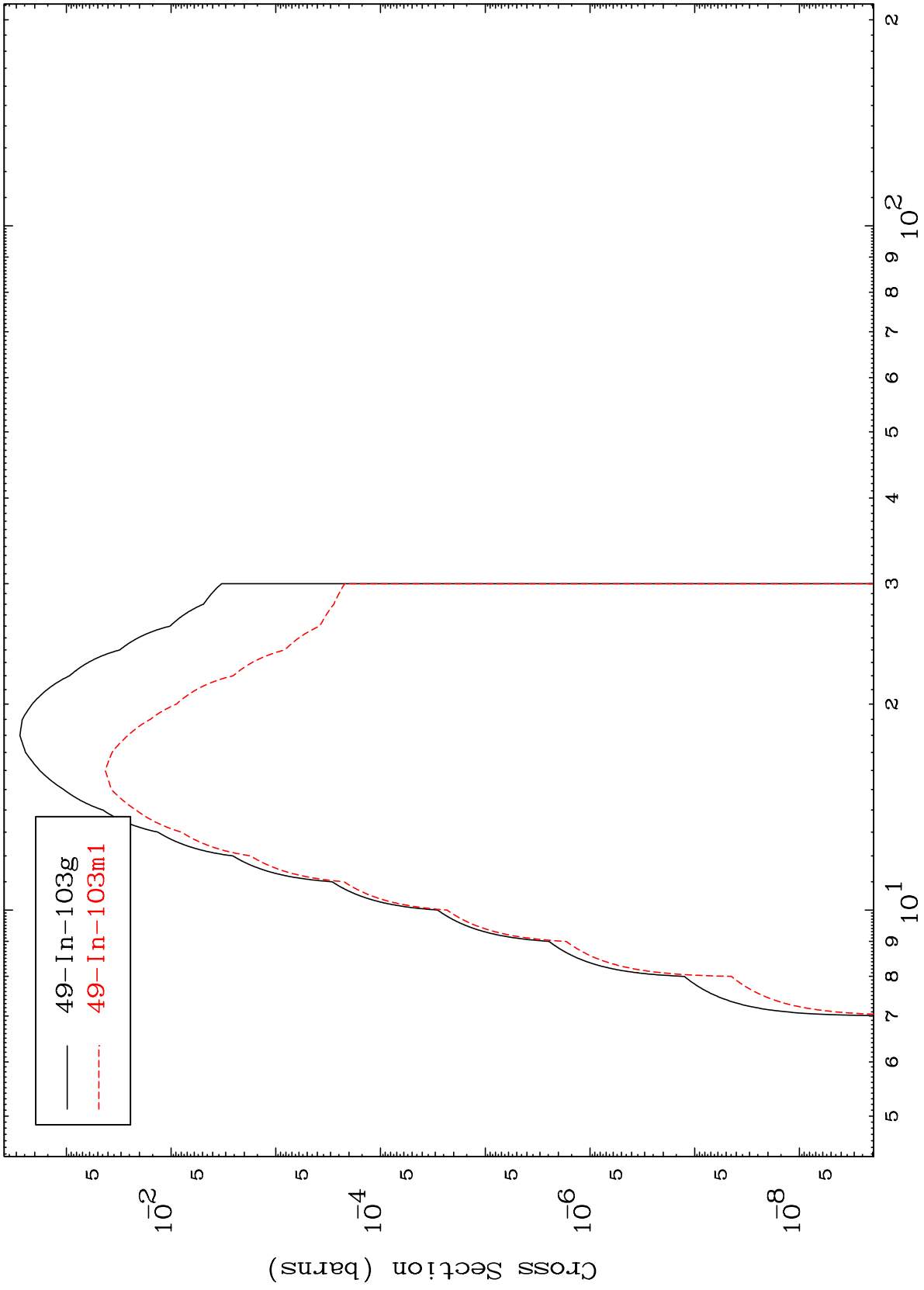
Incident Energy (MeV)

48-Cd-100

MAT 4807

Radionuclide Production Cross Section  
( $\alpha, p$ )

48-Cd-100



11

Incident Energy (MeV)

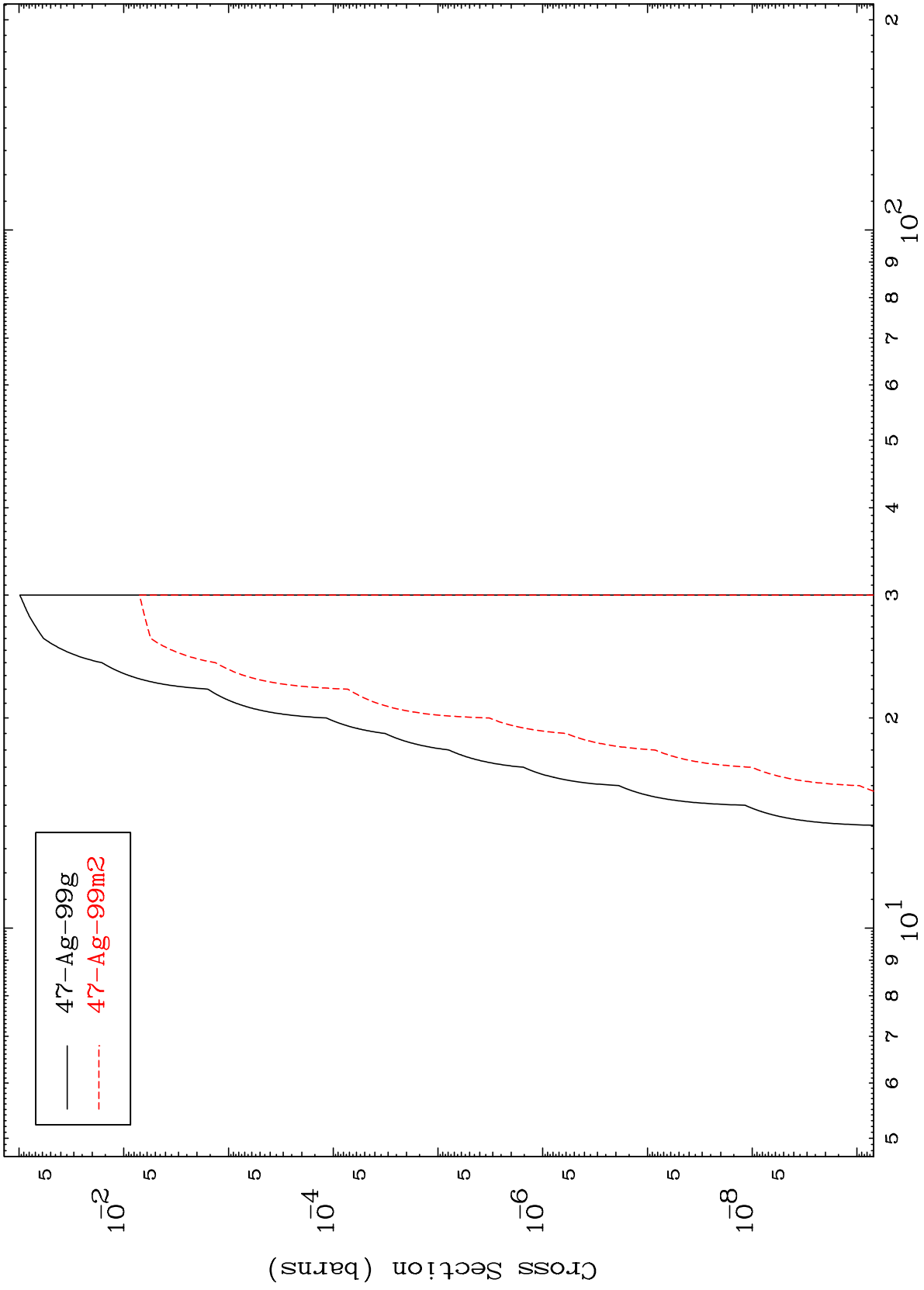
48-Cd-100

MAT 4807

( $\alpha, p$ )  $\alpha$

48-Cd-100

Radionuclide Production Cross Section



12

Incident Energy (MeV)

48-Cd-100