

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

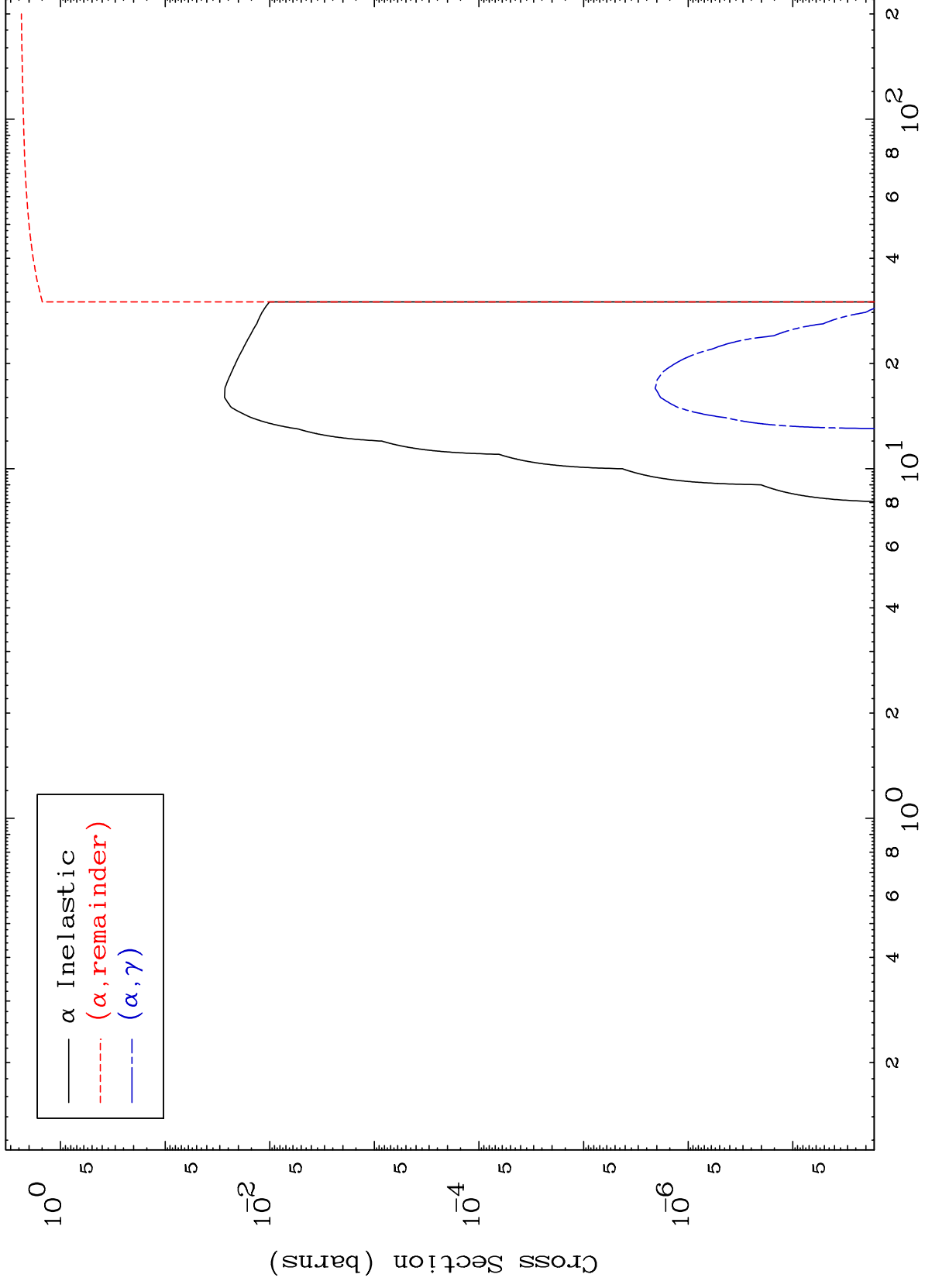
Press Mouse Button to Start

MAT 5543

$\alpha$  Major

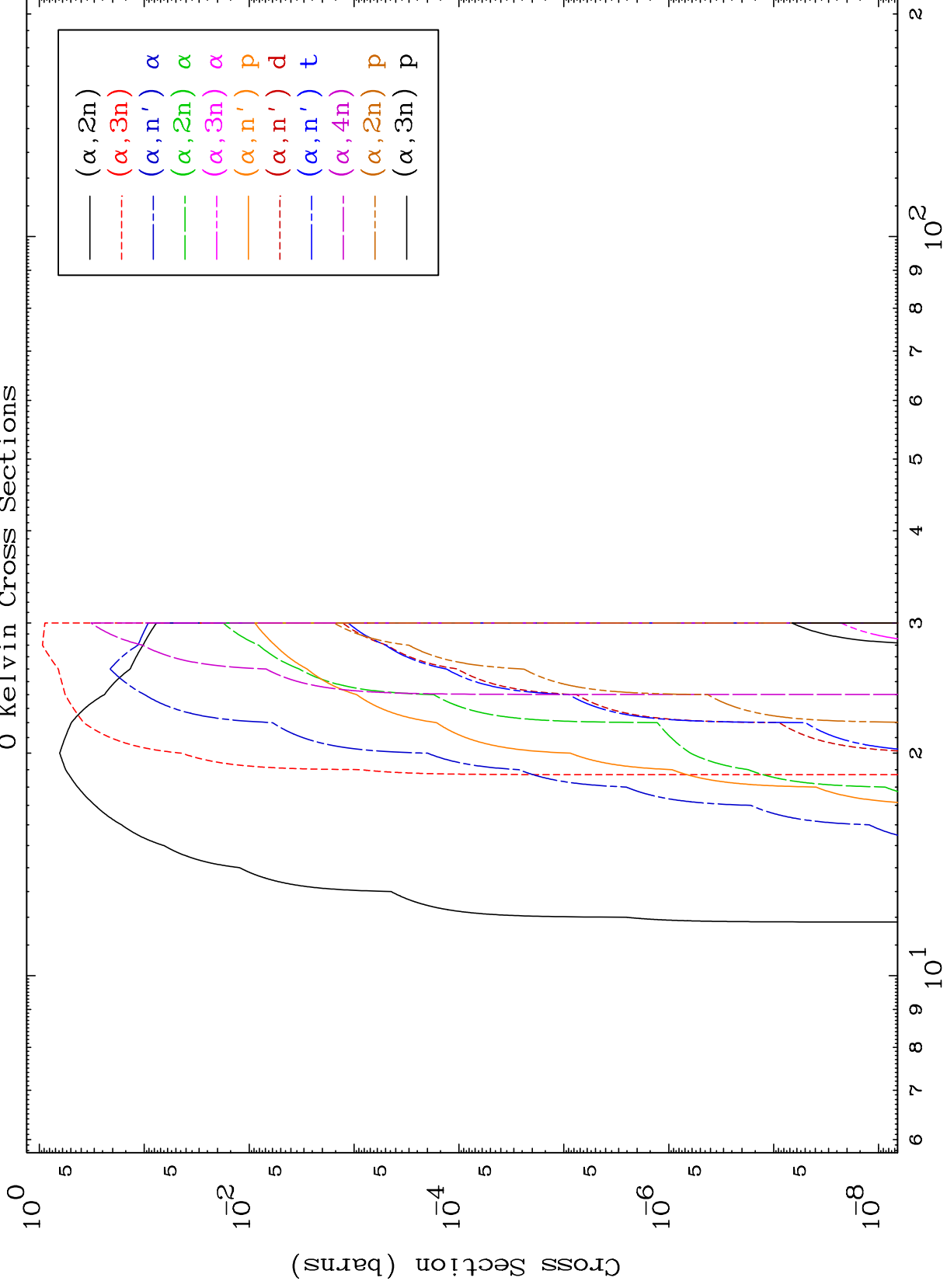
55-Cs-139

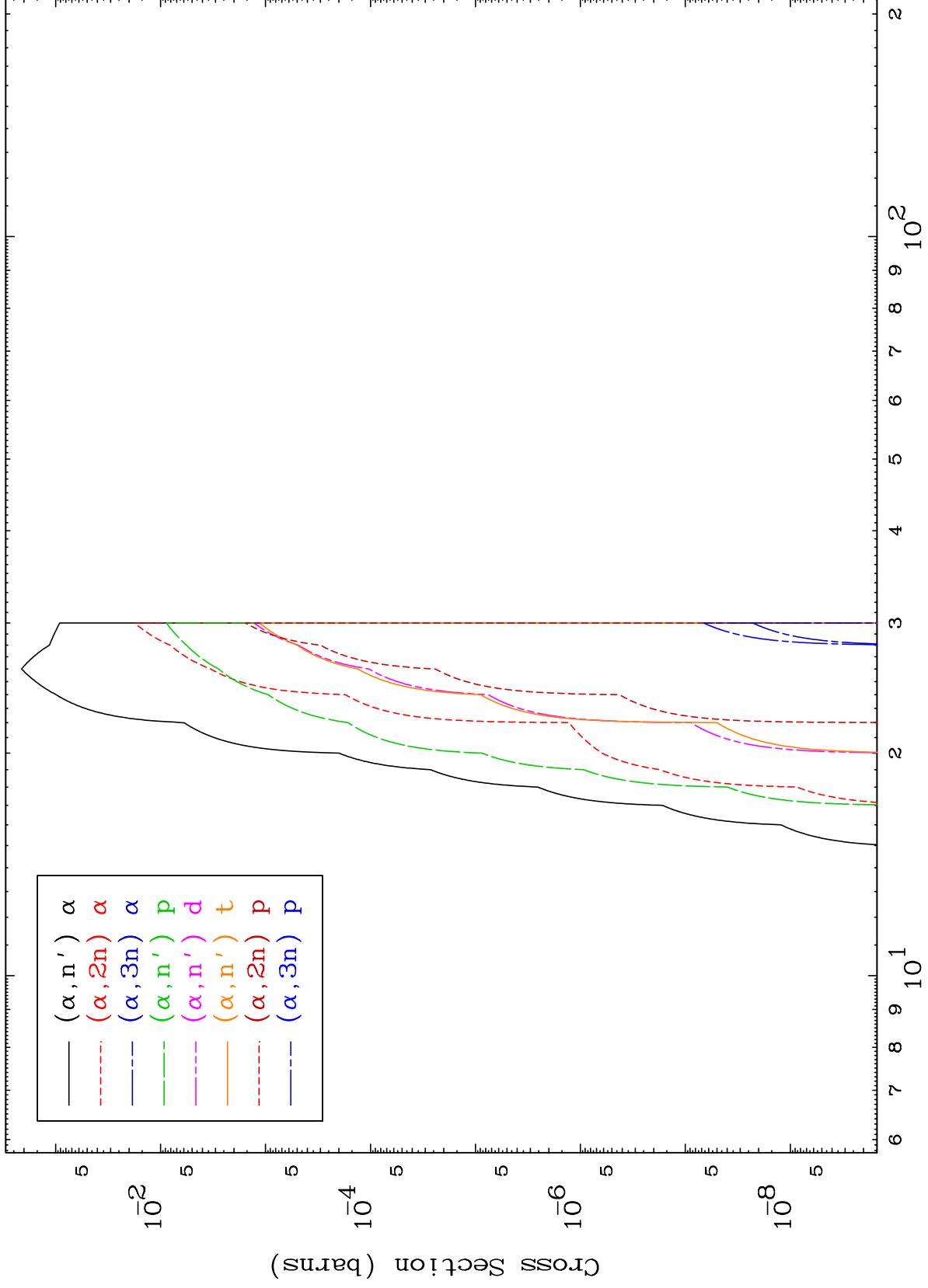
0 Kelvin Cross Sections

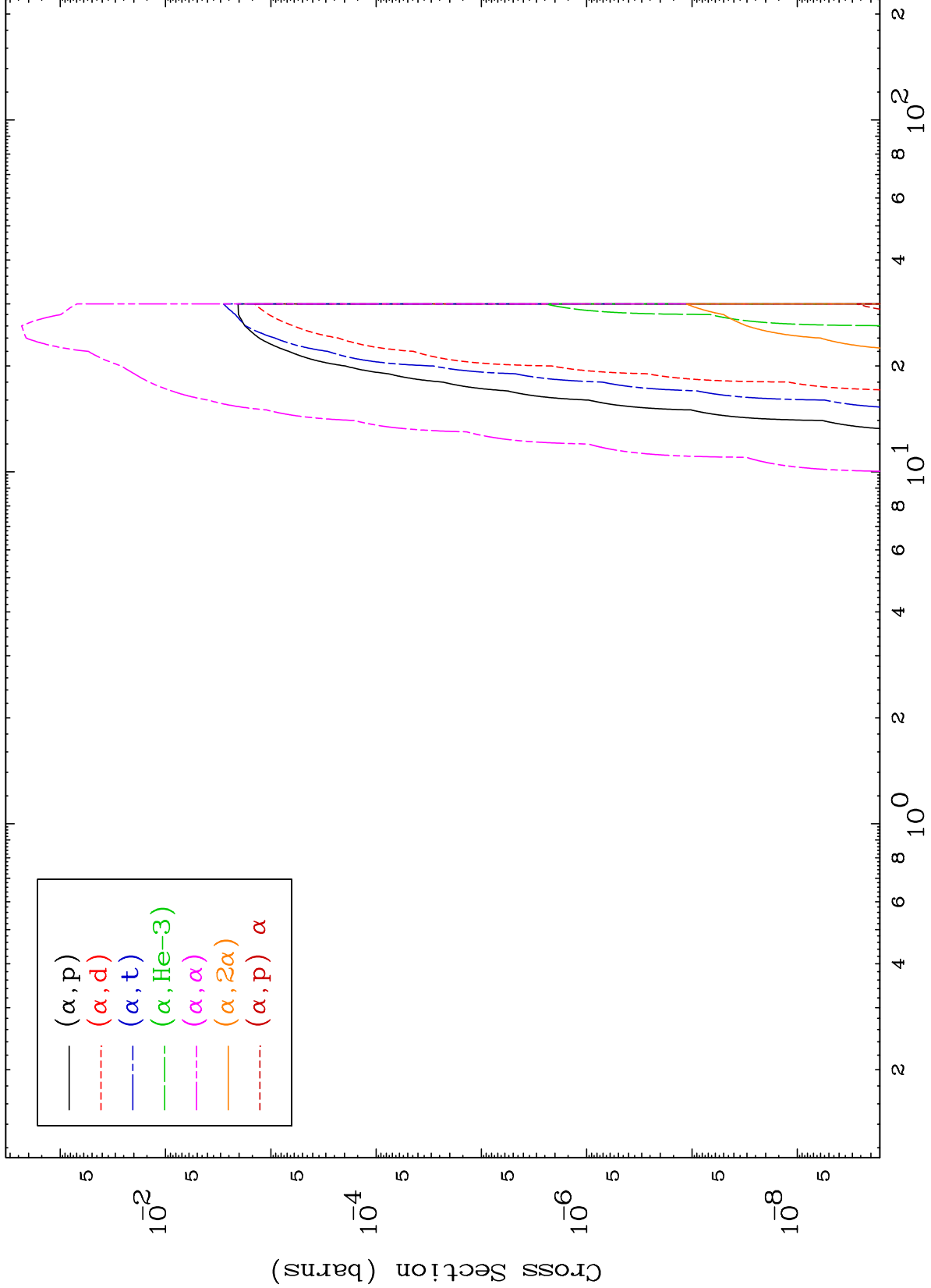


Incident Energy (MeV)

55-Cs-139





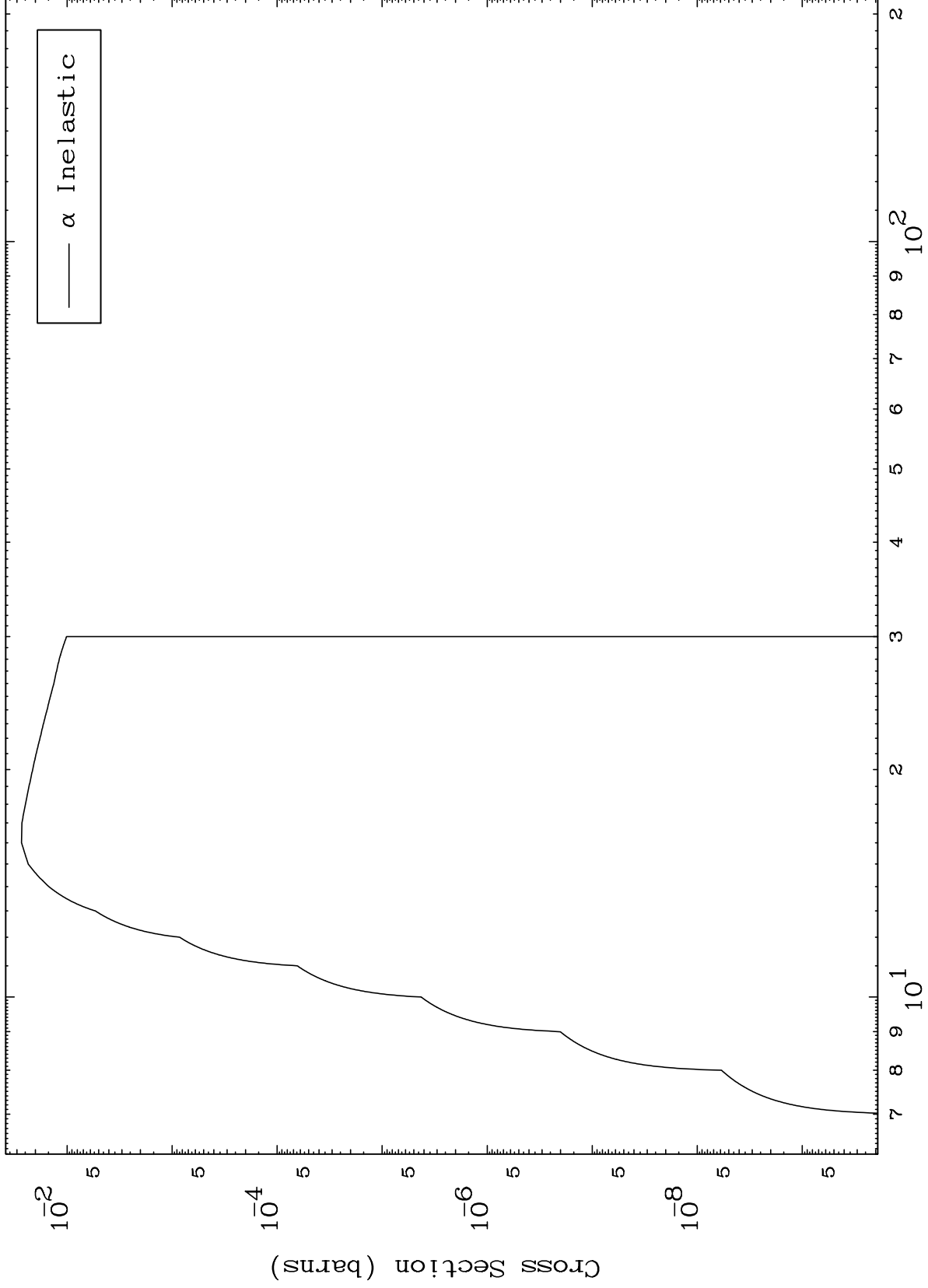


MAT 5543

( $\alpha, n'$ ) Level

55-Cs-139

0 Kelvin Cross Sections



5

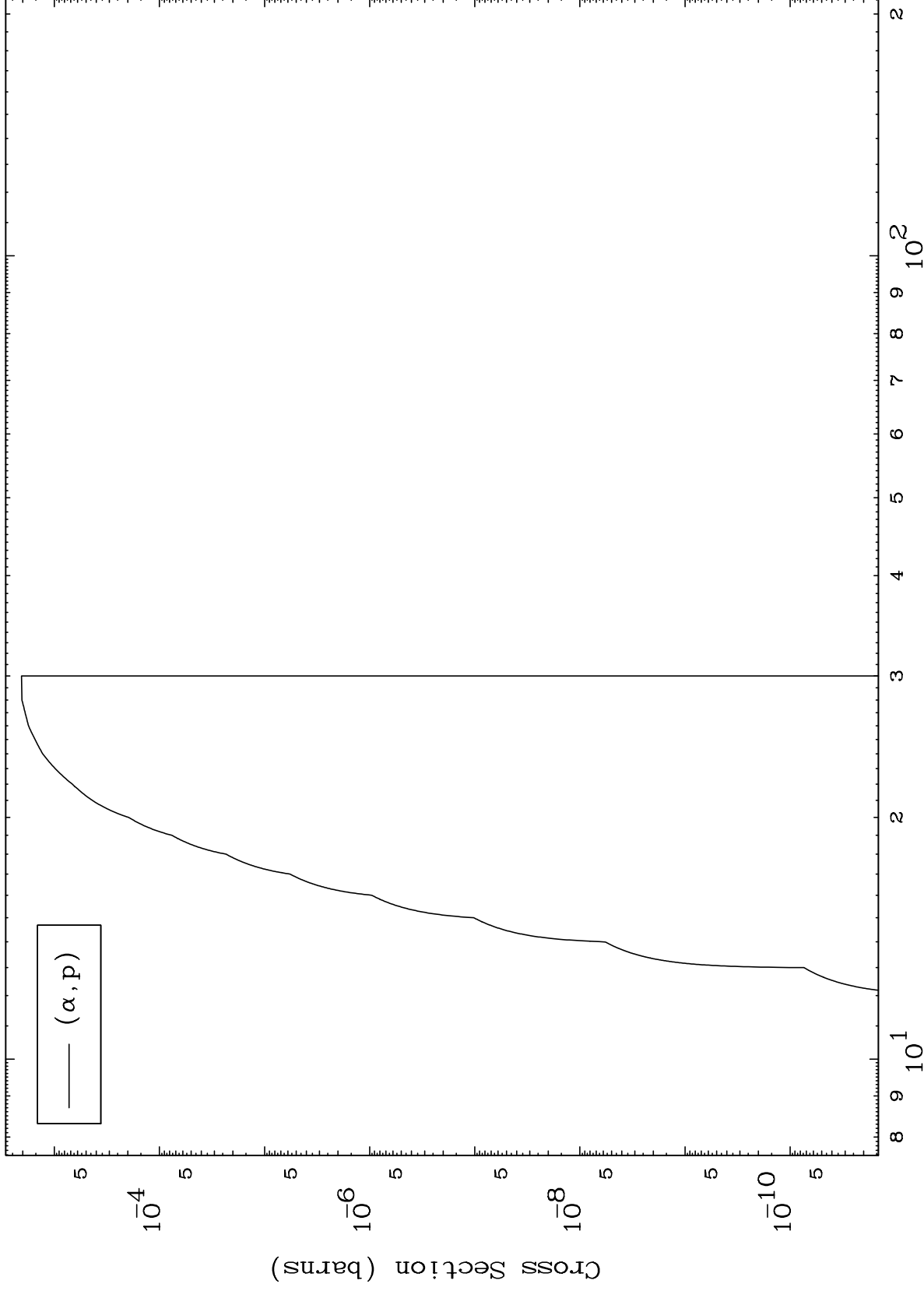
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



6

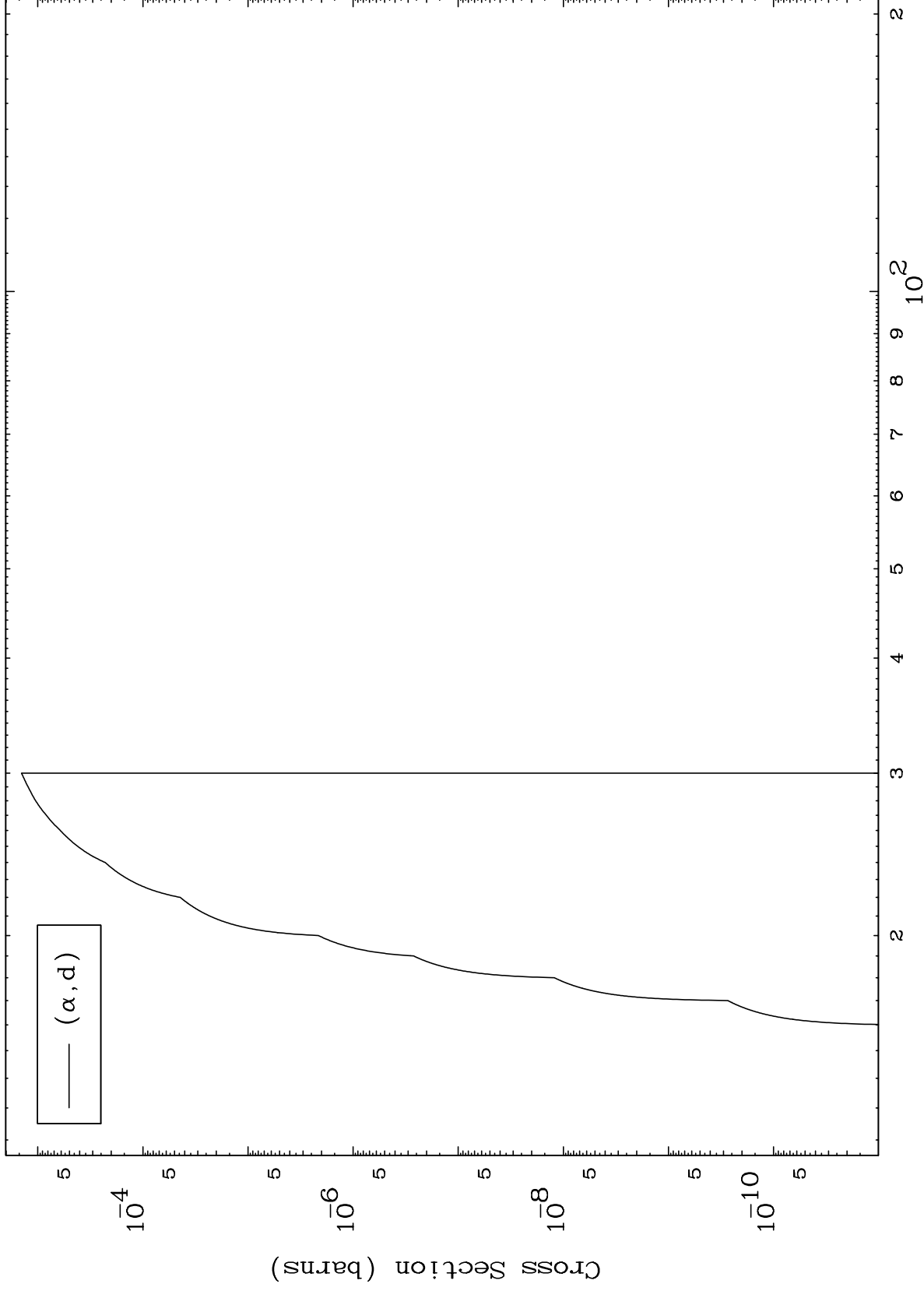
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



7

Incident Energy (MeV)

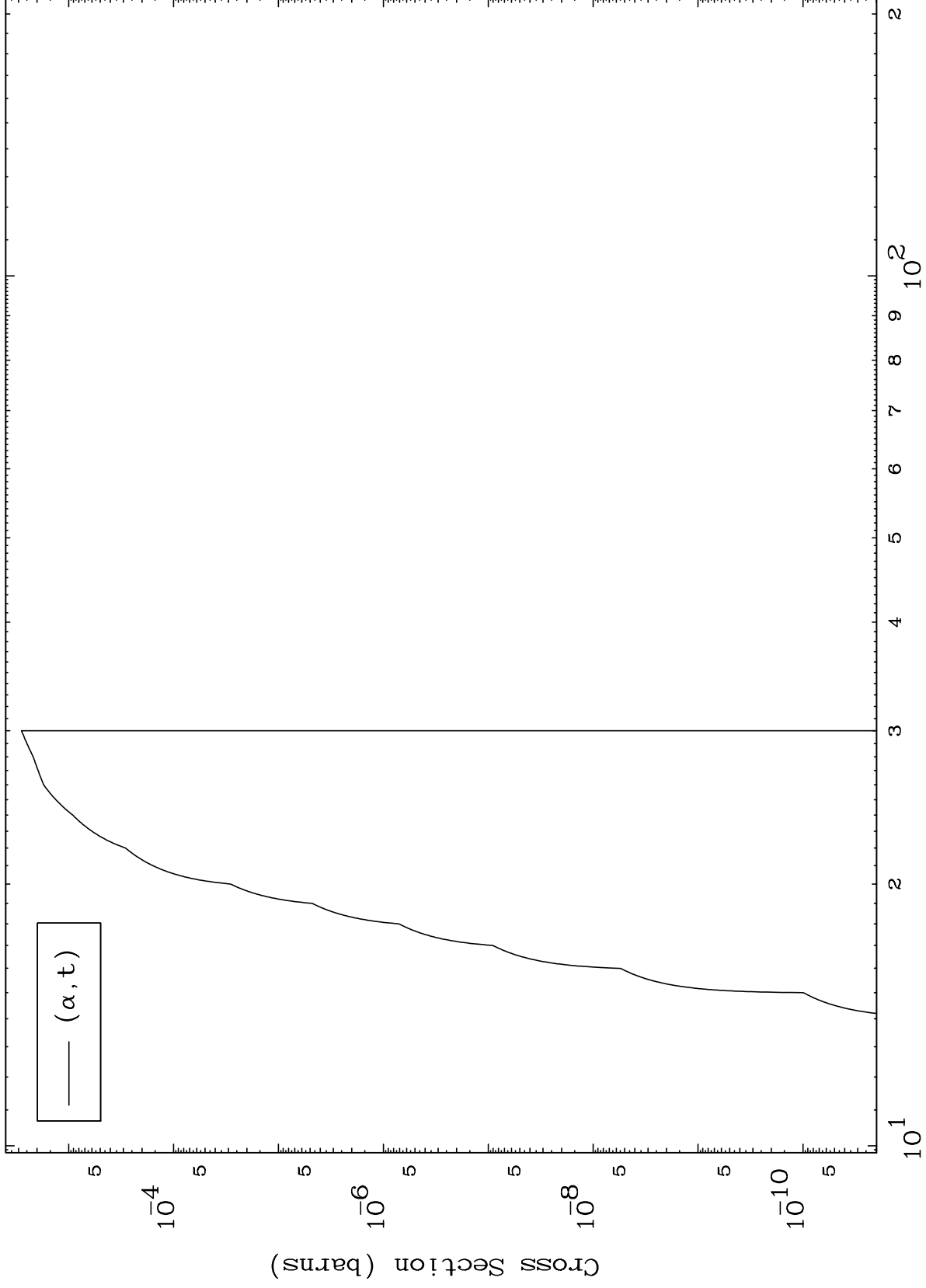
55-Cs-139



MAT 5543

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

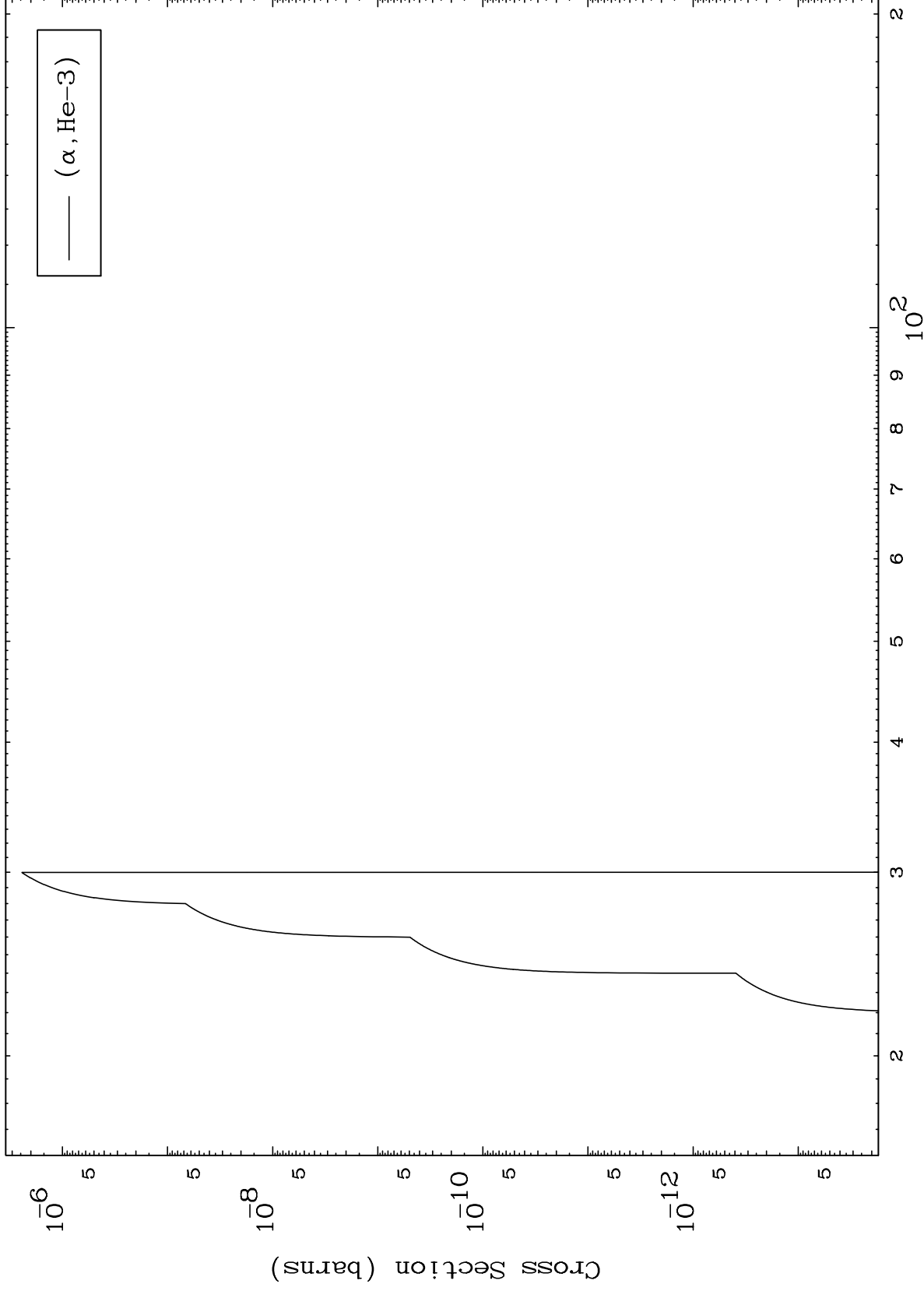
55-Cs-139



55-Cs-139

Incident Energy (MeV)

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

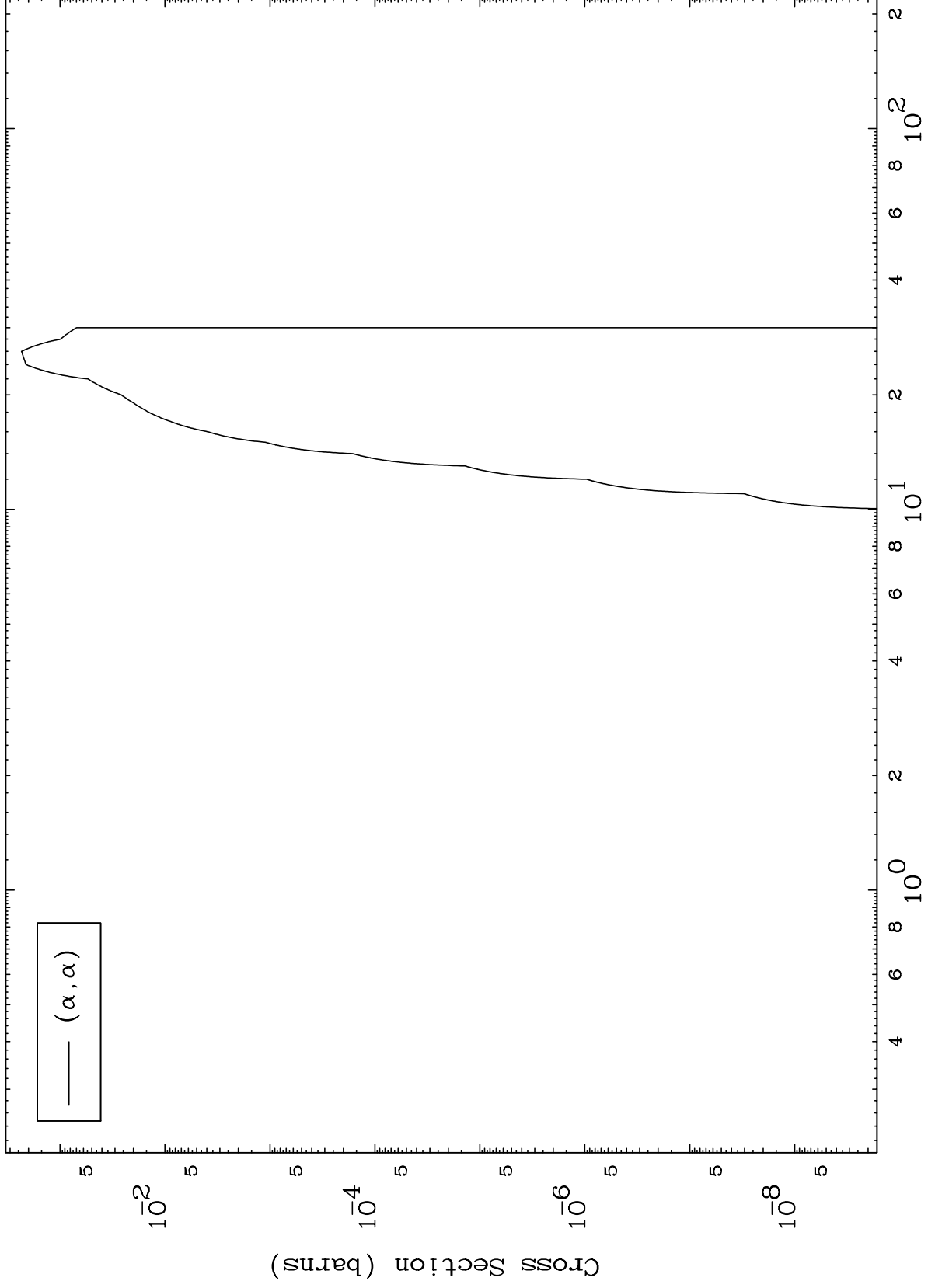


MAT 5543

( $\alpha, \alpha$ ) Levels

55-Cs-139

0 Kelvin Cross Sections



10

Incident Energy (MeV)

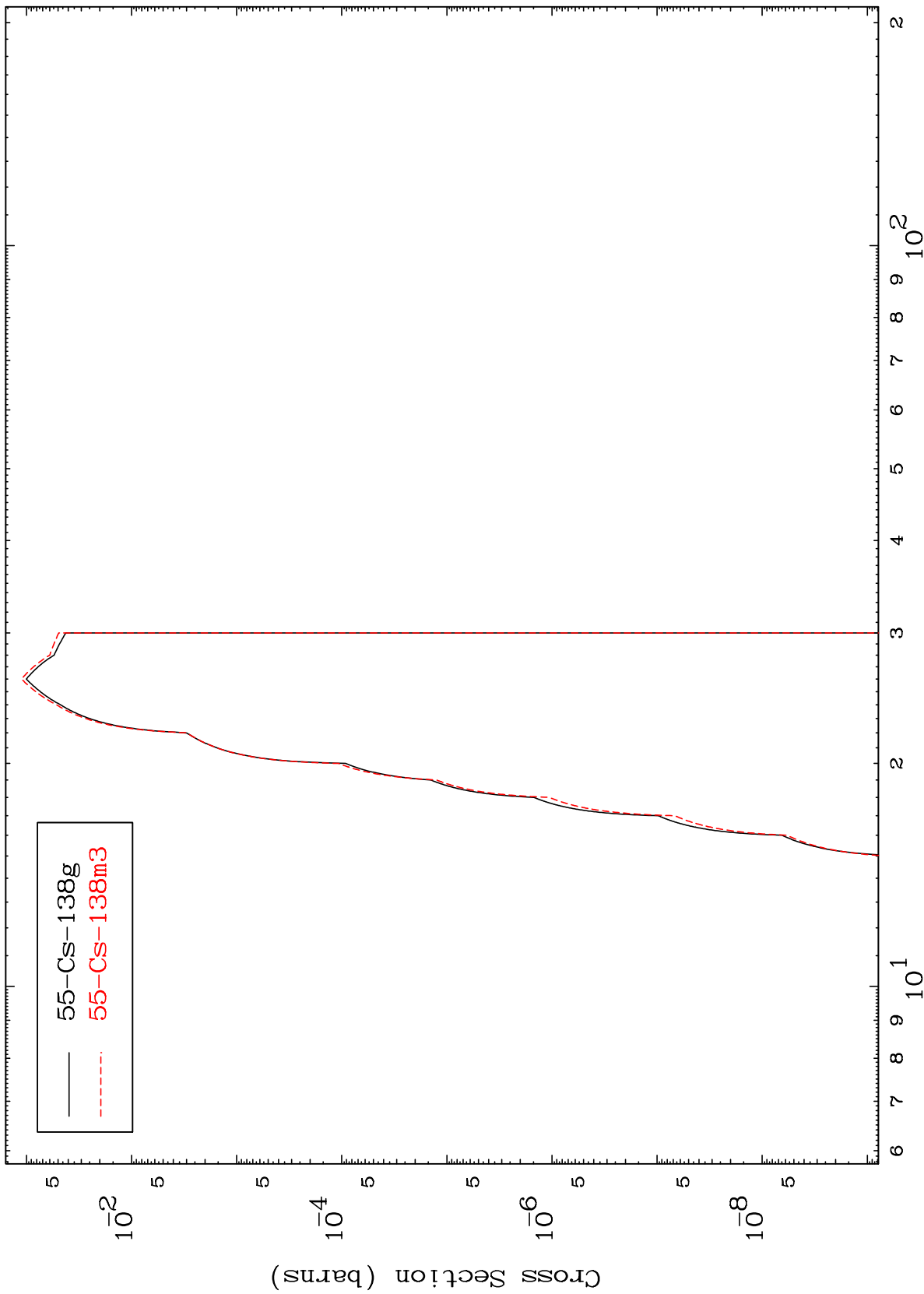
55-Cs-139

MAT 5543

$(\alpha, n')$   $\alpha$

55-Cs-139

Radionuclide Production Cross Section



11

Incident Energy (MeV)

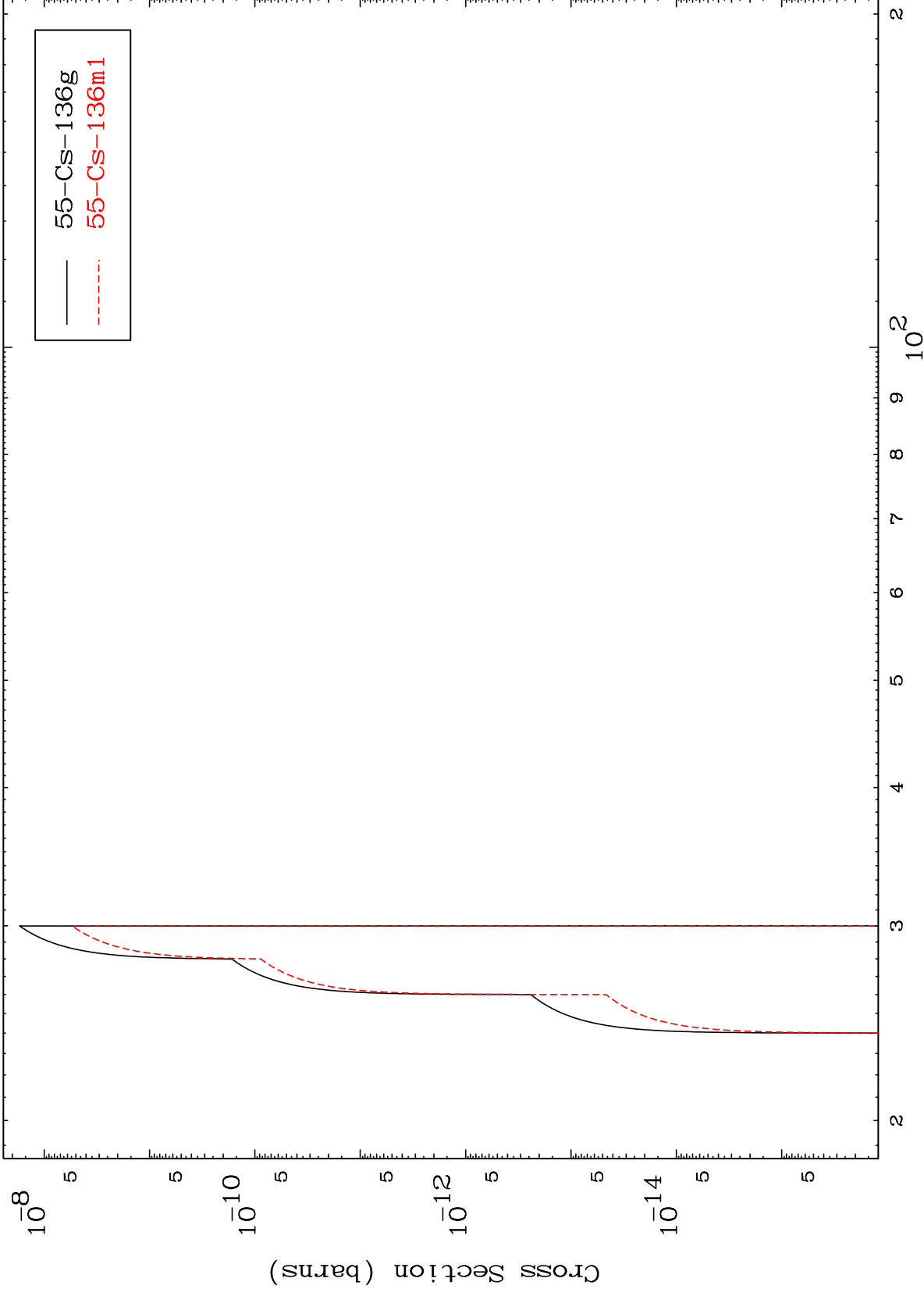
55-Cs-139

MAT 5543

$(\alpha, 3n) \alpha$

55-Cs-139

Radionuclide Production Cross Section



12

Incident Energy (MeV)

55-Cs-139