

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)

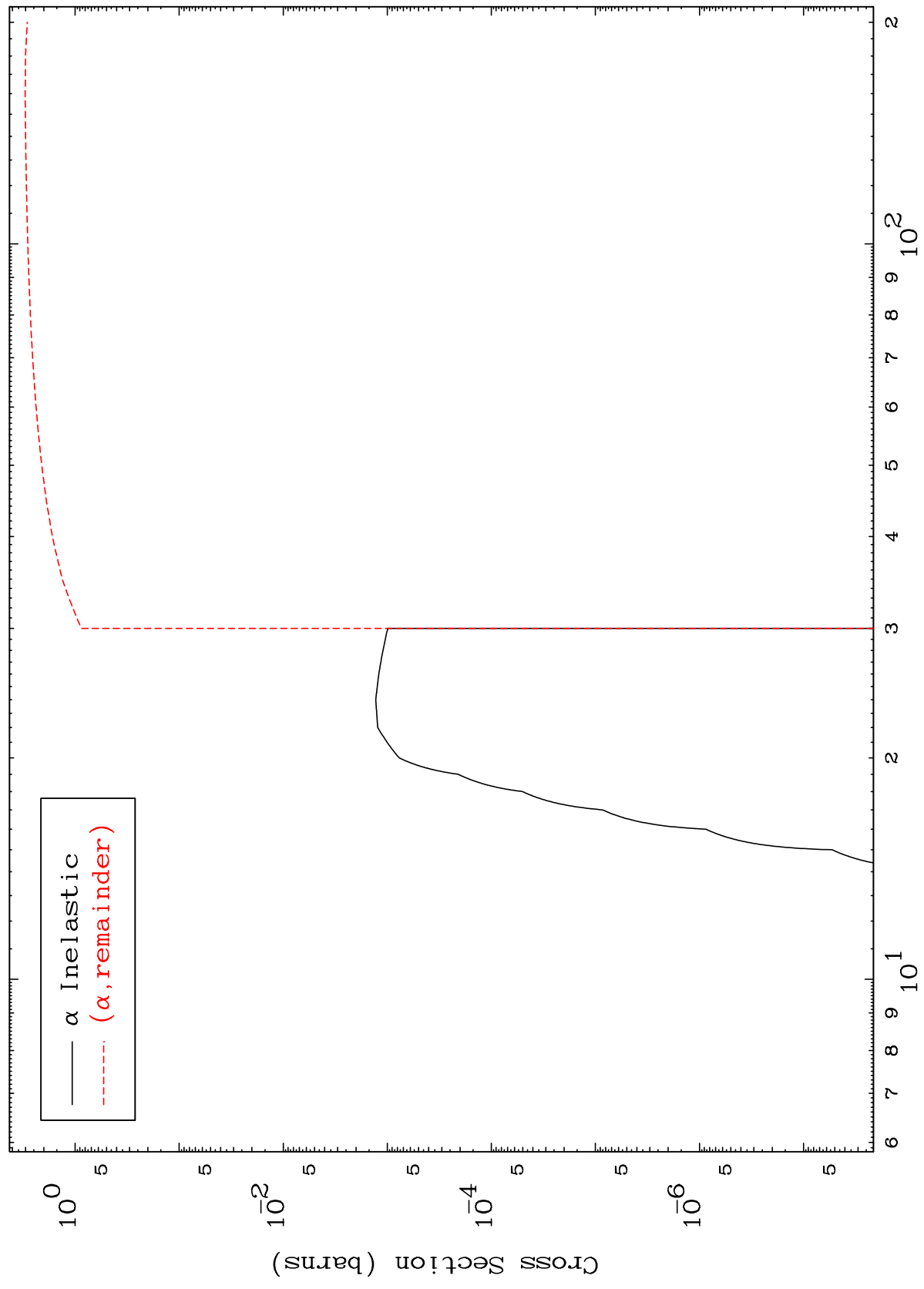
Press Mouse Button to Start

MAT 9547

0 Kelvin

$\alpha$  Major Cross Sections

95-Am-242



—  $\alpha$  Inelastic  
- - - ( $\alpha$ , remainder)

95-Am-242

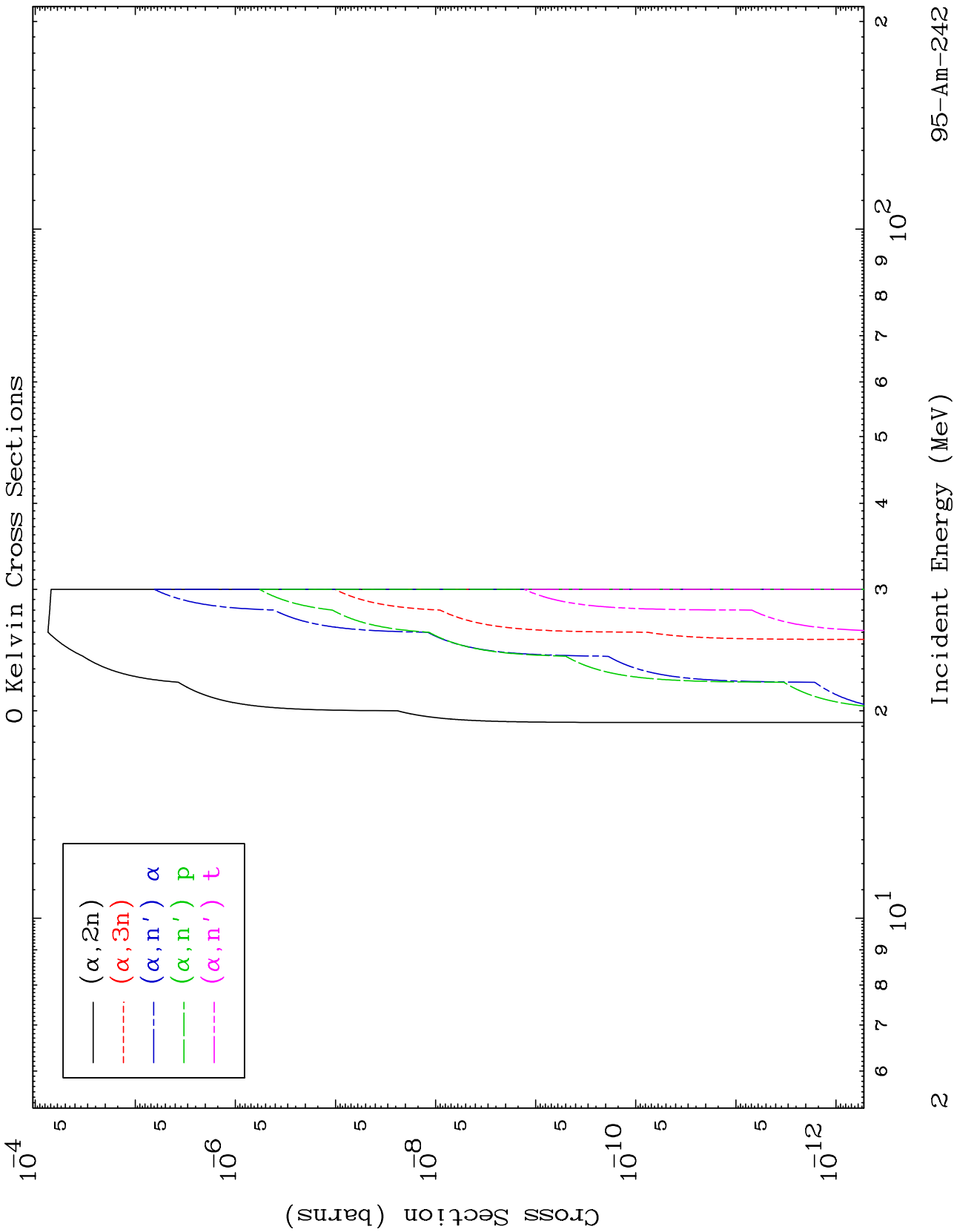
Incident Energy (MeV)

1

MAT 9547

$\alpha$  Neutron Production

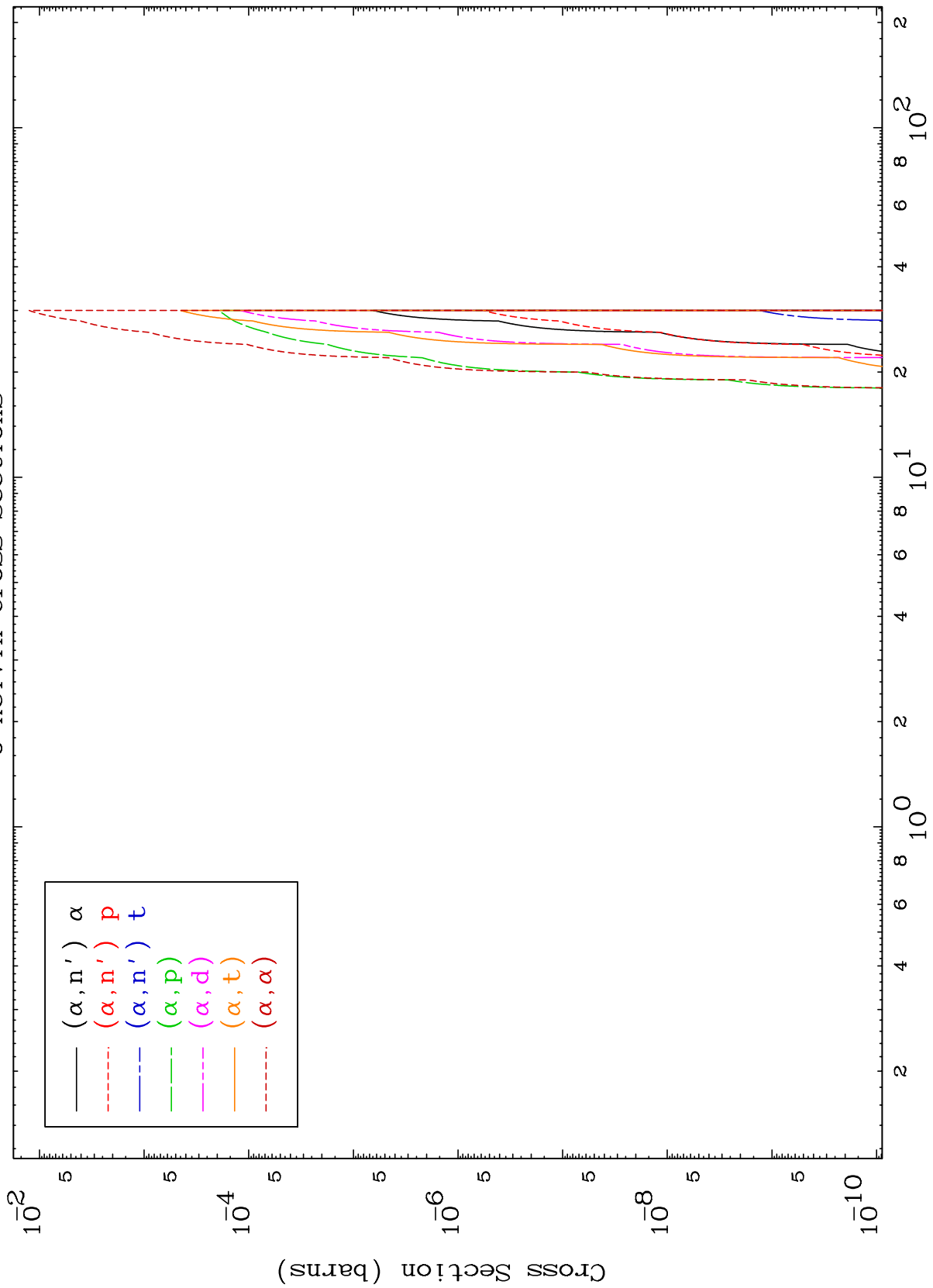
95-Am-242



MAT 9547

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

95-Am-242



95-Am-242

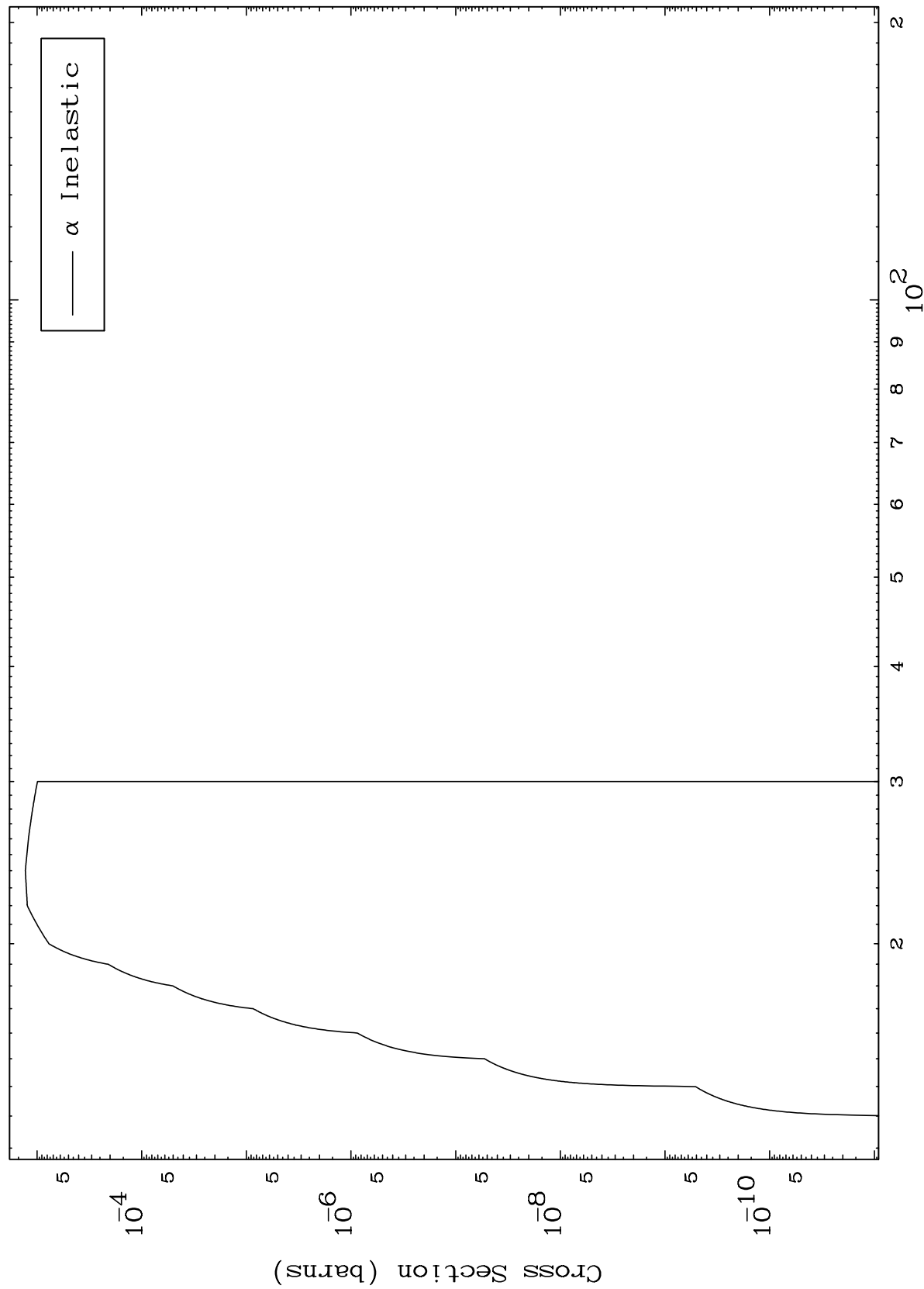
Incident Energy (MeV)

MAT 9547

( $\alpha, n'$ ) Level

95-Am-242

0 Kelvin Cross Sections

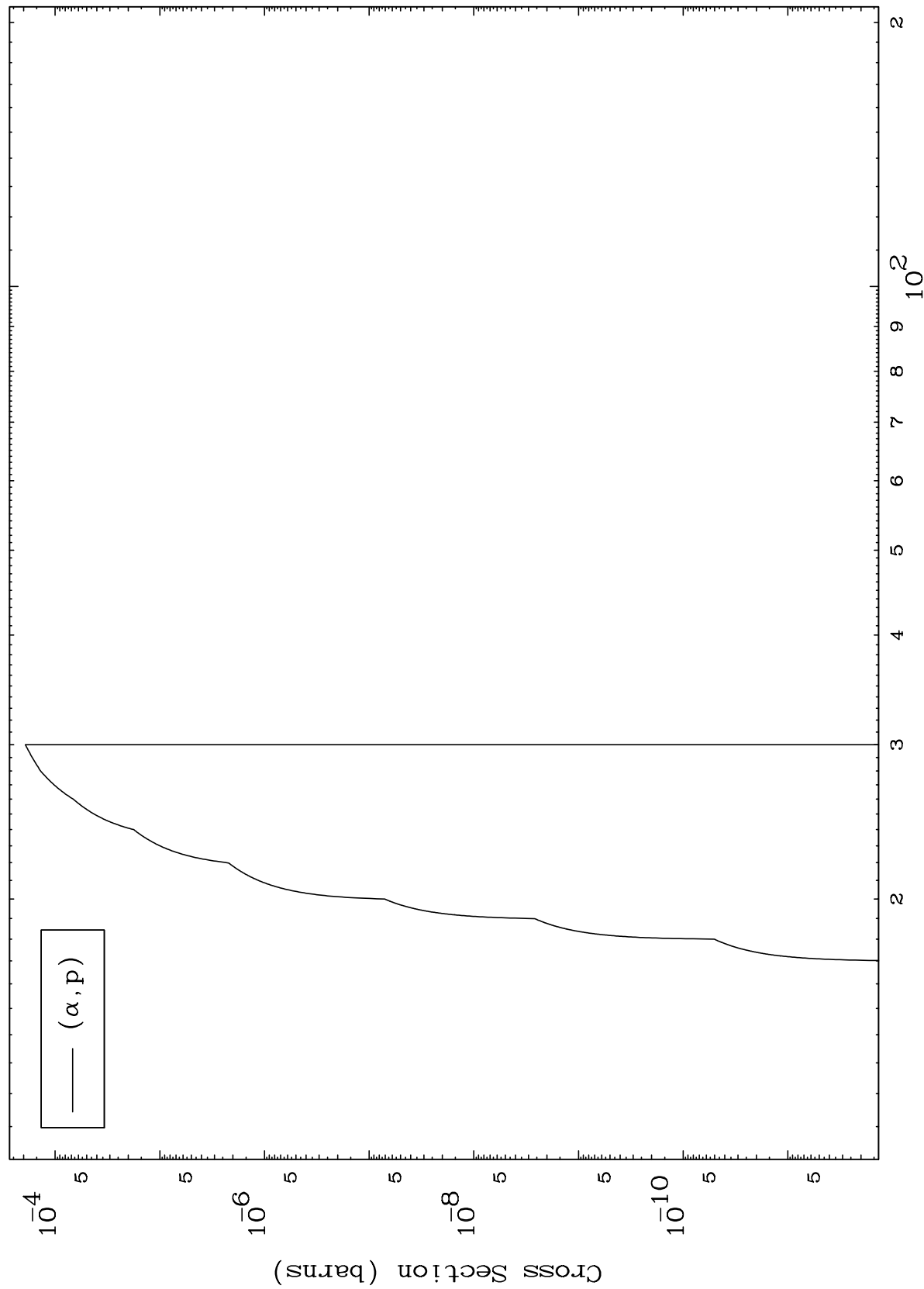


Incident Energy (MeV)

95-Am-242

4

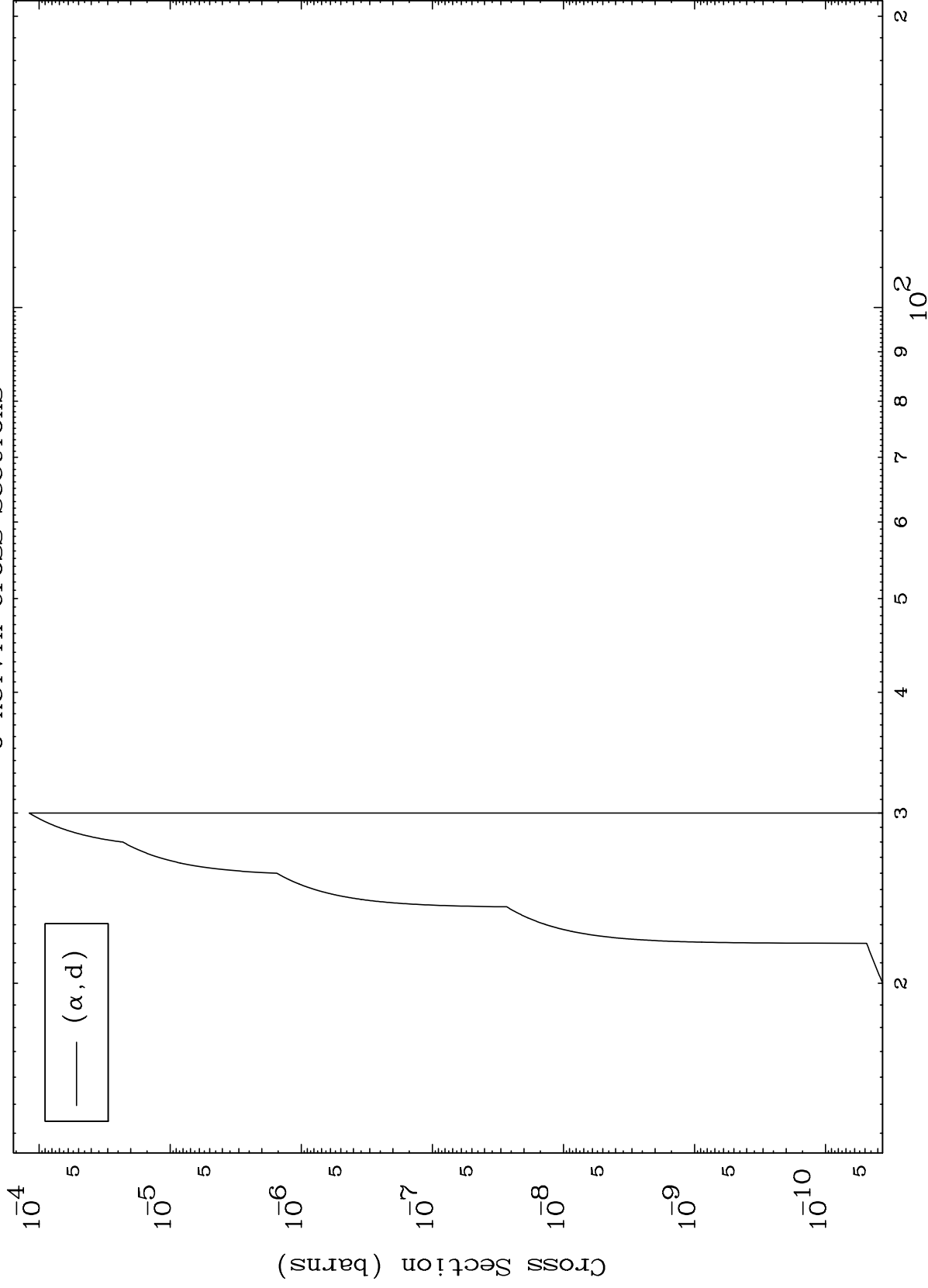
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections



MAT 9547

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

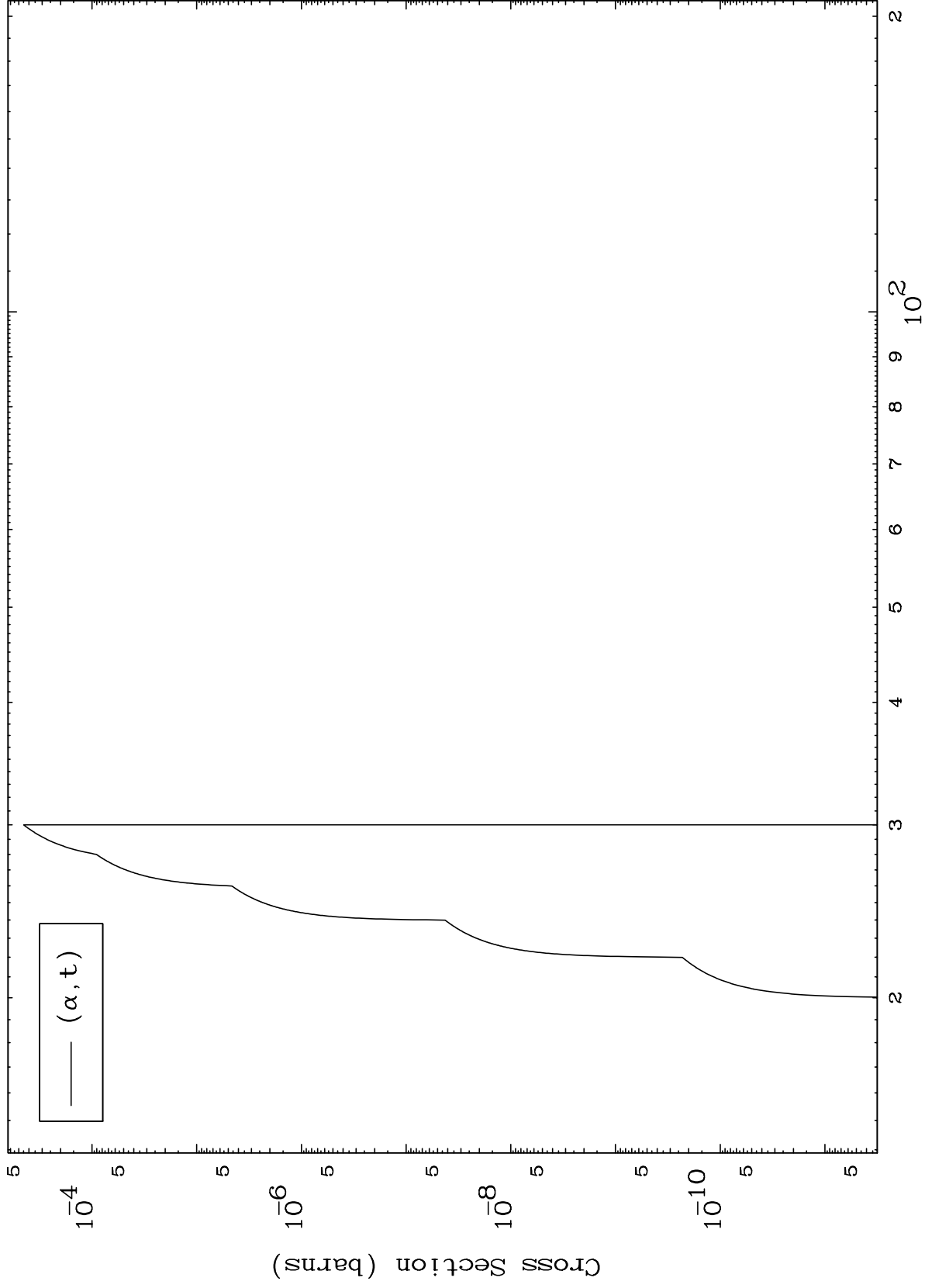
95-Am-242



MAT 9547

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

95-Am-242



7

Incident Energy (MeV)

95-Am-242

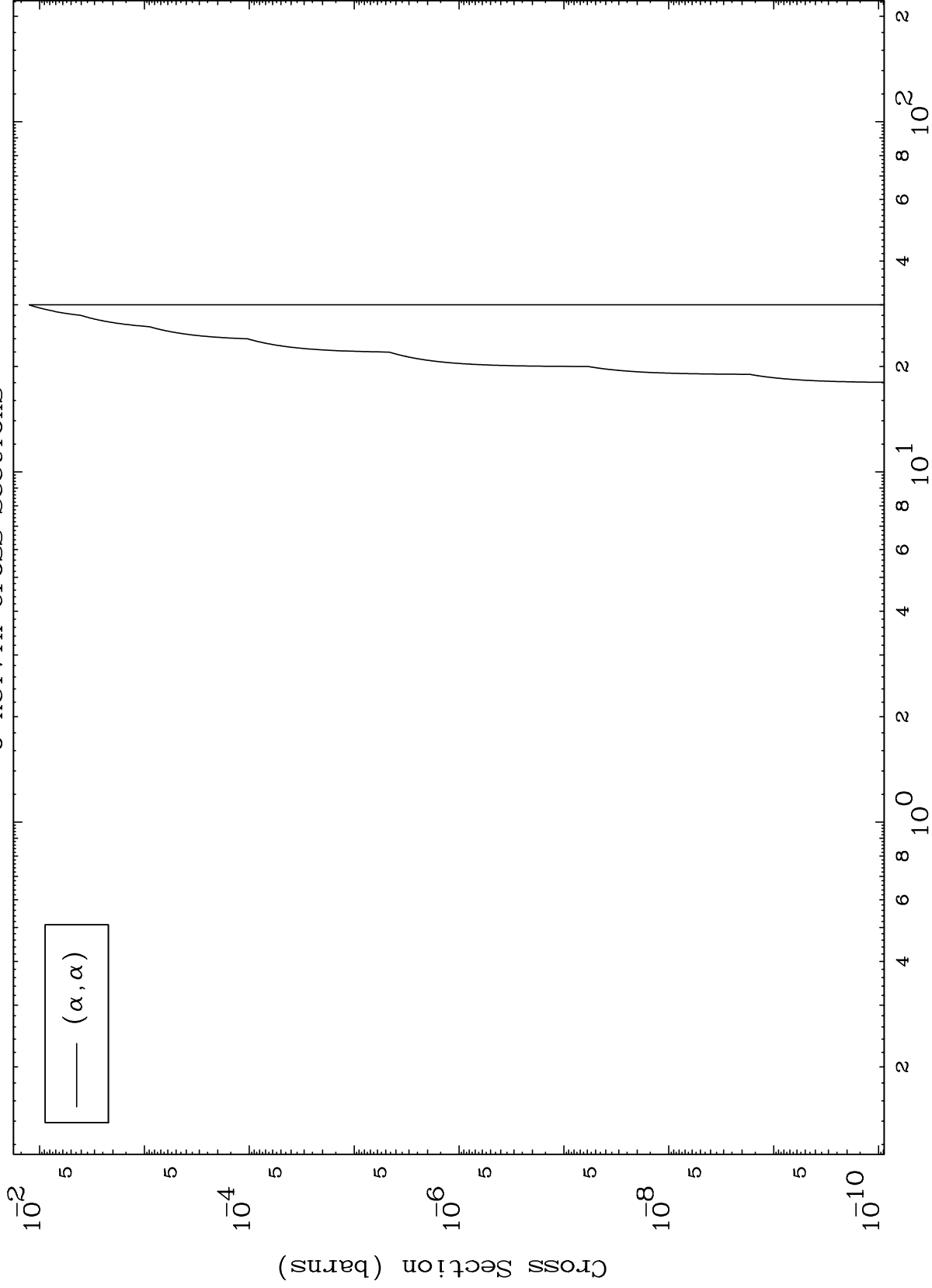


MAT 9547

( $\alpha, \alpha$ ) Levels

95-Am-242

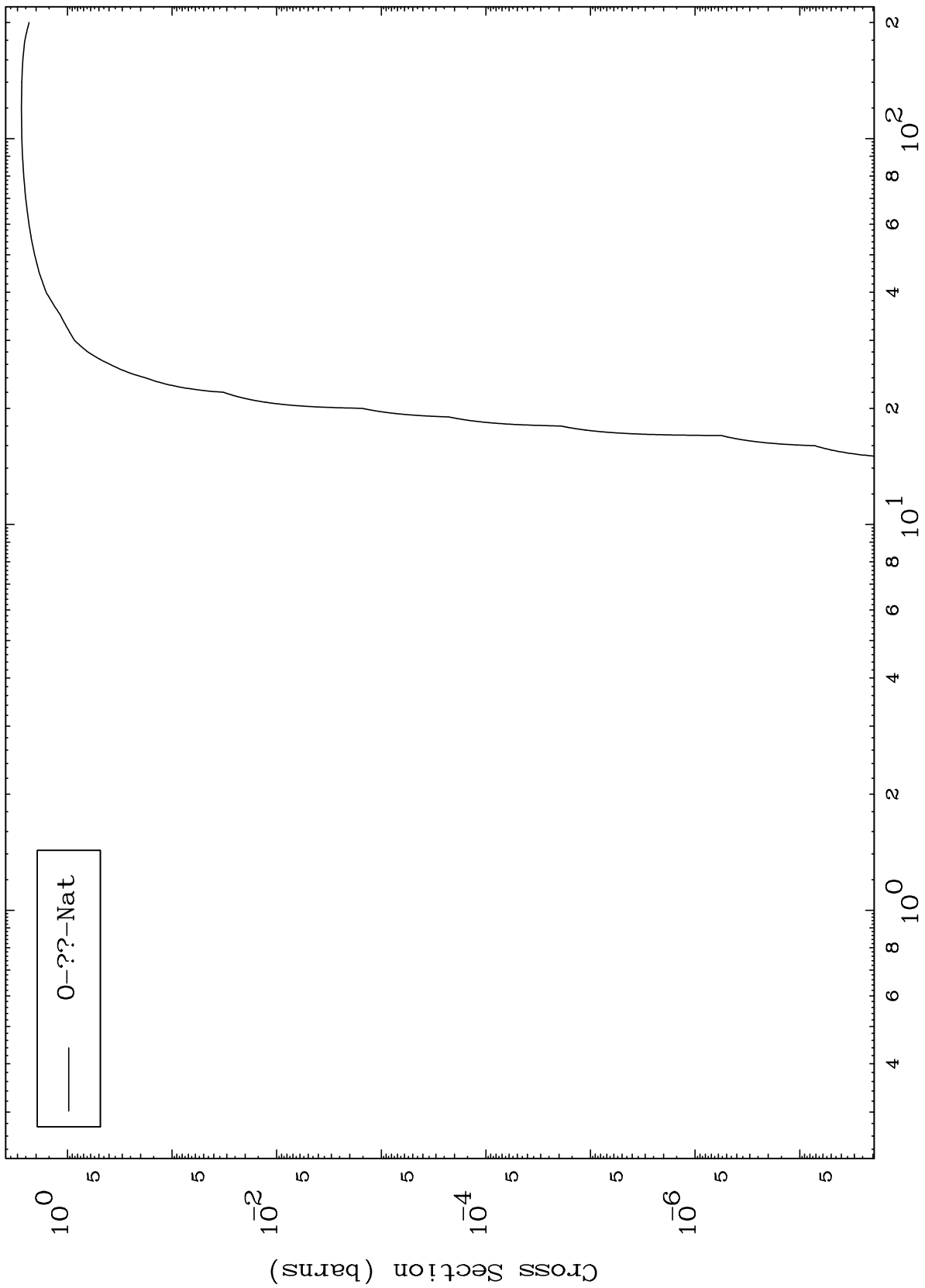
0 Kelvin Cross Sections



MAT 9547

95-Am-242

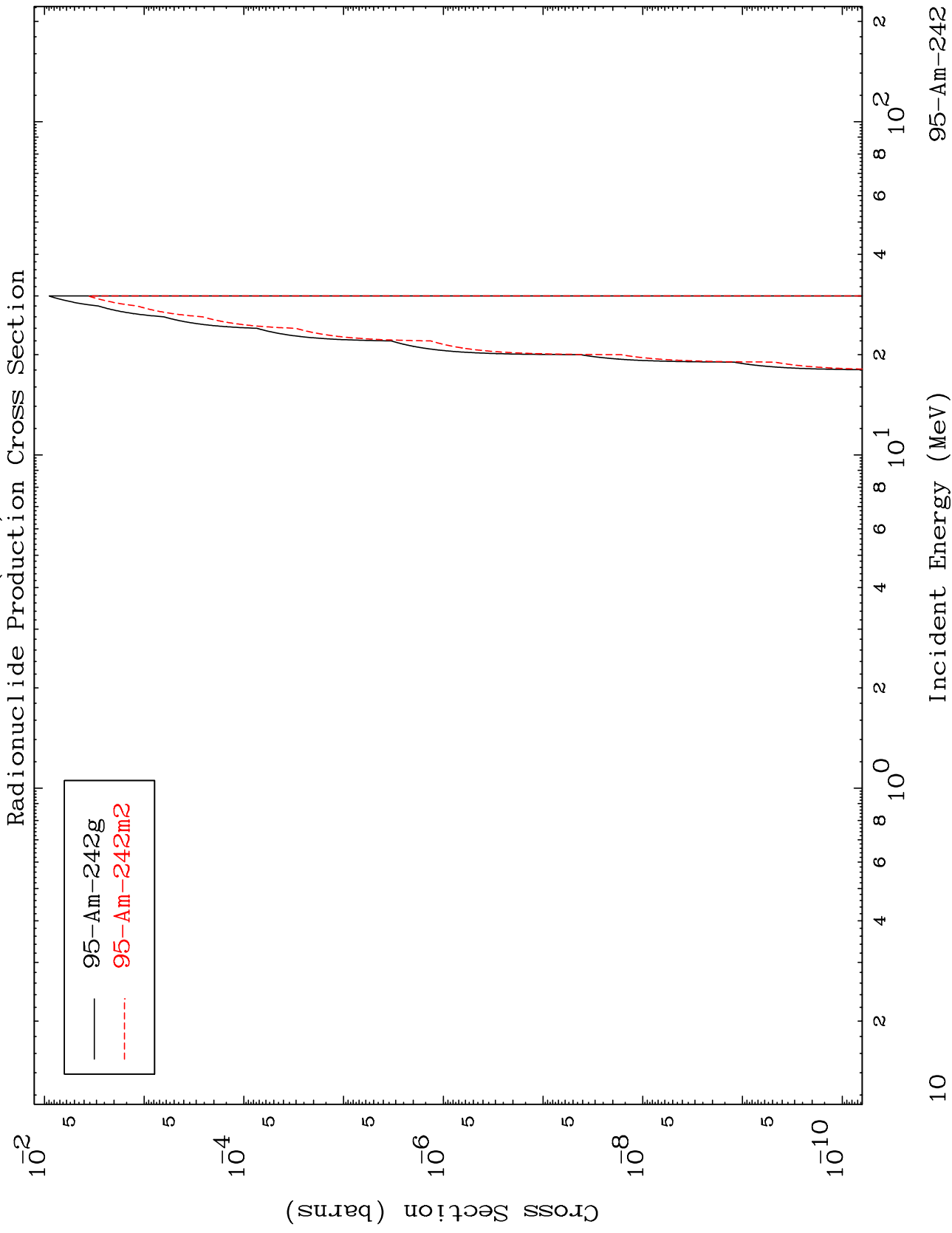
$\alpha$  Fission  
Radionuclide Production Cross Section



MAT 9547

( $\alpha, \alpha$ )

95-Am-242



10