

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)

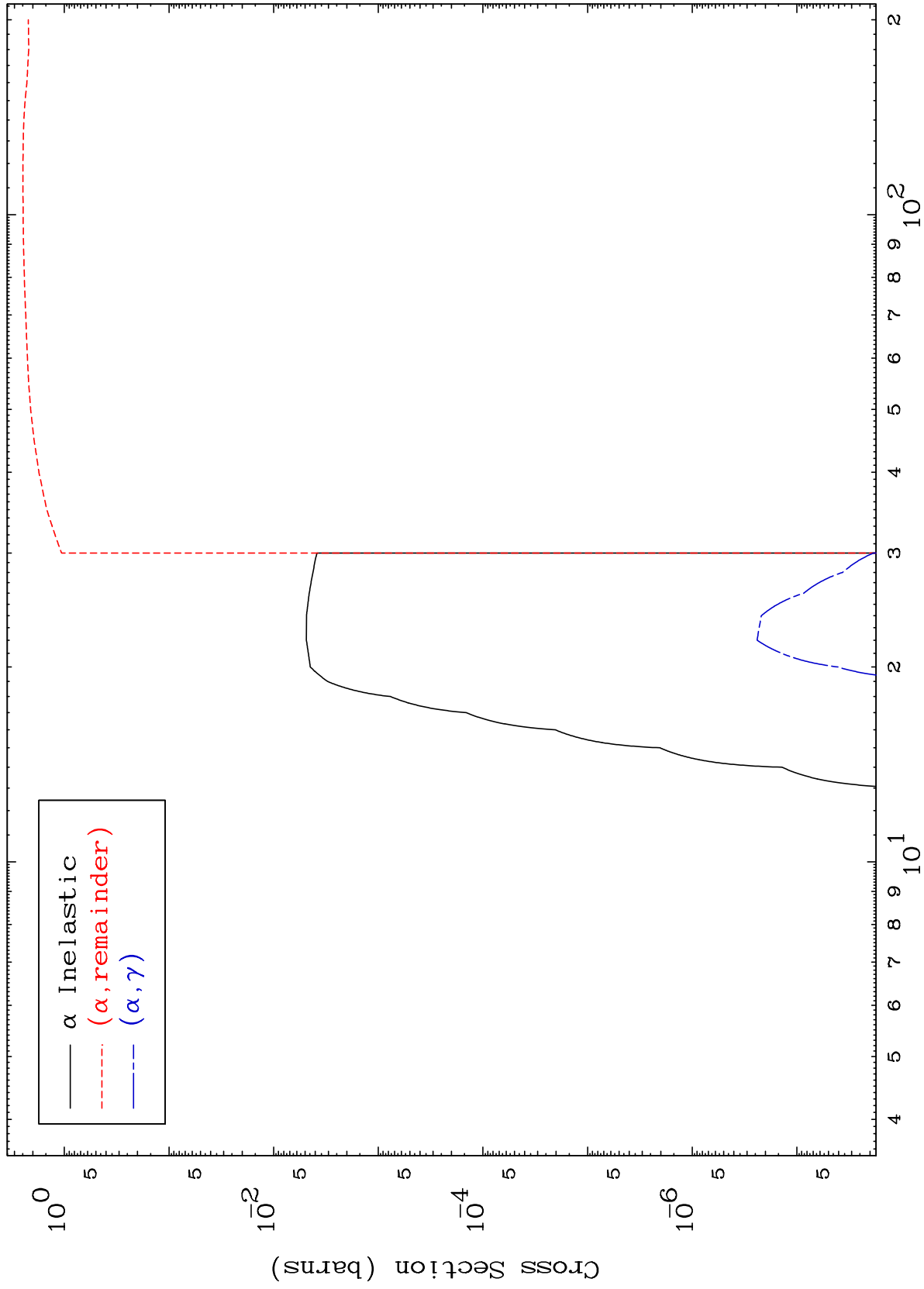
Press Mouse Button to Start

MAT 8770

$\alpha$  Major

87-Fr-227

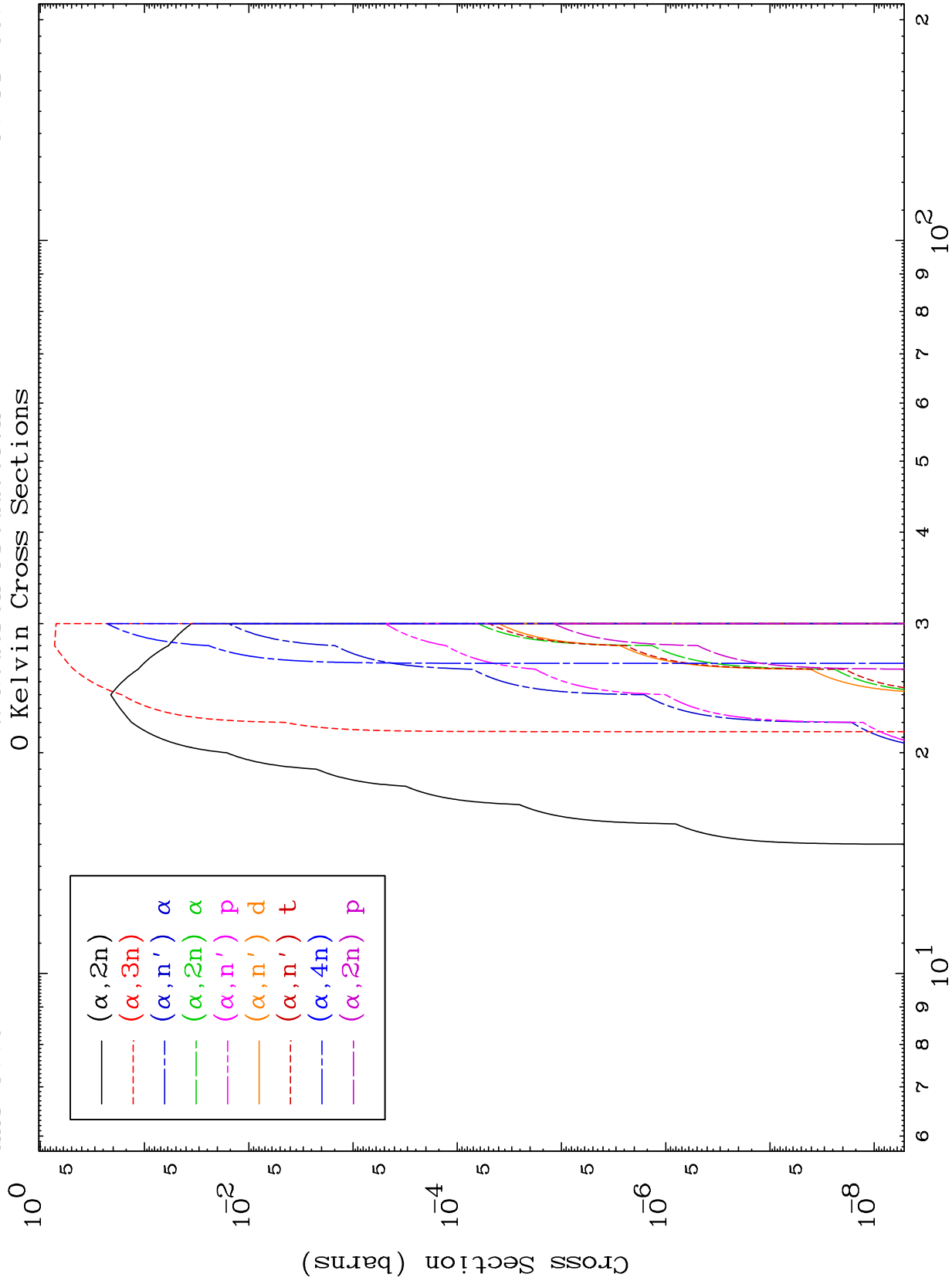
0 Kelvin Cross Sections



MAT 8770

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

87-Fr-227



2

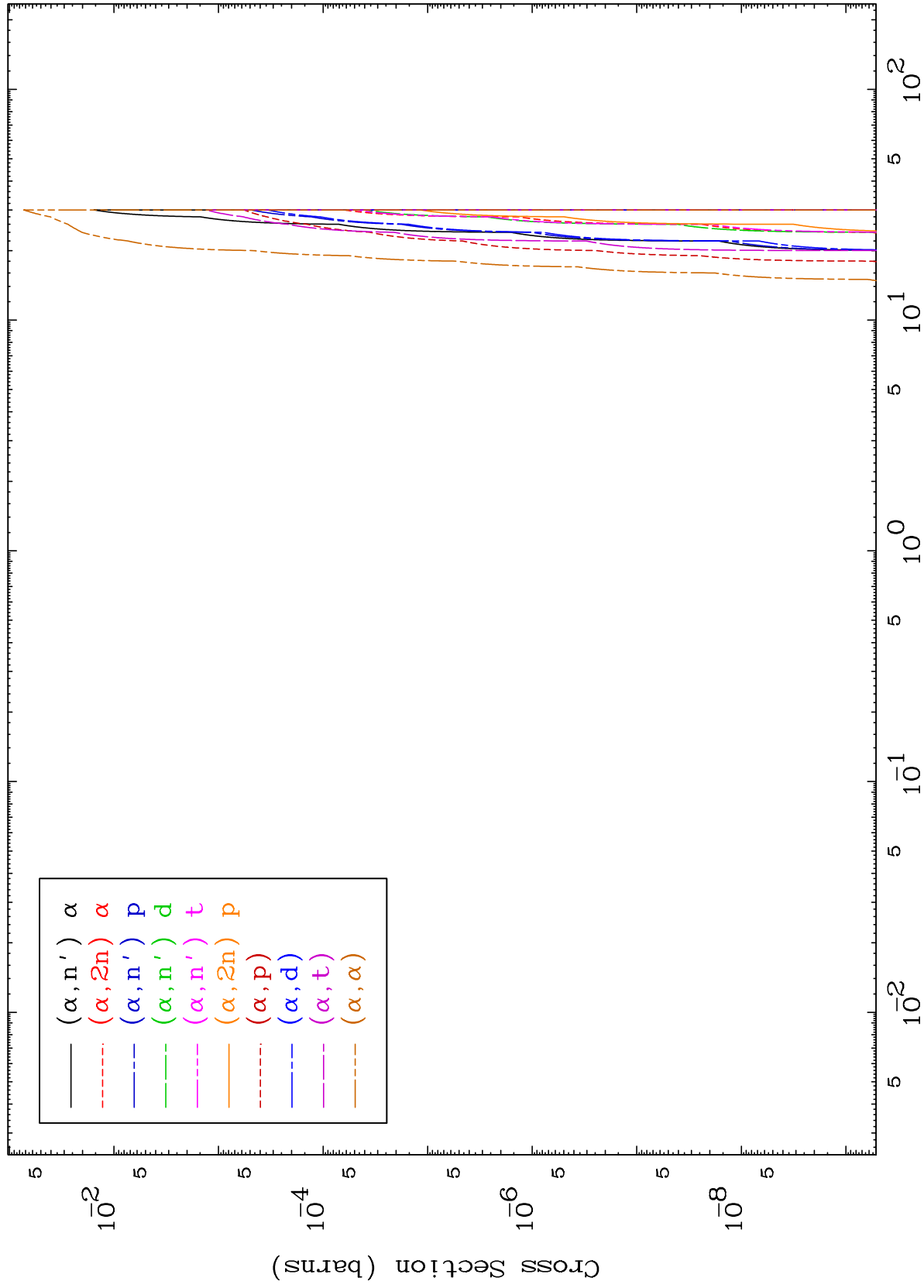
Incident Energy (MeV)

87-Fr-227

MAT 8770

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

87-Fr-227



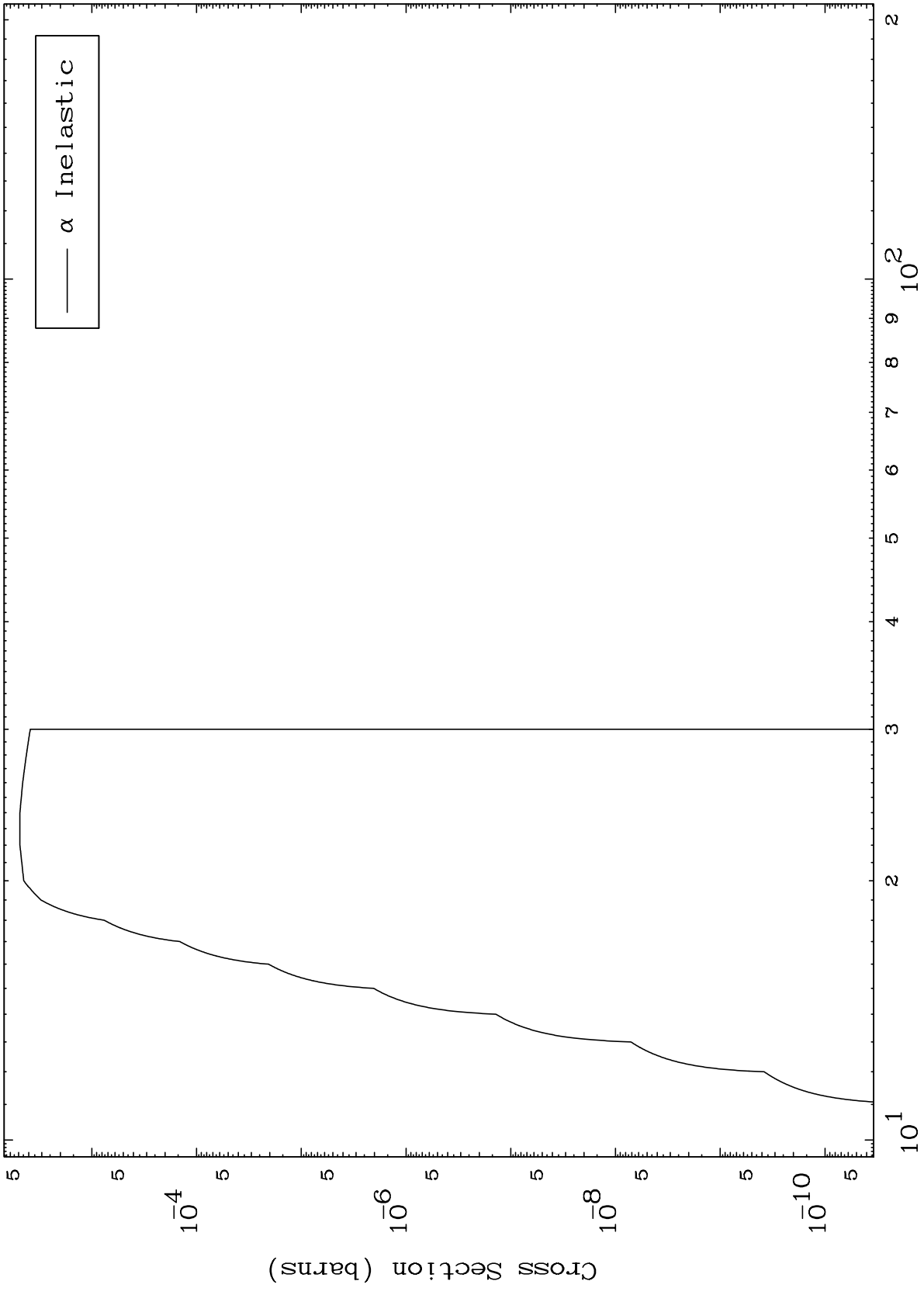
3

87-Fr-227

MAT 8770

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

87-Fr-227



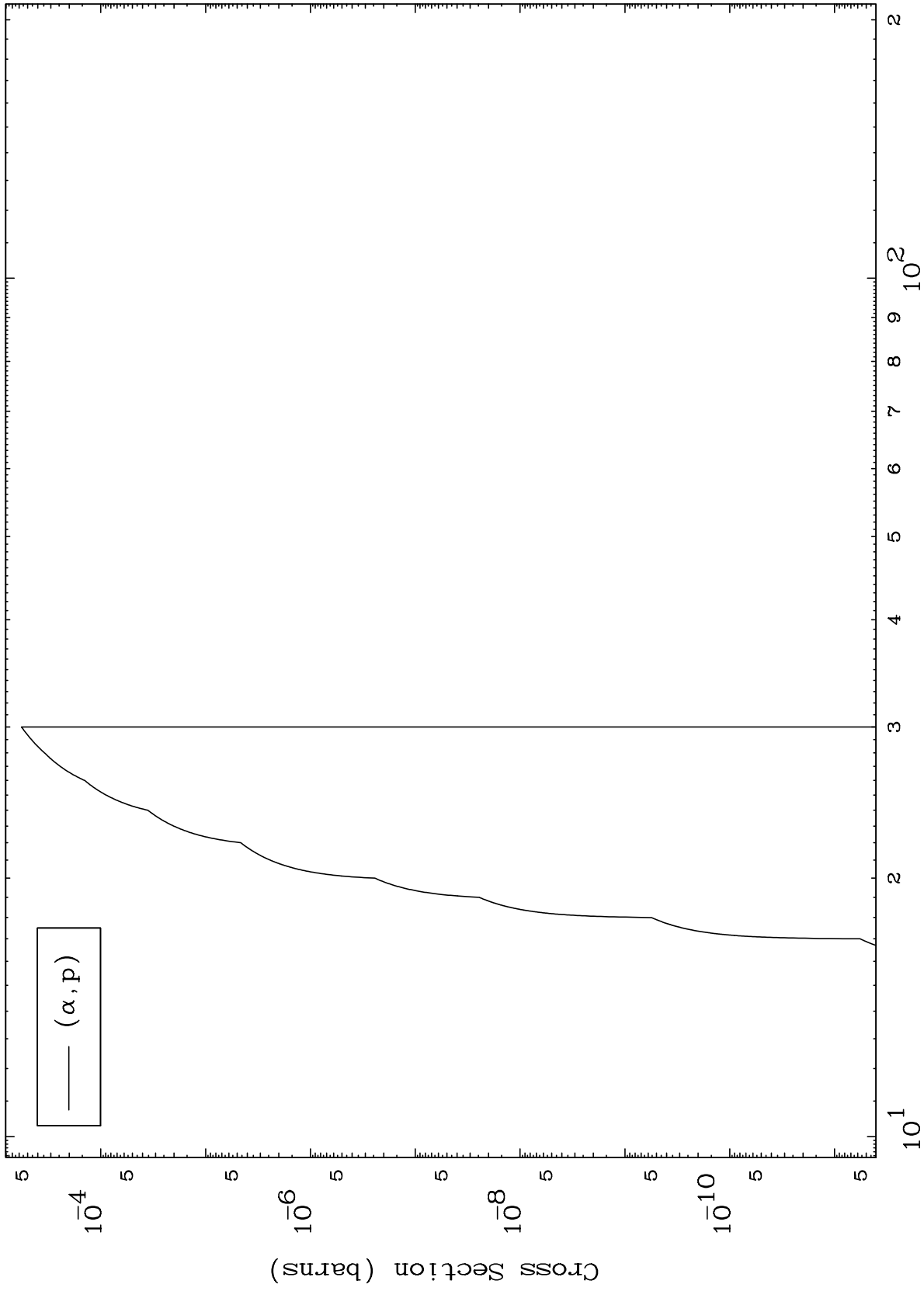
Incident Energy (MeV)

87-Fr-227

MAT 8770

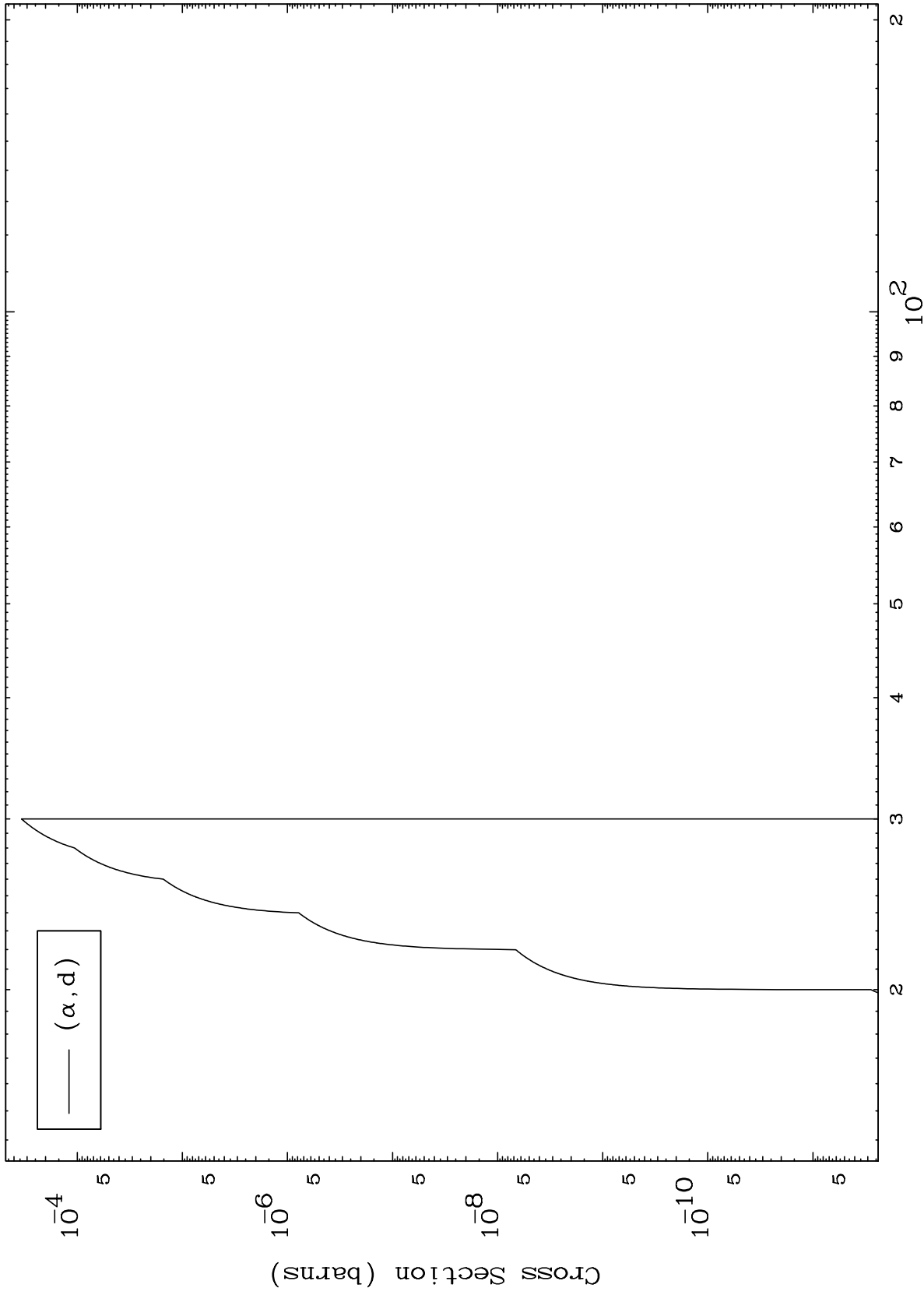
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

87-Fr-227



Incident Energy (MeV)

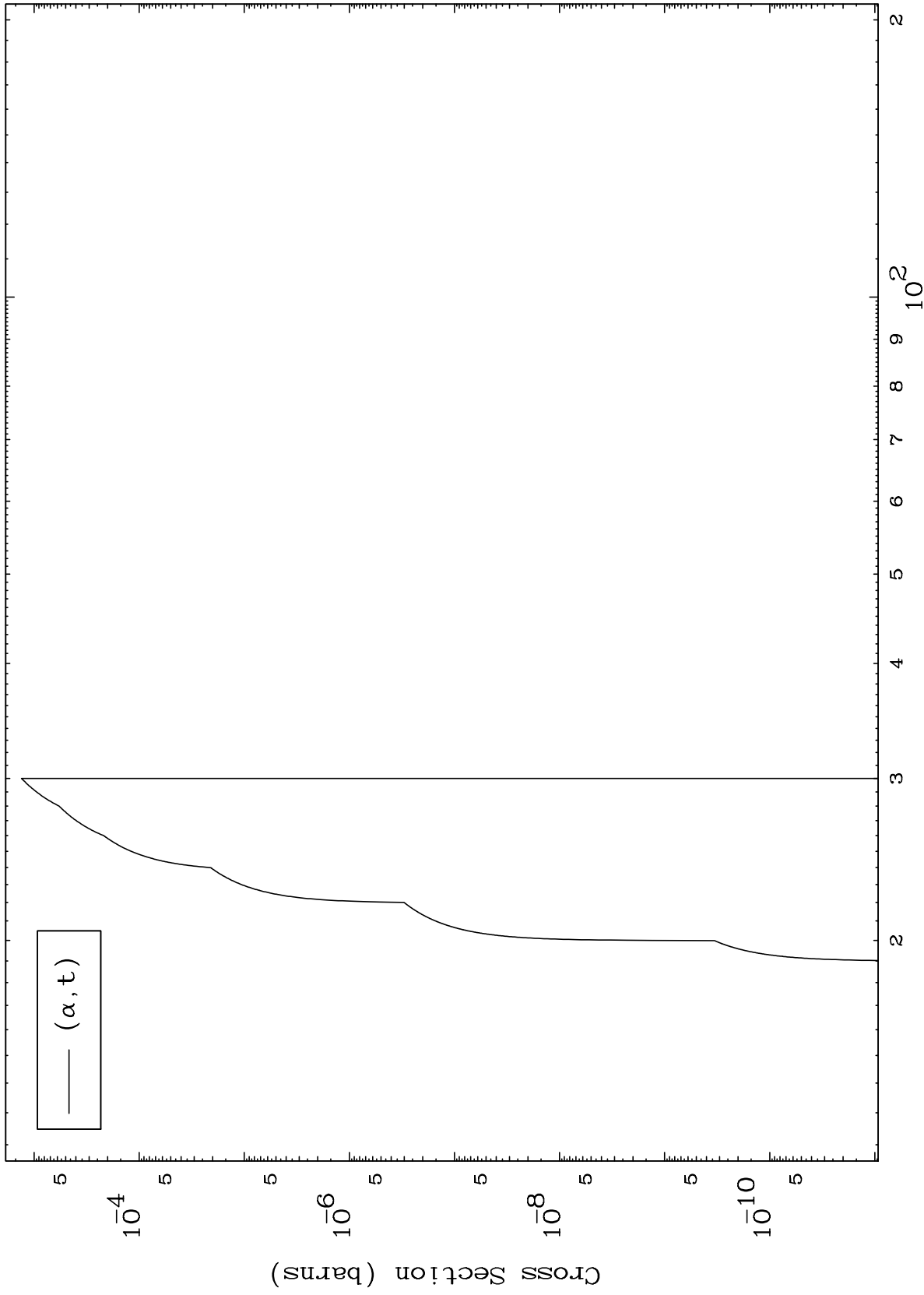
87-Fr-227



MAT 8770

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

87-Fr-227



7

Incident Energy (MeV)

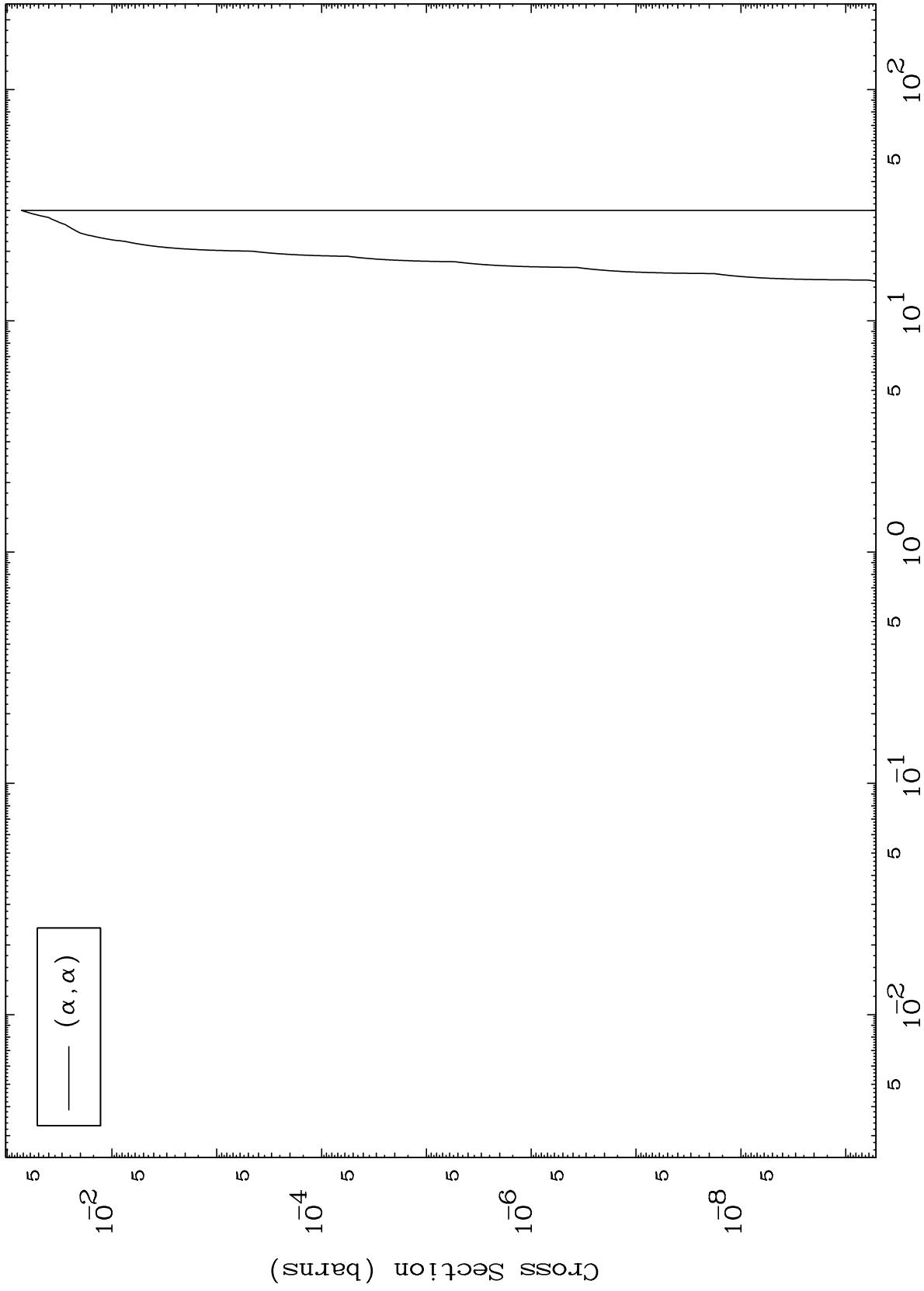
87-Fr-227



MAT 8770

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

87-Fr-227



8

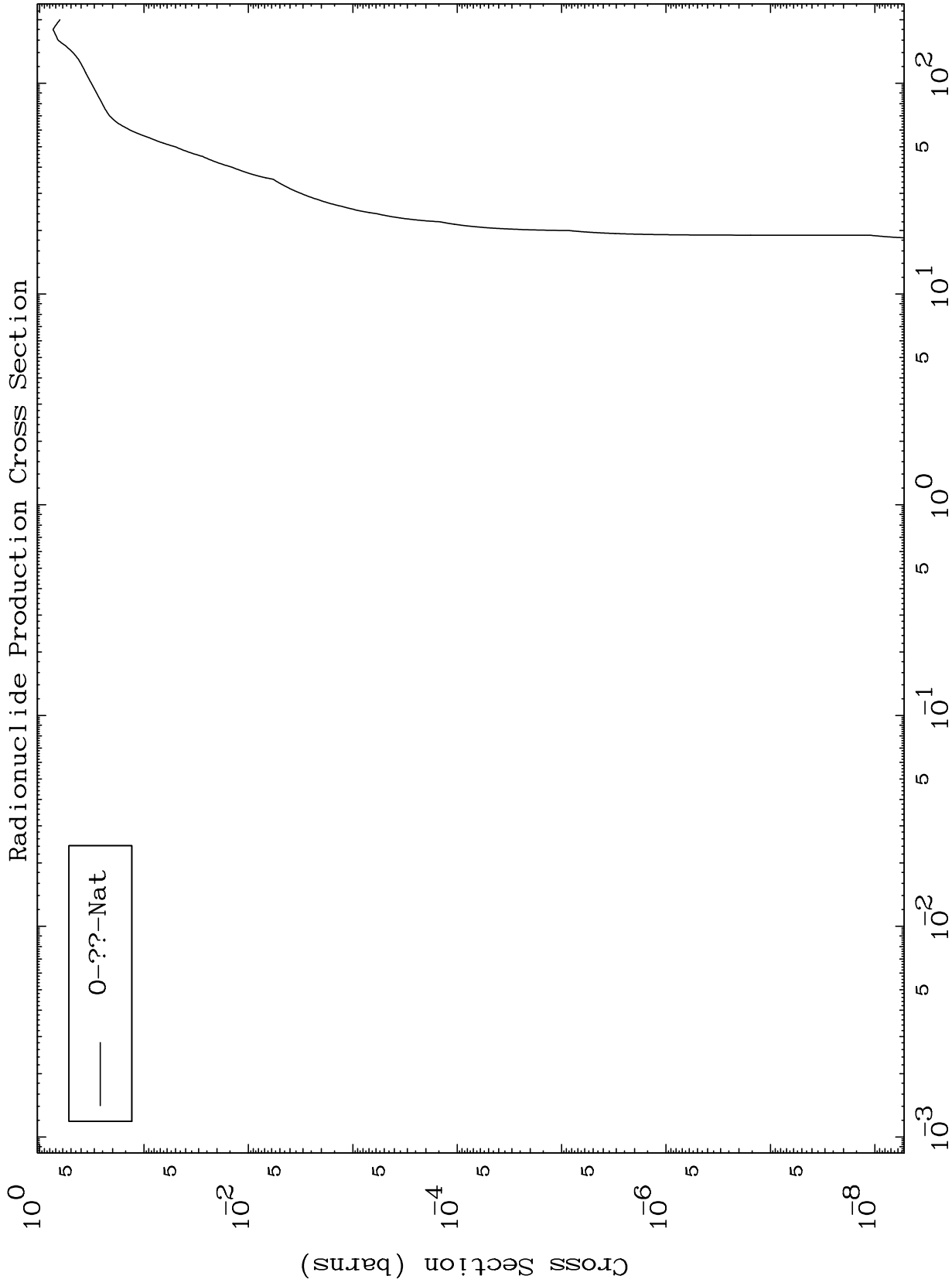
Incident Energy (MeV)

87-Fr-227

MAT 8770

$\alpha$  Fission  
Radionuclide Production Cross Section

87-Fr-227



Incident Energy (MeV)

87-Fr-227

9