

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

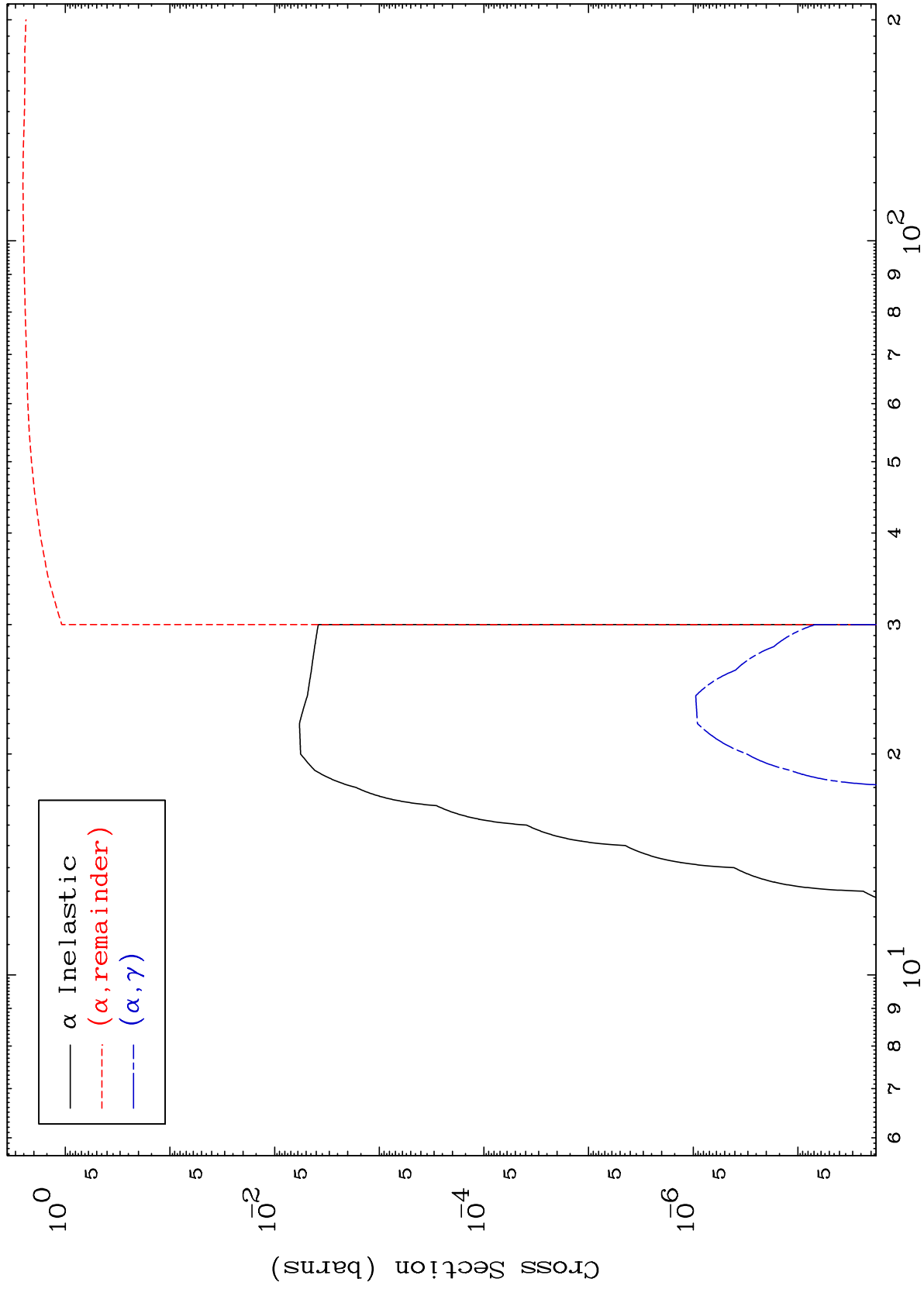
Press Mouse Button to Start

MAT 8570

0 Kelvin

$\alpha$  Major Cross Sections

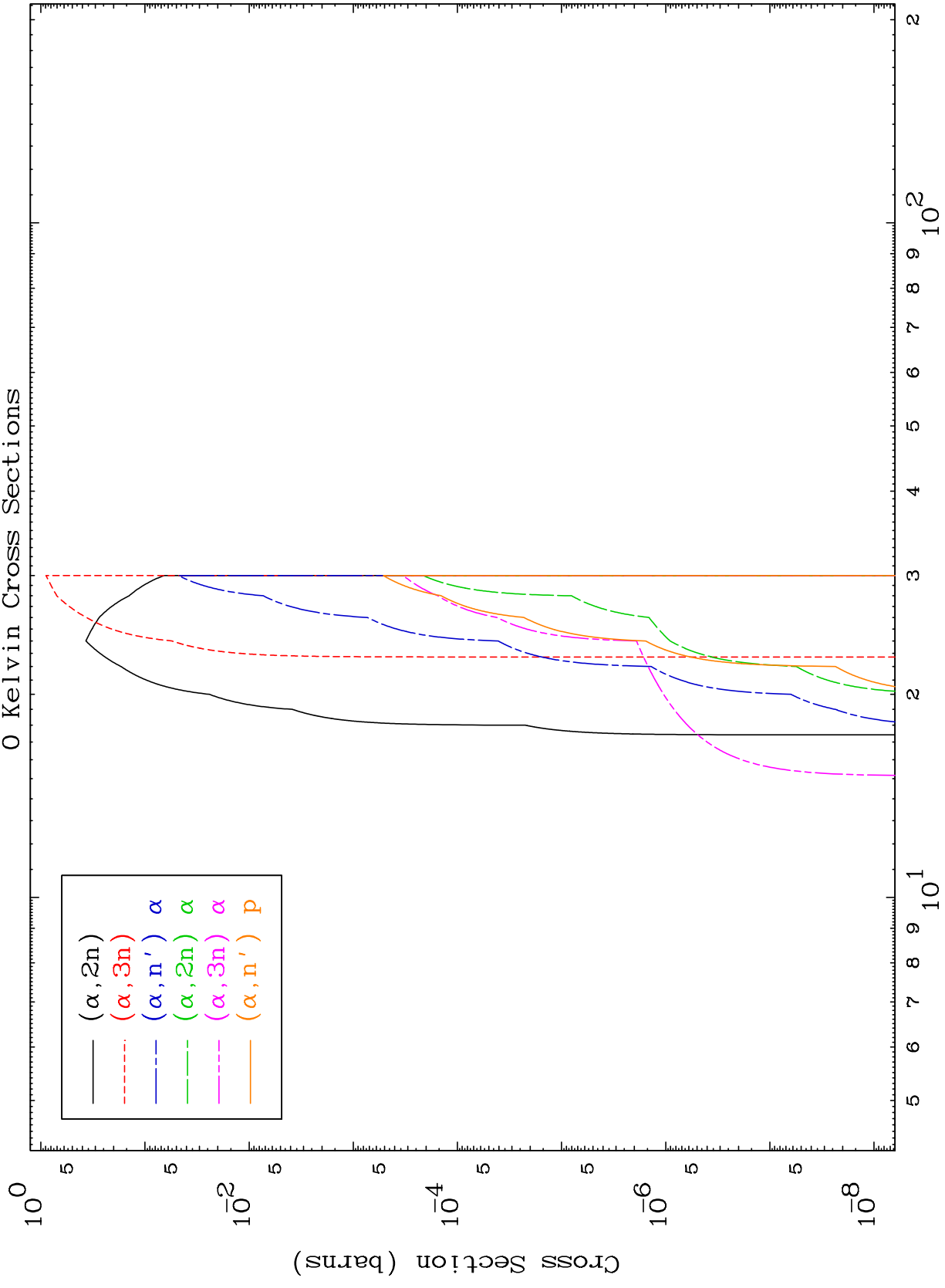
85-At-218



1

Incident Energy (MeV)

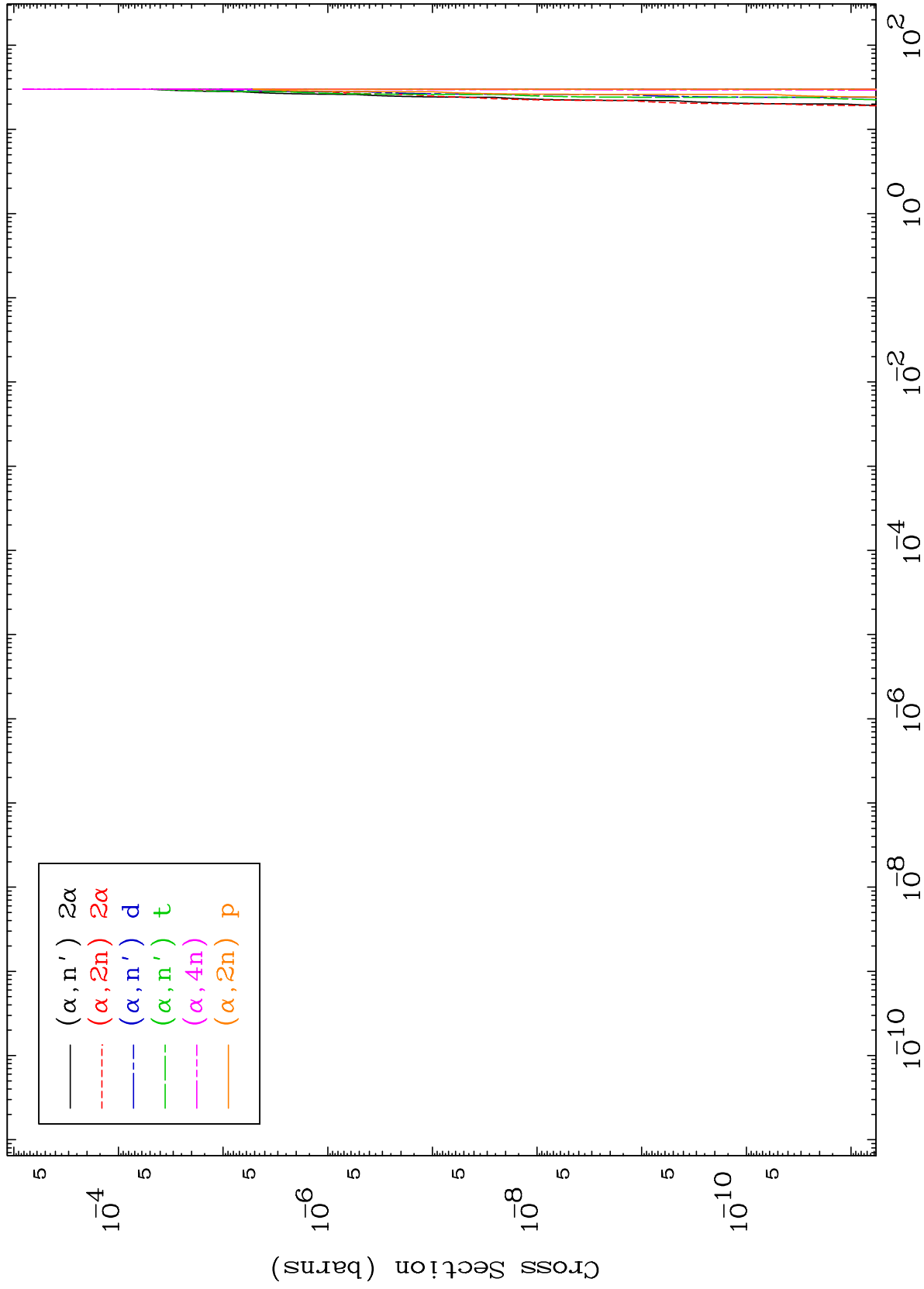
85-At-218



MAT 8570

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

85-At-218



3

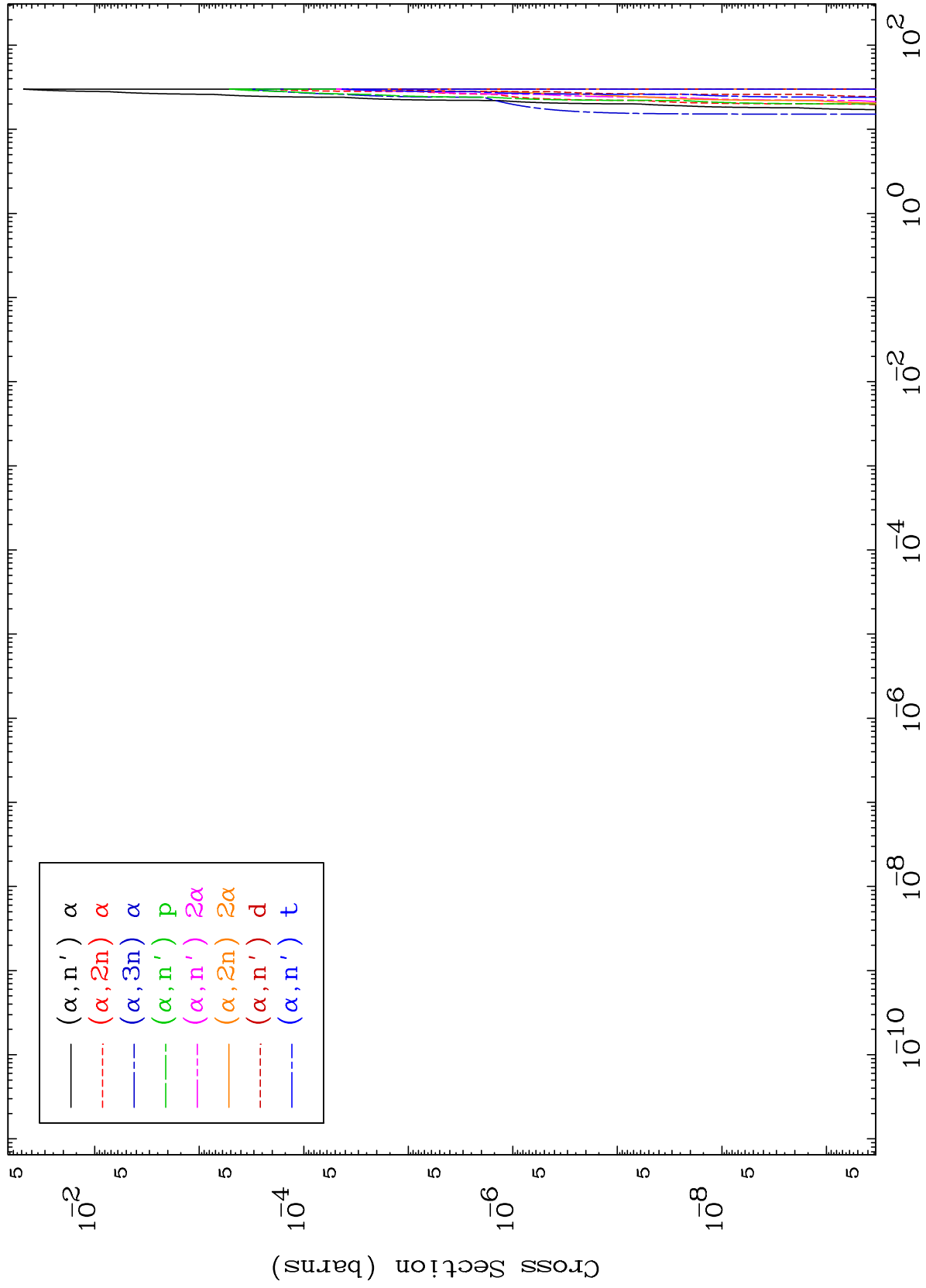
Incident Energy (MeV)

85-At-218

MAT 8570

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

85-At-218

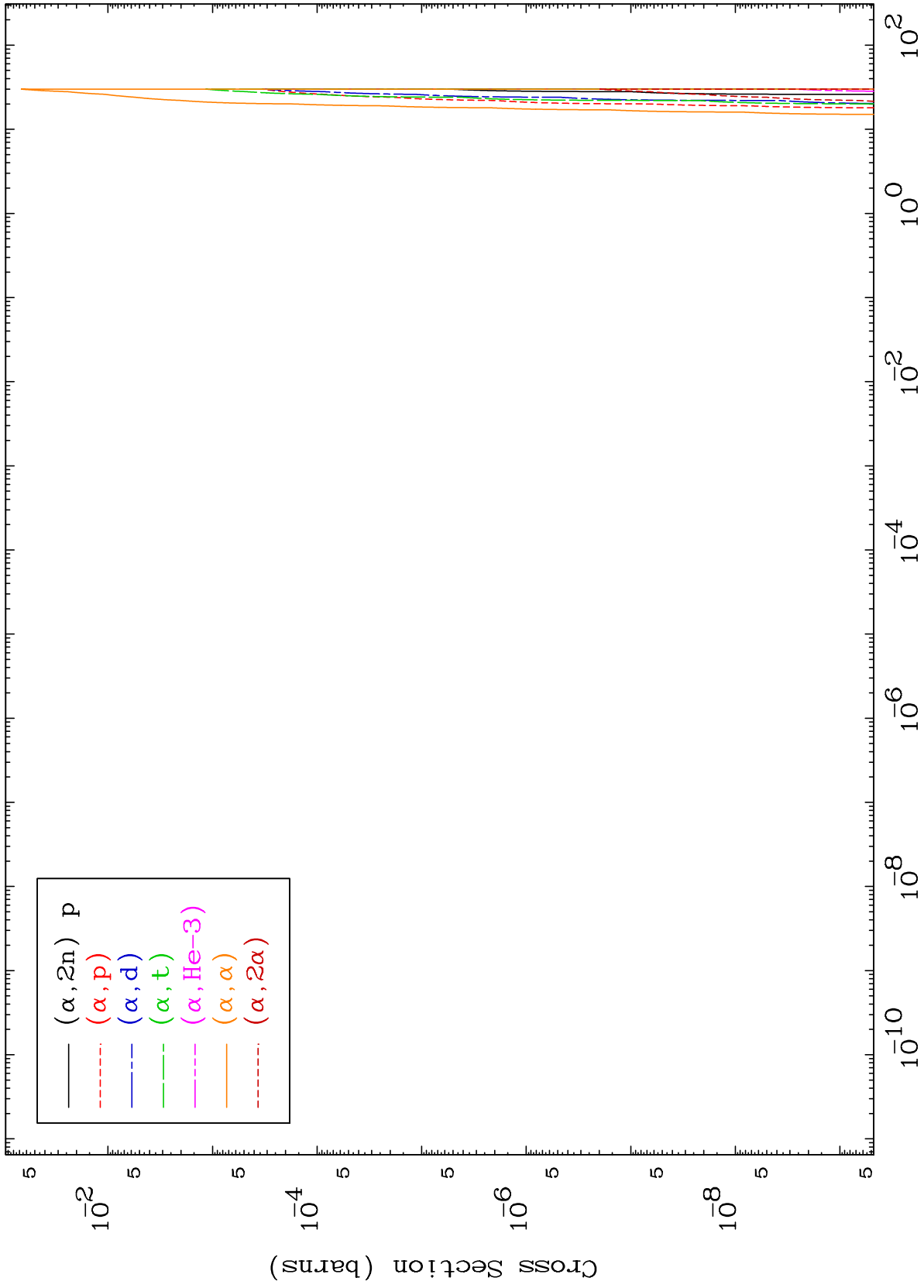


85-At-218

MAT 8570

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

85-At-218



5

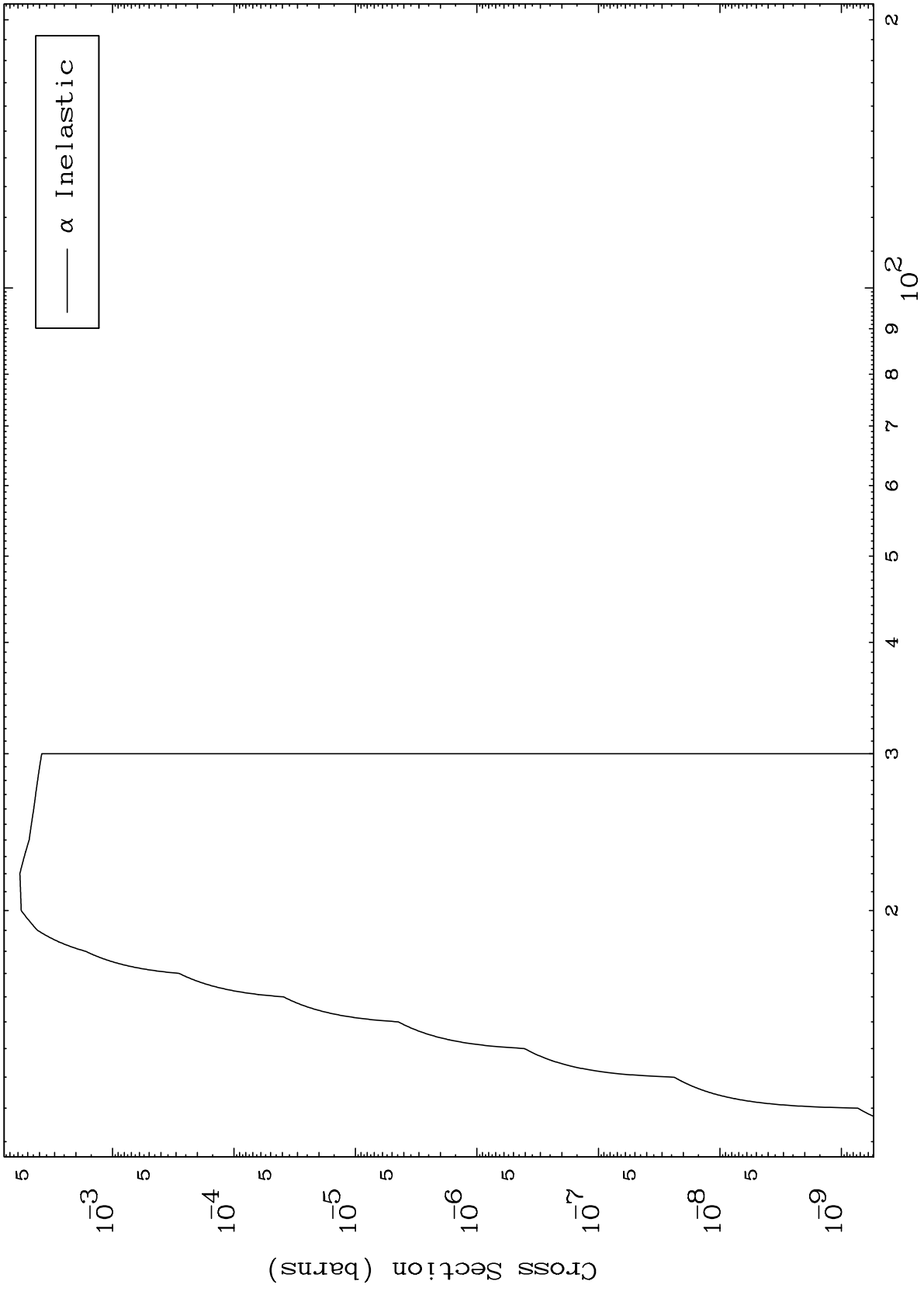
Incident Energy (MeV)

85-At-218

MAT 8570

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

85-At-218



6

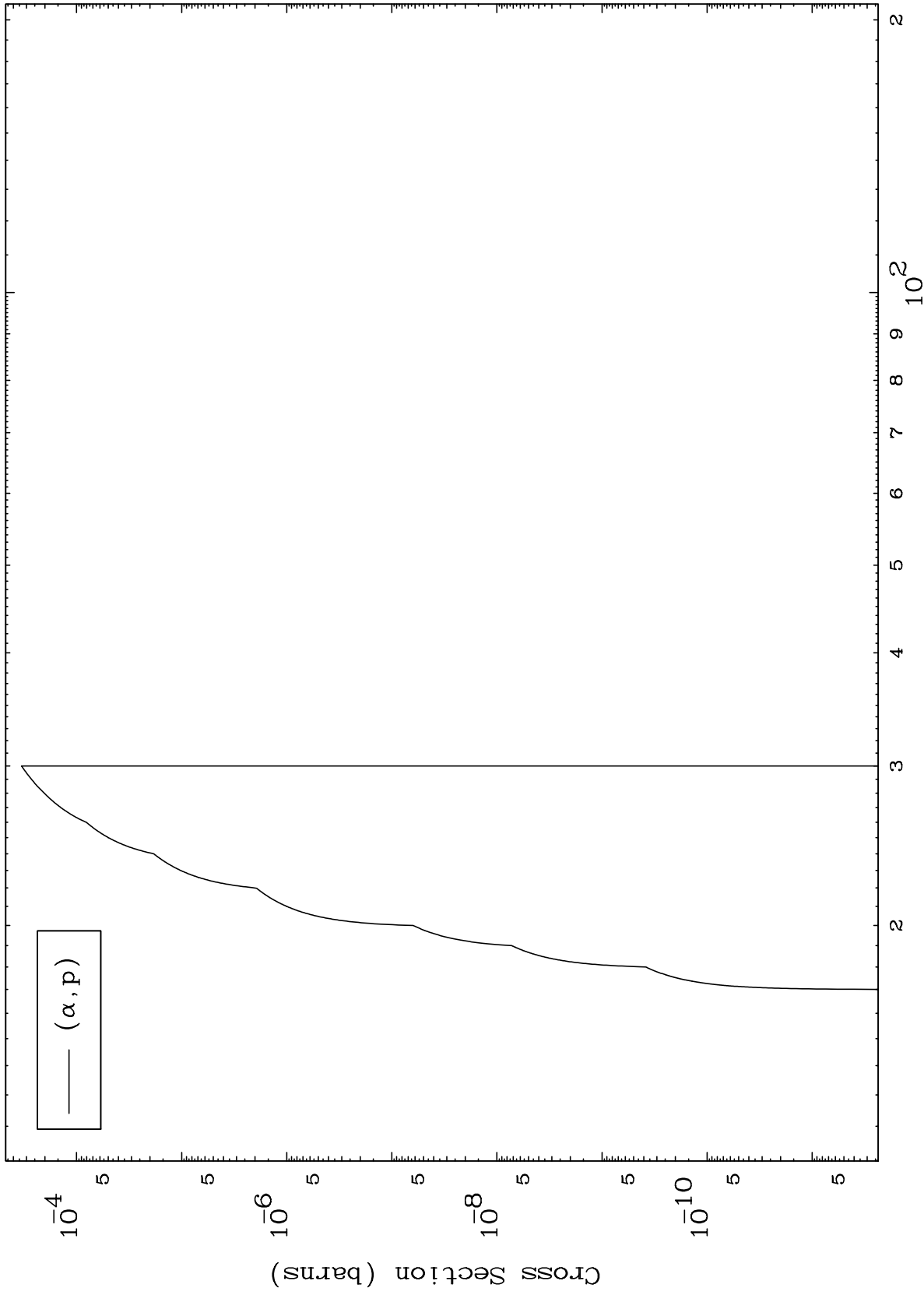
Incident Energy (MeV)

85-At-218

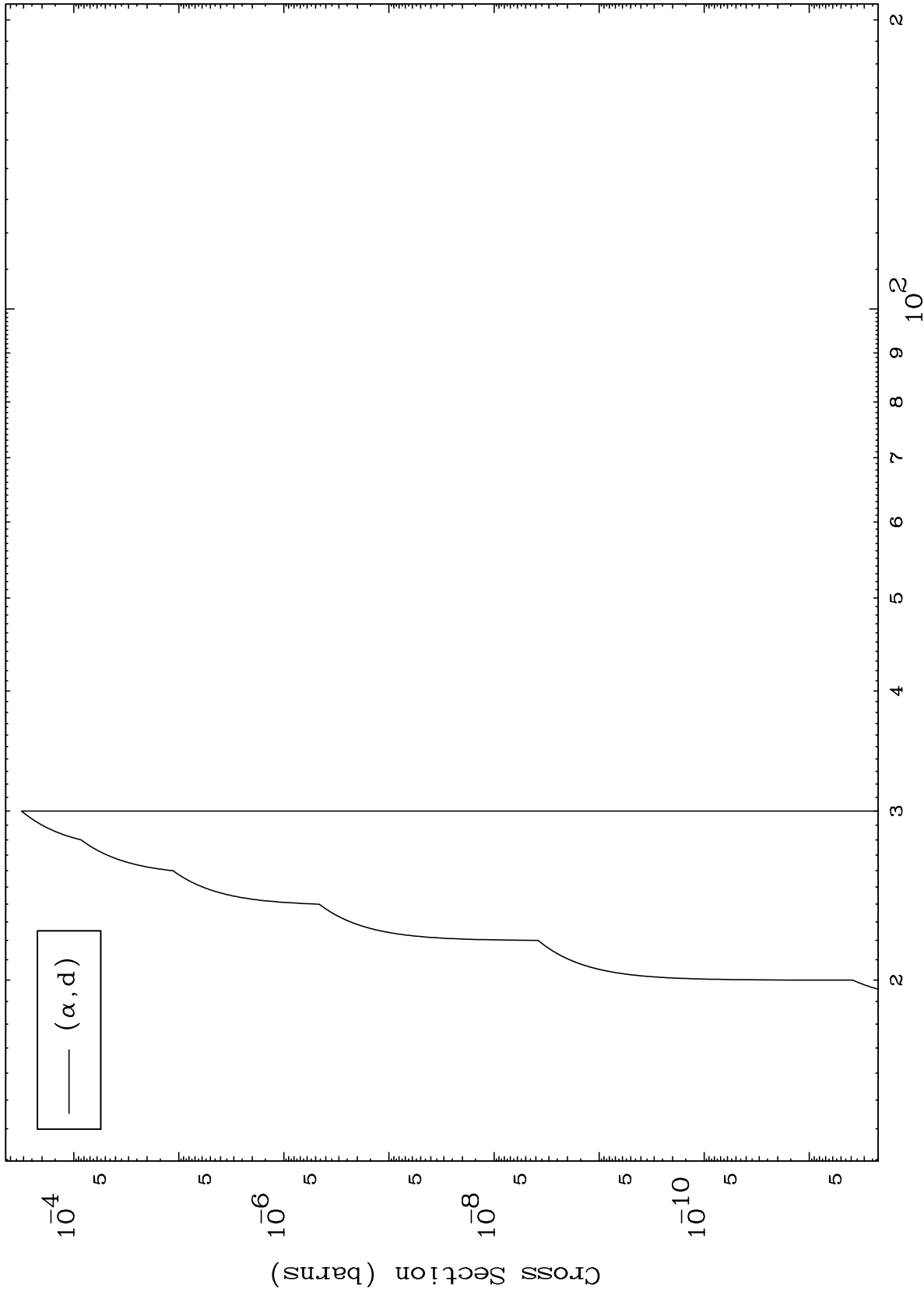
MAT 8570

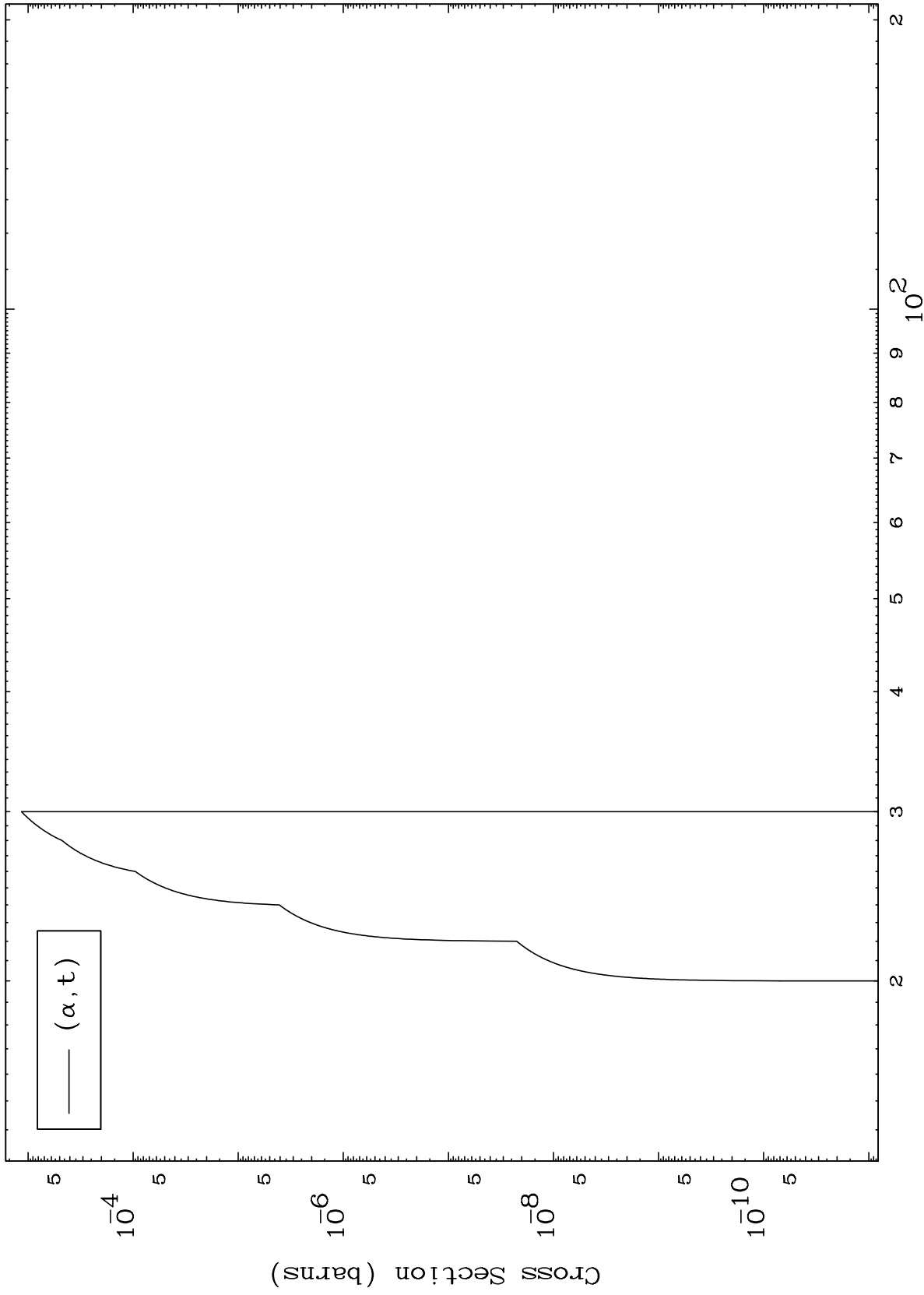
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

85-At-218





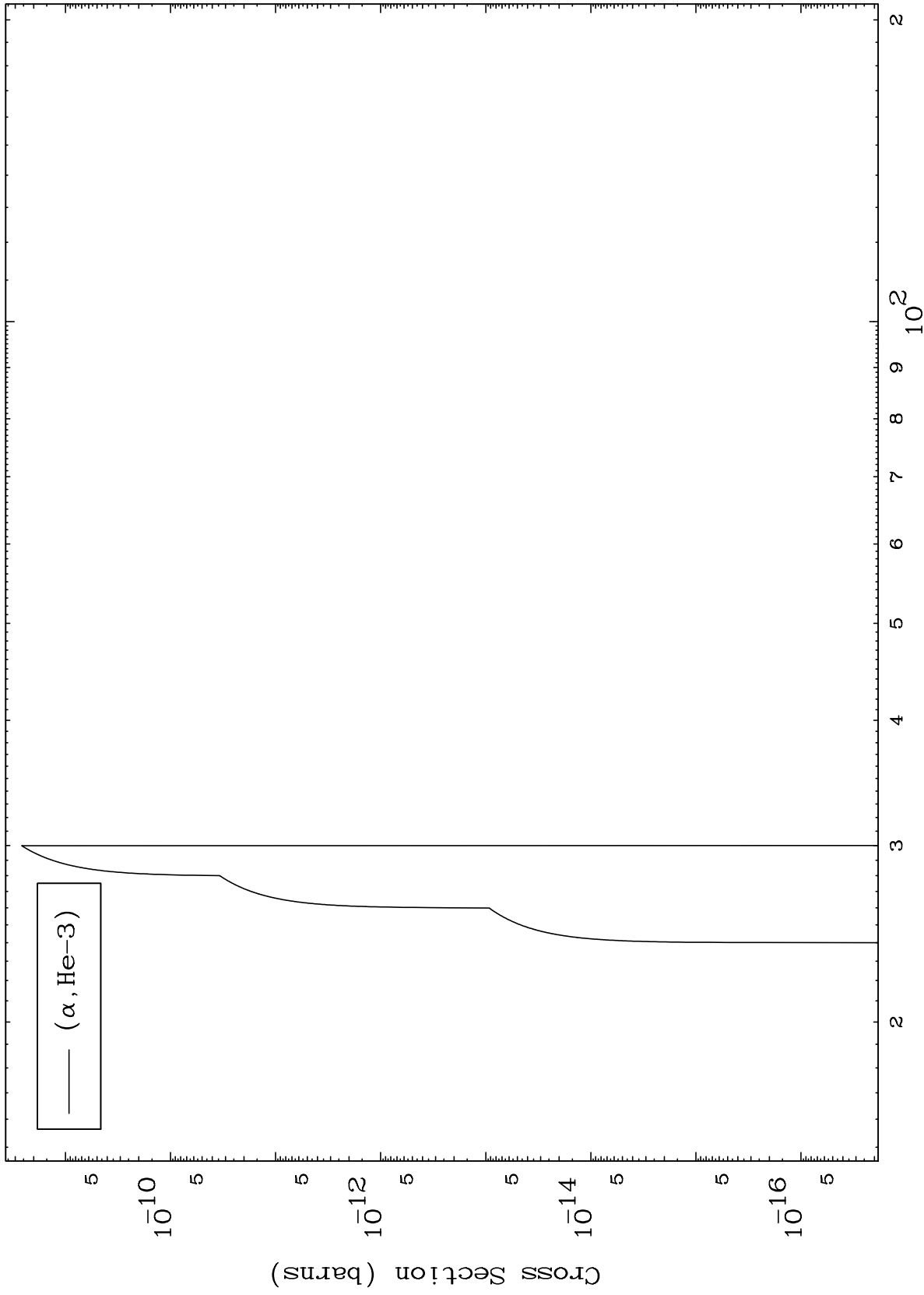




MAT 8570

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

85-At-218



10

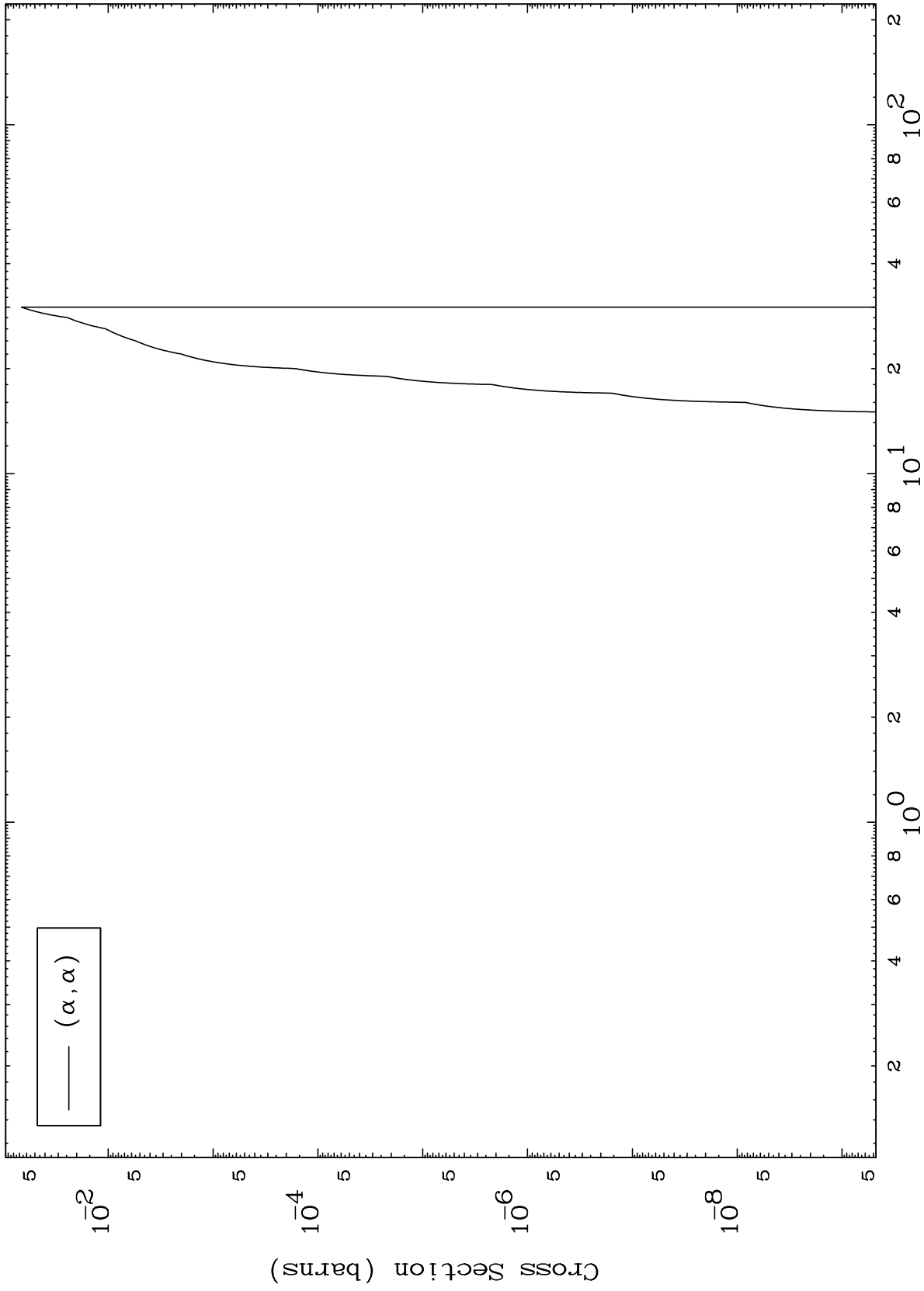
Incident Energy (MeV)

85-At-218

MAT 8570

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

85-At-218



11

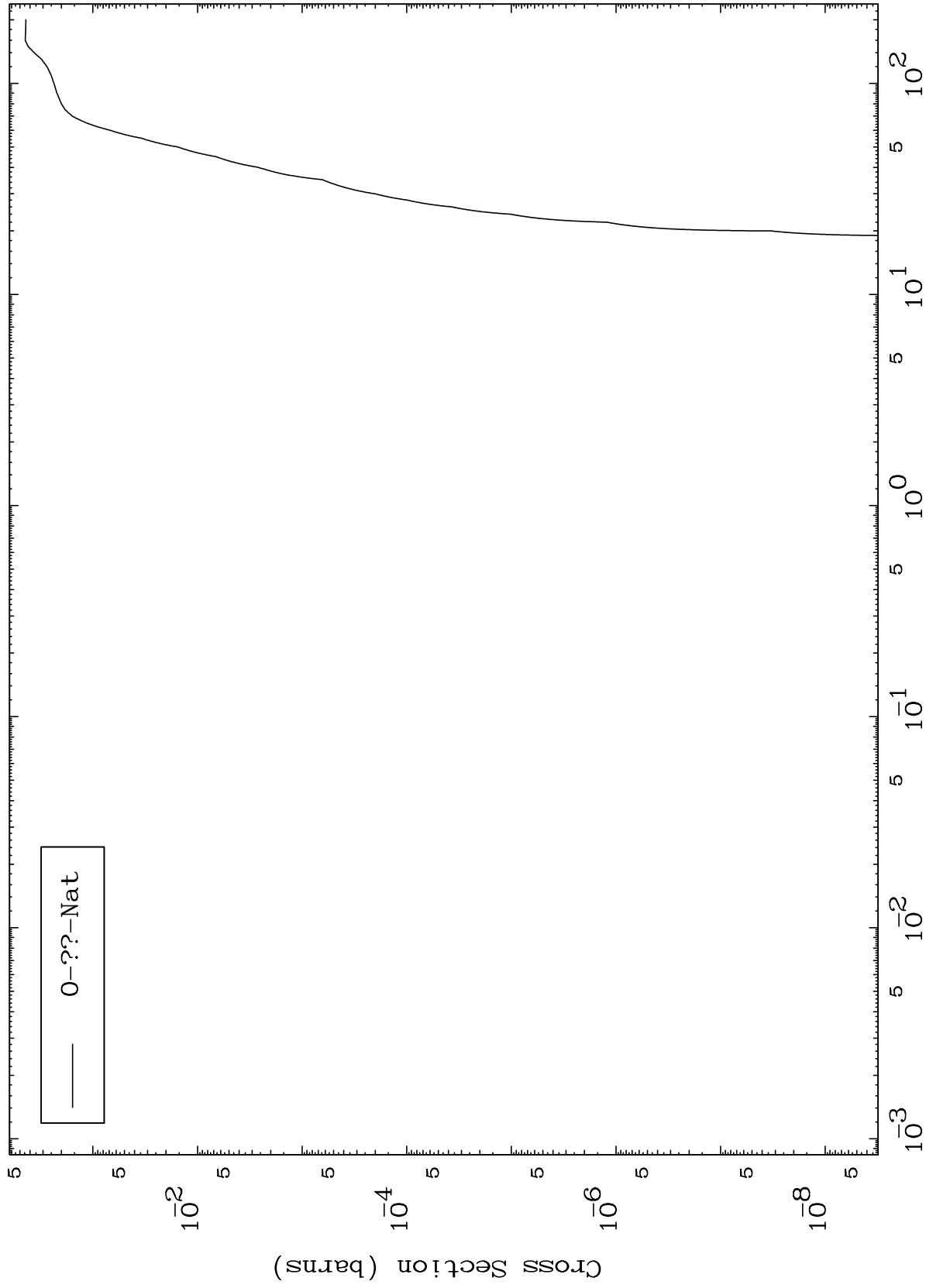
Incident Energy (MeV)

85-At-218

MAT 8570

$\alpha$  Fission  
Radionuclide Production Cross Section

85-At-218



12

Incident Energy (MeV)

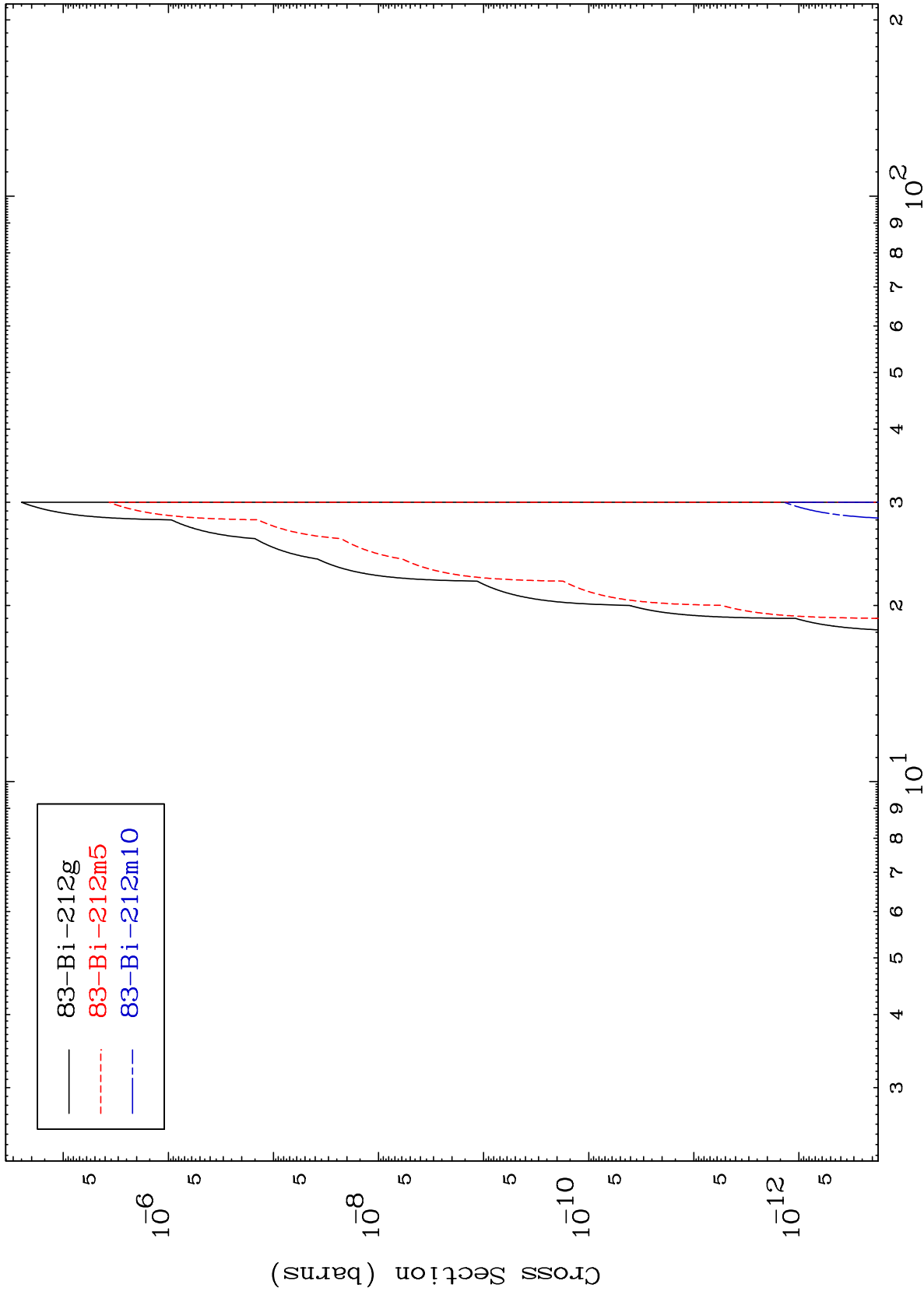
85-At-218

MAT 8570

$(\alpha, 2n) 2\alpha$

85-At-218

Radionuclide Production Cross Section



13

Incident Energy (MeV)

85-At-218