

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

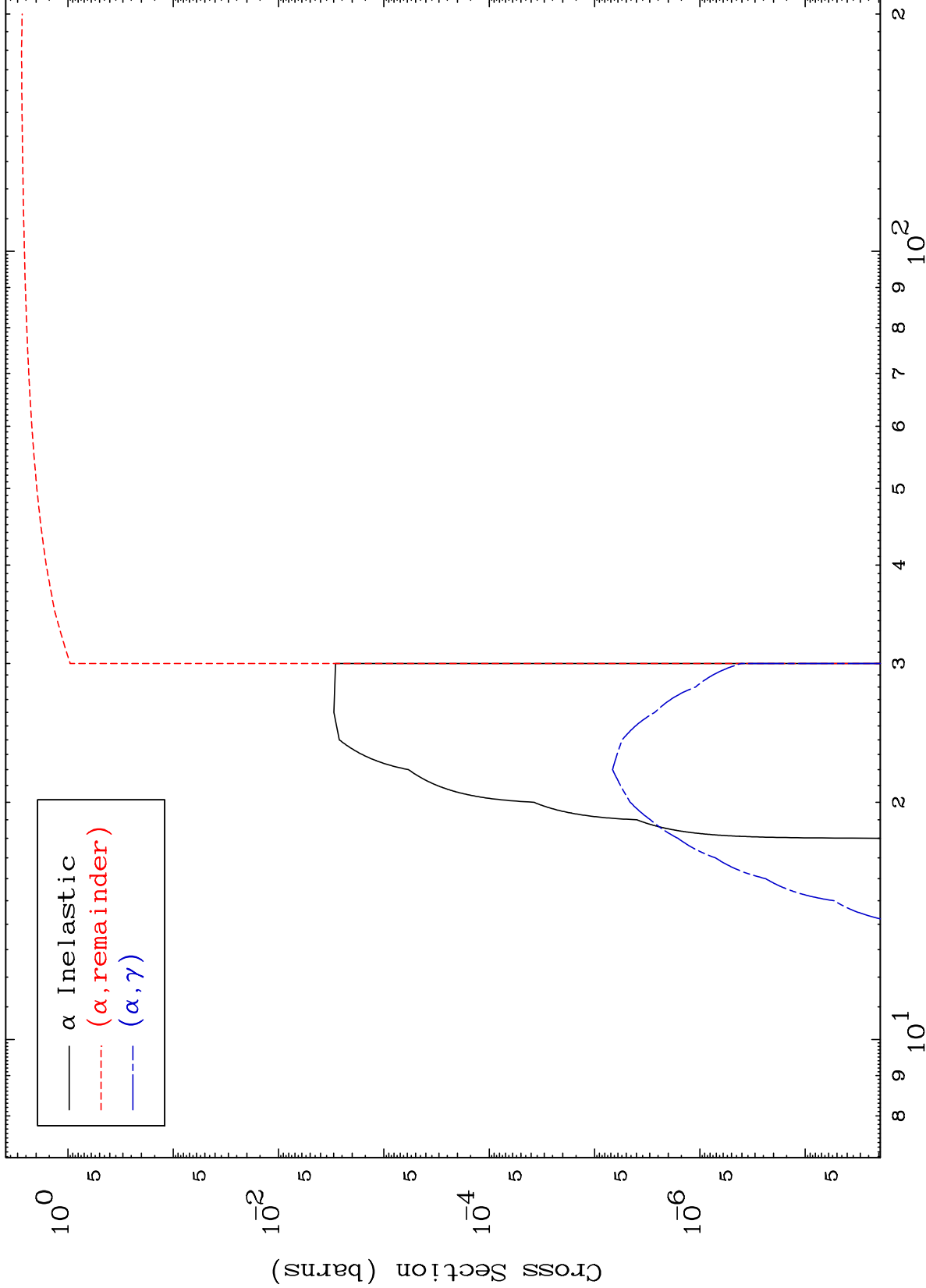
Press Mouse Button to Start

MAT 8513

$\alpha$  Major

85-At-199

0 Kelvin Cross Sections

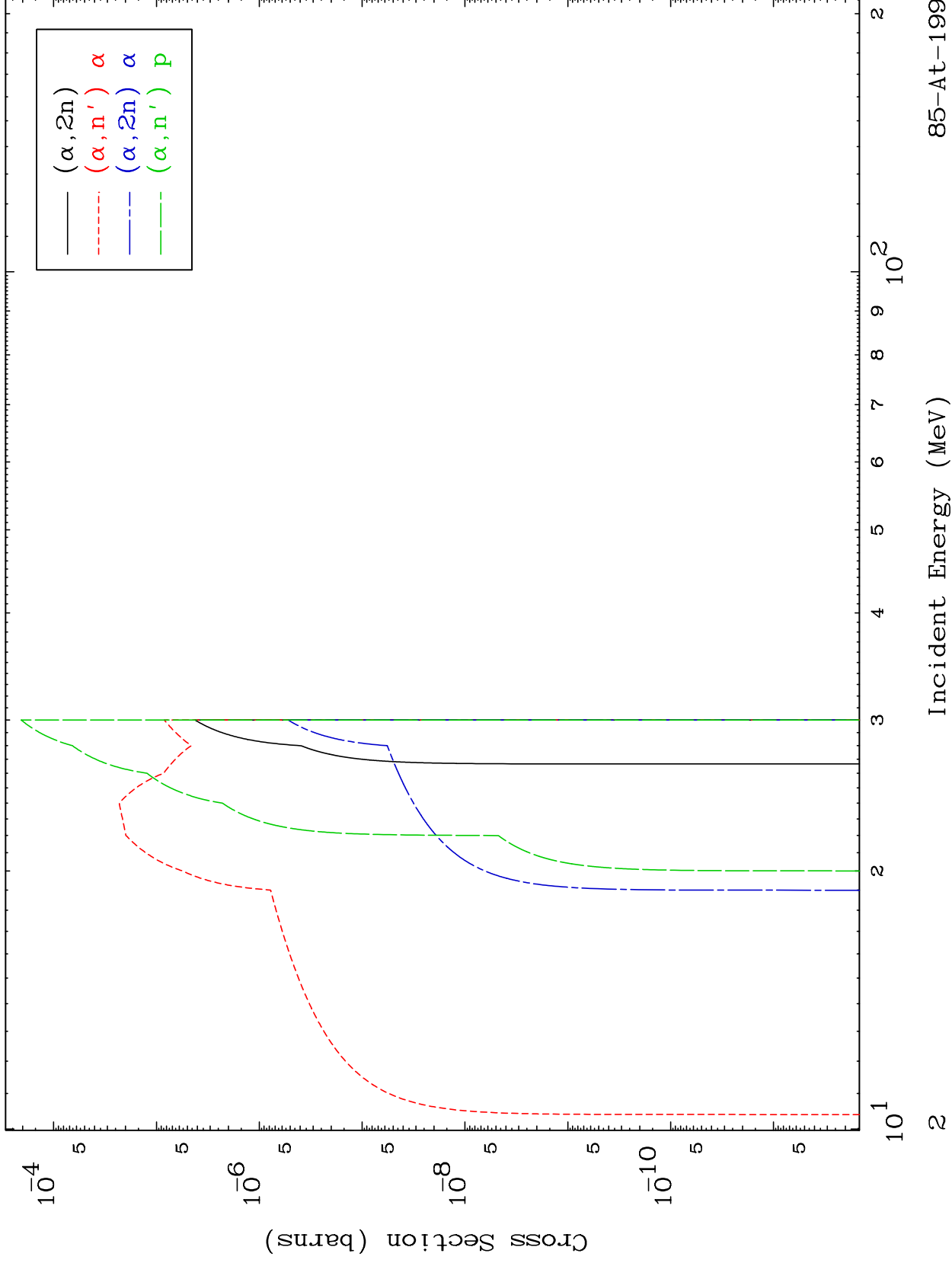


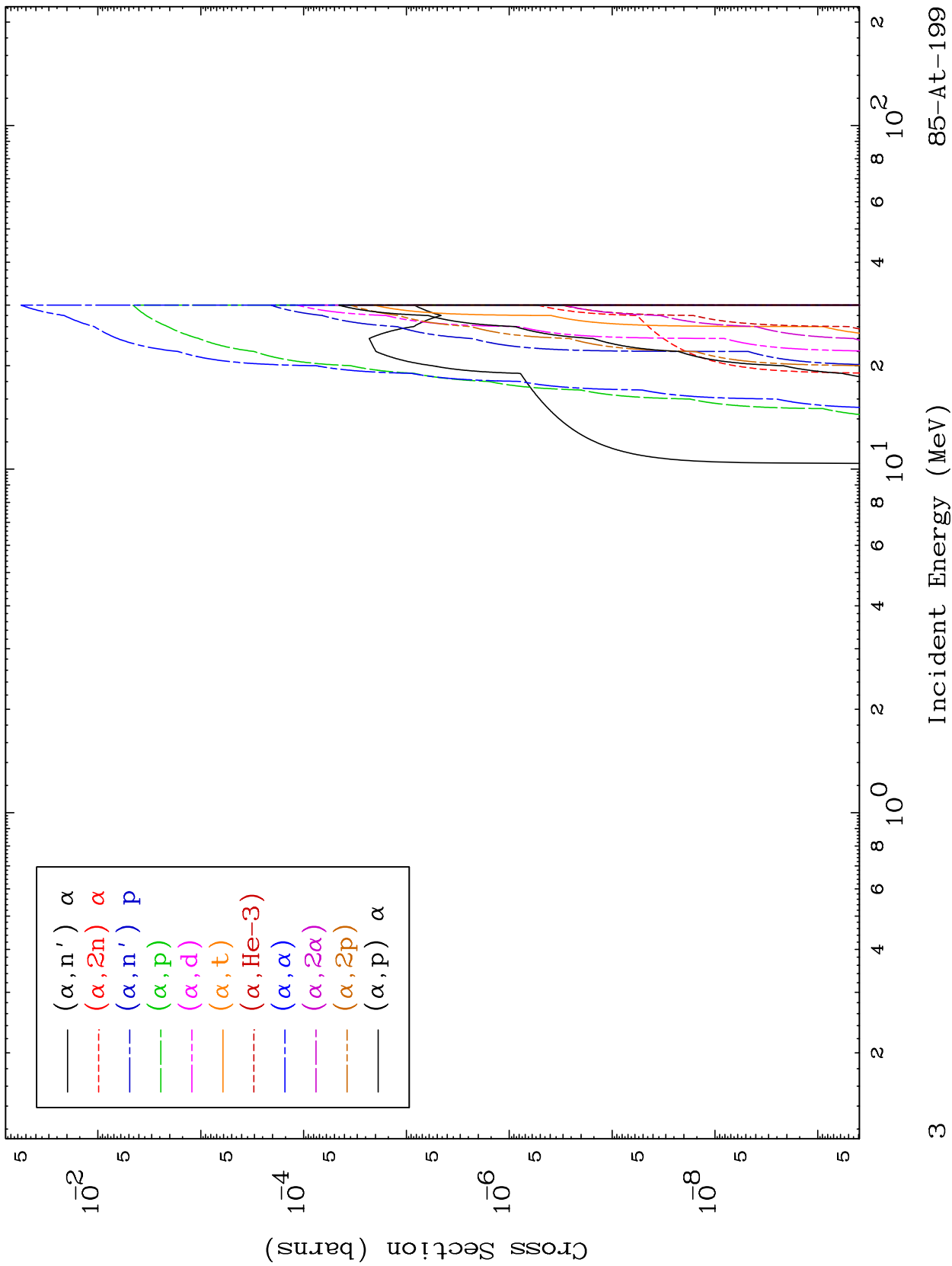
$\alpha$  Inelastic  
 $(\alpha, \text{remainder})$   
 $(\alpha, \gamma)$

Incident Energy (MeV)

85-At-199

1



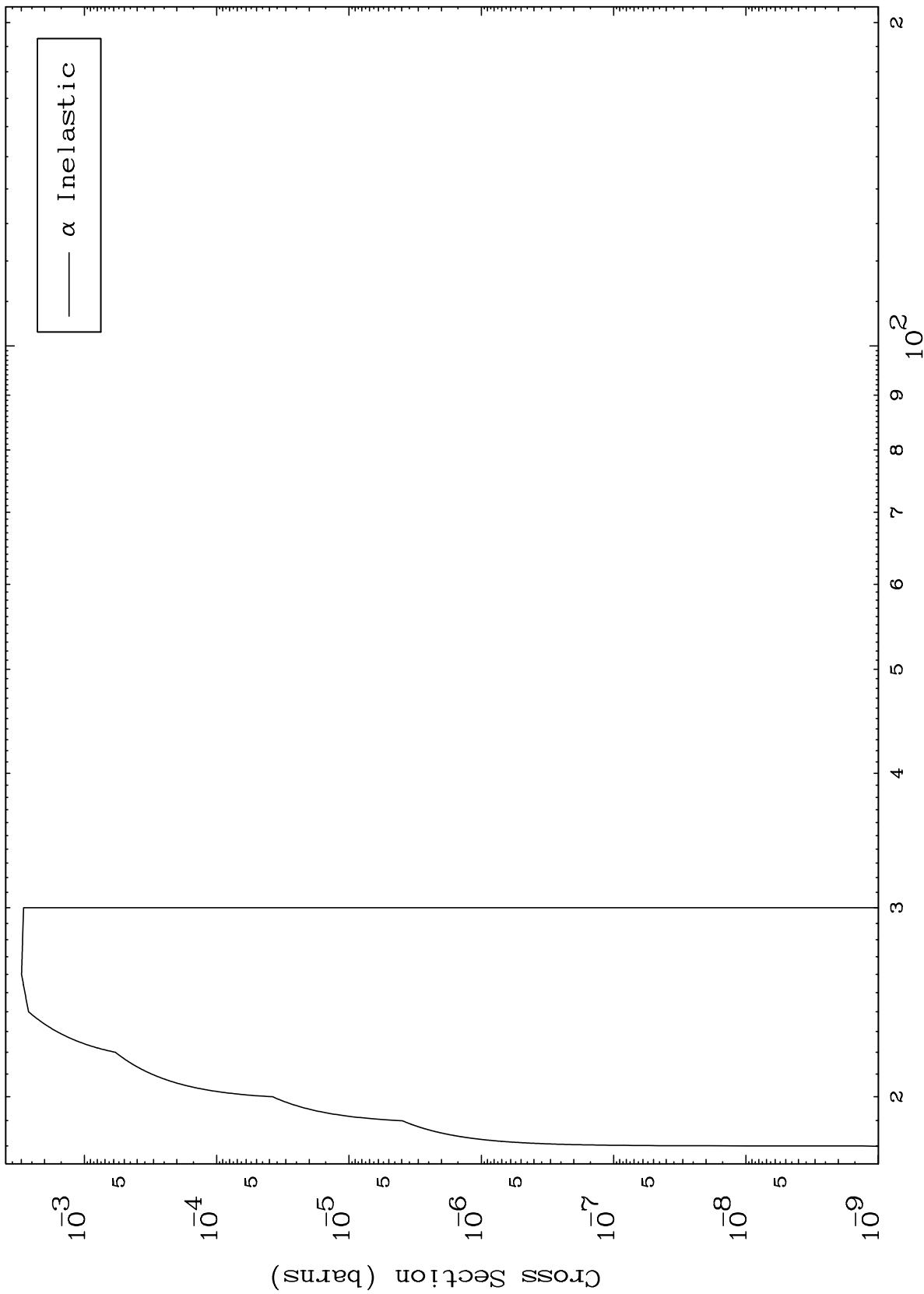


MAT 8513

( $\alpha, n'$ ) Level

85-At-199

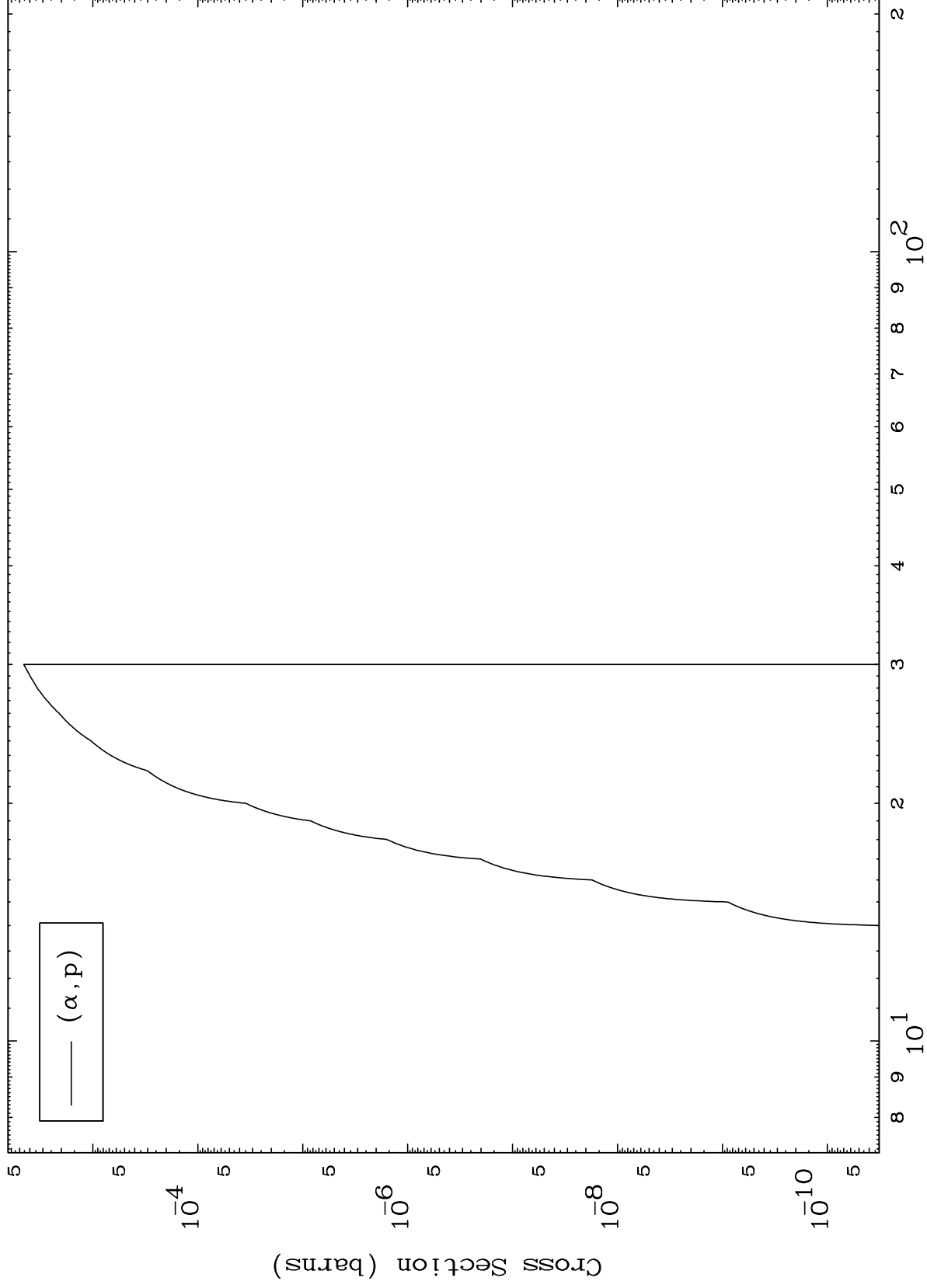
0 Kelvin Cross Sections



MAT 8513

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

85-At-199



5

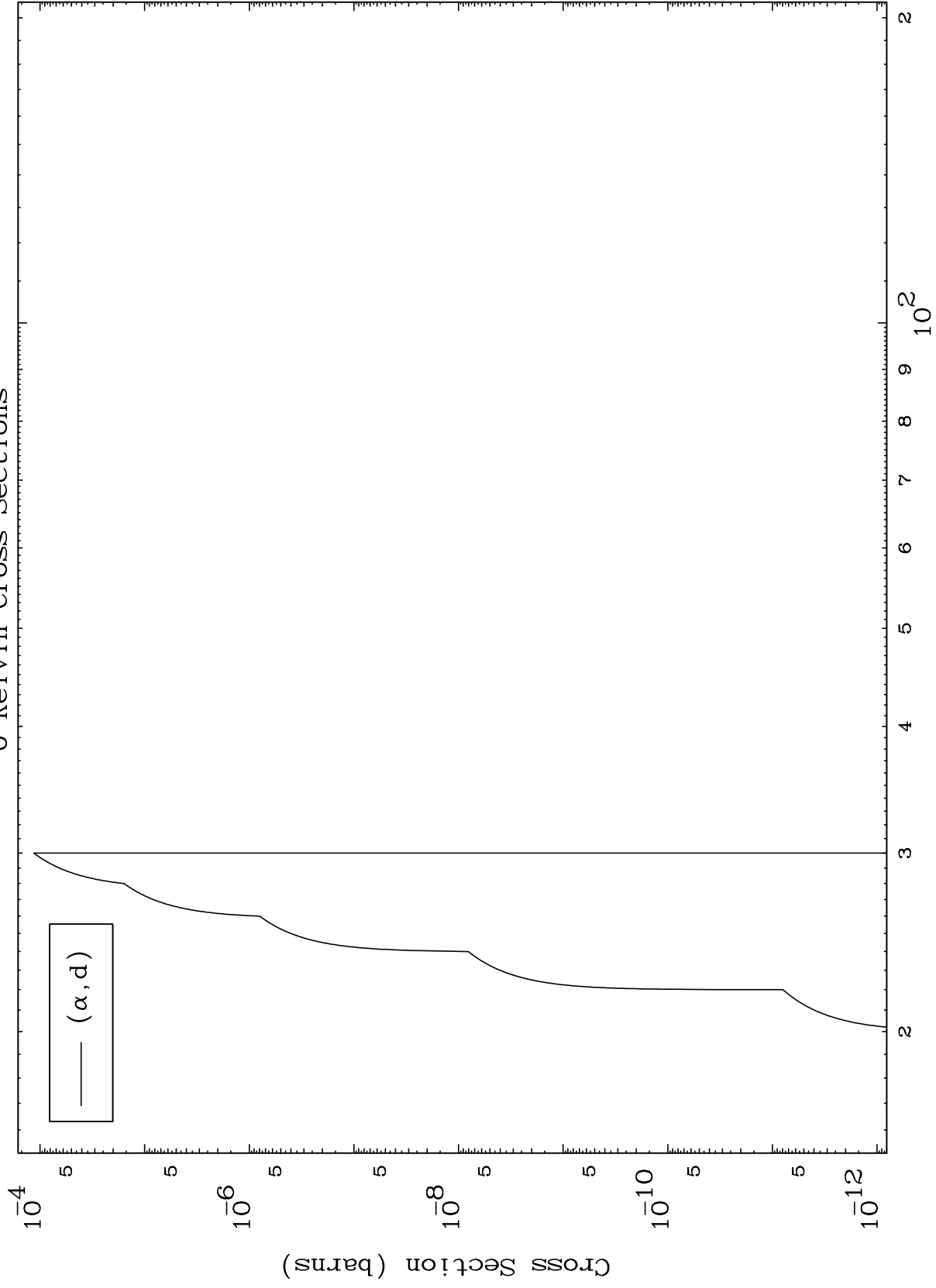
Incident Energy (MeV)

85-At-199

MAT 8513

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

85-At-199



6

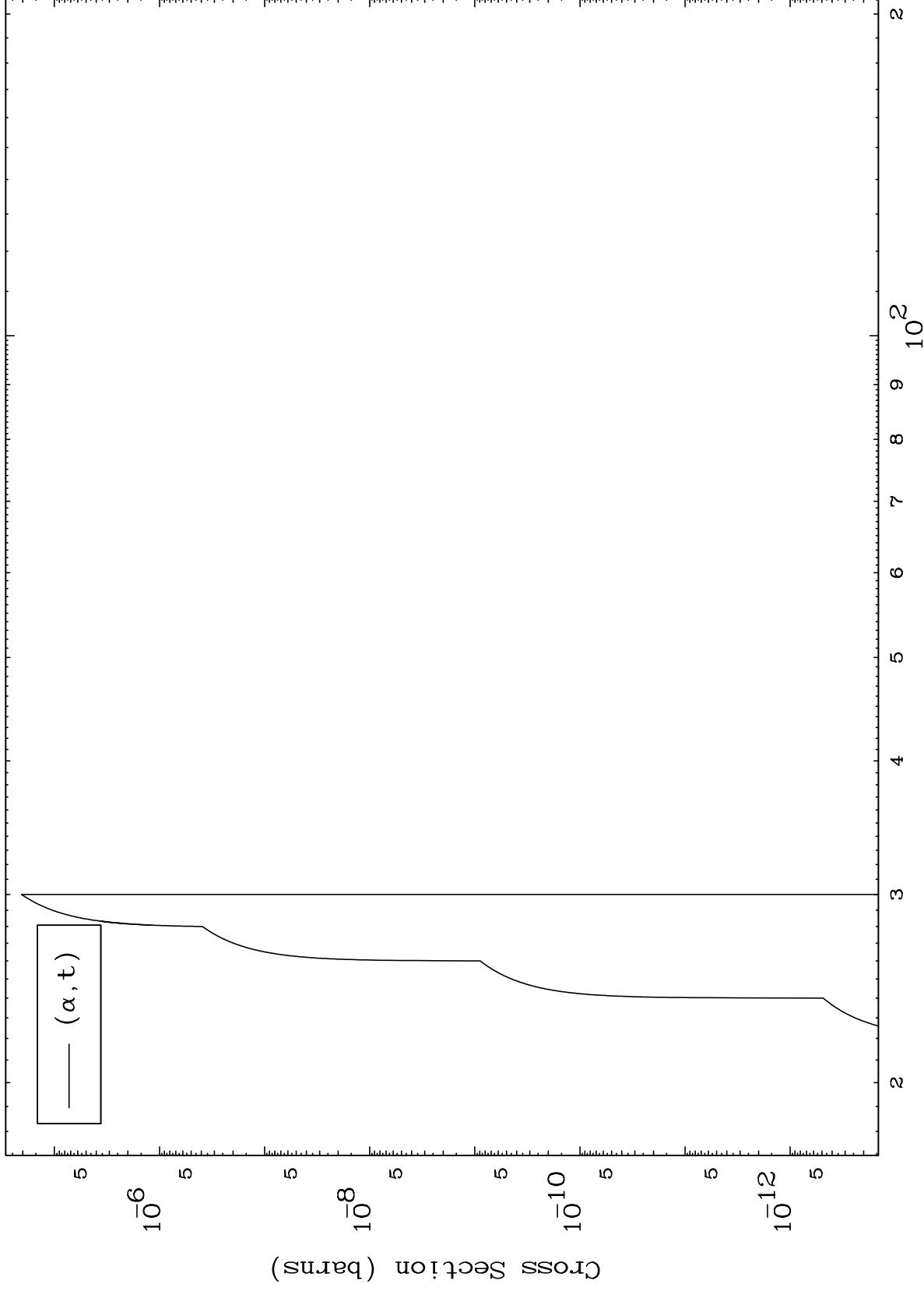
Incident Energy (MeV)

85-At-199

MAT 85113

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

85-At-199

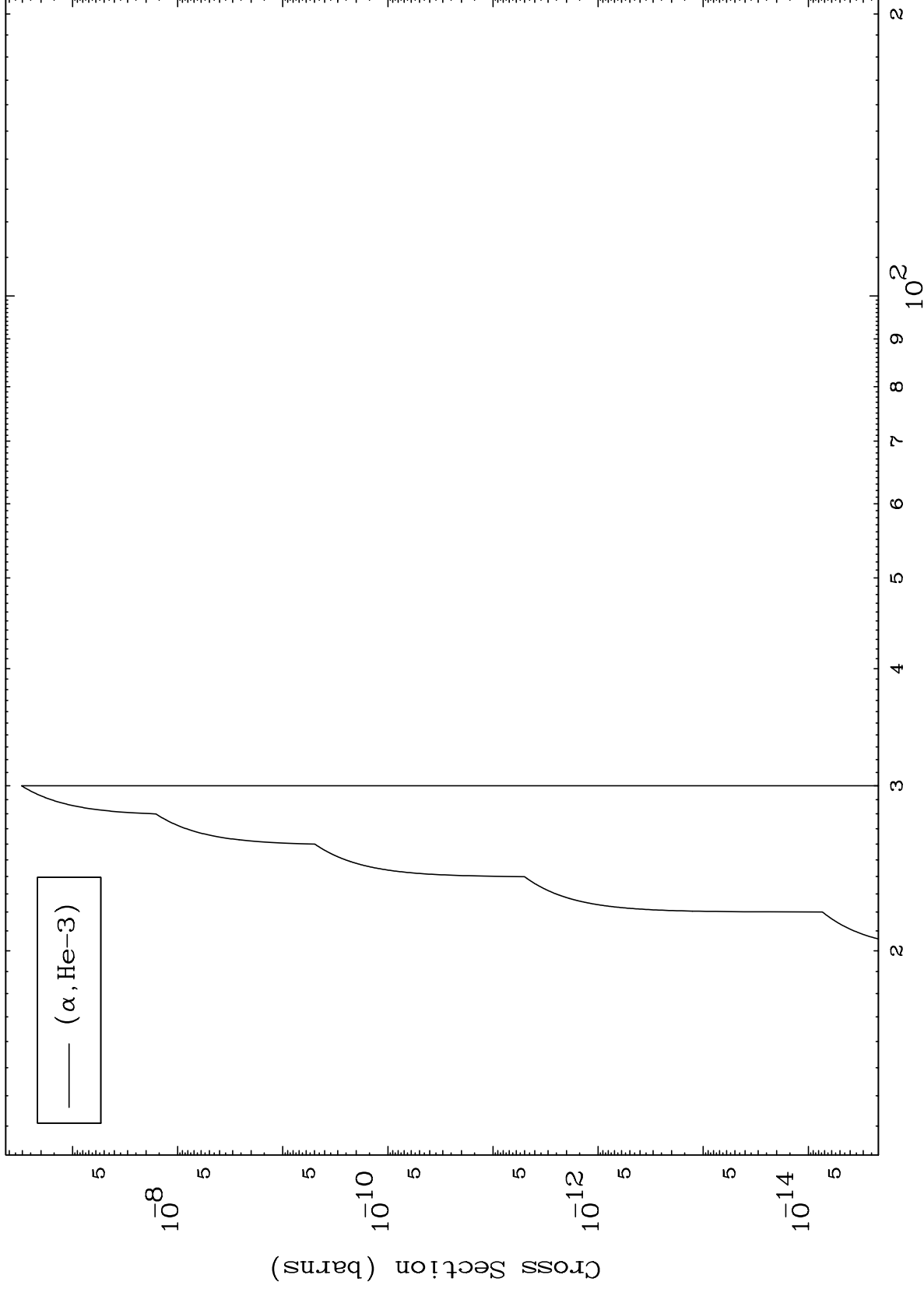


7

Incident Energy (MeV)

85-At-199



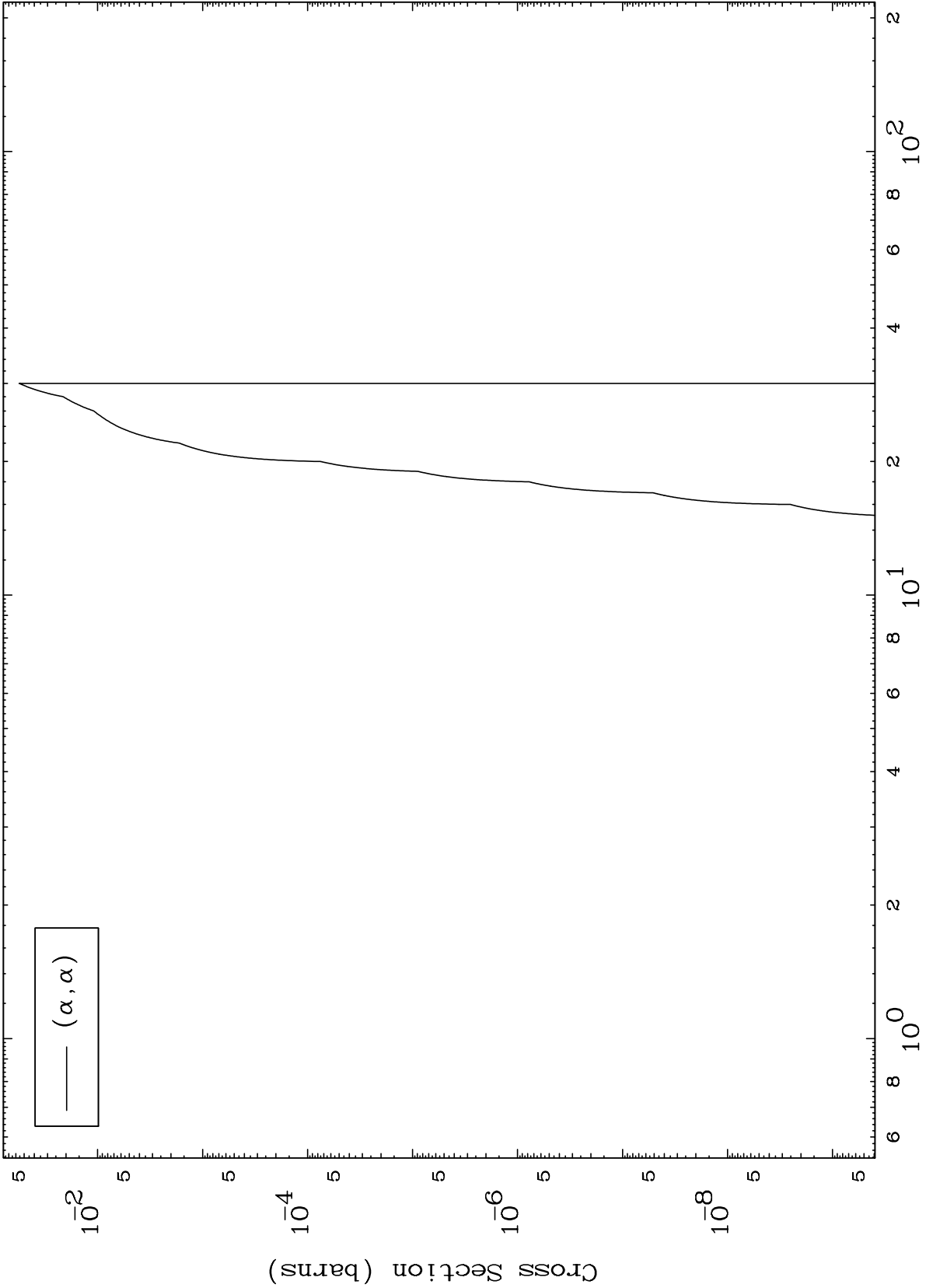


MAT 8513

( $\alpha, \alpha$ ) Levels

85-At-199

0 Kelvin Cross Sections



9

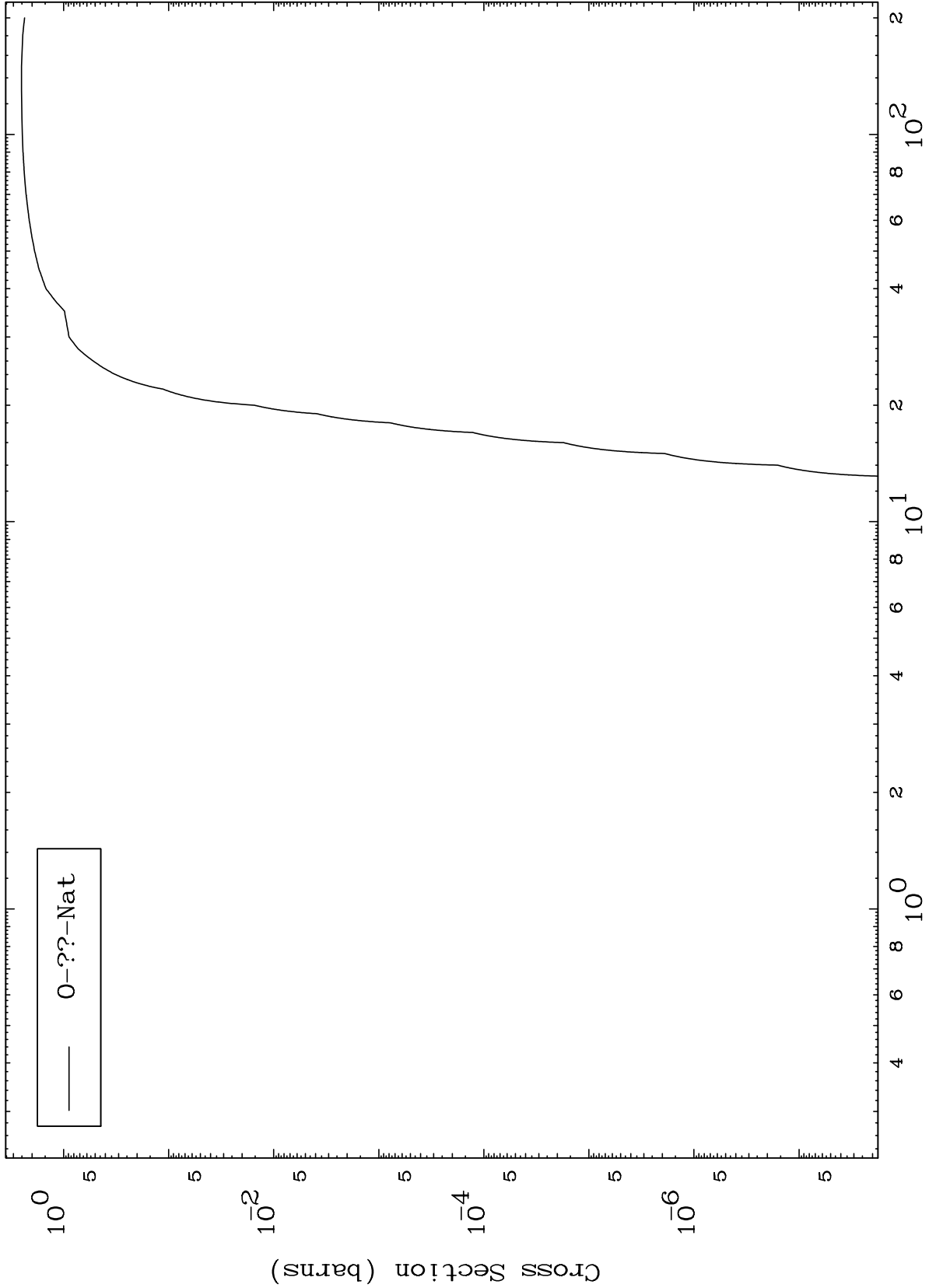
Incident Energy (MeV)

85-At-199

MAT 8513

85-At-199

$\alpha$  Fission  
Radionuclide Production Cross Section



10

Incident Energy (MeV)

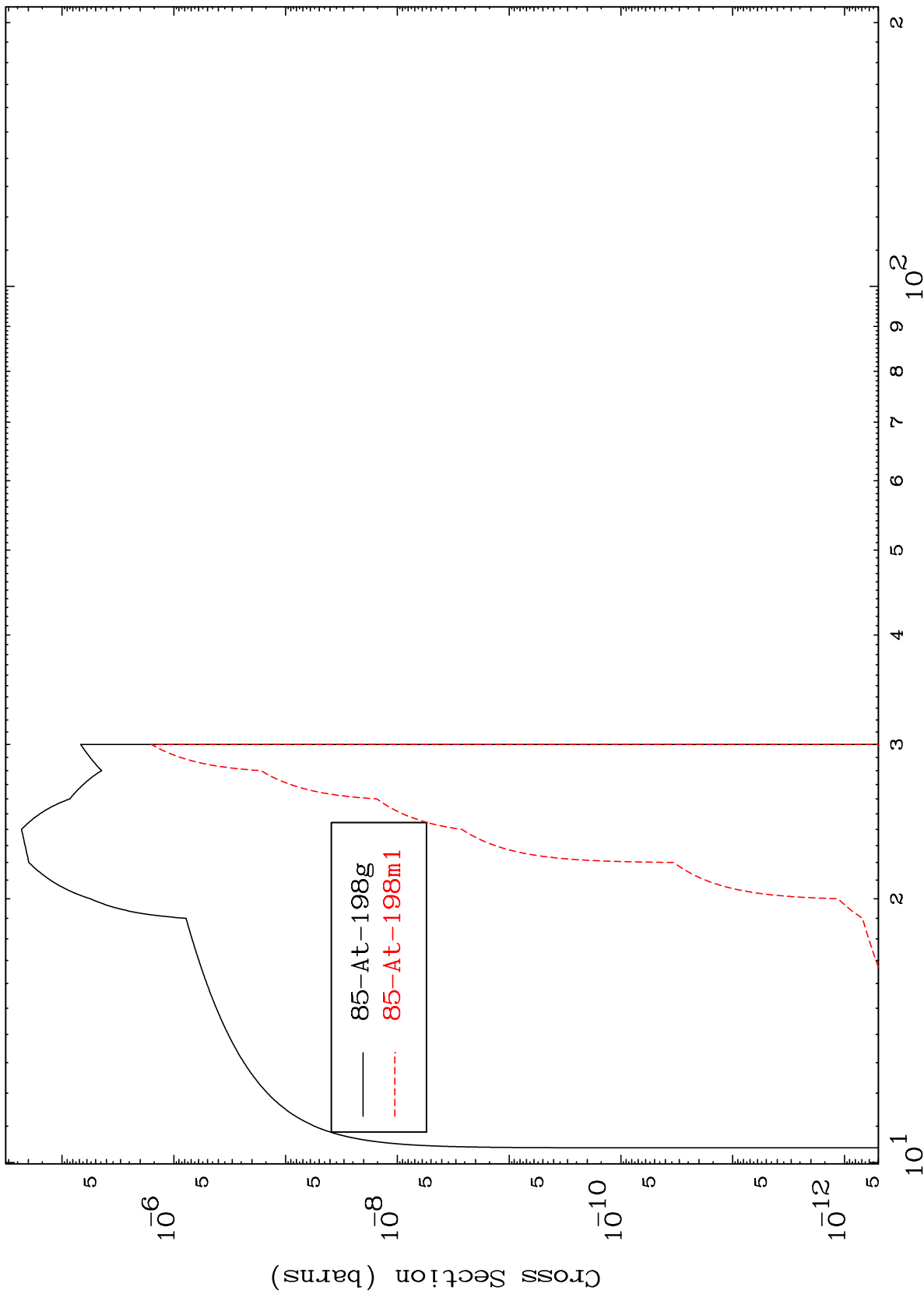
85-At-199

MAT 8513

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

85-At-199

Radionuclide Production Cross Section



11

Incident Energy (MeV)

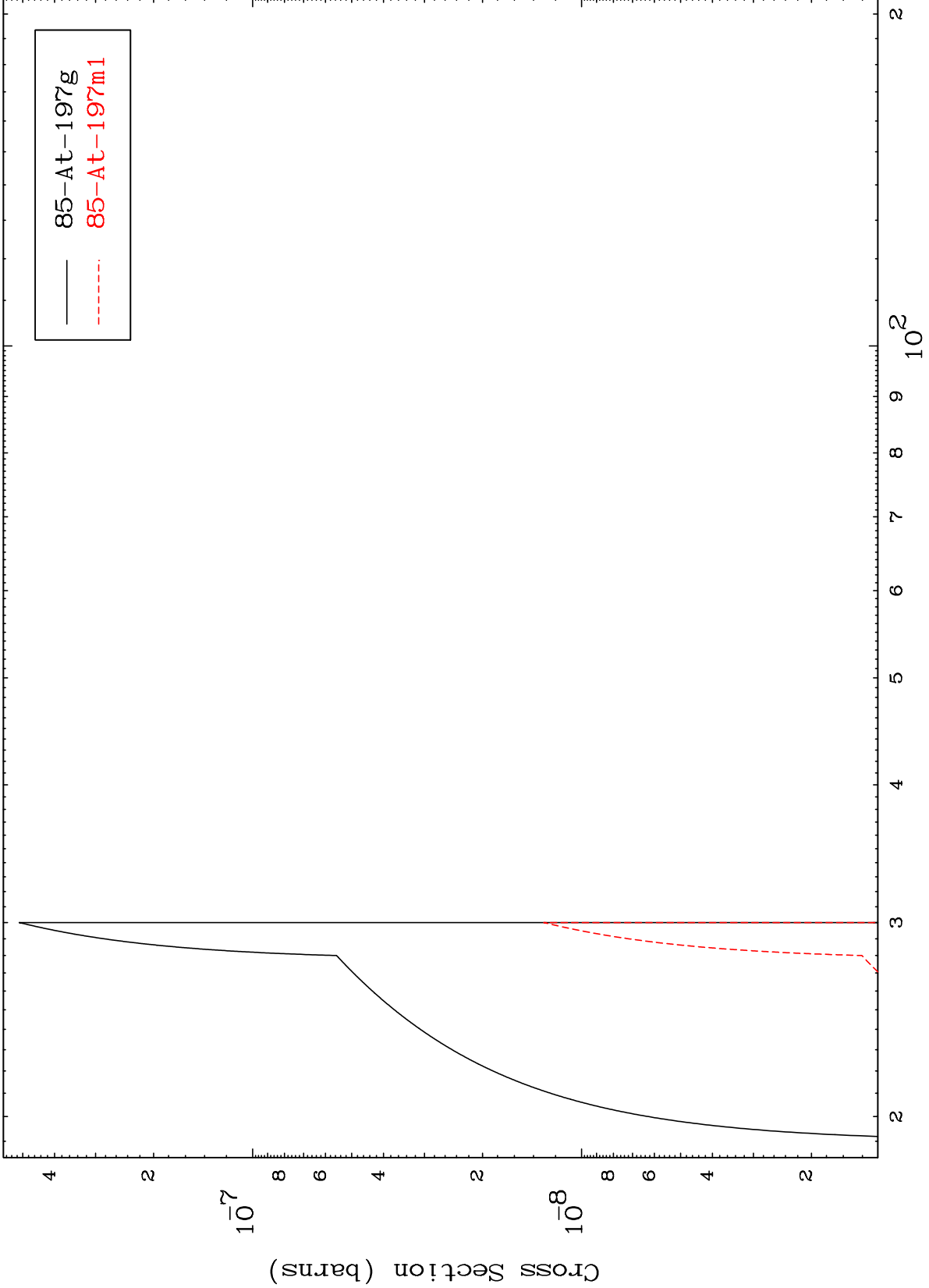
85-At-199

MAT 8513

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

85-At-199

Radionuclide Production Cross Section

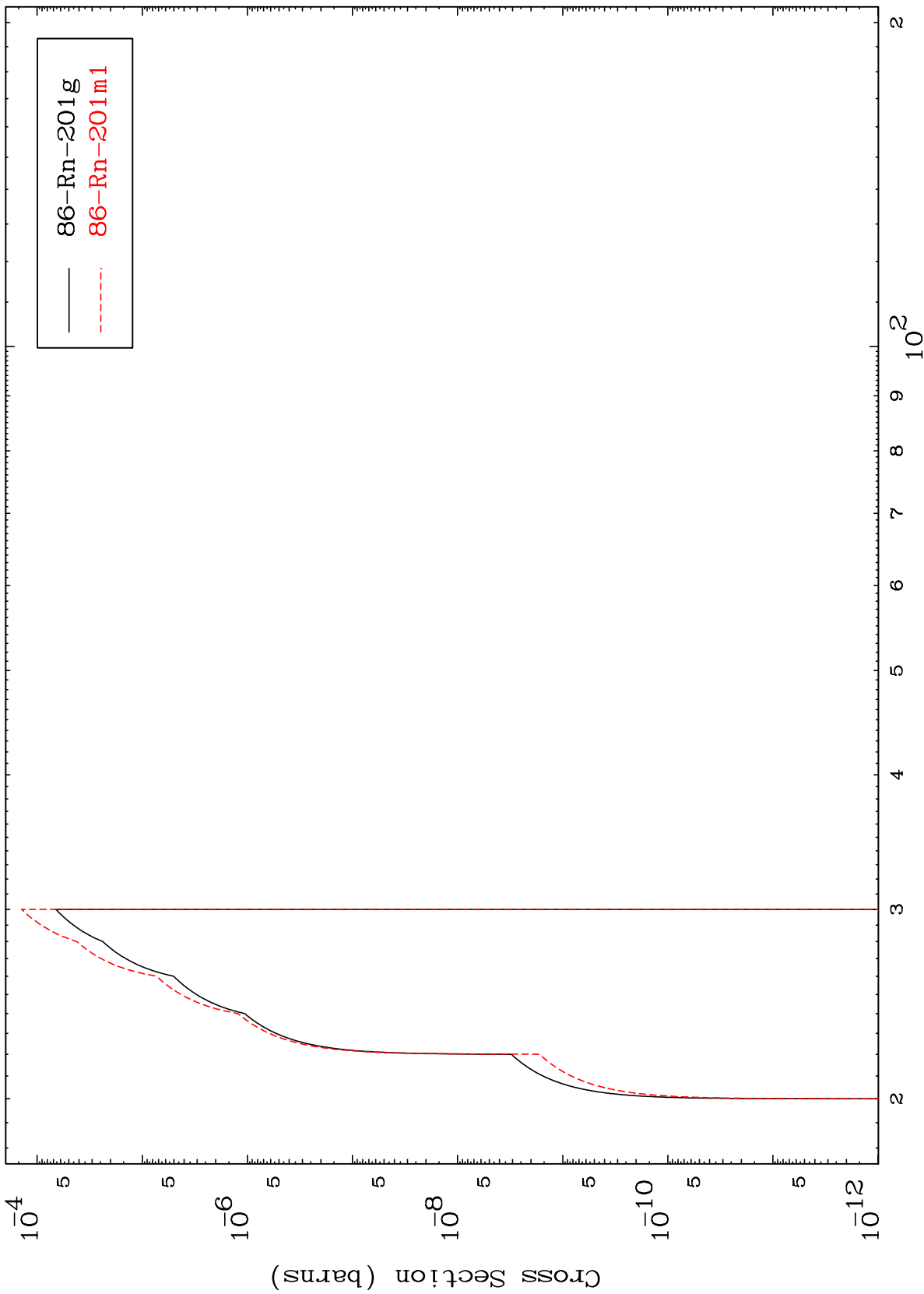


12

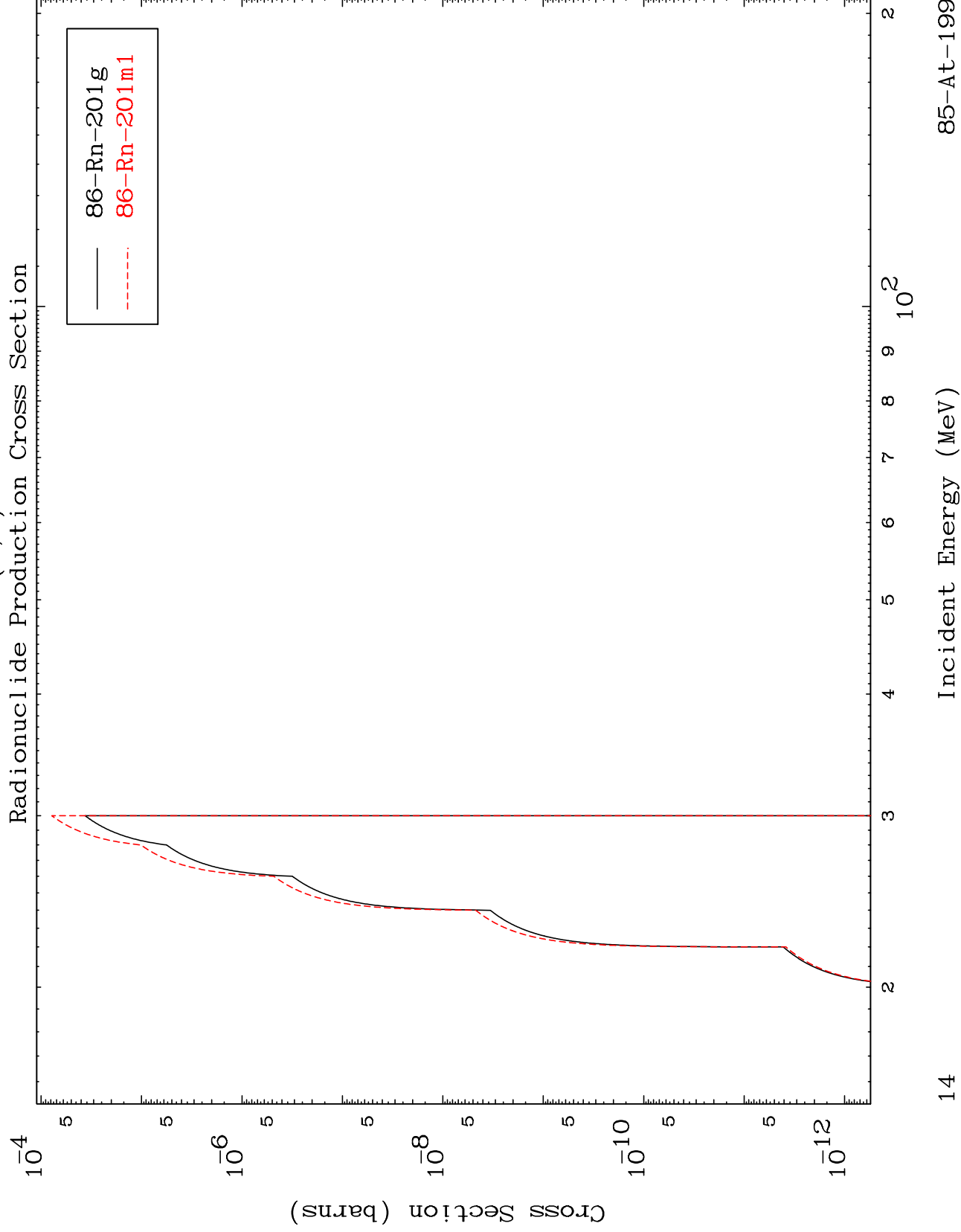
Incident Energy (MeV)

85-At-199

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



86-Rn-201 g  
86-Rn-201 ml

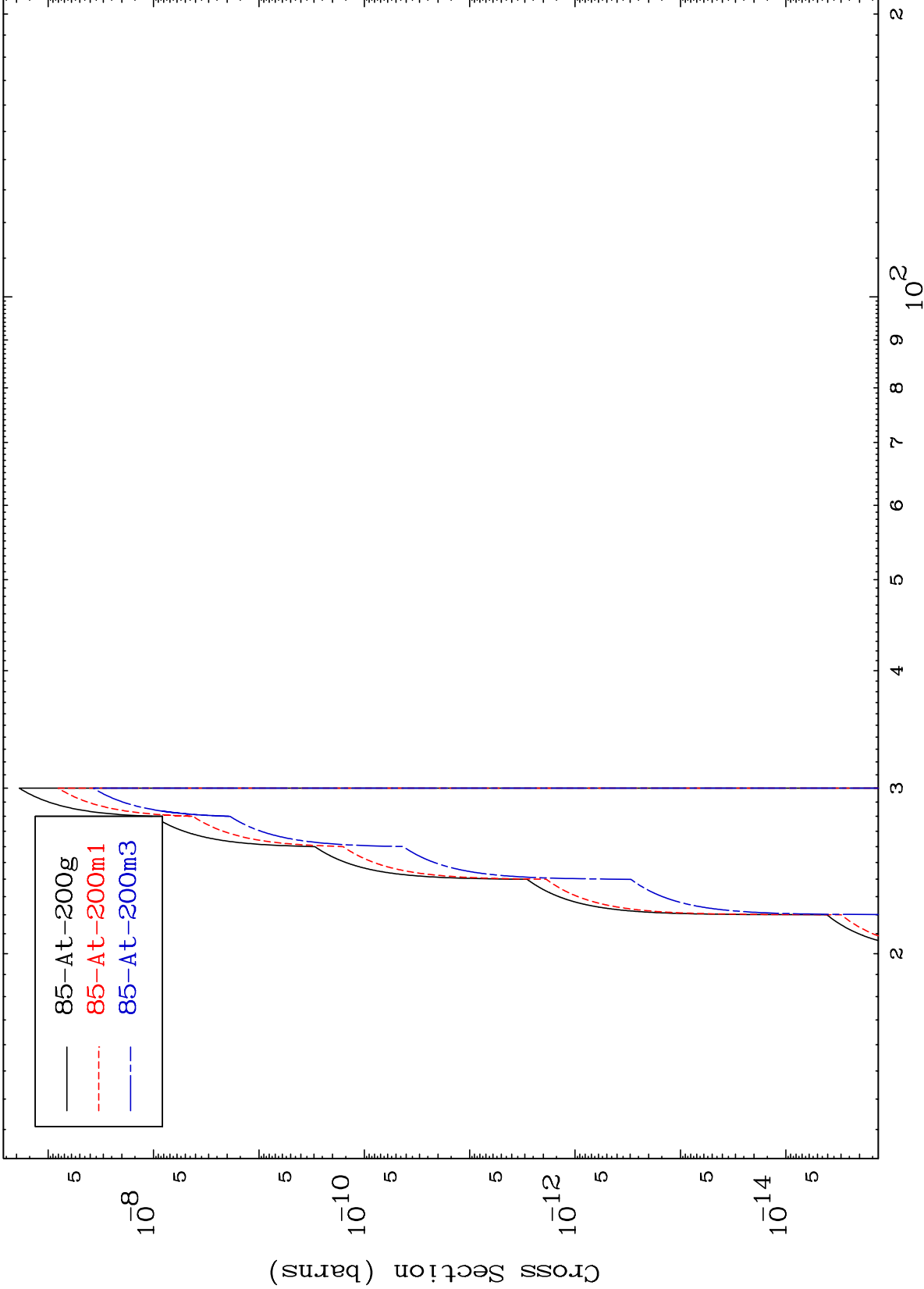


MAT 8513

( $\alpha, \text{He-3}$ )

85-At-199

Radionuclide Production Cross Section



15

Incident Energy (MeV)

85-At-199



MAT 8513

( $\alpha, 2\alpha$ )

85-At-199

Radionuclide Production Cross Section

