

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

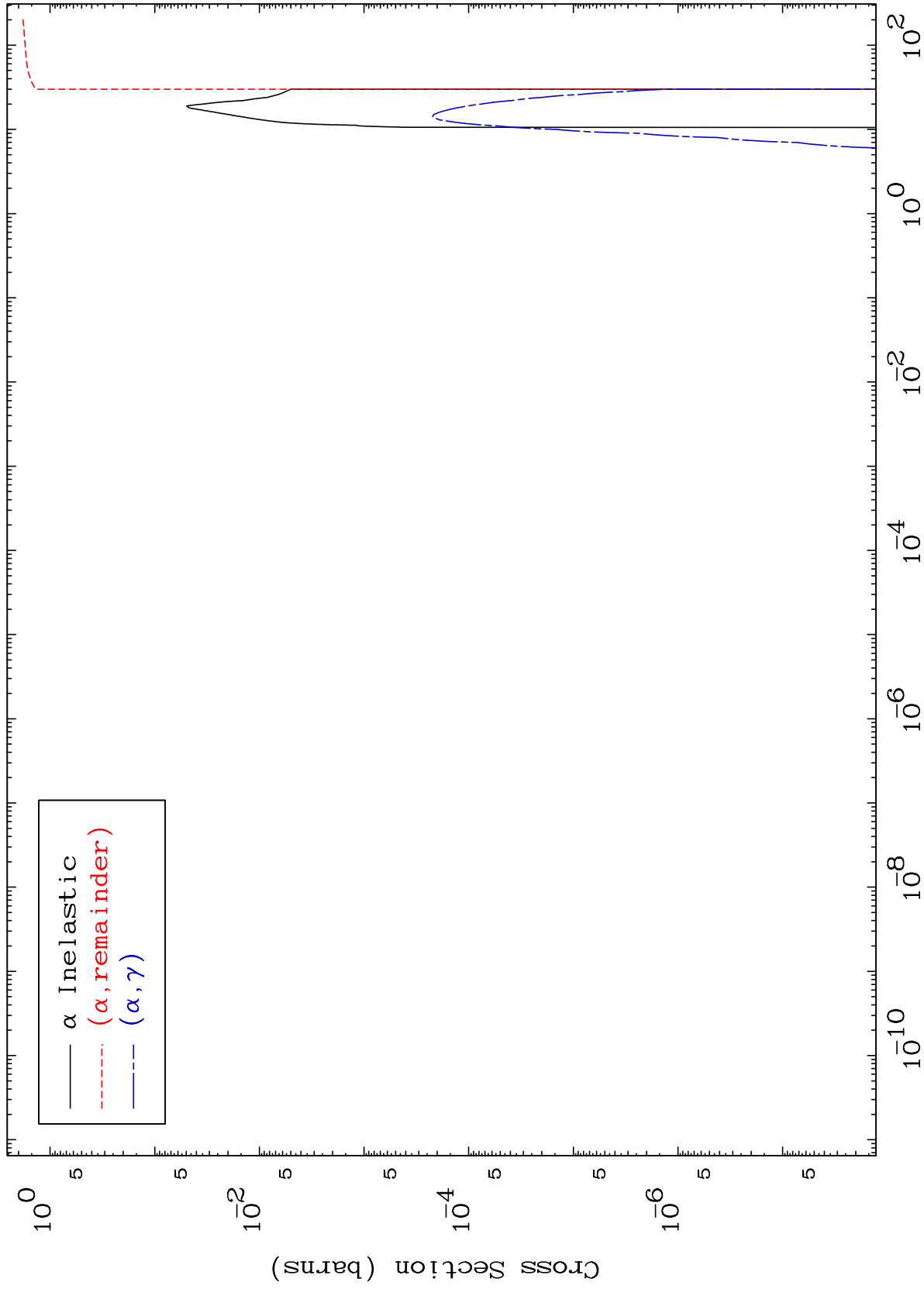
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

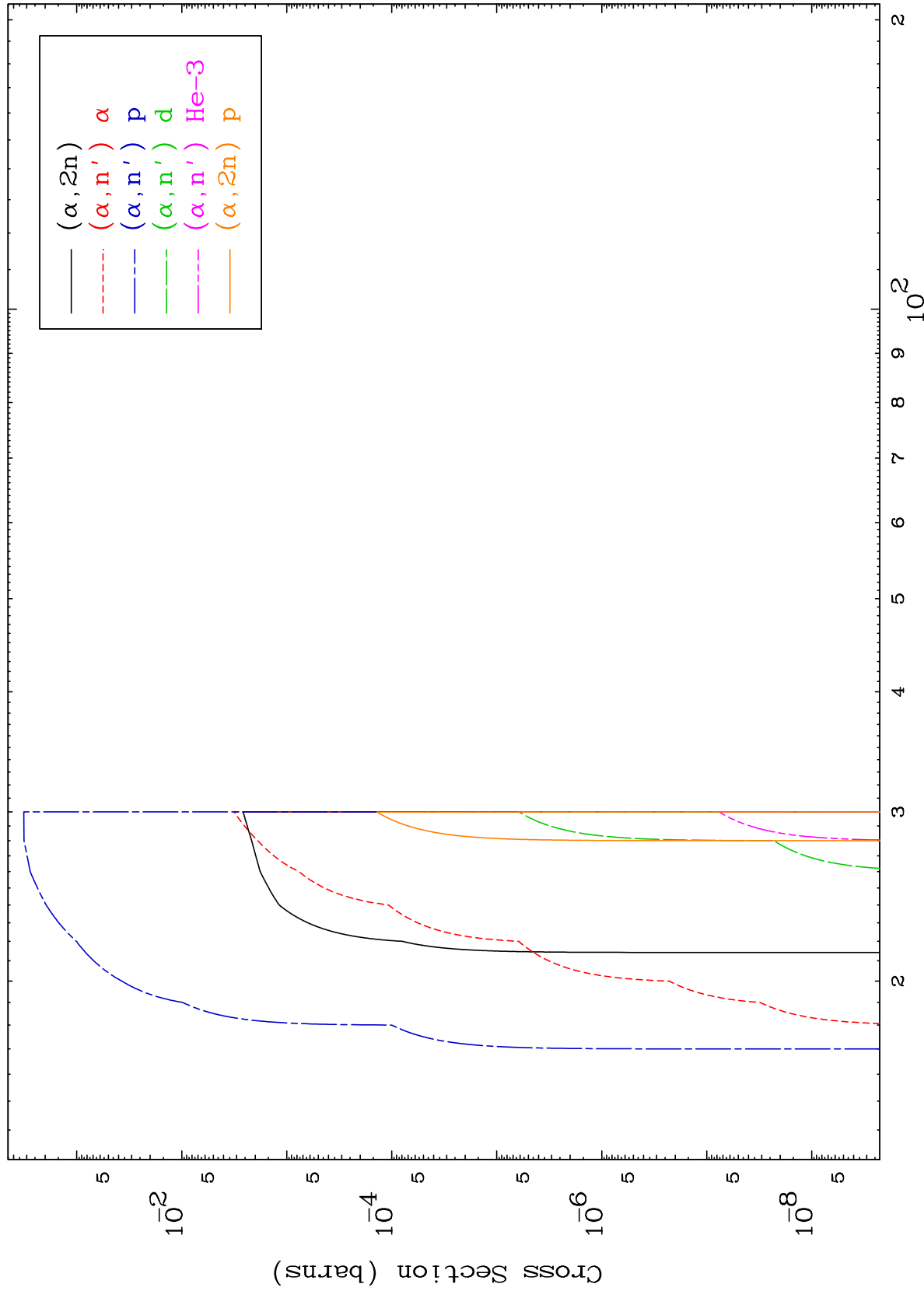
Press Mouse Button to Start

MAT 3813

0 Kelvin  $\alpha$  Major  
Cross Sections

38-Sr-80

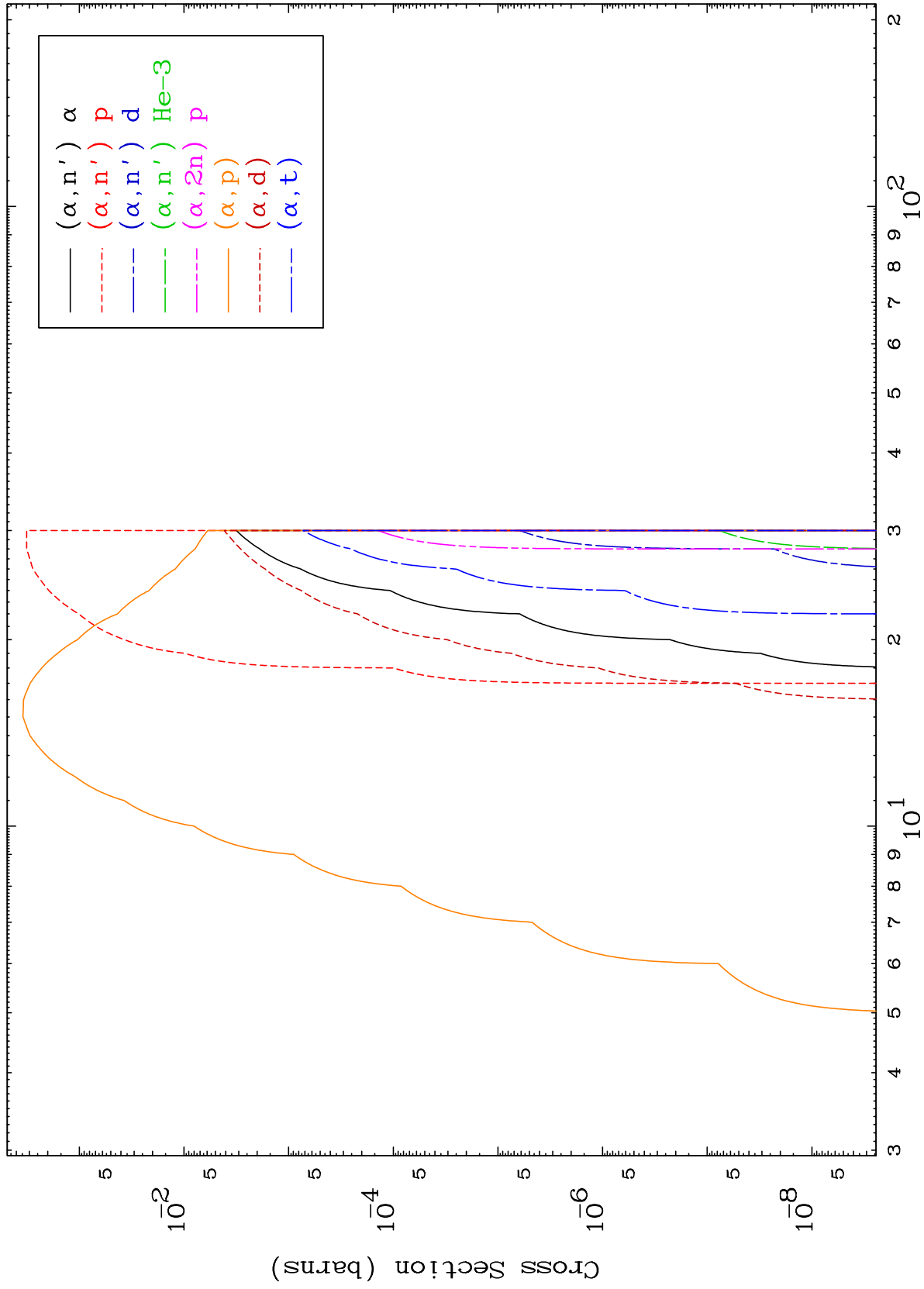




MAT 3813

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

38-Sr-80



3

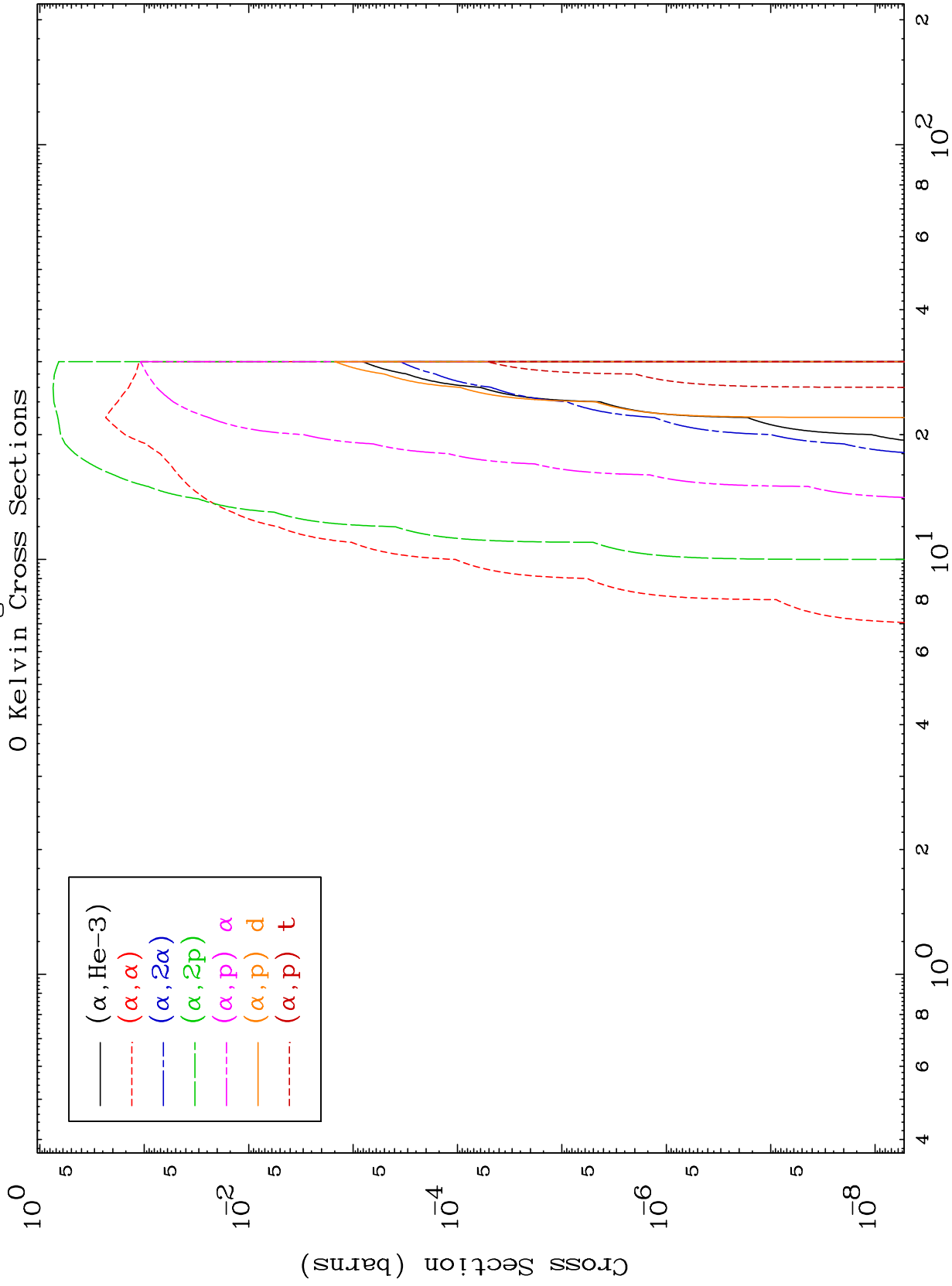
Incident Energy (MeV)

38-Sr-80

MAT 3813

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

38-Sr-80



4

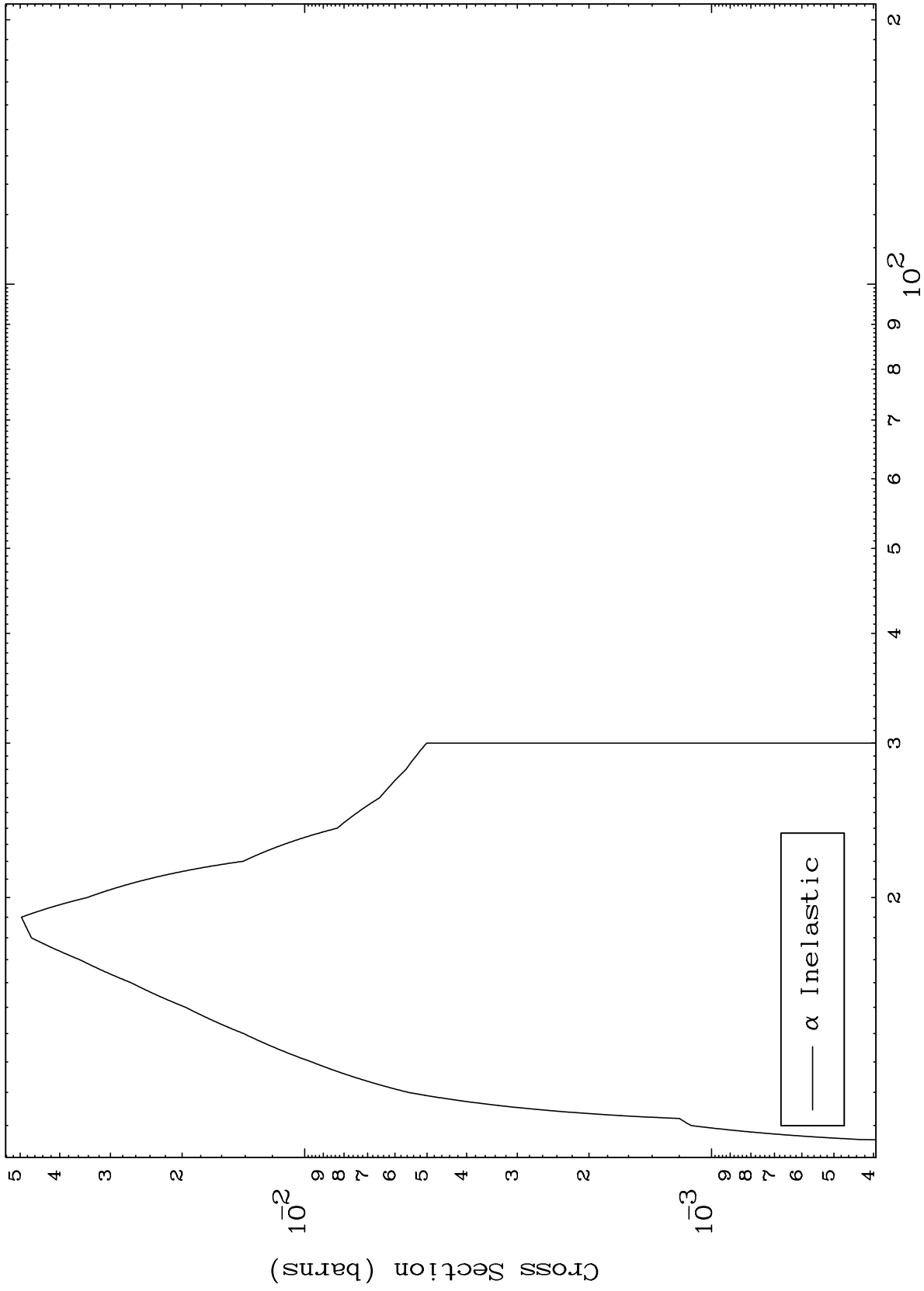
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



5

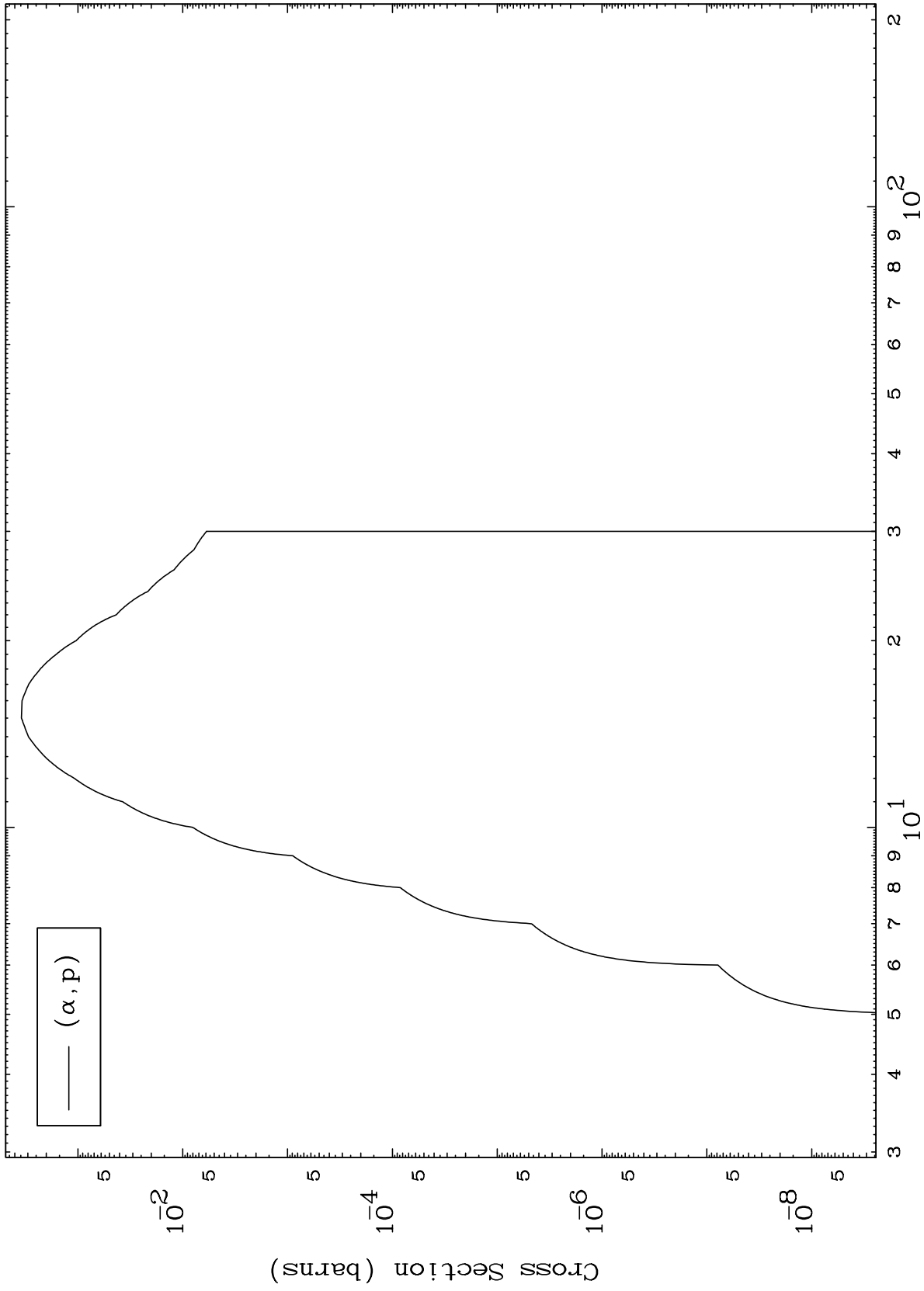
Incident Energy (MeV)

38-Sr-80

MAT 3813

38-Sr-80

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



( $\alpha, p$ )

6

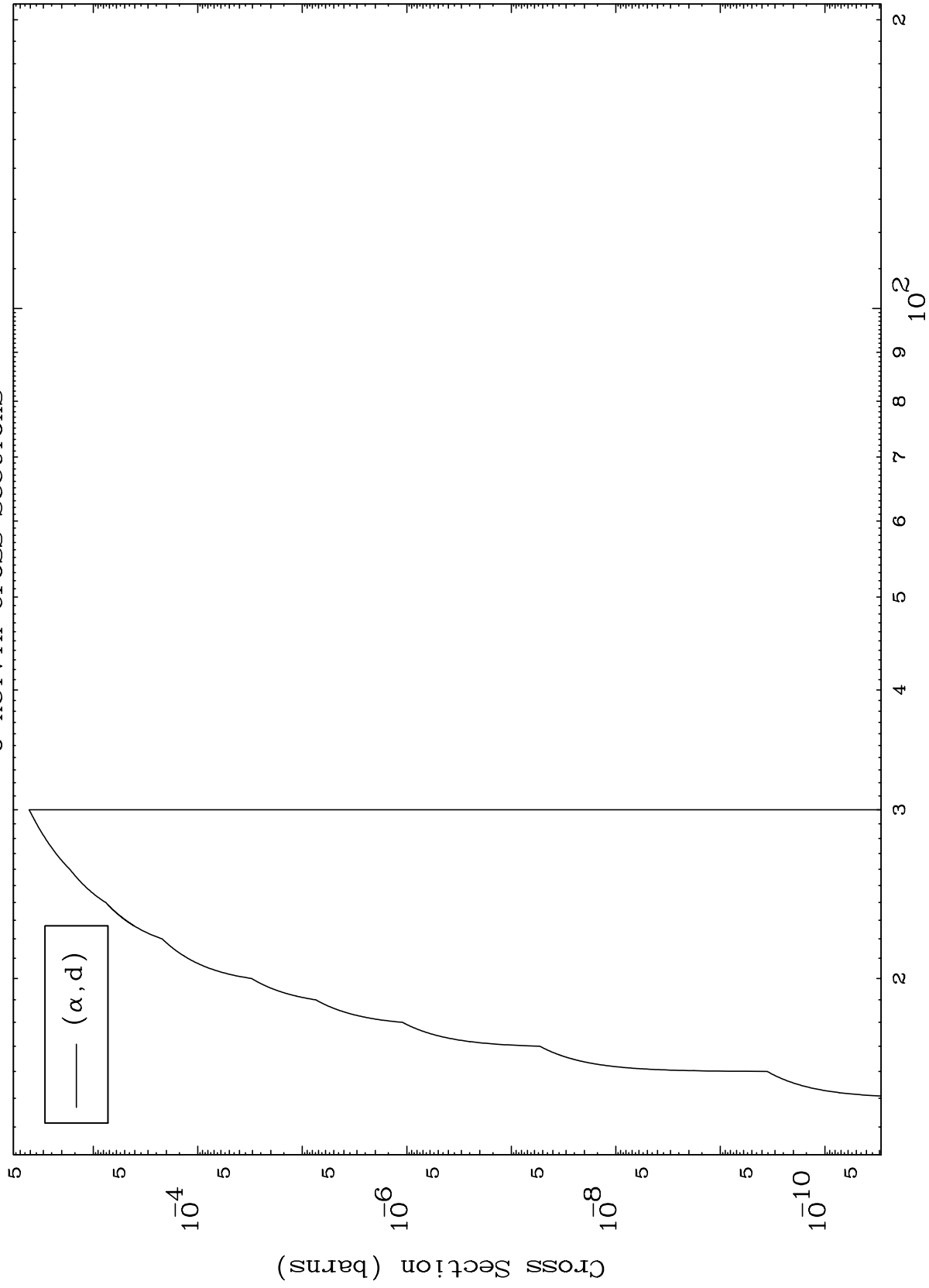
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



7

Incident Energy (MeV)

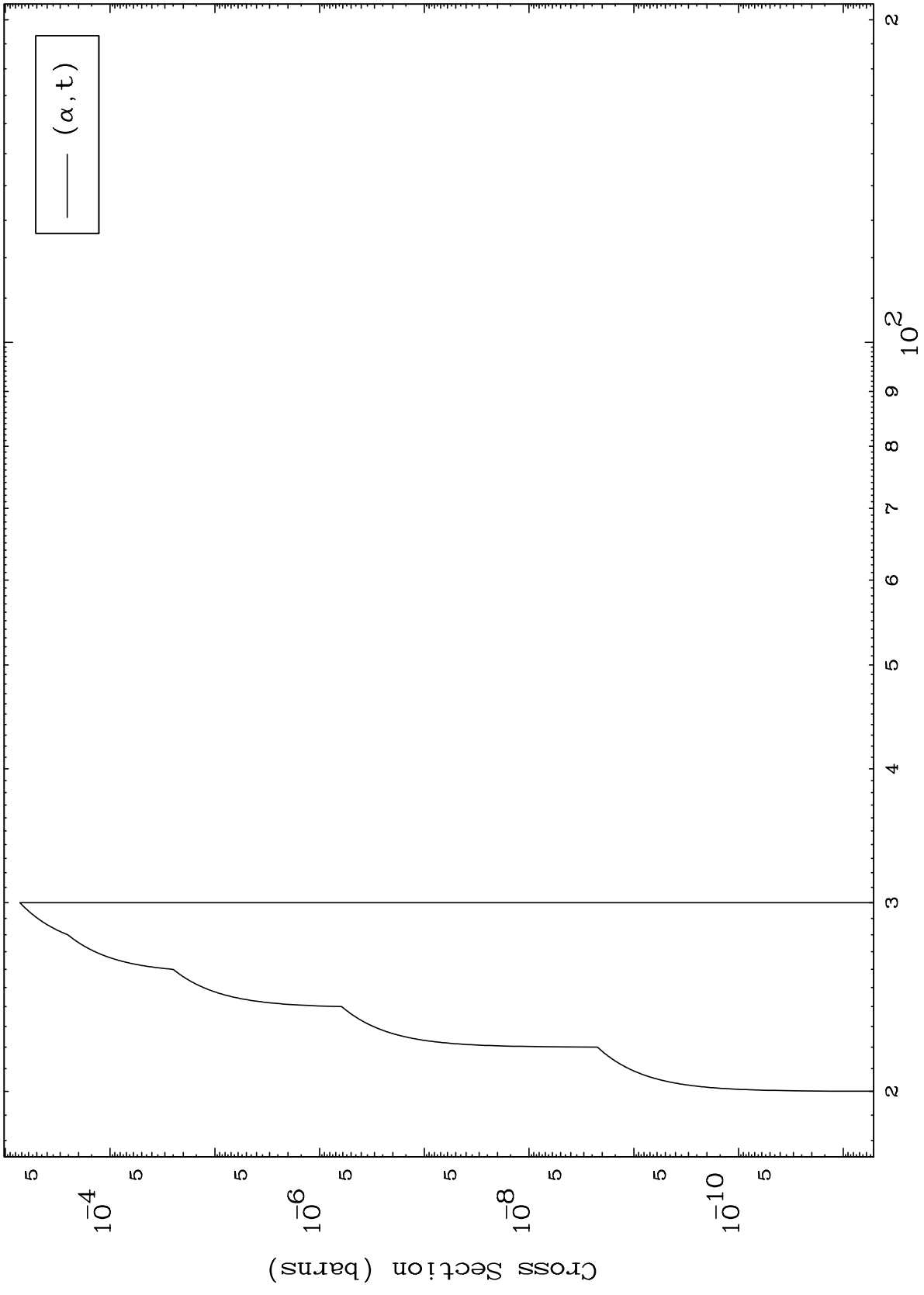
38-Sr-80



MAT 3813

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

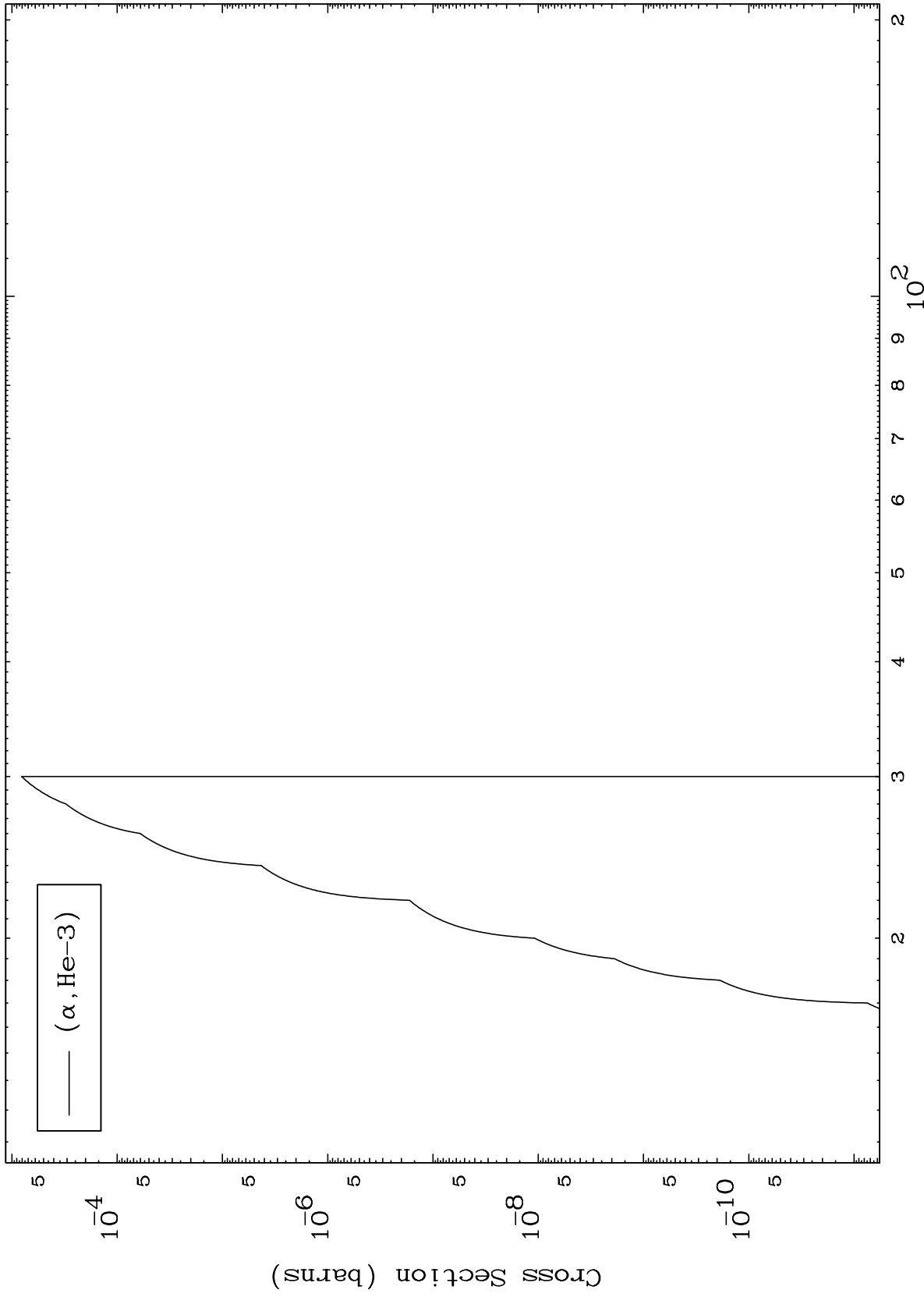
38-Sr-80



8

Incident Energy (MeV)

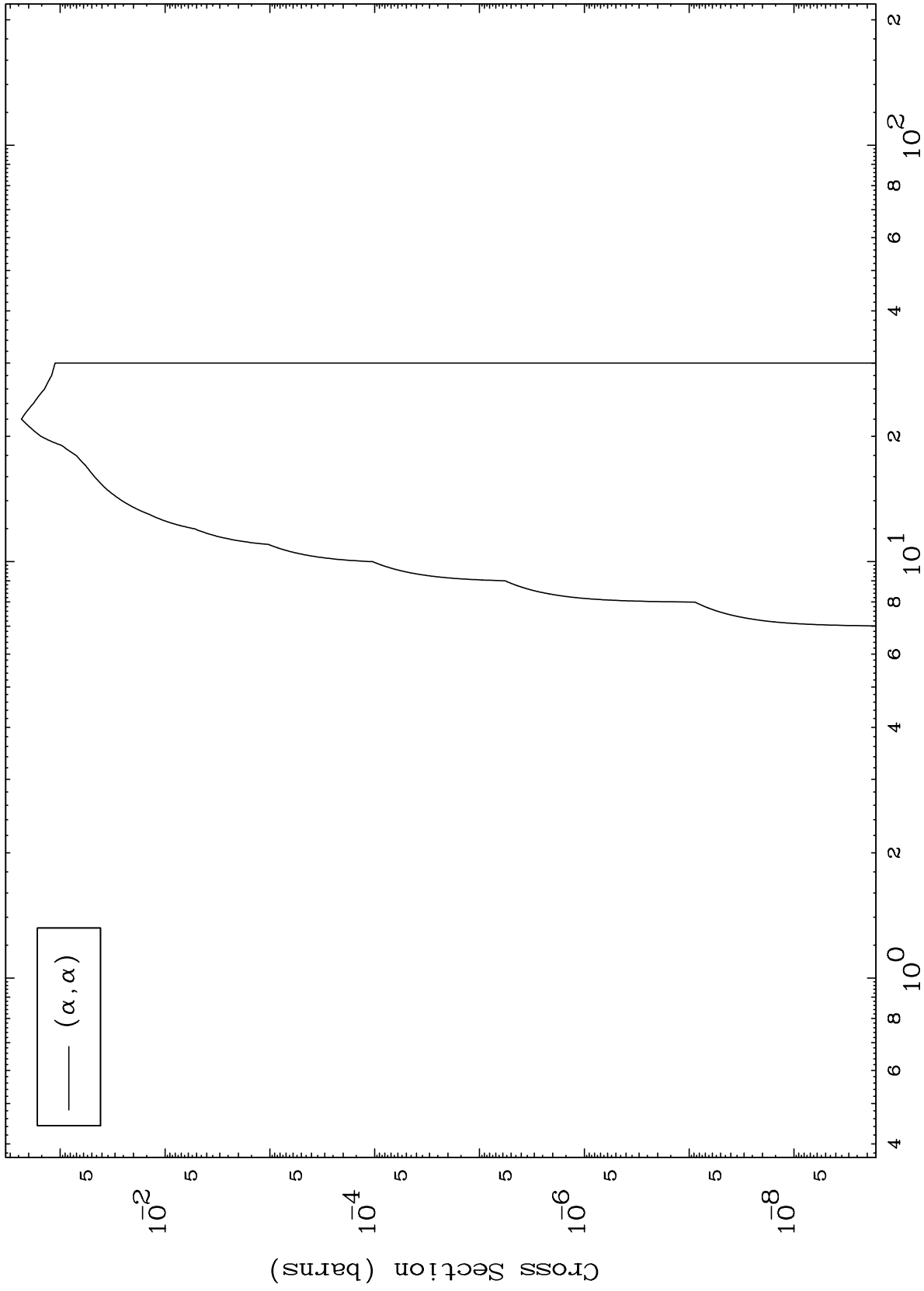
38-Sr-80



MAT 3813

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

38-Sr-80



10

Incident Energy (MeV)

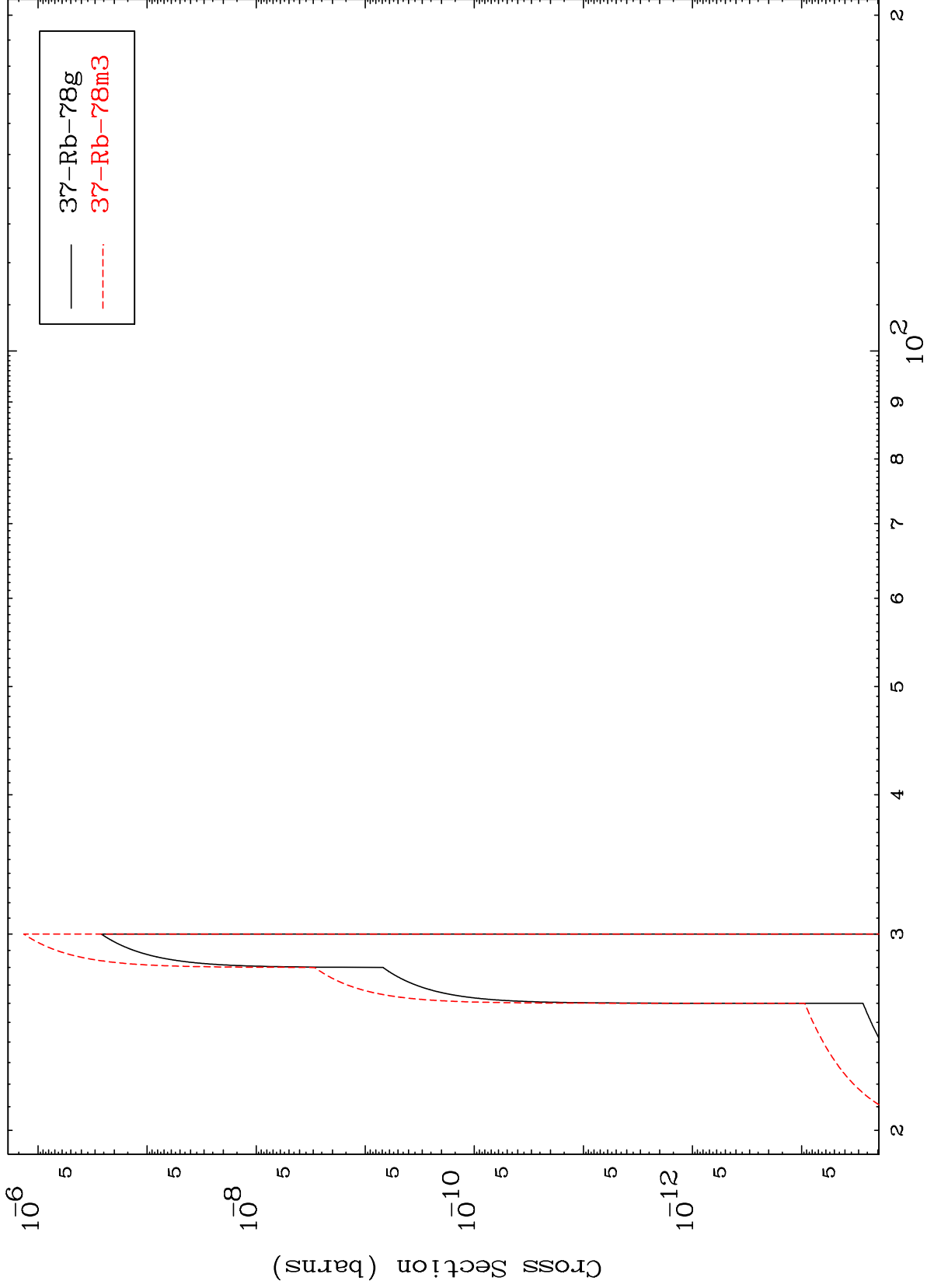
38-Sr-80

MAT 3813

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

38-Sr-80

Radionuclide Production Cross Section



11

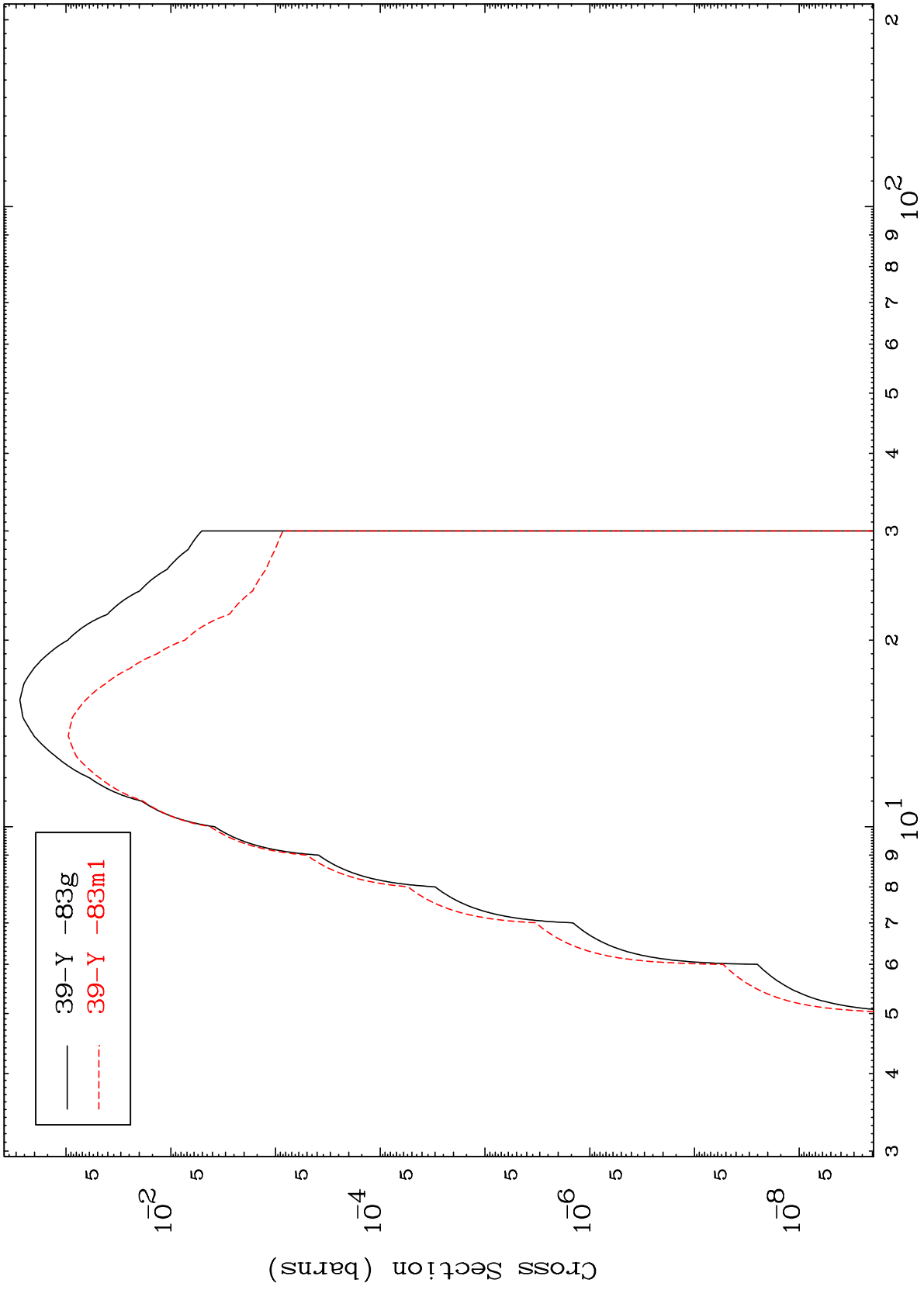
Incident Energy (MeV)

38-Sr-80

MAT 3813

38-Sr-80

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



12

Incident Energy (MeV)

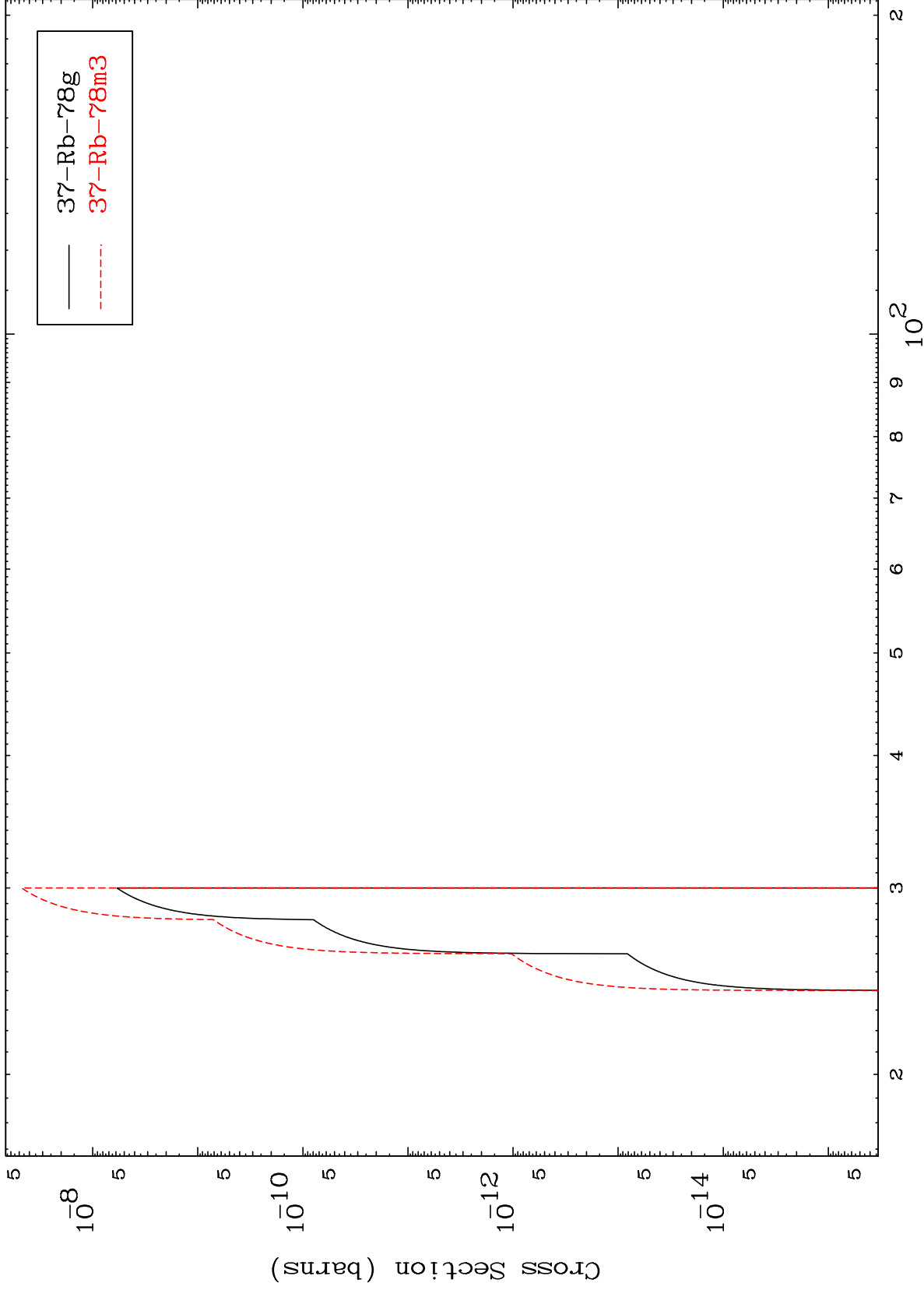
38-Sr-80

MAT 3813

( $\alpha, d$ )  $\alpha$

38-Sr-80

Radionuclide Production Cross Section



13

Incident Energy (MeV)

38-Sr-80