

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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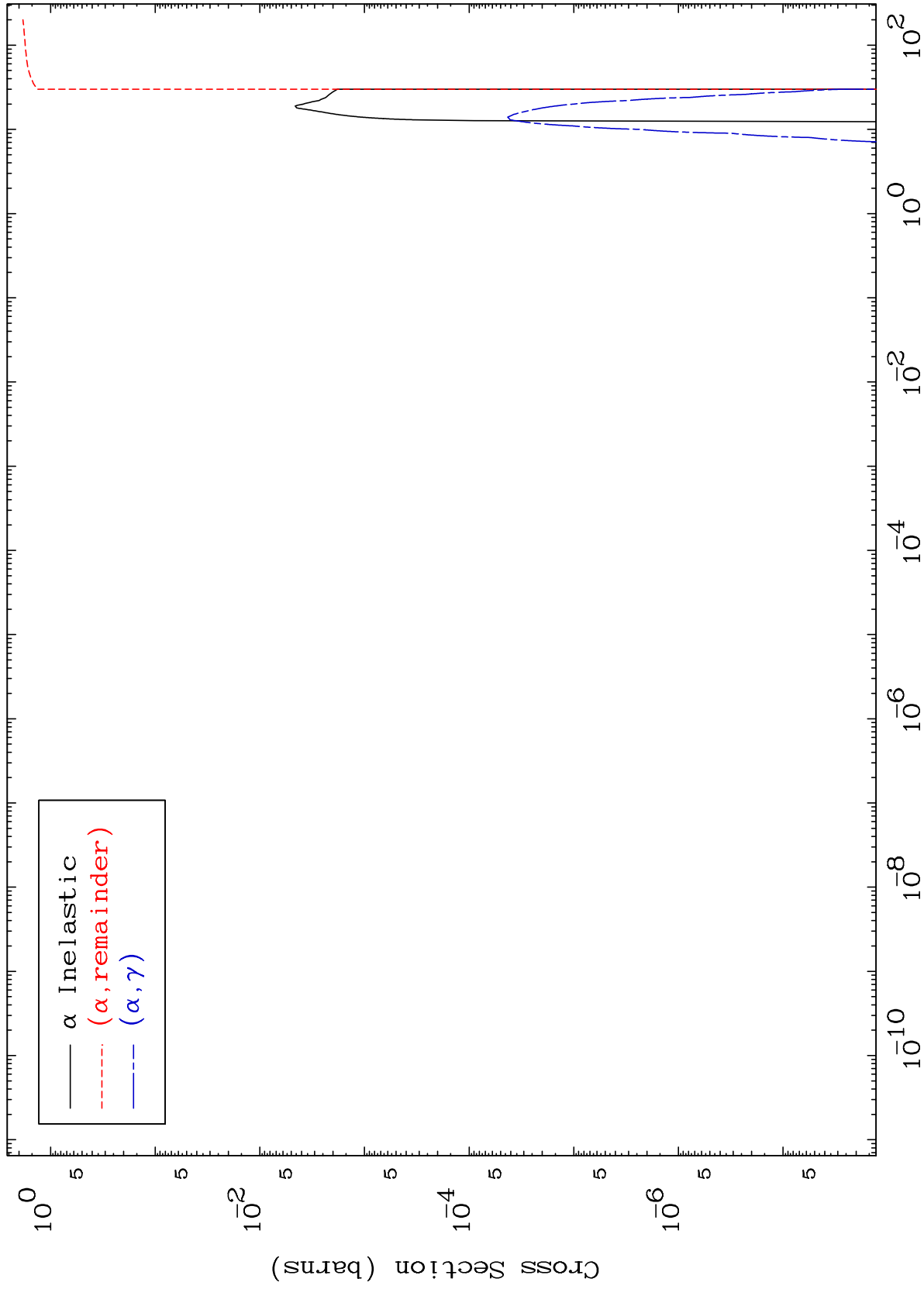
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4001

0 Kelvin  $\alpha$  Major  
Cross Sections

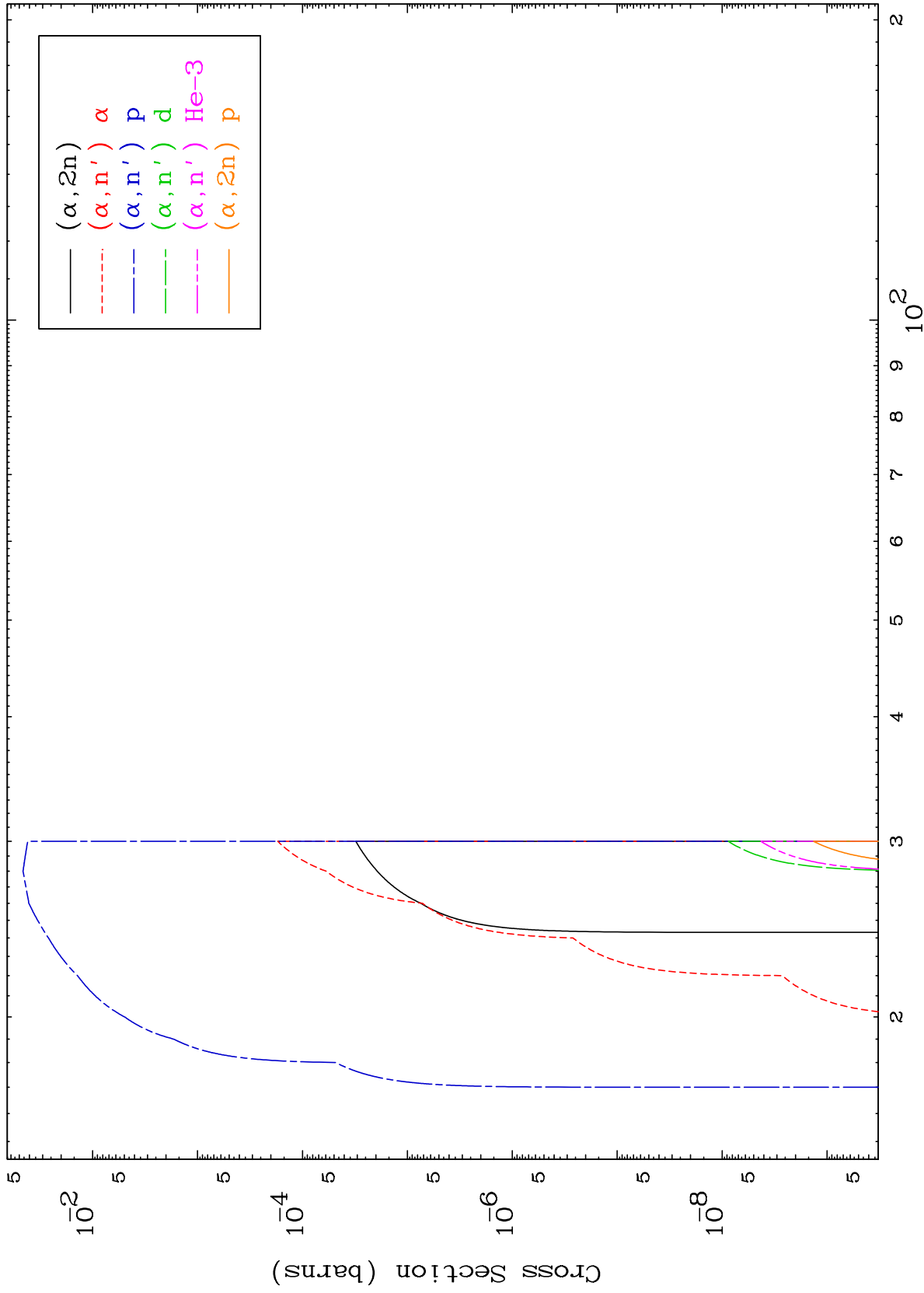
40-Zr-82



MAT 4001

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

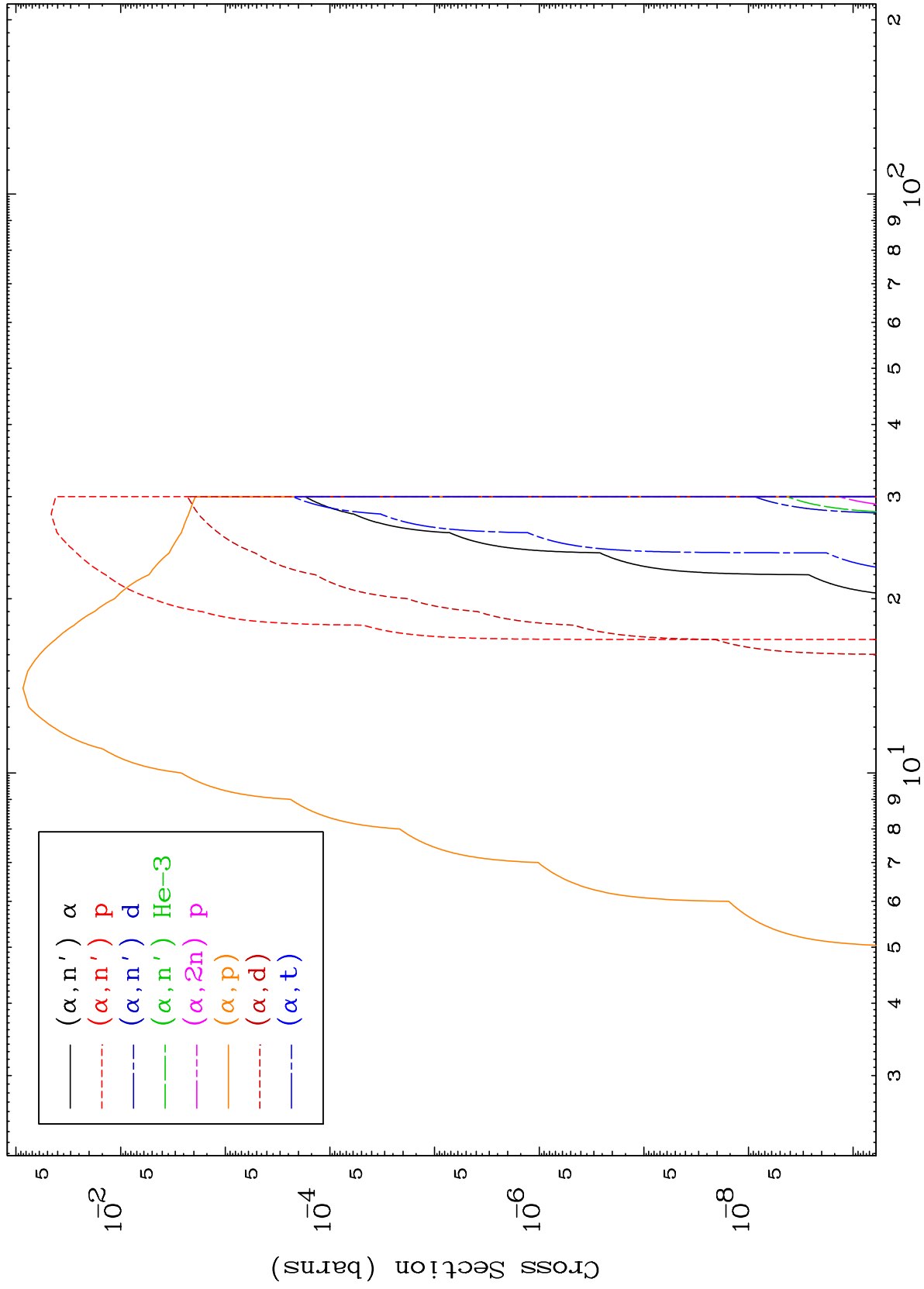
40-Zr-82



2

Incident Energy (MeV)

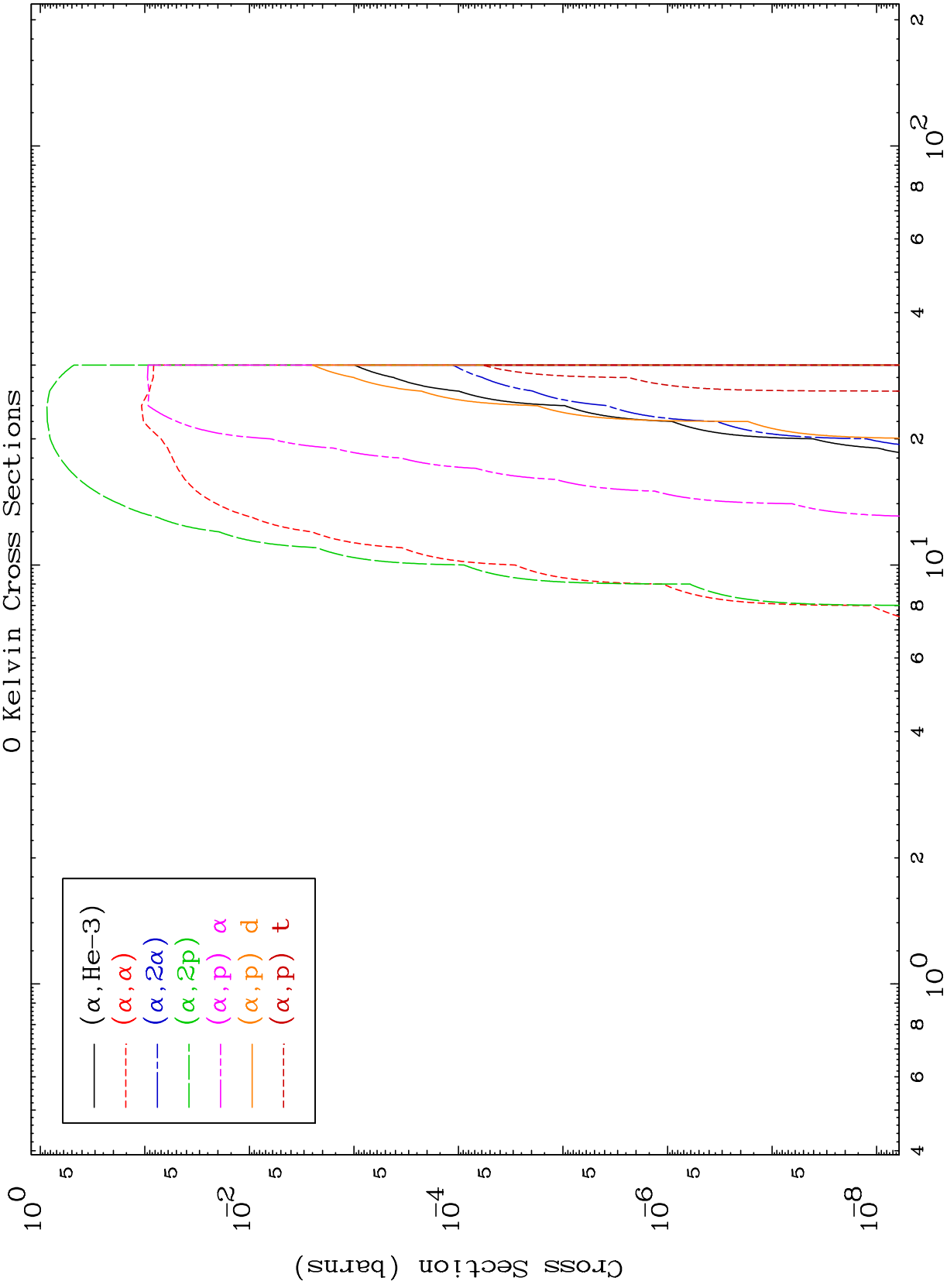
40-Zr-82



MAT 4001

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

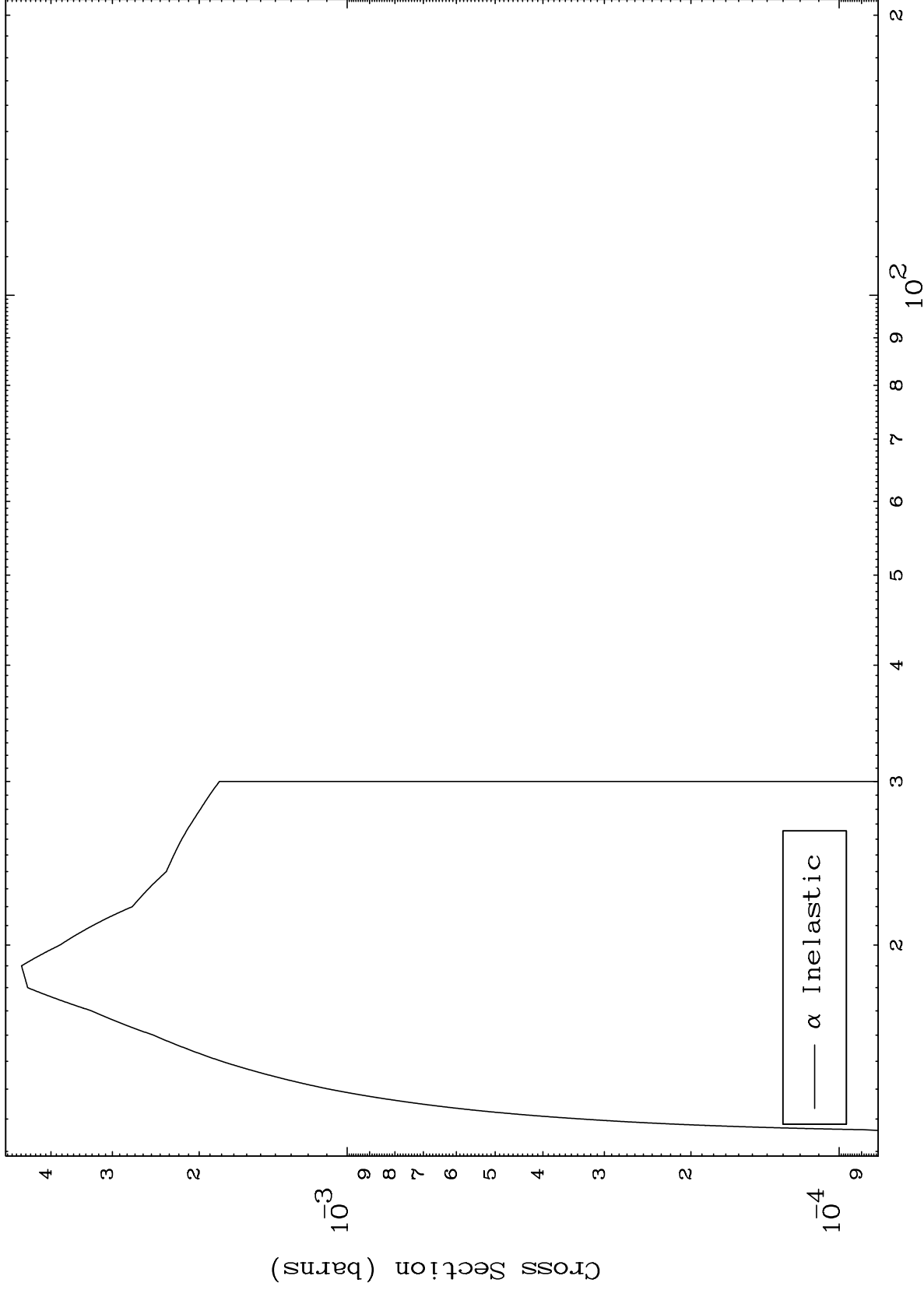
40-Zr-82



MAT 4001

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

40-Zr-82



5

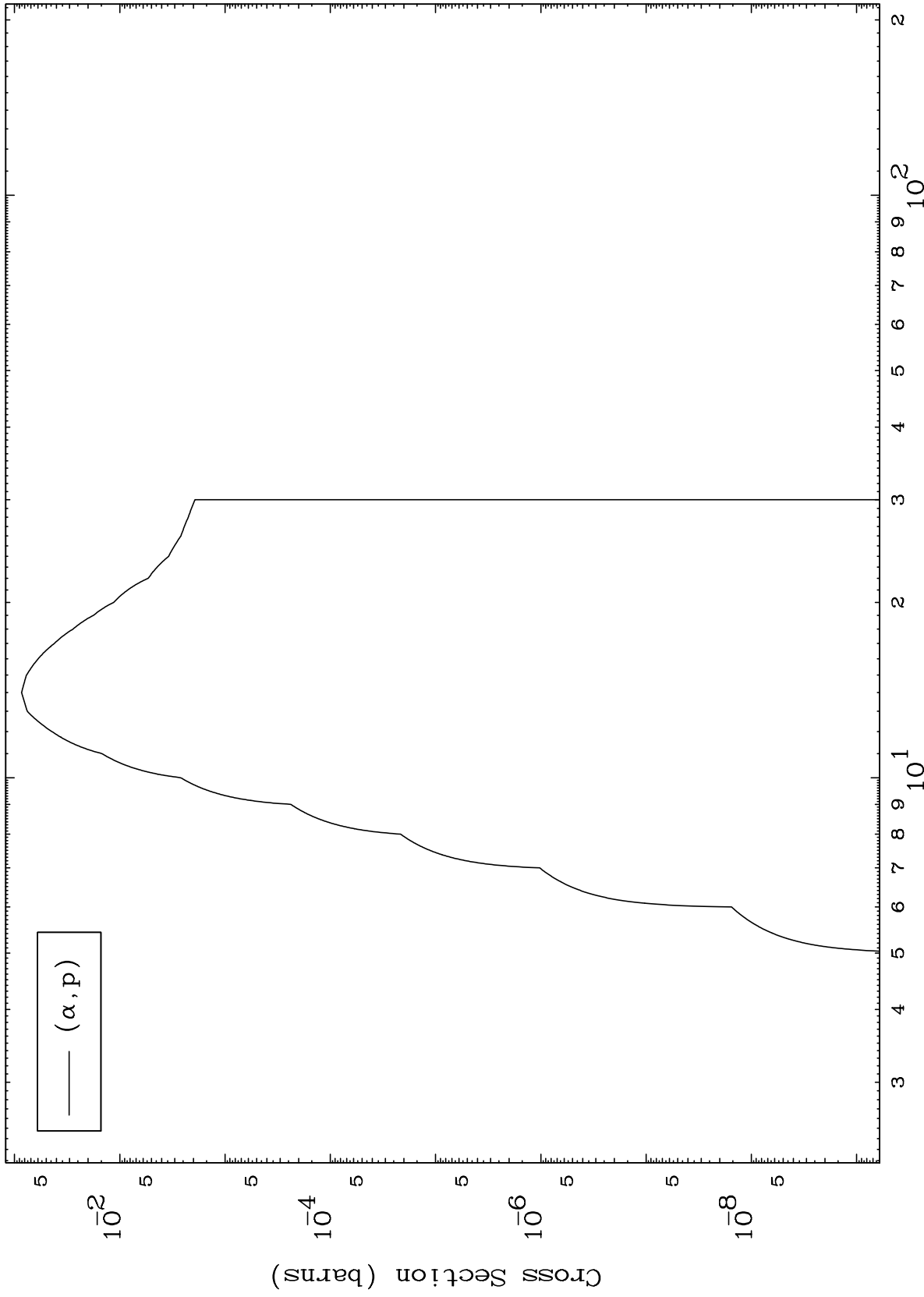
Incident Energy (MeV)

40-Zr-82

MAT 4001

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

40-Zr-82



6

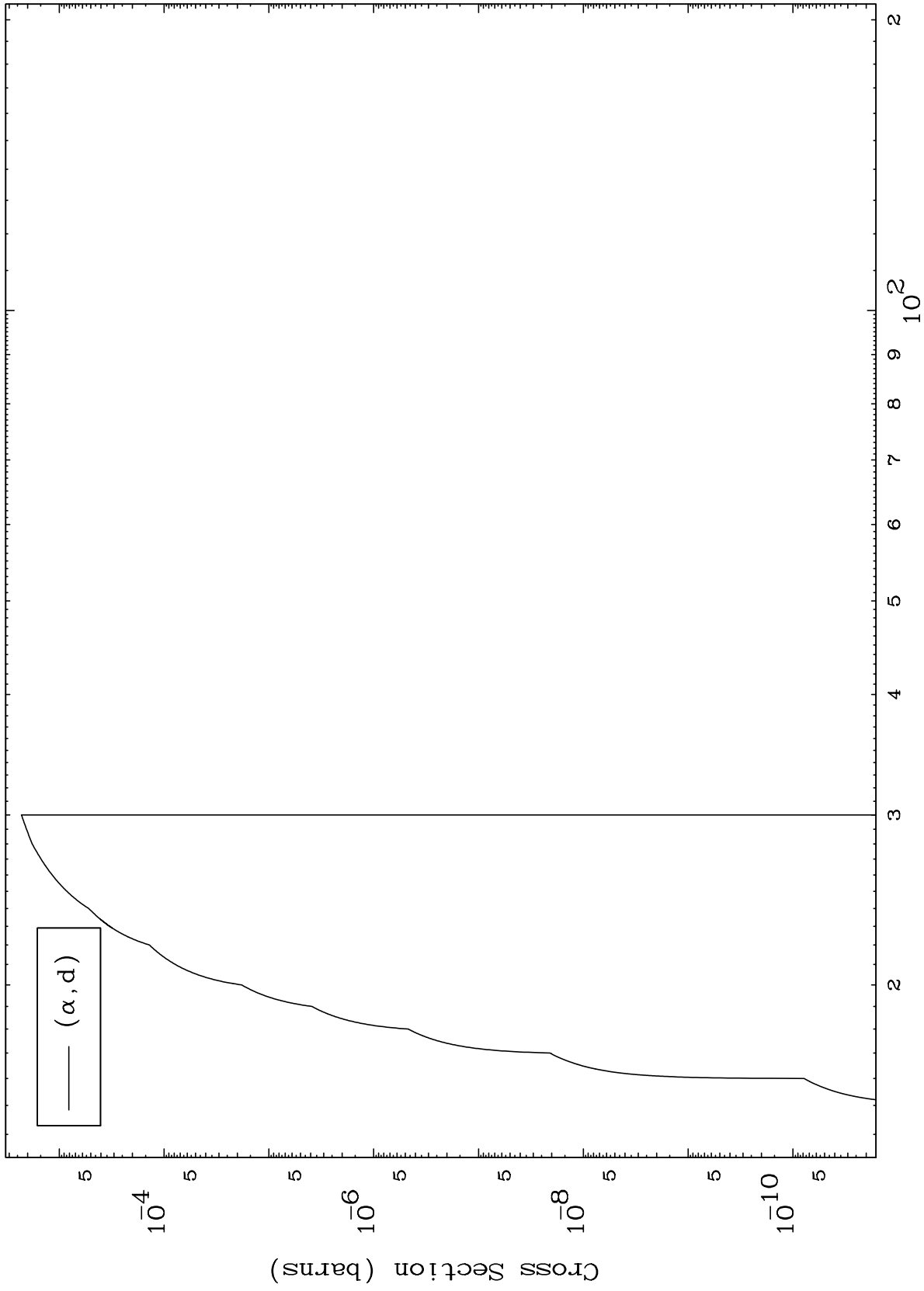
Incident Energy (MeV)

40-Zr-82

MAT 4001

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

40-Zr-82



7

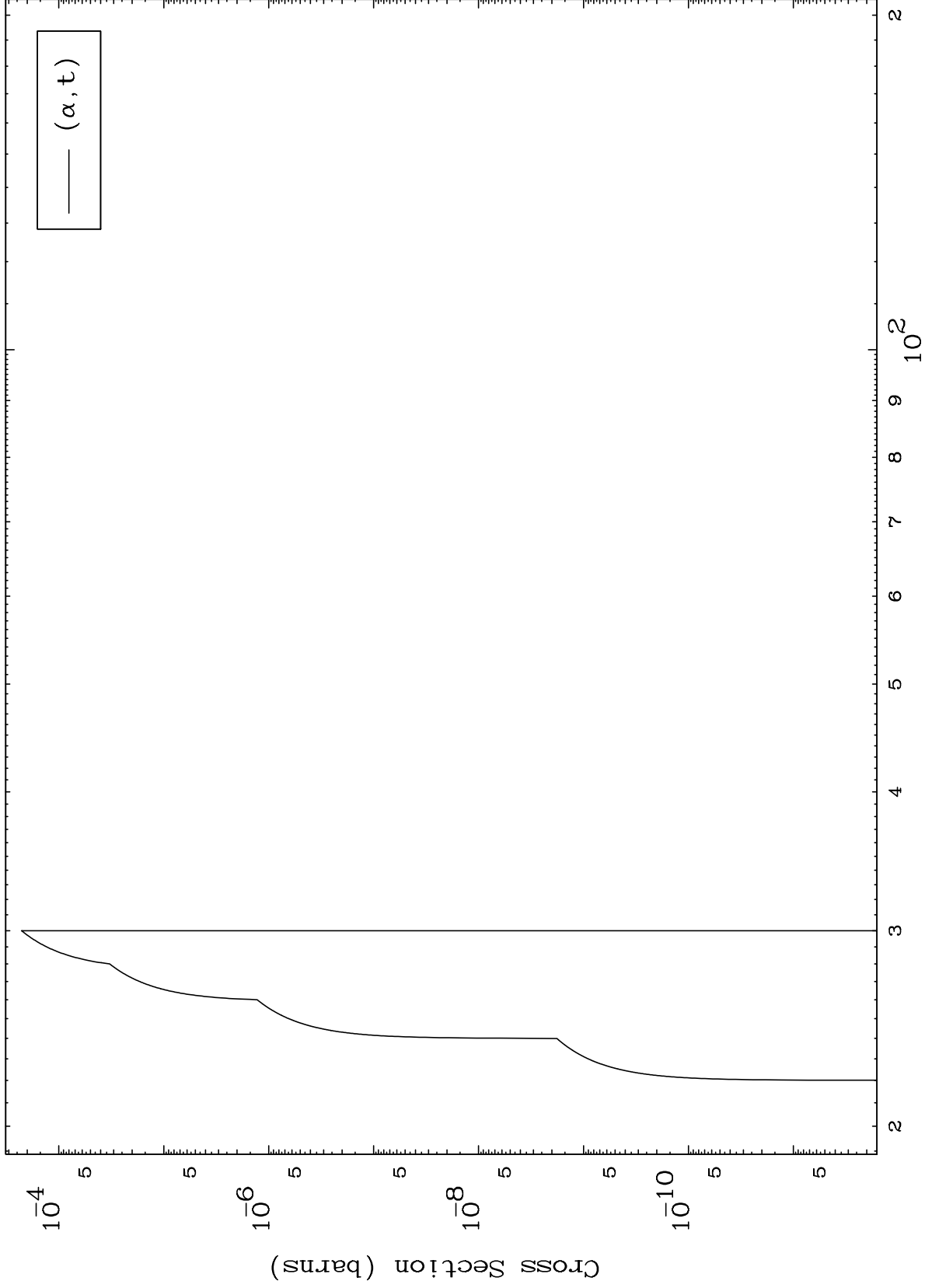
Incident Energy (MeV)

40-Zr-82

MAT 4001

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

40-Zr-82



8

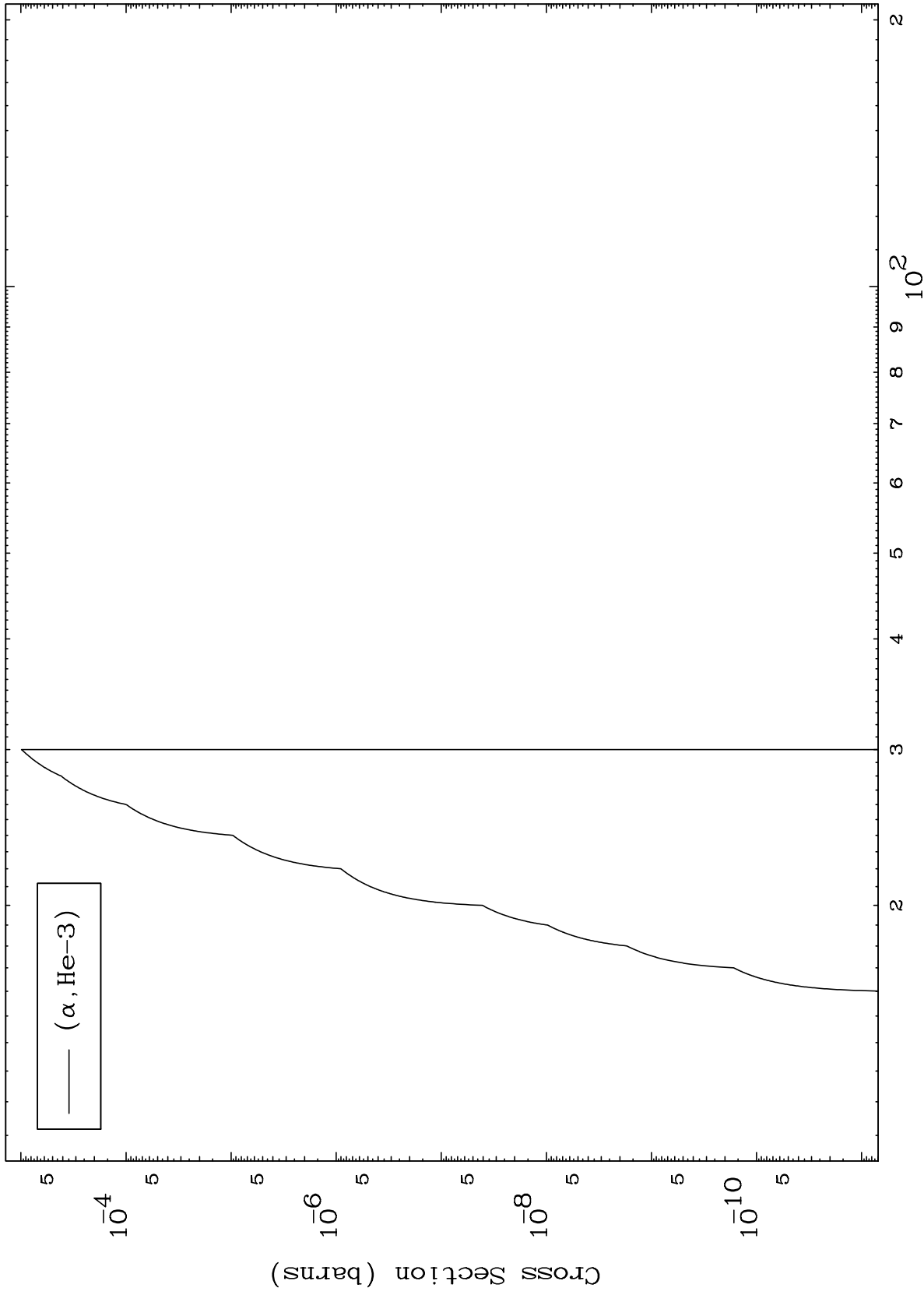
Incident Energy (MeV)

40-Zr-82

MAT 4001

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

40-Zr-82



9

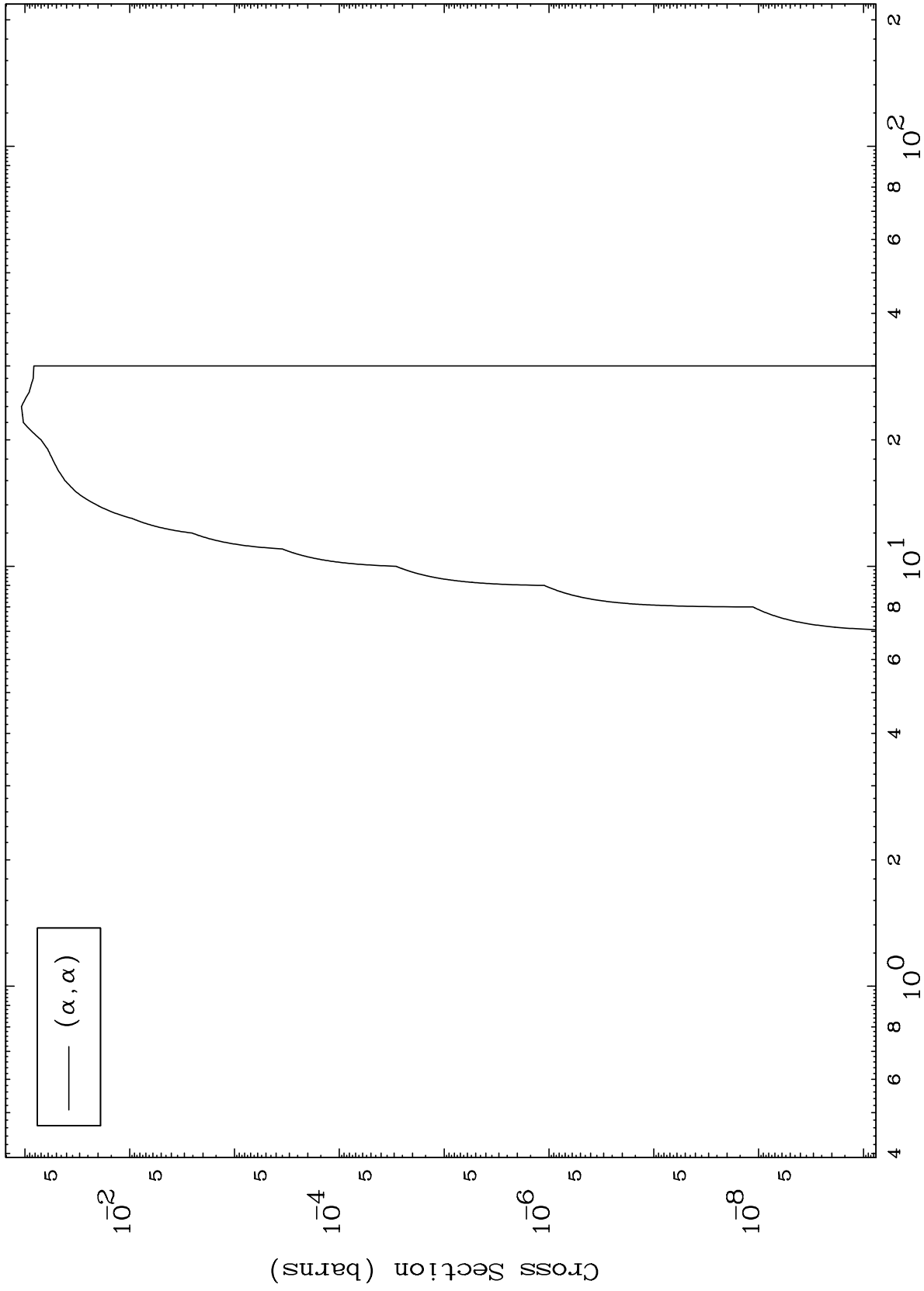
Incident Energy (MeV)

40-Zr-82

MAT 4001

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

40-Zr-82



10

Incident Energy (MeV)

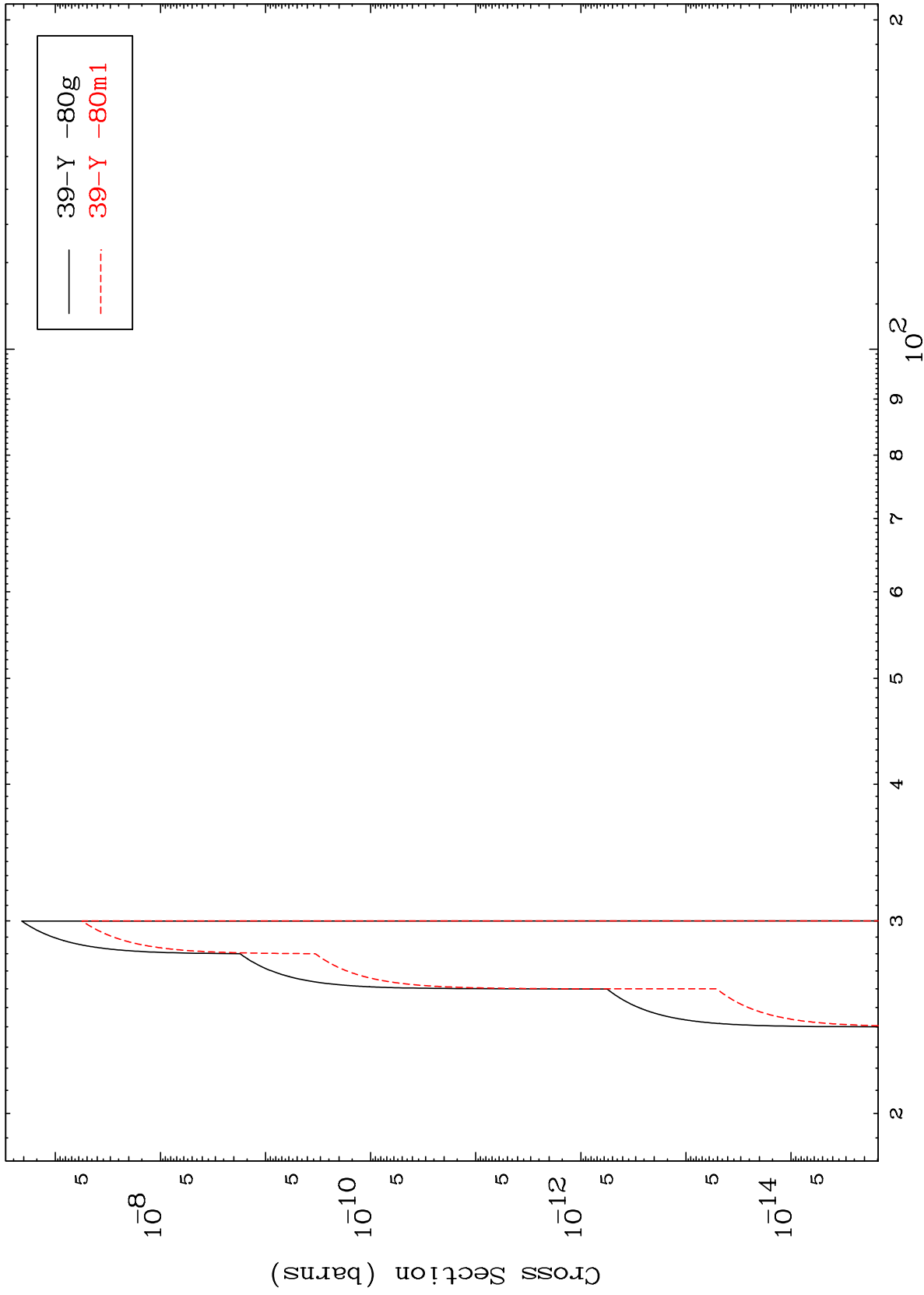
40-Zr-82

MAT 4001

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

40-Zr-82

Radionuclide Production Cross Section



11

Incident Energy (MeV)

40-Zr-82

