

Program EVALPLOT  
(Version 2018-1)

by

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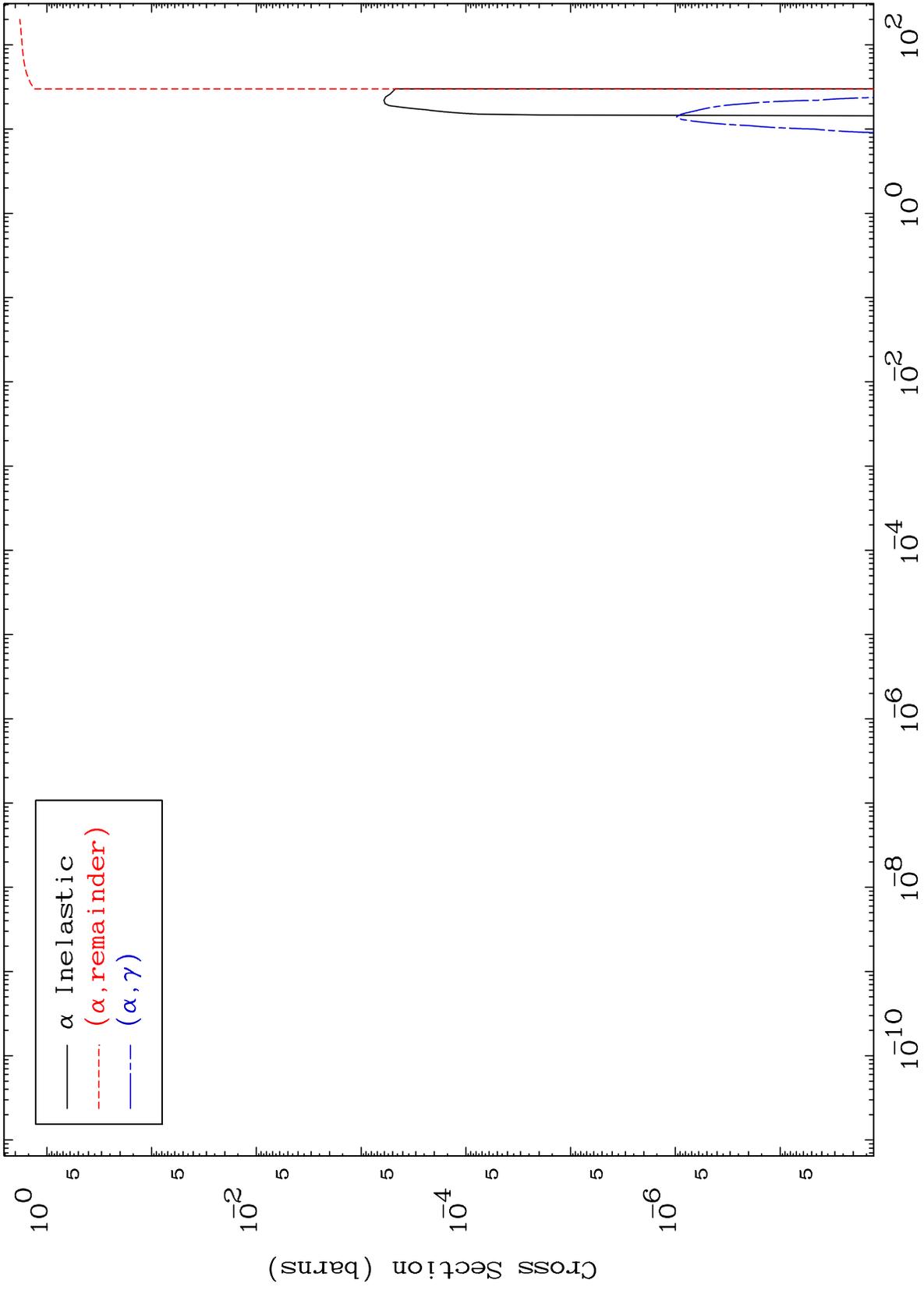
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3995

0 Kelvin  $\alpha$  Major  
Cross Sections

40-Zr-80



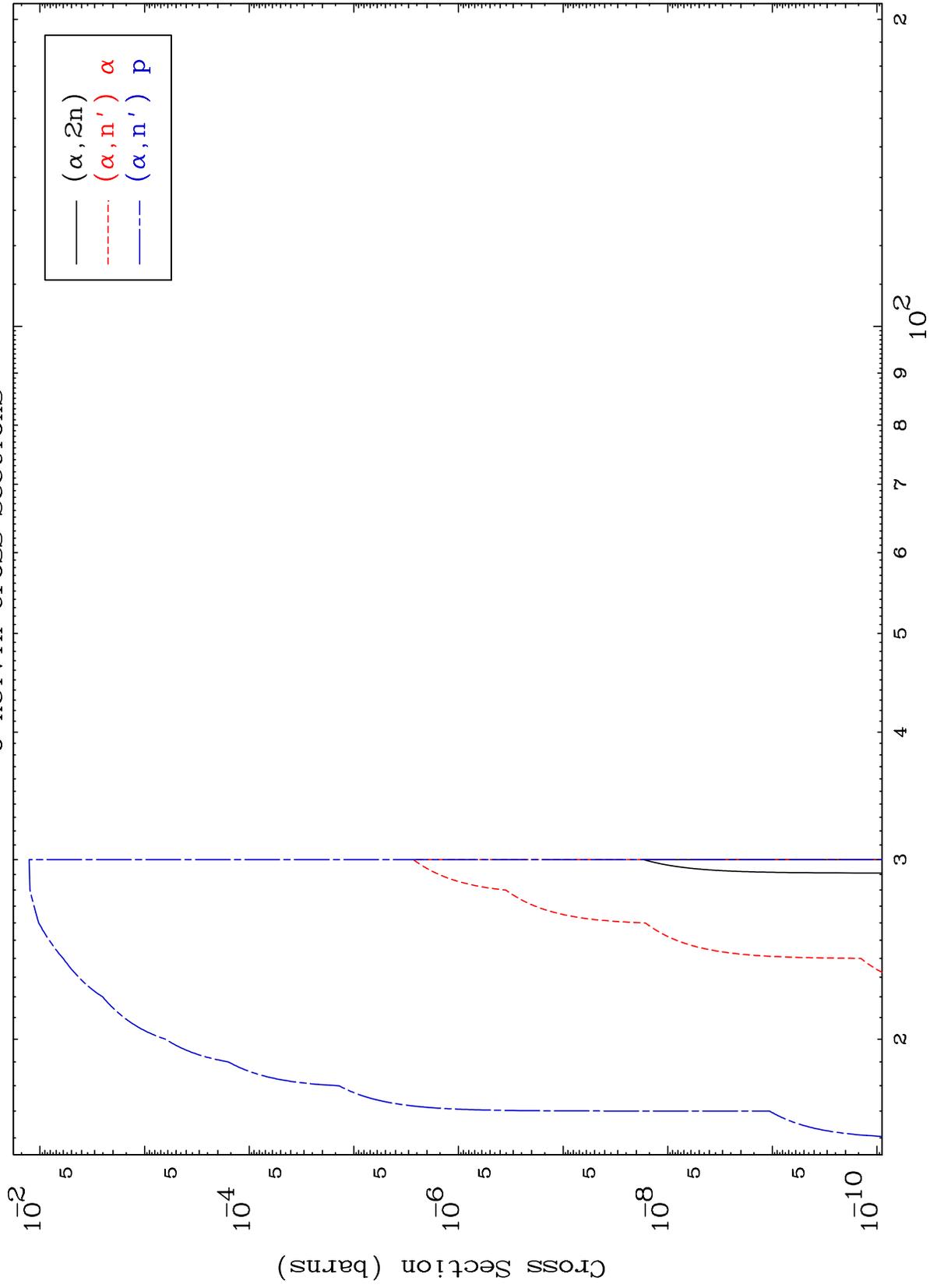
40-Zr-80

Incident Energy (MeV)

MAT 3995

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

40-Zr-80



2

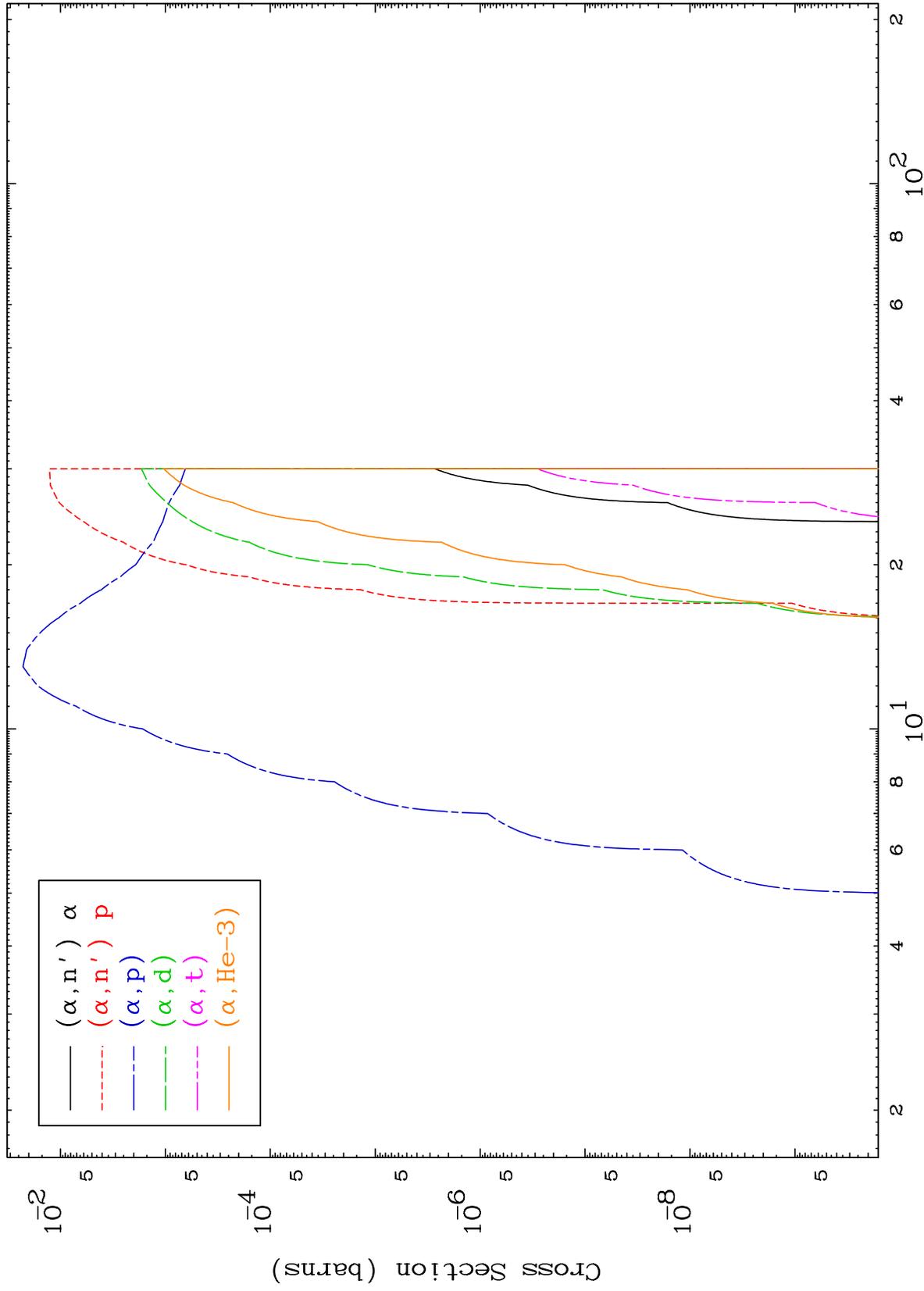
Incident Energy (MeV)

40-Zr-80

MAT 3995

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

40-Zr-80



3

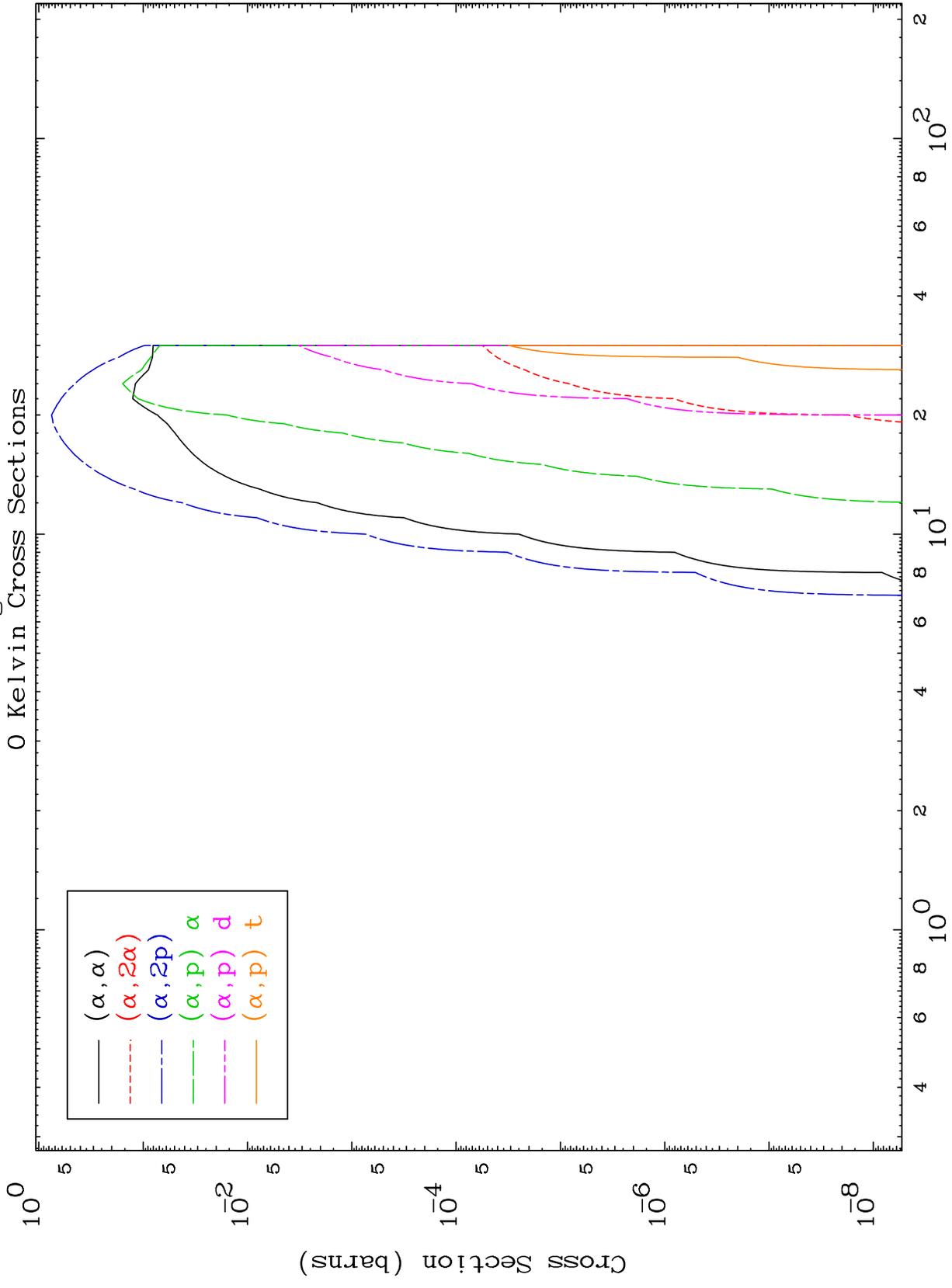
Incident Energy (MeV)

40-Zr-80

MAT 3995

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

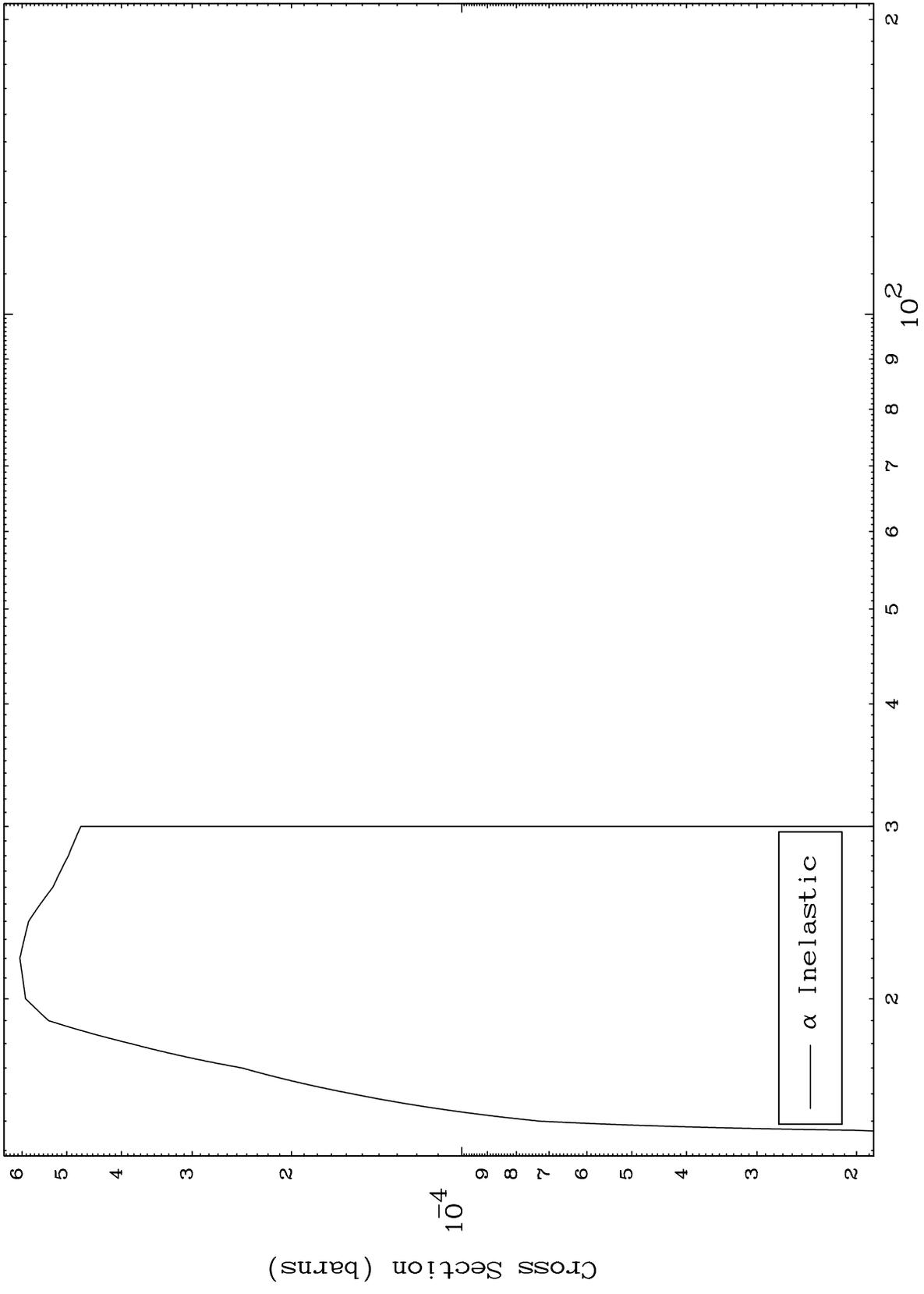
40-Zr-80



MAT 3995

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

40-Zr-80



5

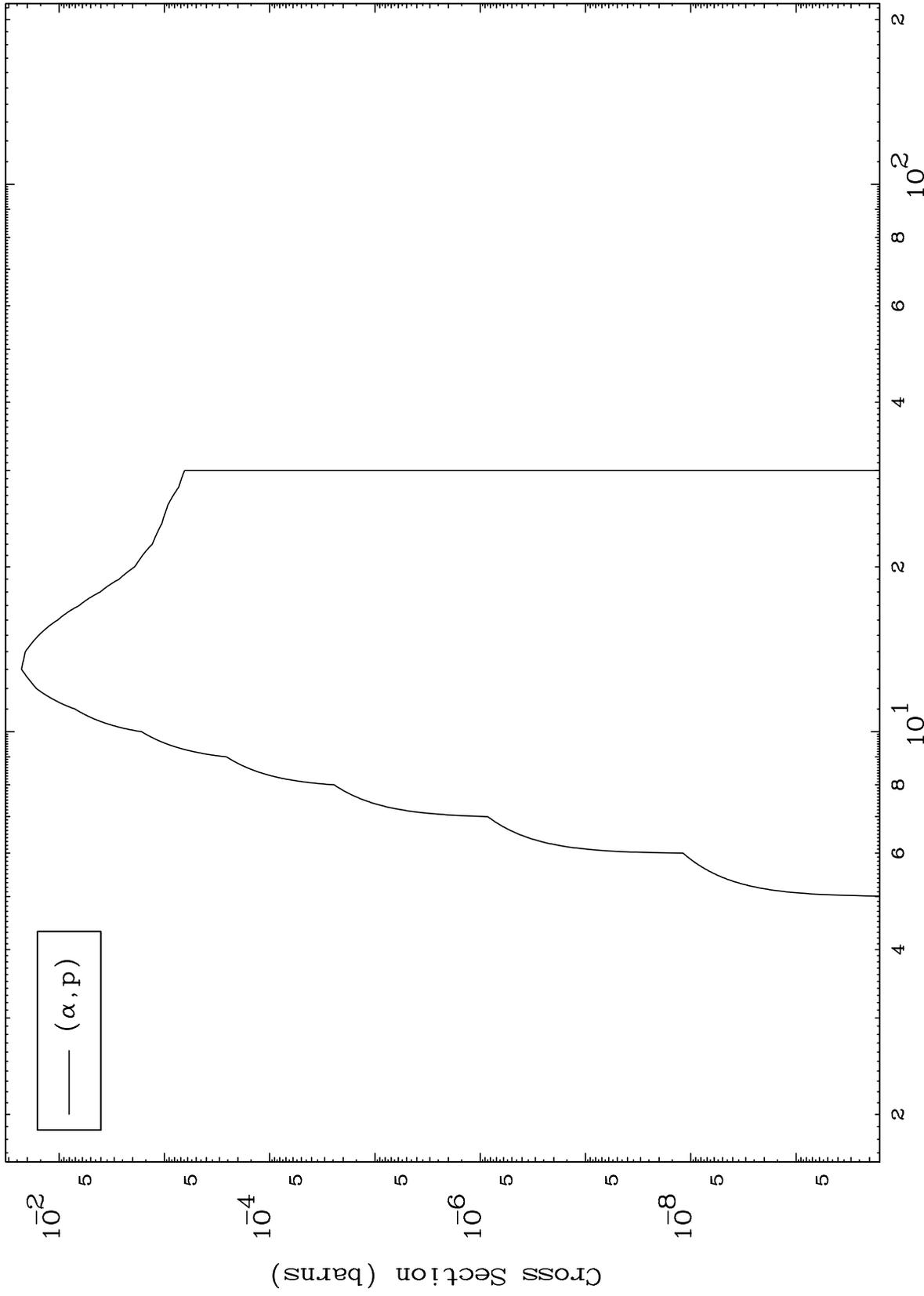
Incident Energy (MeV)

40-Zr-80

MAT 3995

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

40-Zr-80



6

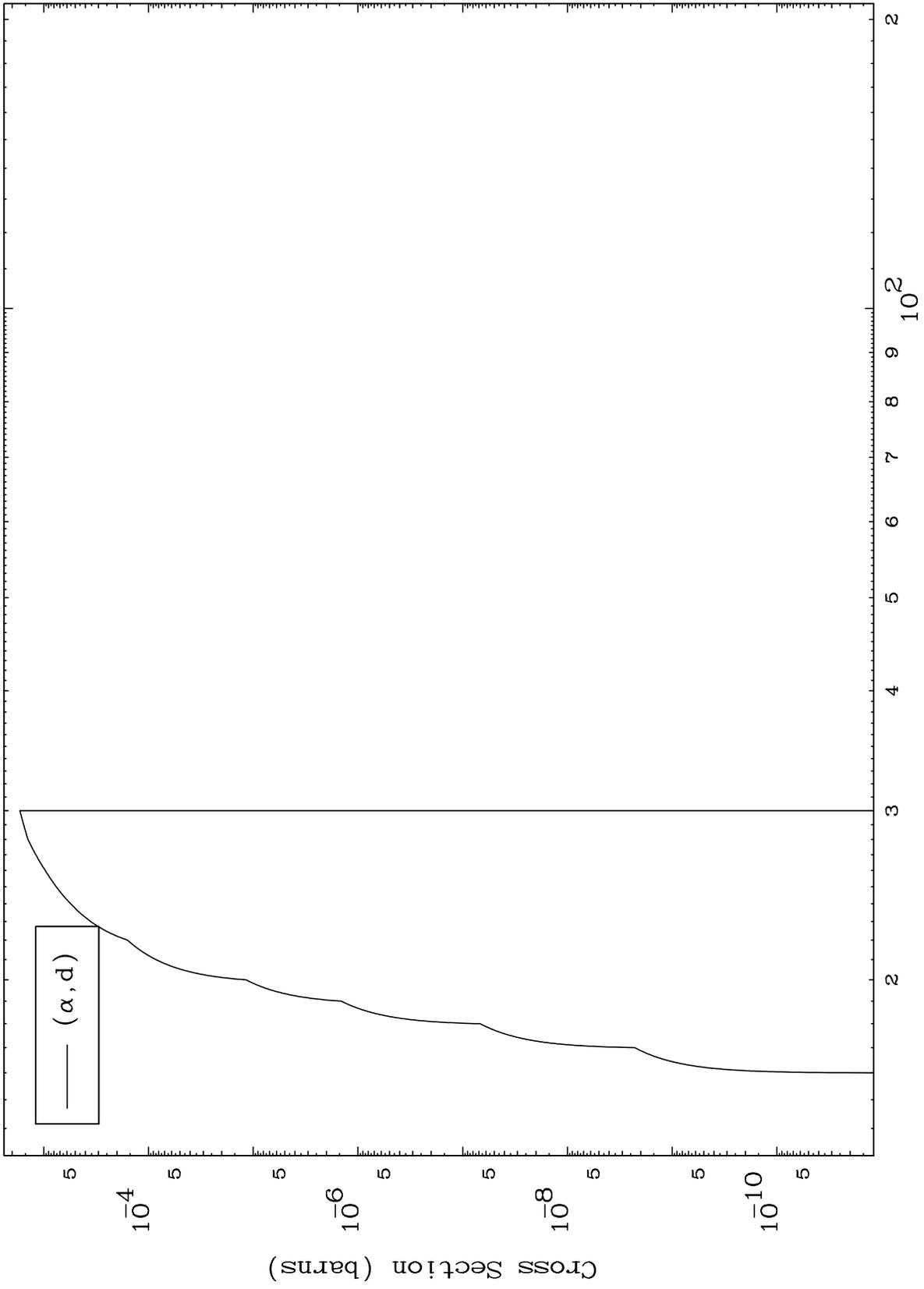
Incident Energy (MeV)

40-Zr-80

MAT 3995

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

40-Zr-80



7

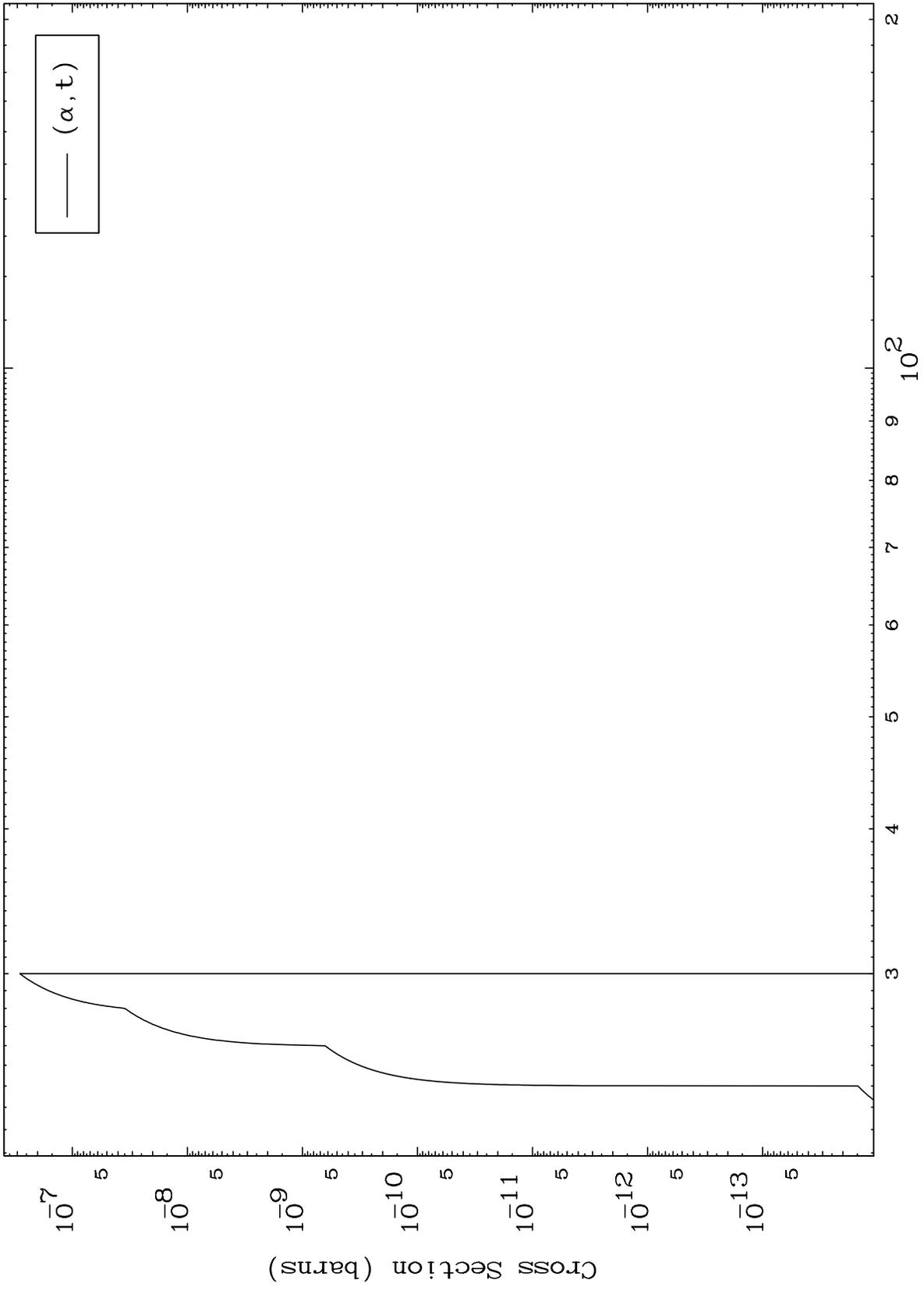
Incident Energy (MeV)

40-Zr-80

MAT 3995

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

40-Zr-80



8

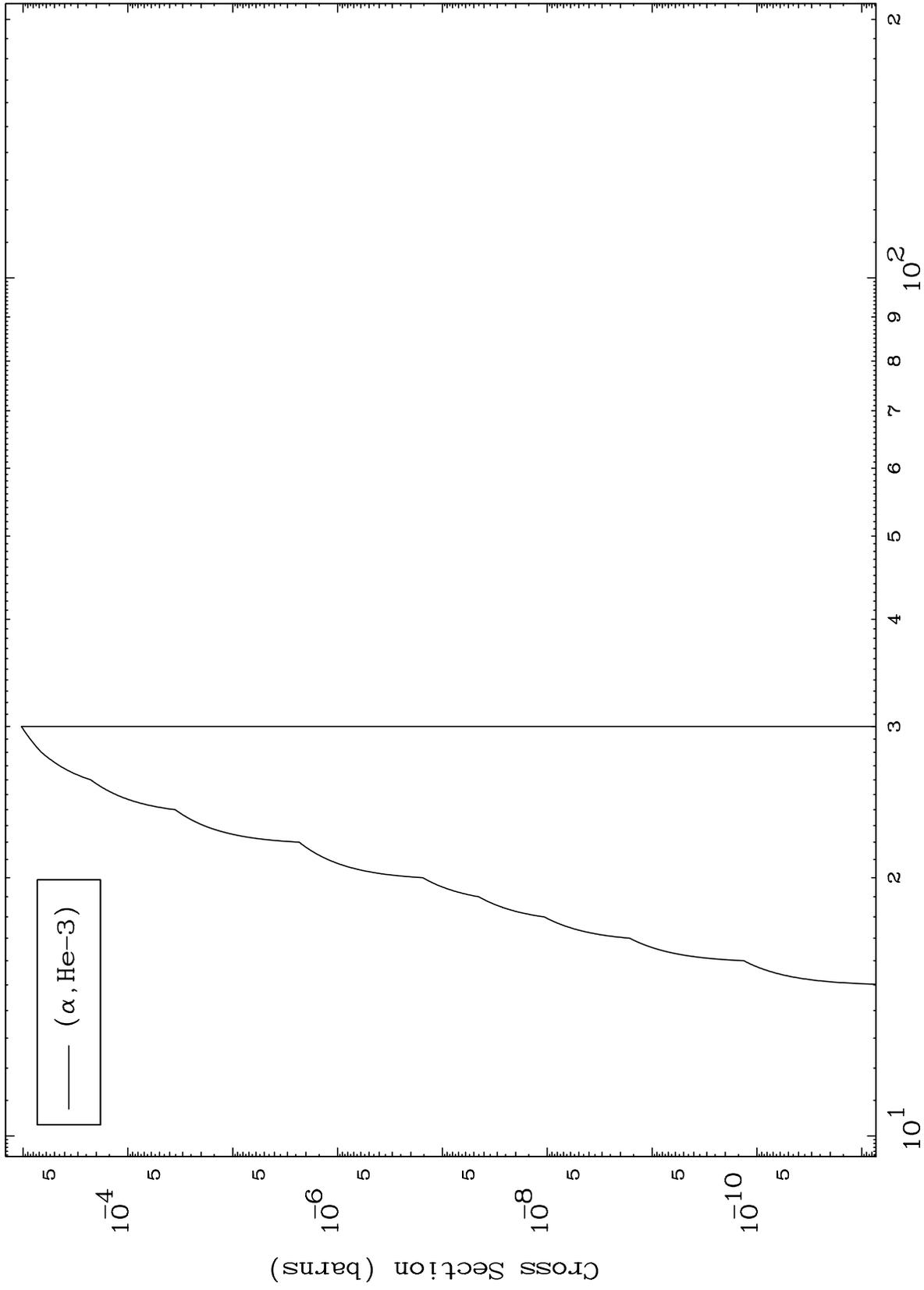
Incident Energy (MeV)

40-Zr-80

MAT 3995

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

40-Zr-80



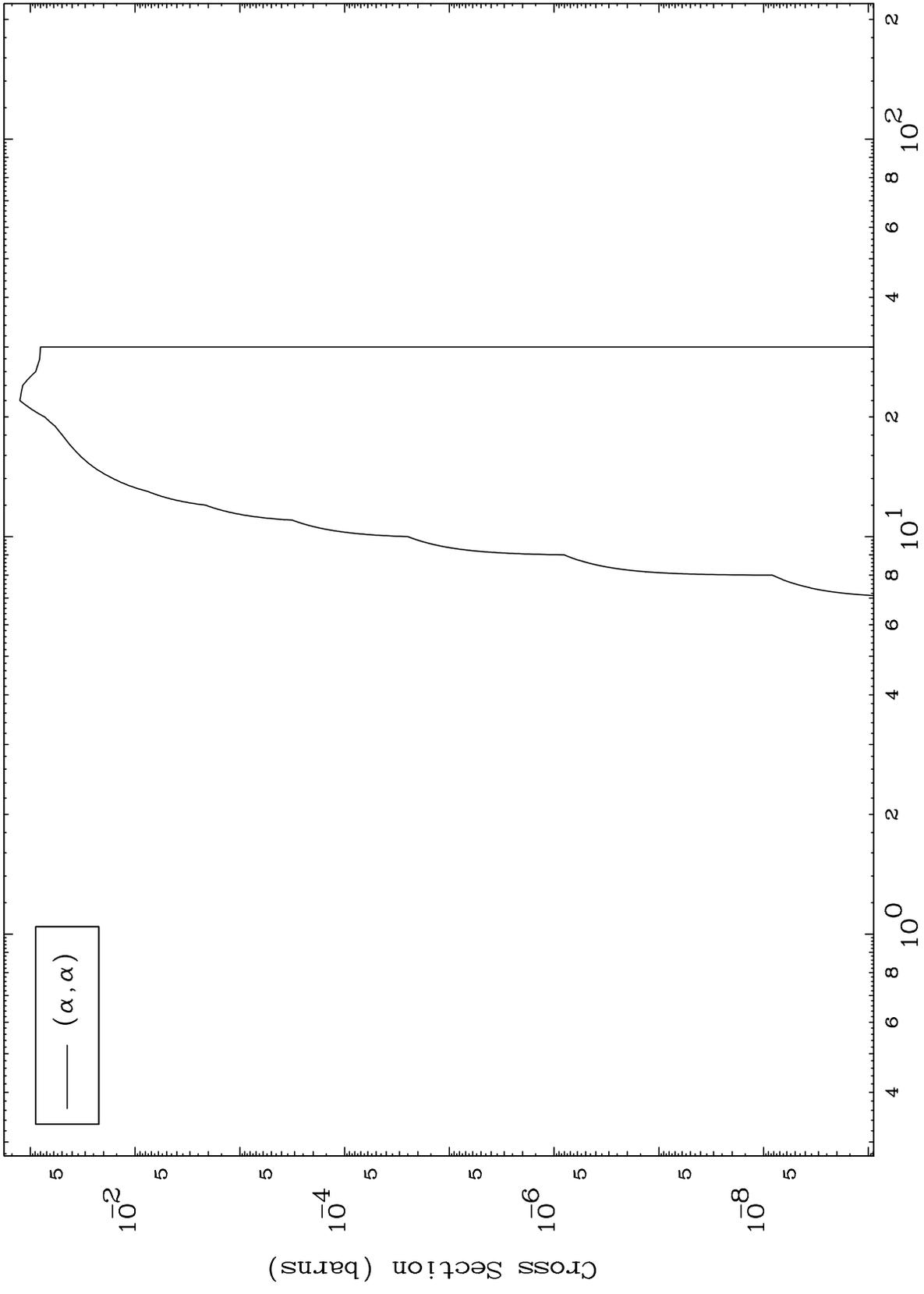
Incident Energy (MeV)

40-Zr-80

MAT 3995

40-Zr-80

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



10

Incident Energy (MeV)

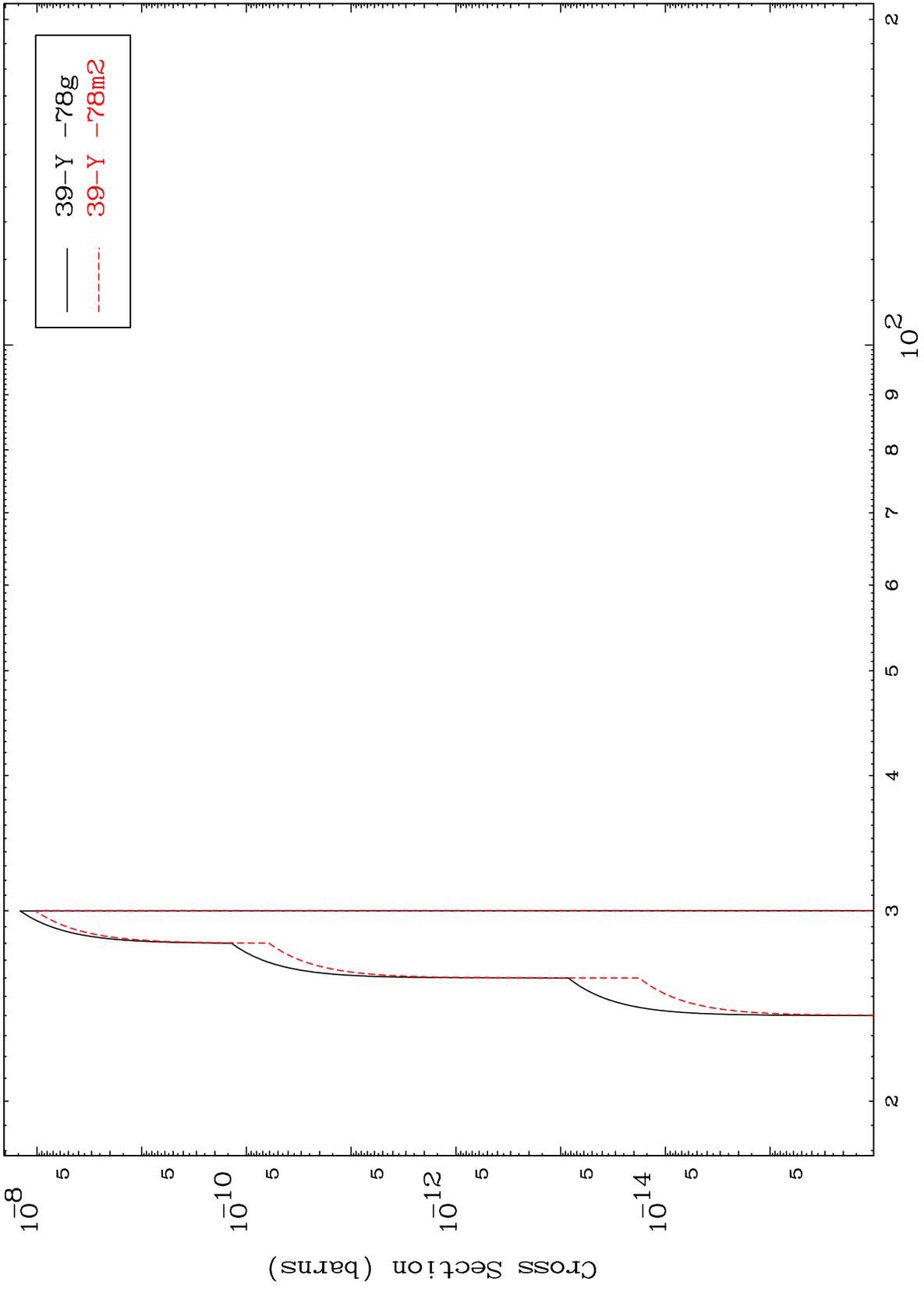
40-Zr-80

MAT 3995

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

40-Zr-80

Radionuclide Production Cross Section



11

Incident Energy (MeV)

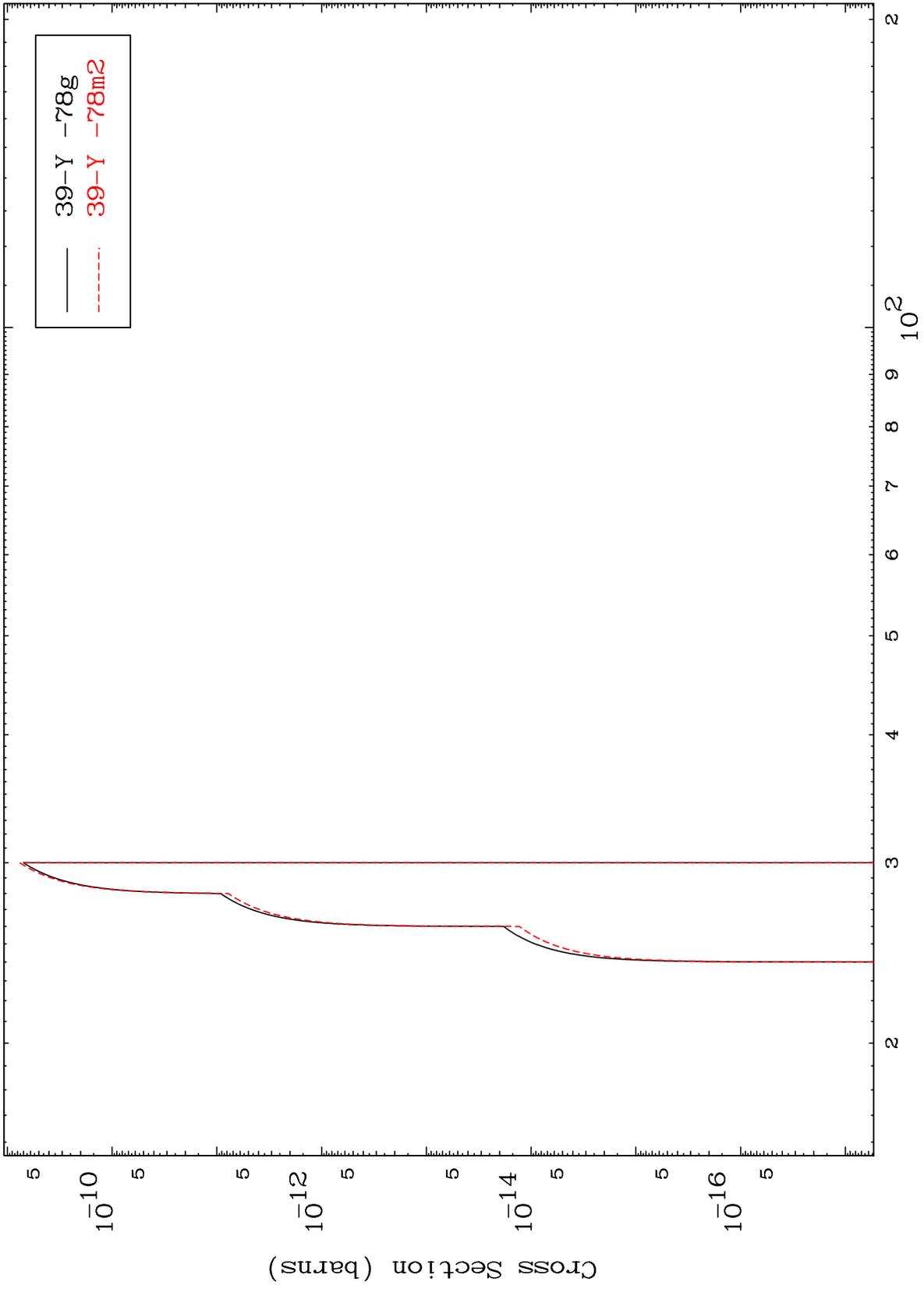
40-Zr-80

MAT 3995

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

40-Zr-80

Radionuclide Production Cross Section



12

Incident Energy (MeV)

40-Zr-80