

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

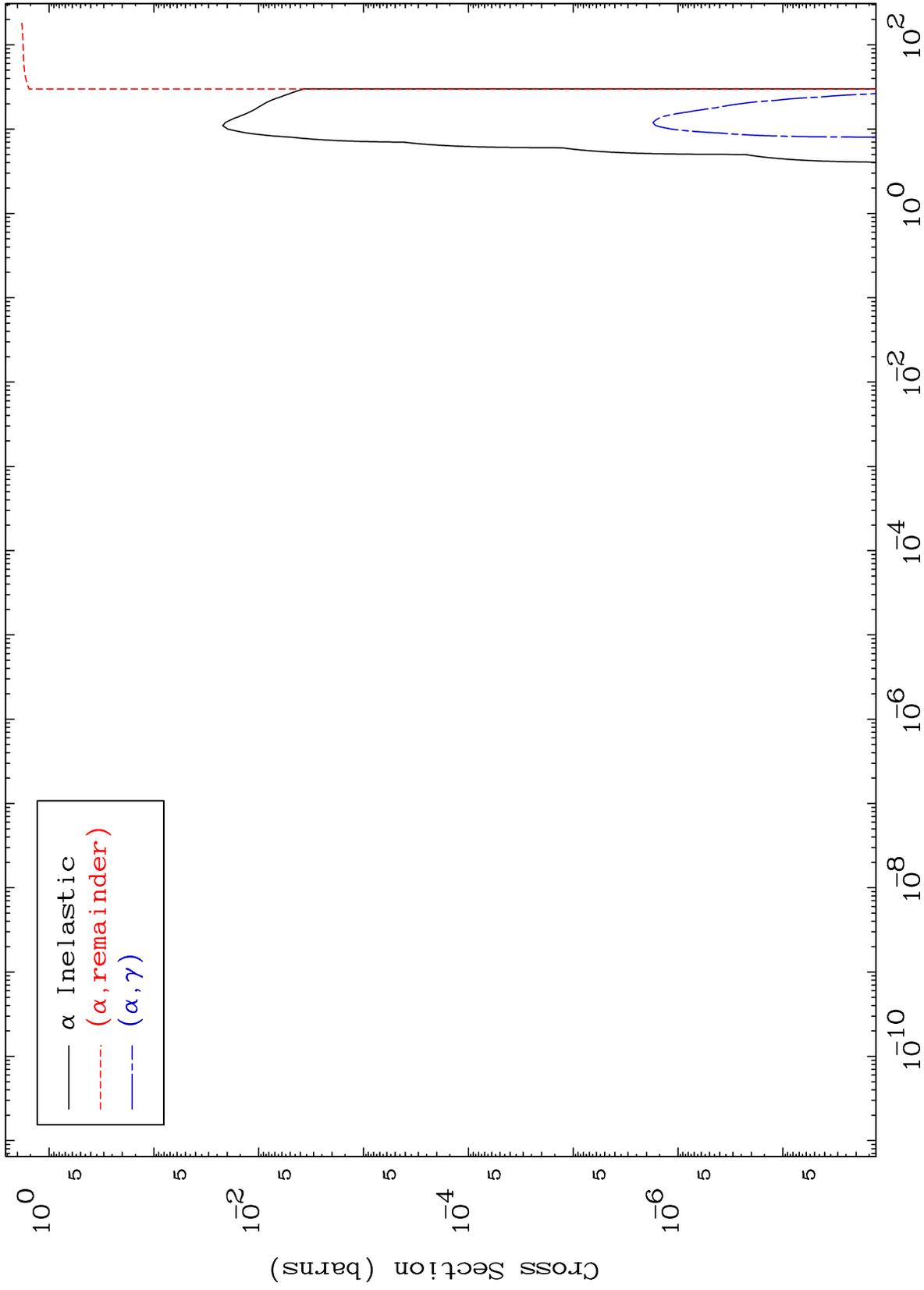
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3255

0 Kelvin  $\alpha$  Major  
Cross Sections

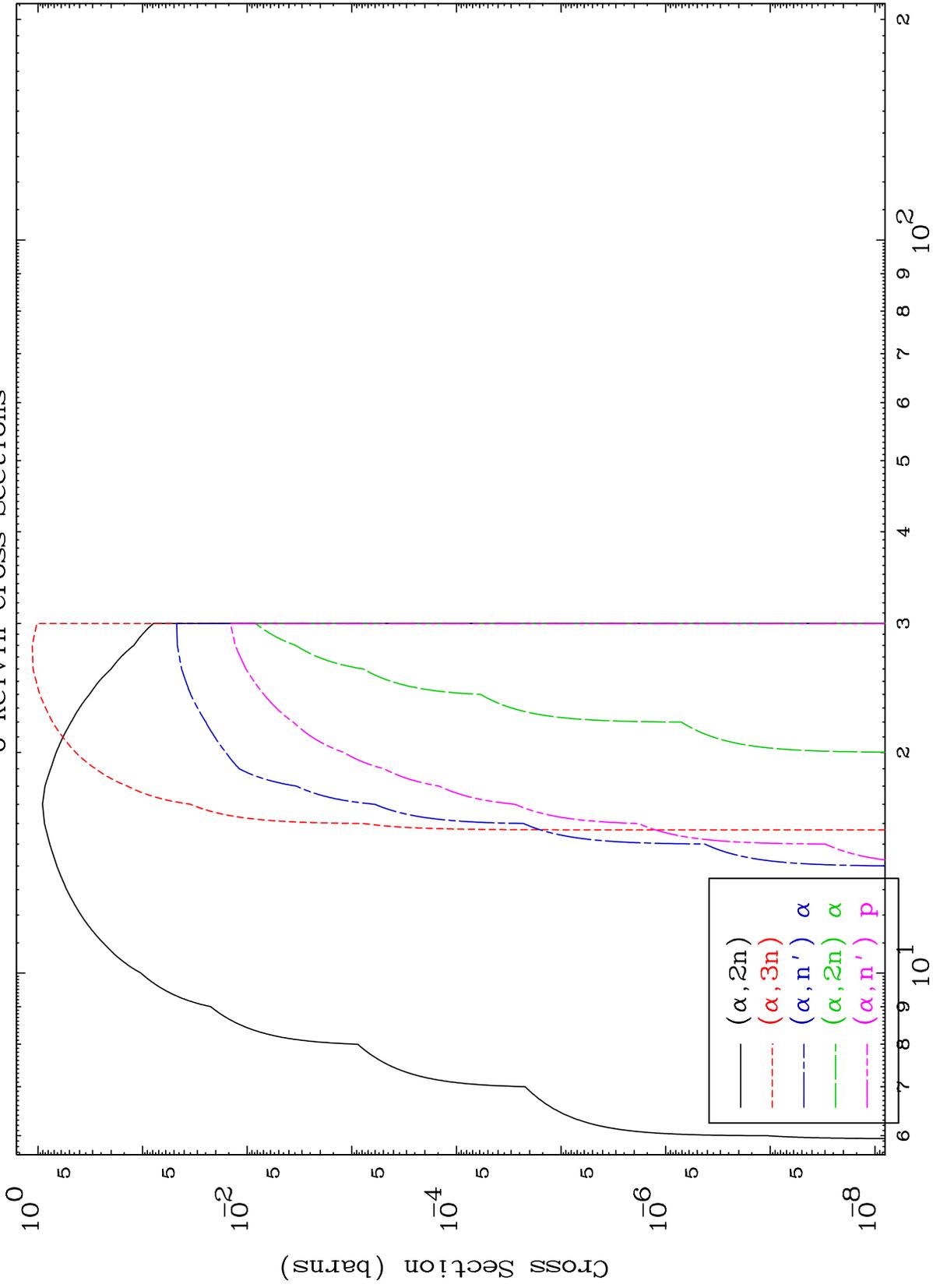
32-Ge-80



MAT 3255

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

32-Ge-80



2

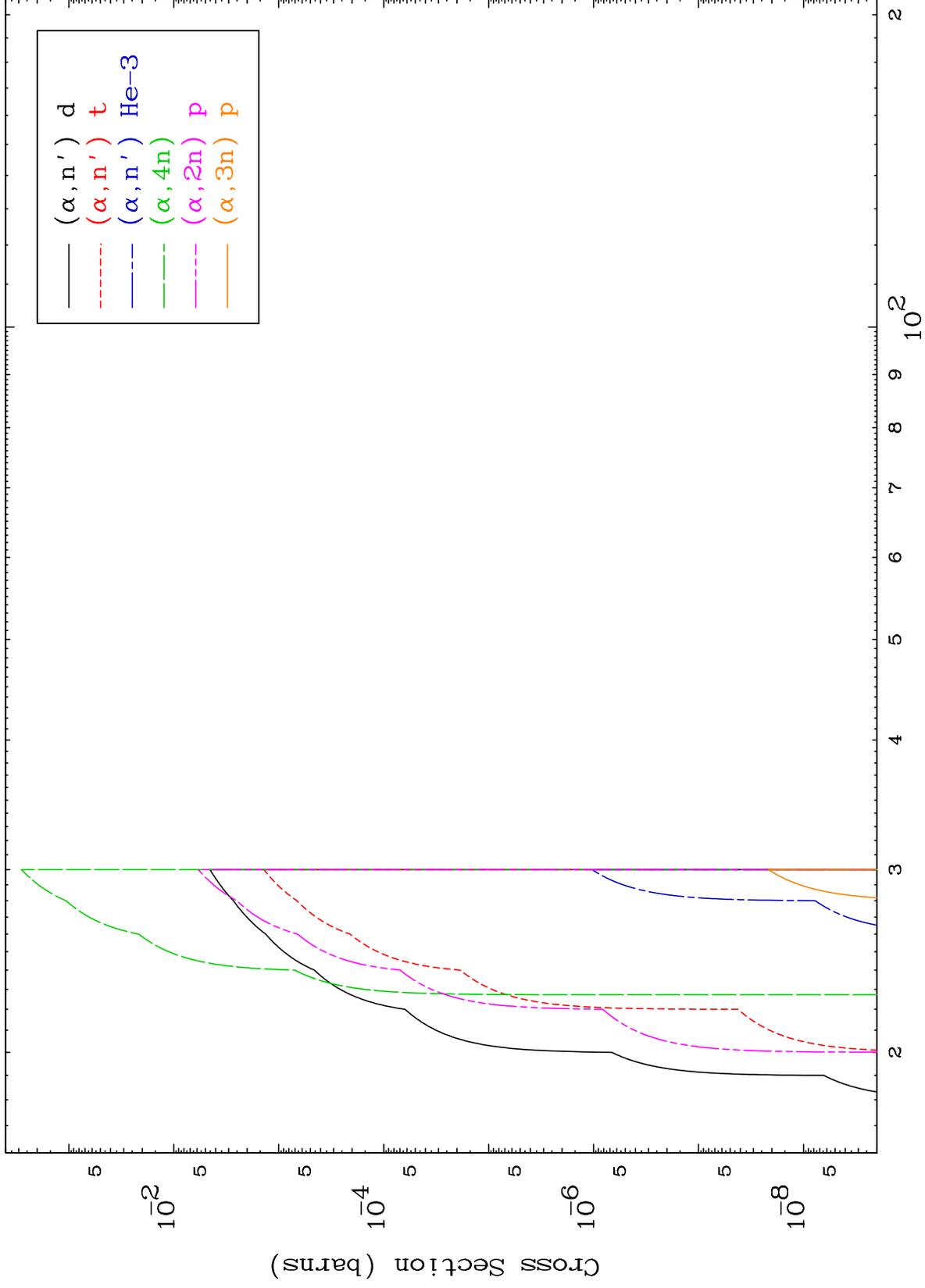
Incident Energy (MeV)

32-Ge-80

MAT 3255

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

32-Ge-80



3

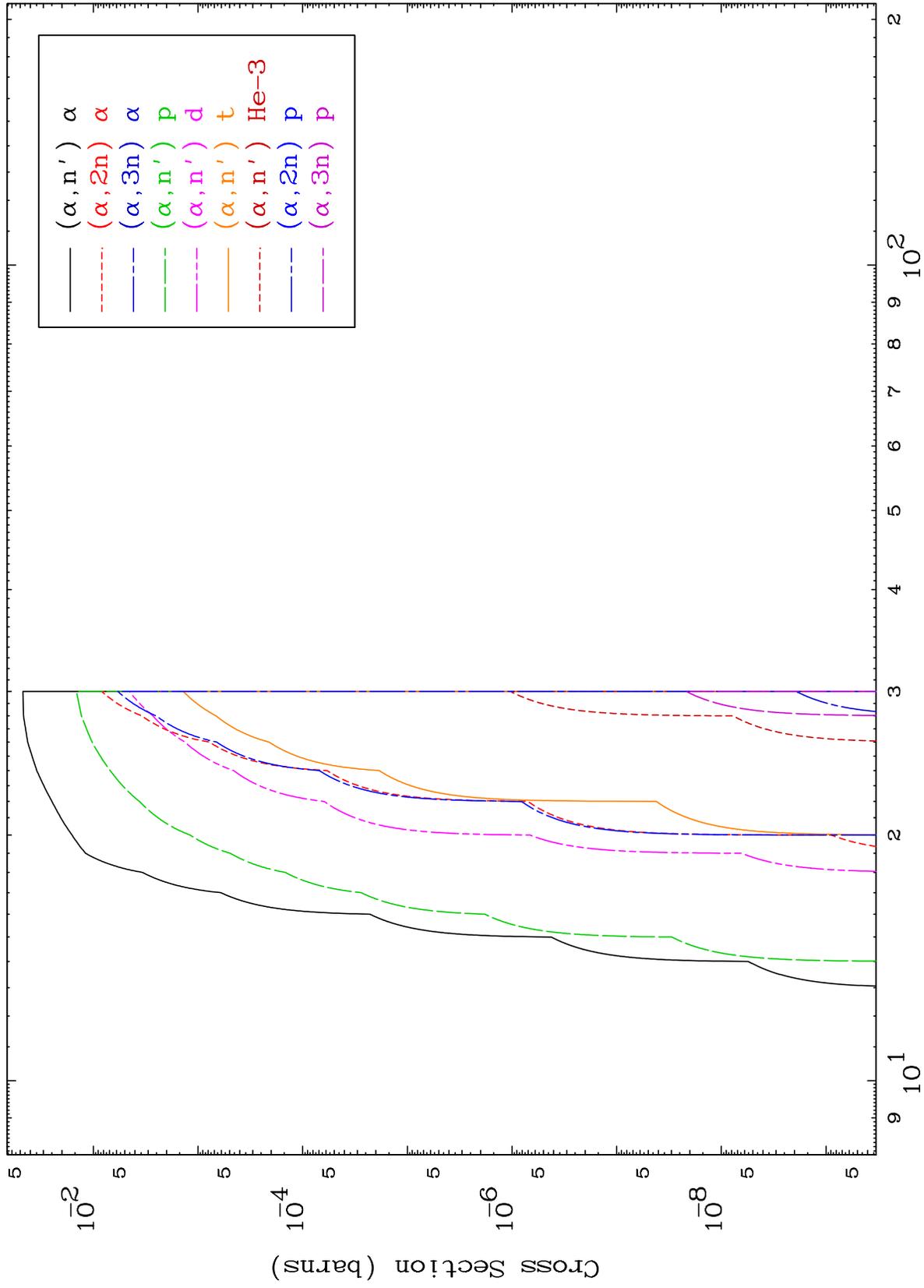
Incident Energy (MeV)

32-Ge-80

MAT 3255

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

32-Ge-80



4

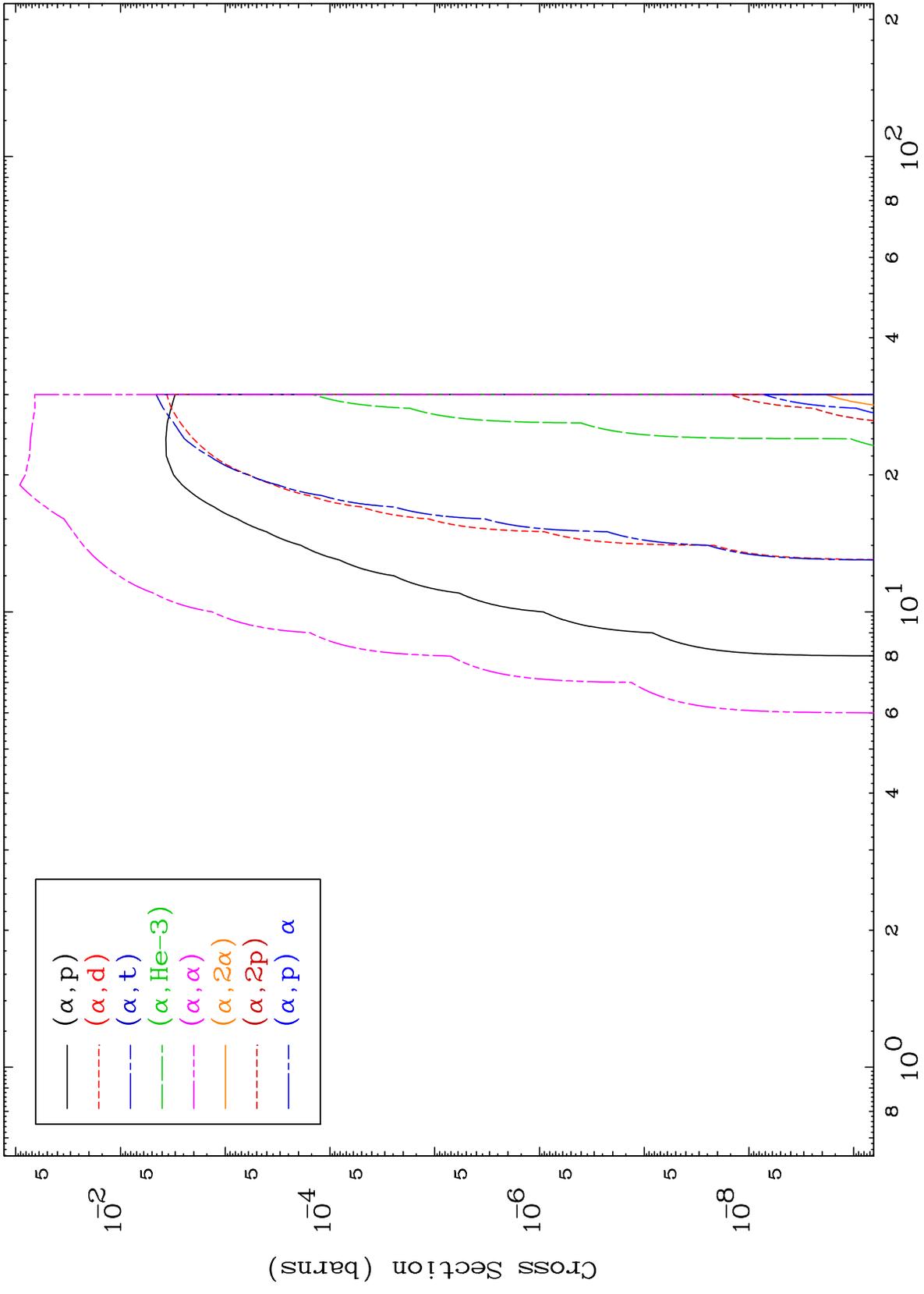
Incident Energy (MeV)

32-Ge-80

MAT 3255

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

32-Ge-80



5

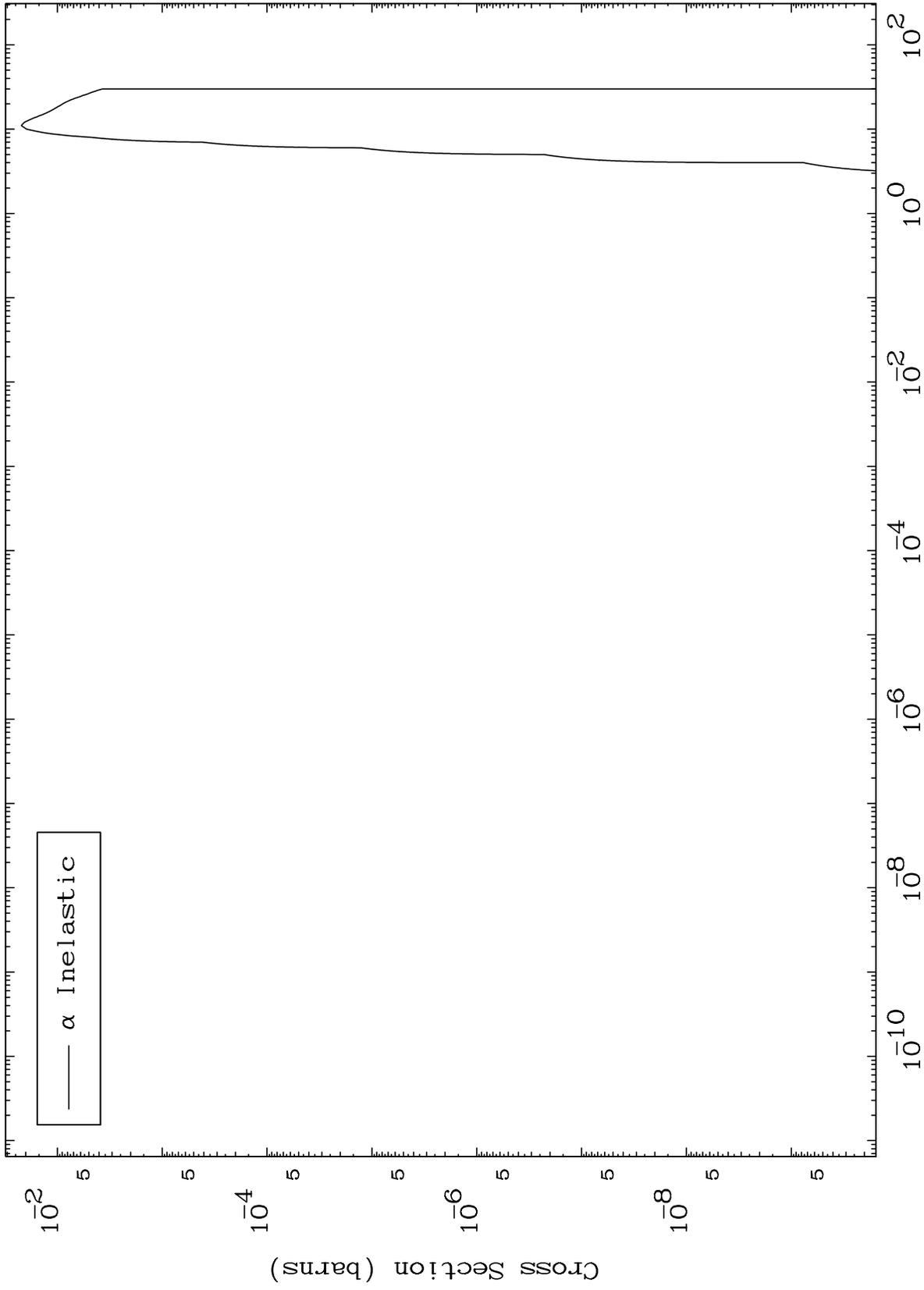
Incident Energy (MeV)

32-Ge-80

MAT 3255

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

32-Ge-80



6

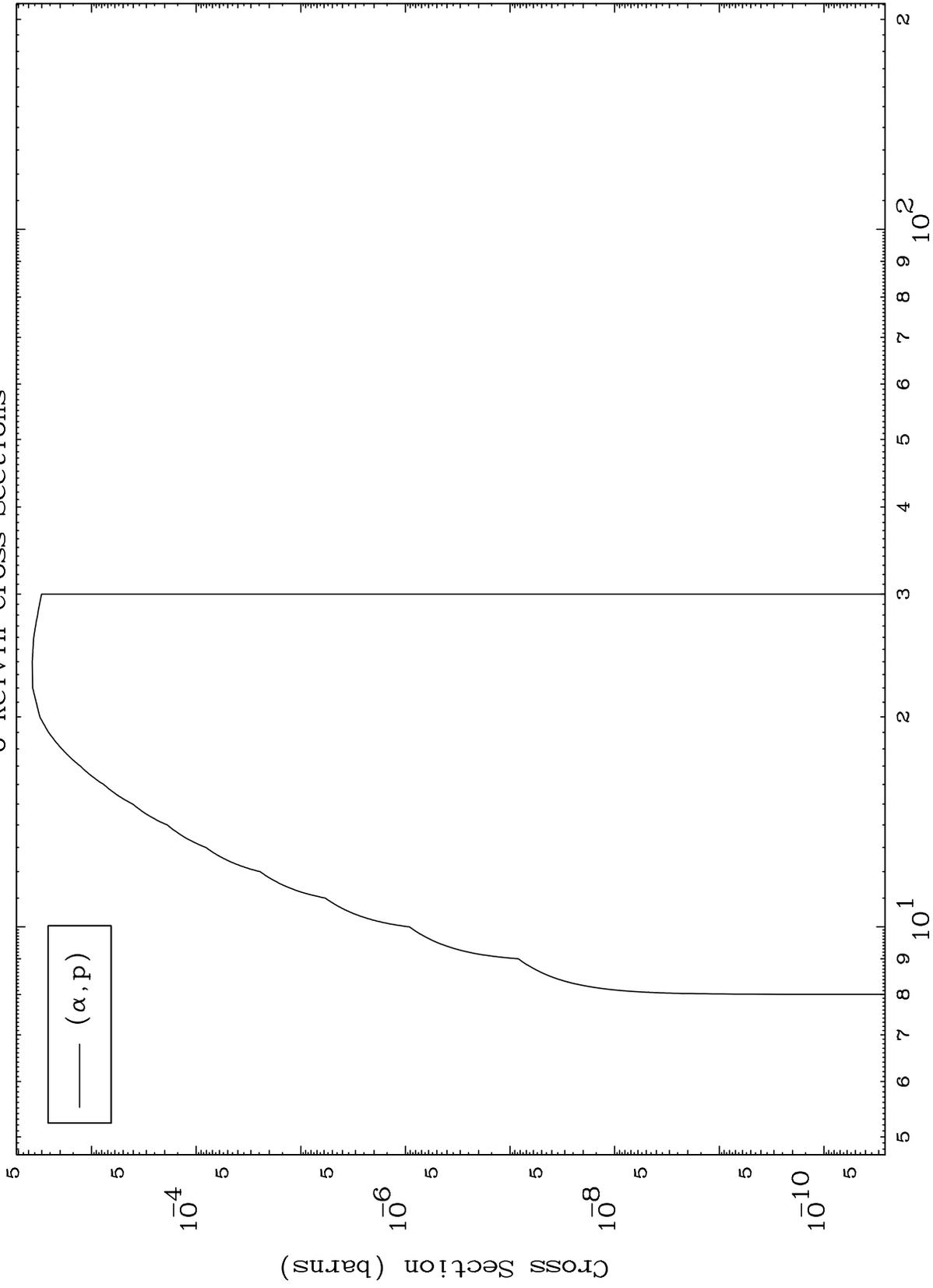
Incident Energy (MeV)

32-Ge-80

MAT 3255

32-Ge-80

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



32-Ge-80

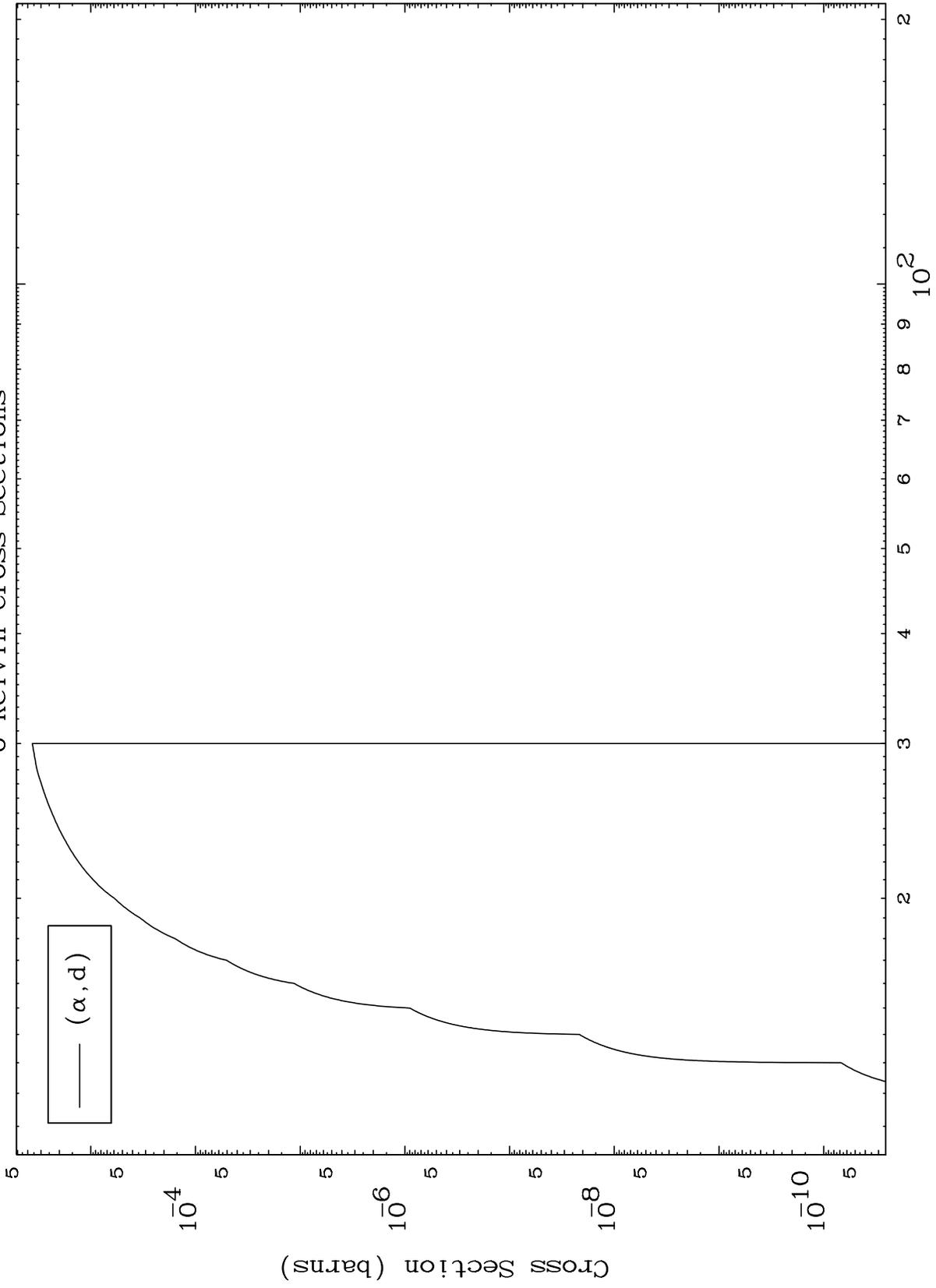
Incident Energy (MeV)

7

MAT 3255

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

32-Ge-80



8

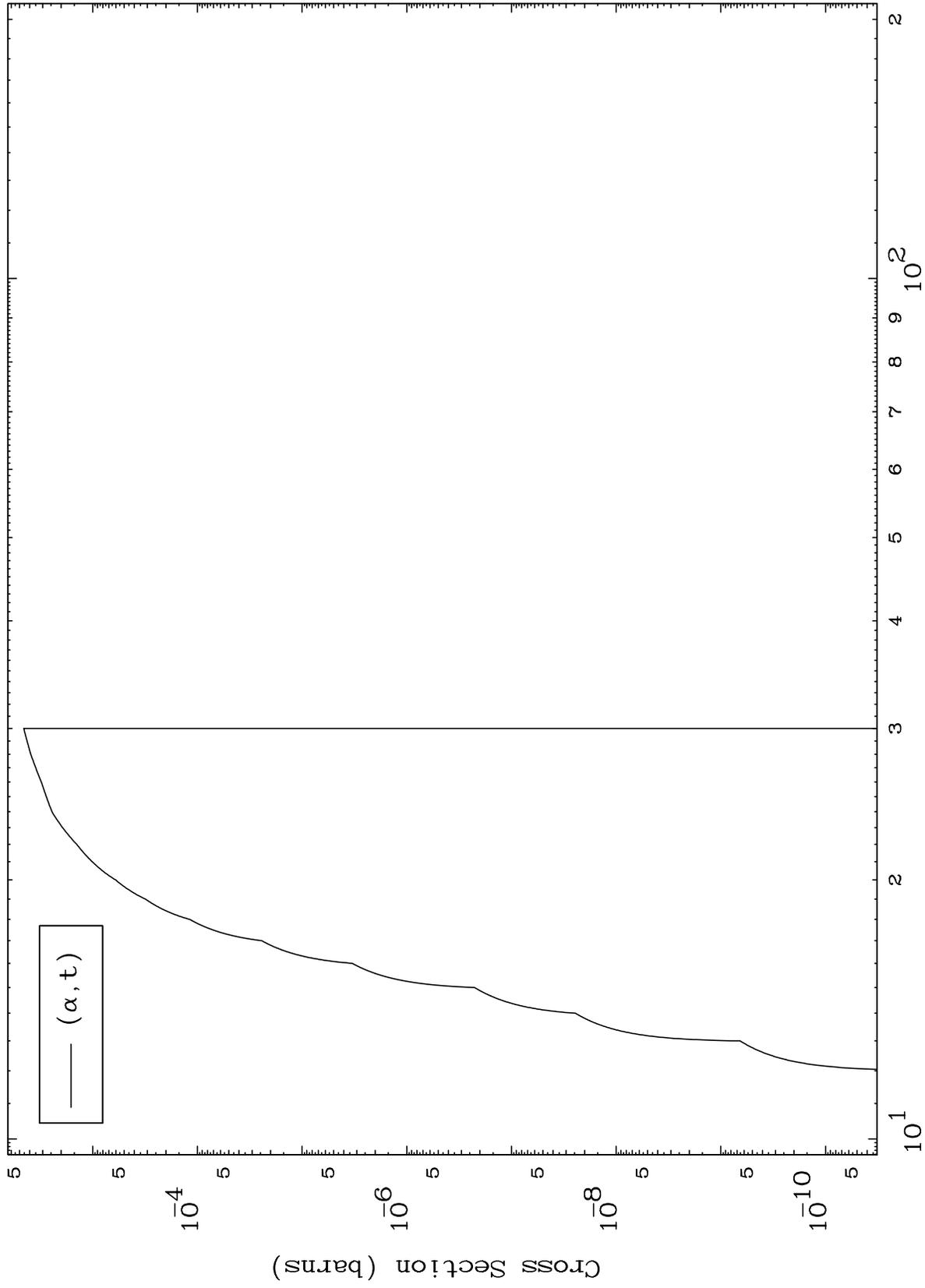
Incident Energy (MeV)

32-Ge-80

MAT 3255

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

32-Ge-80



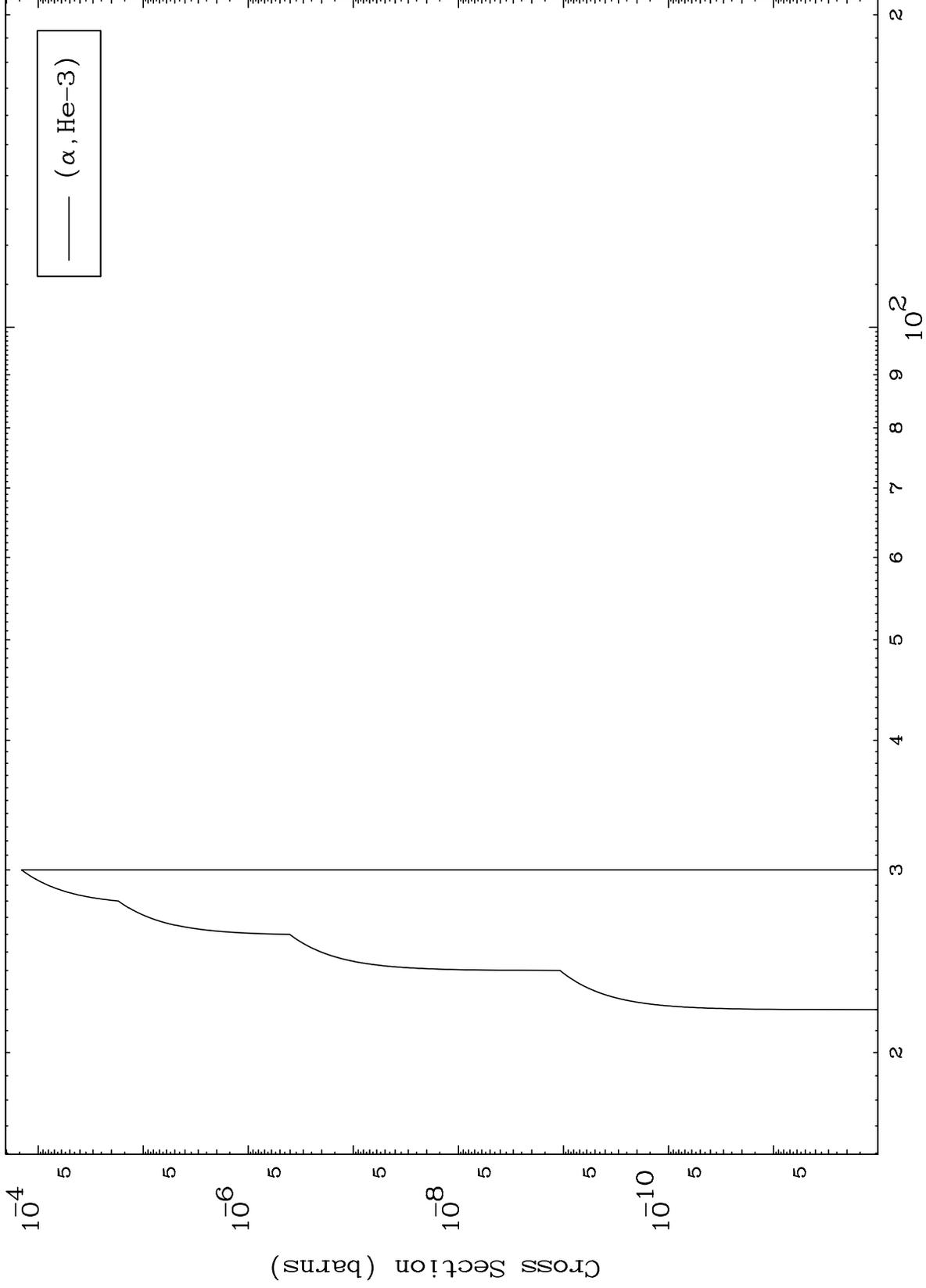
Incident Energy (MeV)

32-Ge-80

MAT 3255

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

32-Ge-80



10

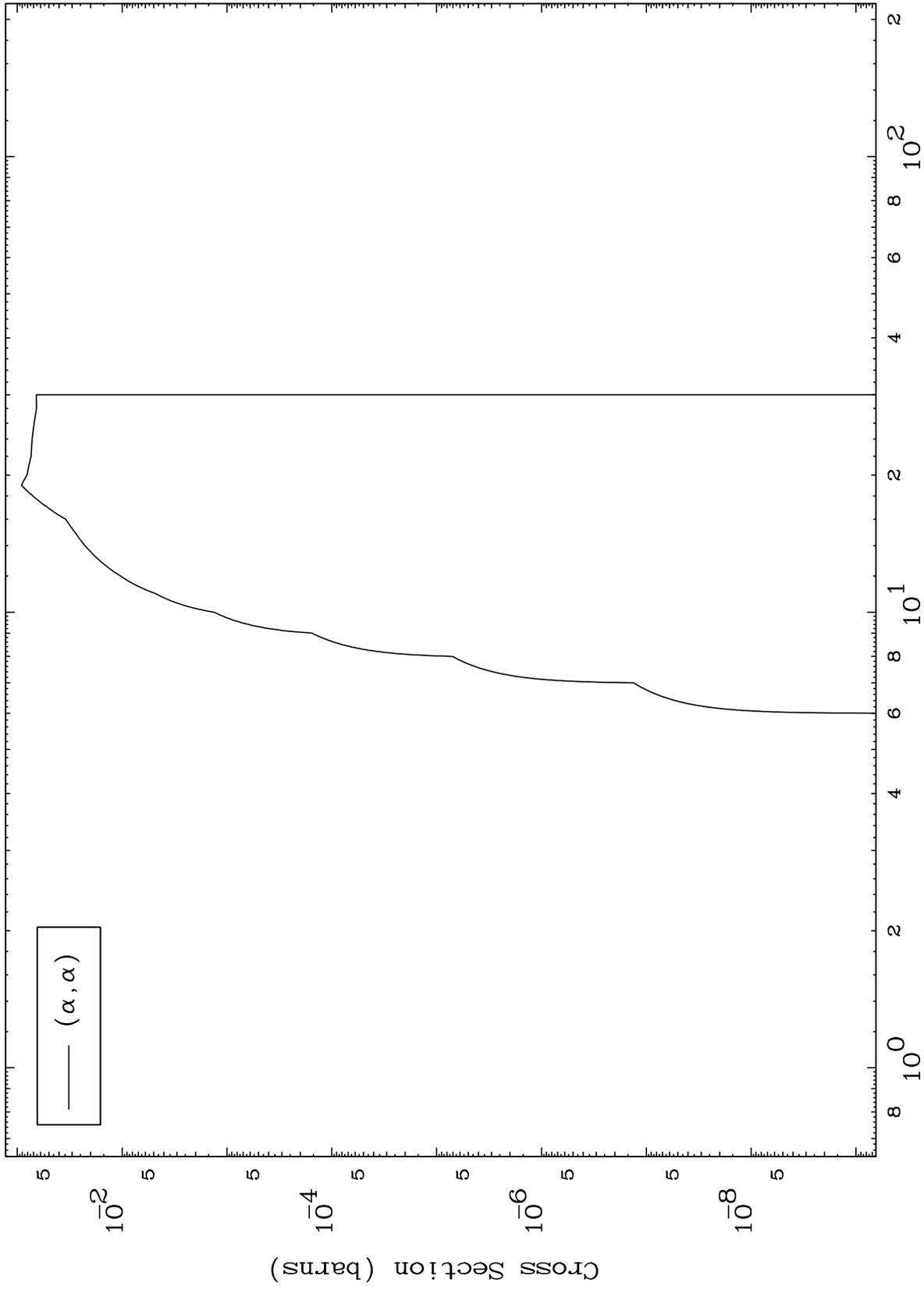
Incident Energy (MeV)

32-Ge-80

MAT 3255

32-Ge-80

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



11

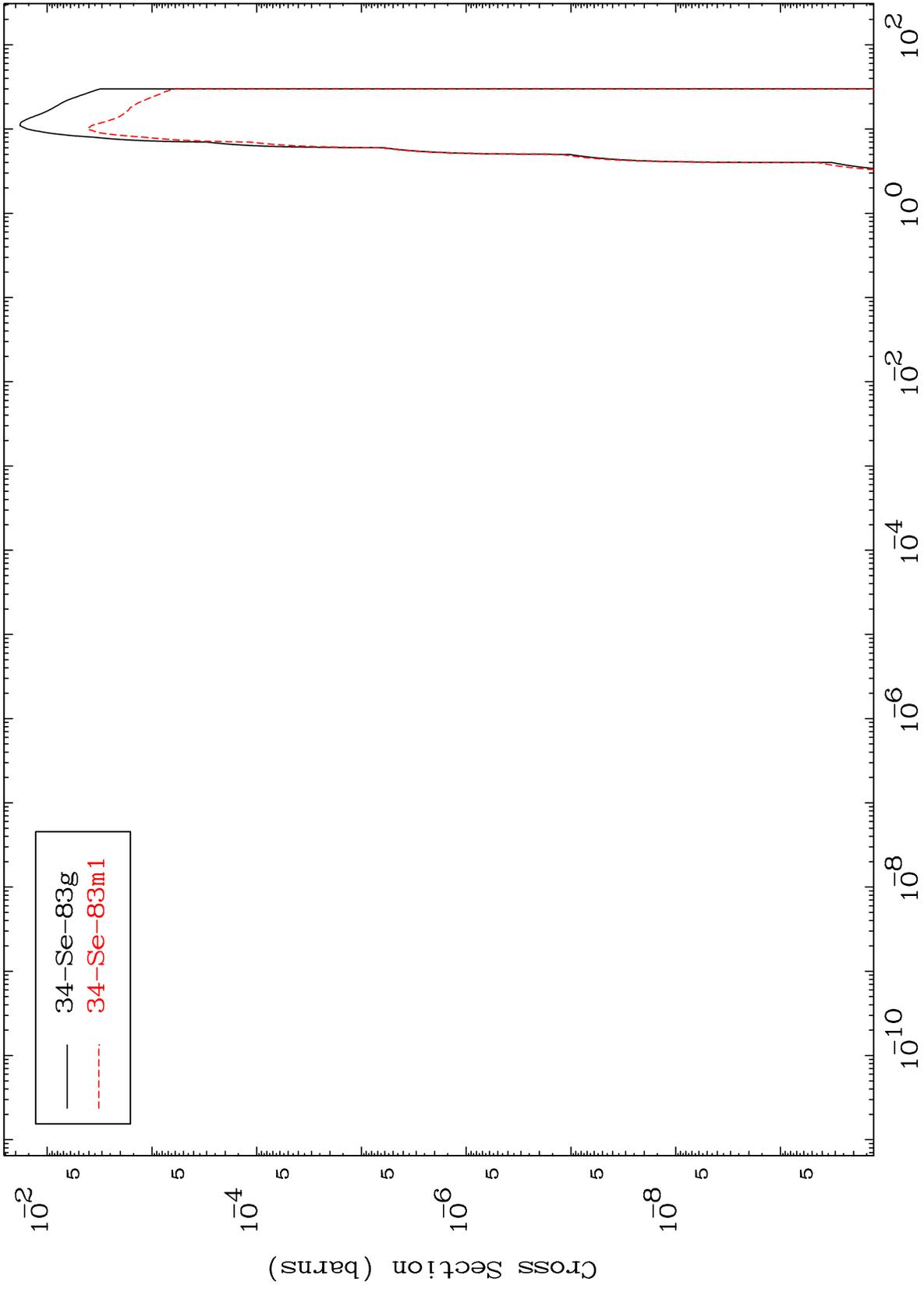
Incident Energy (MeV)

32-Ge-80

MAT 3255

$\alpha$  Inelastic  
Radionuclide Production Cross Section

32-Ge-80

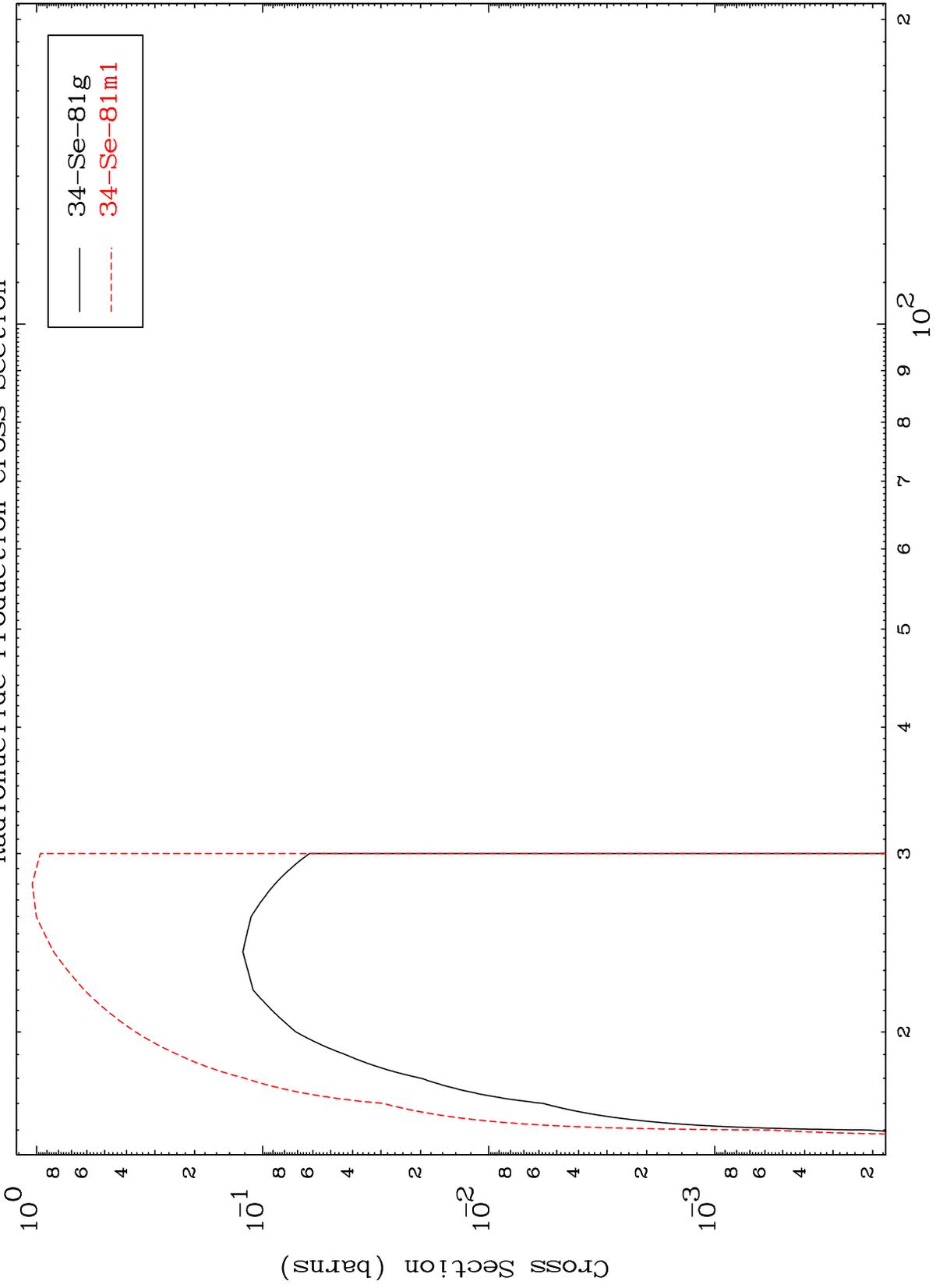


32-Ge-80

MAT 3255

32-Ge-80

( $\alpha, 3n$ )  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

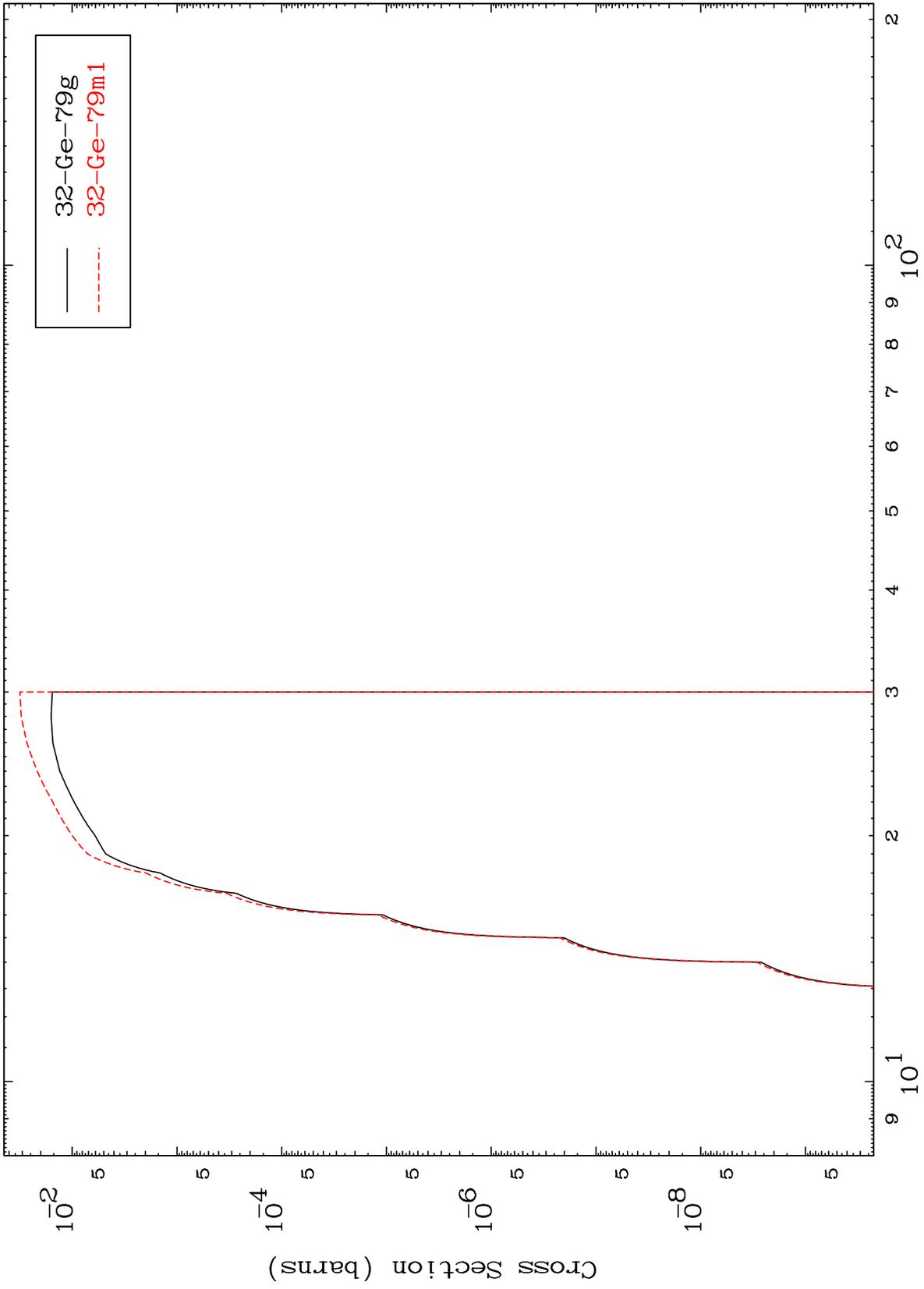
32-Ge-80

MAT 3255

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

$^{32}\text{Ge-80}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

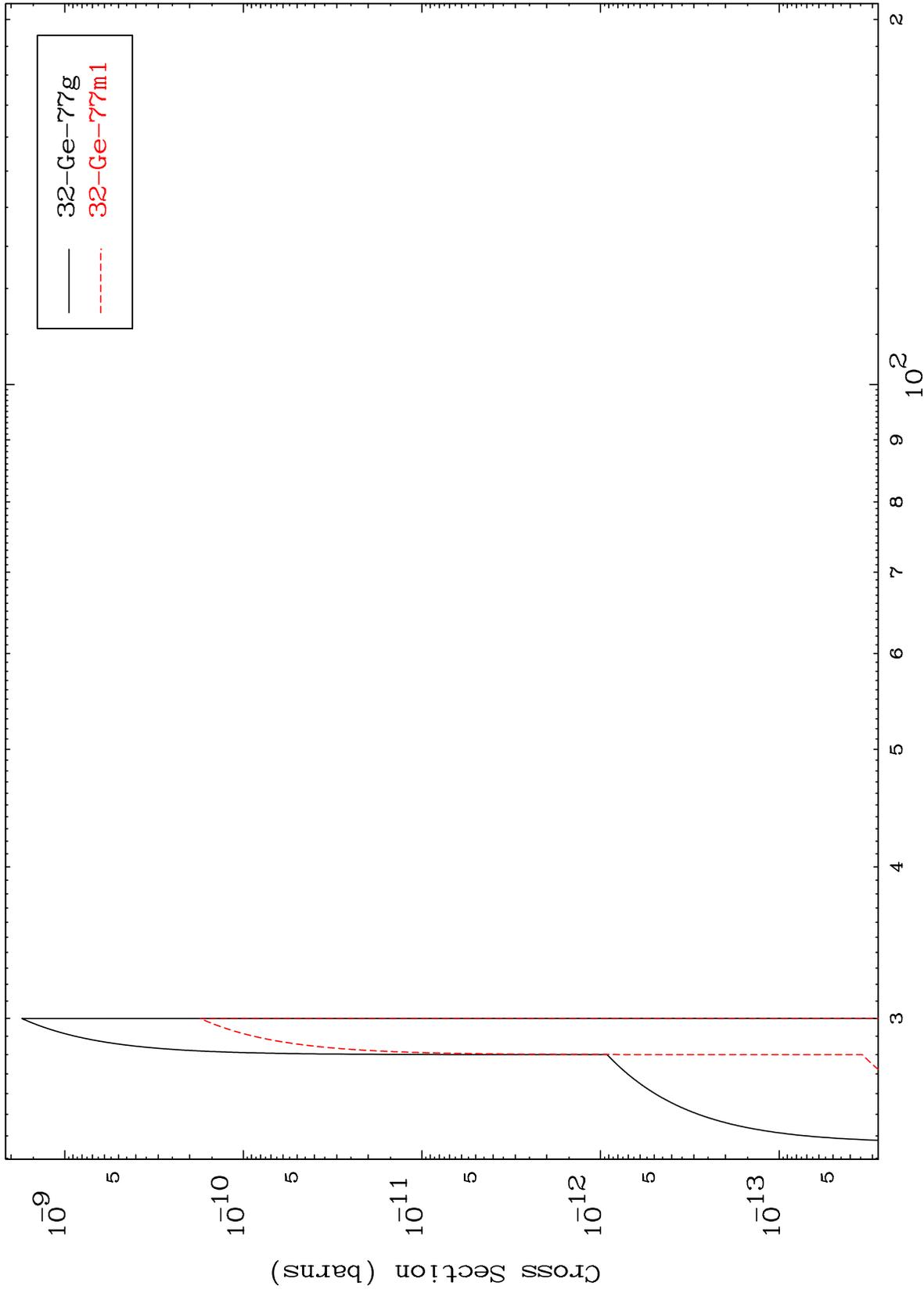
$^{32}\text{Ge-80}$

MAT 3255

$(\alpha, 3n) \alpha$

$^{32}\text{Ge-80}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

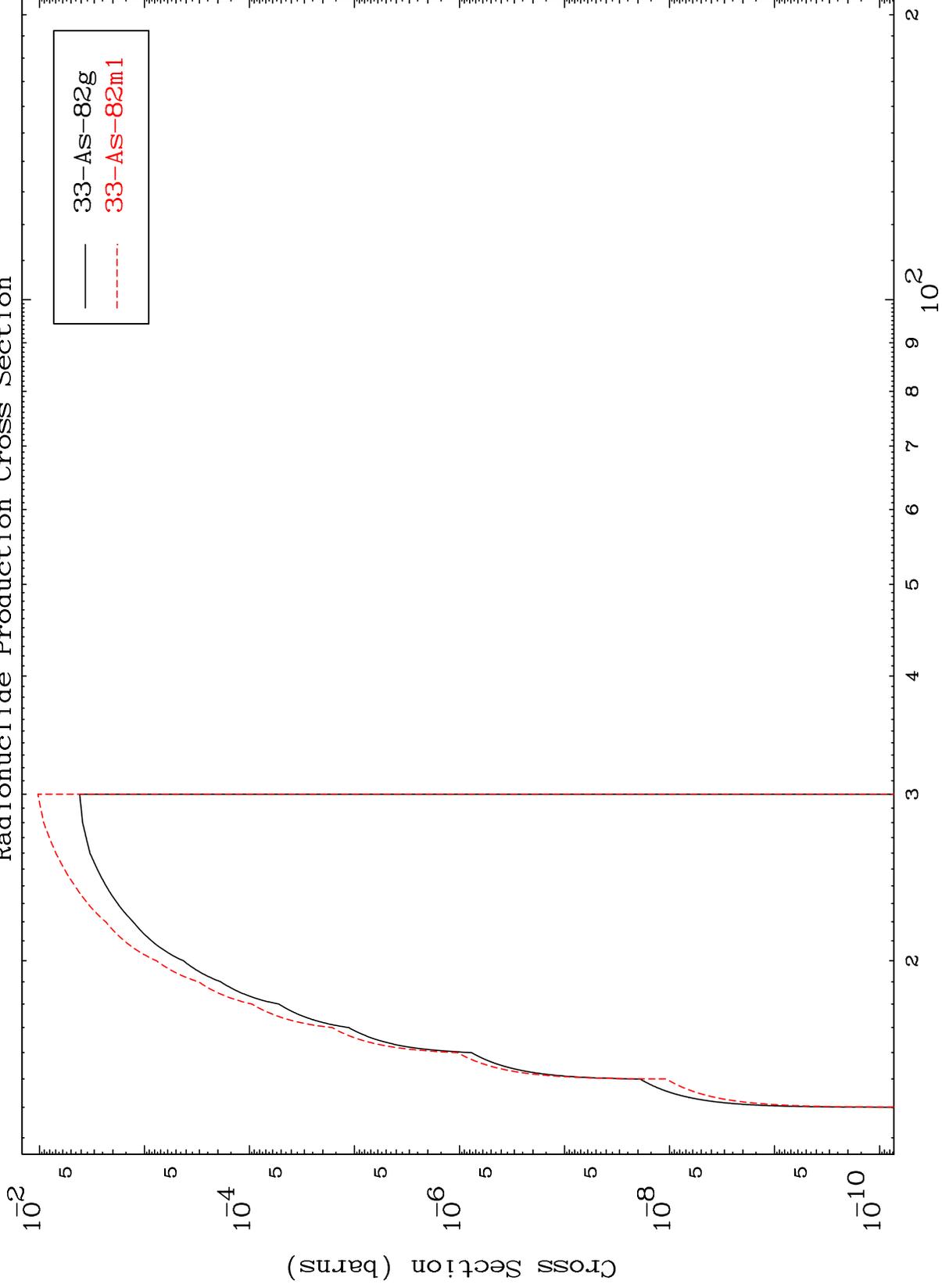
$^{32}\text{Ge-80}$

MAT 3255

$(\alpha, n')$  p

32-Ge-80

Radionuclide Production Cross Section



16

Incident Energy (MeV)

32-Ge-80

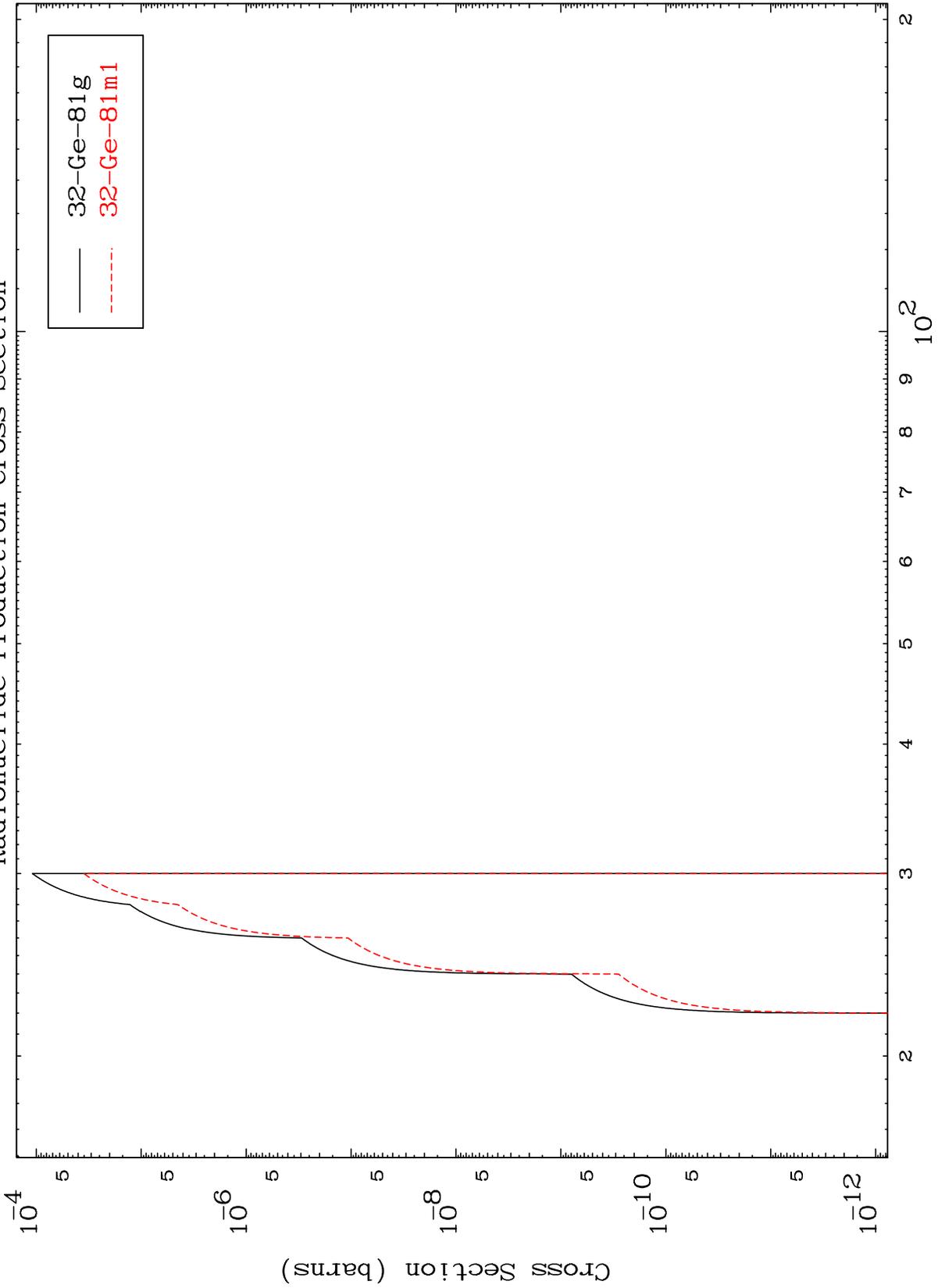


MAT 3255

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

$^{32}\text{Ge-80}$

Radionuclide Production Cross Section



18

Incident Energy (MeV)

$^{32}\text{Ge-80}$