

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

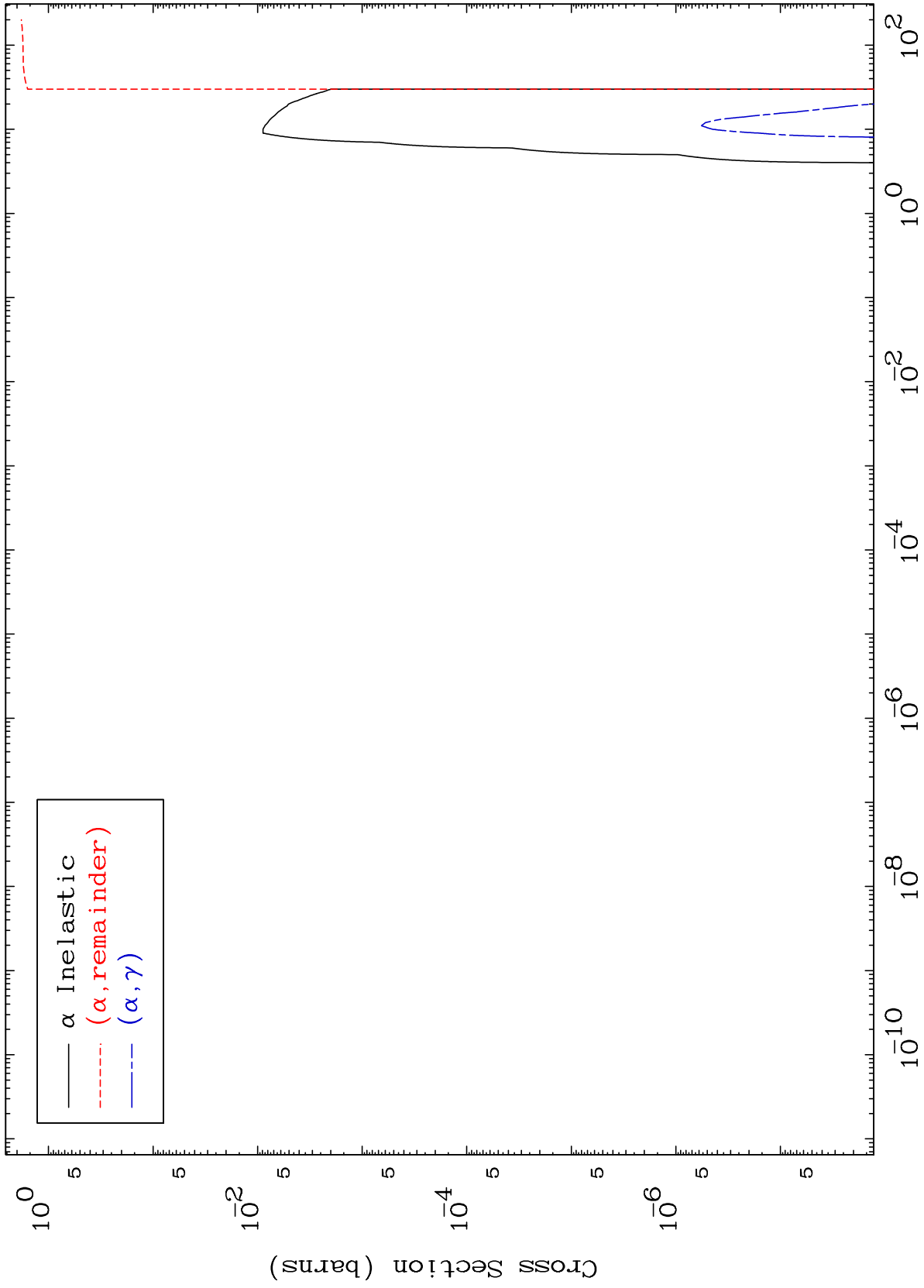
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3067

0 Kelvin  $\alpha$  Major  
Cross Sections

30-Zn-78

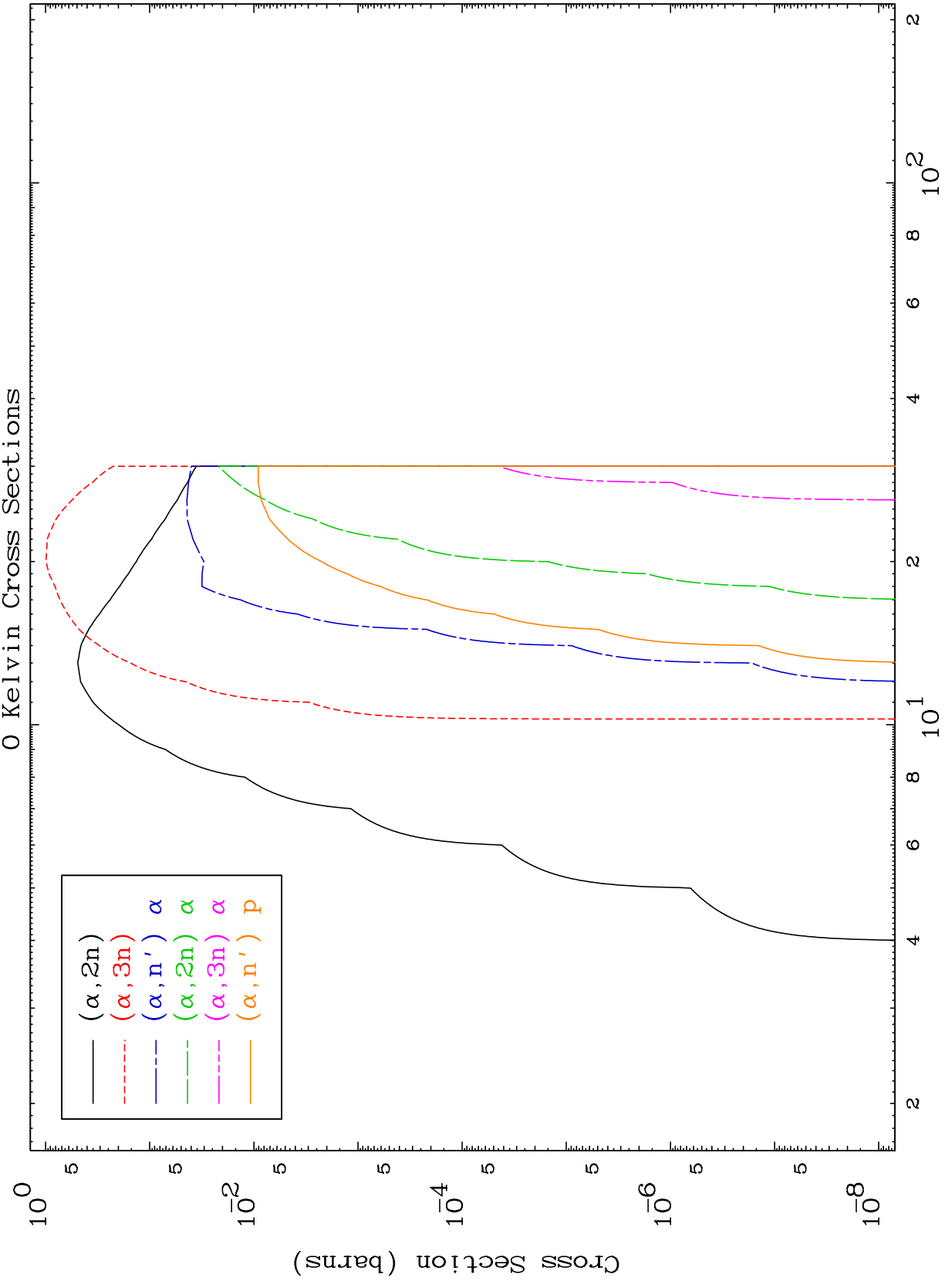


30-Zn-78

MAT 3067

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

30-Zn-78



2

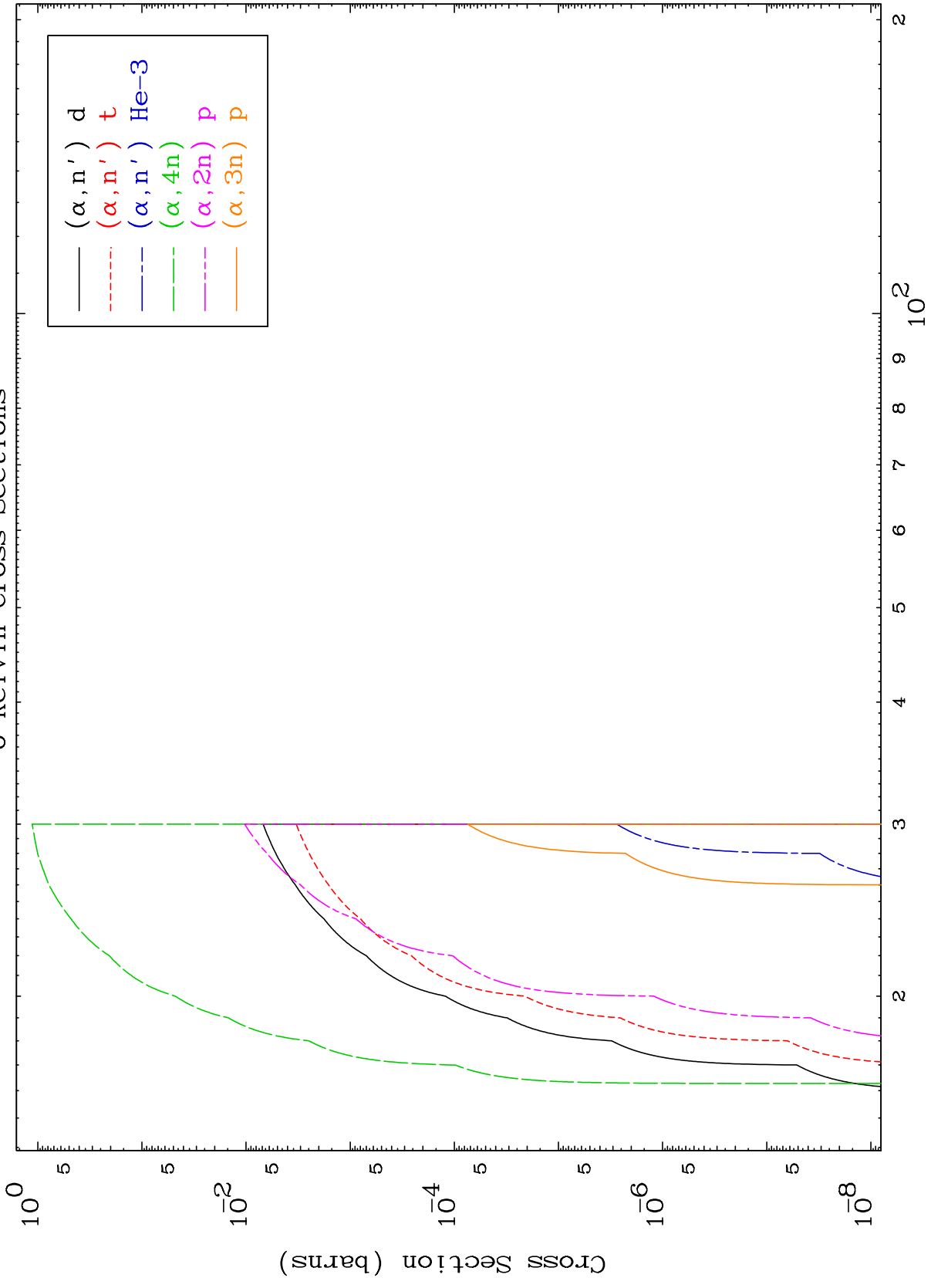
Incident Energy (MeV)

30-Zn-78

MAT 3067

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

30-Zn-78



3

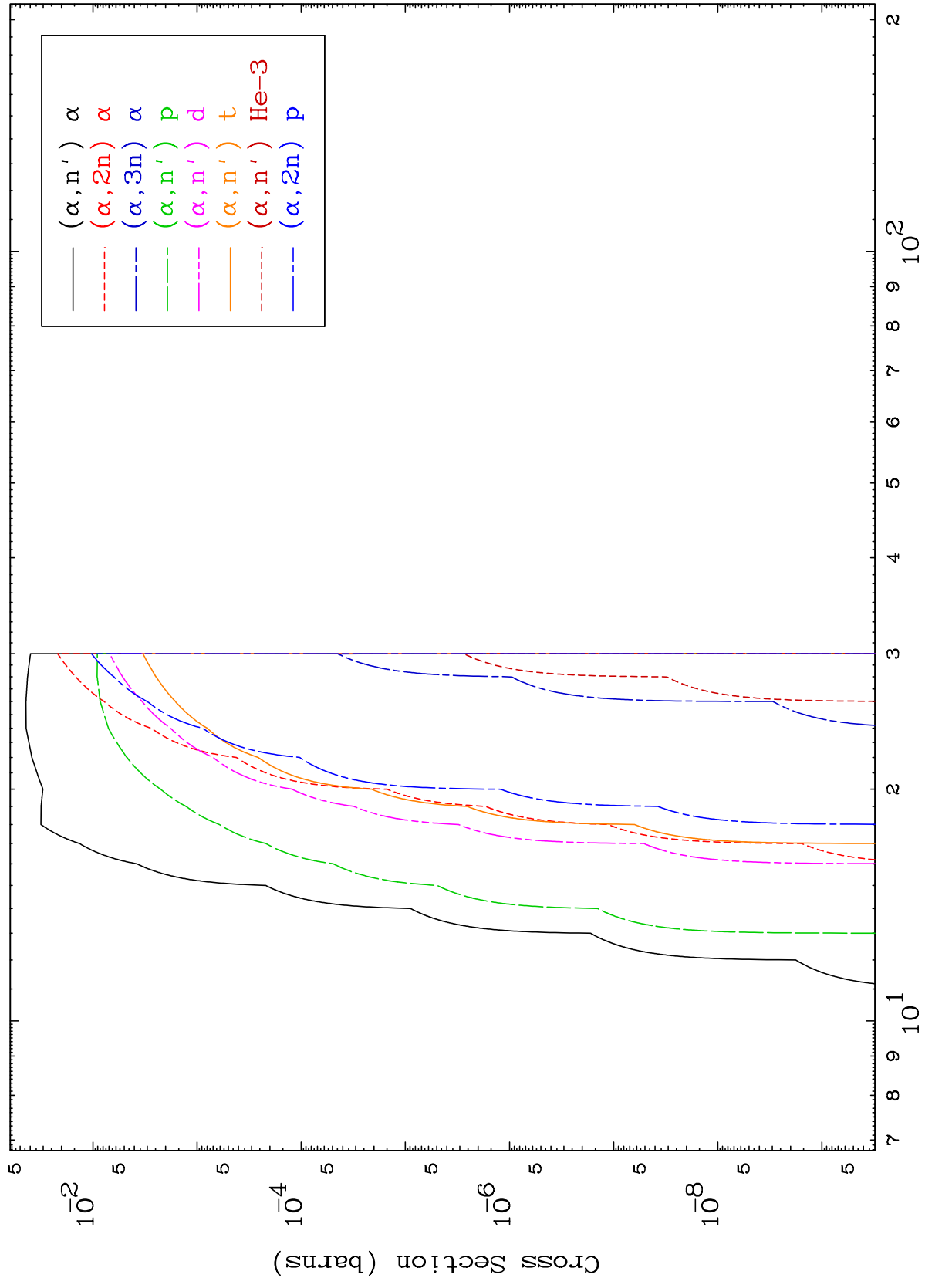
Incident Energy (MeV)

30-Zn-78

MAT 3067

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

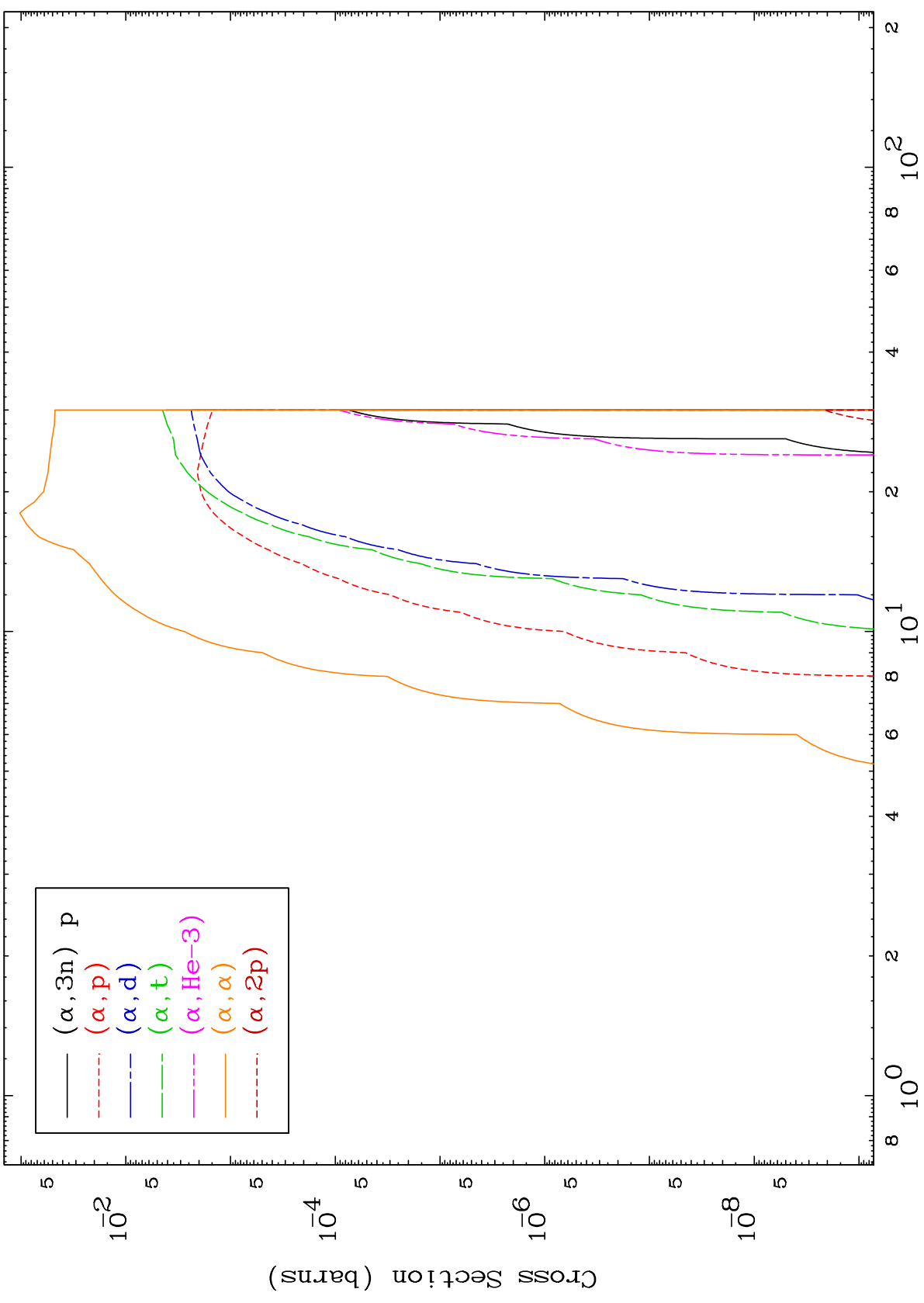
30-Zn-78



MAT 3067

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

30-Zn-78



5

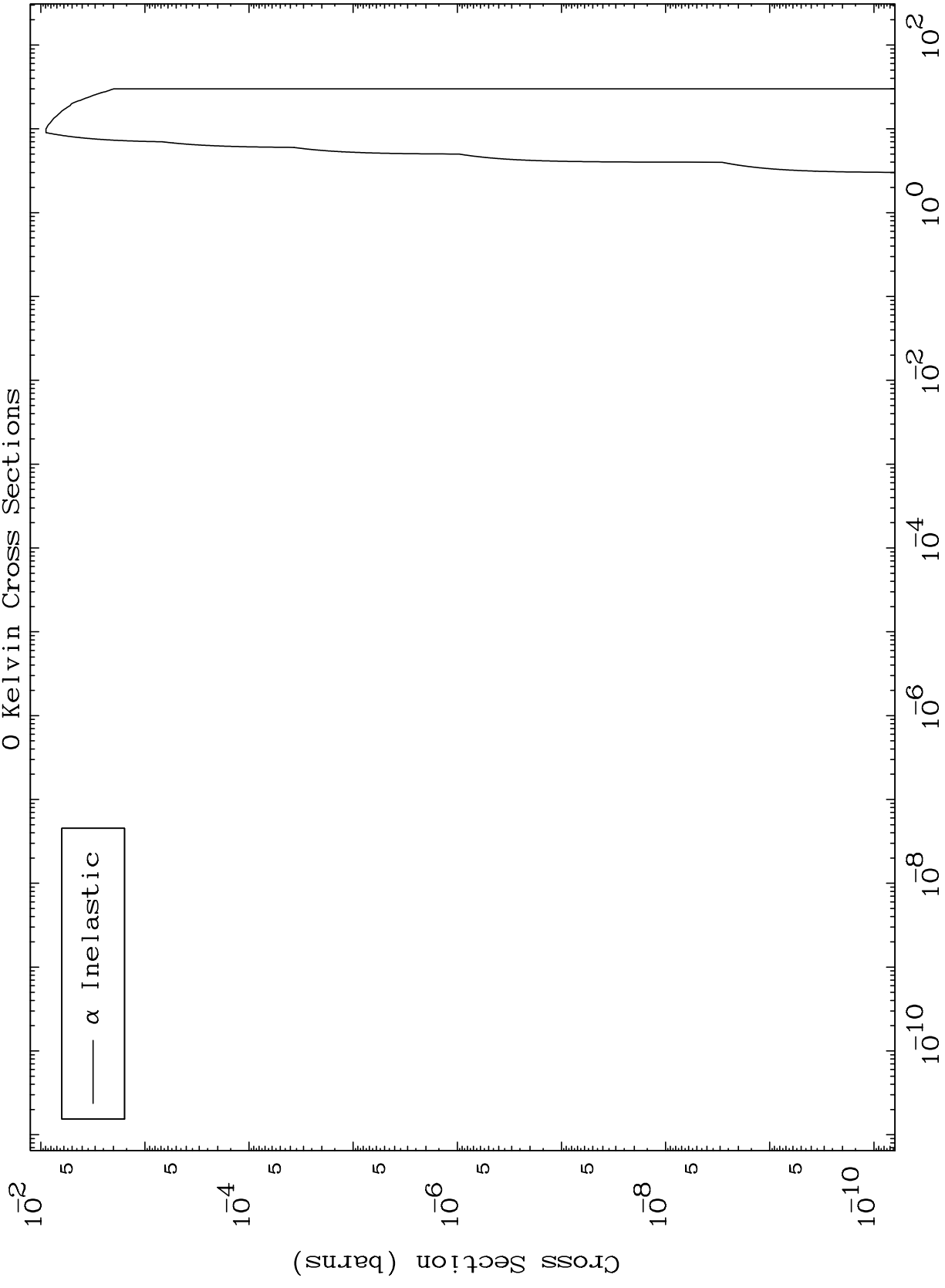
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78

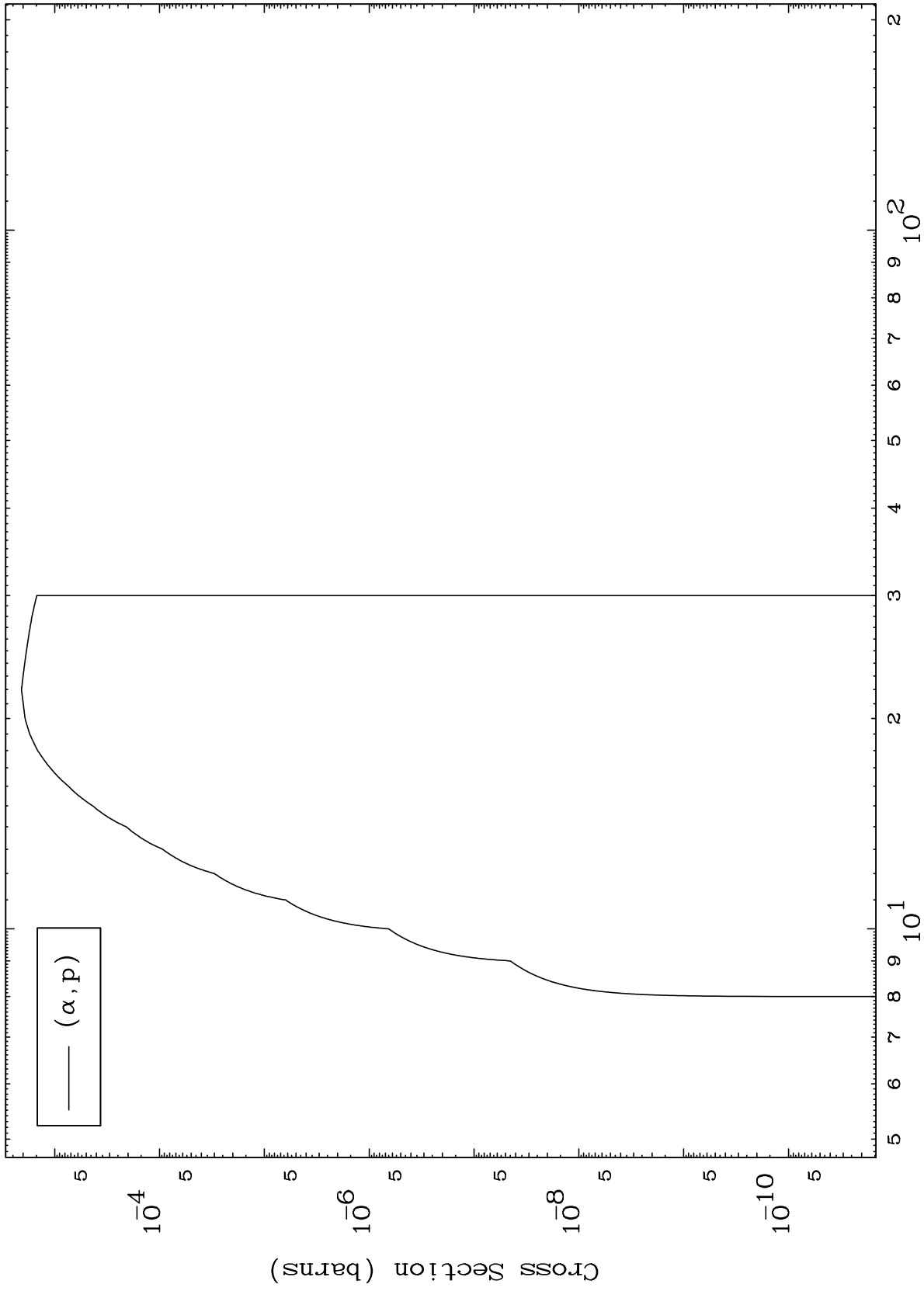


30-Zn-78

MAT 3067

30-Zn-78

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



7

Incident Energy (MeV)

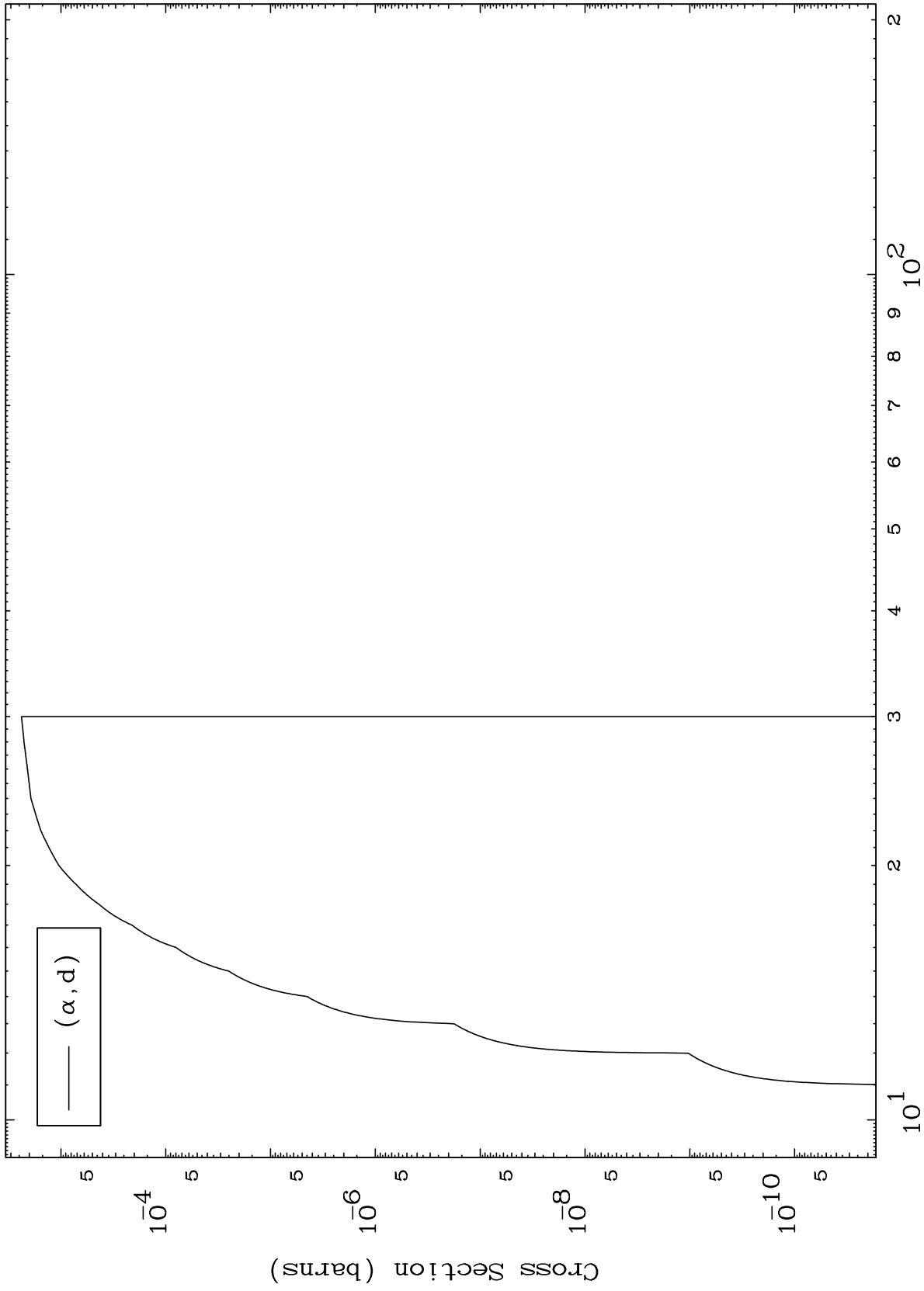
30-Zn-78



MAT 3067

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

30-Zn-78



8

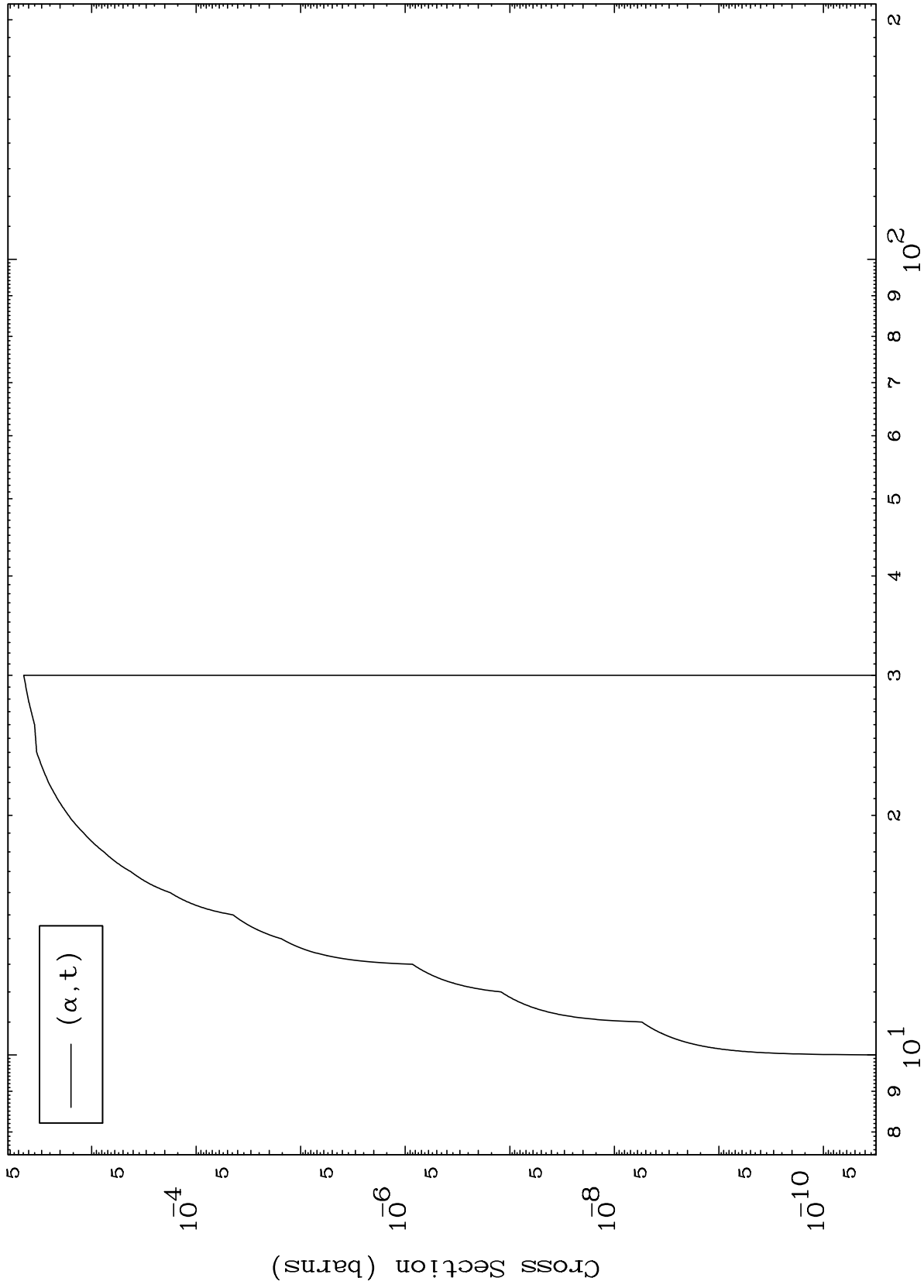
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



9

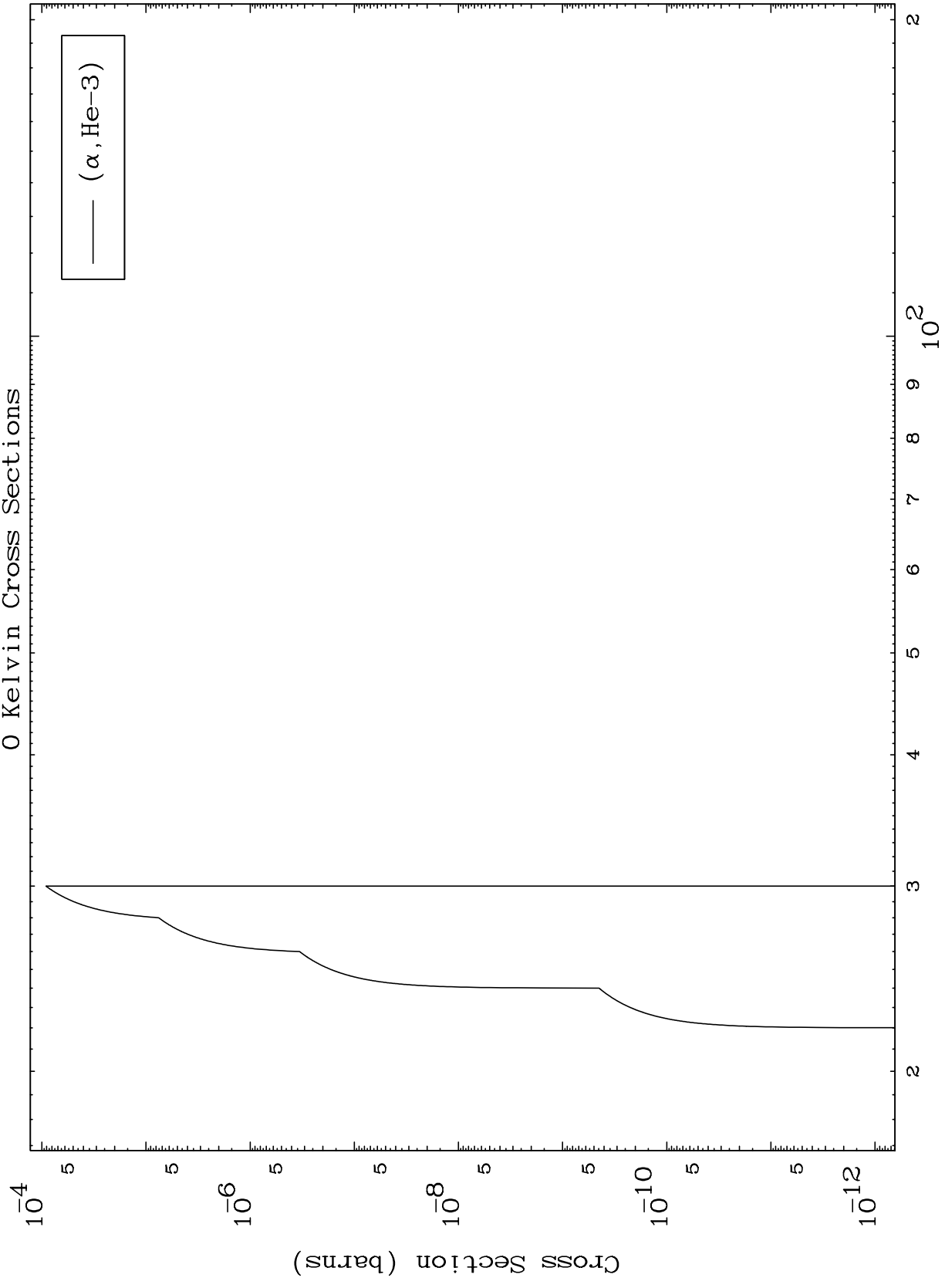
Incident Energy (MeV)

30-Zn-78

MAT 3067

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

30-Zn-78



10

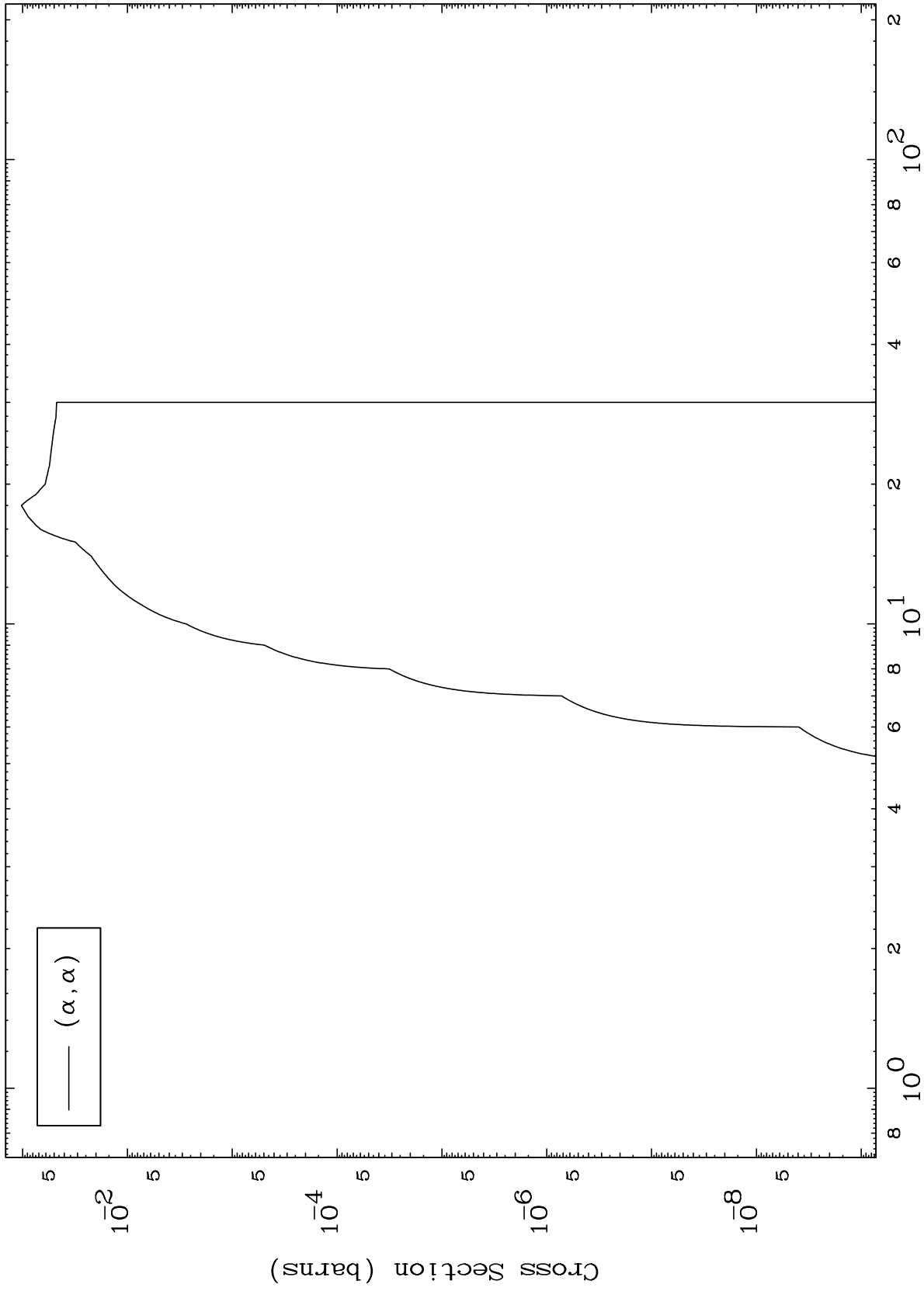
Incident Energy (MeV)

30-Zn-78

MAT 3067

30-Zn-78

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



11

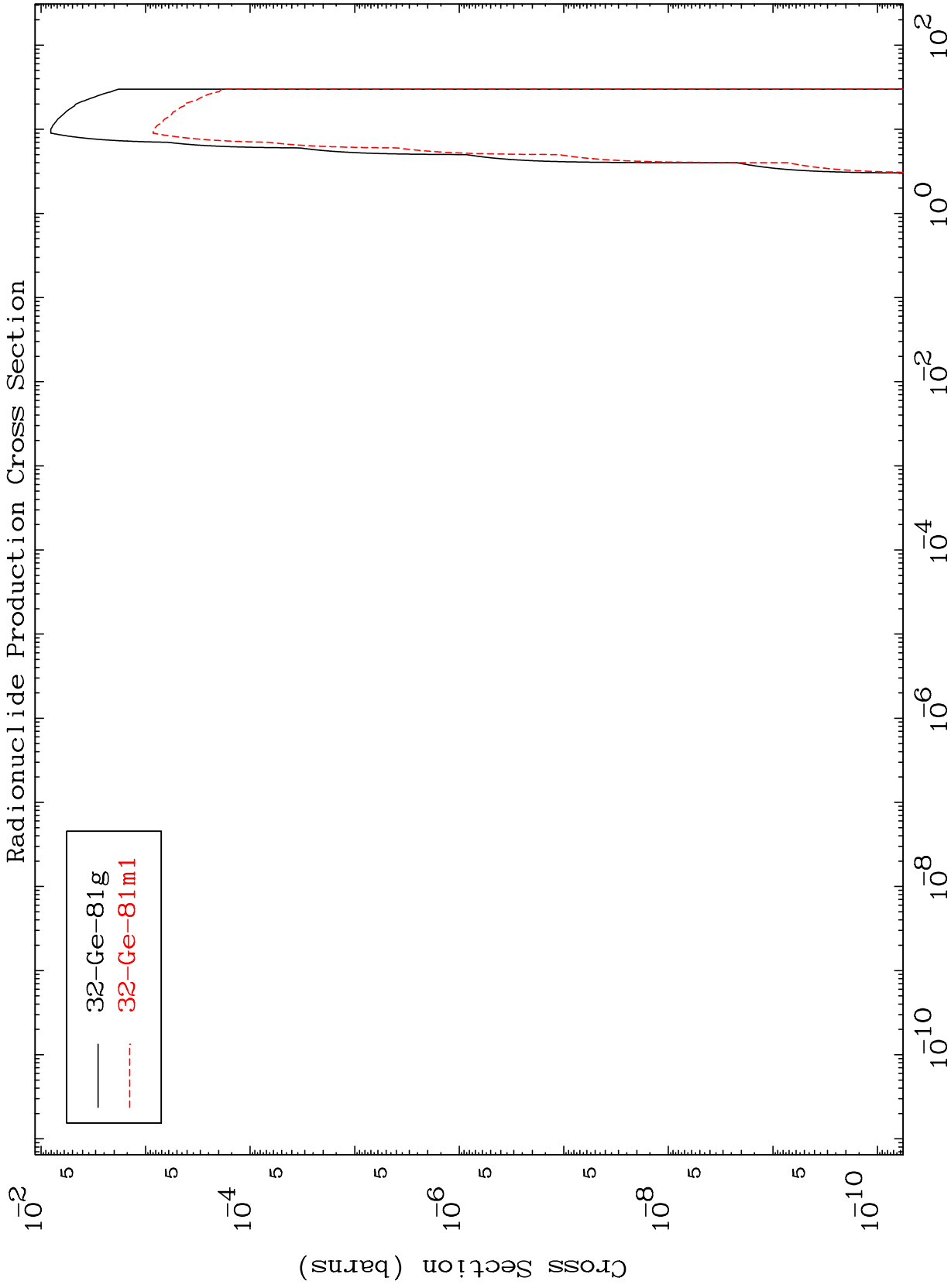
Incident Energy (MeV)

30-Zn-78

MAT 3067

$\alpha$  Inelastic  
Radionuclide Production Cross Section

30-Zn-78



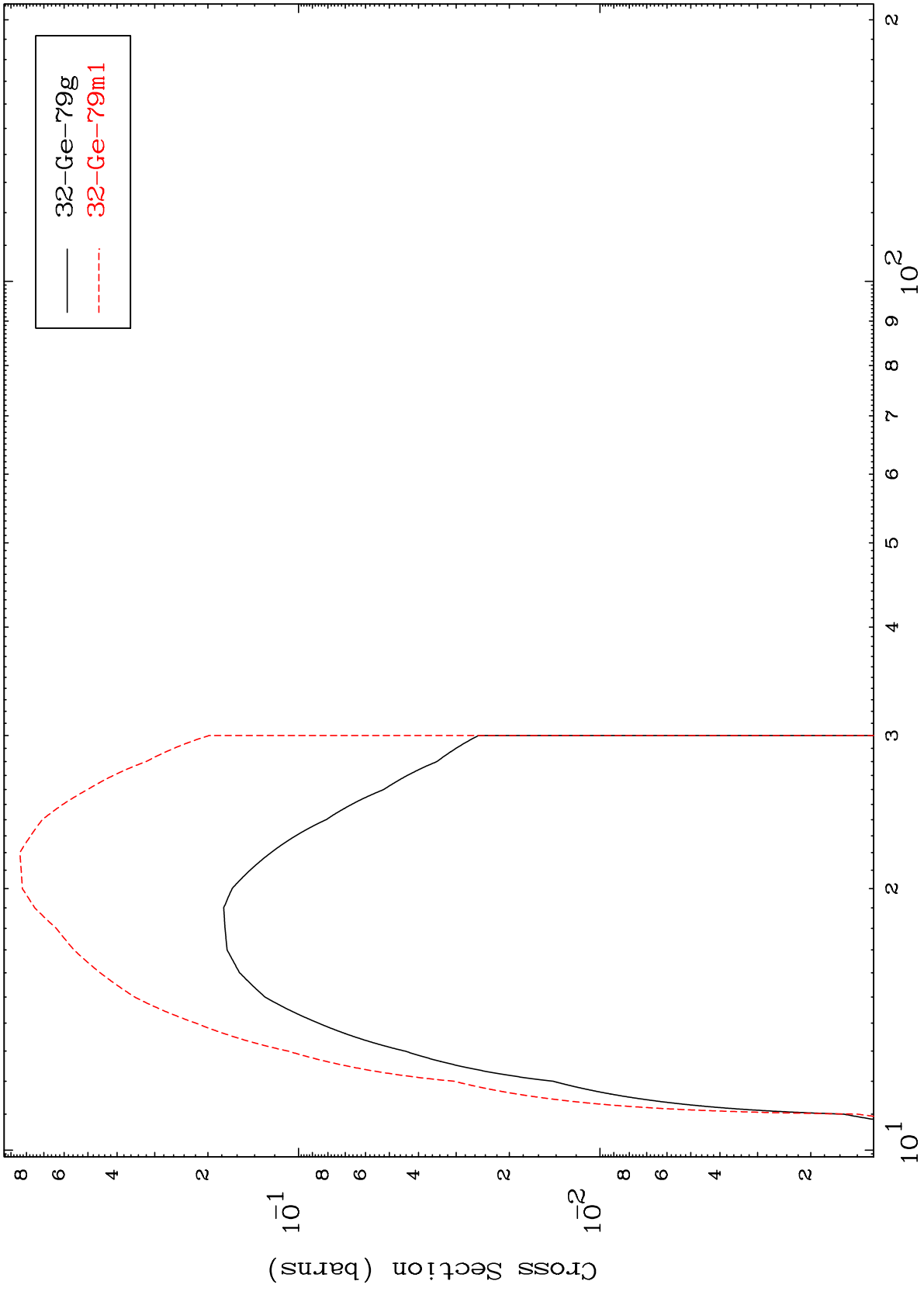
32-Ge-81g  
32-Ge-81m1

MAT 3067

( $\alpha, 3n$ )

$^{30}\text{Zn-78}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

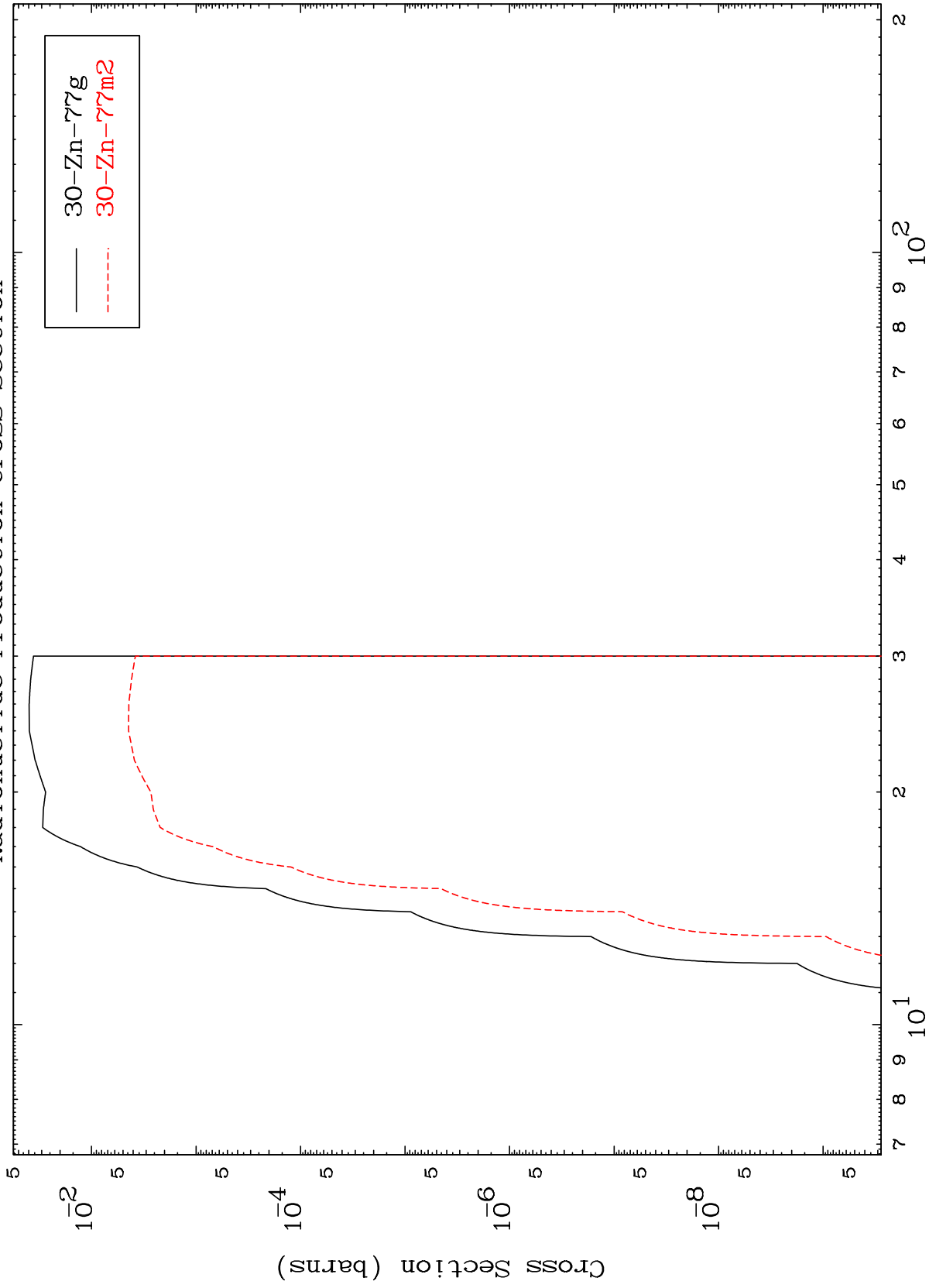
$^{30}\text{Zn-78}$

MAT 3067

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

$^{30}\text{Zn}-78$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

$^{30}\text{Zn}-78$