

Program EVALPLOT  
(Version 2018-1)

by

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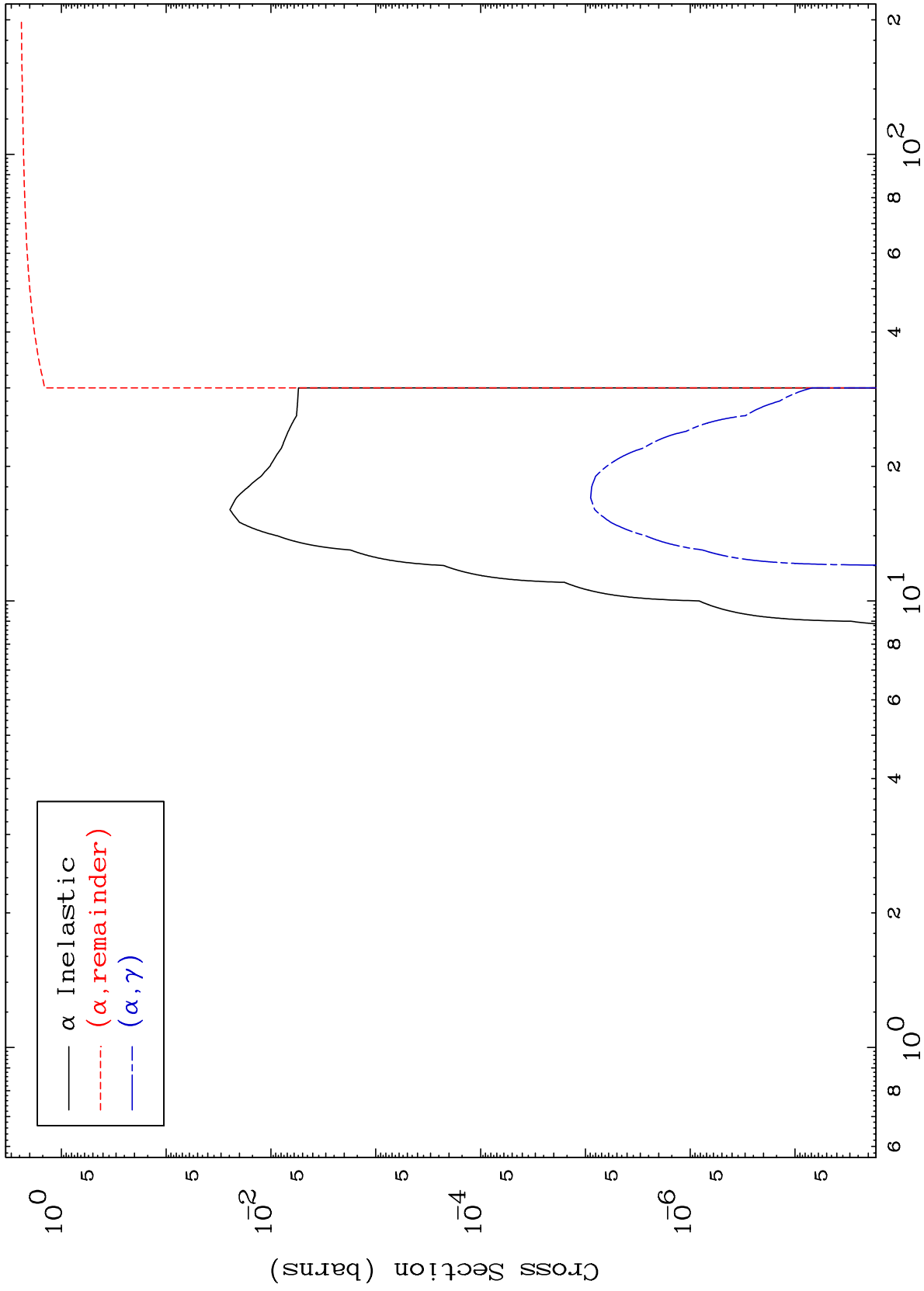
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5849

0 Kelvin  $\alpha$  Major

58-Ce-144



1

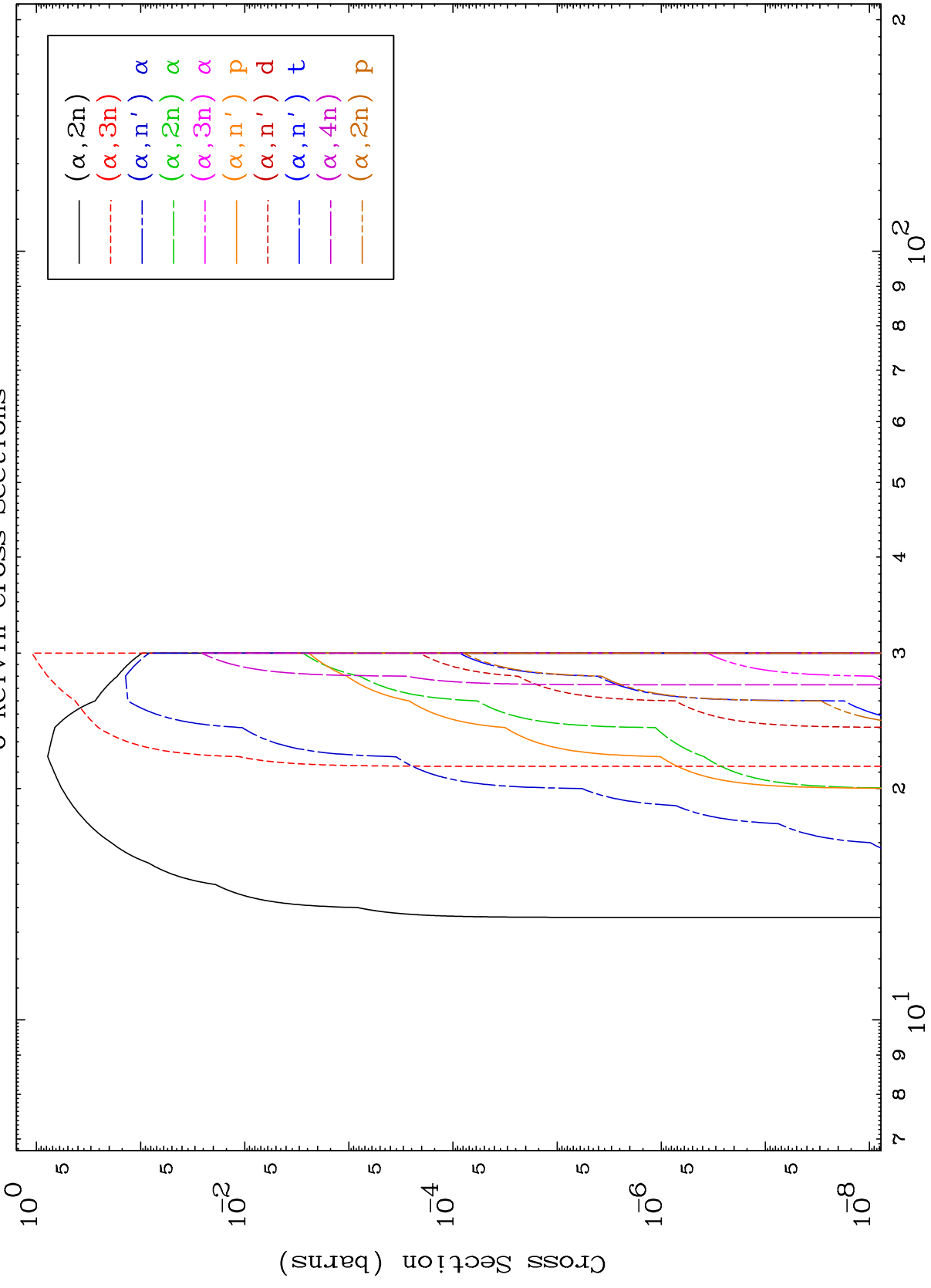
Incident Energy (MeV)

58-Ce-144

MAT 5849

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

58-Ce-144



2

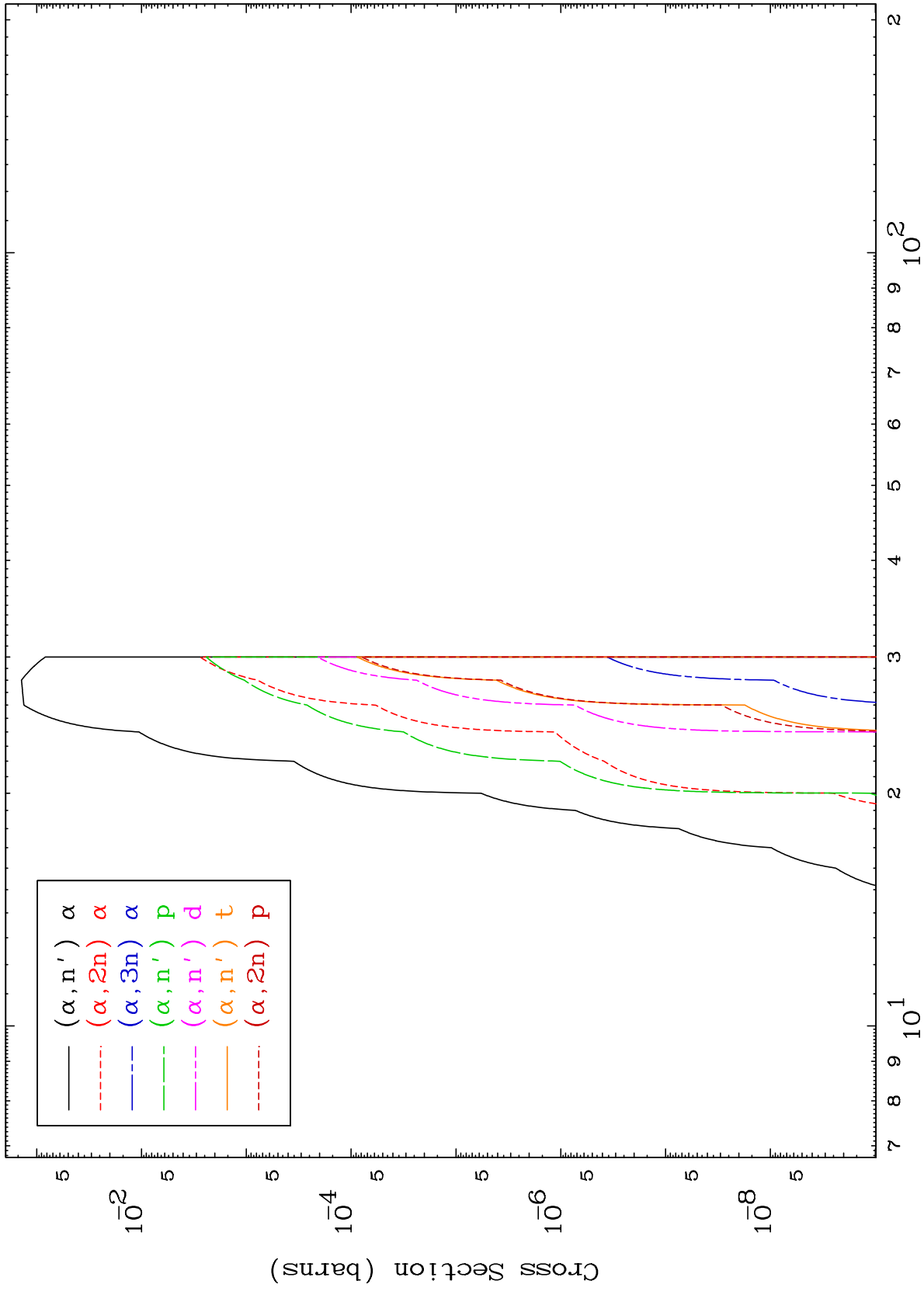
Incident Energy (MeV)

58-Ce-144

MAT 5849

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

58-Ce-144



3

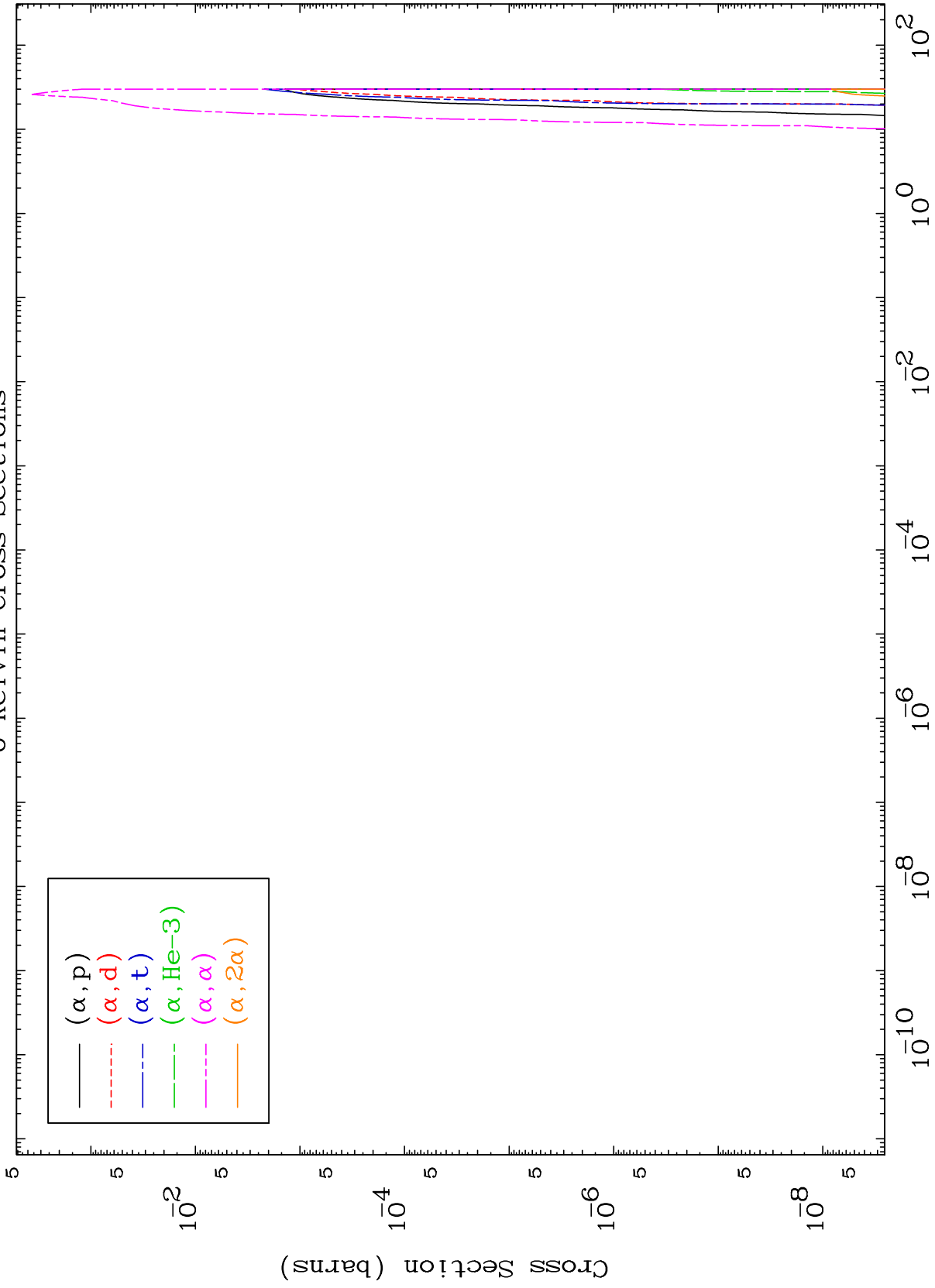
Incident Energy (MeV)

58-Ce-144

MAT 5849

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

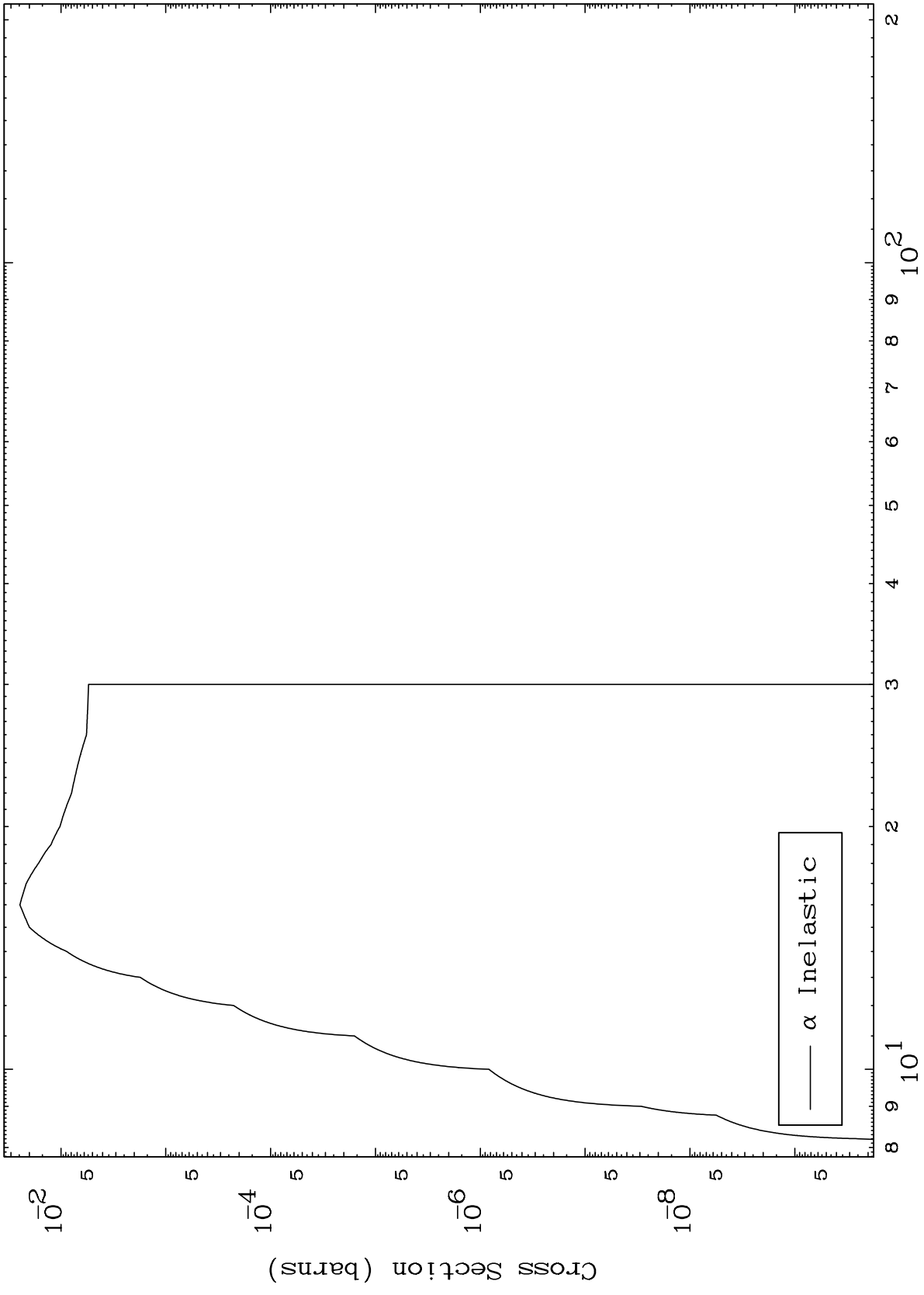
58-Ce-144



MAT 5849

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

58-Ce-144



5

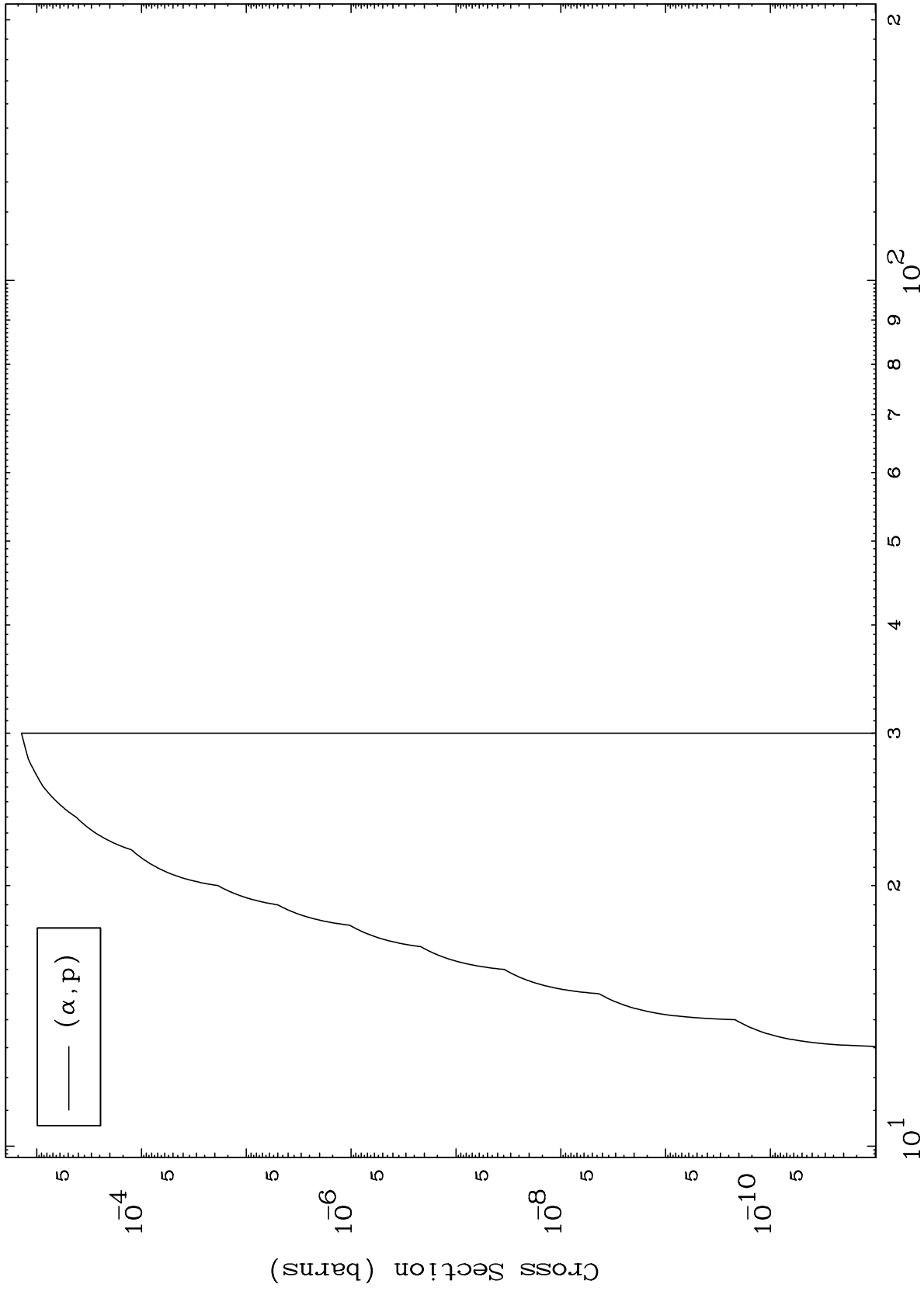
Incident Energy (MeV)

58-Ce-144

MAT 5849

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

58-Ce-144



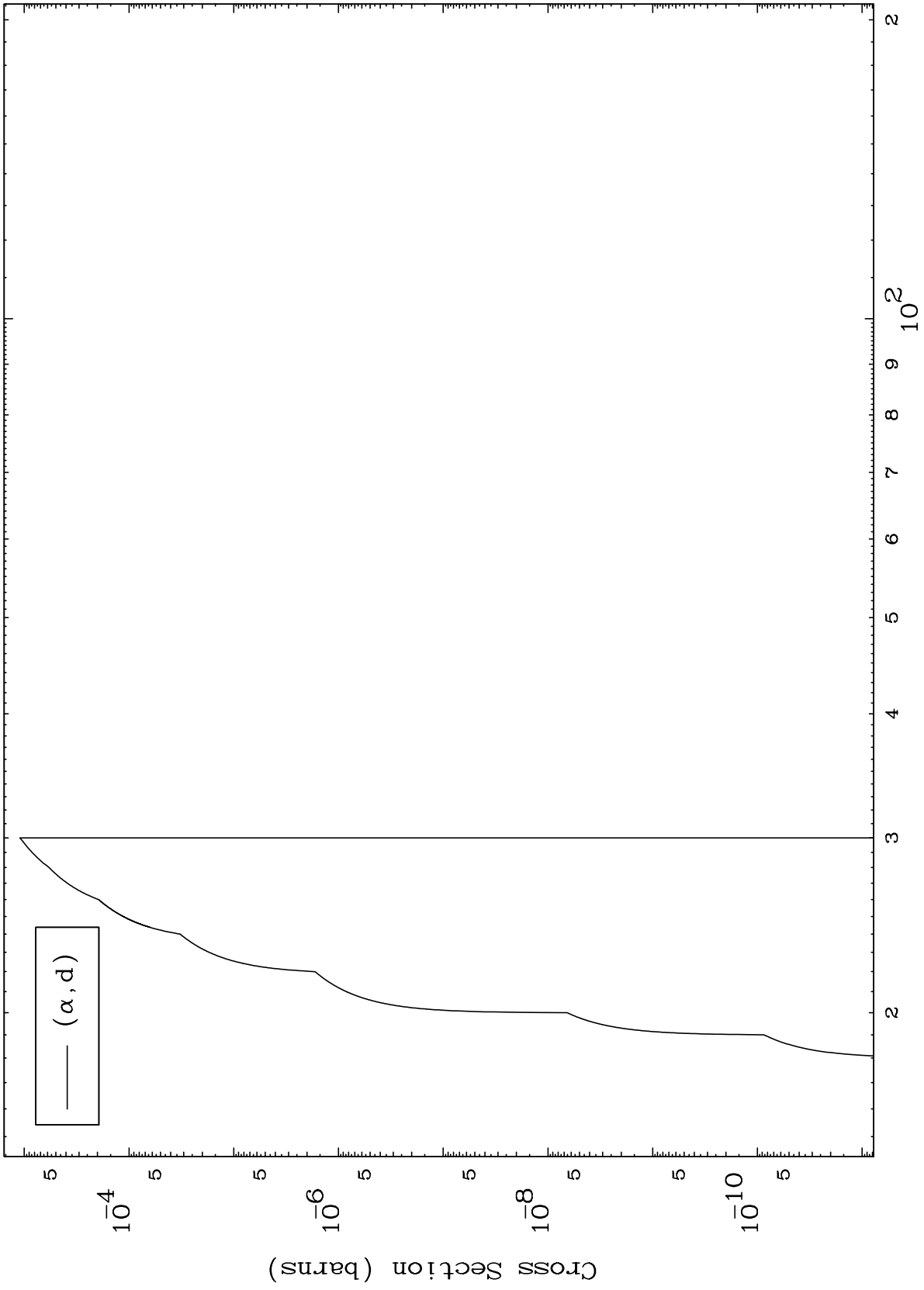
Incident Energy (MeV)

58-Ce-144

MAT 5849

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

58-Ce-144



7

Incident Energy (MeV)

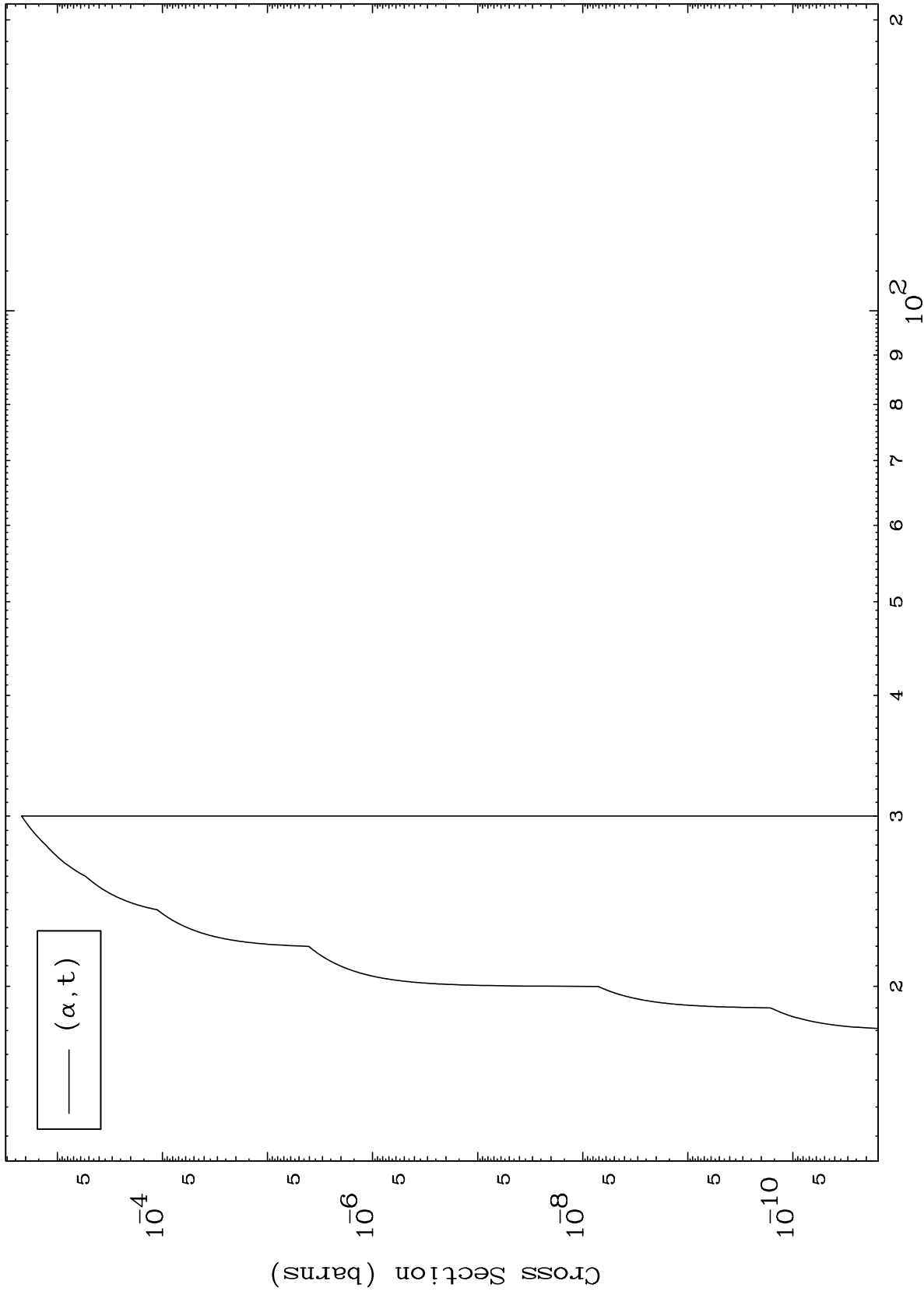
58-Ce-144



MAT 5849

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

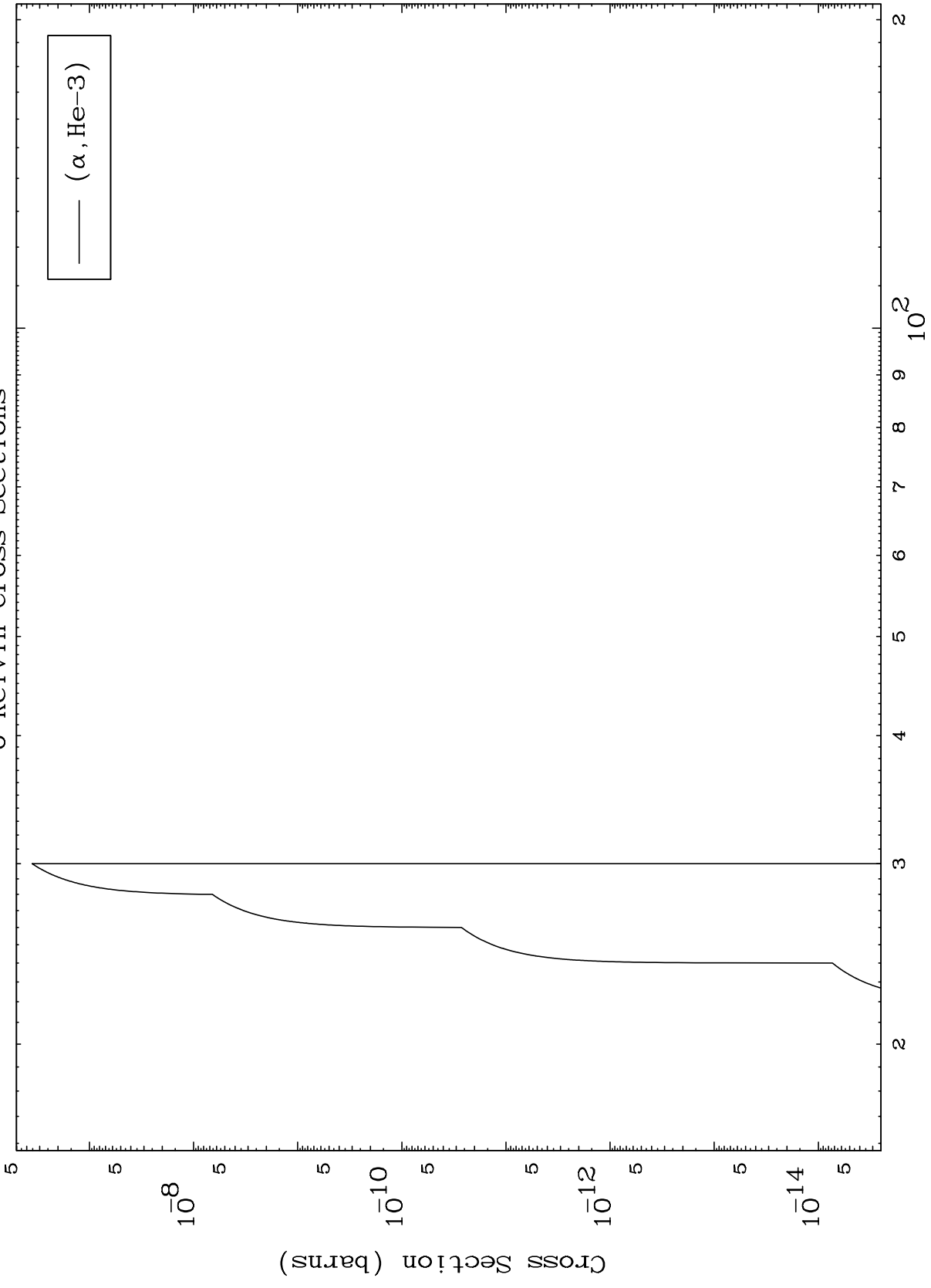
58-Ce-144



8

Incident Energy (MeV)

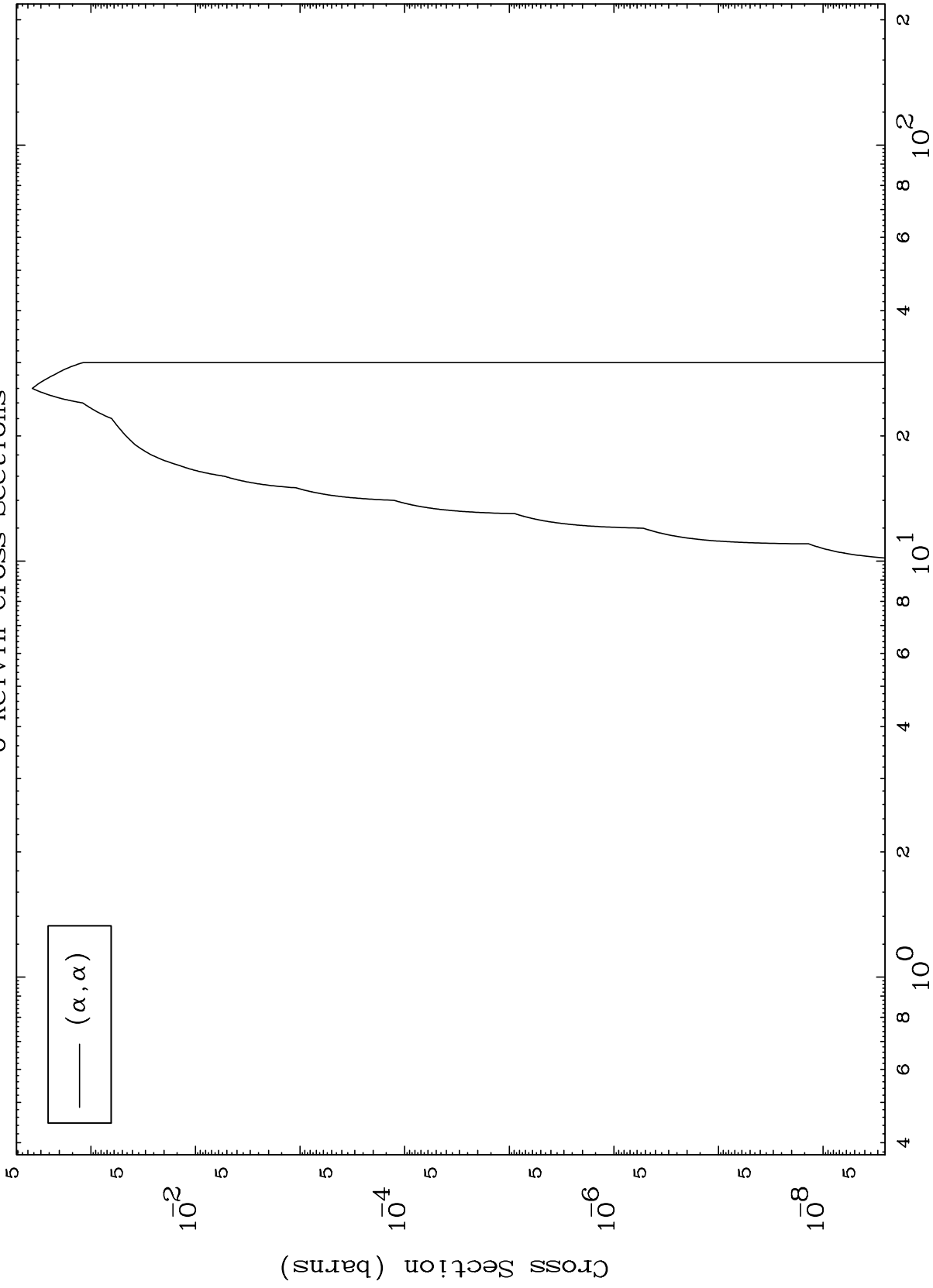
58-Ce-144



MAT 5849

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

58-Ce-144



10

Incident Energy (MeV)

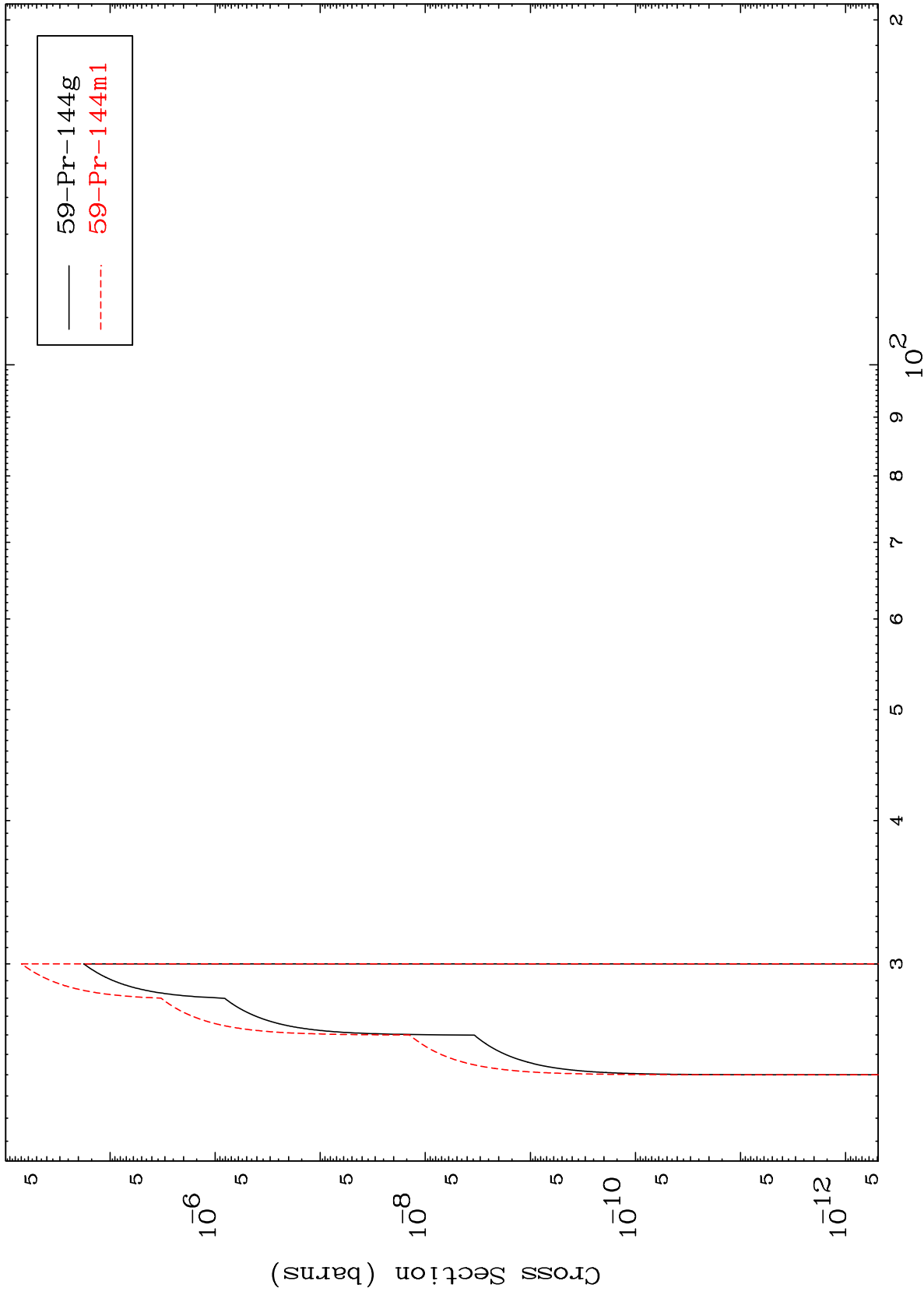
58-Ce-144

MAT 5849

( $\alpha, n'$ ) t

58-Ce-144

Radionuclide Production Cross Section



11

Incident Energy (MeV)

58-Ce-144