

Program EVALPLOT  
(Version 2018-1)

by

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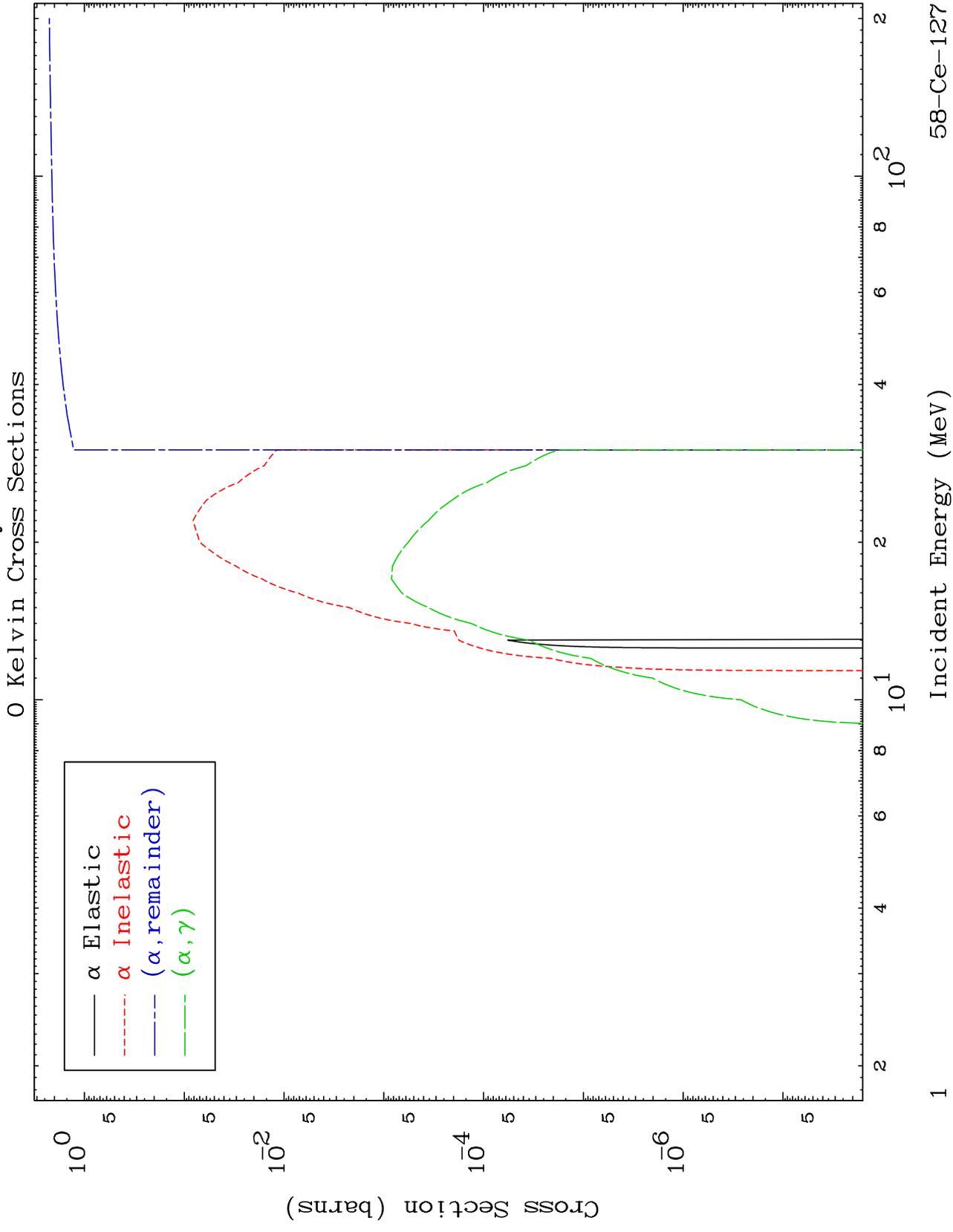
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5799

0 Kelvin  $\alpha$  Major

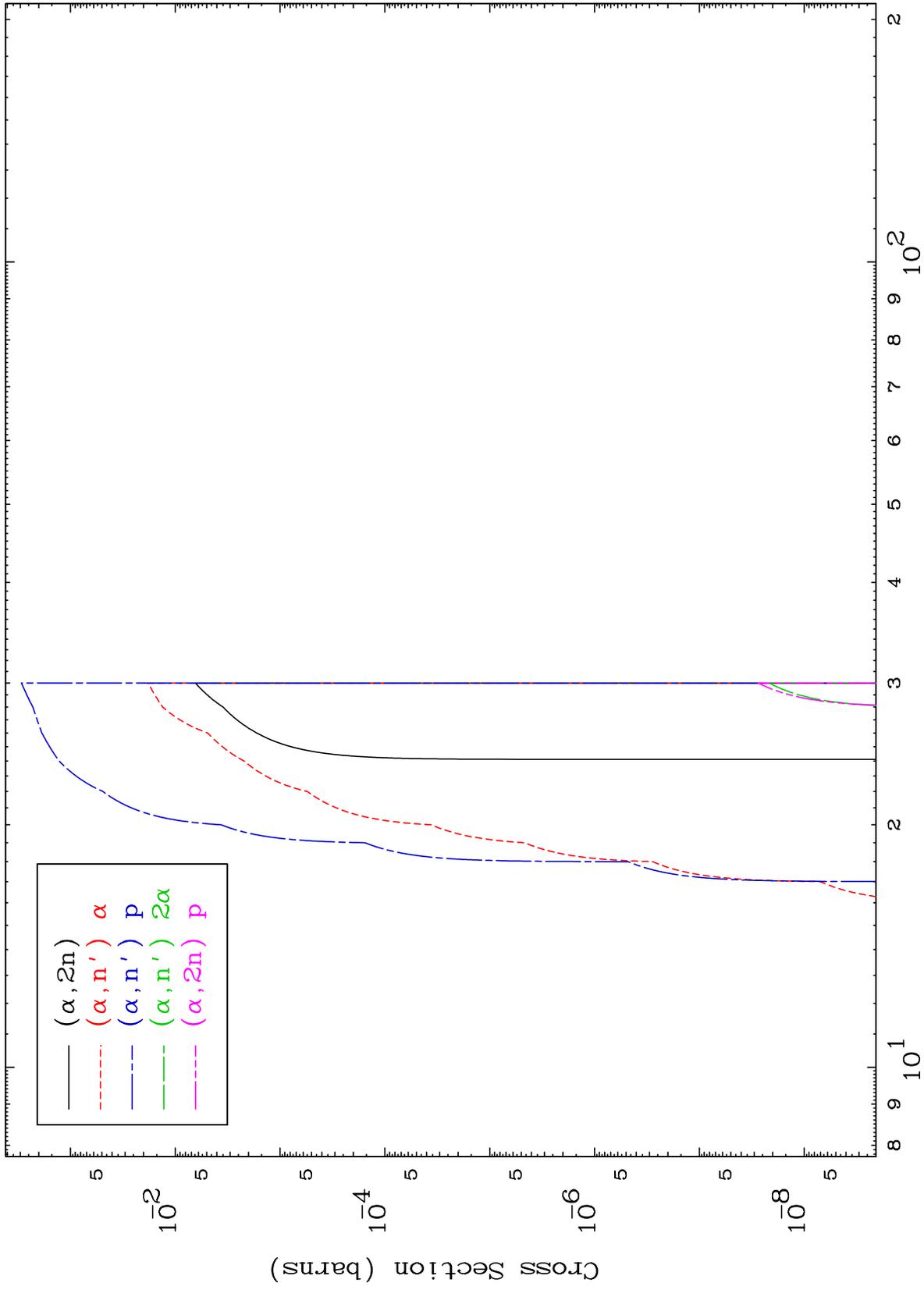
58-Ce-127



MAT 5799

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

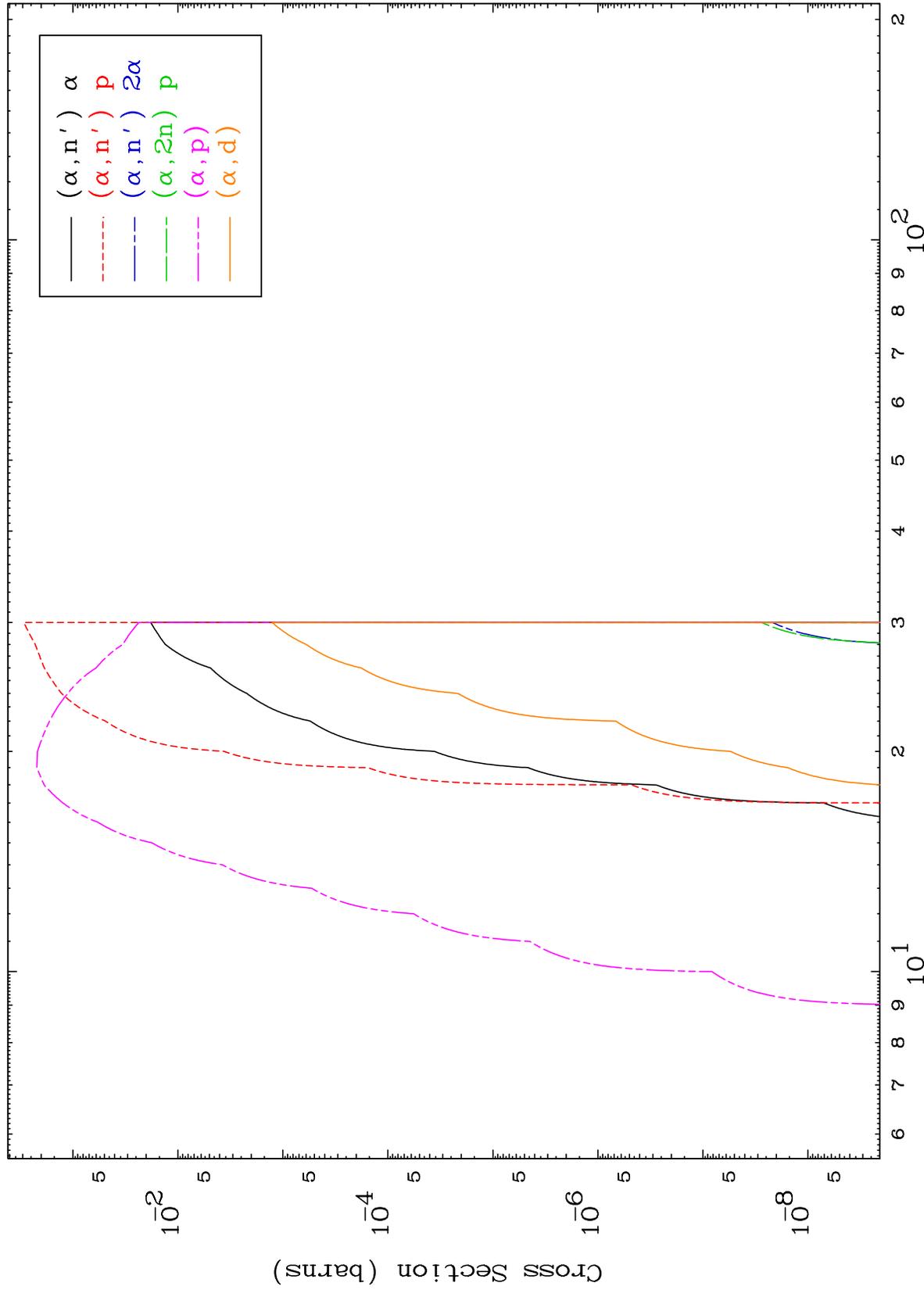
58-Ce-127



2

Incident Energy (MeV)

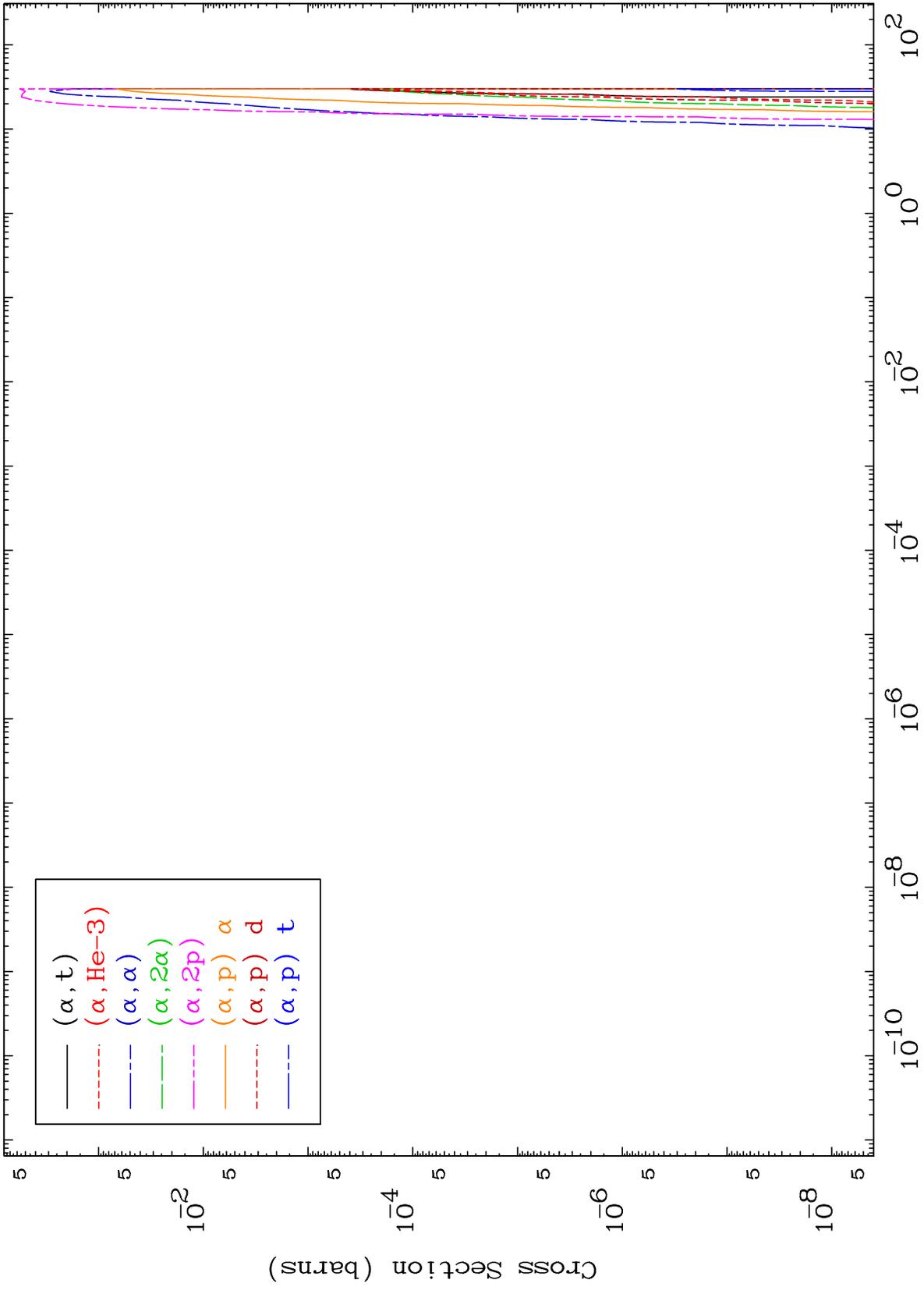
58-Ce-127



MAT 5799

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

58-Ce-127

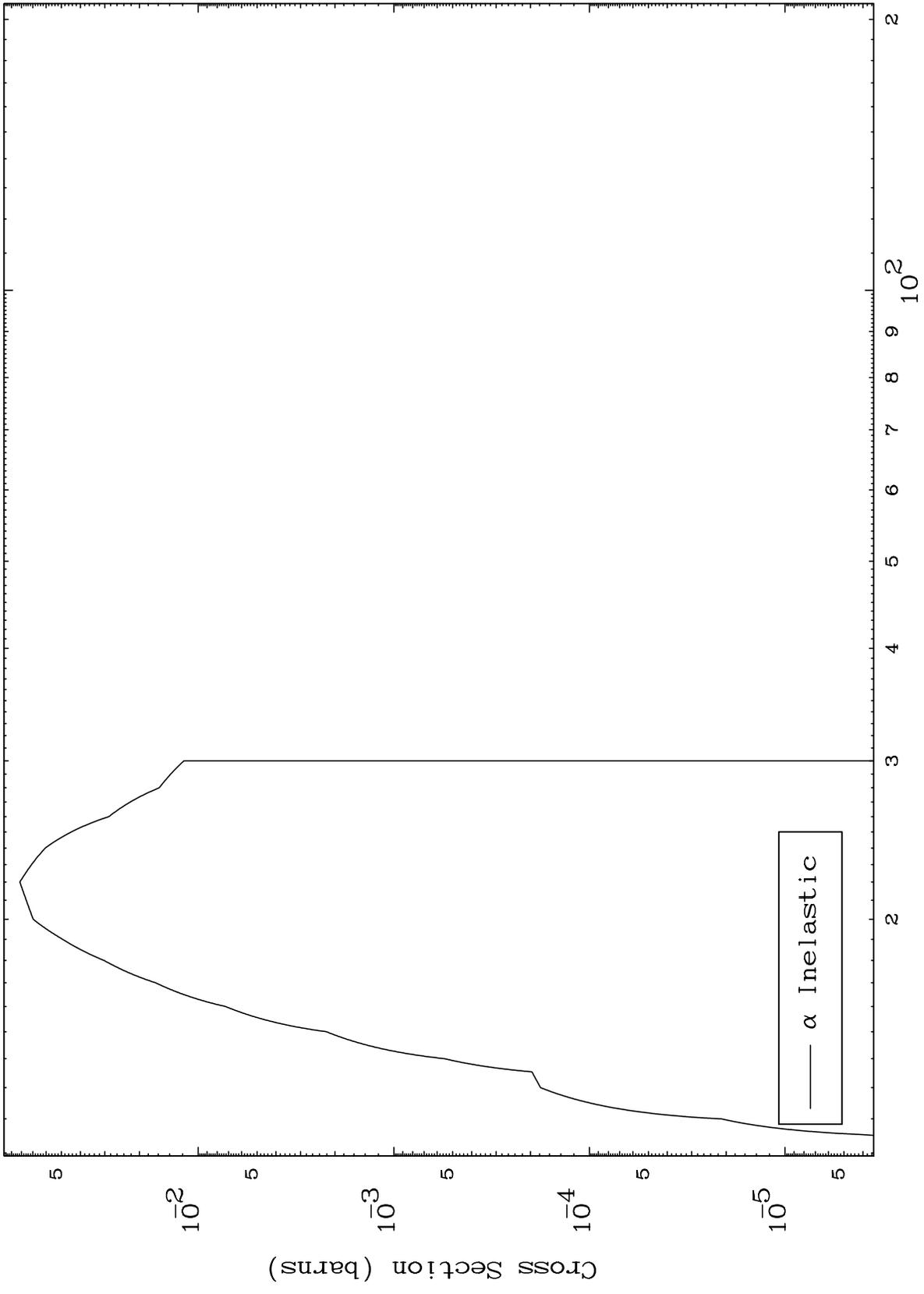


58-Ce-127

MAT 5799

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

58-Ce-127



—  $\alpha$  Inelastic

5

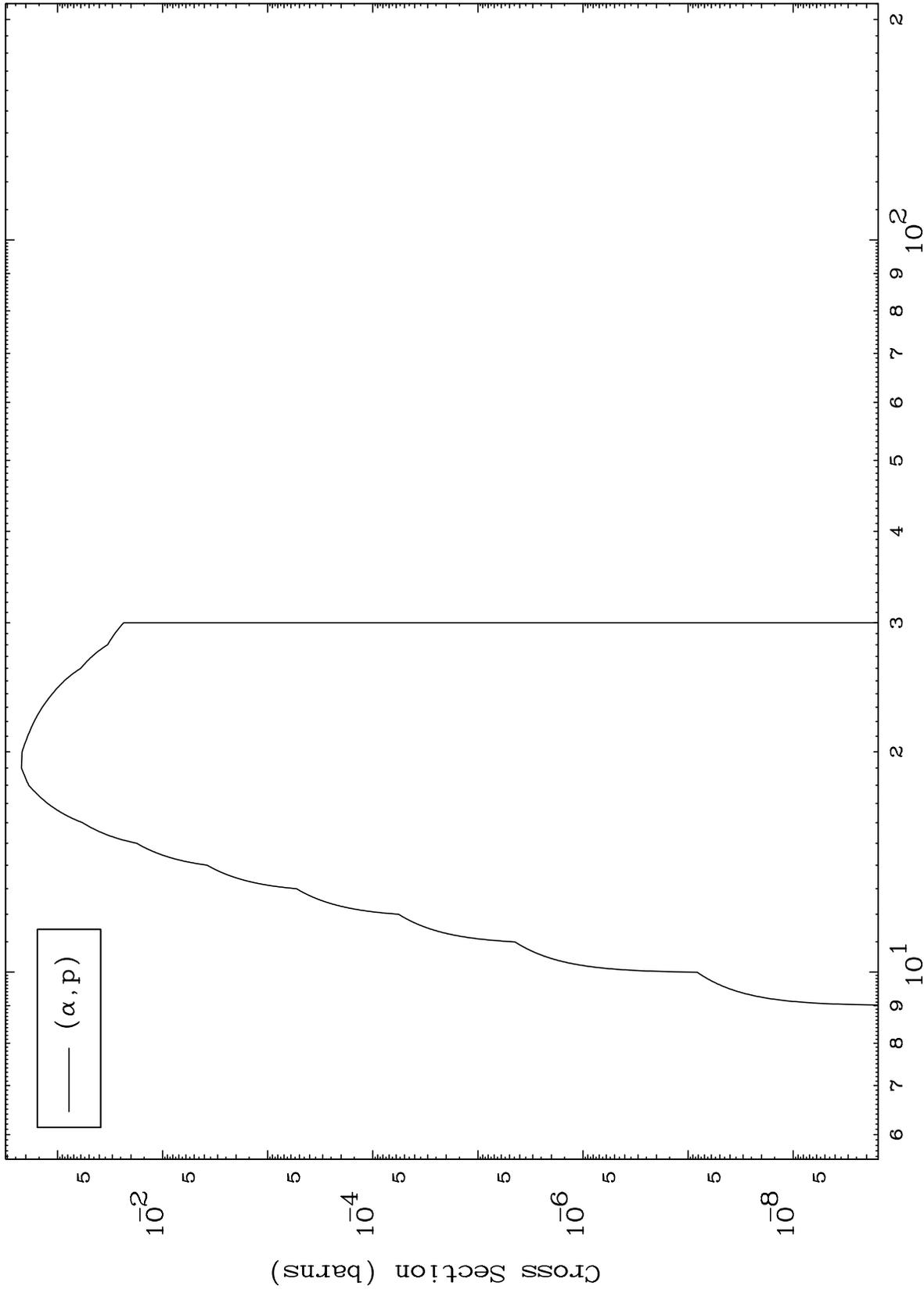
Incident Energy (MeV)

58-Ce-127

MAT 5799

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

58-Ce-127



6

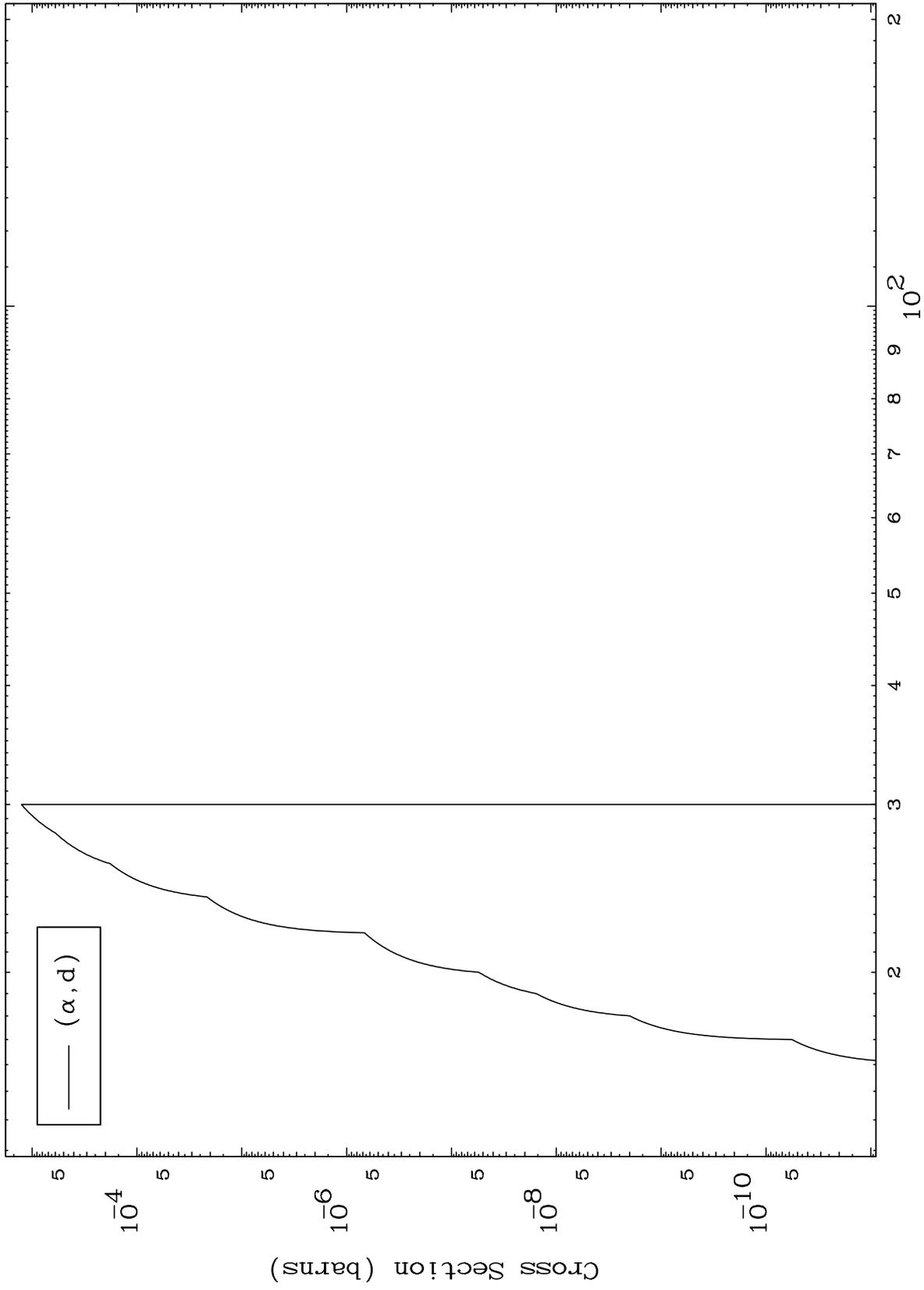
Incident Energy (MeV)

58-Ce-127

MAT 5799

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

58-Ce-127



7

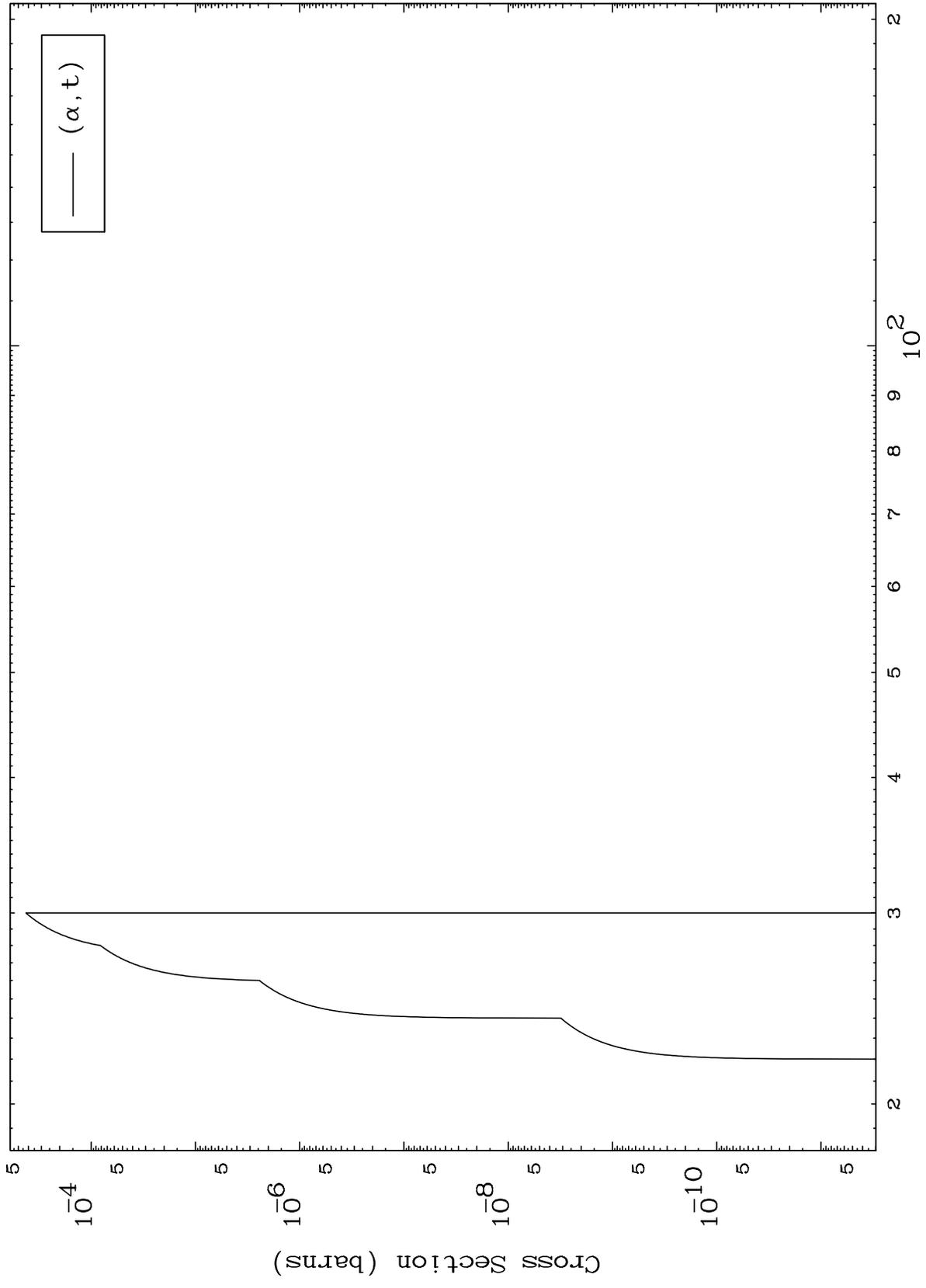
Incident Energy (MeV)

58-Ce-127

MAT 5799

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

58-Ce-127



8

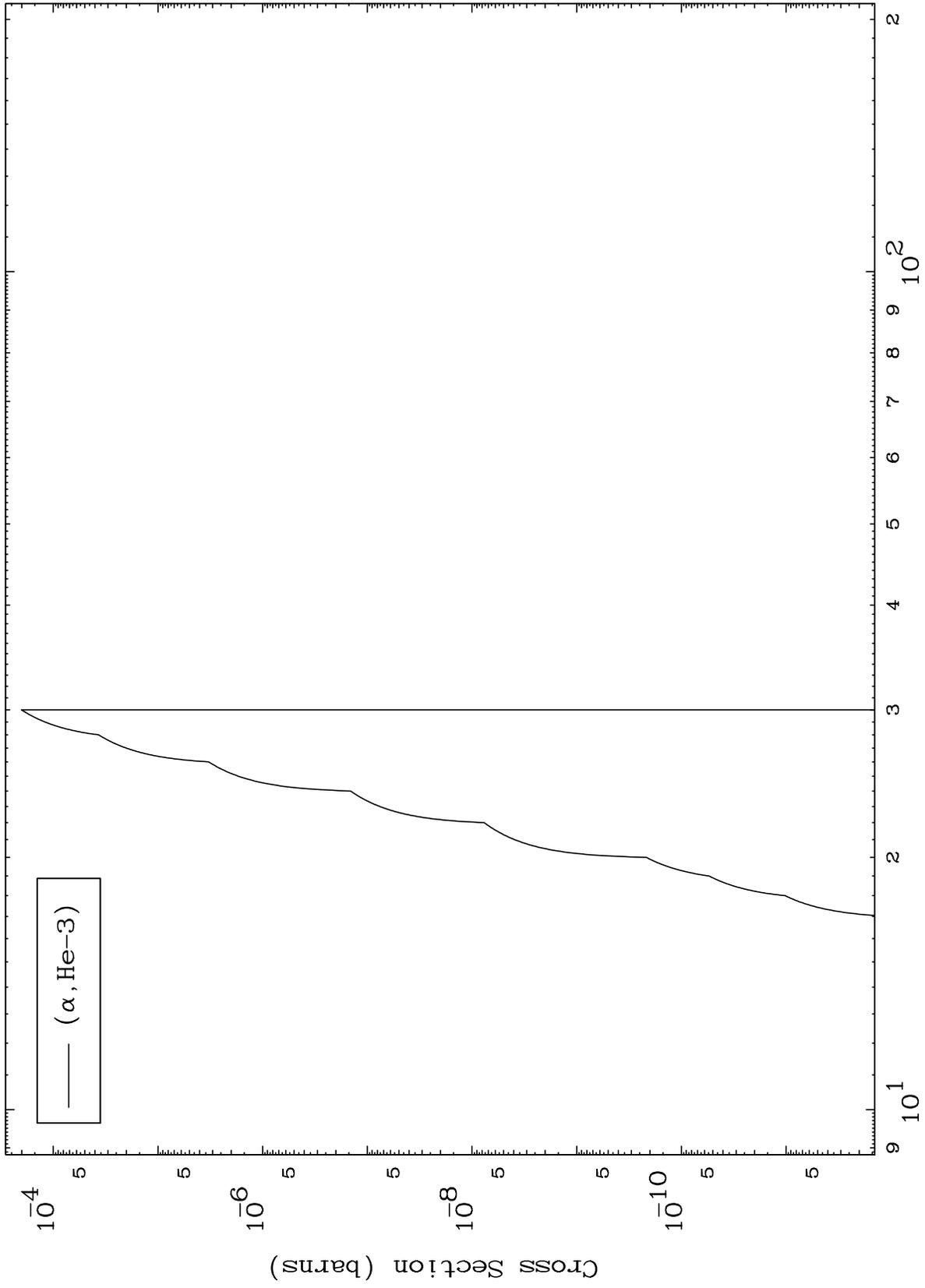
Incident Energy (MeV)

58-Ce-127

MAT 5799

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

58-Ce-127



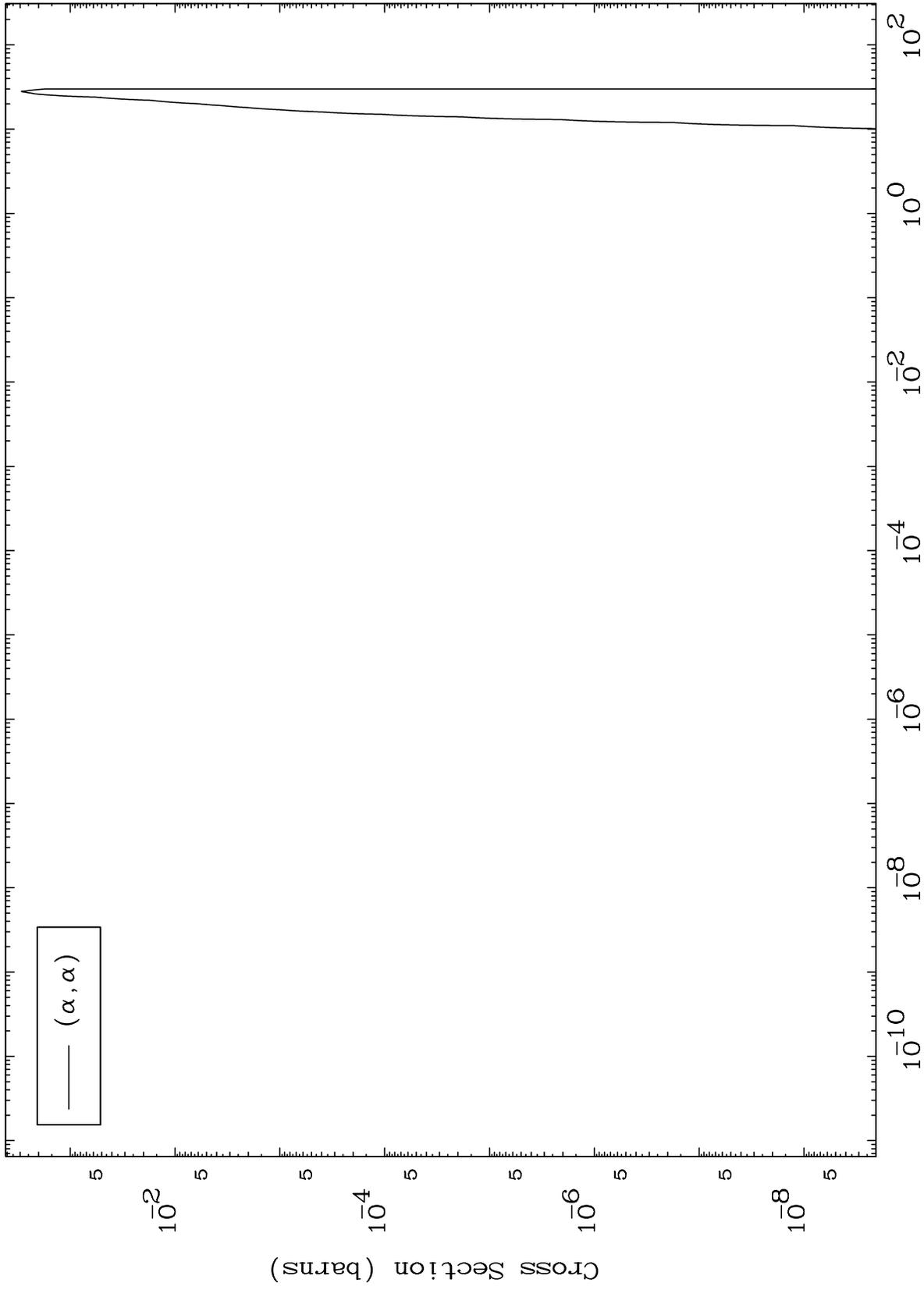
Incident Energy (MeV)

58-Ce-127

MAT 5799

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

58-Ce-127



10

Incident Energy (MeV)

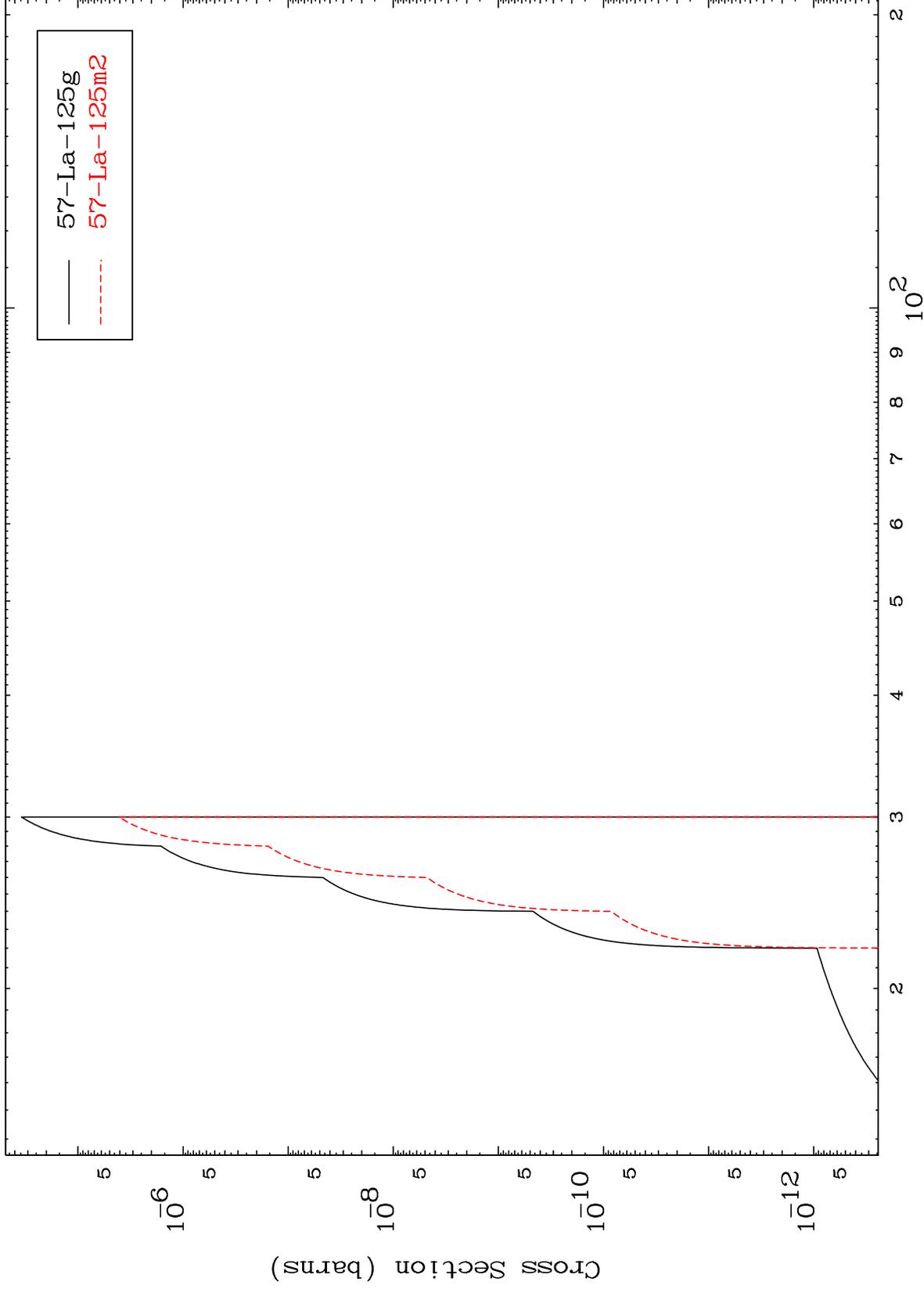
58-Ce-127

MAT 5799

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

58-Ce-127

Radionuclide Production Cross Section



11

Incident Energy (MeV)

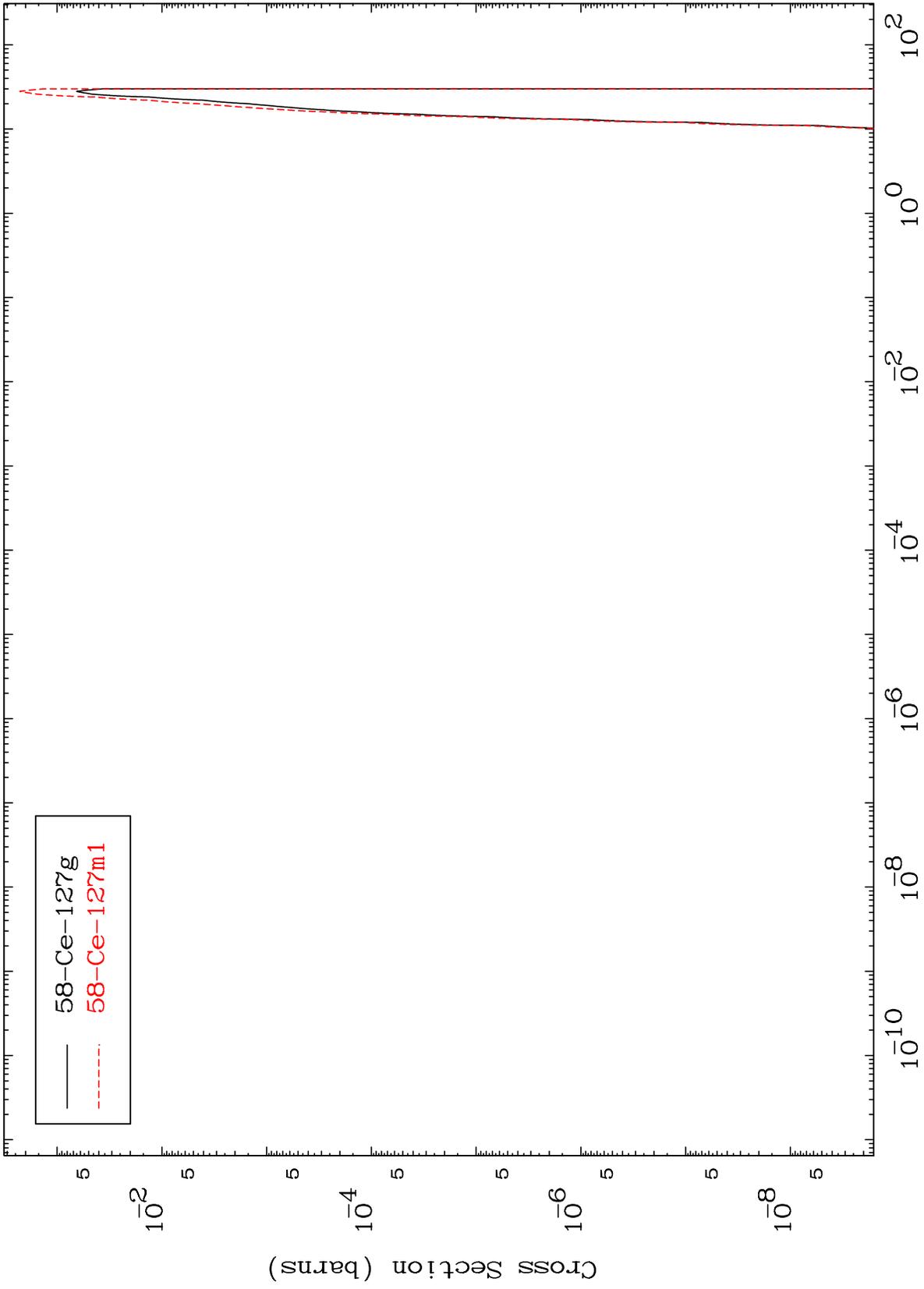
58-Ce-127

MAT 5799

( $\alpha, \alpha$ )

58-Ce-127

Radionuclide Production Cross Section



12

Incident Energy (MeV)

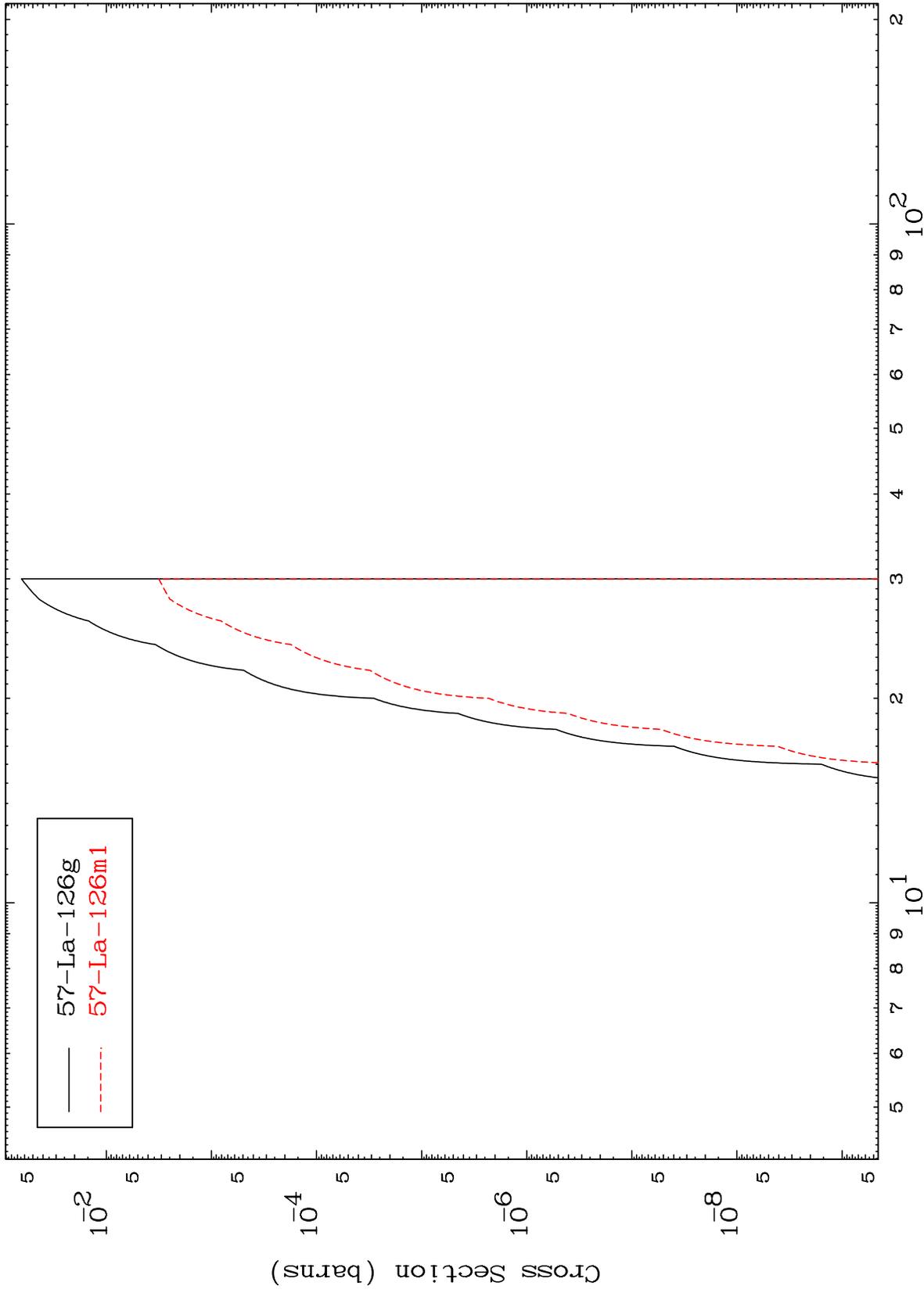
58-Ce-127

MAT 5799

( $\alpha, p$ )  $\alpha$

58-Ce-127

Radionuclide Production Cross Section



13

Incident Energy (MeV)

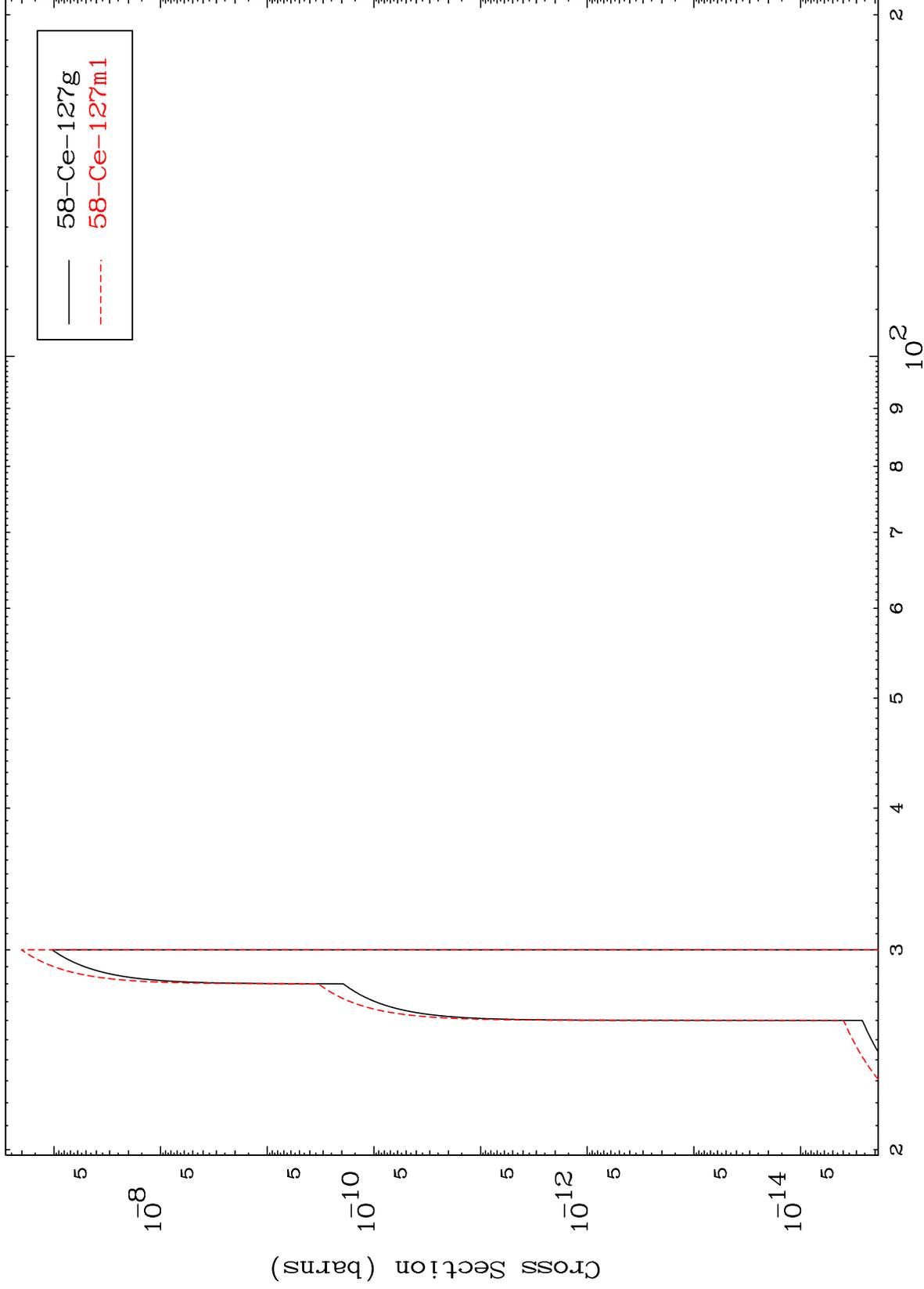
58-Ce-127

MAT 5799

( $\alpha, p$ ) t

58-Ce-127

Radionuclide Production Cross Section



14

Incident Energy (MeV)

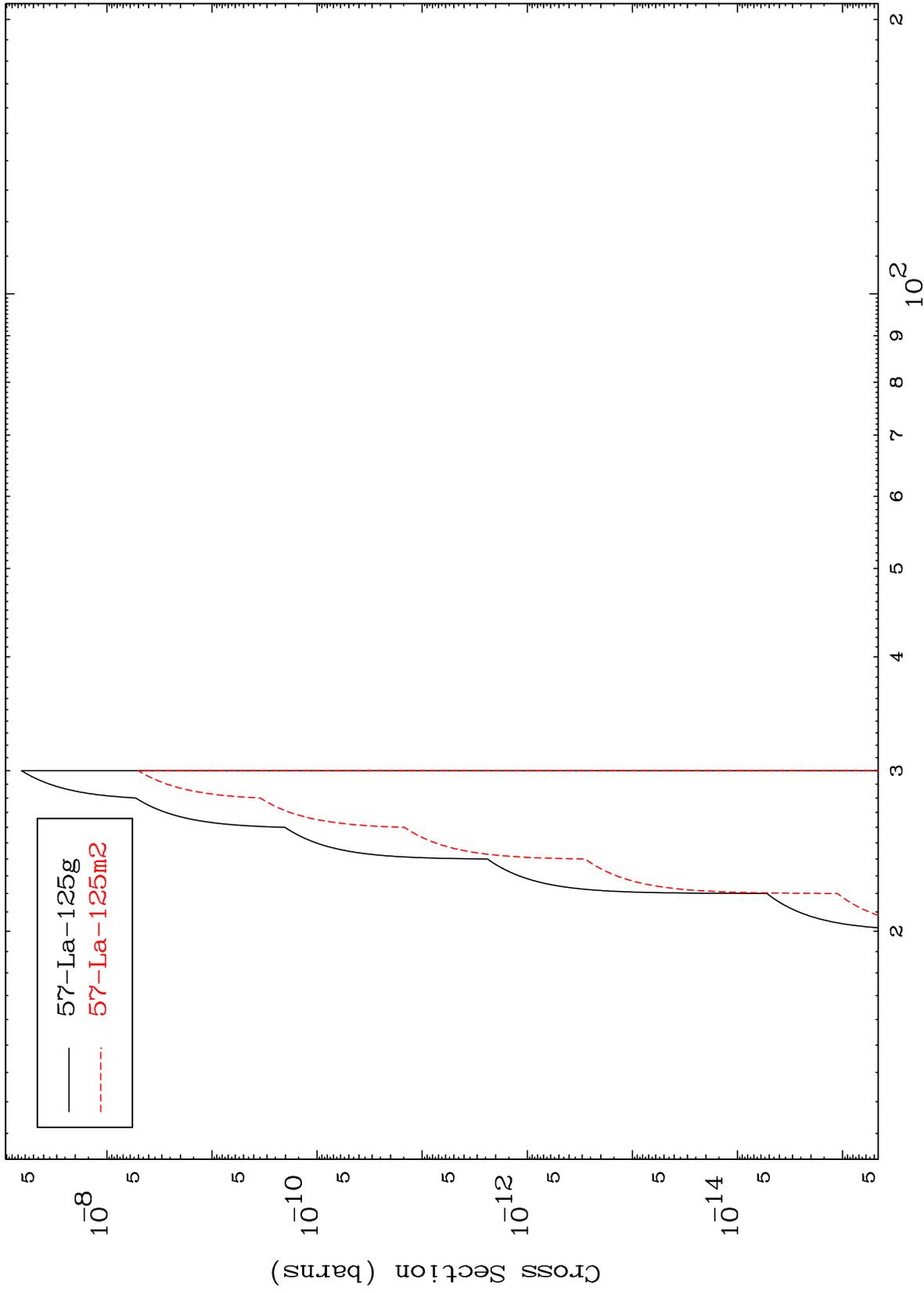
58-Ce-127

MAT 5799

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

58-Ce-127

Radionuclide Production Cross Section



15

Incident Energy (MeV)

58-Ce-127