

Program EVALPLOT  
(Version 2018-1)

by

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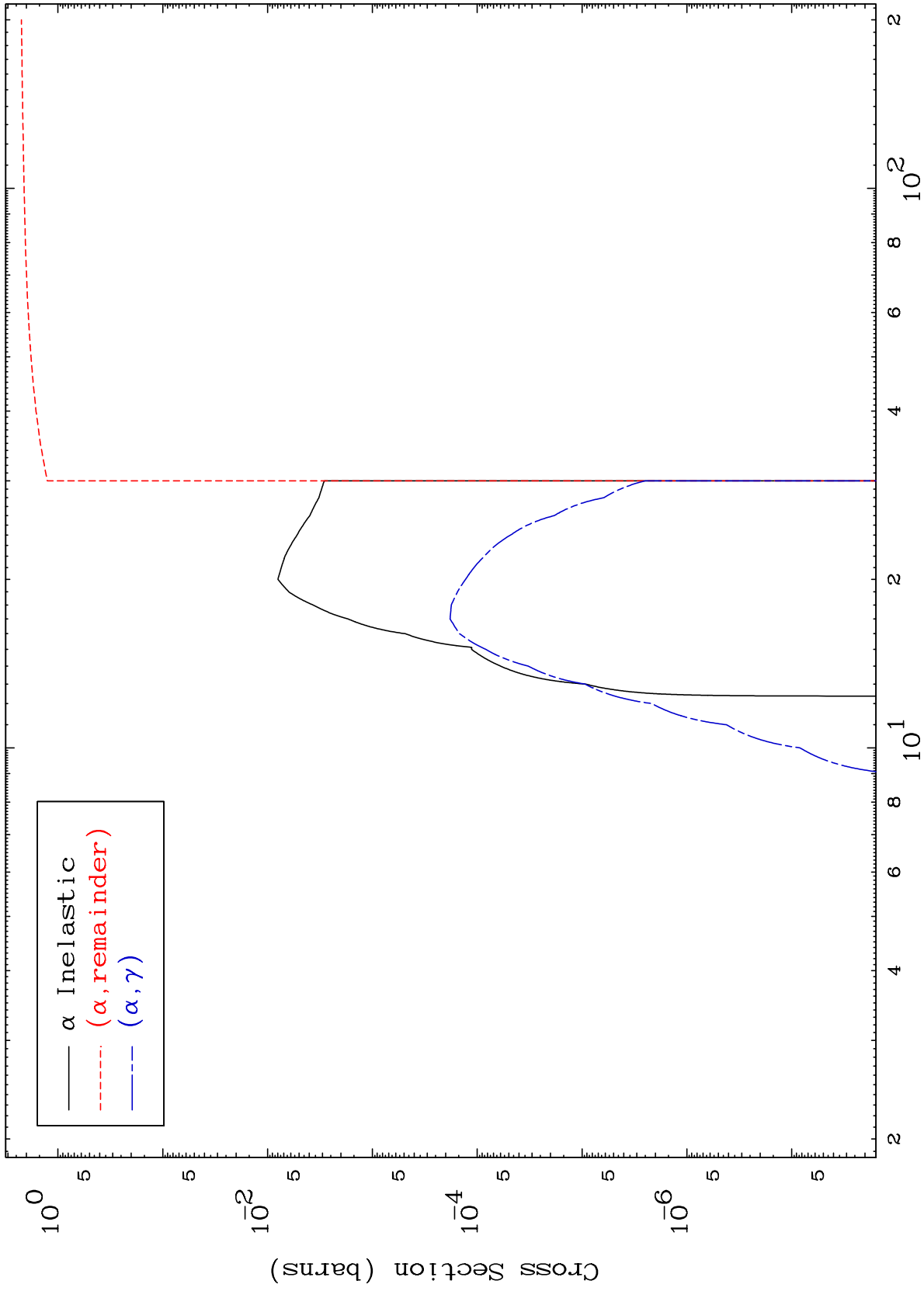
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5792

0 Kelvin  $\alpha$  Major  
Cross Sections

58-Ce-125



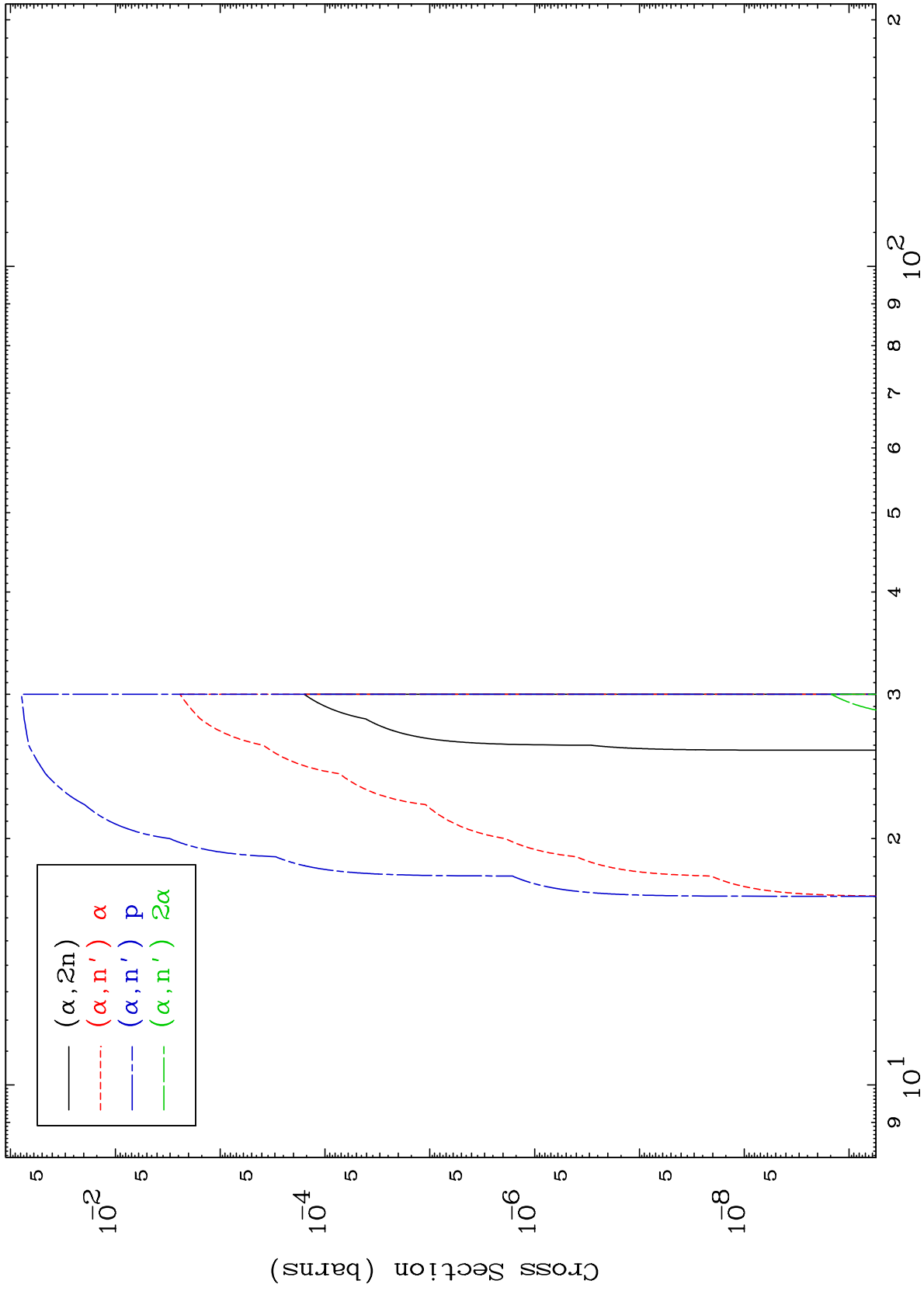
1

58-Ce-125

MAT 5792

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

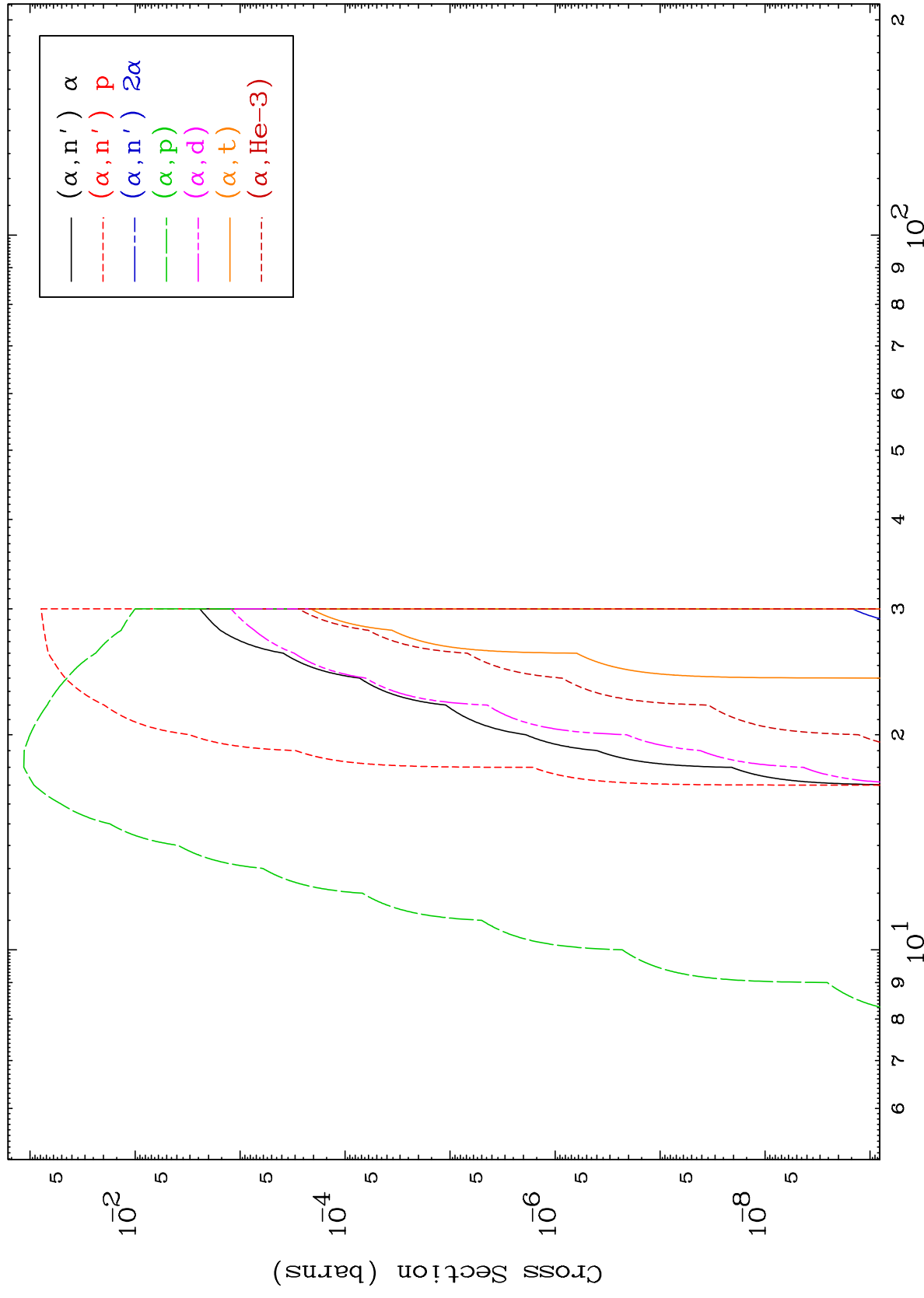
58-Ce-125



2

Incident Energy (MeV)

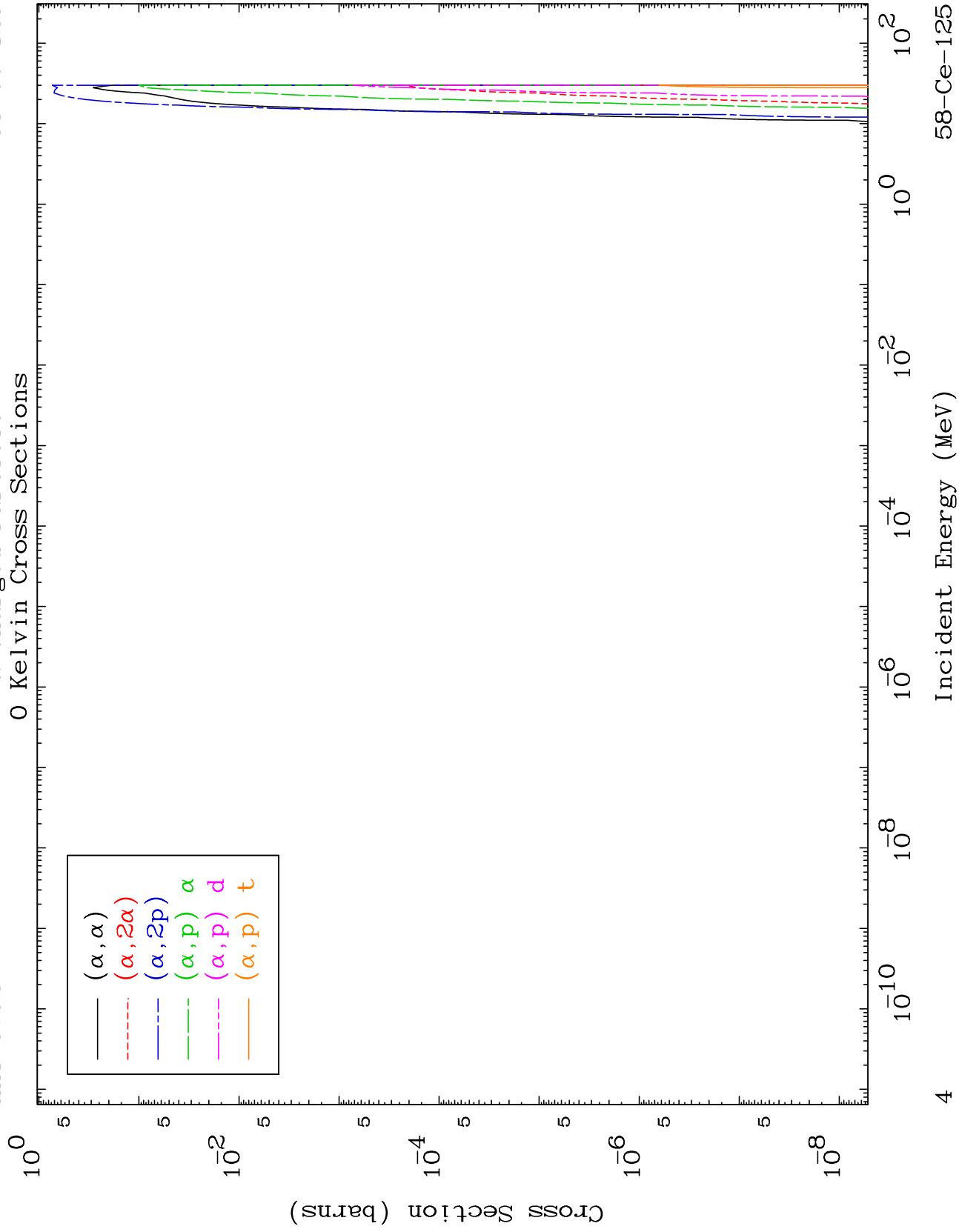
58-Ce-125



MAT 5792

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

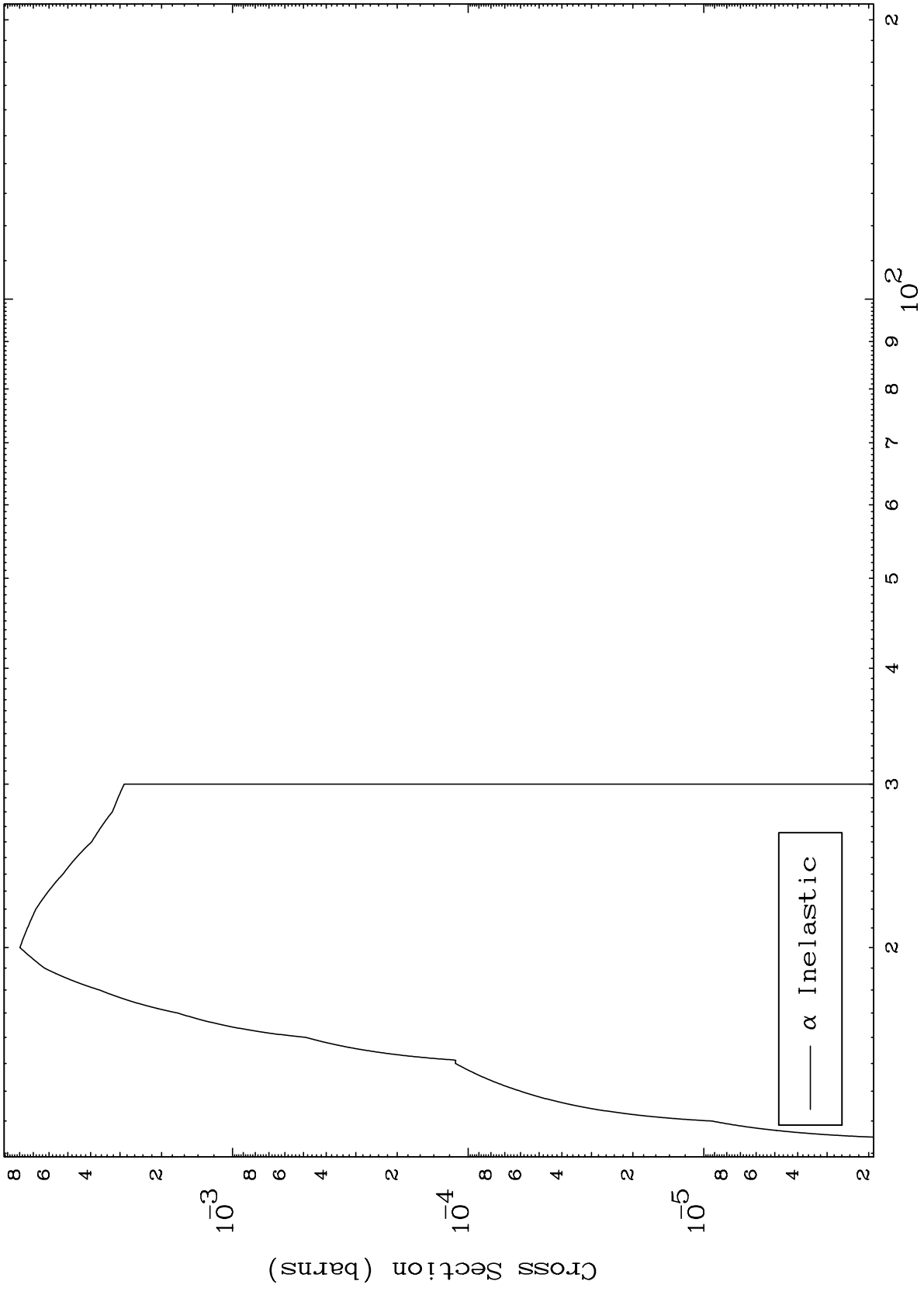
58-Ce-125



MAT 5792

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

58-Ce-125



5

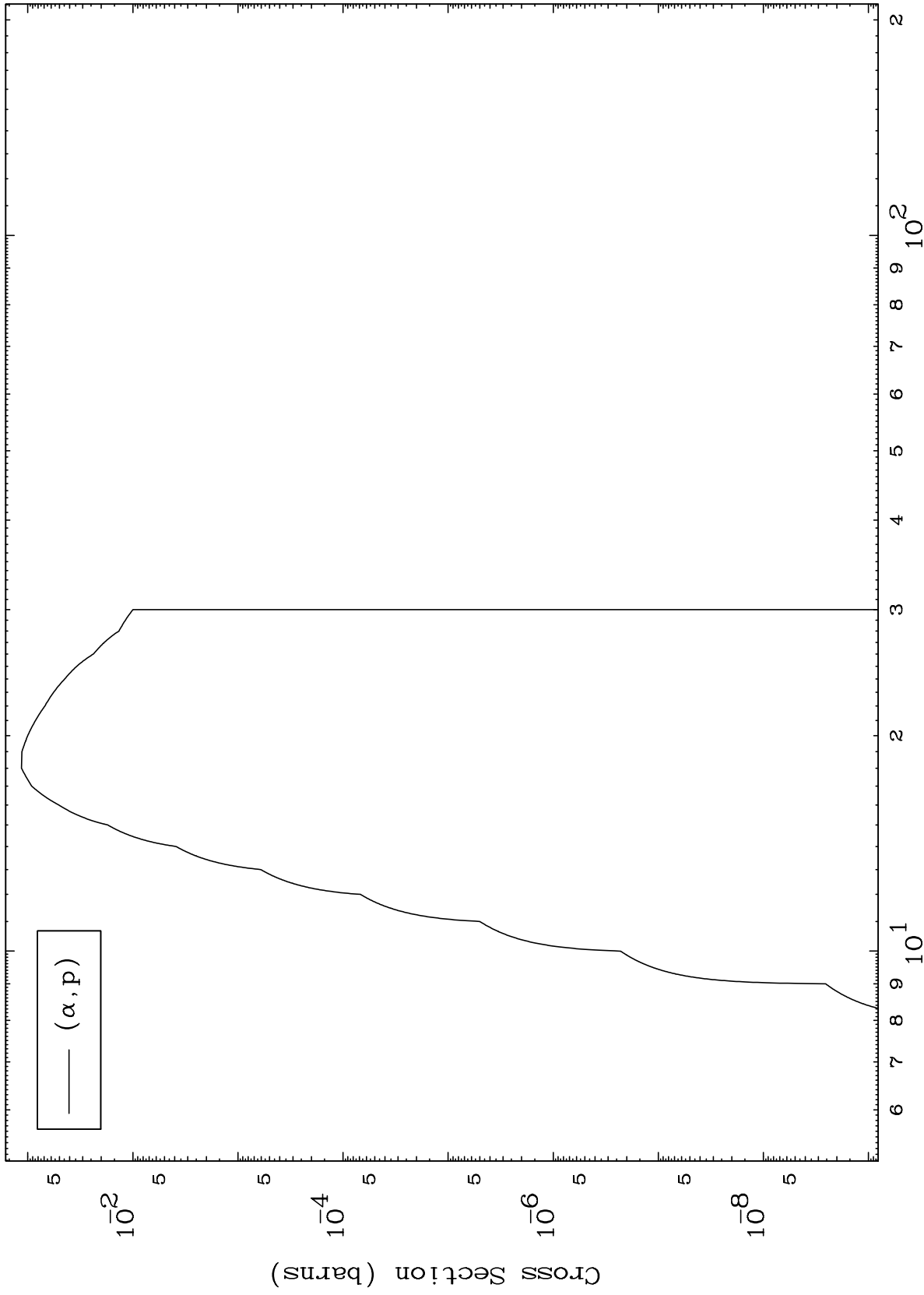
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



6

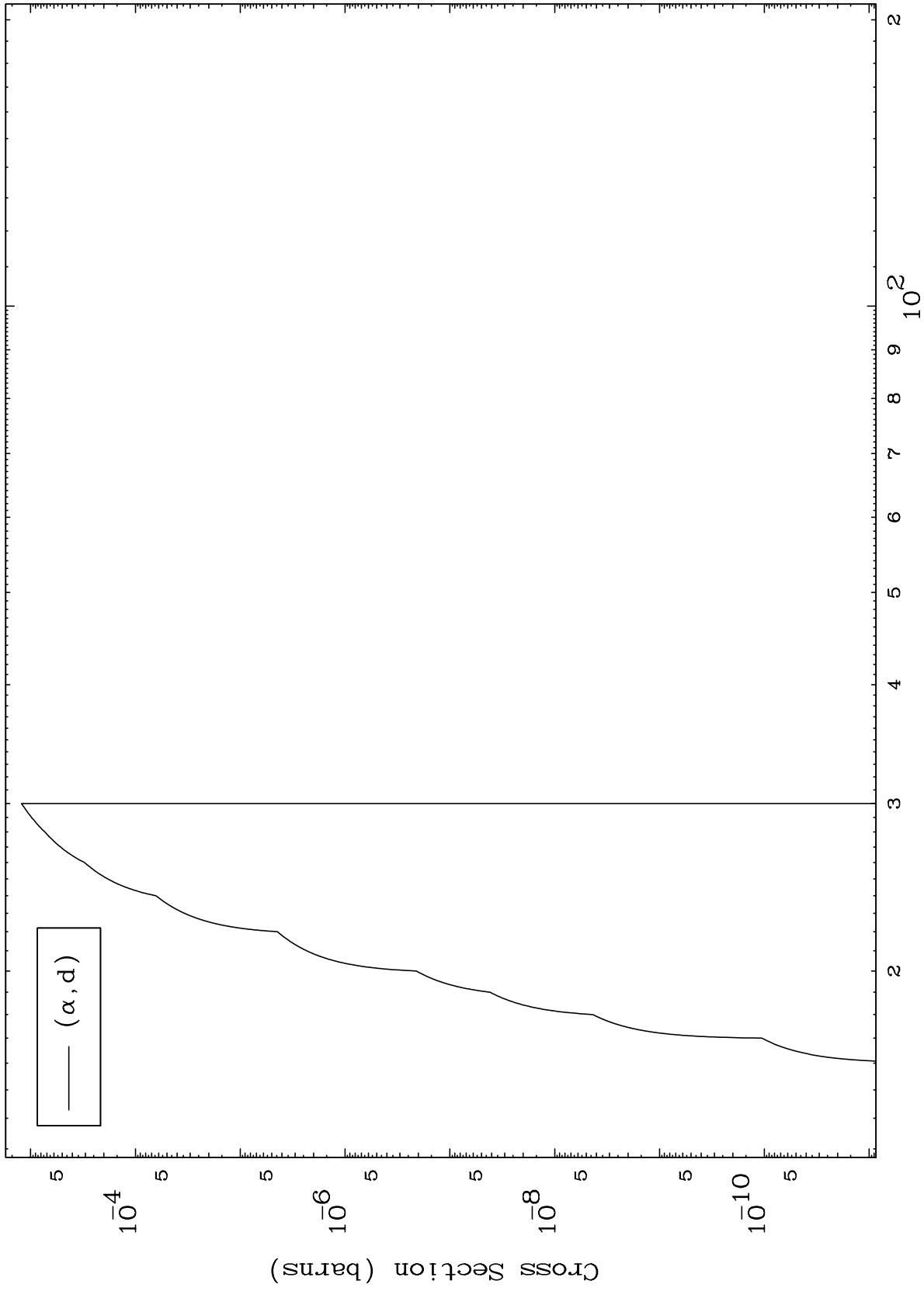
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



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Incident Energy (MeV)

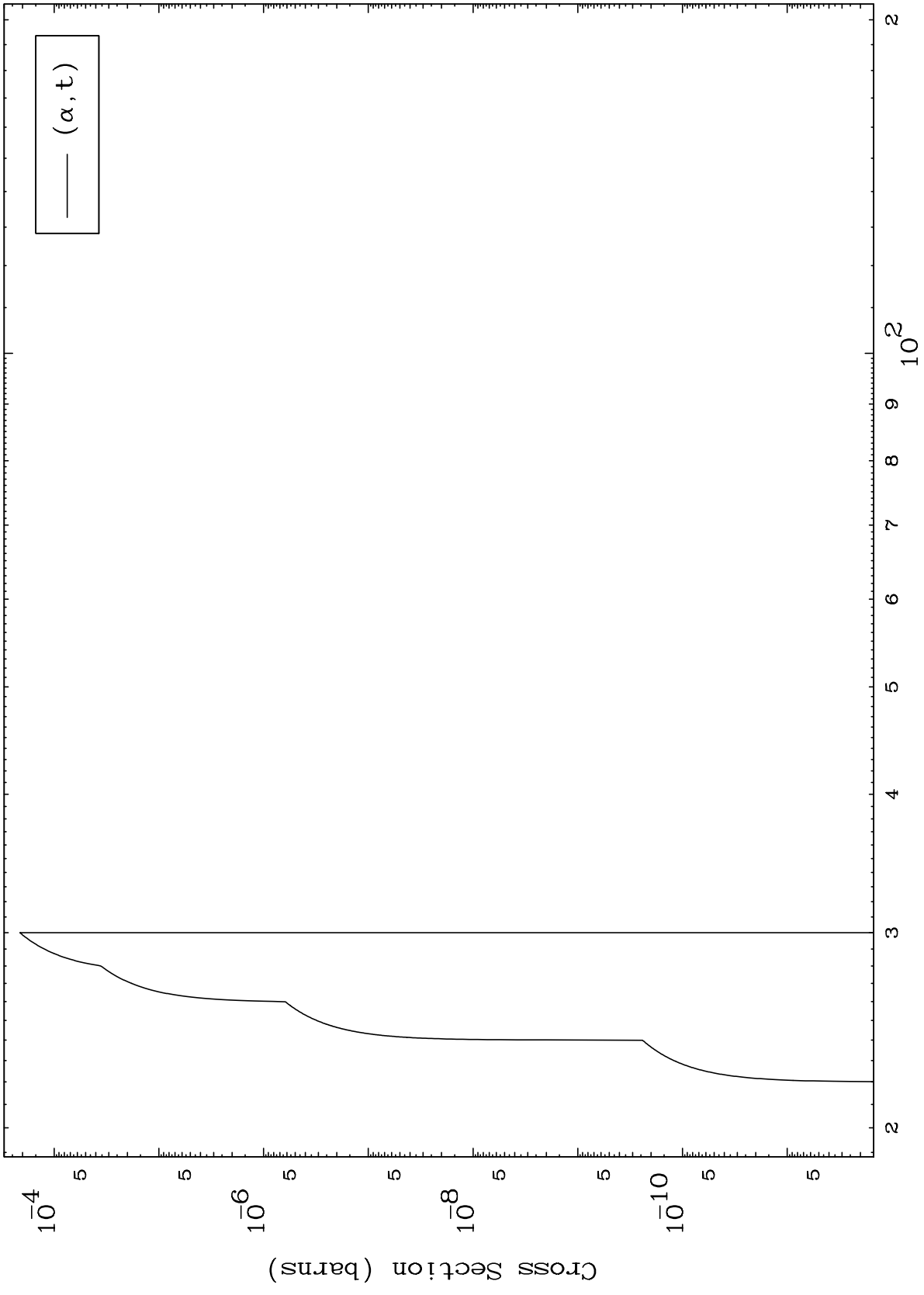
58-Ce-125



MAT 5792

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

58-Ce-125



8

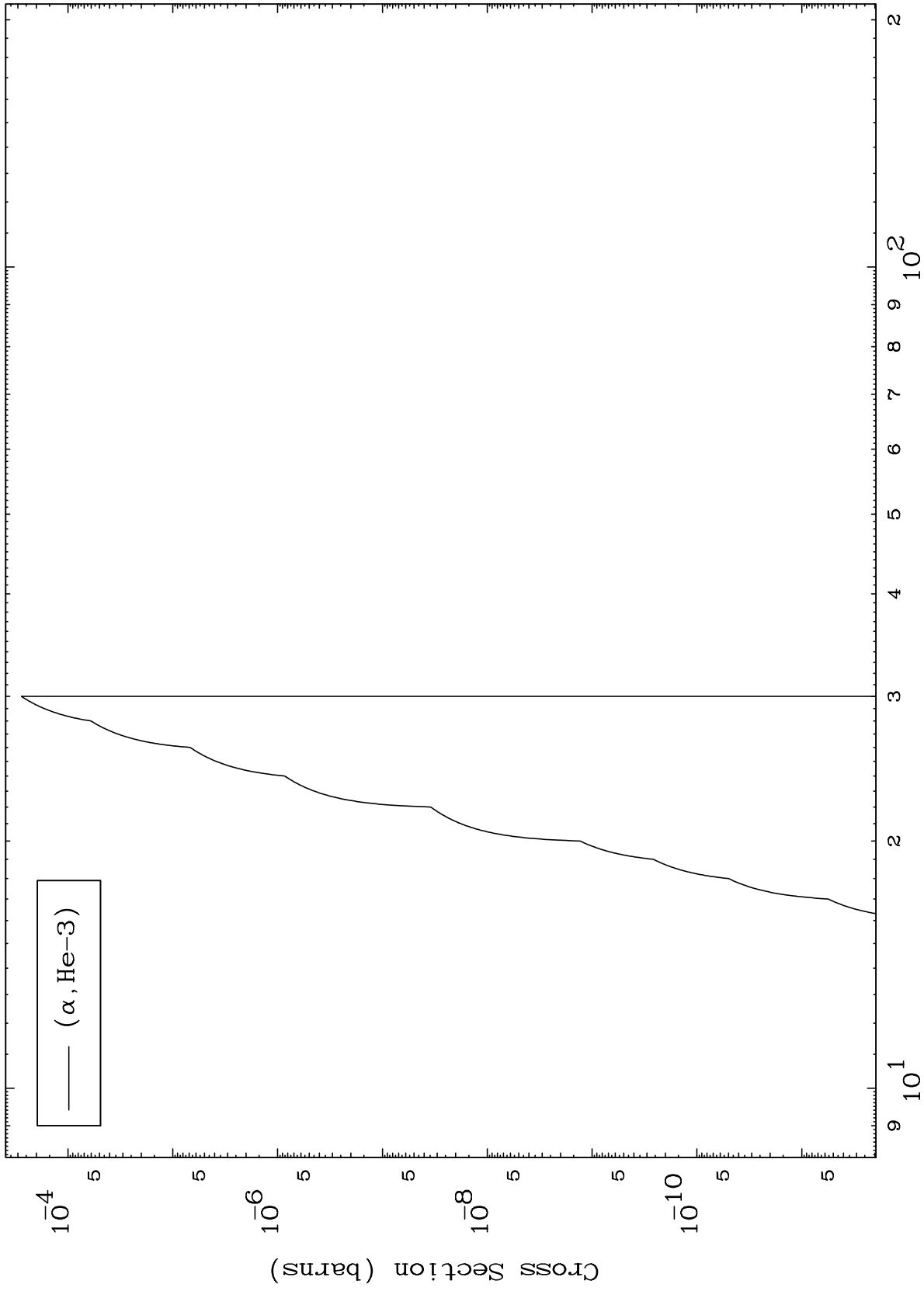
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



9

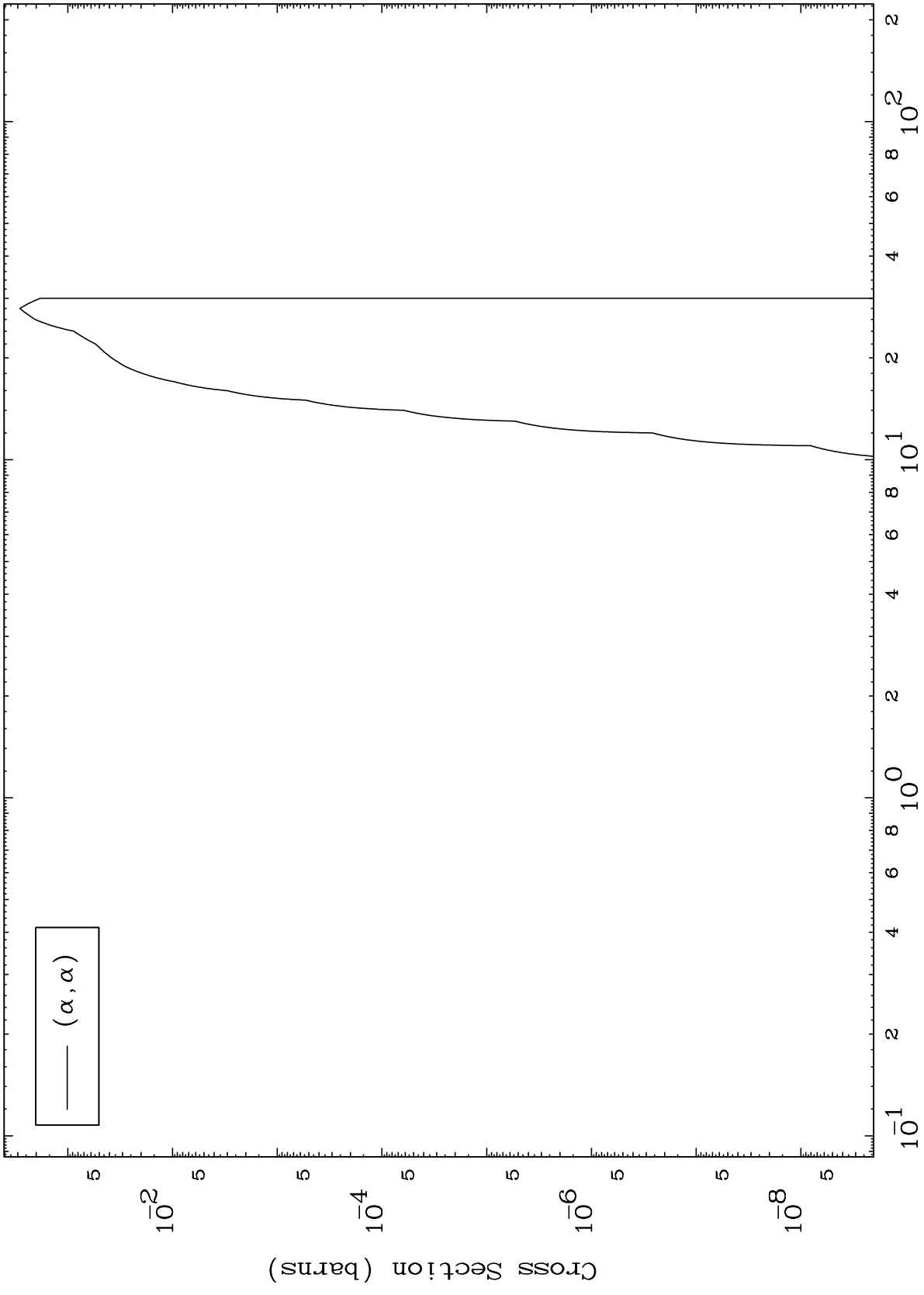
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



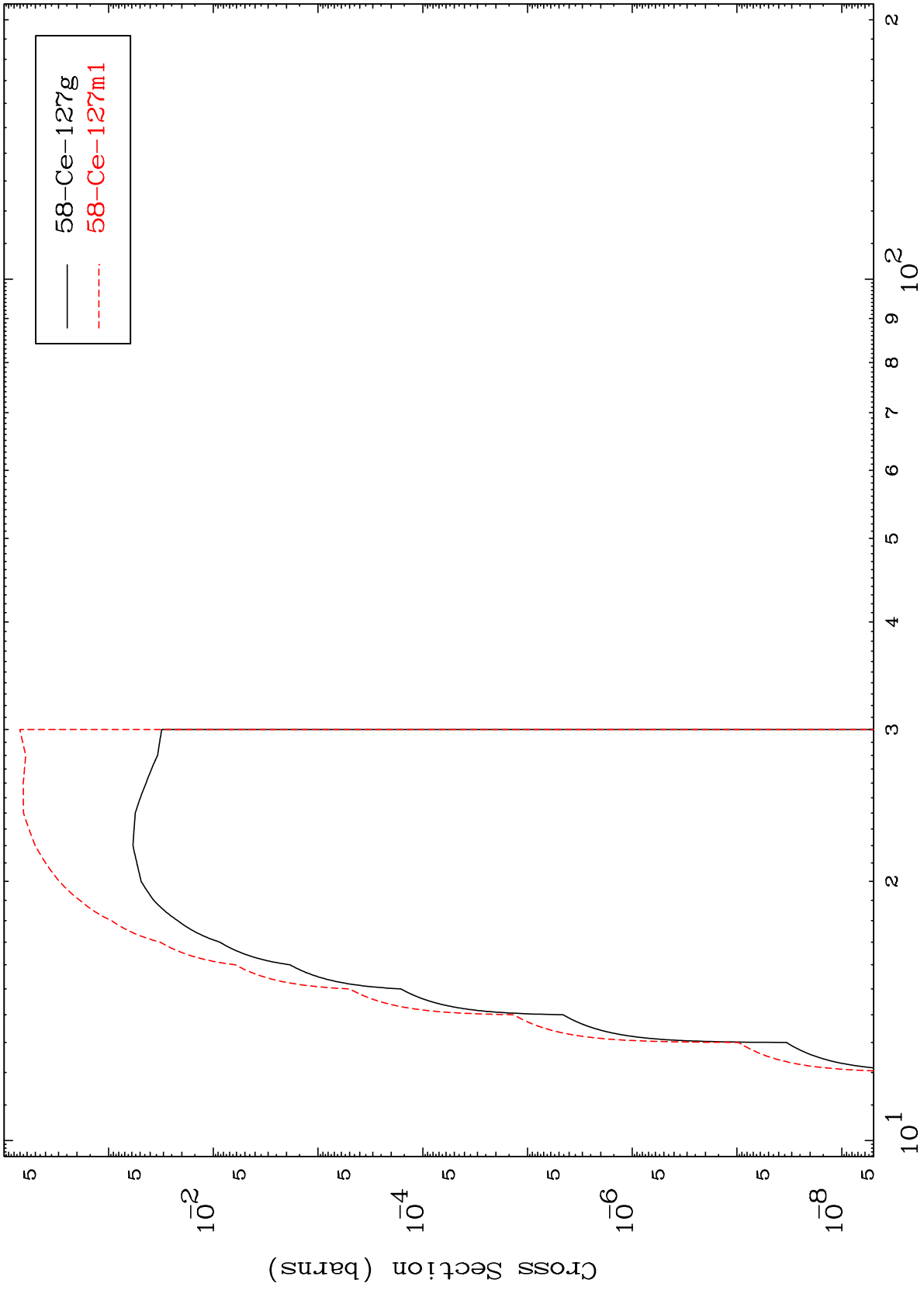
Incident Energy (MeV)

58-Ce-125

MAT 5792

58-Ce-125

( $\alpha, 2p$ )  
Radionuclide Production Cross Section



58-Ce-125

Incident Energy (MeV)

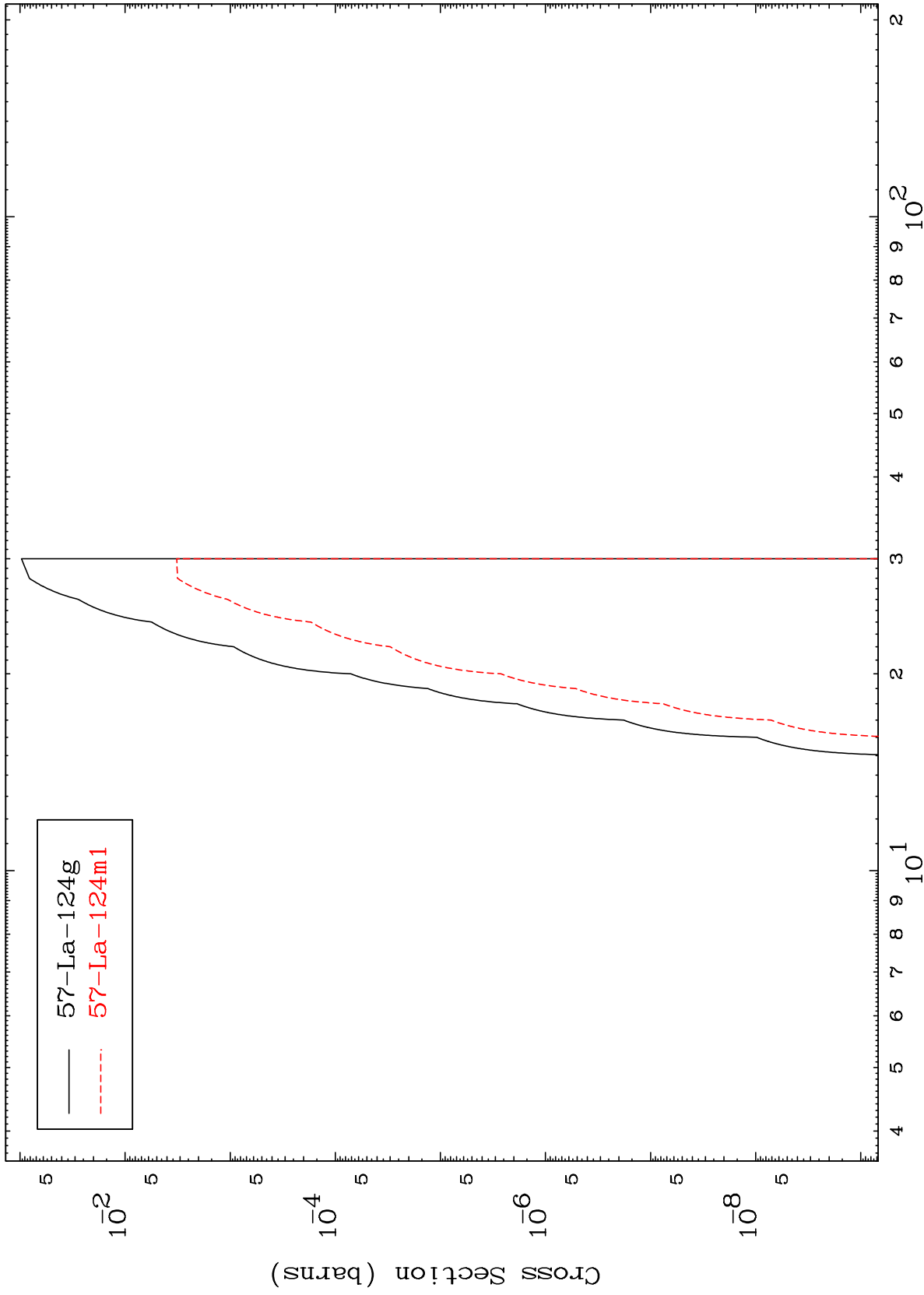
11

MAT 5792

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

58-Ce-125

Radionuclide Production Cross Section



12

Incident Energy (MeV)

58-Ce-125