

Program EVALPLOT  
(Version 2021-1)

by

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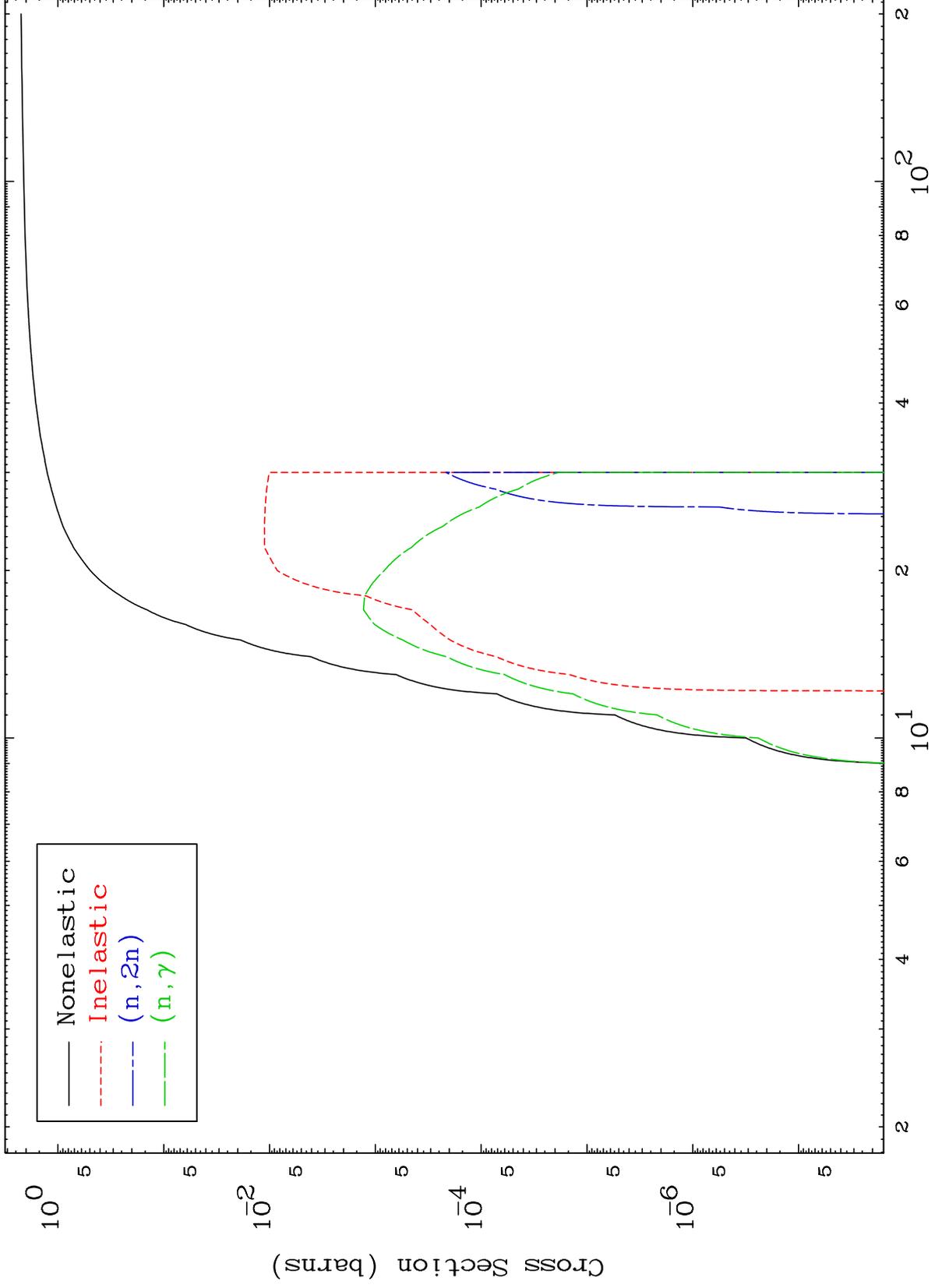
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5792

0 Kelvin Major  
 $\alpha$  Major

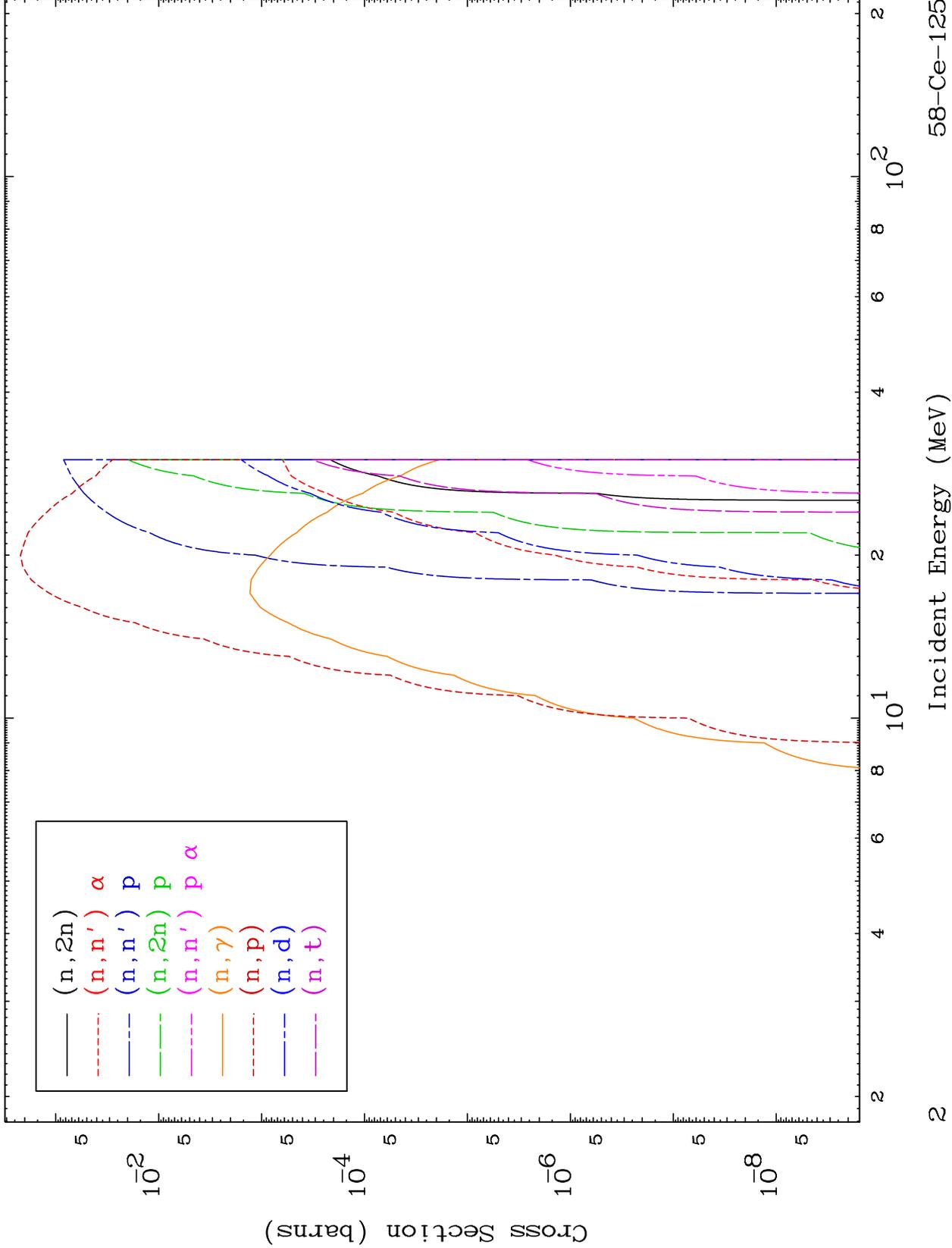
58-Ce-125



1

Incident Energy (MeV)

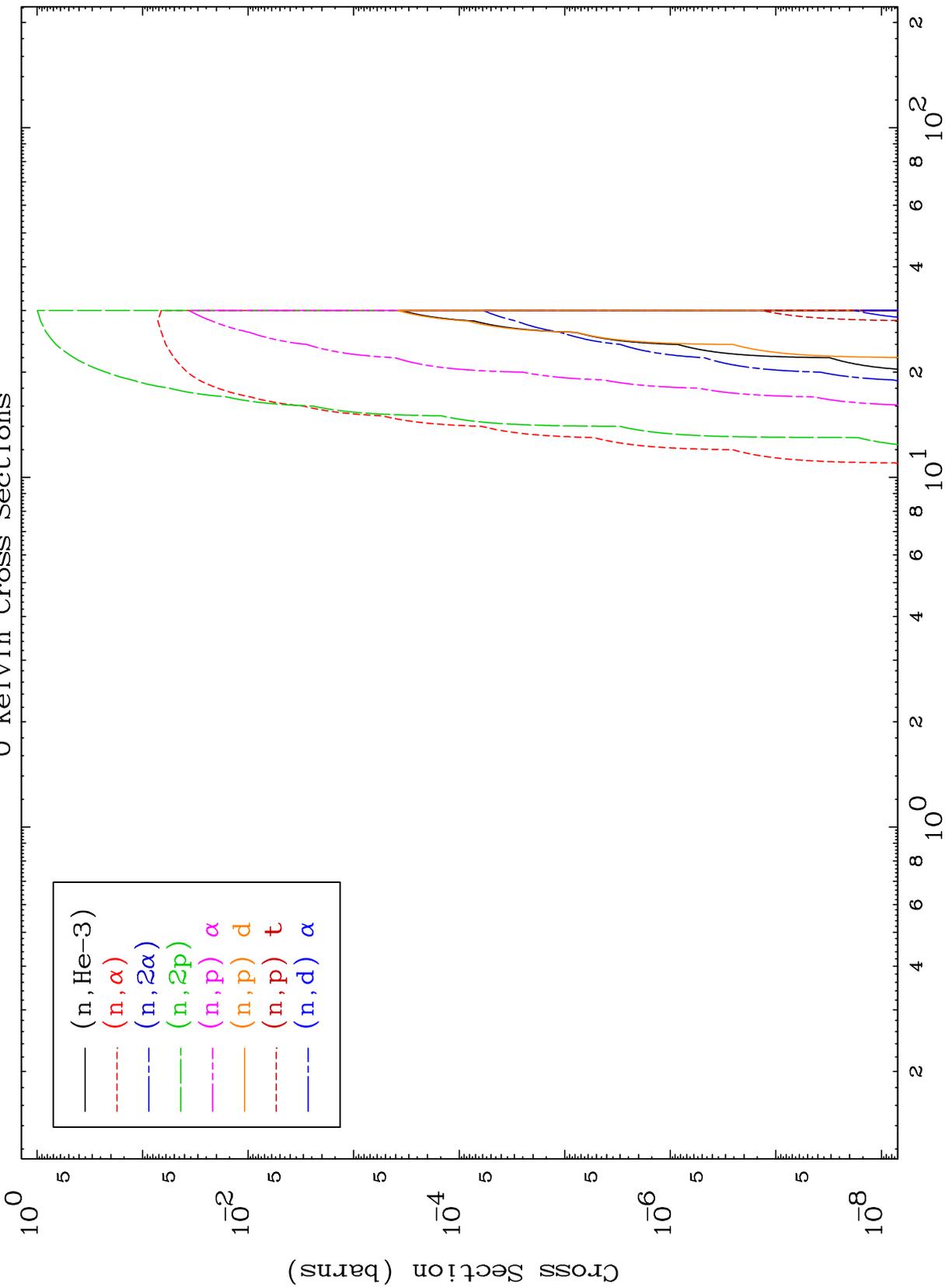
58-Ce-125



MAT 5792

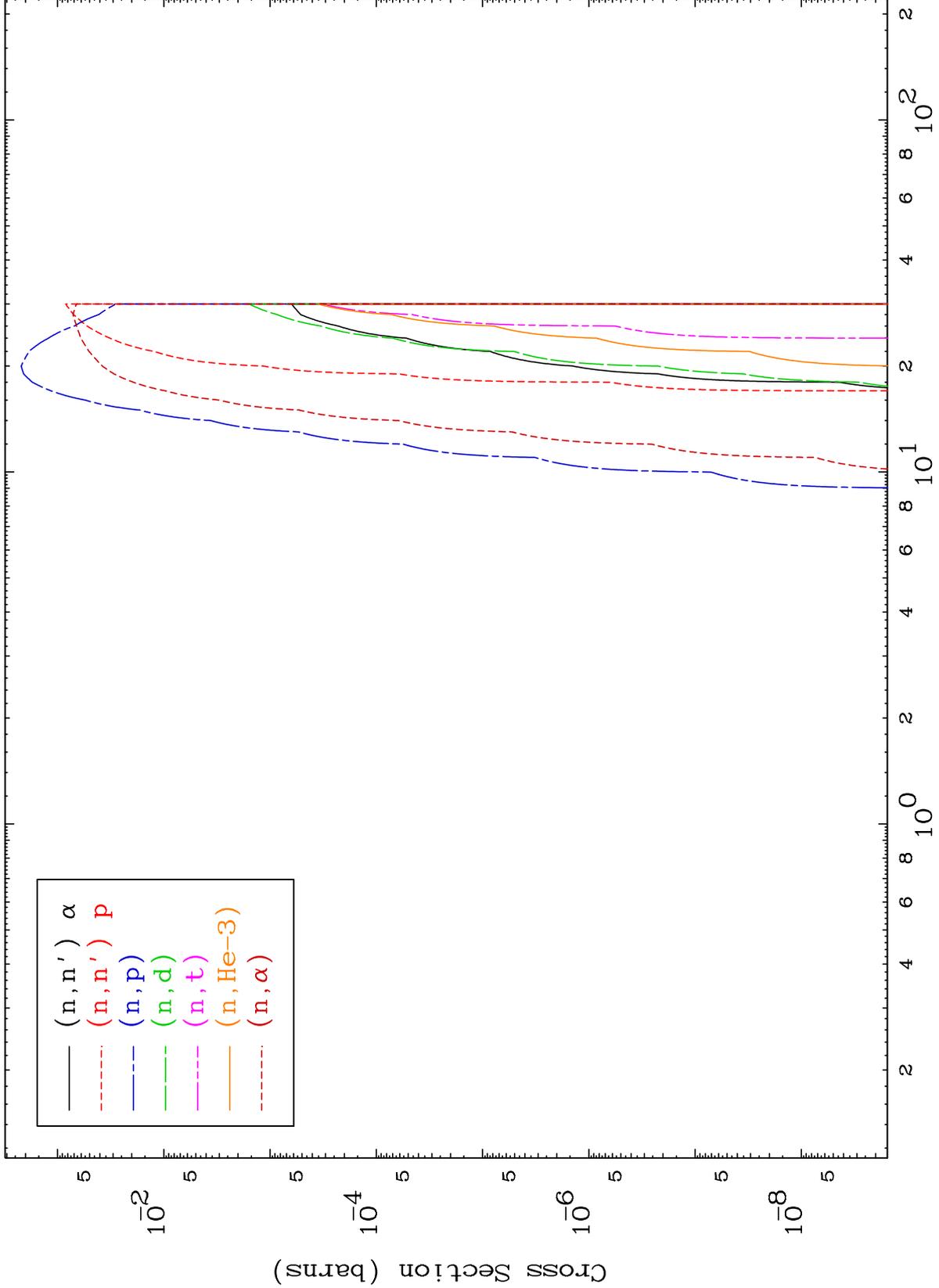
$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

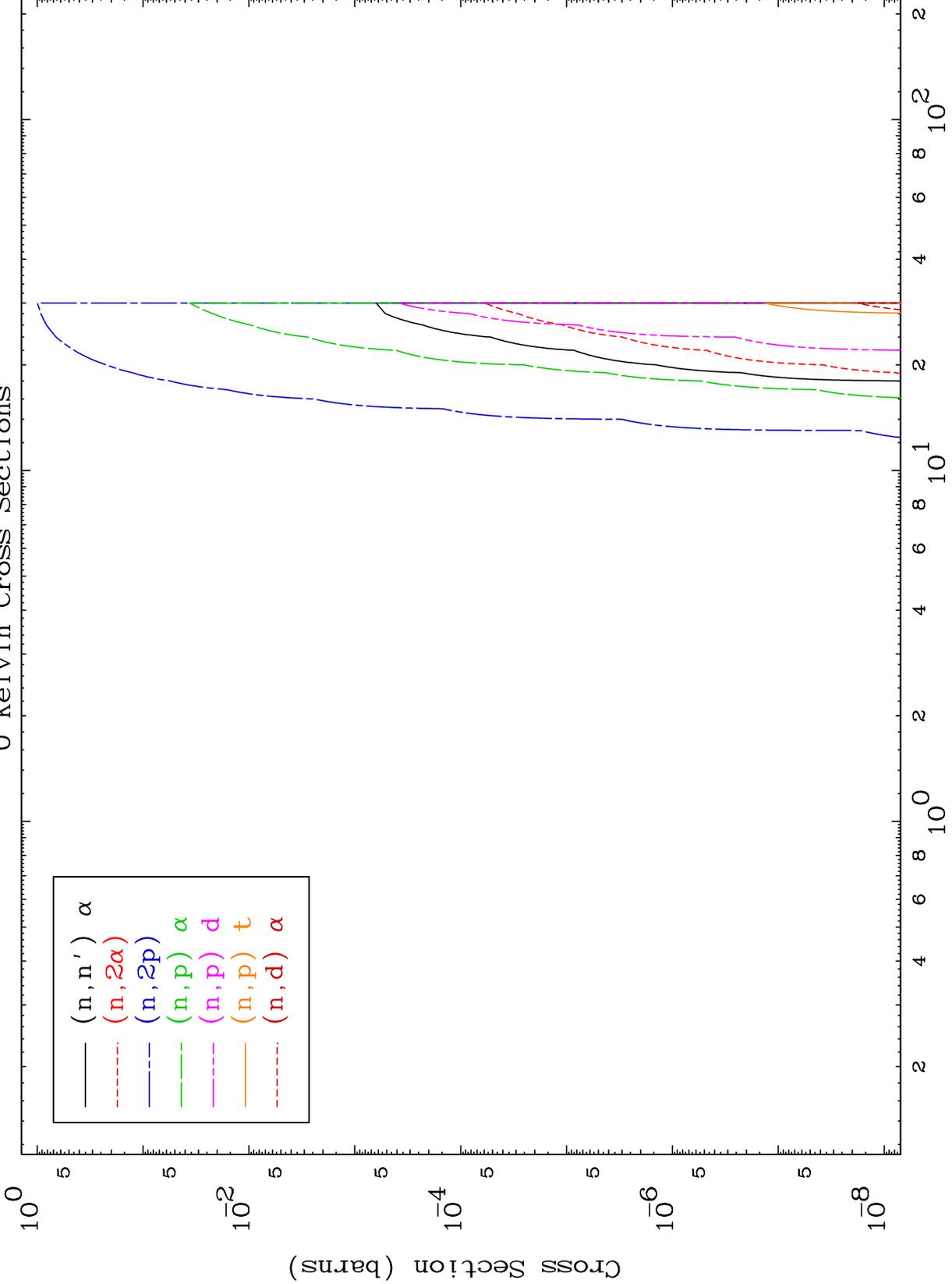
58-Ce-125



58-Ce-125

Incident Energy (MeV)

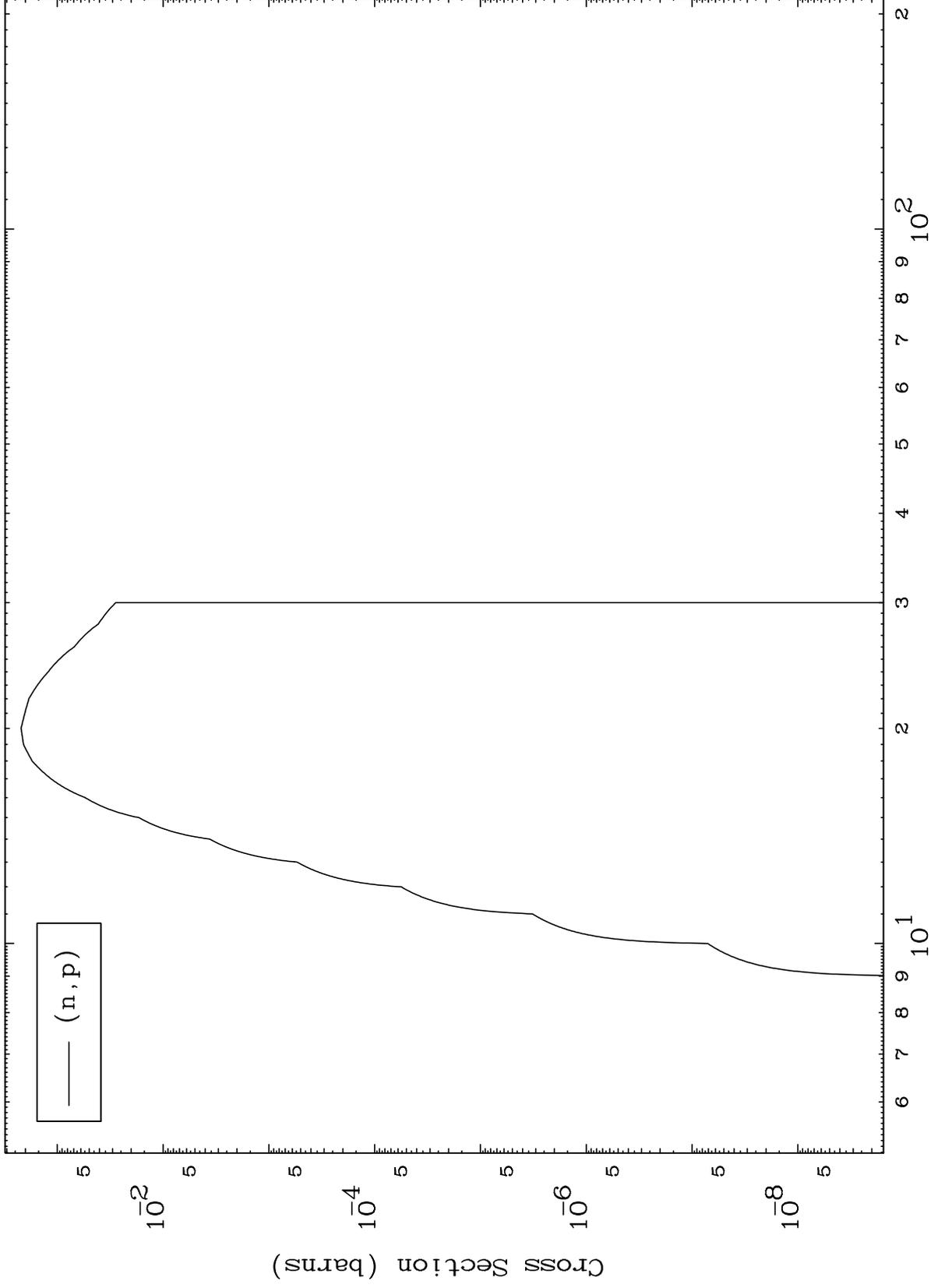




MAT 5792

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

58-Ce-125



6

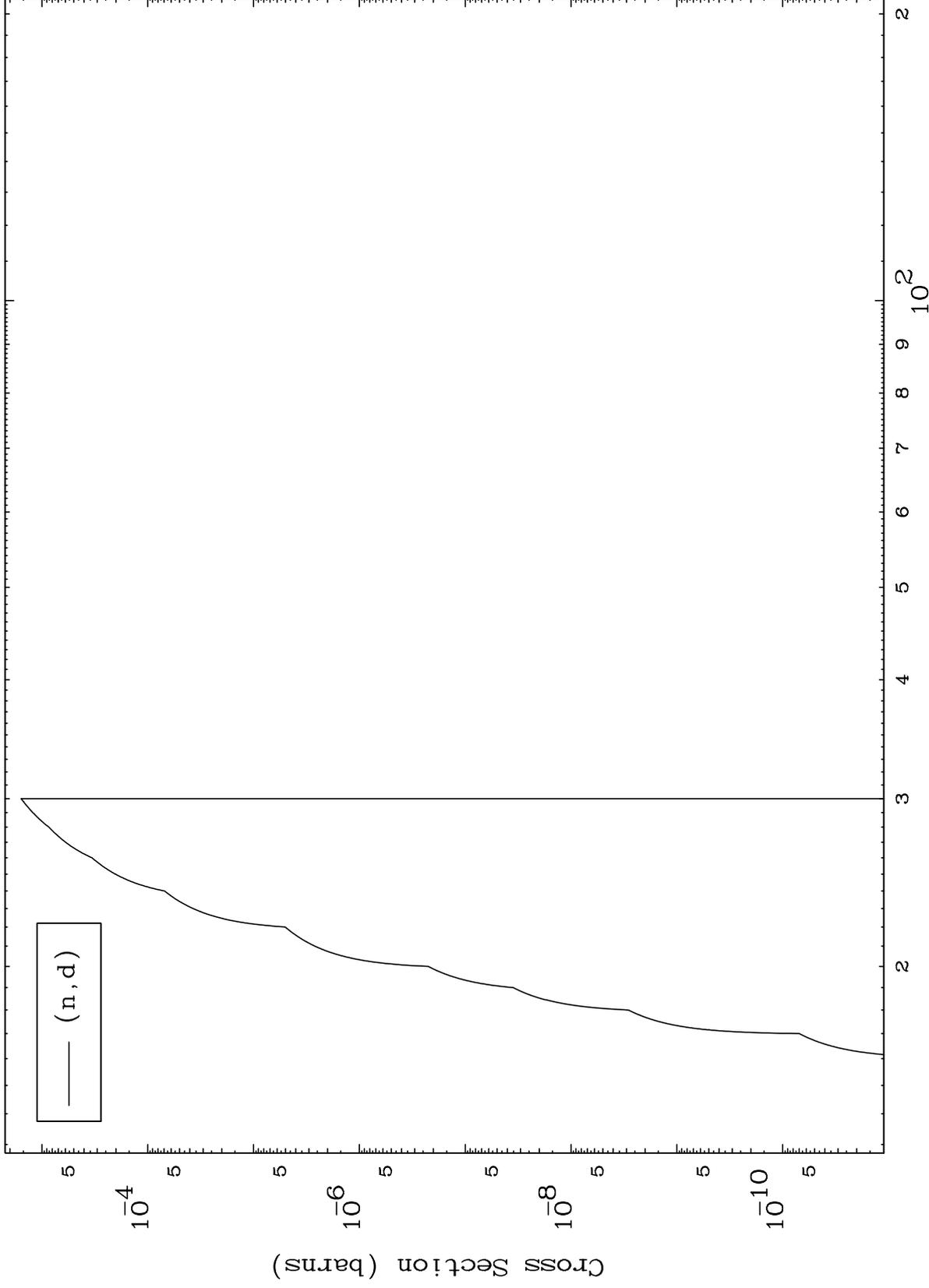
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



7

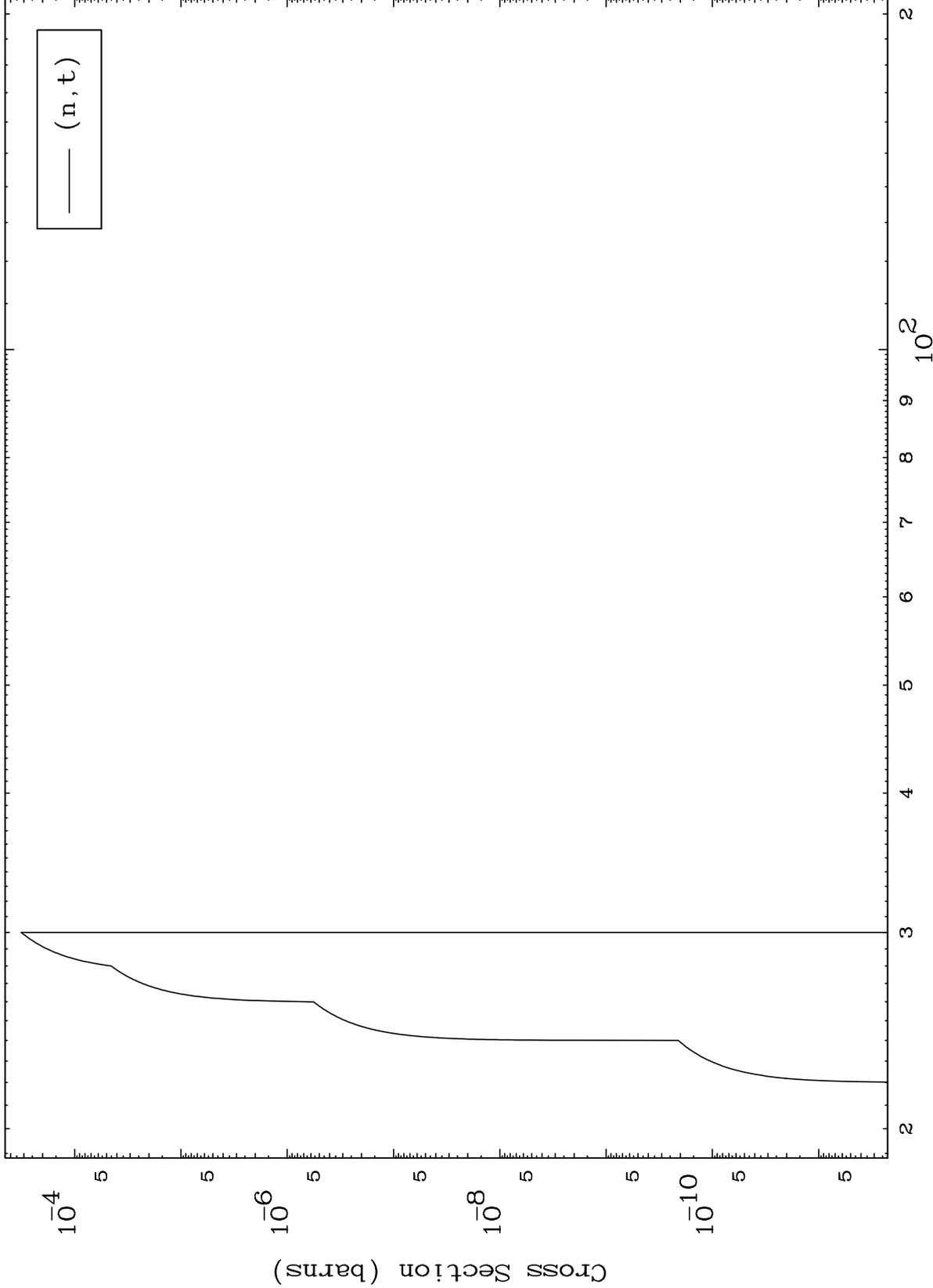
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



8

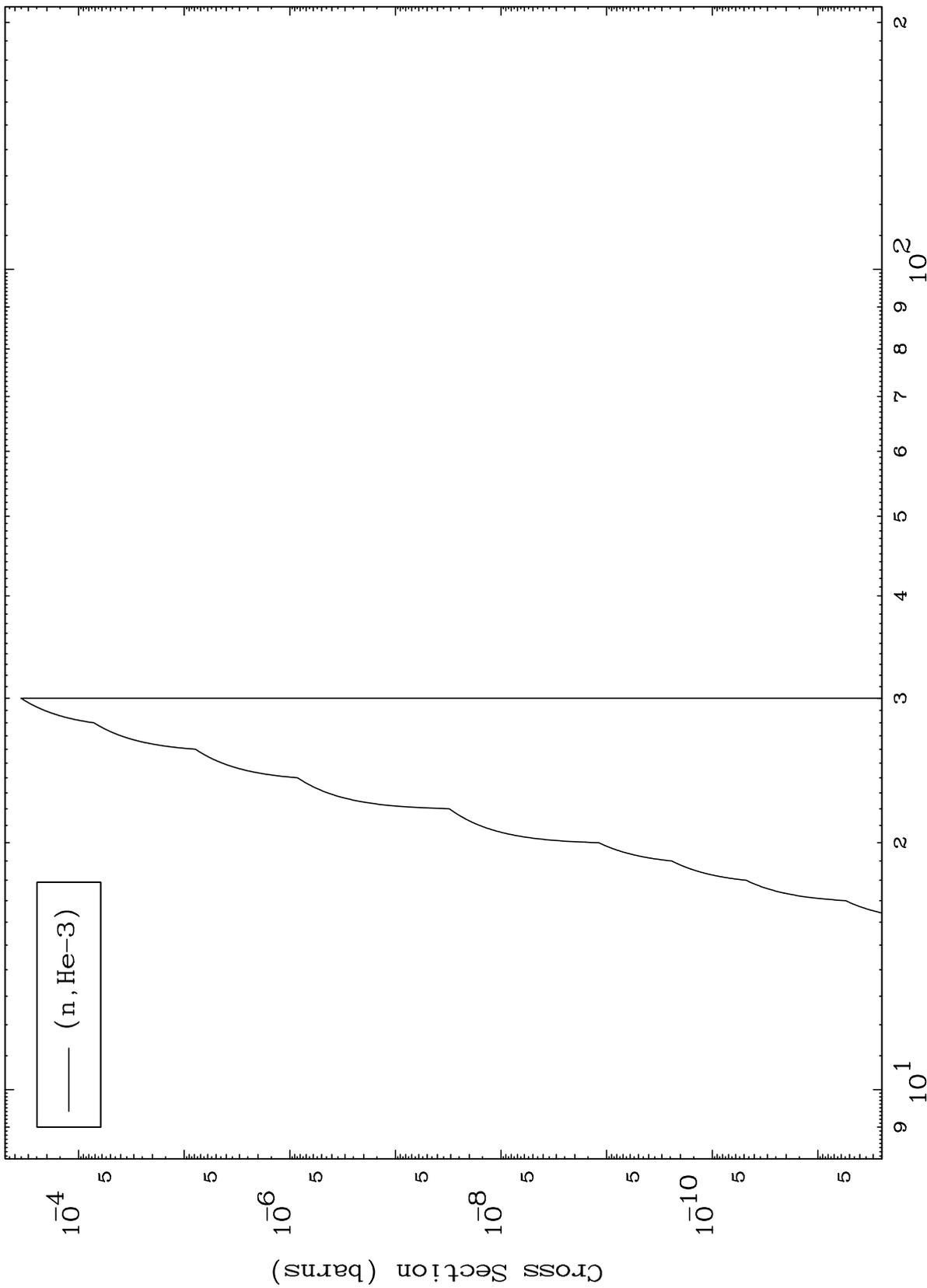
Incident Energy (MeV)

58-Ce-125

MAT 5792

58-Ce-125

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



9

Incident Energy (MeV)

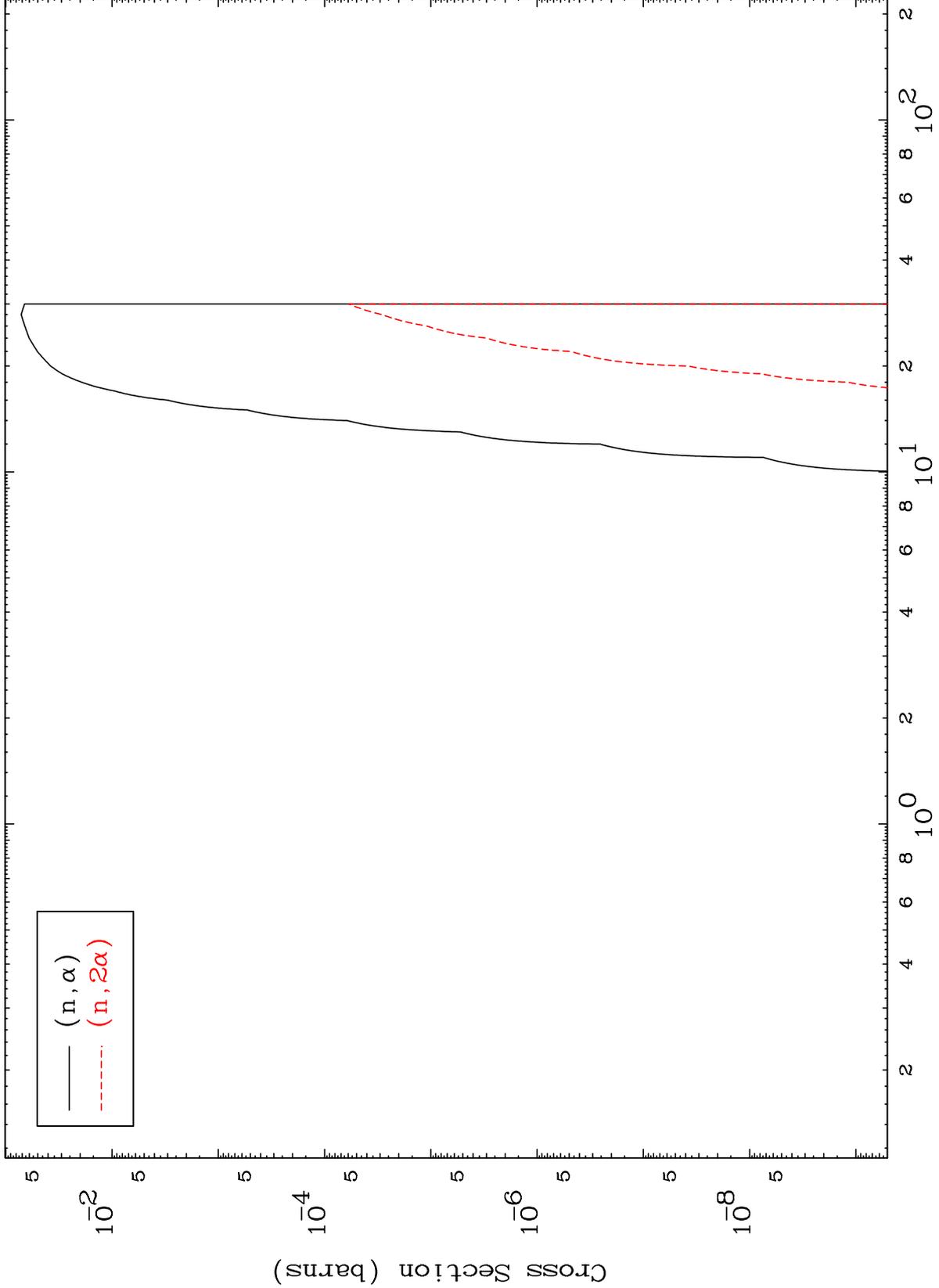
58-Ce-125

MAT 5792

( $\alpha, \alpha$ ) Levels

58-Ce-125

0 Kelvin Cross Sections



10

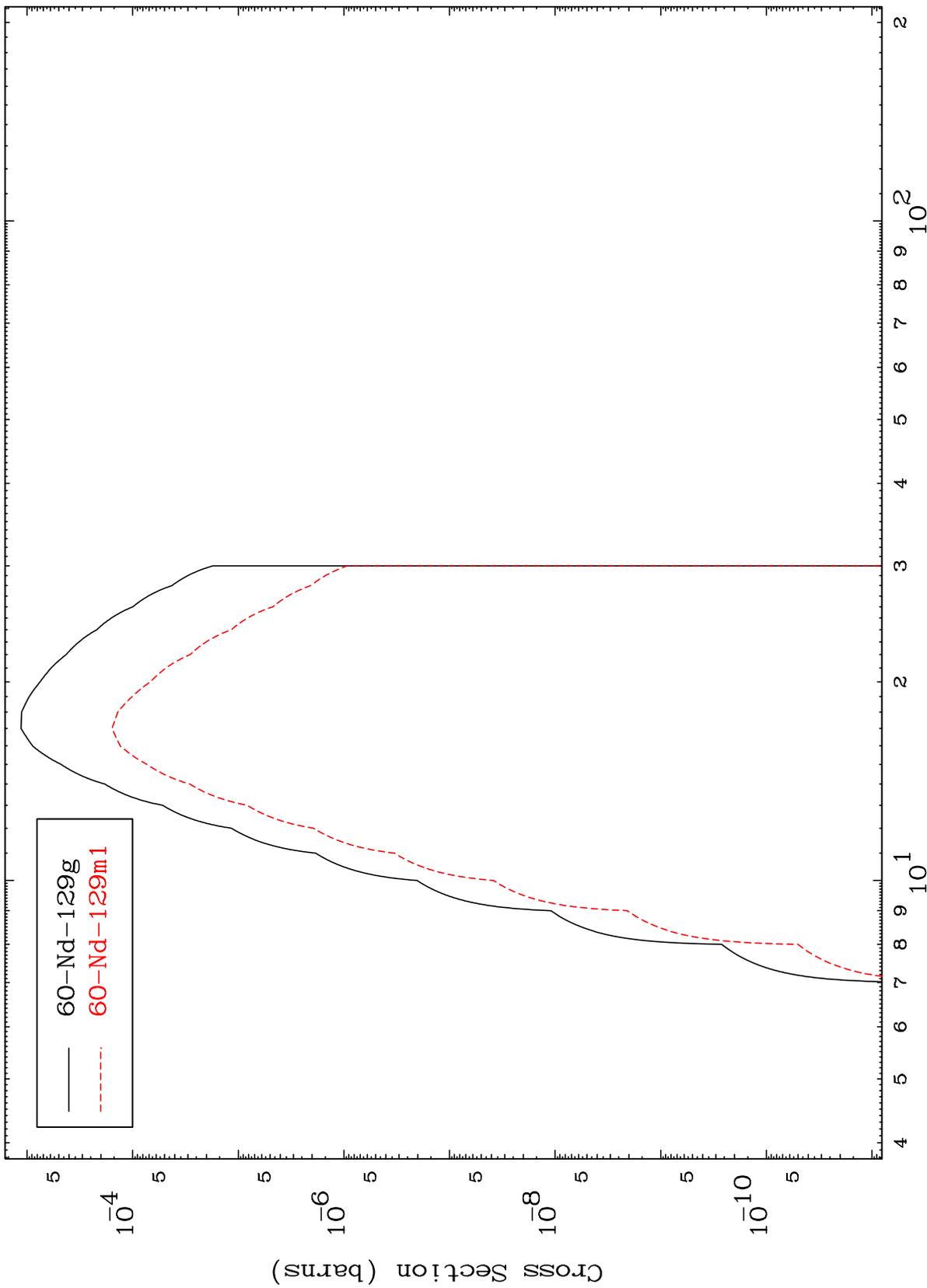
Incident Energy (MeV)

58-Ce-125

MAT 5792

58-Ce-125

Radionuclide Production Cross Section  
(n,  $\gamma$ )



58-Ce-125

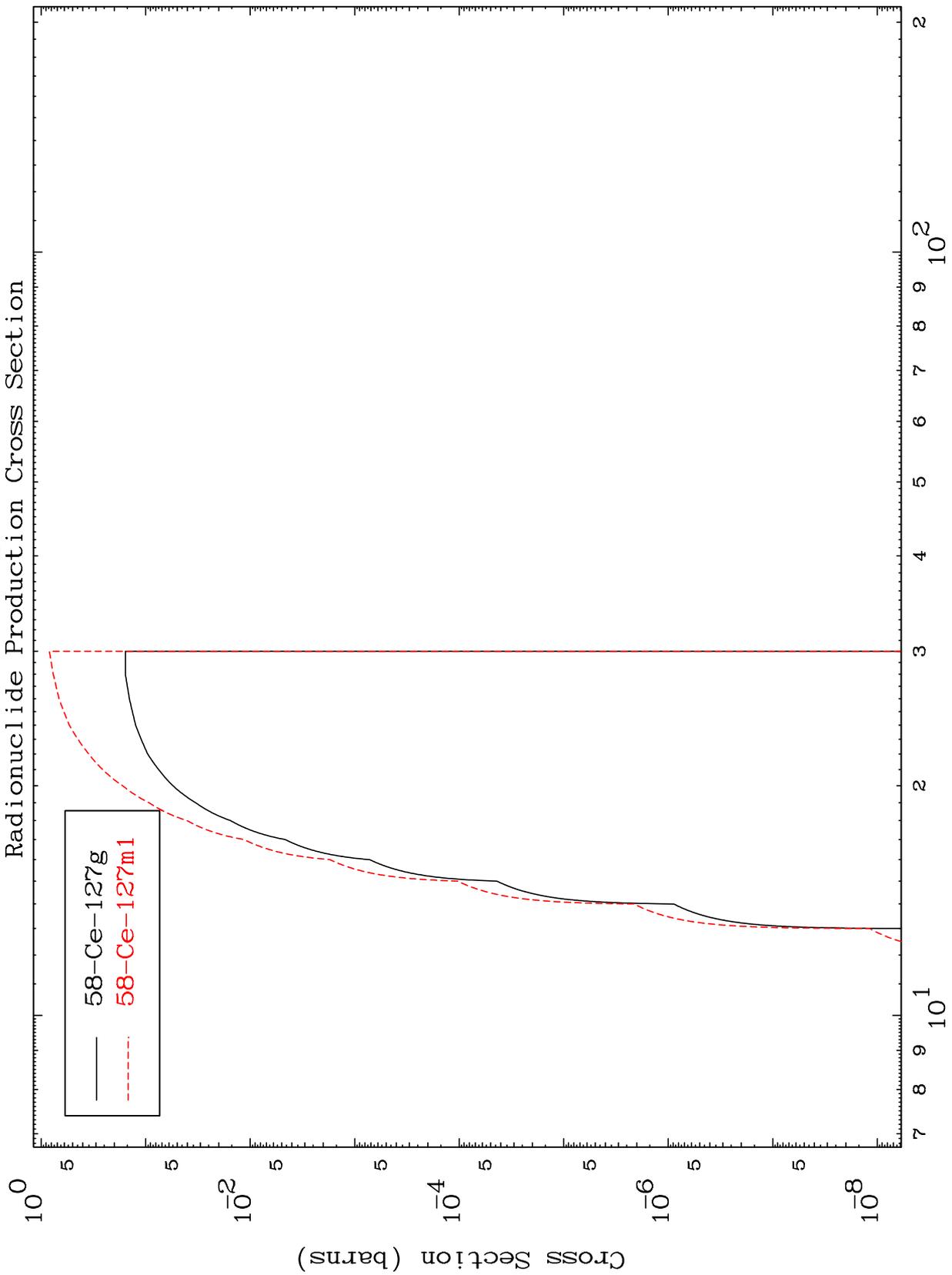
Incident Energy (MeV)

11

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58-Ce-125

(n,2p)  
Radionuclide Production Cross Section



58-Ce-125

Incident Energy (MeV)

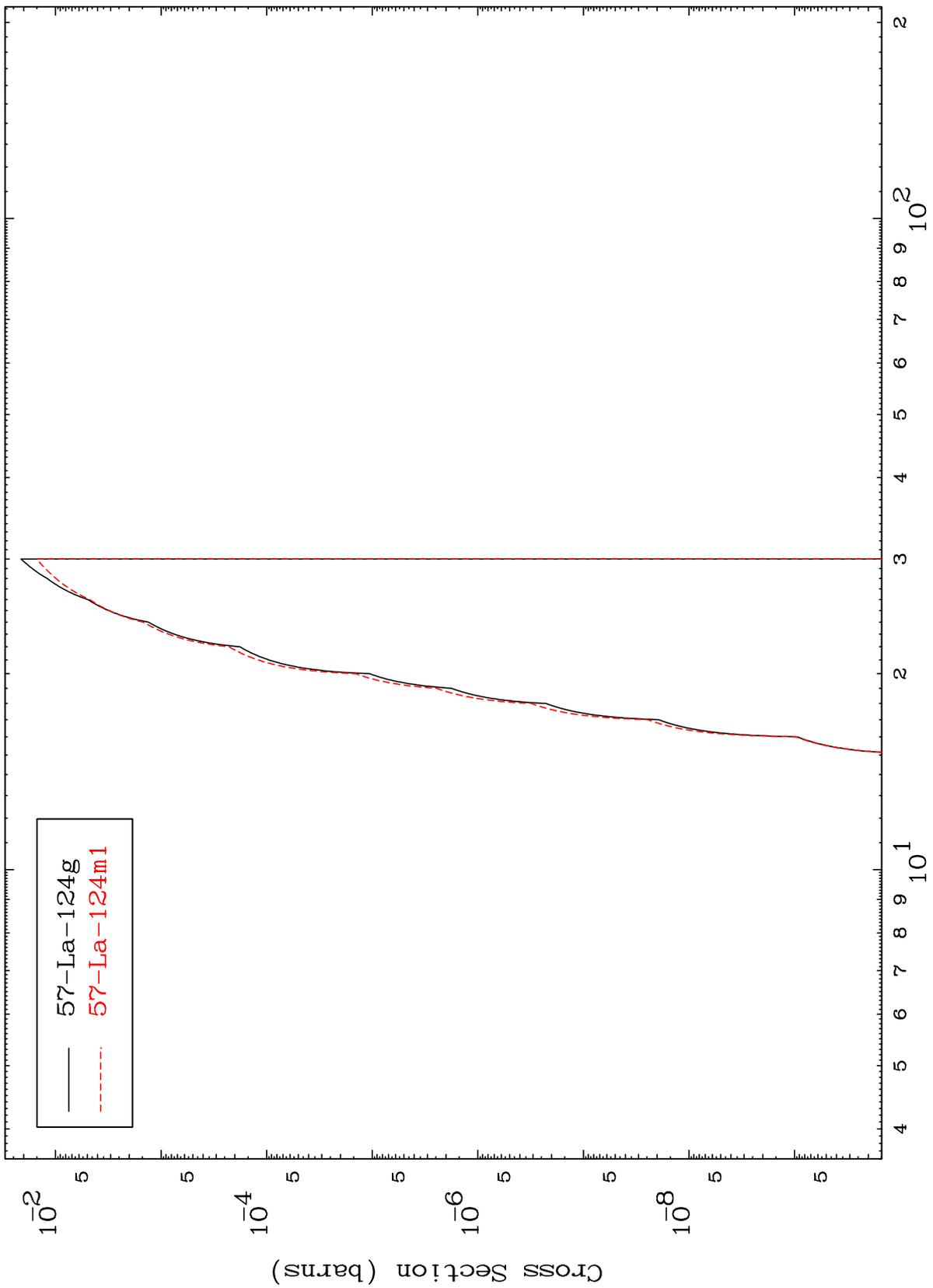
12

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(n,p)  $\alpha$

58-Ce-125

Radionuclide Production Cross Section



13

Incident Energy (MeV)

58-Ce-125