

Program EVALPLOT  
(Version 2021-1)

by

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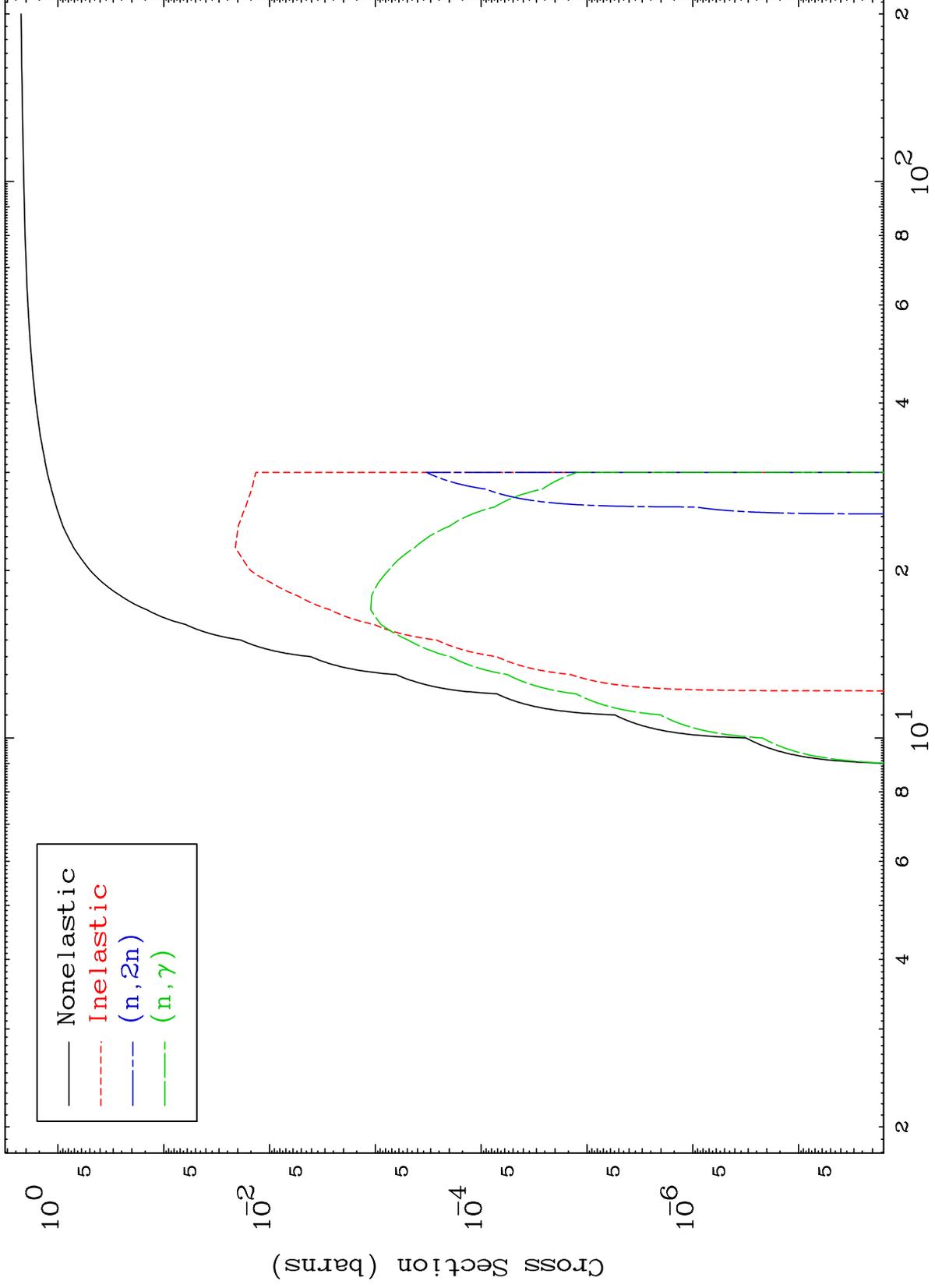
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Press Mouse Button to Start

MAT 5792

0 Kelvin Major  $\alpha$  Cross Sections

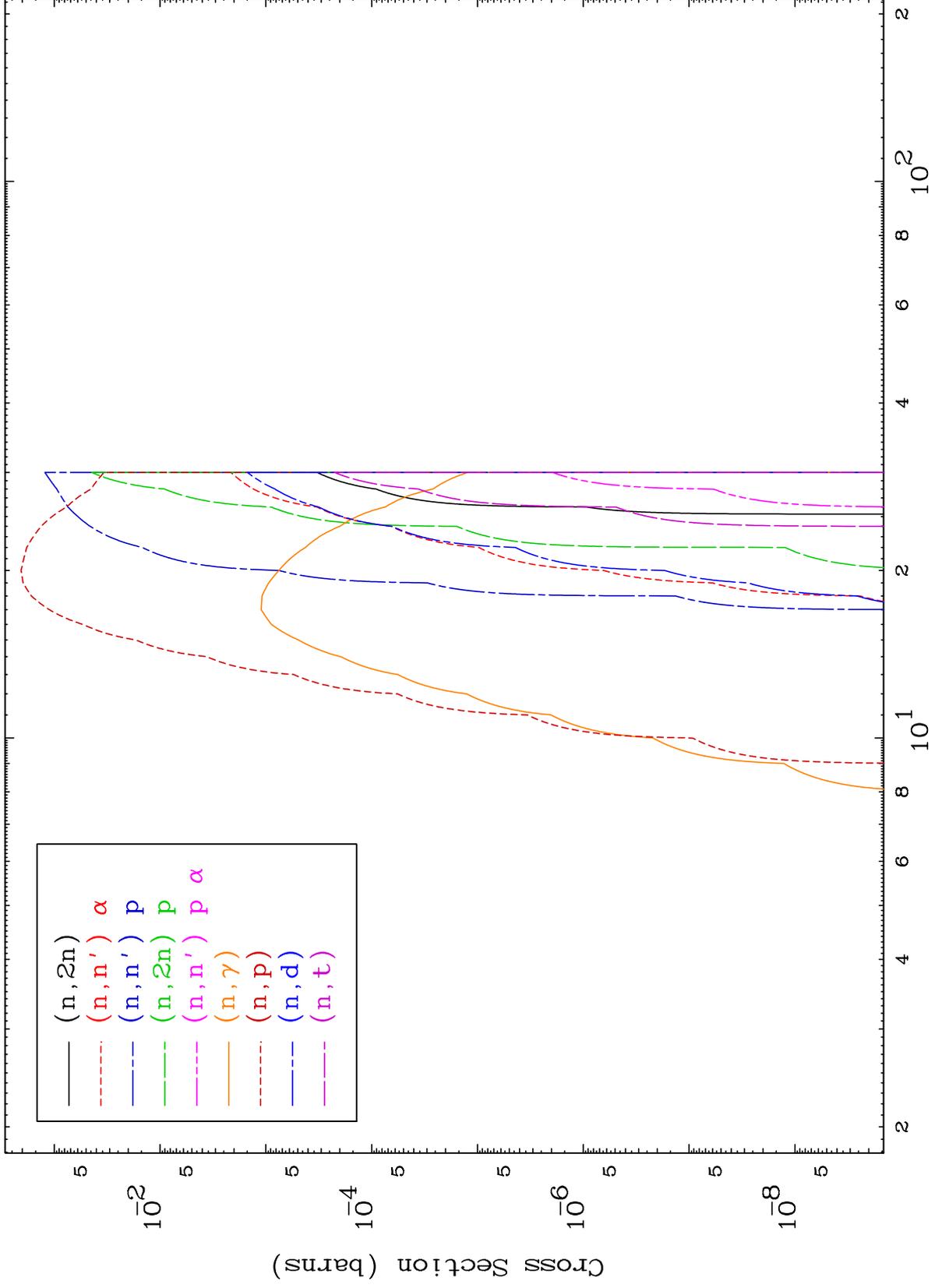
58-Ce-125



1

Incident Energy (MeV)

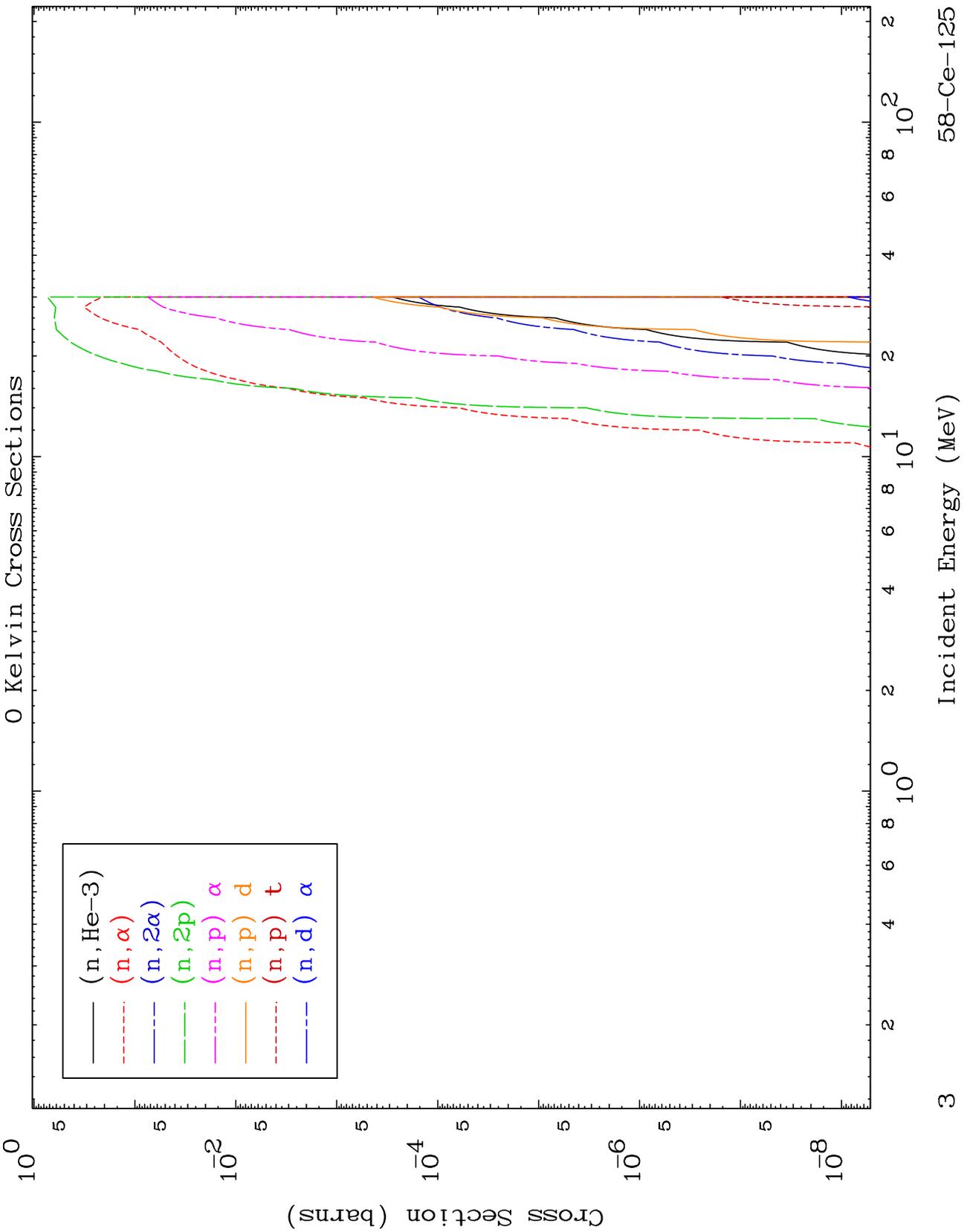
58-Ce-125

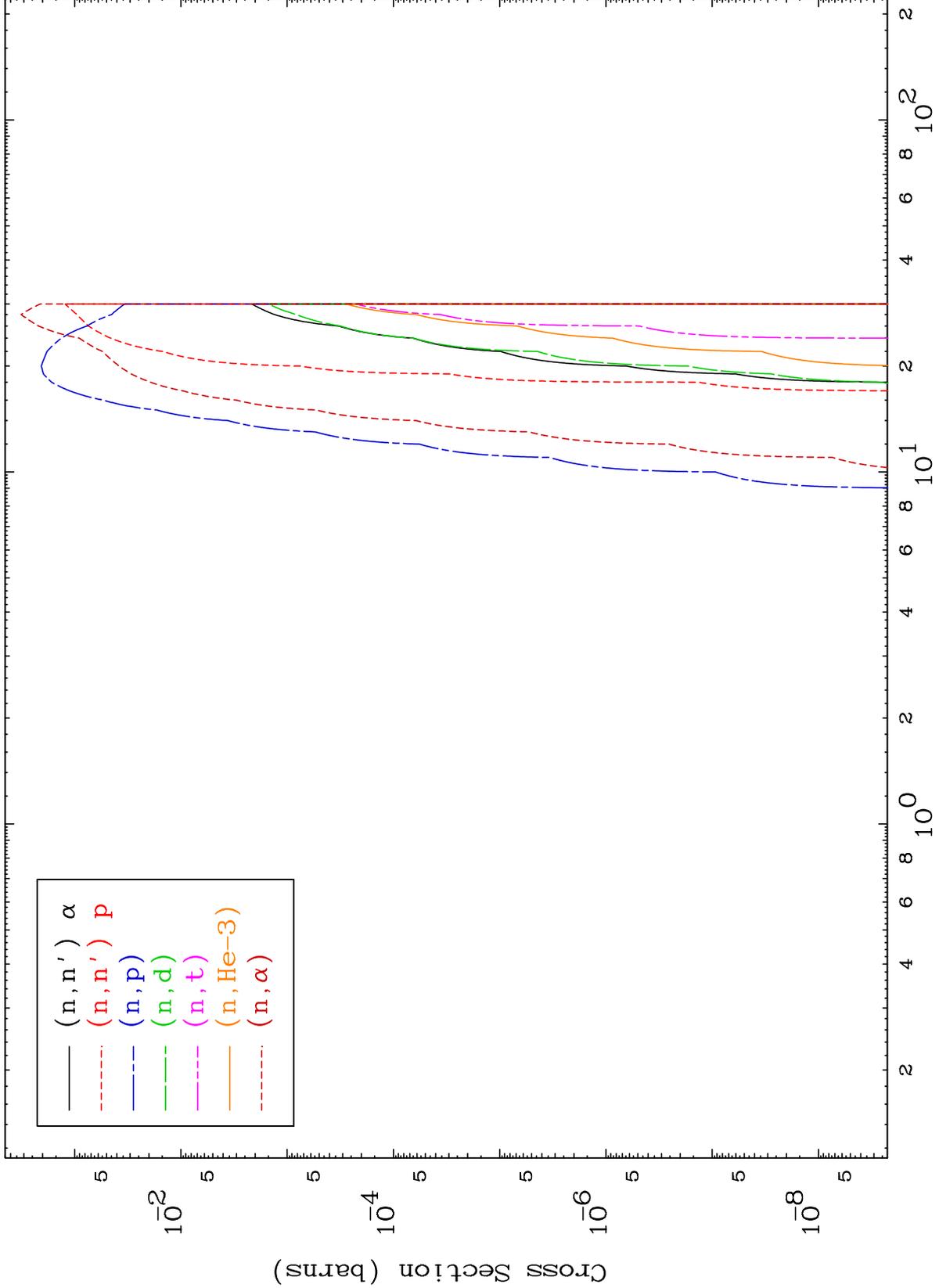


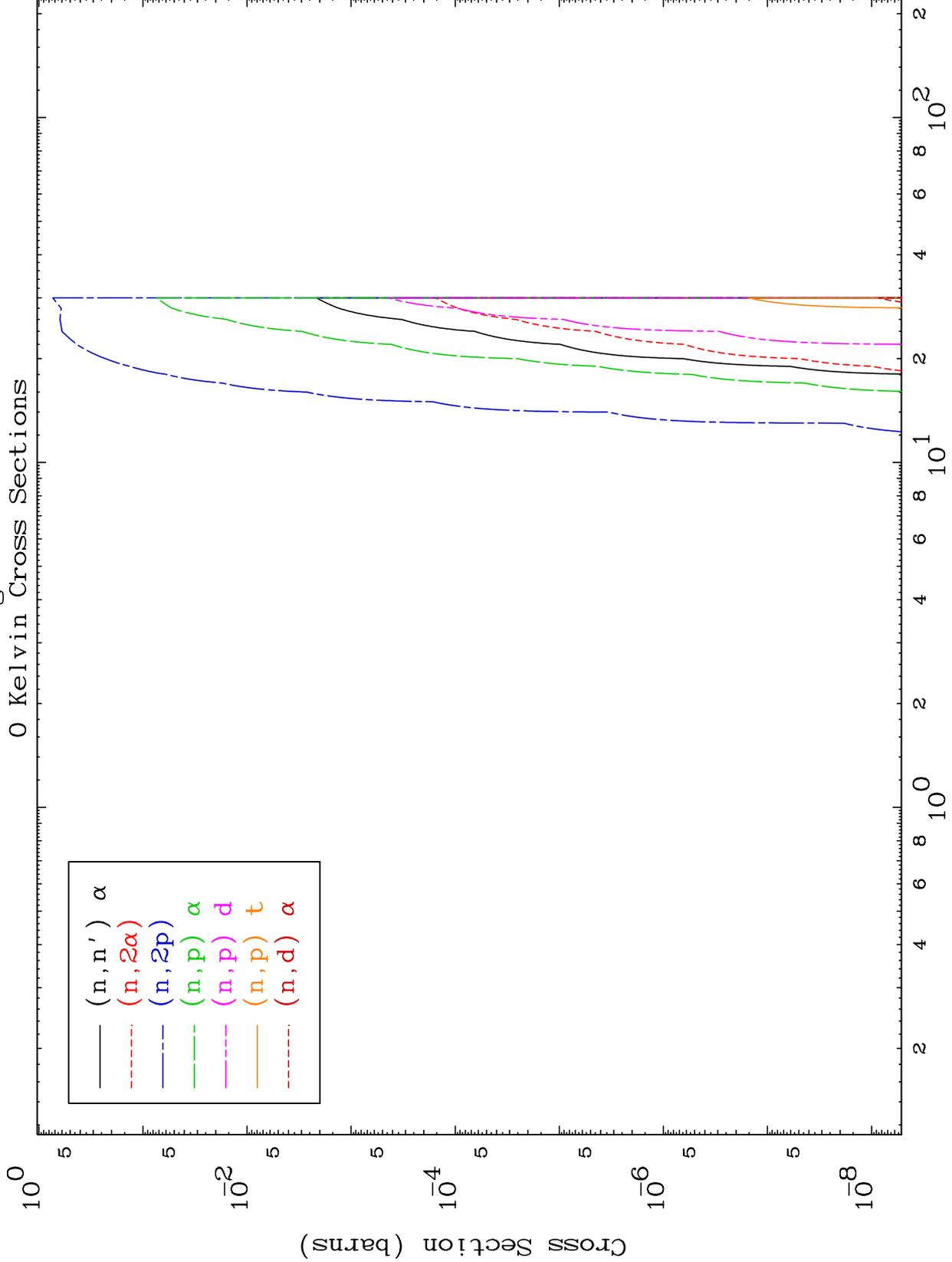
MAT 5792

$\alpha$  Neutron Absorption

58-Ce-125







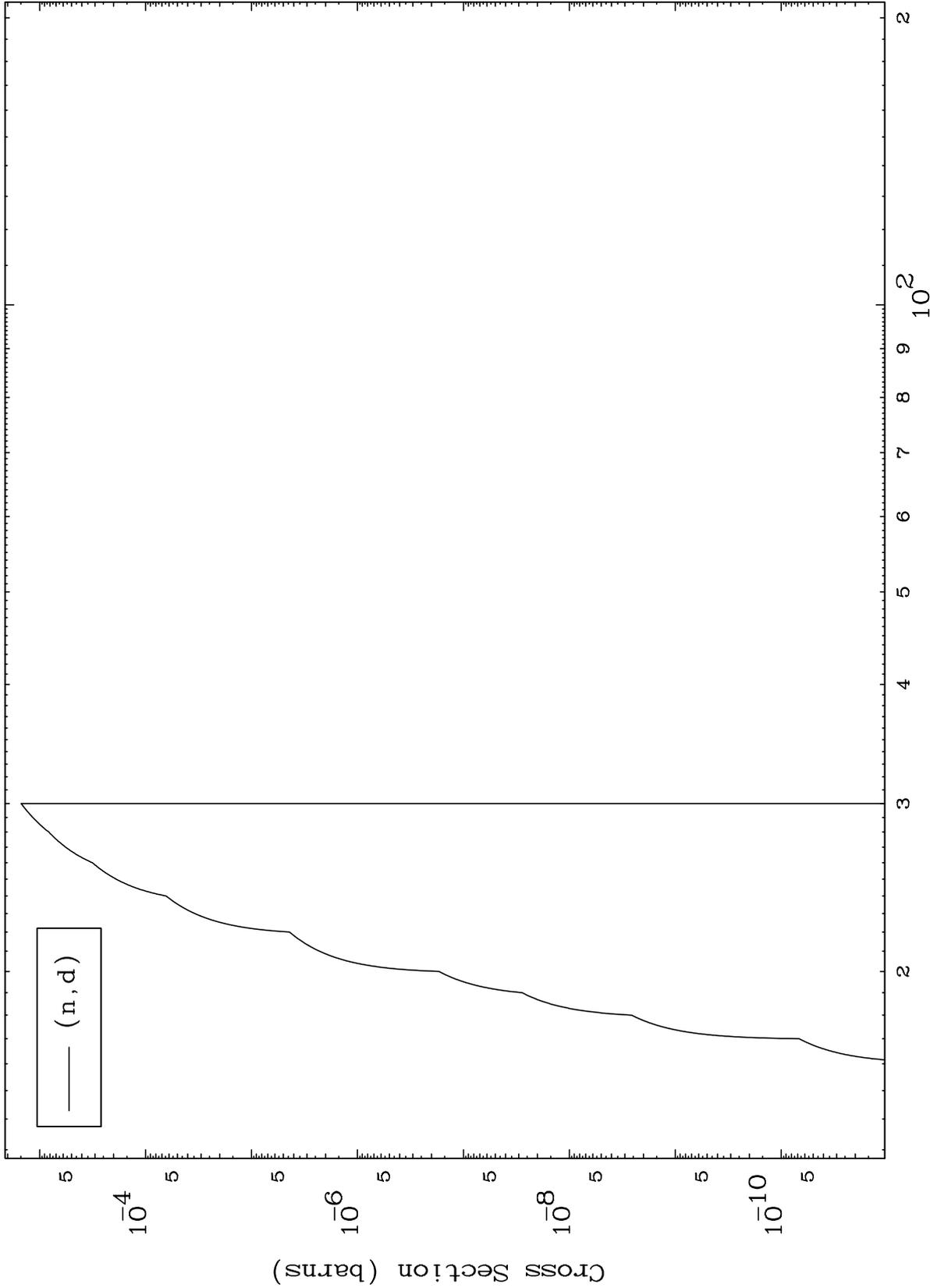


MAT 5792

( $\alpha, d$ ) Levels

58-Ce-125

0 Kelvin Cross Sections



7

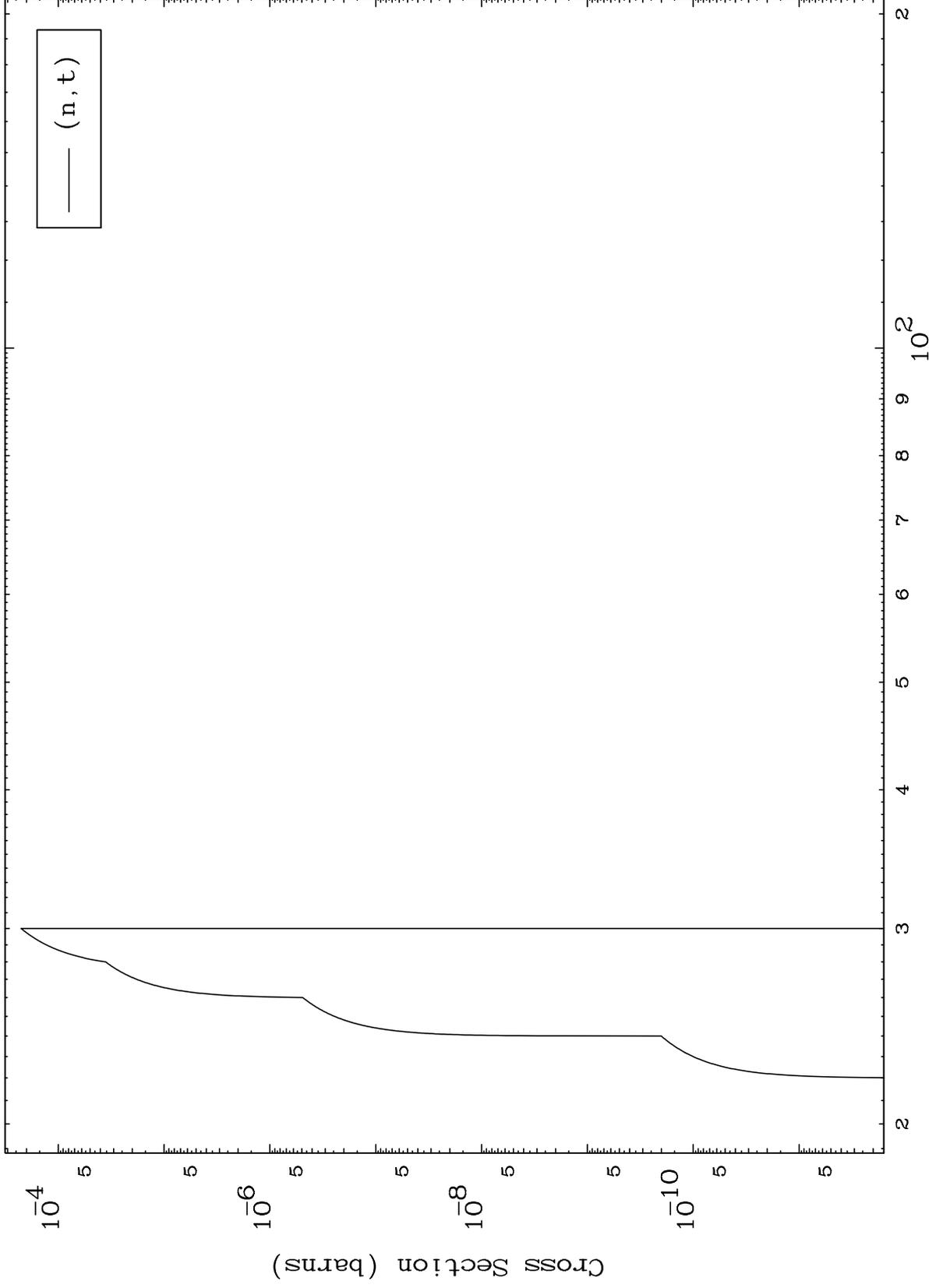
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



8

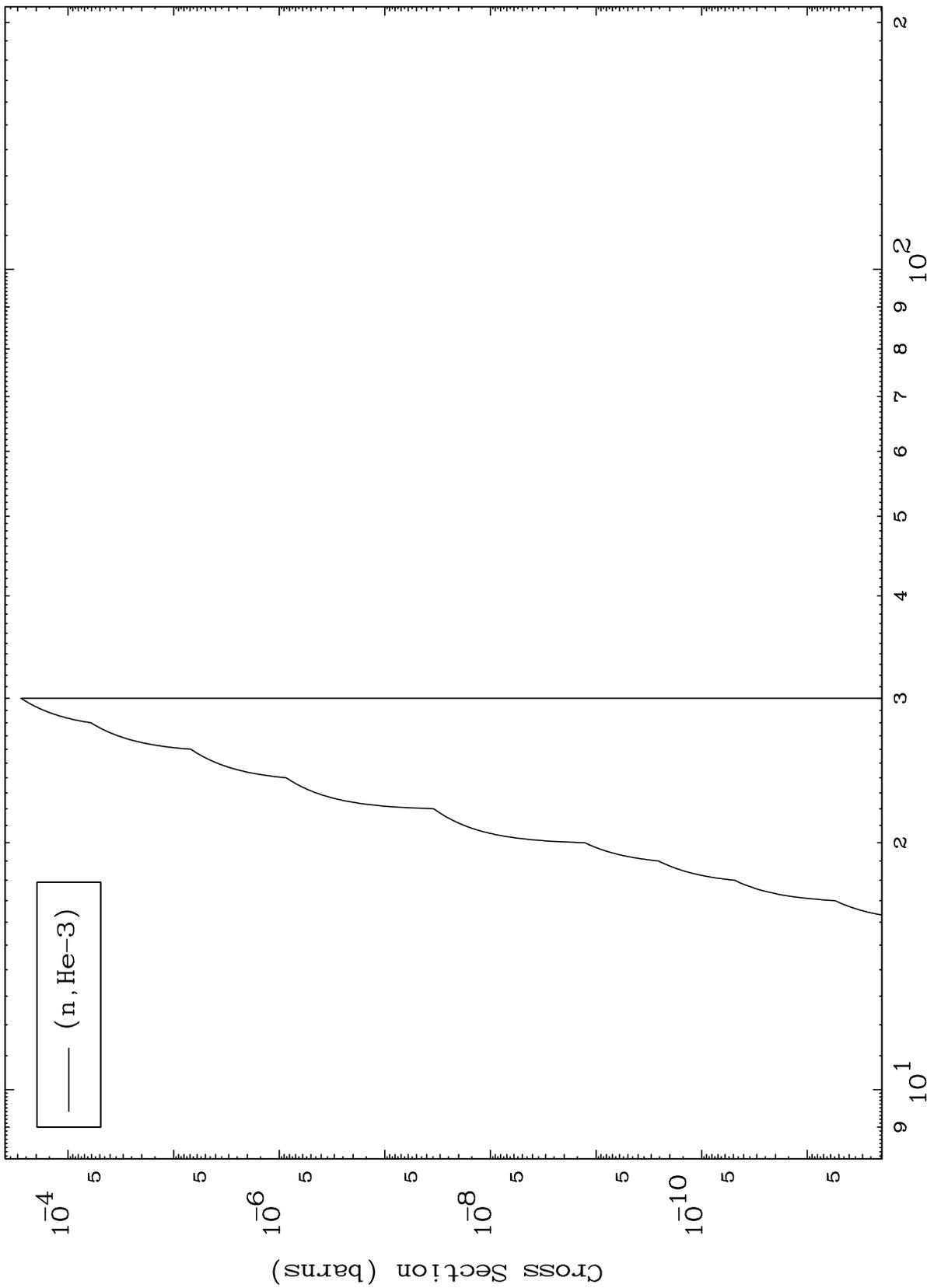
Incident Energy (MeV)

58-Ce-125

MAT 5792

58-Ce-125

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



58-Ce-125

Incident Energy (MeV)

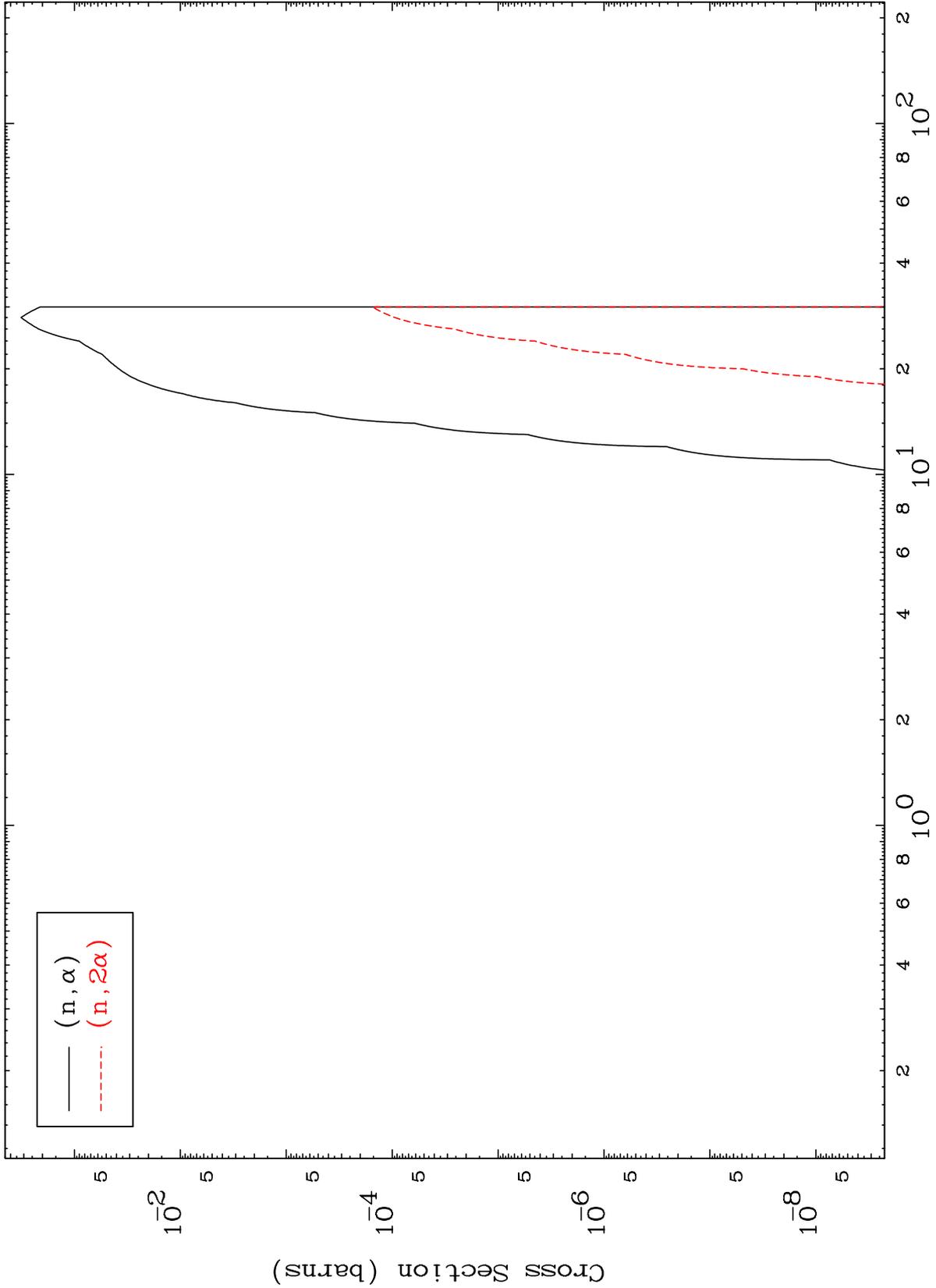
9

MAT 5792

( $\alpha, \alpha$ ) Levels

58-Ce-125

0 Kelvin Cross Sections



— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

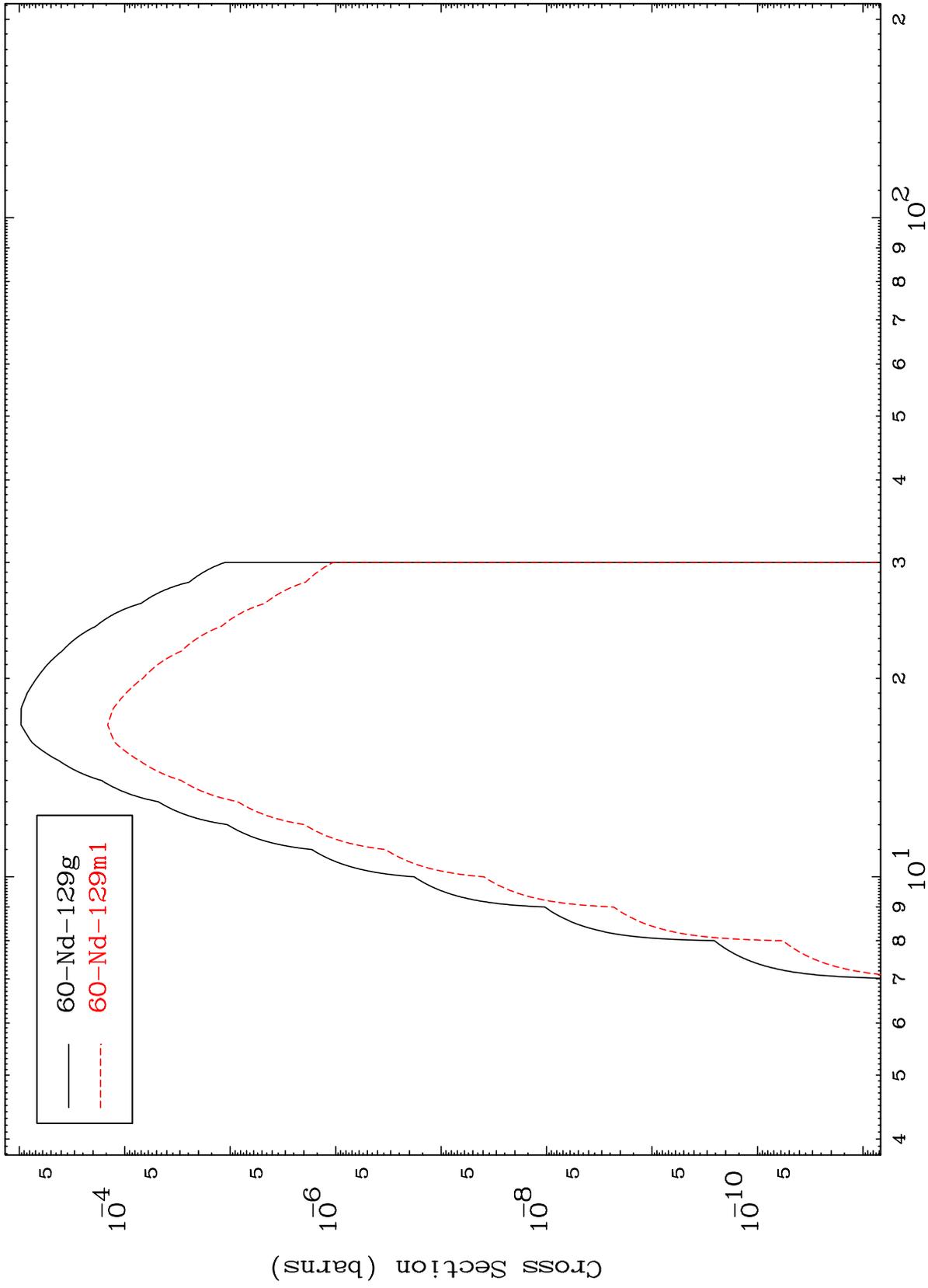
Incident Energy (MeV)

58-Ce-125

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58-Ce-125

Radionuclide Production Cross Section  
(n,γ)



58-Ce-125

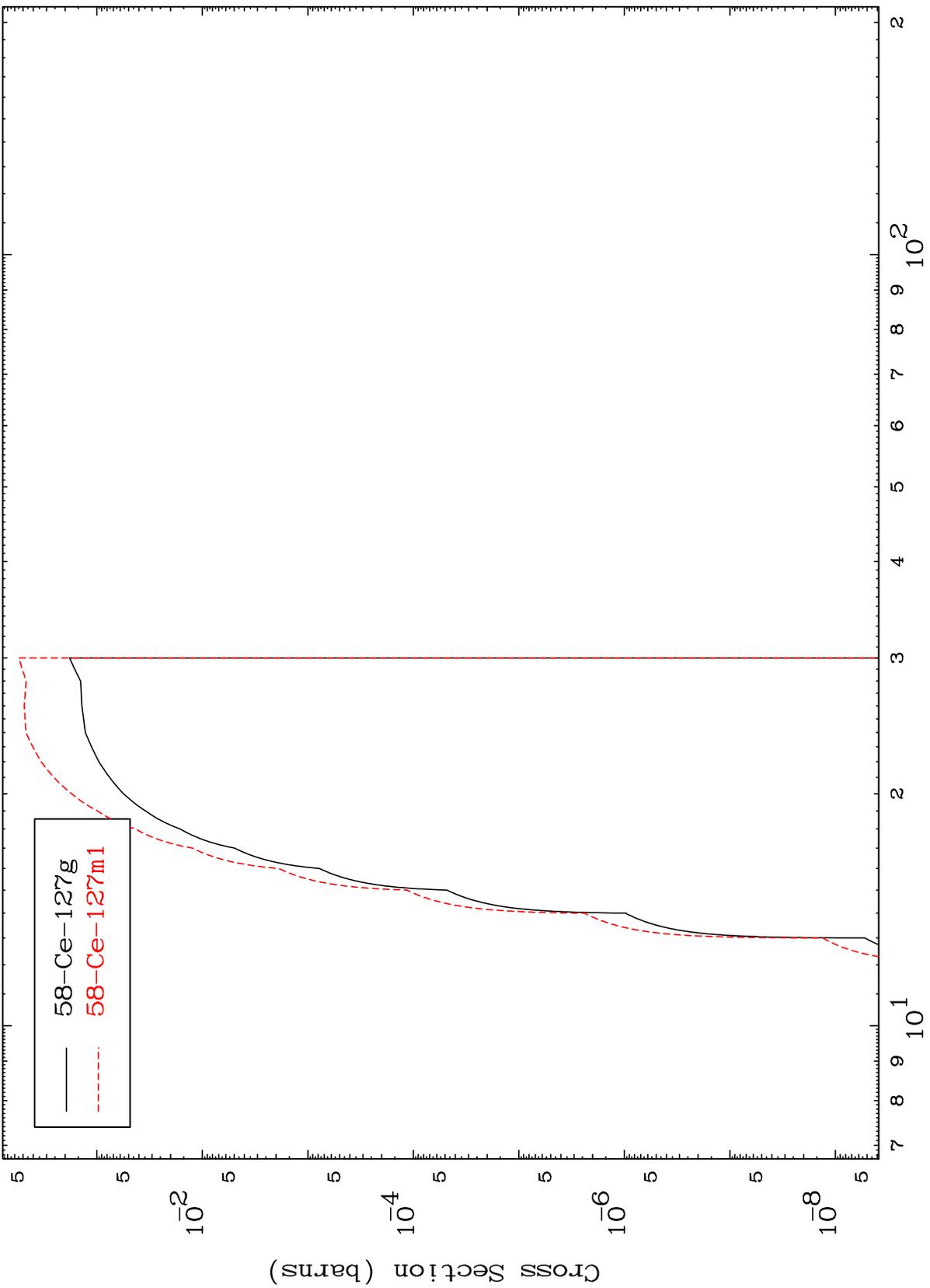
Incident Energy (MeV)

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MAT 5792

58-Ce-125

(n,2p)  
Radionuclide Production Cross Section



58-Ce-125

Incident Energy (MeV)

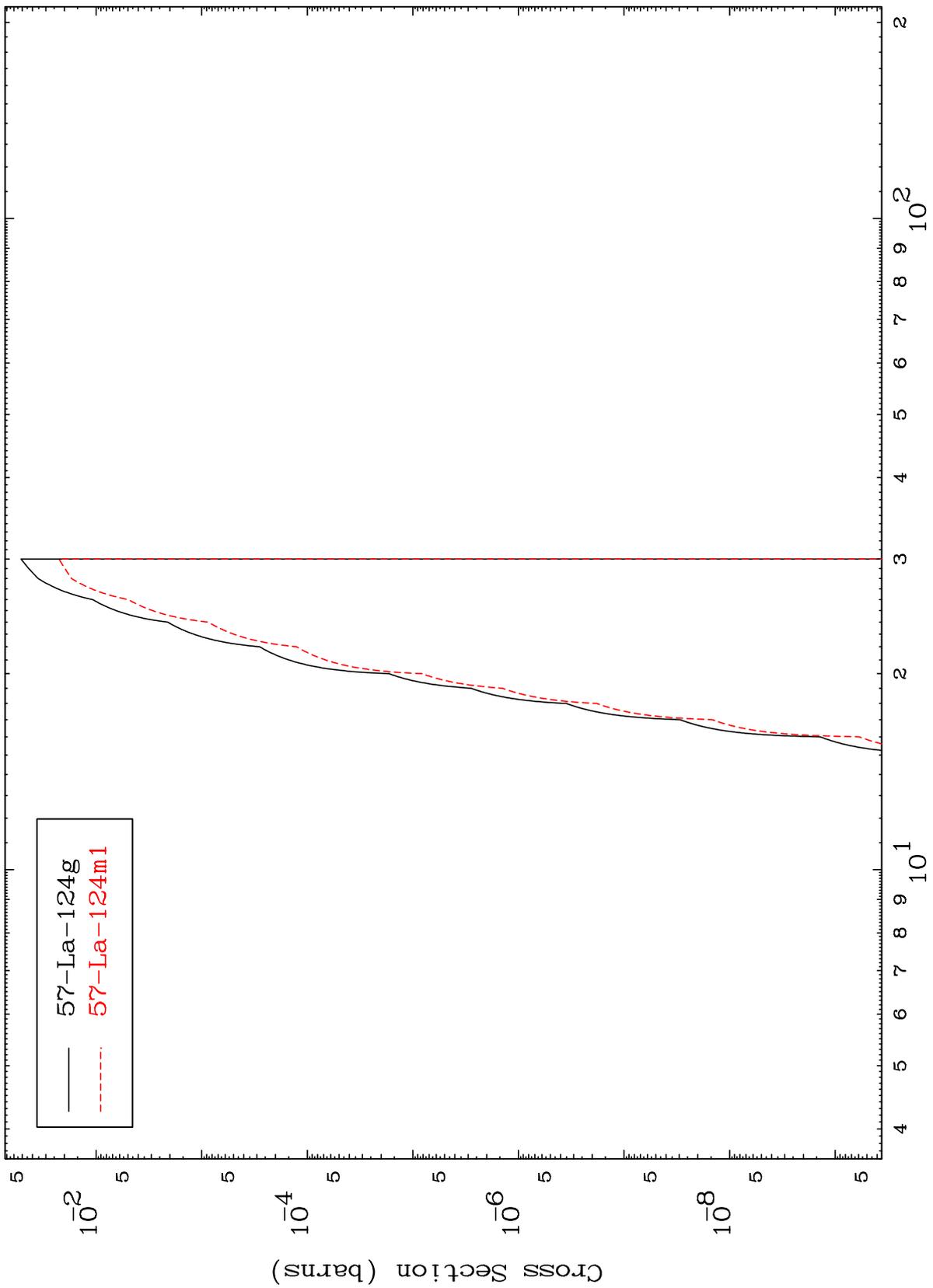
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(n,p)  $\alpha$

58-Ce-125

Radionuclide Production Cross Section



57-La-124g  
57-La-124m1

13

Incident Energy (MeV)

58-Ce-125