

Program EVALPLOT  
(Version 2021-1)

by

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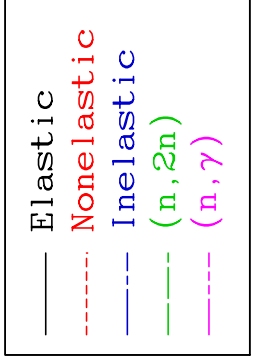
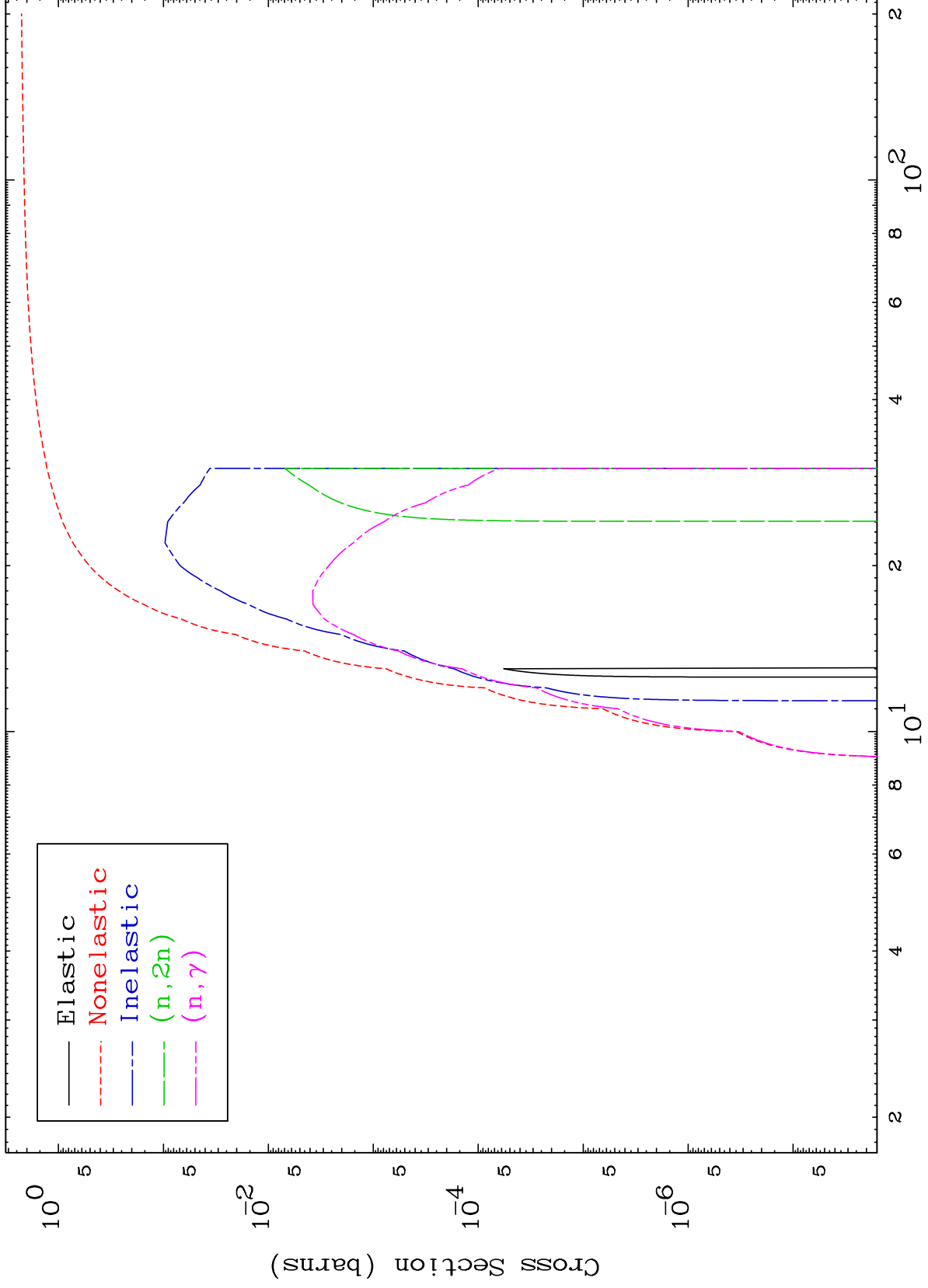
Press Mouse Button to Start

MAT 5798

0 Kelvin Cross Sections

$\alpha$  Major

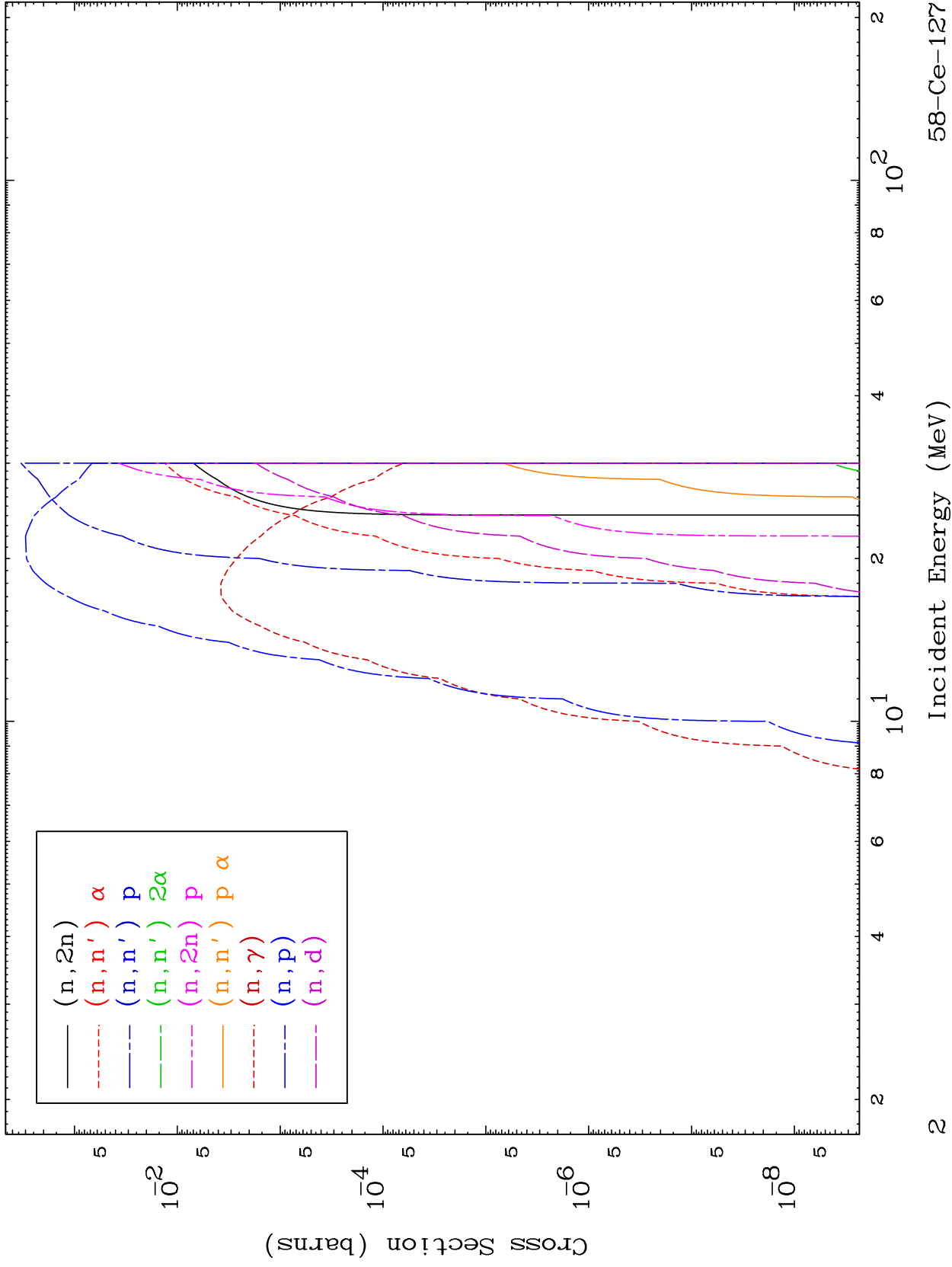
58-Ce-127



1

Incident Energy (MeV)

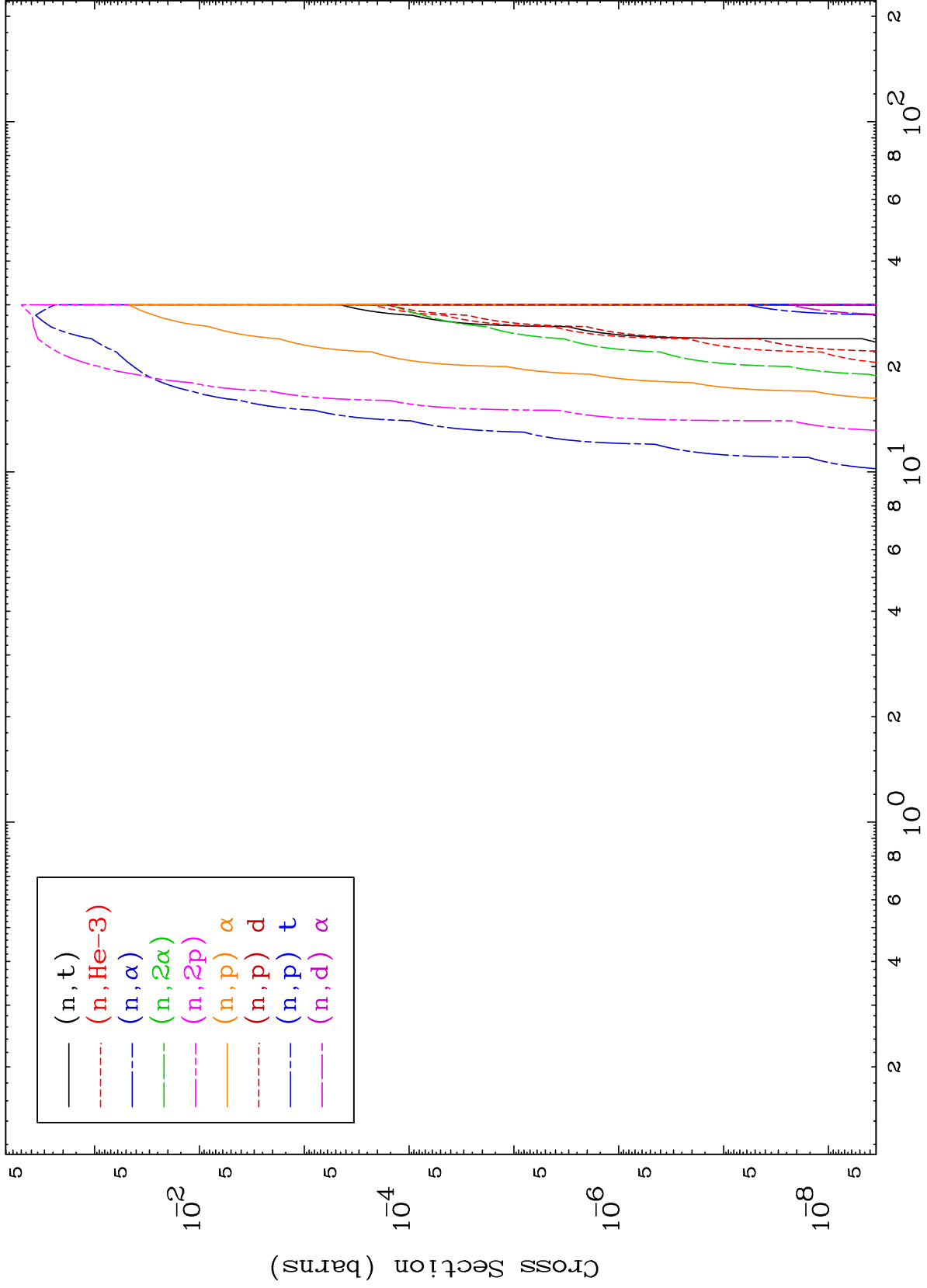
58-Ce-127

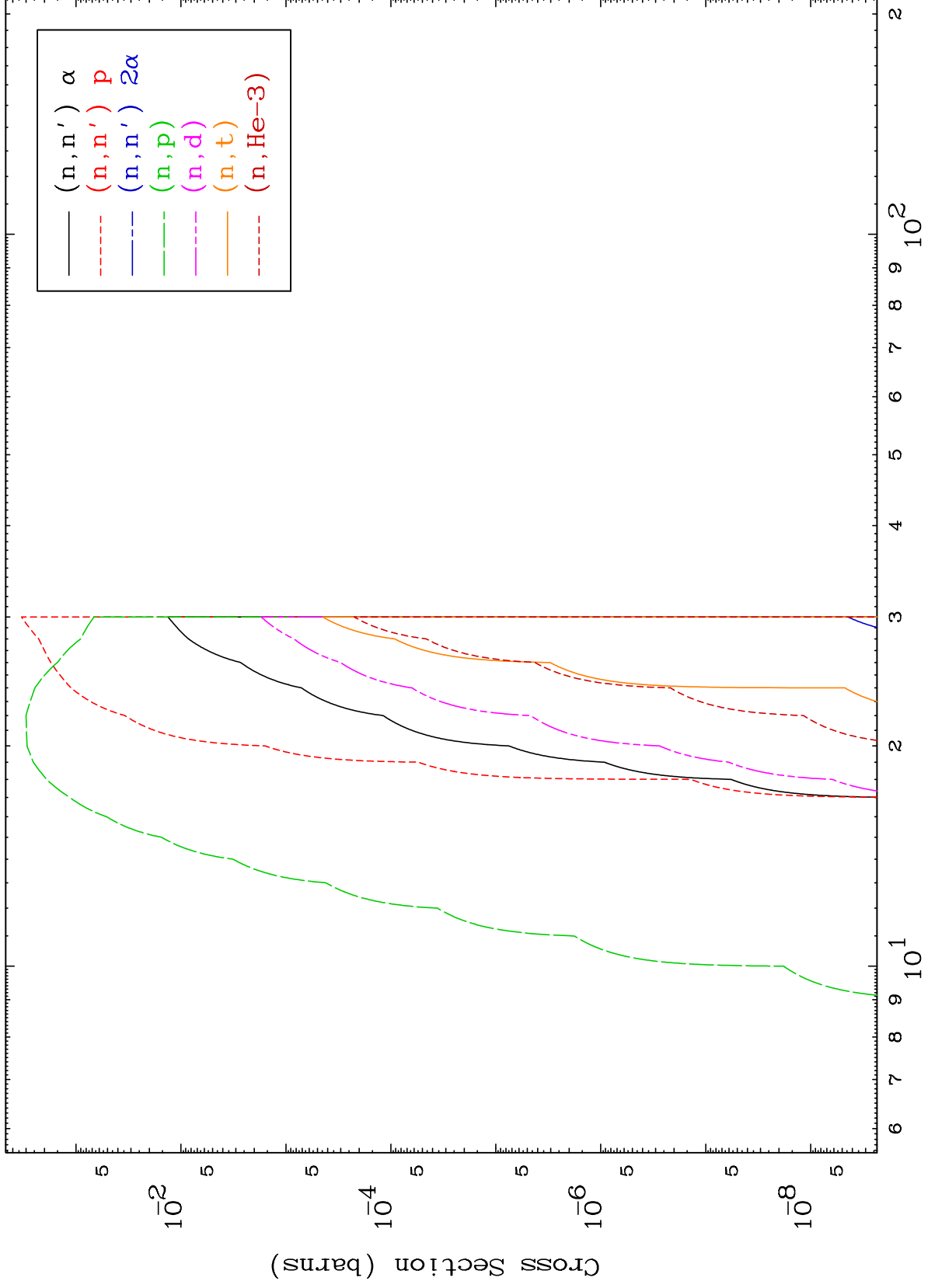


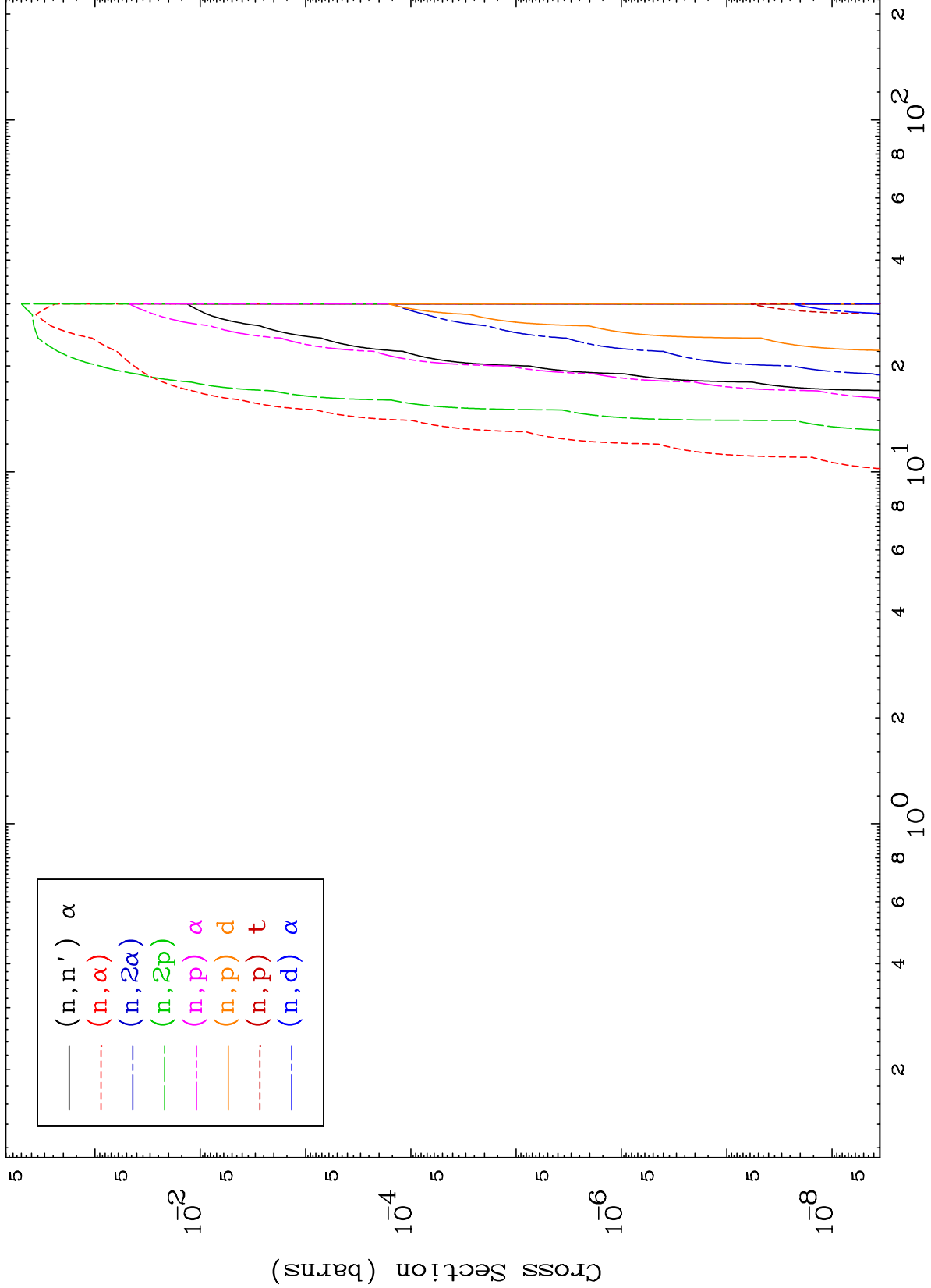
MAT 5798

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-127



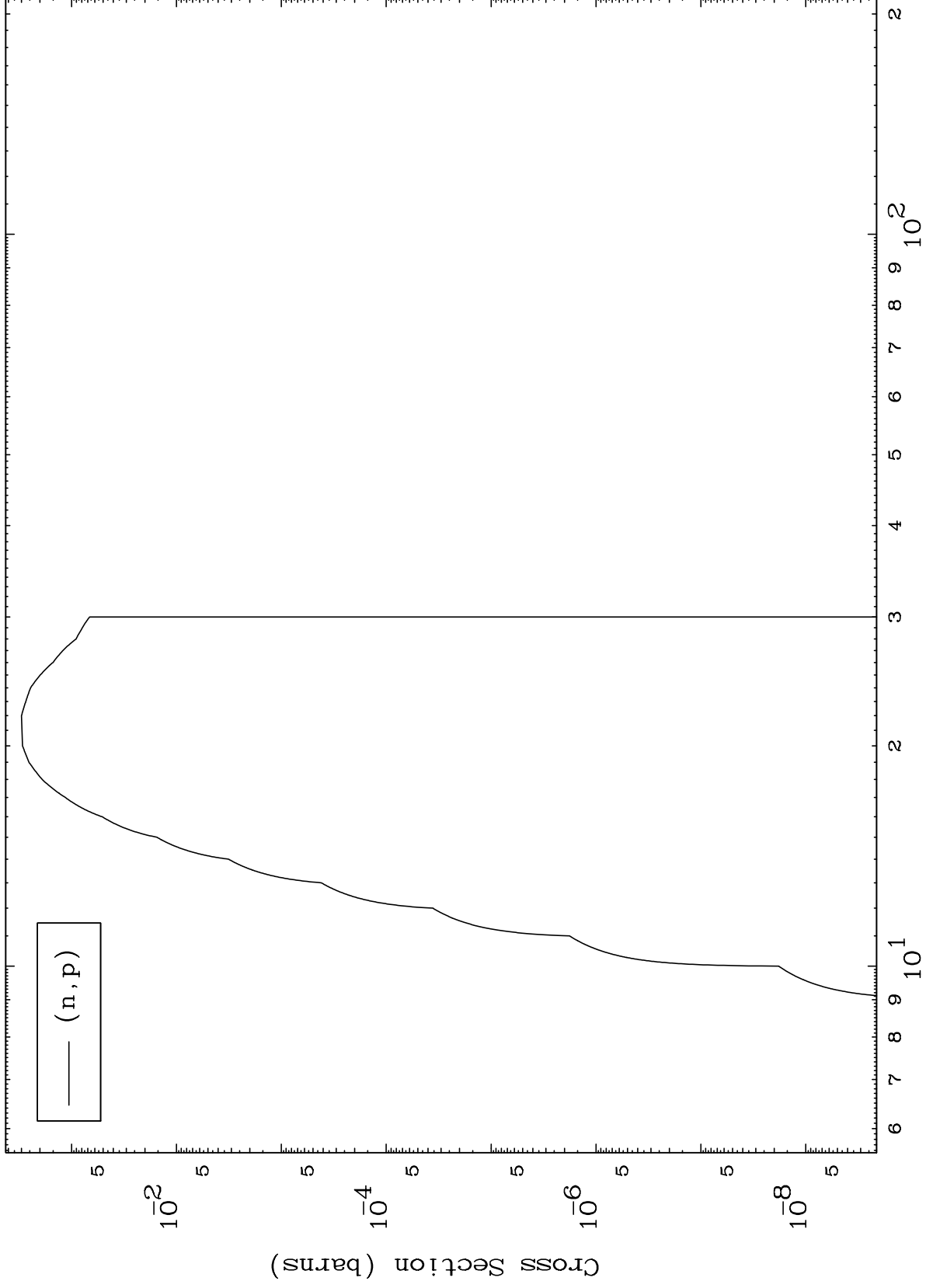




MAT 5798

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

58-Ce-127



6

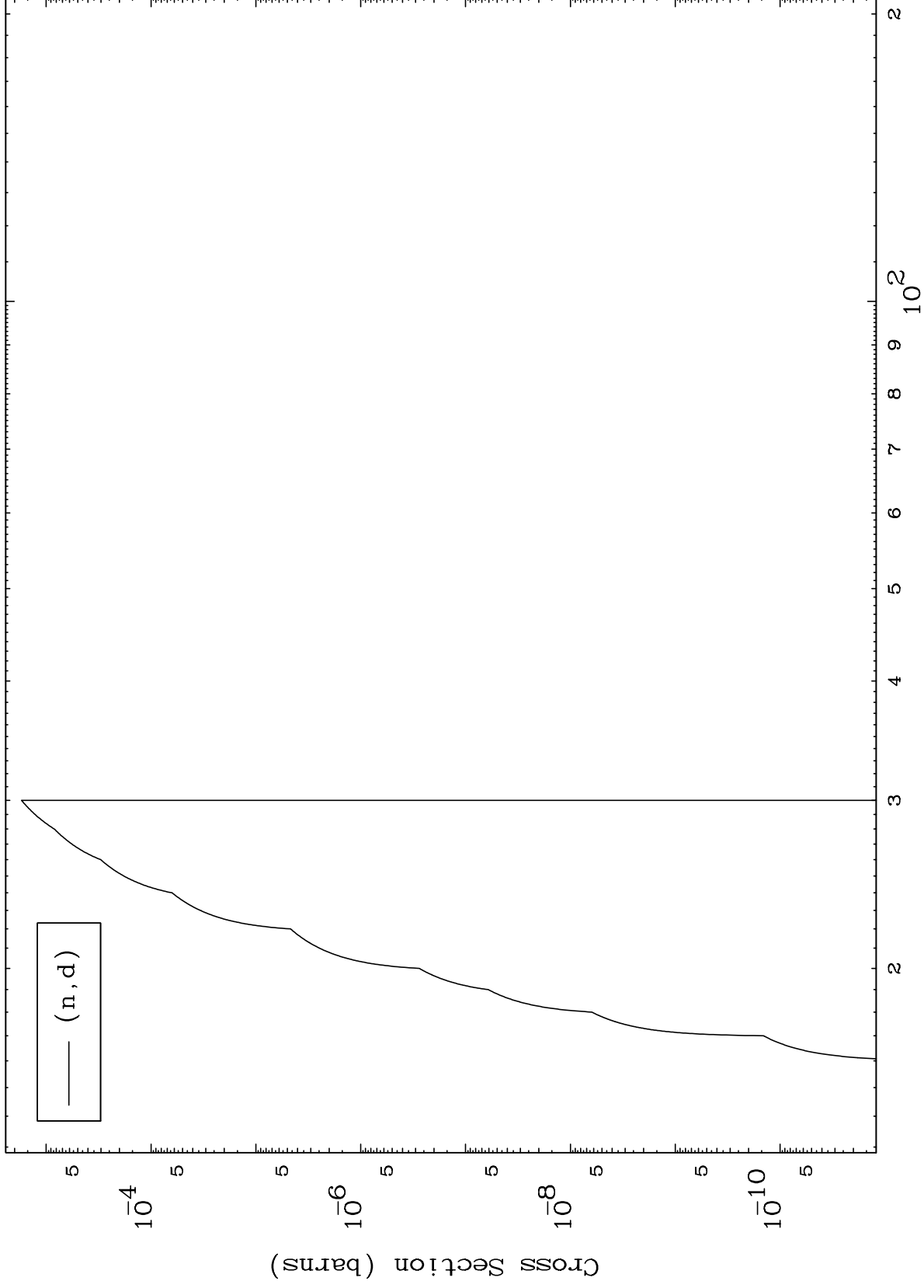
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



7

Incident Energy (MeV)

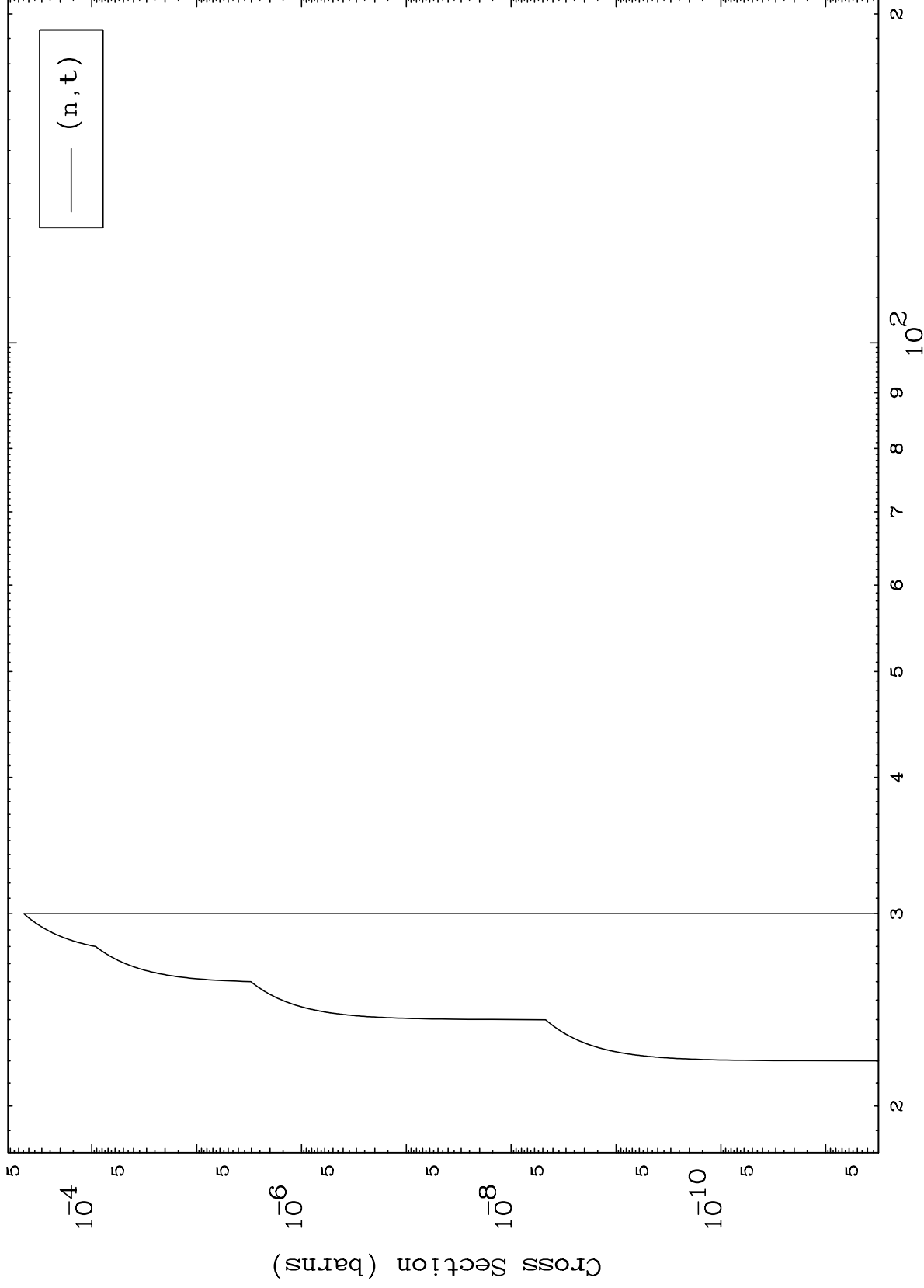
58-Ce-127



MAT 5798

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

58-Ce-127



8

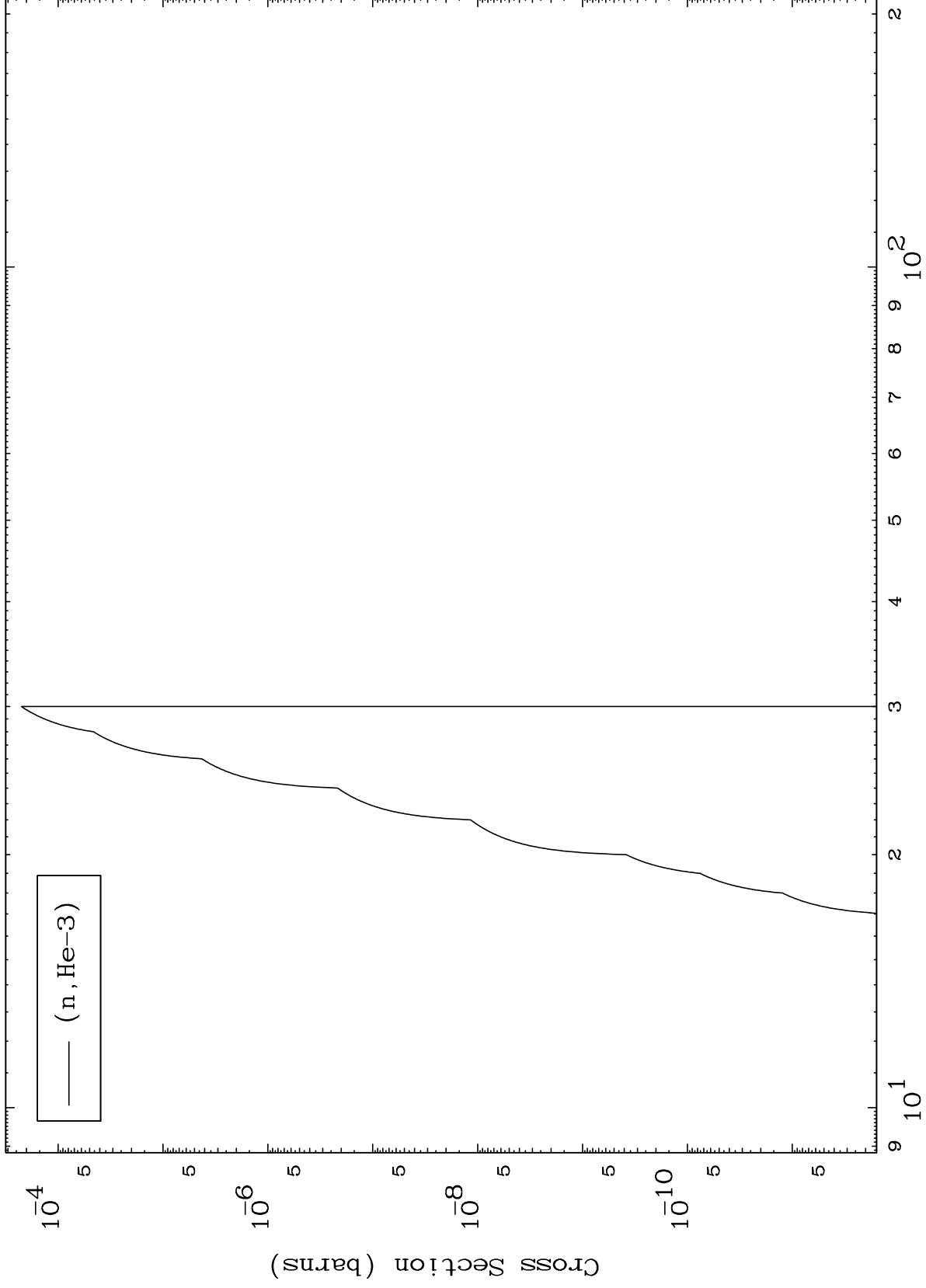
Incident Energy (MeV)

58-Ce-127

MAT 5798

58-Ce-127

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



58-Ce-127

Incident Energy (MeV)

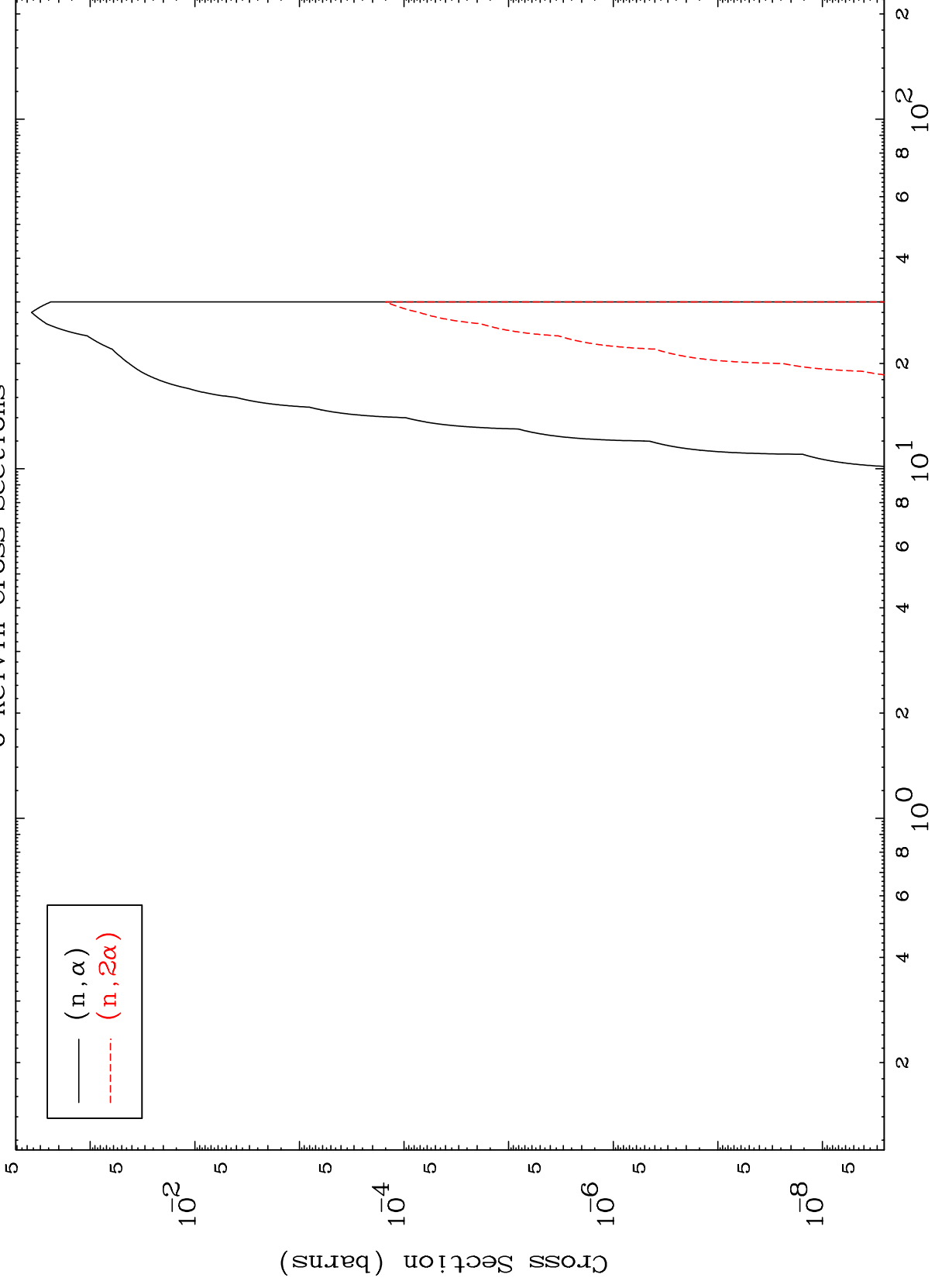
9

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( $\alpha, \alpha$ ) Levels

58-Ce-127

0 Kelvin Cross Sections



10

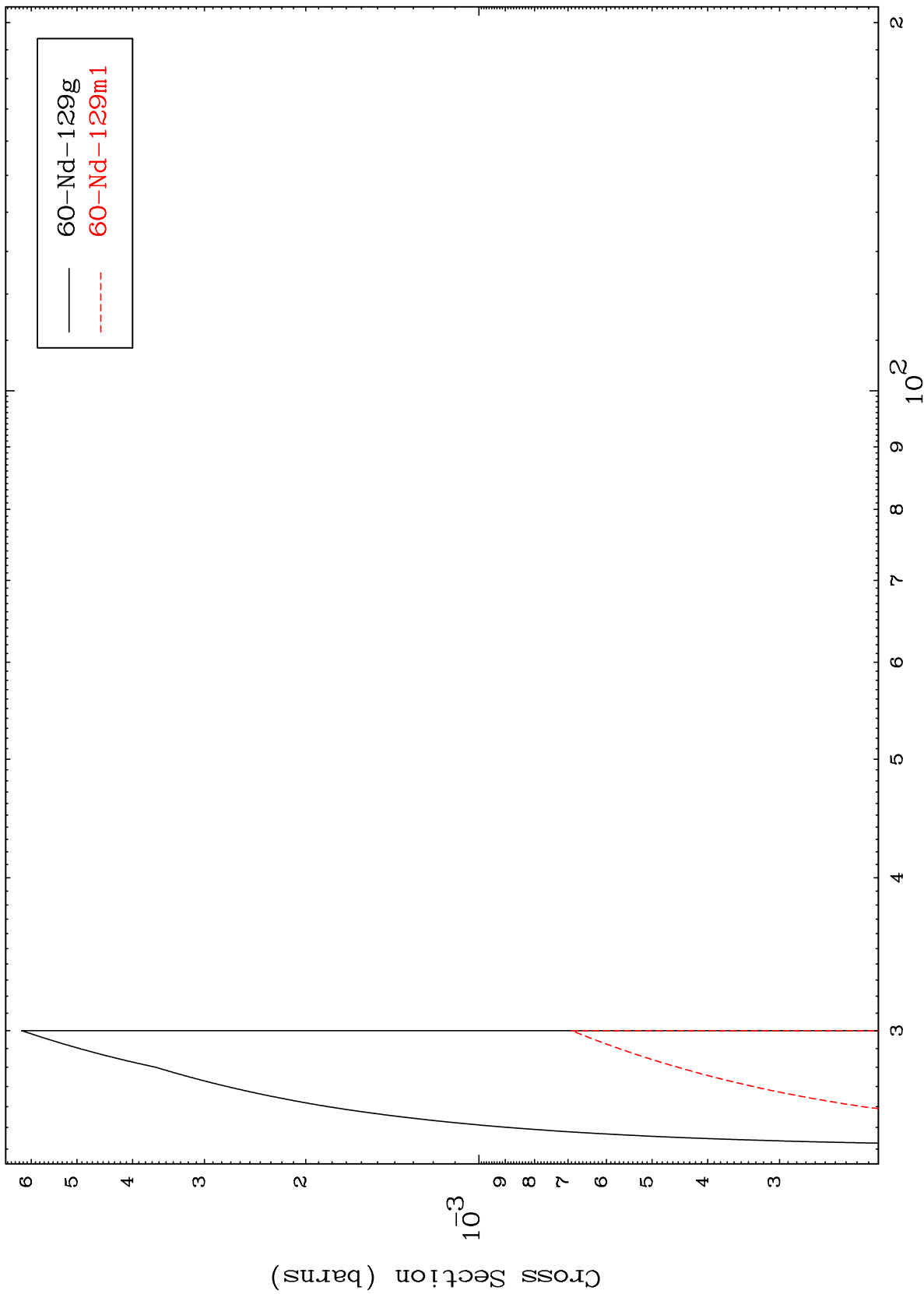
Incident Energy (MeV)

58-Ce-127

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58-Ce-127

(n,2n)  
Radionuclide Production Cross Section



60-Nd-129g  
60-Nd-129m1

58-Ce-127

Incident Energy (MeV)

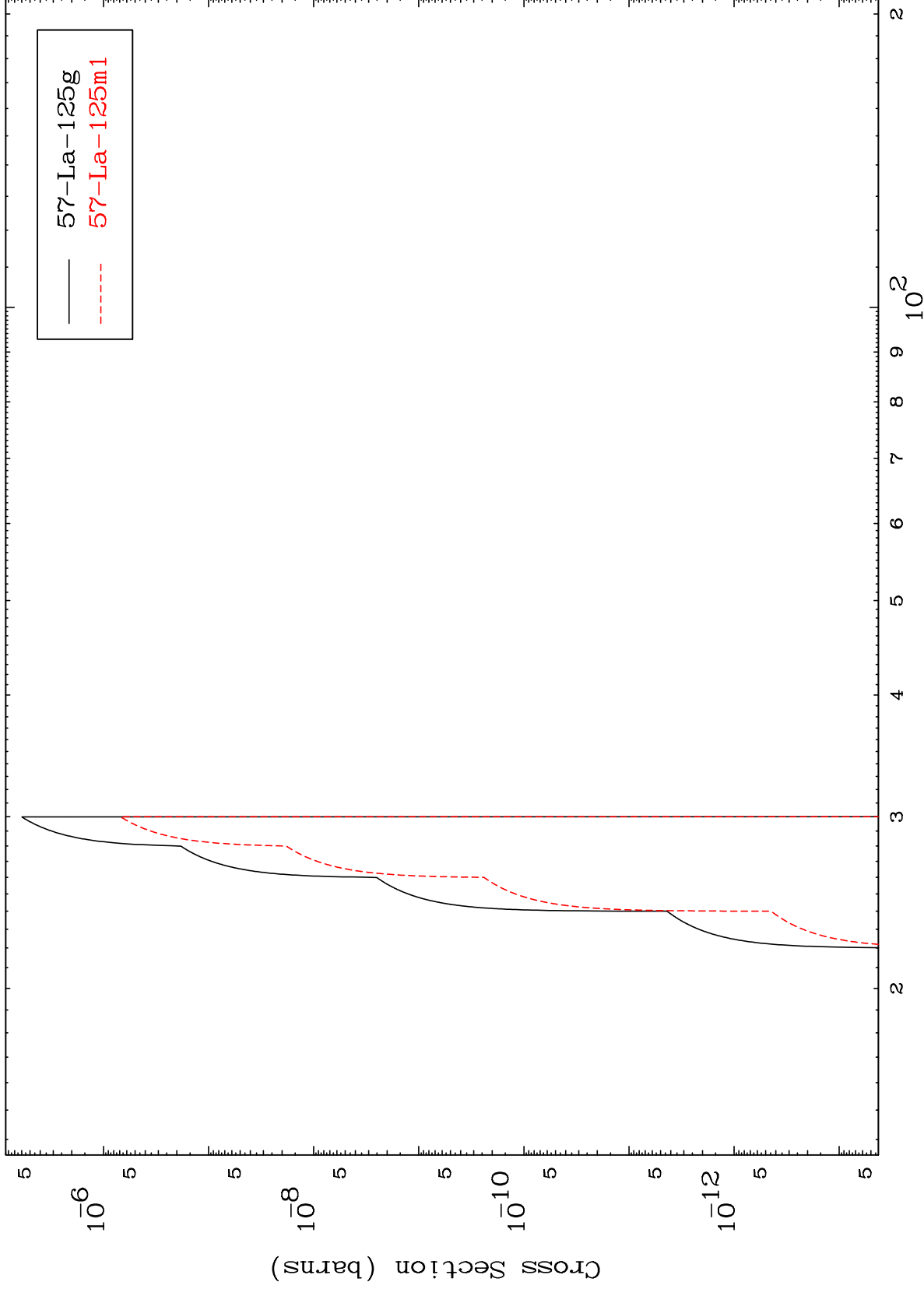
11

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(n,n') p  $\alpha$

58-Ce-127

Radionuclide Production Cross Section



12

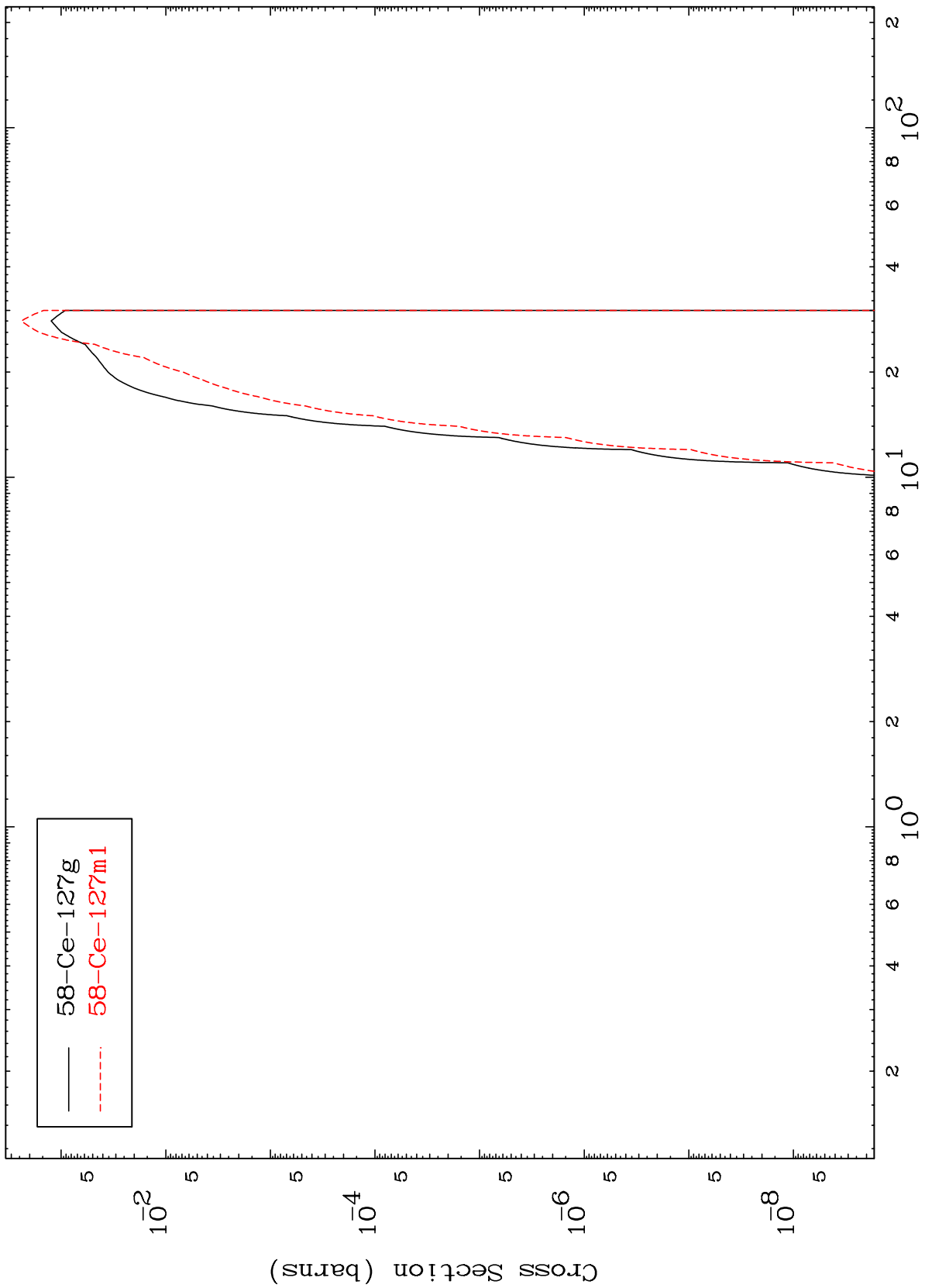
Incident Energy (MeV)

58-Ce-127

MAT 5798

58-Ce-127

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



58-Ce-127g  
58-Ce-127m1

58-Ce-127

Incident Energy (MeV)

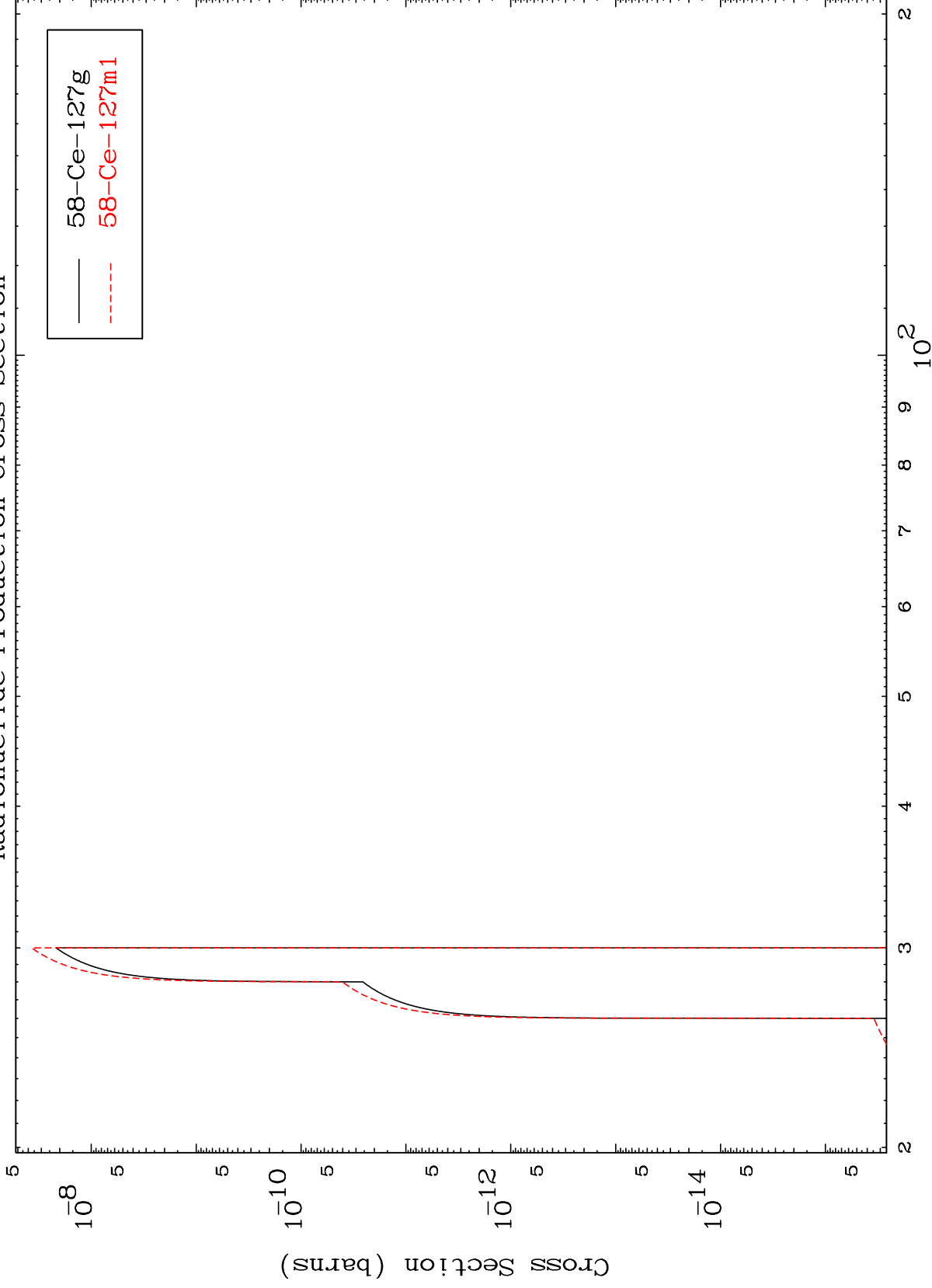
13

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(n,p) t

58-Ce-127

Radionuclide Production Cross Section



14

Incident Energy (MeV)

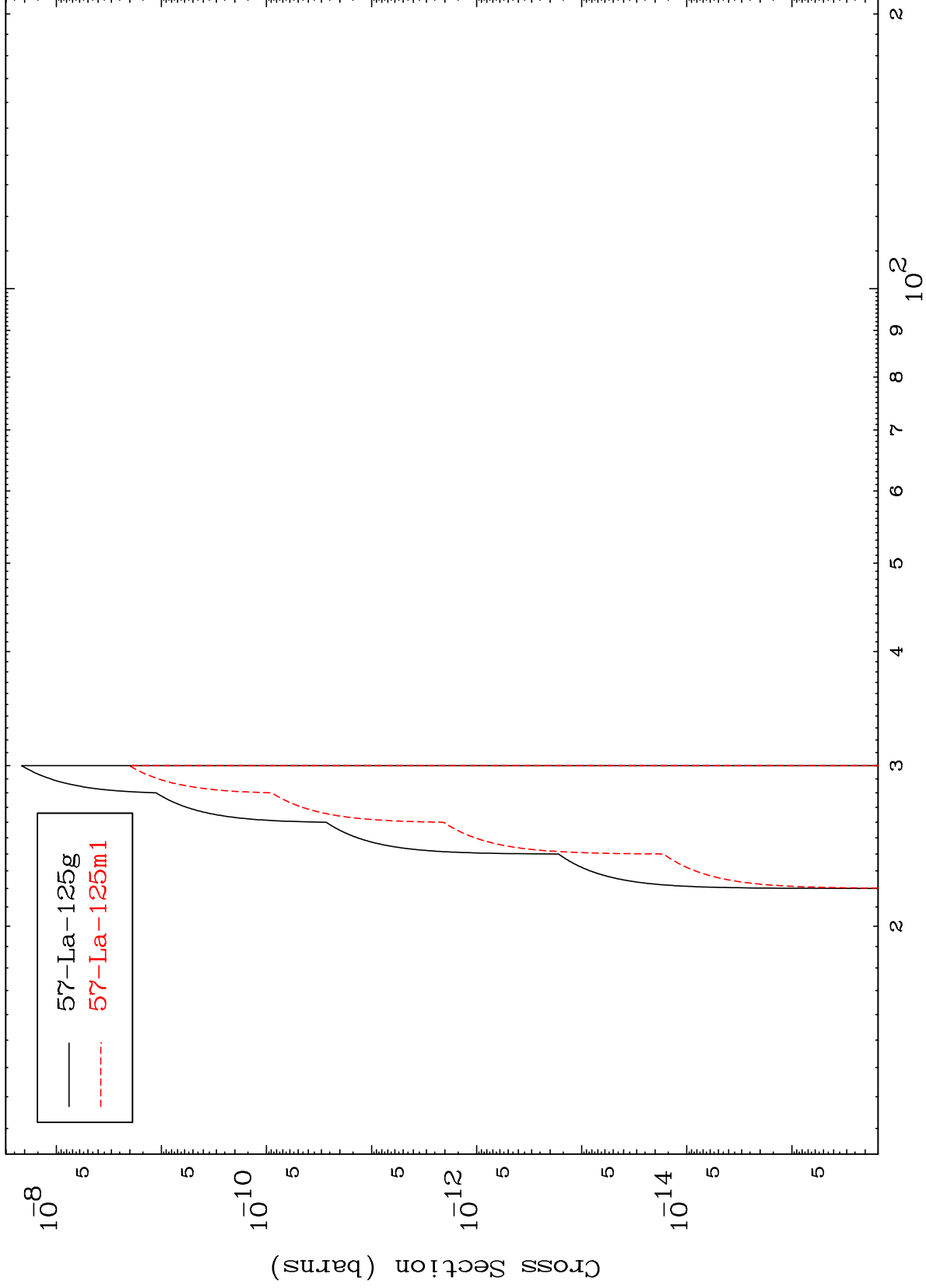
58-Ce-127

MAT 5798

(n,d)  $\alpha$

58-Ce-127

Radionuclide Production Cross Section



15

Incident Energy (MeV)

58-Ce-127