

Program EVALPLOT  
(Version 2021-1)

by

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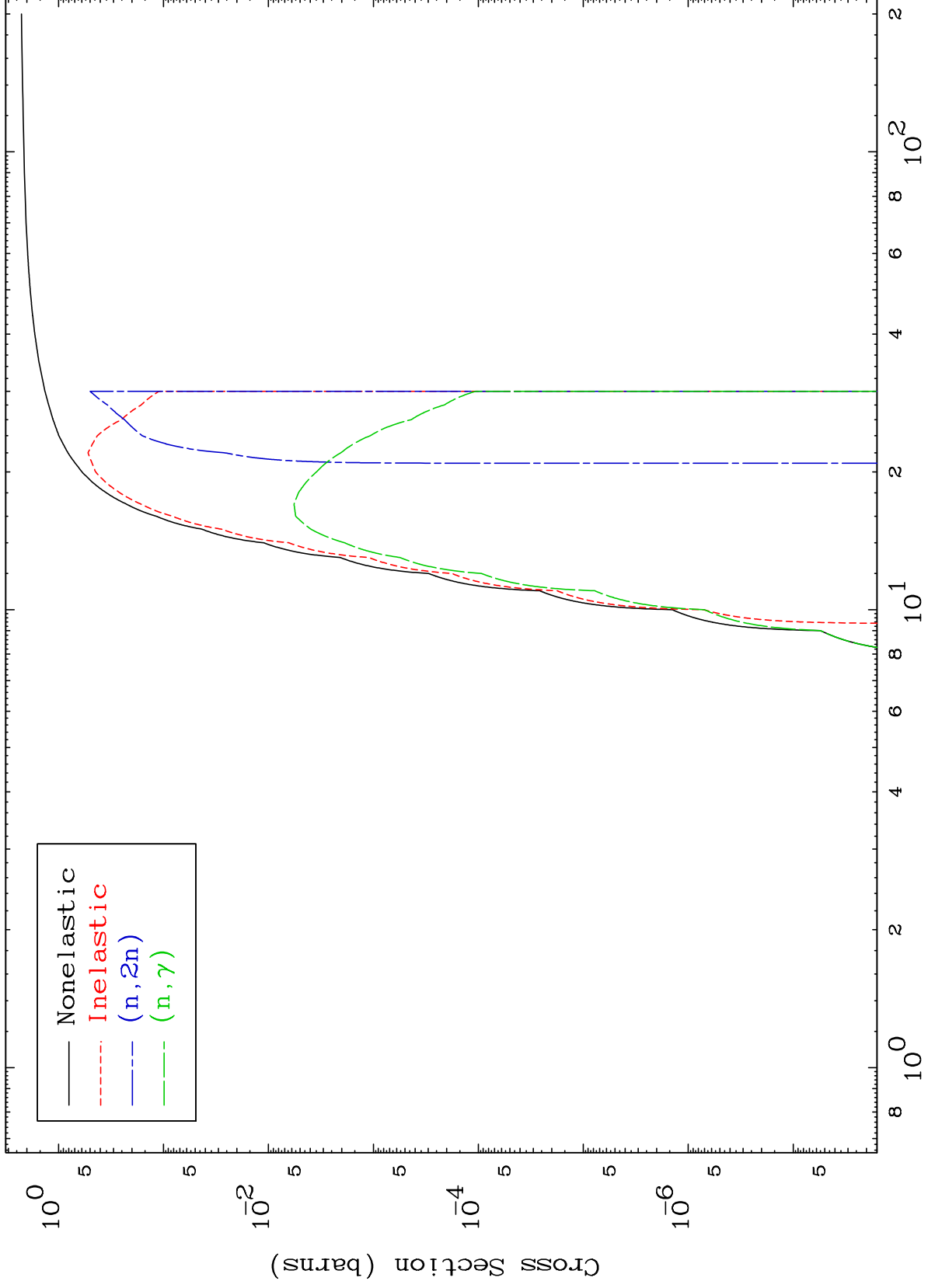
Press Mouse Button to Start

MAT 5616

0 Kelvin

$\alpha$  Major Cross Sections

56-Ba-127



1

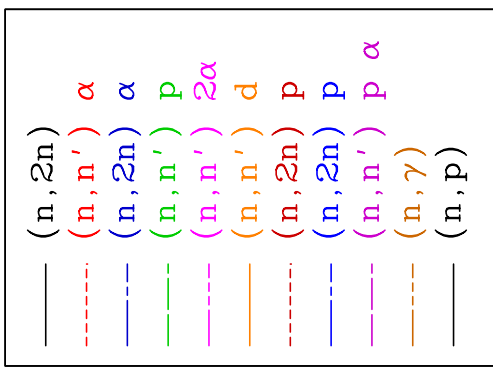
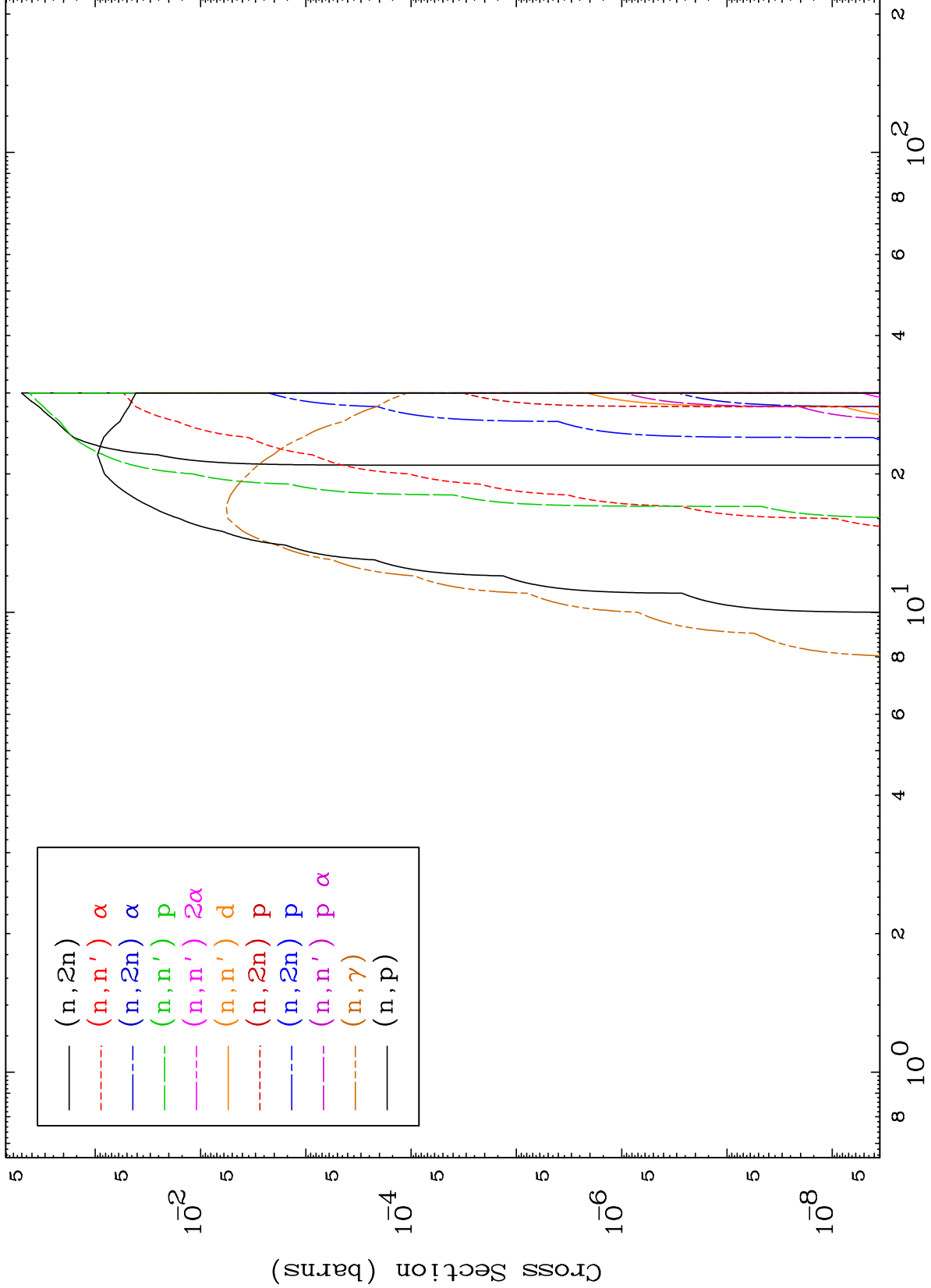
Incident Energy (MeV)

56-Ba-127

MAT 5616

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-127



56-Ba-127

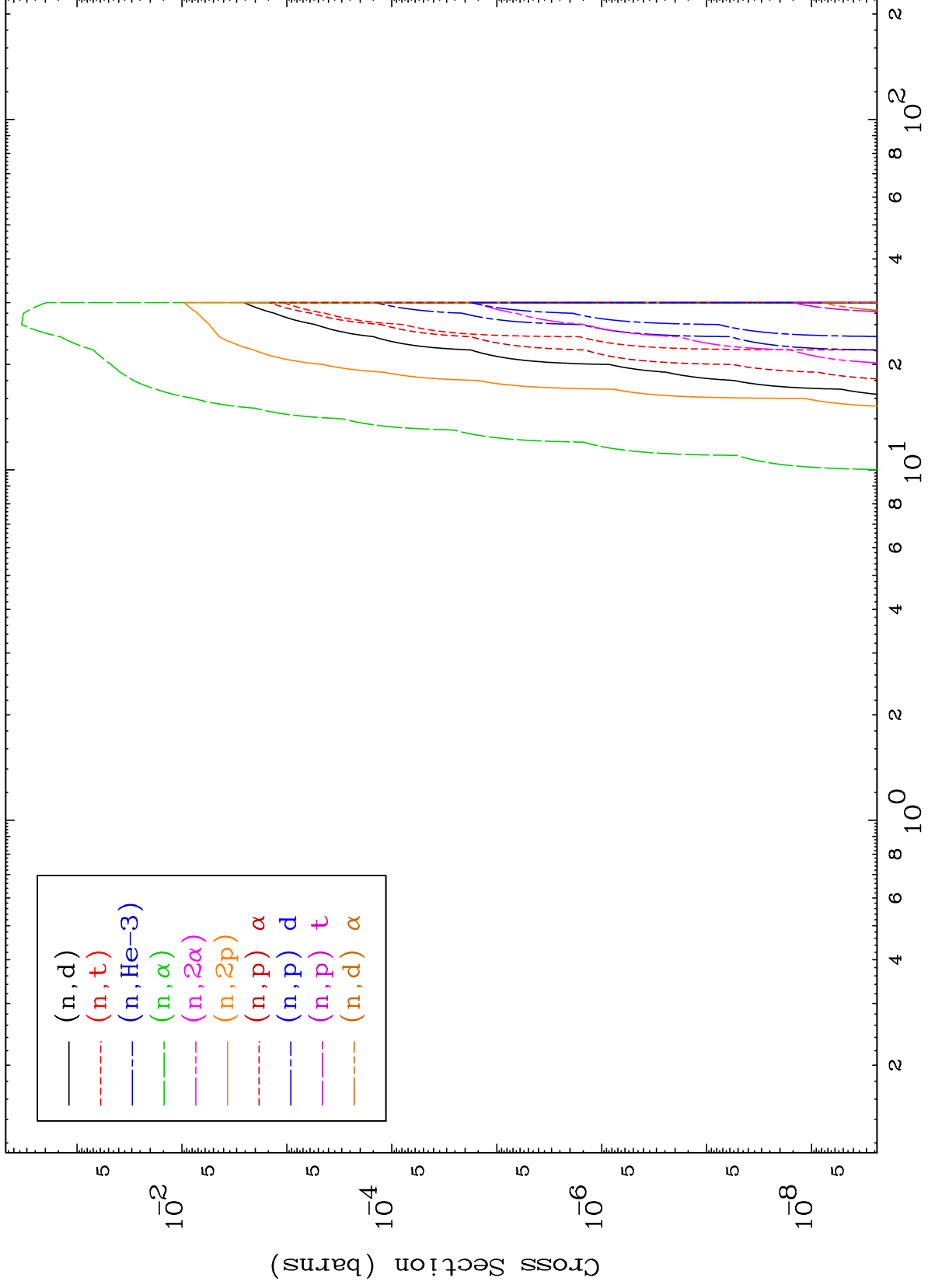
Incident Energy (MeV)

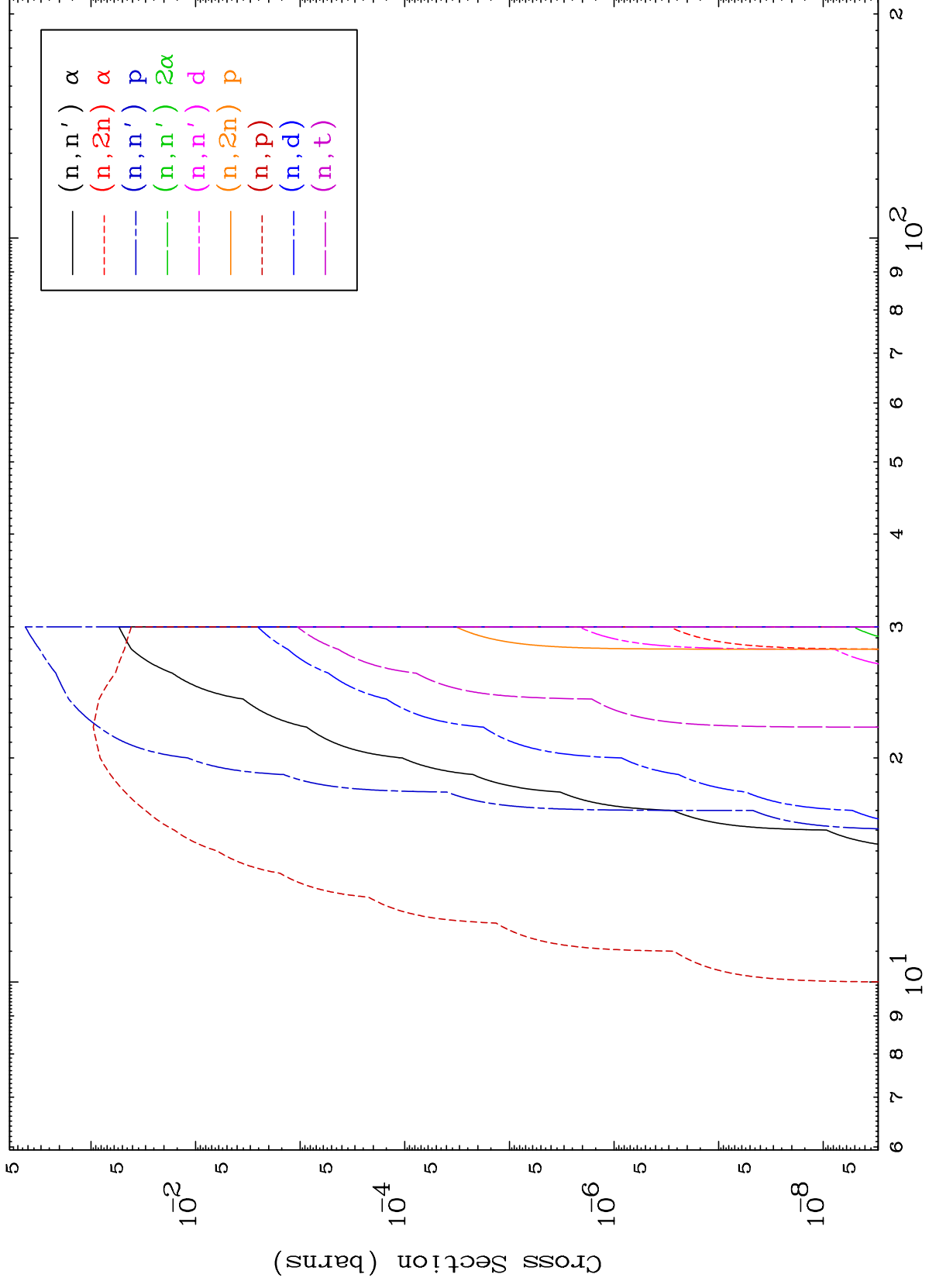
2

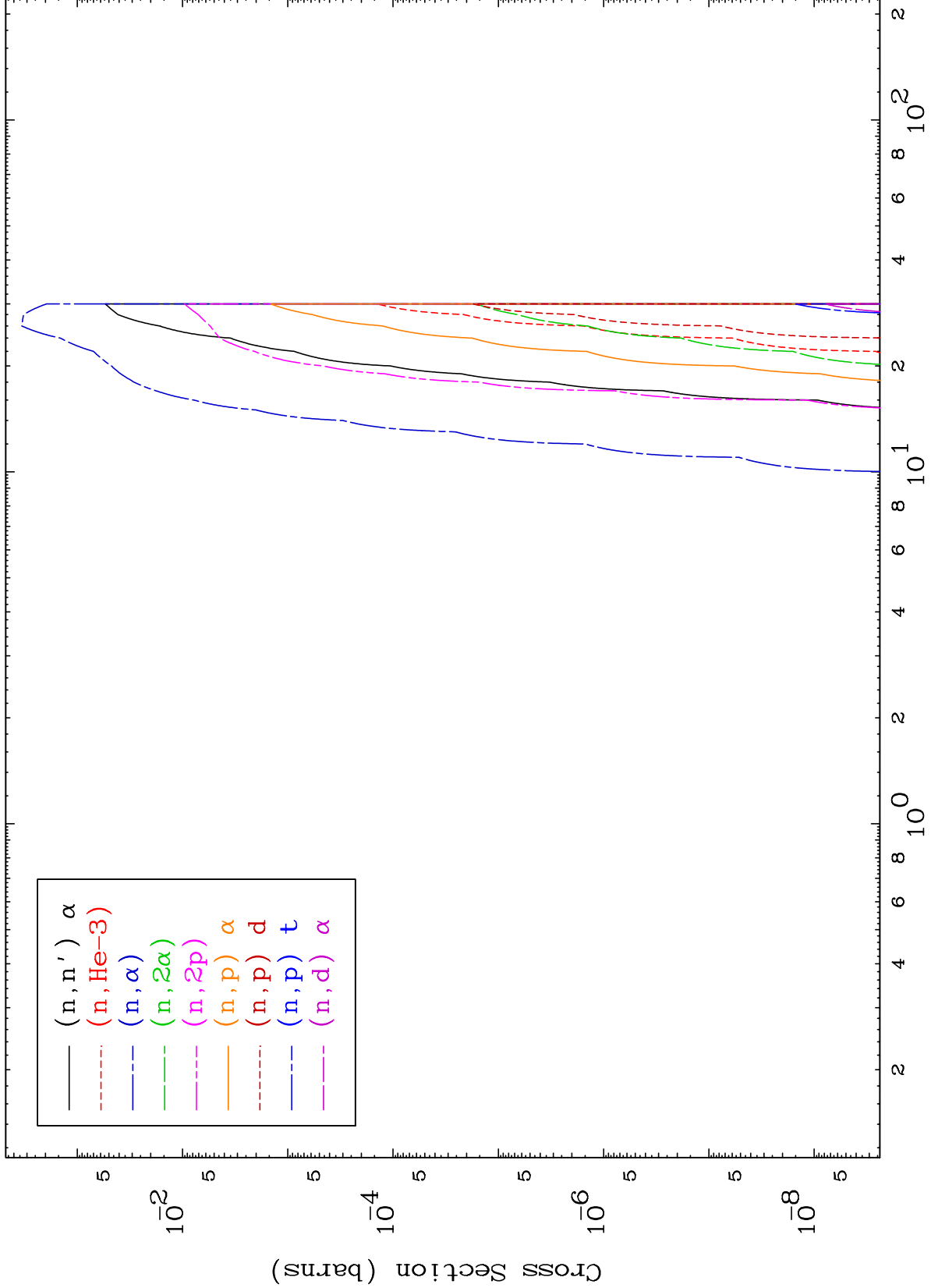
MAT 5616

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-127



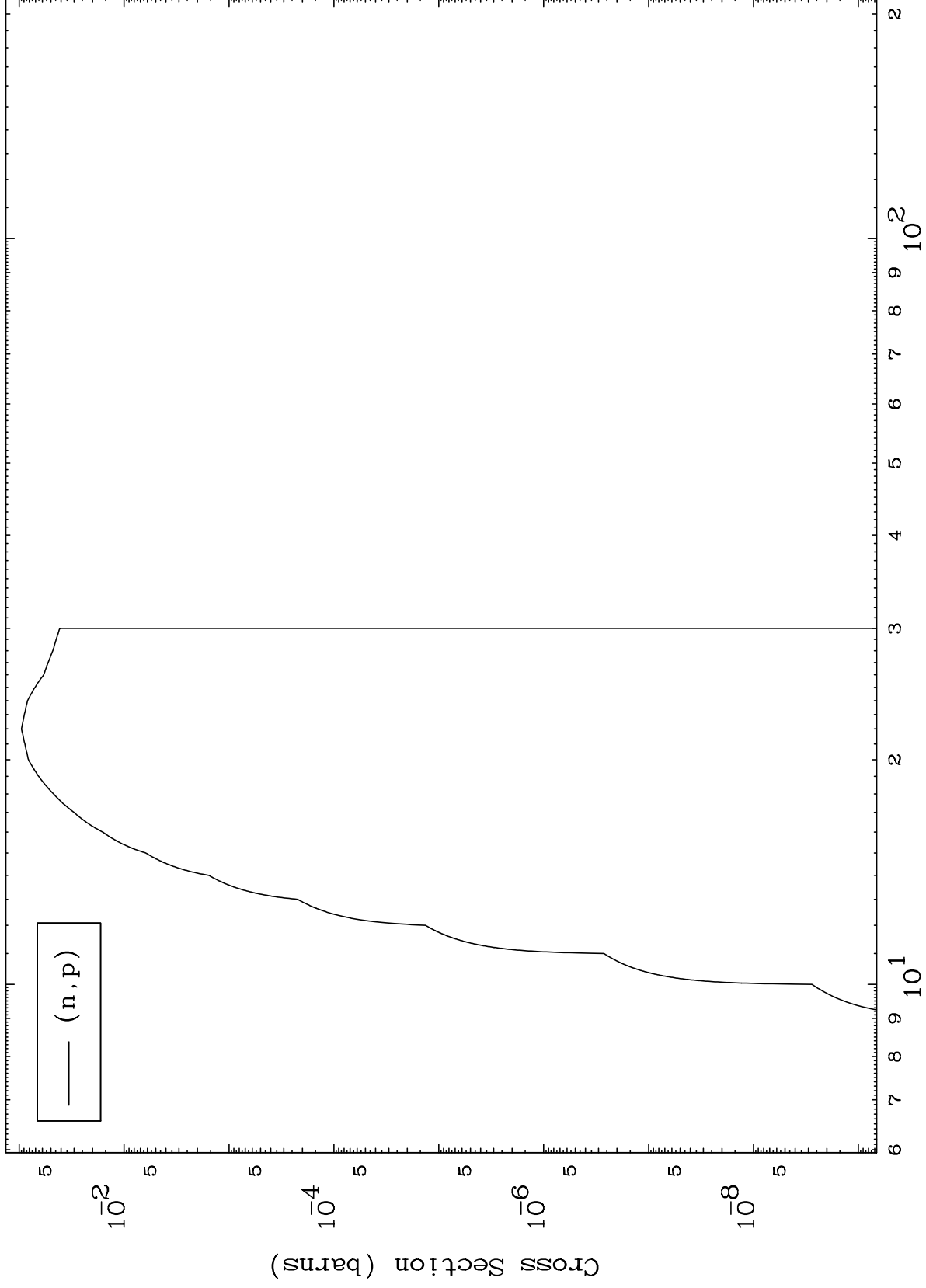




MAT 5616

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

56-Ba-127



6

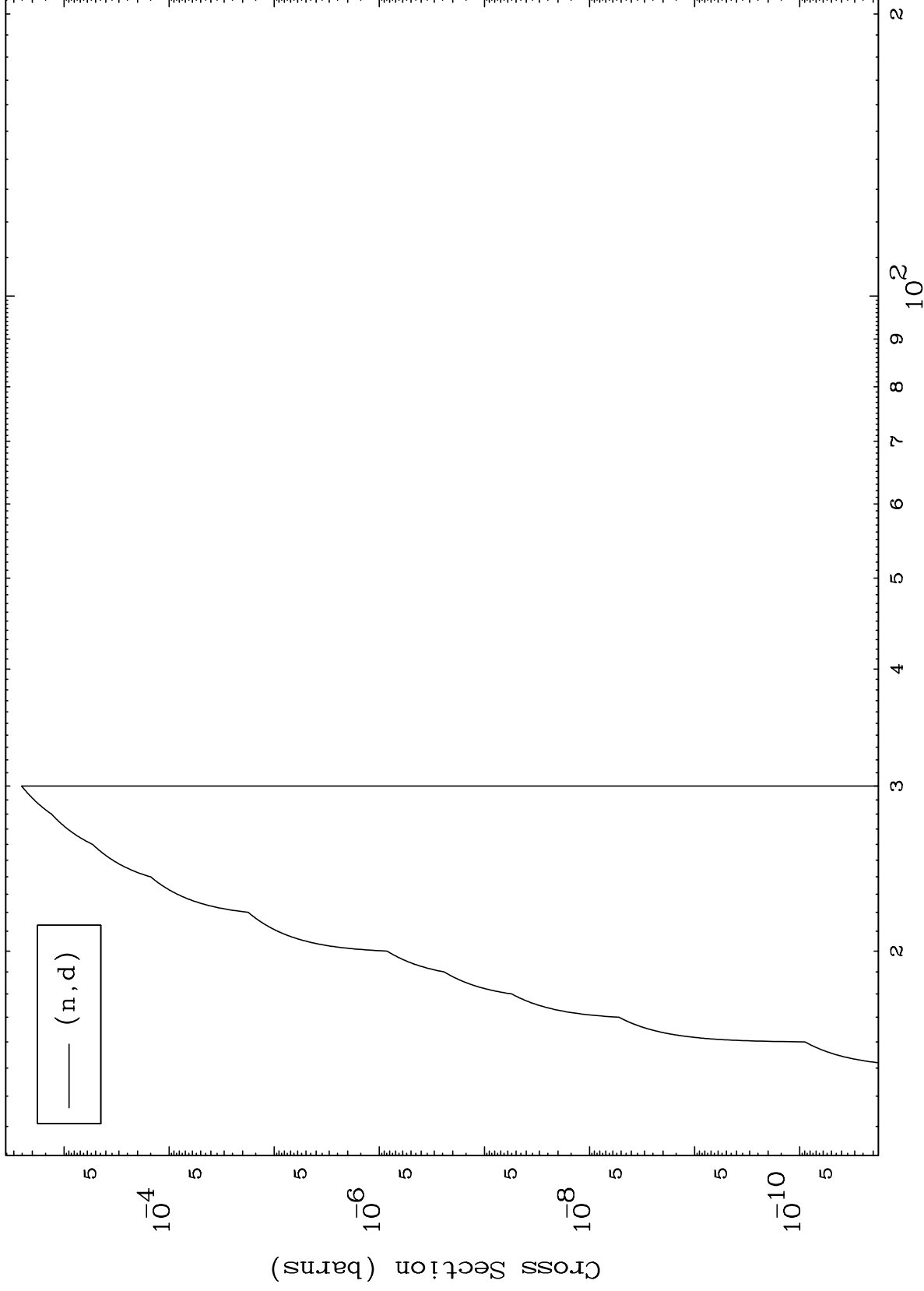
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

56-Ba-127



7

Incident Energy (MeV)

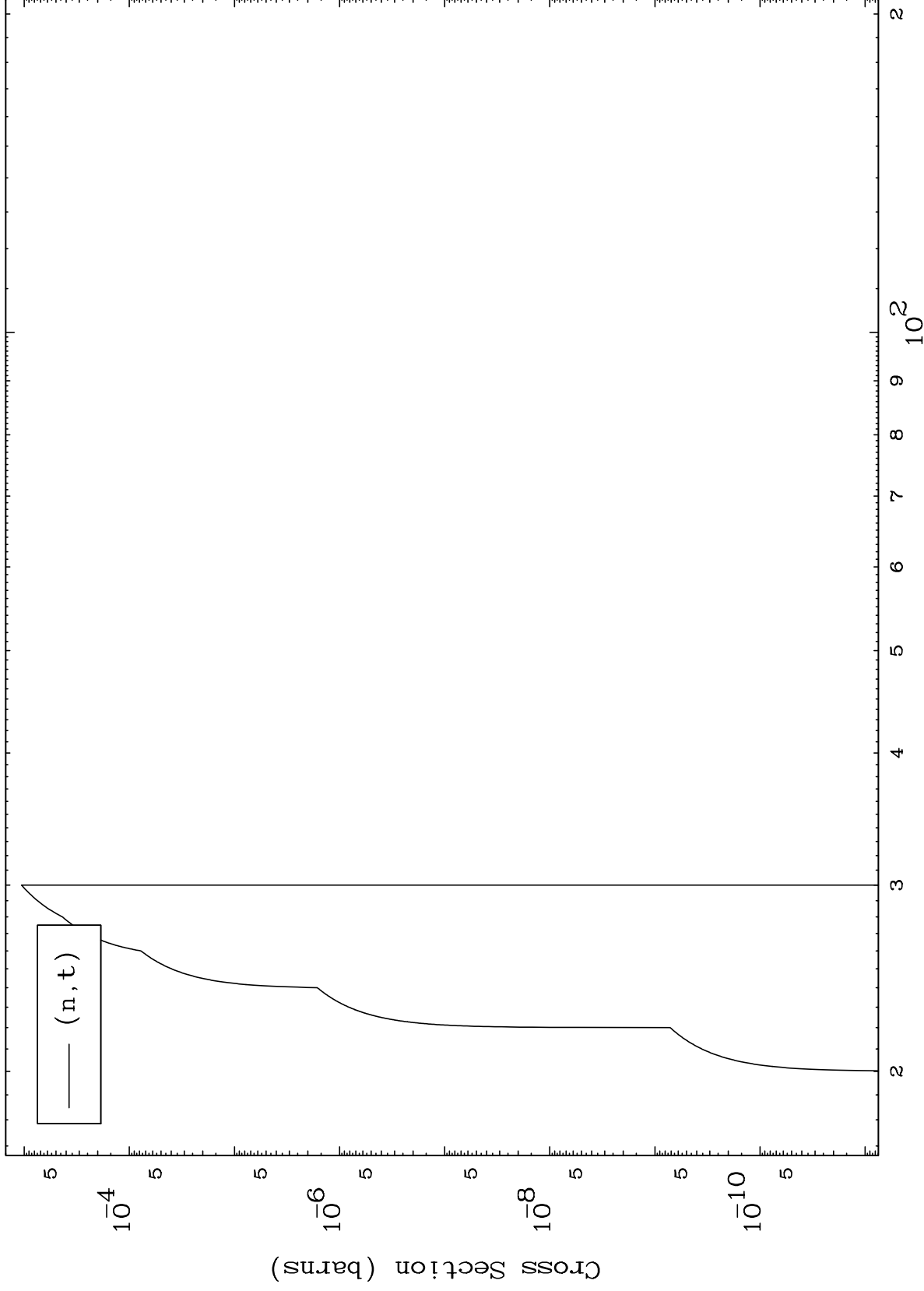
56-Ba-127



MAT 5616

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

56-Ba-127



8

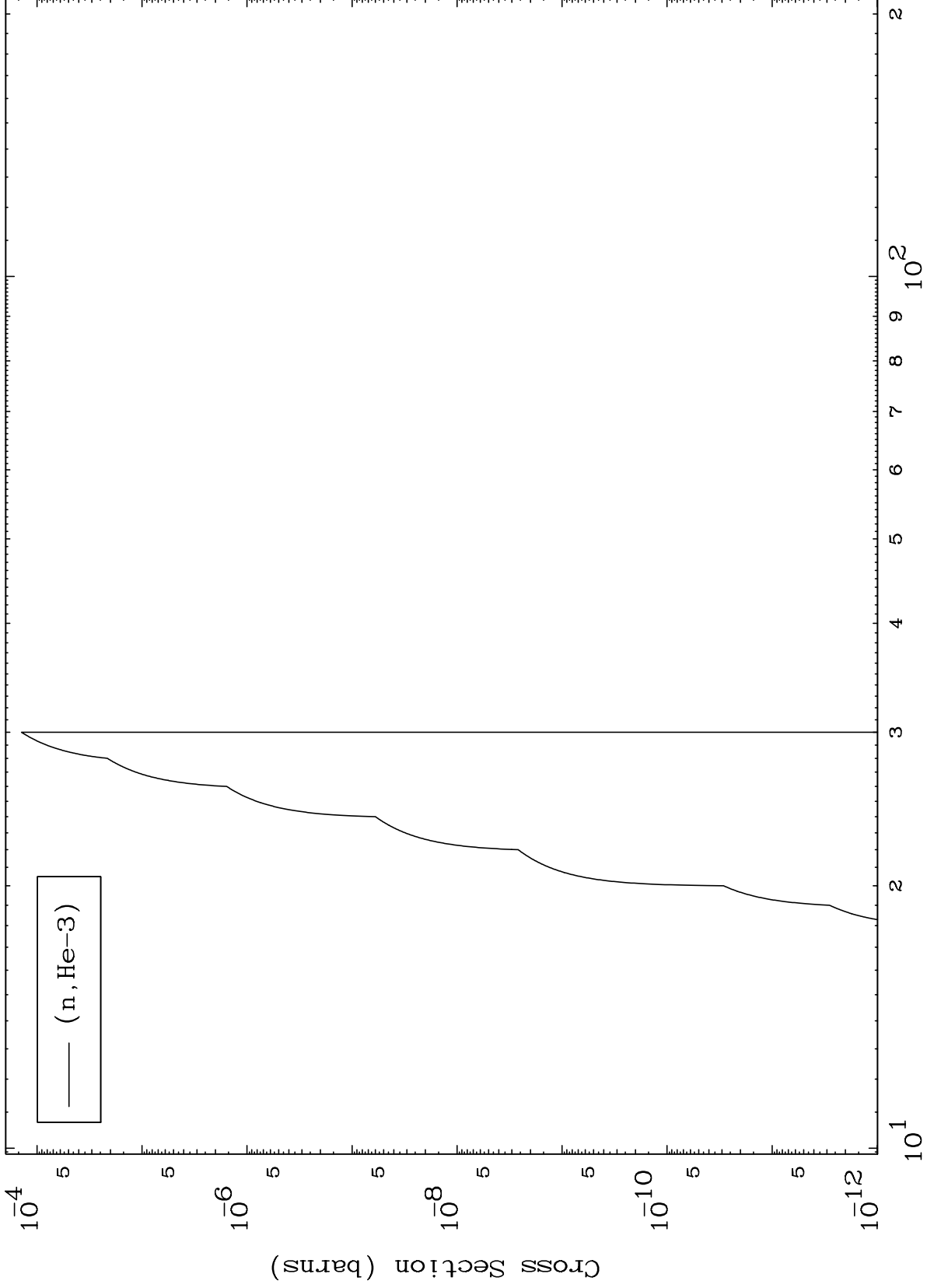
Incident Energy (MeV)

56-Ba-127

MAT 5616

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

56-Ba-127



Incident Energy (MeV)

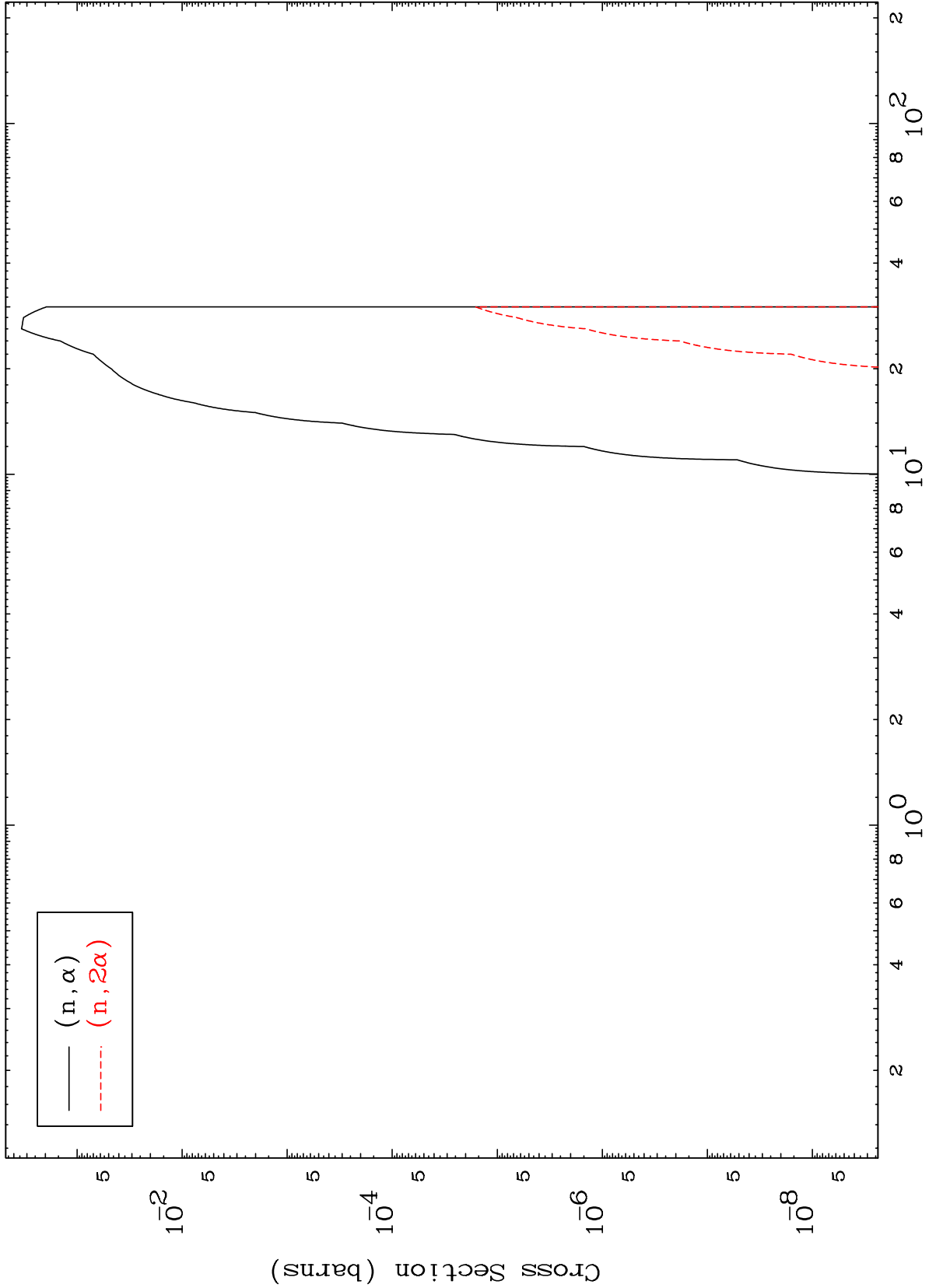
56-Ba-127

MAT 5616

( $\alpha, \alpha$ ) Levels

56-Ba-127

0 Kelvin Cross Sections



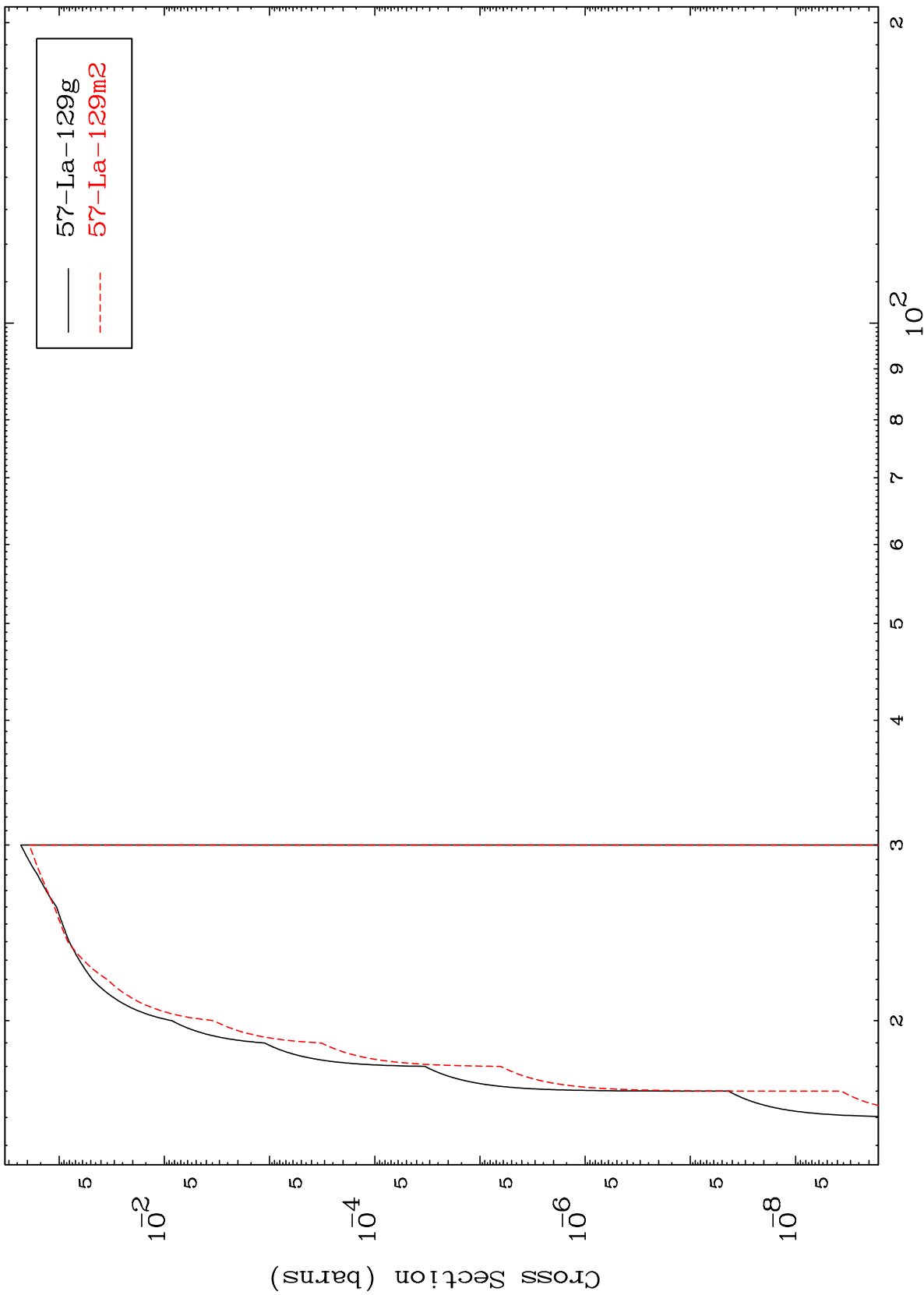
— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

Incident Energy (MeV)

56-Ba-127

Radionuclide Production Cross Section

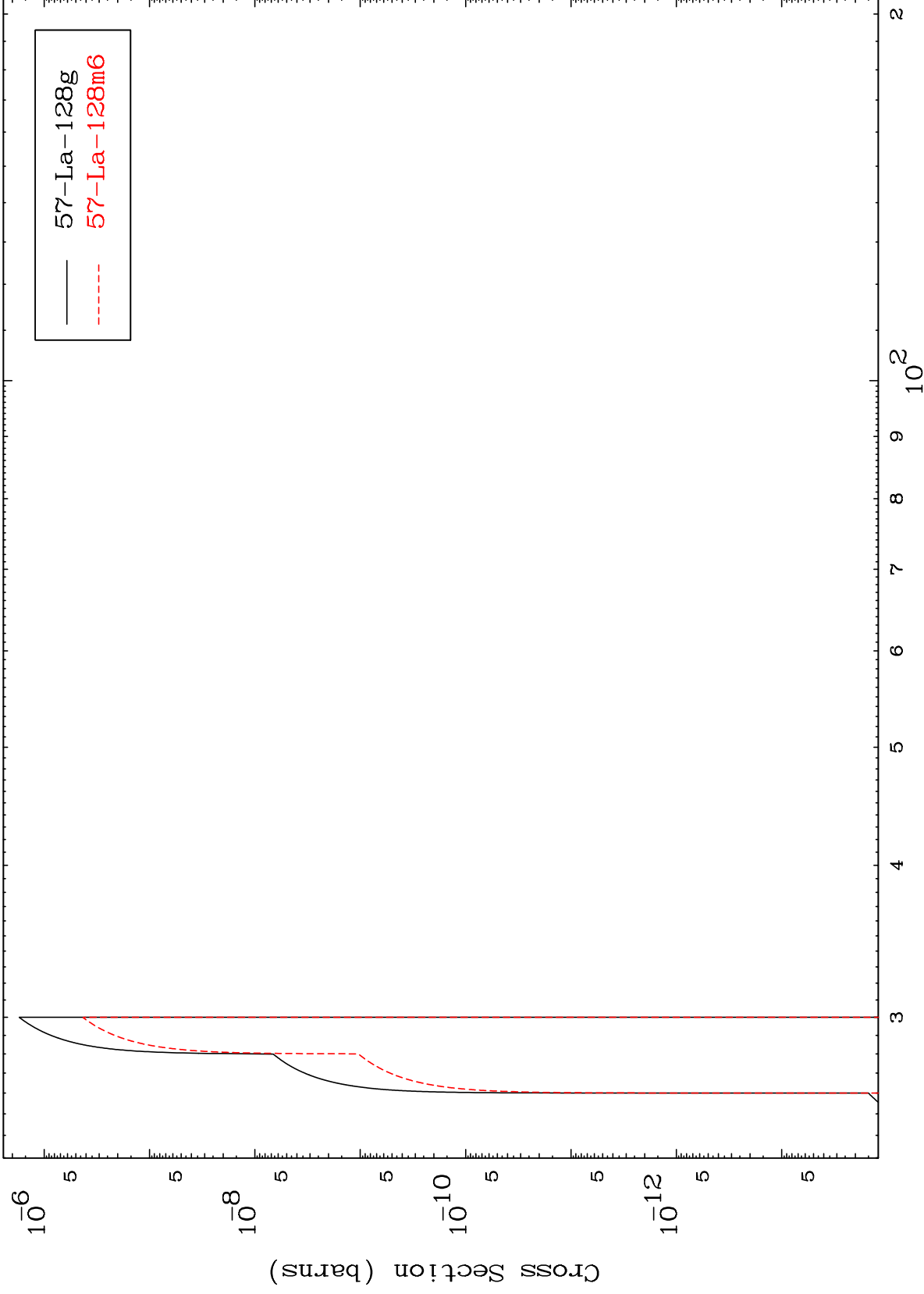


MAT 5616

(n,n') d

56-Ba-127

Radionuclide Production Cross Section

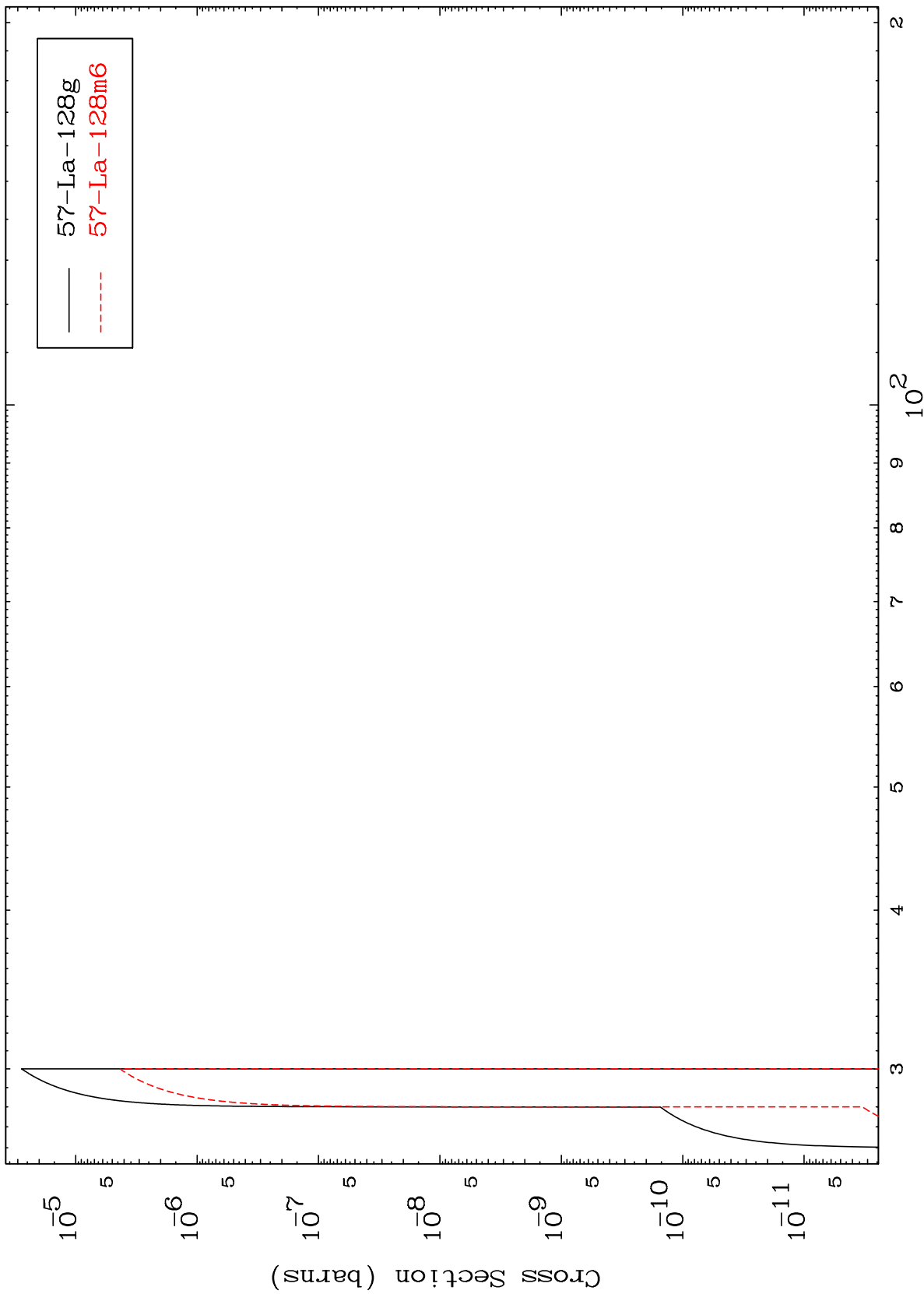


12

Incident Energy (MeV)

56-Ba-127

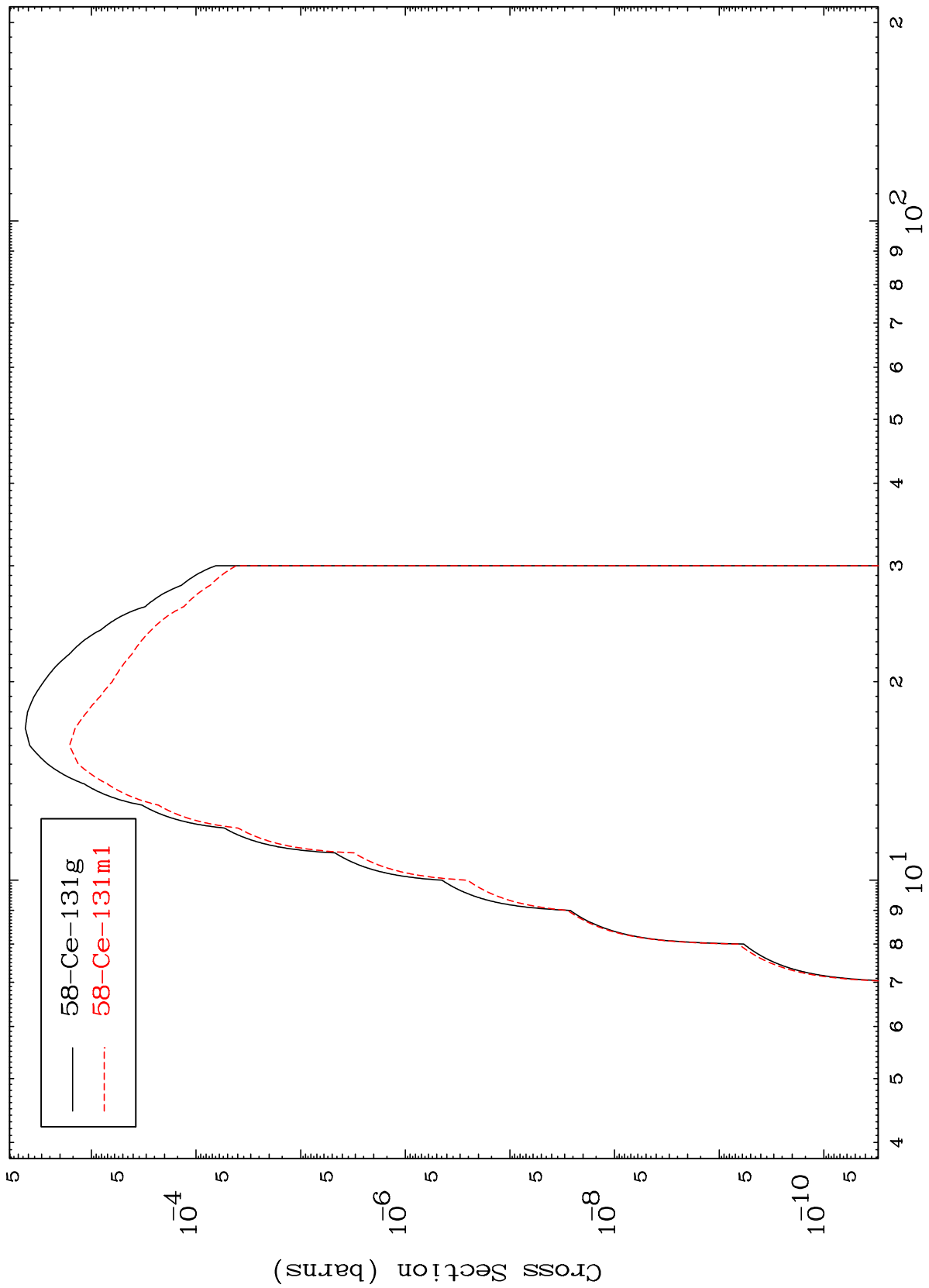
Radionuclide Production Cross Section



MAT 5616

56-Ba-127

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



— 58-Ce-131g  
- - - 58-Ce-131m1

56-Ba-127

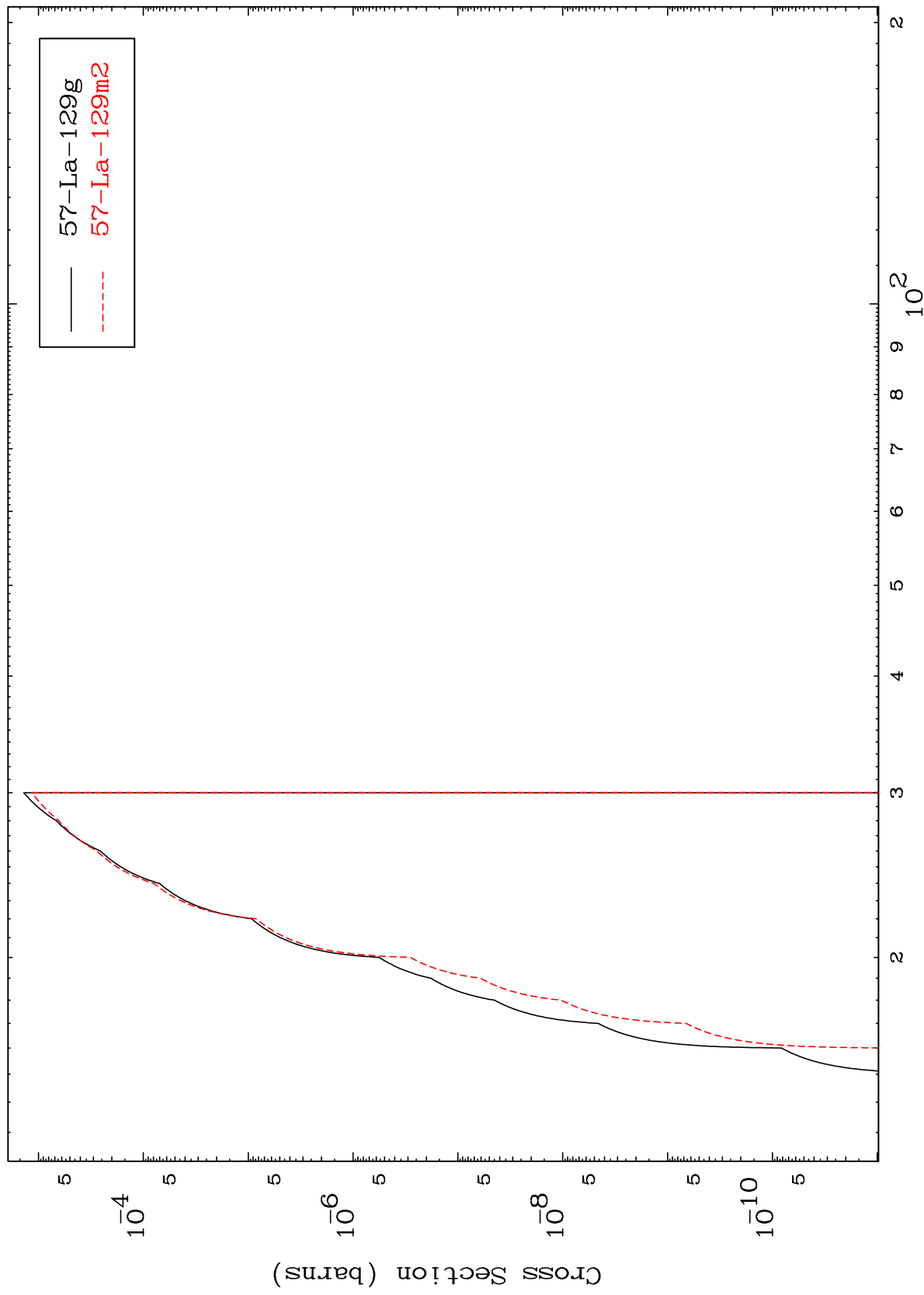
Incident Energy (MeV)

14

MAT 5616

56-Ba-127

(n,d)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

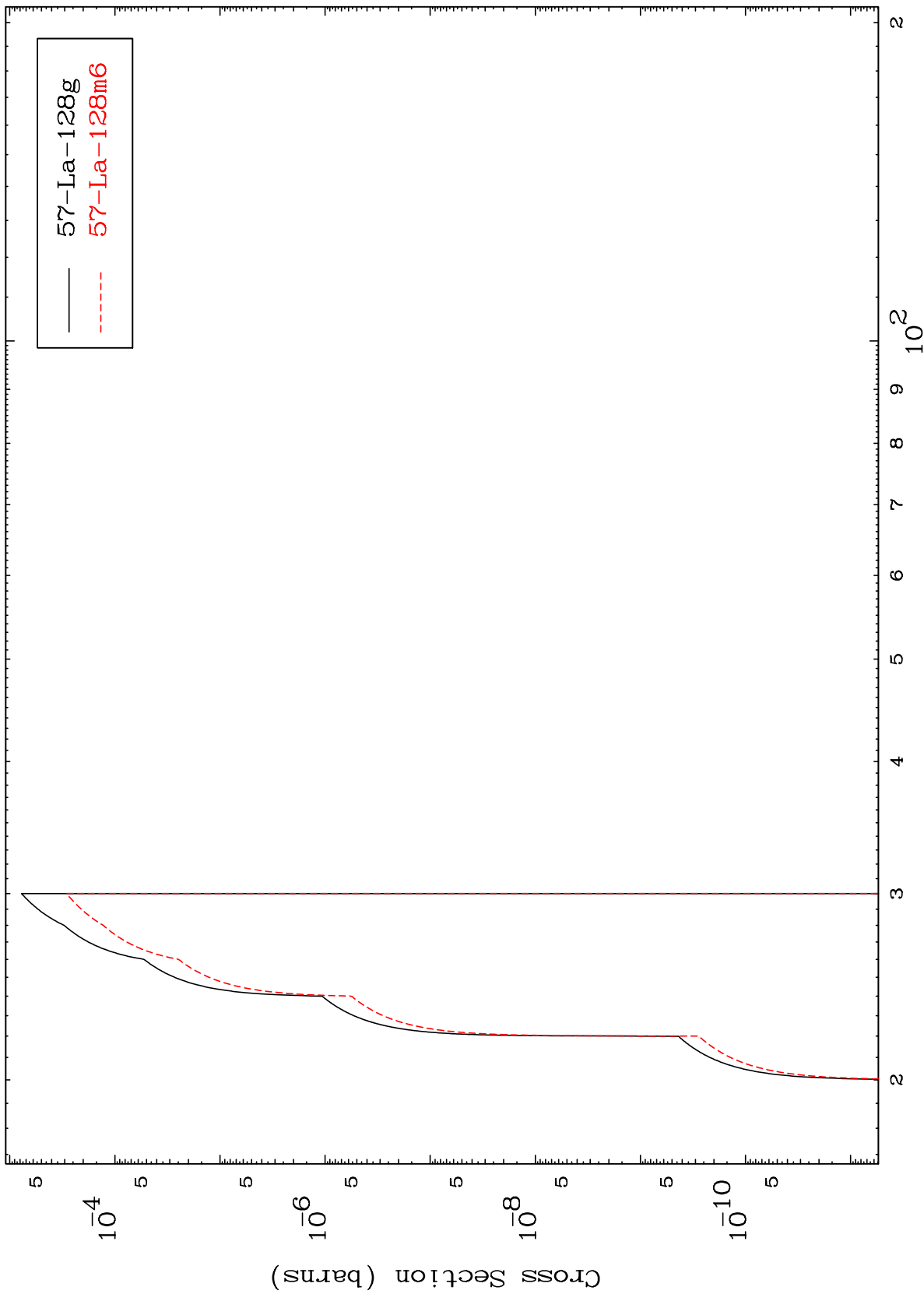
56-Ba-127



MAT 5616

56-Ba-127

(n, t)  
Radionuclide Production Cross Section



16

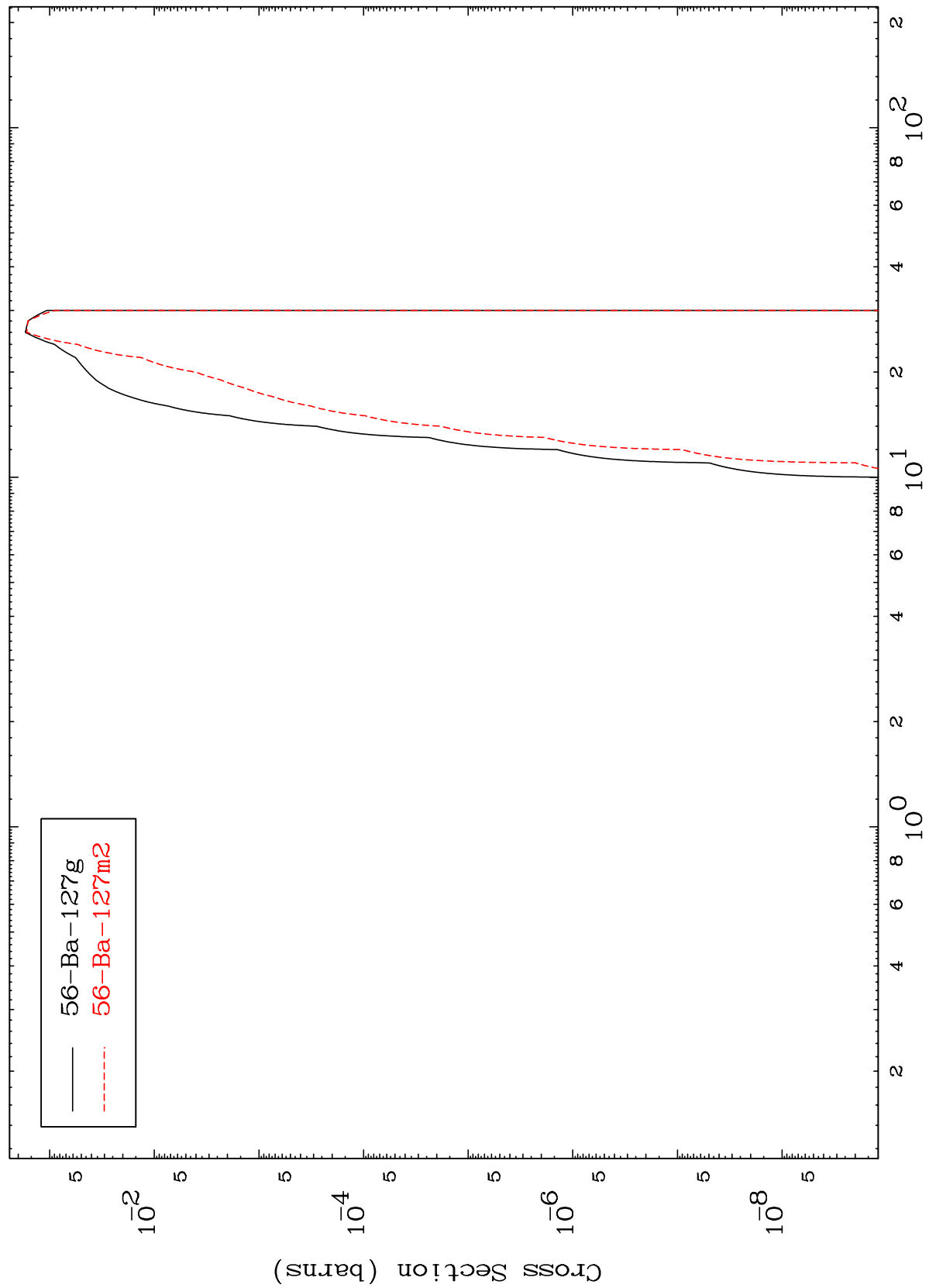
56-Ba-127

Incident Energy (MeV)

MAT 5616

56-Ba-127

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



56-Ba-127

Incident Energy (MeV)

17

