

Program EVALPLOT  
(Version 2021-1)

by

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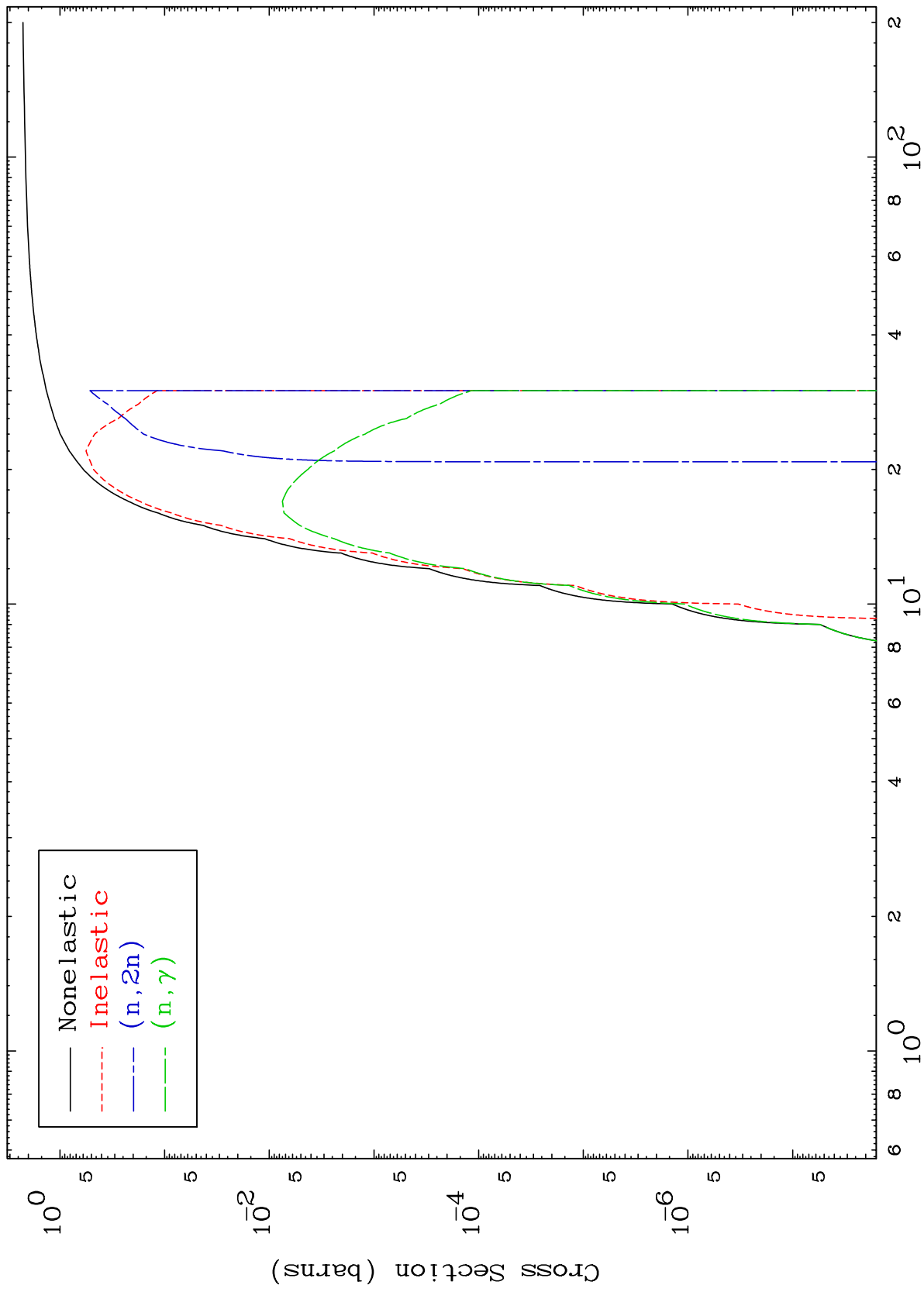
Press Mouse Button to Start

MAT 5617

$\alpha$  Major

56-Ba-127m

0 Kelvin Cross Sections



1

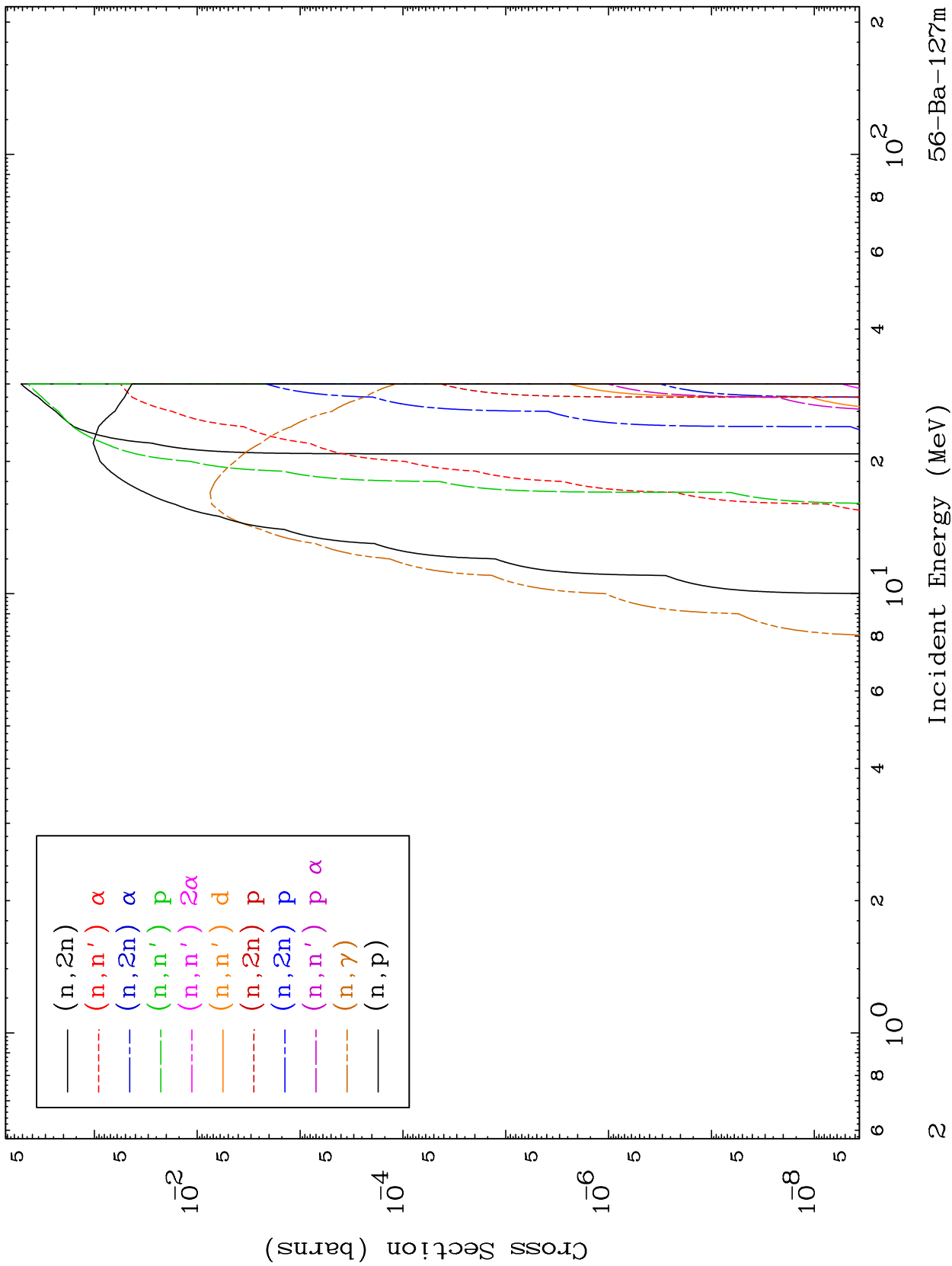
Incident Energy (MeV)

56-Ba-127m

MAT 5617

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-127m



Incident Energy (MeV)

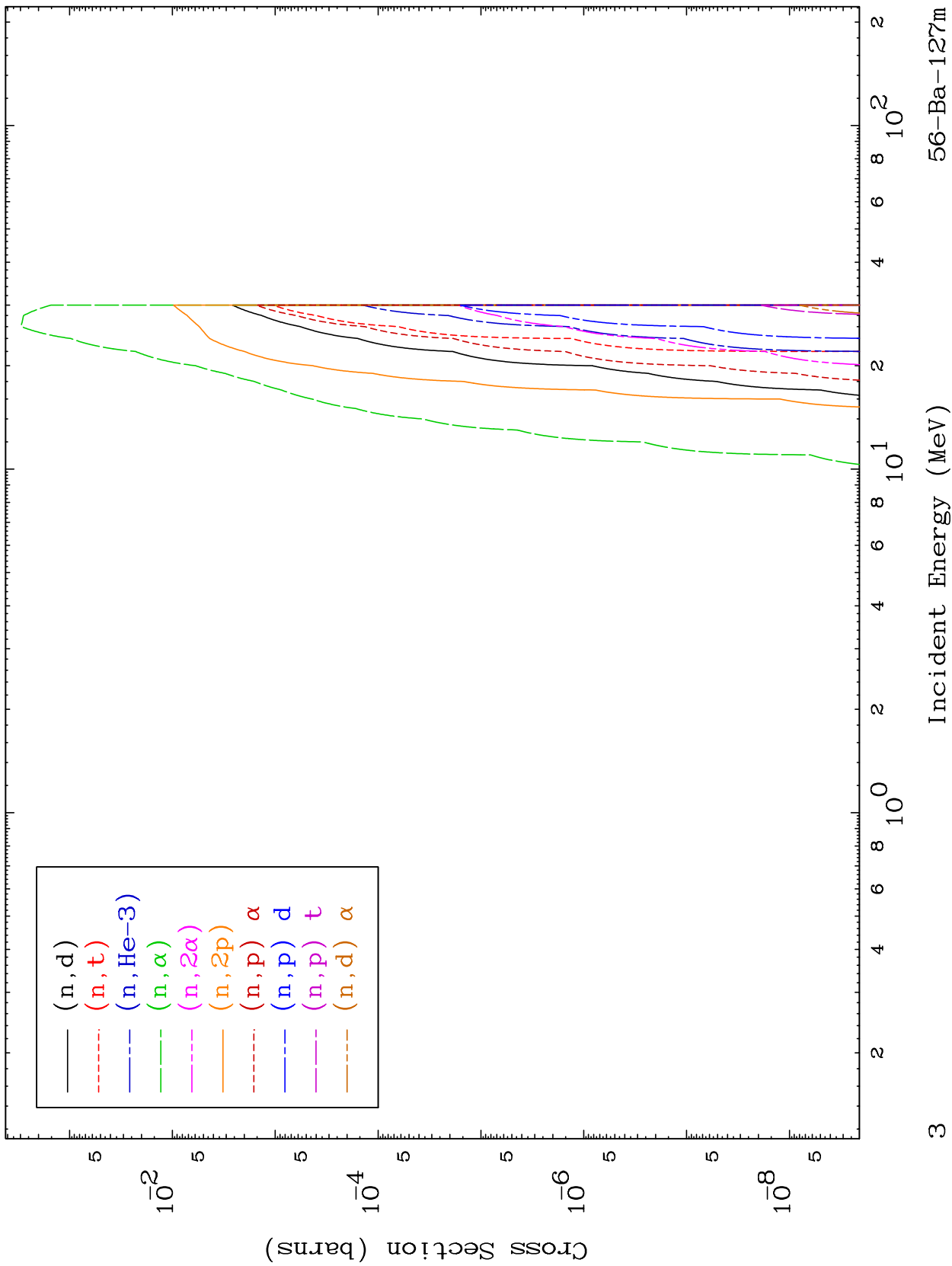
56-Ba-127m

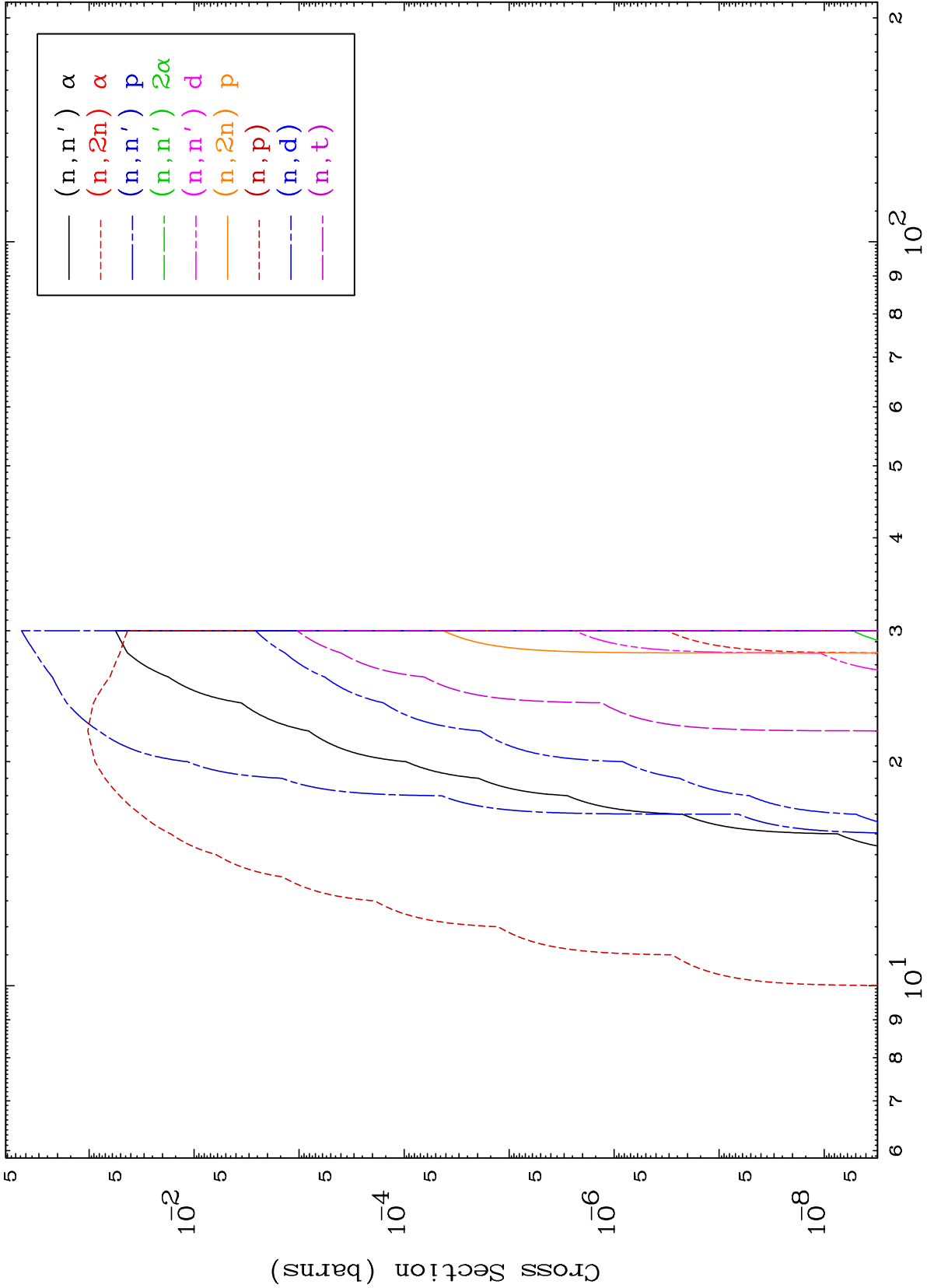
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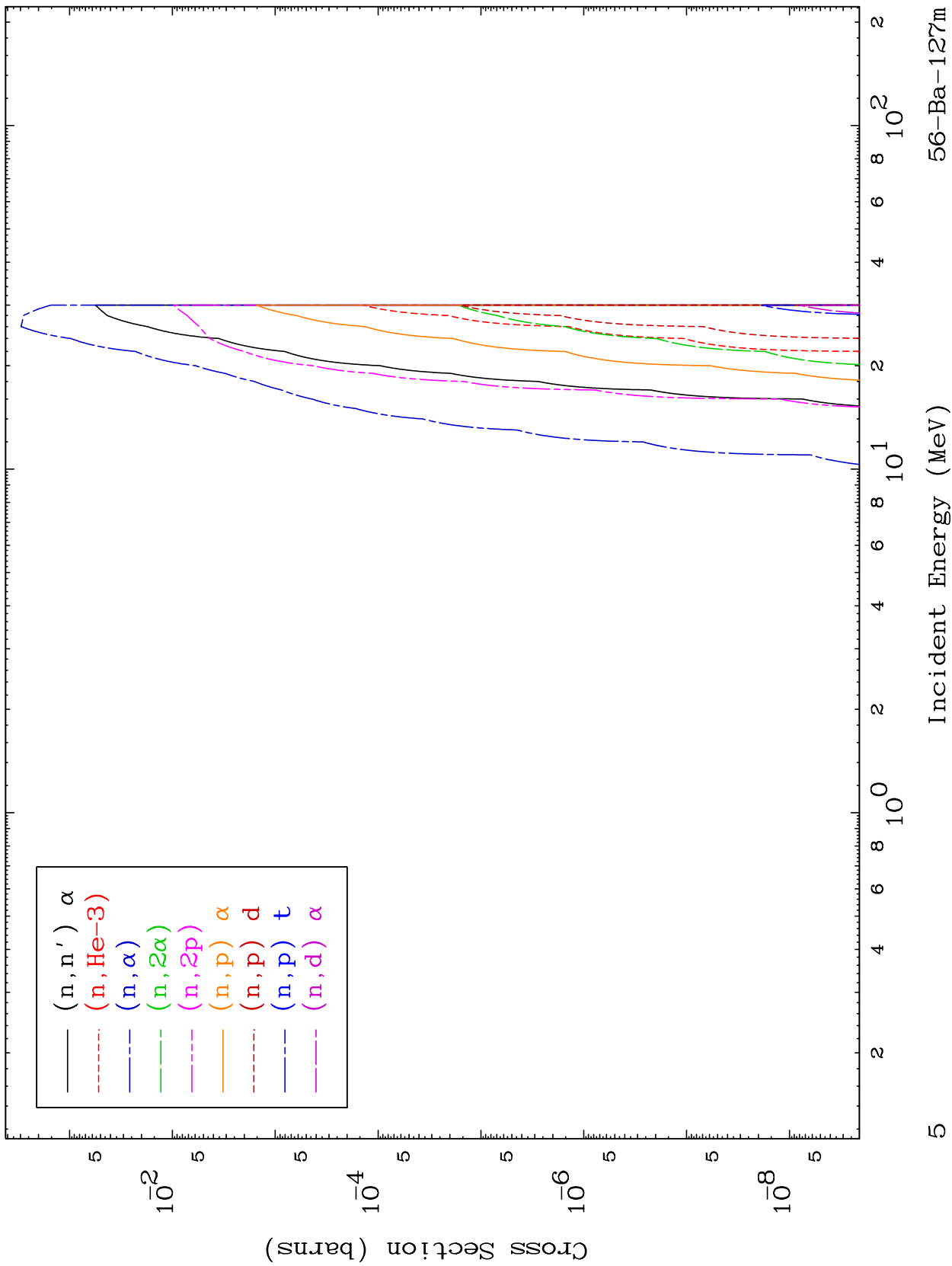
MAT 5617

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-127m





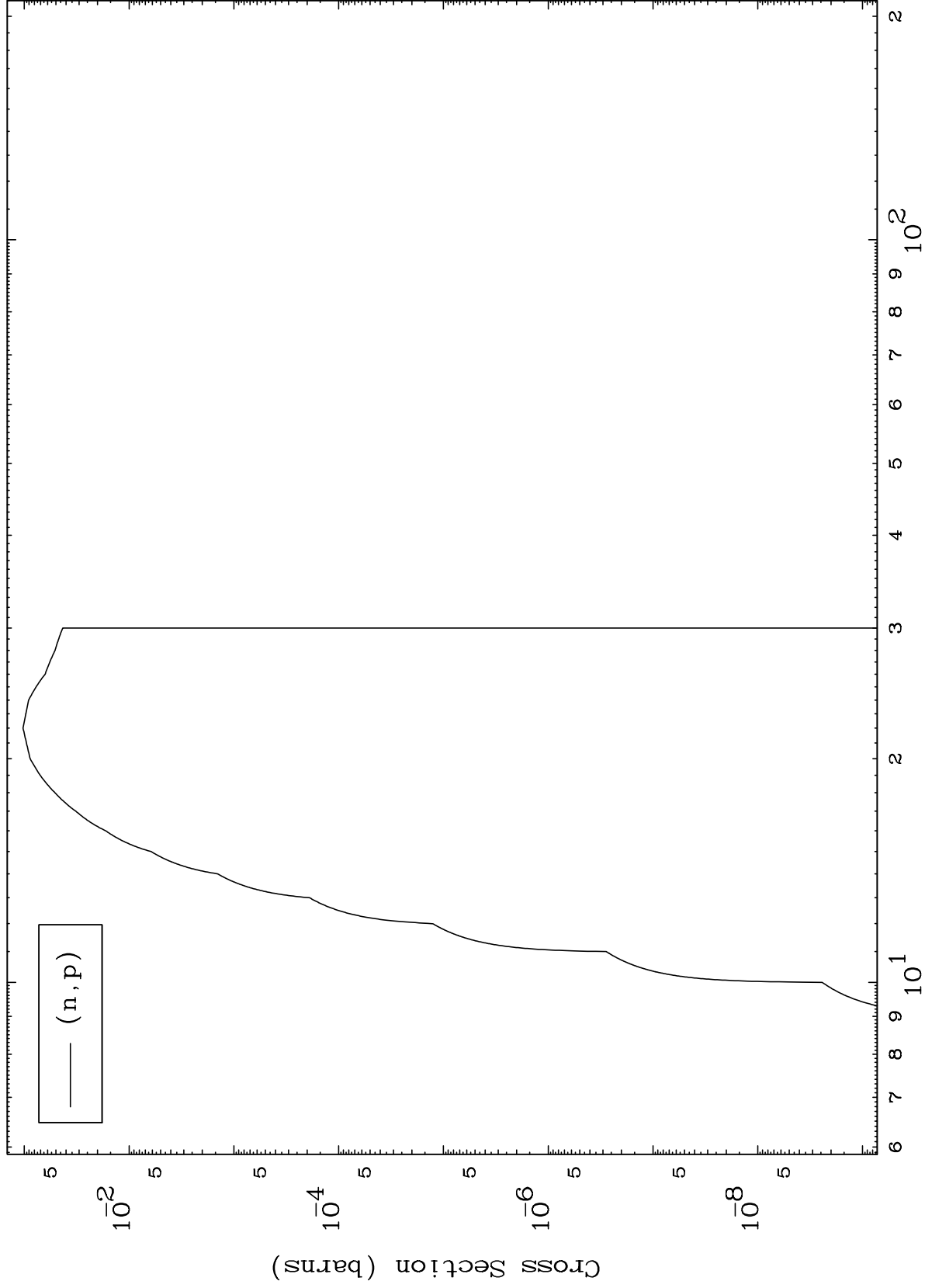


MAT 5617

( $\alpha, p$ ) Levels

56-Ba-127m

0 Kelvin Cross Sections



6

Incident Energy (MeV)

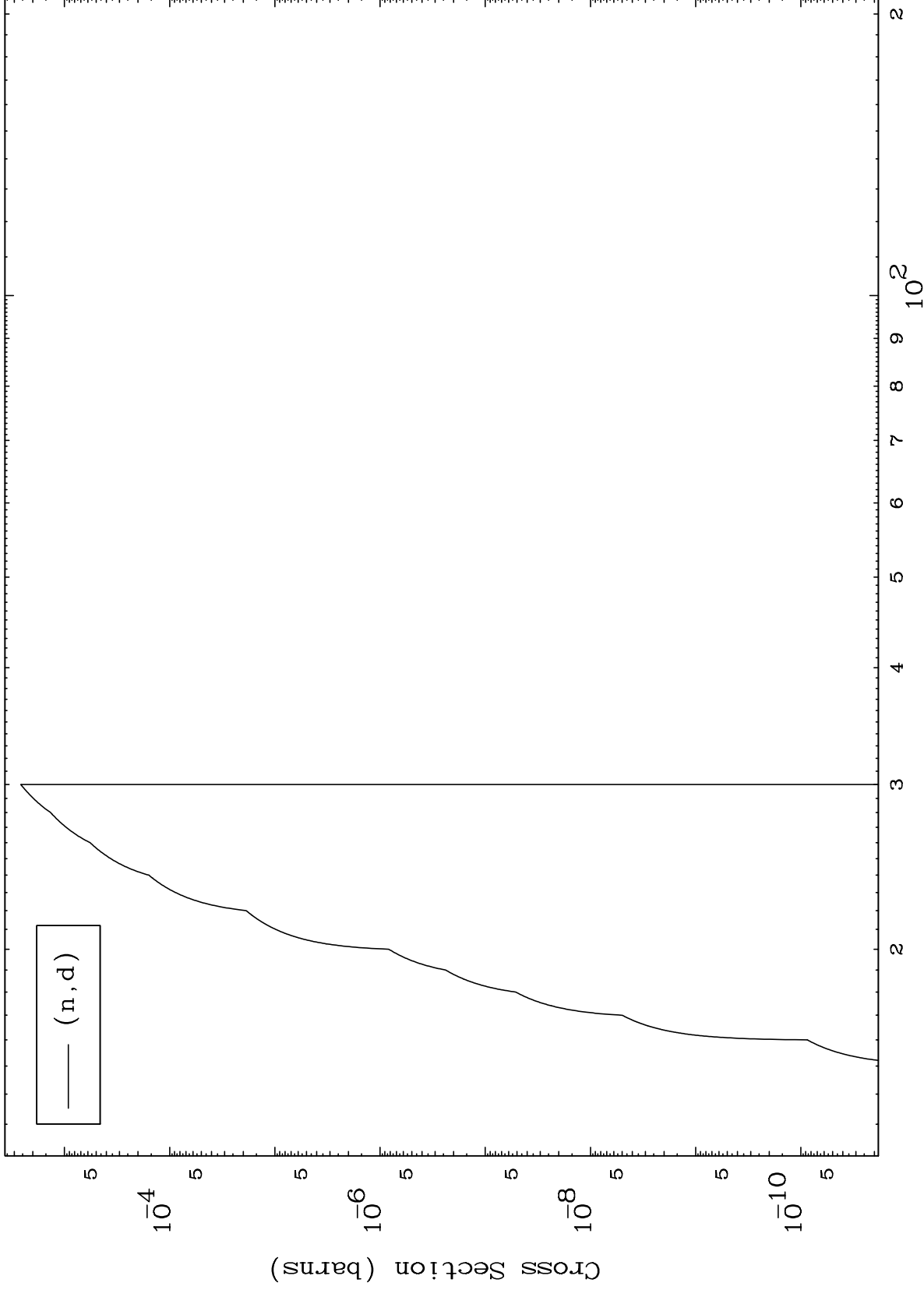
56-Ba-127m

MAT 5617

( $\alpha, d$ ) Levels

56-Ba-127m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

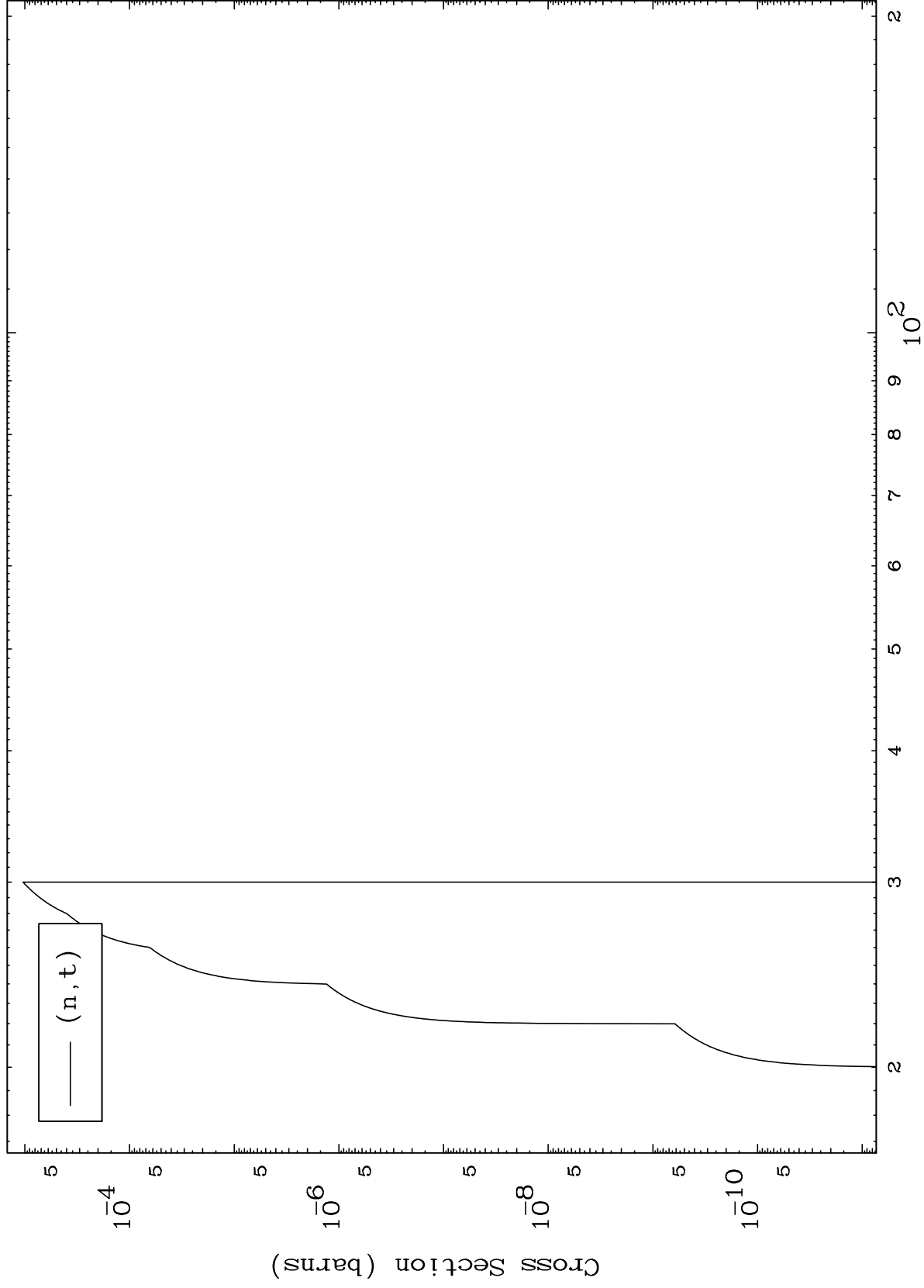
56-Ba-127m



MAT 5617

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

56-Ba-127m



8

Incident Energy (MeV)

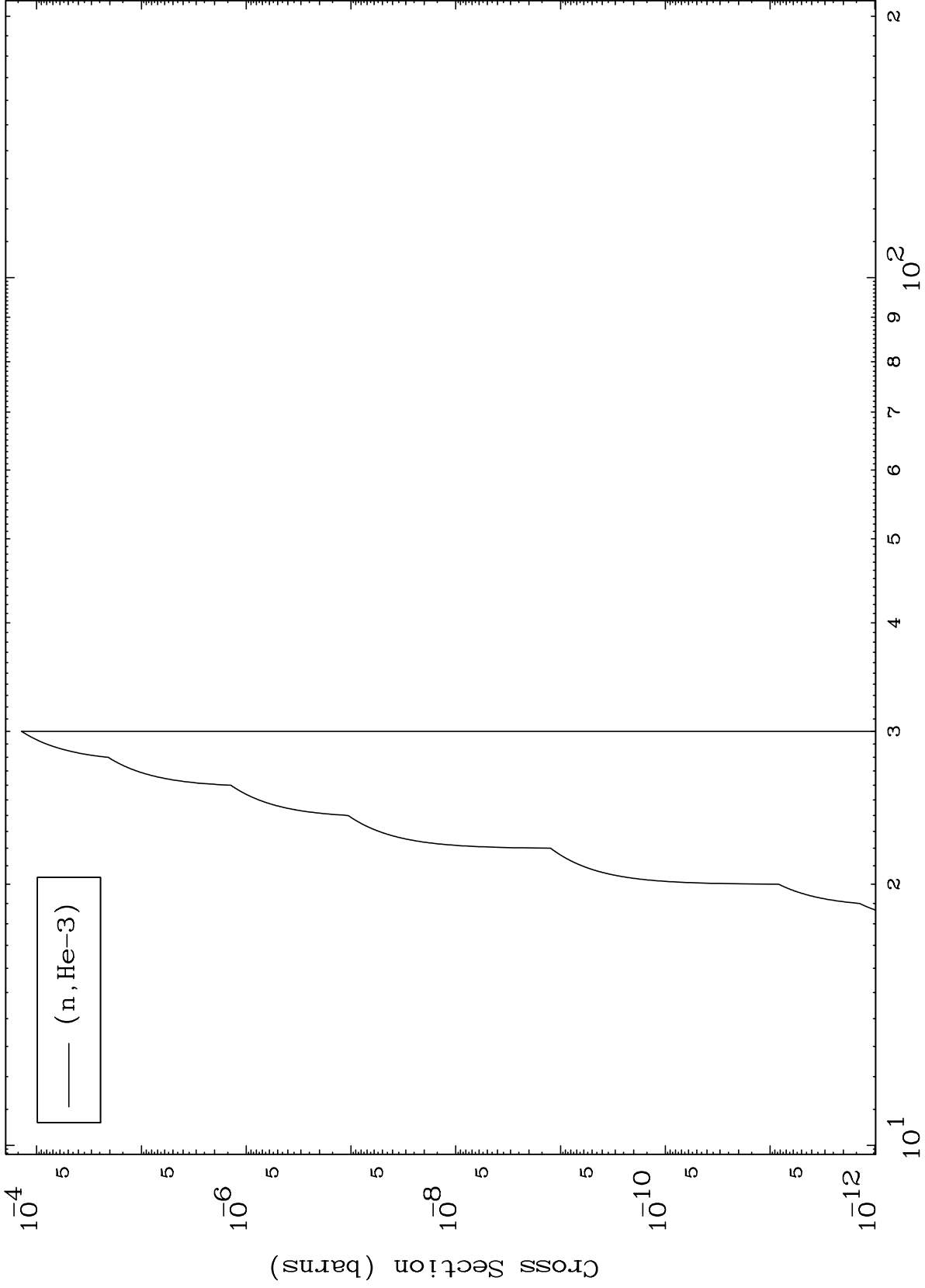
56-Ba-127m

MAT 5617

( $\alpha$ , He3) Levels

56-Ba-127m

0 Kelvin Cross Sections



Incident Energy (MeV)

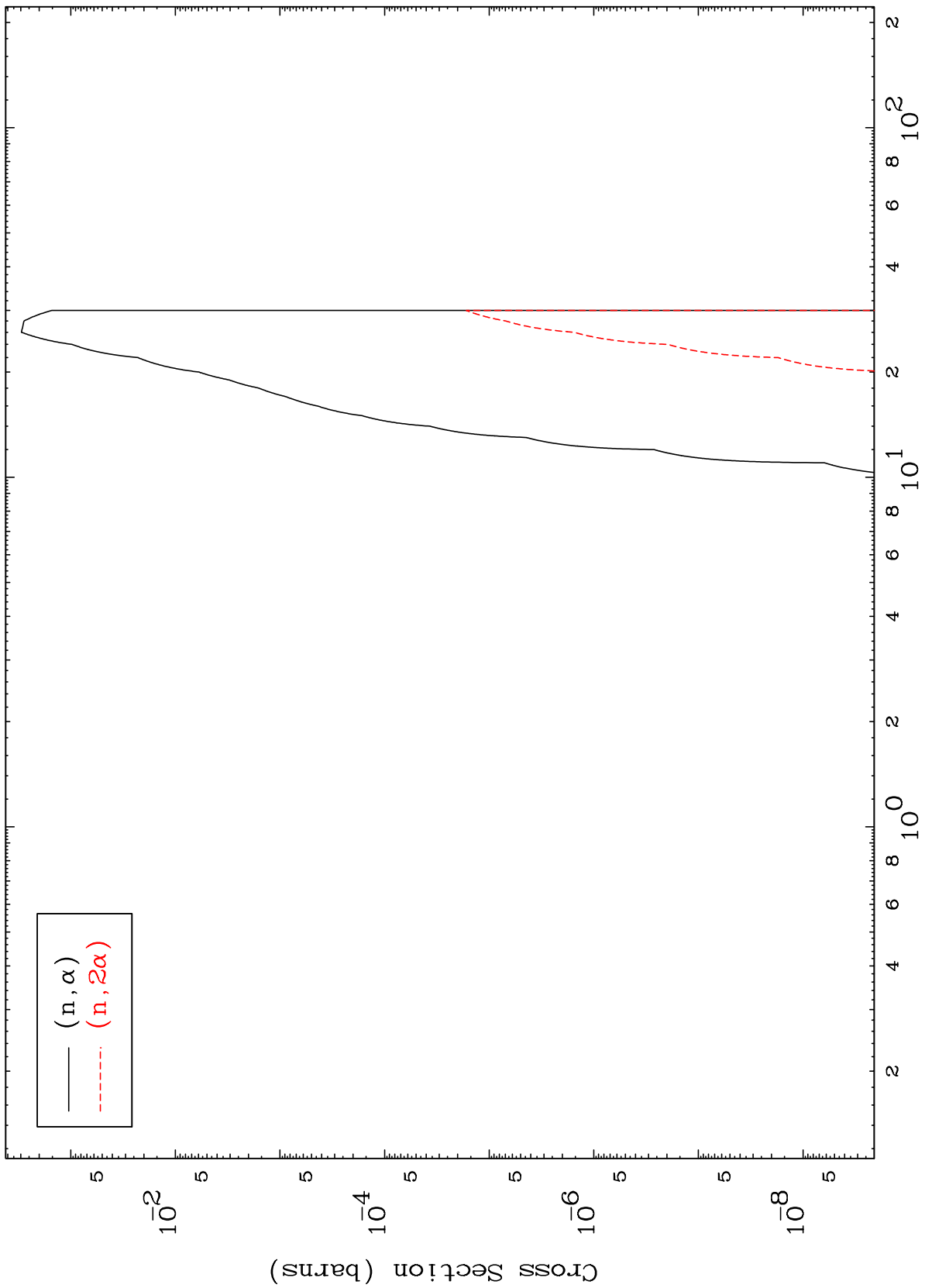
56-Ba-127m

MAT 5617

( $\alpha, \alpha$ ) Levels

56-Ba-127m

0 Kelvin Cross Sections



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

10

Incident Energy (MeV)

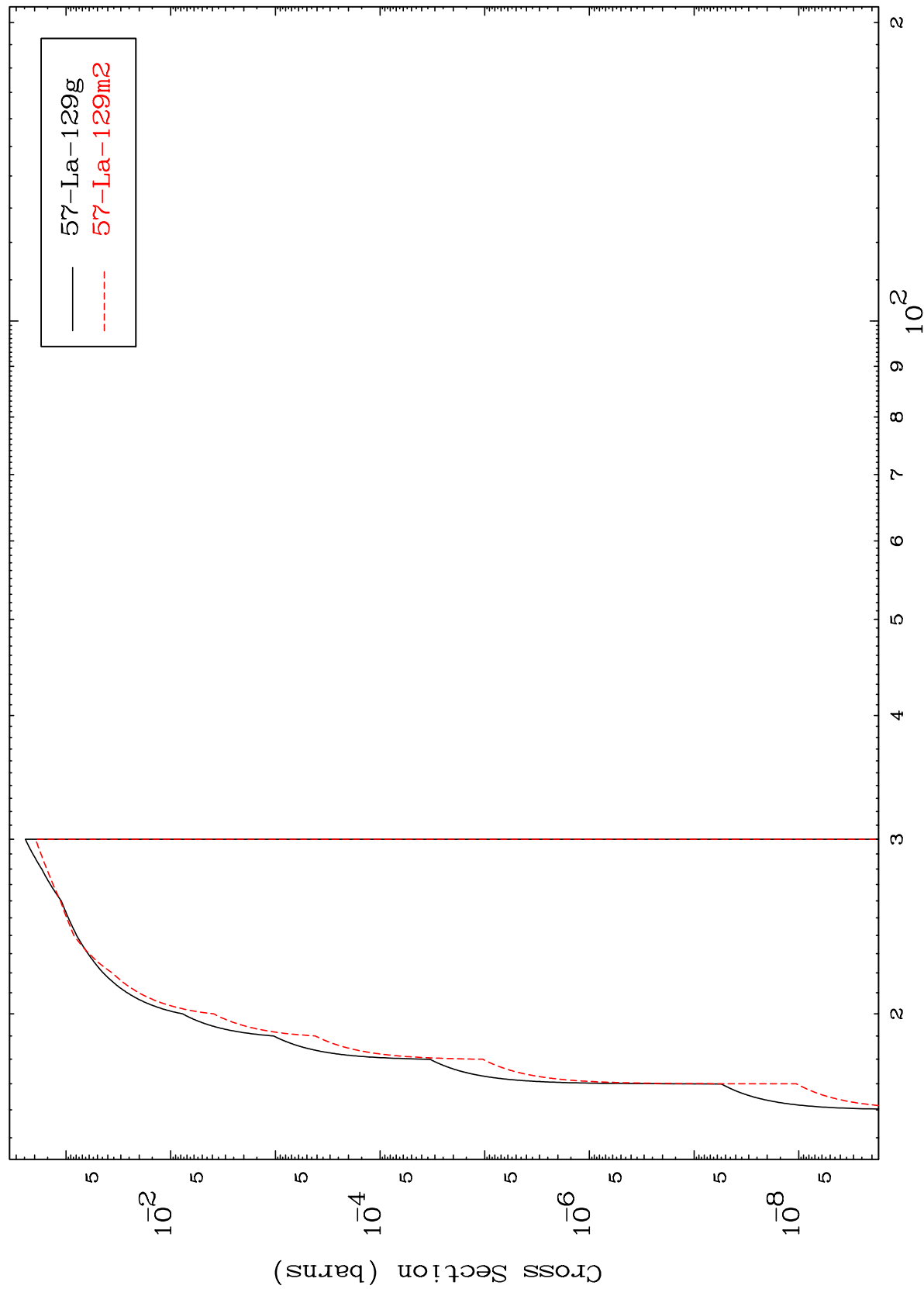
56-Ba-127m

MAT 5617

(n,n') p

56-Ba-127m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

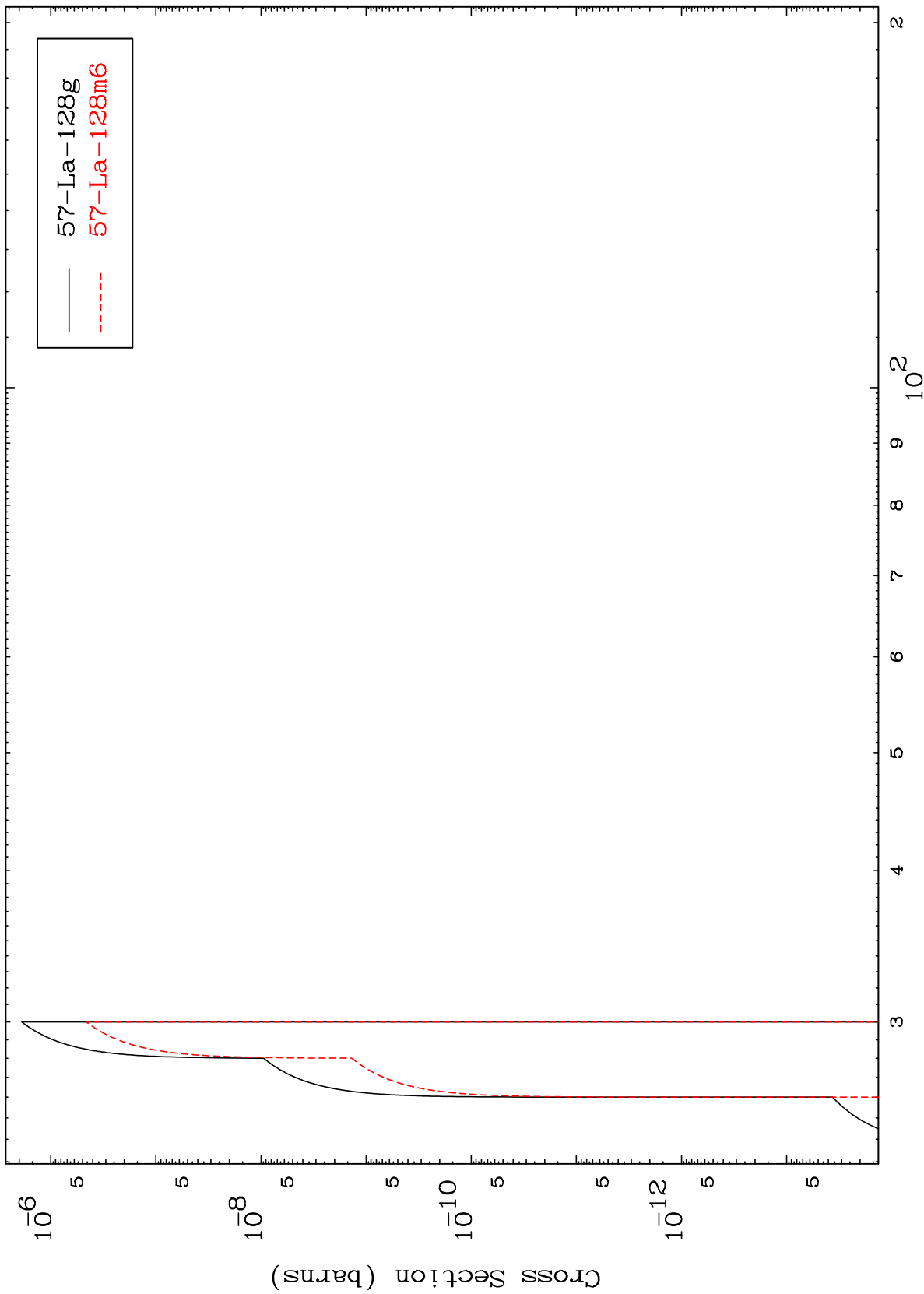
56-Ba-127m

MAT 5617

(n,n') d

56-Ba-127m

Radionuclide Production Cross Section



12

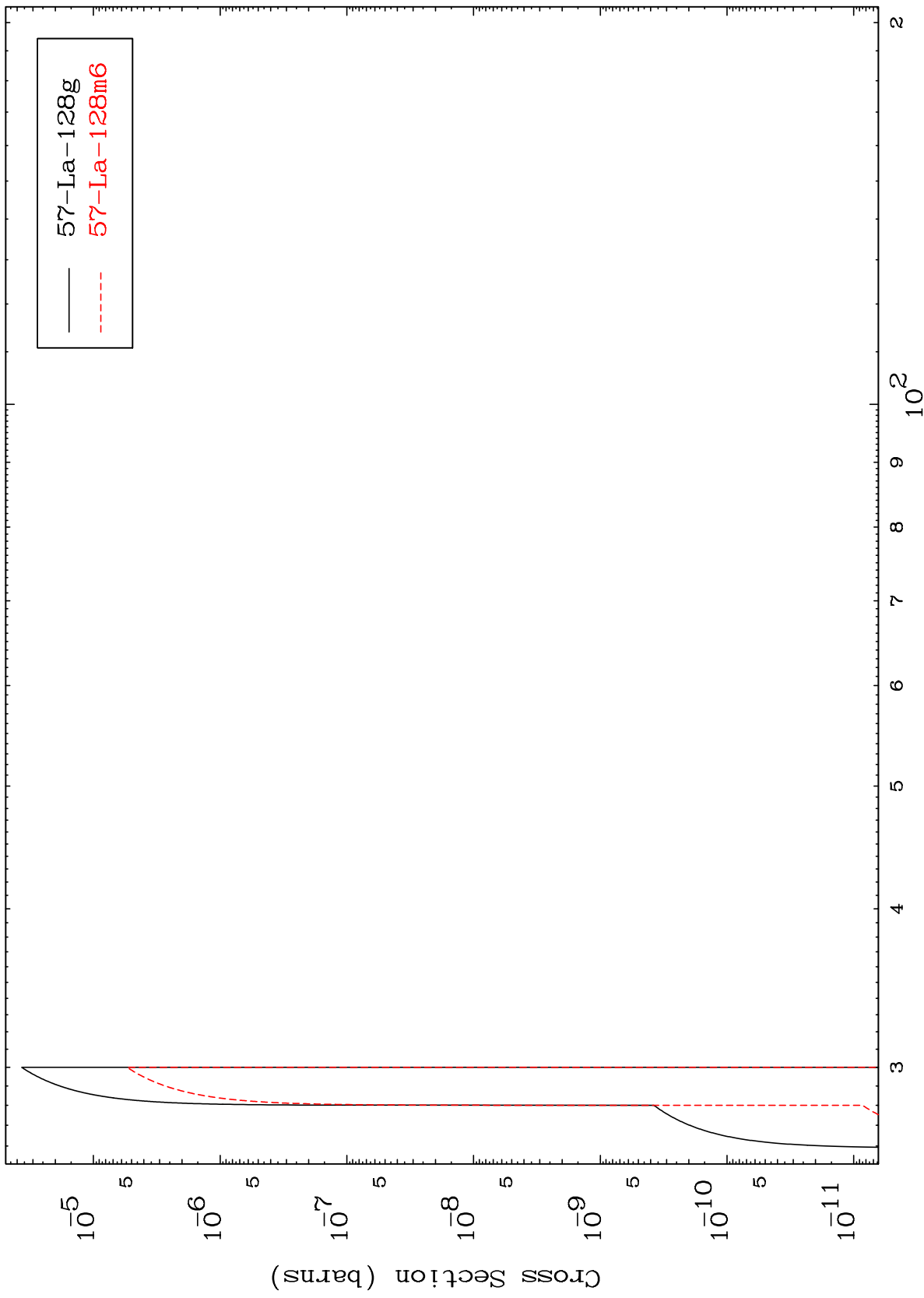
Incident Energy (MeV)

56-Ba-127m

MAT 5617

56-Ba-127m

(n,2n) p  
Radionuclide Production Cross Section



56-Ba-127m

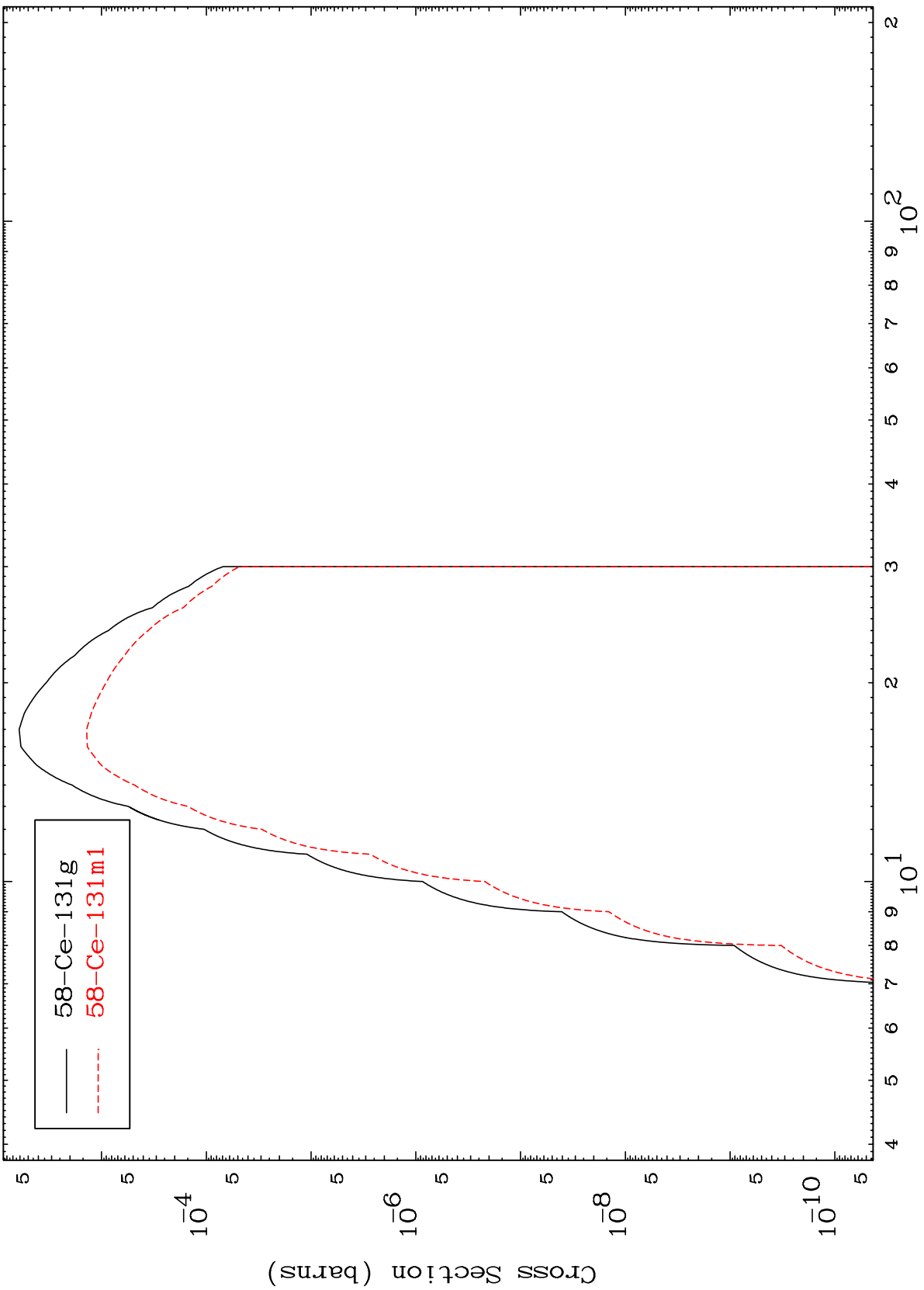
Incident Energy (MeV)

13

MAT 5617

56-Ba-127m

Radionuclide Production Cross Section



14

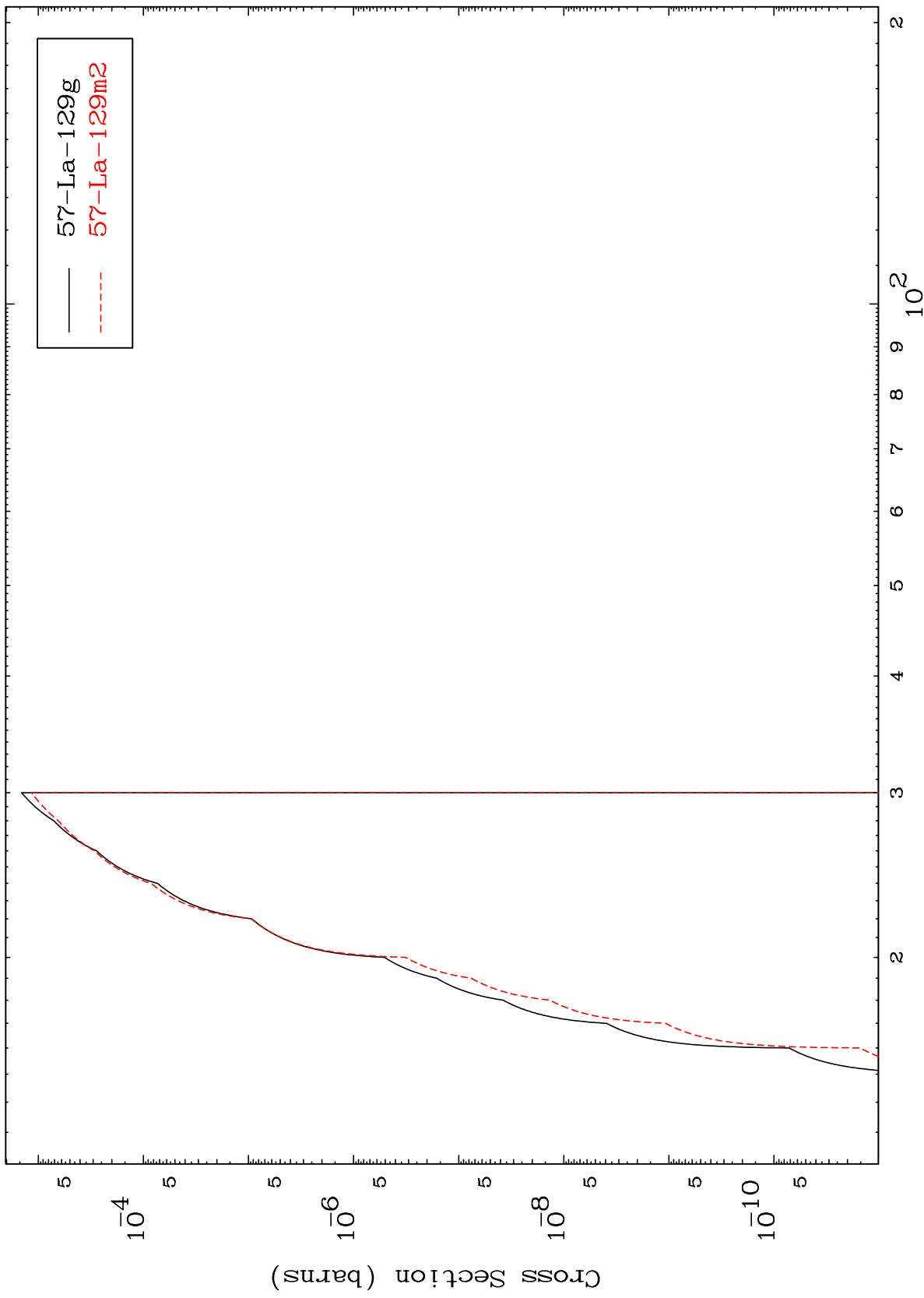
Incident Energy (MeV)

56-Ba-127m

MAT 5617

56-Ba-127m

(n,d)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

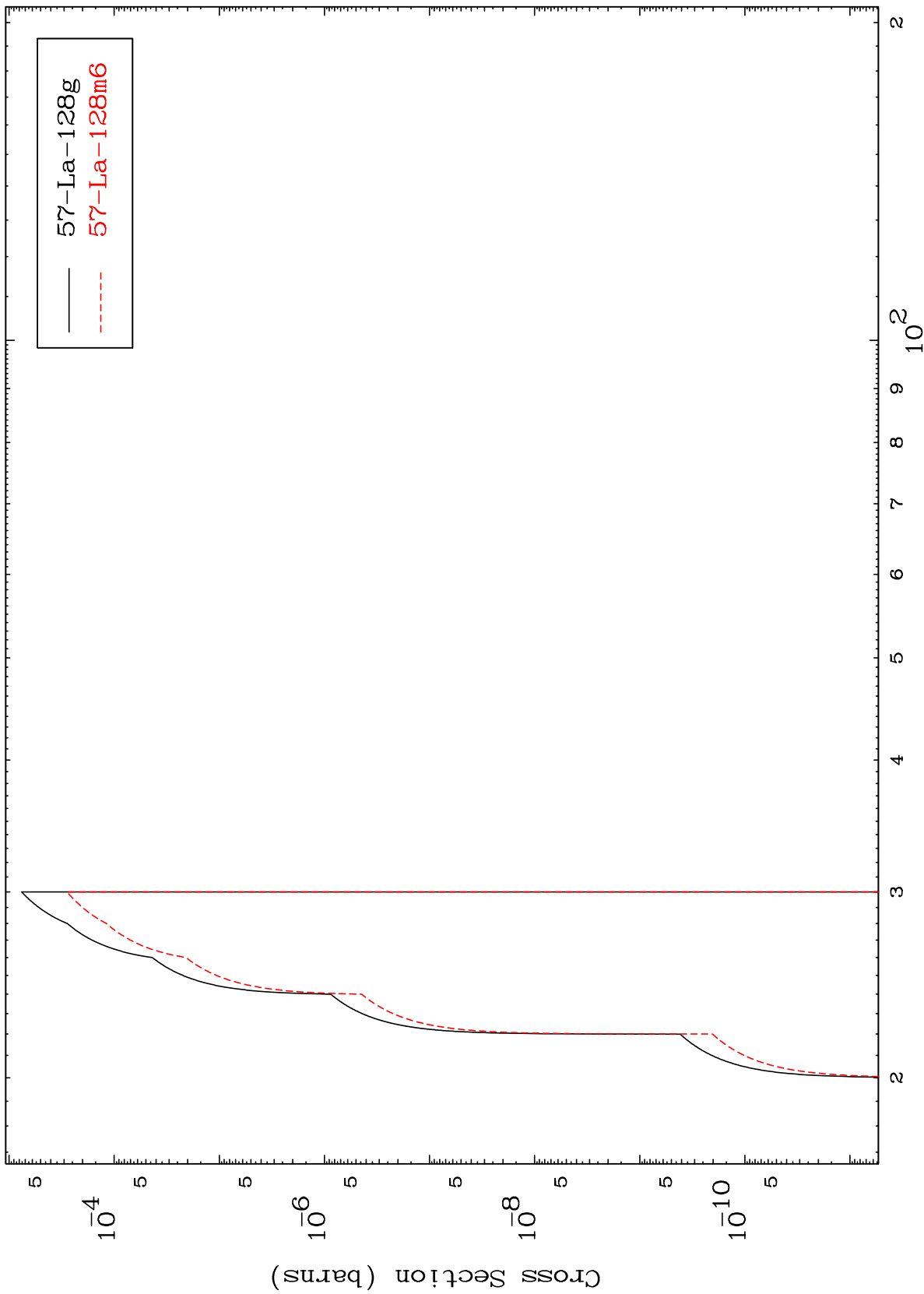
56-Ba-127m



MAT 5617

56-Ba-127m

(n, t)  
Radionuclide Production Cross Section



16

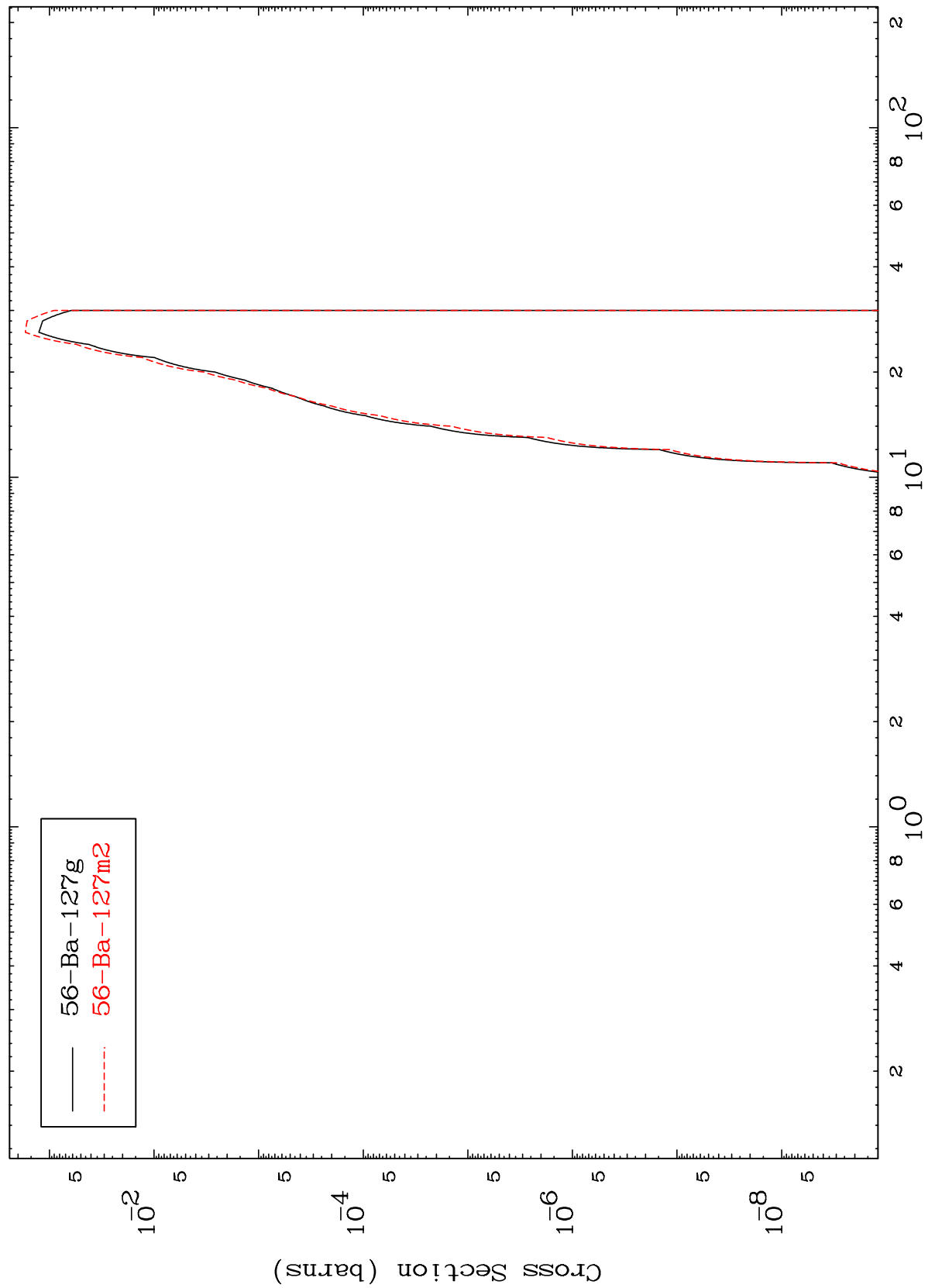
Incident Energy (MeV)

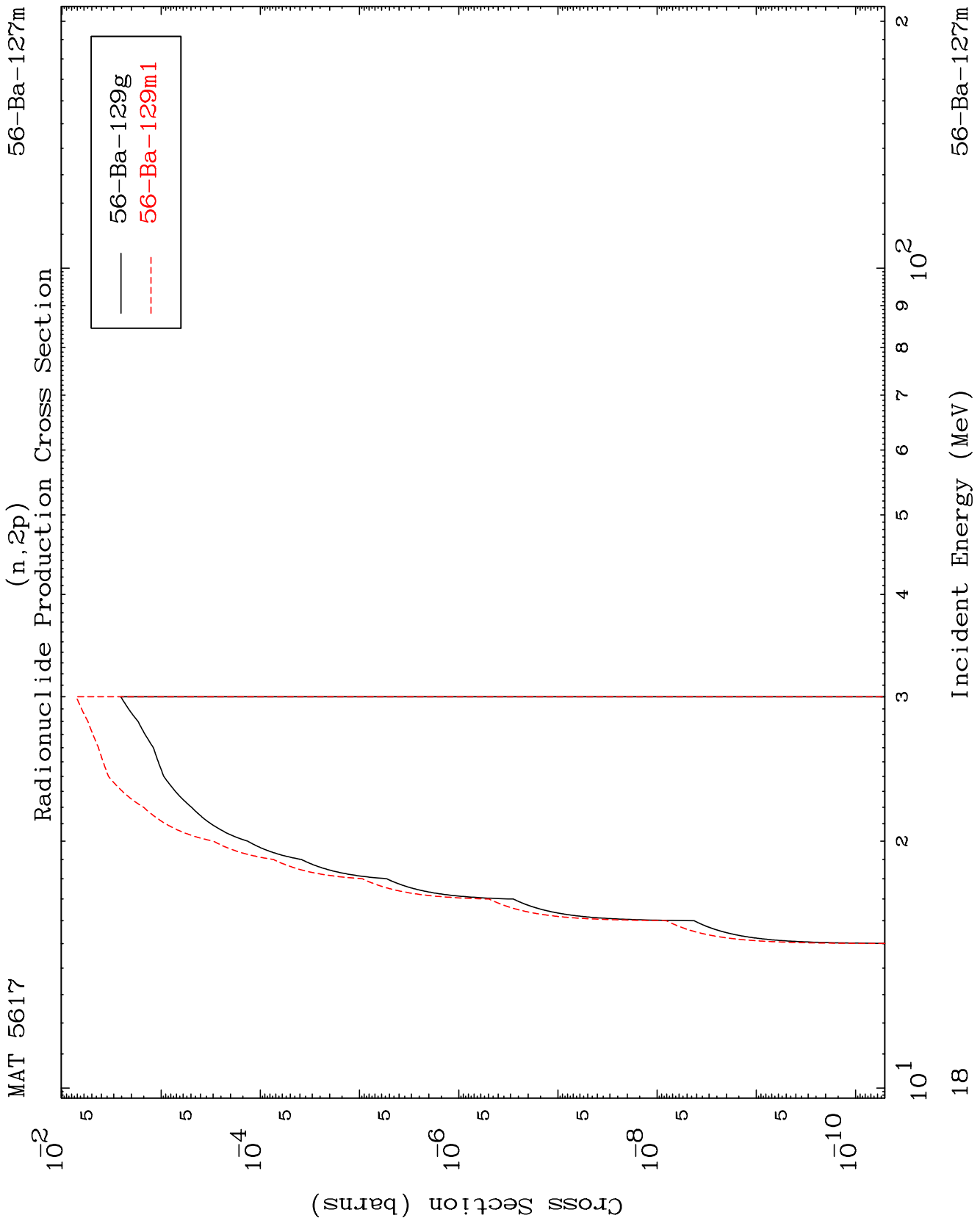
56-Ba-127m

MAT 5617

56-Ba-127m

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



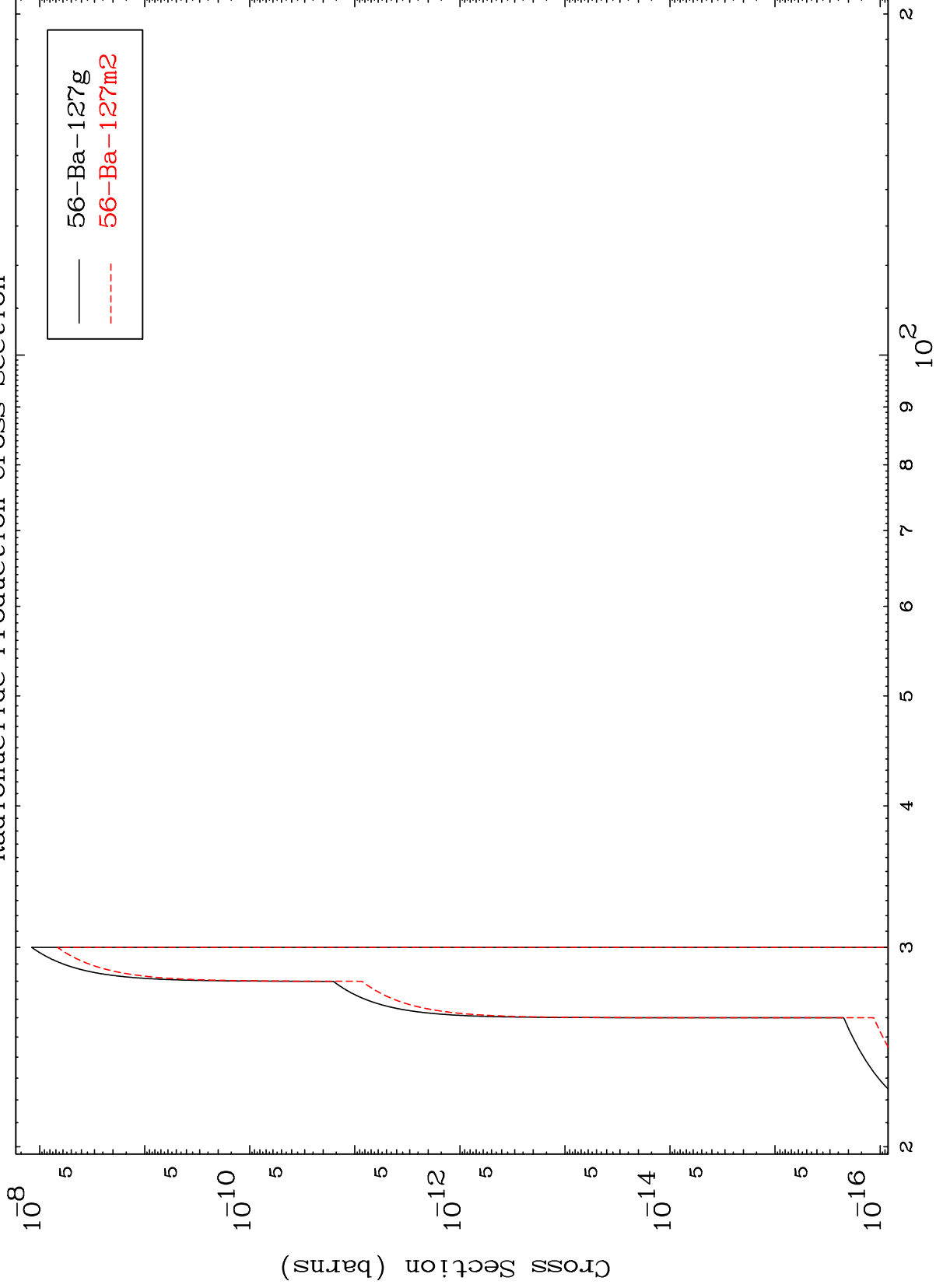


MAT 5617

(n,p) t

56-Ba-127m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

56-Ba-127m