

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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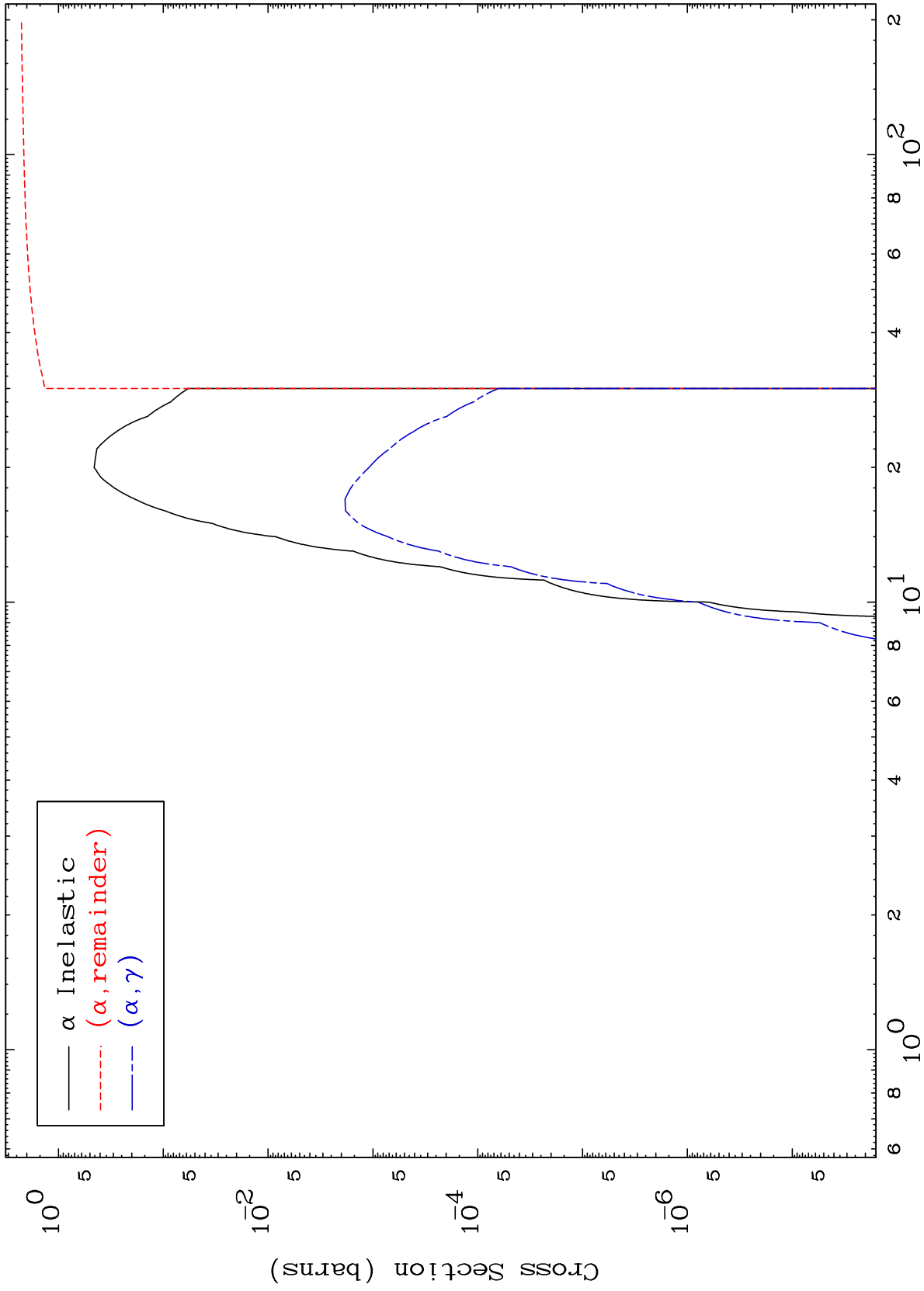
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5617

0 Kelvin  $\alpha$  Major  
Cross Sections

56-Ba-127



1

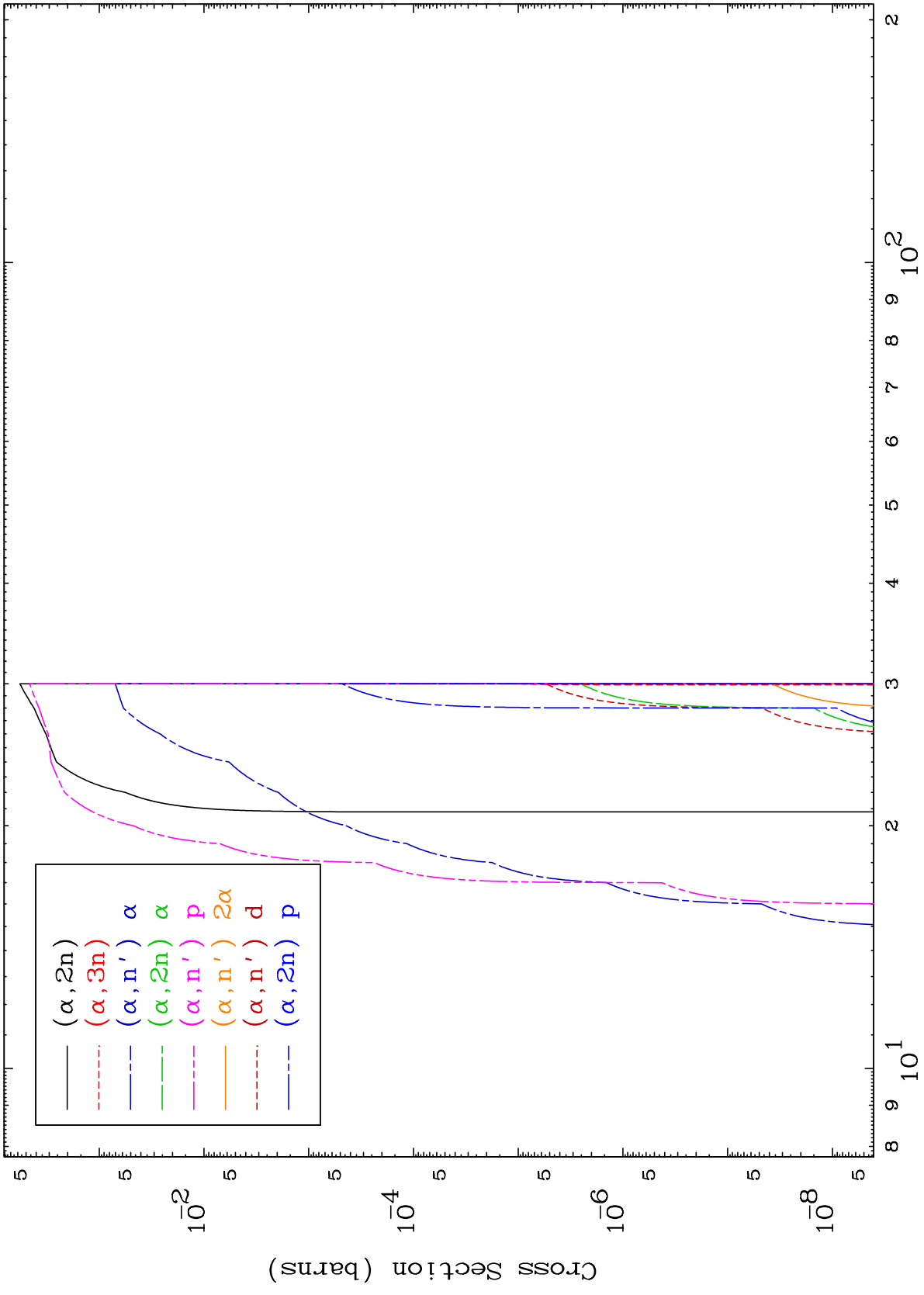
Incident Energy (MeV)

56-Ba-127

MAT 5617

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

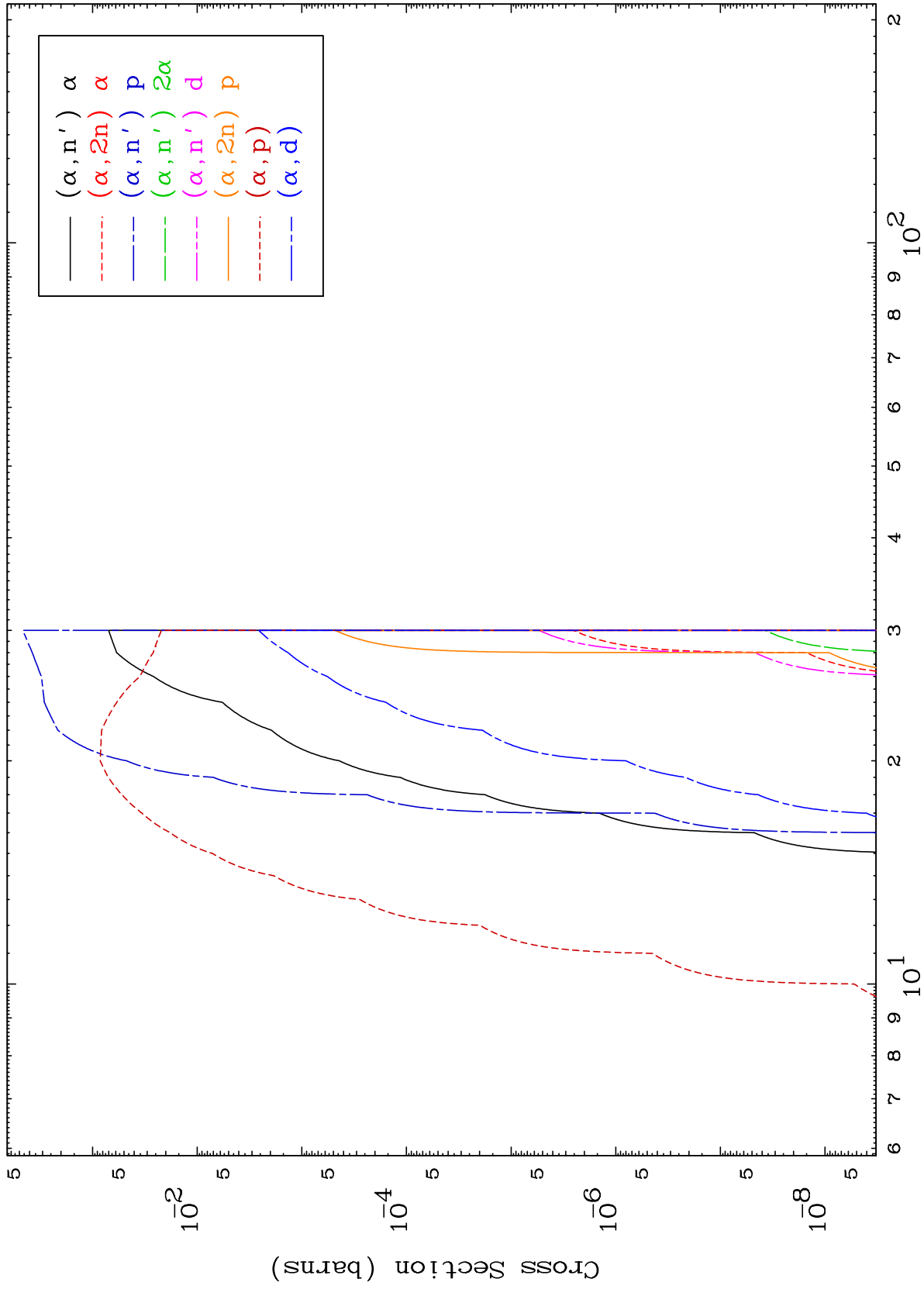
56-Ba-127



2

Incident Energy (MeV)

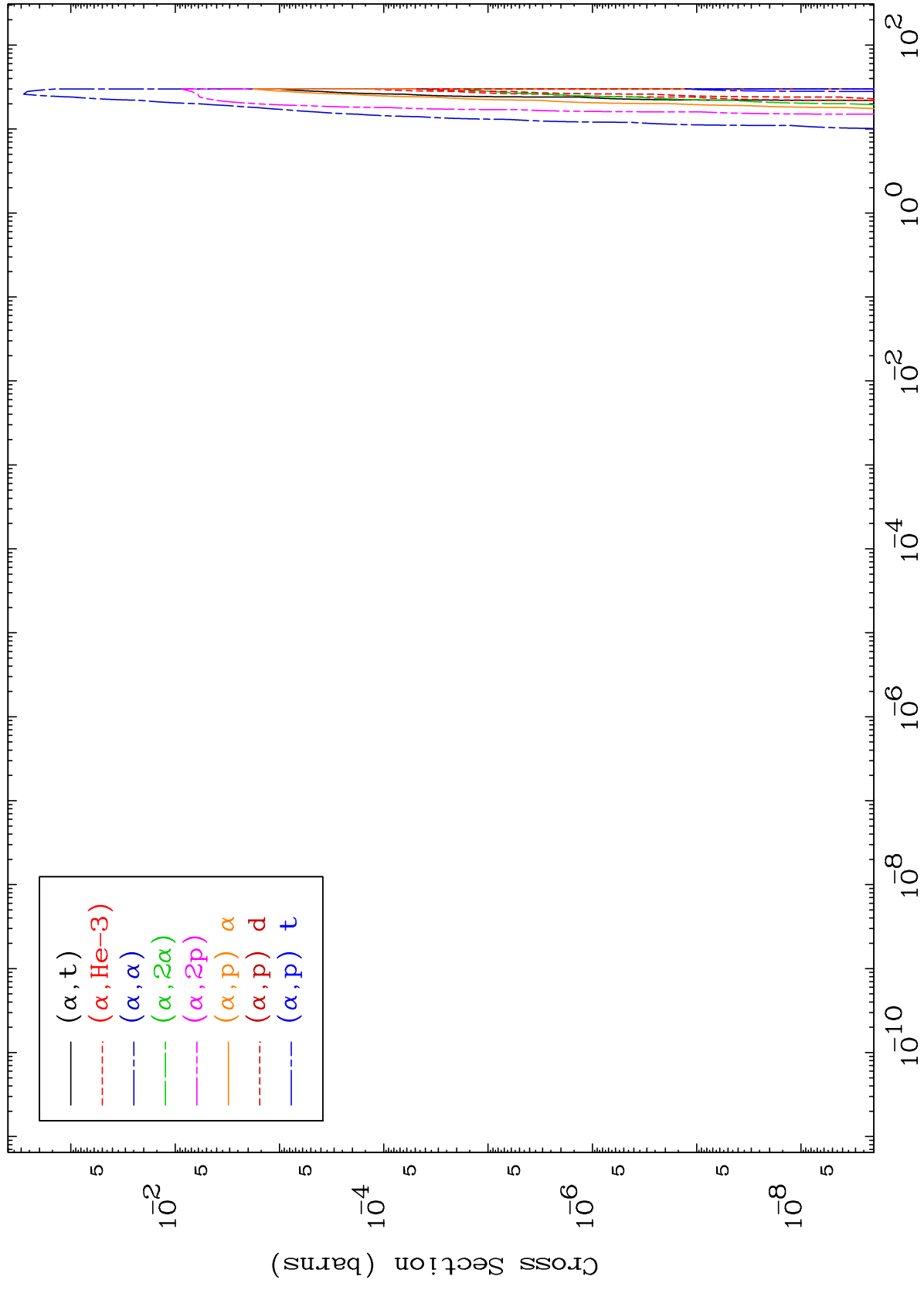
56-Ba-127



MAT 5617

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

56-Ba-127

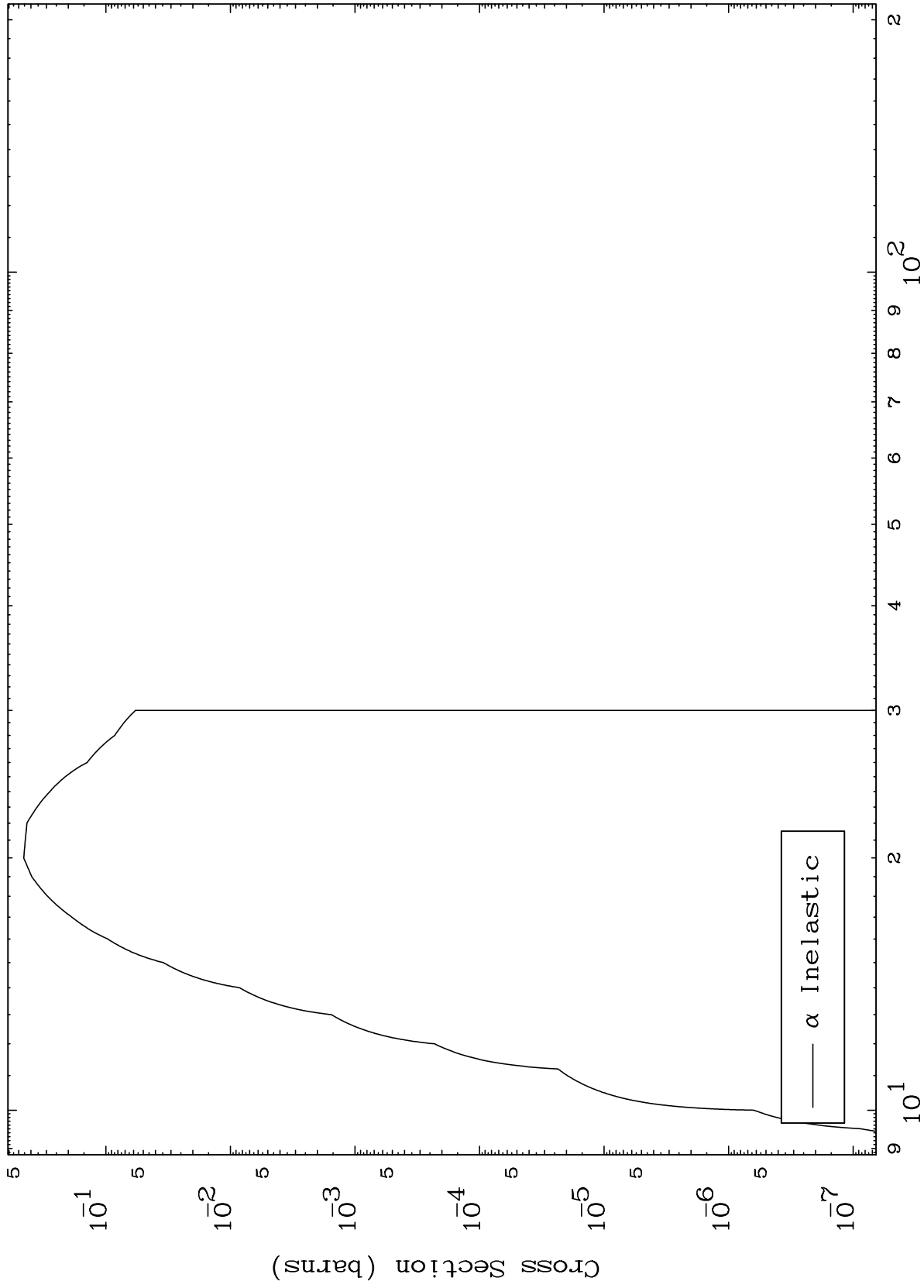


56-Ba-127

MAT 5617

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

56-Ba-127



5

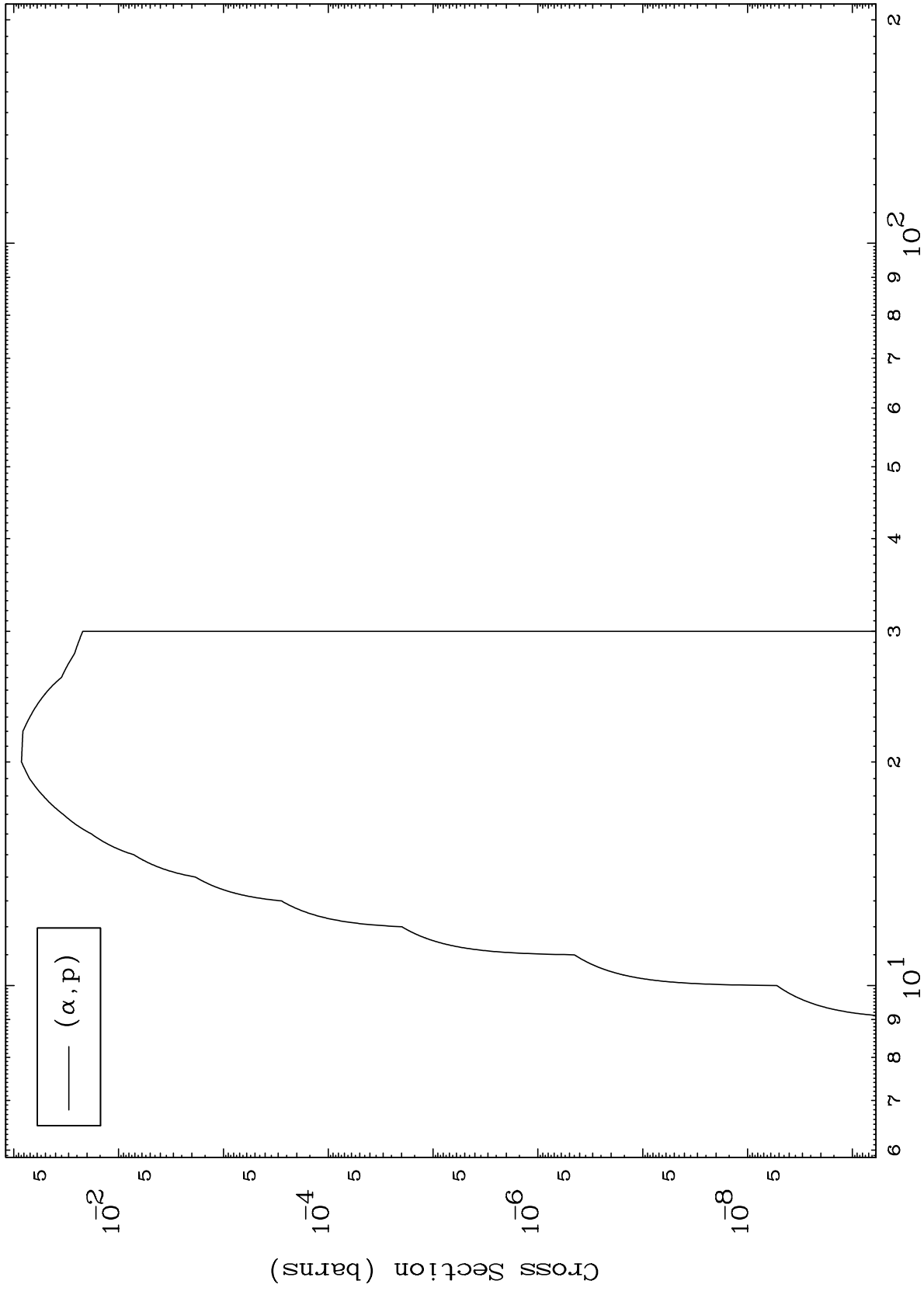
Incident Energy (MeV)

56-Ba-127

MAT 5617

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

56-Ba-127



6

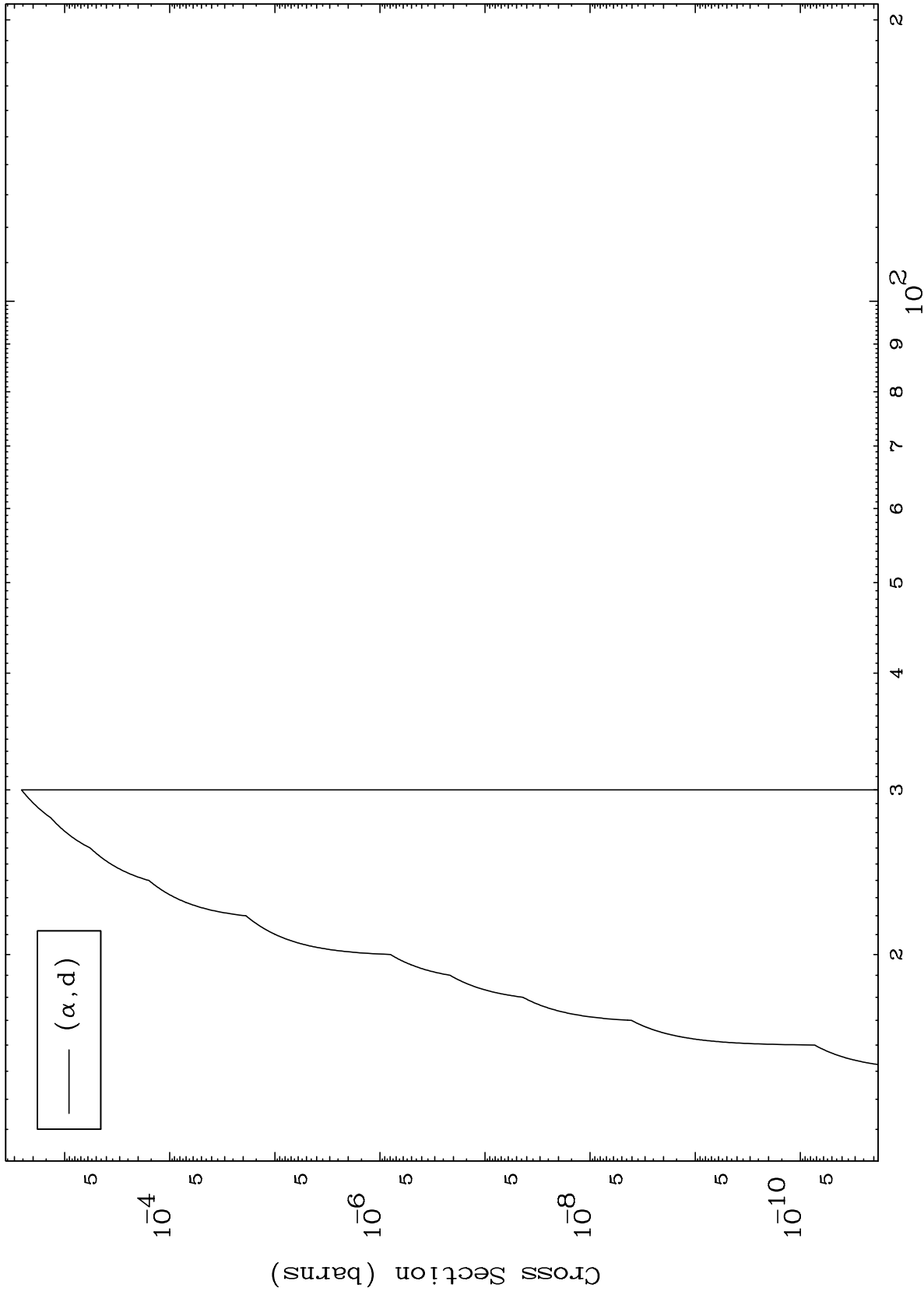
Incident Energy (MeV)

56-Ba-127

MAT 5617

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

56-Ba-127



7

Incident Energy (MeV)

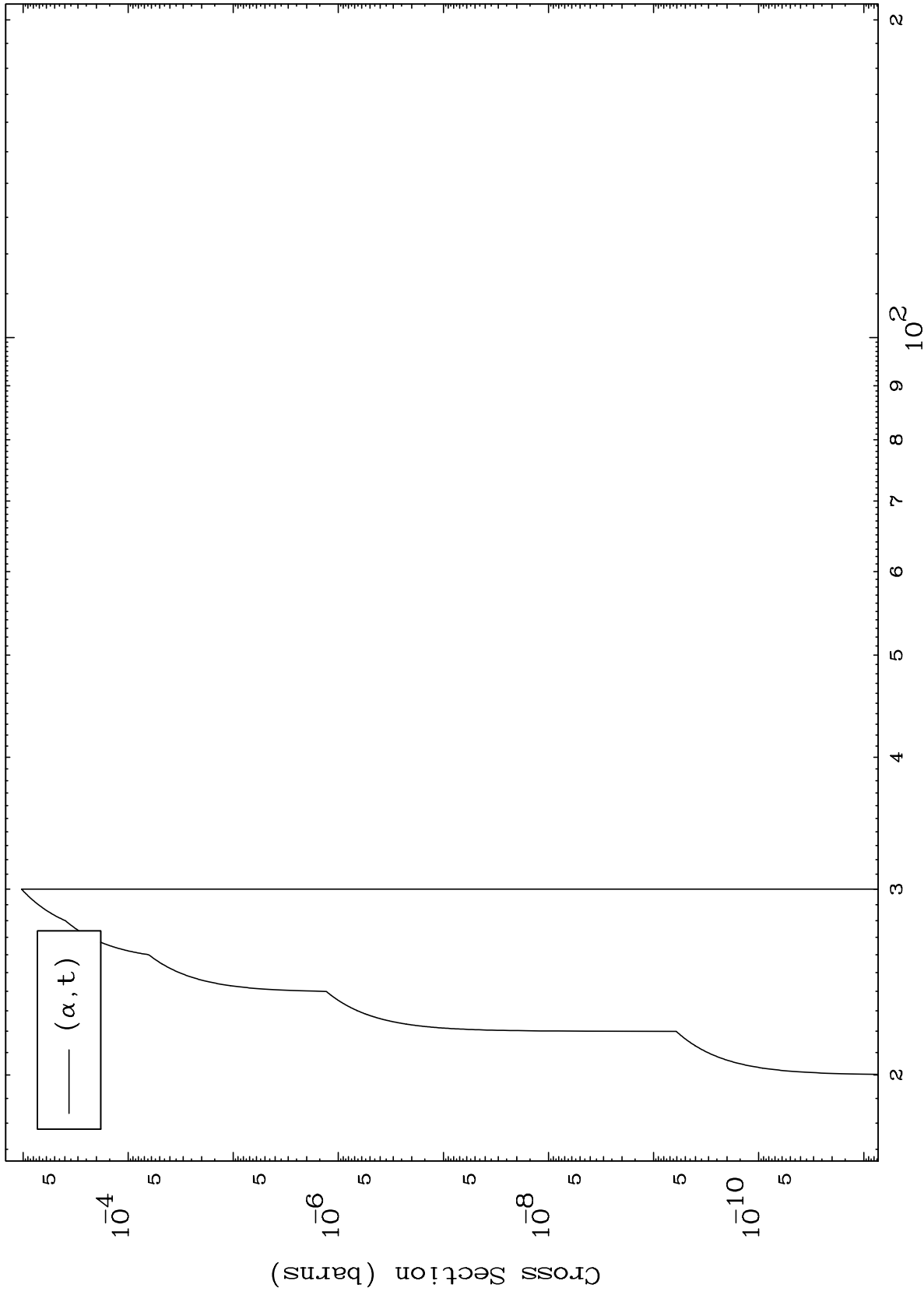
56-Ba-127



MAT 5617

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

56-Ba-127



8

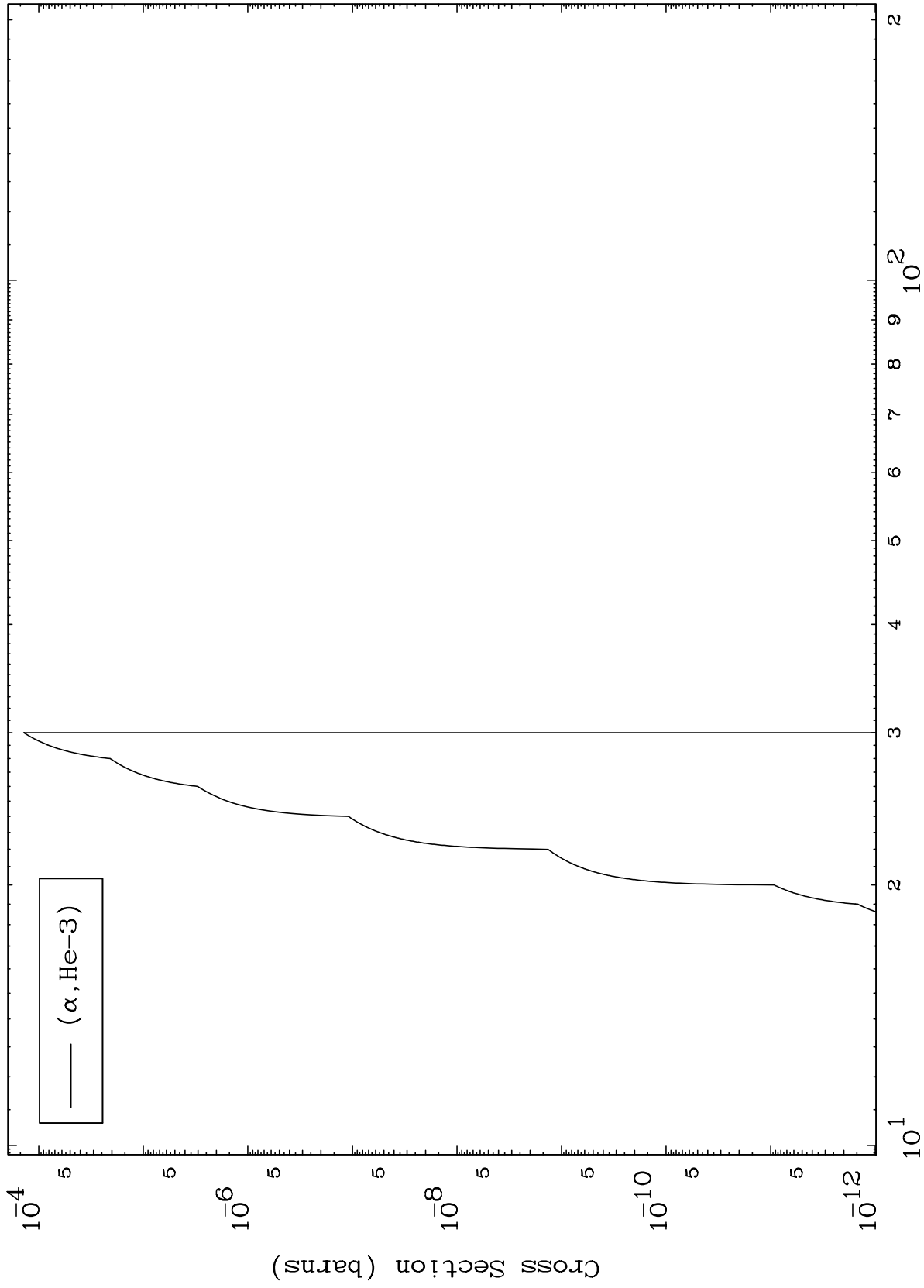
Incident Energy (MeV)

56-Ba-127

MAT 5617

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

56-Ba-127



9

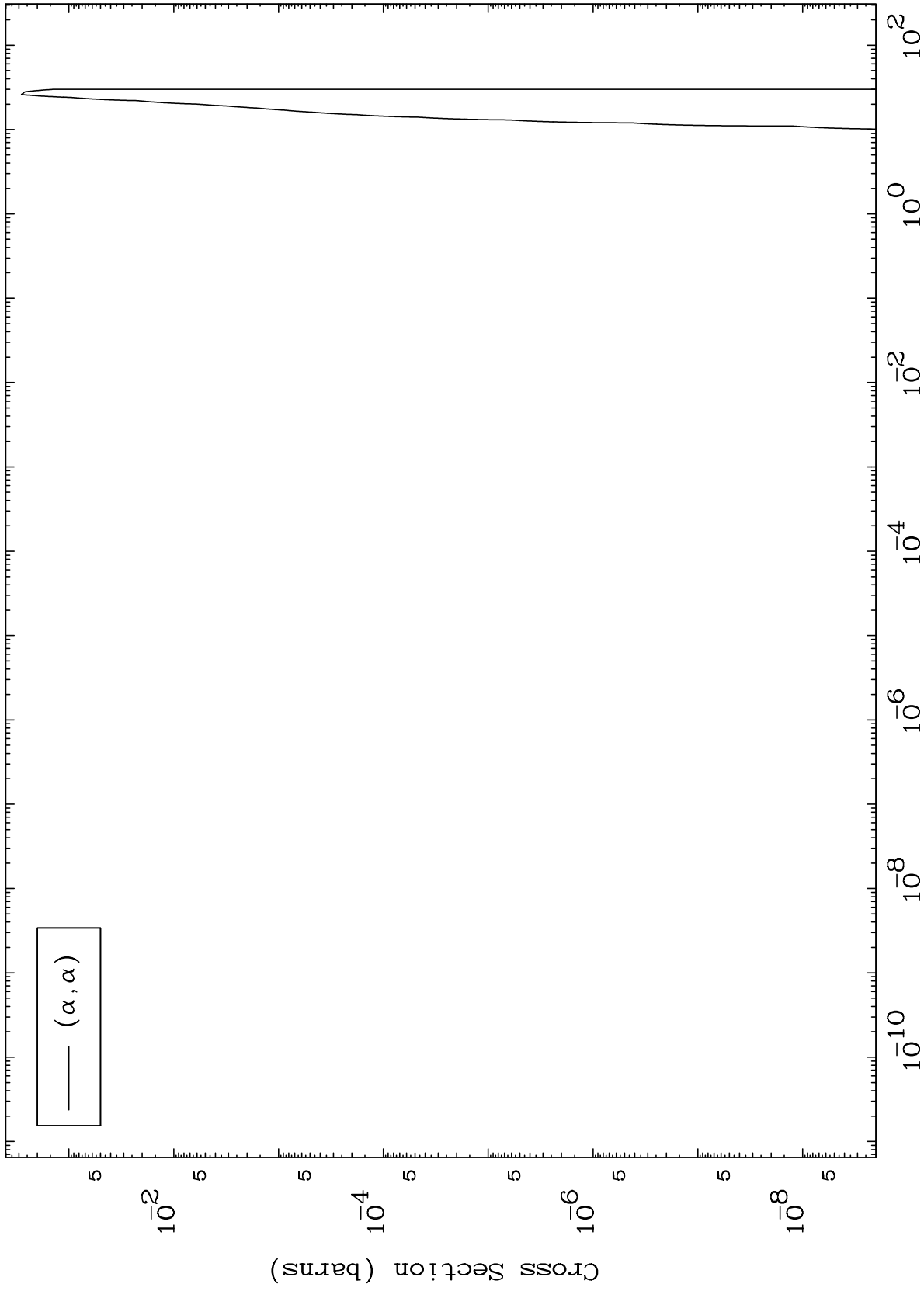
Incident Energy (MeV)

56-Ba-127

MAT 5617

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

56-Ba-127



10

Incident Energy (MeV)

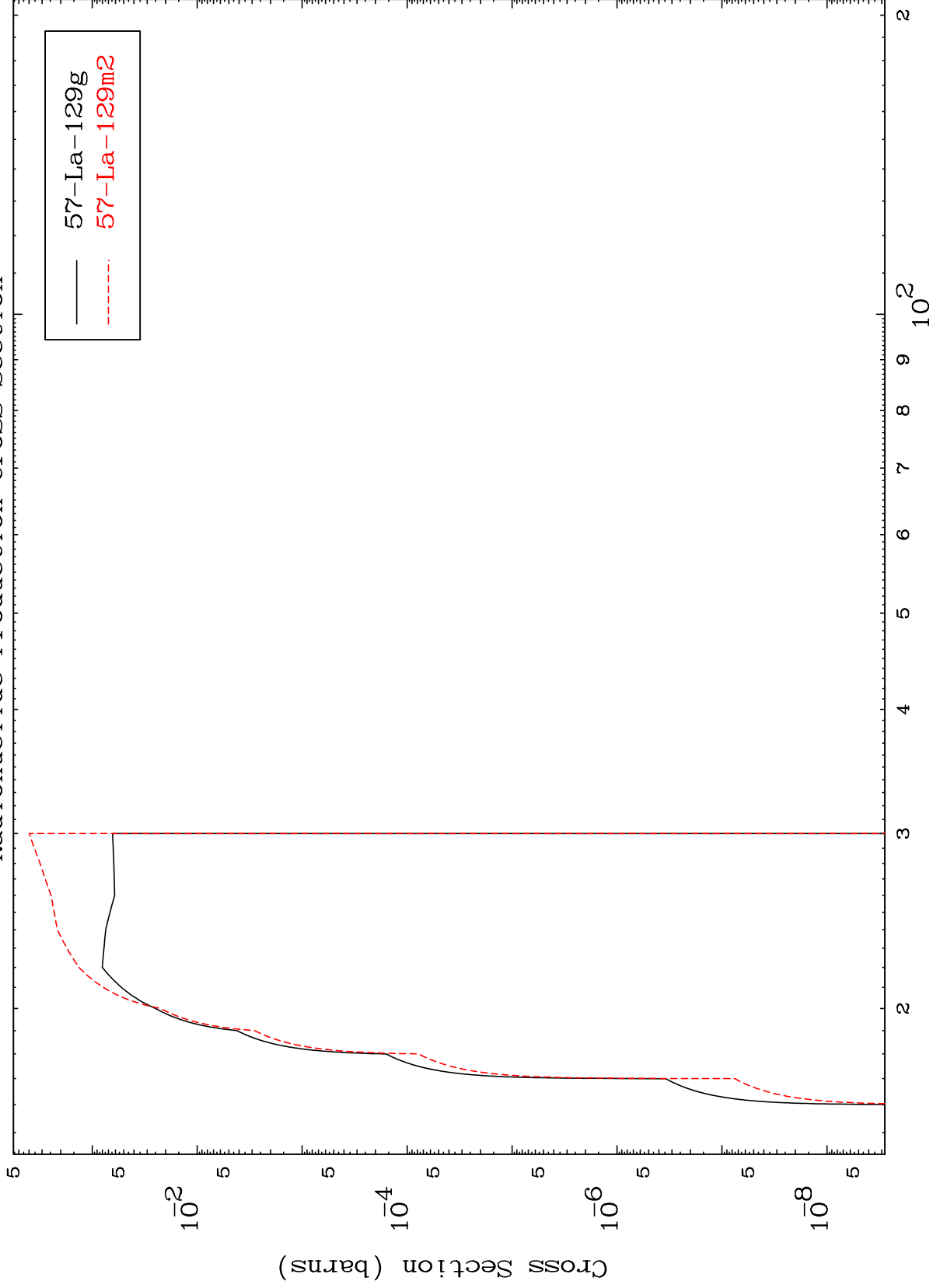
56-Ba-127

MAT 5617

( $\alpha, n'$ ) p

56-Ba-127

Radionuclide Production Cross Section



11

Incident Energy (MeV)

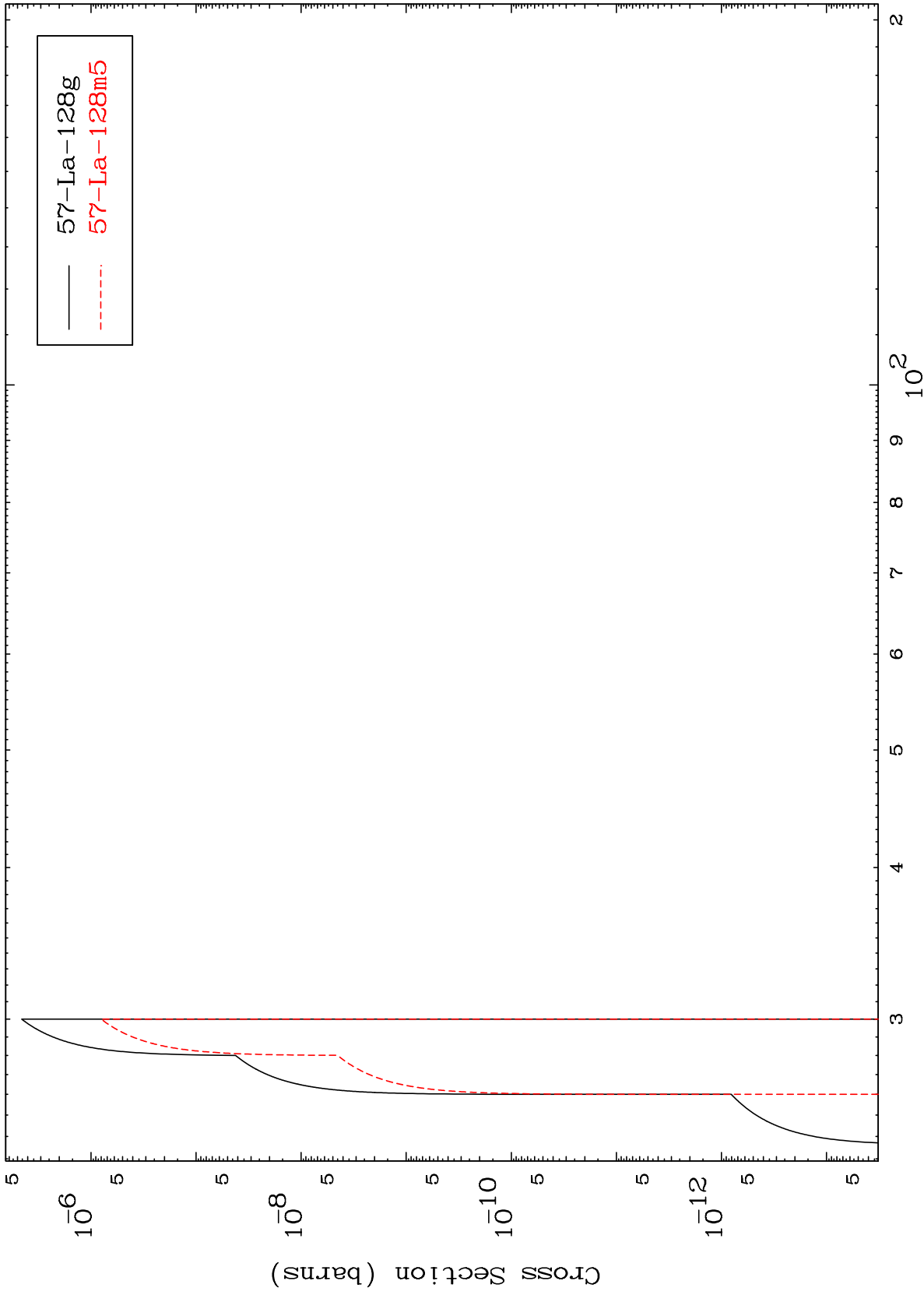
56-Ba-127

MAT 5617

( $\alpha, n'$ ) d

56-Ba-127

Radionuclide Production Cross Section



12

Incident Energy (MeV)

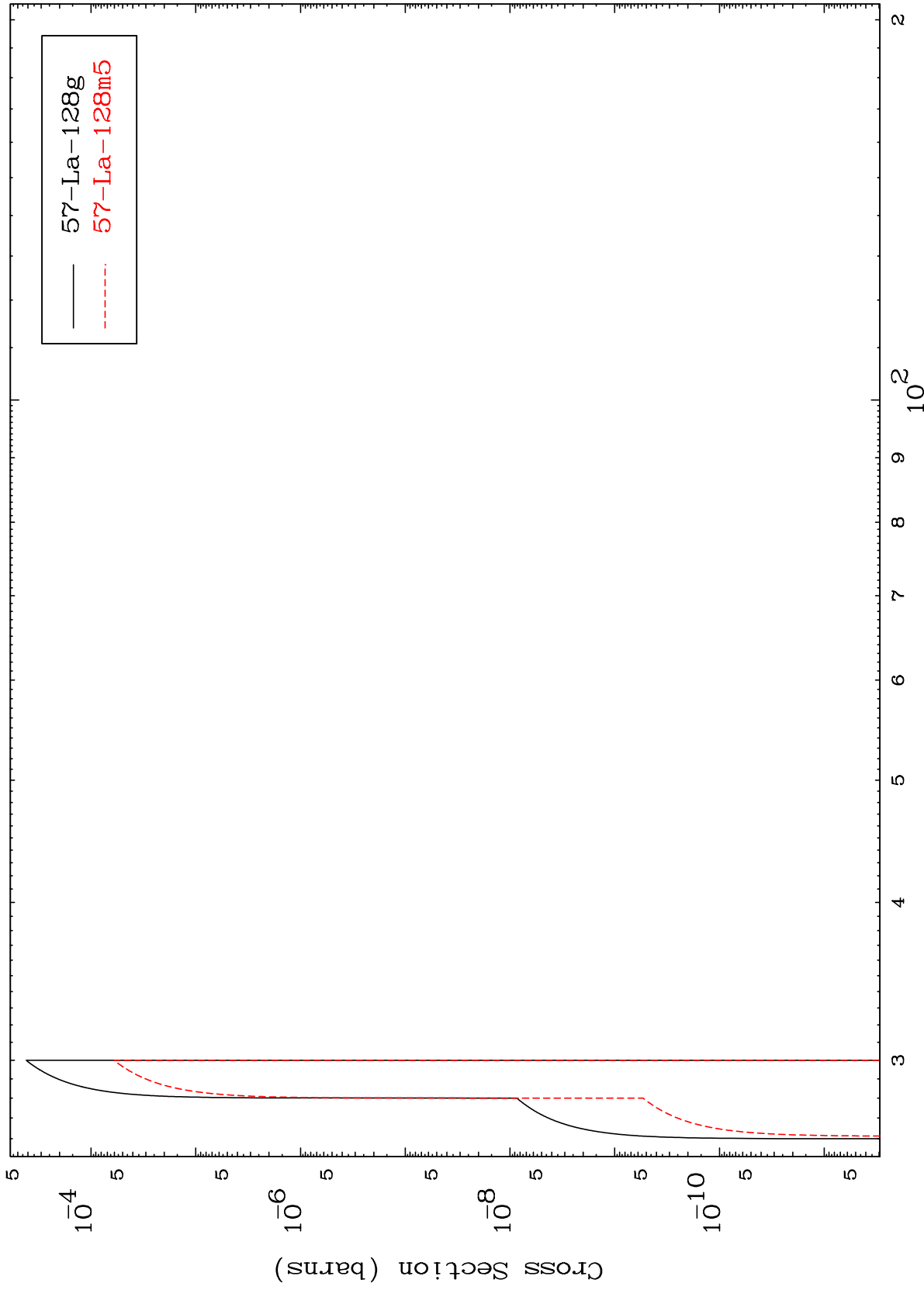
56-Ba-127

MAT 5617

( $\alpha, 2n$ ) p

56-Ba-127

Radionuclide Production Cross Section



13

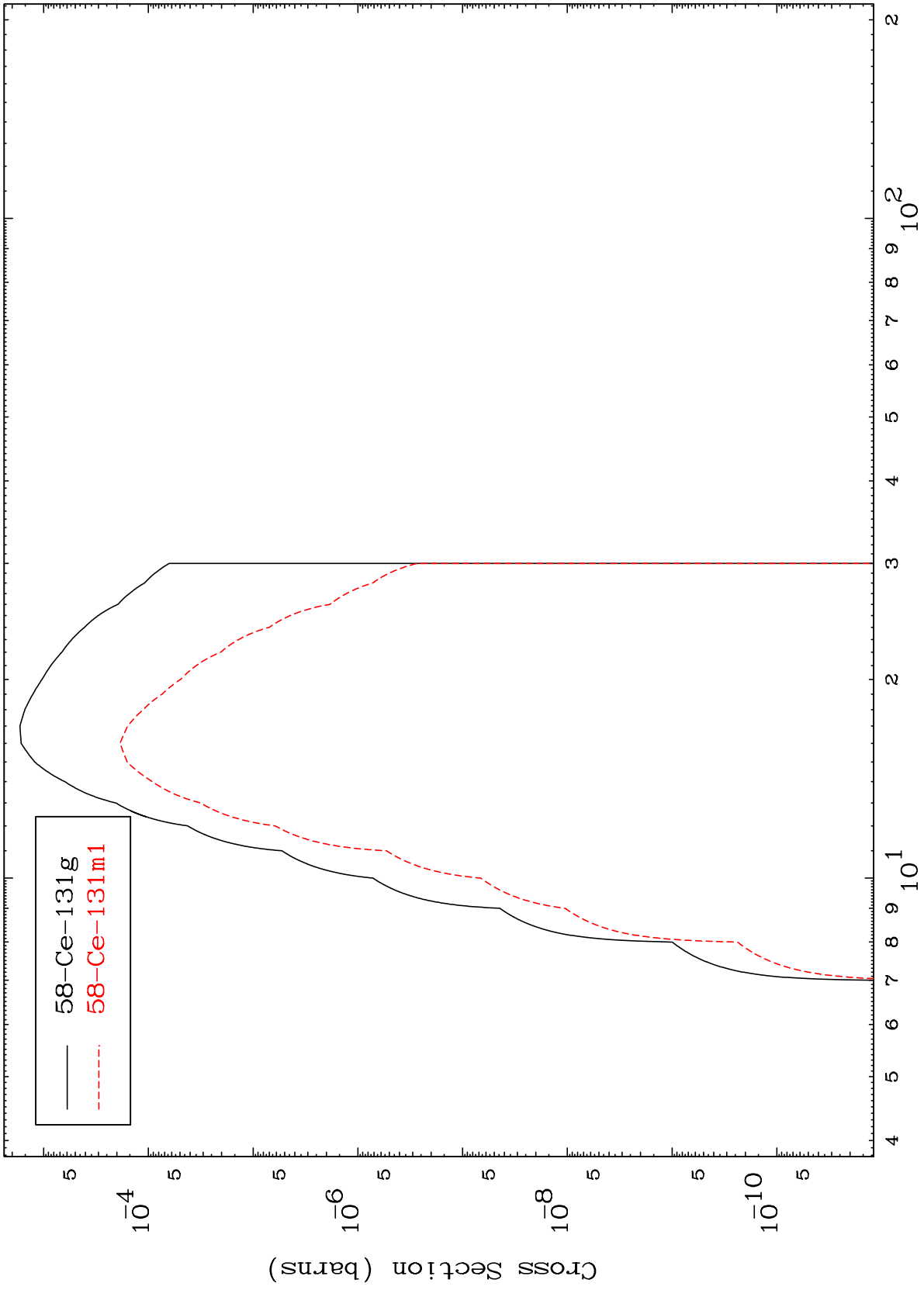
Incident Energy (MeV)

56-Ba-127

MAT 5617

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

56-Ba-127



14

Incident Energy (MeV)

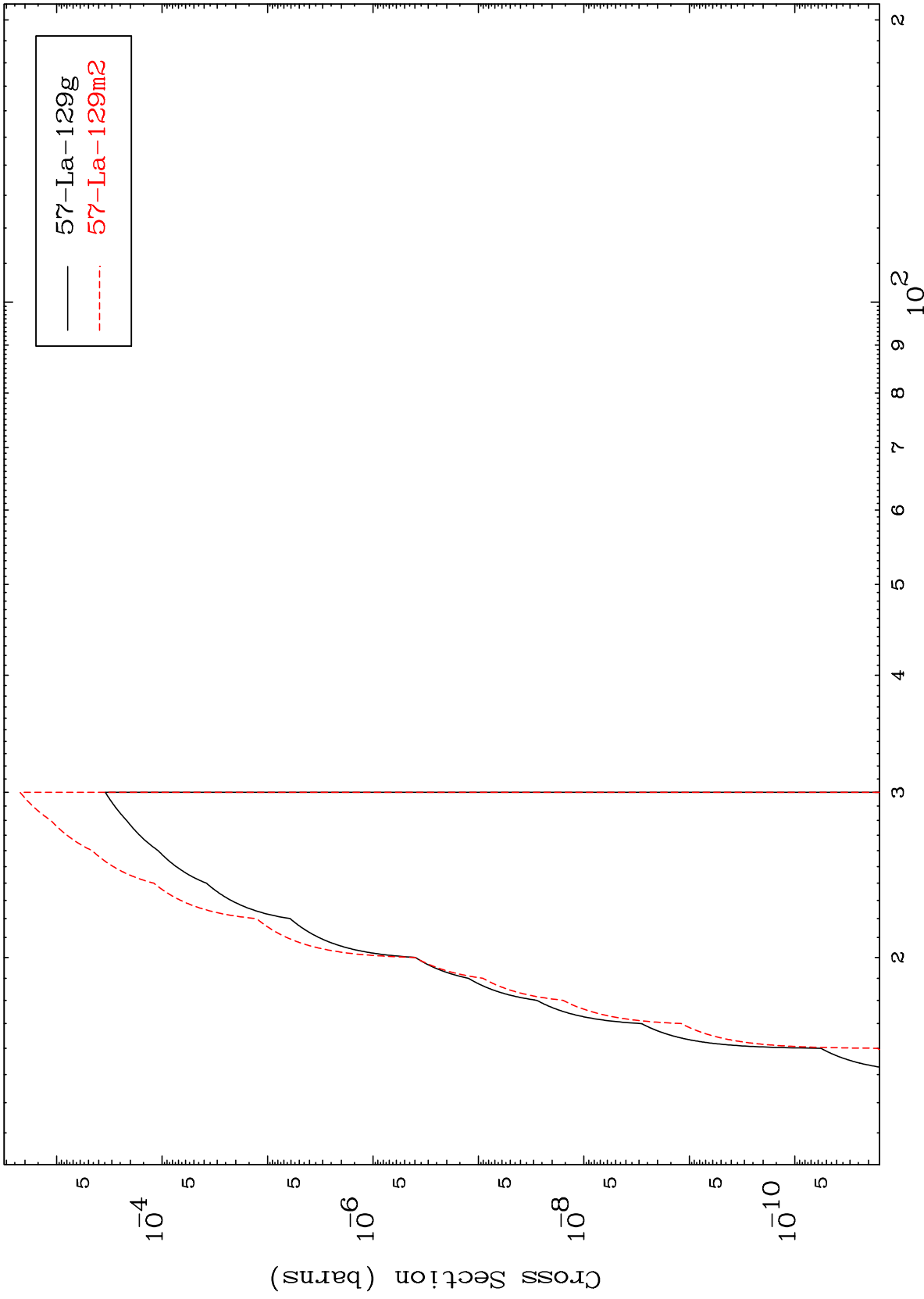
56-Ba-127

MAT 5617

( $\alpha, d$ )

56-Ba-127

Radionuclide Production Cross Section



15

Incident Energy (MeV)

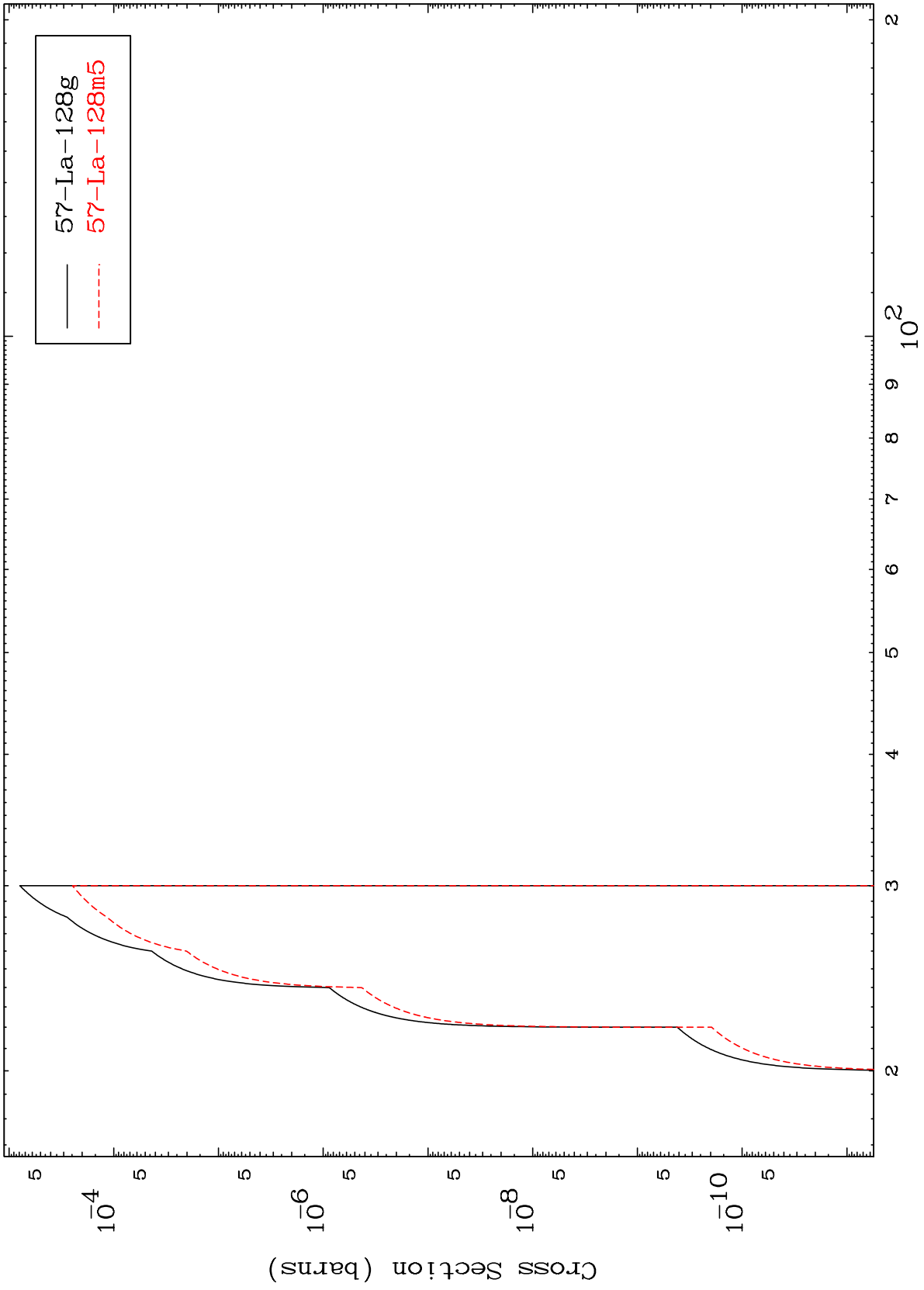
56-Ba-127



MAT 5617

56-Ba-127

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



16

Incident Energy (MeV)

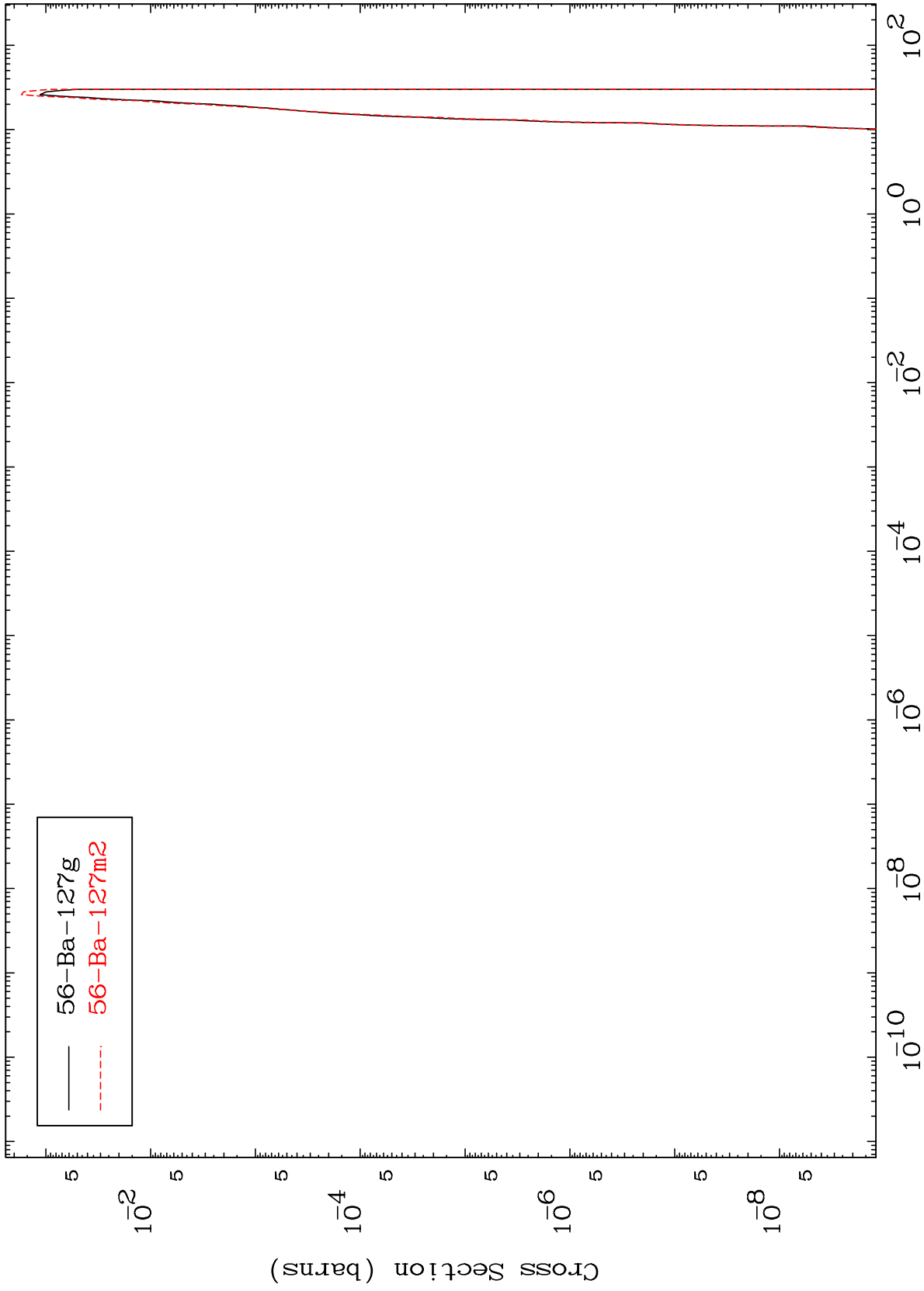
56-Ba-127

MAT 5617

( $\alpha, \alpha$ )

56-Ba-127

Radionuclide Production Cross Section



17

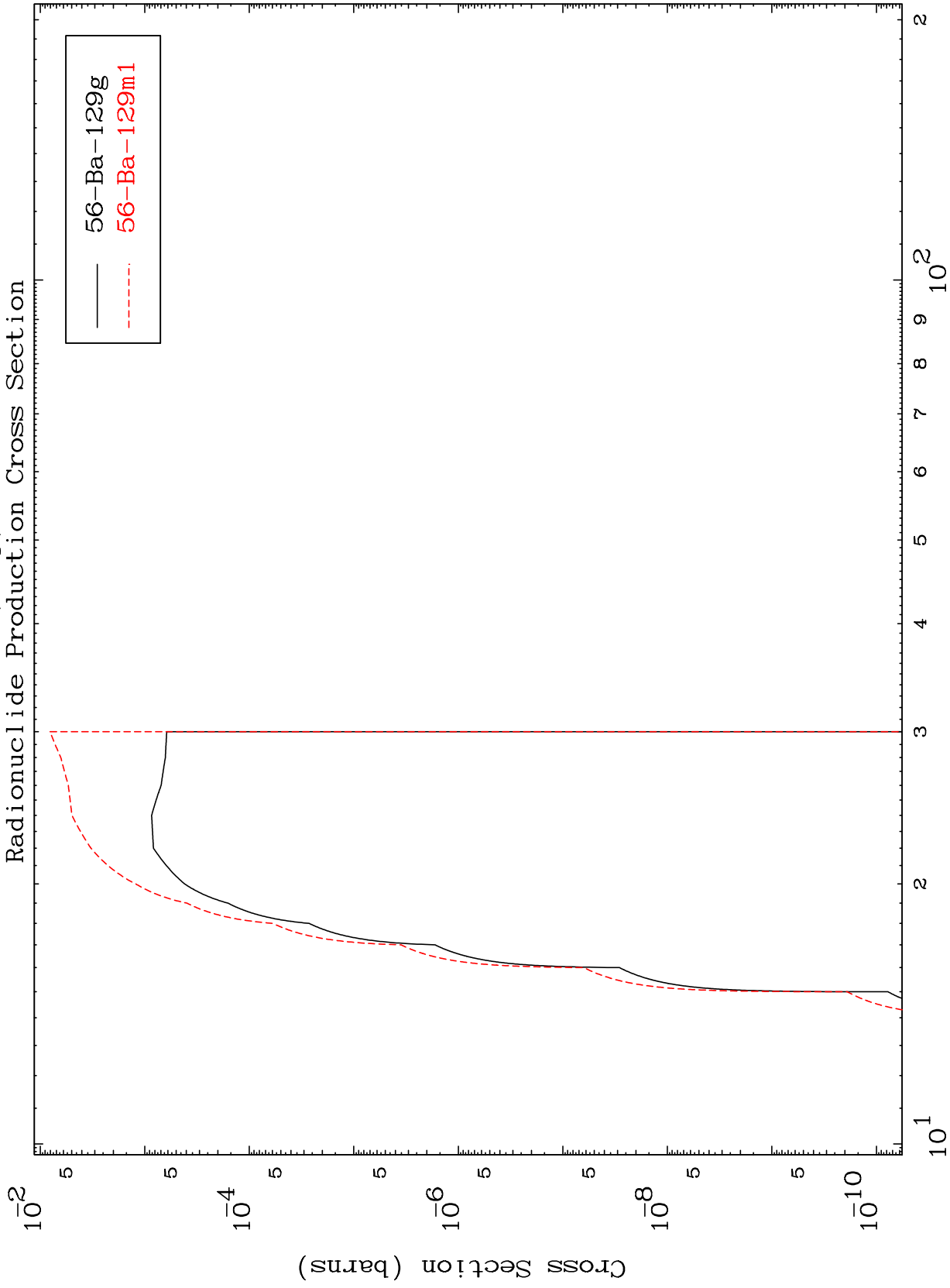
Incident Energy (MeV)

56-Ba-127

MAT 5617

56-Ba-127

Radionuclide Production Cross Section  
( $\alpha, 2p$ )



Incident Energy (MeV)

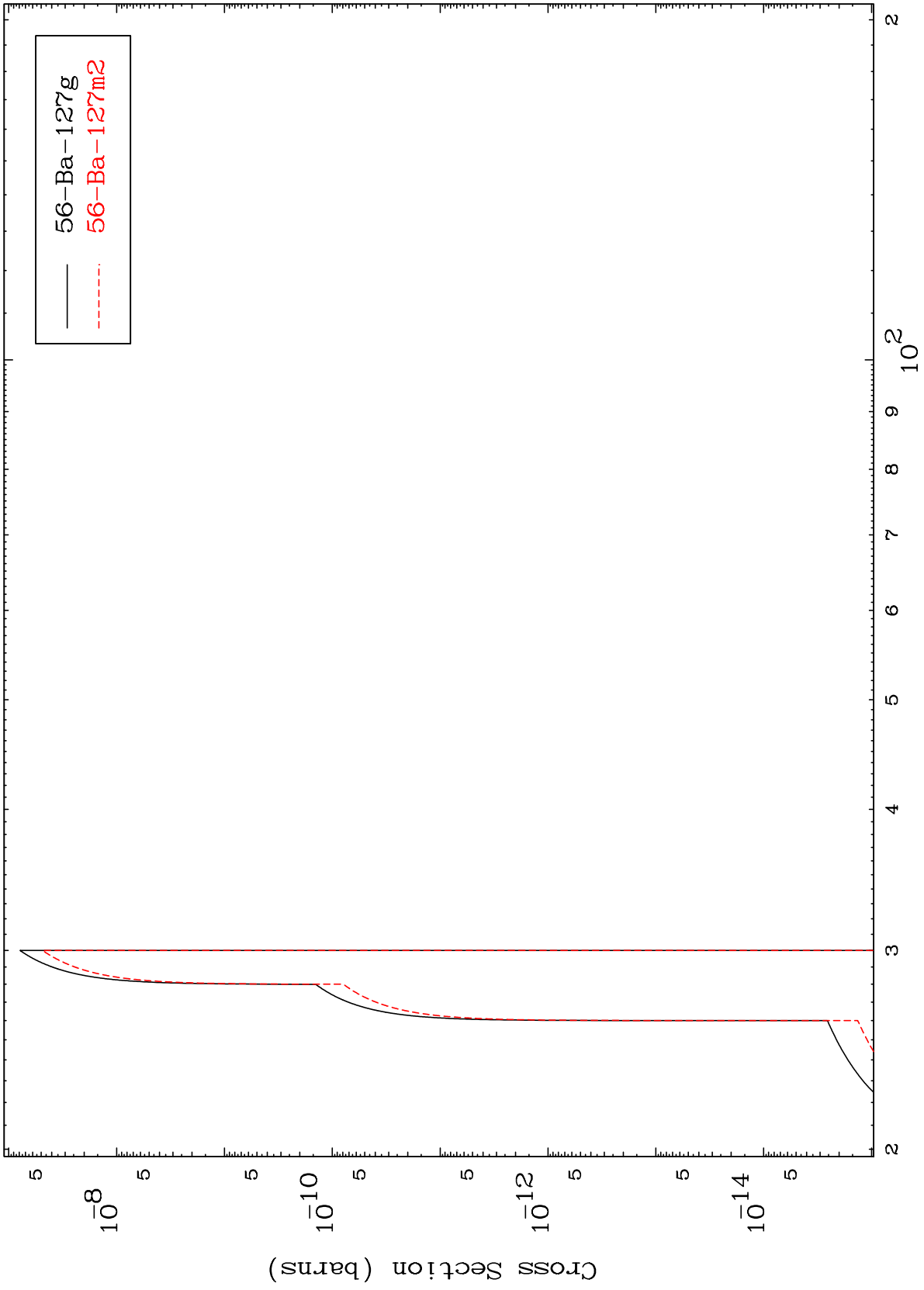
56-Ba-127

MAT 5617

( $\alpha, p$ ) t

56-Ba-127

Radionuclide Production Cross Section



19

Incident Energy (MeV)

56-Ba-127