

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

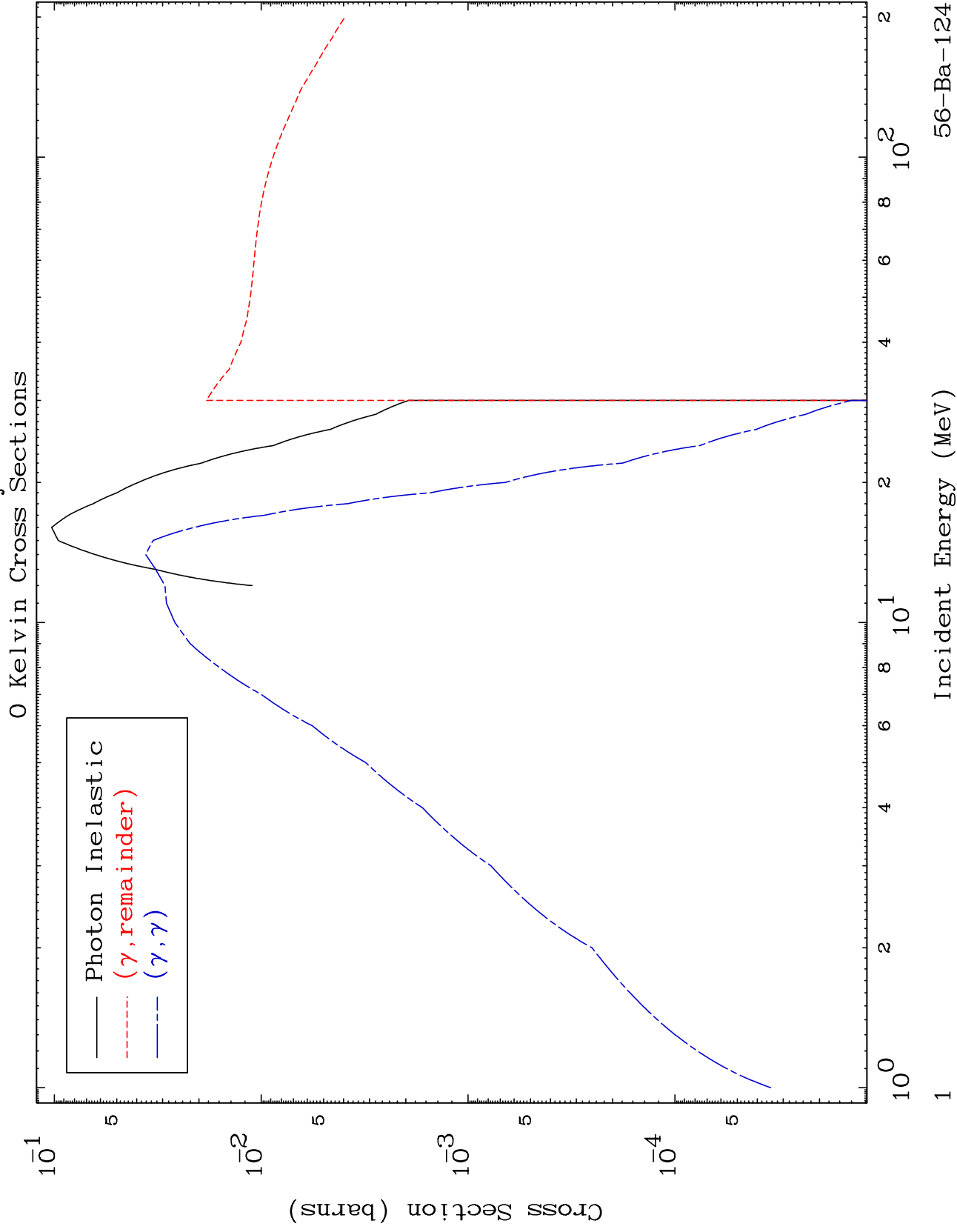
Web:redcullen1.net/HOMEPAGE.NEW

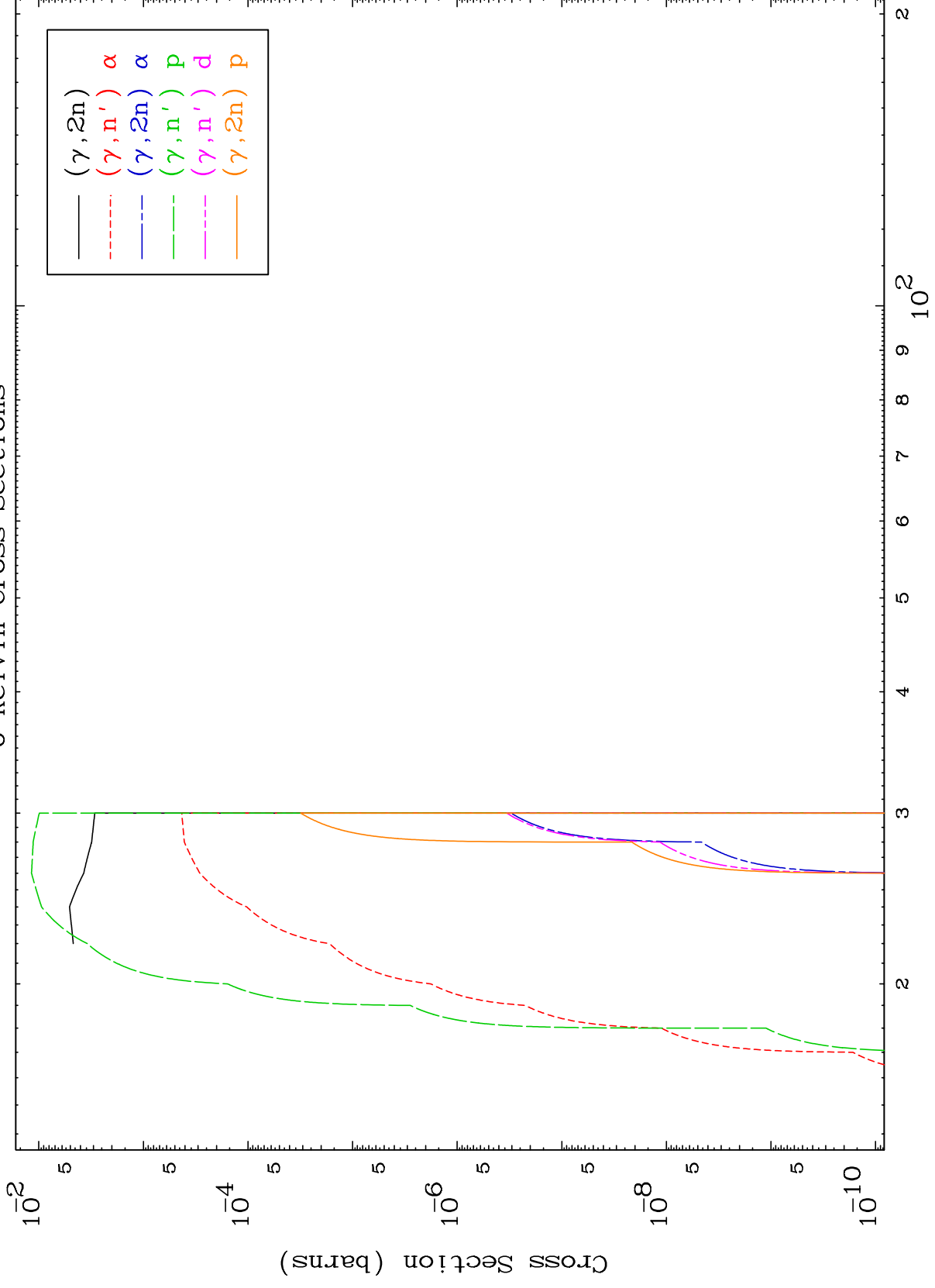
Press Mouse Button to Start

MAT 5607

Photon Major

56-Ba-124

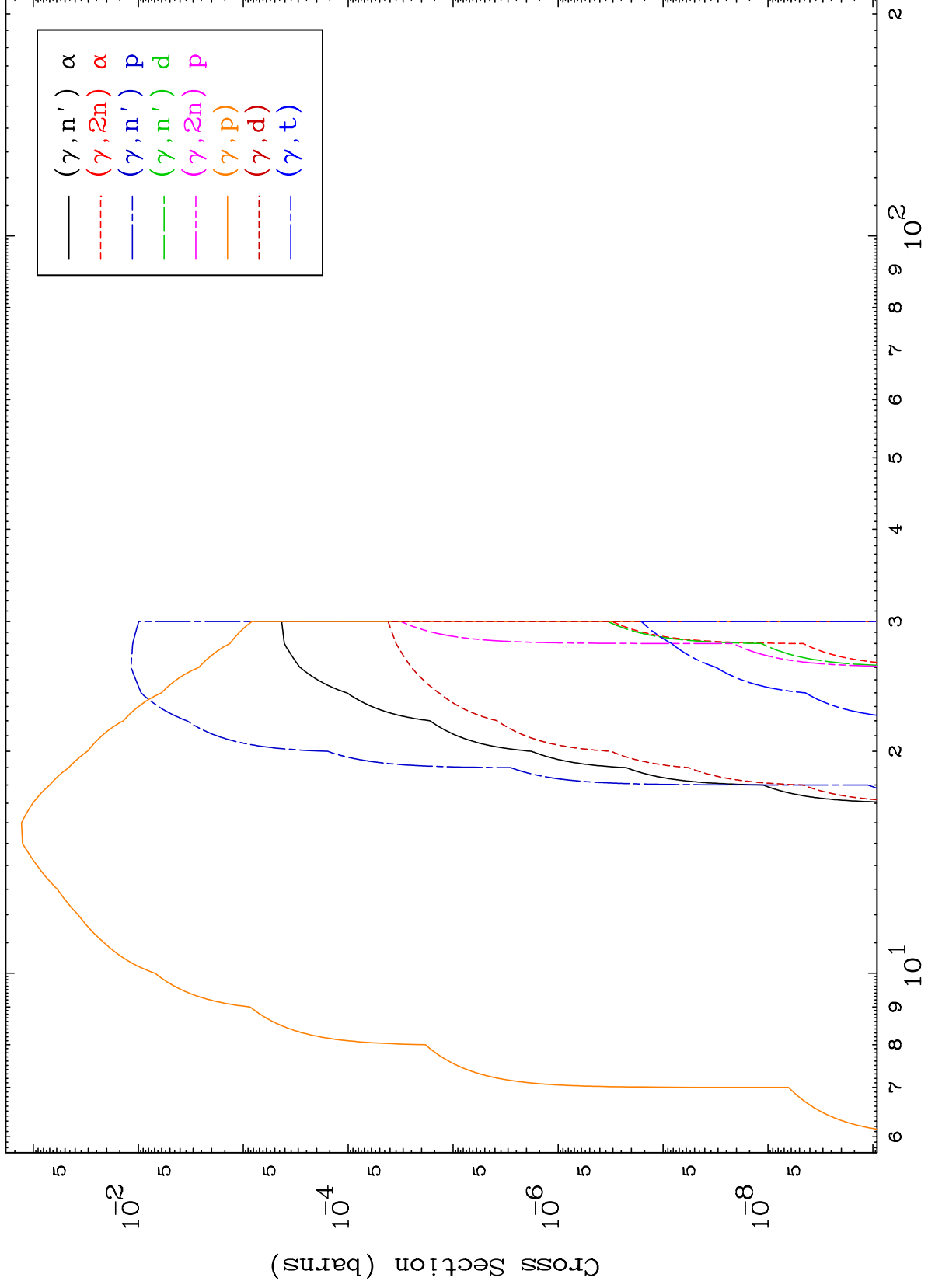




MAT 5607

Photon Charged Particle  
0 Kelvin Cross Sections

56-Ba-124



3

Incident Energy (MeV)

56-Ba-124

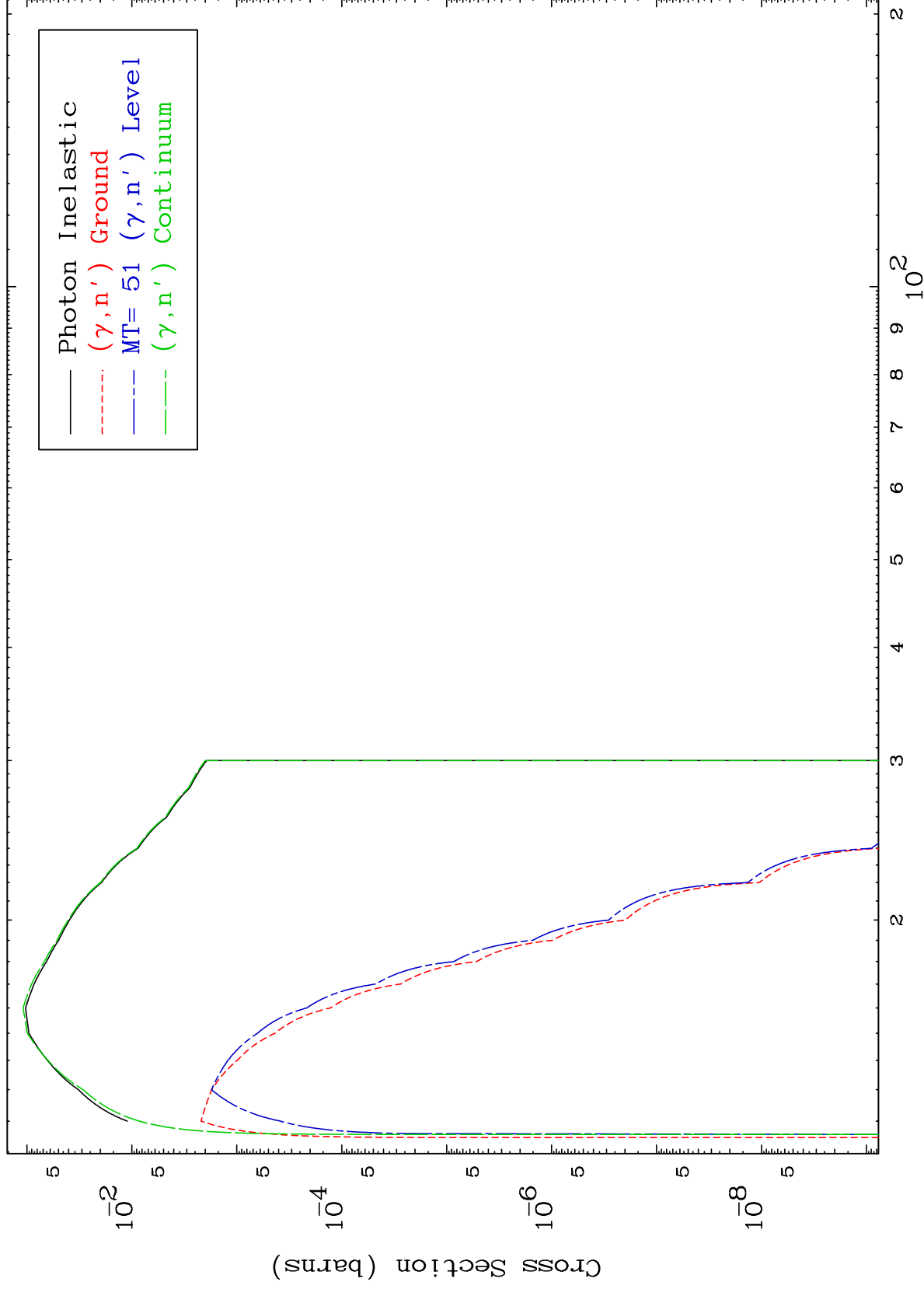


MAT 5607

$(\gamma, n')$  Level

56-Ba-124

0 Kelvin Cross Sections



Incident Energy (MeV)

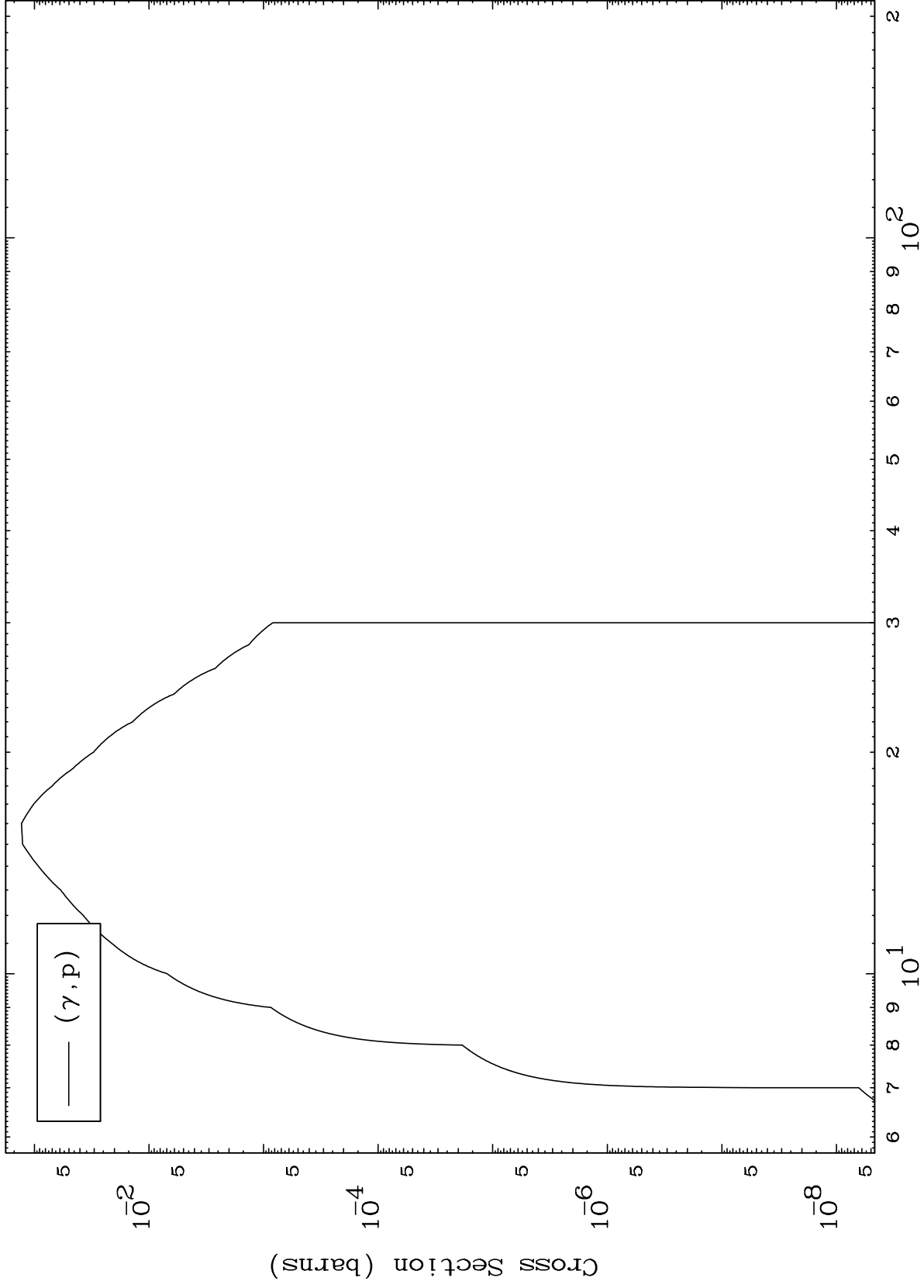
56-Ba-124

5

MAT 5607

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

56-Ba-124



6

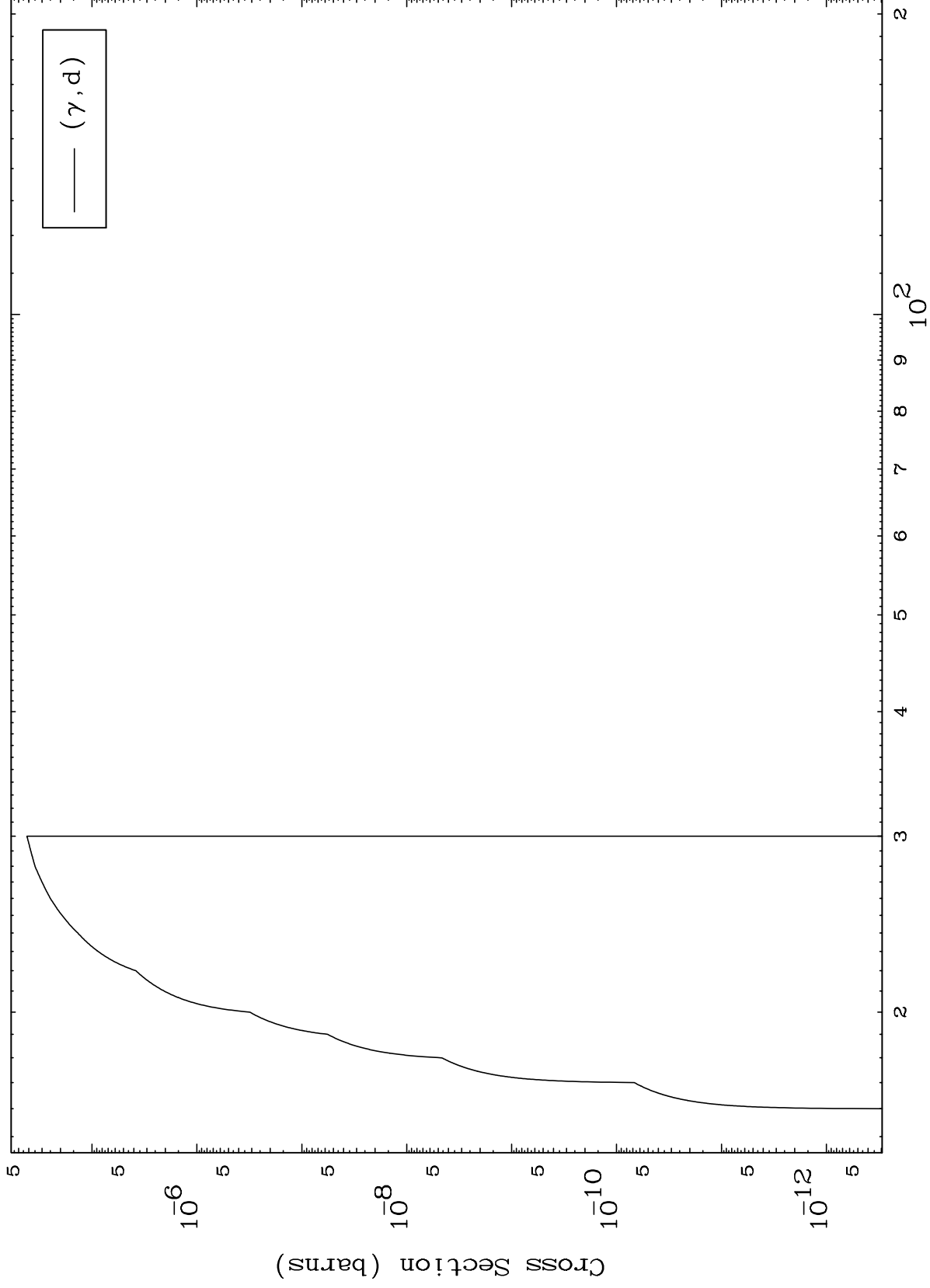
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



7

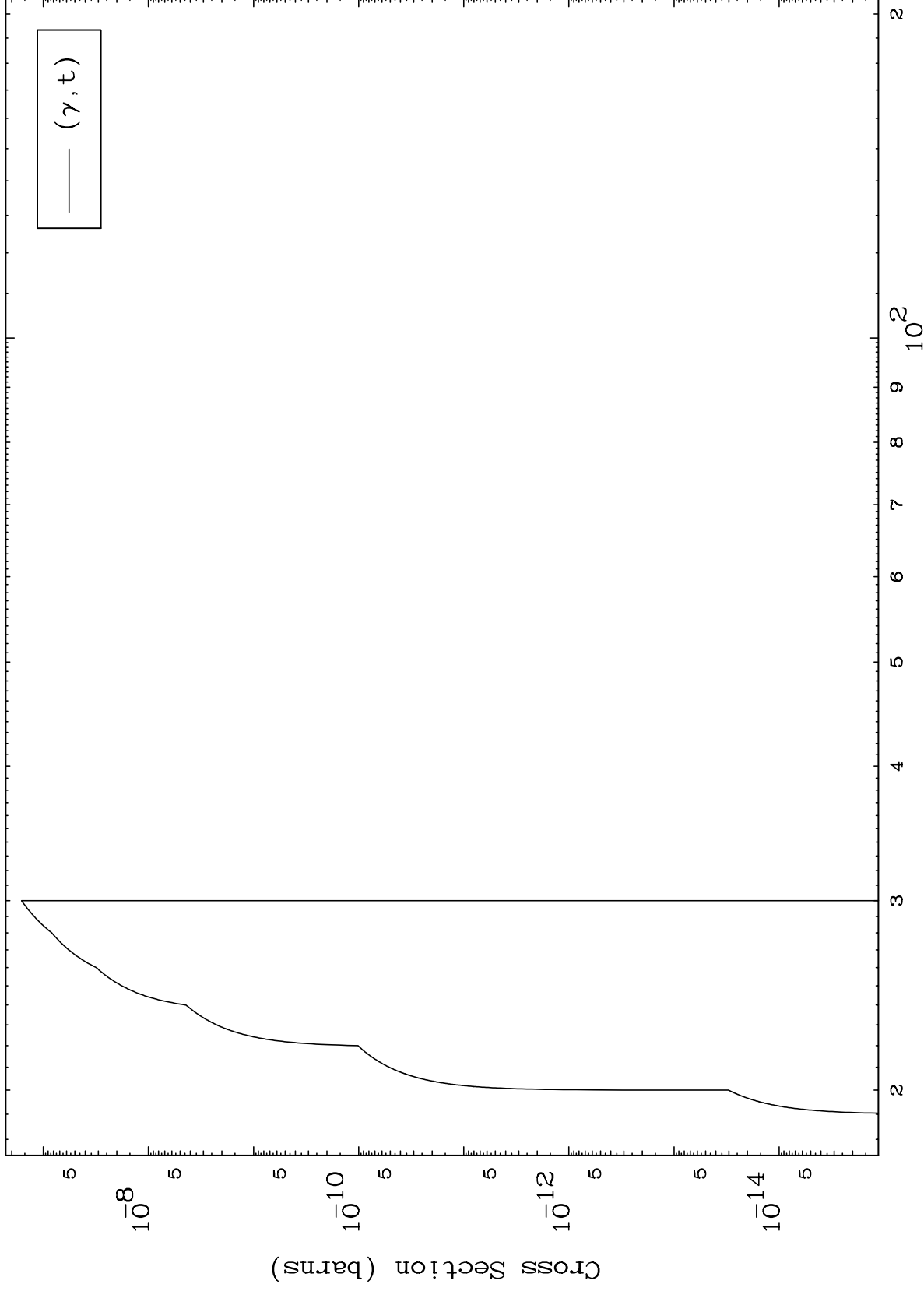
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



8

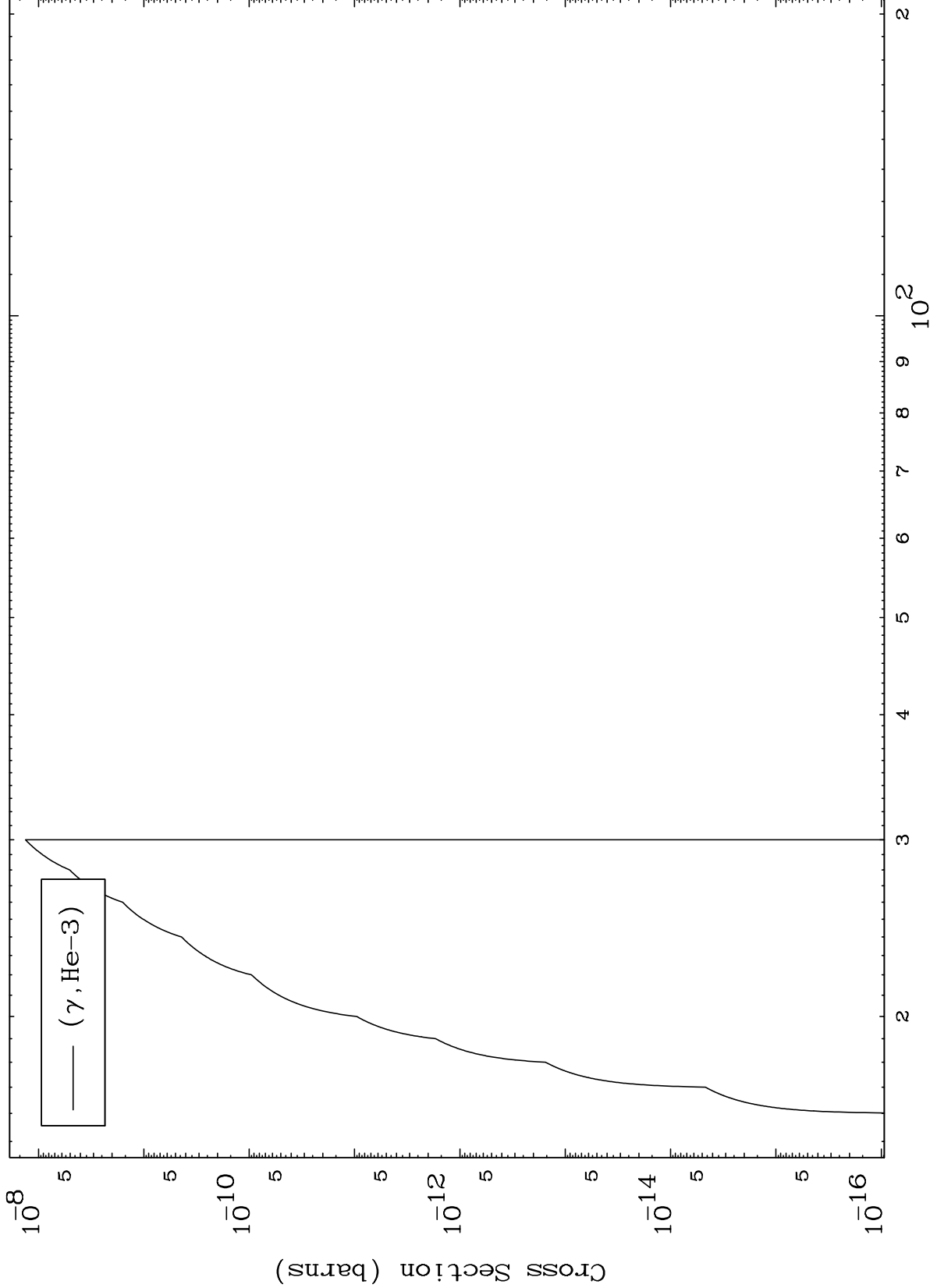
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

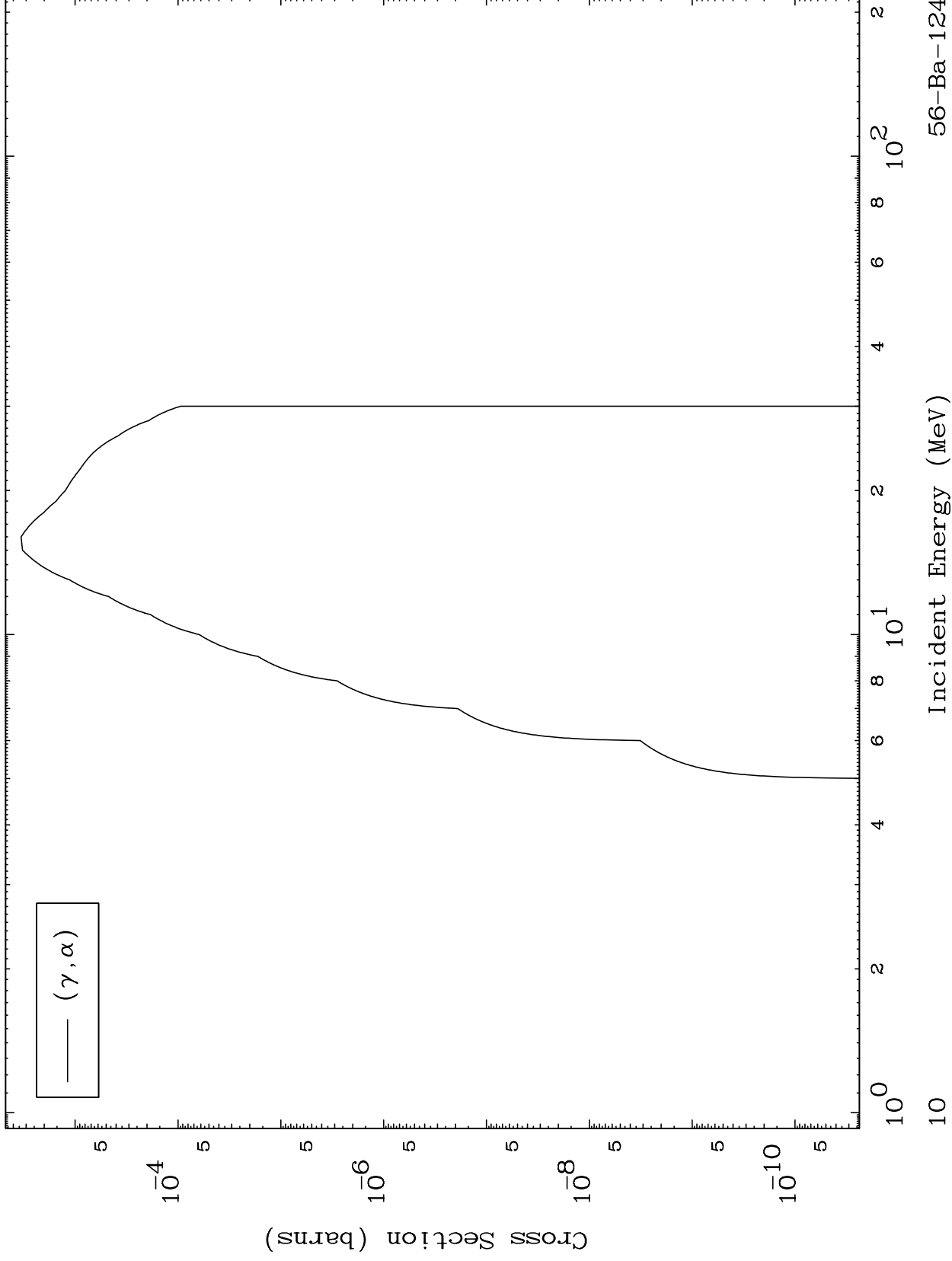
56-Ba-124



MAT 5607

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

56-Ba-124



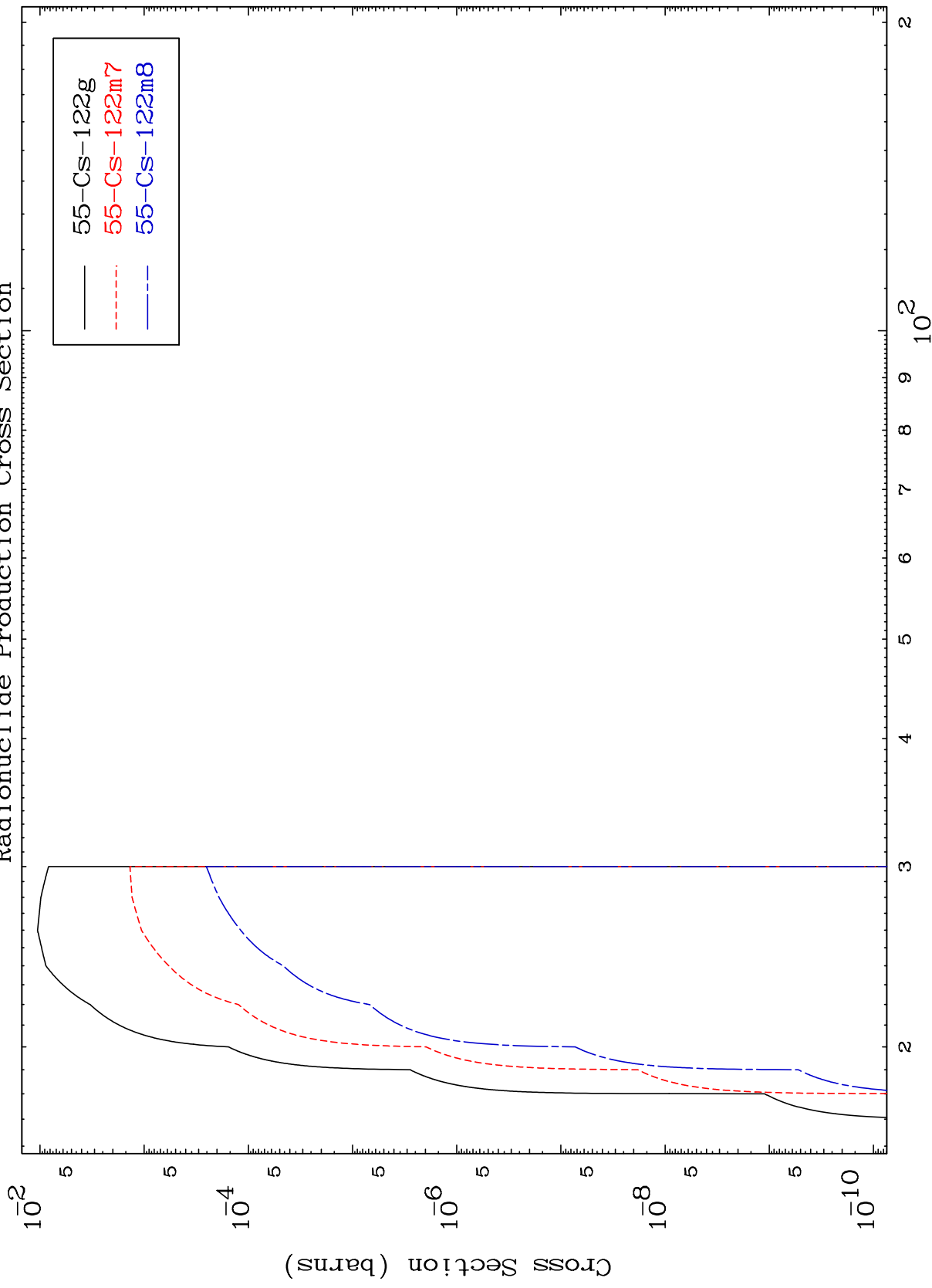
56-Ba-124

MAT 5607

$(\gamma, n')$  p

56-Ba-124

Radionuclide Production Cross Section



11

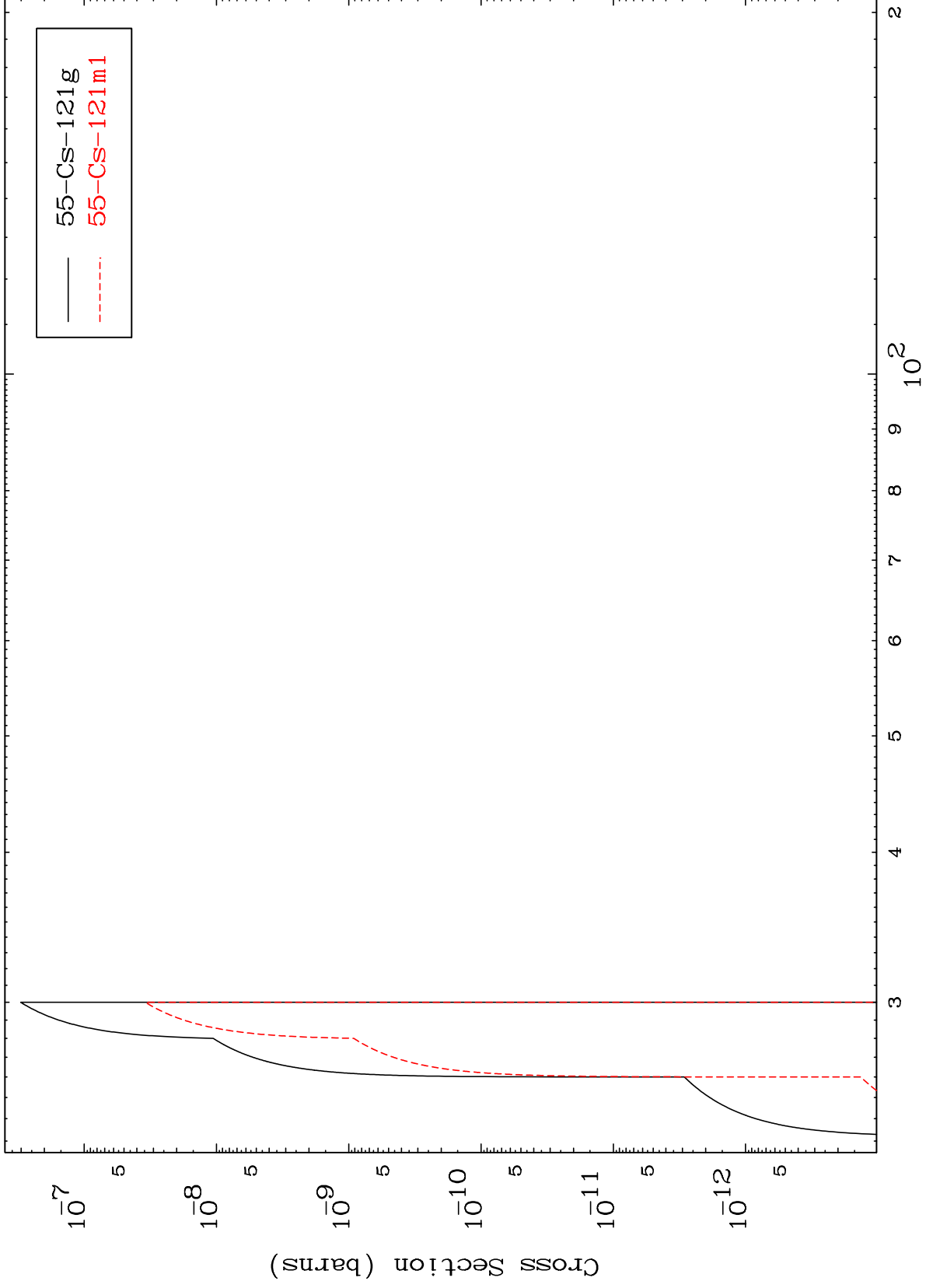
Incident Energy (MeV)

56-Ba-124

MAT 5607

56-Ba-124

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



12

Incident Energy (MeV)

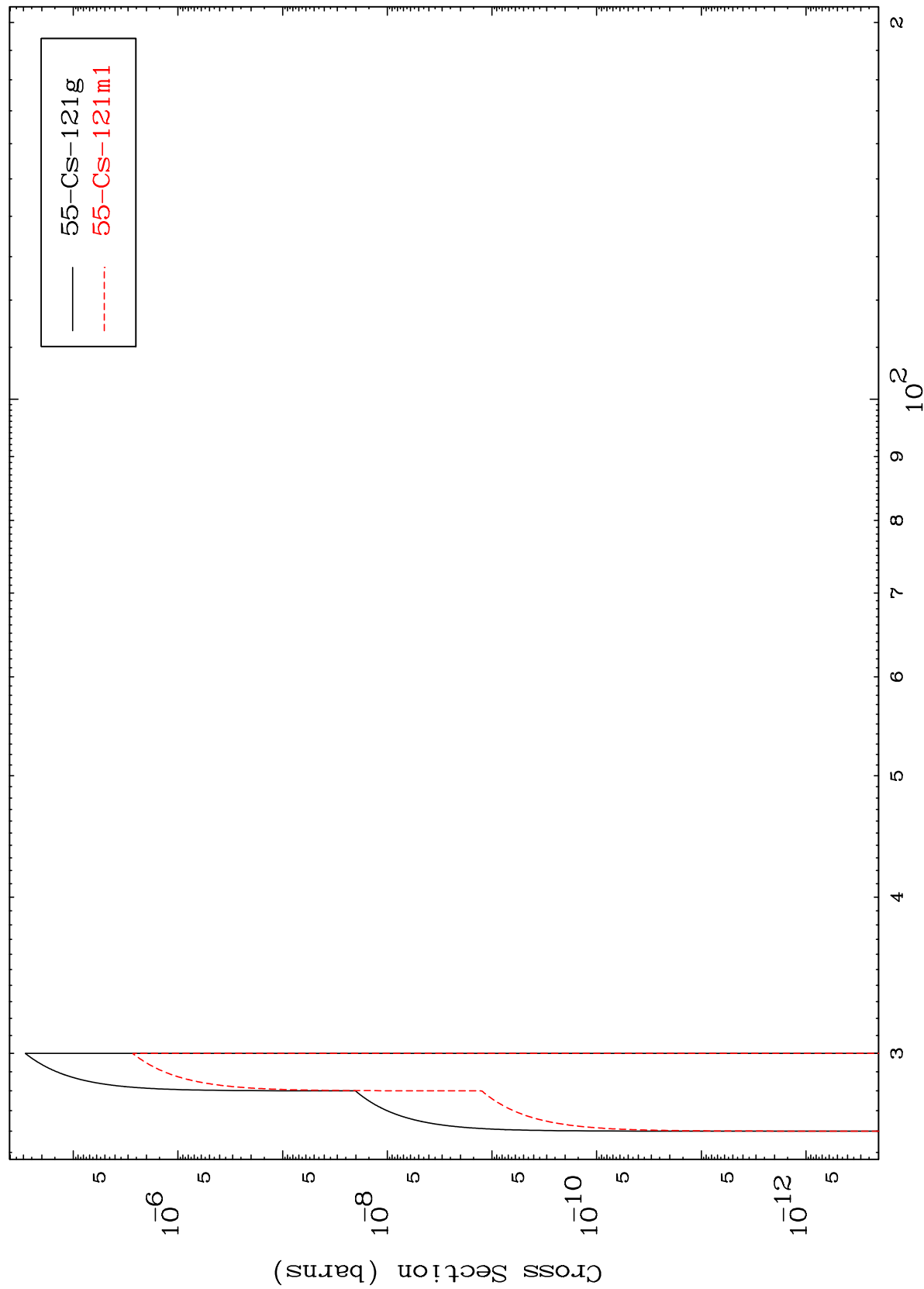
56-Ba-124

MAT 5607

( $\gamma, 2n$ ) p

56-Ba-124

Radionuclide Production Cross Section



13

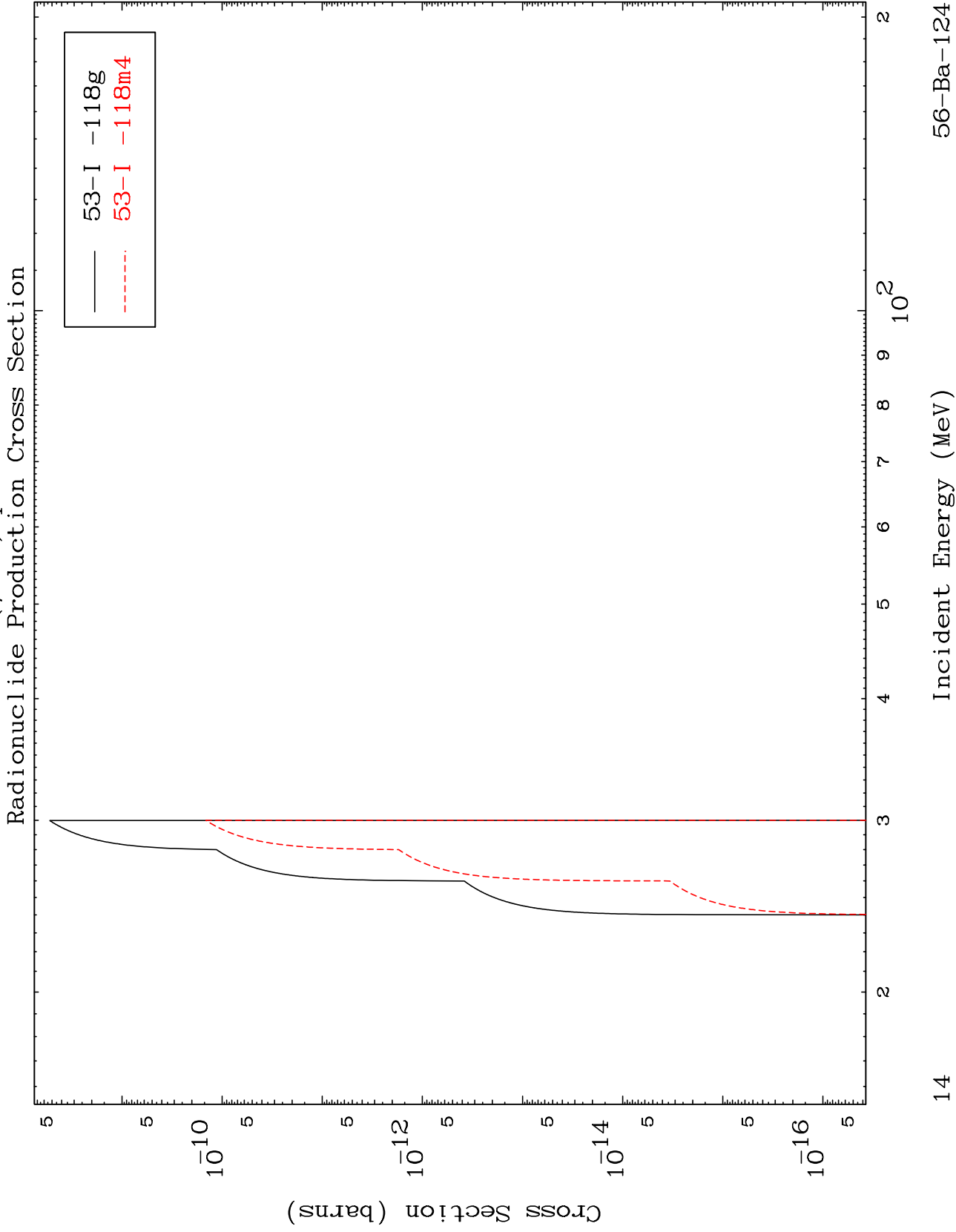
Incident Energy (MeV)

56-Ba-124

MAT 5607

( $\gamma, n'$ ) p  $\alpha$

56-Ba-124



14

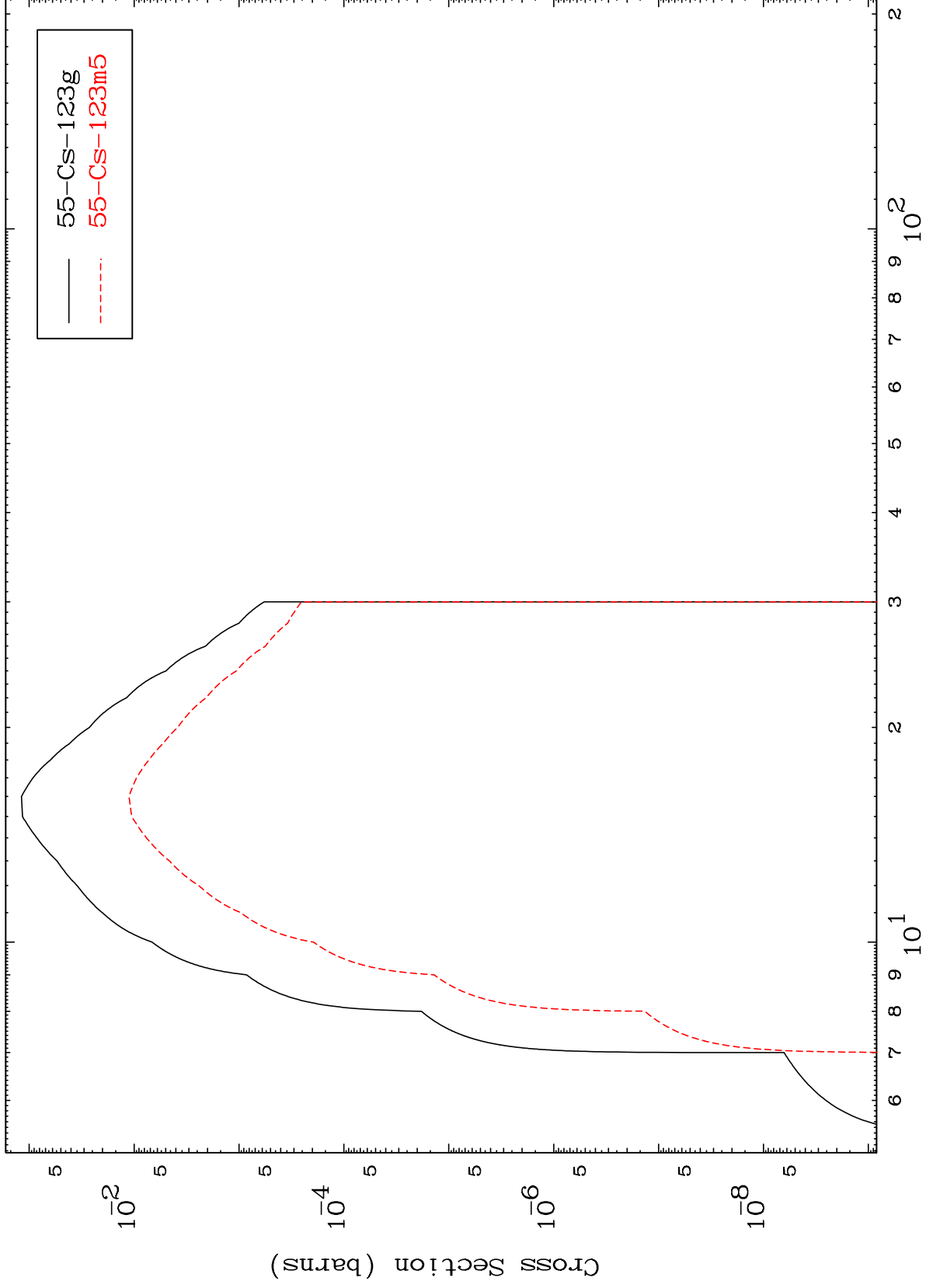
Incident Energy (MeV)

56-Ba-124

MAT 5607

56-Ba-124

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



56-Ba-124

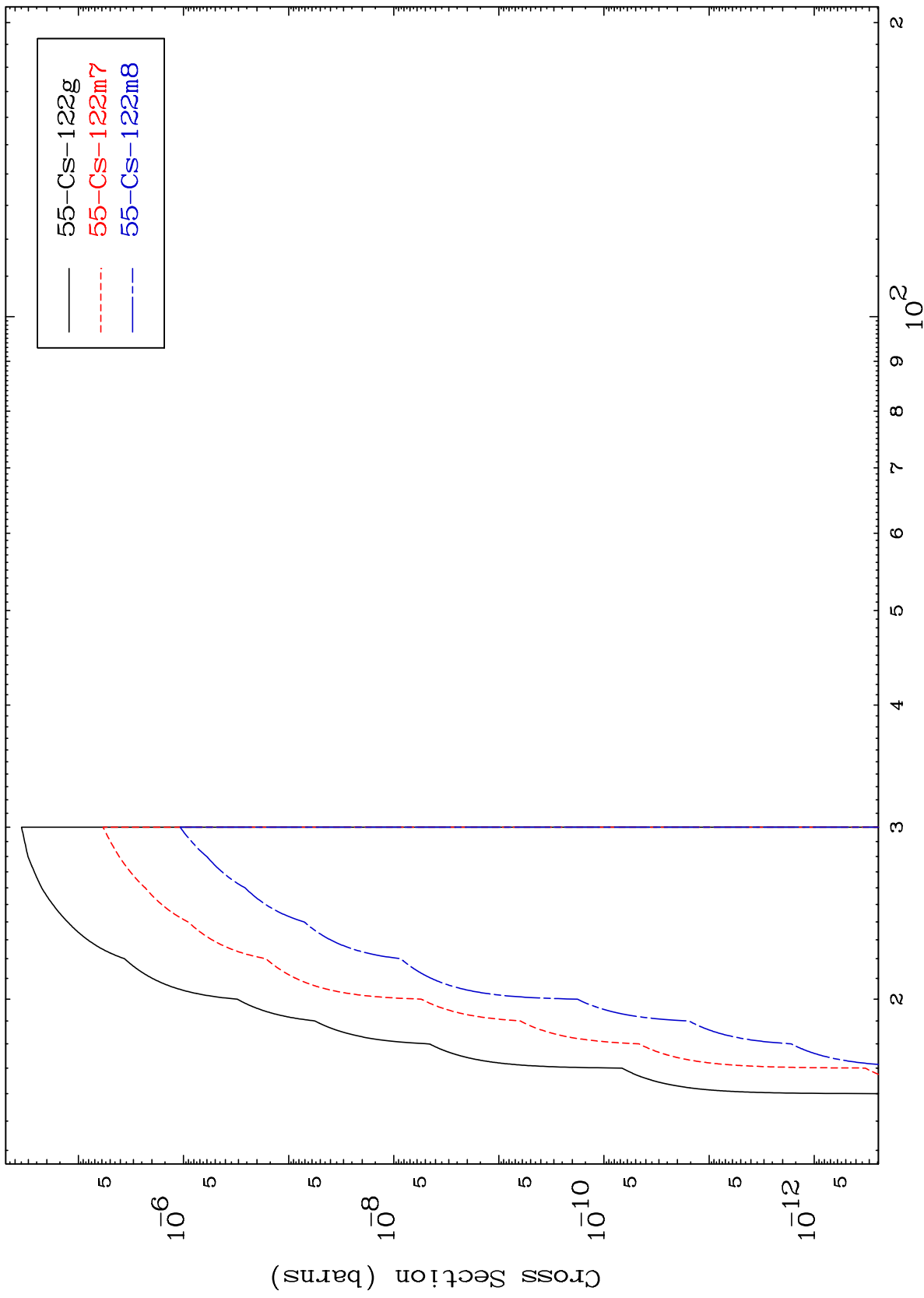
Incident Energy (MeV)

15

MAT 5607

56-Ba-124

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



16

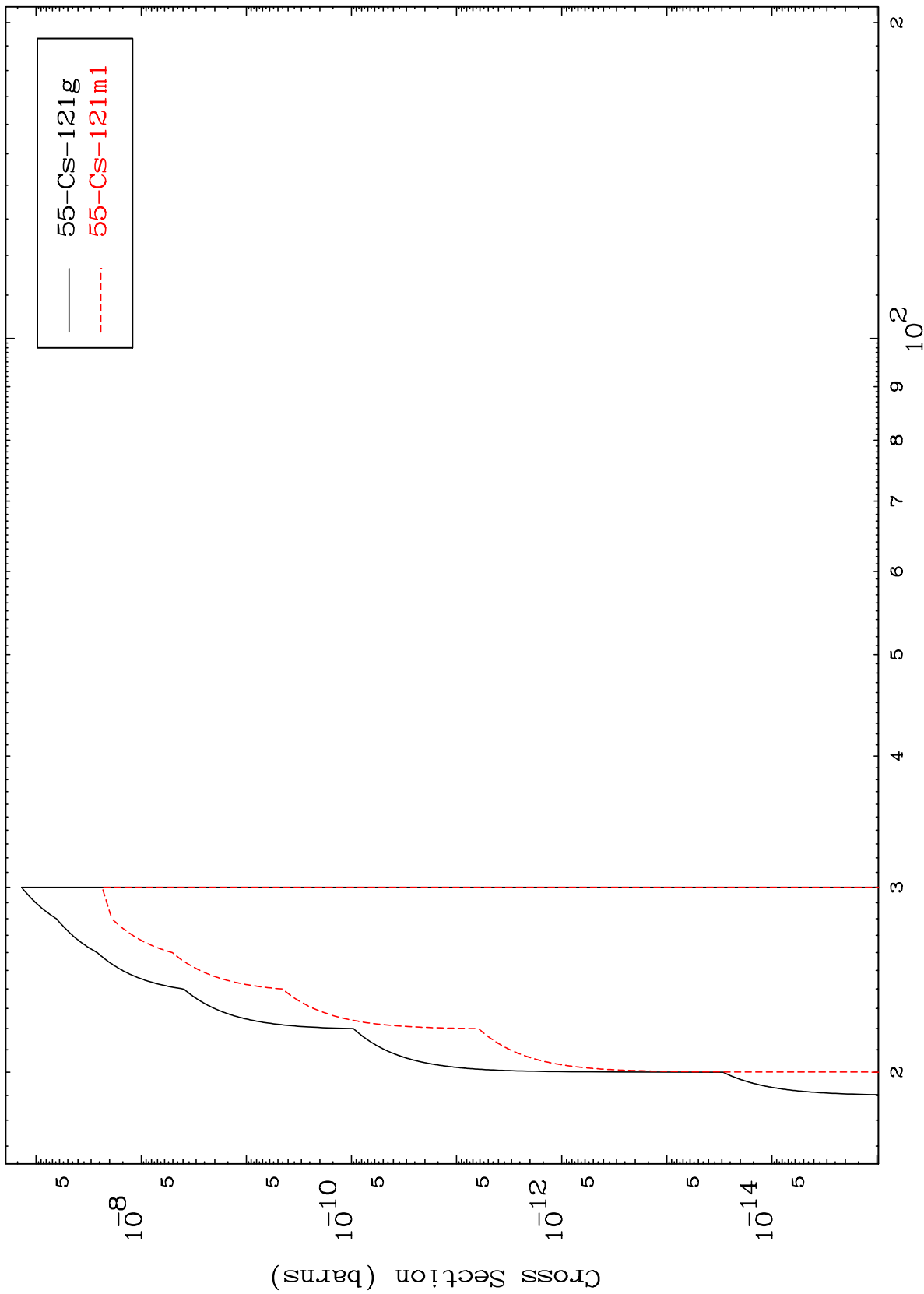
Incident Energy (MeV)

56-Ba-124

MAT 5607

56-Ba-124

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



17

56-Ba-124

Incident Energy (MeV)