

Program EVALPLOT  
(Version 2018-1)

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

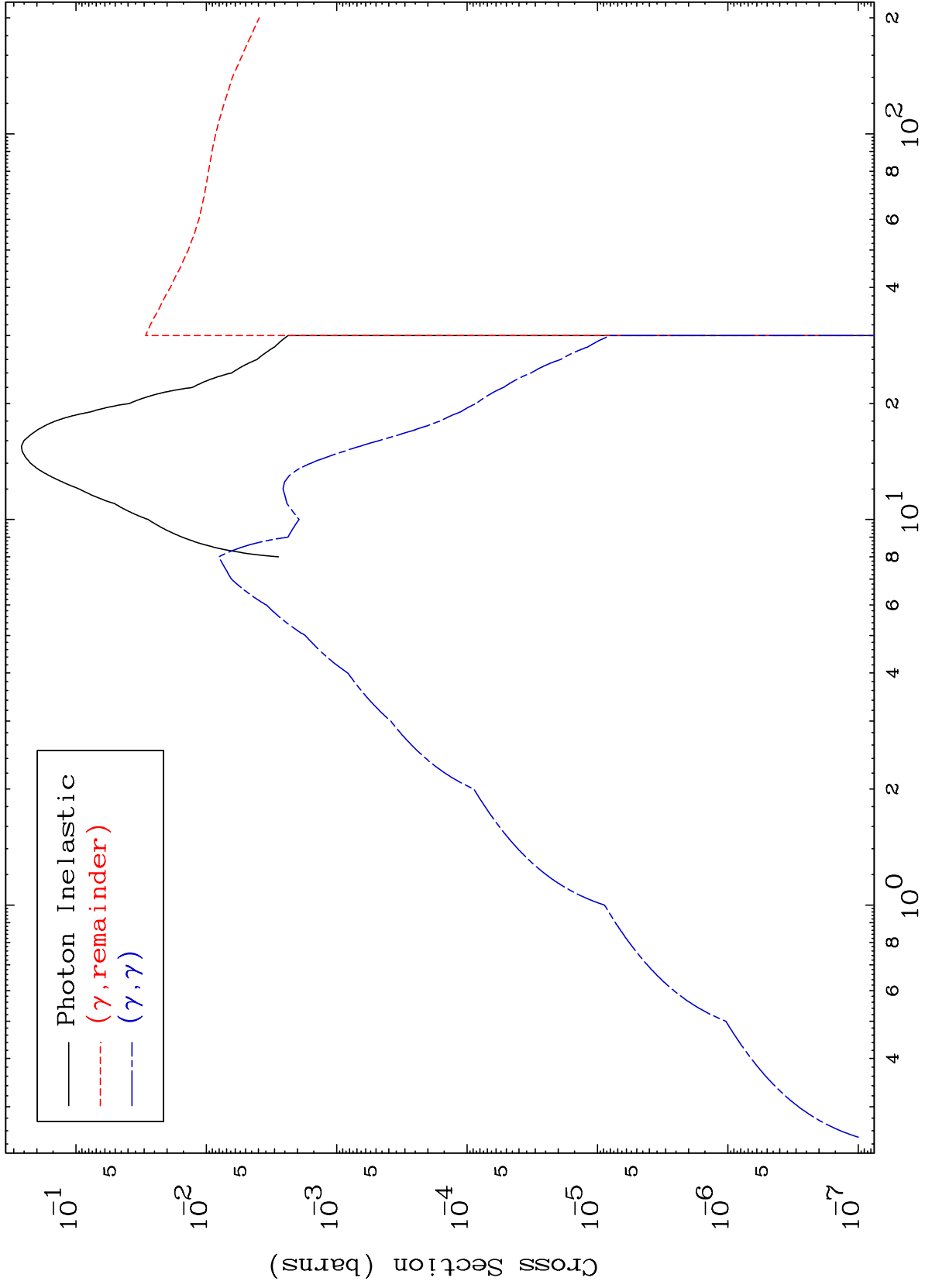
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5629

Photon Major  
0 Kelvin Cross Sections

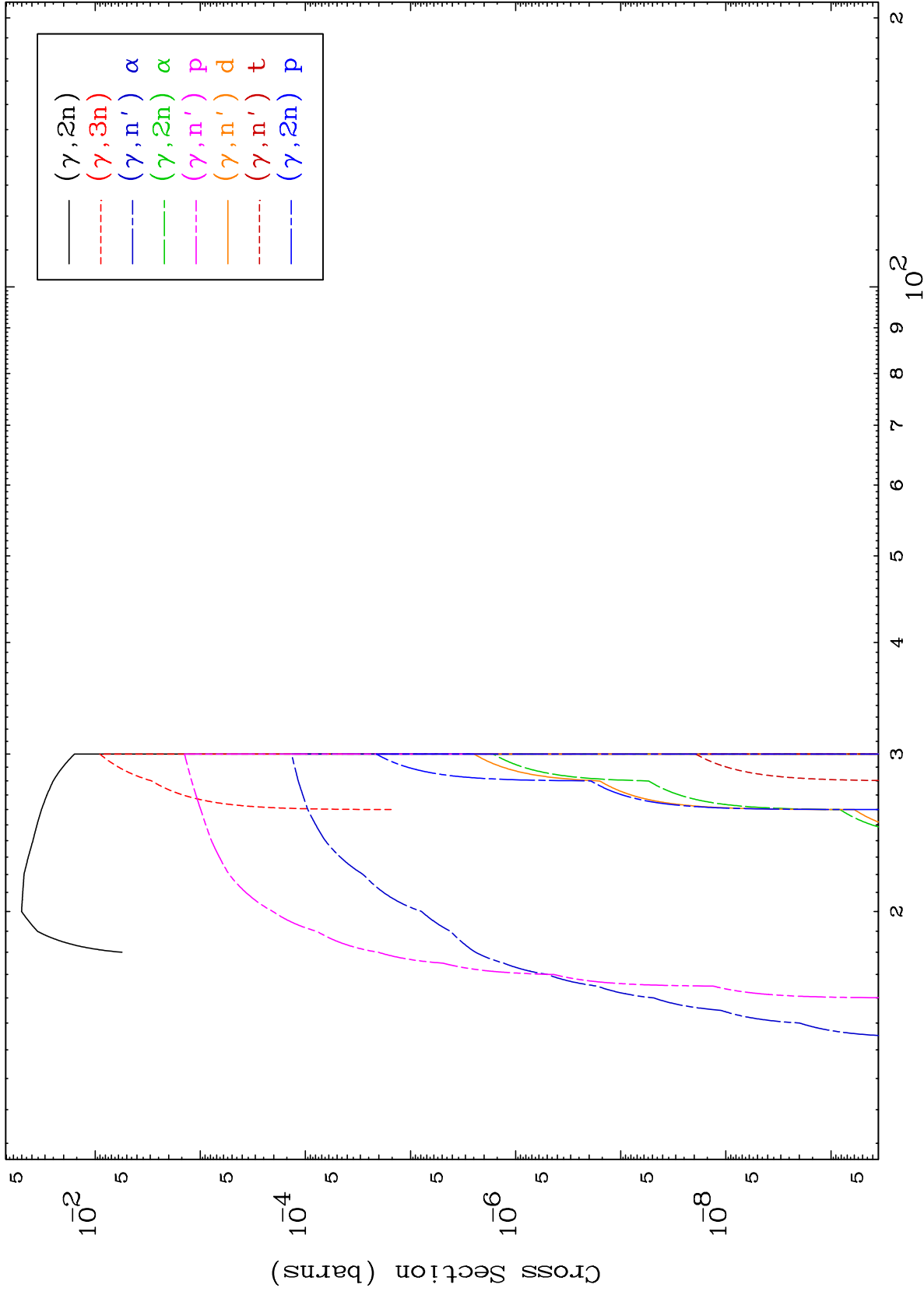
56-Ba-131



1

Incident Energy (MeV)

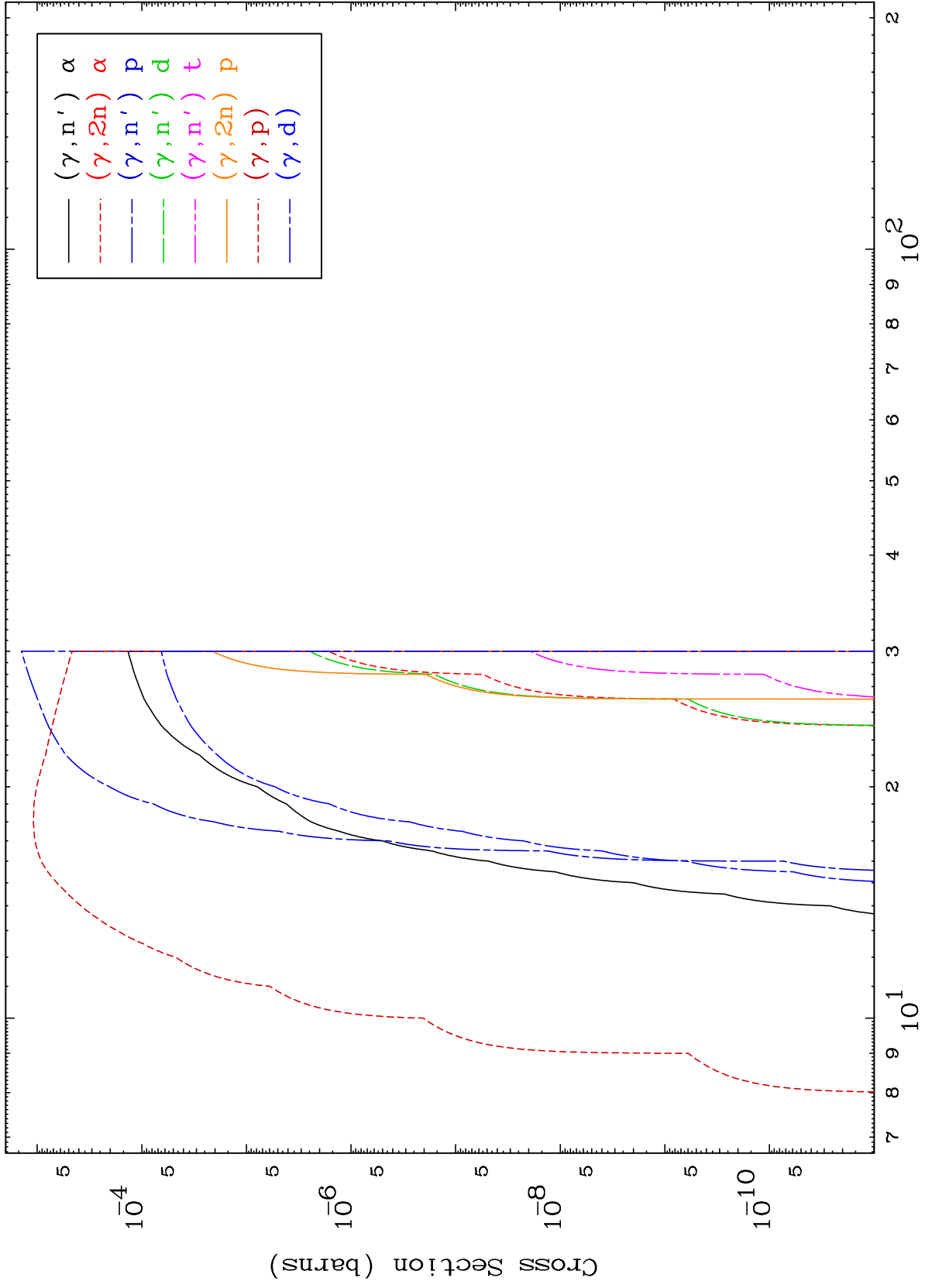
56-Ba-131



MAT 5629

Photon Charged Particle  
0 Kelvin Cross Sections

56-Ba-131



3

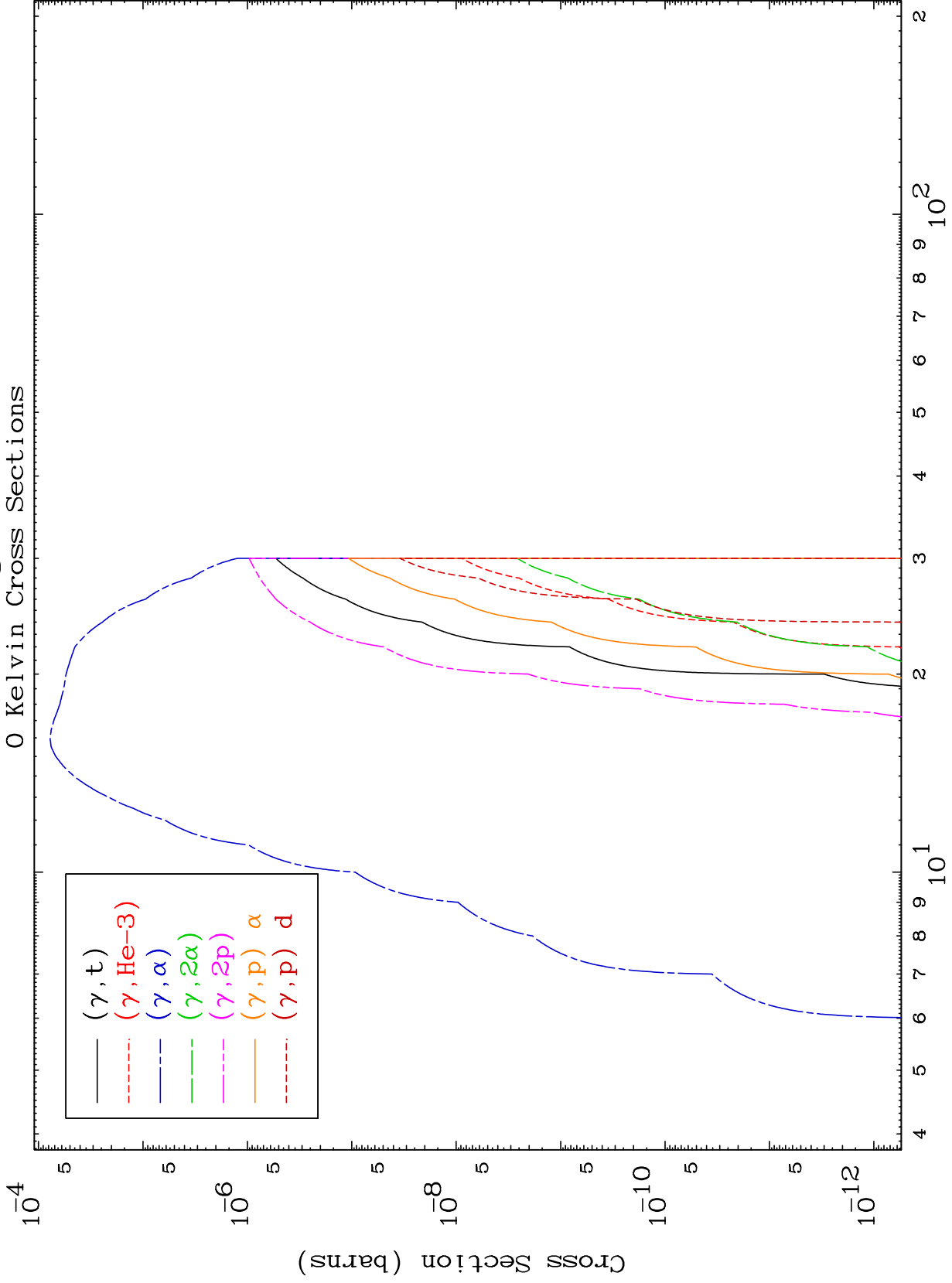
Incident Energy (MeV)

56-Ba-131

MAT 5629

Photon Charged Particle  
0 Kelvin Cross Sections

56-Ba-131

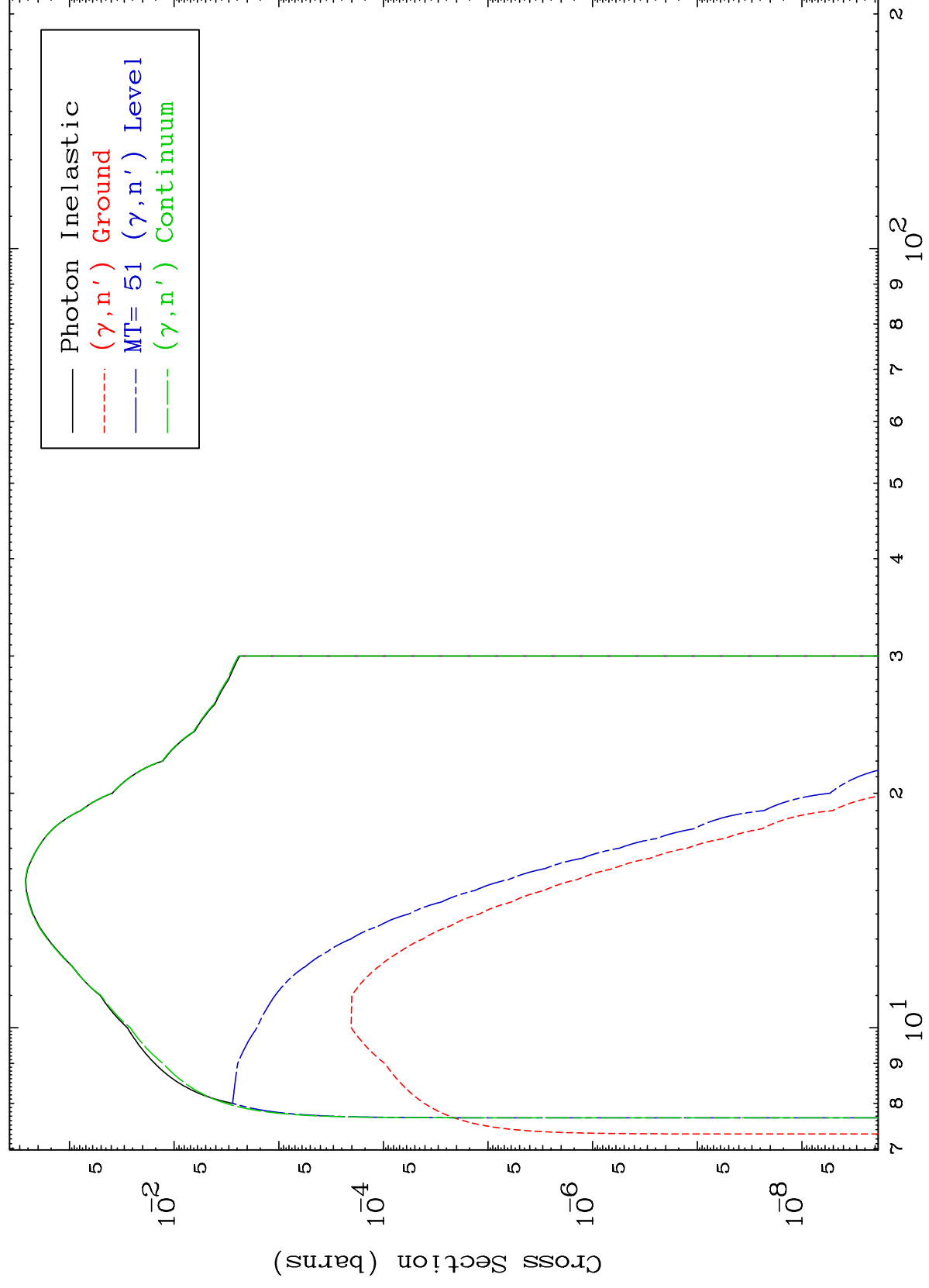


4

Incident Energy (MeV)

56-Ba-131

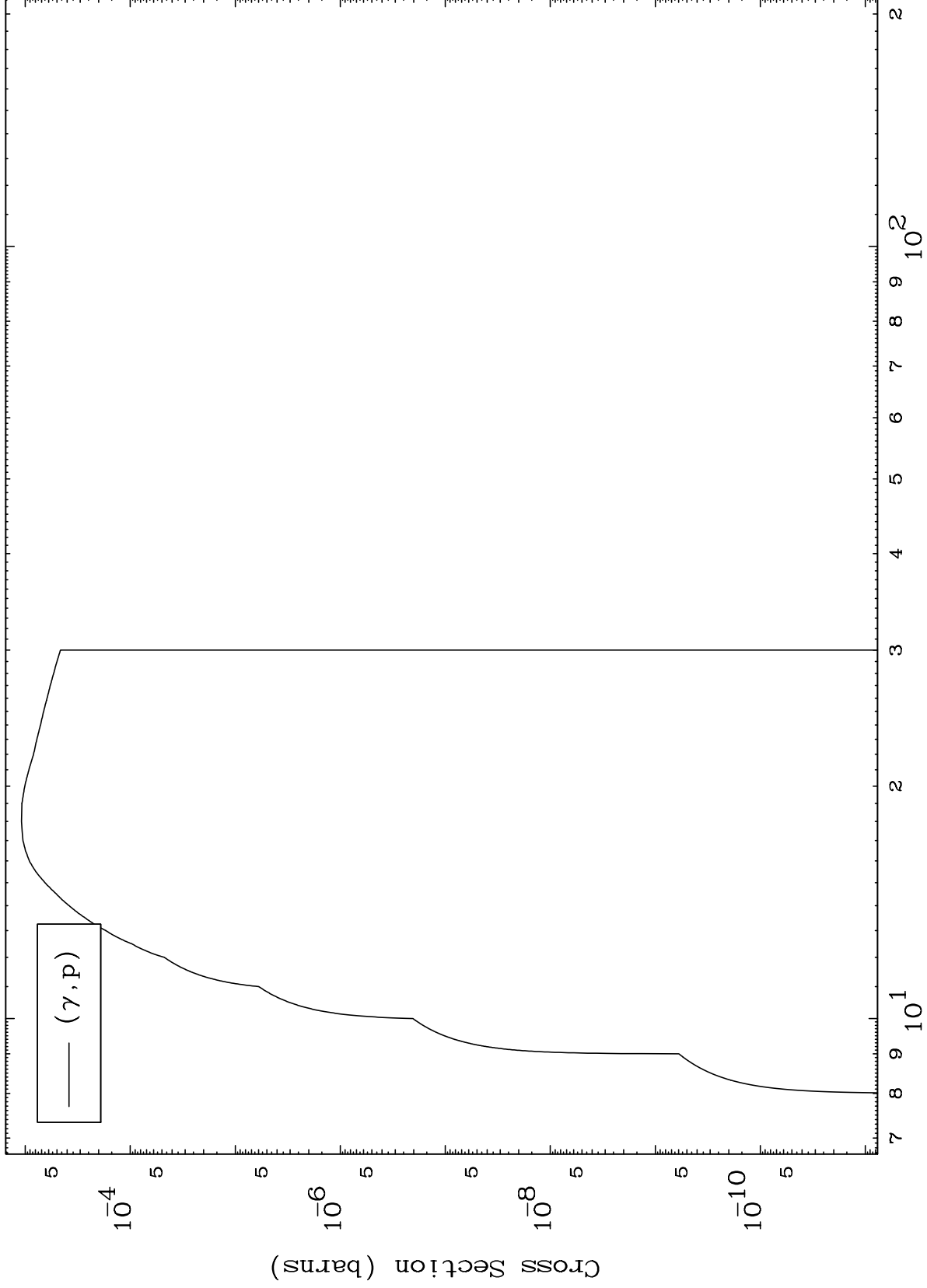
0 Kelvin Cross Sections



MAT 5629

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

56-Ba-131



6

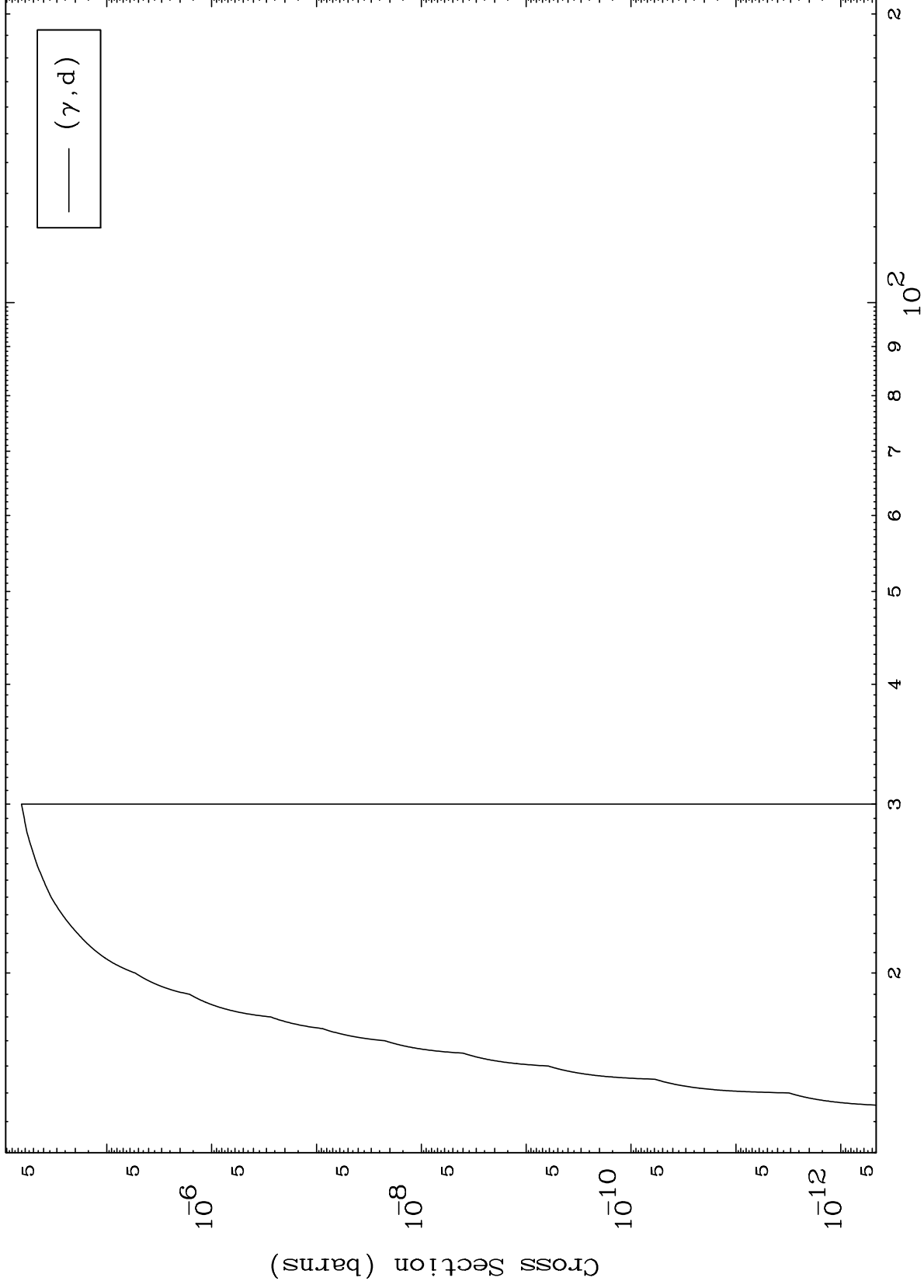
Incident Energy (MeV)

56-Ba-131

MAT 5629

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

56-Ba-131



7

Incident Energy (MeV)

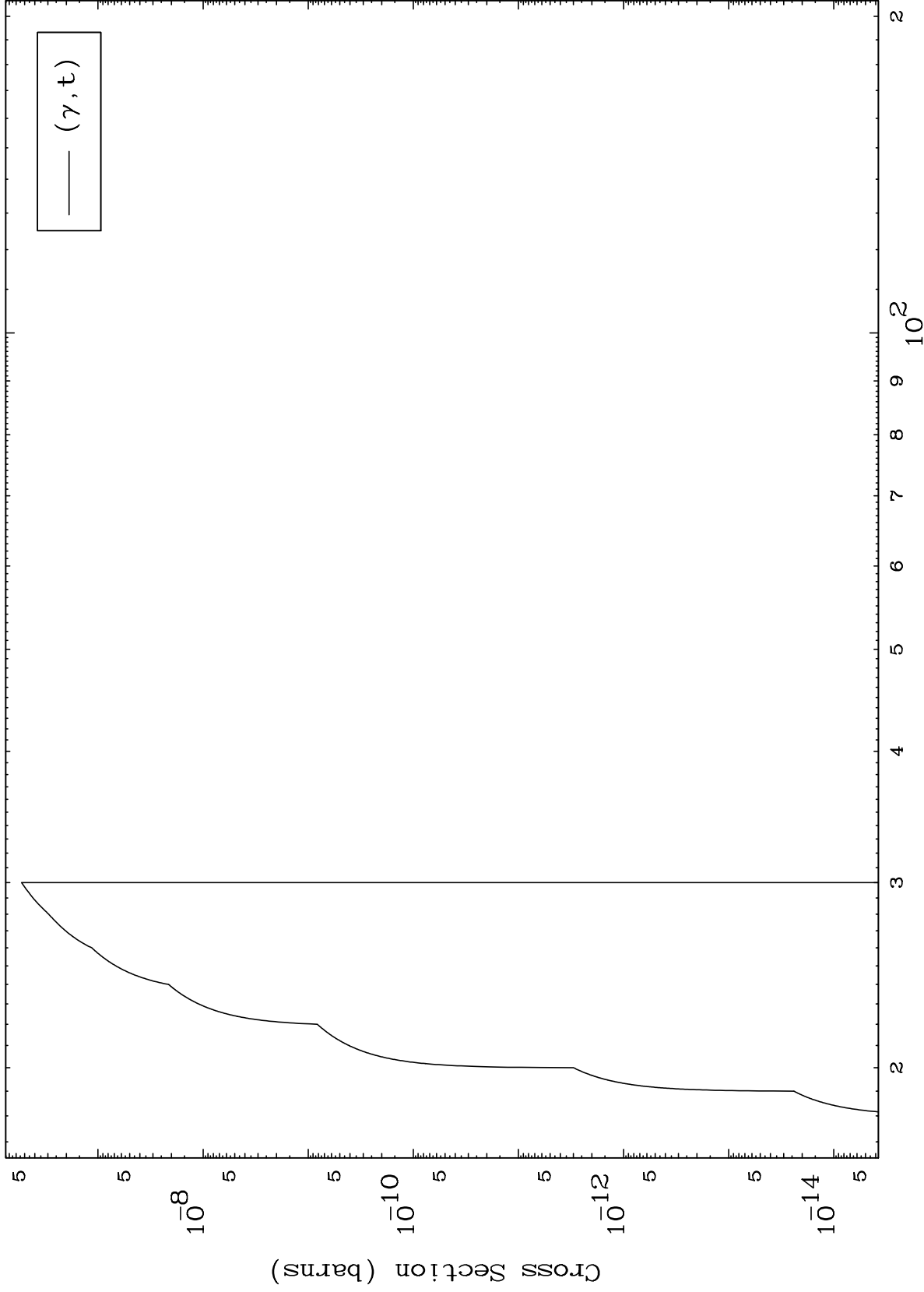
56-Ba-131



MAT 5629

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

56-Ba-131



8

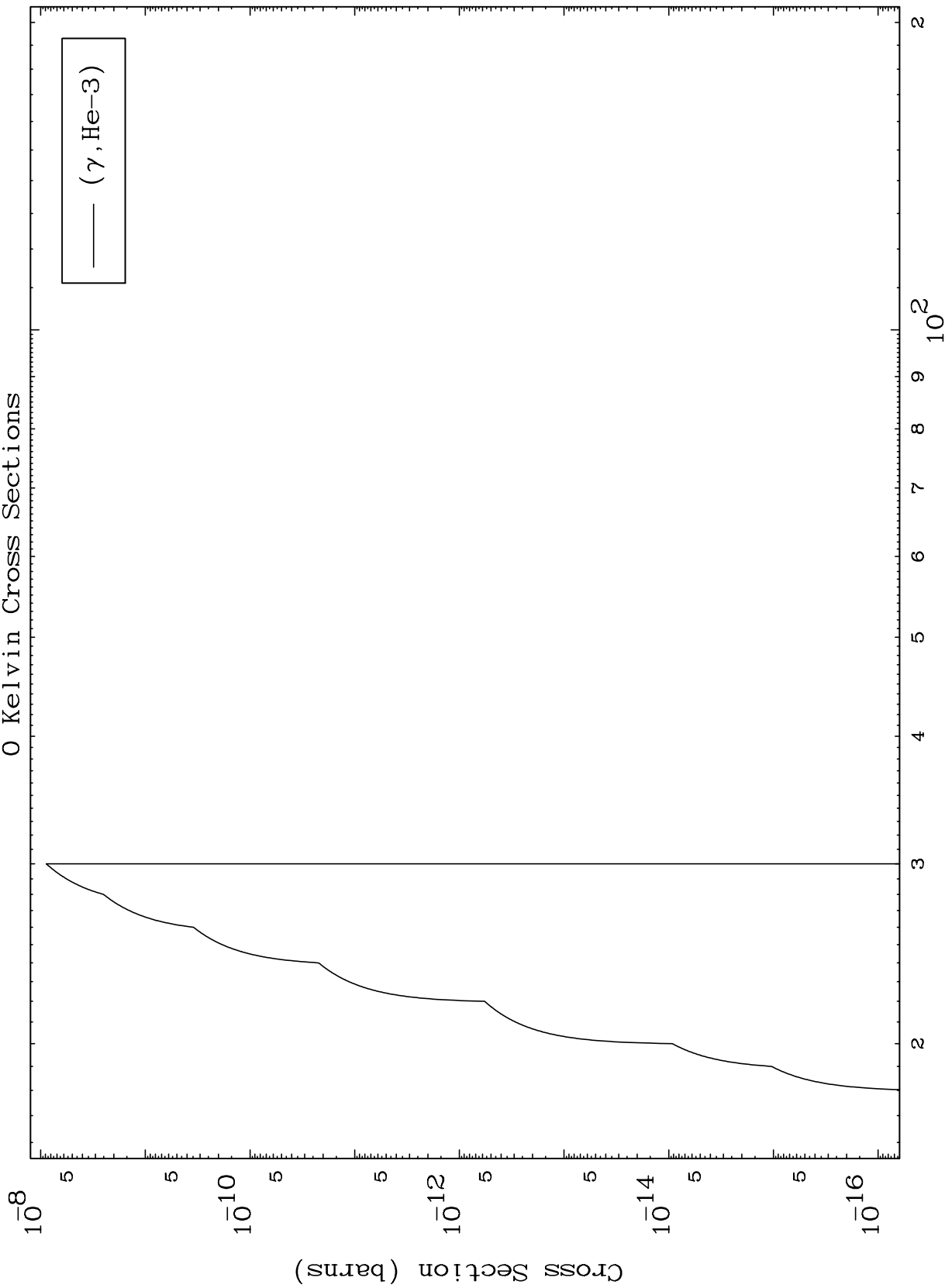
Incident Energy (MeV)

56-Ba-131

MAT 5629

56-Ba-131

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



9

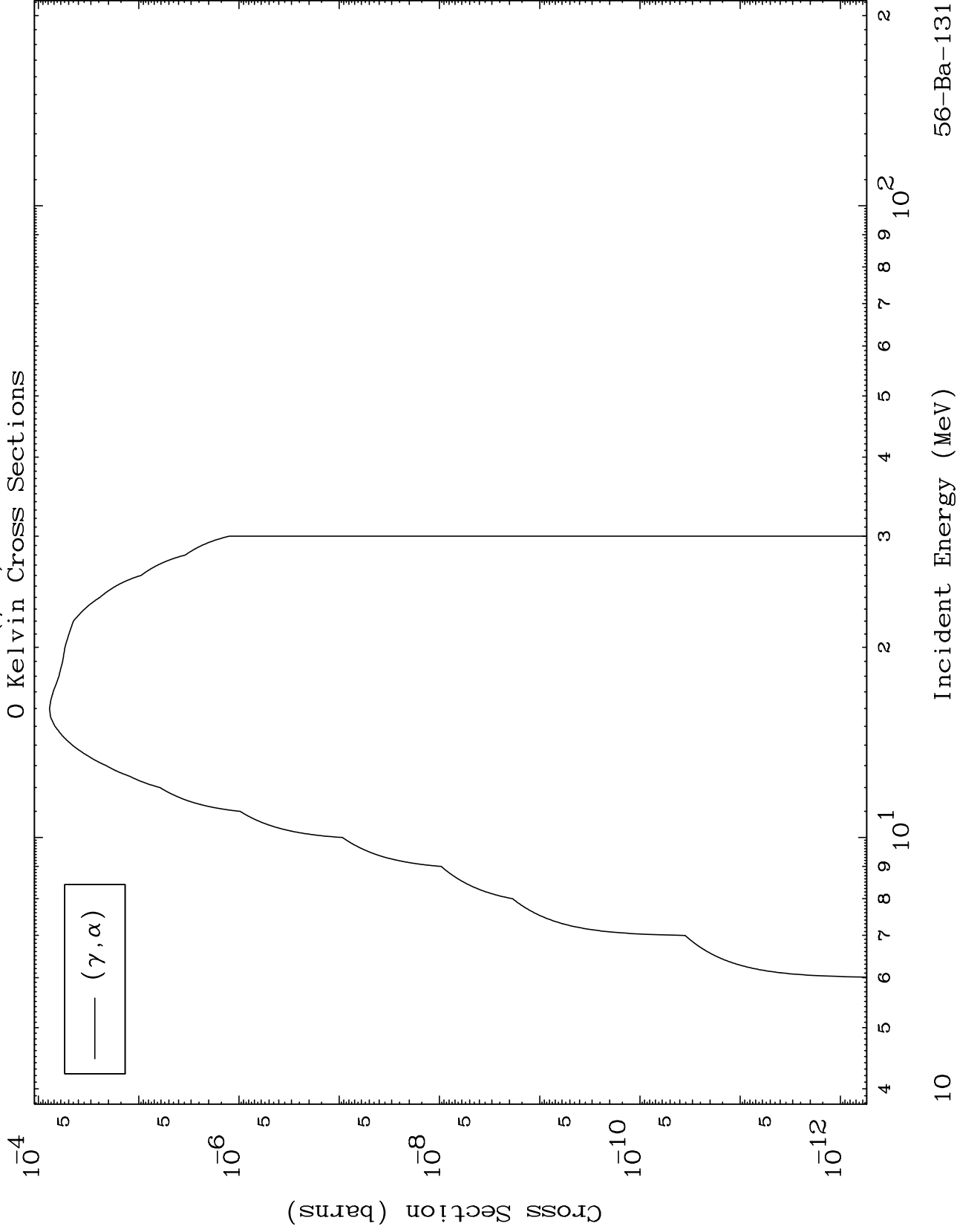
56-Ba-131

Incident Energy (MeV)

MAT 5629

( $\gamma, \alpha$ ) Levels

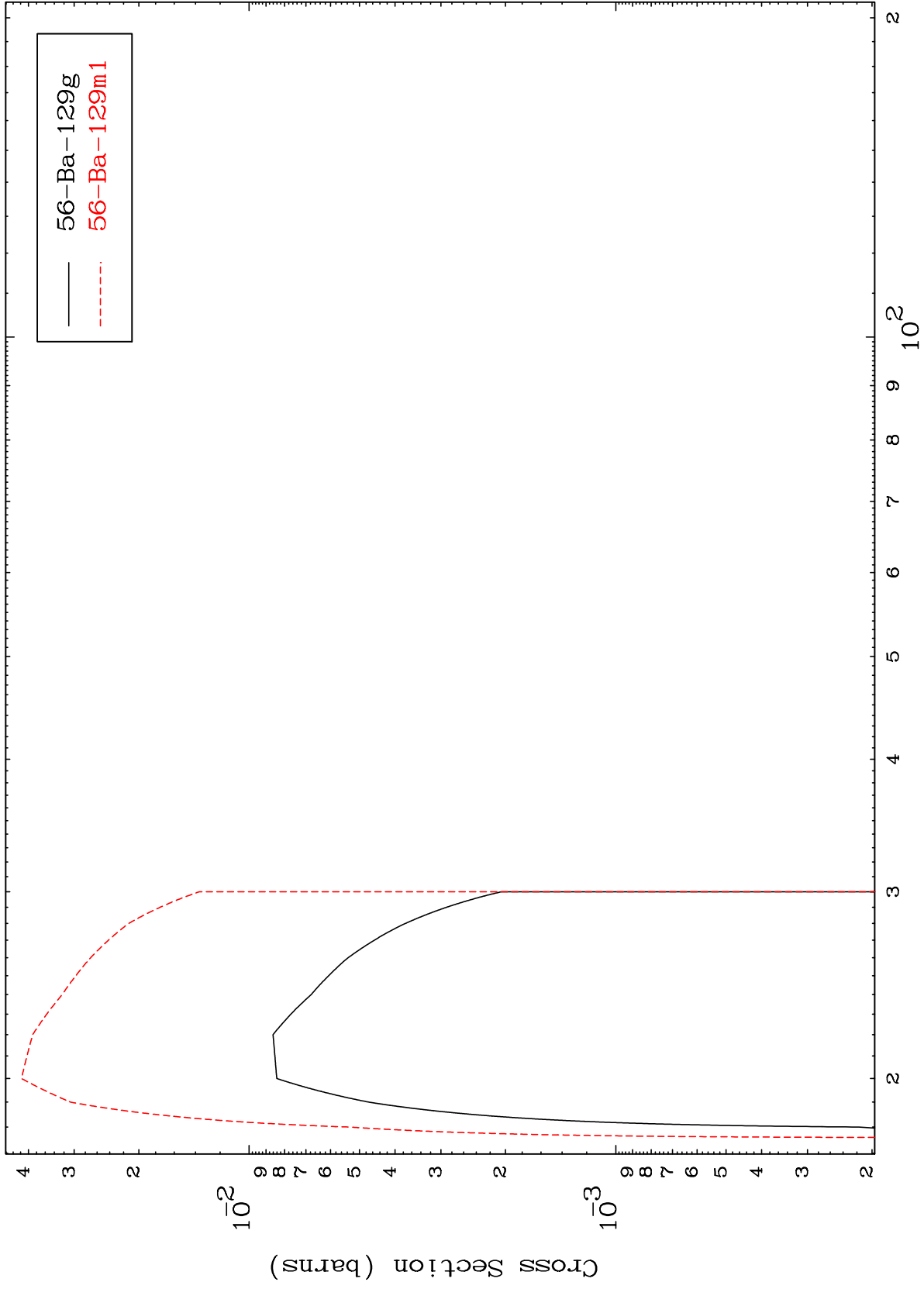
56-Ba-131



MAT 5629

56-Ba-131

( $\gamma, 2n$ )  
Radionuclide Production Cross Section

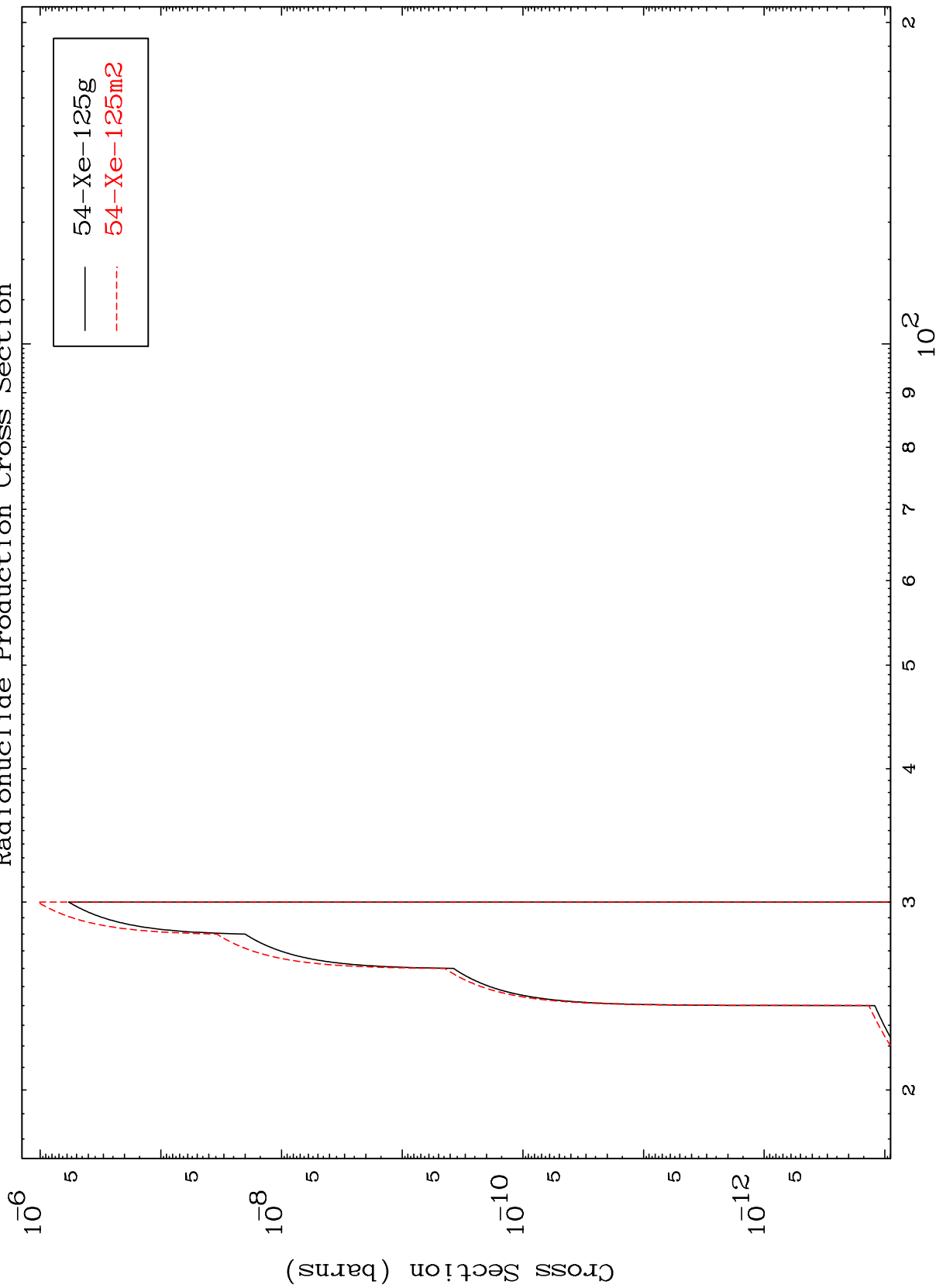


MAT 5629

$(\gamma, 2n) \alpha$

56-Ba-131

Radionuclide Production Cross Section



12

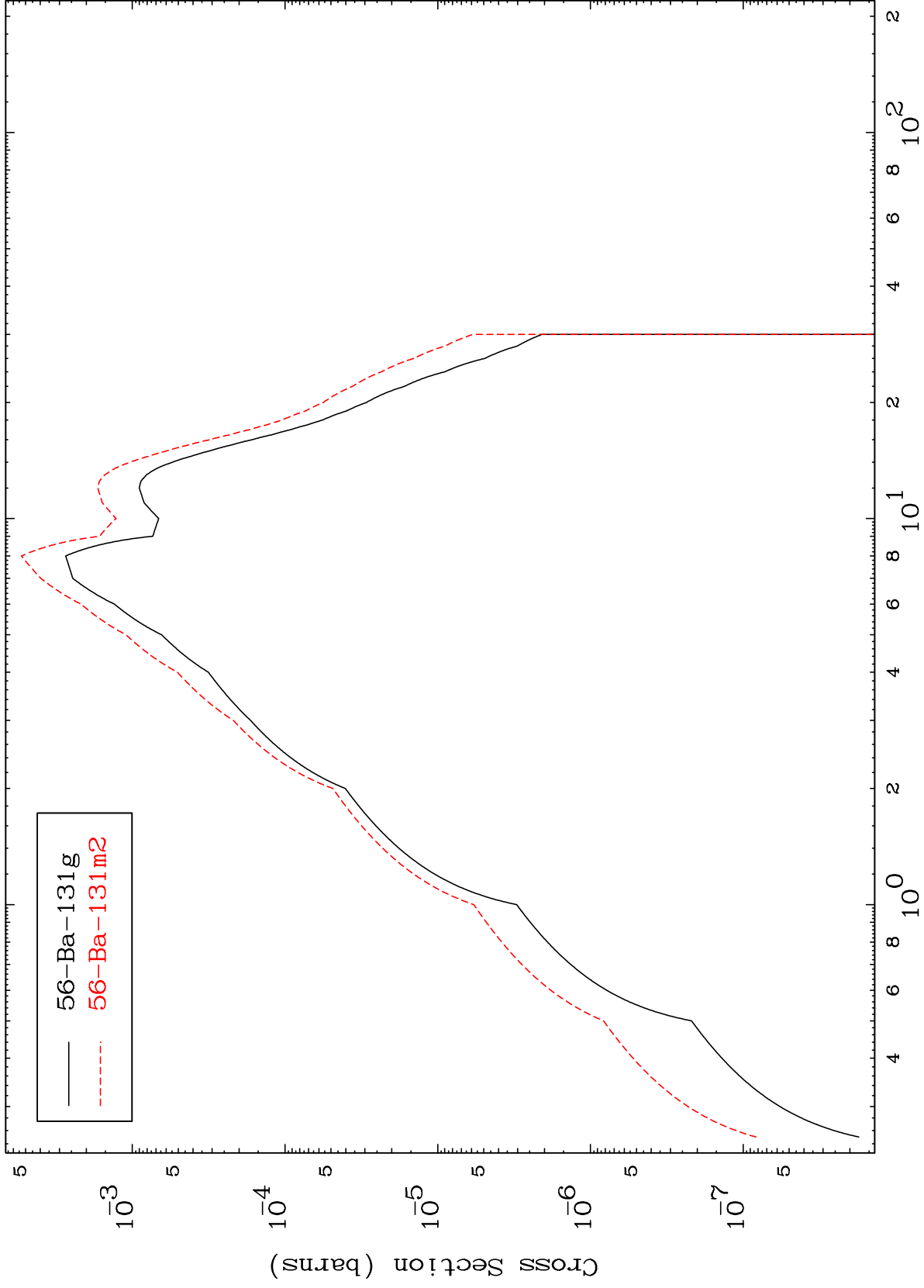
Incident Energy (MeV)

56-Ba-131

MAT 5629

56-Ba-131

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



56-Ba-131

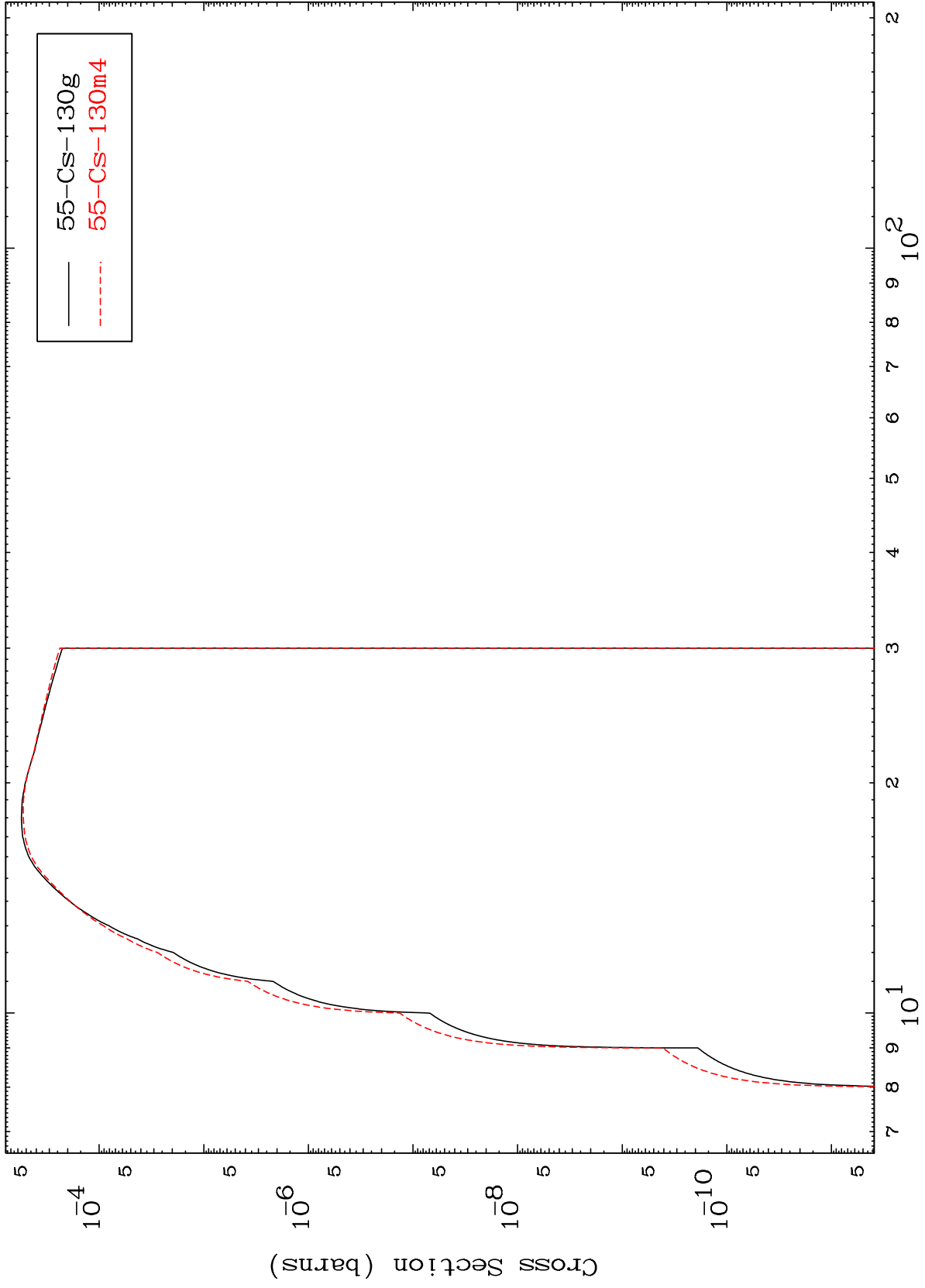
Incident Energy (MeV)

13

MAT 5629

56-Ba-131

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



14

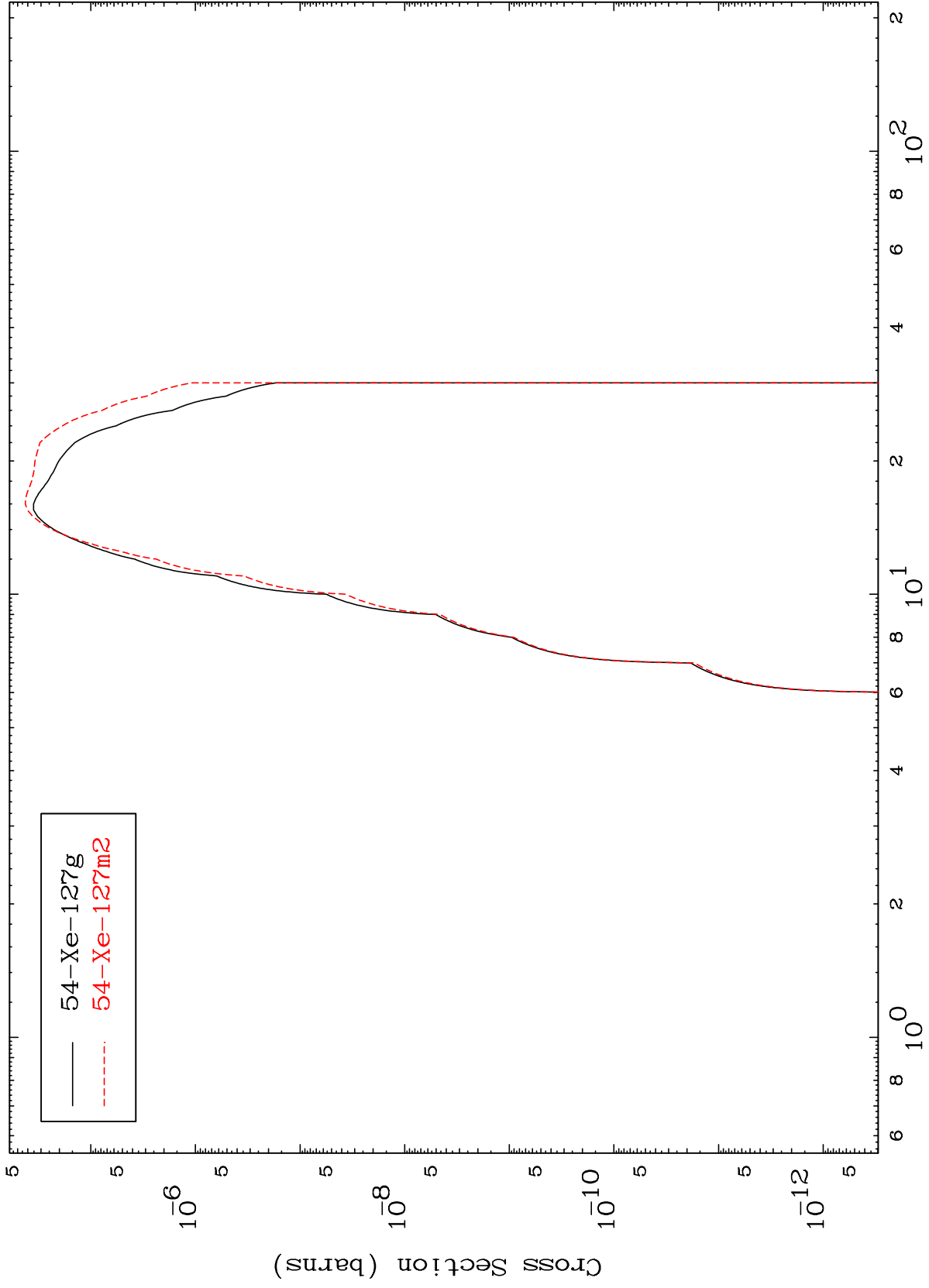
Incident Energy (MeV)

56-Ba-131

MAT 5629

56-Ba-131

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



54-Xe-127g  
54-Xe-127m2

15

Incident Energy (MeV)

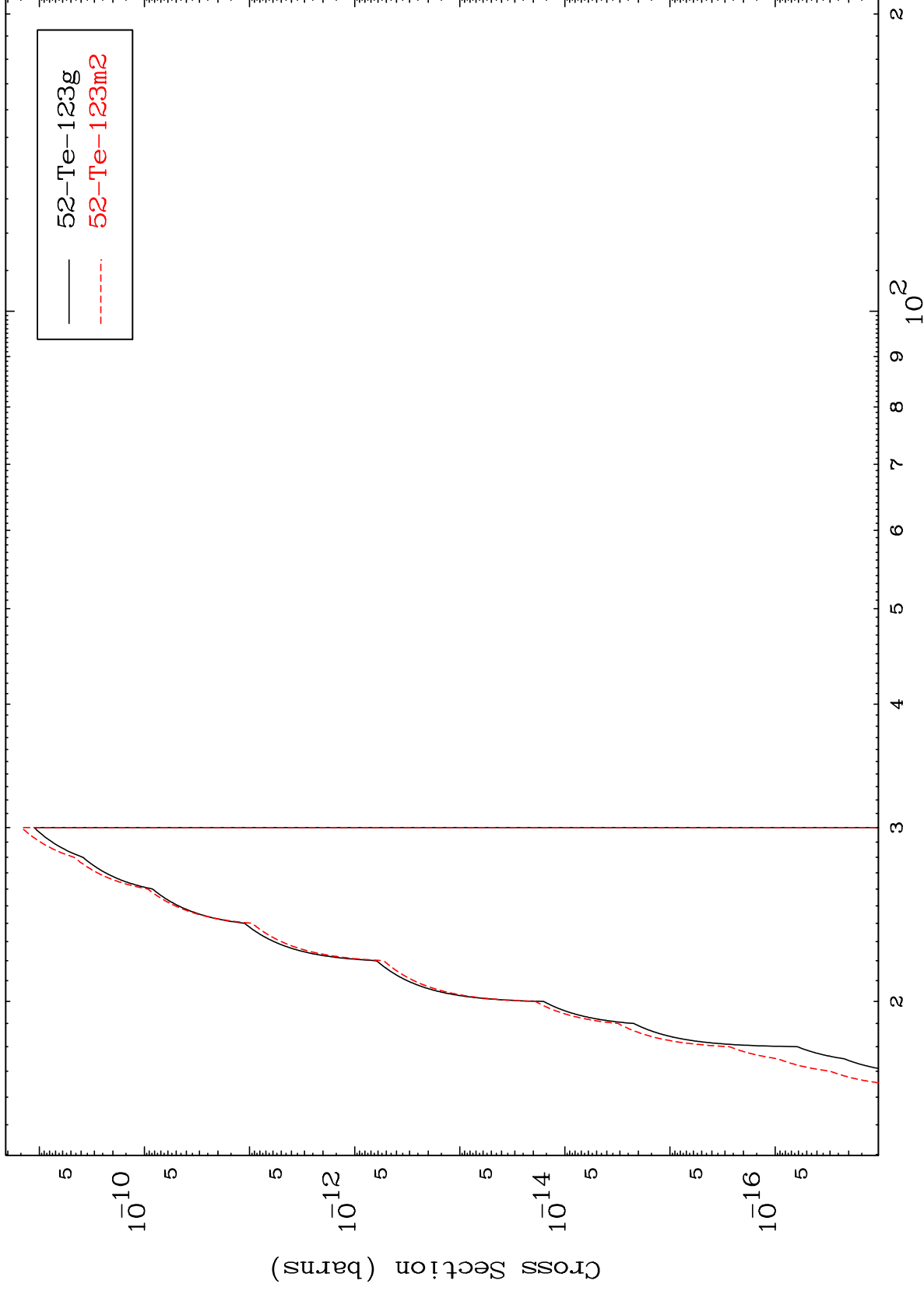
56-Ba-131



MAT 5629

56-Ba-131

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



16

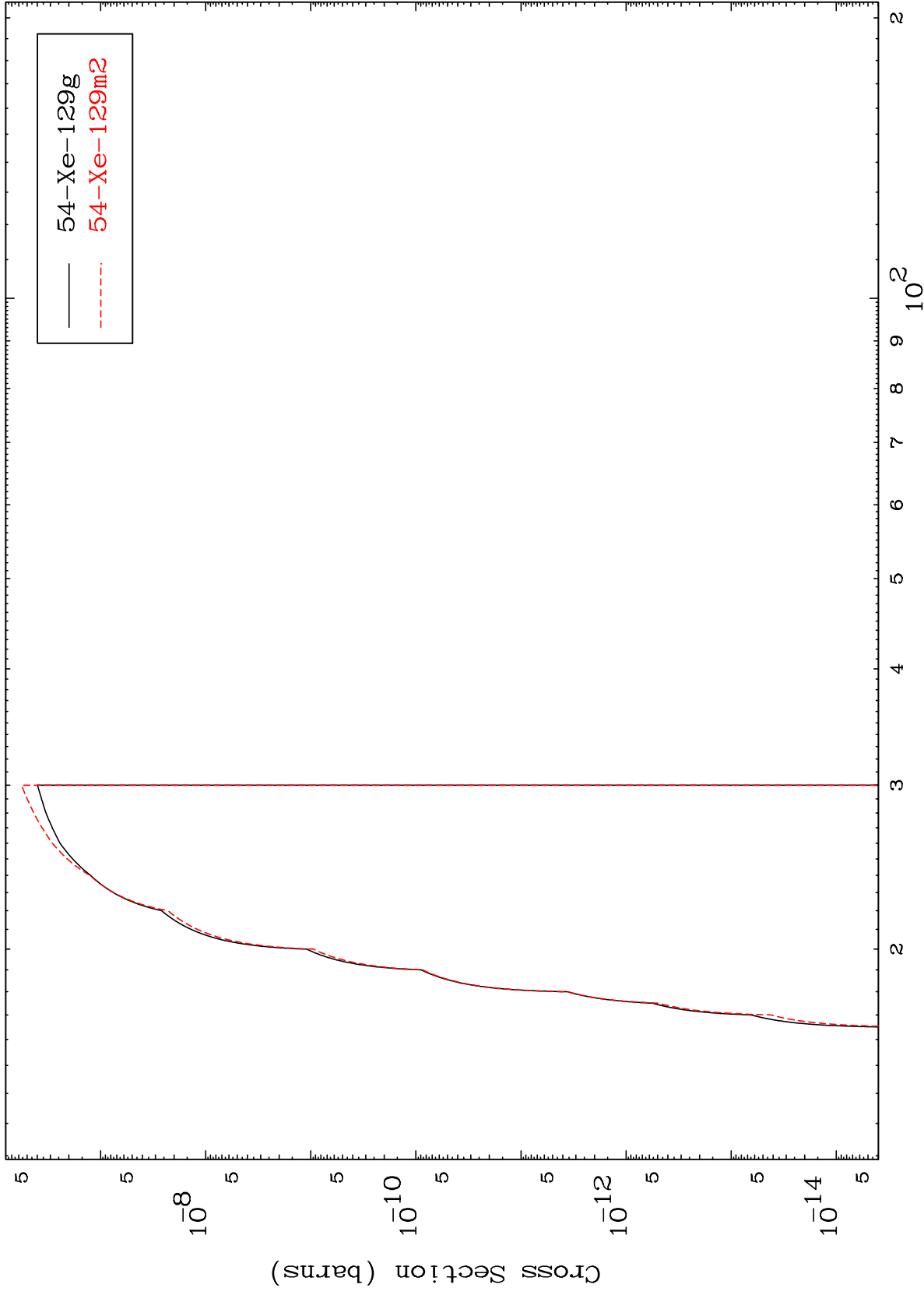
56-Ba-131

Incident Energy (MeV)

MAT 5629

56-Ba-131

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



17

Incident Energy (MeV)

56-Ba-131