

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

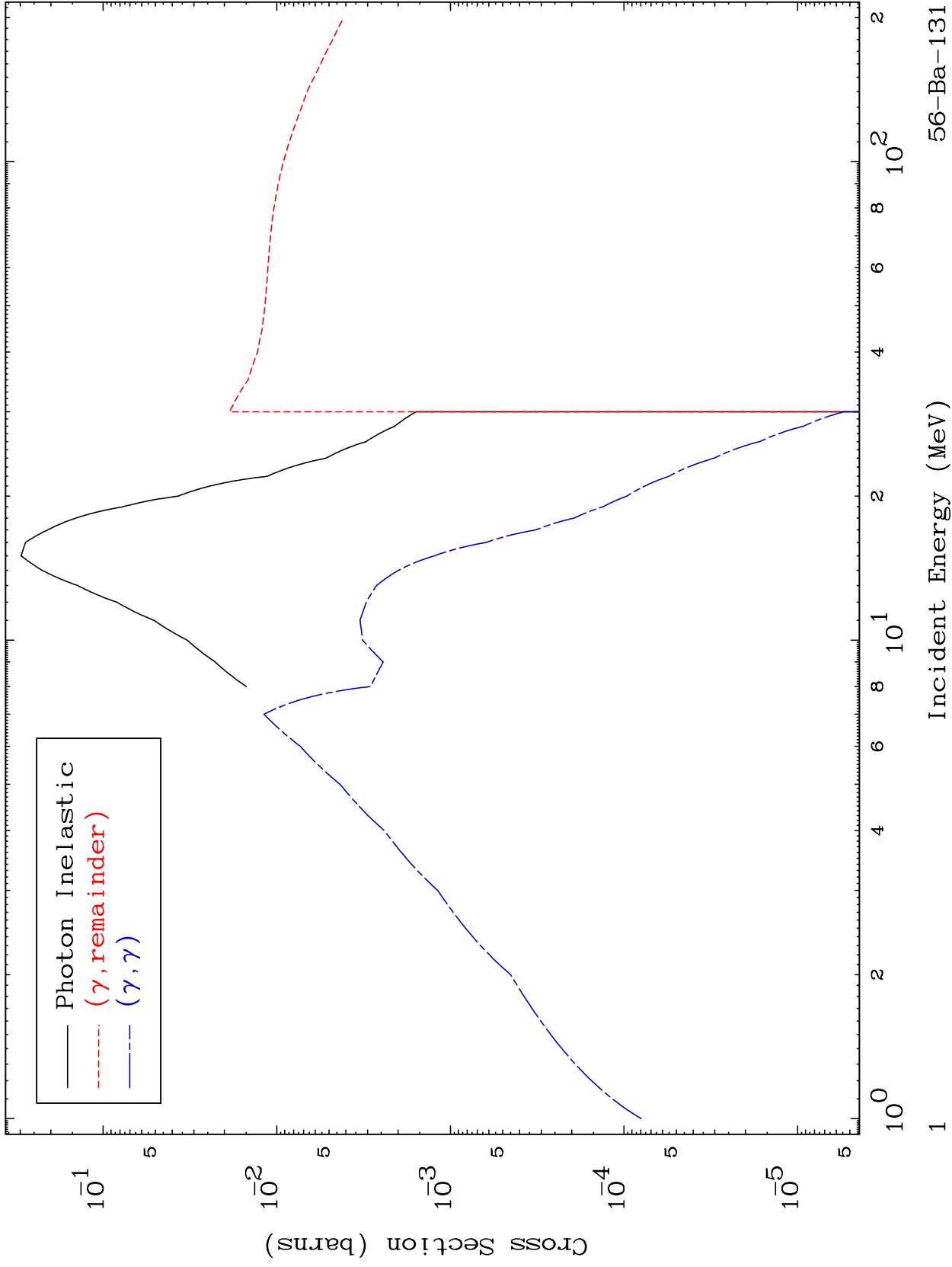
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5628

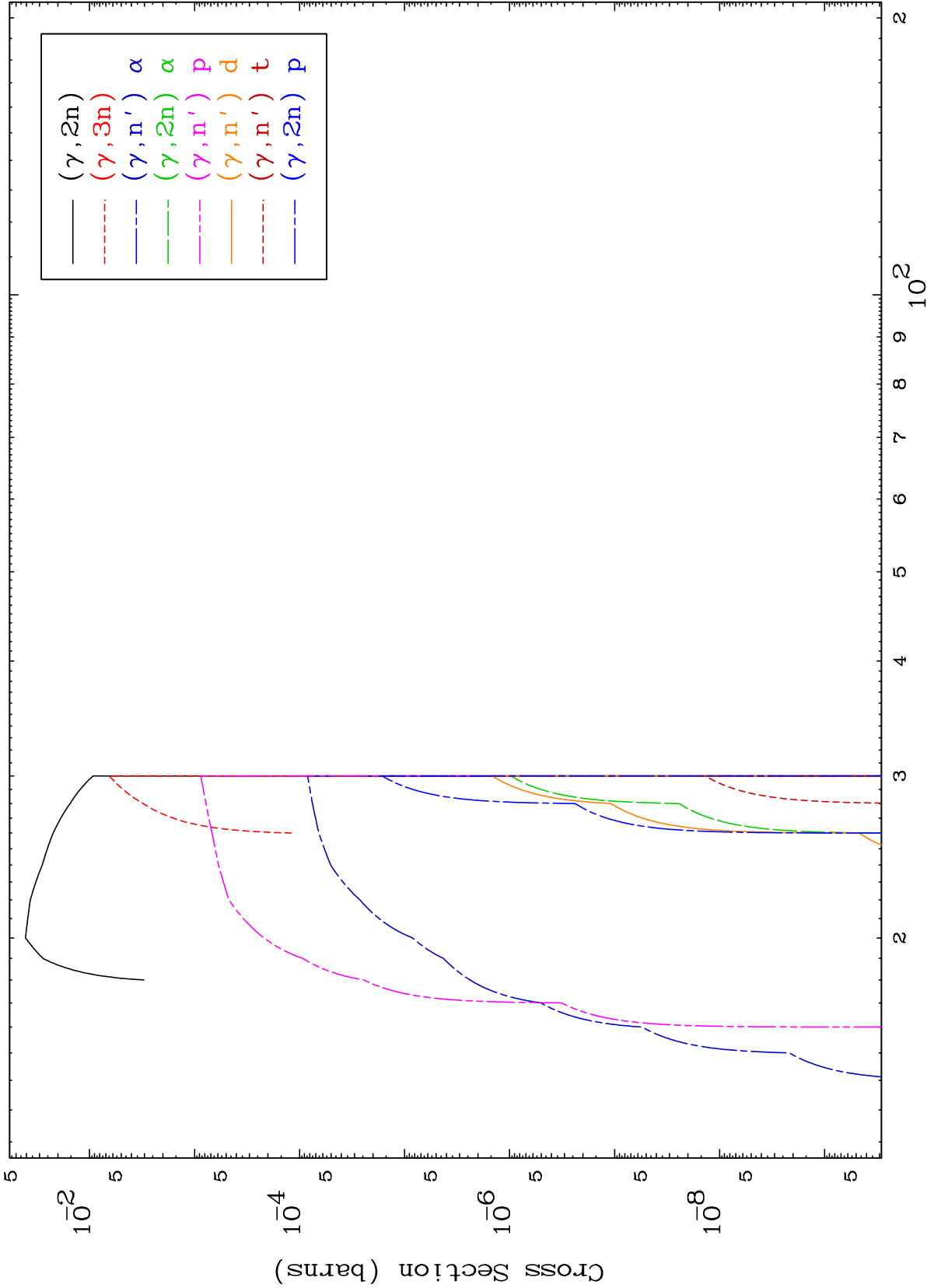
Photon Major  
0 Kelvin Cross Sections

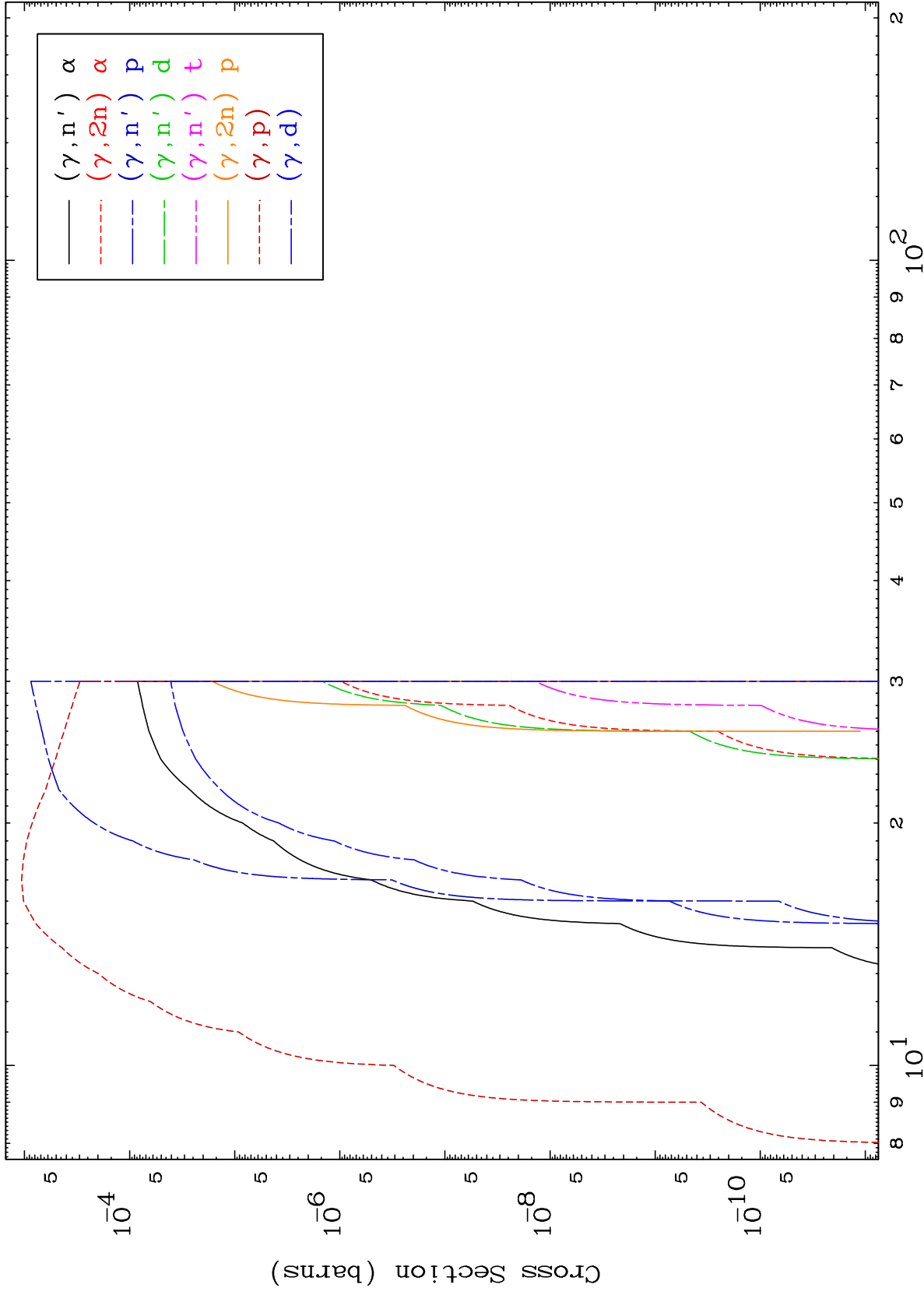
56-Ba-131



56-Ba-131

Incident Energy (MeV)

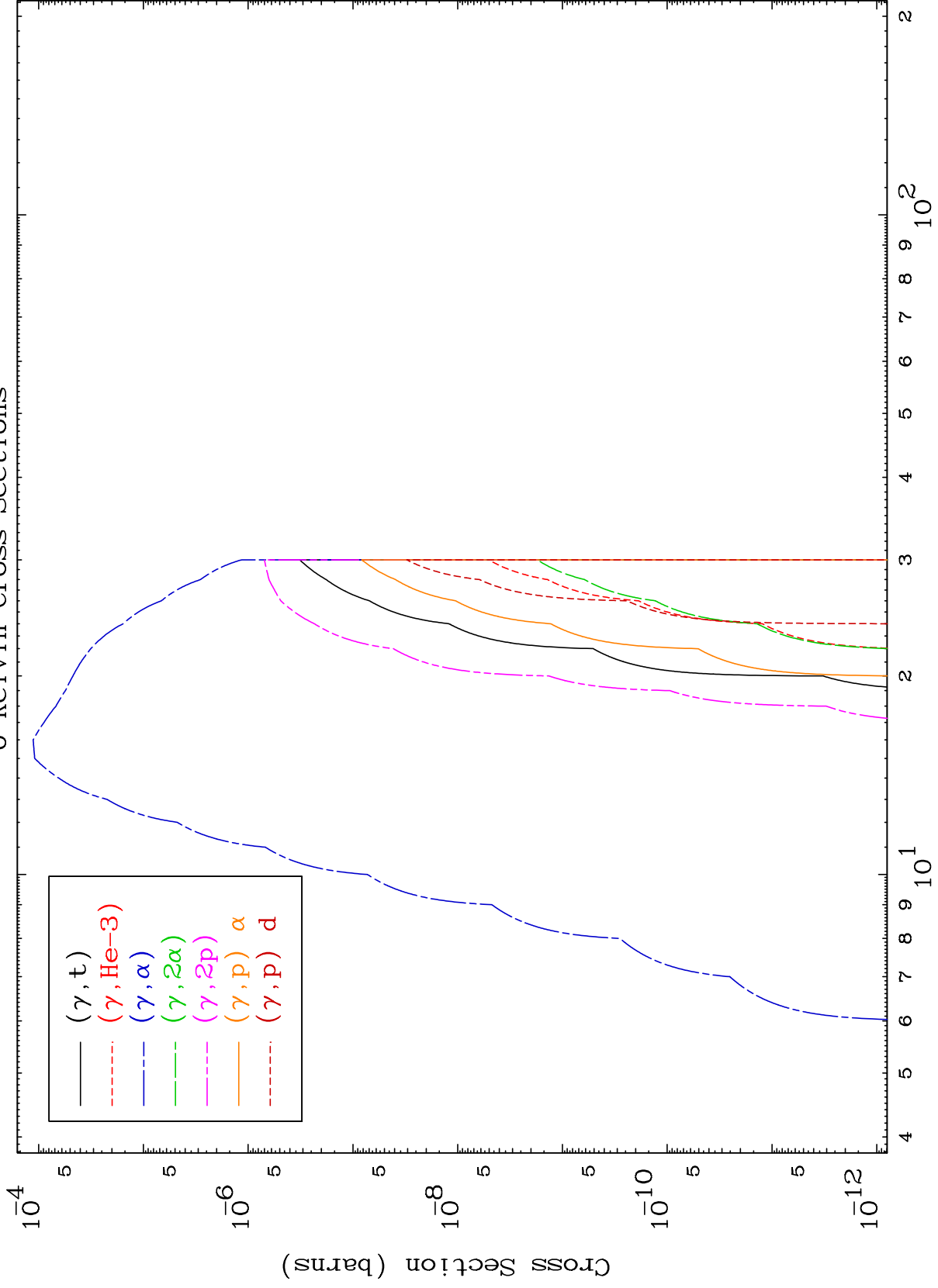




MAT 5628

Photon Charged Particle  
0 Kelvin Cross Sections

56-Ba-131



4

Incident Energy (MeV)

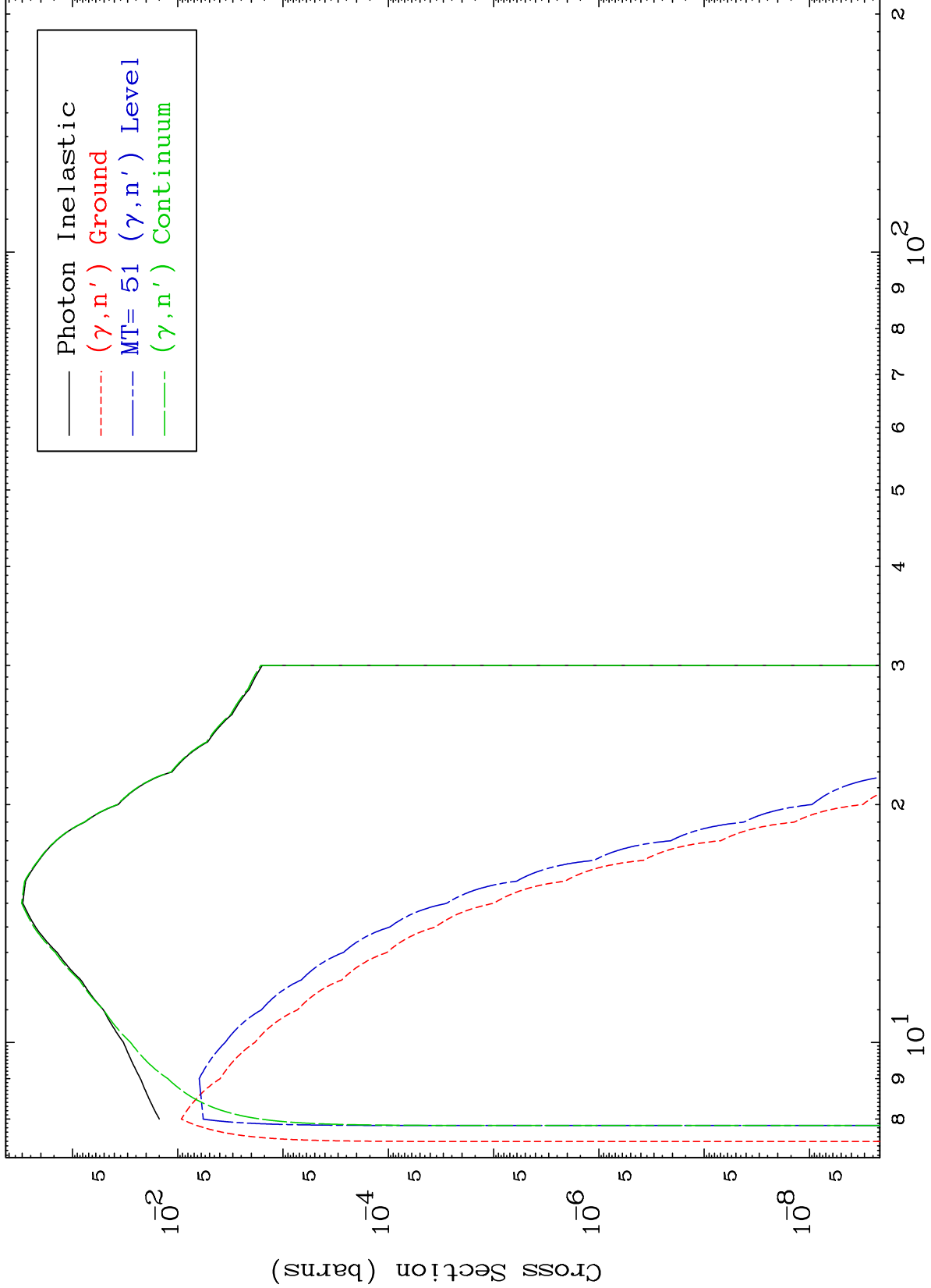
56-Ba-131

MAT 5628

$(\gamma, n')$  Level

56-Ba-131

0 Kelvin Cross Sections



5

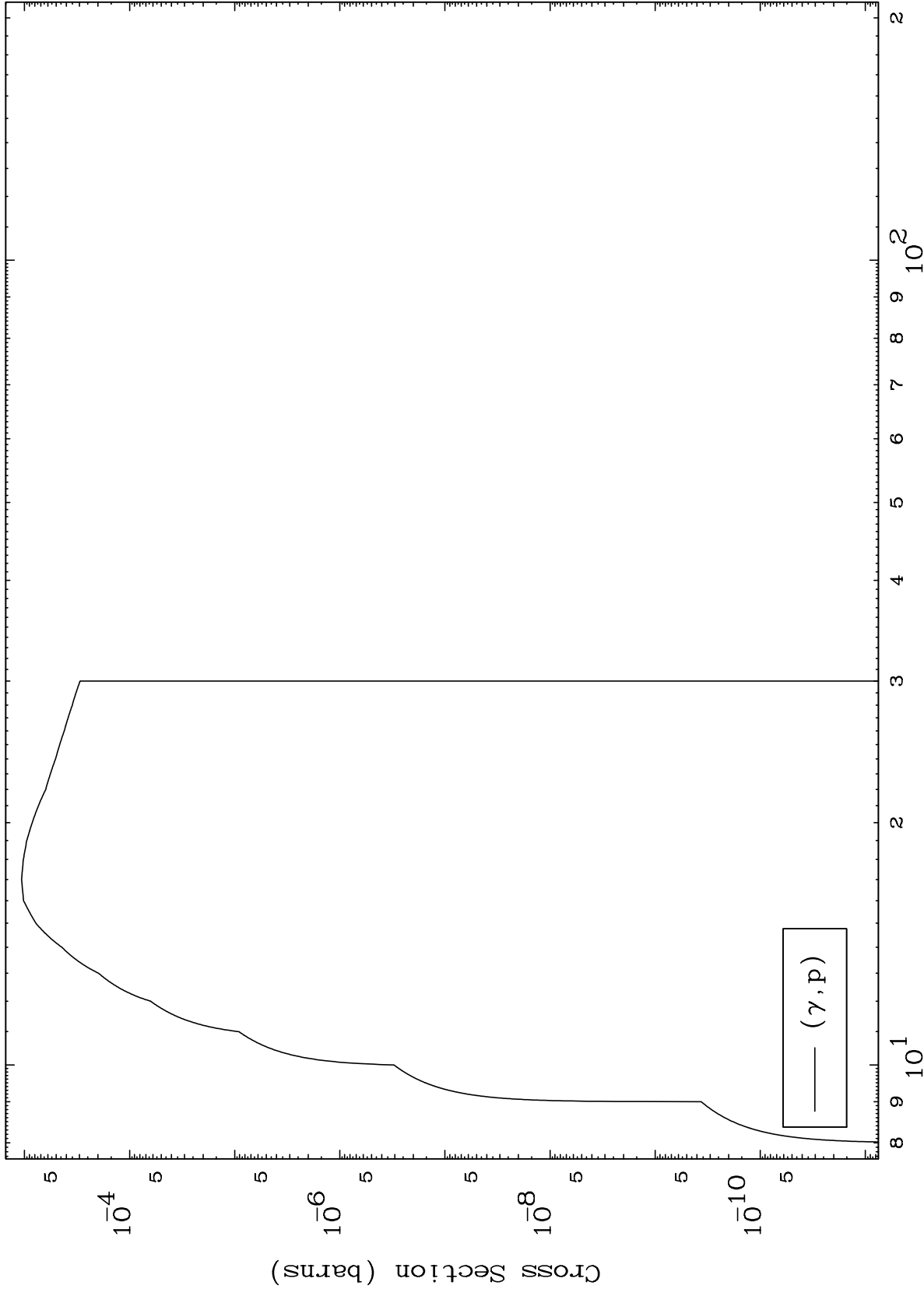
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

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



56-Ba-131

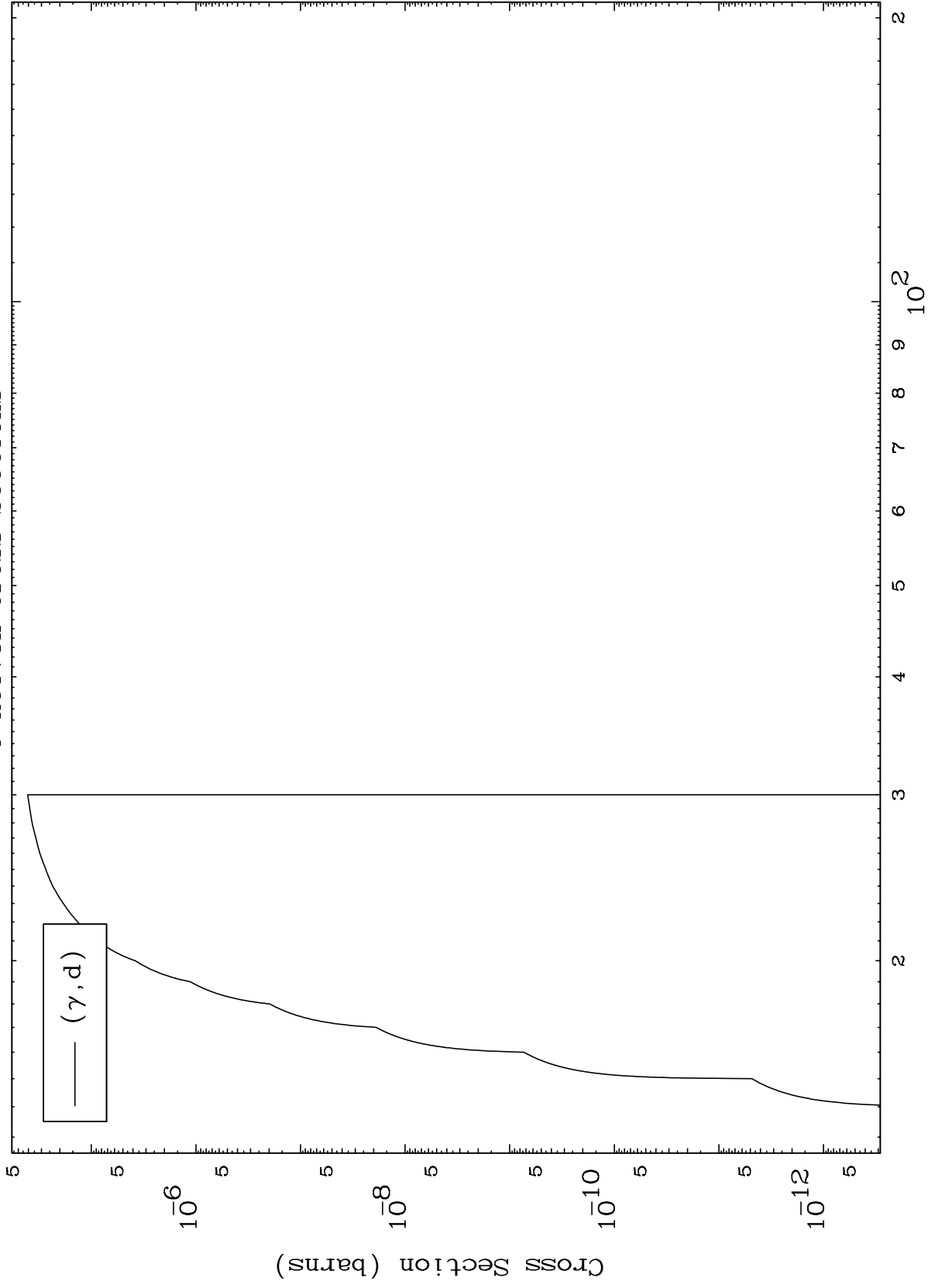
Incident Energy (MeV)

6

MAT 5628

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

56-Ba-131



7

Incident Energy (MeV)

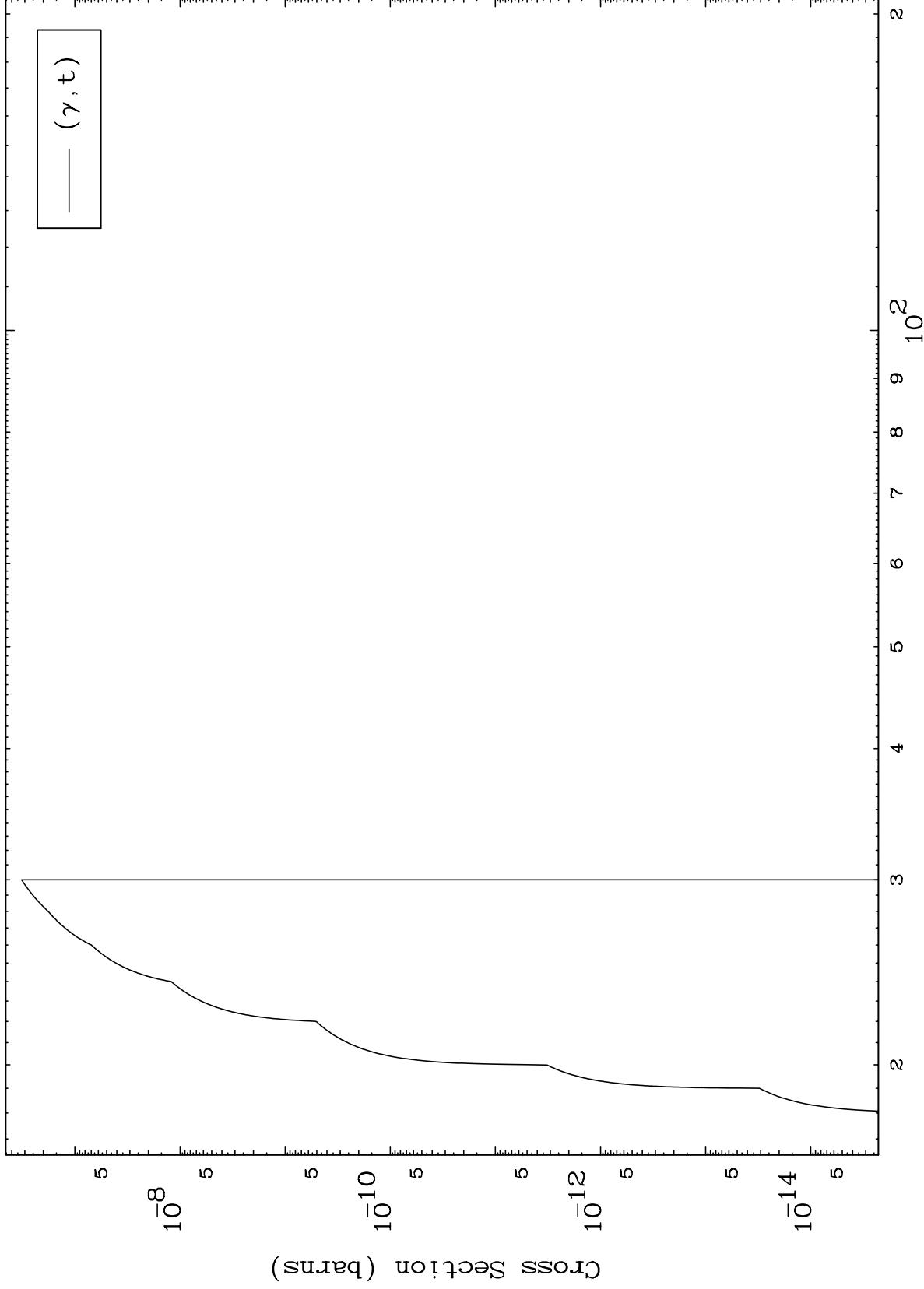
56-Ba-131



MAT 5628

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

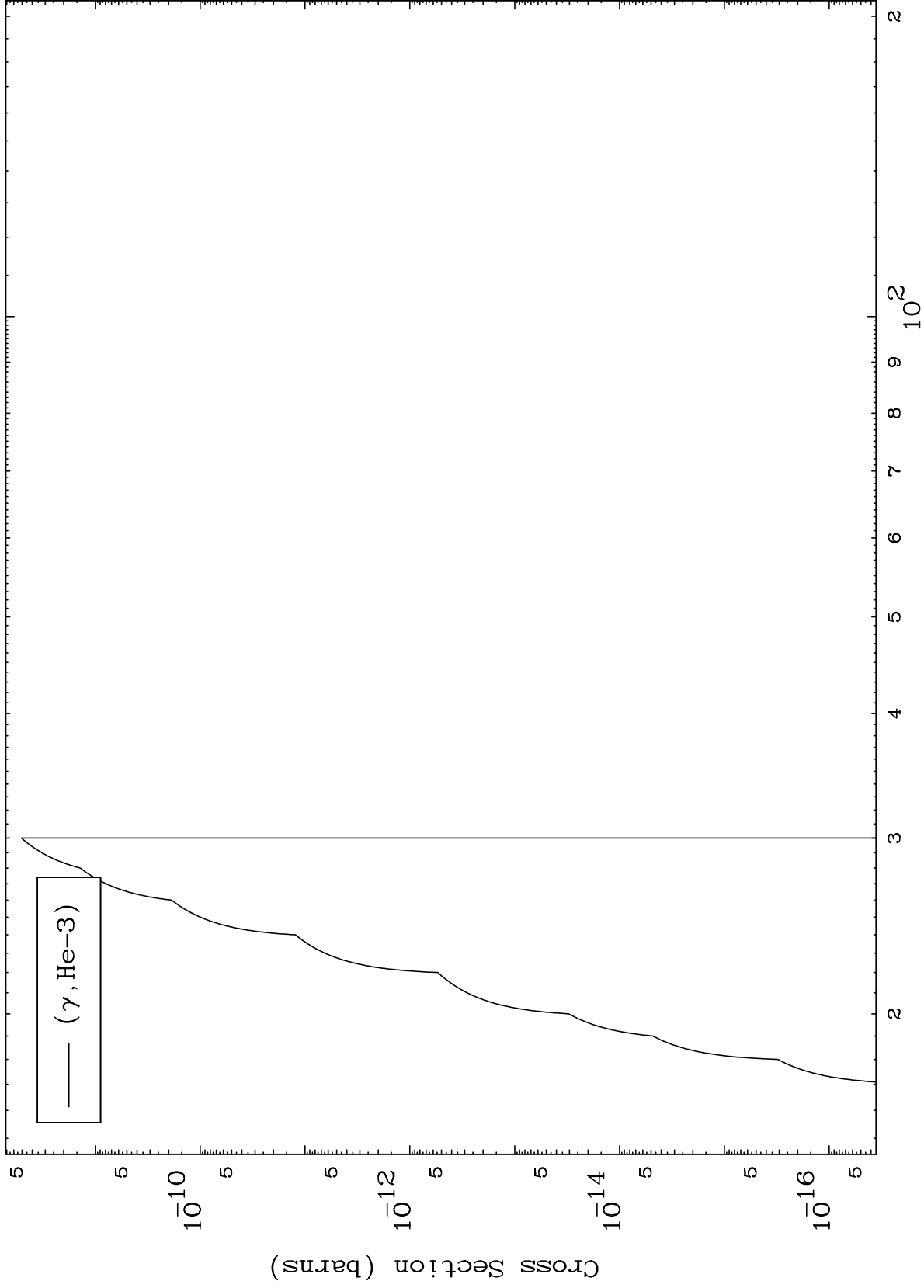
56-Ba-131



8

Incident Energy (MeV)

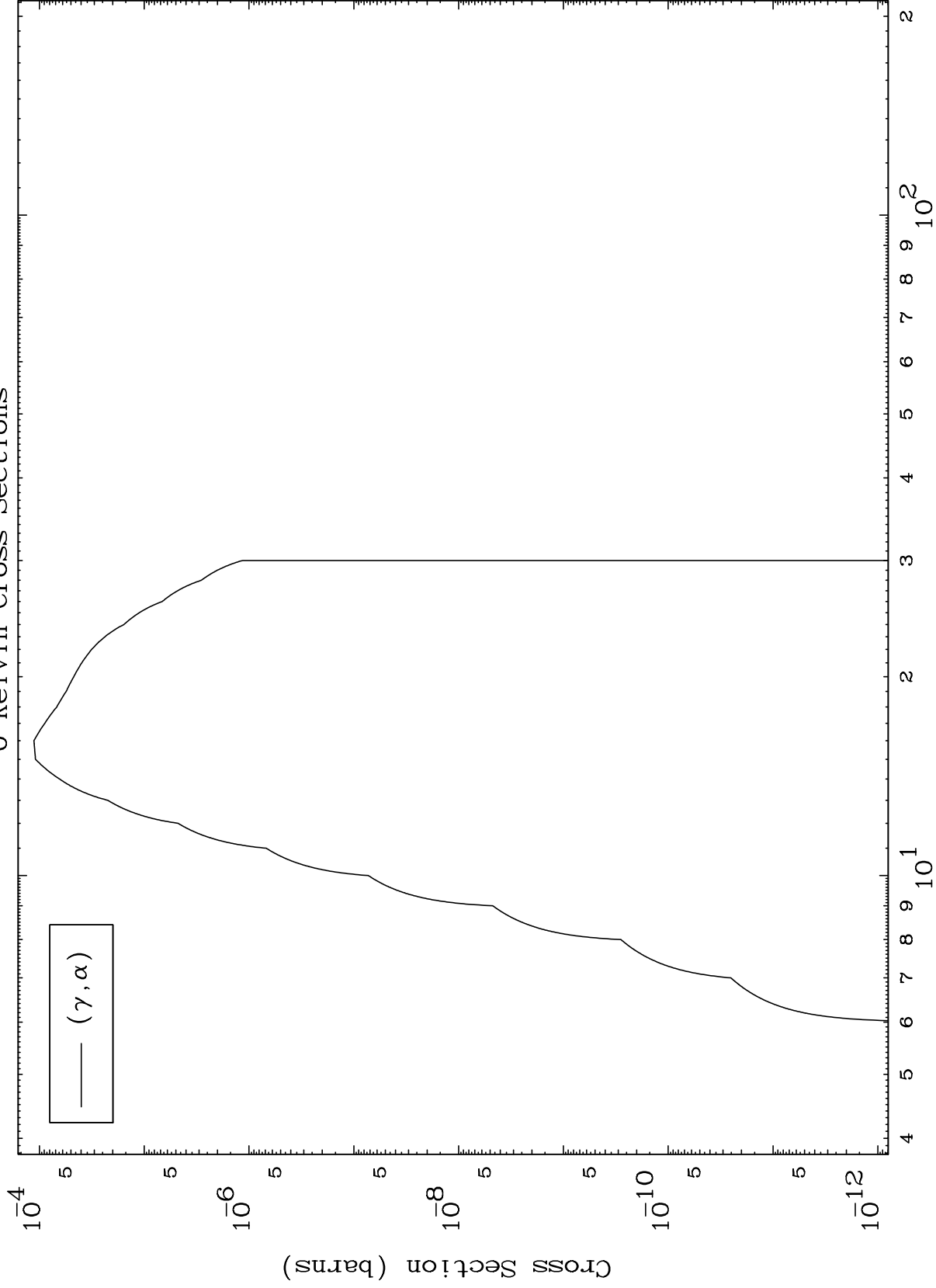
56-Ba-131



MAT 5628

56-Ba-131

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



56-Ba-131

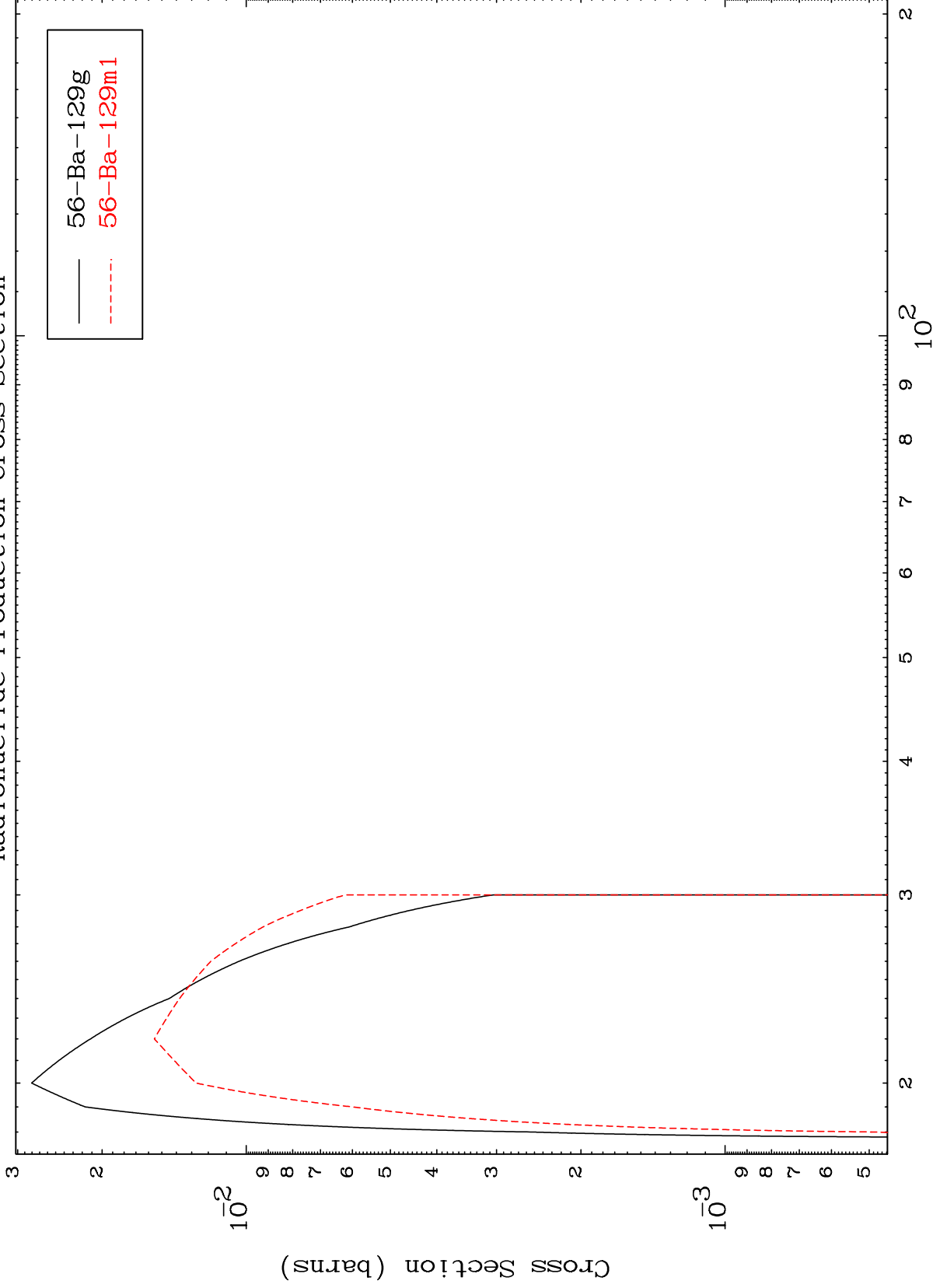
Incident Energy (MeV)

10

MAT 5628

56-Ba-131

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



11

Incident Energy (MeV)

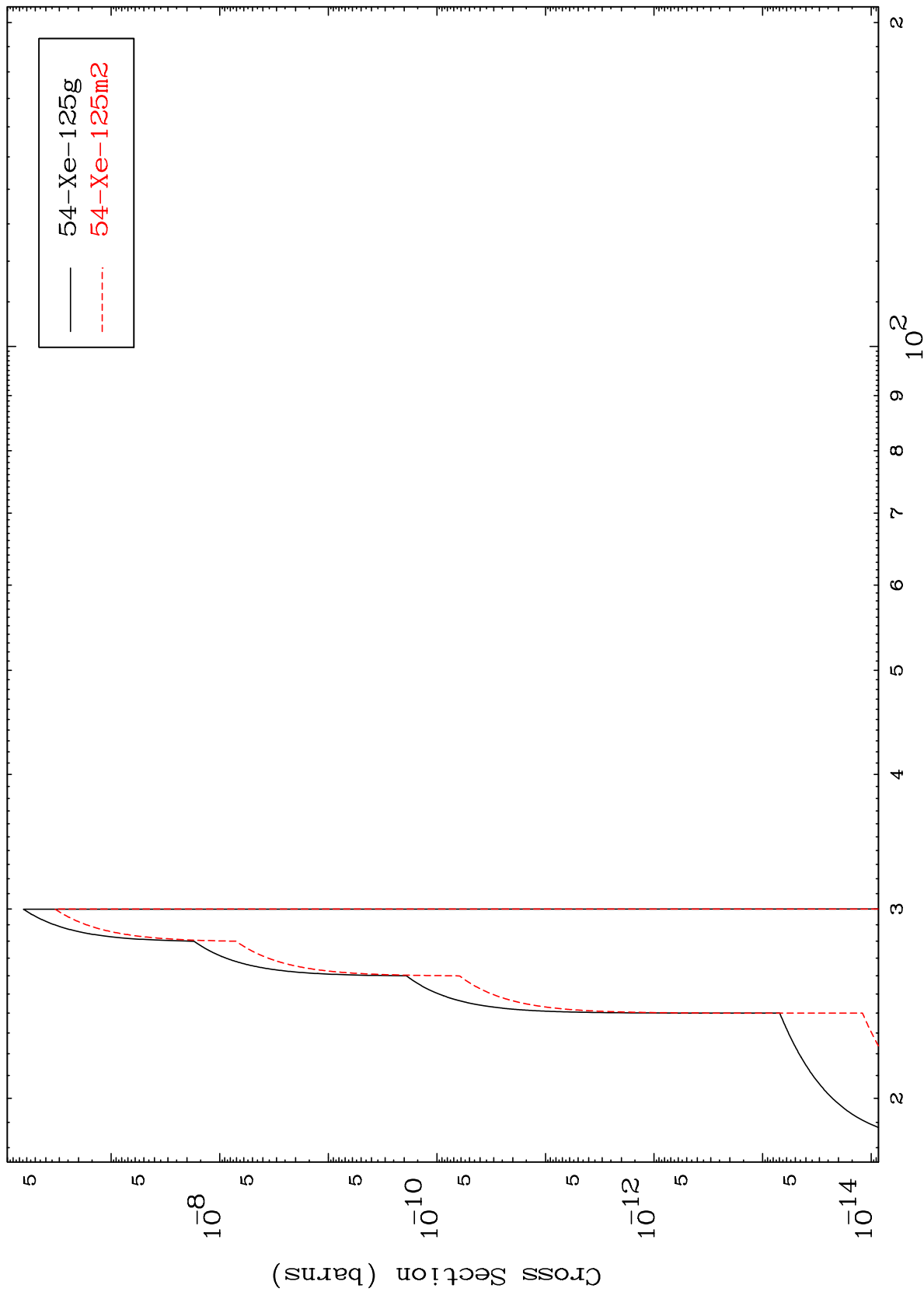
56-Ba-131

MAT 5628

$(\gamma, 2n) \alpha$

56-Ba-131

Radionuclide Production Cross Section



12

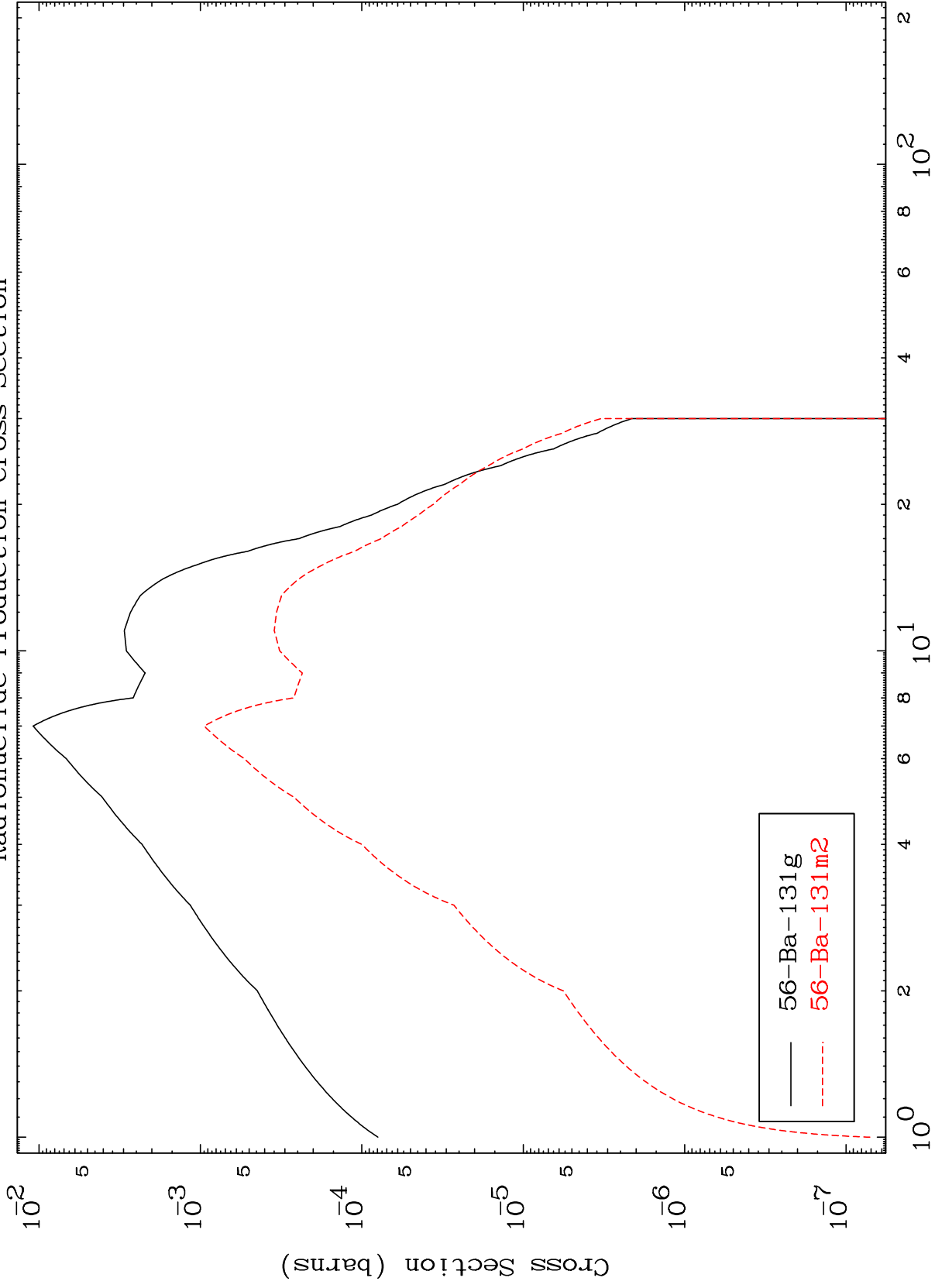
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

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



56-Ba-131

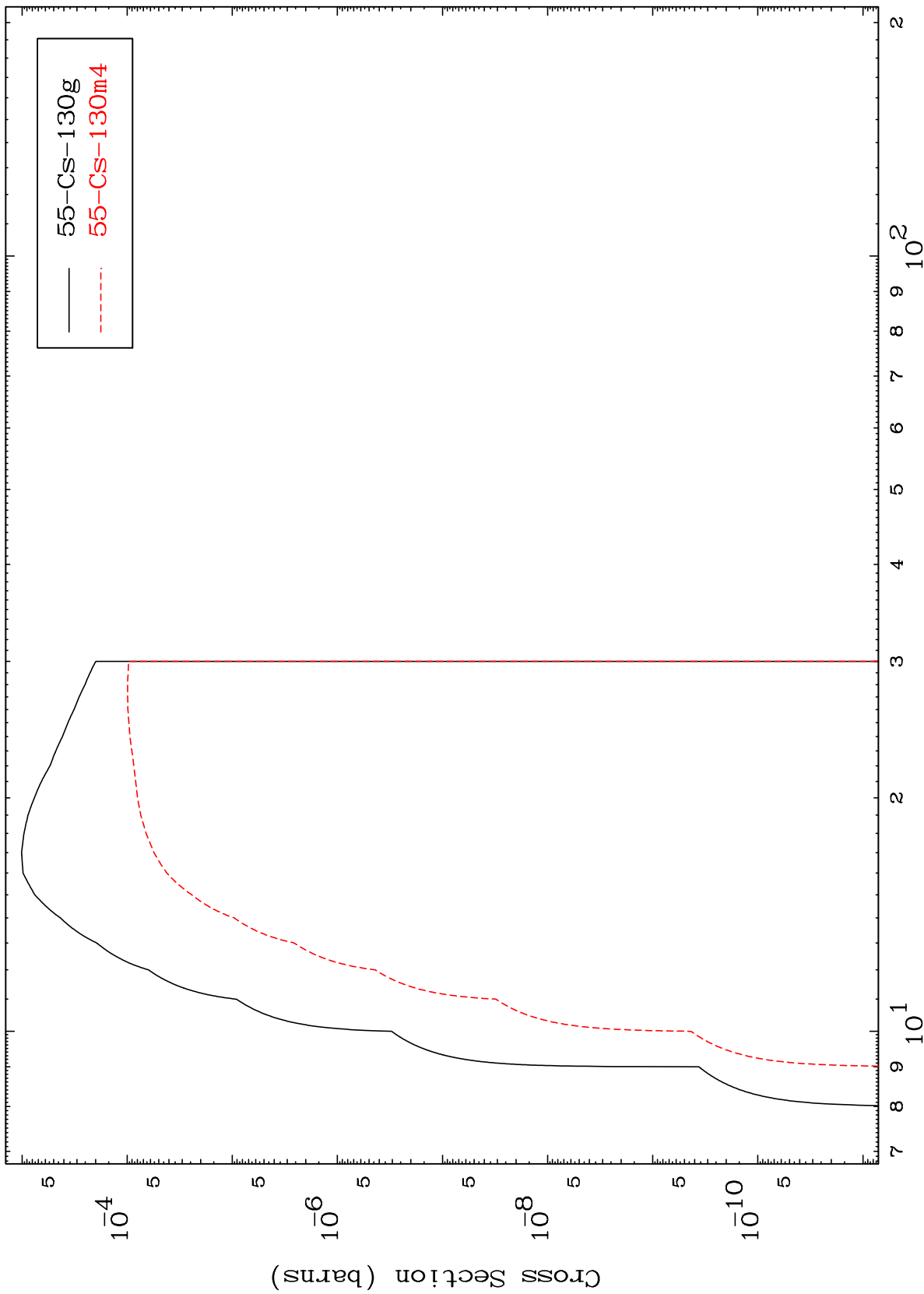
Incident Energy (MeV)

13

MAT 5628

56-Ba-131

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



56-Ba-131

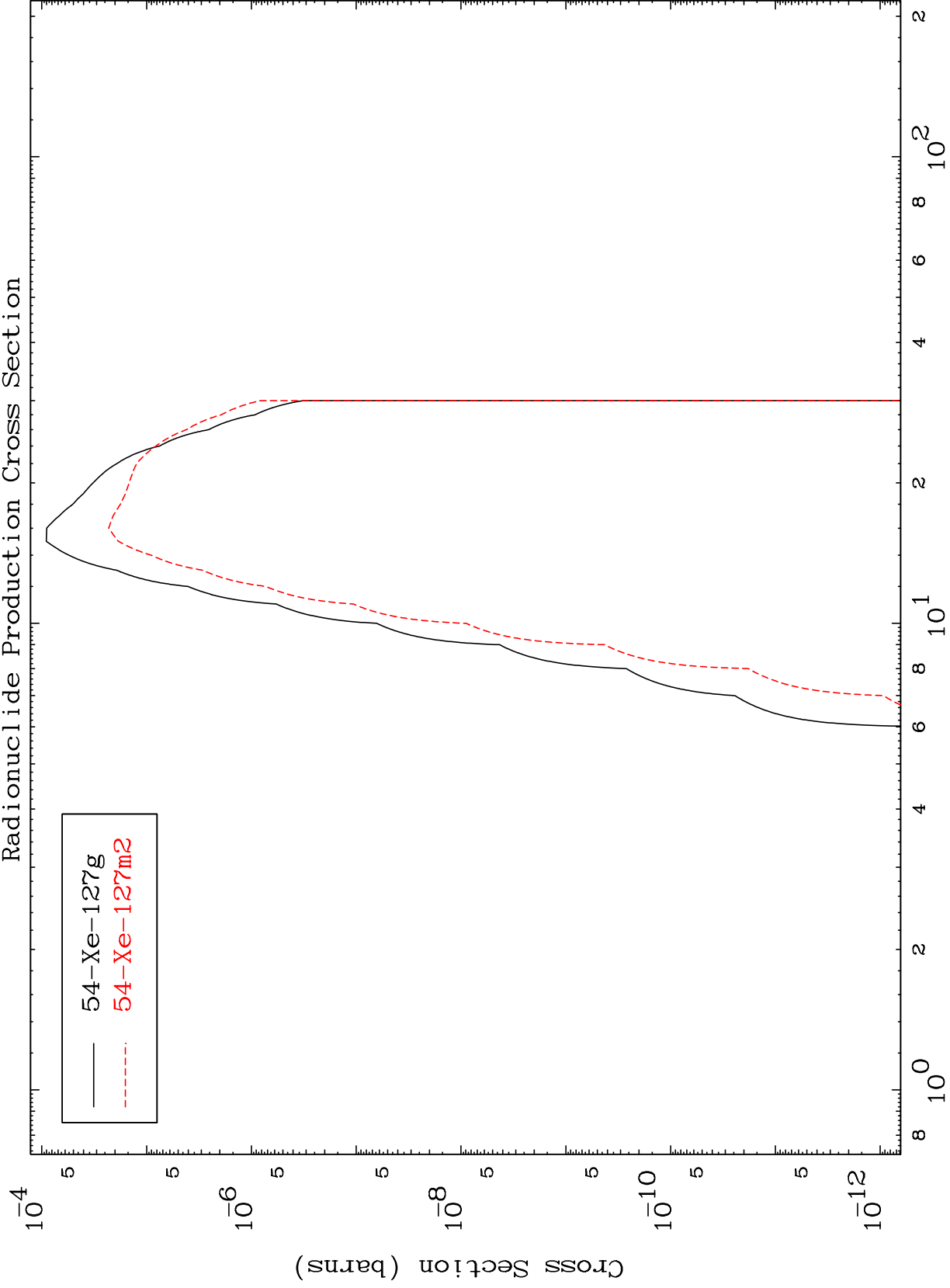
Incident Energy (MeV)

14

MAT 5628

56-Ba-131

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



15

Incident Energy (MeV)

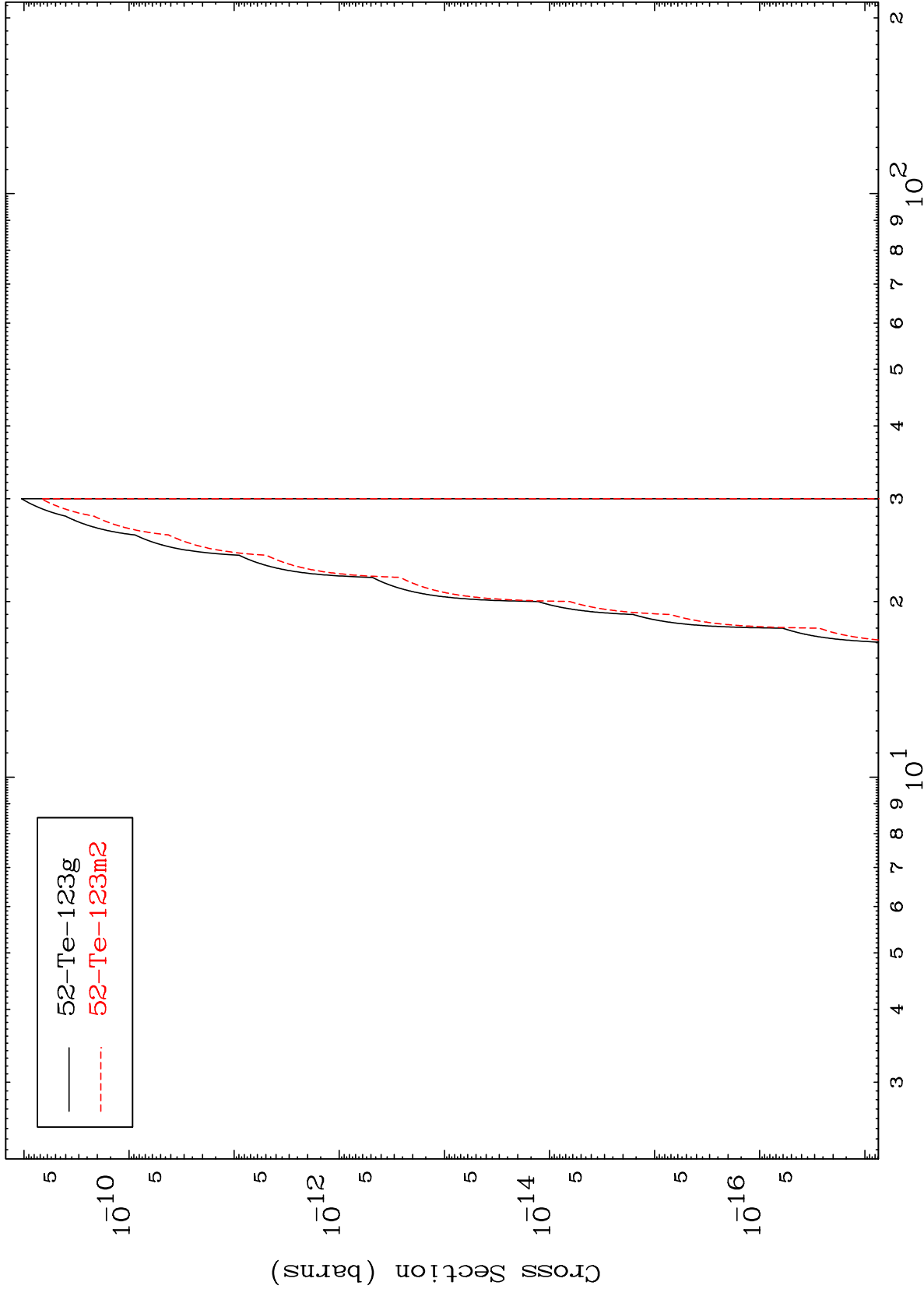
56-Ba-131



MAT 5628

56-Ba-131

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



— 52-Te-123g  
- - - 52-Te-123m2

56-Ba-131

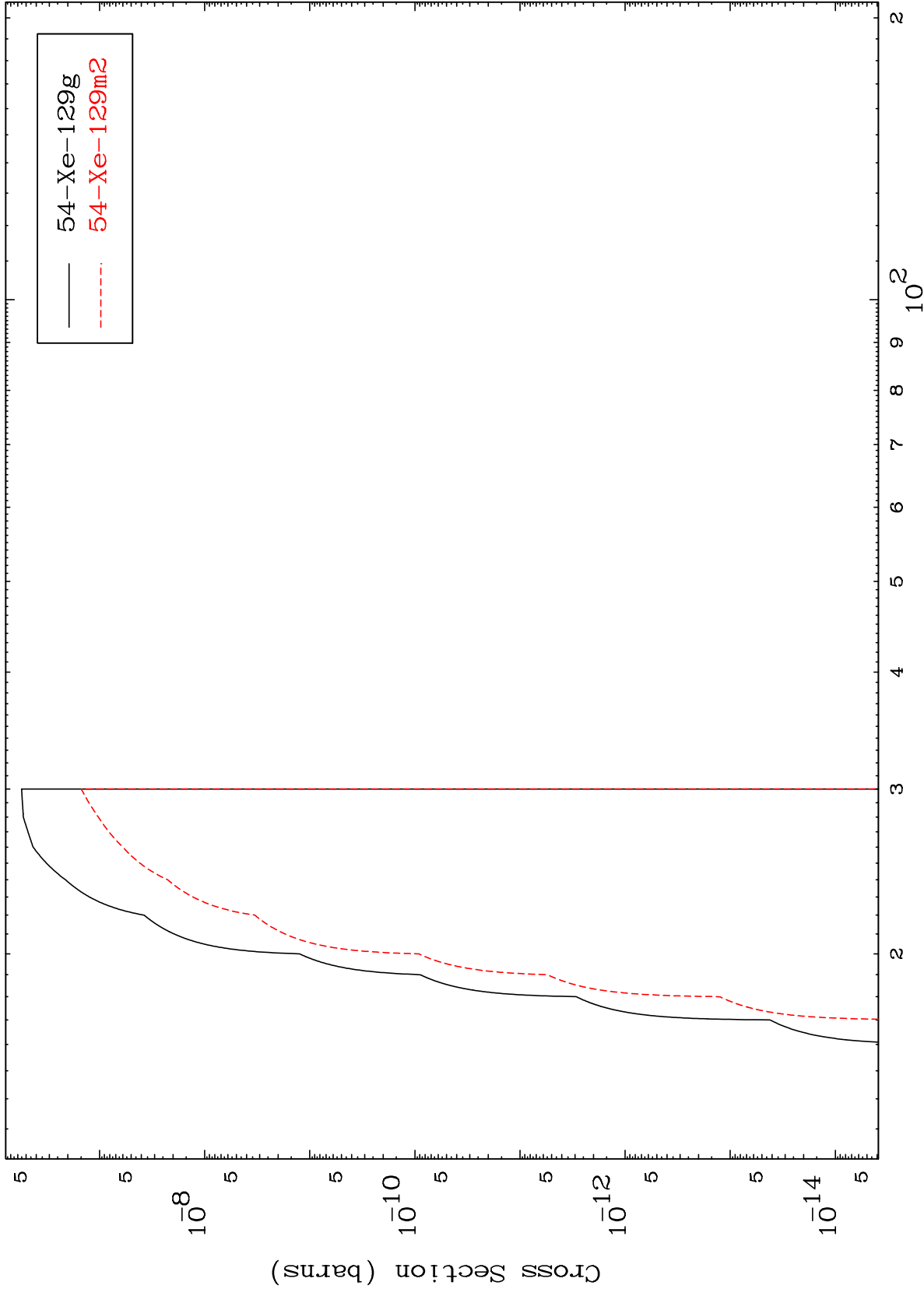
Incident Energy (MeV)

16

MAT 5628

56-Ba-131

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



17

56-Ba-131

Incident Energy (MeV)