

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

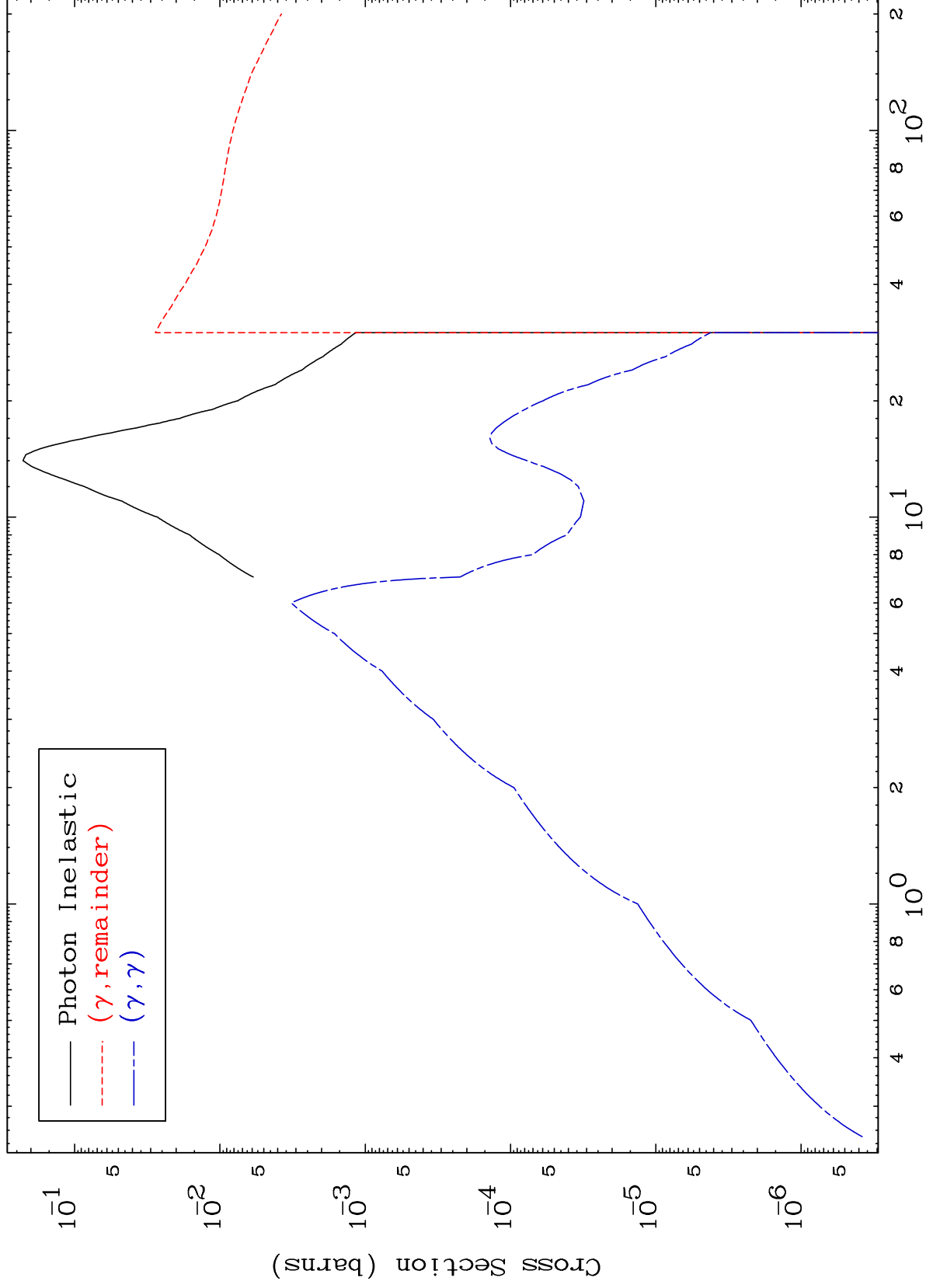
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5150

Photon Major  
0 Kelvin Cross Sections

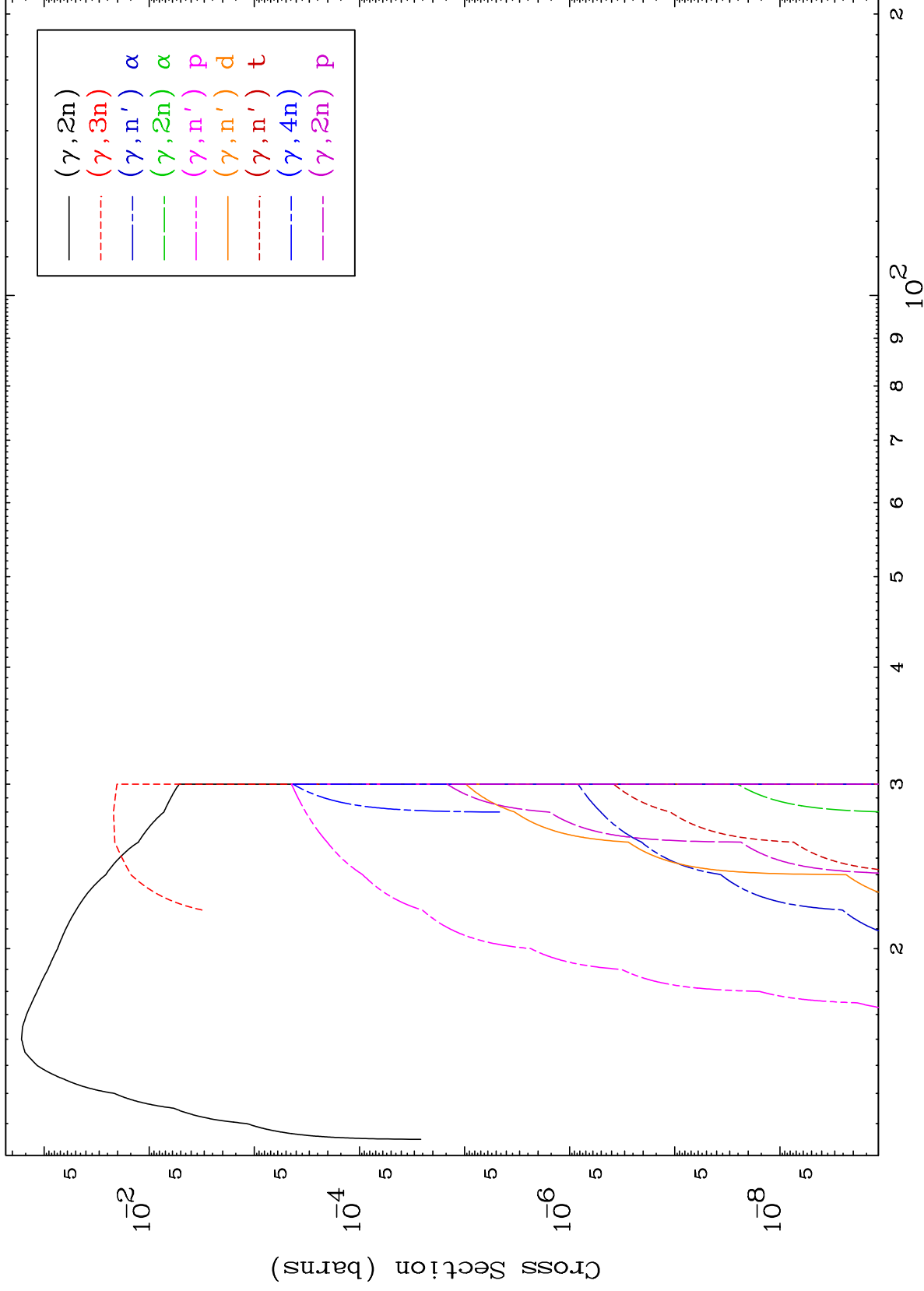
51-Sb-129

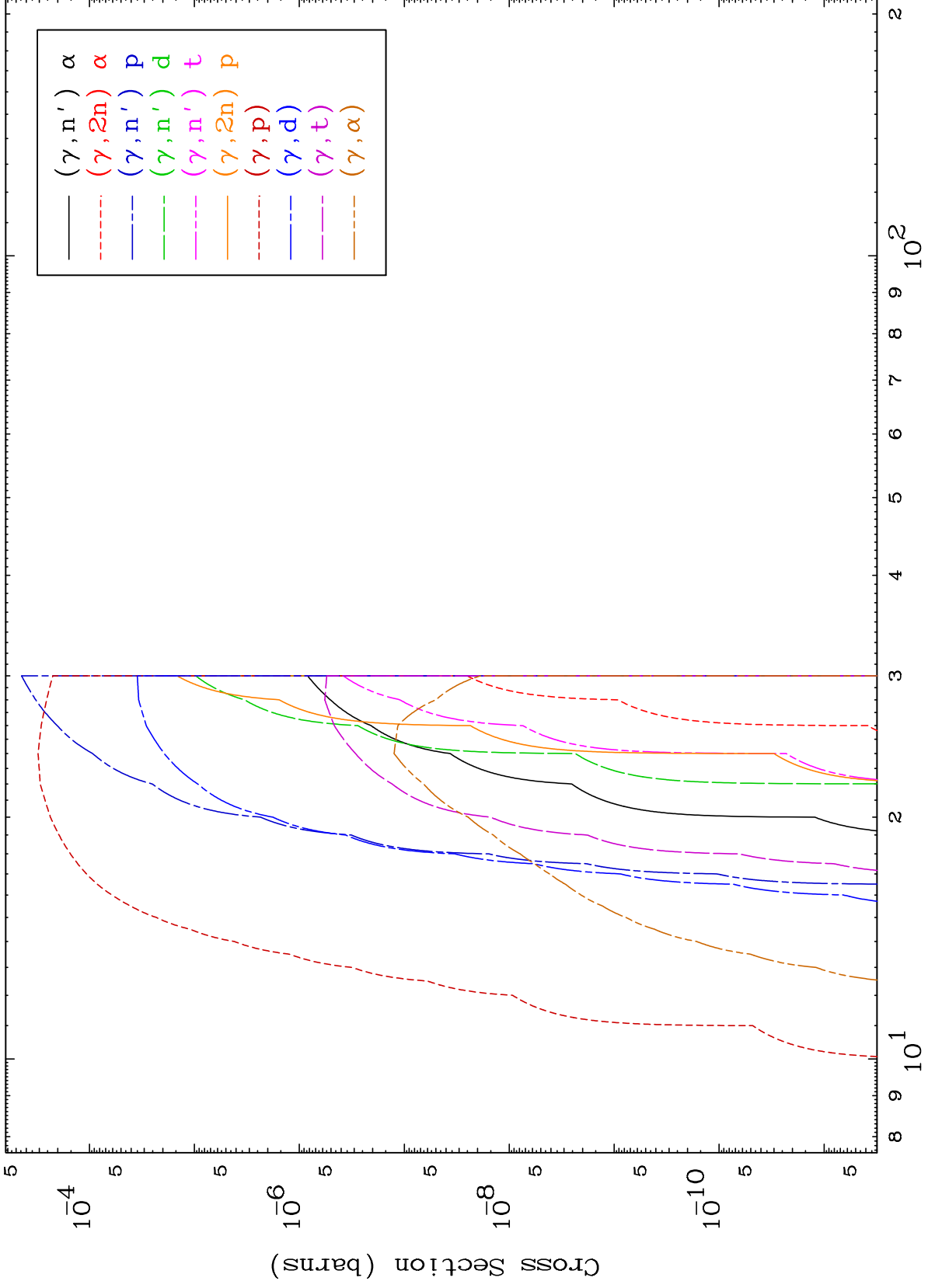


1

Incident Energy (MeV)

51-Sb-129



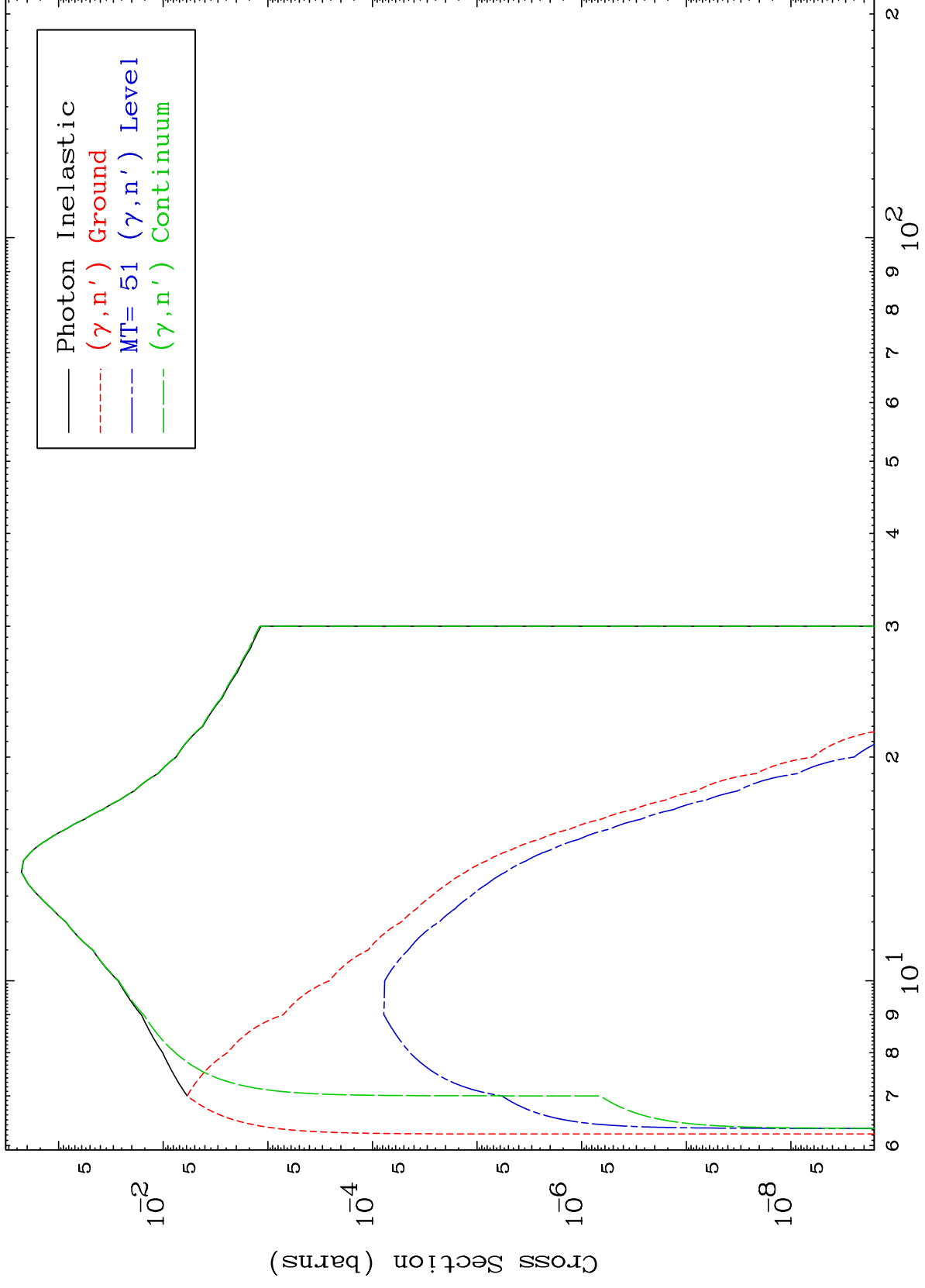


MAT 5150

( $\gamma, n'$ ) Level

51-Sb-129

0 Kelvin Cross Sections



4

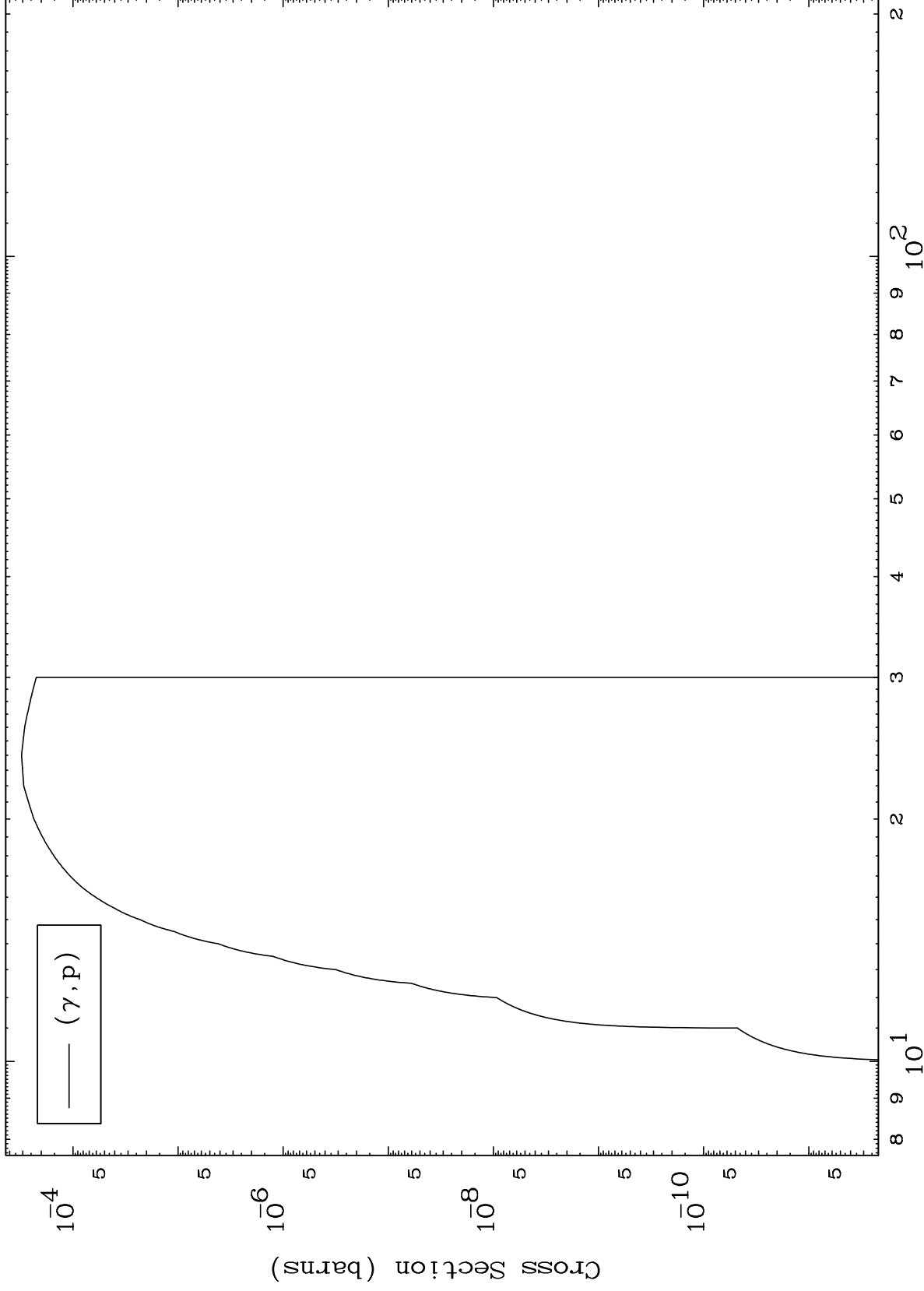
Incident Energy (MeV)

51-Sb-129

MAT 5150

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

51-Sb-129



5

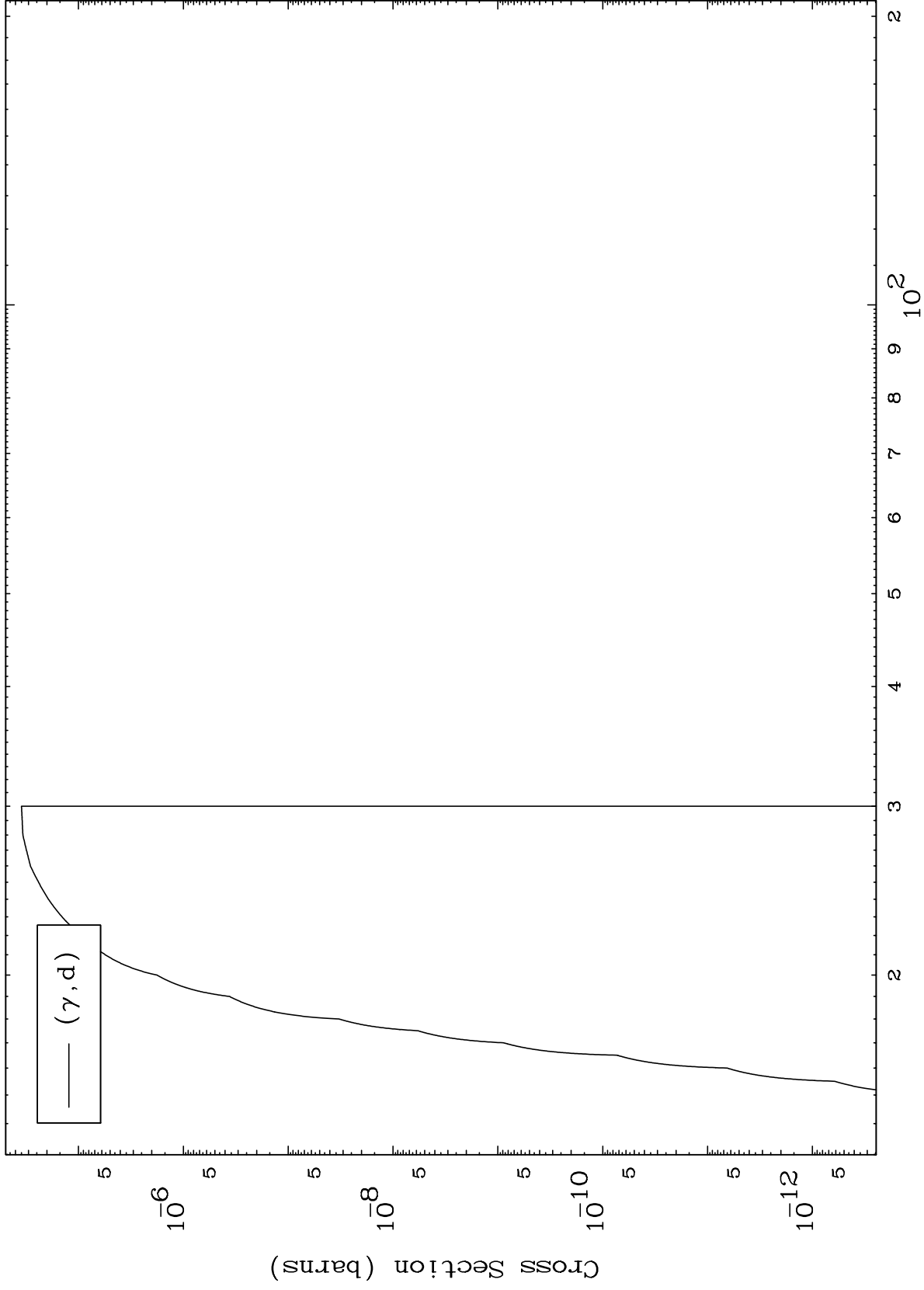
Incident Energy (MeV)

51-Sb-129

MAT 5150

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

51-Sb-129



6

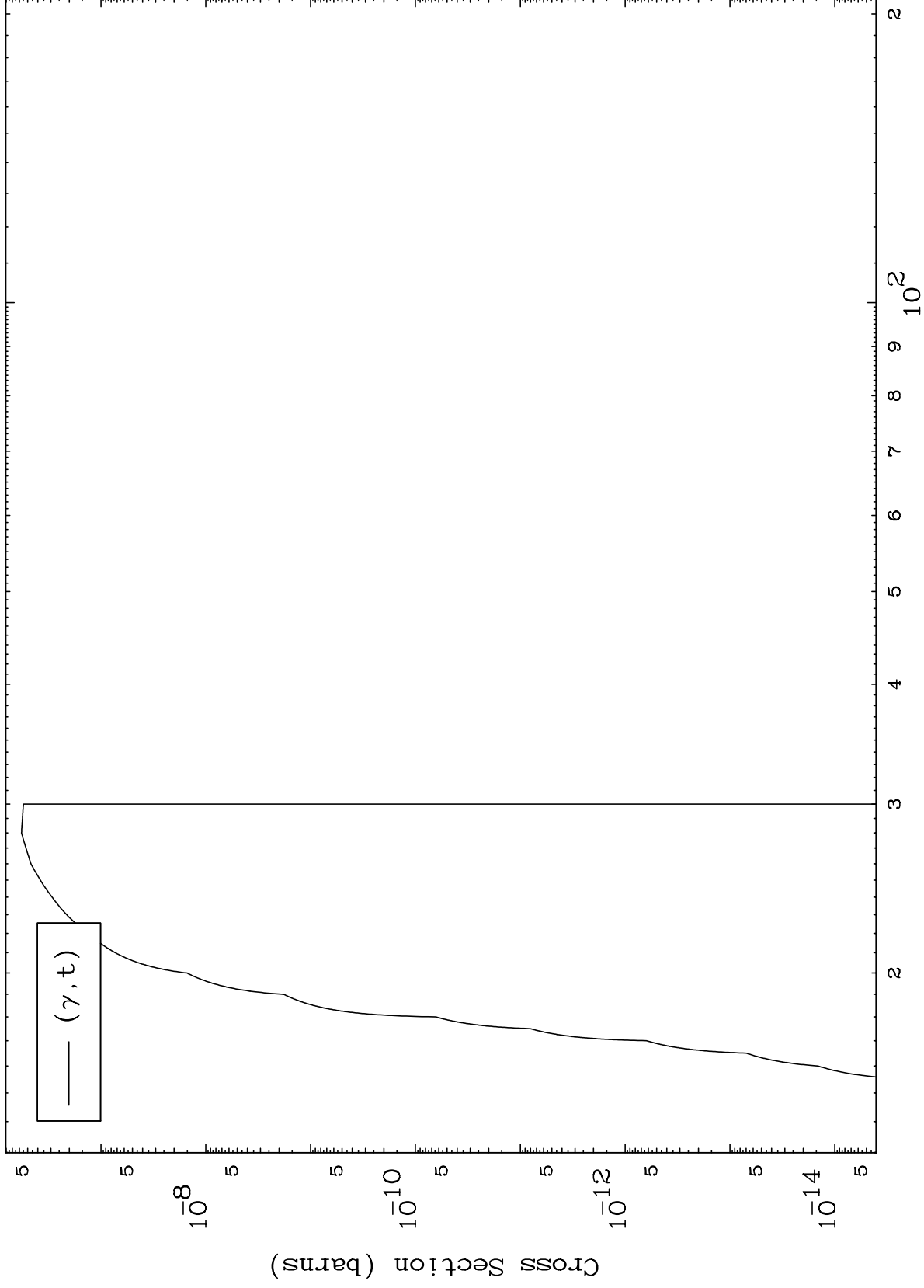
Incident Energy (MeV)

51-Sb-129

MAT 5150

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

51-Sb-129



7

Incident Energy (MeV)

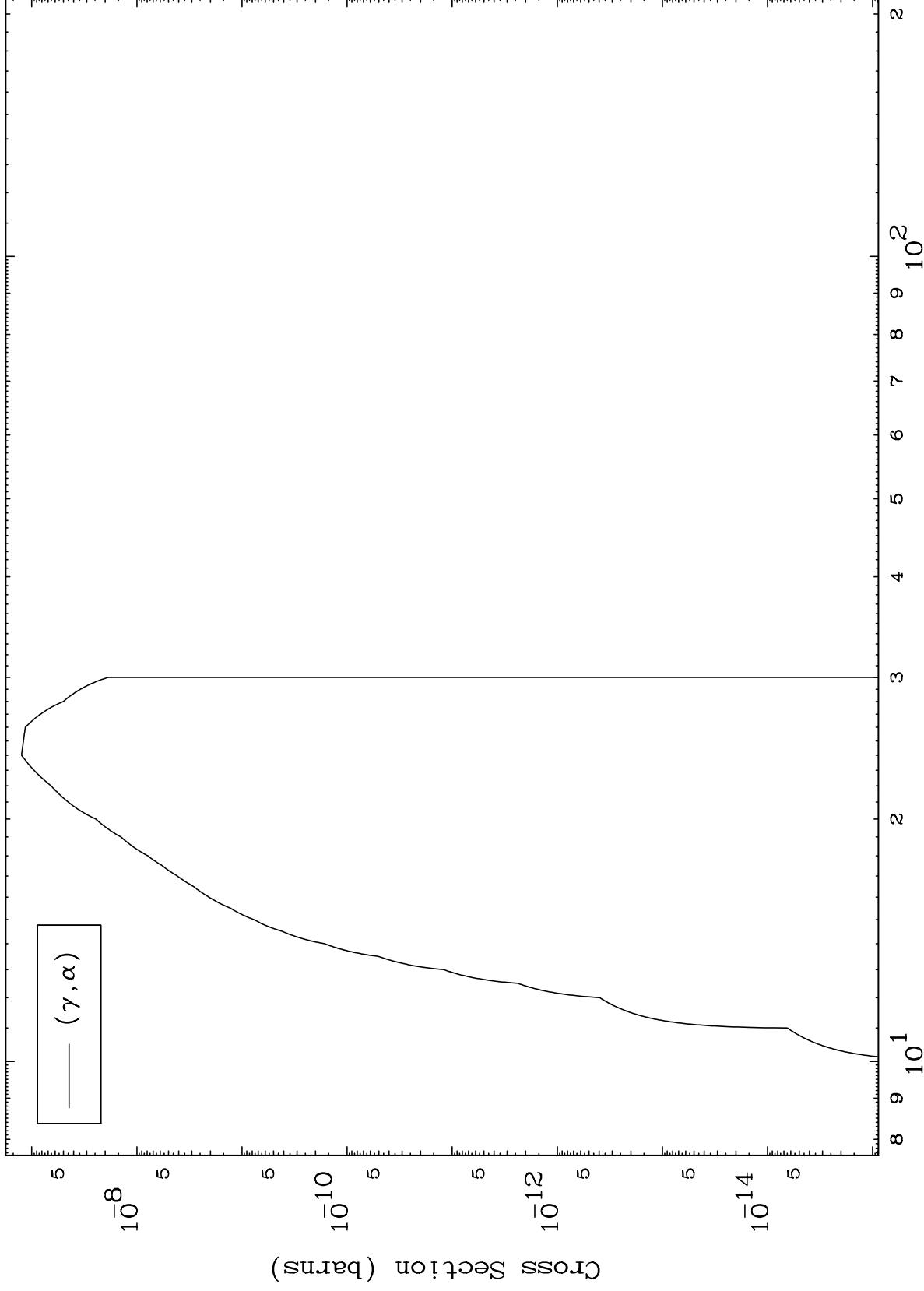
51-Sb-129



MAT 5150

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

51-Sb-129



8

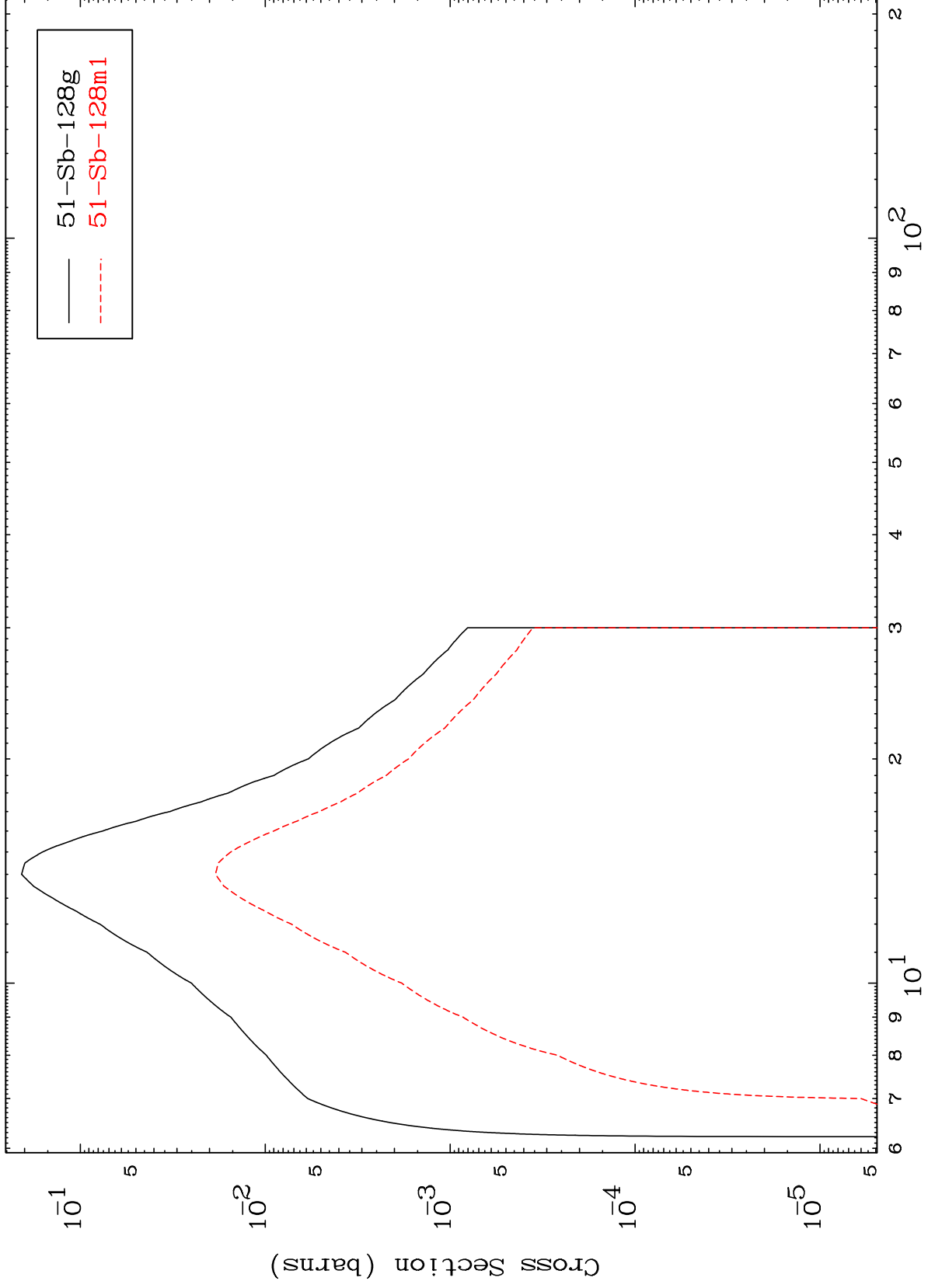
Incident Energy (MeV)

51-Sb-129

MAT 5150

Photon Inelastic  
Radionuclide Production Cross Section

51-Sb-129



51-Sb-128g  
51-Sb-128m1

9

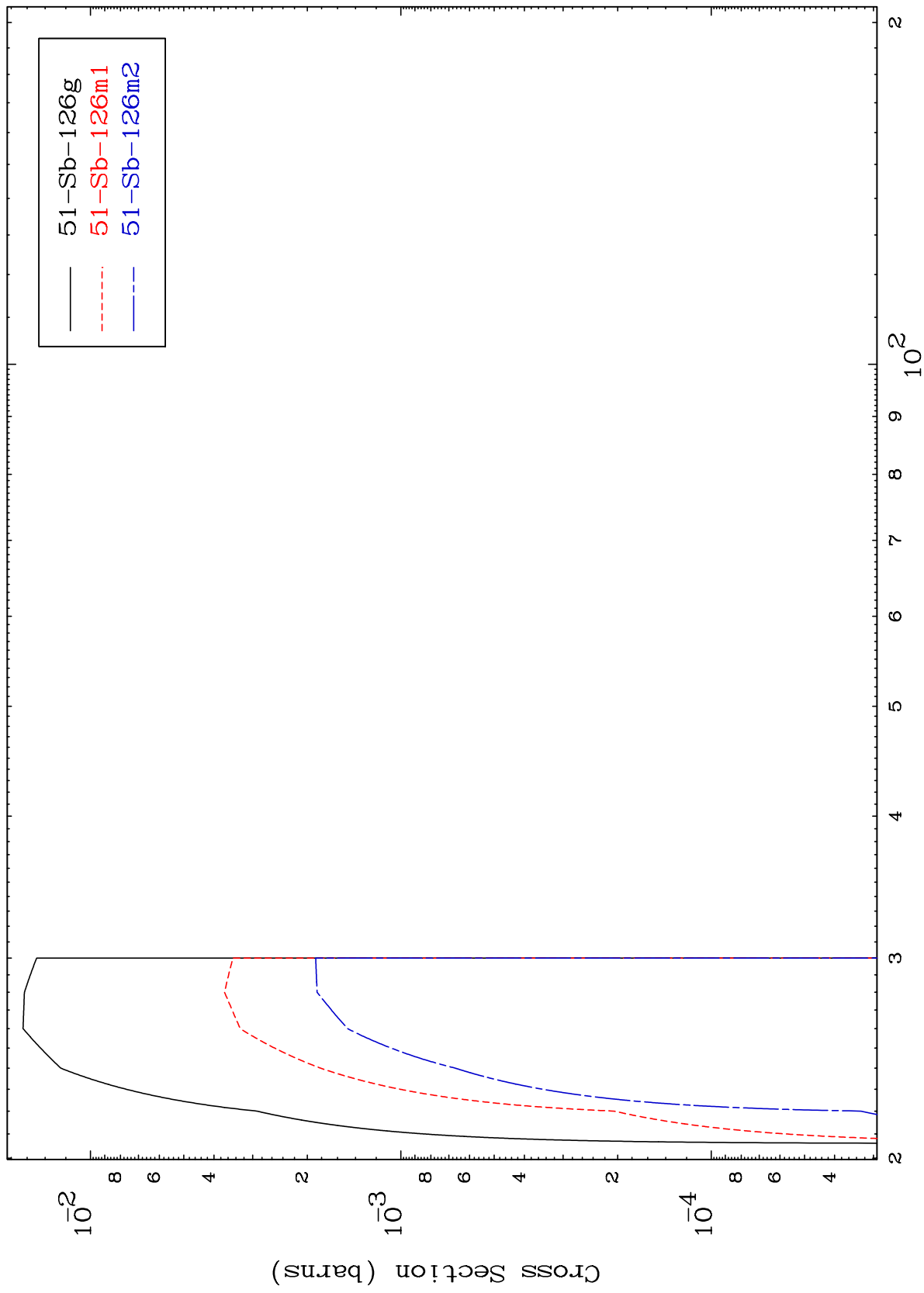
Incident Energy (MeV)

51-Sb-129

MAT 5150

51-Sb-129

( $\gamma, 3n$ )  
Radionuclide Production Cross Section

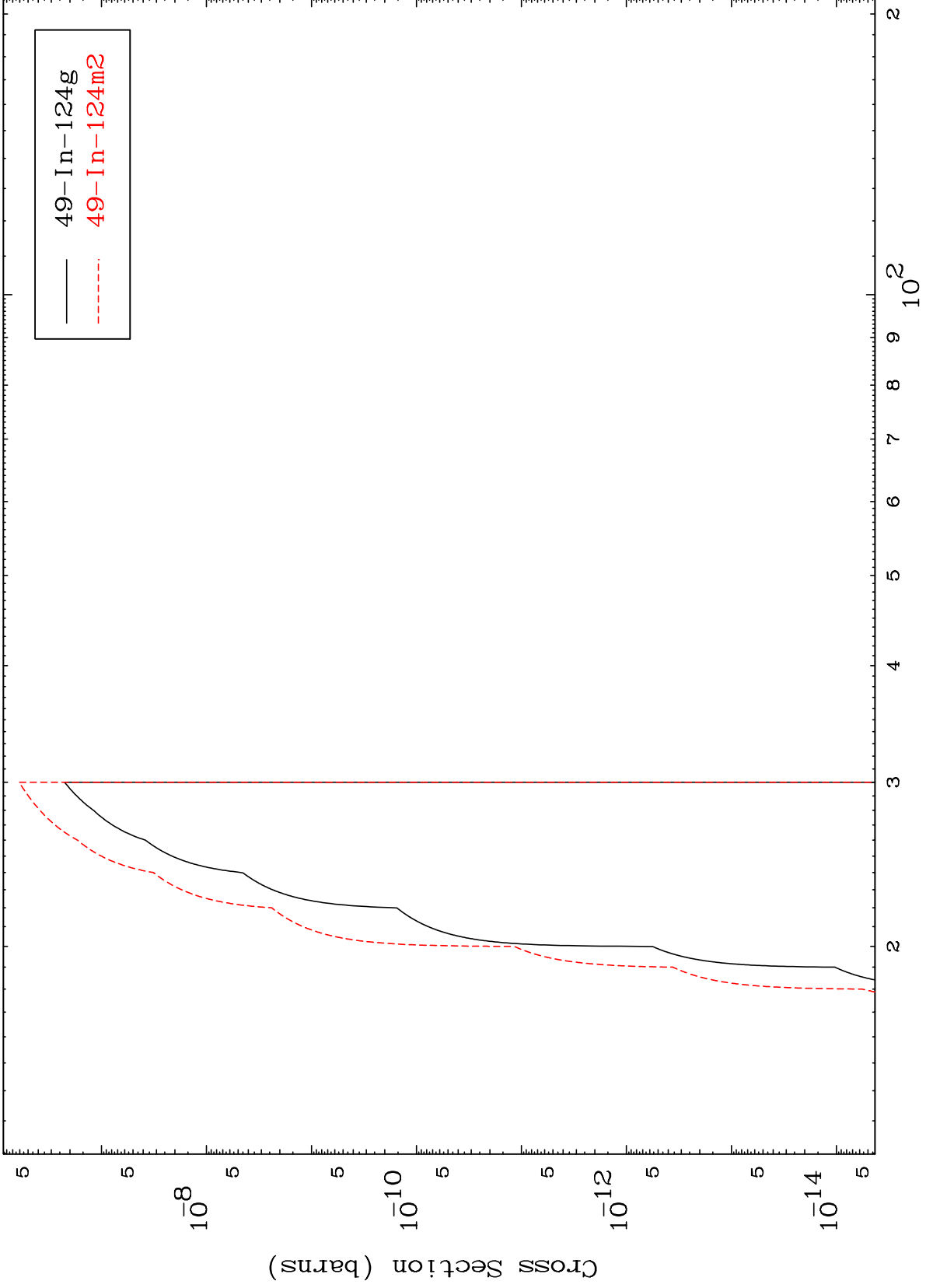


51-Sb-129

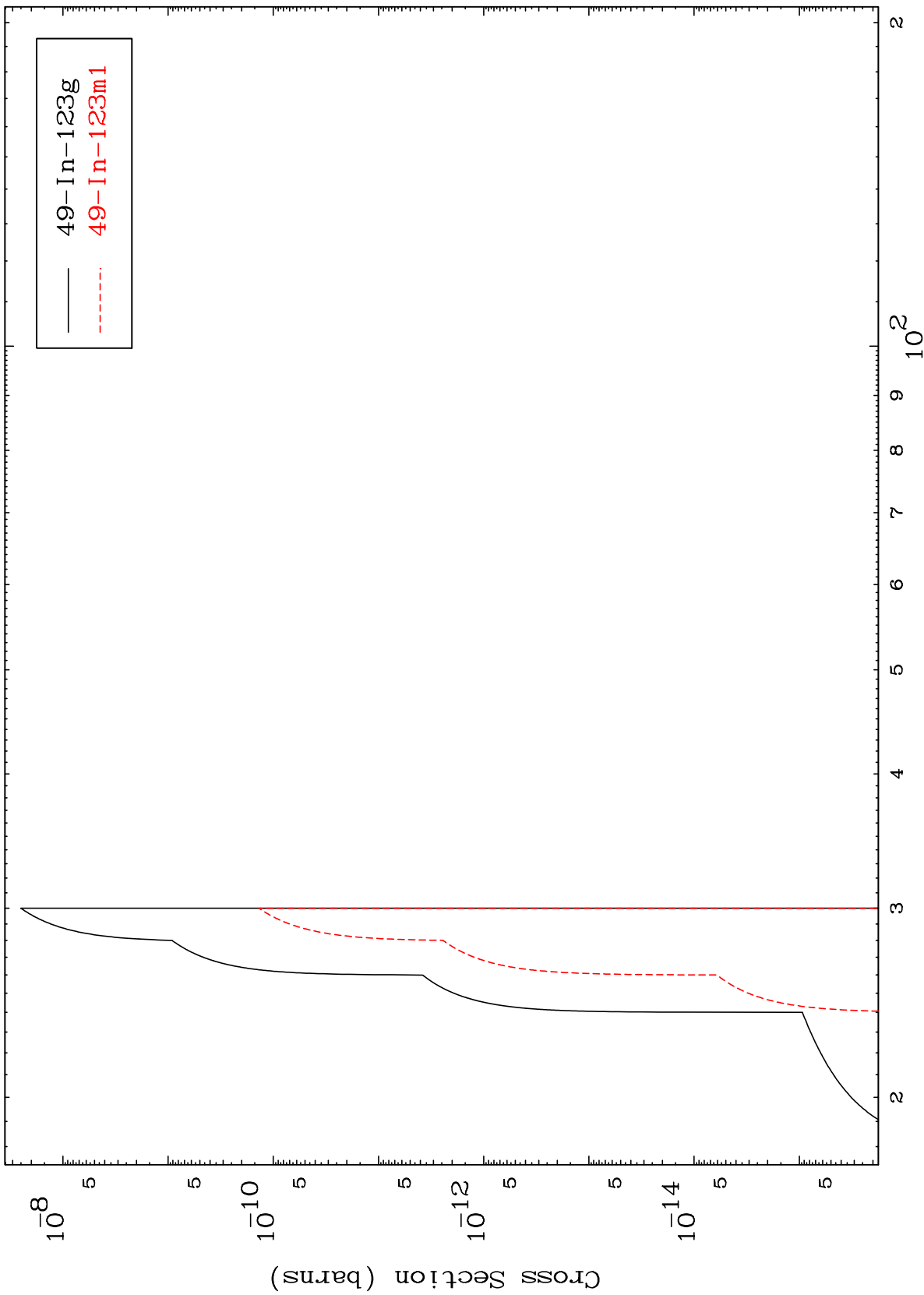
Incident Energy (MeV)

10

Radionuclide Production Cross Section



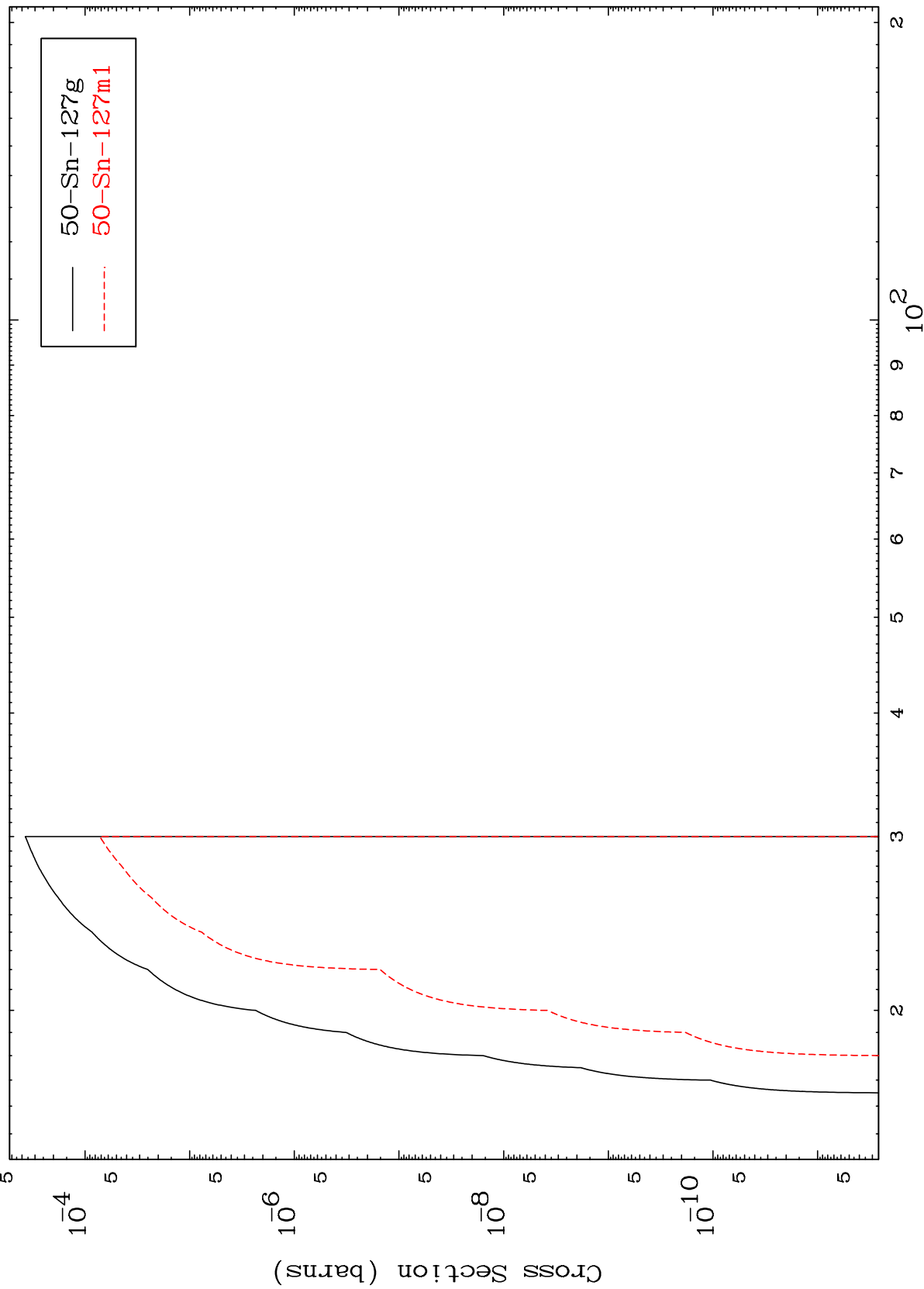
Radionuclide Production Cross Section



MAT 5150

51-Sb-129

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



51-Sb-129

Incident Energy (MeV)

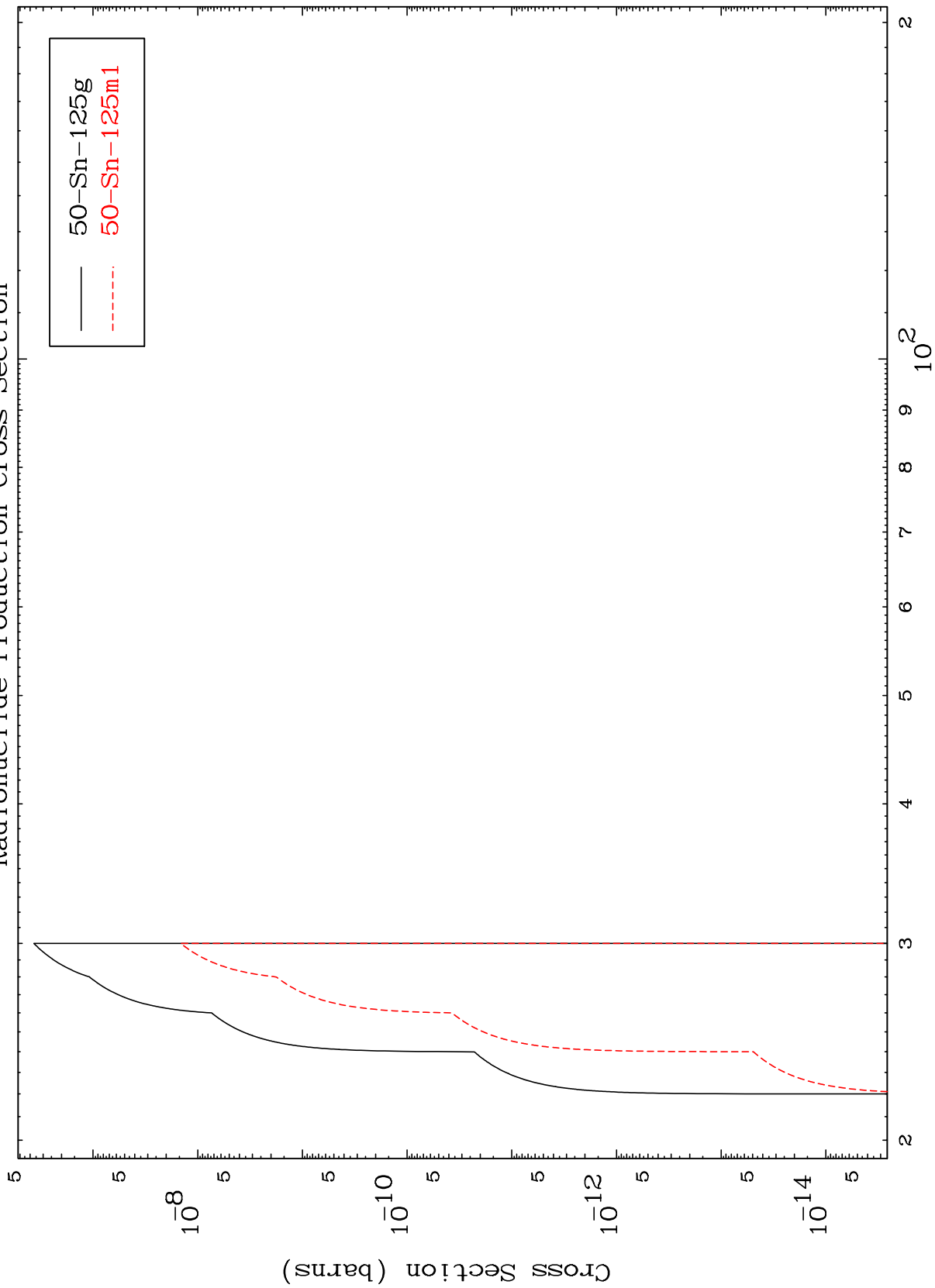
13

MAT 5150

$(\gamma, n')$  t

51-Sb-129

Radionuclide Production Cross Section



14

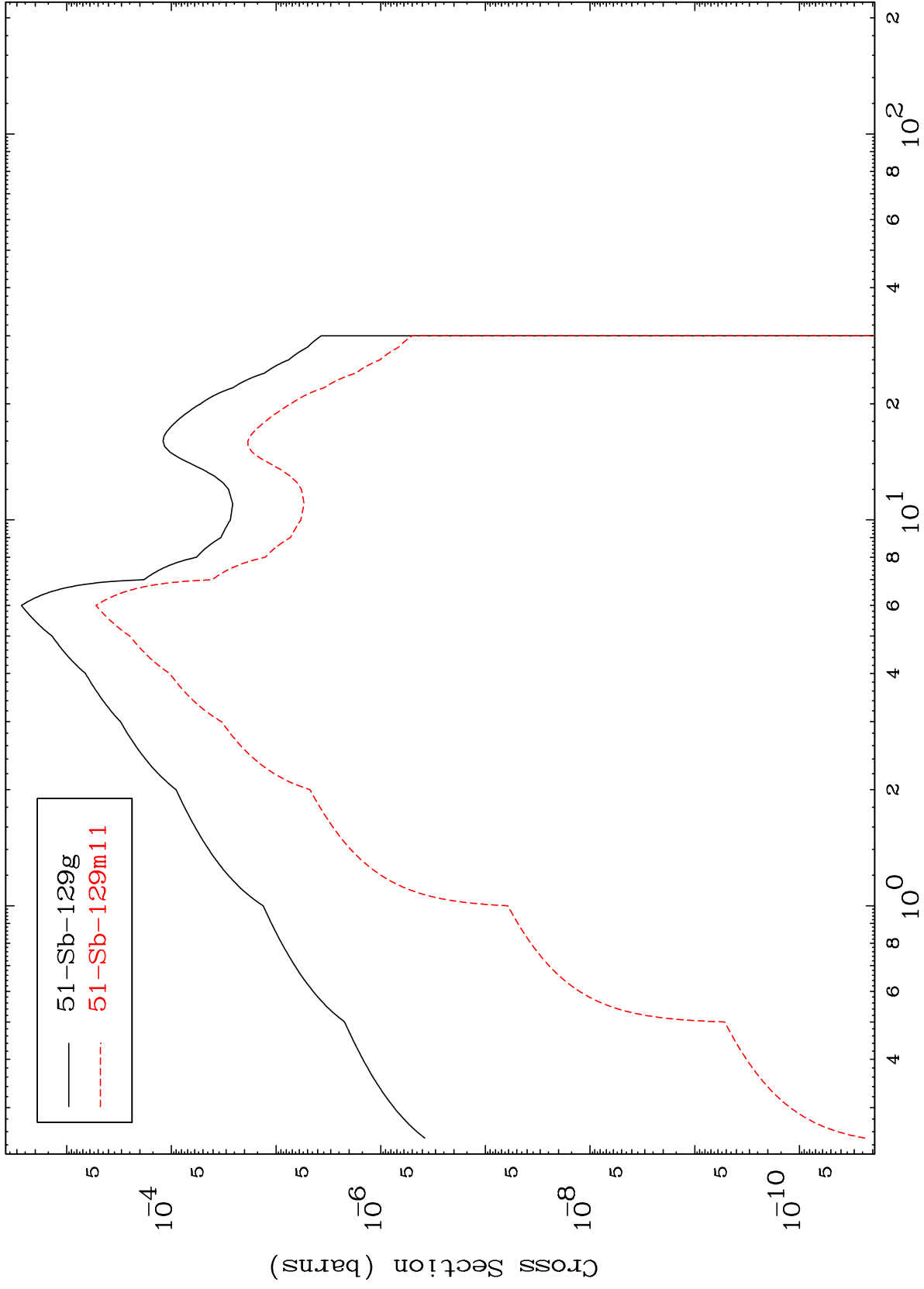
Incident Energy (MeV)

51-Sb-129

MAT 5150

51-Sb-129

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



15

Incident Energy (MeV)

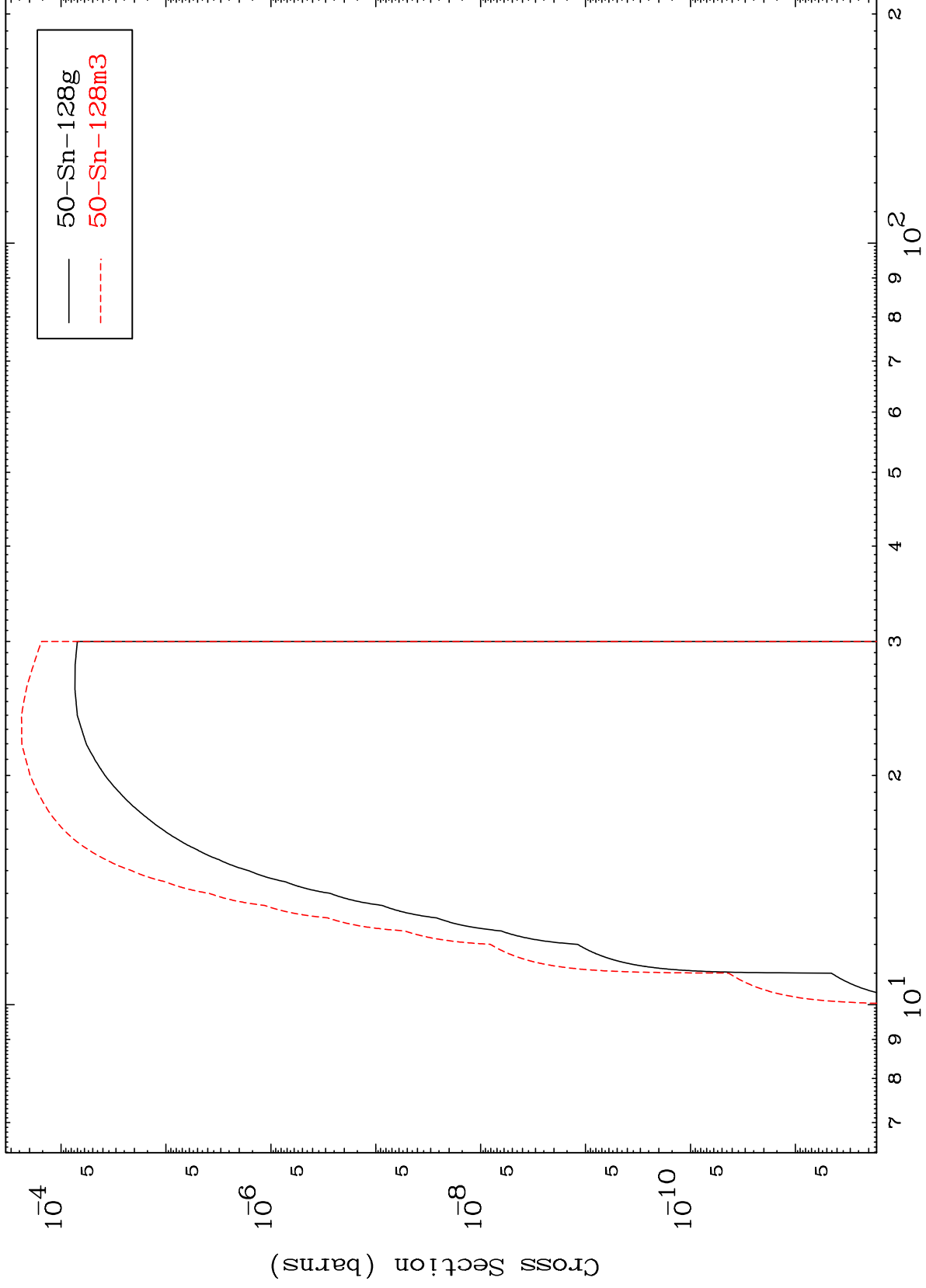
51-Sb-129



MAT 5150

51-Sb-129

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



51-Sb-129

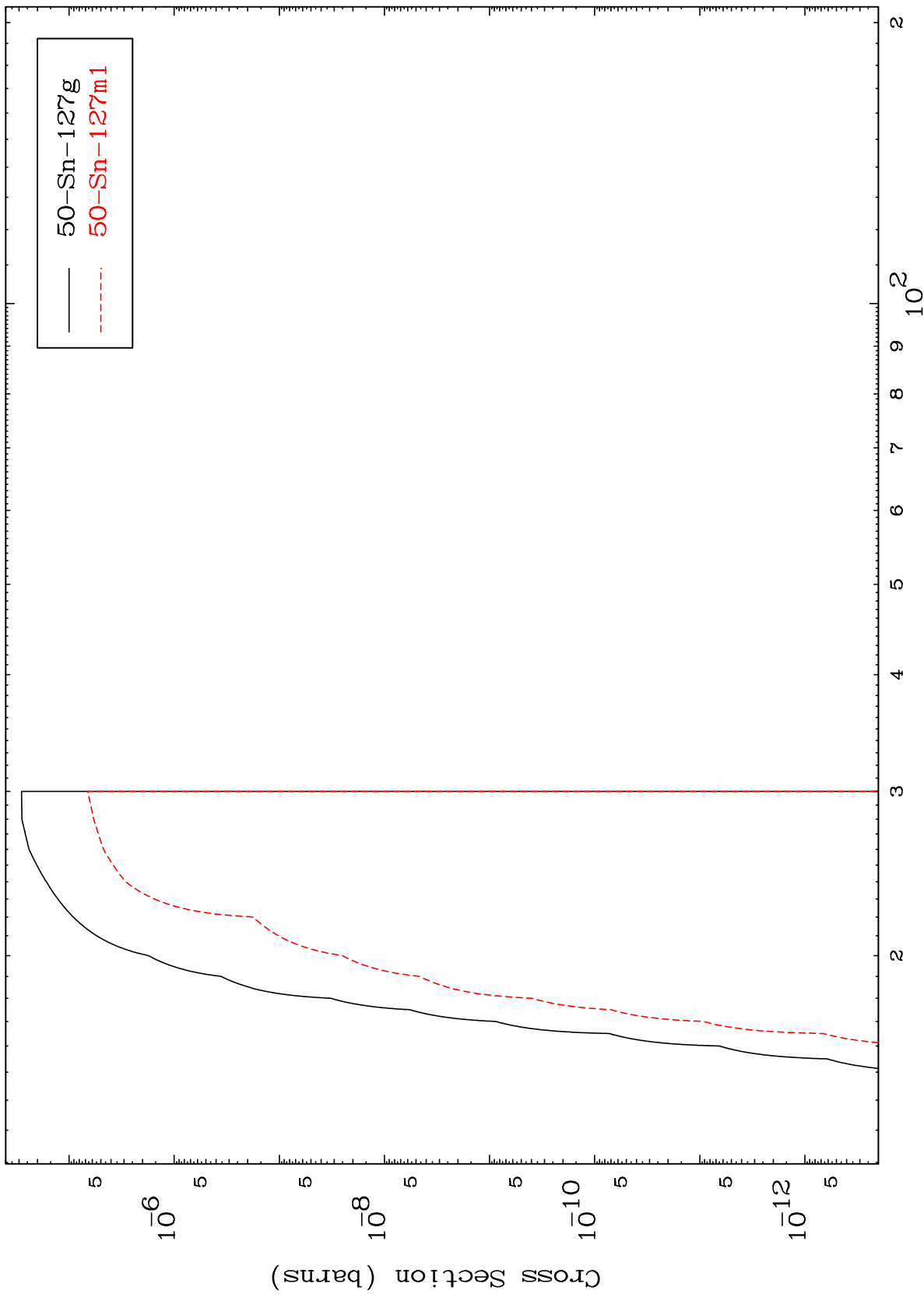
Incident Energy (MeV)

16

MAT 5150

51-Sb-129

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



17

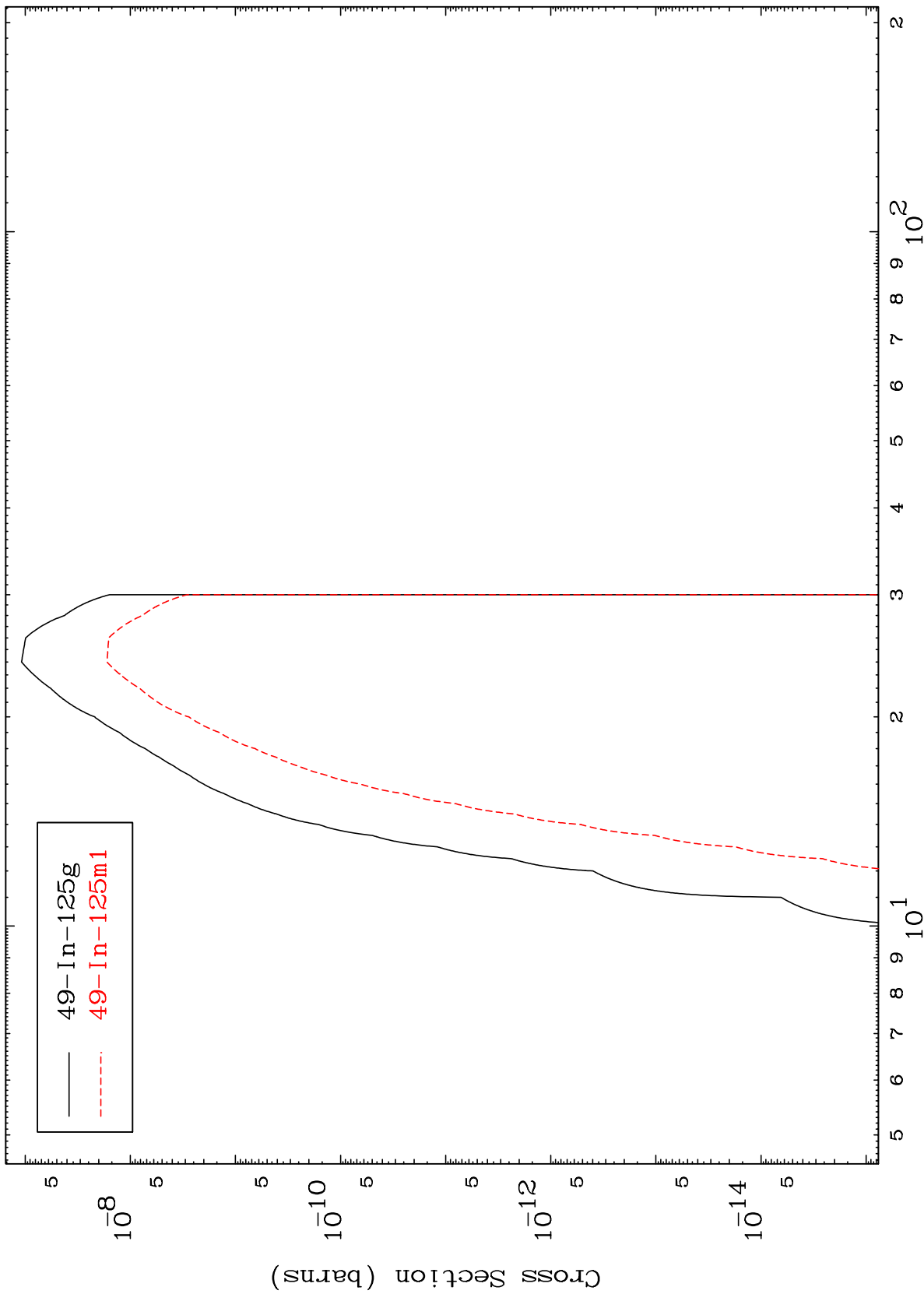
51-Sb-129

Incident Energy (MeV)

MAT 5150

51-Sb-129

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



— 49-In-125g  
- - - 49-In-125m1

51-Sb-129

Incident Energy (MeV)

18