

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

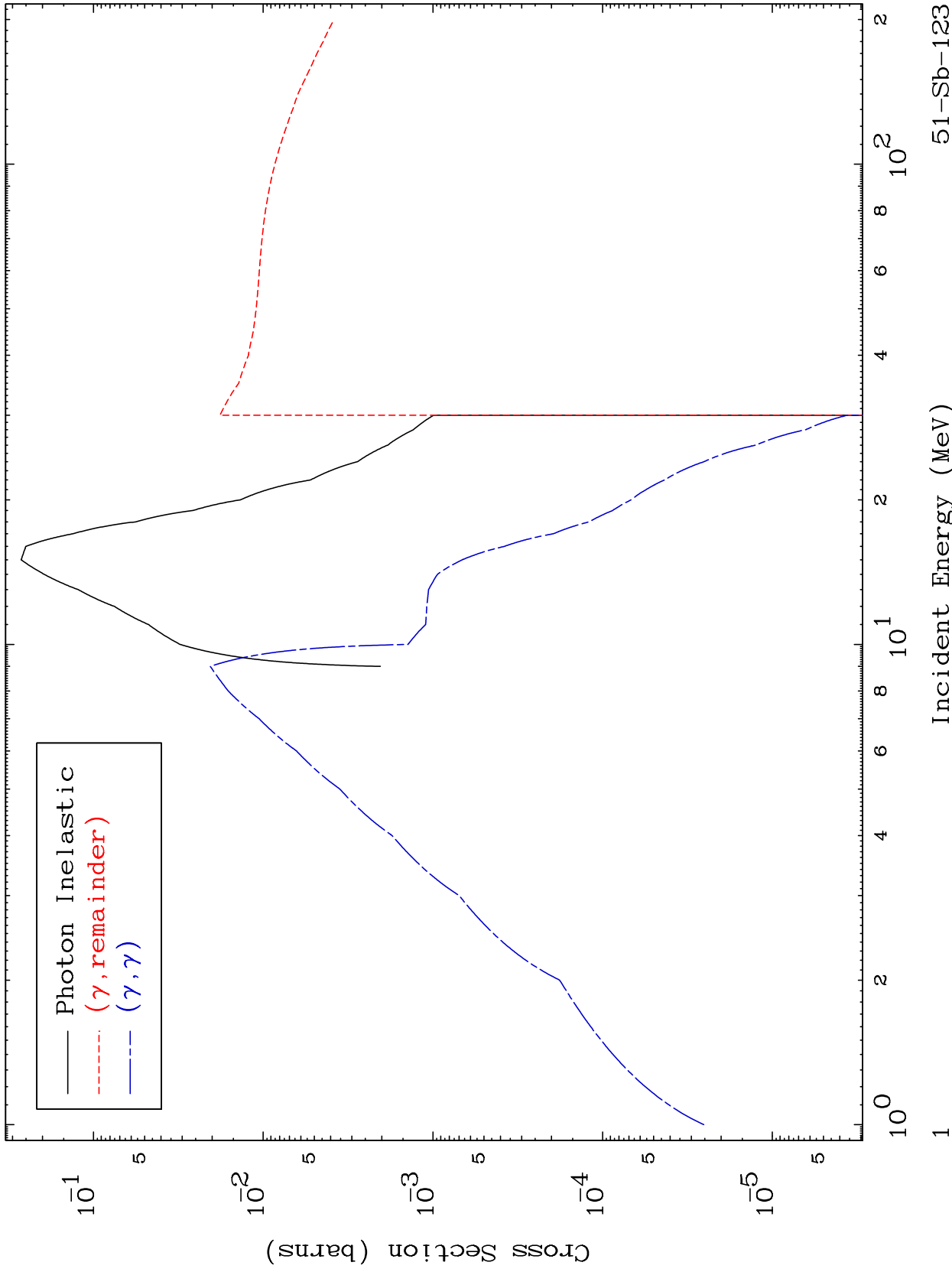
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5131

Photon Major  
0 Kelvin Cross Sections

51-Sb-123

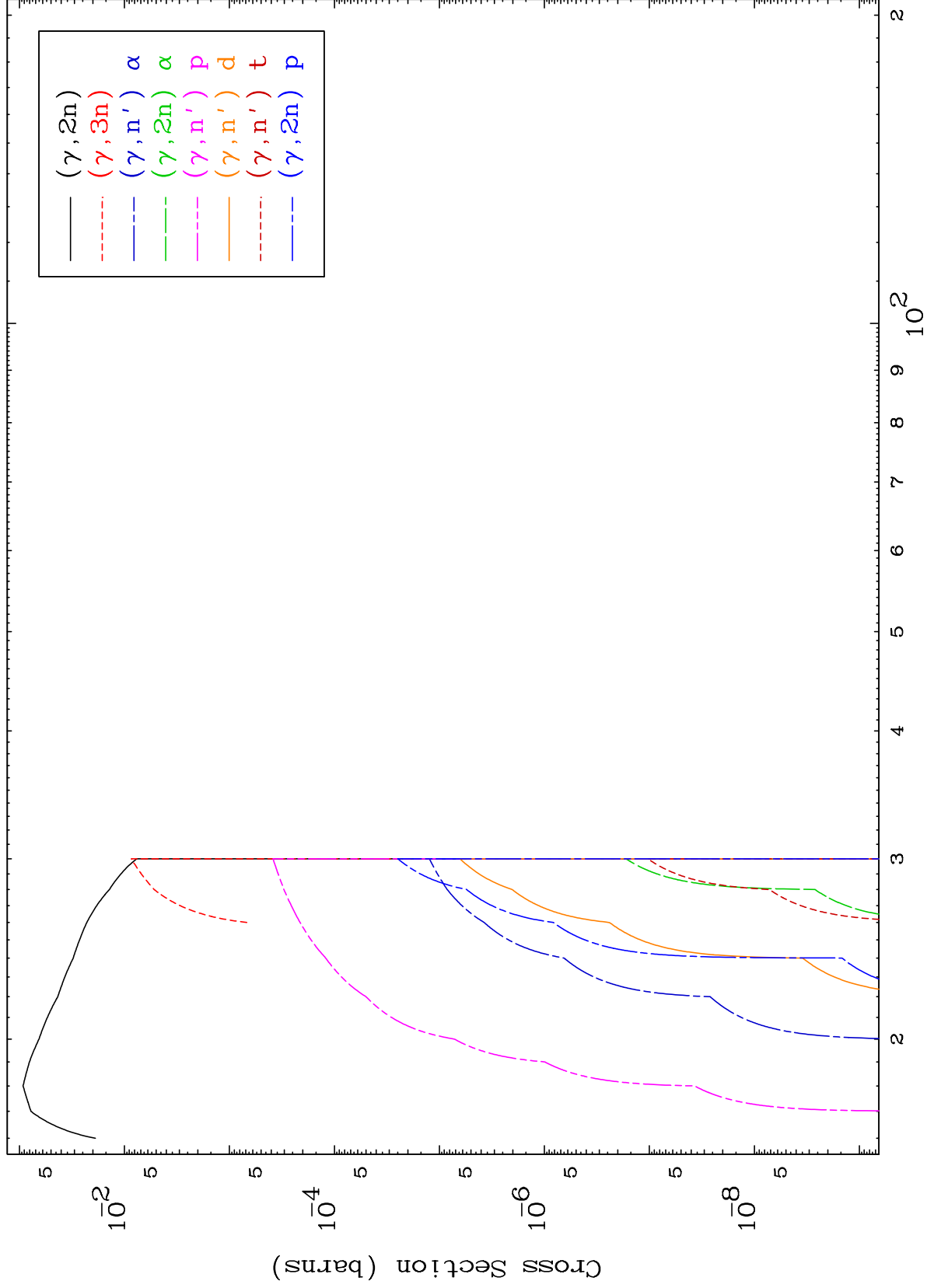


51-Sb-123

MAT 5131

Photon Neutron Production  
0 Kelvin Cross Sections

51-Sb-123



2

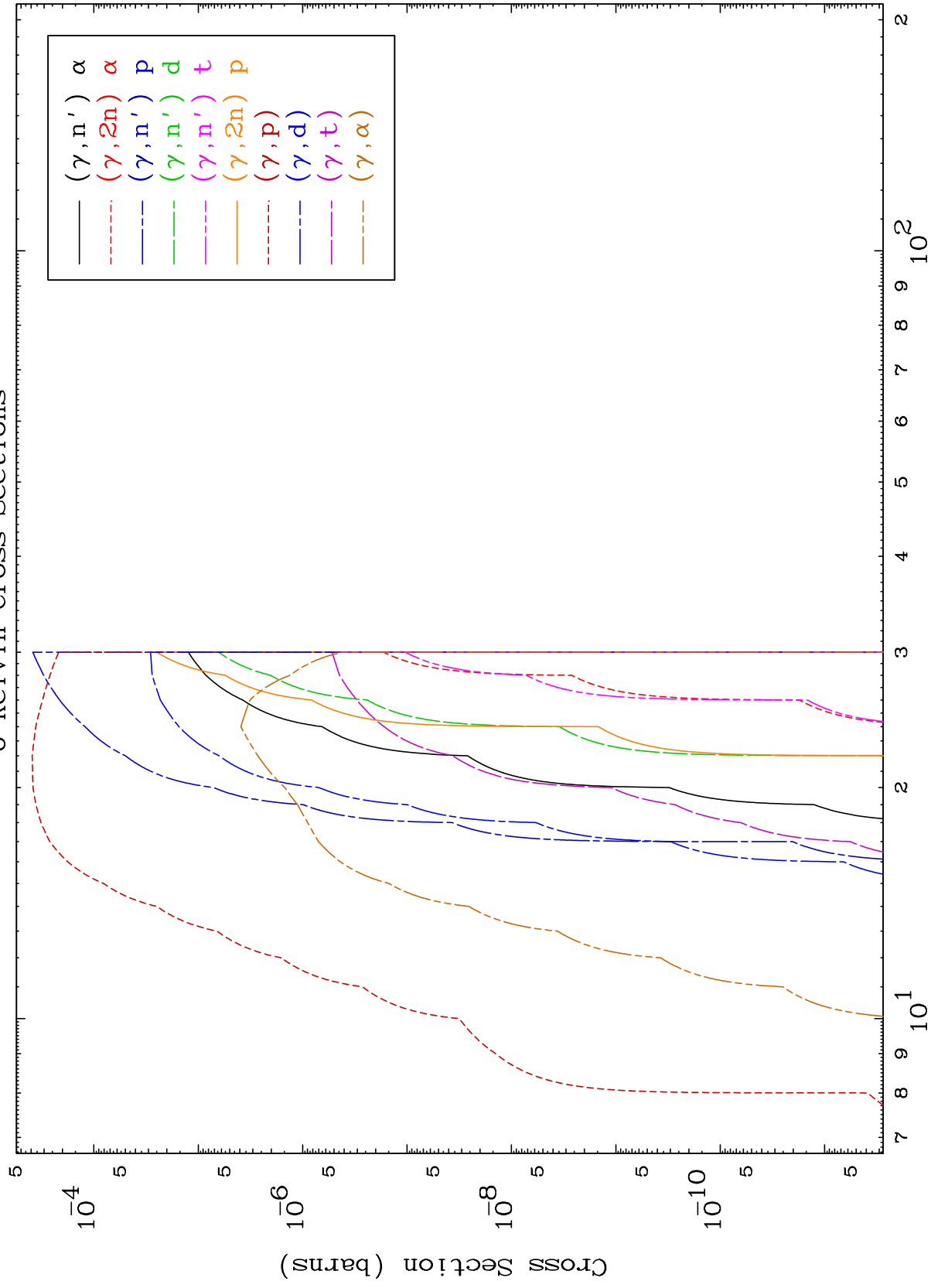
Incident Energy (MeV)

51-Sb-123

MAT 5131

Photon Charged Particle  
0 Kelvin Cross Sections

51-Sb-123



3

Incident Energy (MeV)

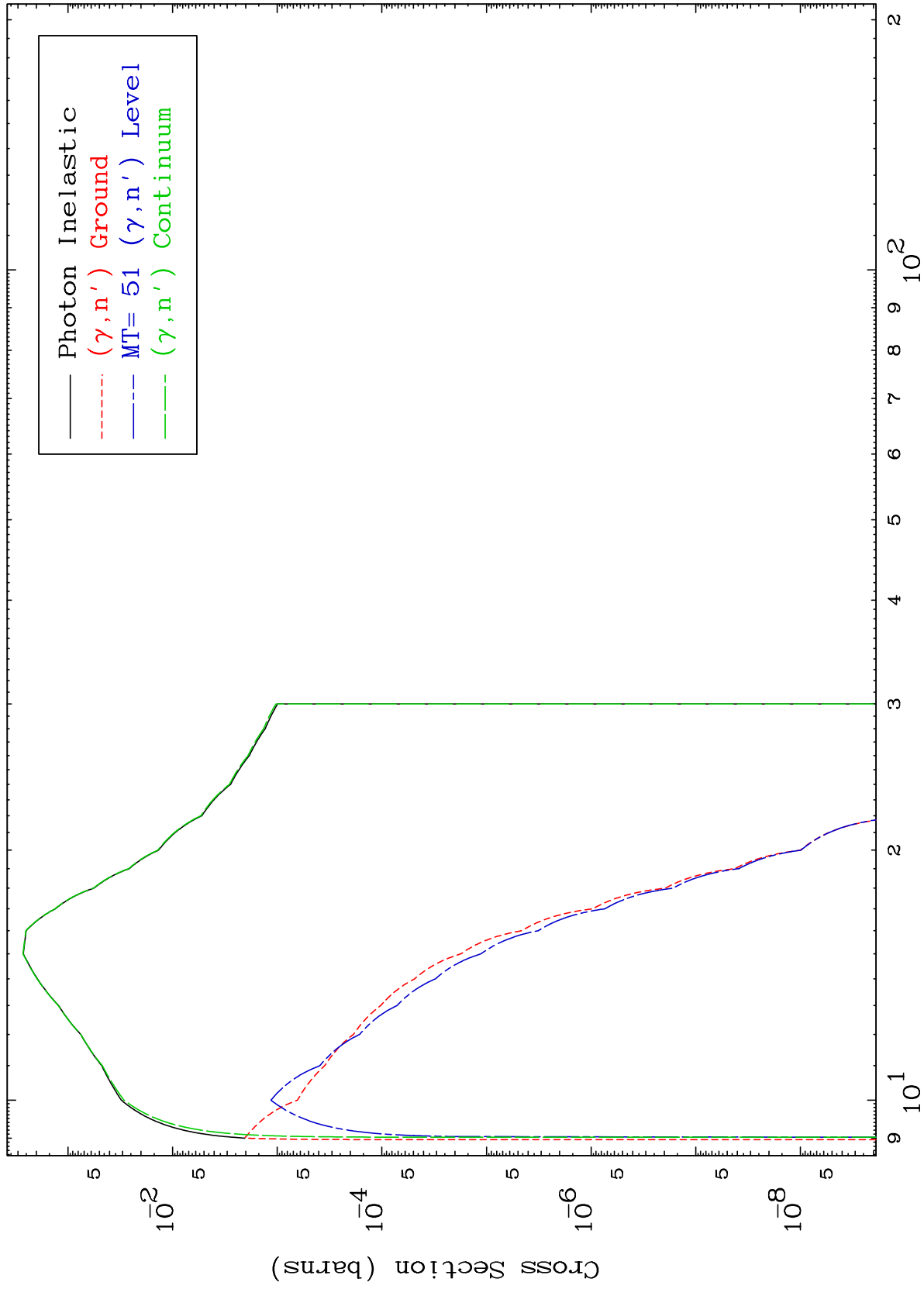
51-Sb-123

MAT 5131

$(\gamma, n')$  Level

51-Sb-123

0 Kelvin Cross Sections



4

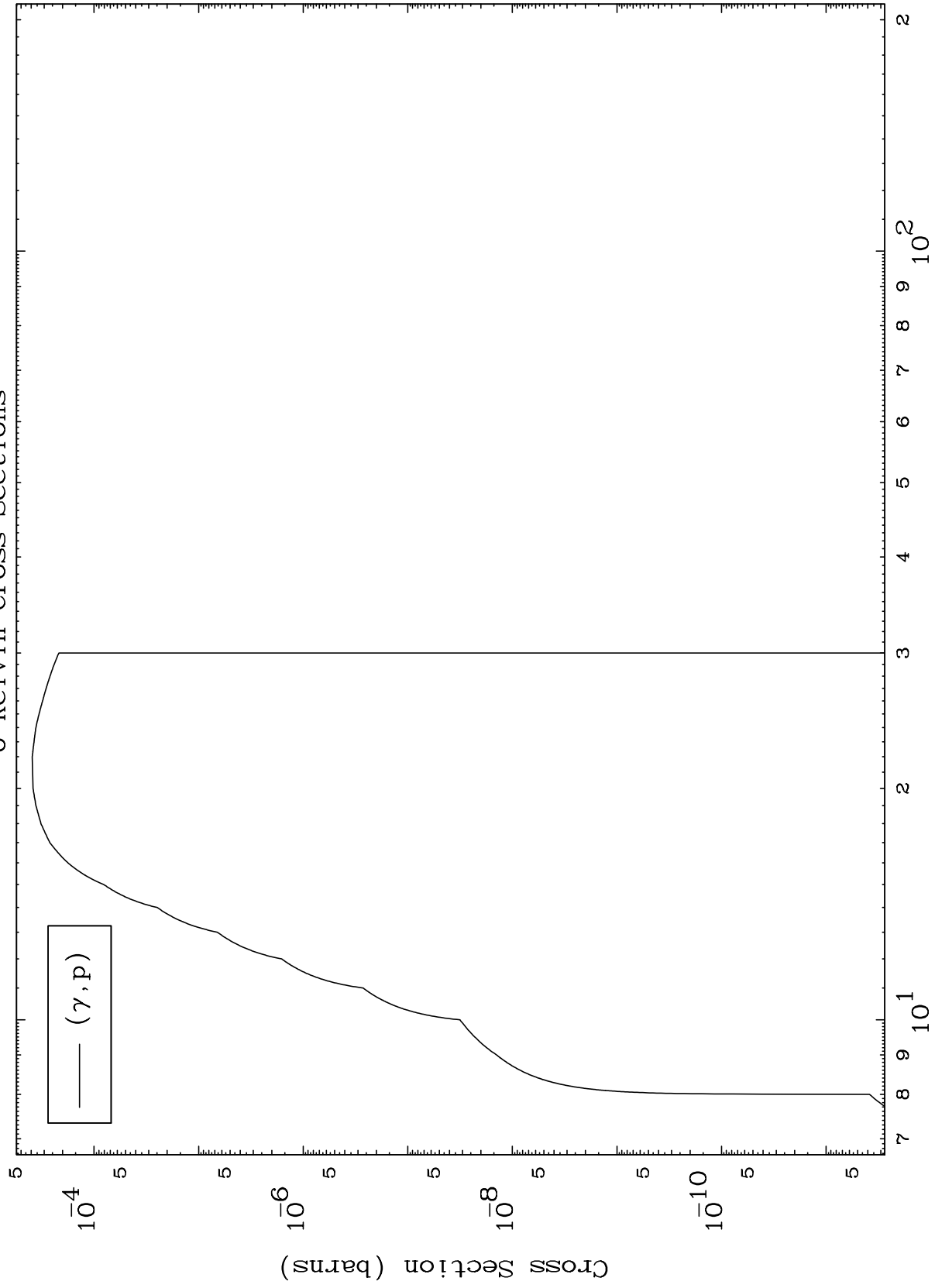
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



5

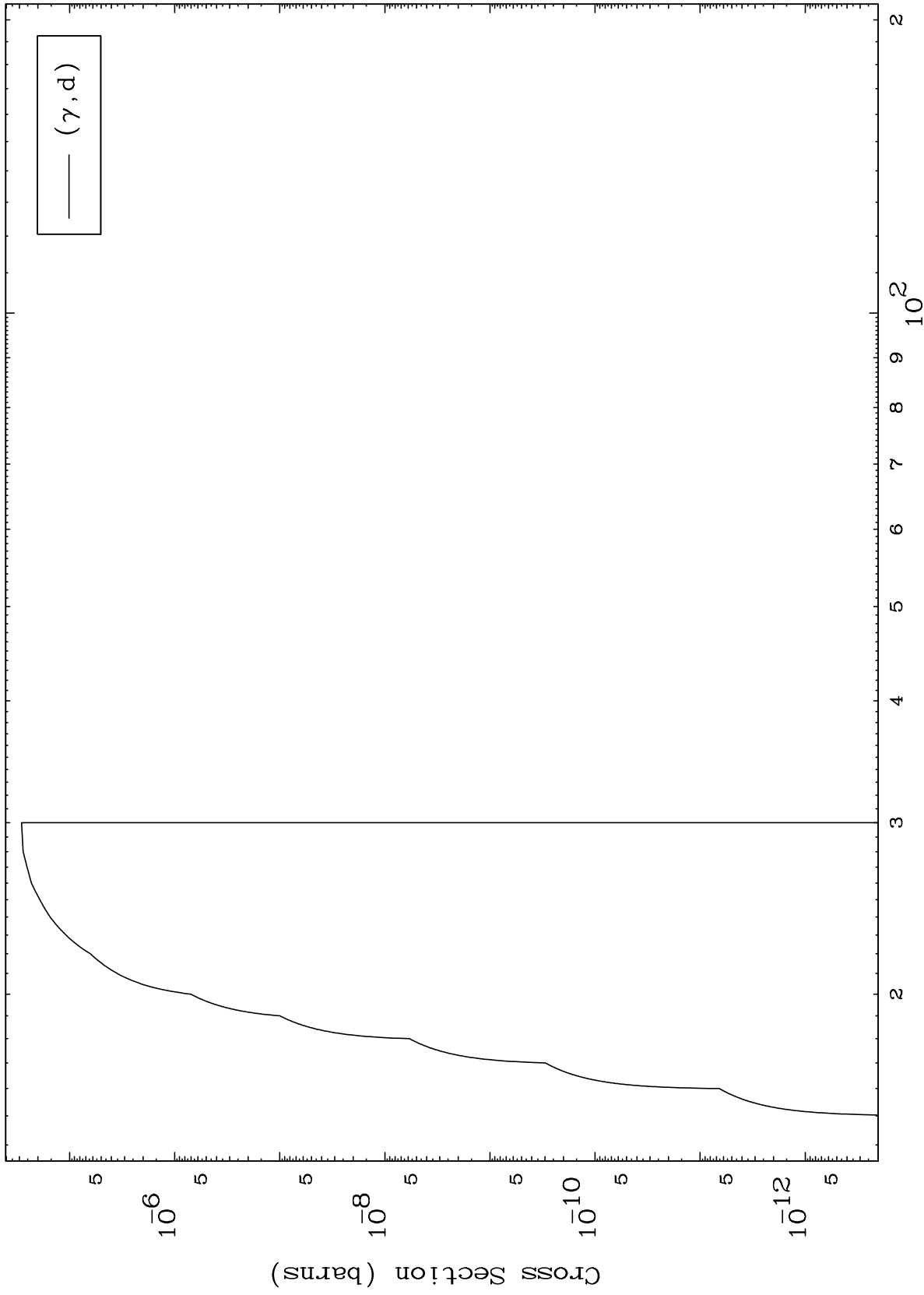
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



6

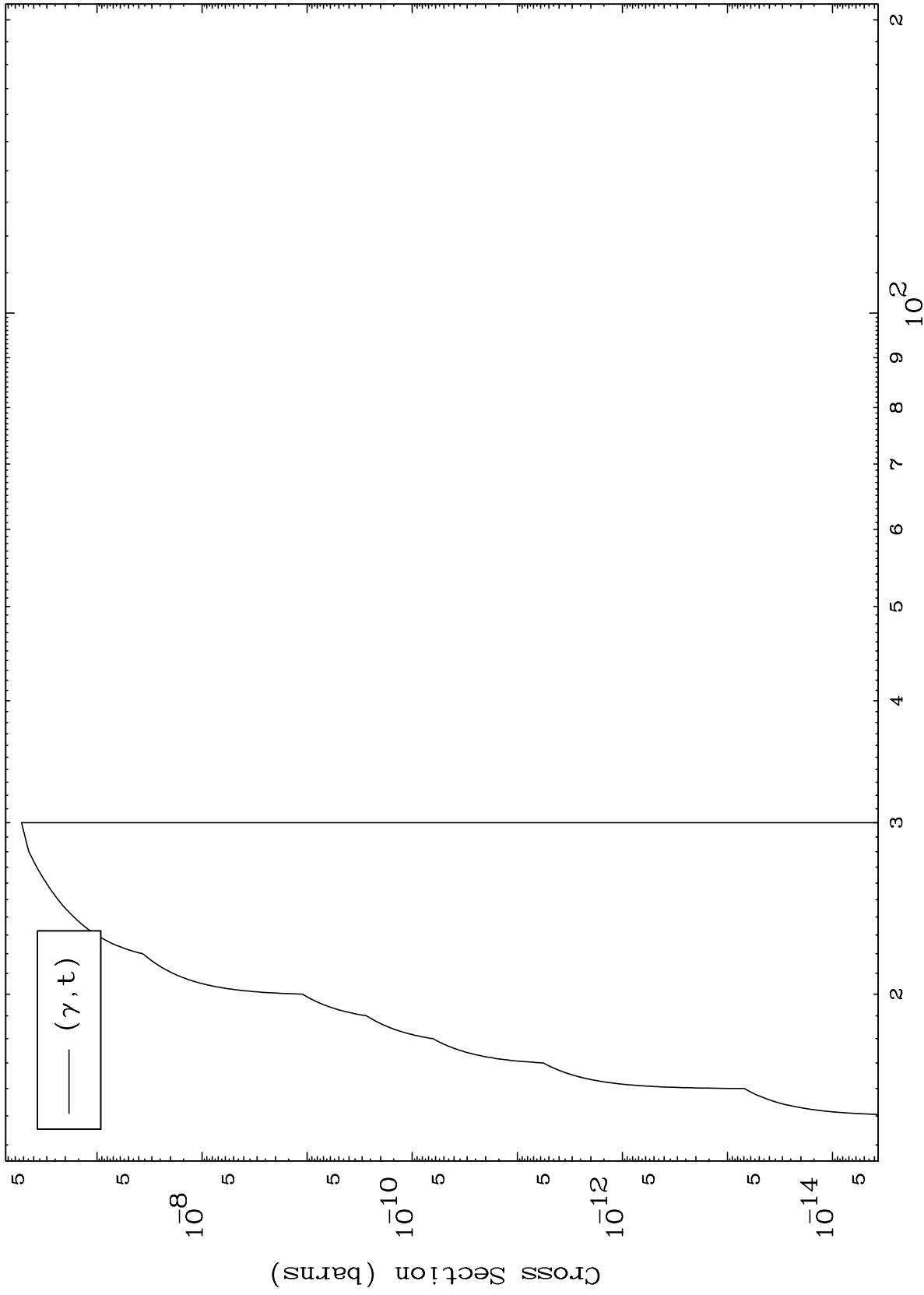
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



7

Incident Energy (MeV)

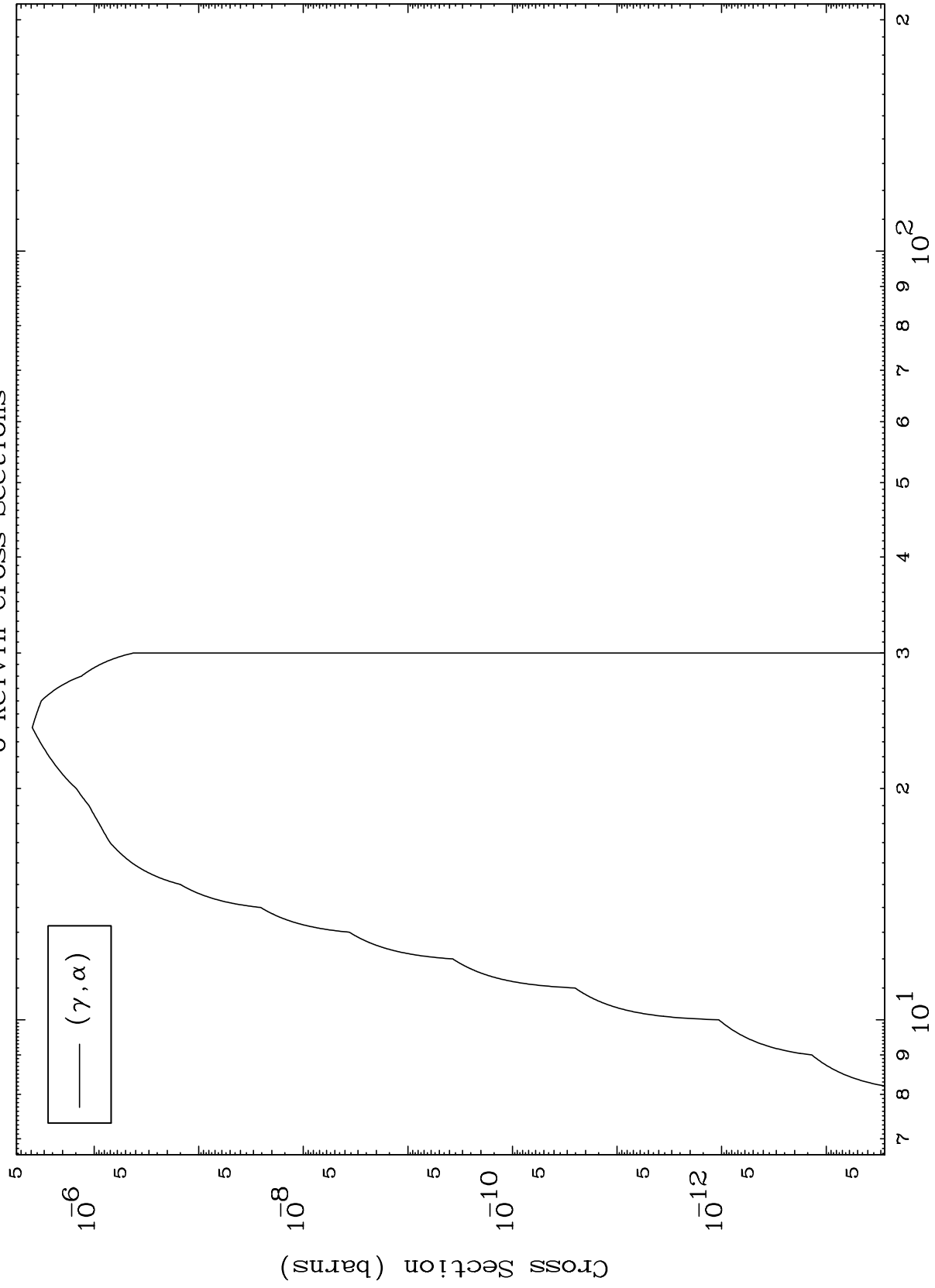
51-Sb-123



MAT 5131

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

51-Sb-123



8

Incident Energy (MeV)

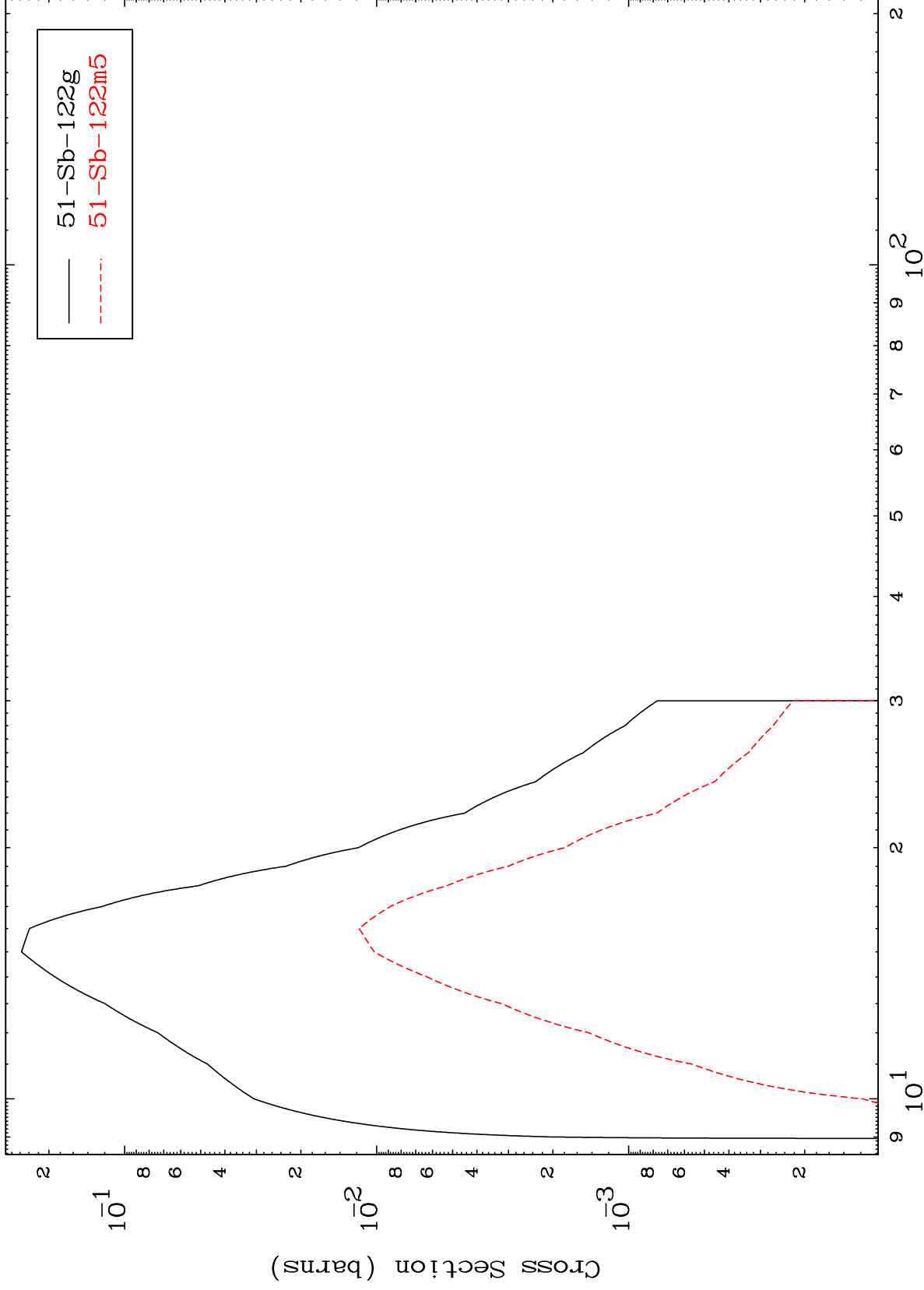
51-Sb-123

MAT 5131

Photon Inelastic

51-Sb-123

Radionuclide Production Cross Section



9

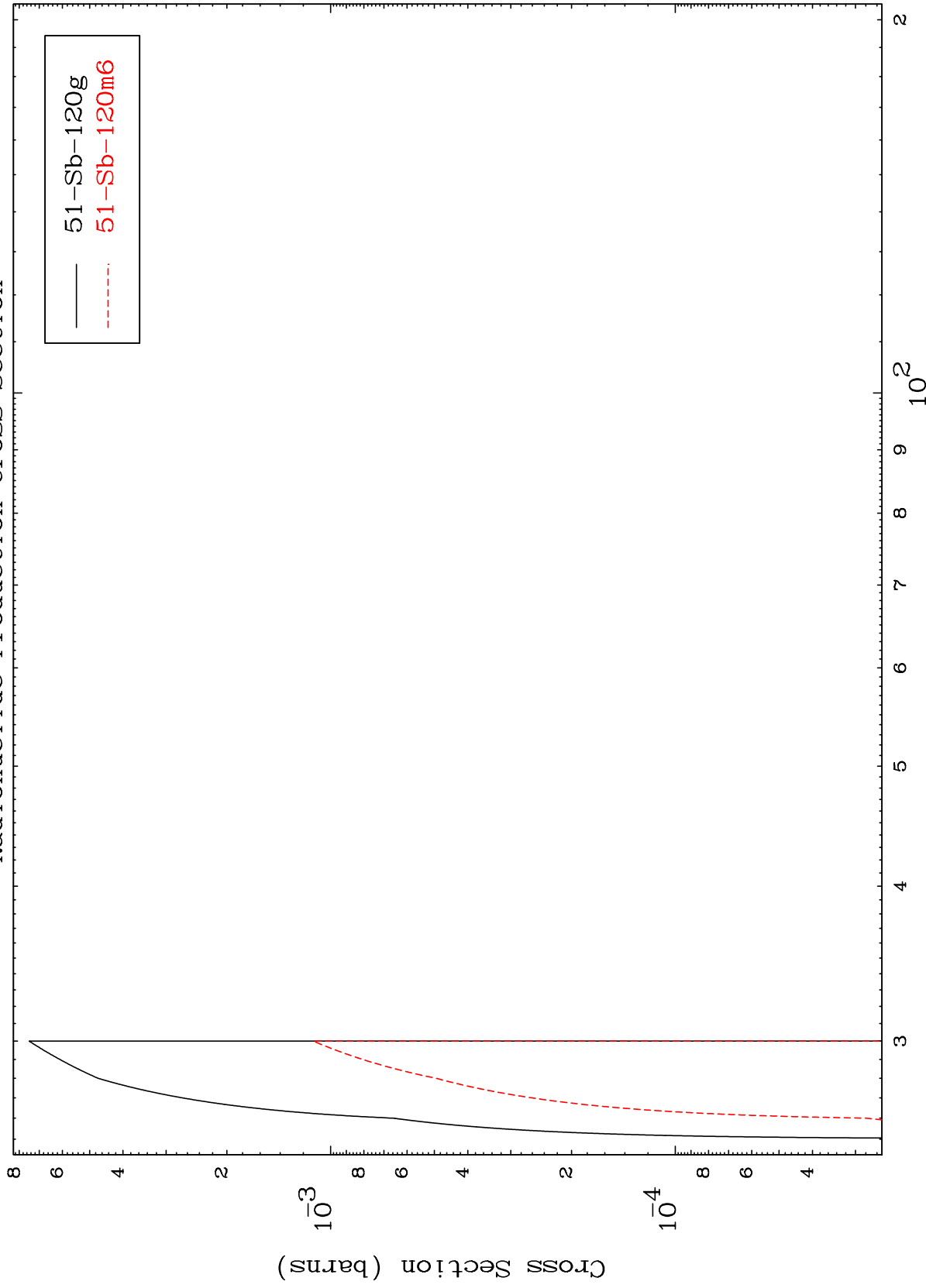
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

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

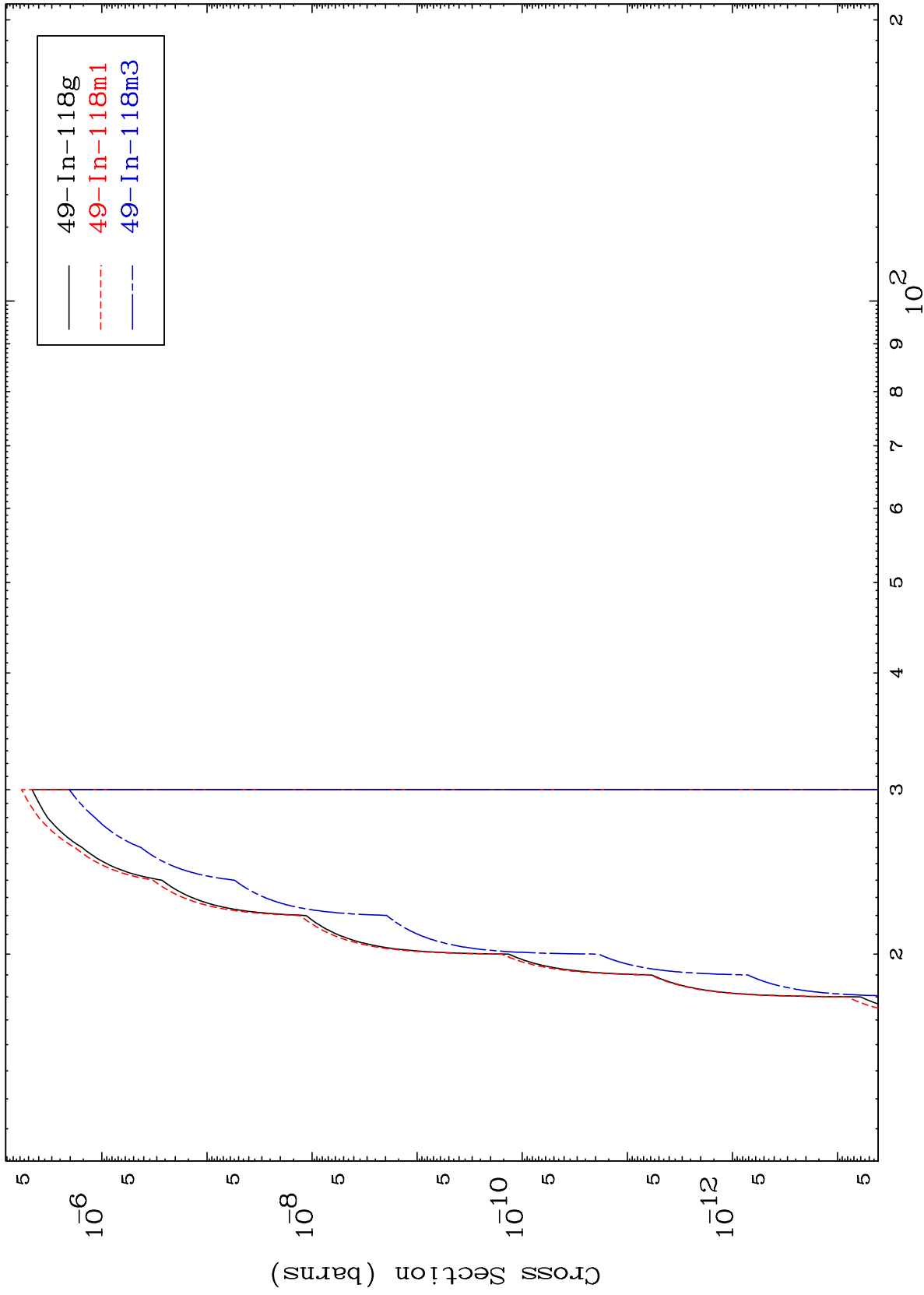


10

Incident Energy (MeV)

51-Sb-123

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

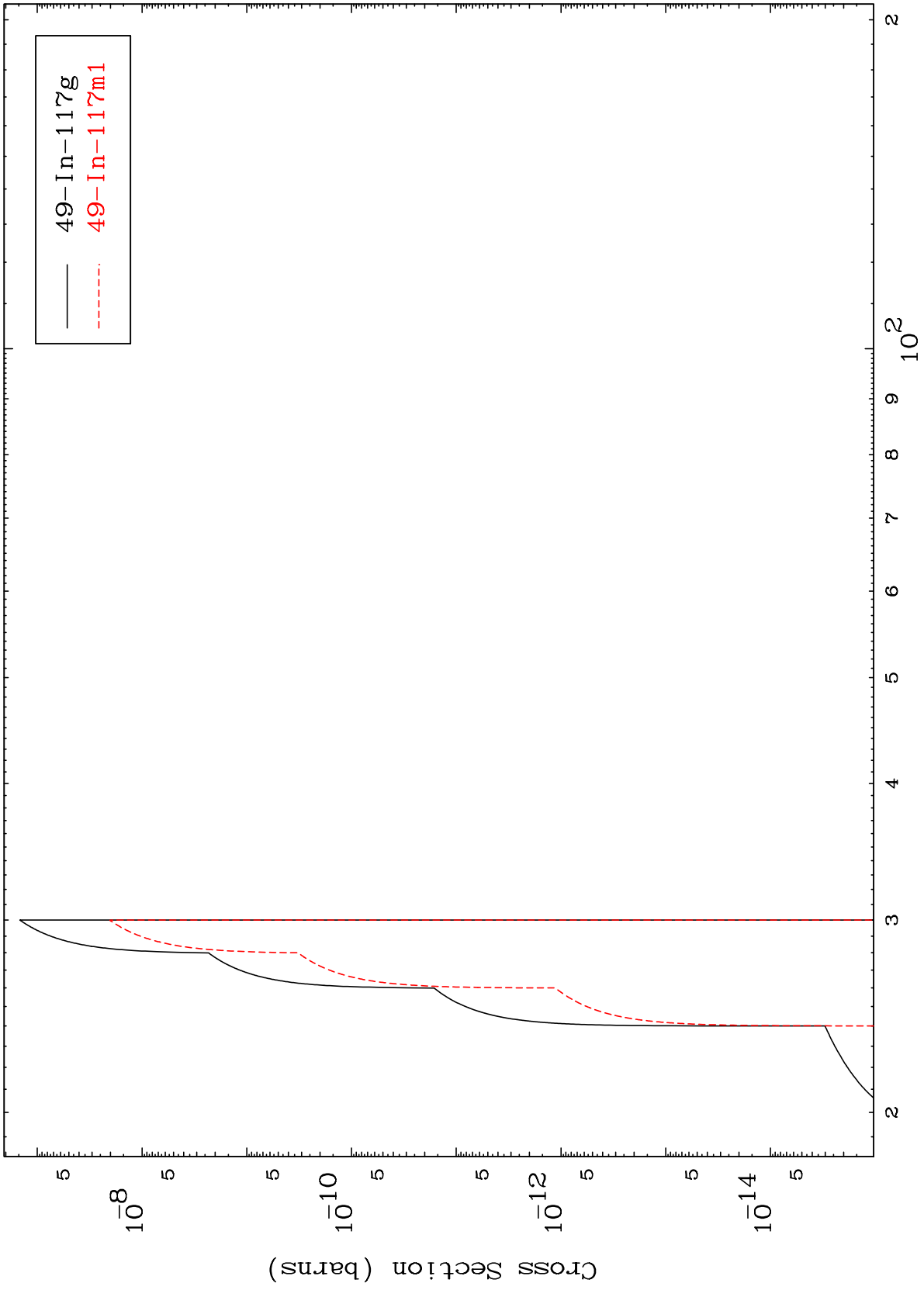


MAT 5131

$(\gamma, 2n) \alpha$

51-Sb-123

Radionuclide Production Cross Section



12

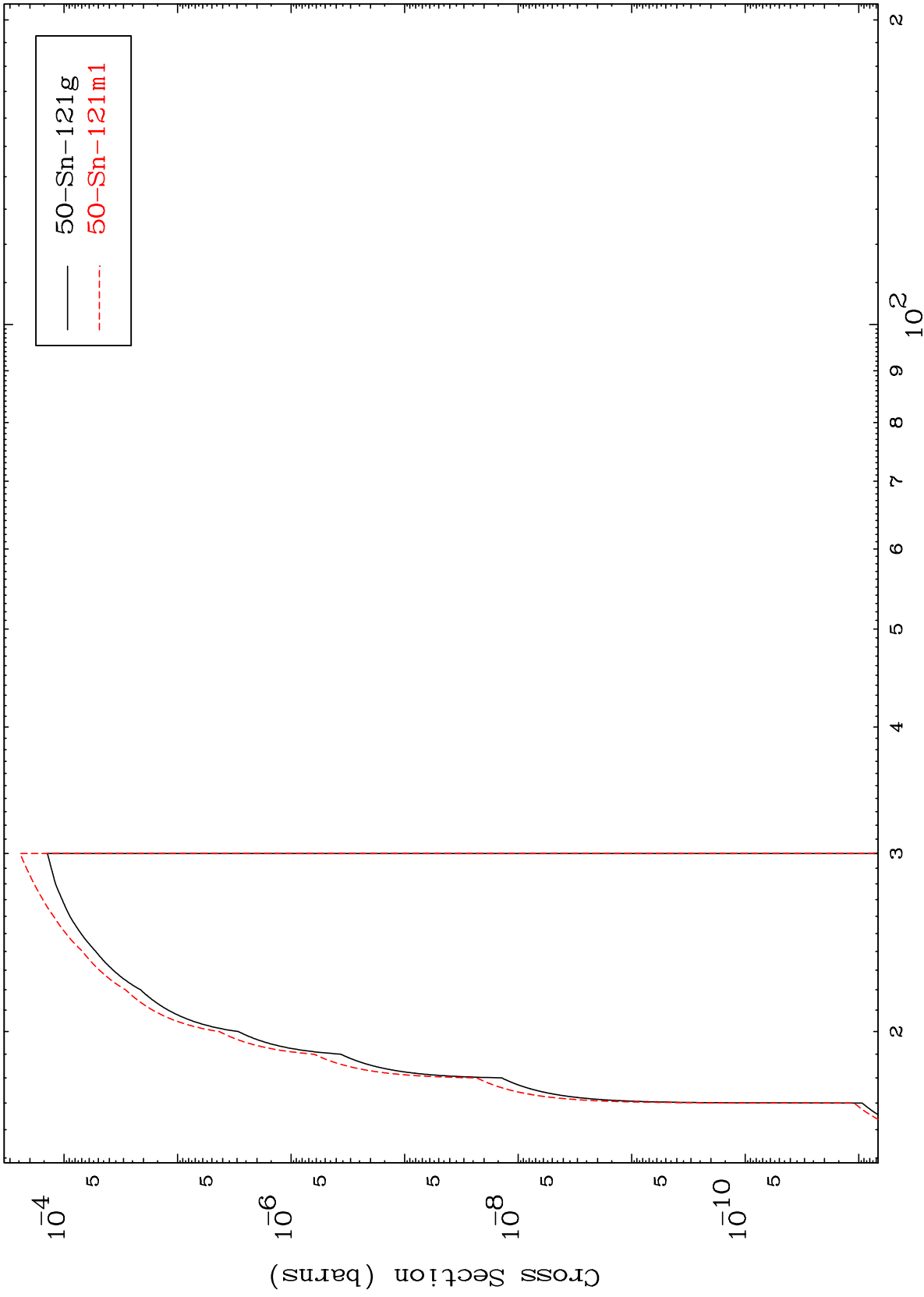
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

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



13

51-Sb-123

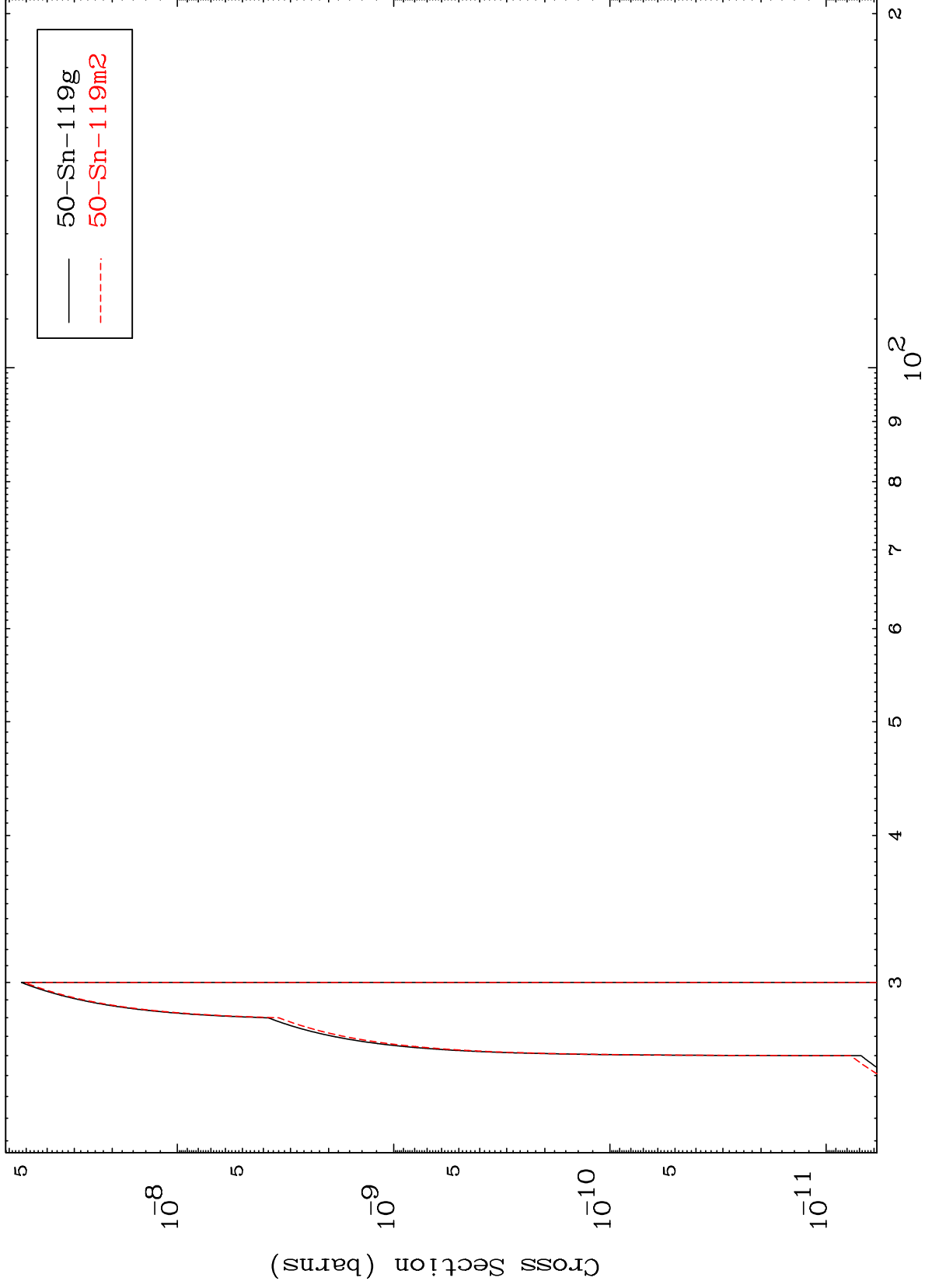
Incident Energy (MeV)

MAT 5131

( $\gamma, n'$ ) t

51-Sb-123

Radionuclide Production Cross Section



14

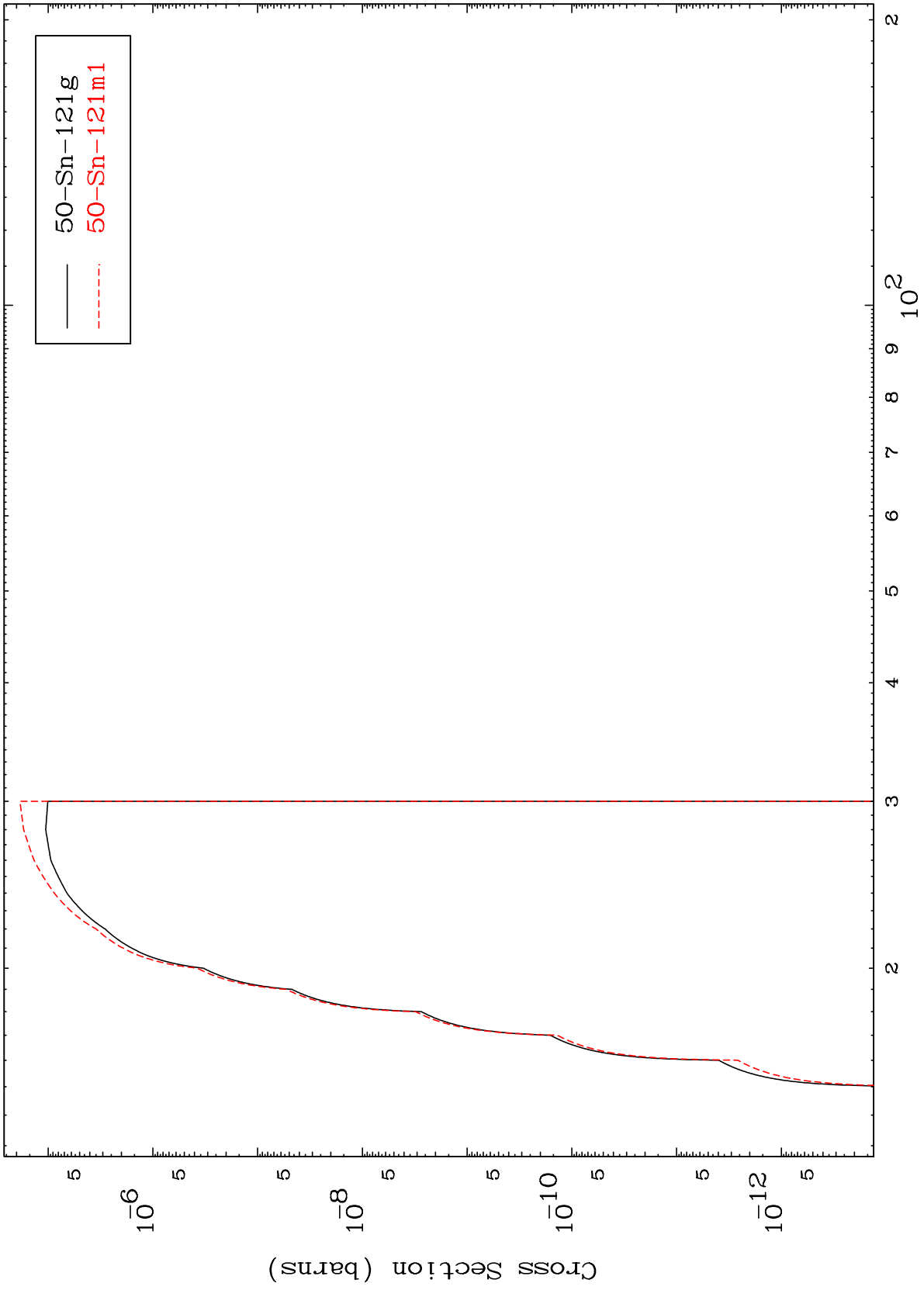
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

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



15

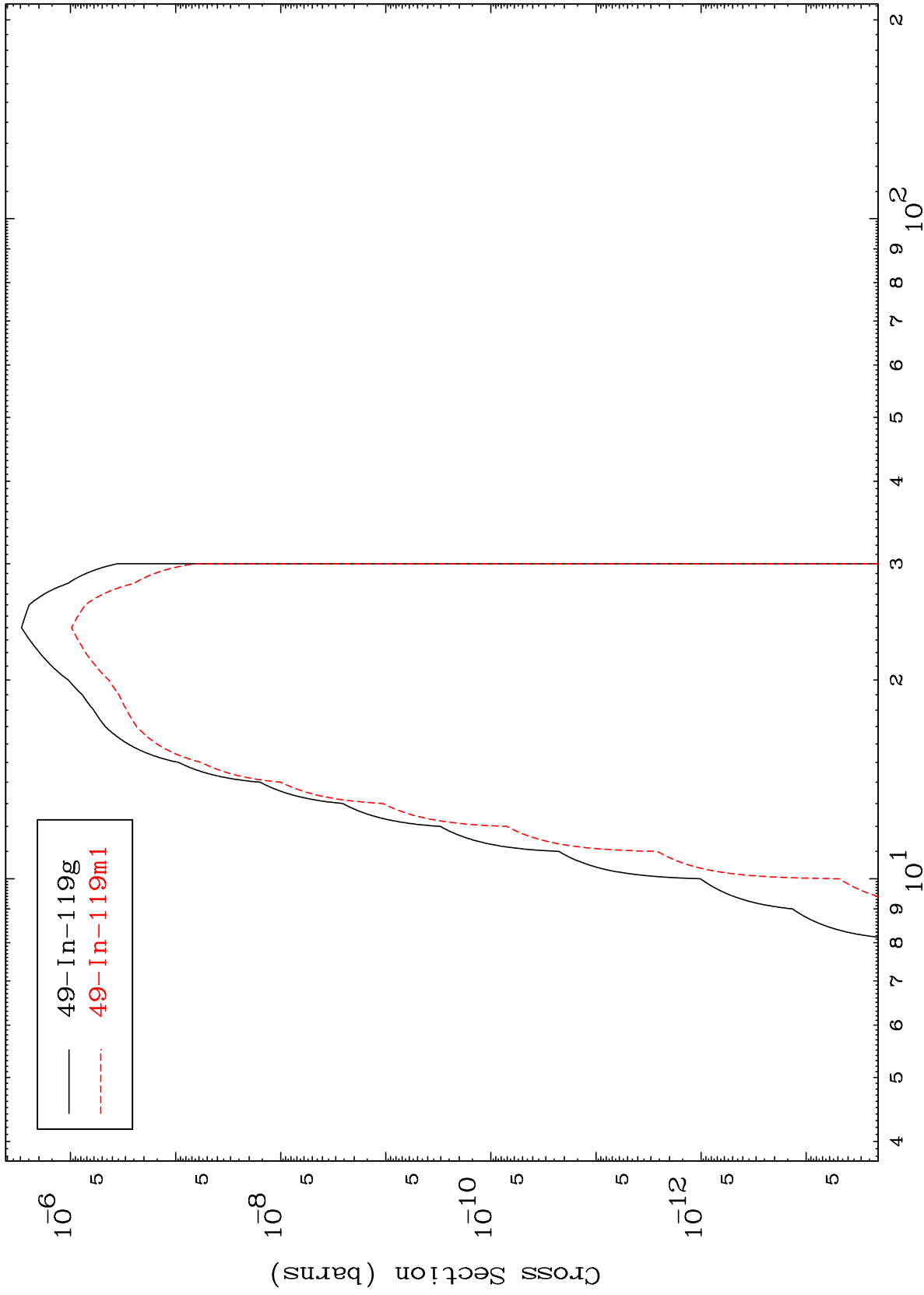
51-Sb-123



MAT 5131

51-Sb-123

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



16

Incident Energy (MeV)

51-Sb-123