

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

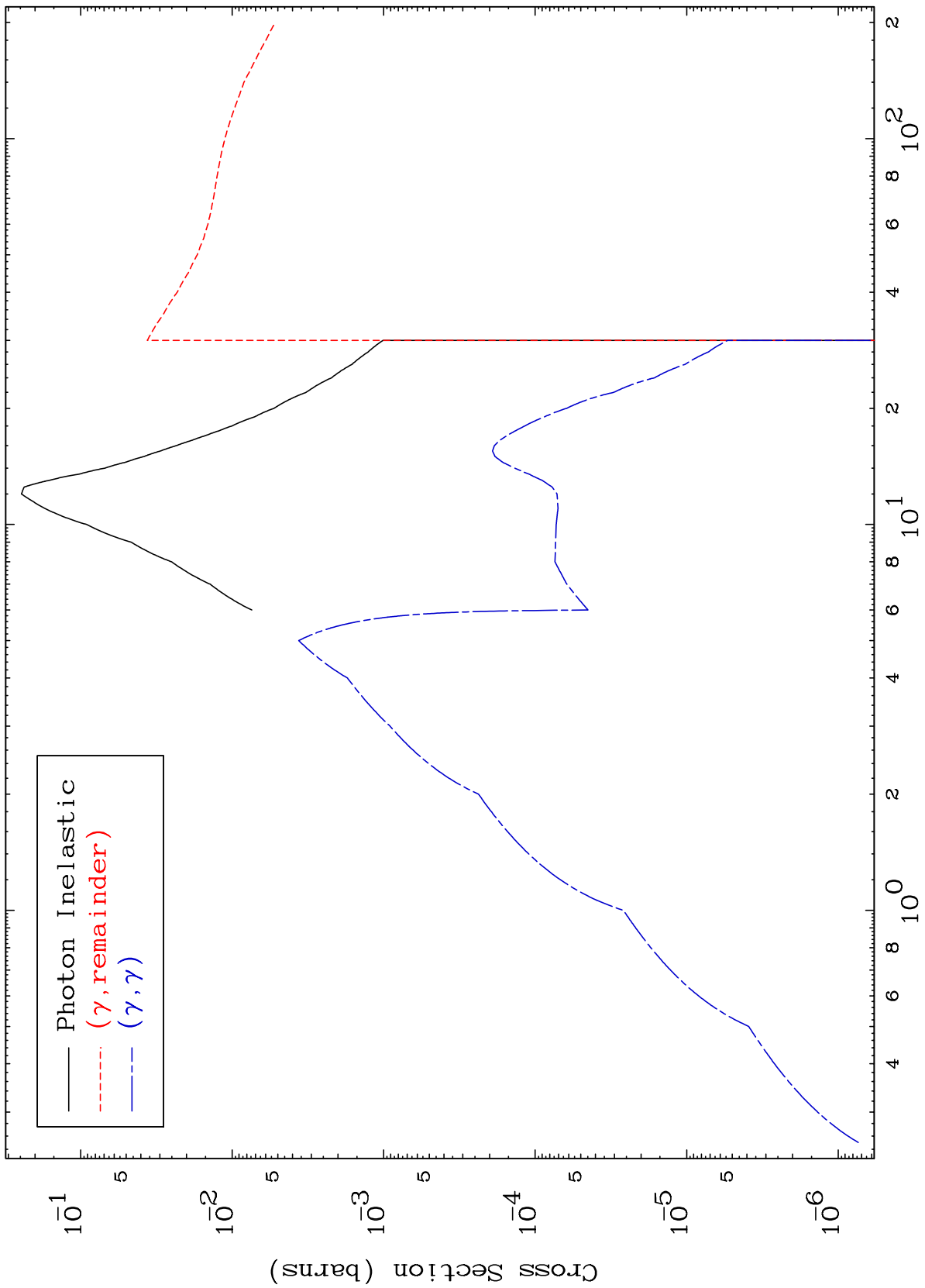
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7053

Photon Major  
0 Kelvin Cross Sections

70-Yb-177



— Photon Inelastic  
- - - (γ, remainder)  
- . - (γ, γ)

1

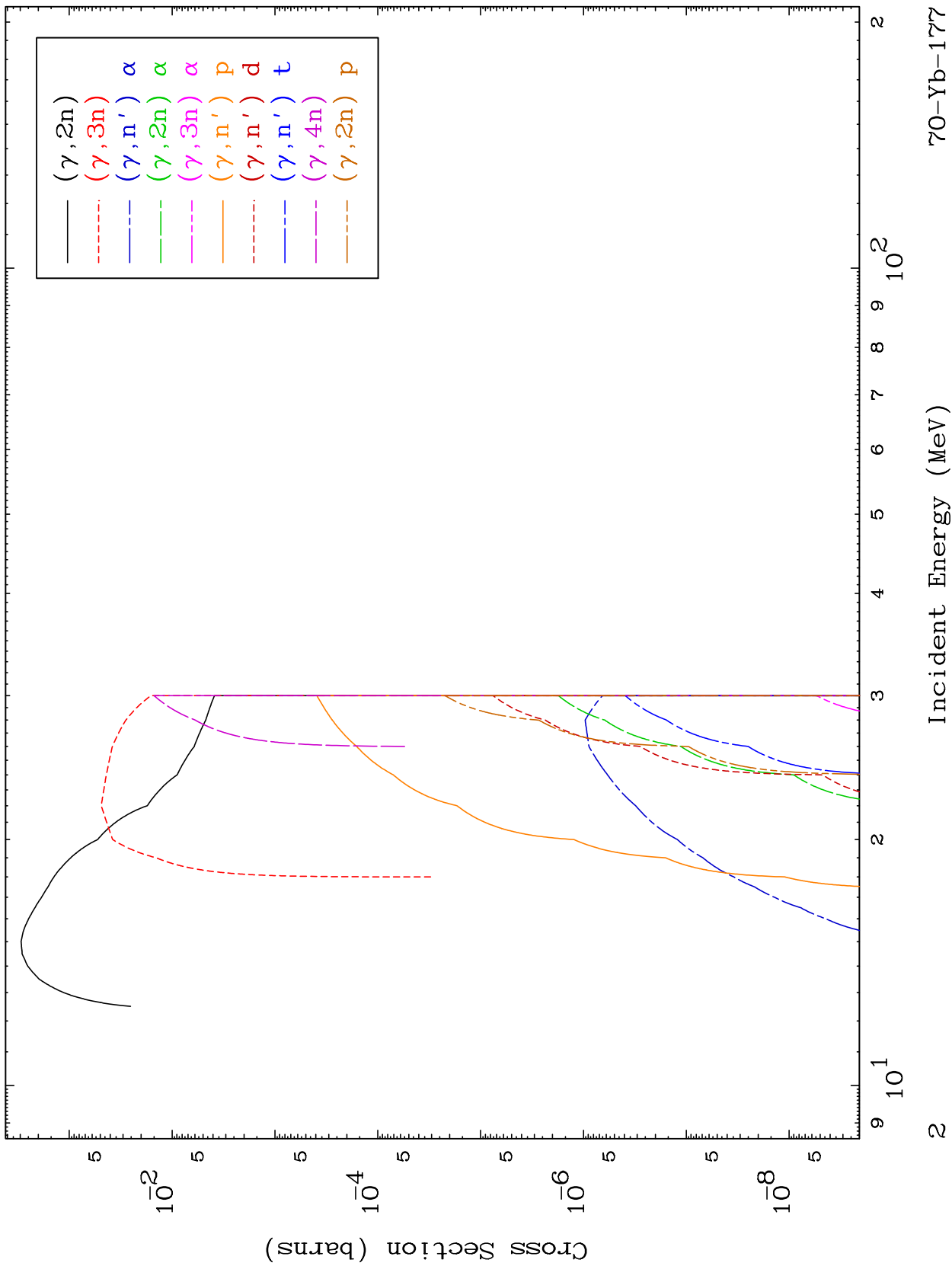
Incident Energy (MeV)

70-Yb-177

MAT 7053

Photon Neutron Production  
0 Kelvin Cross Sections

70-Yb-177



70-Yb-177

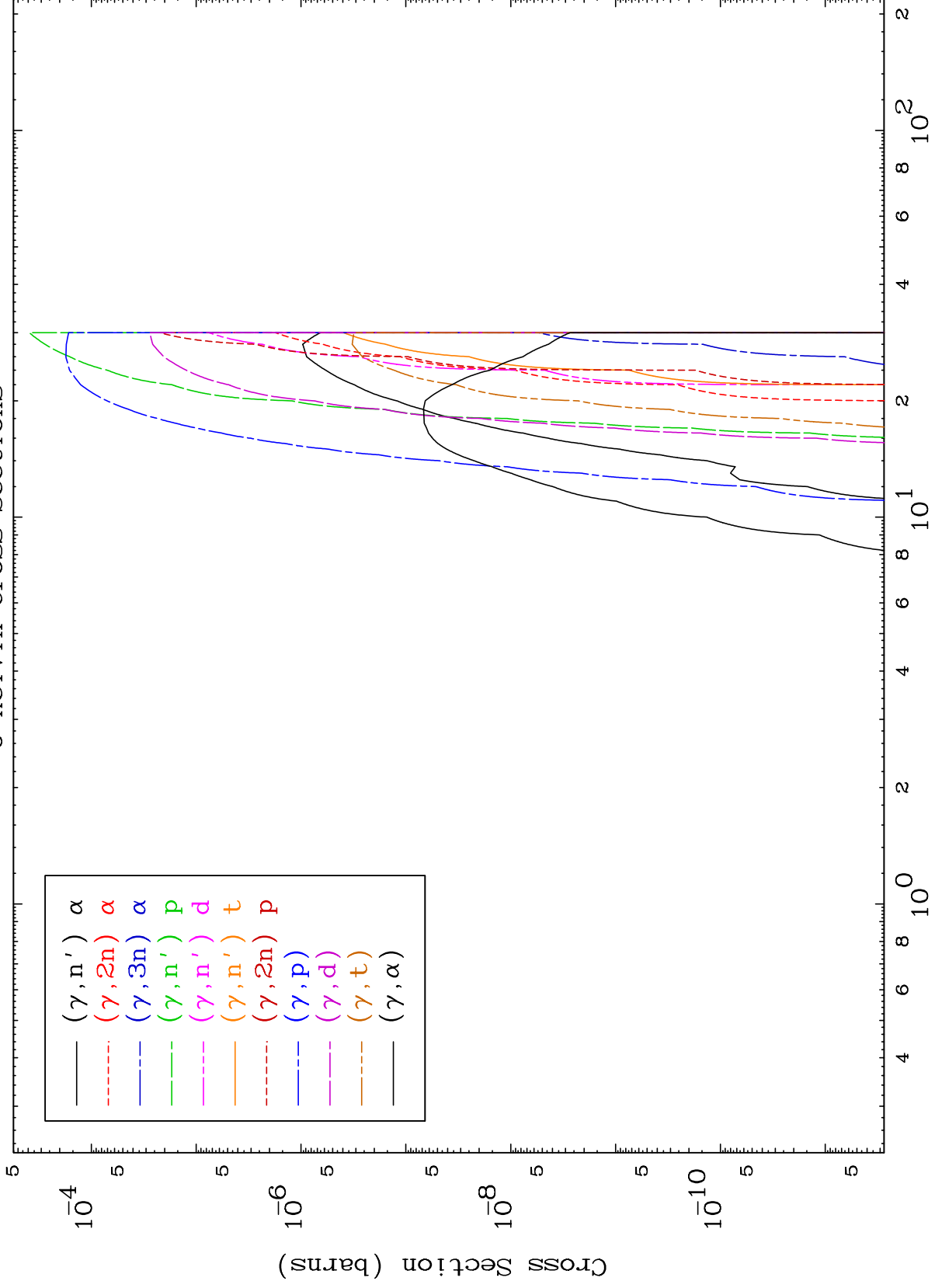
Incident Energy (MeV)

2

MAT 7053

Photon Charged Particle  
0 Kelvin Cross Sections

70-Yb-177

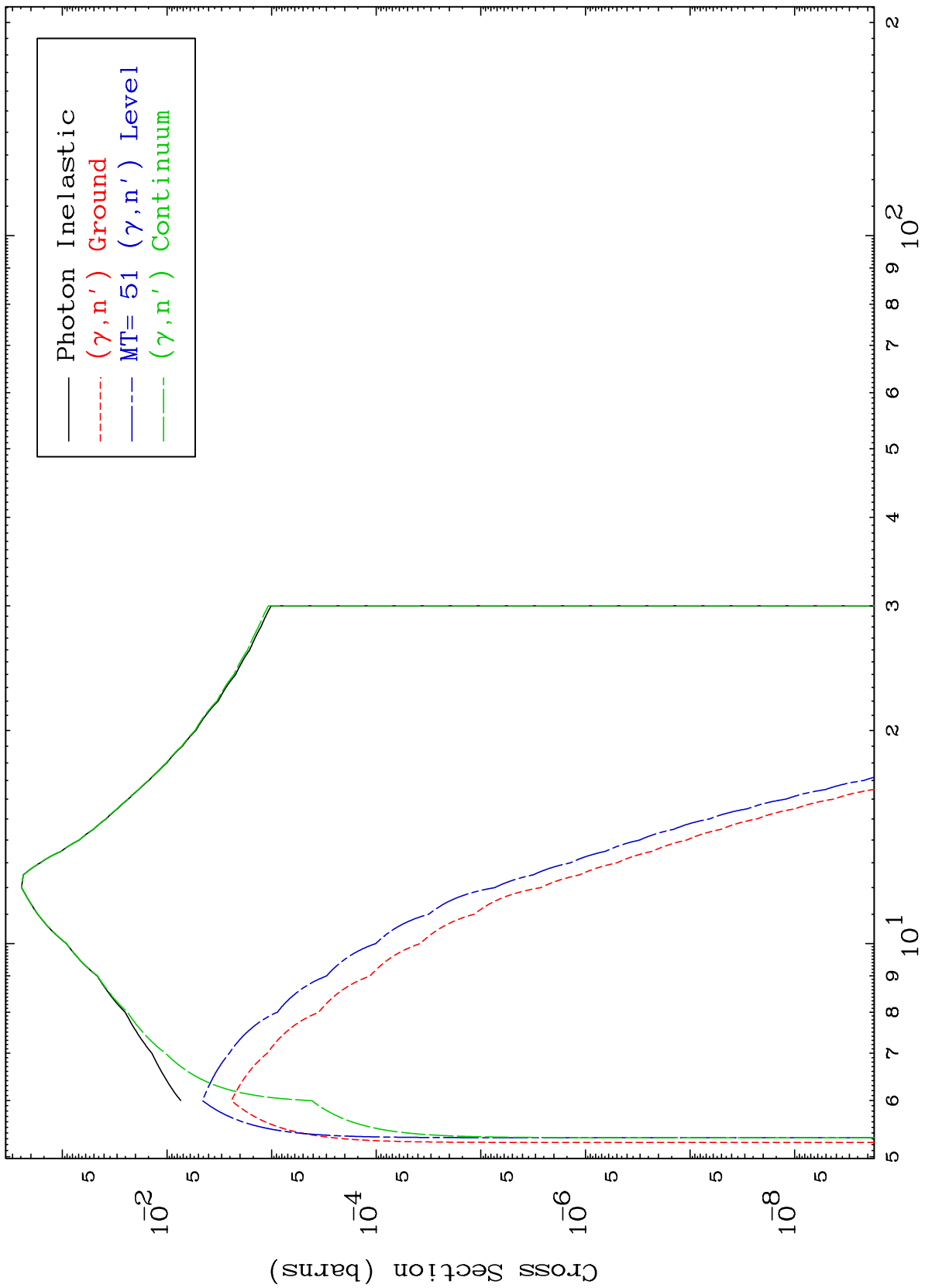


MAT 7053

$(\gamma, n')$  Level

70-Yb-177

0 Kelvin Cross Sections



Incident Energy (MeV)

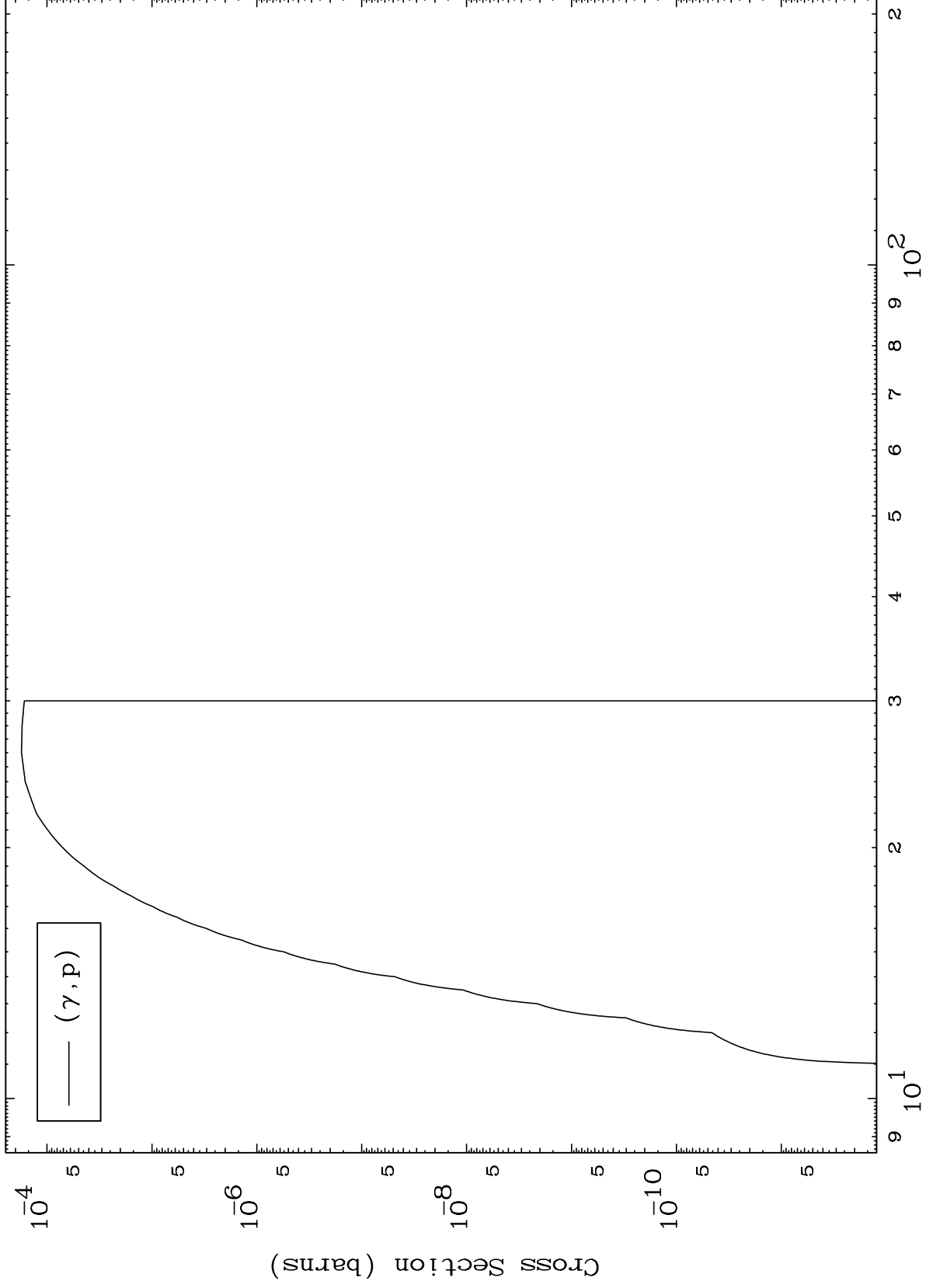
70-Yb-177

4

MAT 7053

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

70-Yb-177



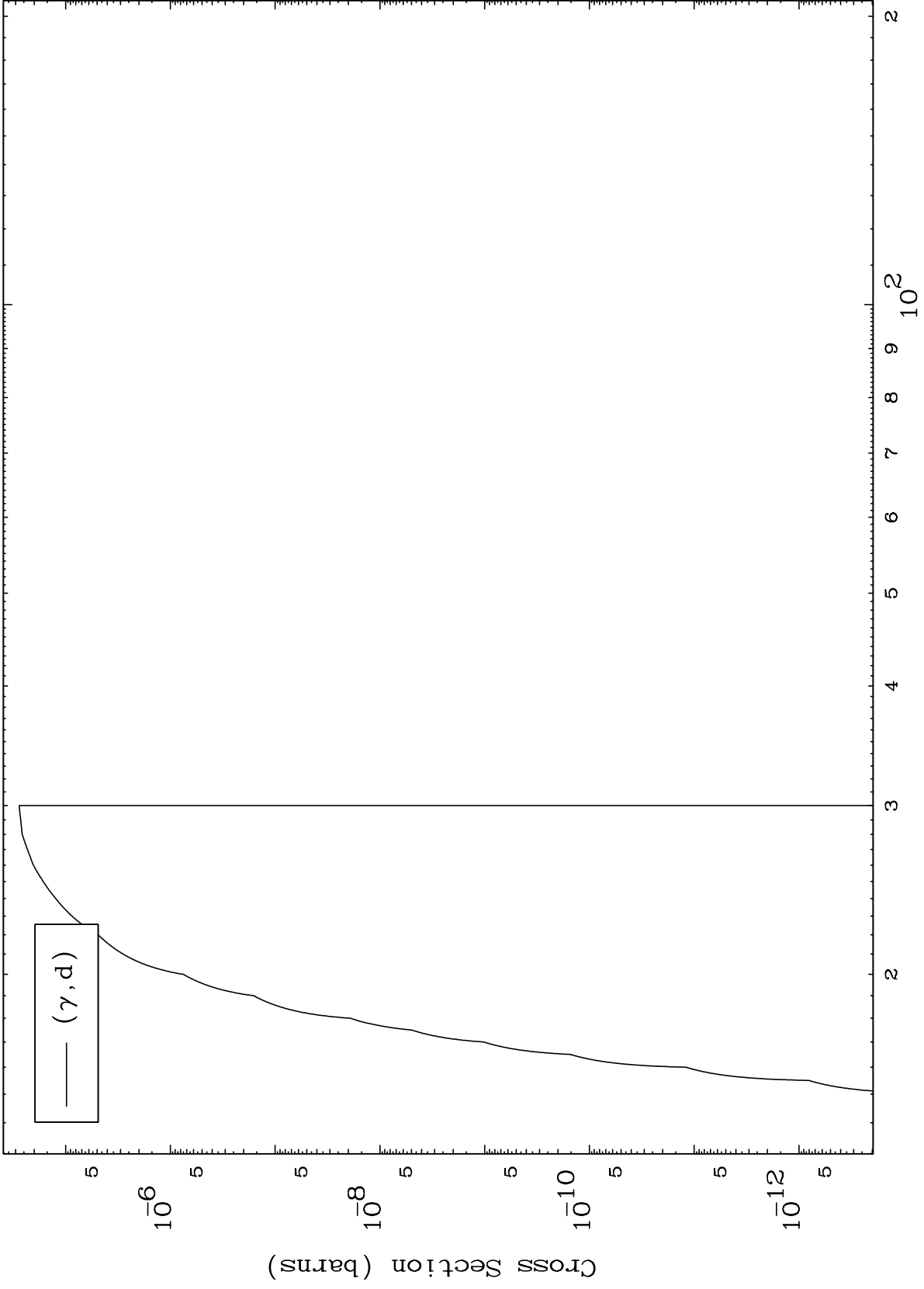
Incident Energy (MeV)

70-Yb-177

MAT 7053

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

70-Yb-177



6

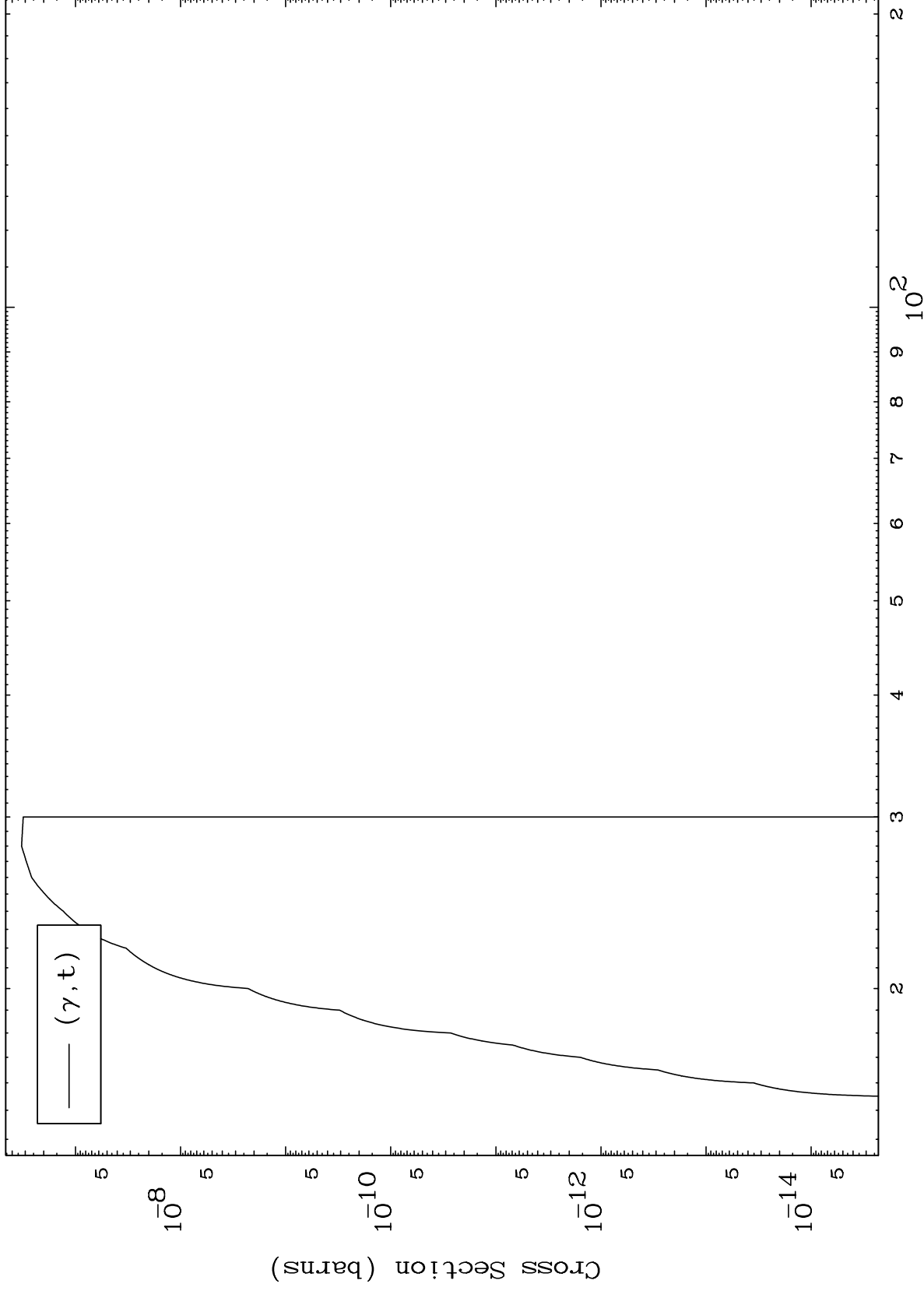
Incident Energy (MeV)

70-Yb-177

MAT 7053

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

70-Yb-177



7

Incident Energy (MeV)

70-Yb-177

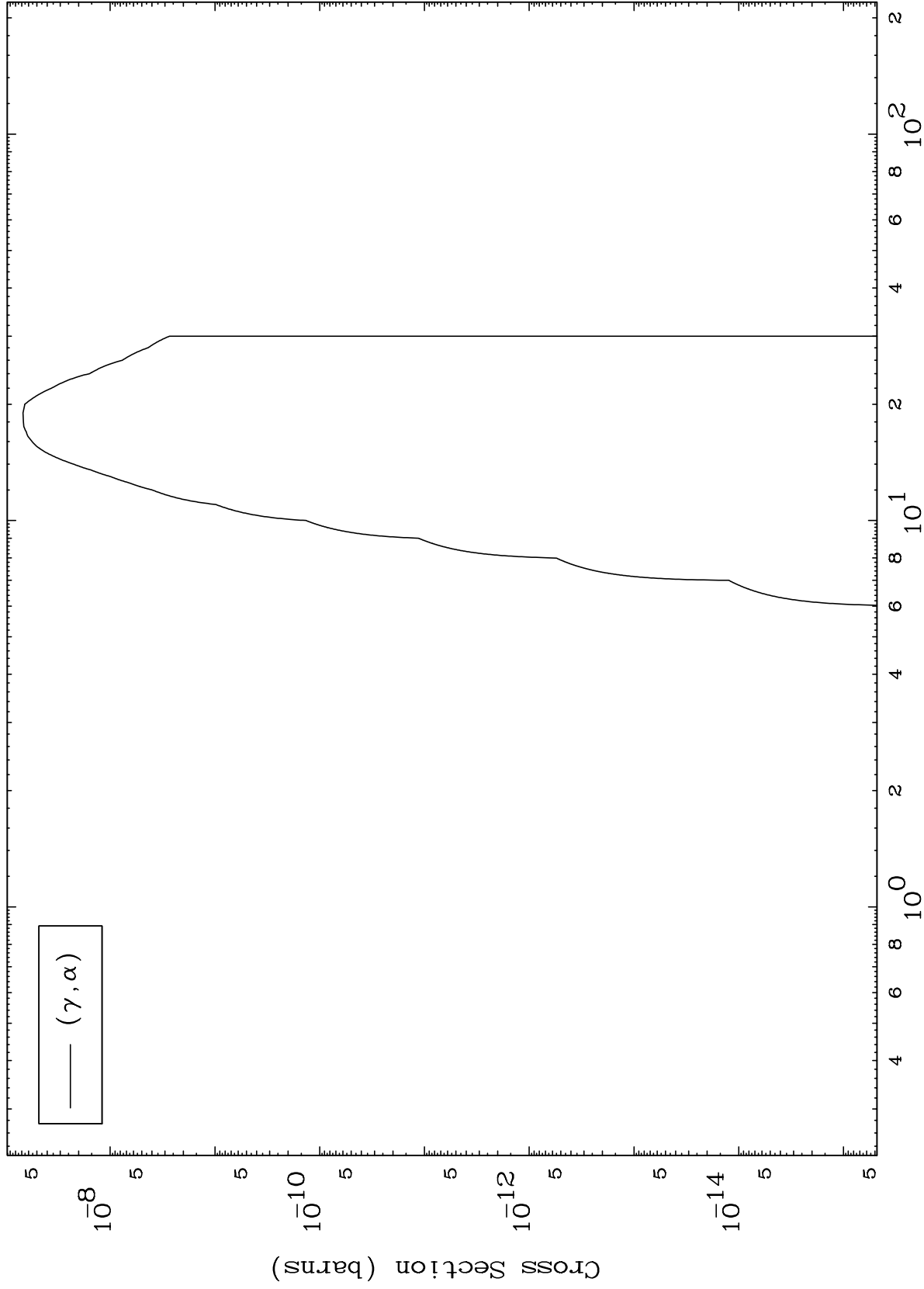


MAT 7053

( $\gamma, \alpha$ ) Levels

70-Yb-177

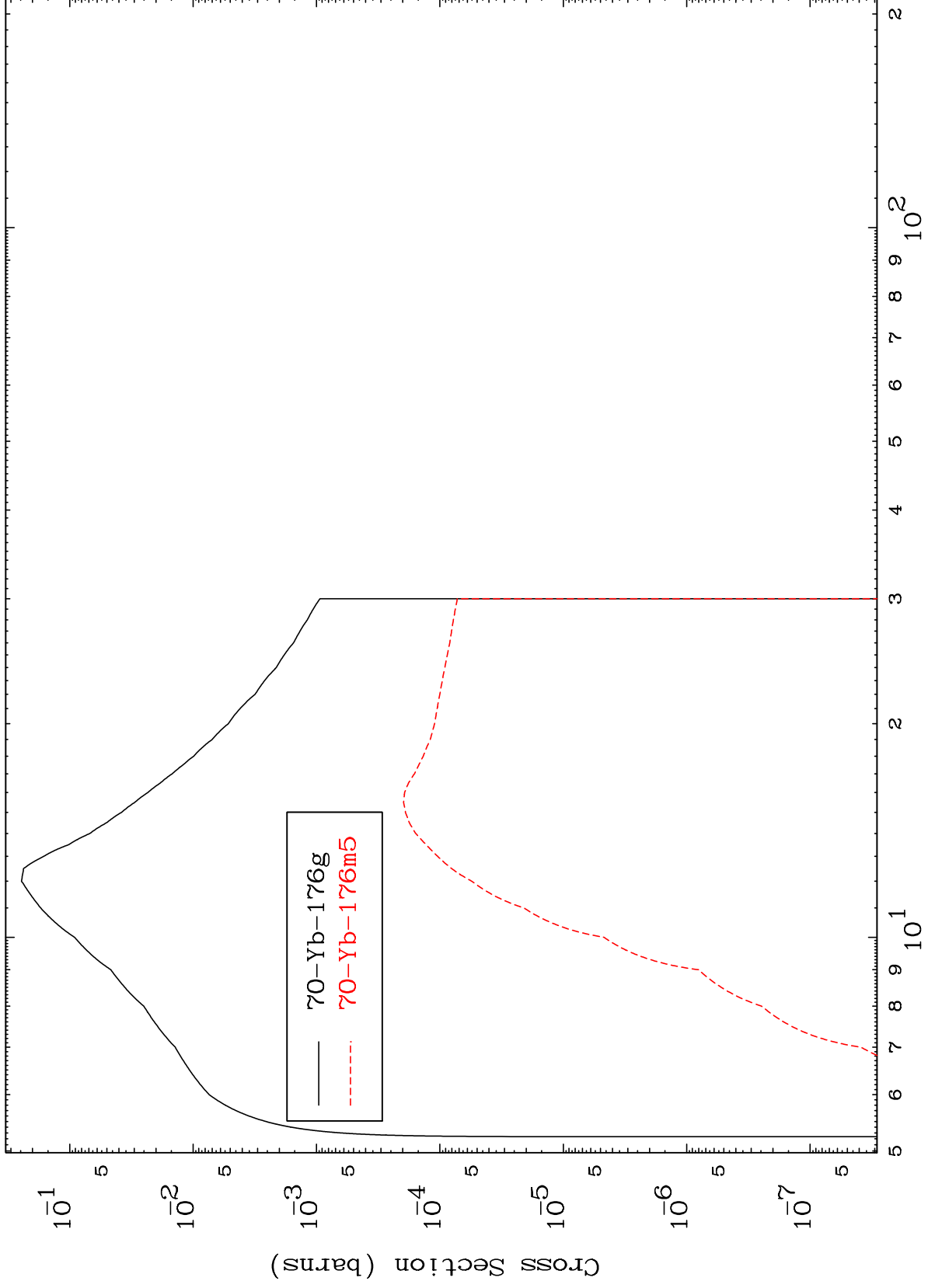
0 Kelvin Cross Sections



MAT 7053

Photon Inelastic  
Radionuclide Production Cross Section

70-Yb-177



9

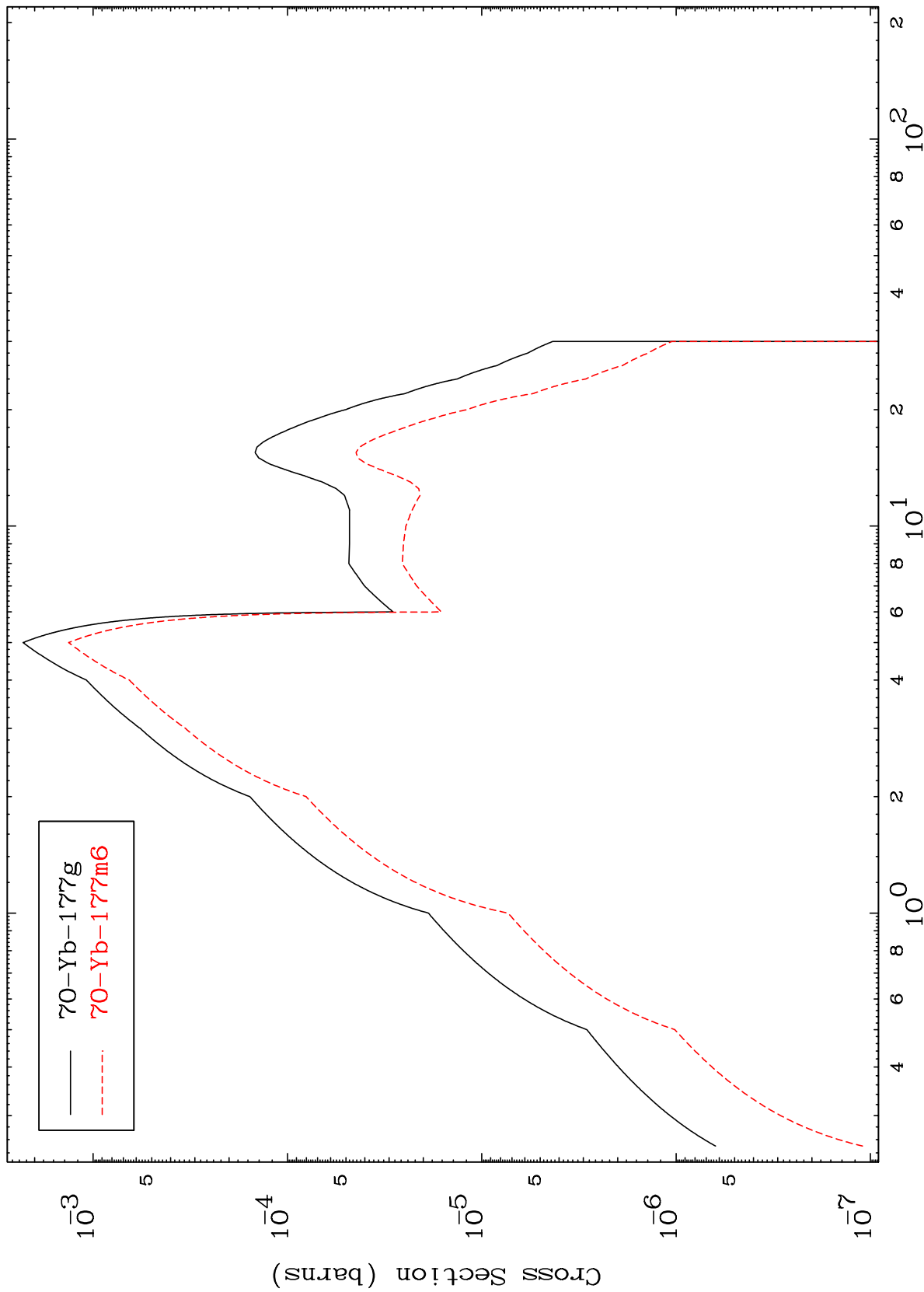
Incident Energy (MeV)

70-Yb-177

MAT 7053

$^{70}\text{Yb-177}$

Radionuclide Production Cross Section



Incident Energy (MeV)

$^{70}\text{Yb-177}$