

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

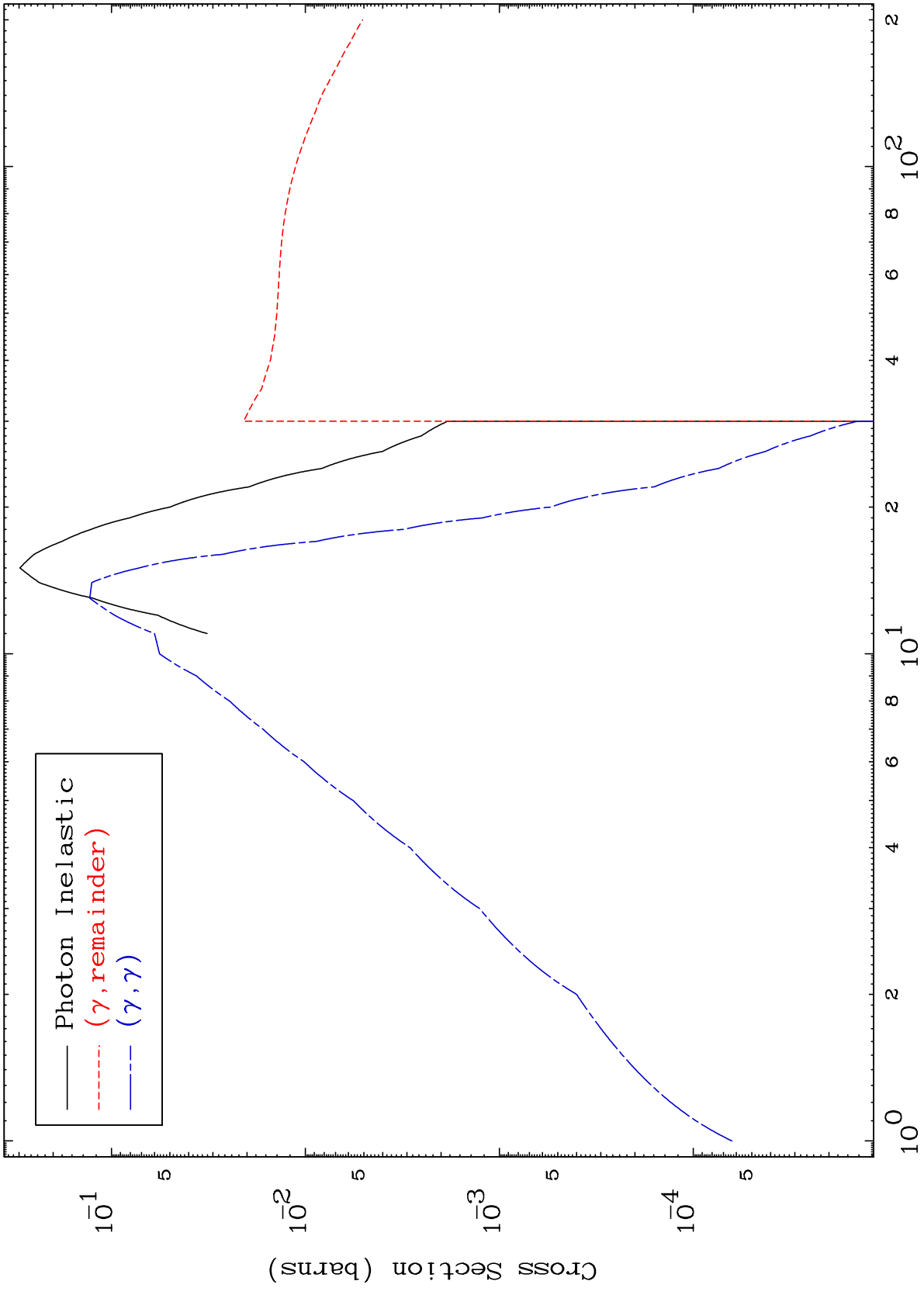
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7007

Photon Major  
0 Kelvin Cross Sections

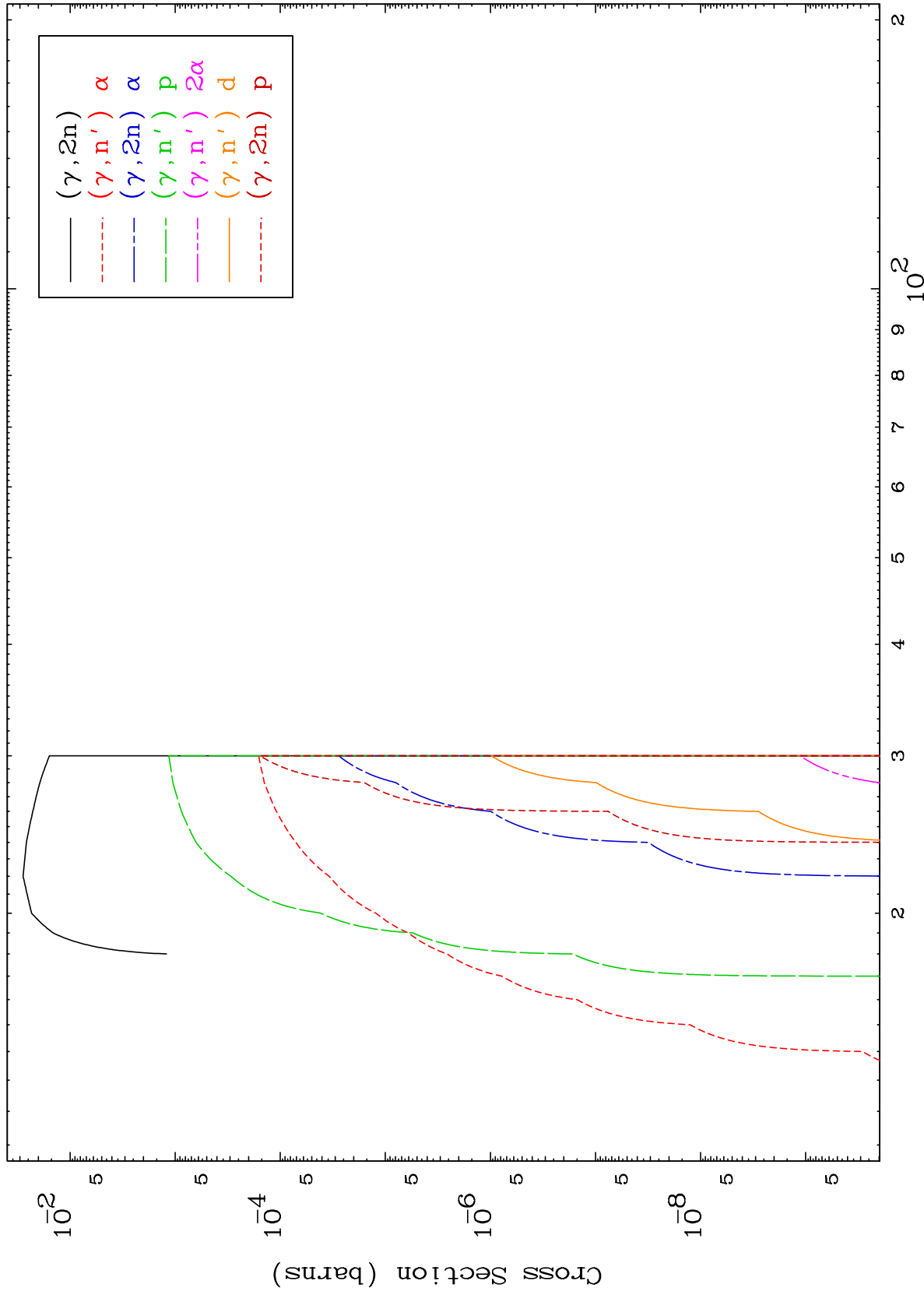
70-Yb-162

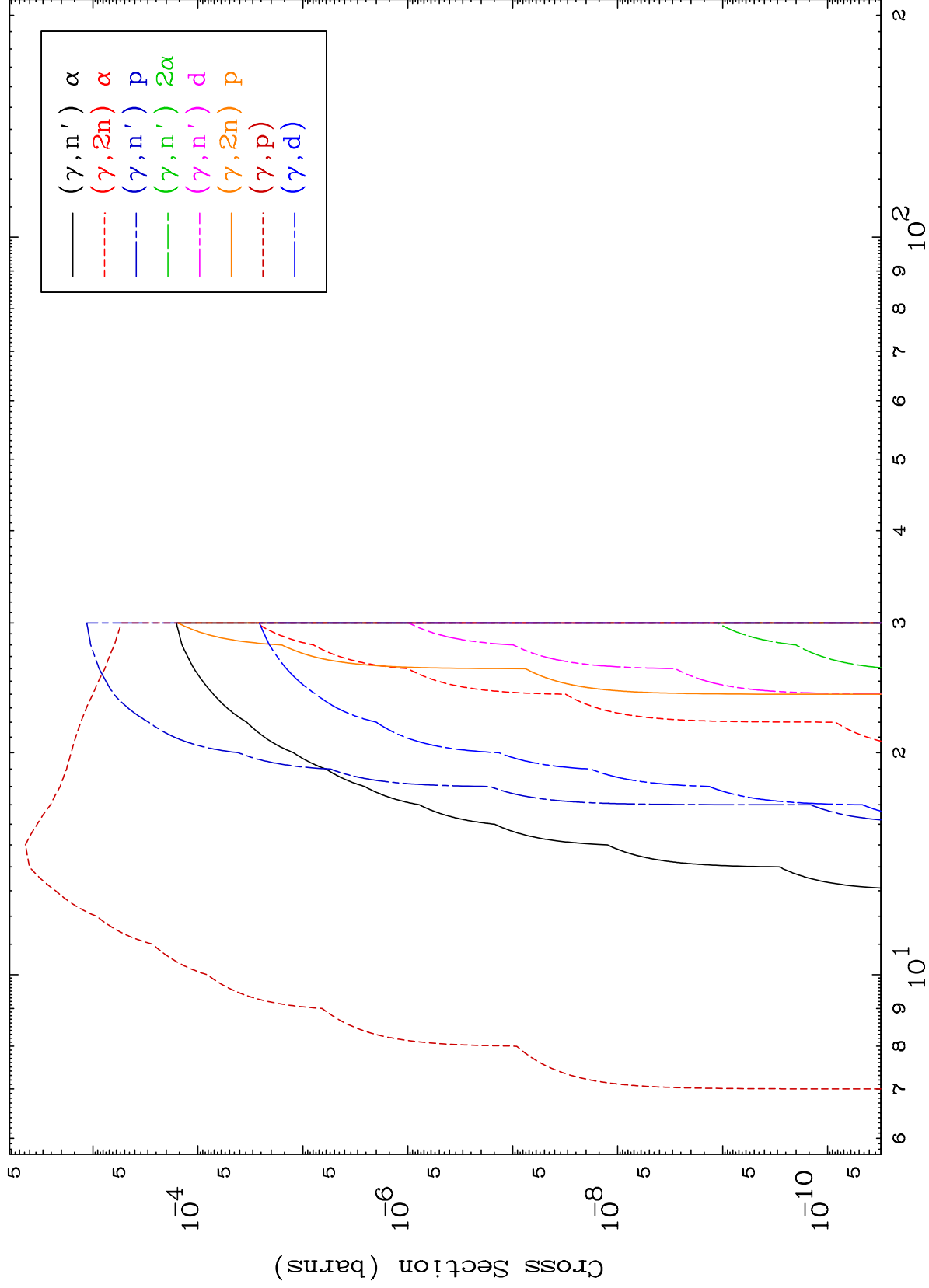


Photon Inelastic  
(γ, remainder)  
(γ, γ)

Incident Energy (MeV)

70-Yb-162

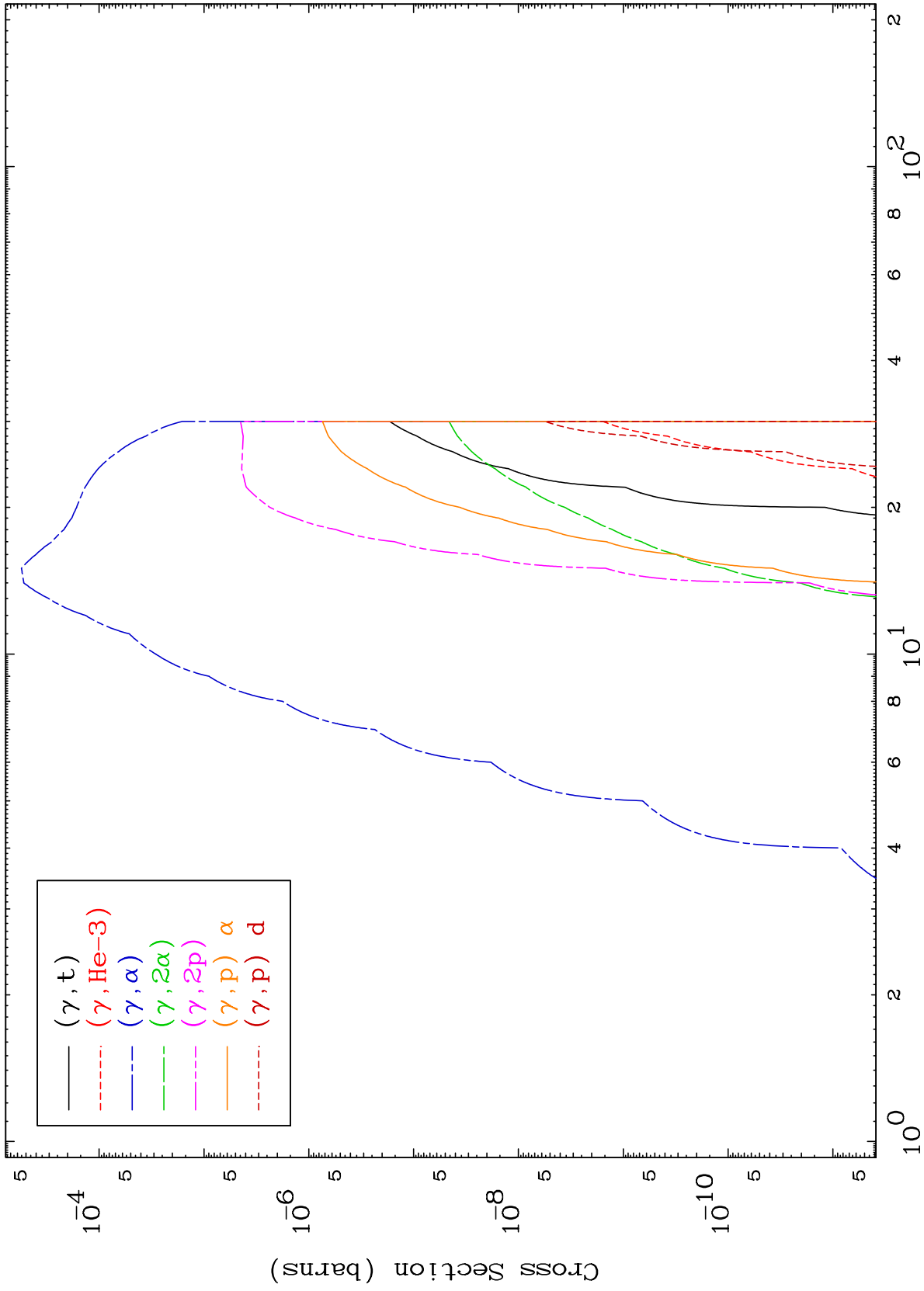




MAT 7007

Photon Charged Particle  
0 Kelvin Cross Sections

70-Yb-162



Incident Energy (MeV)

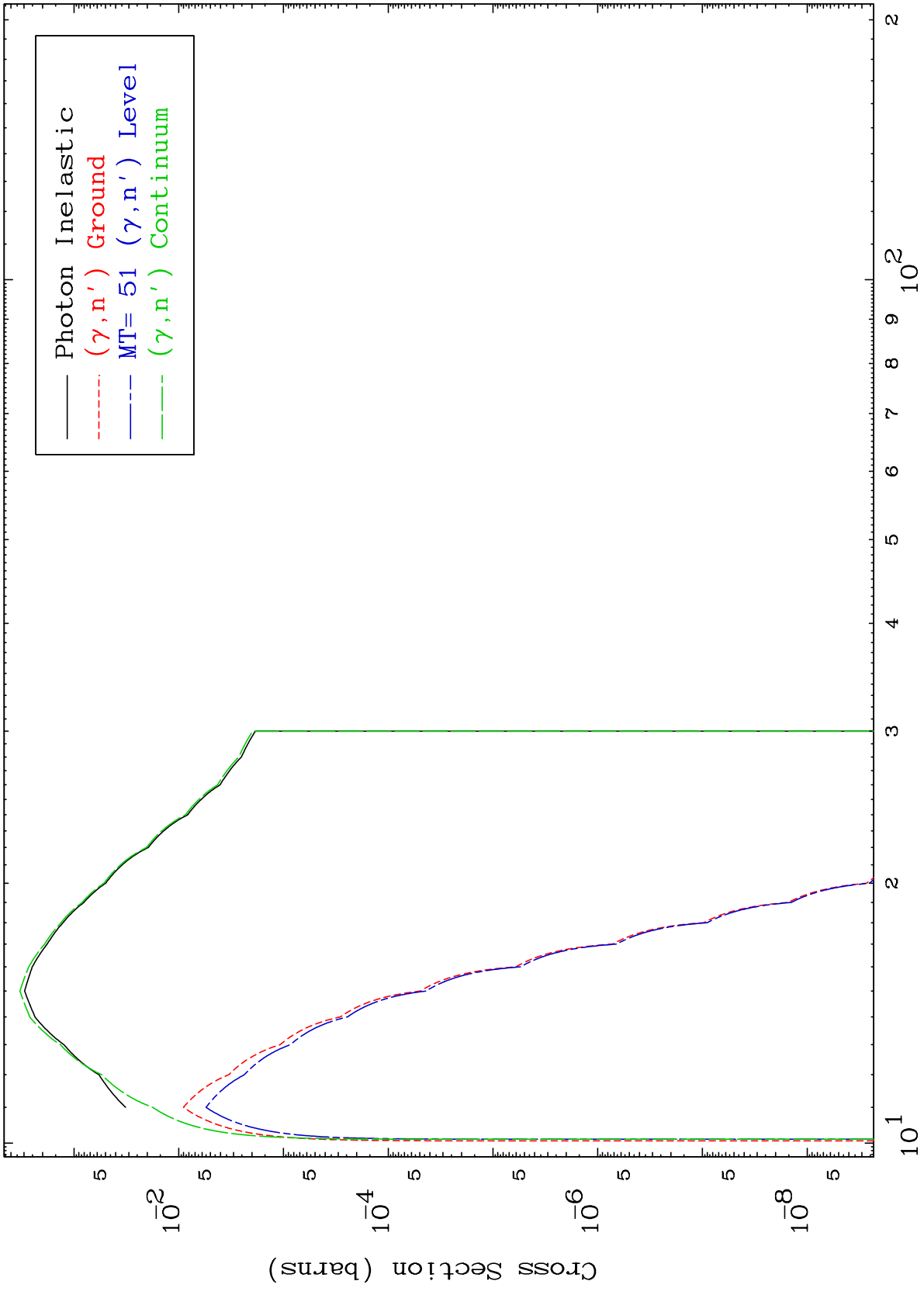
70-Yb-162

MAT 7007

$(\gamma, n')$  Level

0 Kelvin Cross Sections

70-Yb-162



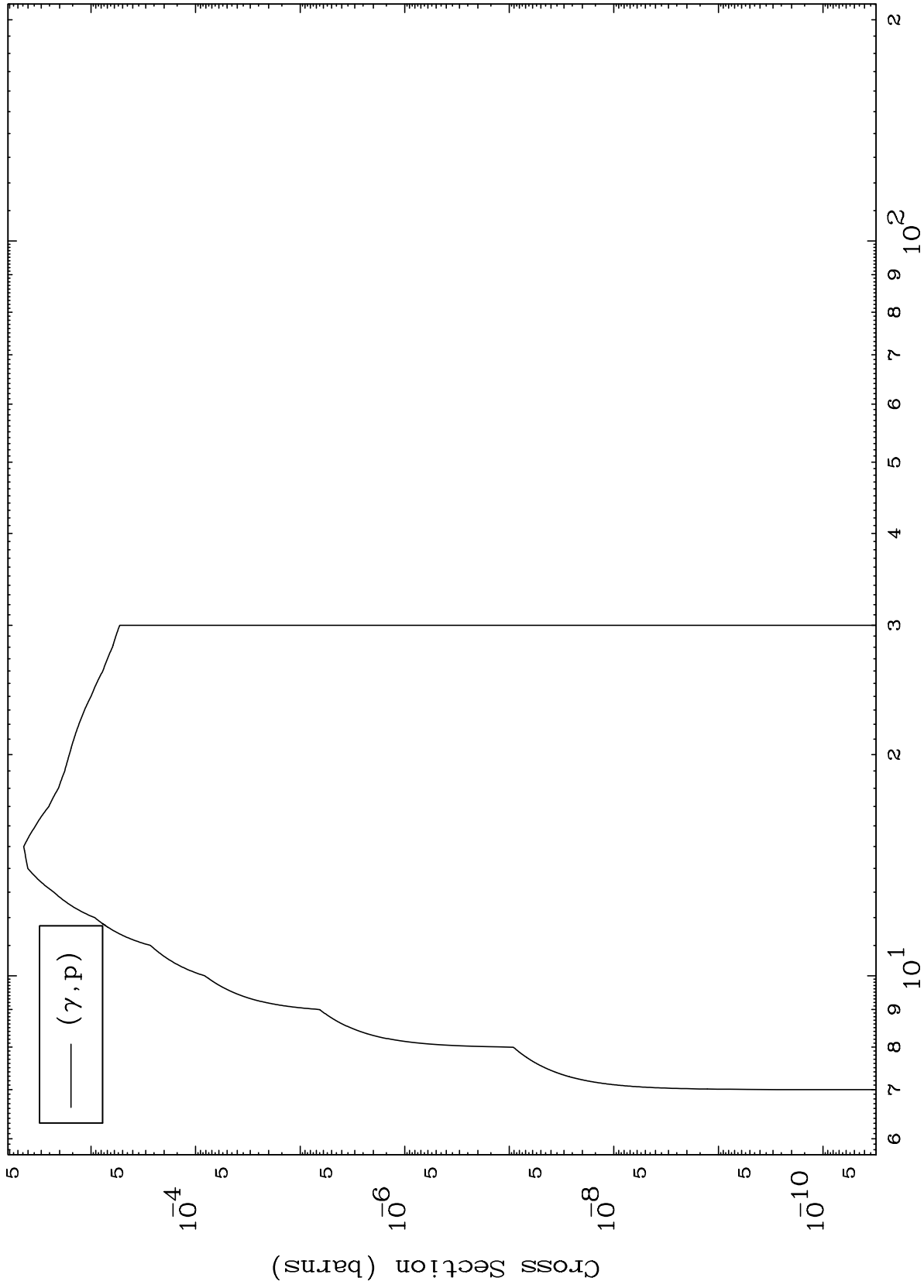
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



6

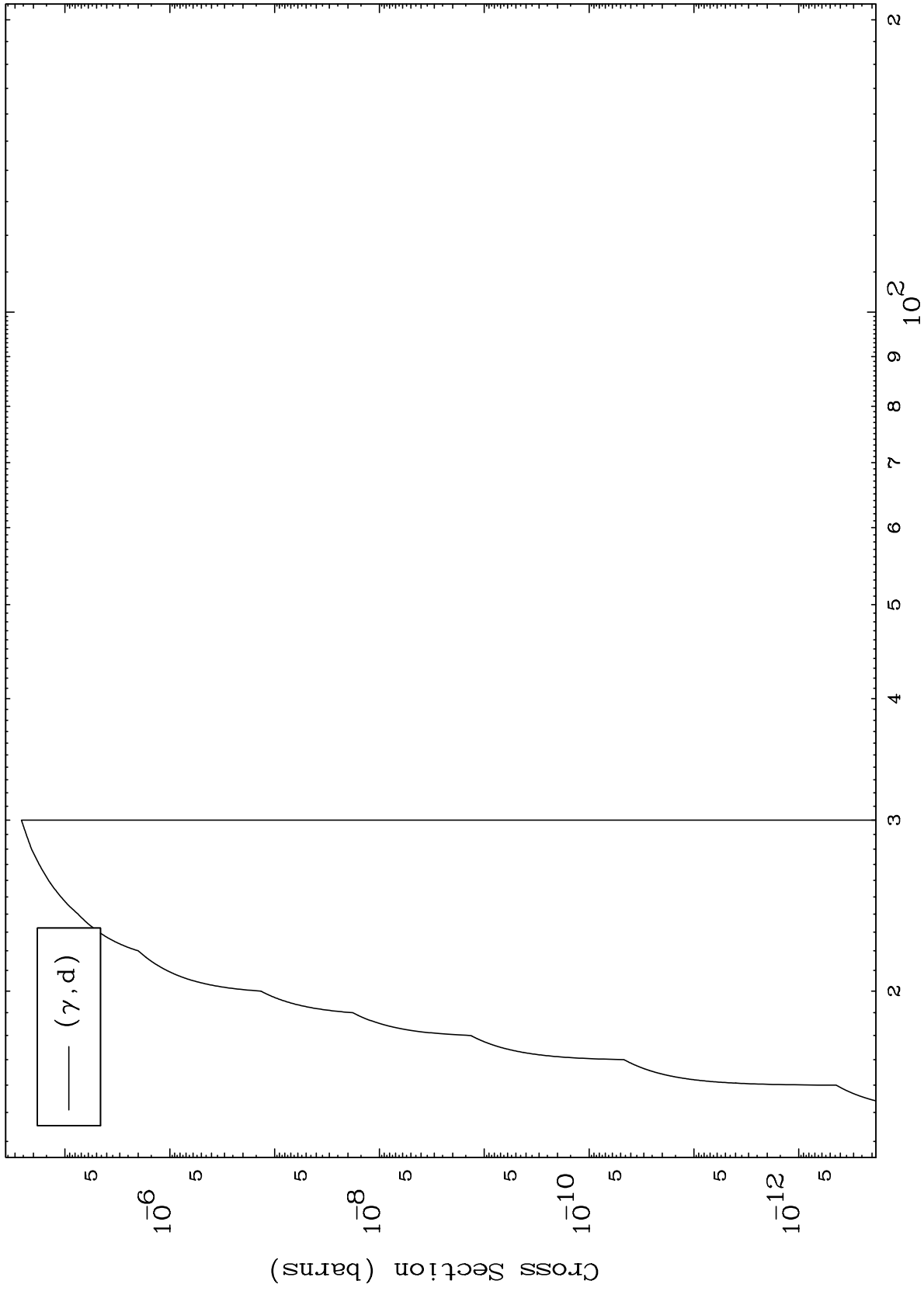
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



7

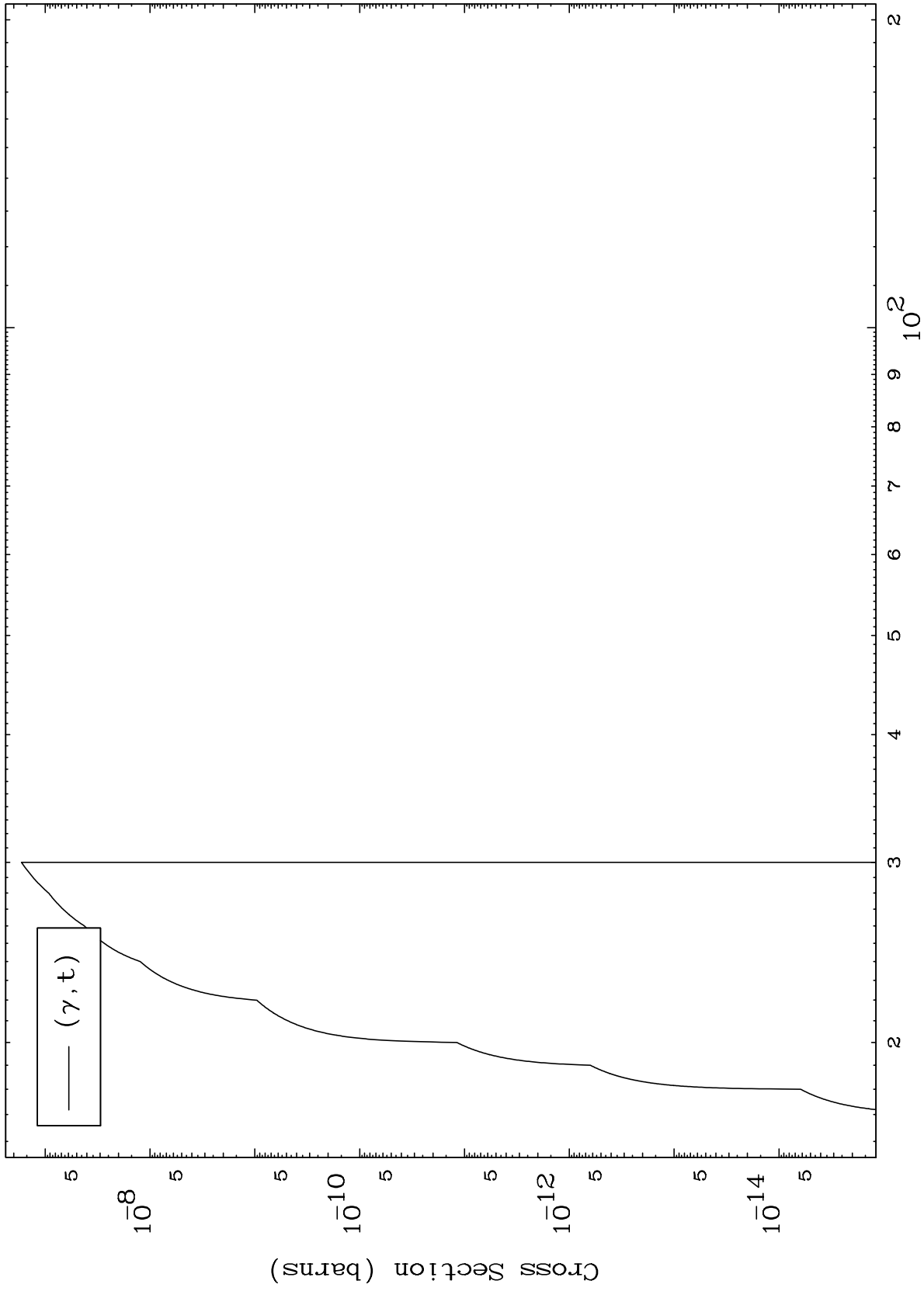
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

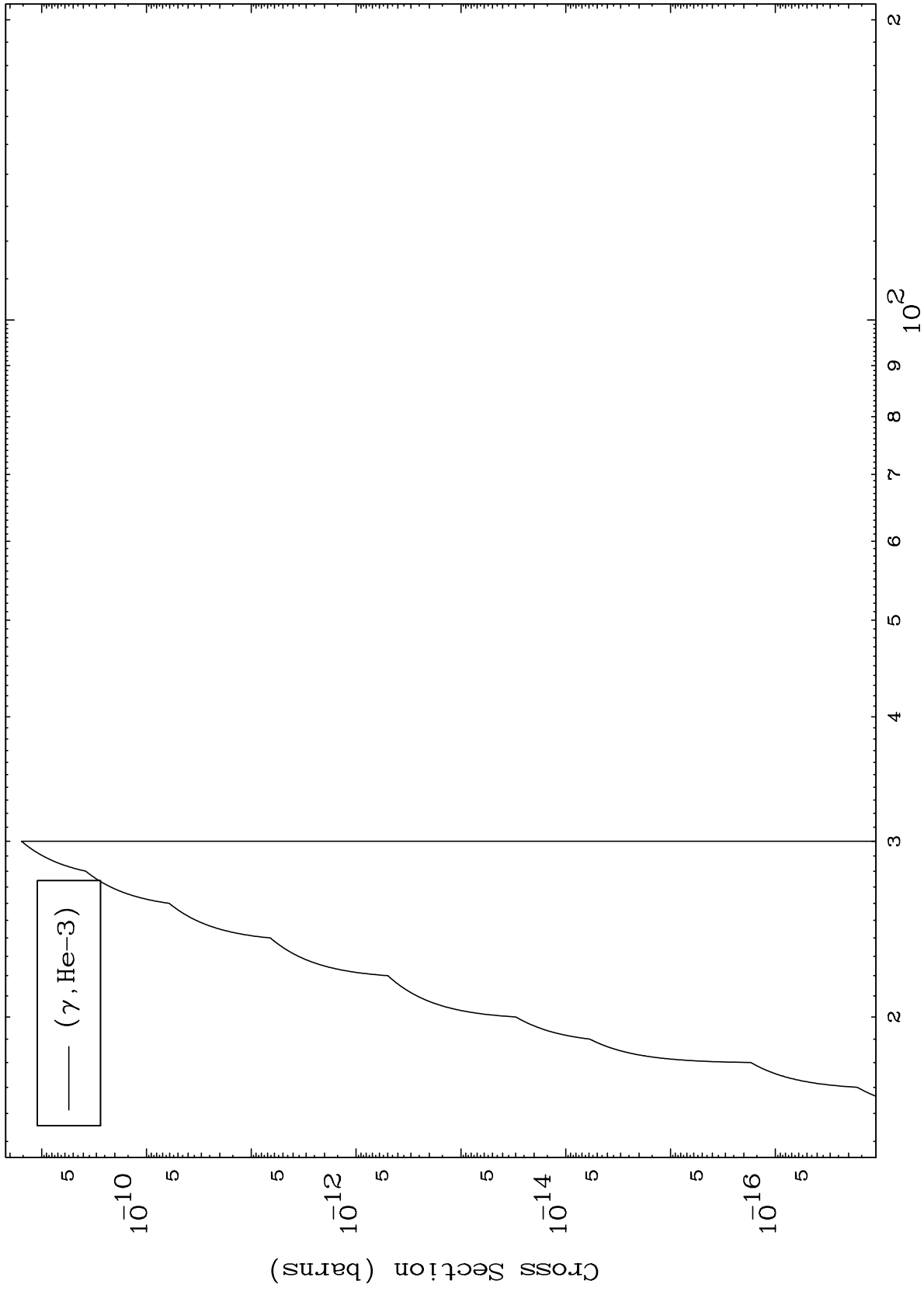
70-Yb-162



8

Incident Energy (MeV)

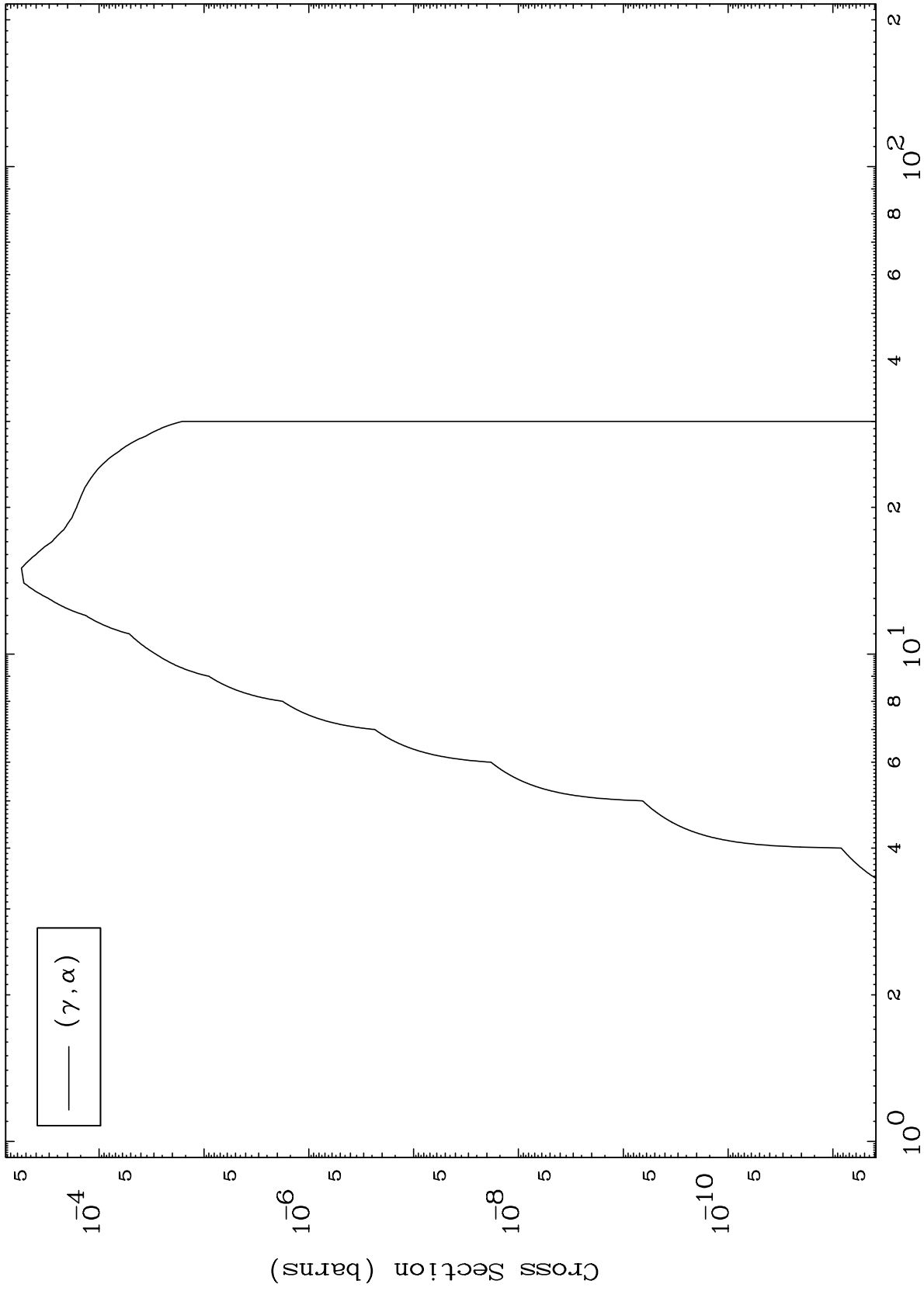
70-Yb-162



MAT 7007

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

70-Yb-162



Incident Energy (MeV)

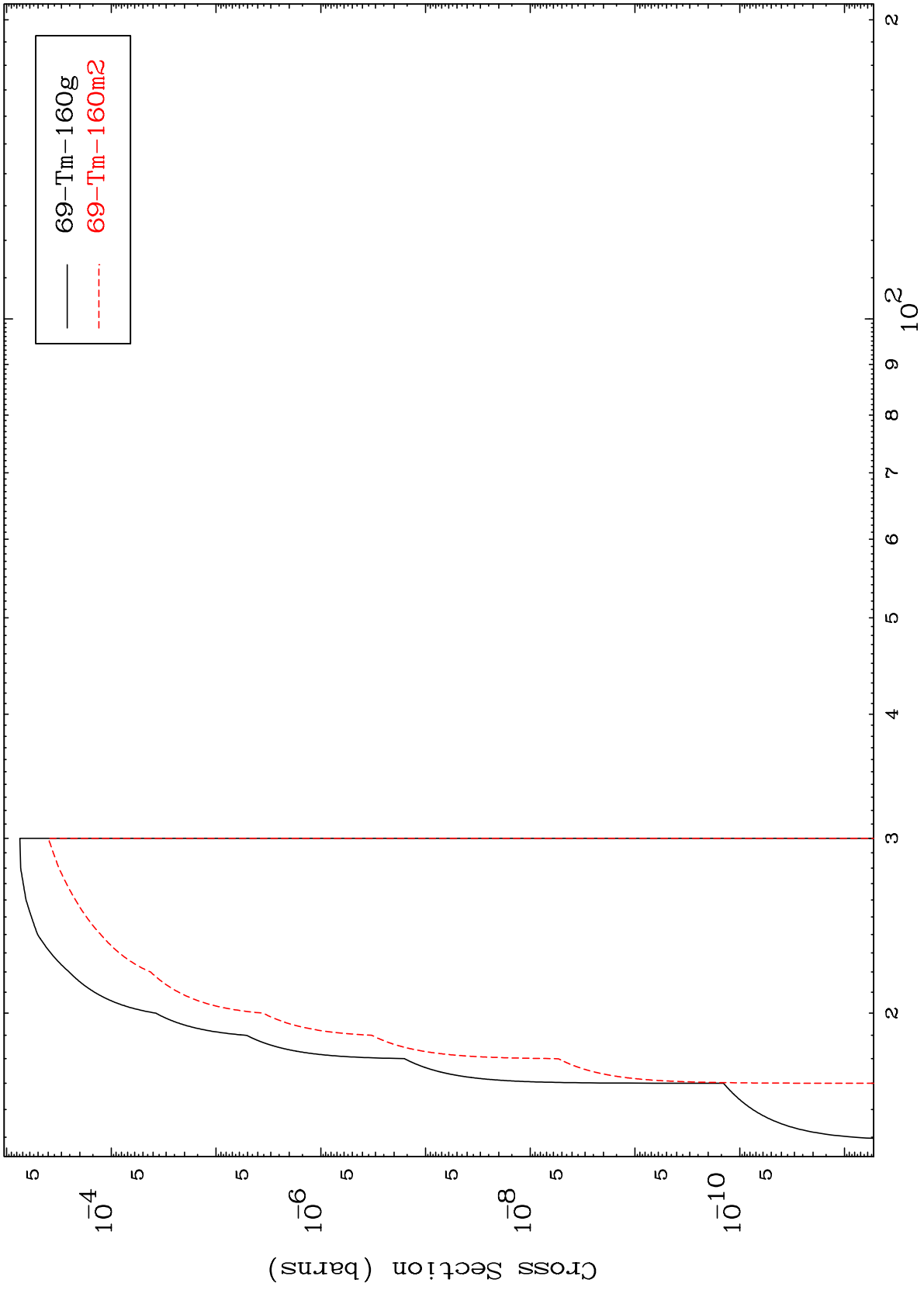
70-Yb-162

MAT 7007

$(\gamma, n')$  p

70-Yb-162

Radionuclide Production Cross Section



11

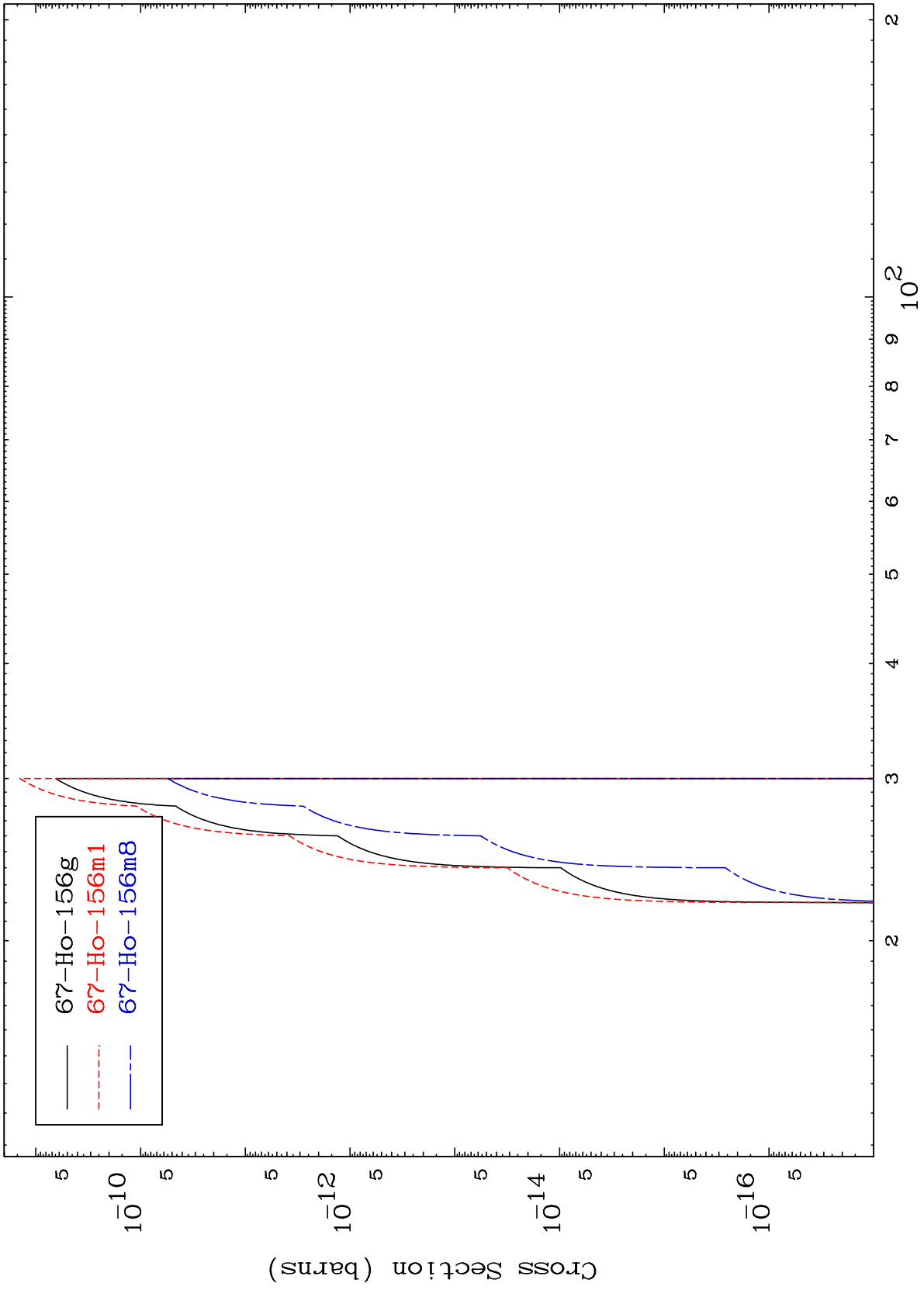
Incident Energy (MeV)

70-Yb-162

MAT 7007

70-Yb-162

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



12

Incident Energy (MeV)

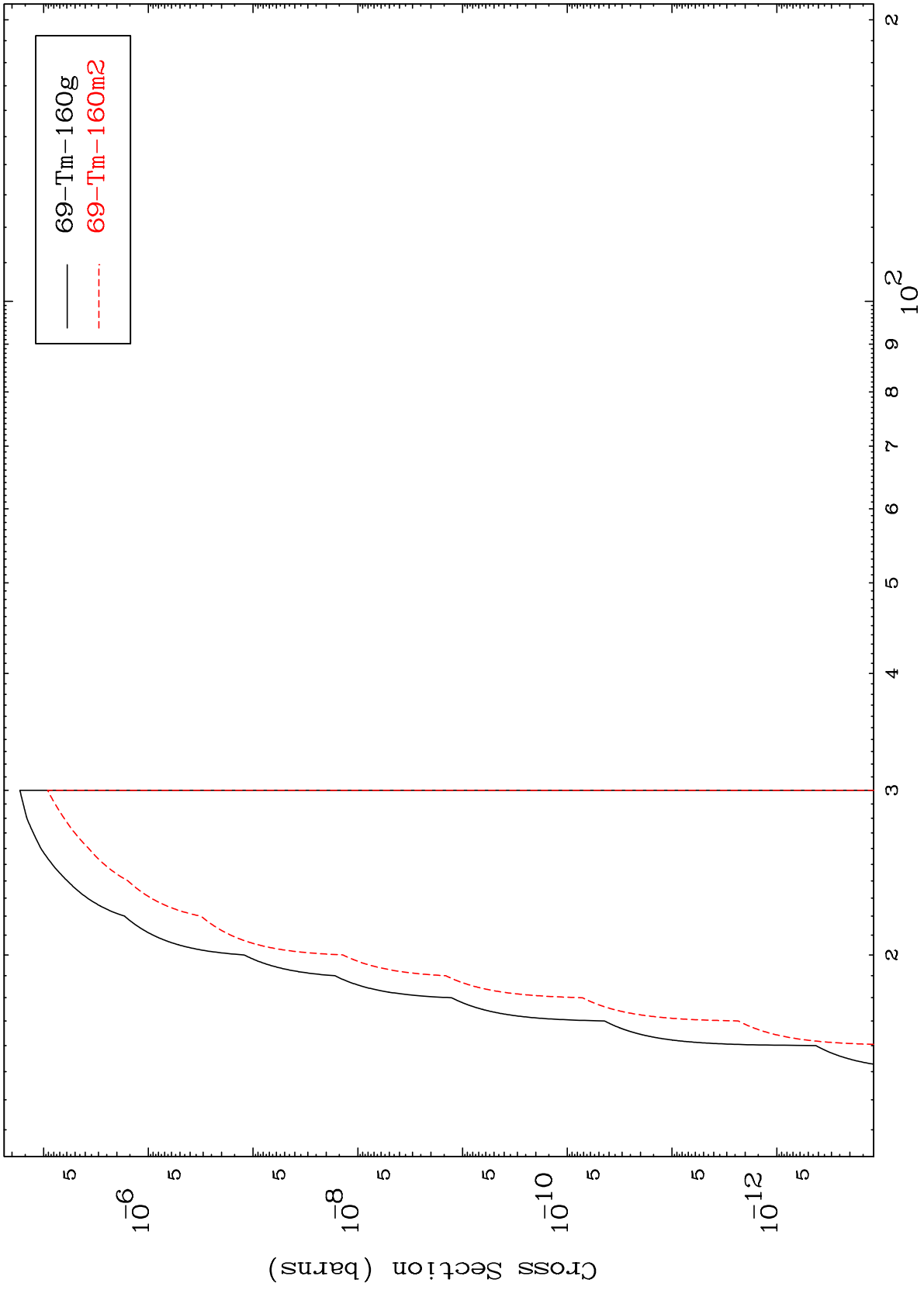
70-Yb-162

MAT 7007

( $\gamma, d$ )

70-Yb-162

Radionuclide Production Cross Section



13

Incident Energy (MeV)

70-Yb-162