

Program EVALPLOT  
(Version 2021-1)

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

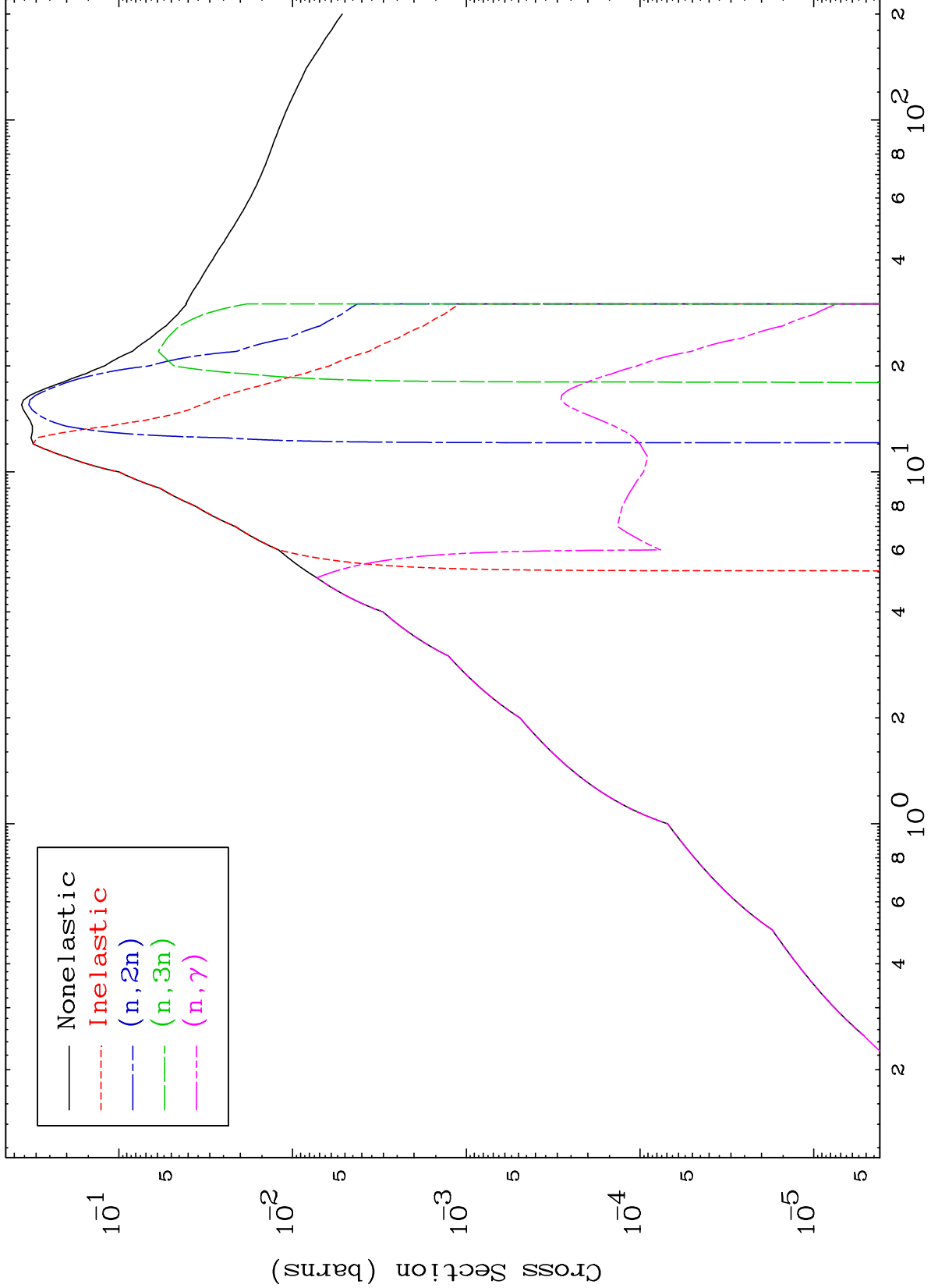
Press Mouse Button to Start

MAT 7053

Photon Major

70-Yb-177m

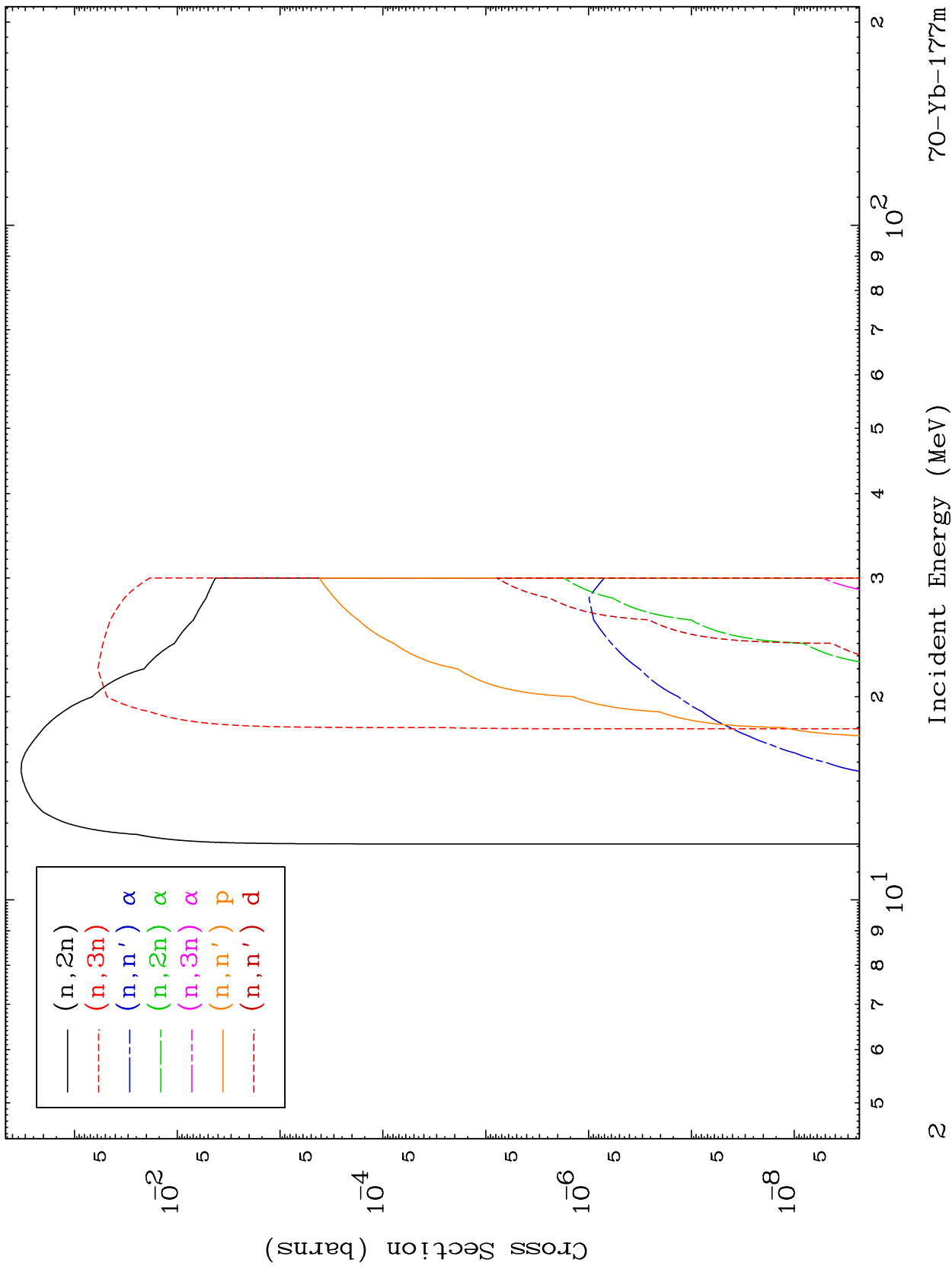
0 Kelvin Cross Sections



MAT 7053

Photon Neutron Absorption  
0 Kelvin Cross Sections

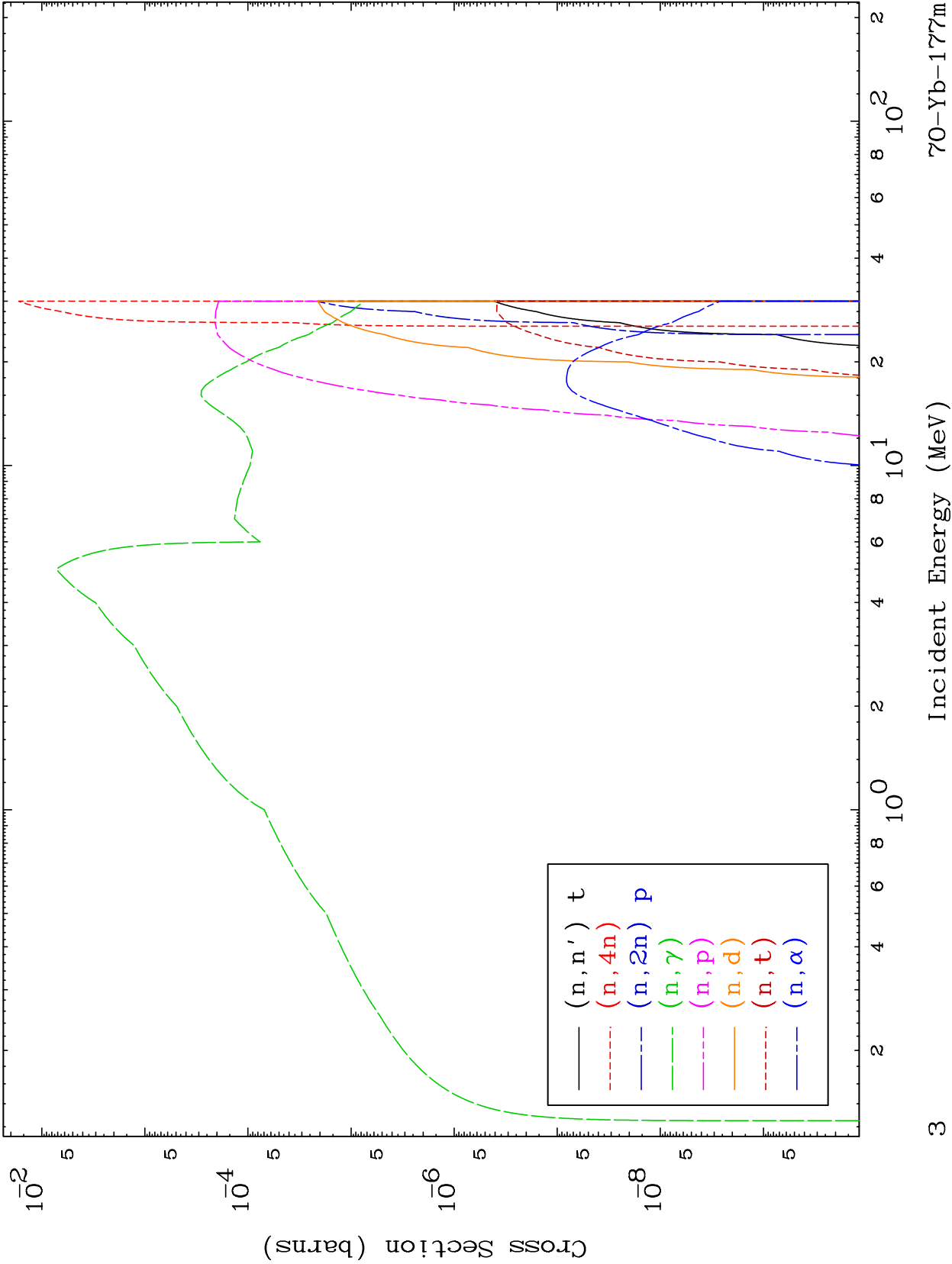
70-Yb-177m



MAT 7053

Photon Neutron Absorption  
0 Kelvin Cross Sections

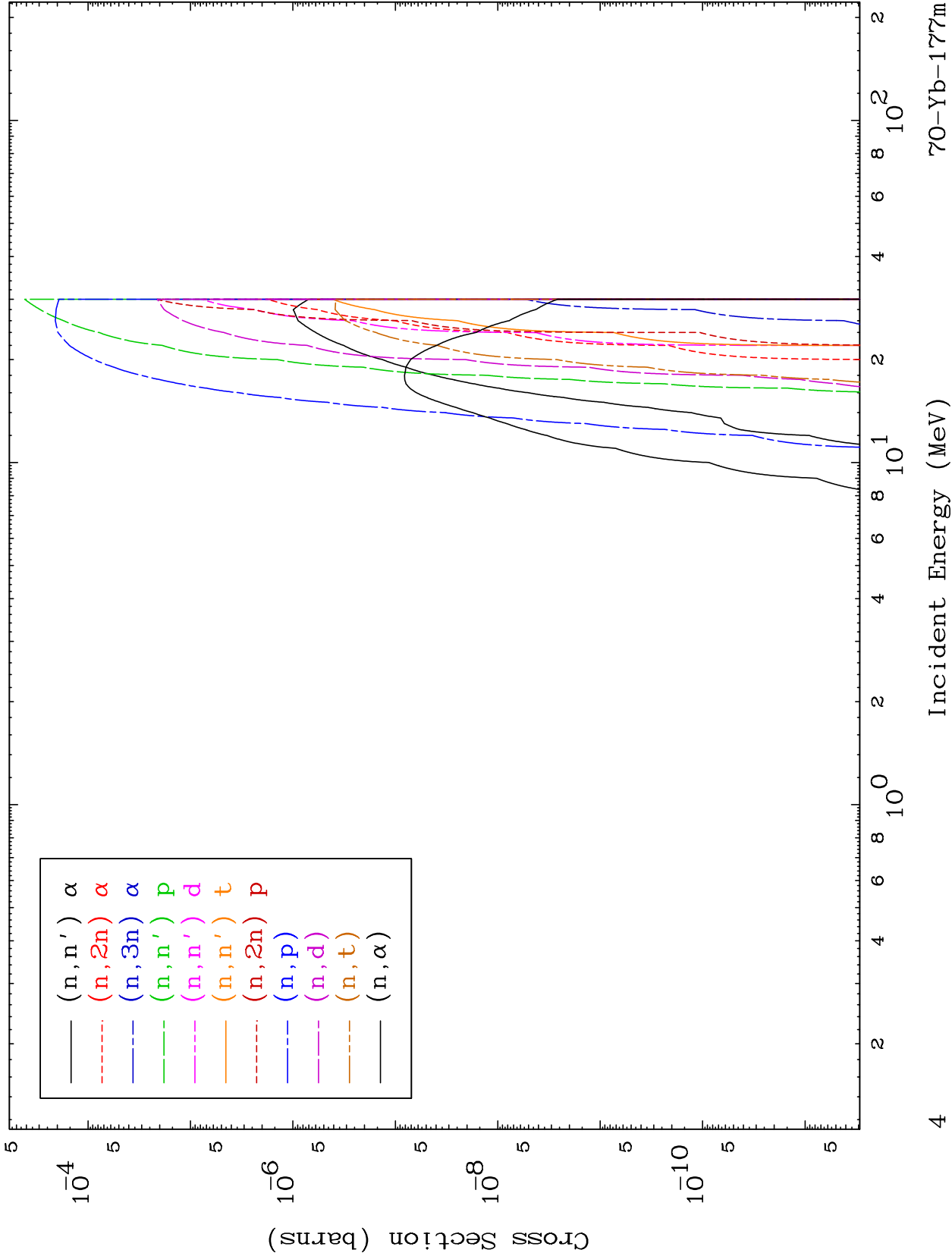
<sup>70</sup>Yb-177m



MAT 7053

Photon Charged Particle  
0 Kelvin Cross Sections

70-Yb-177m

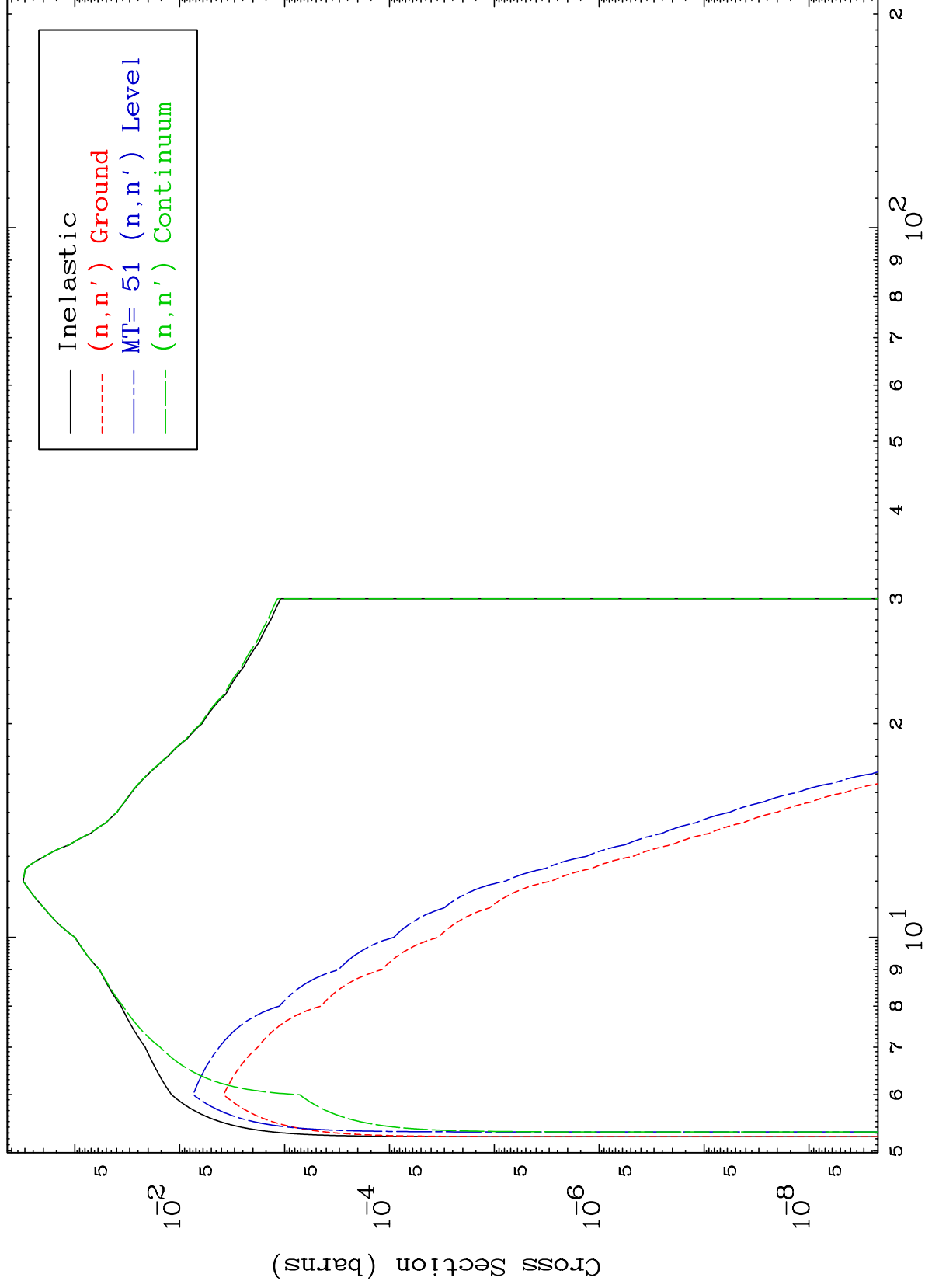


MAT 7053

( $\gamma, n'$ ) Levels

70-Yb-177m

0 Kelvin Cross Sections



Incident Energy (MeV)

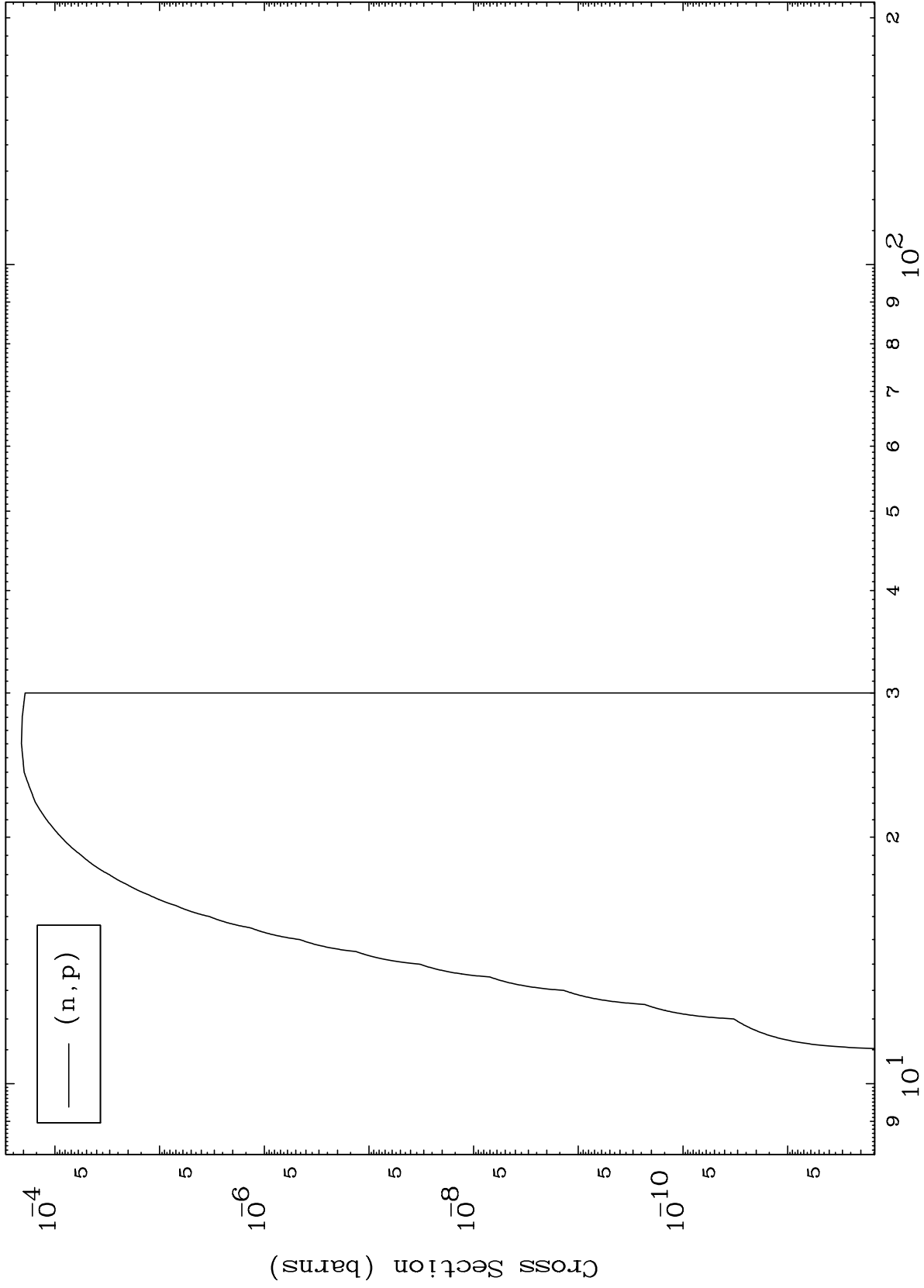
70-Yb-177m

5

MAT 7053

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

70-Yb-177m



Incident Energy (MeV)

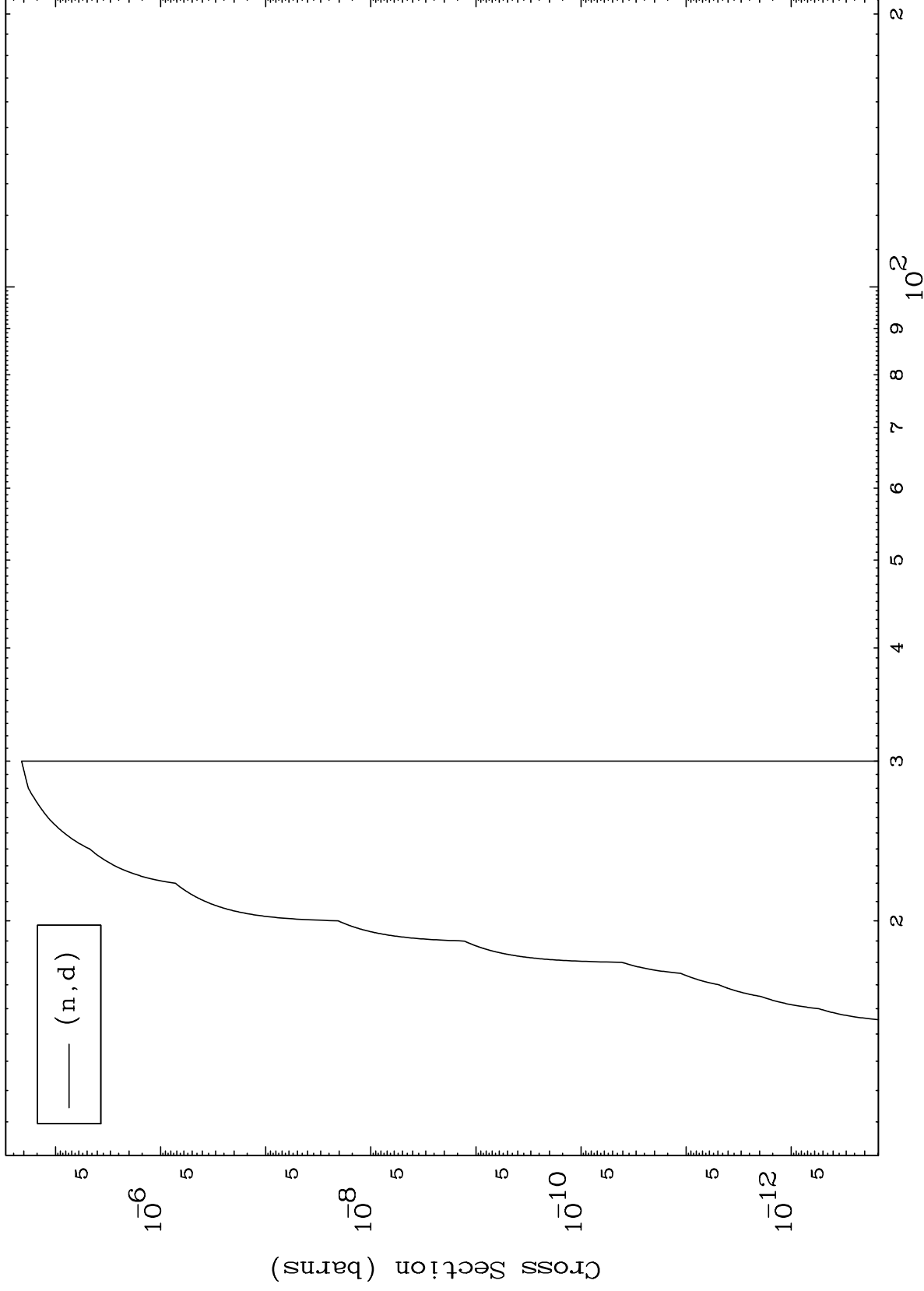
70-Yb-177m

6

MAT 7053

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

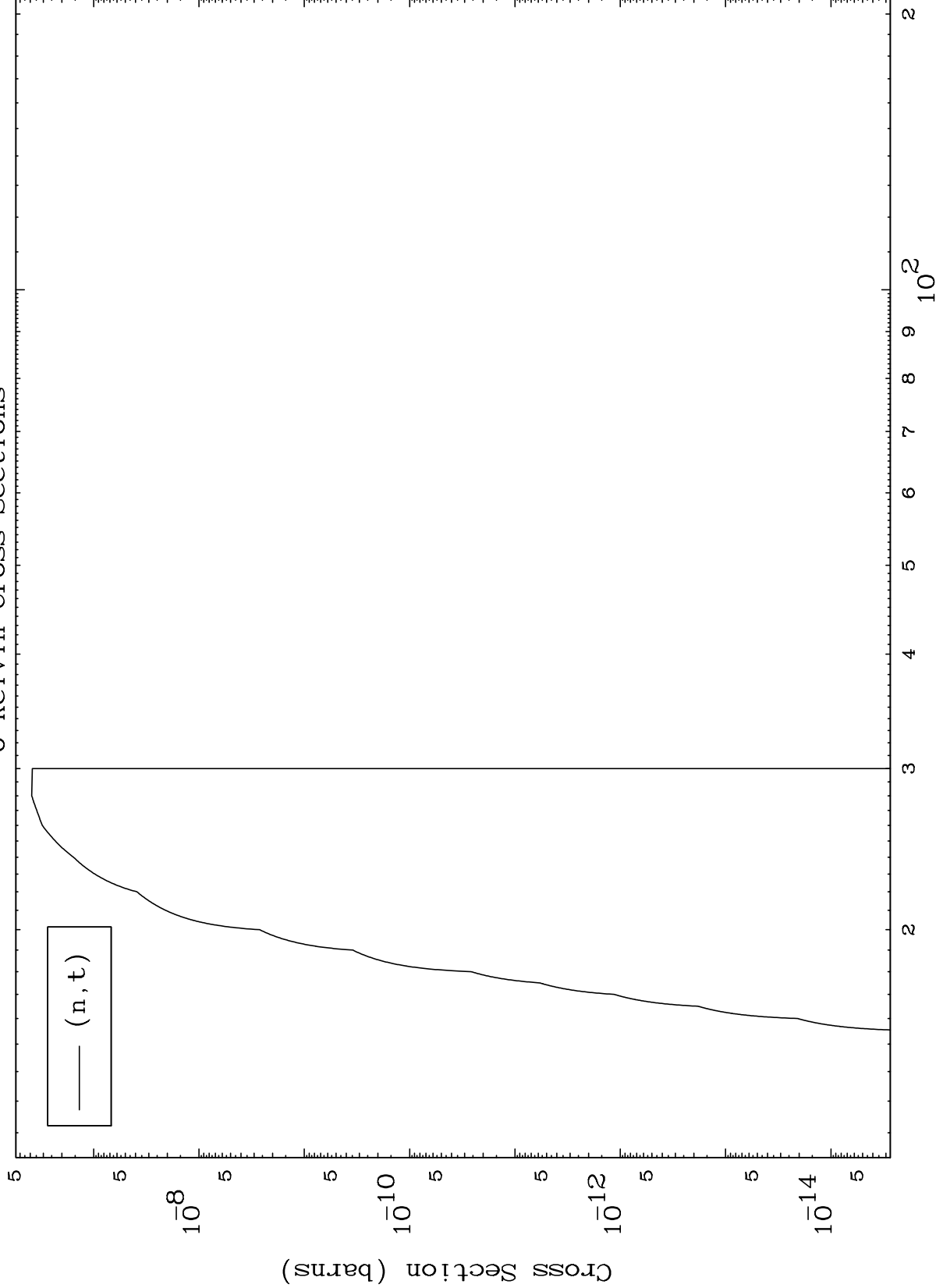
$^{70}\text{Yb}-177\text{m}$



MAT 7053

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

70-Yb-177m

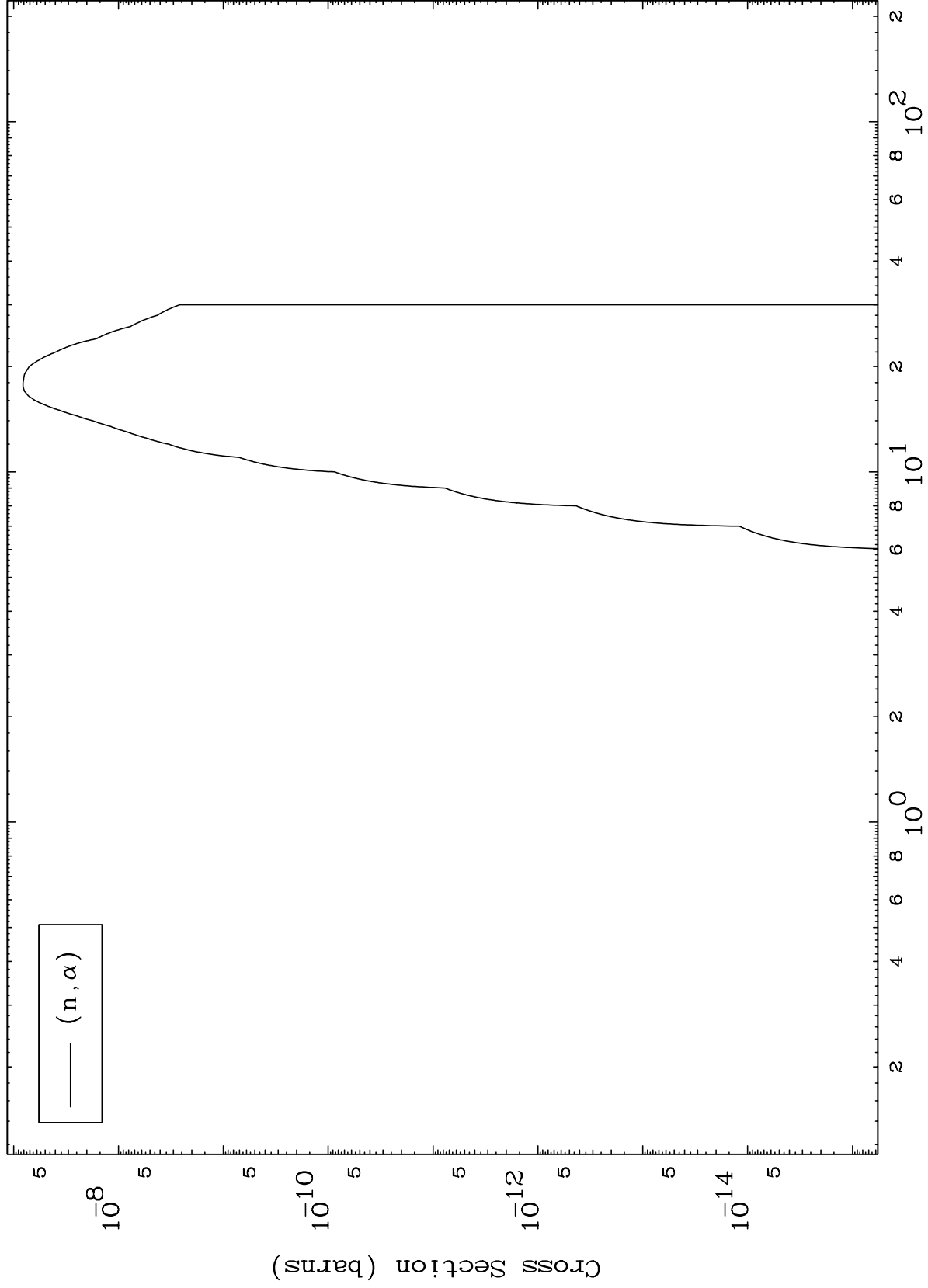


MAT 7053

( $\gamma, \alpha$ ) Levels

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

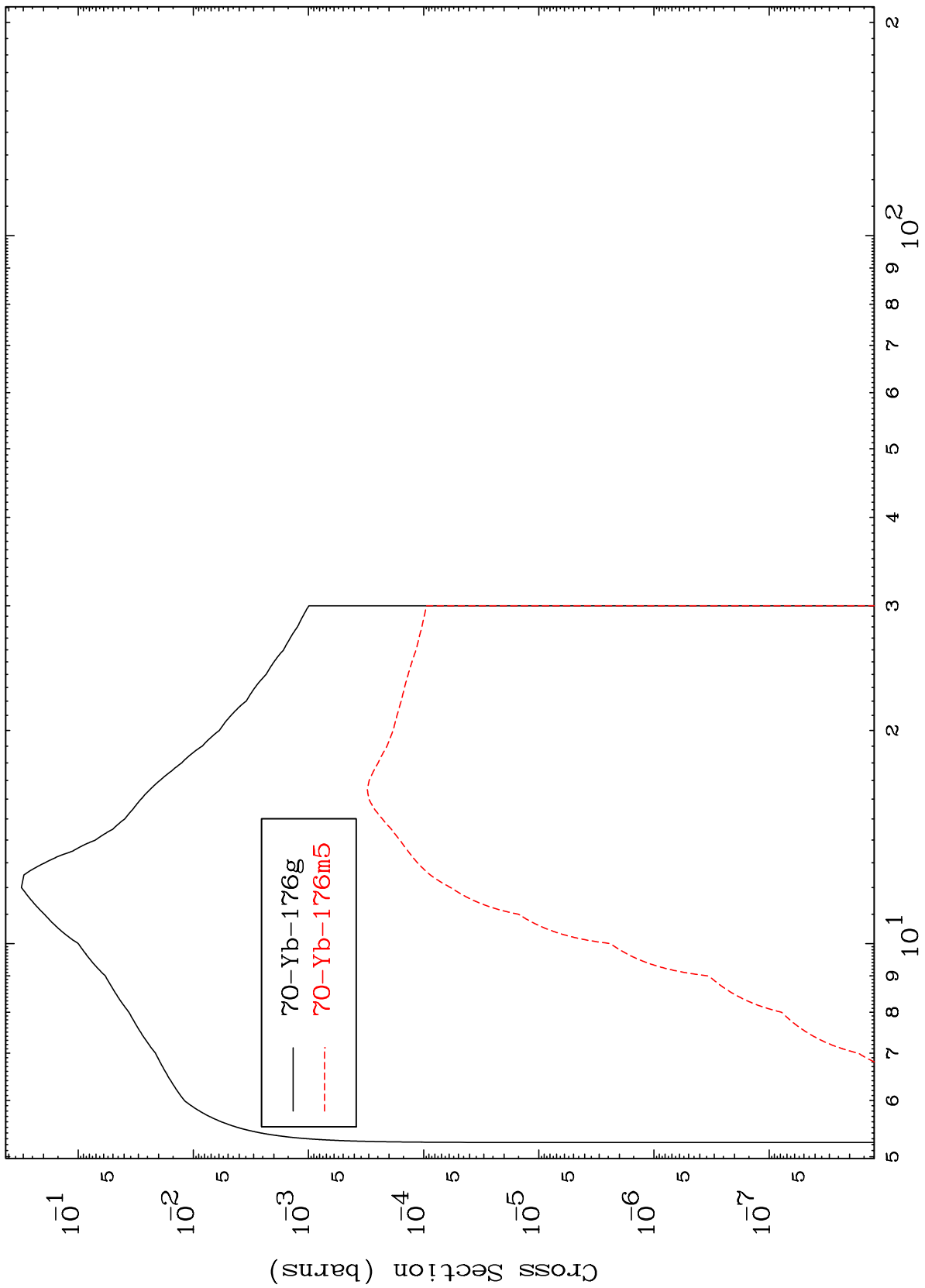
0 Kelvin Cross Sections



MAT 7053

Inelastic  
Radionuclide Production Cross Section

<sup>70</sup>Yb-177m



— <sup>70</sup>Yb-176g  
- - - <sup>70</sup>Yb-176m5

10

Incident Energy (MeV)

<sup>70</sup>Yb-177m

MAT 7053

<sup>70</sup>Yb-177m

