

Program EVALPLOT  
(Version 2018-1)

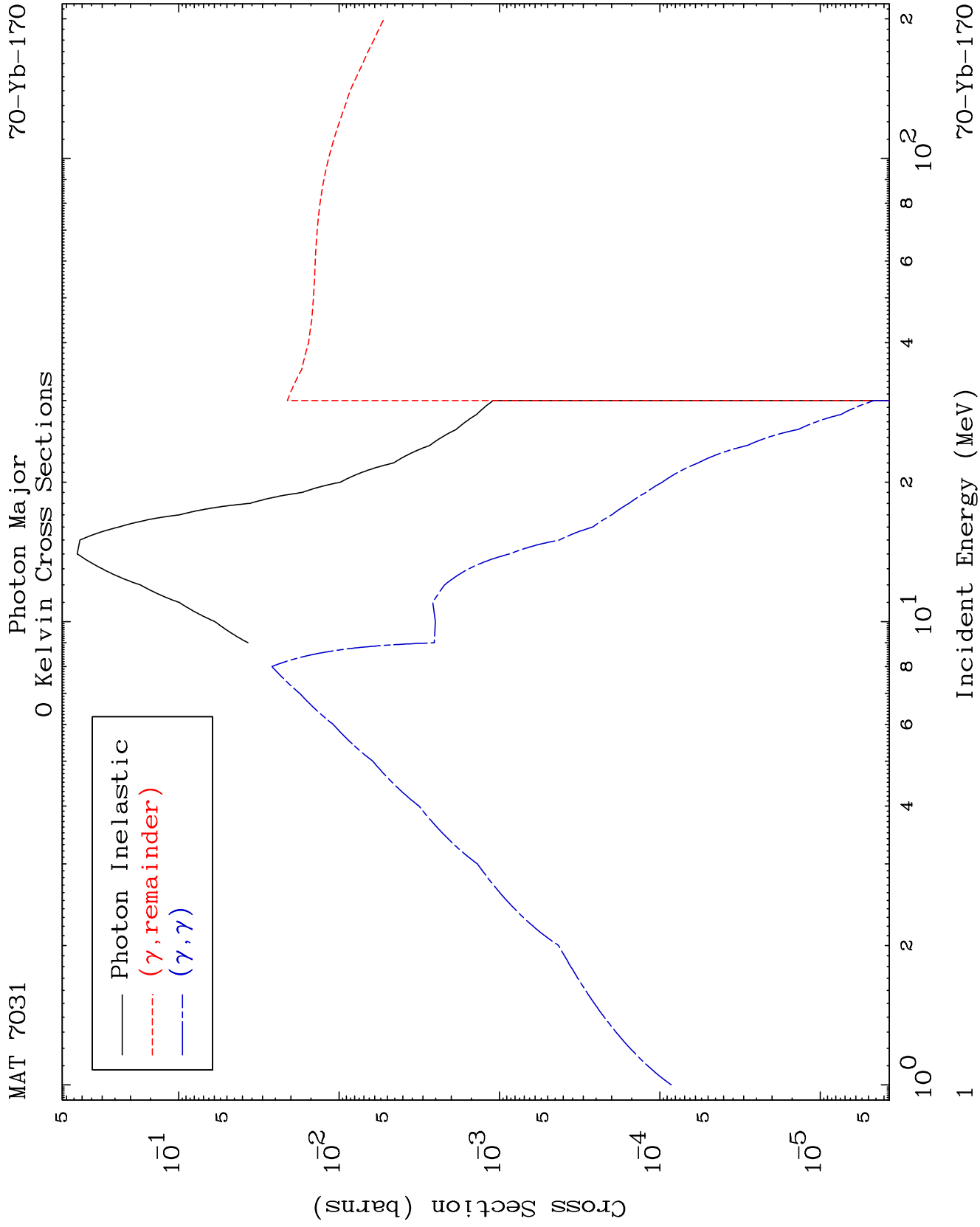
by

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](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

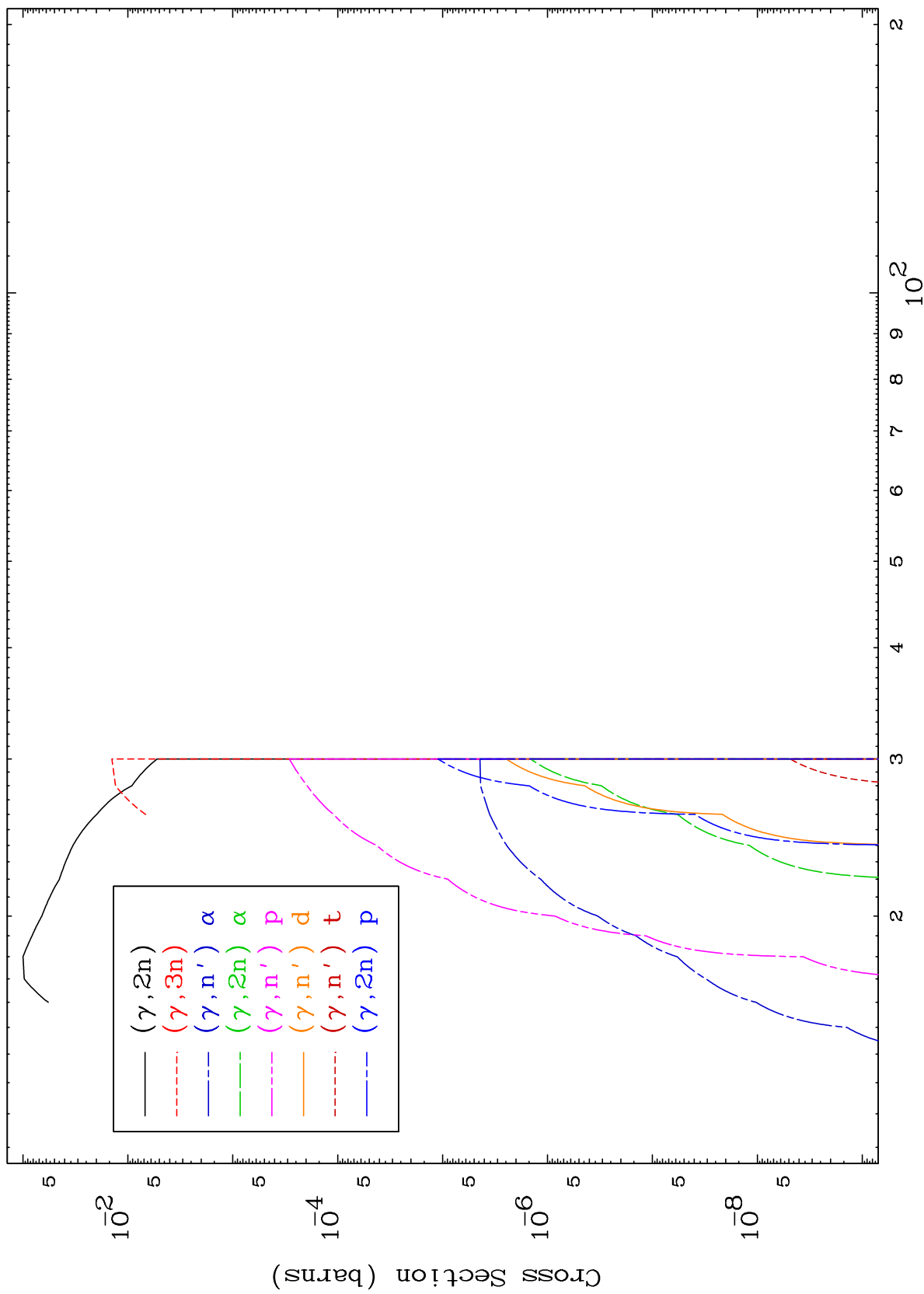
Press Mouse Button to Start



MAT 7031

Photon Neutron Production  
0 Kelvin Cross Sections

70-Yb-170



2

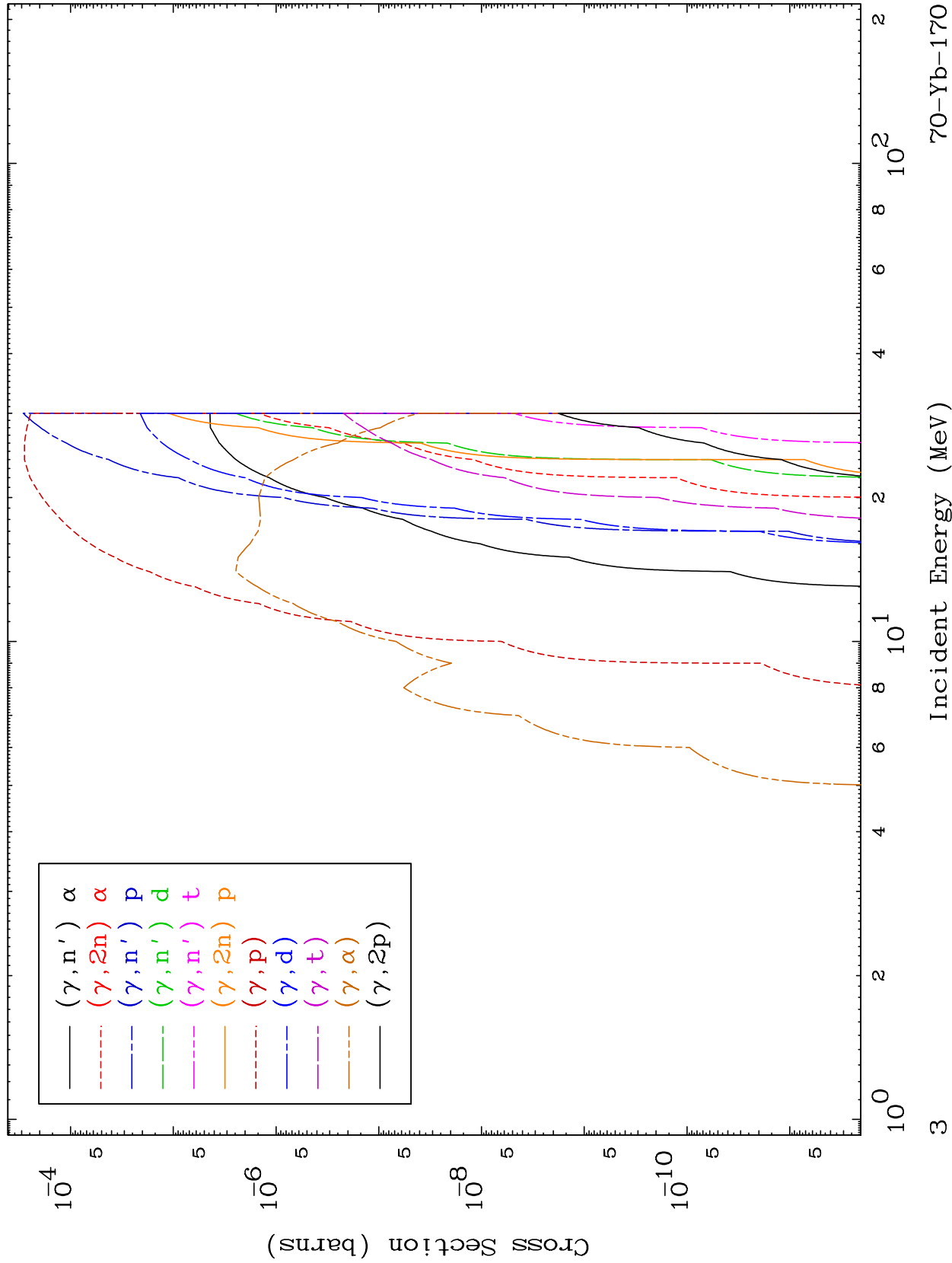
Incident Energy (MeV)

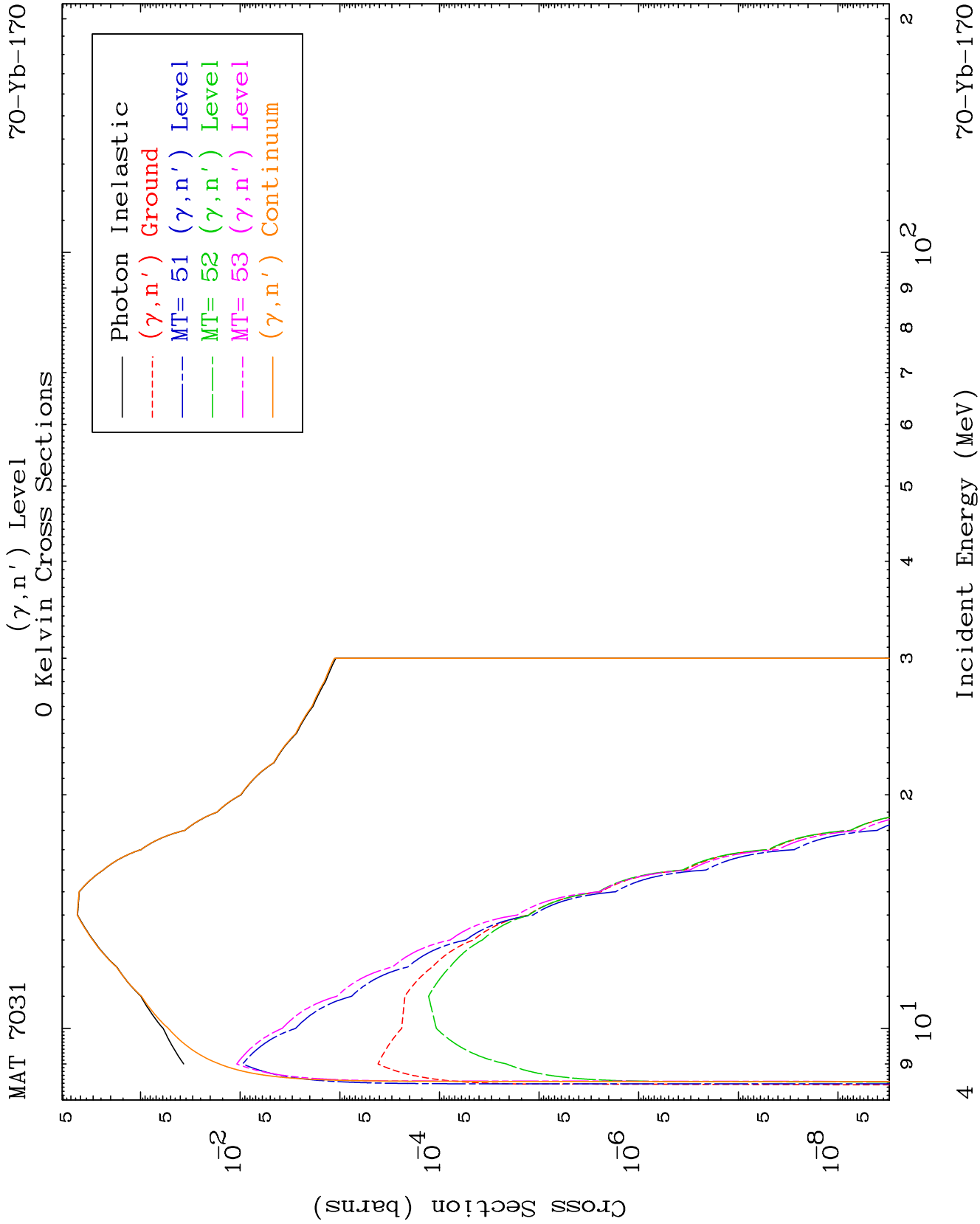
70-Yb-170

MAT 7031

Photon Charged Particle  
0 Kelvin Cross Sections

70-Yb-170

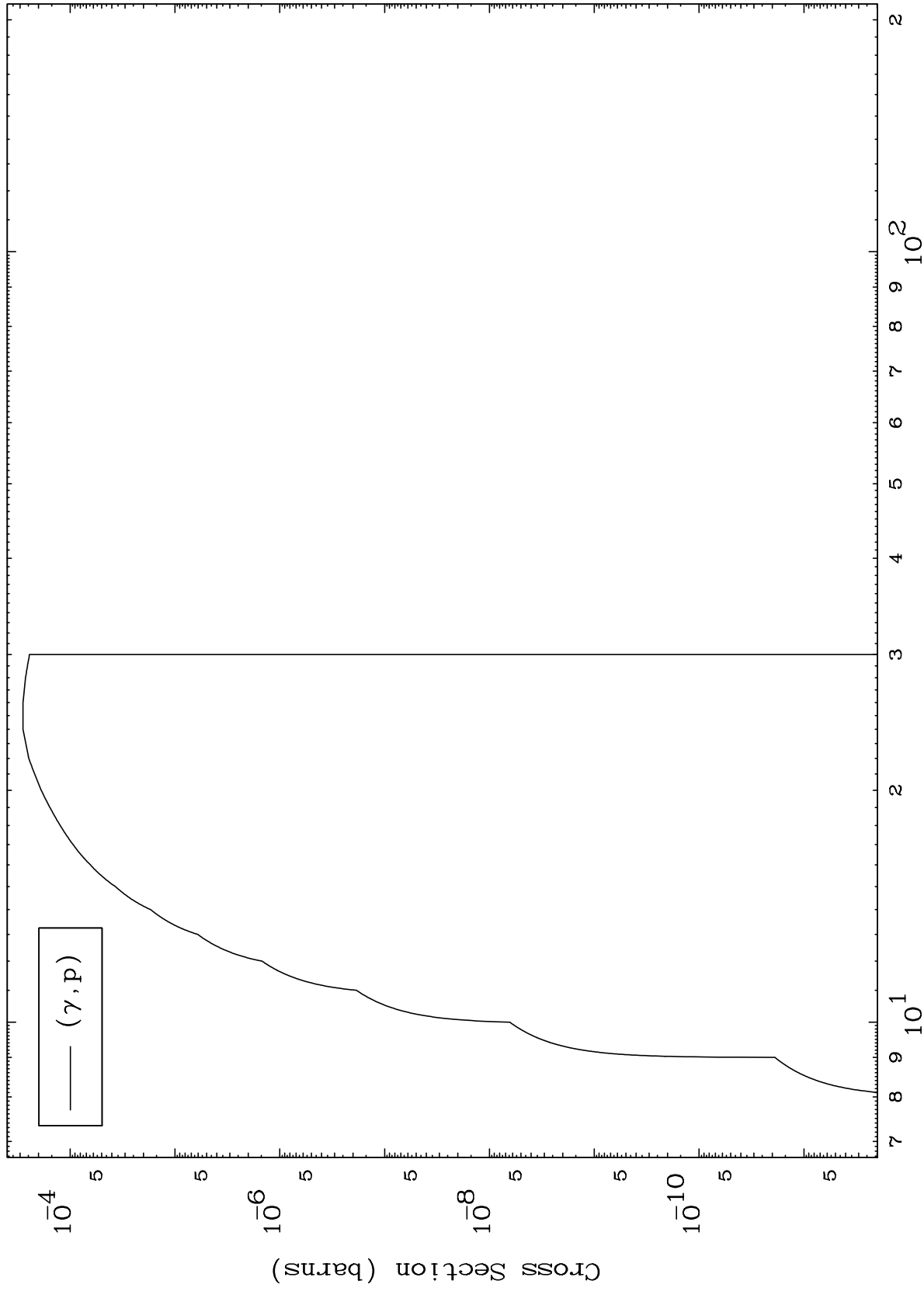




MAT 7031

70-Yb-170

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



5

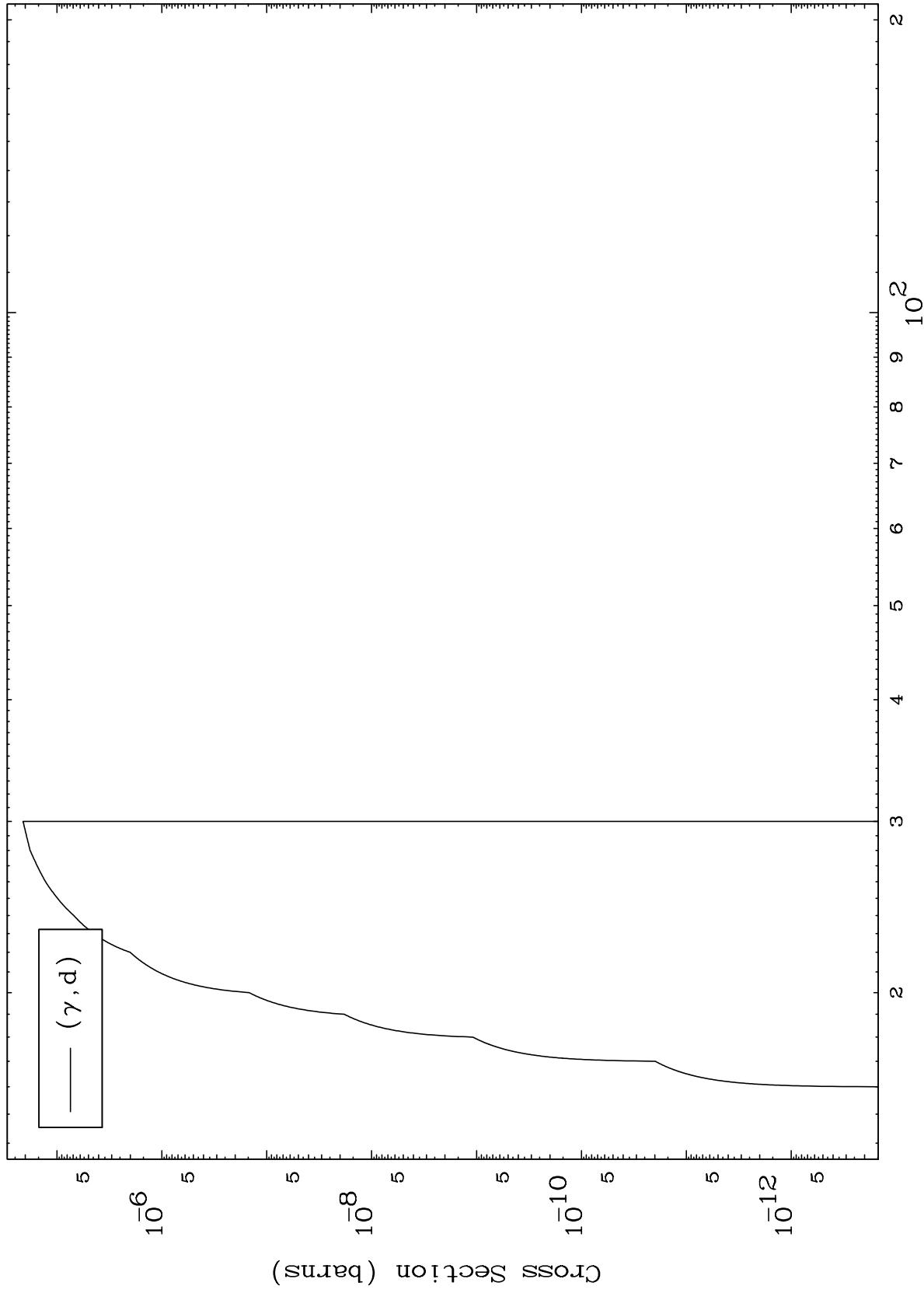
Incident Energy (MeV)

70-Yb-170

MAT 7031

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

70-Yb-170



6

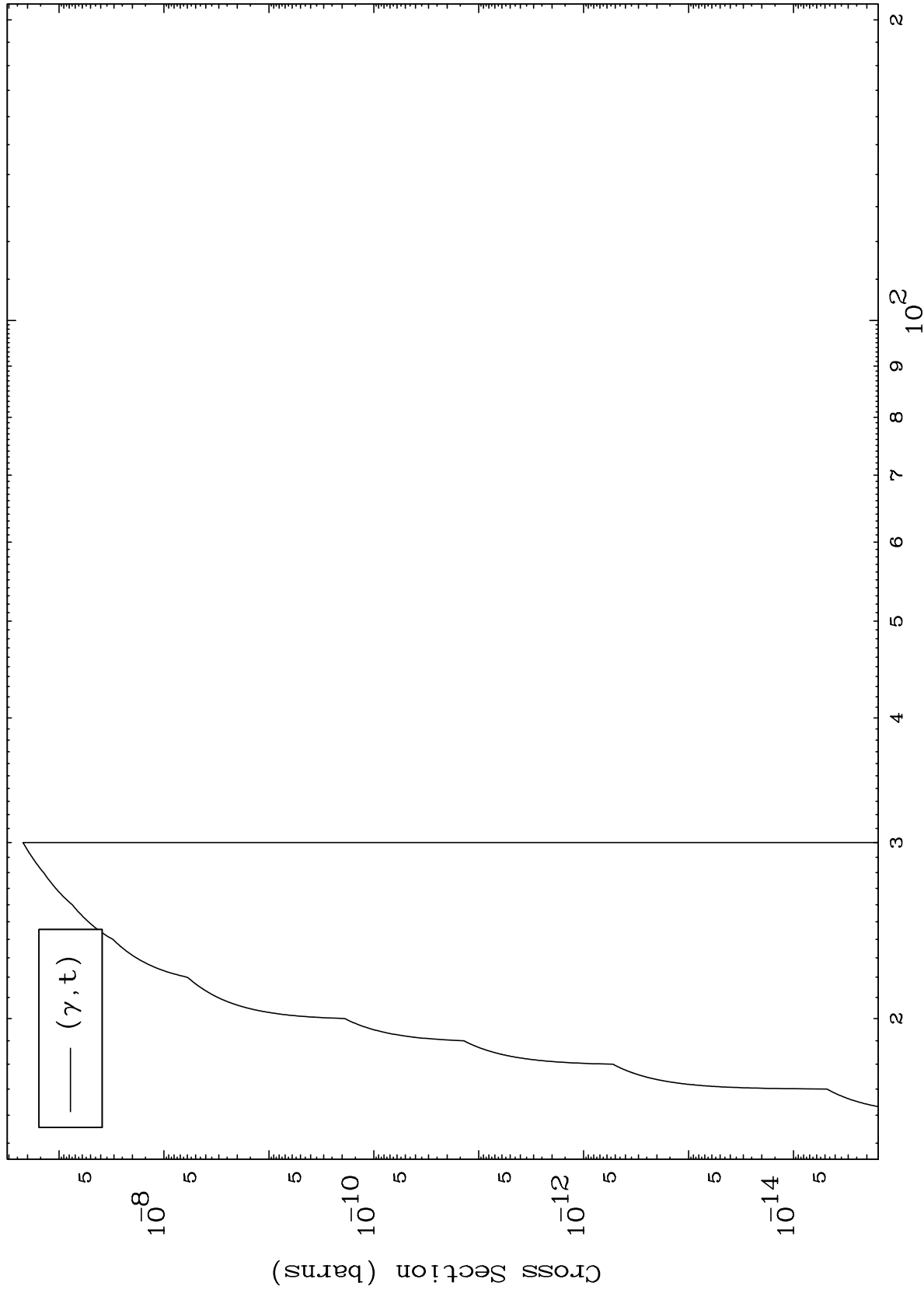
Incident Energy (MeV)

70-Yb-170

MAT 7031

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

70-Yb-170



$\gamma$

Incident Energy (MeV)

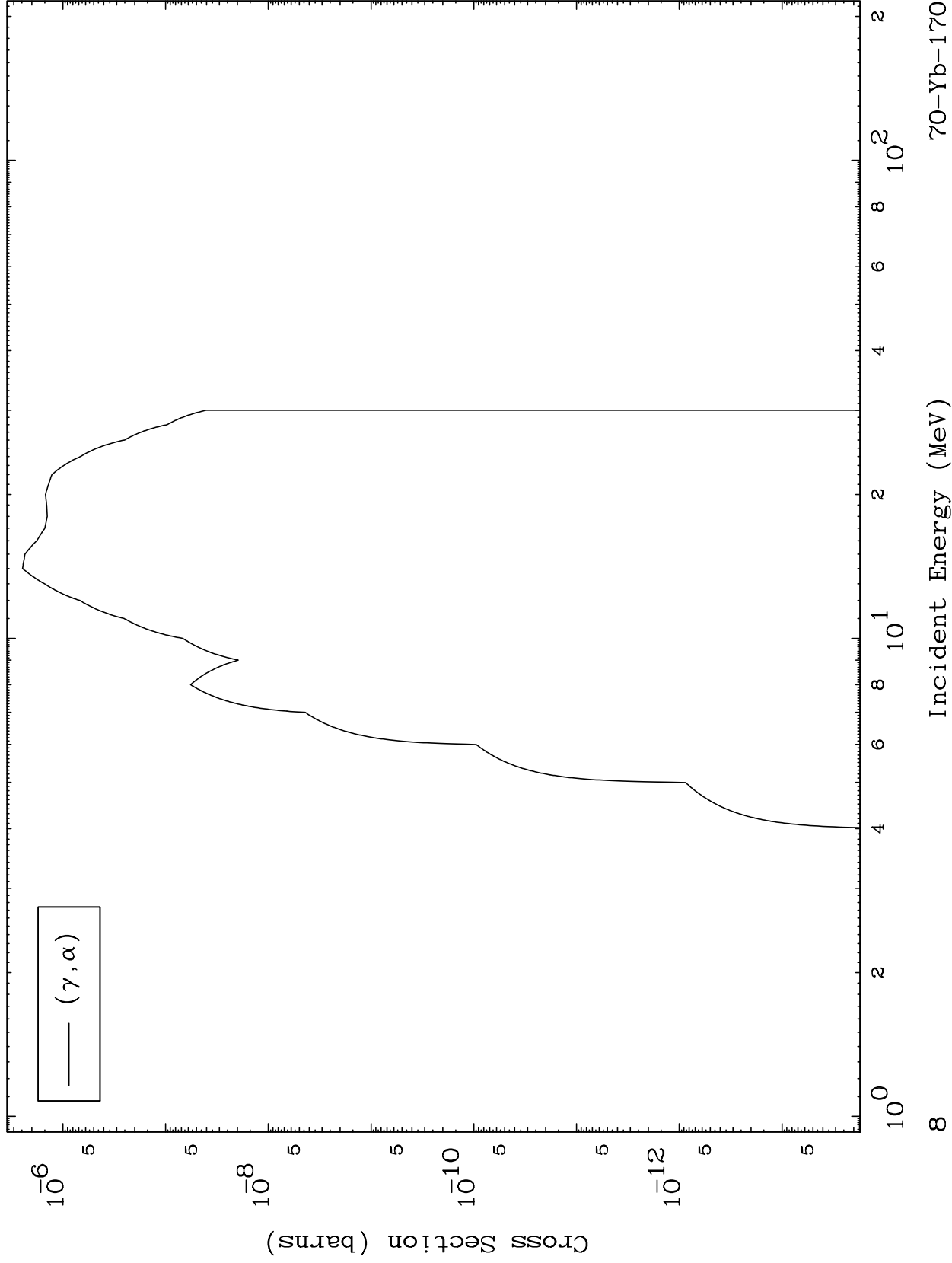
70-Yb-170



MAT 7031

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

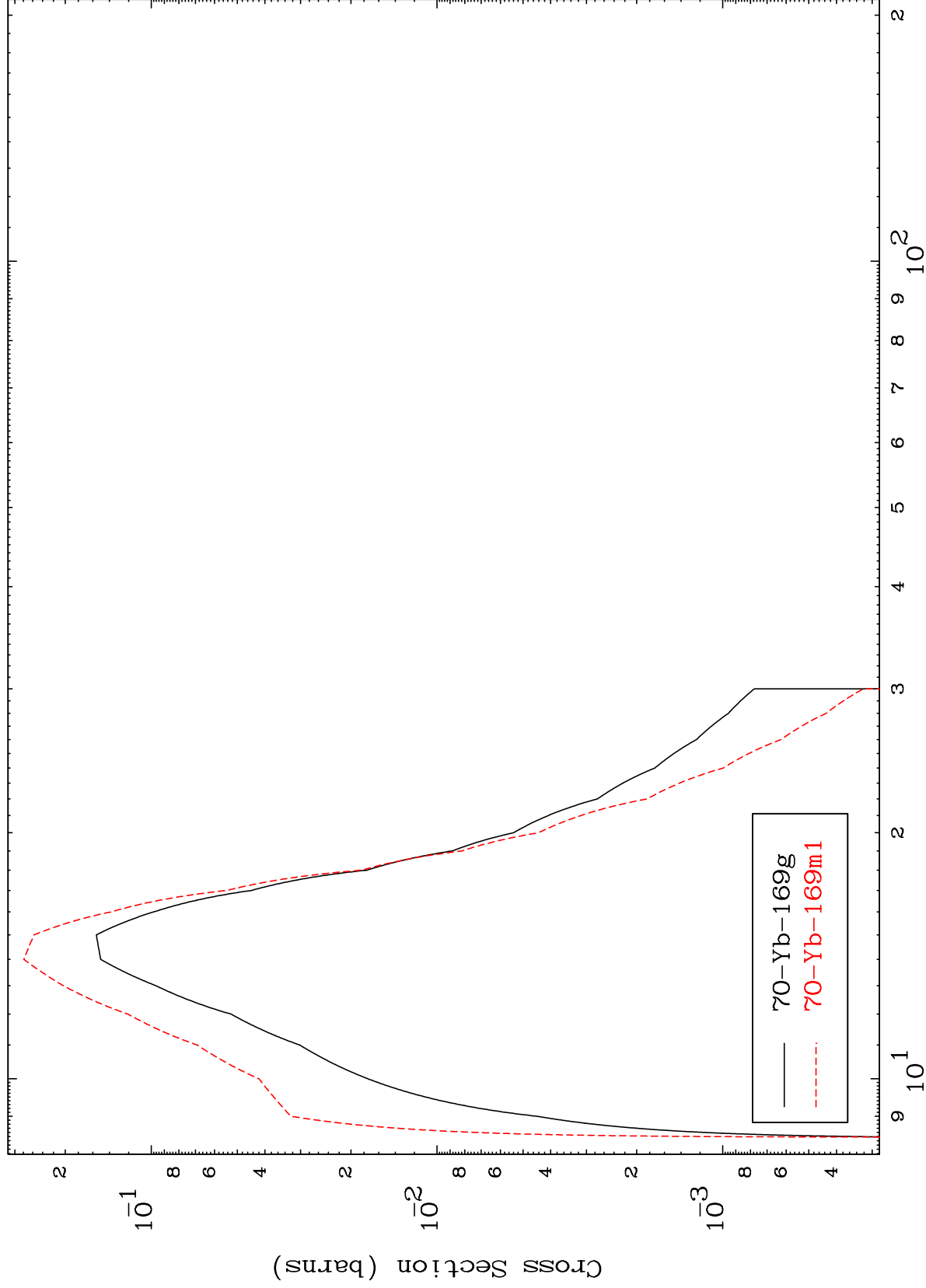
70-Yb-170



MAT 7031

Photon Inelastic  
Radionuclide Production Cross Section

$^{70}\text{Yb}-^{170}$



9

Incident Energy (MeV)

$^{70}\text{Yb}-^{170}$