

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

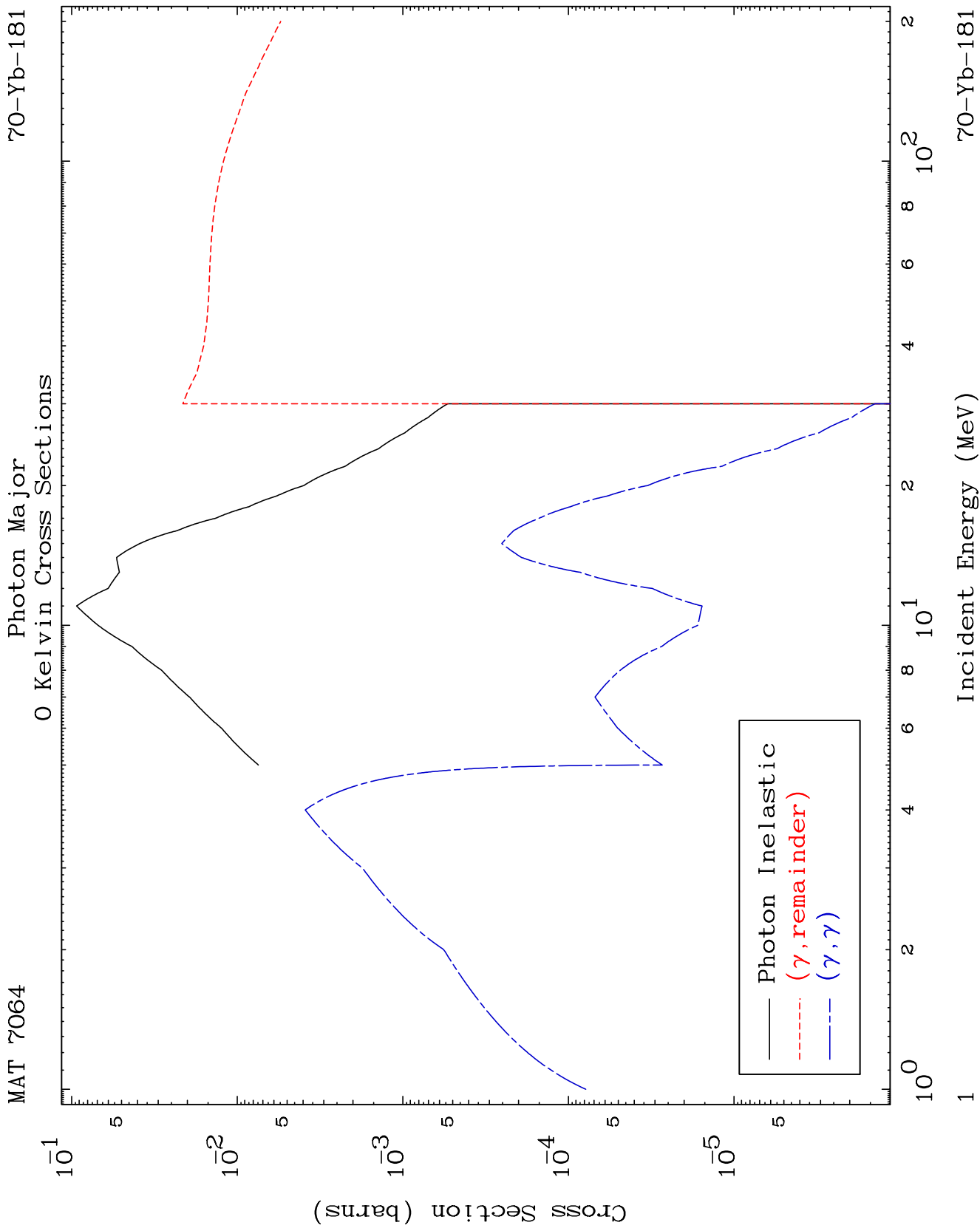
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

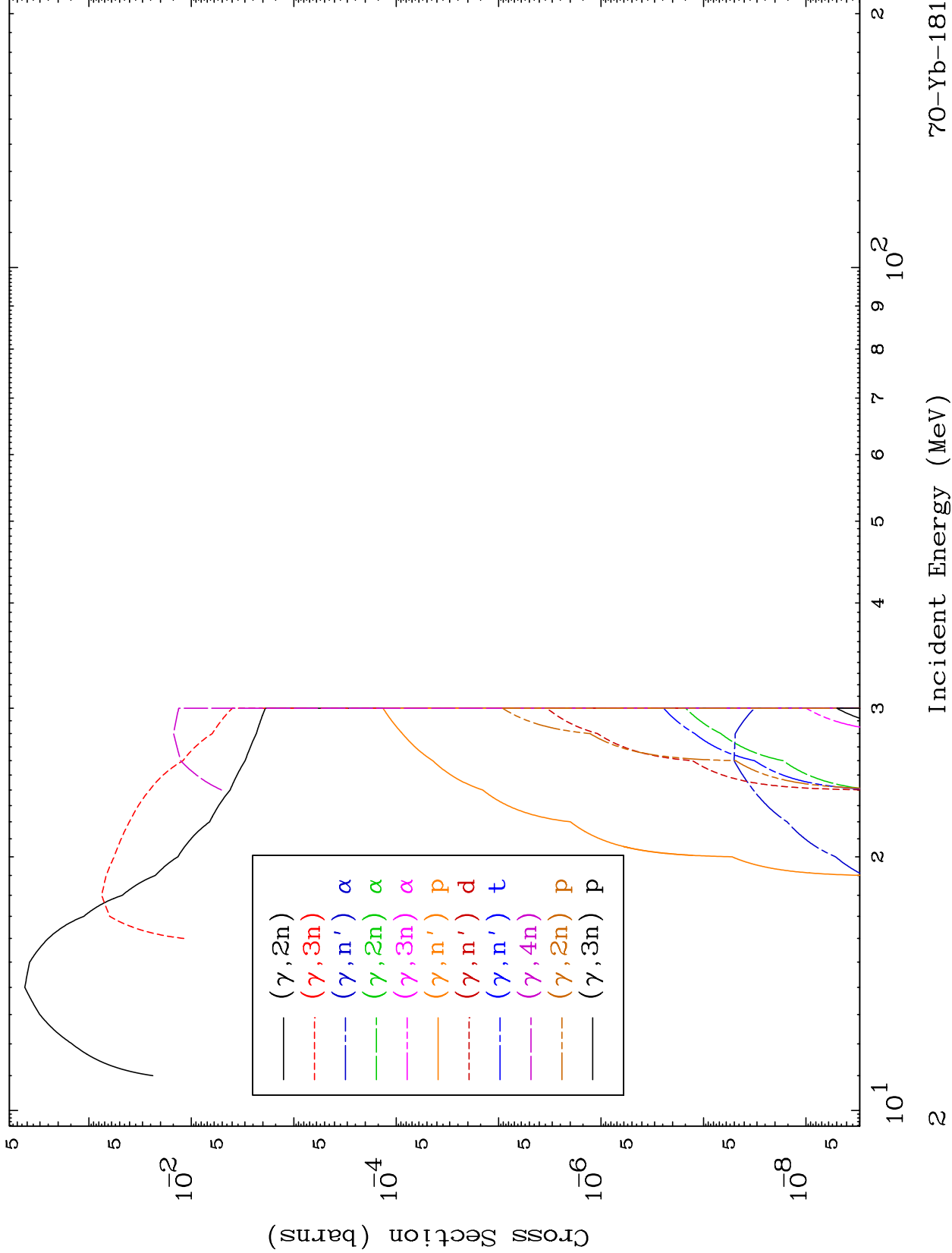
Press Mouse Button to Start



MAT 7064

Photon Neutron Production
0 Kelvin Cross Sections

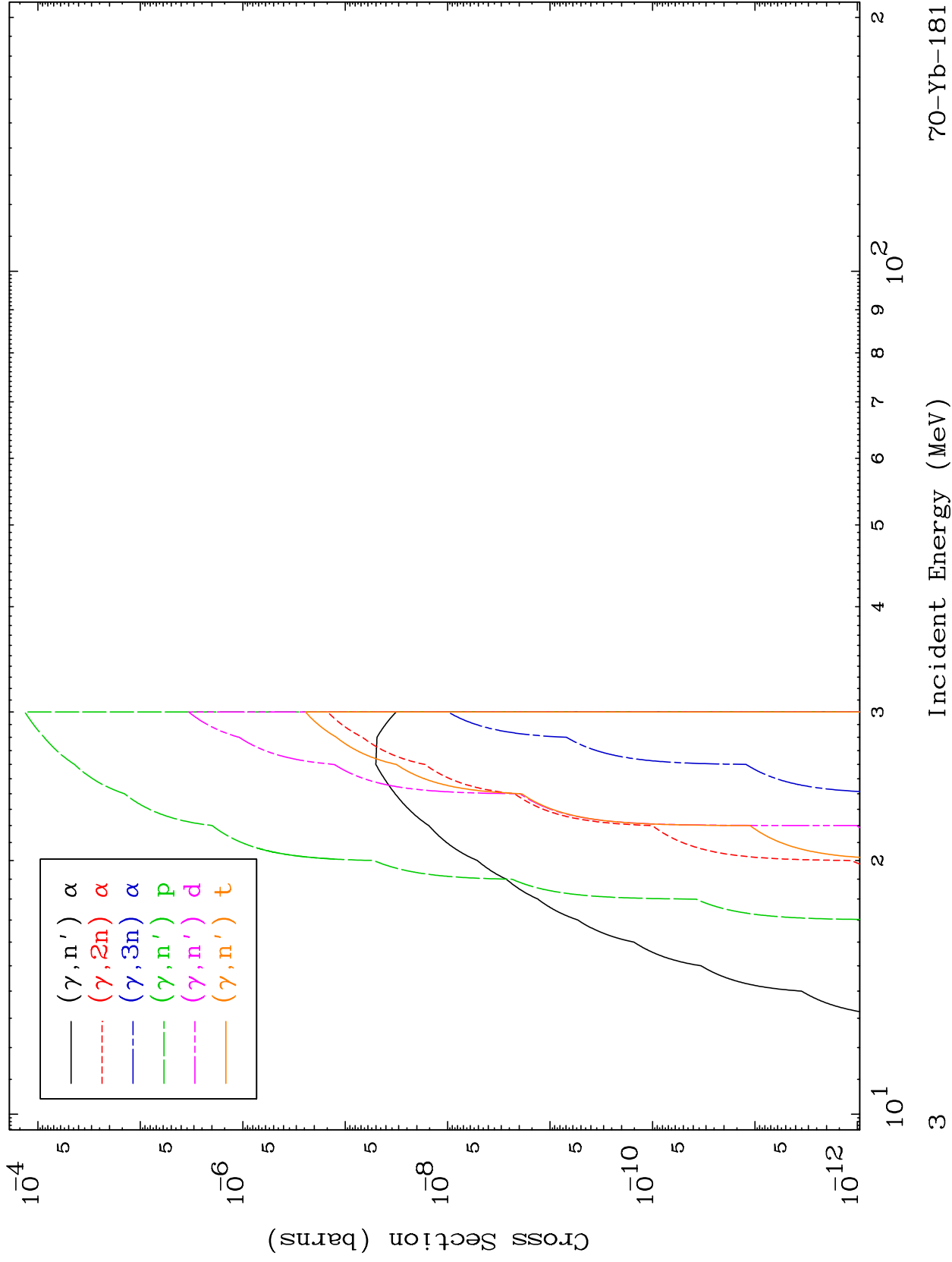
70-Yb-181



MAT 7064

Photon Charged Particle
0 Kelvin Cross Sections

70-Yb-181



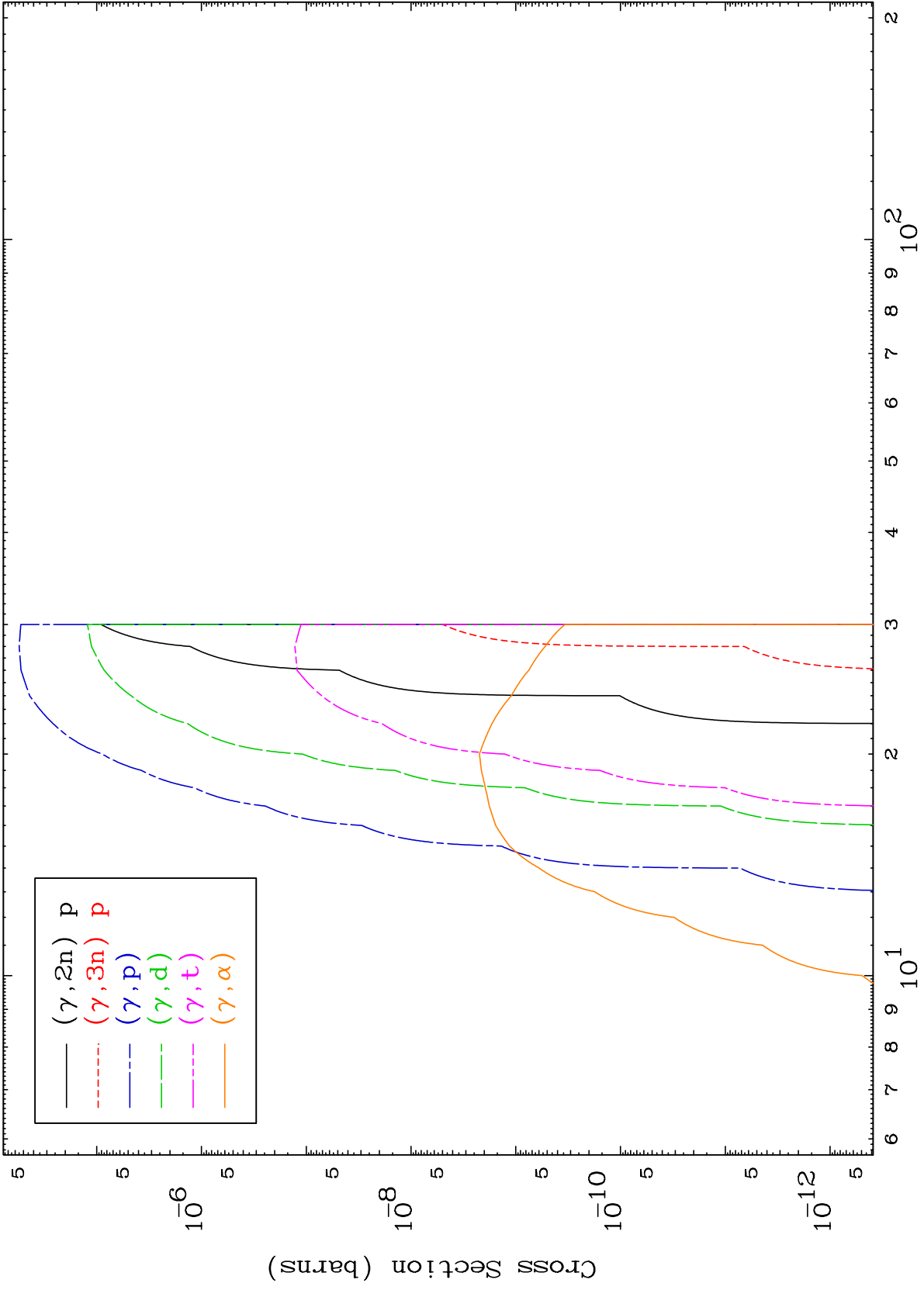
70-Yb-181

Incident Energy (MeV)

MAT 7064

Photon Charged Particle
0 Kelvin Cross Sections

70-Yb-181

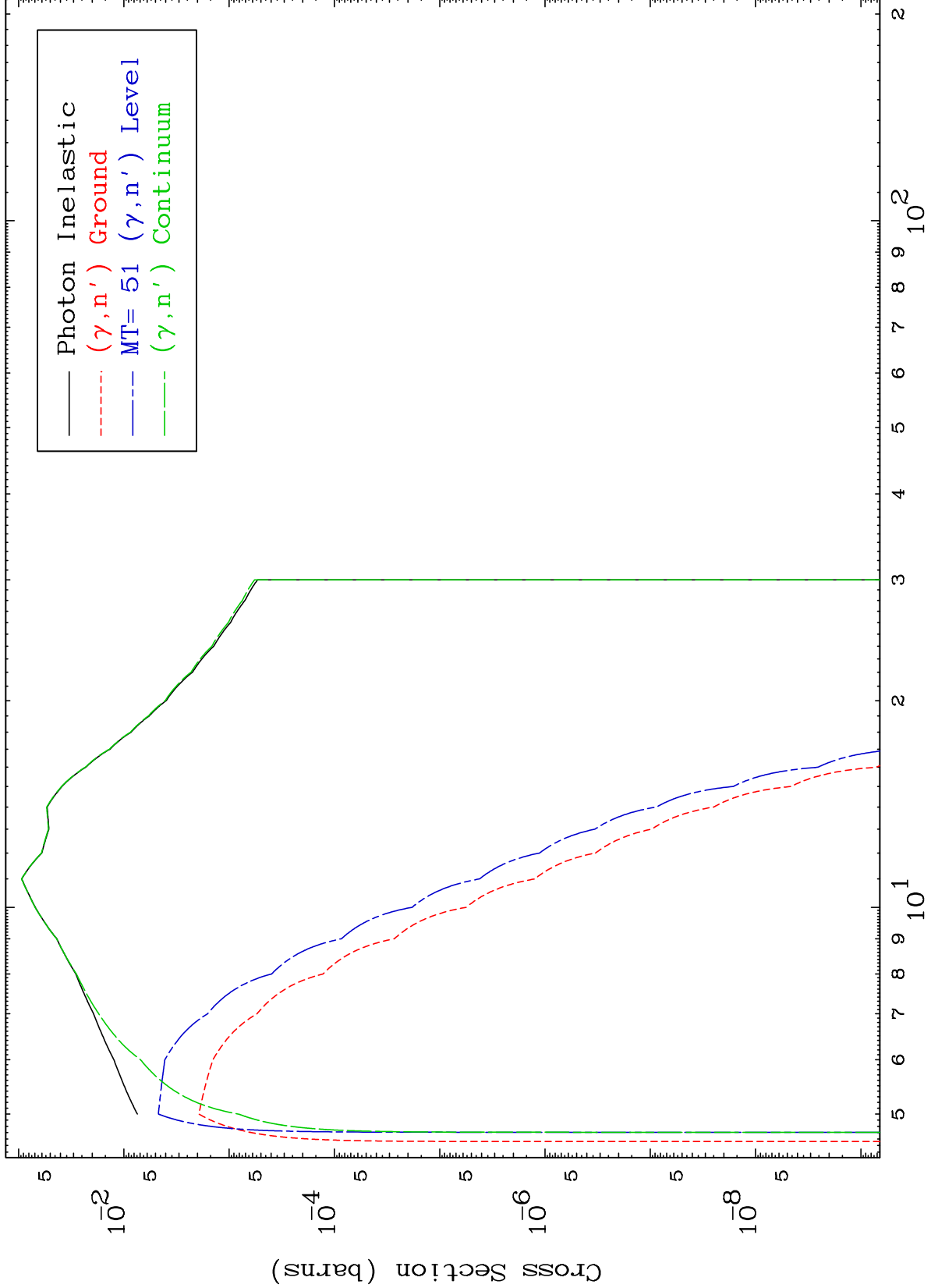


MAT 7064

(γ, n') Level

70-Yb-181

0 Kelvin Cross Sections



5

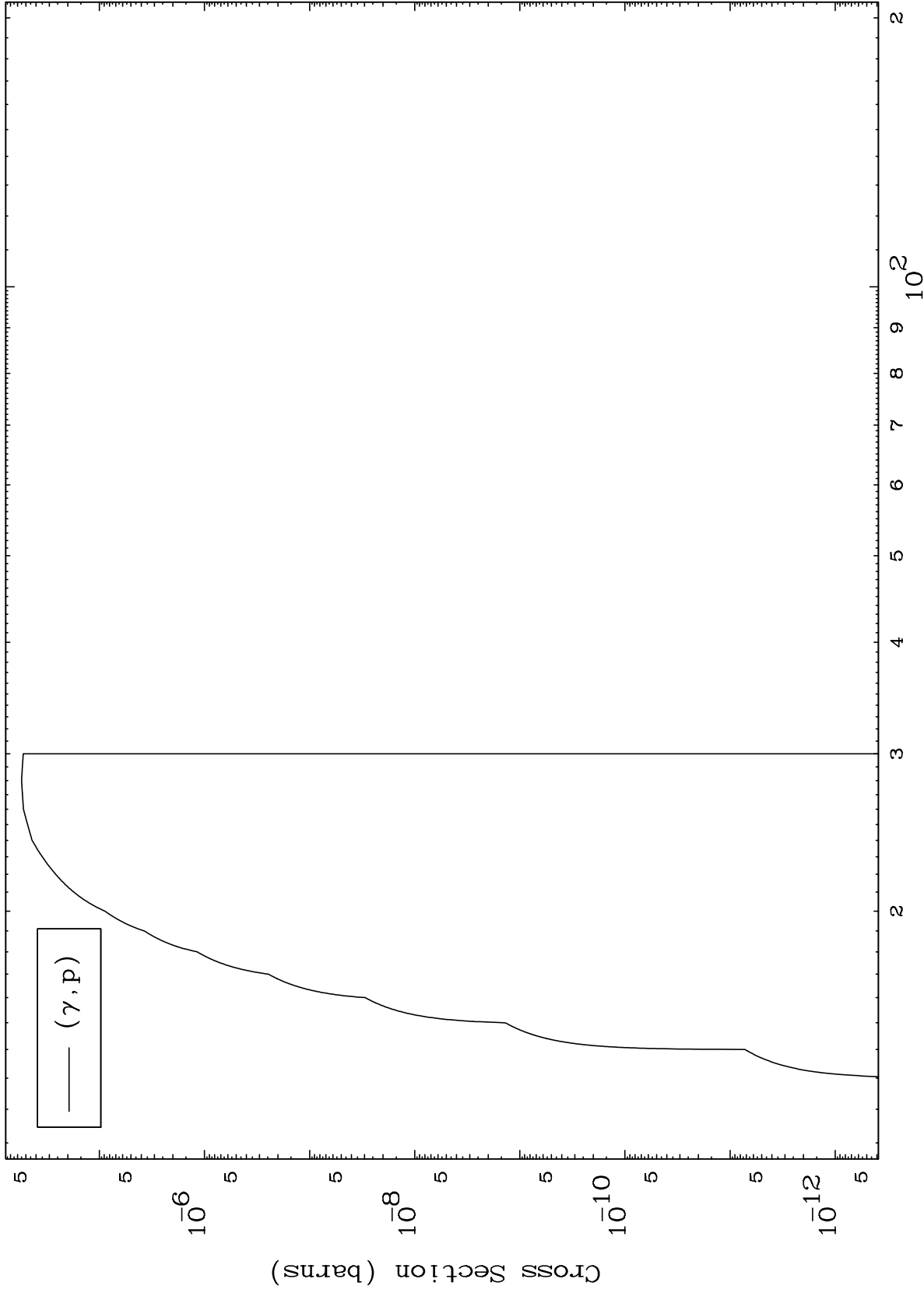
Incident Energy (MeV)

70-Yb-181

MAT 7064

70-Yb-181

(γ, p) Levels
0 Kelvin Cross Sections



70-Yb-181

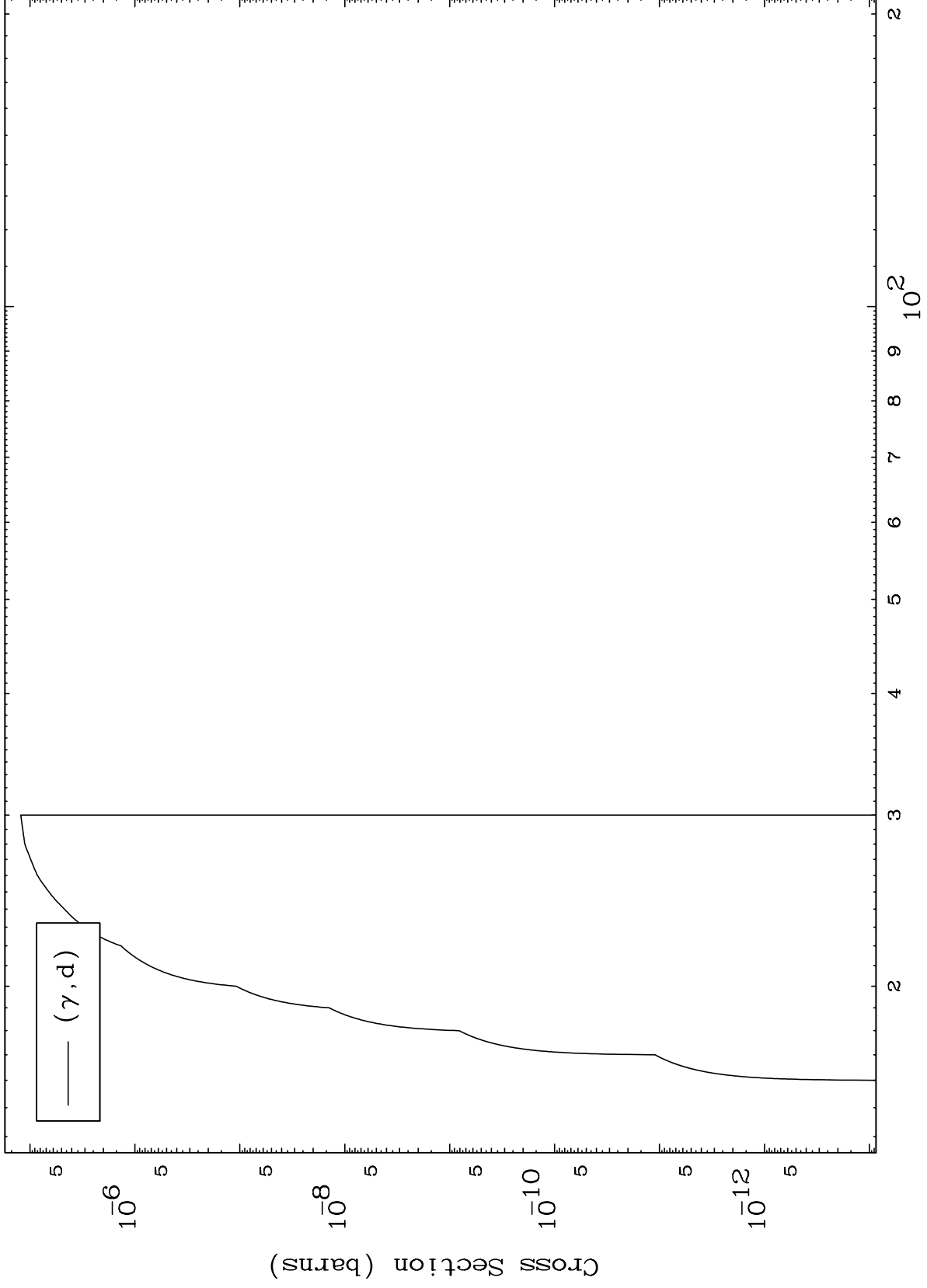
Incident Energy (MeV)

6

MAT 7064

(γ, d) Levels
0 Kelvin Cross Sections

70-Yb-181



7

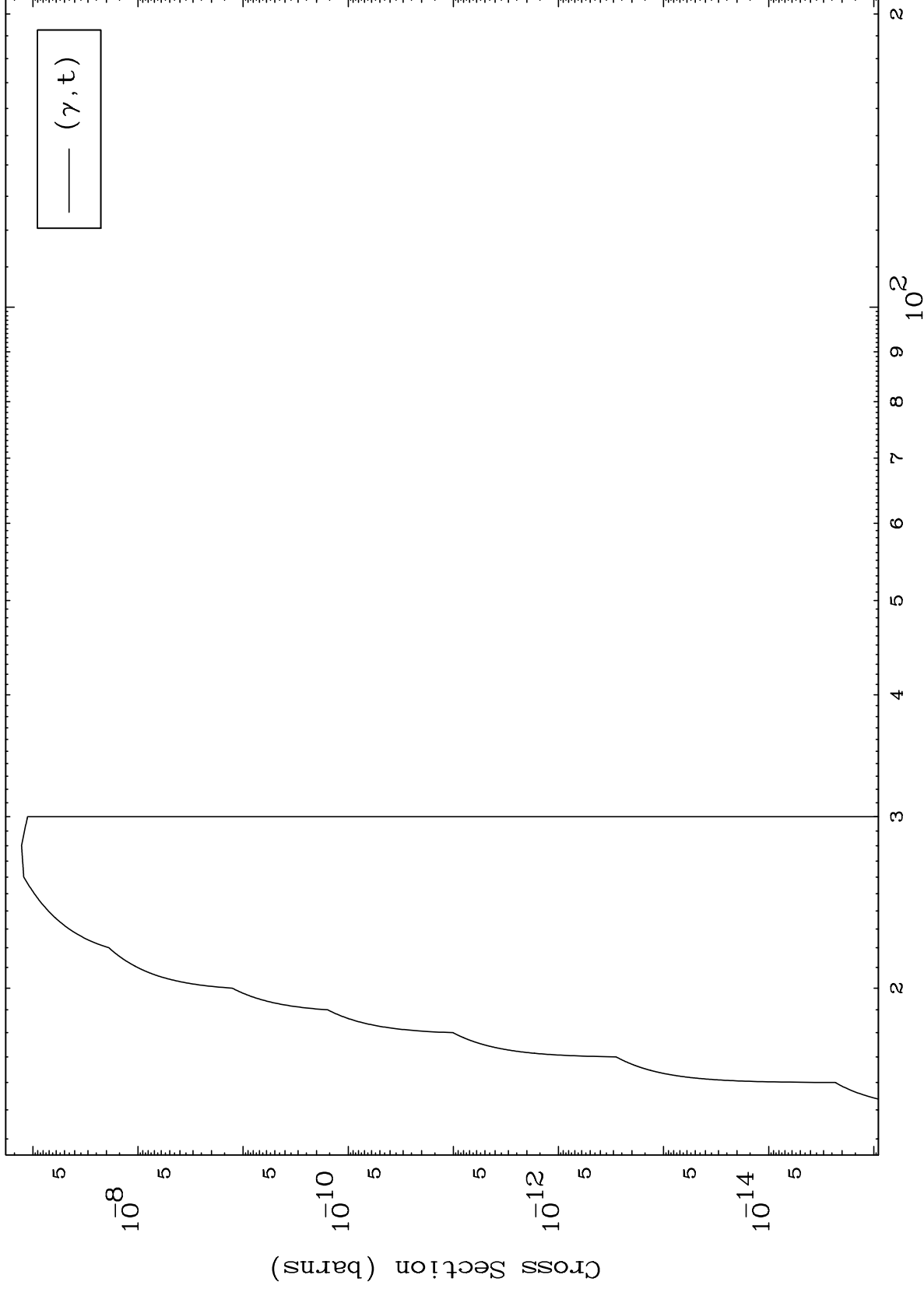
Incident Energy (MeV)

70-Yb-181

MAT 7064

(γ, t) Levels
0 Kelvin Cross Sections

70-Yb-181



8

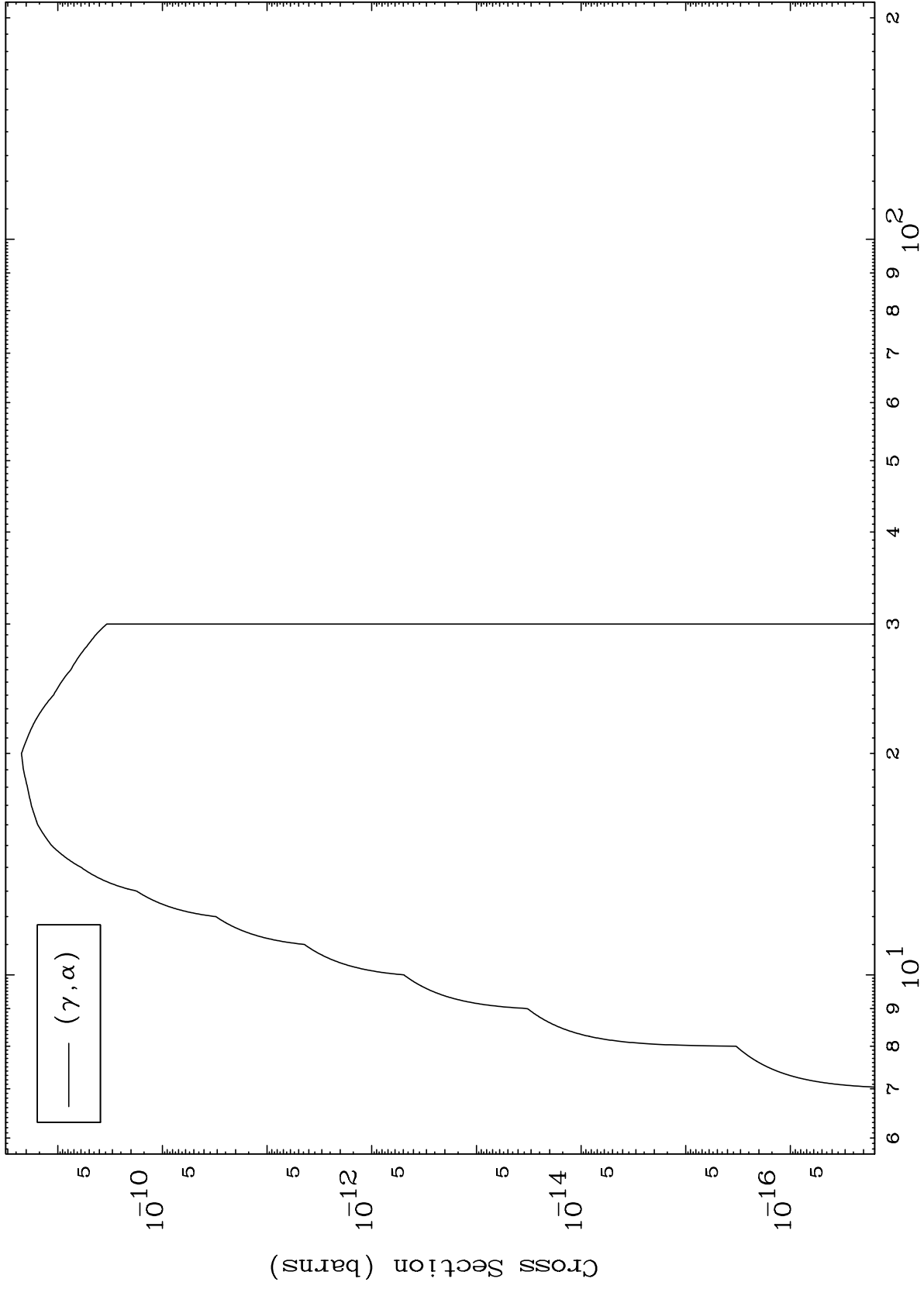
Incident Energy (MeV)

70-Yb-181

MAT 7064

70-Yb-181

(γ, α) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

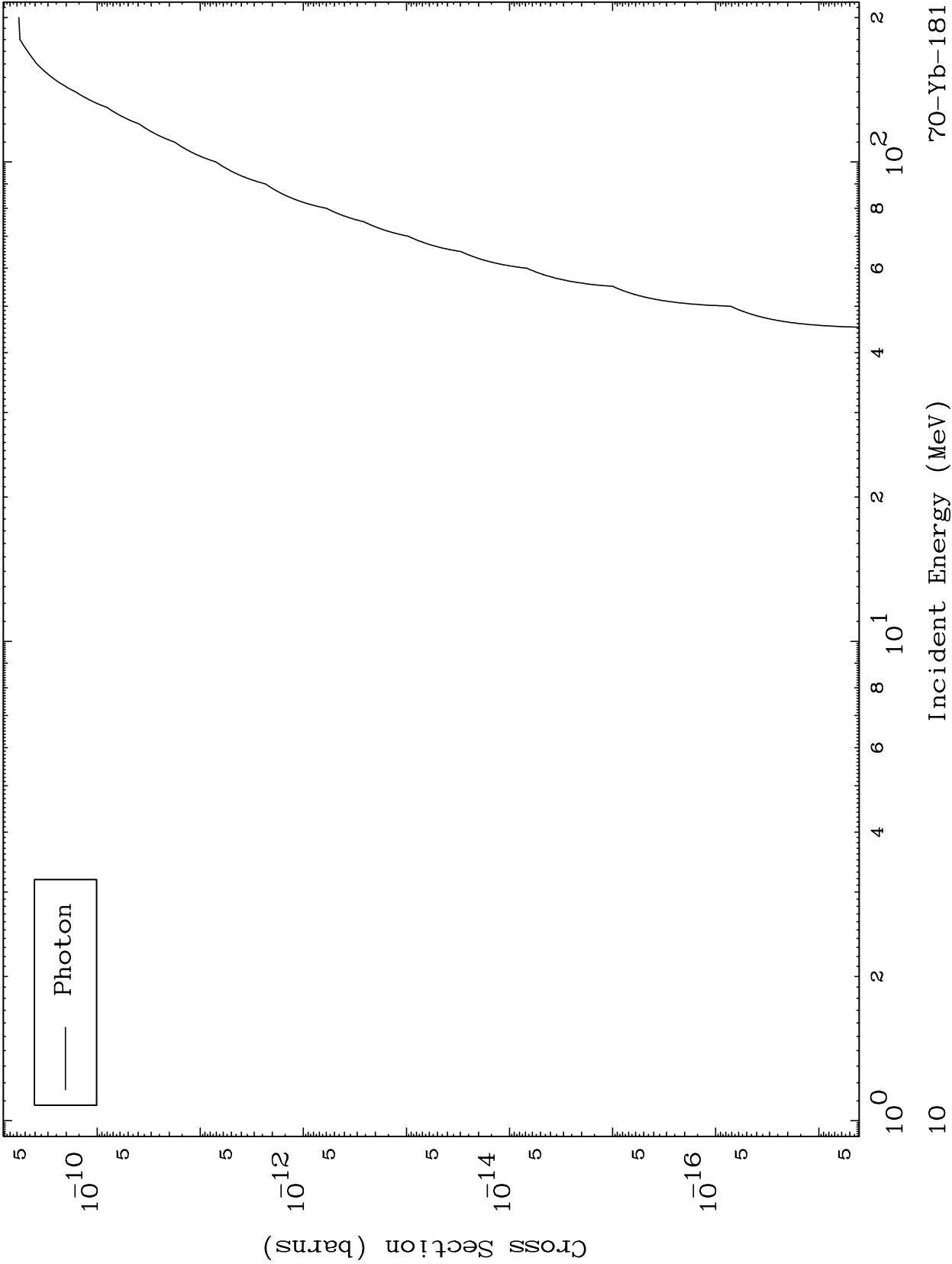
70-Yb-181

MAT 7064

Photon Fission

70-Yb-181

Radionuclide Production Cross Section



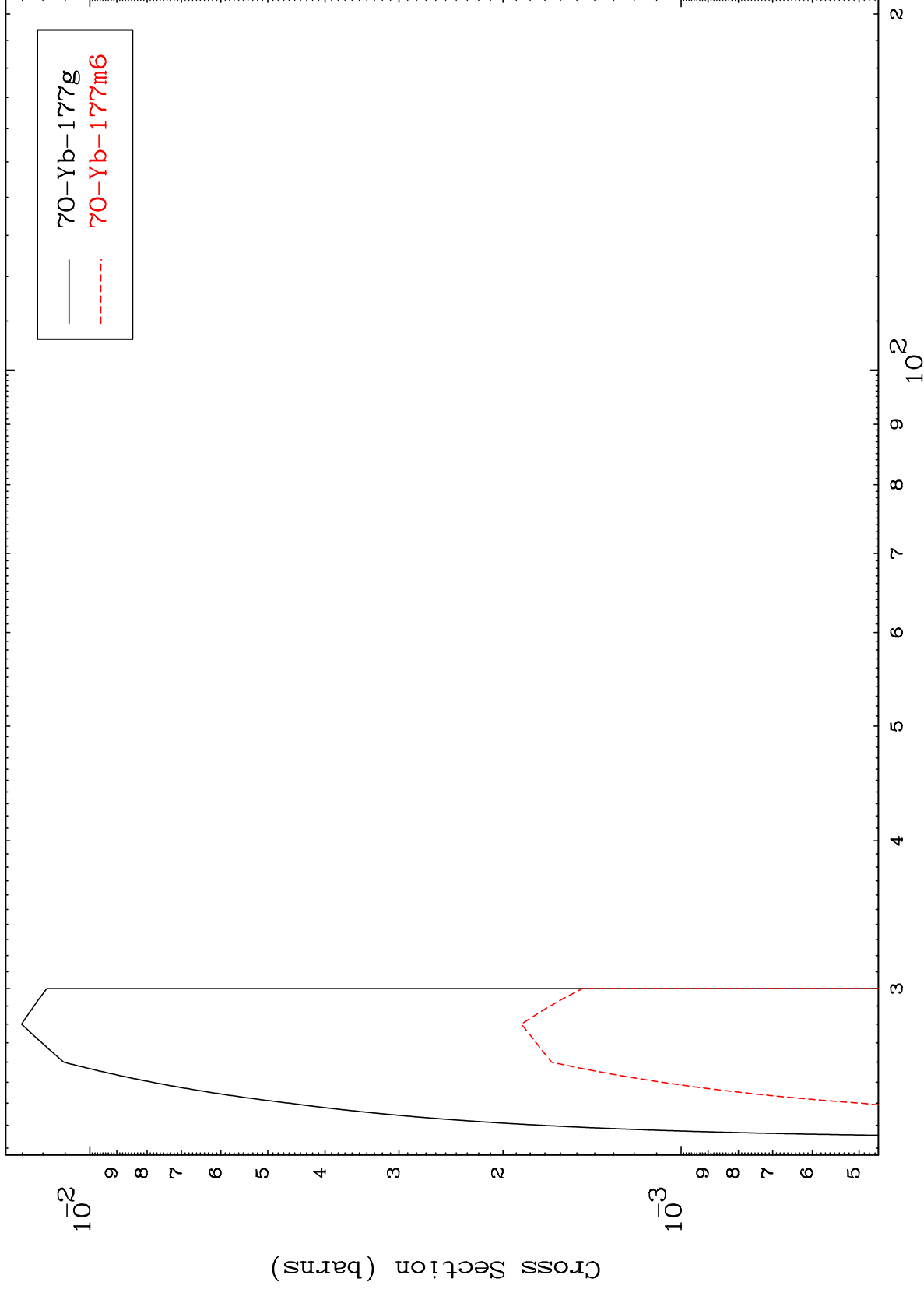
Incident Energy (MeV)

70-Yb-181

MAT 7064

70-Yb-181

($\gamma, 4n$)
Radionuclide Production Cross Section



11

70-Yb-181

Incident Energy (MeV)