

Program EVALPLOT
(Version 2015-2)

by

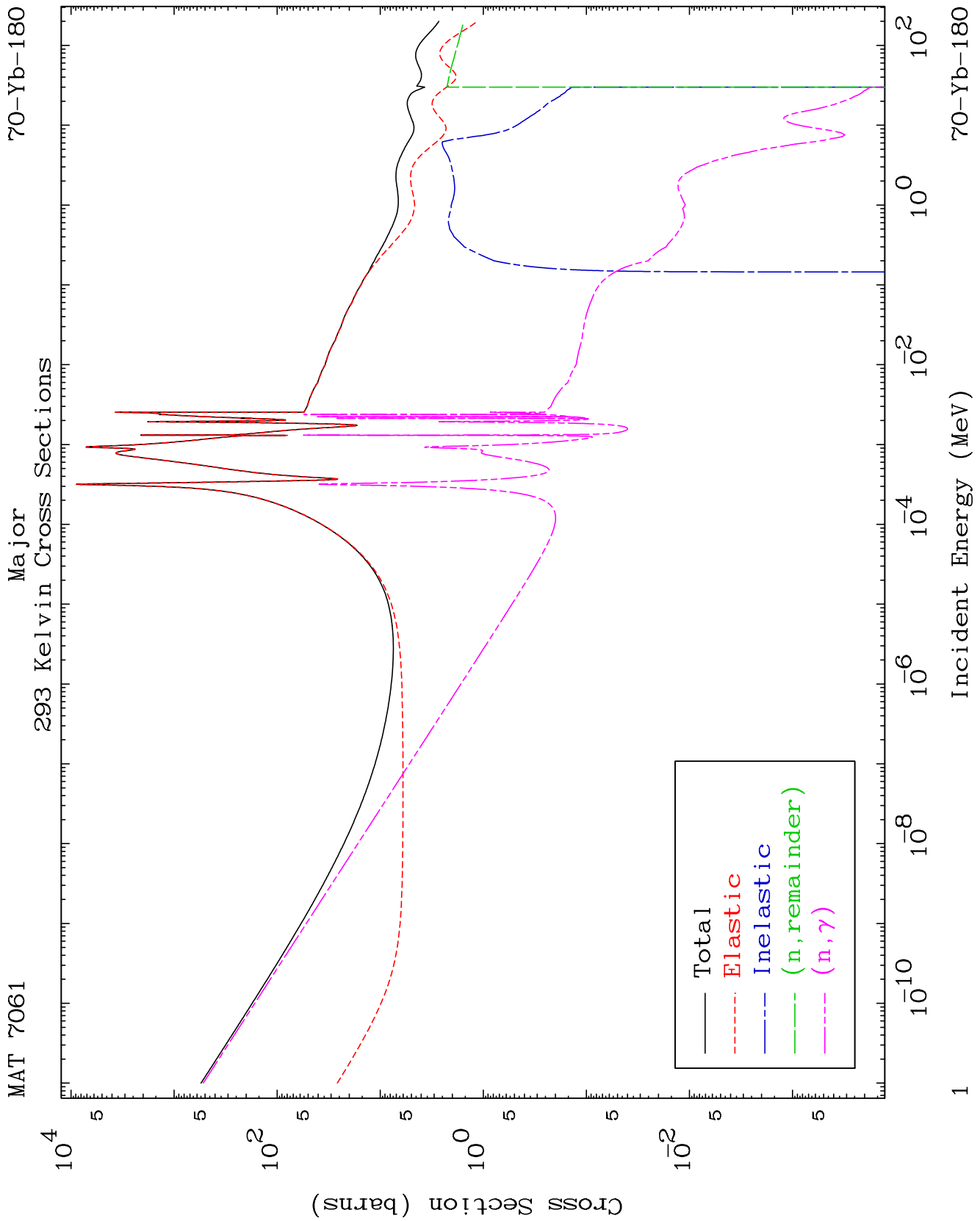
Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

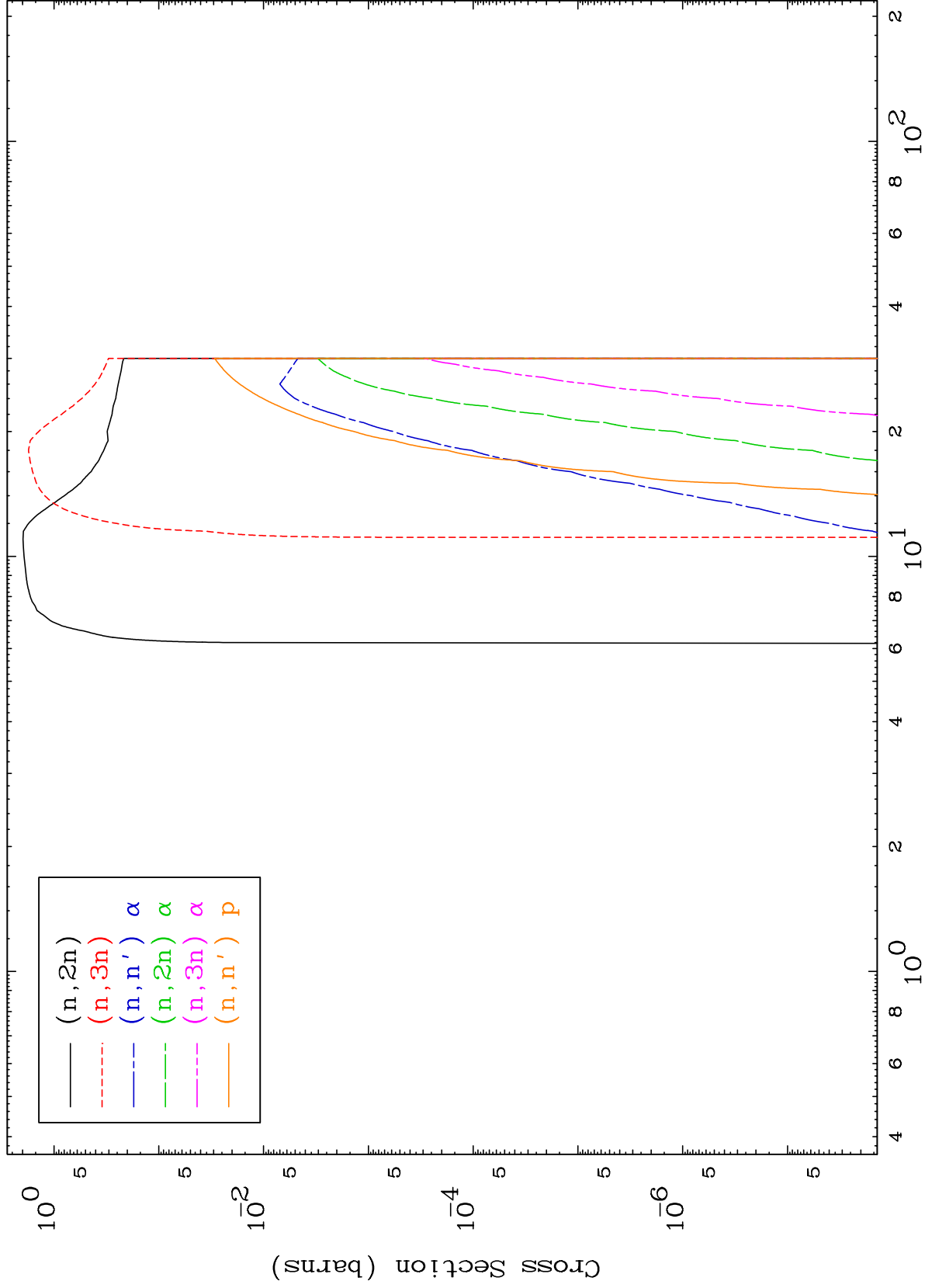
Press Mouse Button to Start



MAT 7061

Neutron Production
293 Kelvin Cross Sections

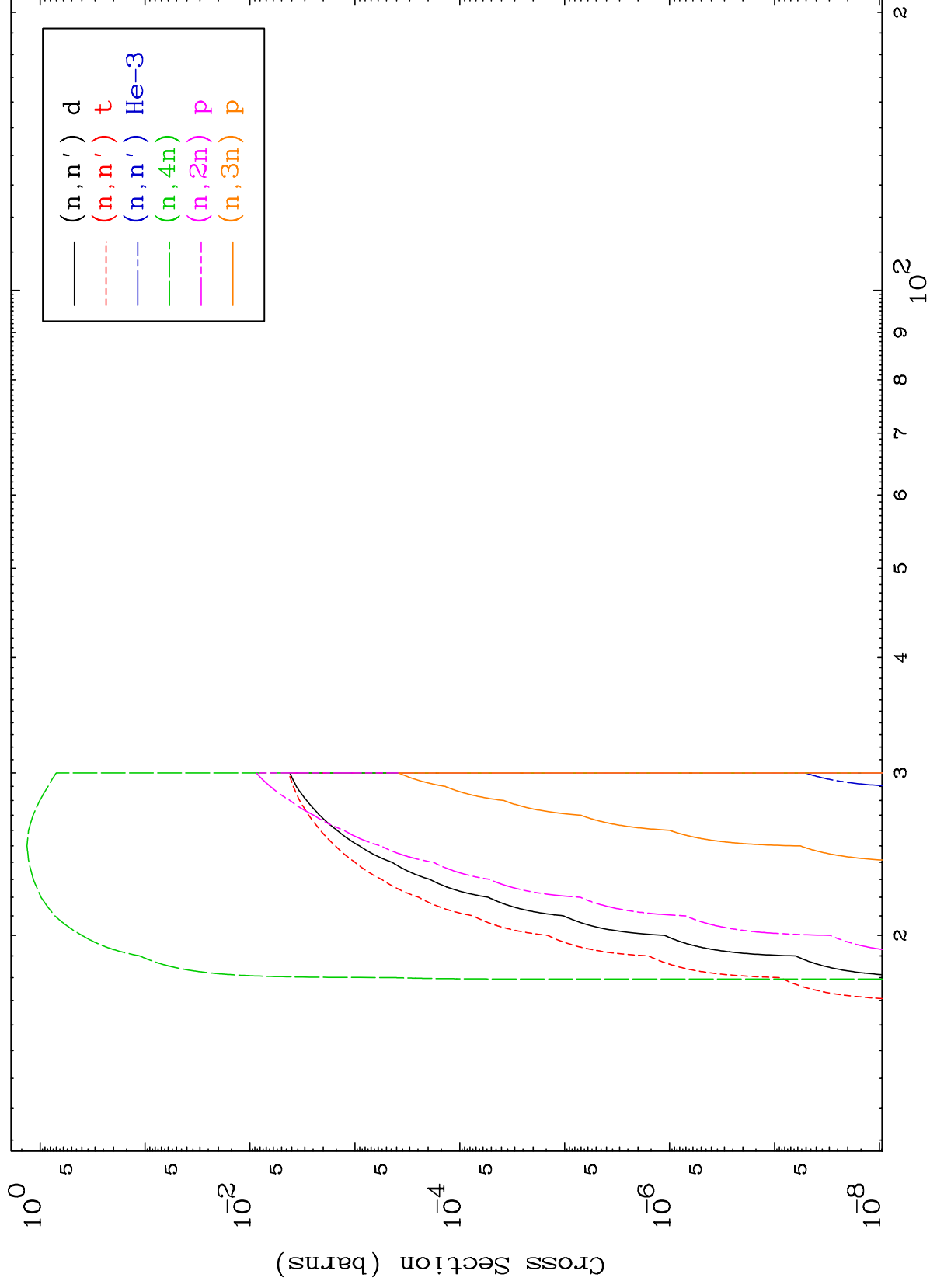
70-Yb-180



2

Incident Energy (MeV)

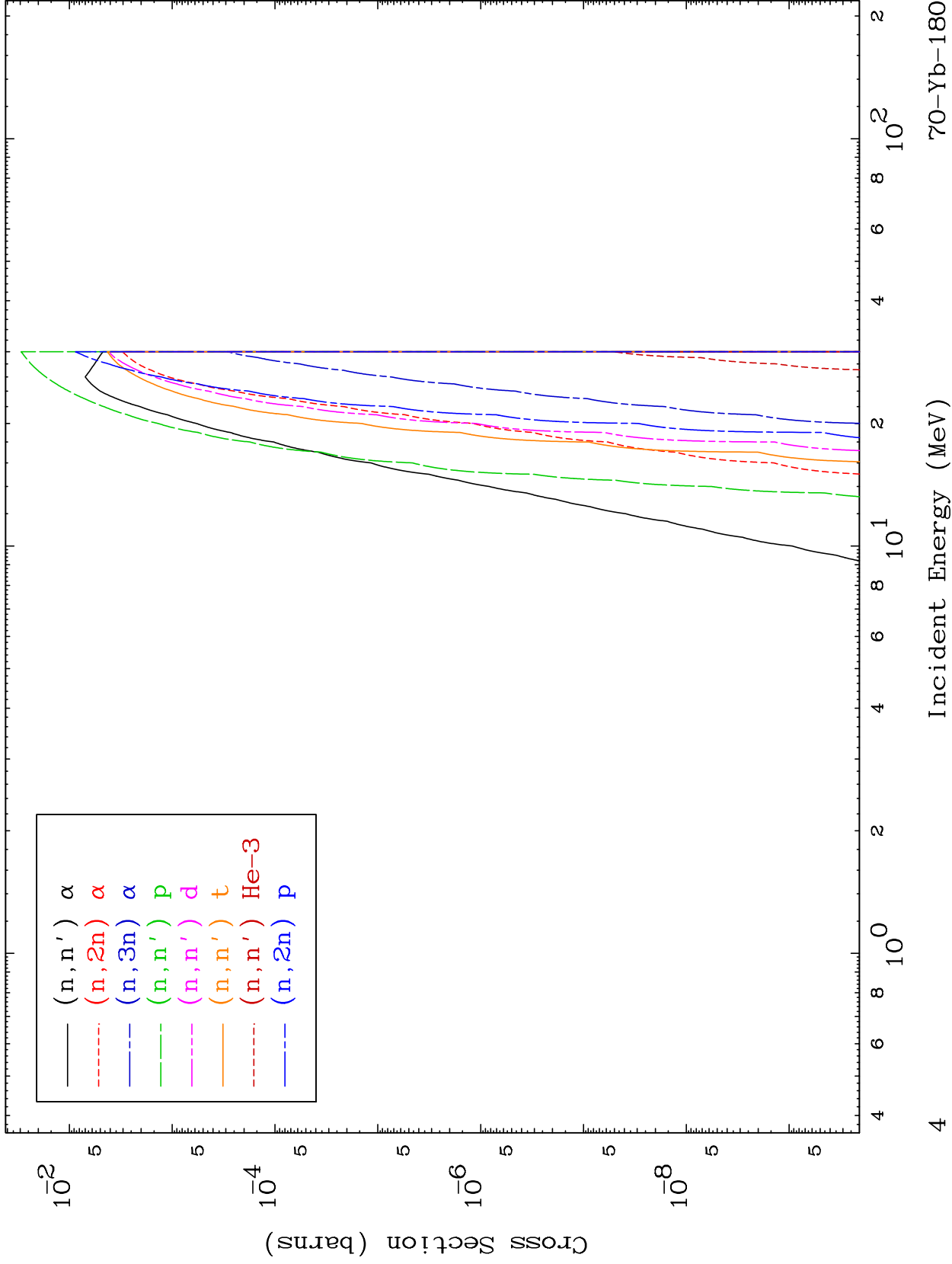
70-Yb-180



MAT 7061

Charged Particle
293 Kelvin Cross Sections

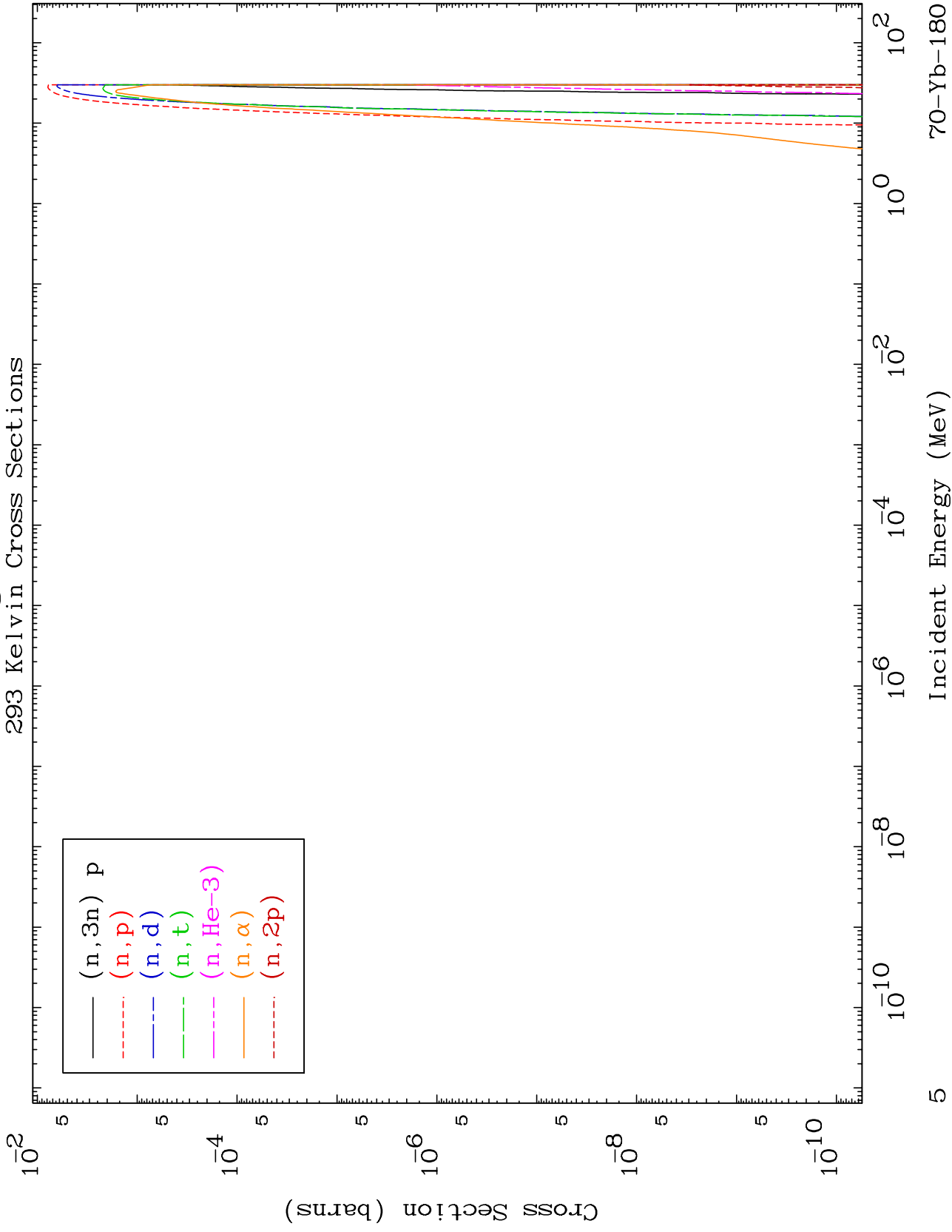
70-Yb-180



MAT 7061

Charged Particle
293 Kelvin Cross Sections

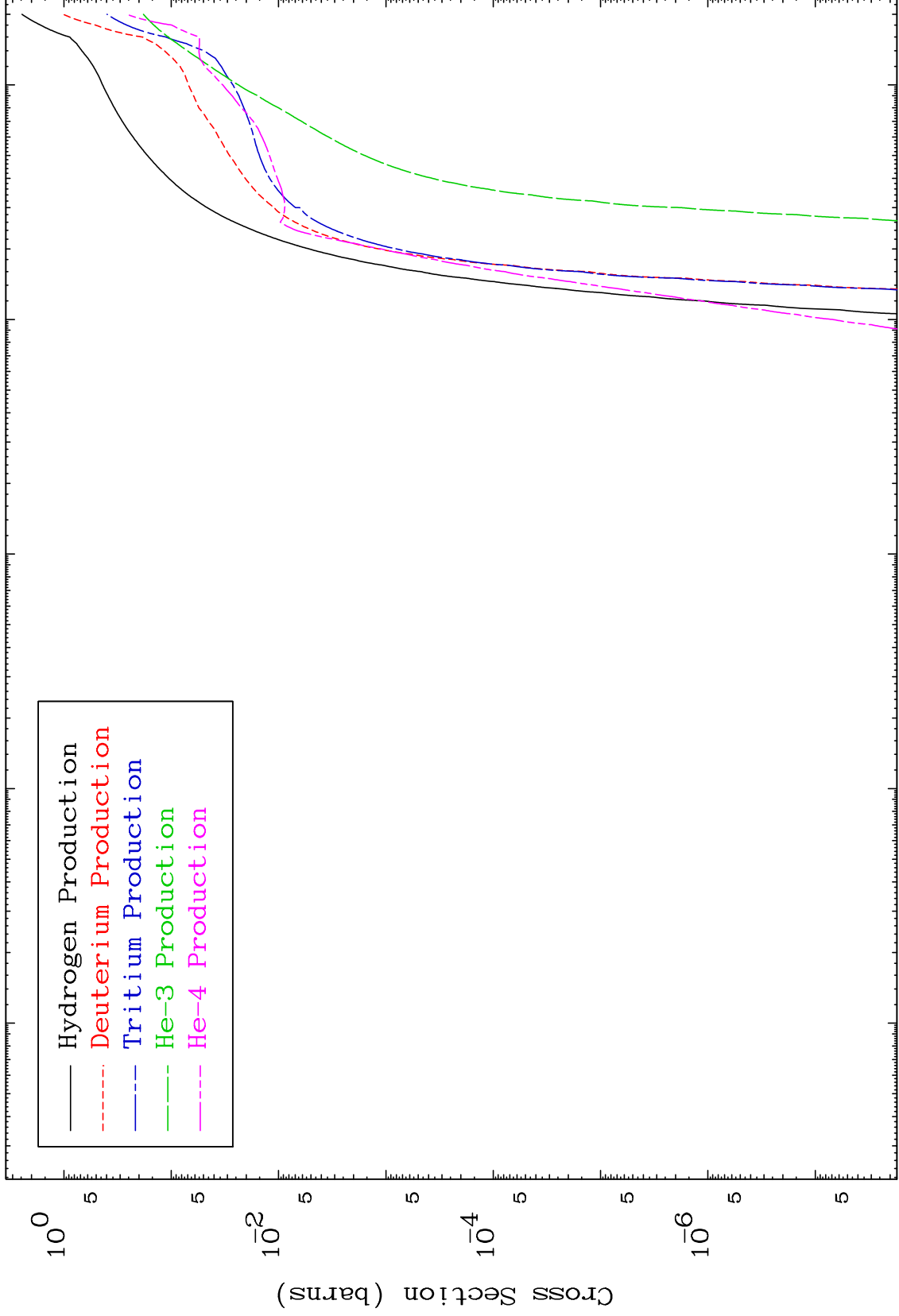
70-Yb-180



MAT 7061

Particle Production
293 Kelvin Cross Sections

70-Yb-180

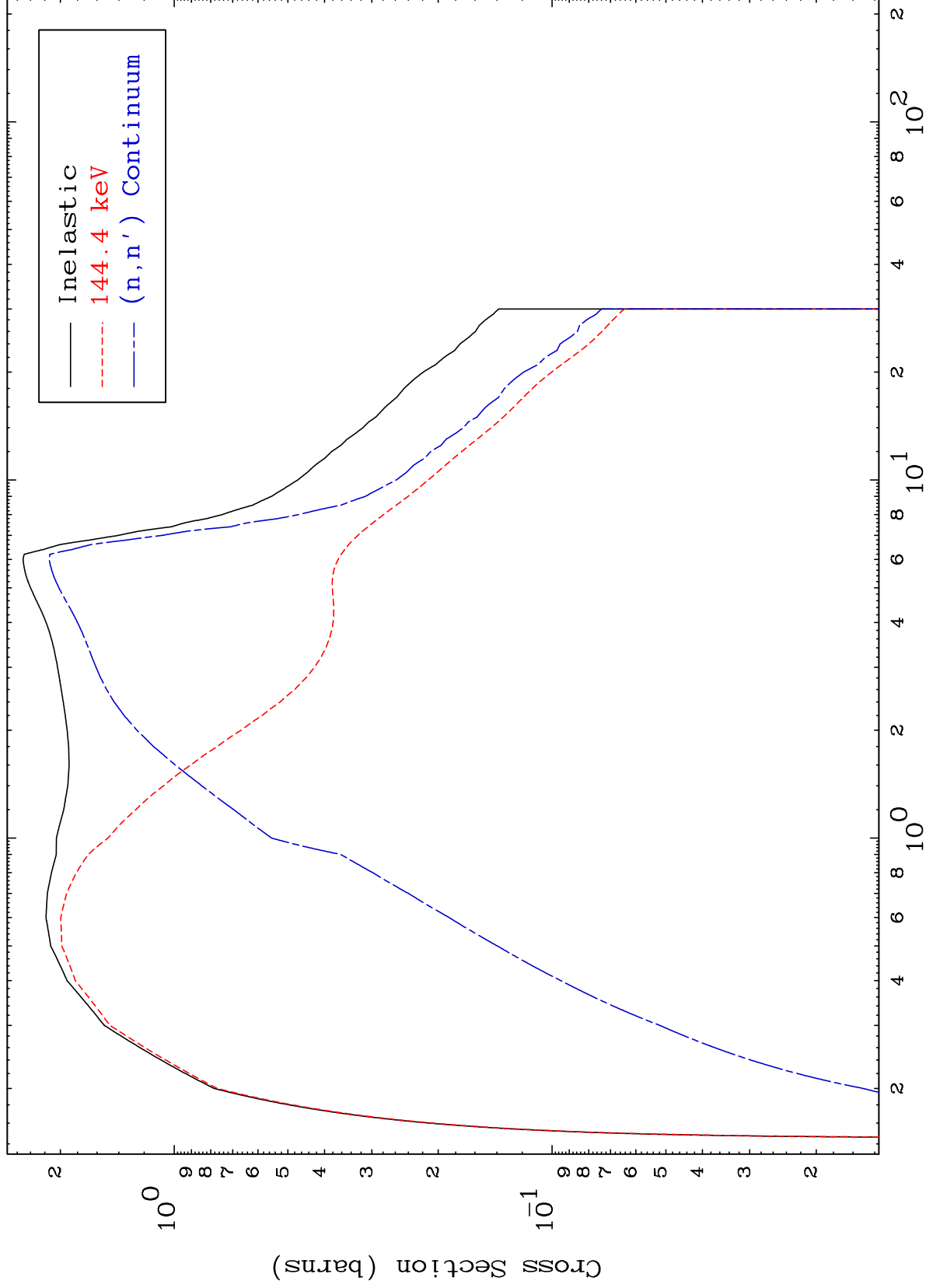


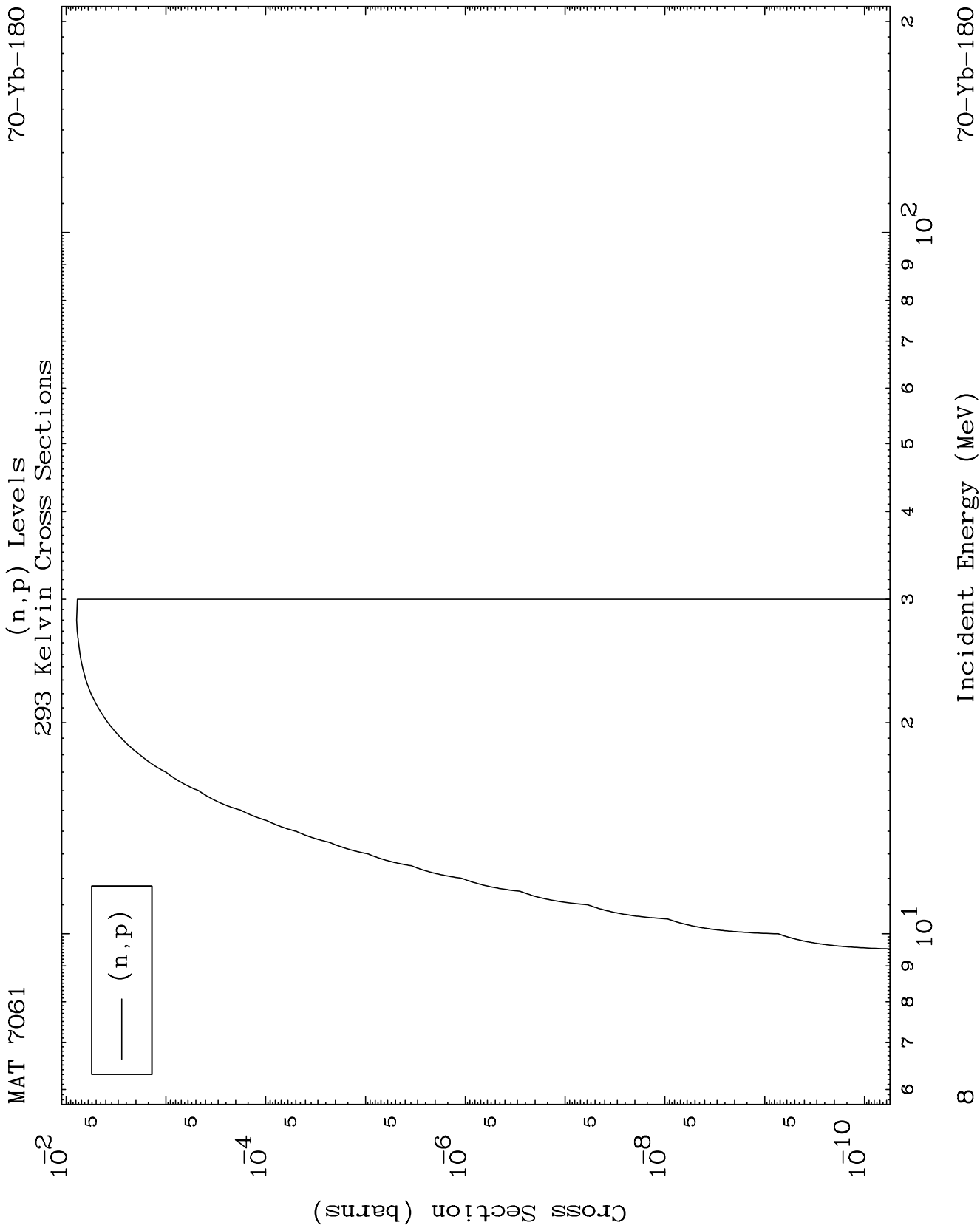
MAT 7061

(n,n') Level

70-Yb-180

293 Kelvin Cross Sections

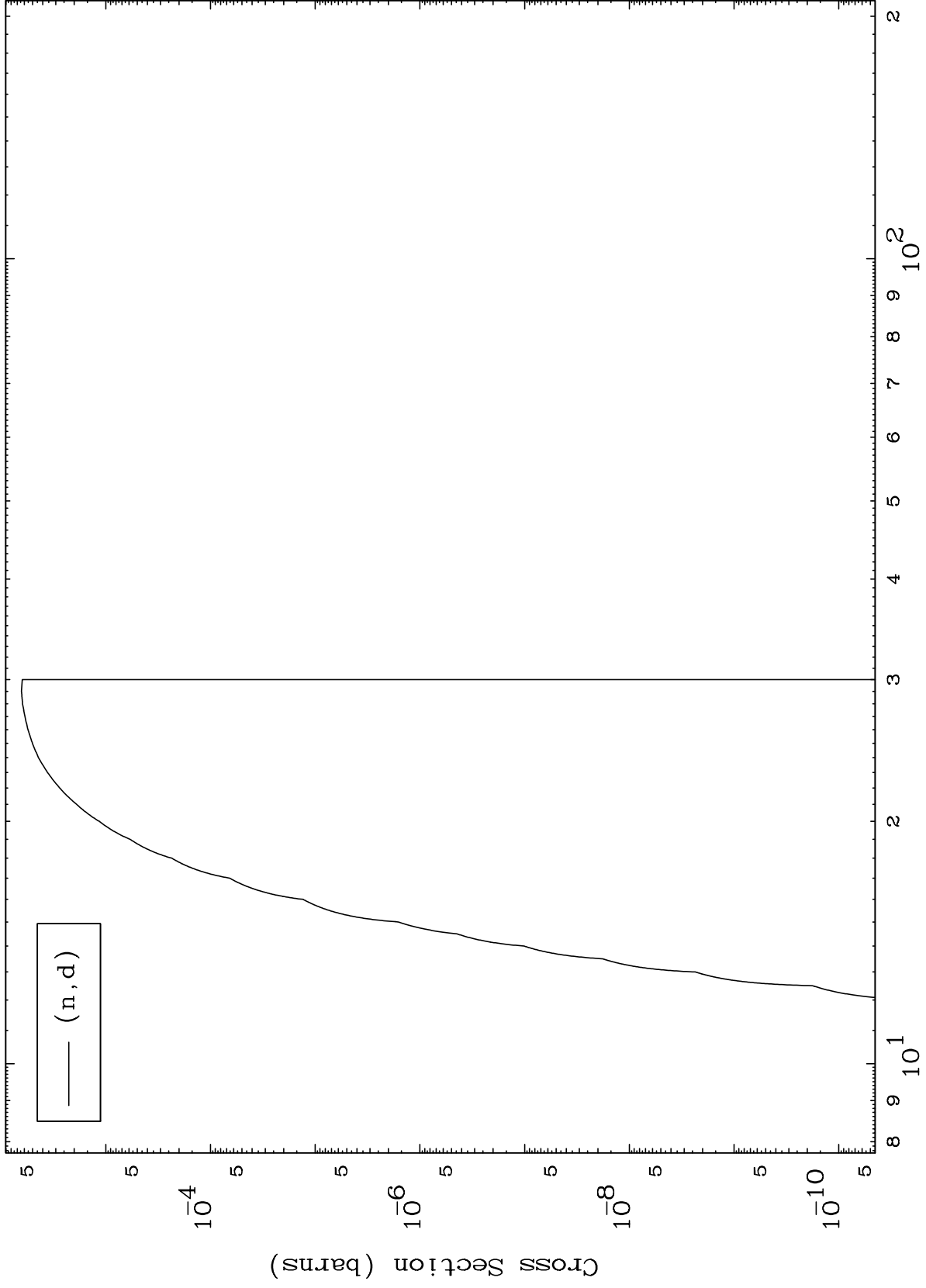




MAT 7061

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-180



9

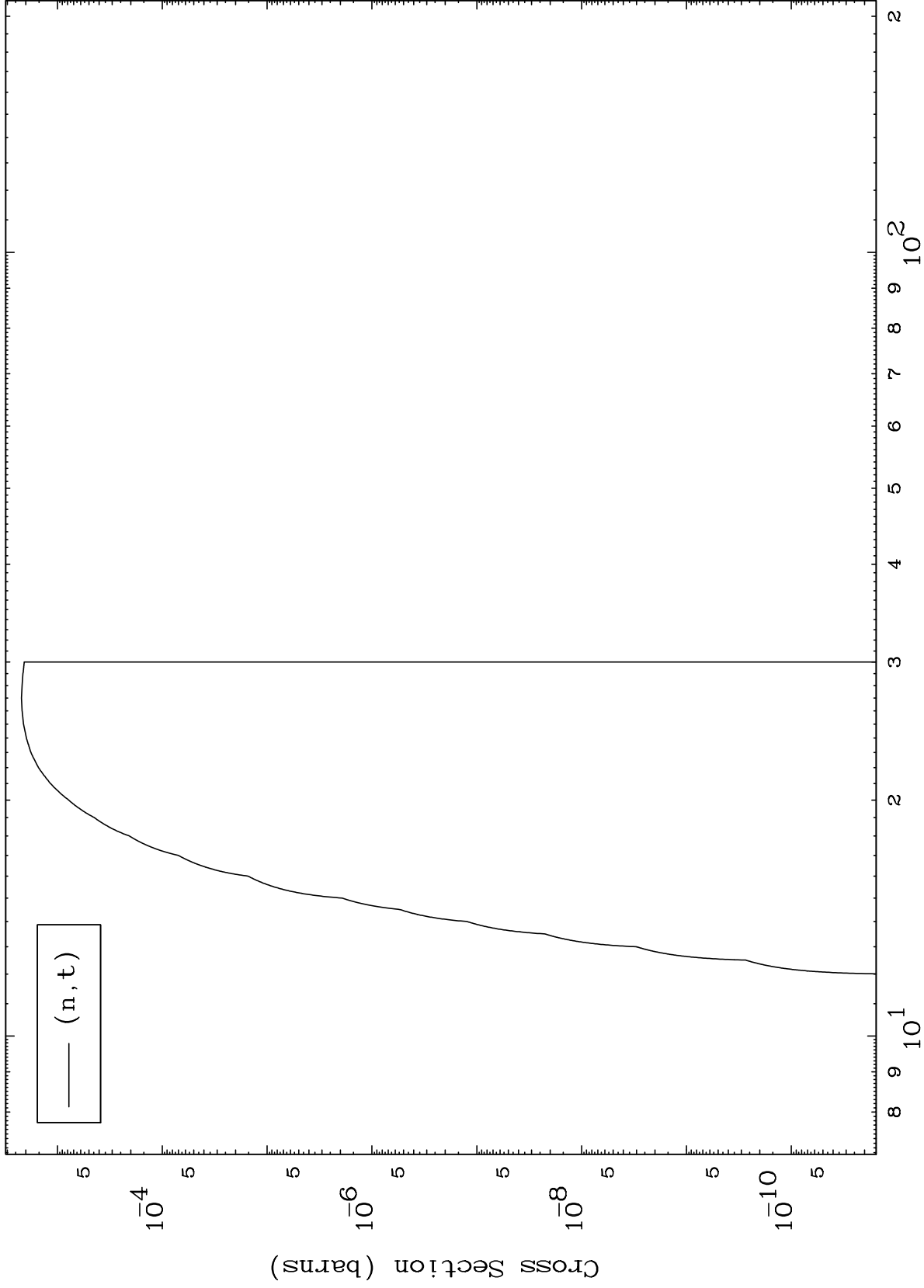
Incident Energy (MeV)

70-Yb-180

MAT 7061

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-180



10

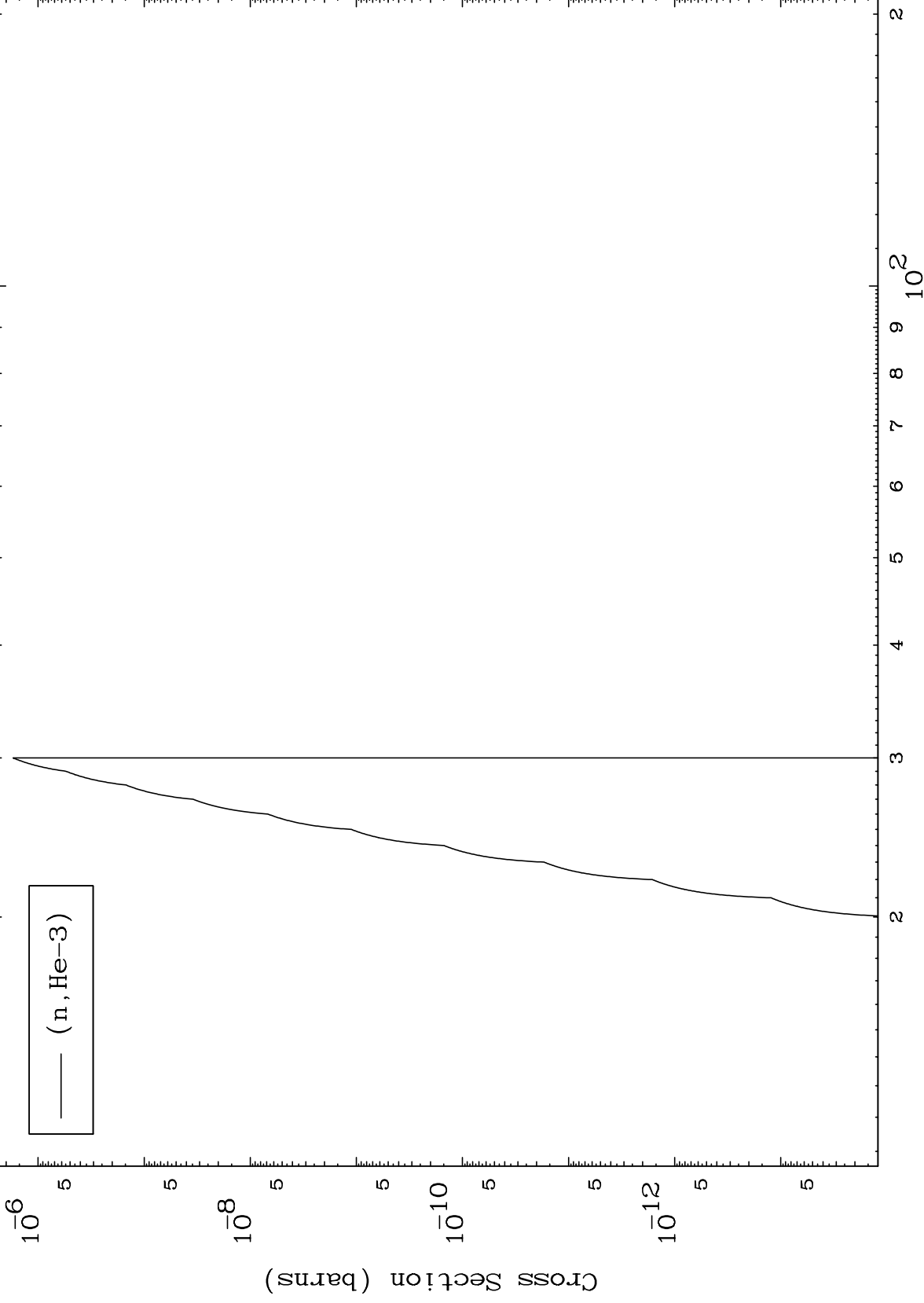
Incident Energy (MeV)

70-Yb-180

MAT 7061

(n,He3) Levels
293 Kelvin Cross Sections

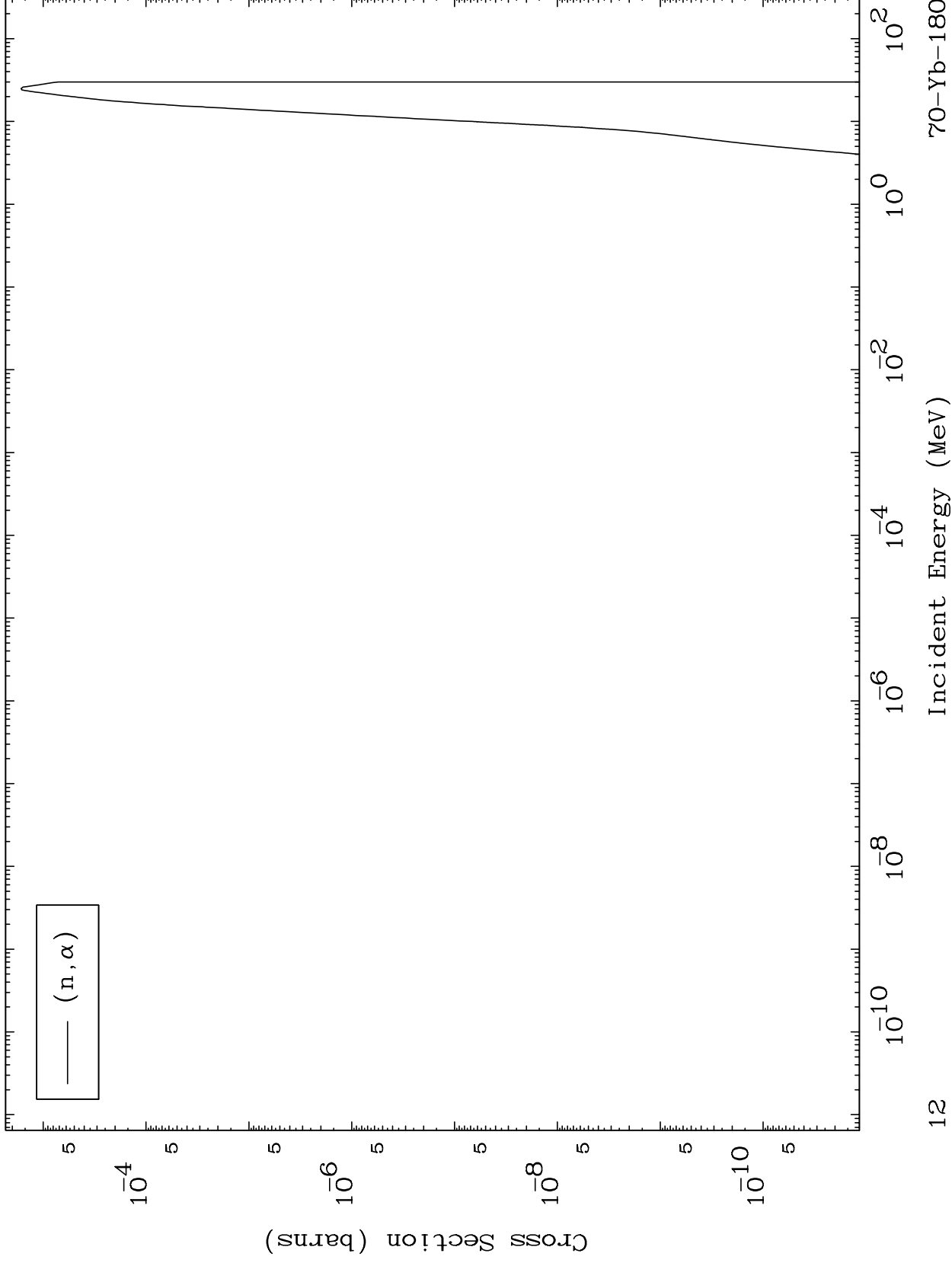
70-Yb-180

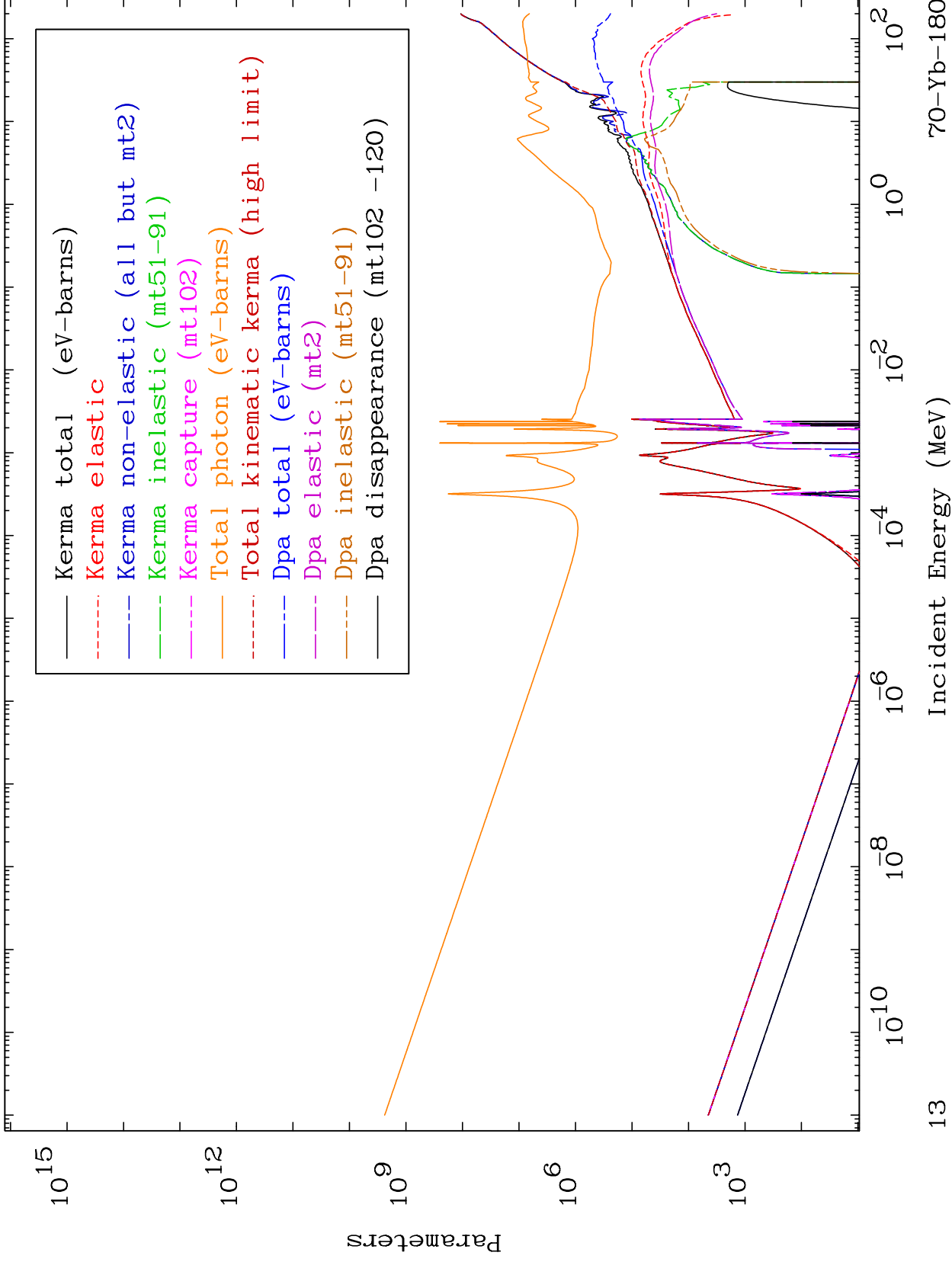


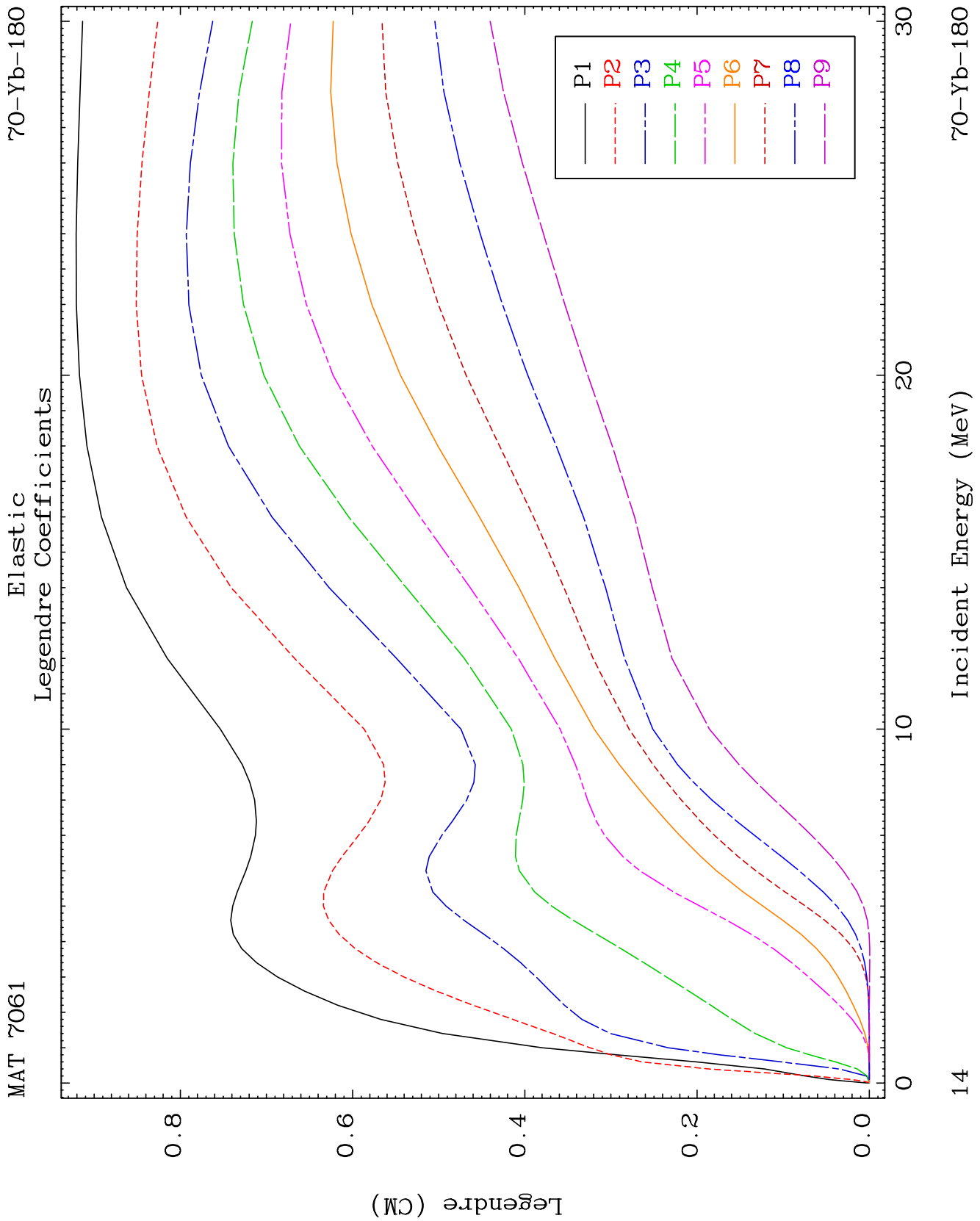
MAT 7061

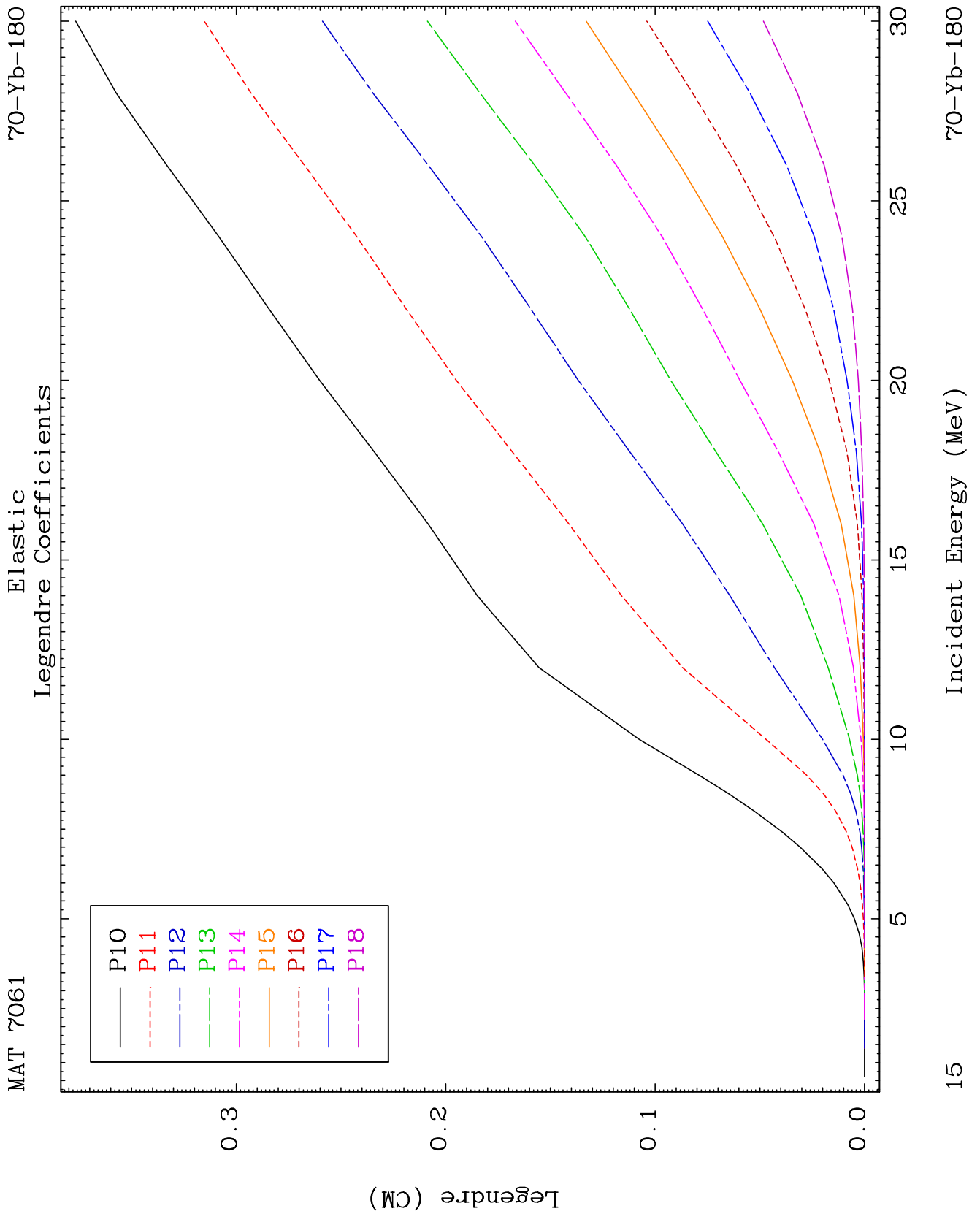
(n, α) Levels
293 Kelvin Cross Sections

70-Yb-180





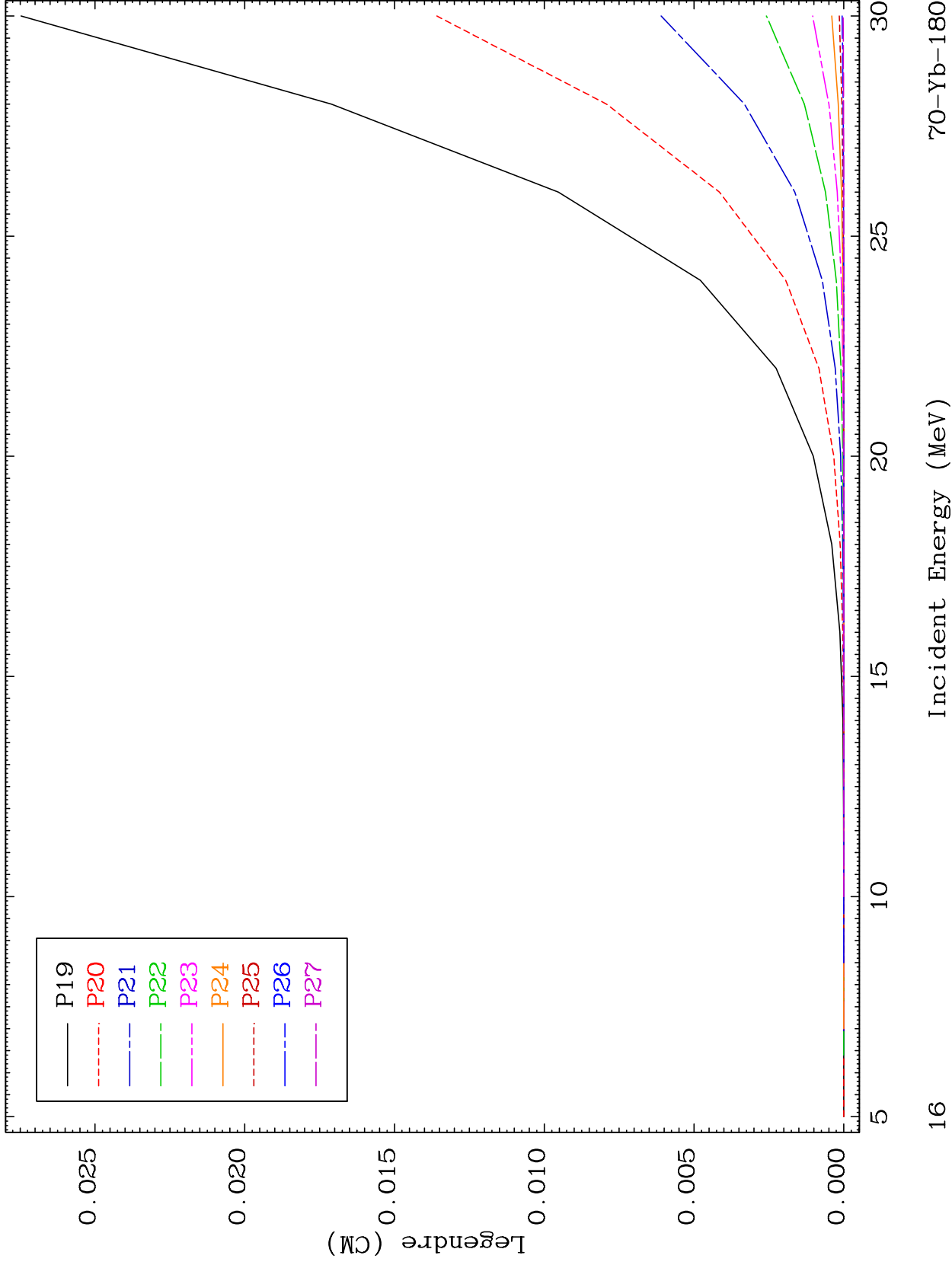




MAT 7061

Elastic Legendre Coefficients

70-Yb-180



16

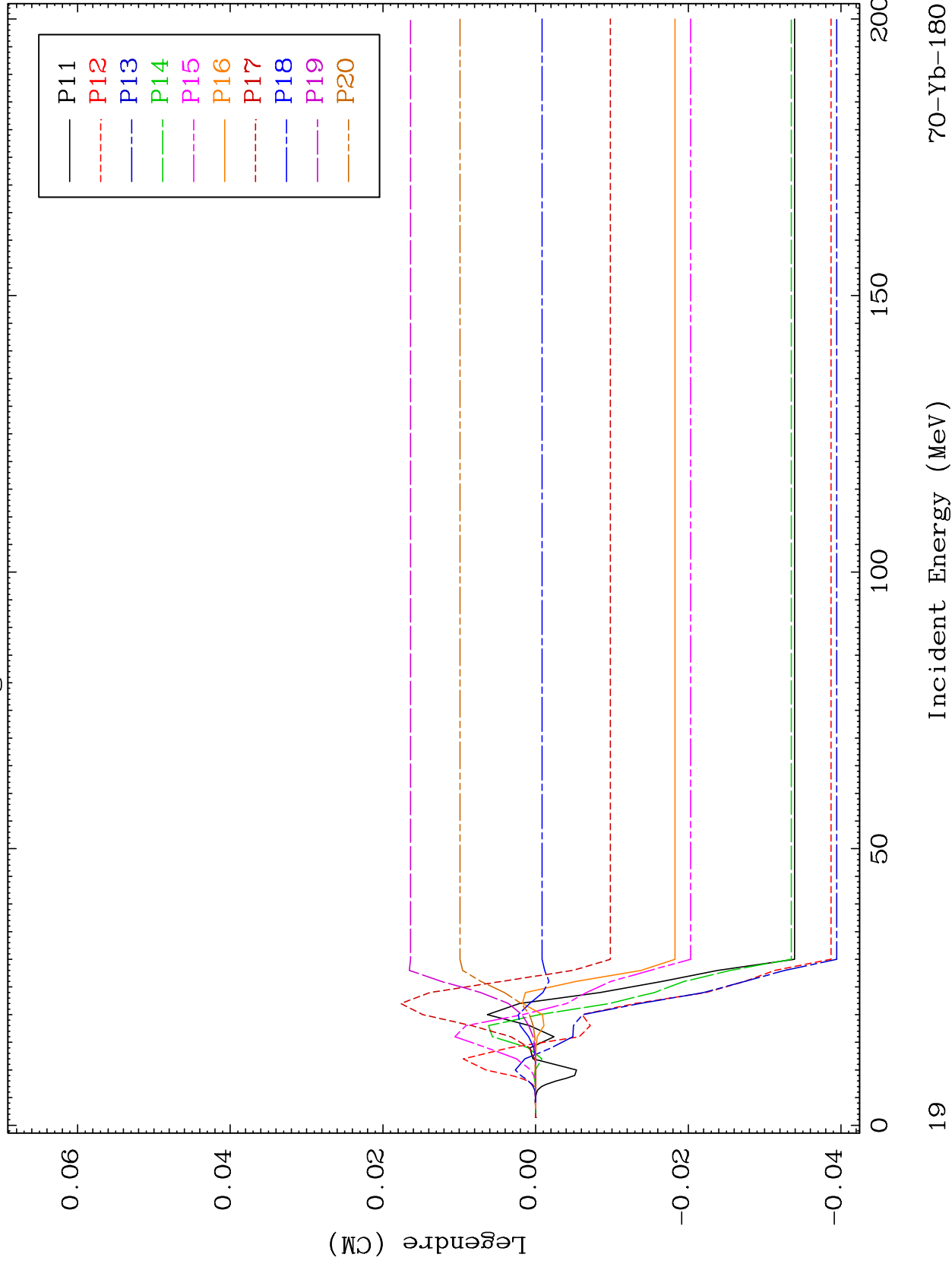
Incident Energy (MeV)

70-Yb-180

MAT 7061

144.4 keV (n,n') Level
Legendre Coefficients

70-Yb-180



19

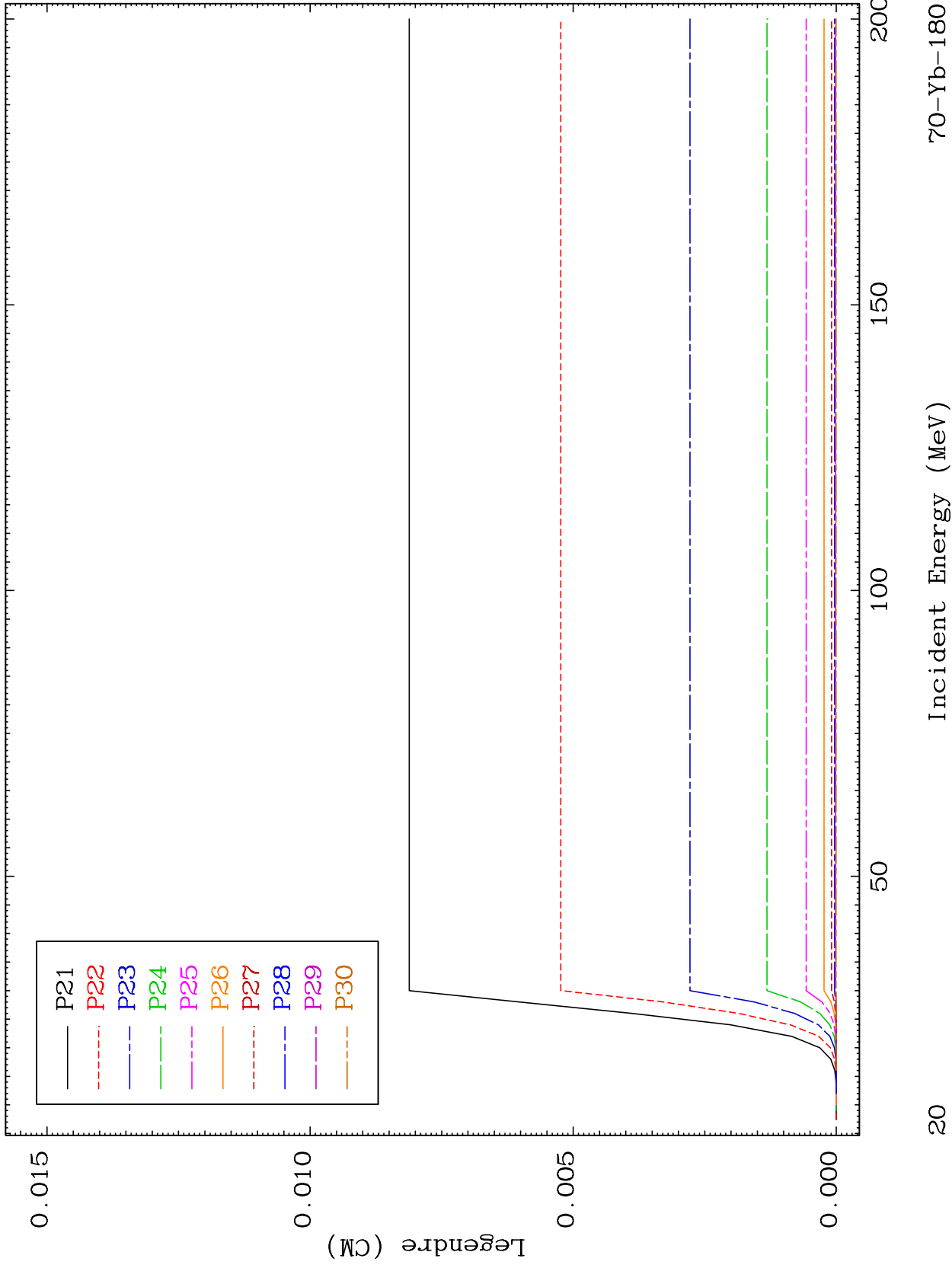
Incident Energy (MeV)

70-Yb-180

MAT 7061

144.4 keV (n, n') Level
Legendre Coefficients

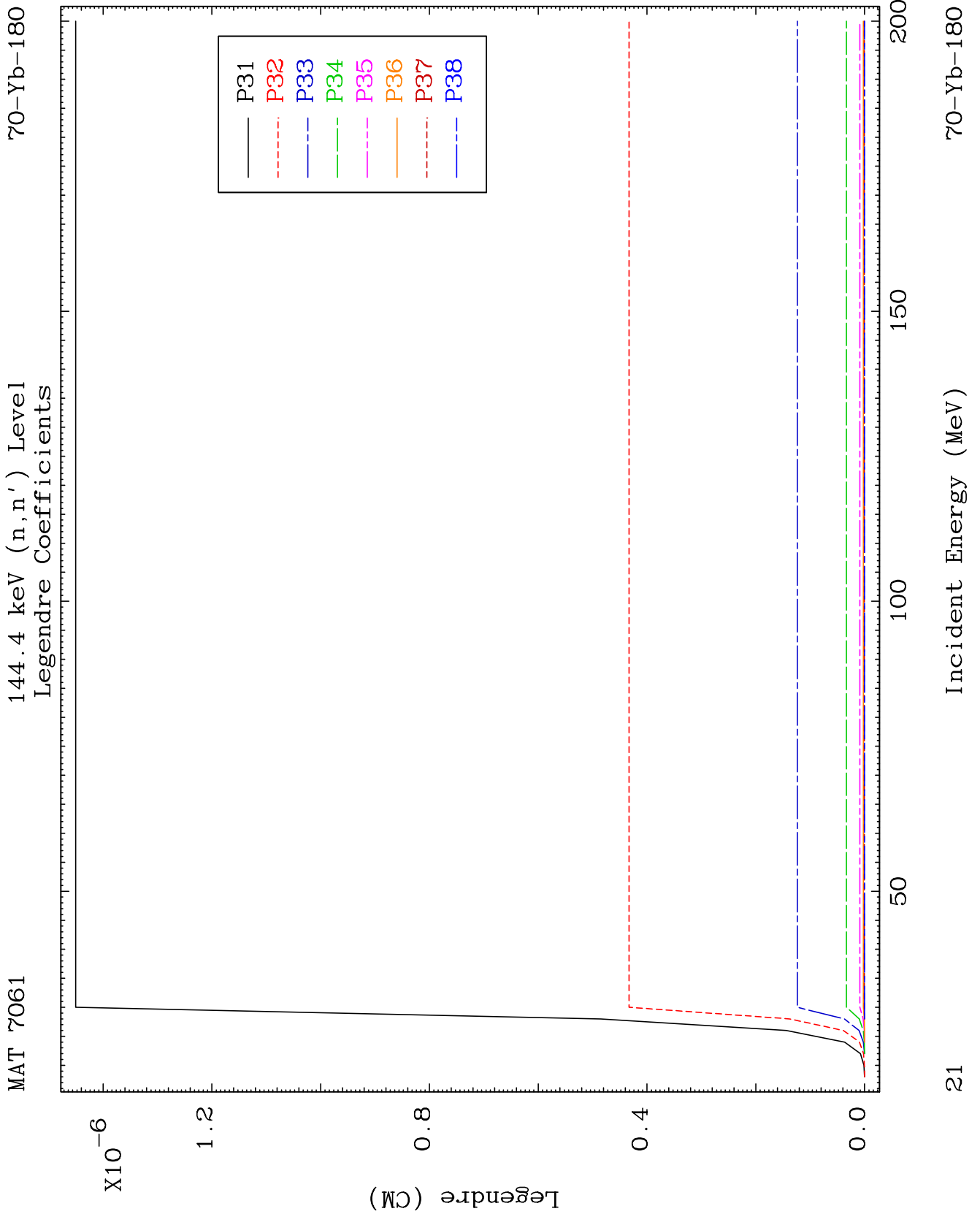
70-Yb-180



20

Incident Energy (MeV)

70-Yb-180

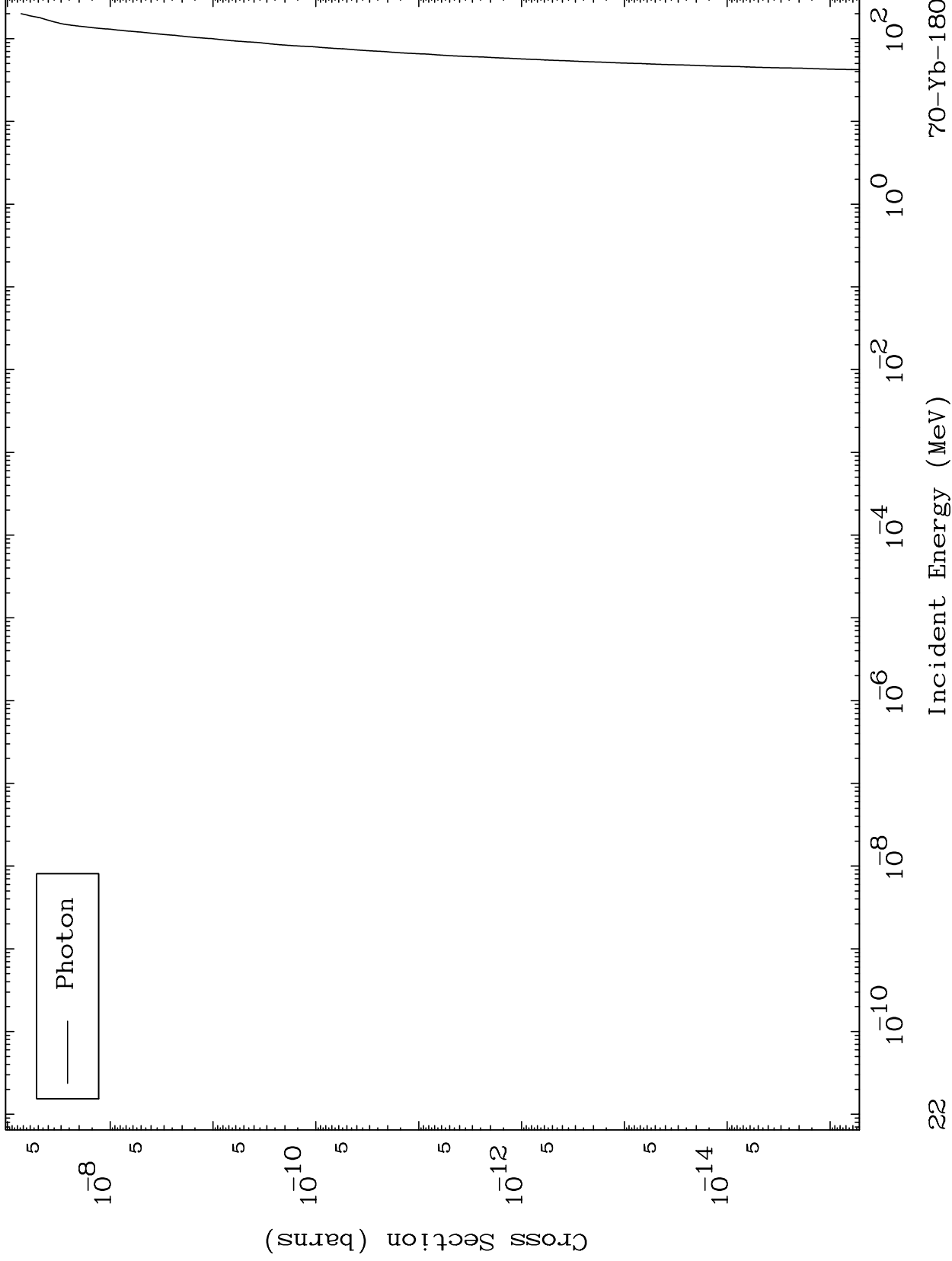


MAT 7061

Fission

70-Yb-180

Radionuclide Production Cross Section

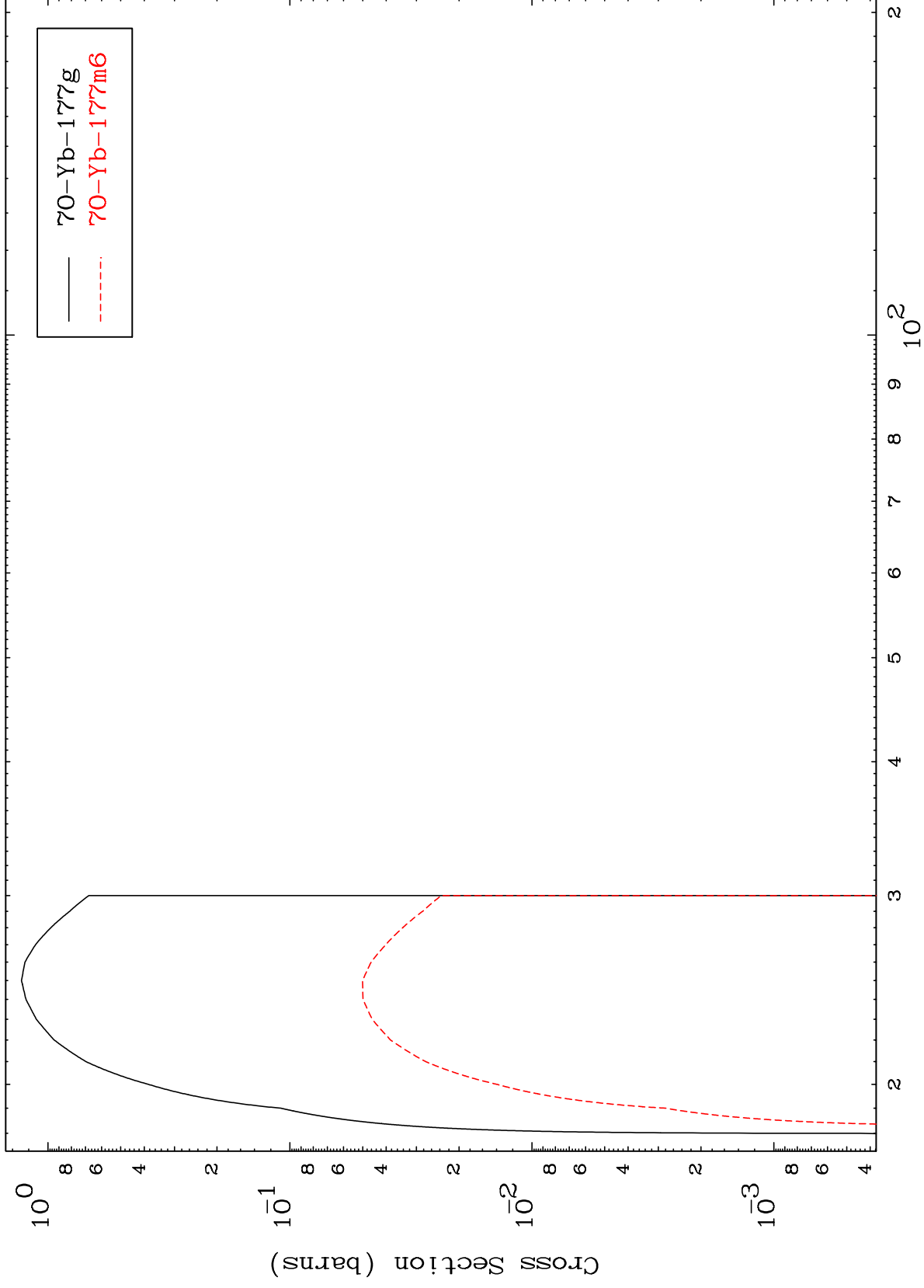


MAT 7061

(n,4n)

70-Yb-180

Radionuclide Production Cross Section



23

Incident Energy (MeV)

70-Yb-180