

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

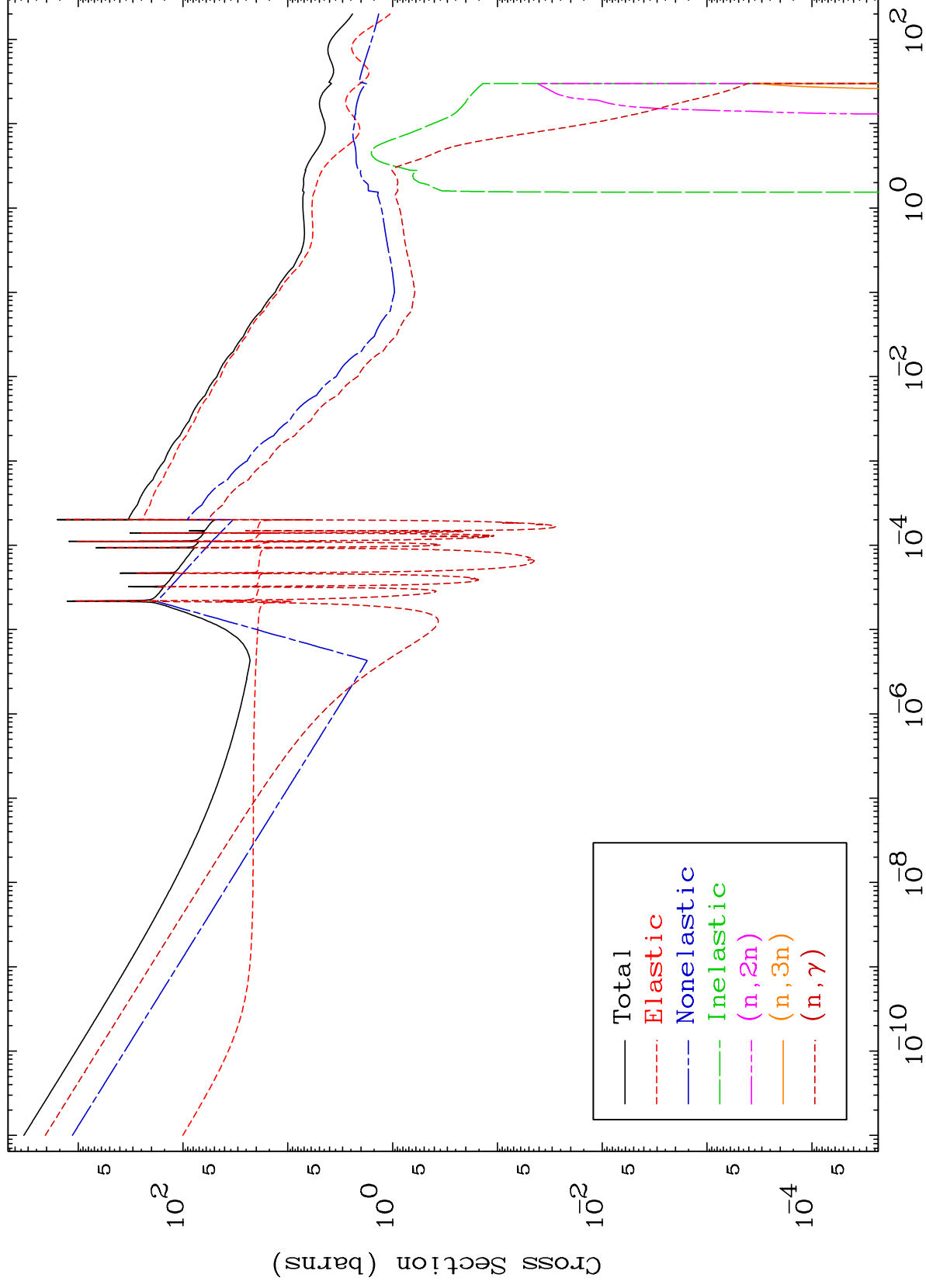
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

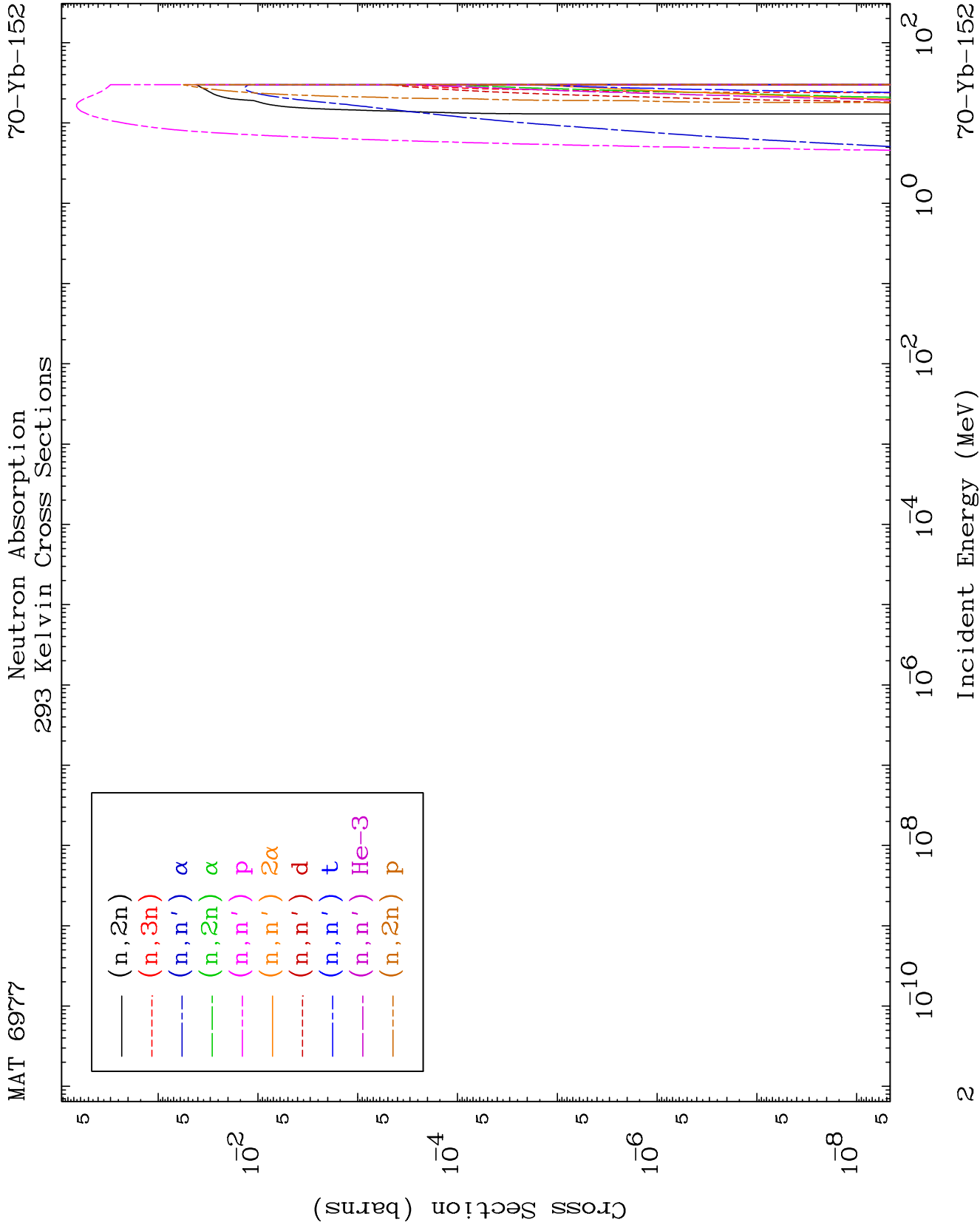
Press Mouse Button to Start

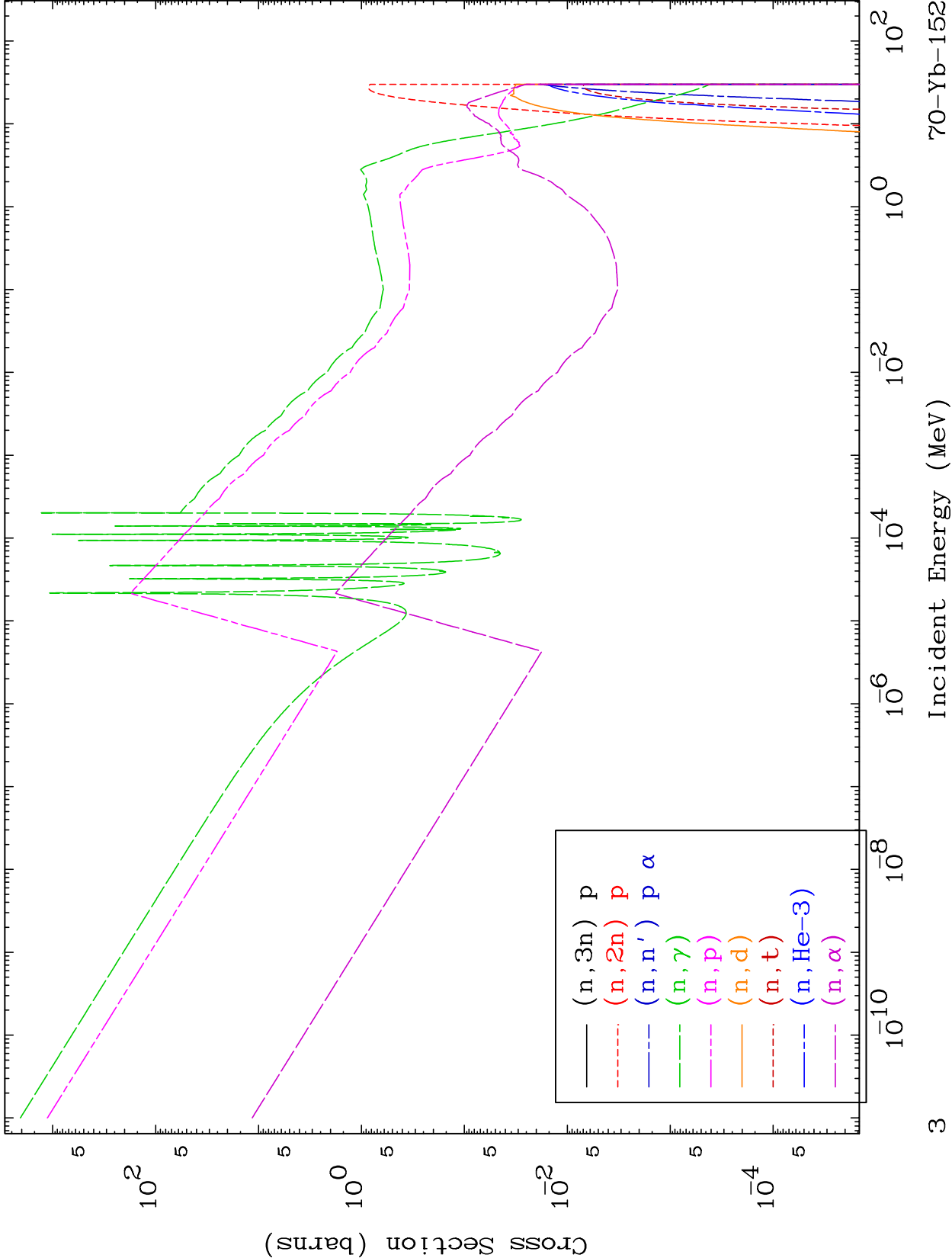
MAT 6977

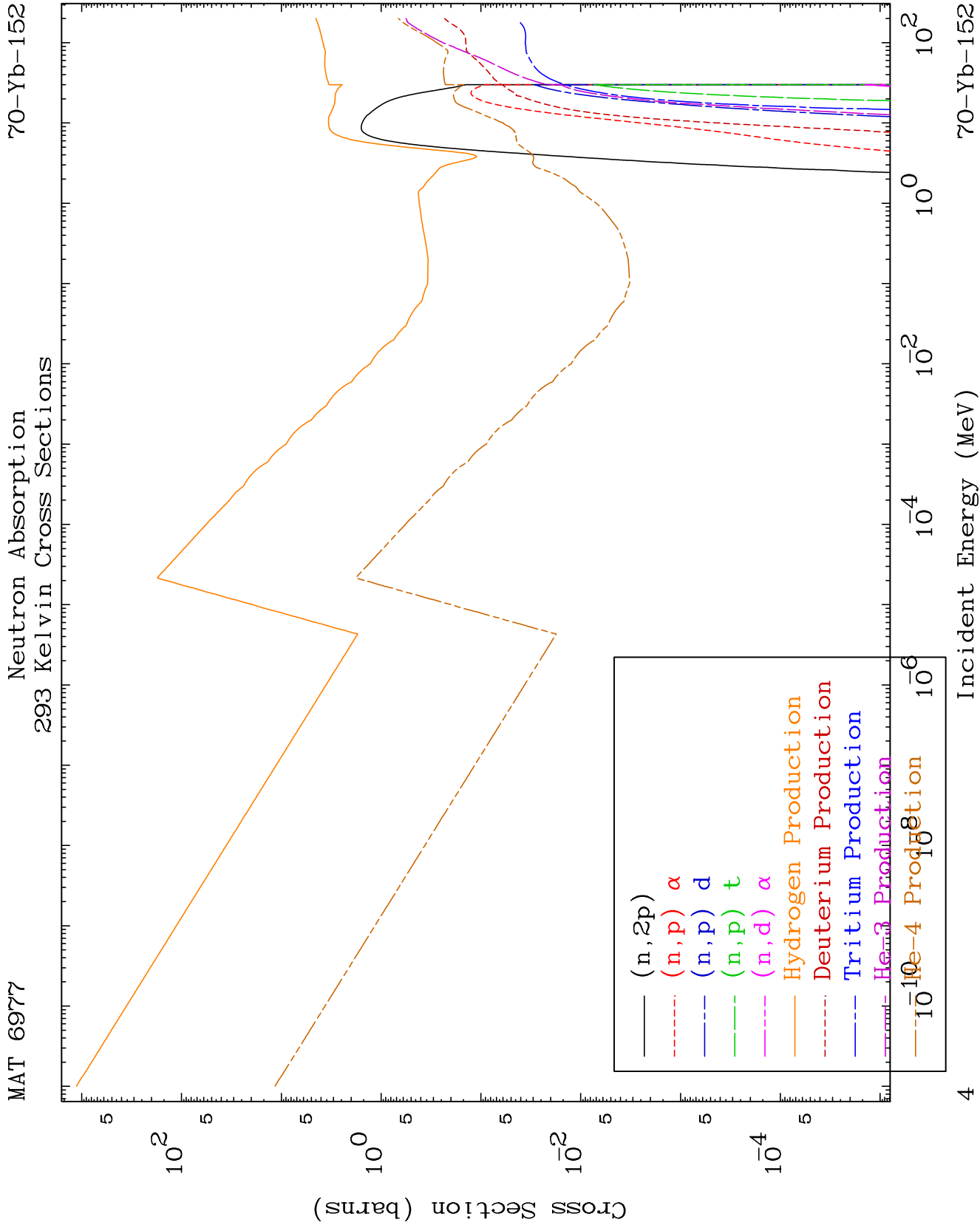
Neutron Major
293 Kelvin Cross Sections

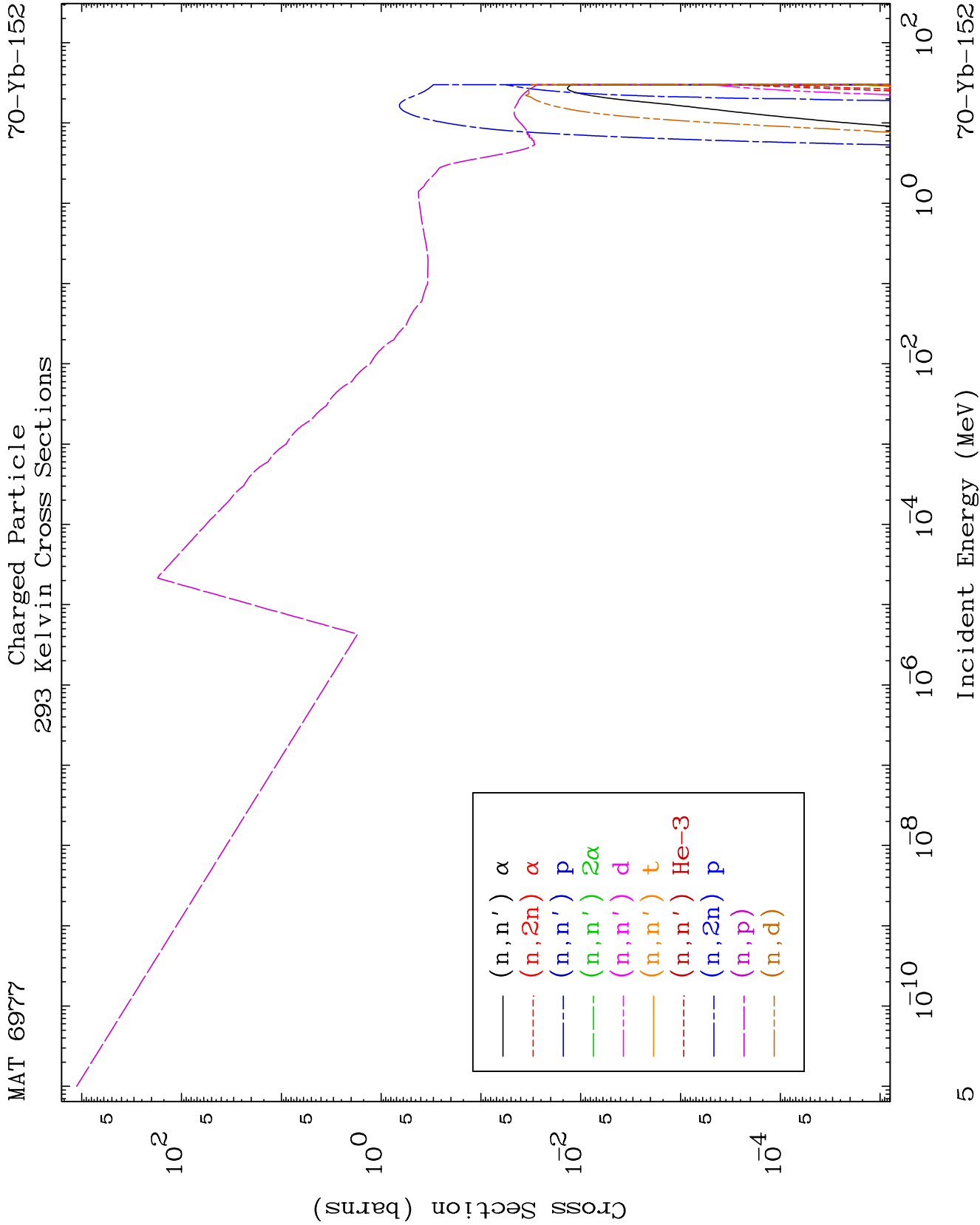
70-Yb-152

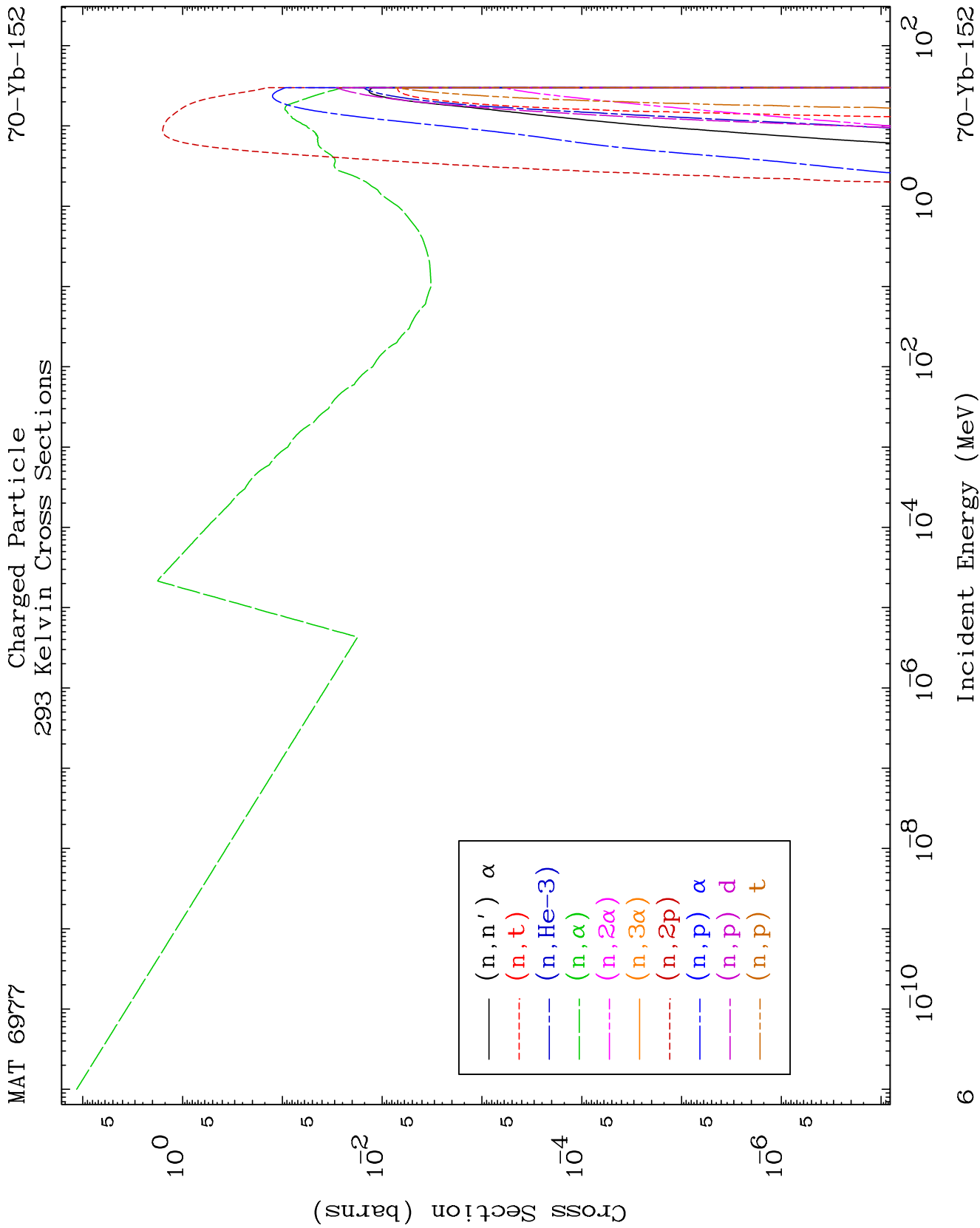


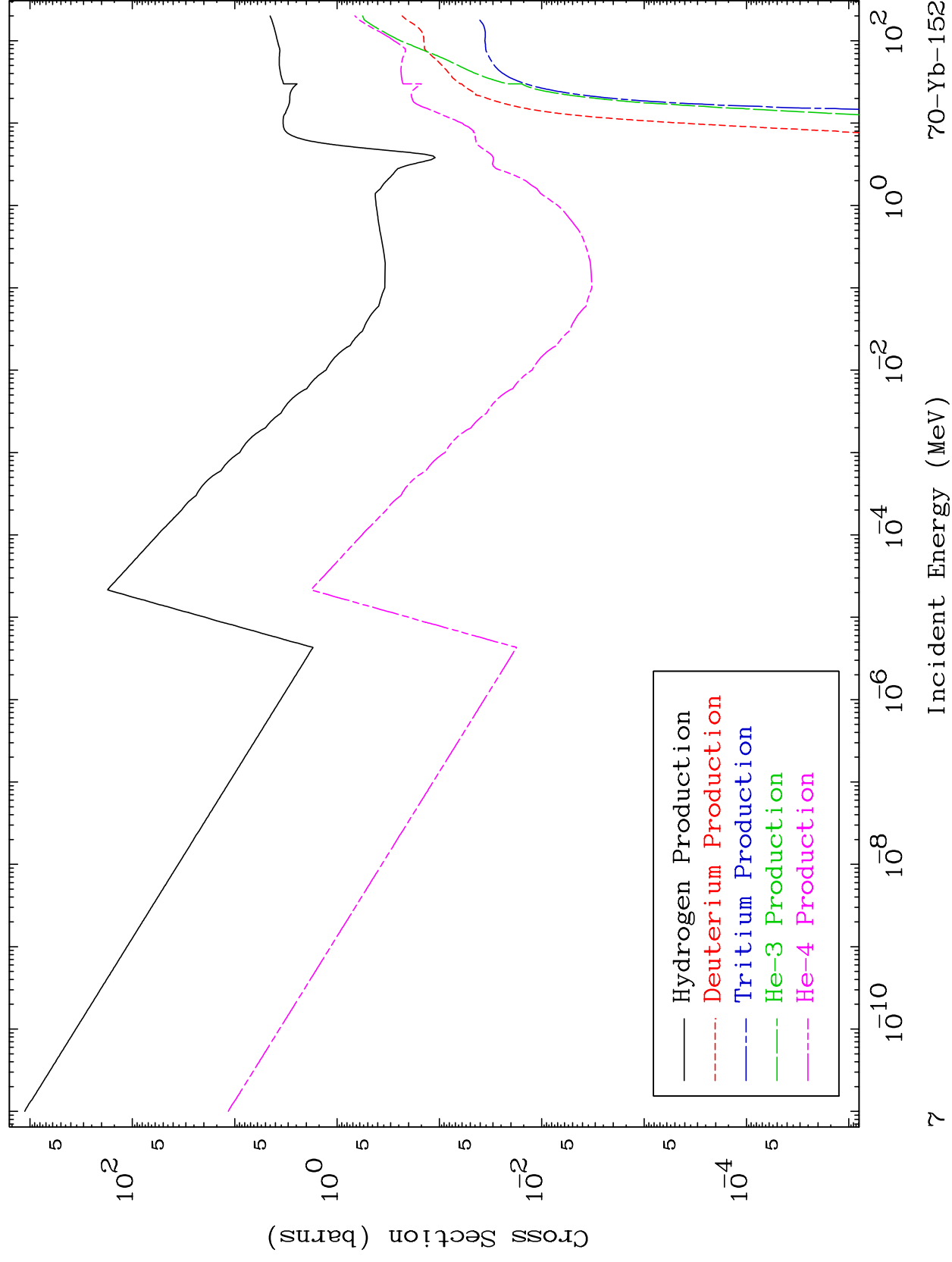


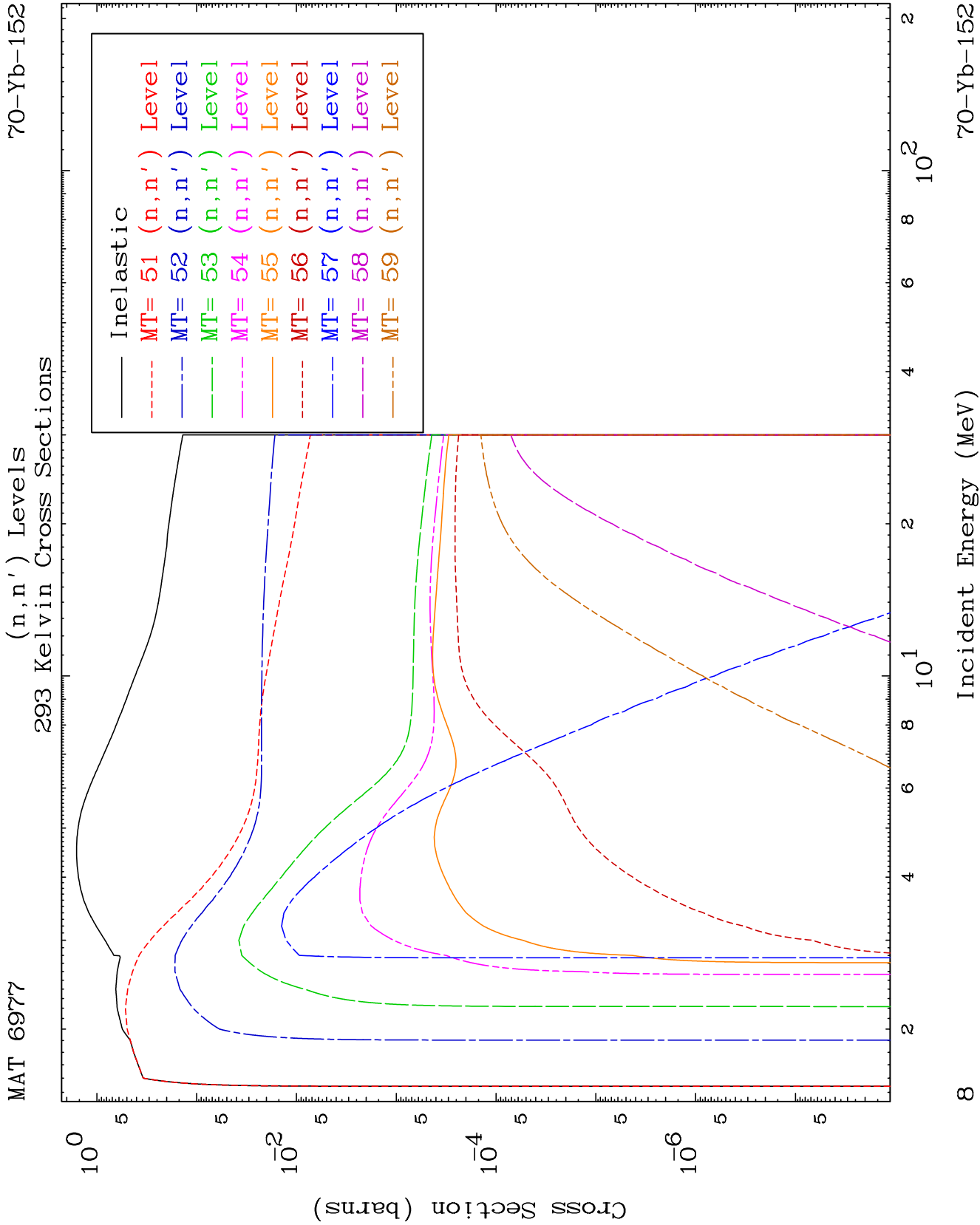


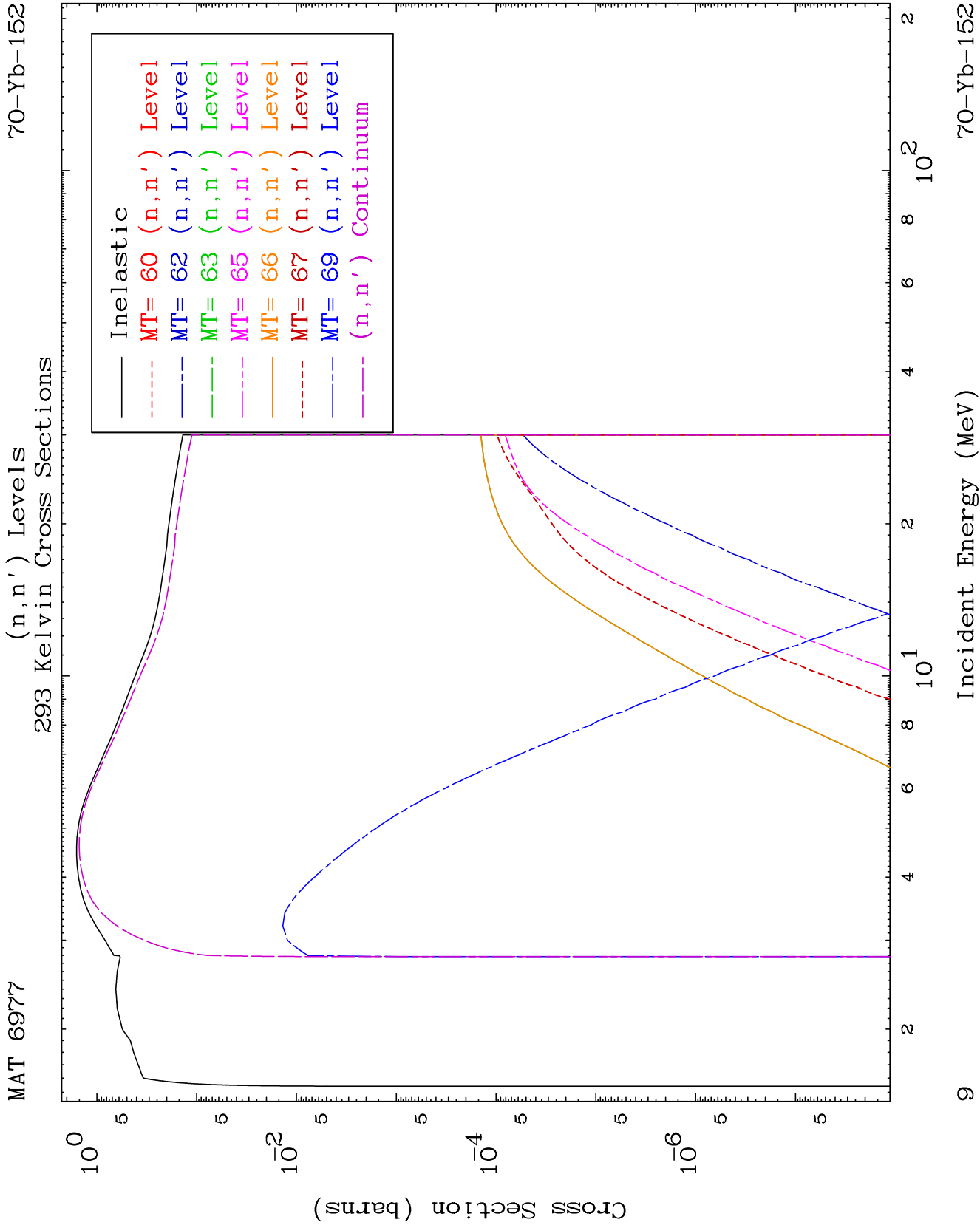


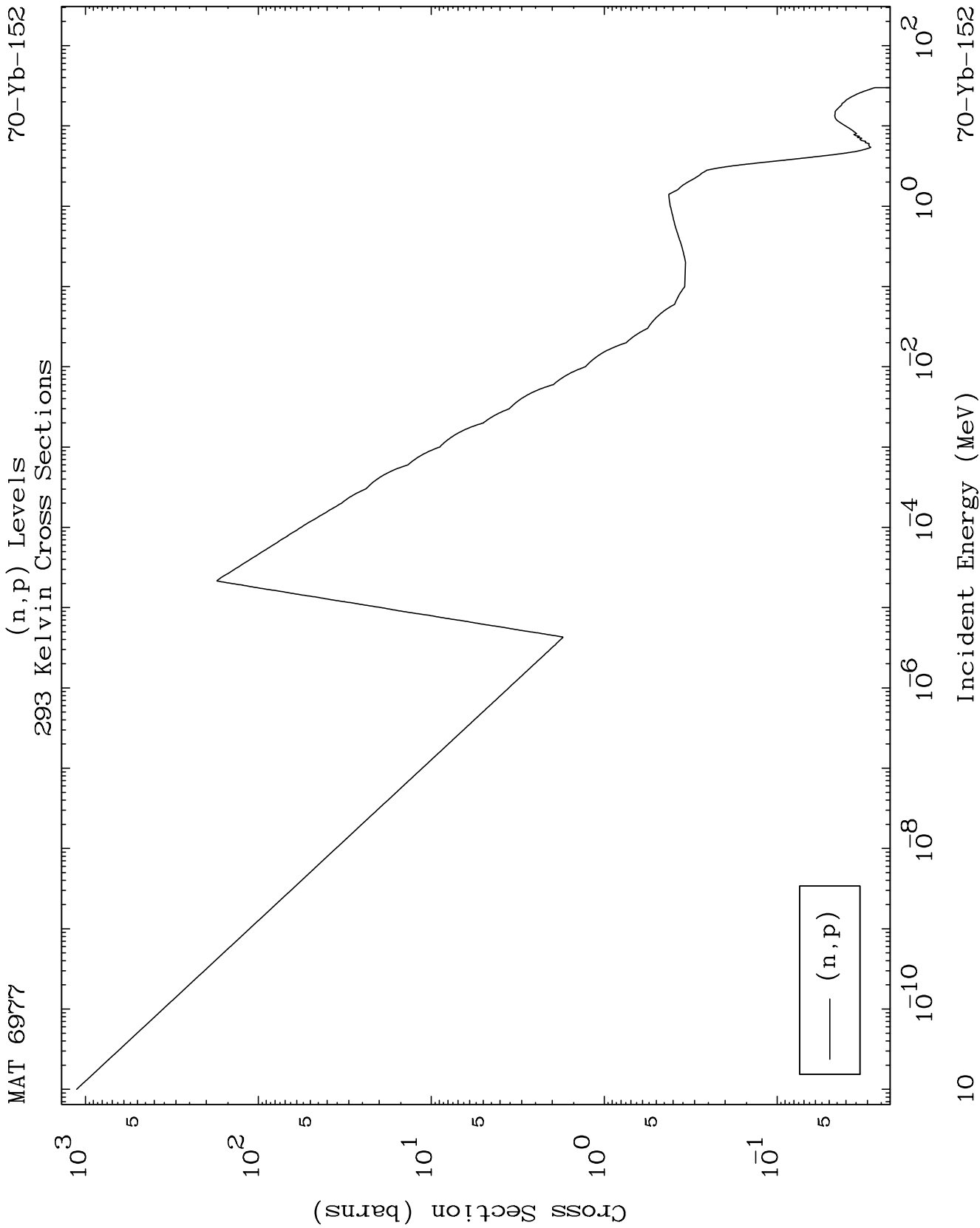


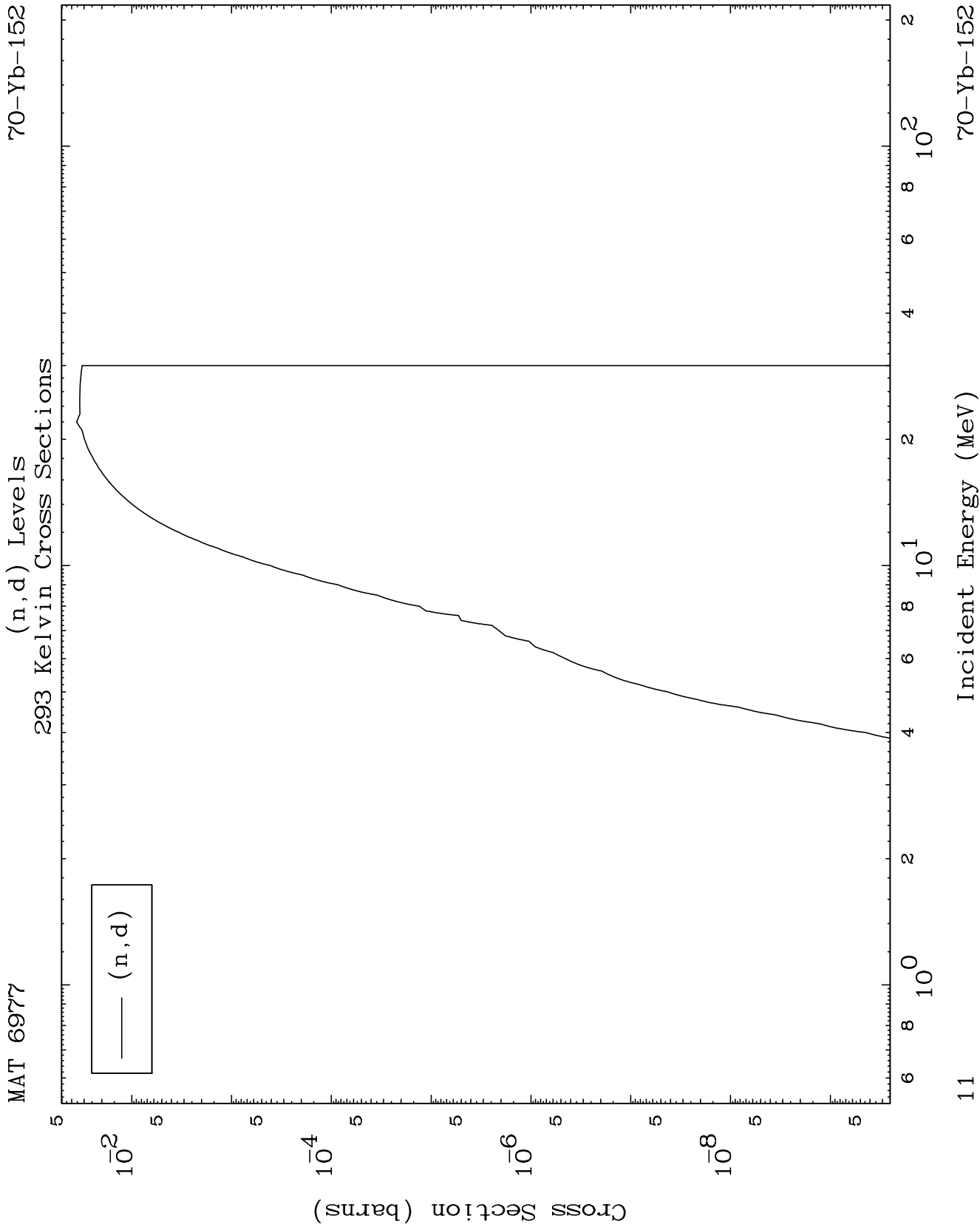








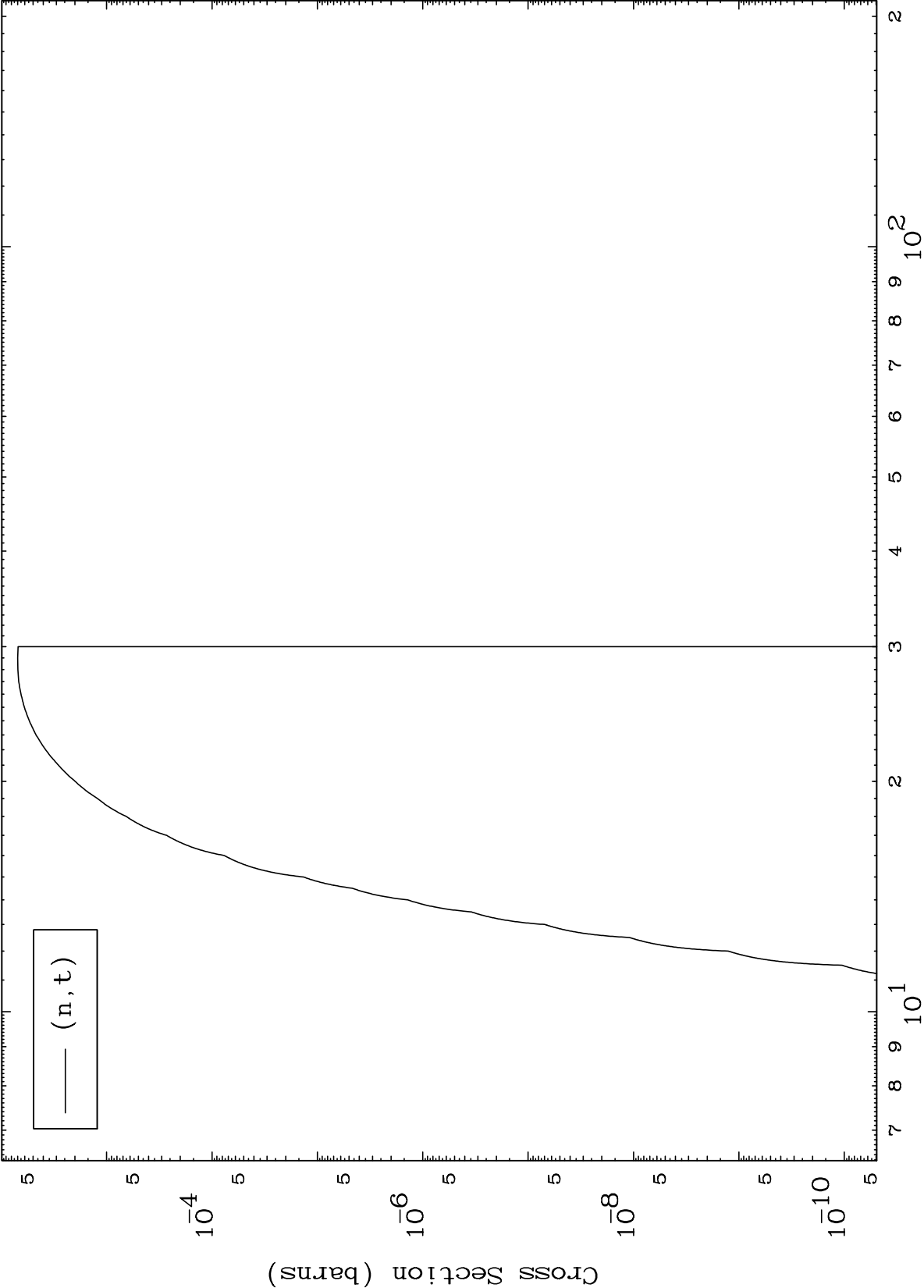




MAT 6977

(n,t) Levels
293 Kelvin Cross Sections

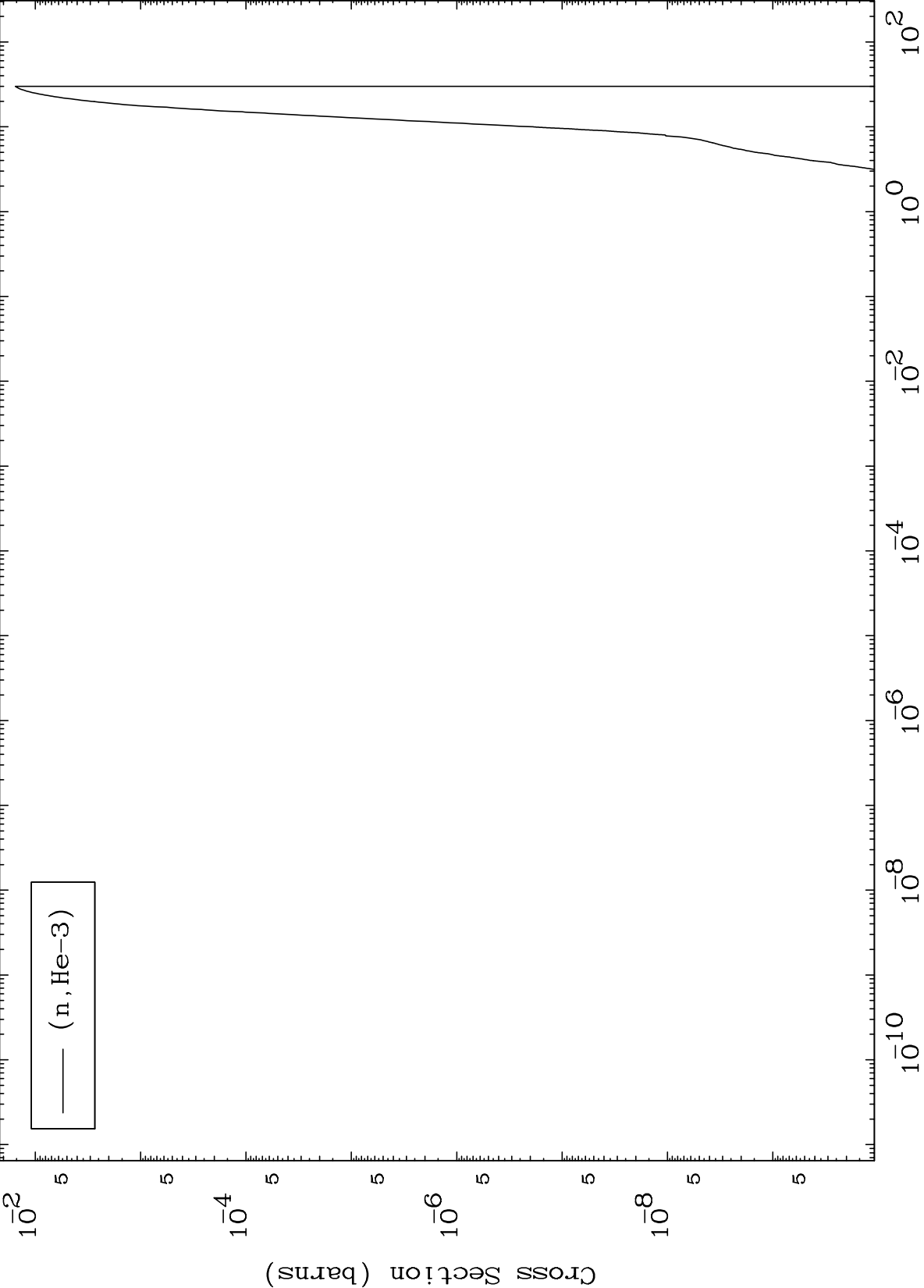
70-Yb-152



12

Incident Energy (MeV)

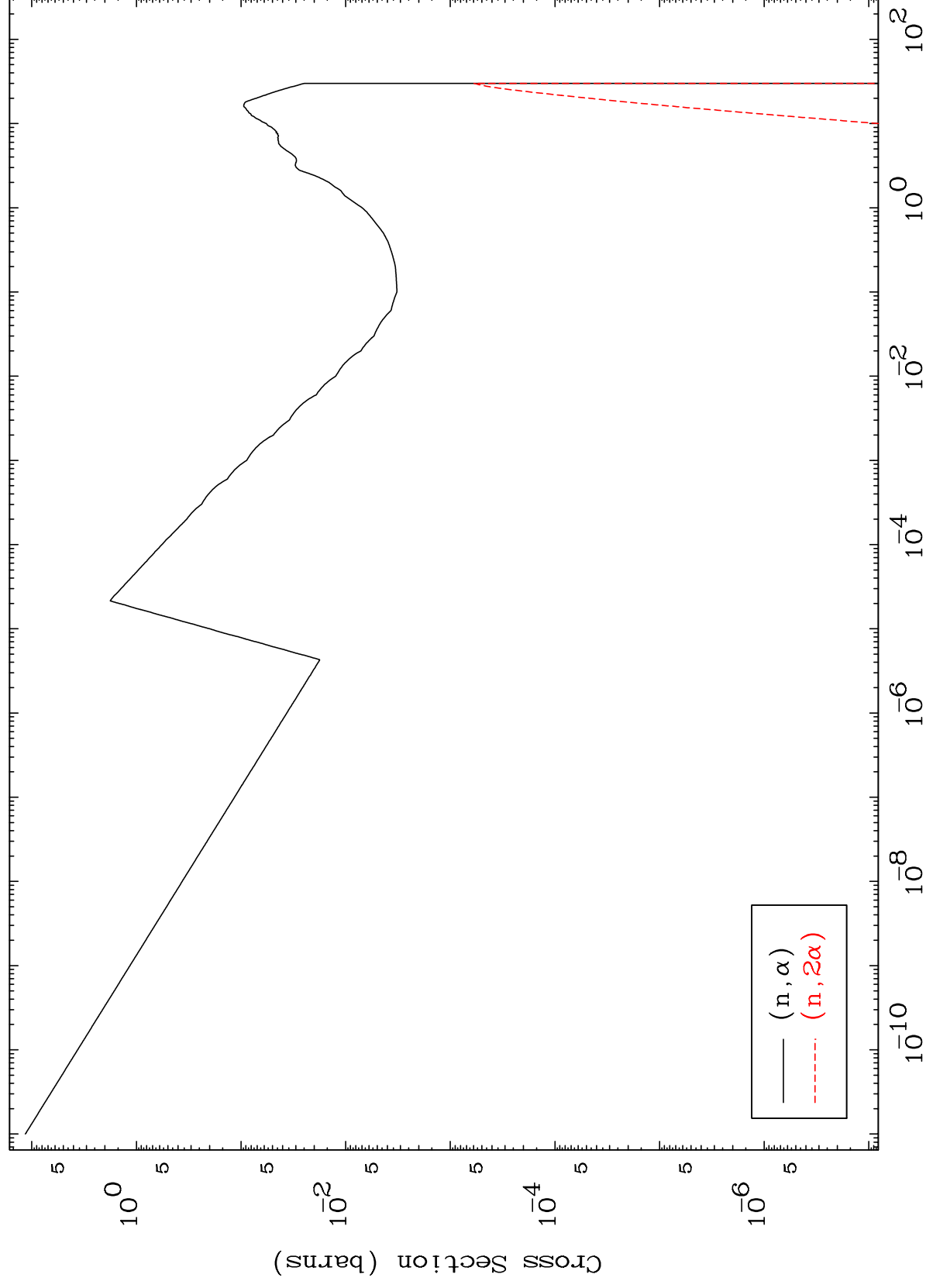
70-Yb-152



MAT 6977

(n, α) Levels
293 Kelvin Cross Sections

70-Yb-152



14

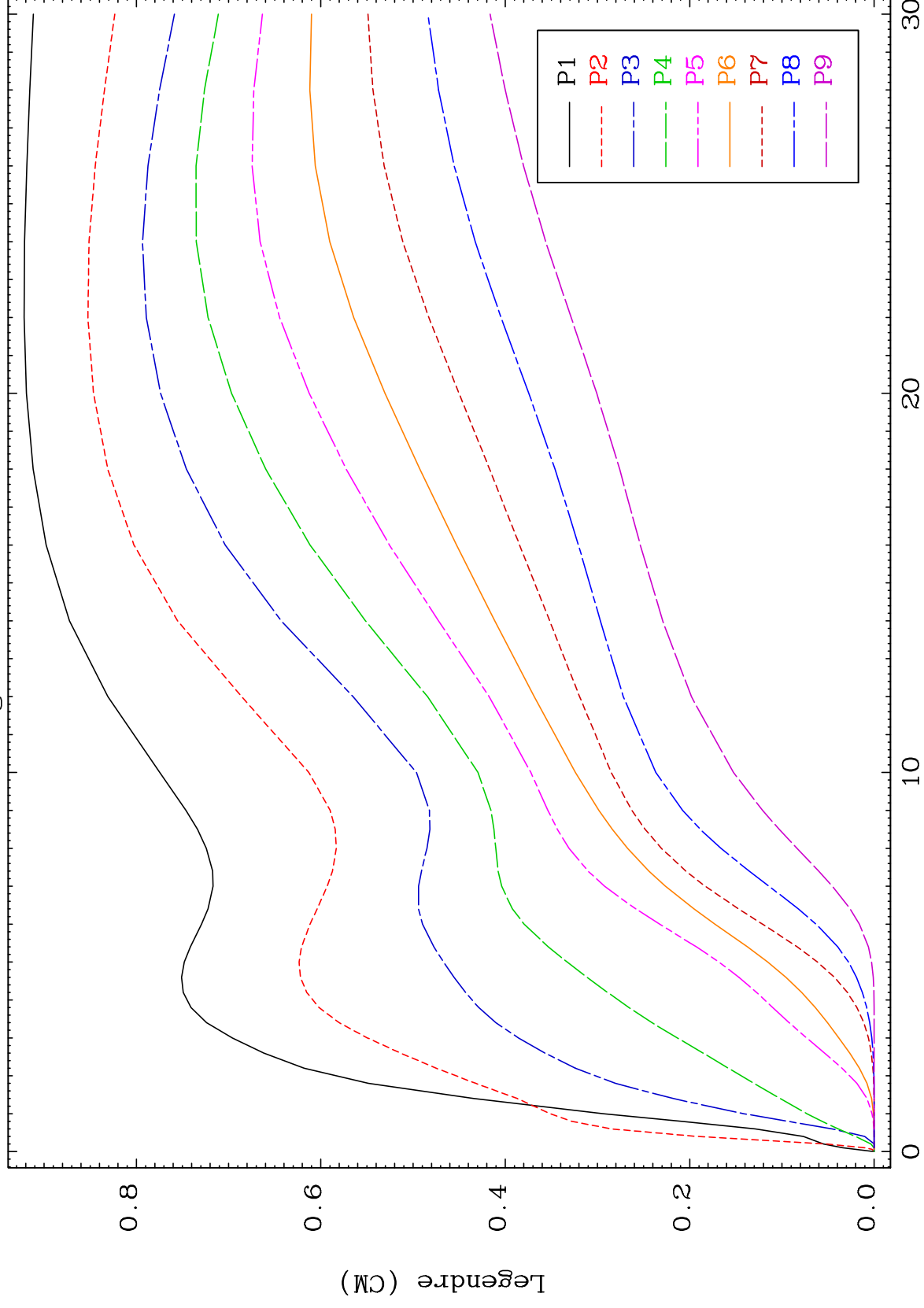
Incident Energy (MeV)

70-Yb-152

MAT 6977

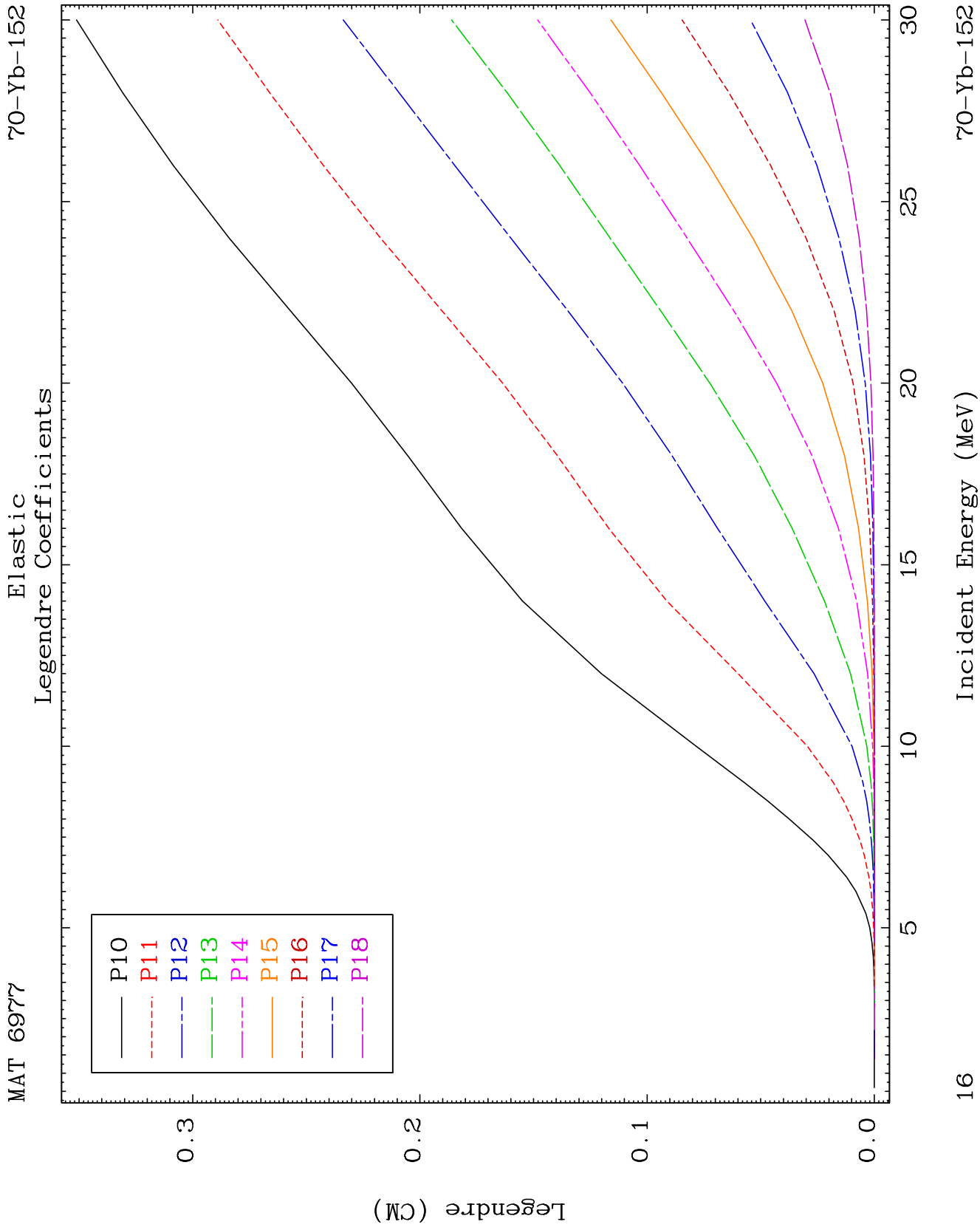
70-Yb-152

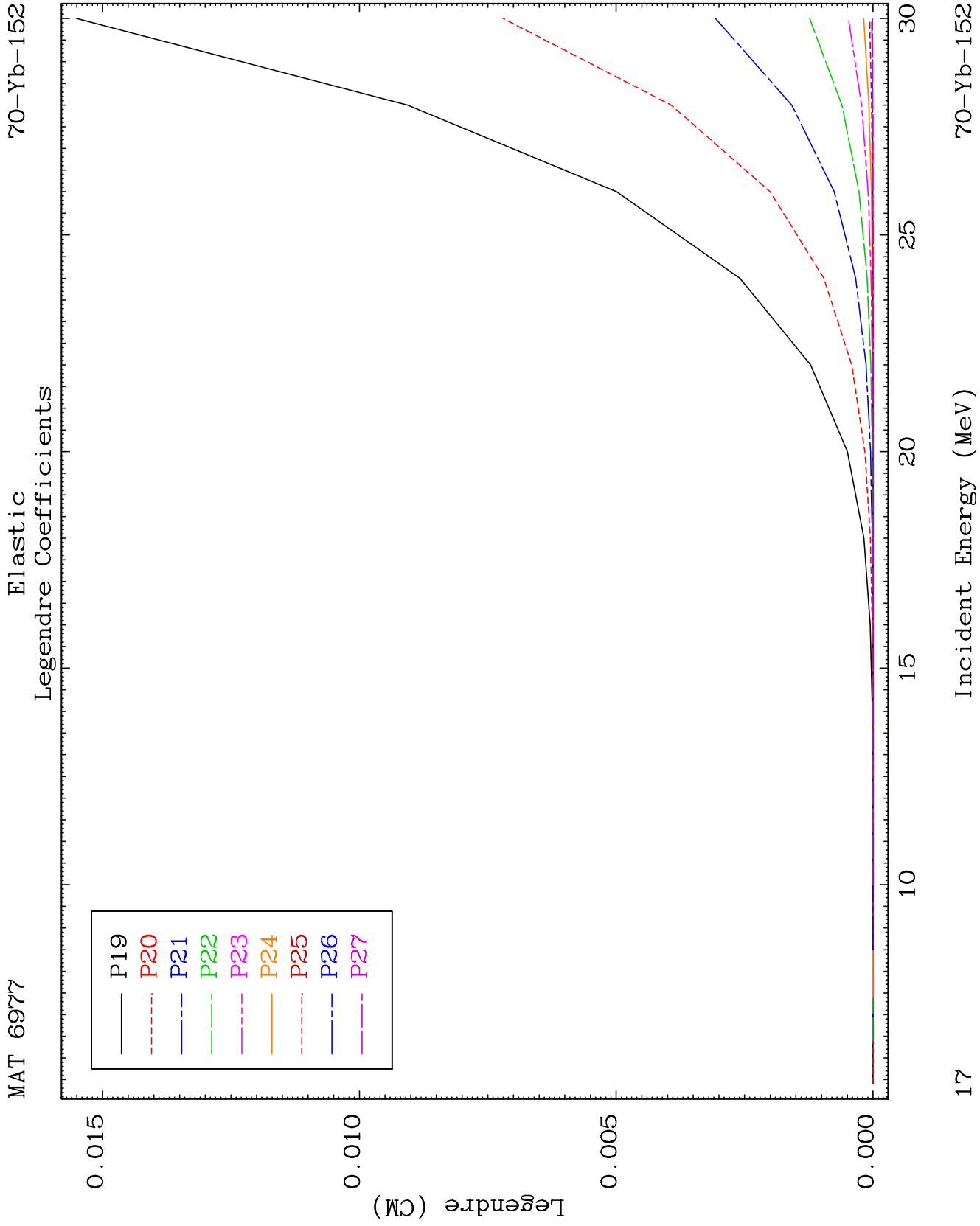
Elastic Legendre Coefficients

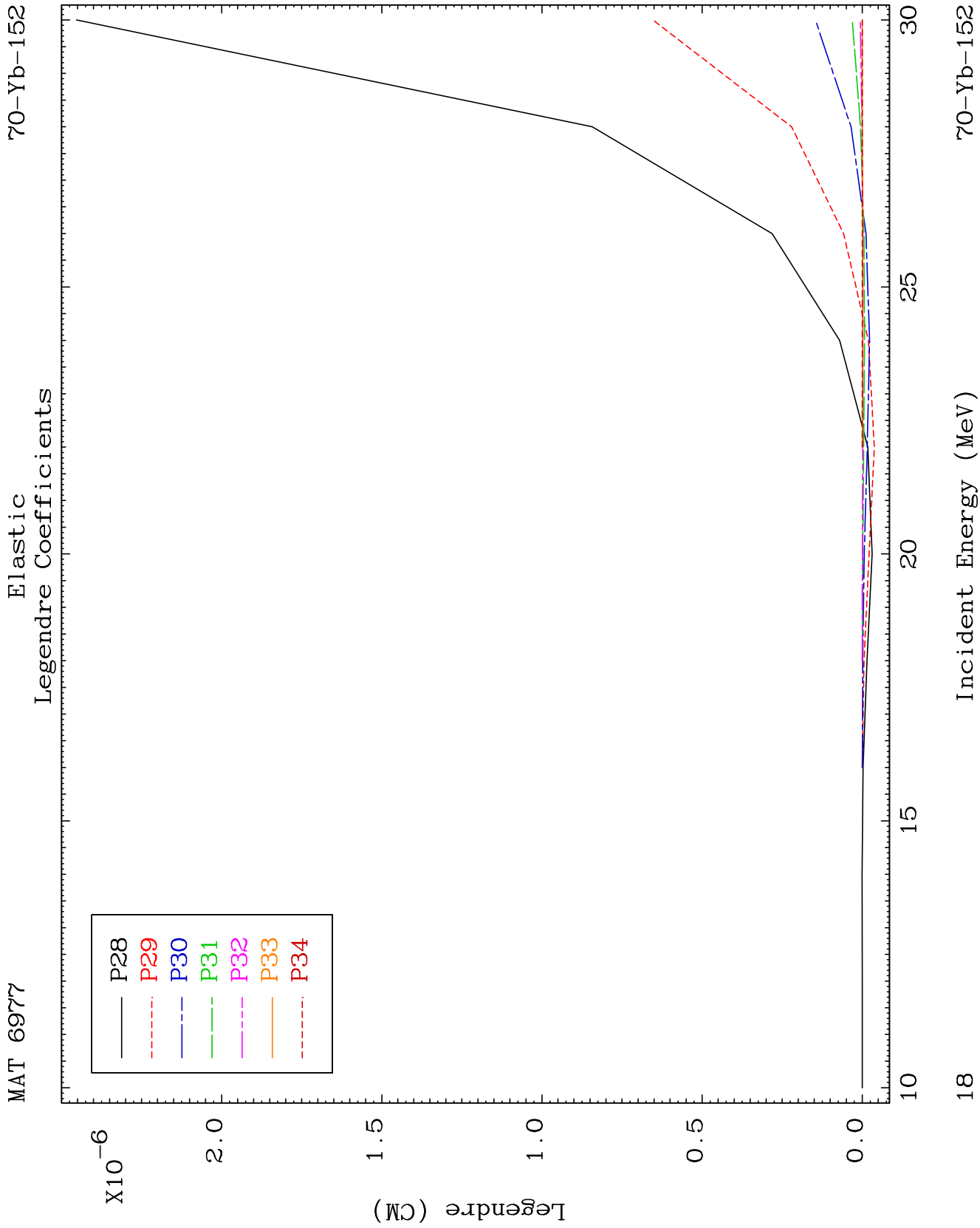


70-Yb-152

Incident Energy (MeV)



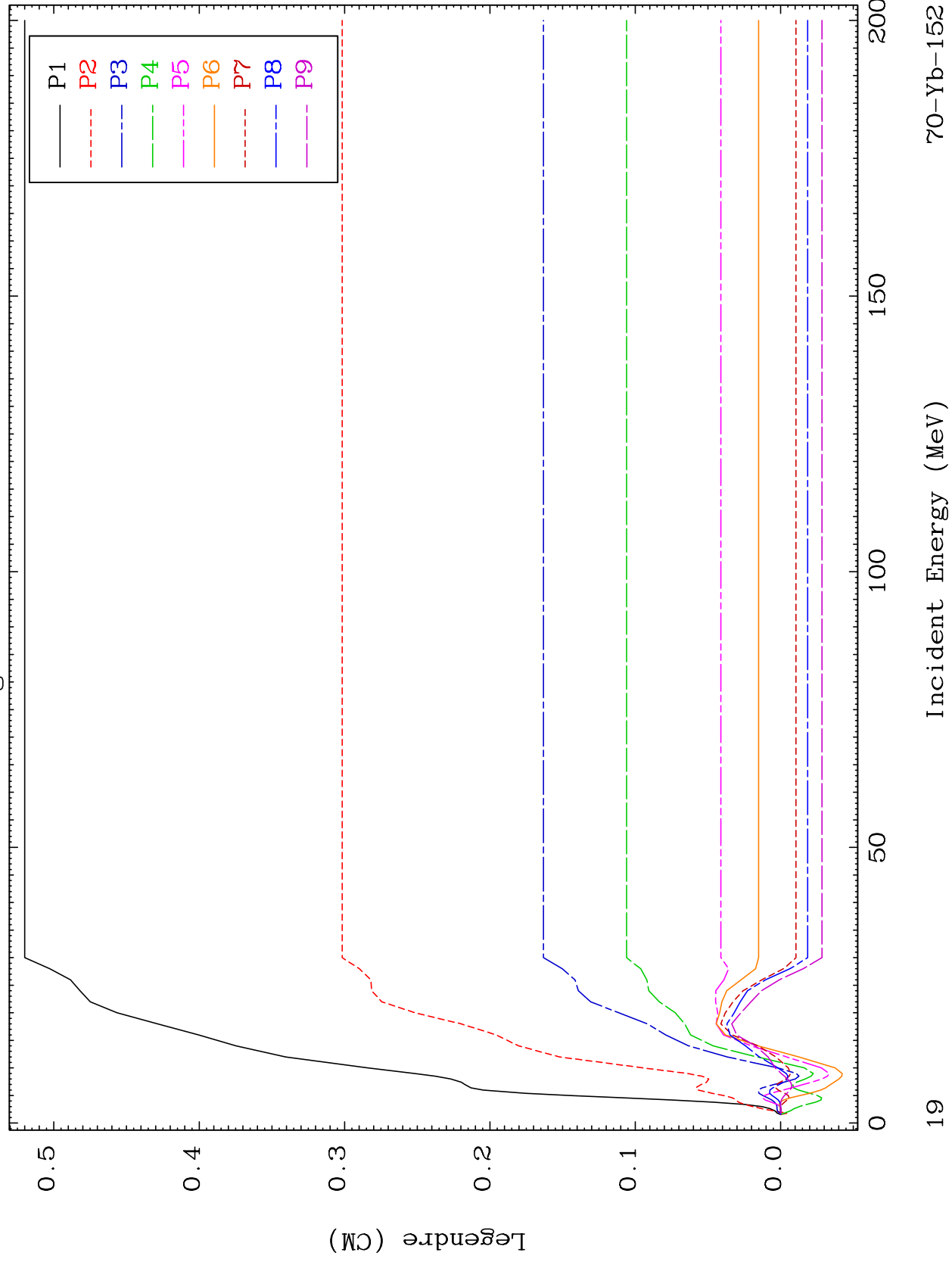


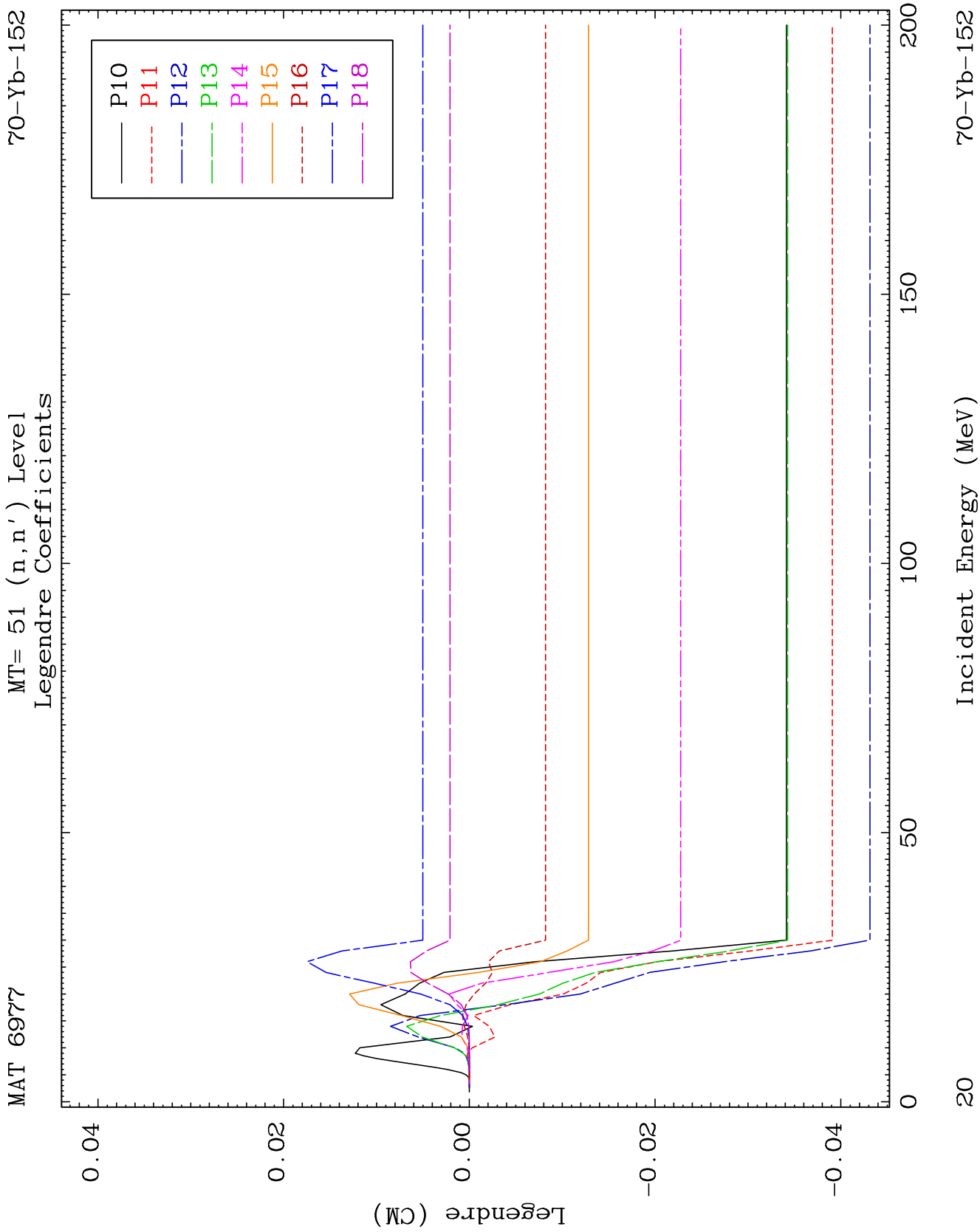


MAT 6977

MT= 51 (n, n') Level
Legendre Coefficients

70-Yb-152

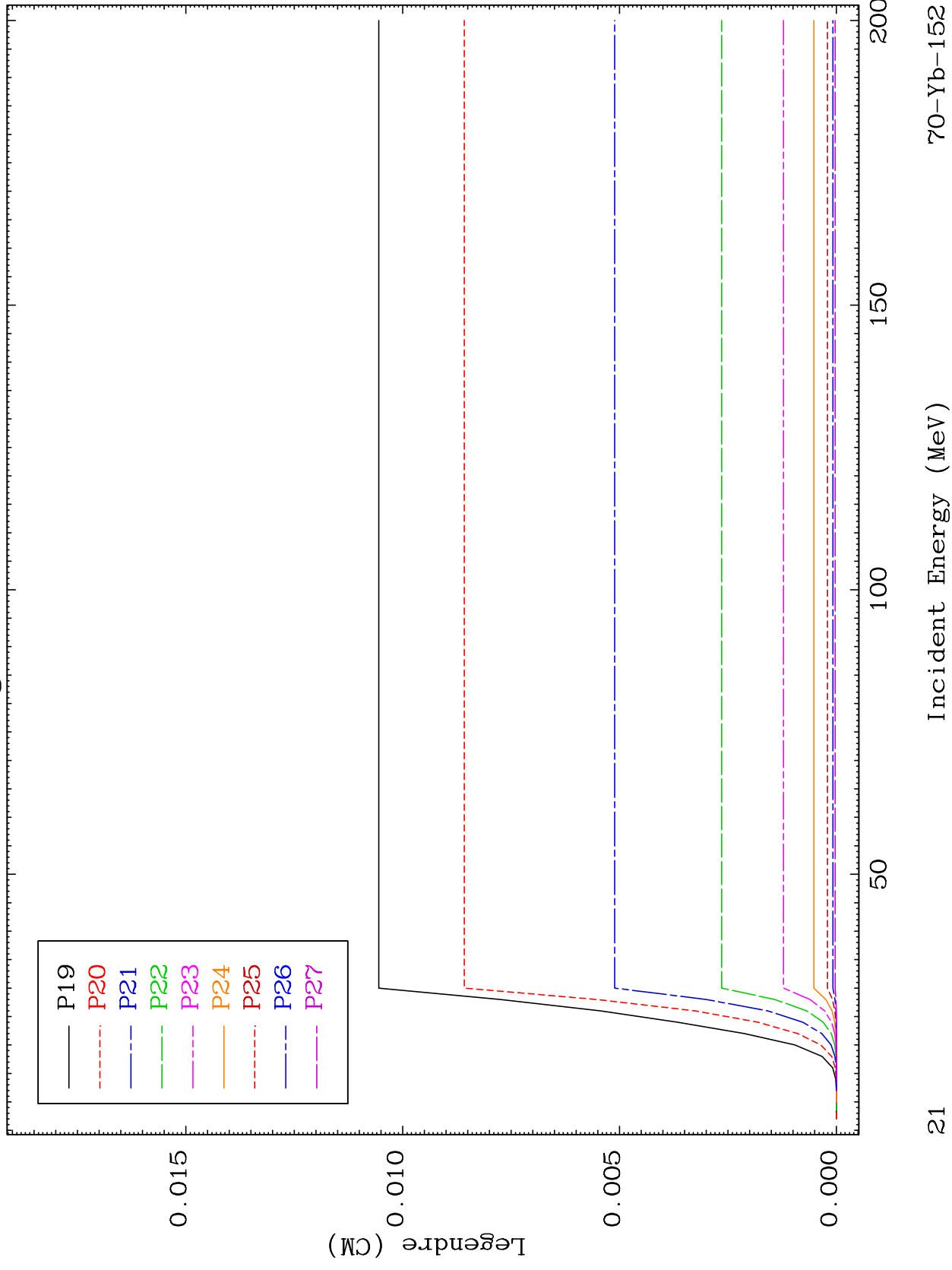


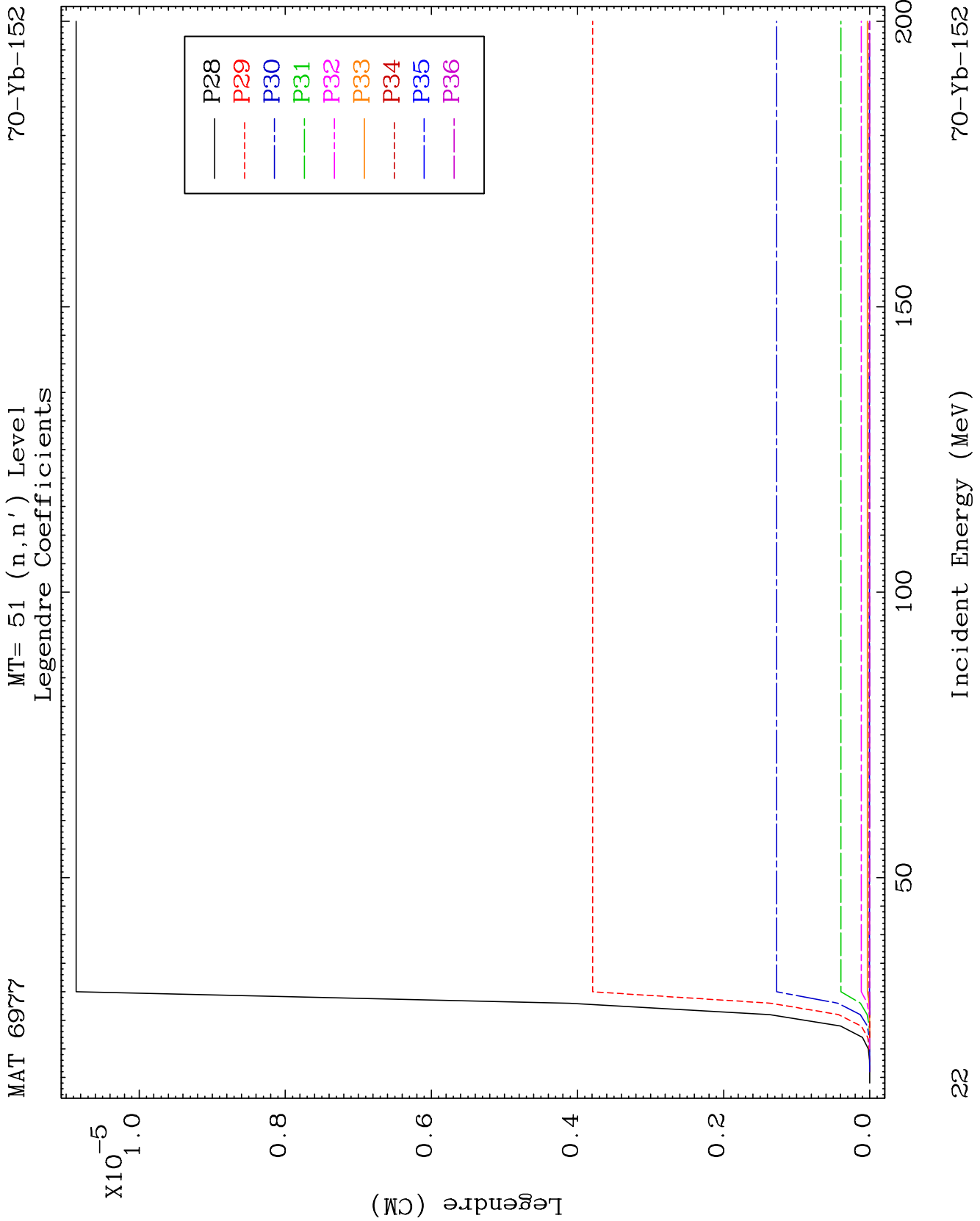


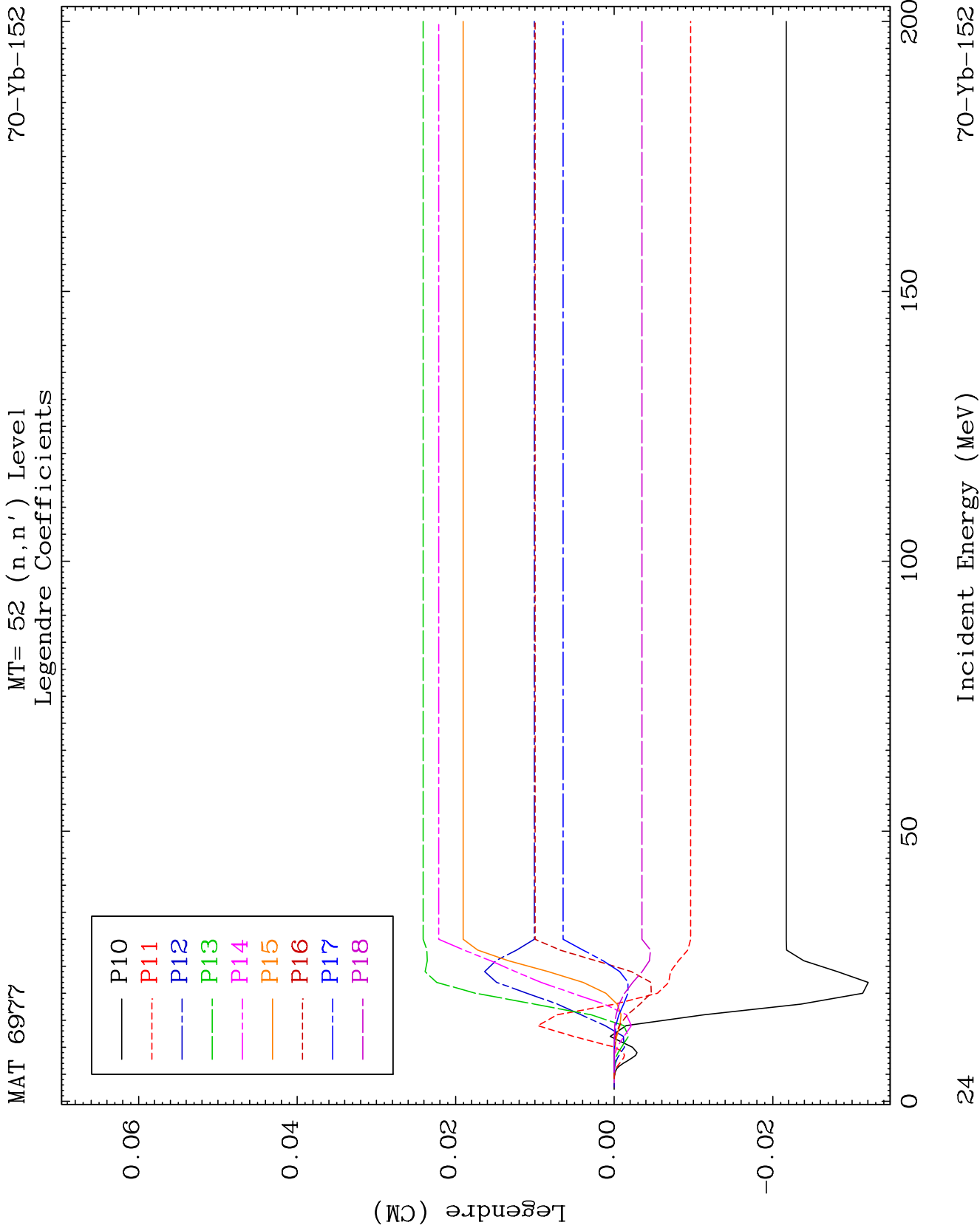
MAT 6977

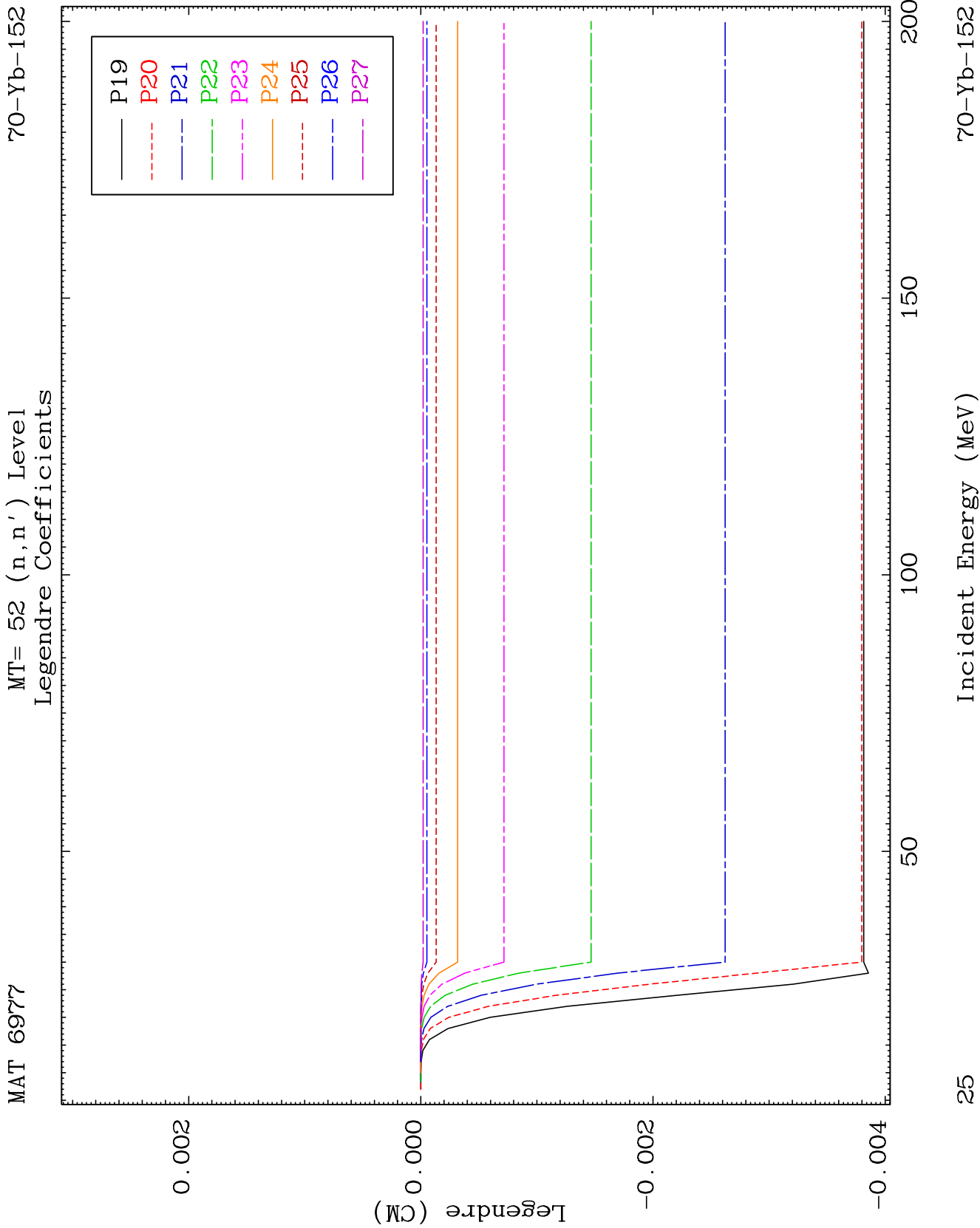
MT= 51 (n, n') Level
Legendre Coefficients

70-Yb-152







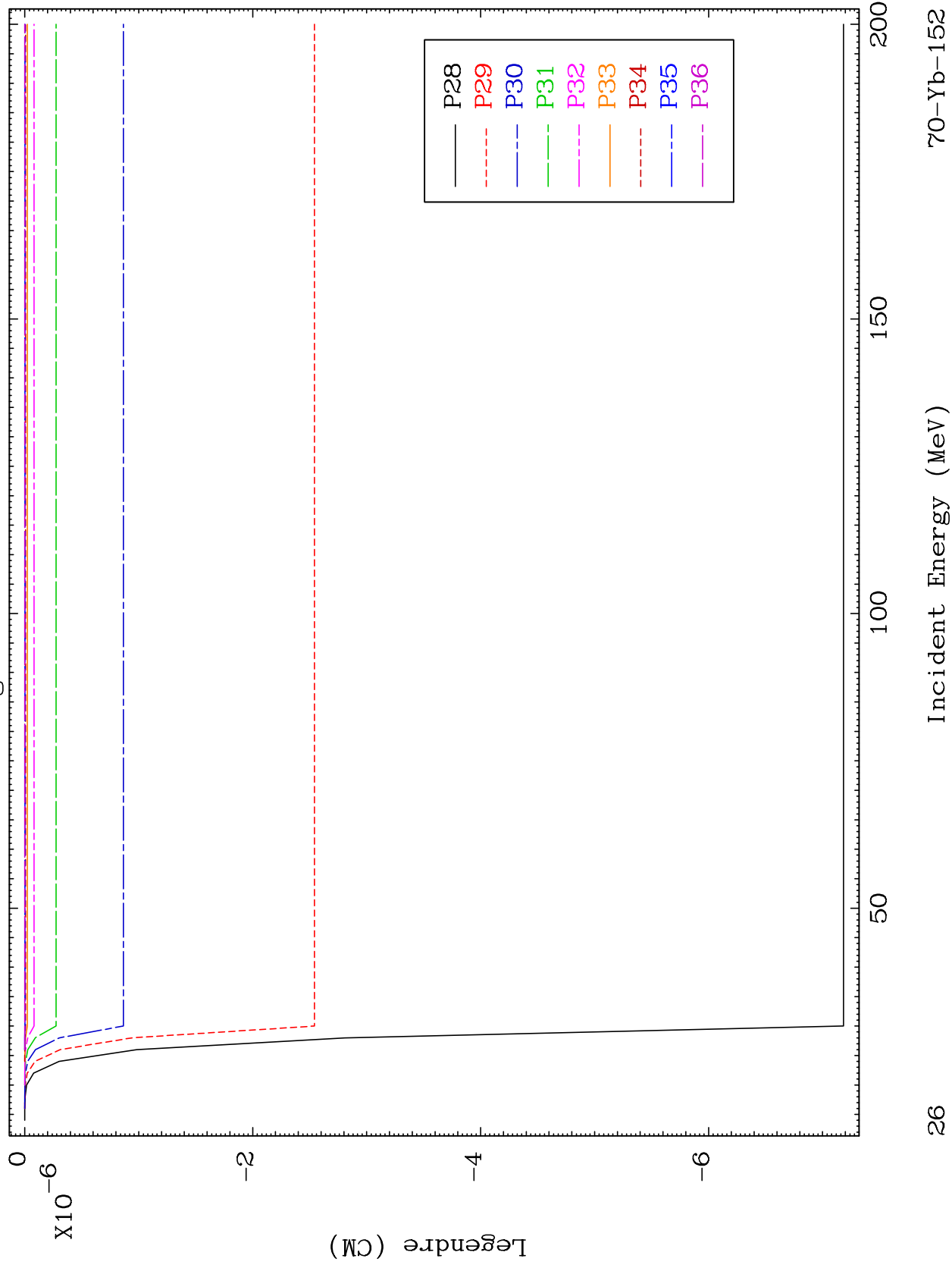


MAT 6977

MT= 52 (n, n') Level

70-Yb-152

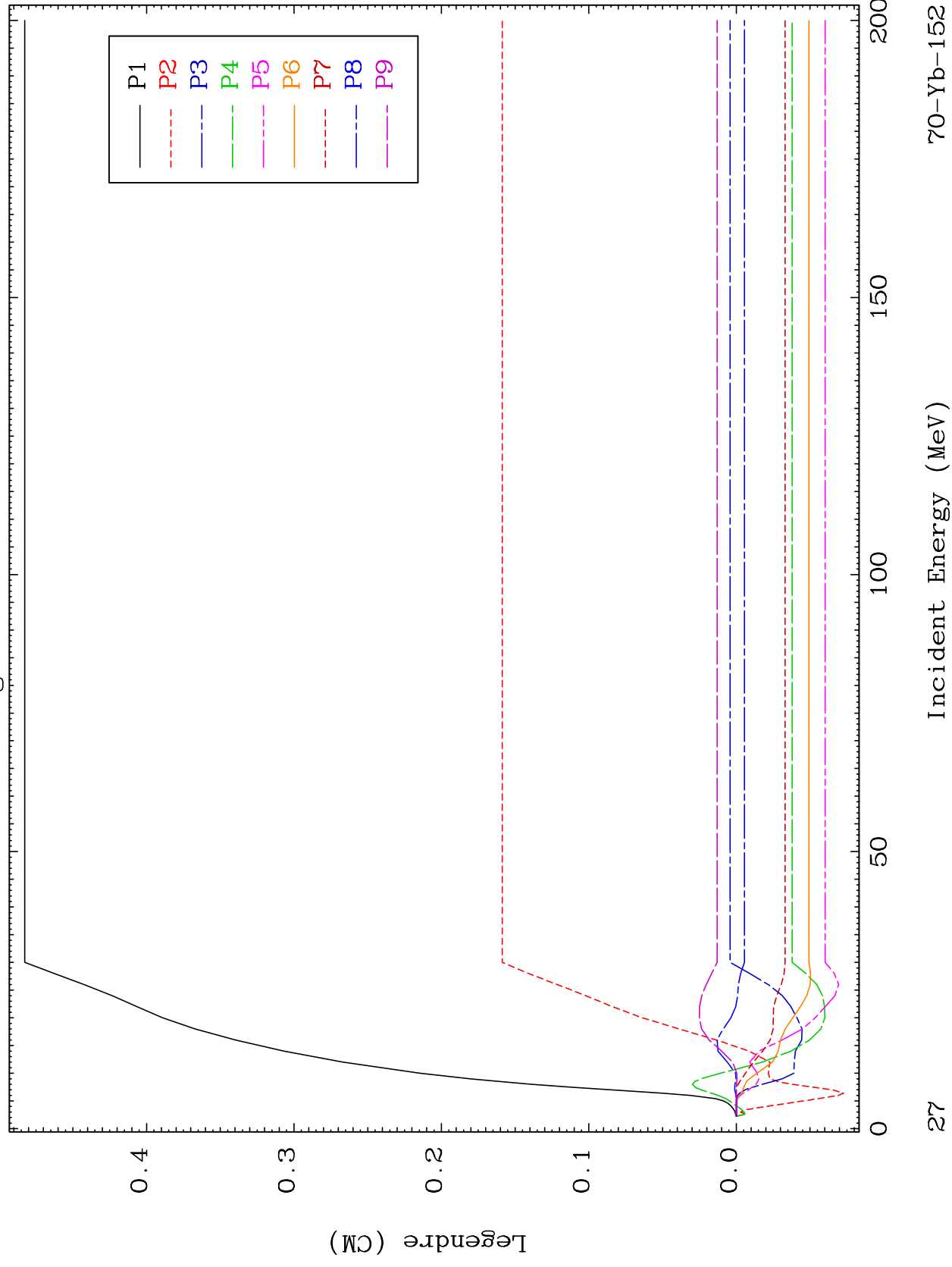
Legendre Coefficients

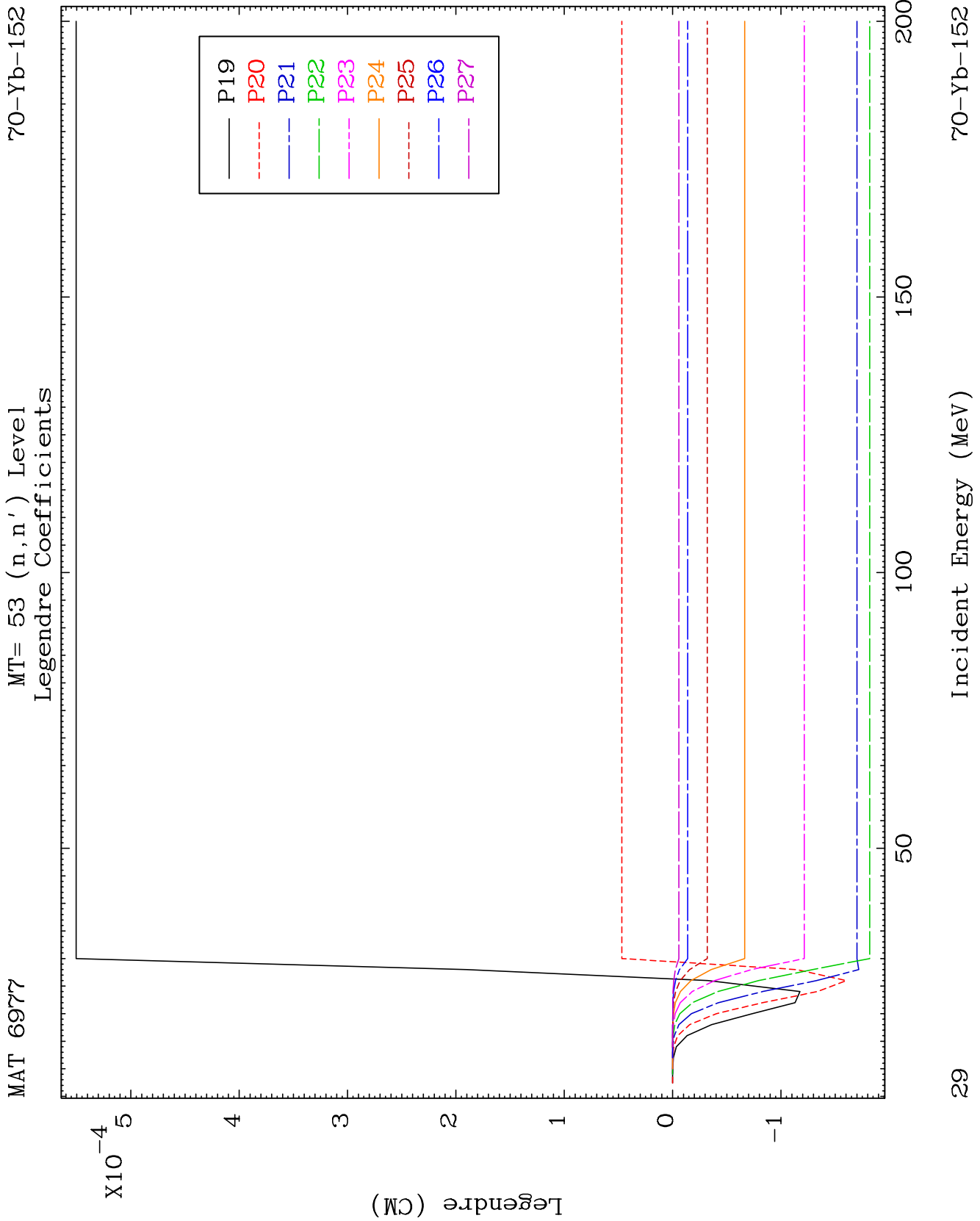


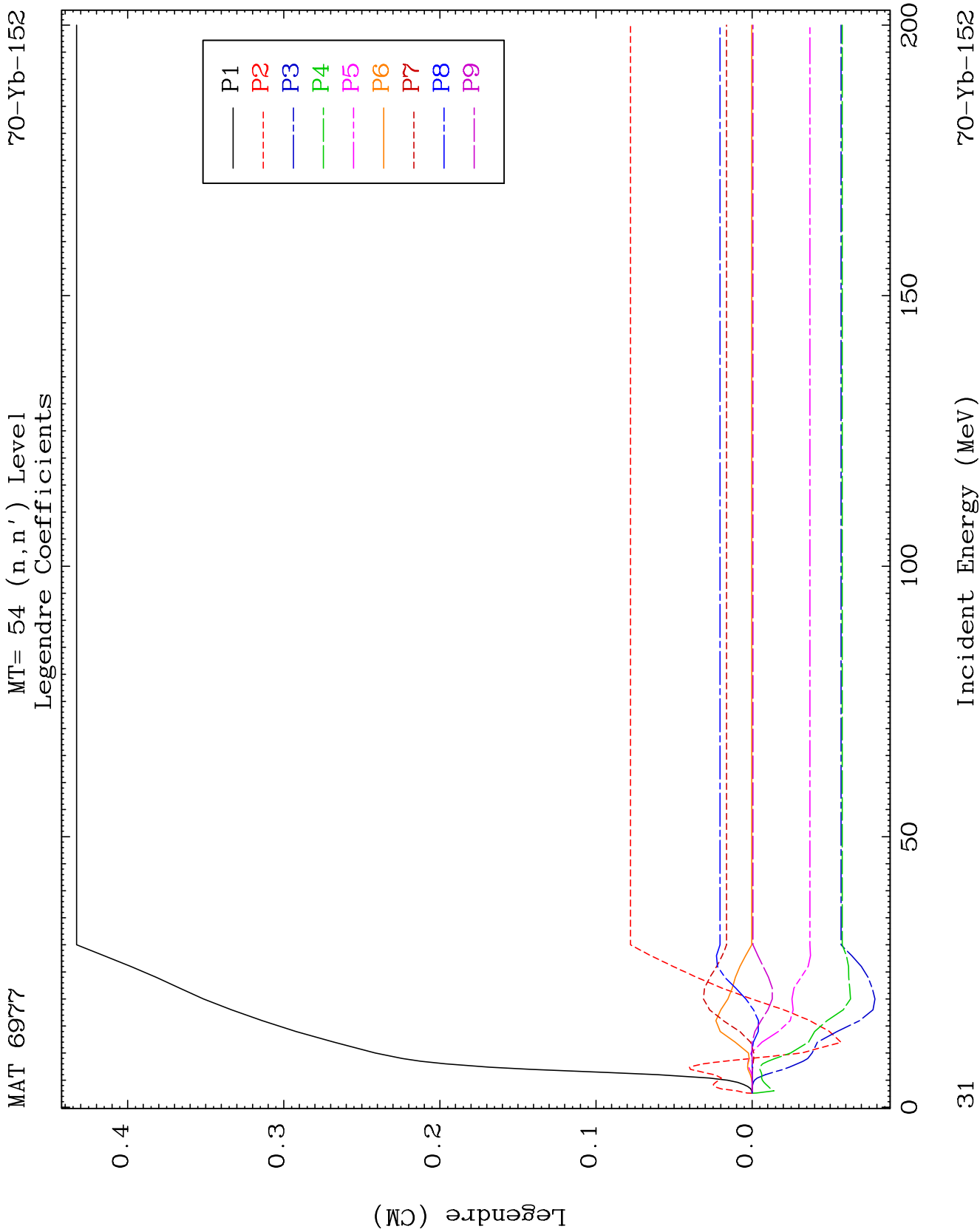
MAT 6977

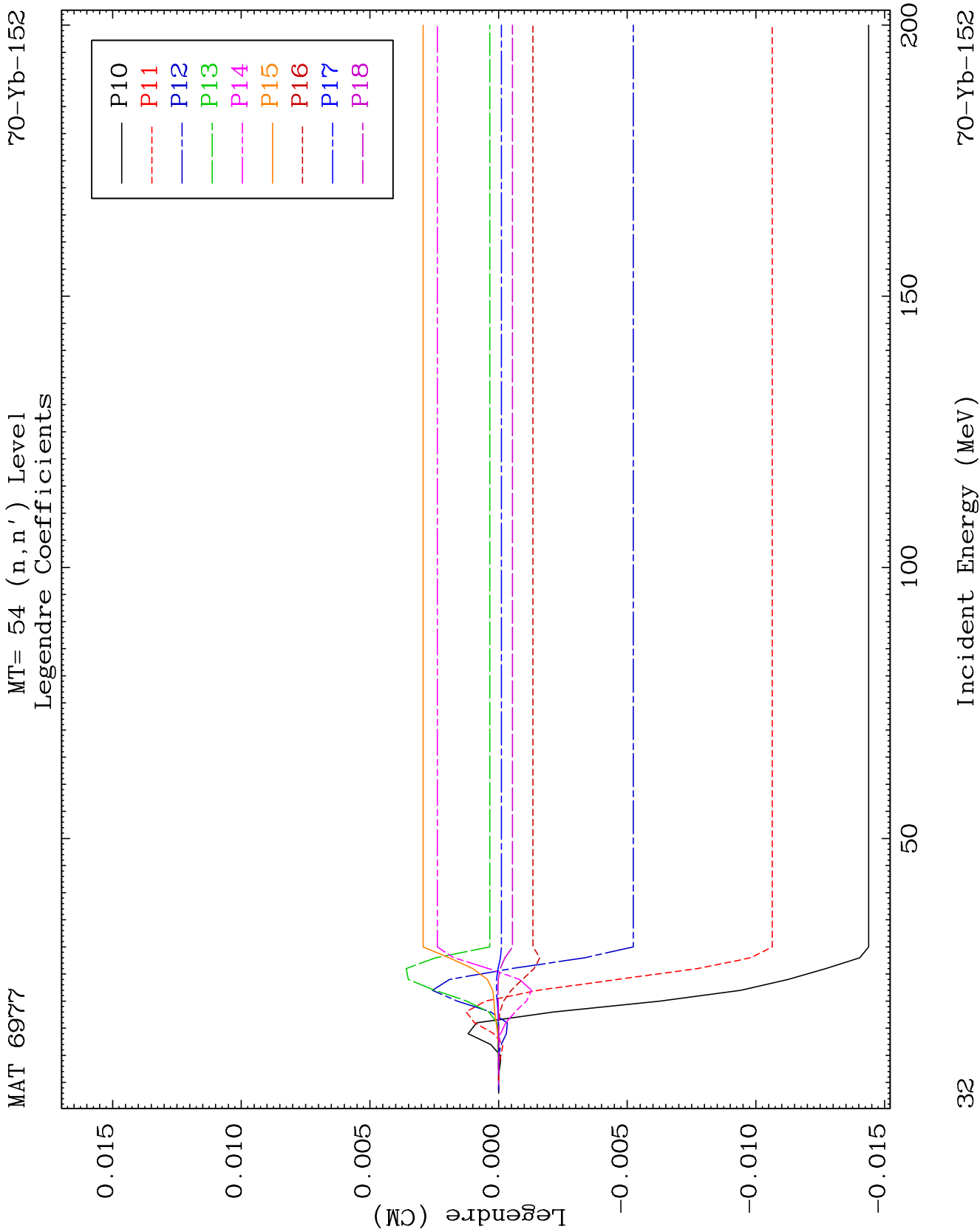
MT= 53 (n, n') Level
Legendre Coefficients

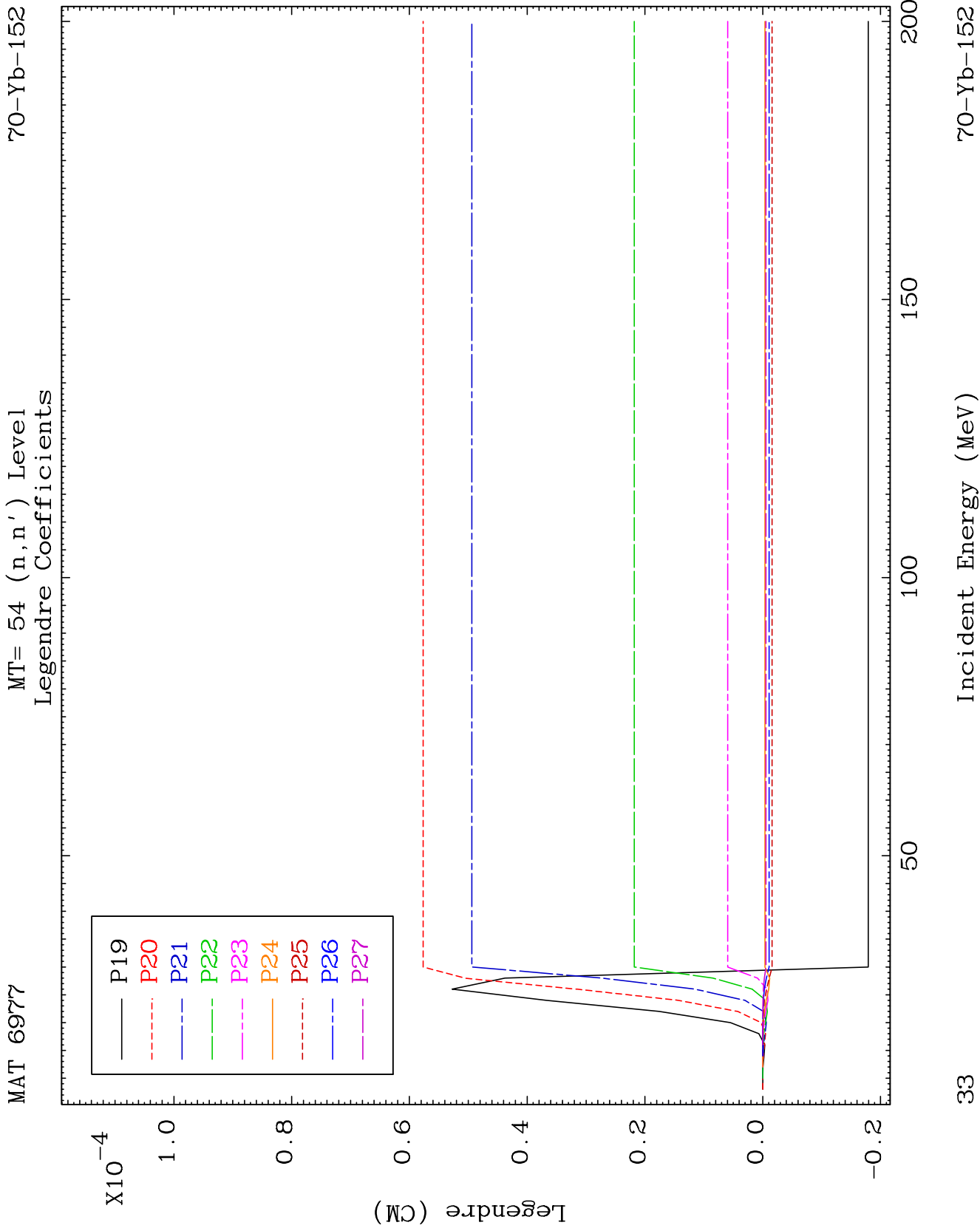
70-Yb-152

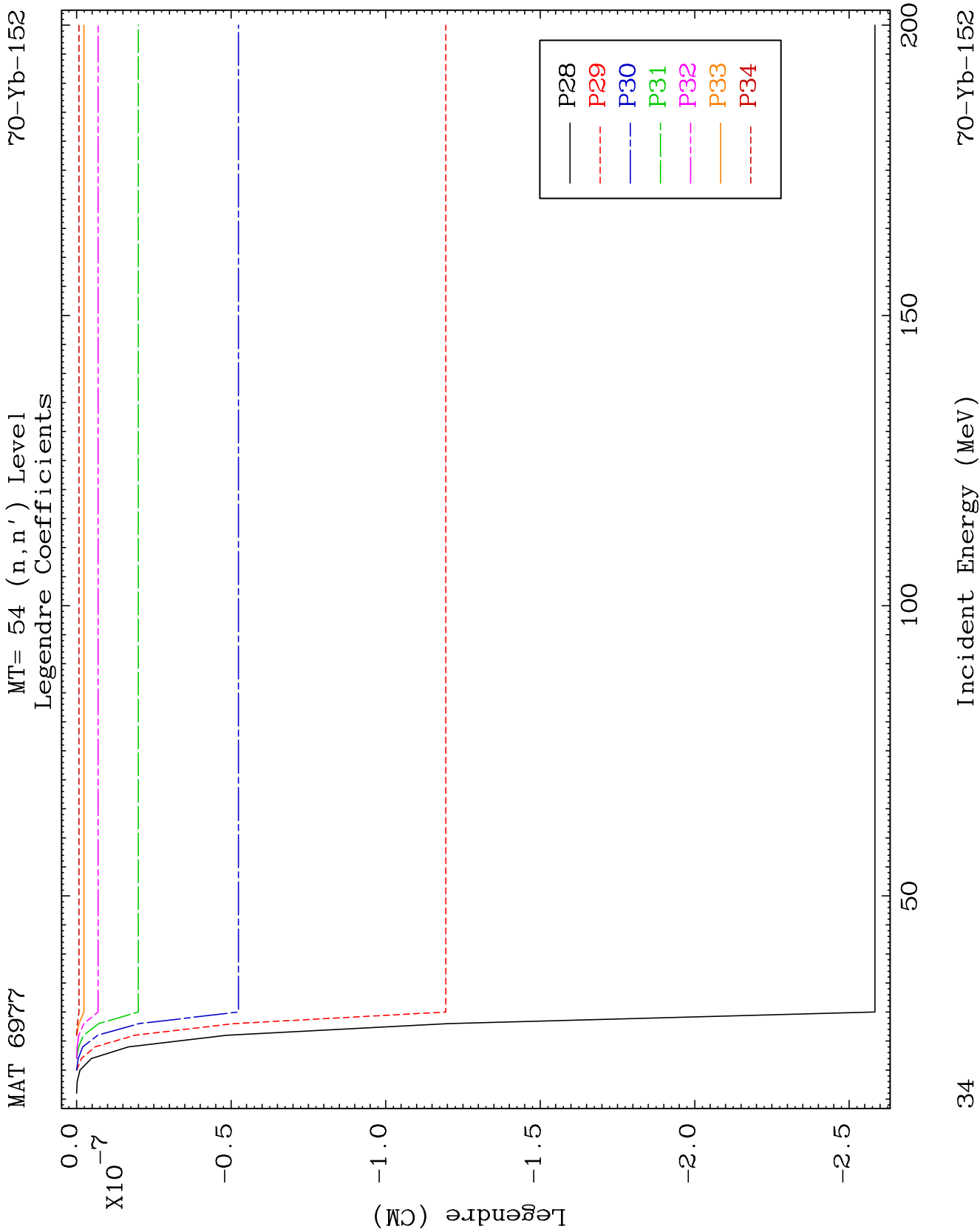


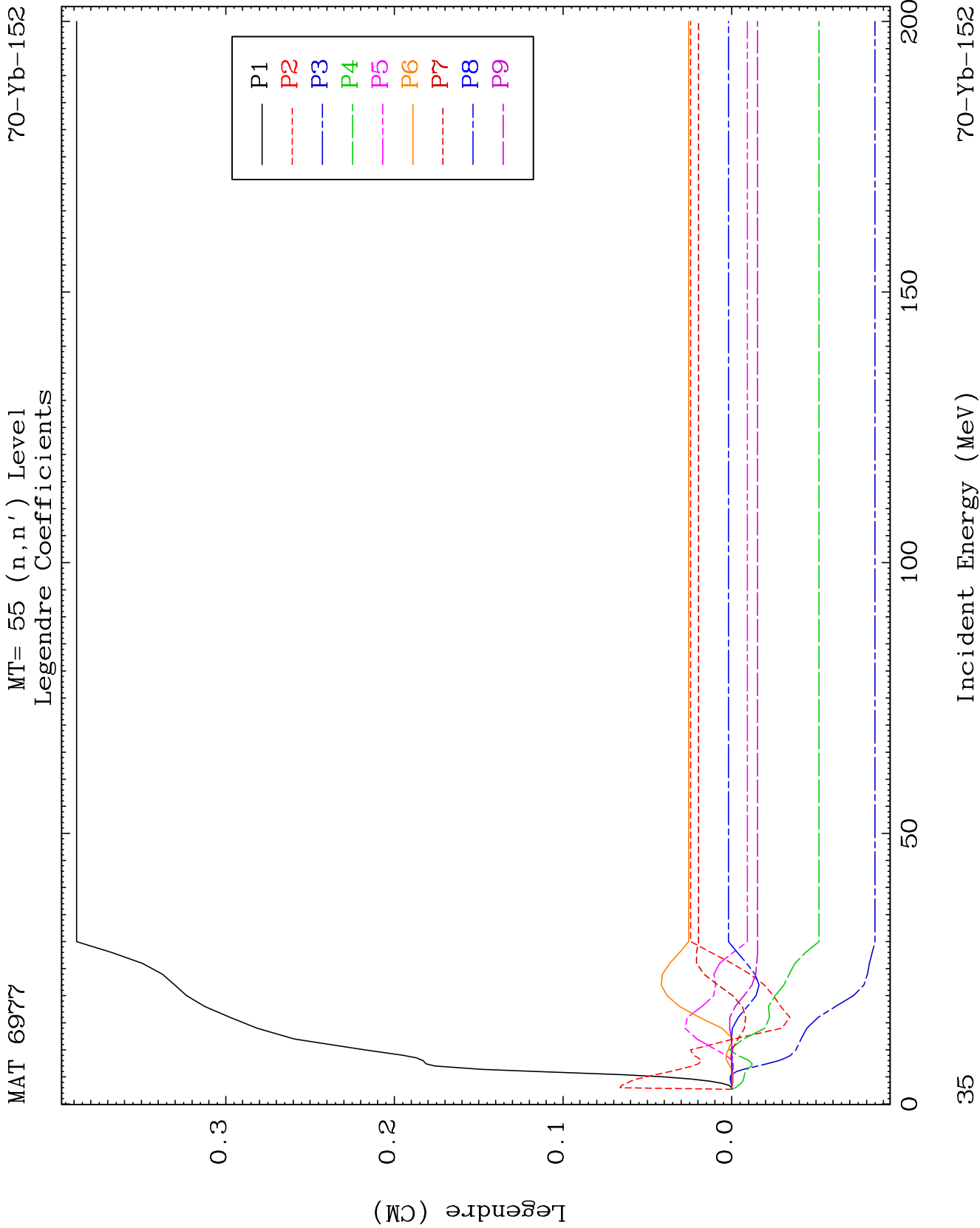








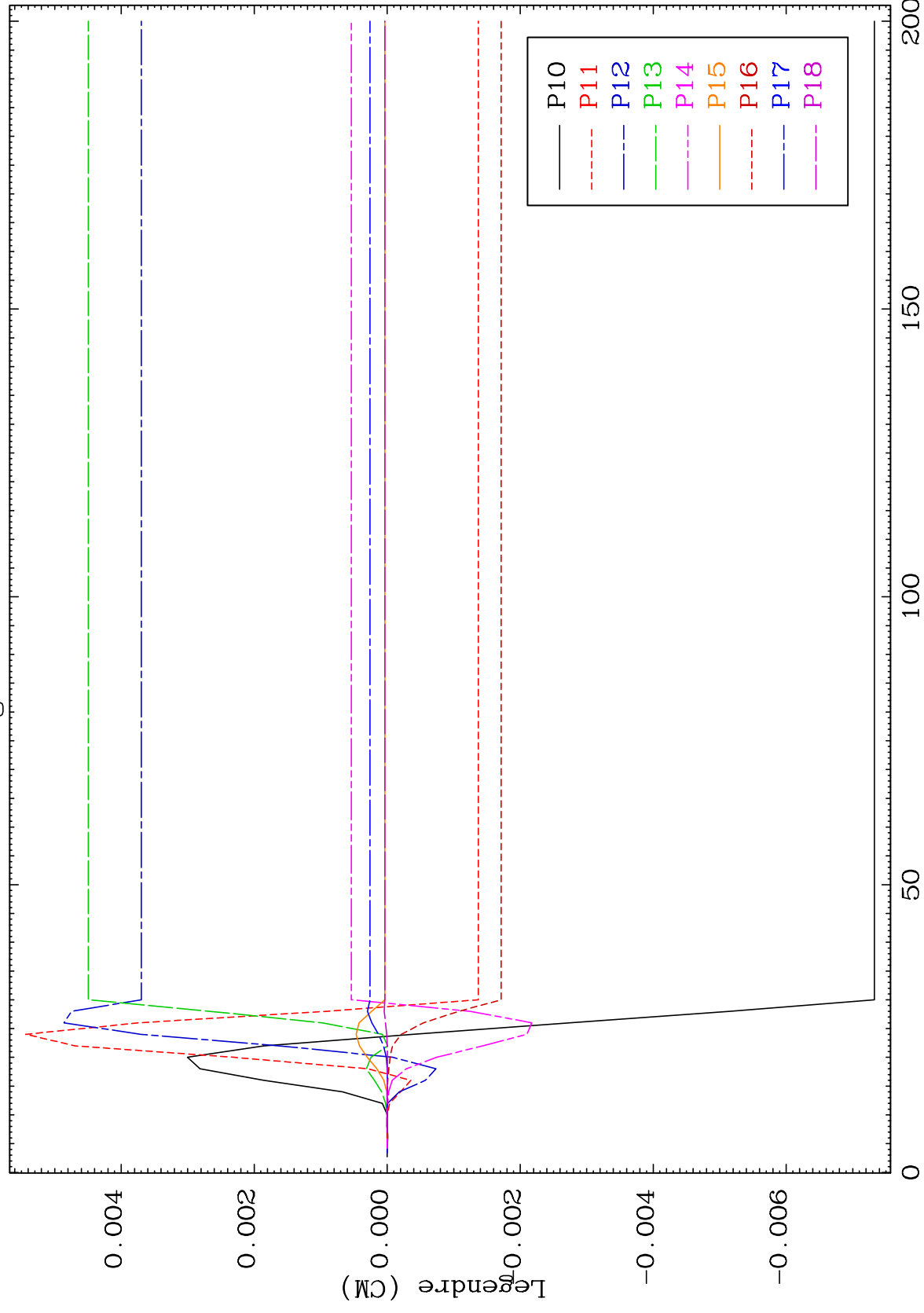




MAT 6977

MT= 55 (n, n') Level
Legendre Coefficients

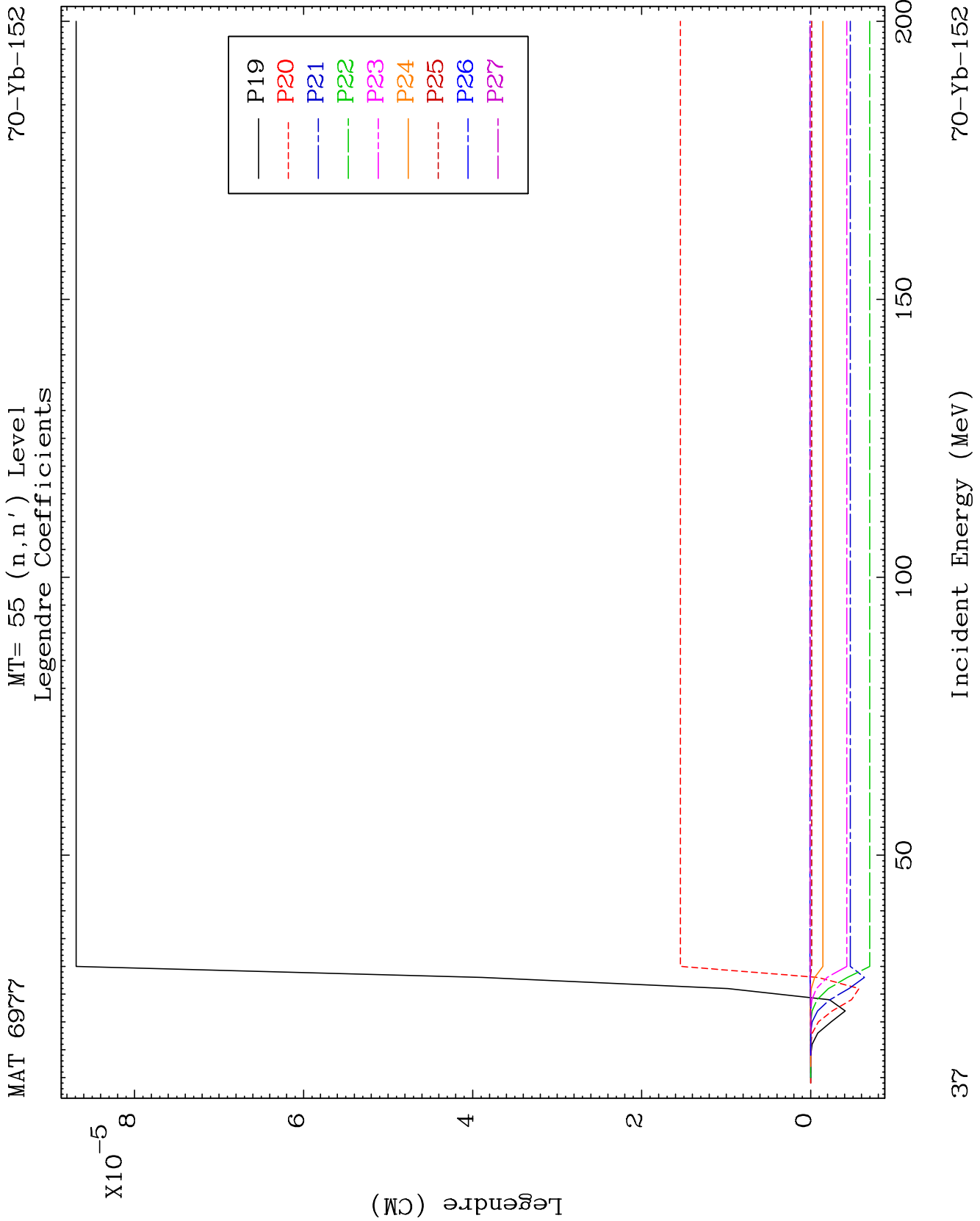
70-Yb-152

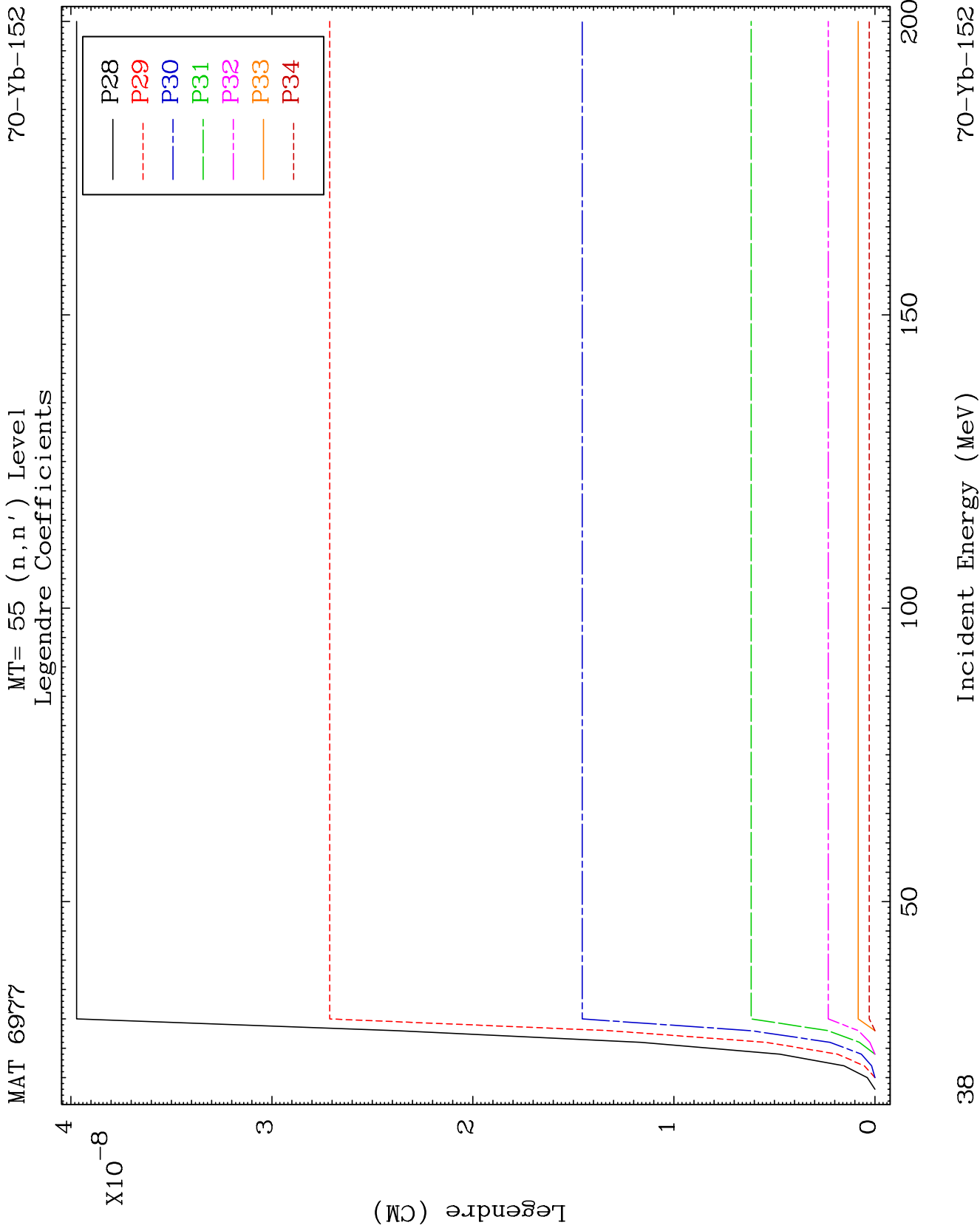


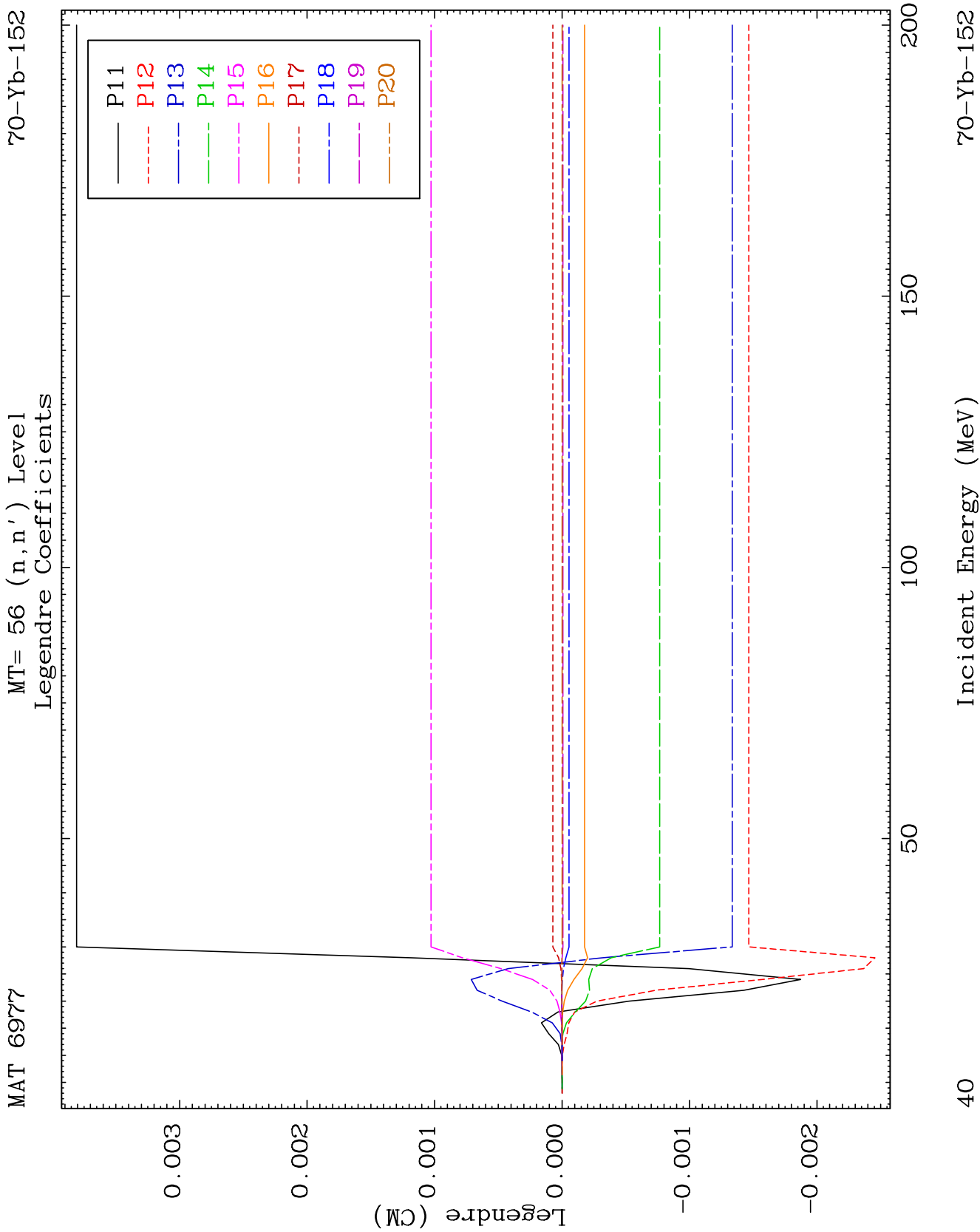
36

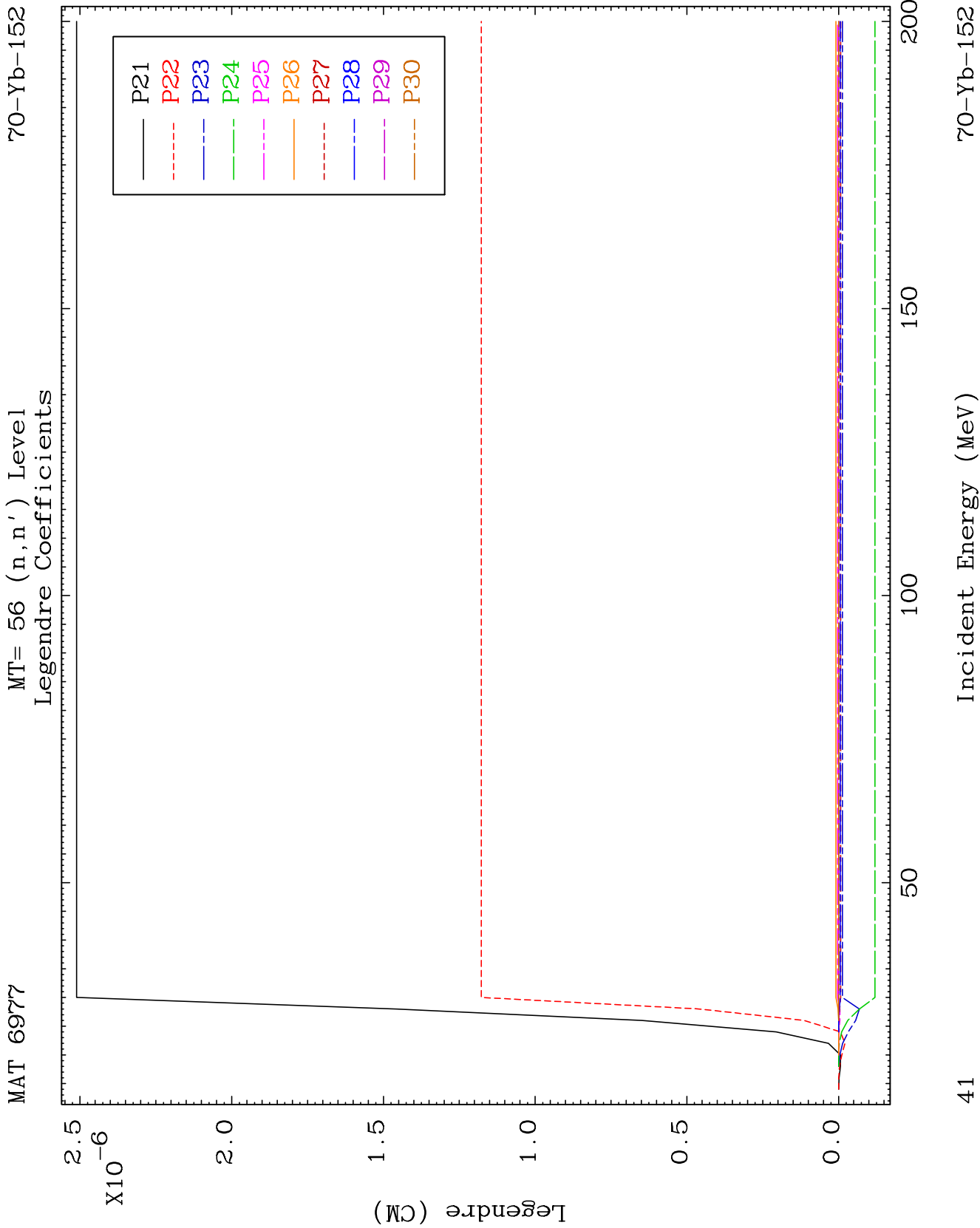
Incident Energy (MeV)

70-Yb-152







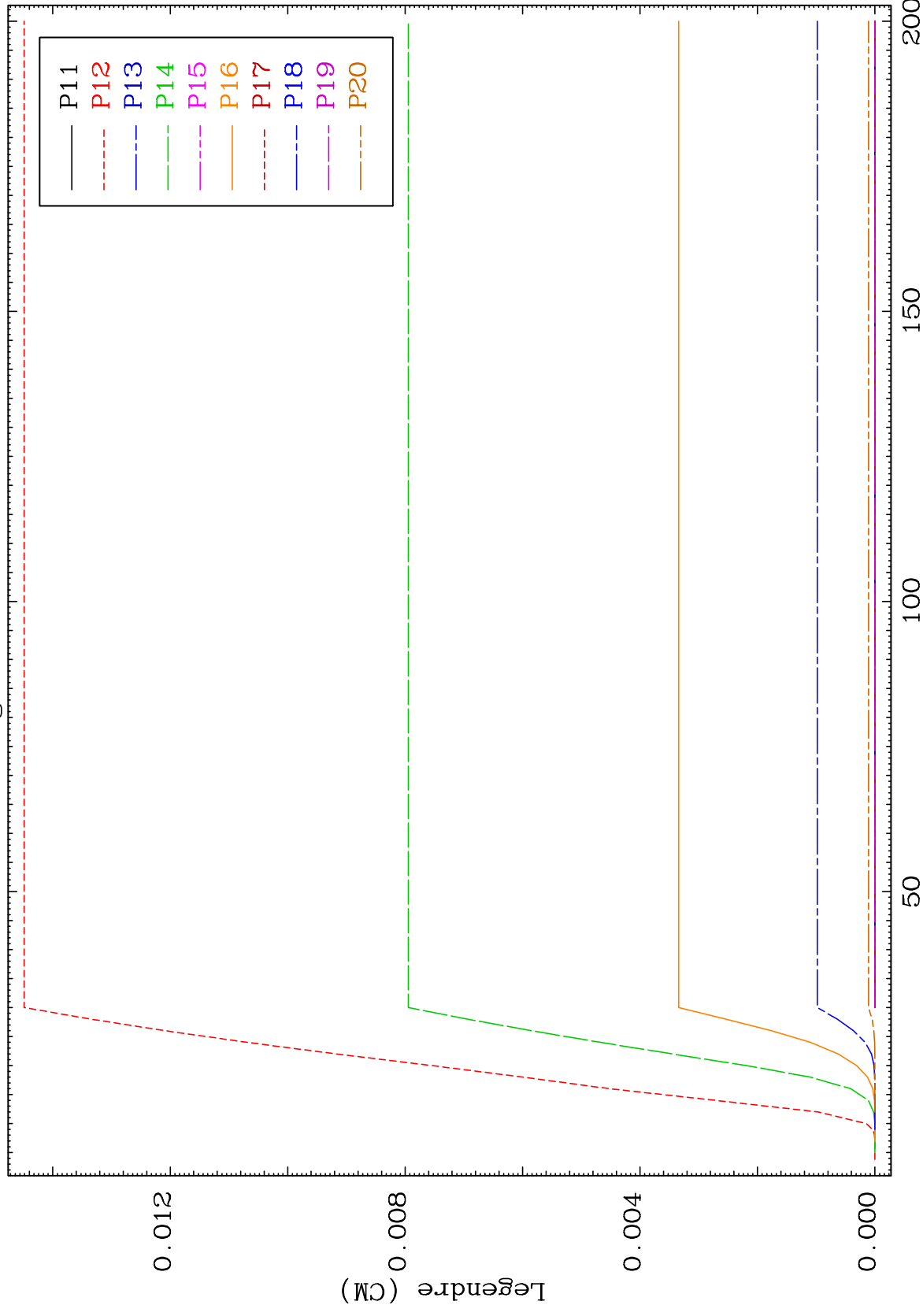


MAT 6977

MT=57 (n,n') Level

70-Yb-152

Legendre Coefficients



43

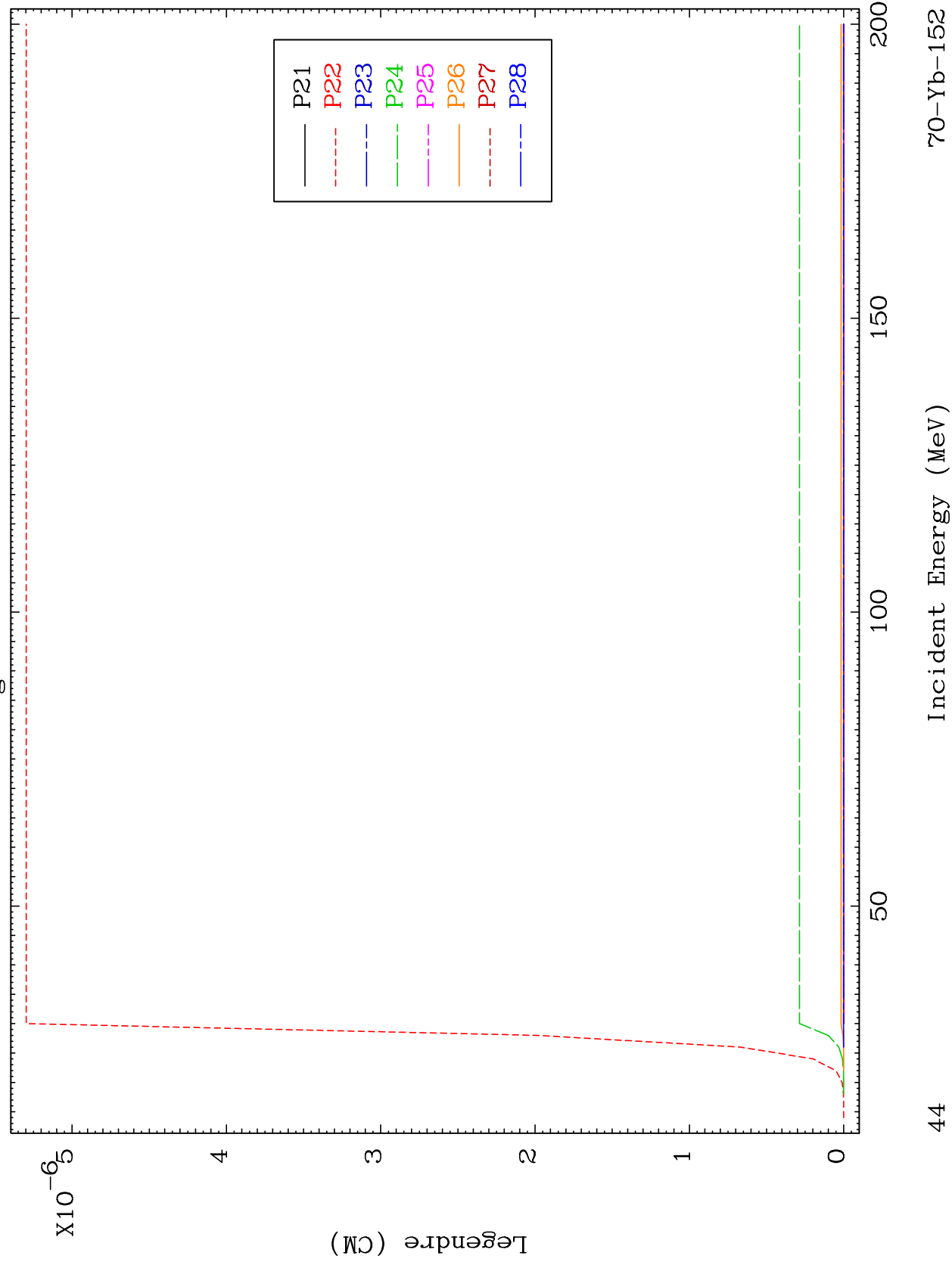
Incident Energy (MeV)

70-Yb-152

MAT 6977

MT= 57 (n, n') Level
Legendre Coefficients

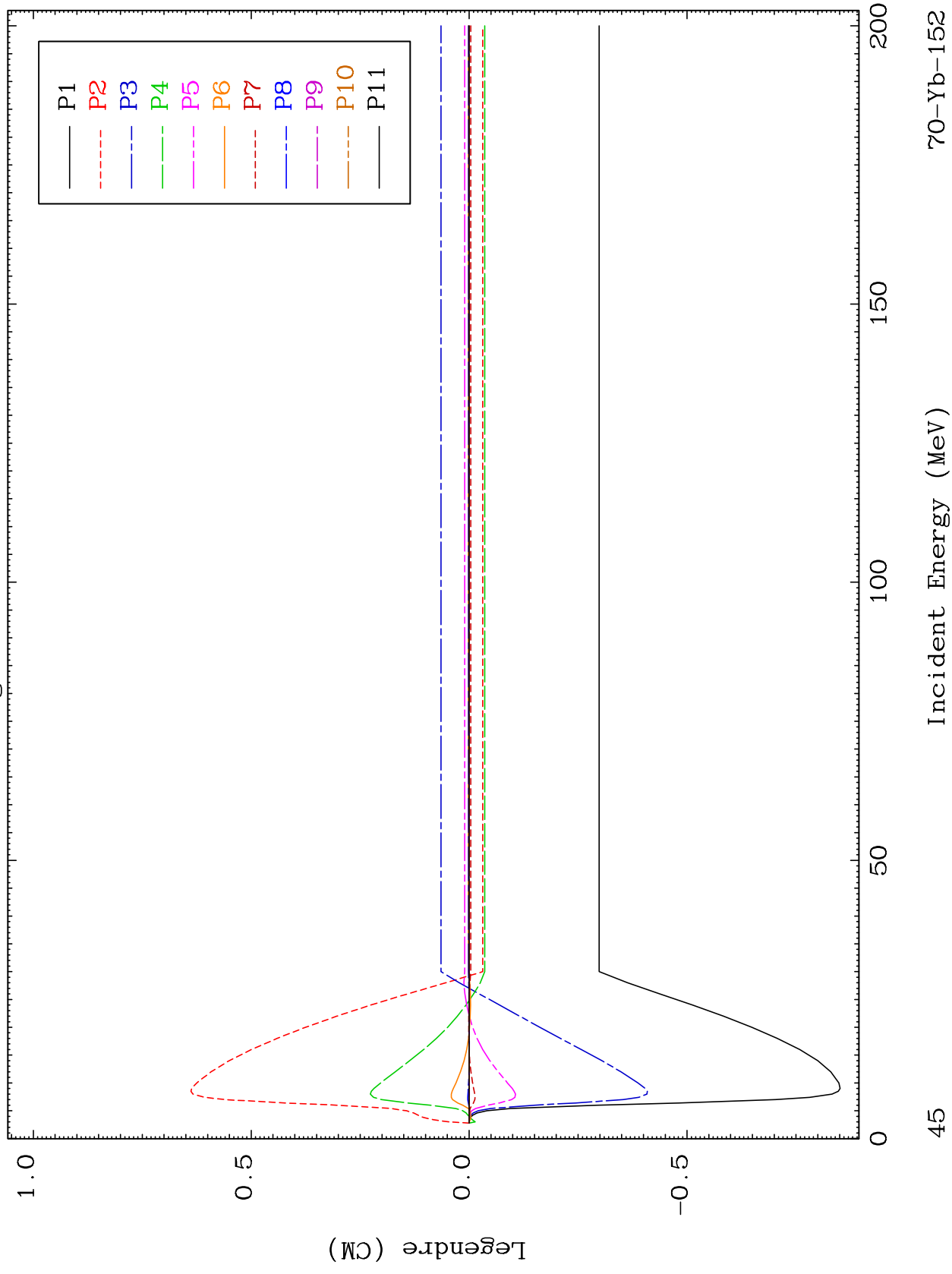
70-Yb-152



MAT 6977

MT= 58 (n, n') Level
Legendre Coefficients

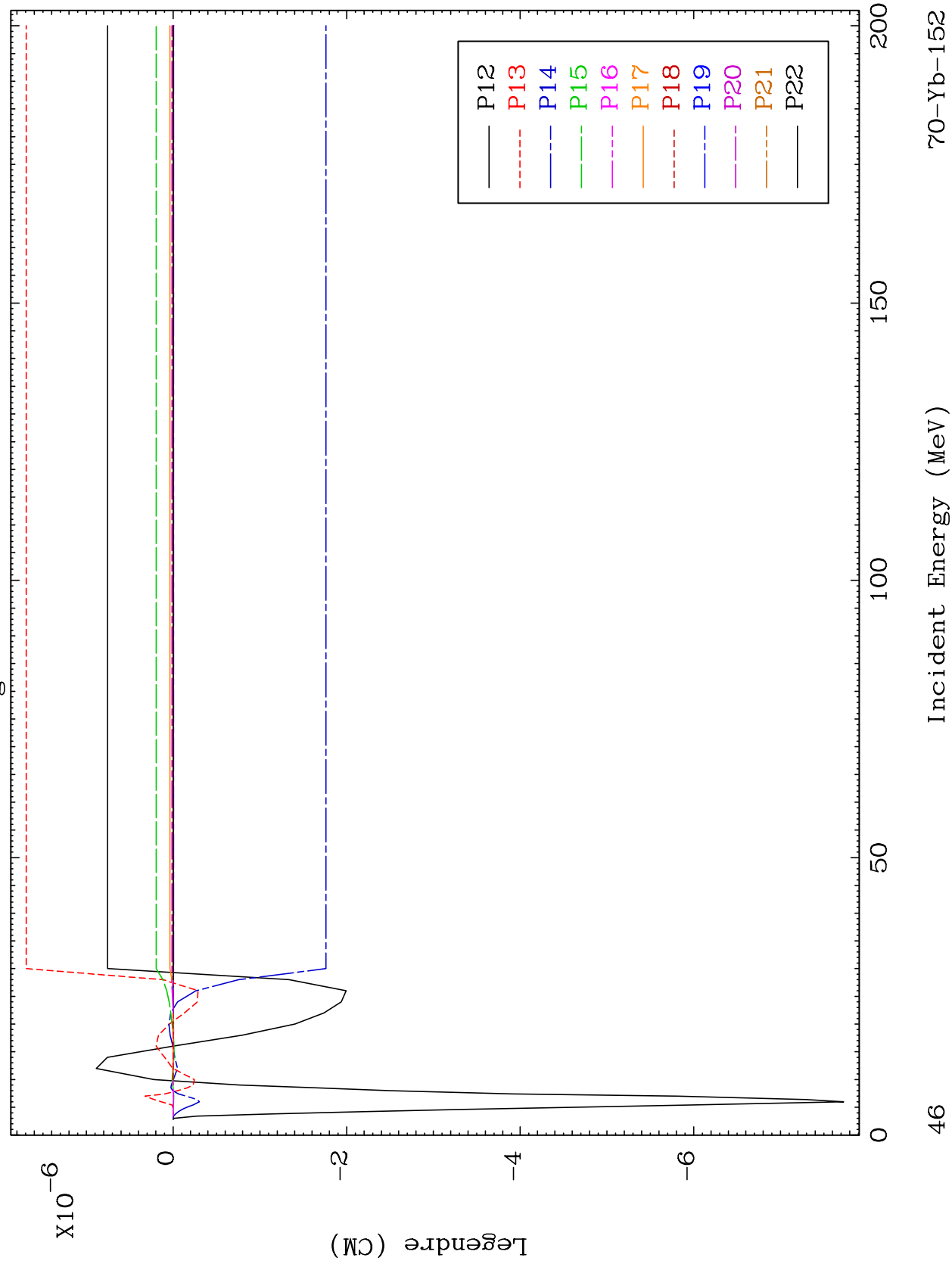
70-Yb-152

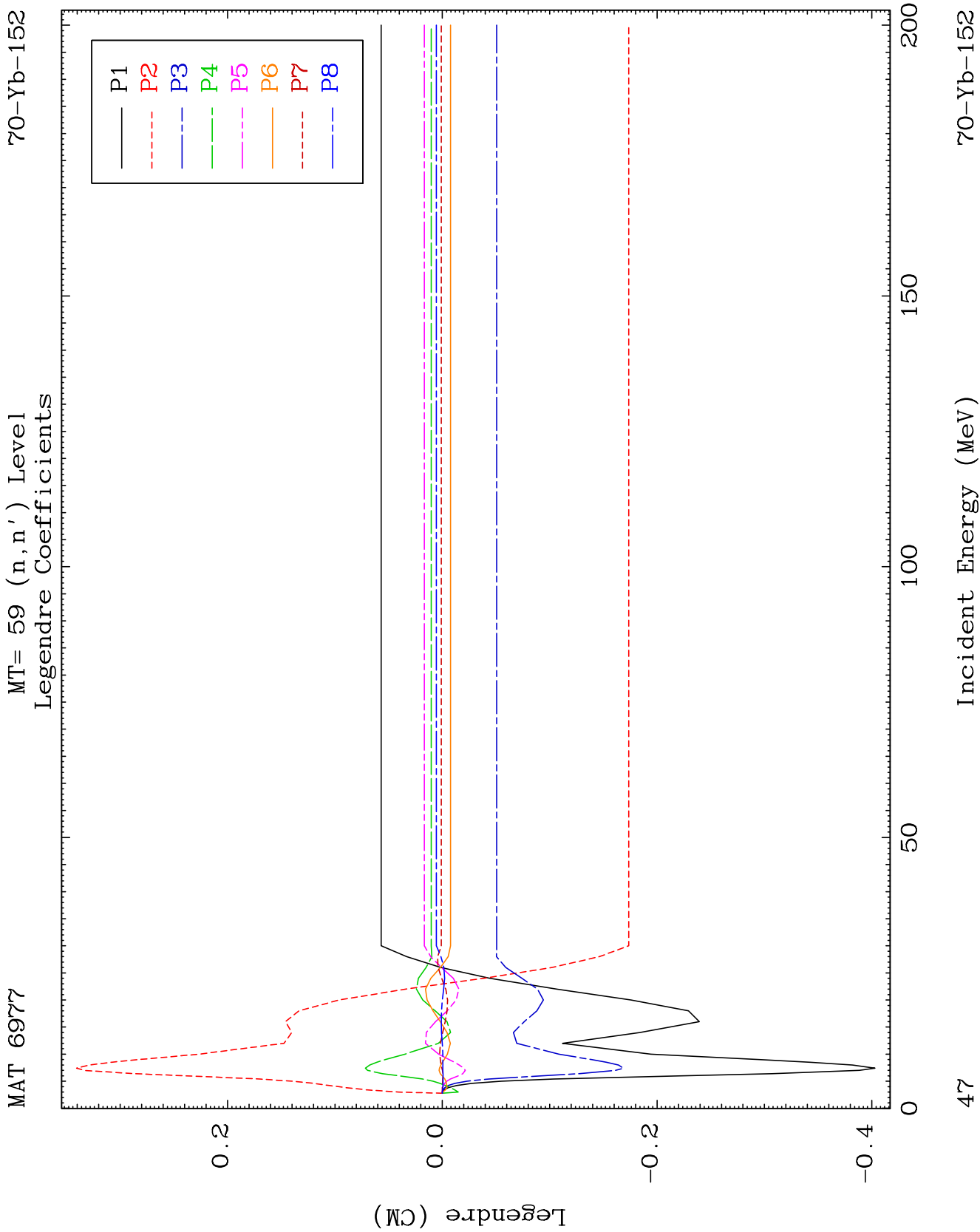


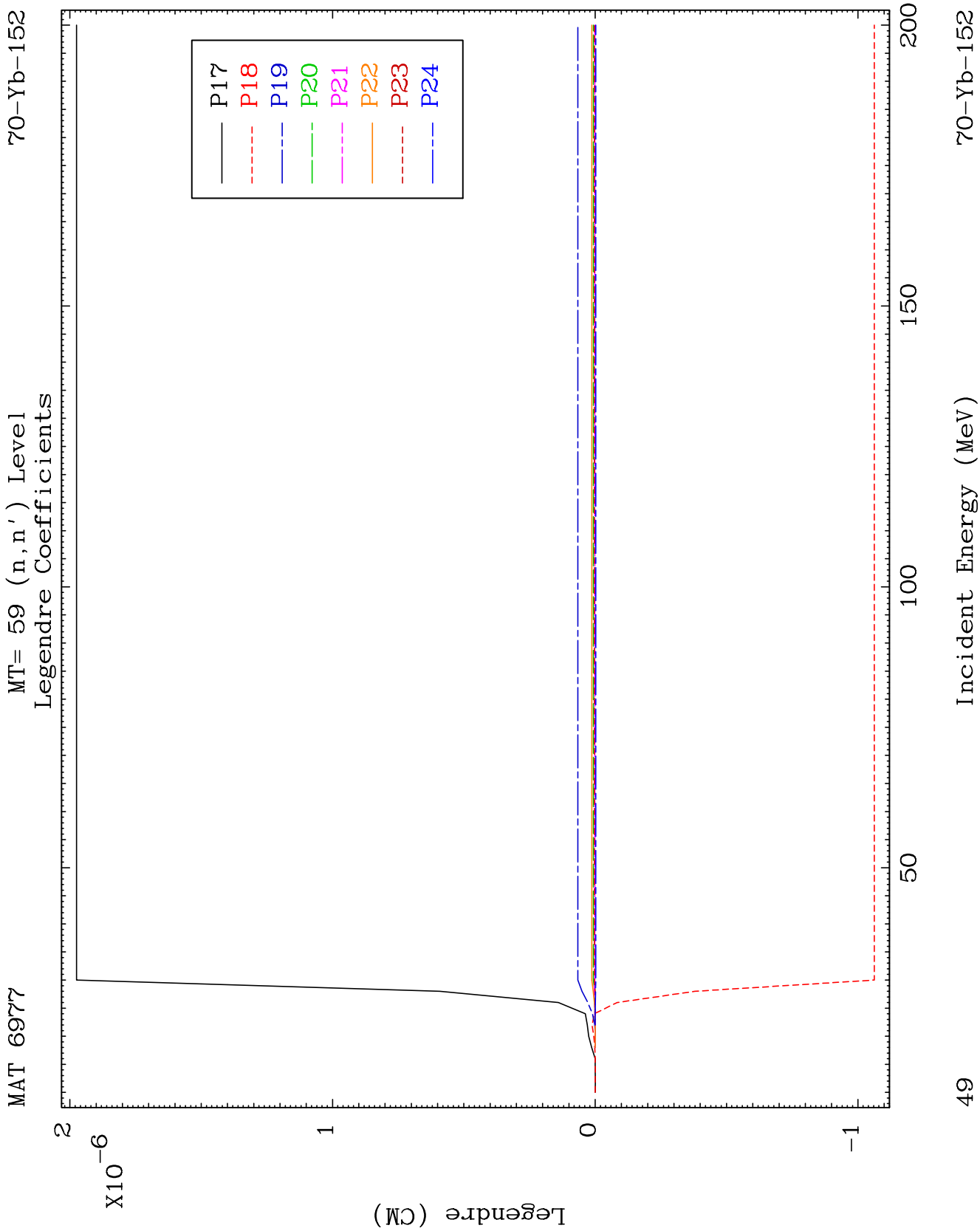
MAT 6977

MT= 58 (n, n') Level
Legendre Coefficients

70-Yb-152



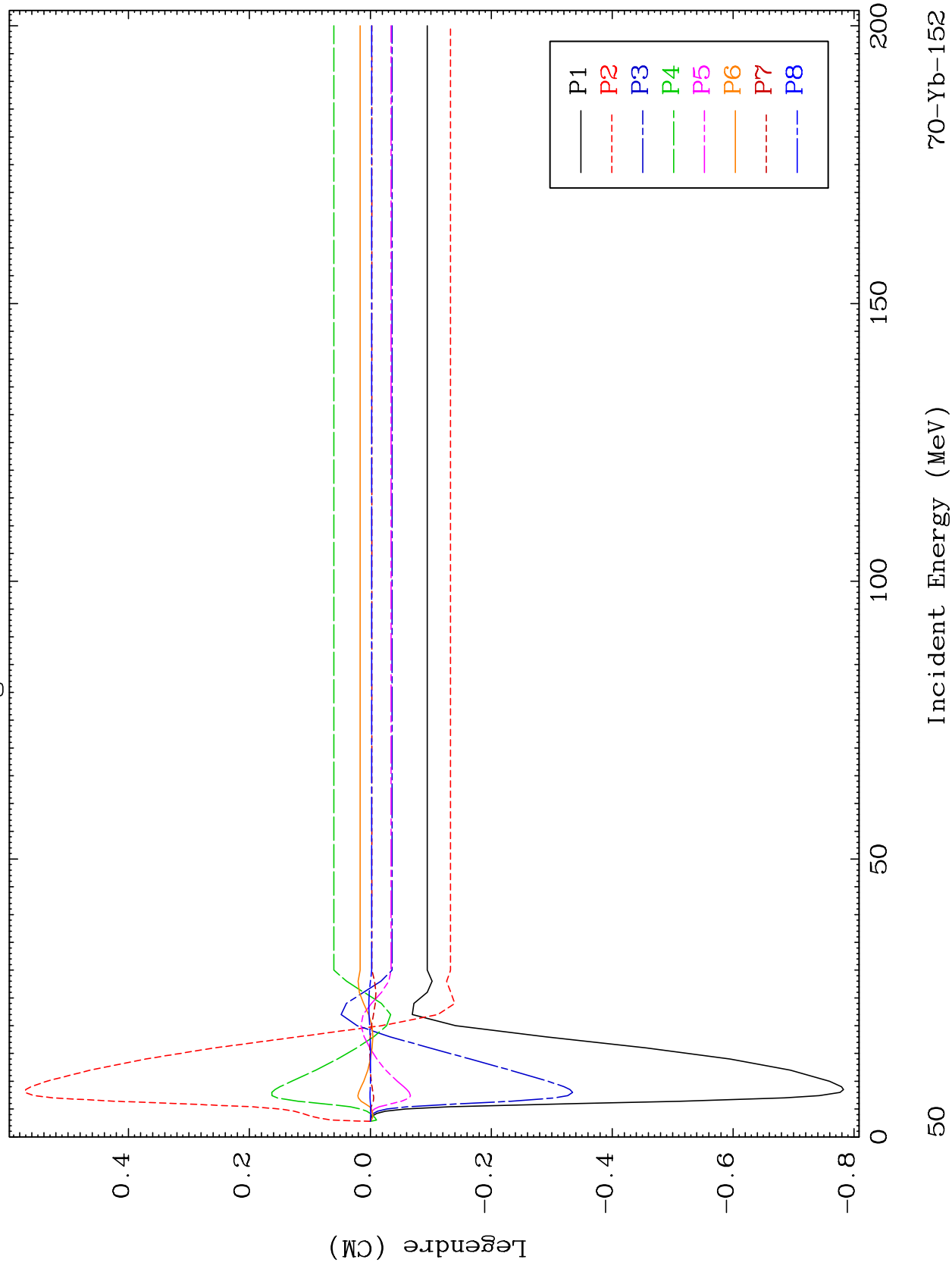


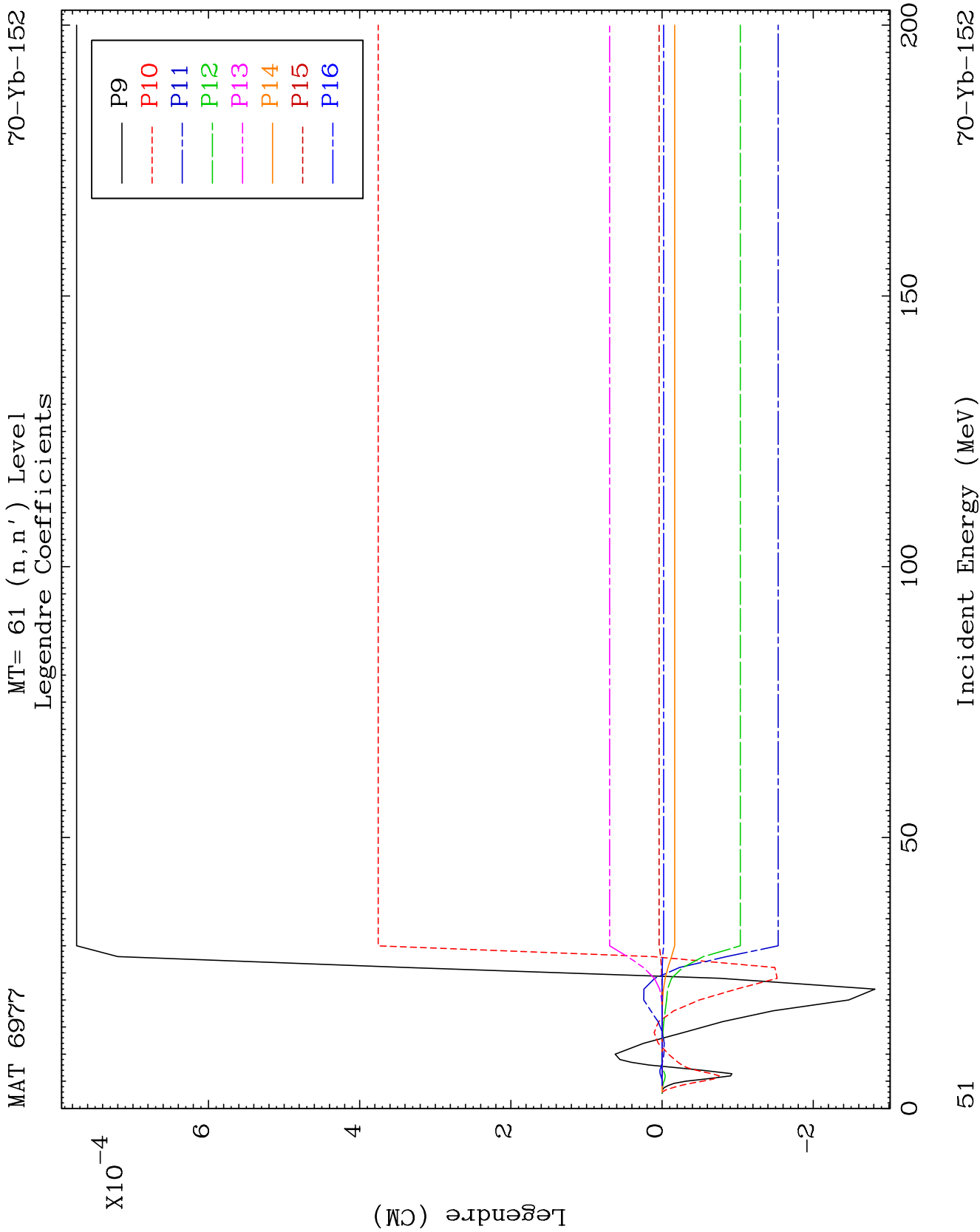


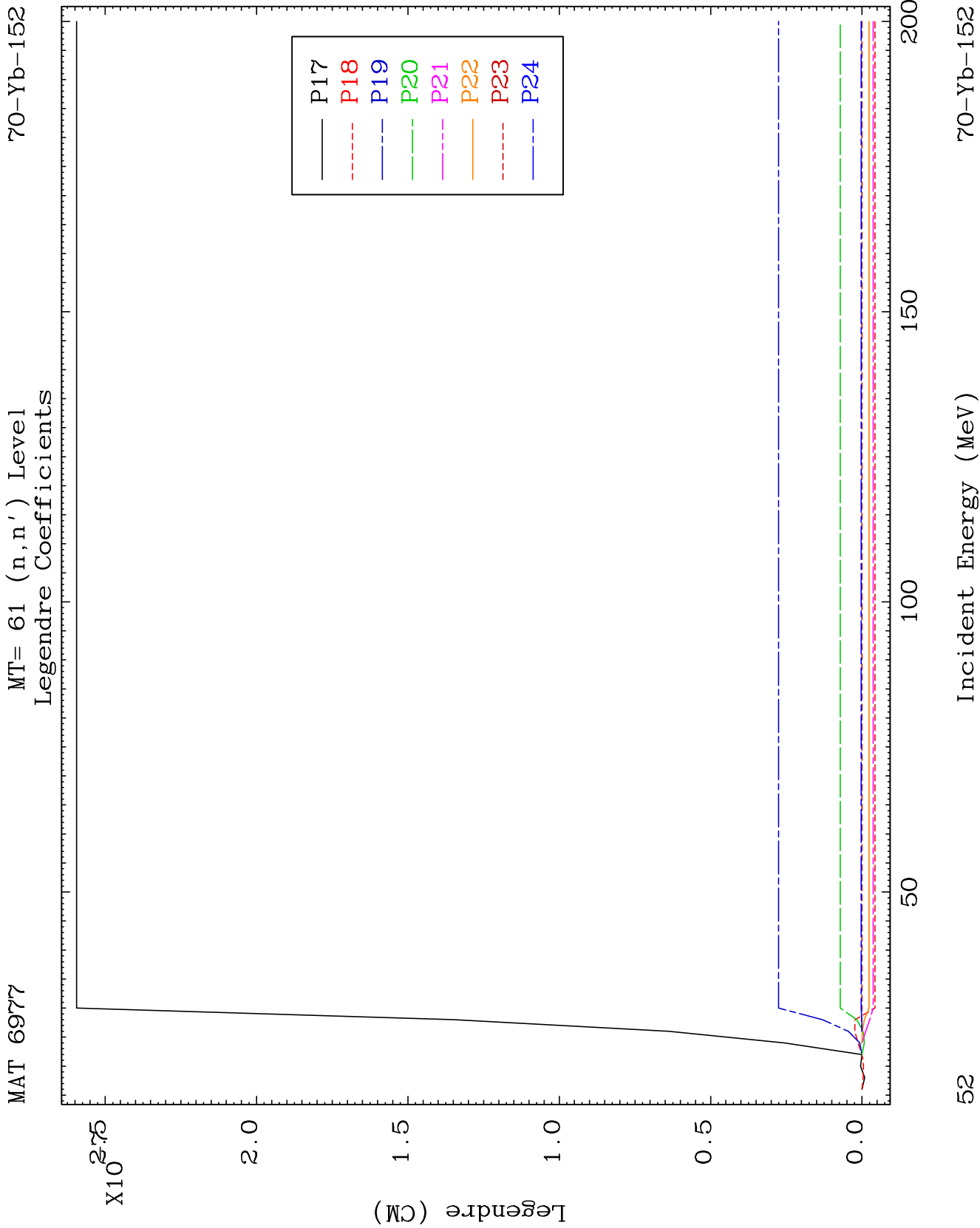
MAT 6977

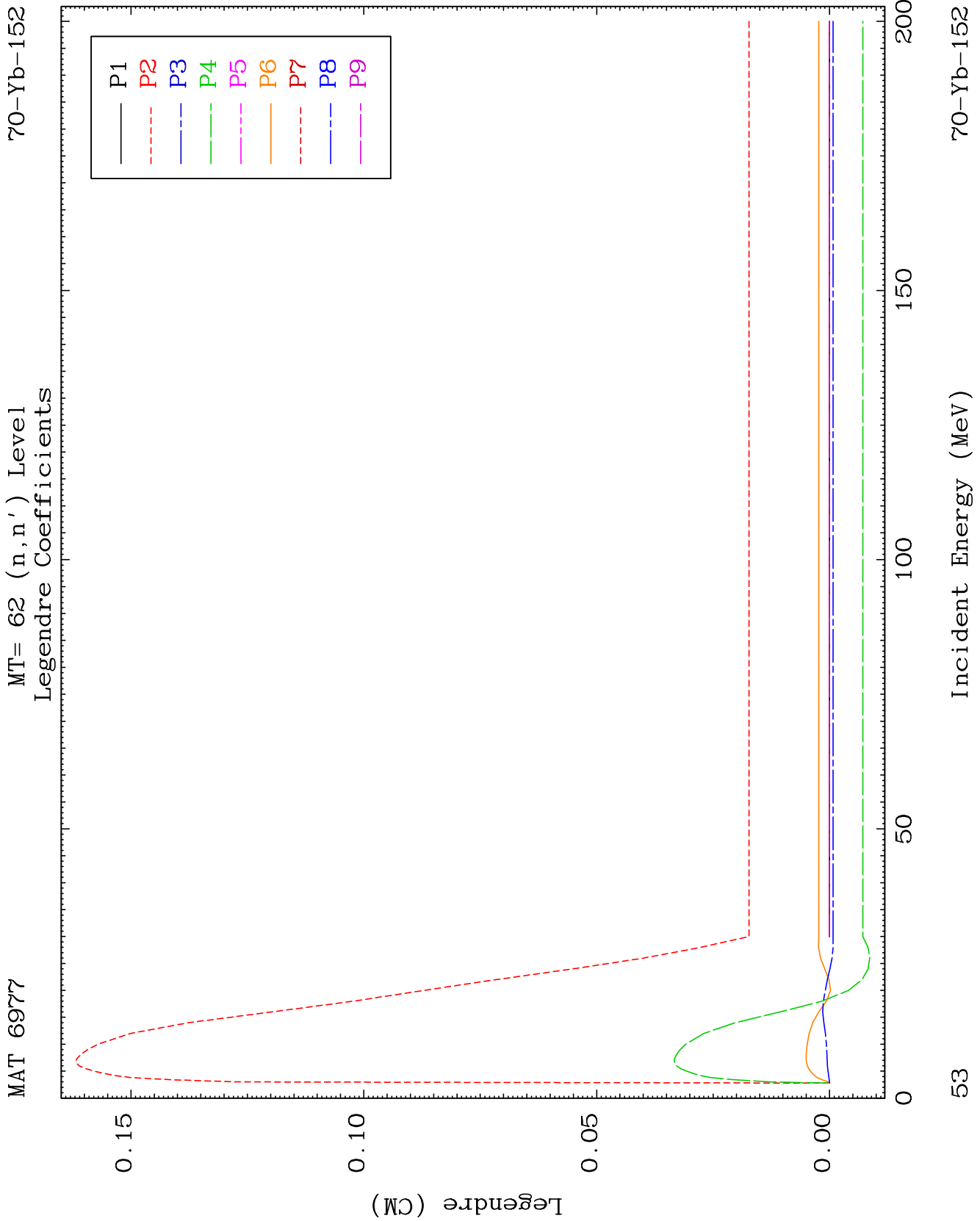
MT= 61 (n, n') Level
Legendre Coefficients

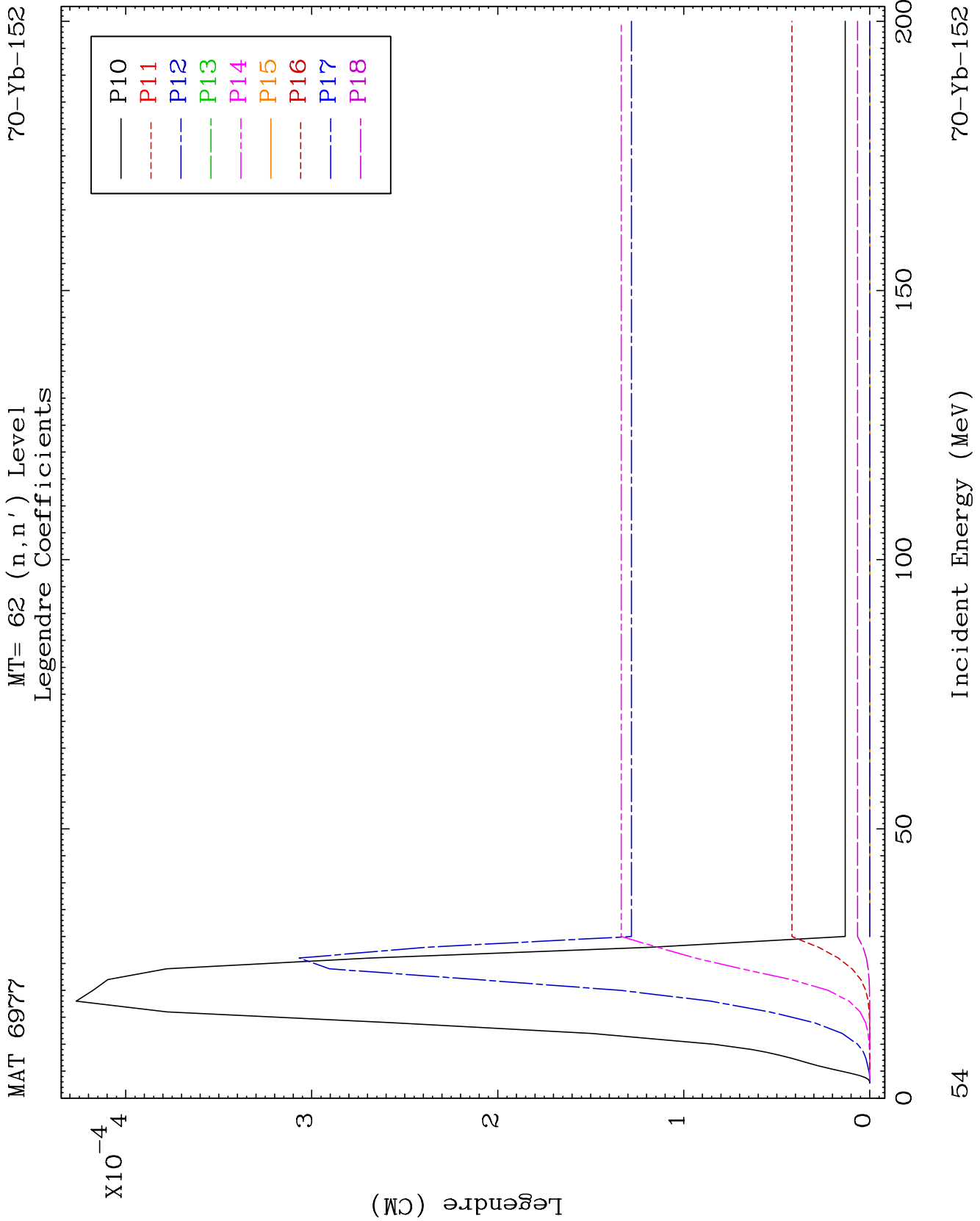
70-Yb-152







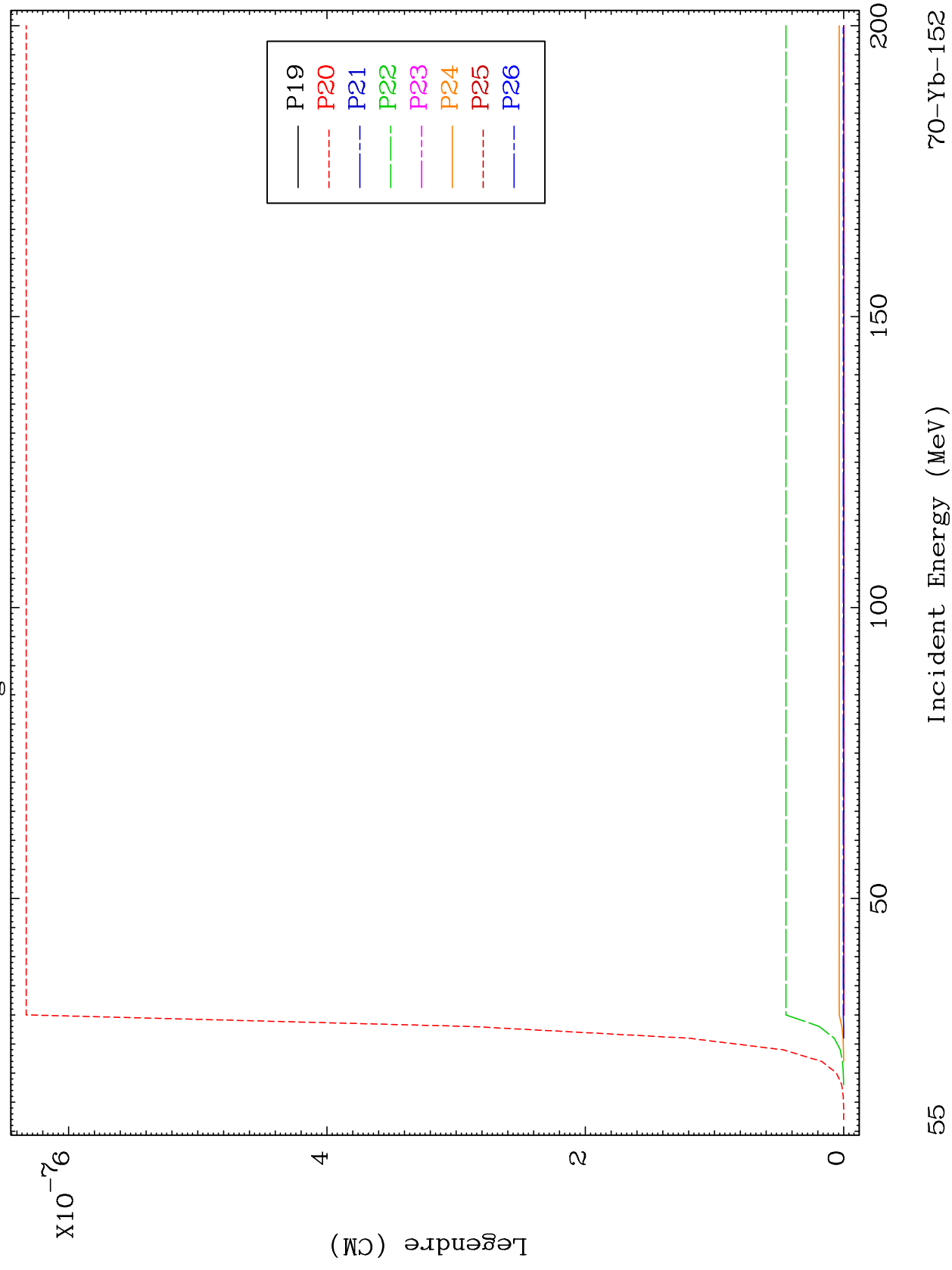




MAT 6977

MT= 62 (n, n') Level
Legendre Coefficients

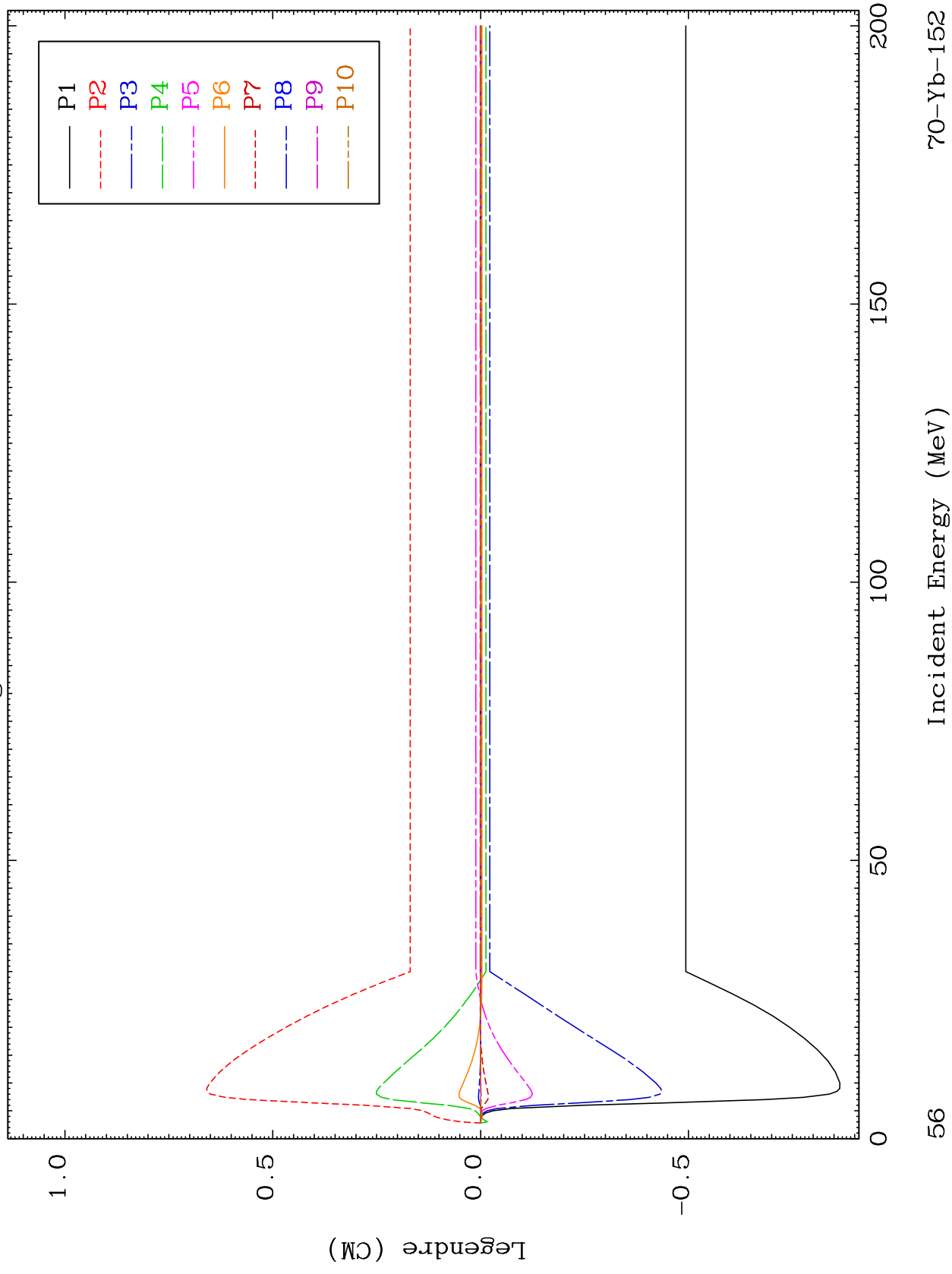
70-Yb-152

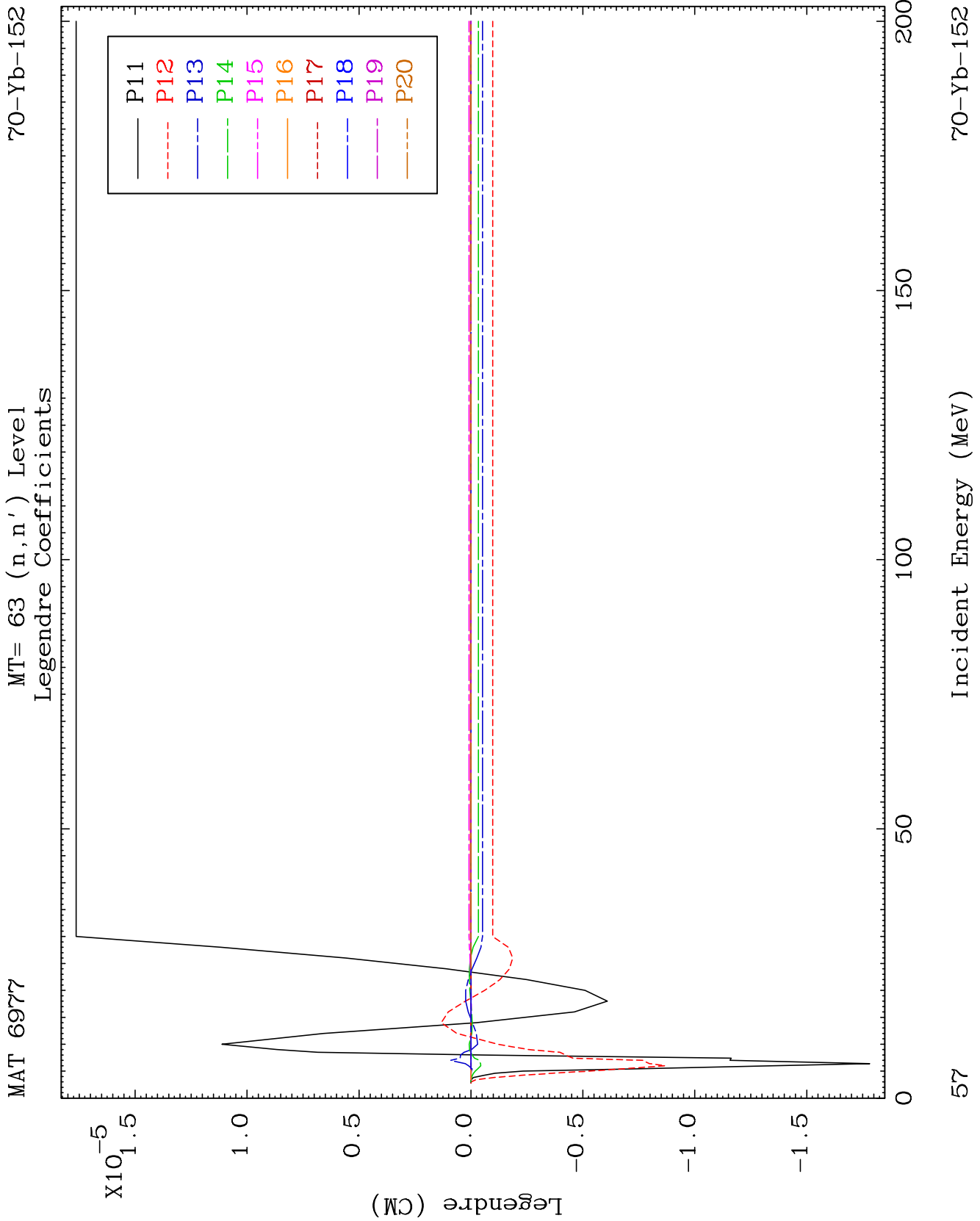


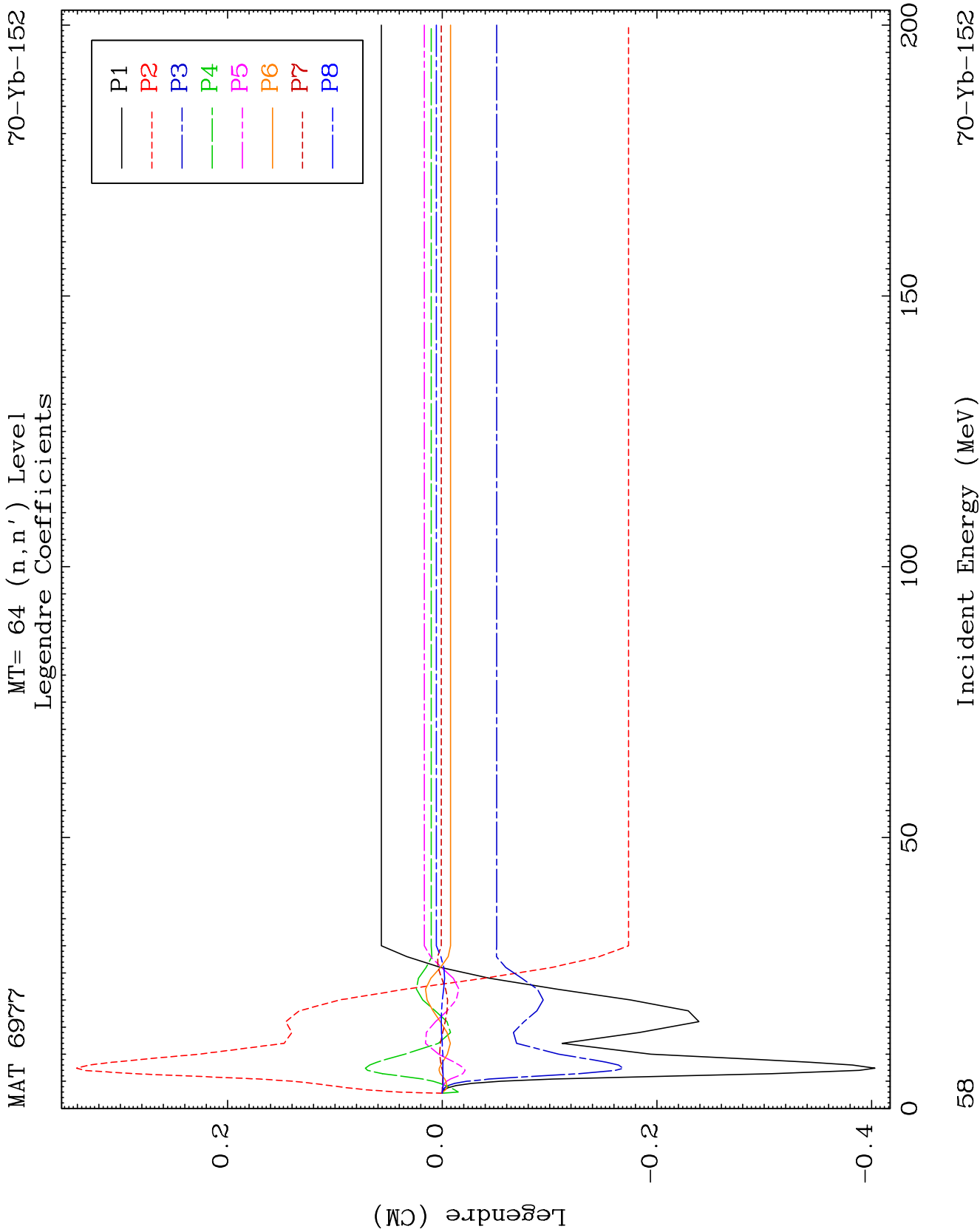
MAT 6977

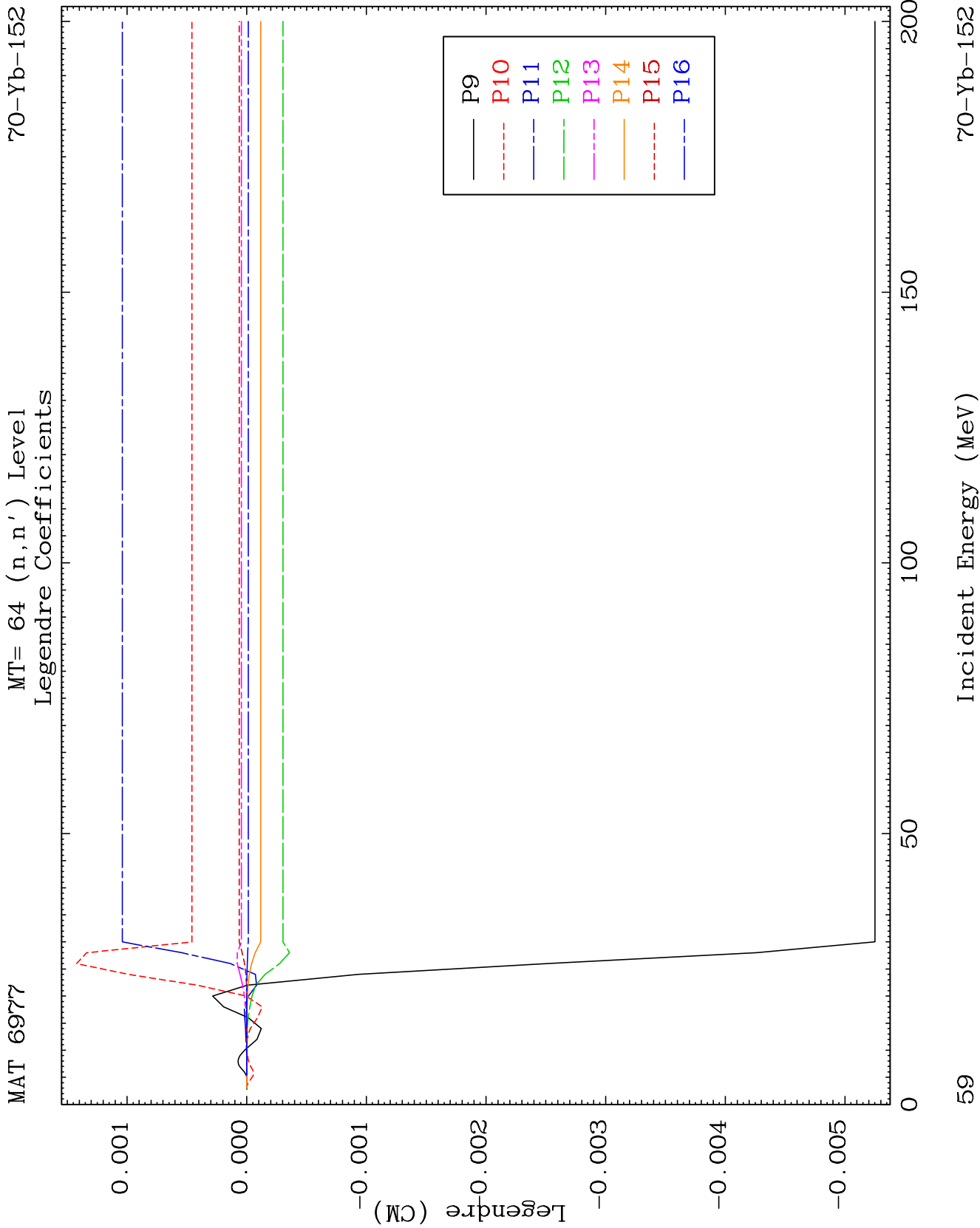
MT= 63 (n, n') Level
Legendre Coefficients

70-Yb-152





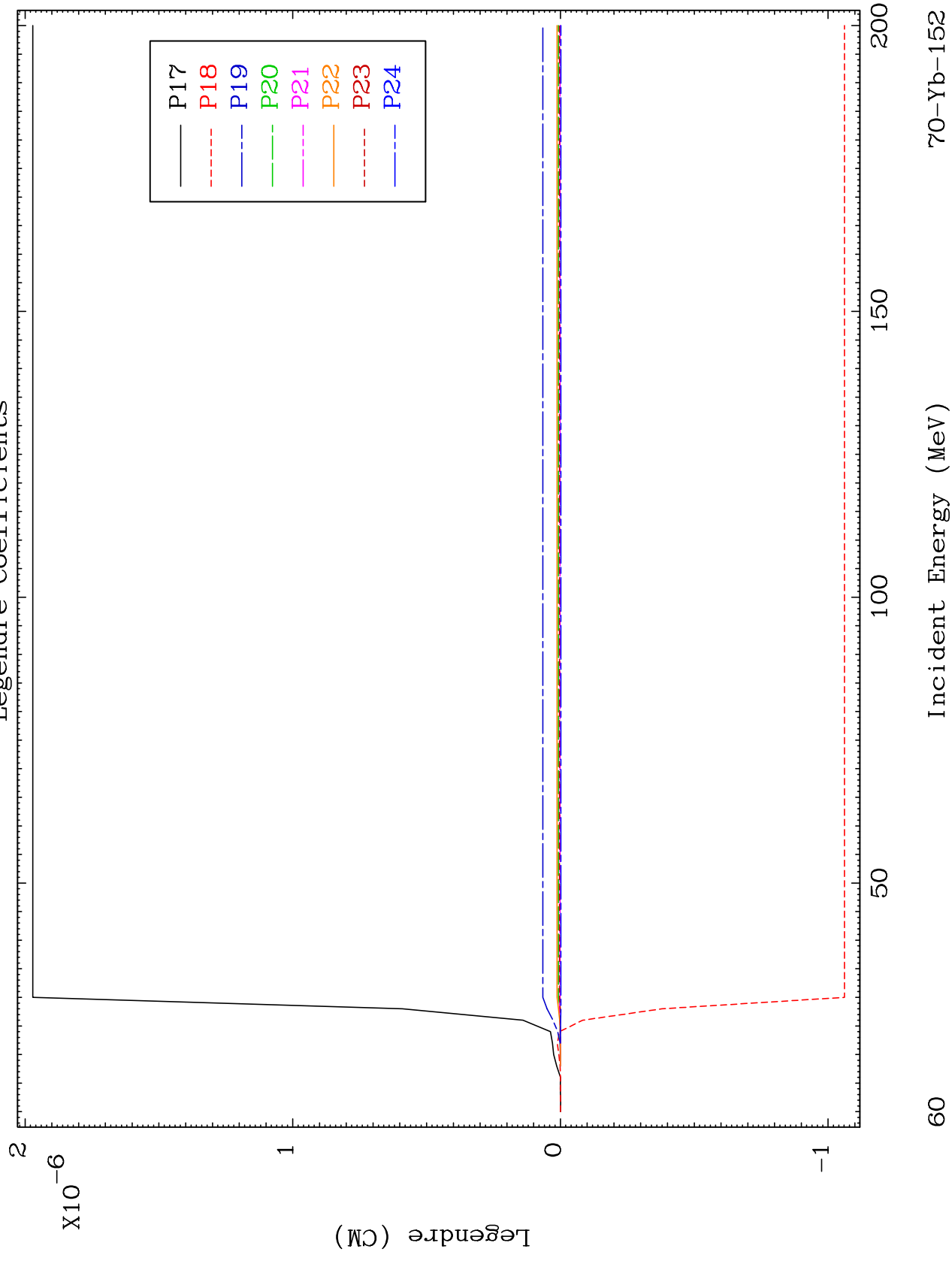


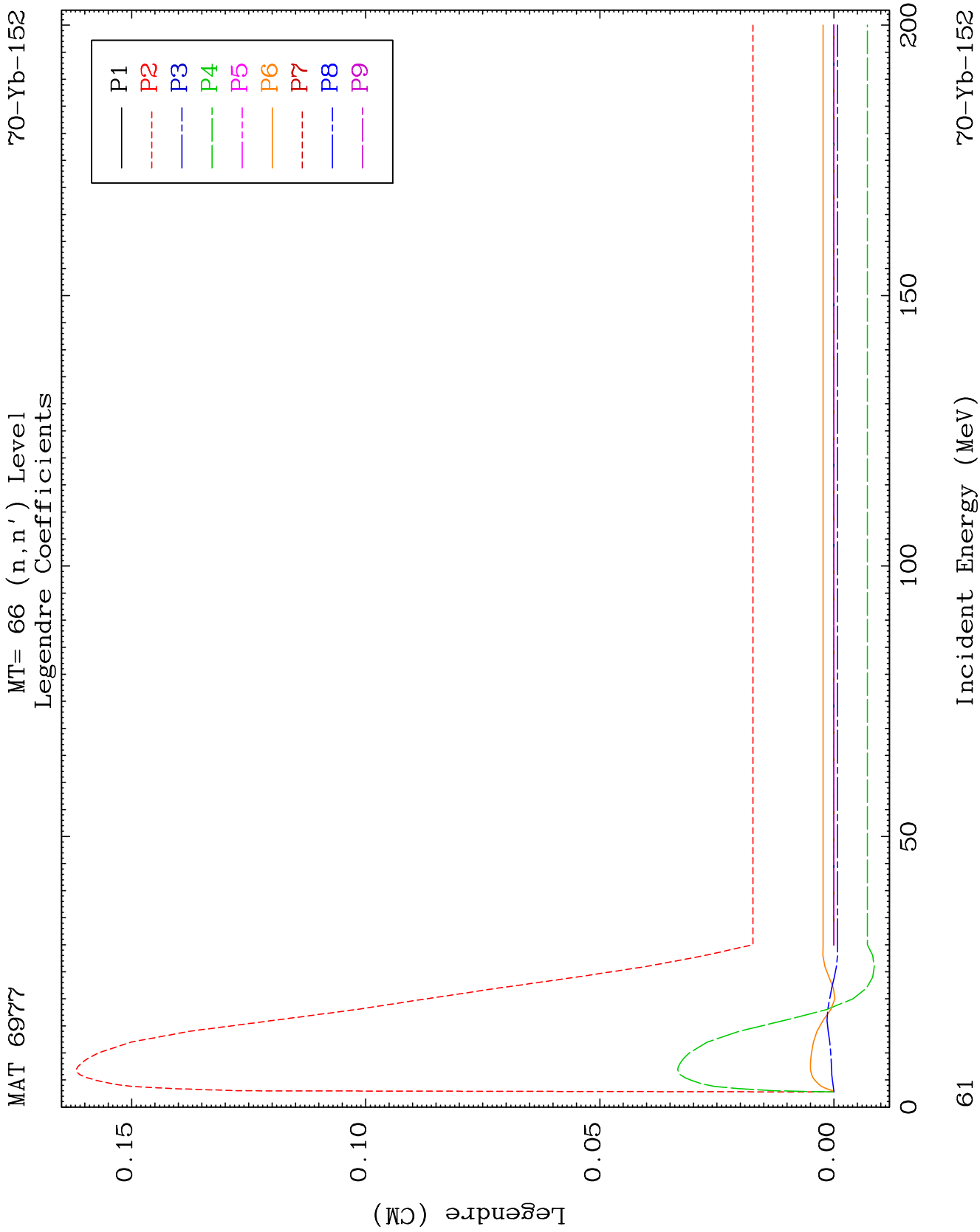


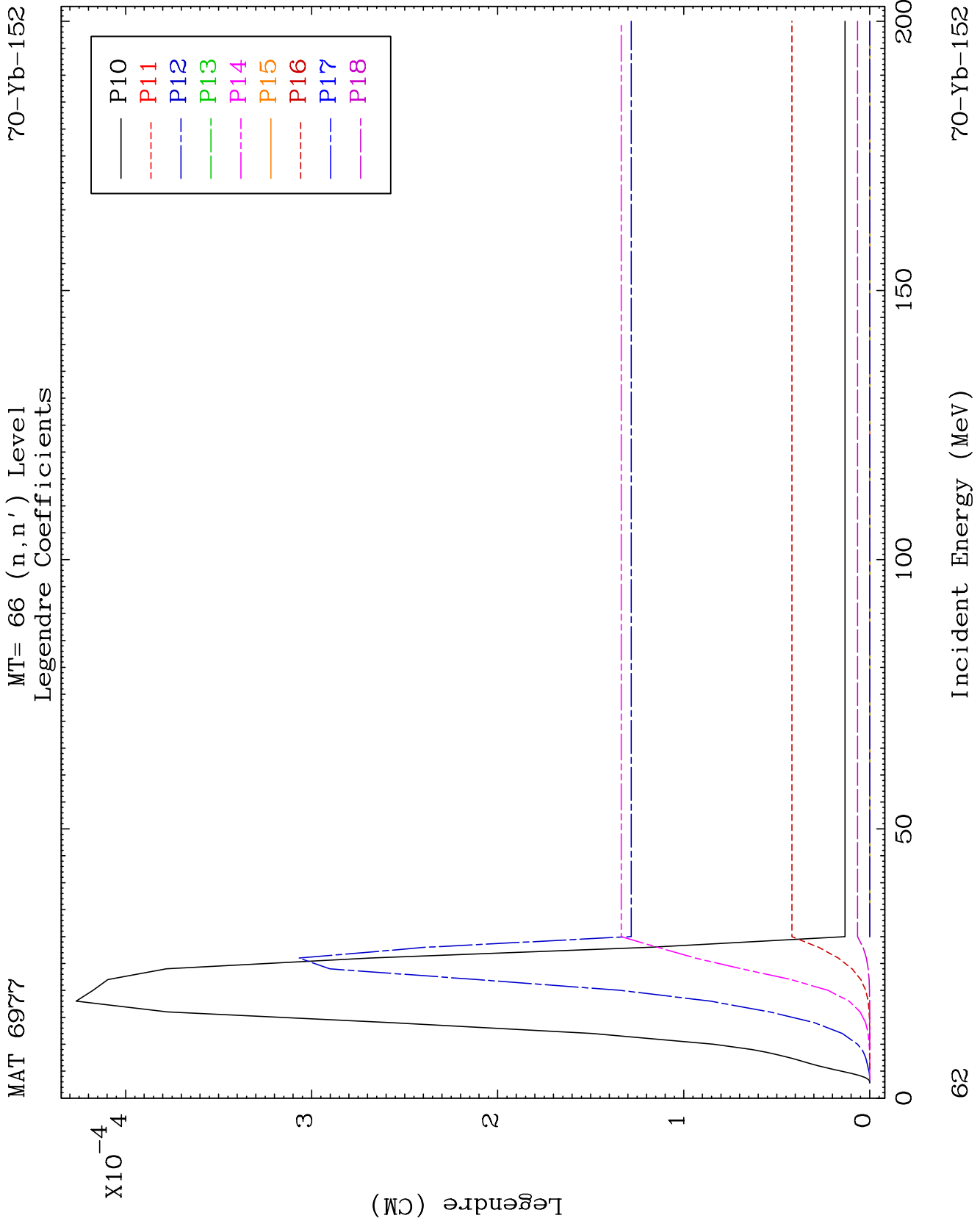
MAT 6977

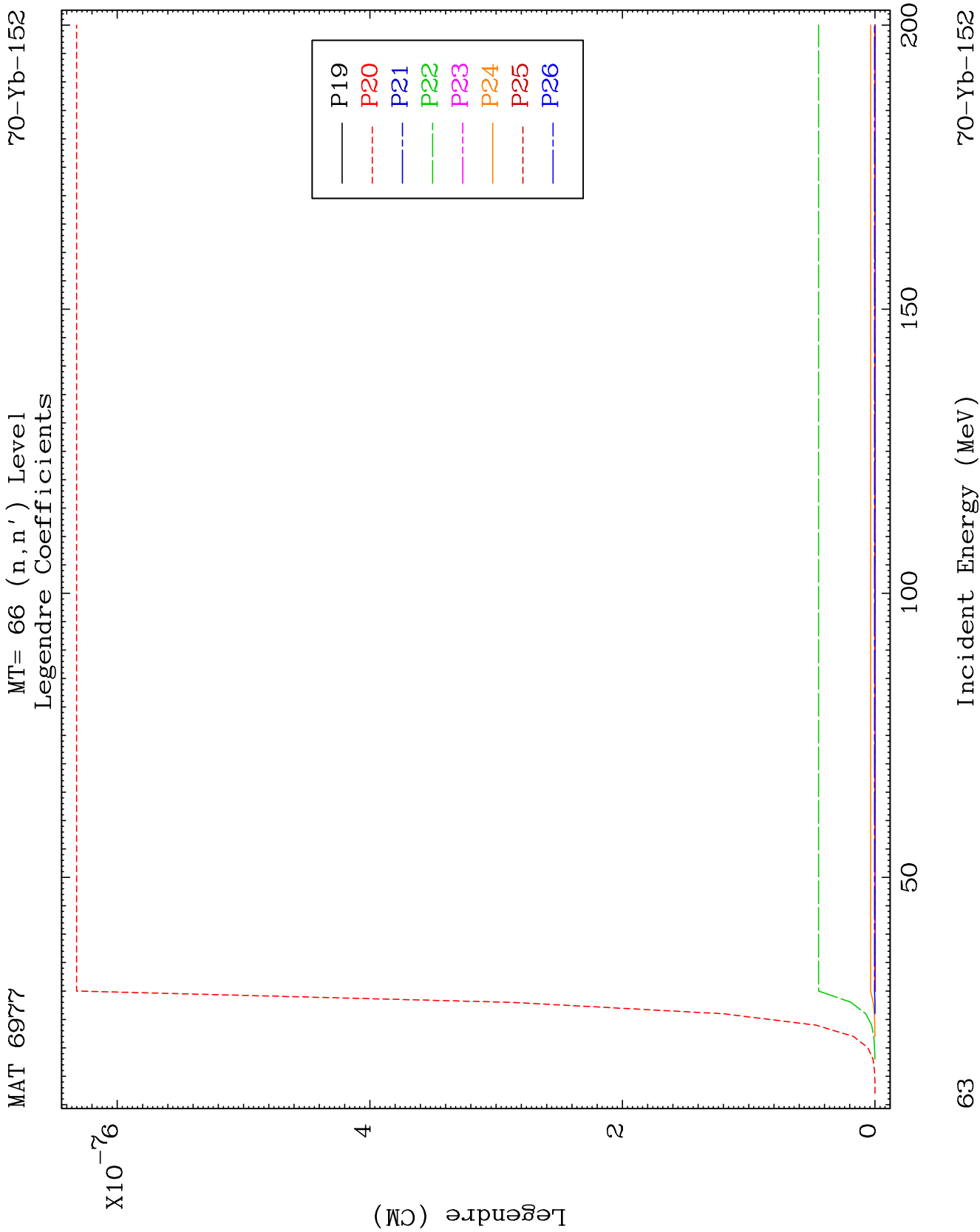
MT= 64 (n, n') Level
Legendre Coefficients

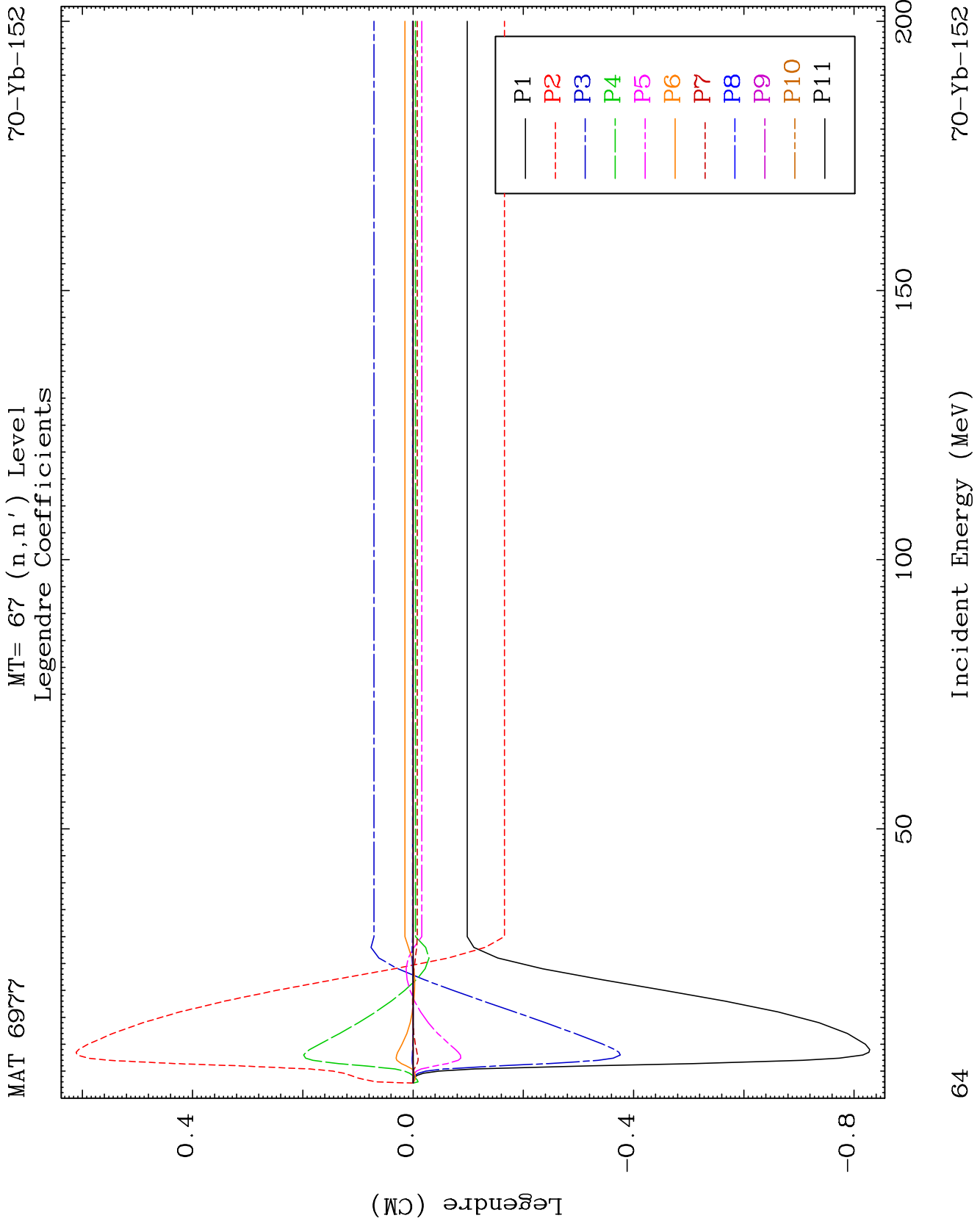
70-Yb-152

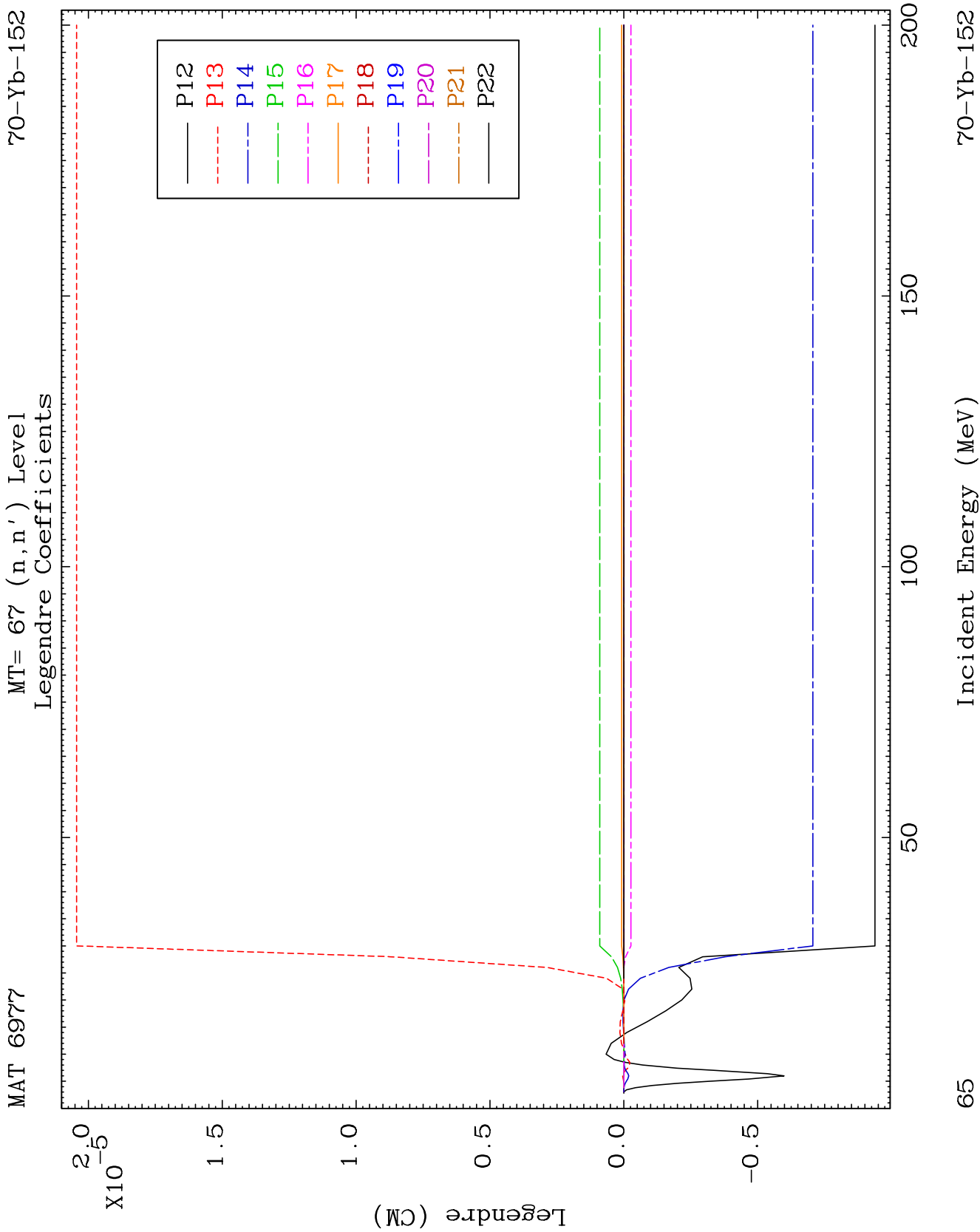


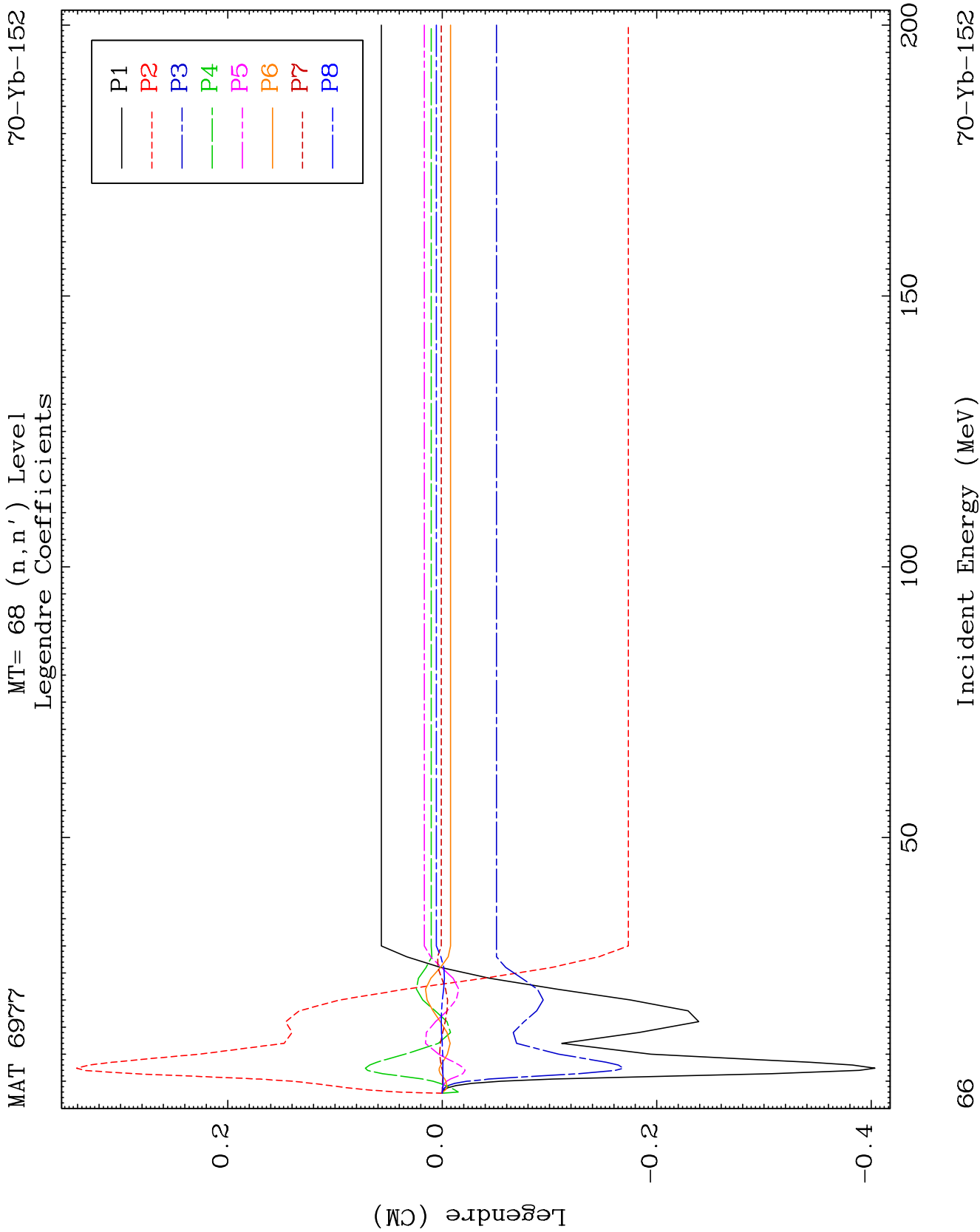


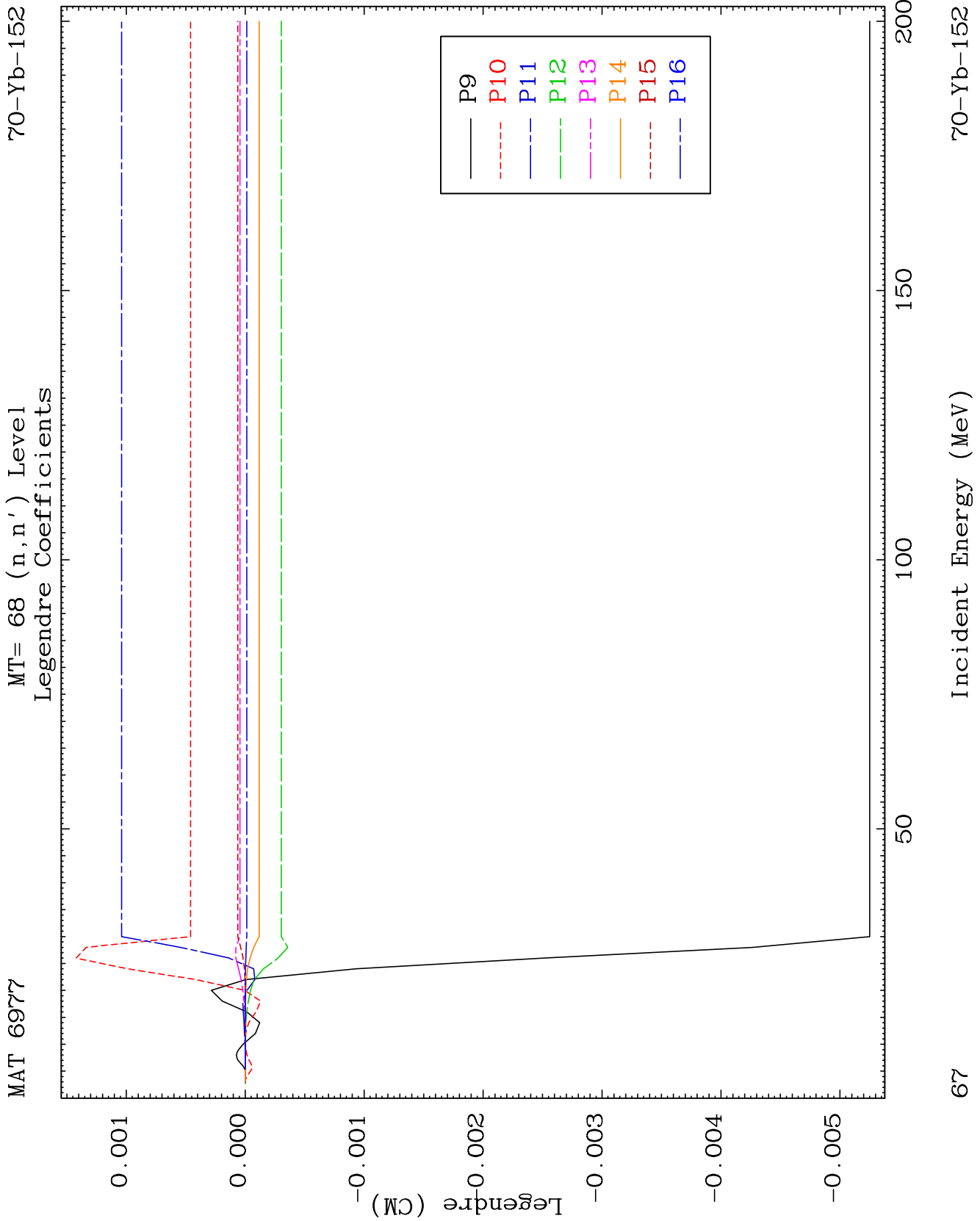


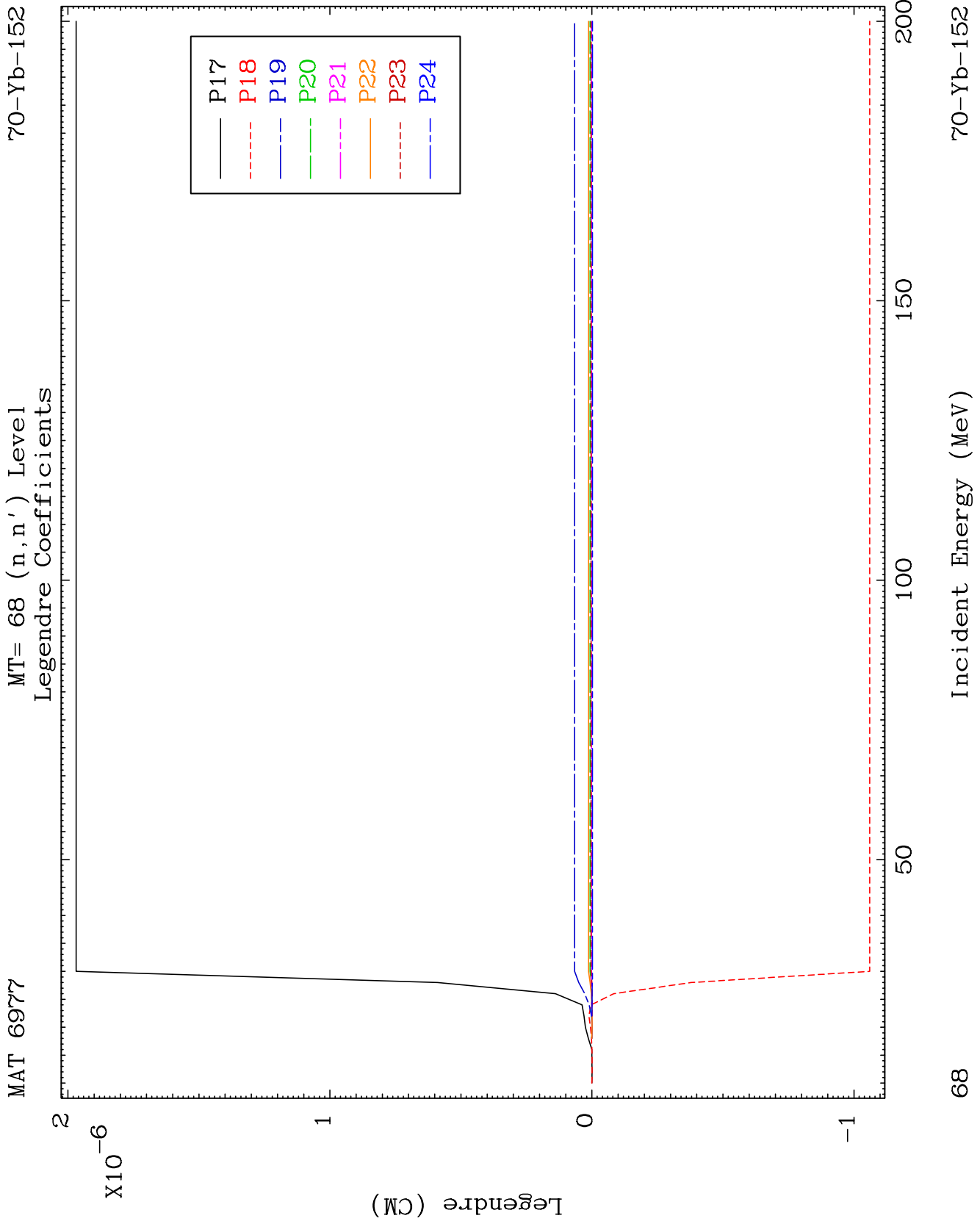


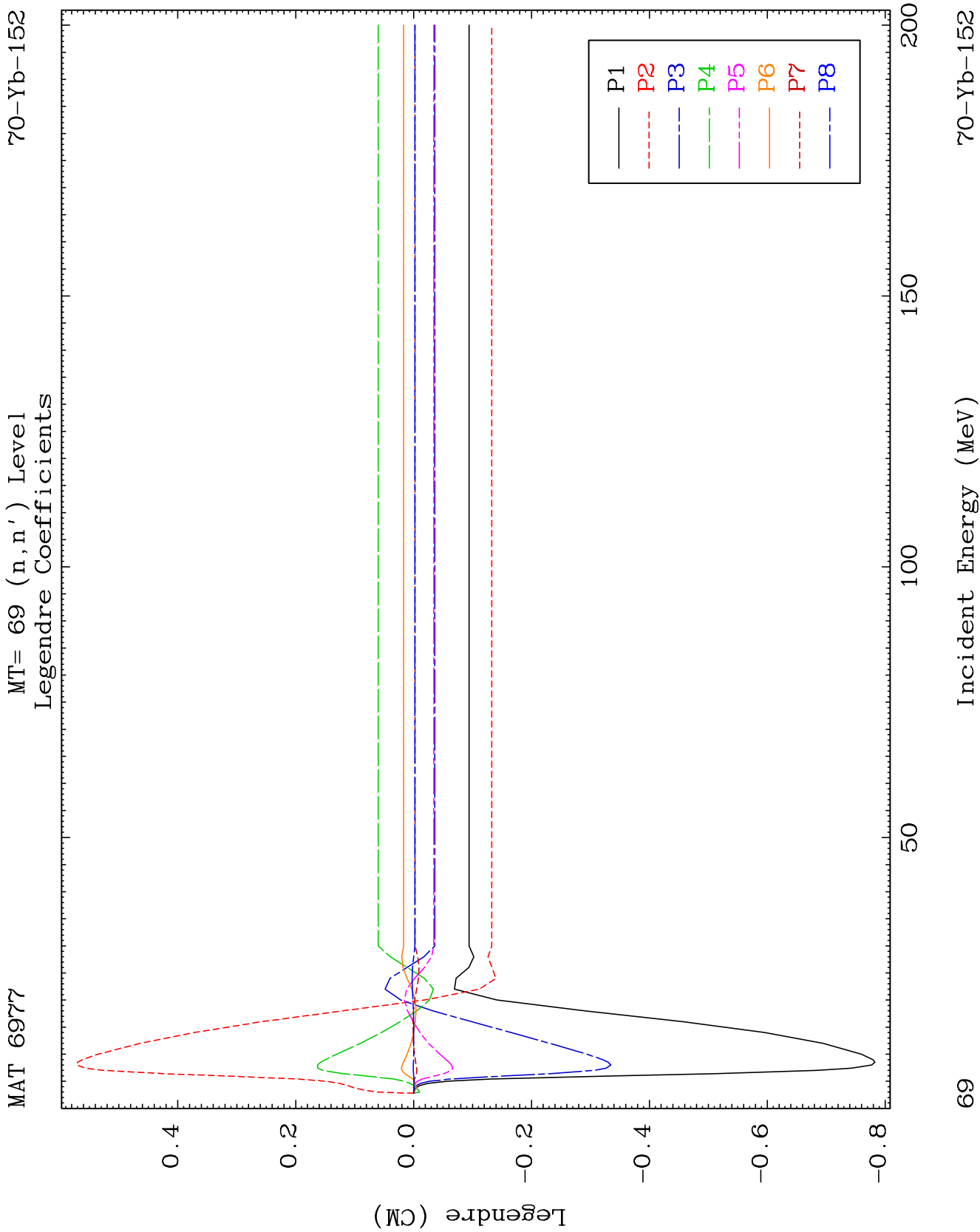








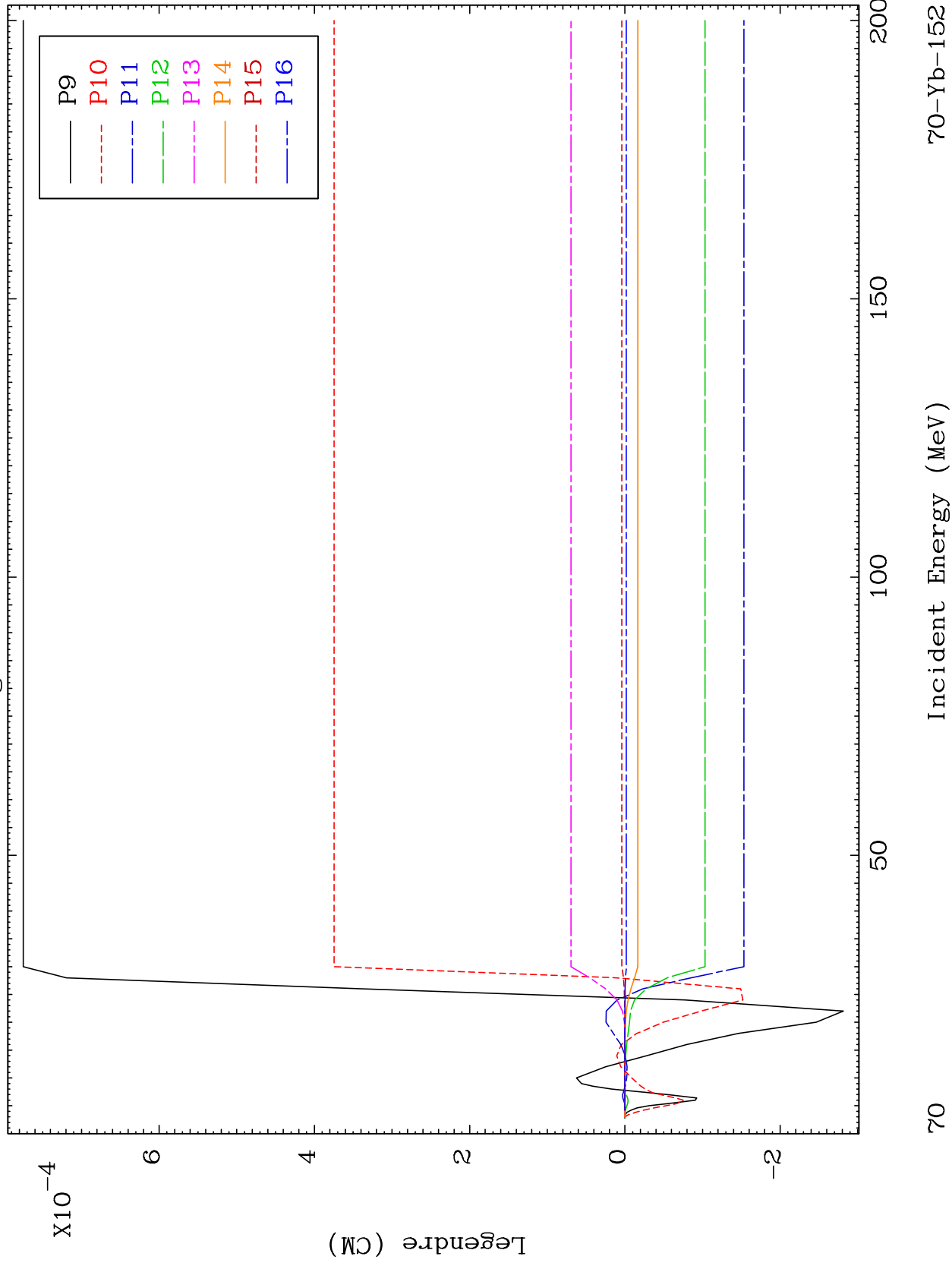


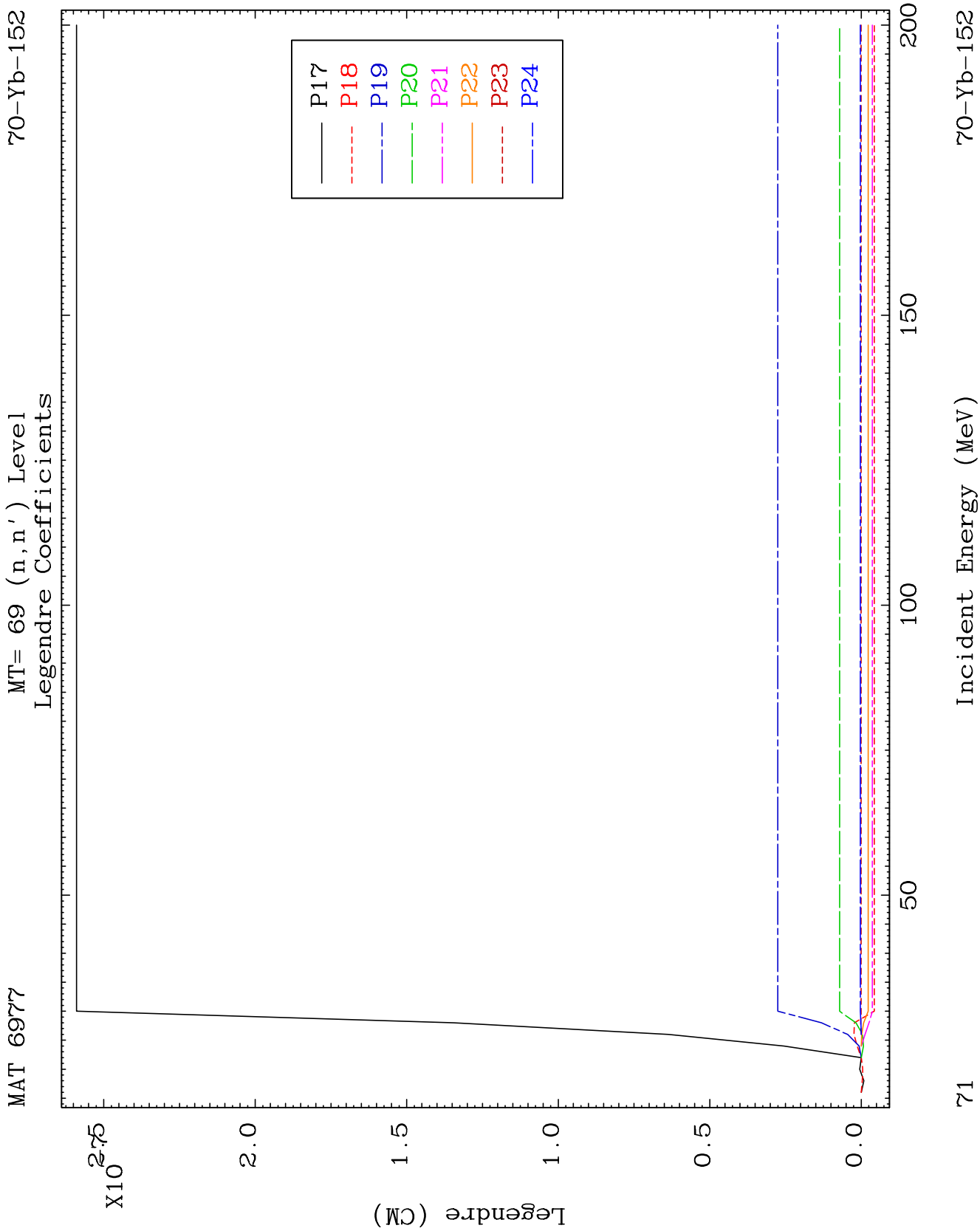


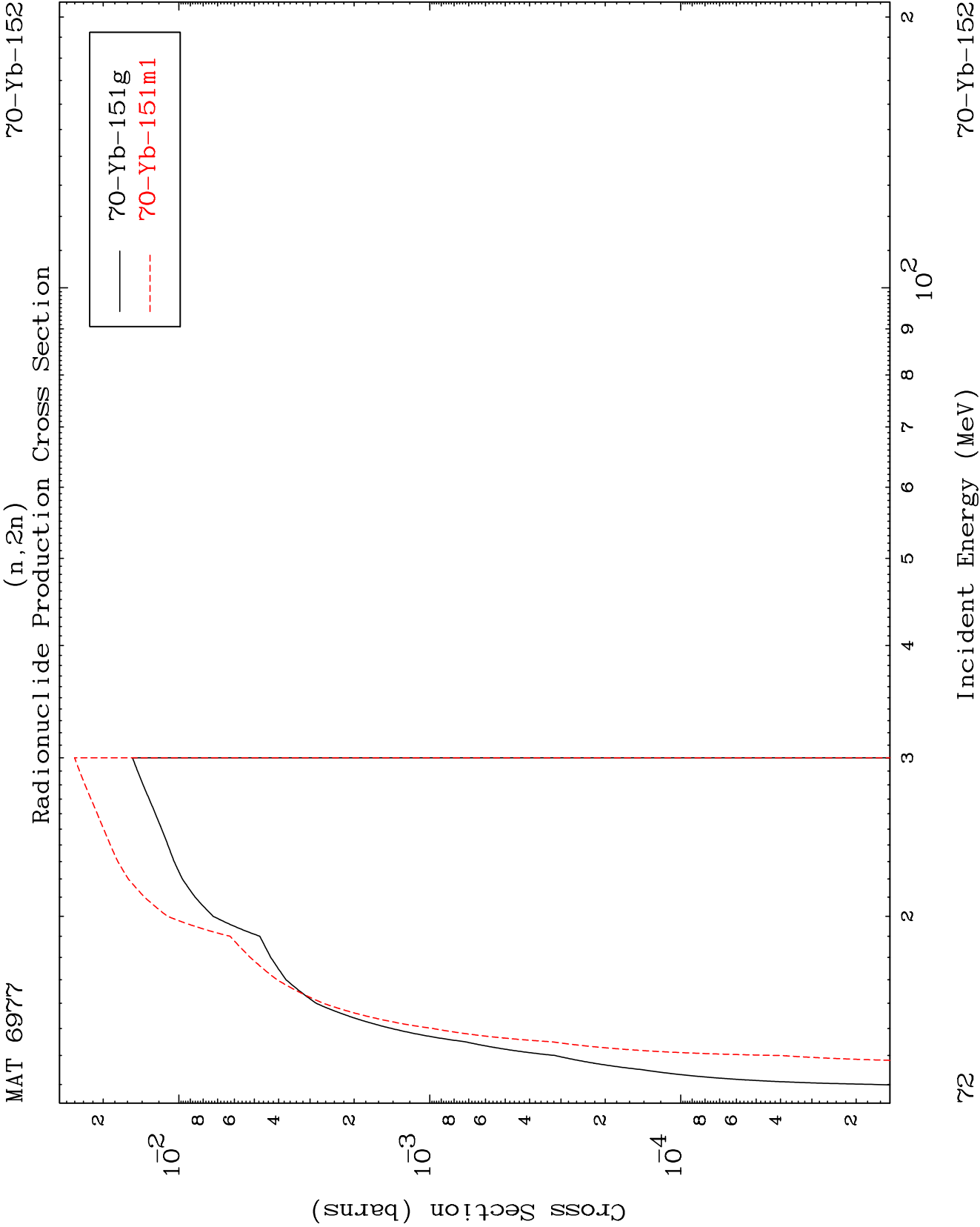
MAT 6977

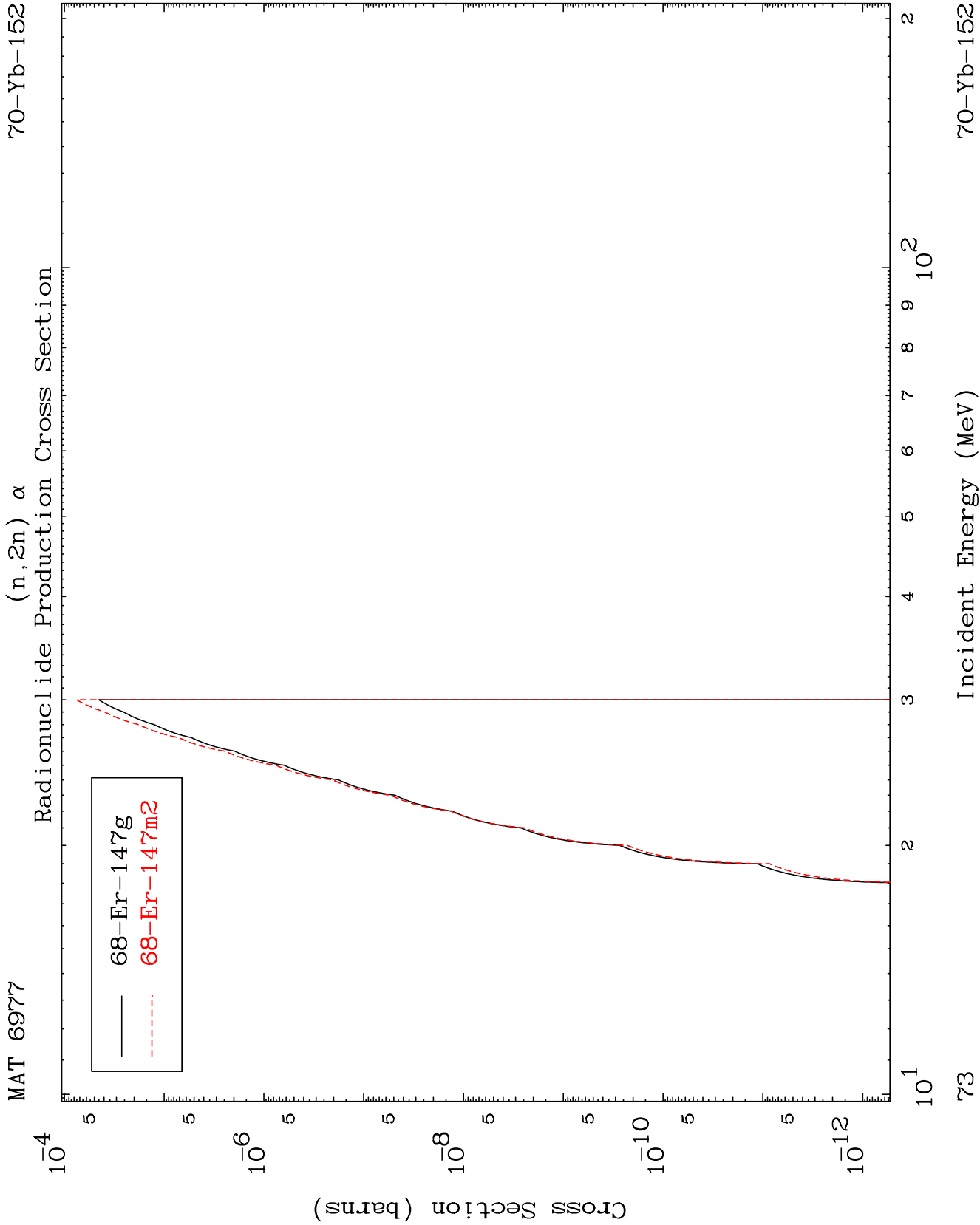
MT= 69 (n, n') Level
Legendre Coefficients

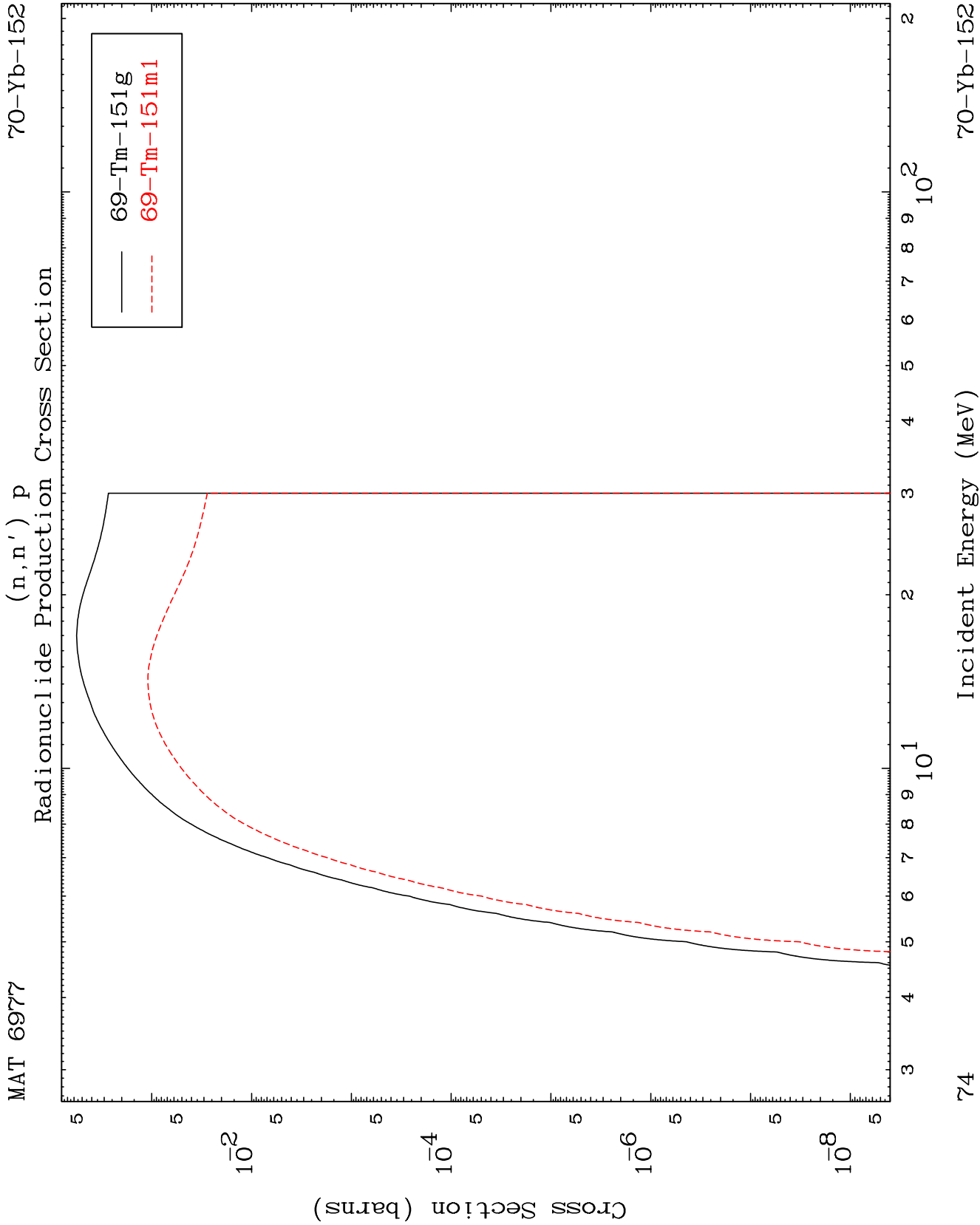
70-Yb-152

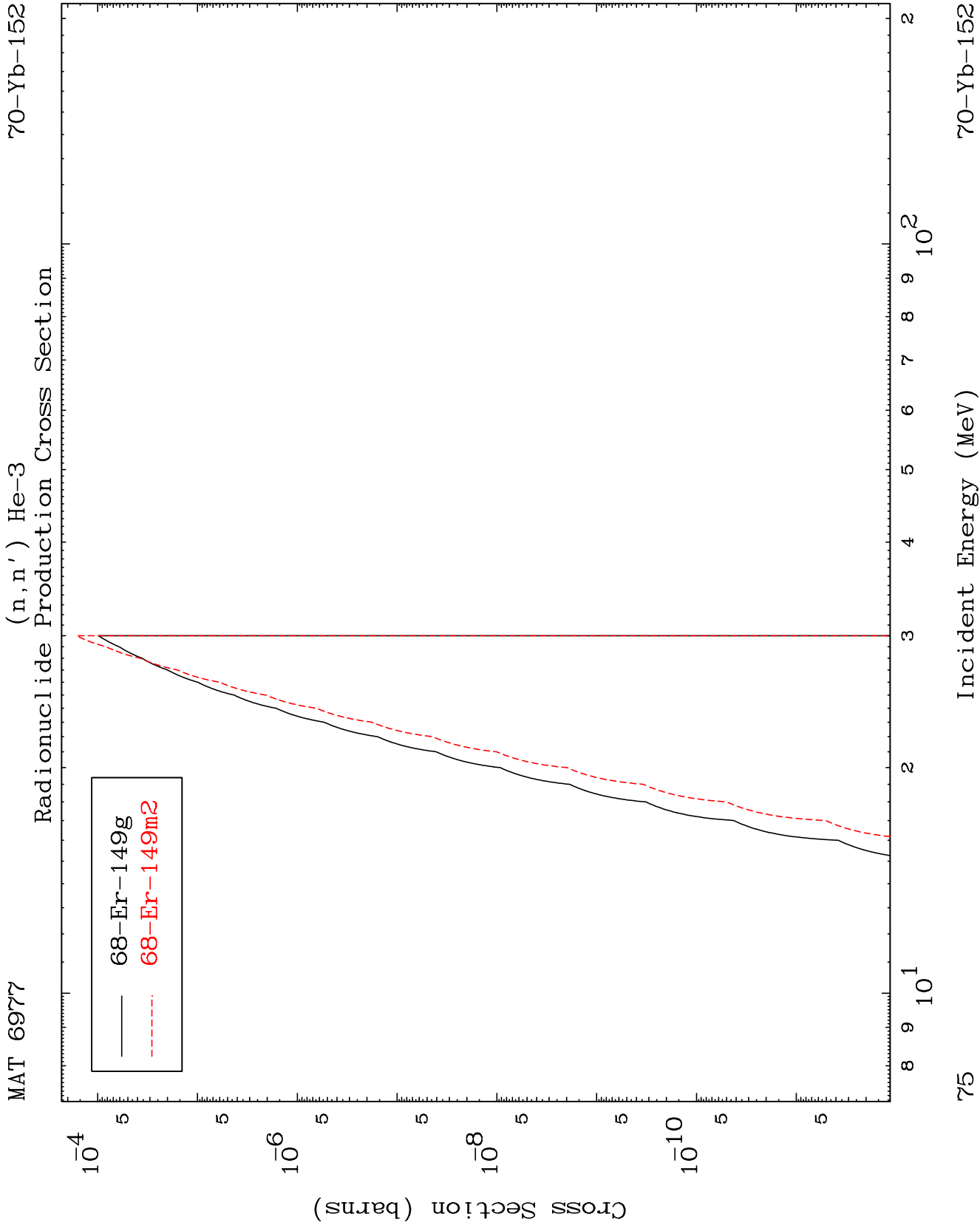




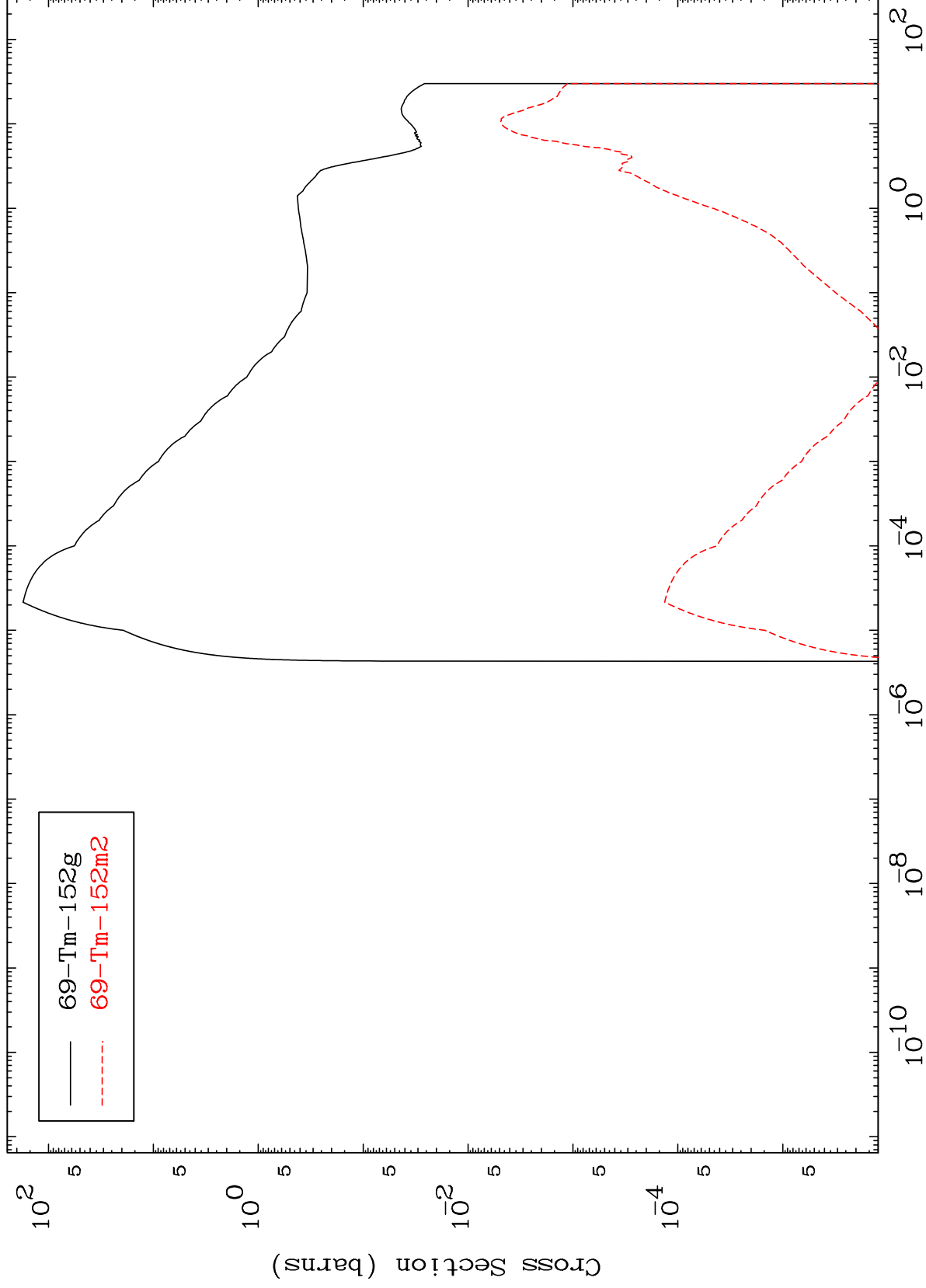


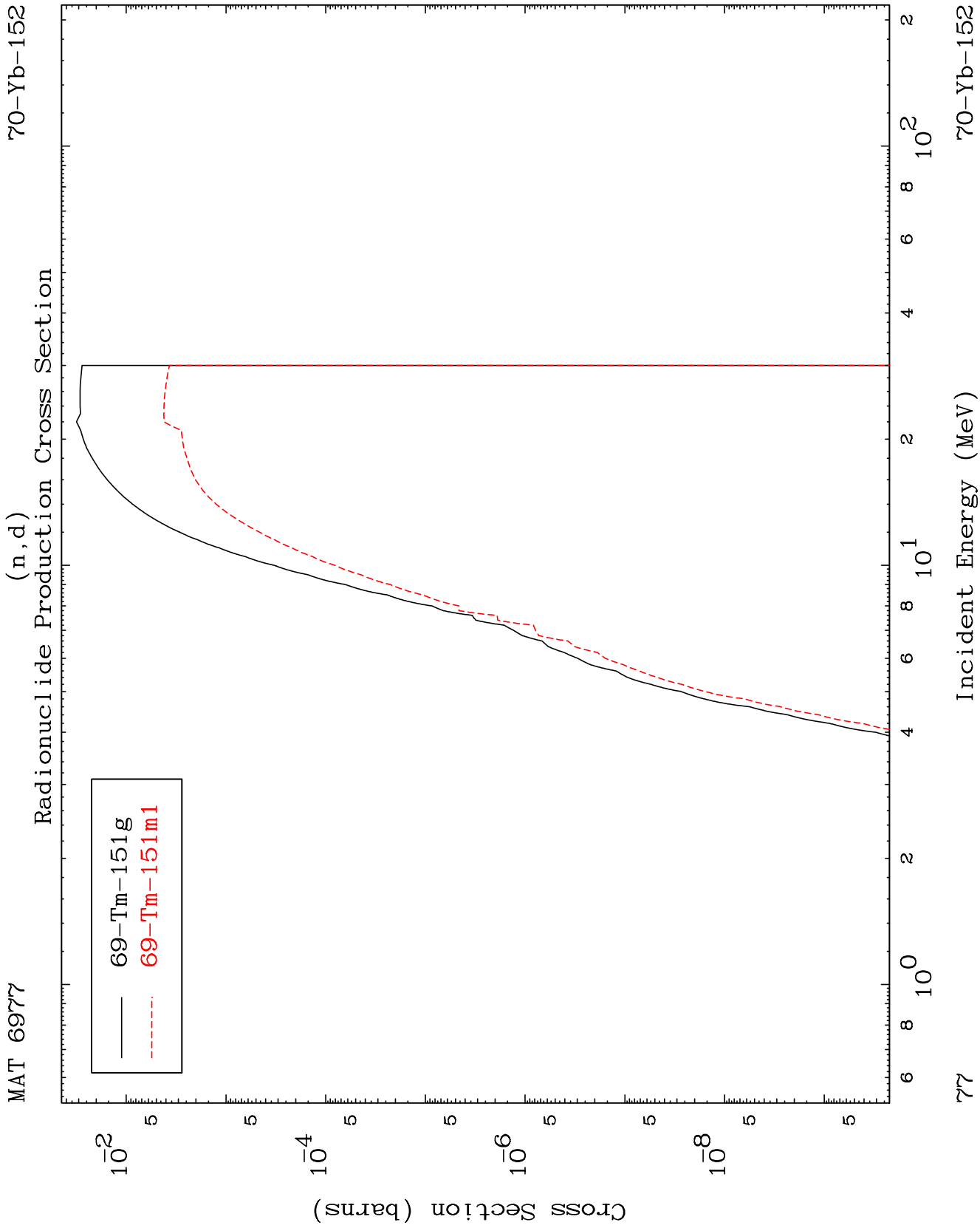




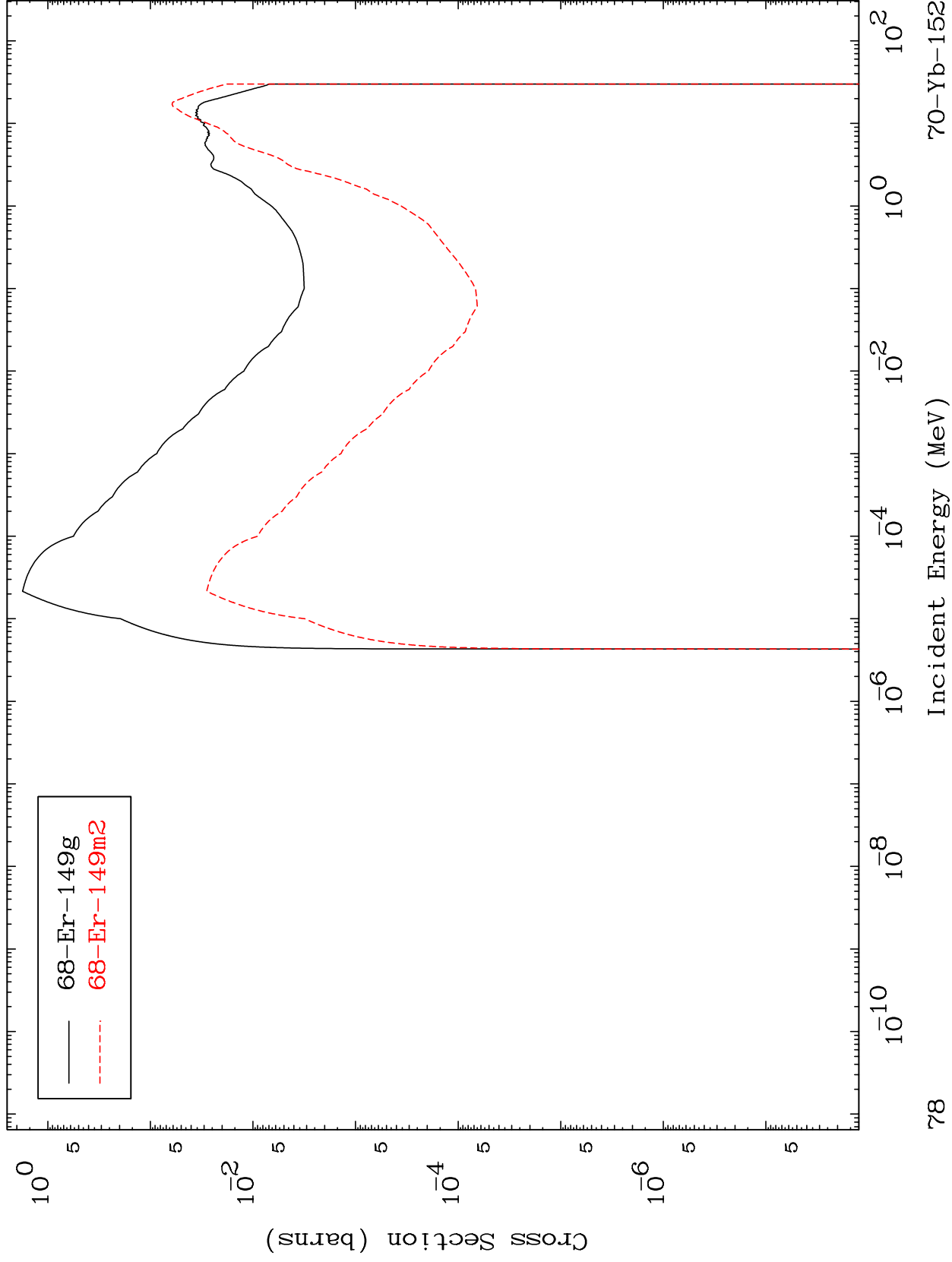


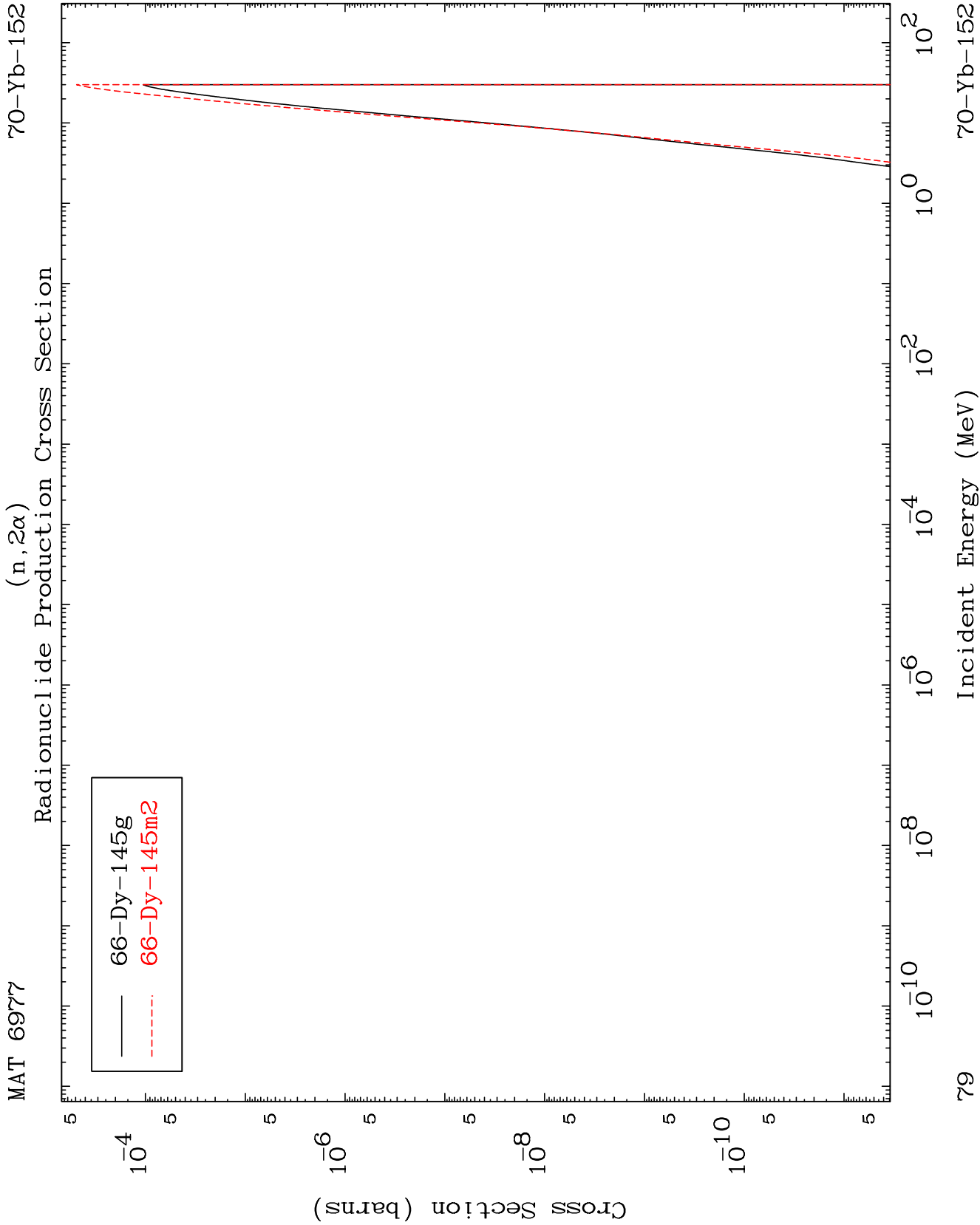
Radionuclide Production Cross Section (n,p)





Radionuclide Production Cross Section



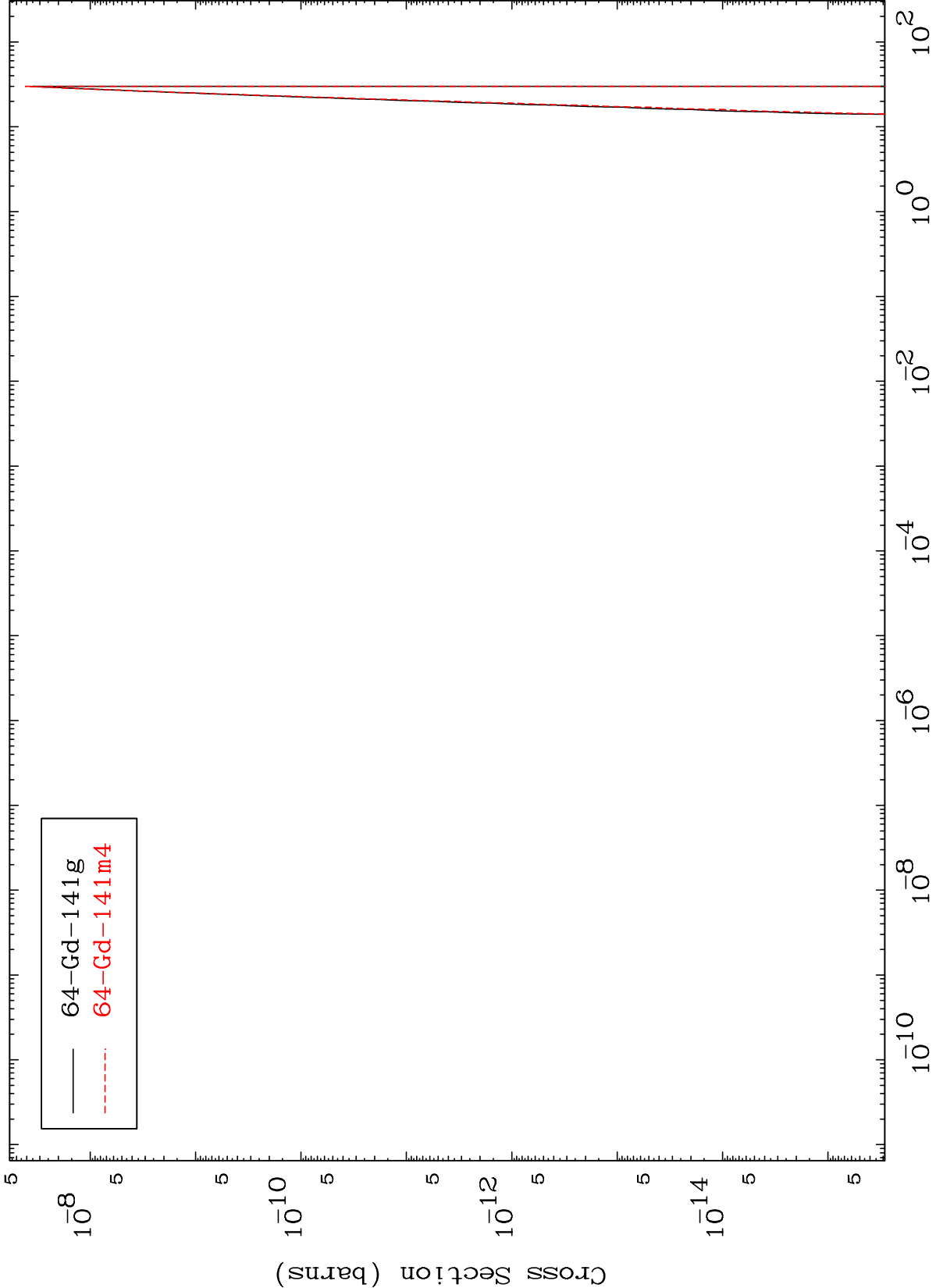


MAT 6977

(n,3α)

70-Yb-152

Radionuclide Production Cross Section



80

Incident Energy (MeV)

70-Yb-152

Radionuclide Production Cross Section
(n,p) α

