

Program EVALPLOT
(Version 2017-1)

by

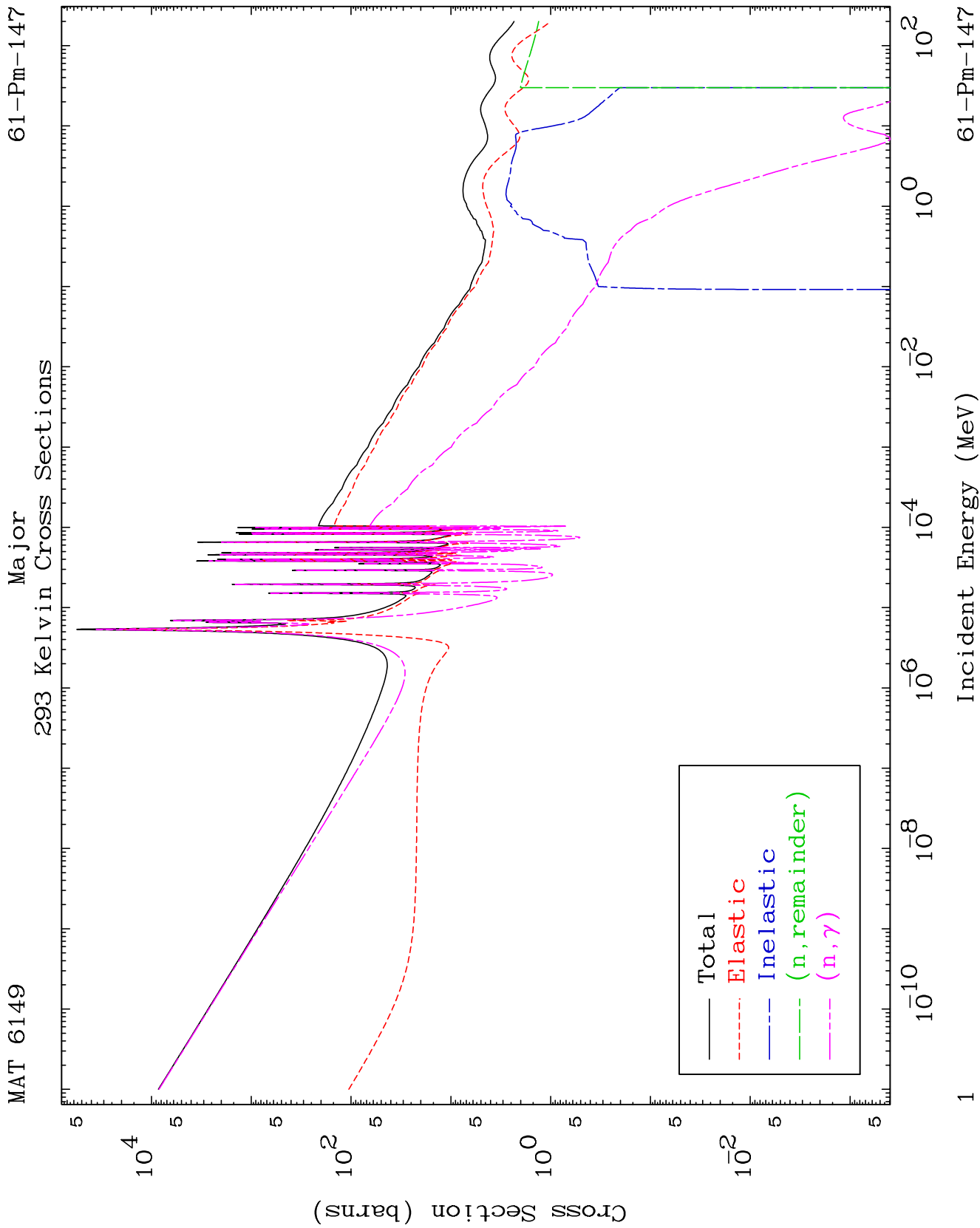
Dermott E. Cullen
(Present Contact Information)

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

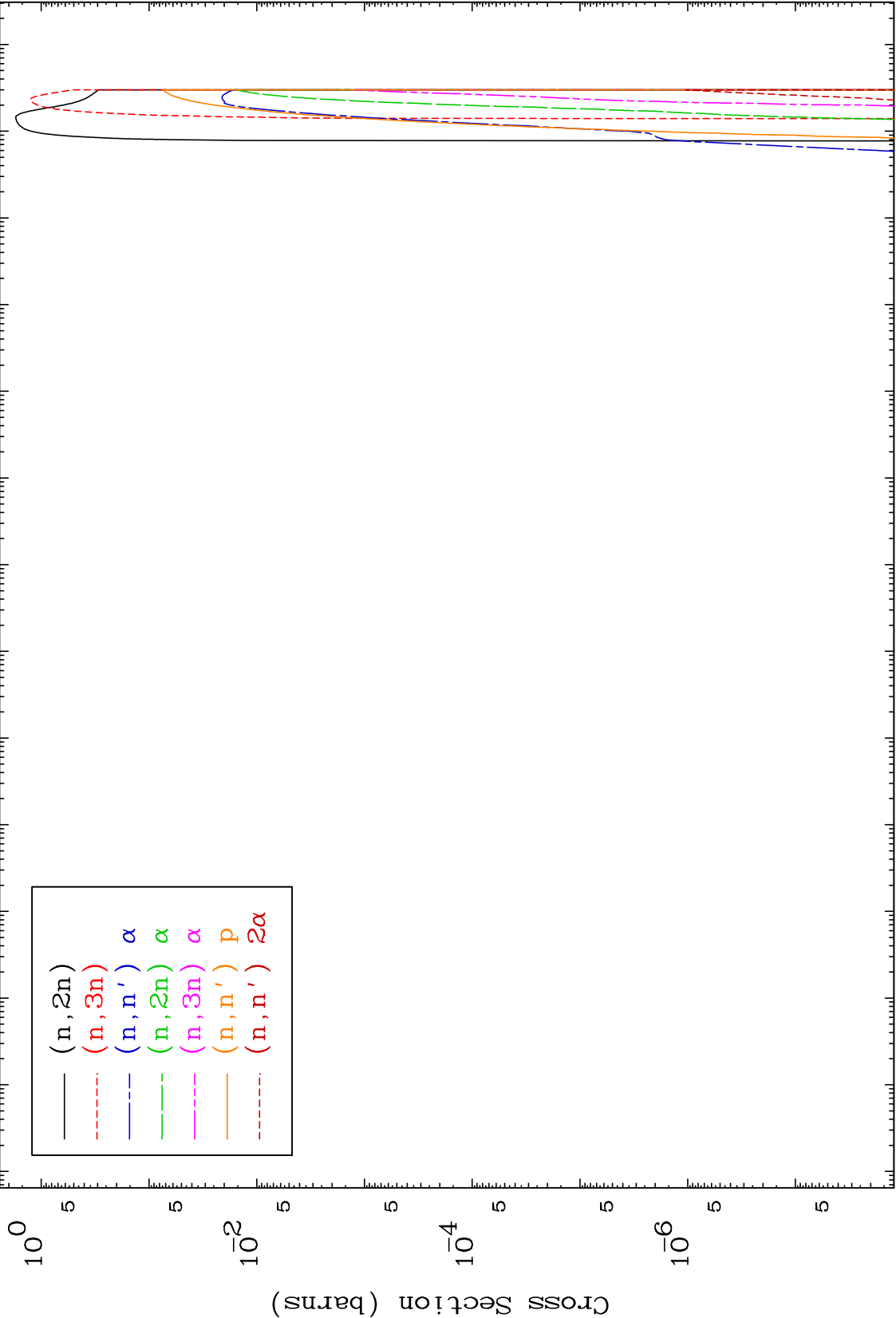
Press Mouse Button to Start

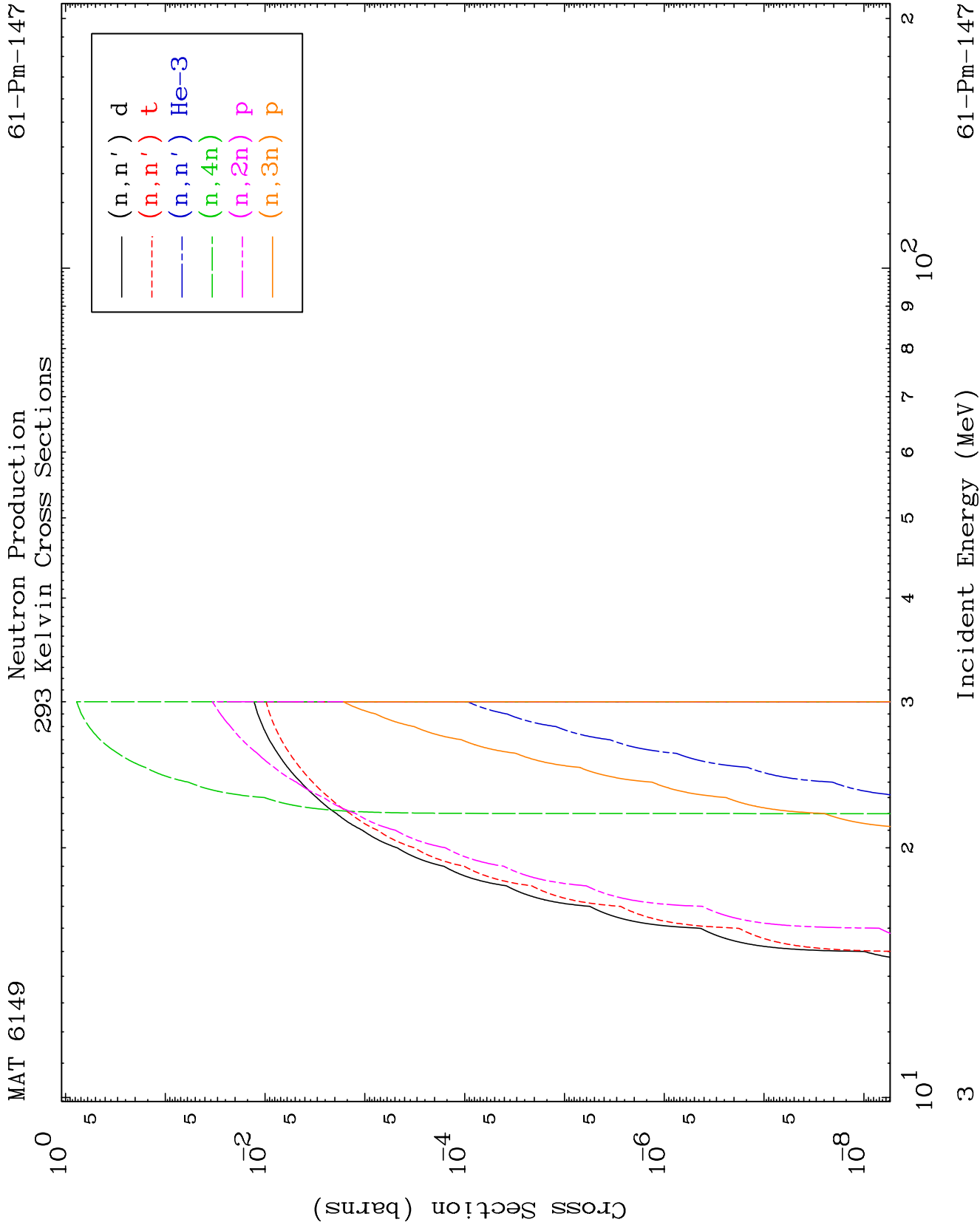


MAT 6149

Neutron Production
293 Kelvin Cross Sections

61-Pm-147

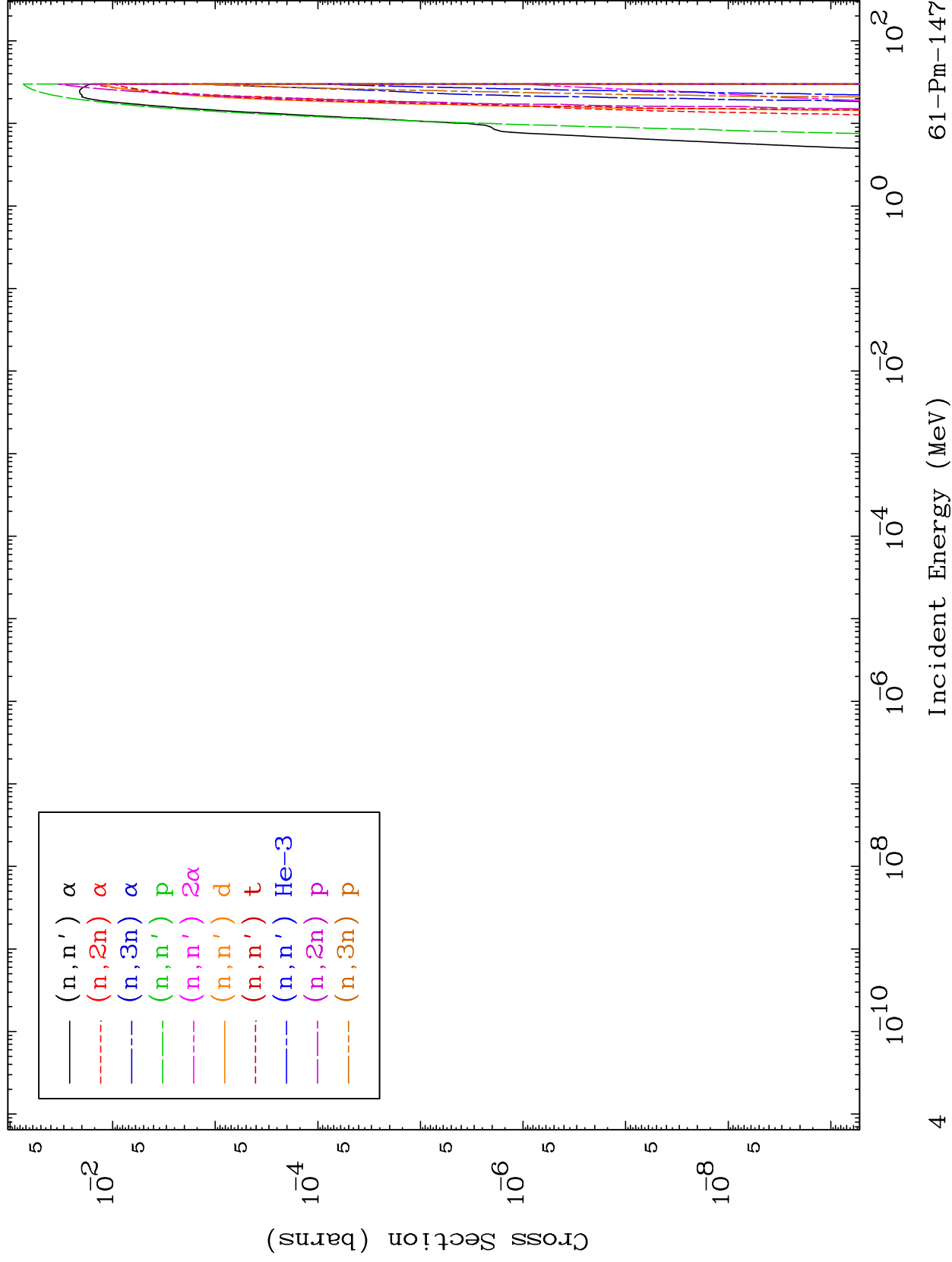


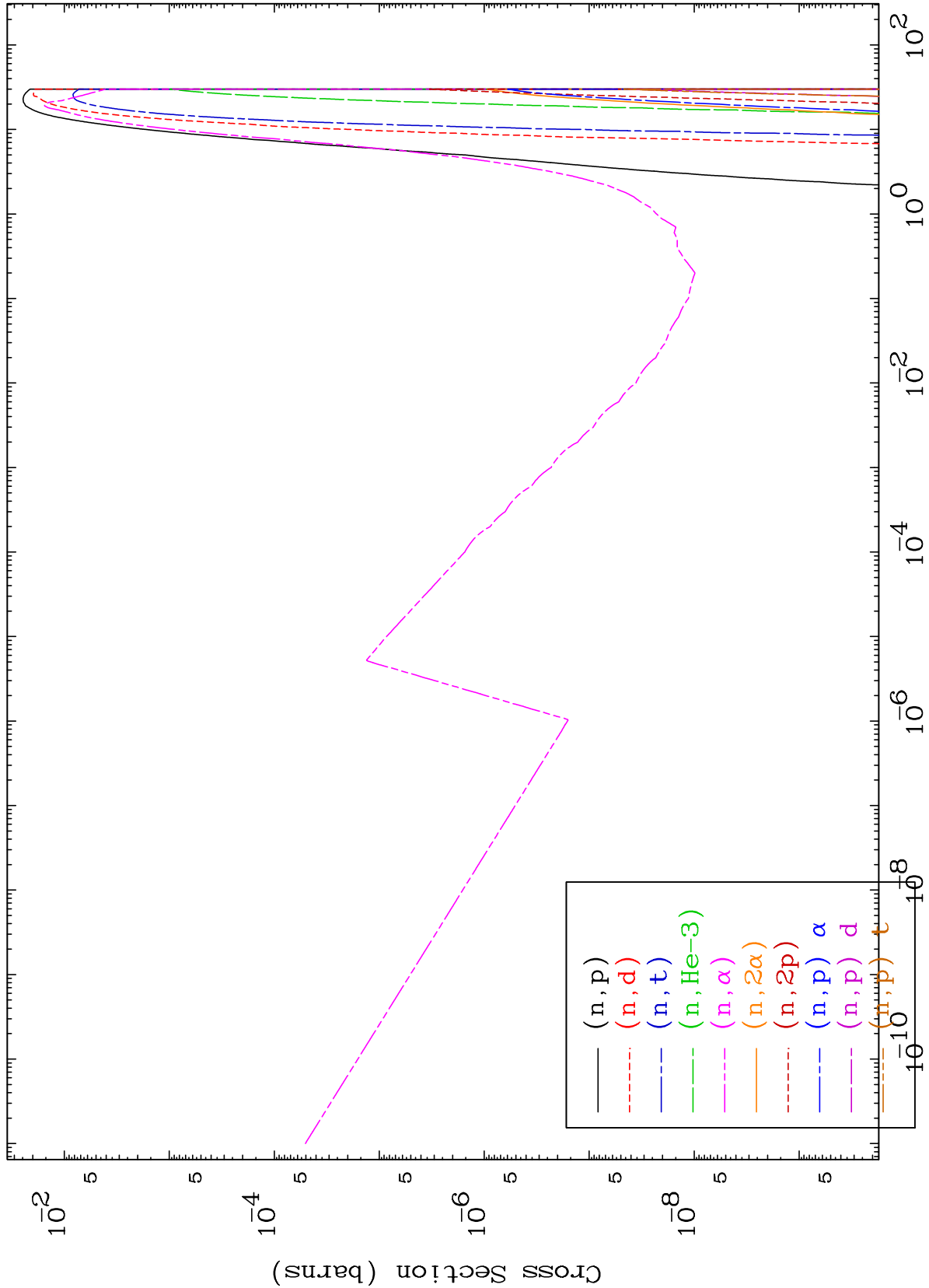


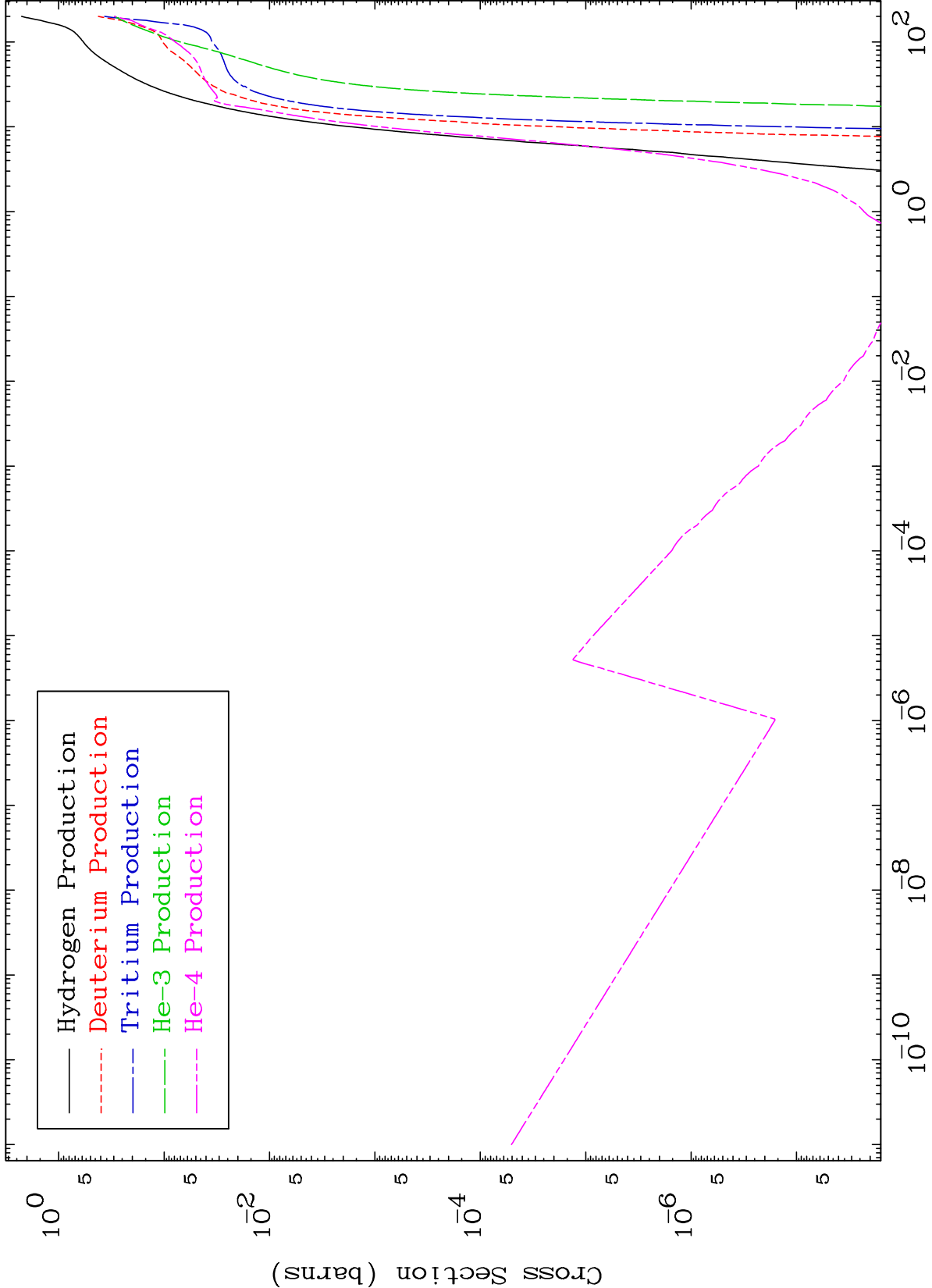
MAT 6149

Charged Particle
293 Kelvin Cross Sections

61-Pm-147





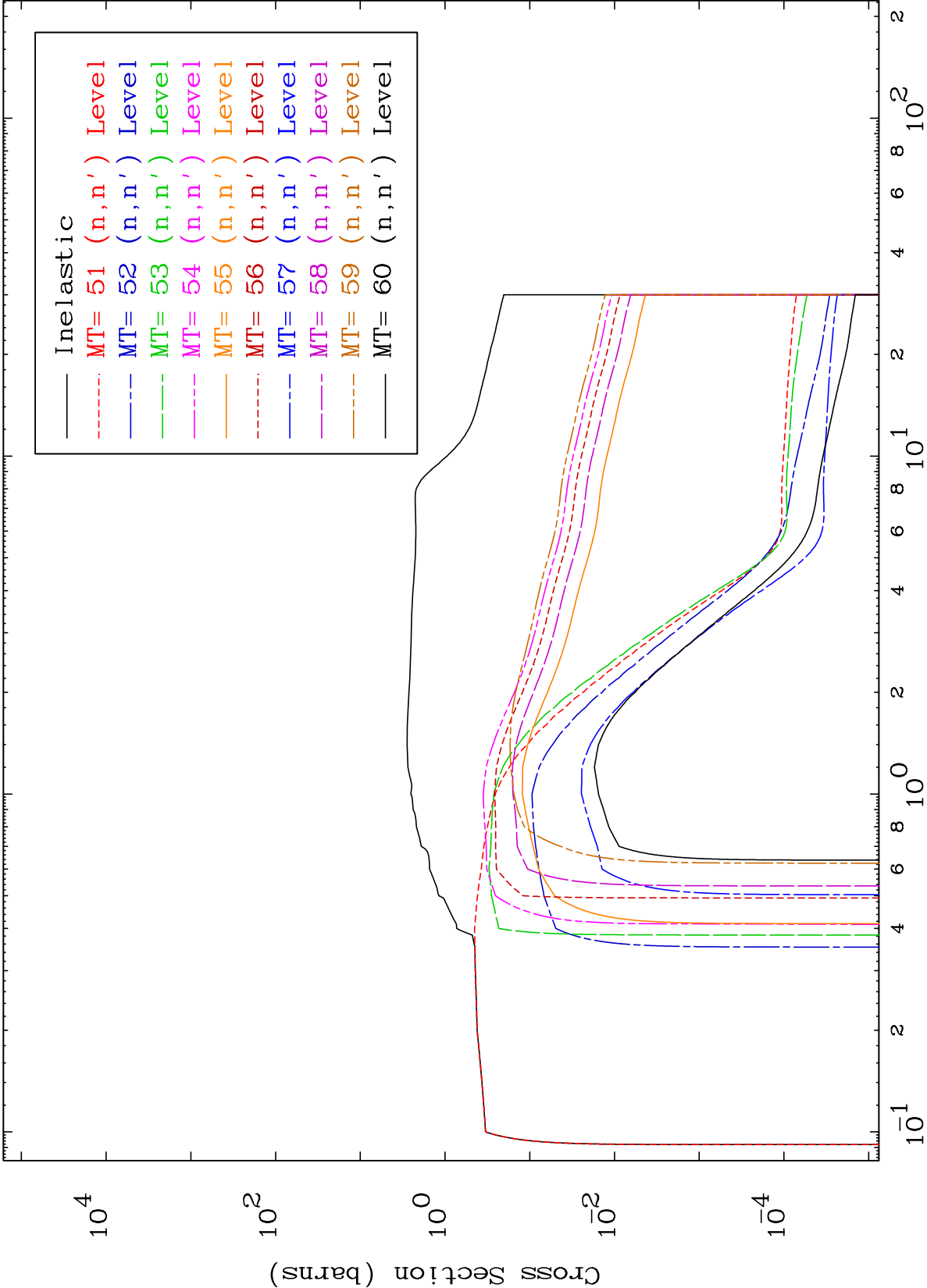


MAT 6149

(n,n') Level

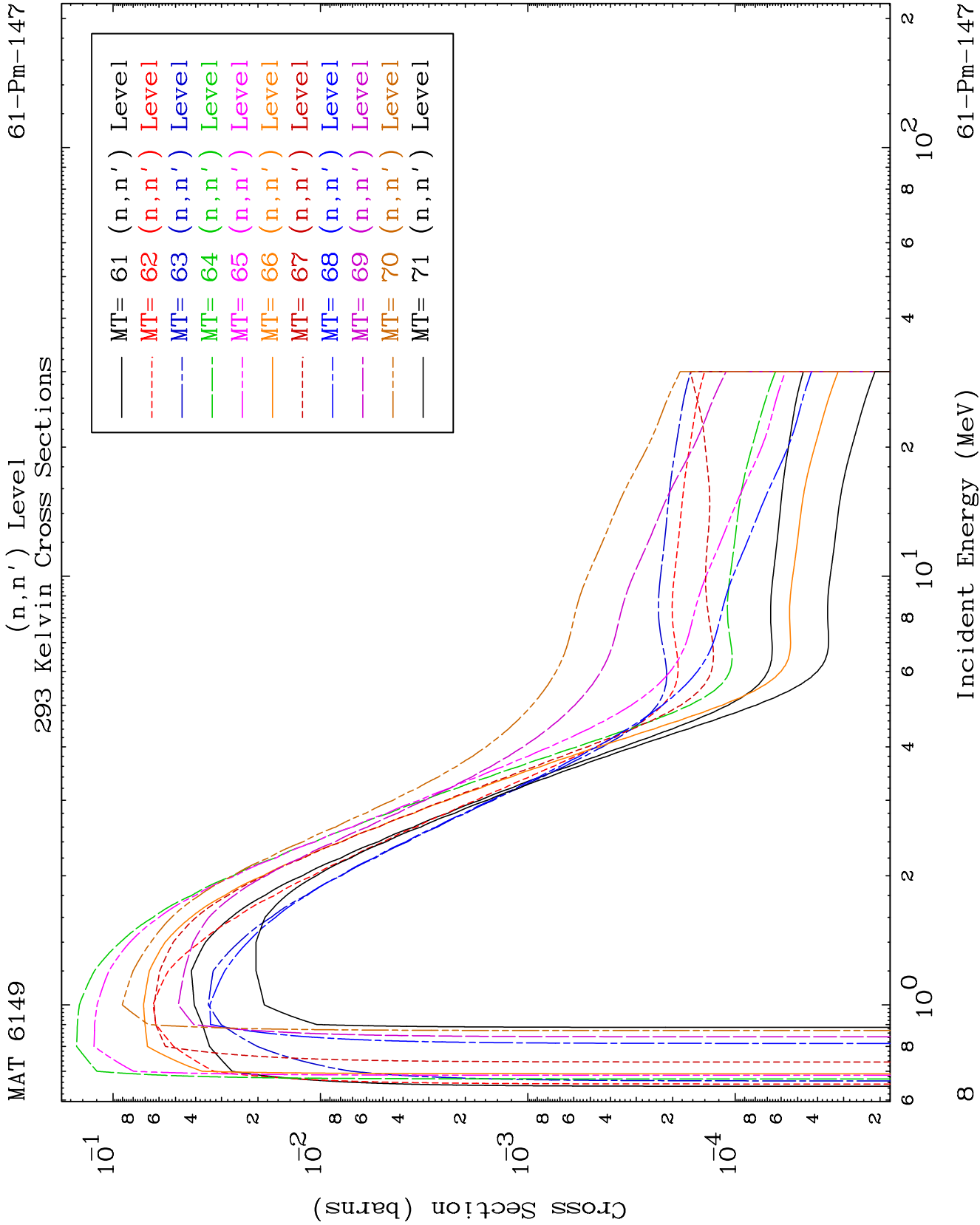
61-Pm-147

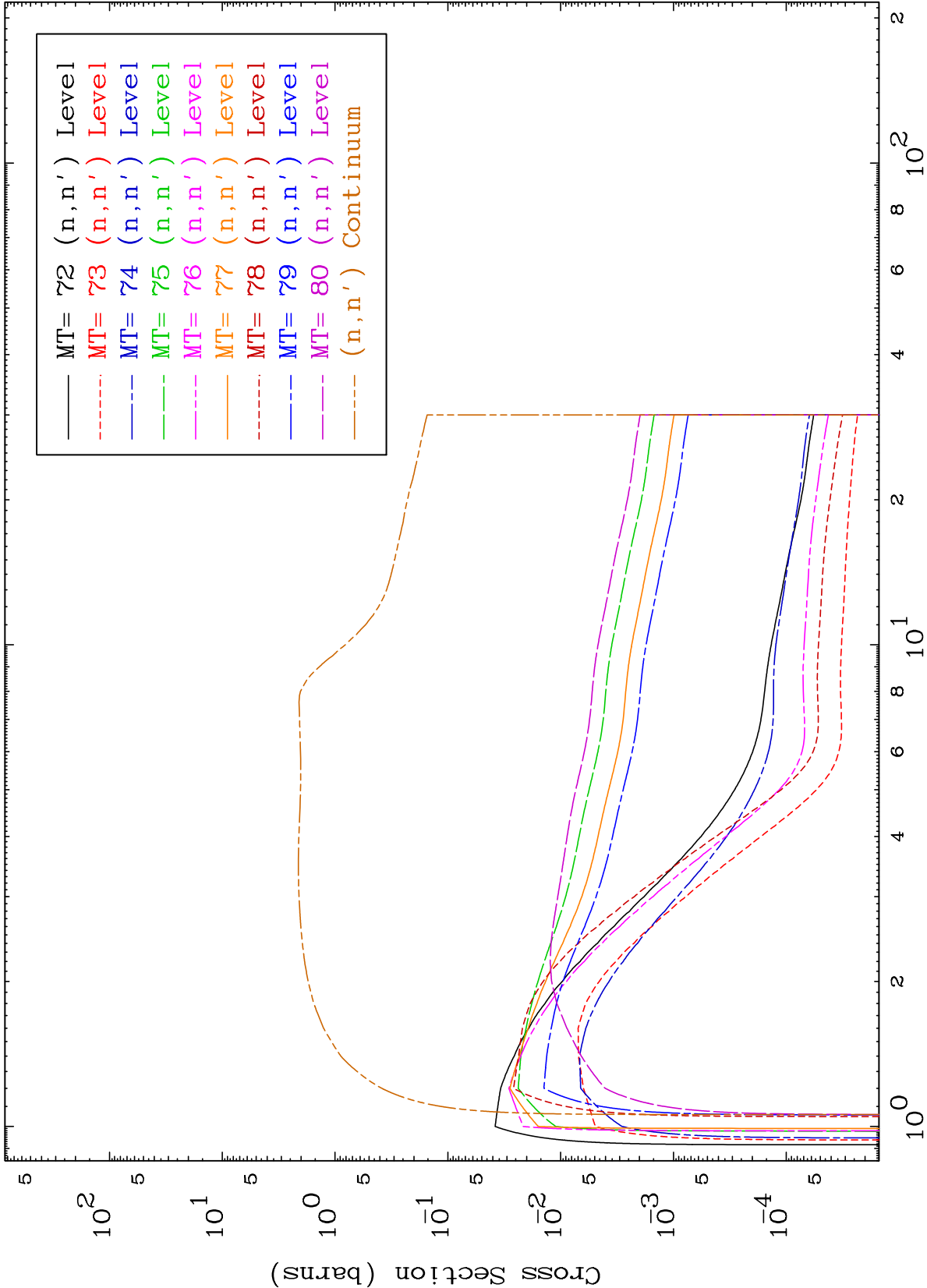
293 Kelvin Cross Sections



Incident Energy (MeV)

61-Pm-147

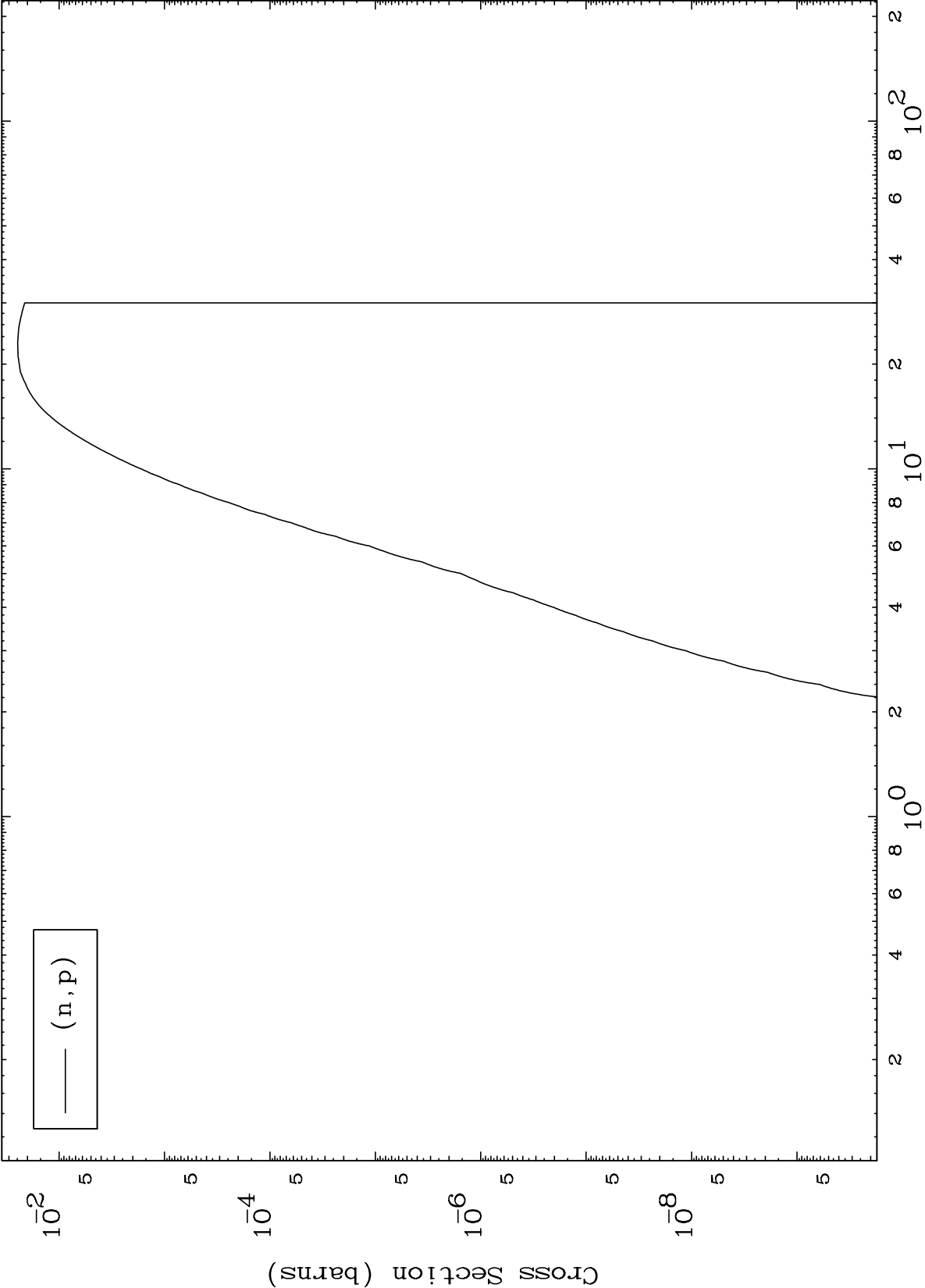




MAT 6149

(n,p) Levels
293 Kelvin Cross Sections

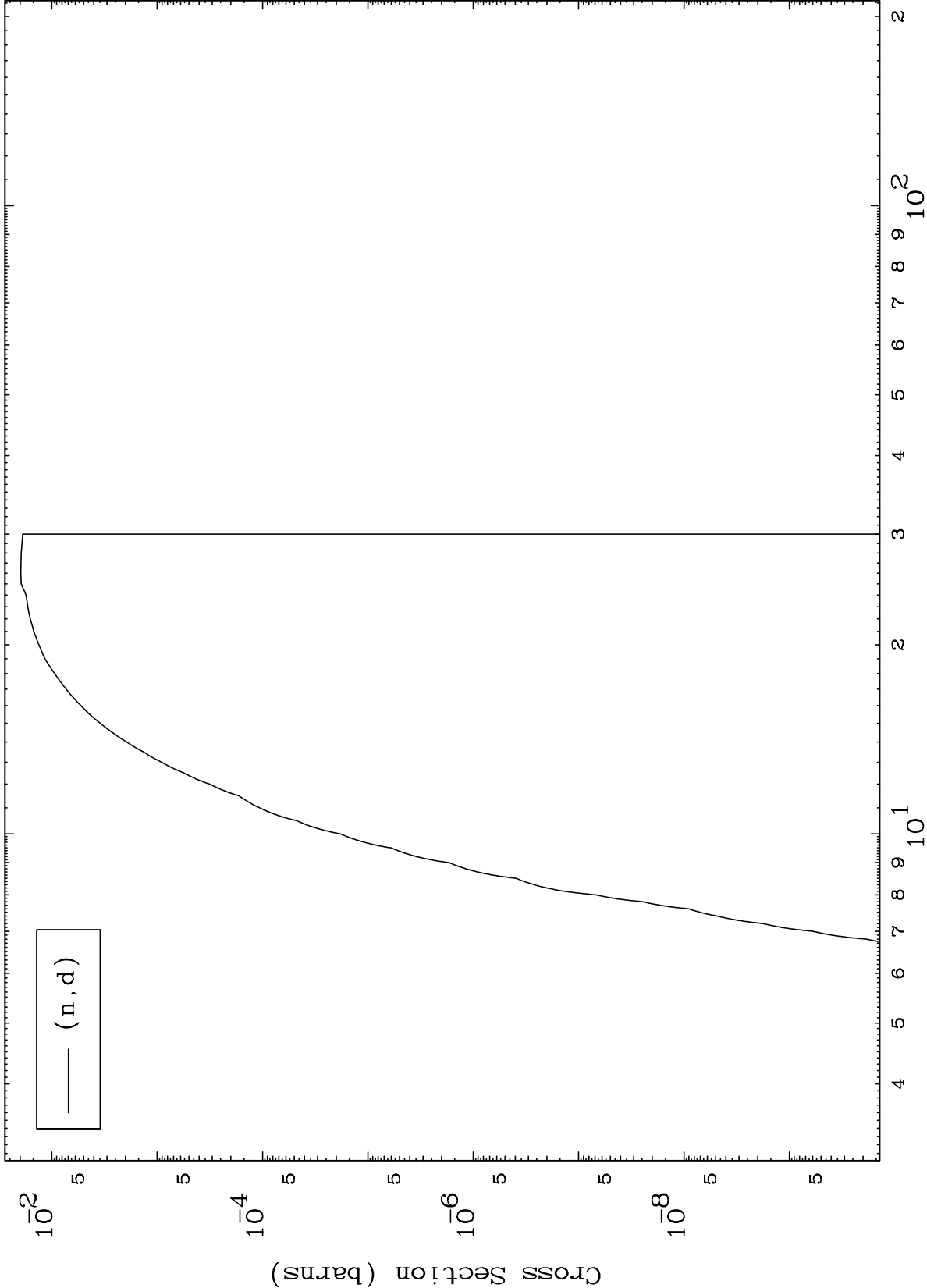
61-Pm-147

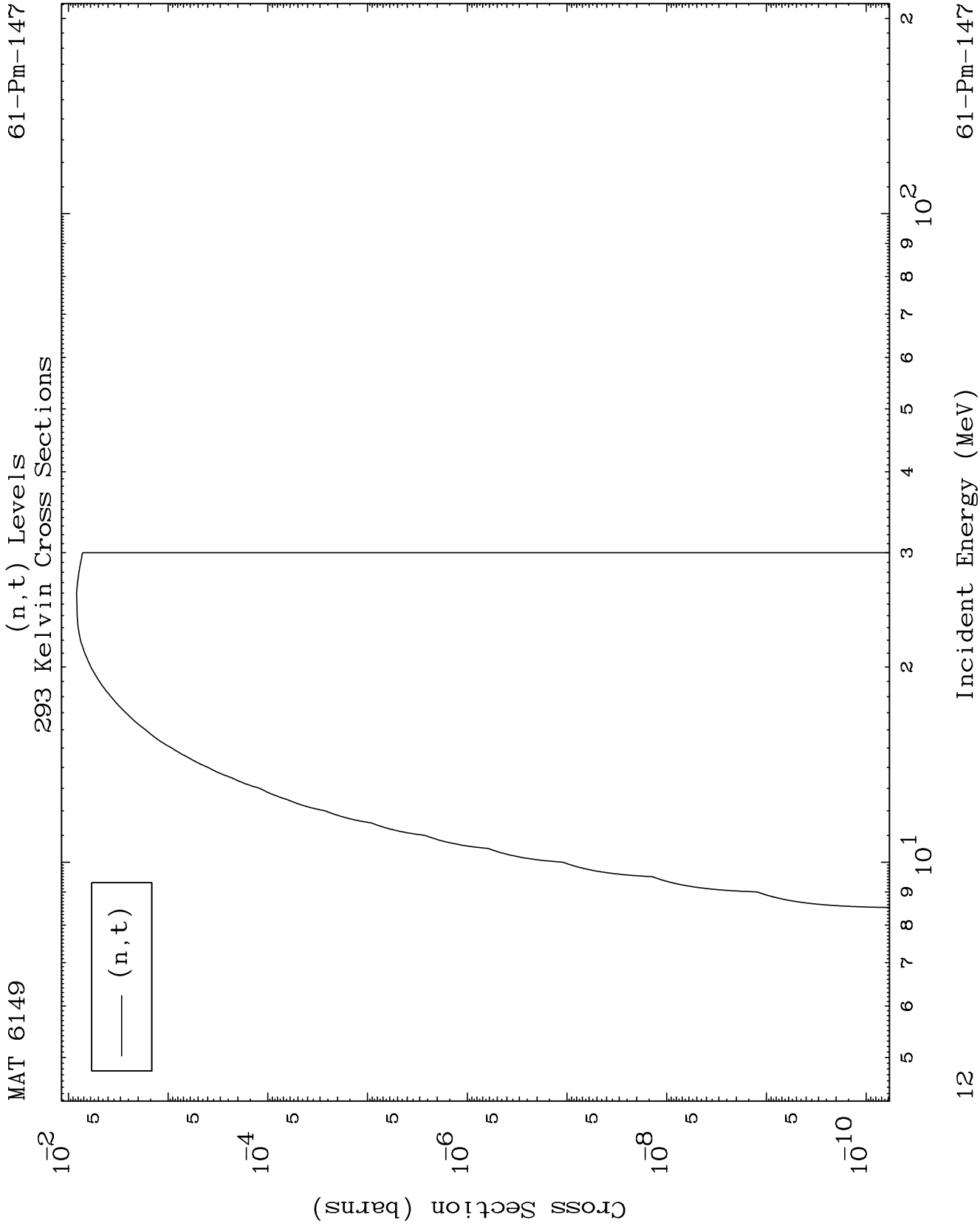


10

Incident Energy (MeV)

61-Pm-147

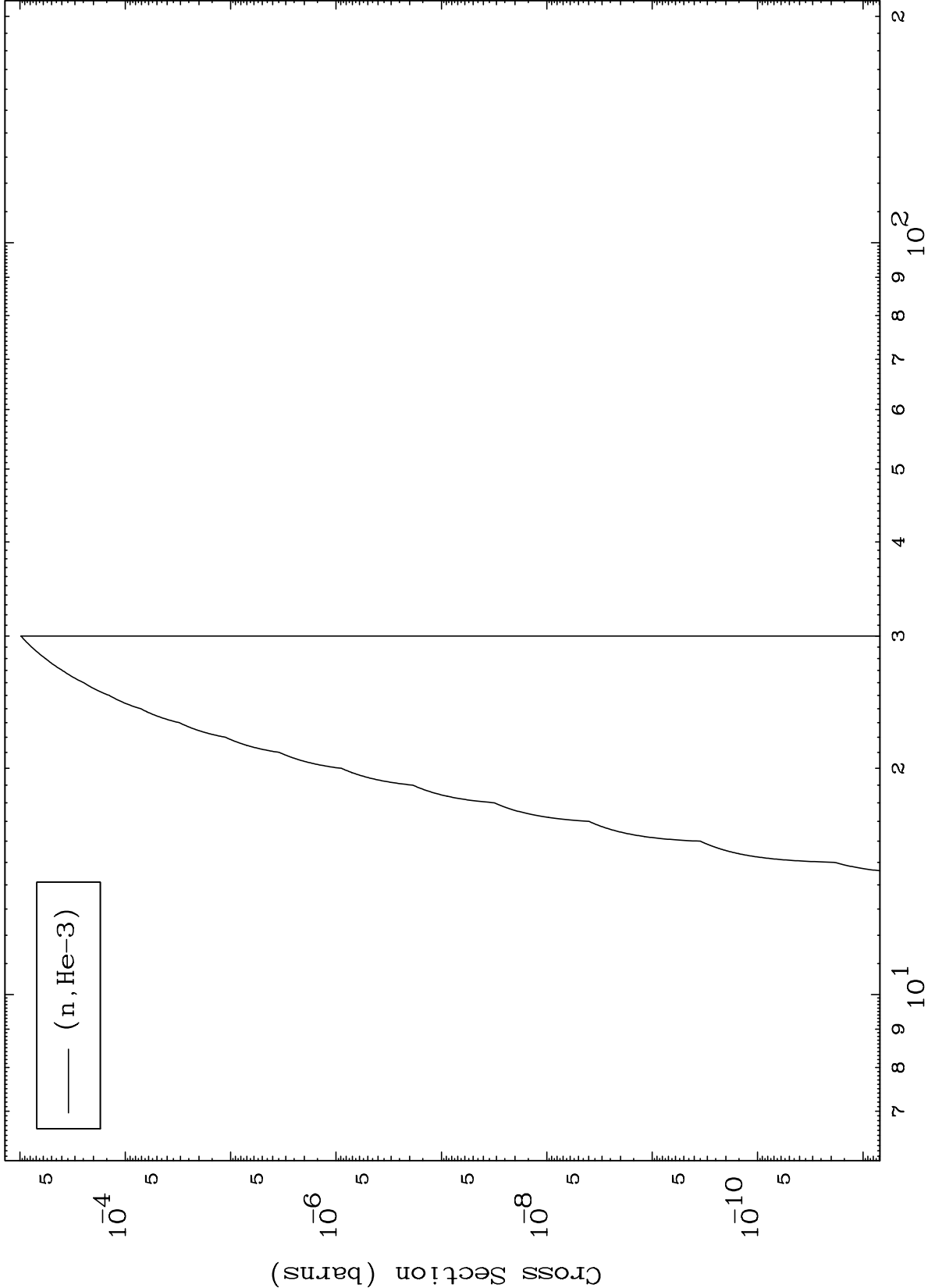




MAT 6149

(n,He3) Levels
293 Kelvin Cross Sections

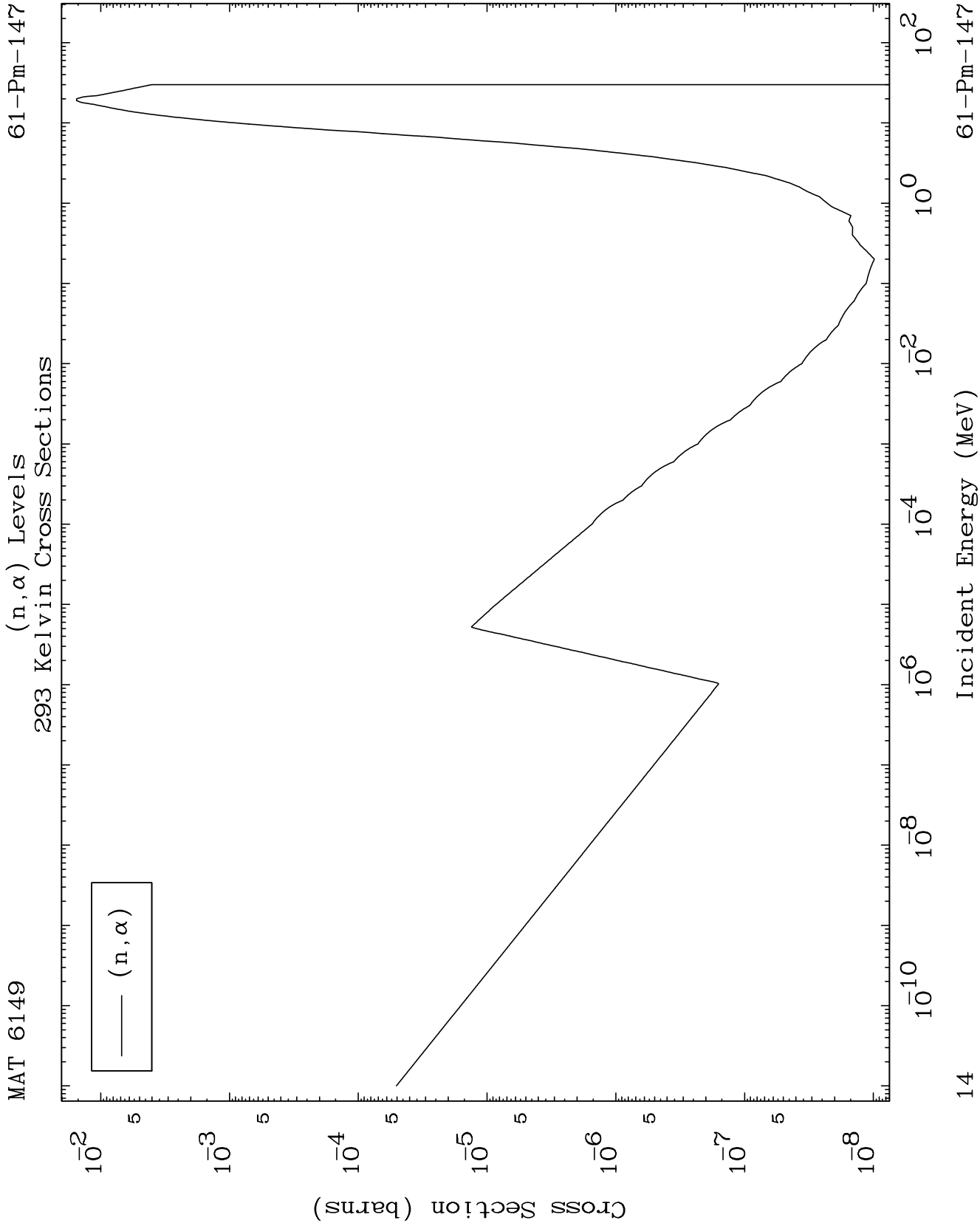
61-Pm-147

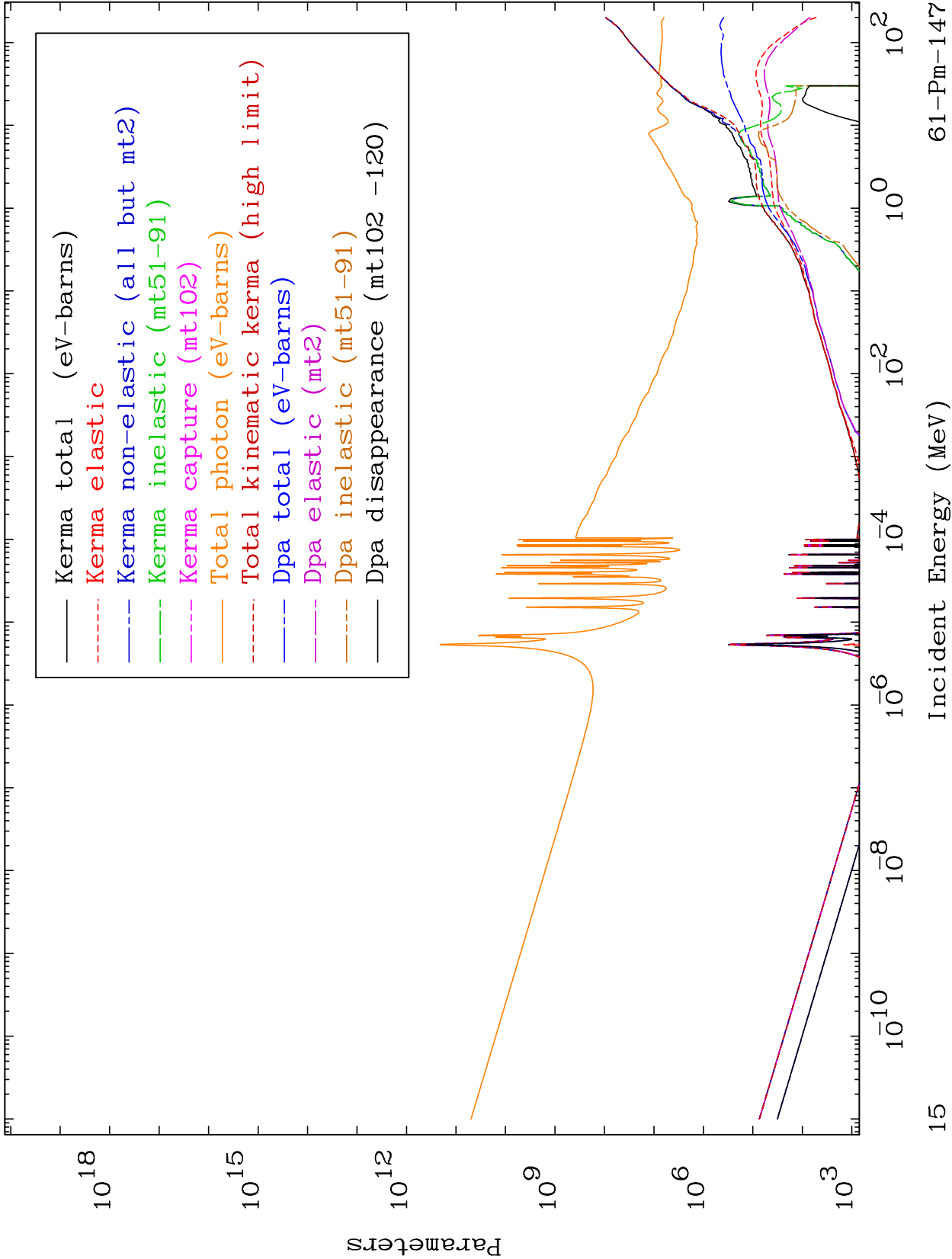


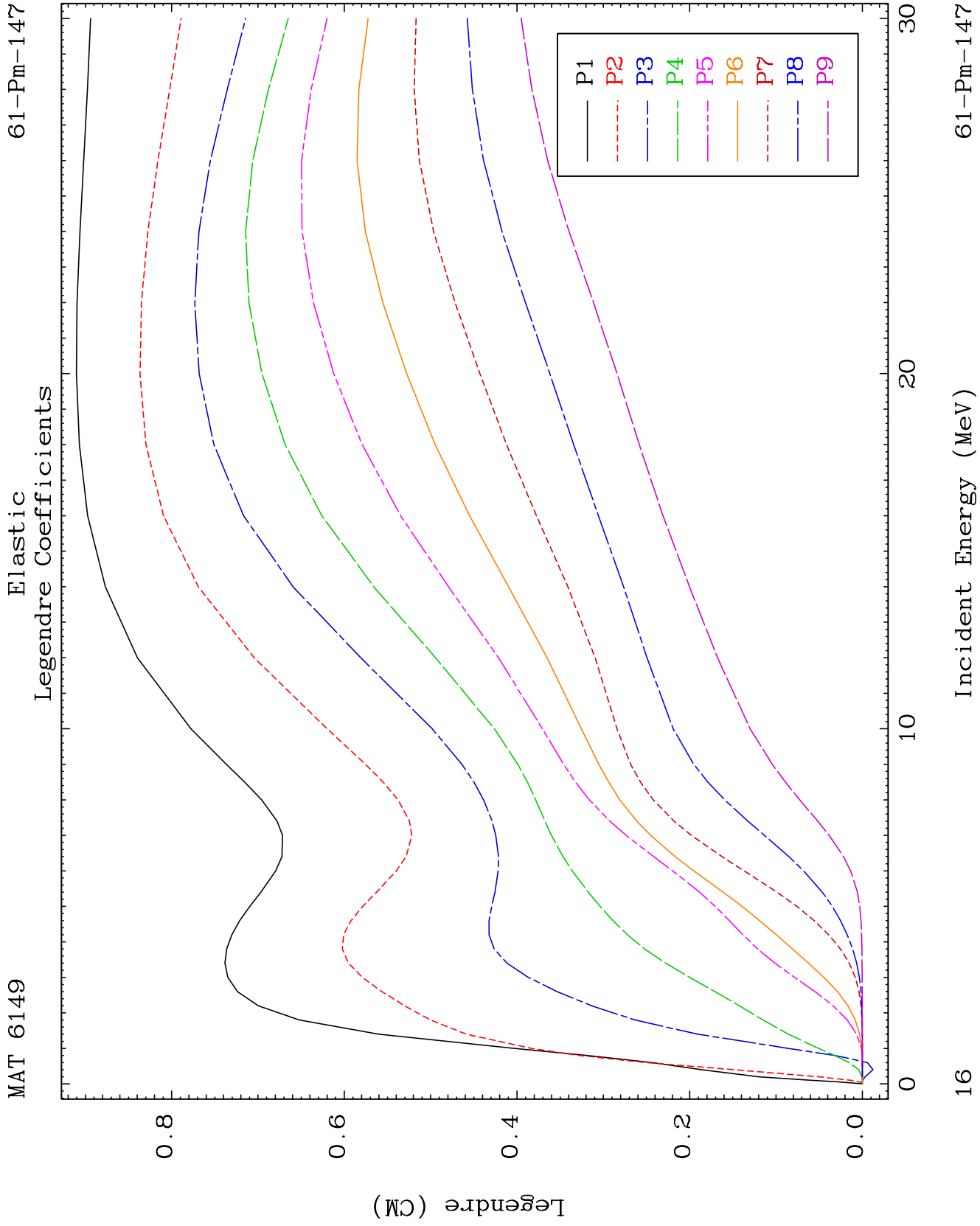
13

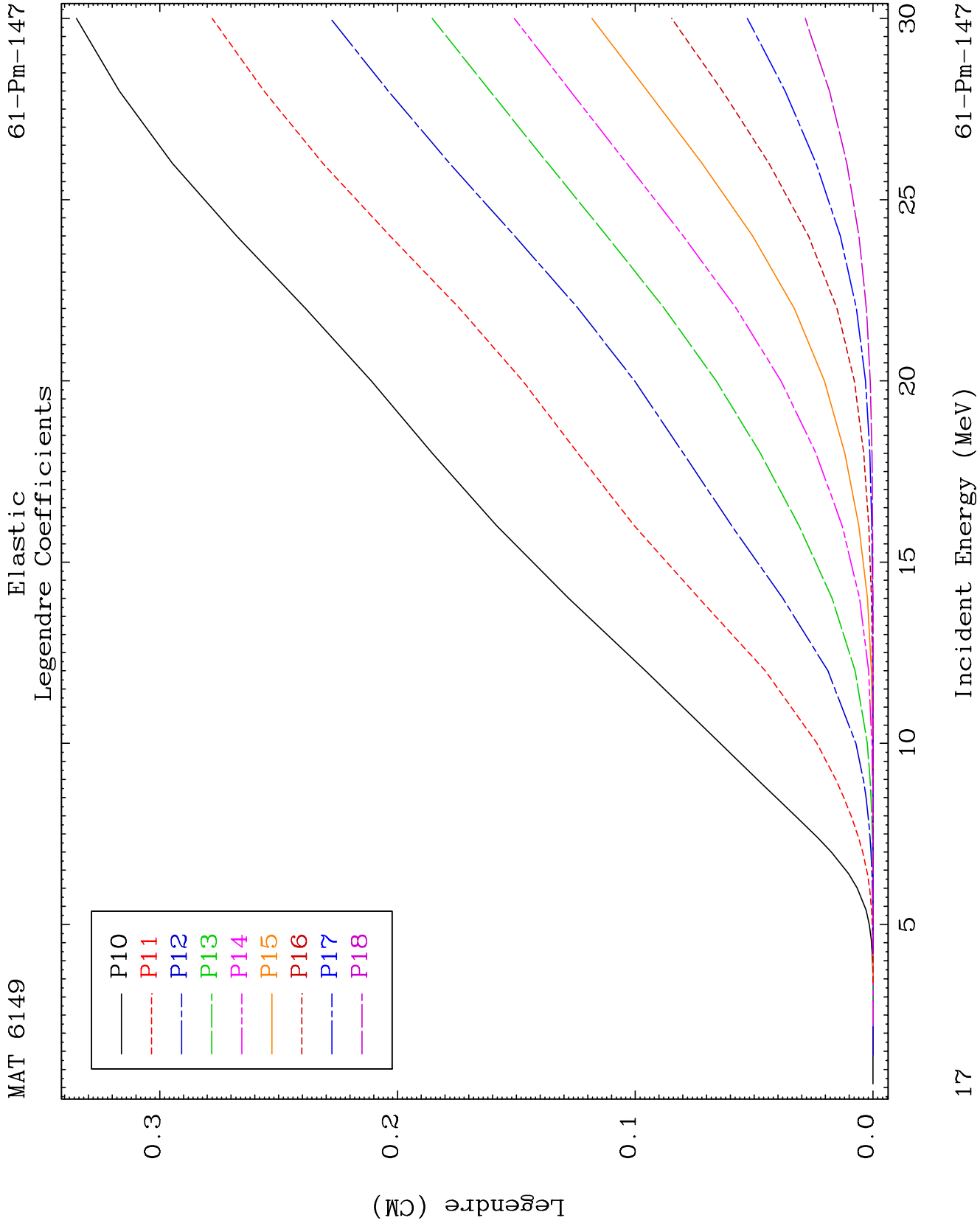
Incident Energy (MeV)

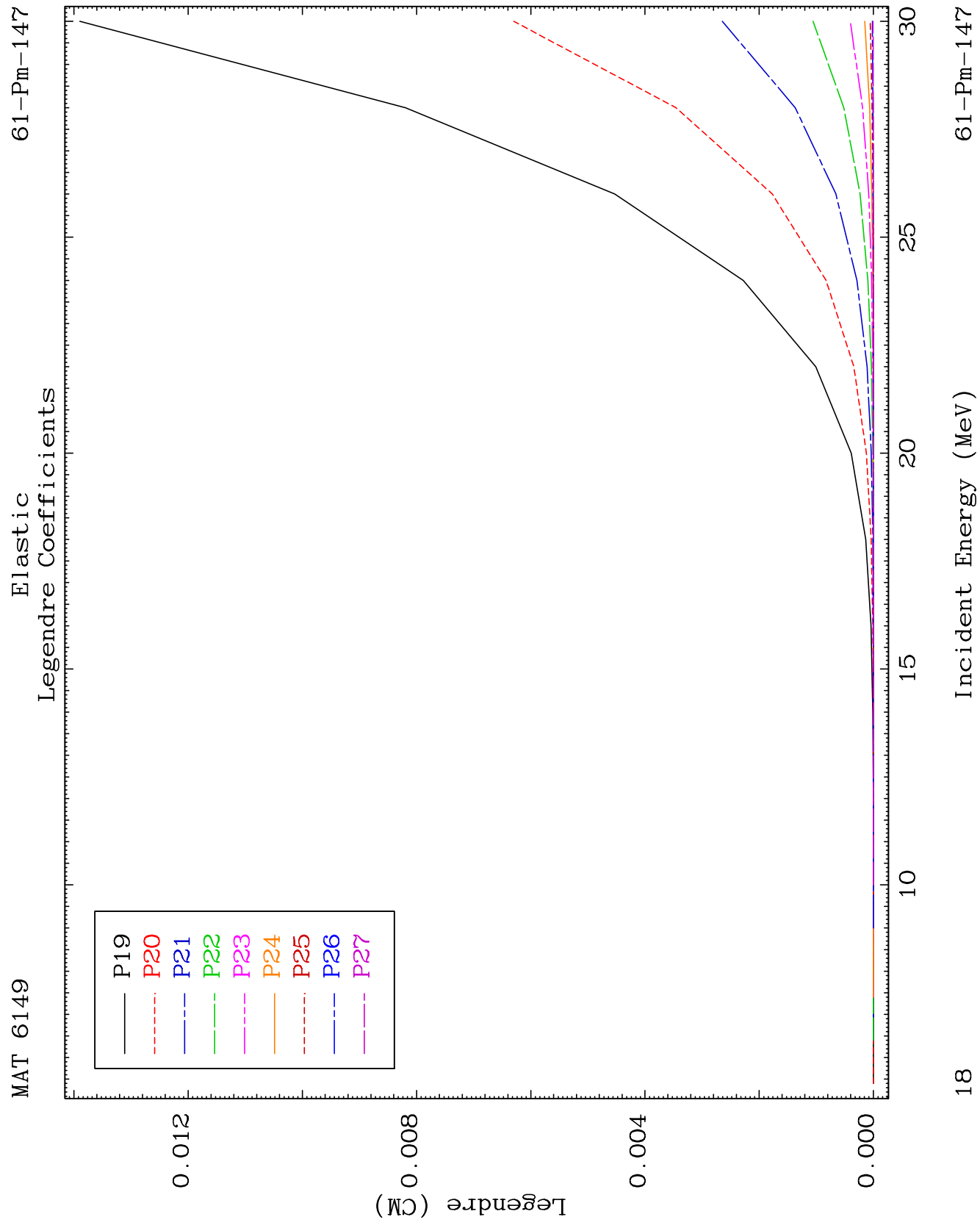
61-Pm-147







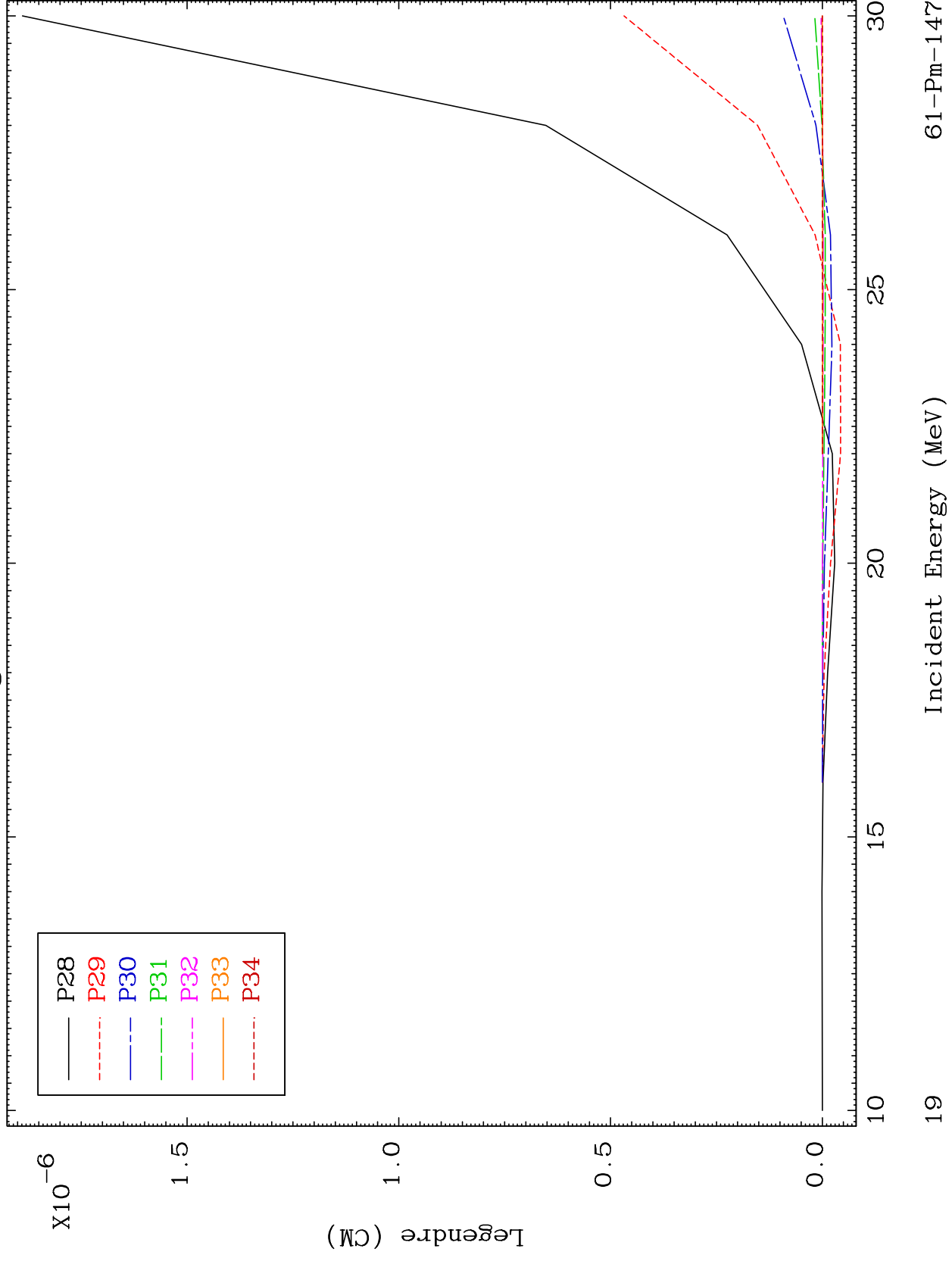




MAT 6149

Elastic Legendre Coefficients

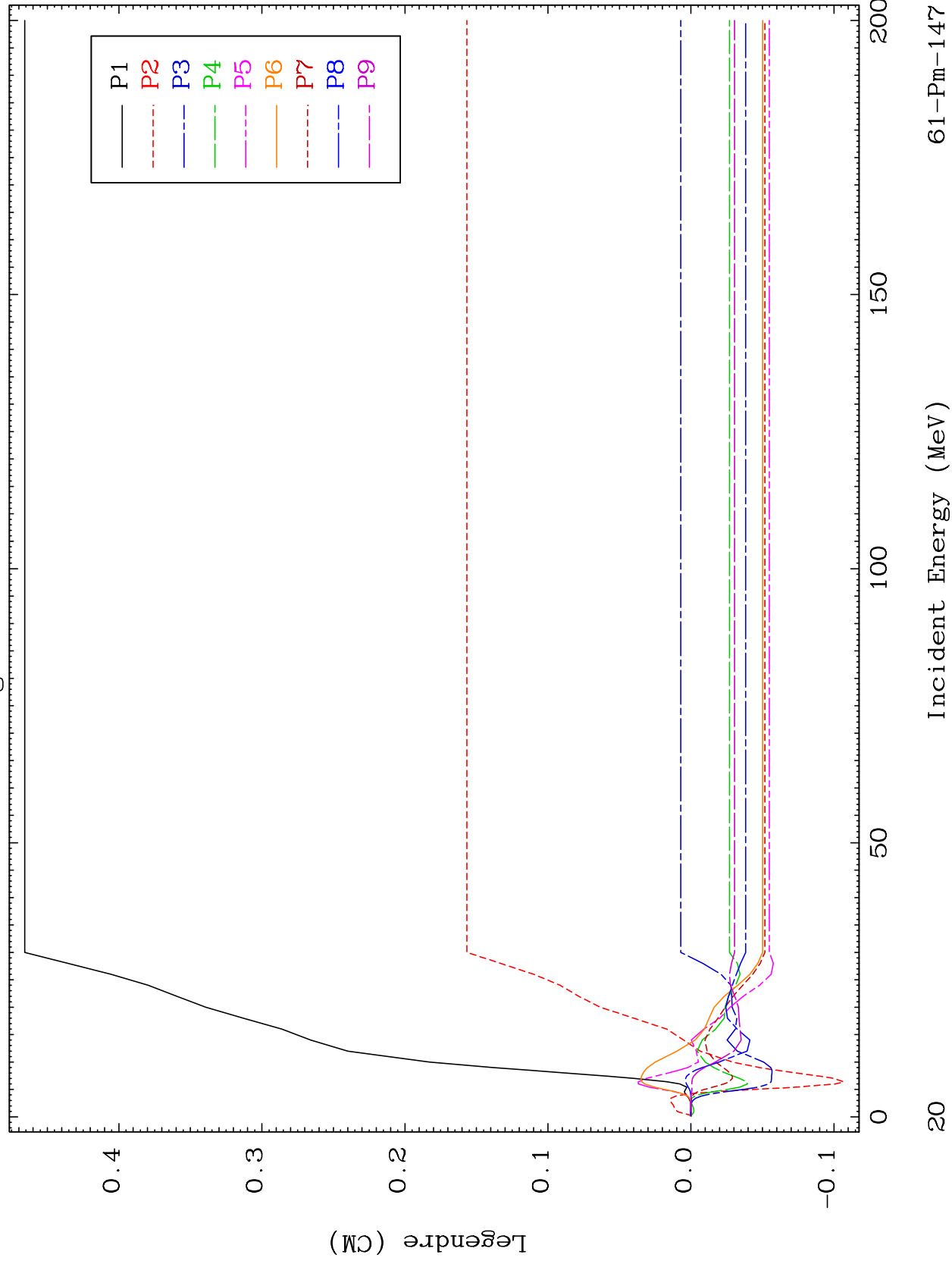
61-Pm-147

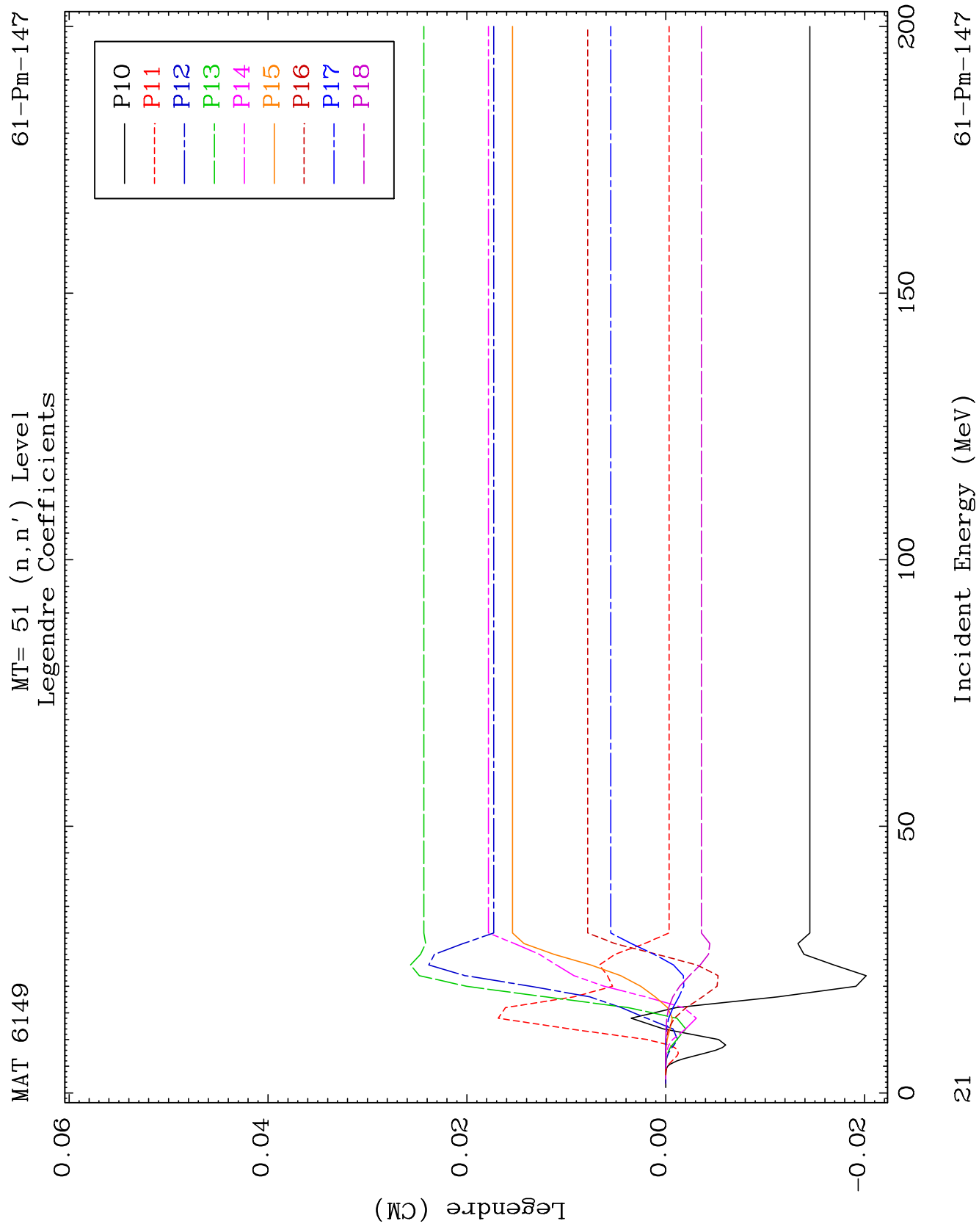


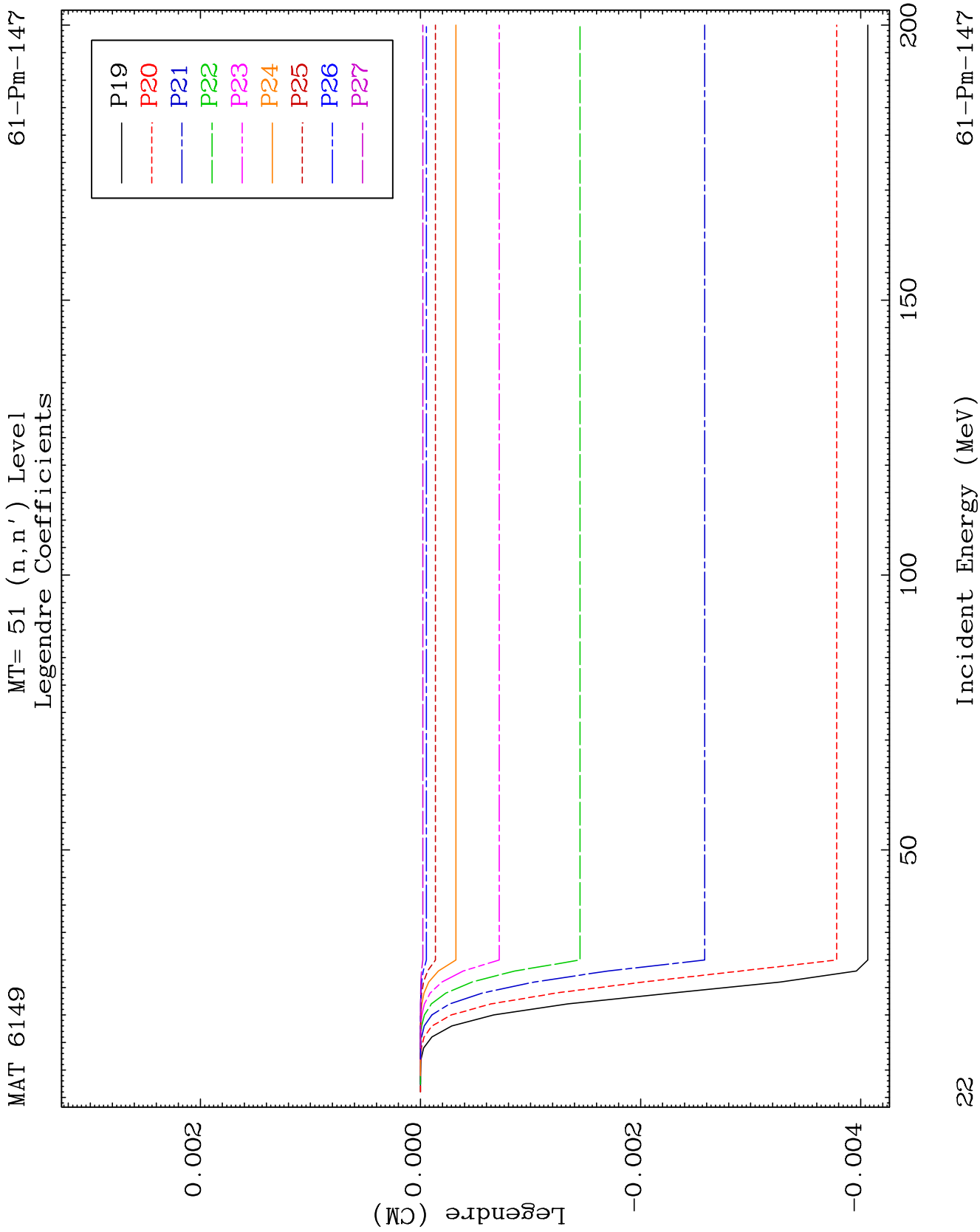
MAT 6149

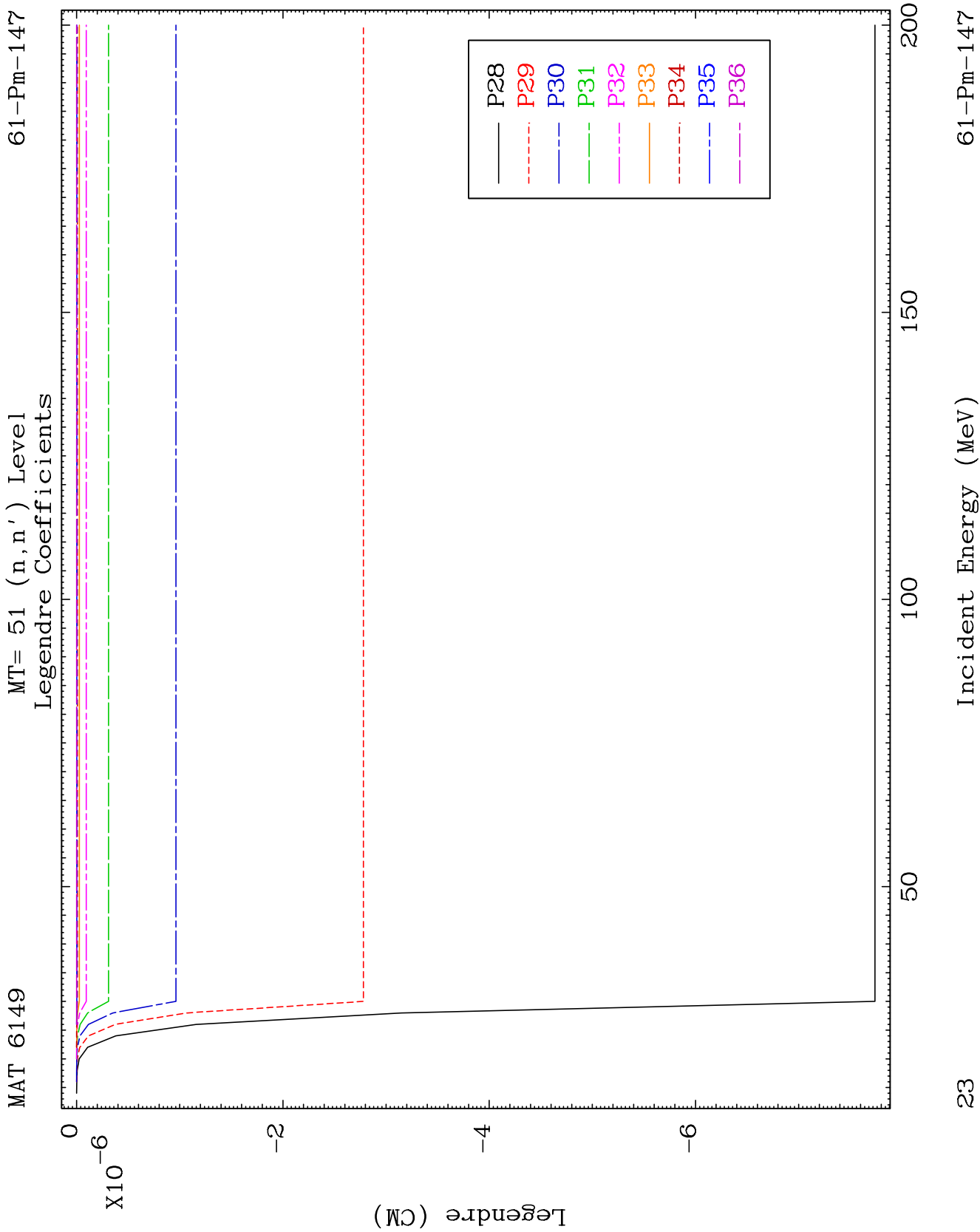
MT= 51 (n, n') Level
Legendre Coefficients

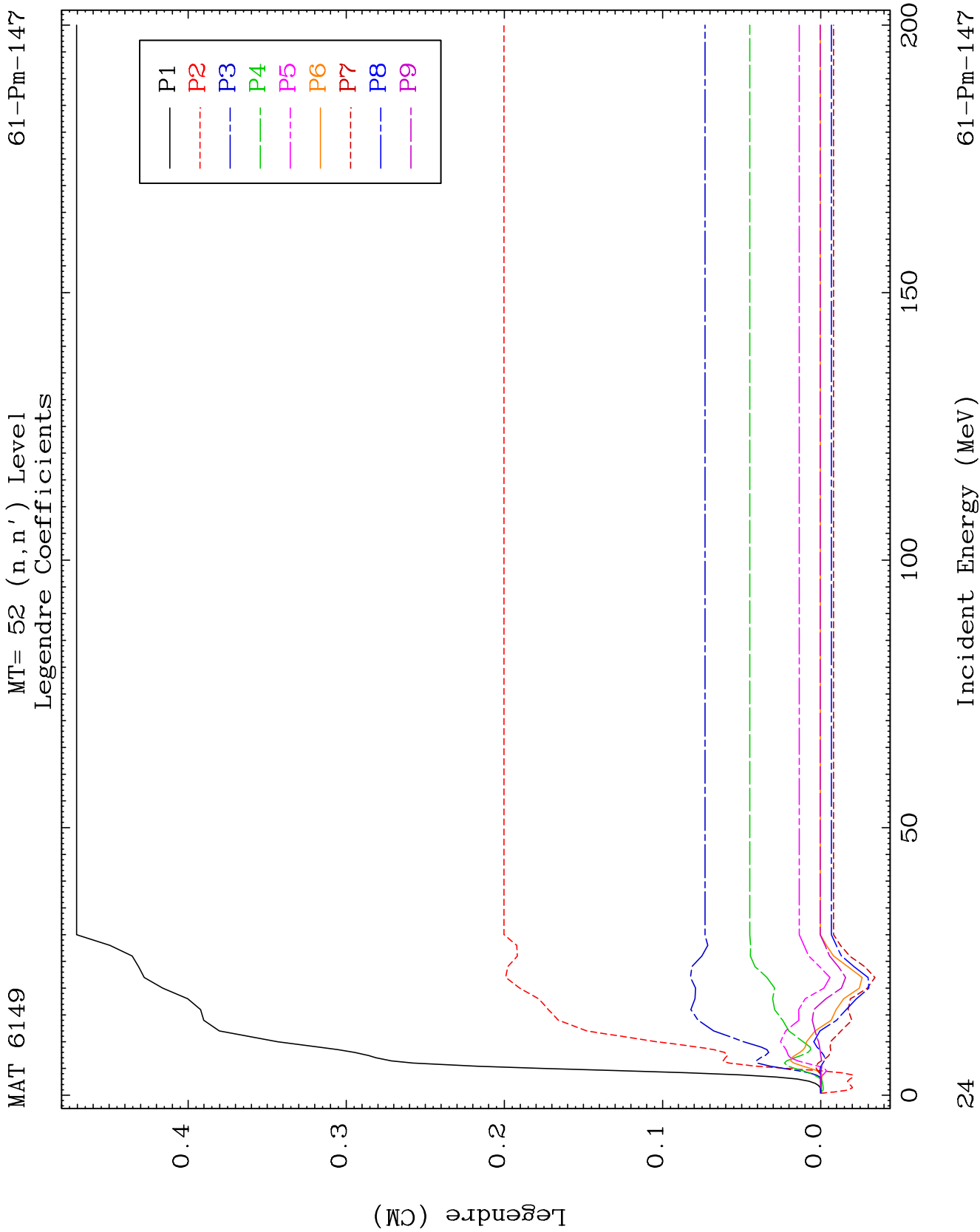
61-Pm-147







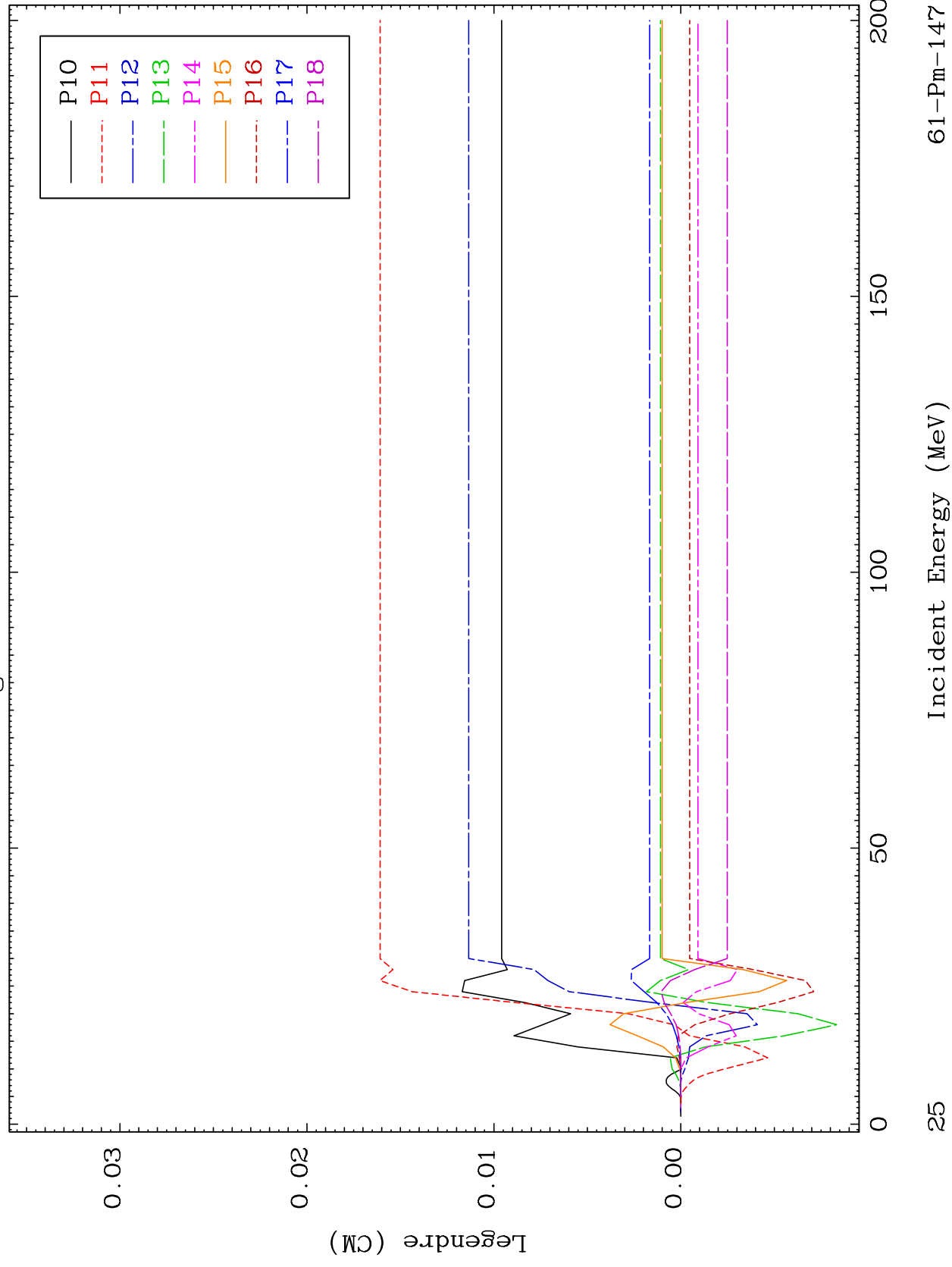


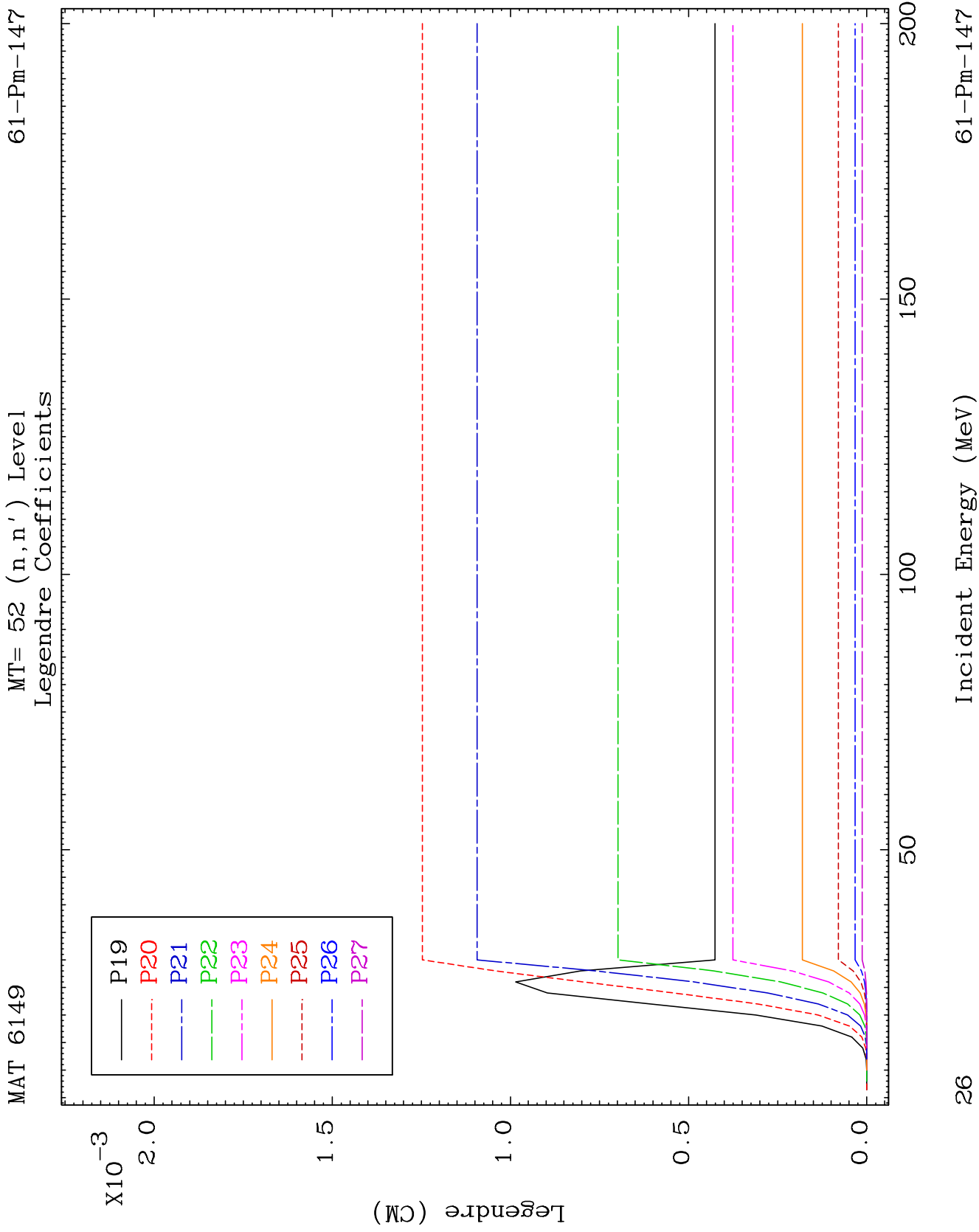


MAT 6149

MT= 52 (n, n') Level
Legendre Coefficients

61-Pm-147

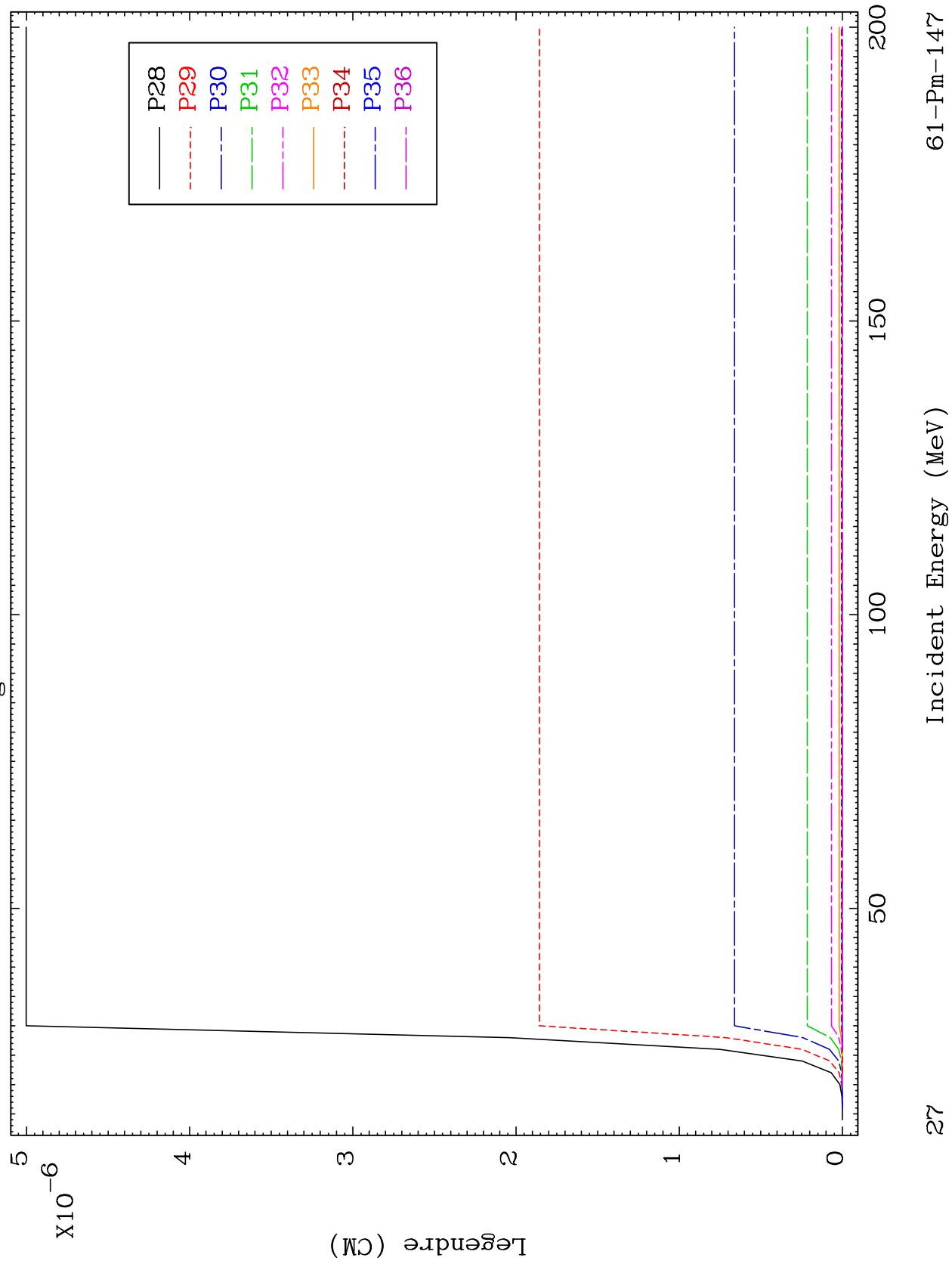




MAT 6149

MT= 52 (n, n') Level
Legendre Coefficients

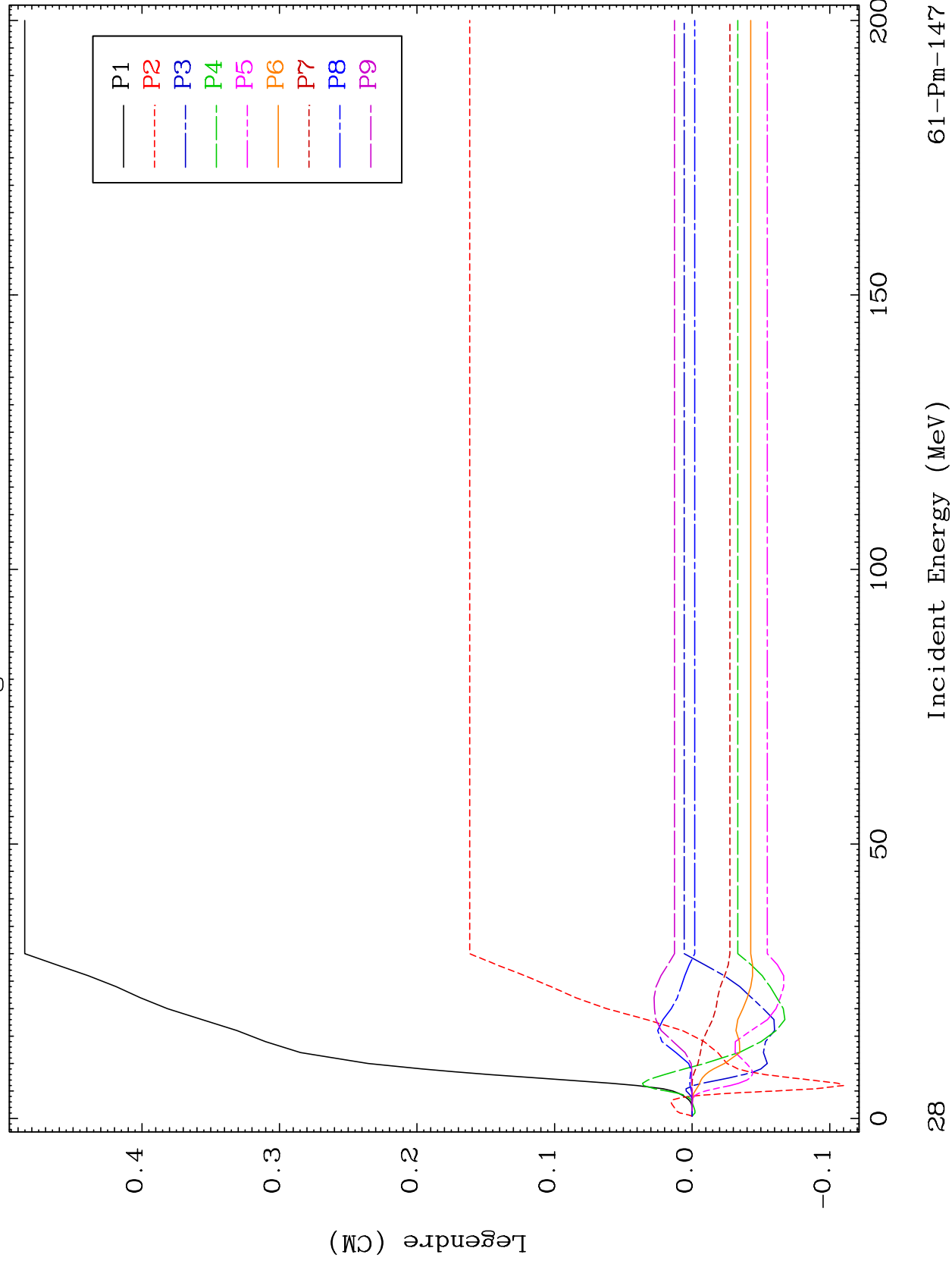
61-Pm-147



MAT 6149

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

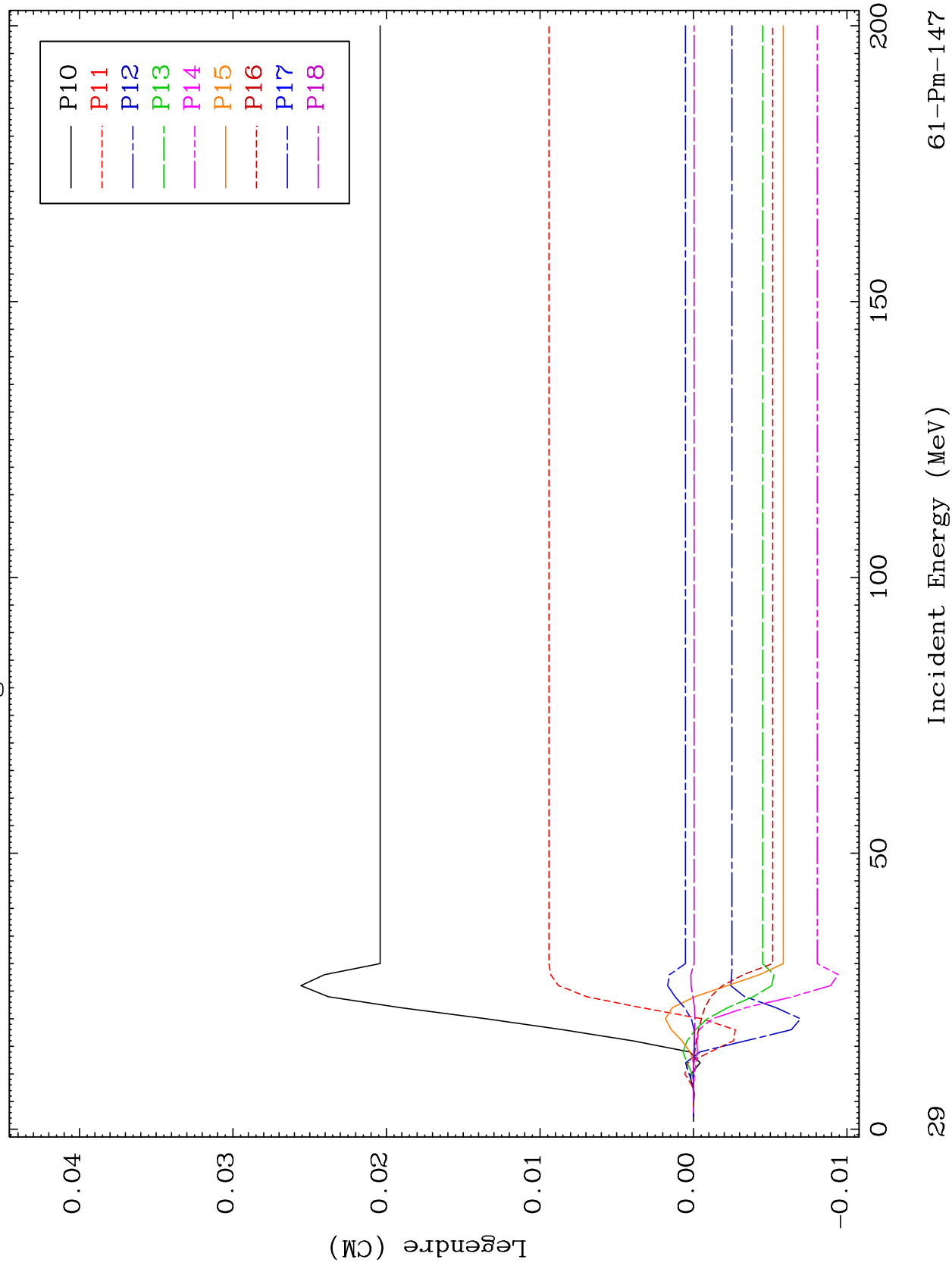
61-Pm-147



MAT 6149

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

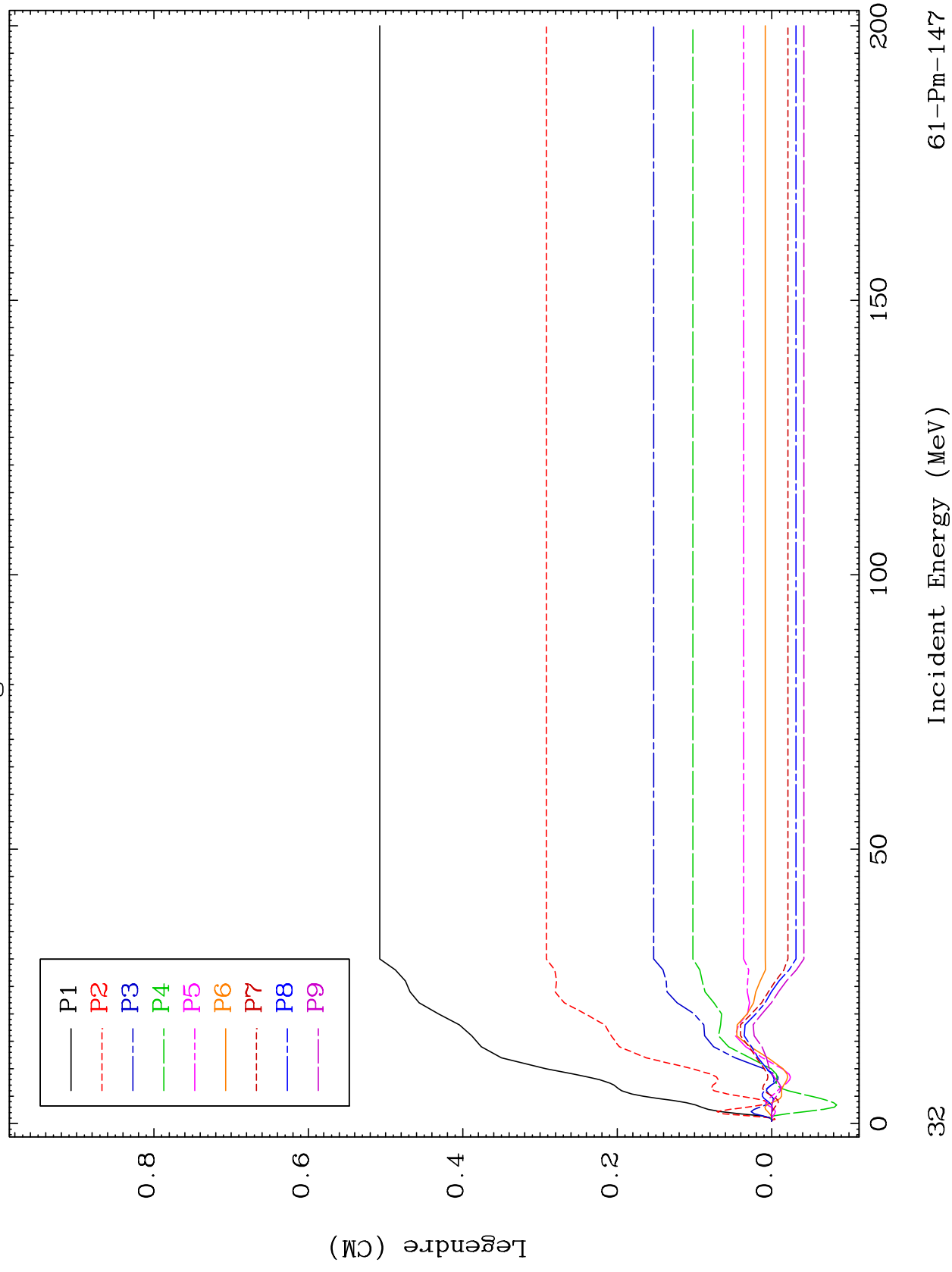
61-Pm-147

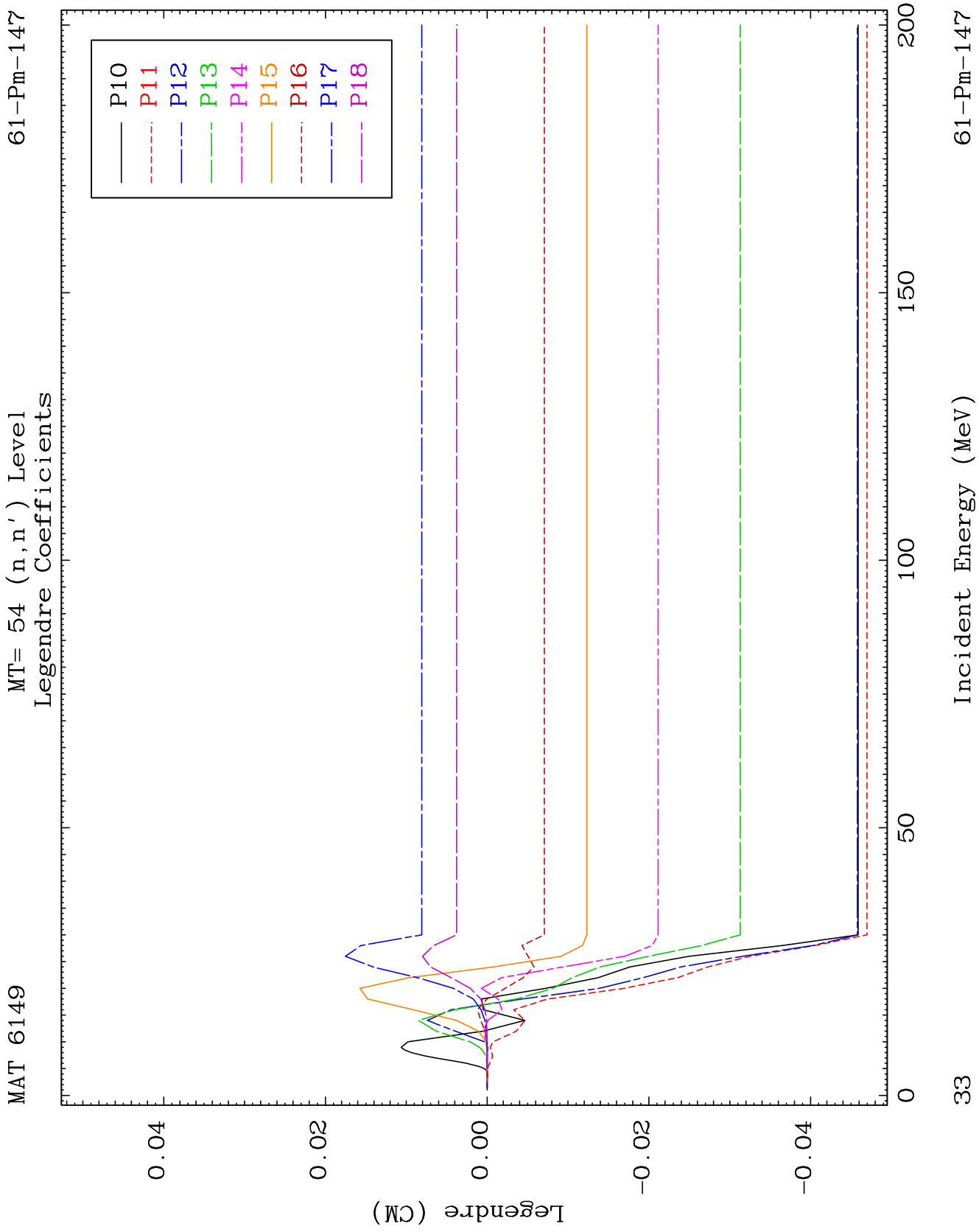


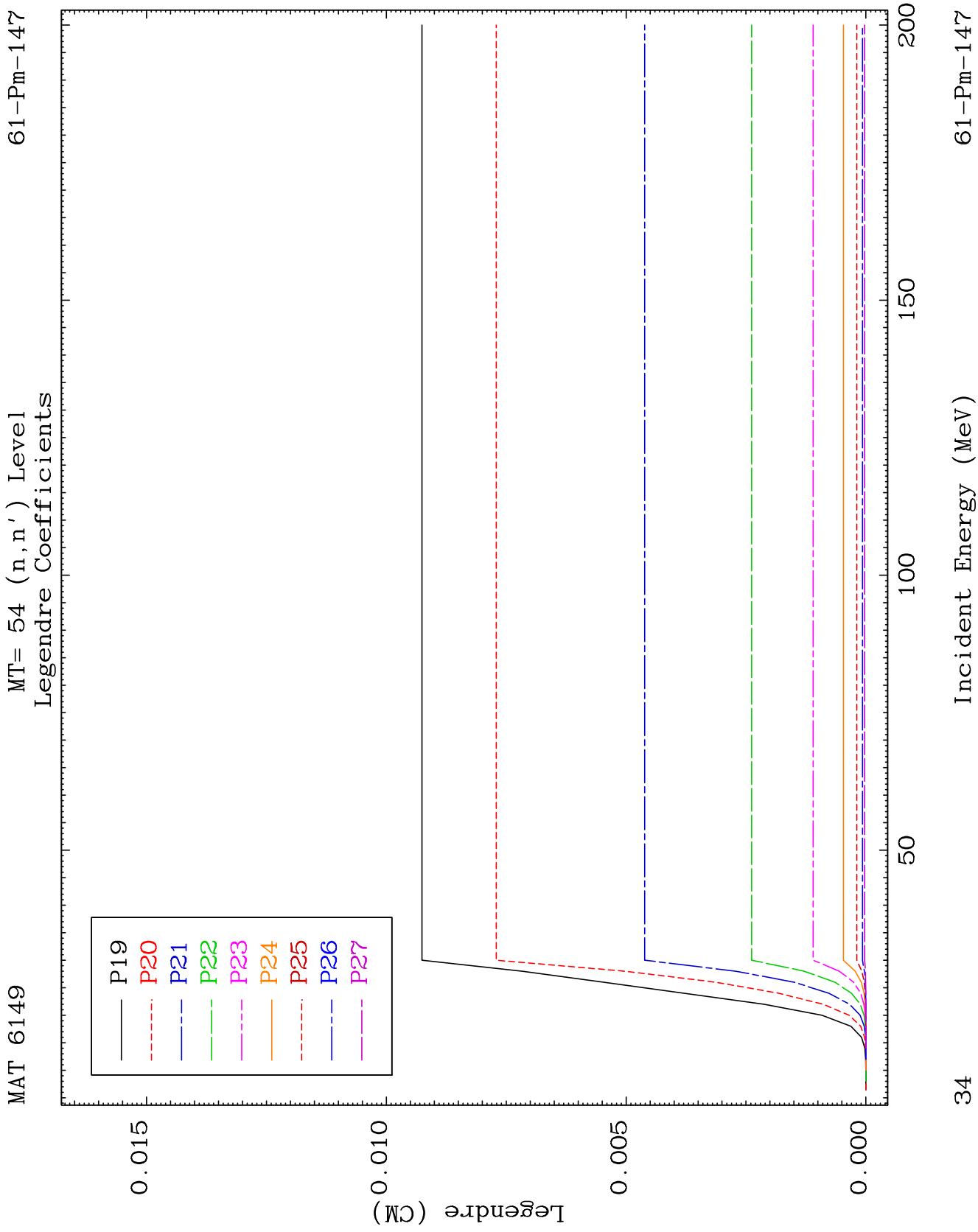
MAT 6149

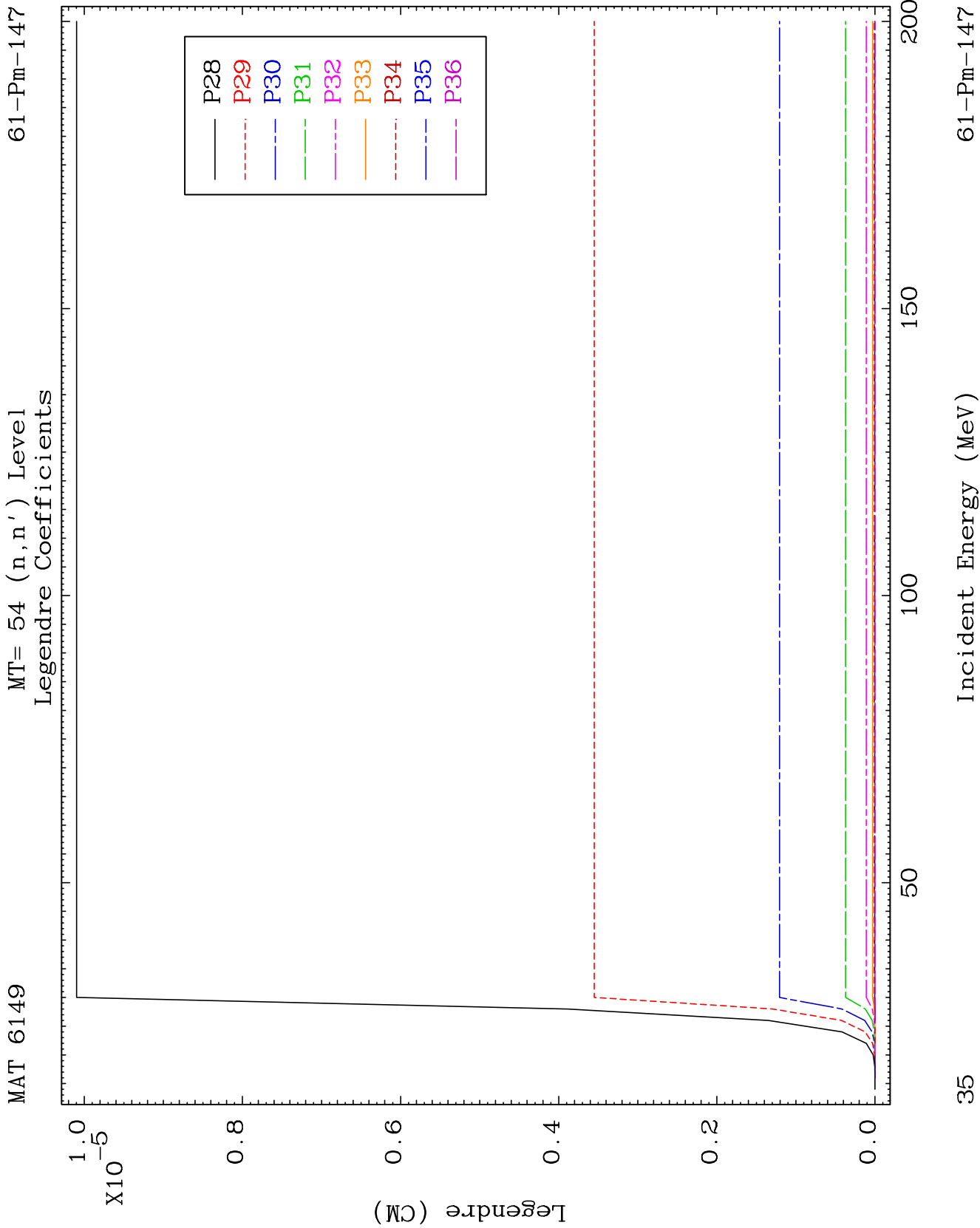
MT= 54 (n, n') Level
Legendre Coefficients

61-Pm-147





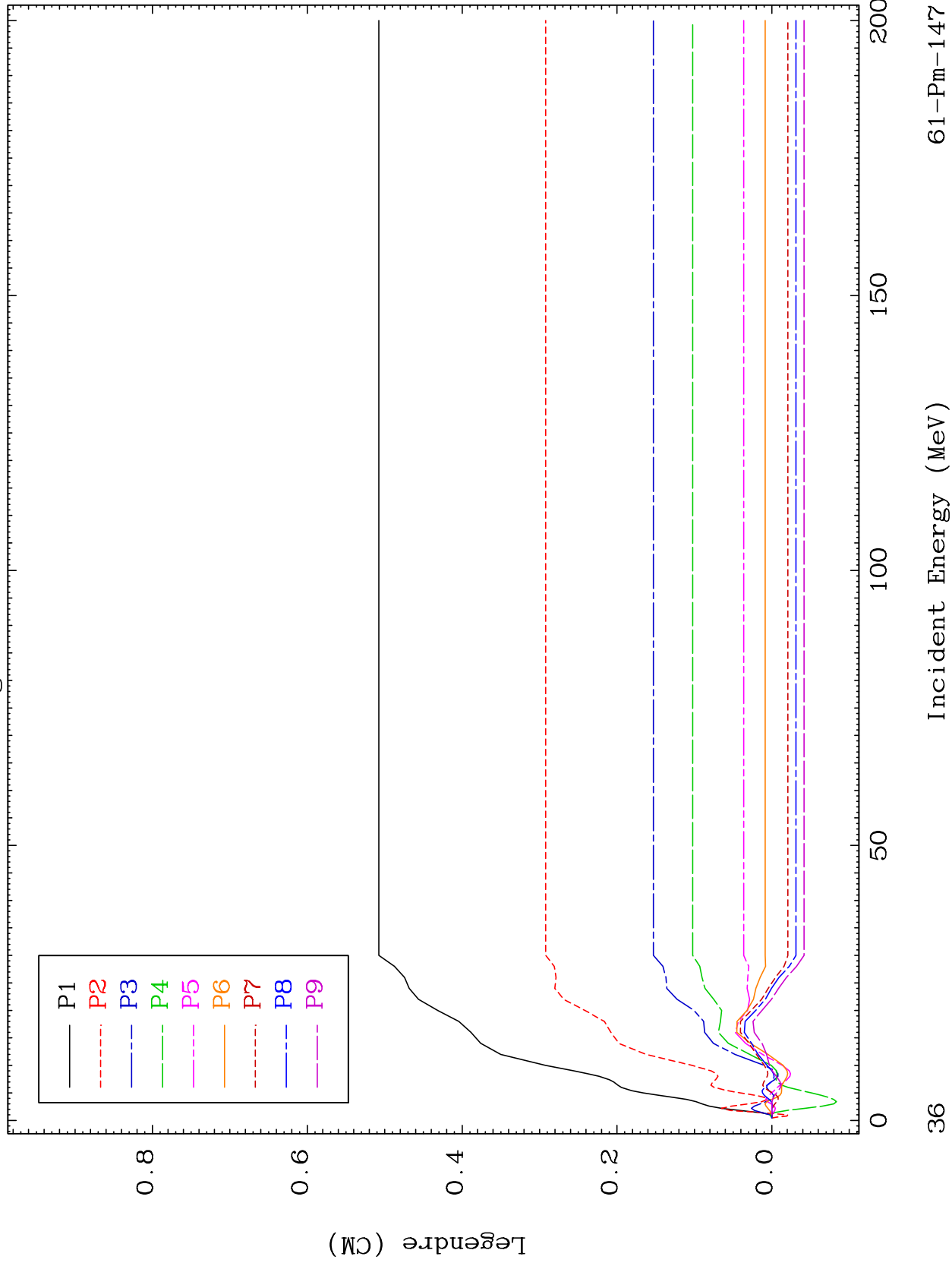


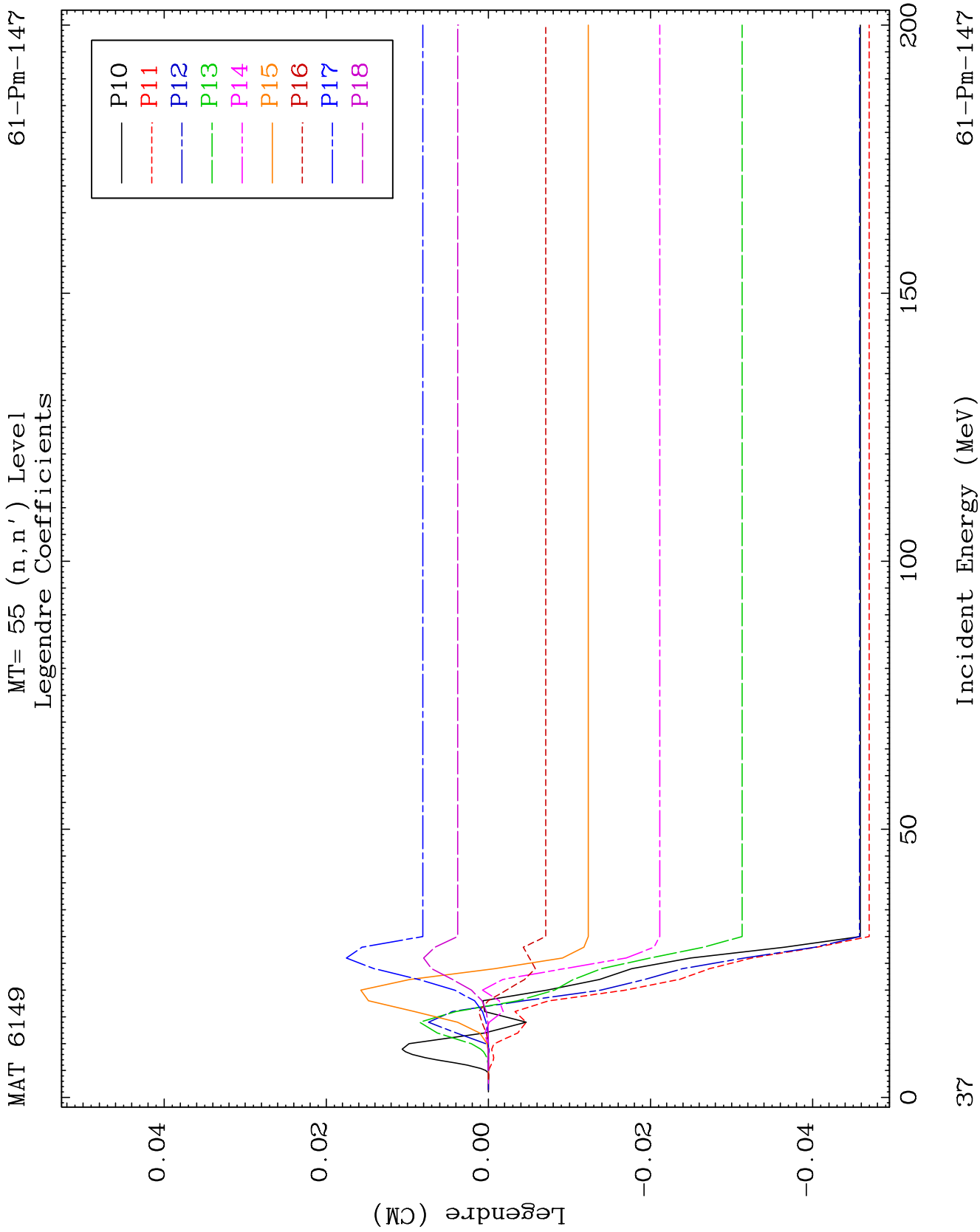


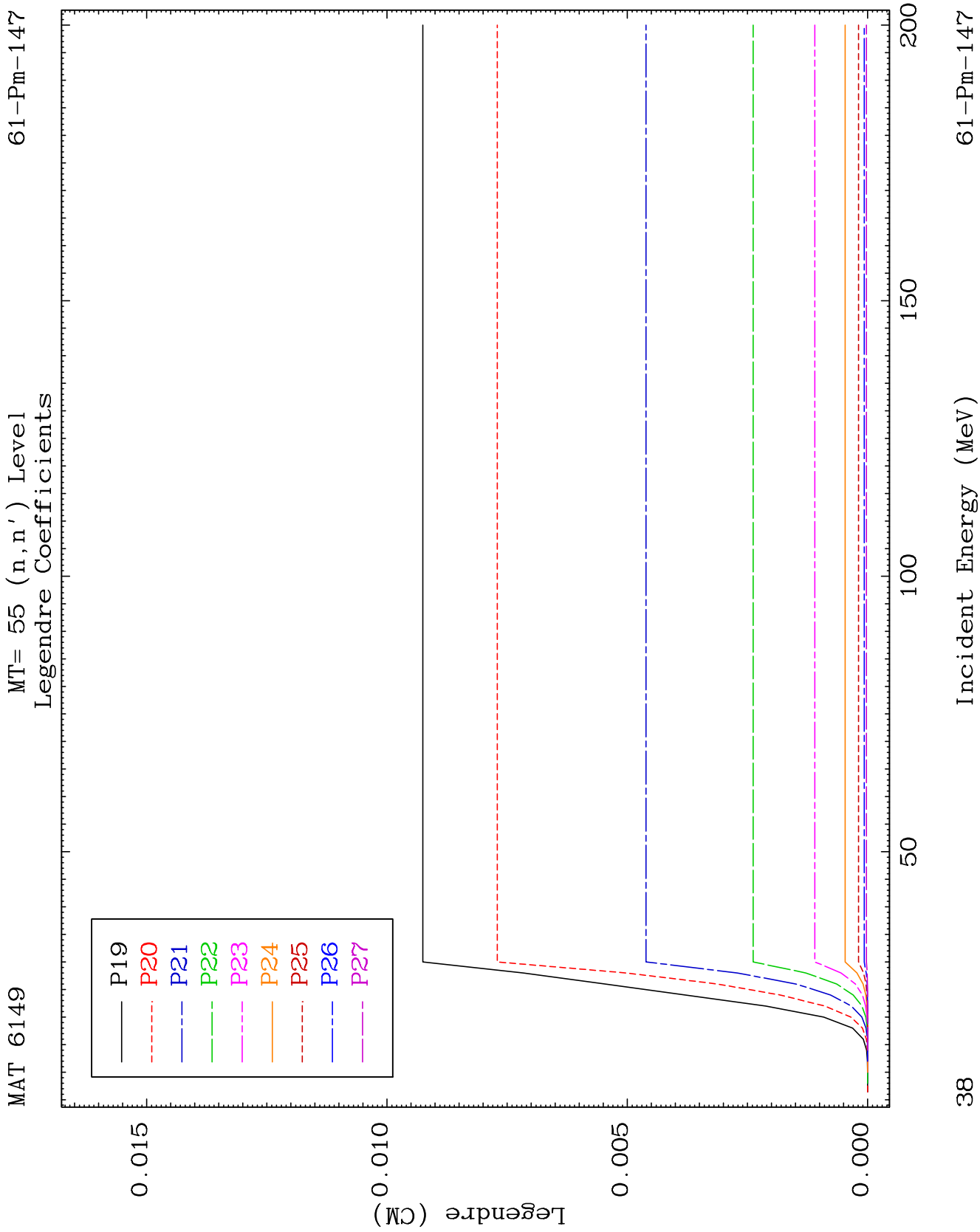
MAT 6149

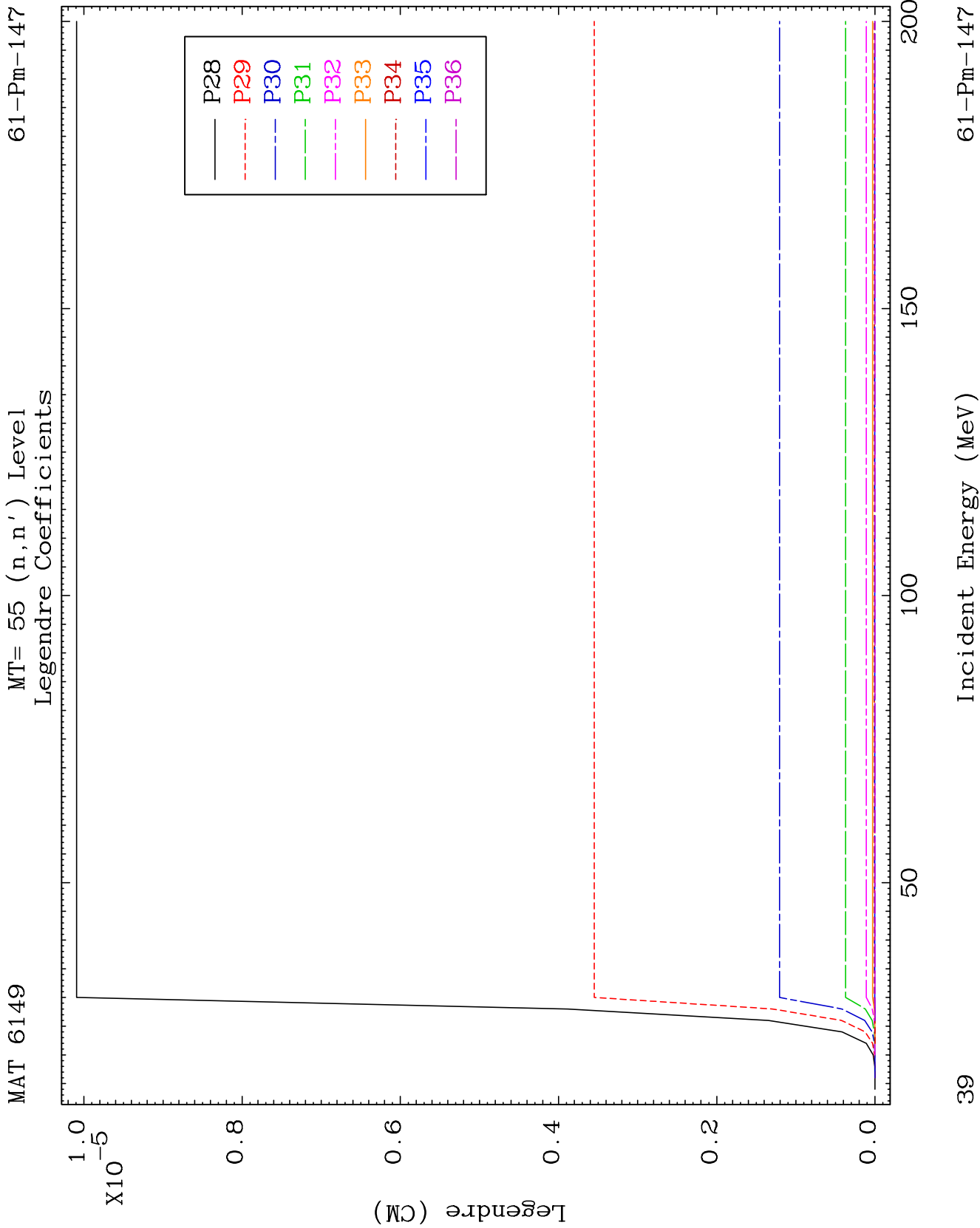
MT= 55 (n, n') Level
Legendre Coefficients

61-Pm-147





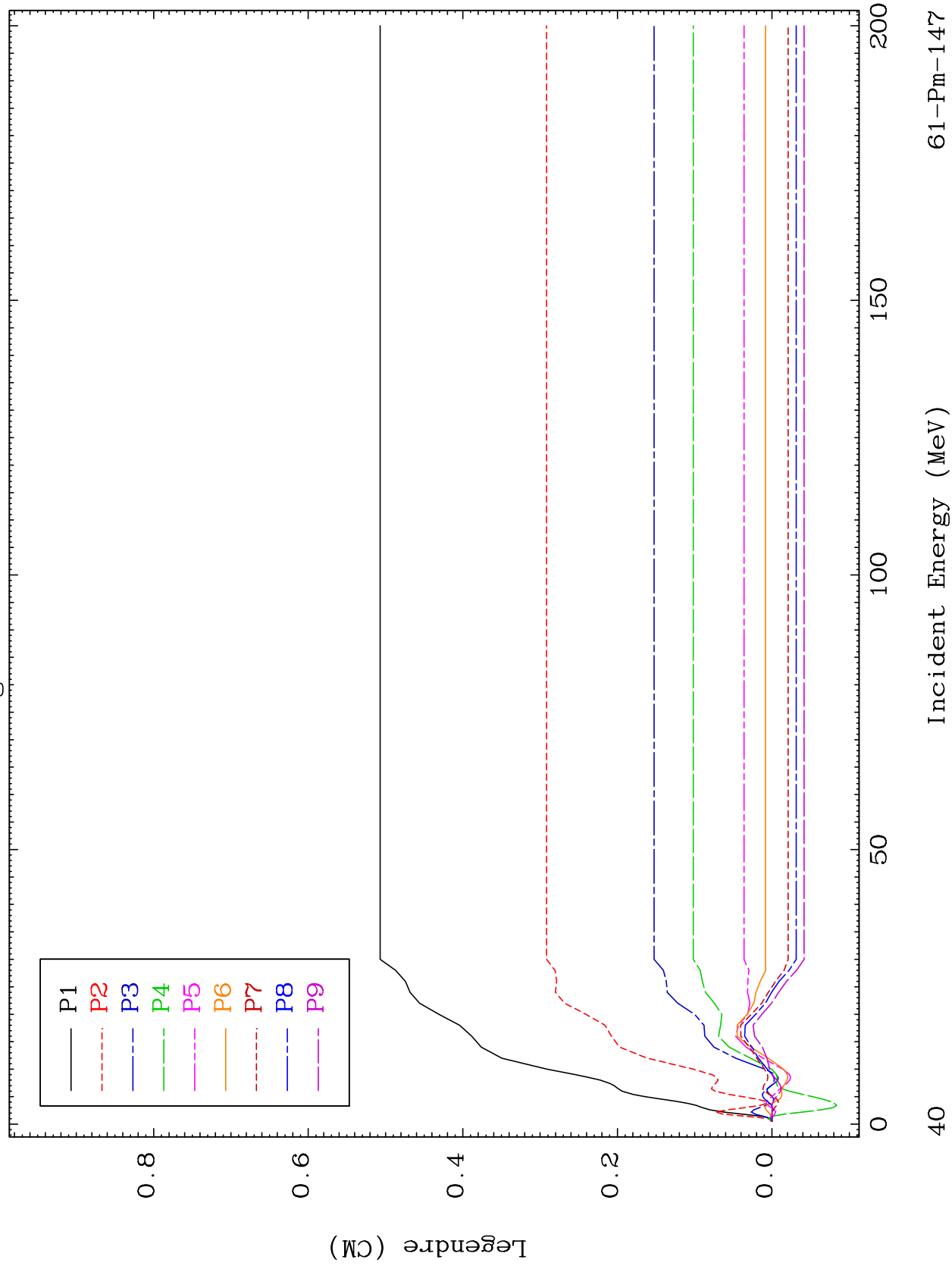


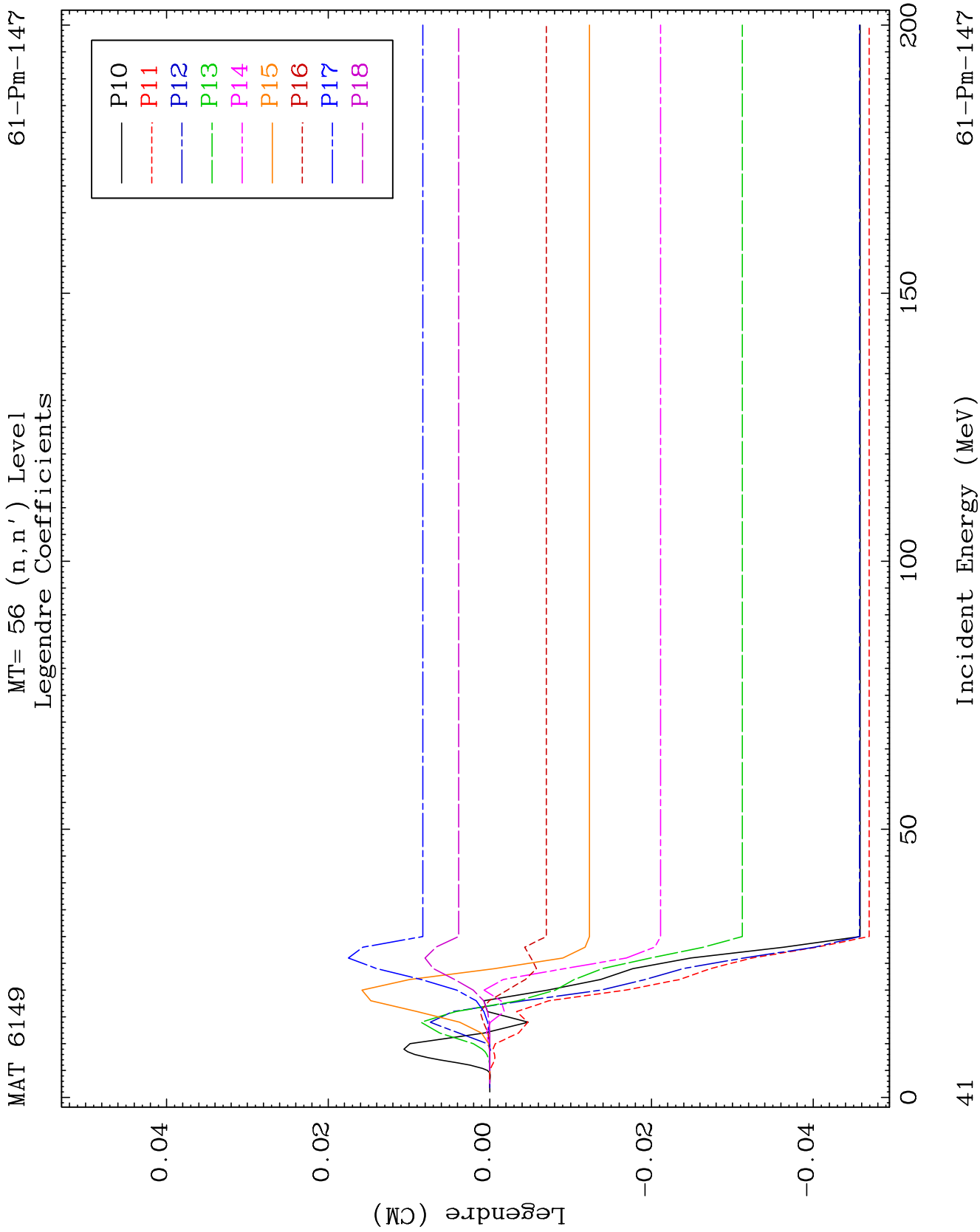


MAT 6149

MT= 56 (n, n') Level
Legendre Coefficients

61-Pm-147

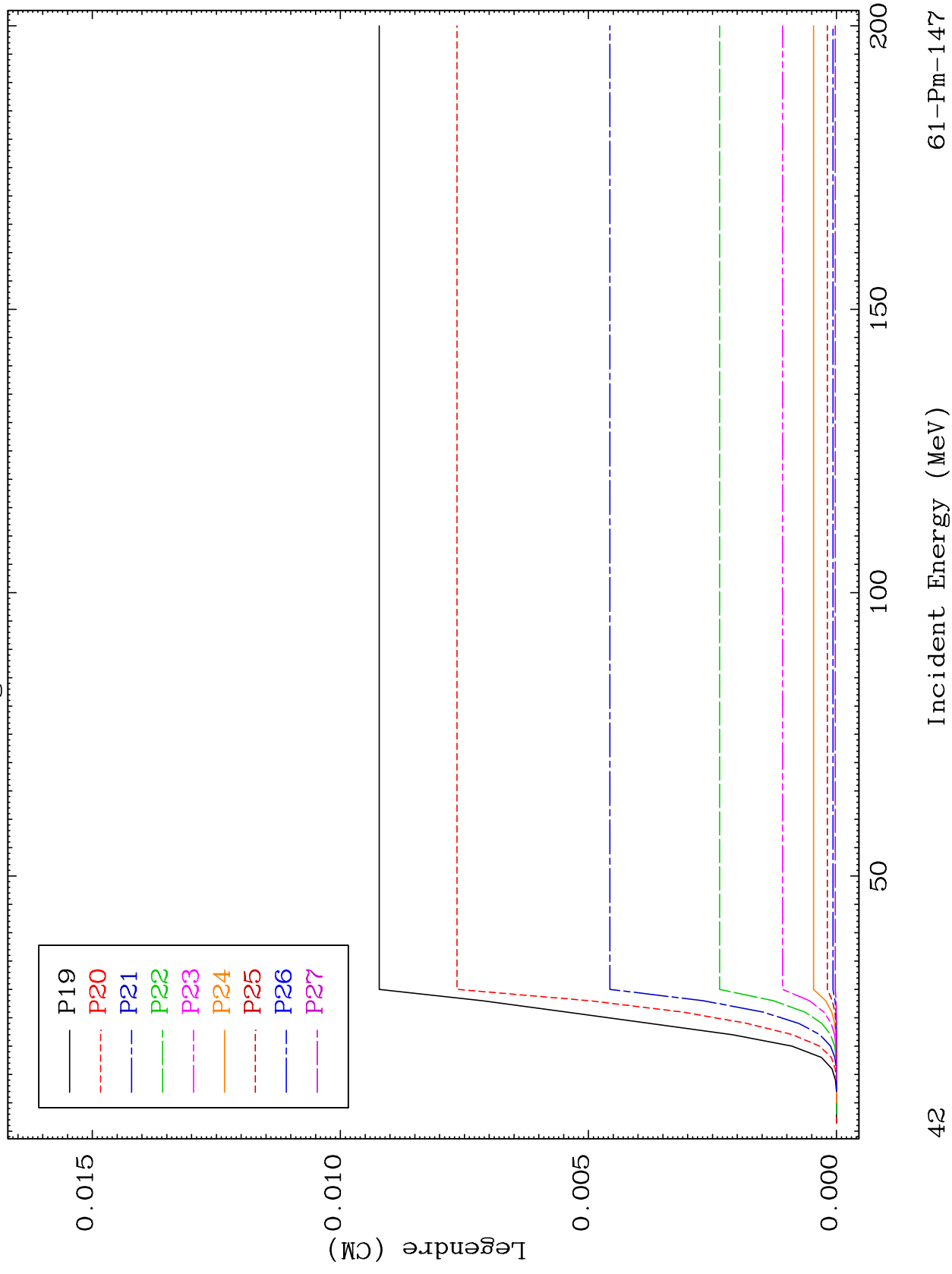


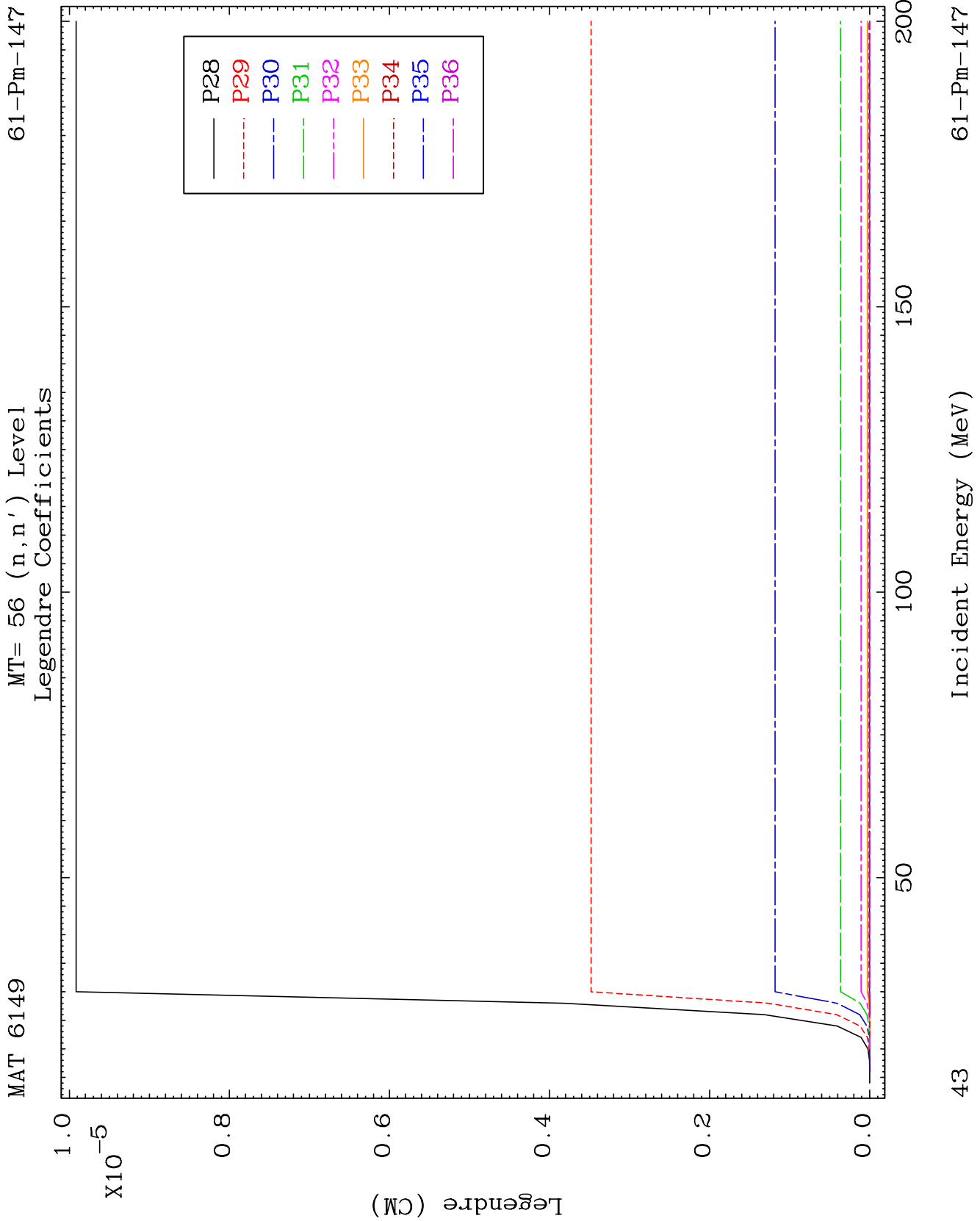


MAT 6149

MT= 56 (n, n') Level
Legendre Coefficients

61-Pm-147

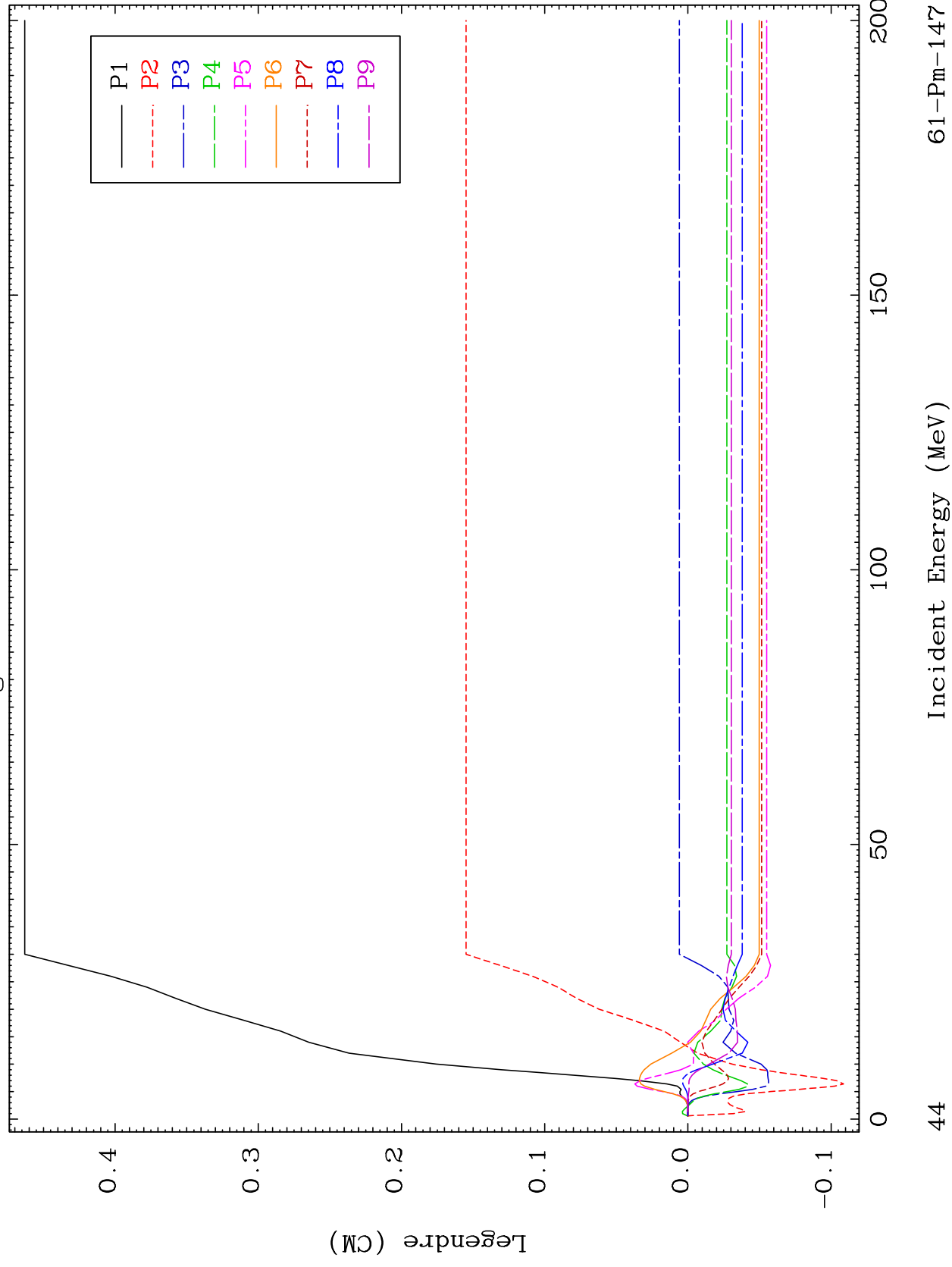


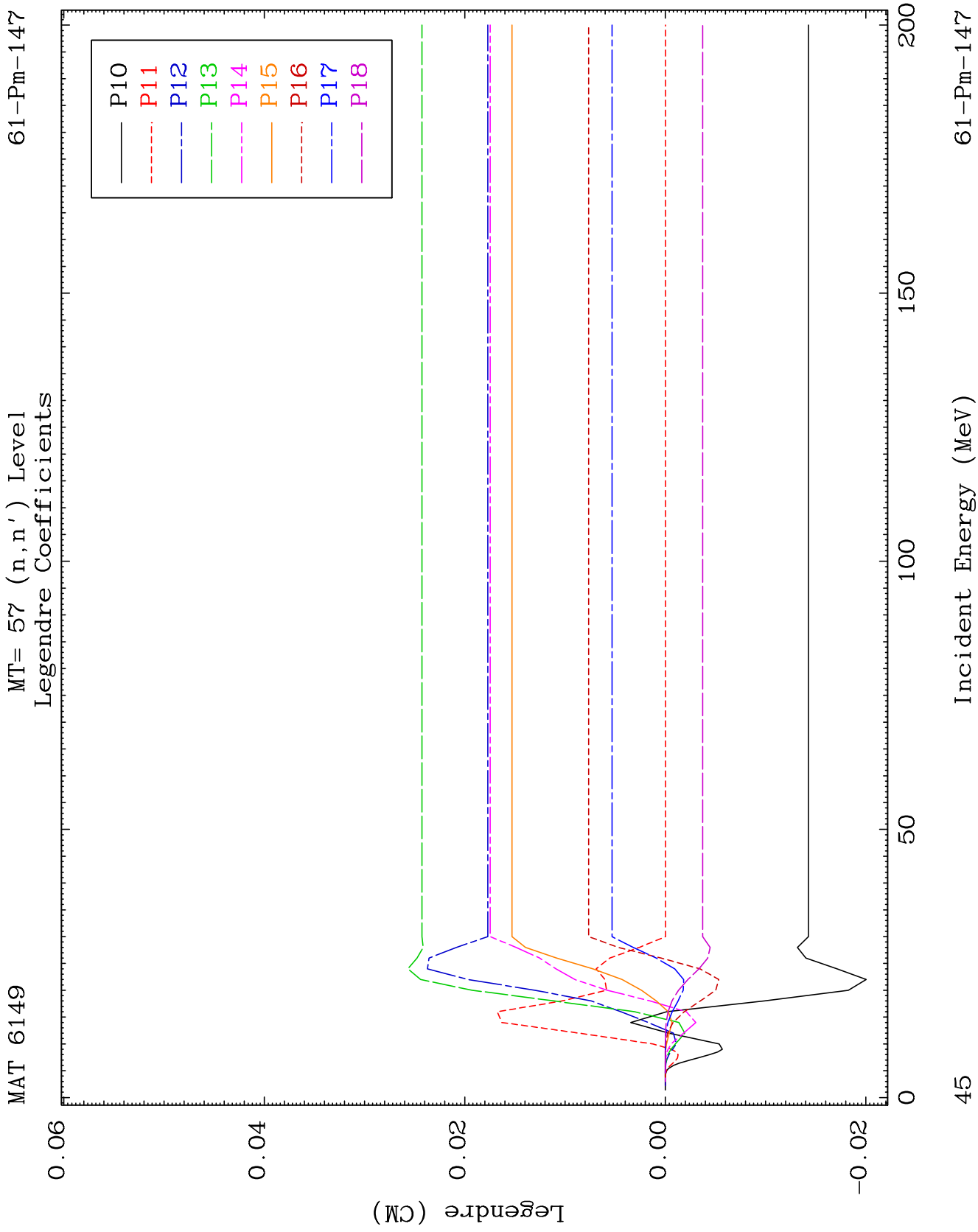


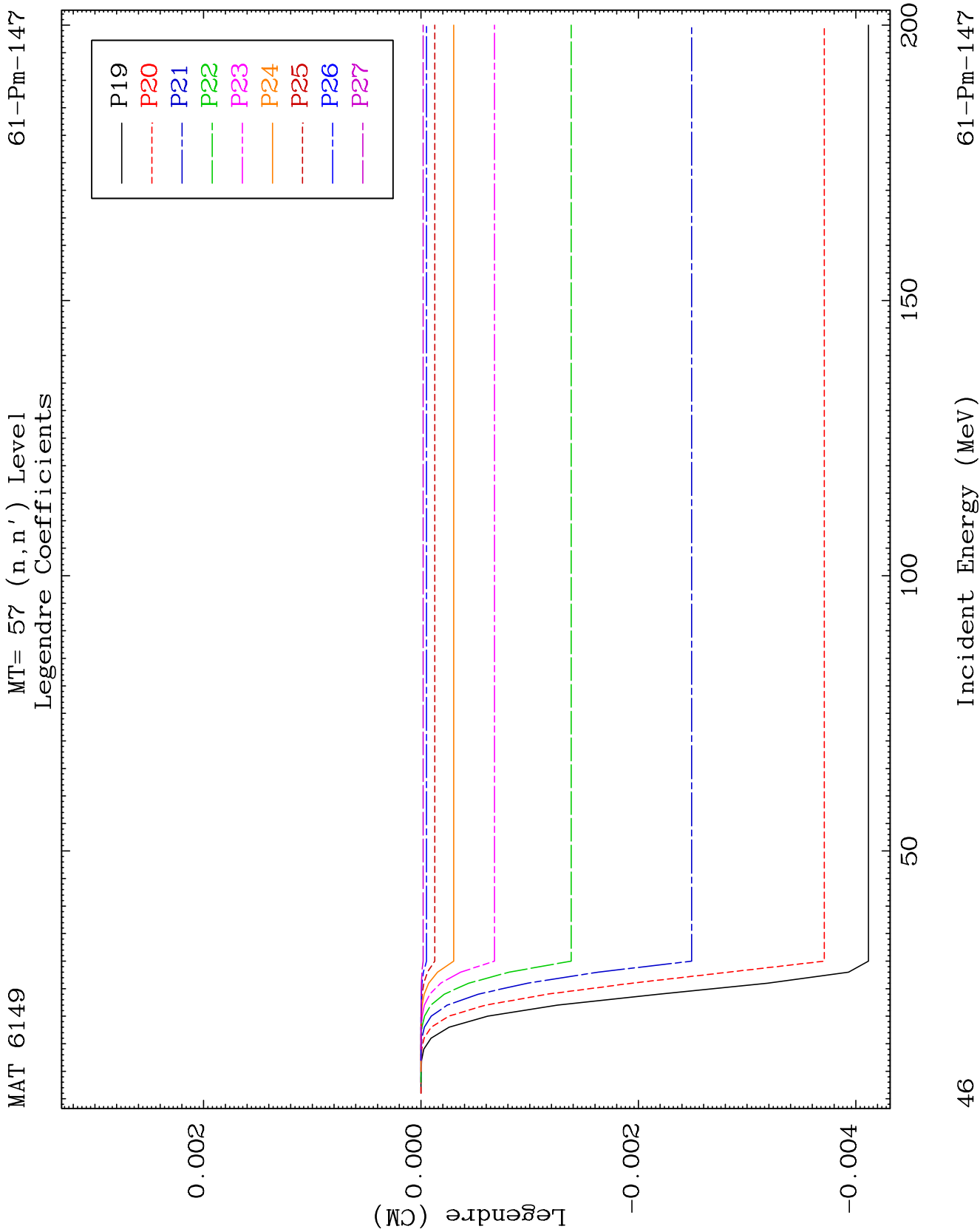
MAT 6149

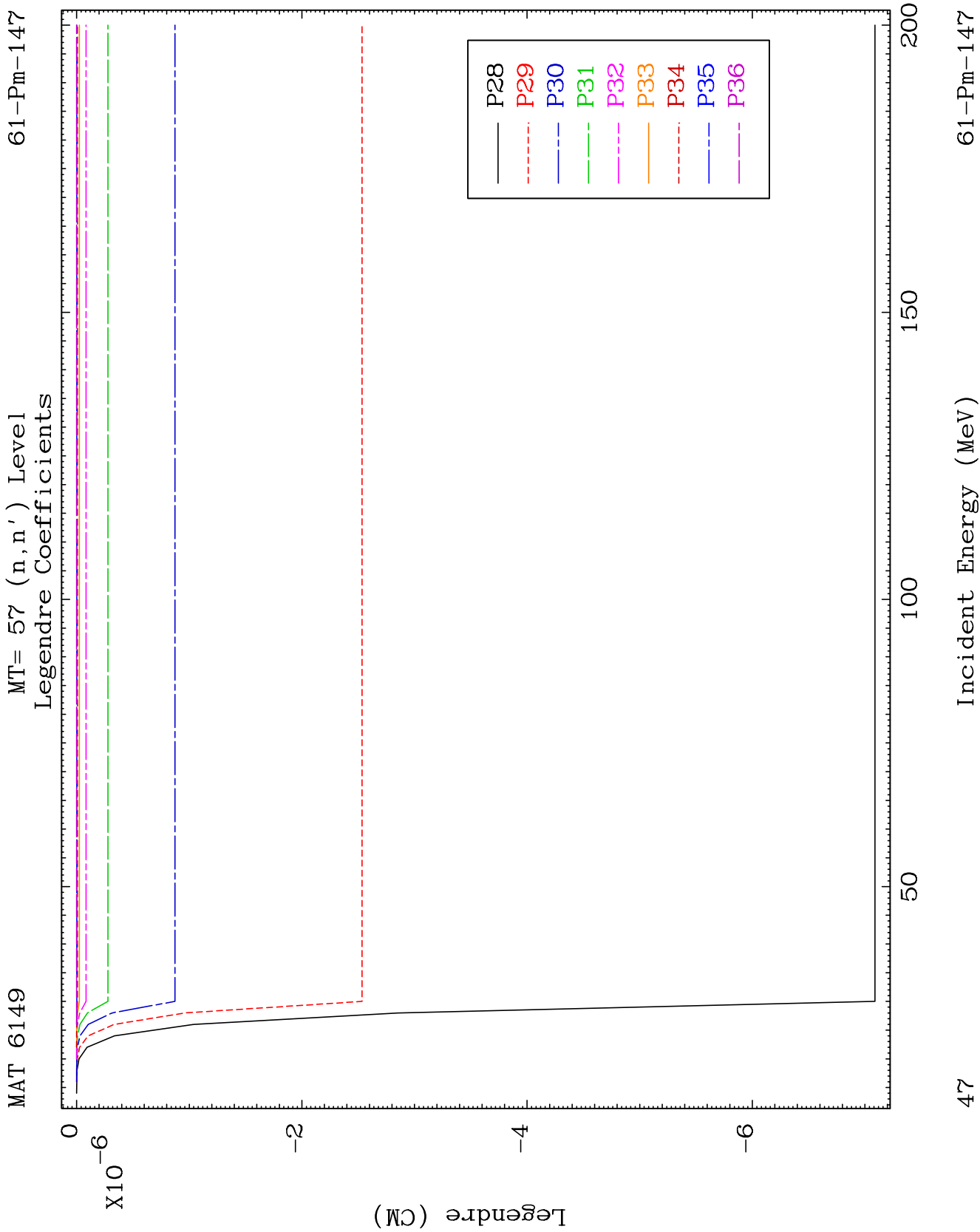
MT= 57 (n, n') Level
Legendre Coefficients

61-Pm-147





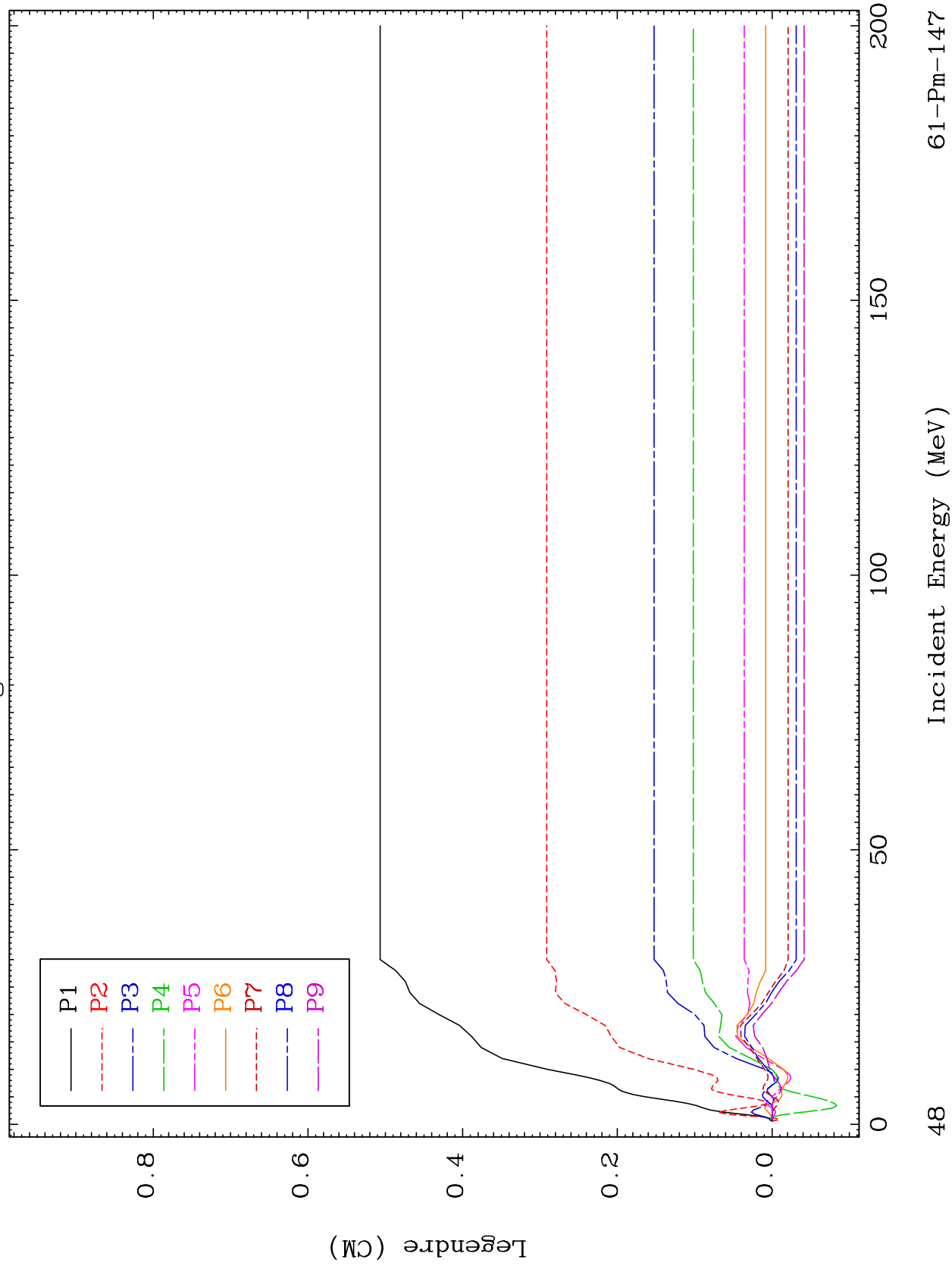


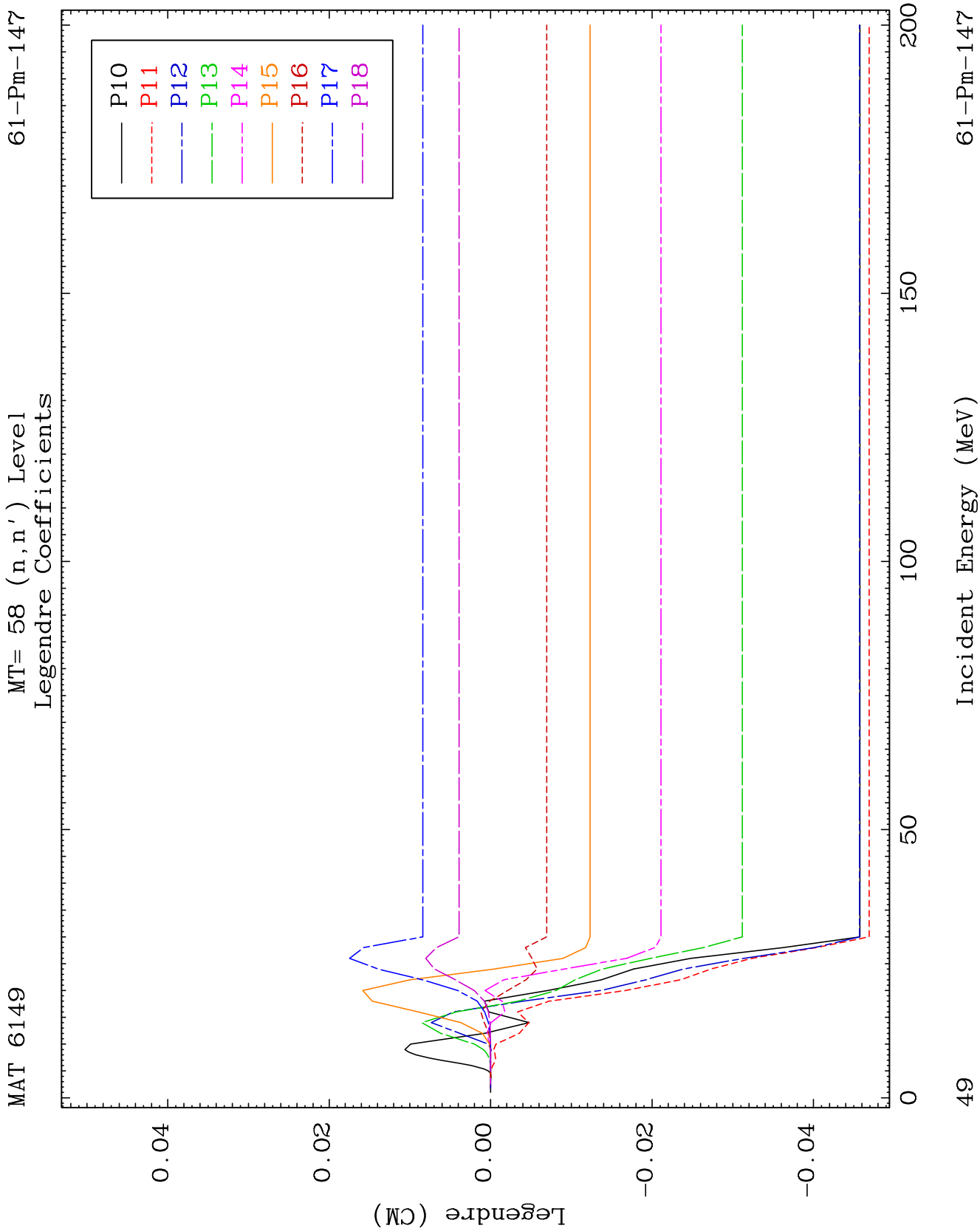


MAT 6149

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

61-Pm-147

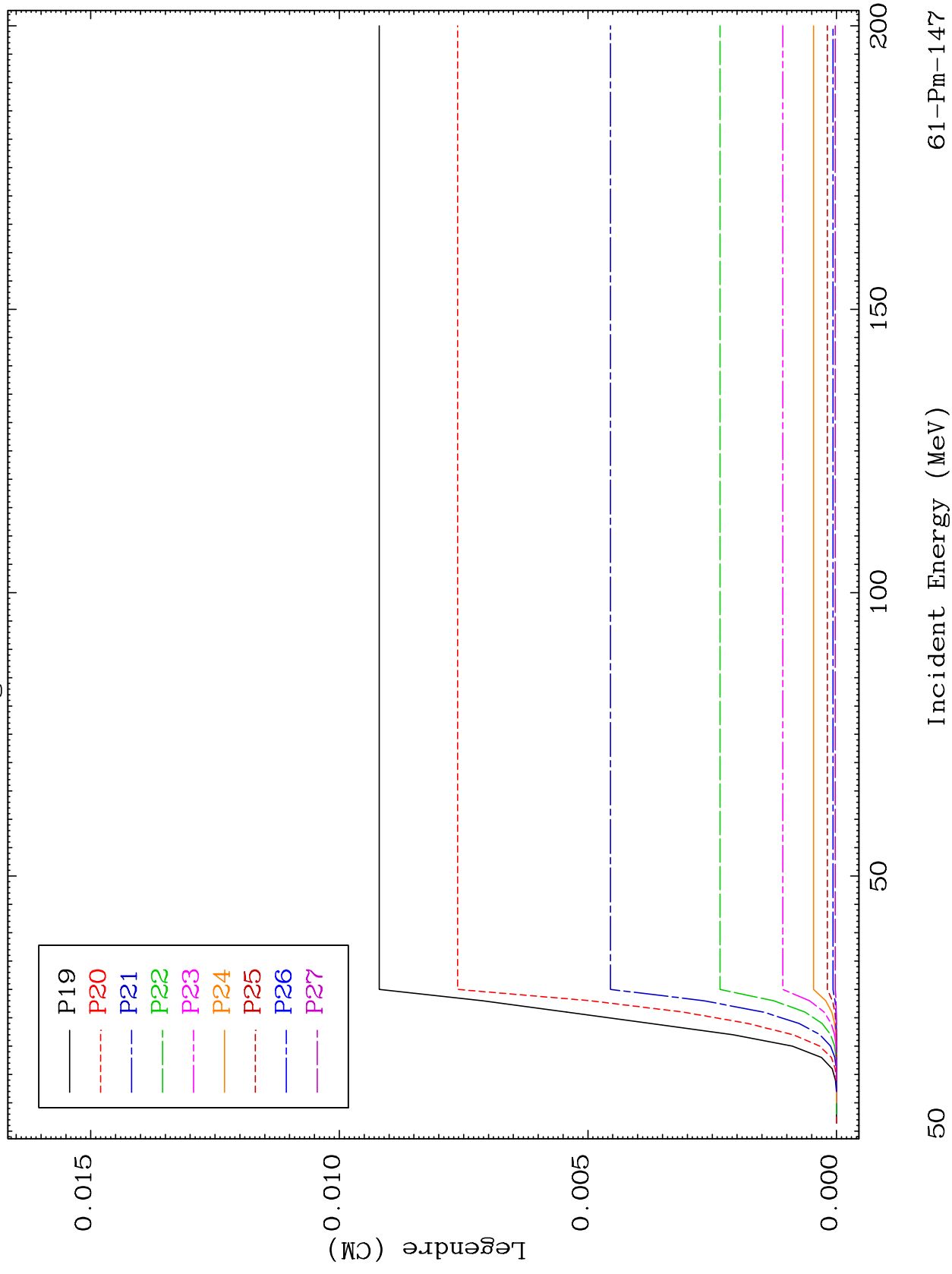


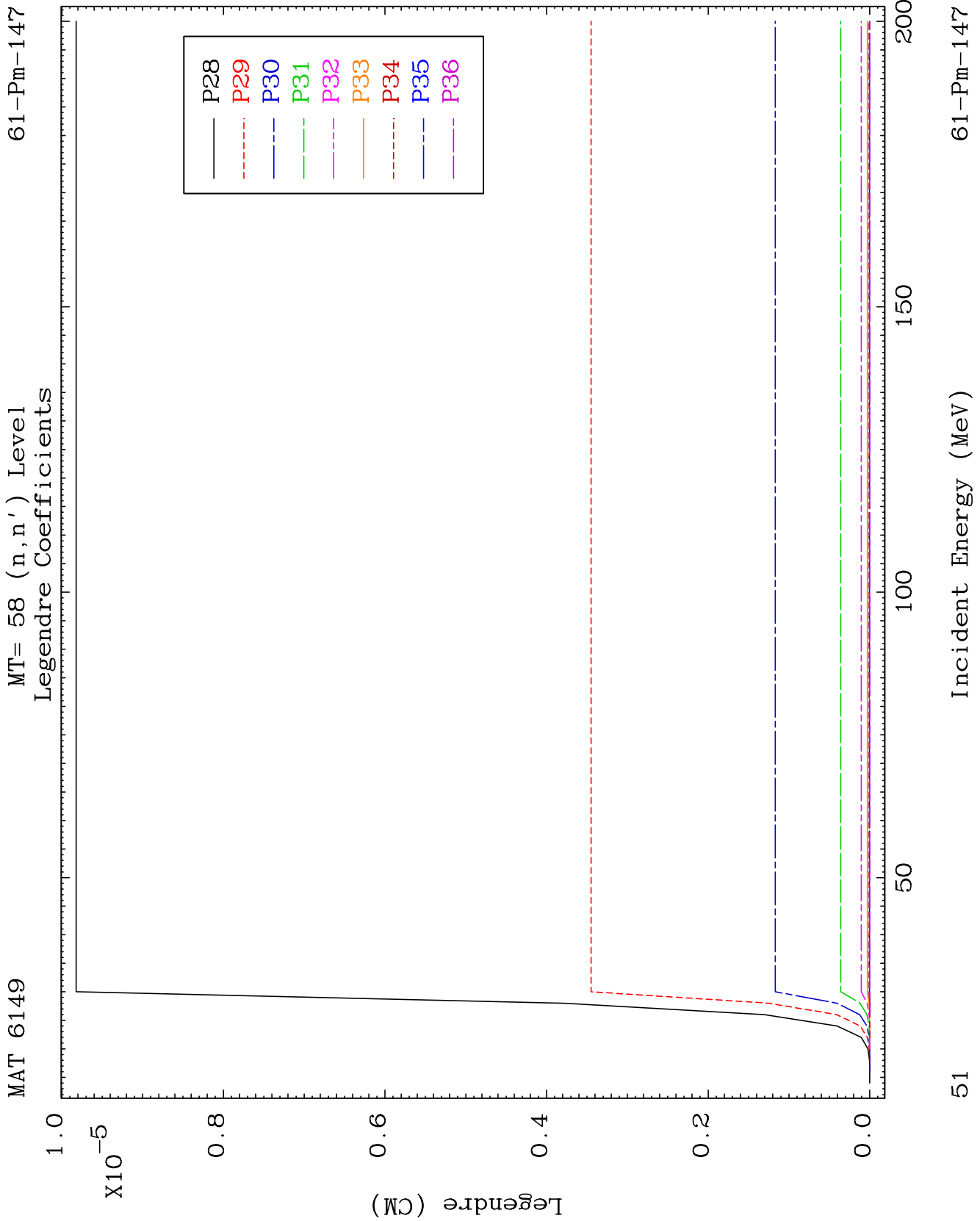


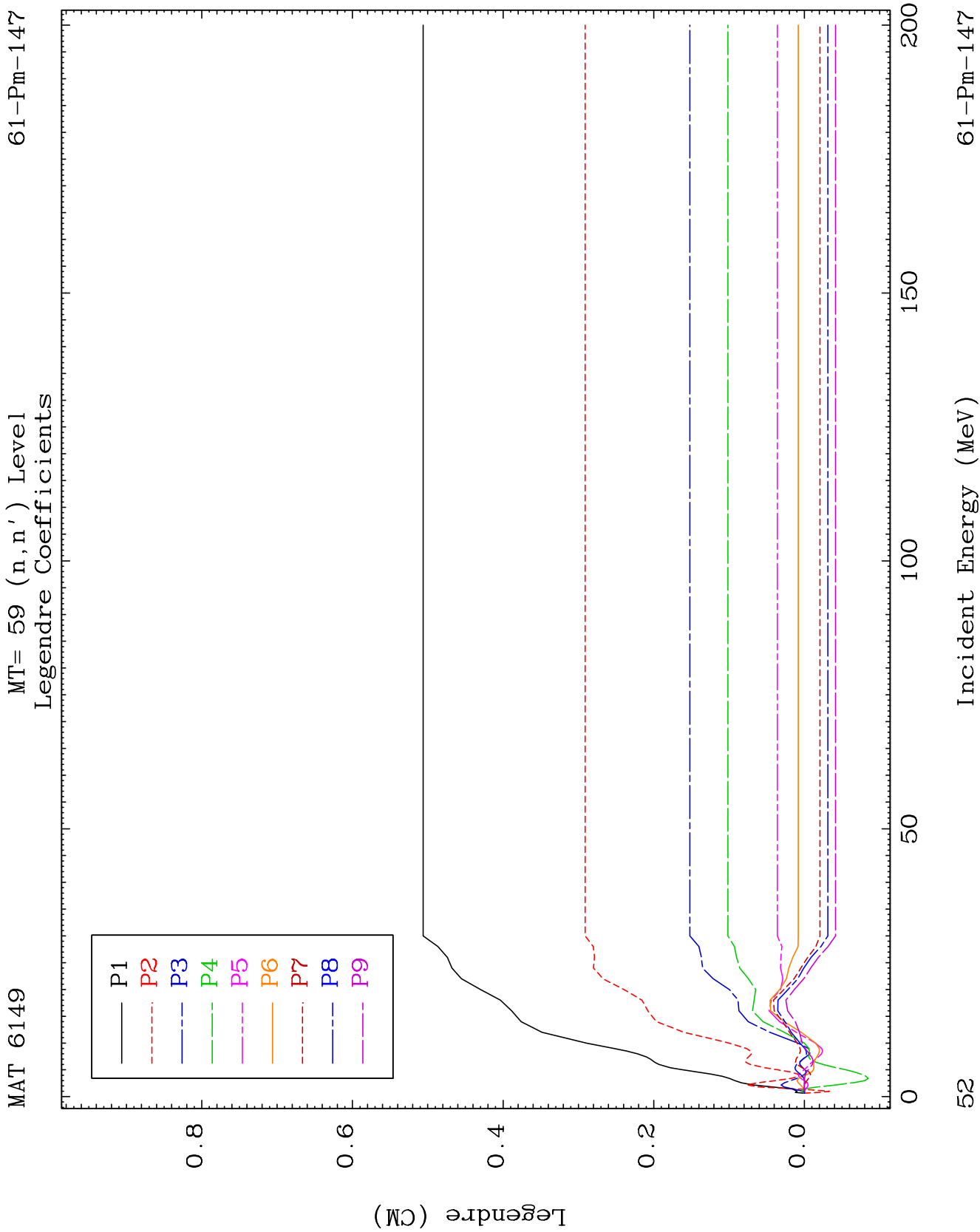
MAT 6149

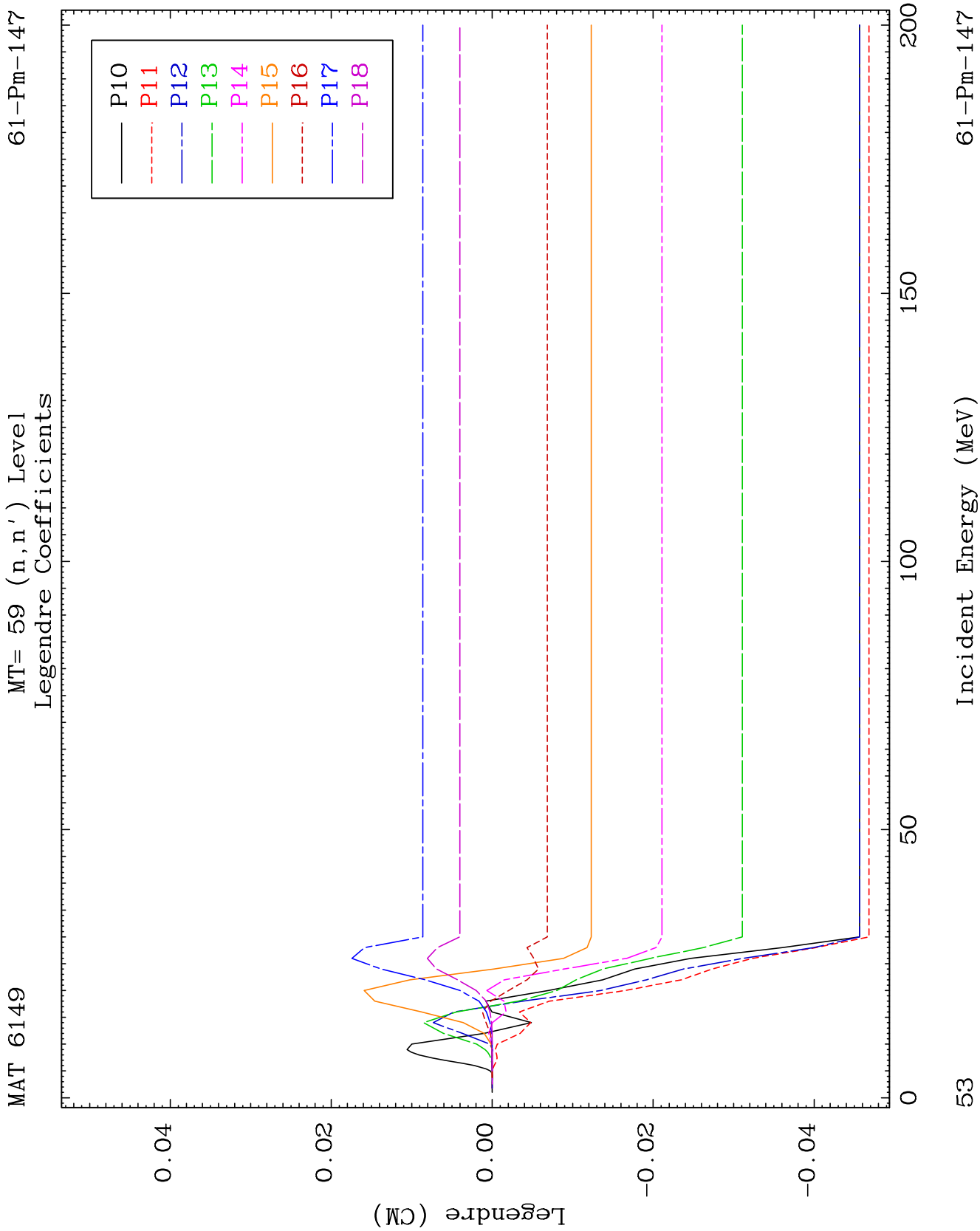
MT= 58 (n, n') Level
Legendre Coefficients

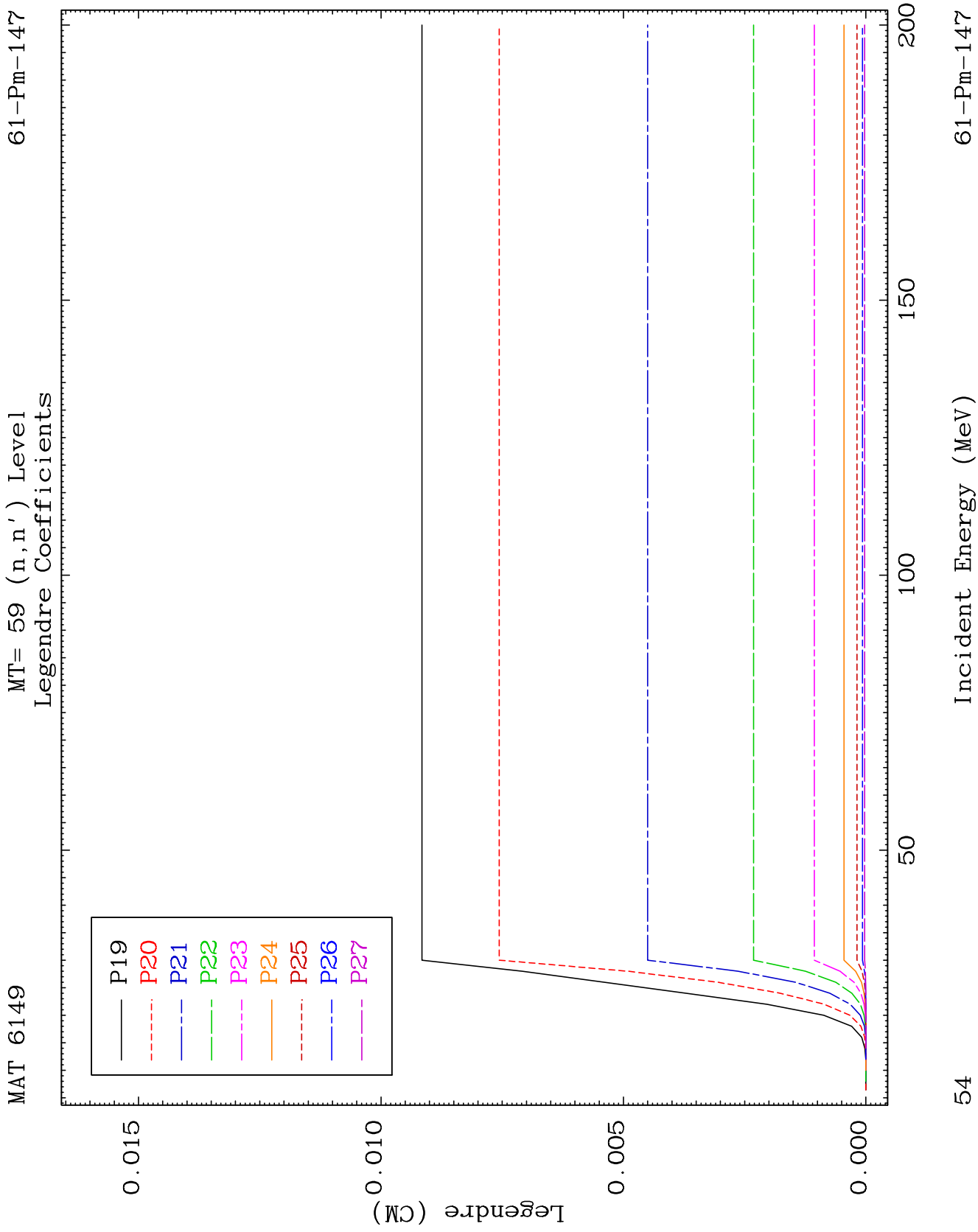
61-Pm-147

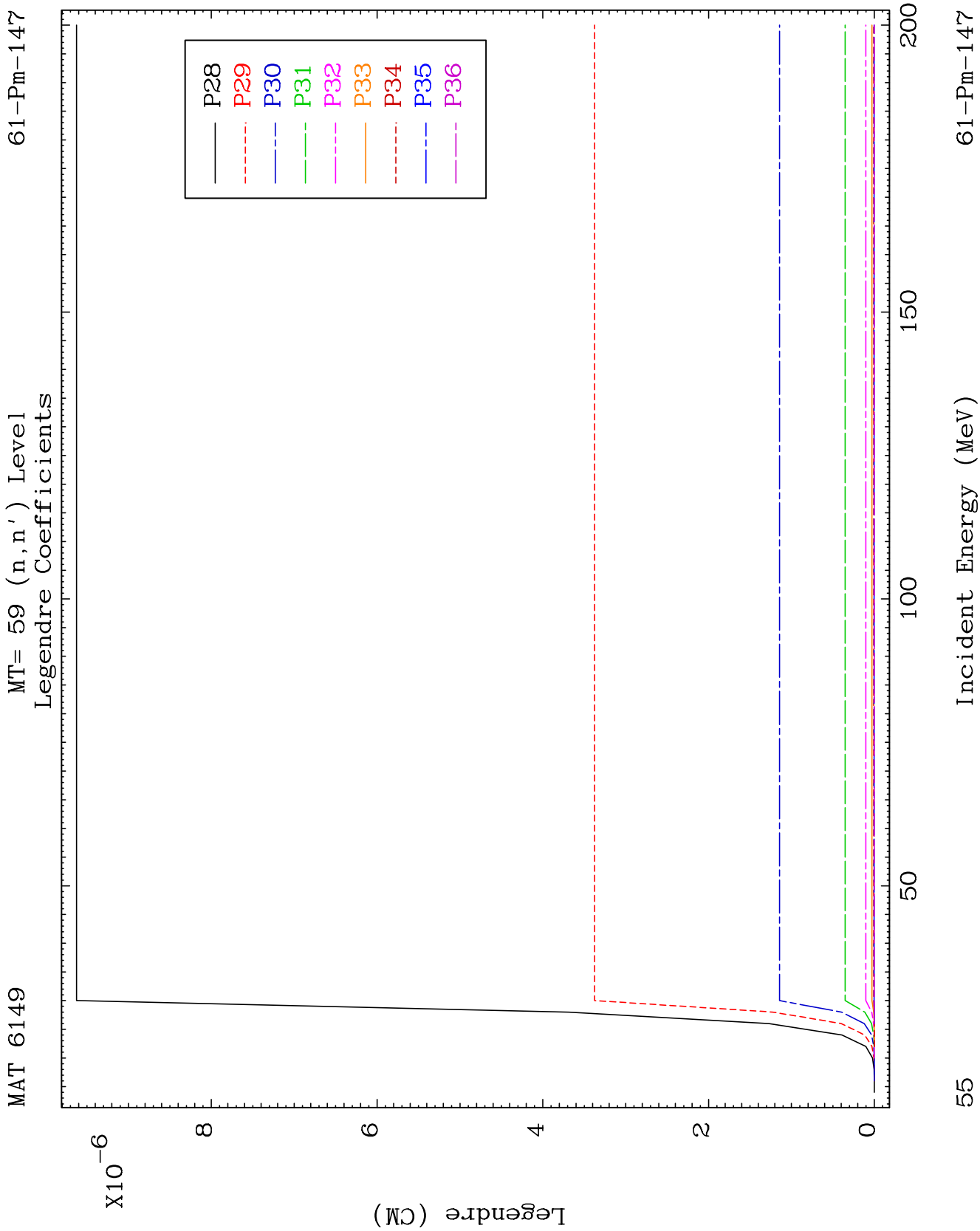


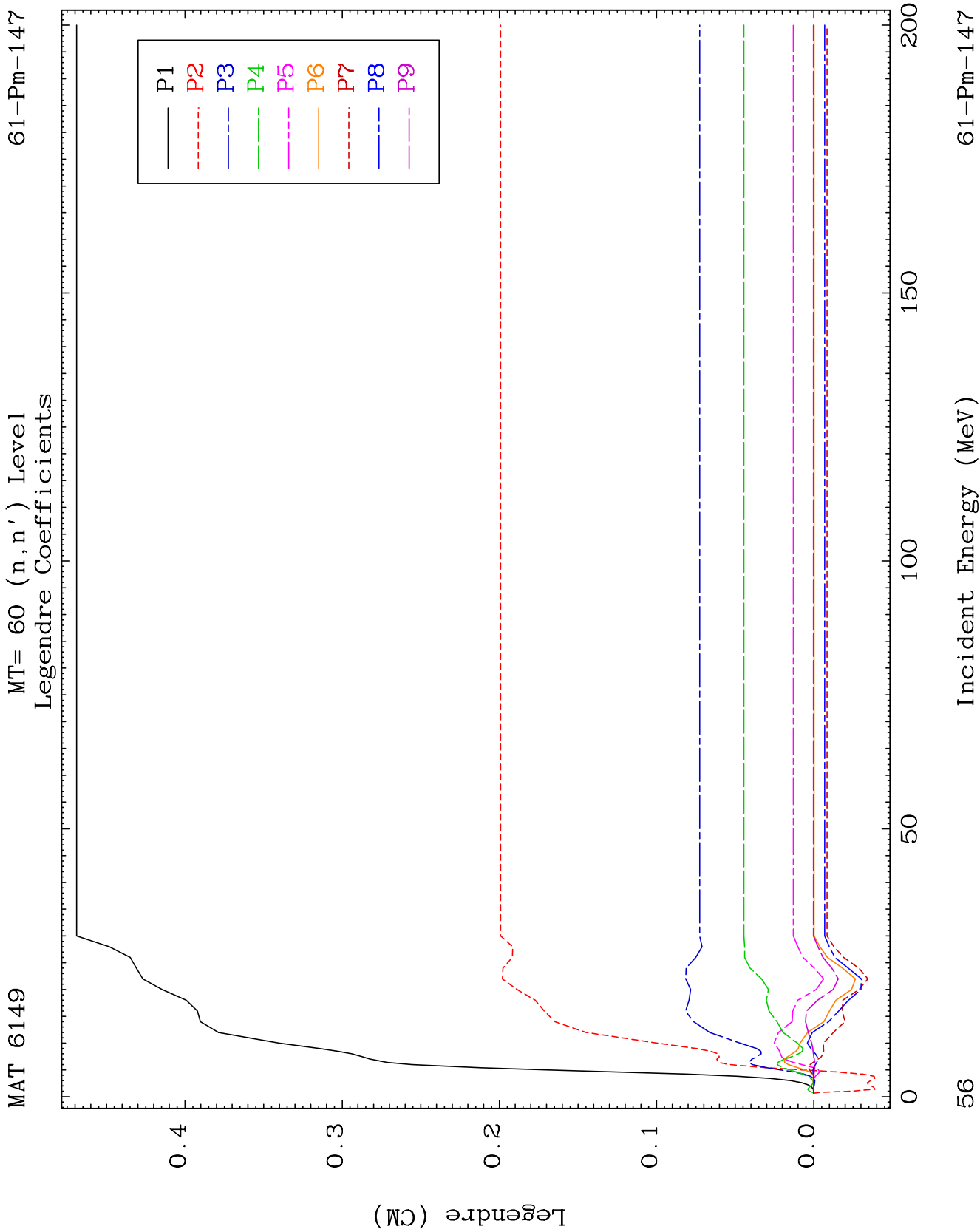








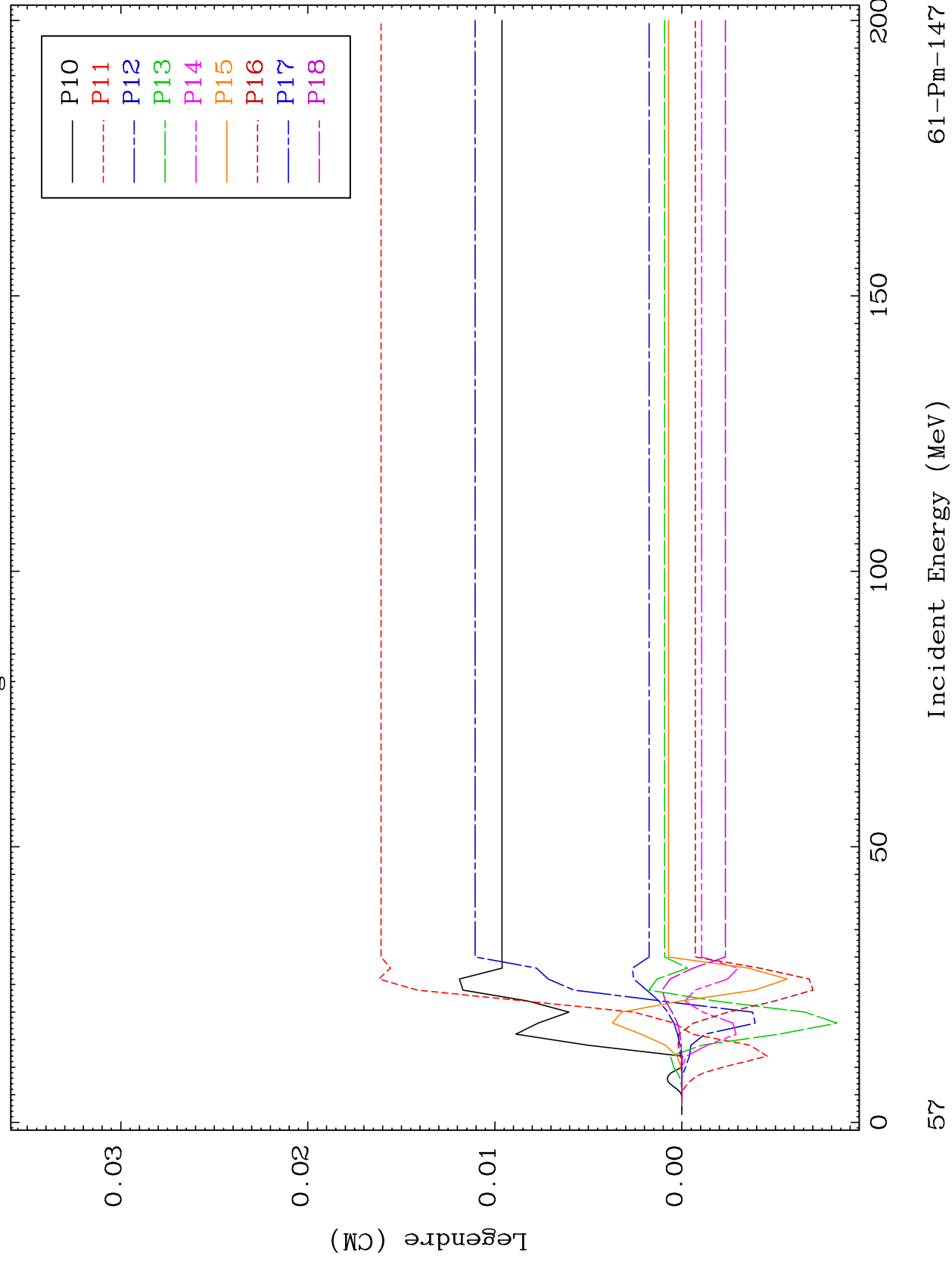


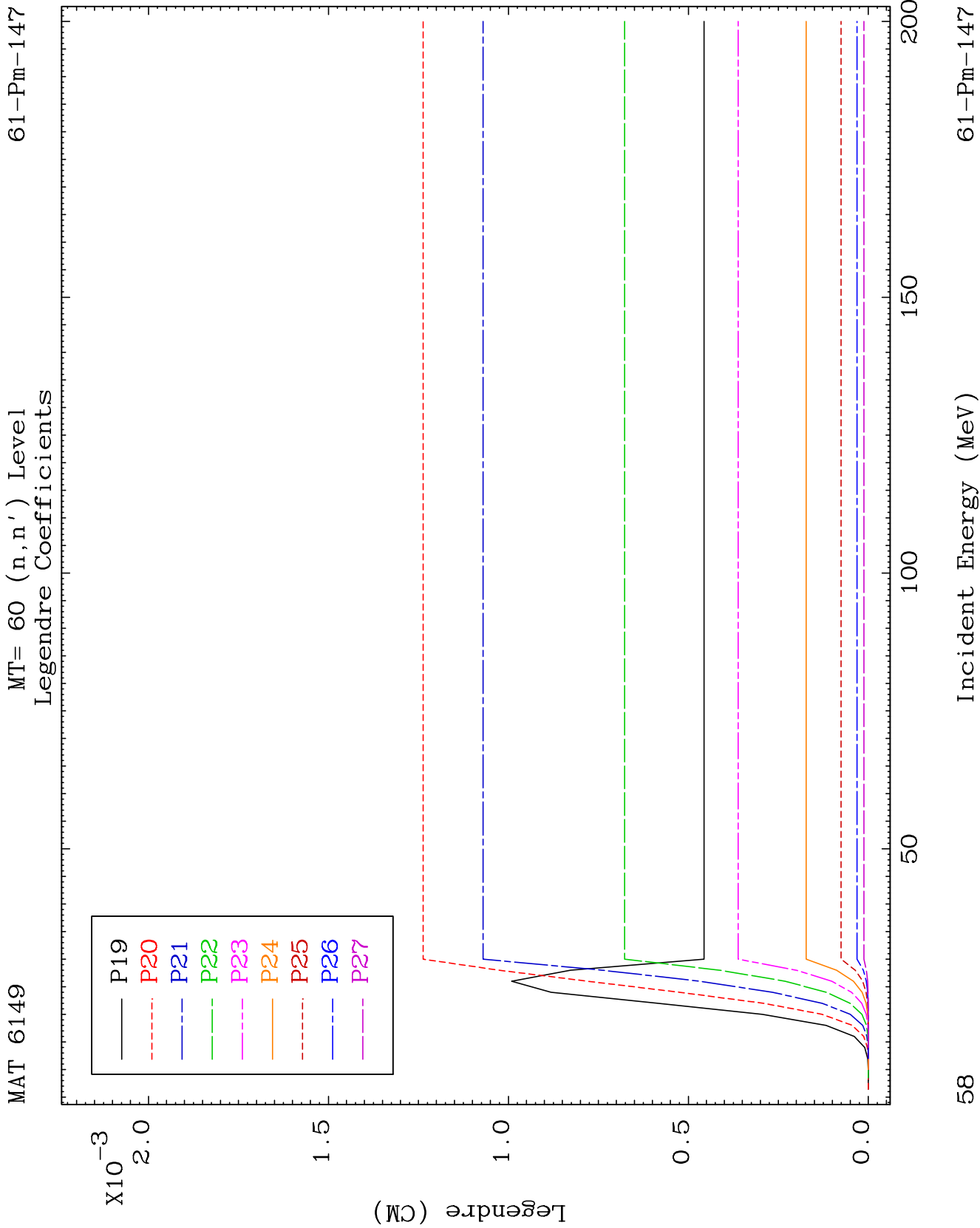


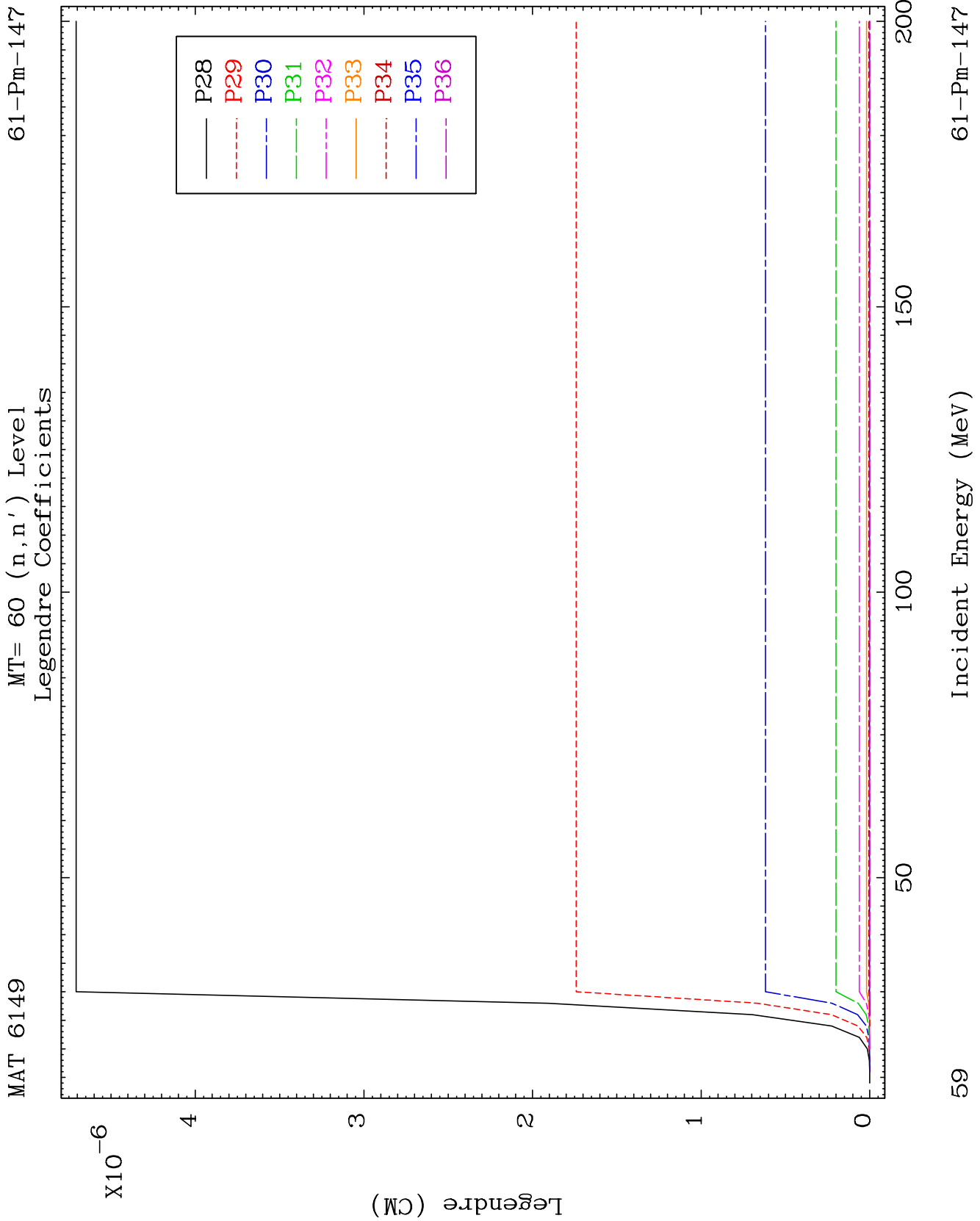
MAT 6149

MT= 60 (n, n') Level
Legendre Coefficients

61-Pm-147



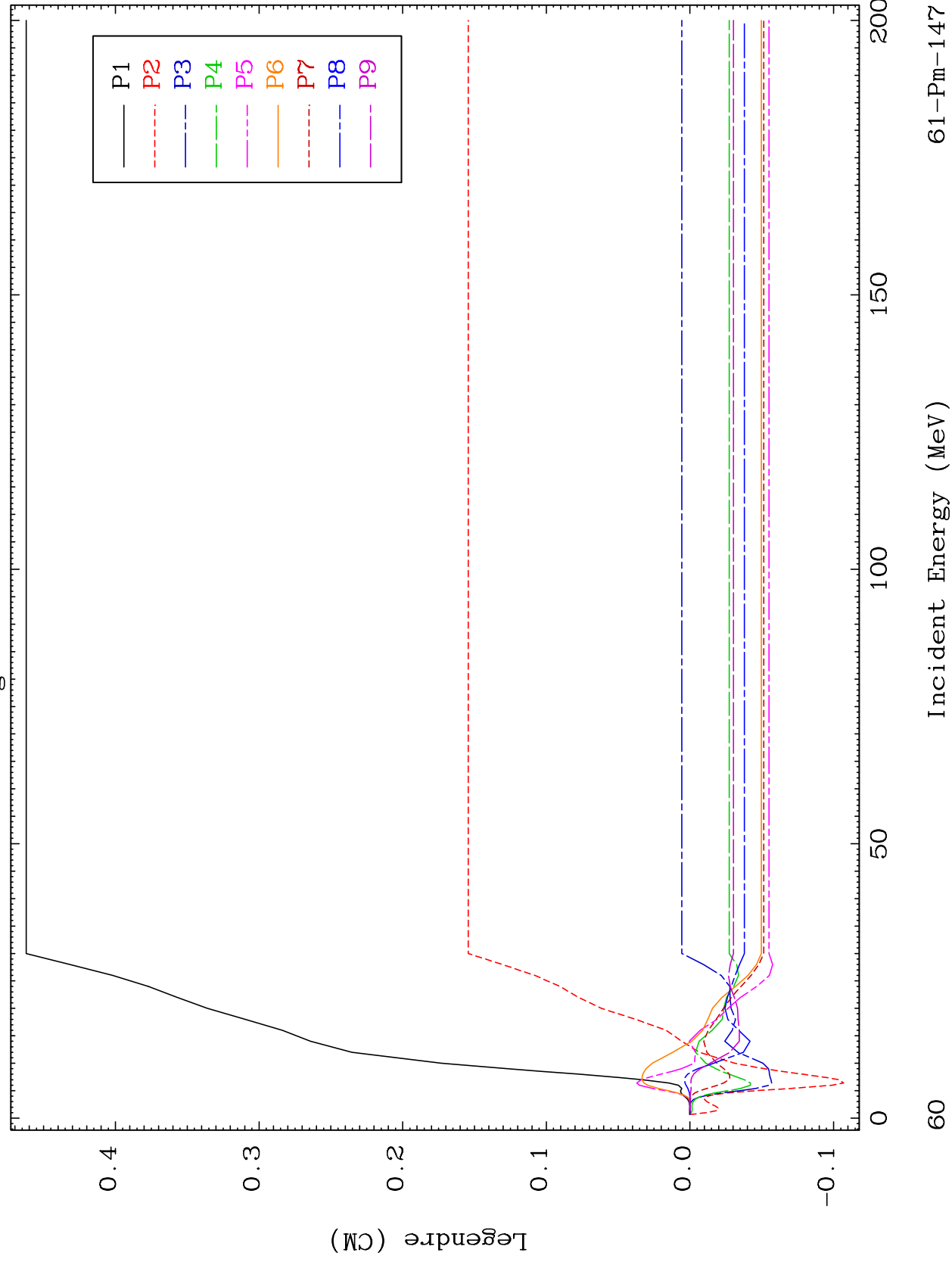


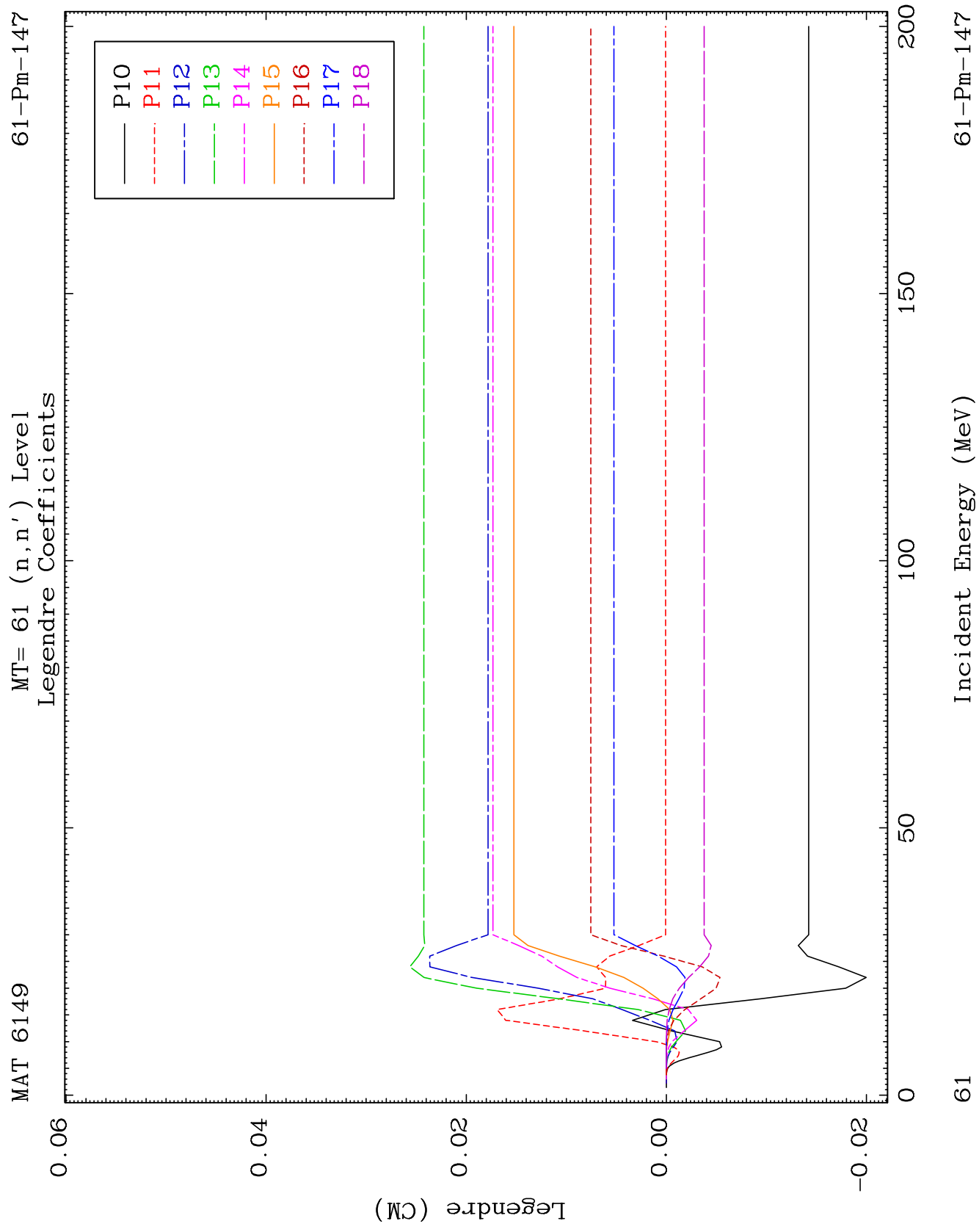


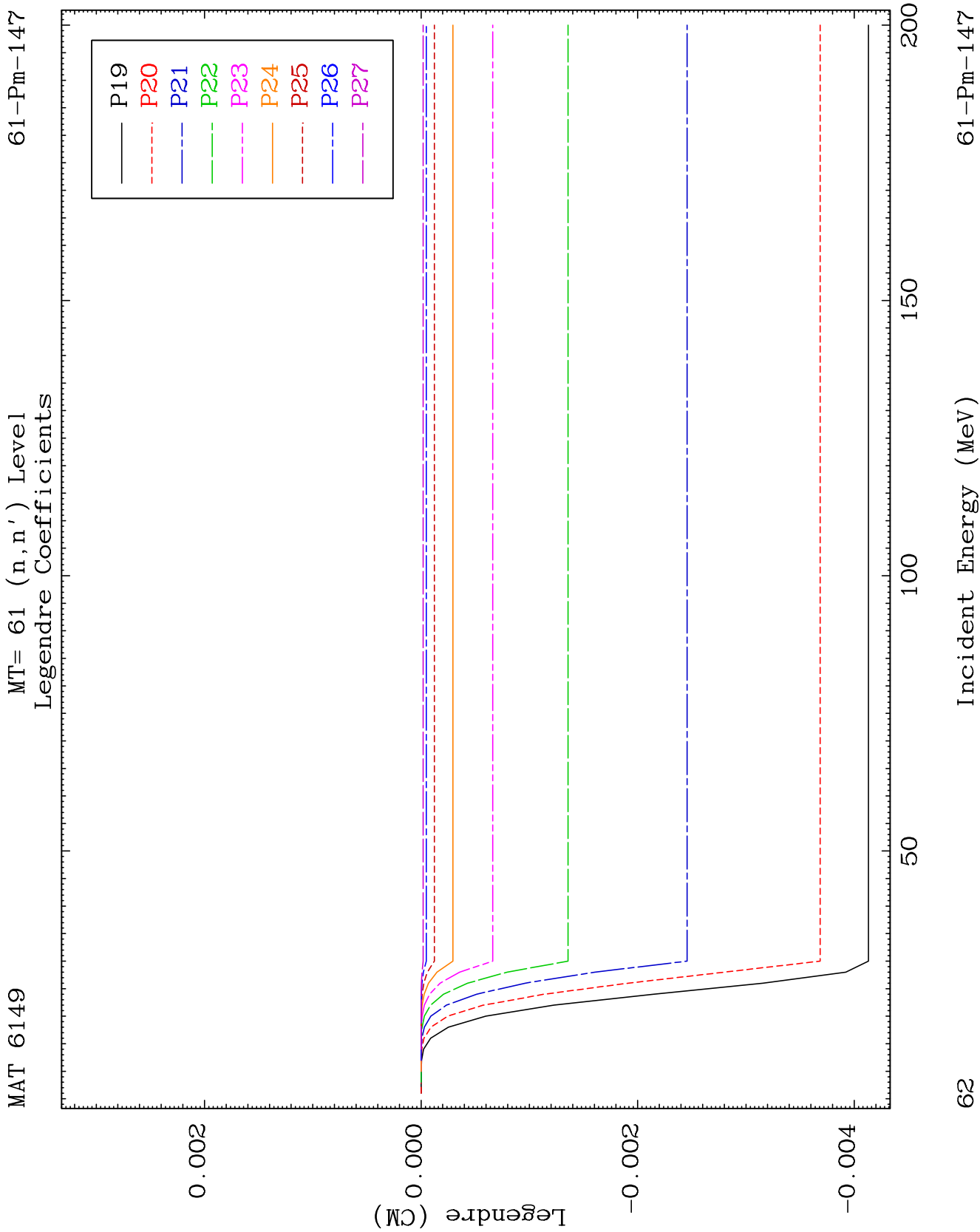
MAT 6149

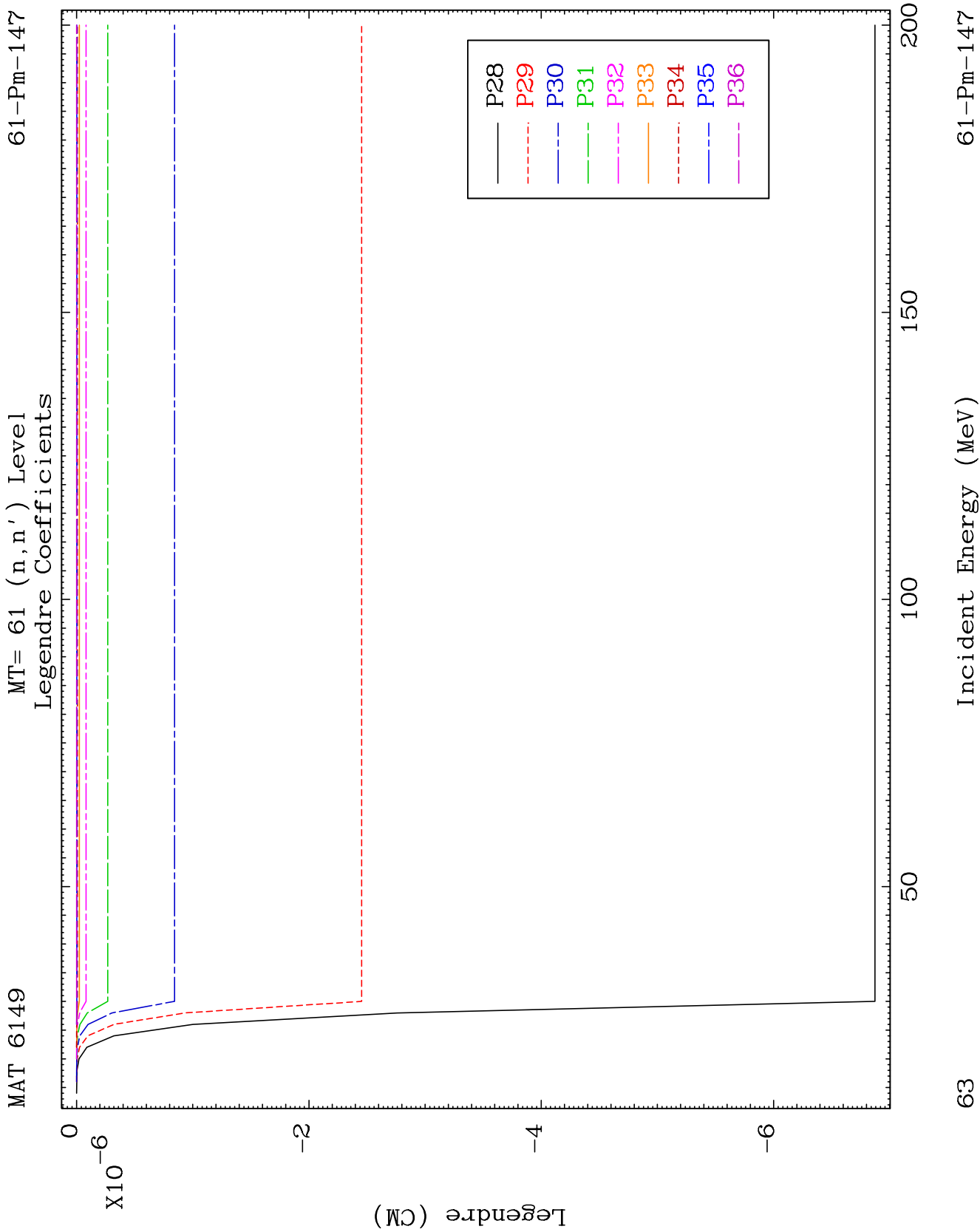
MT= 61 (n, n') Level
Legendre Coefficients

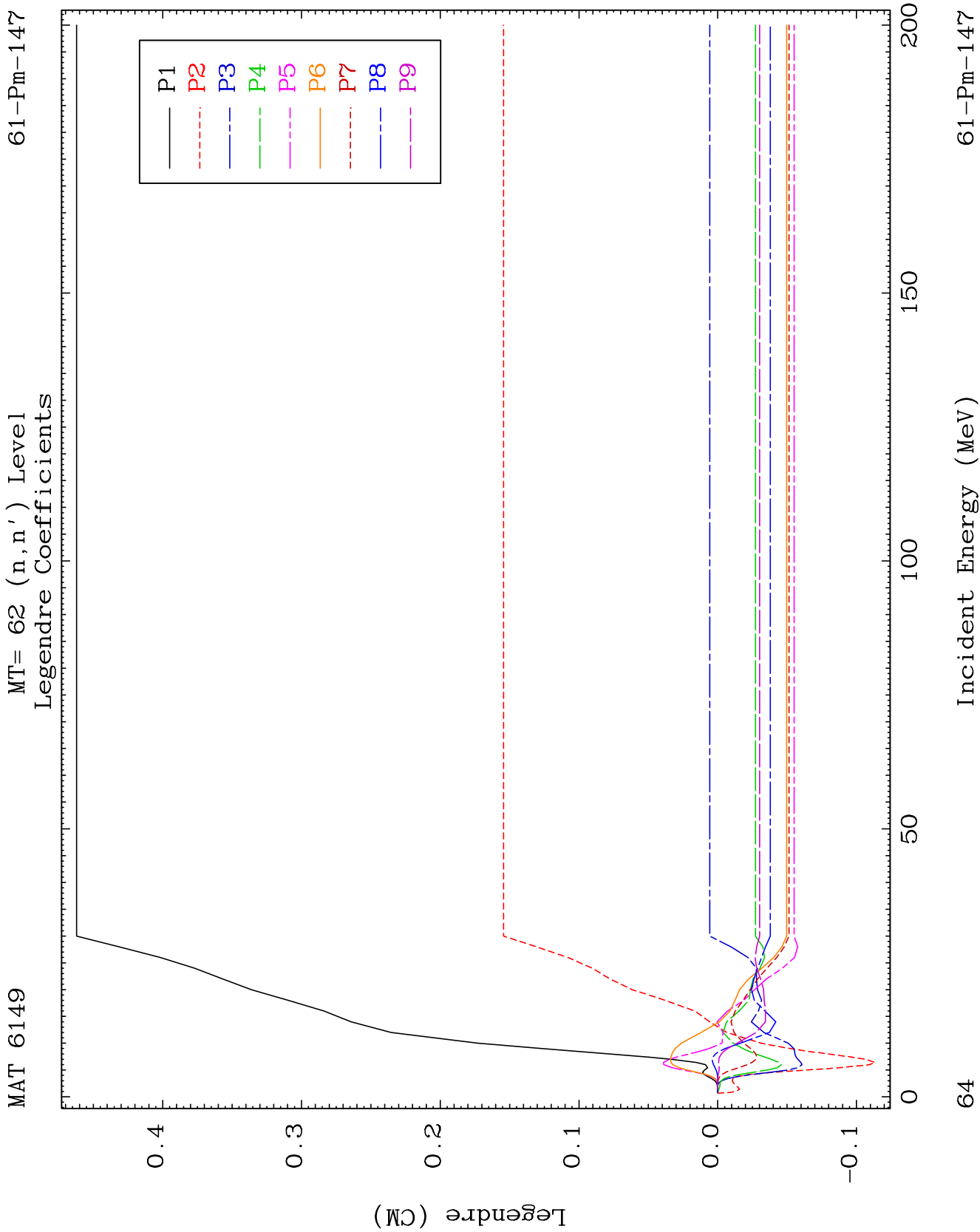
61-Pm-147

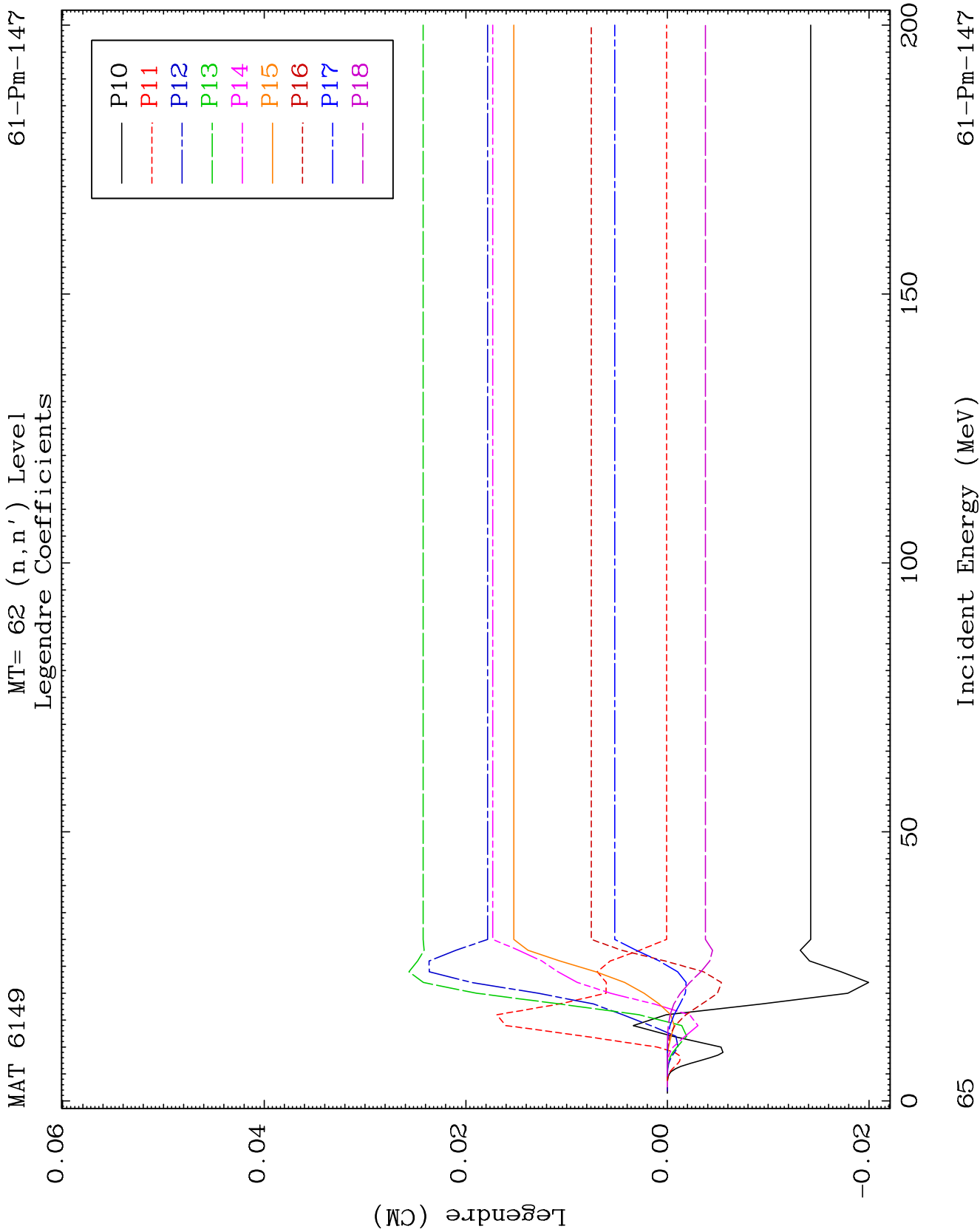


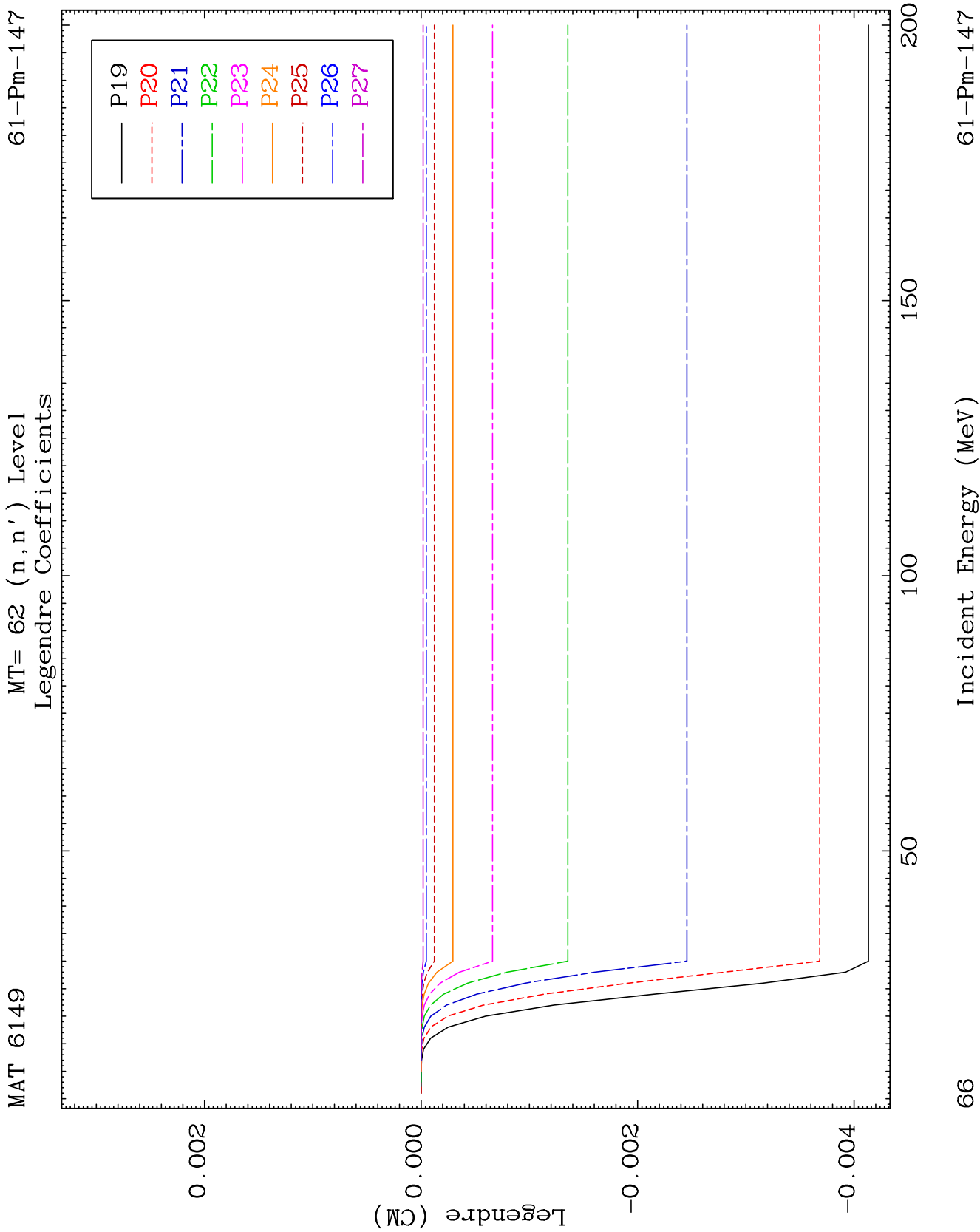


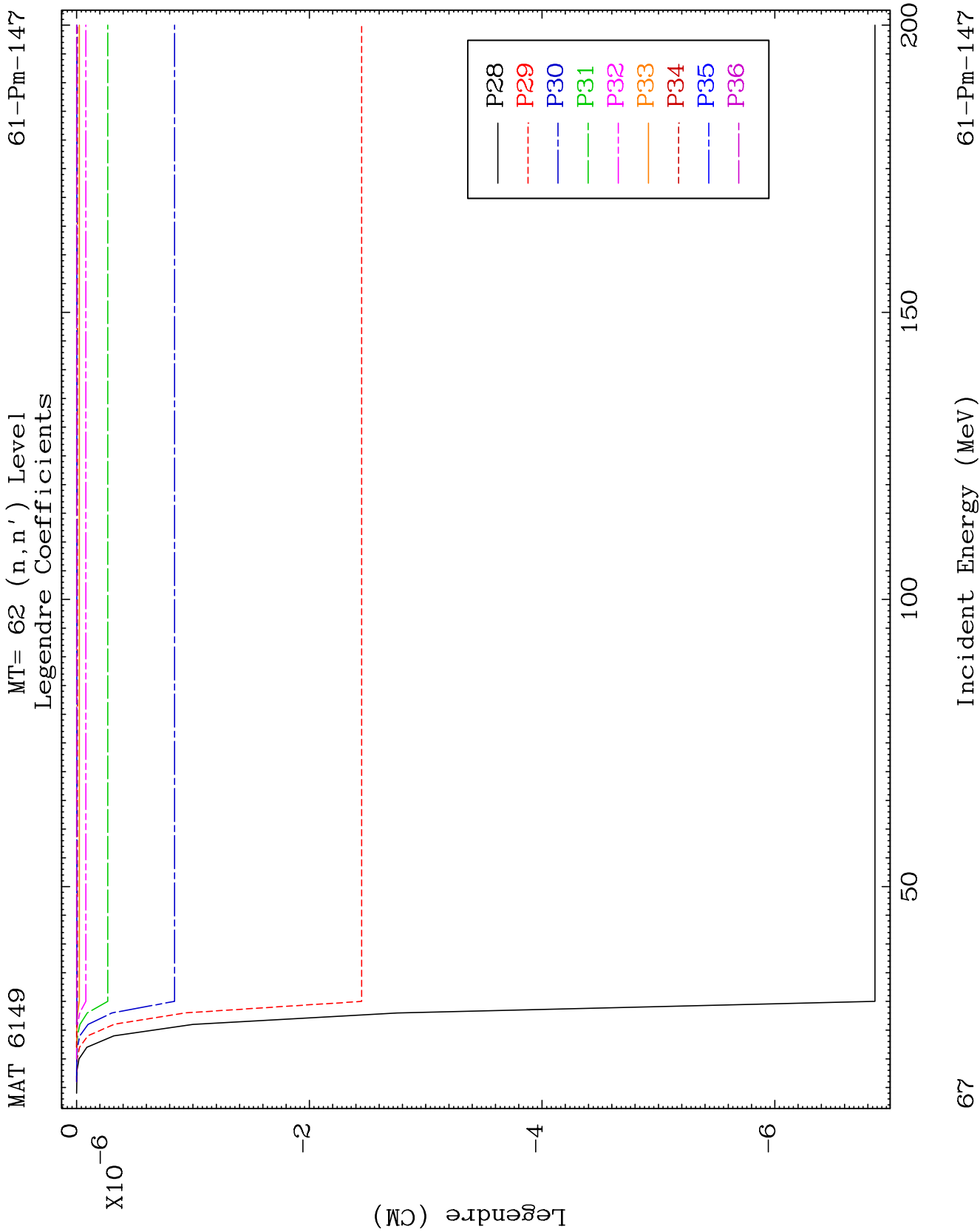


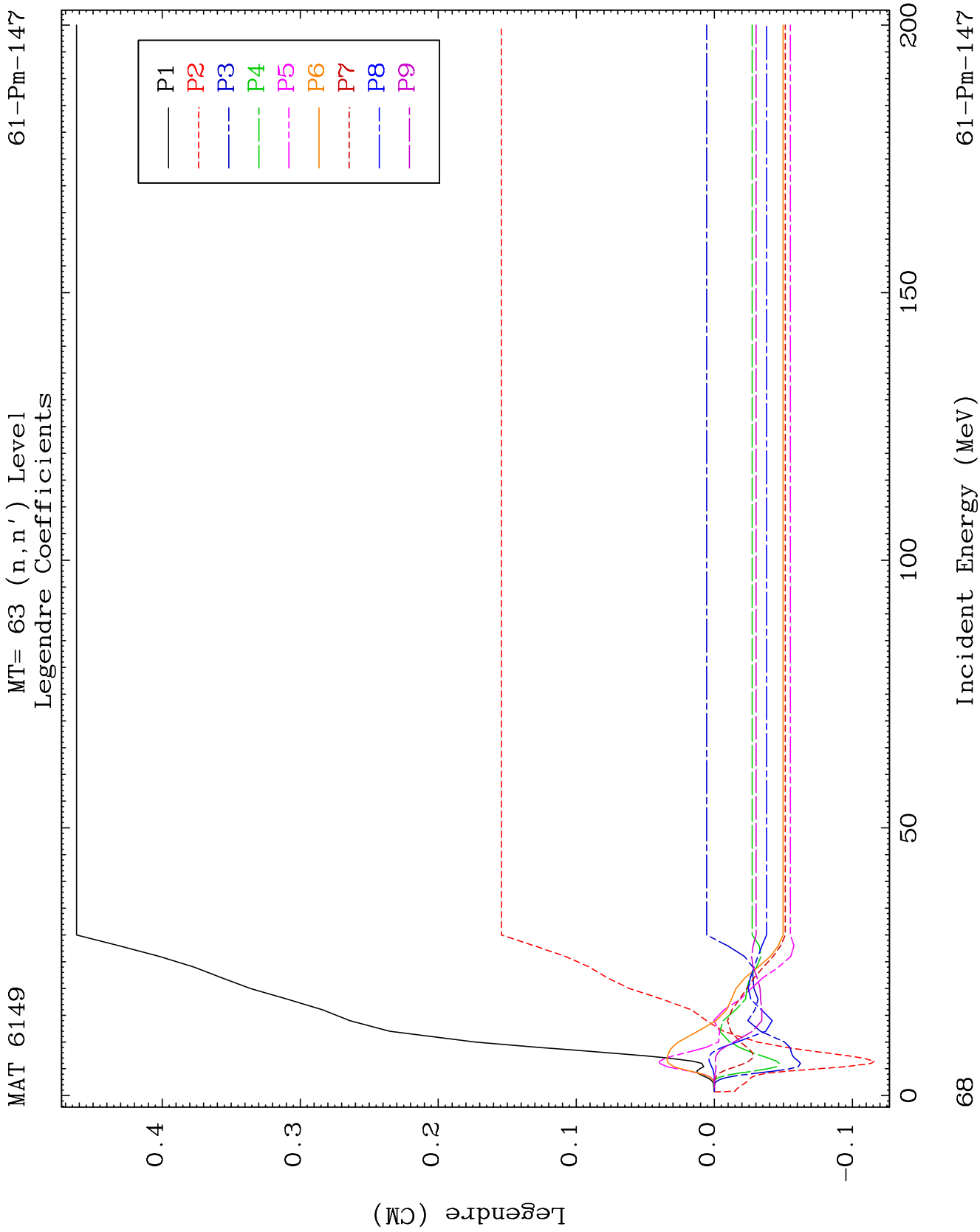


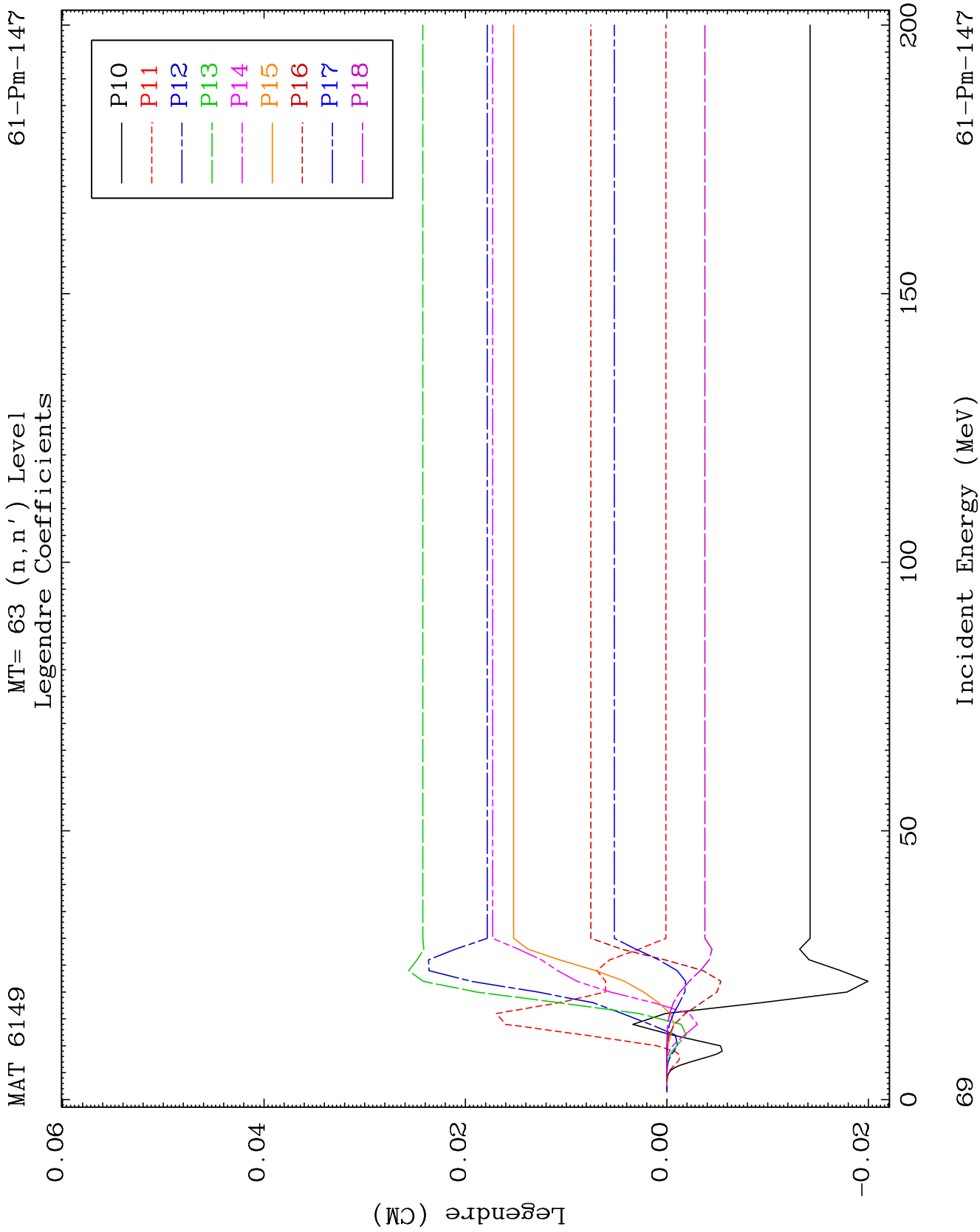








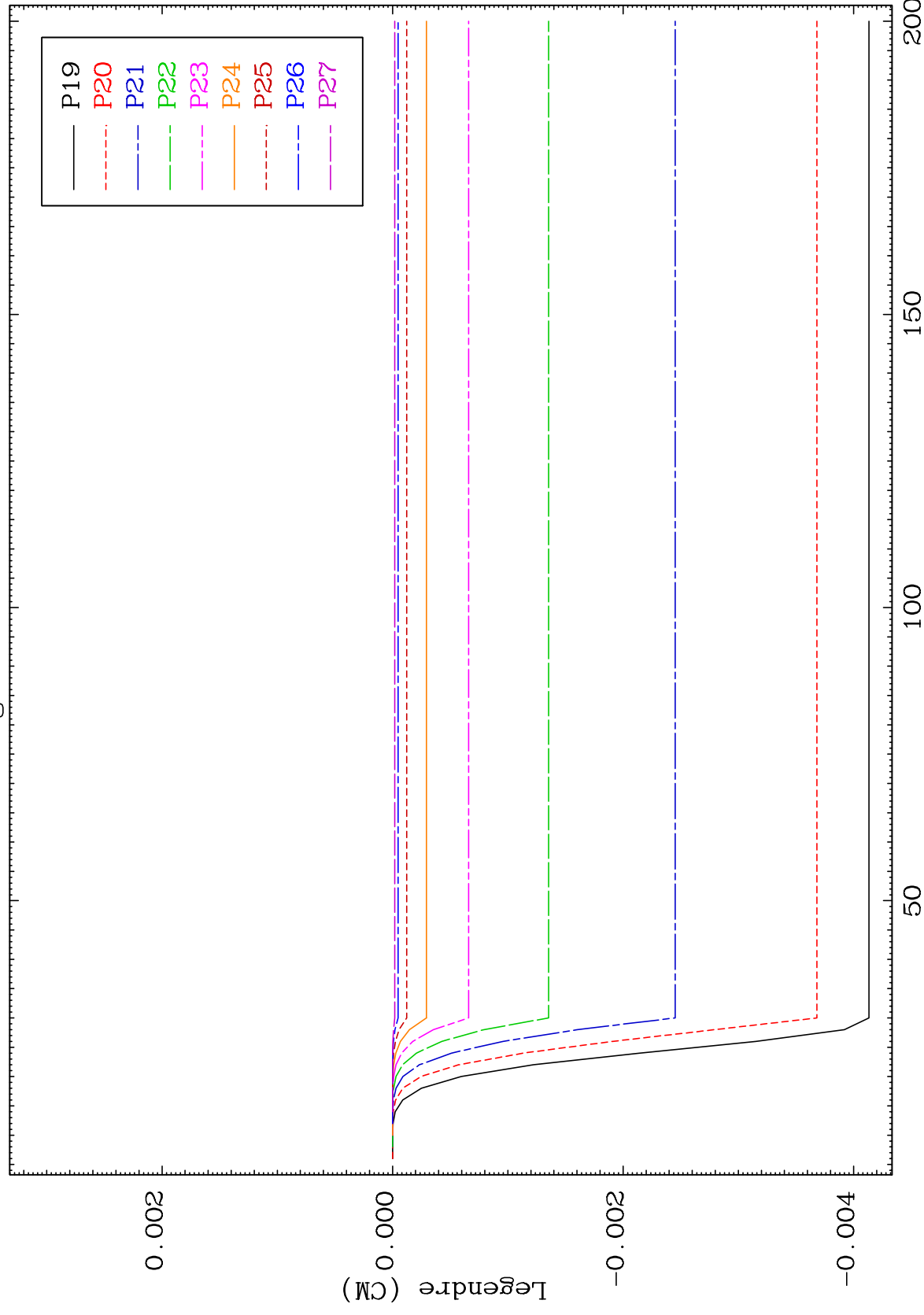




MAT 6149

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

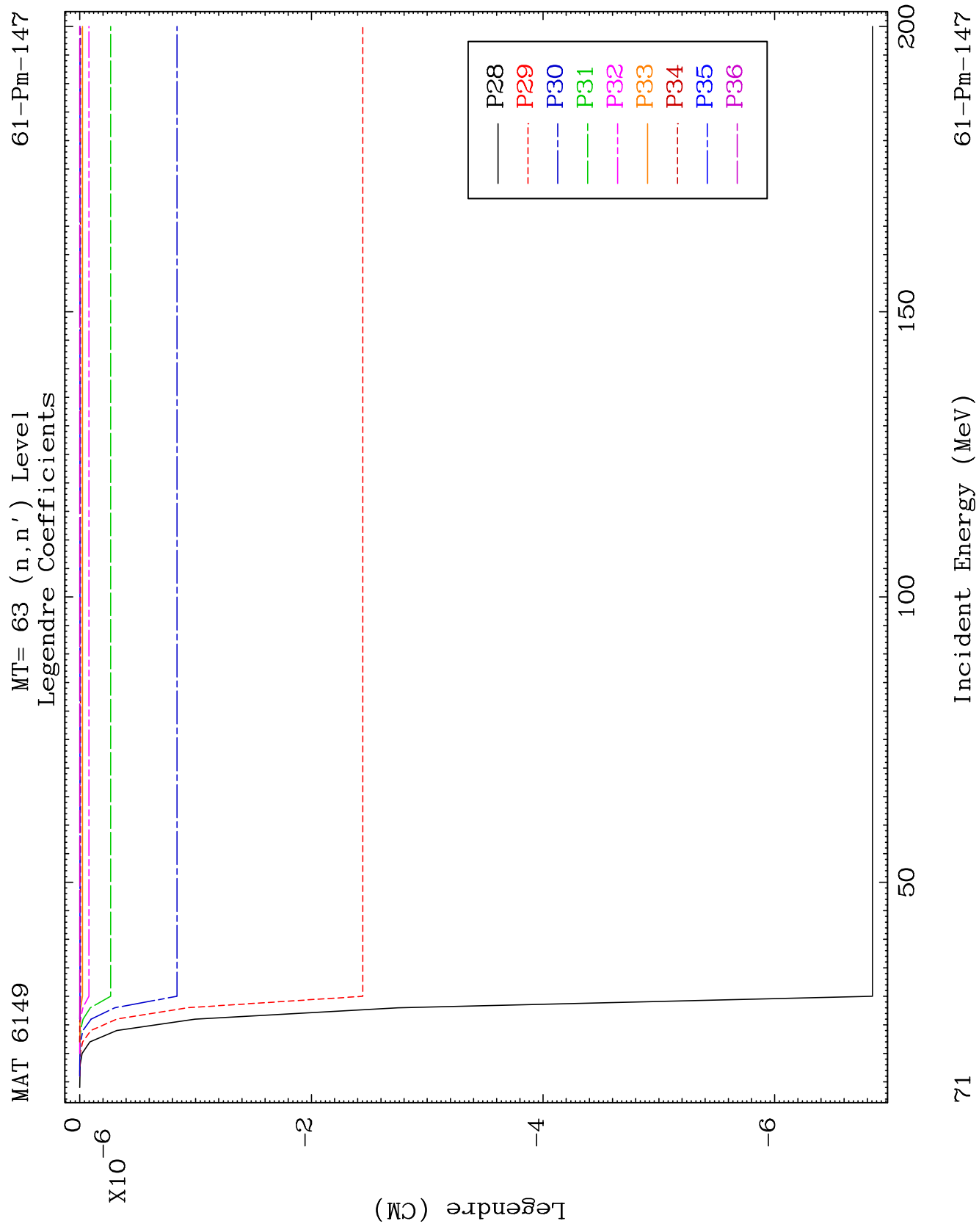
61-Pm-147

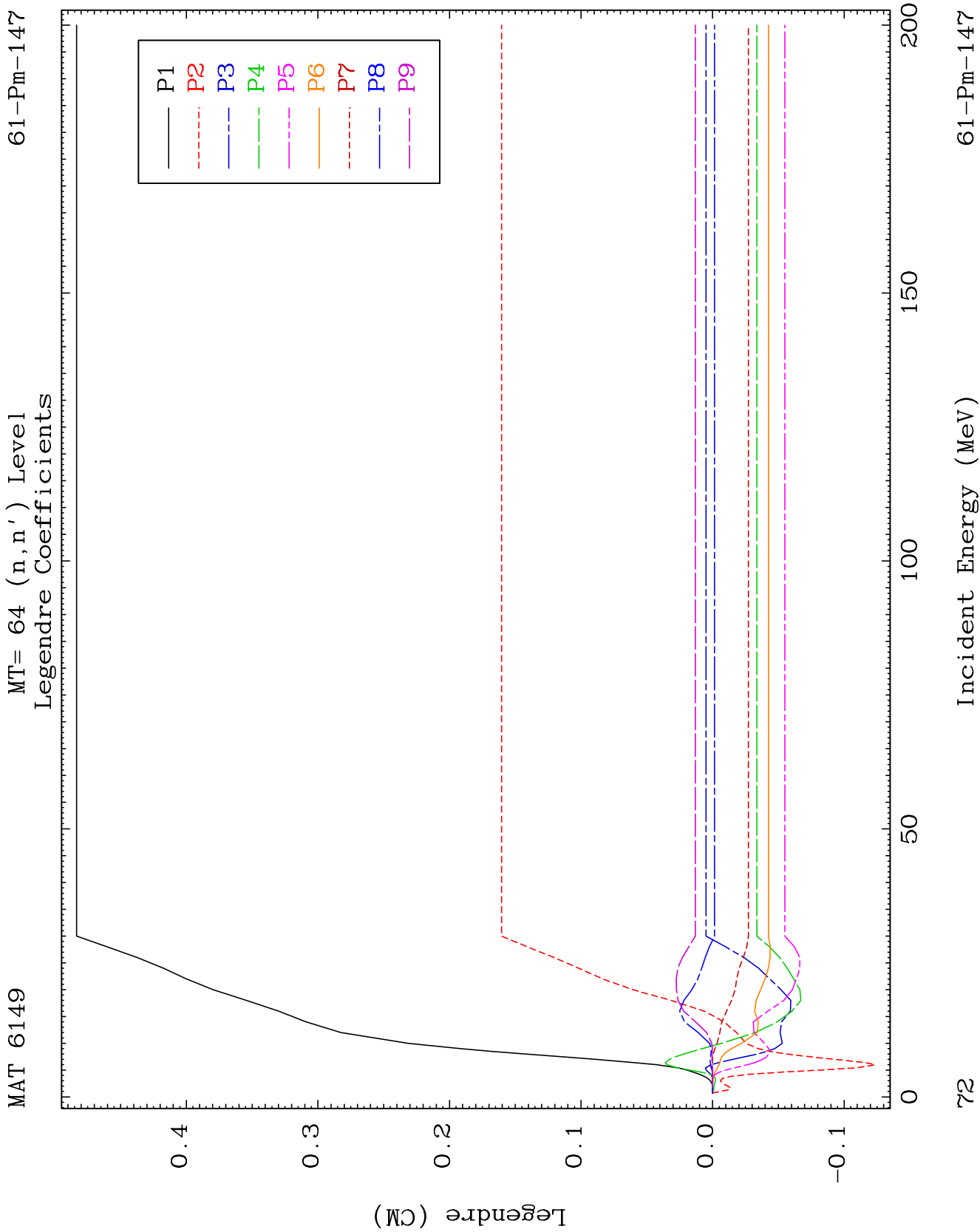


02

Incident Energy (MeV)

61-Pm-147

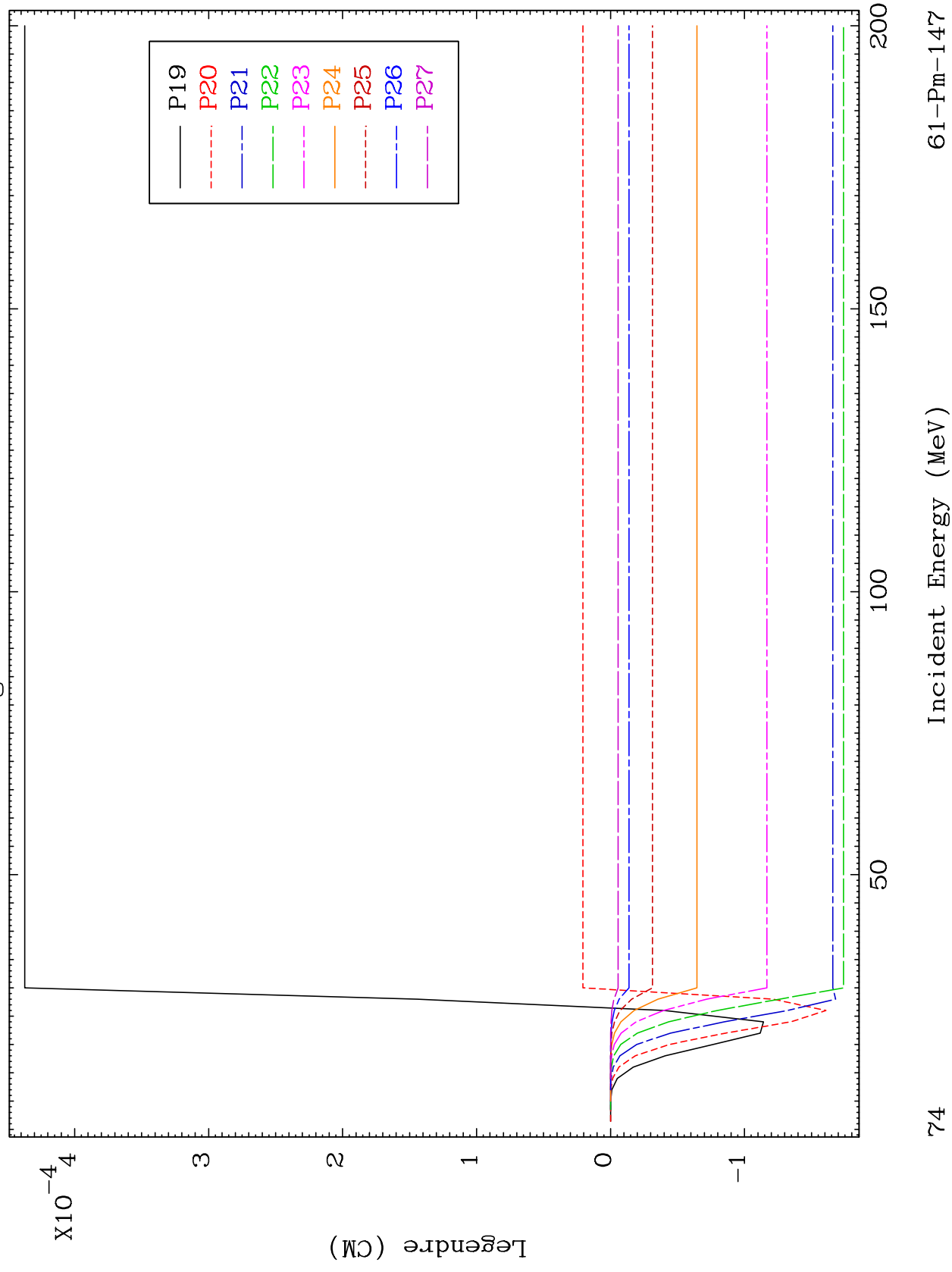


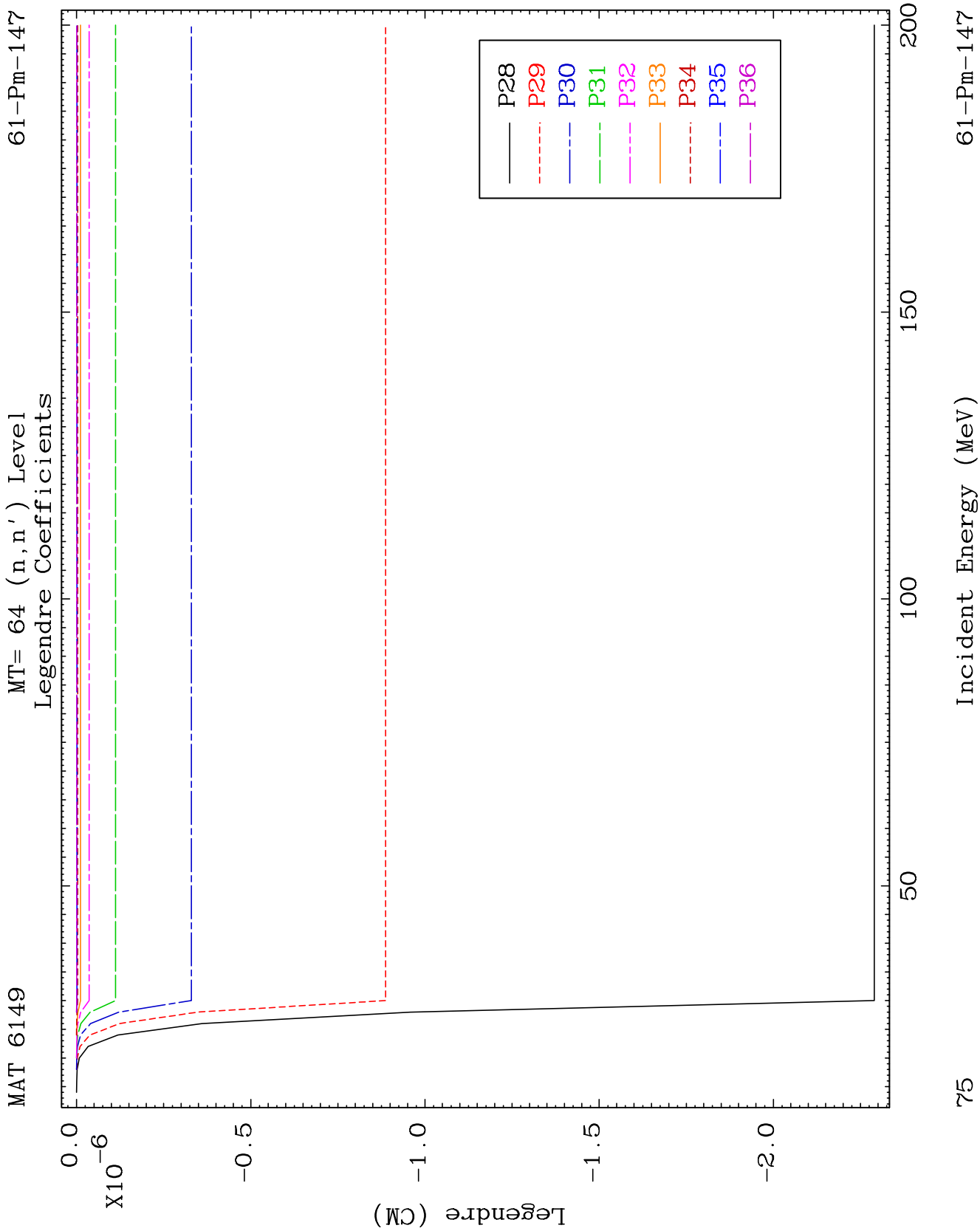


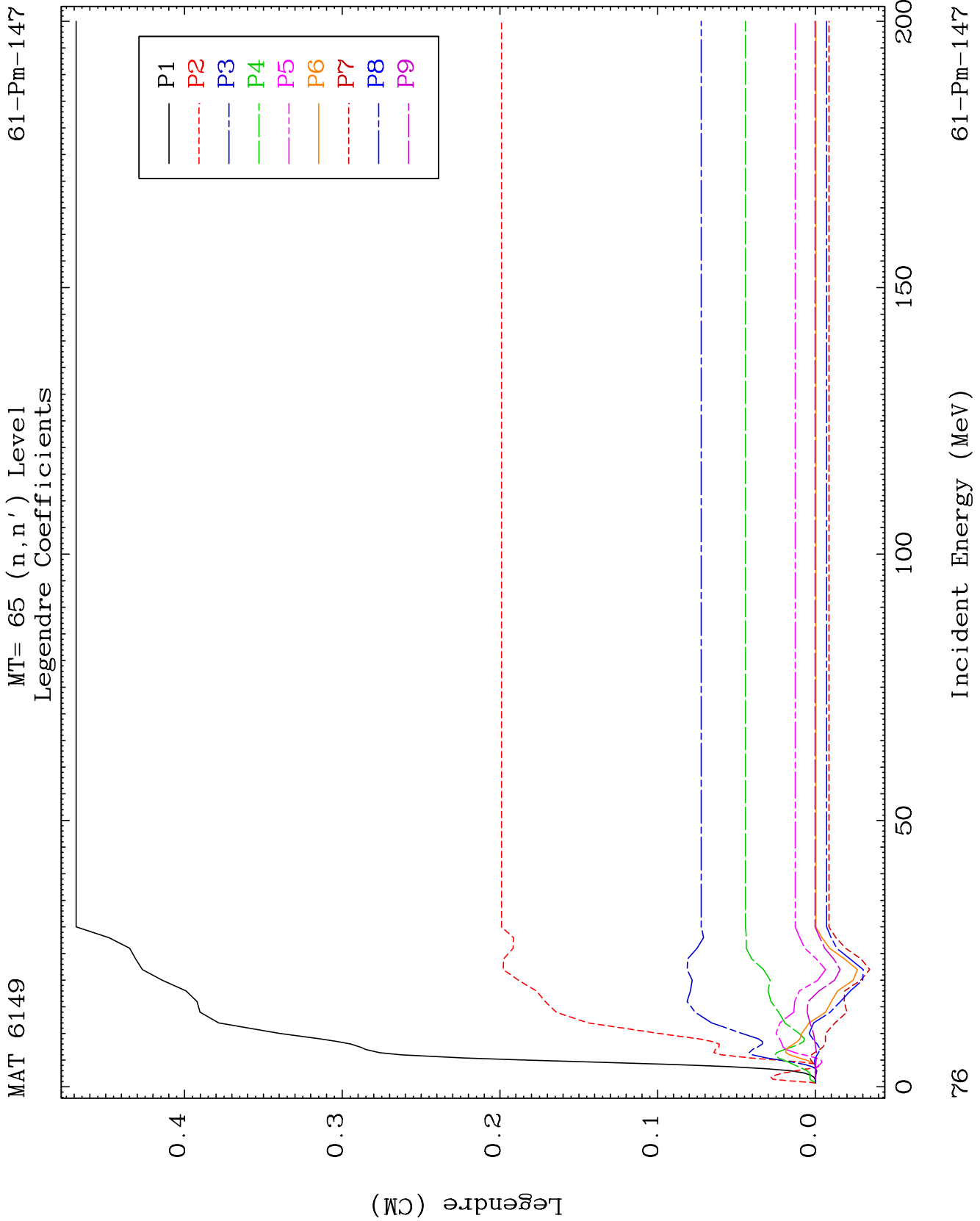
MAT 6149

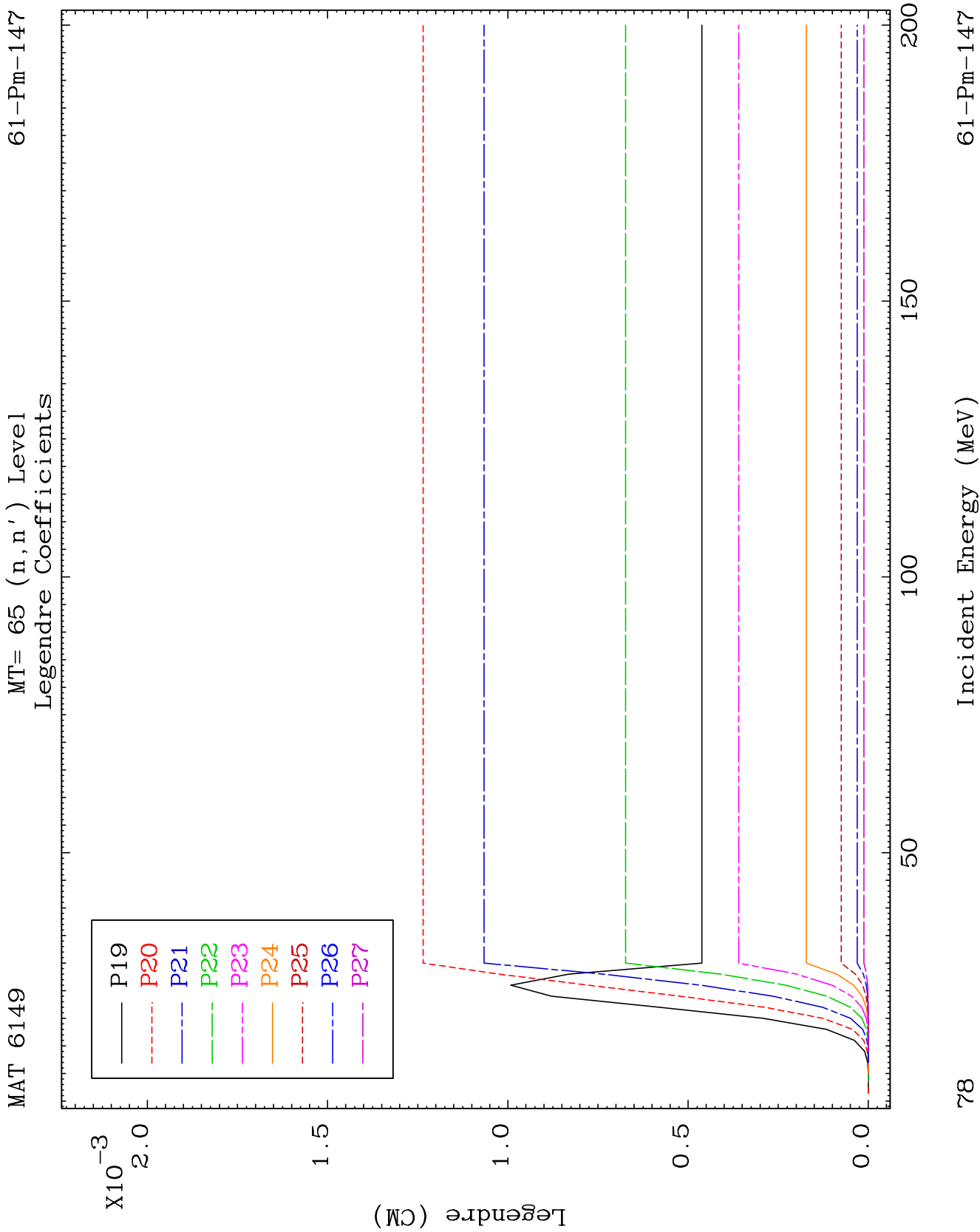
MT= 64 (n, n') Level
Legendre Coefficients

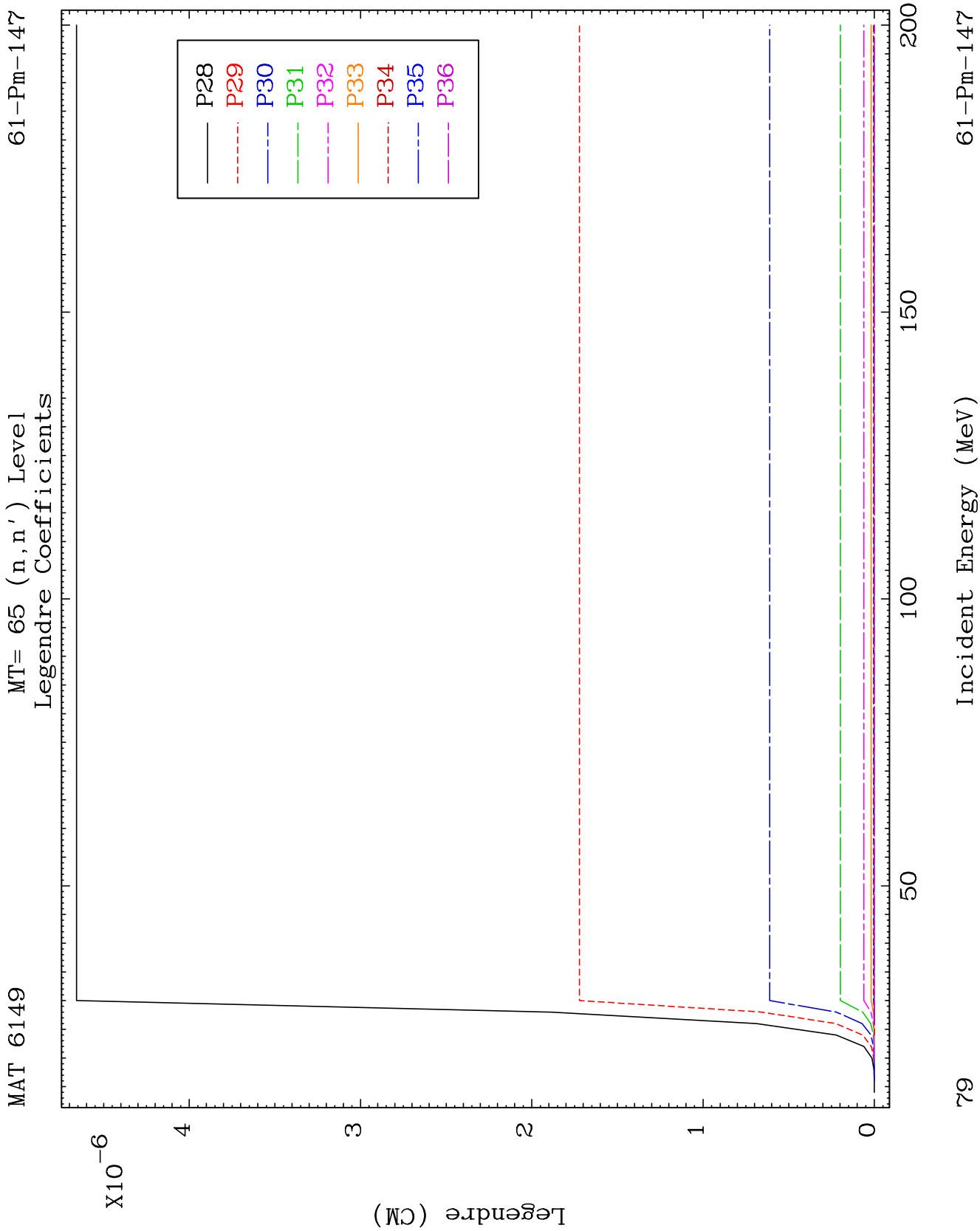
61-Pm-147

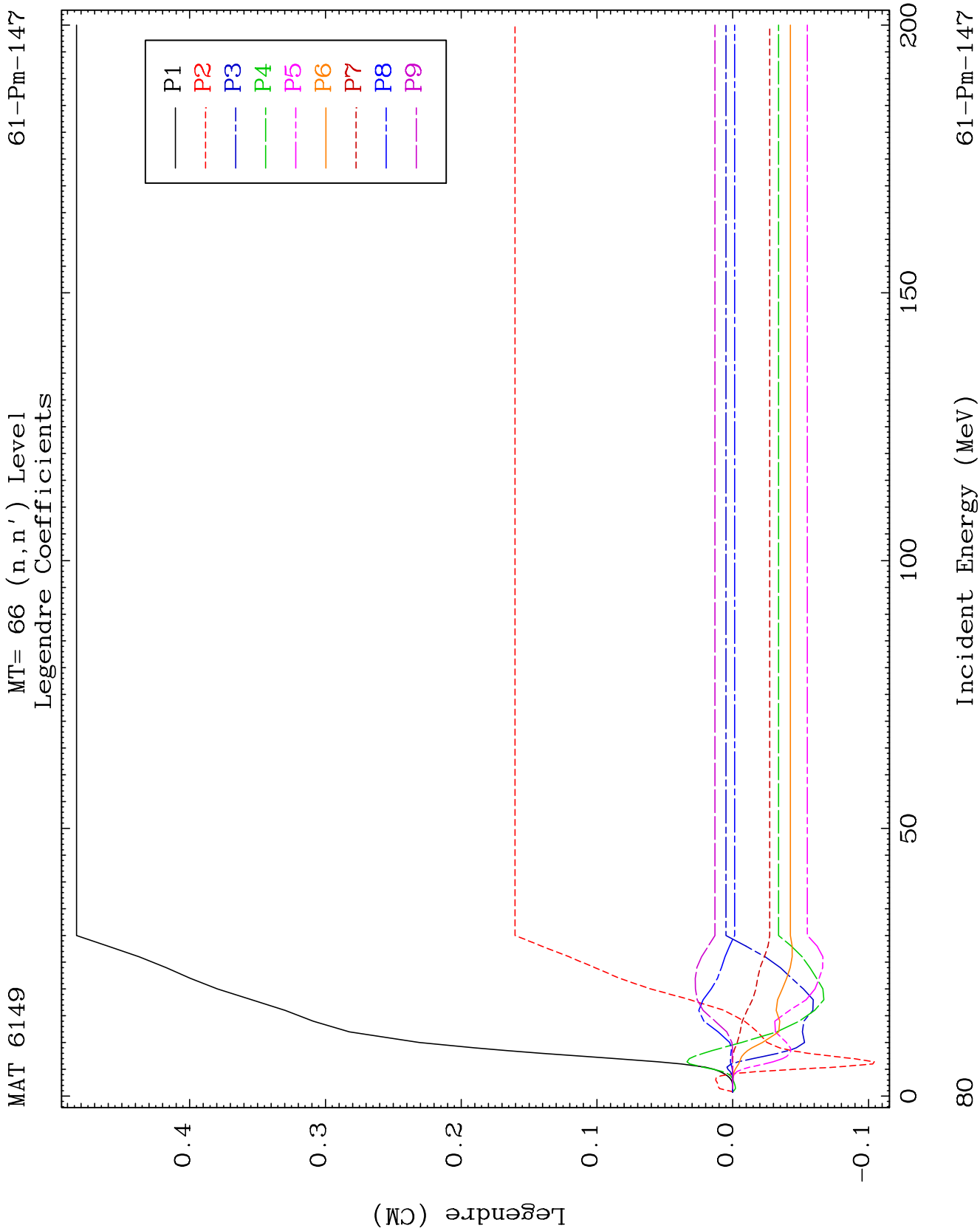








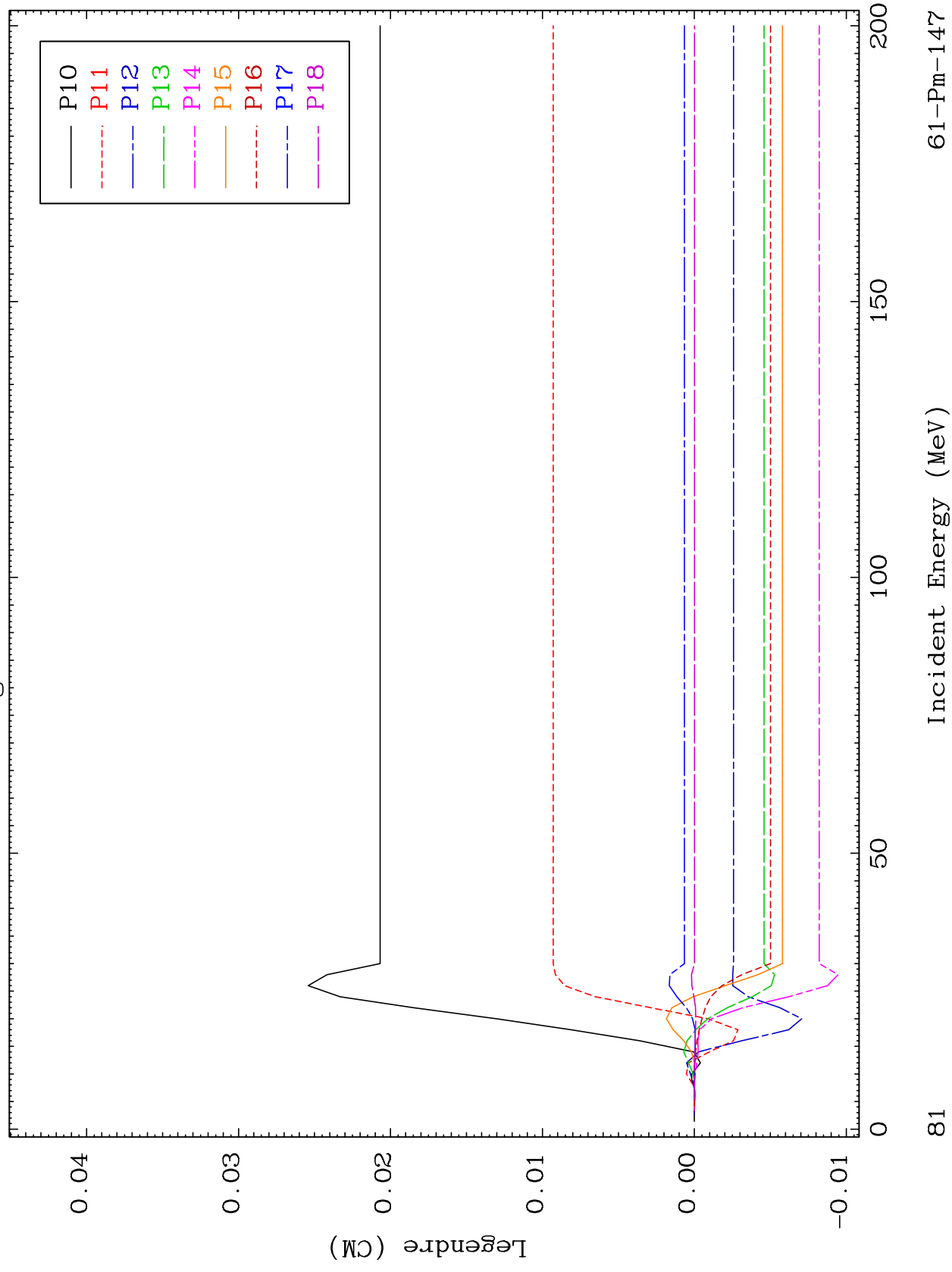


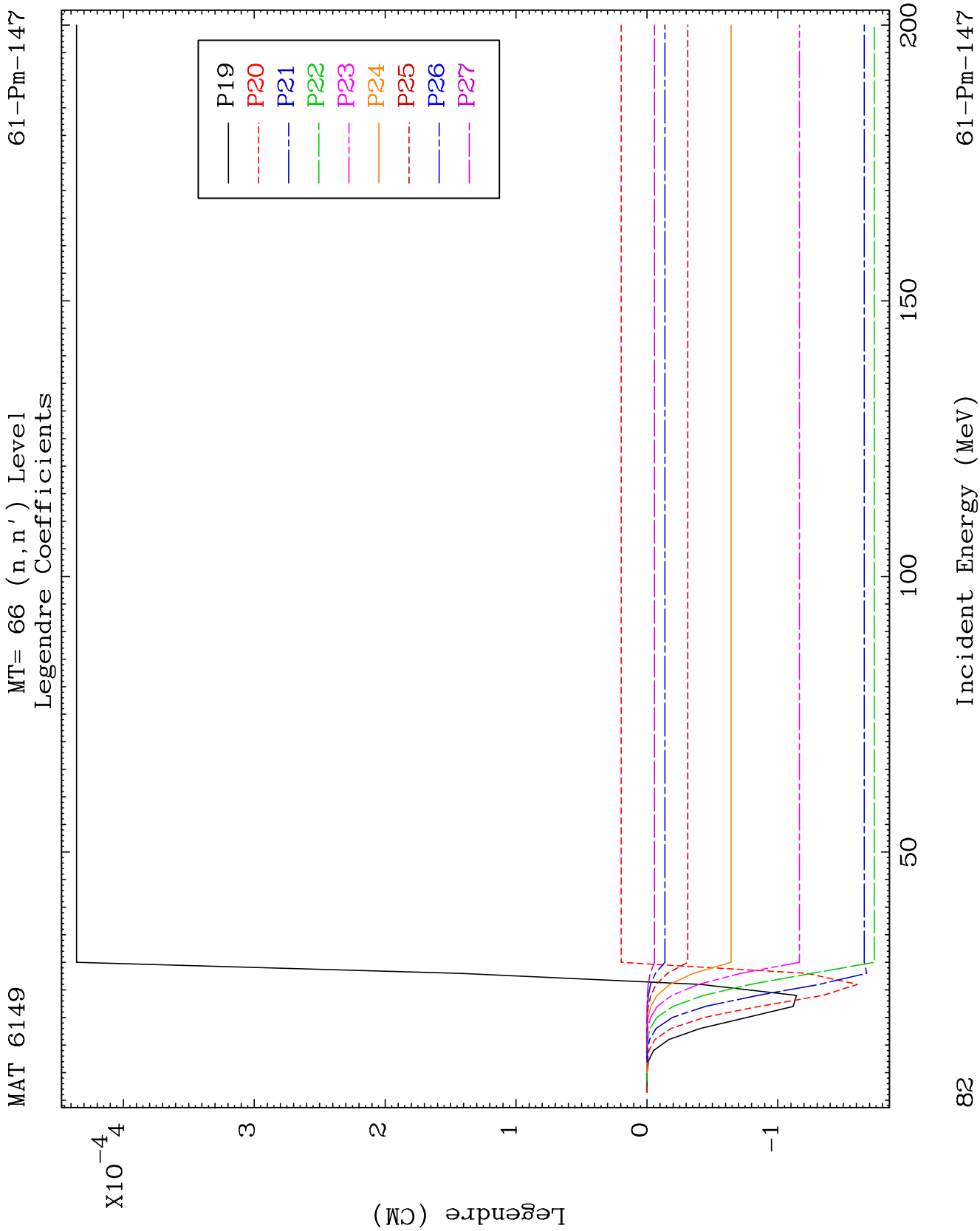


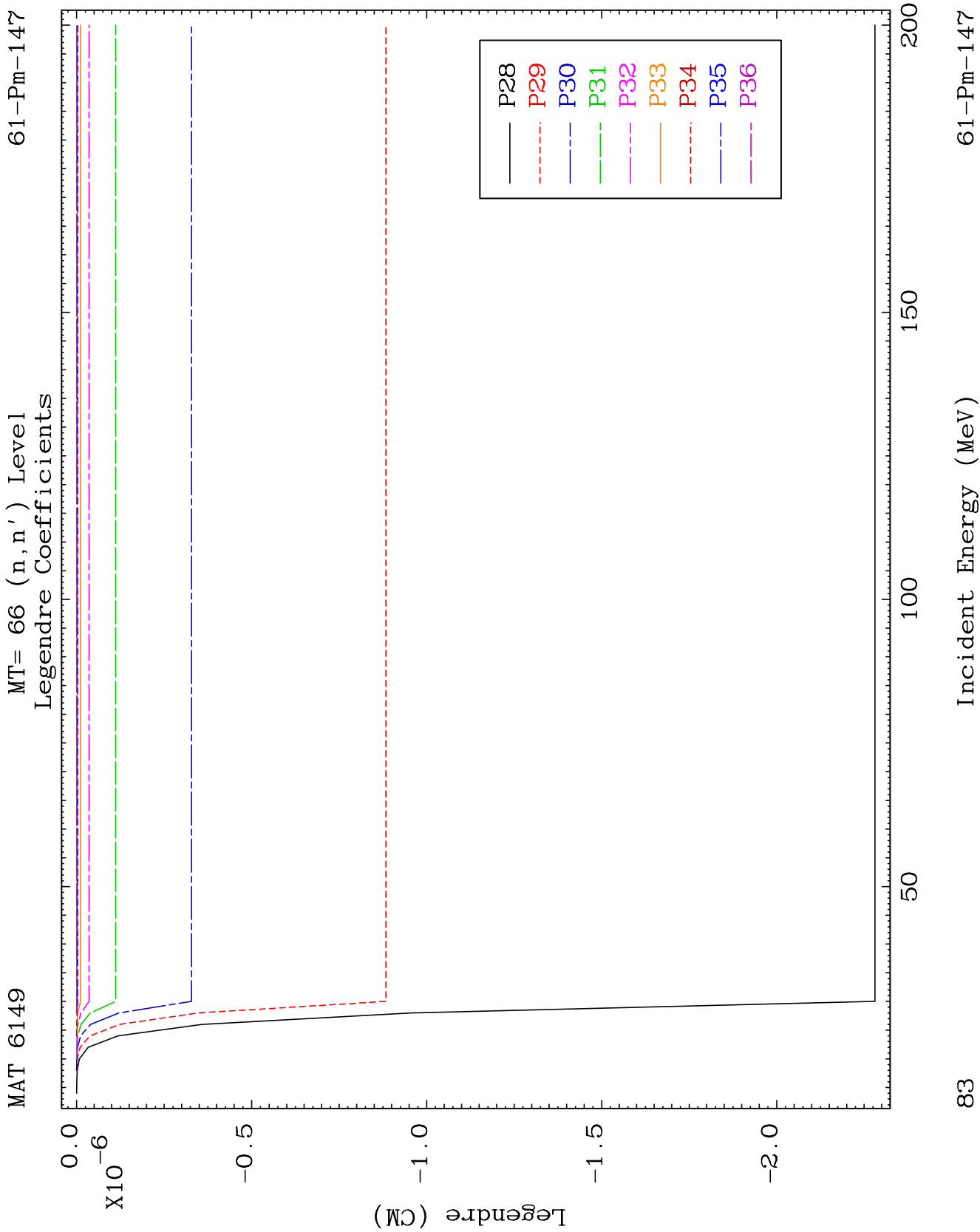
MAT 6149

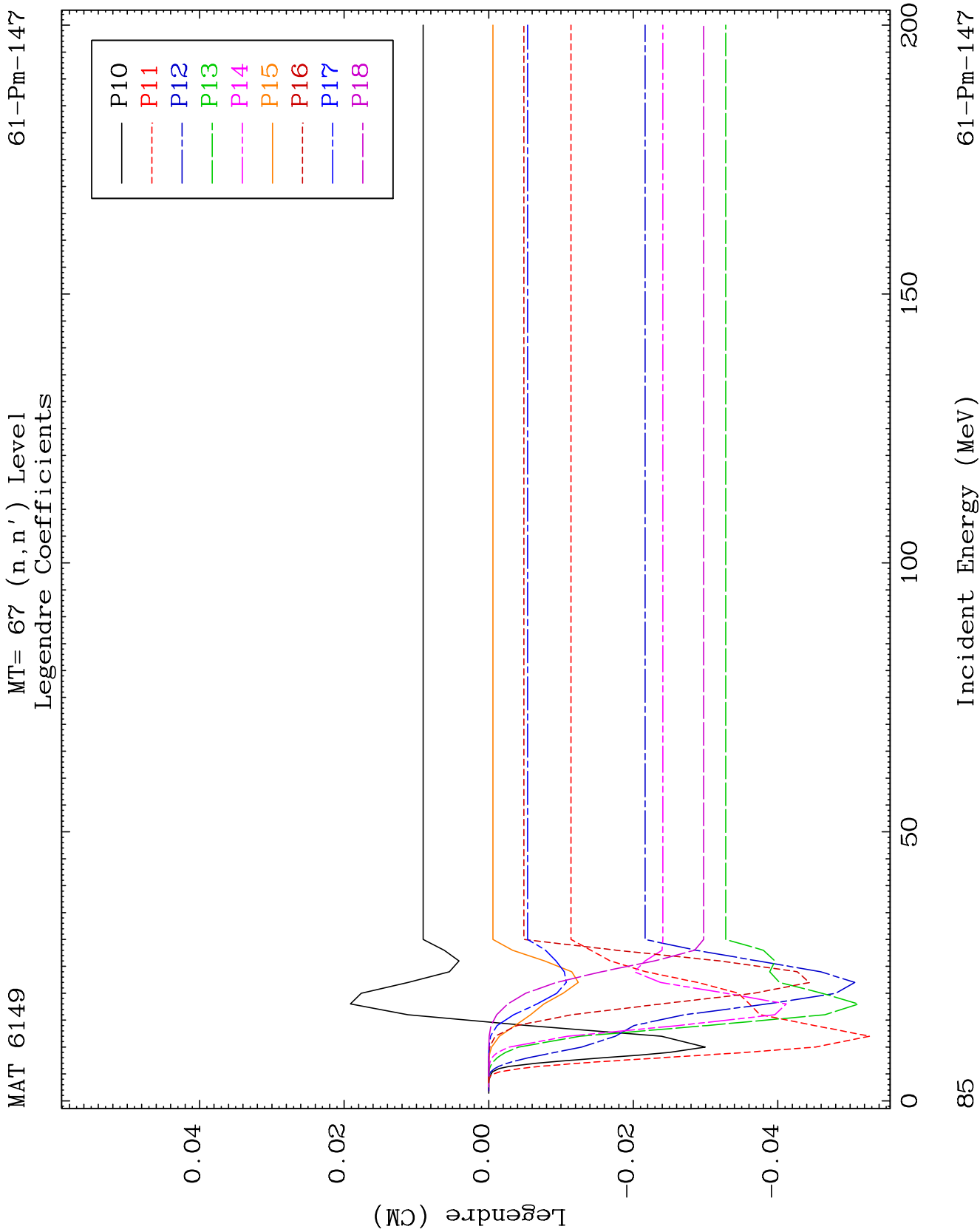
MT= 66 (n, n') Level
Legendre Coefficients

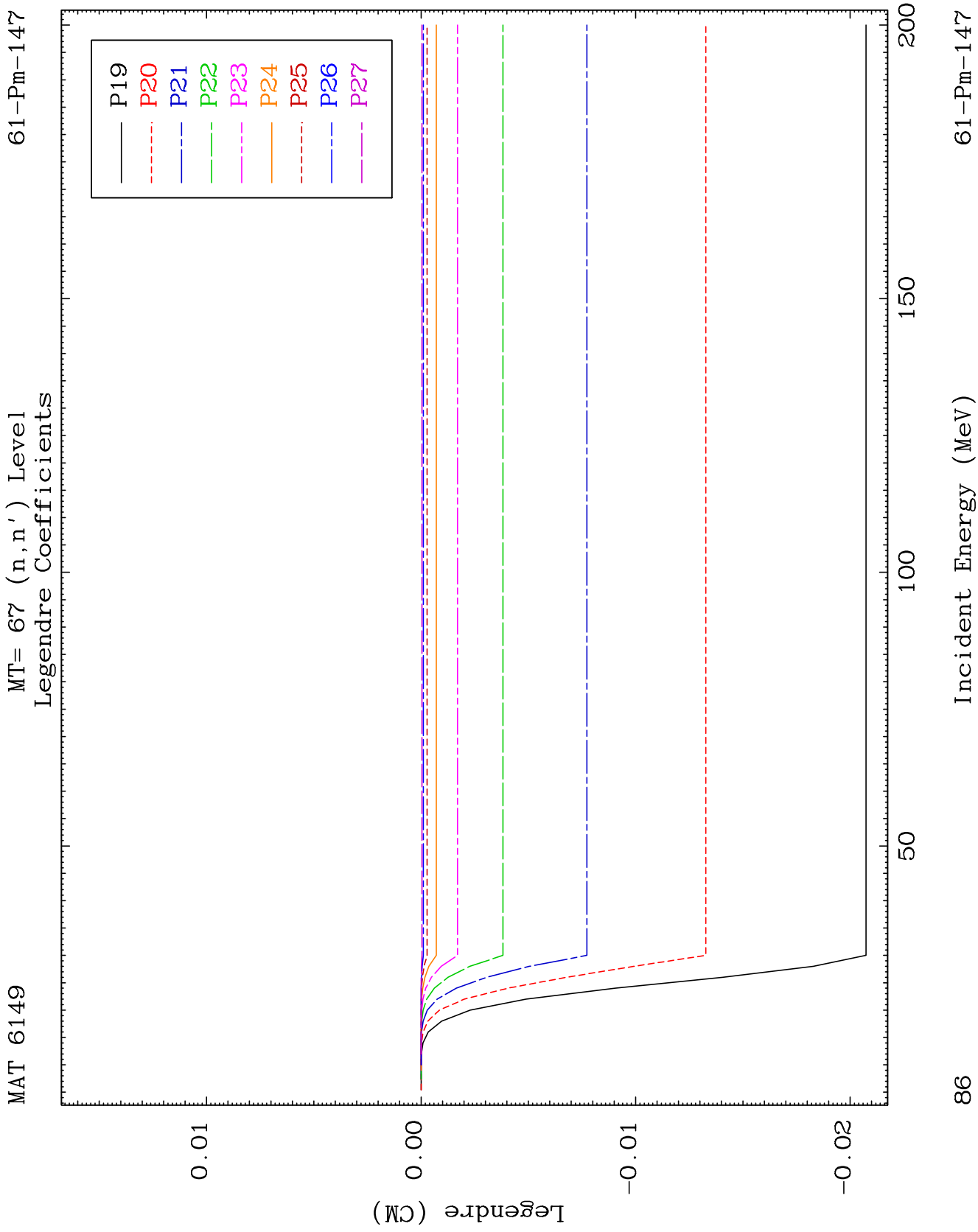
61-Pm-147

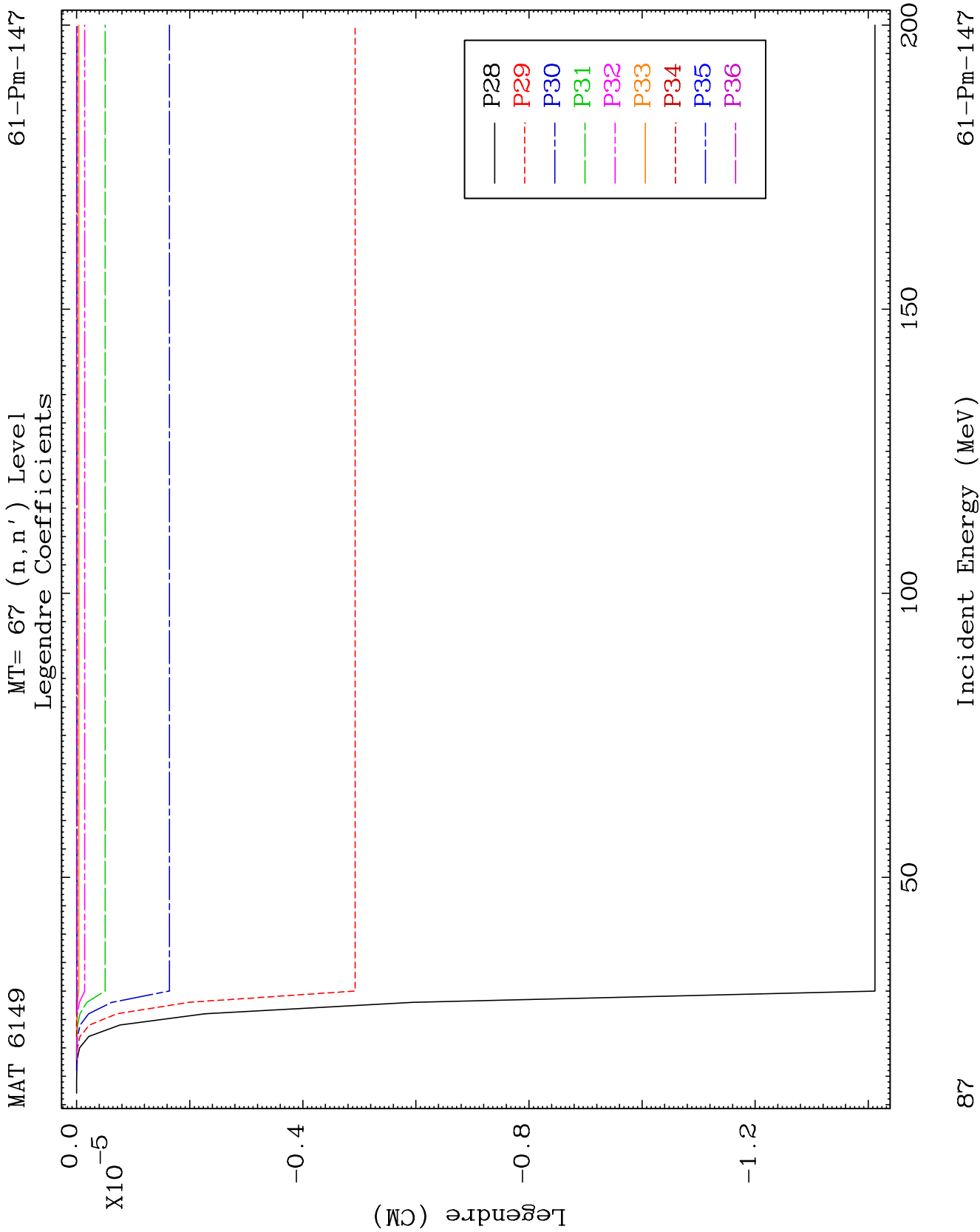








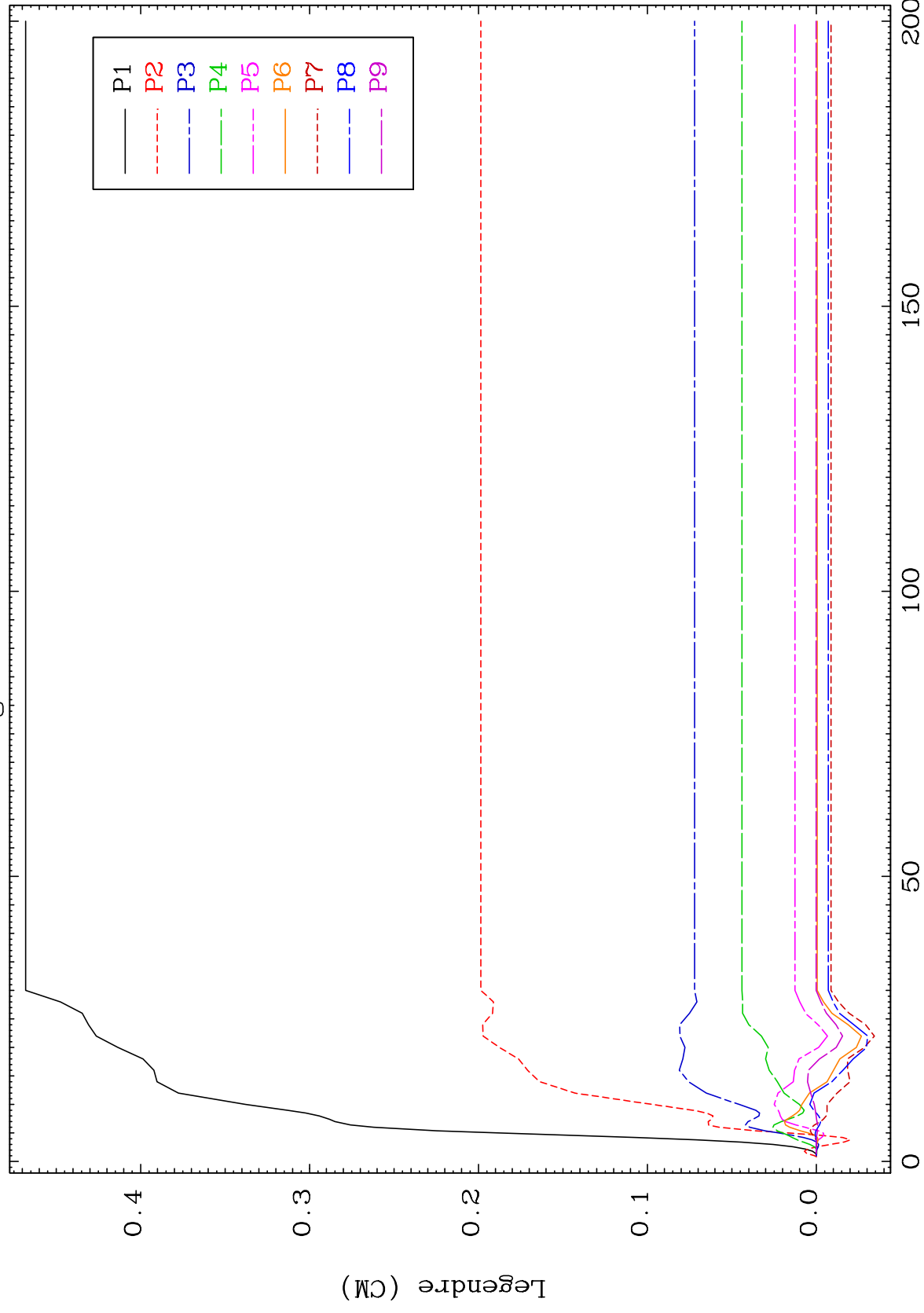




MAT 6149

MT= 68 (n, n') Level
Legendre Coefficients

61-Pm-147



88

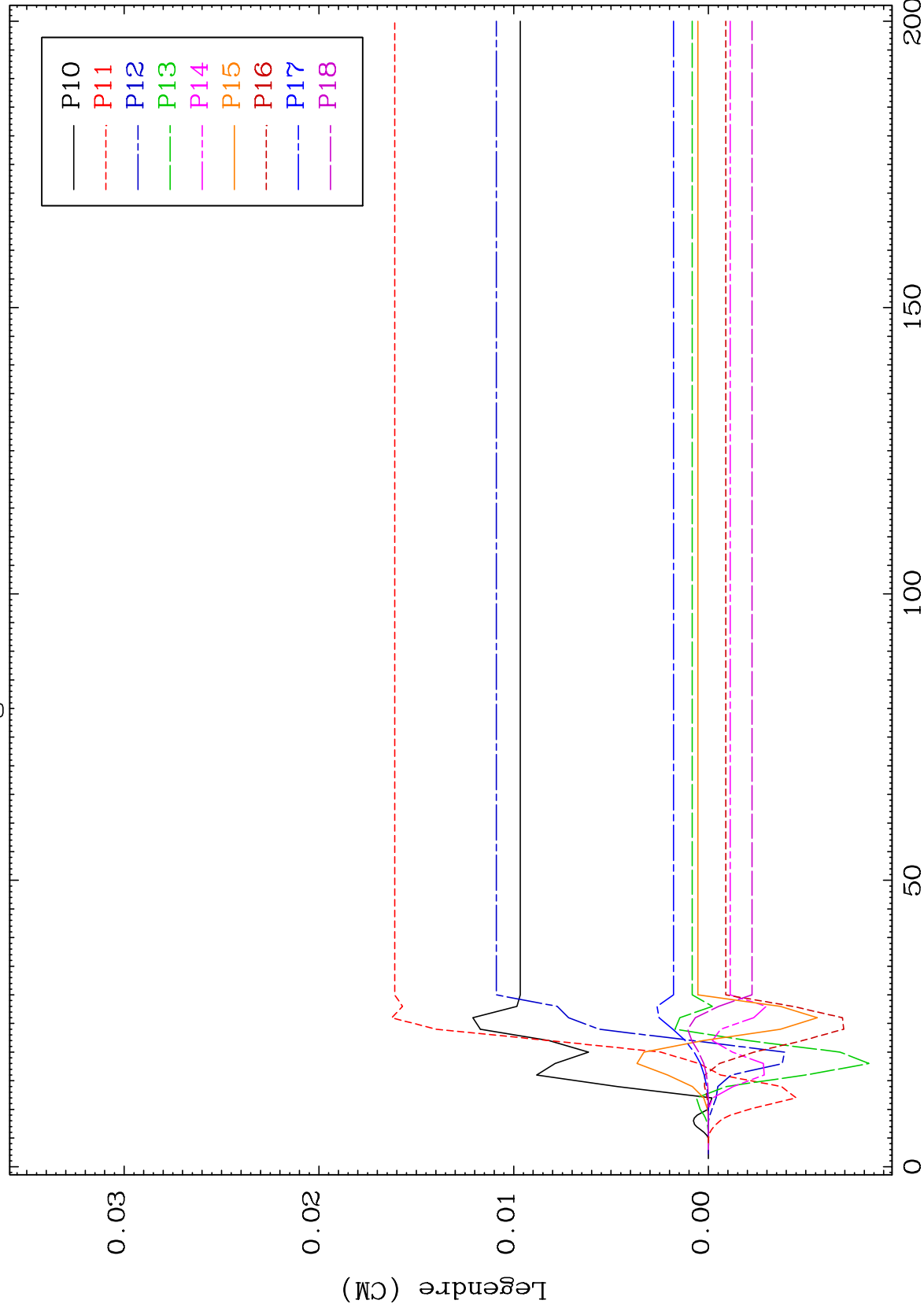
Incident Energy (MeV)

61-Pm-147

MAT 6149

MT= 68 (n, n') Level
Legendre Coefficients

61-Pm-147



98

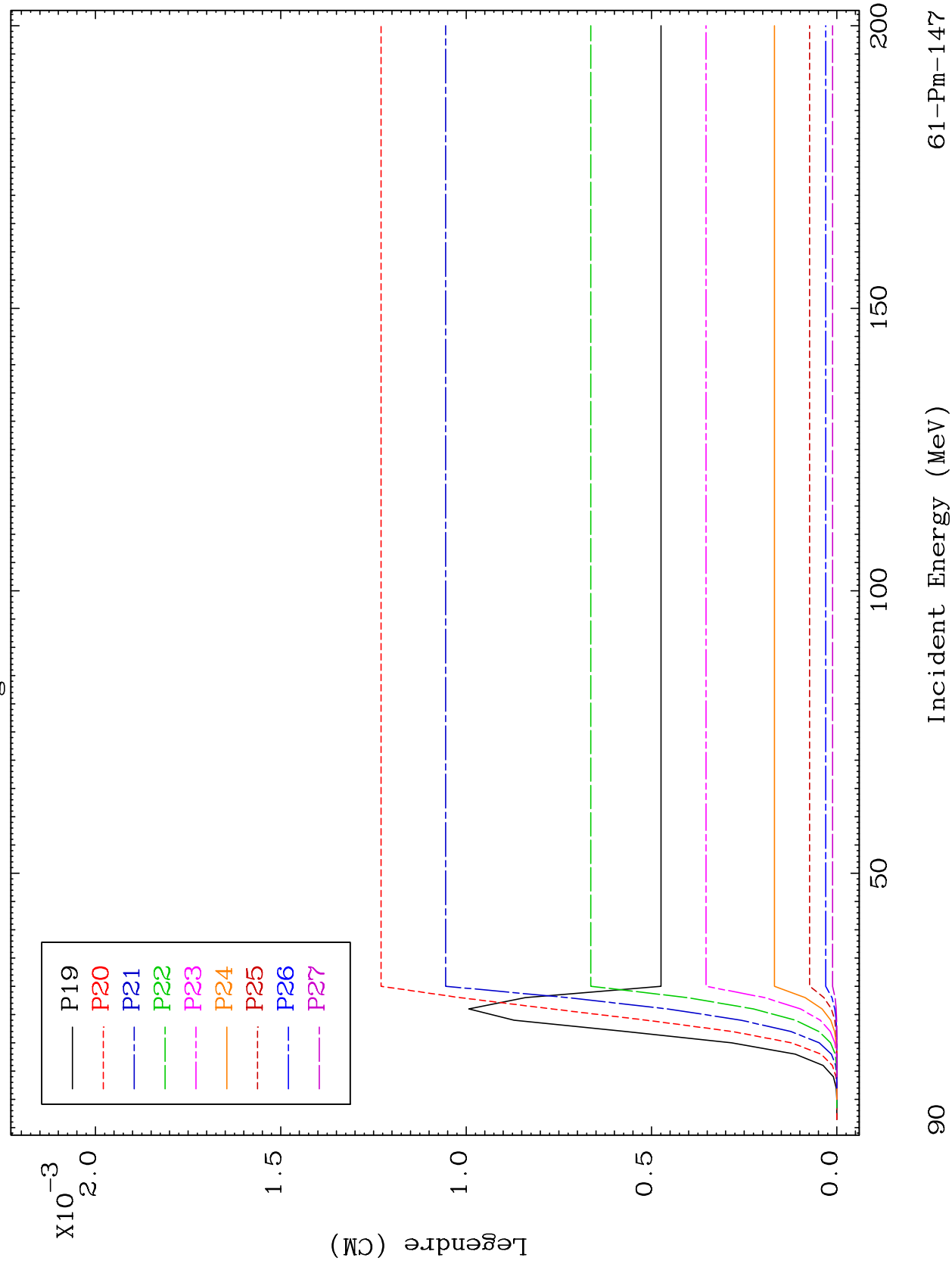
Incident Energy (MeV)

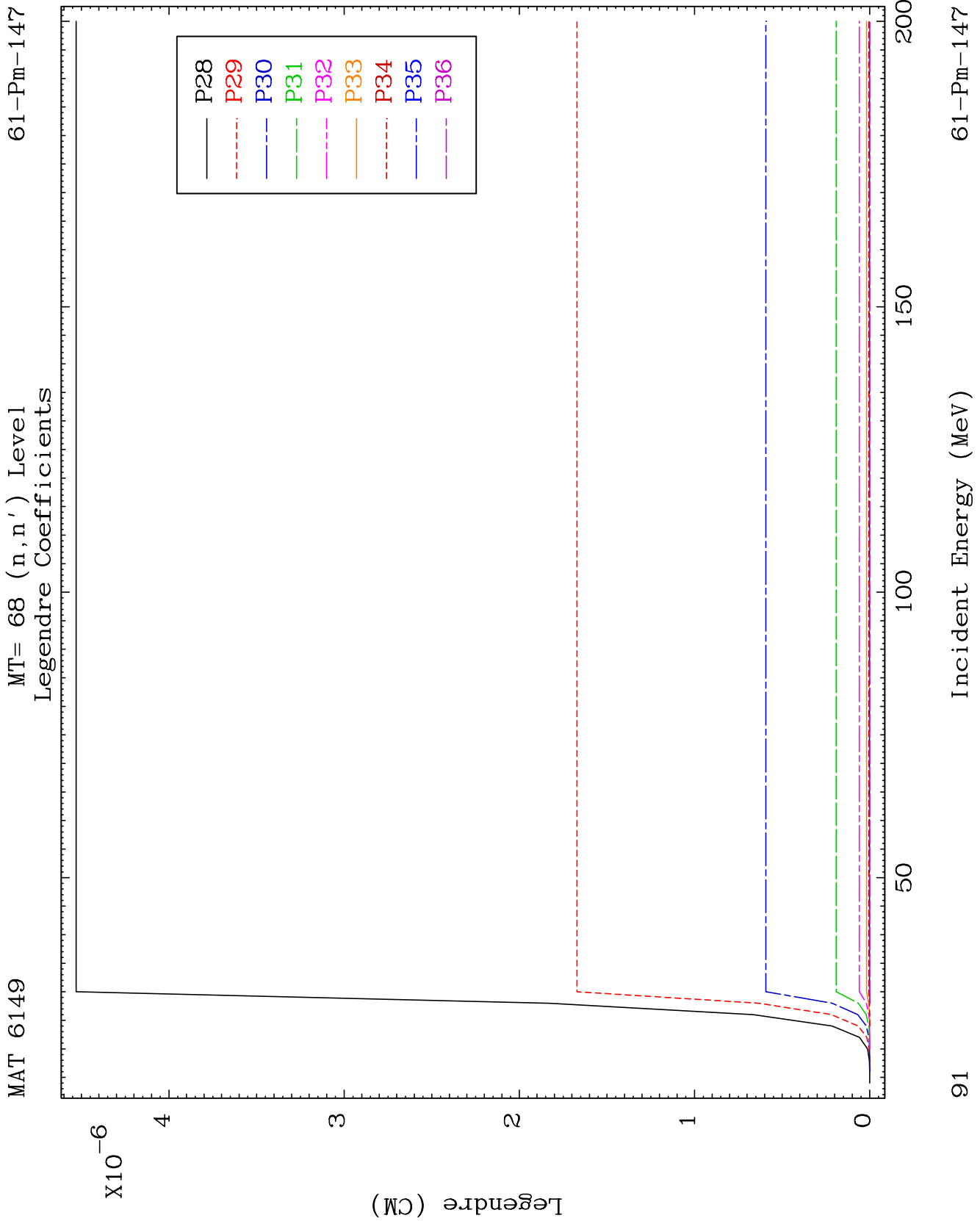
61-Pm-147

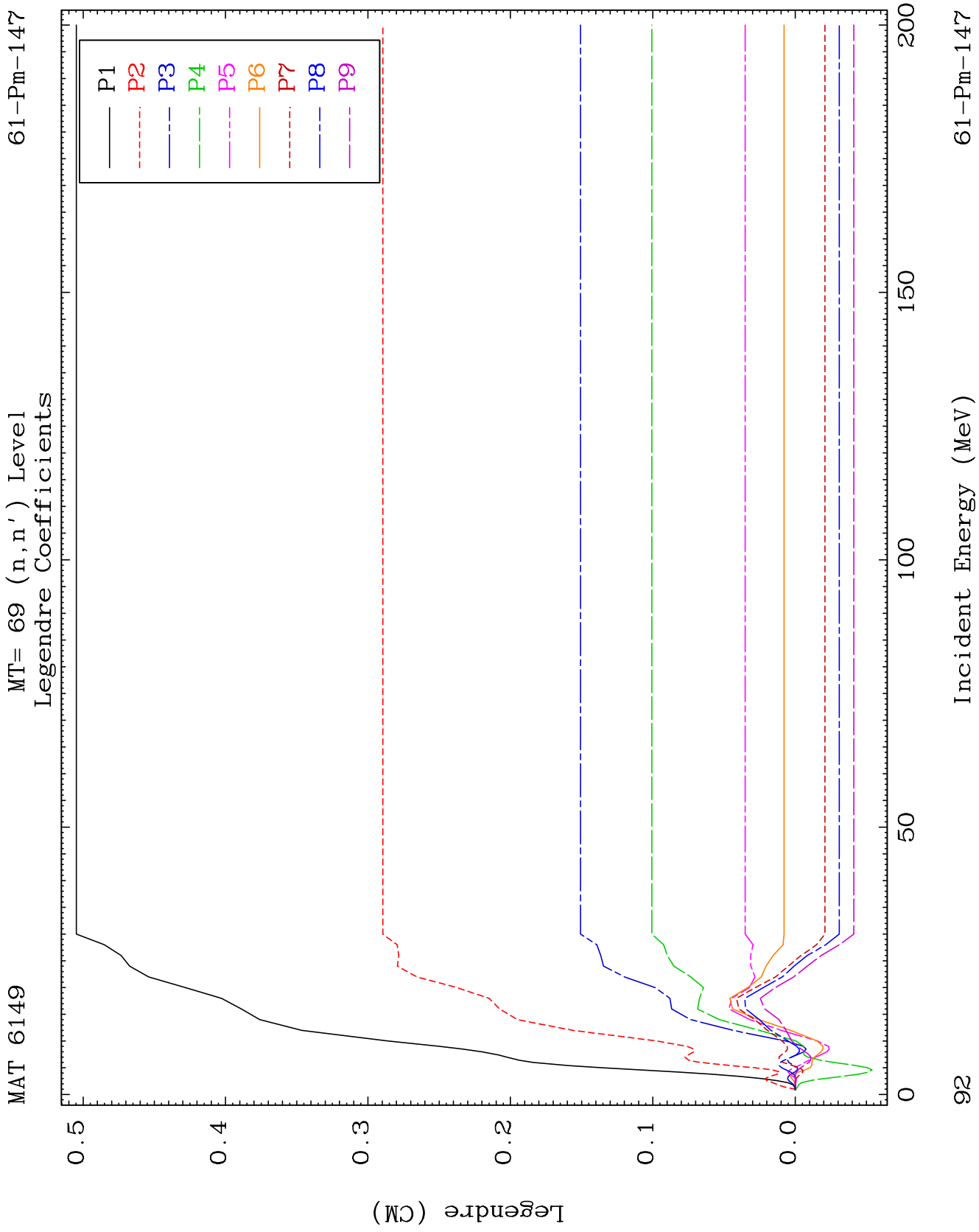
MAT 6149

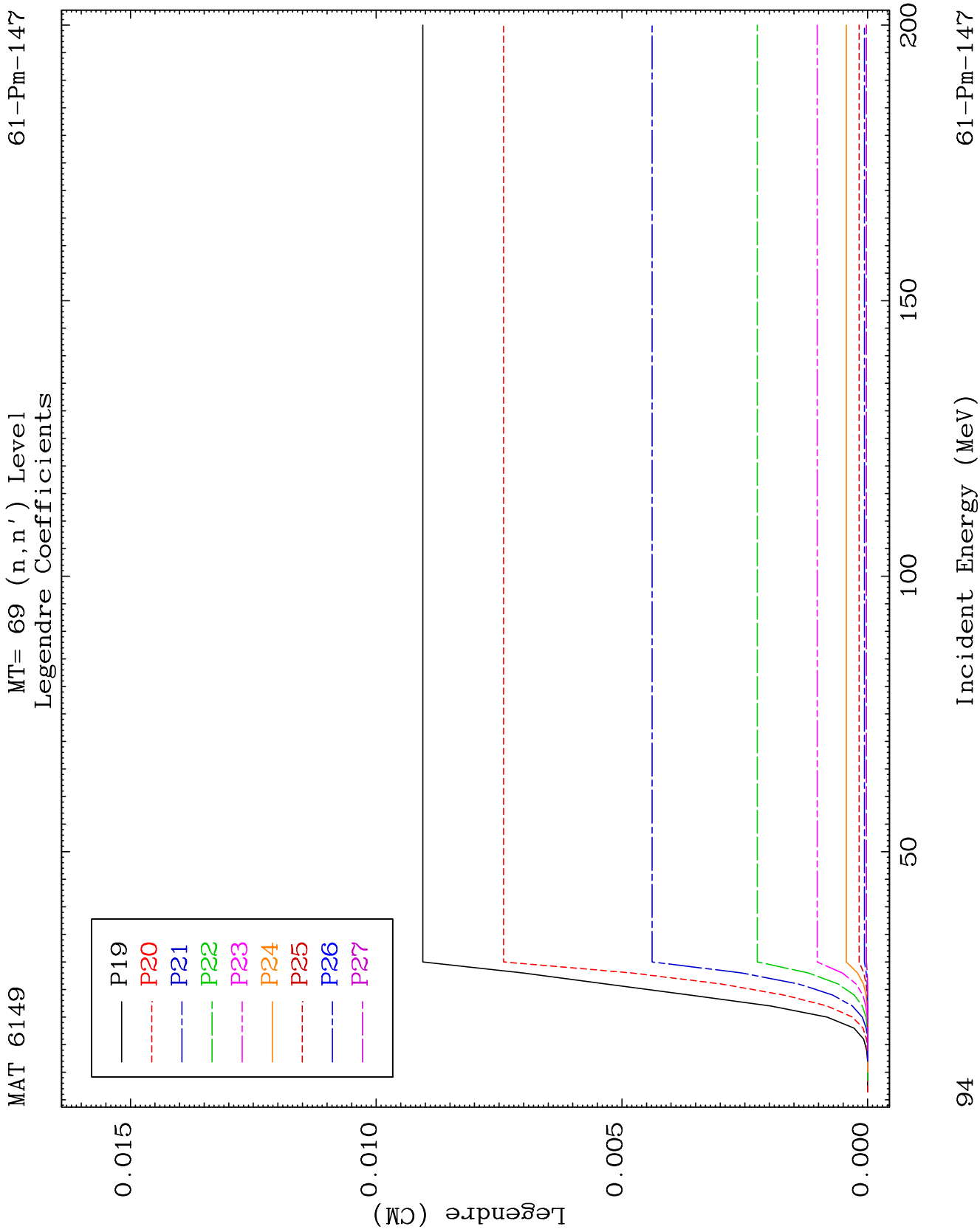
MT= 68 (n, n') Level
Legendre Coefficients

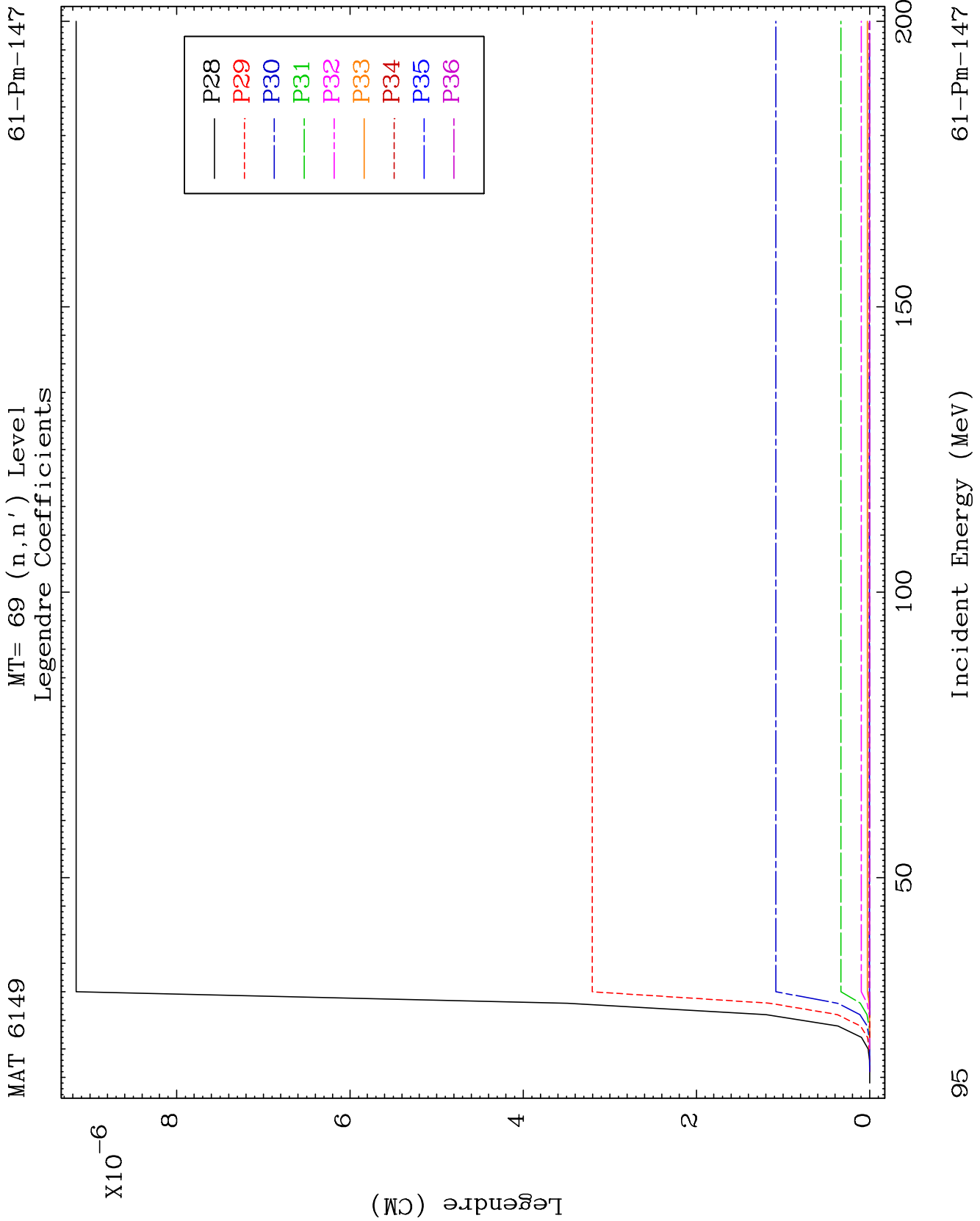
61-Pm-147

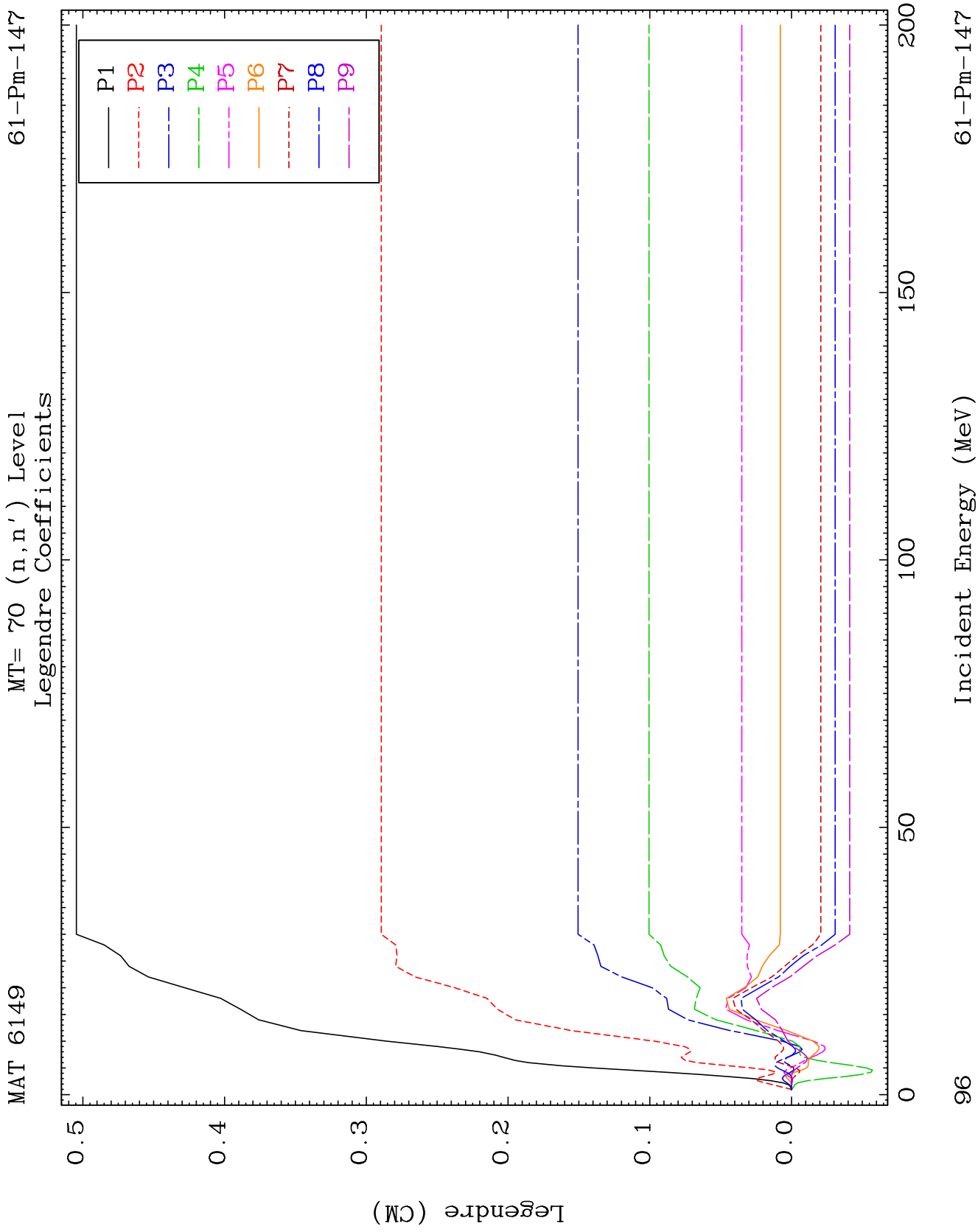








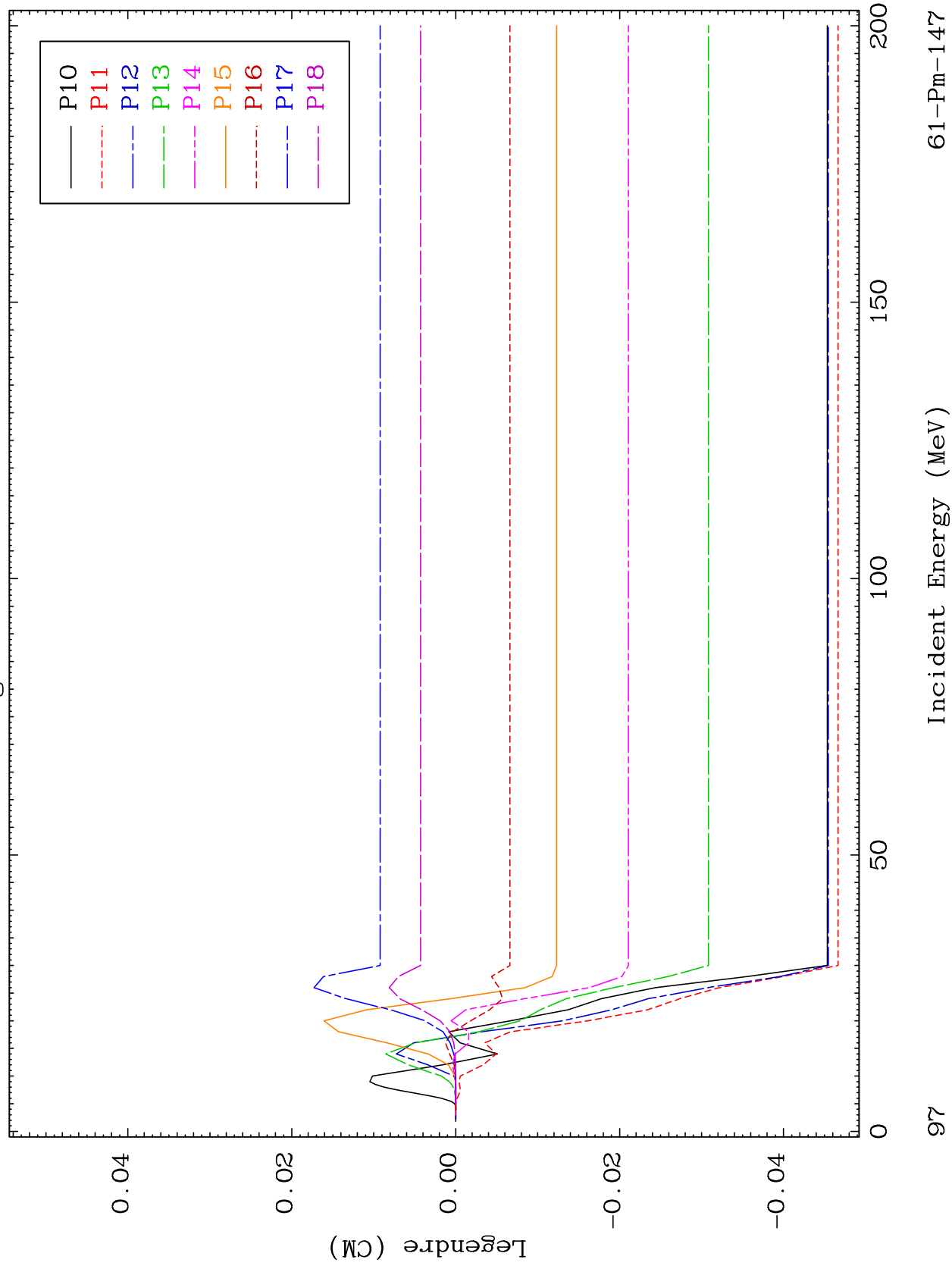




MAT 6149

MT= 70 (n, n') Level
Legendre Coefficients

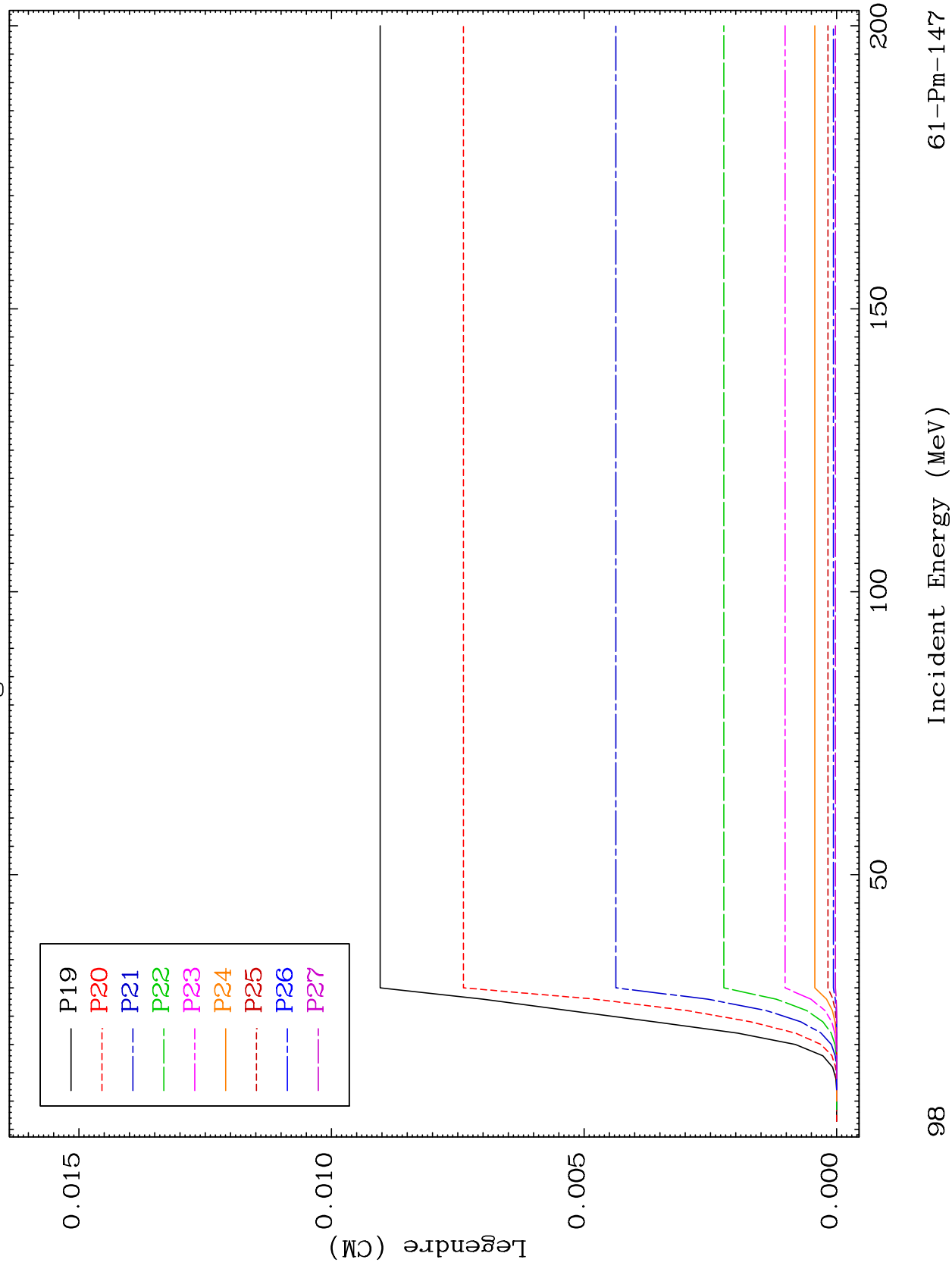
61-Pm-147



MAT 6149

MT= 70 (n, n') Level
Legendre Coefficients

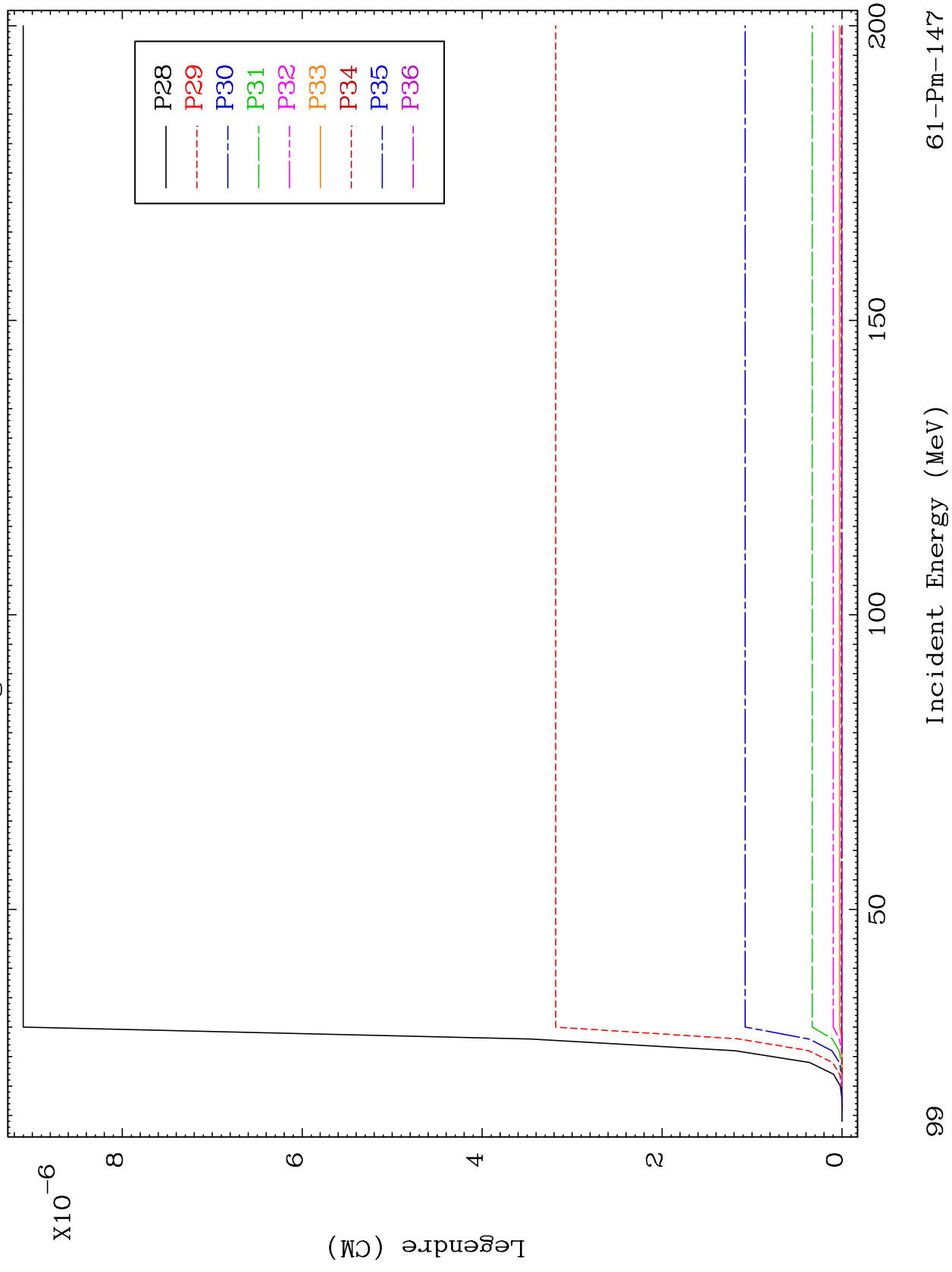
61-Pm-147



MAT 6149

MT= 70 (n, n') Level
Legendre Coefficients

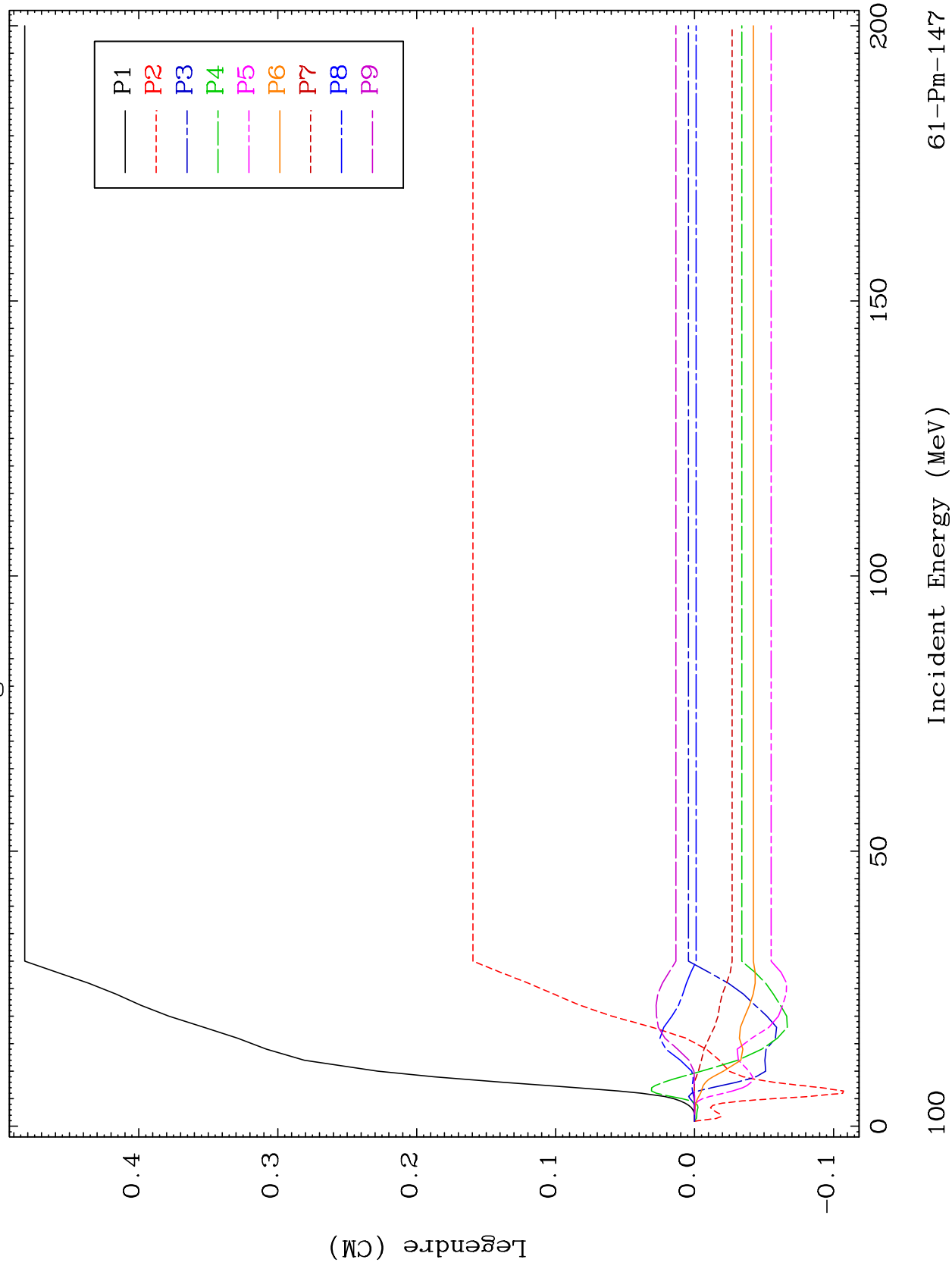
61-Pm-147

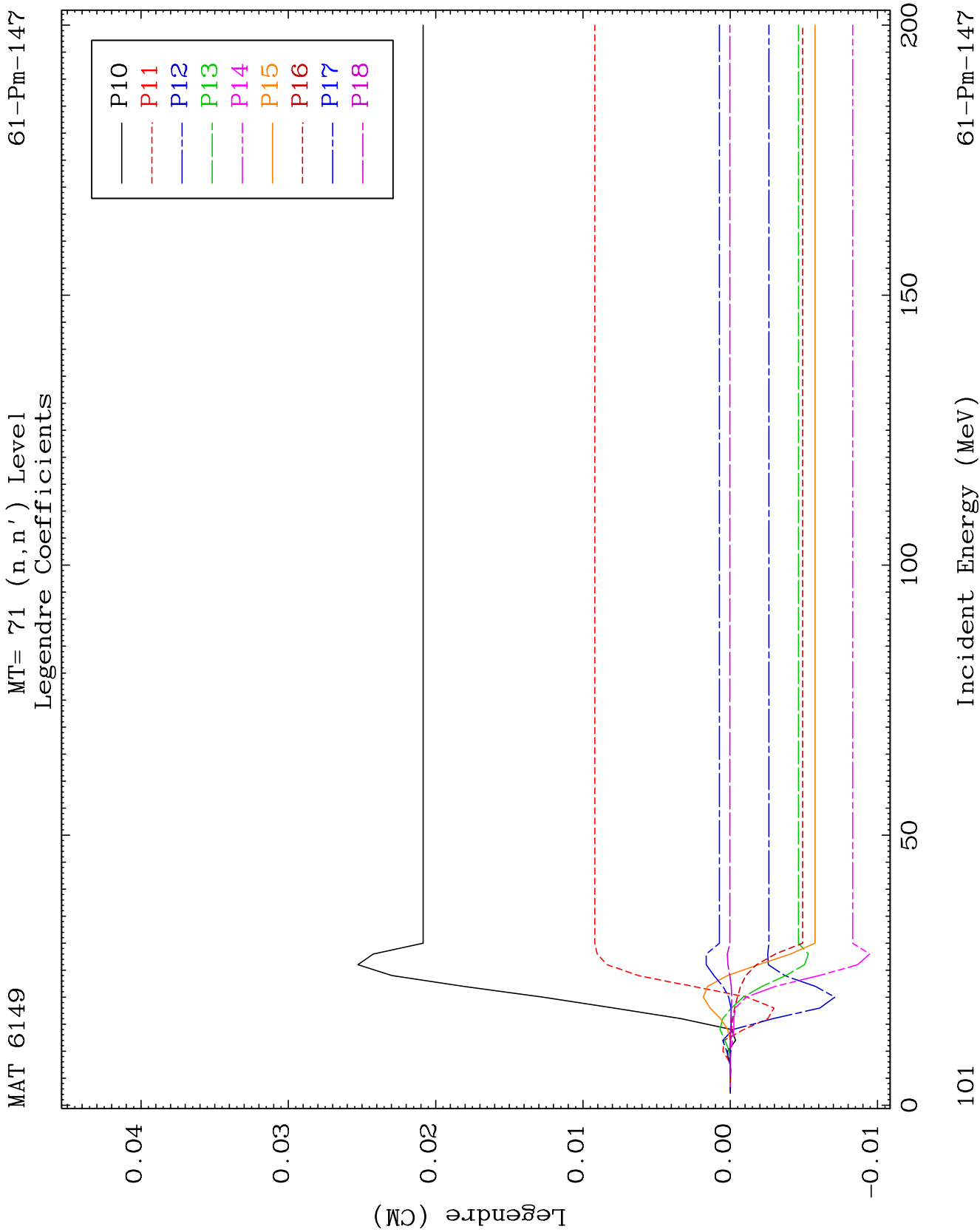


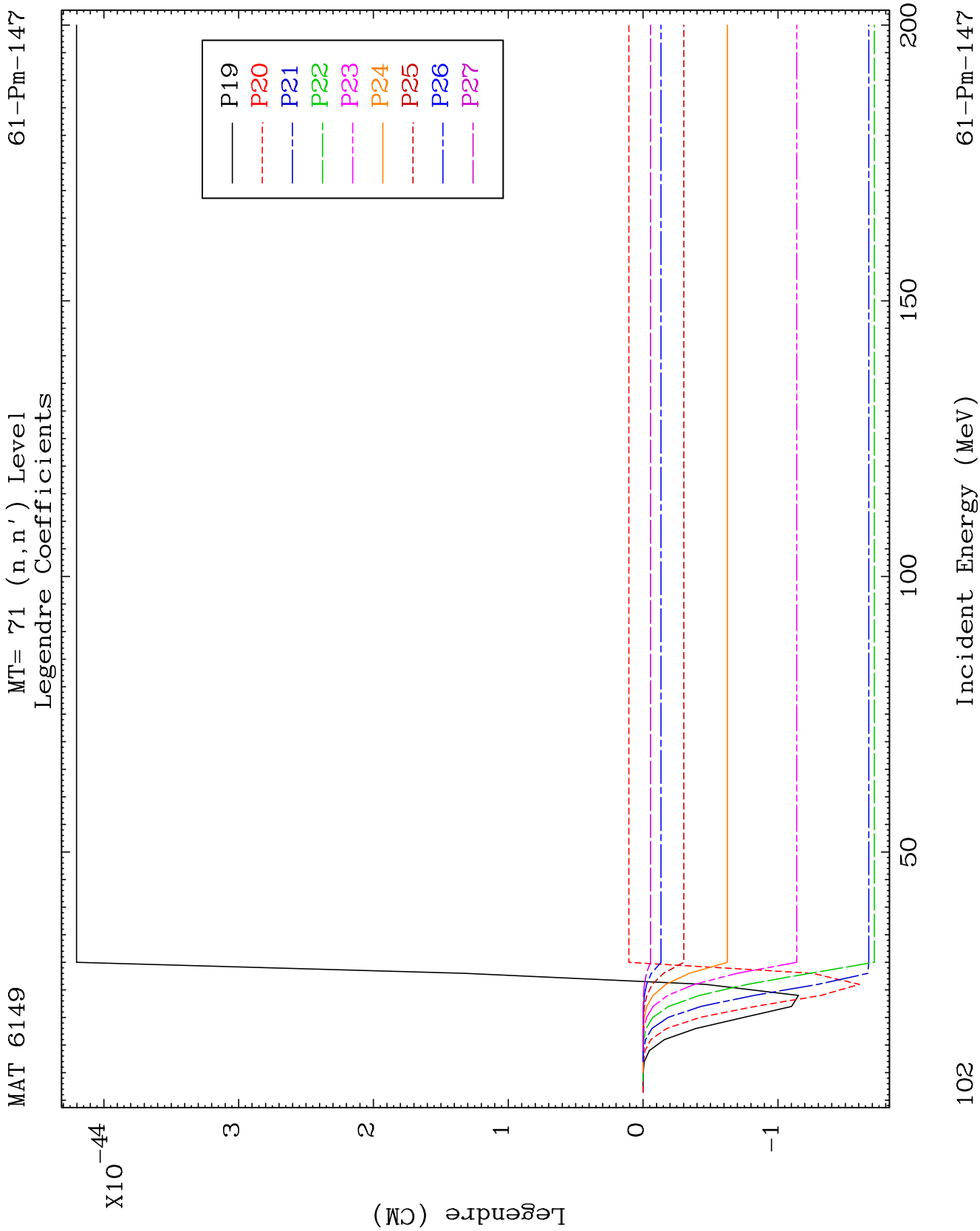
MAT 6149

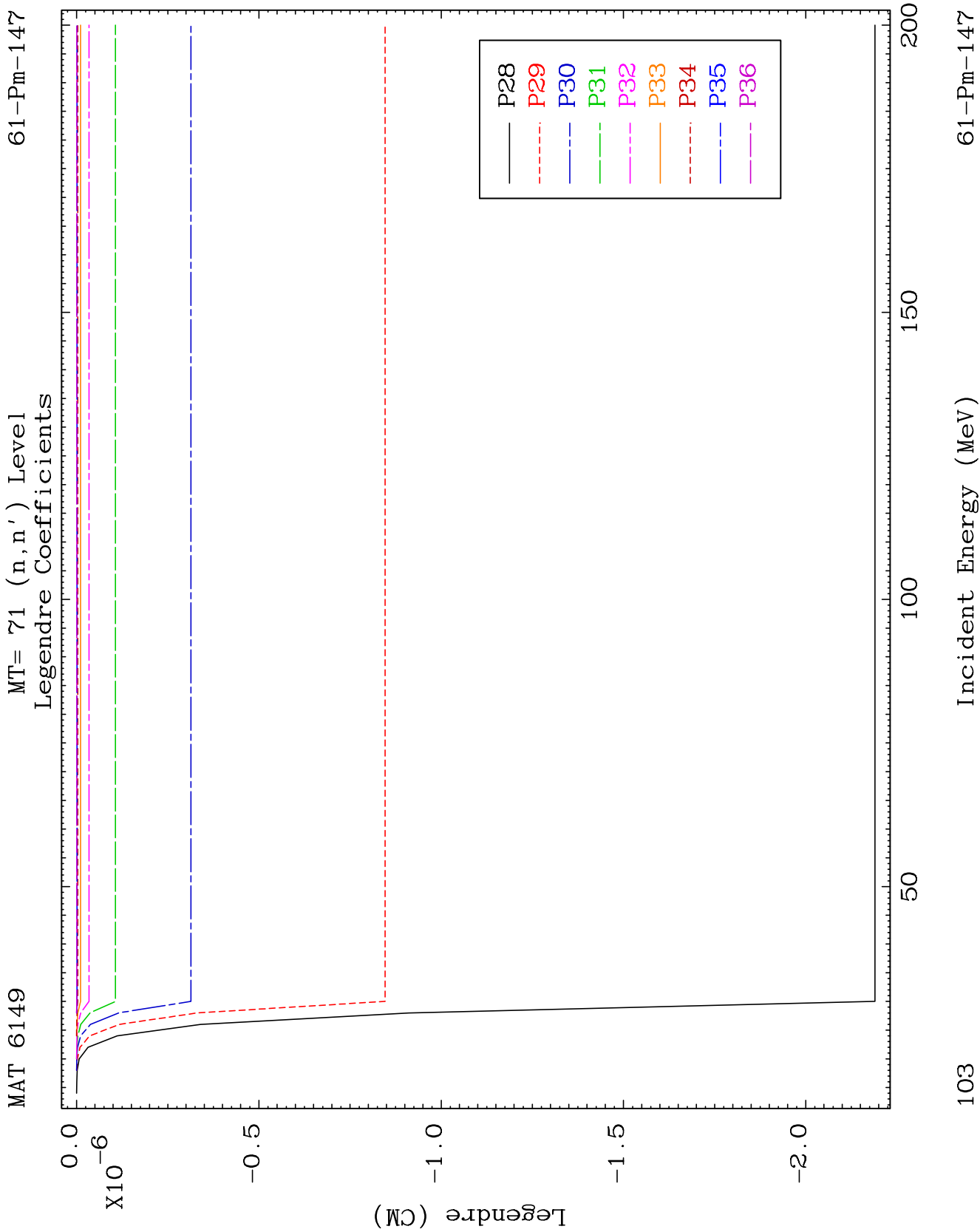
MT= 71 (n, n') Level
Legendre Coefficients

61-Pm-147





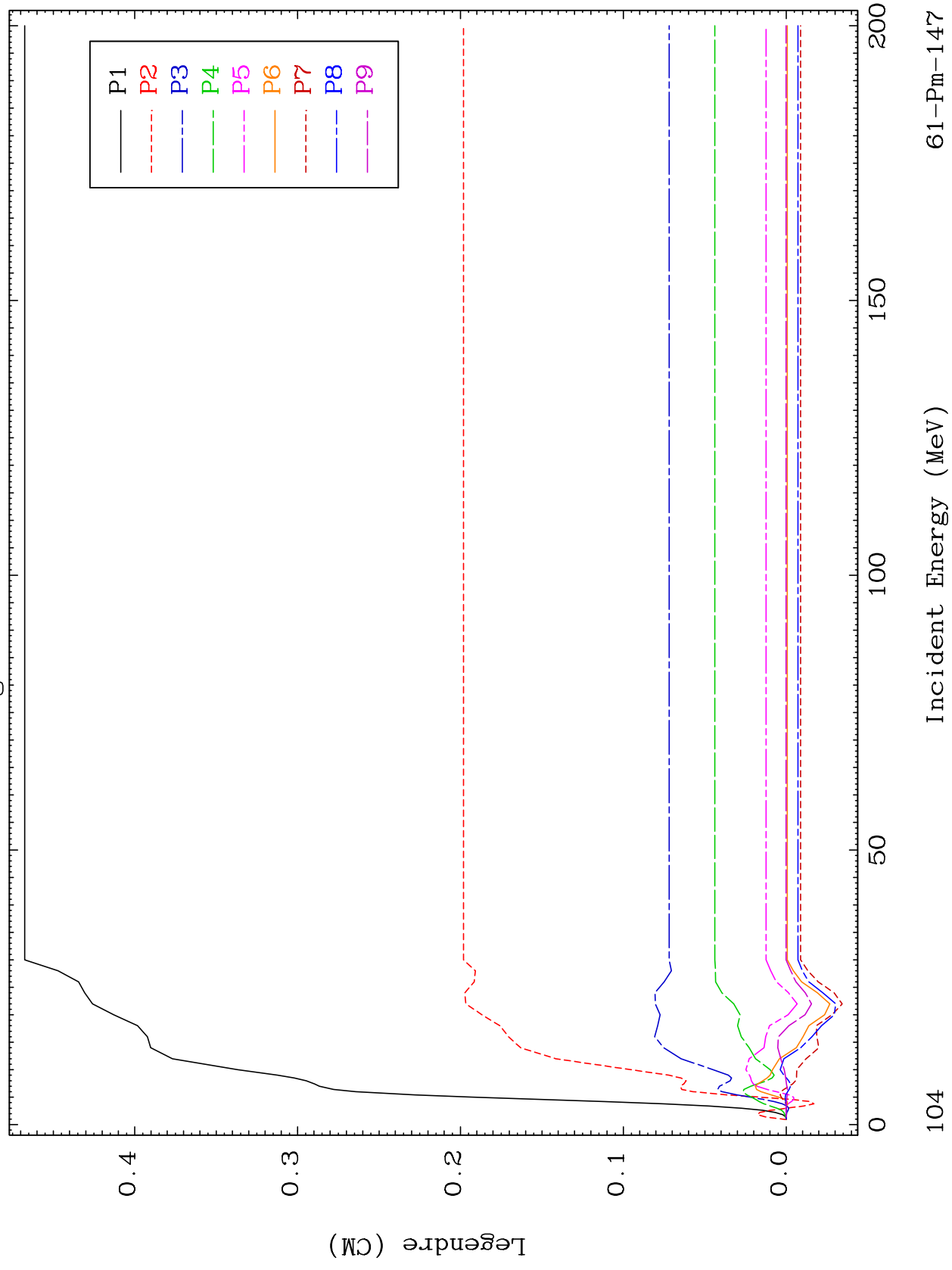




MAT 6149

MT= 72 (n, n') Level
Legendre Coefficients

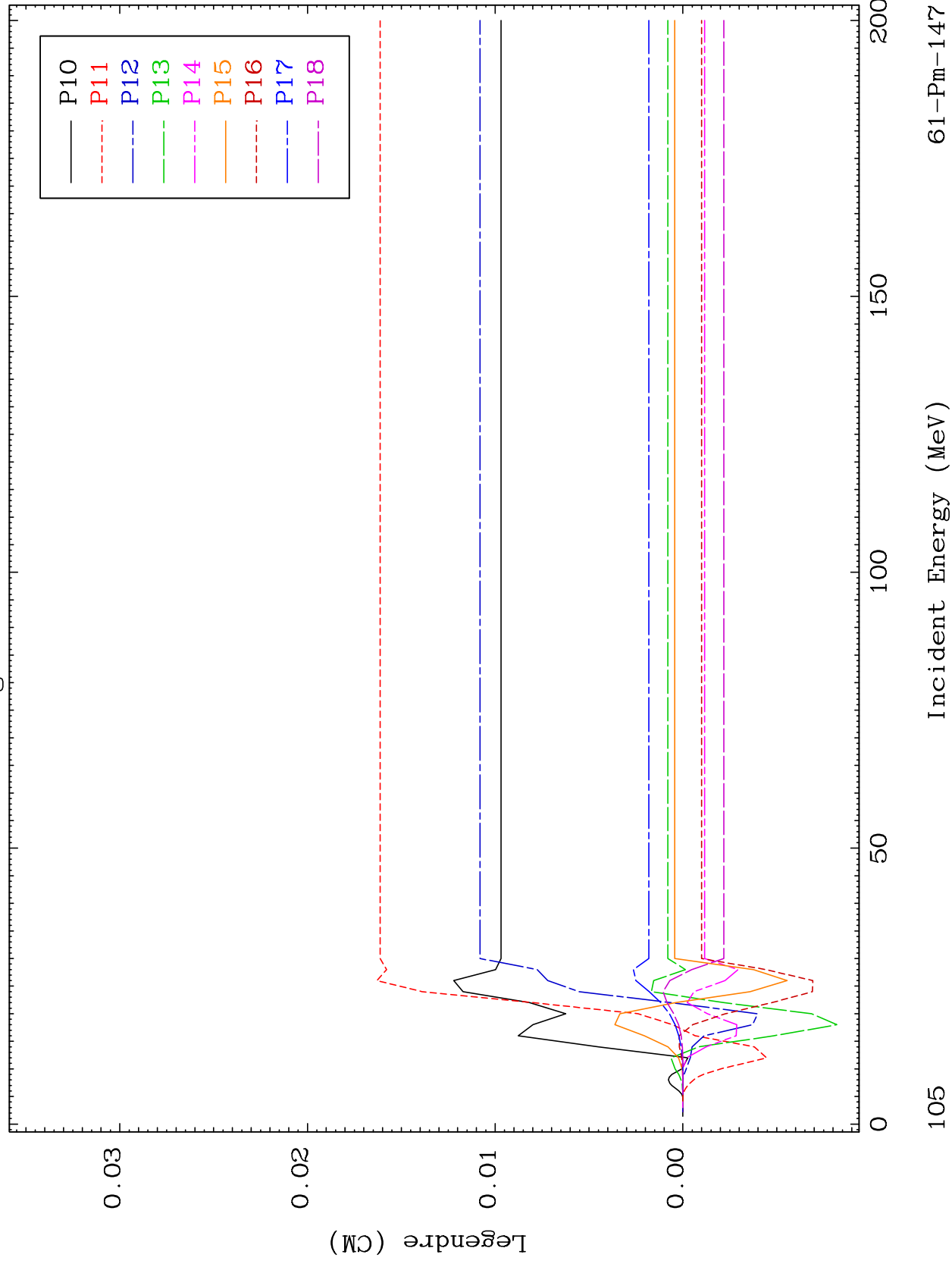
61-Pm-147



MAT 6149

MT= 72 (n, n') Level
Legendre Coefficients

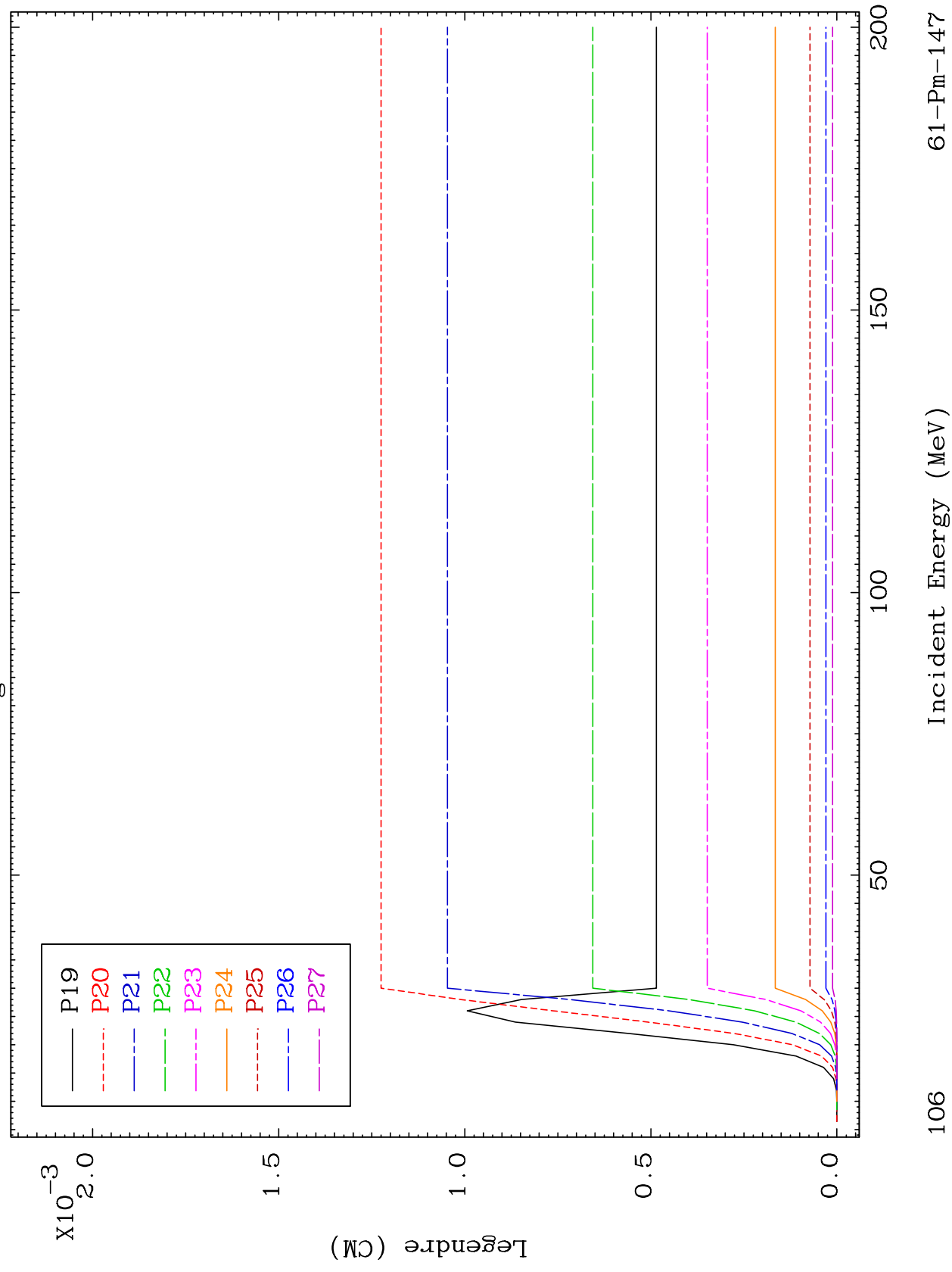
61-Pm-147

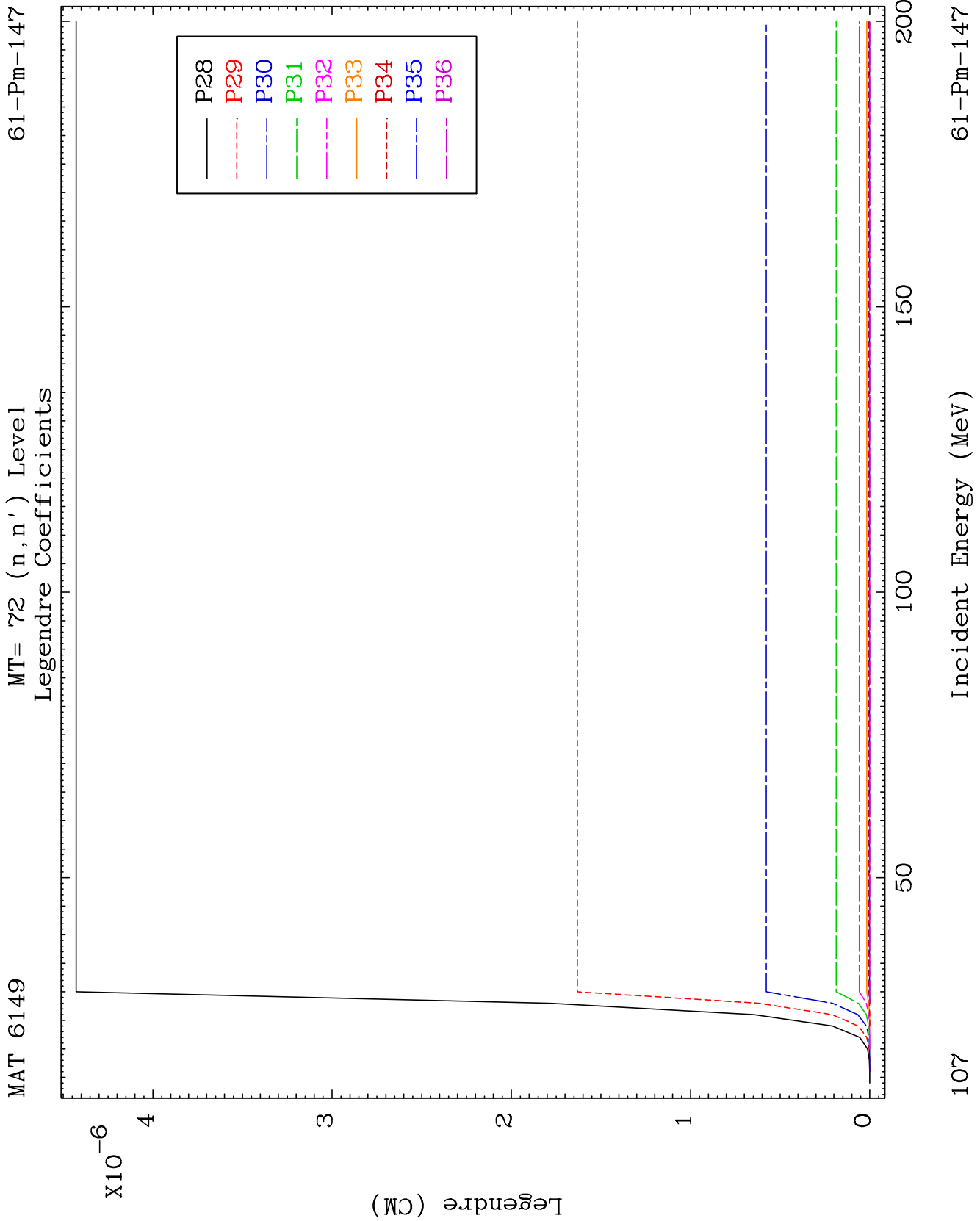


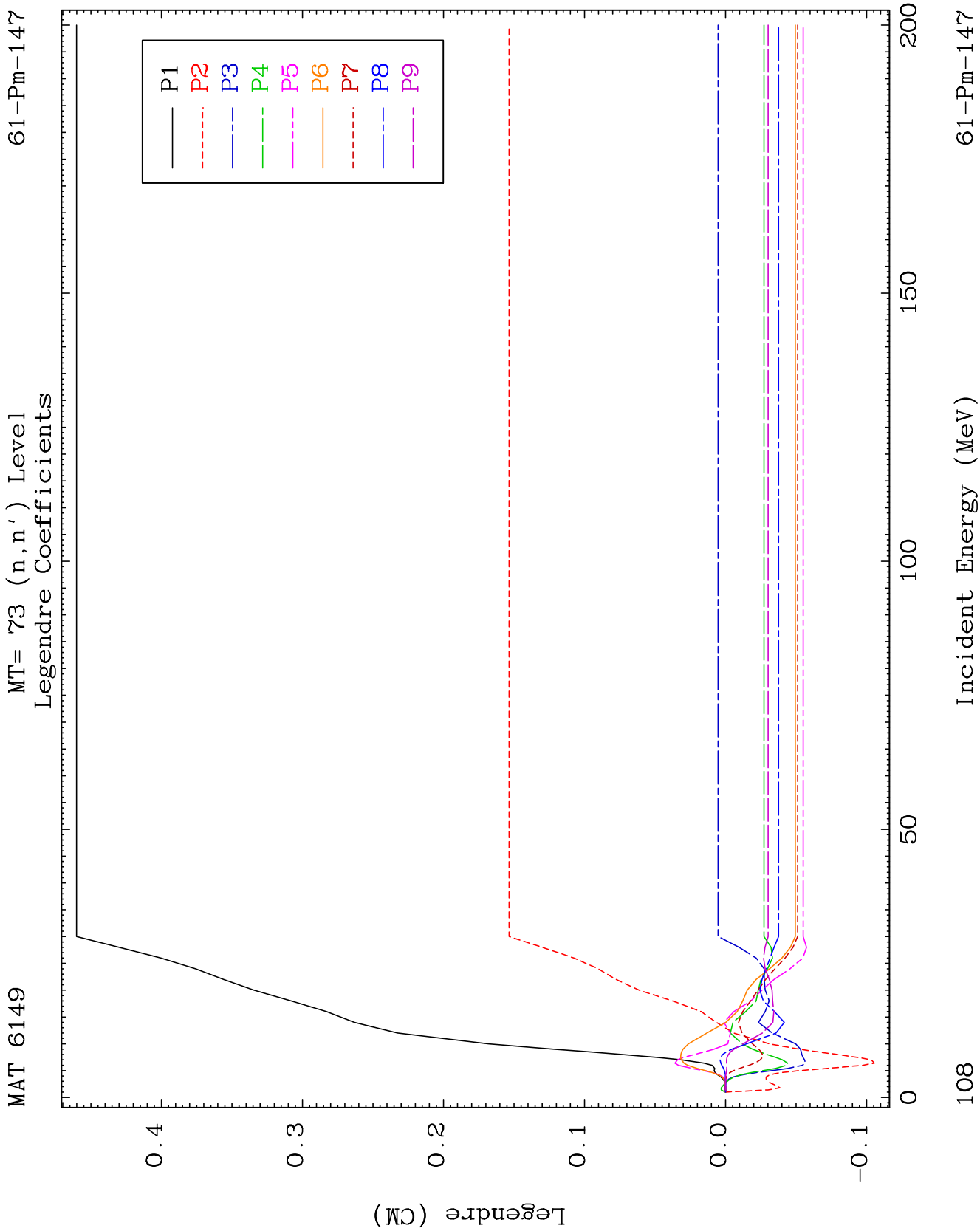
MAT 6149

MT= 72 (n, n') Level
Legendre Coefficients

61-Pm-147



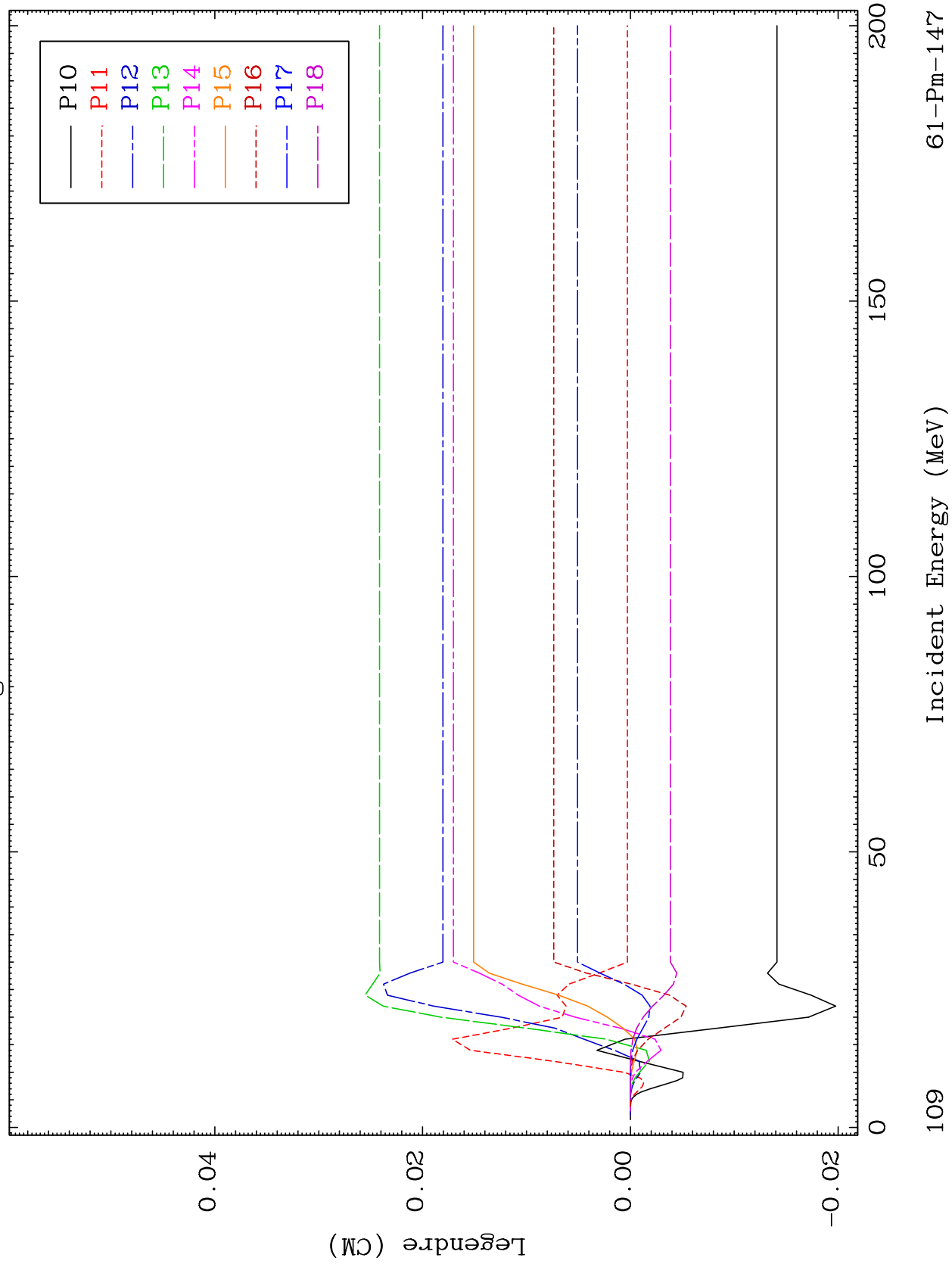




MAT 6149

MT= 73 (n, n') Level
Legendre Coefficients

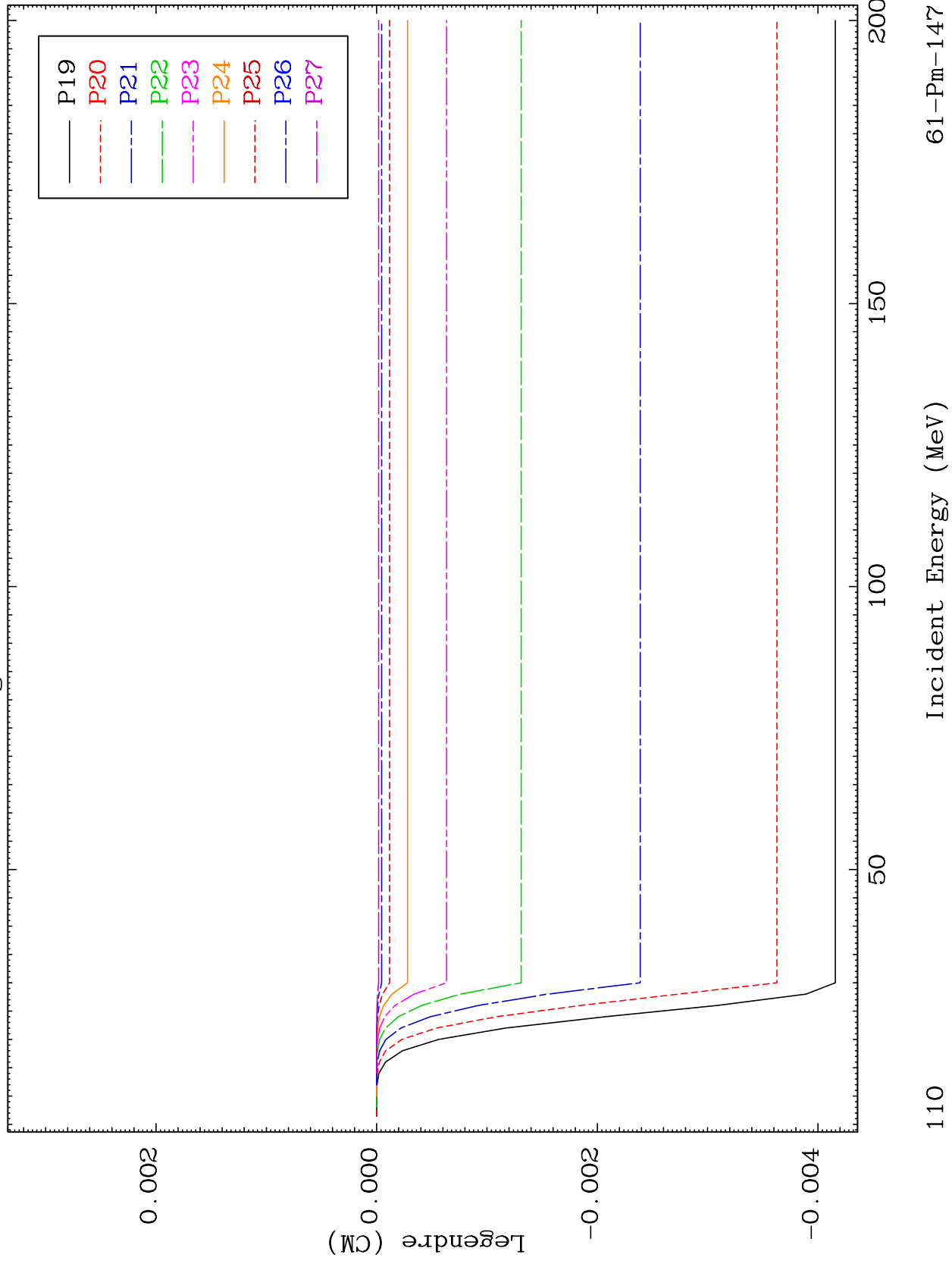
61-Pm-147

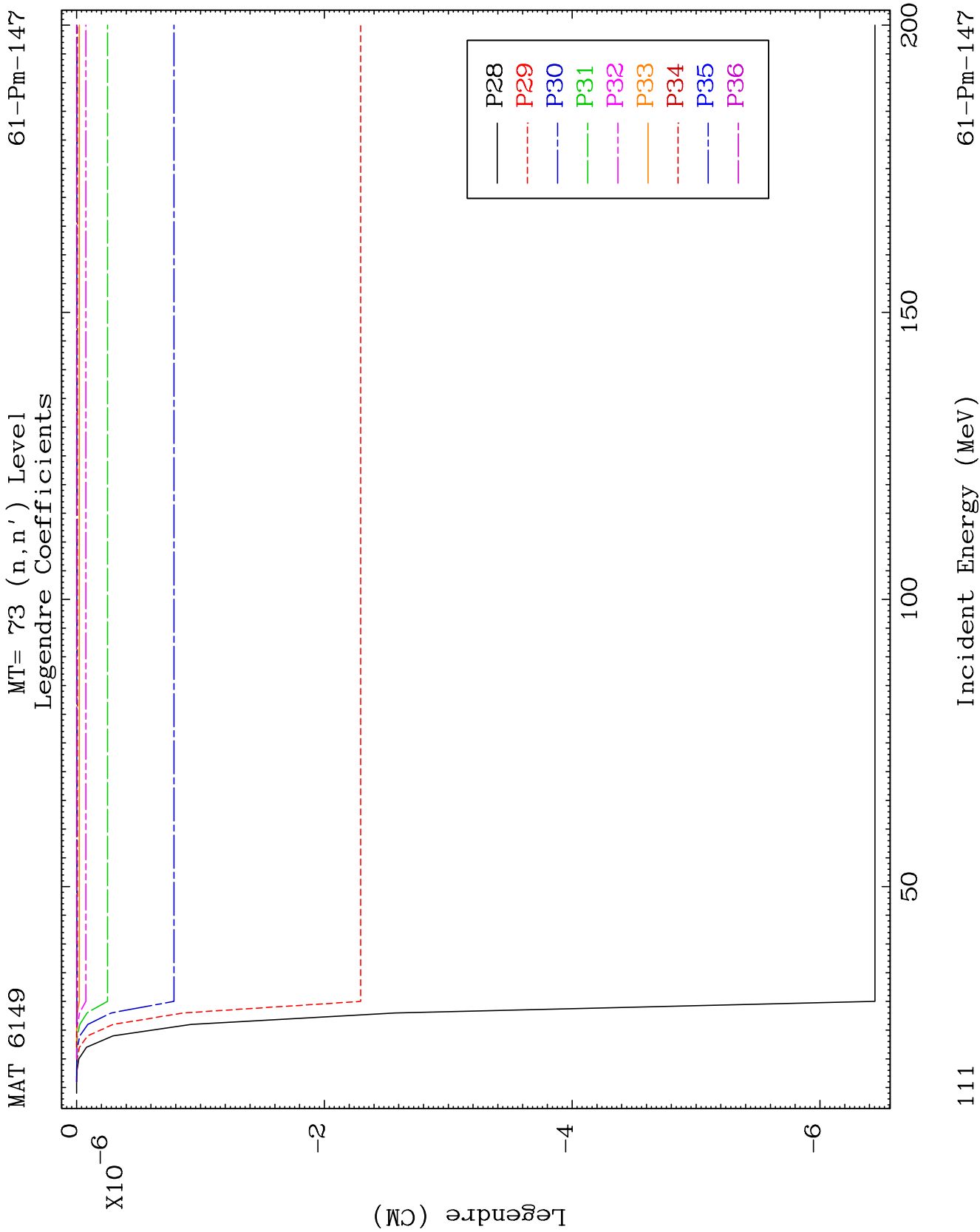


MAT 6149

MT= 73 (n, n') Level
Legendre Coefficients

61-Pm-147

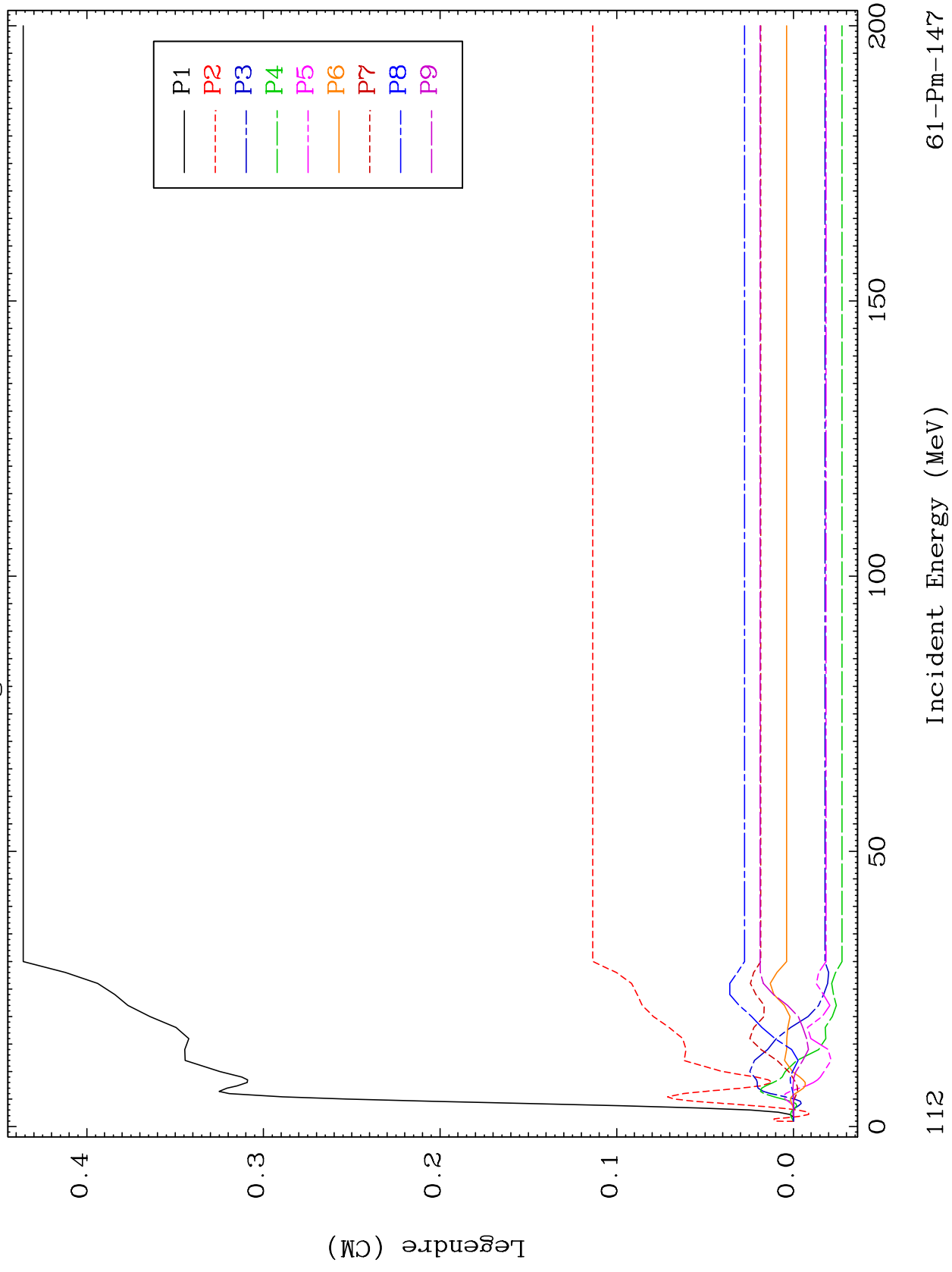




MAT 6149

MT= 74 (n, n') Level
Legendre Coefficients

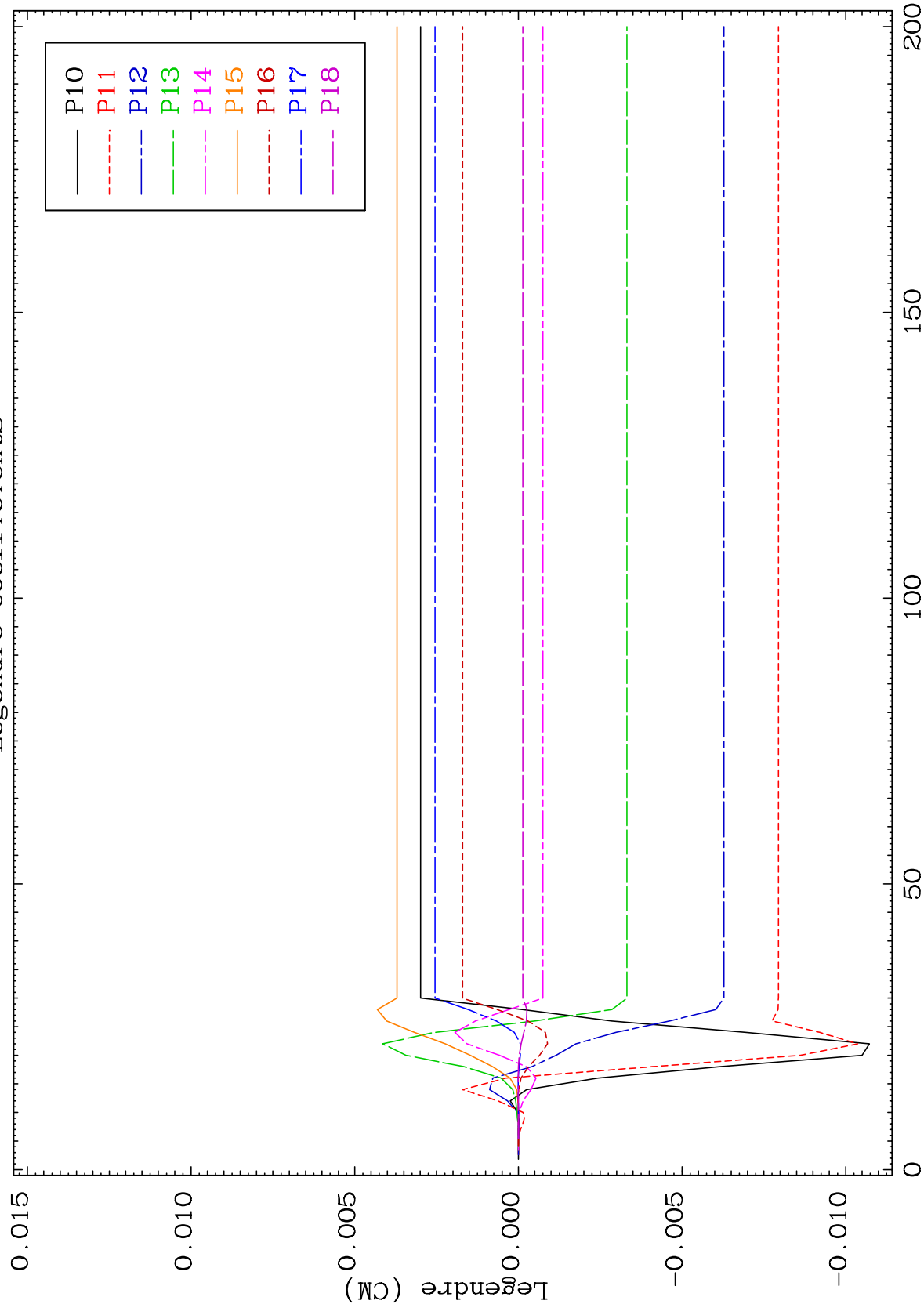
61-Pm-147



MAT 6149

MT= 74 (n, n') Level
Legendre Coefficients

61-Pm-147



113

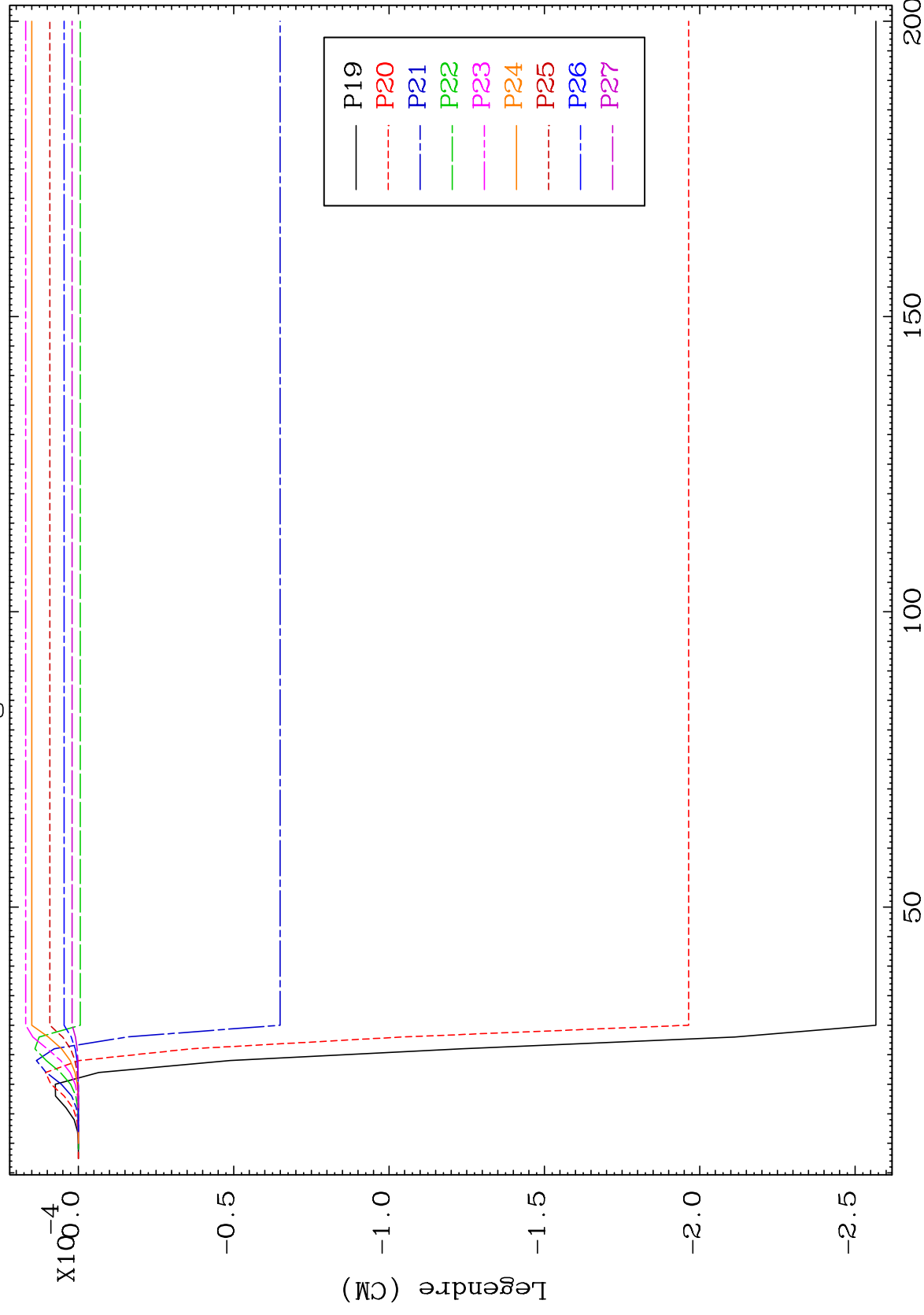
Incident Energy (MeV)

61-Pm-147

MAT 6149

MT= 74 (n, n') Level
Legendre Coefficients

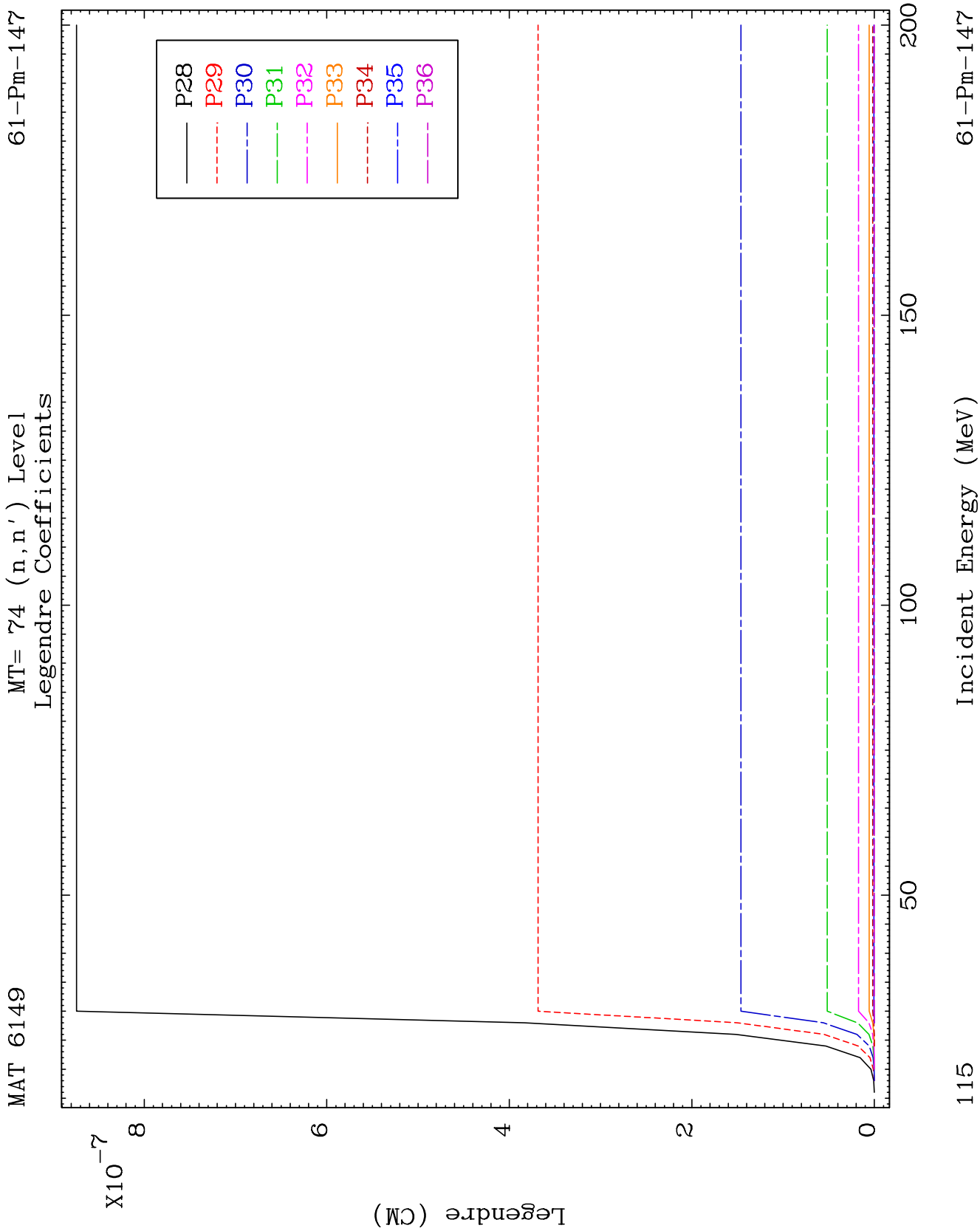
61-Pm-147

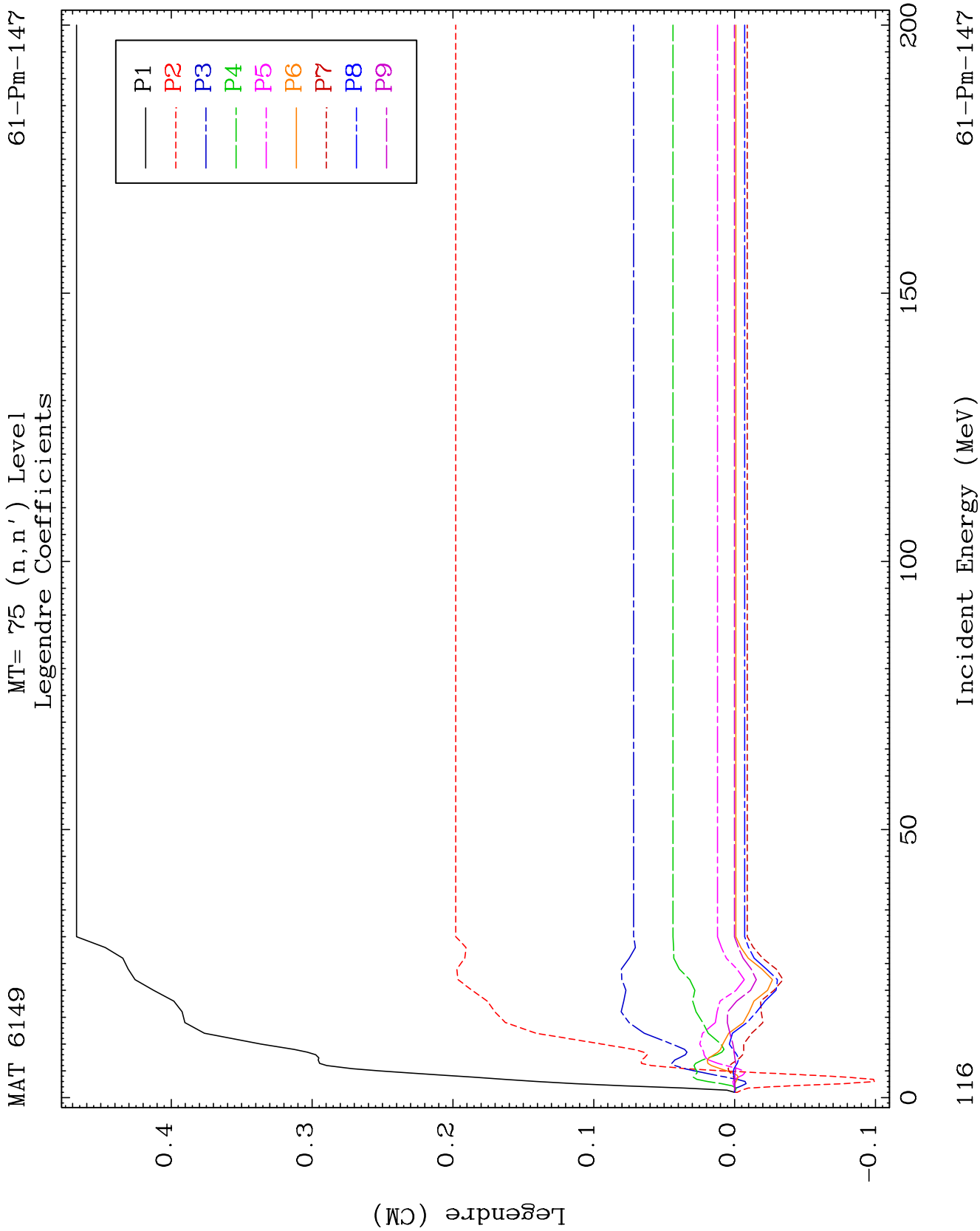


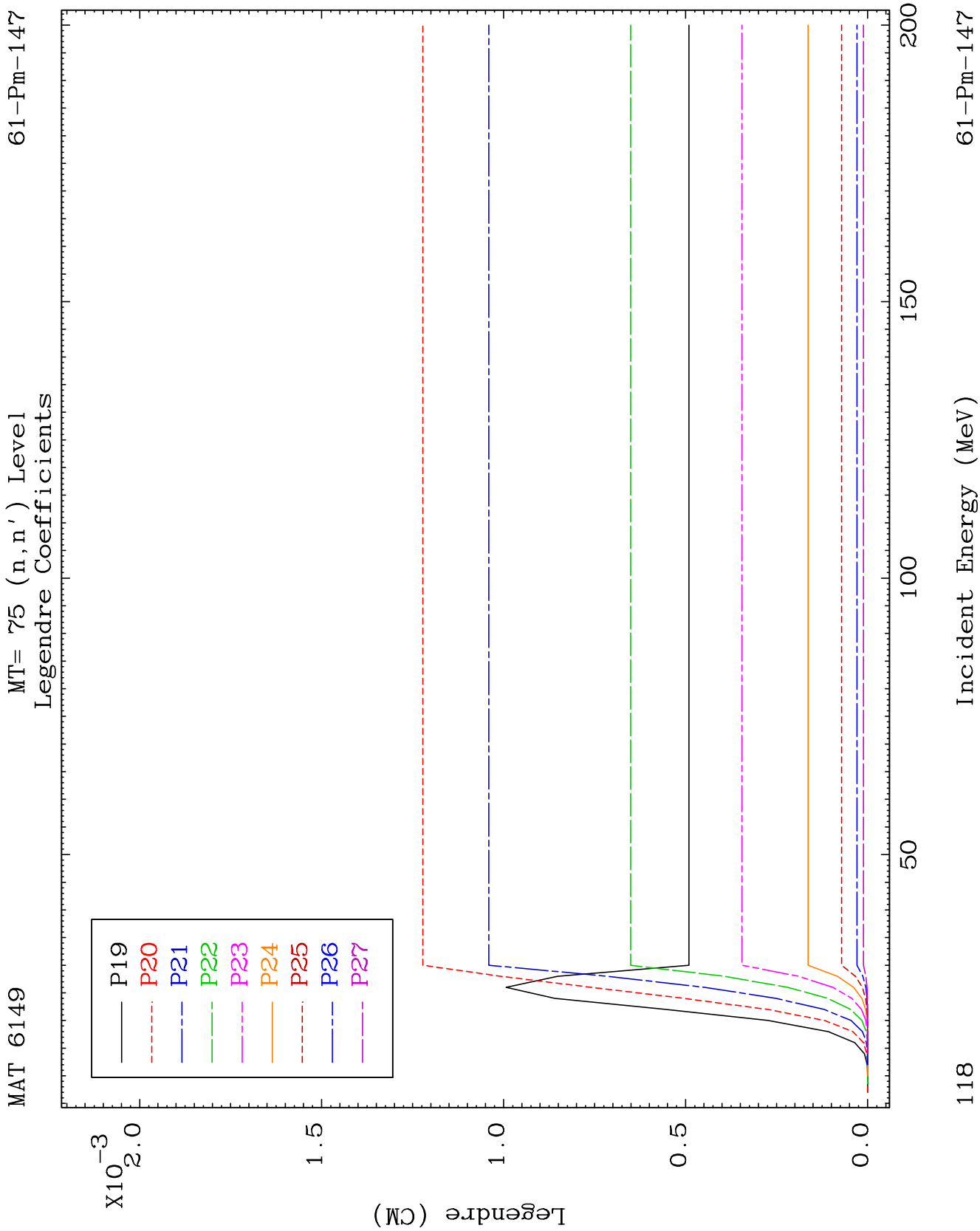
114

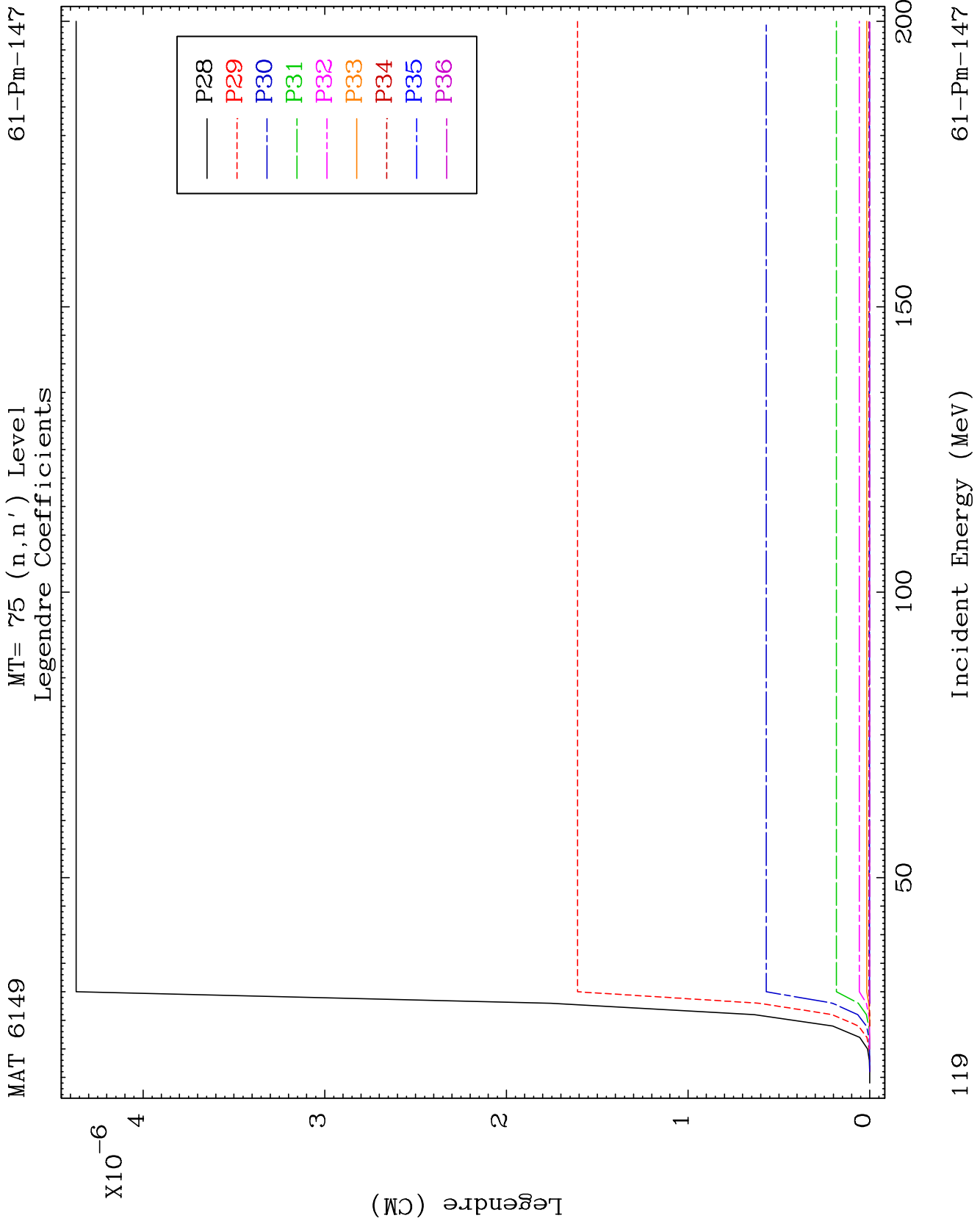
Incident Energy (MeV)

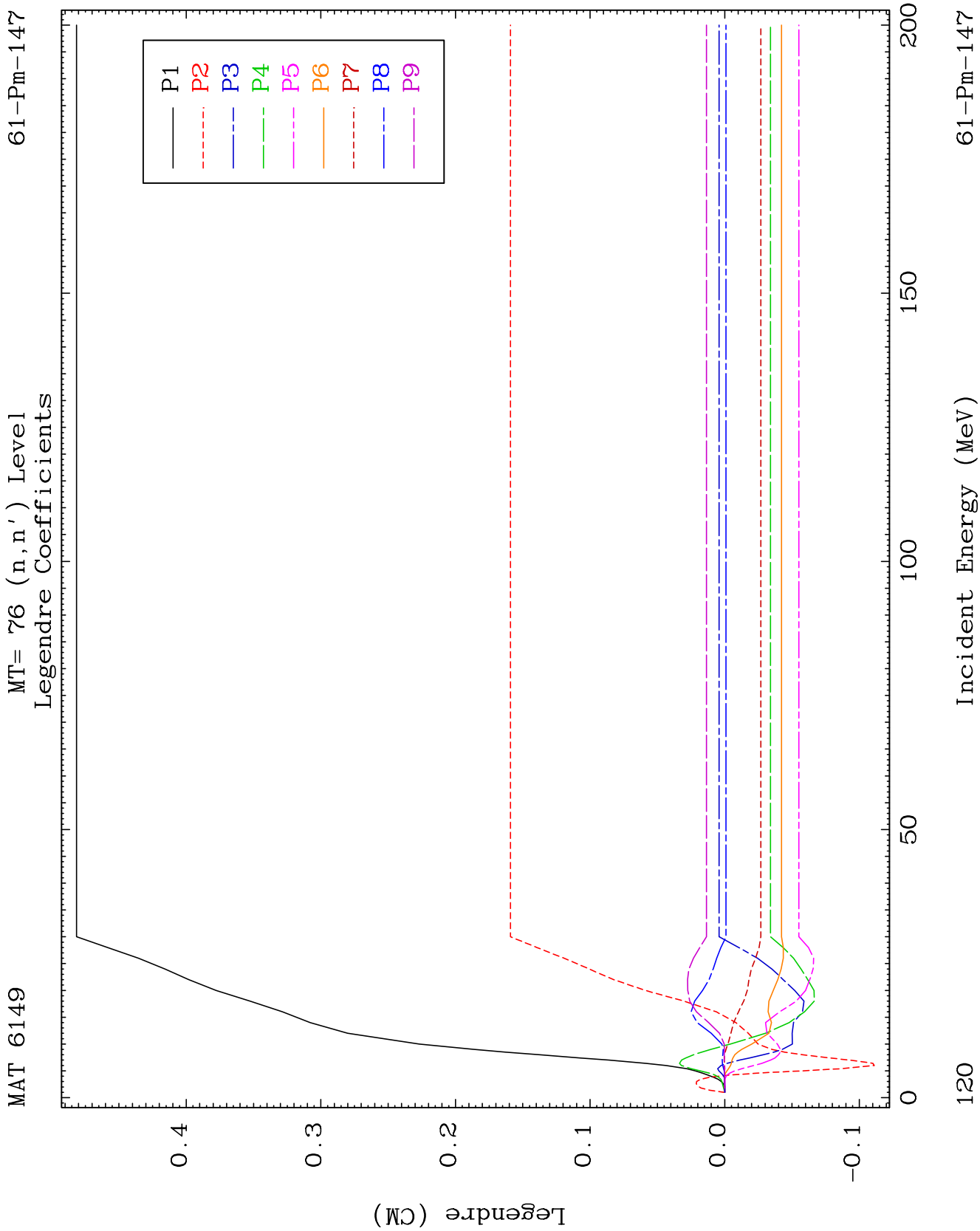
61-Pm-147







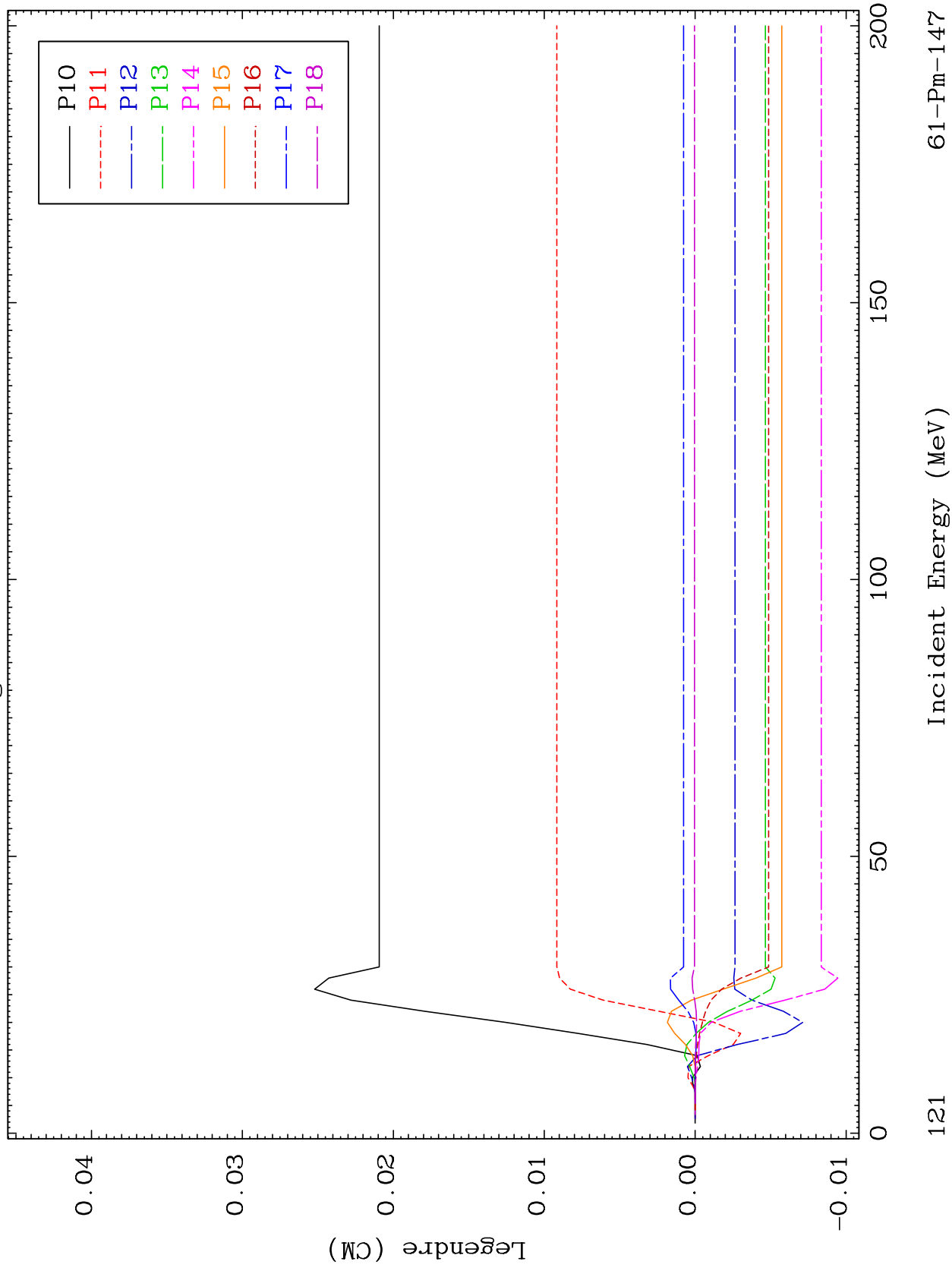


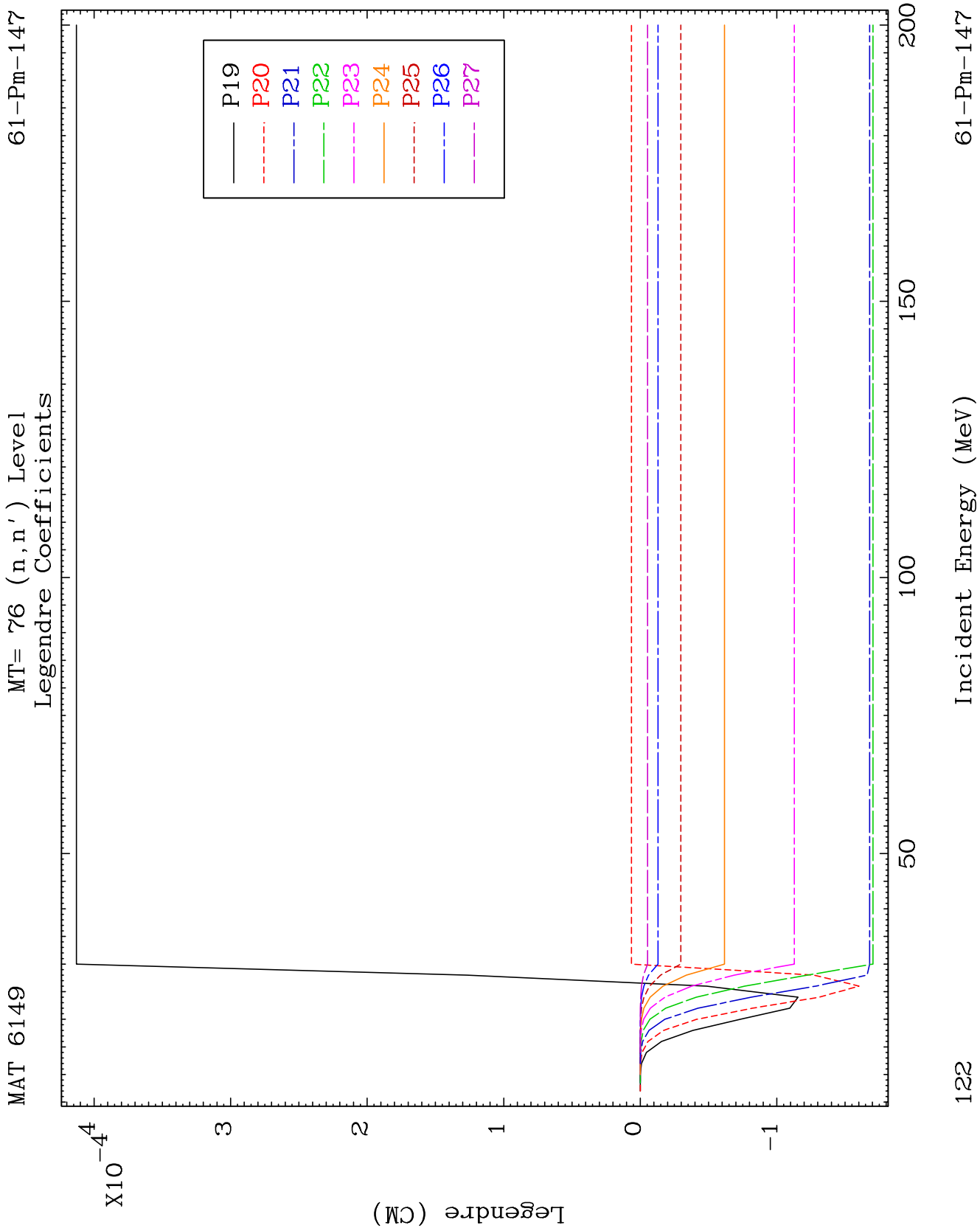


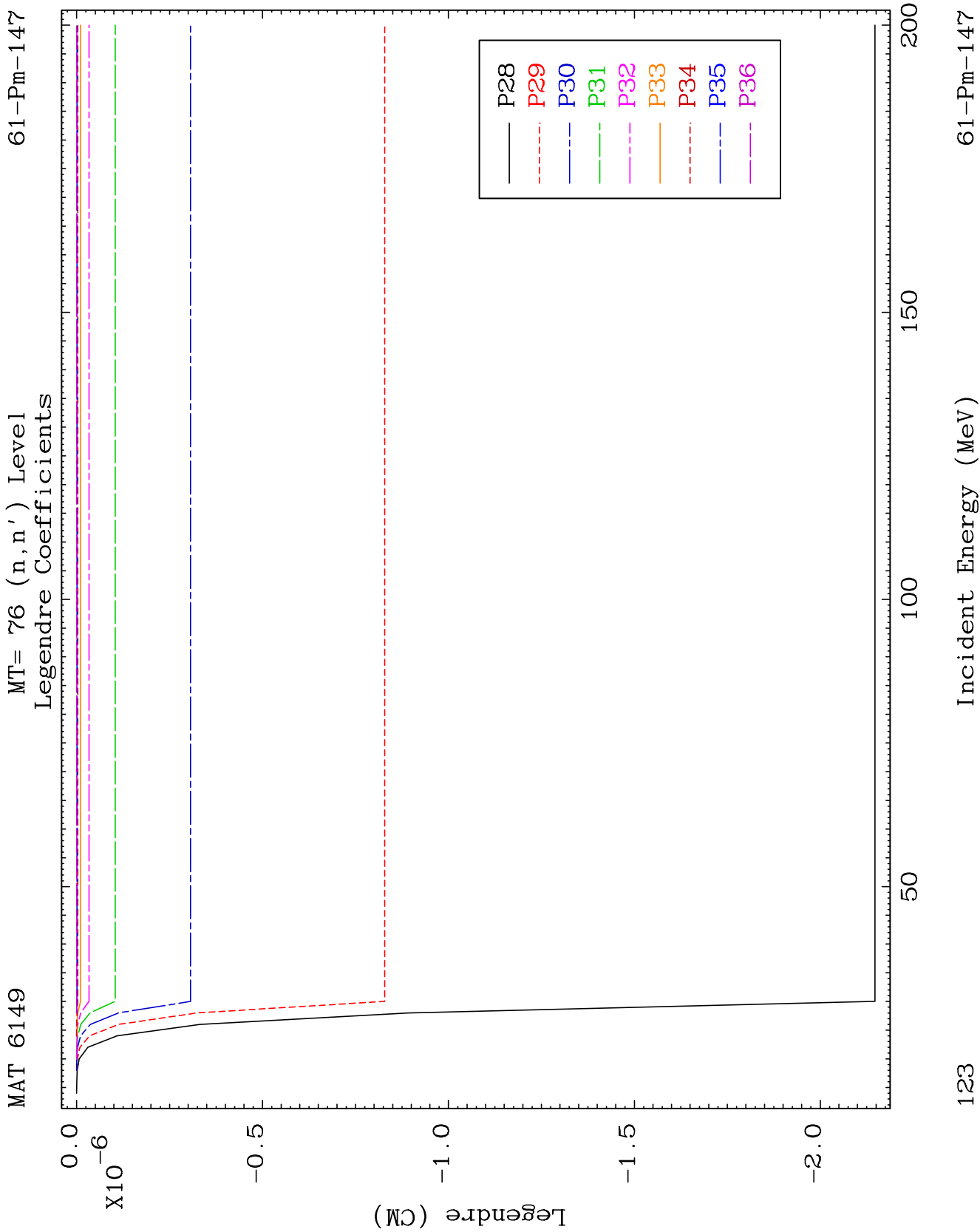
MAT 6149

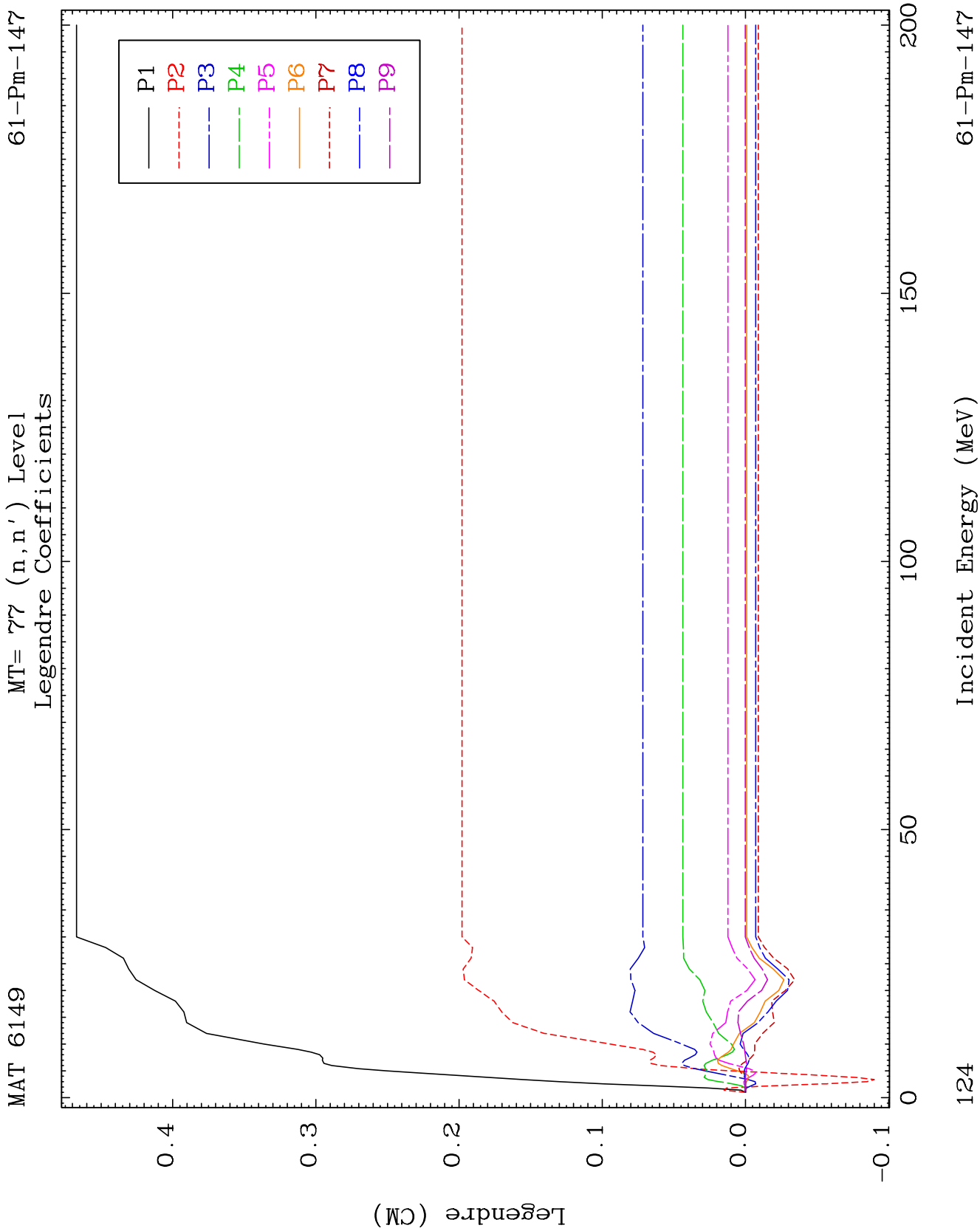
MT= 76 (n, n') Level
Legendre Coefficients

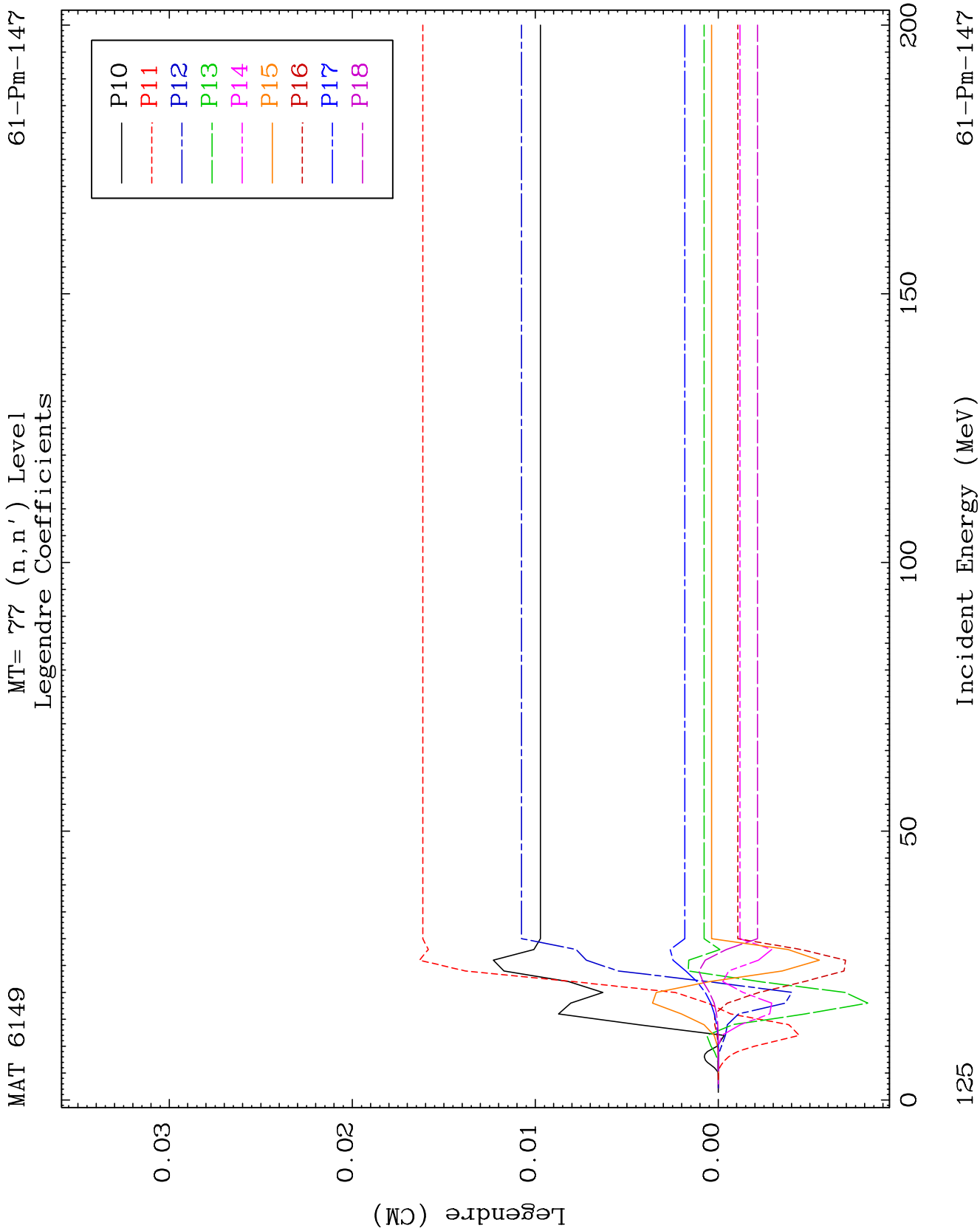
61-Pm-147







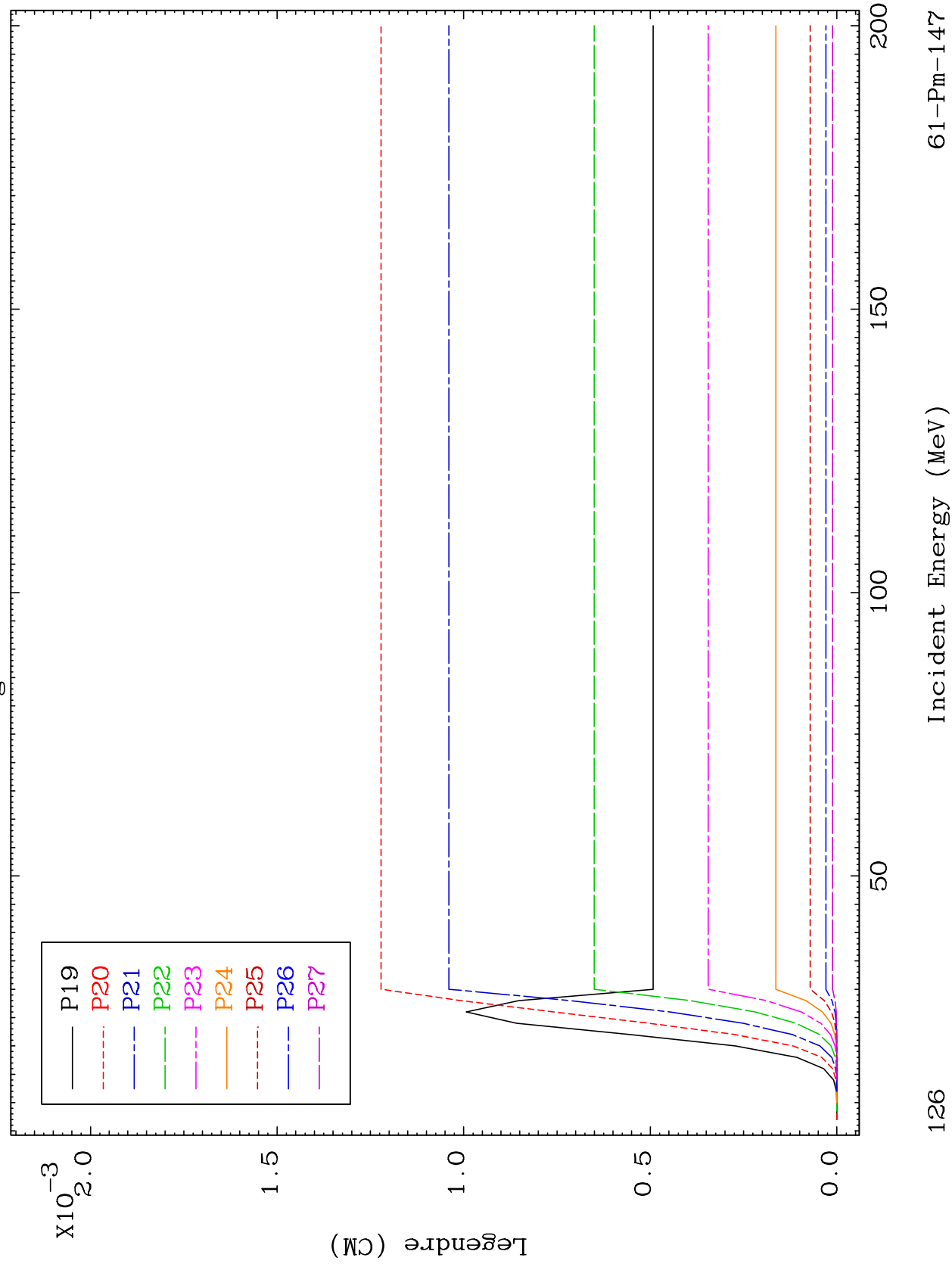




MAT 6149

MT= 77 (n, n') Level
Legendre Coefficients

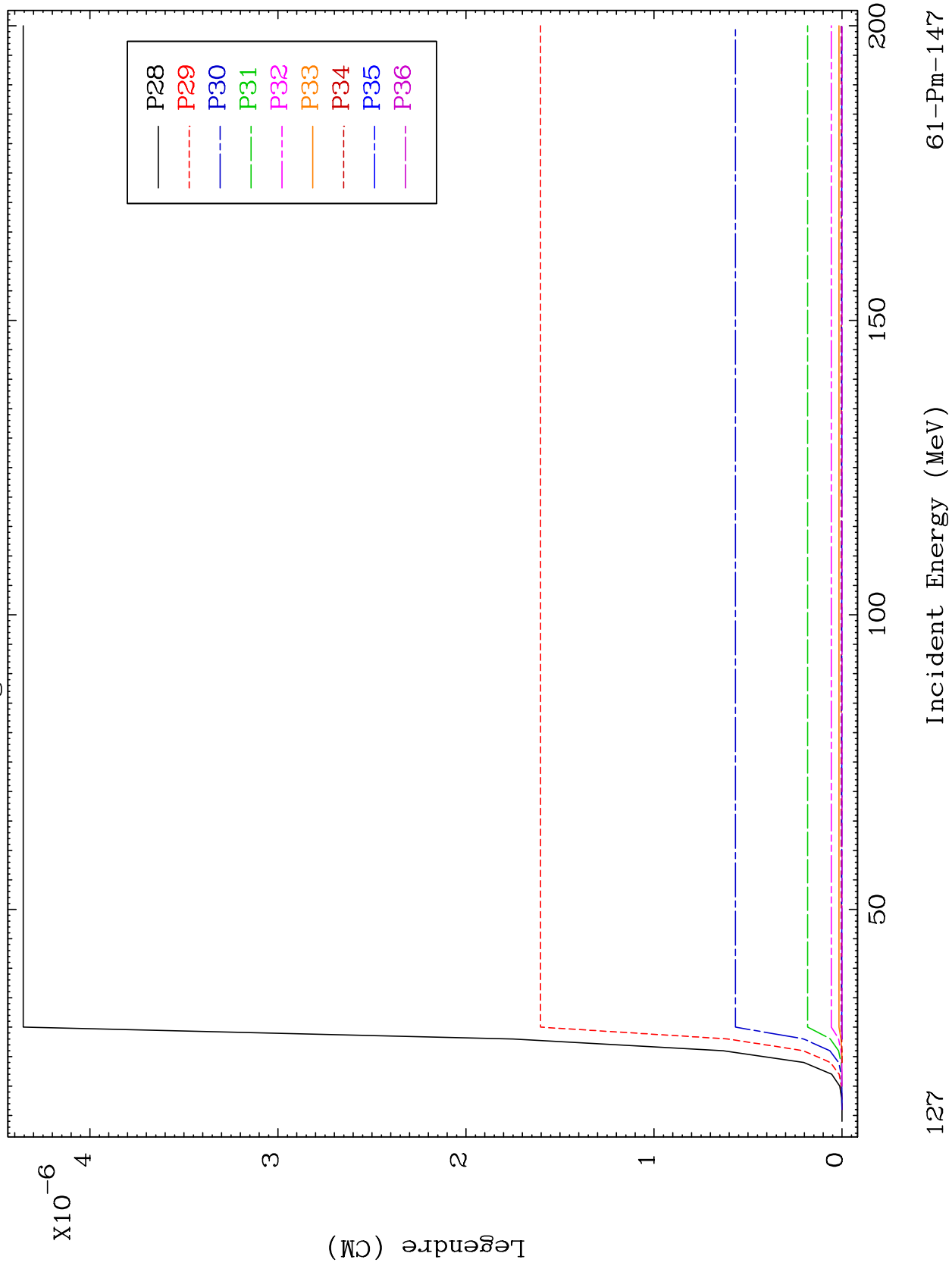
61-Pm-147

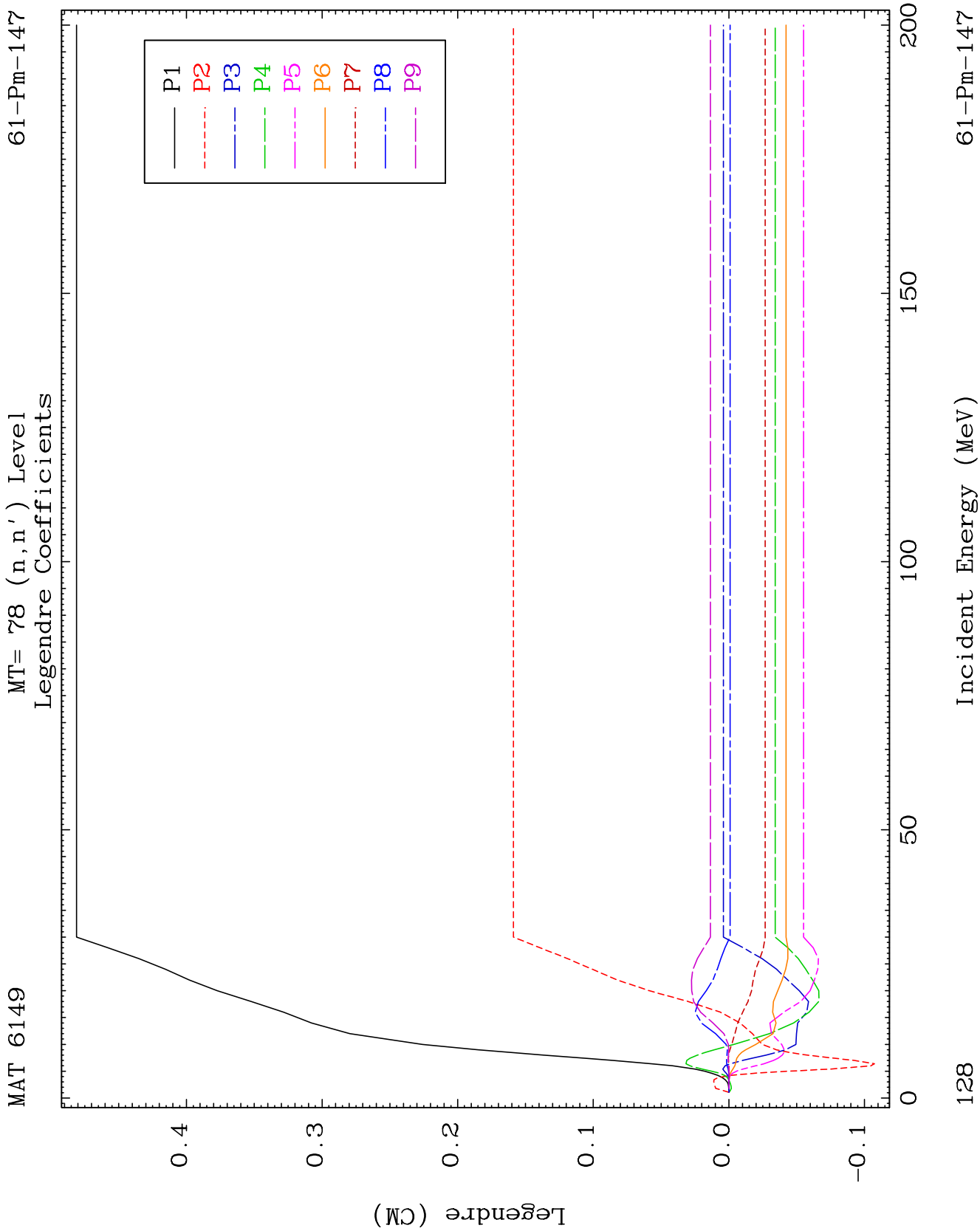


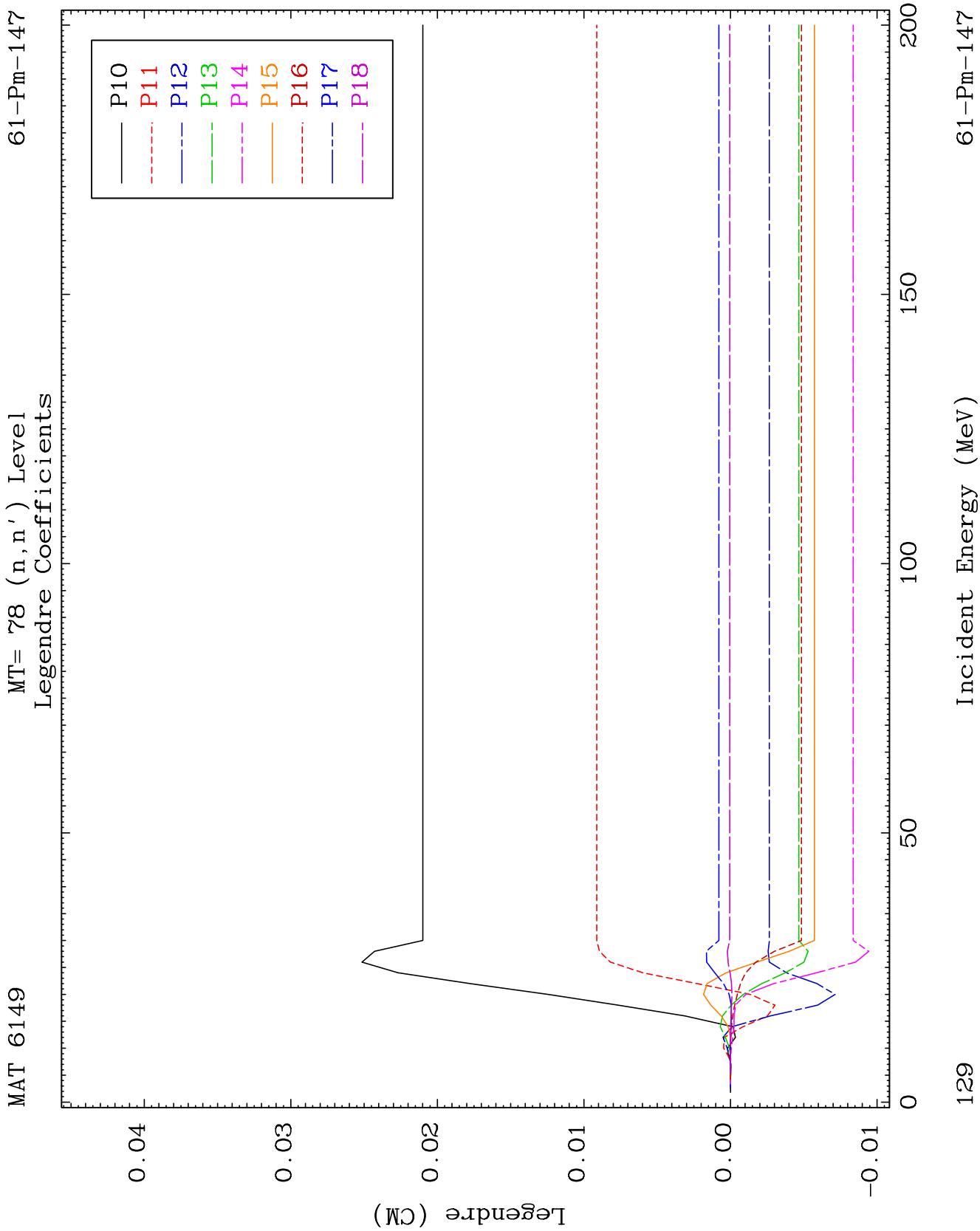
MAT 6149

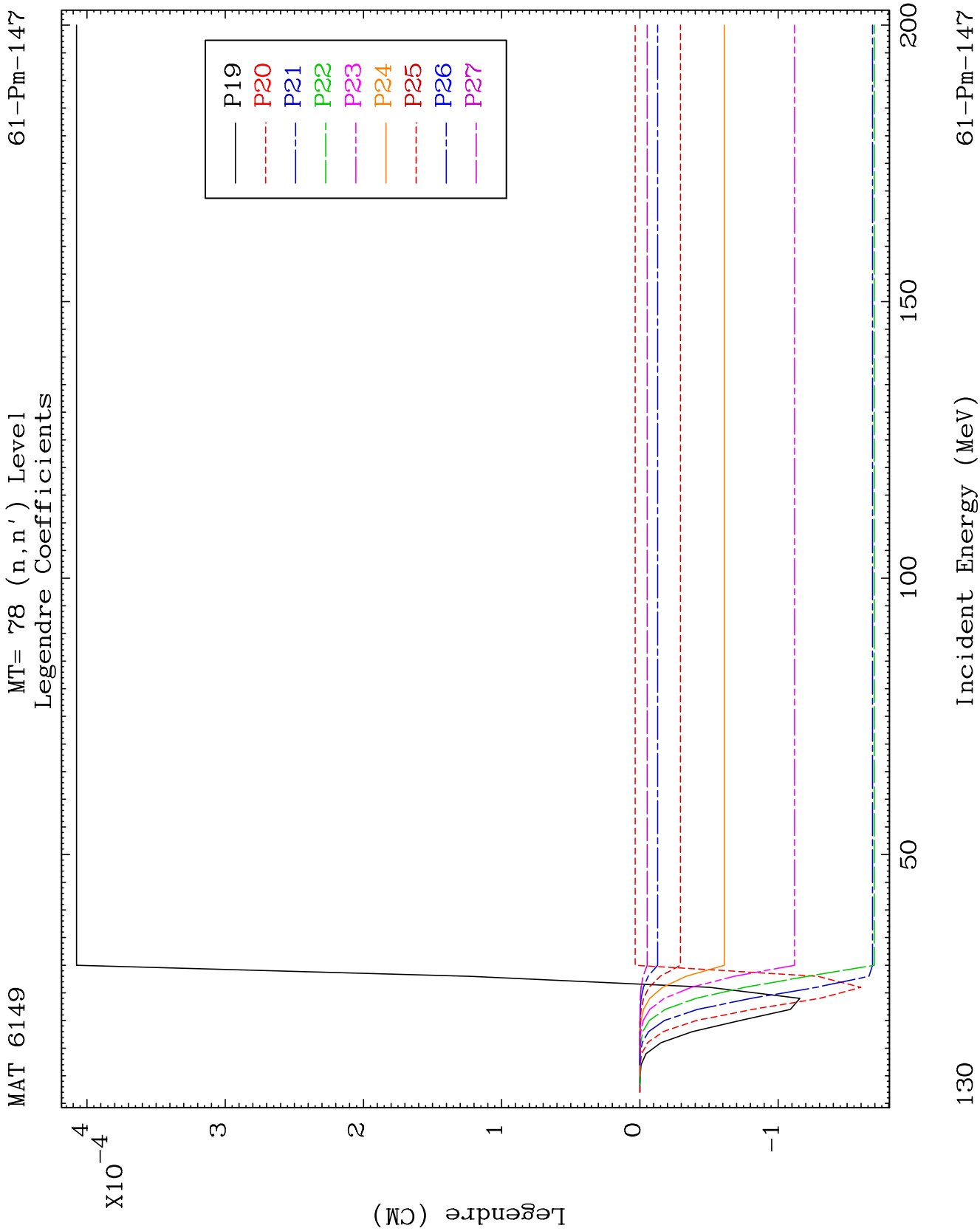
MT= 77 (n, n') Level
Legendre Coefficients

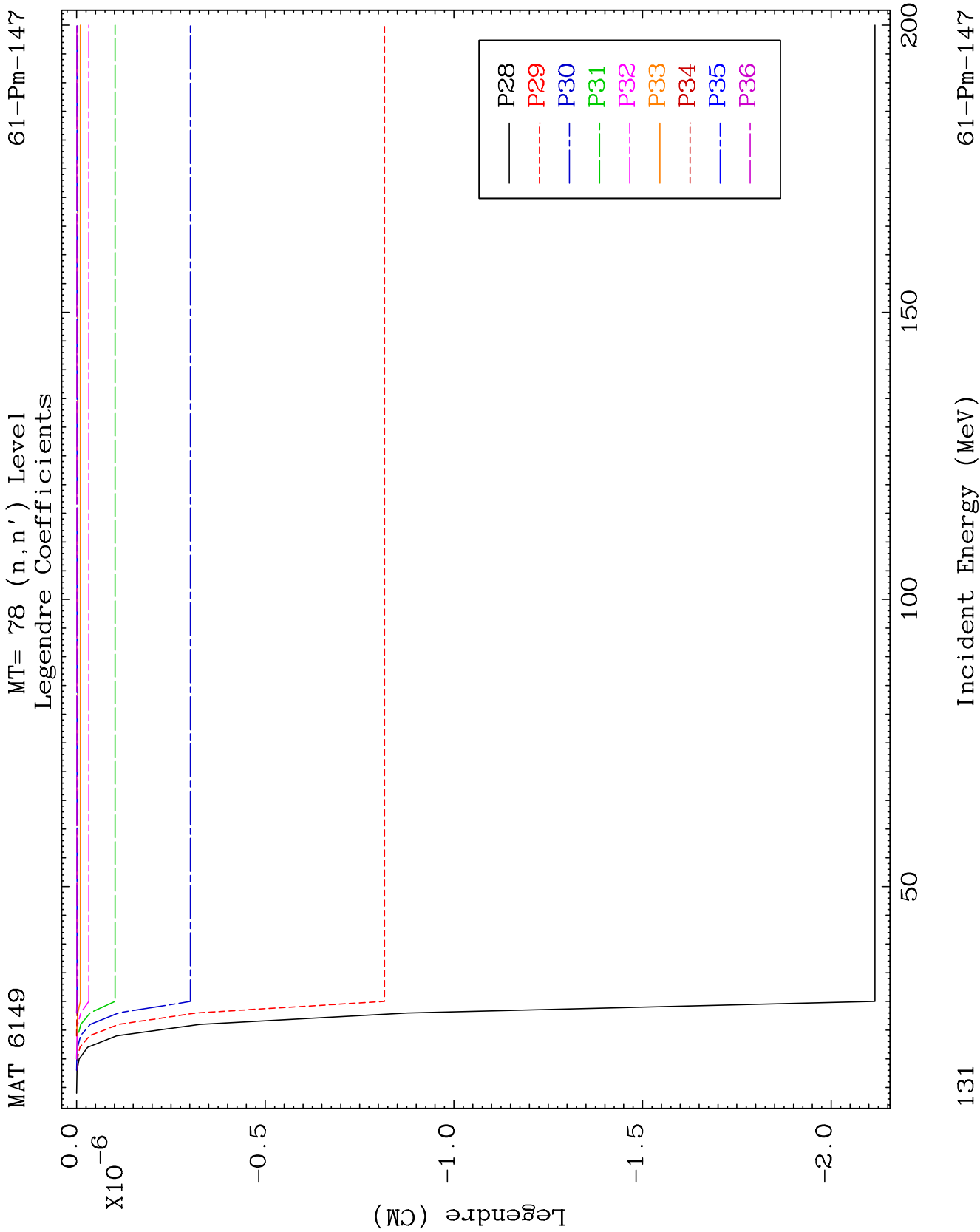
61-Pm-147

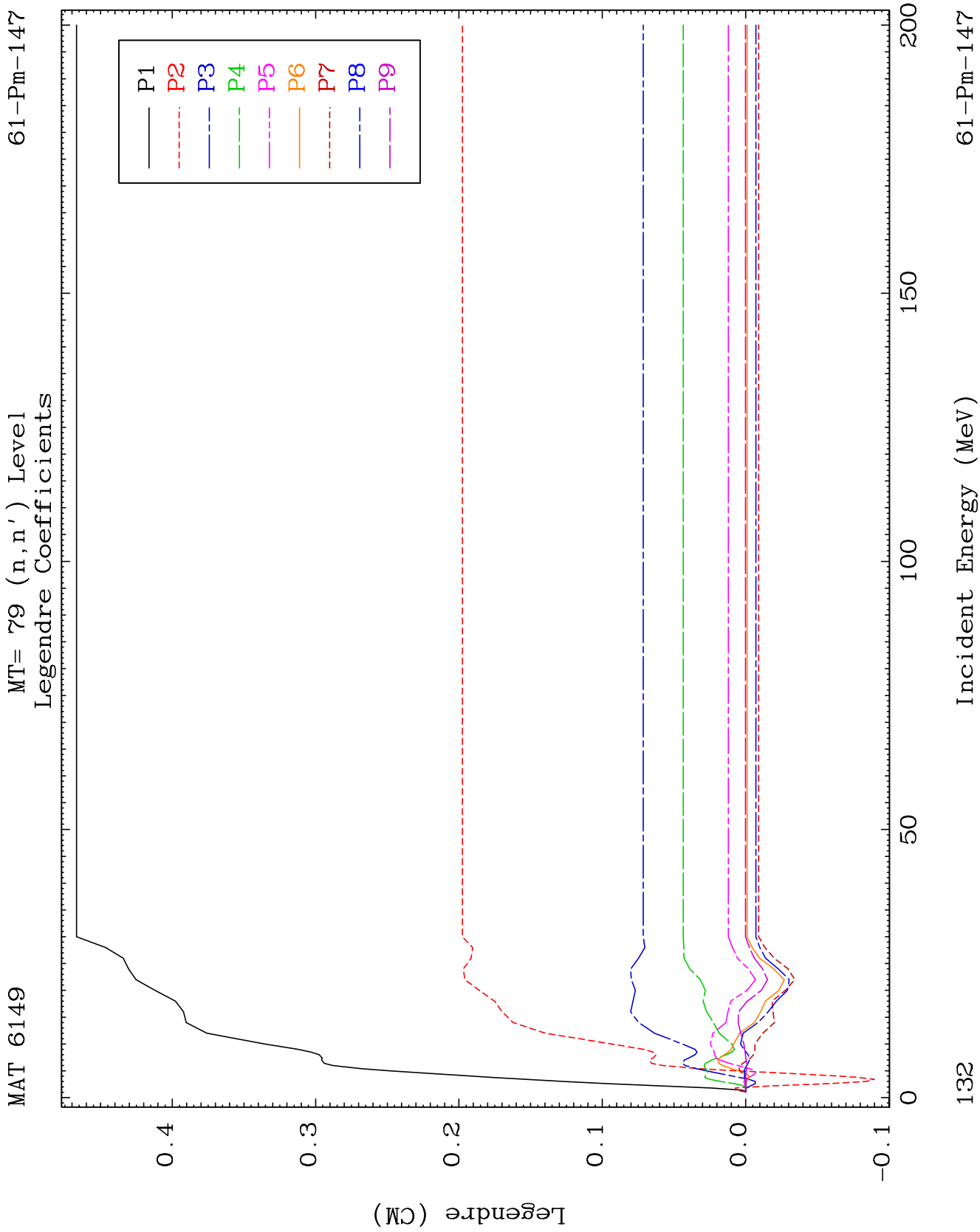


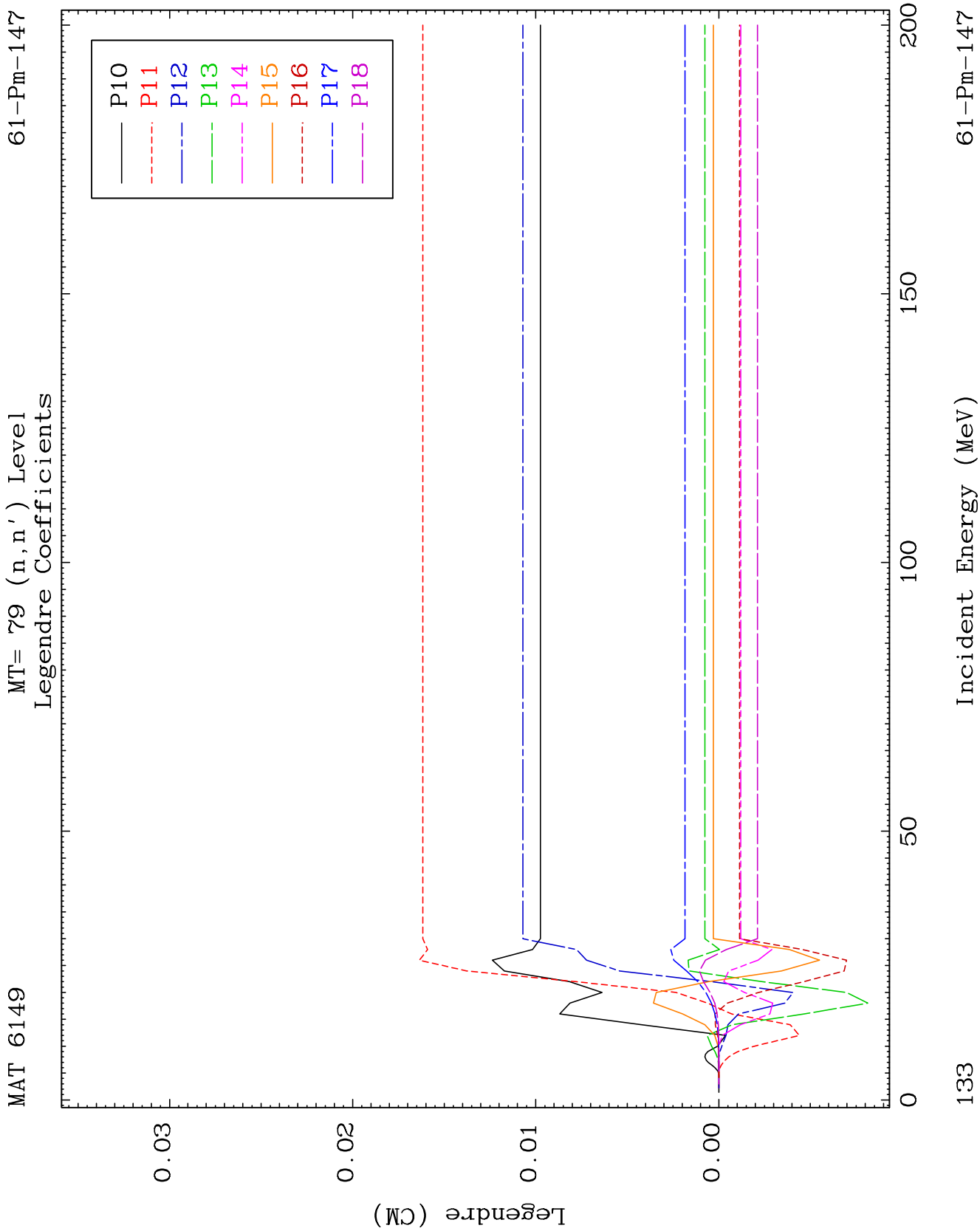








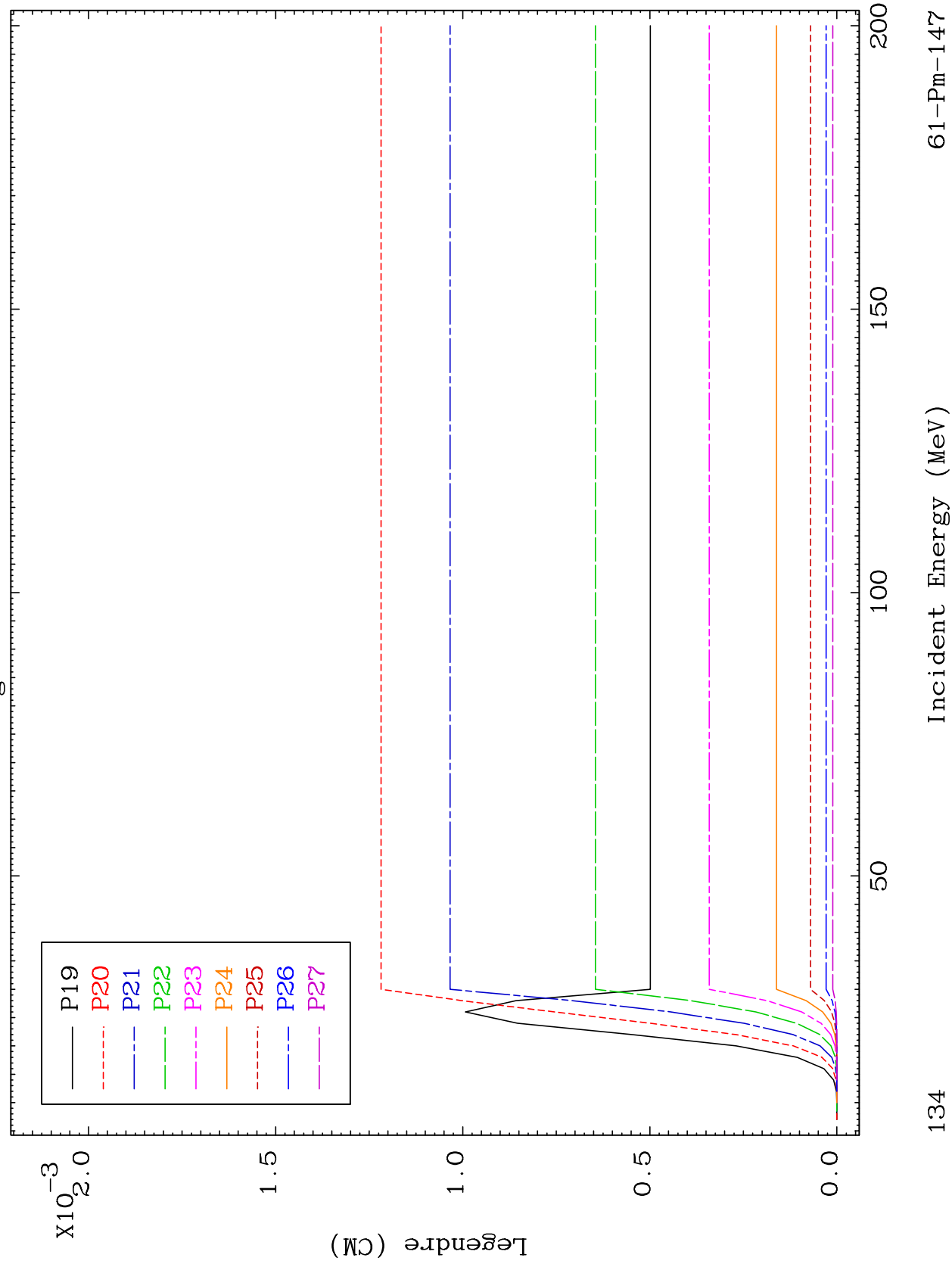


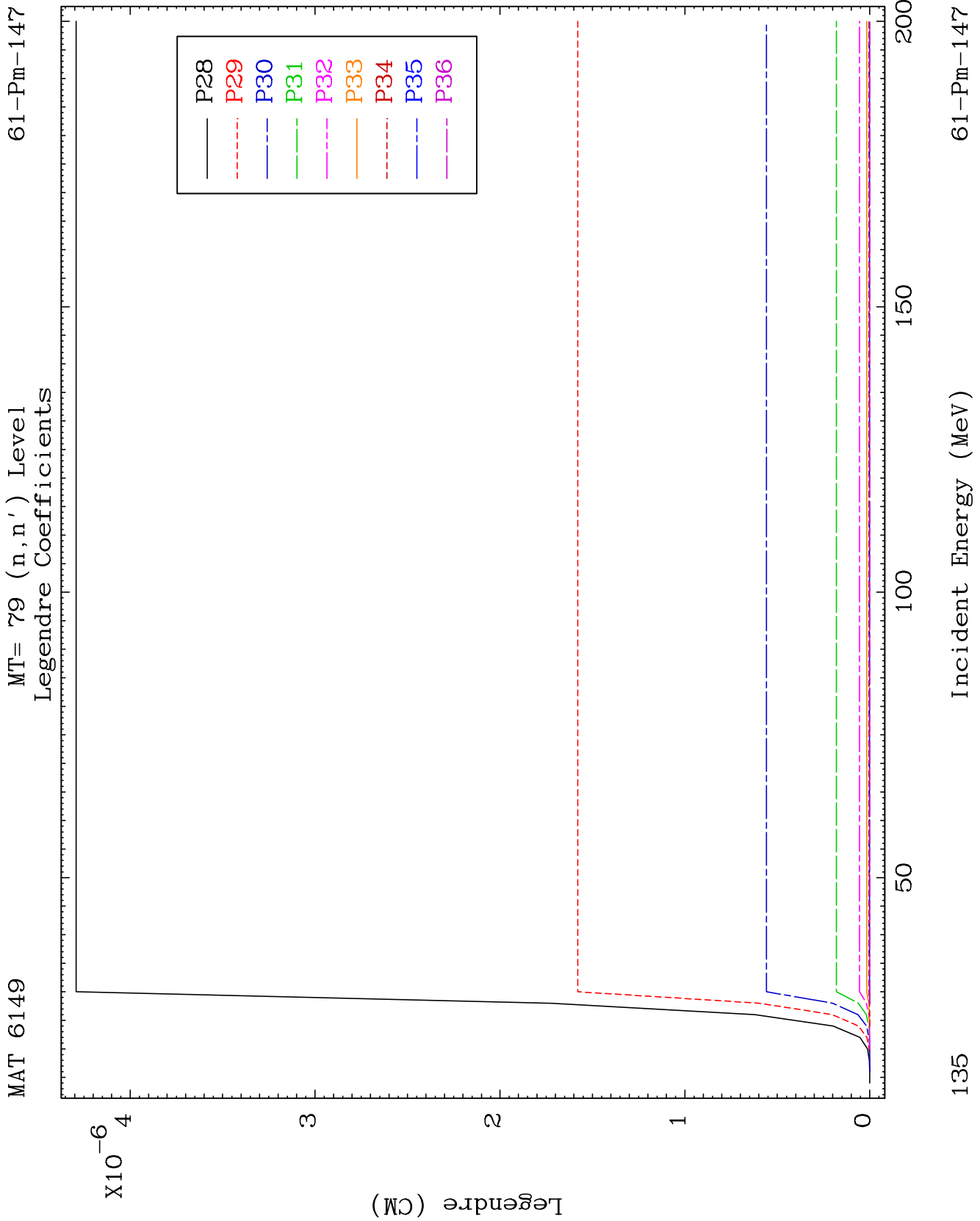


MAT 6149

MT= 79 (n, n') Level
Legendre Coefficients

61-Pm-147

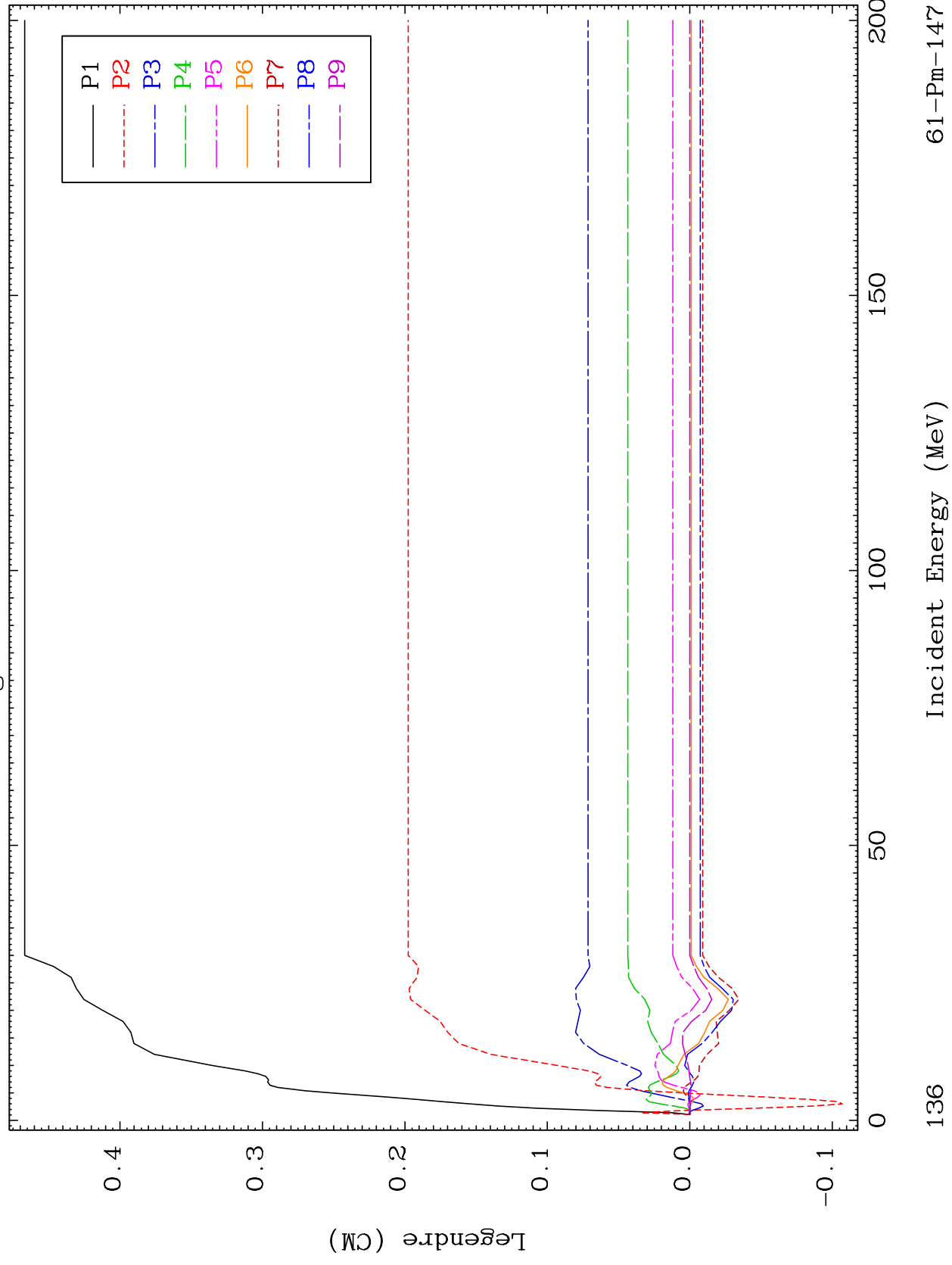


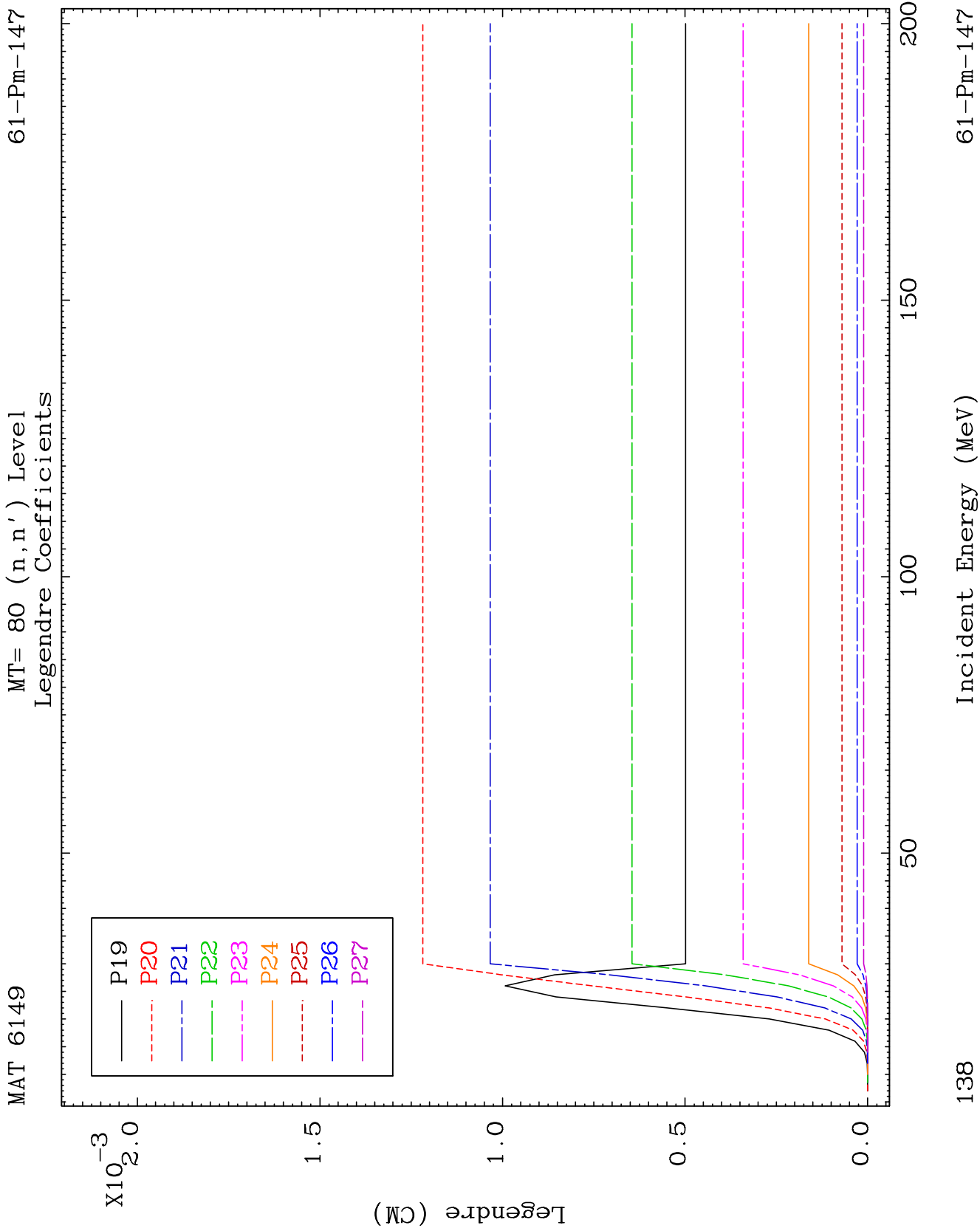


MAT 6149

MT= 80 (n, n') Level
Legendre Coefficients

61-Pm-147

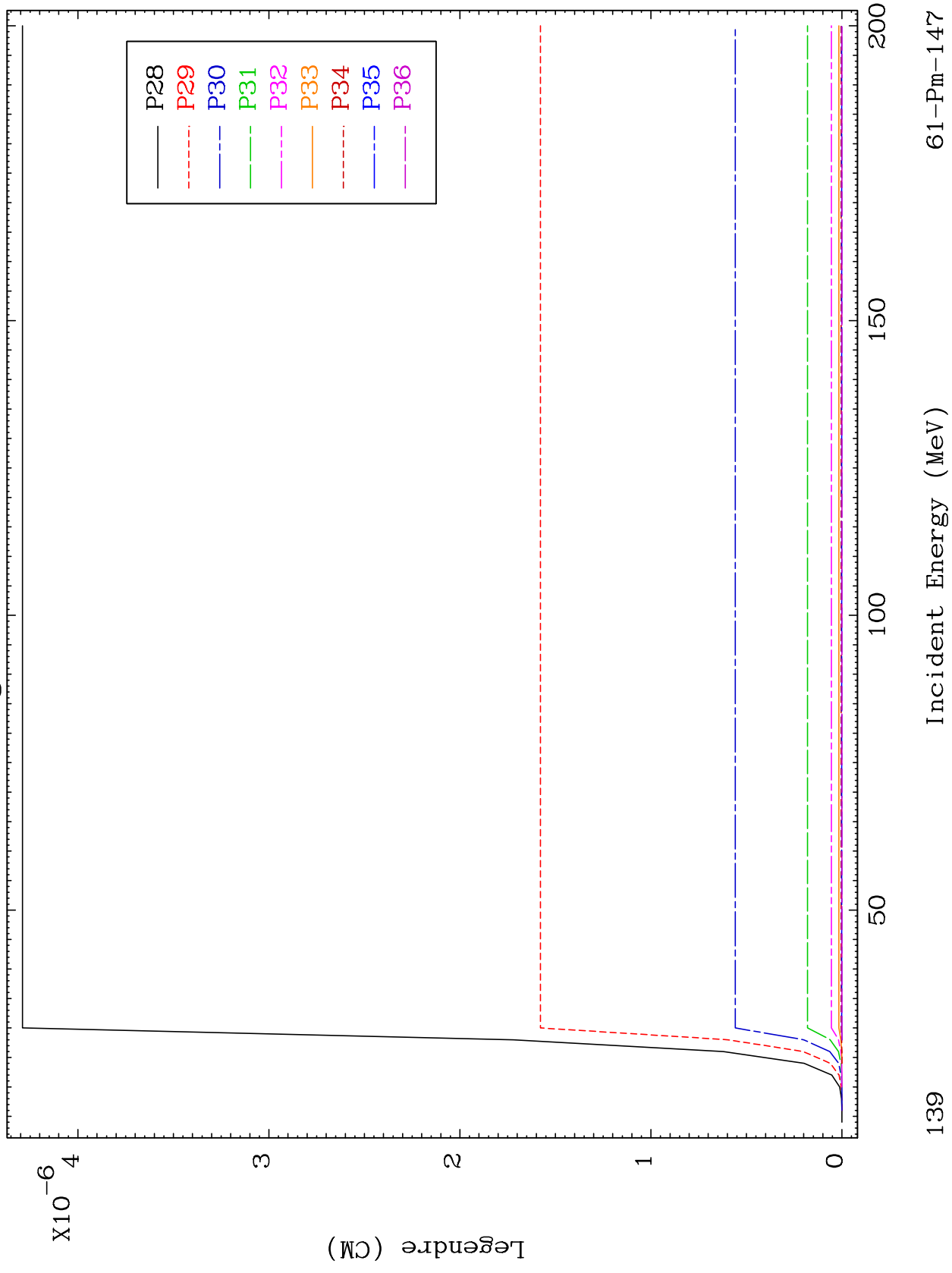


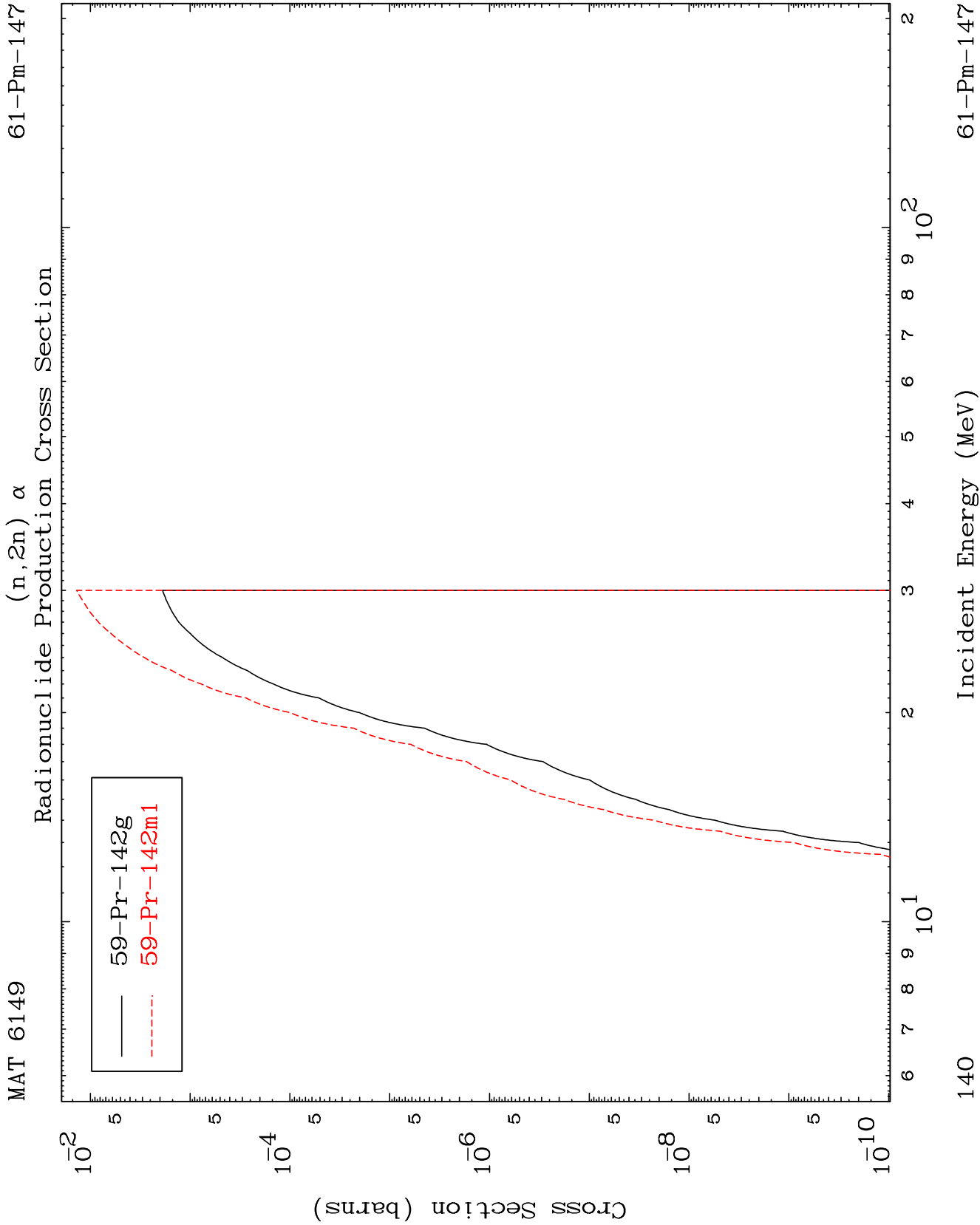


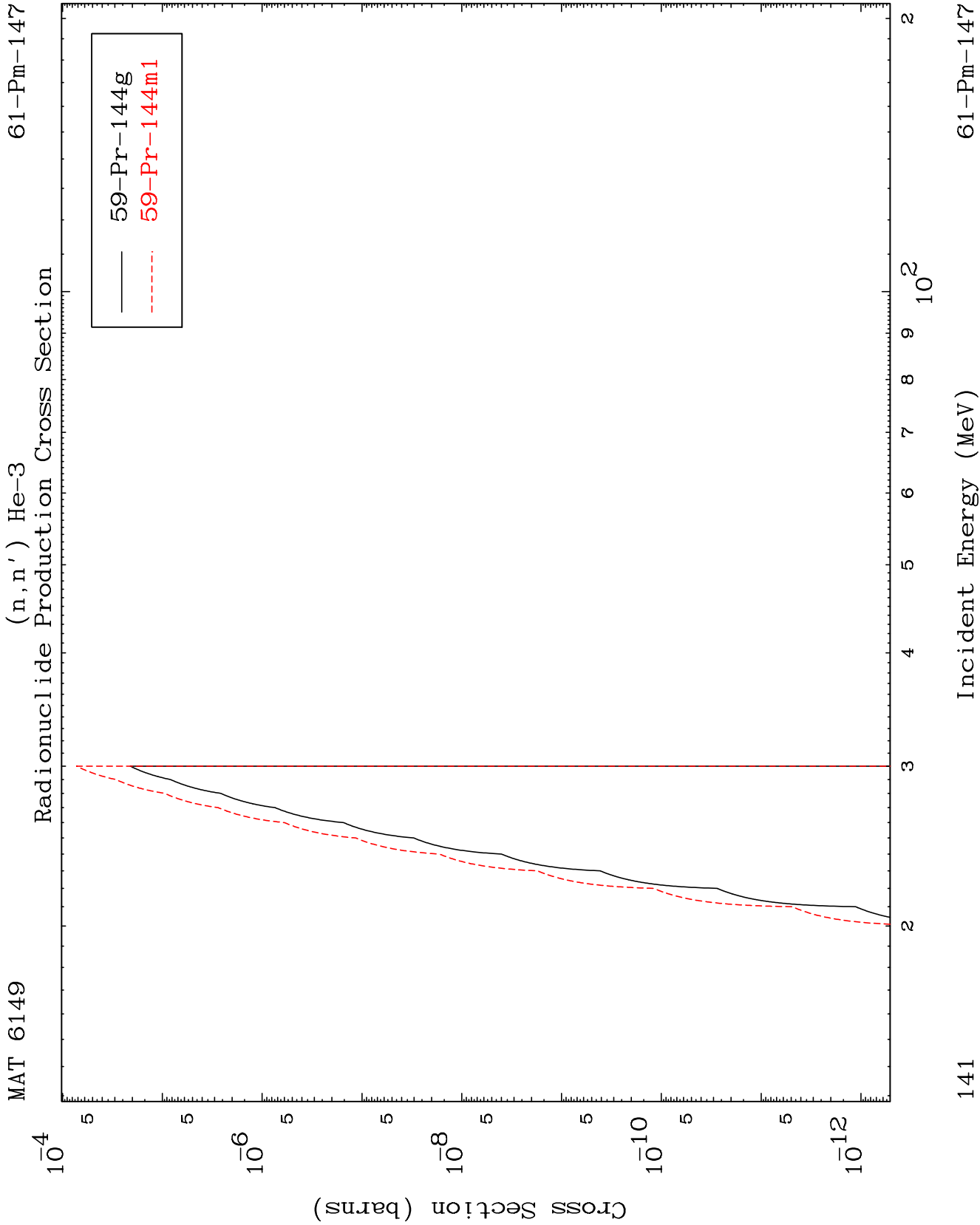
MAT 6149

MT= 80 (n, n') Level
Legendre Coefficients

61-Pm-147



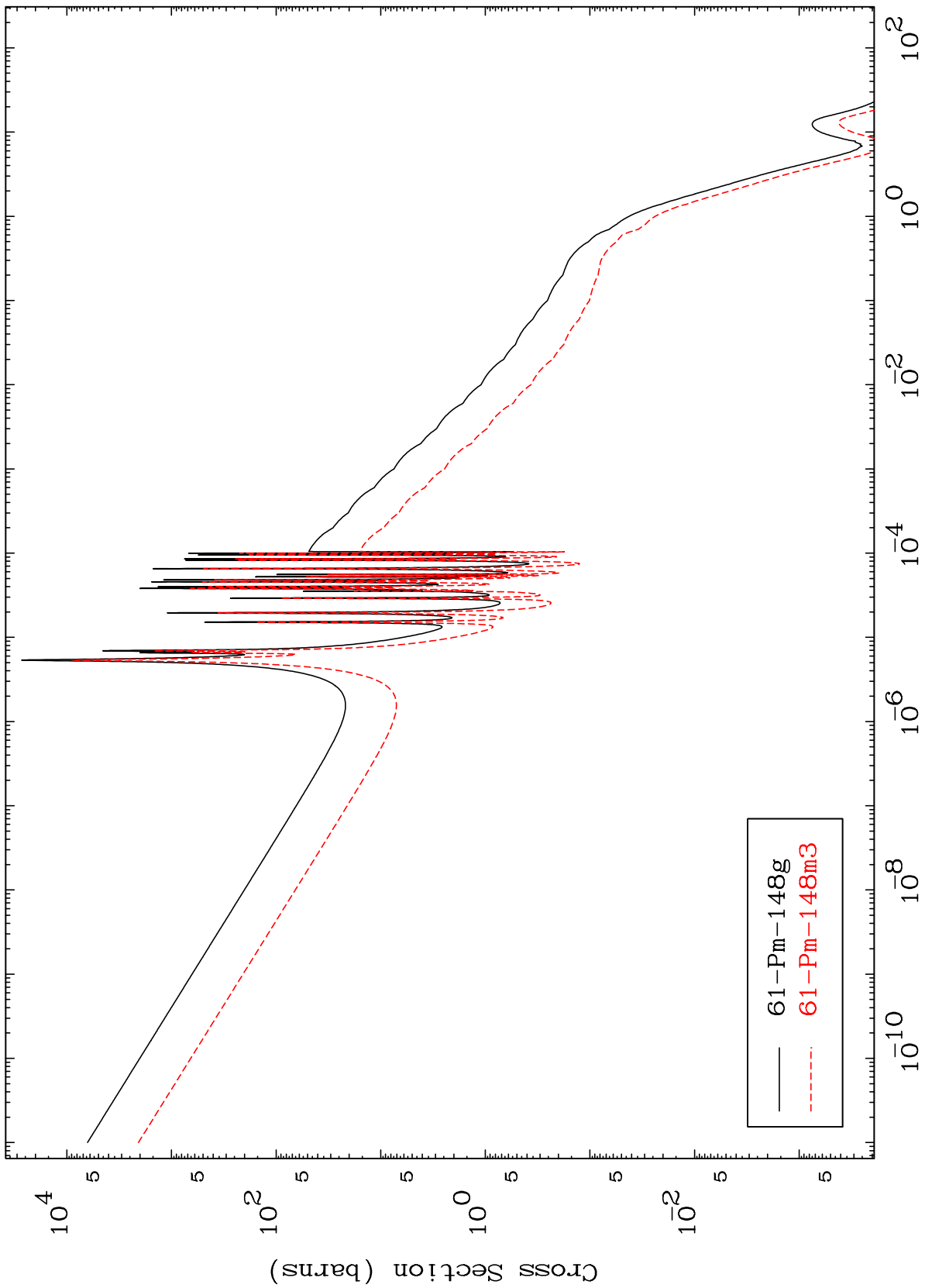




MAT 6149

61-Pm-147

Radionuclide Production Cross Section
(n, γ)



— 61-Pm-148g
- - - 61-Pm-148m3

142

61-Pm-147

