

Program EVALPLOT
(Version 2021-1)

by

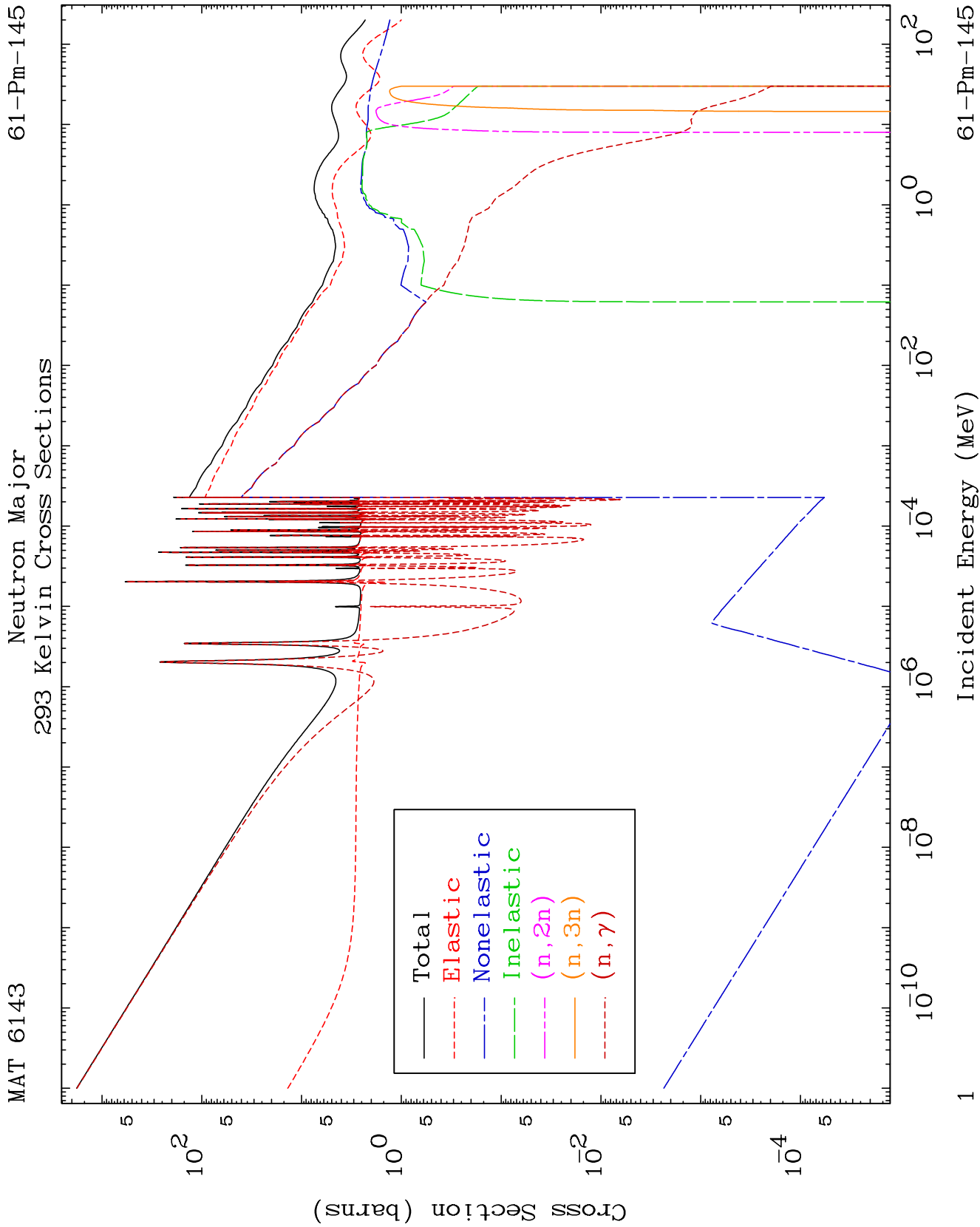
Dermott E. Cullen
(Present Contact Information)

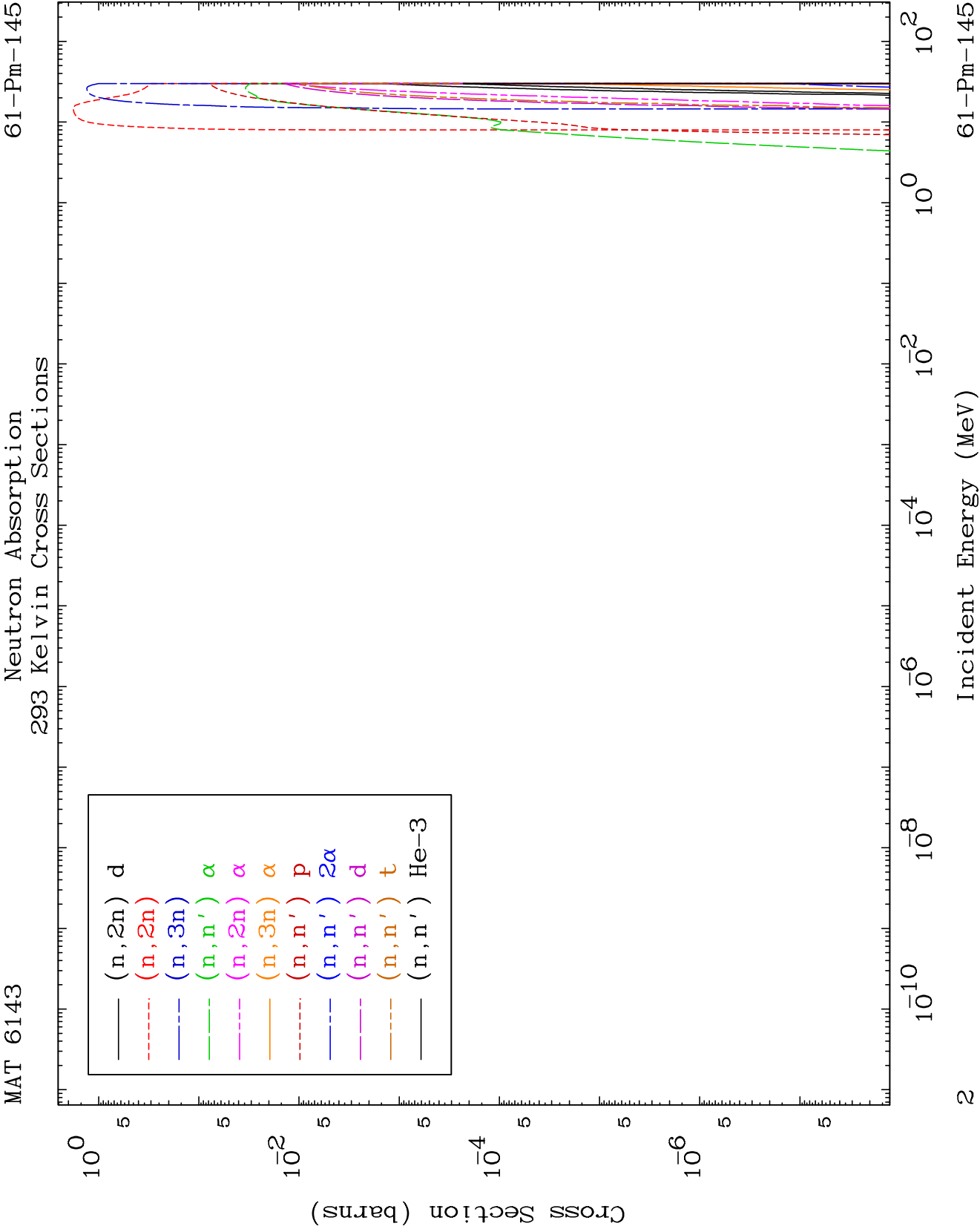
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

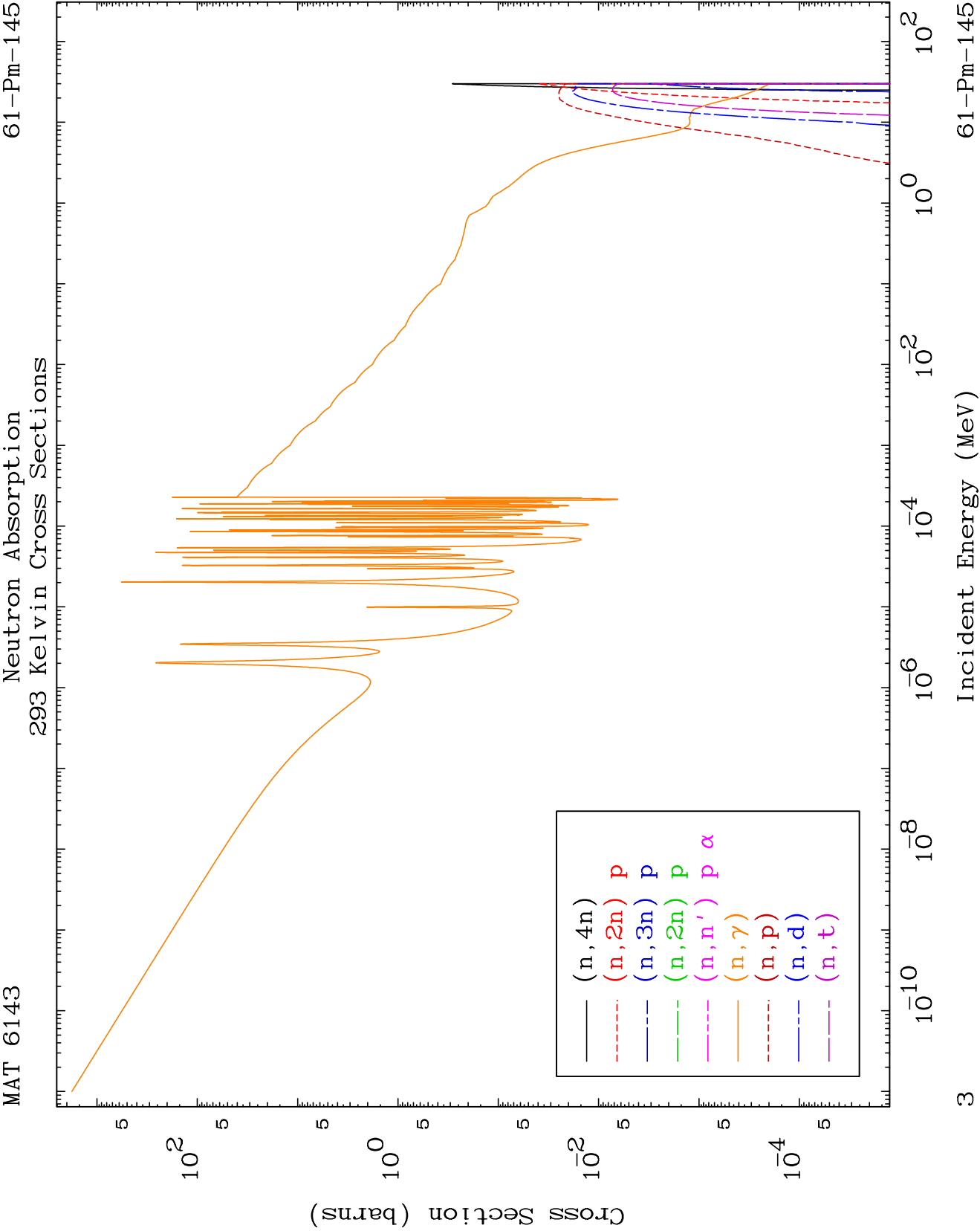
Tele: 925-443-1911

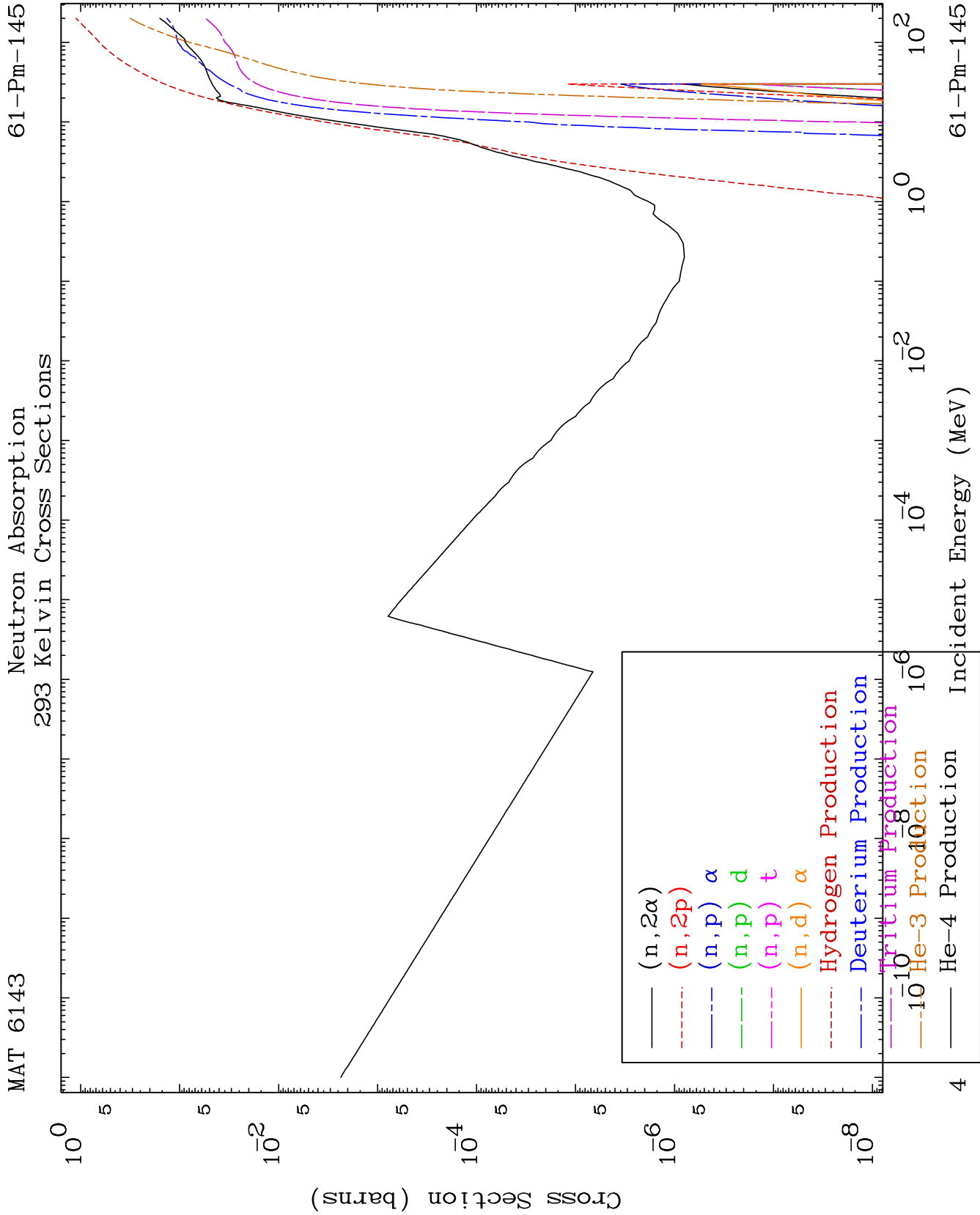
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





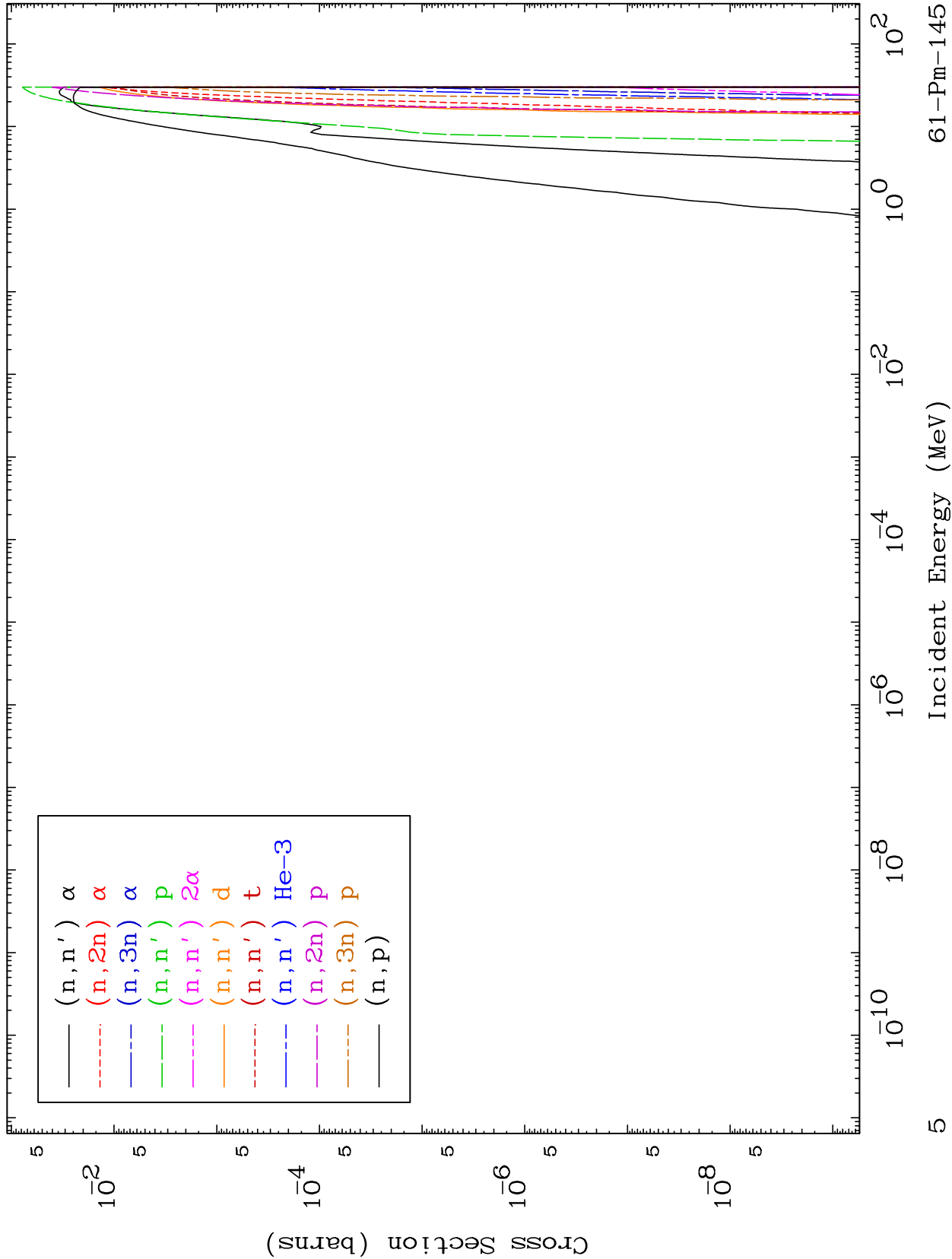




MAT 6143

Charged Particle
293 Kelvin Cross Sections

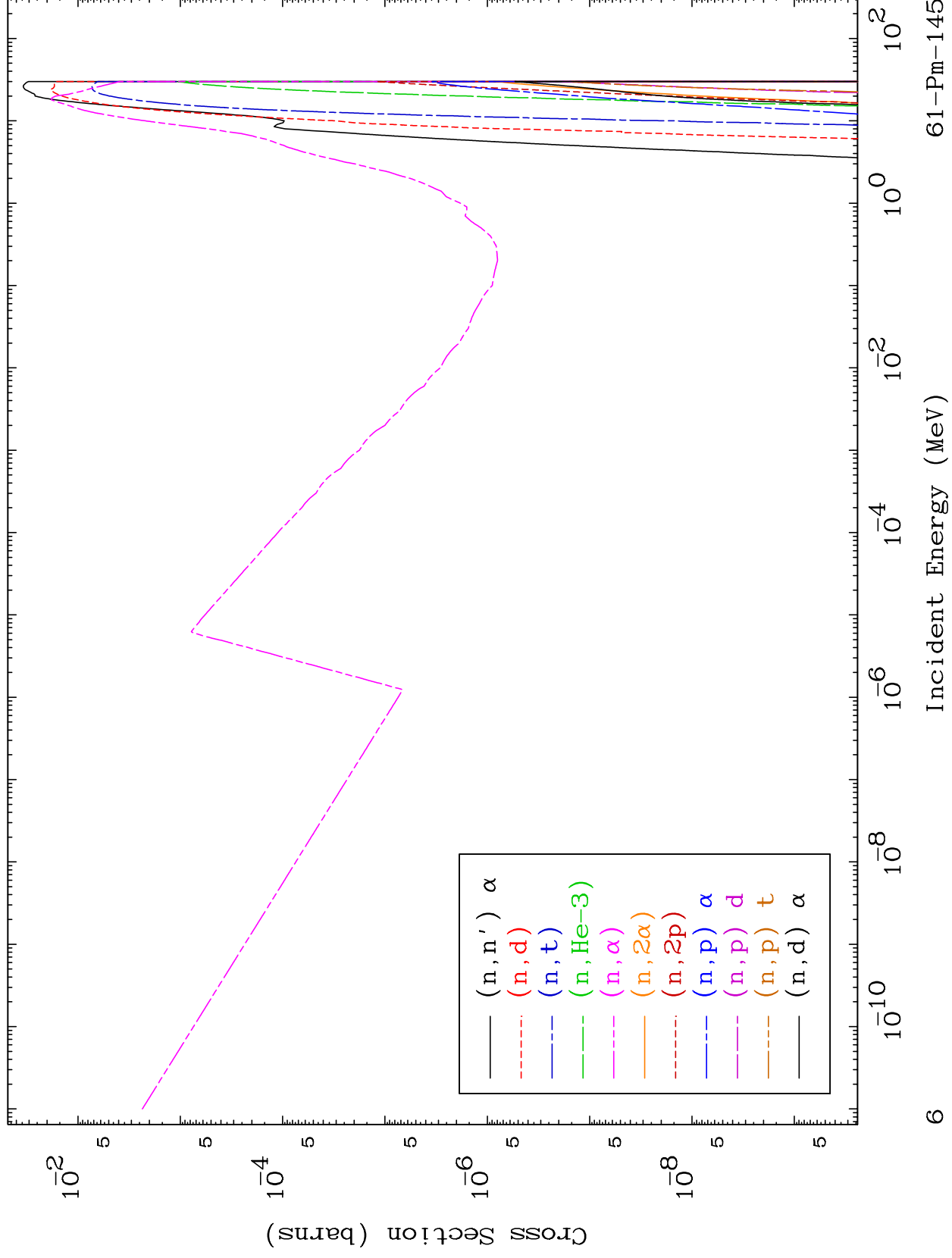
61-Pm-145

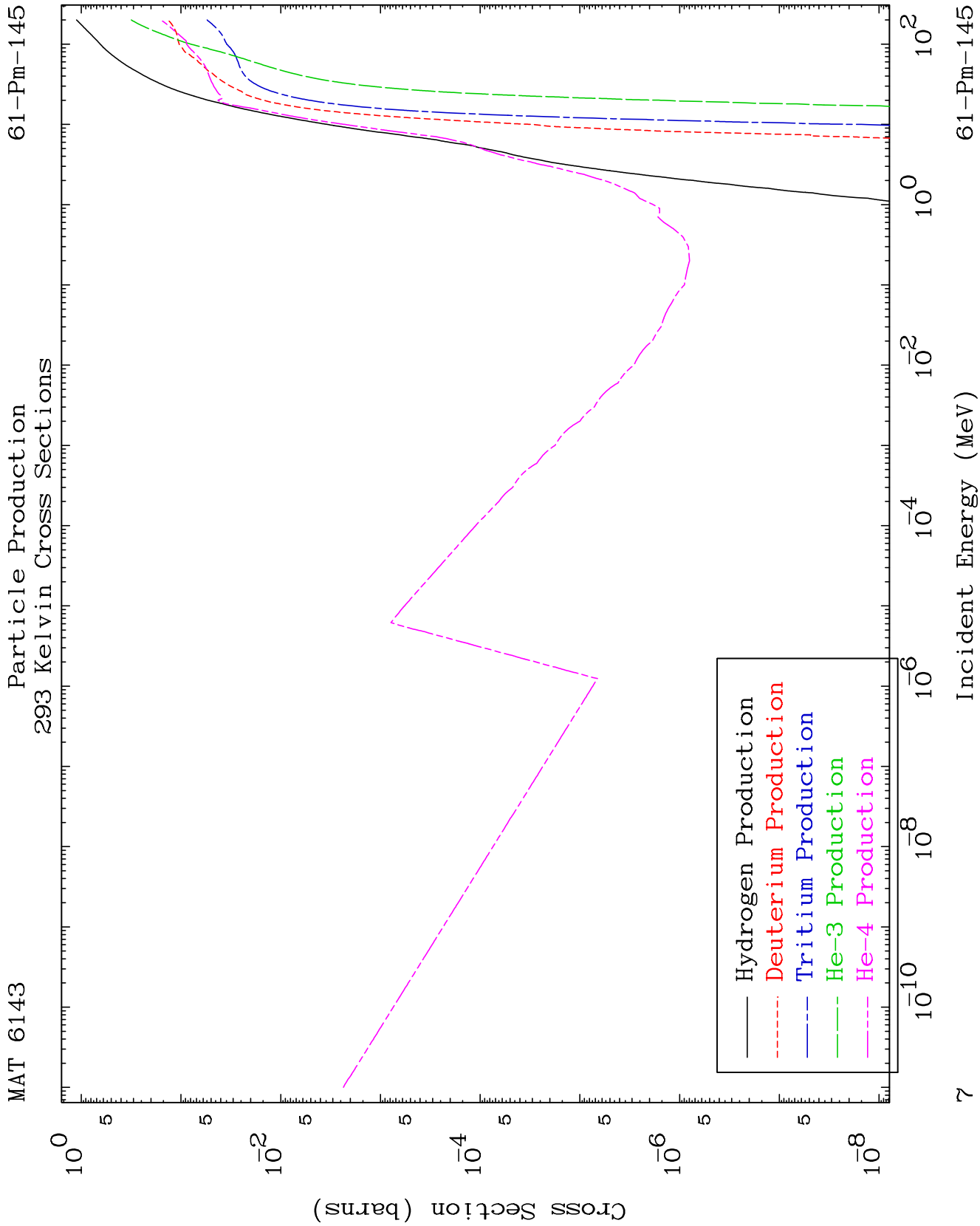


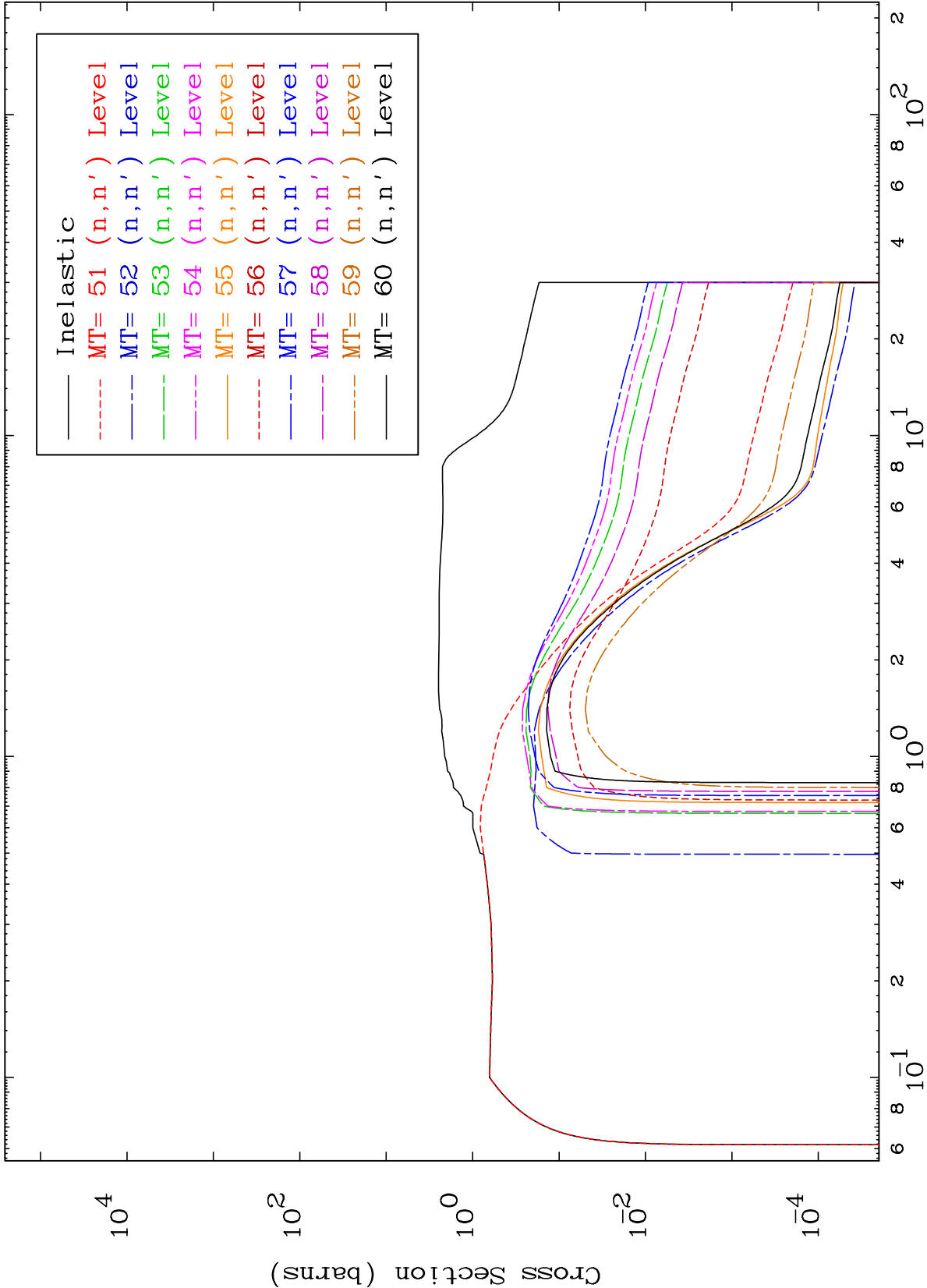
MAT 6143

Charged Particle
293 Kelvin Cross Sections

61-Pm-145





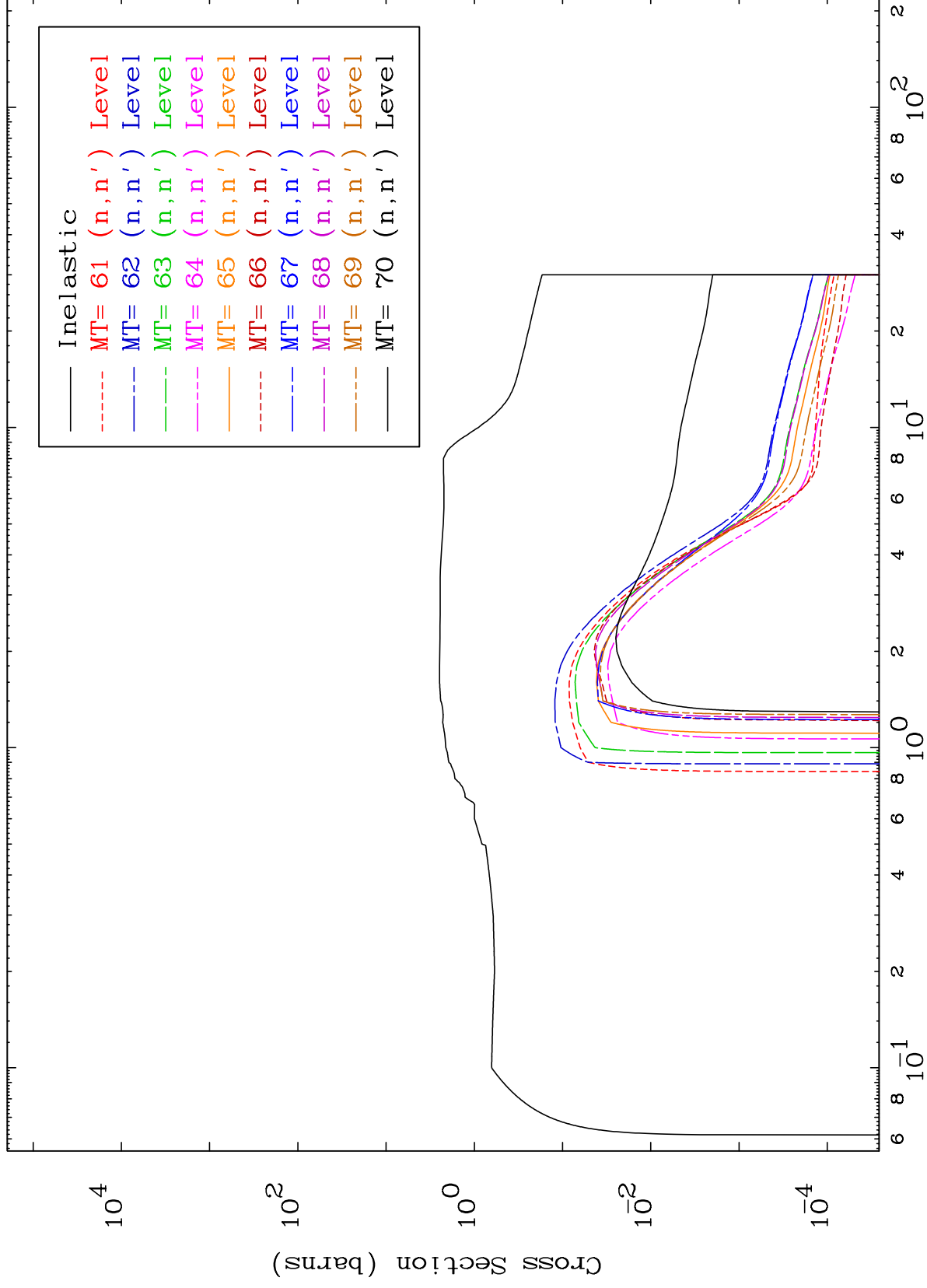


MAT 6143

(n,n') Levels

61-Pm-145

293 Kelvin Cross Sections



9

Incident Energy (MeV)

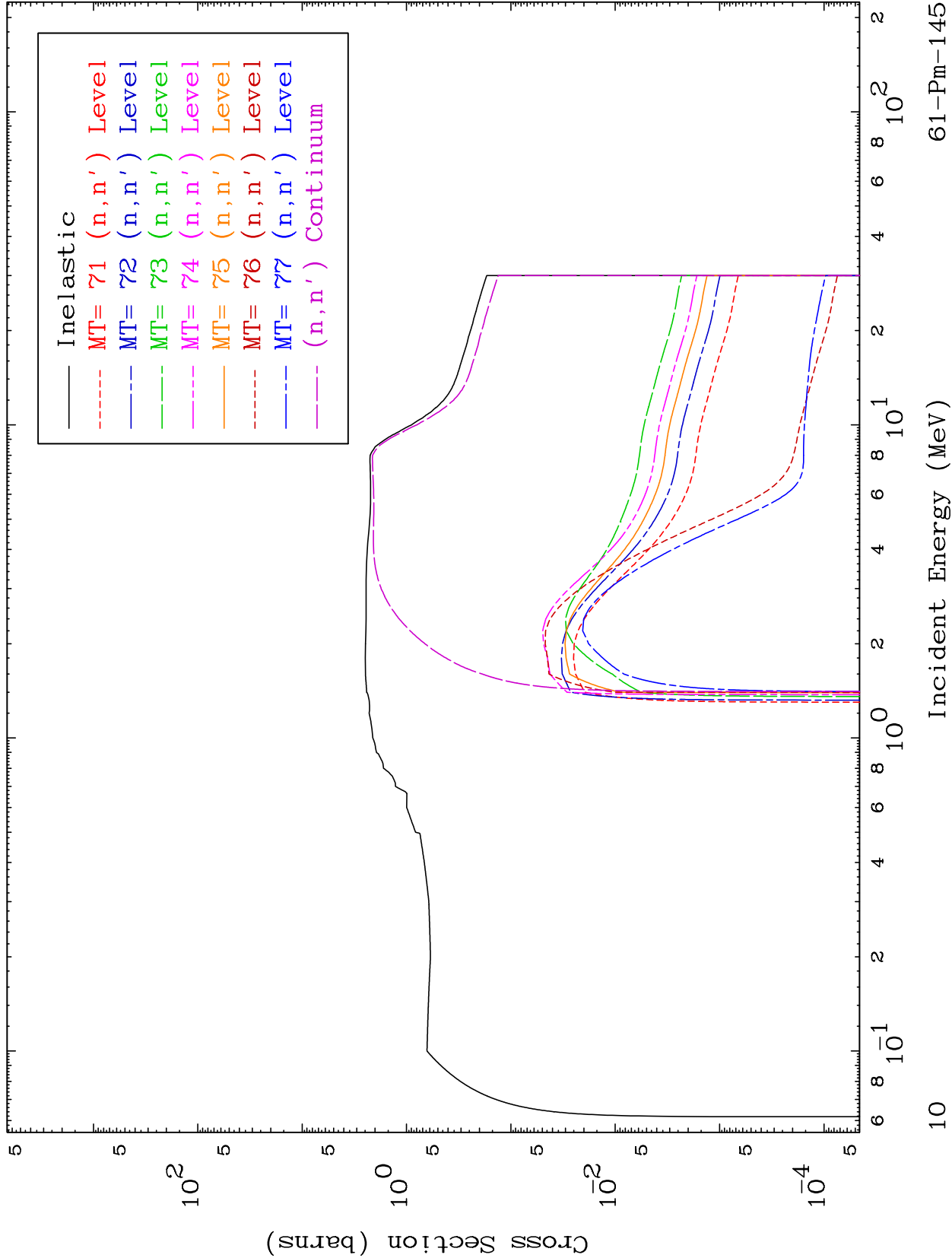
61-Pm-145

MAT 6143

(n,n') Levels

293 Kelvin Cross Sections

61-Pm-145

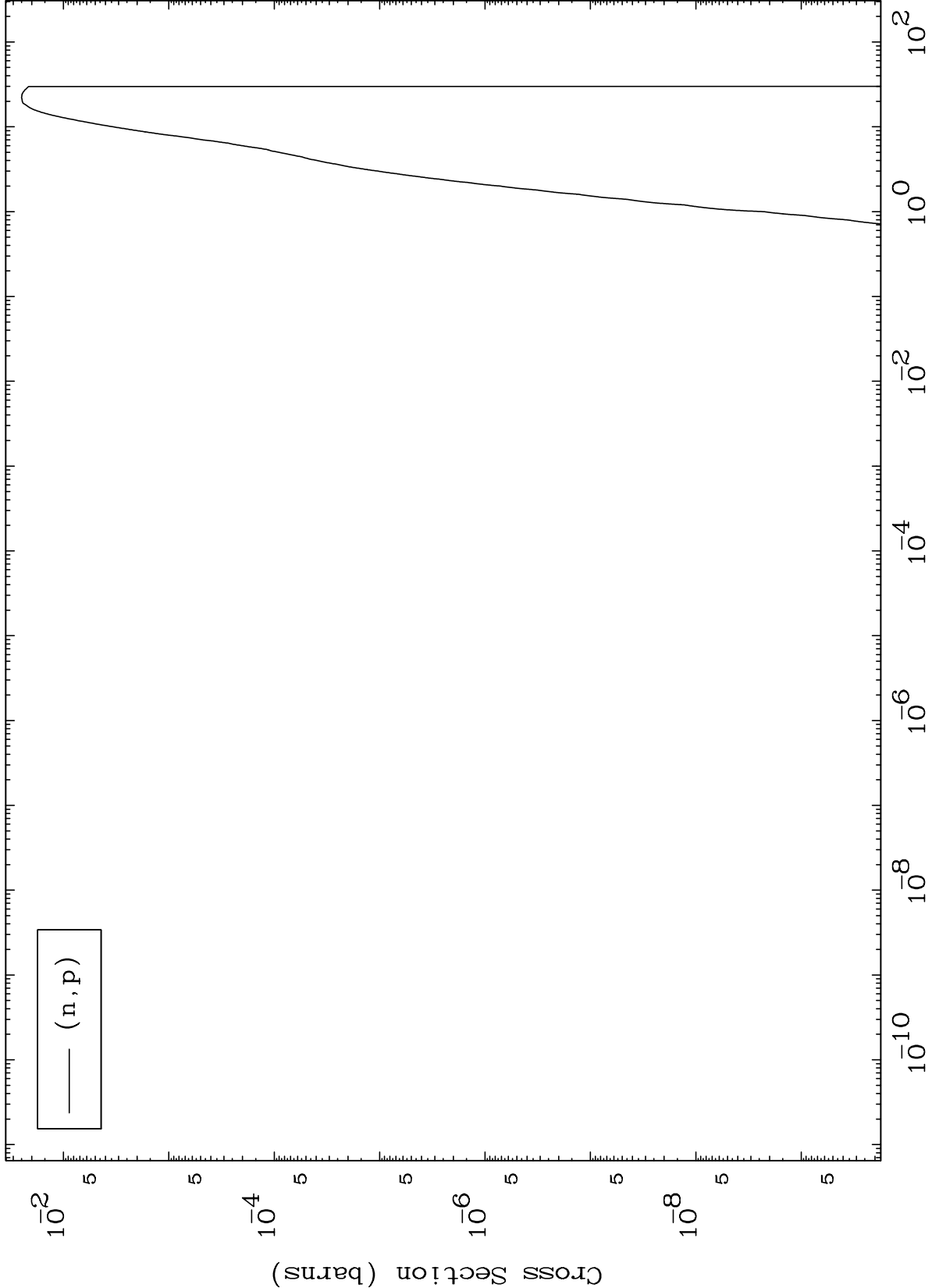


61-Pm-145

MAT 6143

(n,p) Levels
293 Kelvin Cross Sections

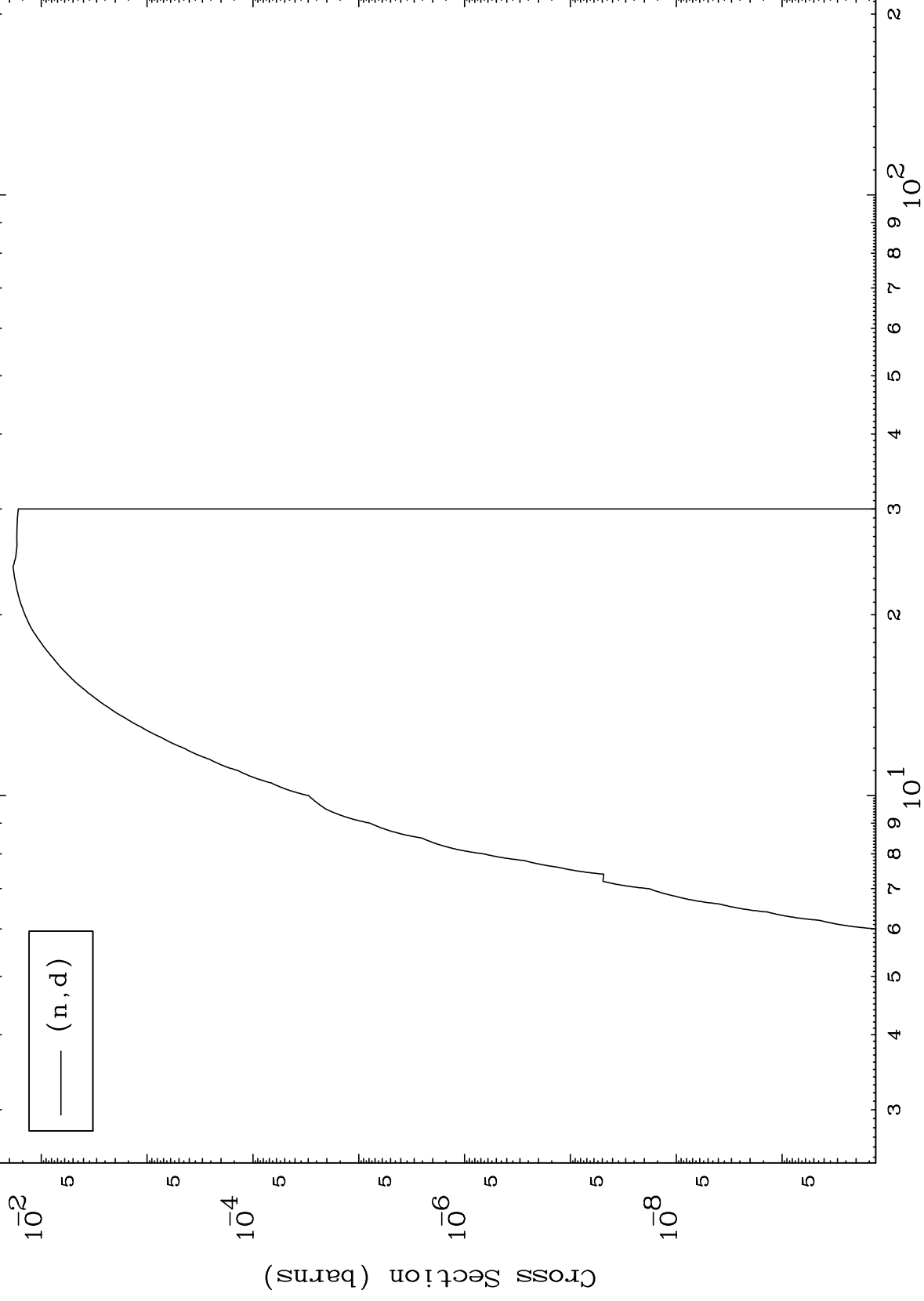
61-Pm-145



MAT 6143

(n,d) Levels
293 Kelvin Cross Sections

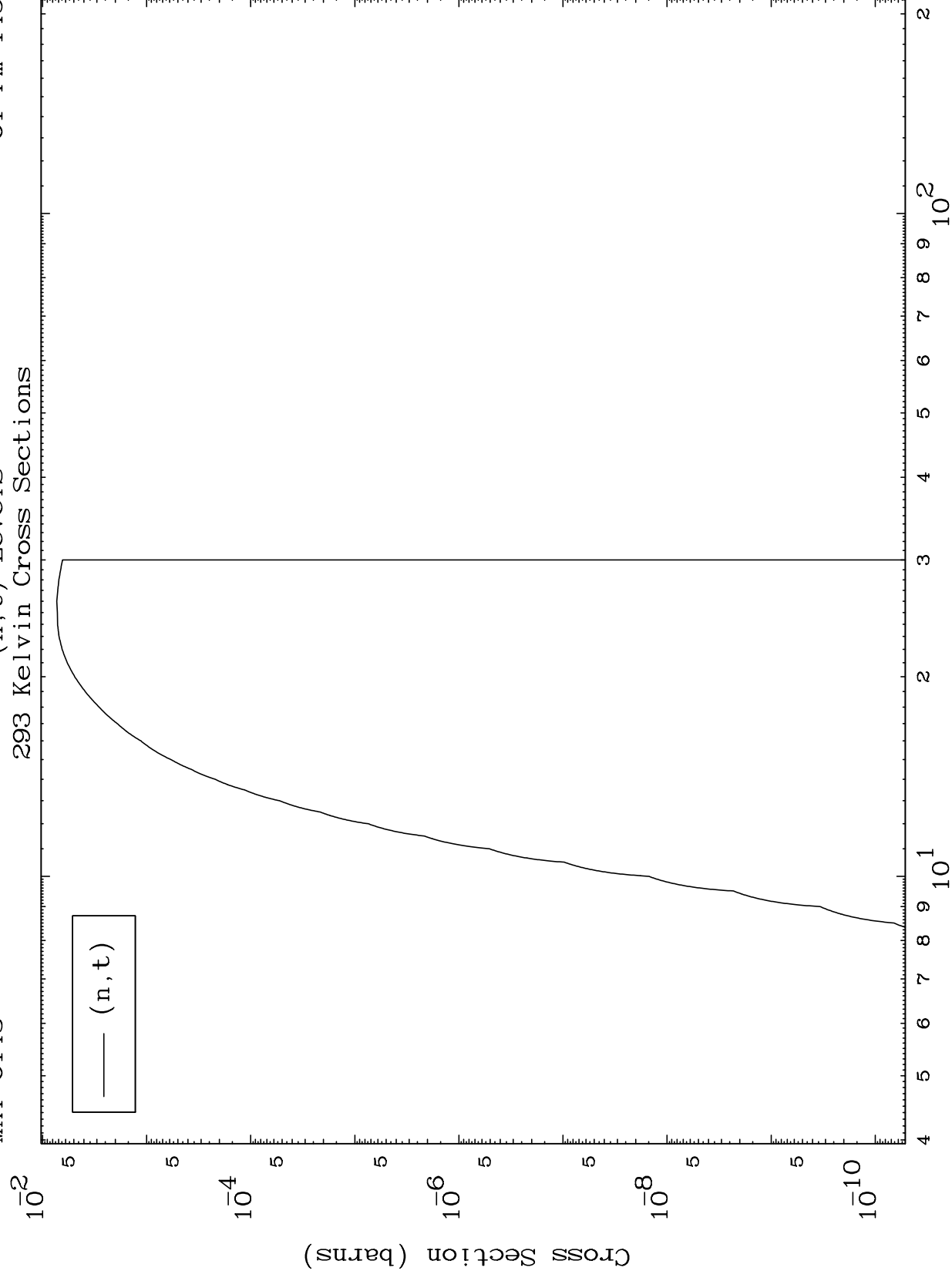
61-Pm-145



MAT 6143

61-Pm-145

(n, t) Levels
293 Kelvin Cross Sections



13

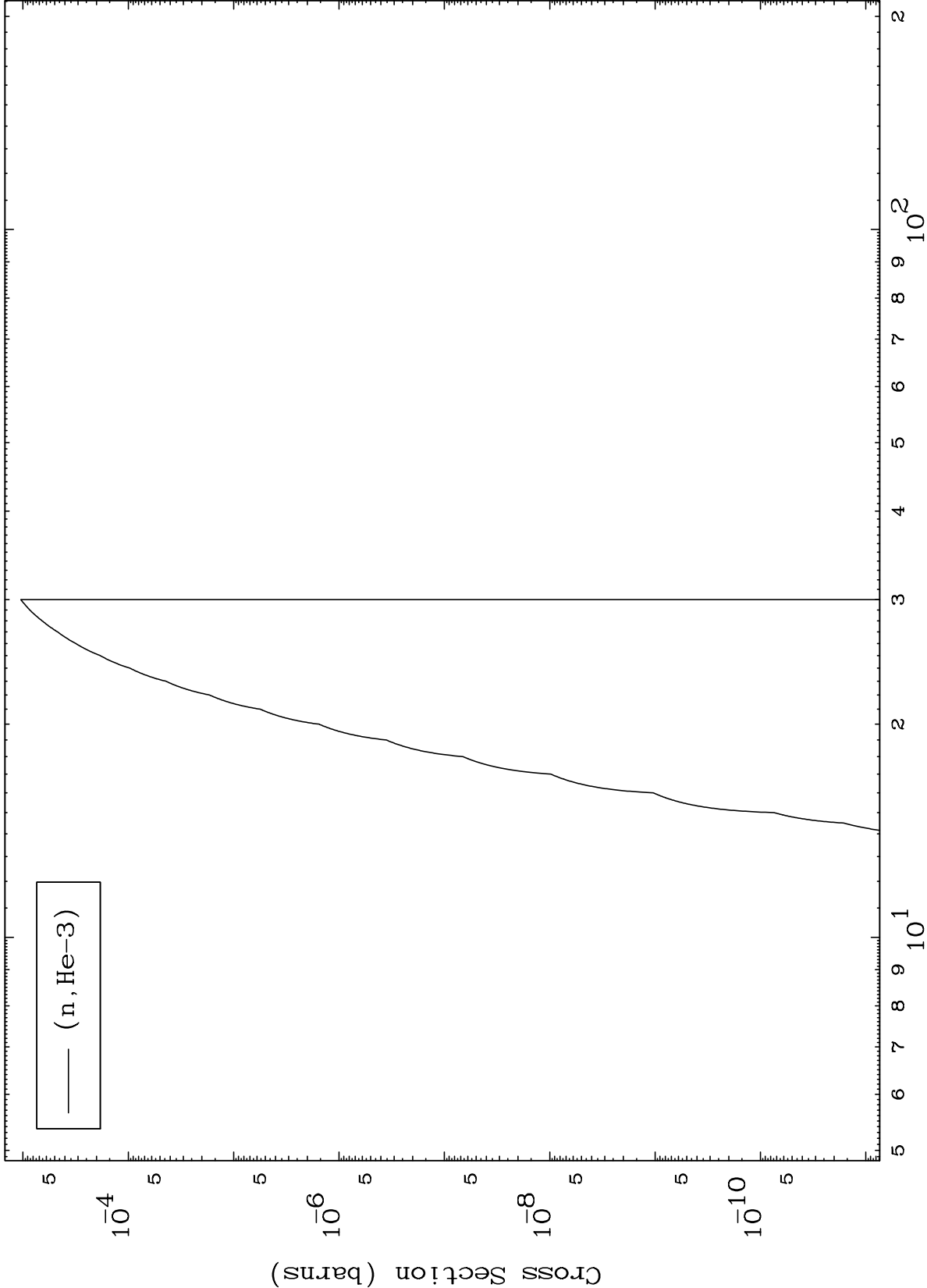
Incident Energy (MeV)

61-Pm-145

MAT 6143

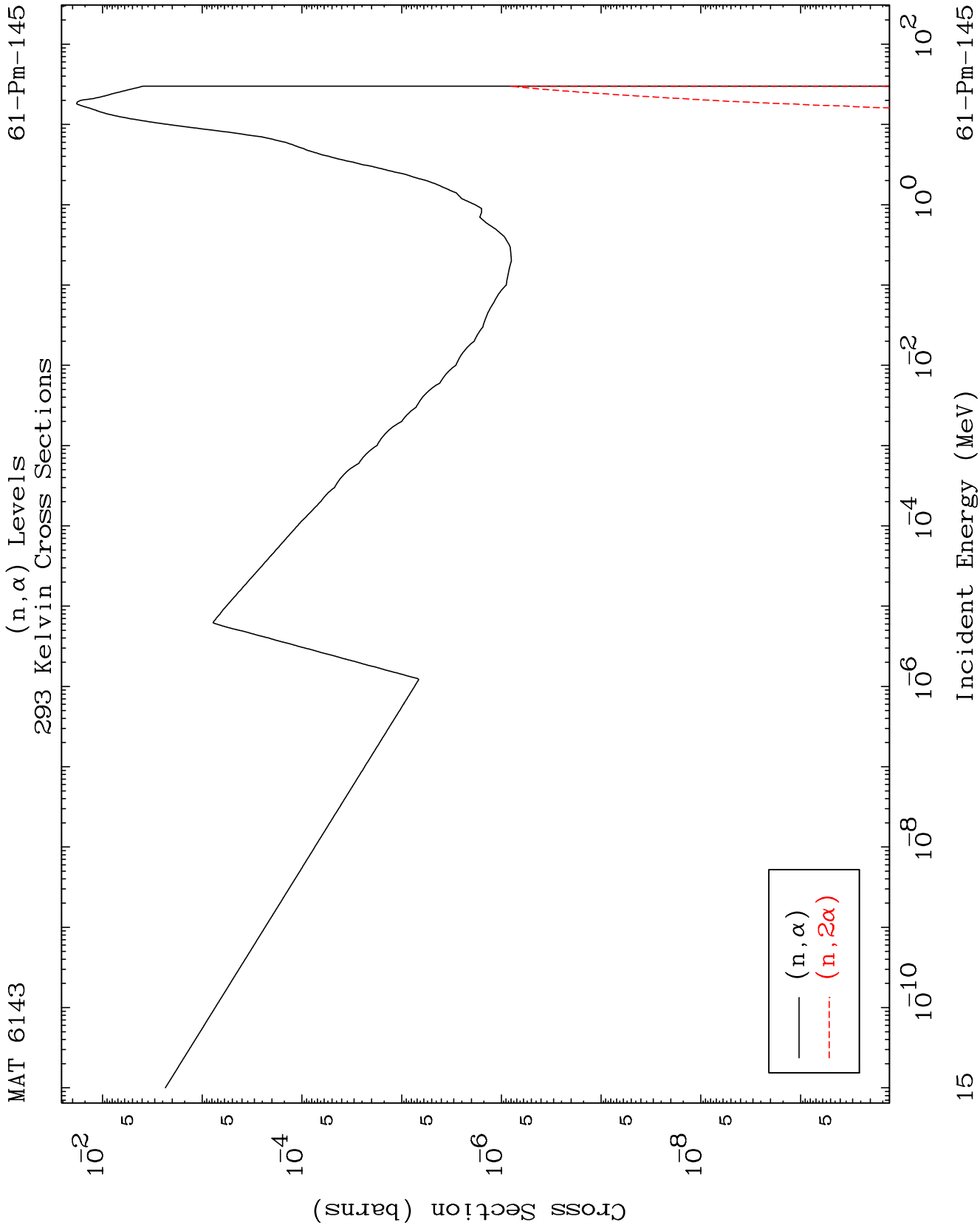
(n,He3) Levels
293 Kelvin Cross Sections

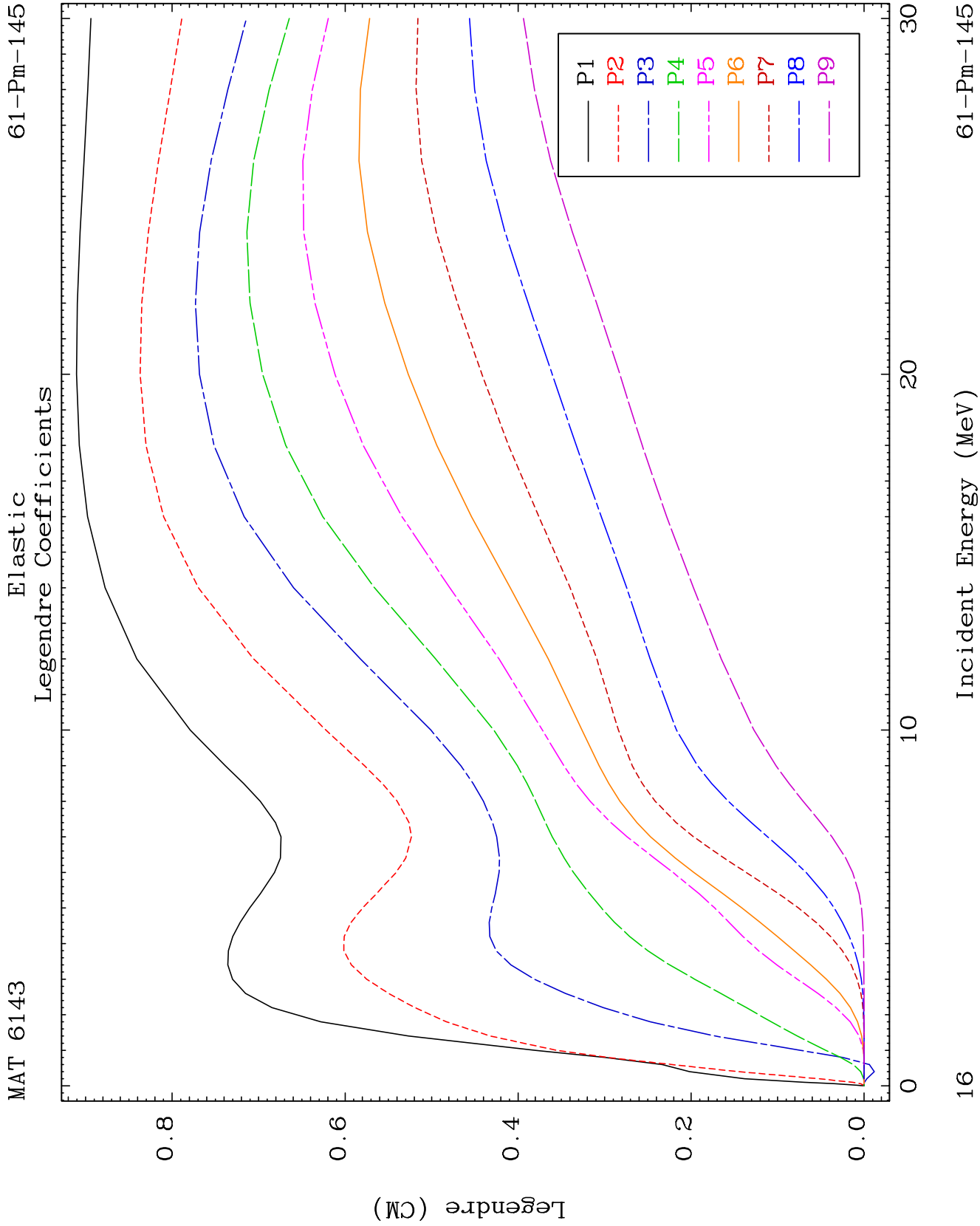
61-Pm-145

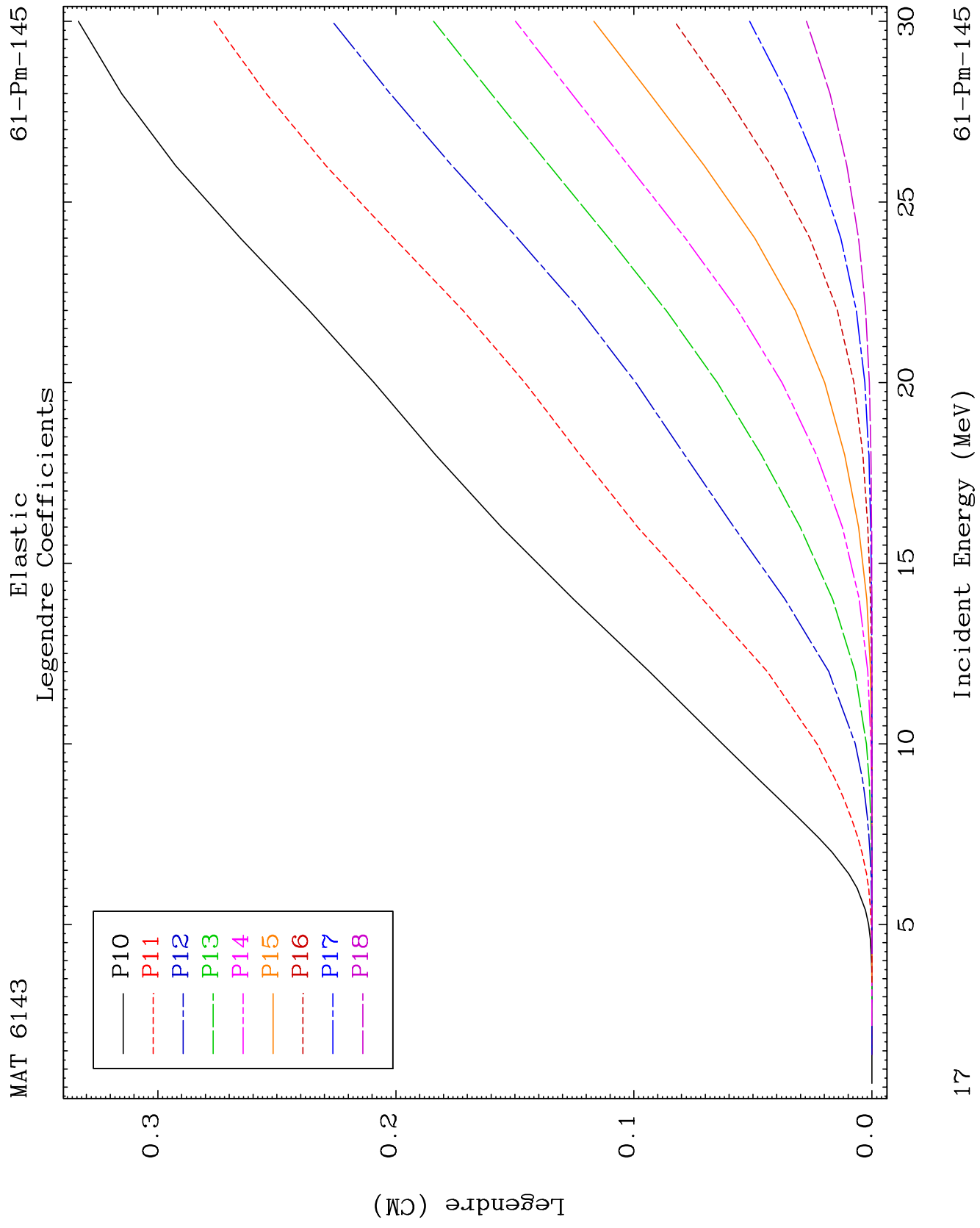


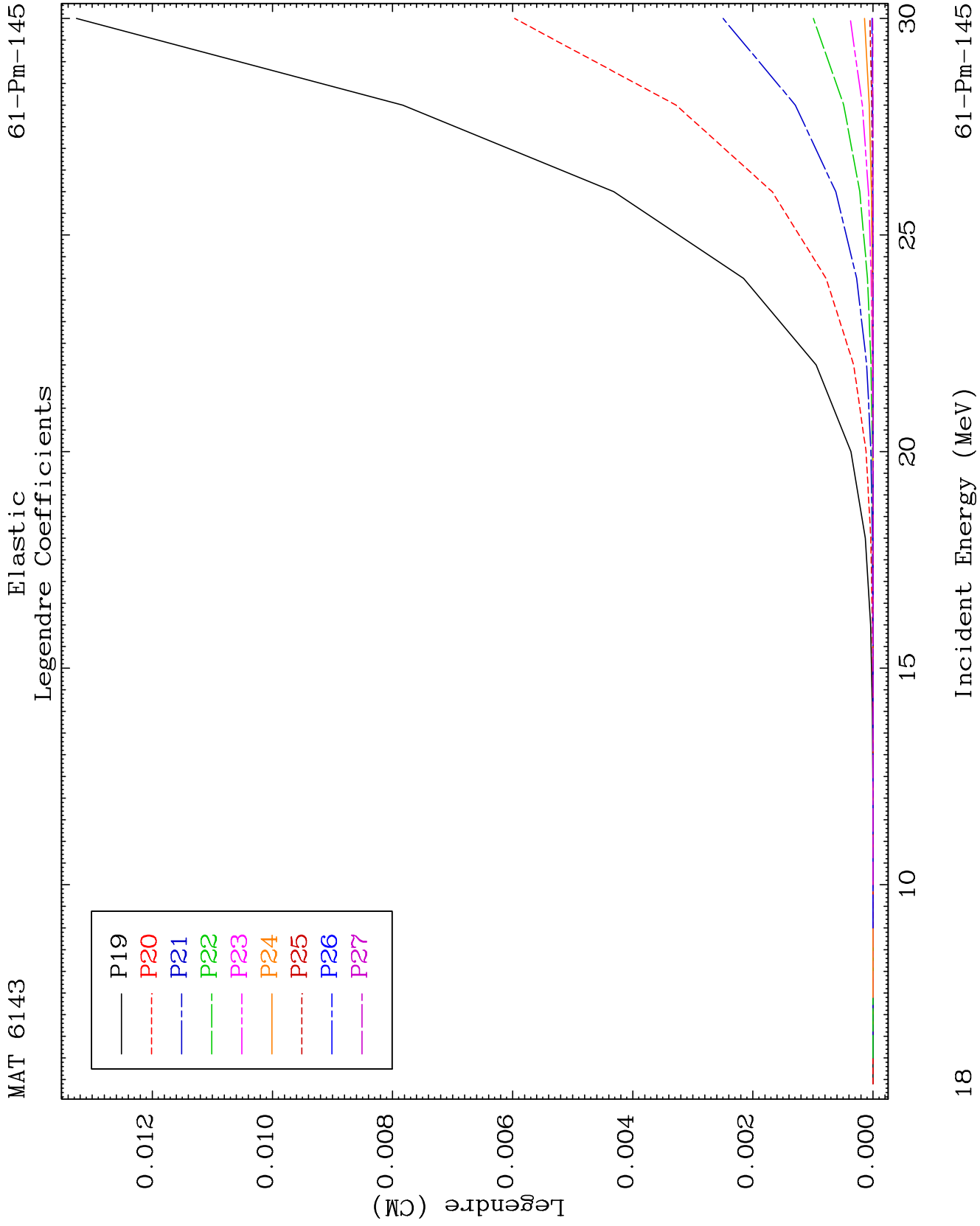
Incident Energy (MeV)

61-Pm-145





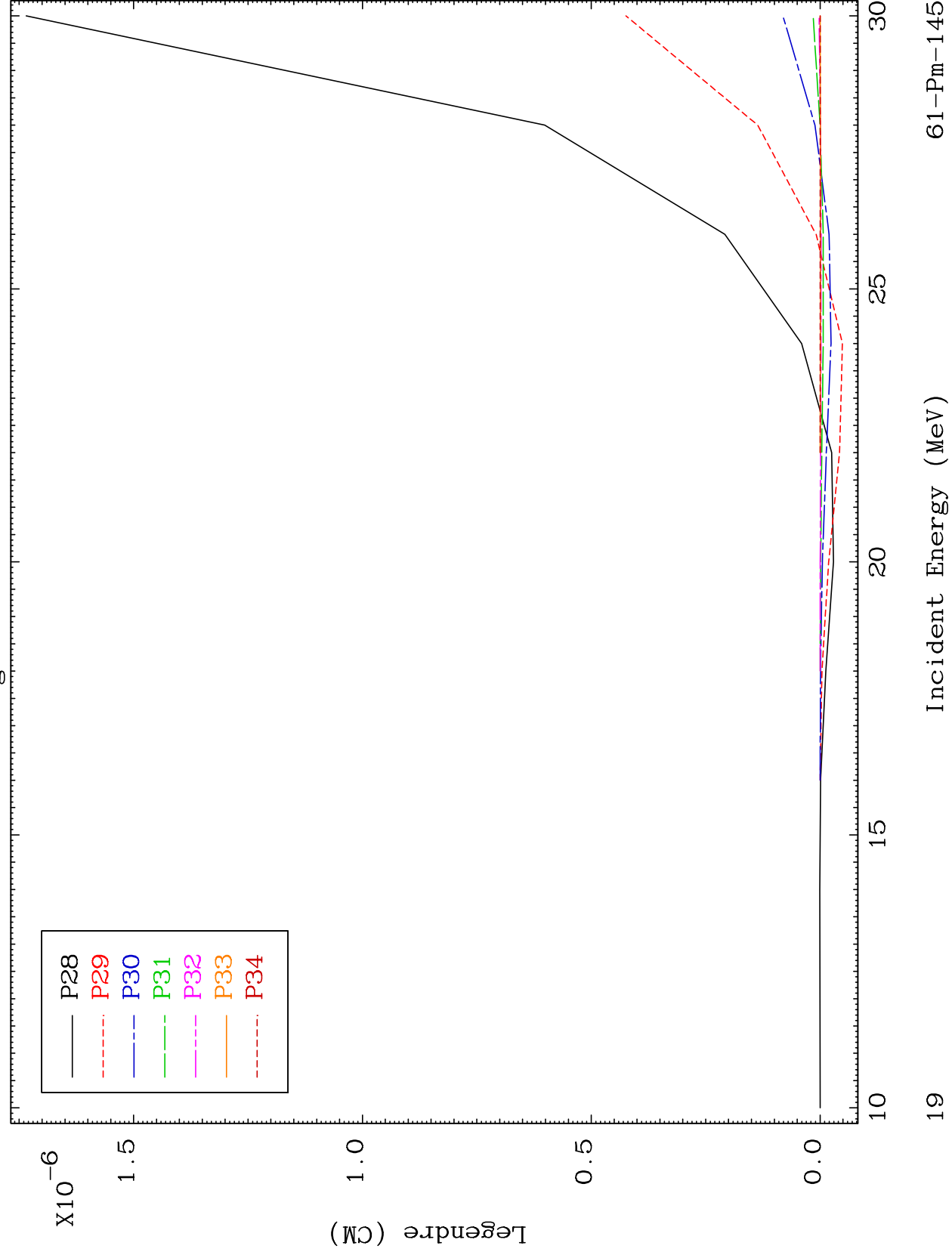




MAT 6143

Elastic Legendre Coefficients

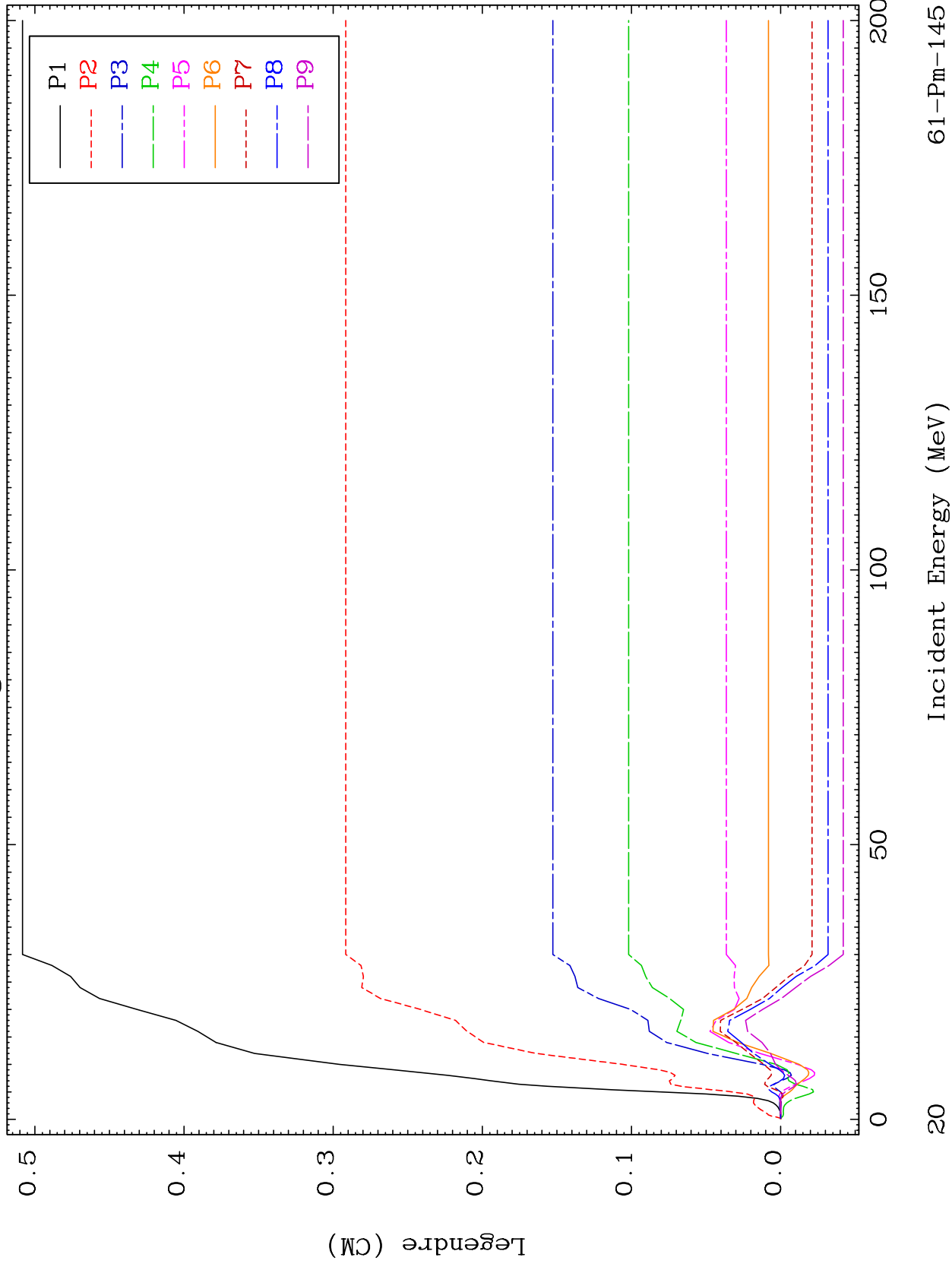
61-Pm-145



MAT 6143

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

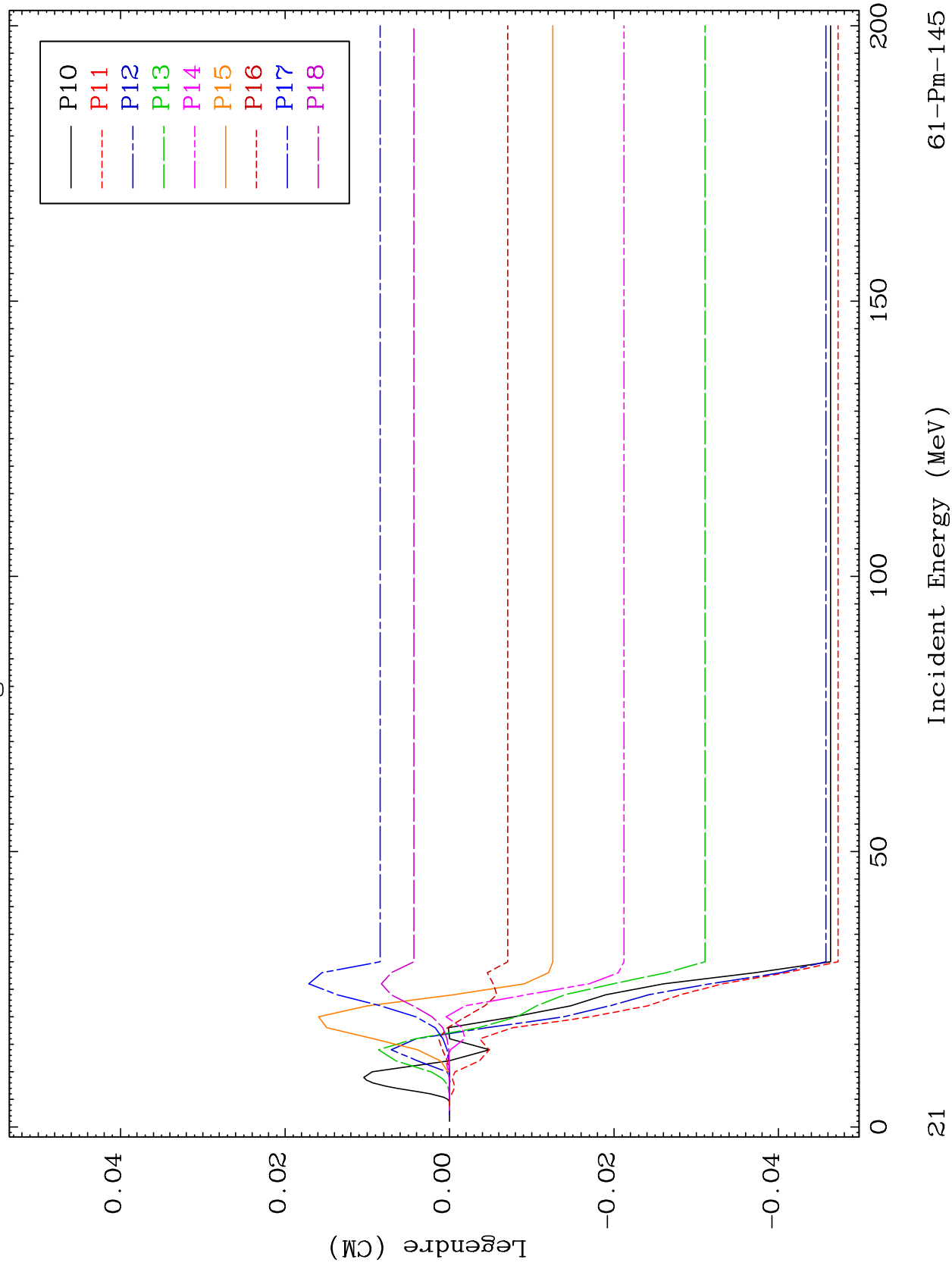
61-Pm-145



MAT 6143

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

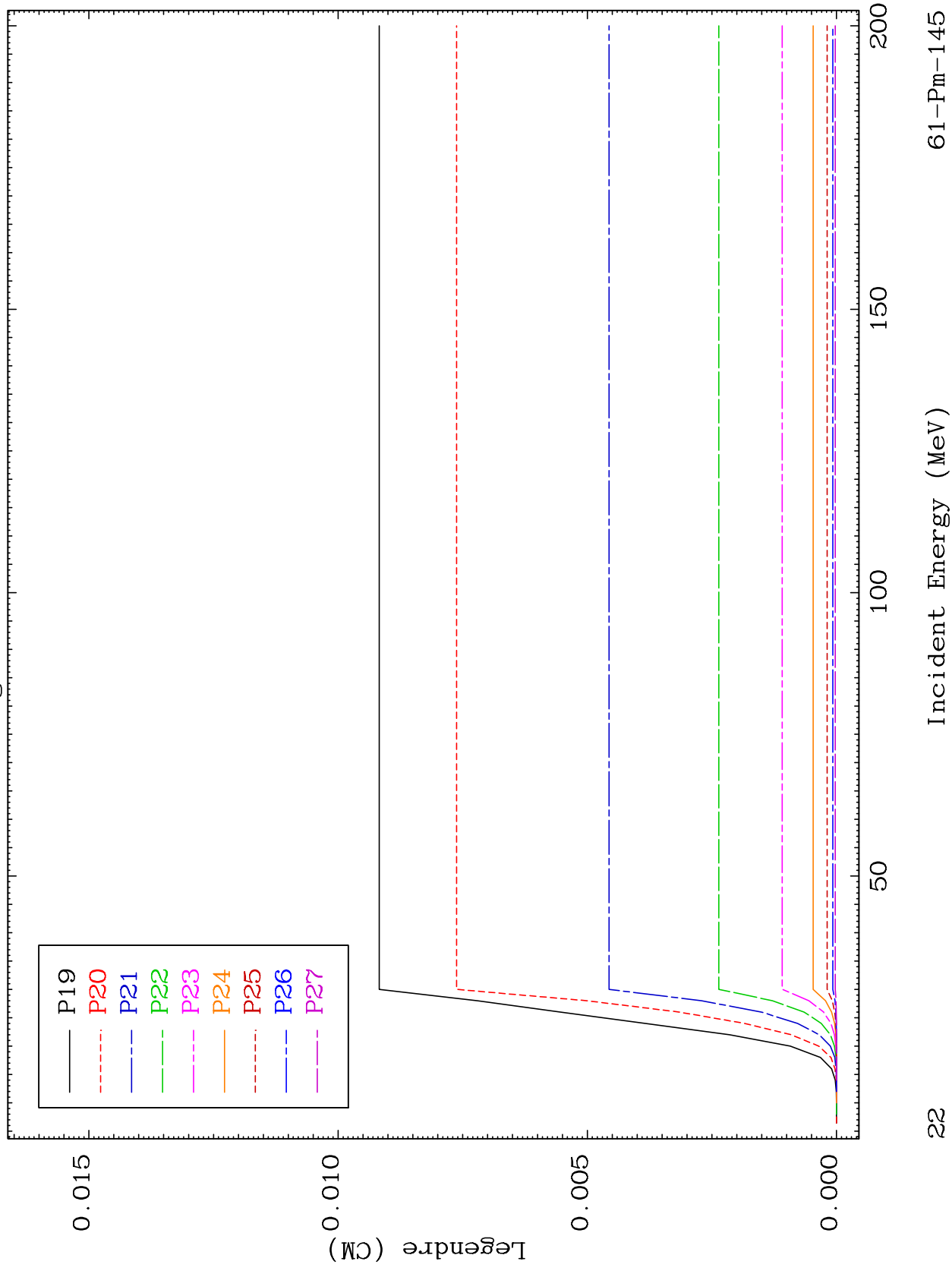
61-Pm-145



MAT 6143

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

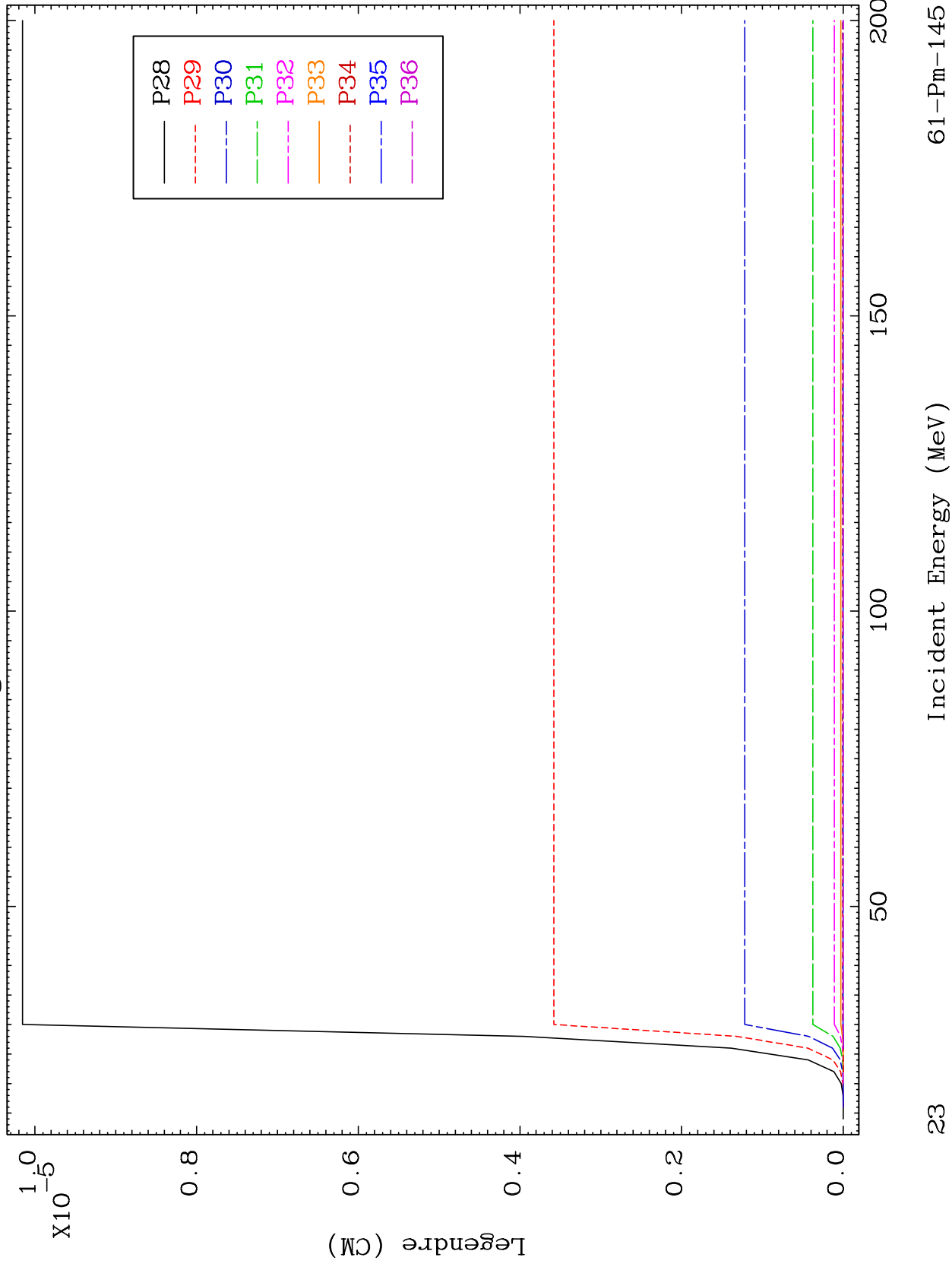
61-Pm-145

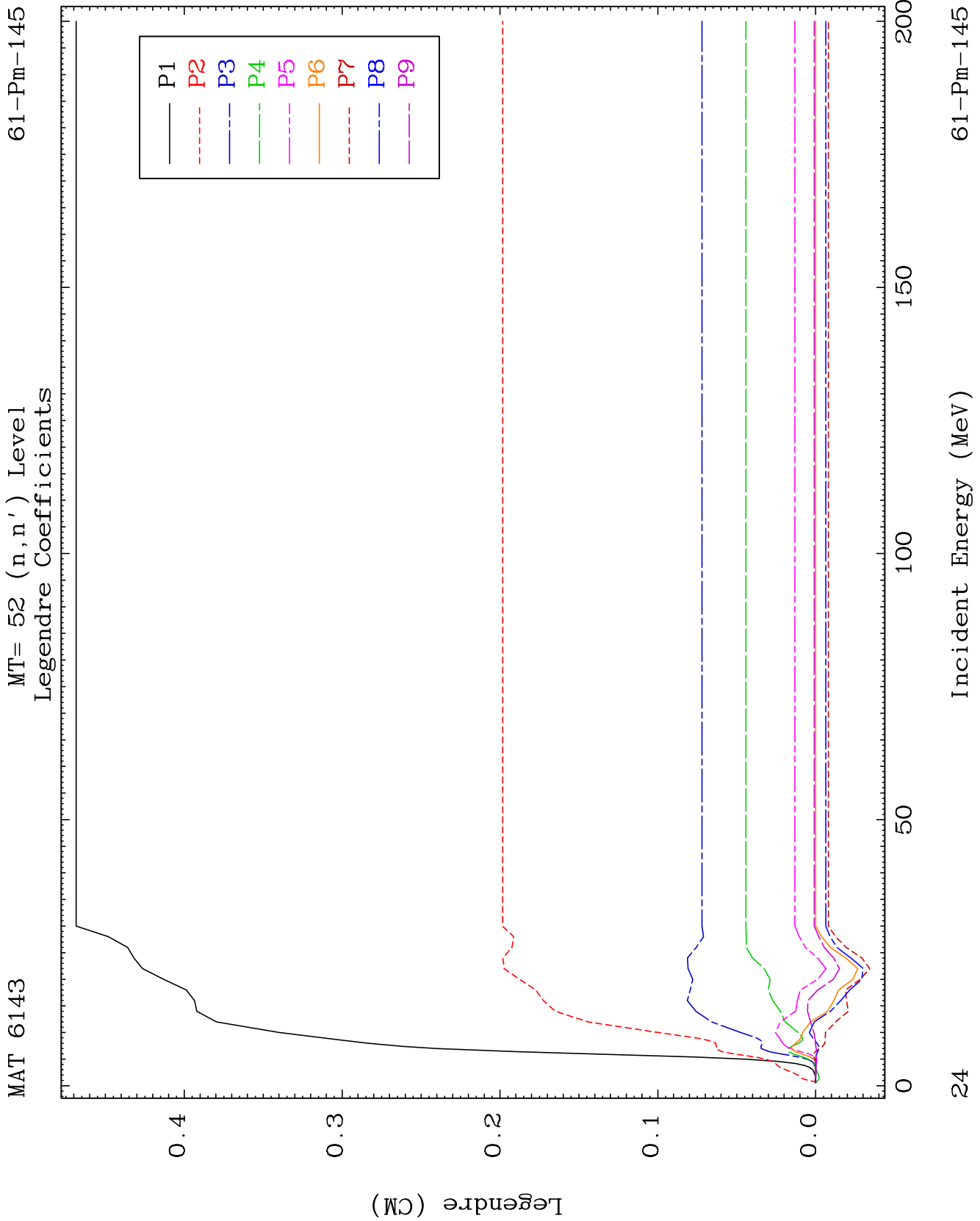


MAT 6143

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

61-Pm-145

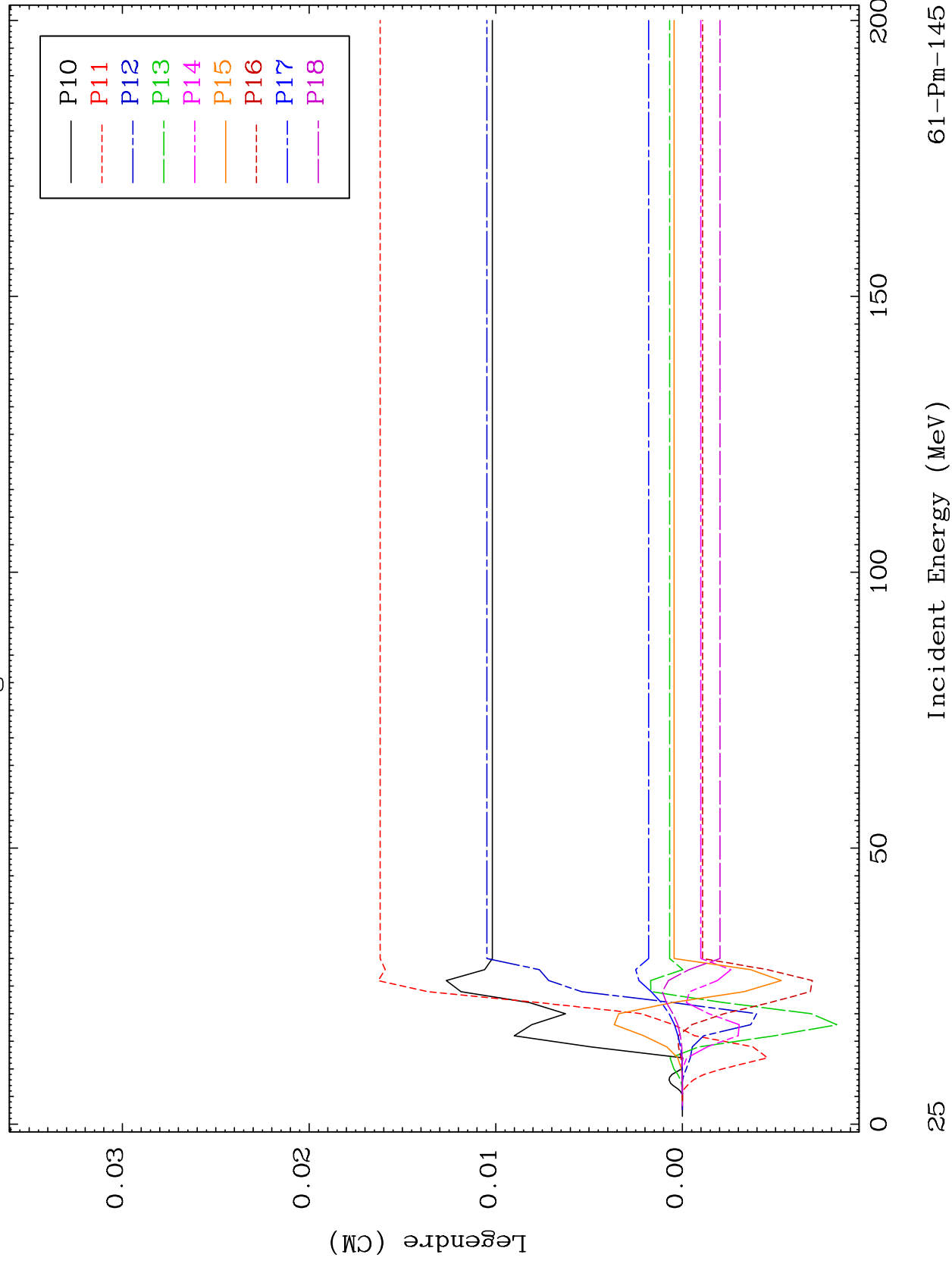


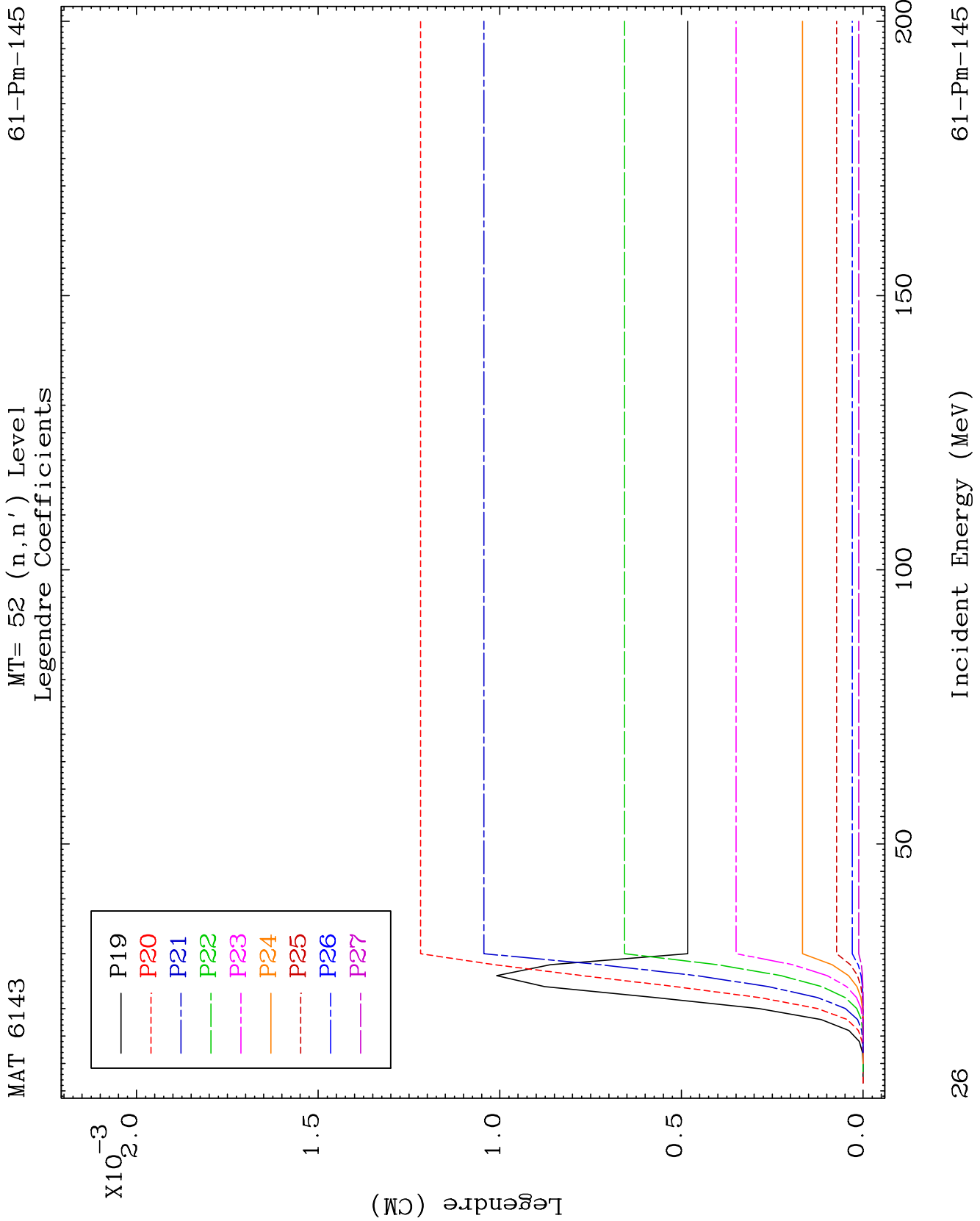


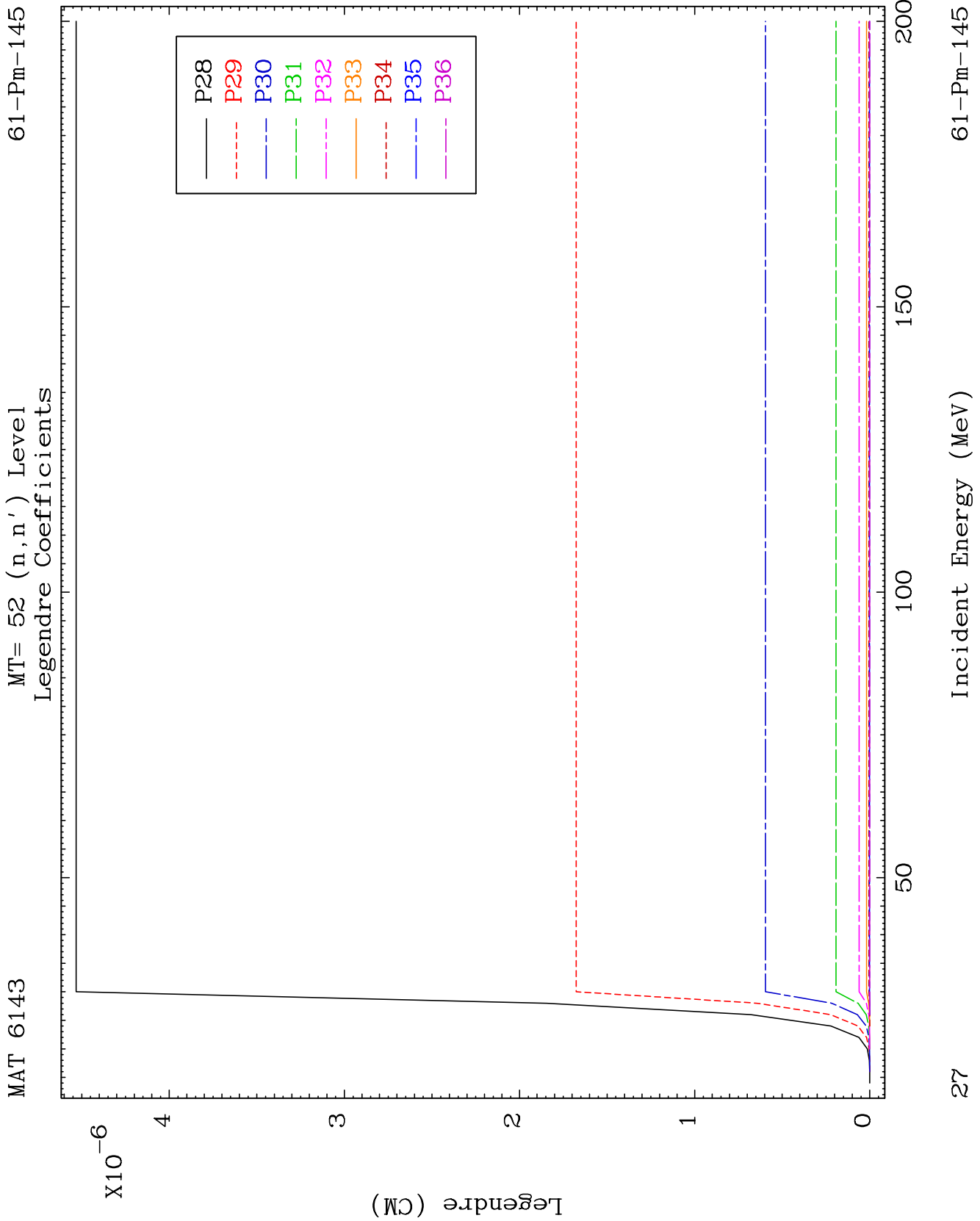
MAT 6143

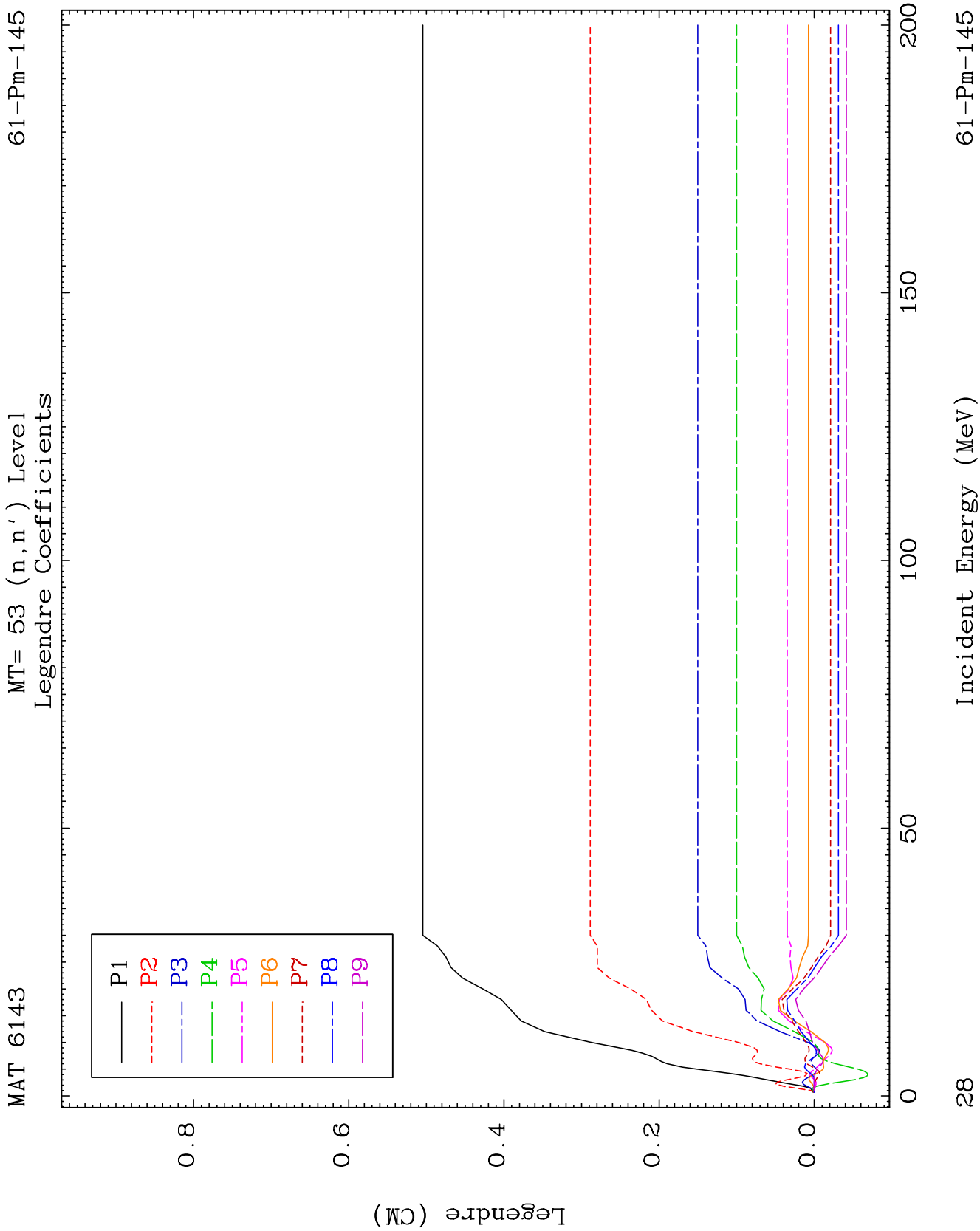
MT= 52 (n, n') Level
Legendre Coefficients

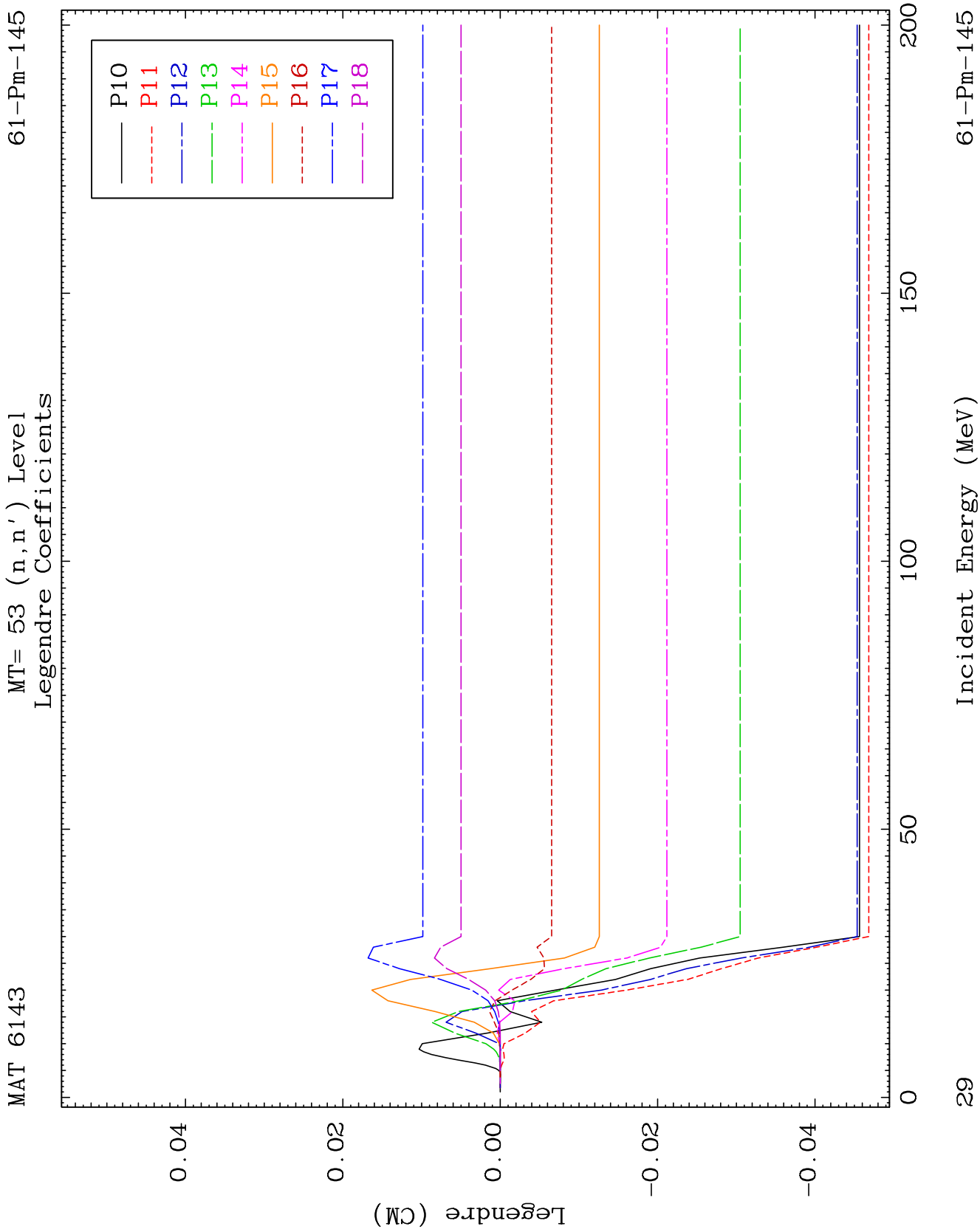
61-Pm-145

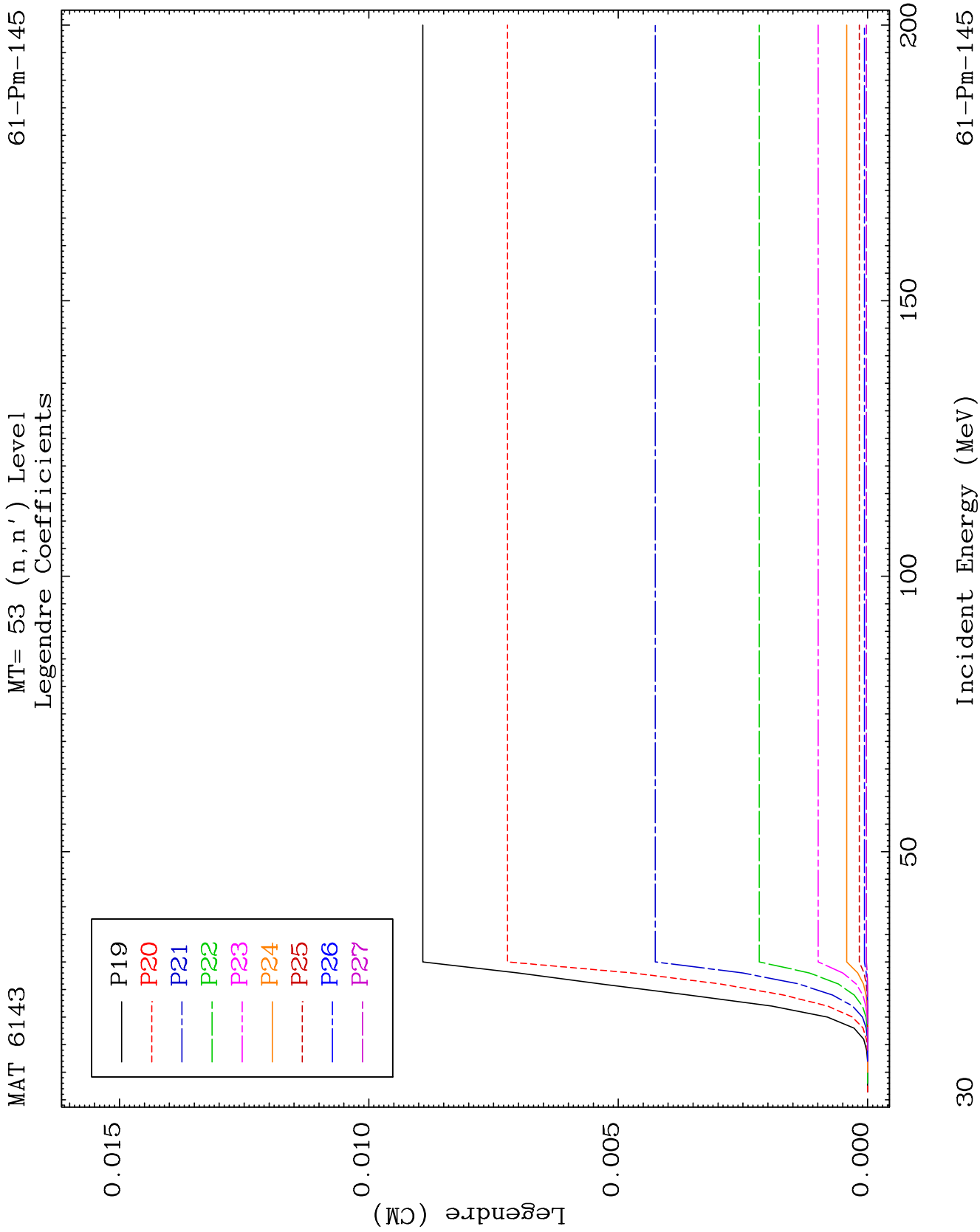


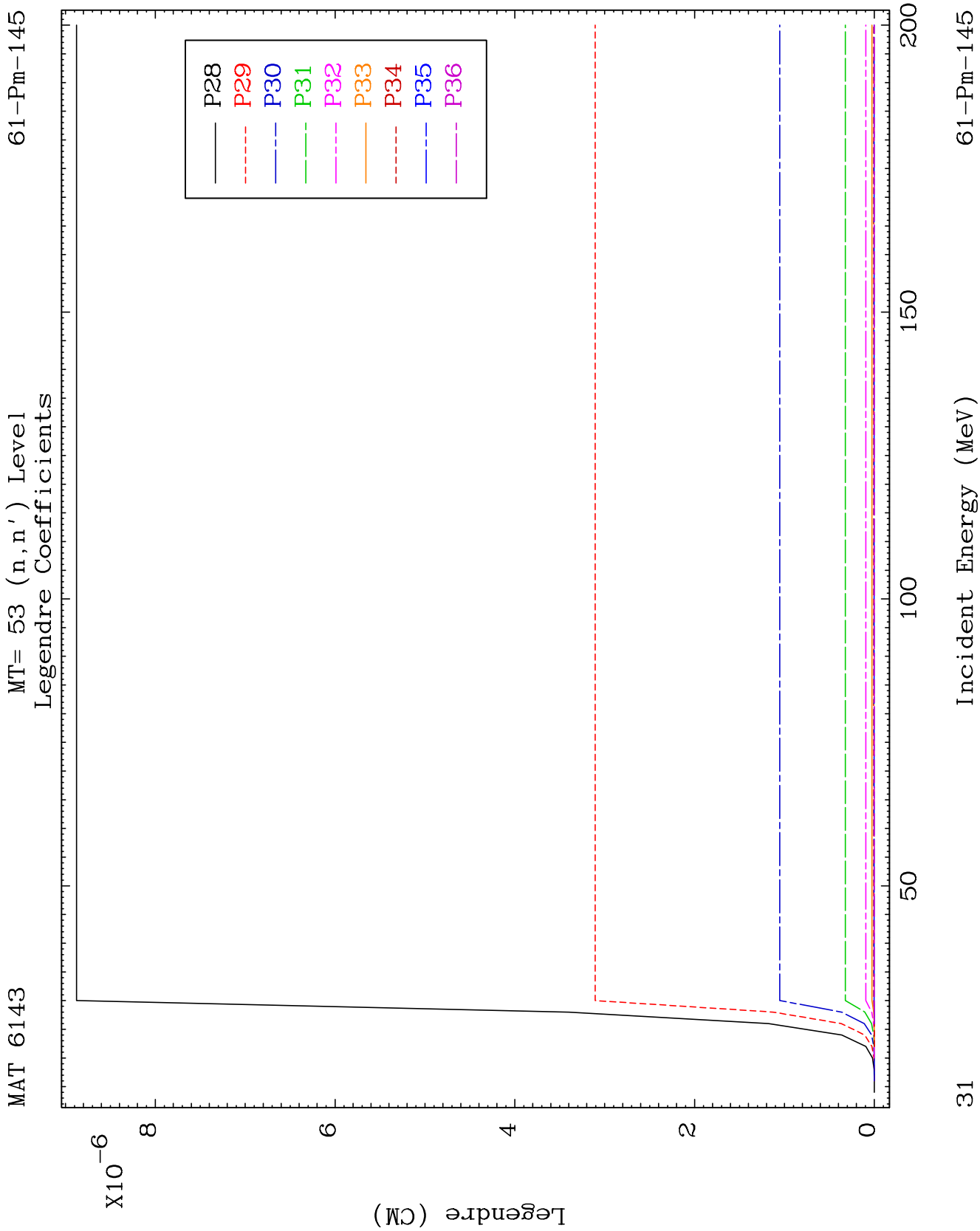


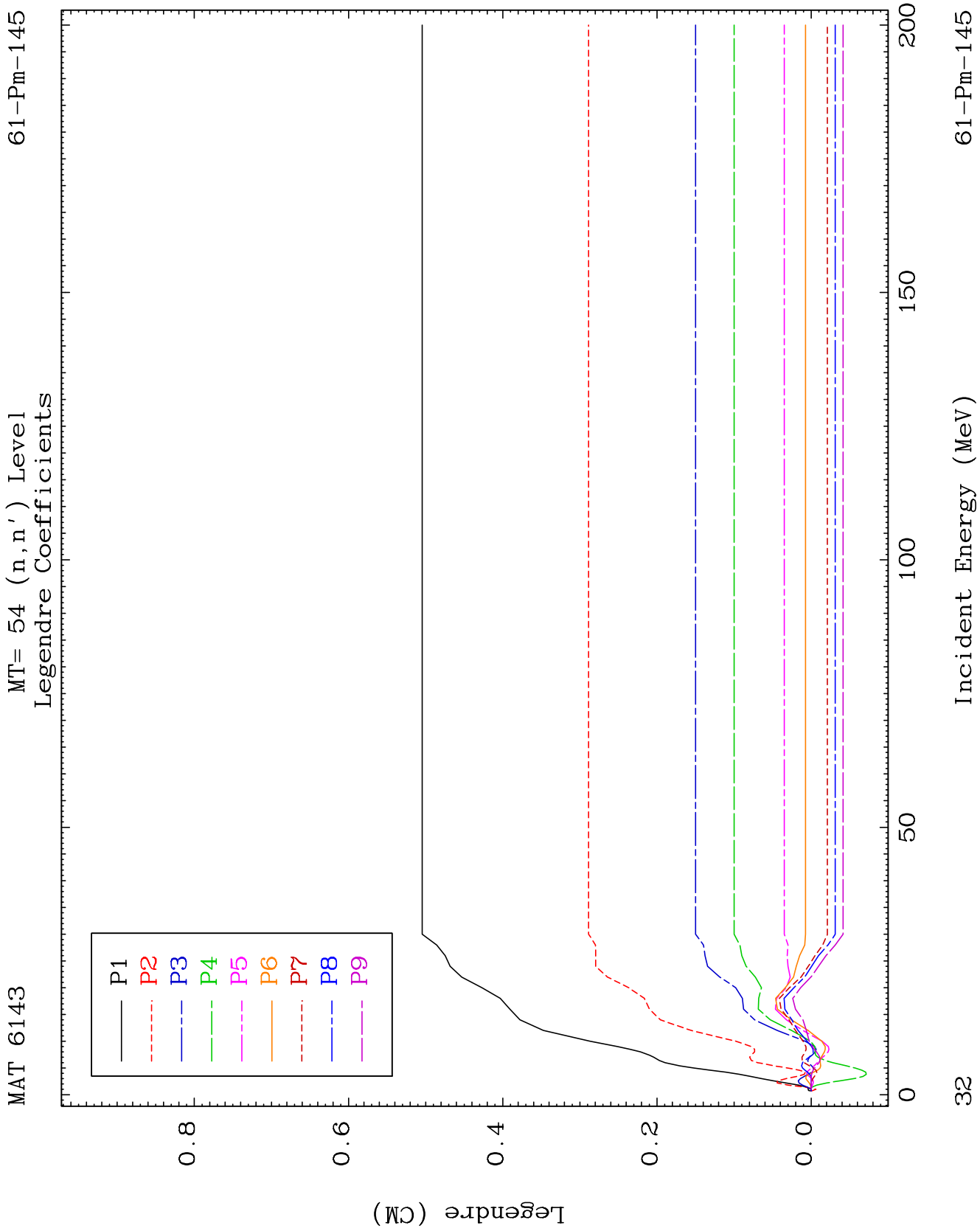








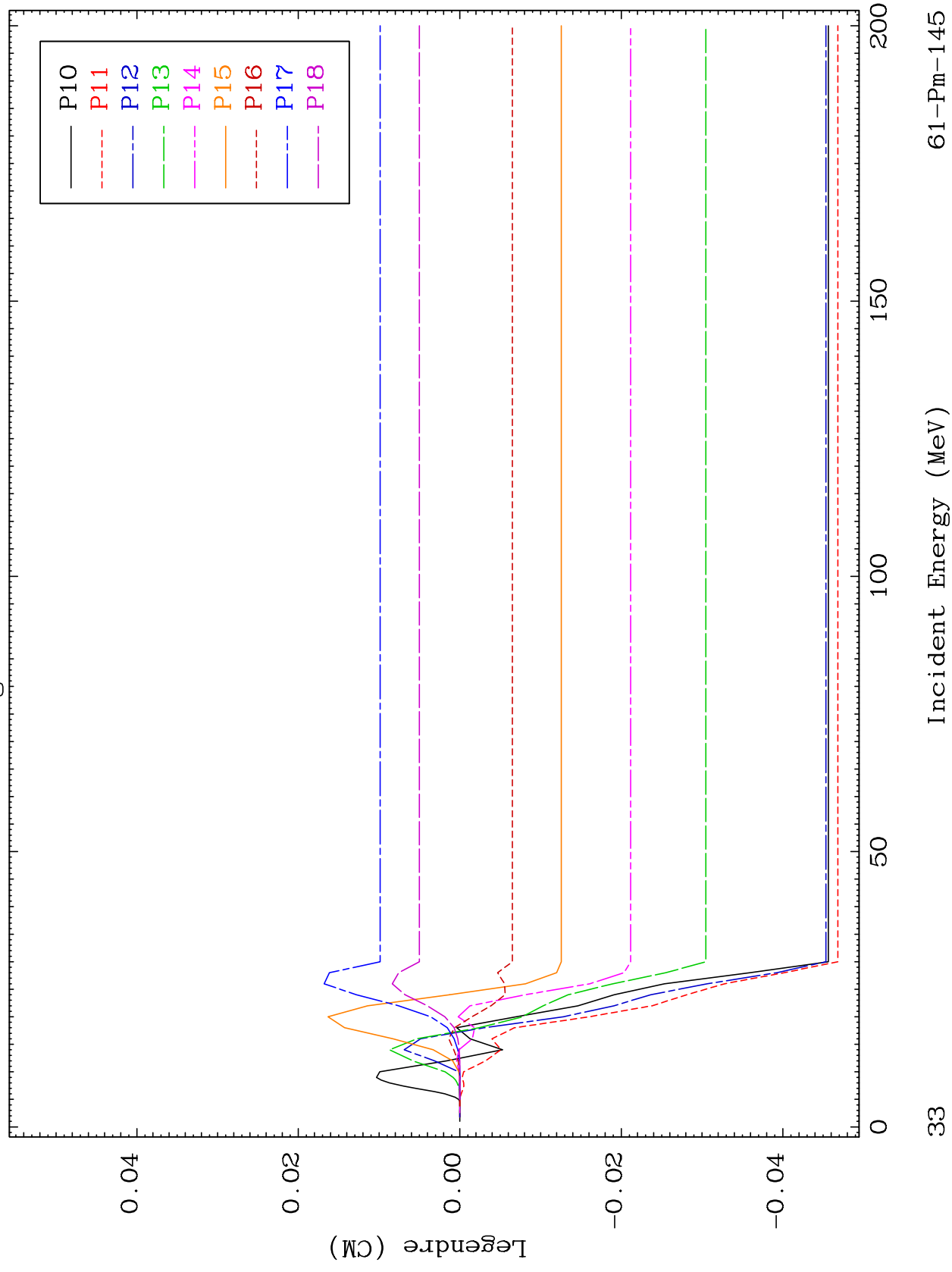




MAT 6143

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

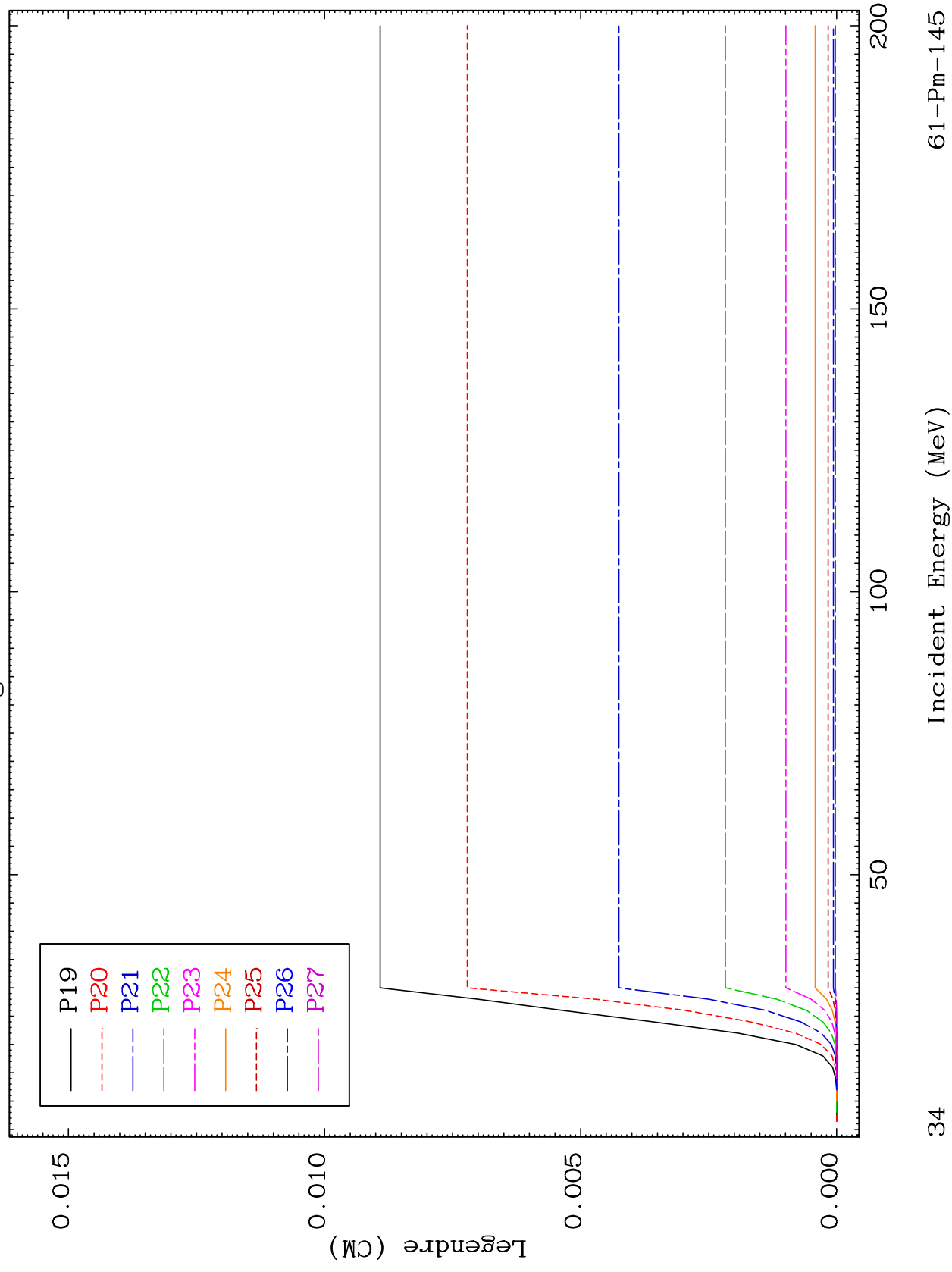
61-Pm-145

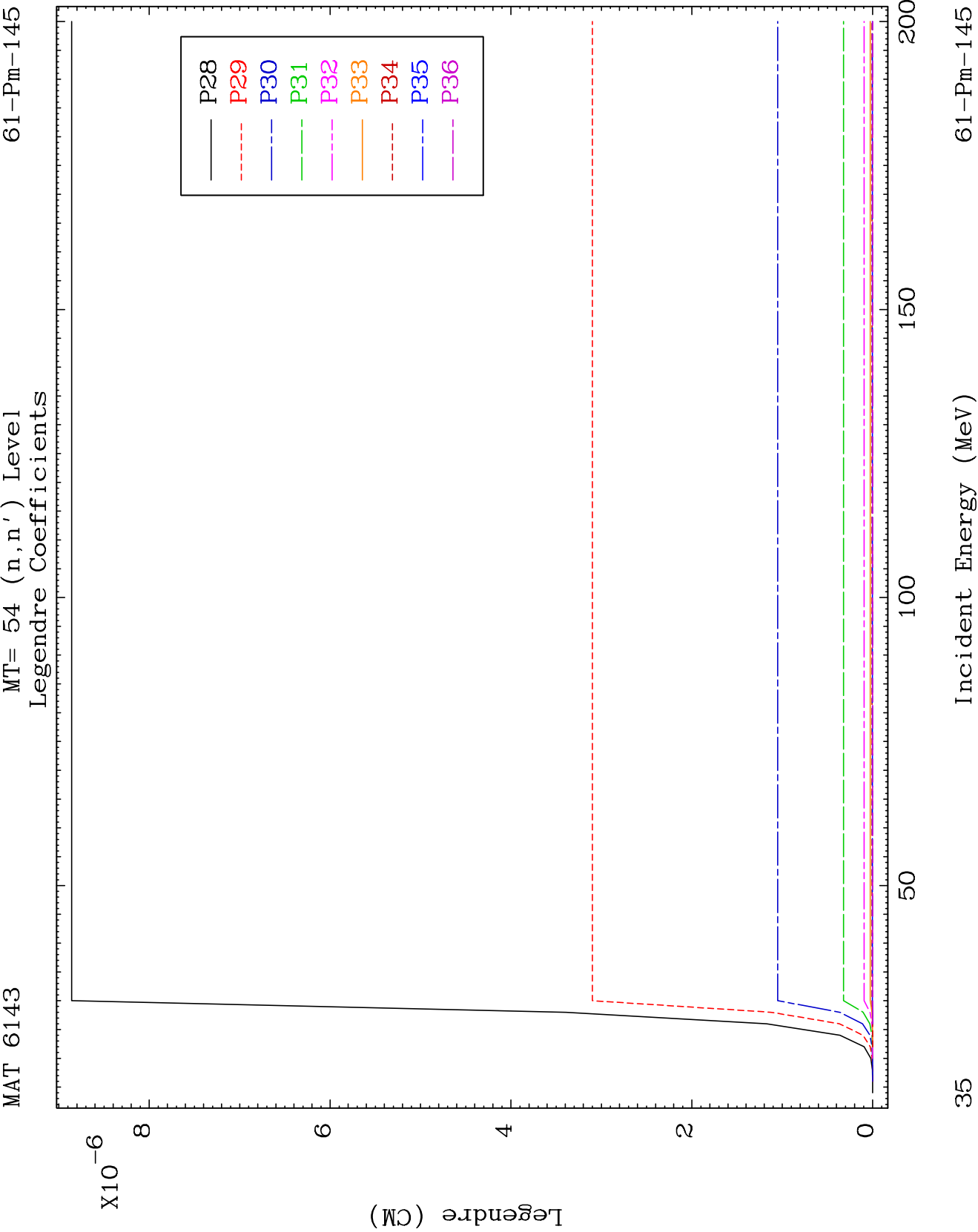


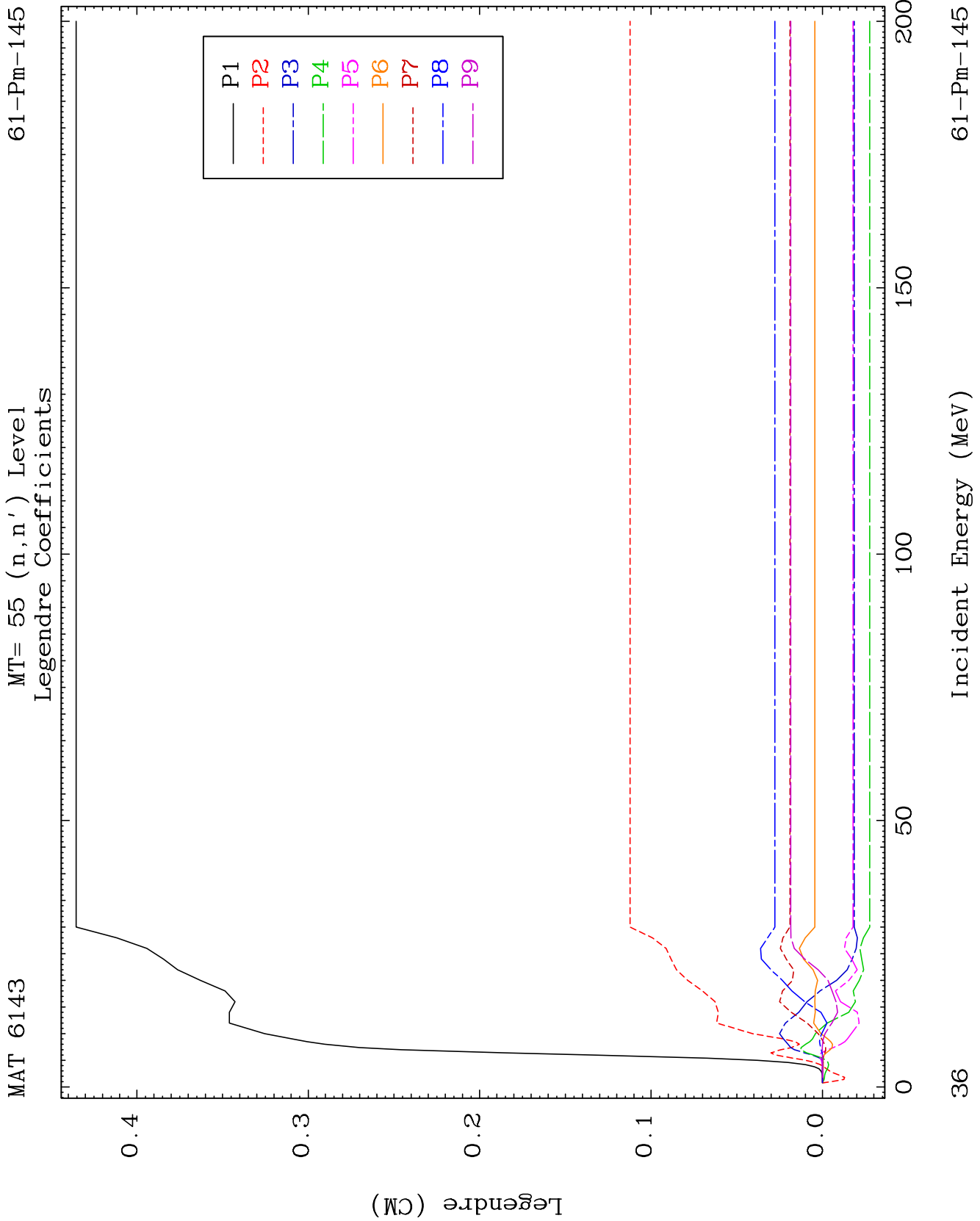
MAT 6143

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

61-Pm-145



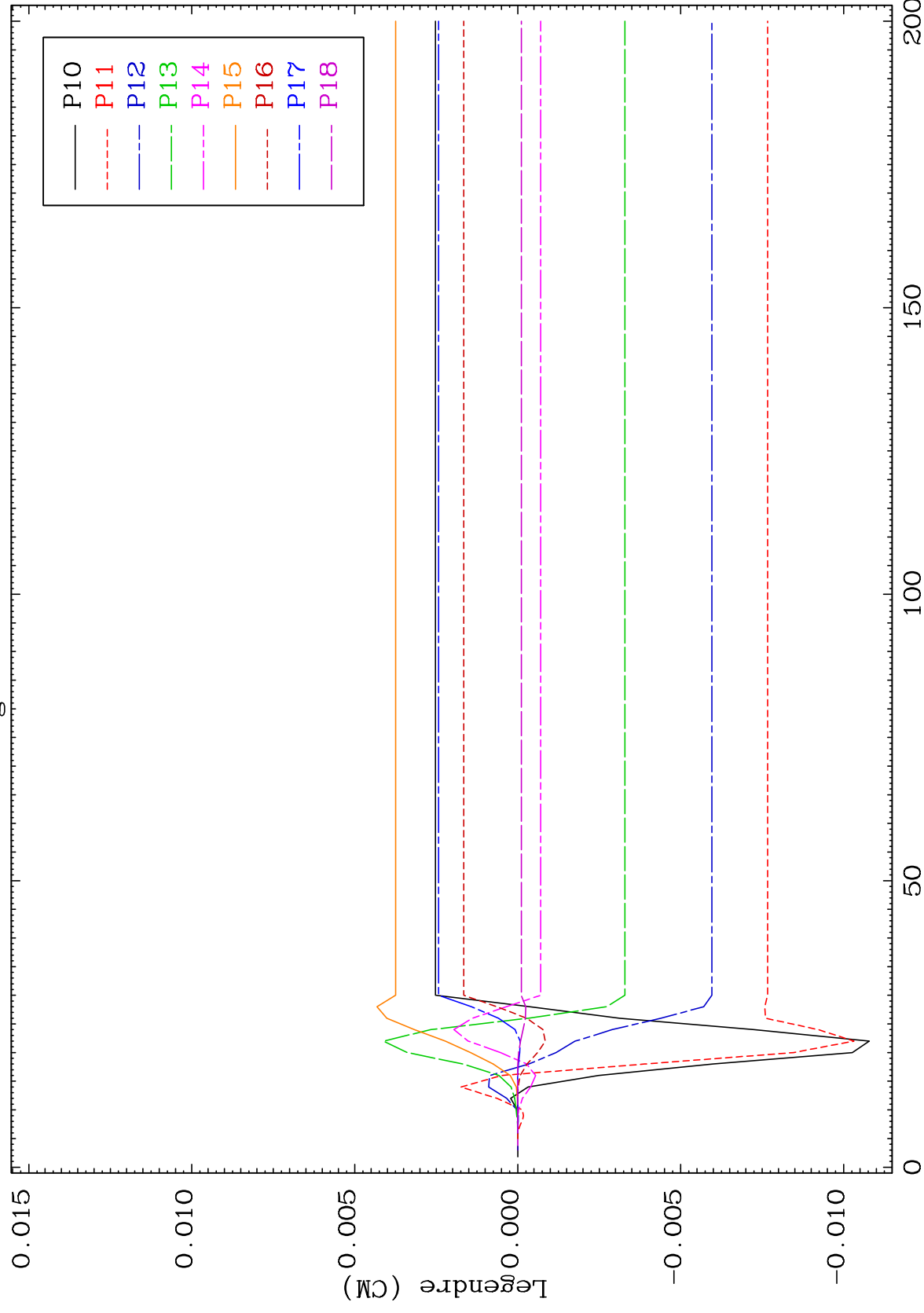




MAT 6143

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

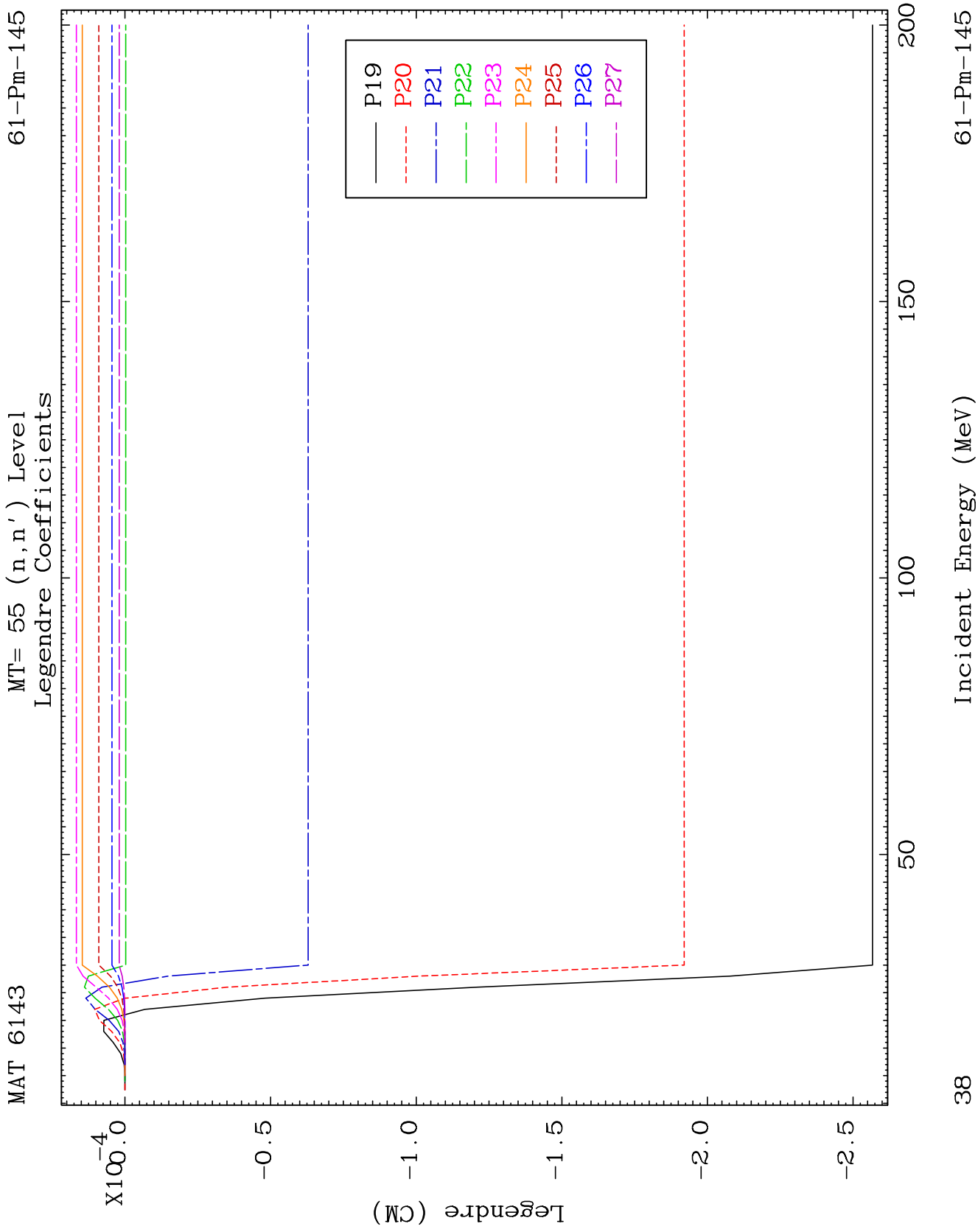
61-Pm-145



37

Incident Energy (MeV)

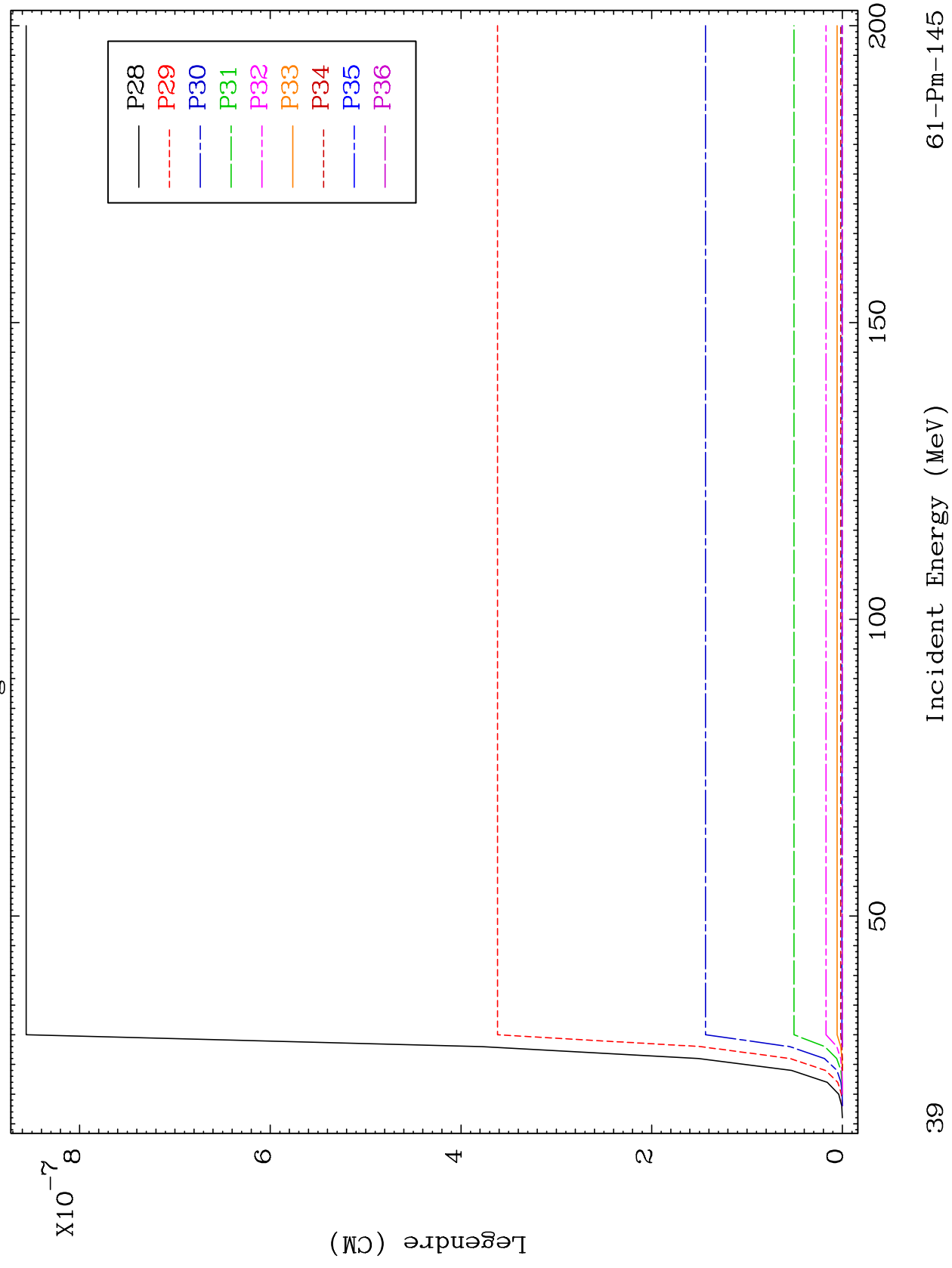
61-Pm-145

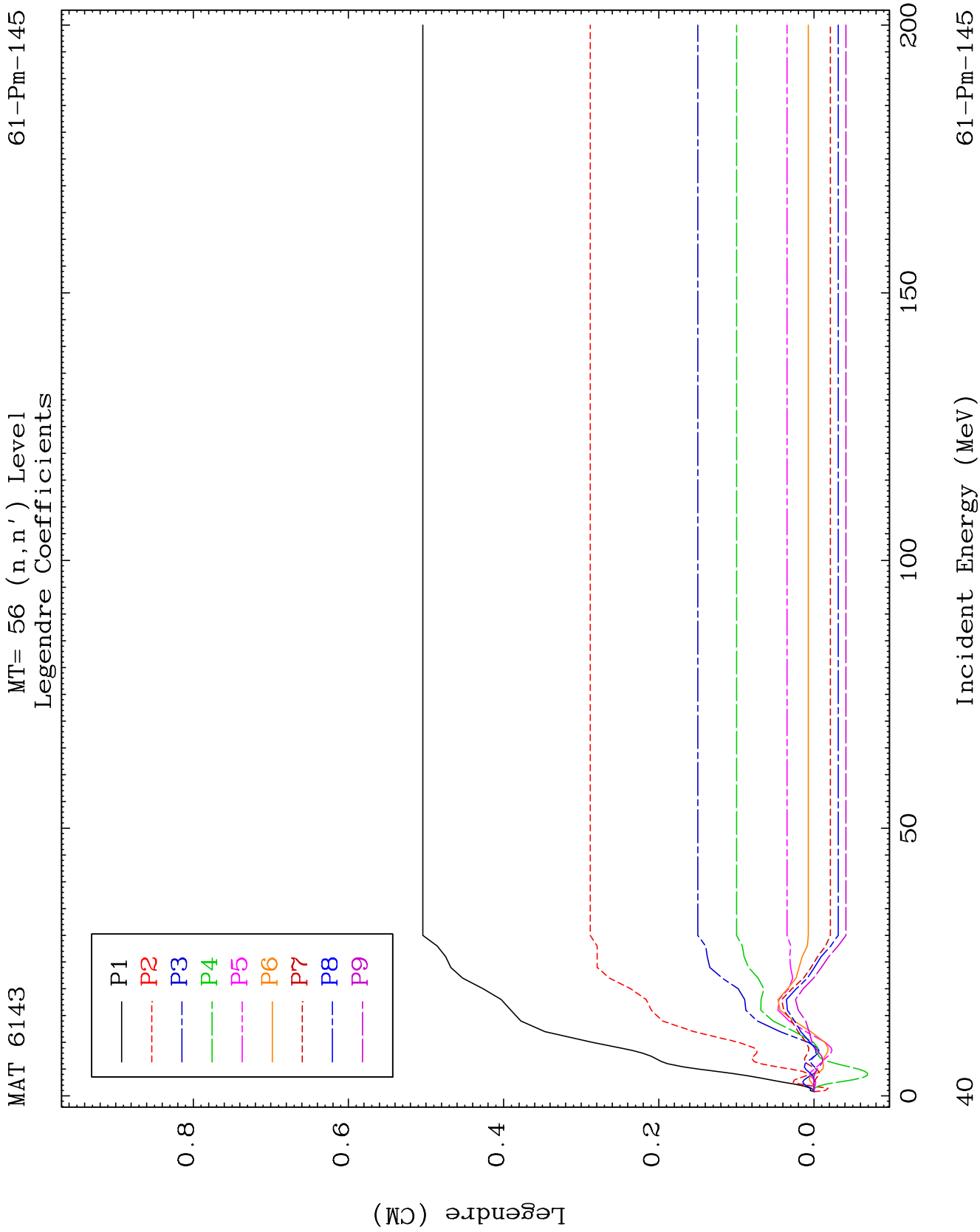


MAT 6143

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

61-Pm-145

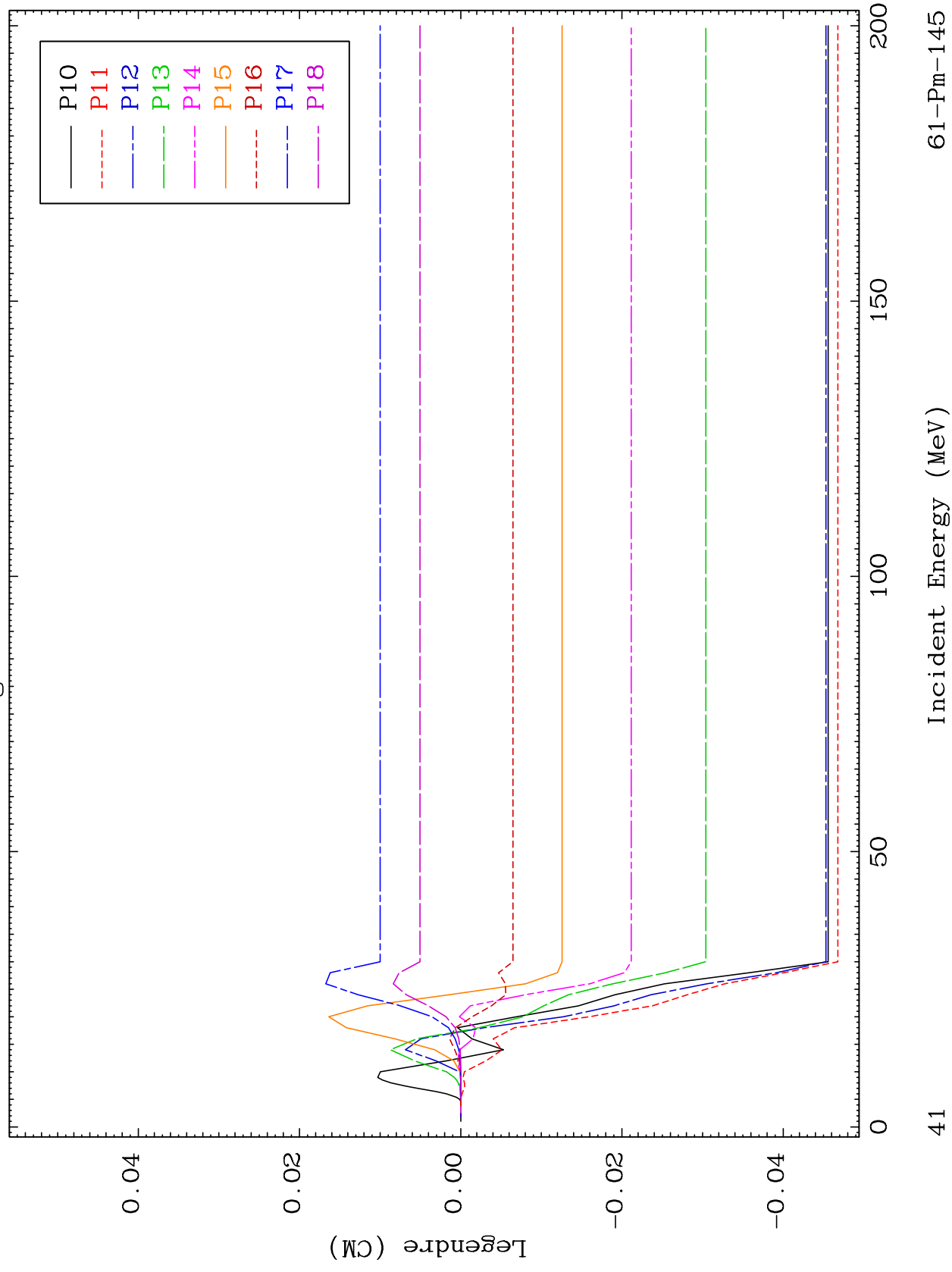


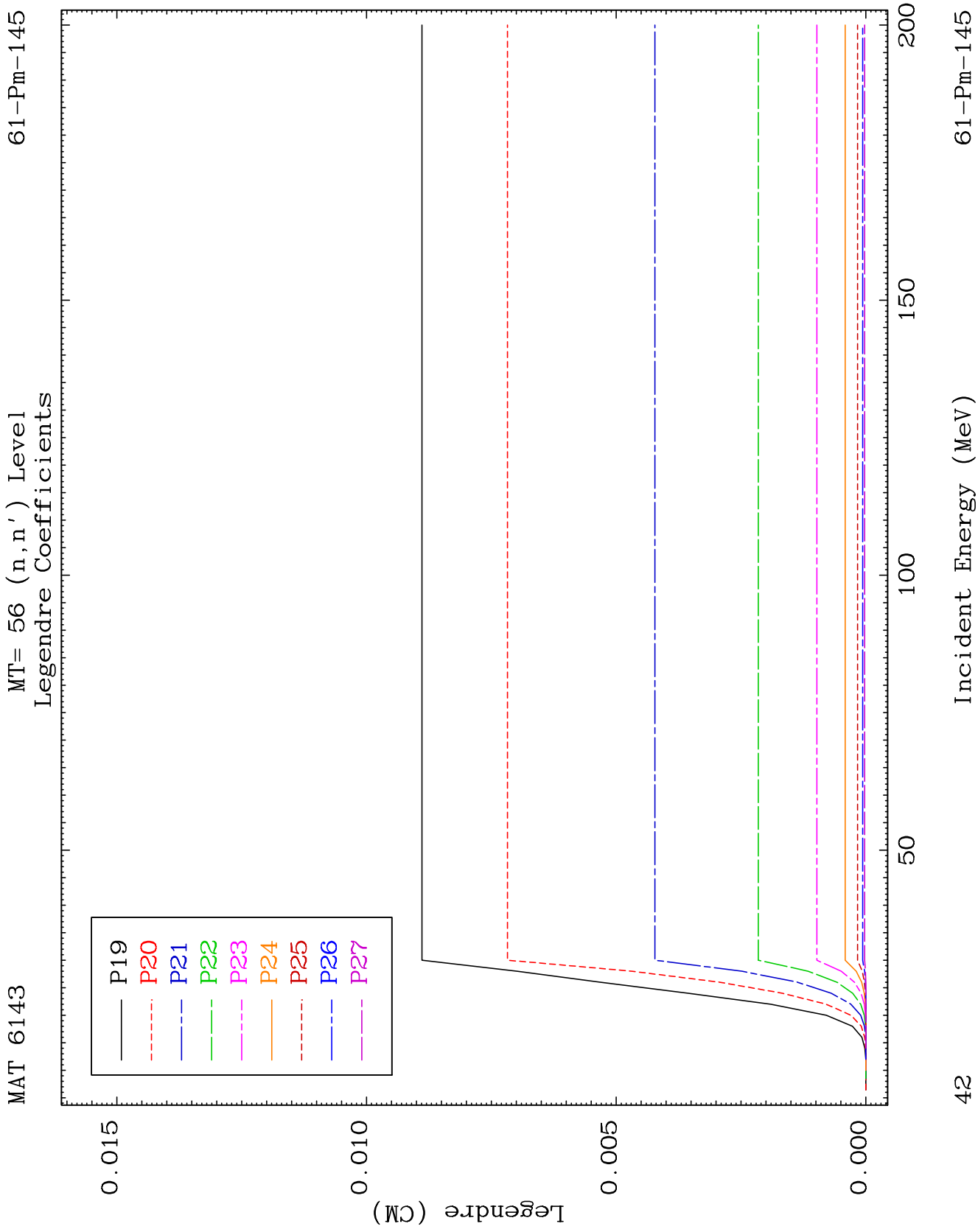


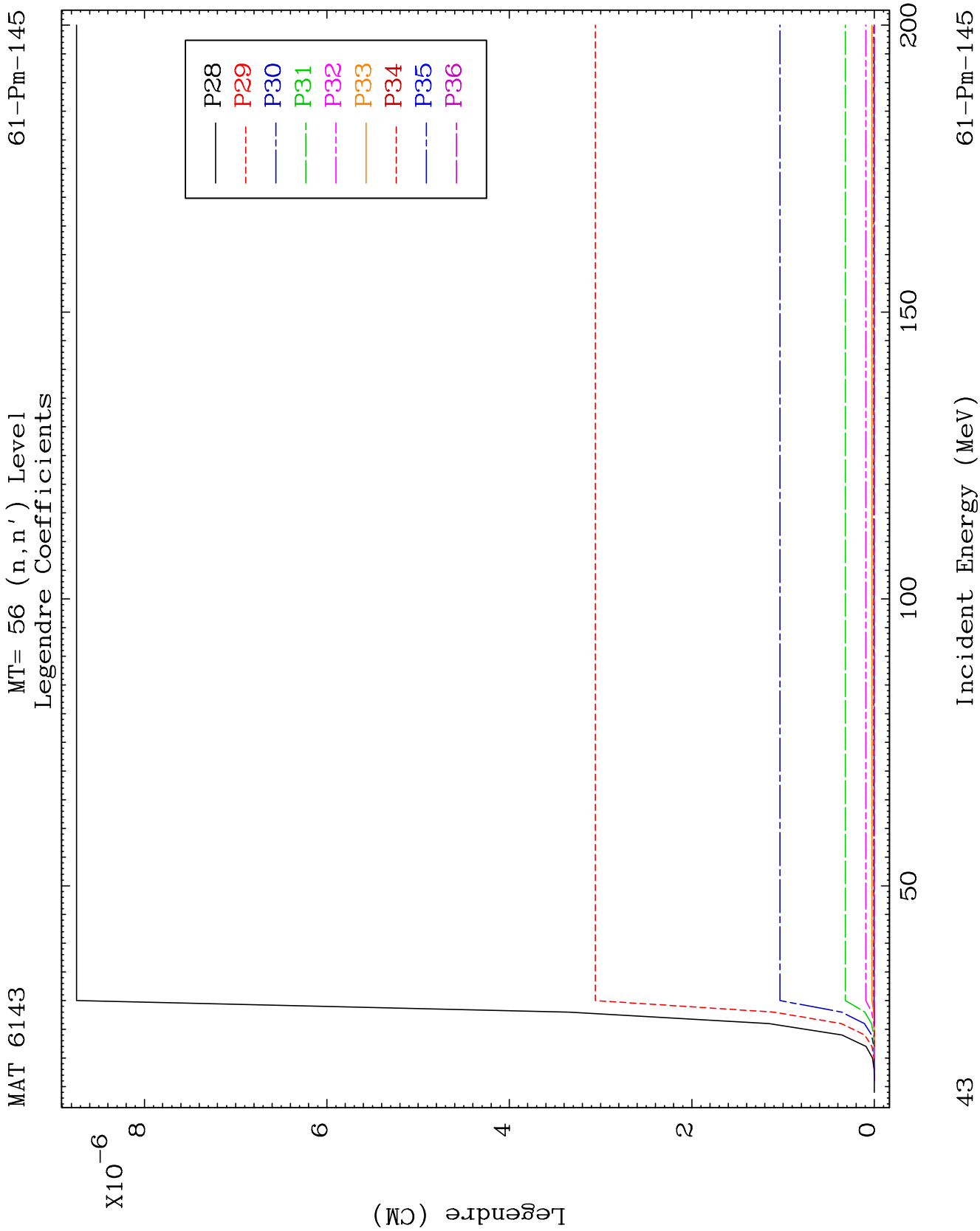
MAT 6143

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

61-Pm-145



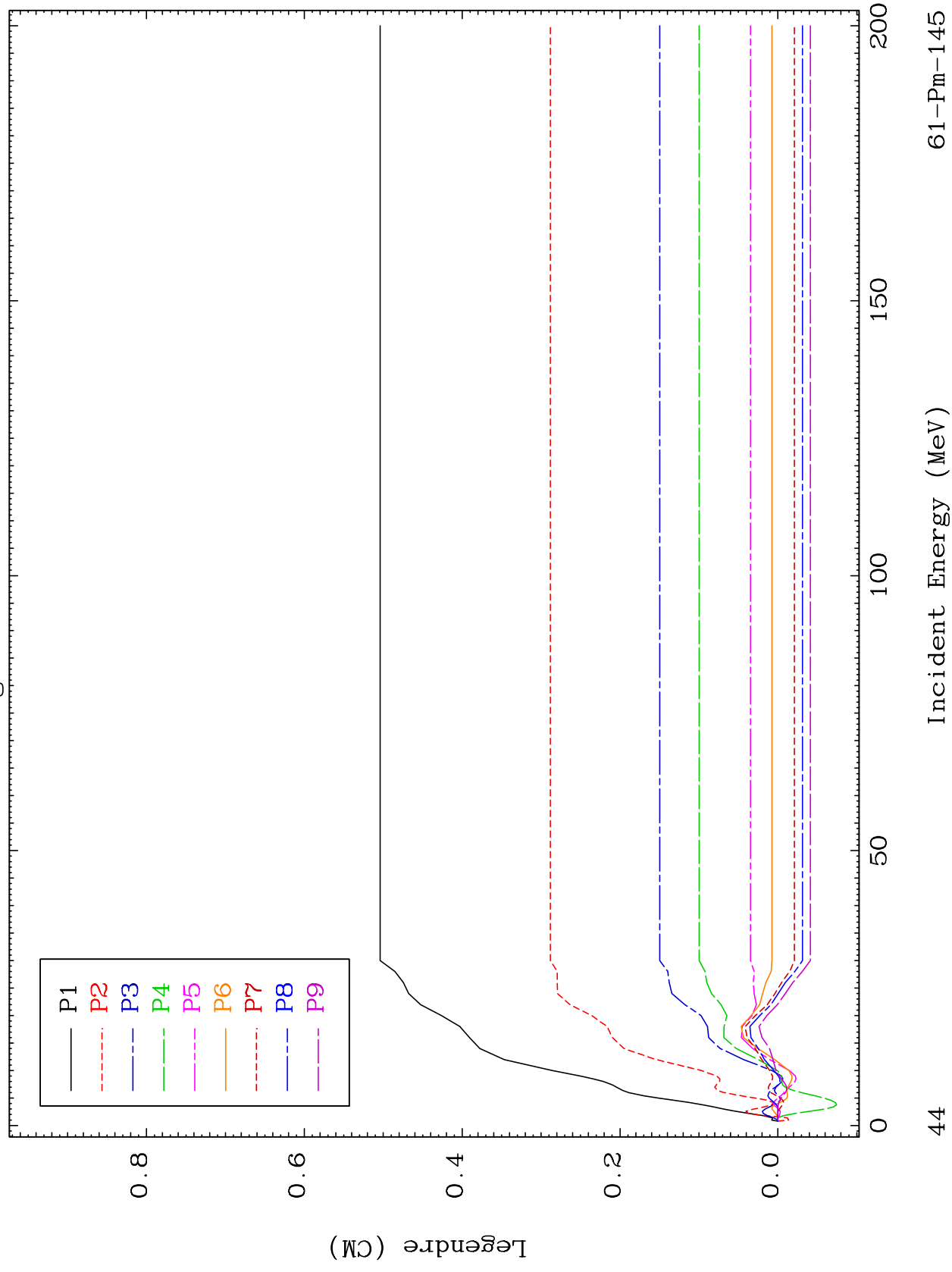


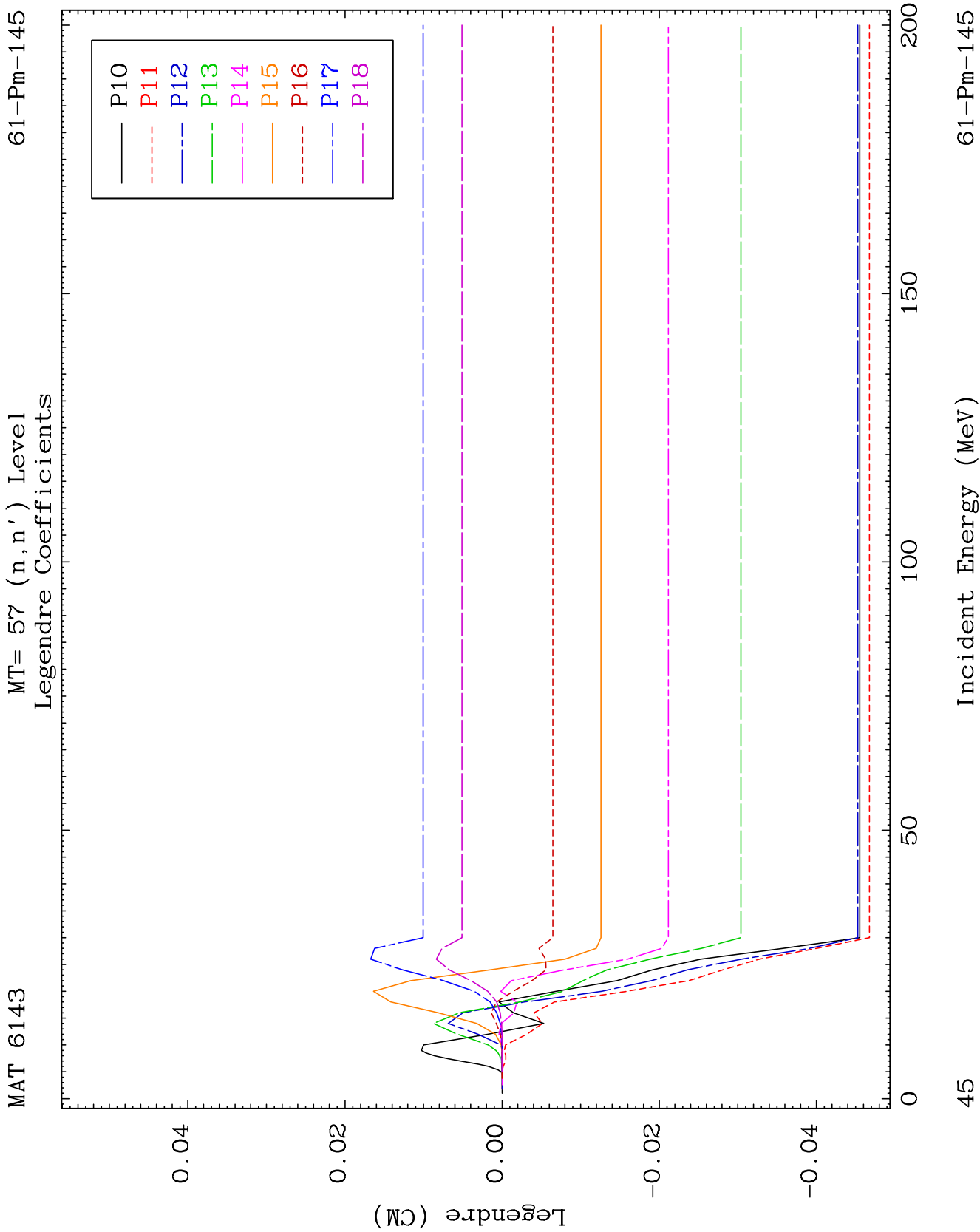


MAT 6143

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

61-Pm-145

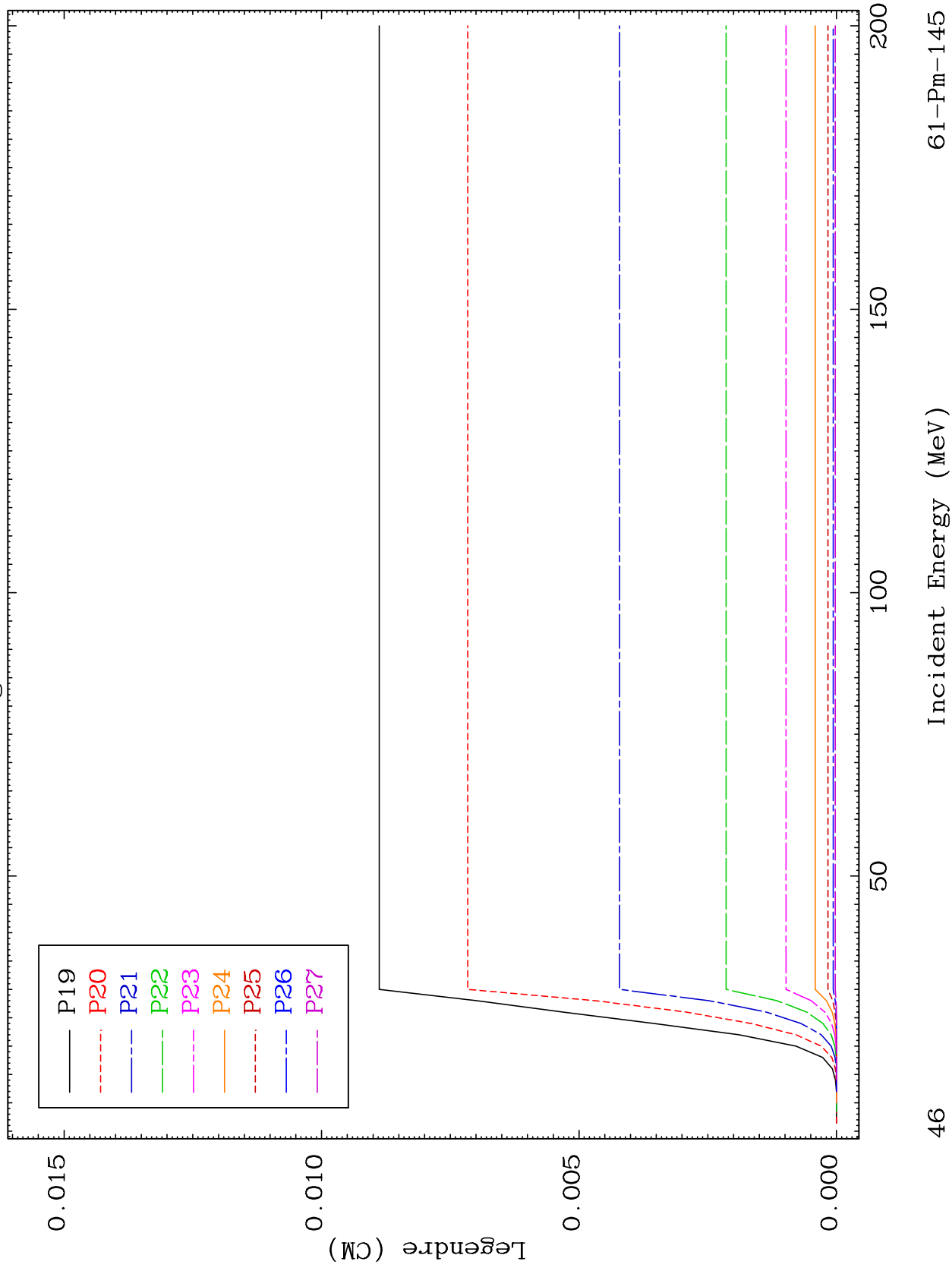


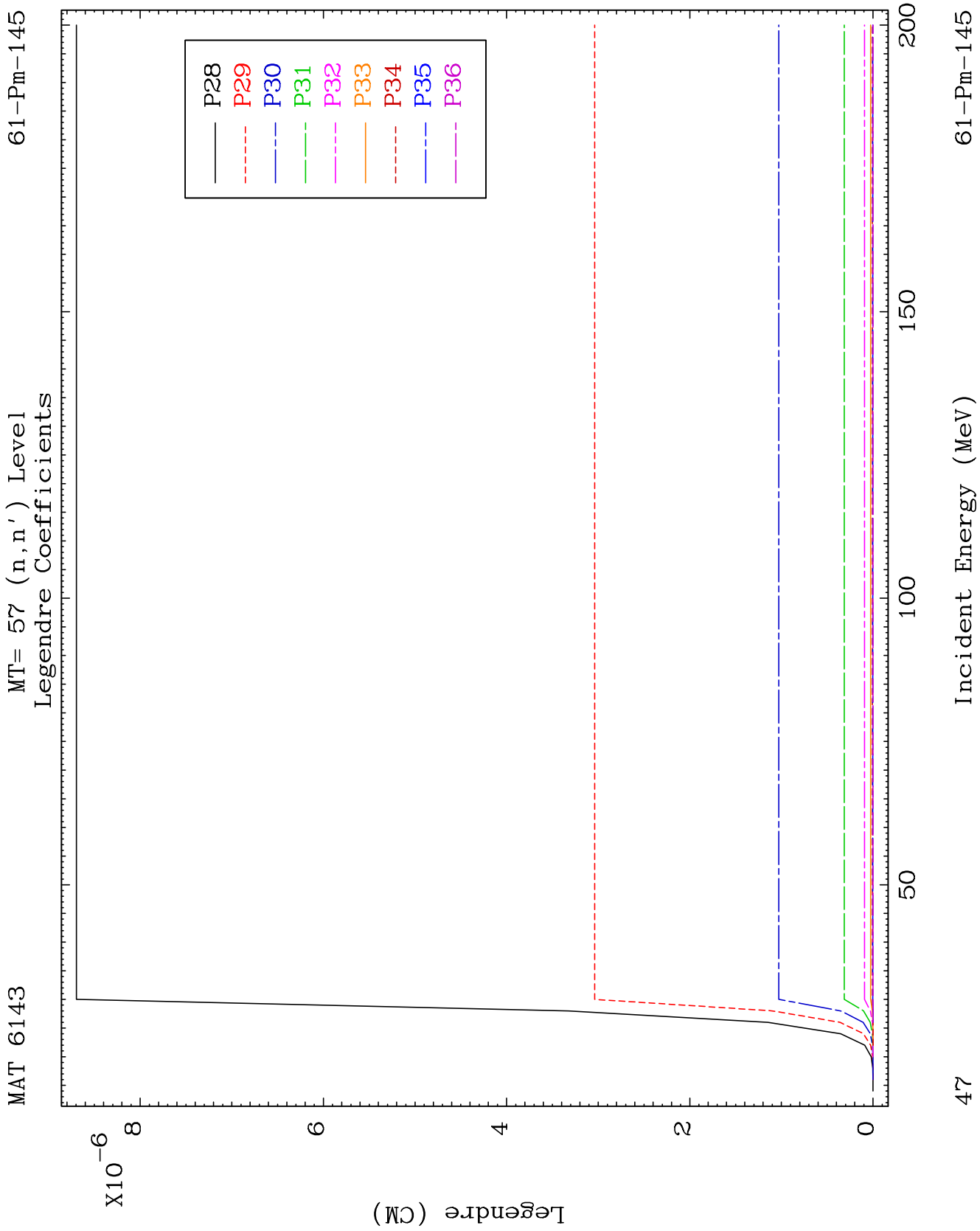


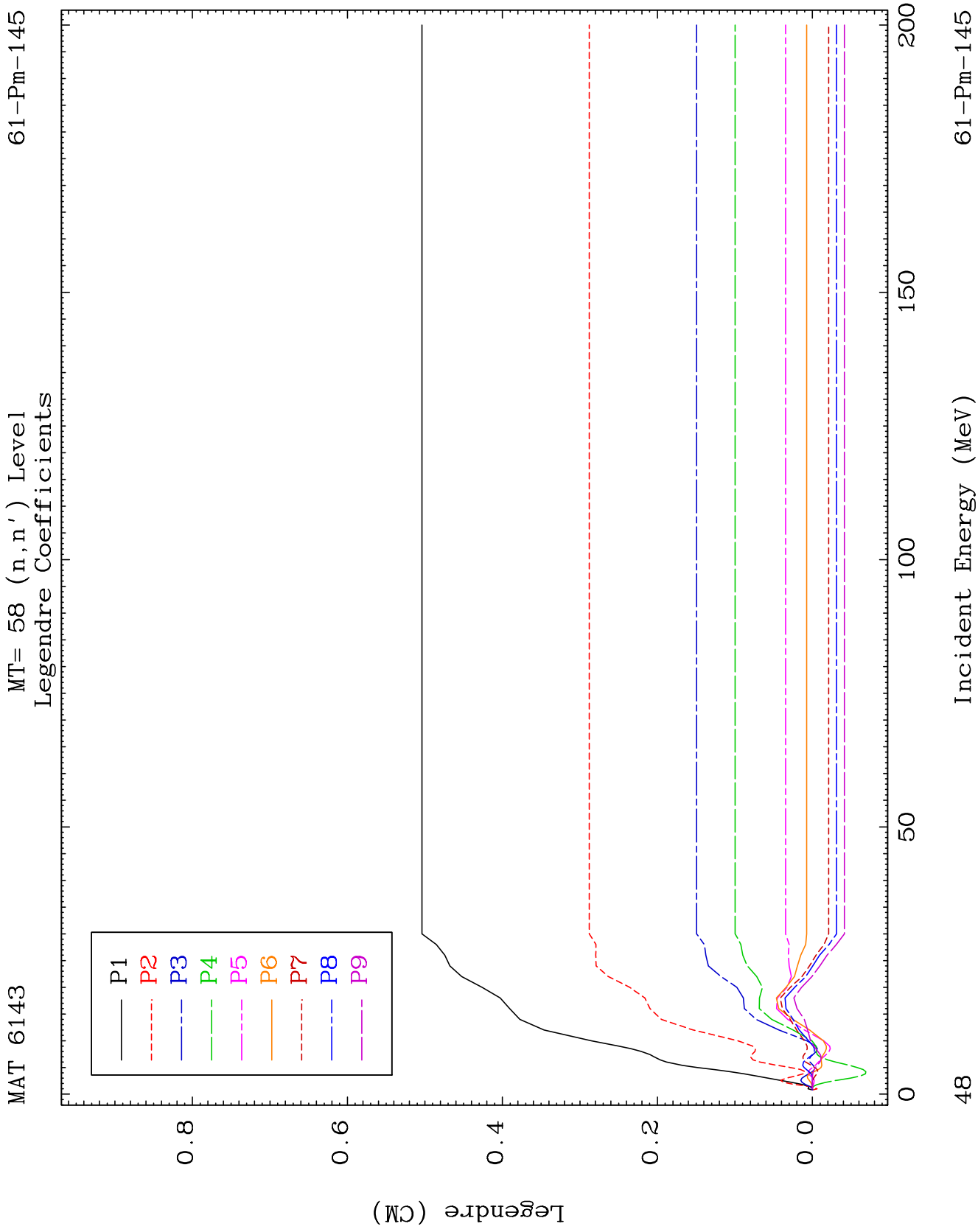
MAT 6143

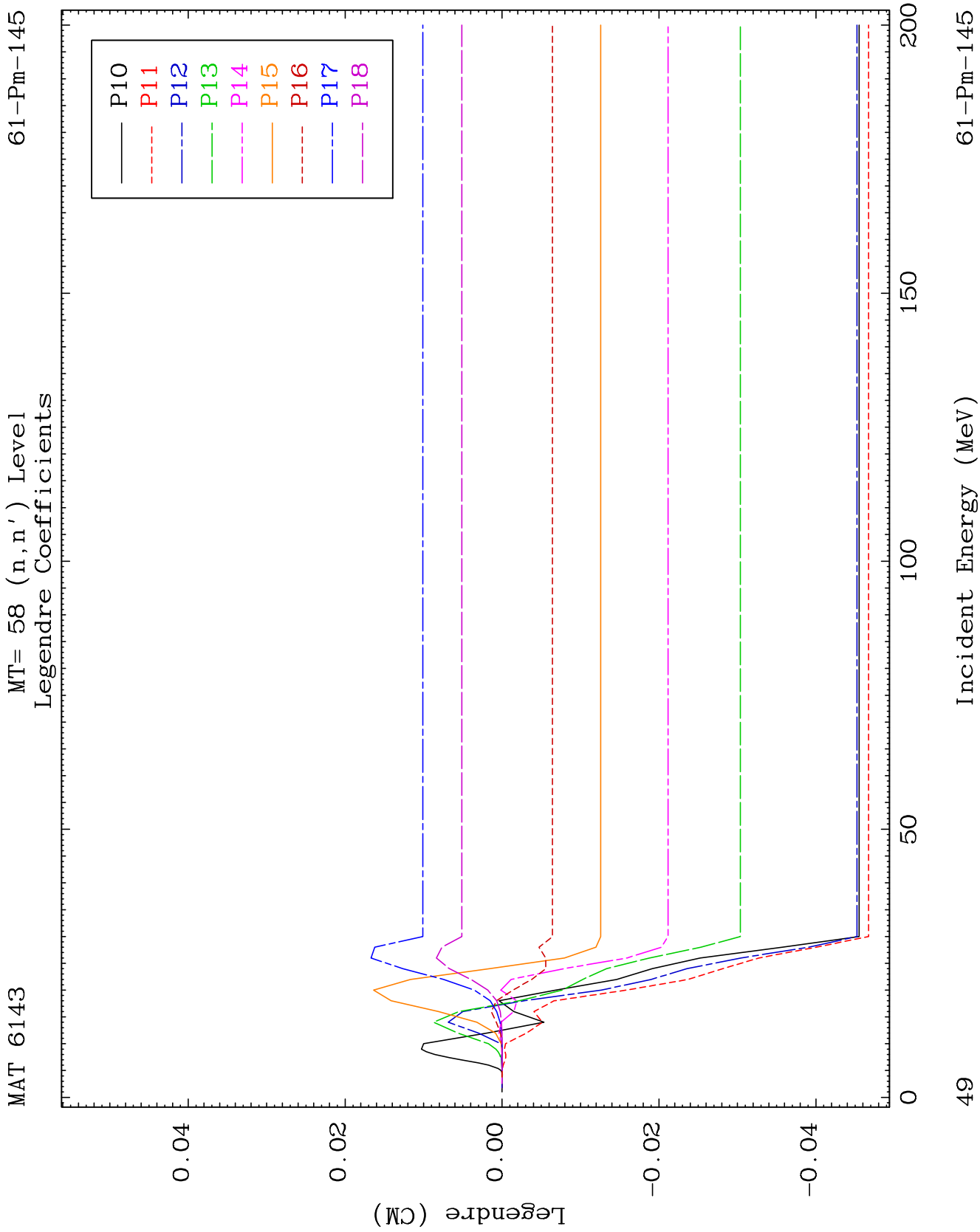
MT= 57 (n, n') Level
Legendre Coefficients

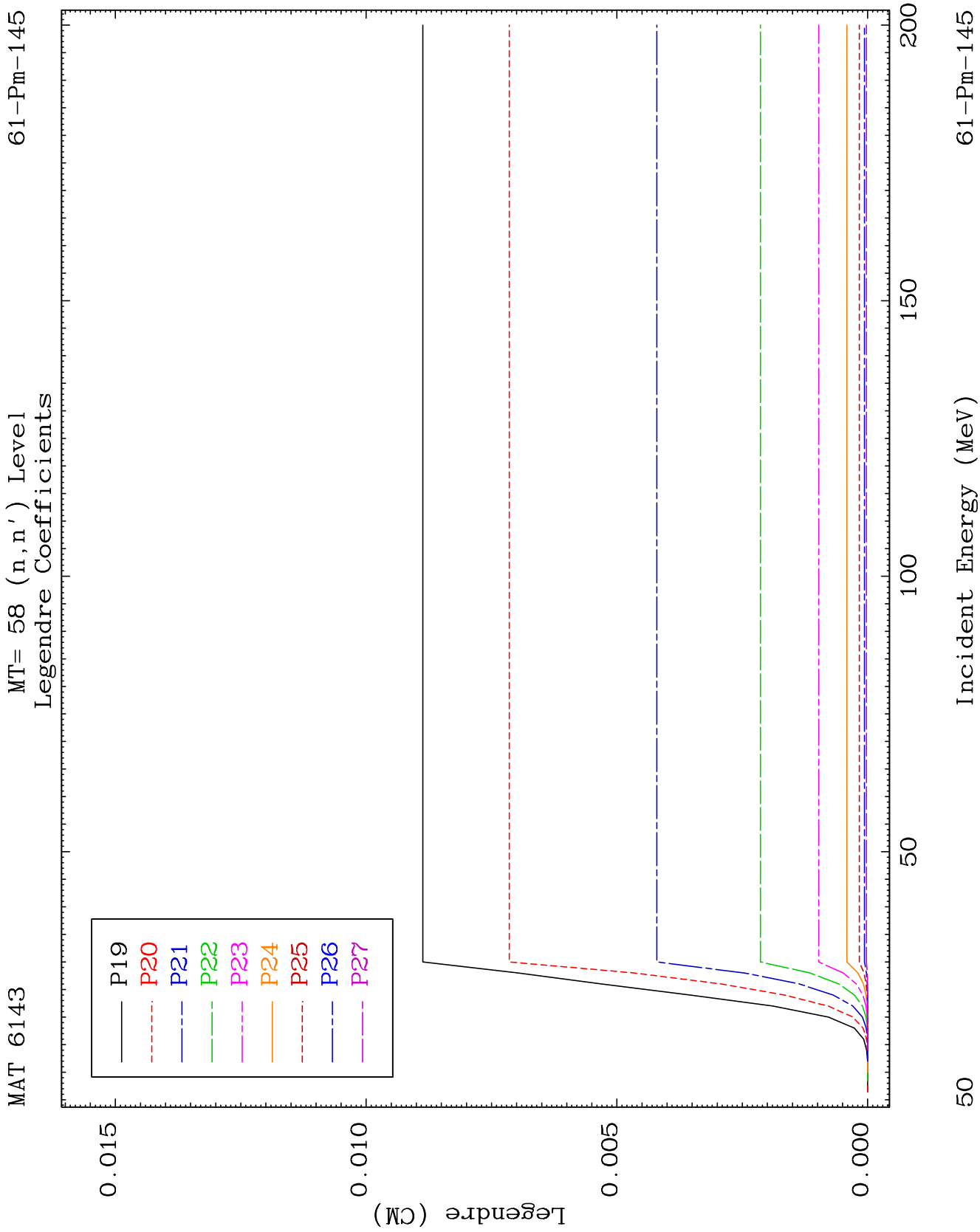
61-Pm-145

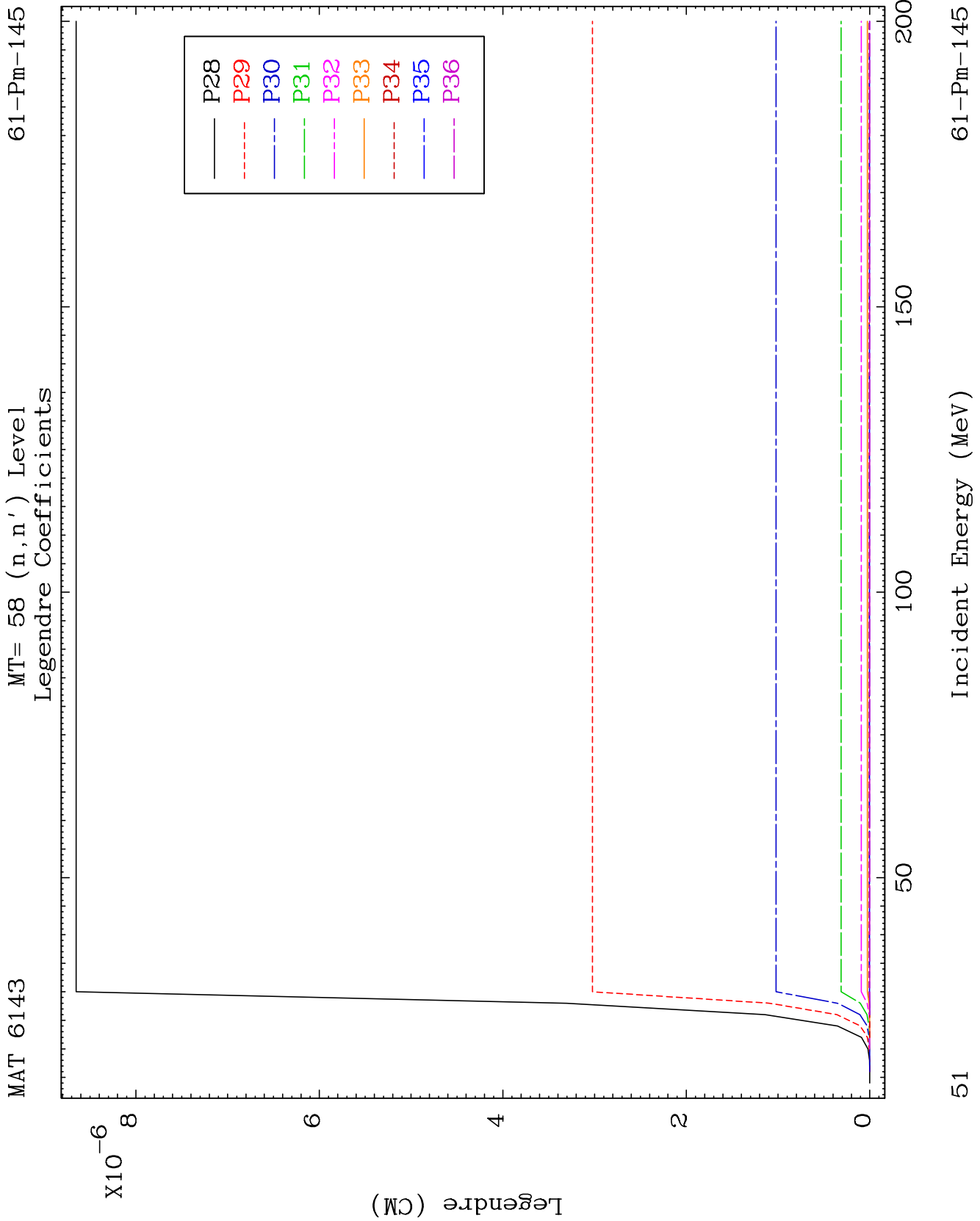








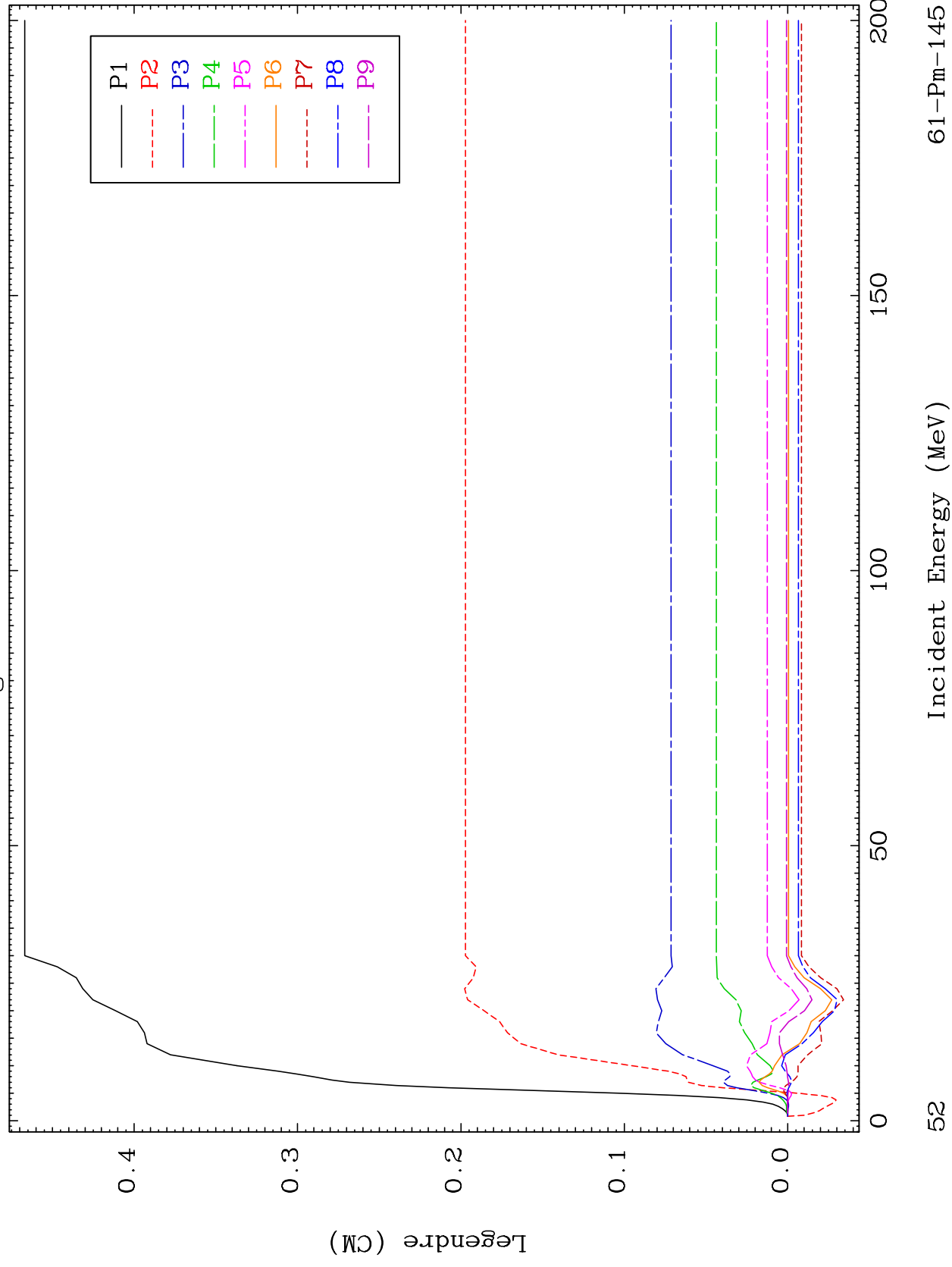


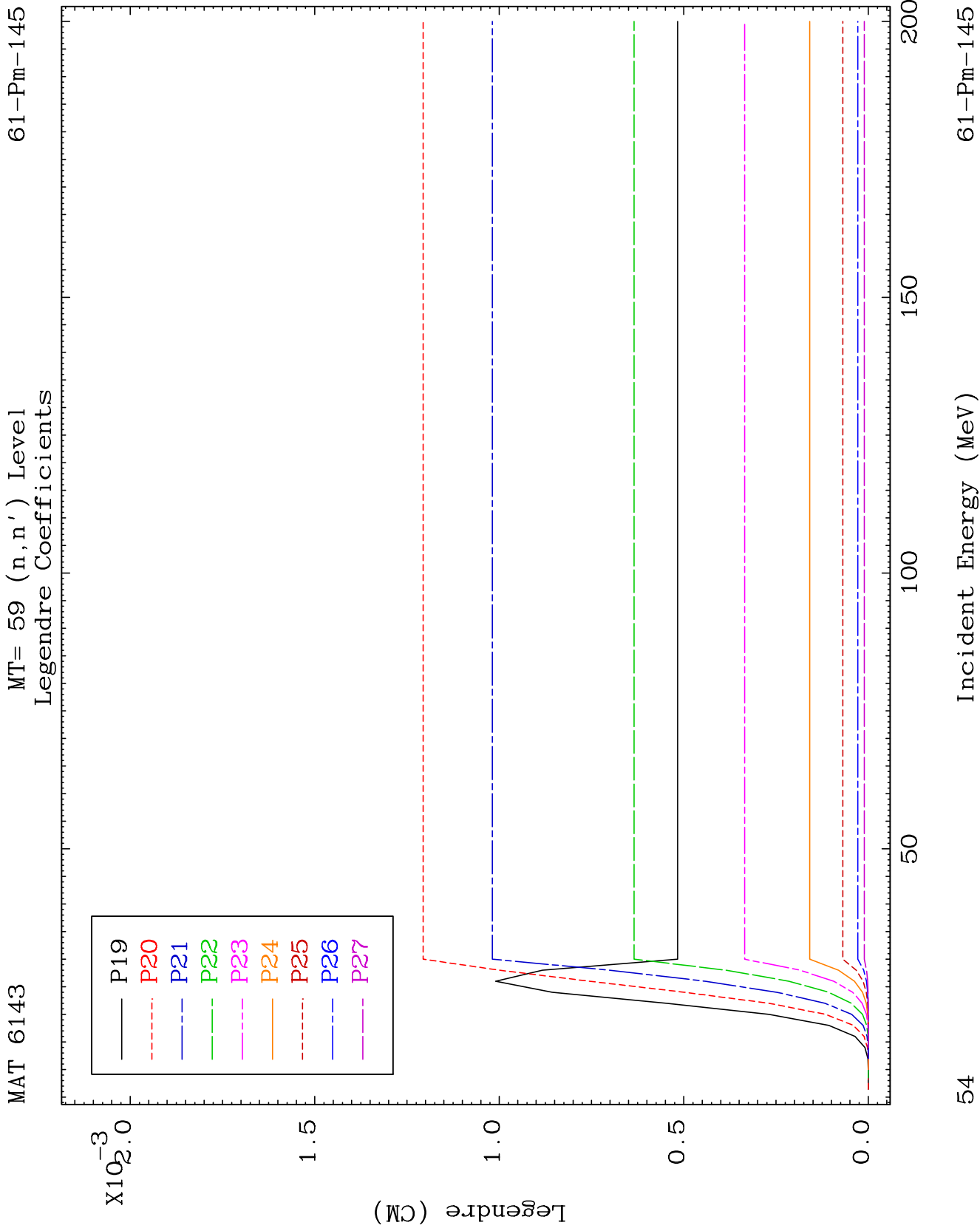


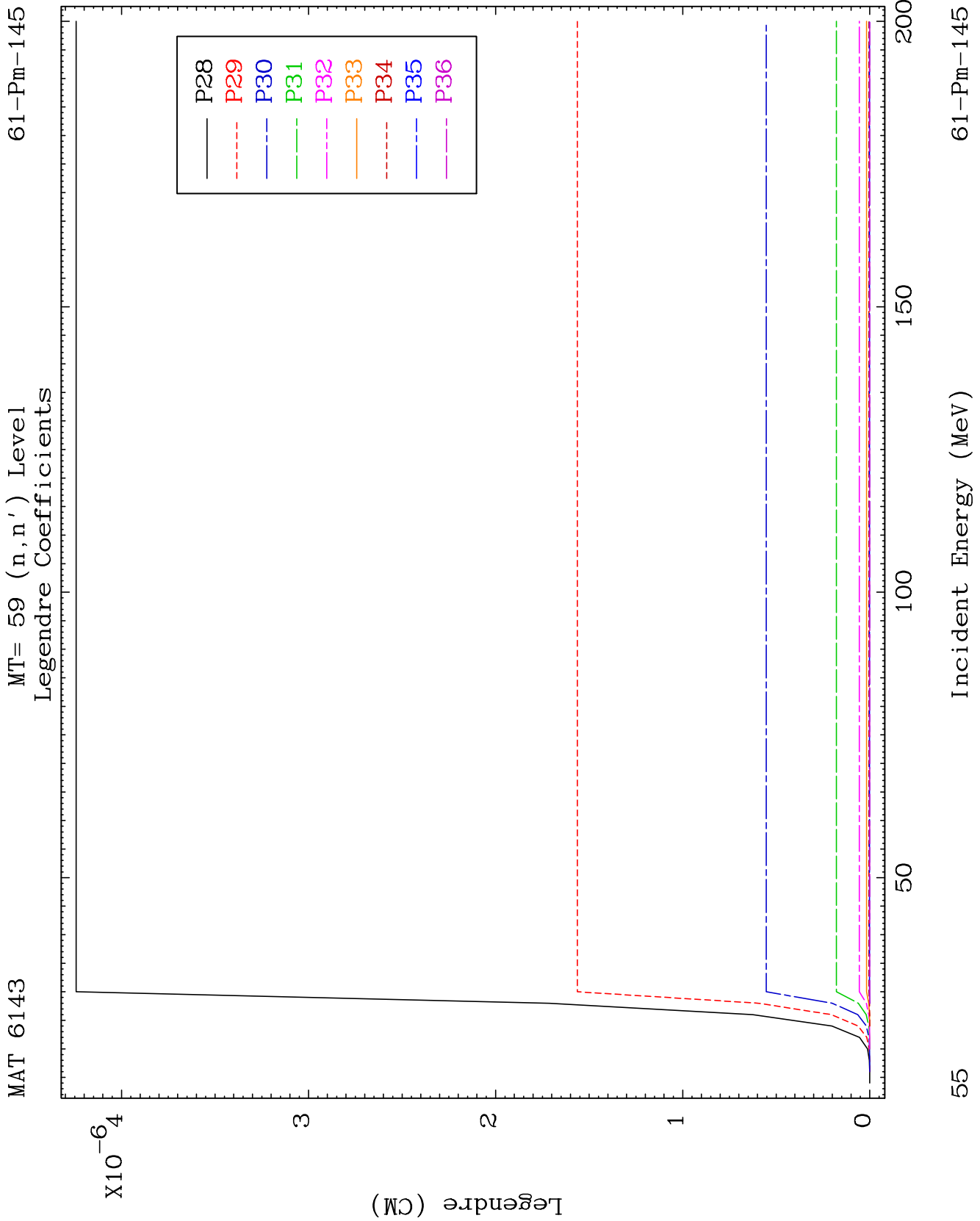
MAT 6143

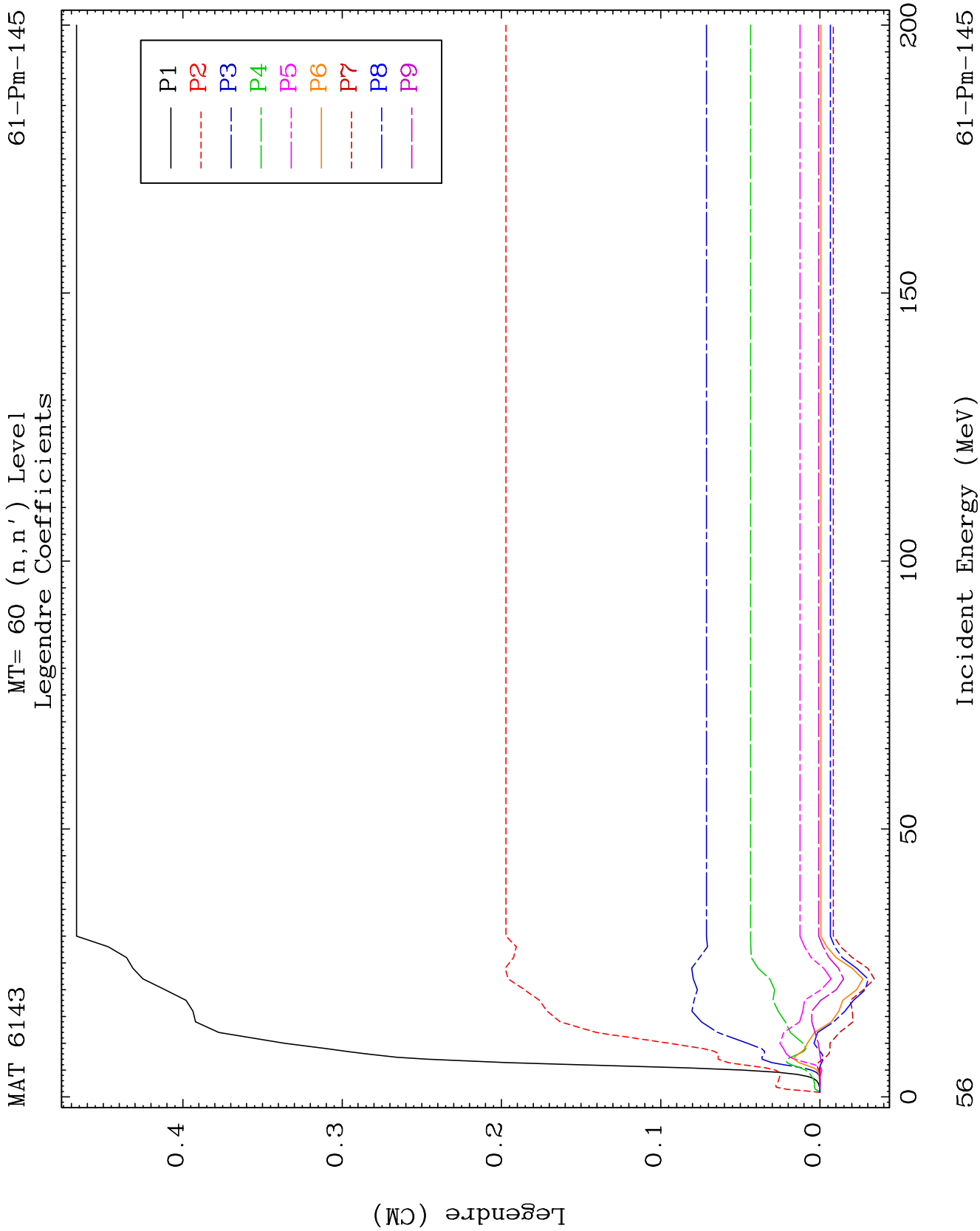
MT= 59 (n, n') Level
Legendre Coefficients

61-Pm-145





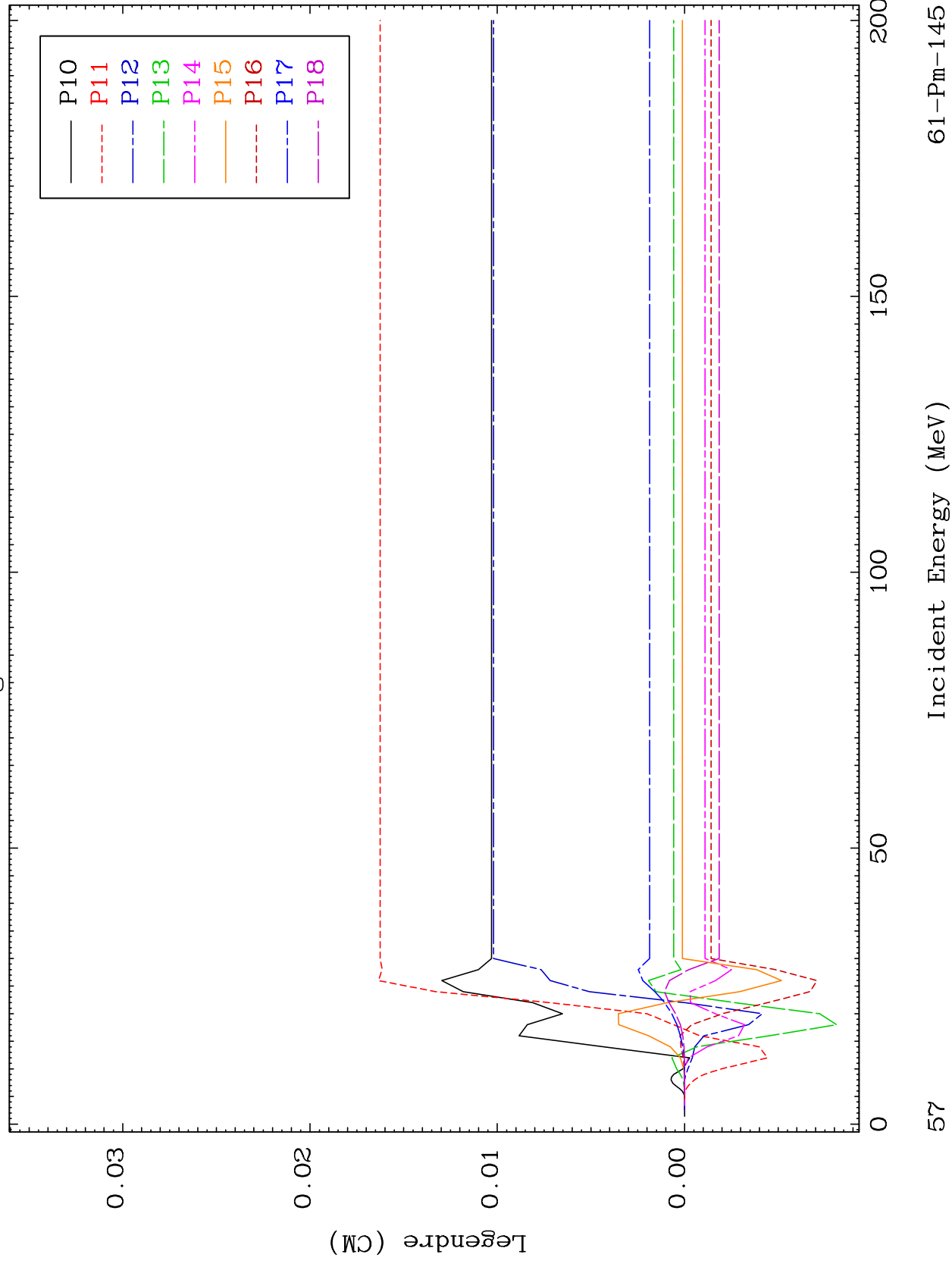


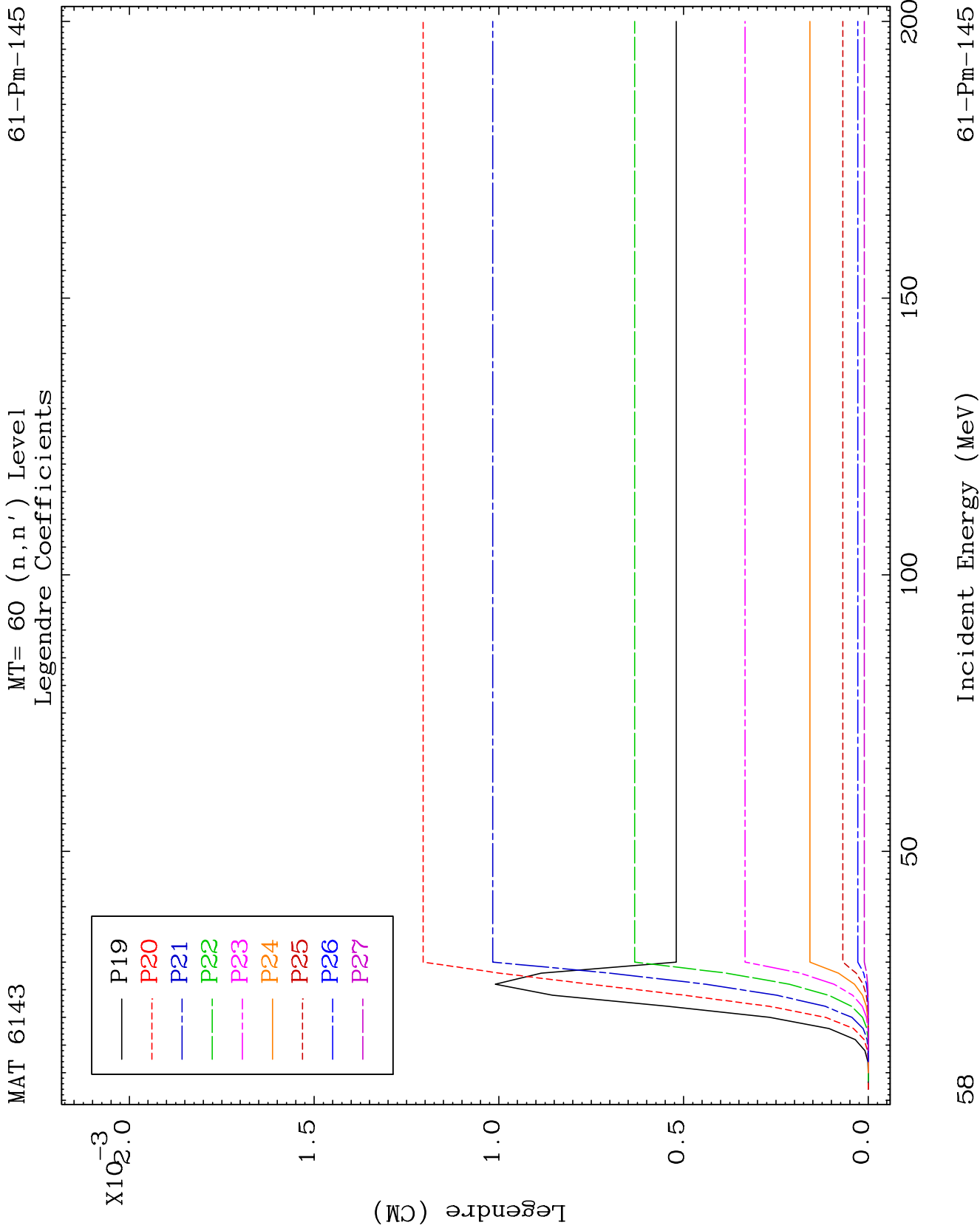


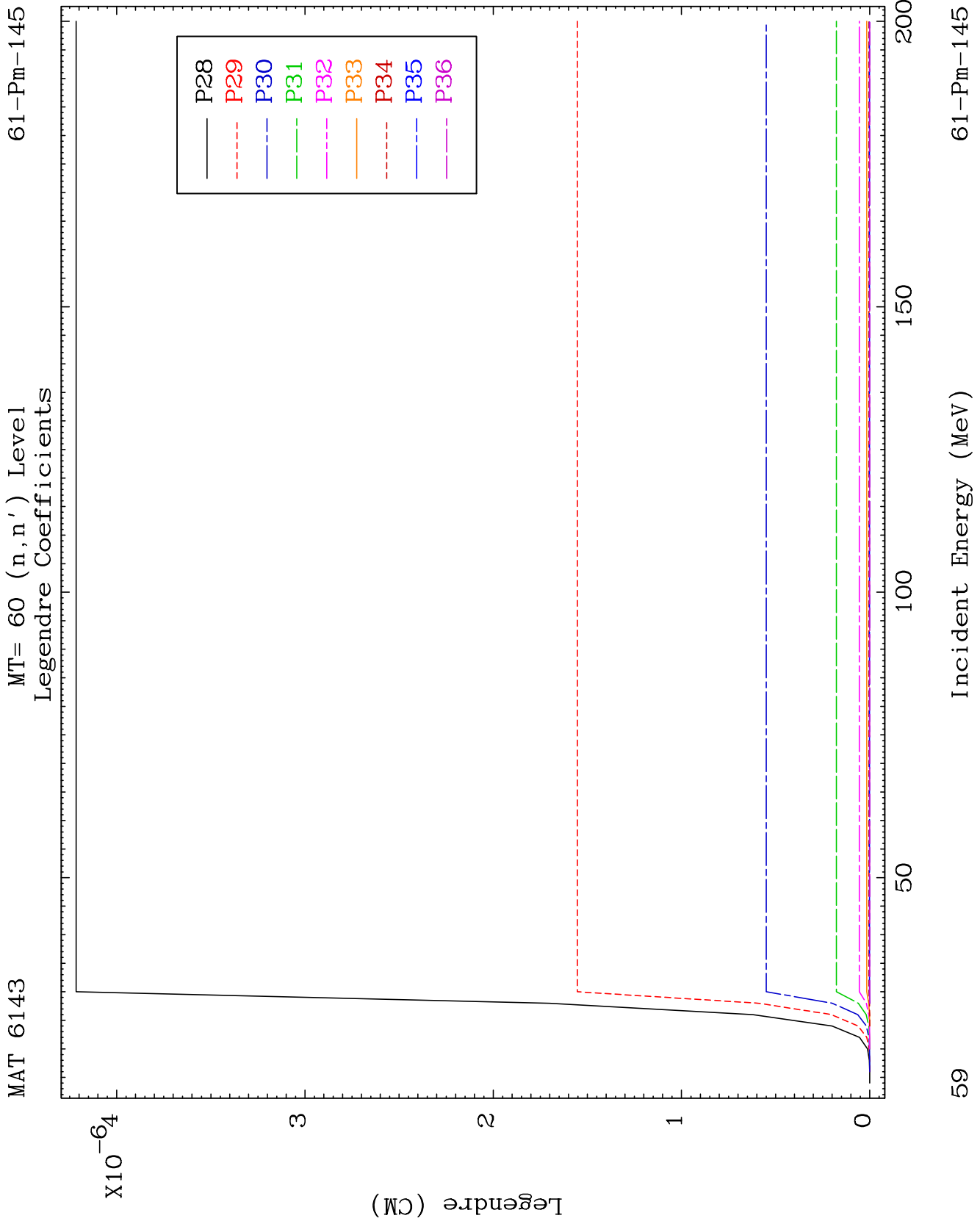
MAT 6143

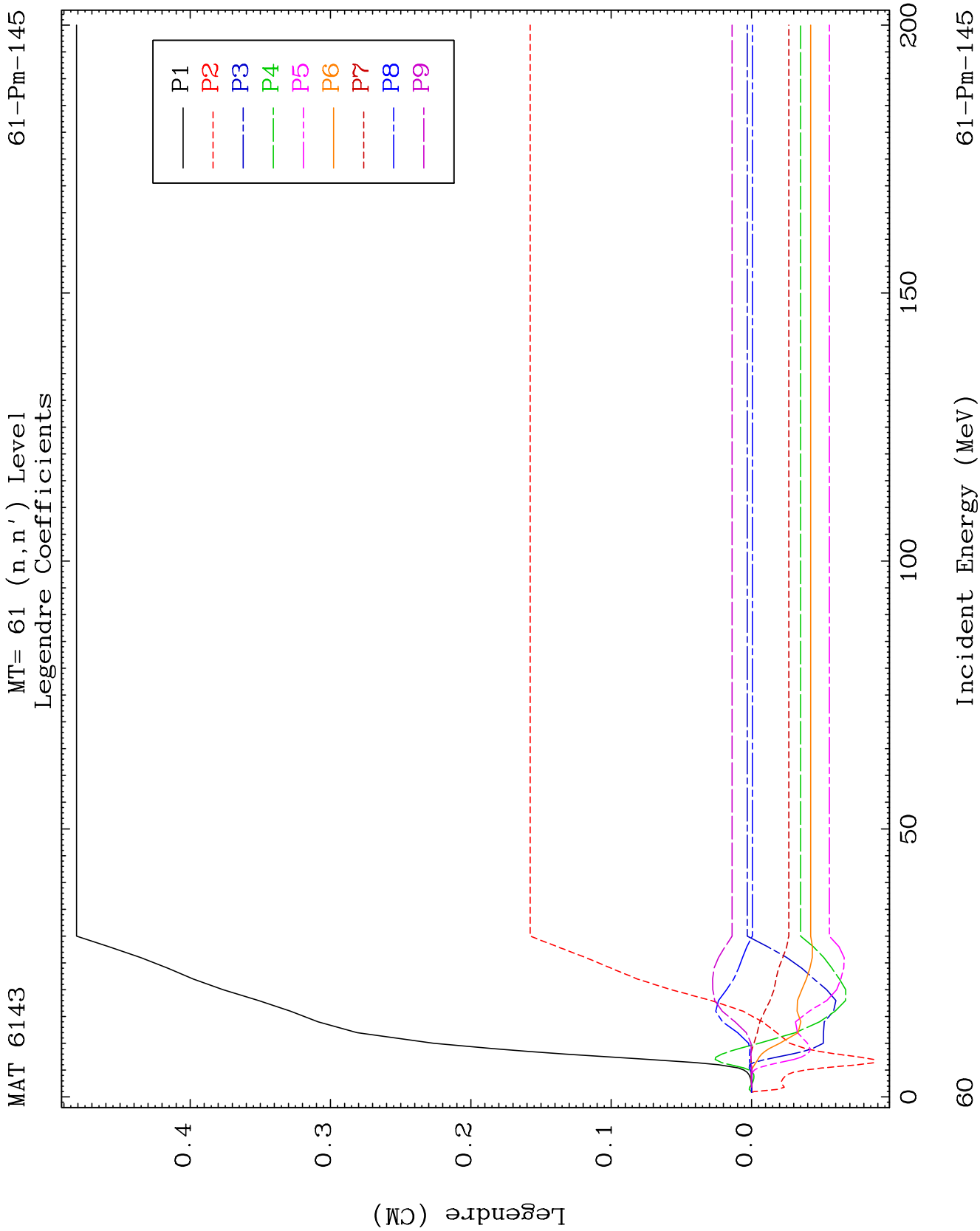
MT= 60 (n, n') Level
Legendre Coefficients

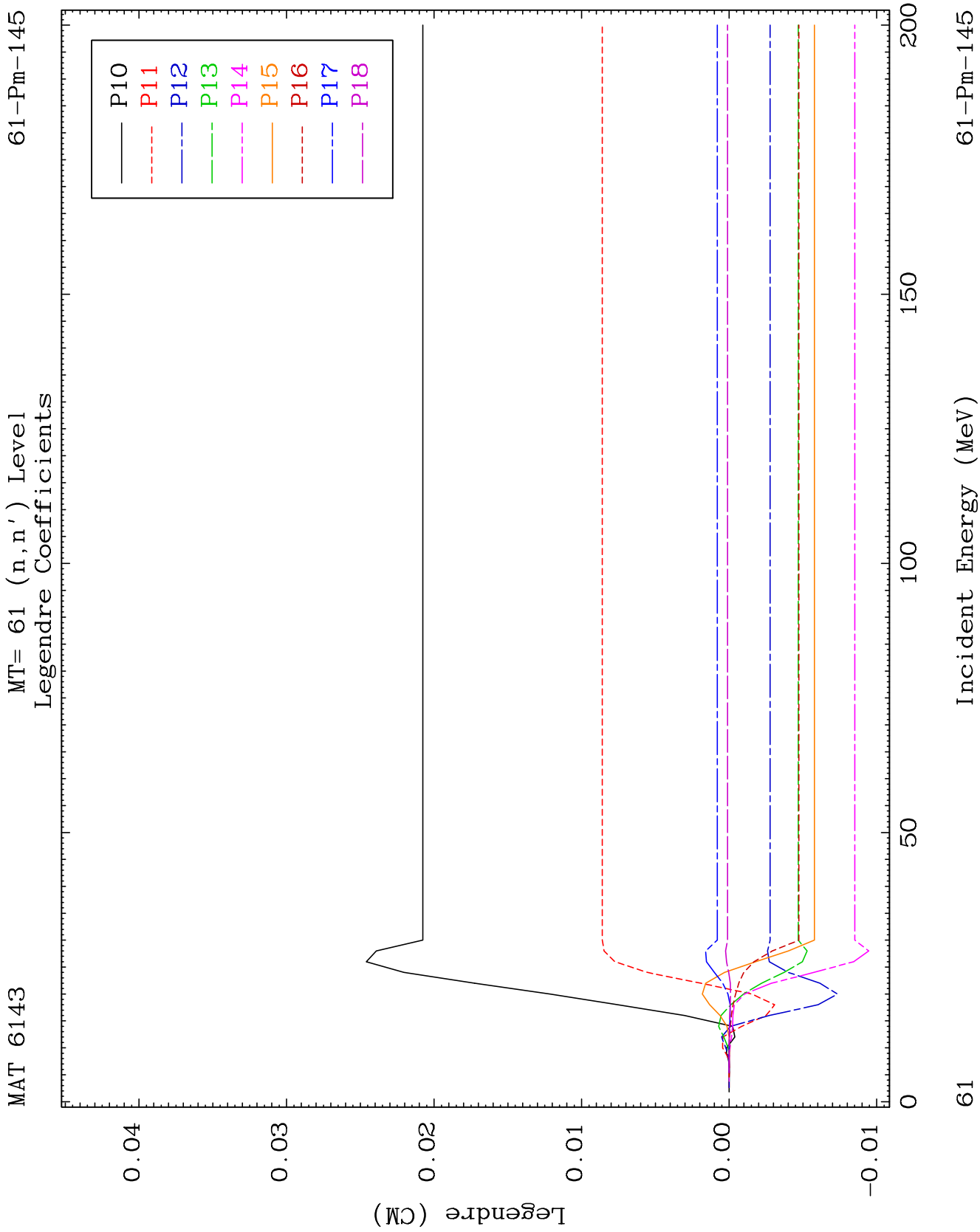
61-Pm-145

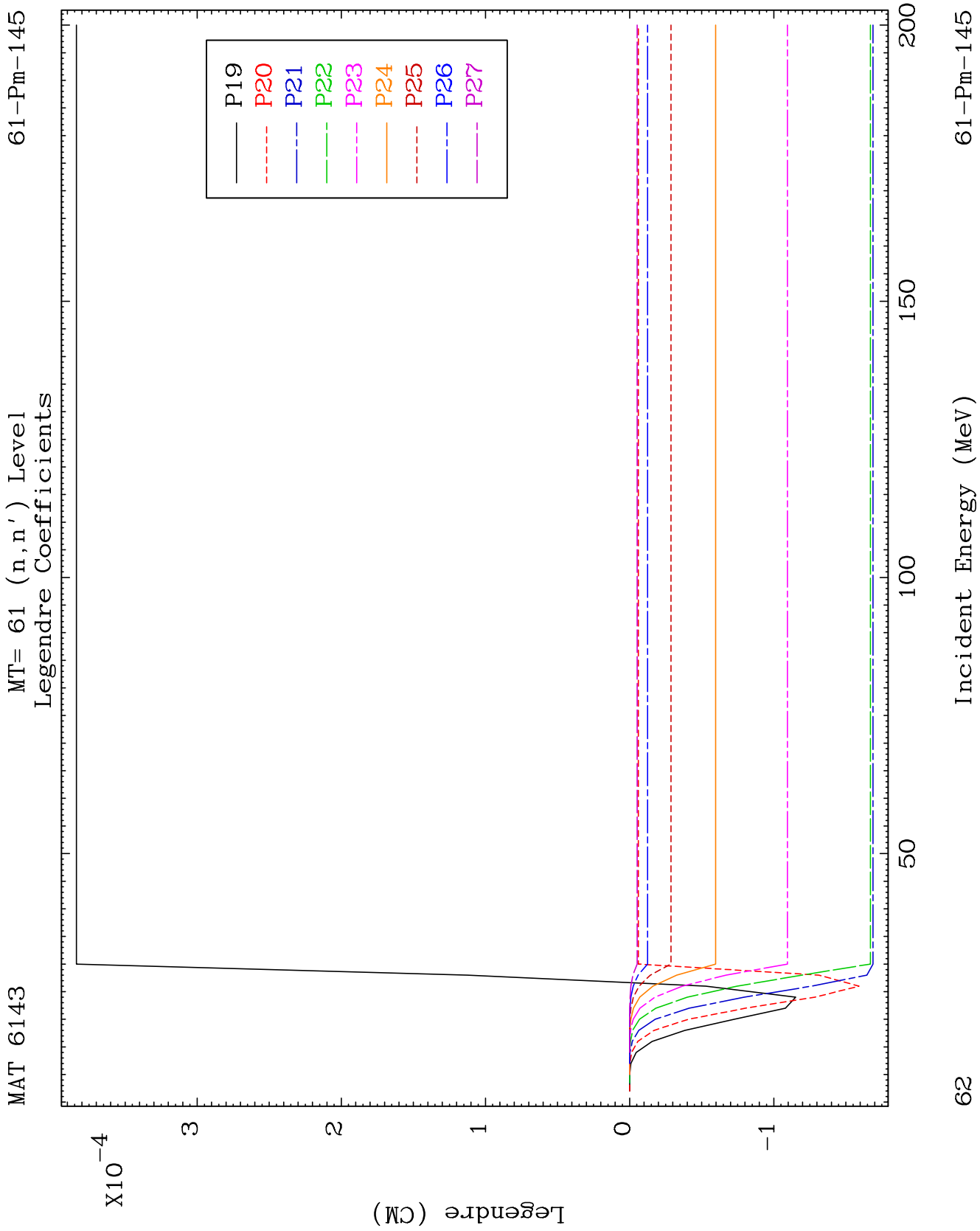


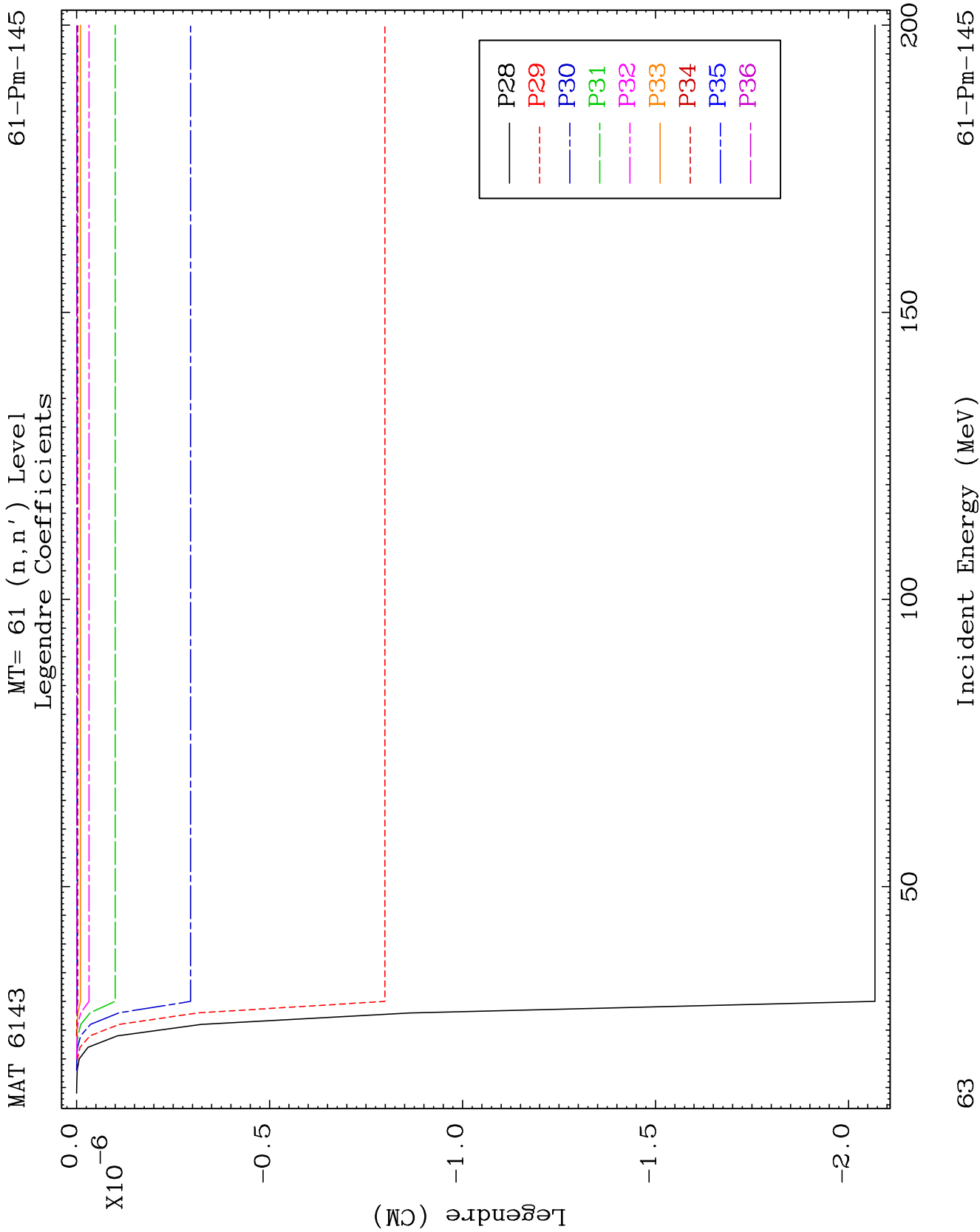


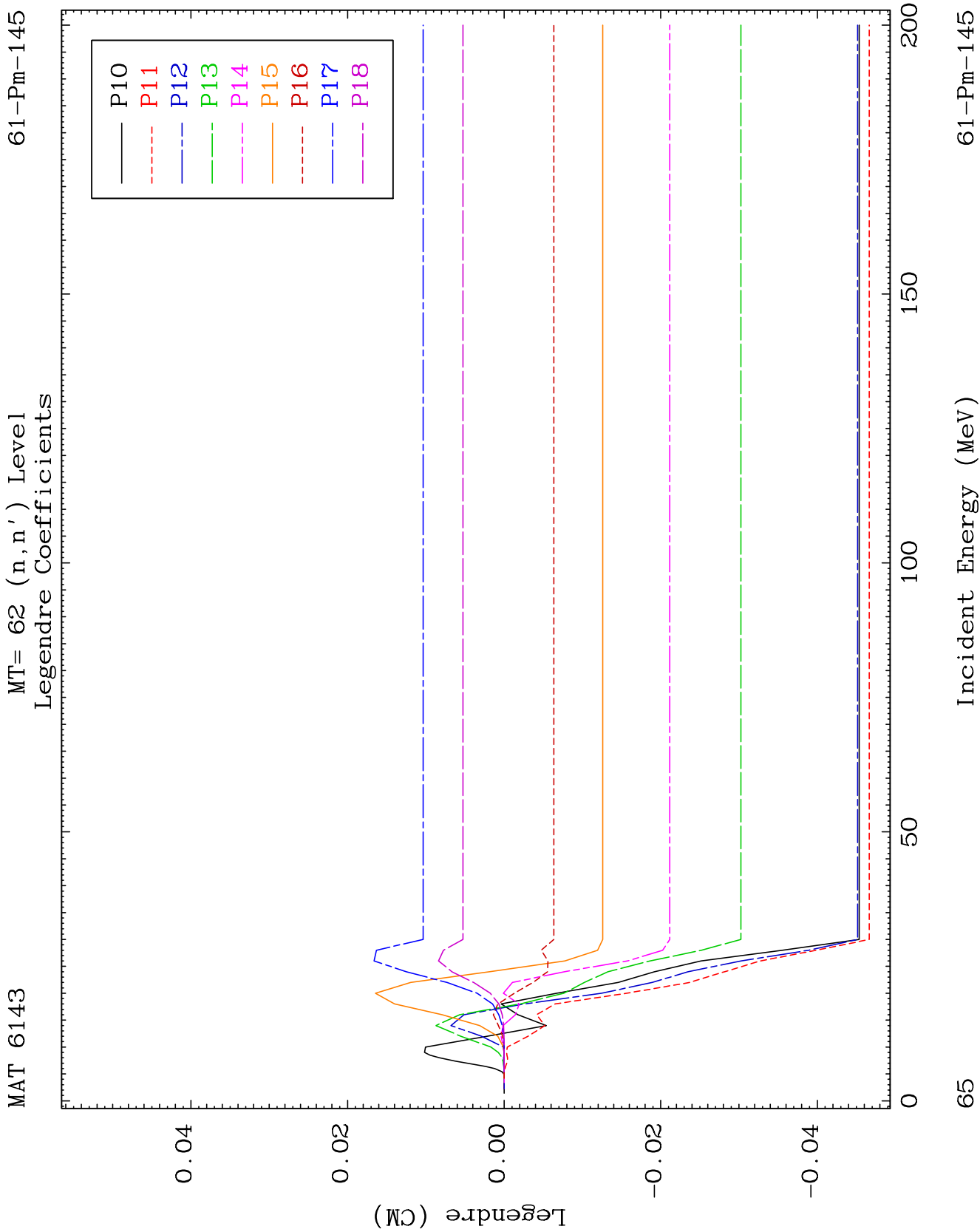


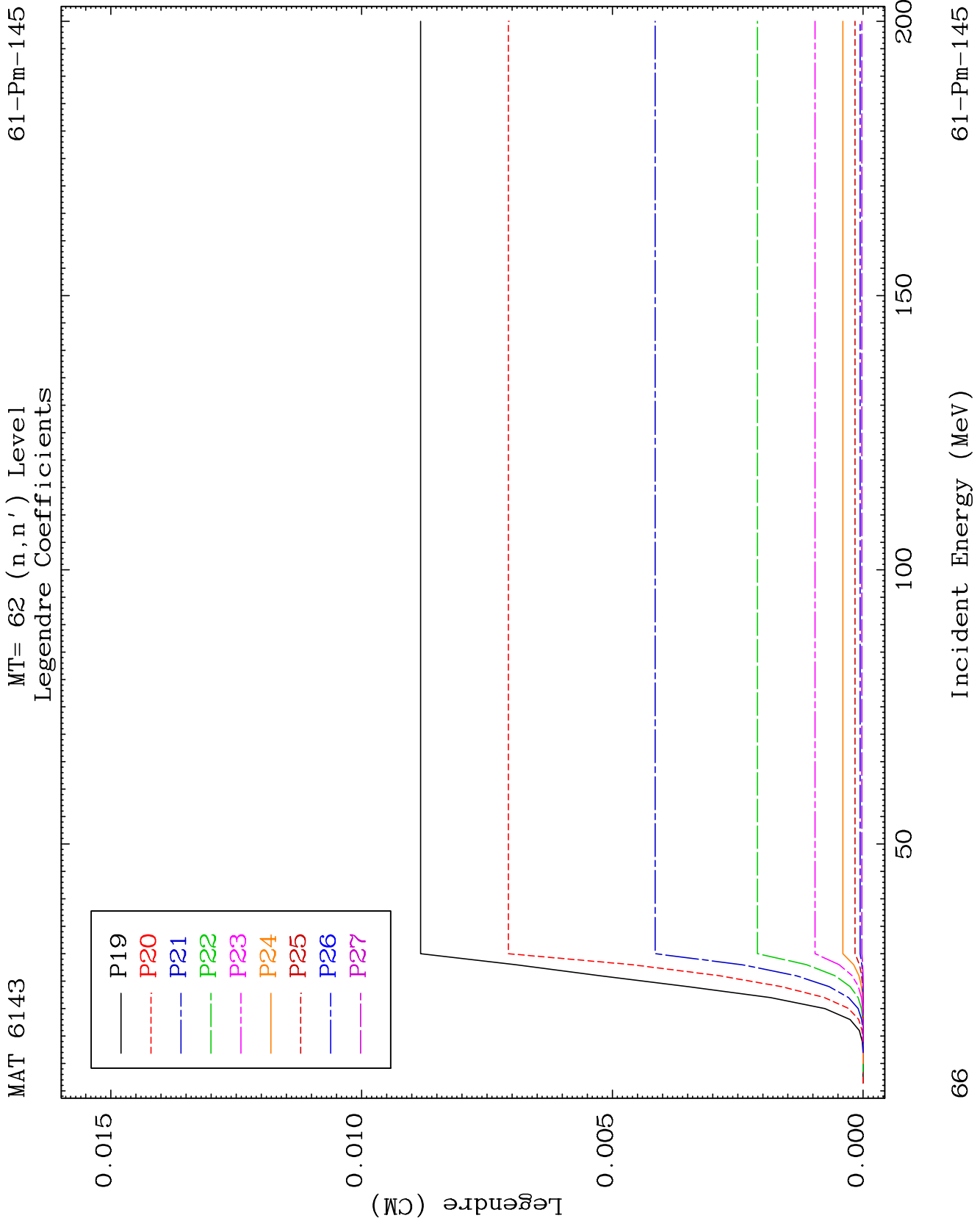


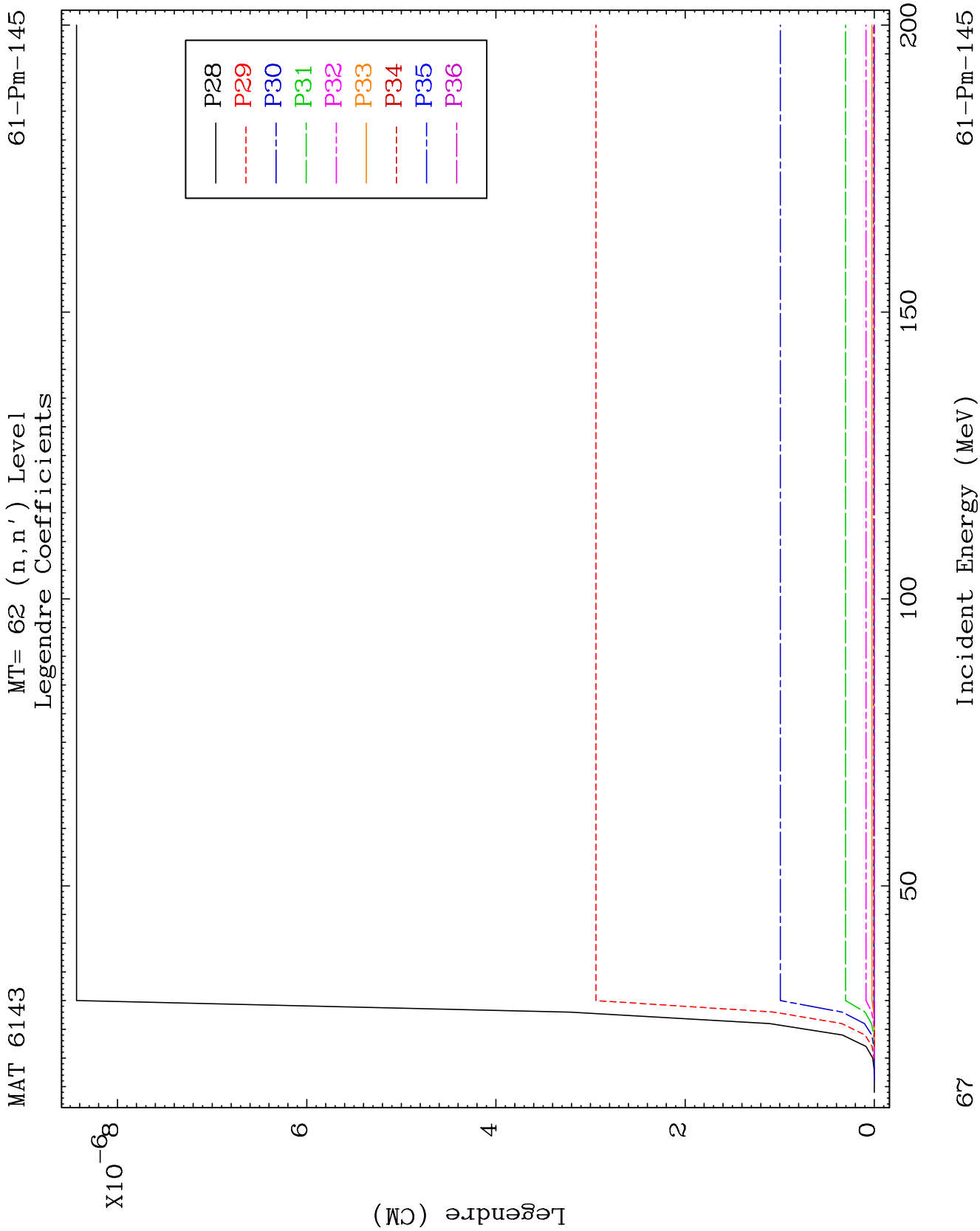


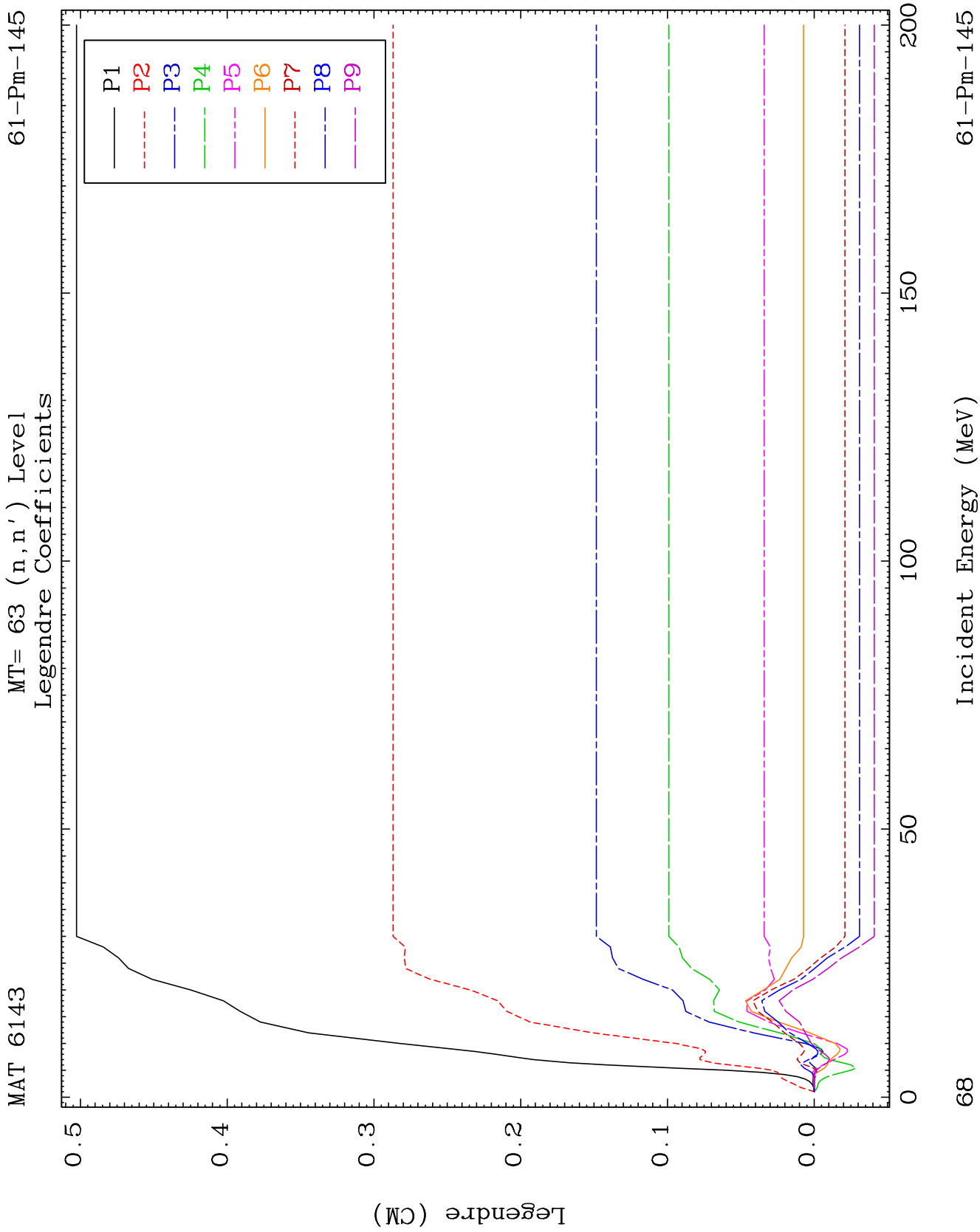








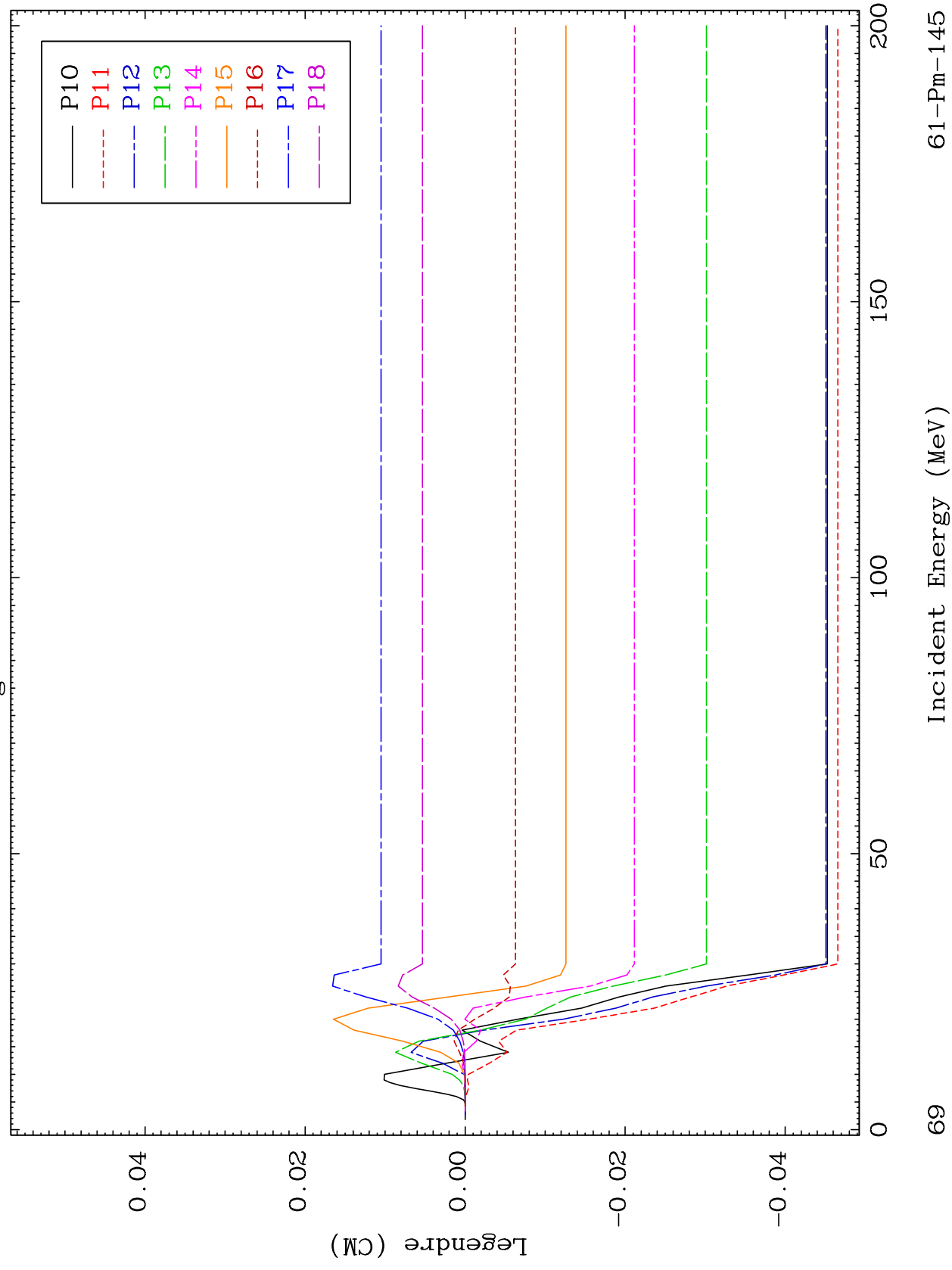


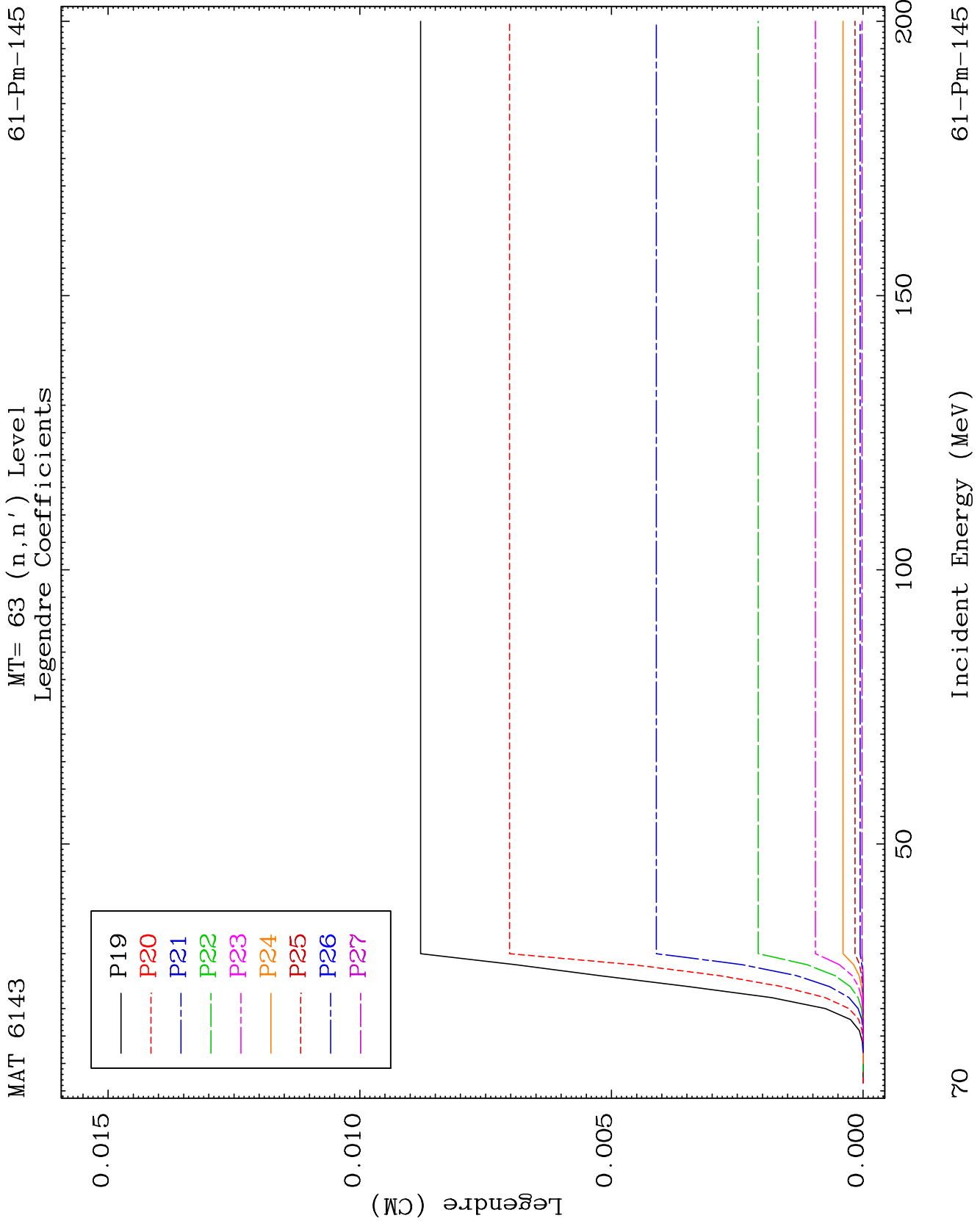


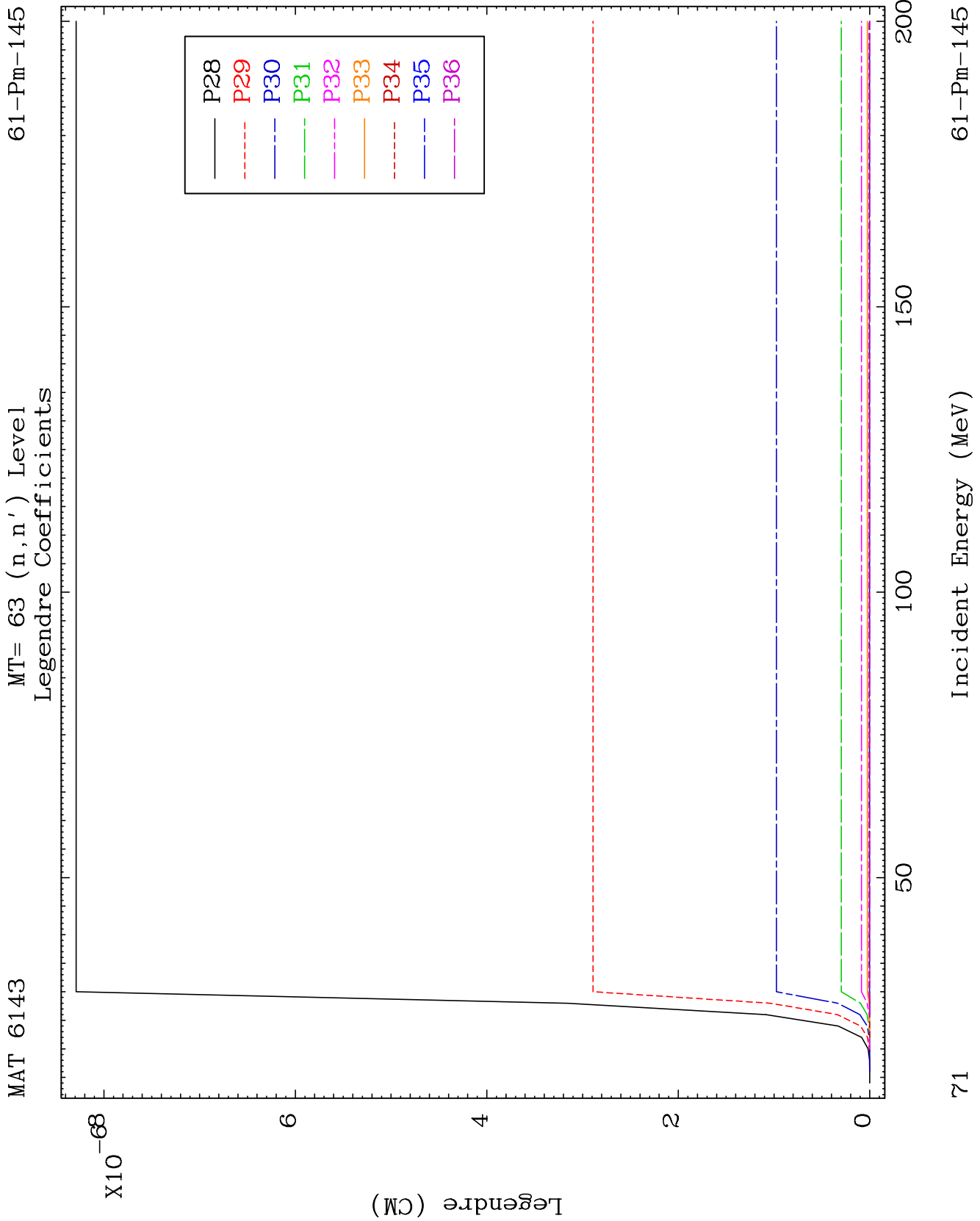
MAT 6143

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

61-Pm-145



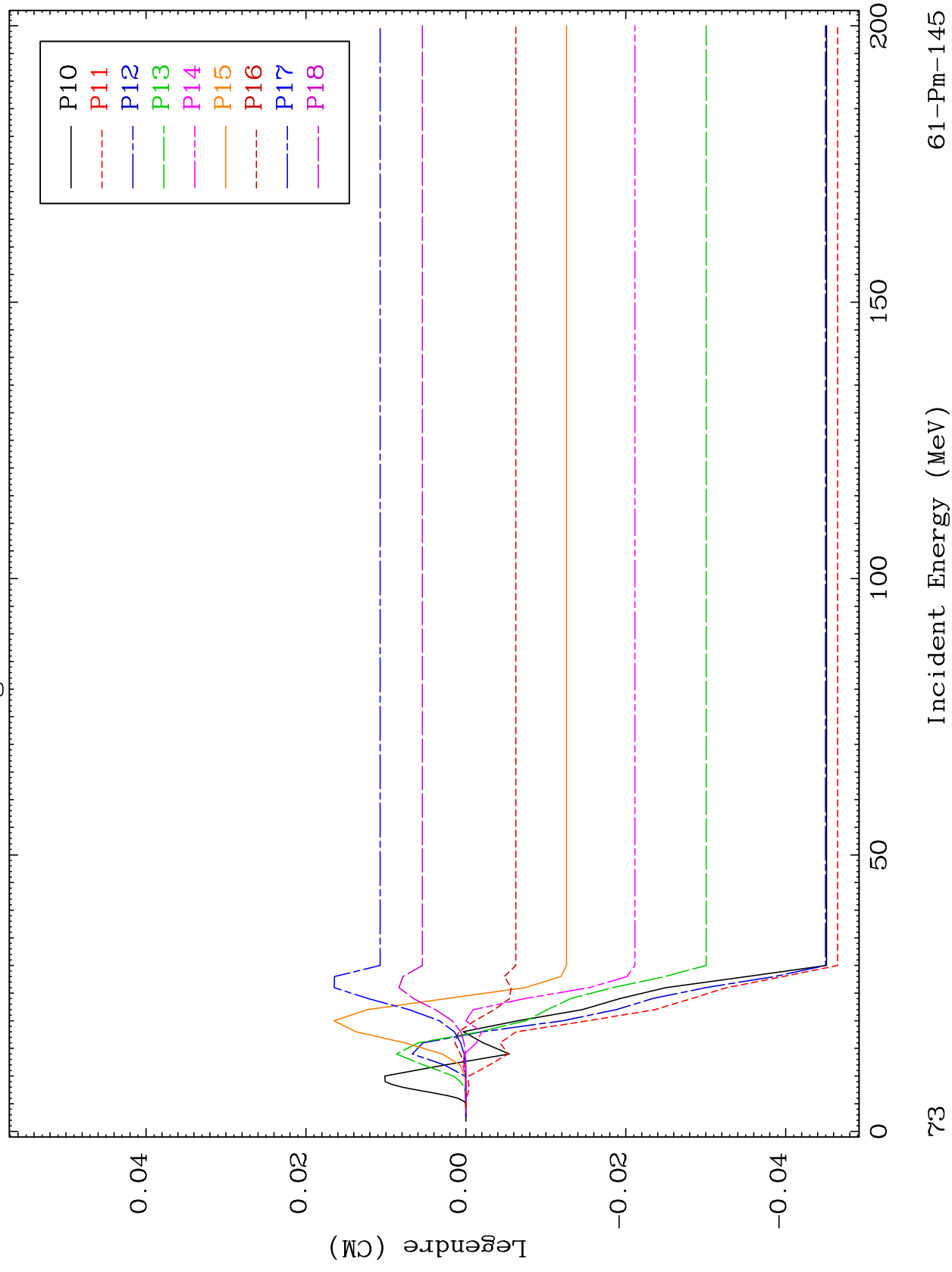


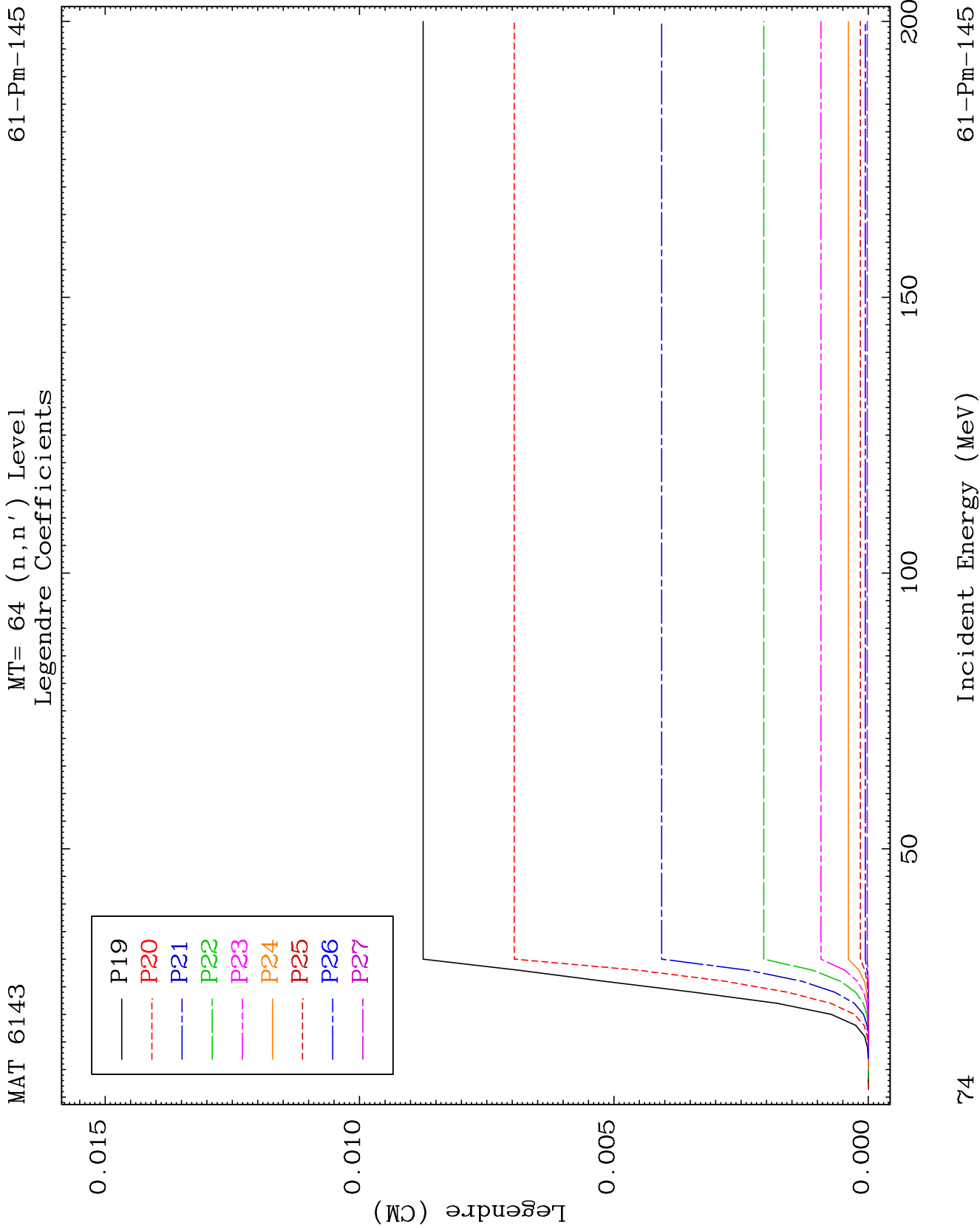


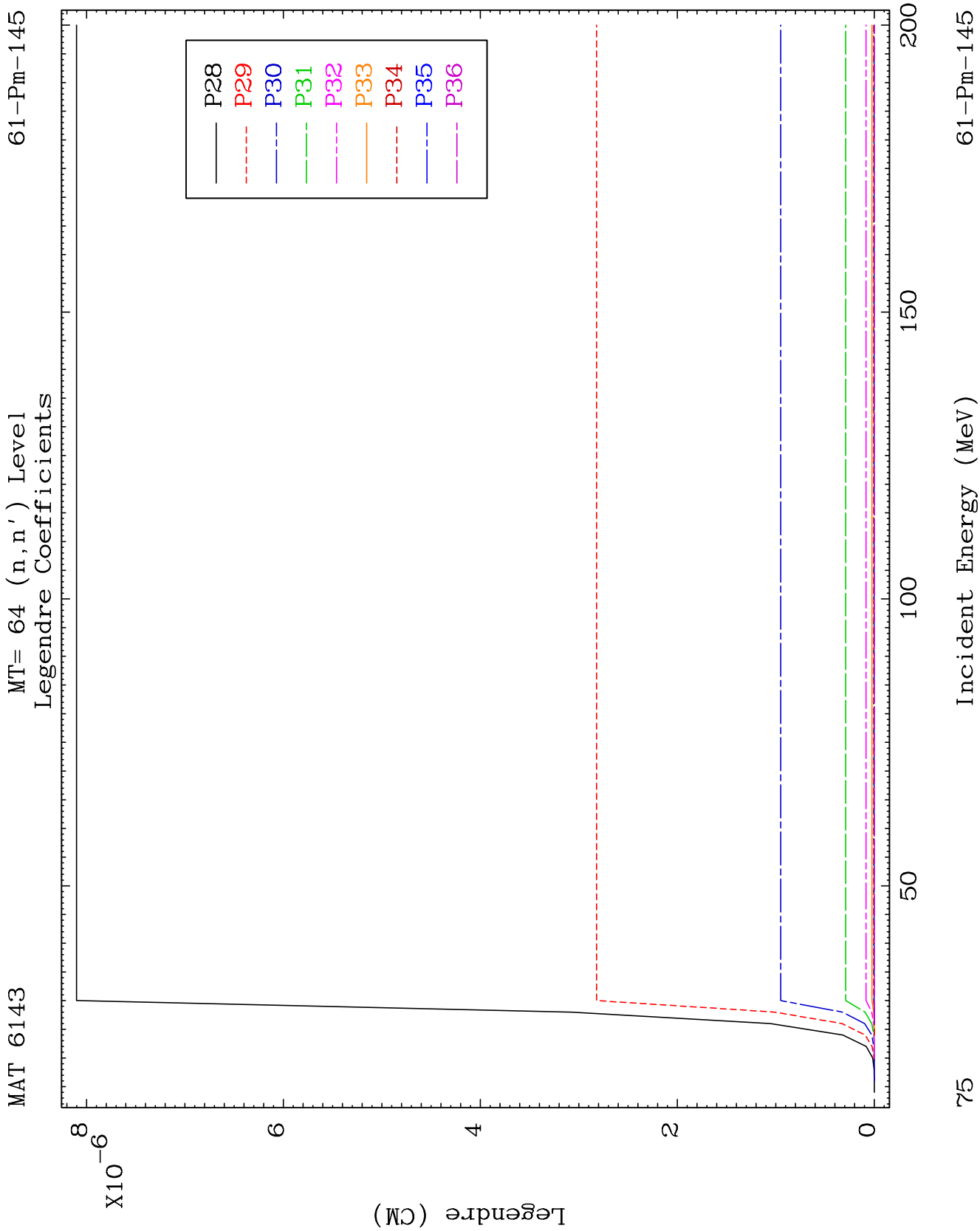
MAT 6143

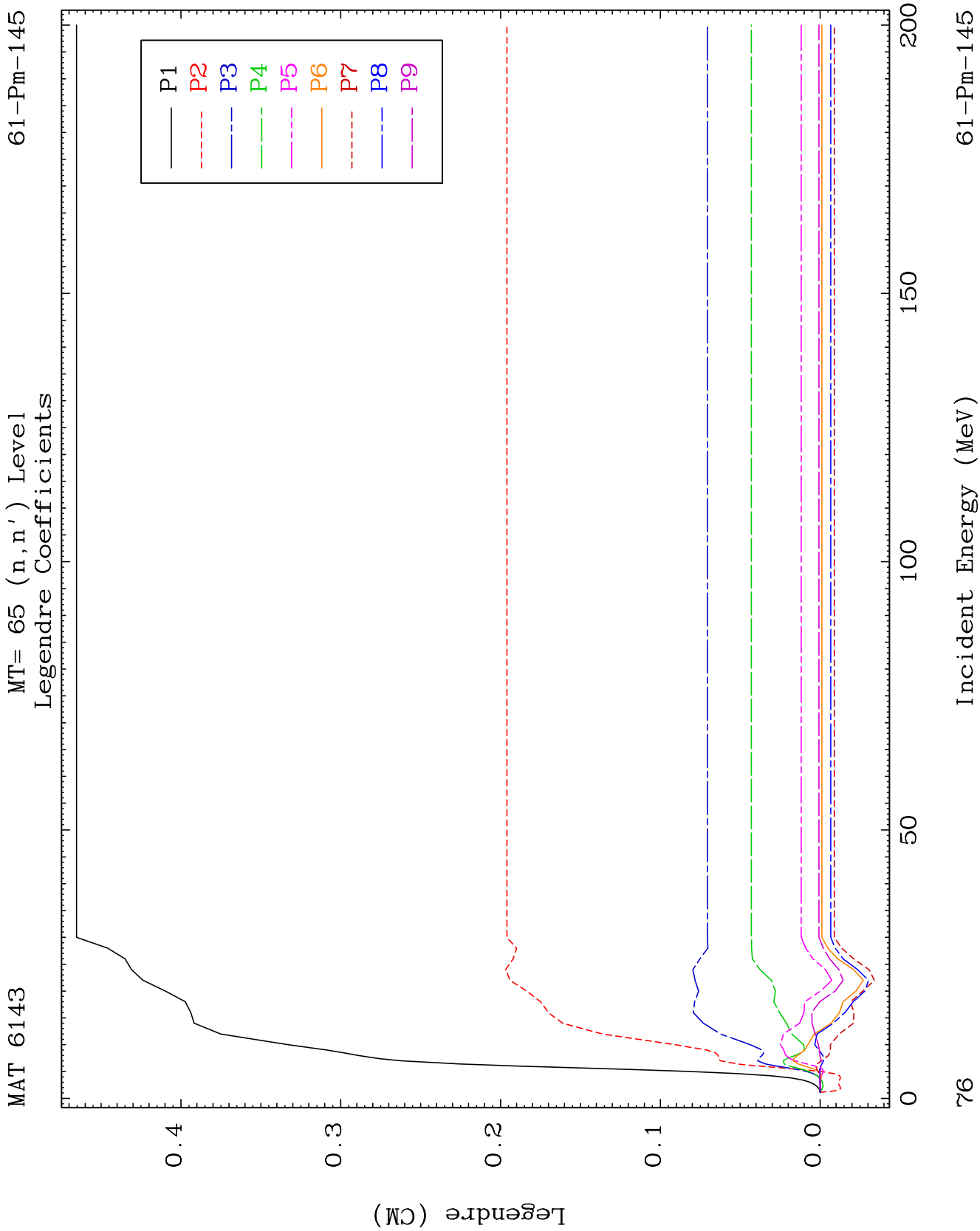
MT= 64 (n, n') Level
Legendre Coefficients

61-Pm-145





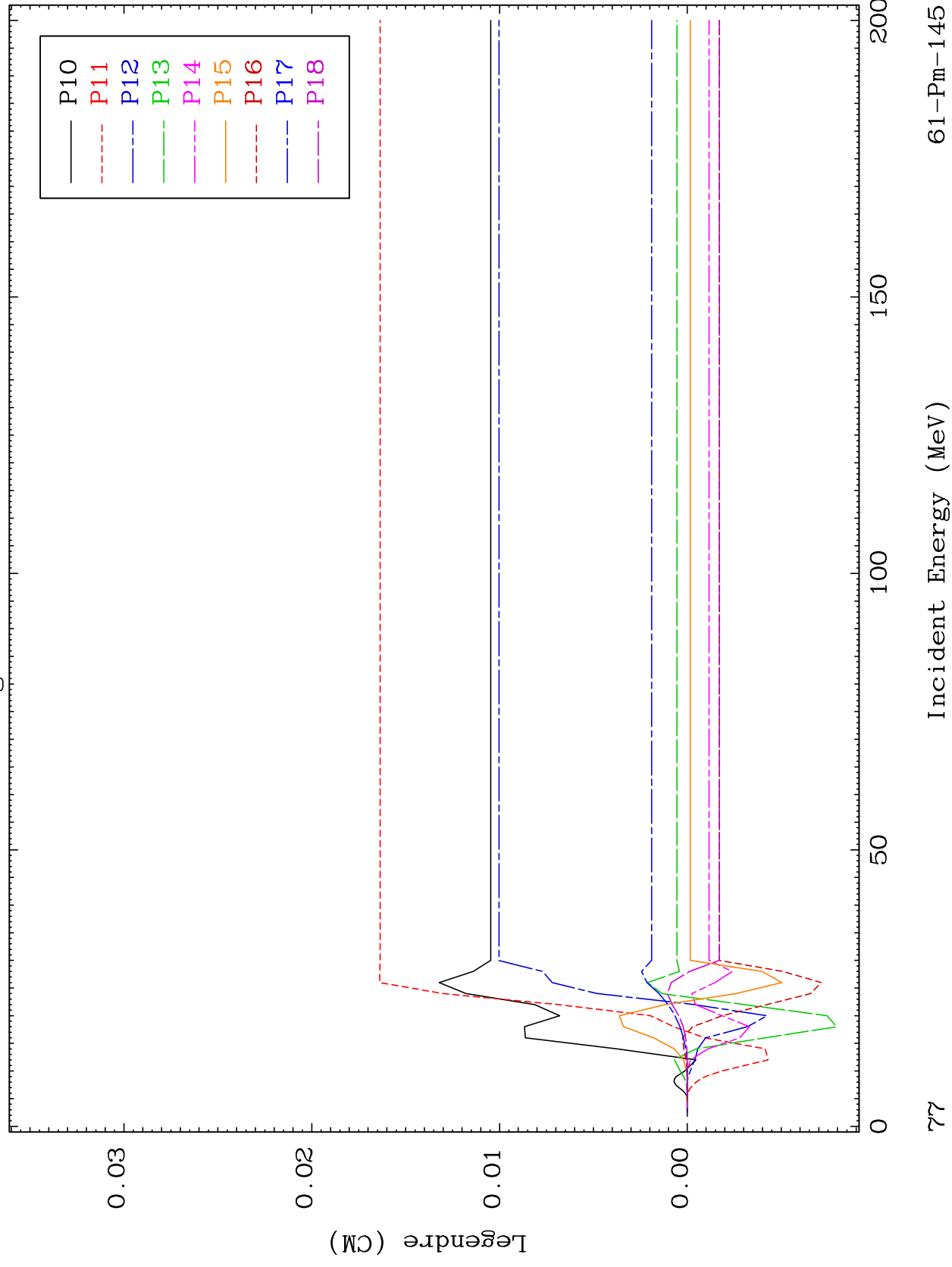


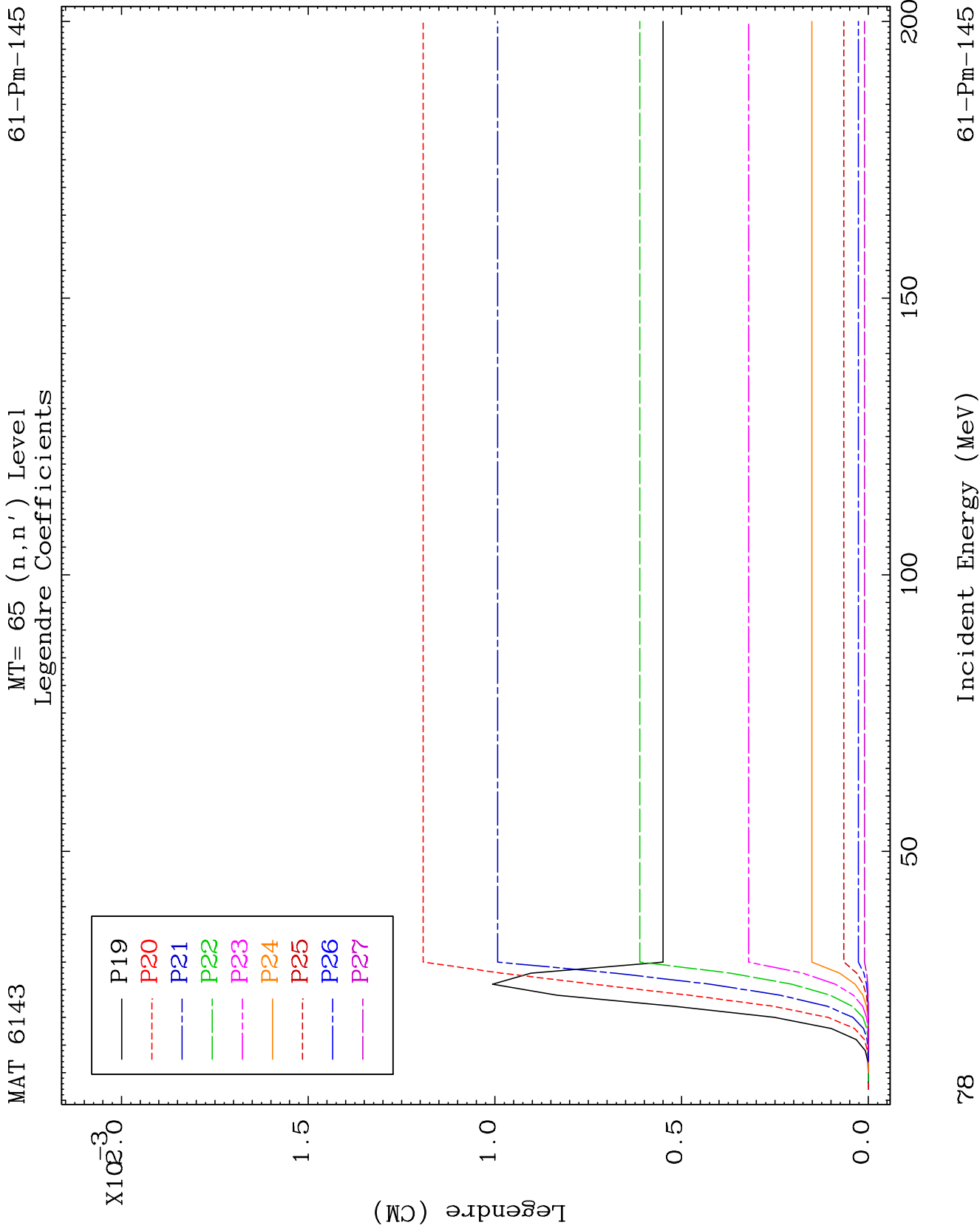


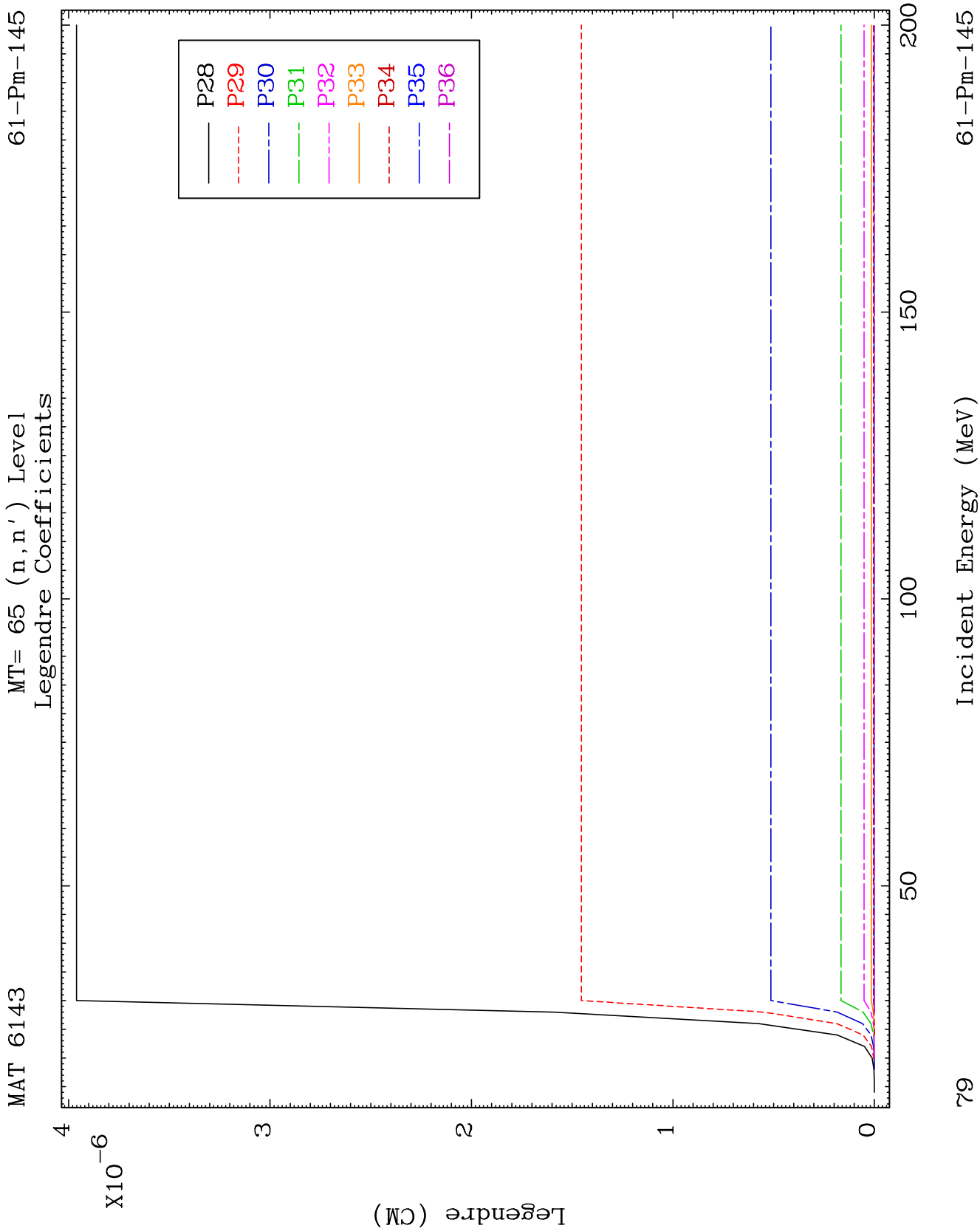
MAT 6143

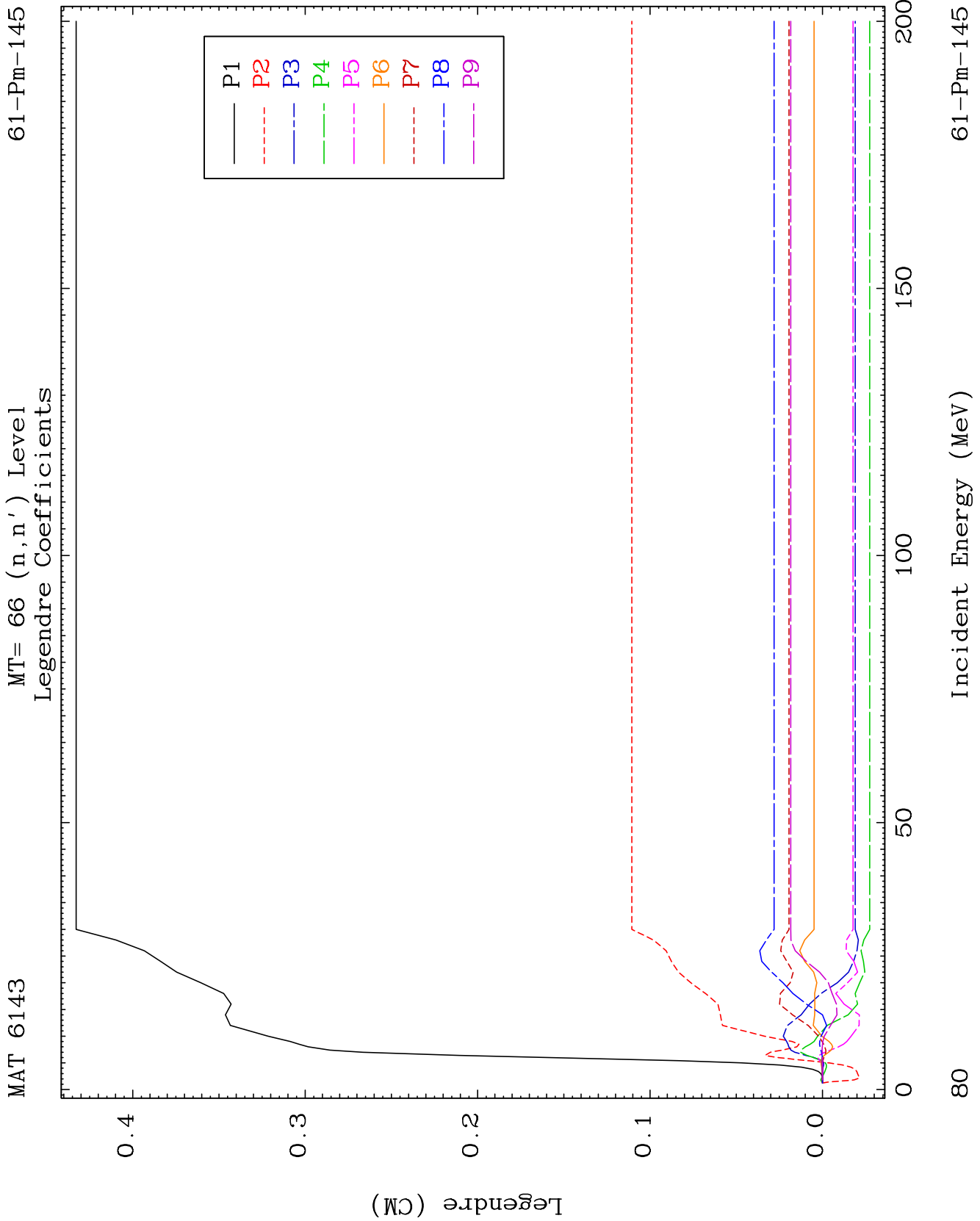
MT= 65 (n, n') Level
Legendre Coefficients

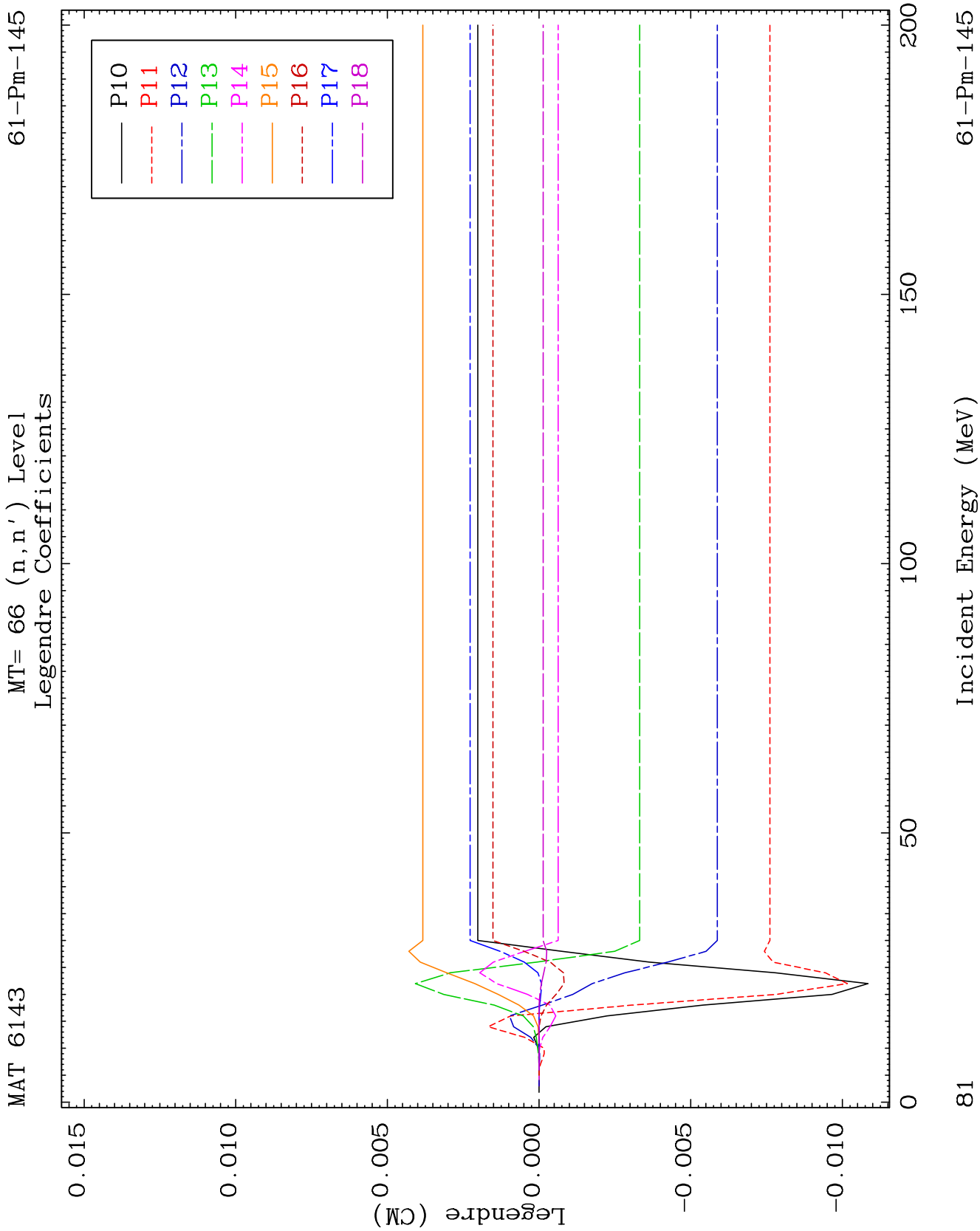
61-Pm-145

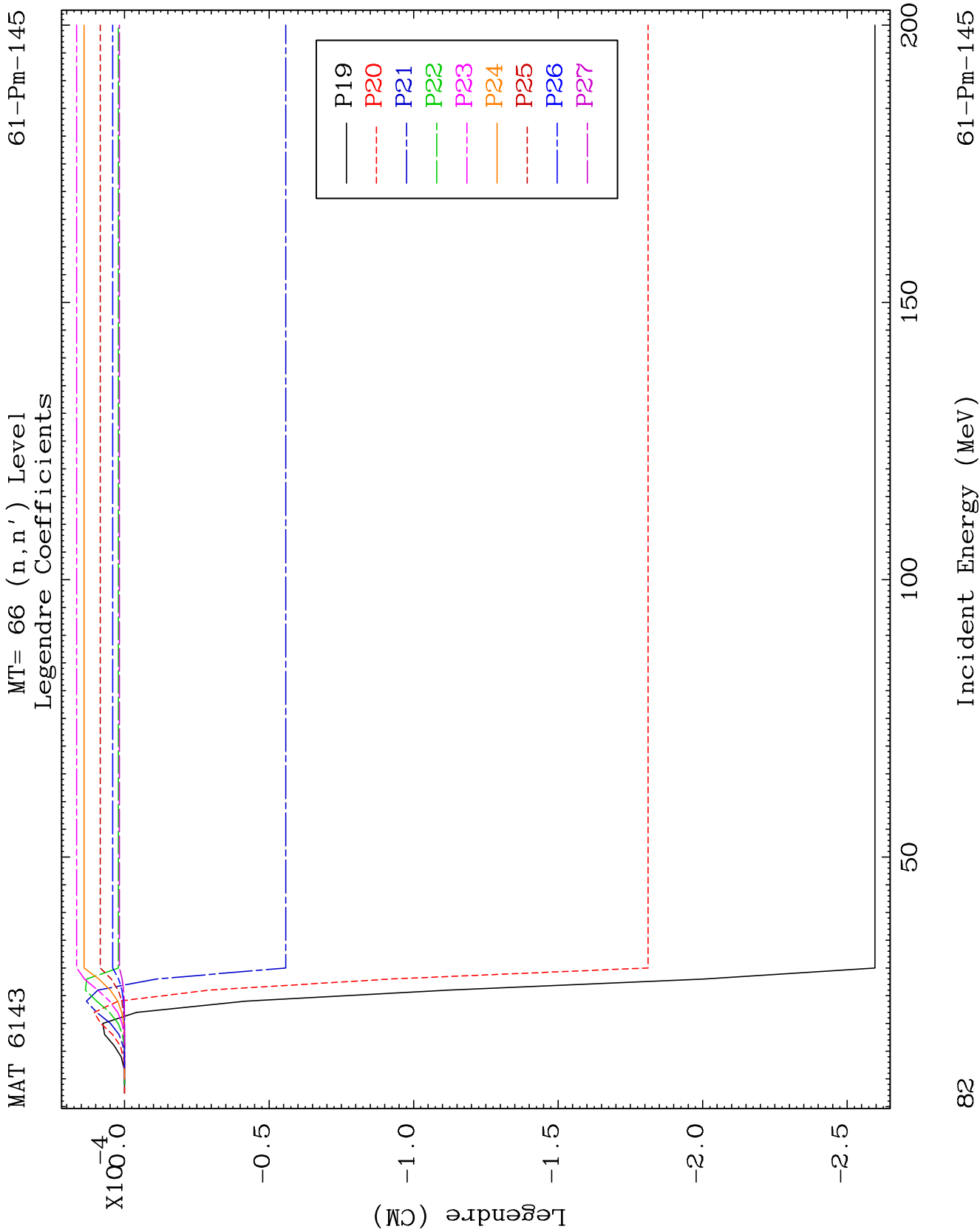


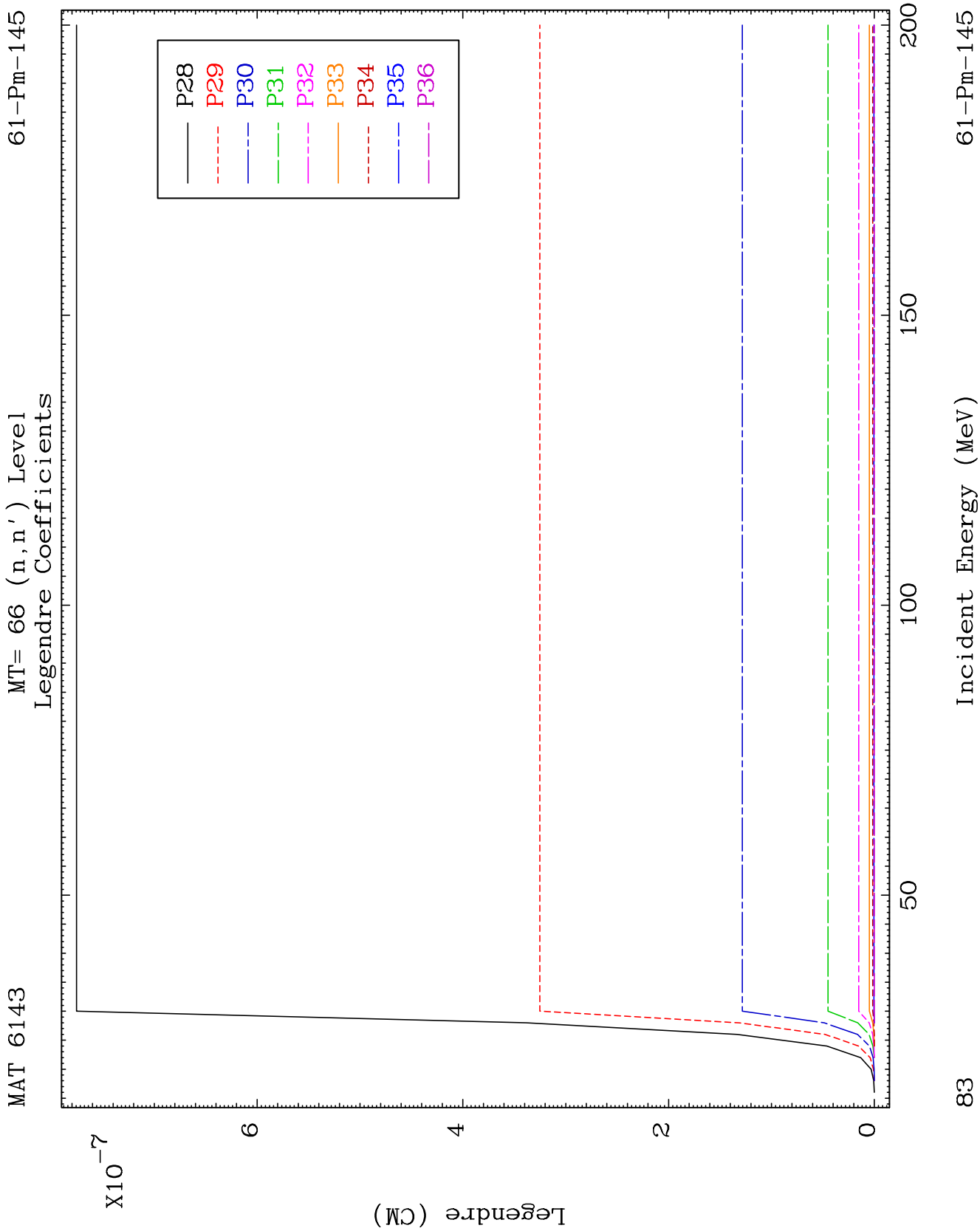


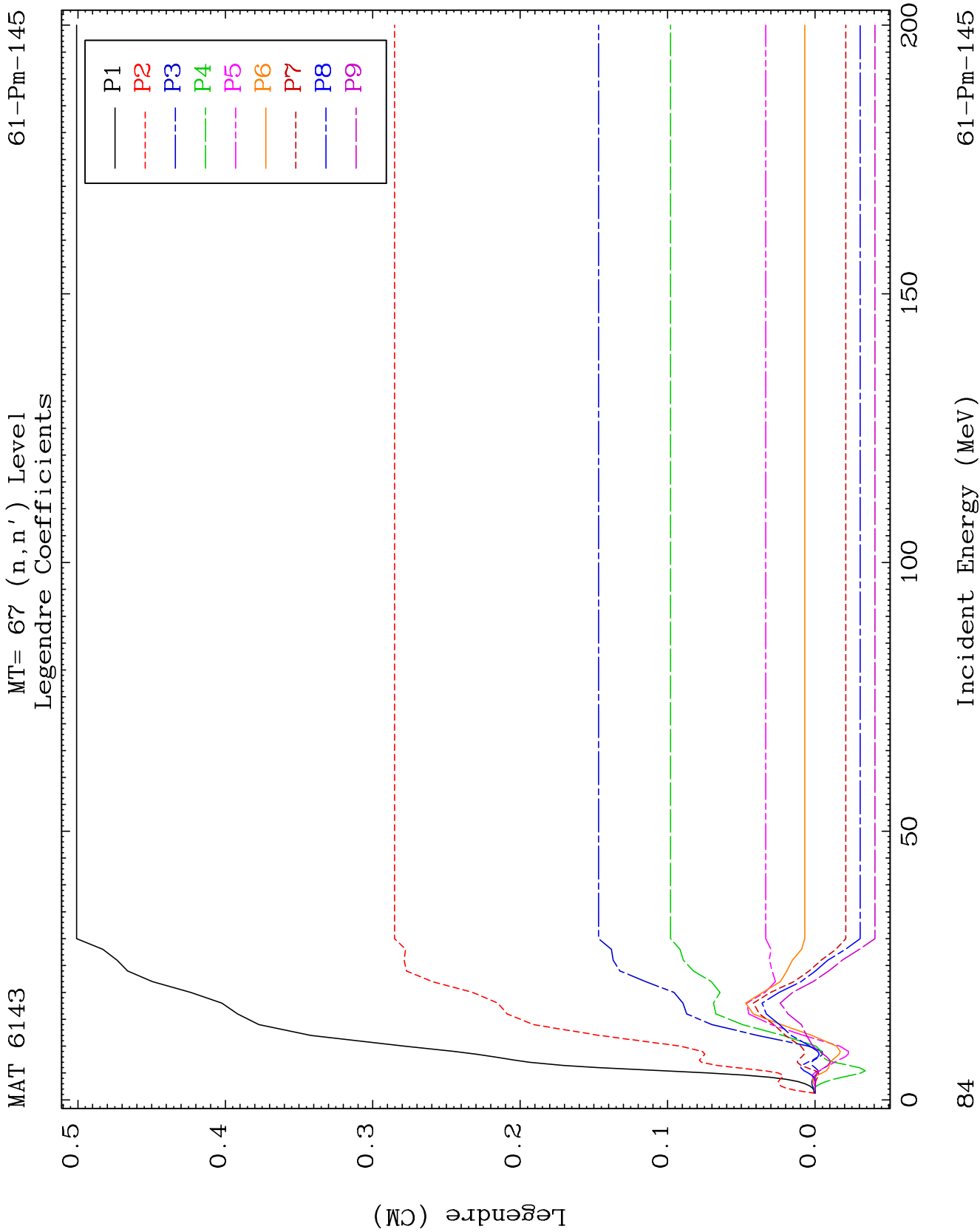








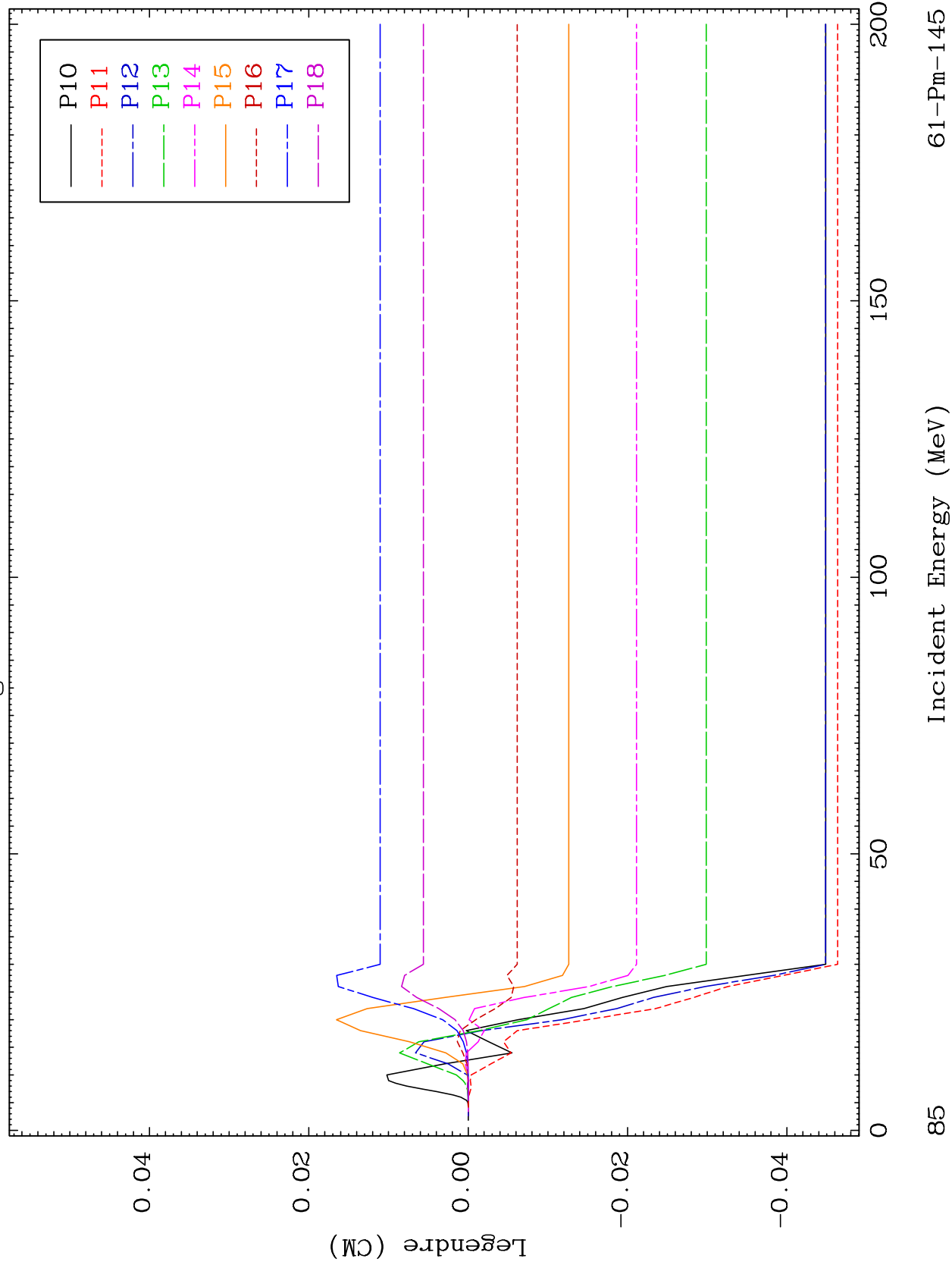




MAT 6143

MT= 67 (n, n') Level
Legendre Coefficients

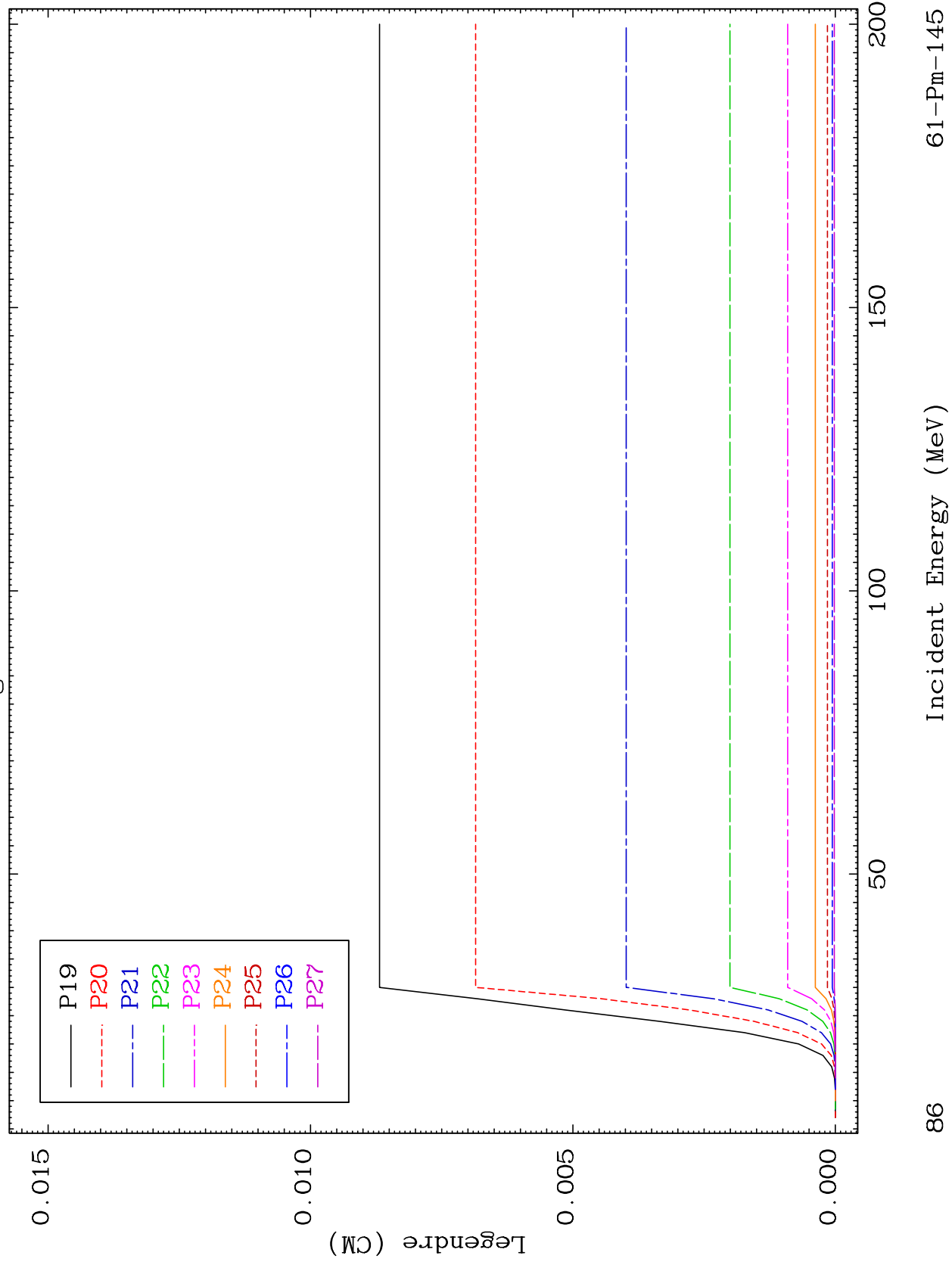
61-Pm-145

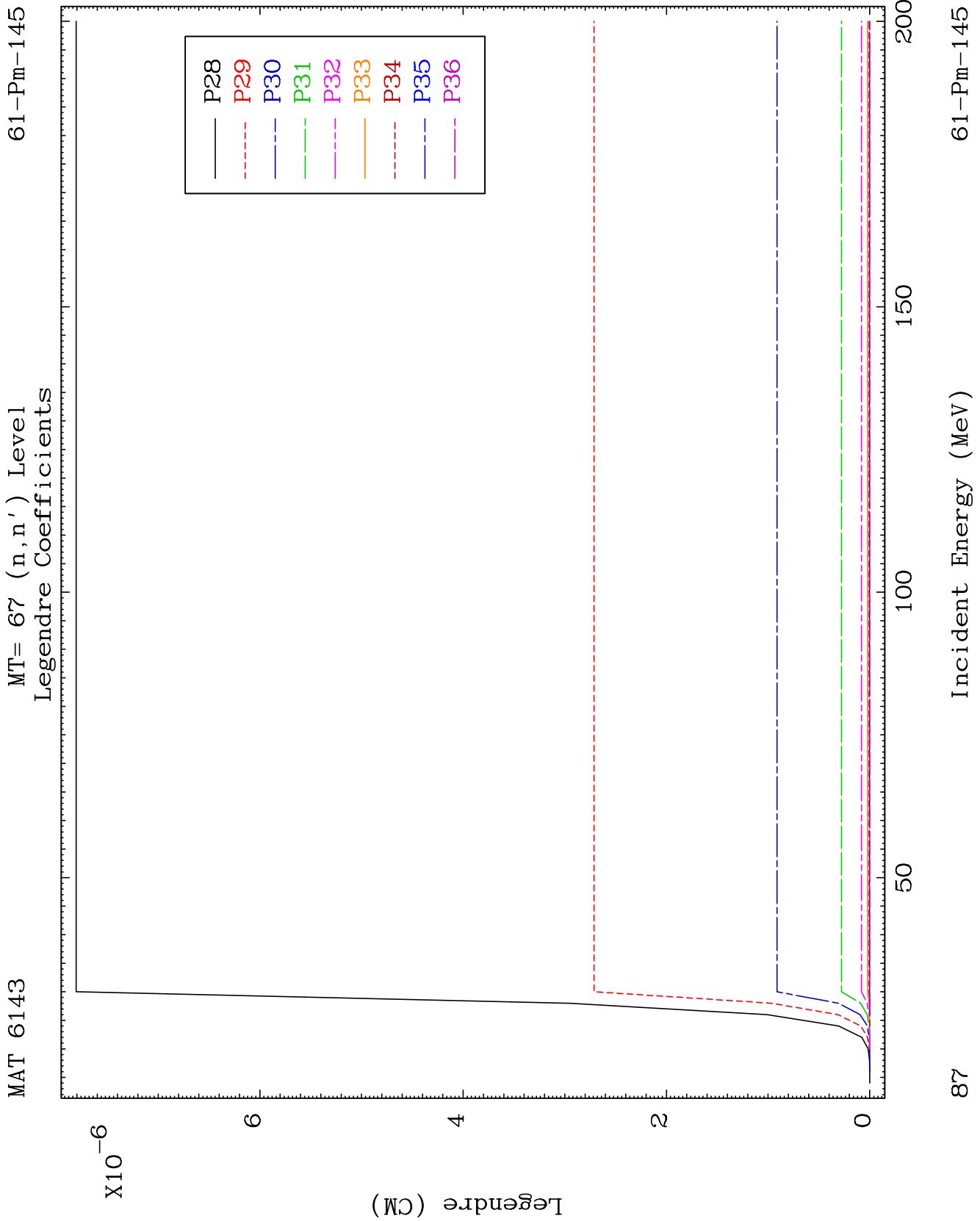


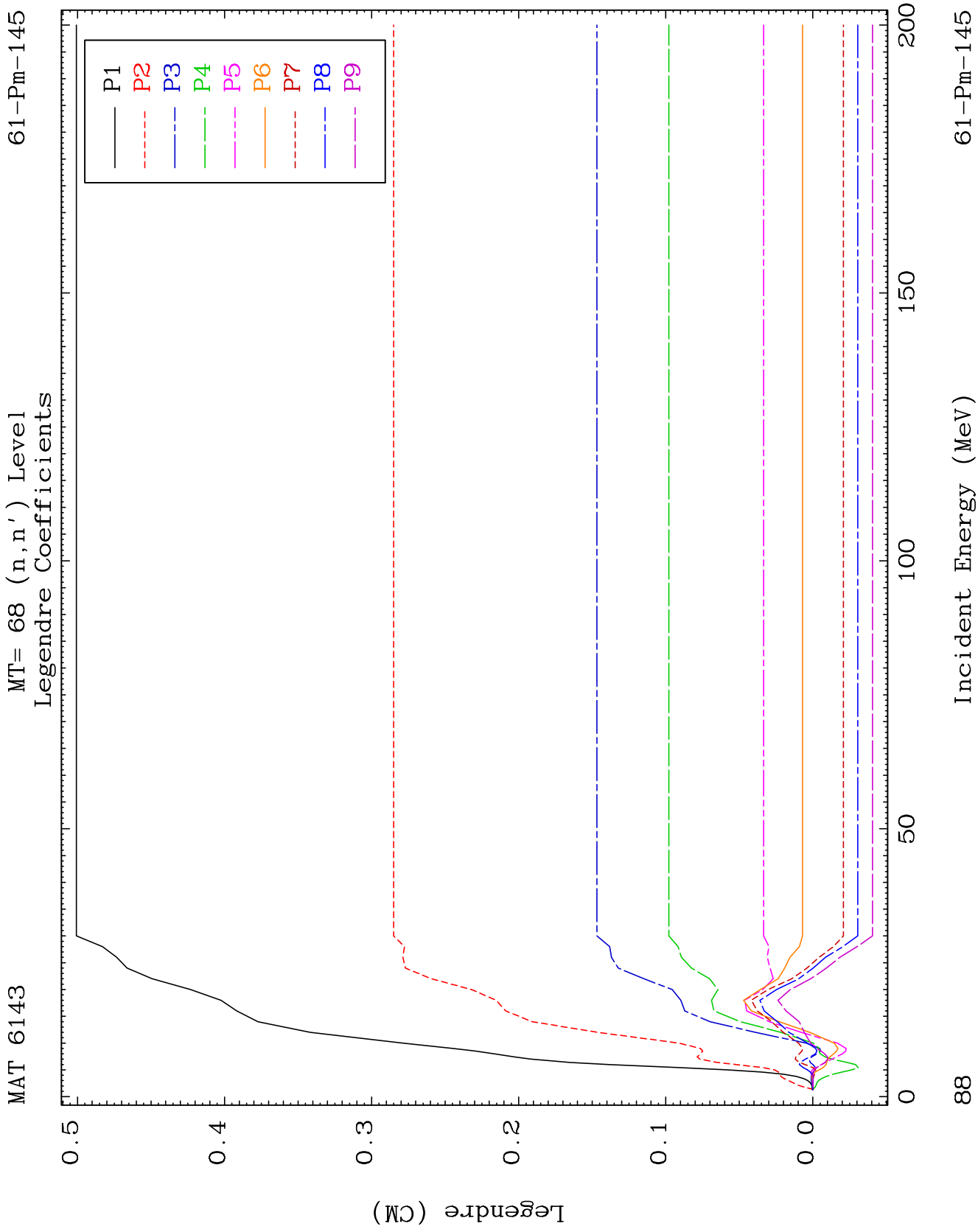
MAT 6143

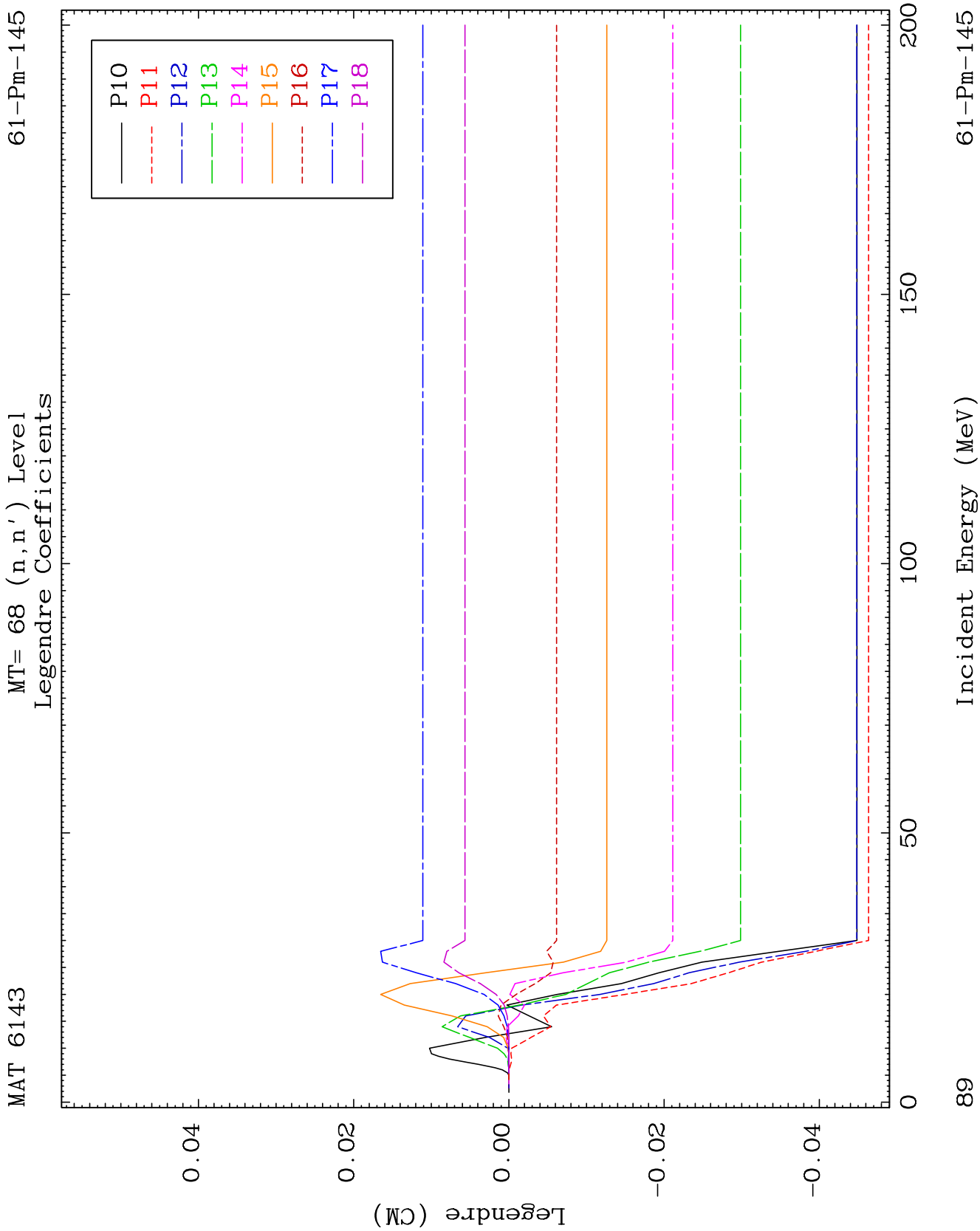
MT= 67 (n, n') Level
Legendre Coefficients

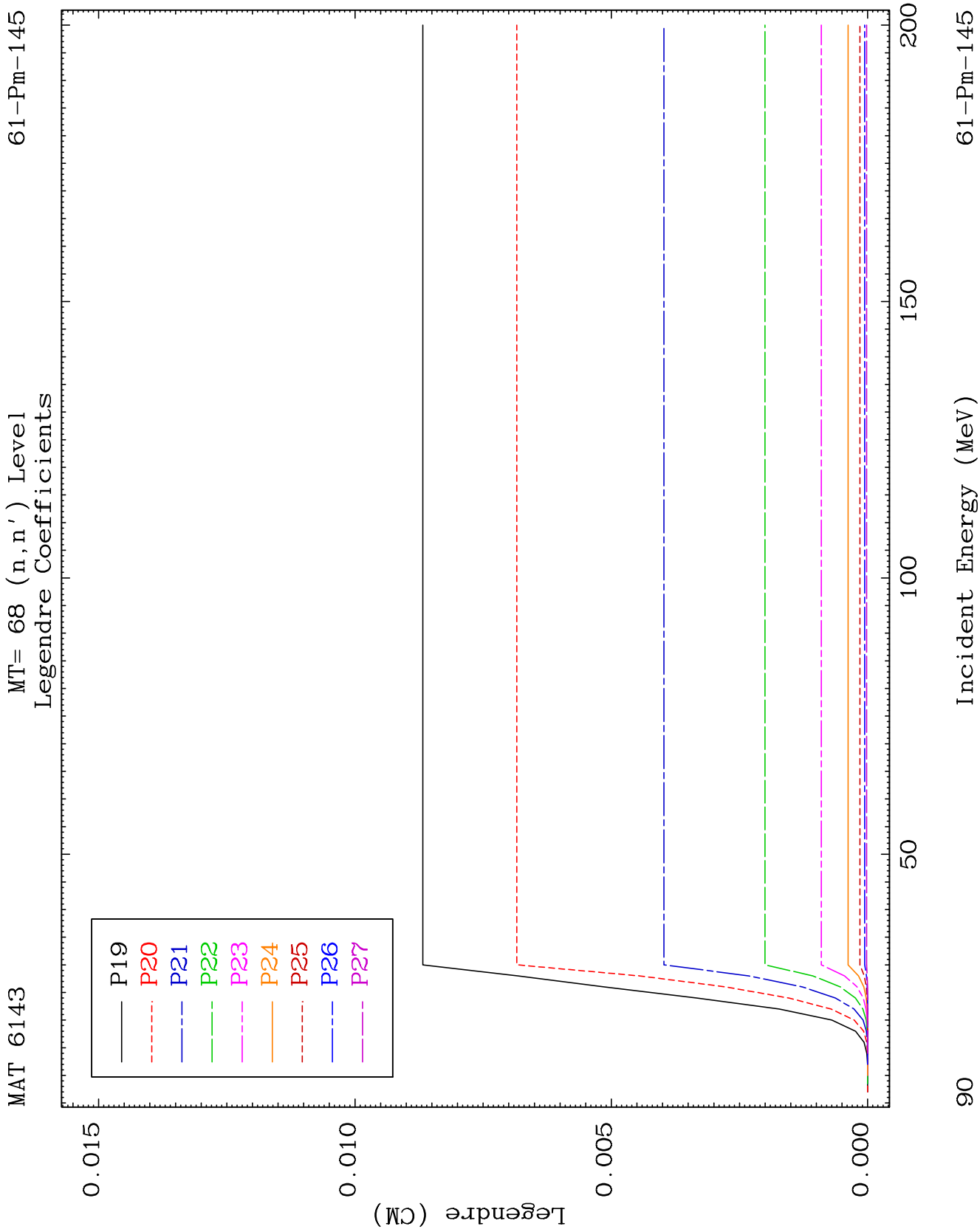
61-Pm-145

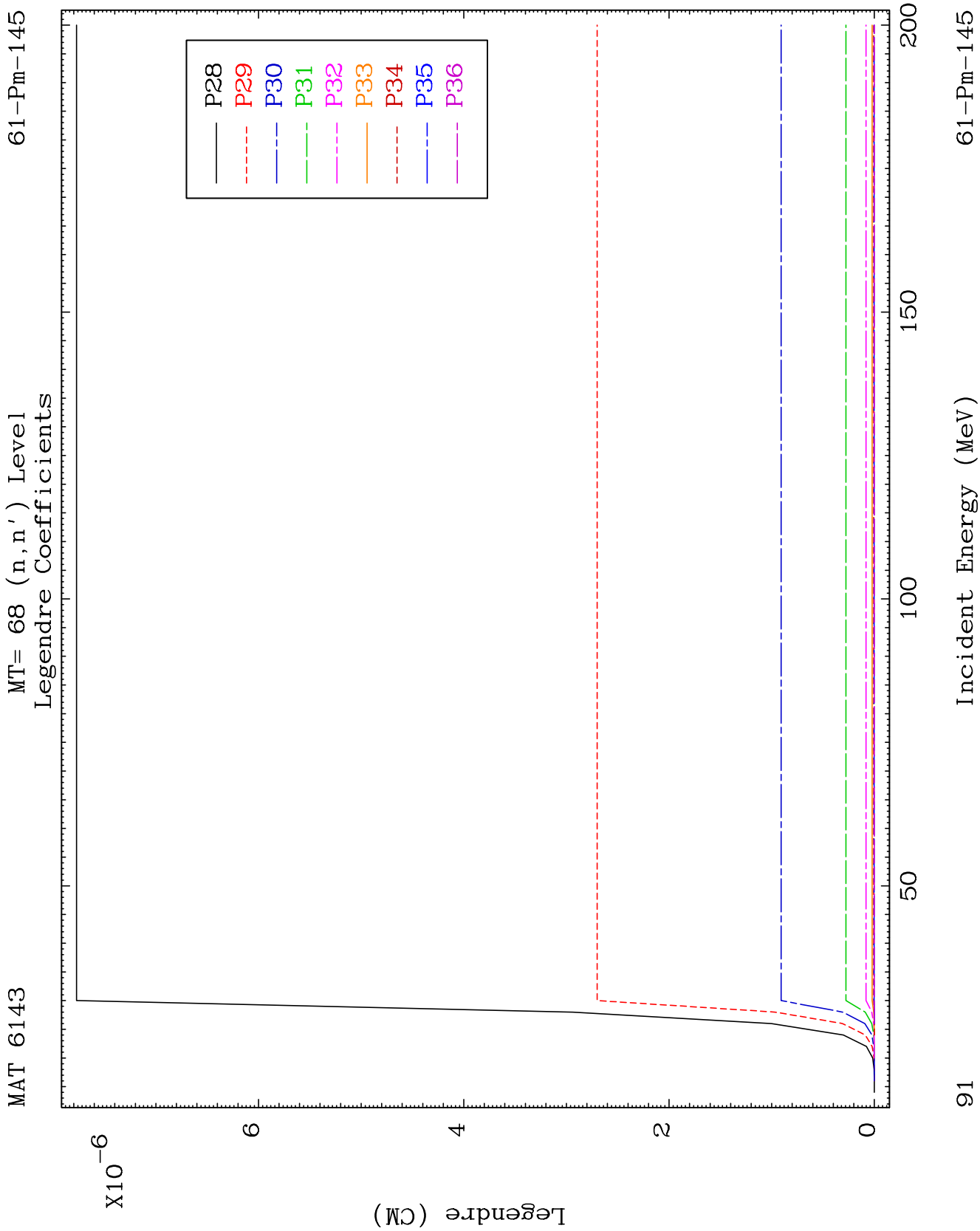








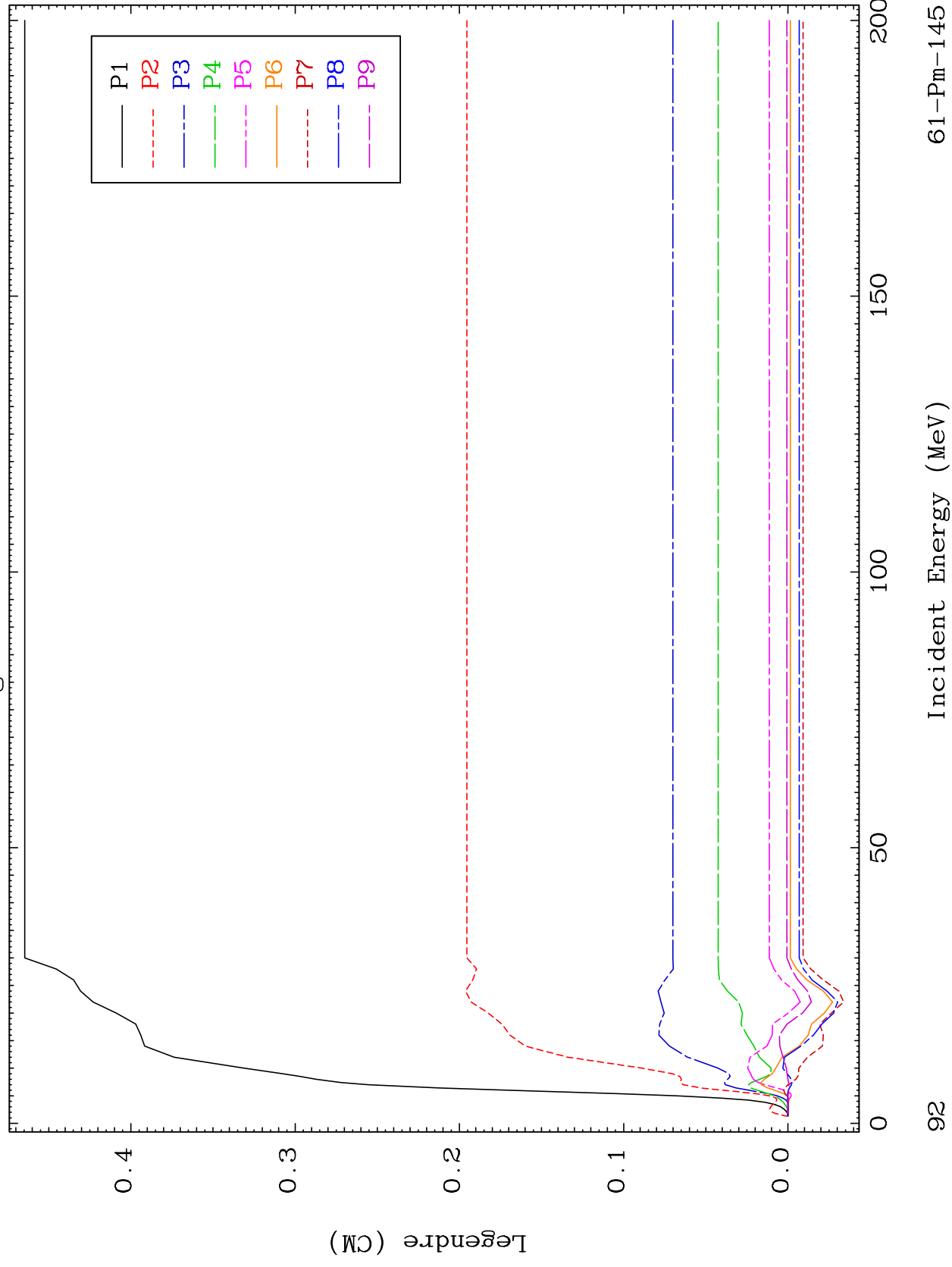




MAT 6143

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

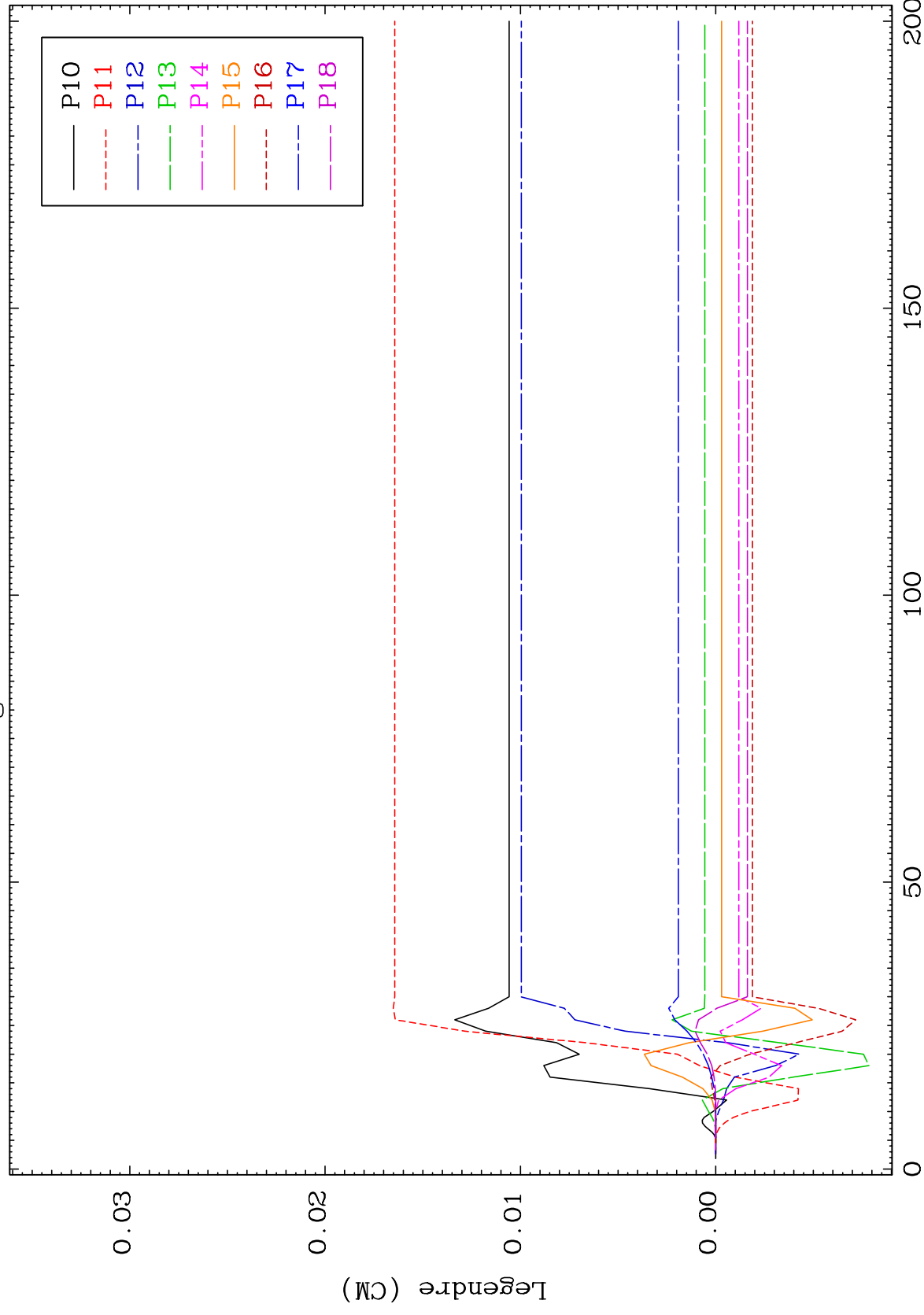
61-Pm-145



MAT 6143

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

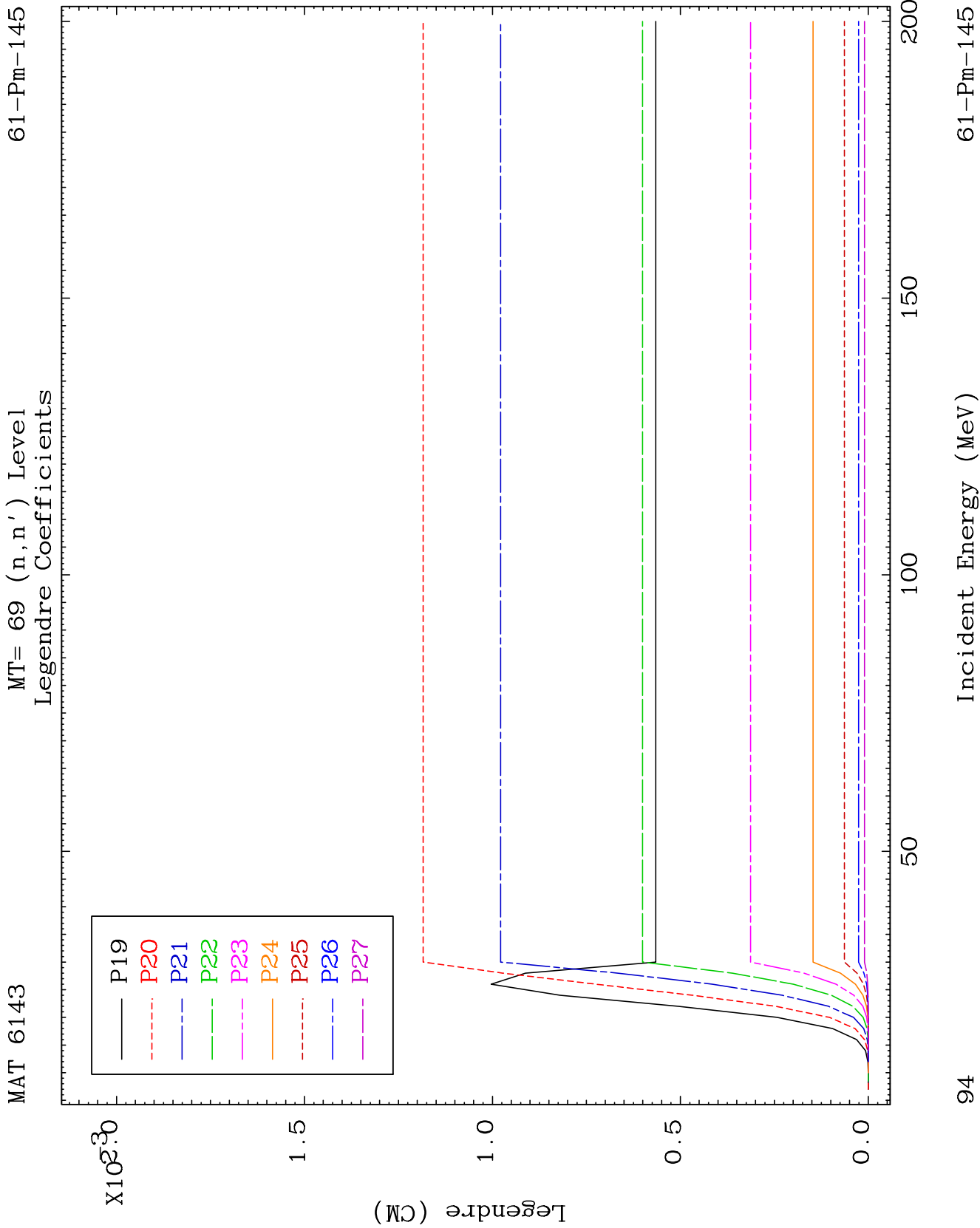
61-Pm-145

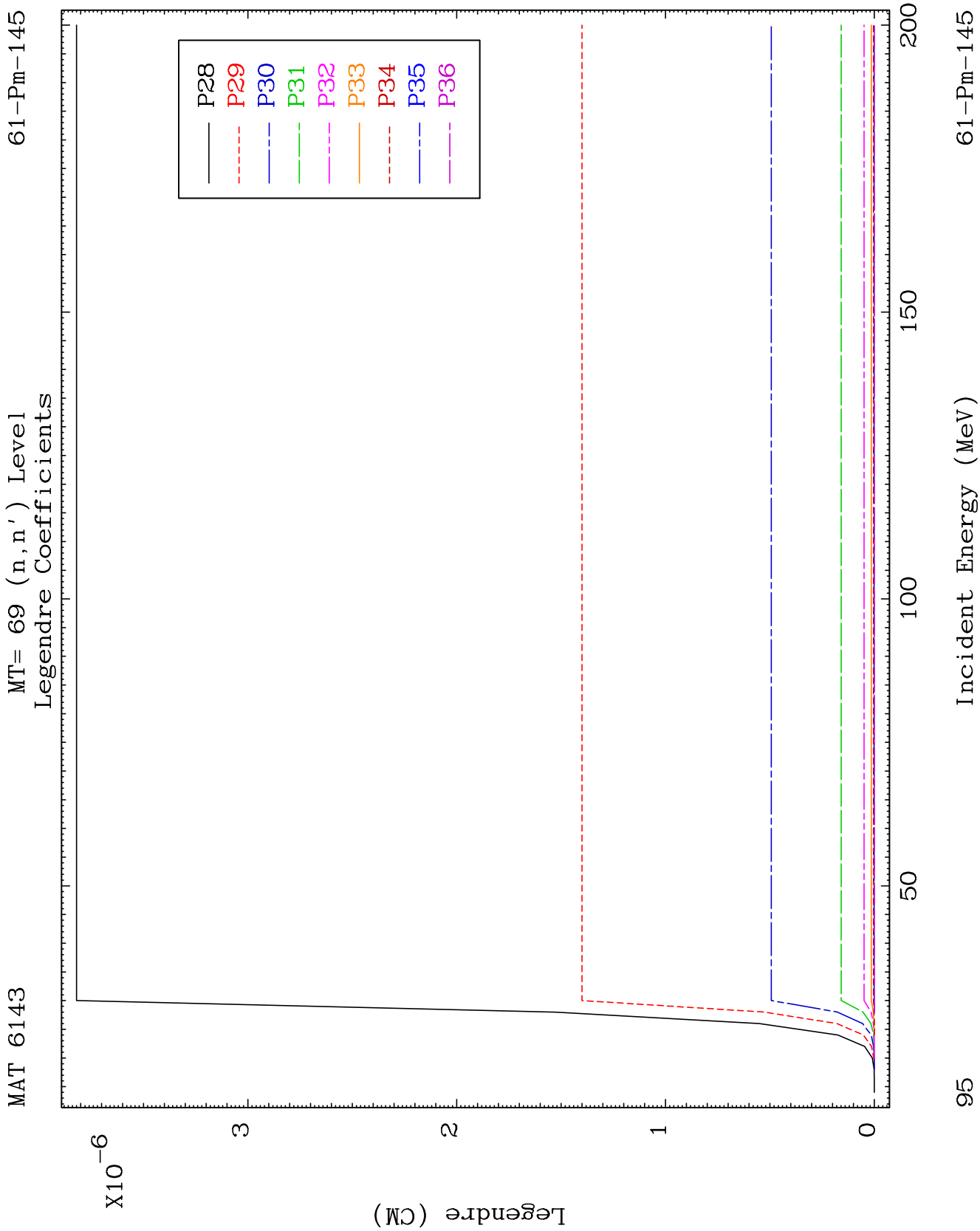


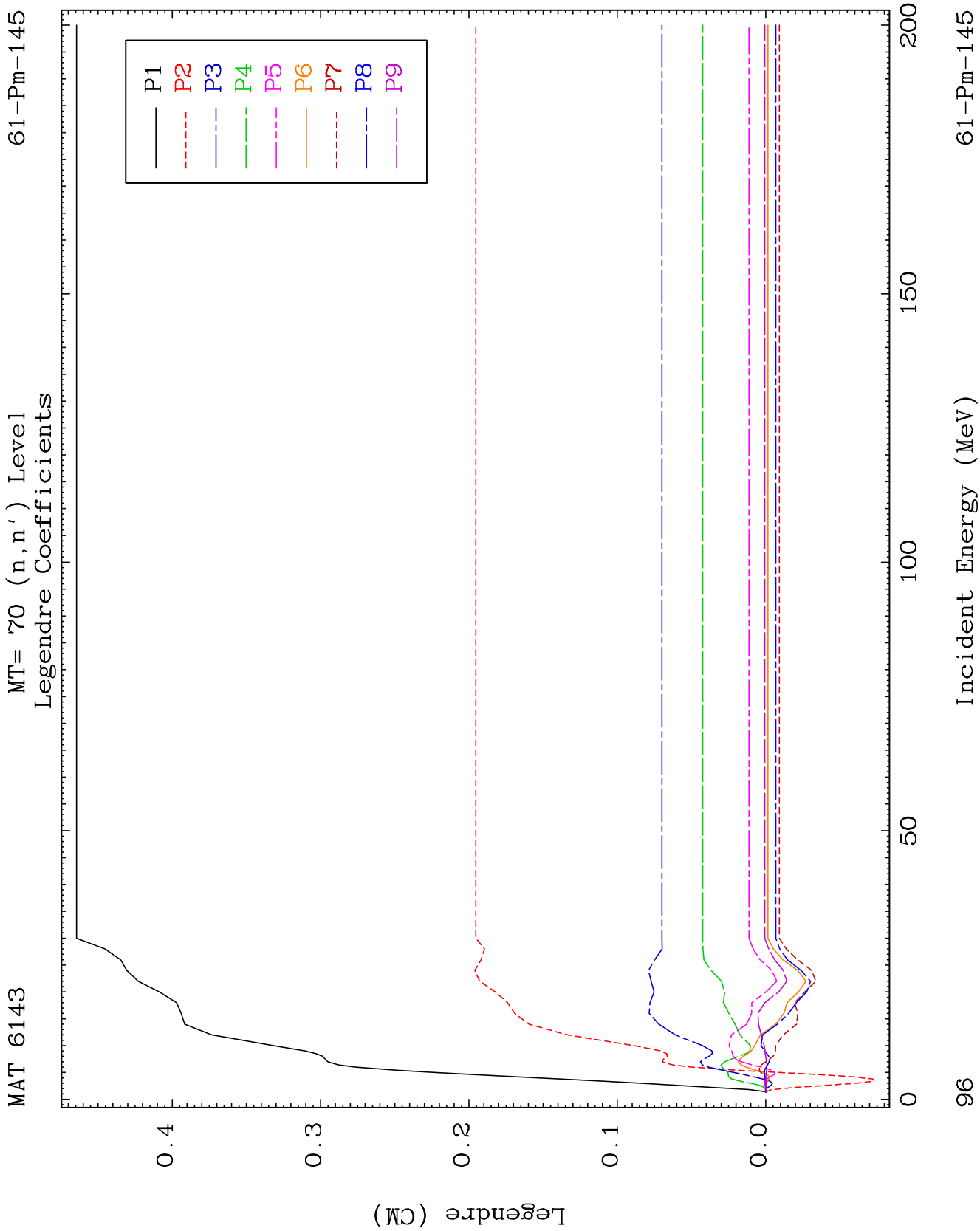
39

Incident Energy (MeV)

61-Pm-145



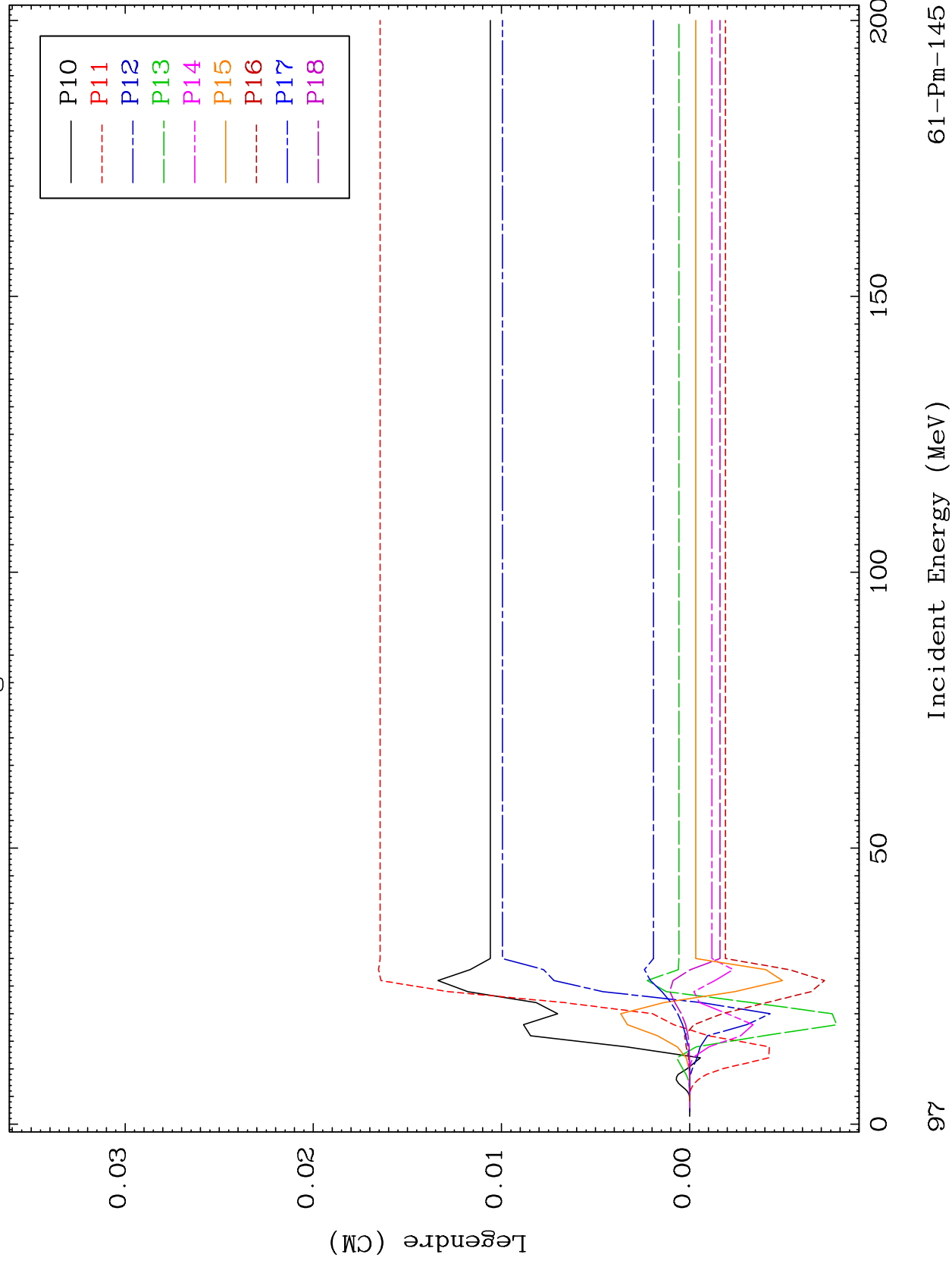


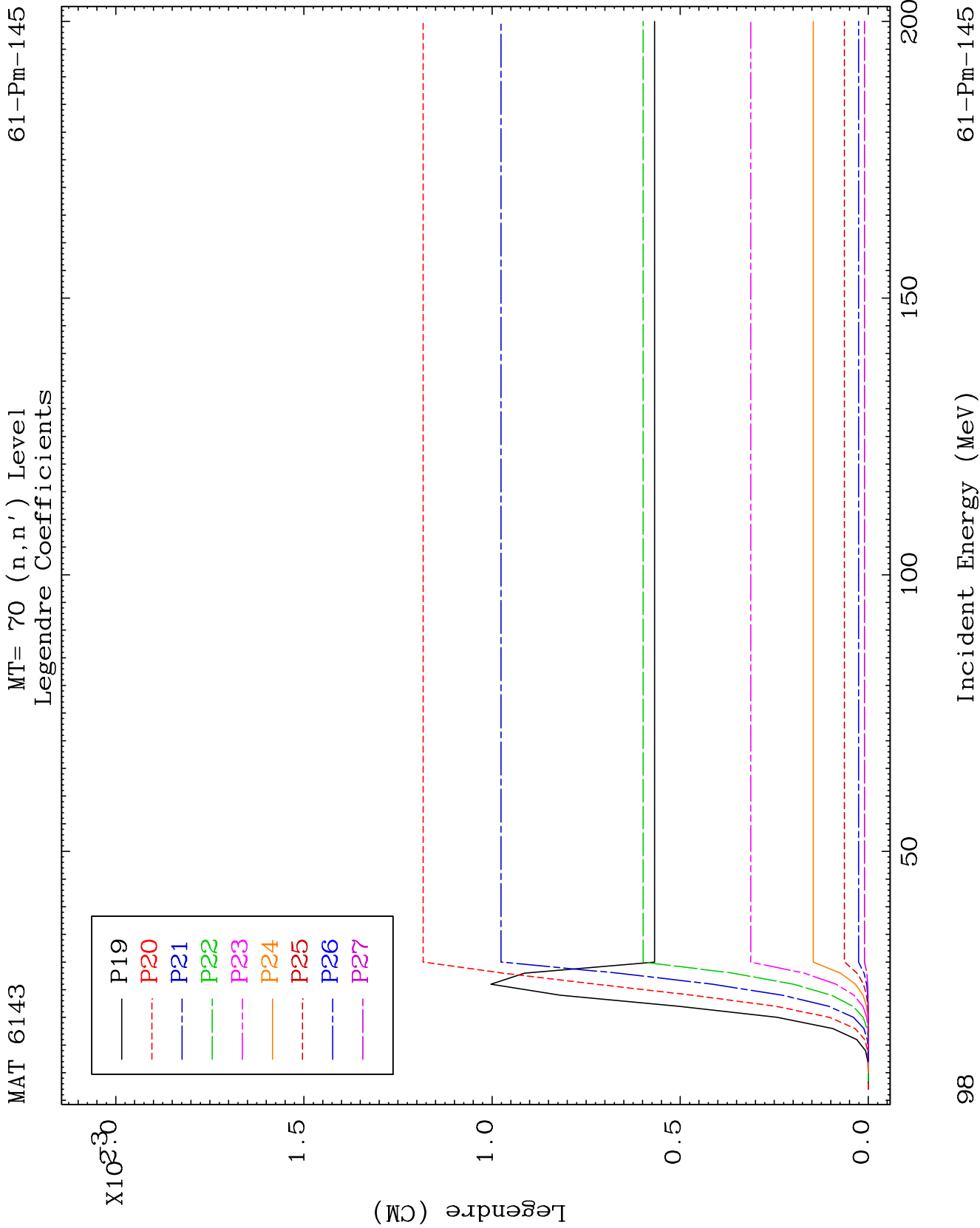


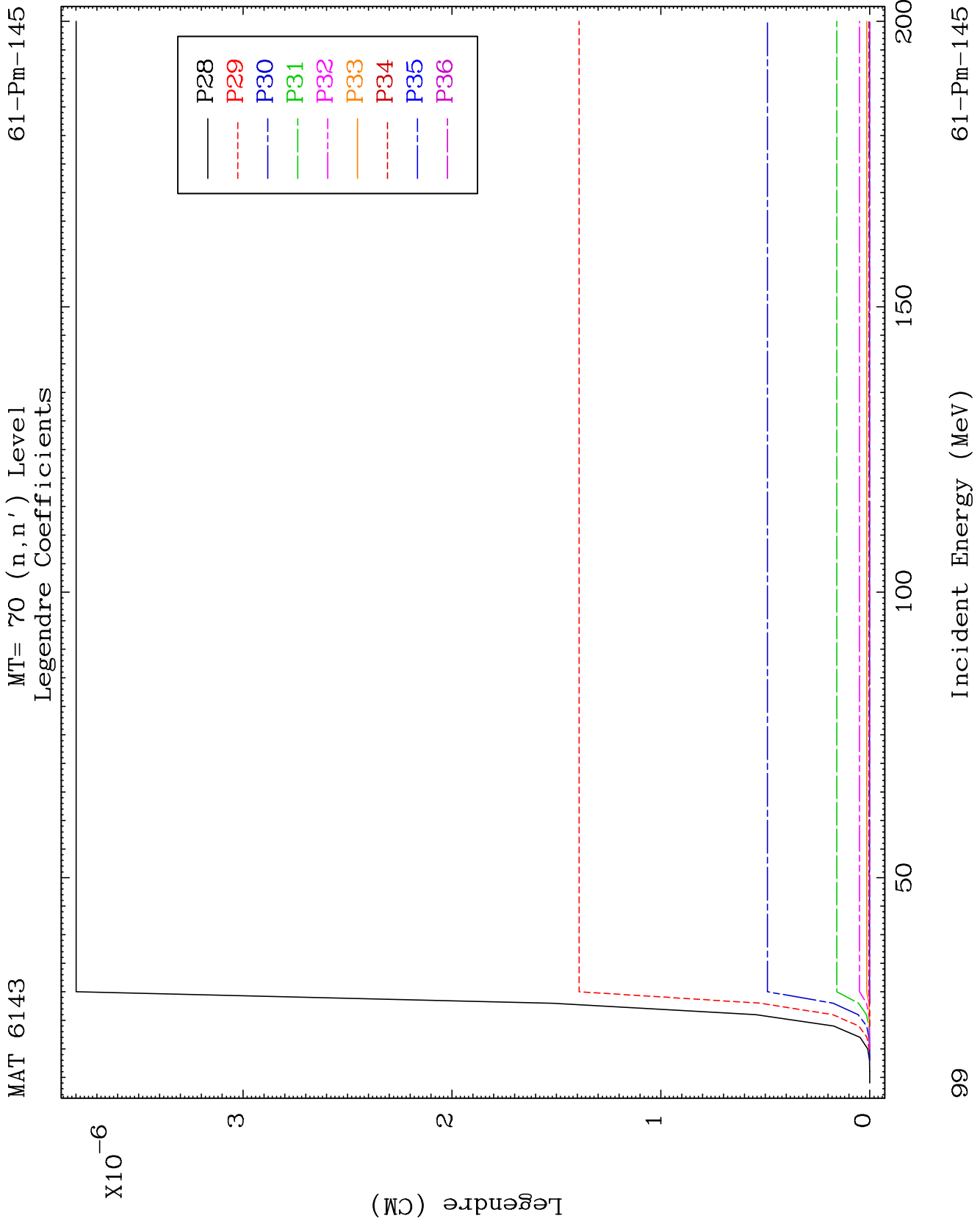
MAT 6143

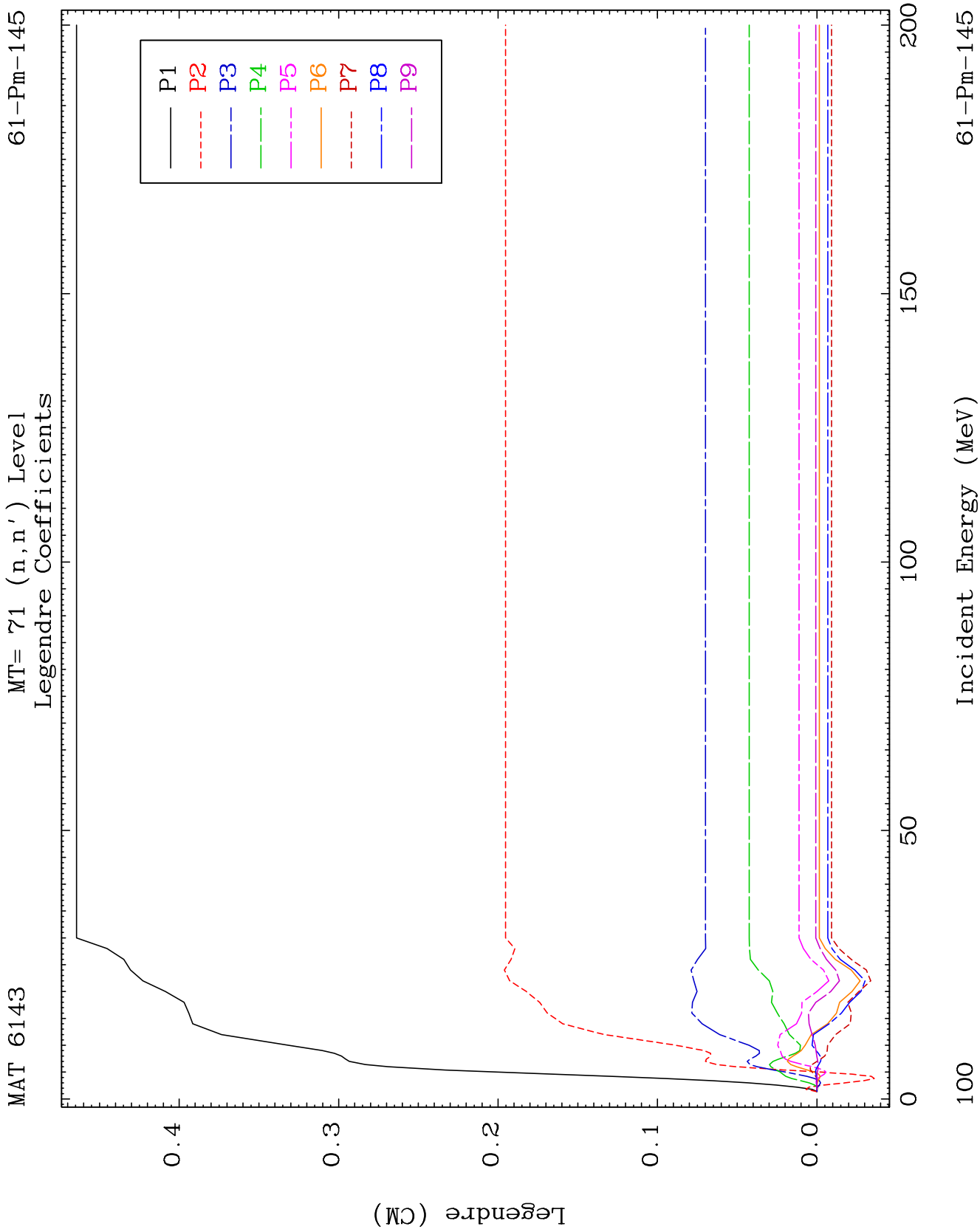
MT= 70 (n, n') Level
Legendre Coefficients

61-Pm-145





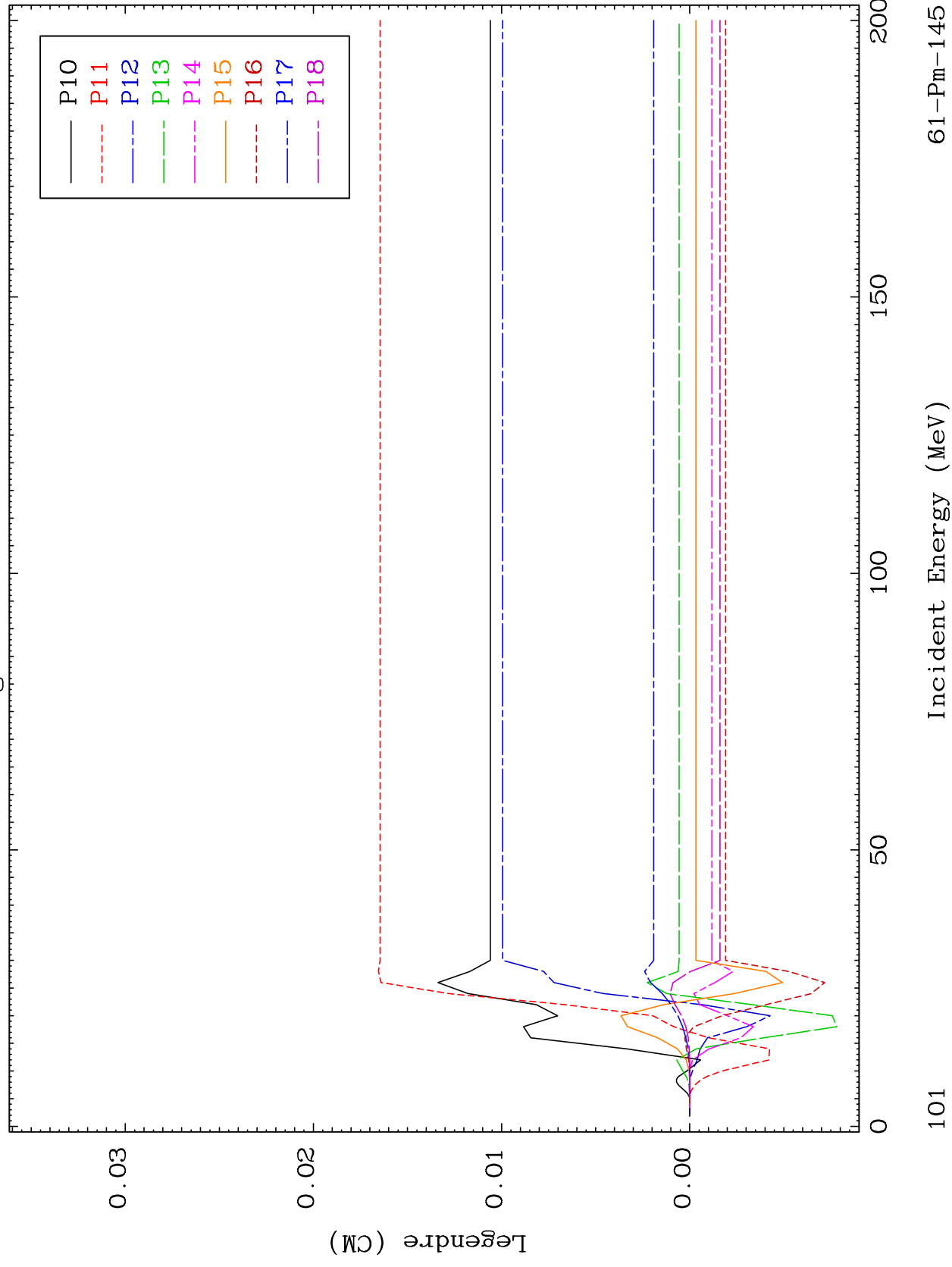


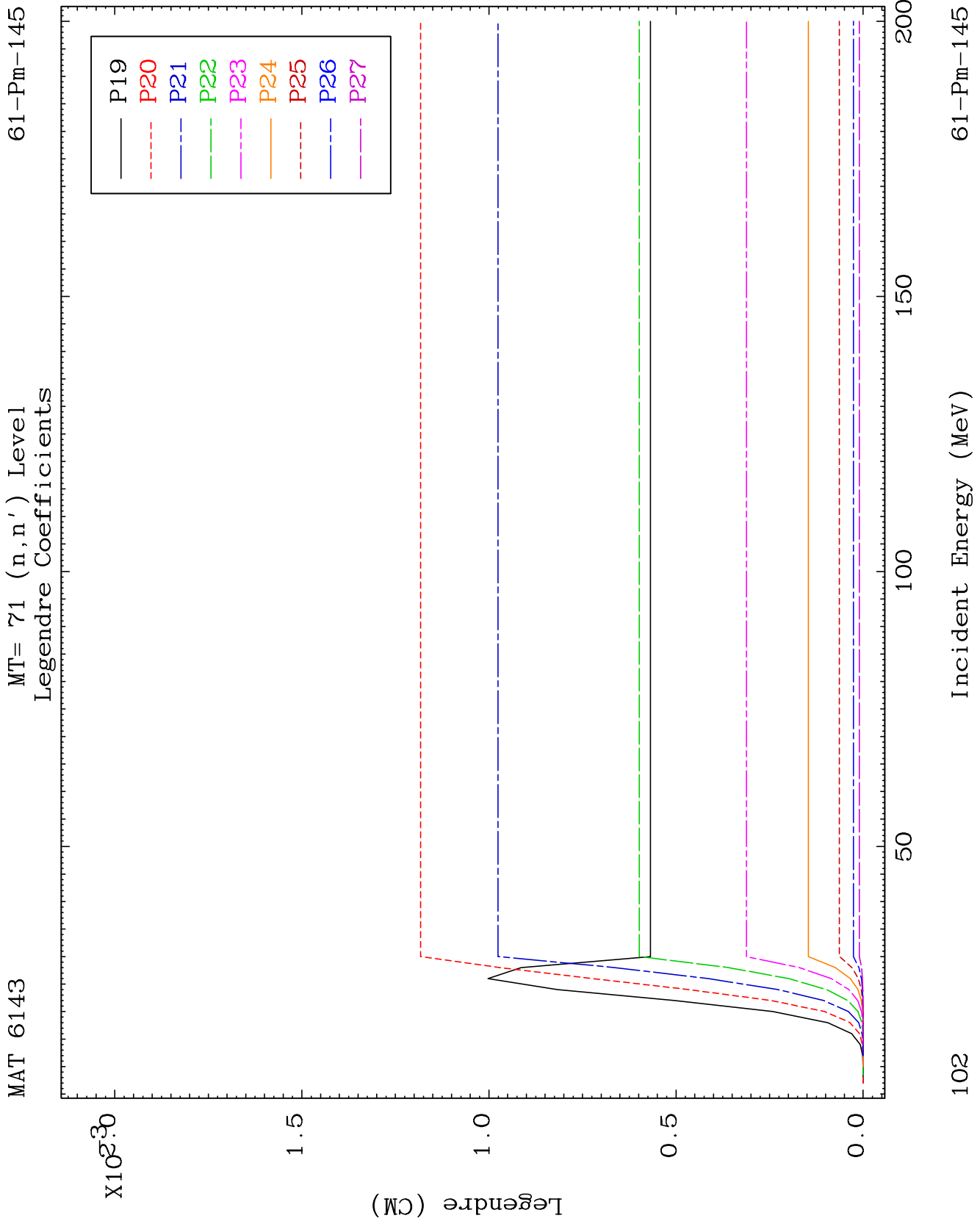


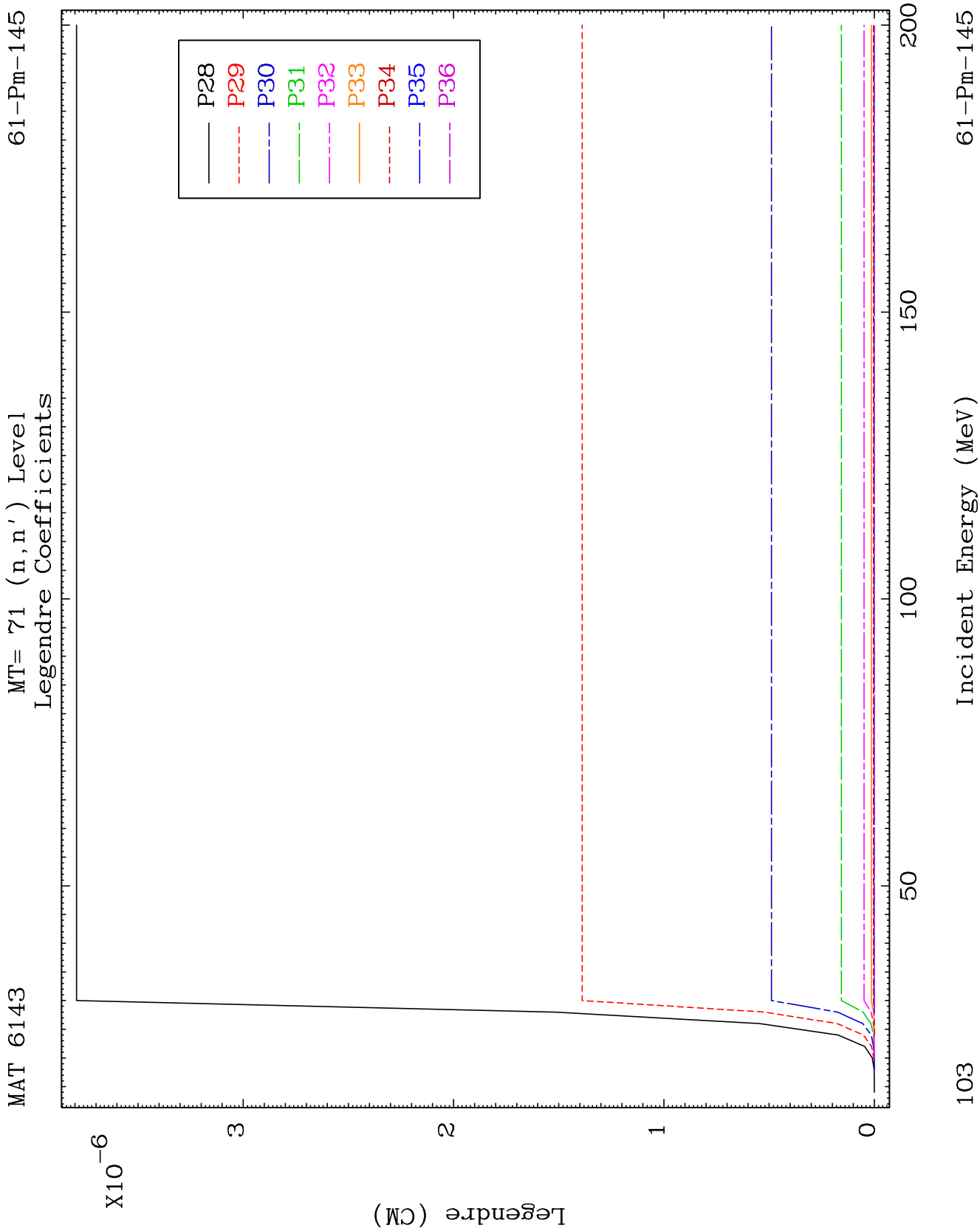
MAT 6143

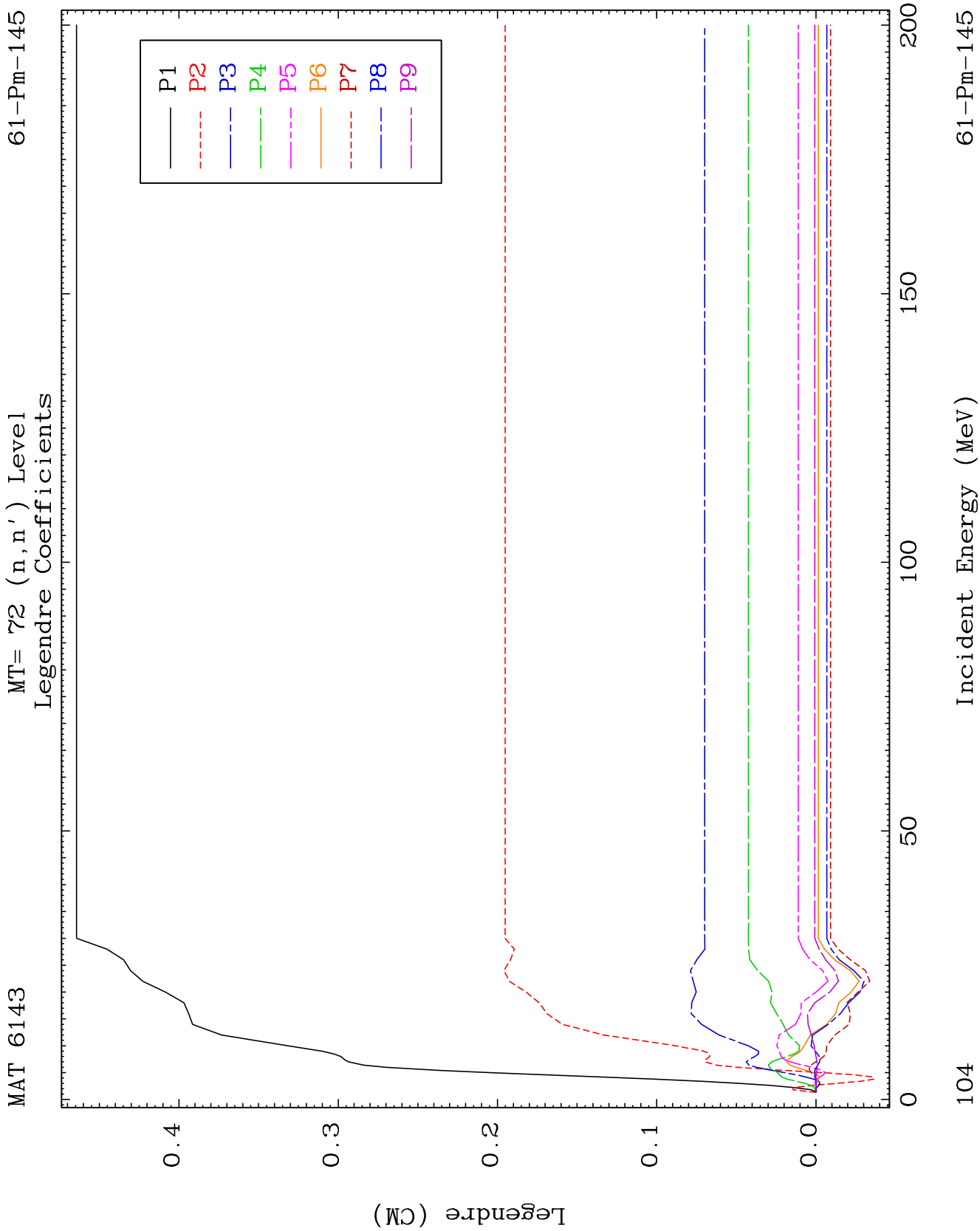
MT= 71 (n, n') Level
Legendre Coefficients

61-Pm-145





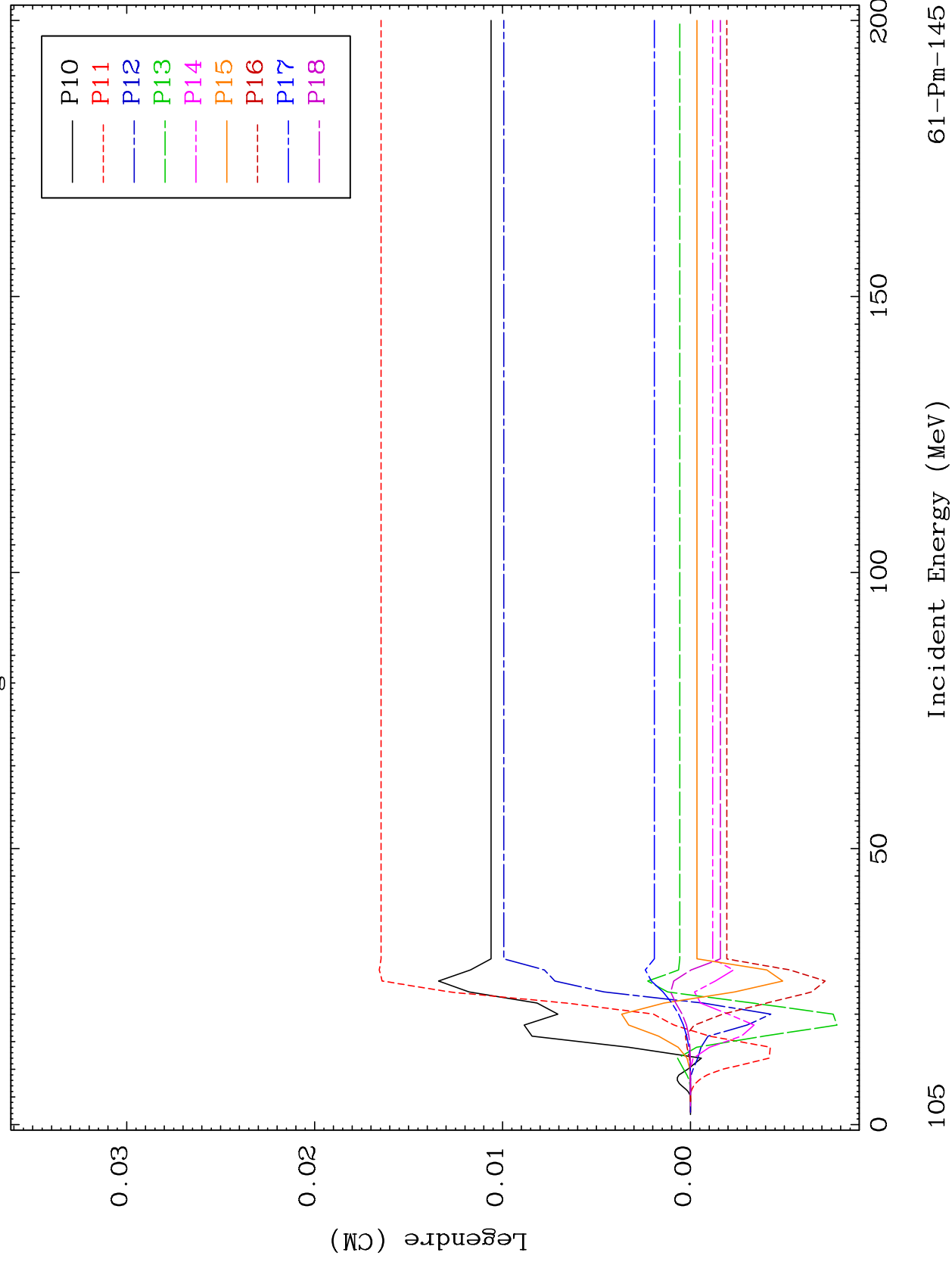


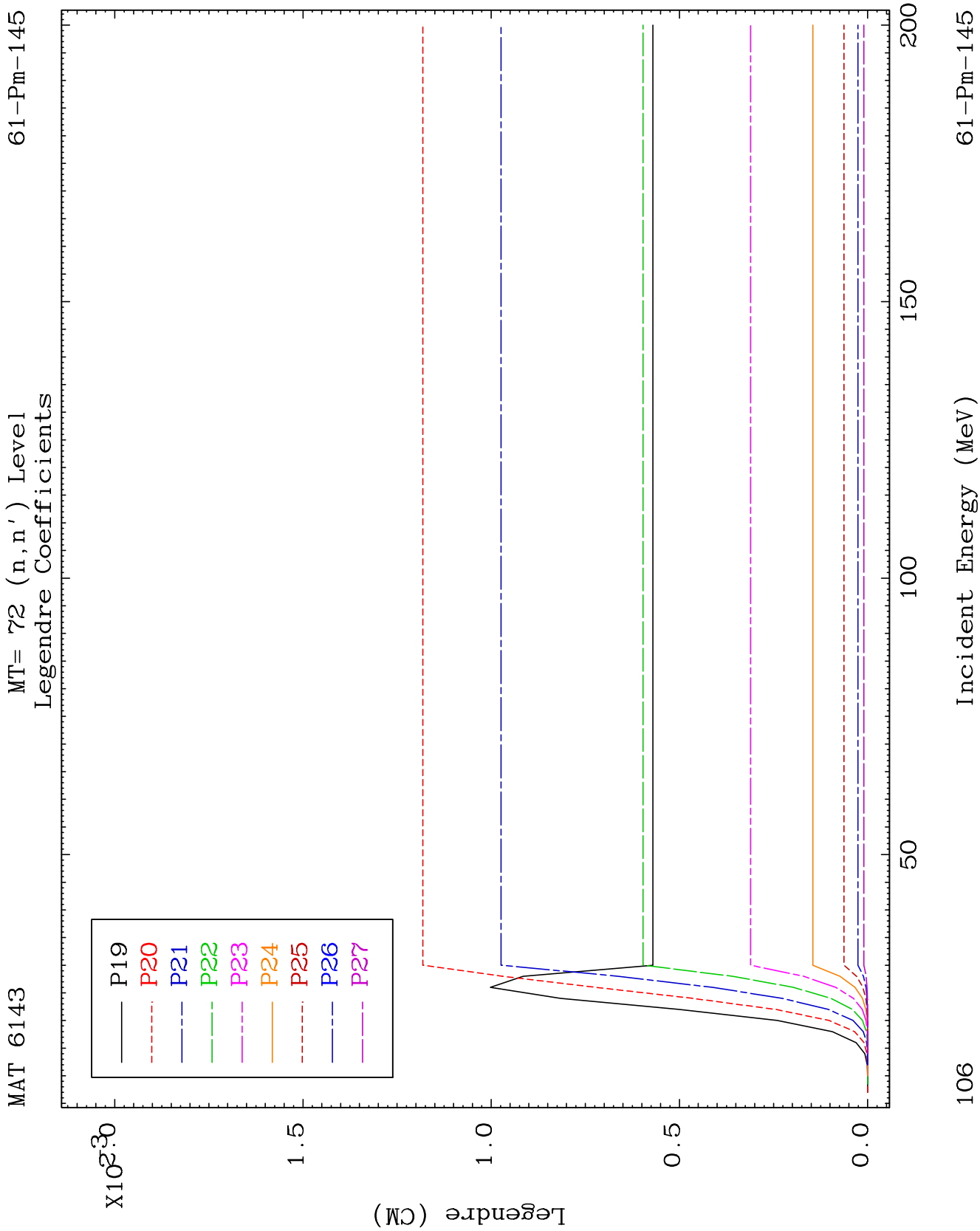


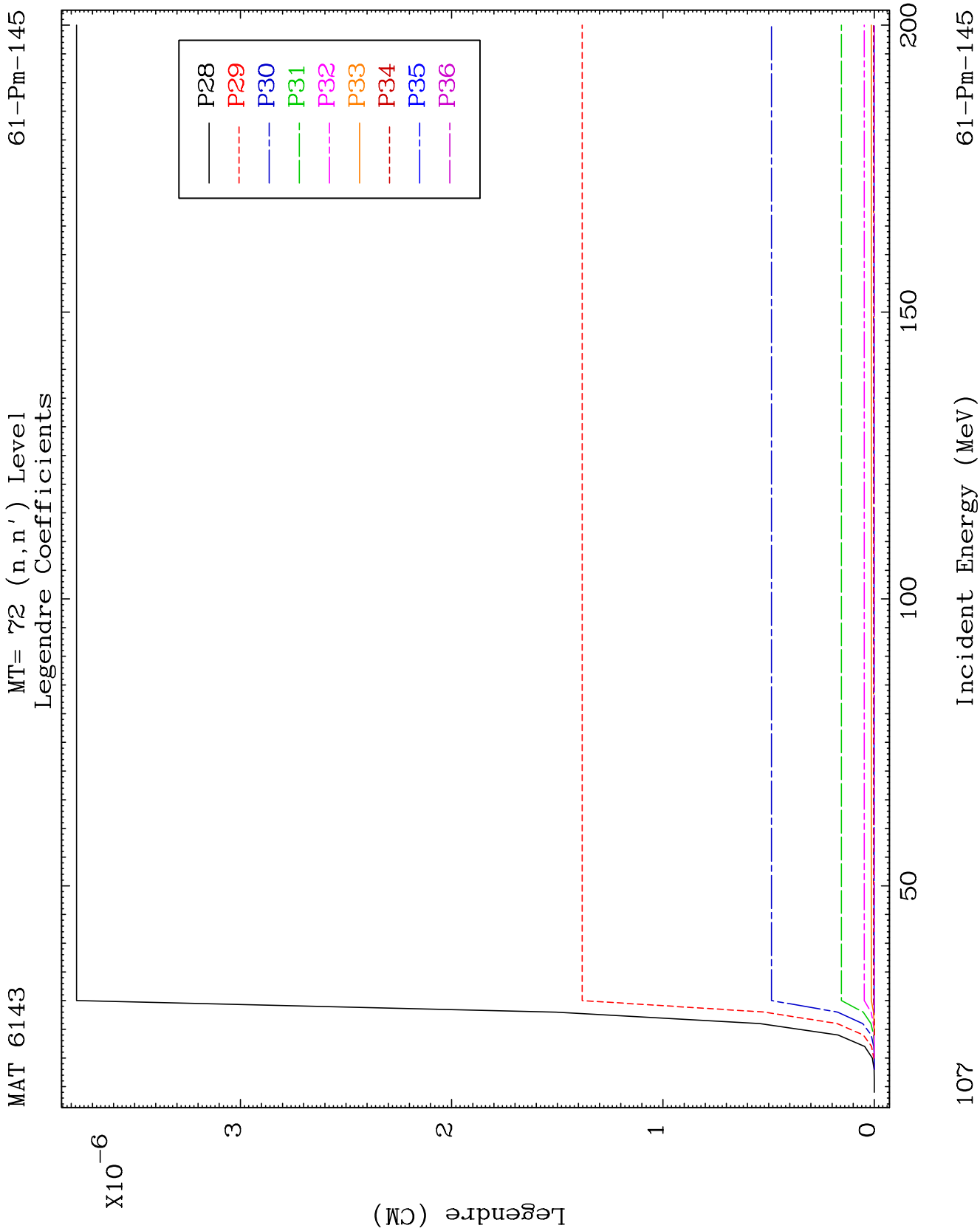
MAT 6143

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

61-Pm-145



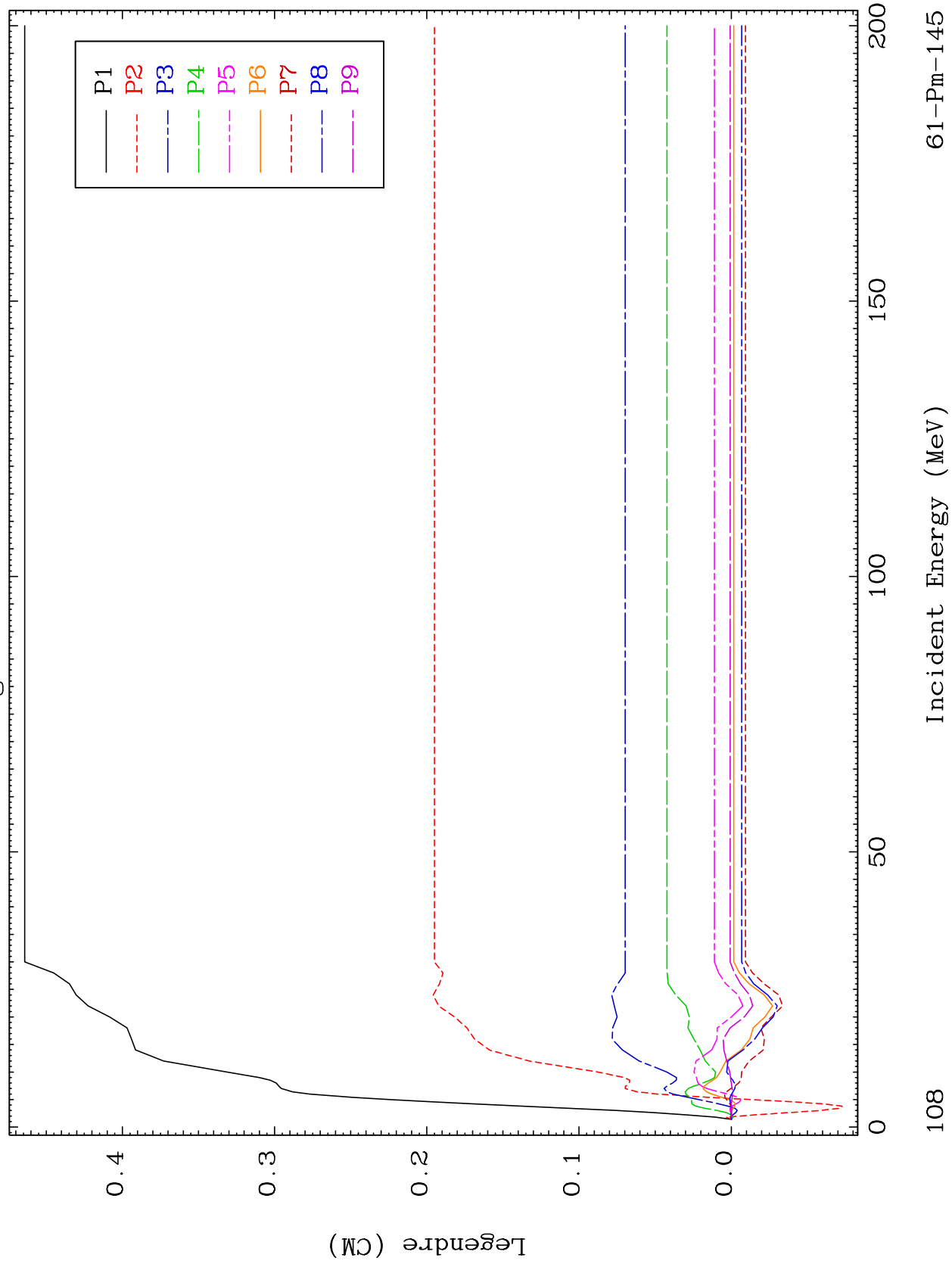




MAT 6143

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

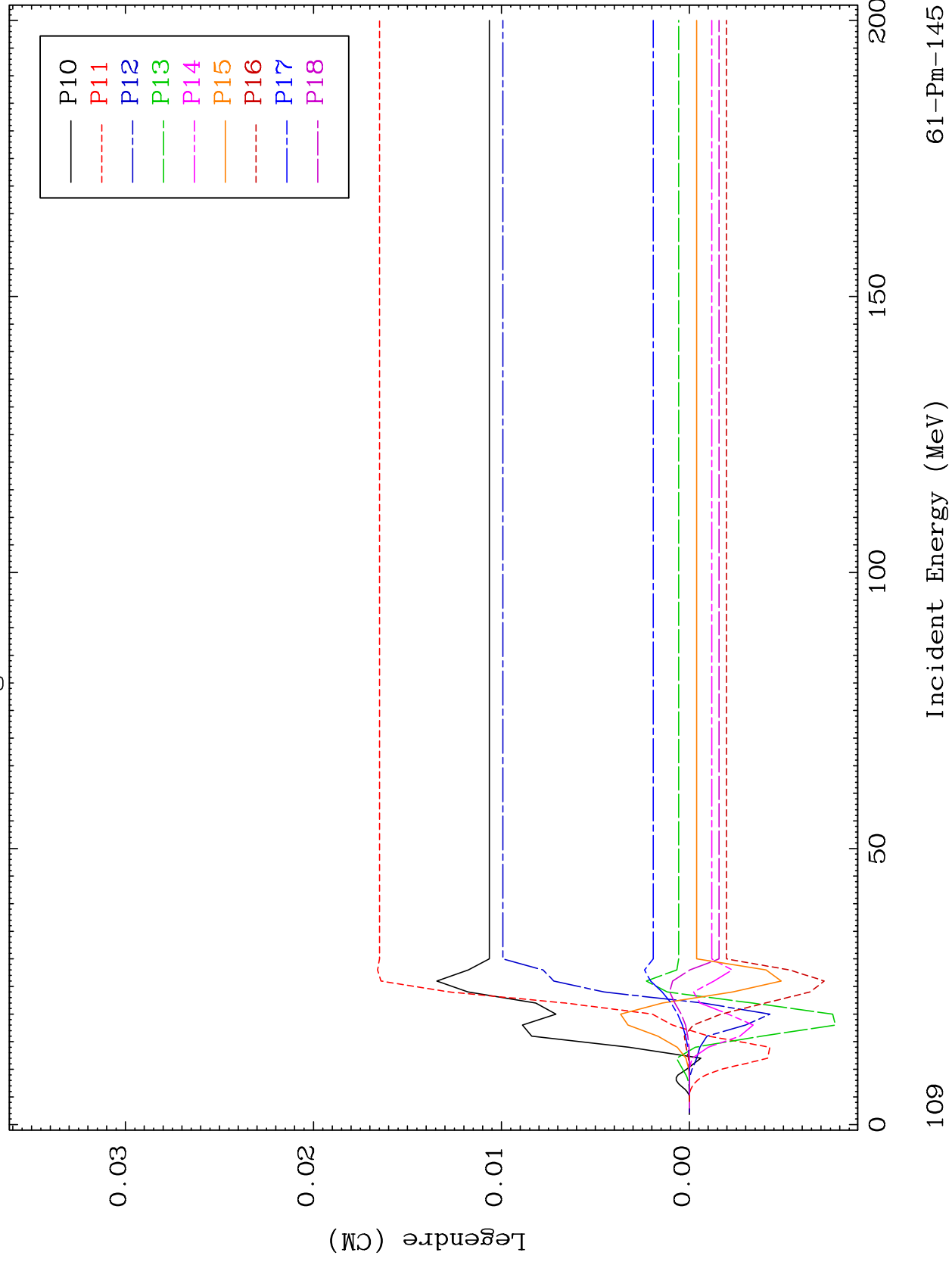
61-Pm-145

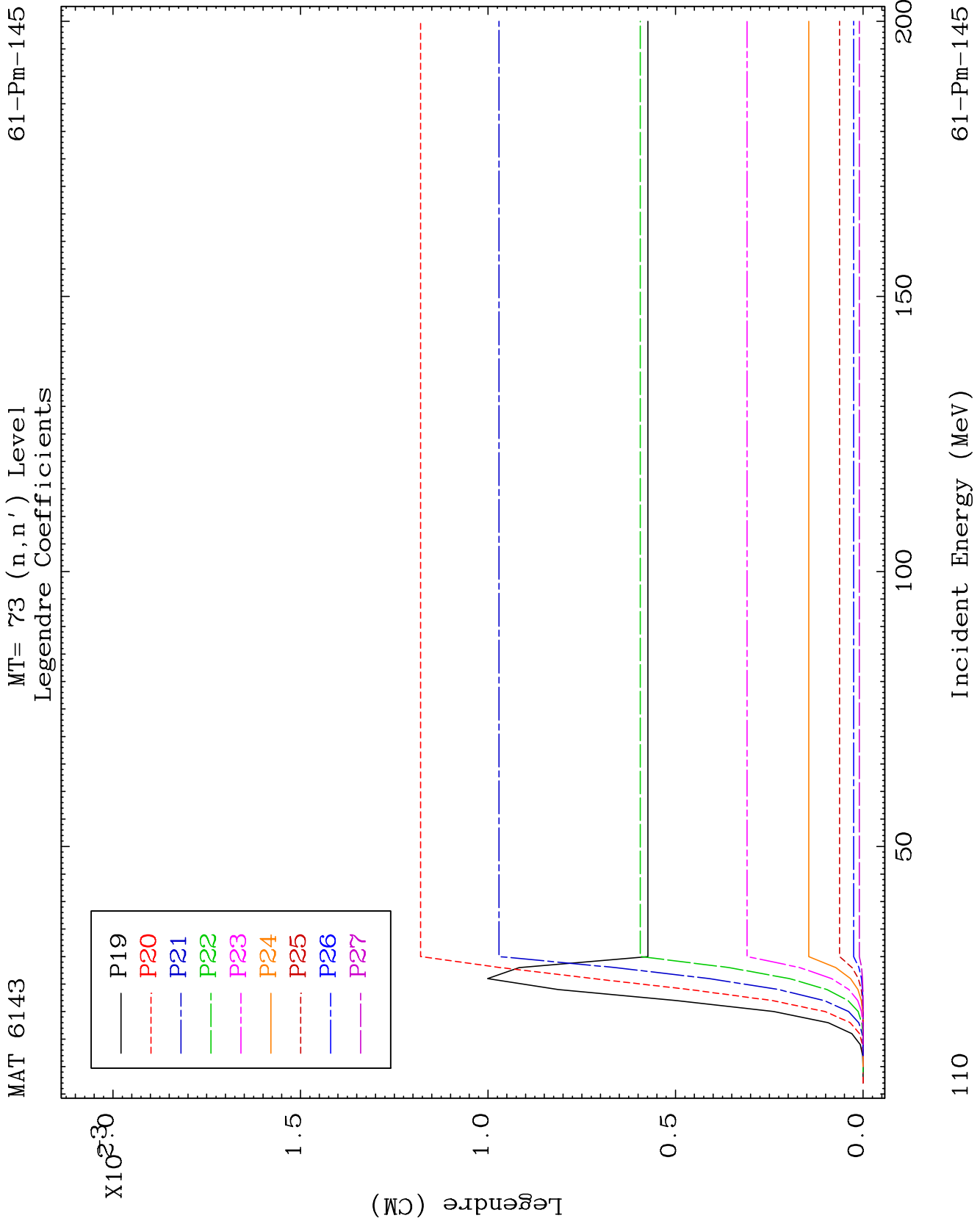


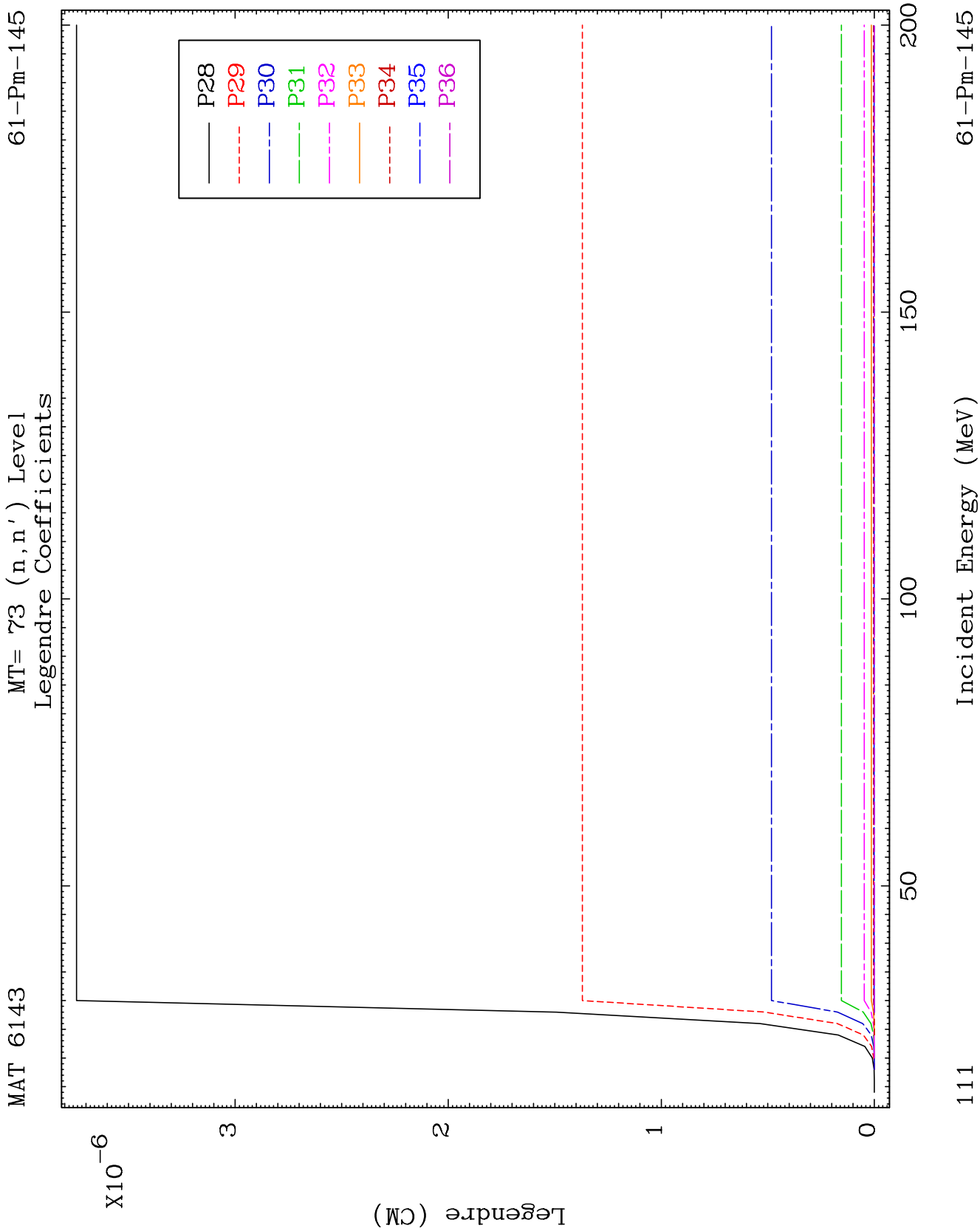
MAT 6143

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

61-Pm-145



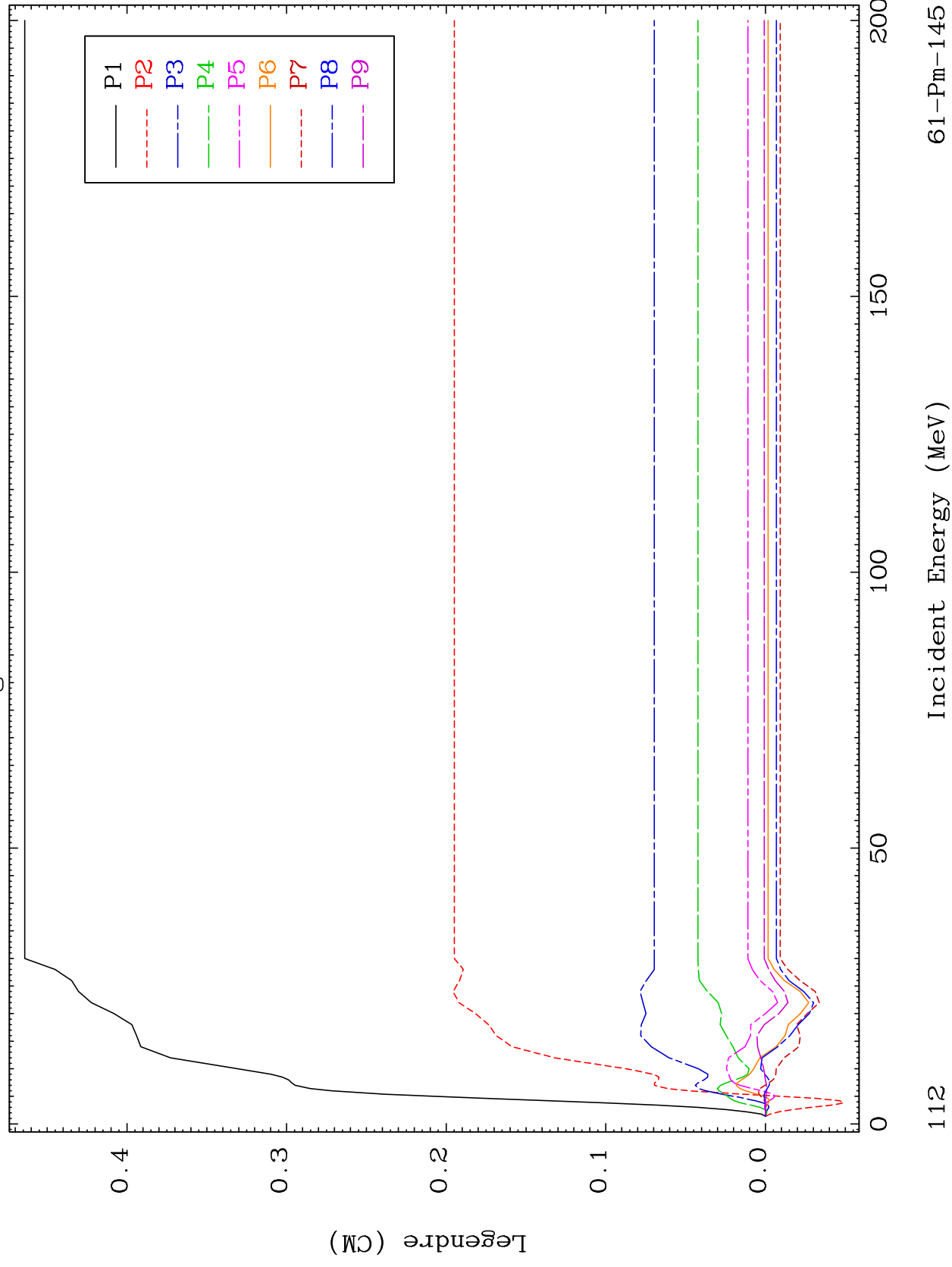




MAT 6143

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

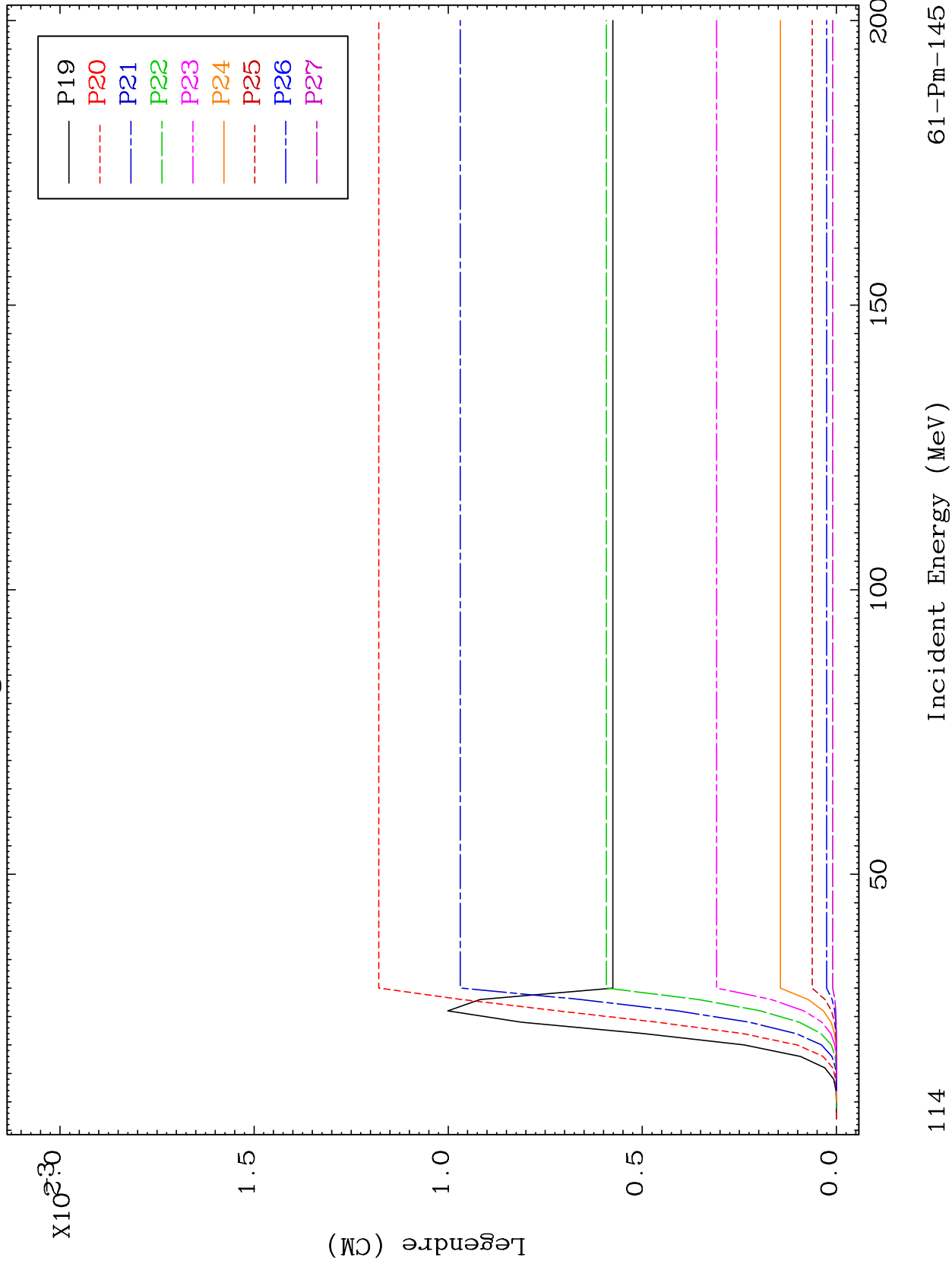
61-Pm-145

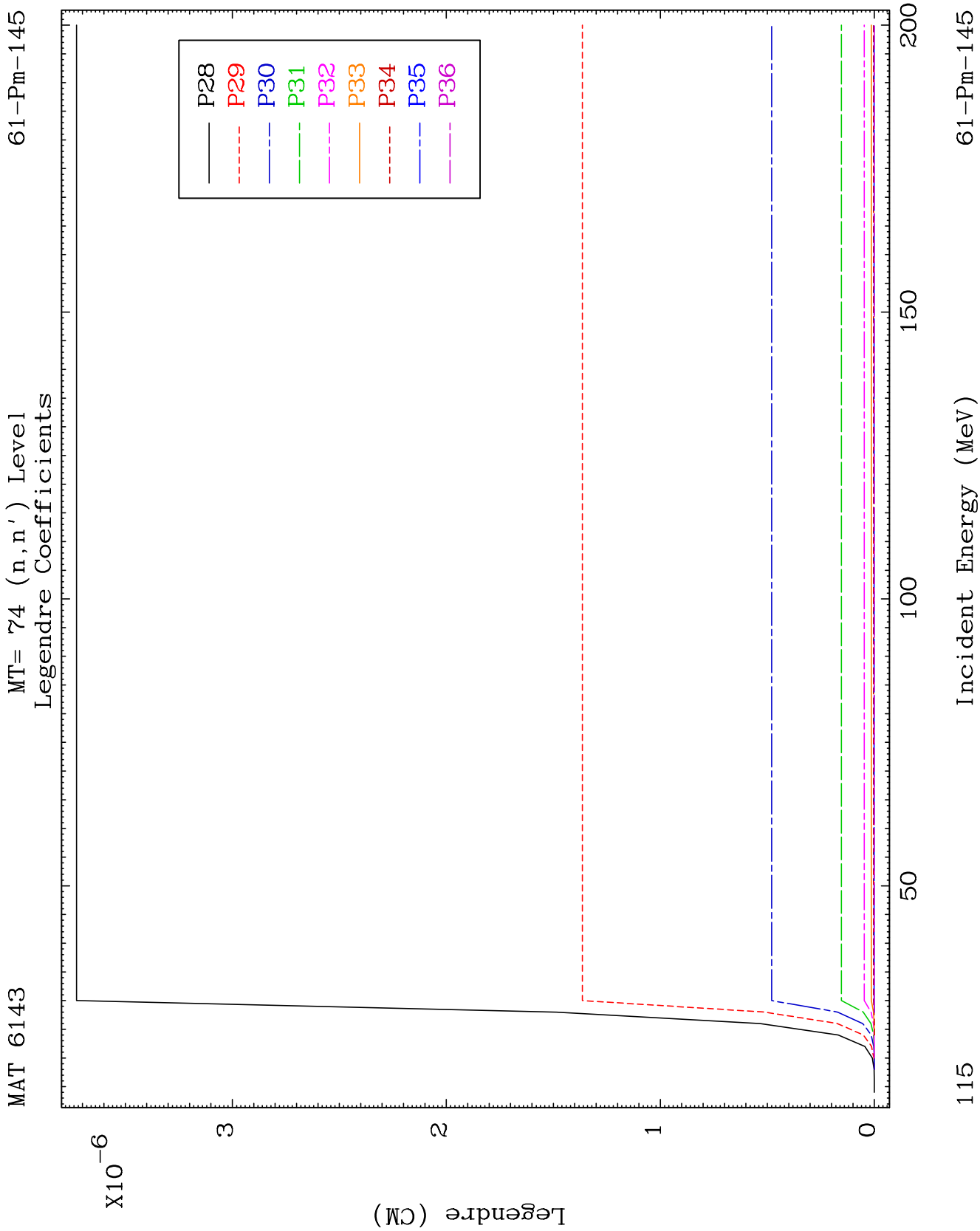


MAT 6143

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

61-Pm-145

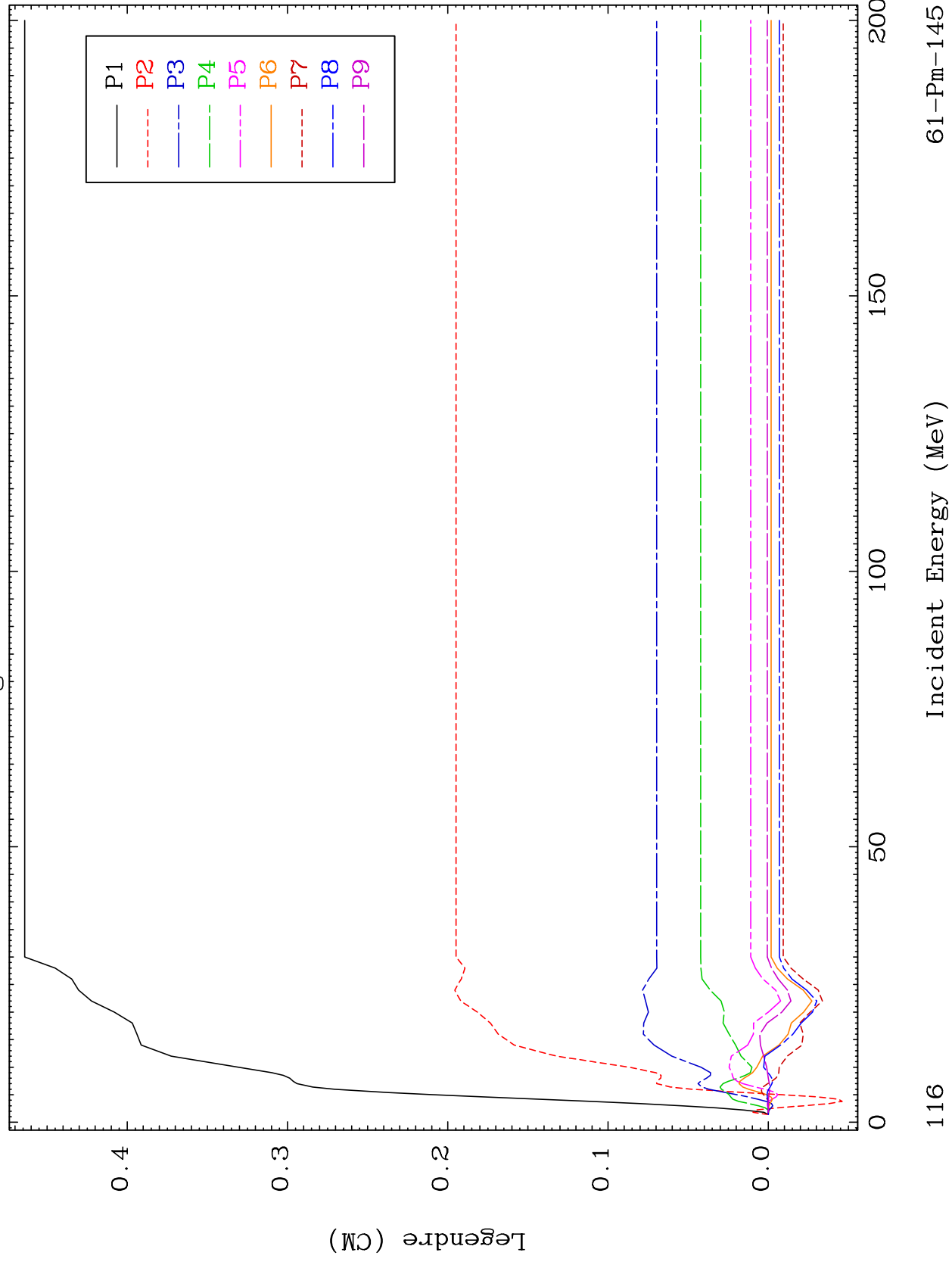


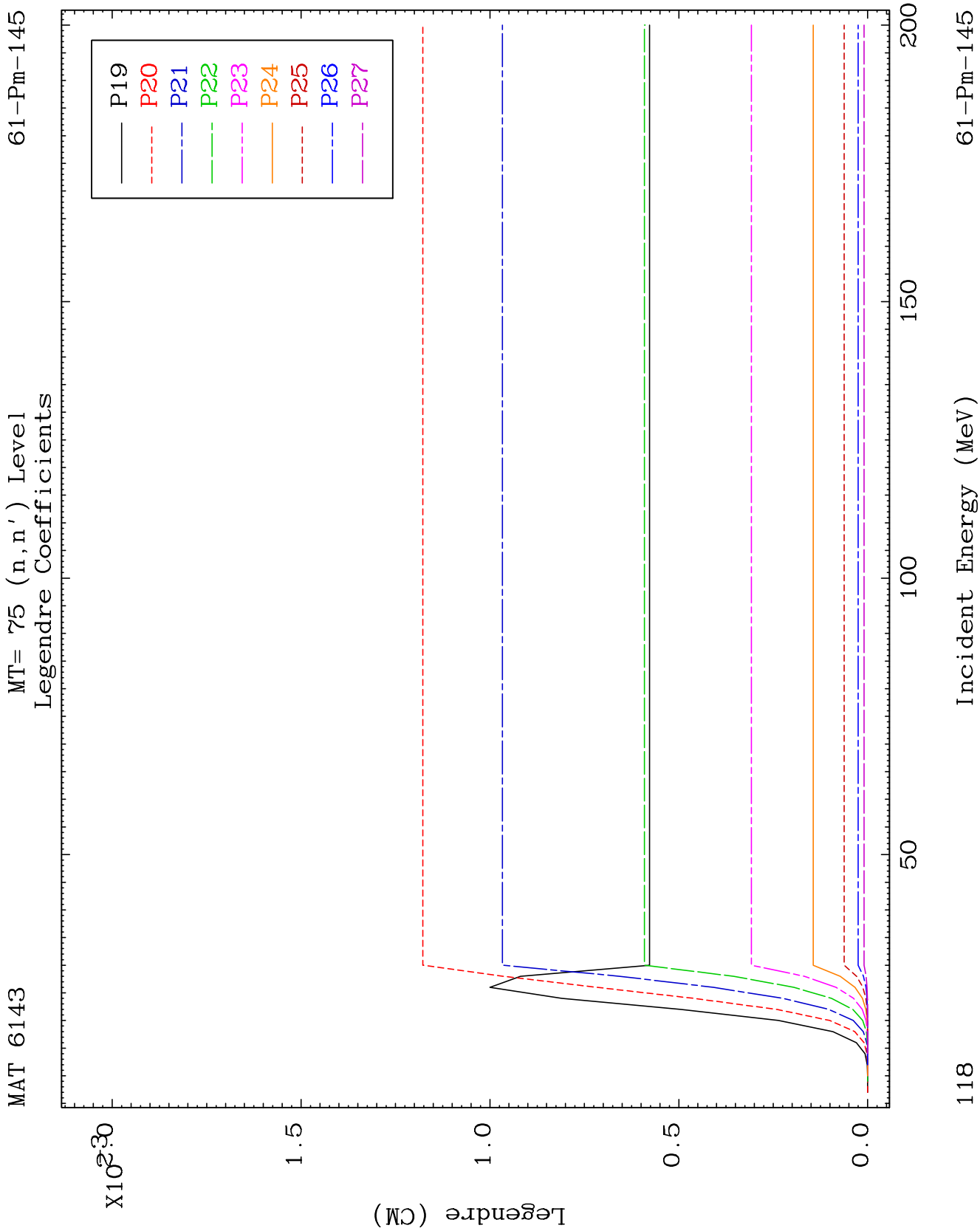


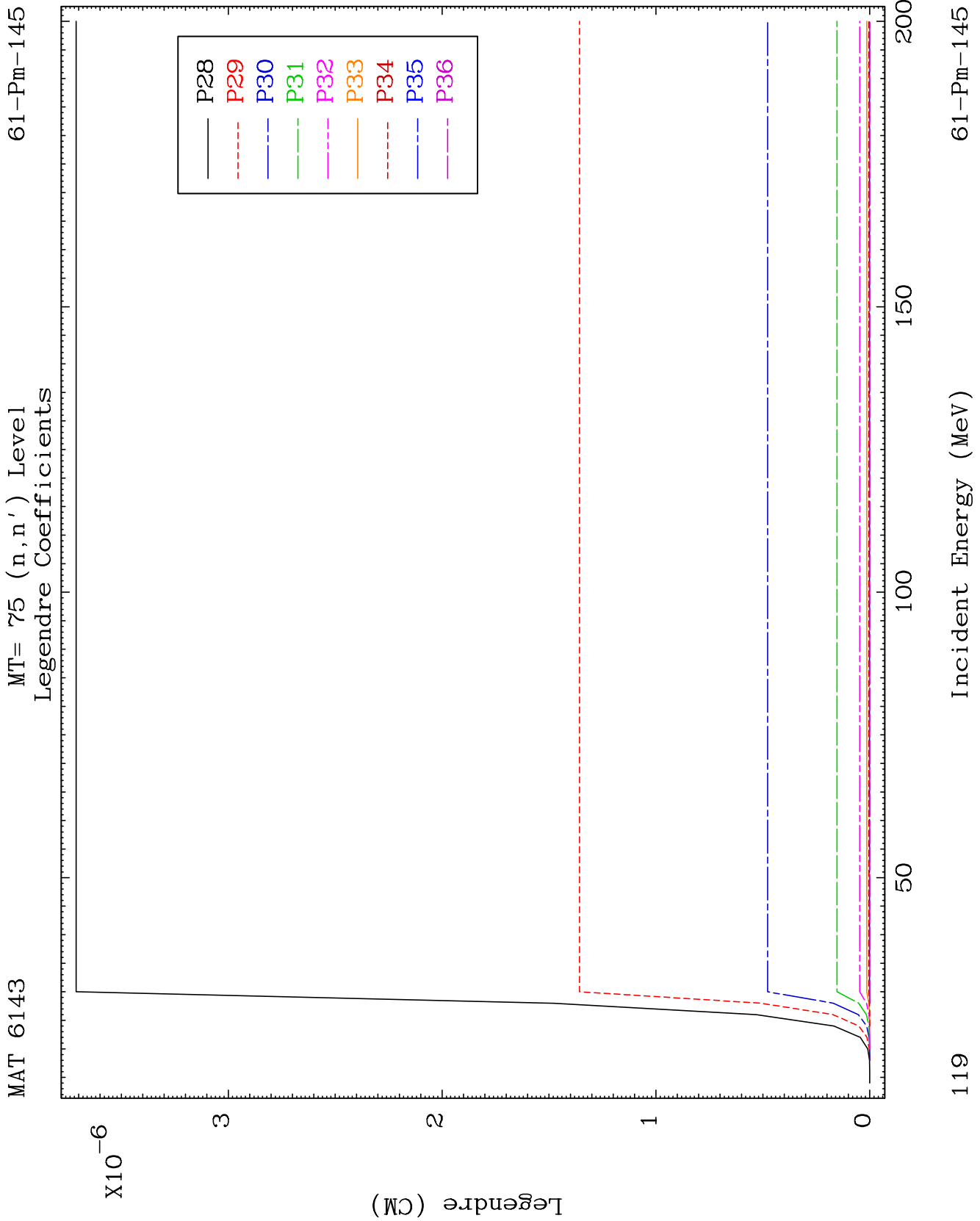
MAT 6143

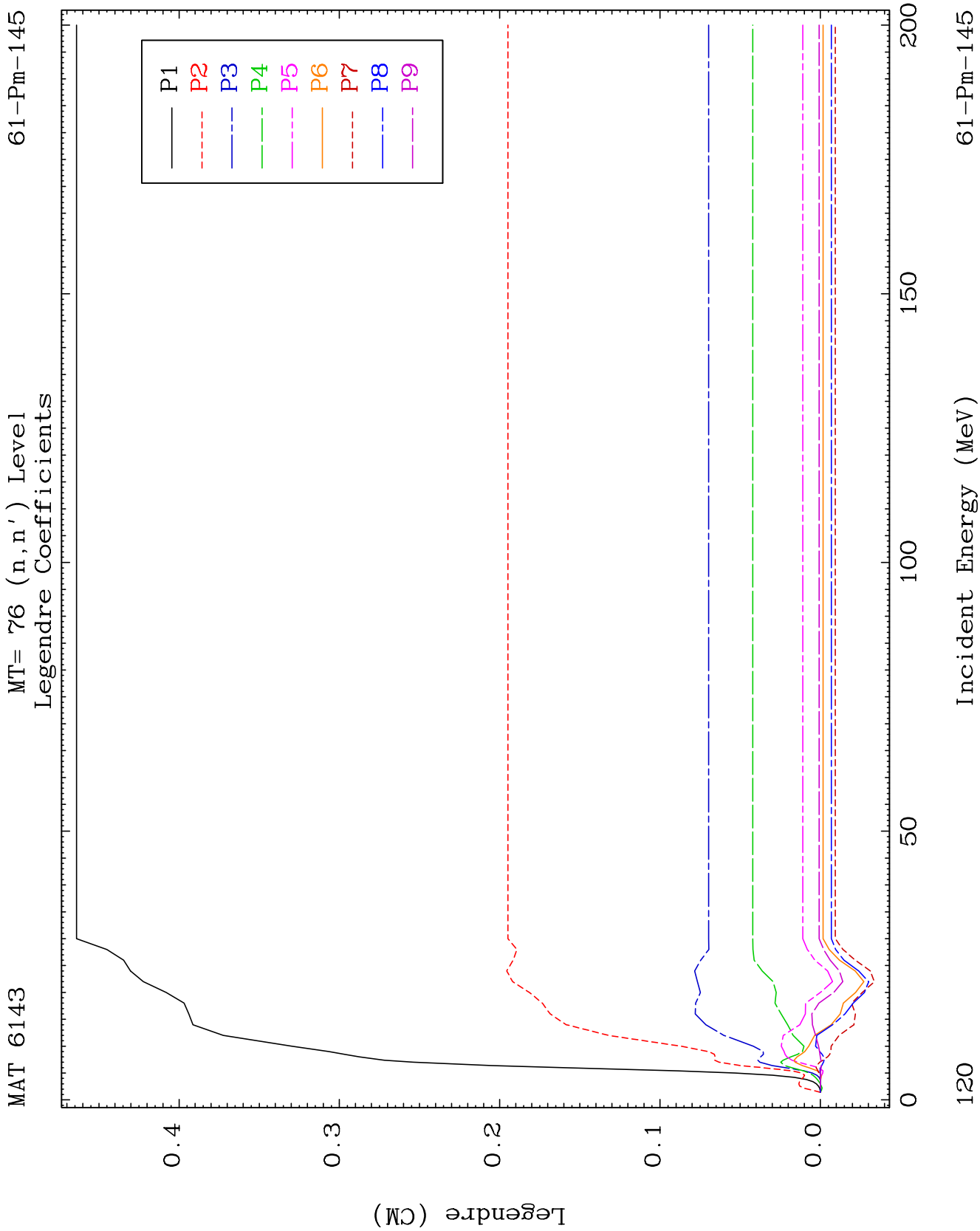
MT= 75 (n, n') Level
Legendre Coefficients

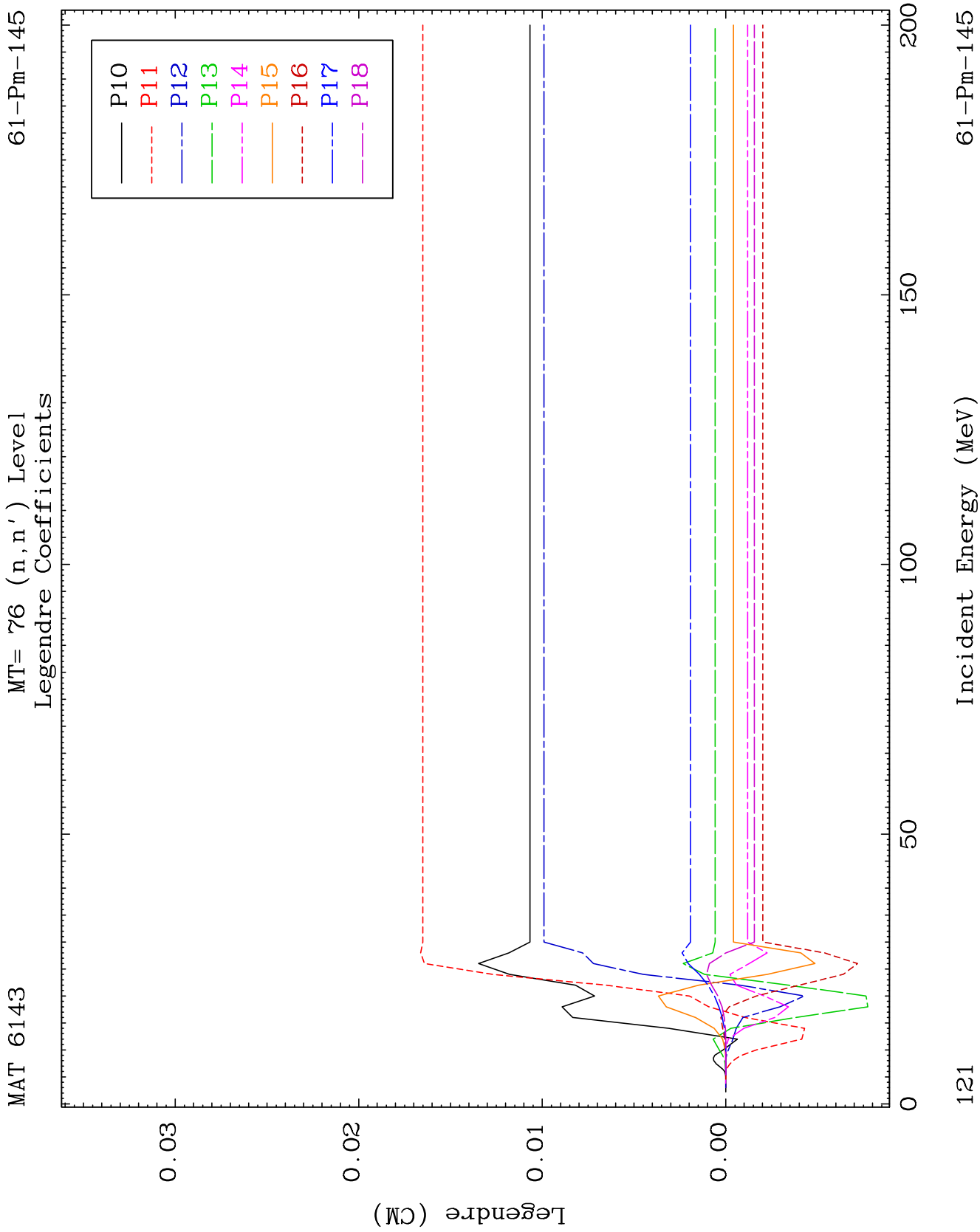
61-Pm-145

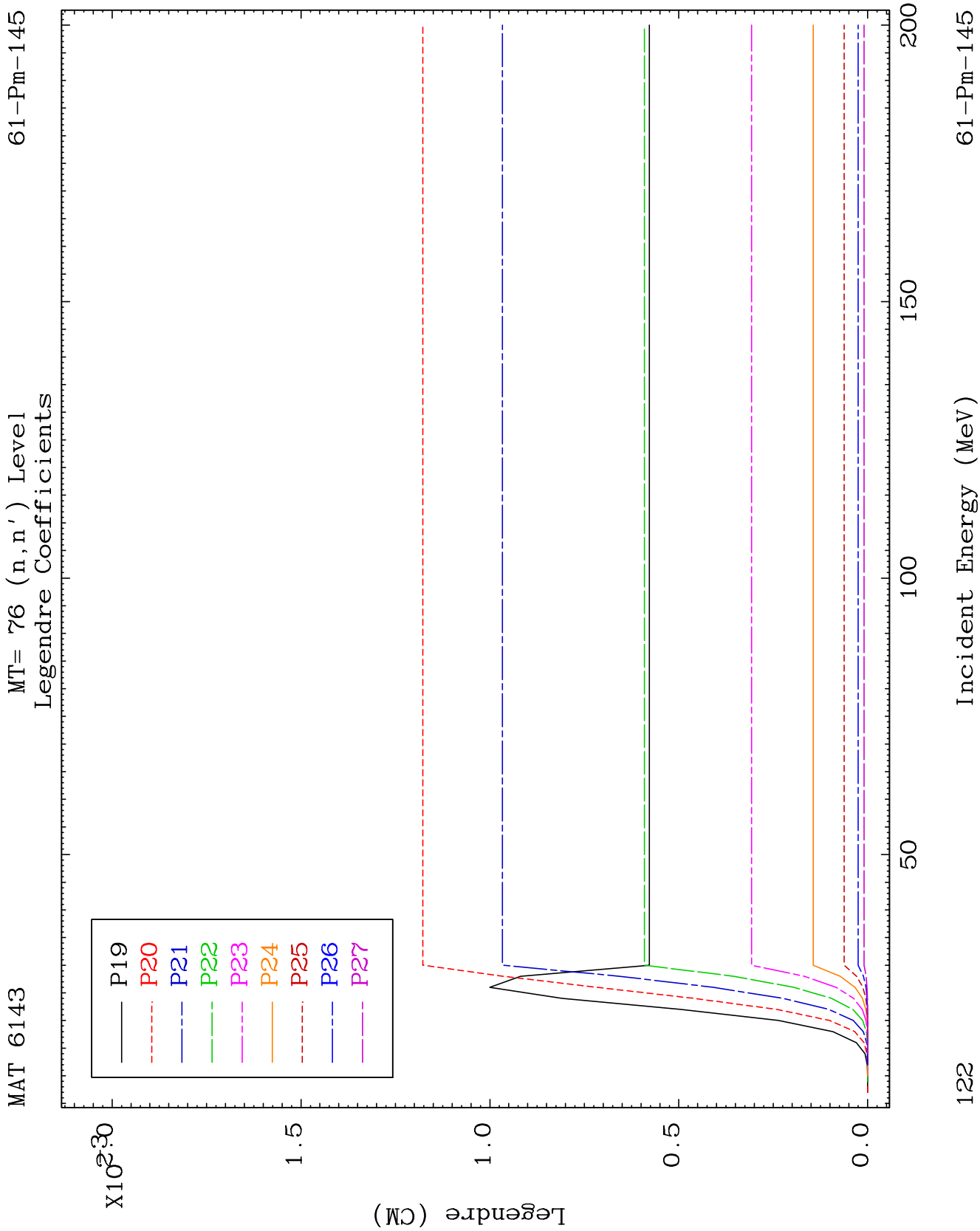


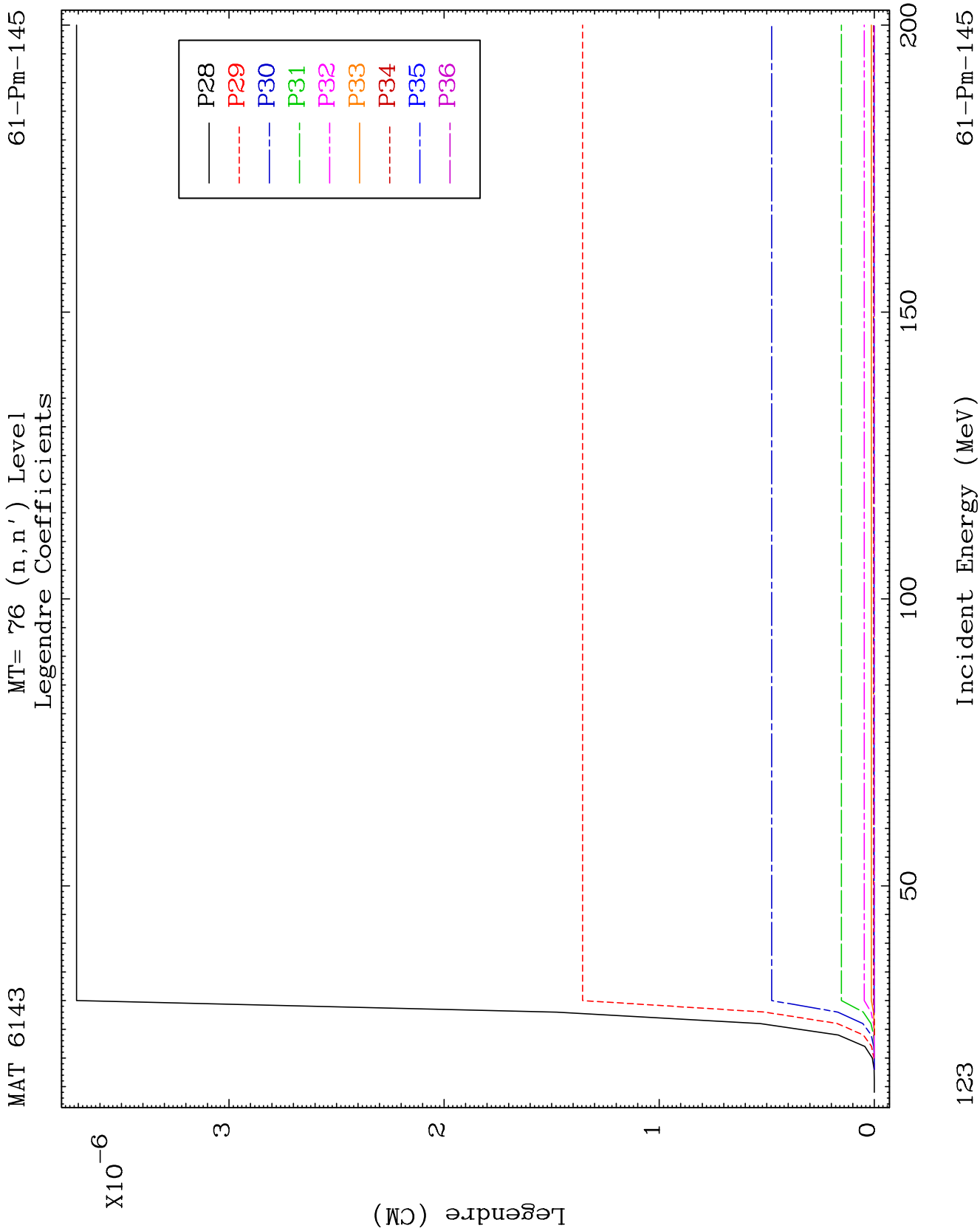








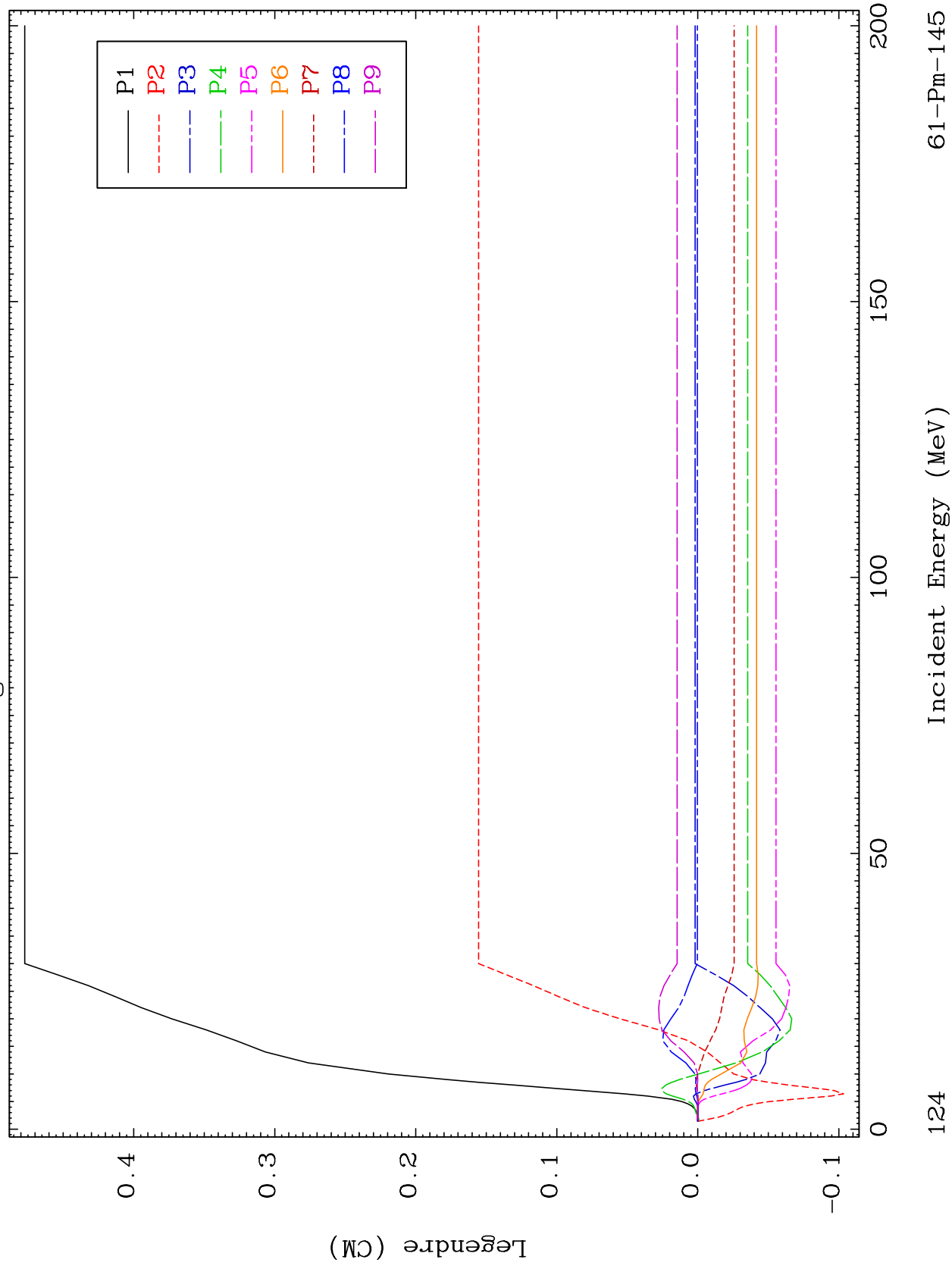


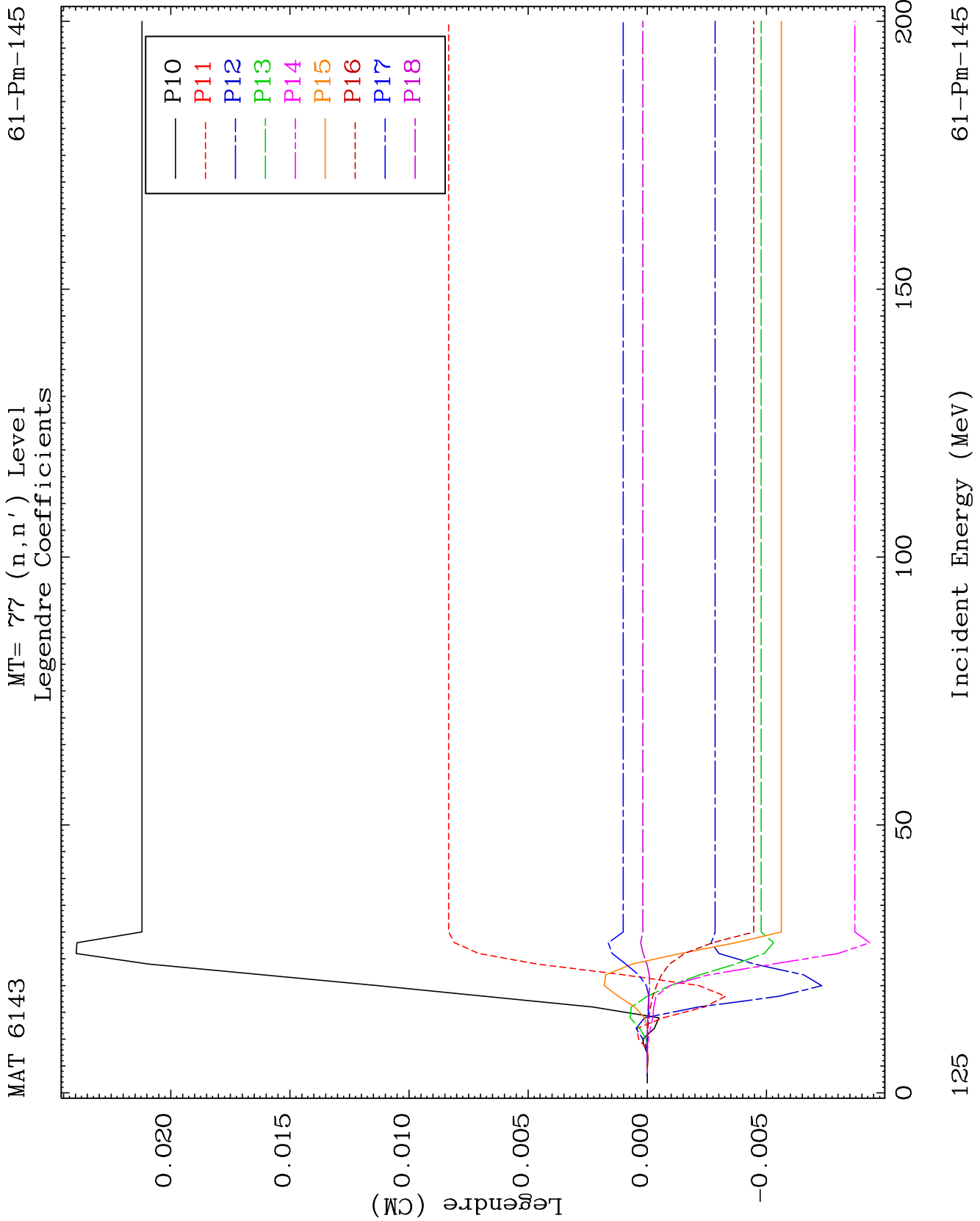


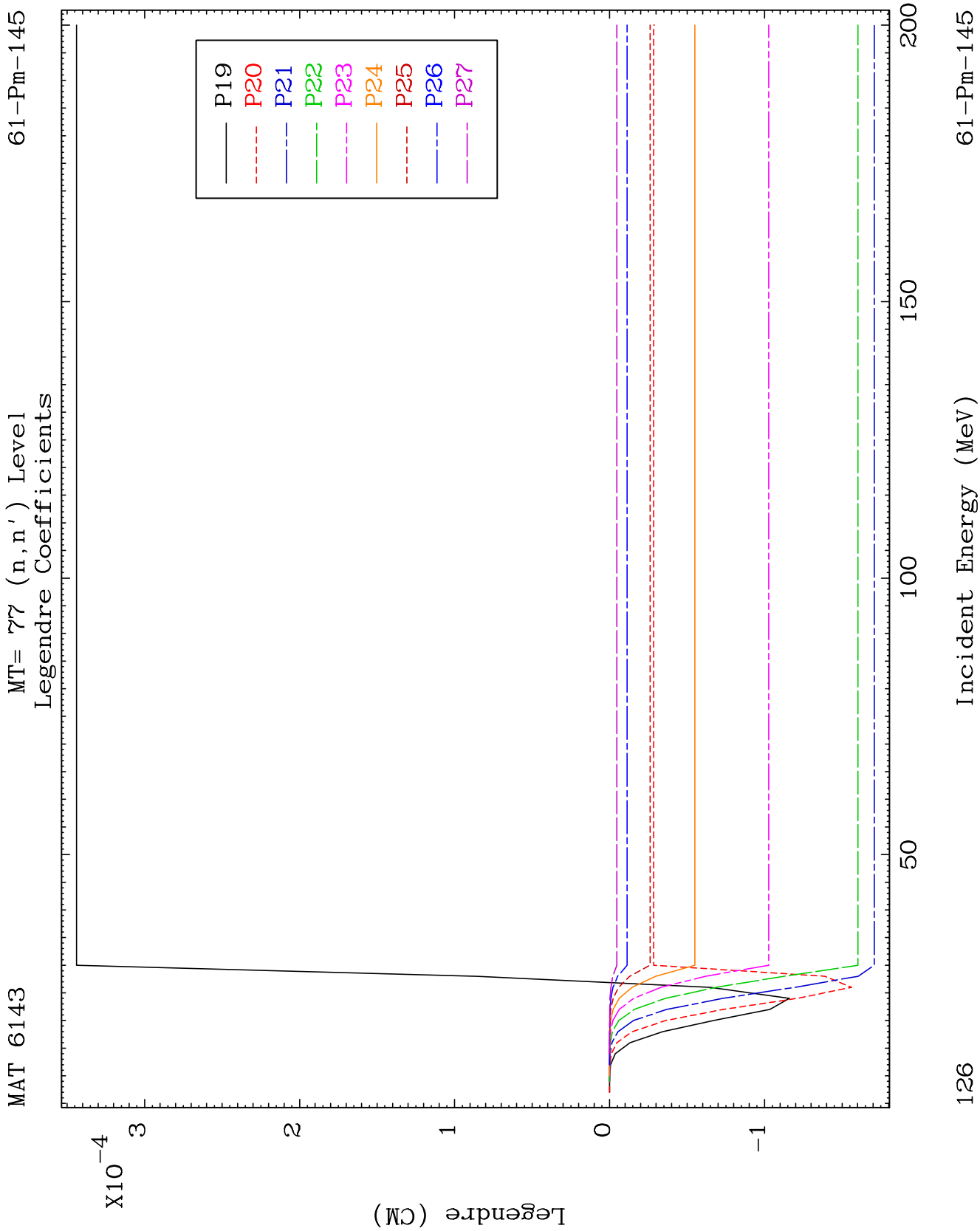
MAT 6143

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

61-Pm-145







Radionuclide Production Cross Section

