

Program EVALPLOT
(Version 2021-1)

by

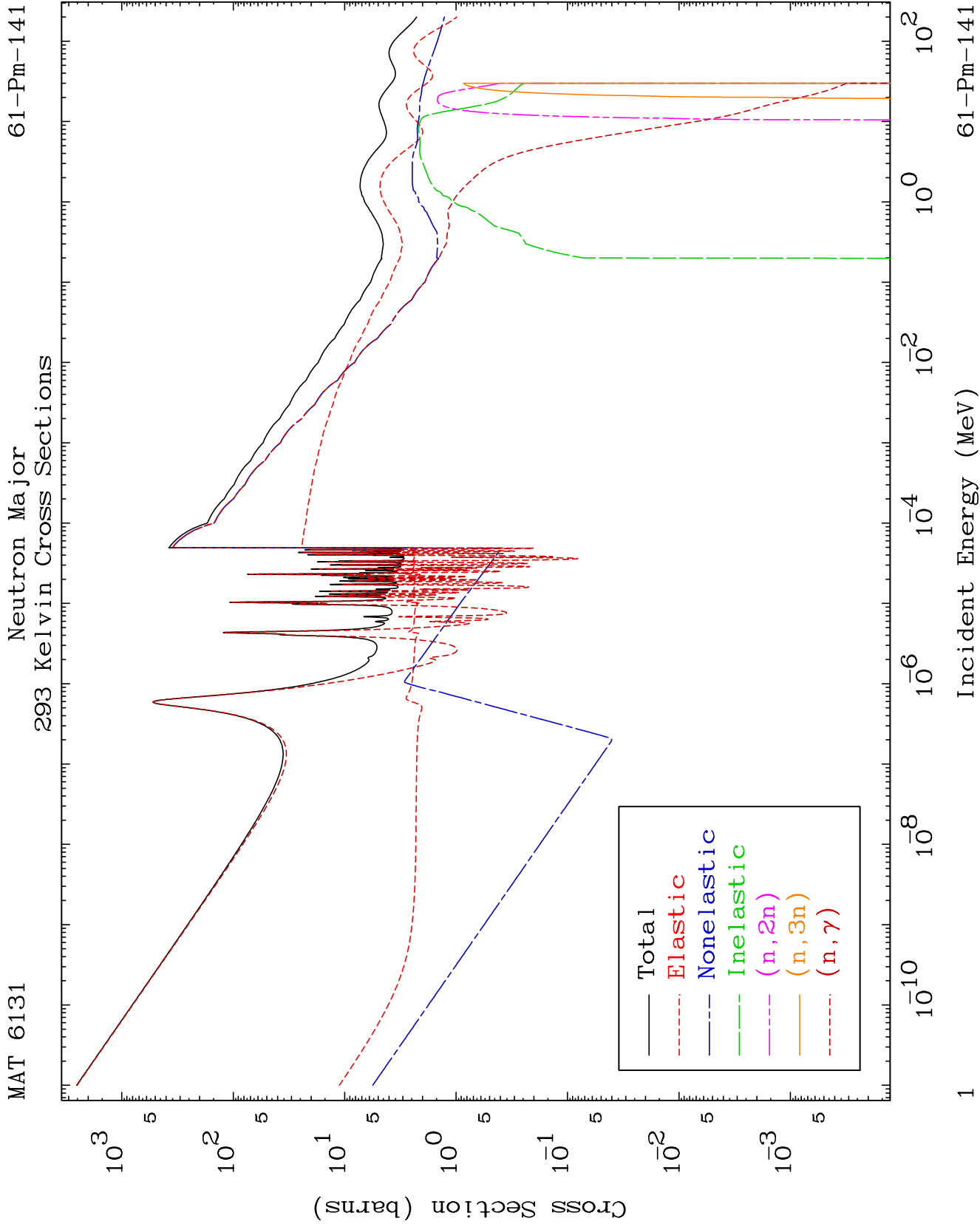
Dermott E. Cullen
(Present Contact Information)

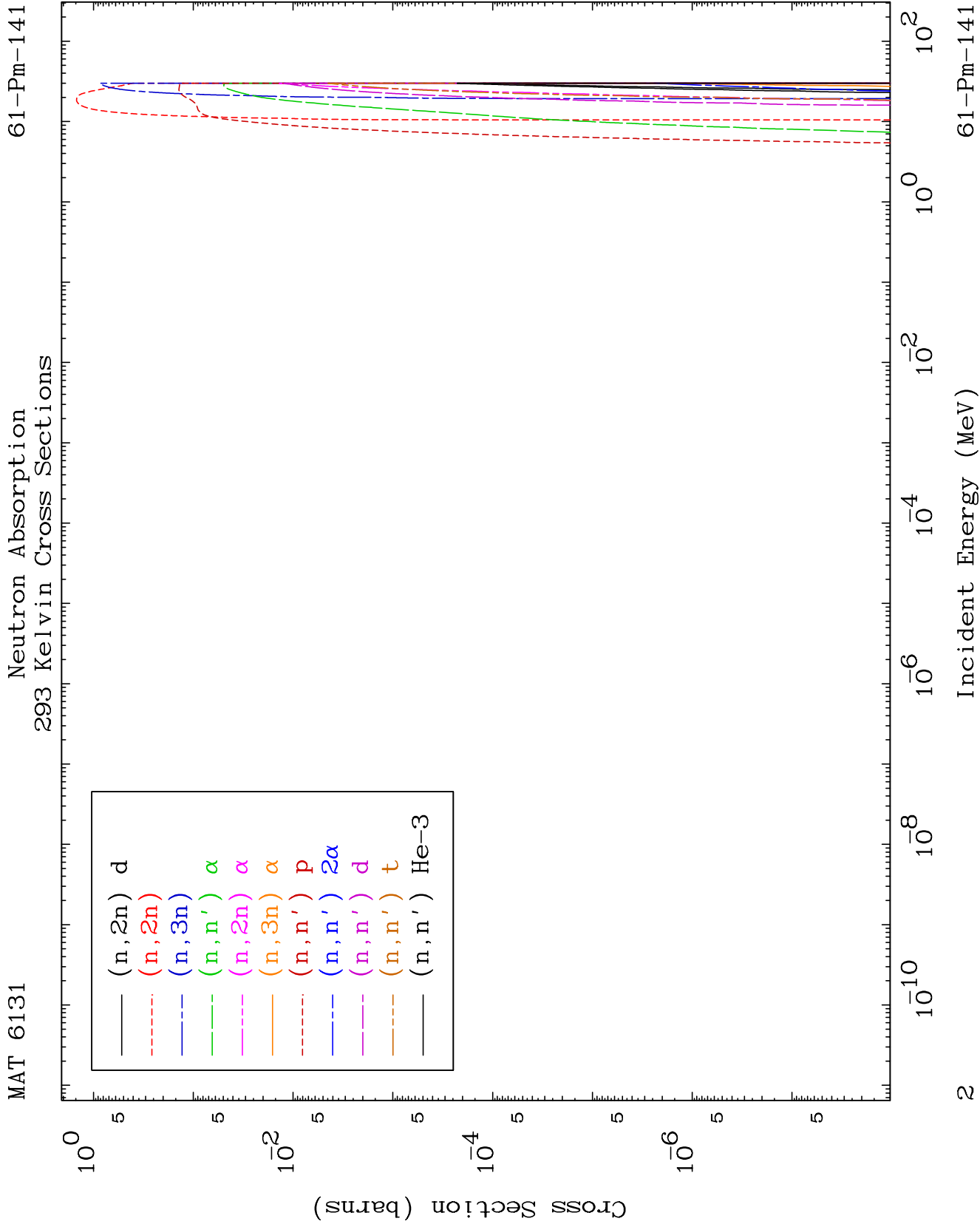
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

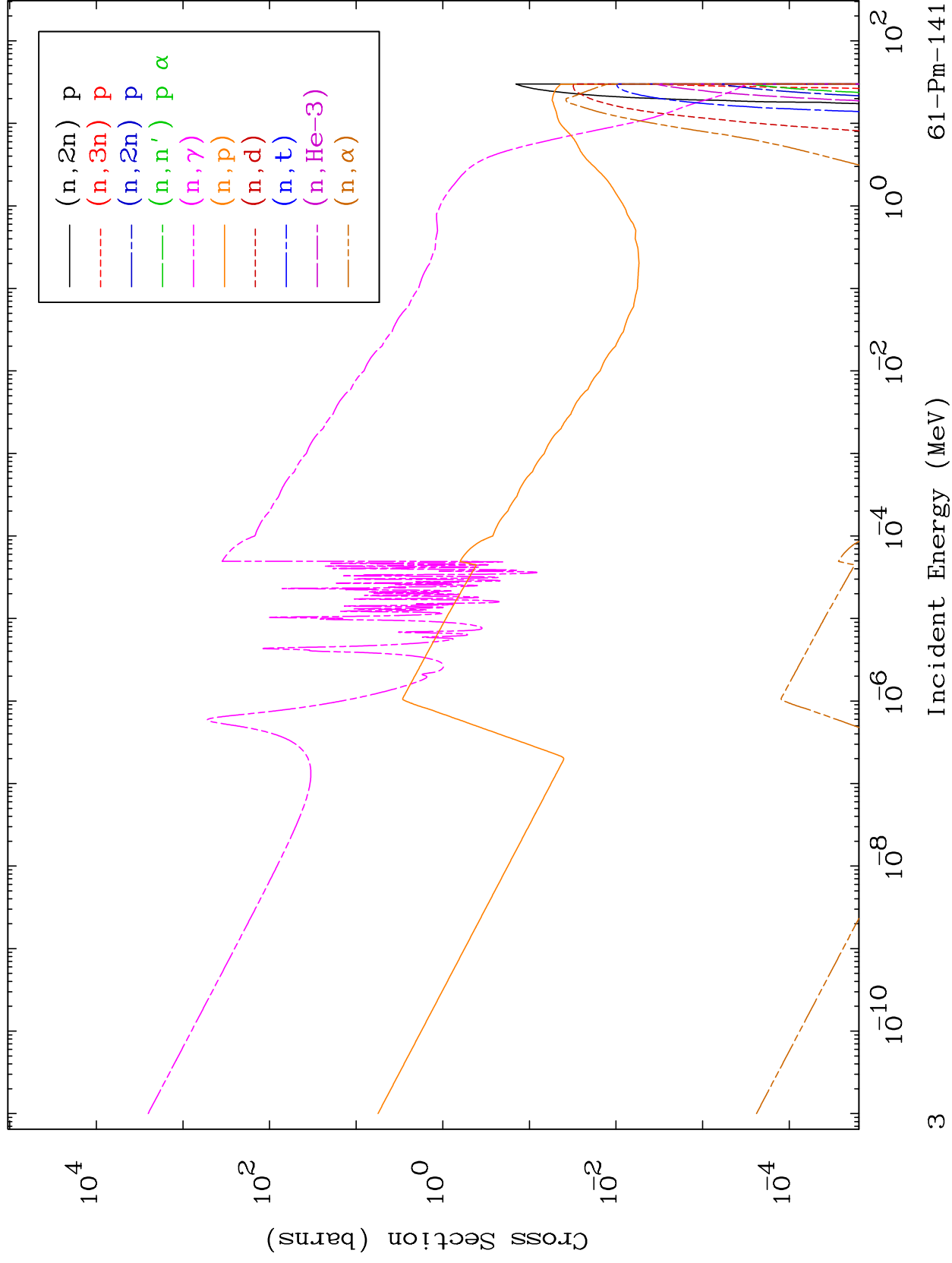
Tele: 925-443-1911

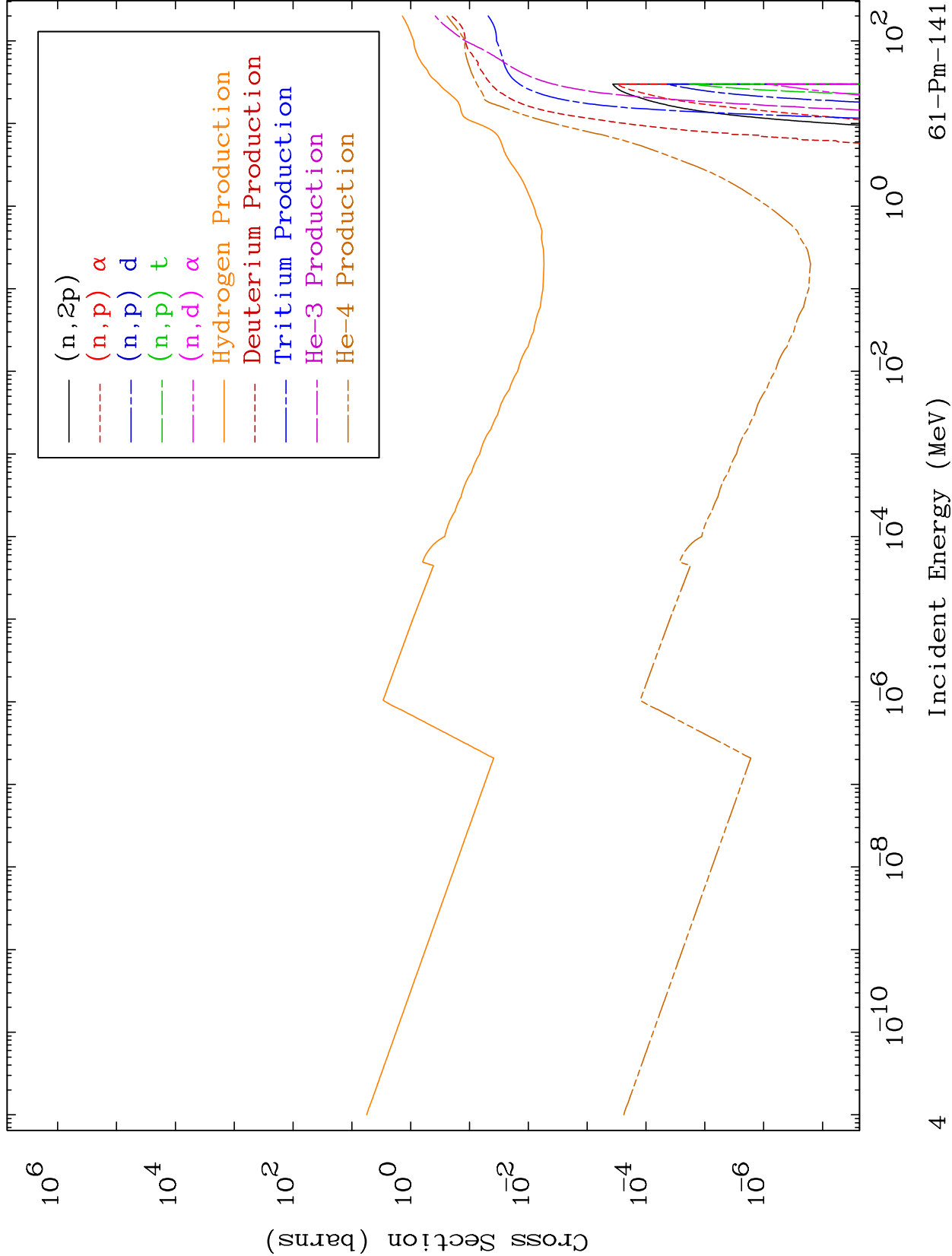
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

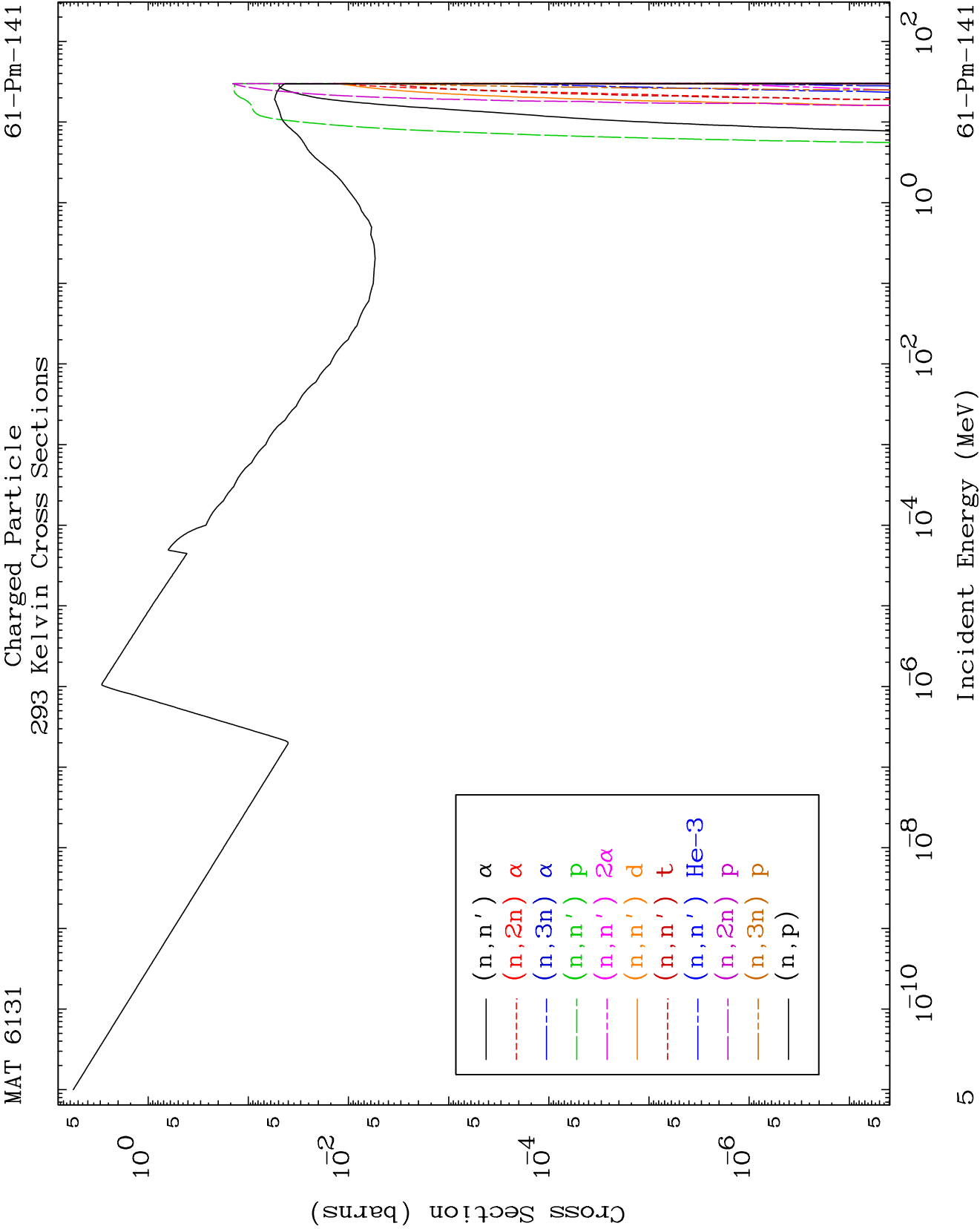
Press Mouse Button to Start

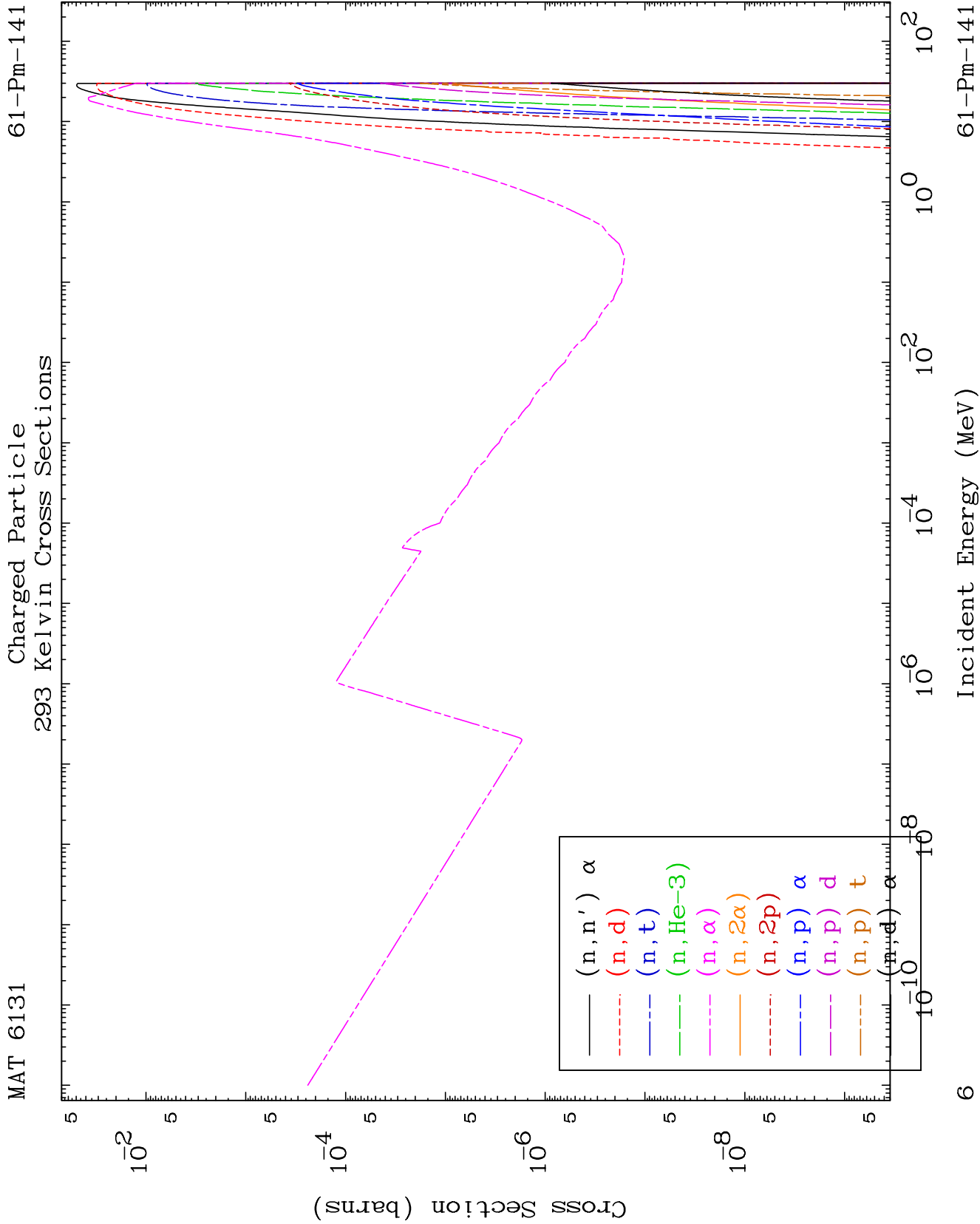


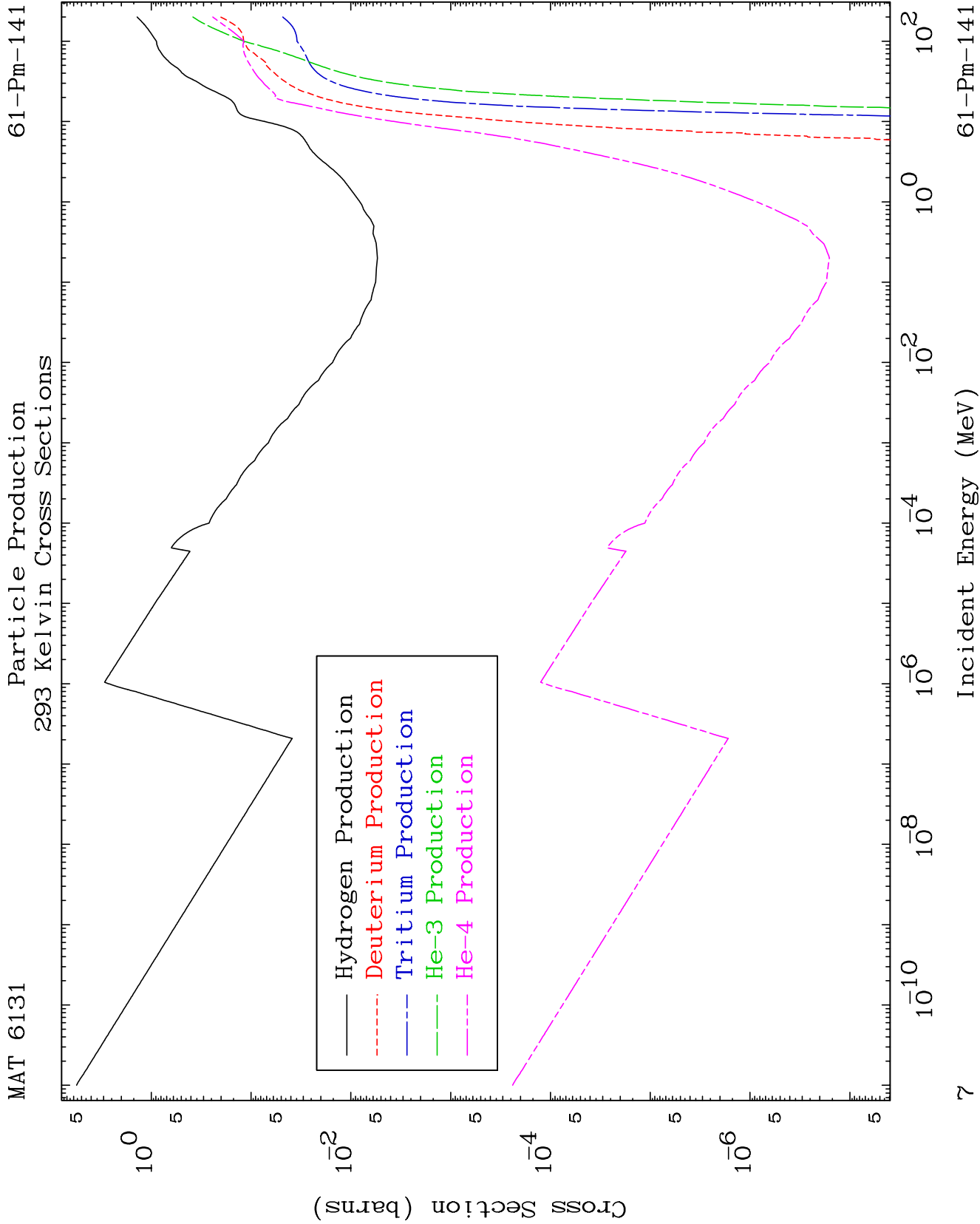


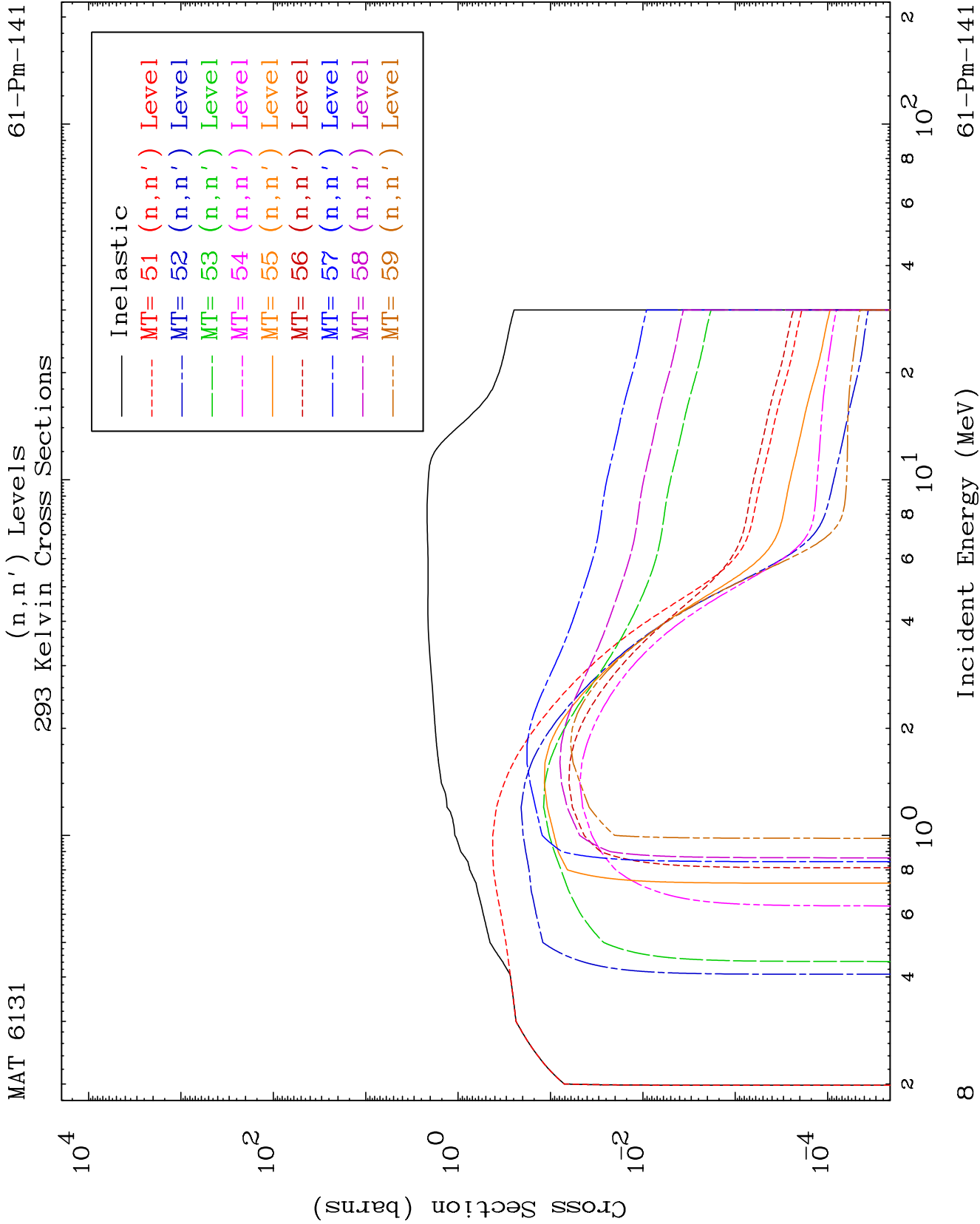


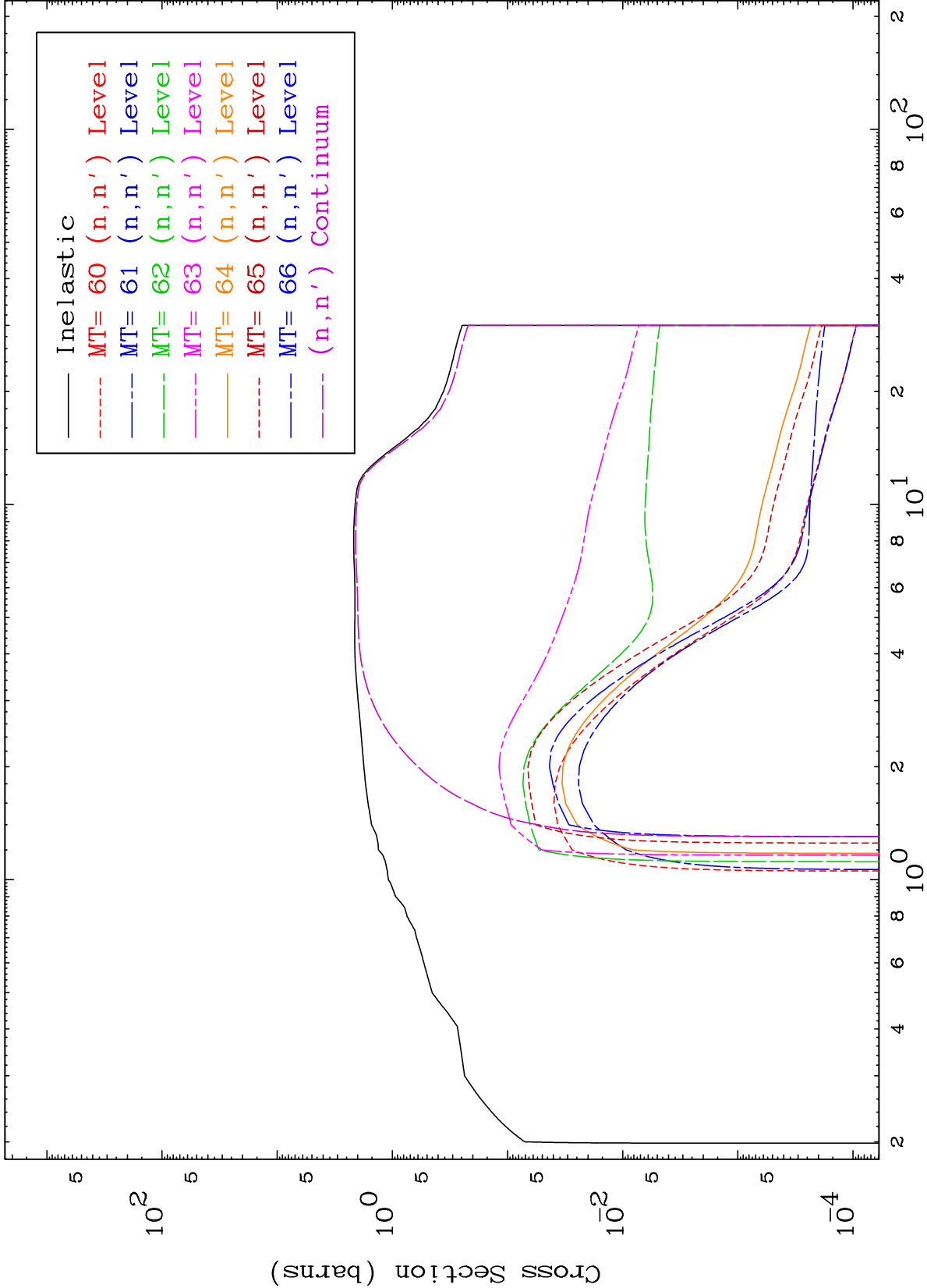


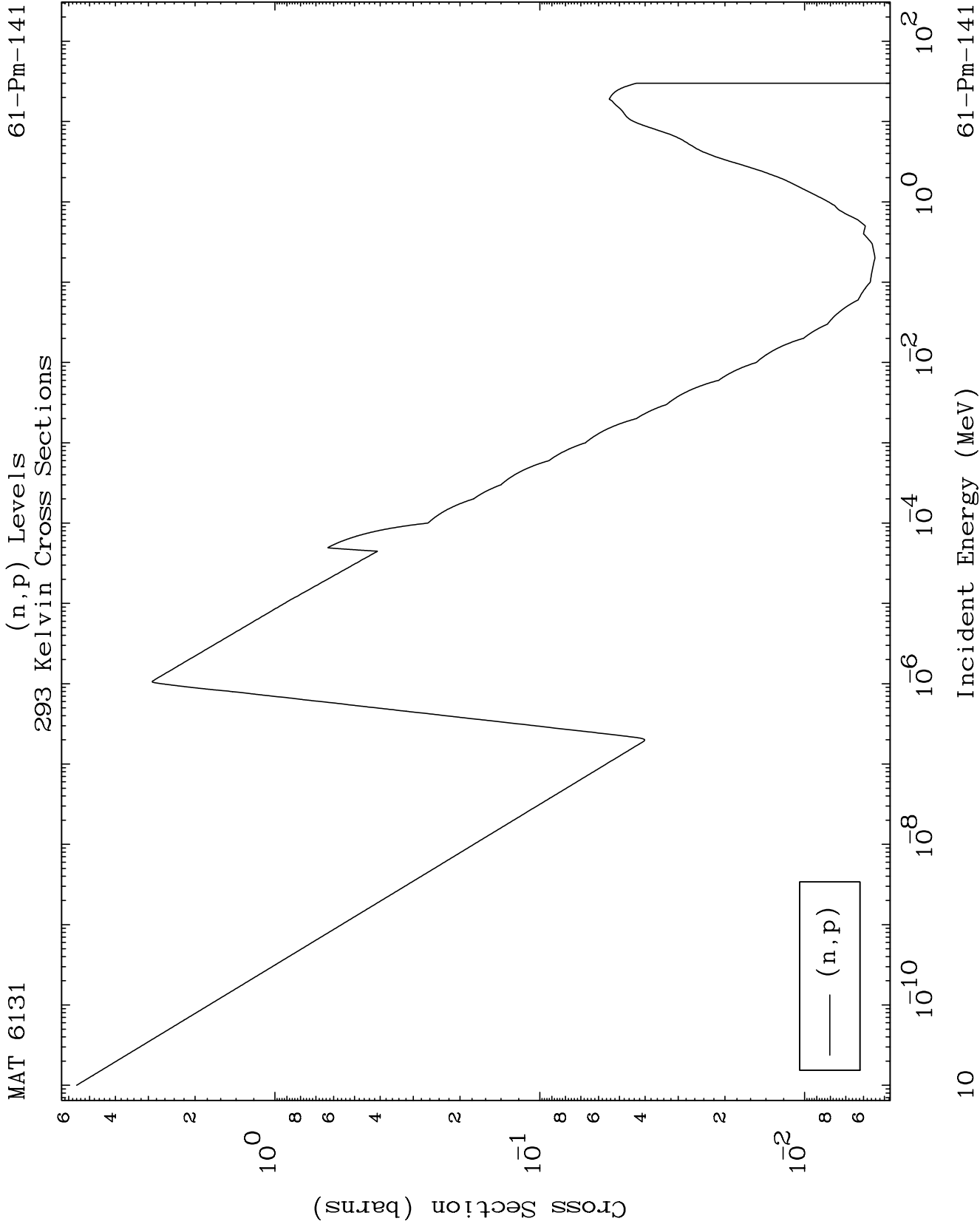








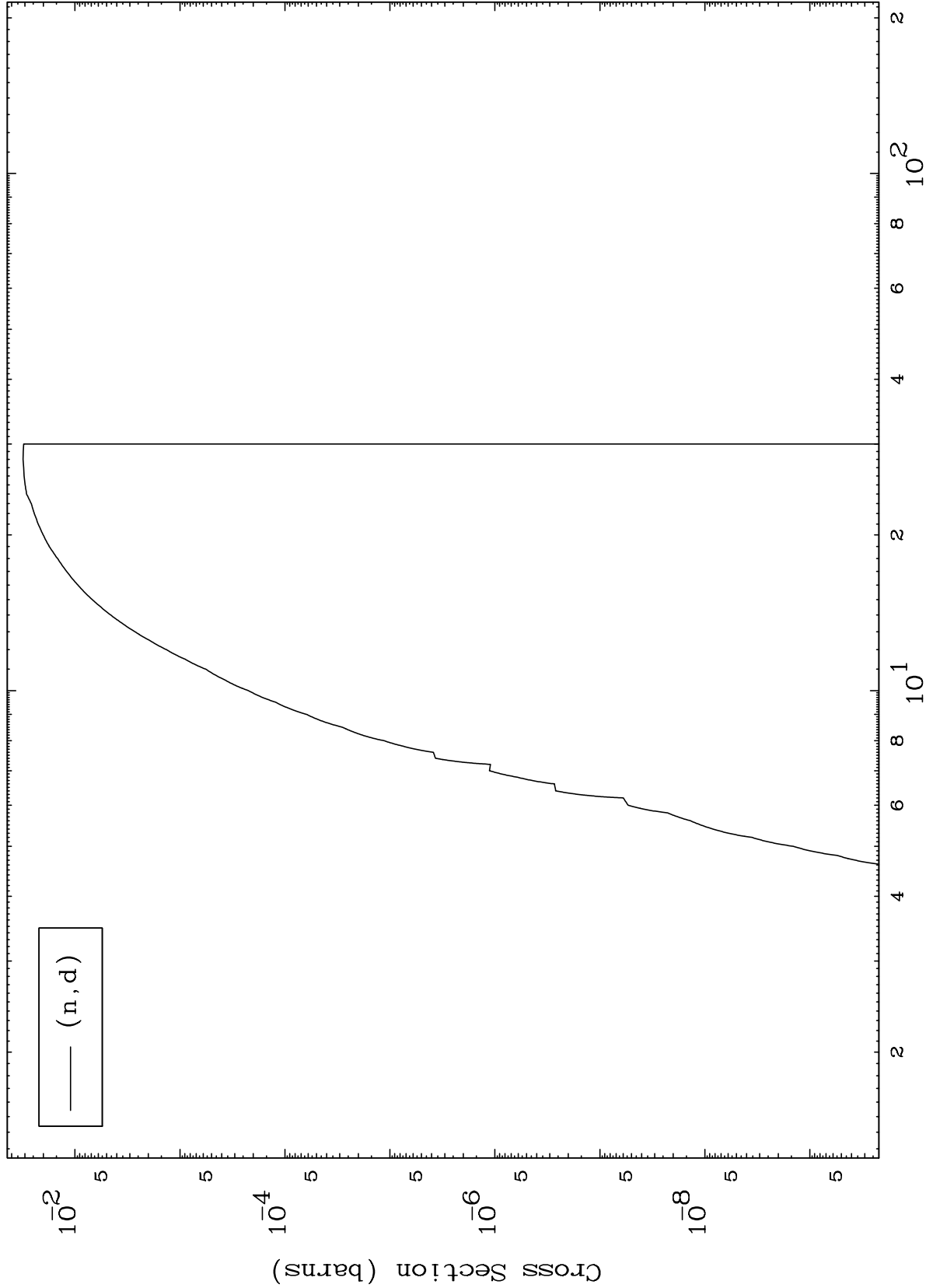




MAT 6131

61-Pm-141

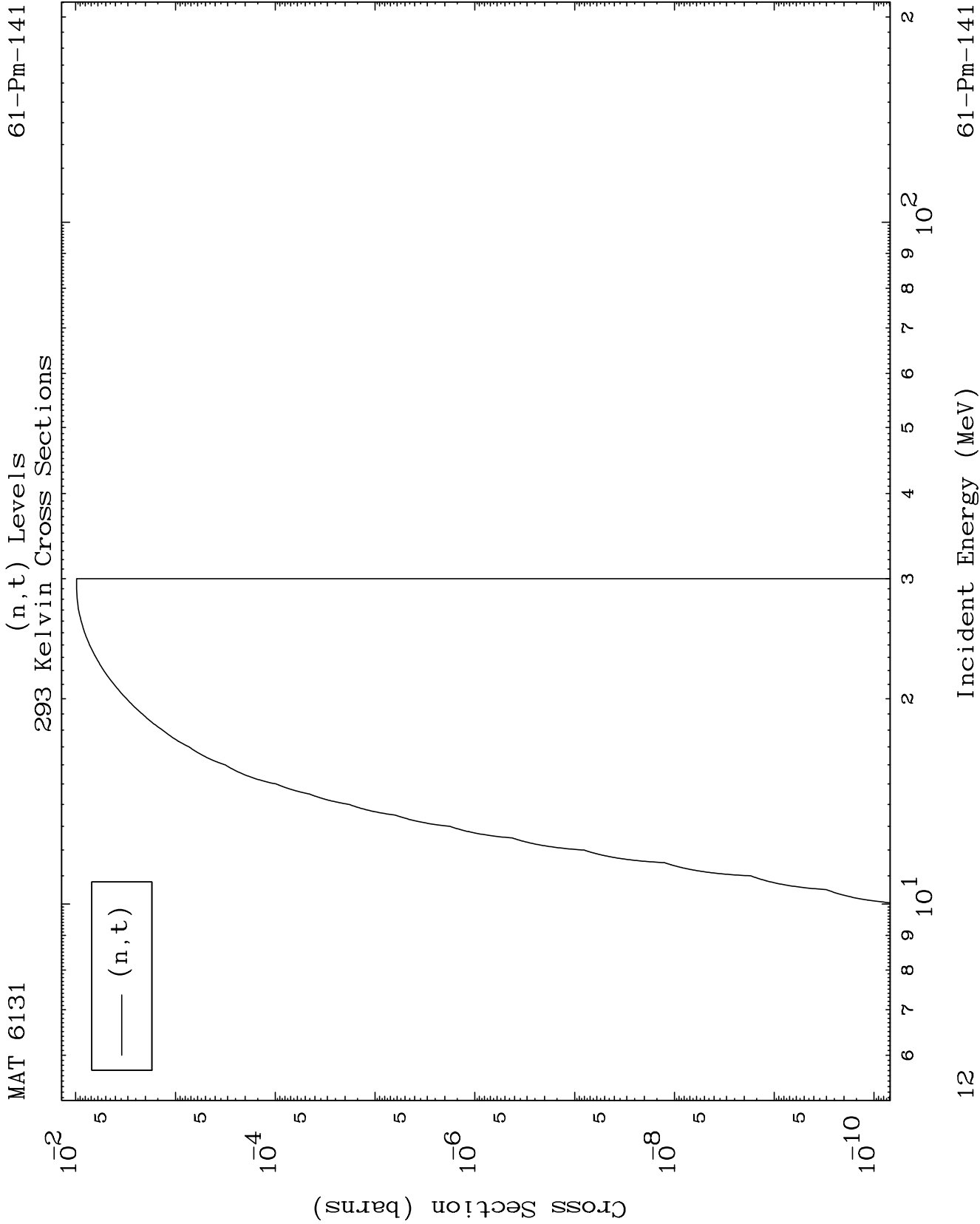
(n,d) Levels
293 Kelvin Cross Sections



11

Incident Energy (MeV)

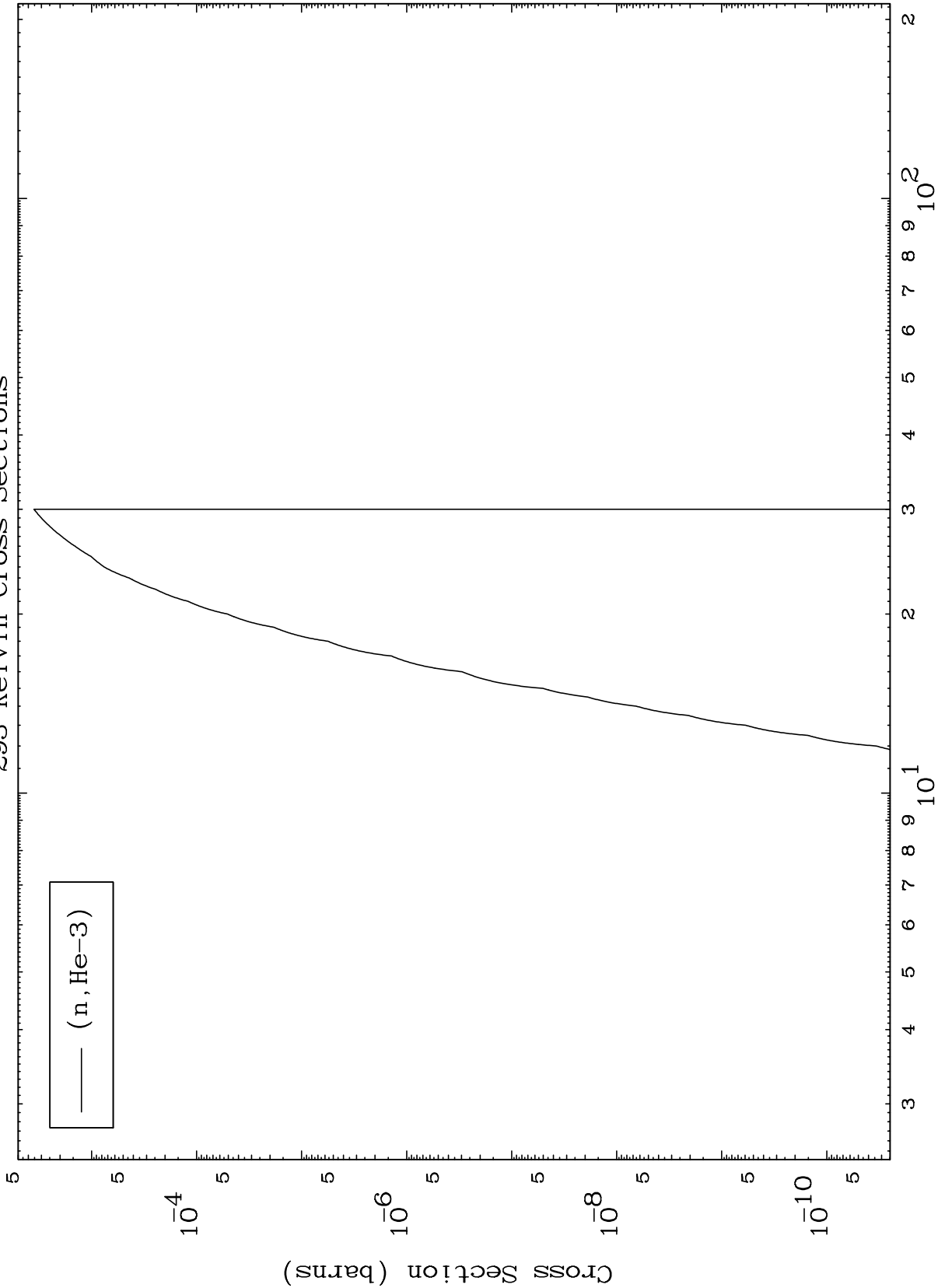
61-Pm-141

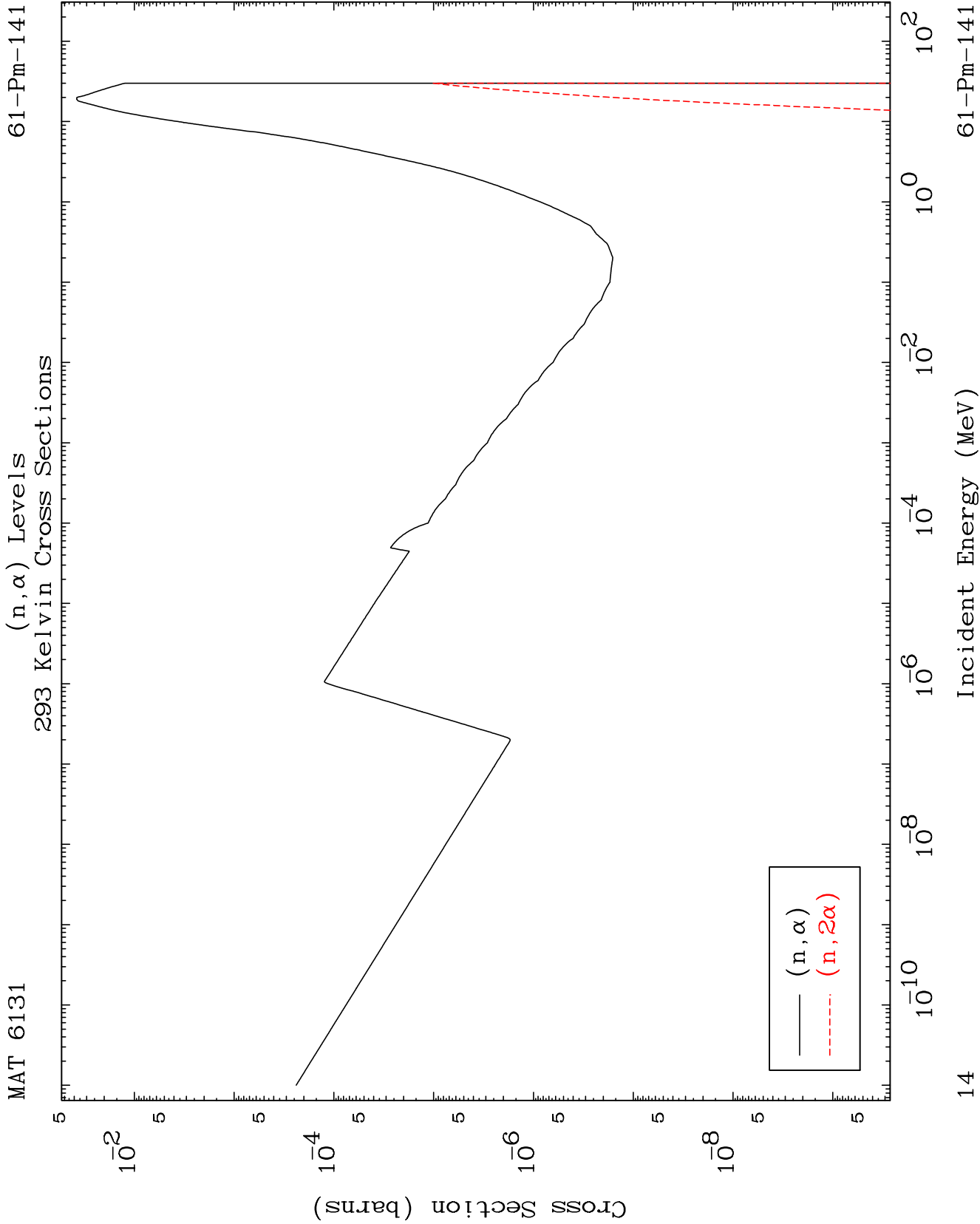


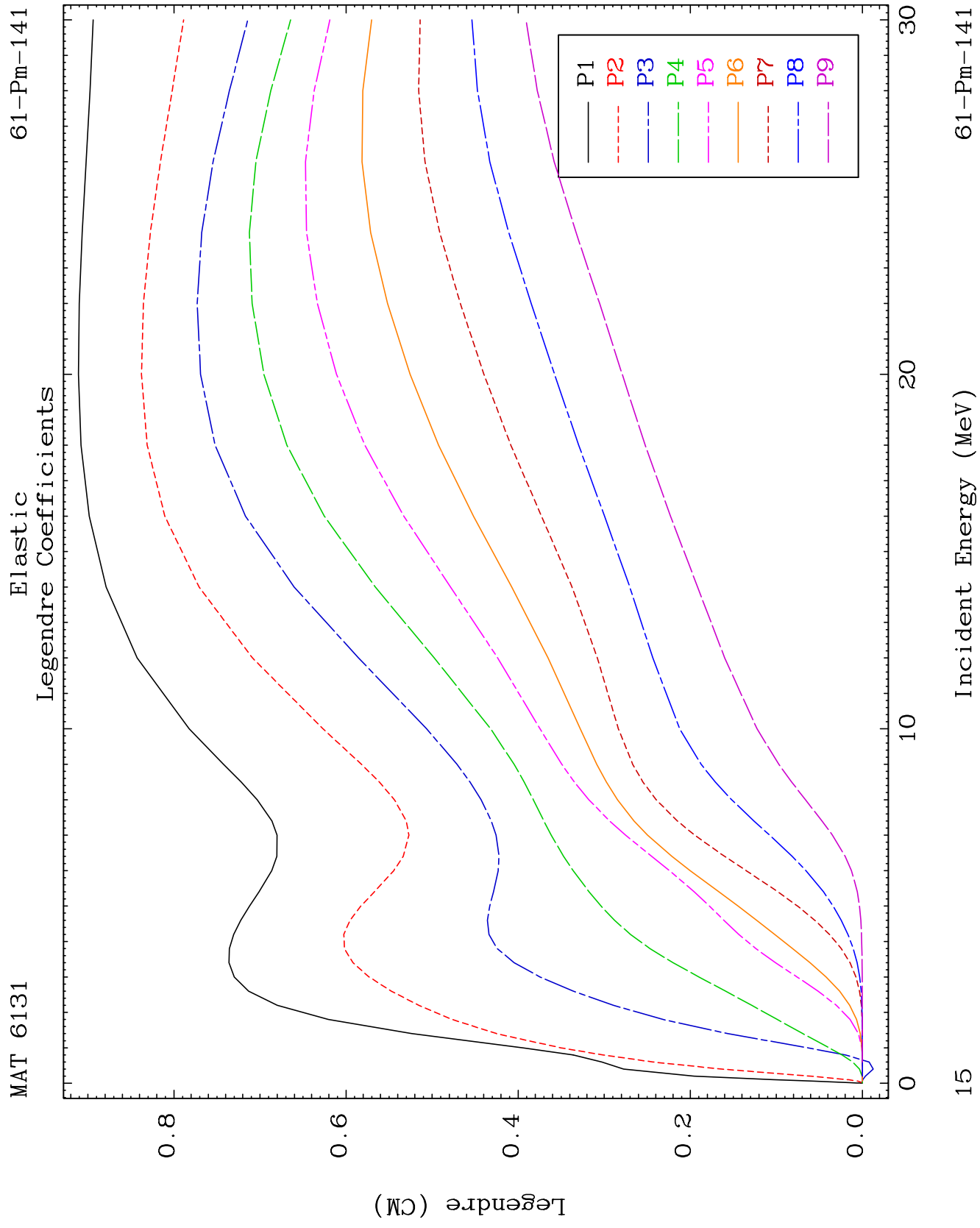
MAT 6131

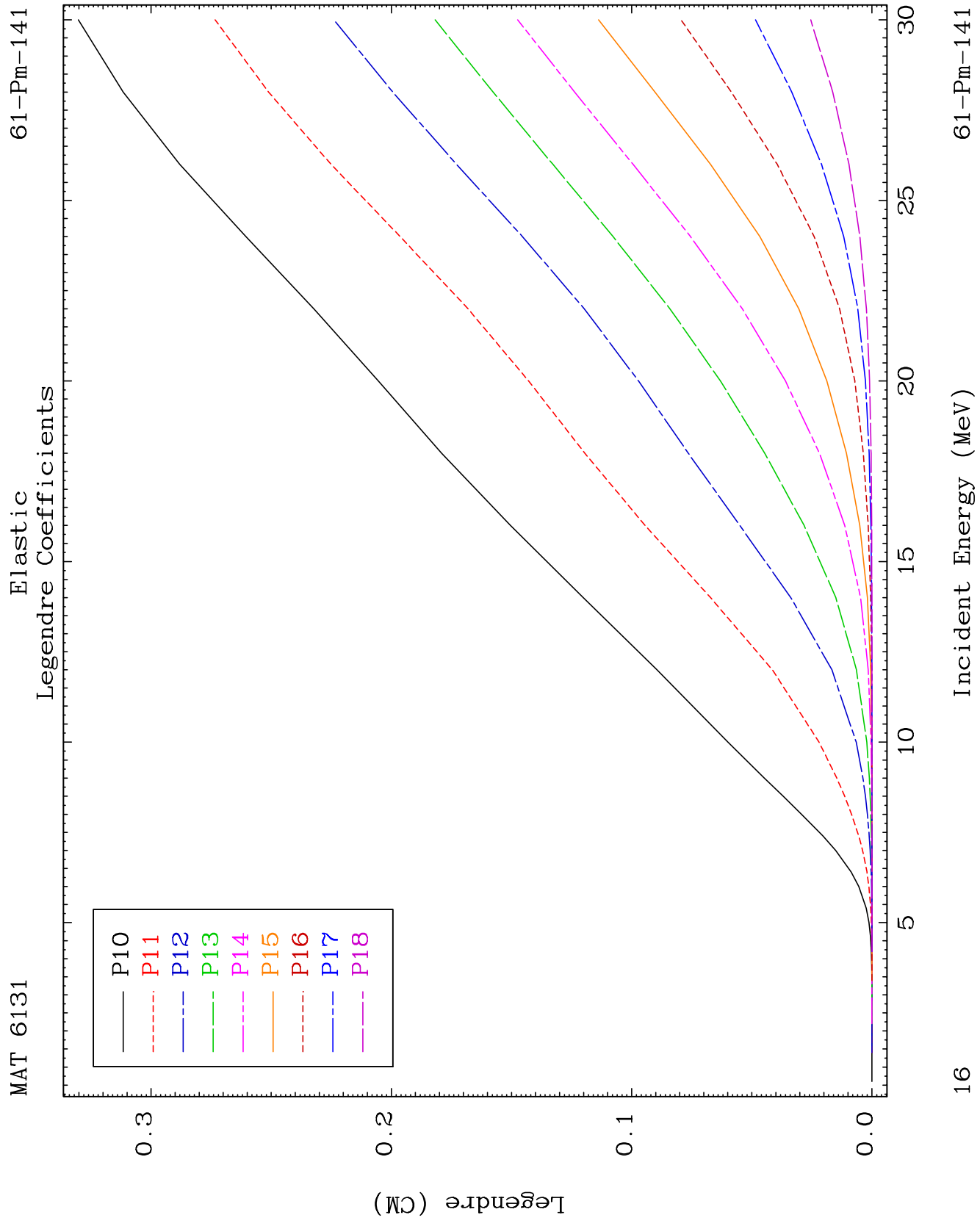
(n,He3) Levels
293 Kelvin Cross Sections

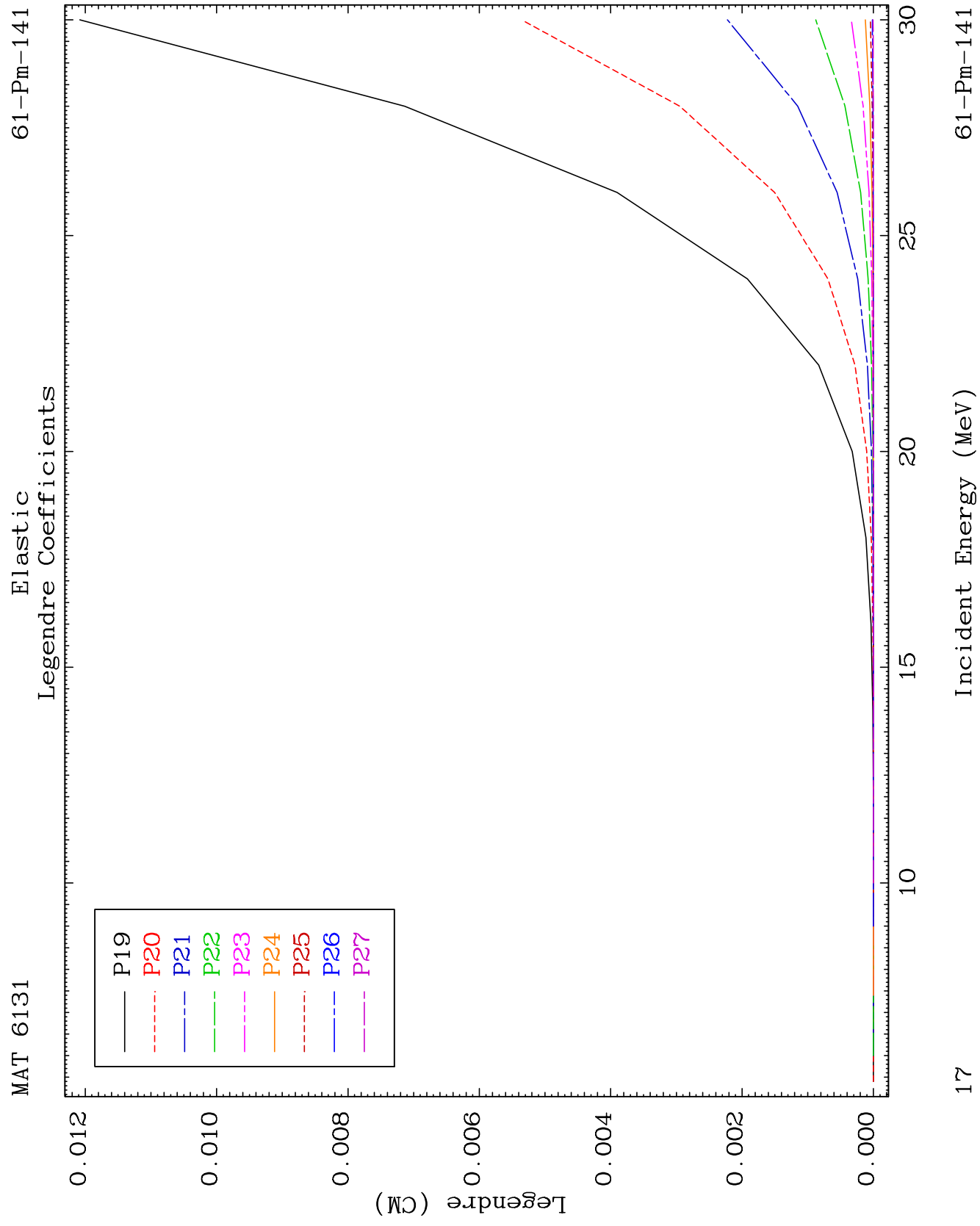
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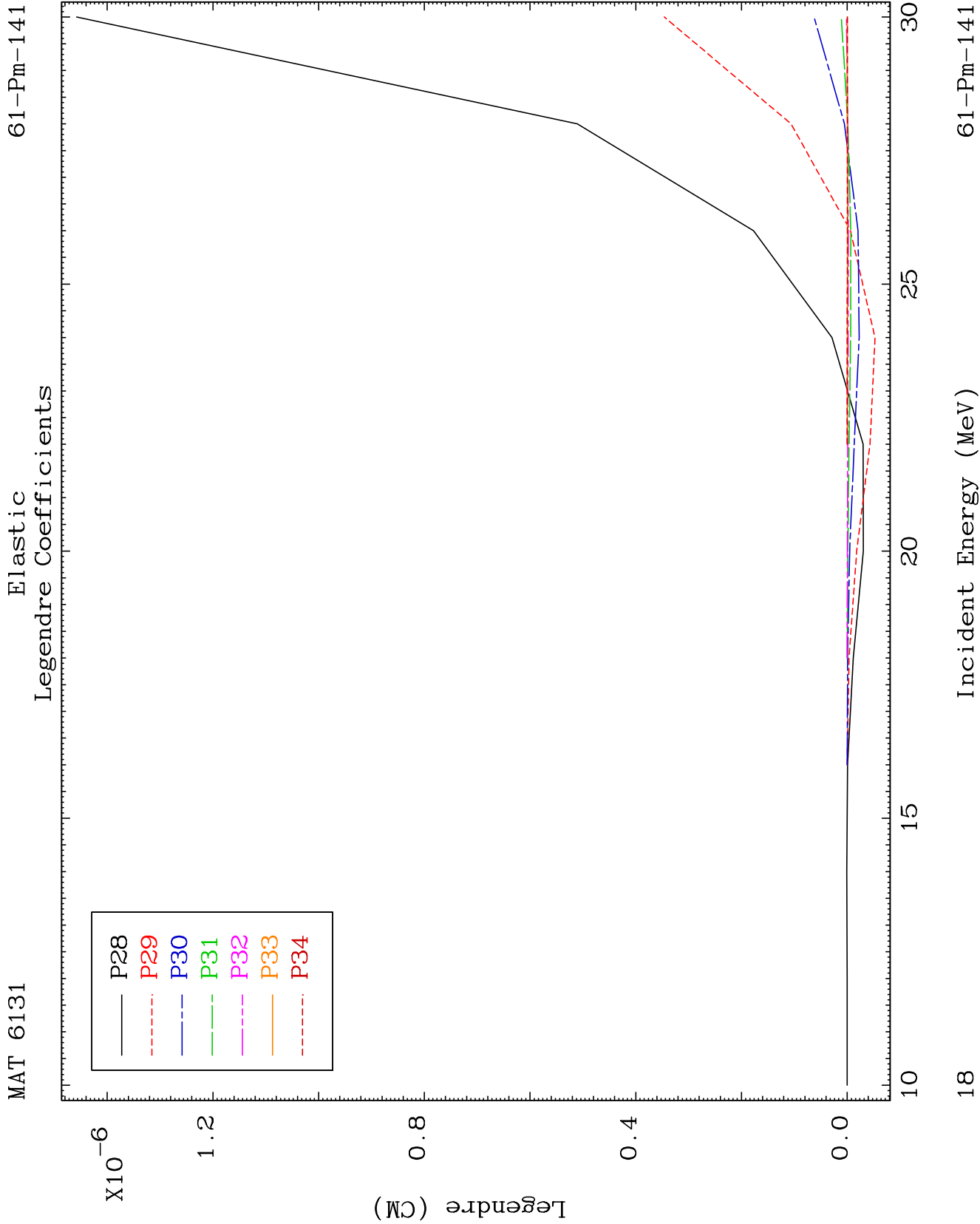


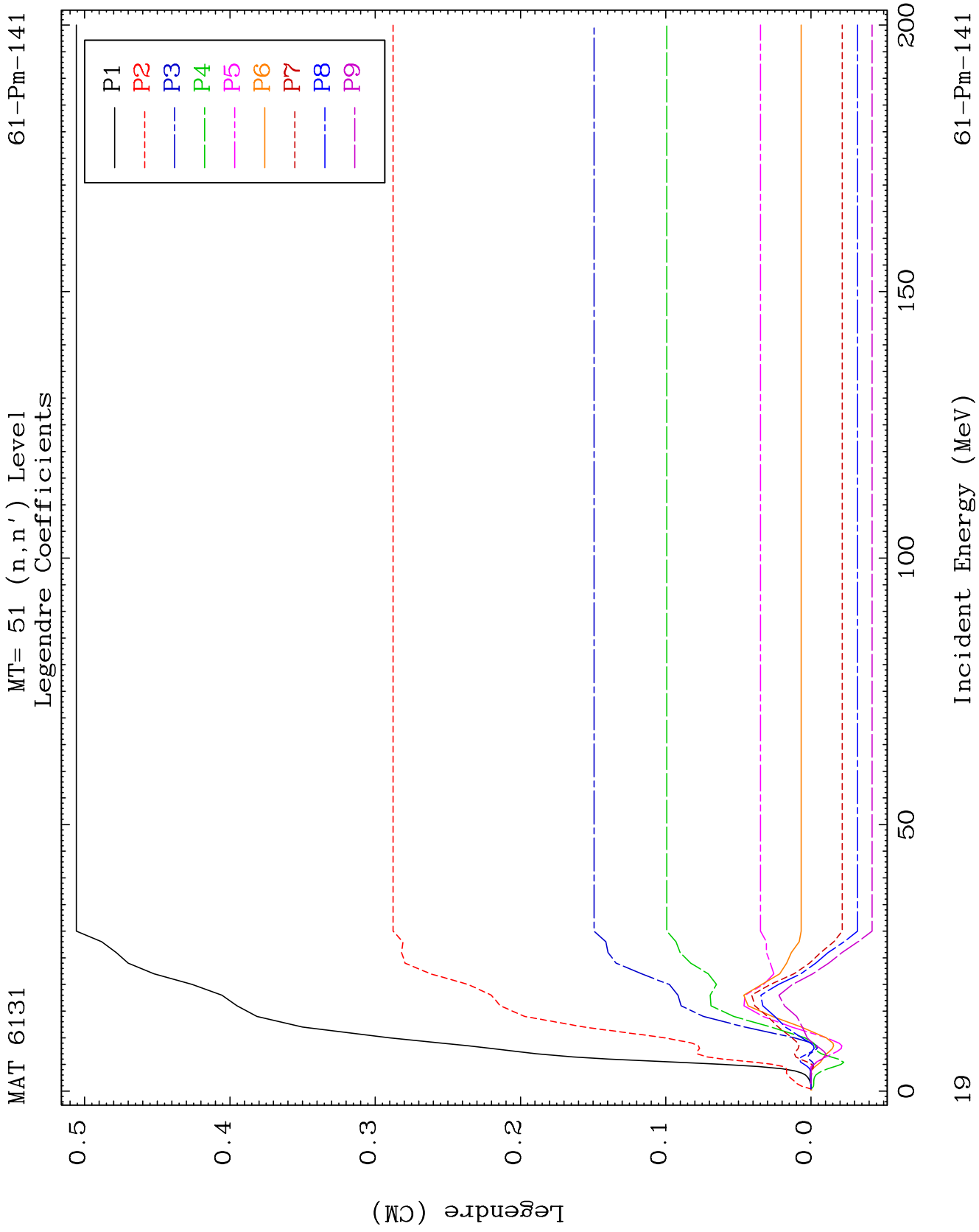


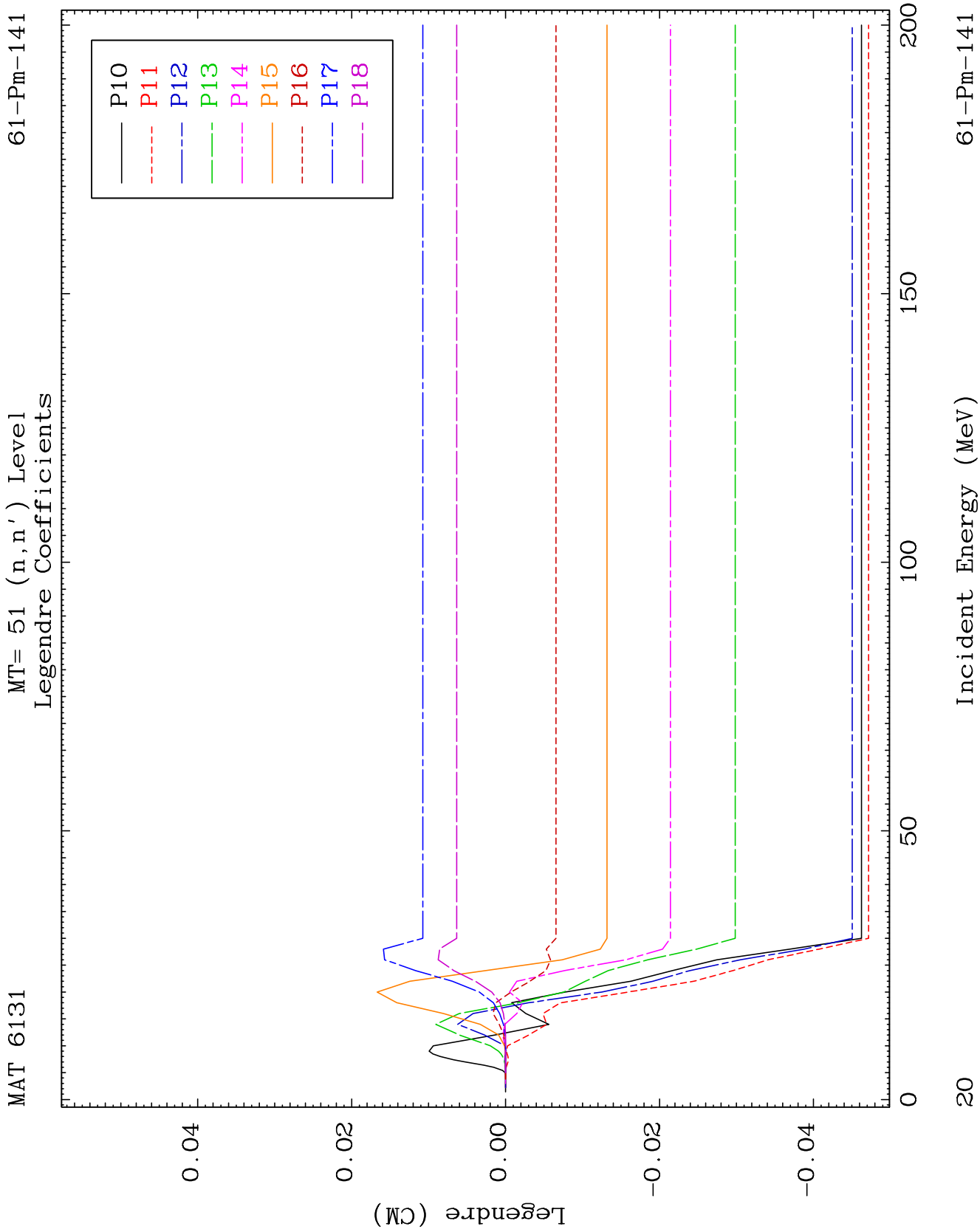








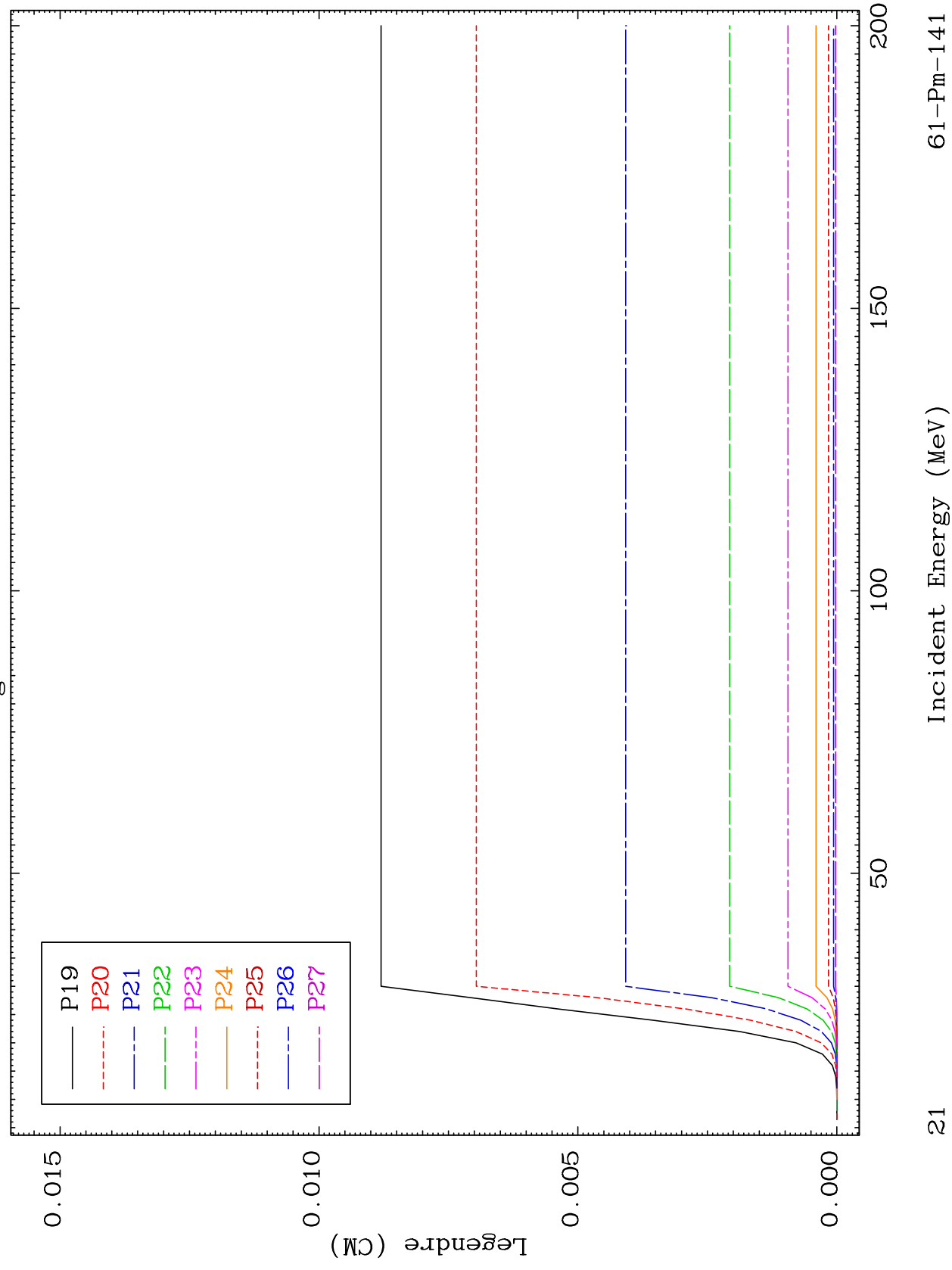




MAT 6131

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

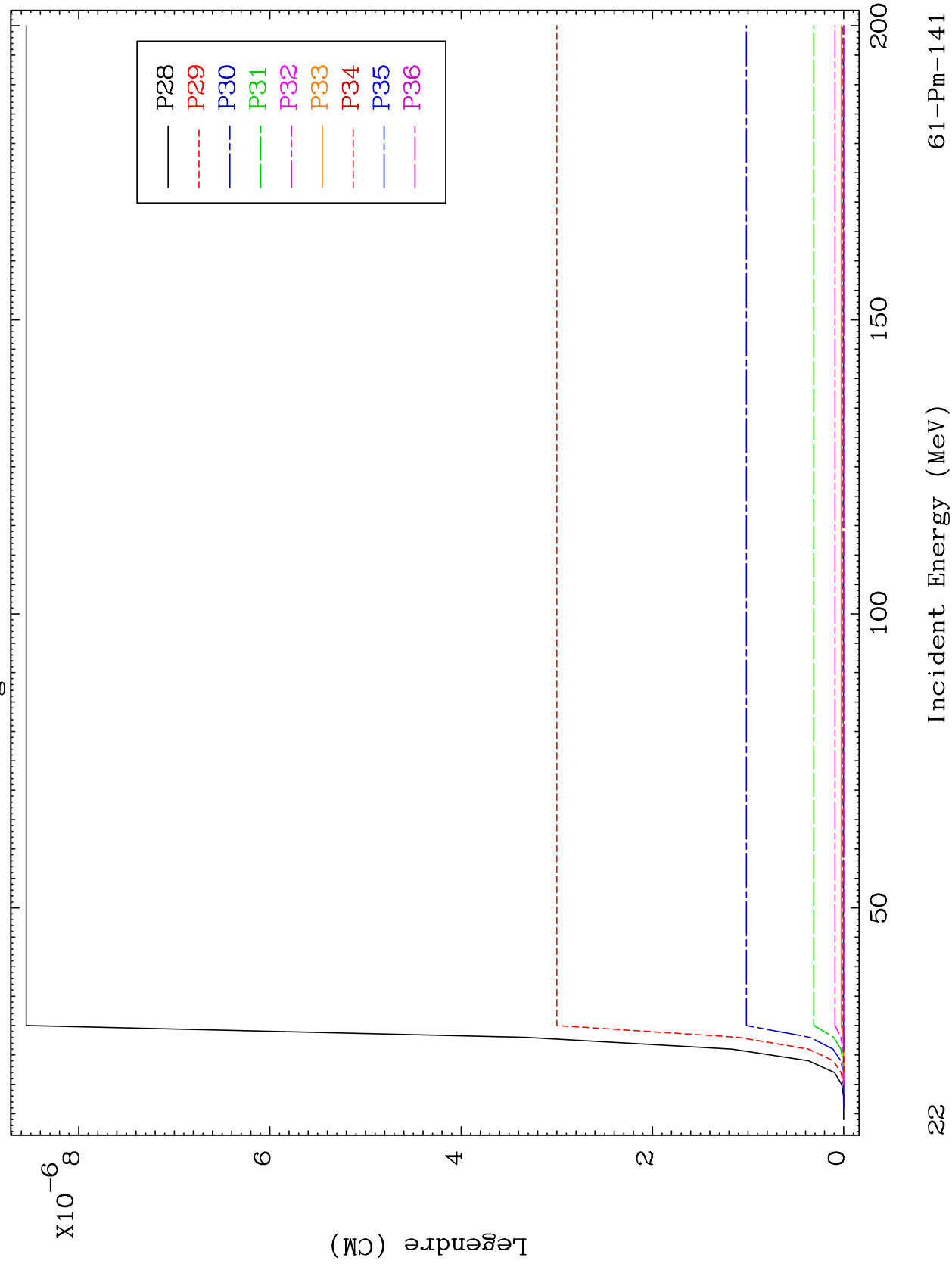
61-Pm-141



MAT 6131

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

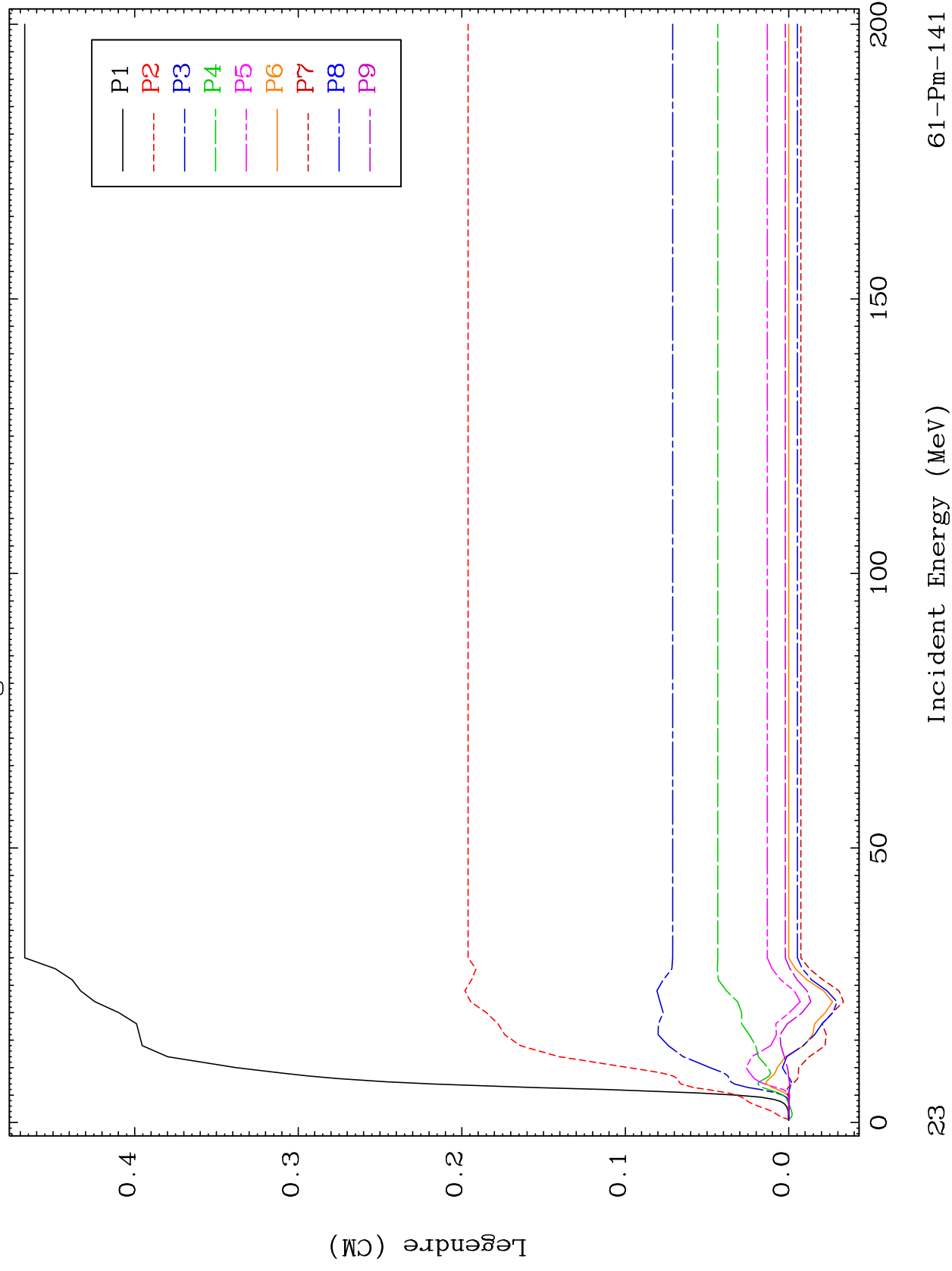
61-Pm-141

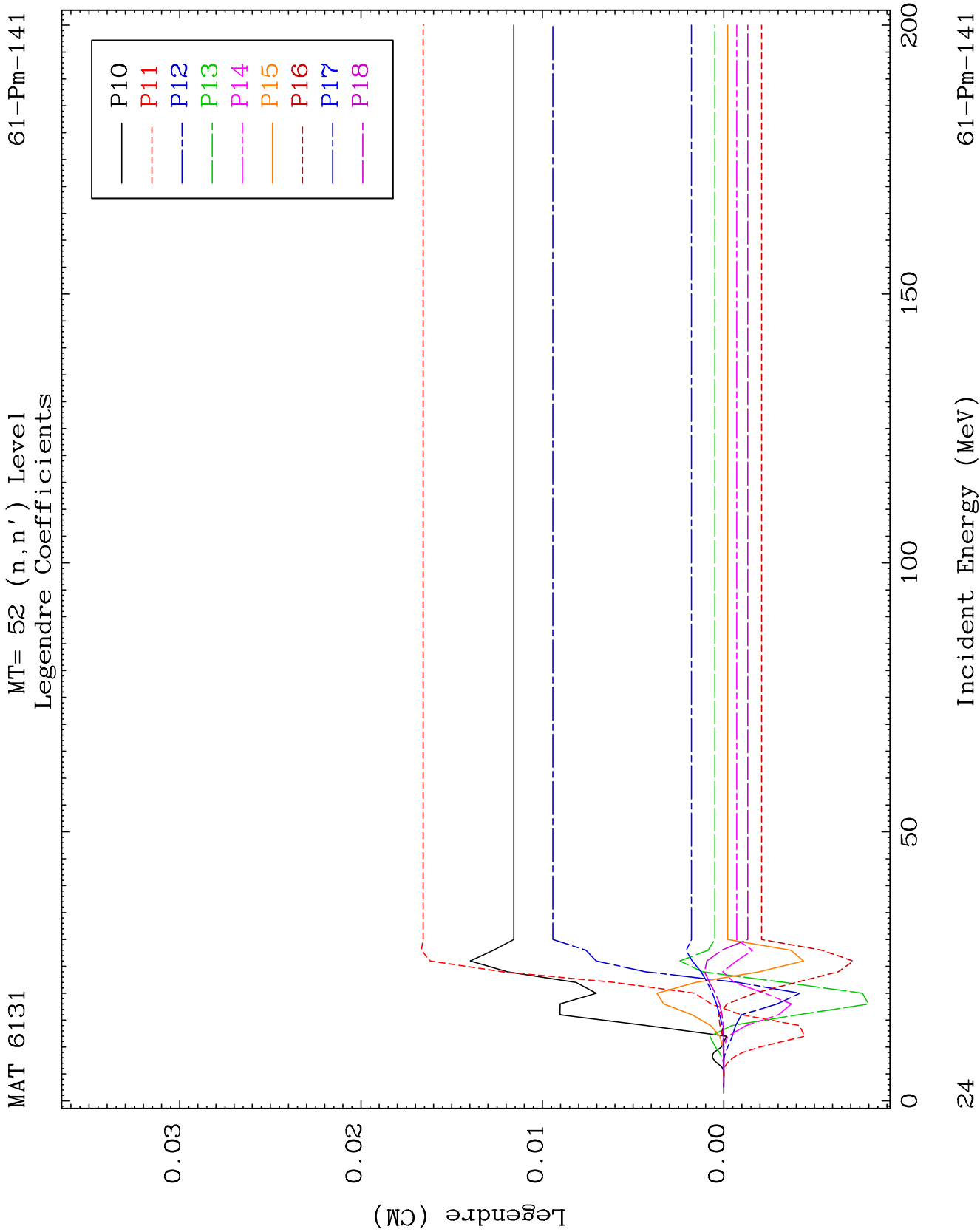


MAT 6131

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

61-Pm-141

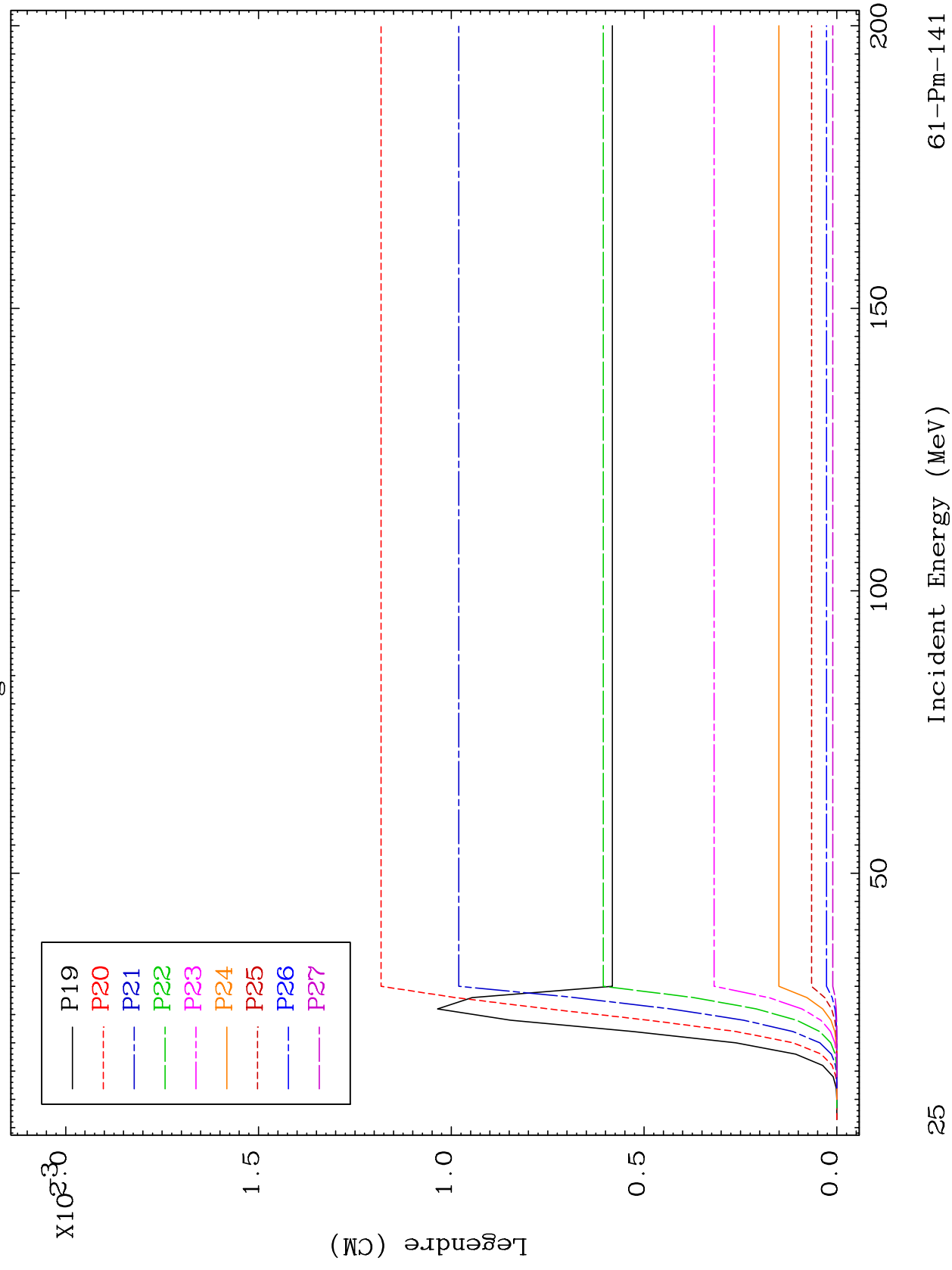


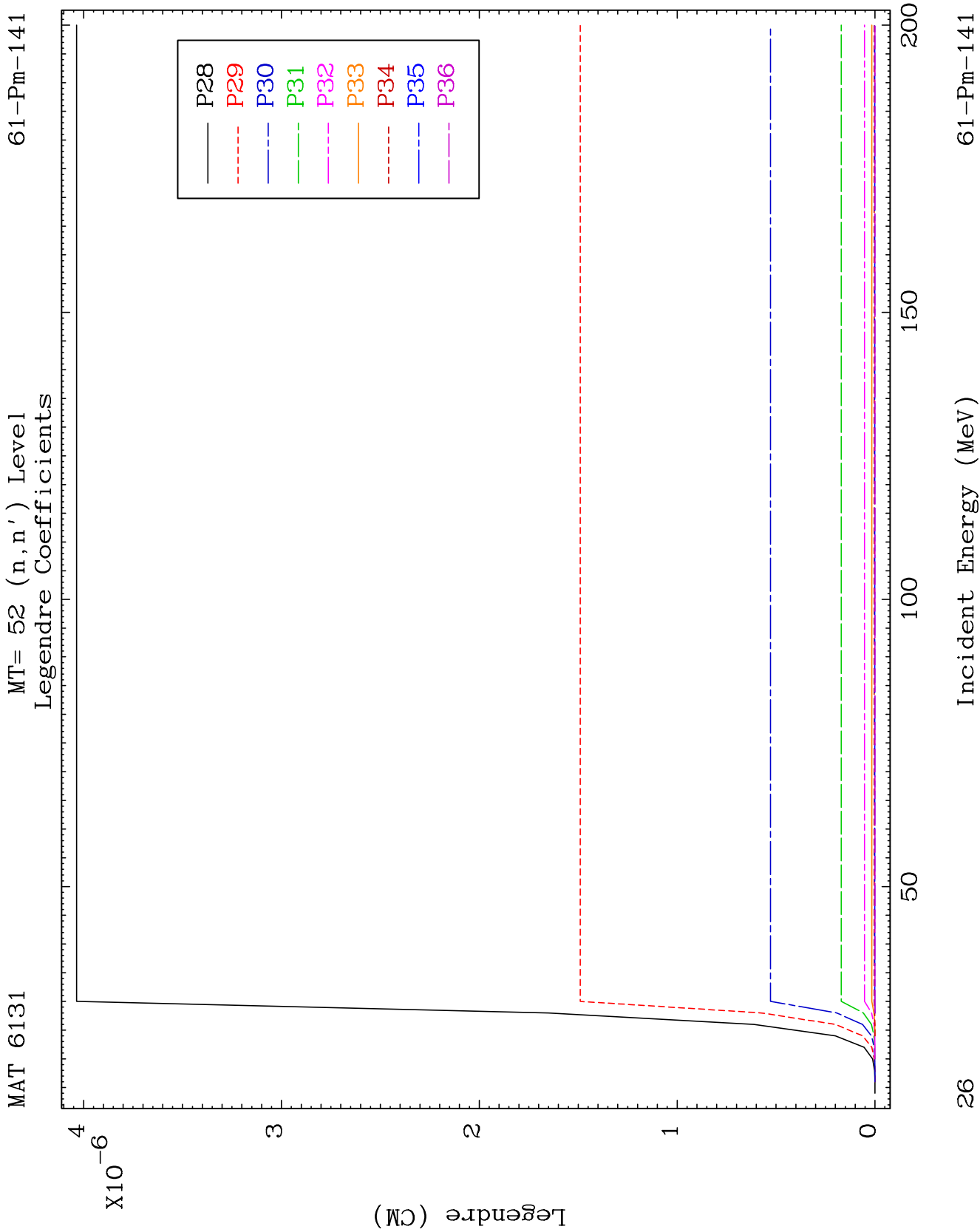


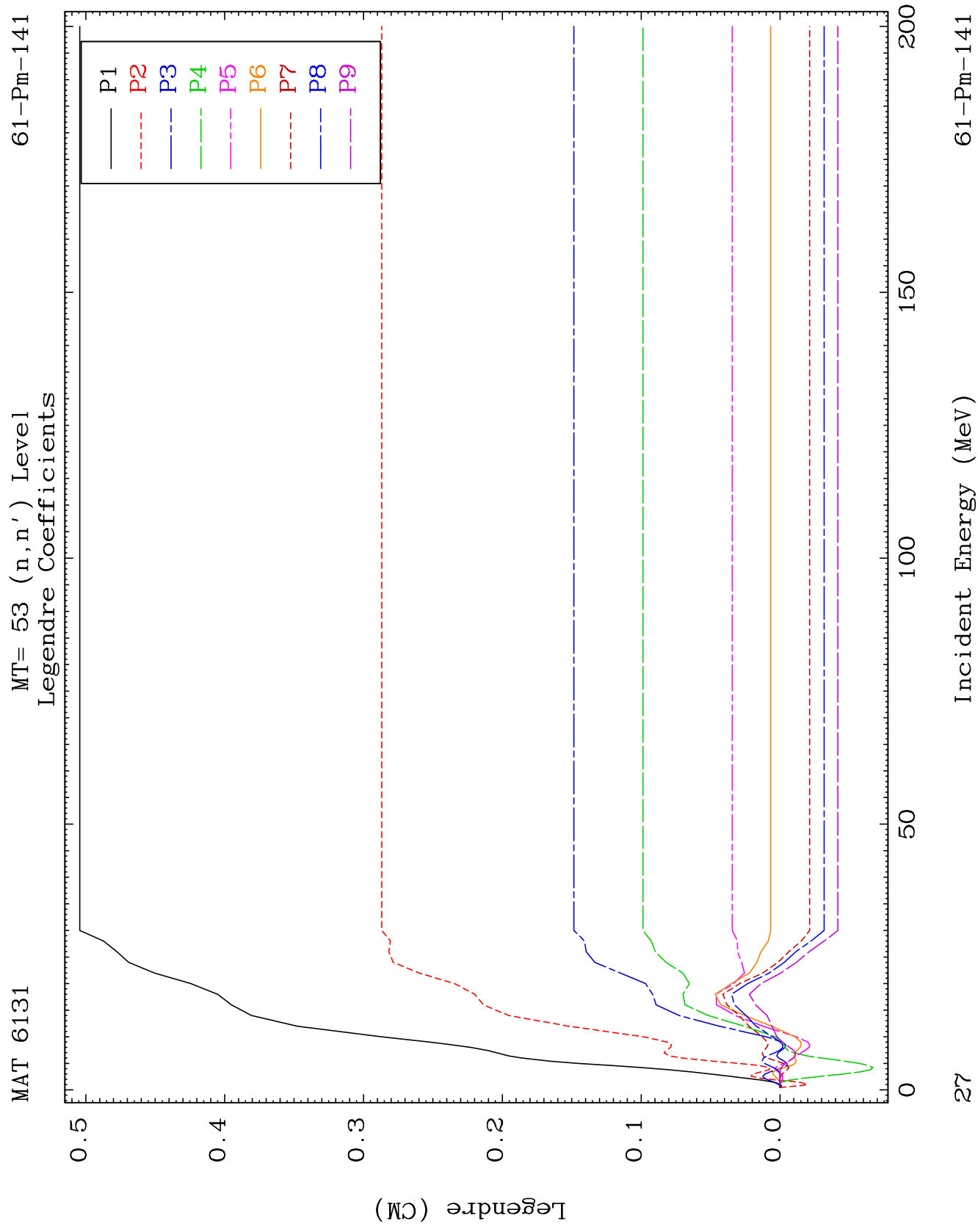
MAT 6131

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

61-Pm-141



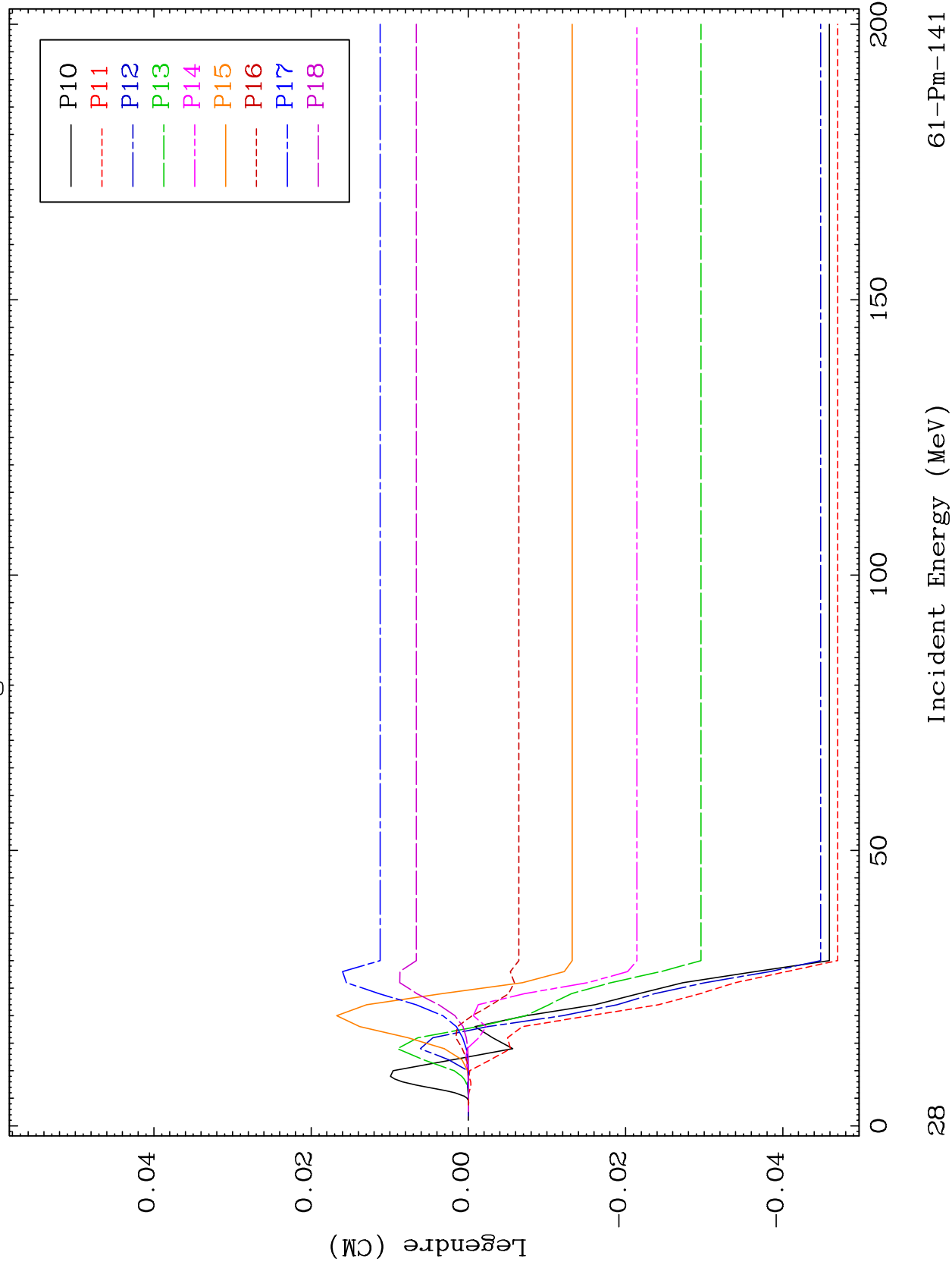


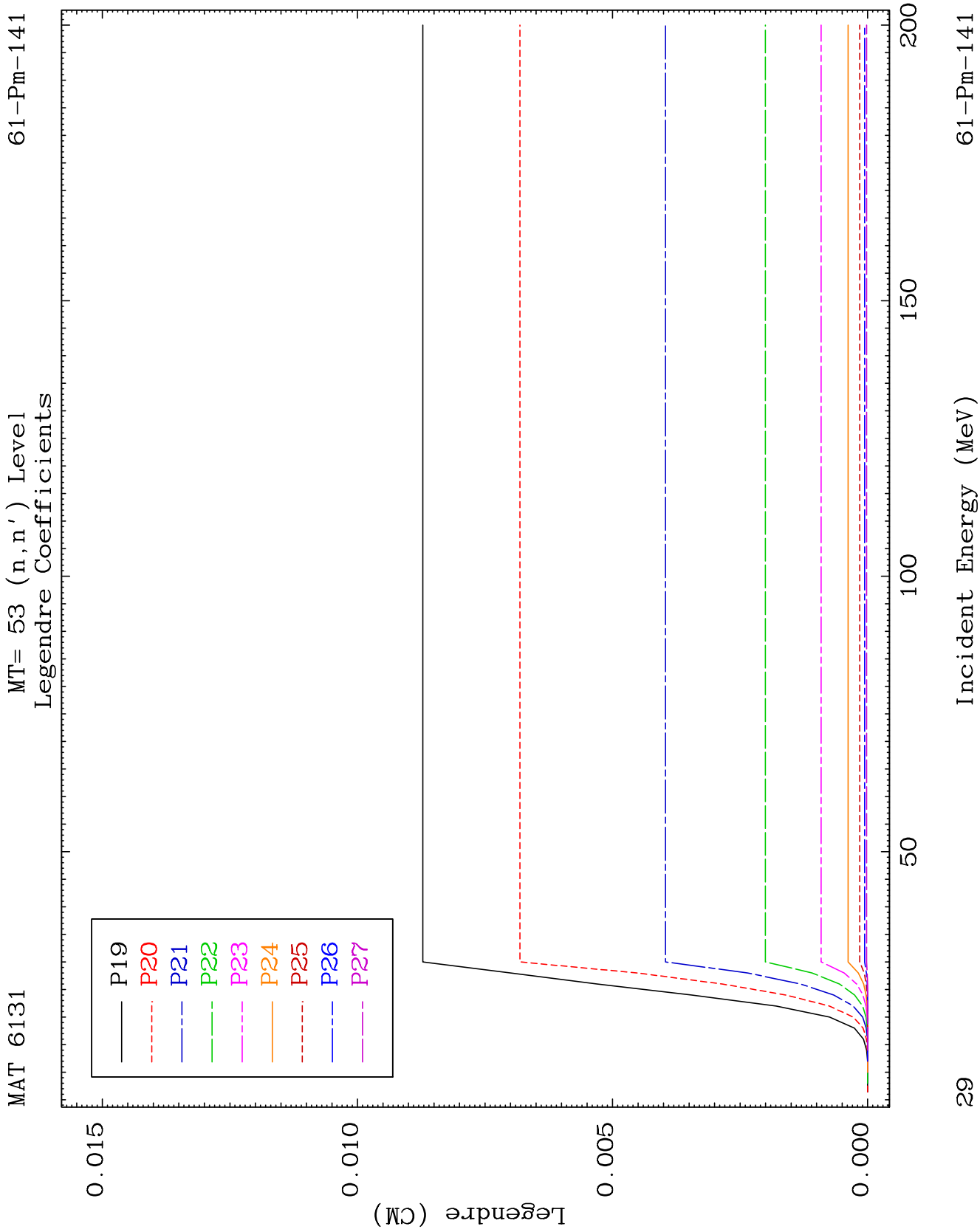


MAT 6131

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

61-Pm-141

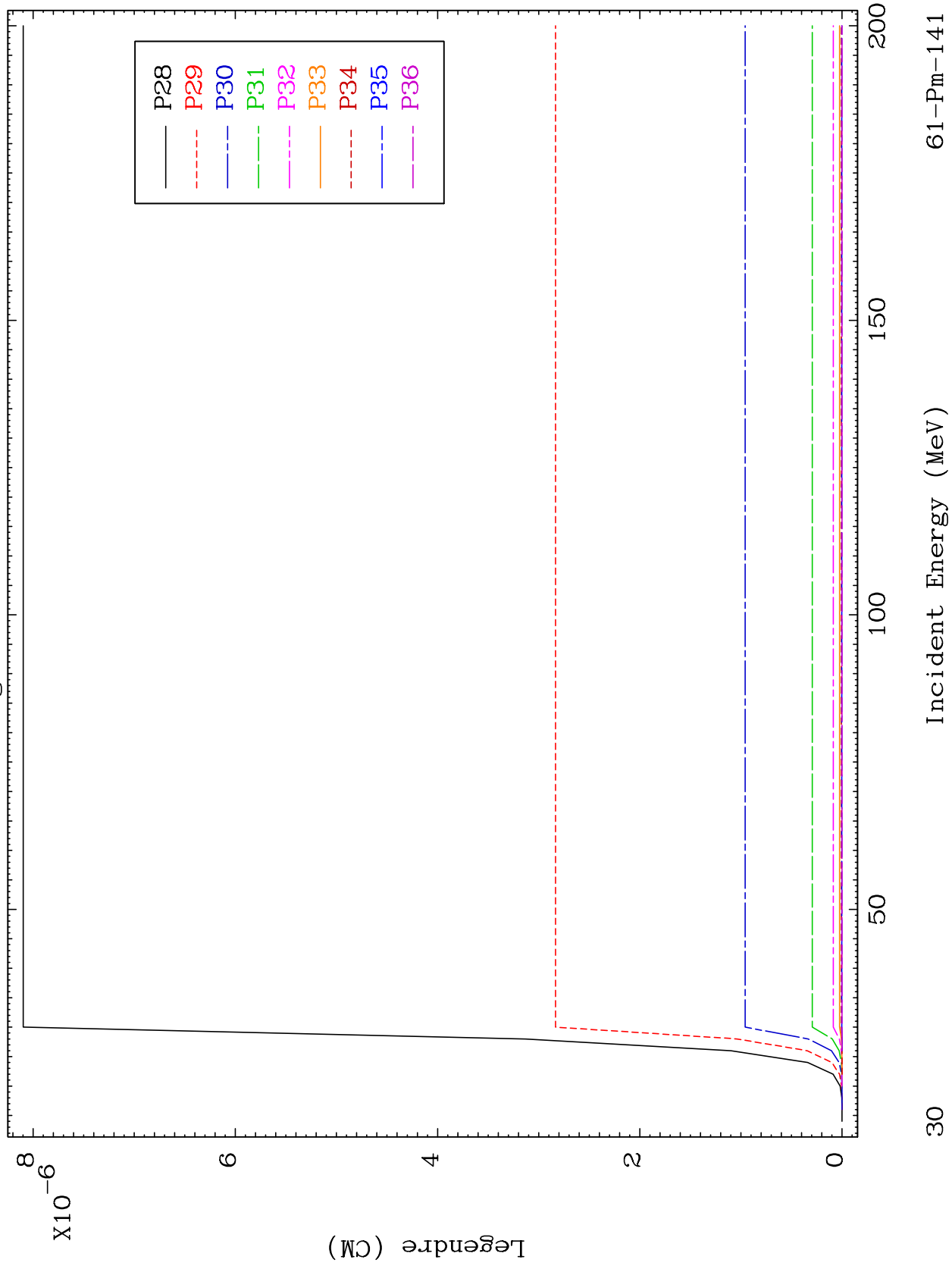


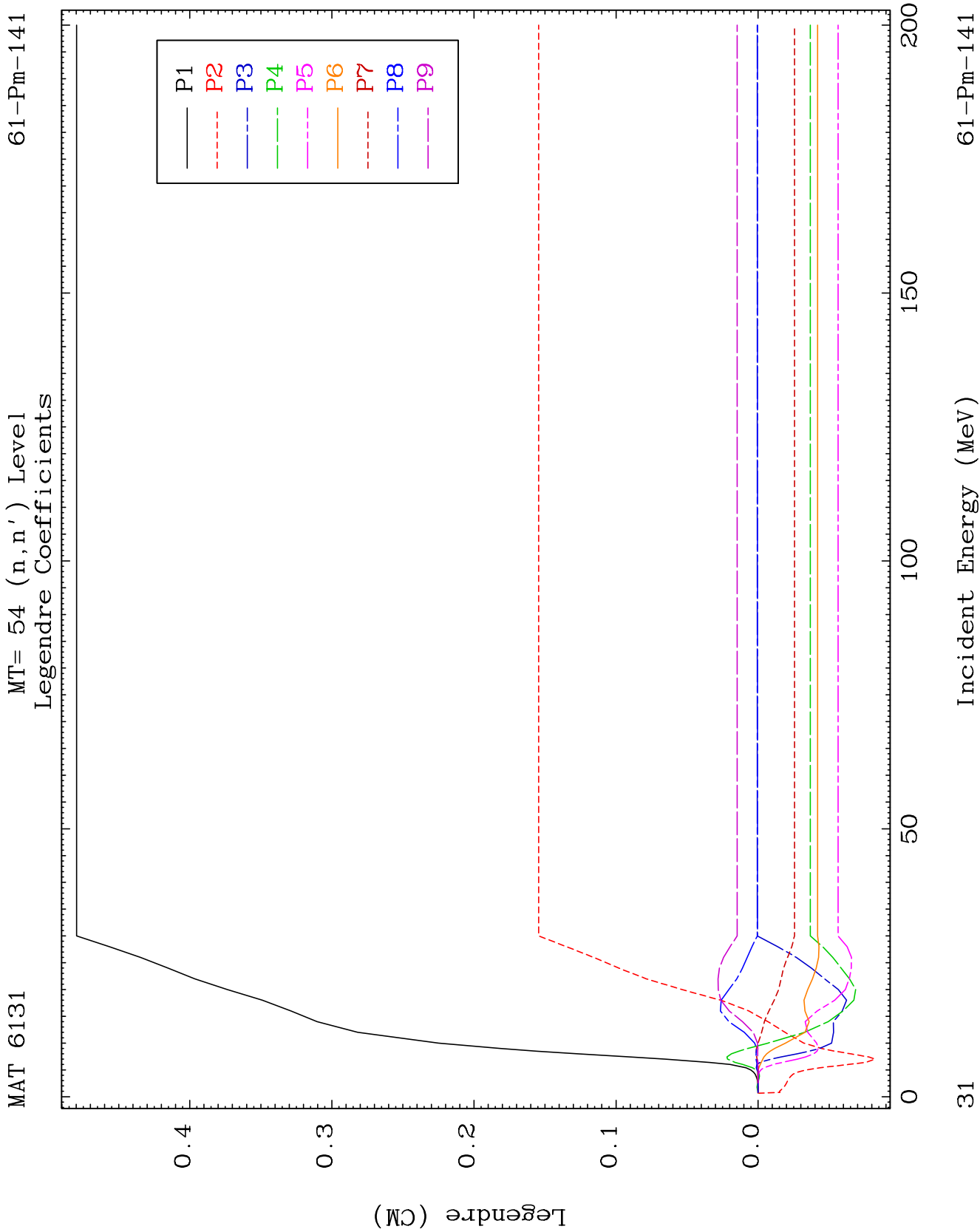


MAT 6131

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

61-Pm-141

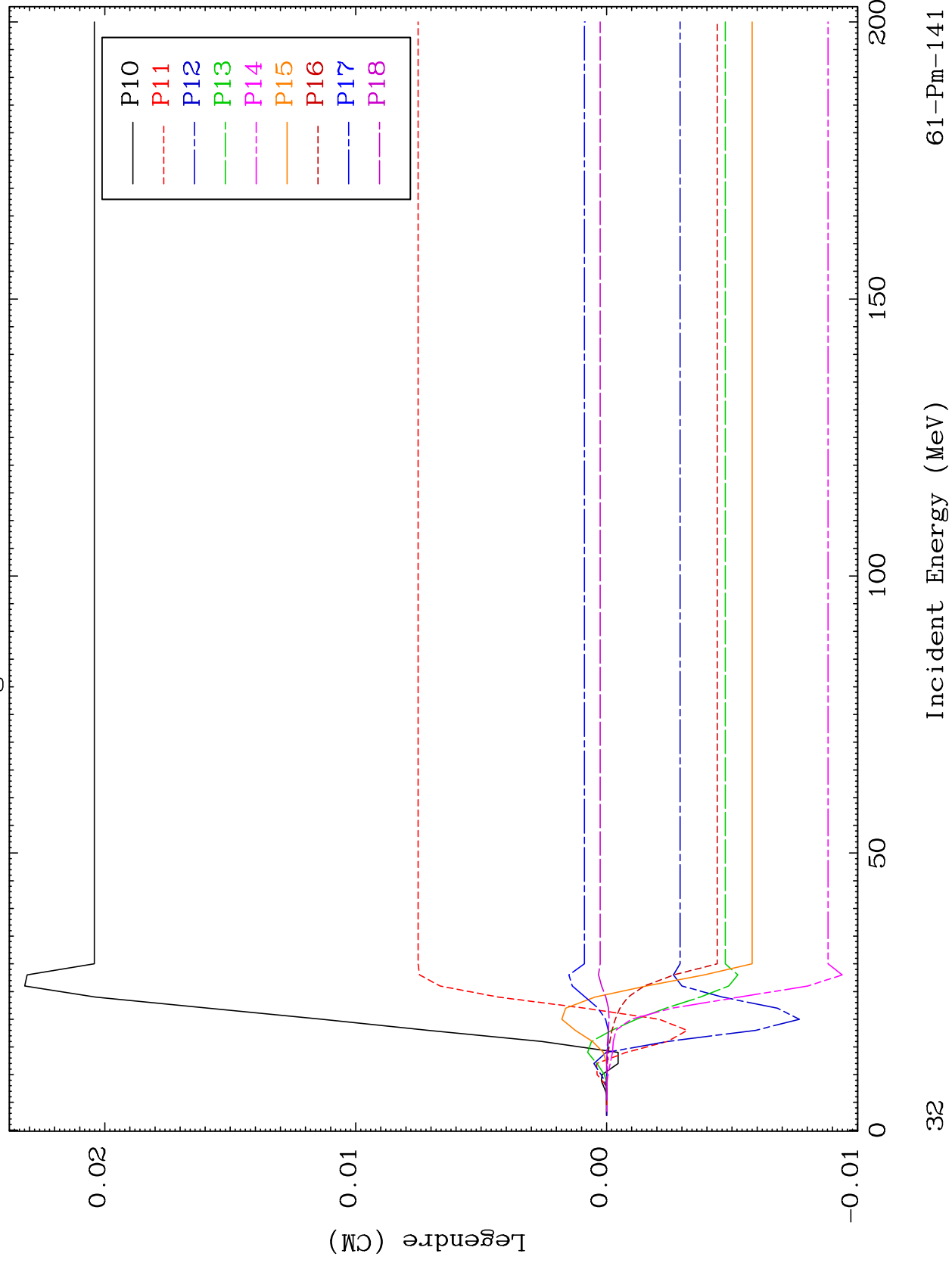


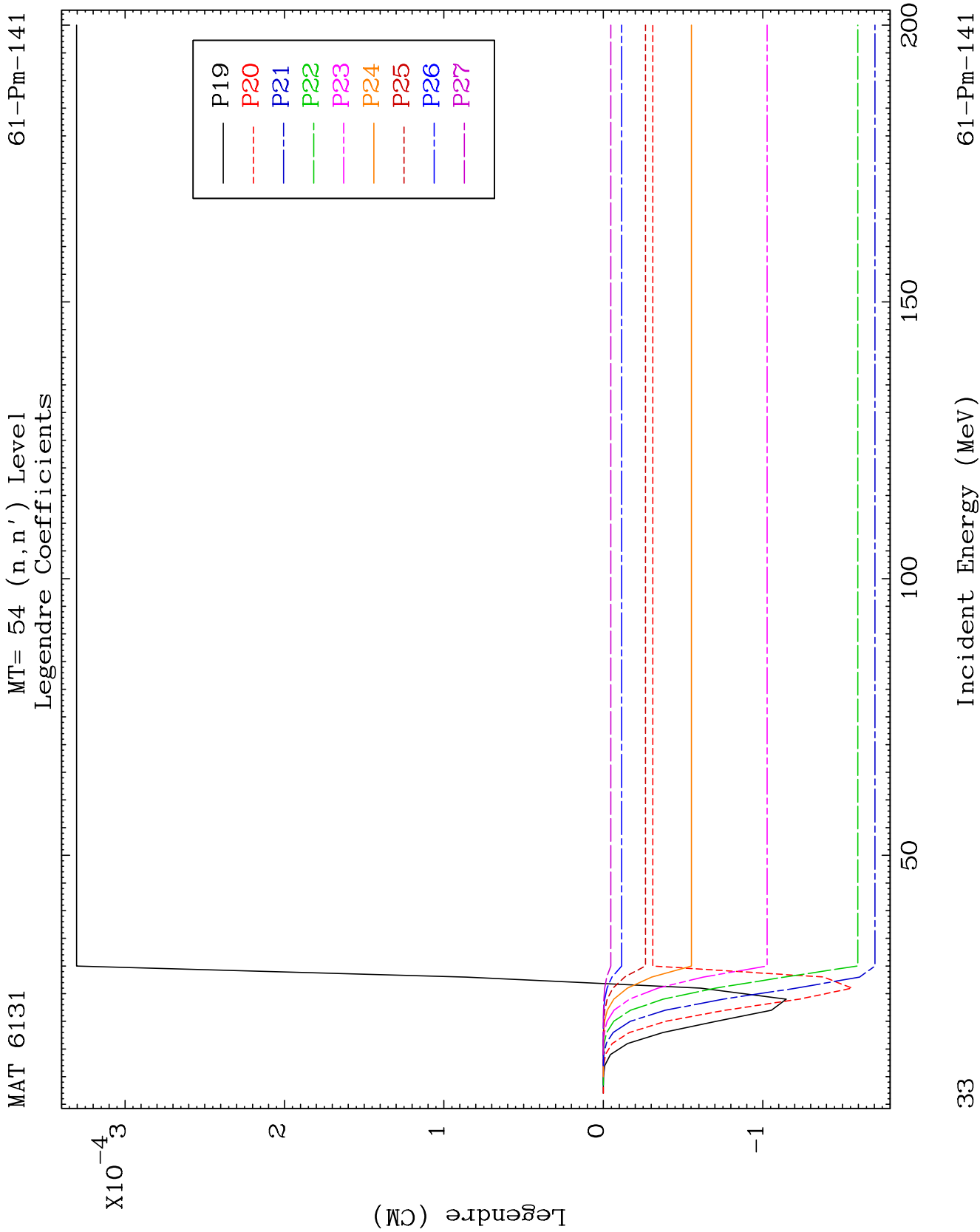


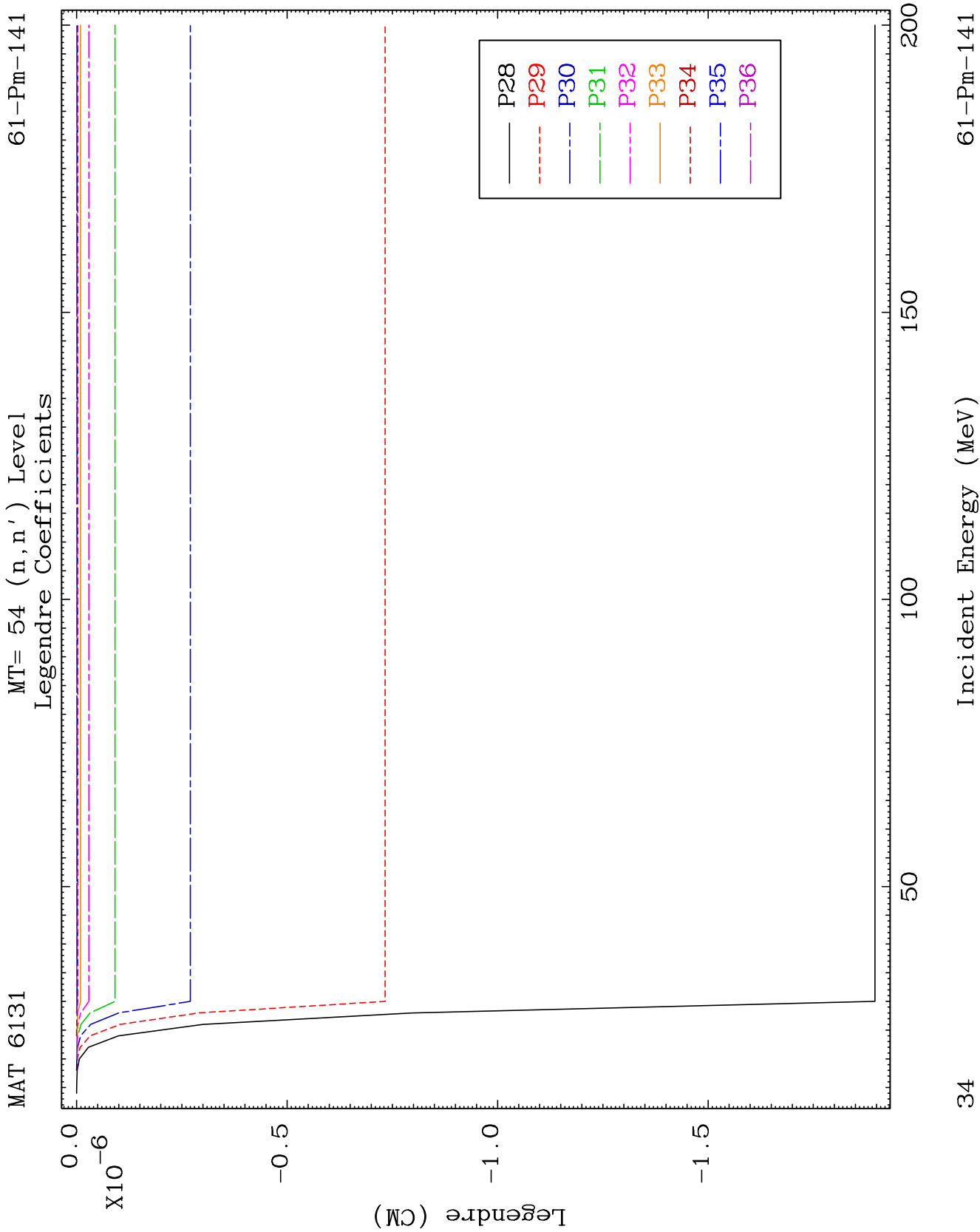
MAT 6131

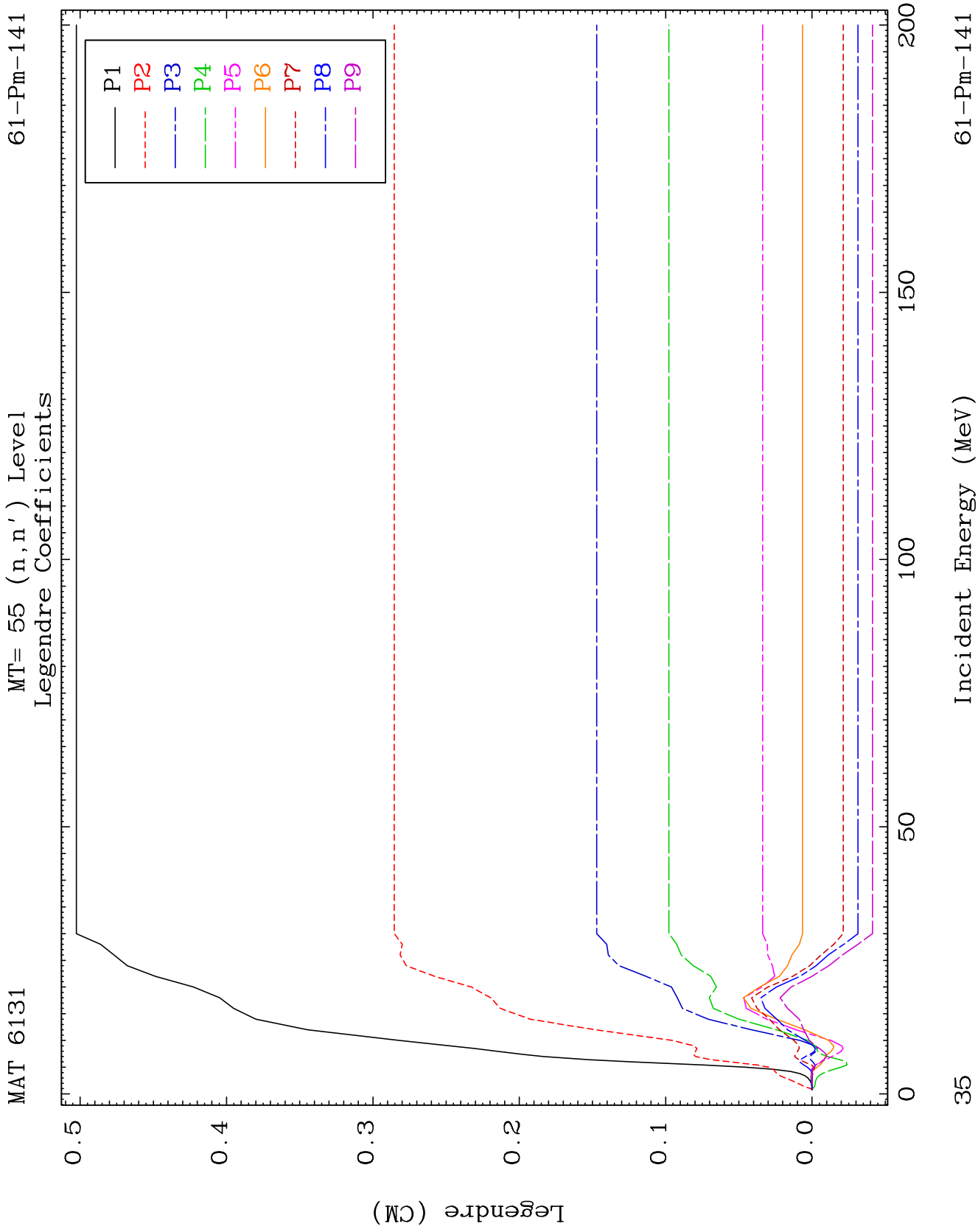
MT= 54 (n, n') Level
Legendre Coefficients

61-Pm-141





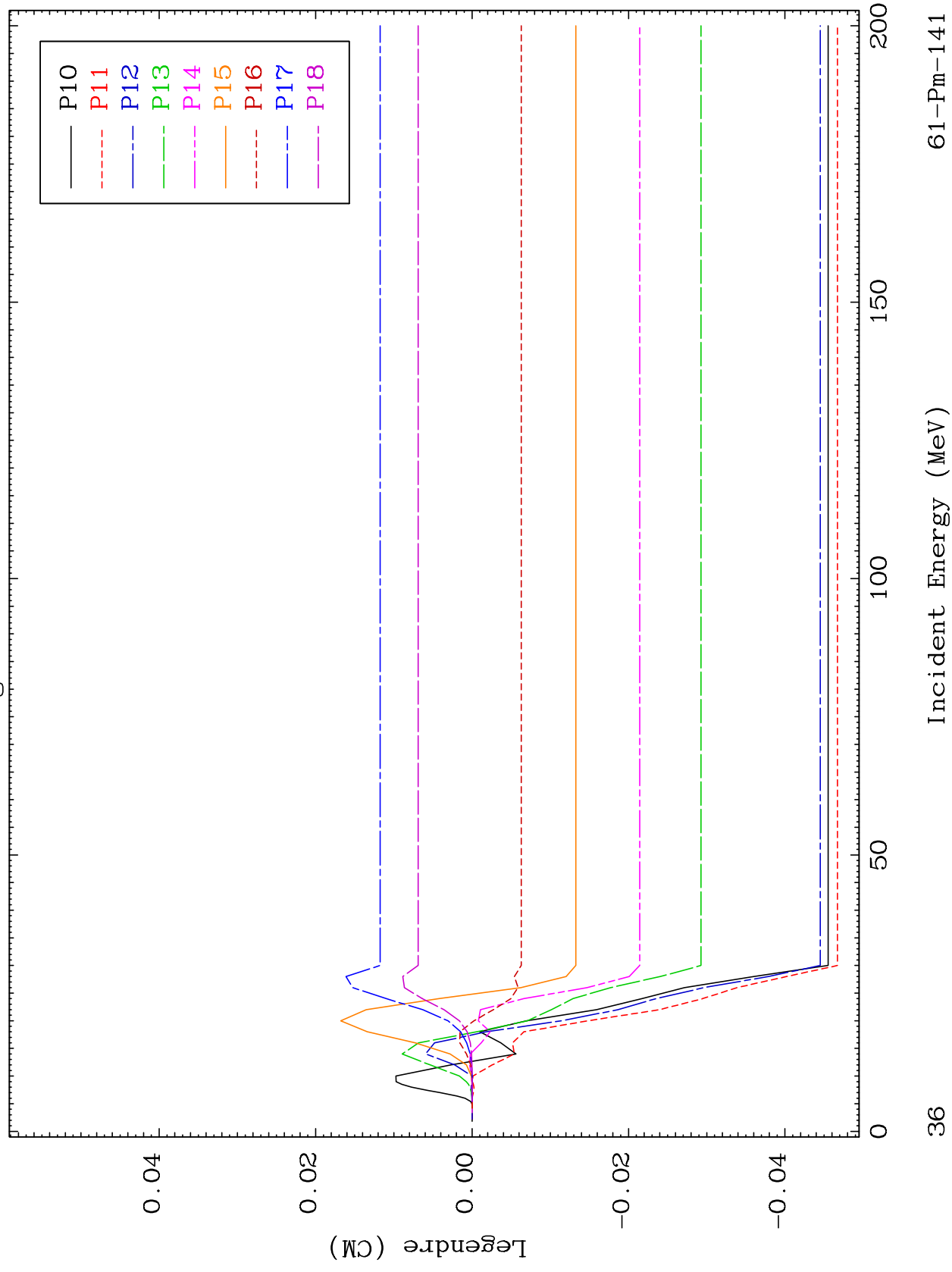


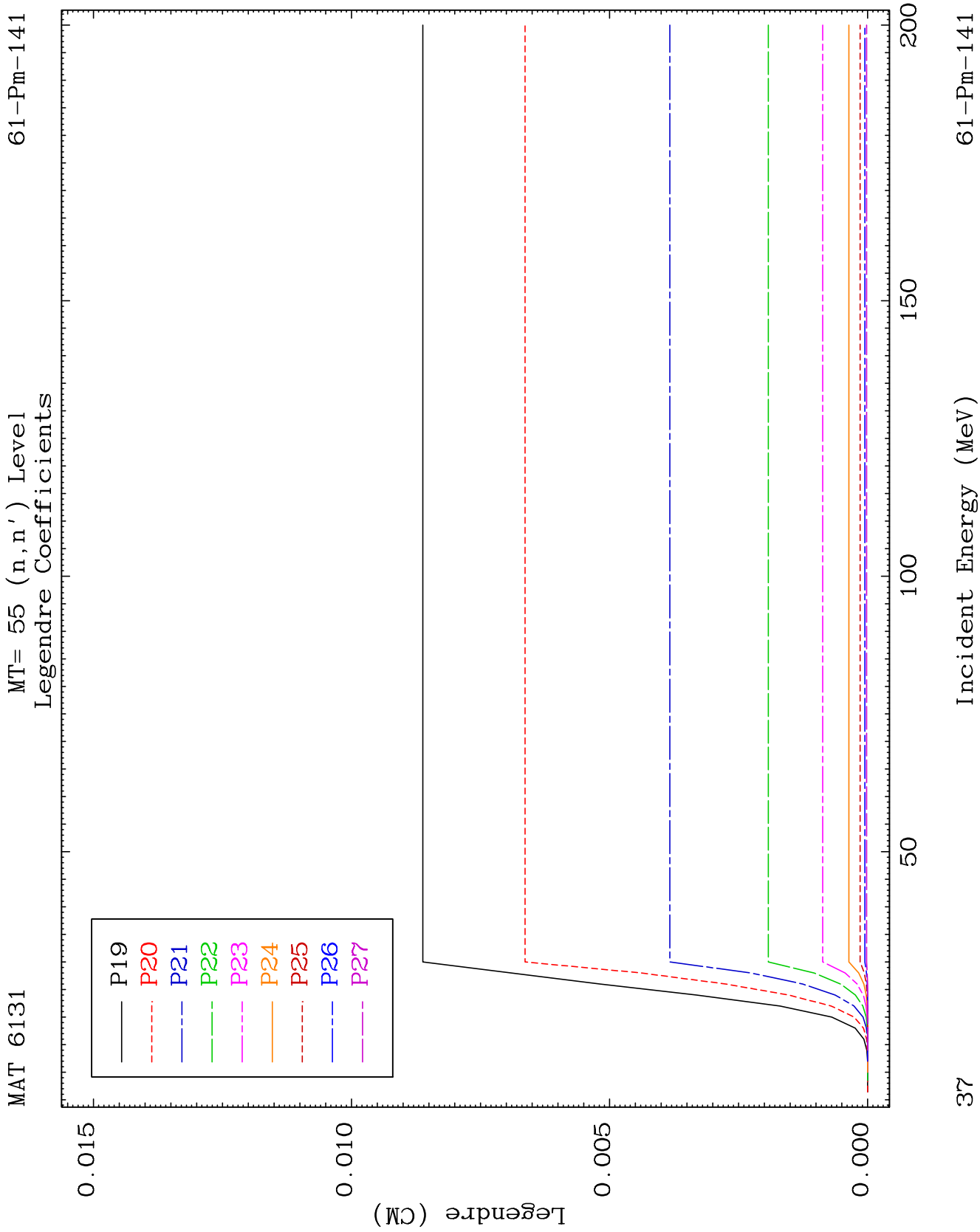


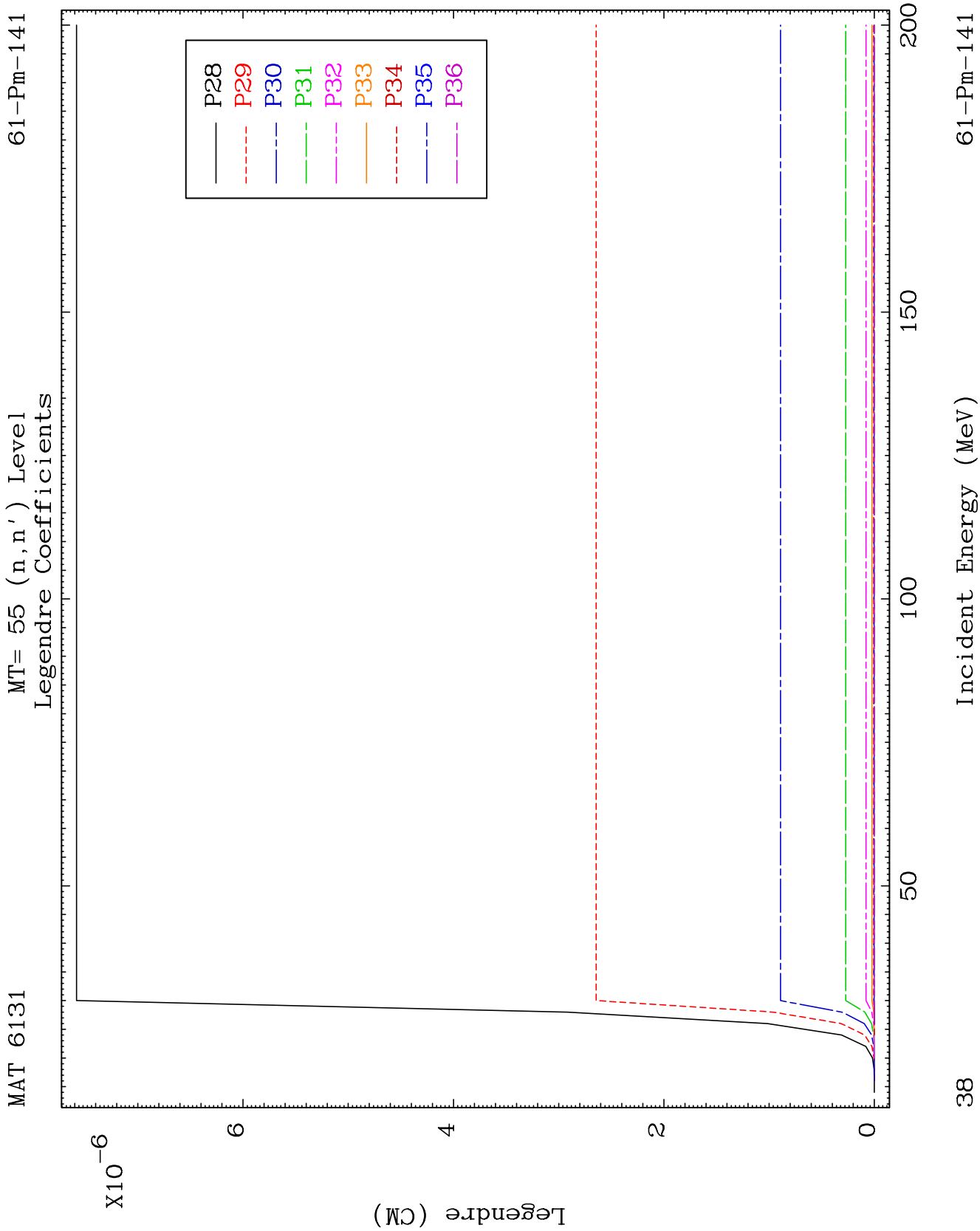
MAT 6131

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

61-Pm-141



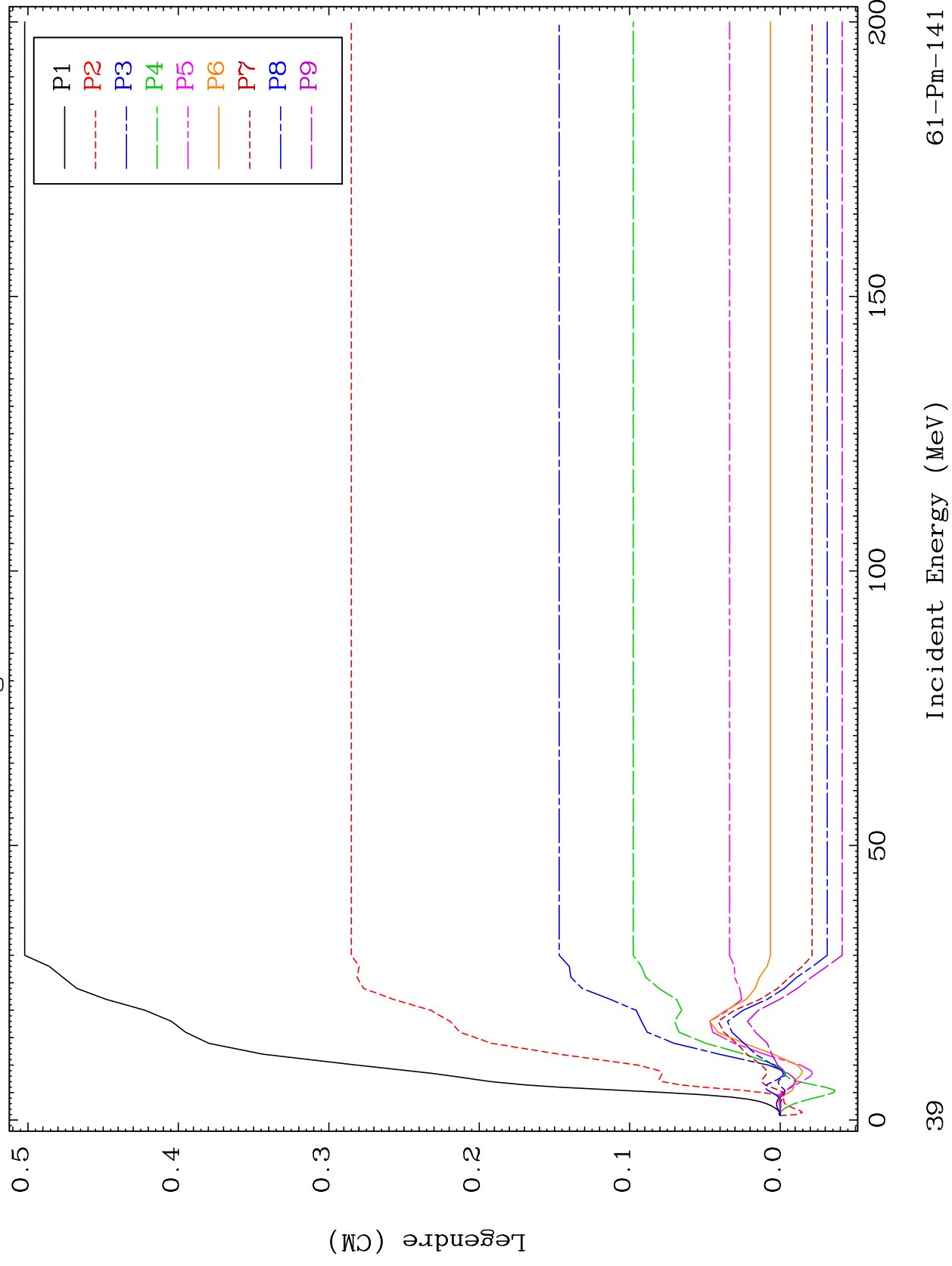




MAT 6131

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

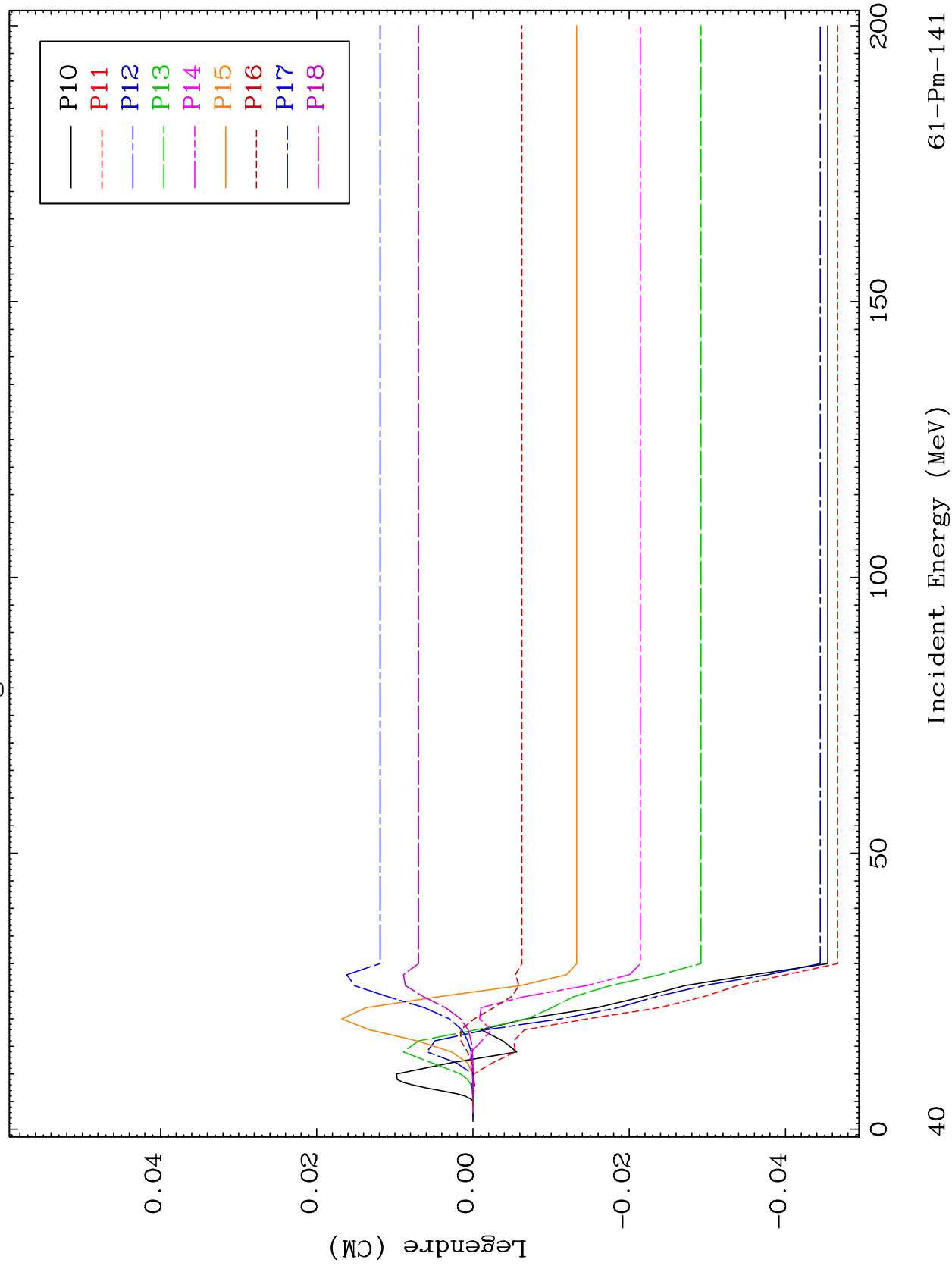
61-Pm-141

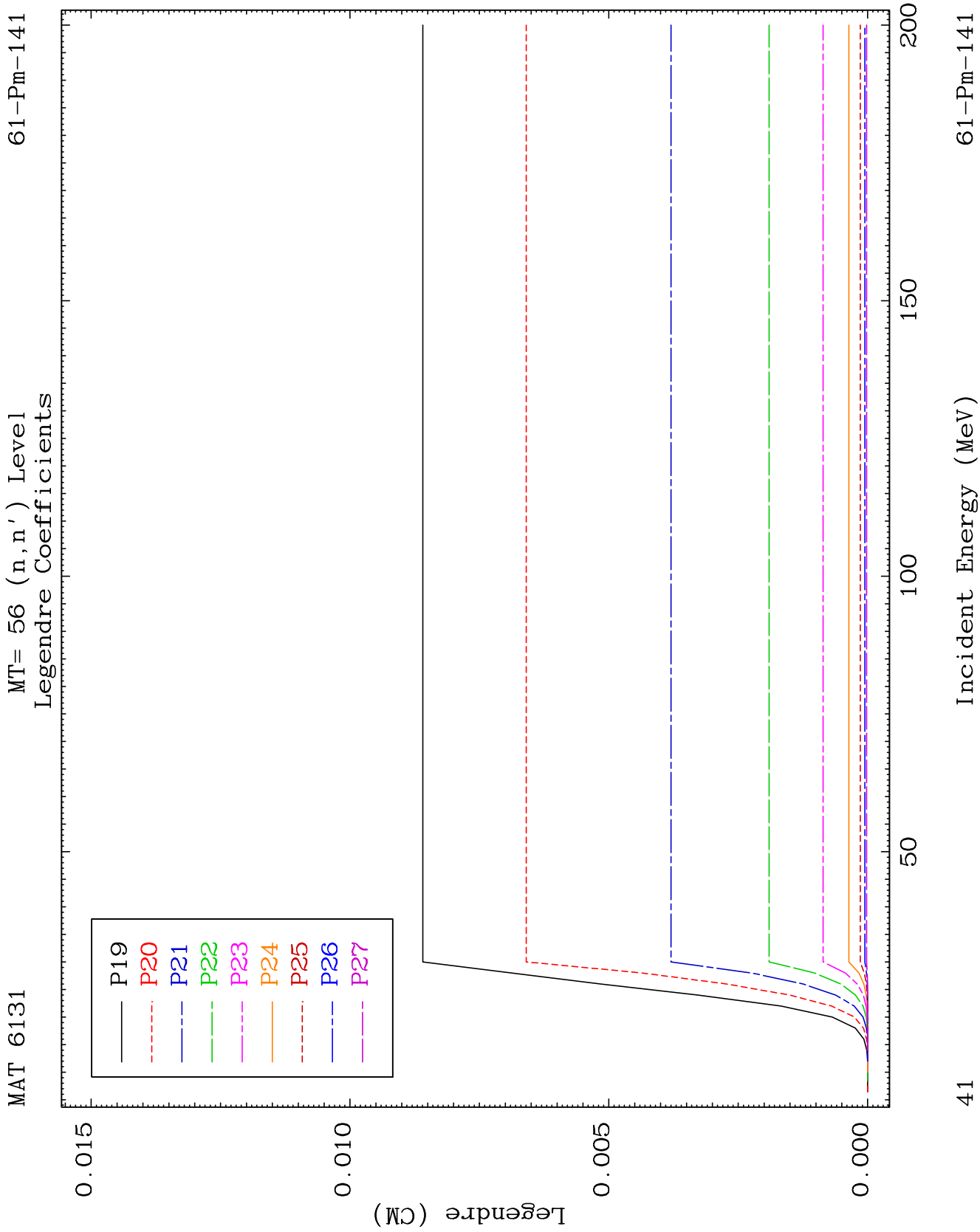


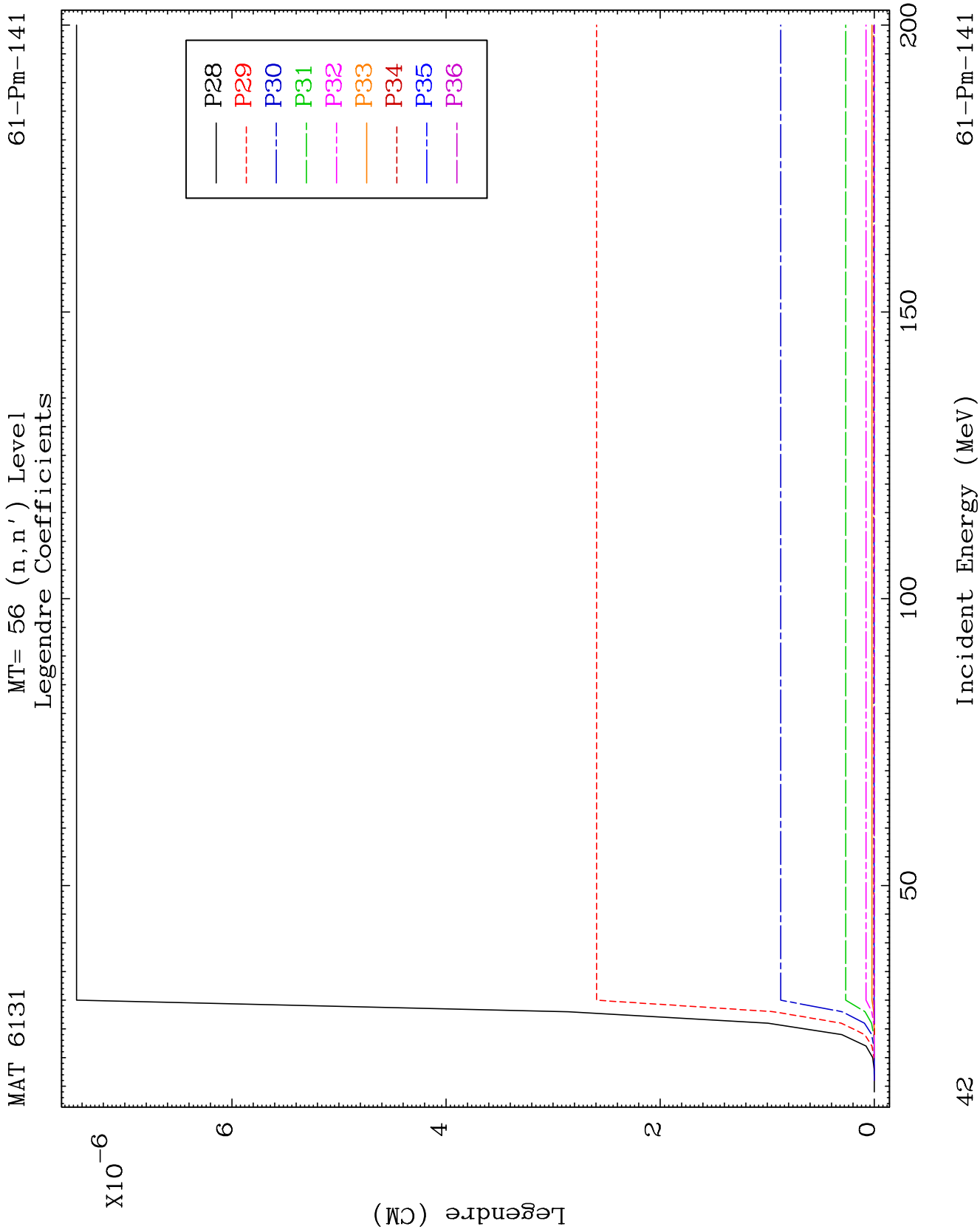
MAT 6131

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

61-Pm-141



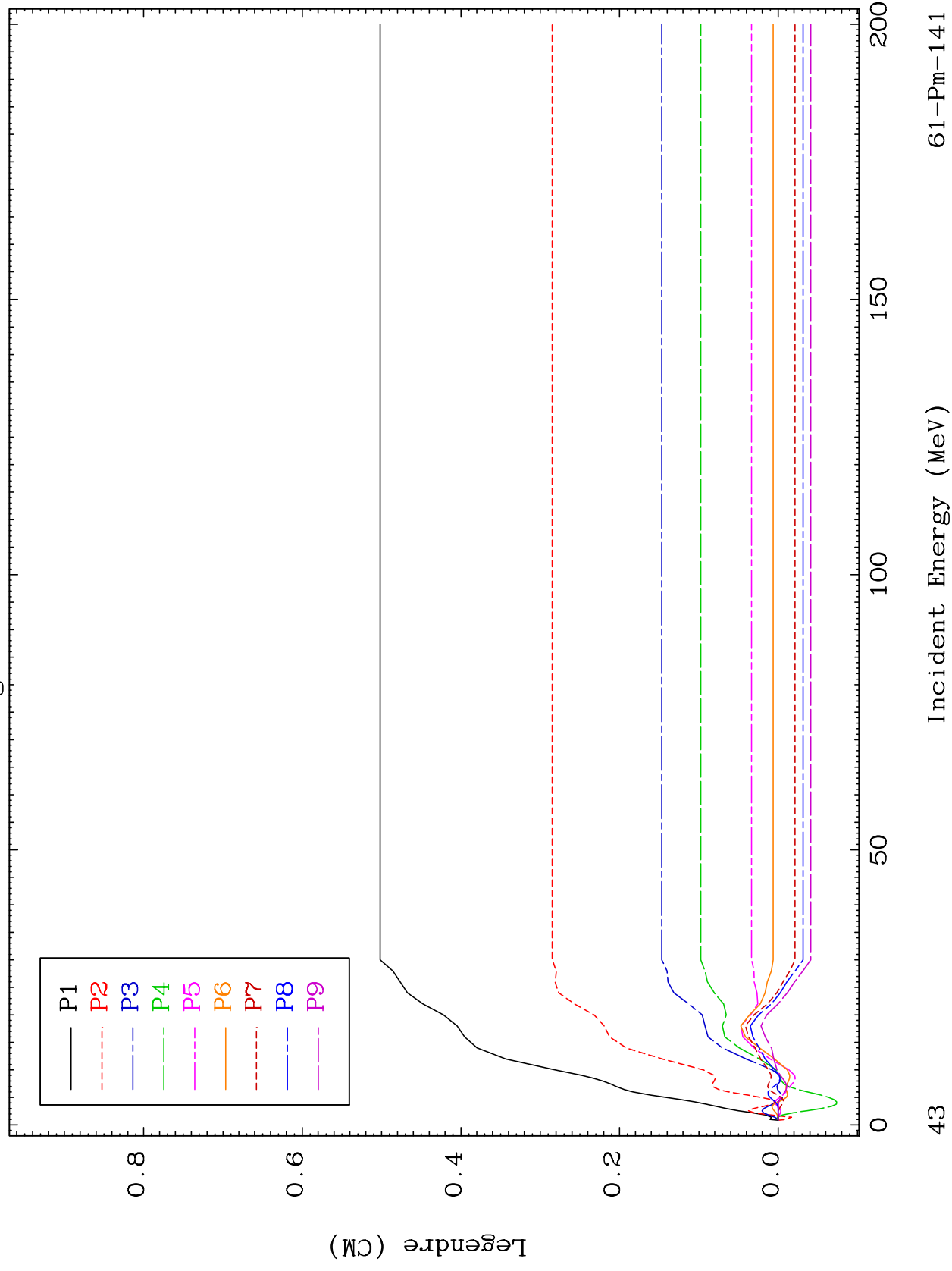


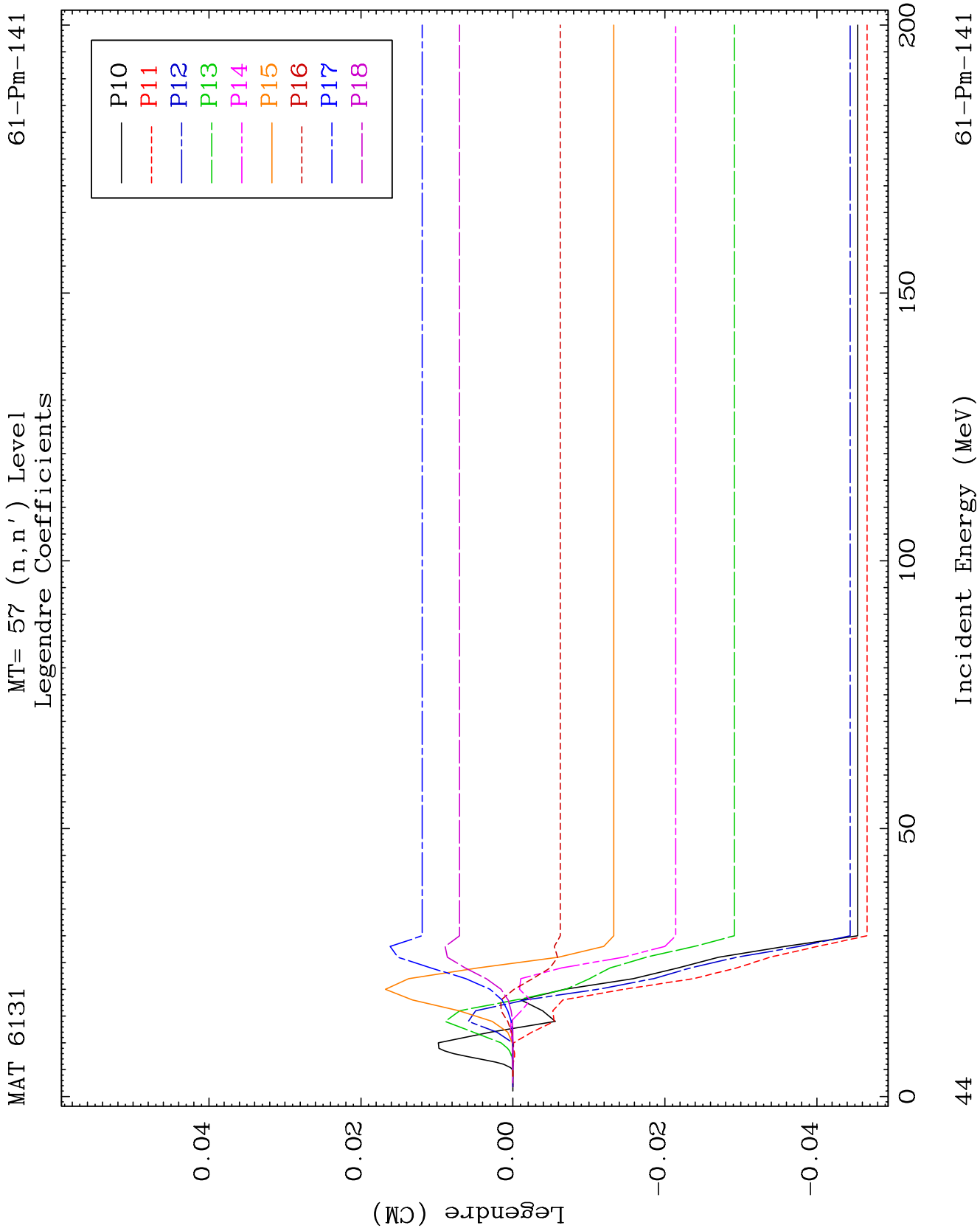


MAT 6131

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

61-Pm-141

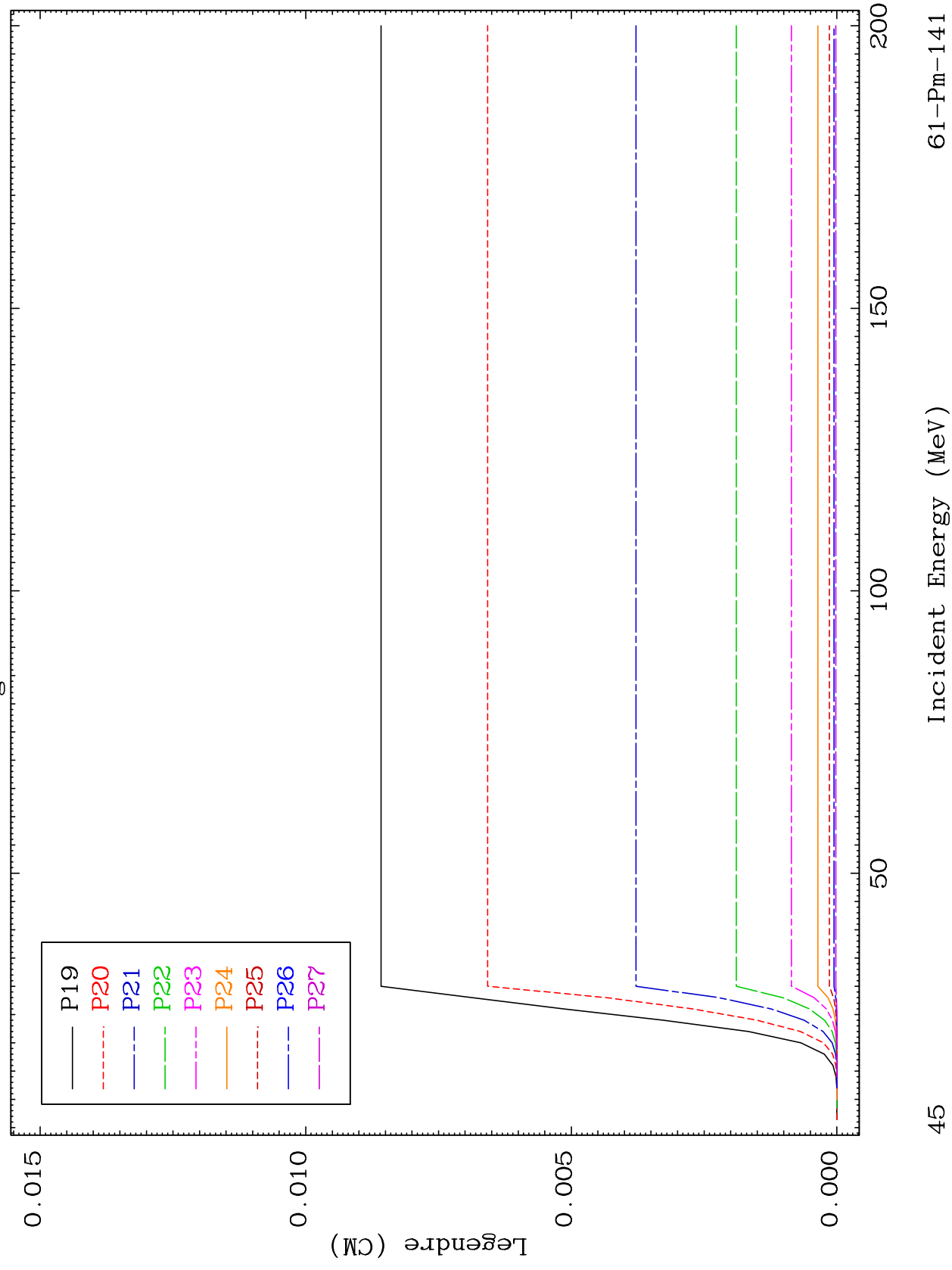


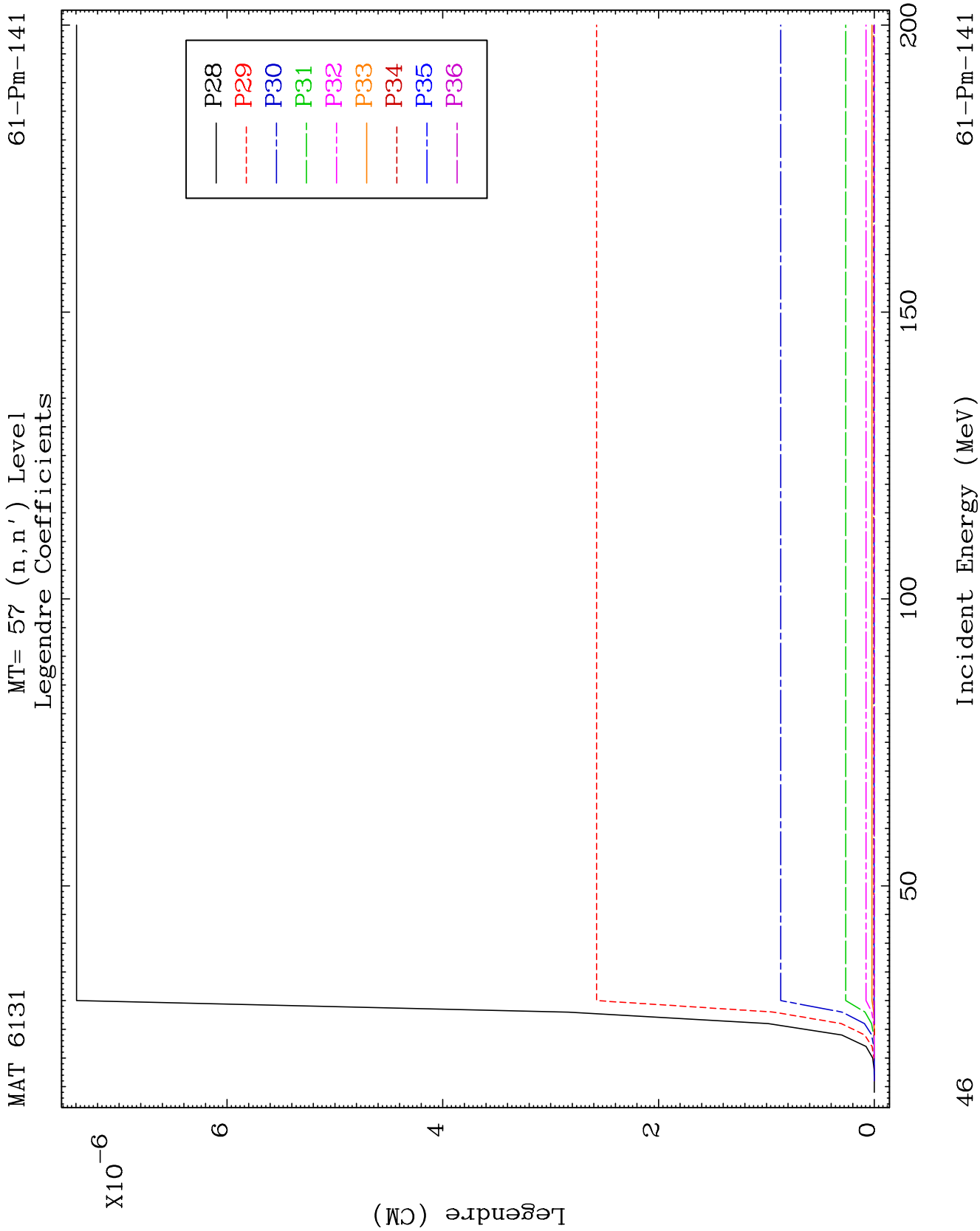


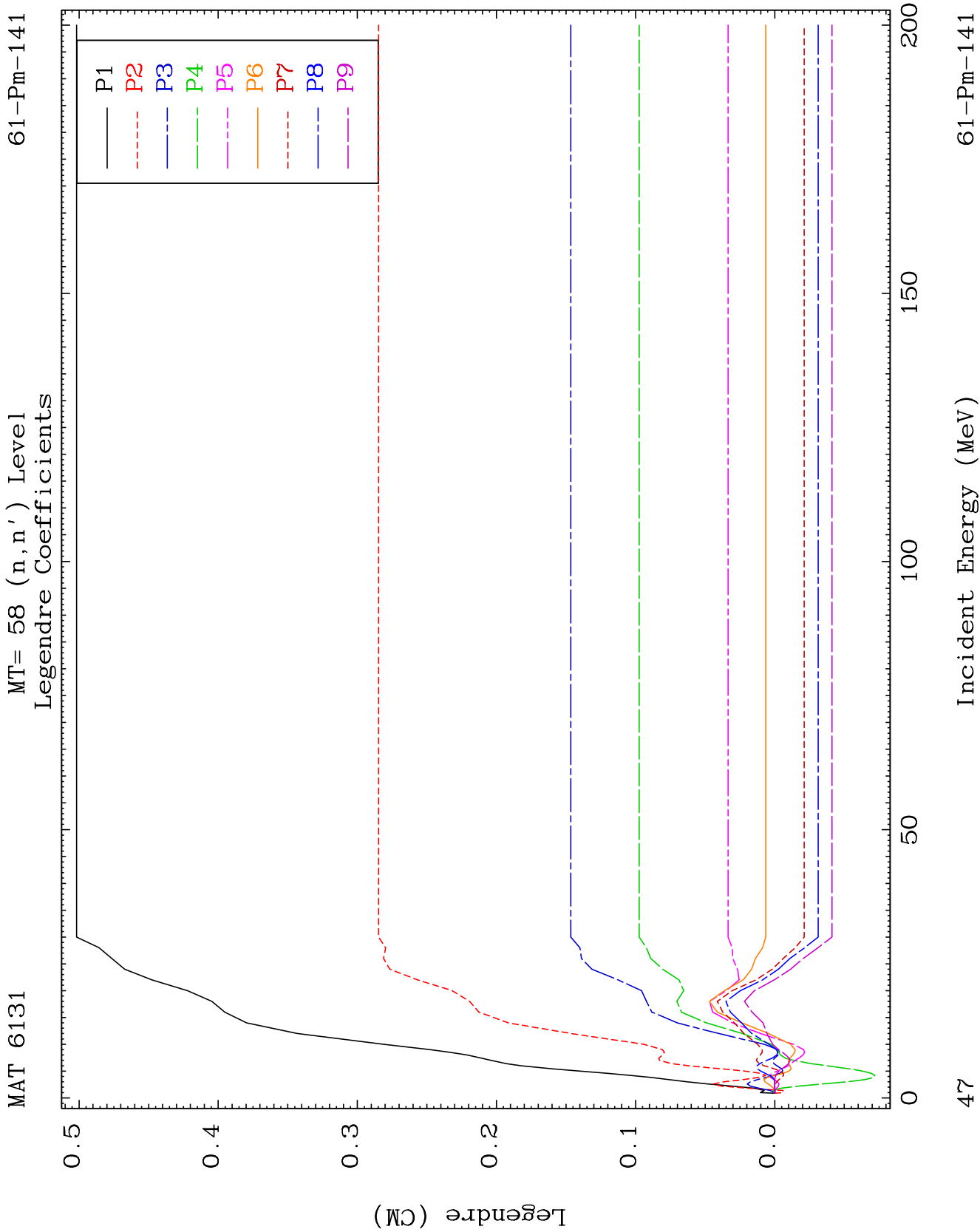
MAT 6131

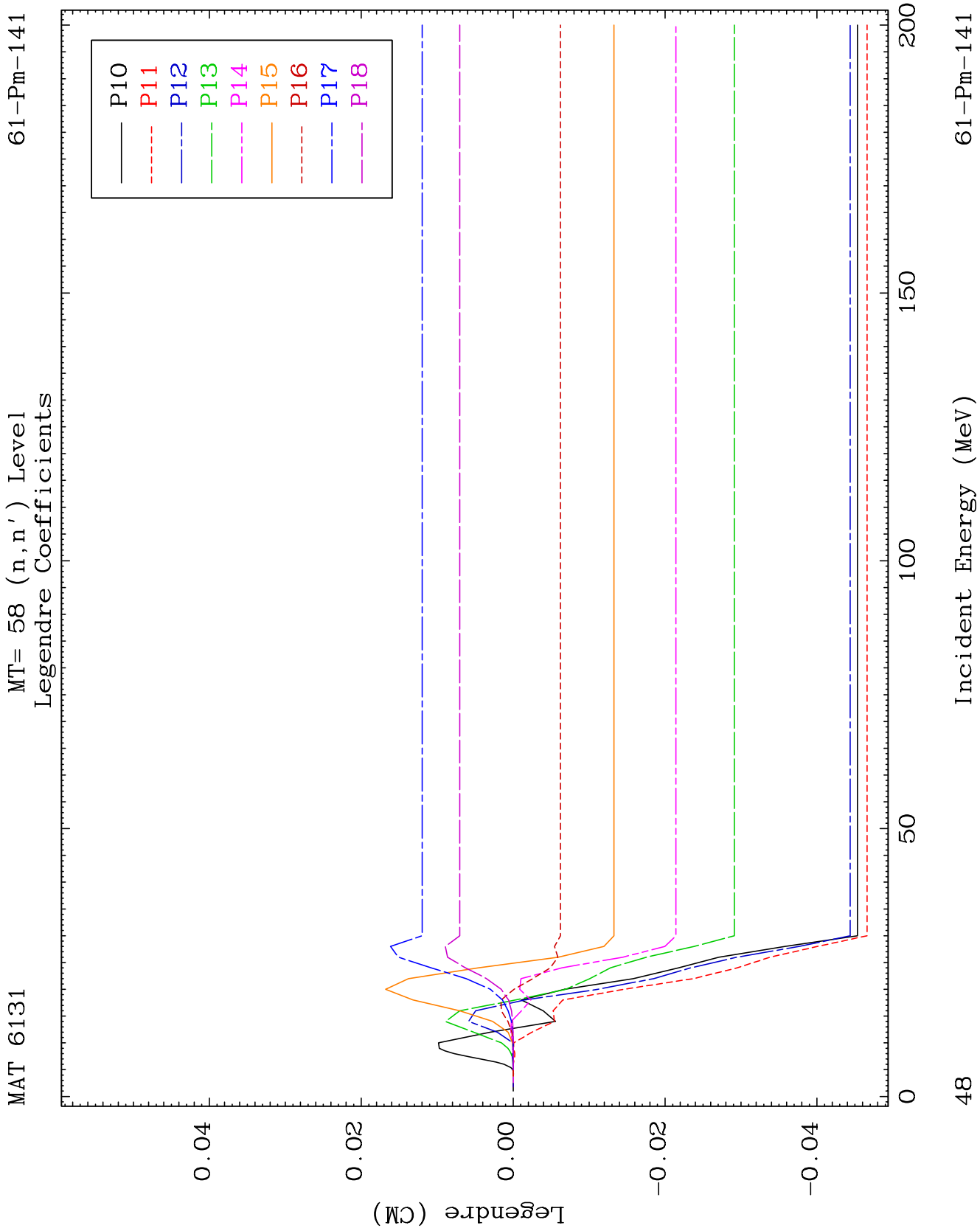
MT= 57 (n, n') Level
Legendre Coefficients

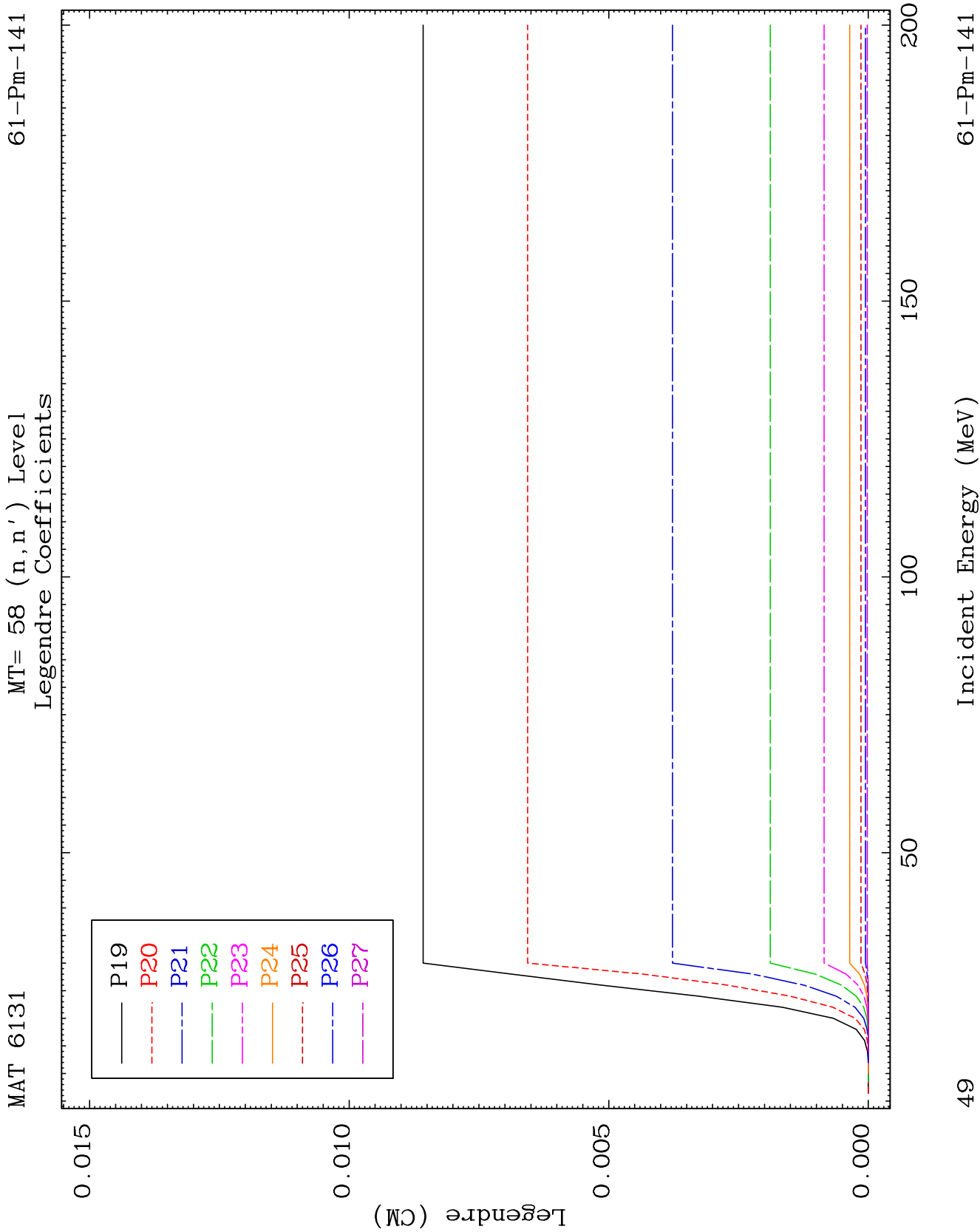
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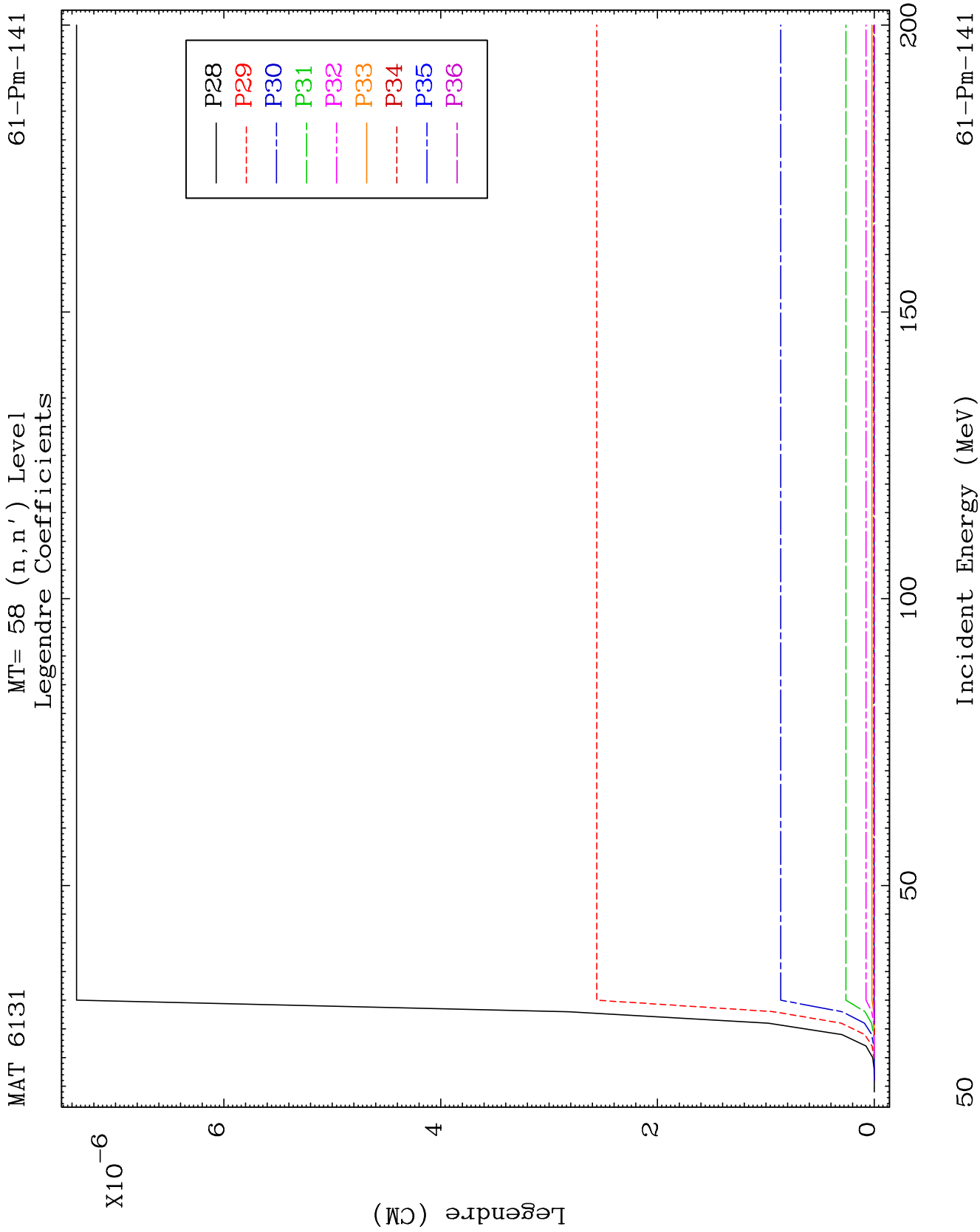


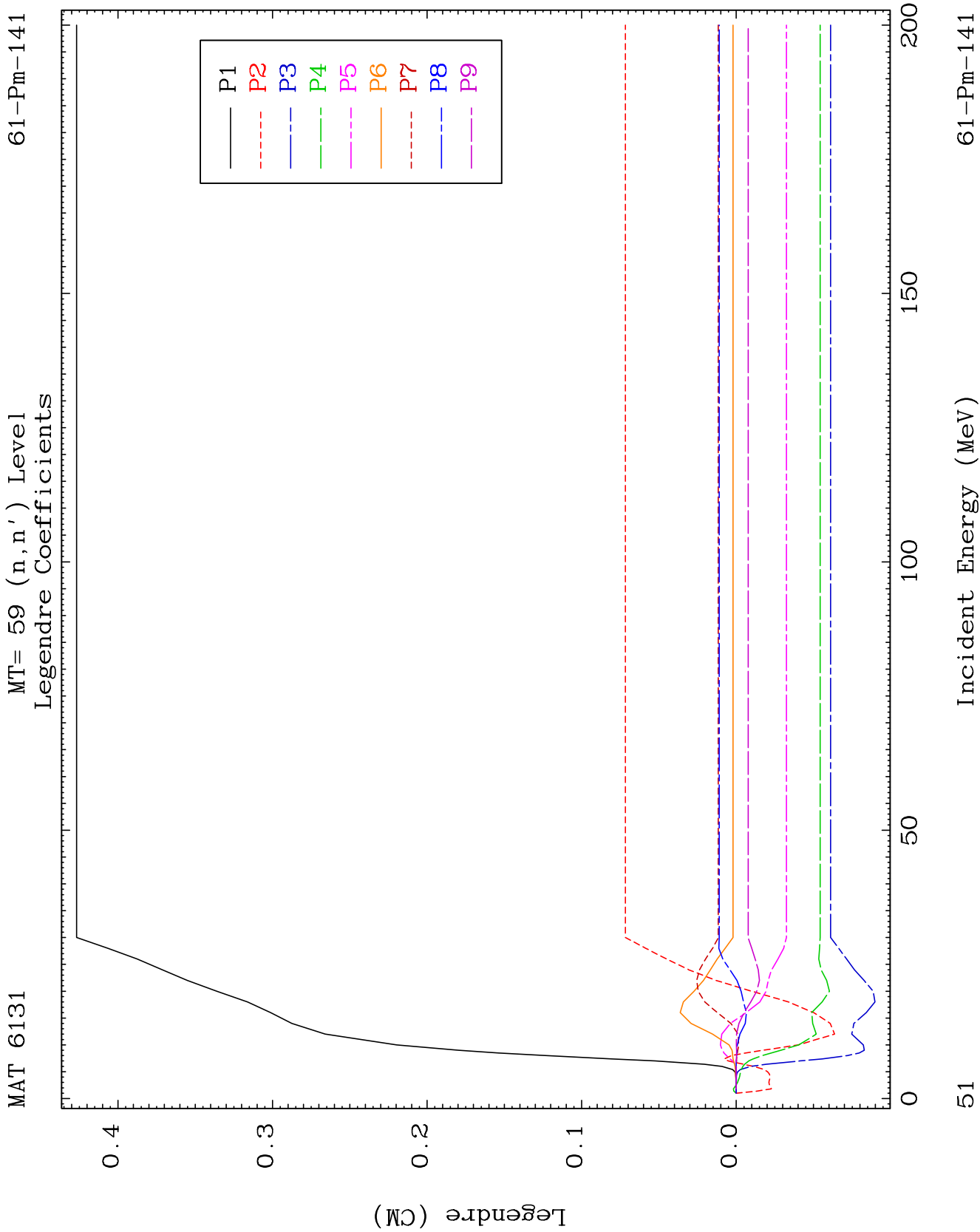


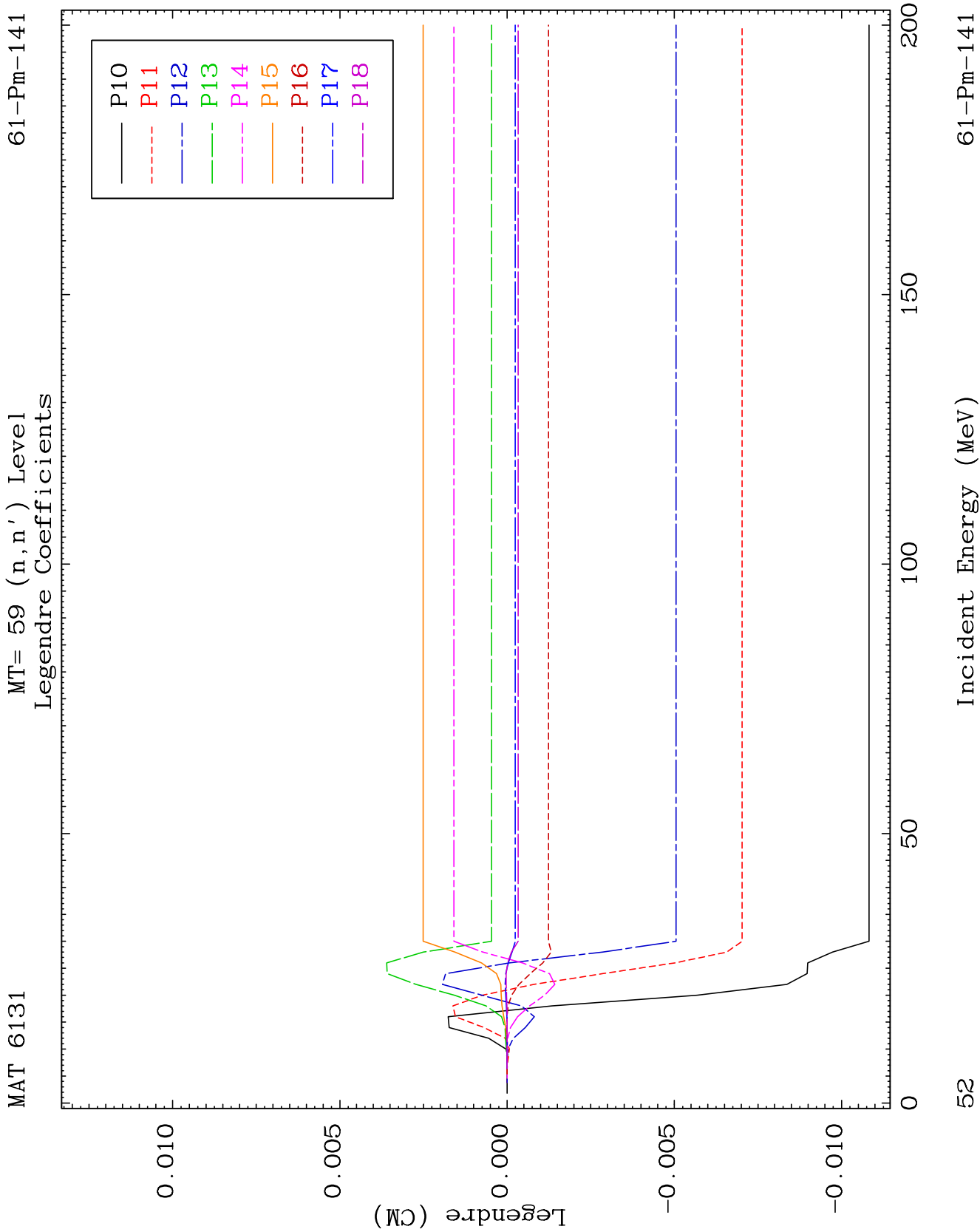








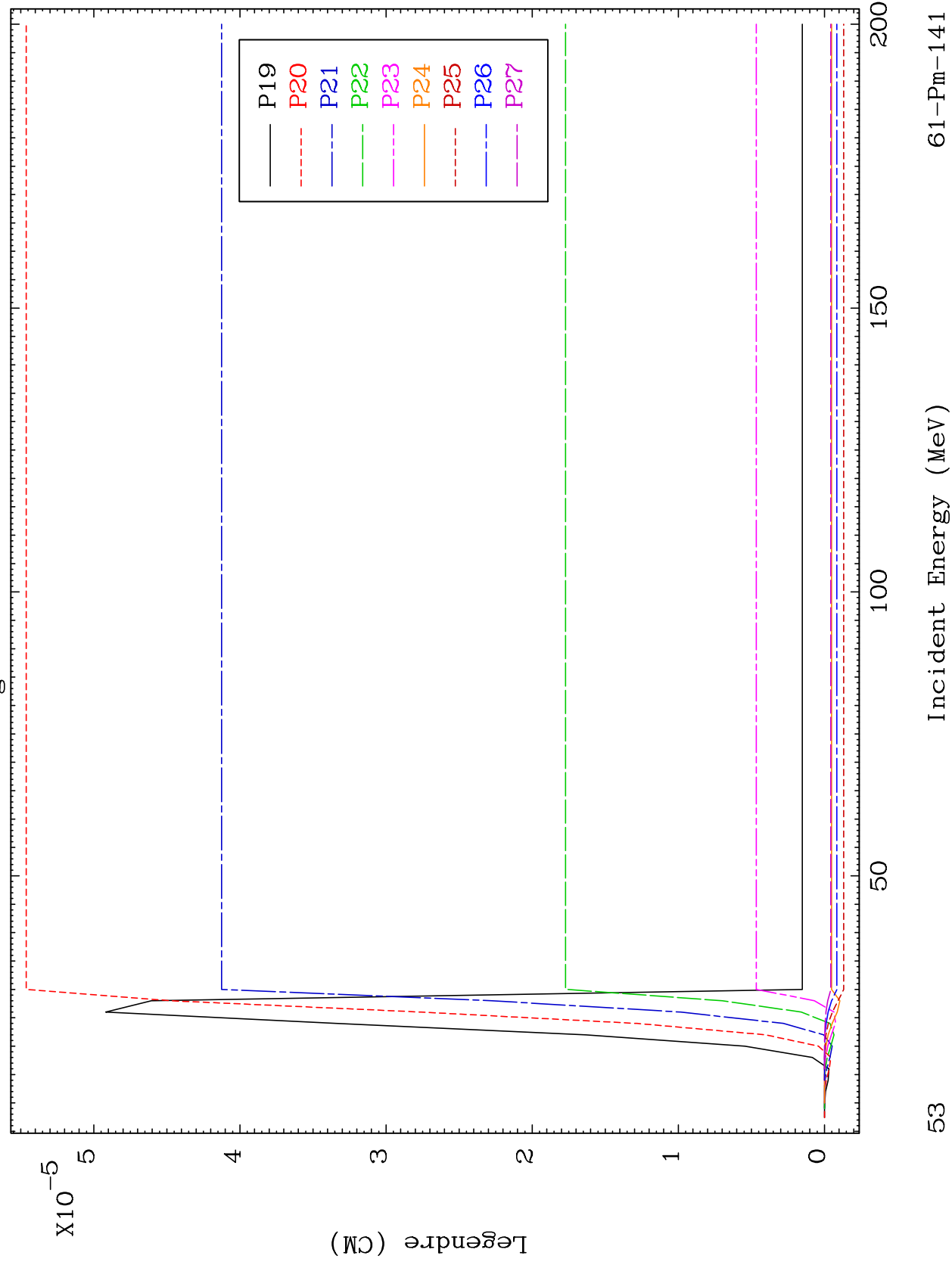


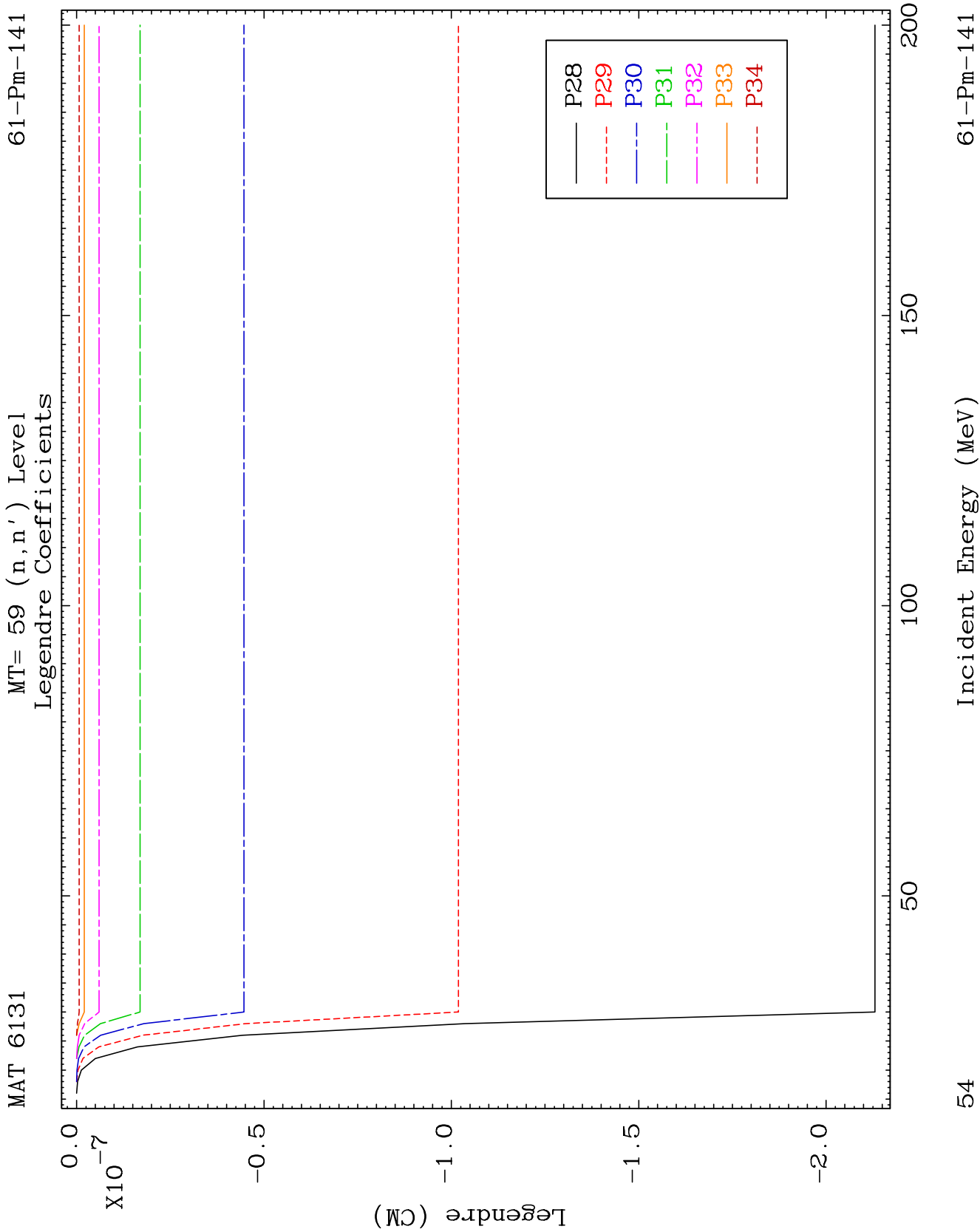


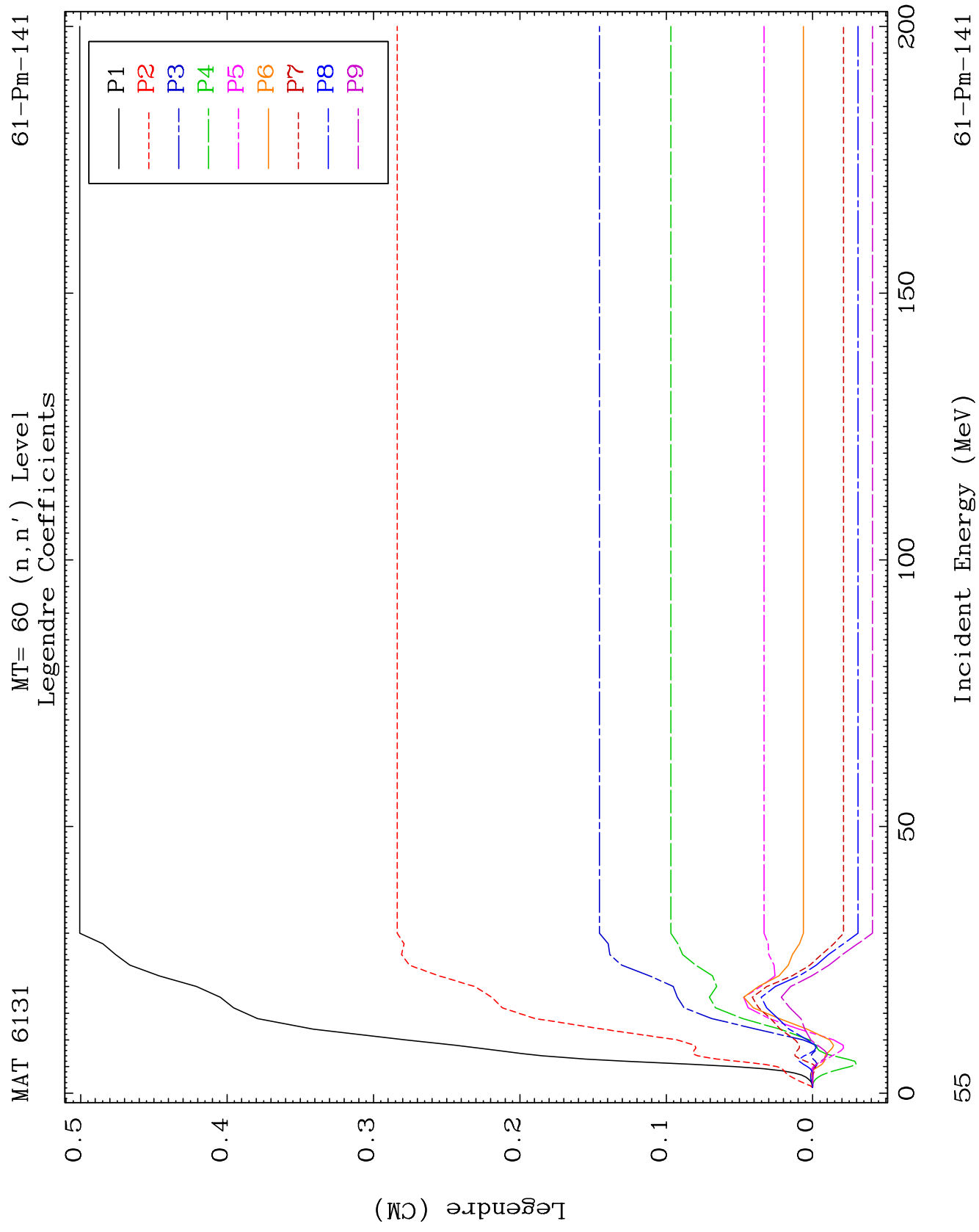
MAT 6131

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

61-Pm-141



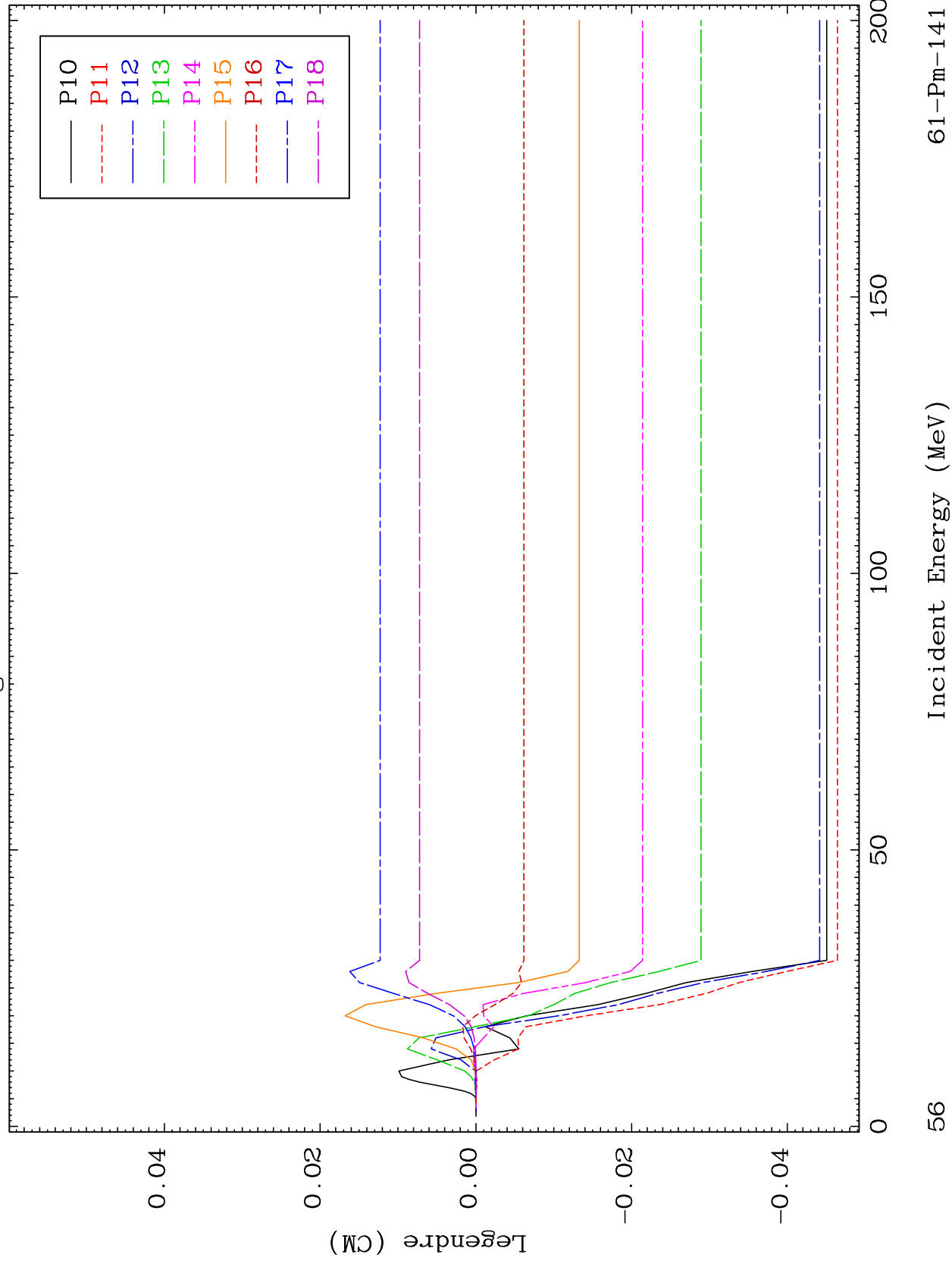




MAT 6131

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

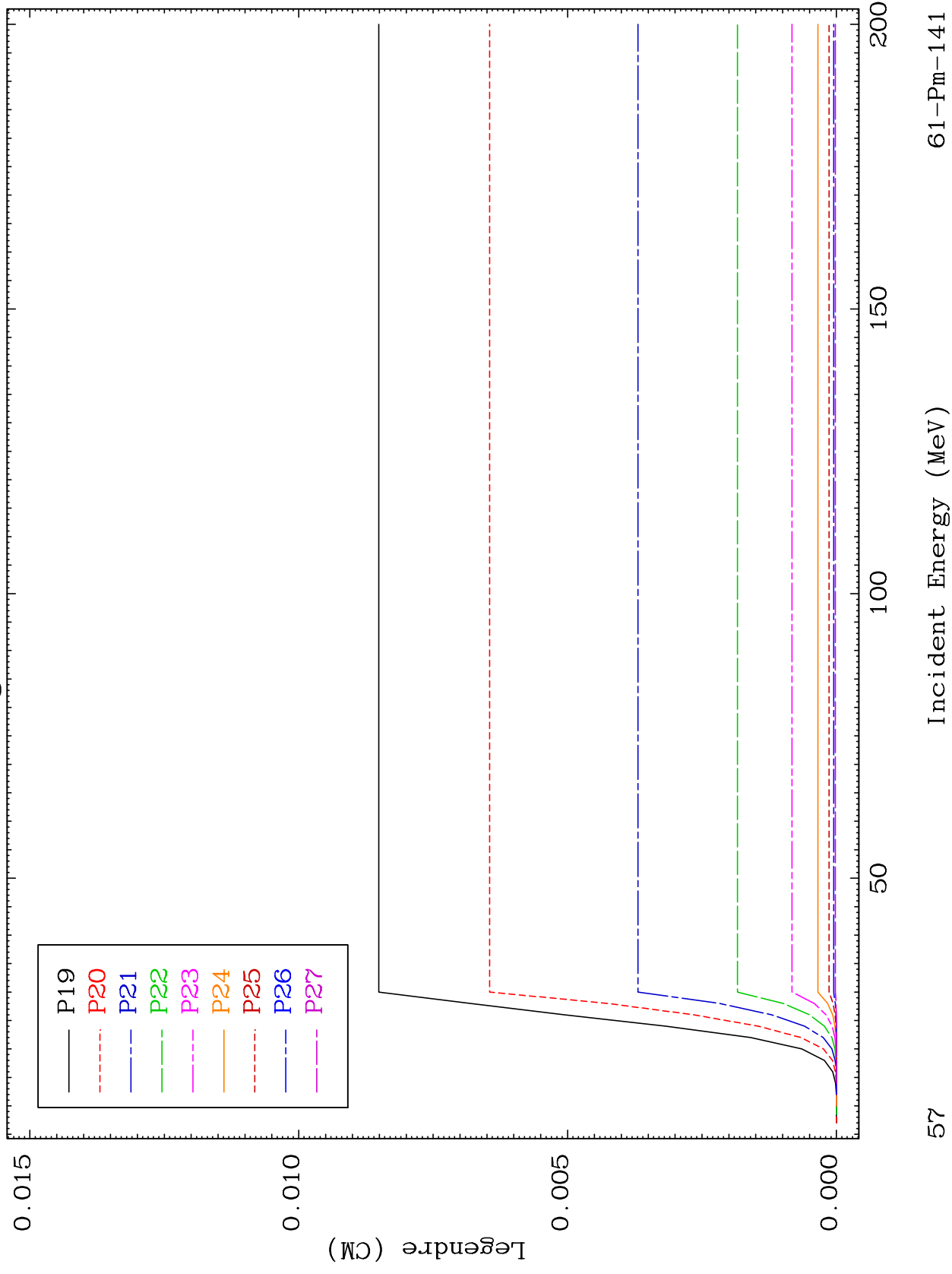
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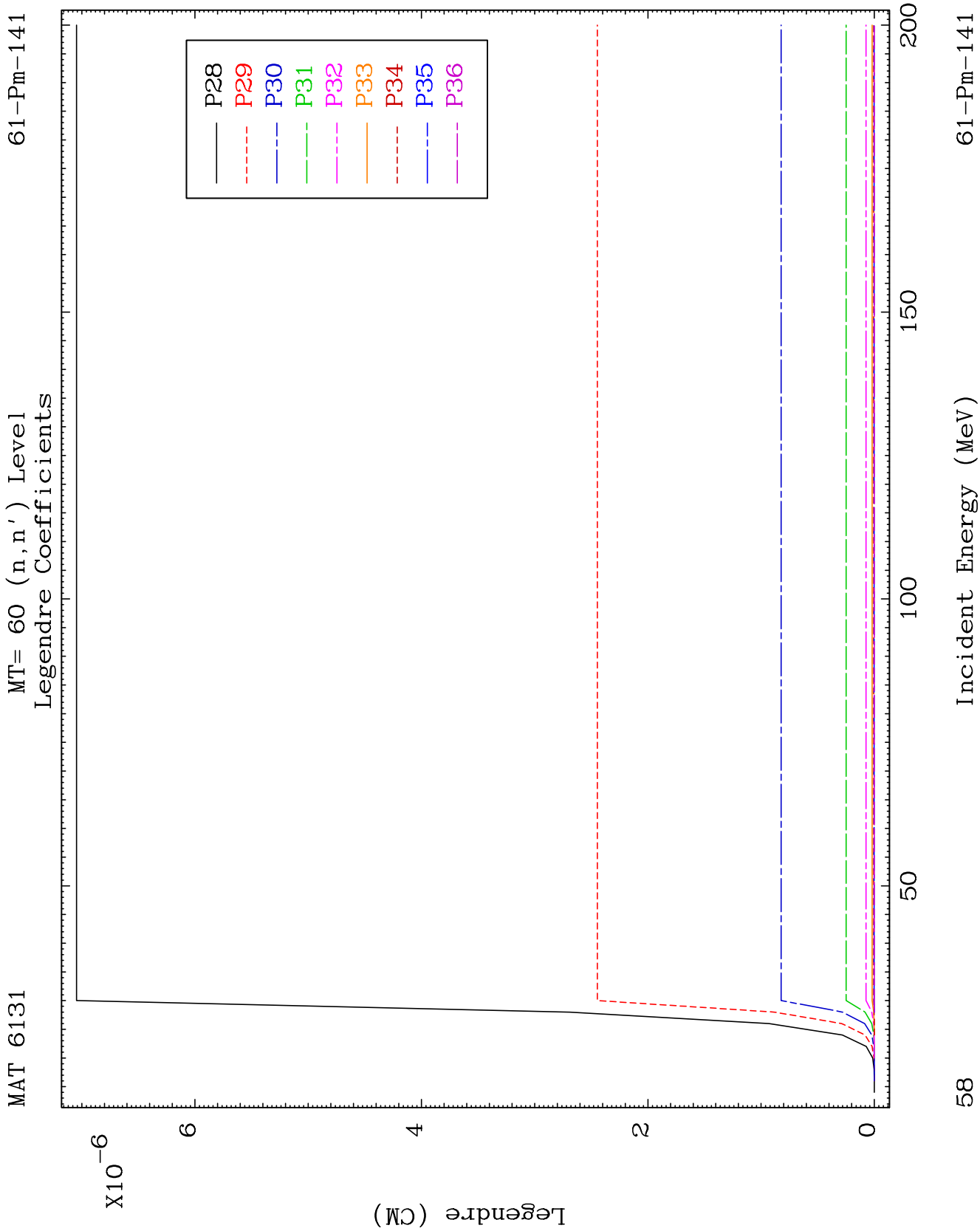


MAT 6131

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

61-Pm-141

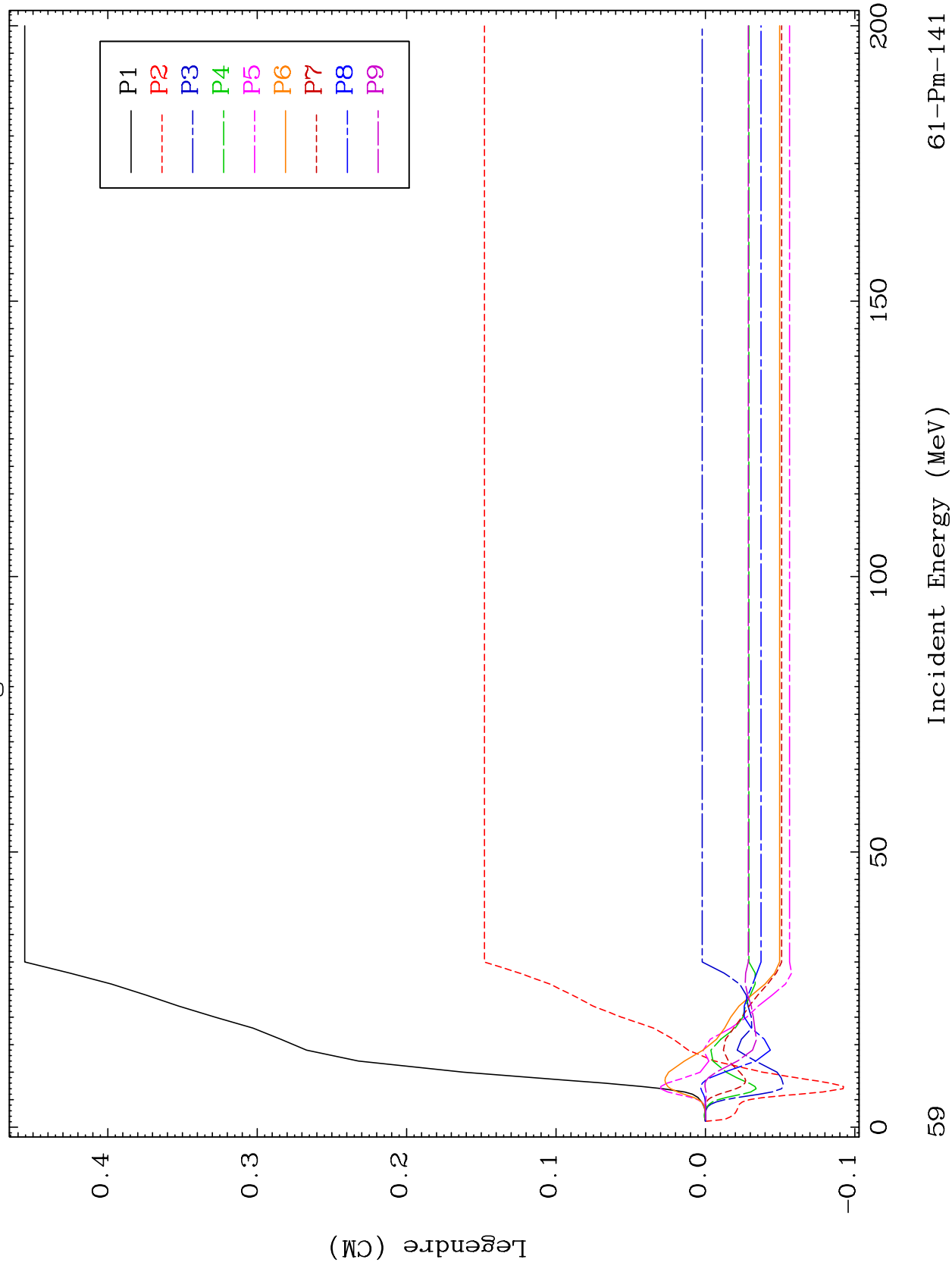




MAT 6131

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

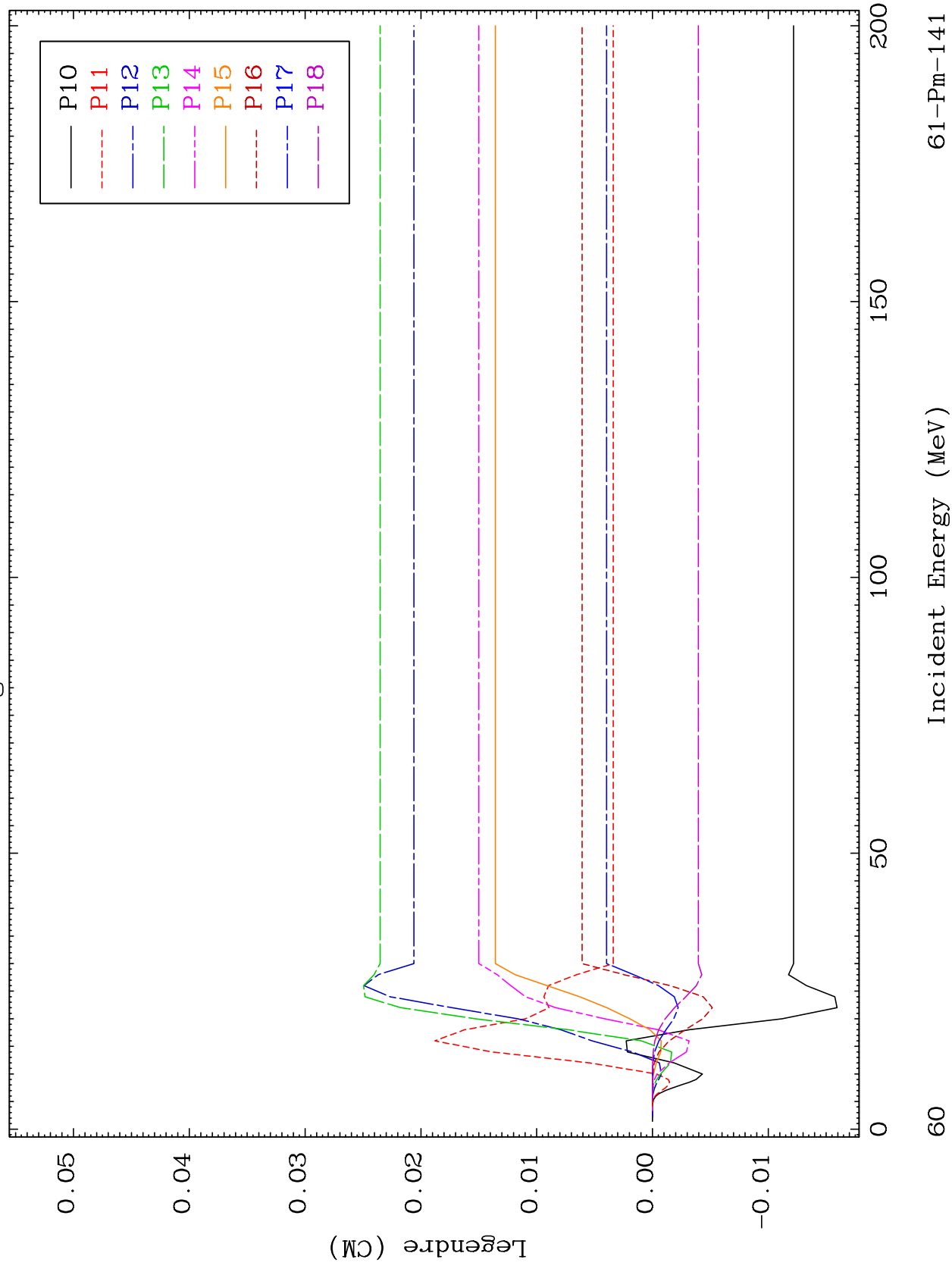
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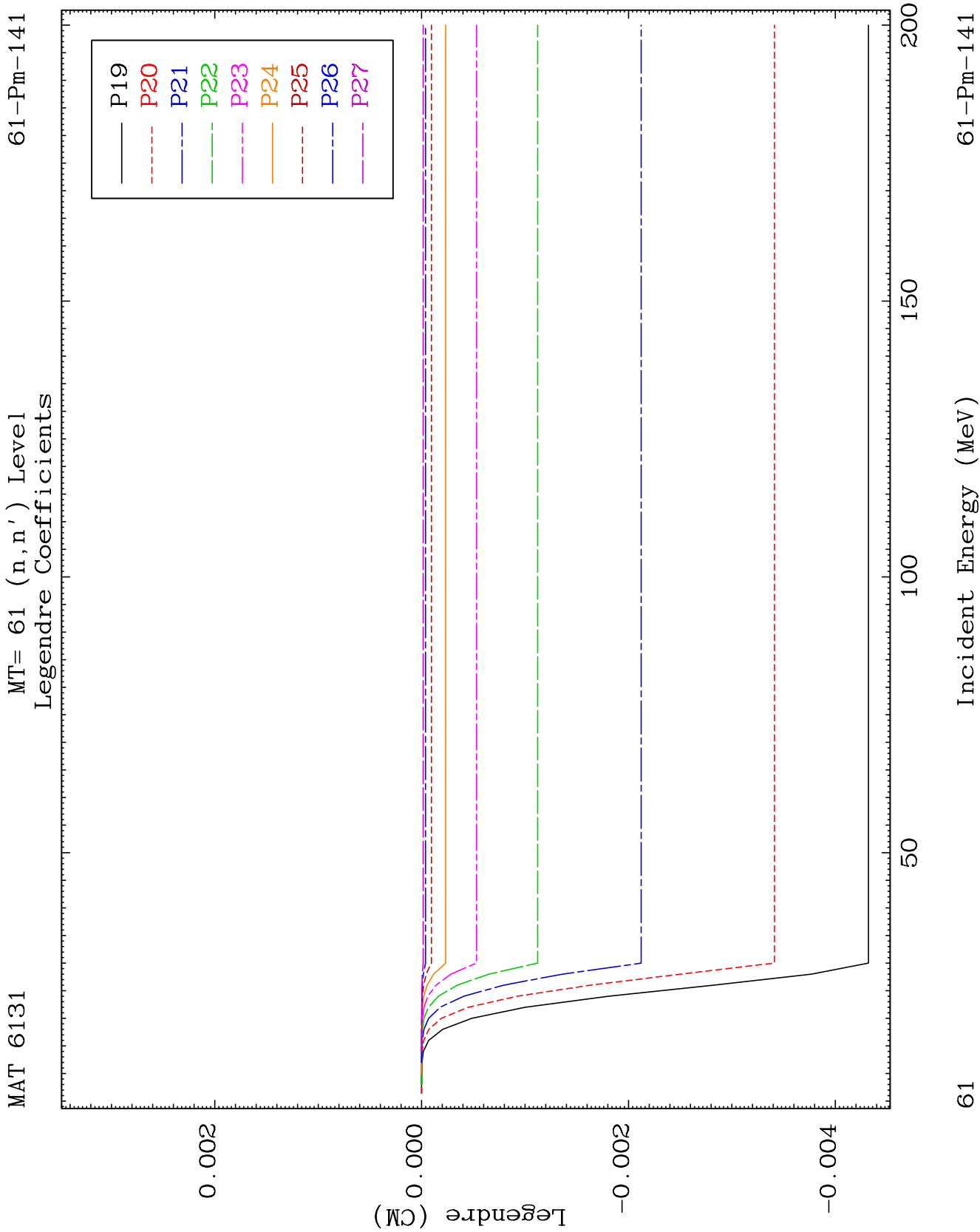


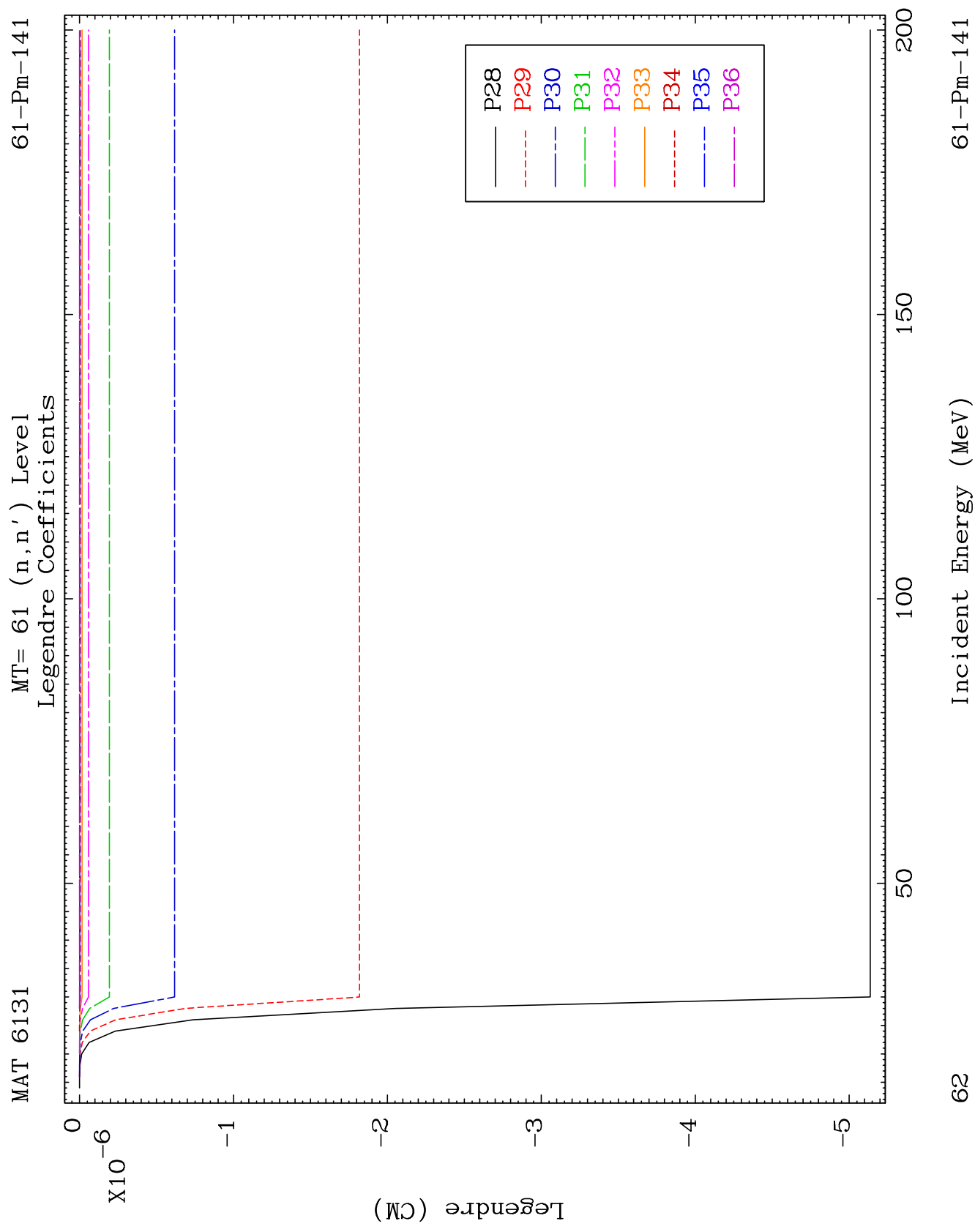
MAT 6131

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

61-Pm-141



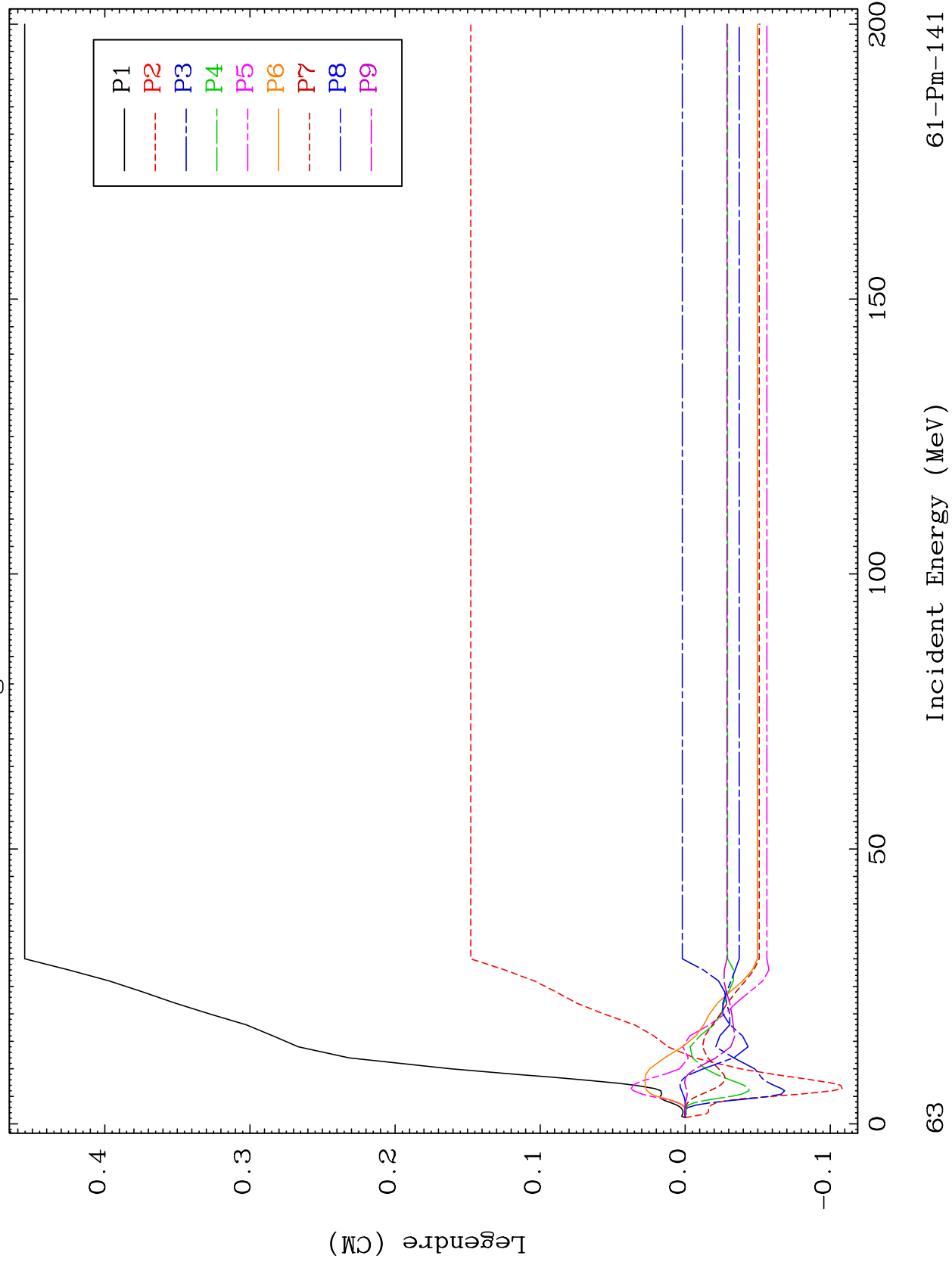




MAT 6131

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

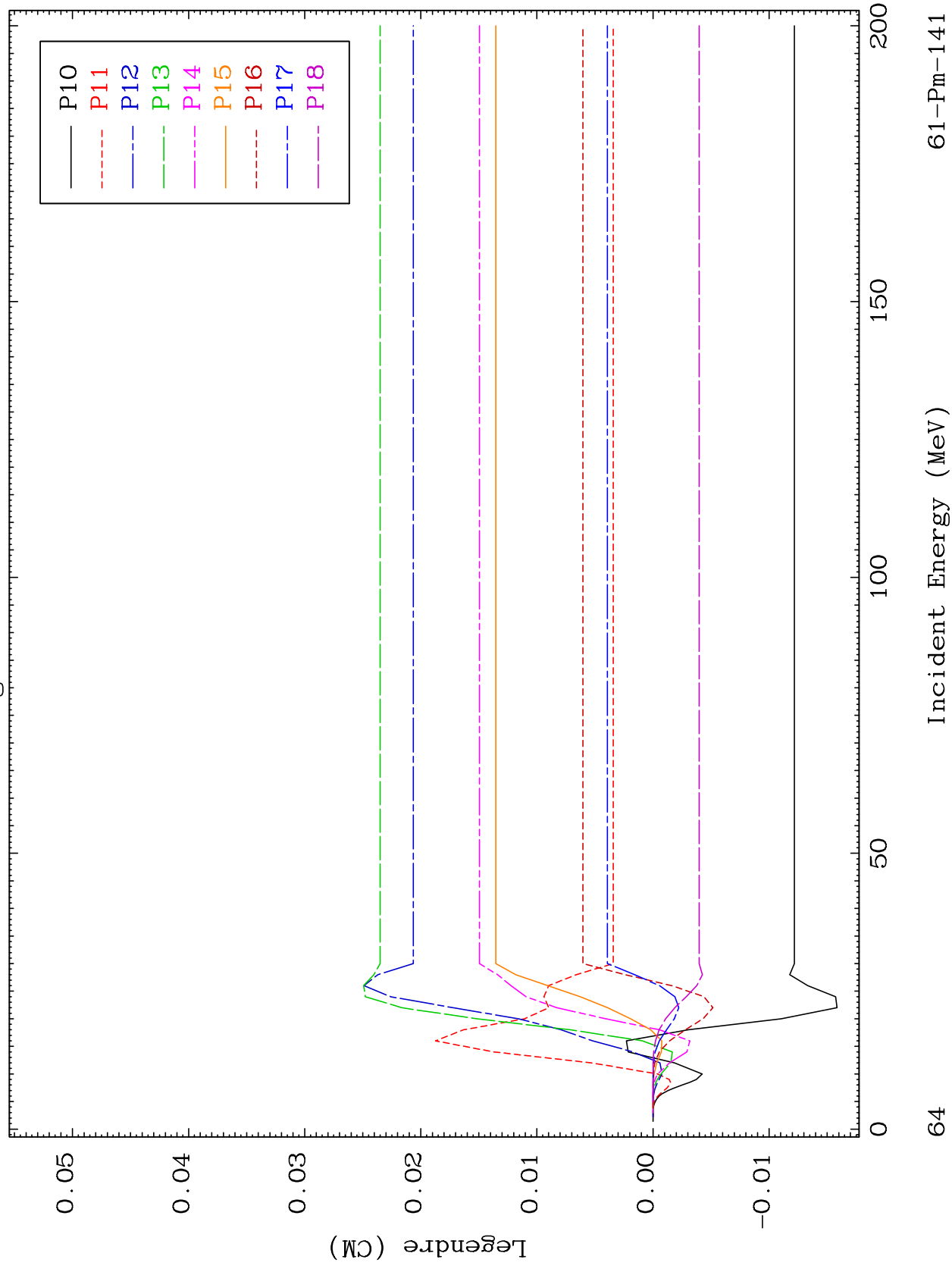
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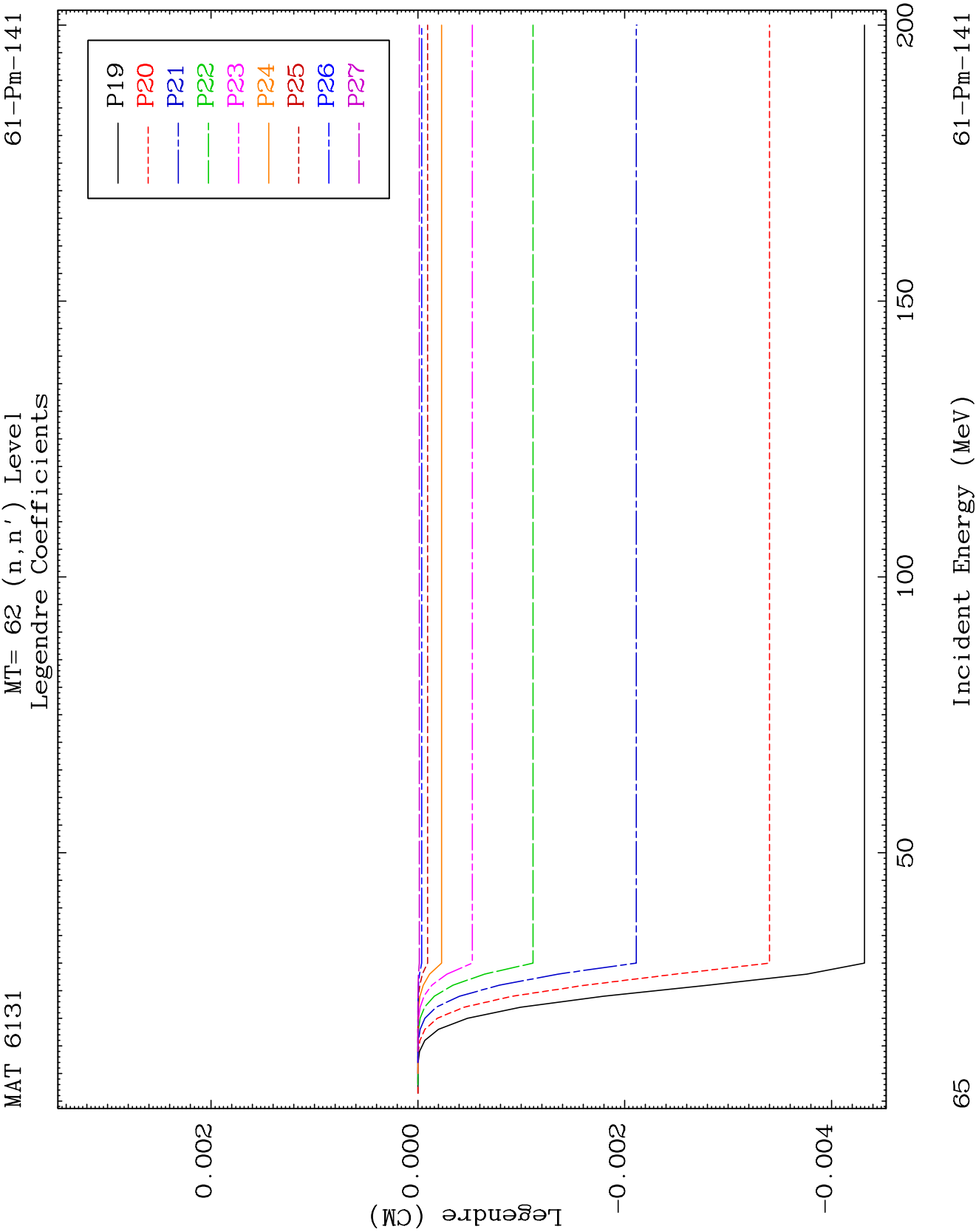


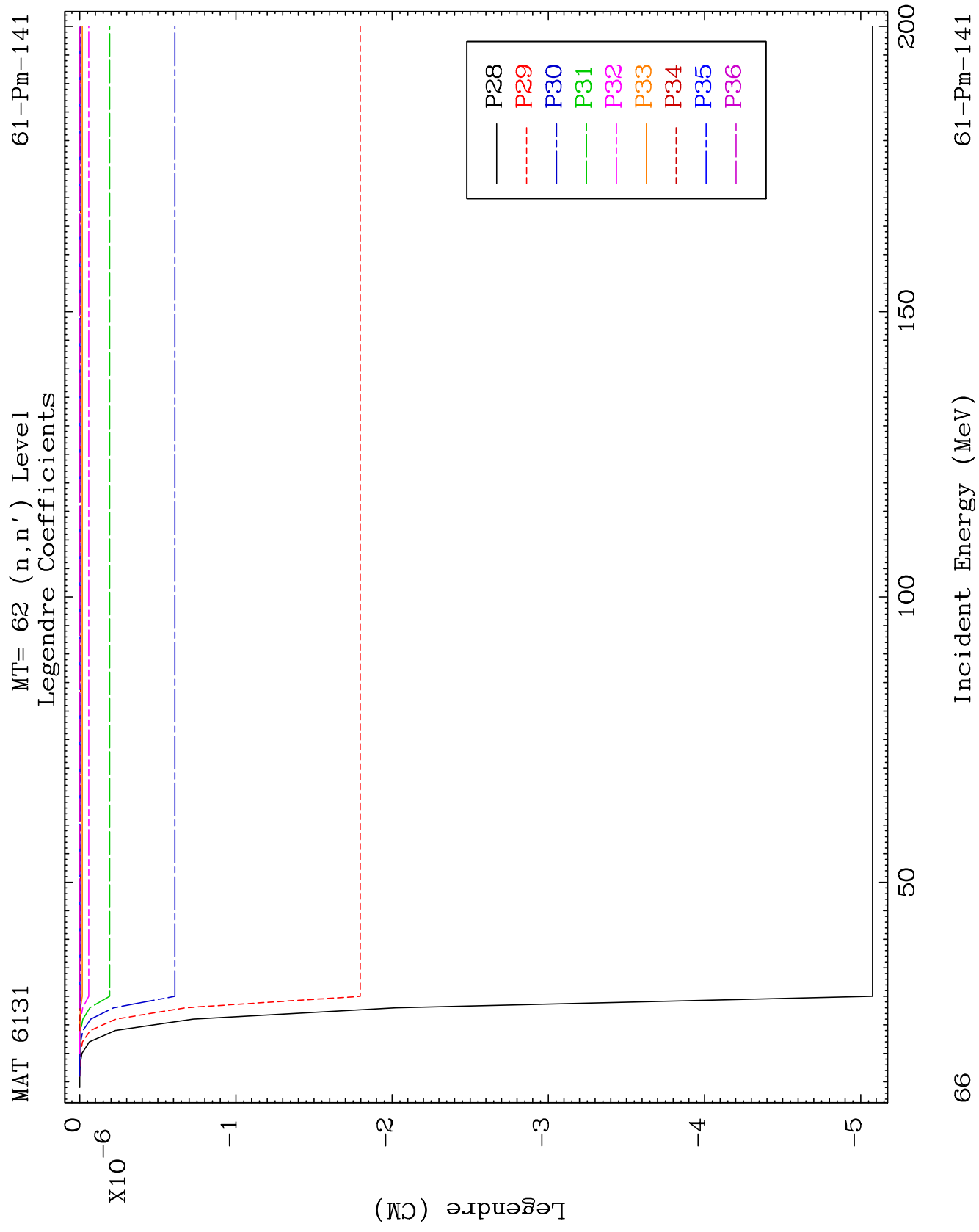
MAT 6131

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

61-Pm-141



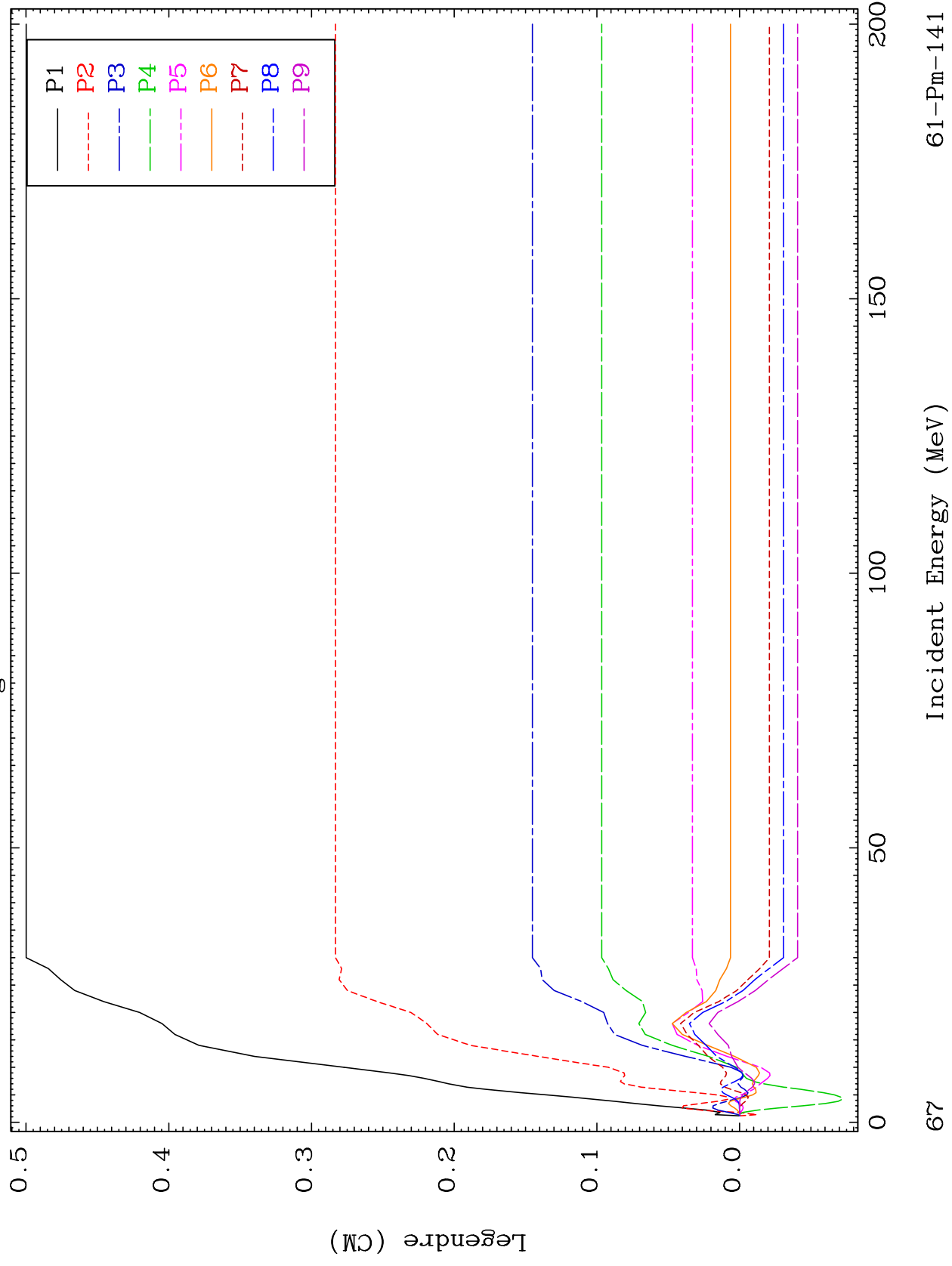


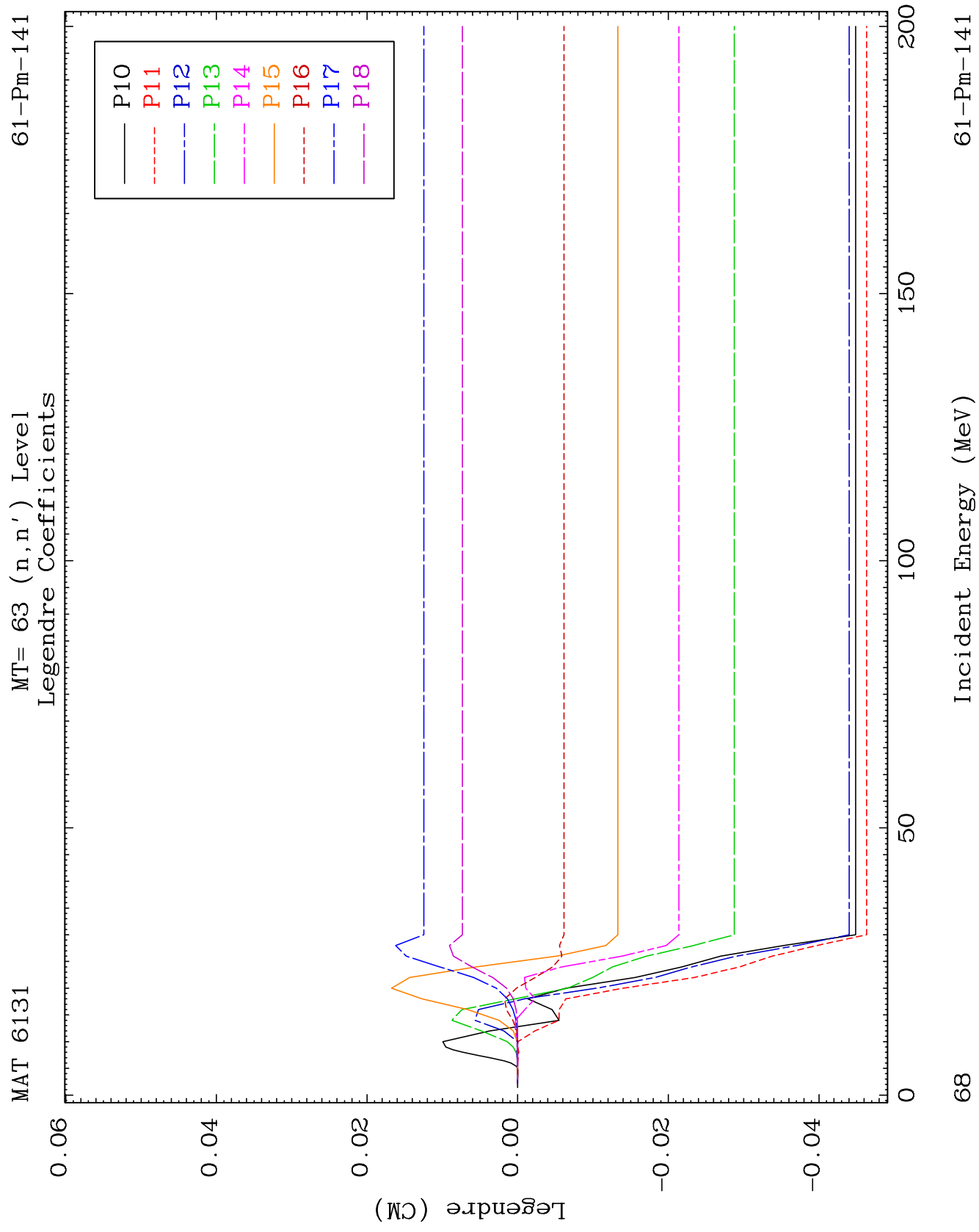


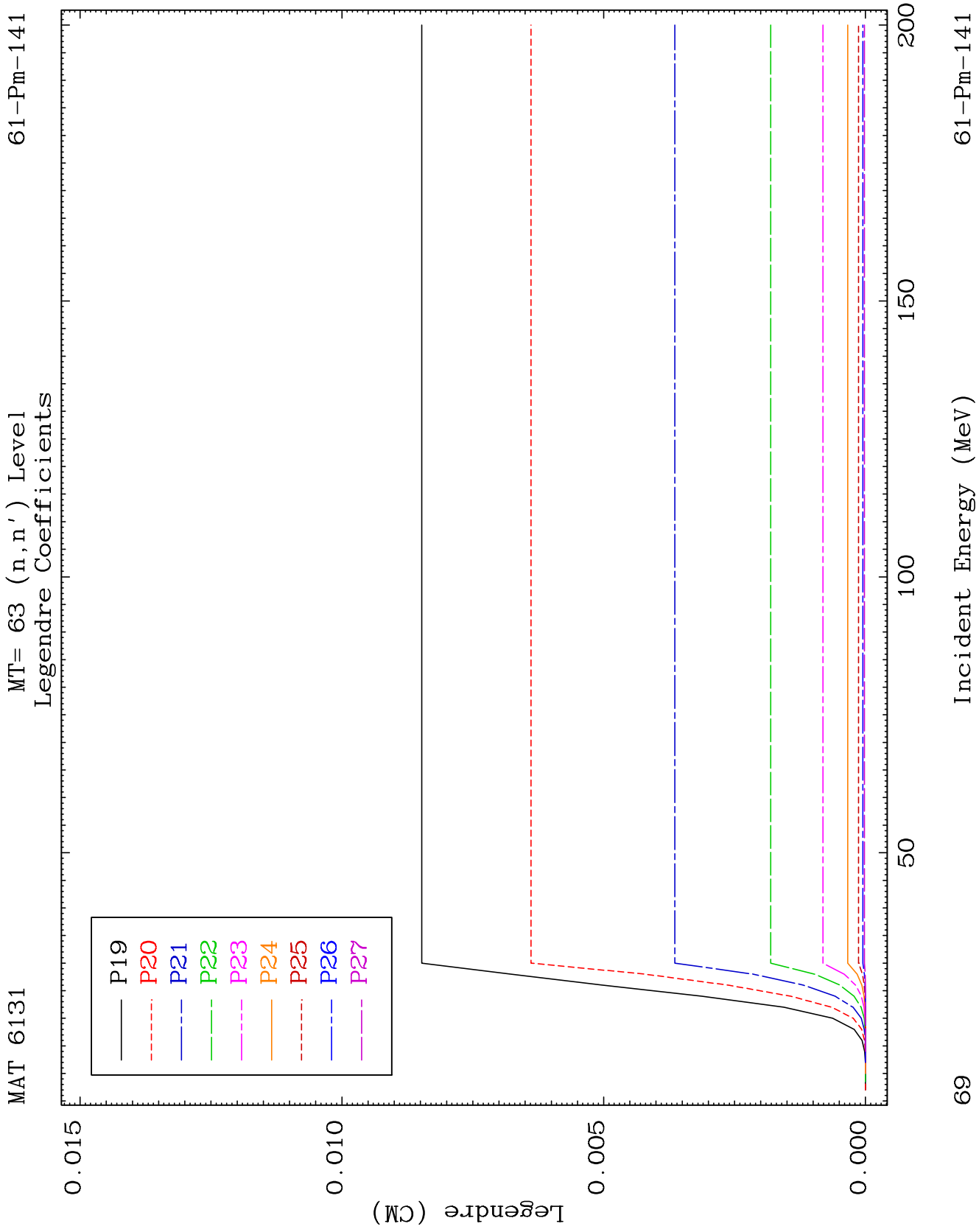
MAT 6131

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

61-Pm-141



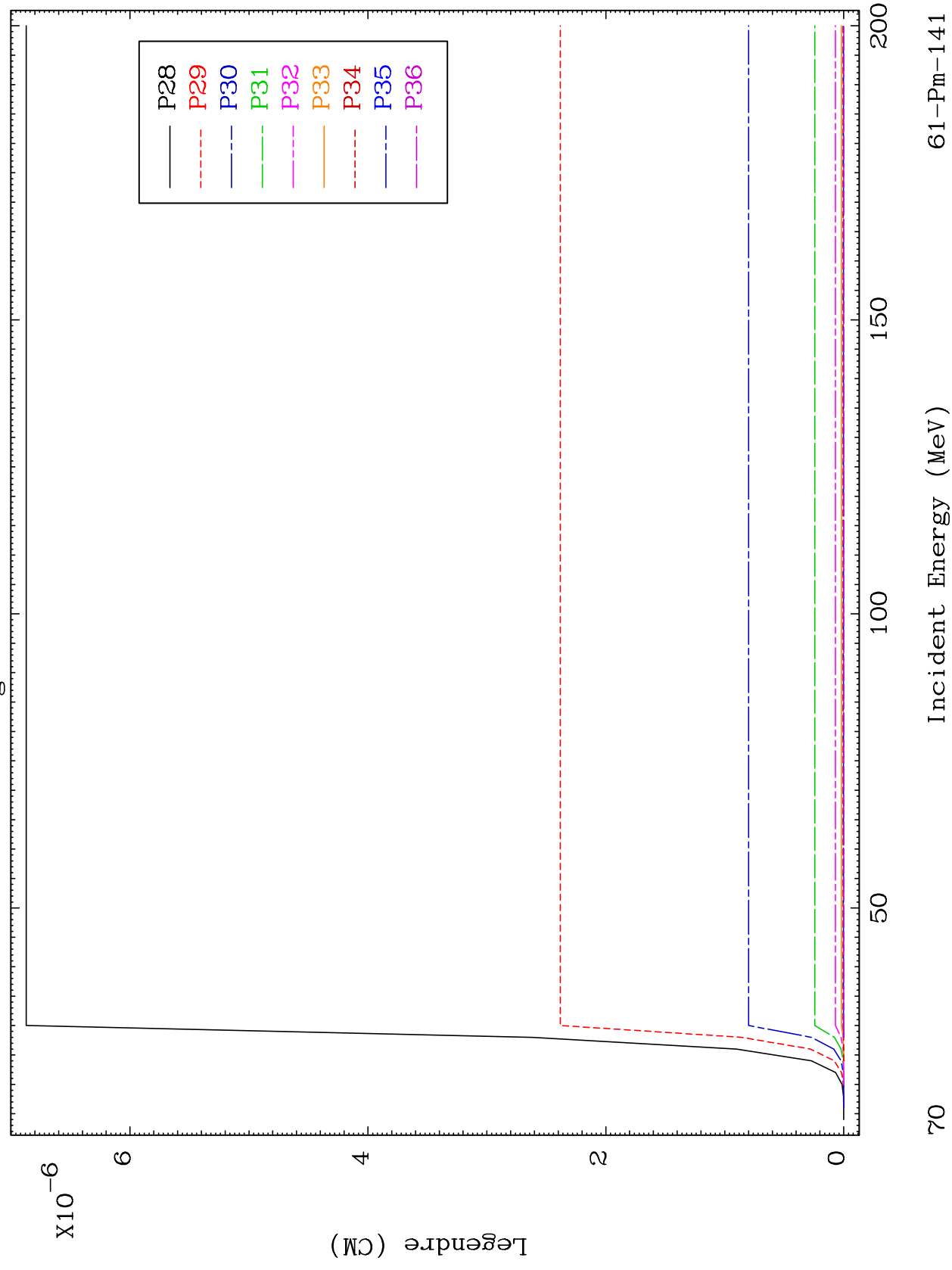




MAT 6131

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

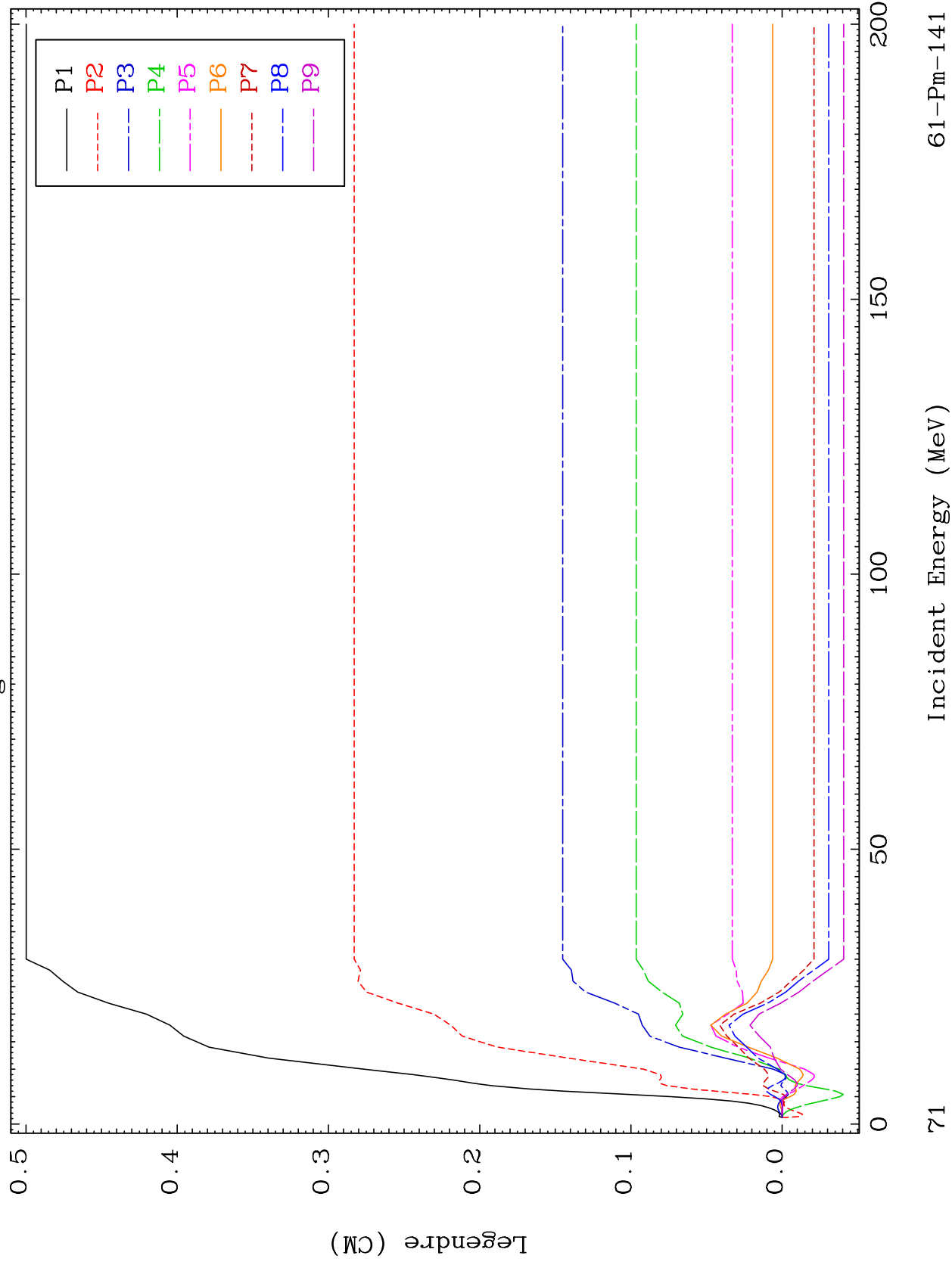
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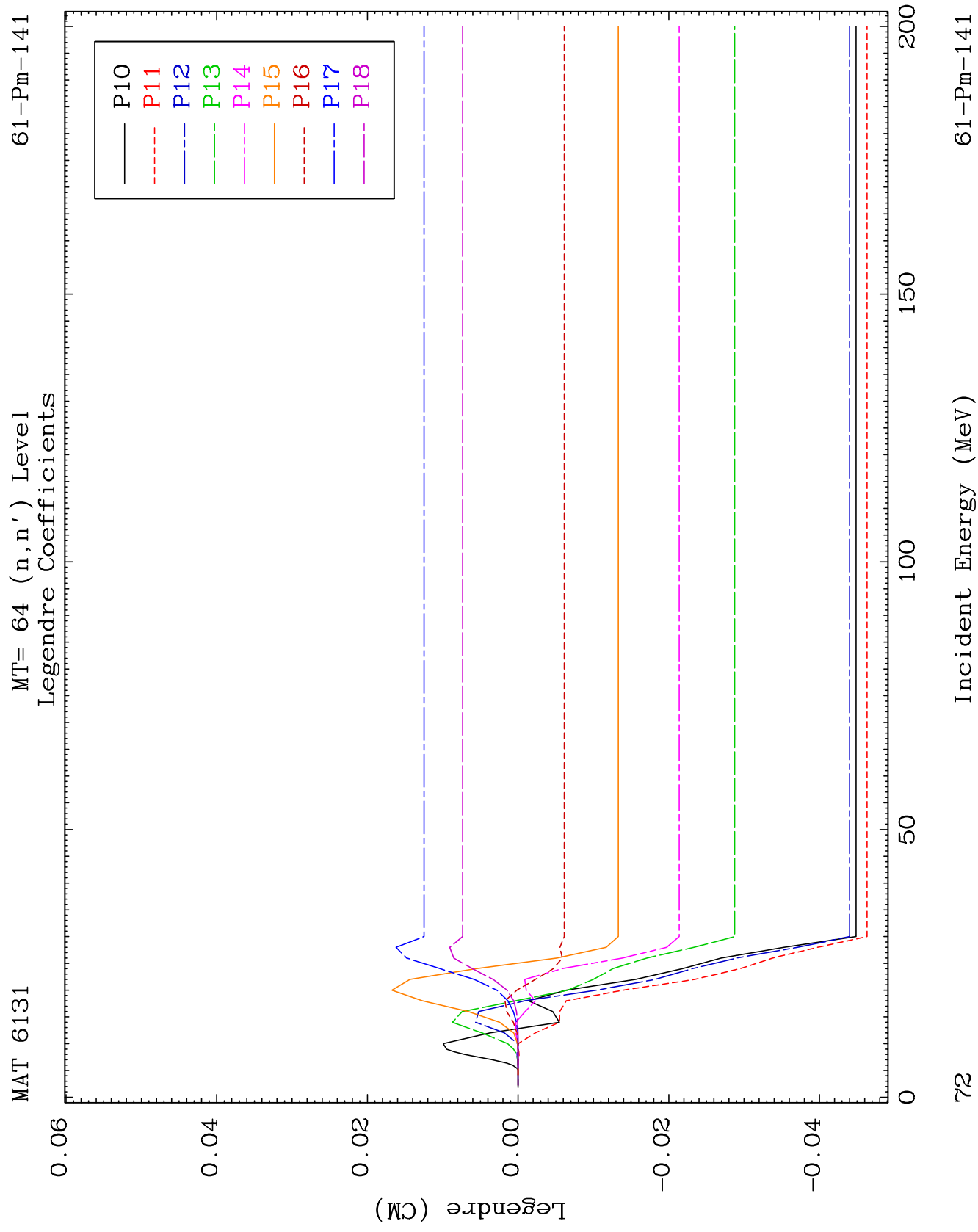


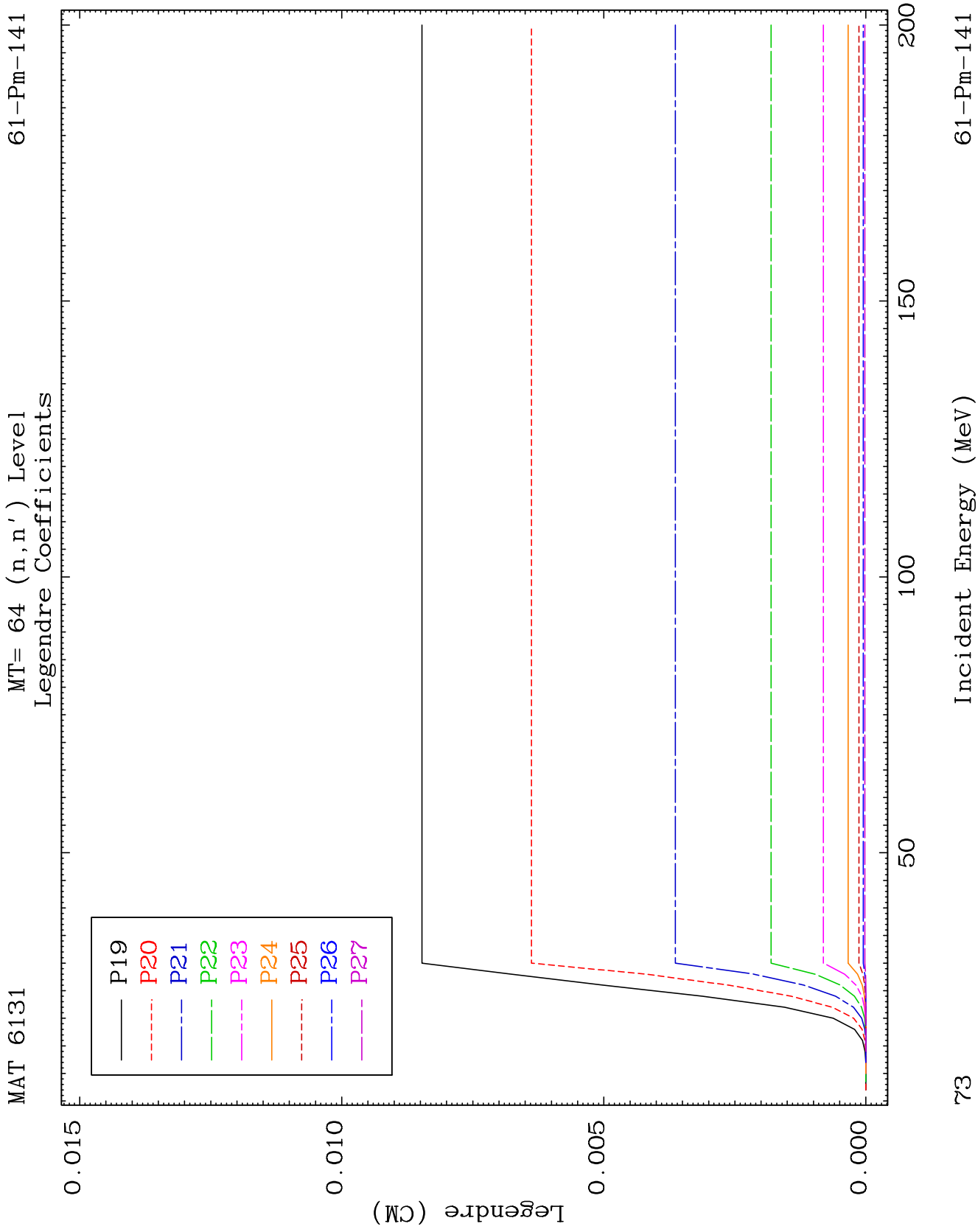
MAT 6131

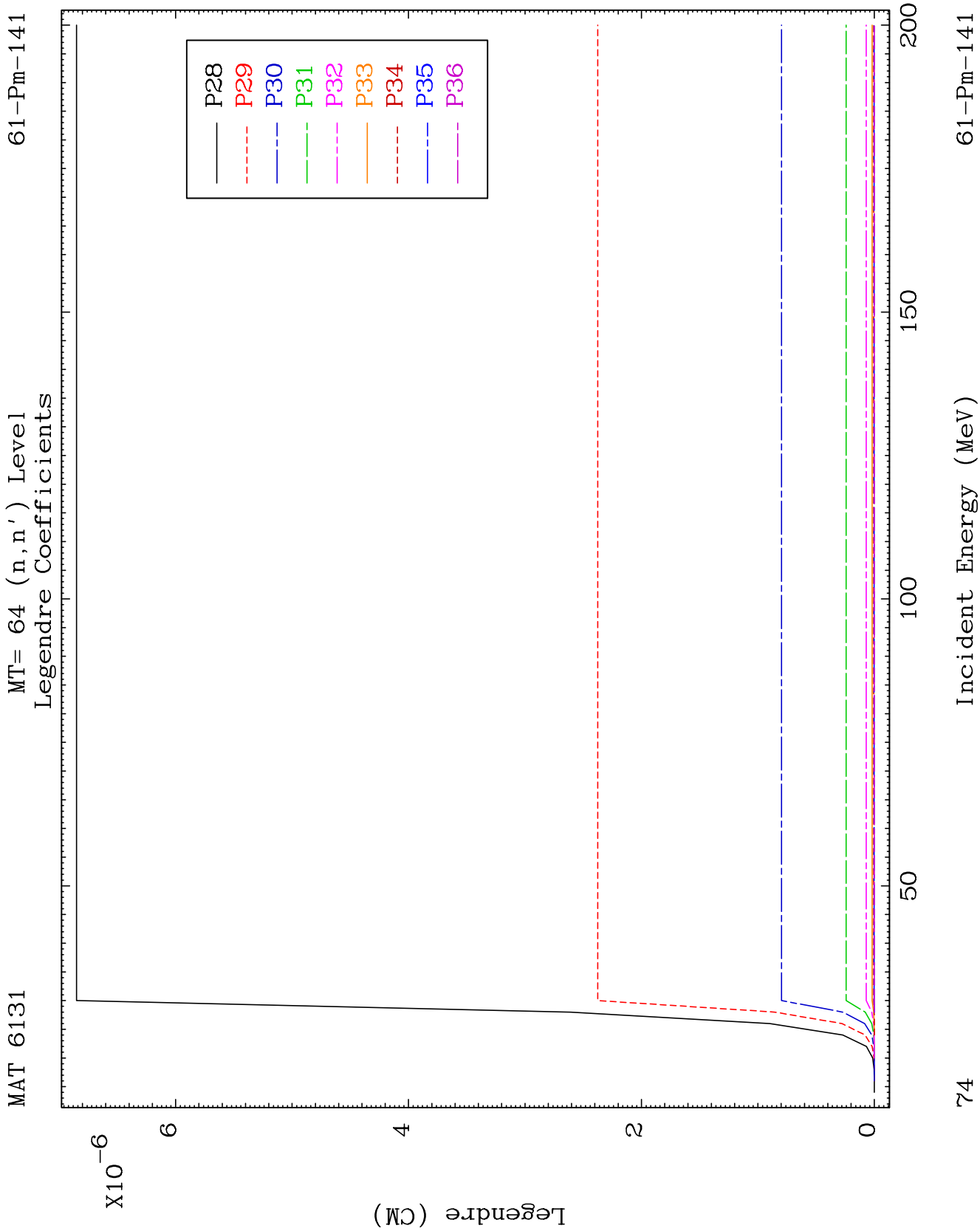
MT= 64 (n, n') Level
Legendre Coefficients

61-Pm-141





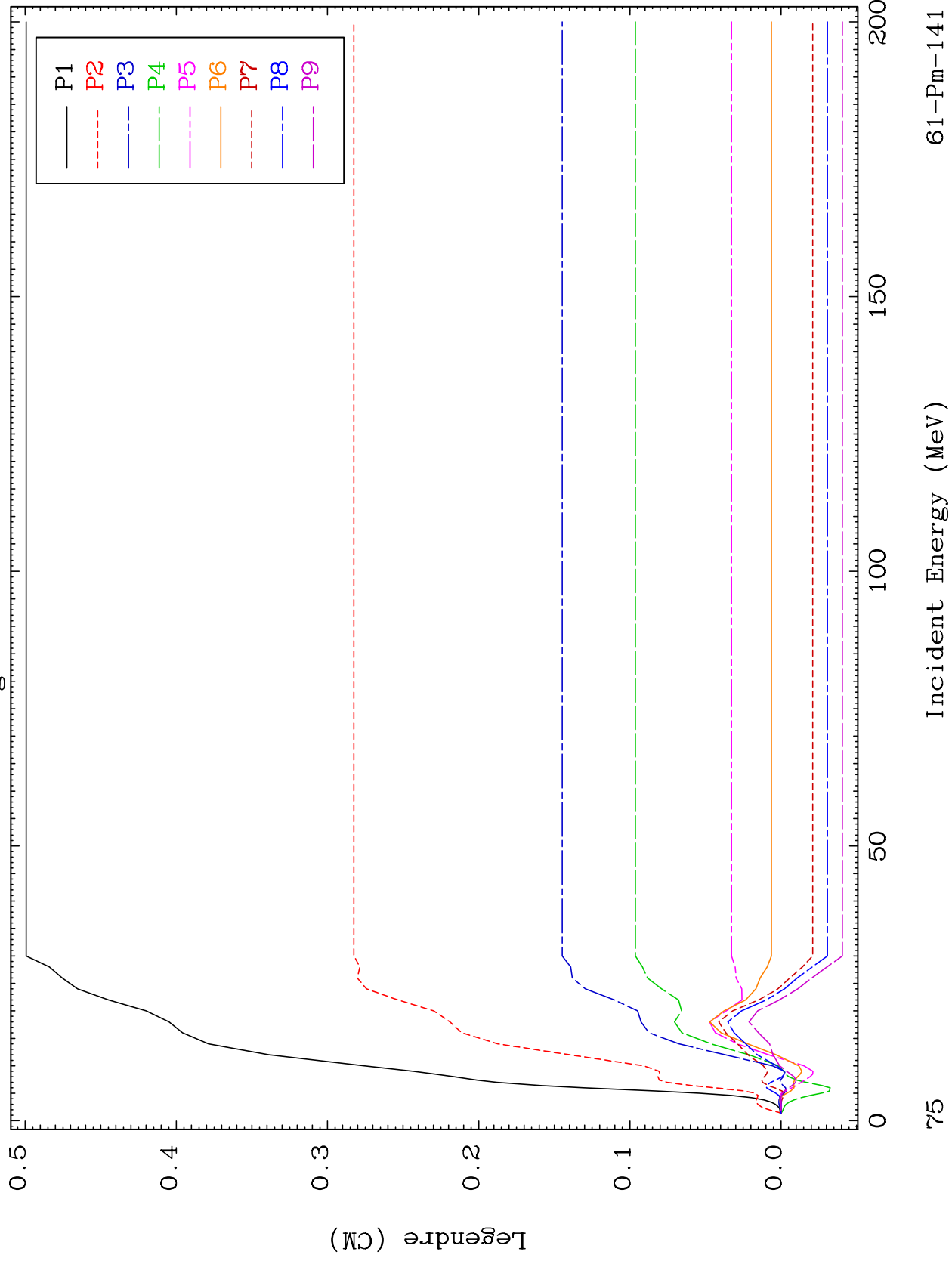


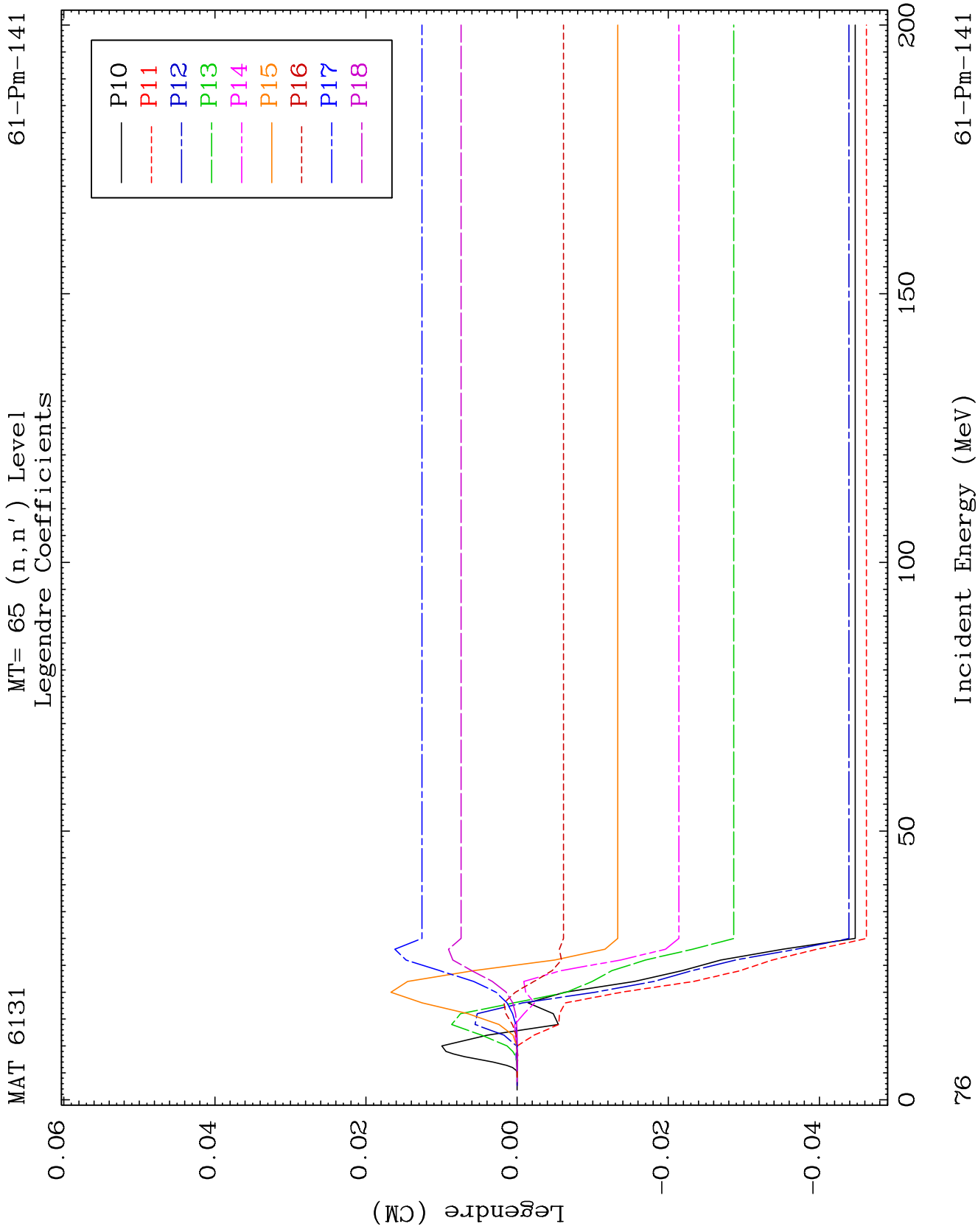


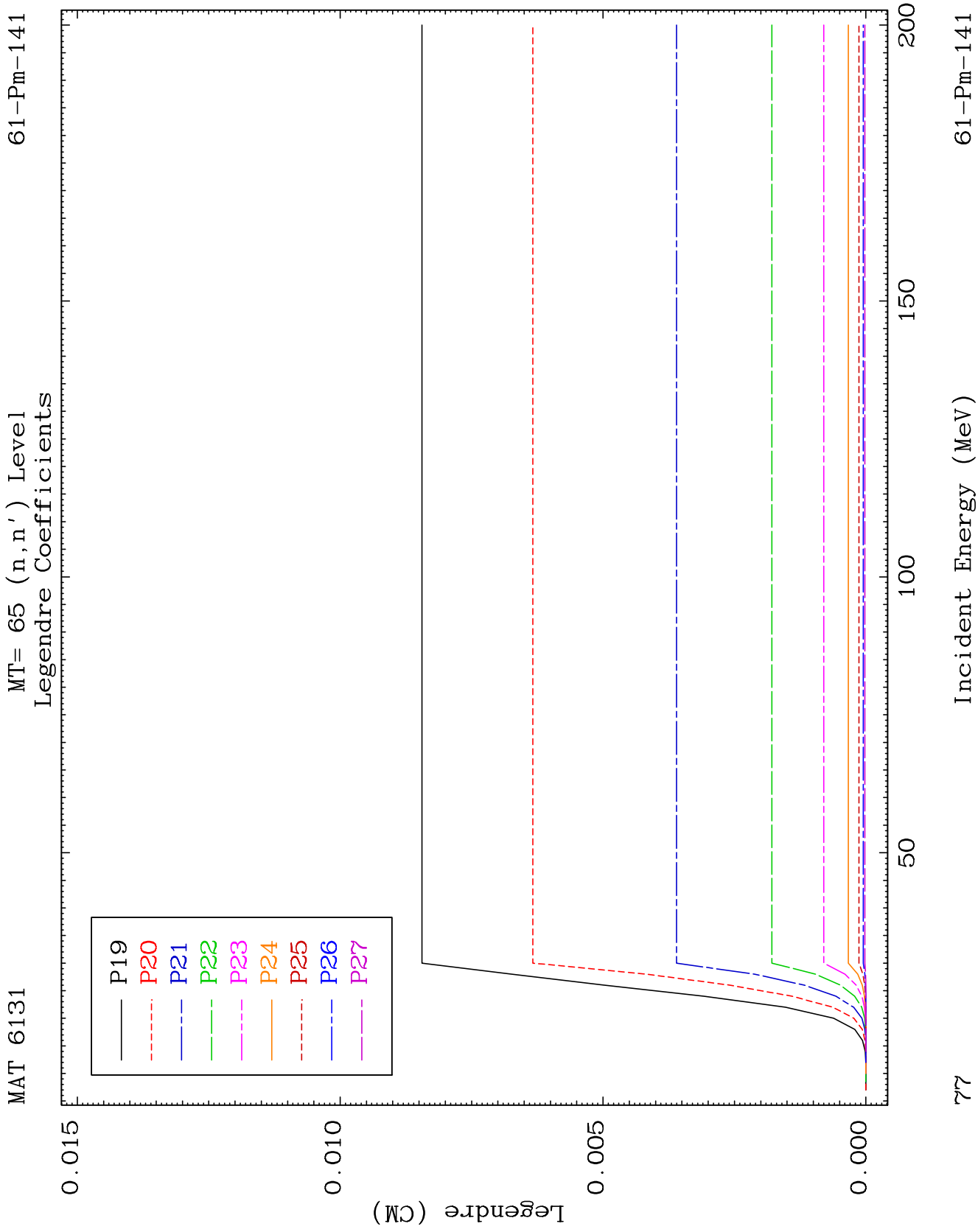
MAT 6131

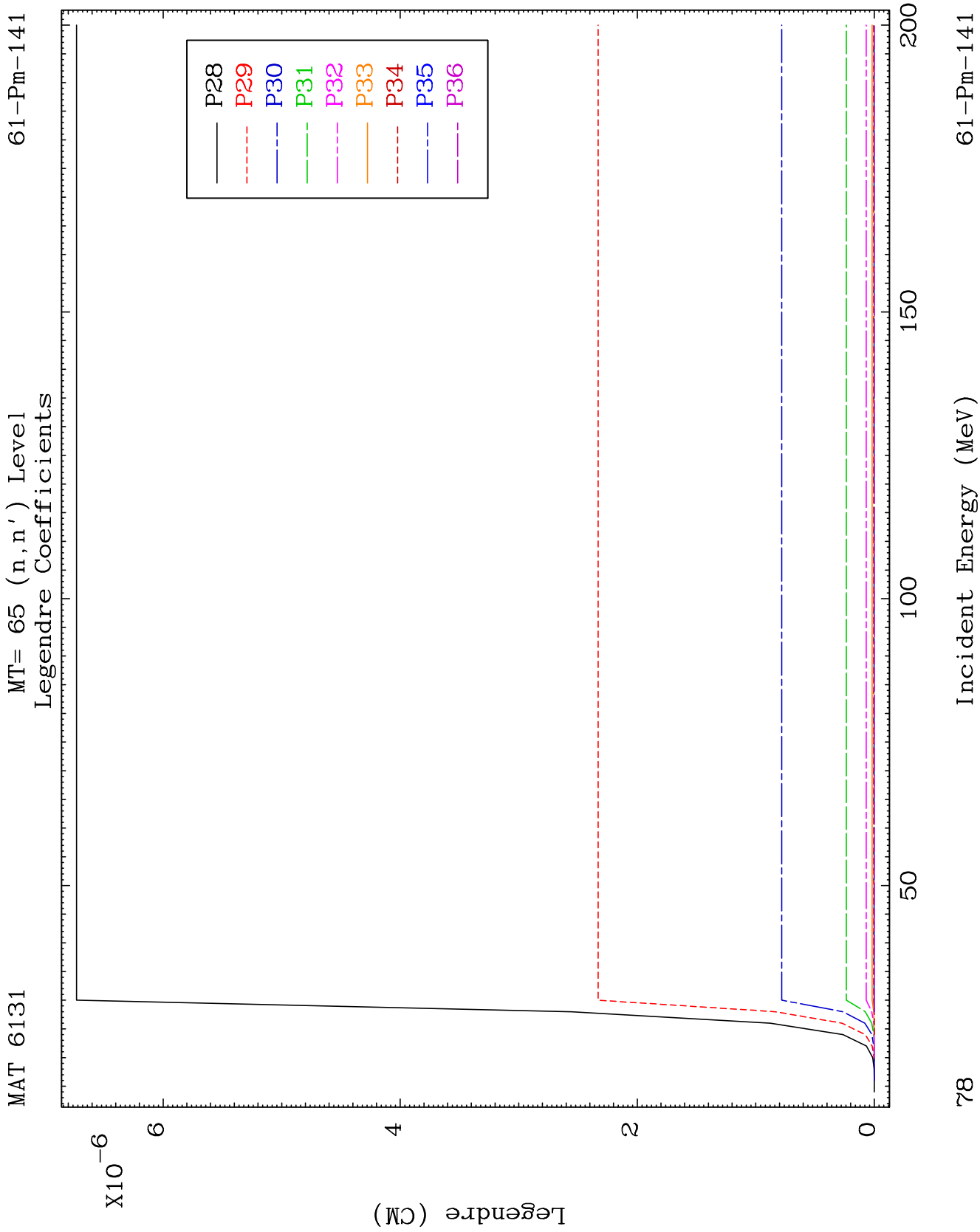
MT= 65 (n, n') Level
Legendre Coefficients

61-Pm-141





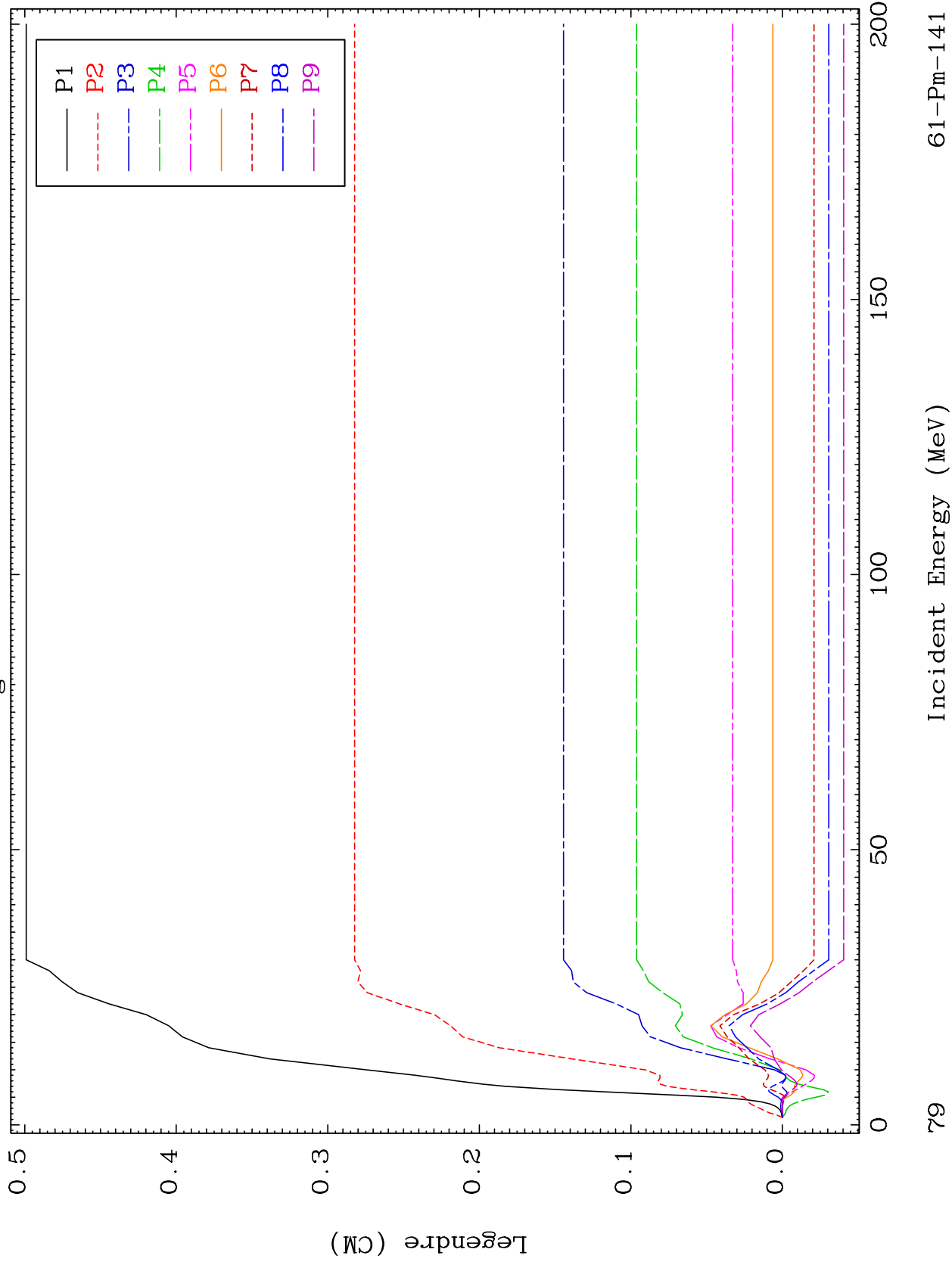


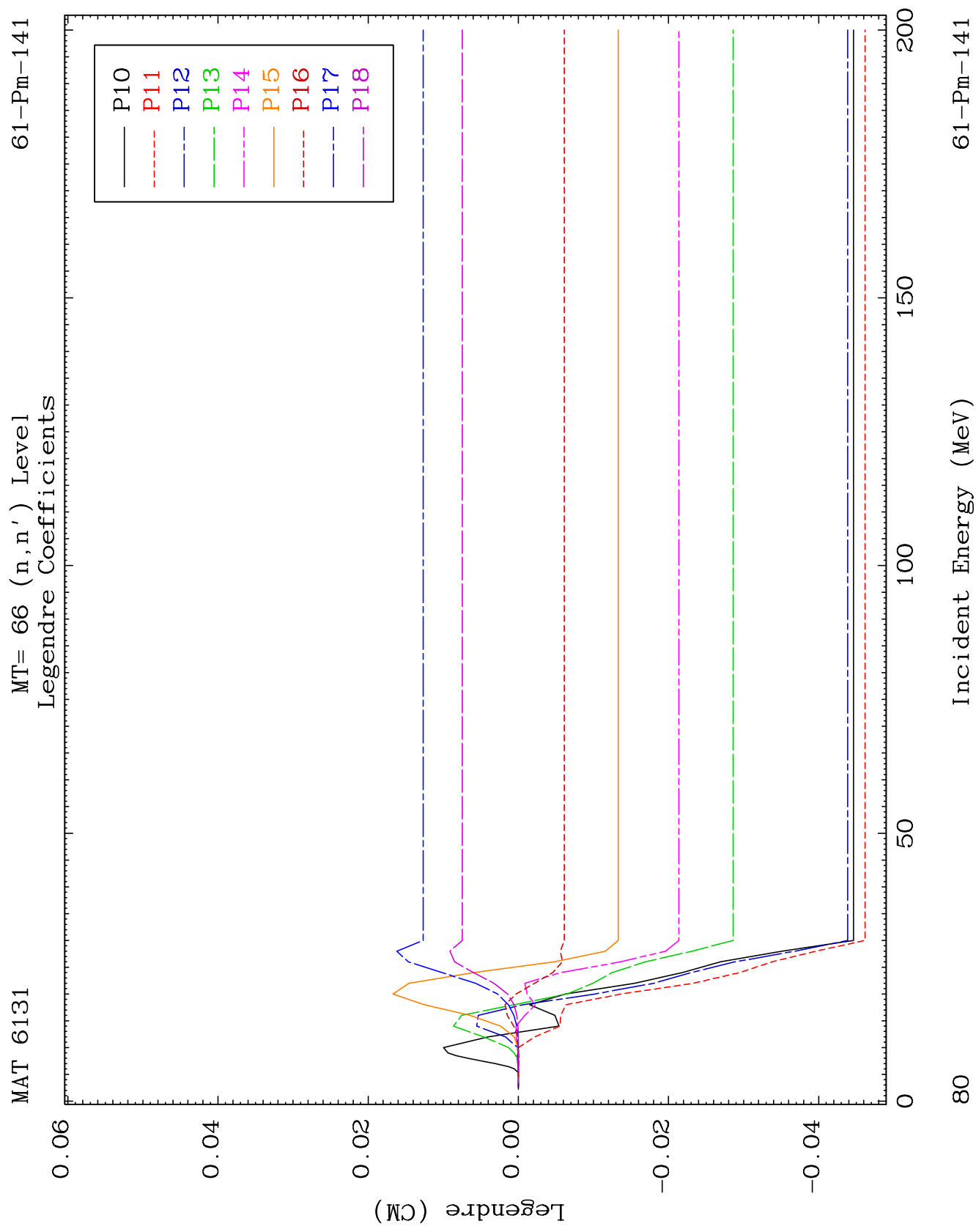


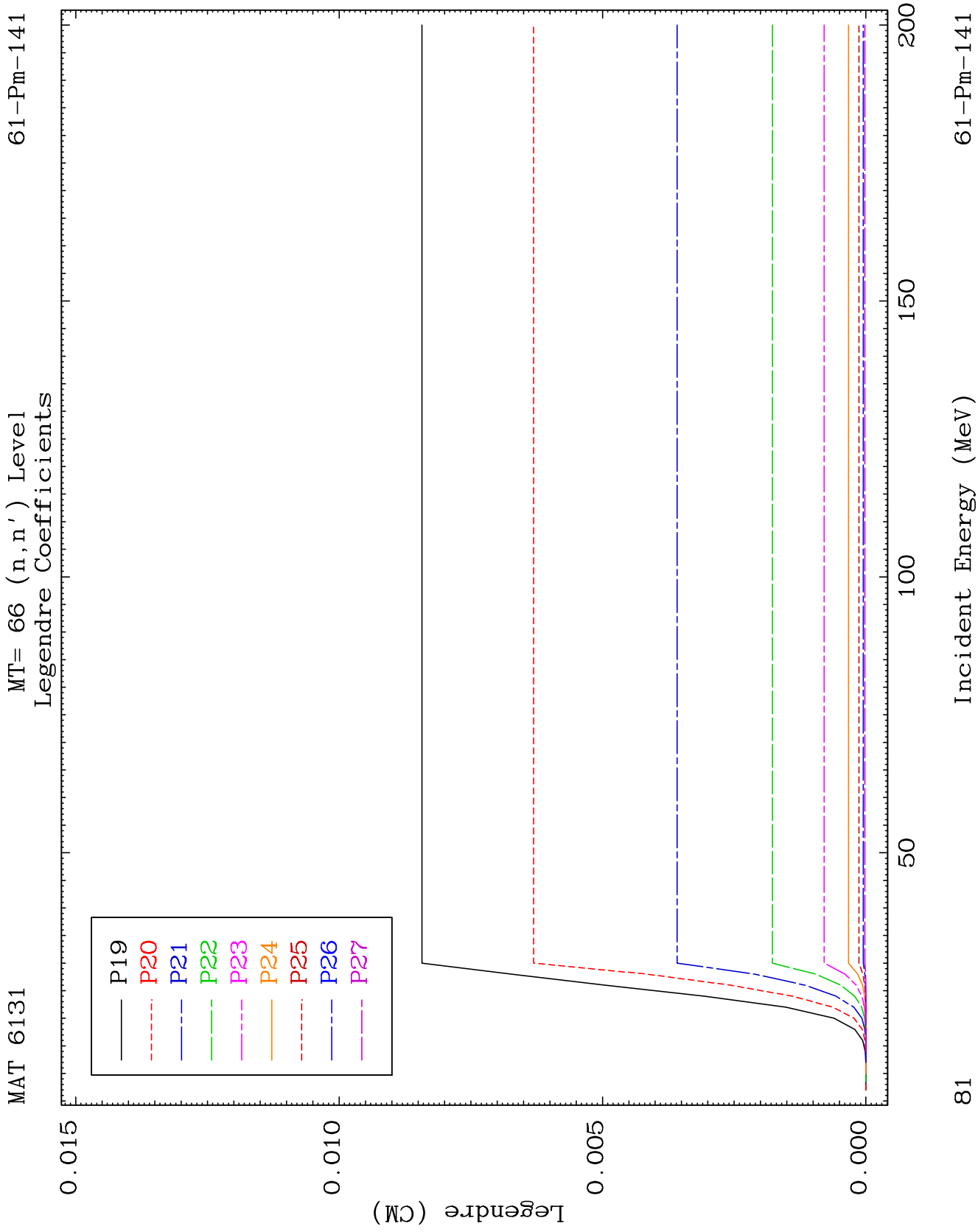
MAT 6131

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

61-Pm-141



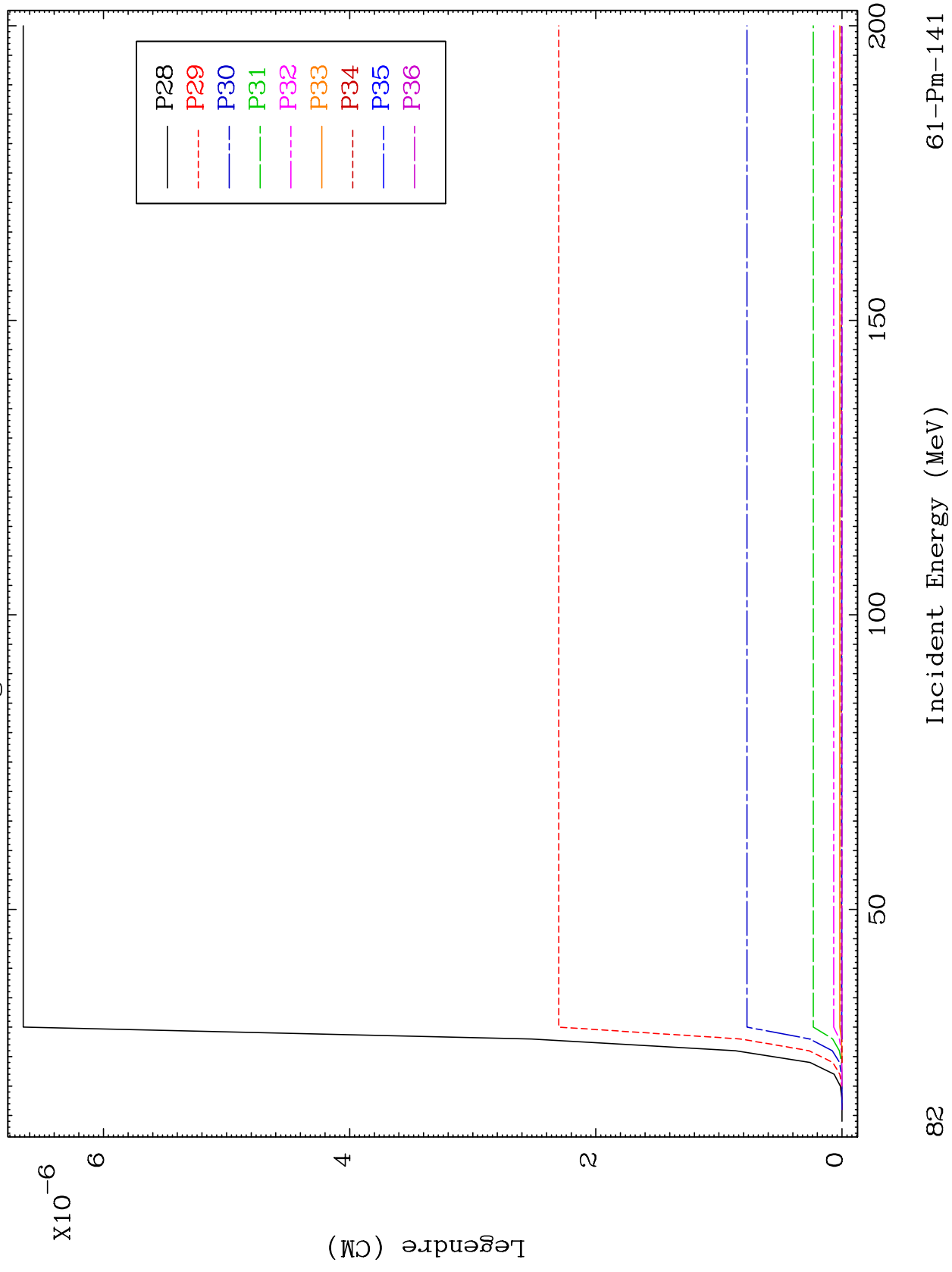




MAT 6131

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

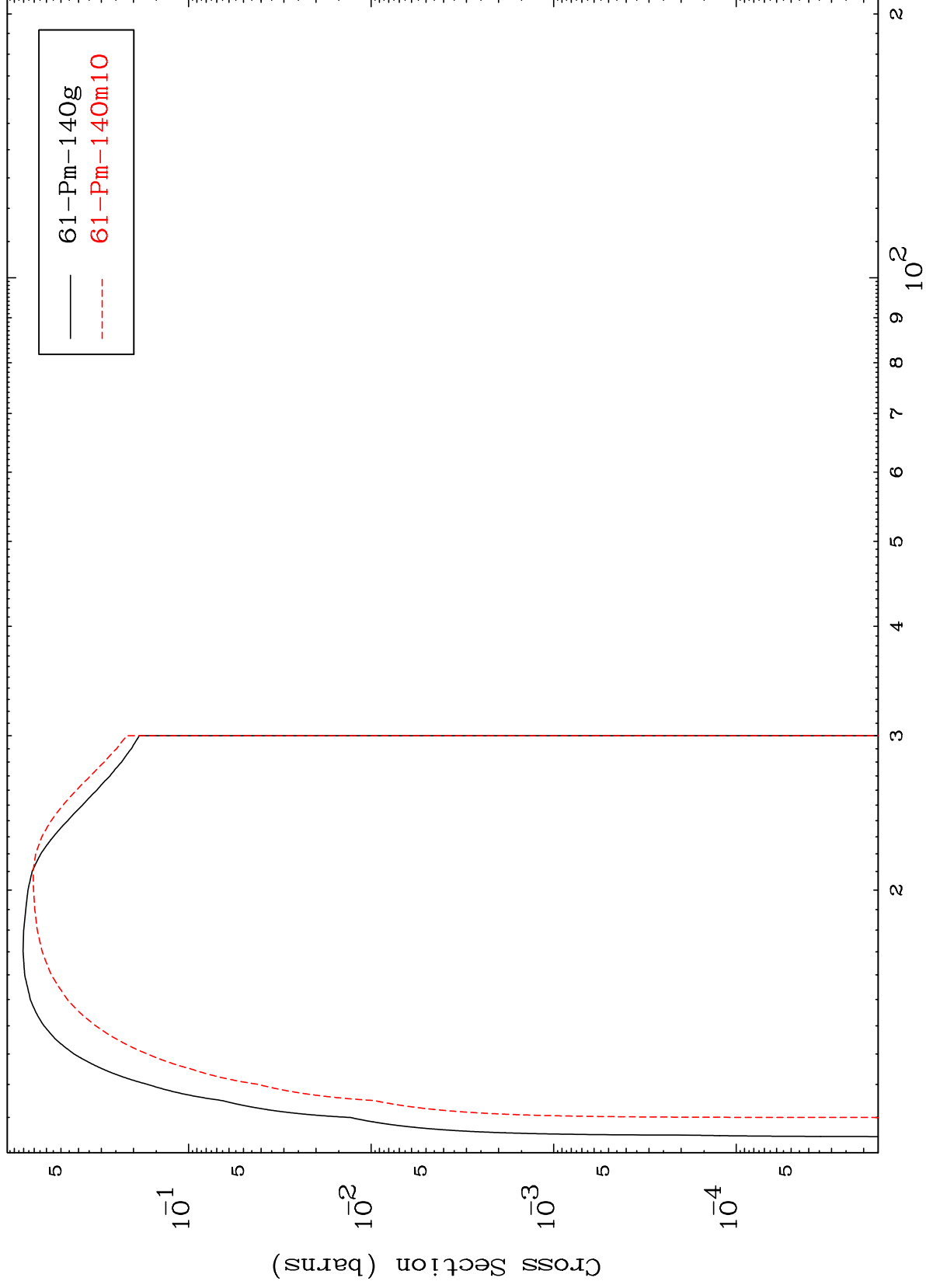
61-Pm-141



MAT 6131

61-Pm-141

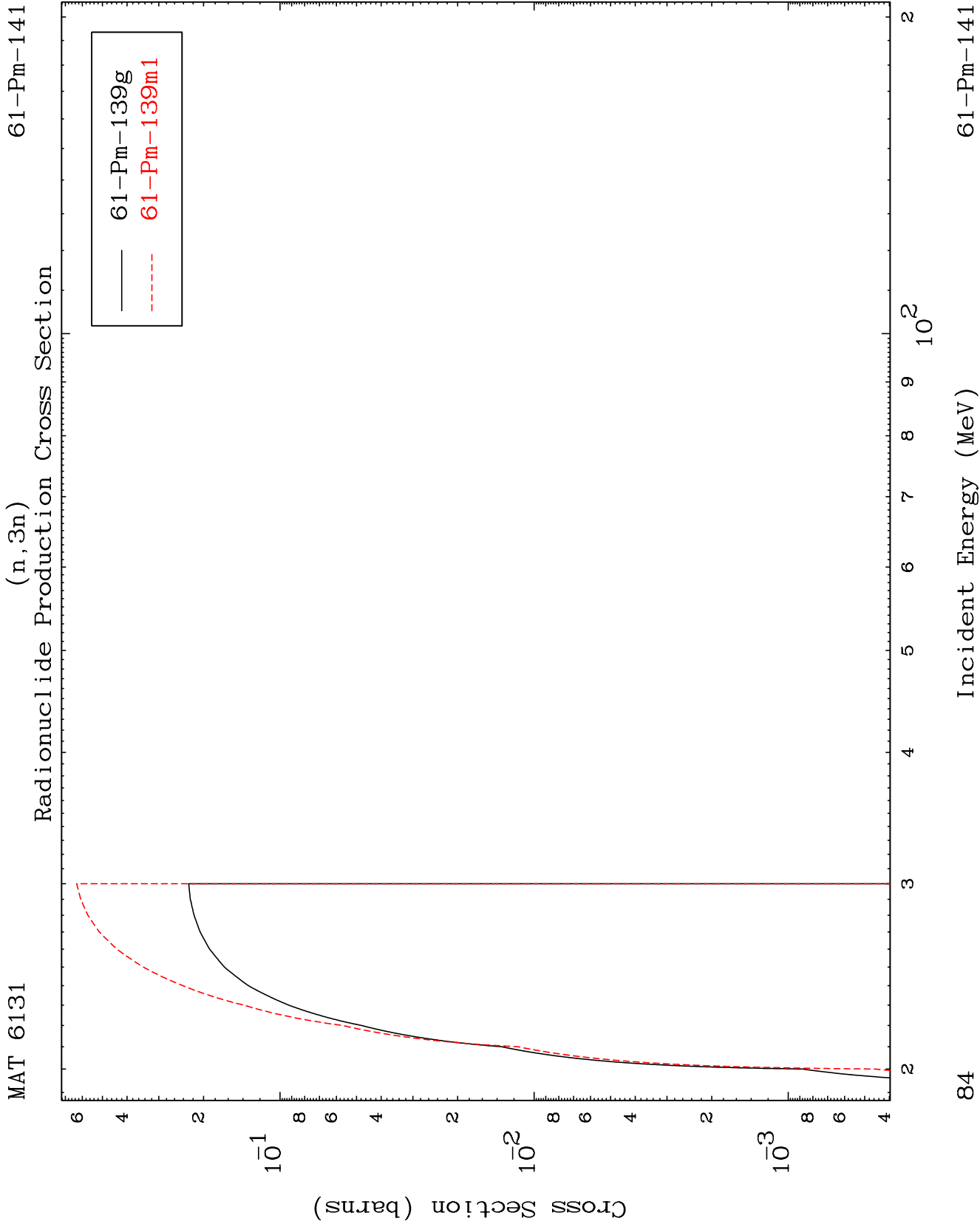
(n,2n)
Radionuclide Production Cross Section

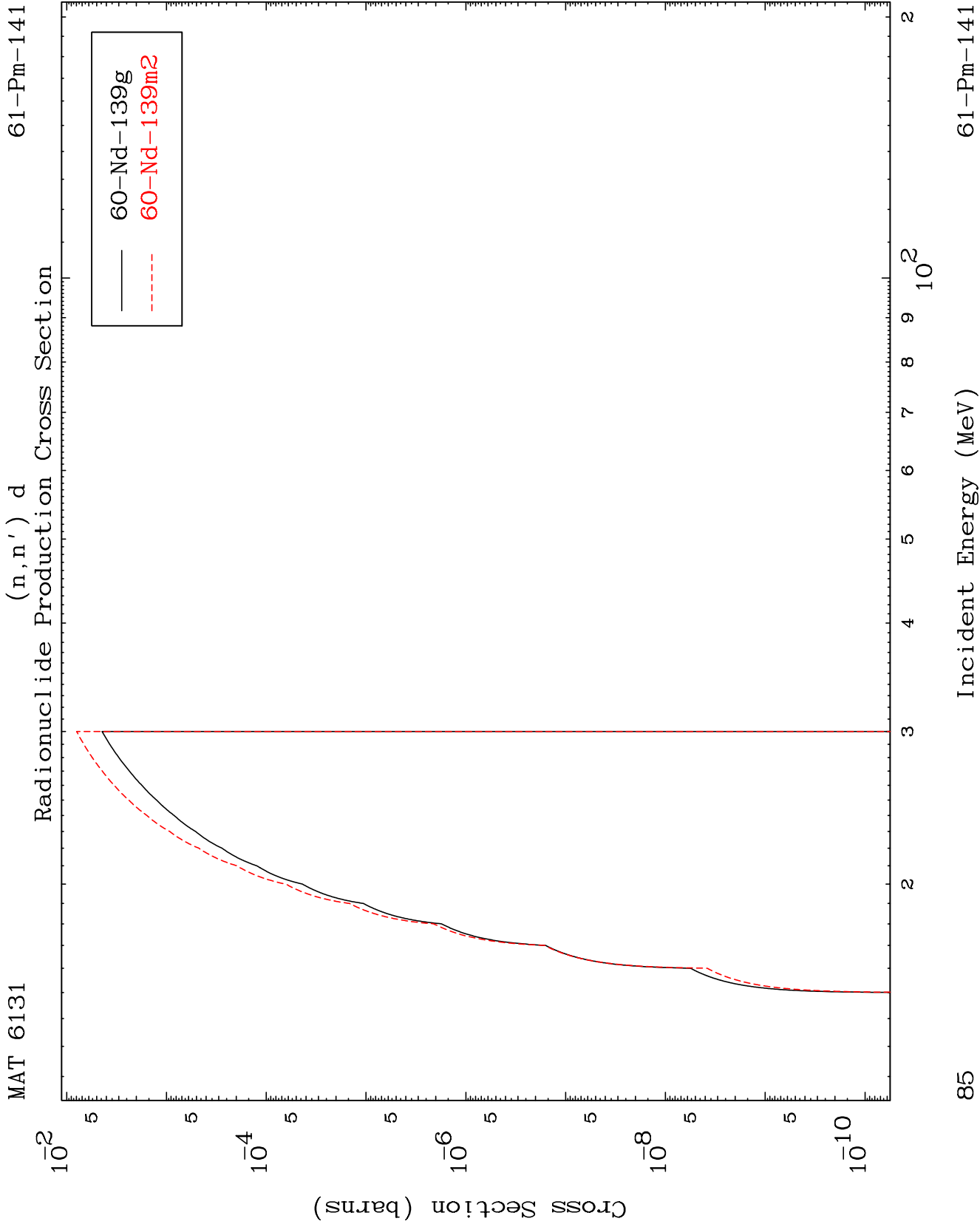


83

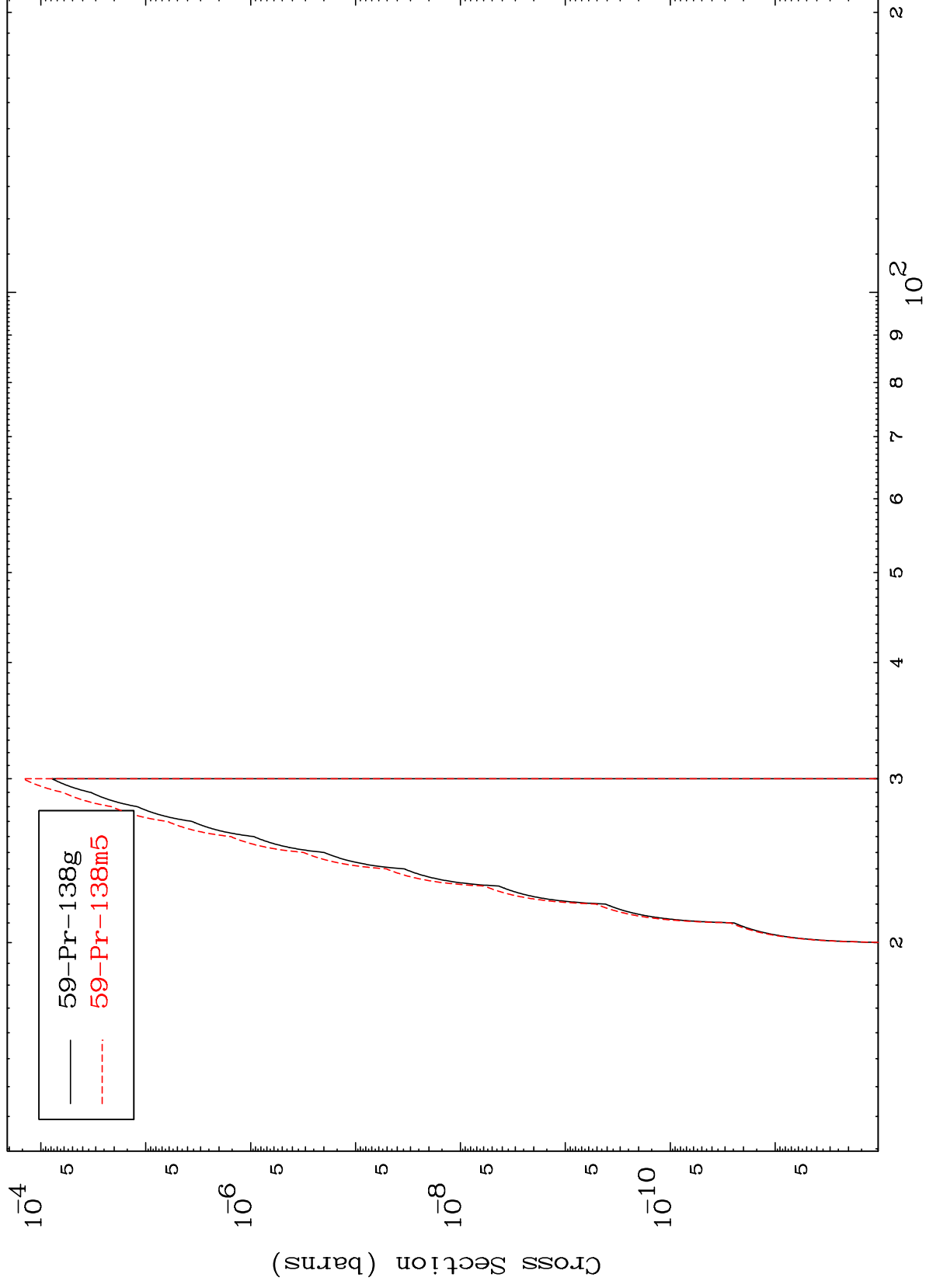
Incident Energy (MeV)

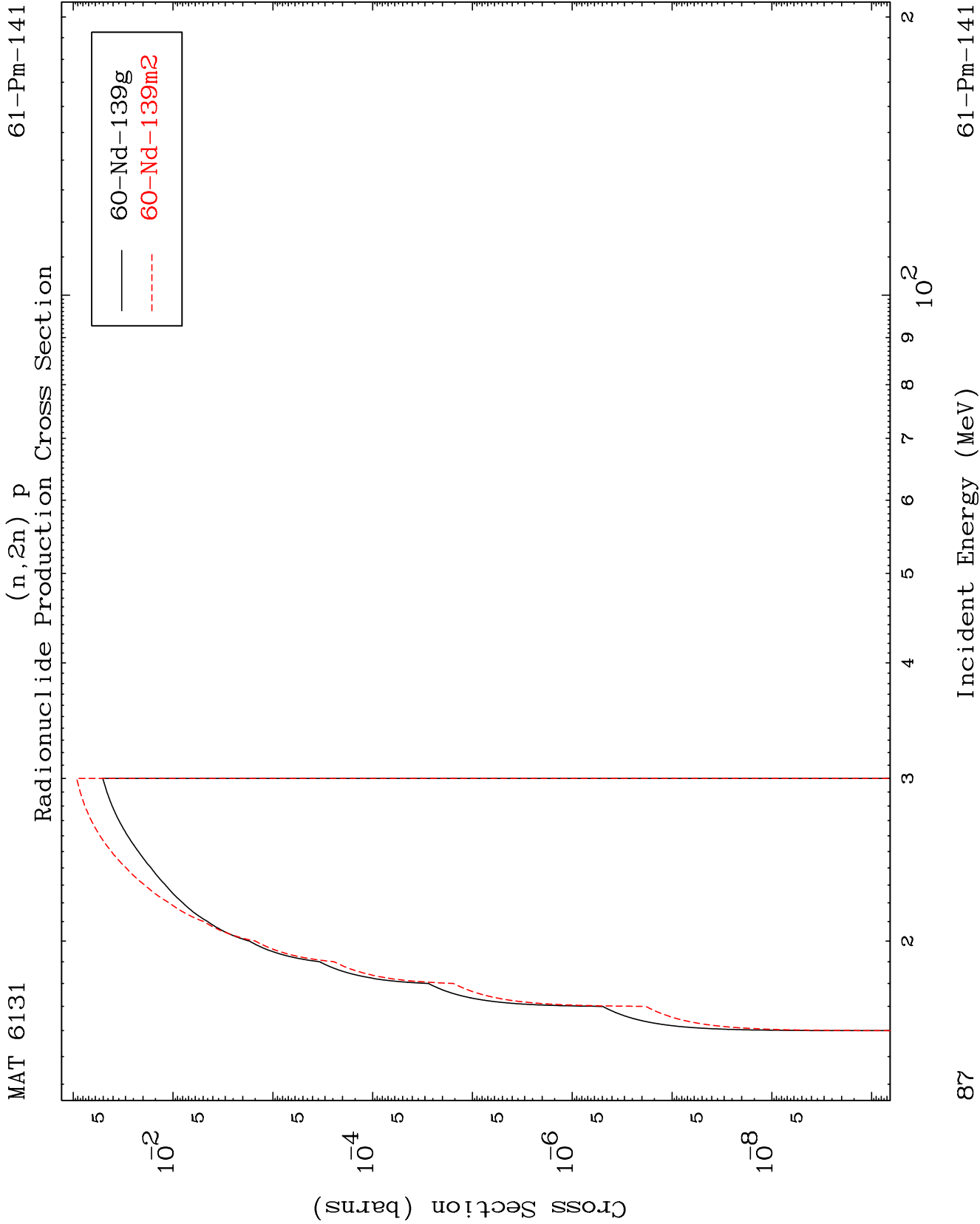
61-Pm-141

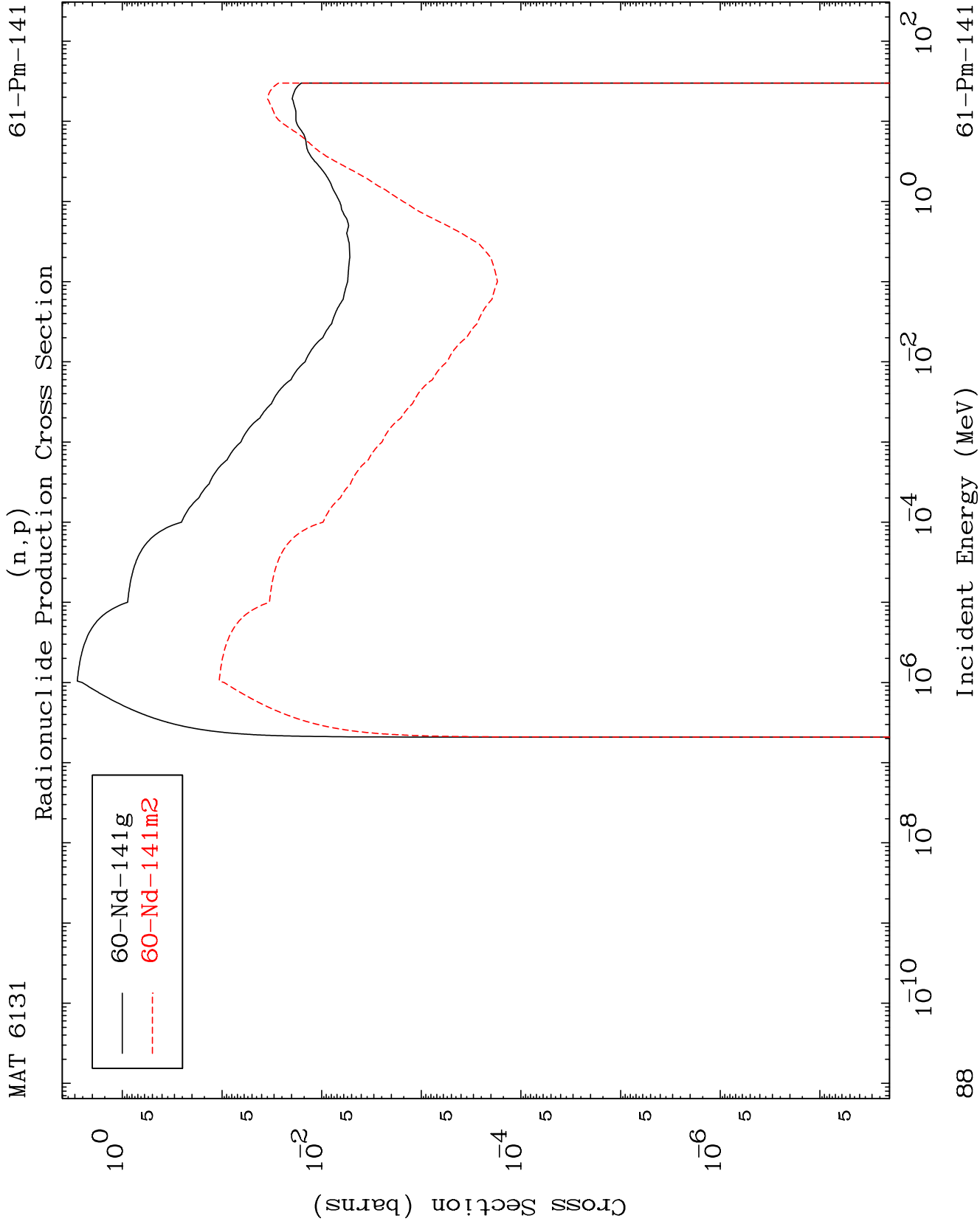




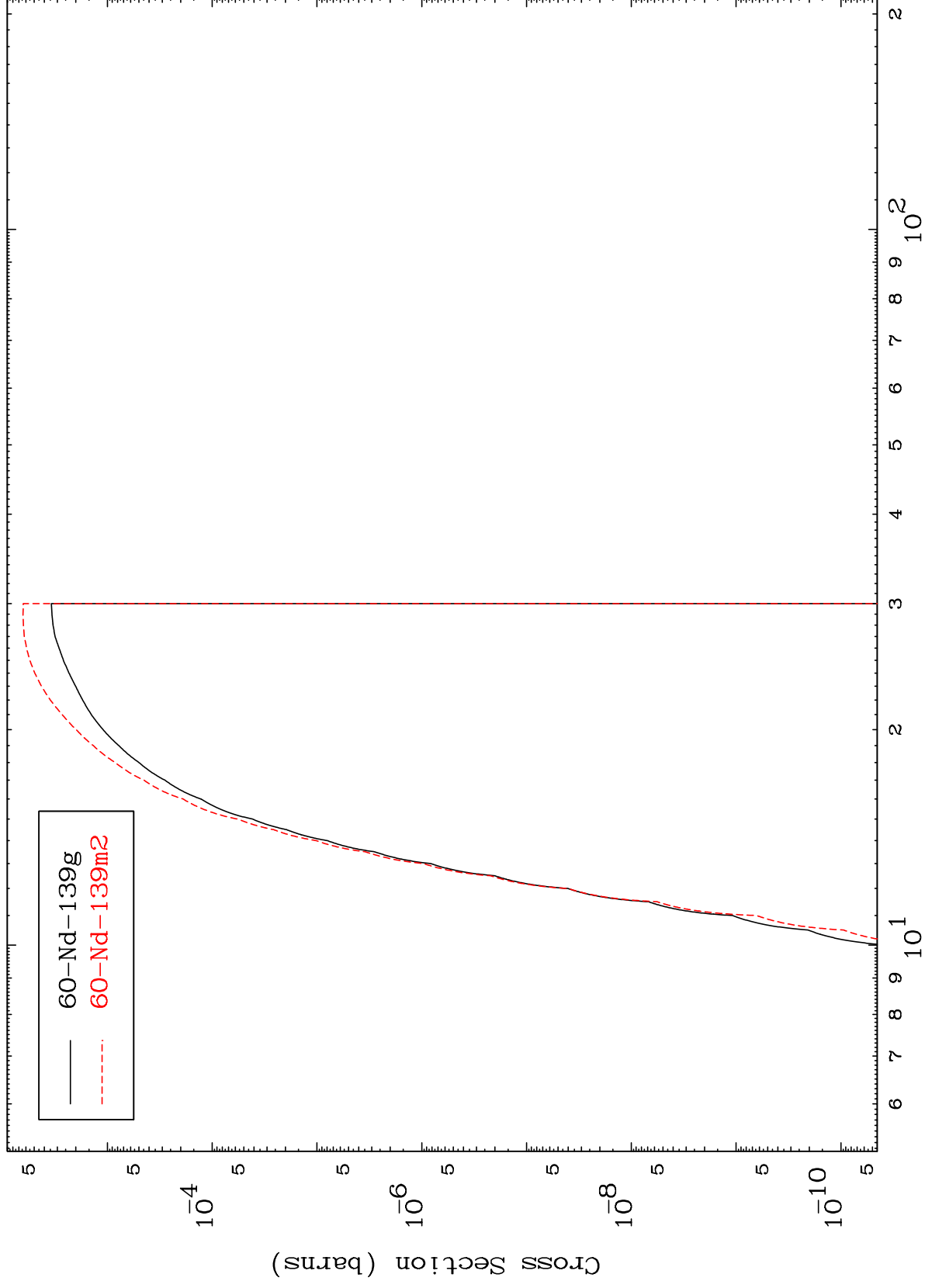
Radionuclide Production Cross Section







Radionuclide Production Cross Section (n,t)

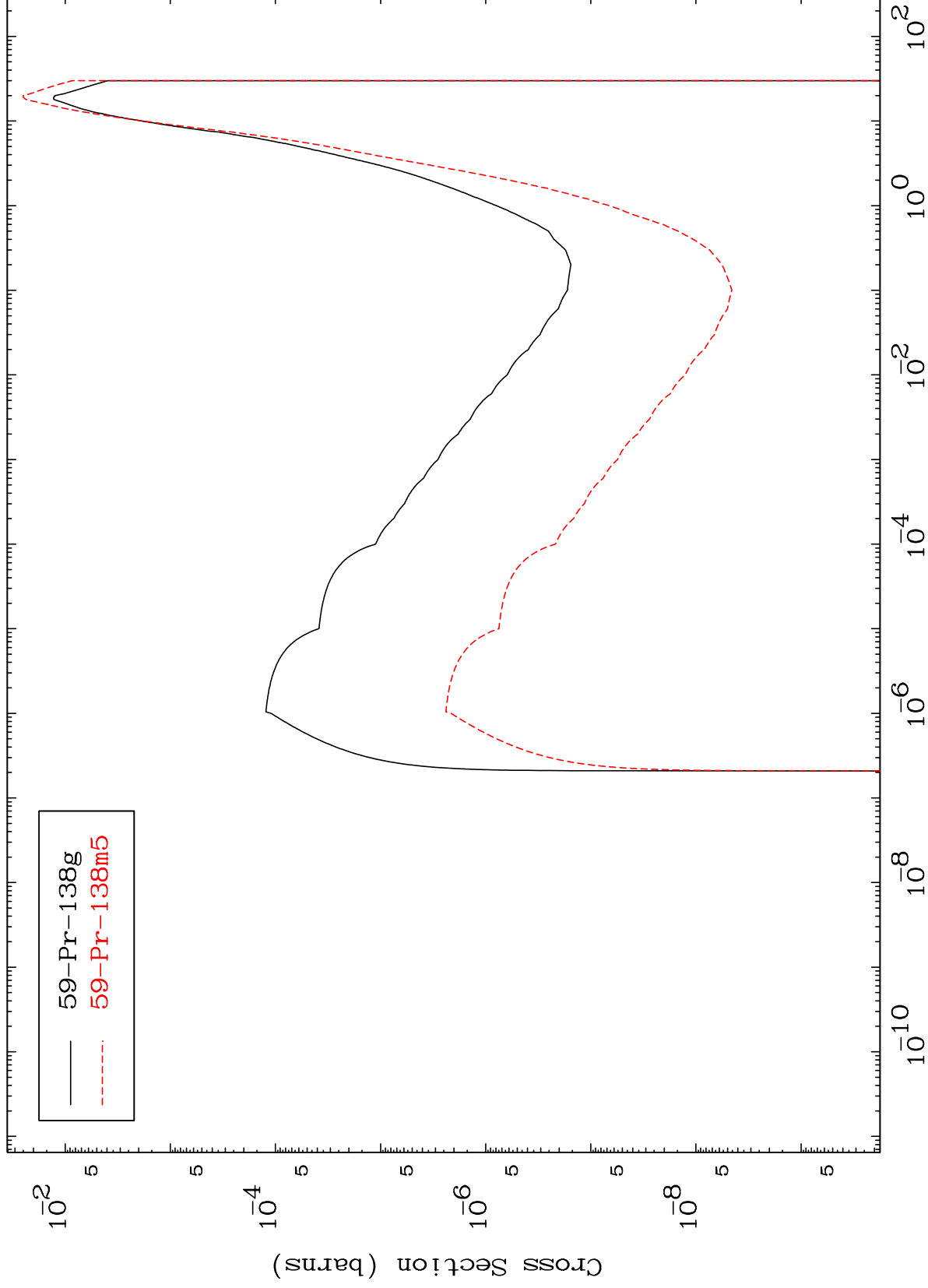


MAT 6131

(n, α)

61-Pm-141

Radionuclide Production Cross Section



90

Incident Energy (MeV)

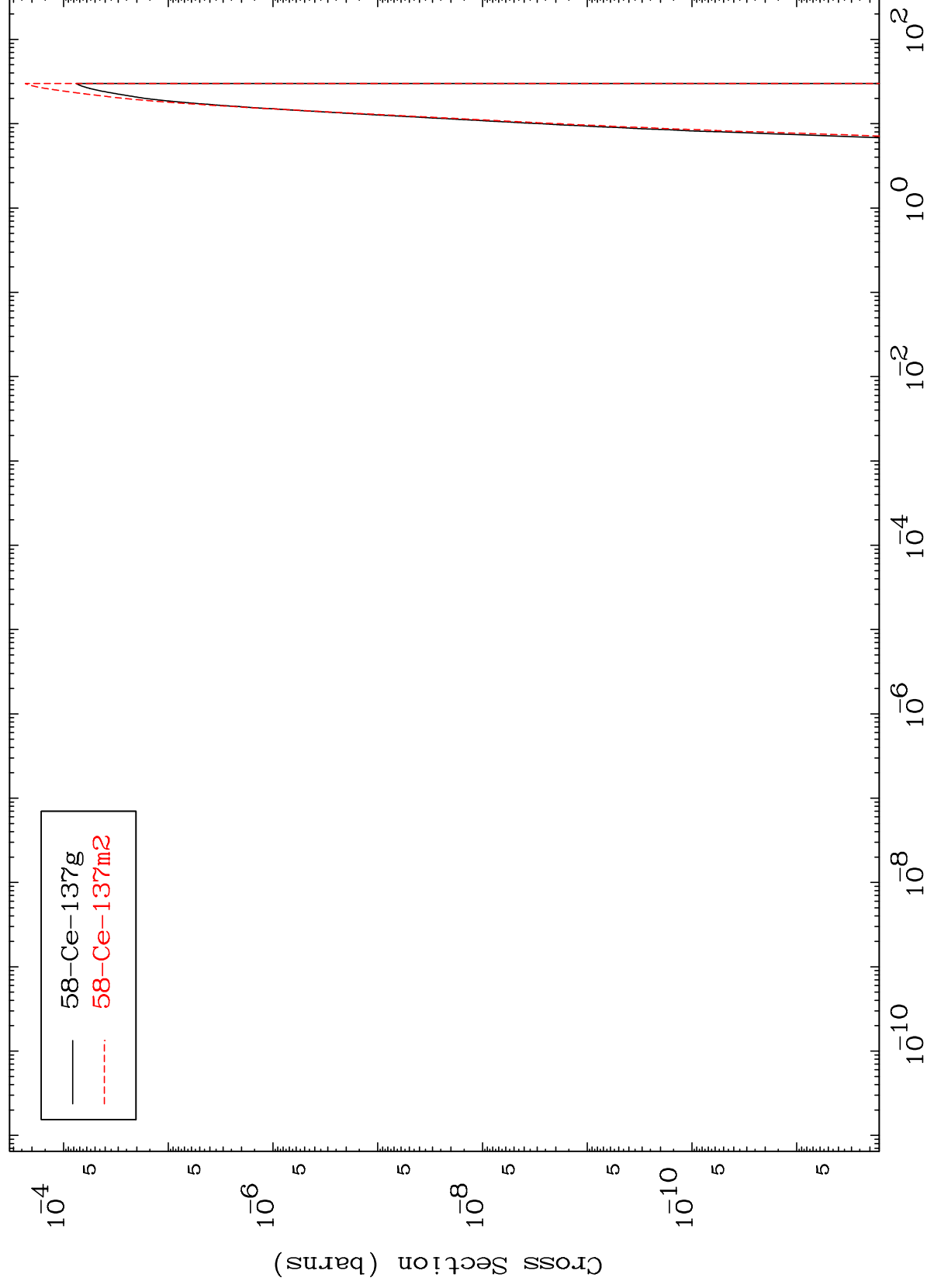
61-Pm-141

MAT 6131

(n,p) α

61-Pm-141

Radionuclide Production Cross Section



91

Incident Energy (MeV)

61-Pm-141

(n,p) t
Radionuclide Production Cross Section