

Program EVALPLOT
(Version 2021-1)

by

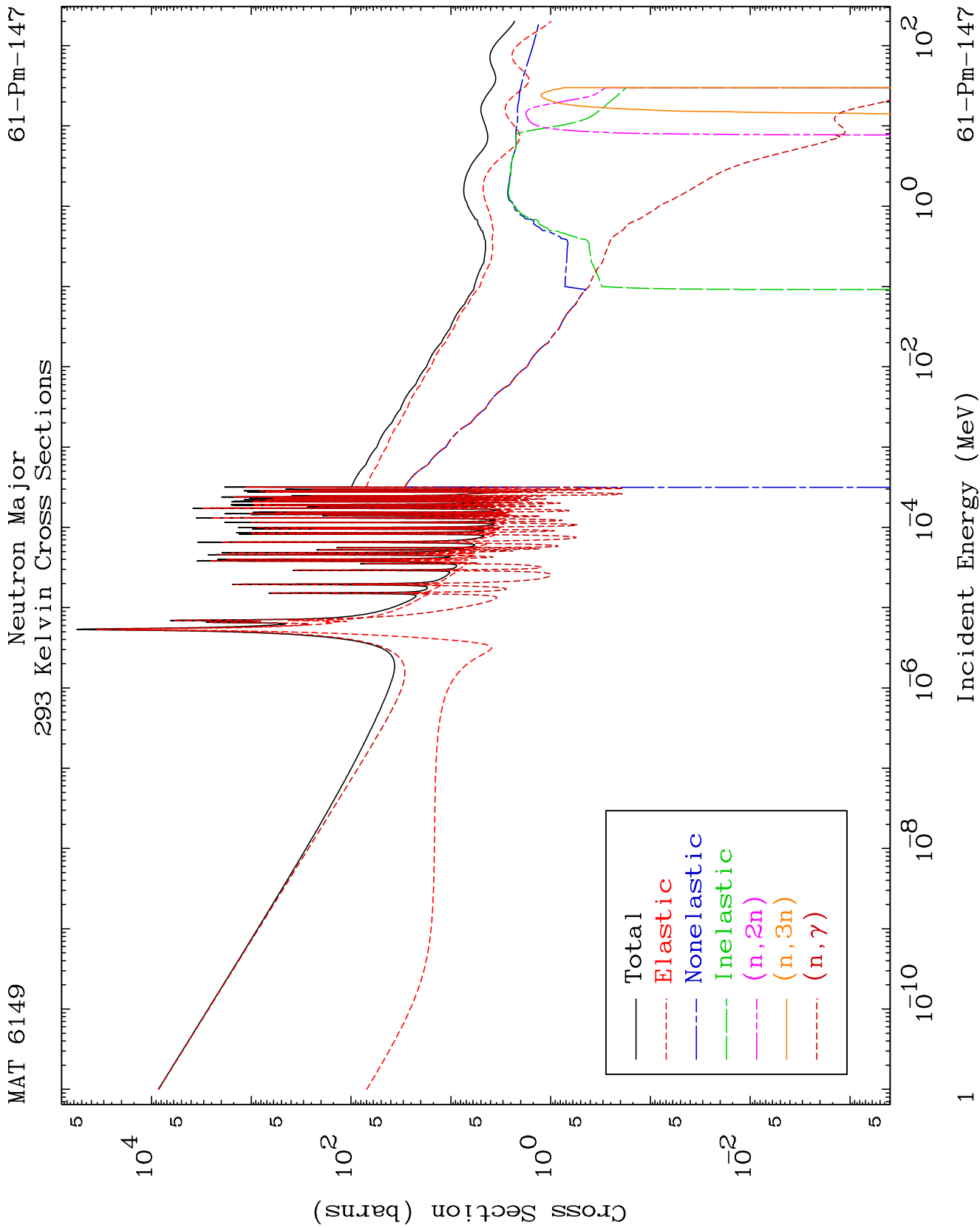
Dermott E. Cullen
(Present Contact Information)

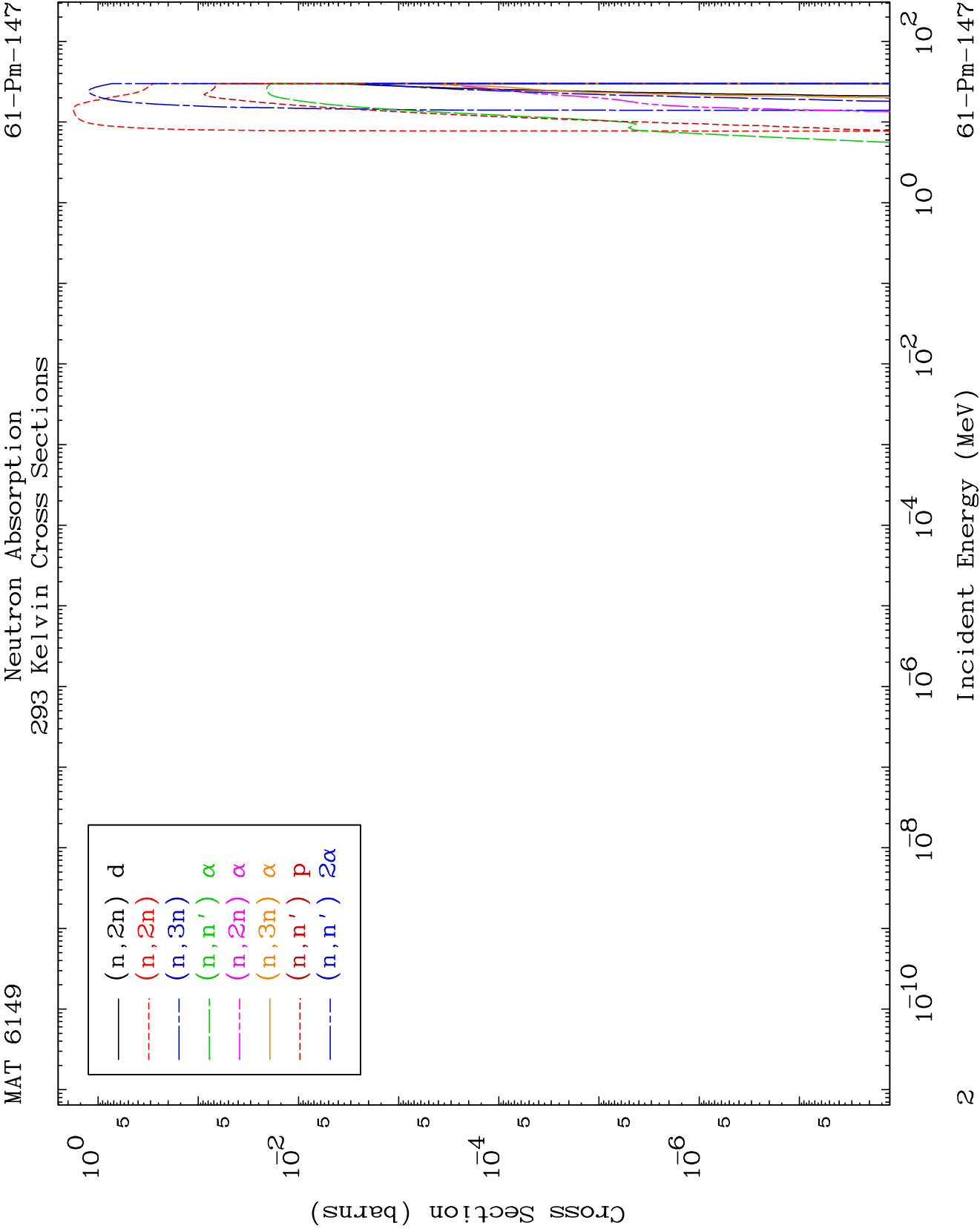
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

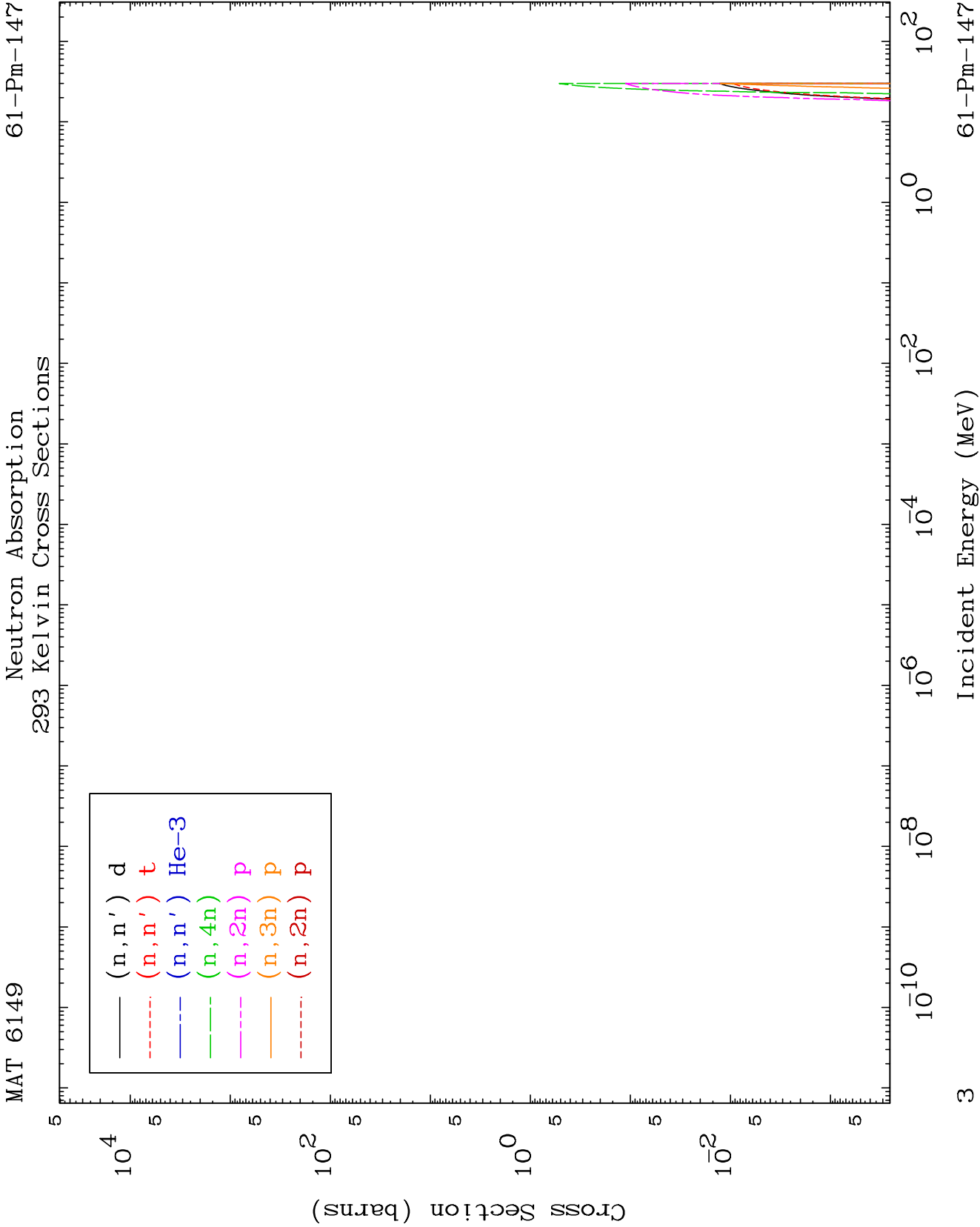
Tele: 925-443-1911

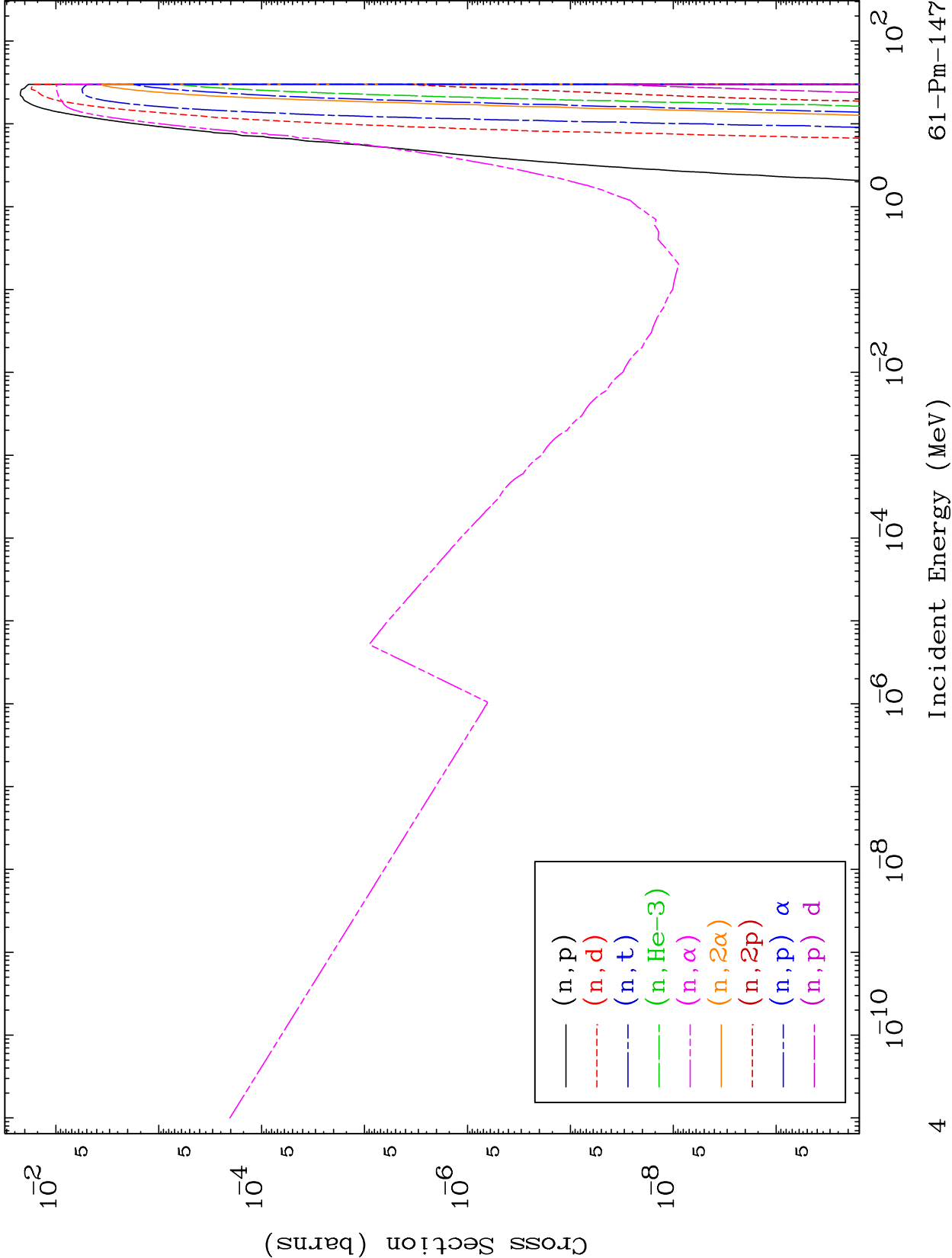
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

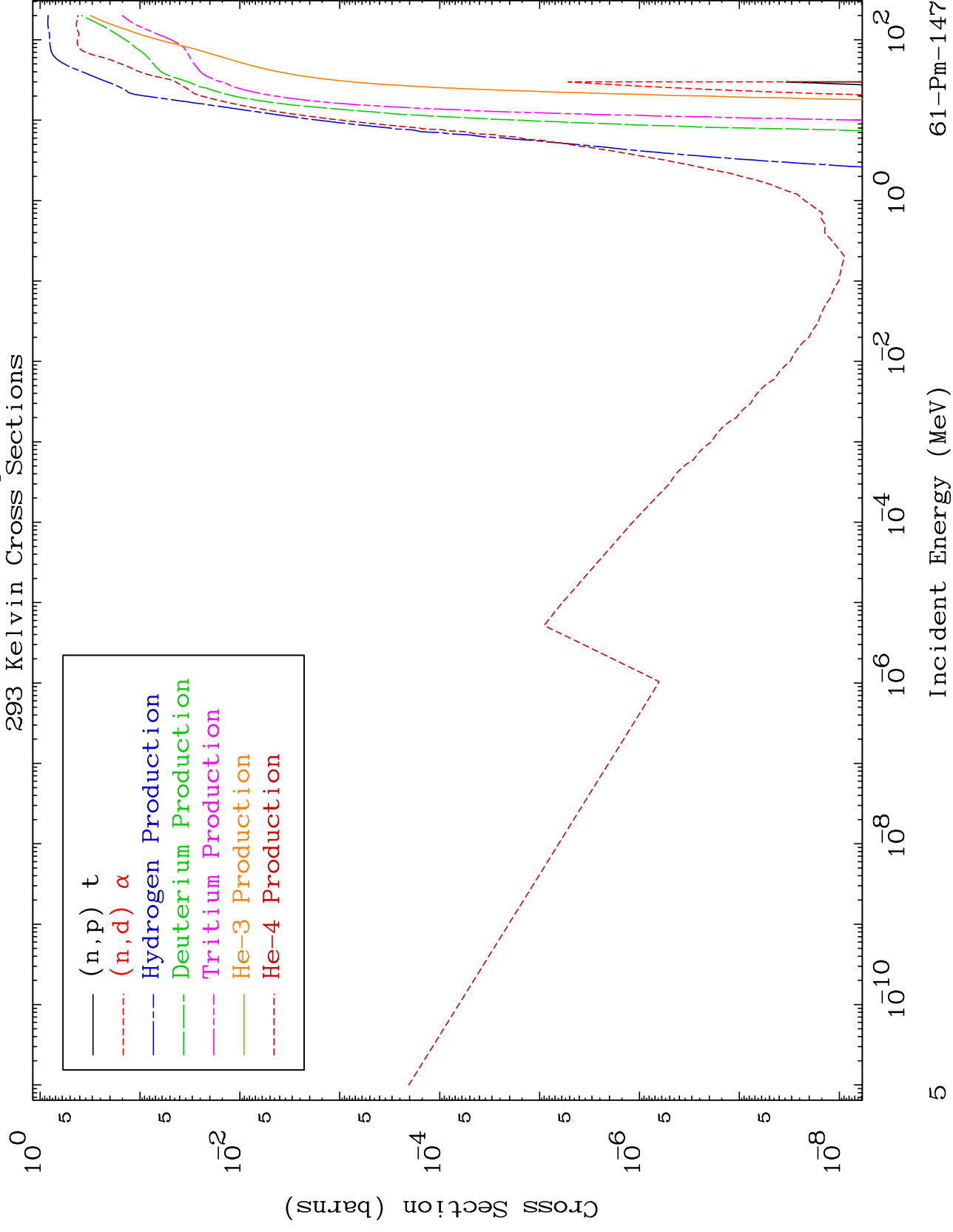
Press Mouse Button to Start

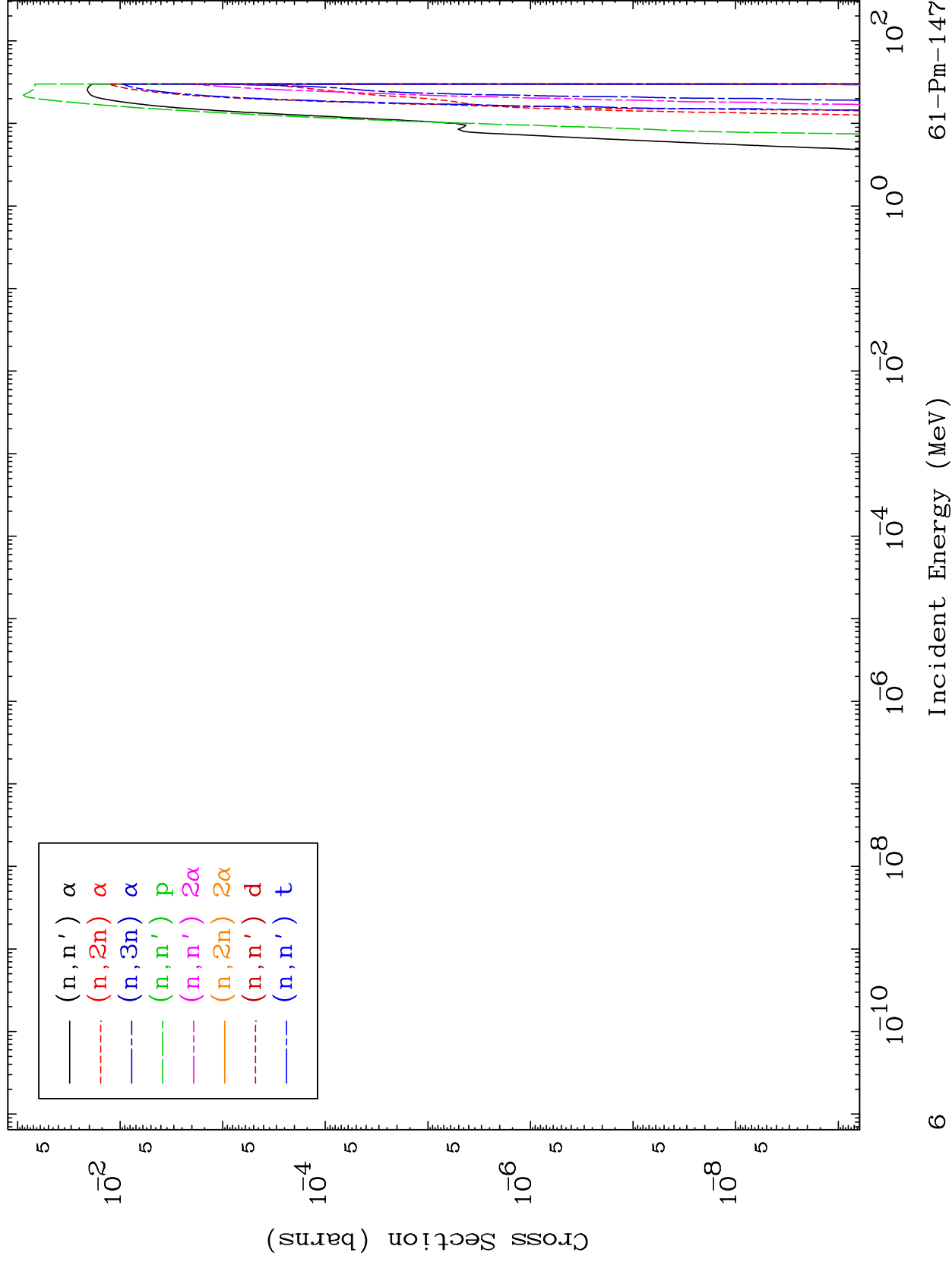


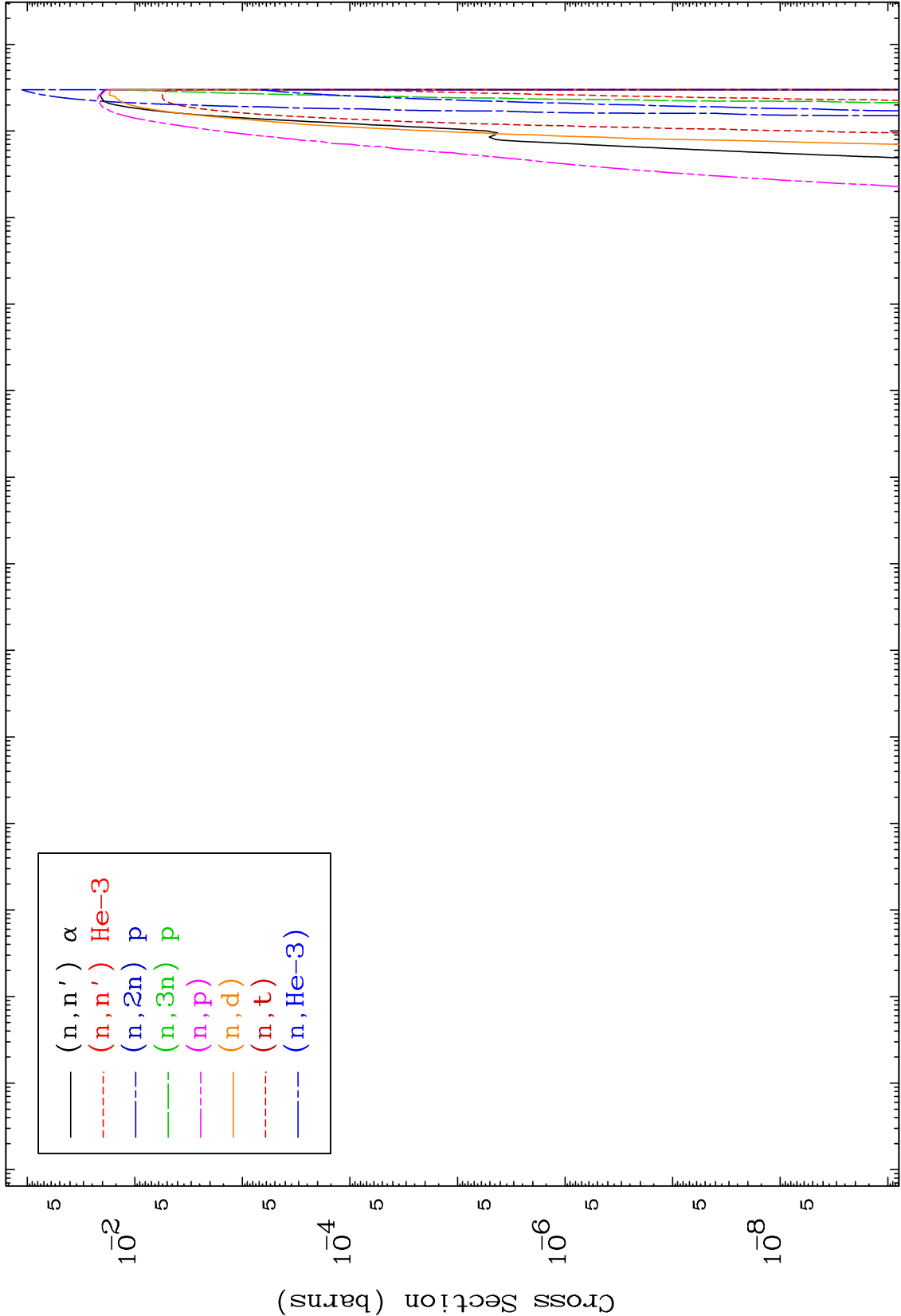


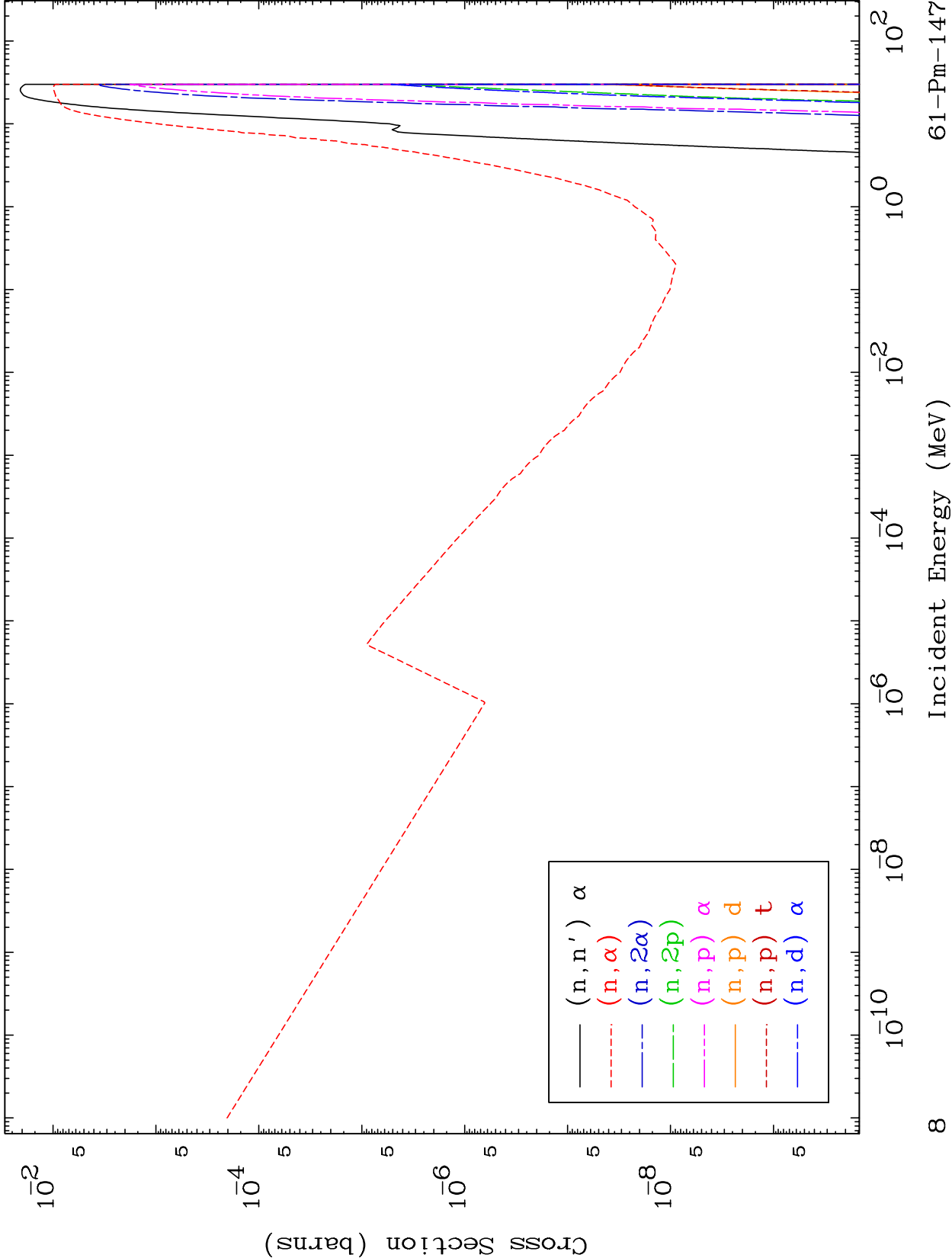


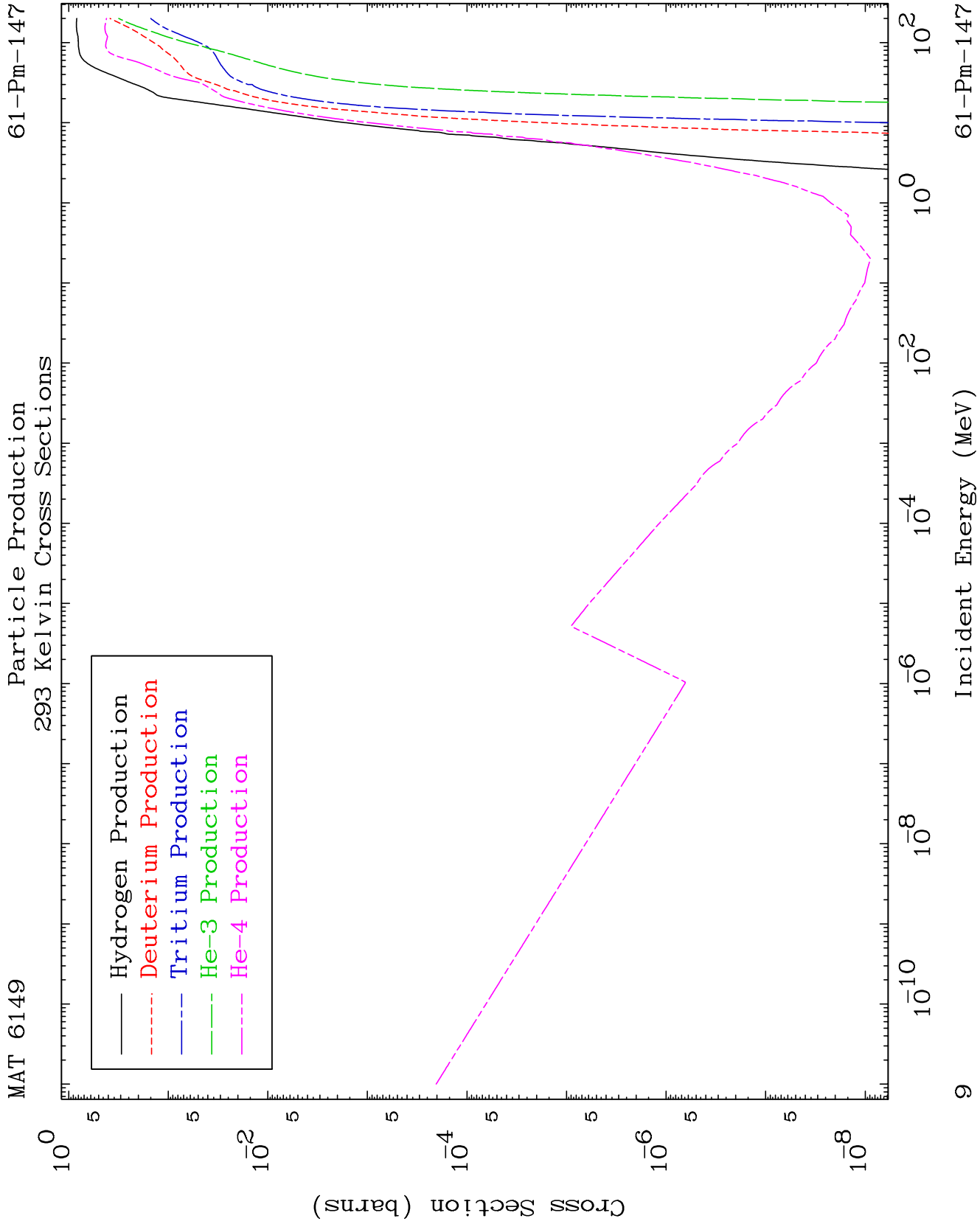


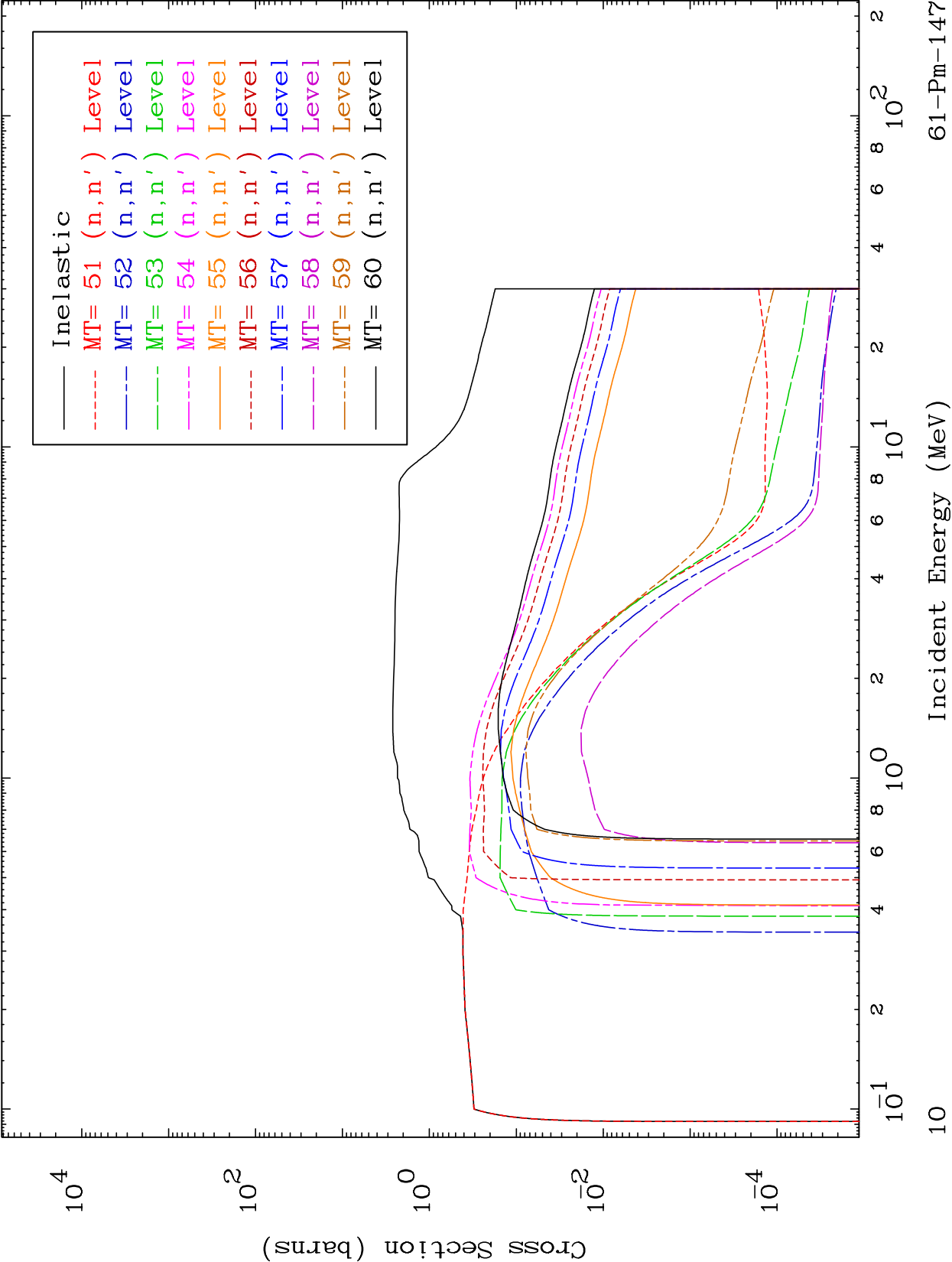


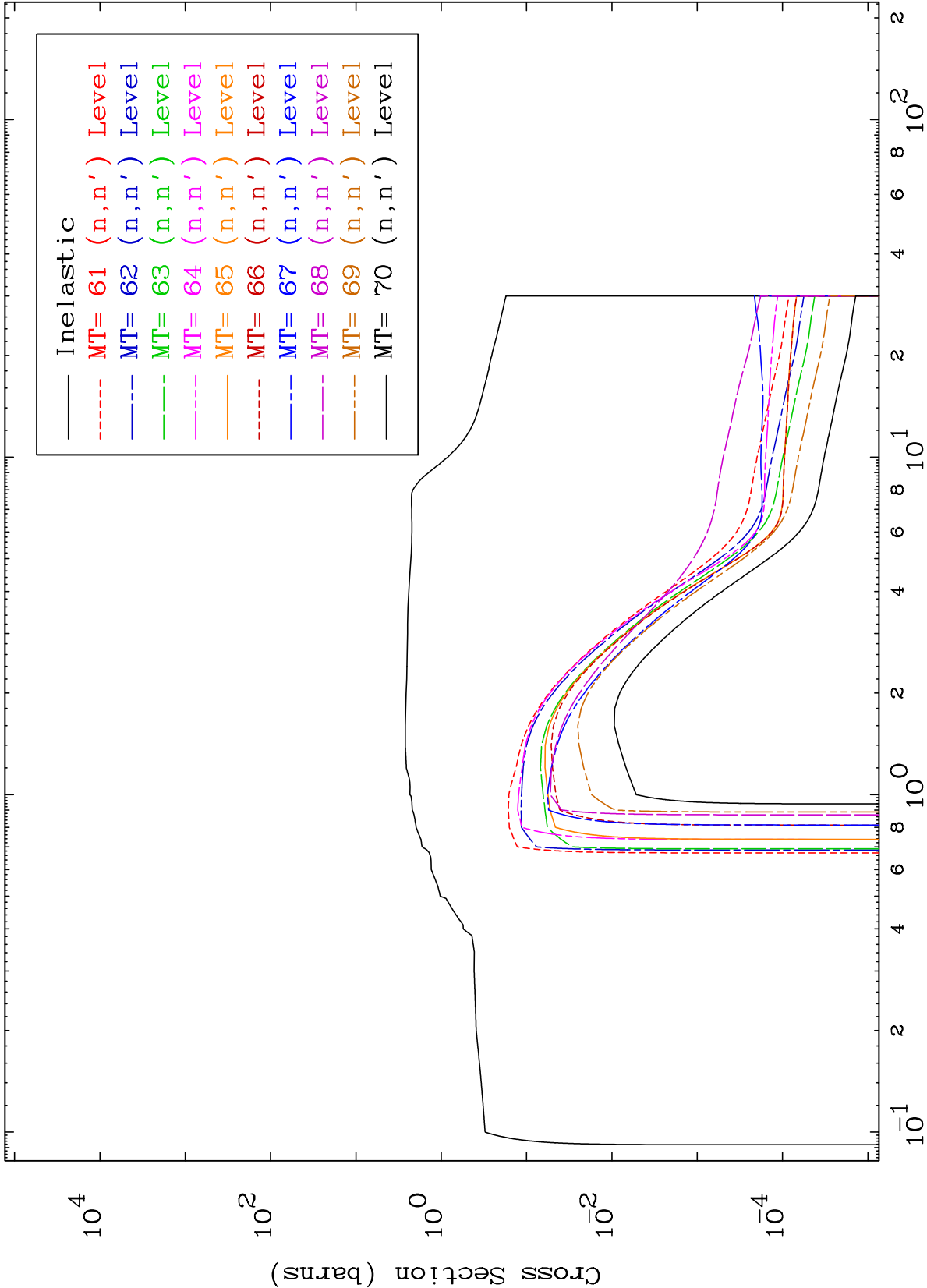


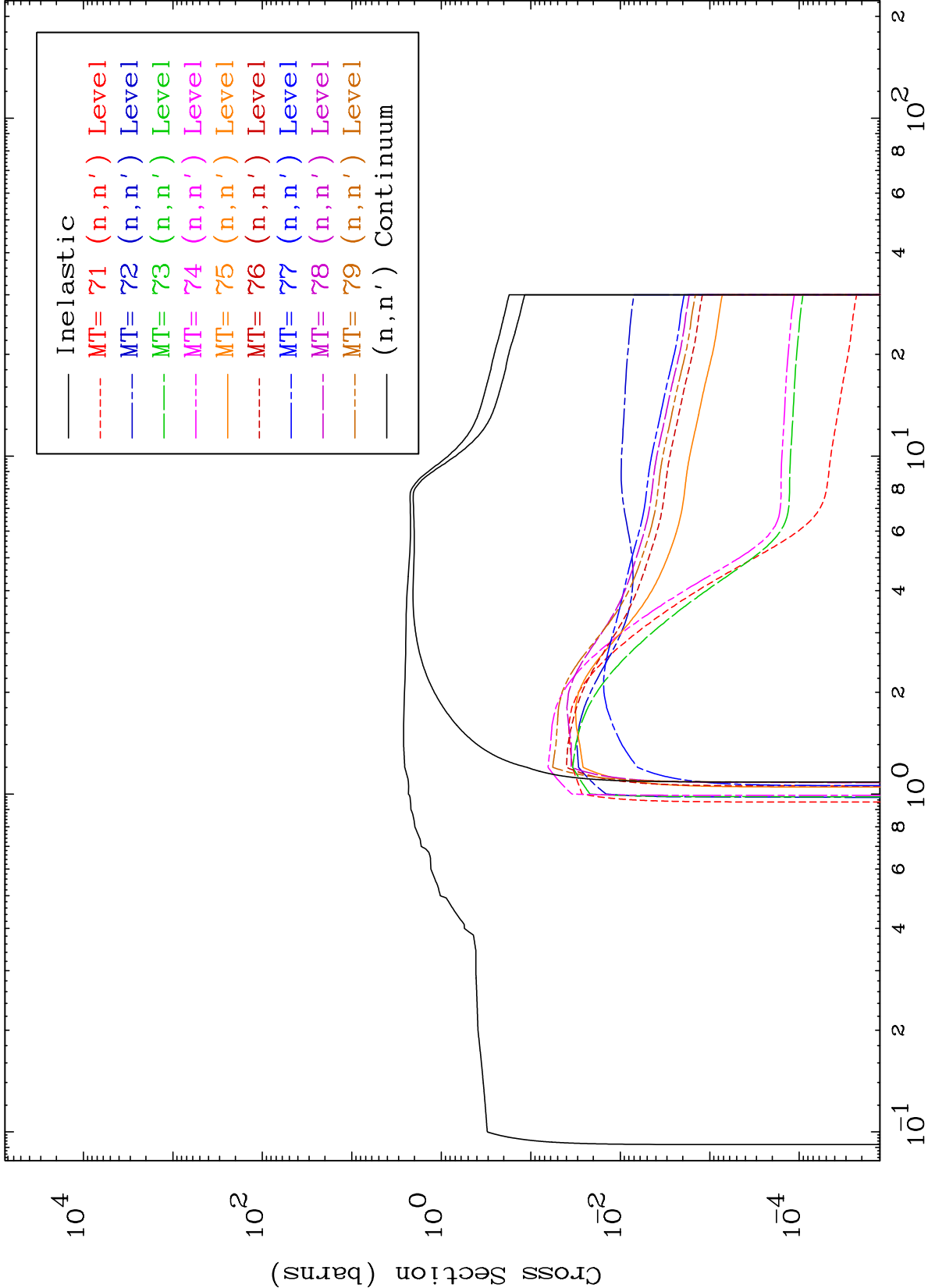


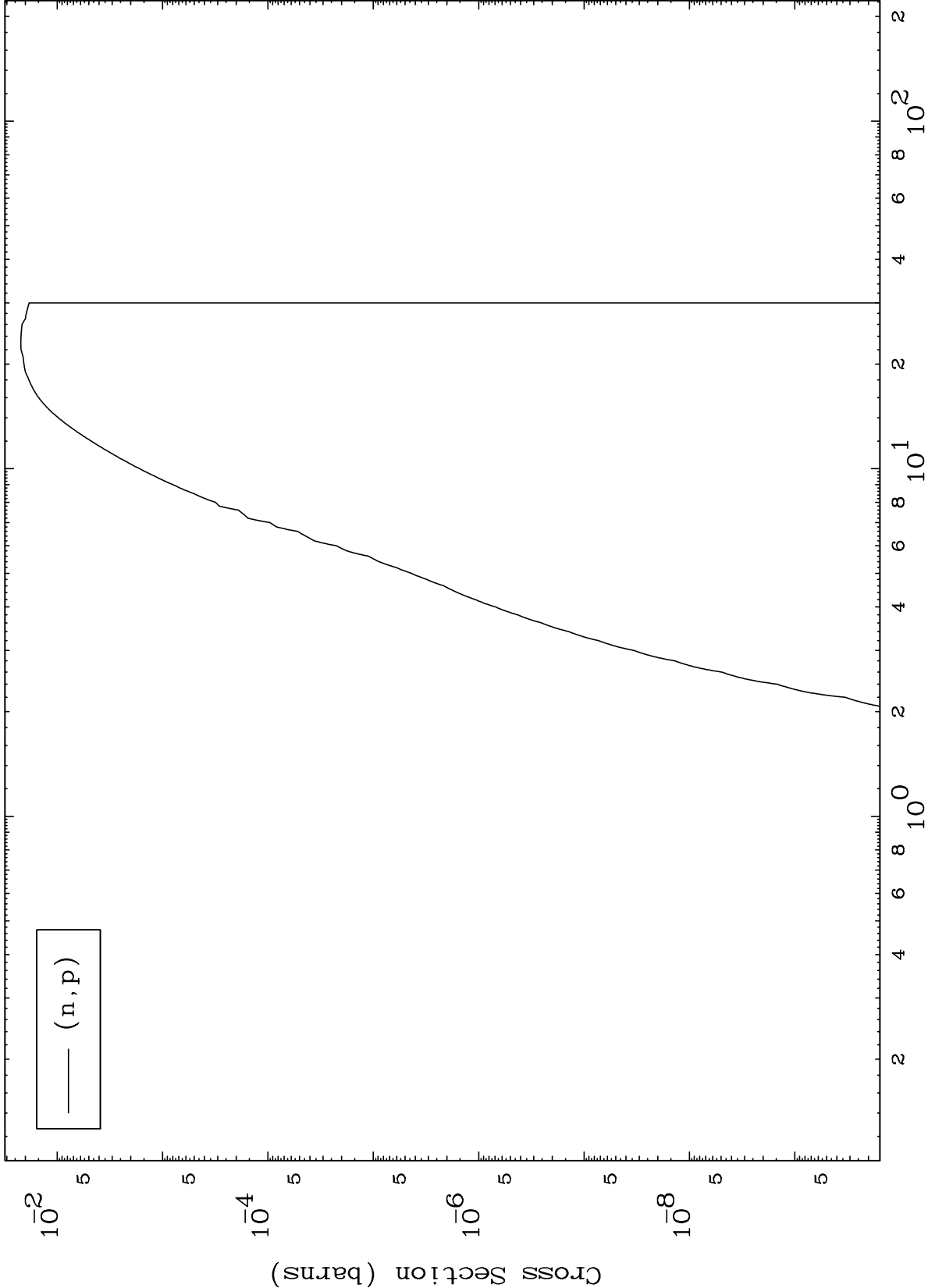








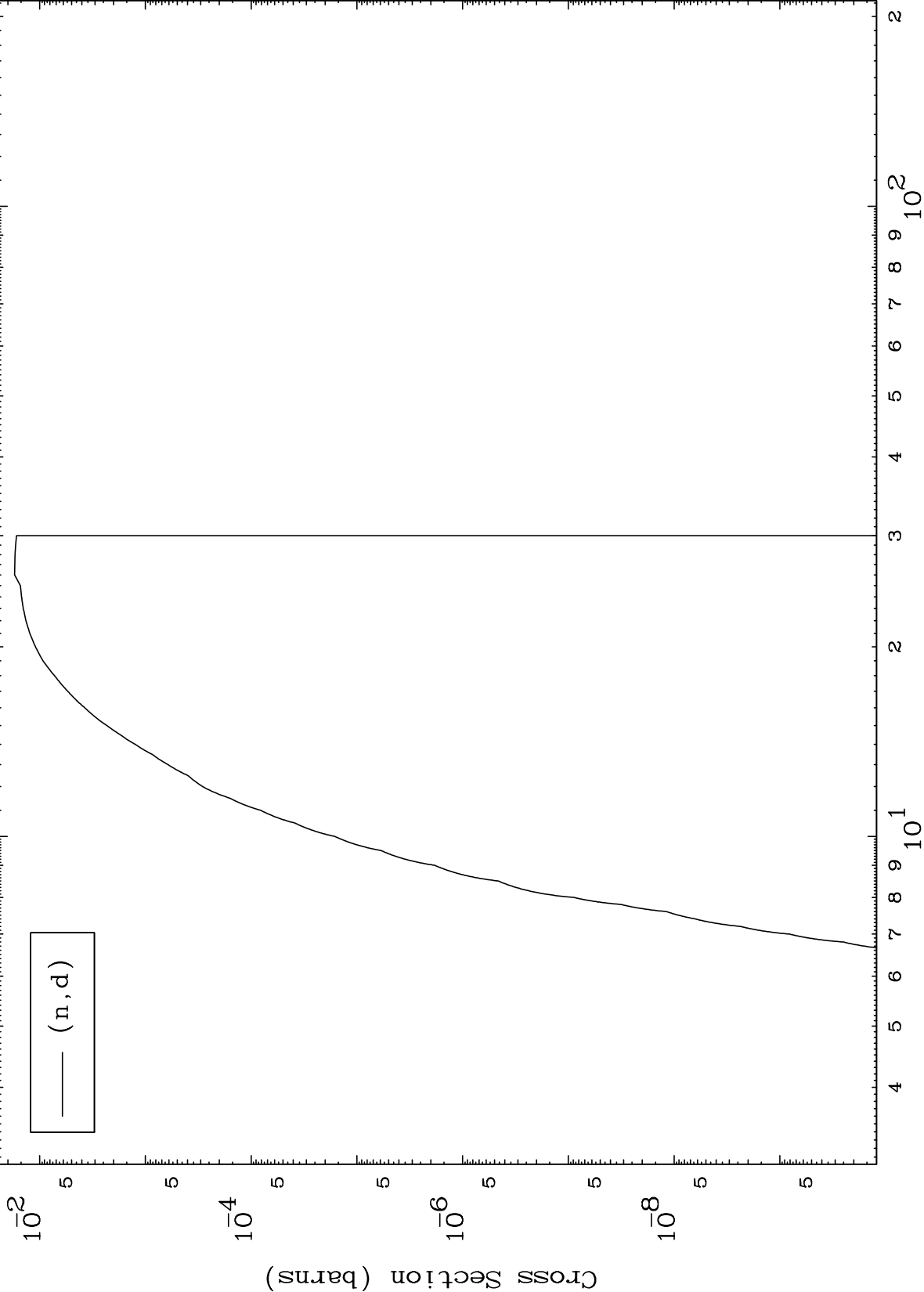




MAT 6149

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-147



14

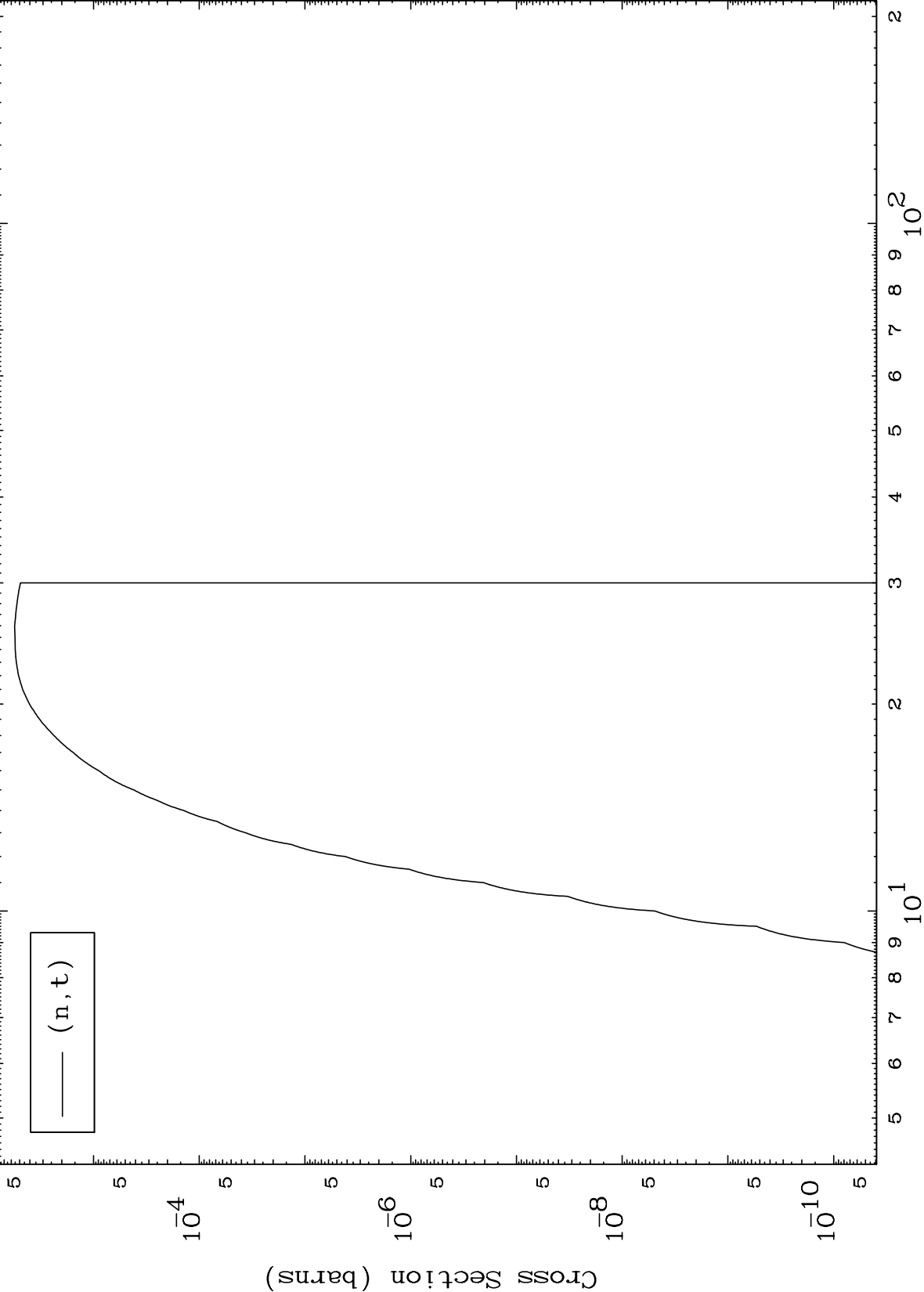
Incident Energy (MeV)

61-Pm-147

MAT 6149

61-Pm-147

(n,t) Levels
293 Kelvin Cross Sections



61-Pm-147

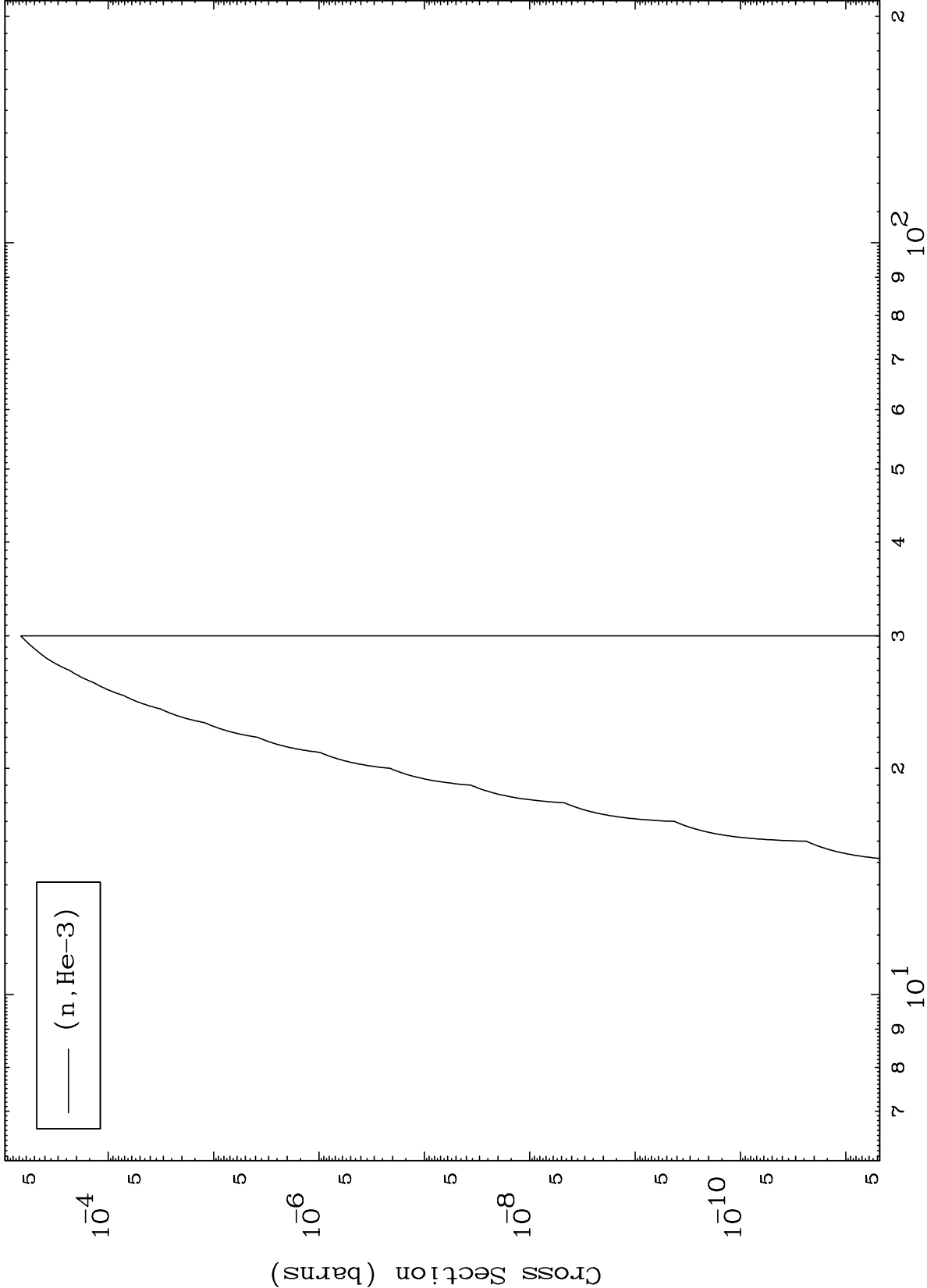
Incident Energy (MeV)

15

MAT 6149

(n,He3) Levels
293 Kelvin Cross Sections

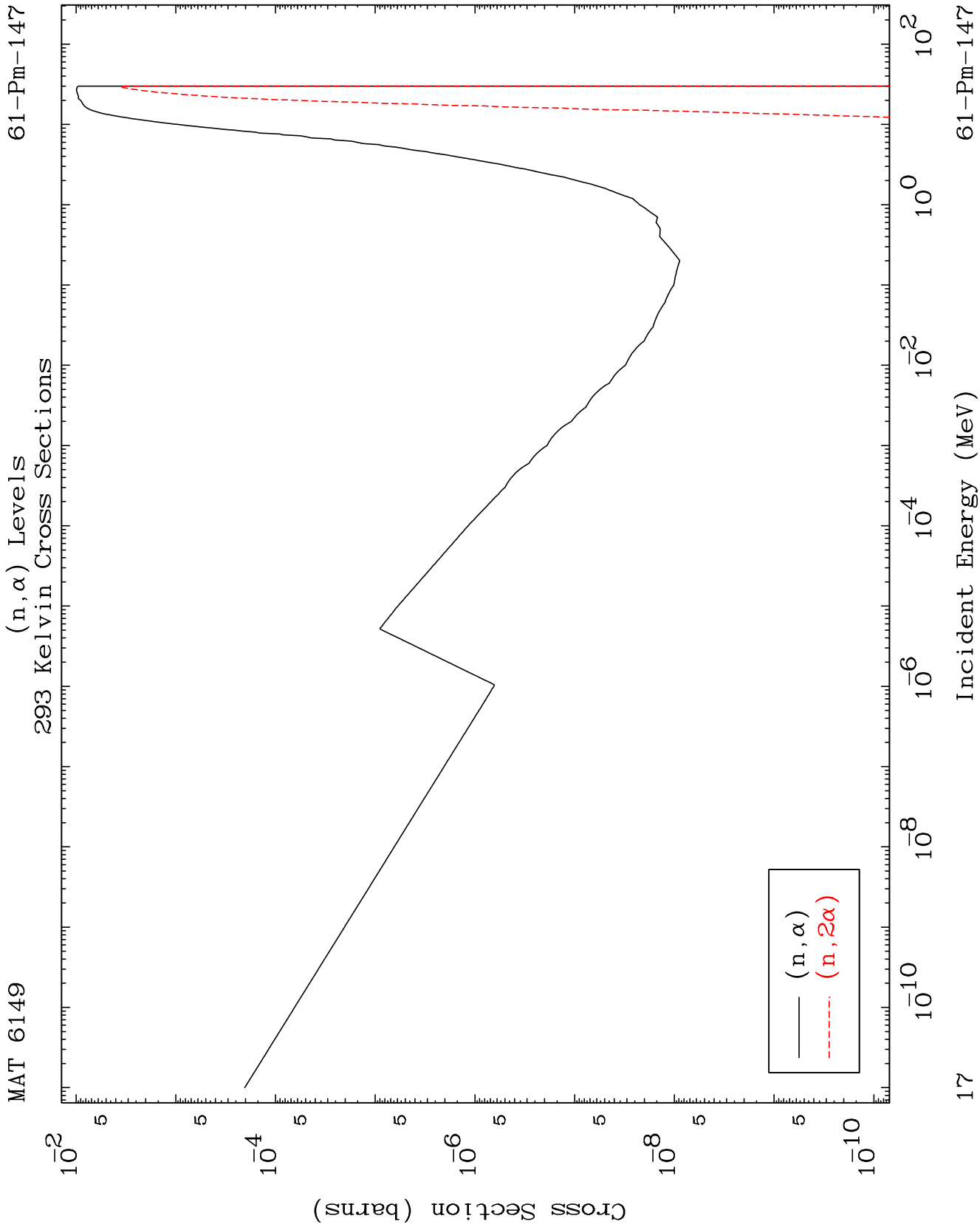
61-Pm-147

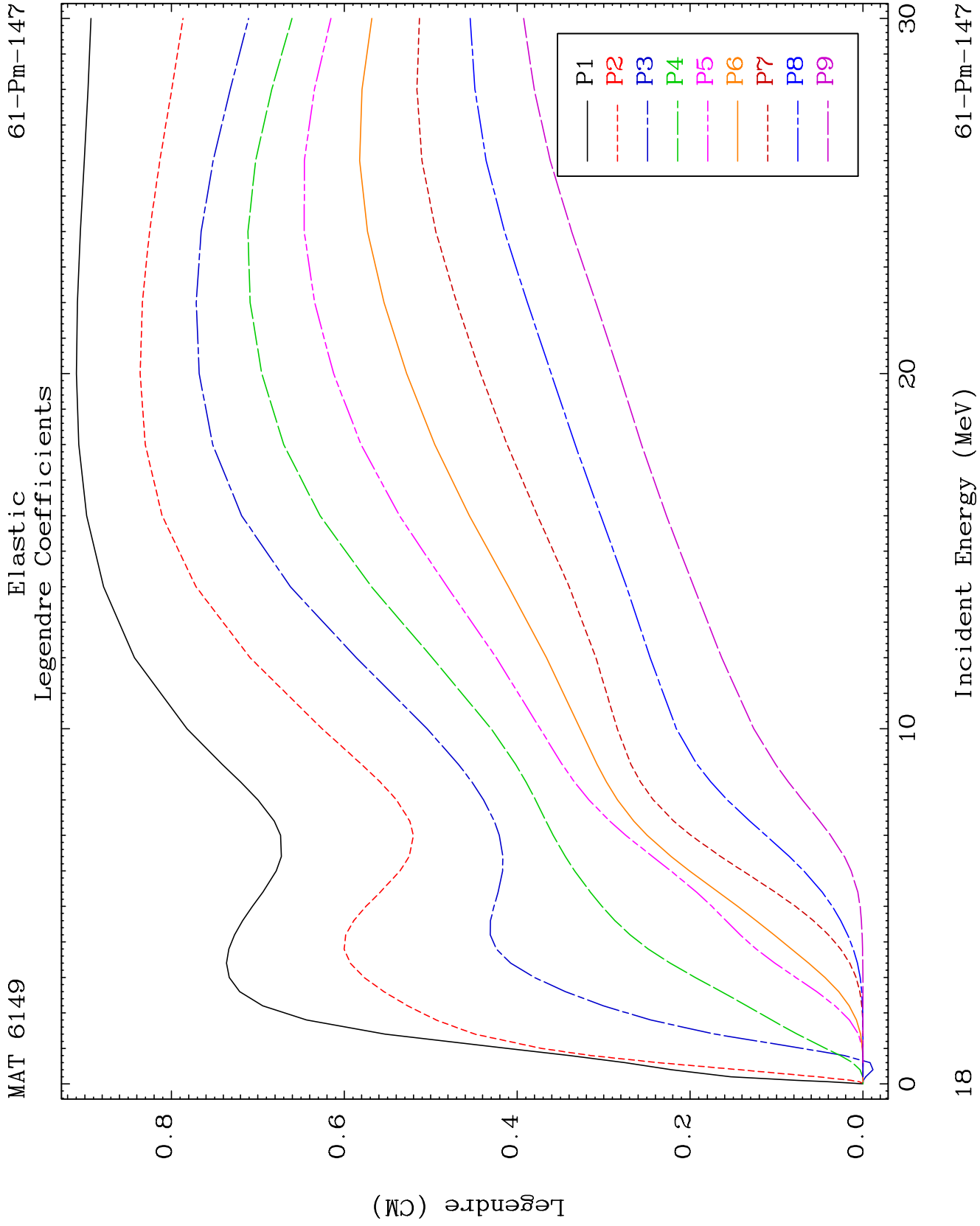


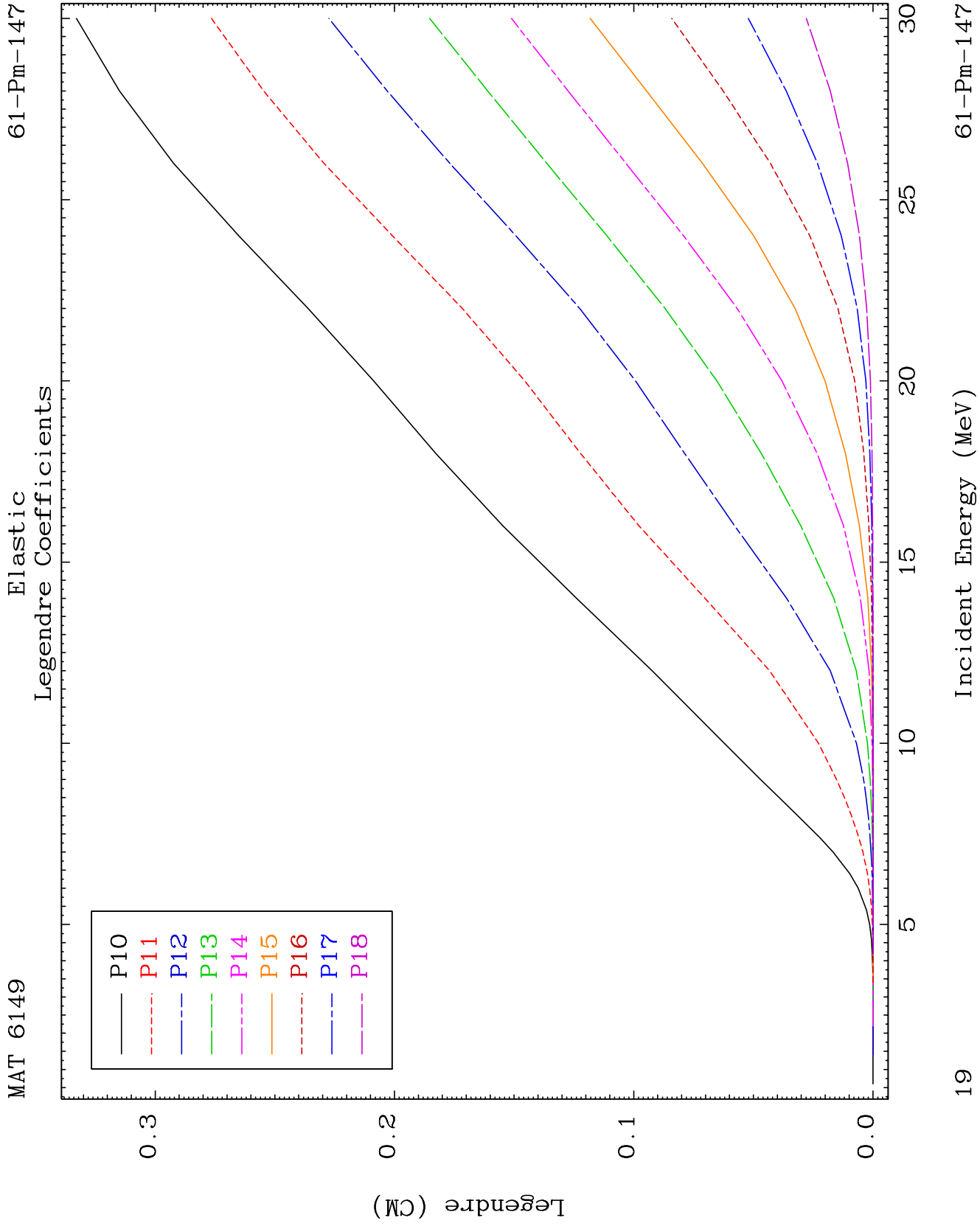
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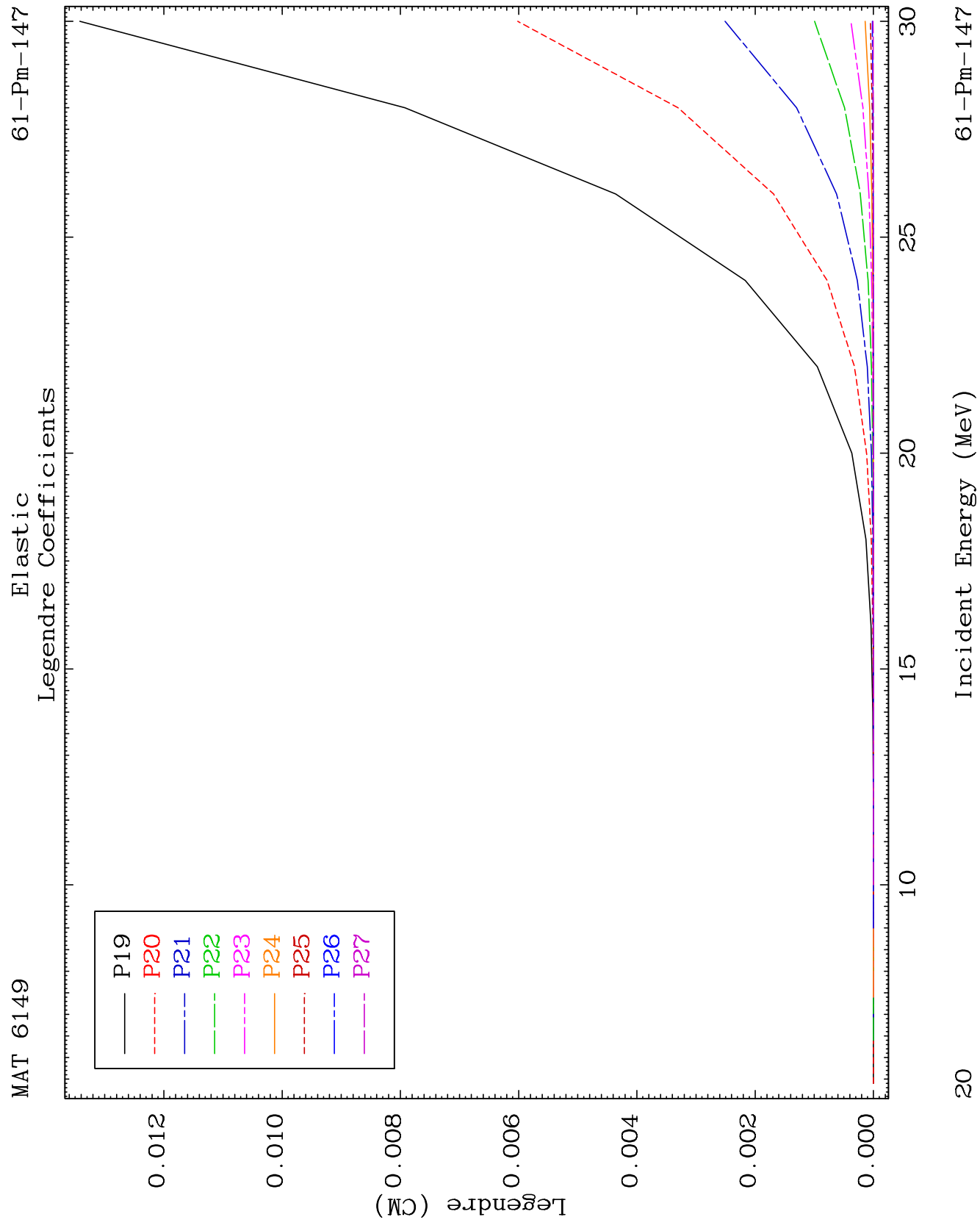
Incident Energy (MeV)

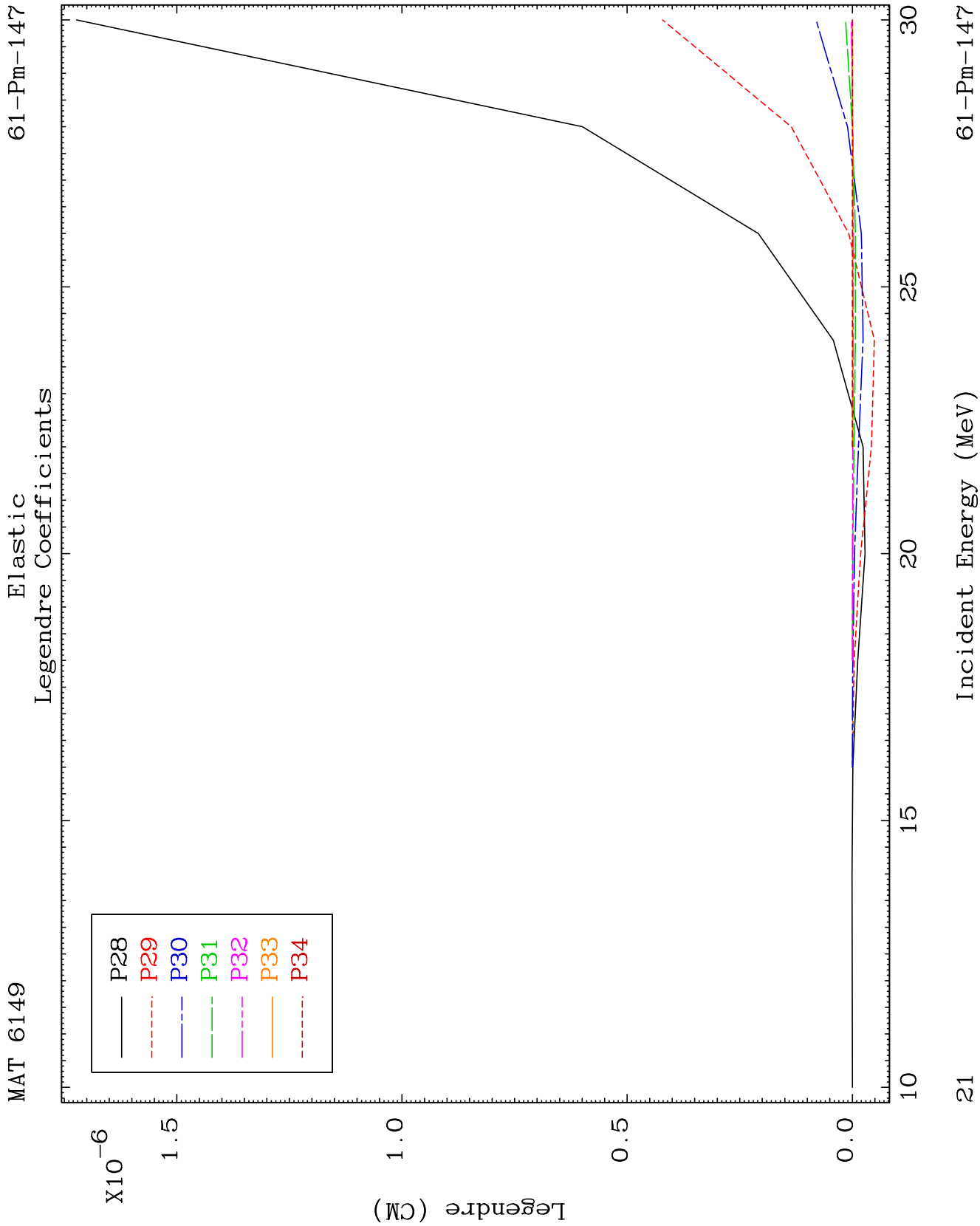
61-Pm-147







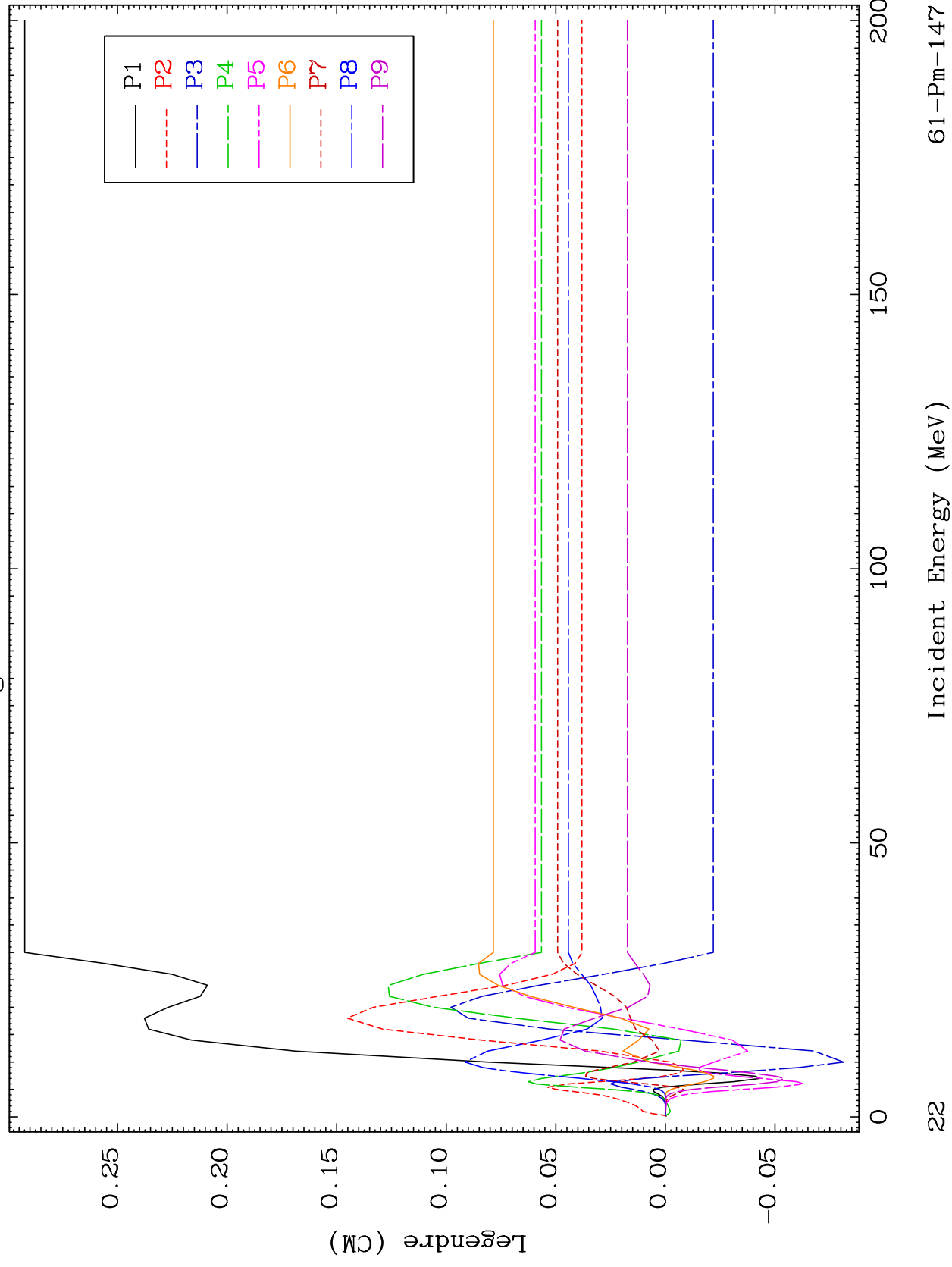


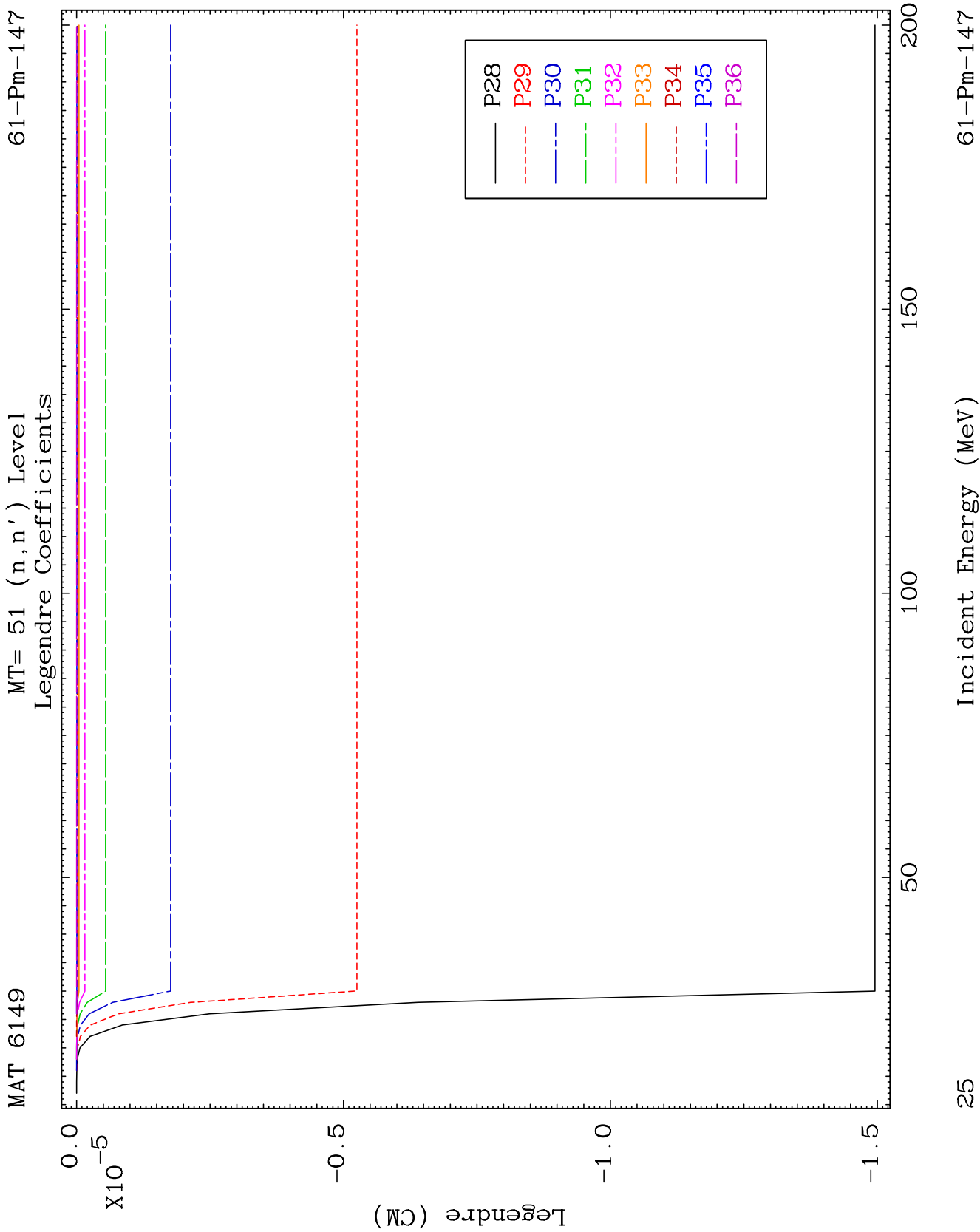


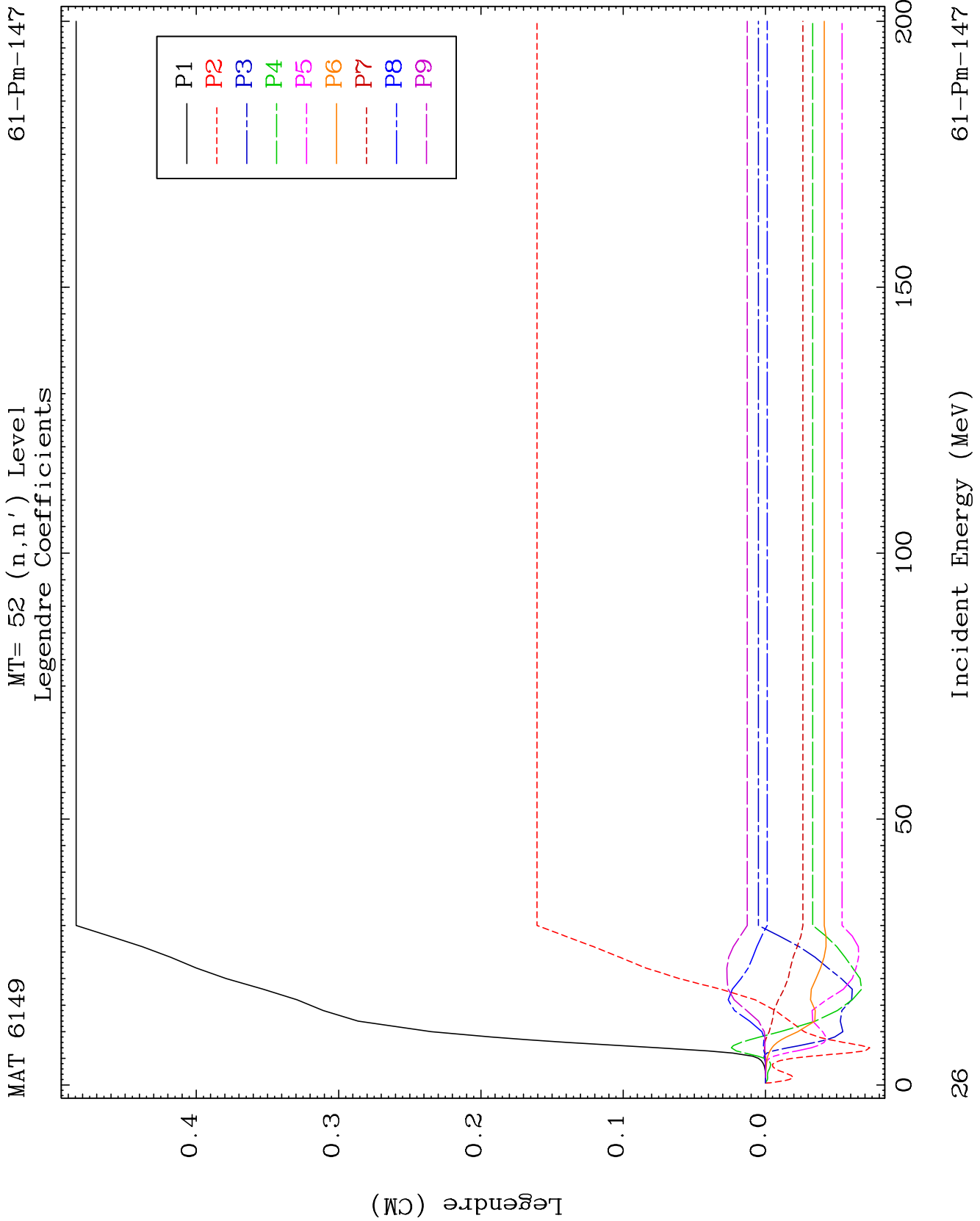
MAT 6149

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

61-Pm-147



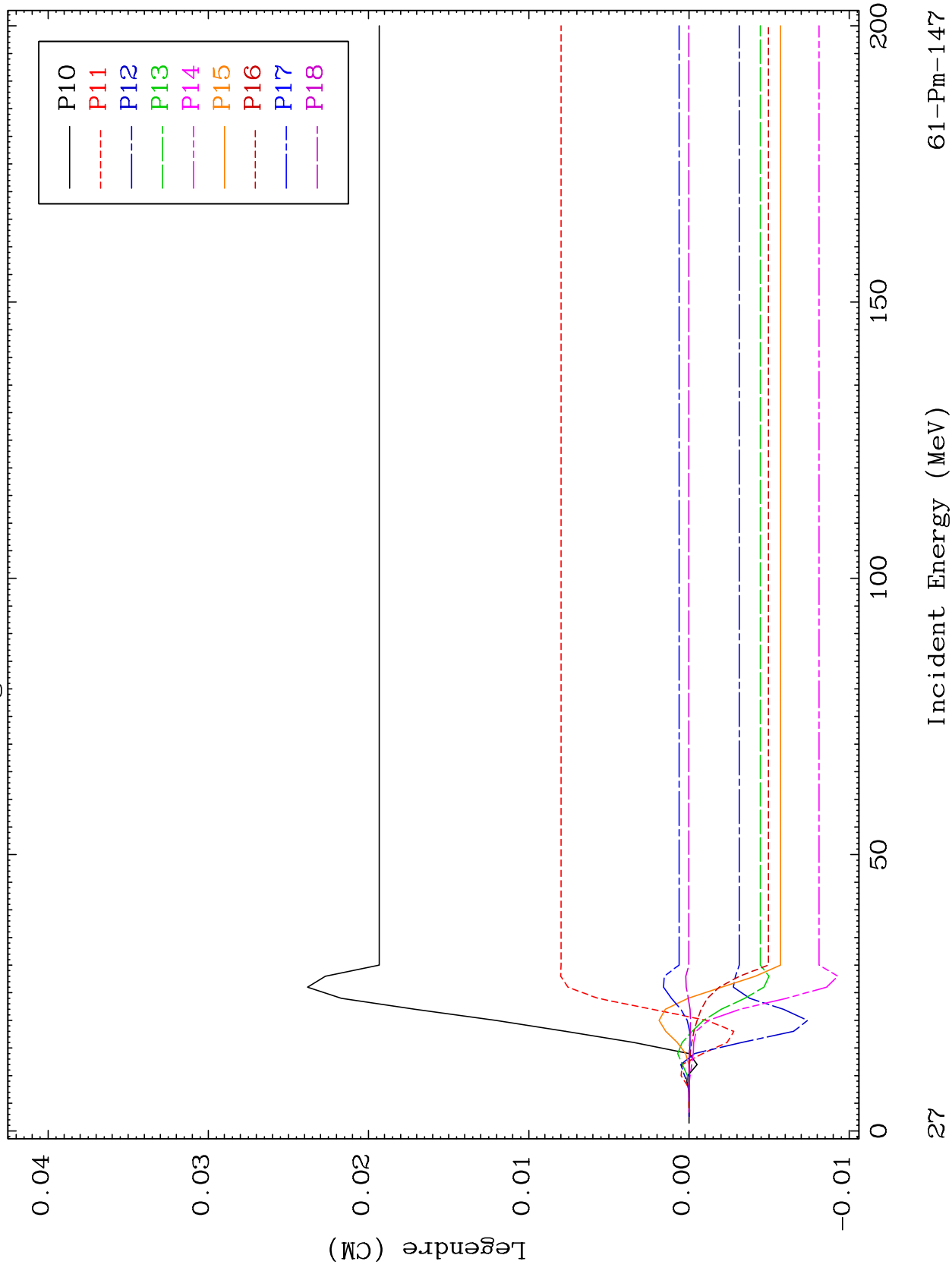


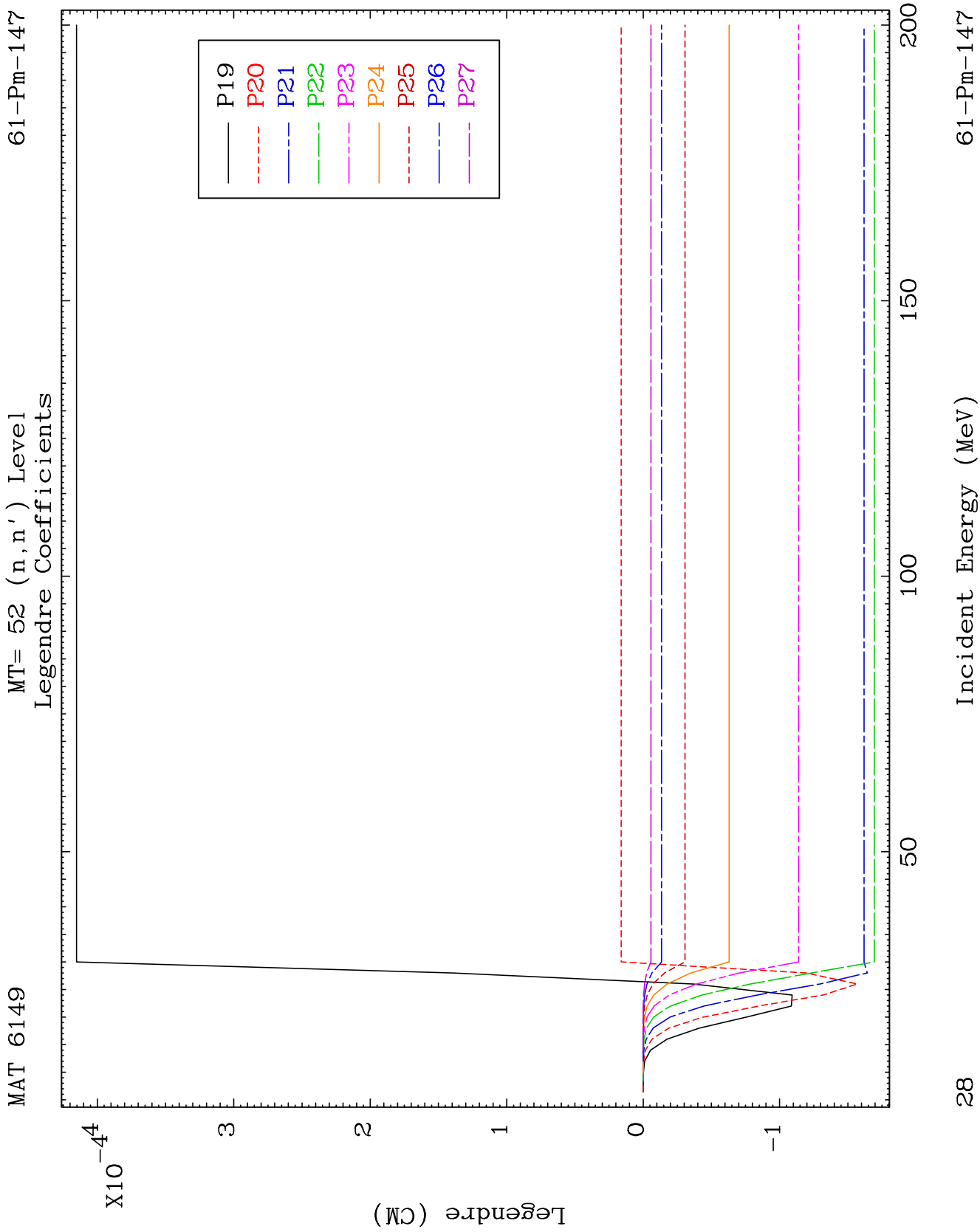


MAT 6149

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

61-Pm-147

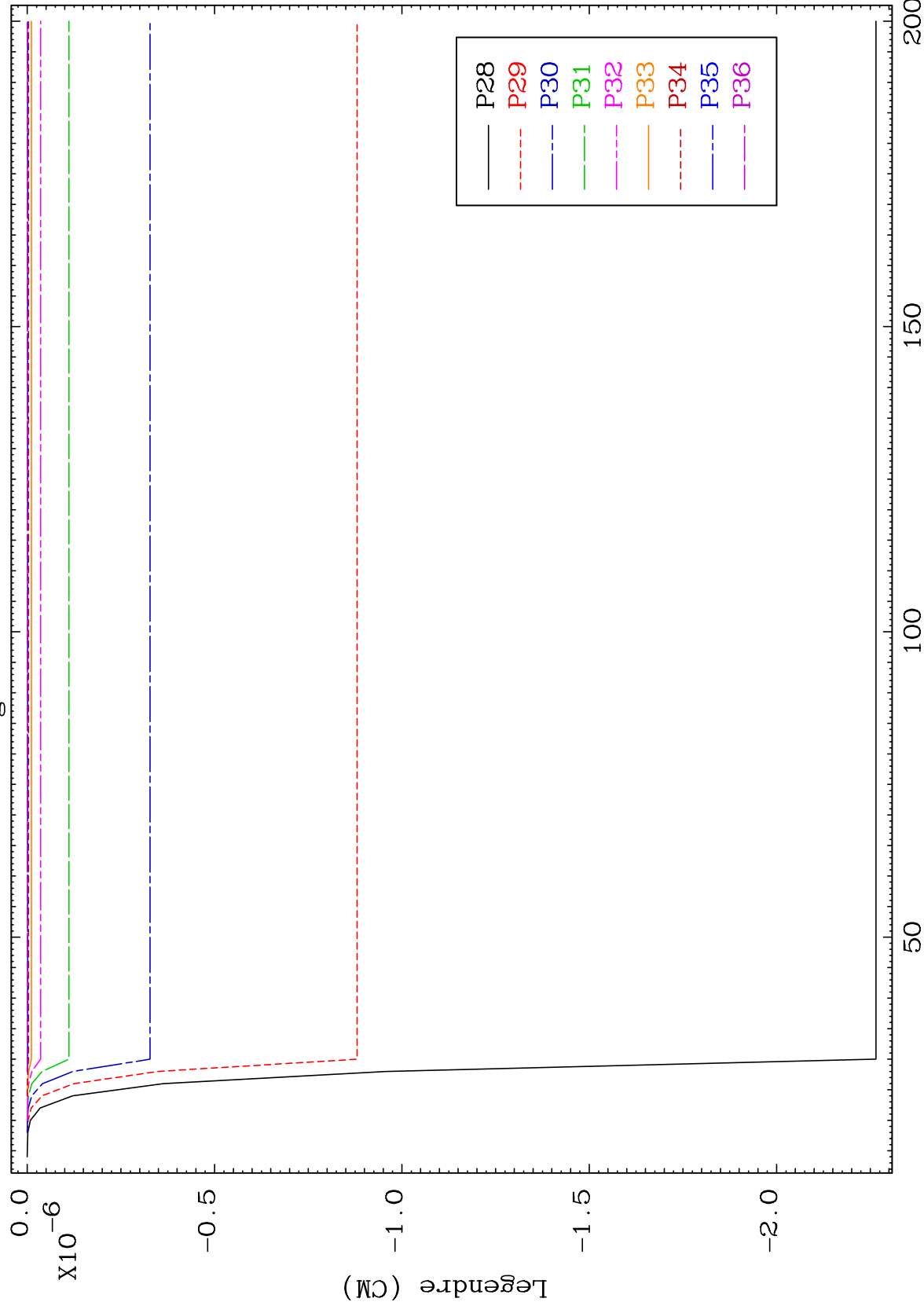




MAT 6149

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

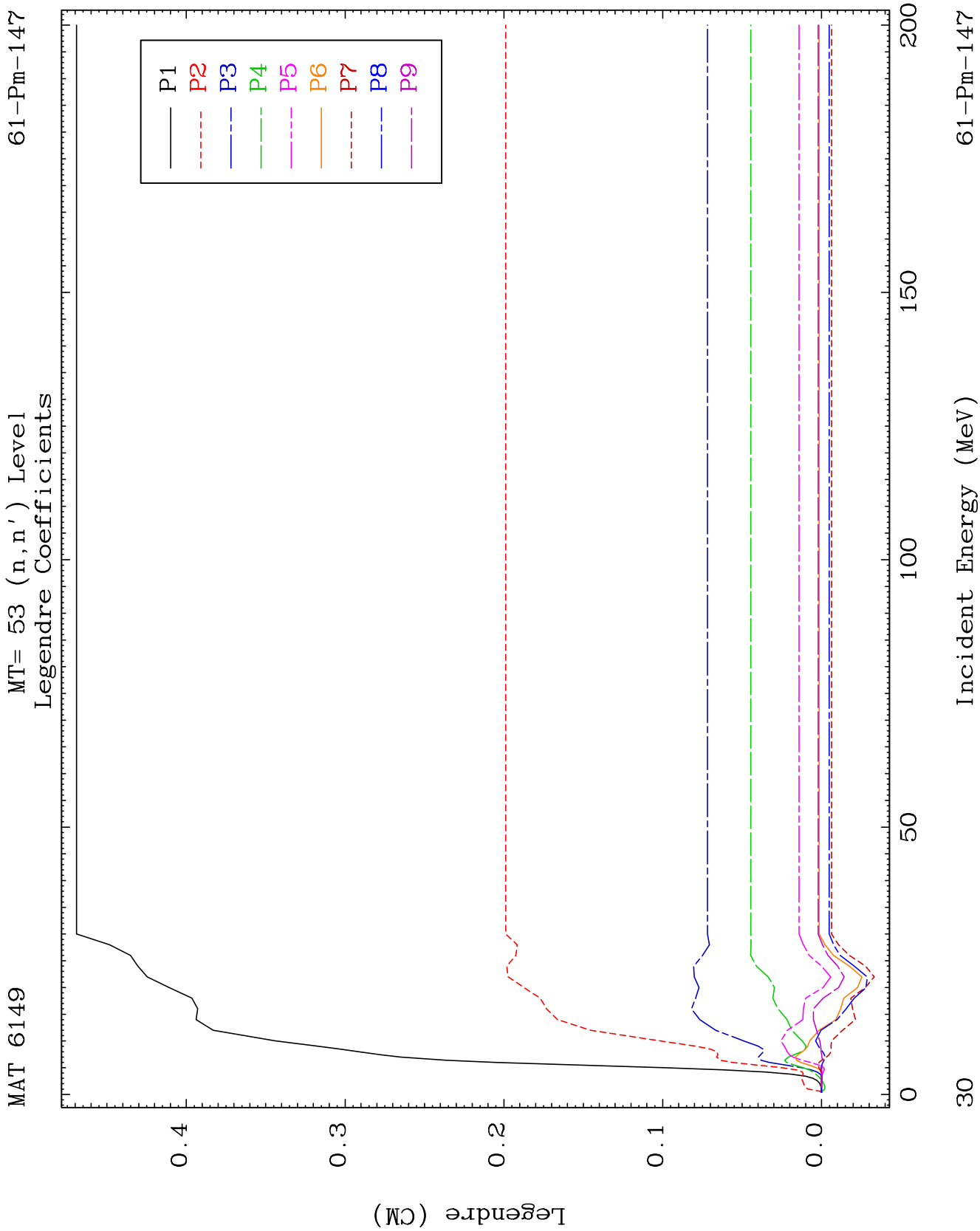
61-Pm-147



22

Incident Energy (MeV)

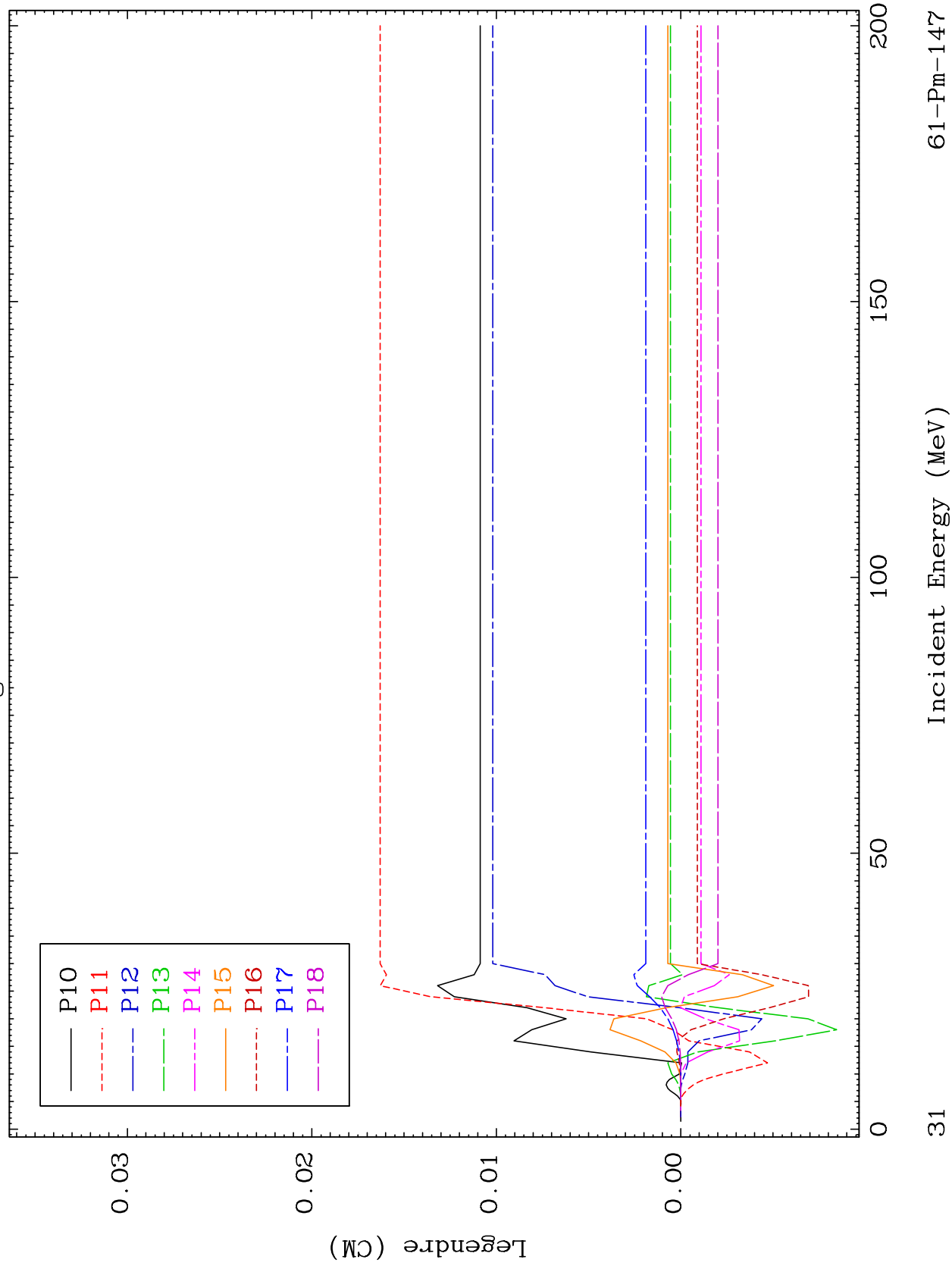
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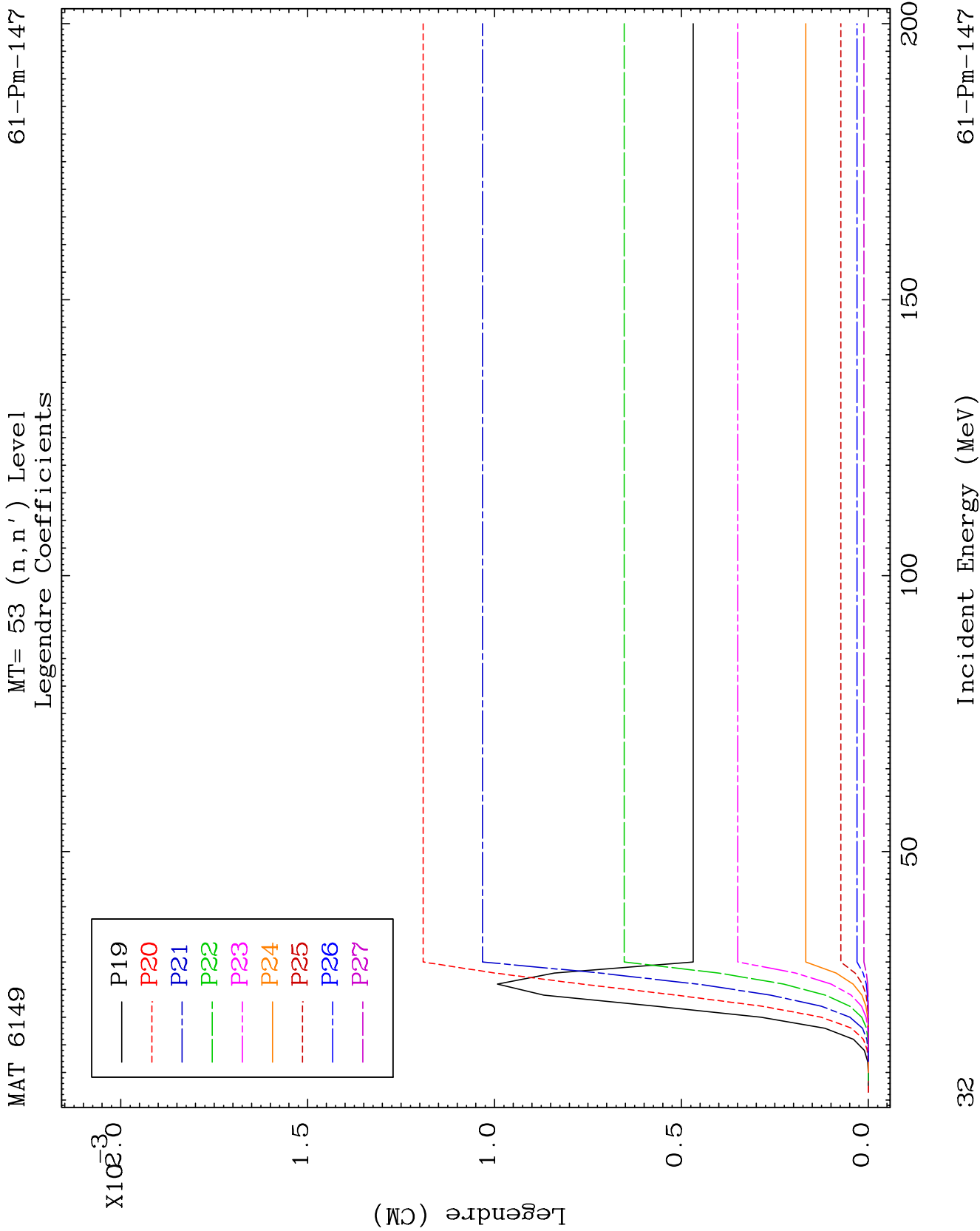


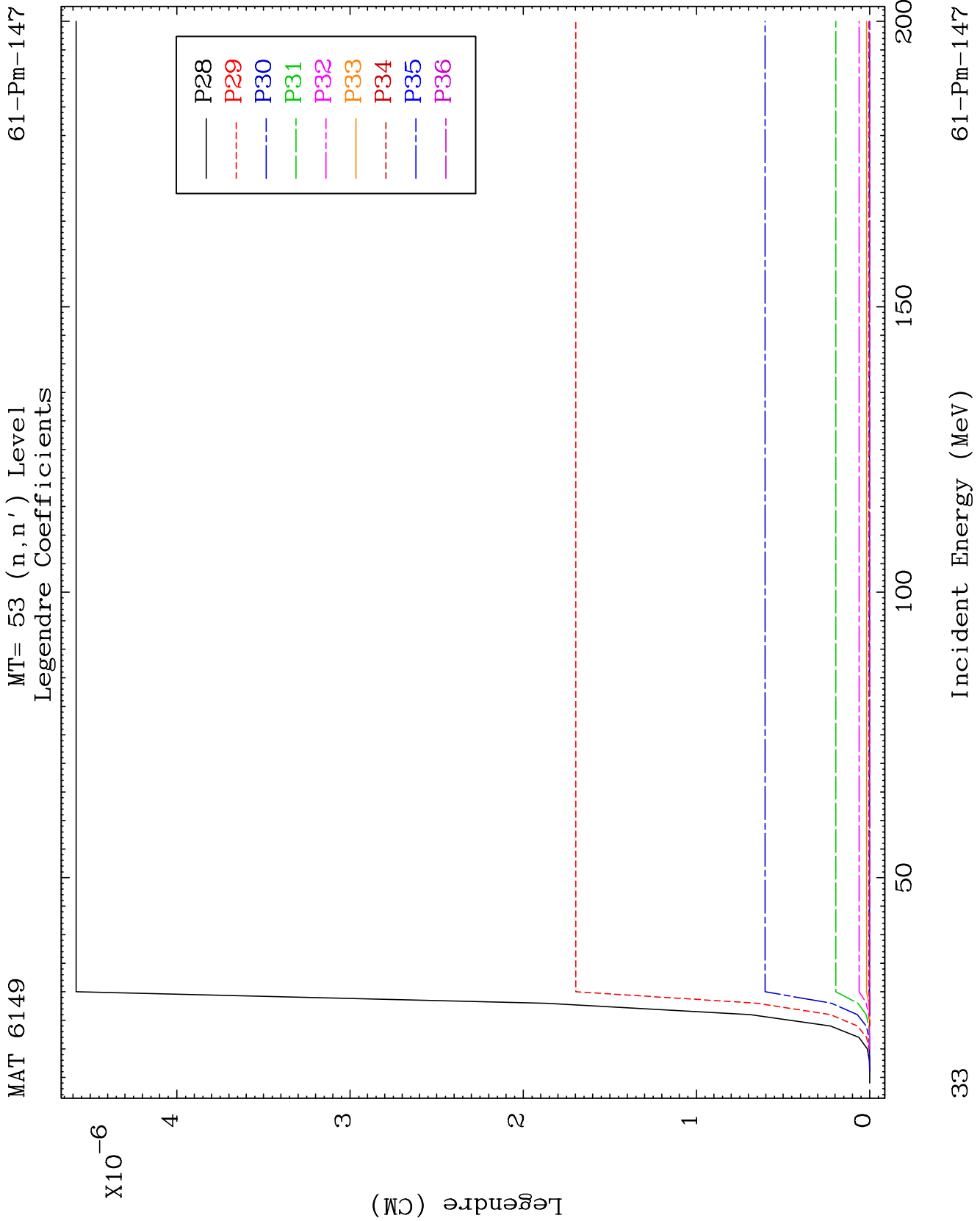
MAT 6149

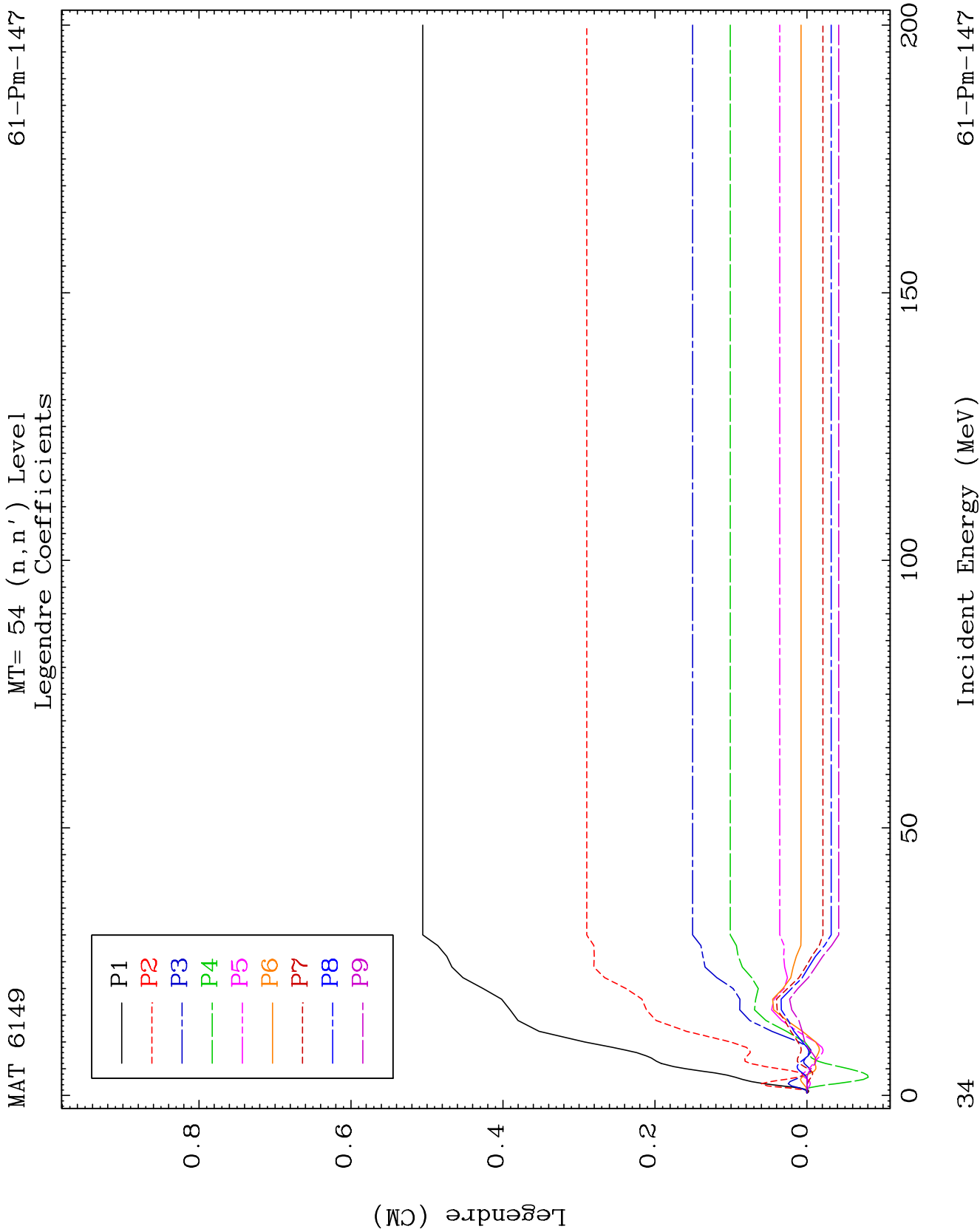
MT= 53 (n, n') Level
Legendre Coefficients

61-Pm-147





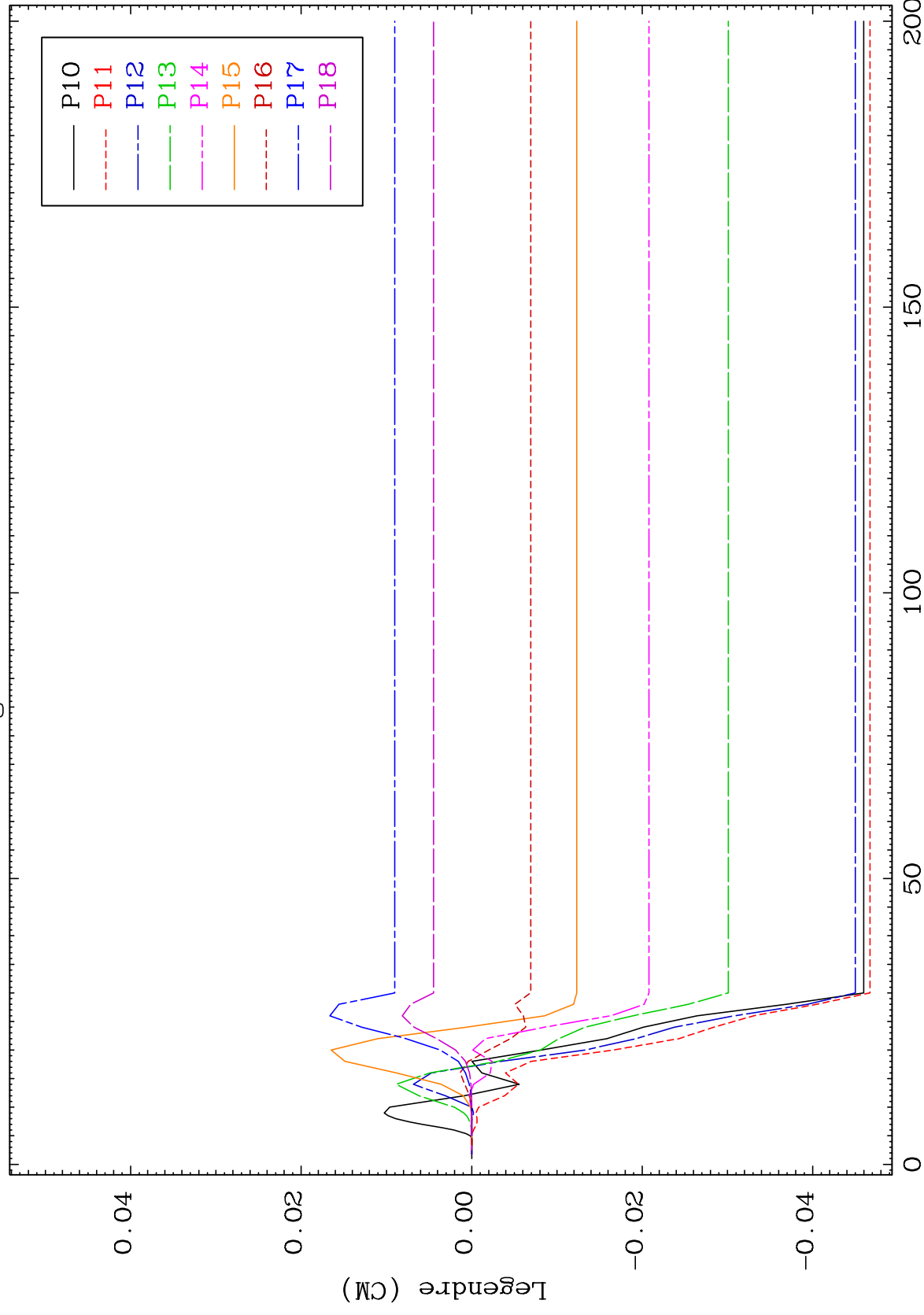




MAT 6149

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

61-Pm-147

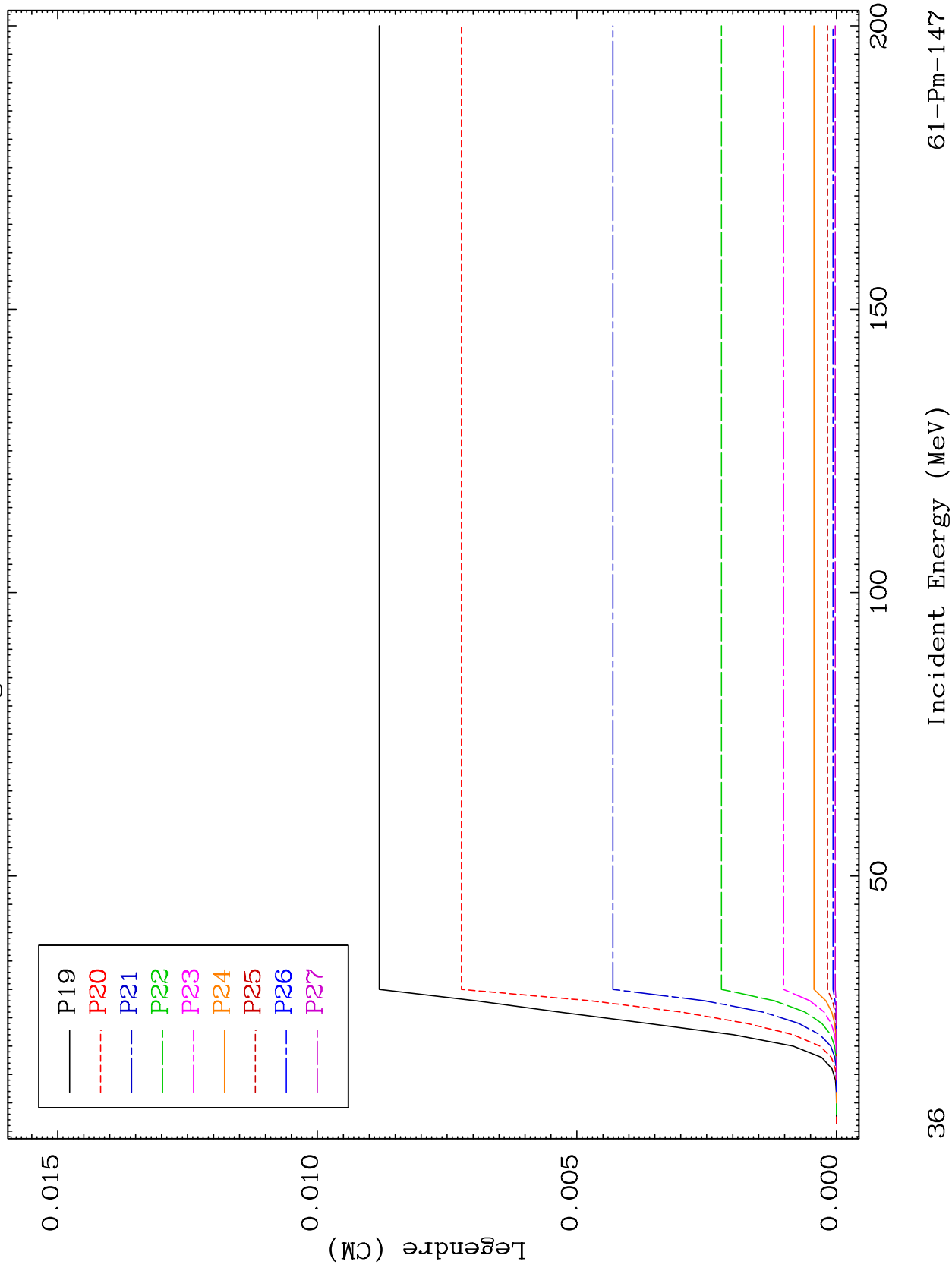


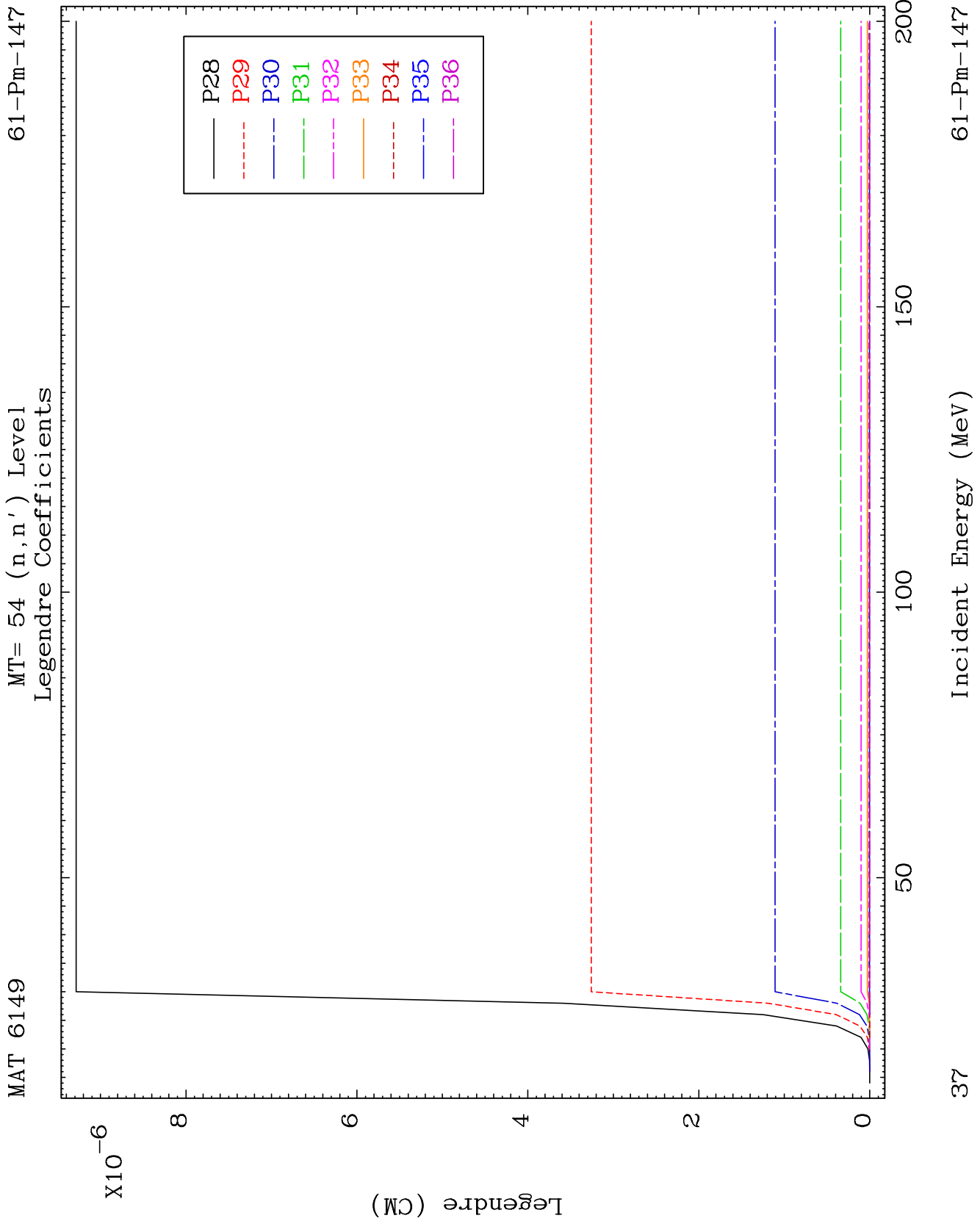
35	Incident Energy (MeV)	61-Pm-147
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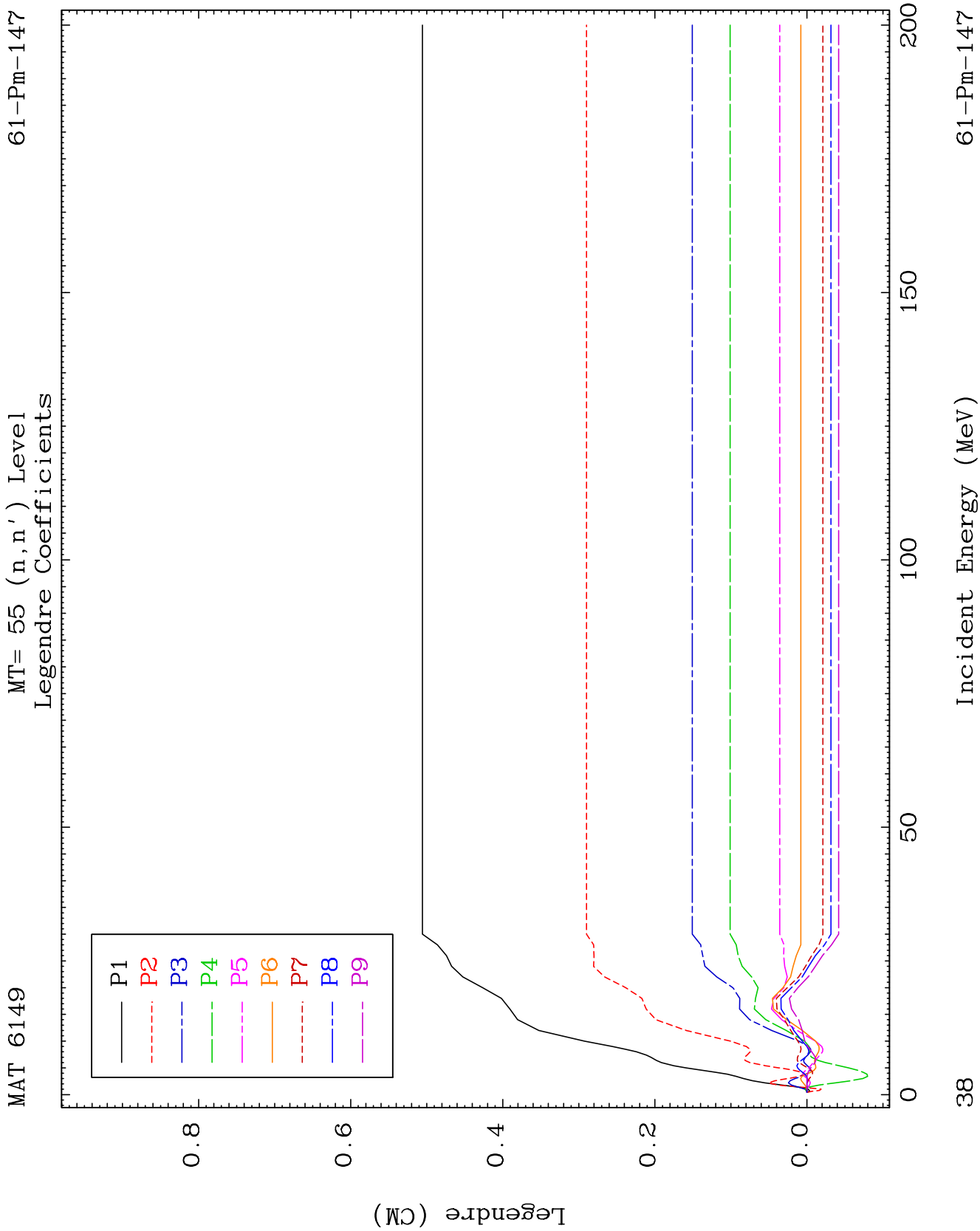
MAT 6149

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

61-Pm-147



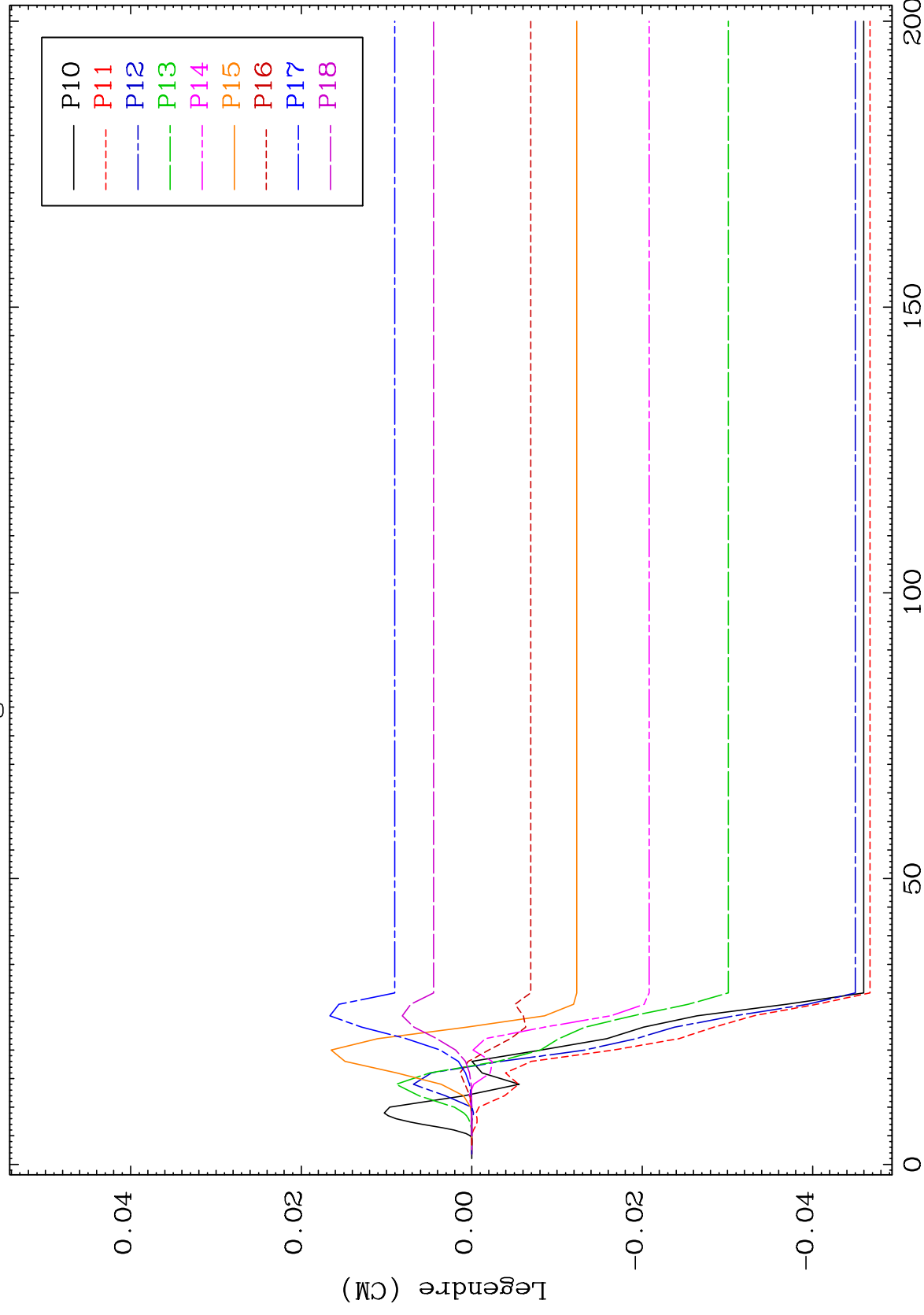




MAT 6149

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

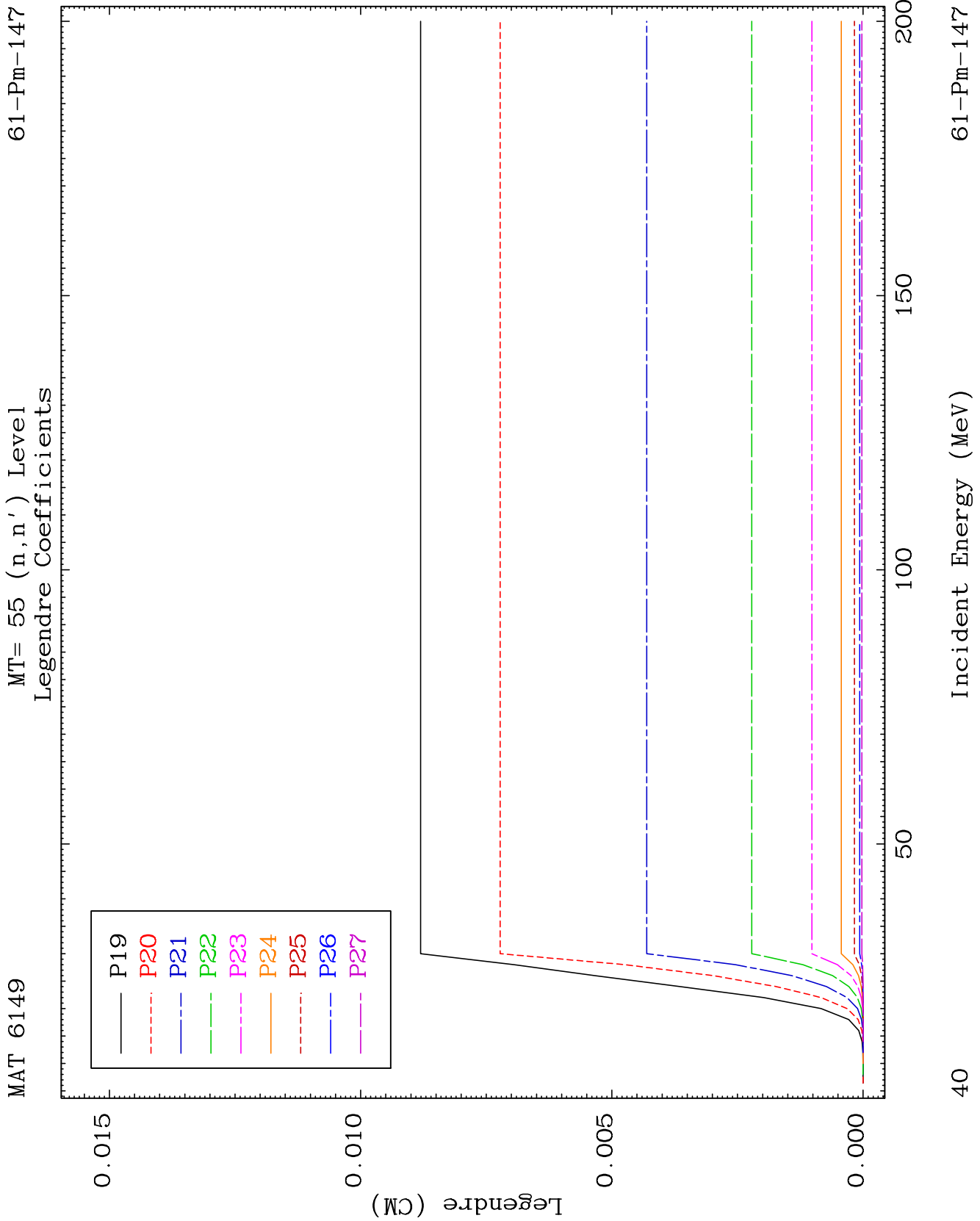
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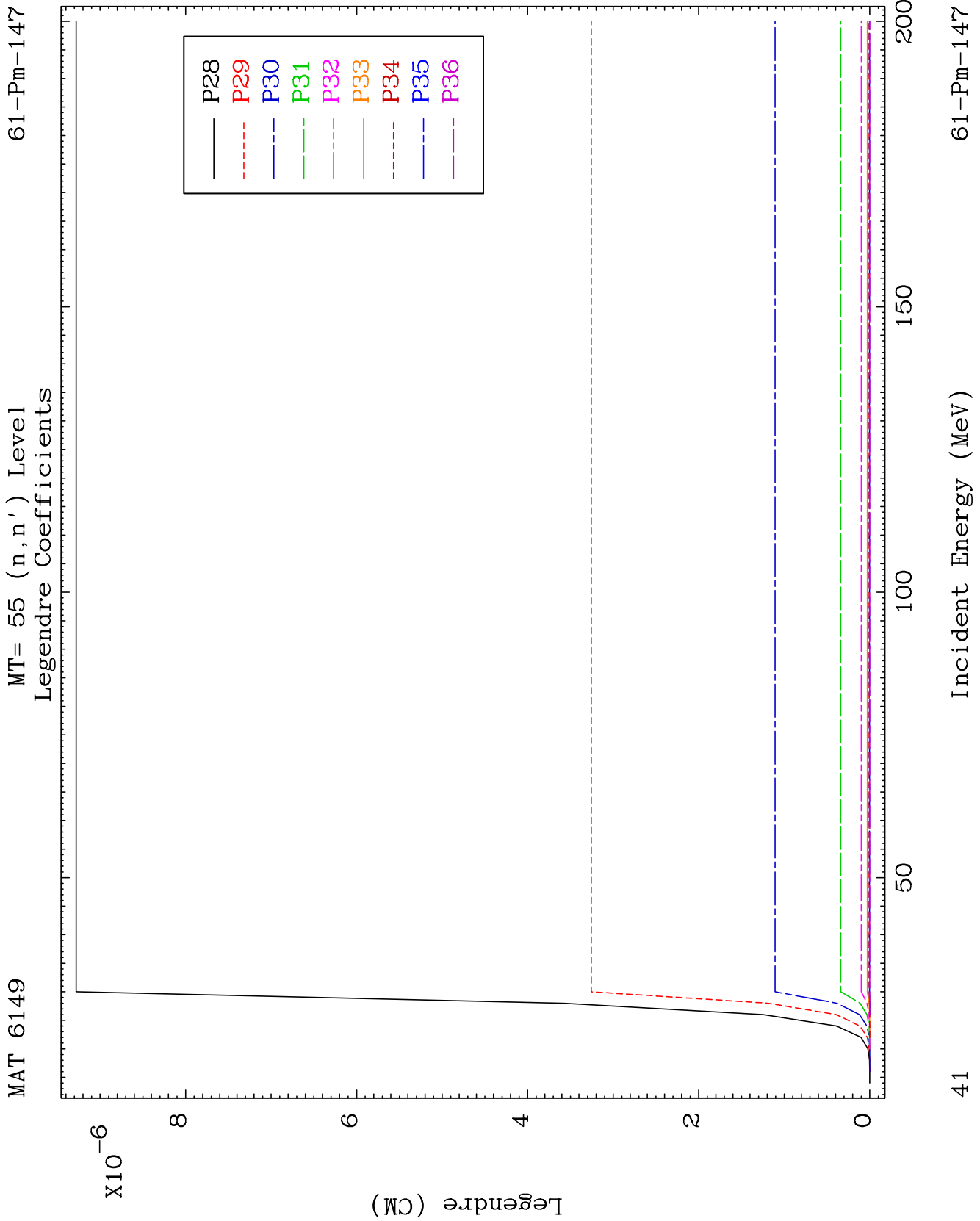


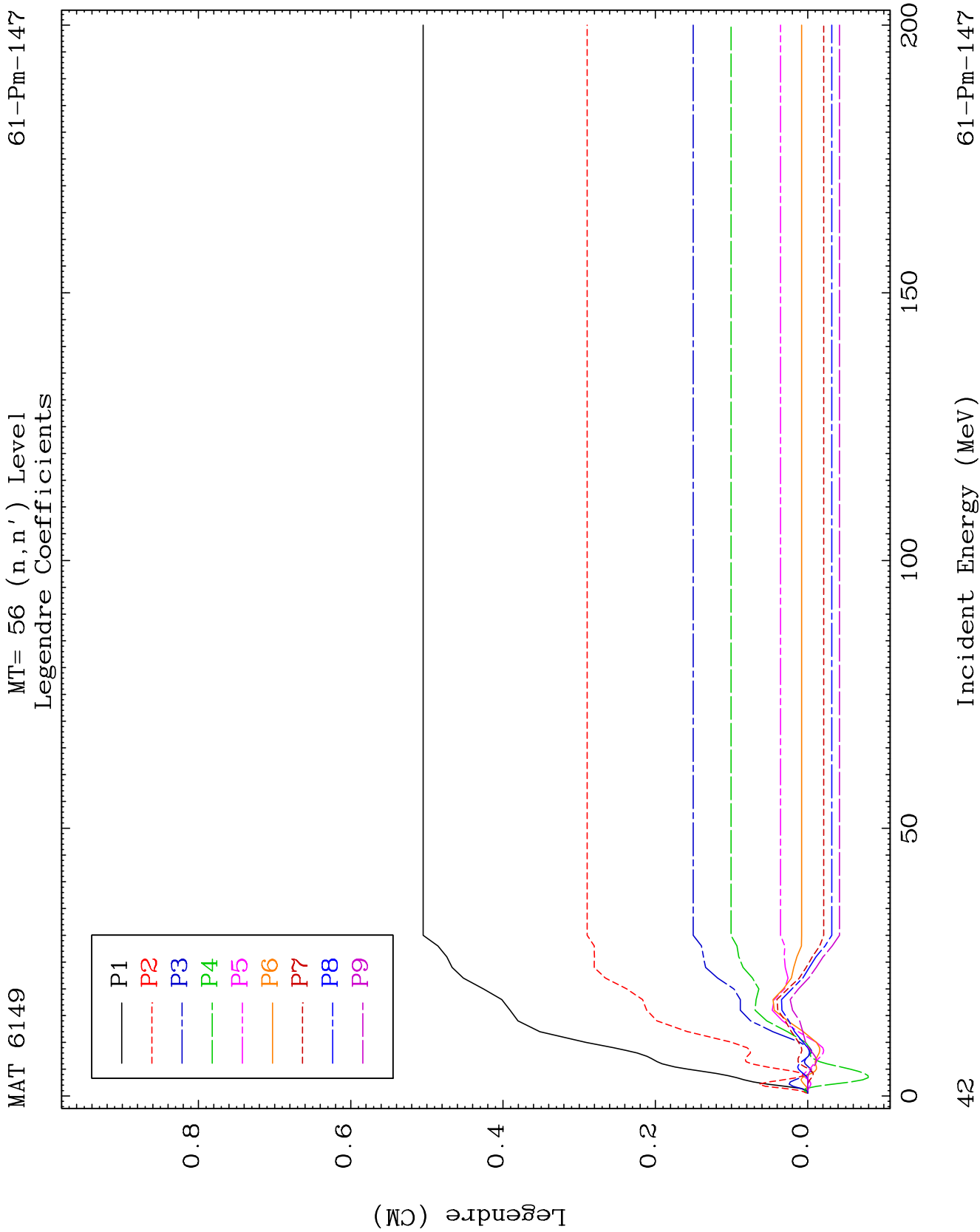
39

Incident Energy (MeV)

61-Pm-147



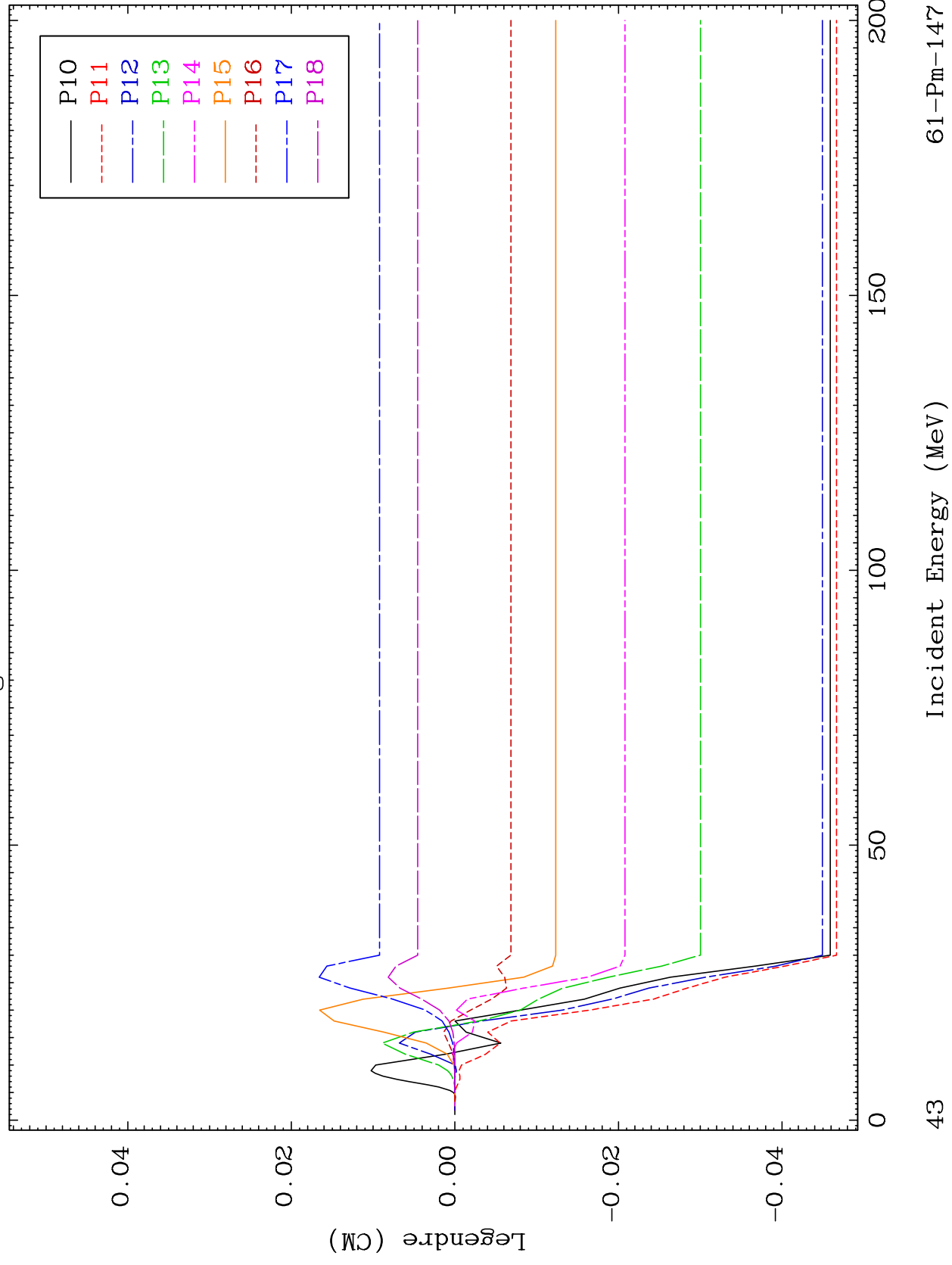




MAT 6149

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

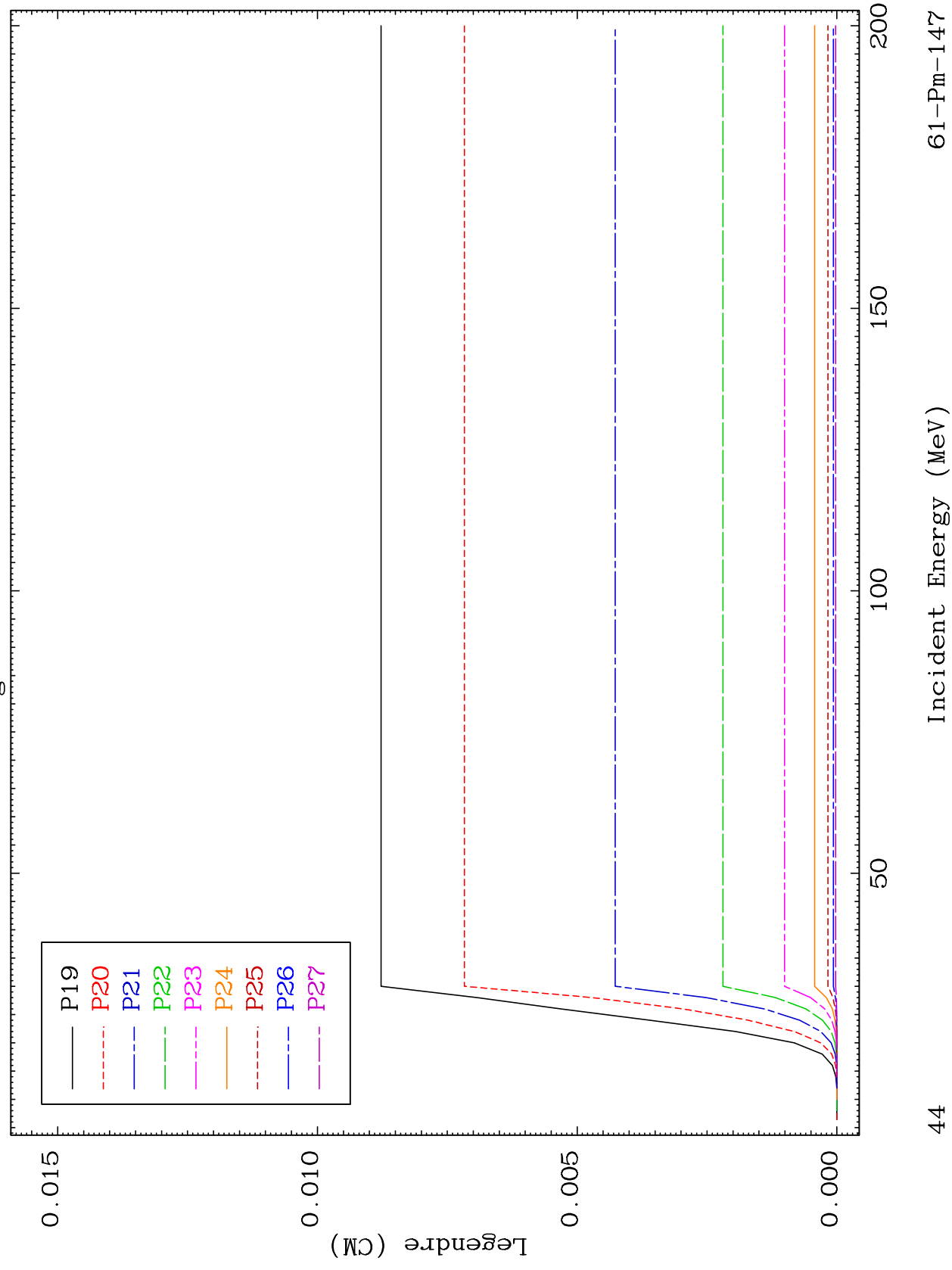
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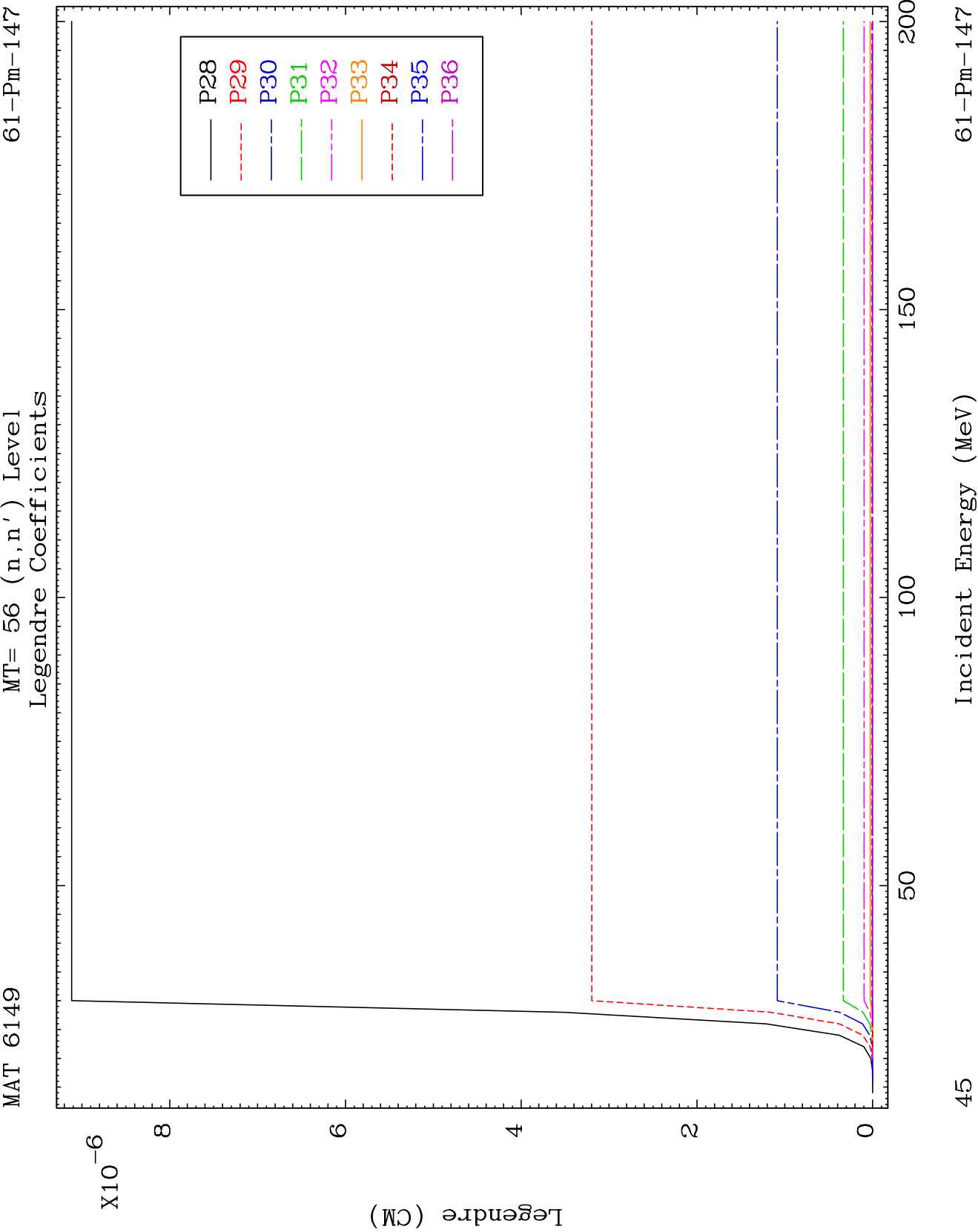


MAT 6149

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

61-Pm-147

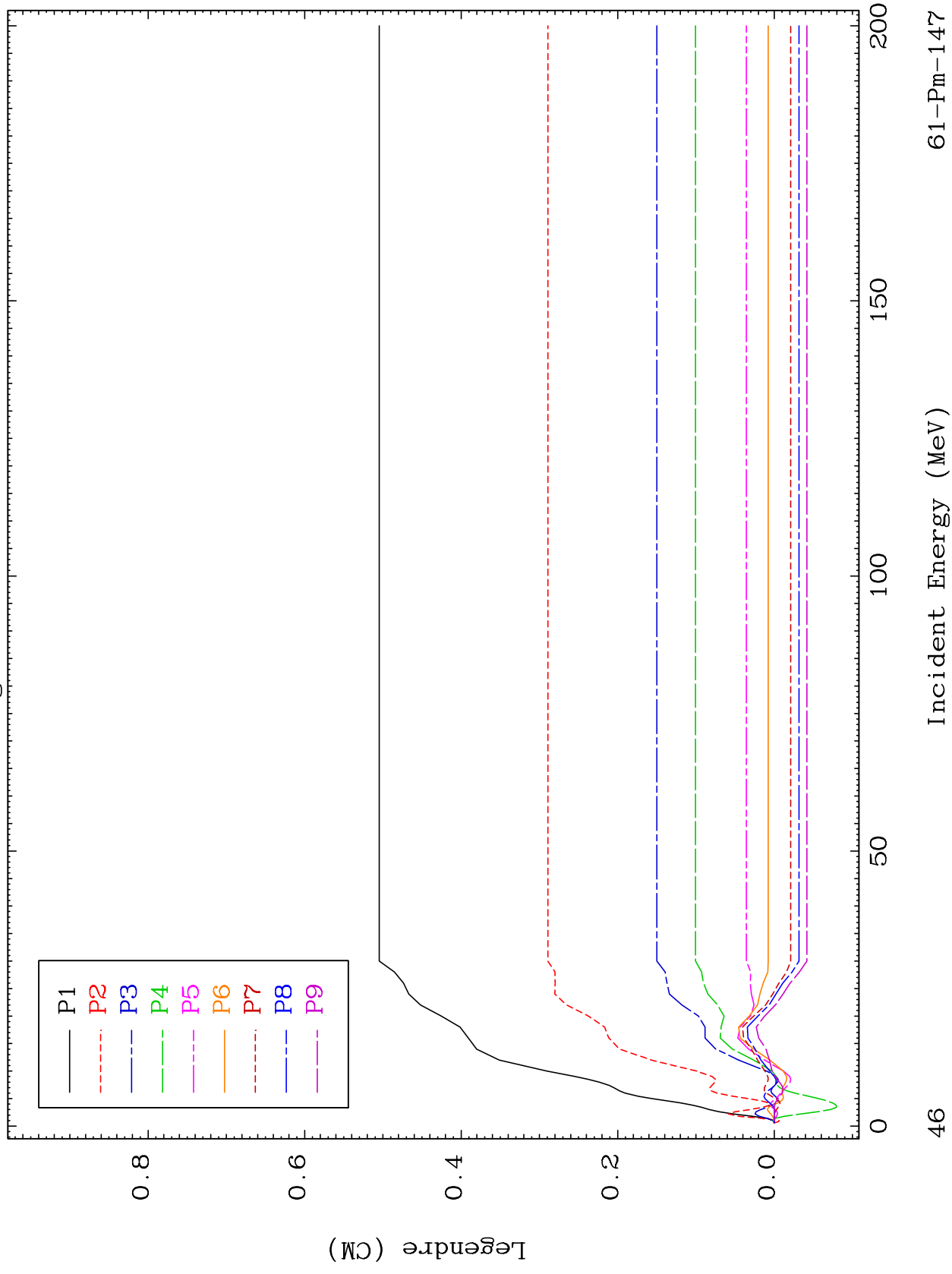




MAT 6149

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

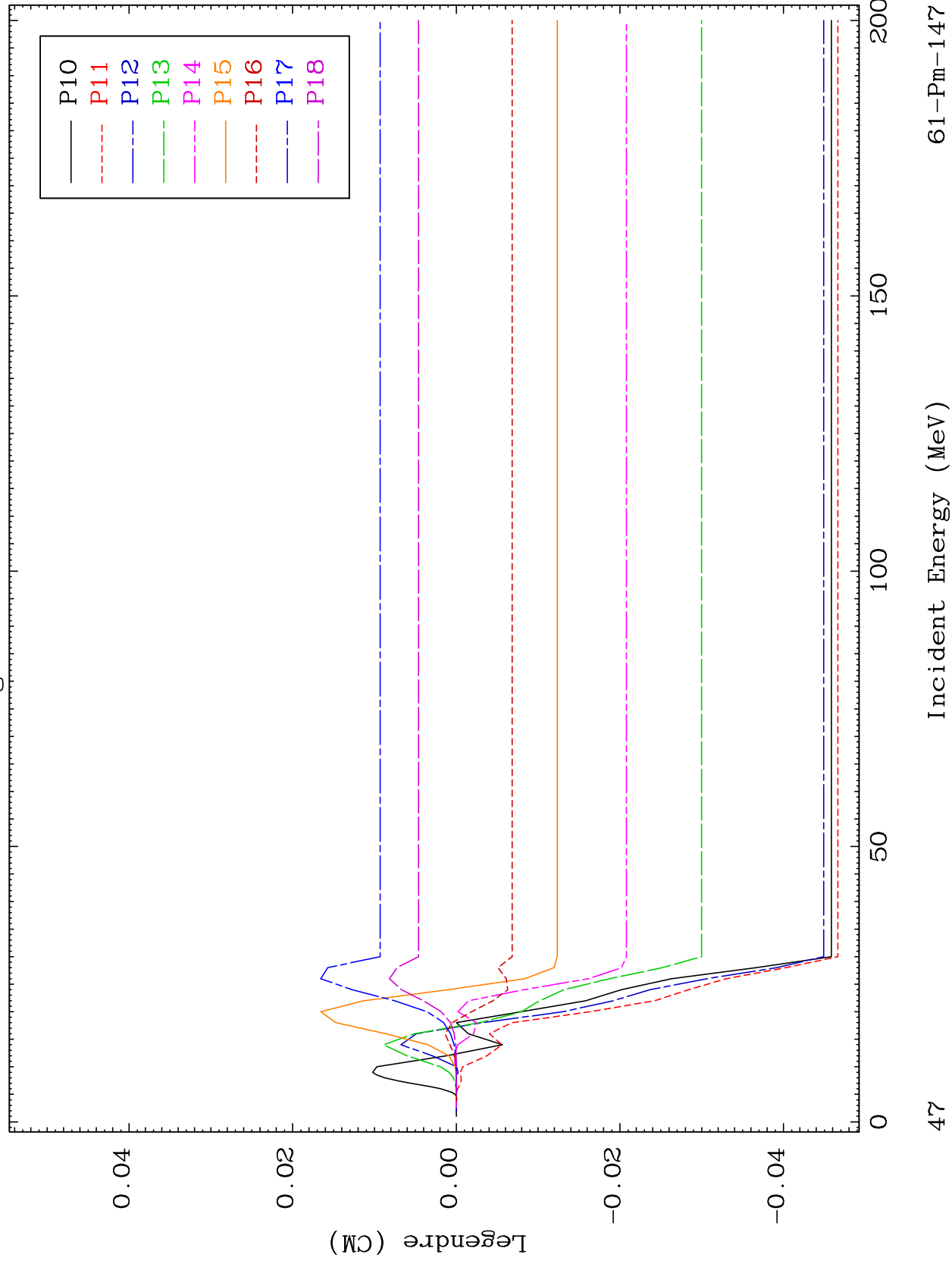
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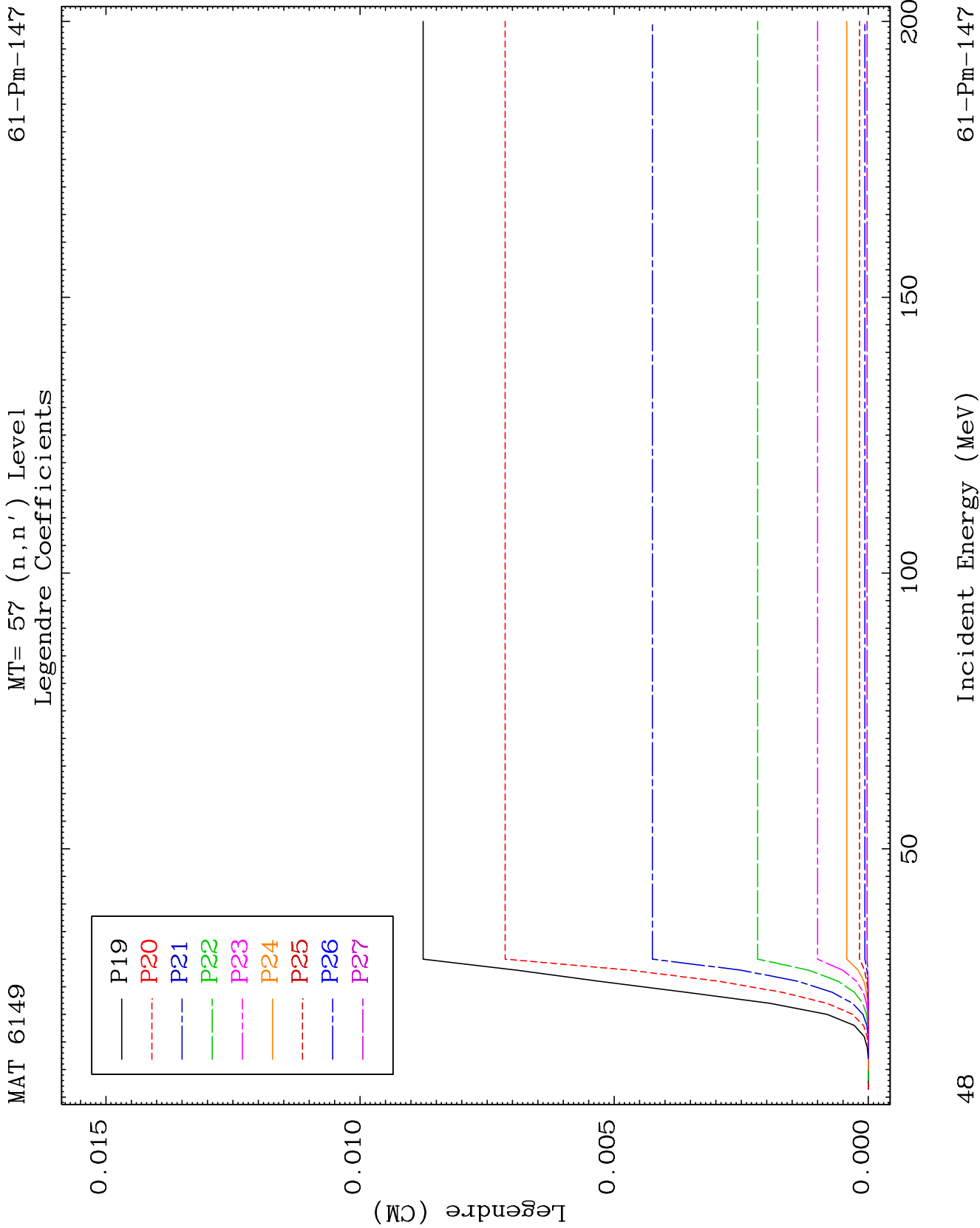


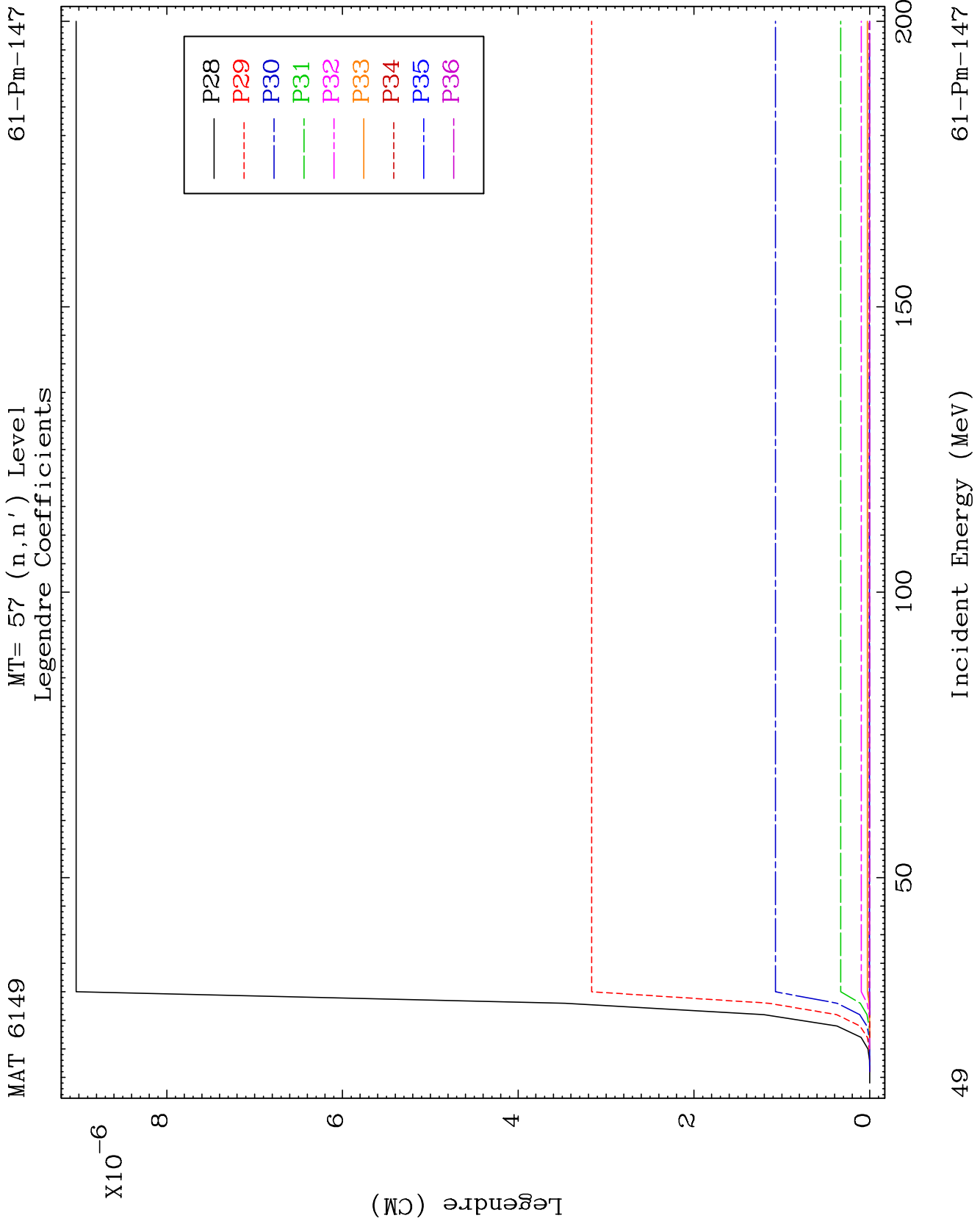
MAT 6149

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

61-Pm-147



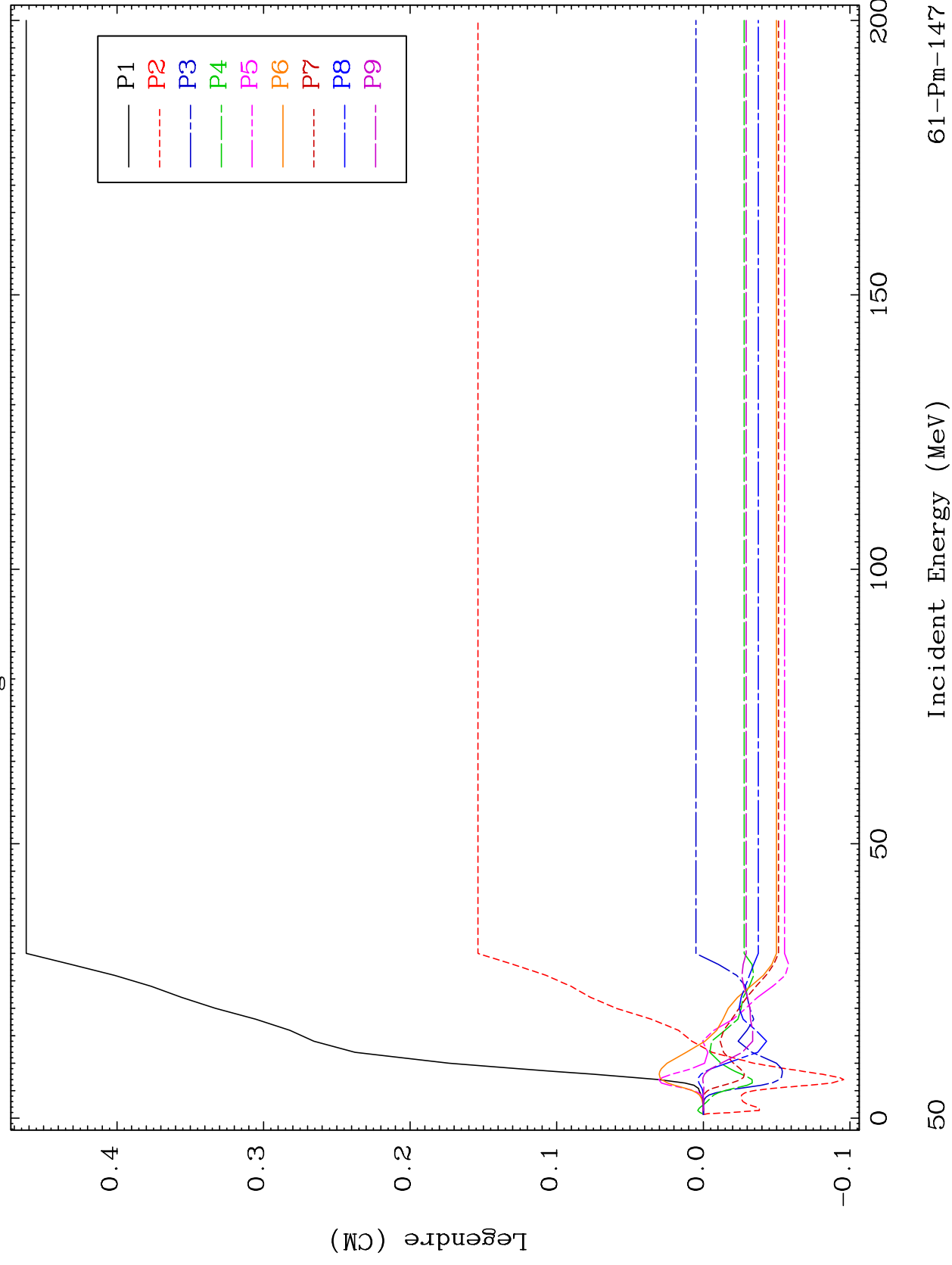


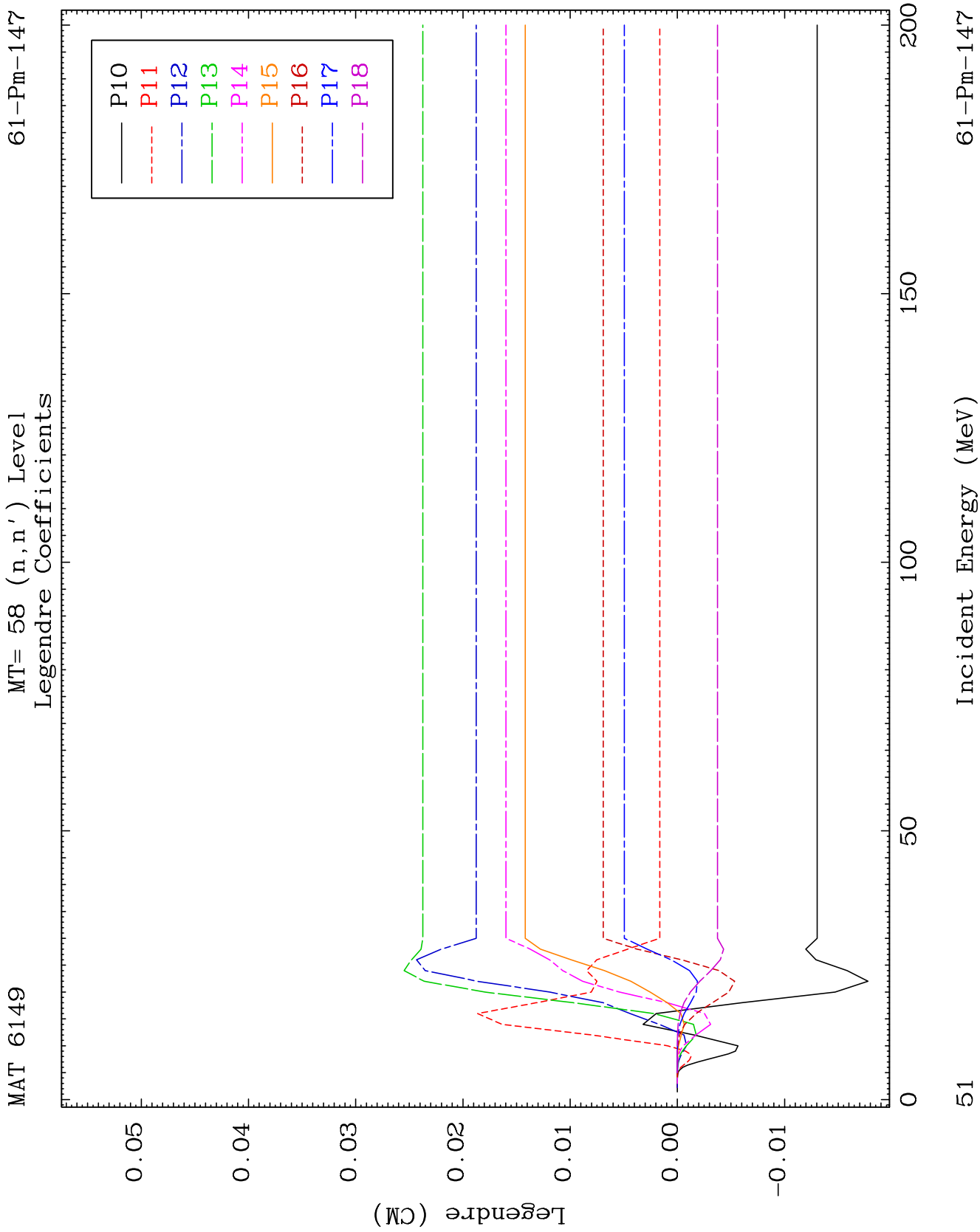


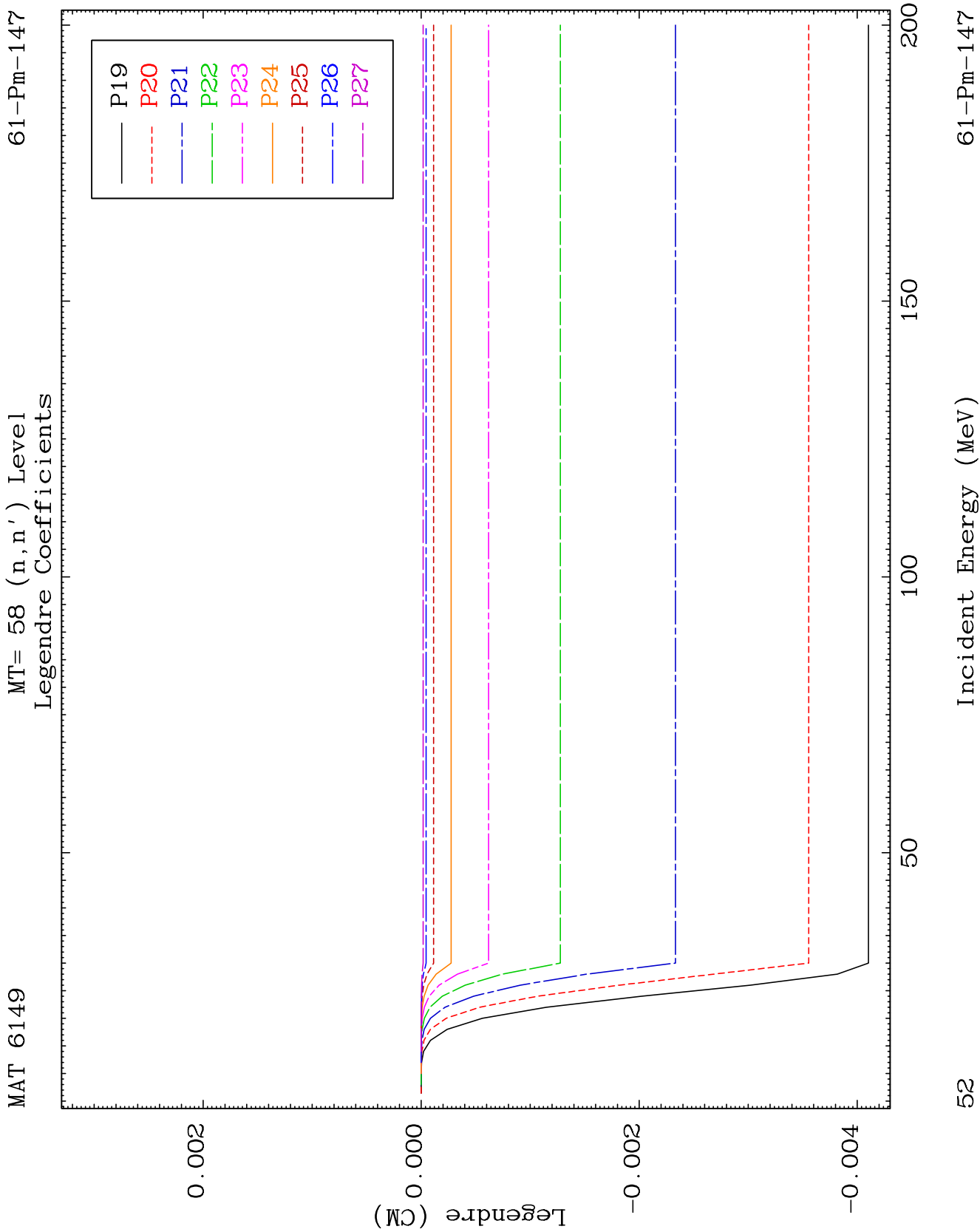
MAT 6149

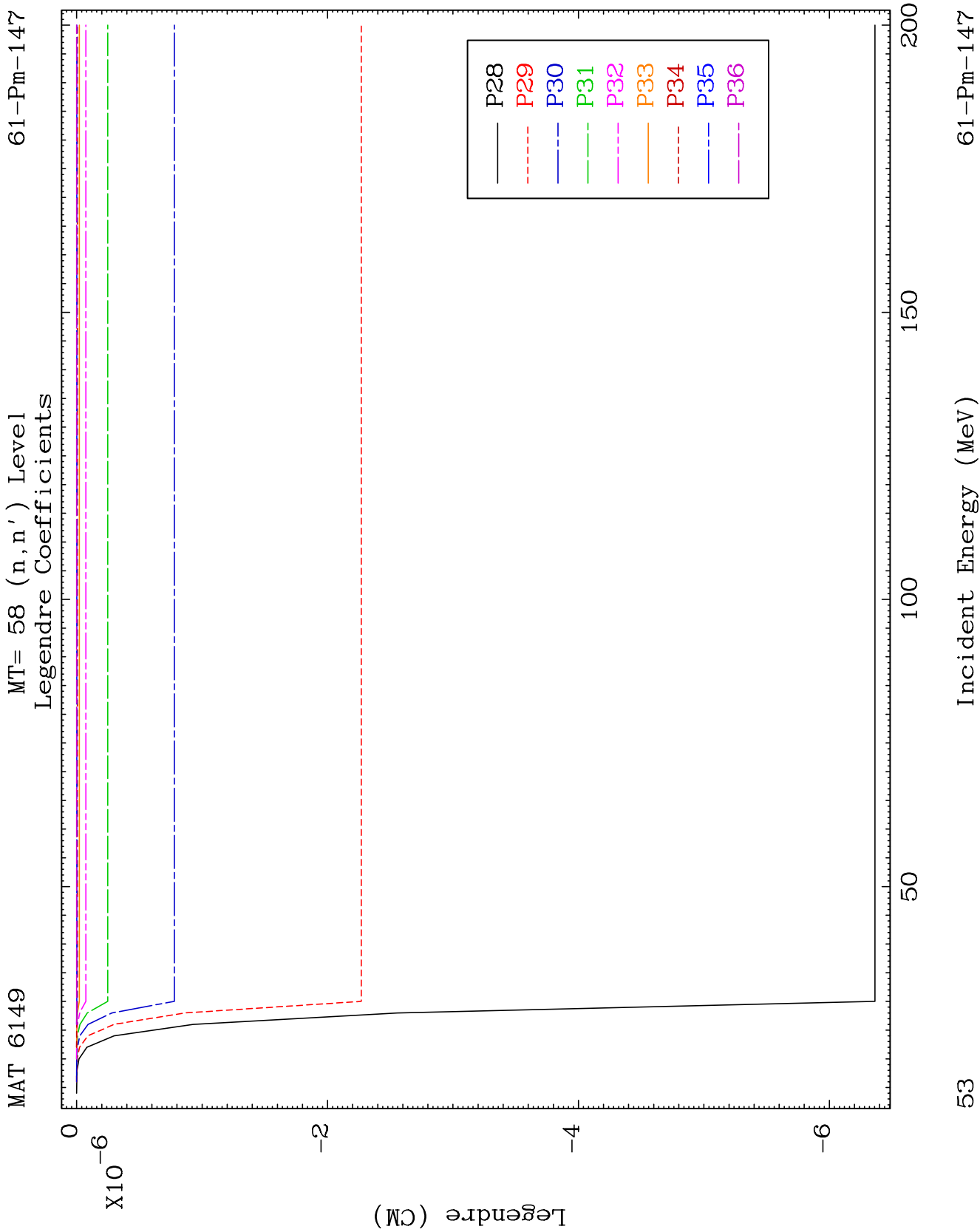
MT= 58 (n, n') Level
Legendre Coefficients

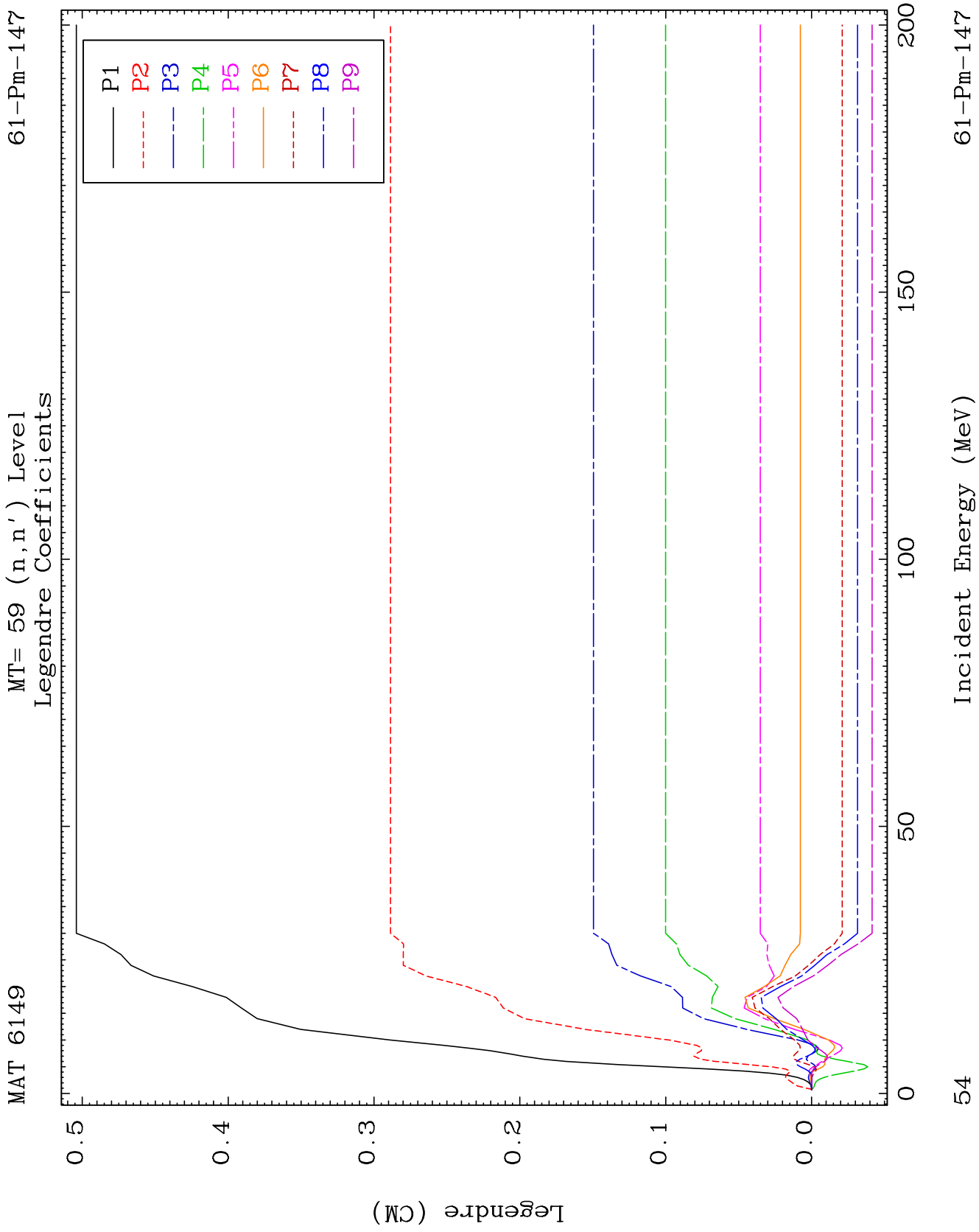
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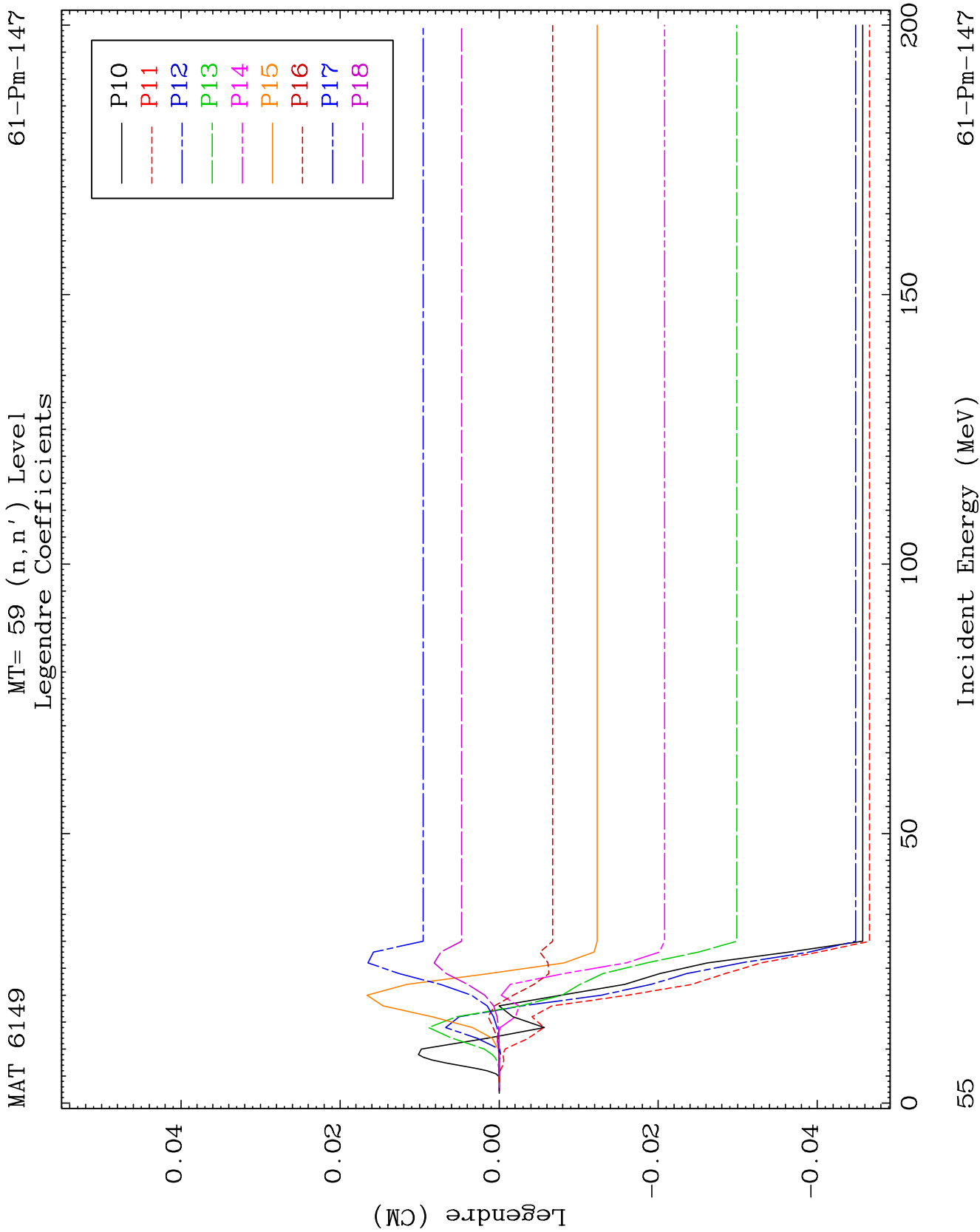








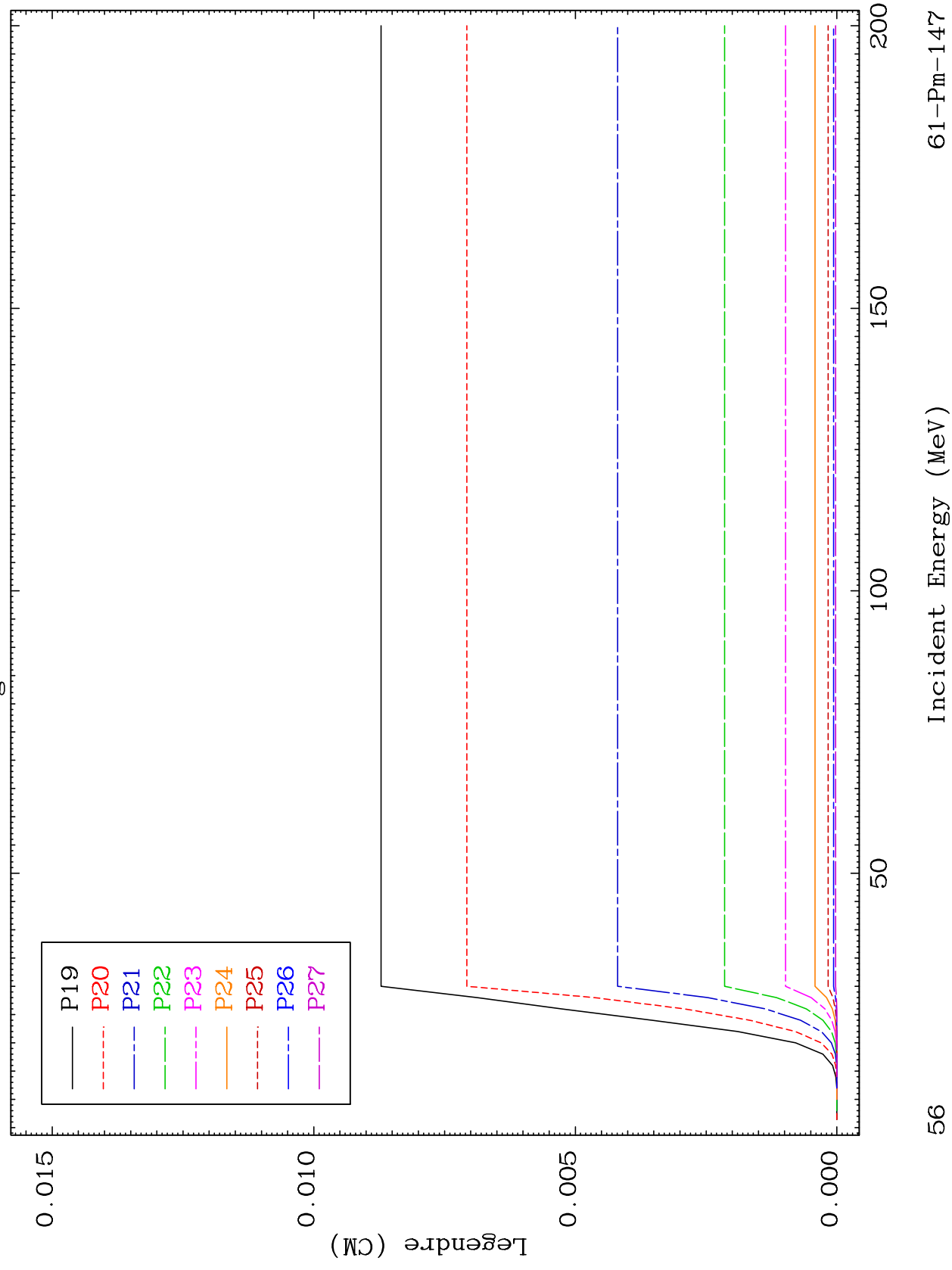


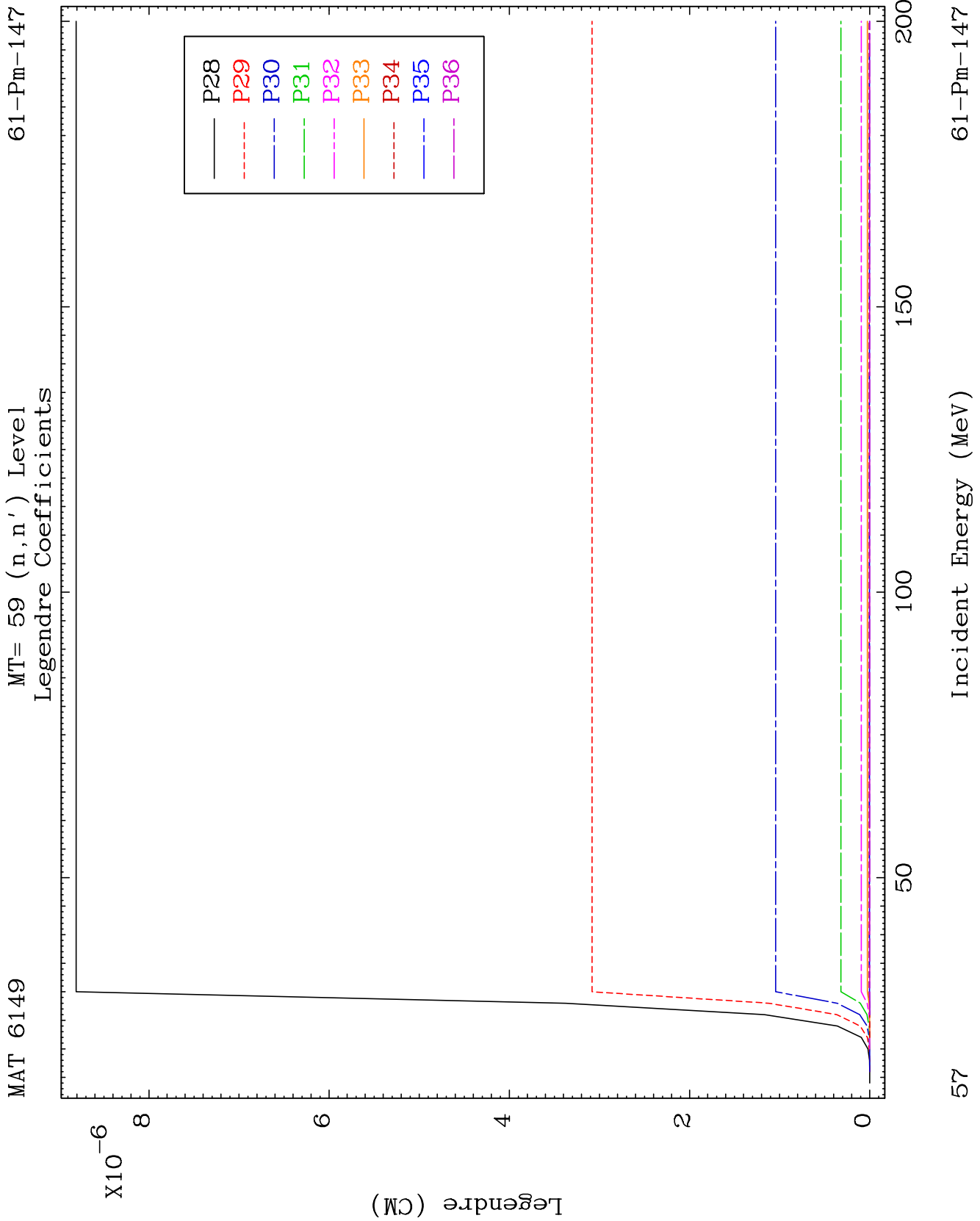


MAT 6149

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

61-Pm-147

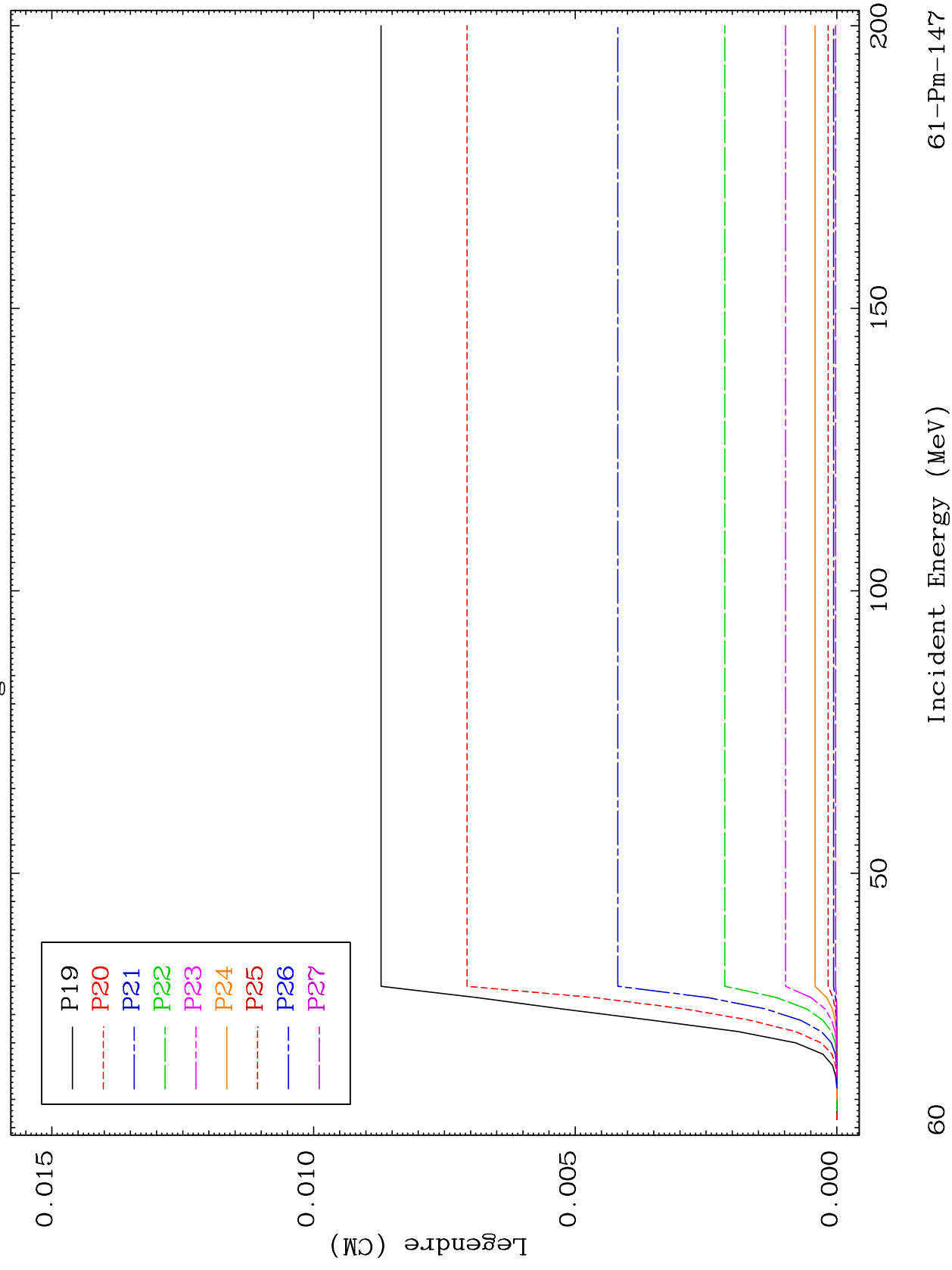


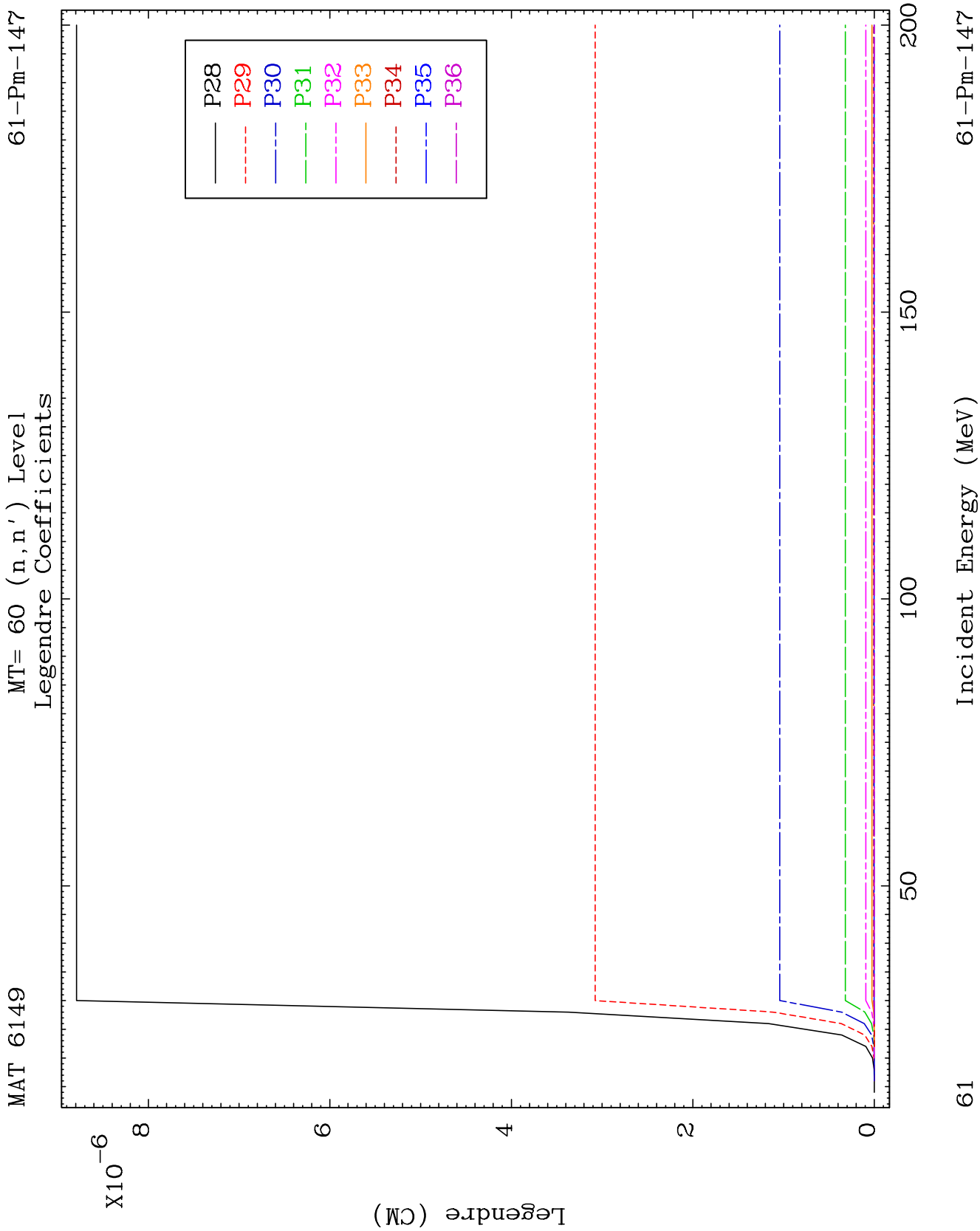


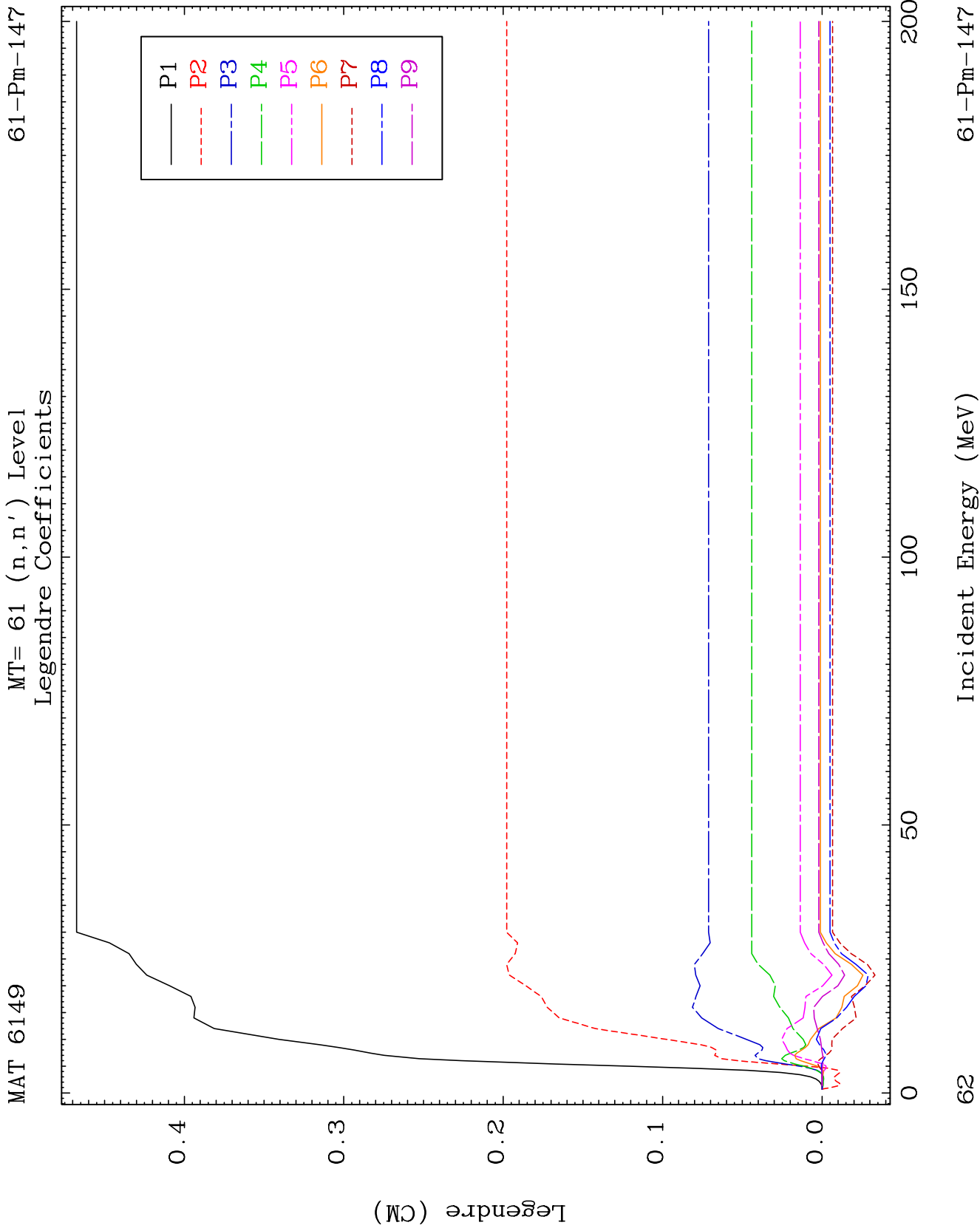
MAT 6149

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

61-Pm-147



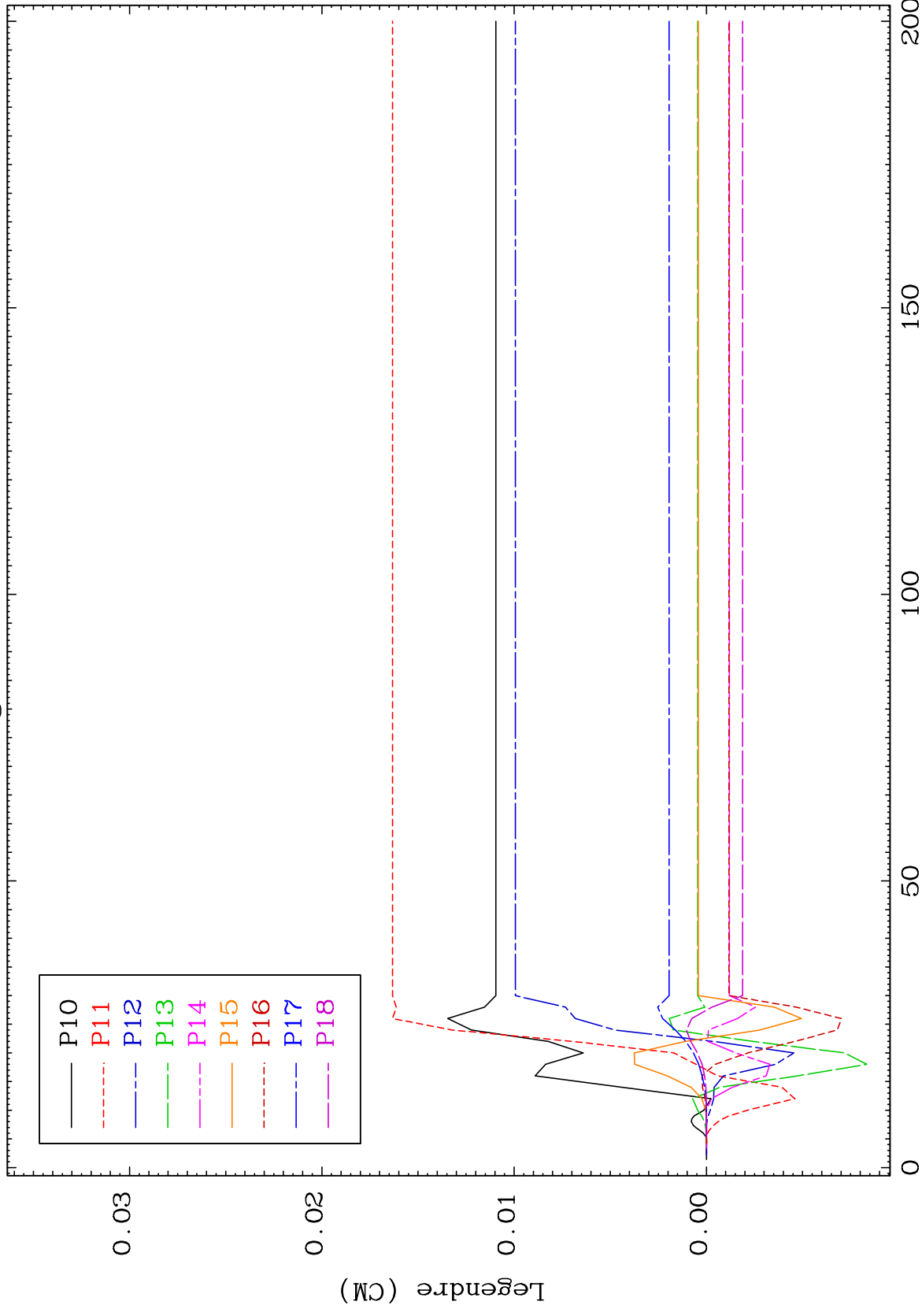


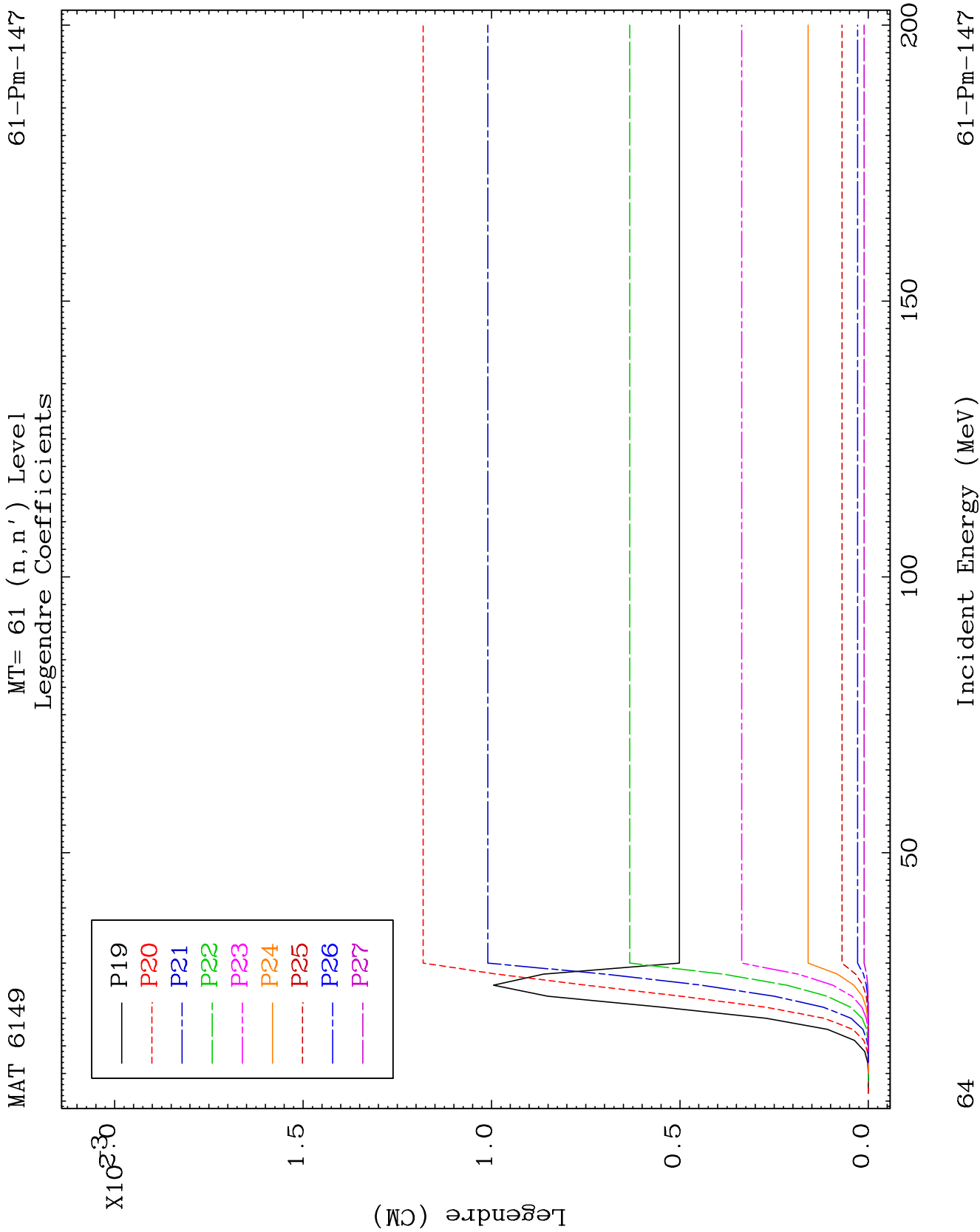


MAT 6149

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

61-Pm-147

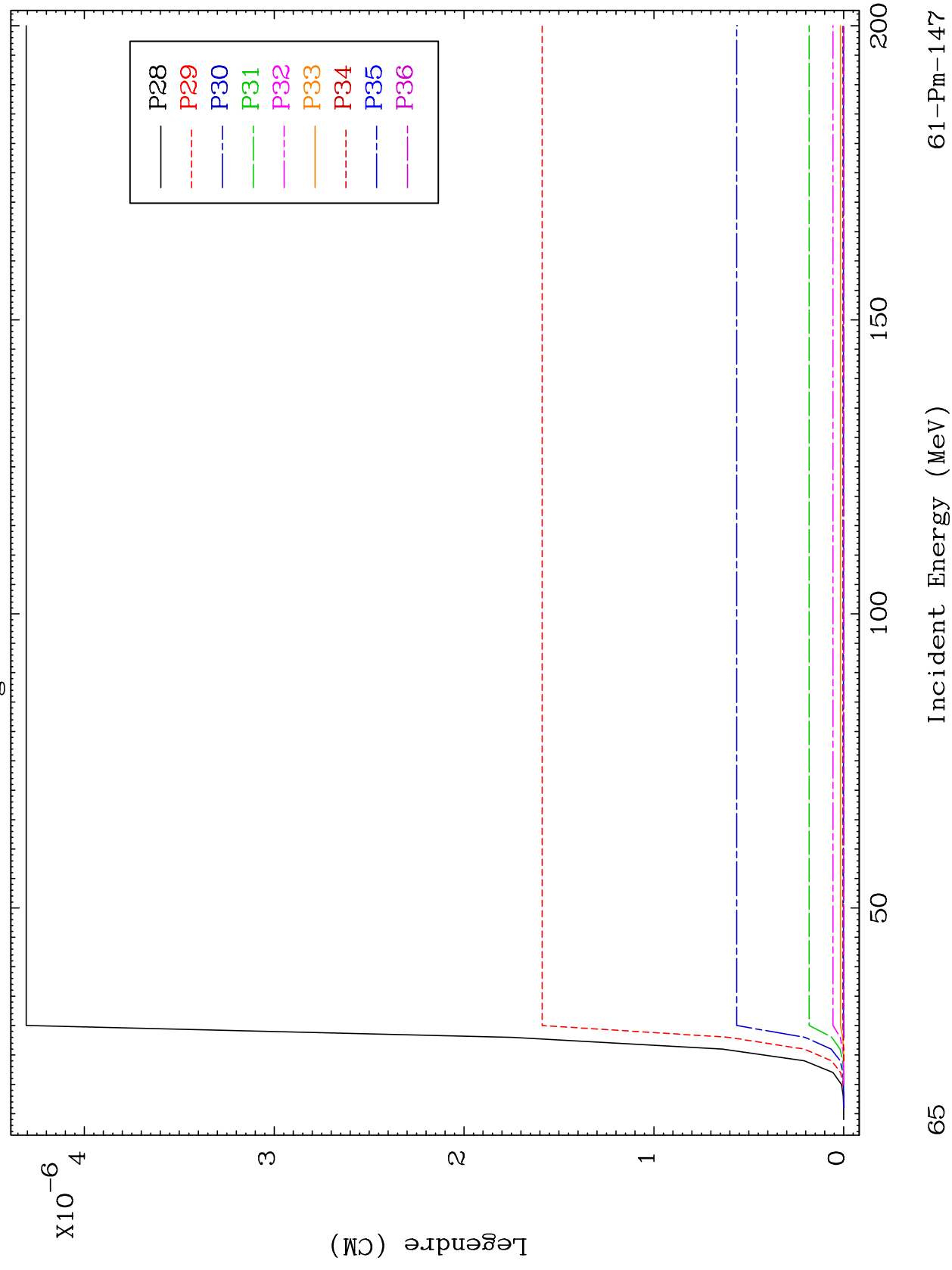


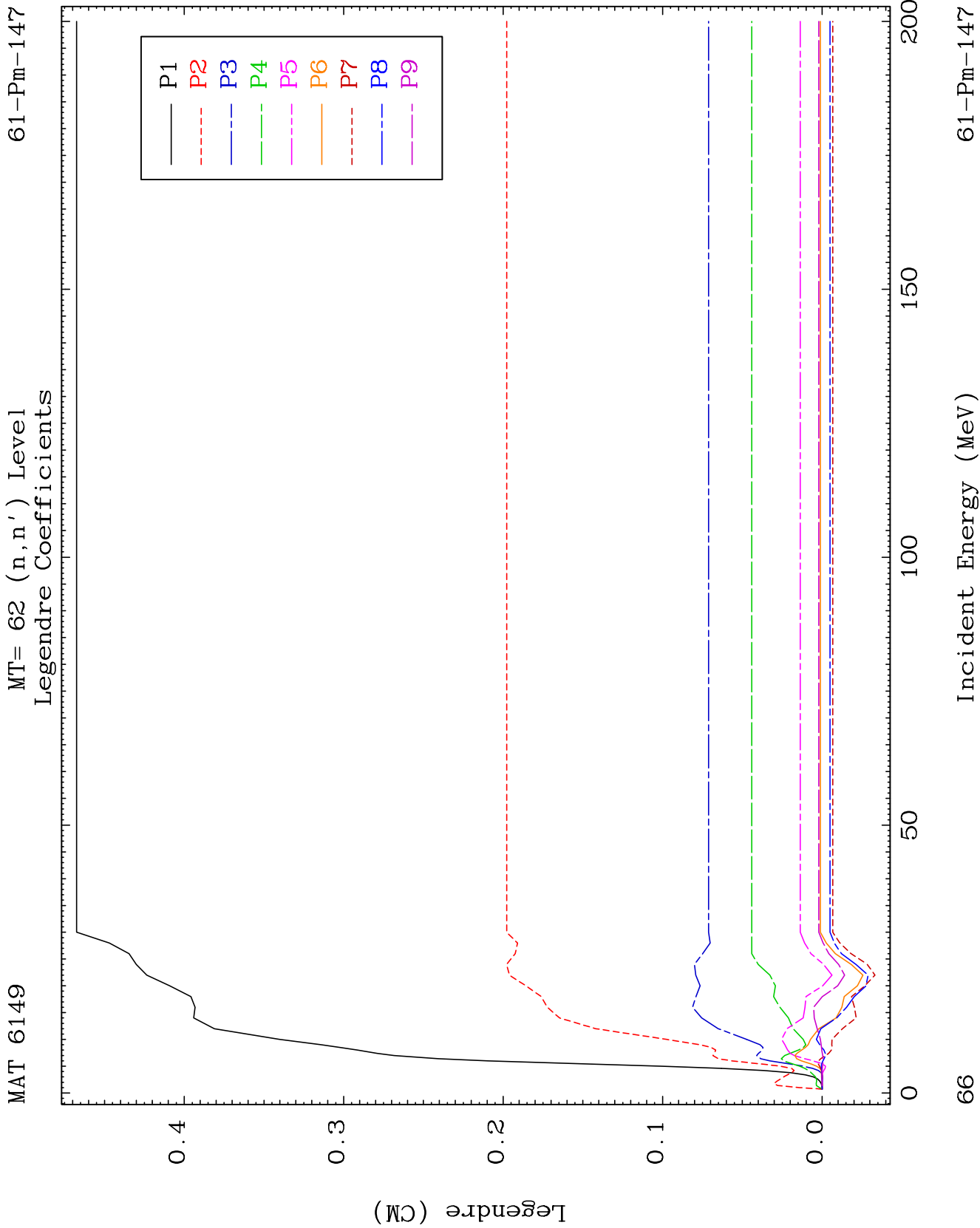


MAT 6149

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

61-Pm-147

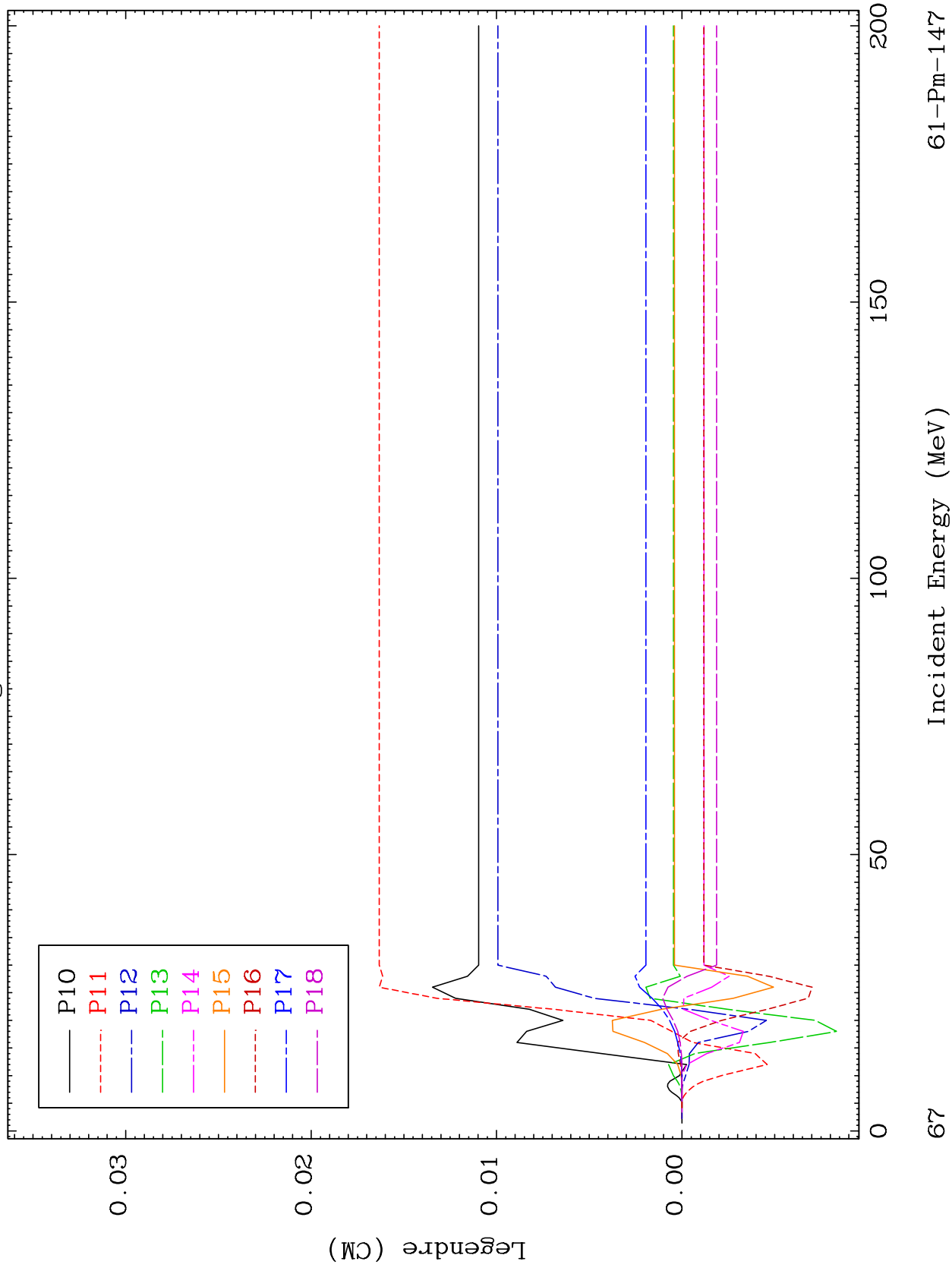




MAT 6149

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

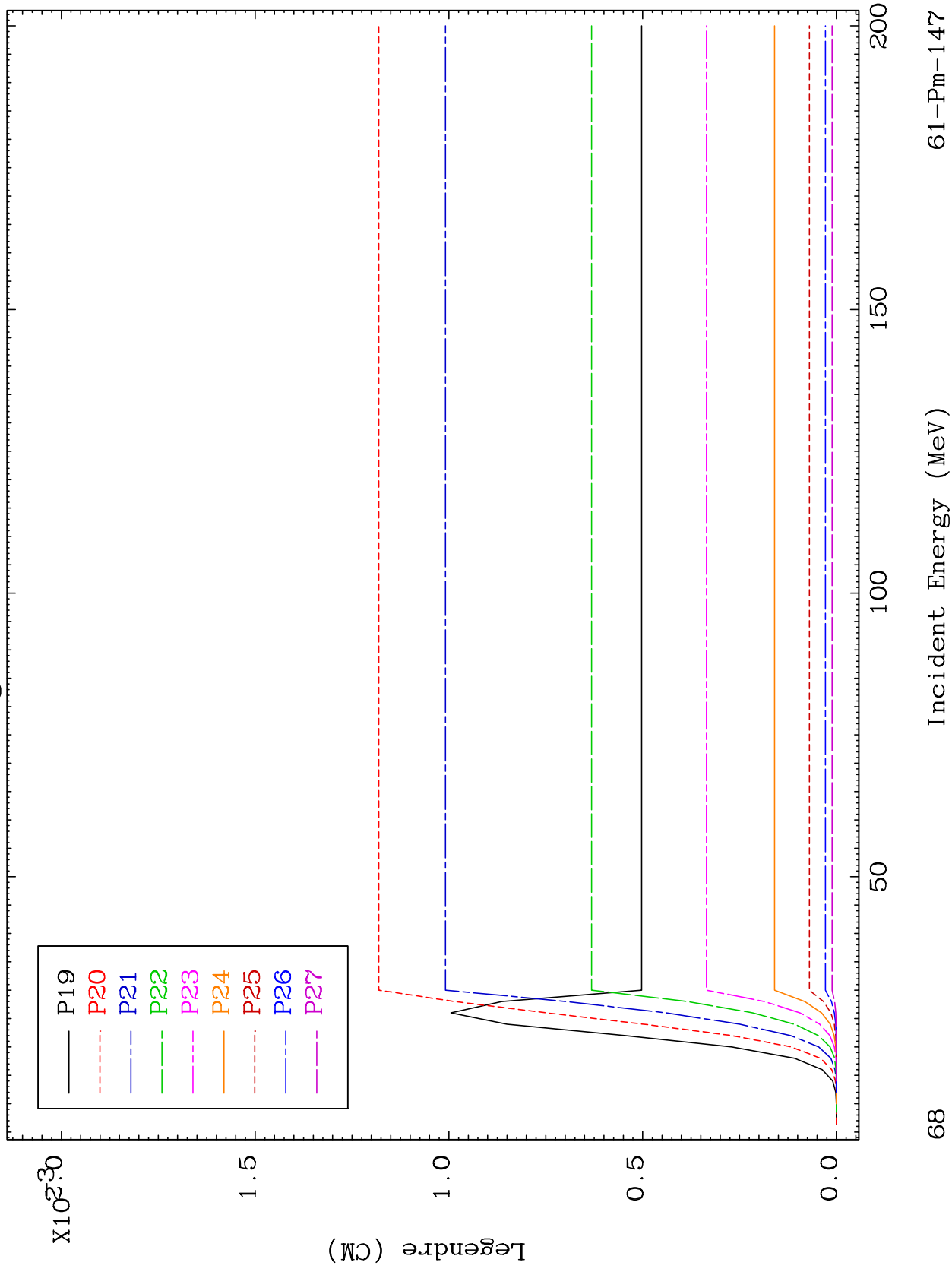
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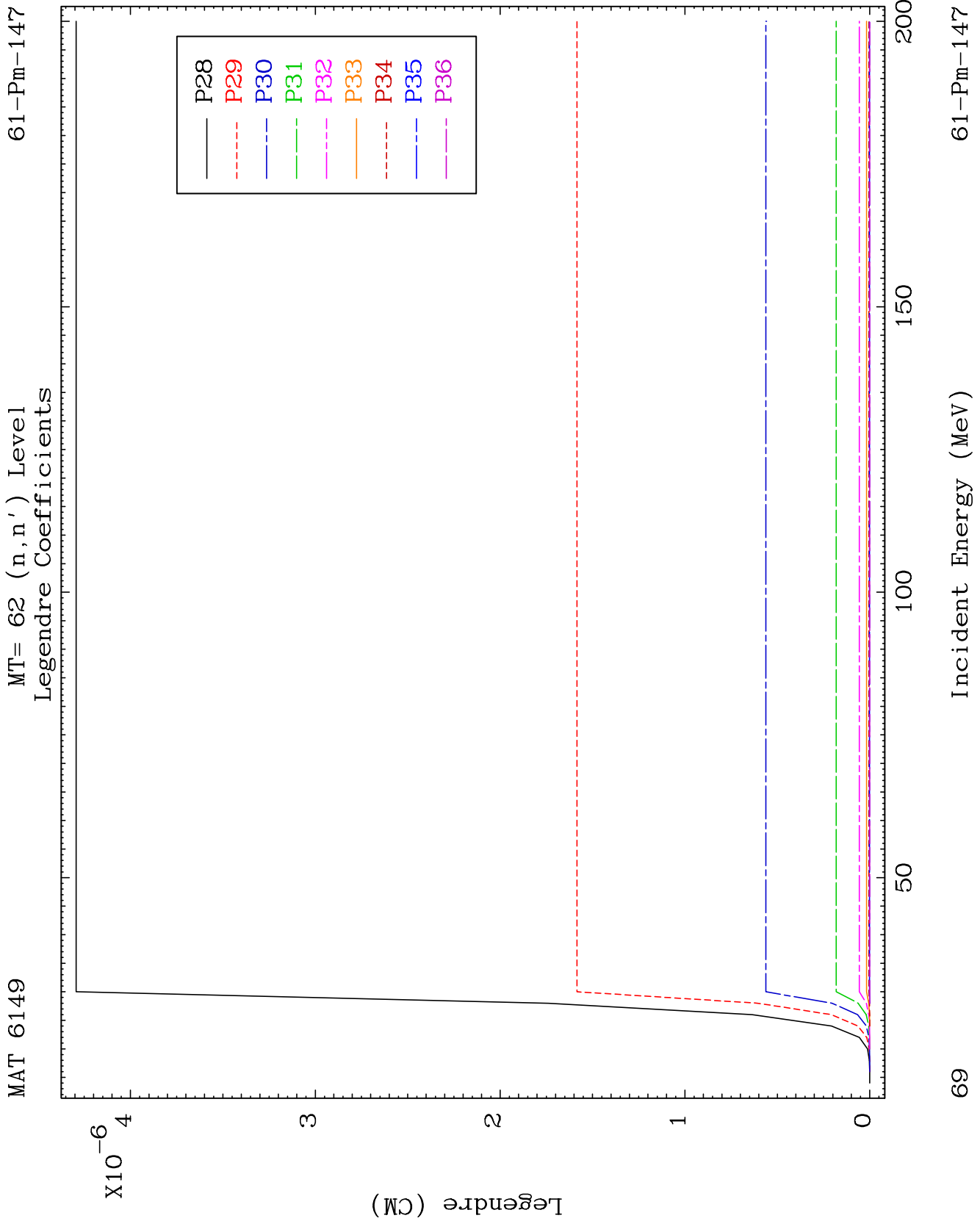


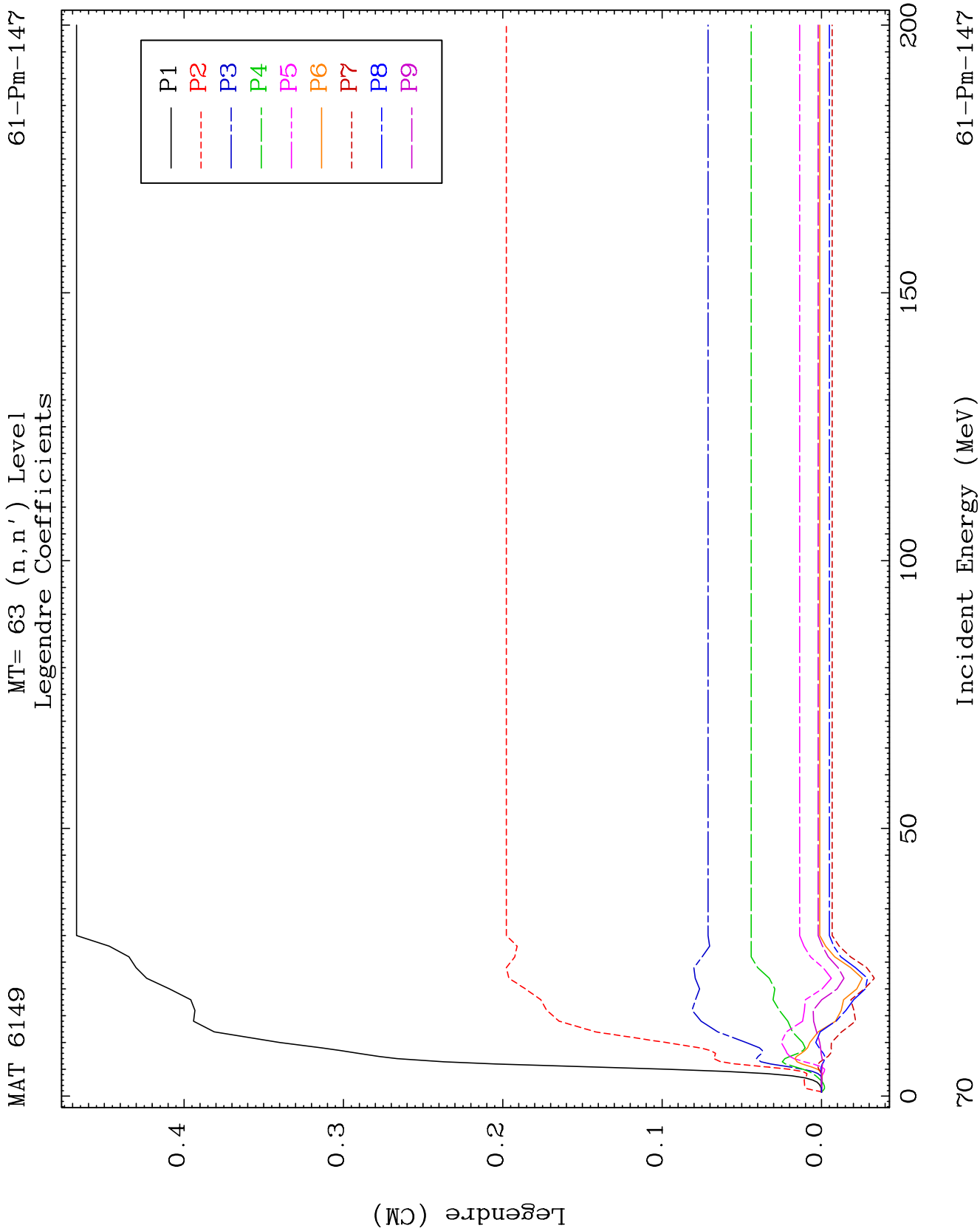
MAT 6149

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

61-Pm-147



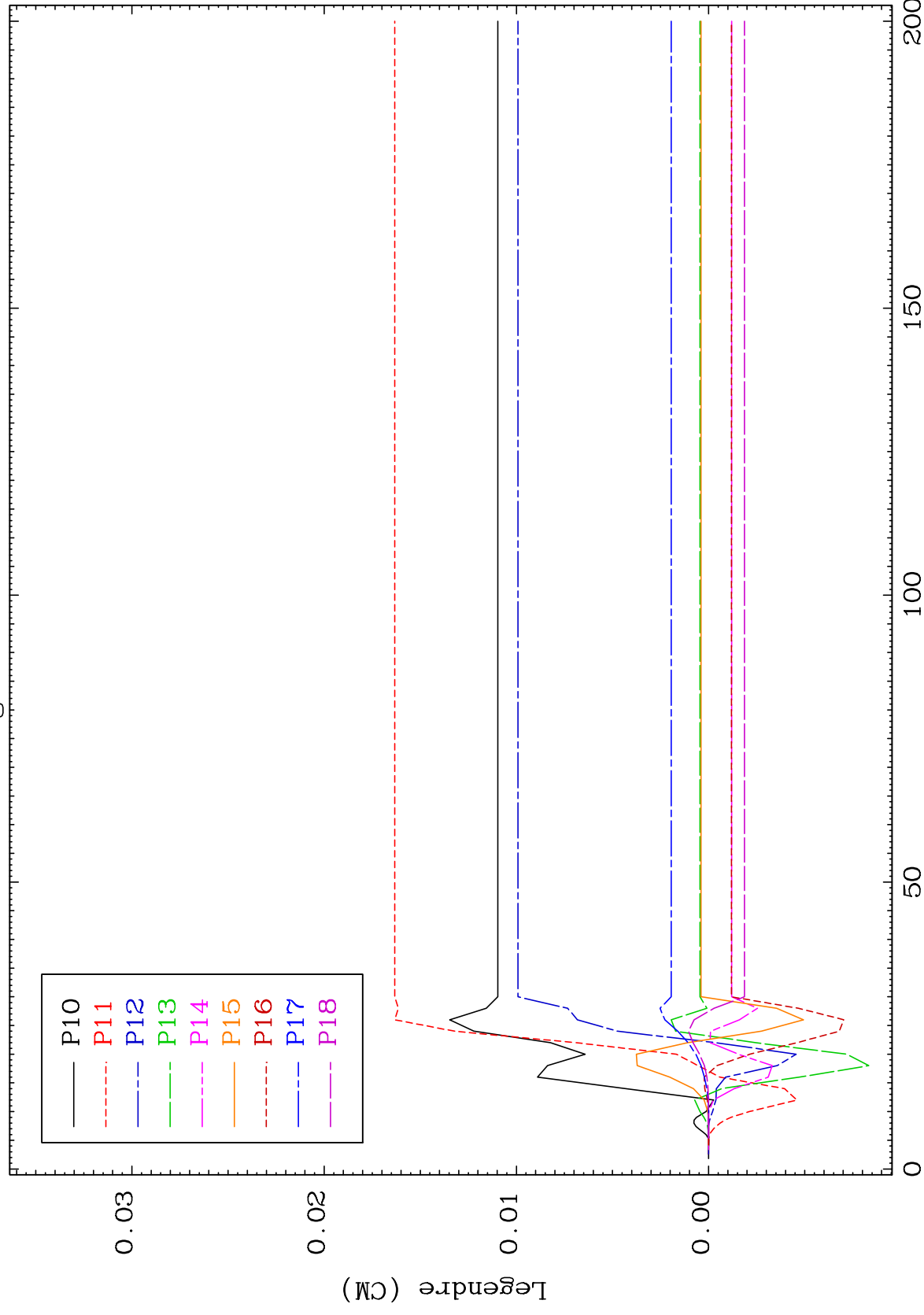




MAT 6149

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

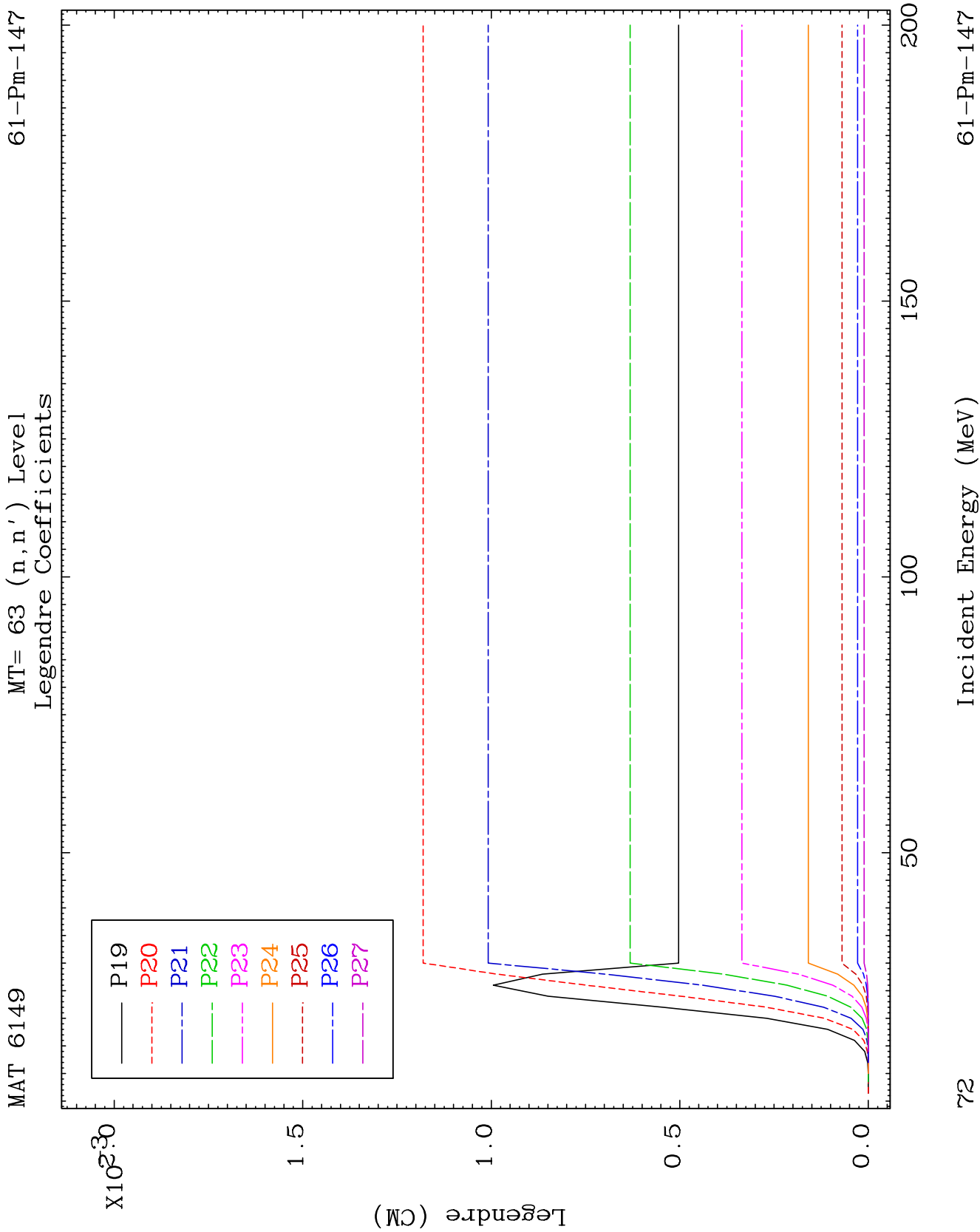
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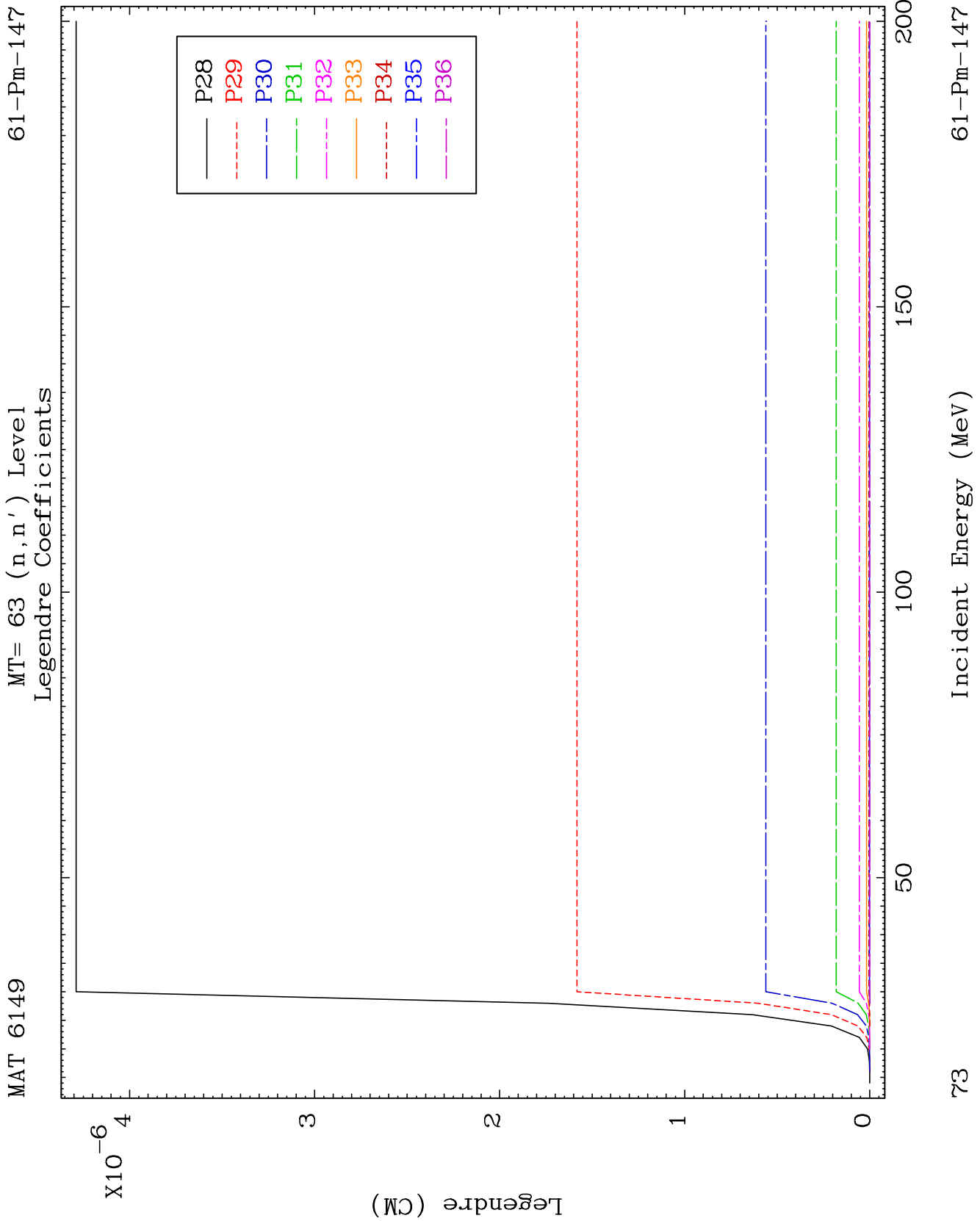


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Incident Energy (MeV)

61-Pm-147

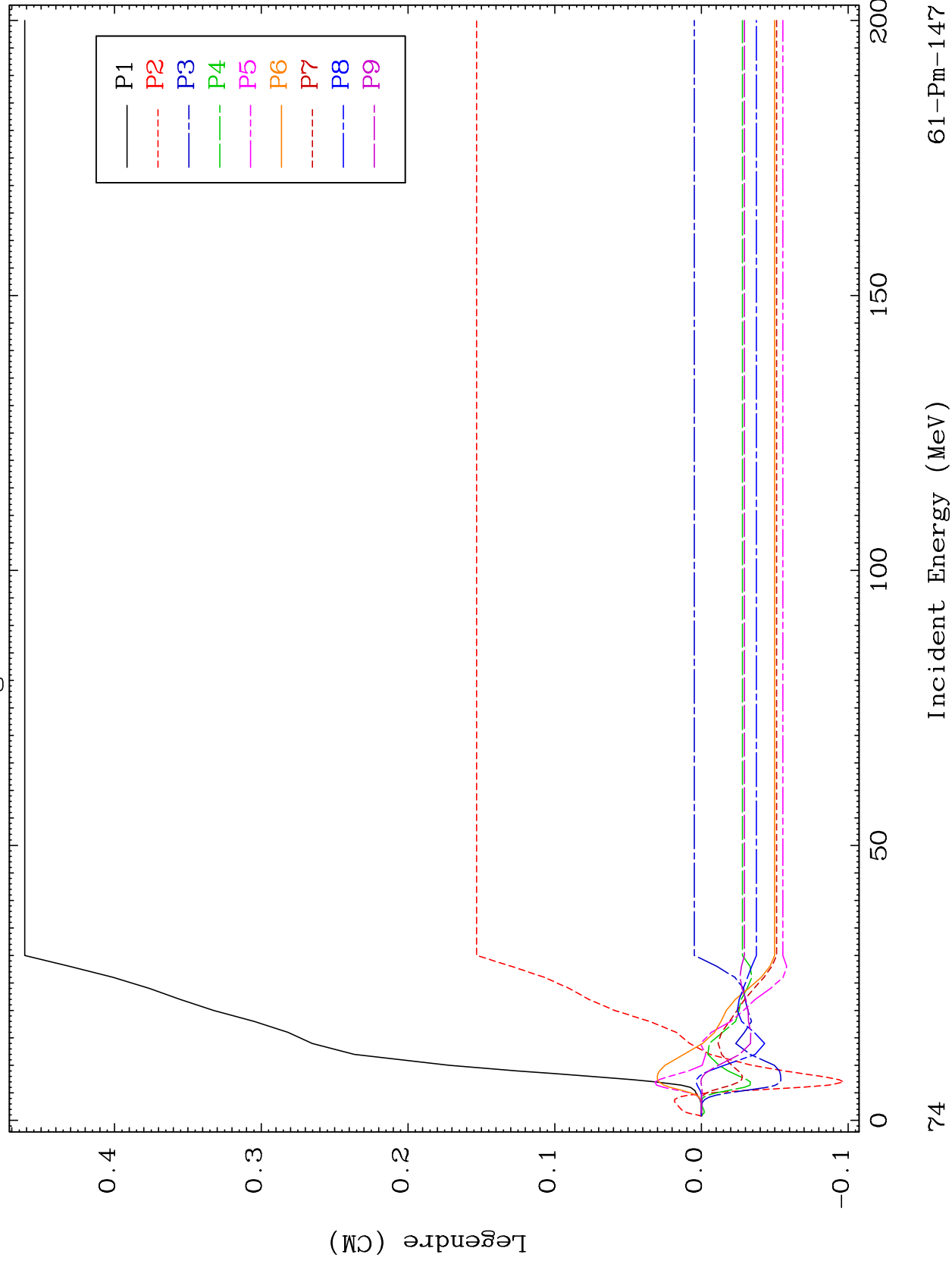


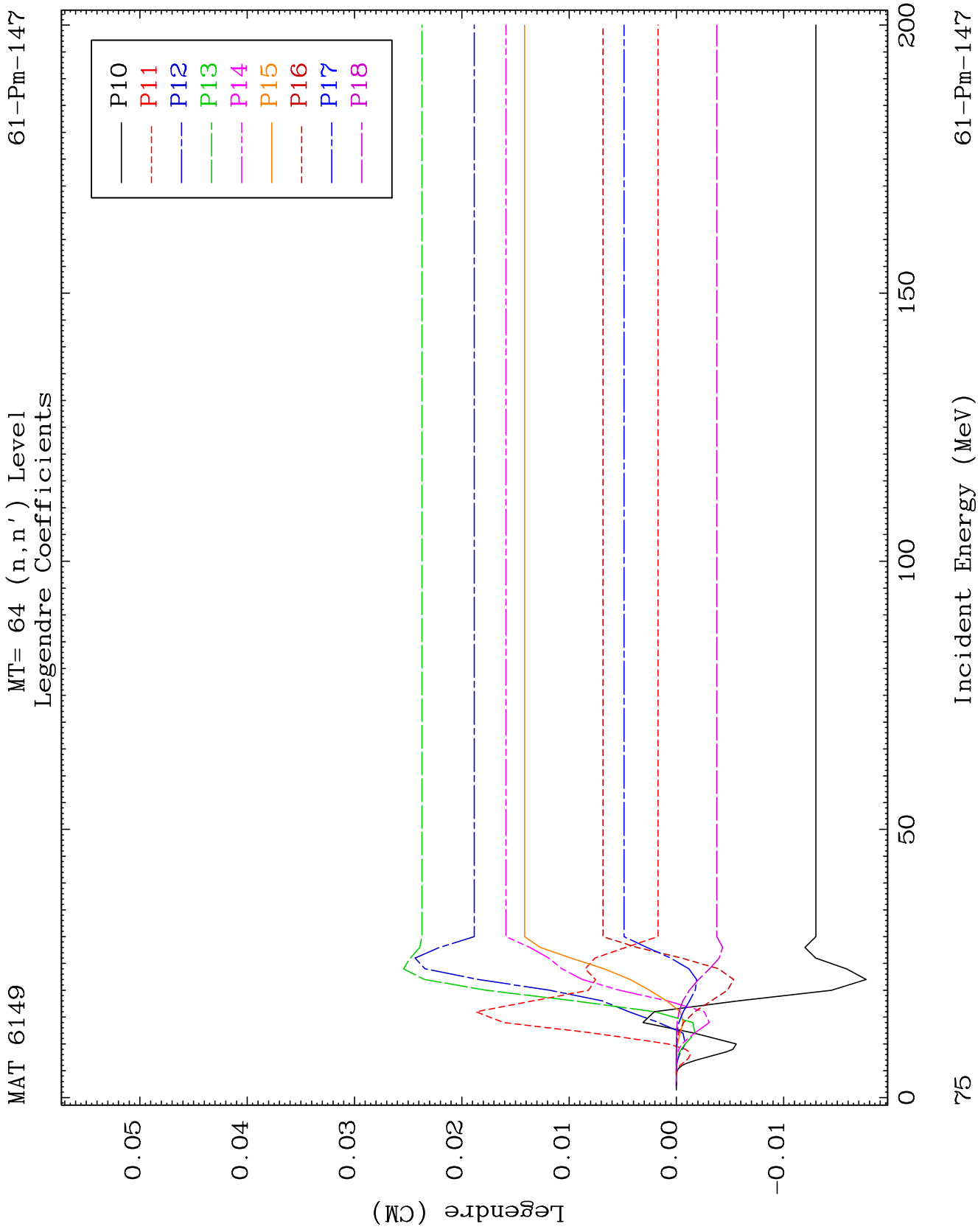


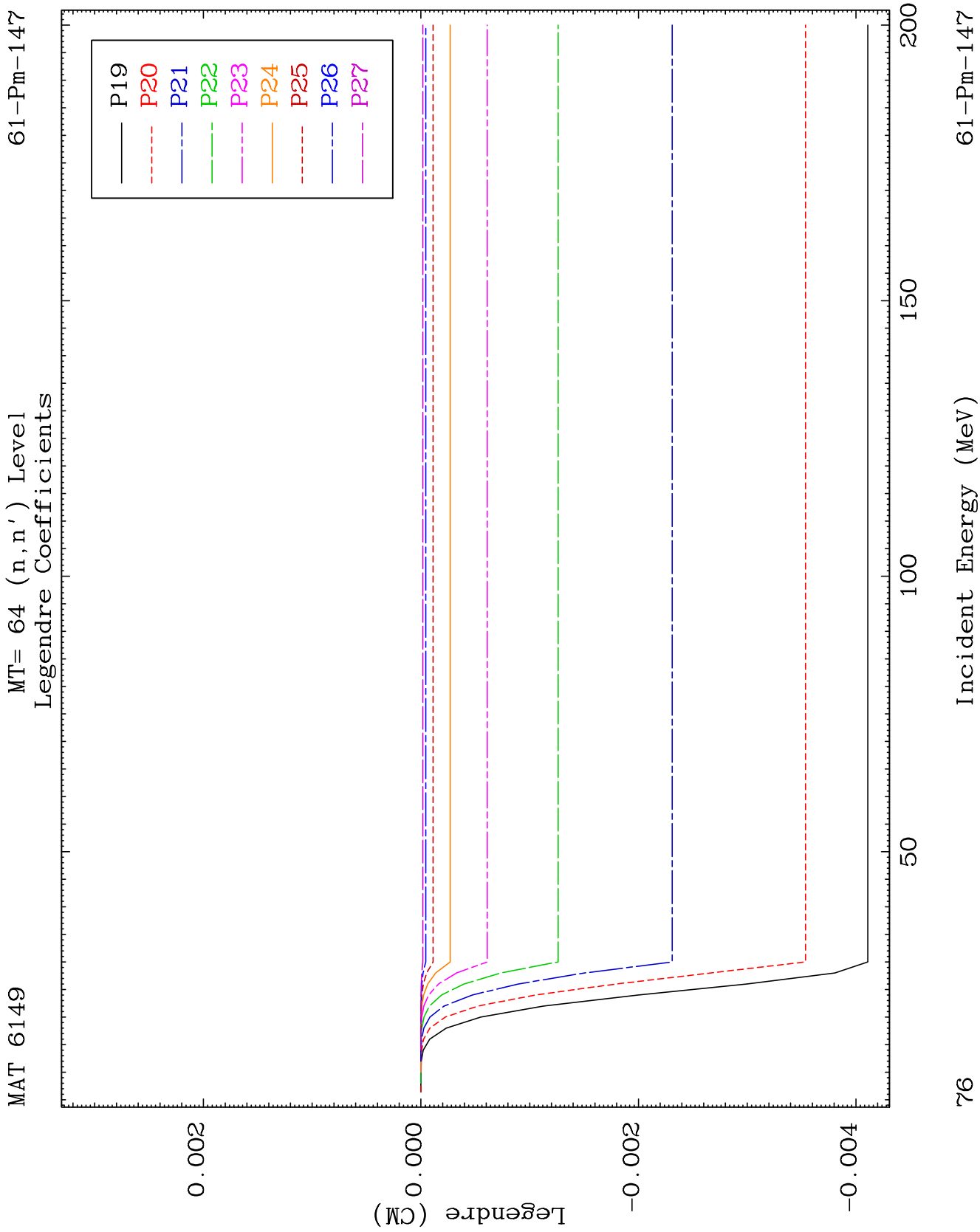
MAT 6149

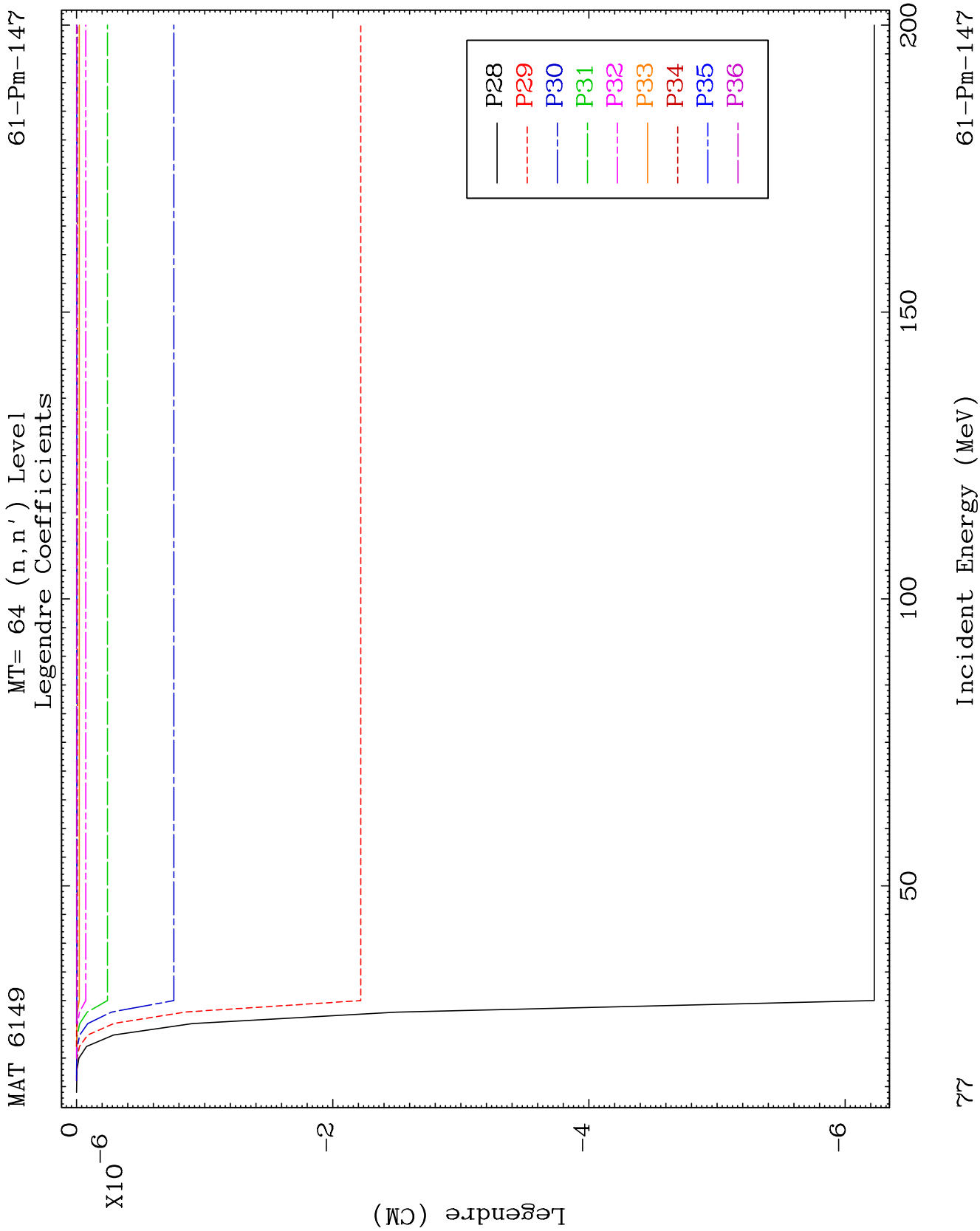
MT= 64 (n, n') Level
Legendre Coefficients

61-Pm-147





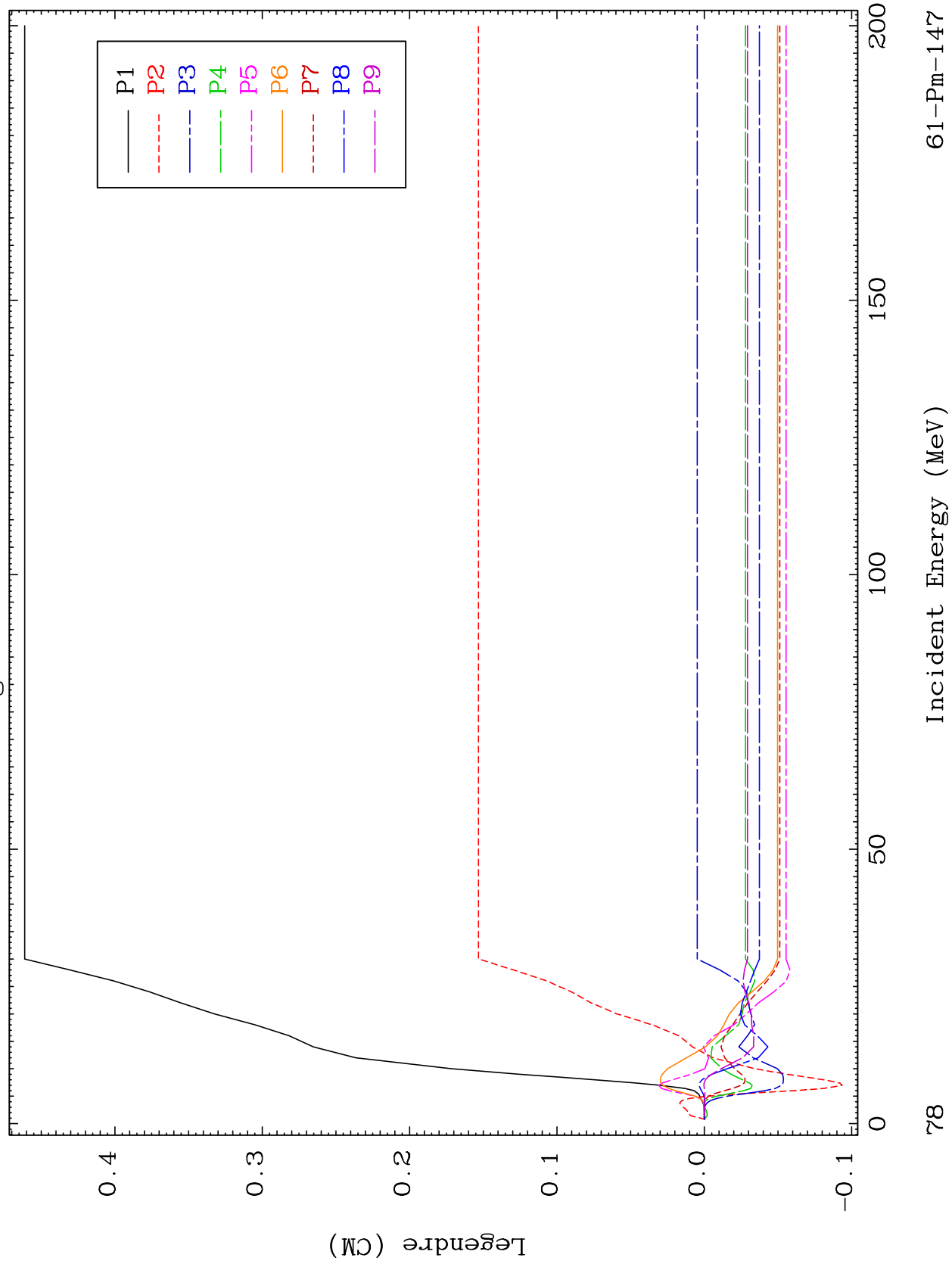


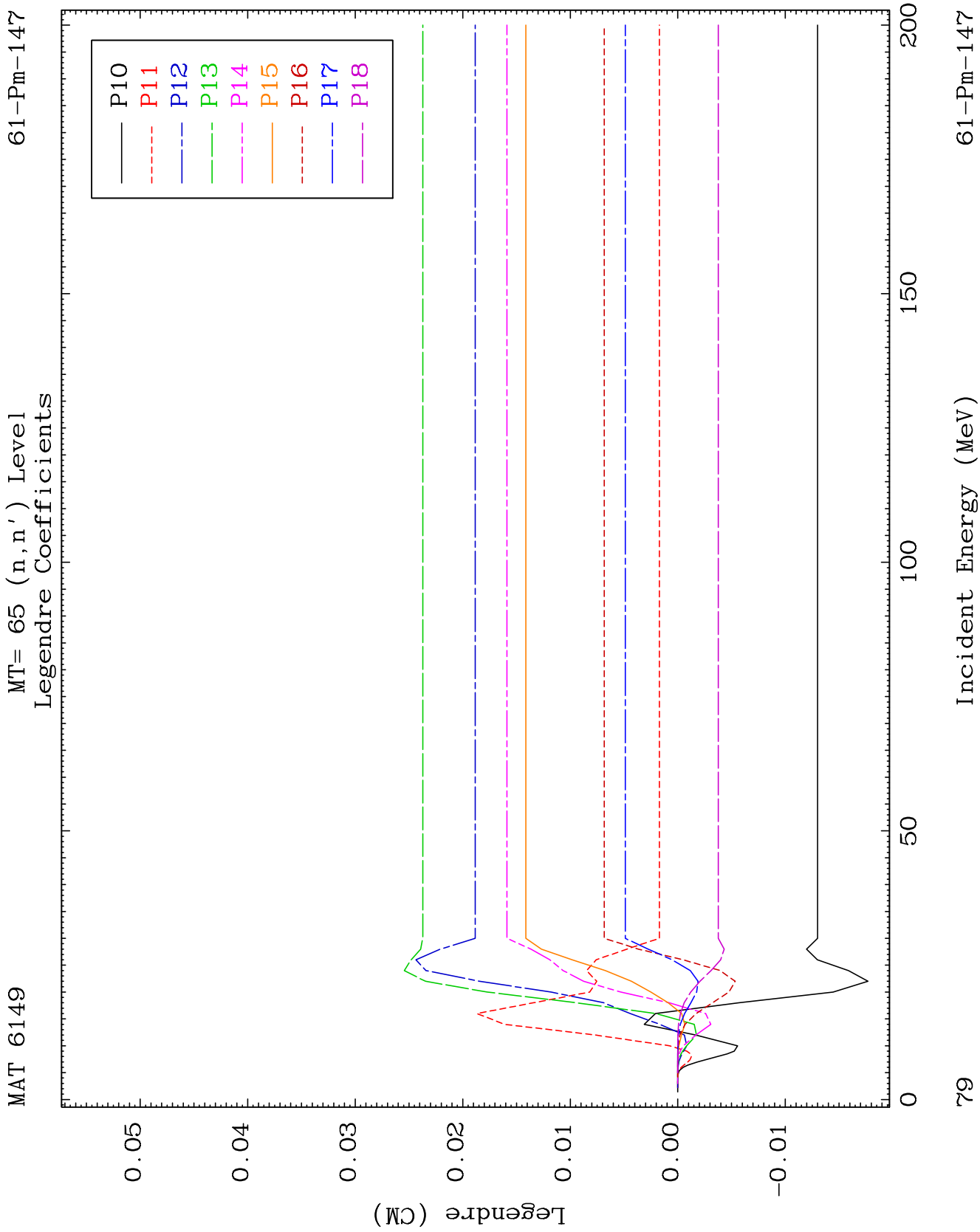


MAT 6149

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

61-Pm-147

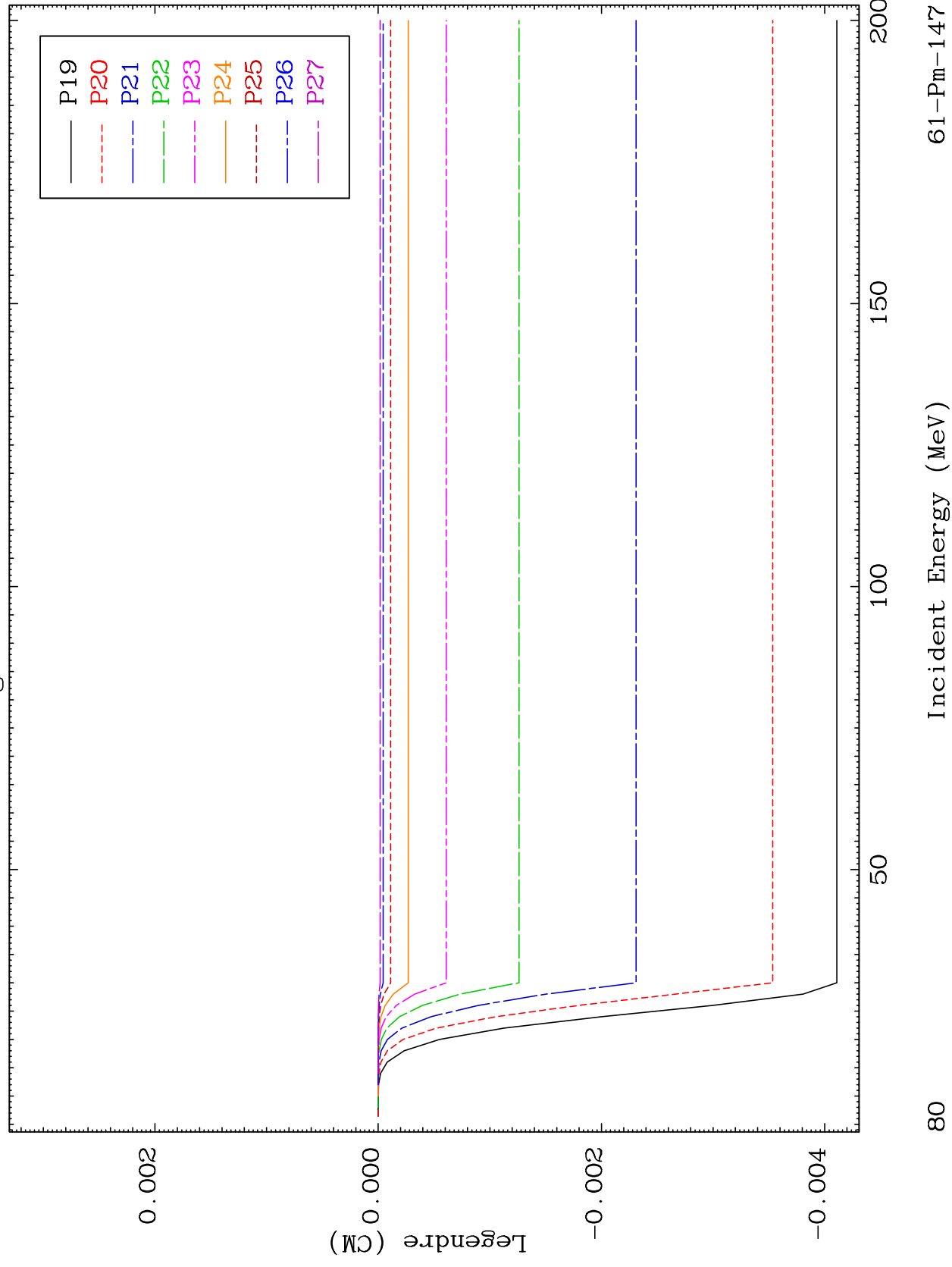


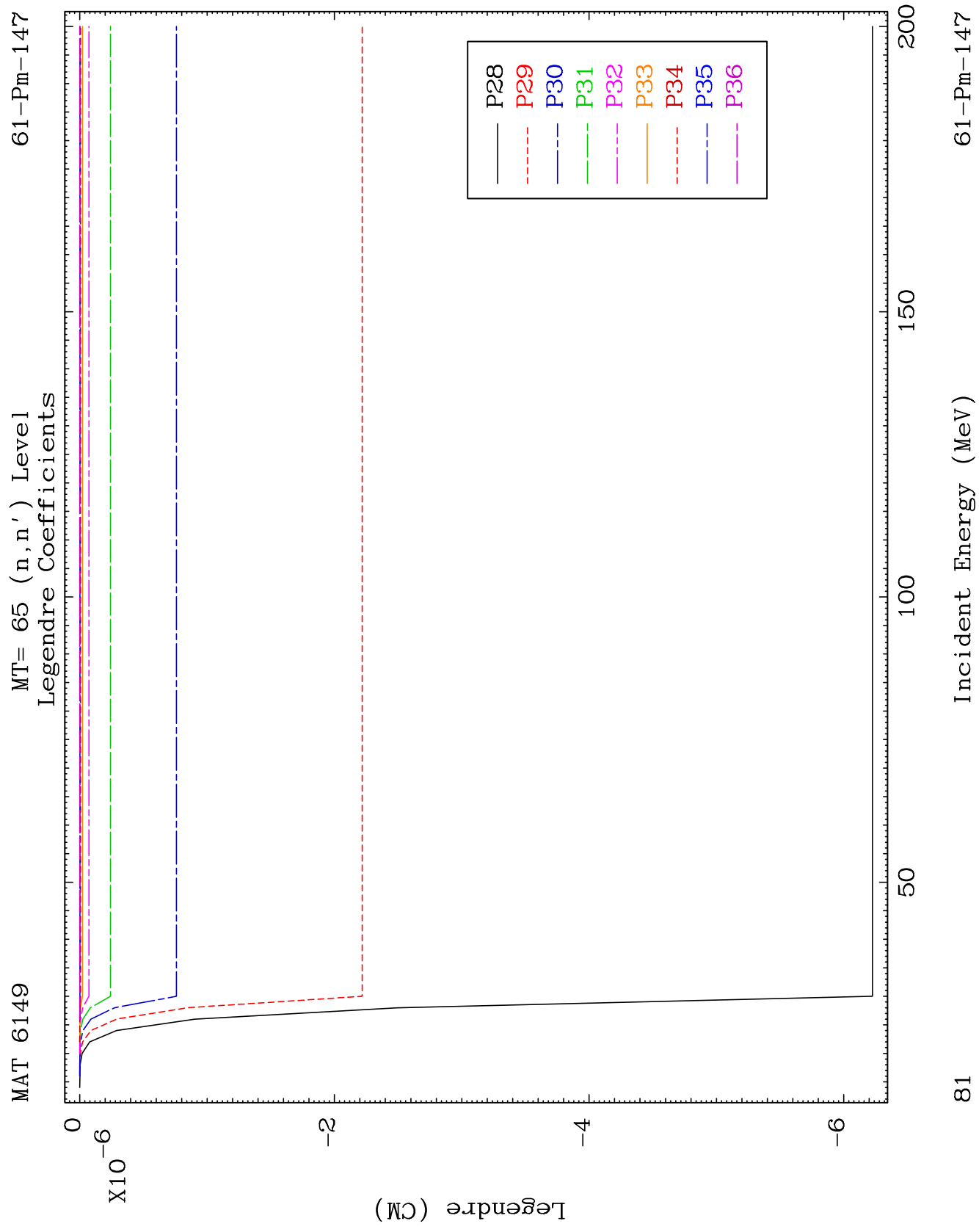


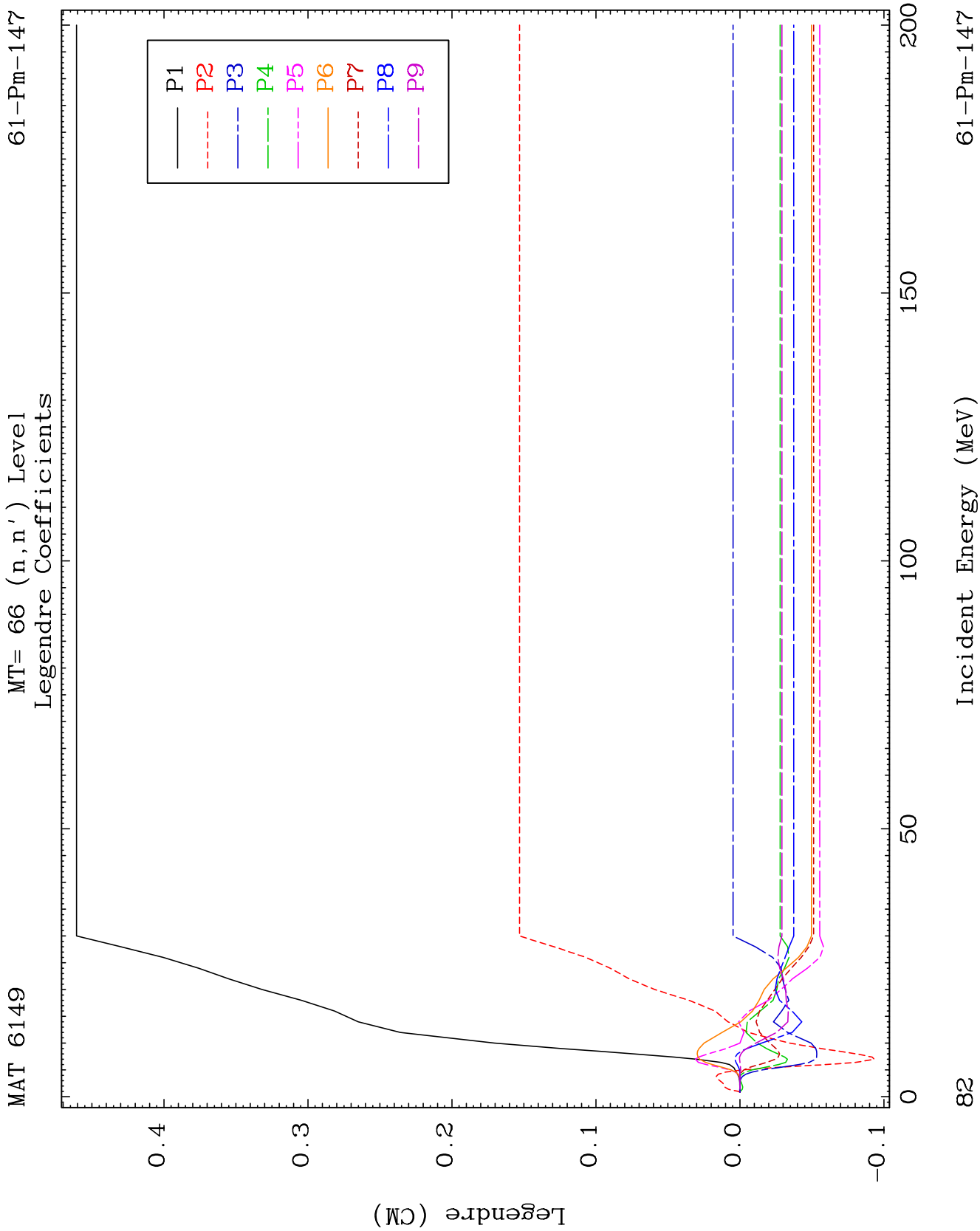
MAT 6149

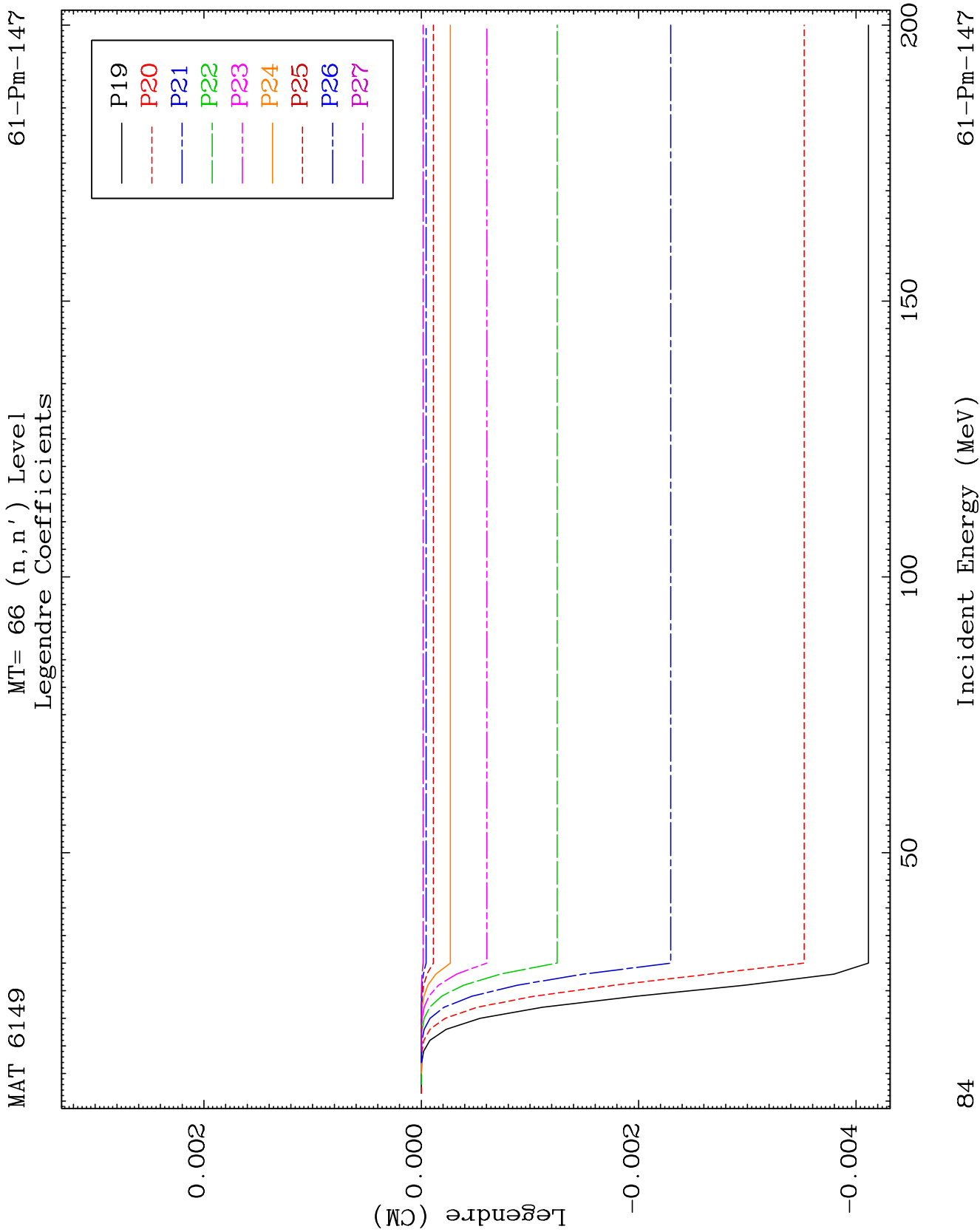
MT= 65 (n, n') Level
Legendre Coefficients

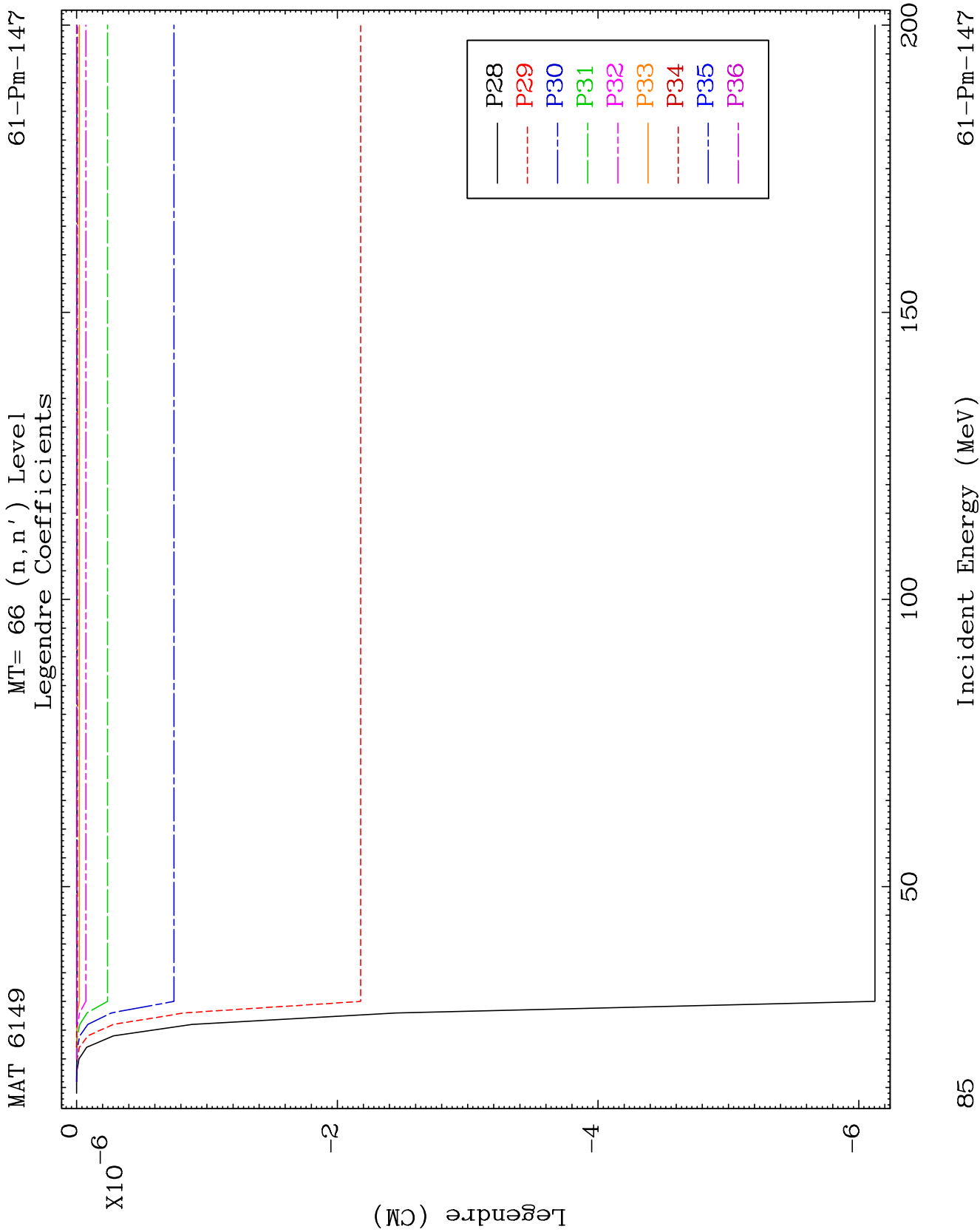
61-Pm-147

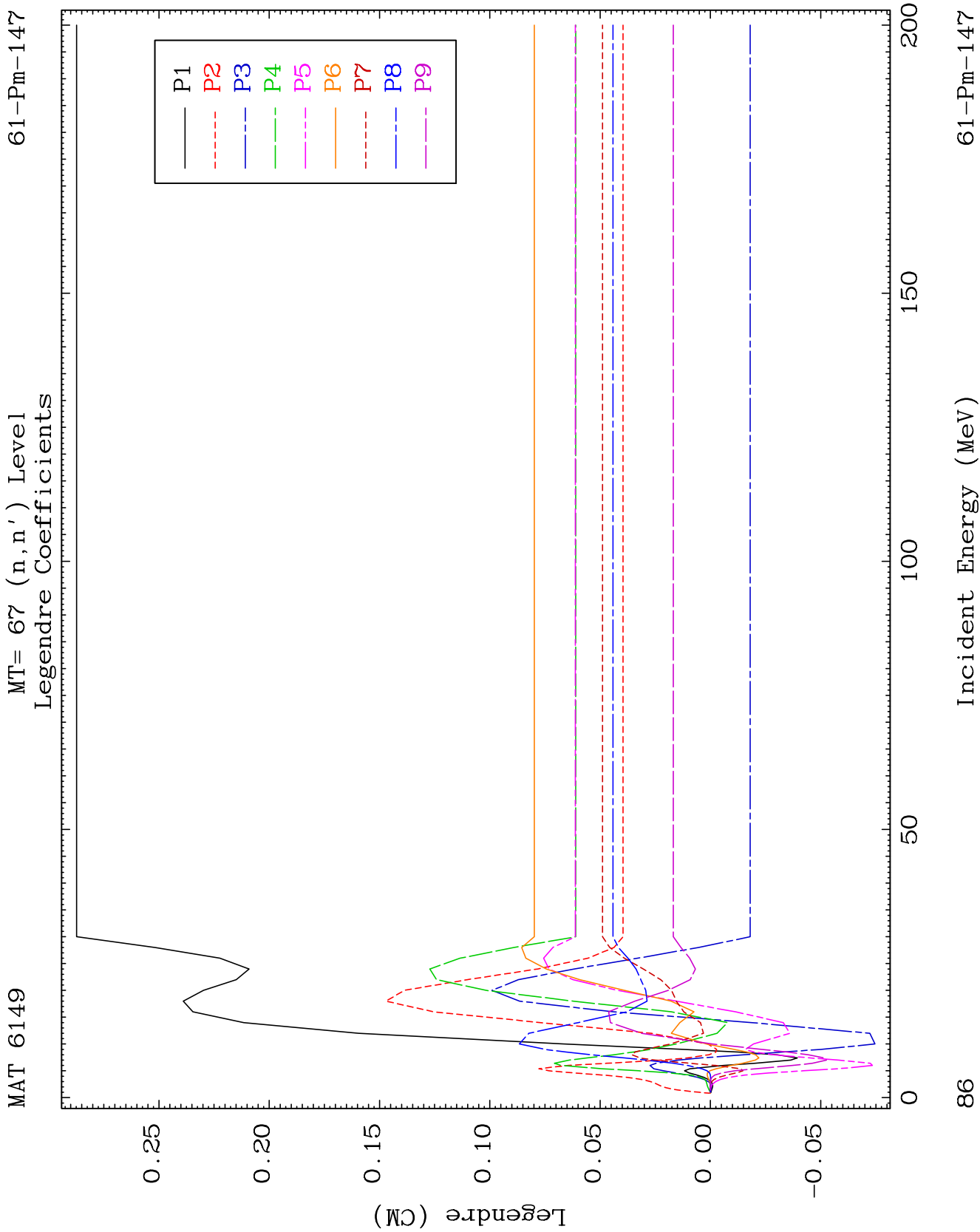


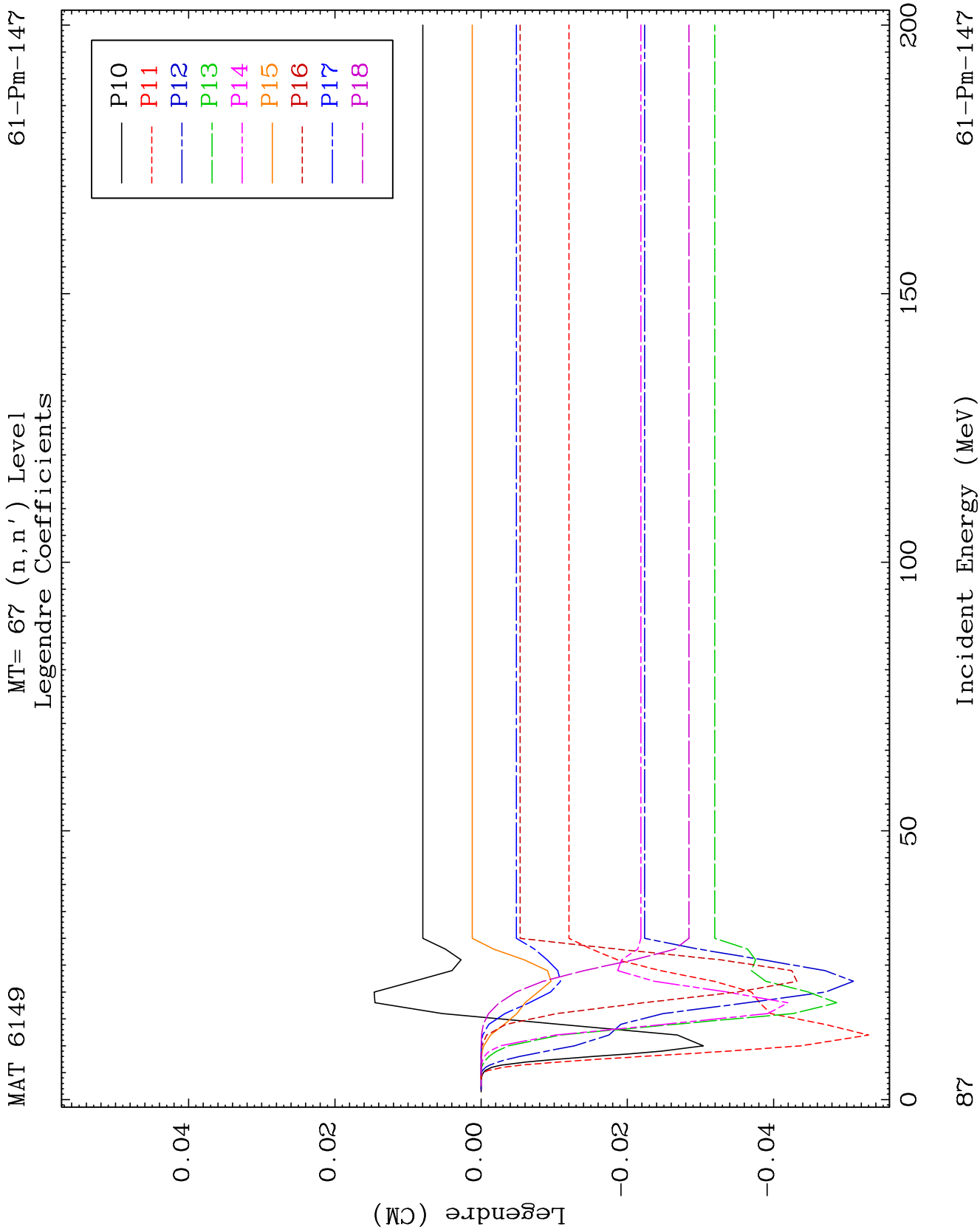


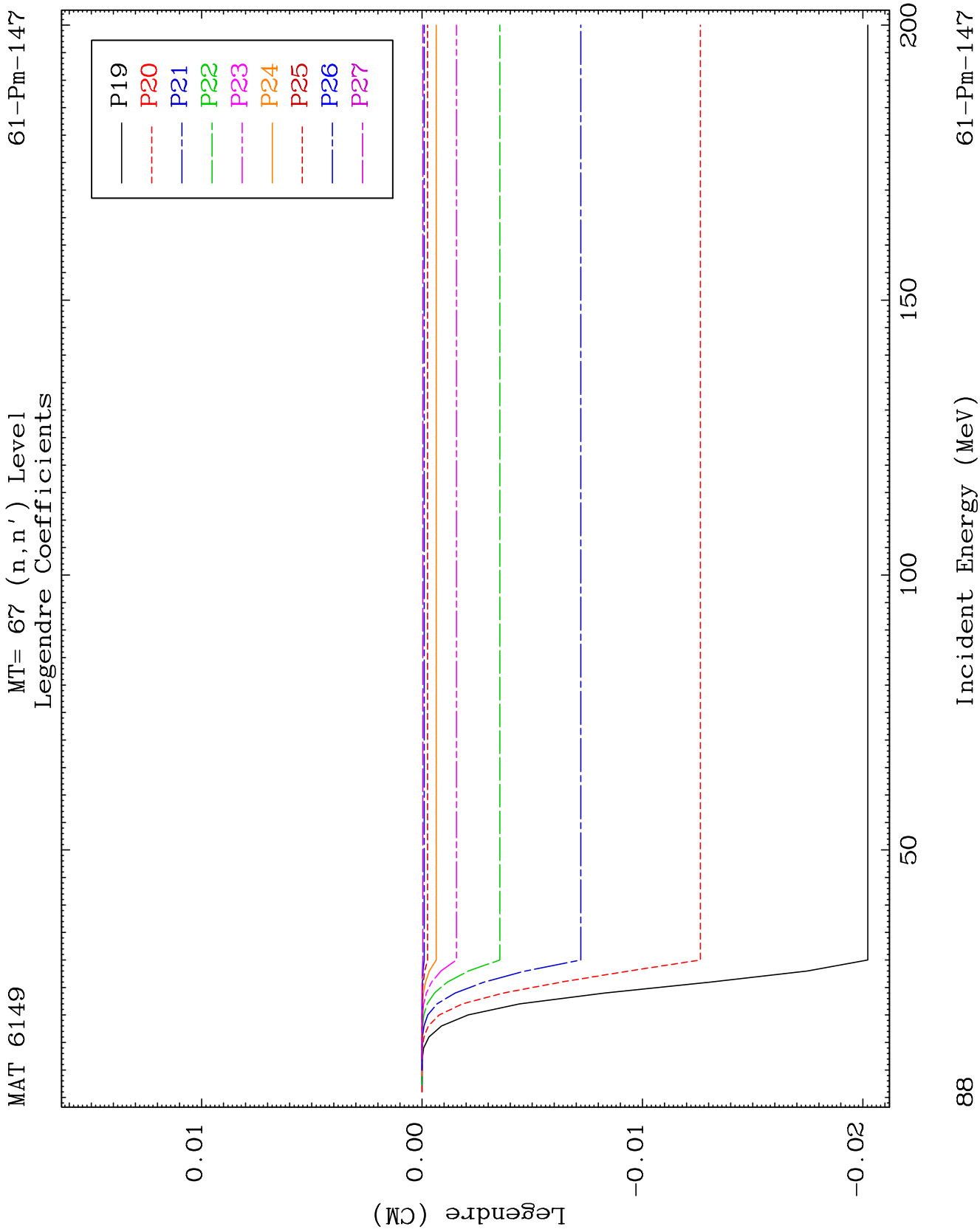


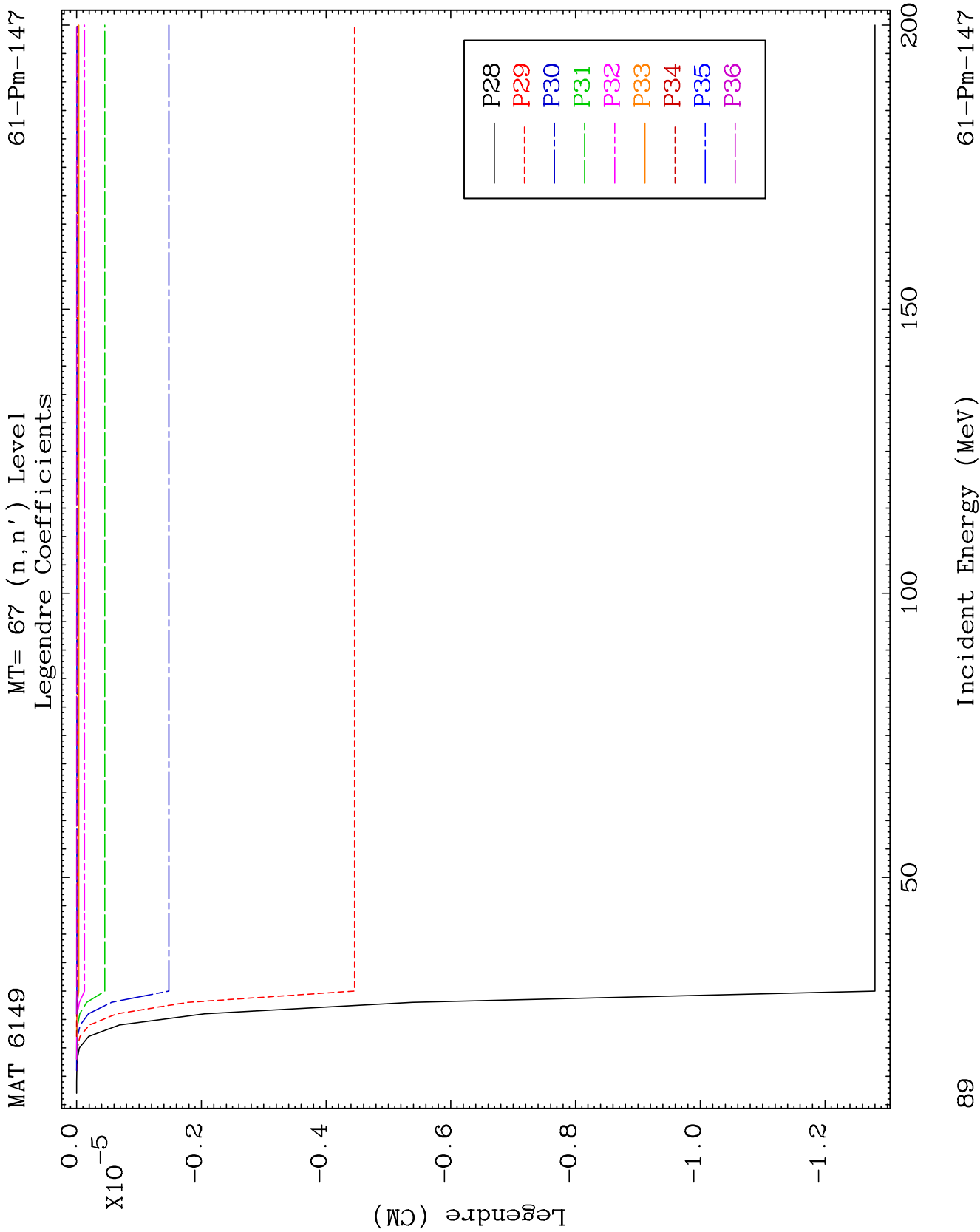








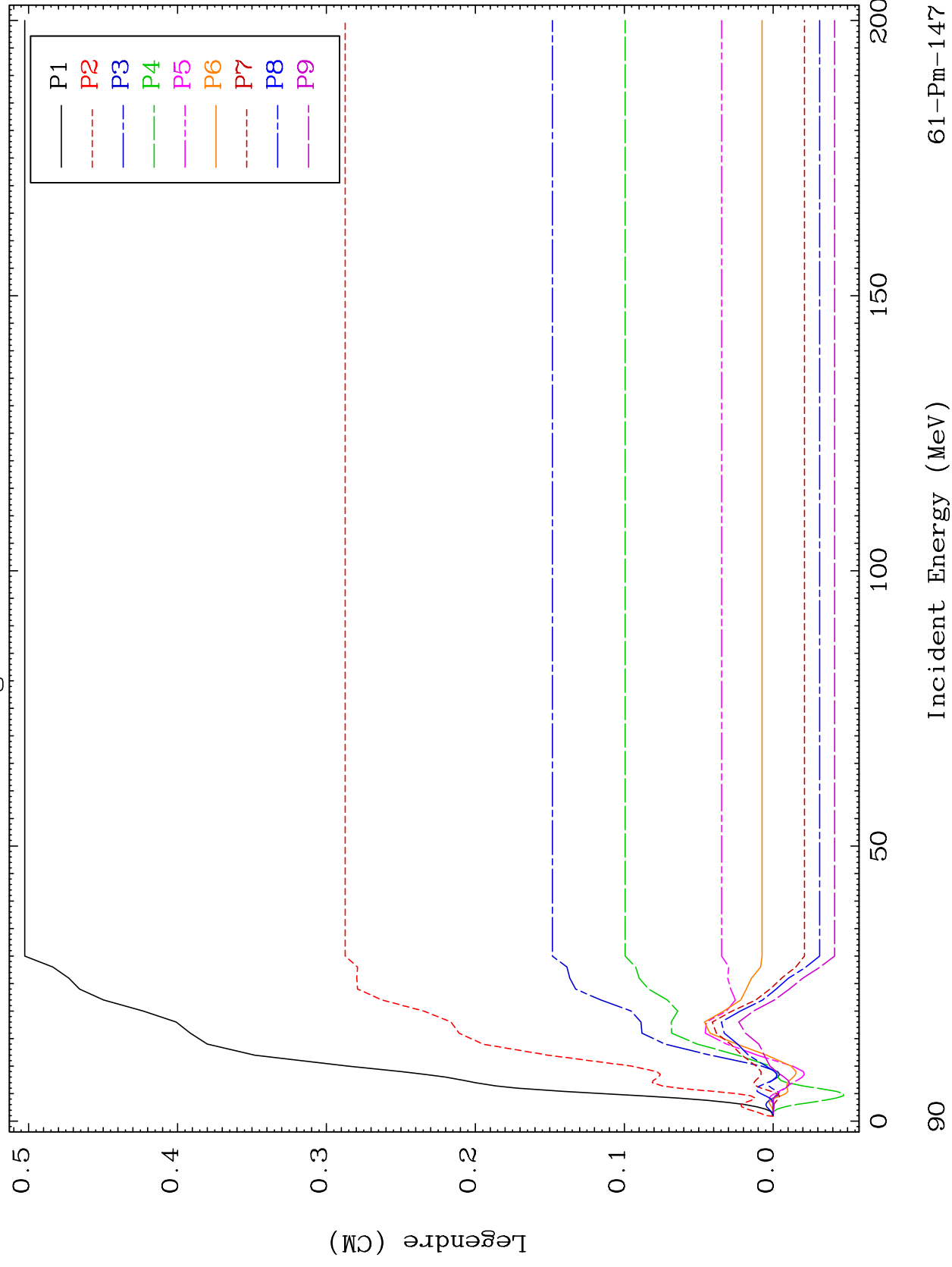


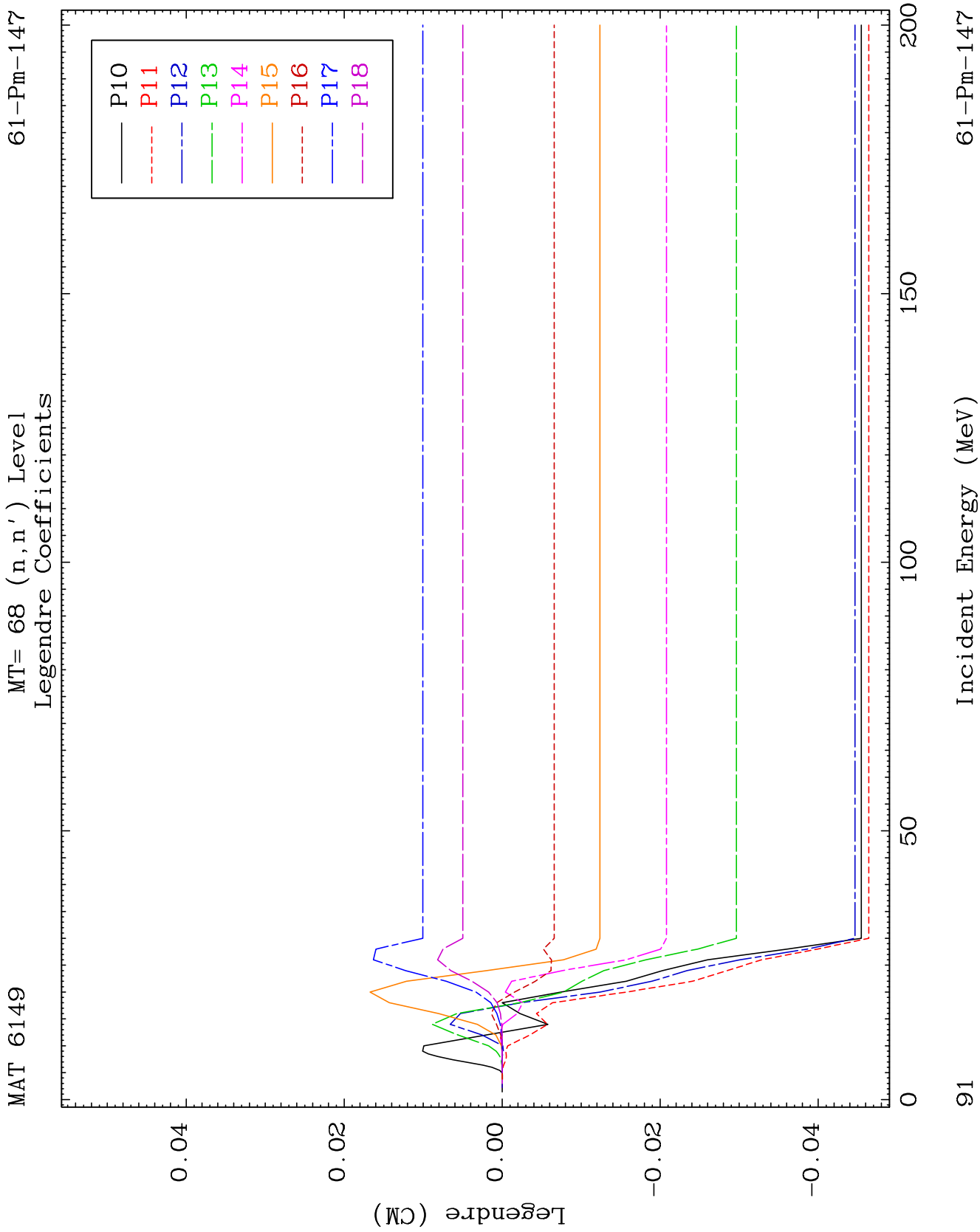


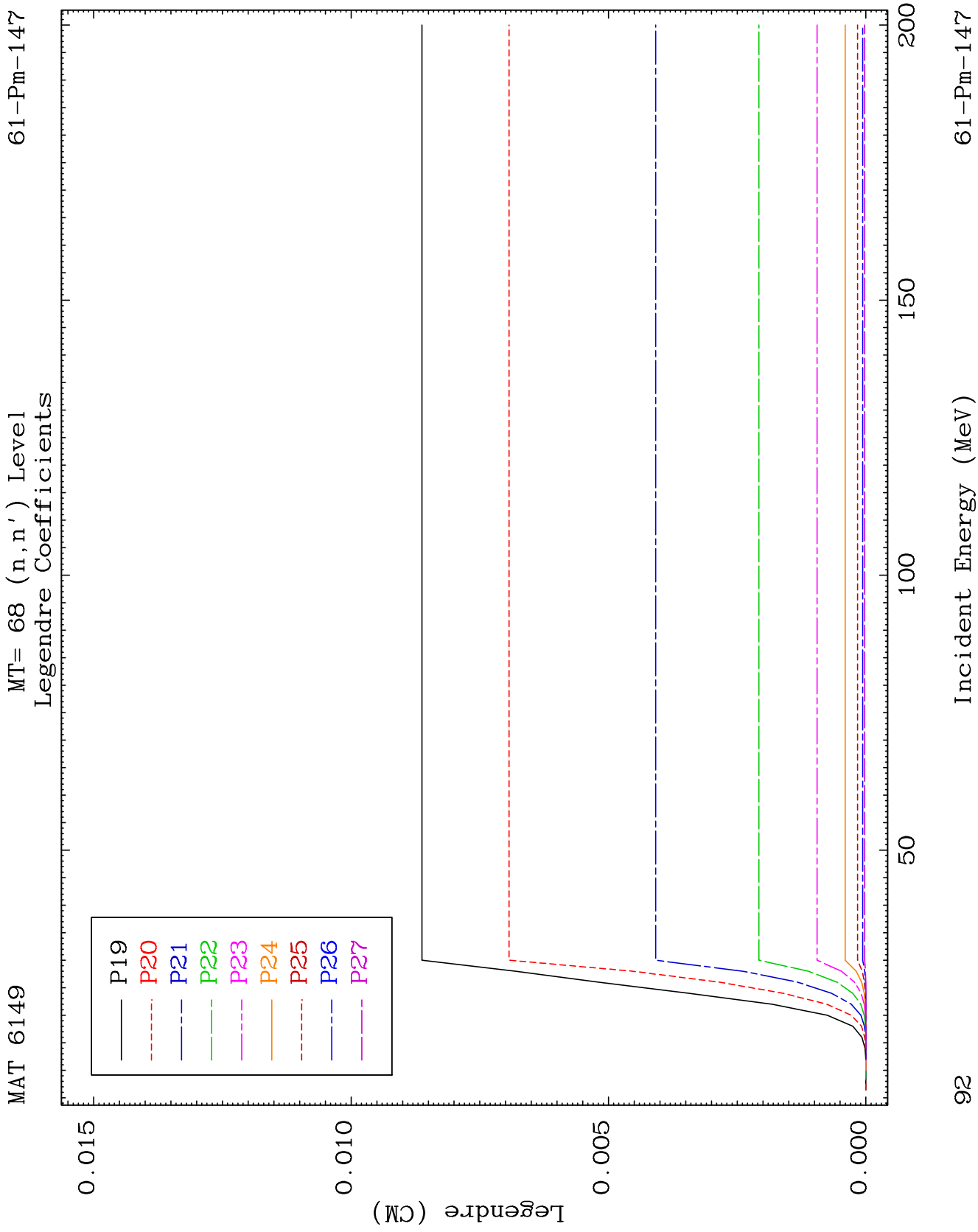
MAT 6149

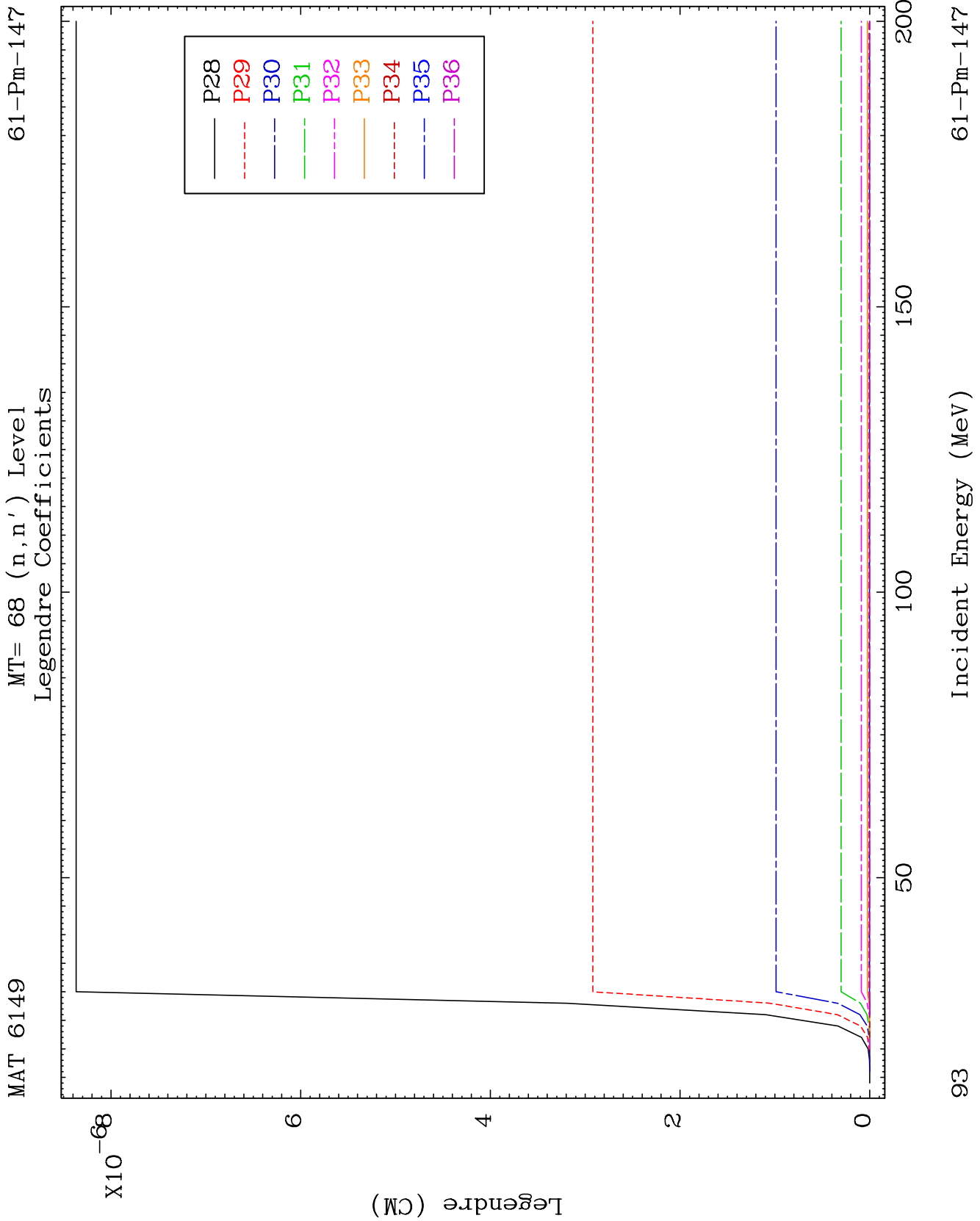
MT= 68 (n, n') Level
Legendre Coefficients

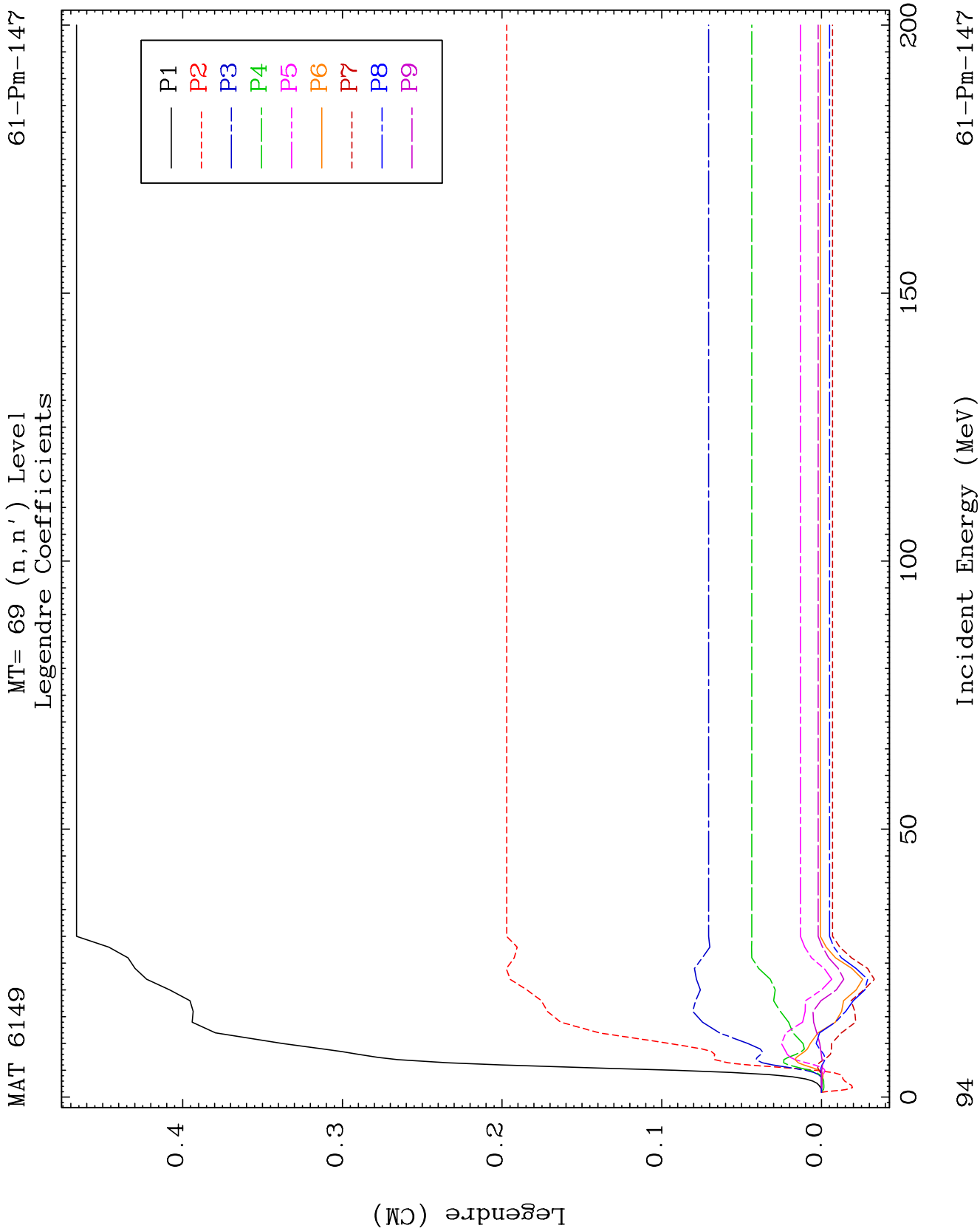
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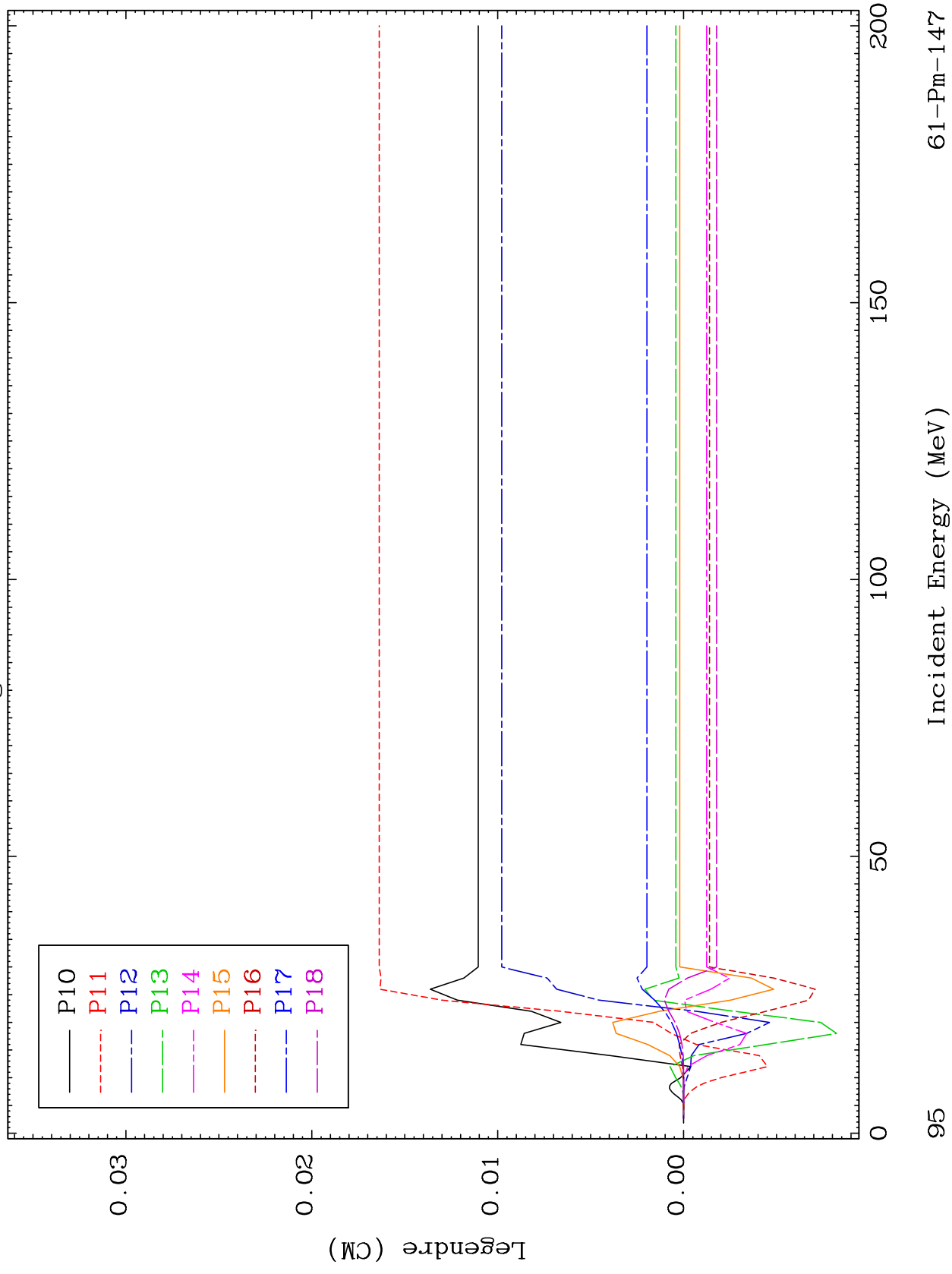


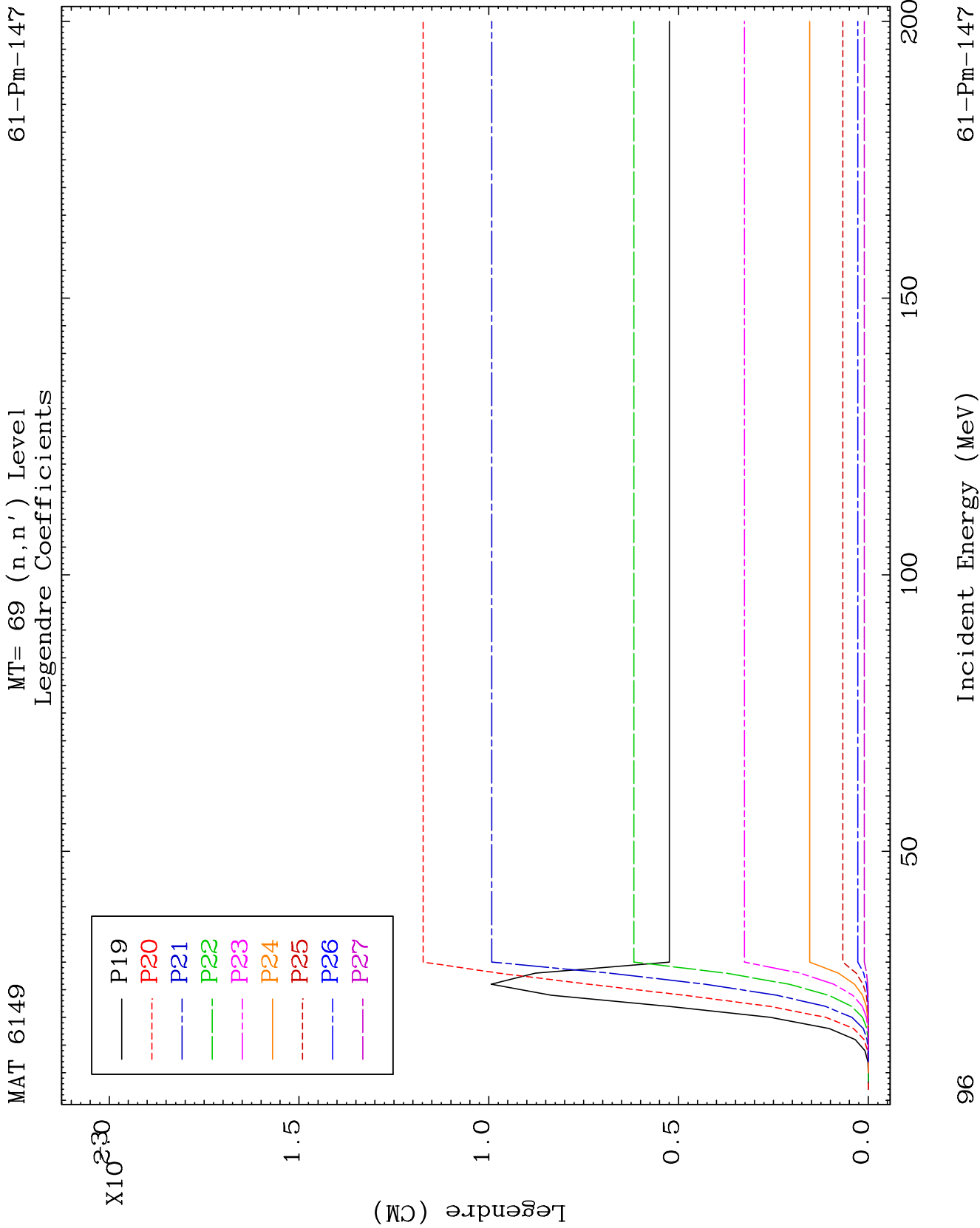


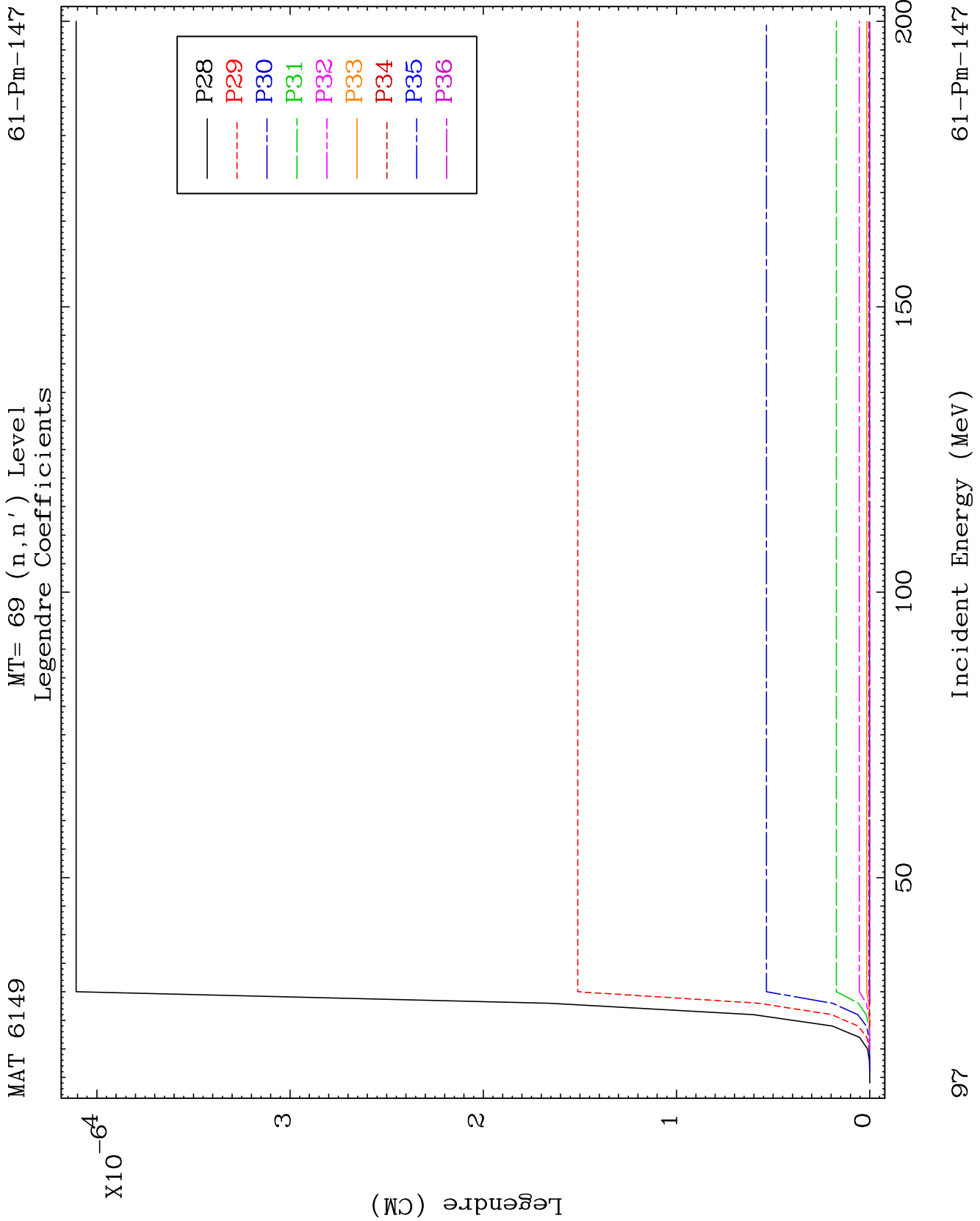
MAT 6149

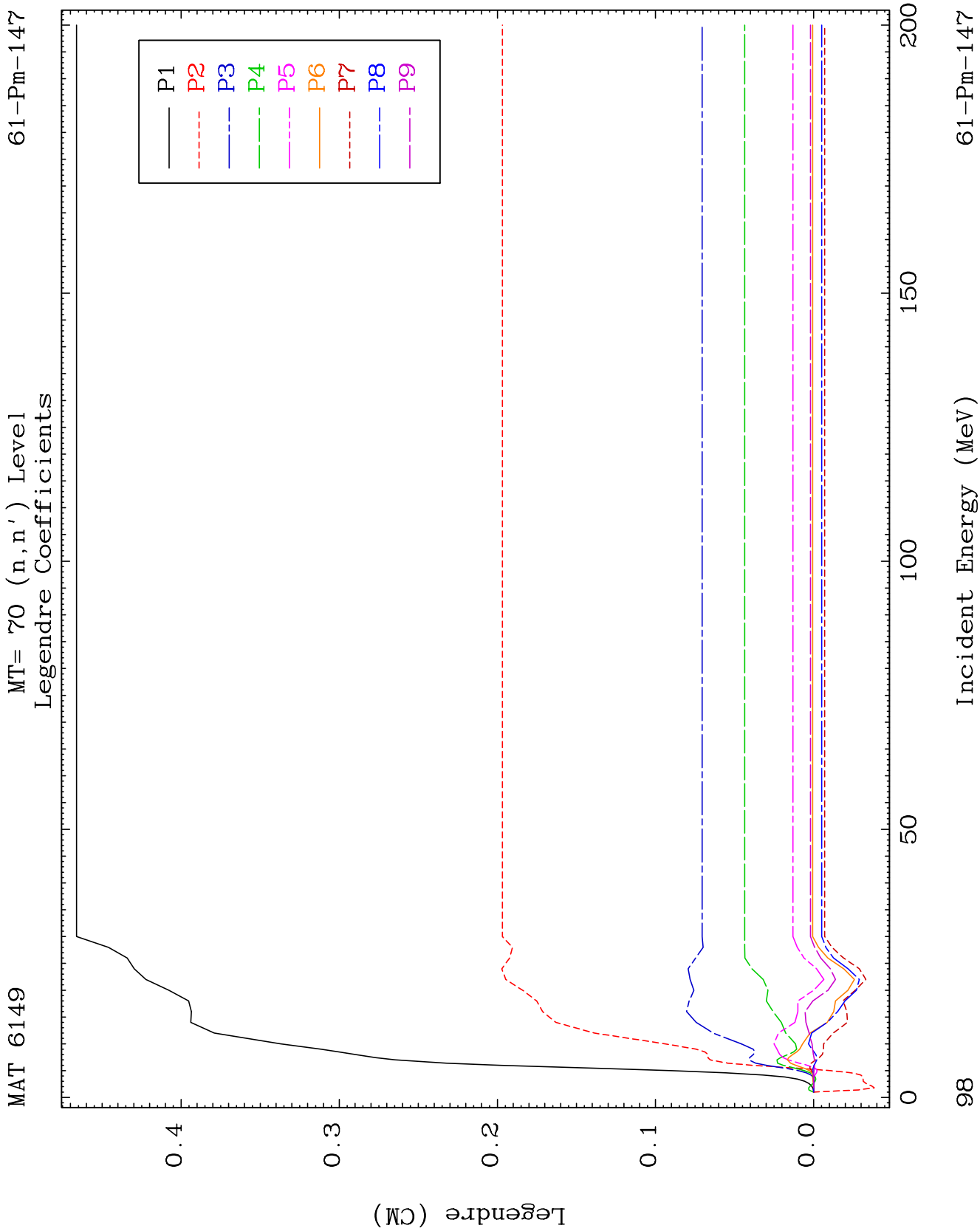
MT= 69 (n, n') Level
Legendre Coefficients

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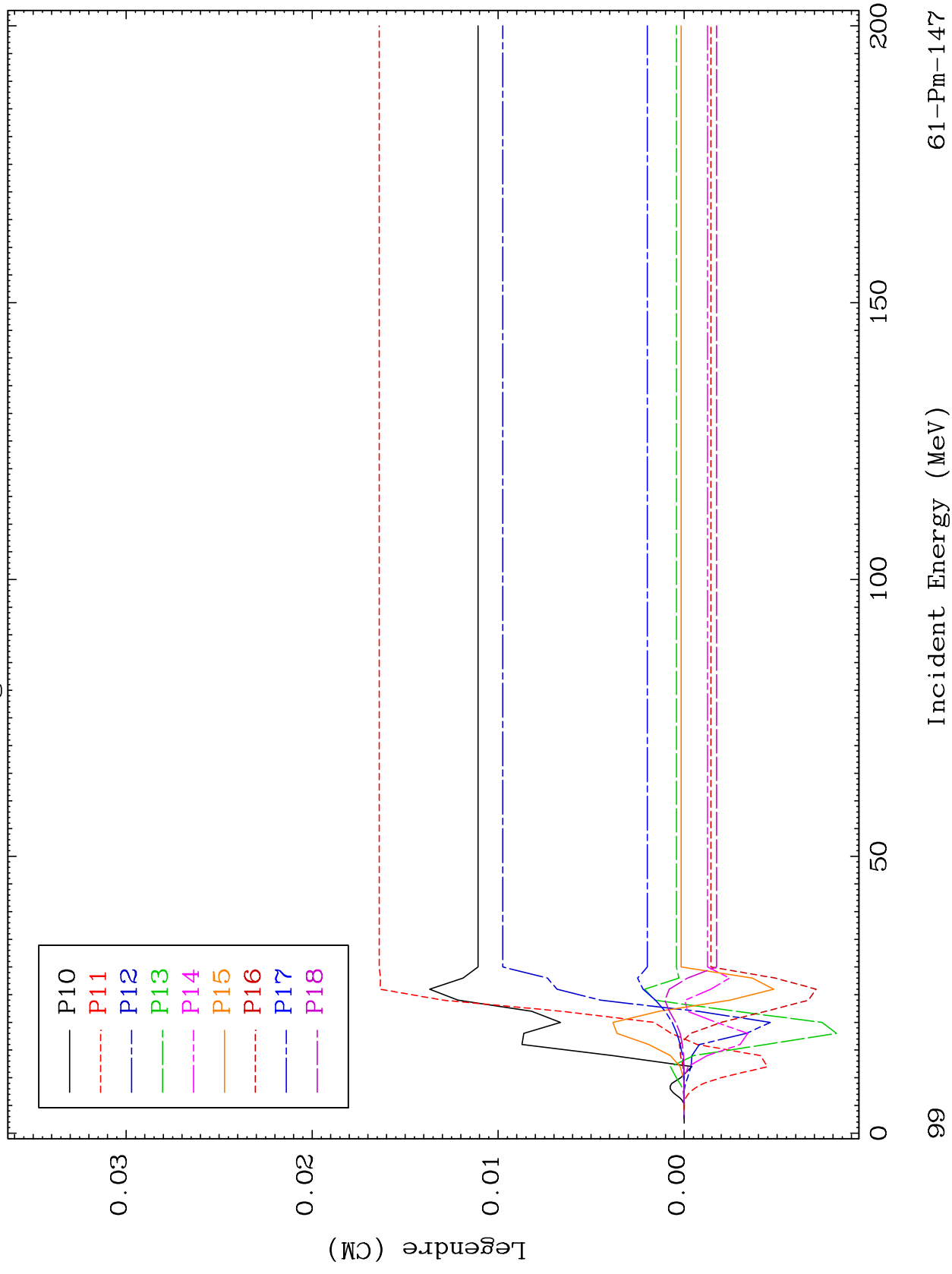




MAT 6149

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

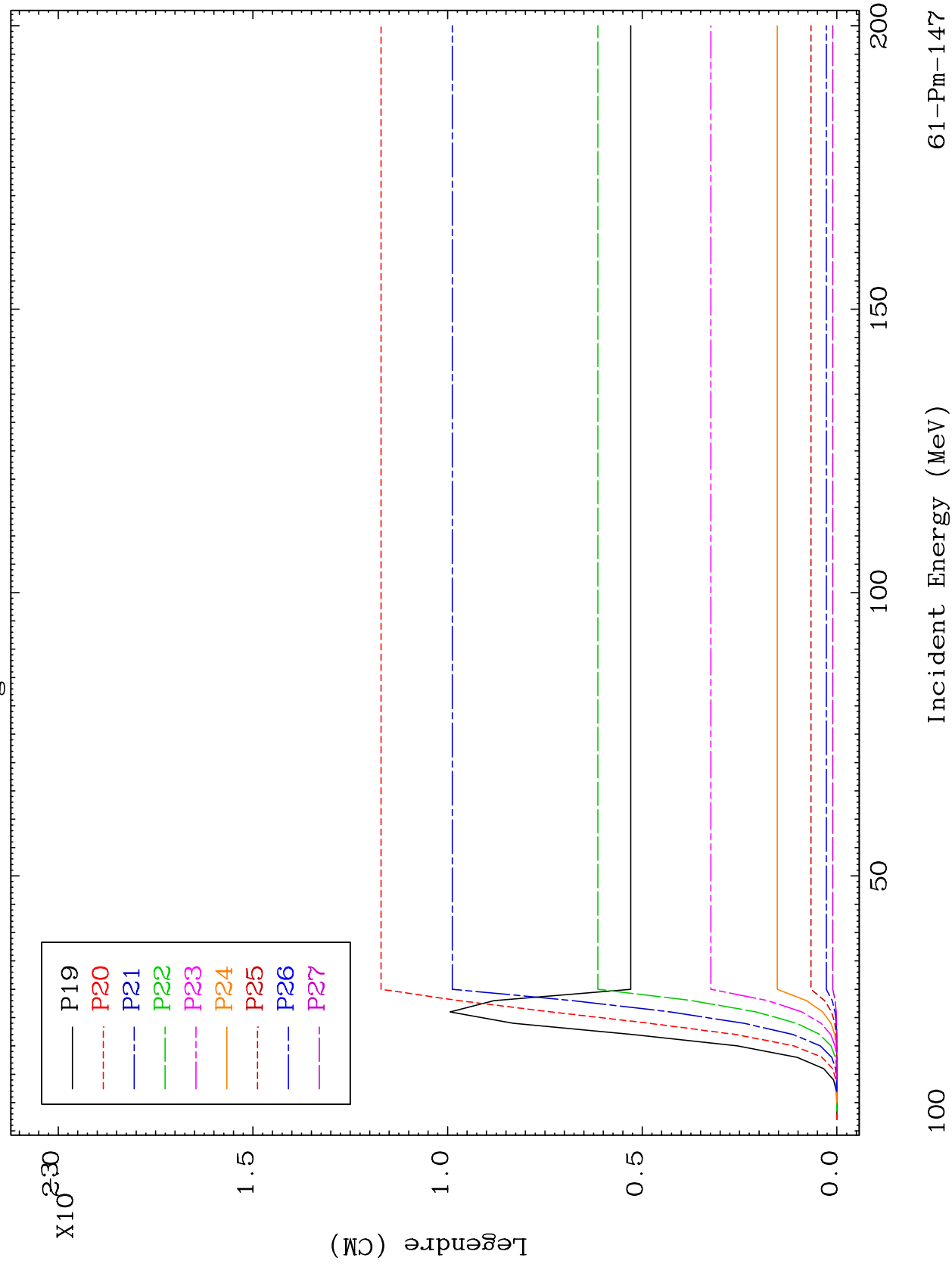
61-Pm-147

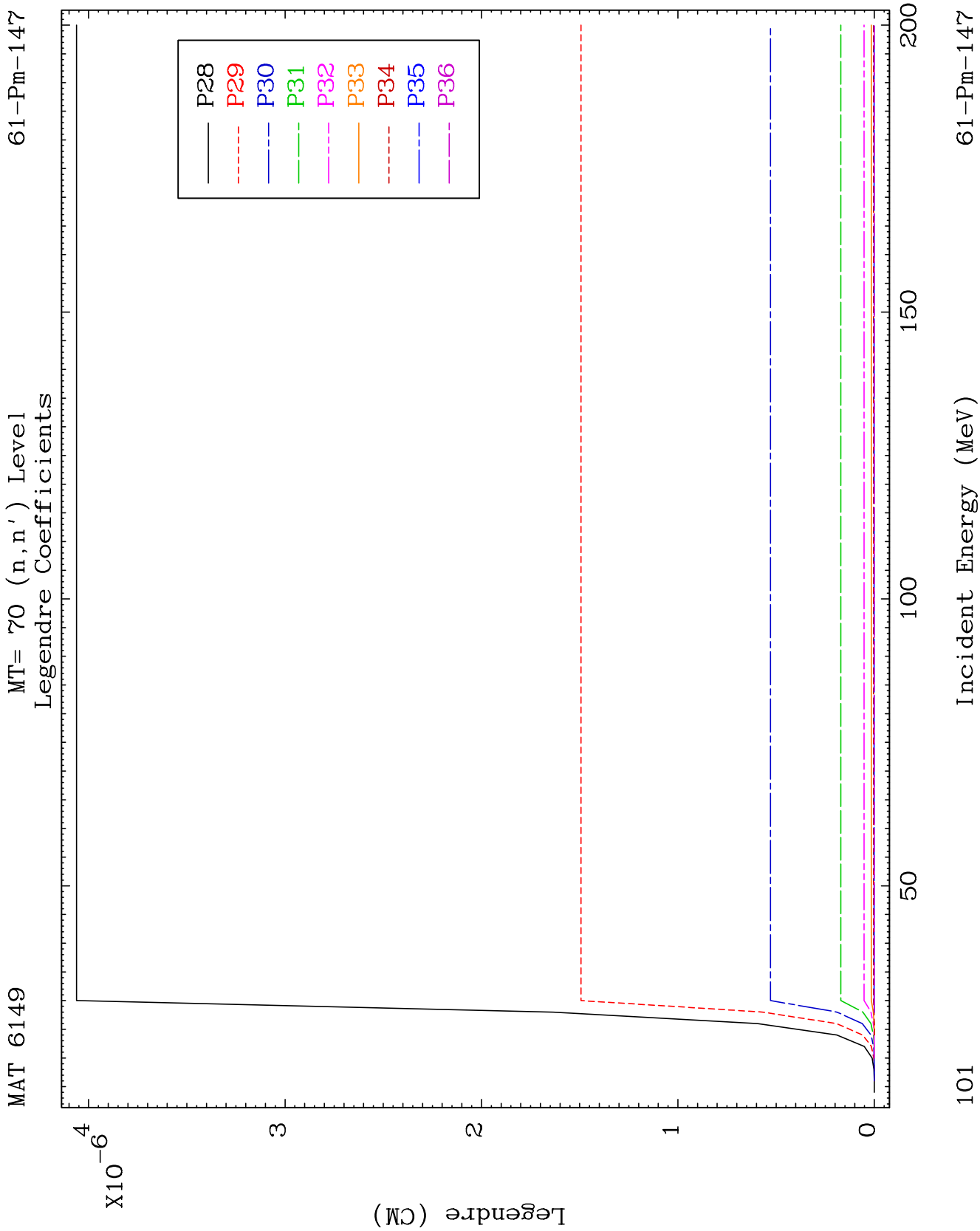


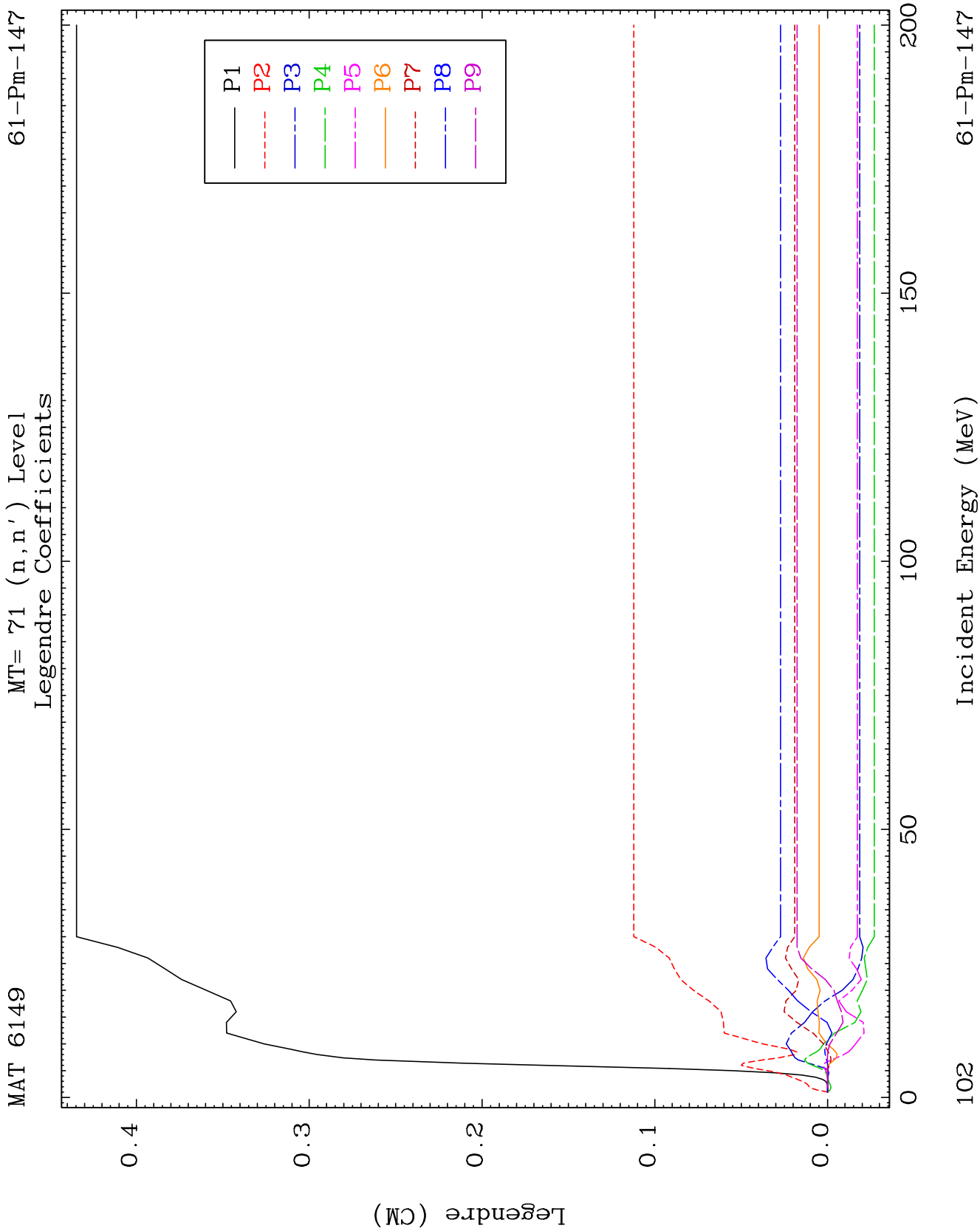
MAT 6149

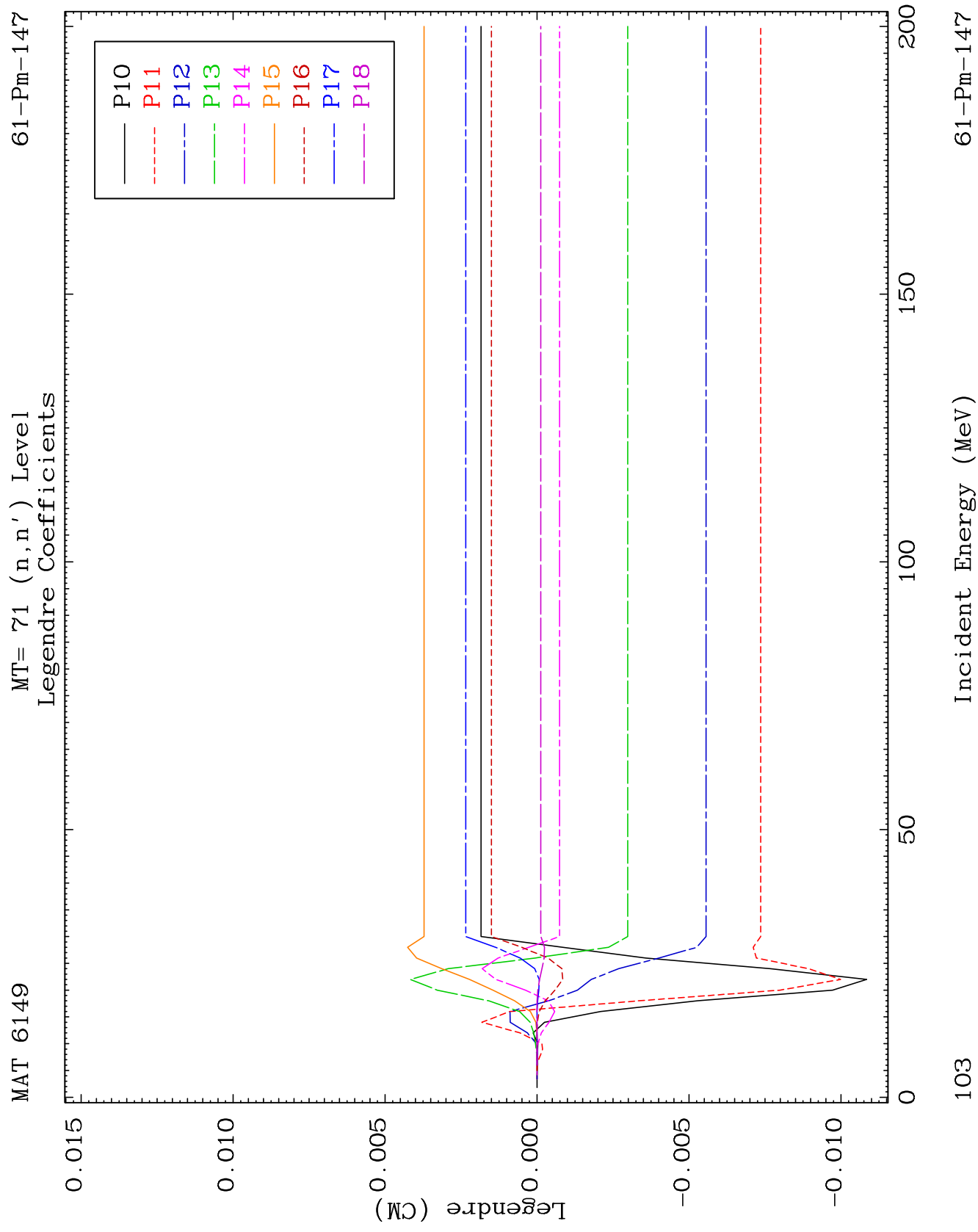
MT= 70 (n, n') Level
Legendre Coefficients

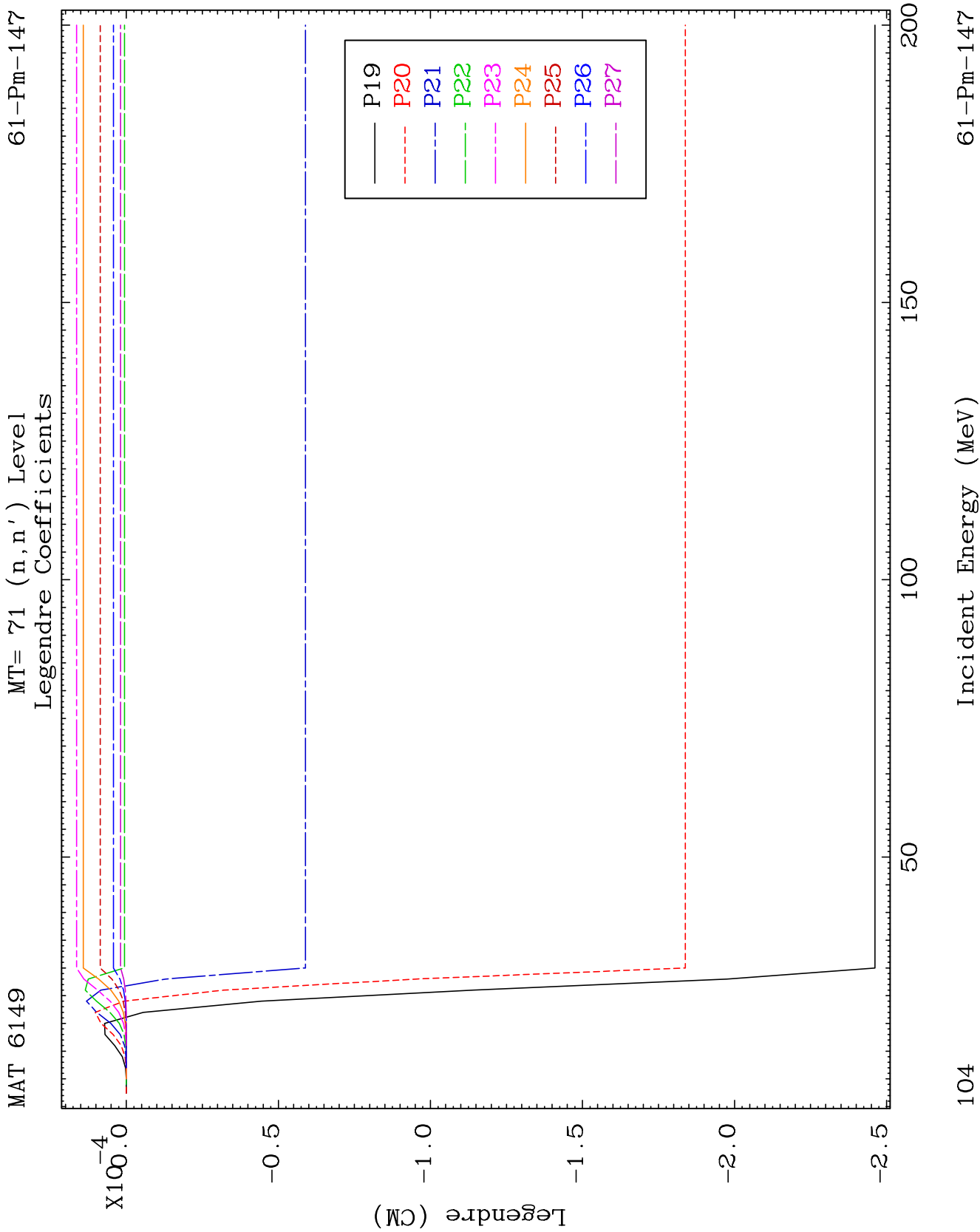
61-Pm-147







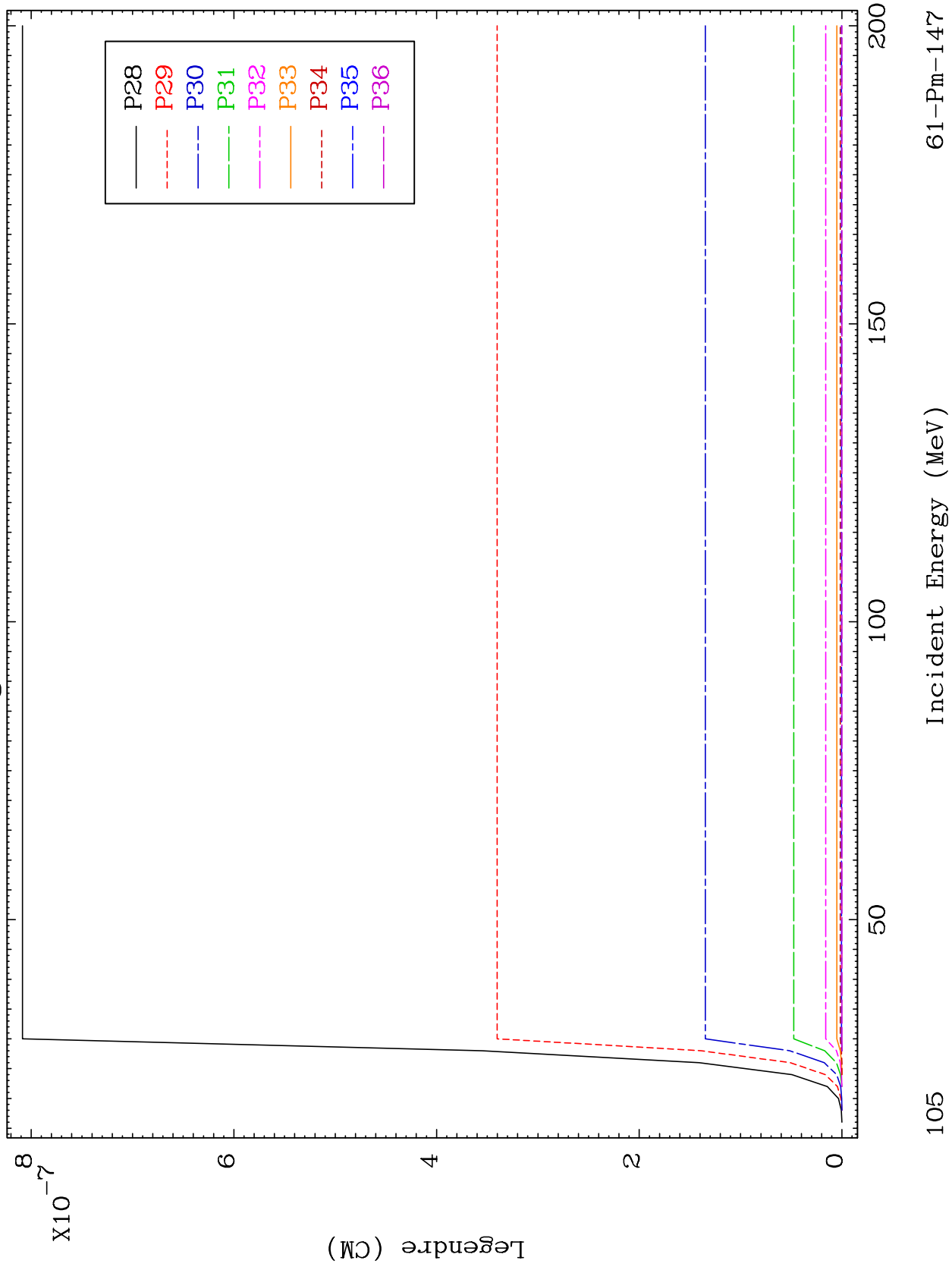




MAT 6149

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

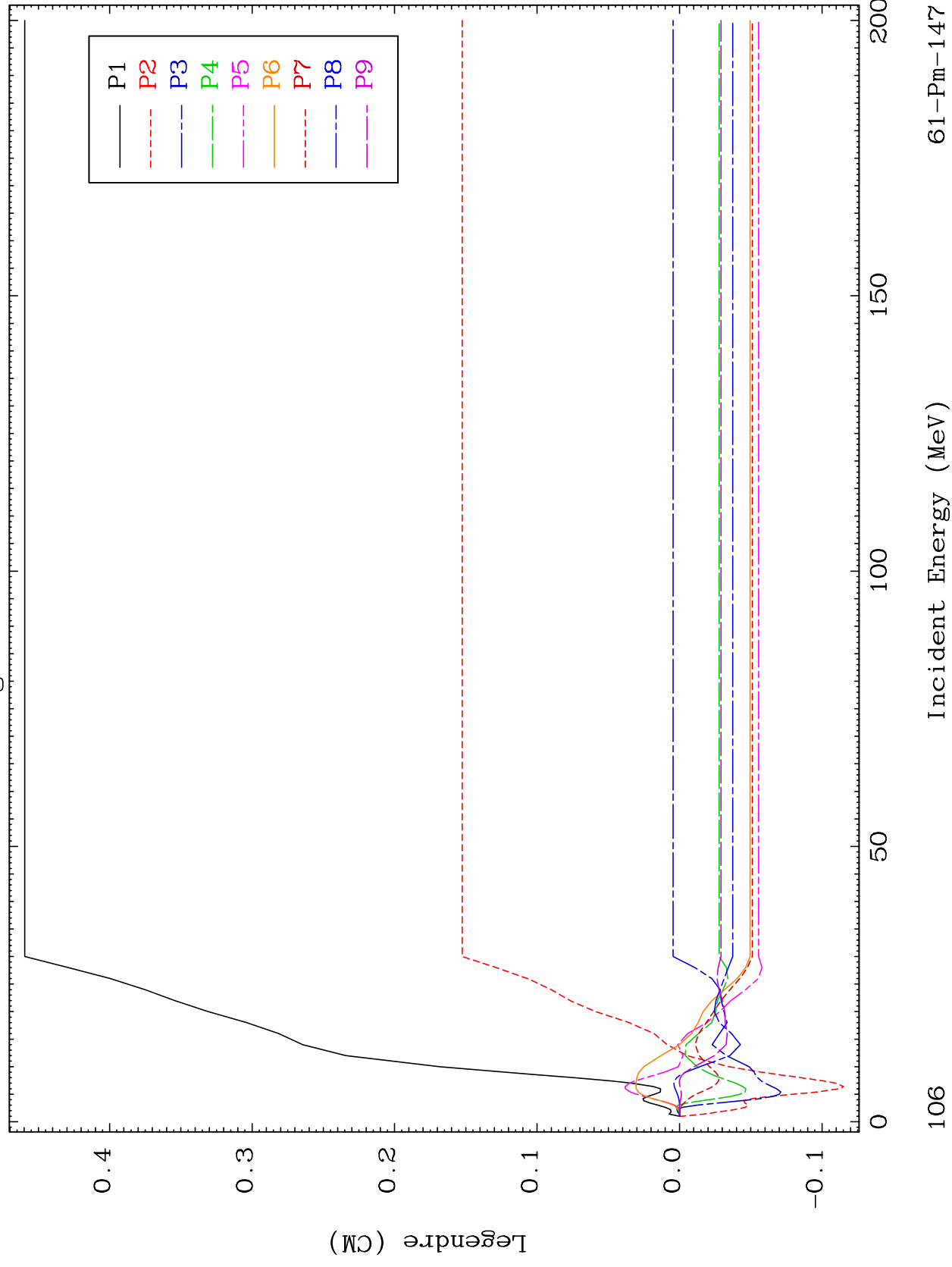
61-Pm-147



MAT 6149

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

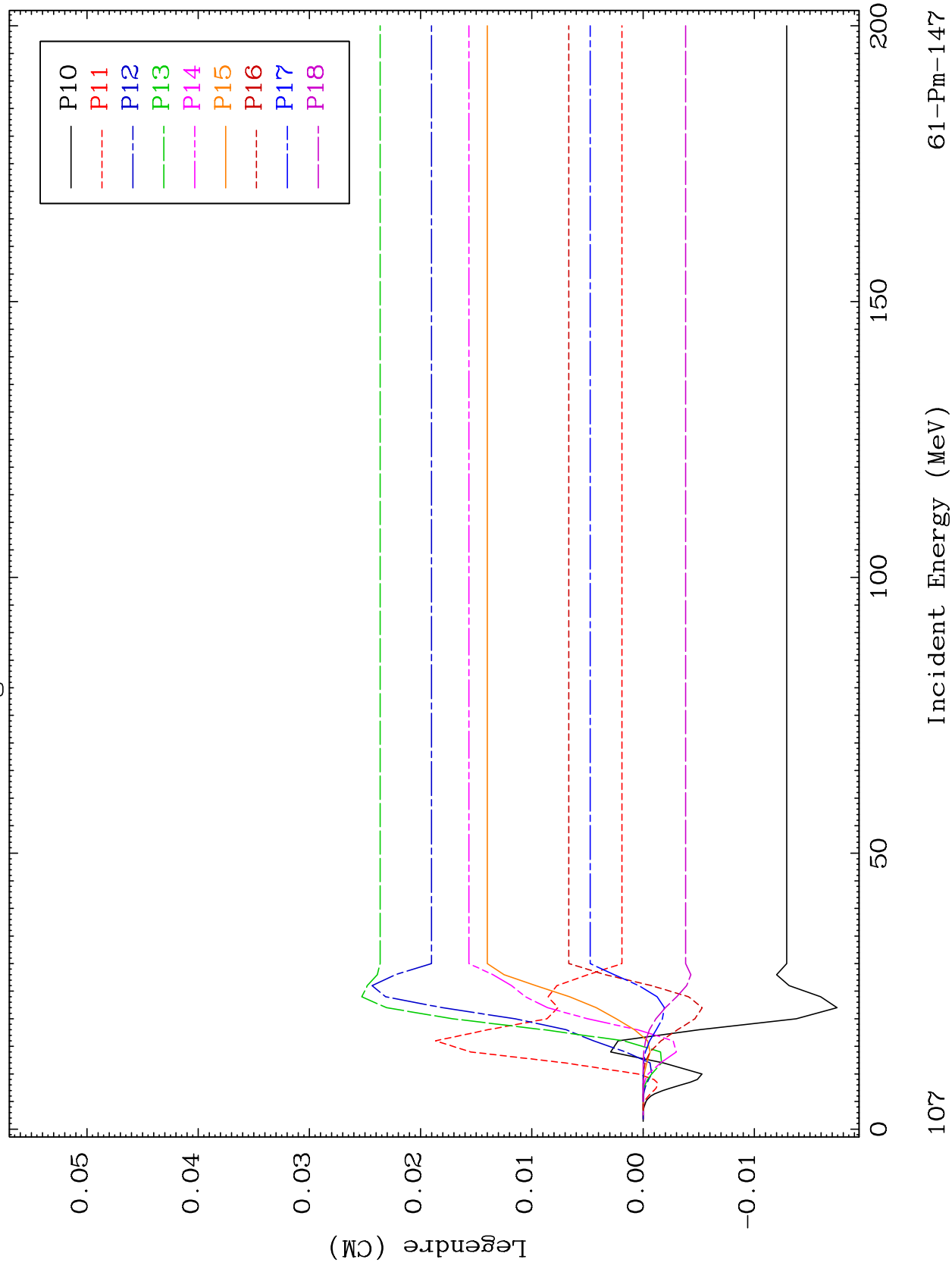
61-Pm-147



MAT 6149

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

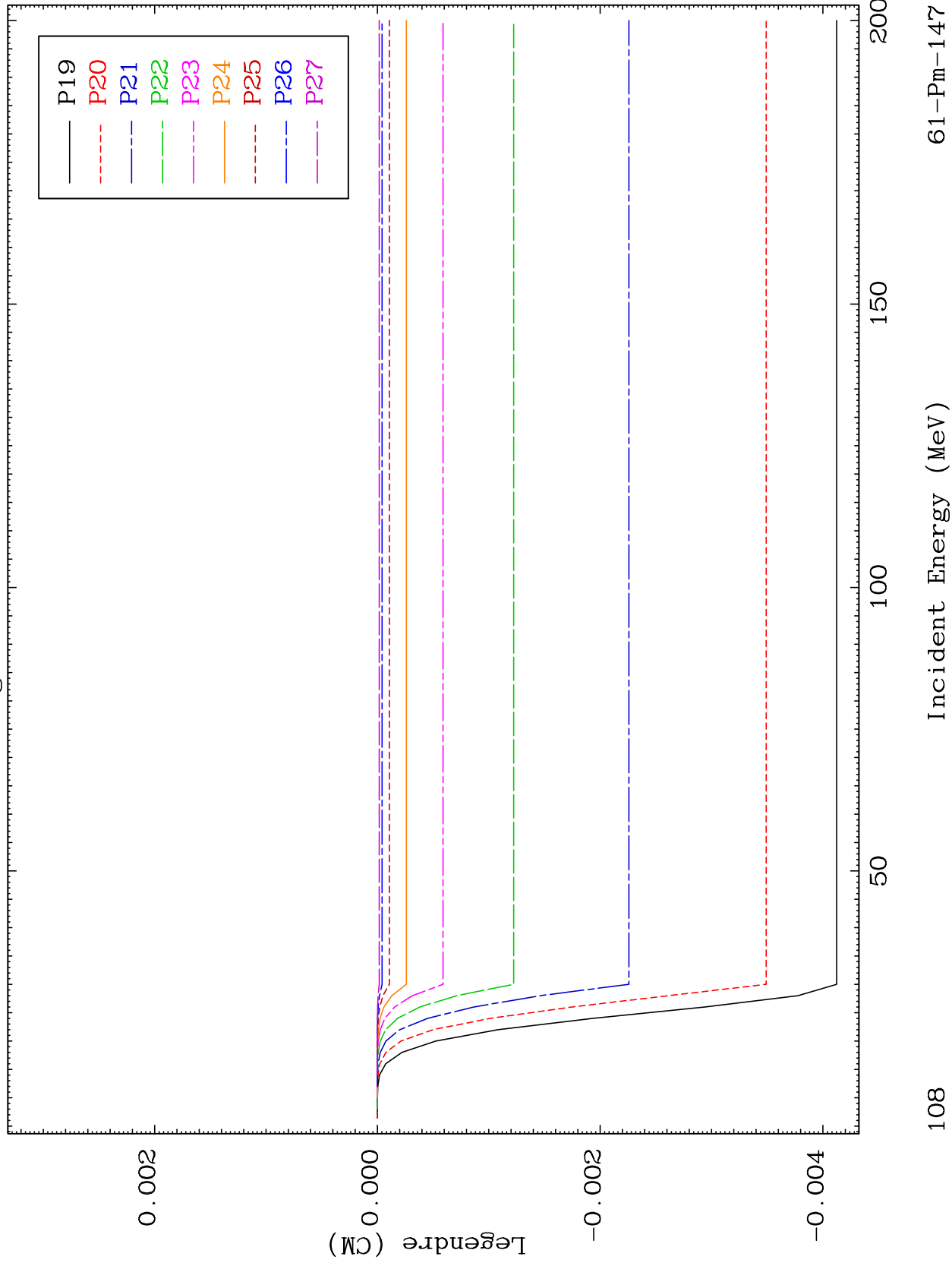
61-Pm-147

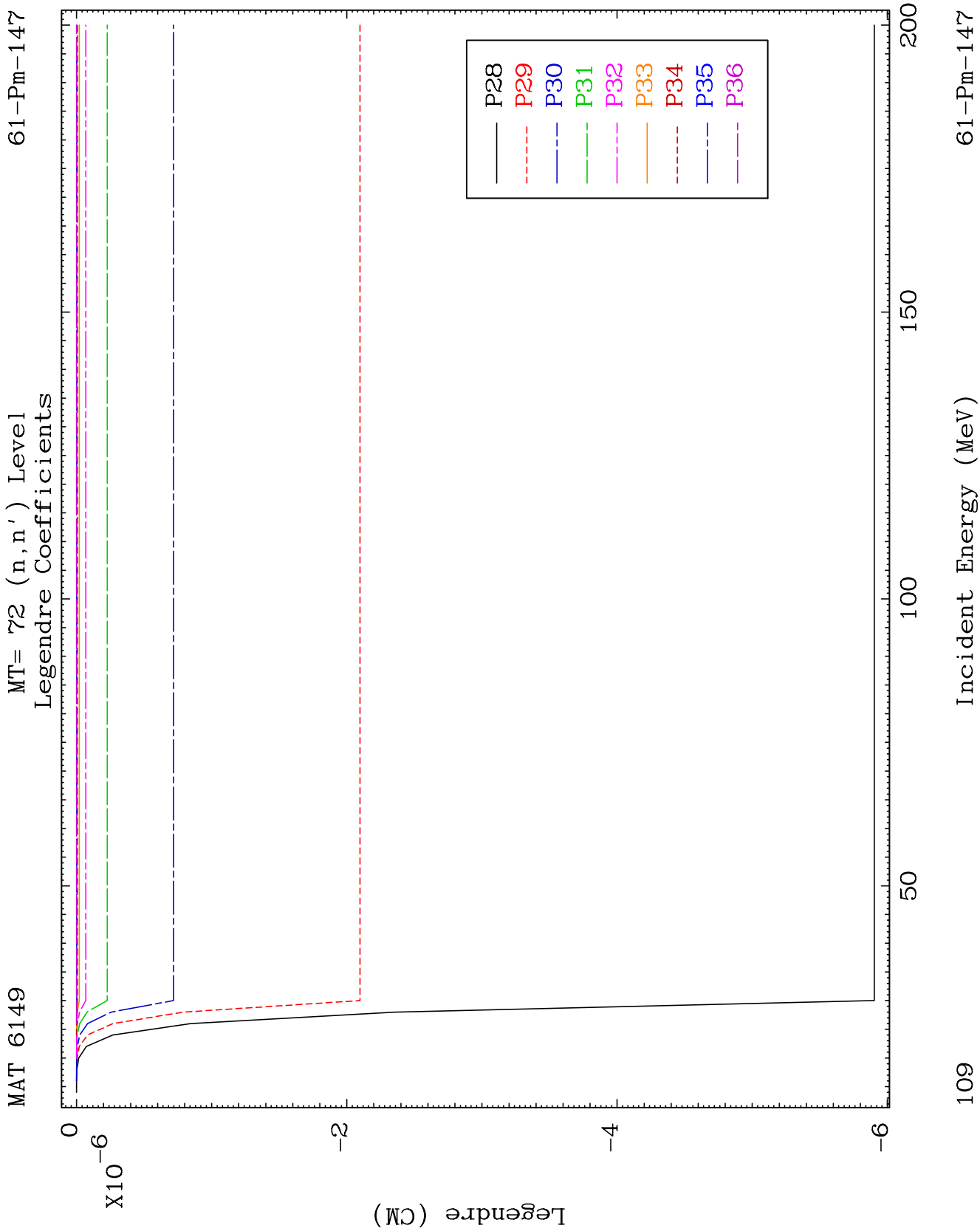


MAT 6149

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

61-Pm-147

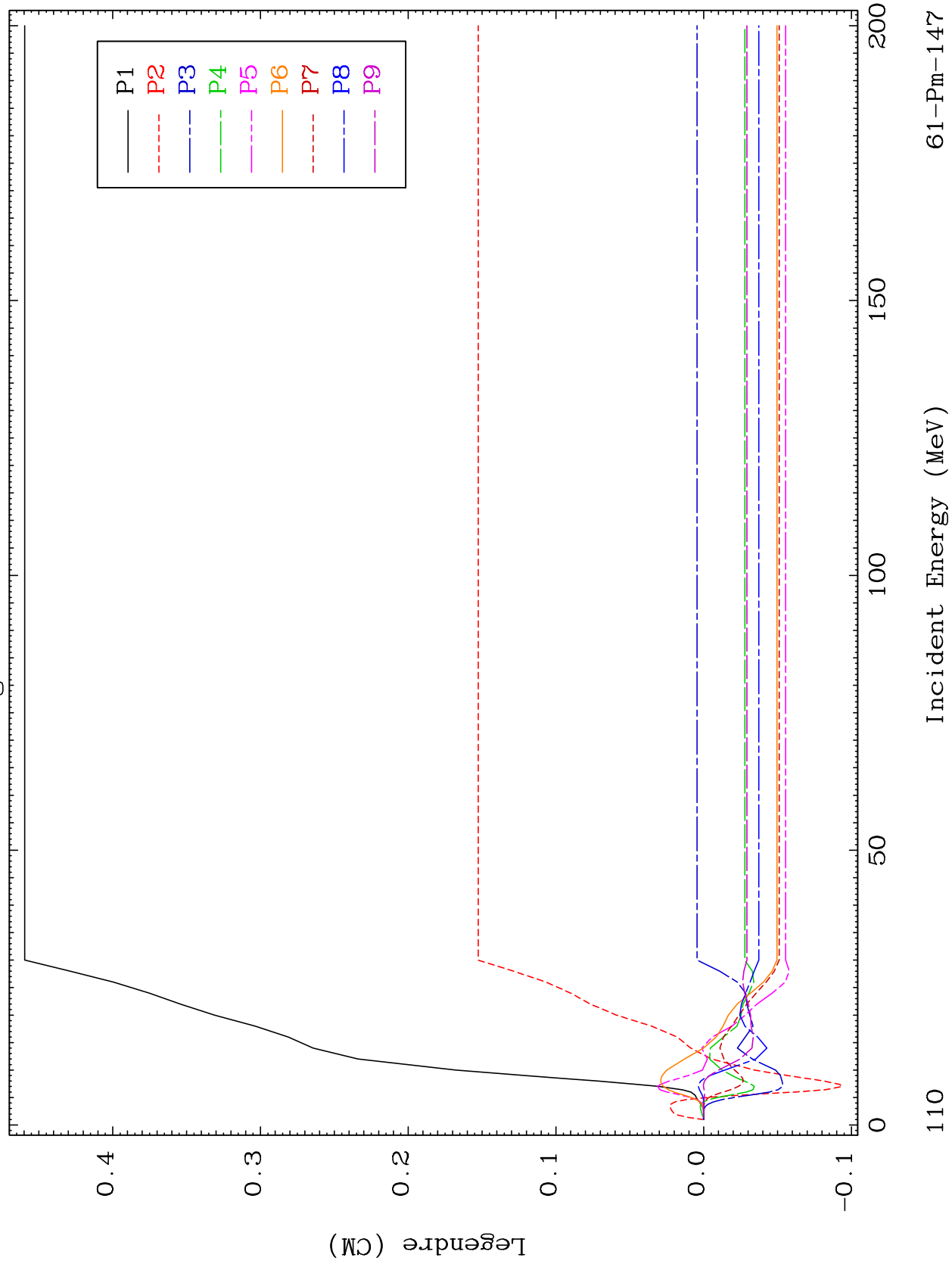




MAT 6149

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

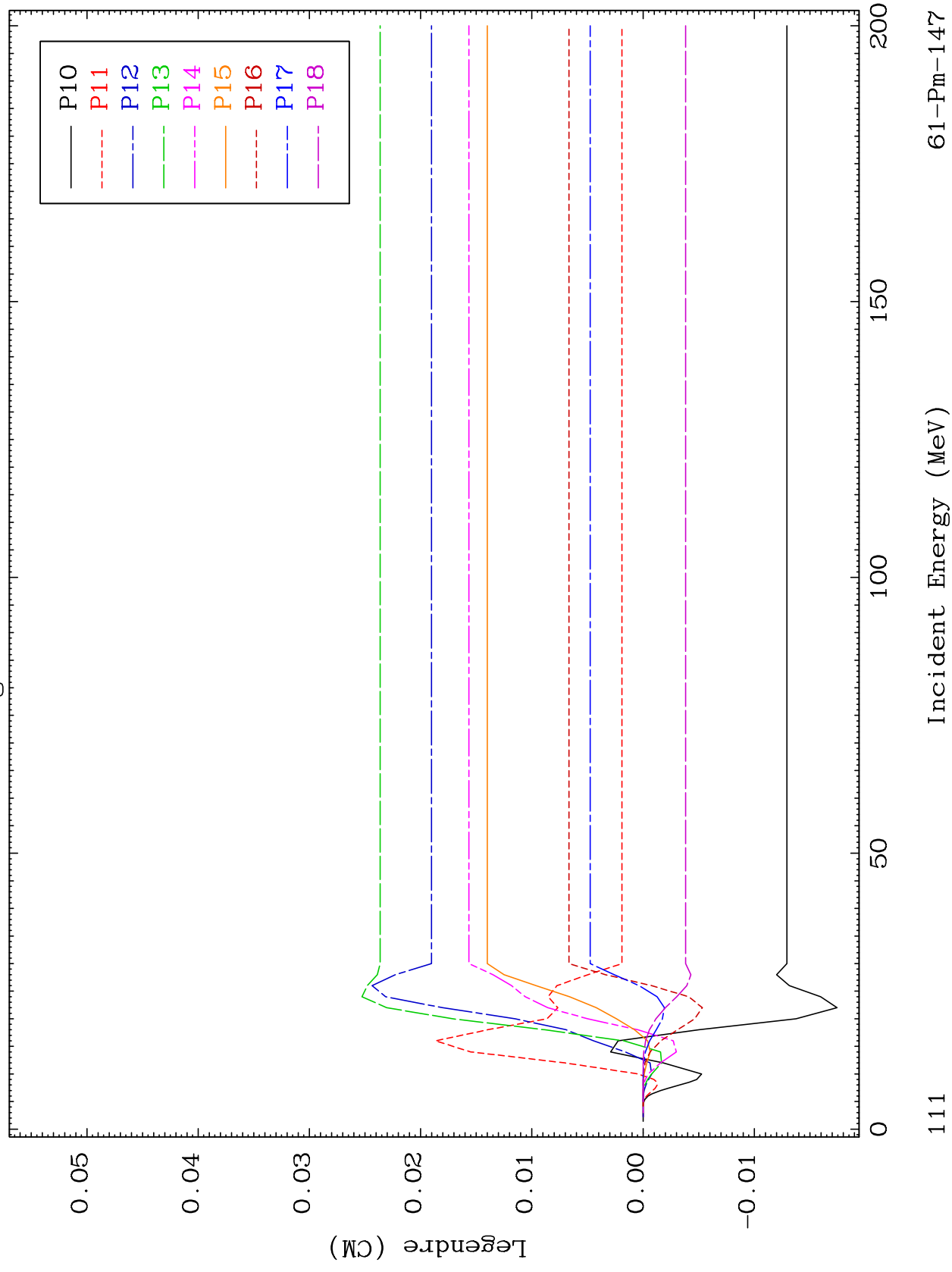
61-Pm-147



MAT 6149

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

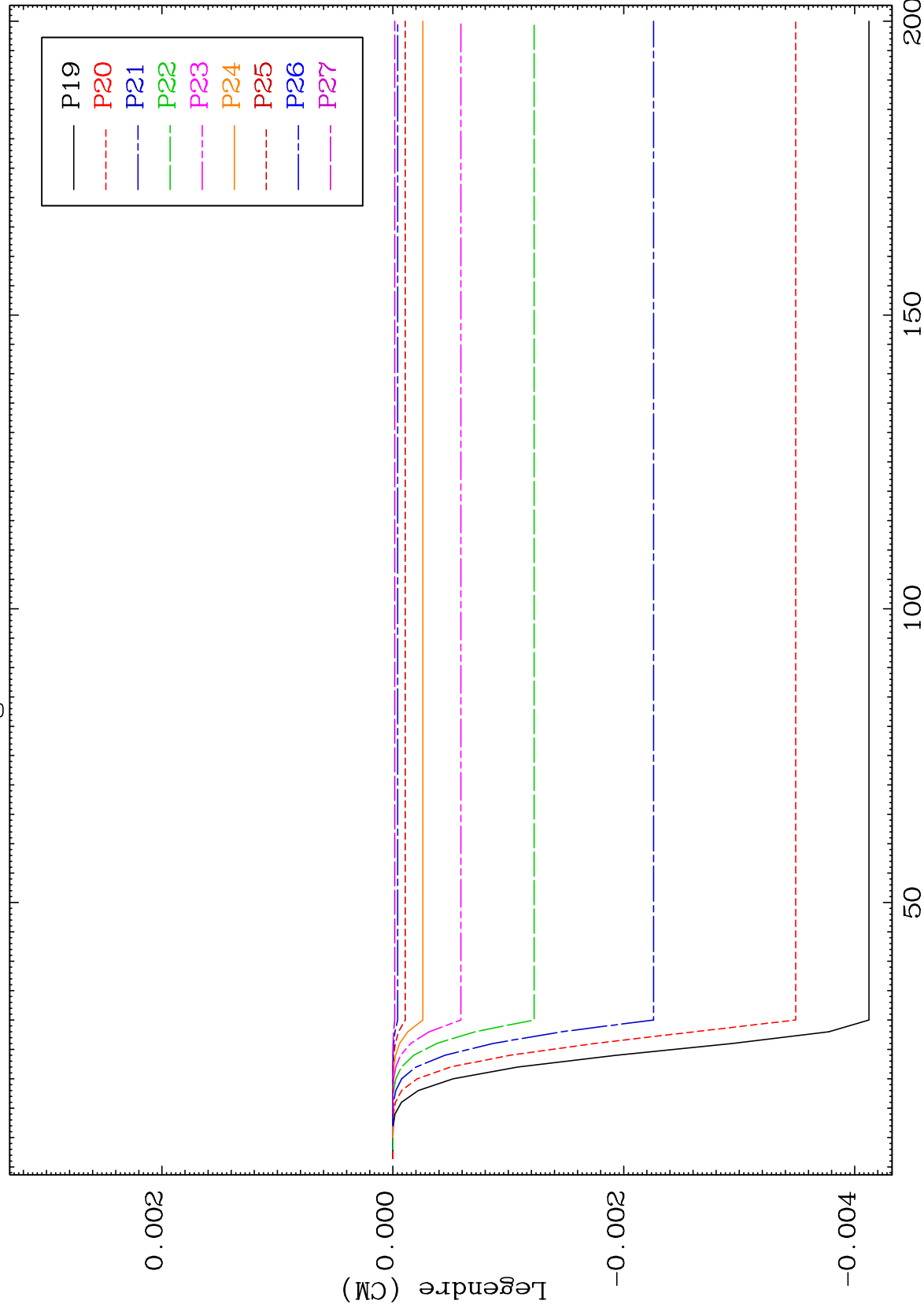
61-Pm-147



MAT 6149

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

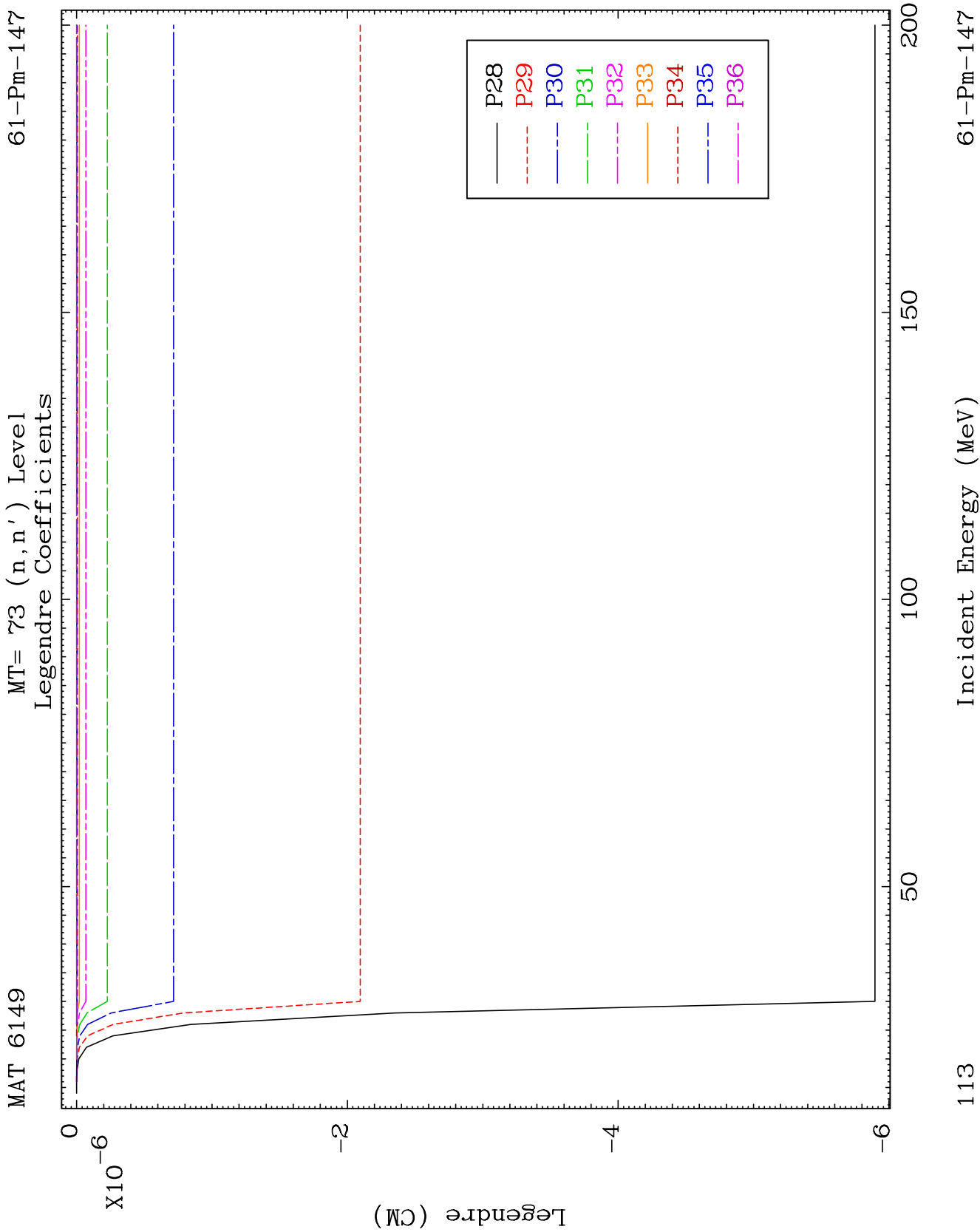
61-Pm-147



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Incident Energy (MeV)

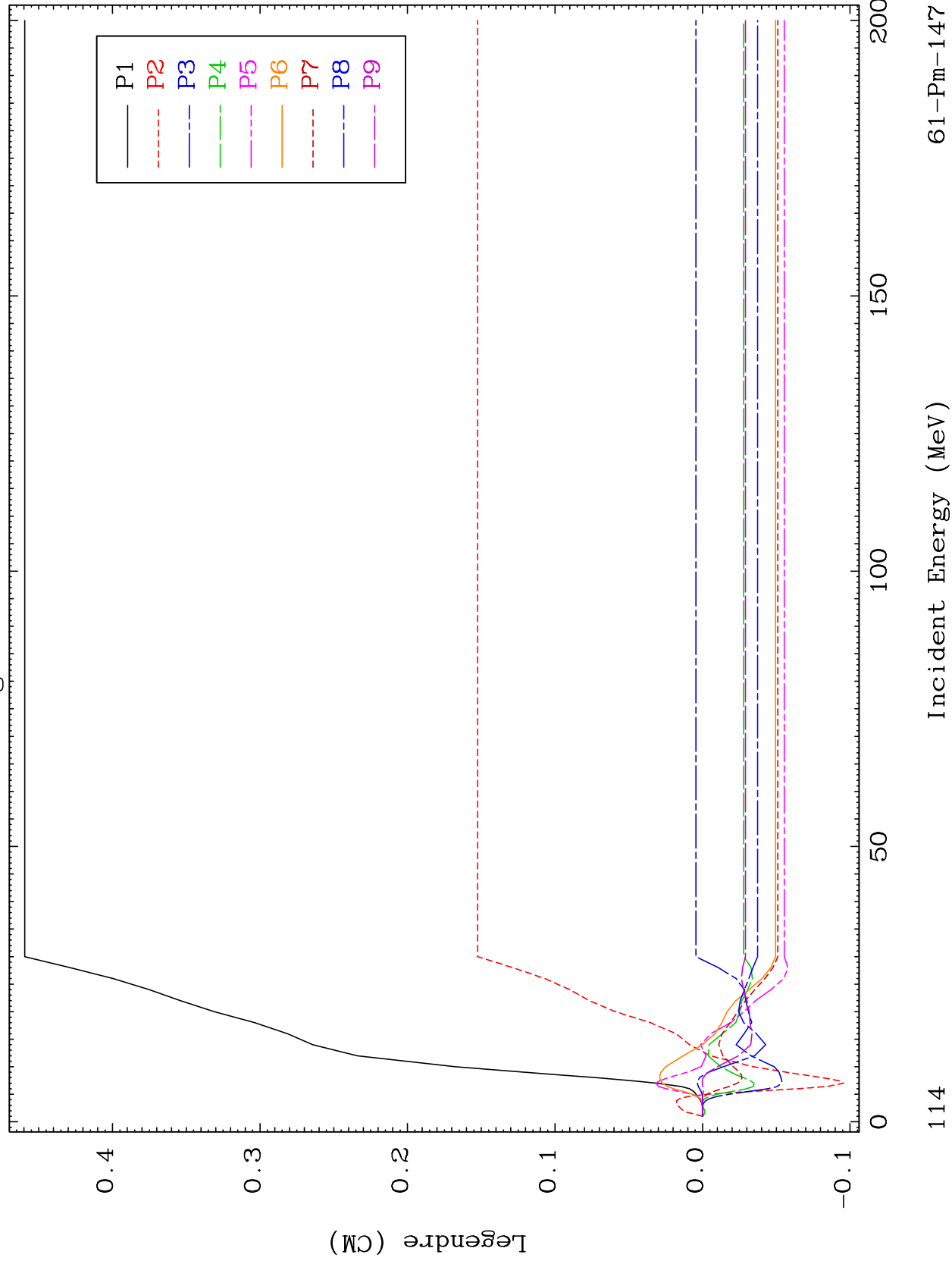
61-Pm-147



MAT 6149

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

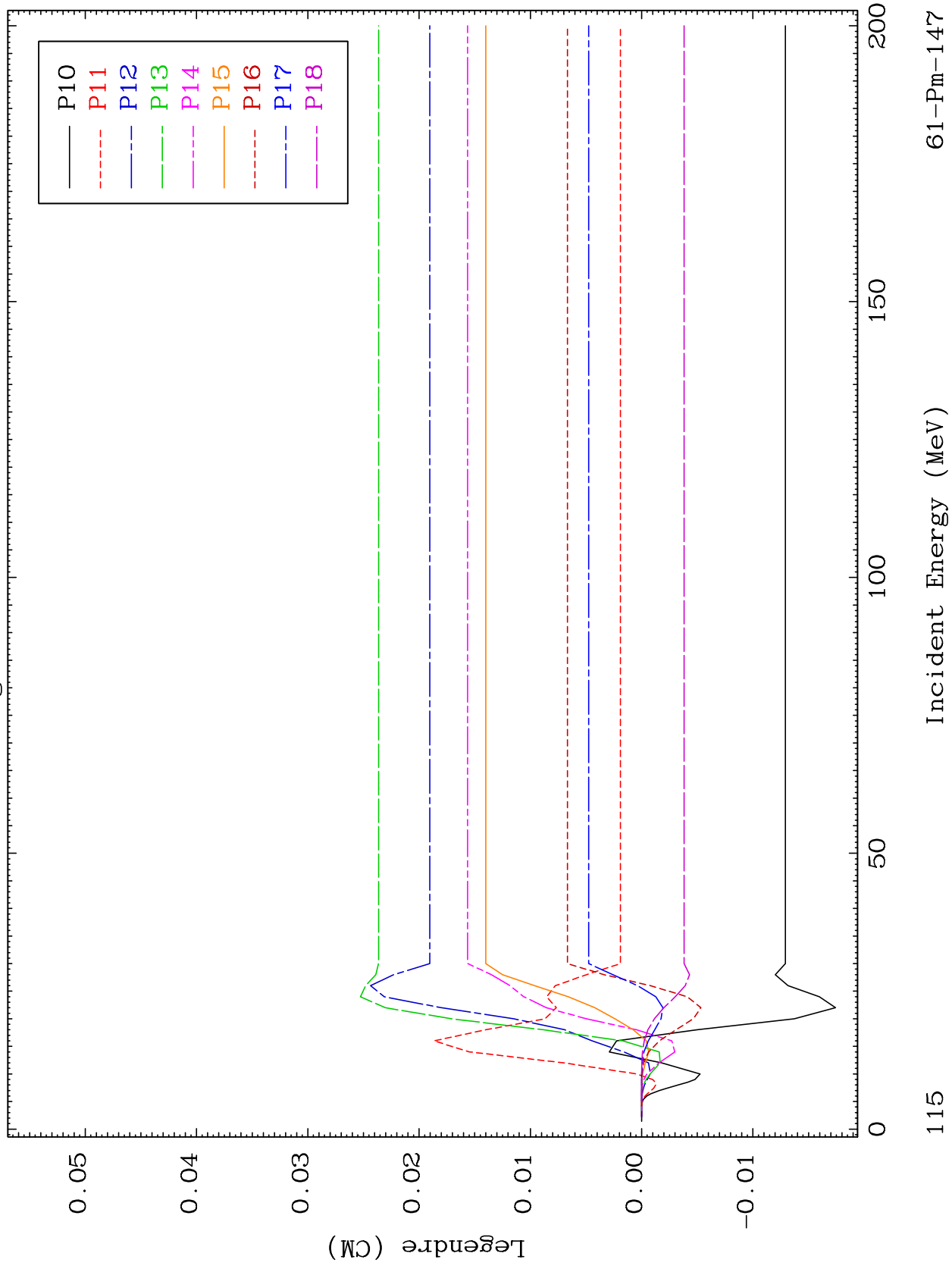
61-Pm-147

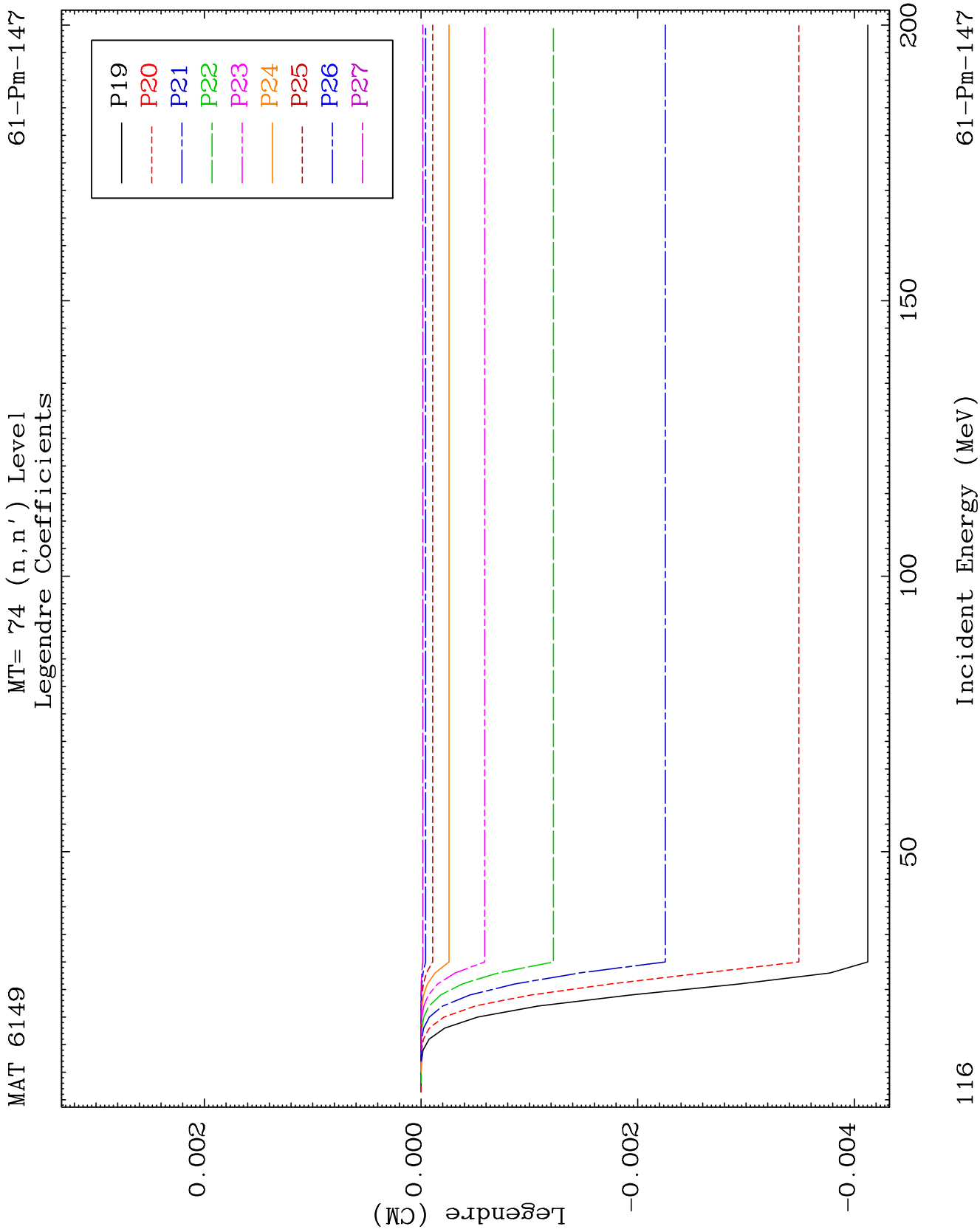


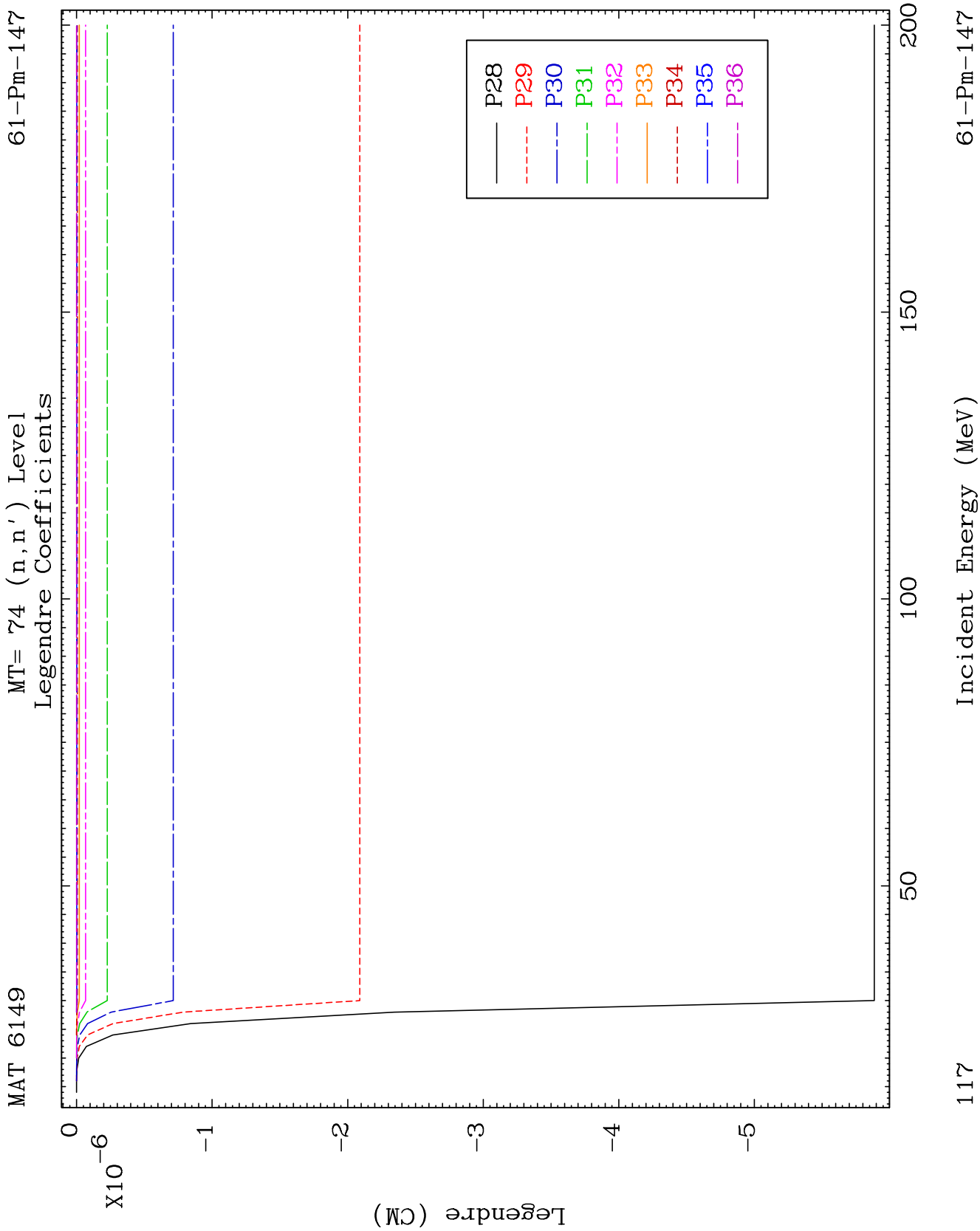
MAT 6149

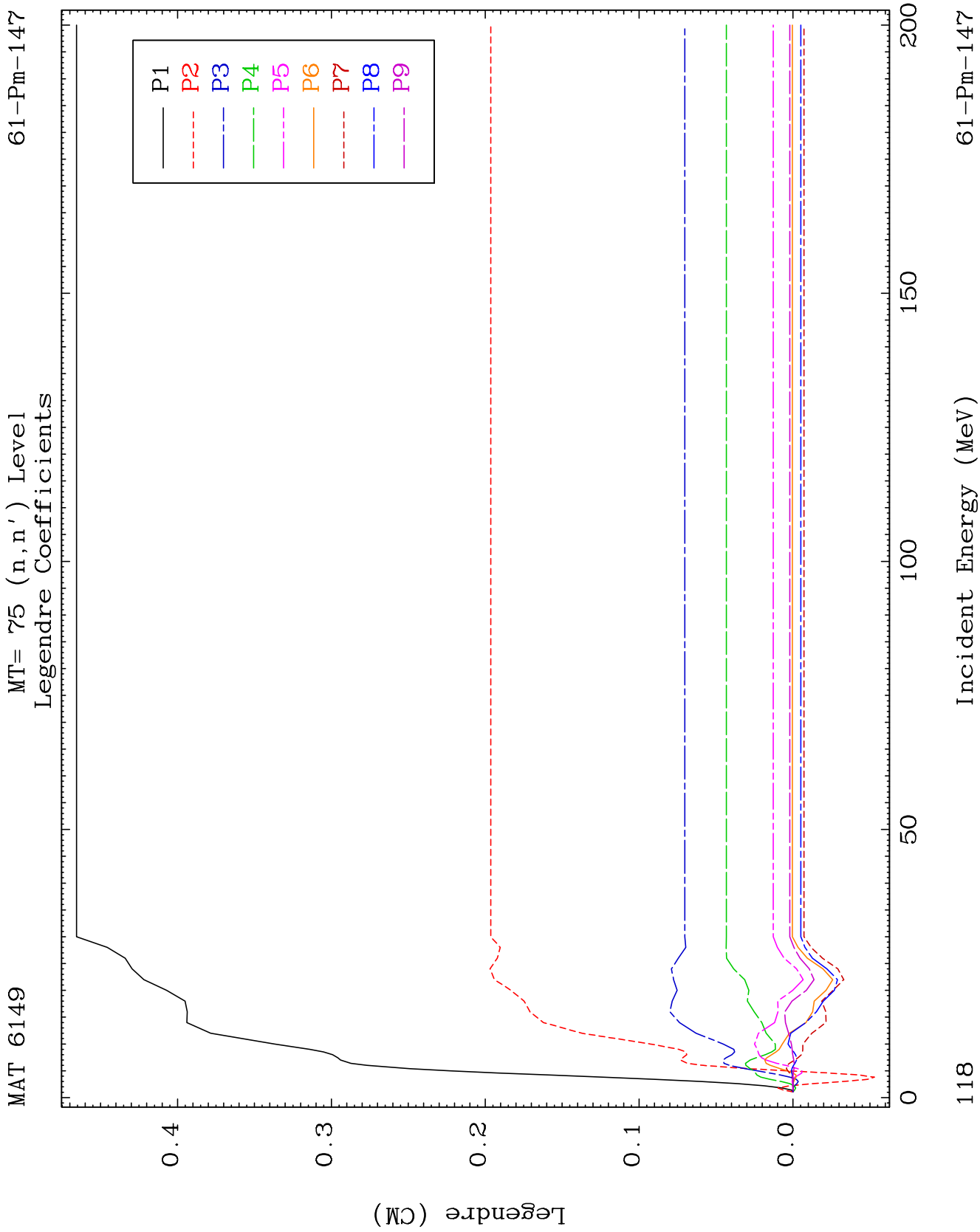
MT= 74 (n, n') Level
Legendre Coefficients

61-Pm-147





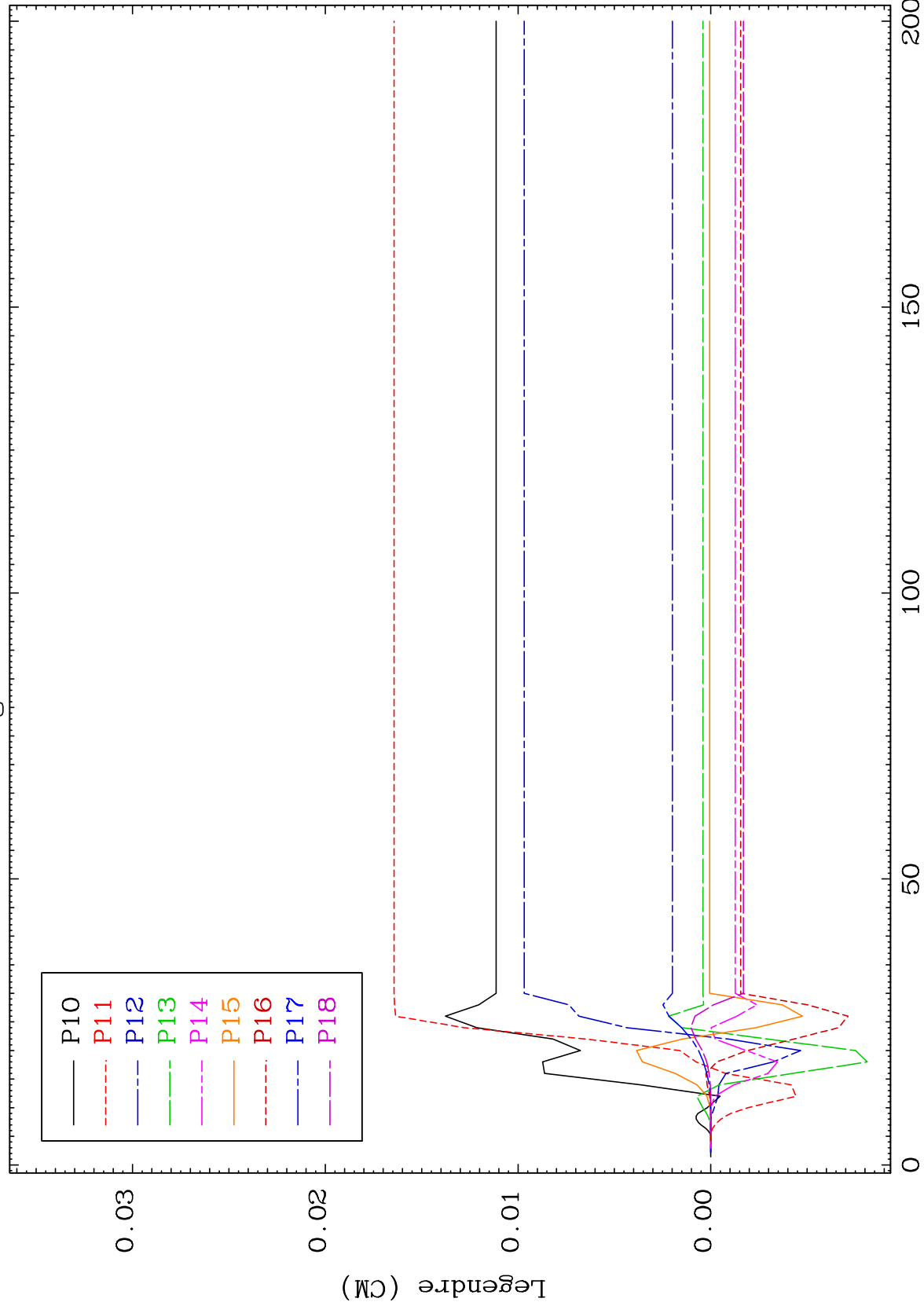


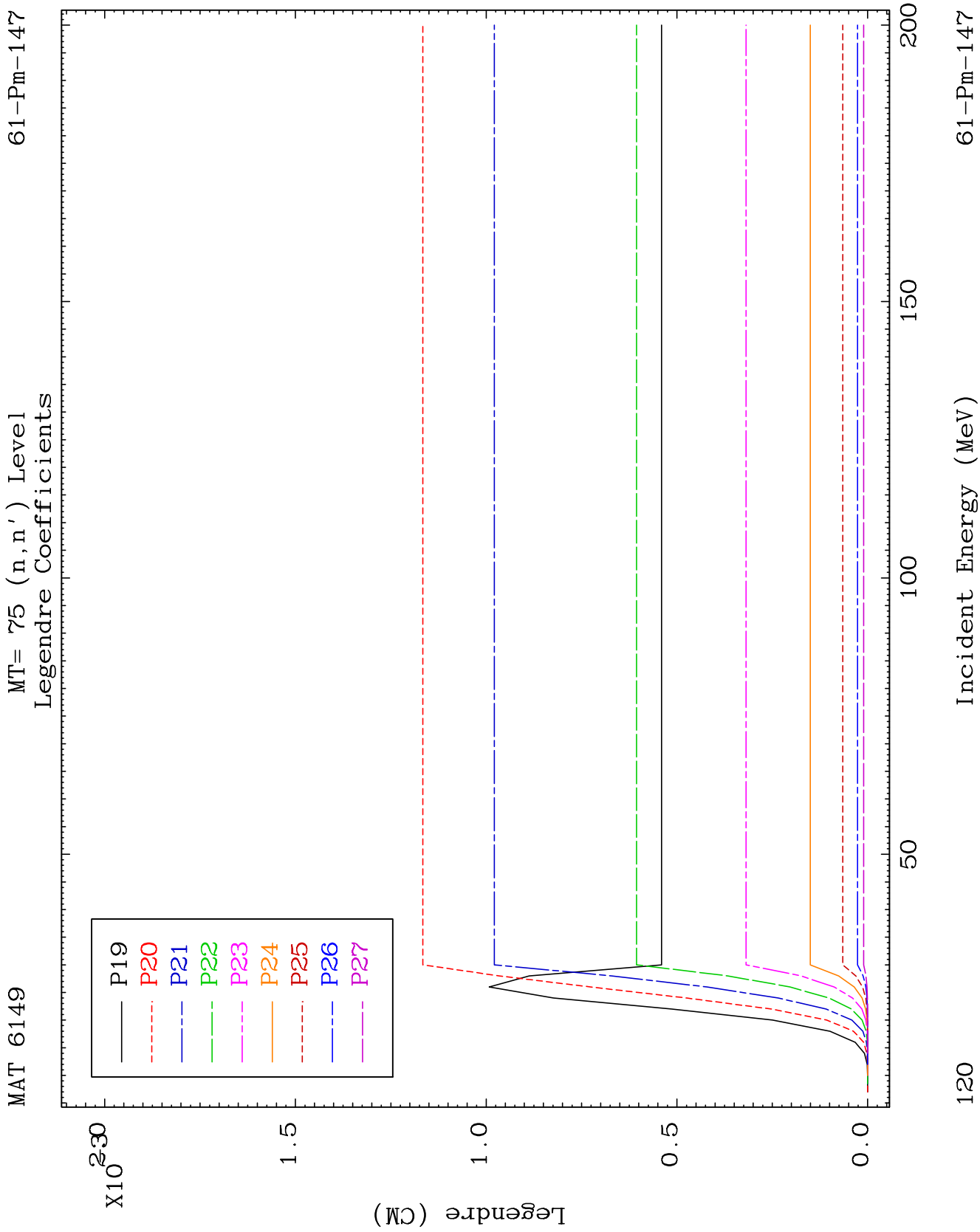


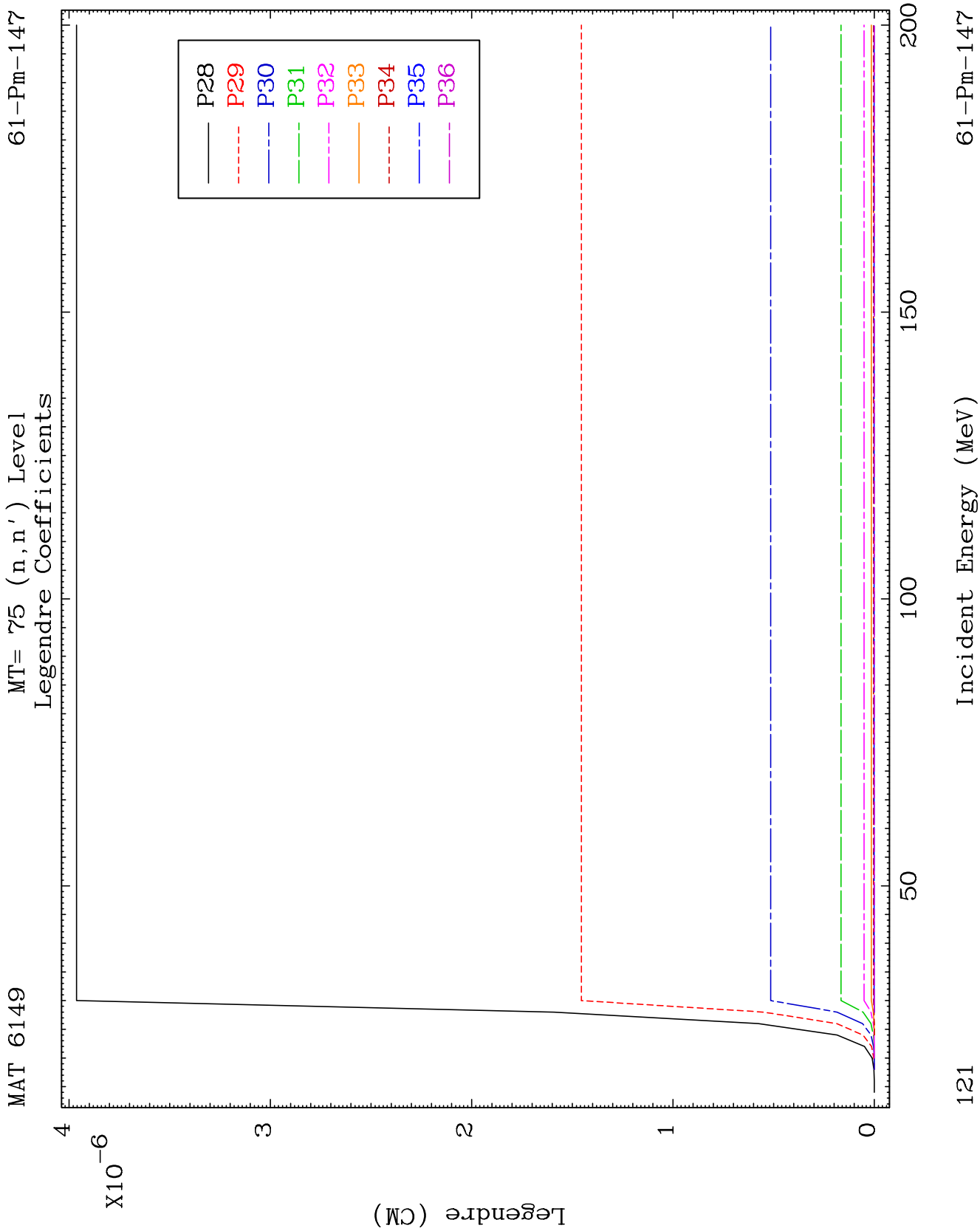
MAT 6149

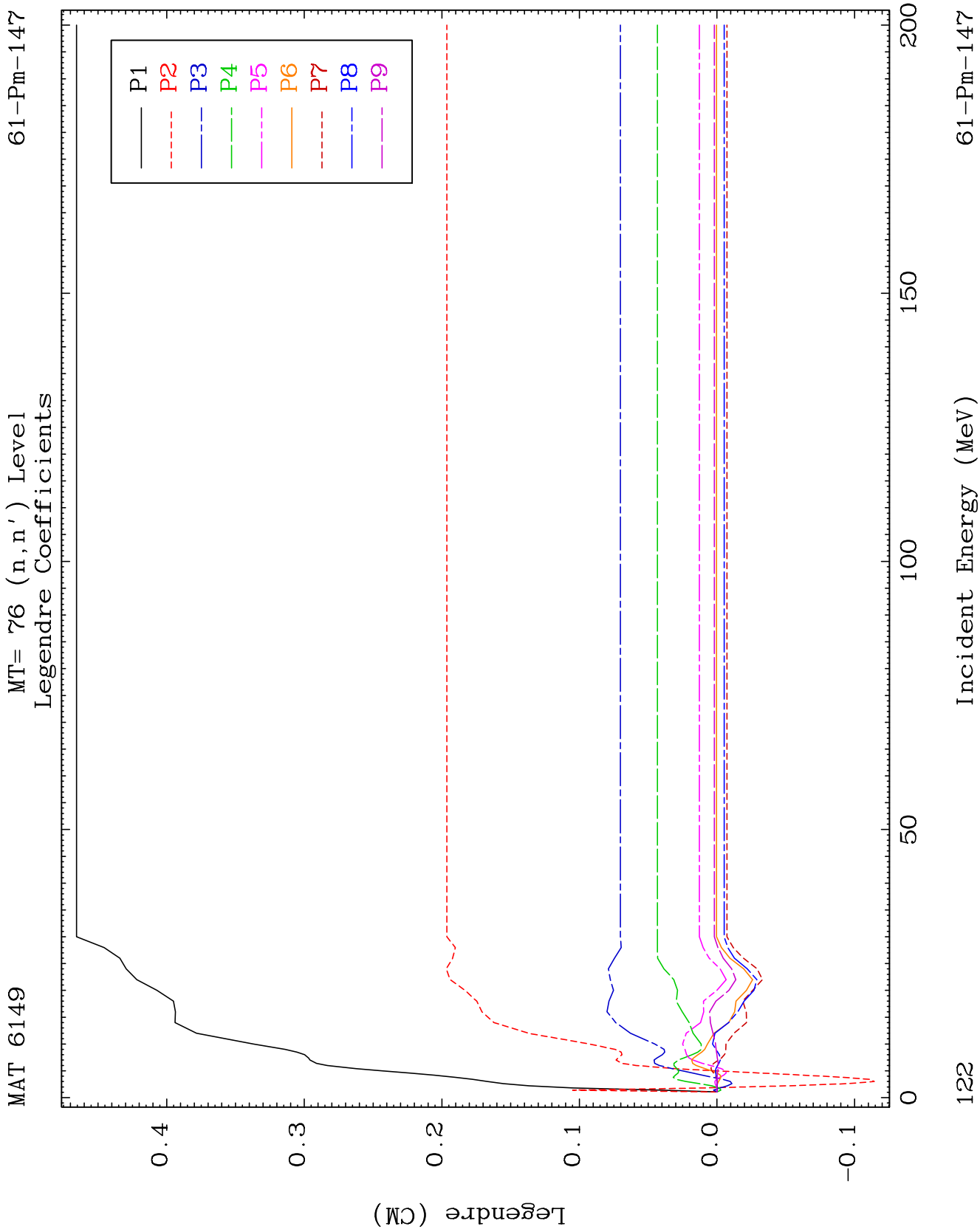
MT= 75 (n, n') Level
Legendre Coefficients

61-Pm-147





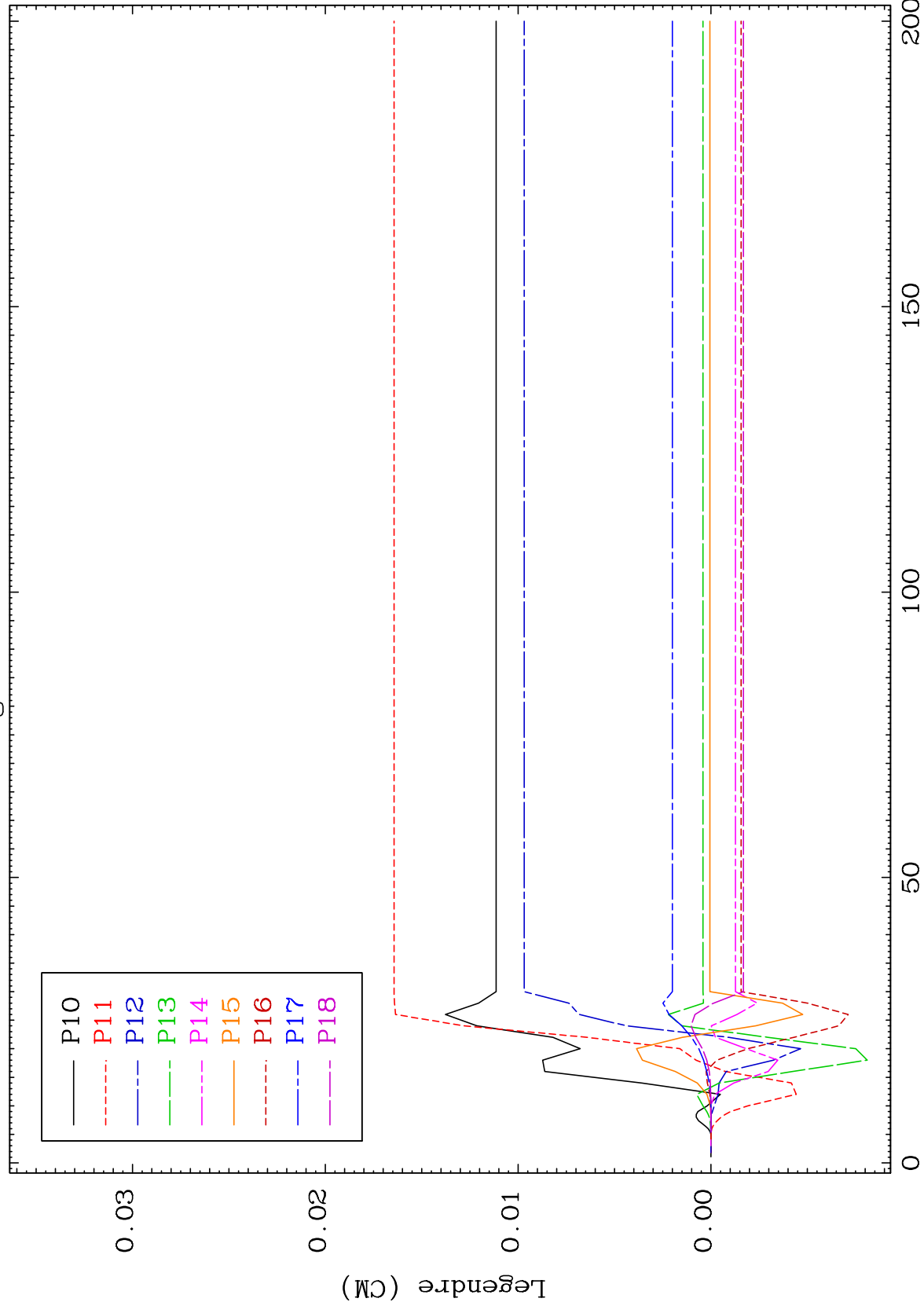




MAT 6149

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

61-Pm-147



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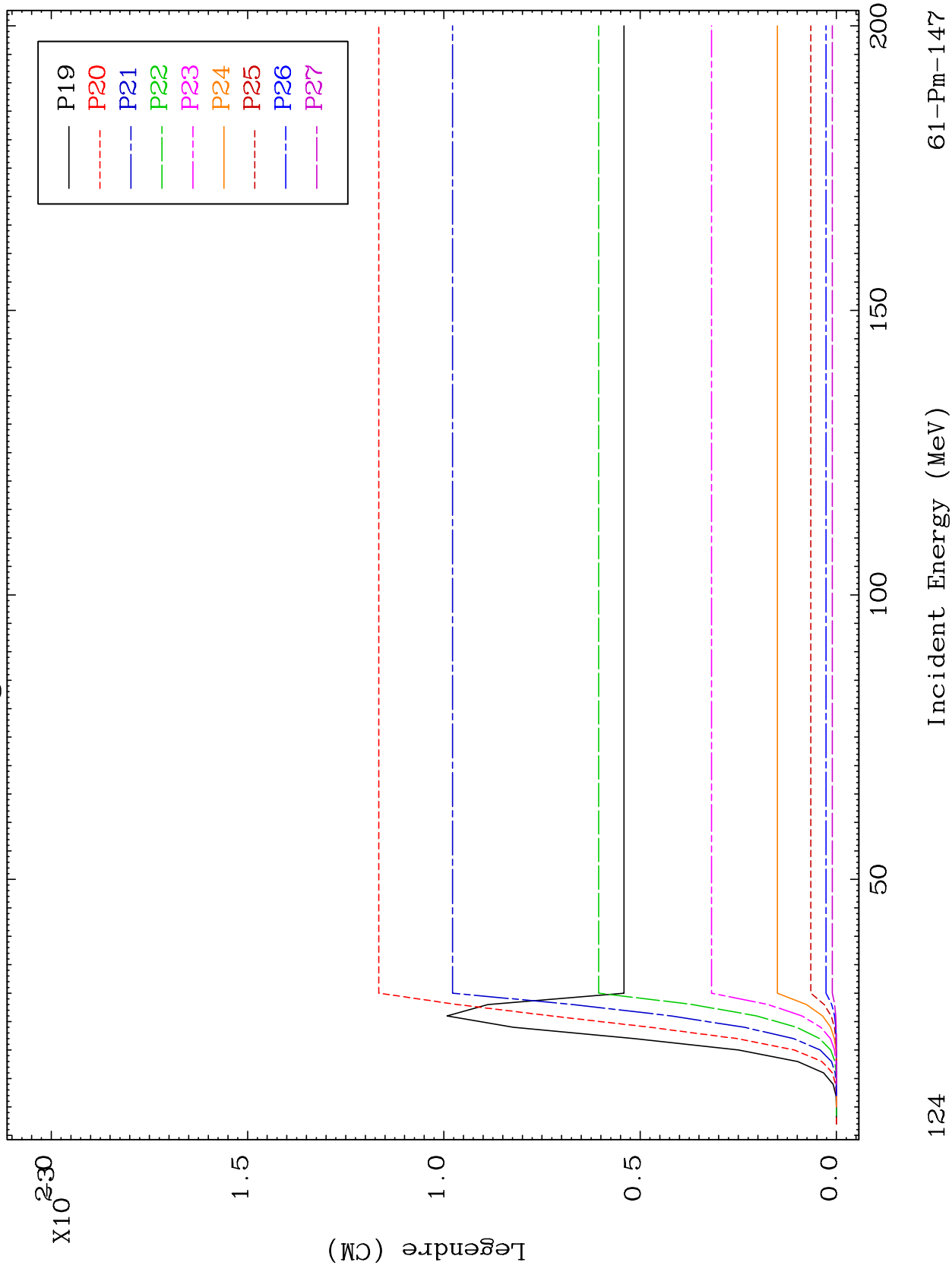
Incident Energy (MeV)

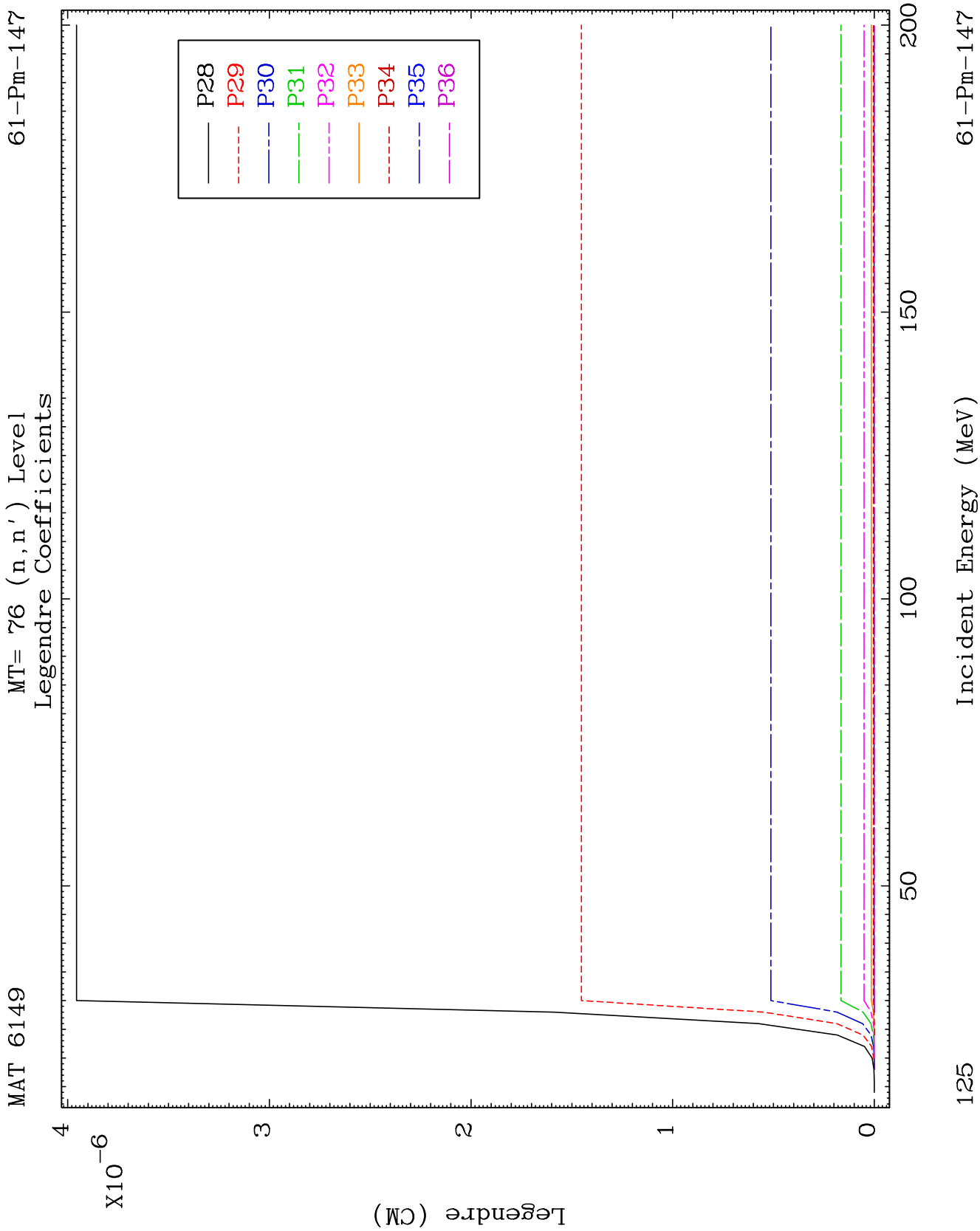
61-Pm-147

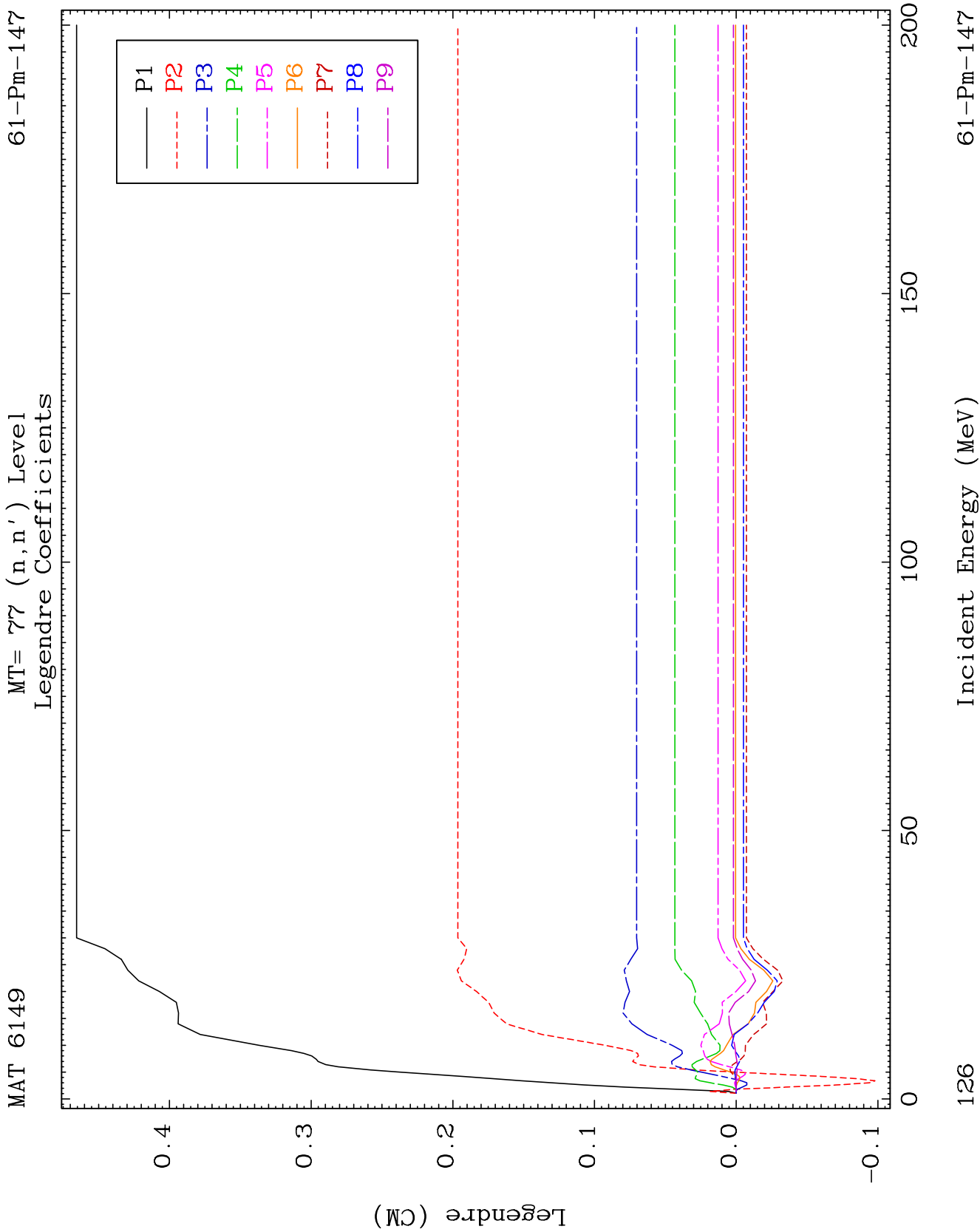
MAT 6149

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

61-Pm-147



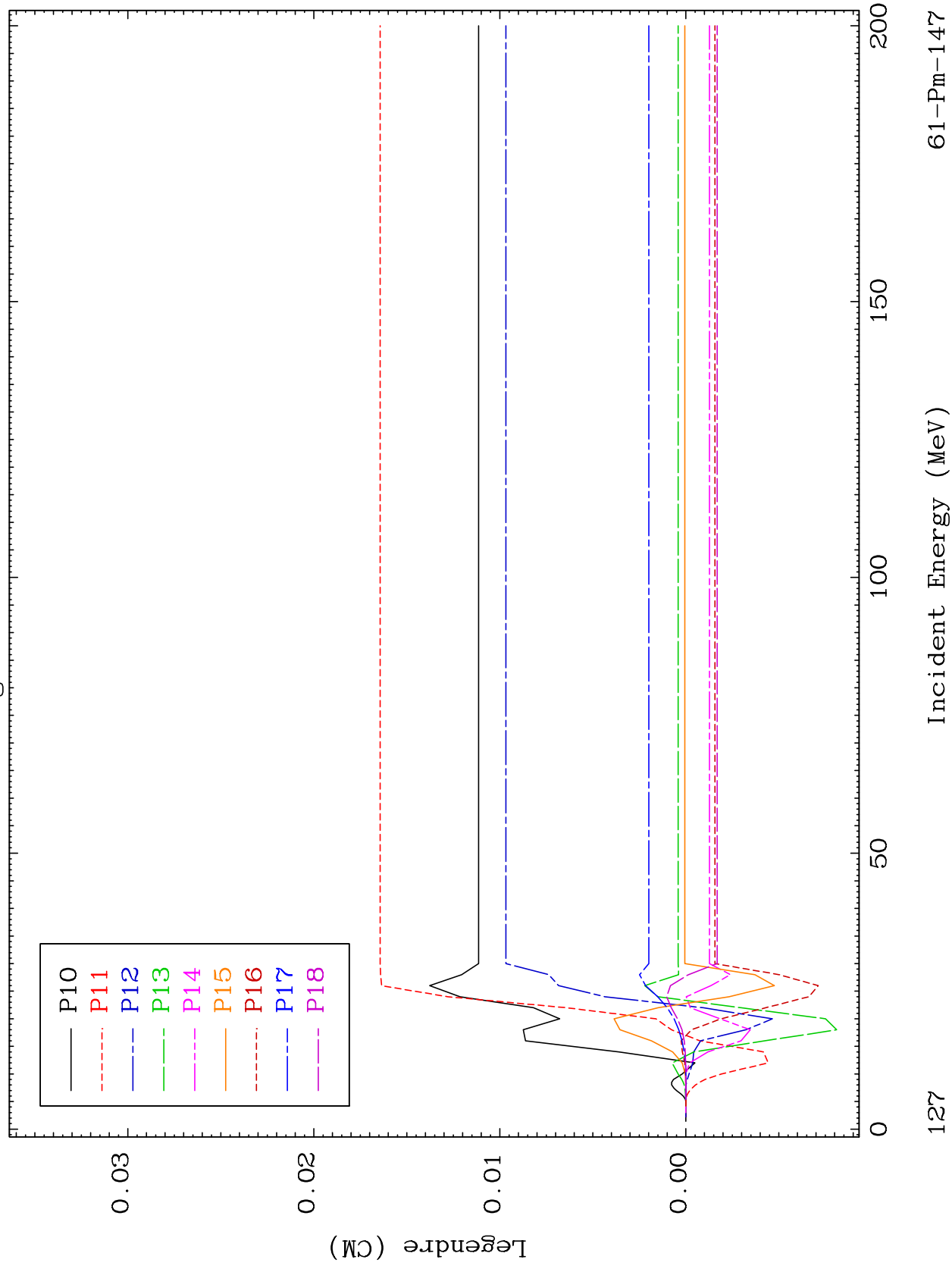




MAT 6149

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

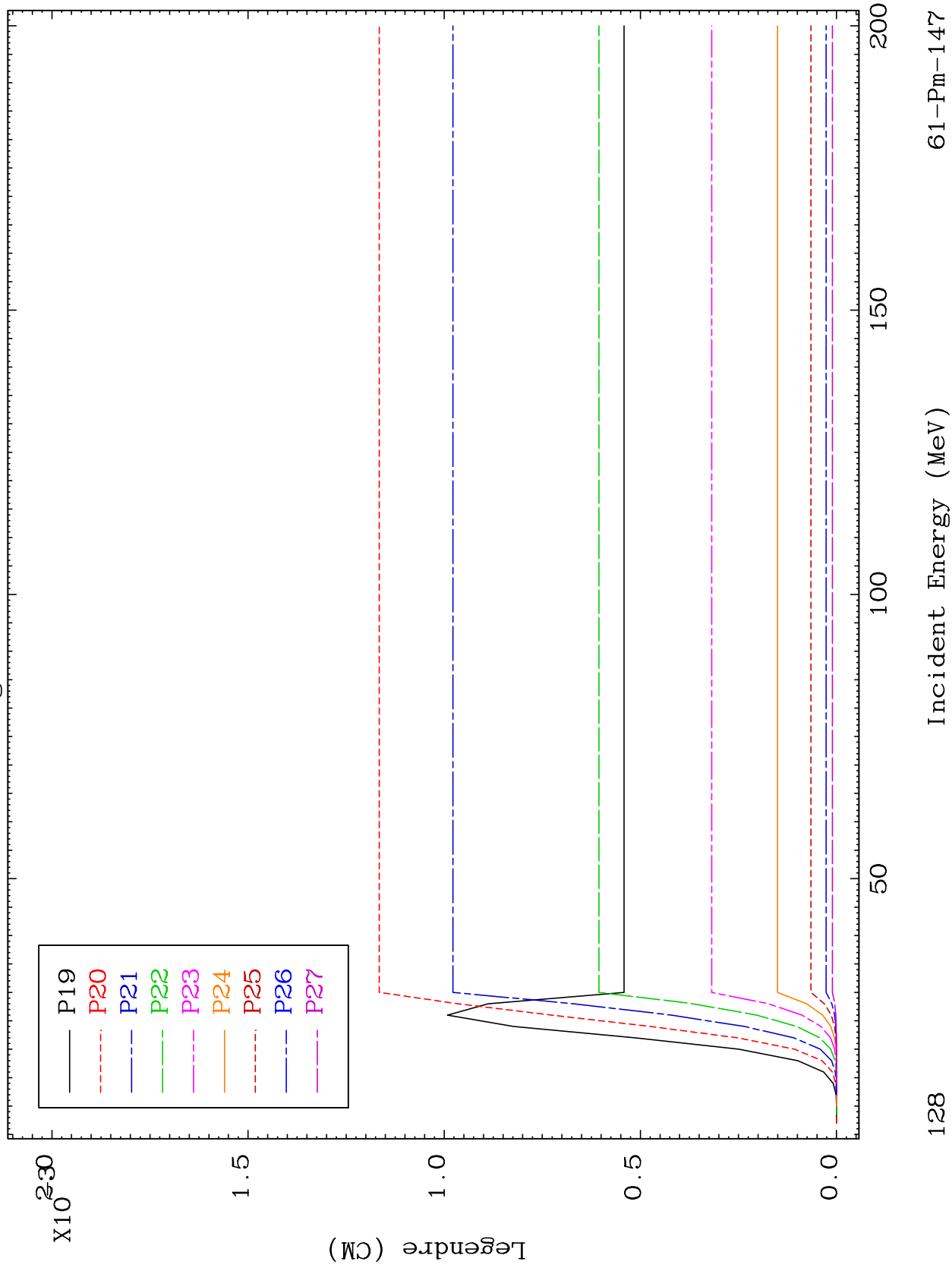
61-Pm-147

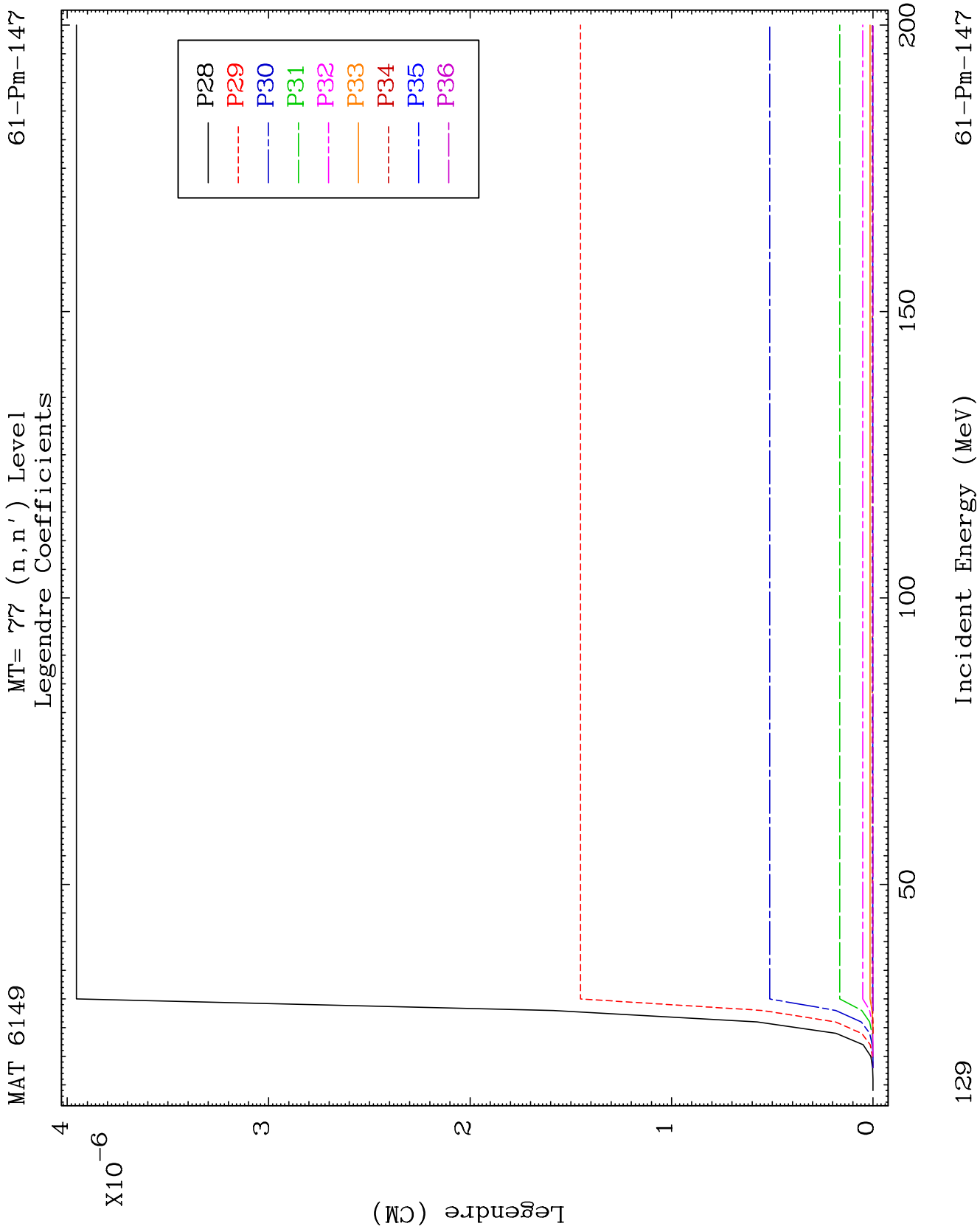


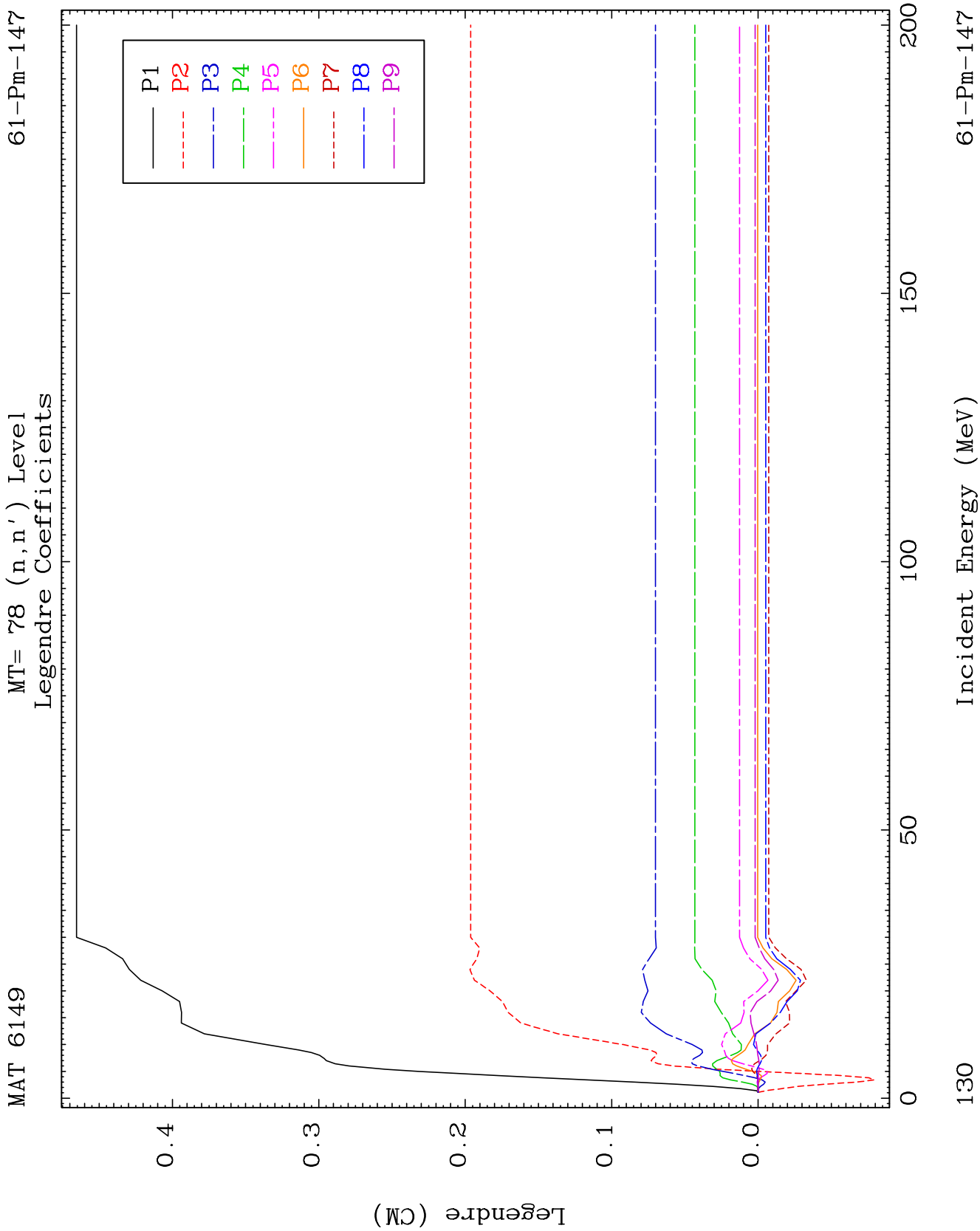
MAT 6149

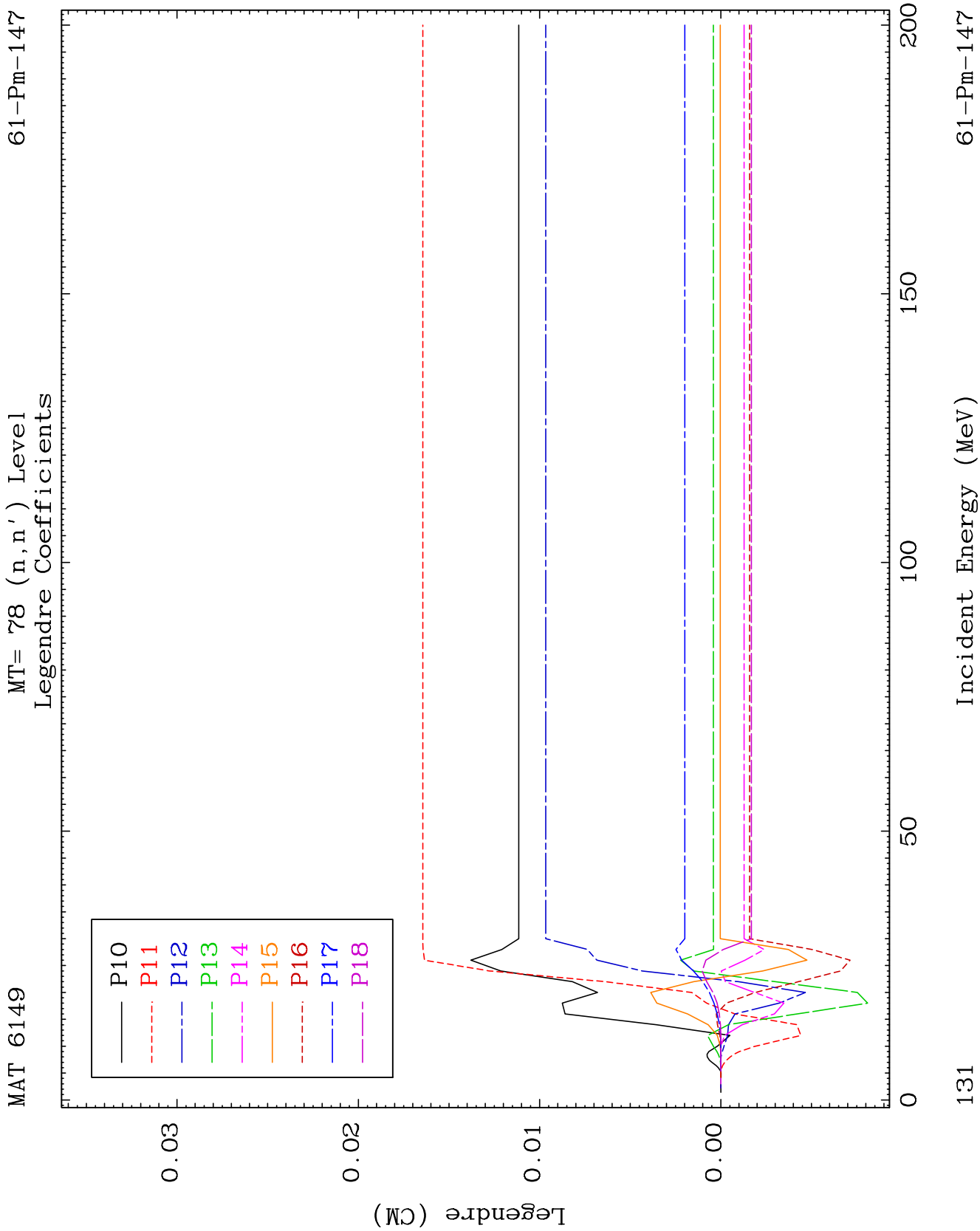
MT= 77 (n, n') Level
Legendre Coefficients

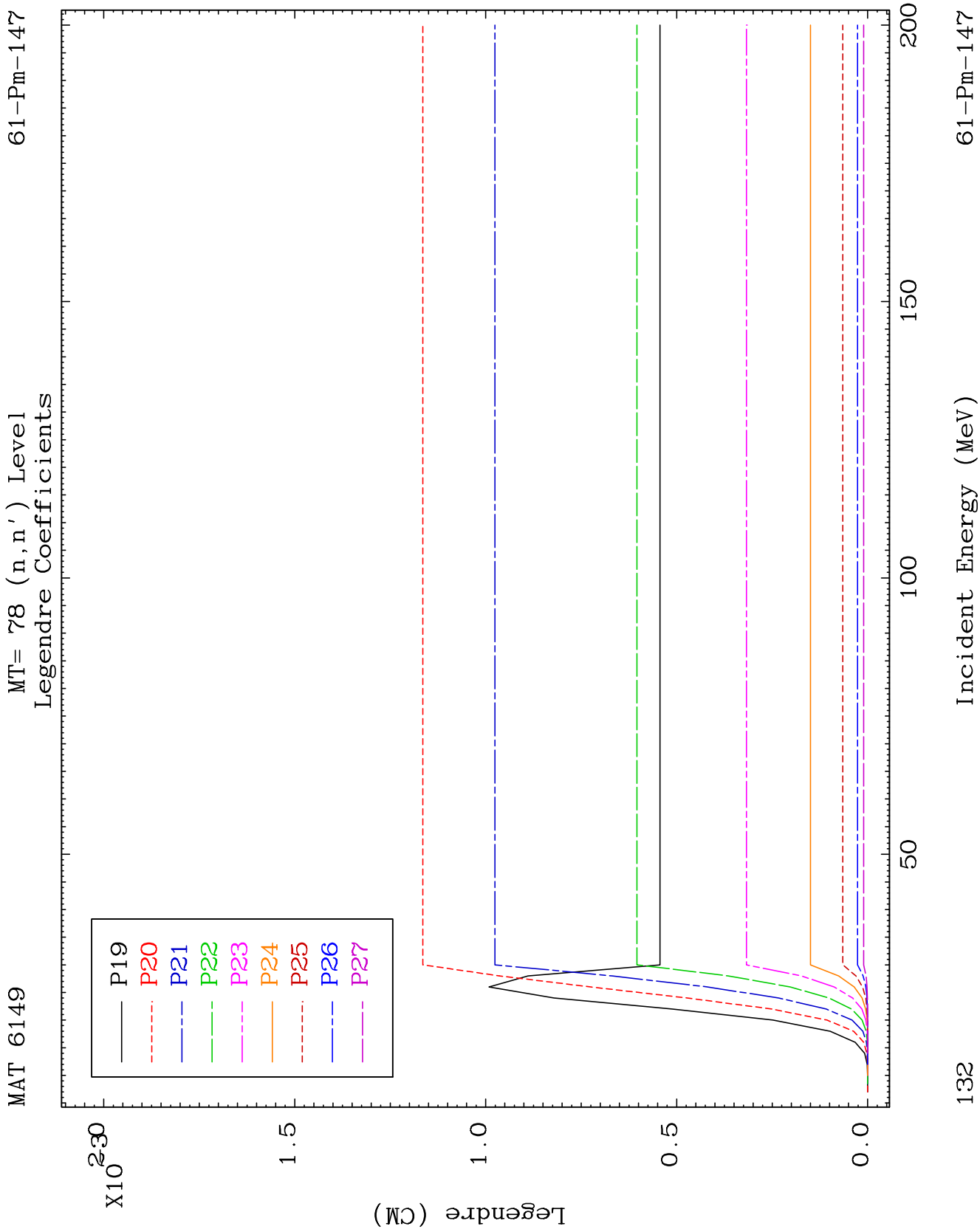
61-Pm-147

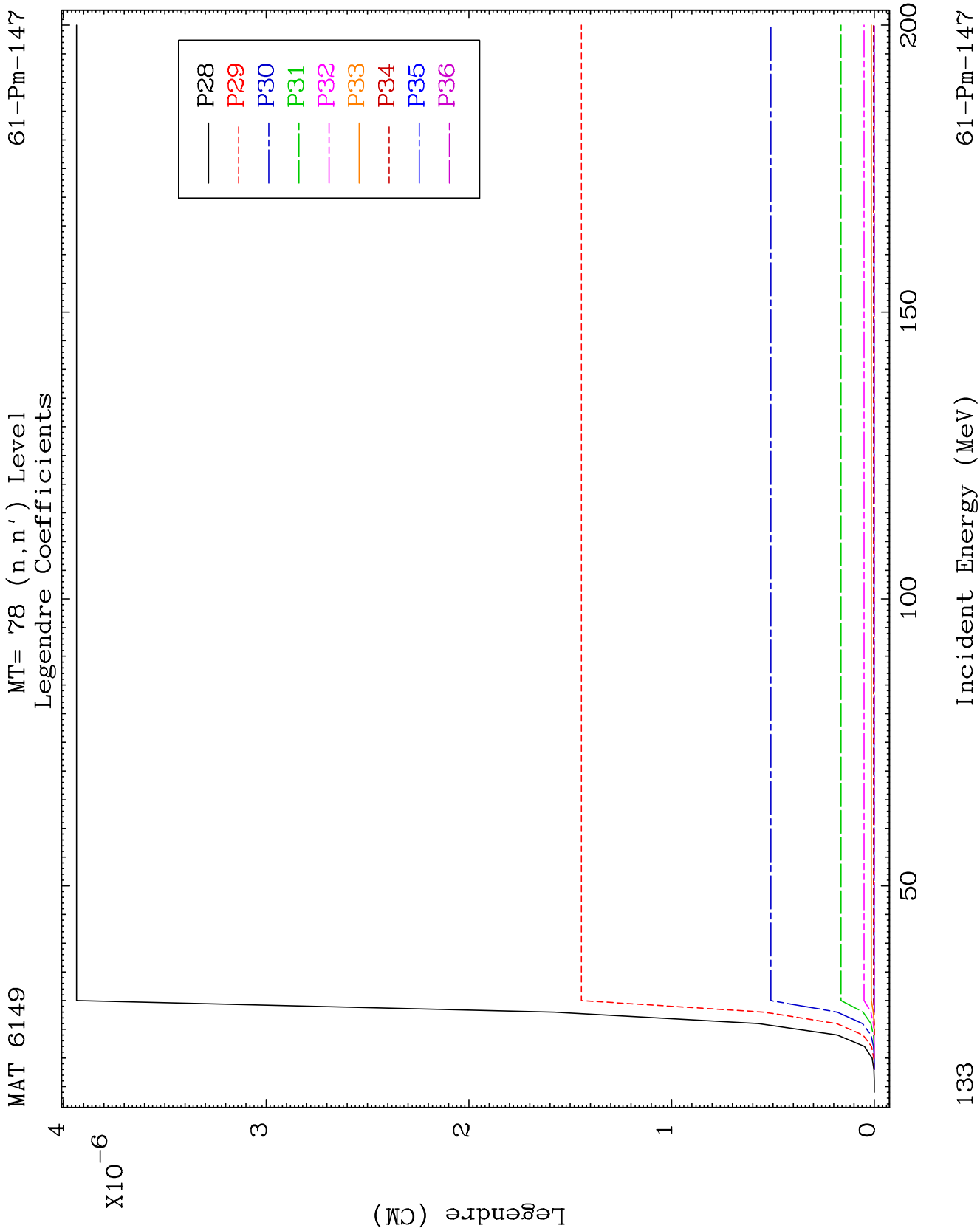








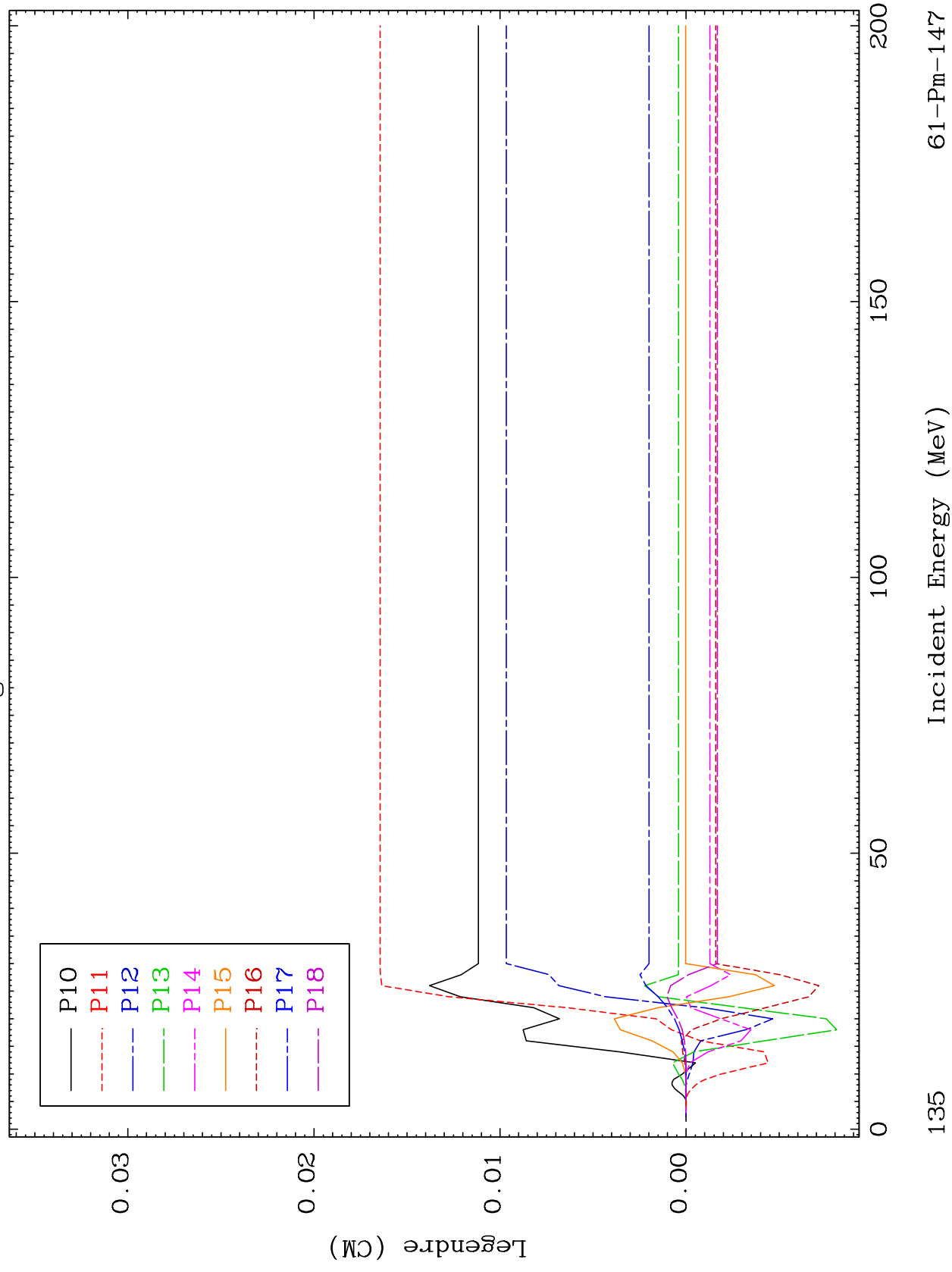


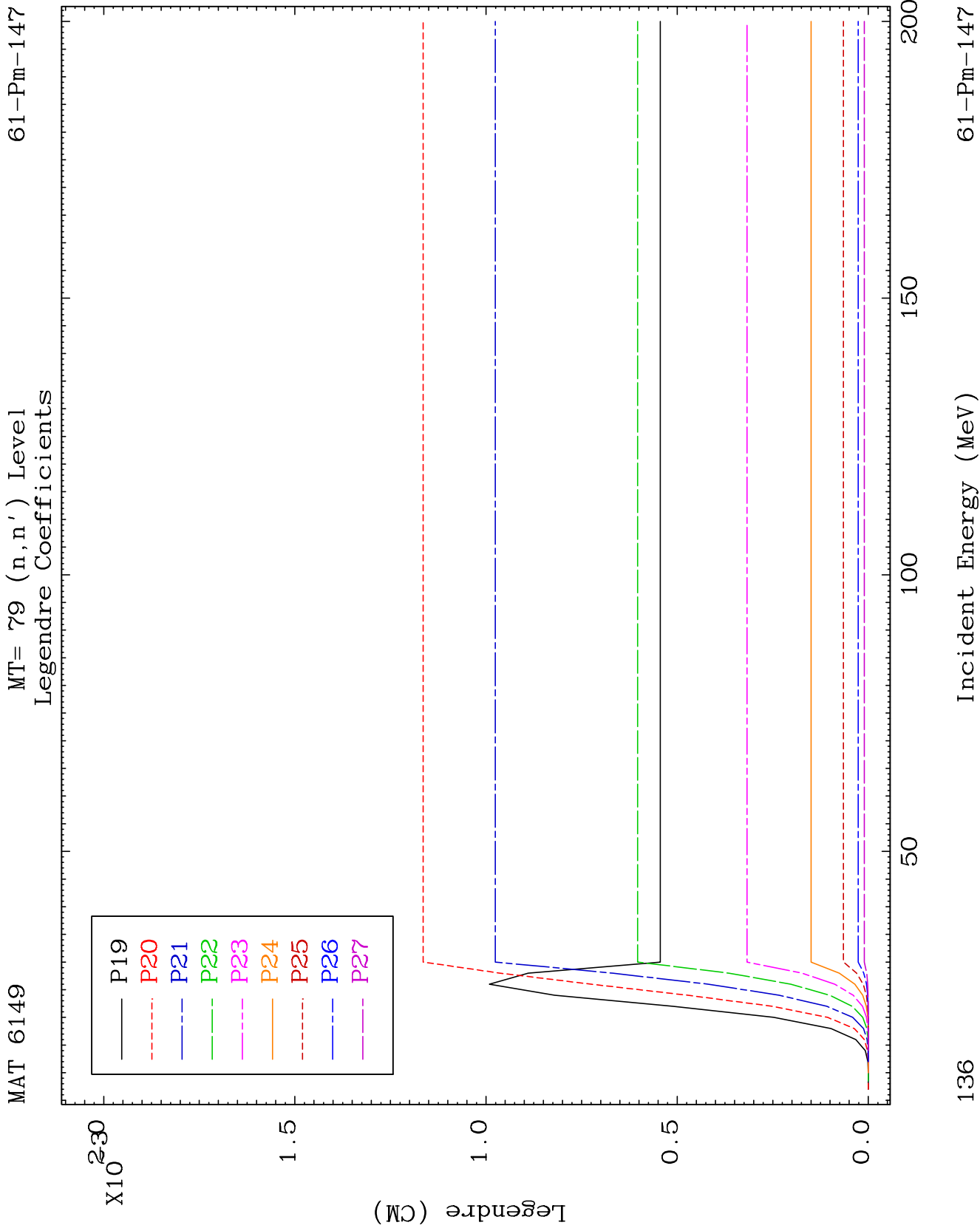


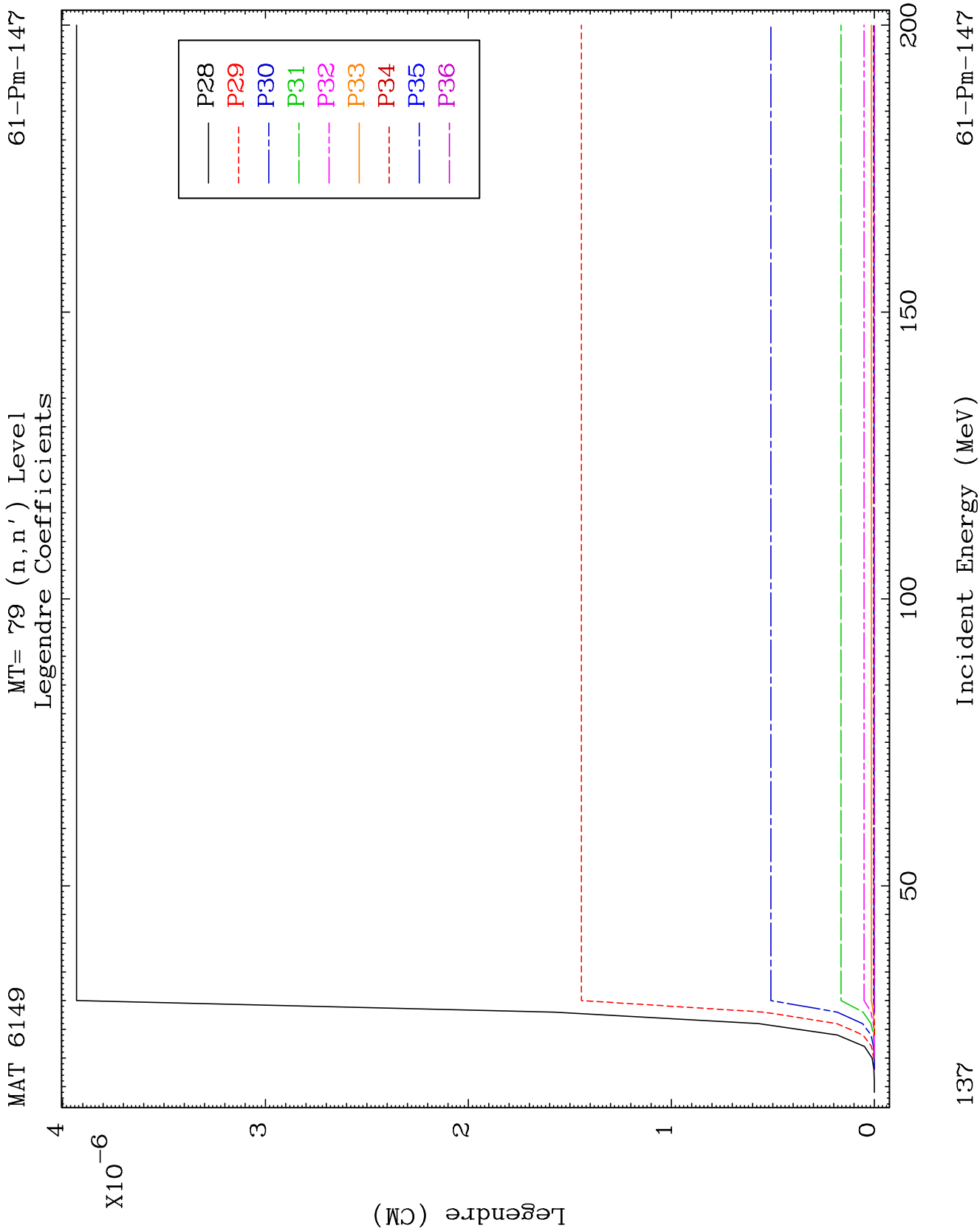
MAT 6149

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

61-Pm-147



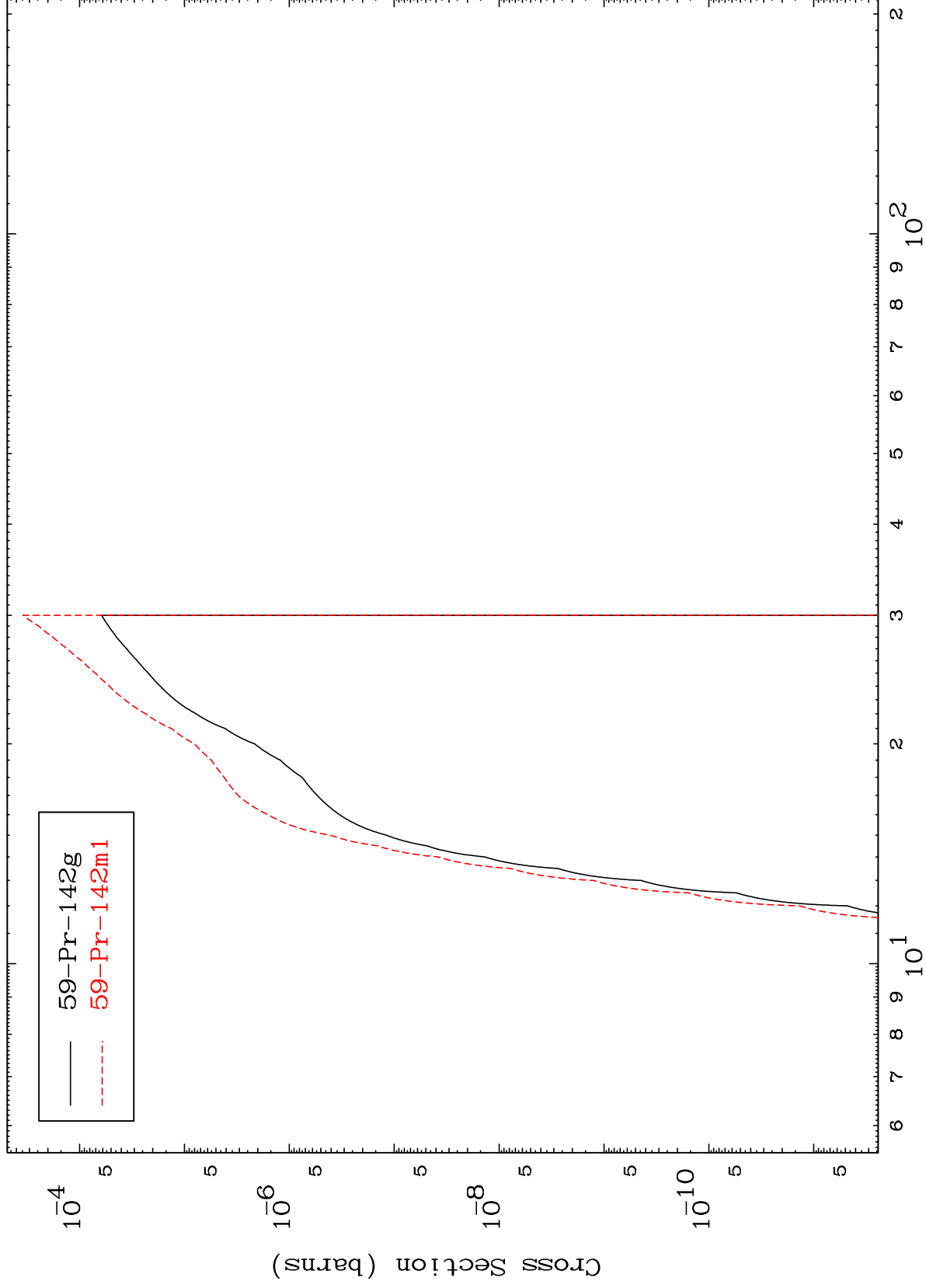




MAT 6149

61-Pm-147

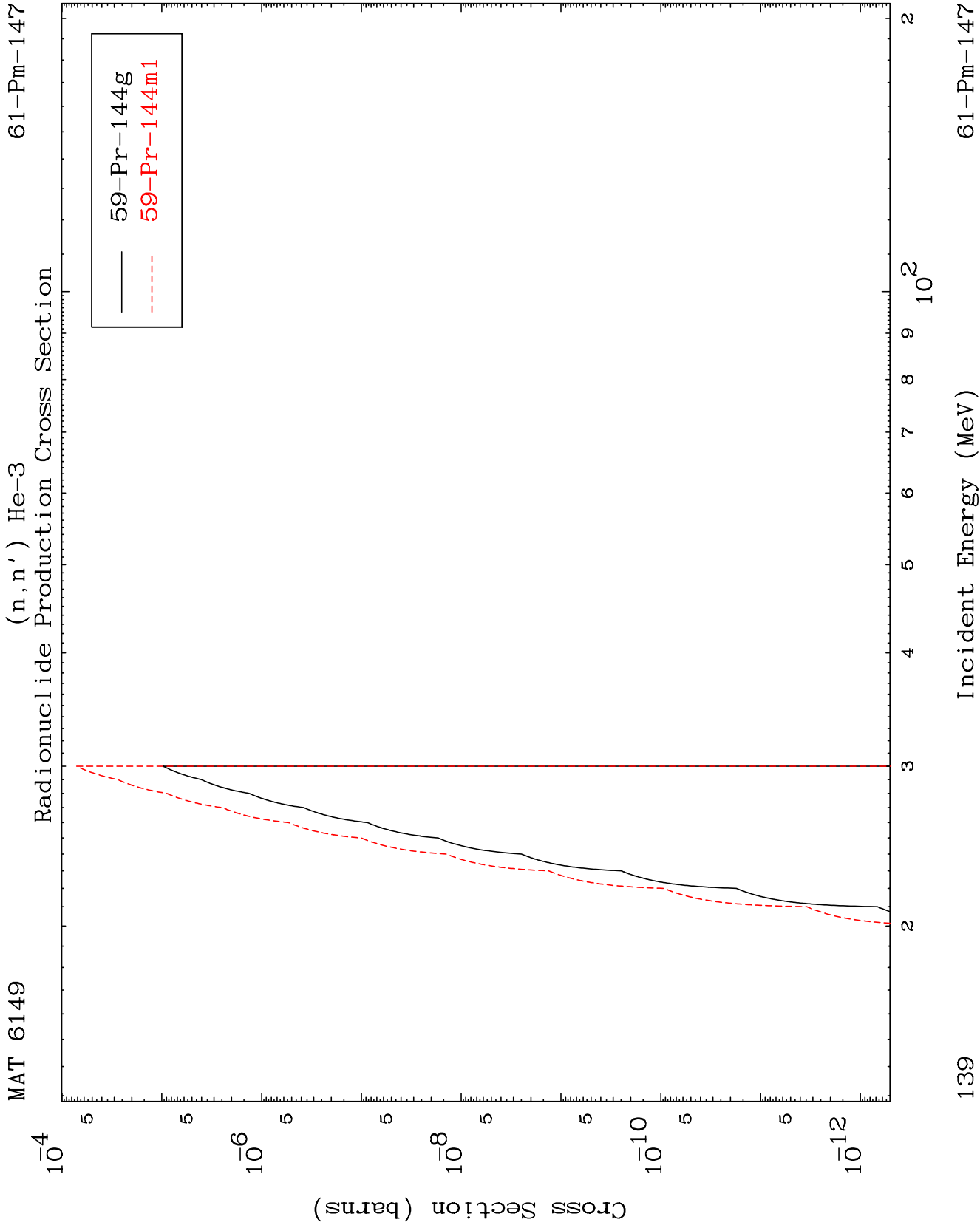
(n,2n) α
Radionuclide Production Cross Section



138

Incident Energy (MeV)

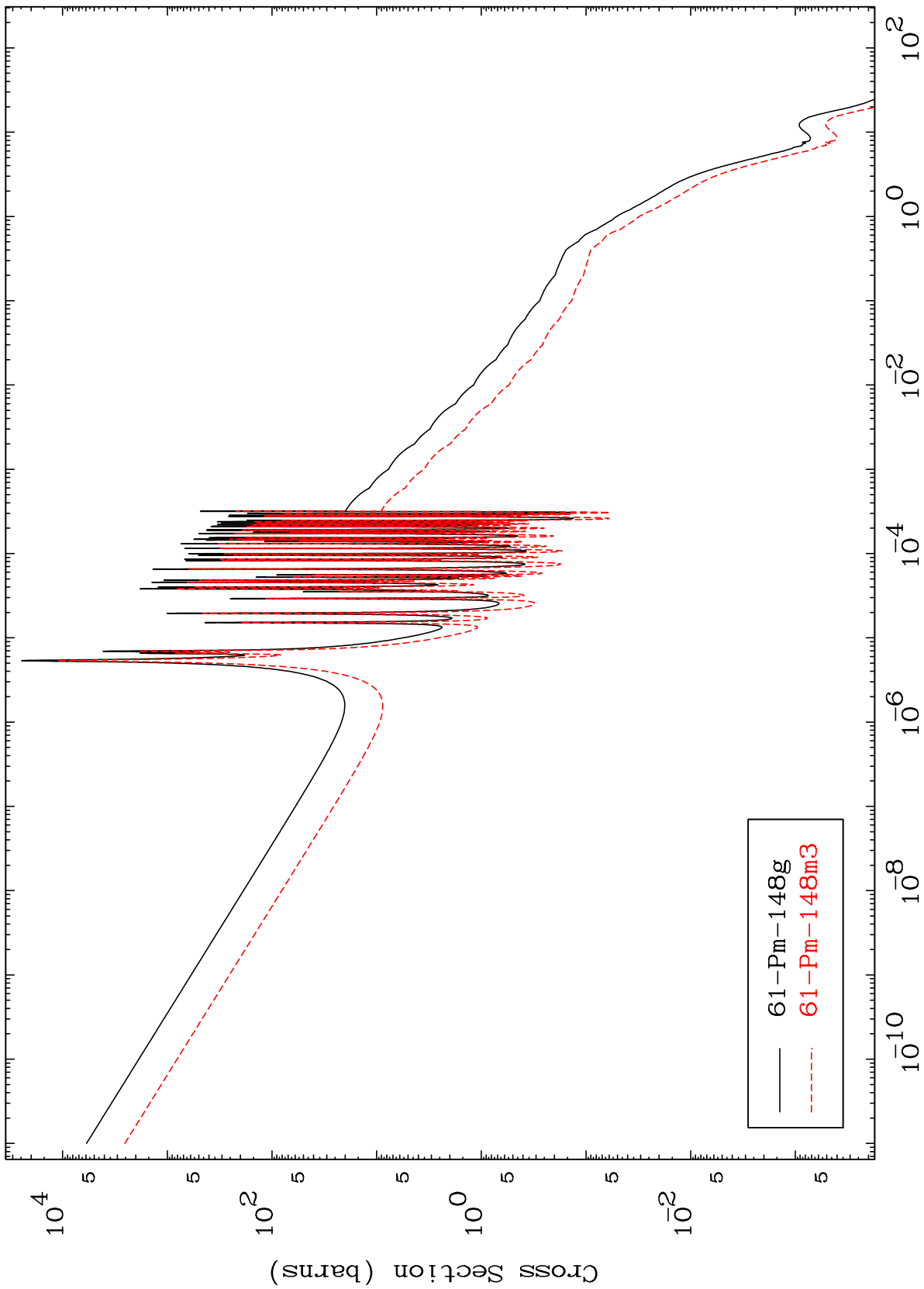
61-Pm-147



MAT 6149

61-Pm-147

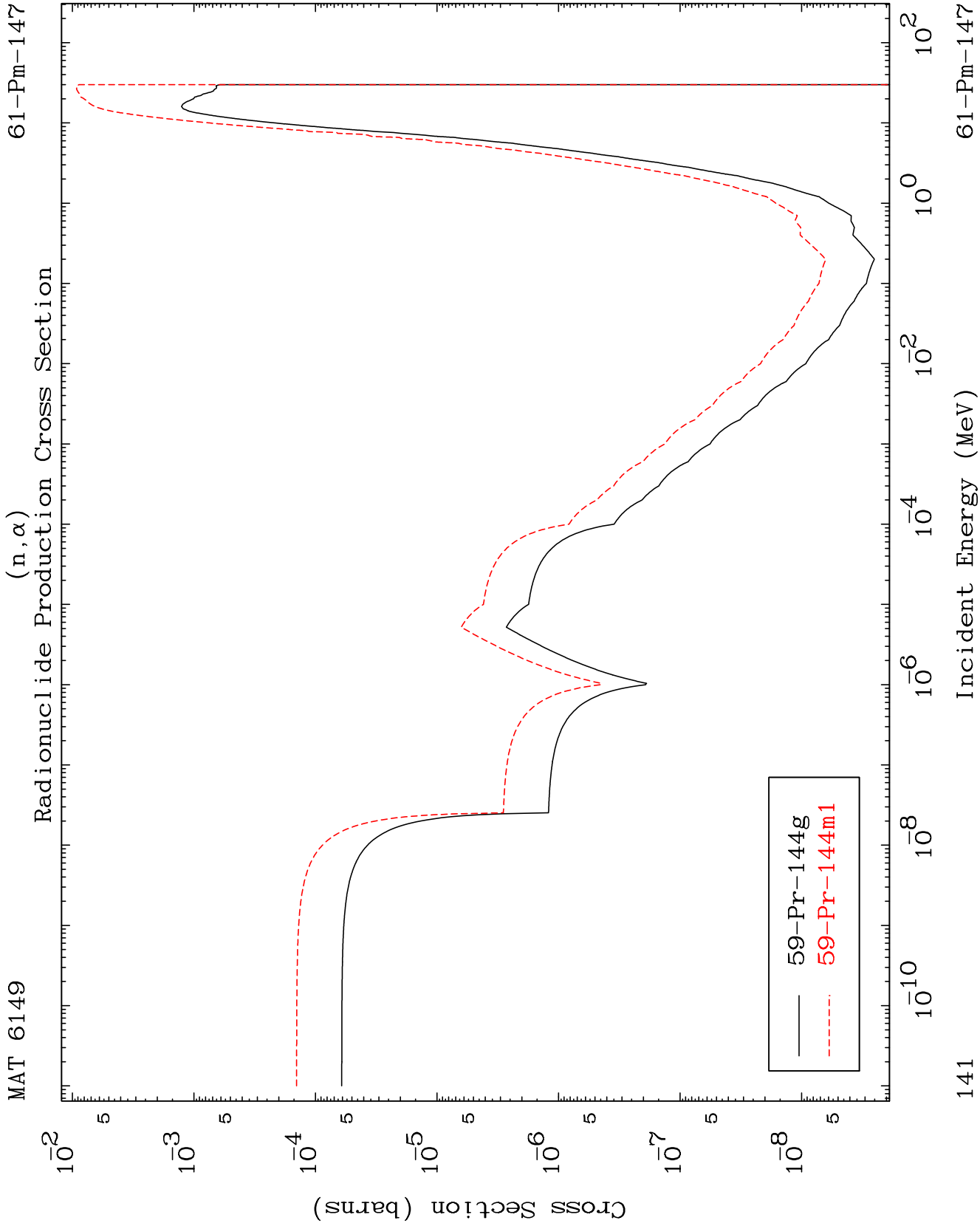
(n, γ)
Radionuclide Production Cross Section



61-Pm-147

Incident Energy (MeV)

140



Radionuclide Production Cross Section

