

Program EVALPLOT
(Version 2021-1)

by

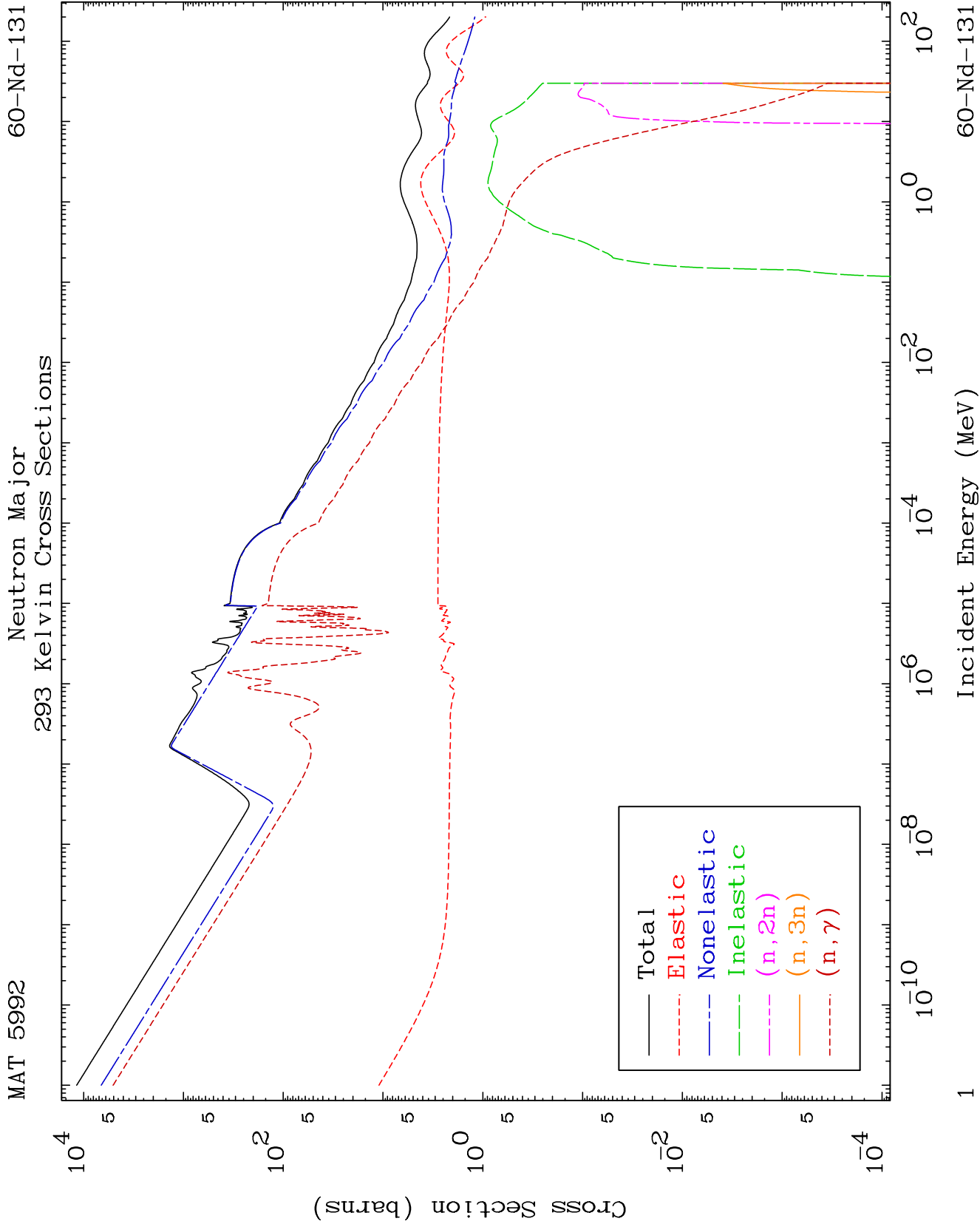
Dermott E. Cullen
(Present Contact Information)

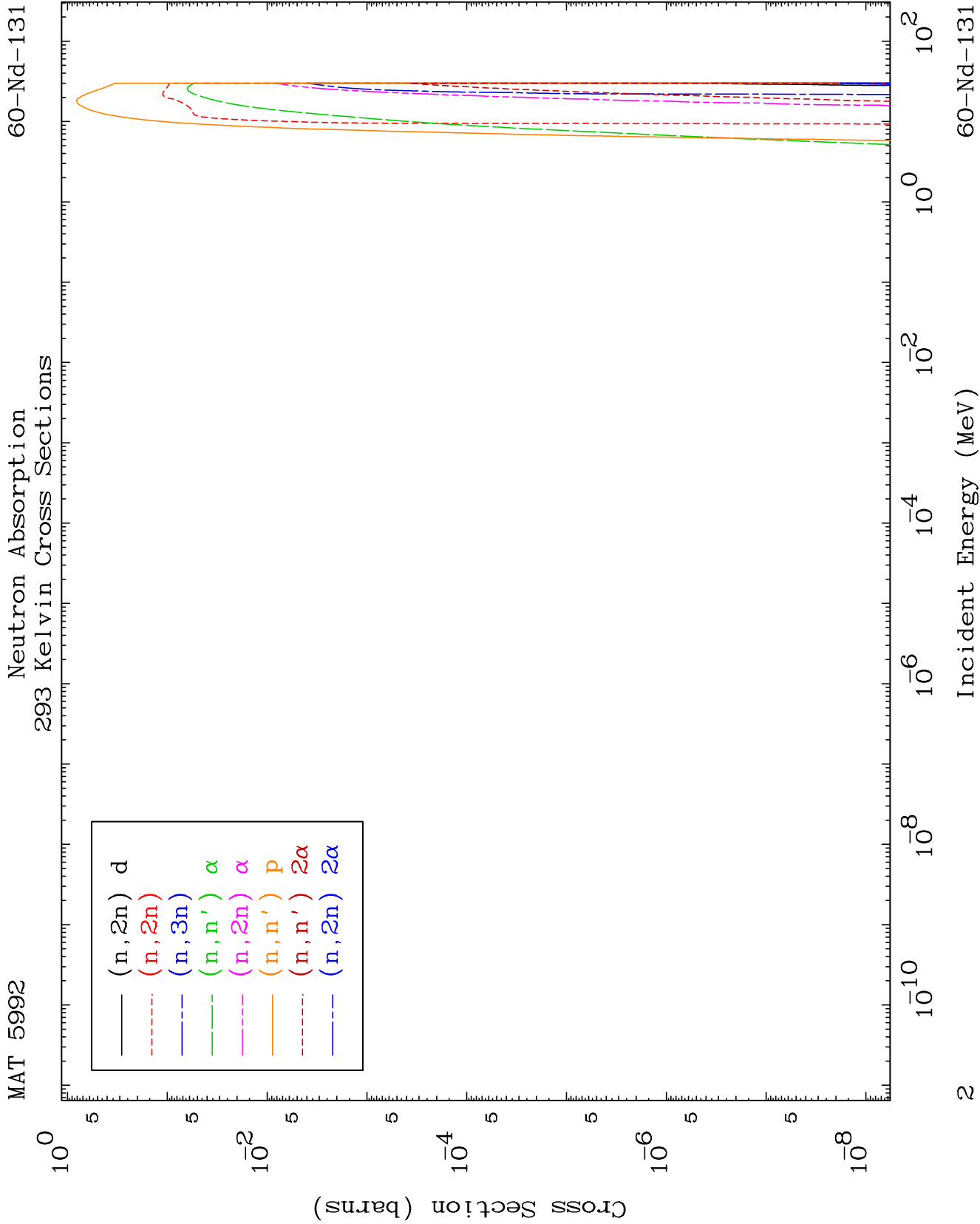
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

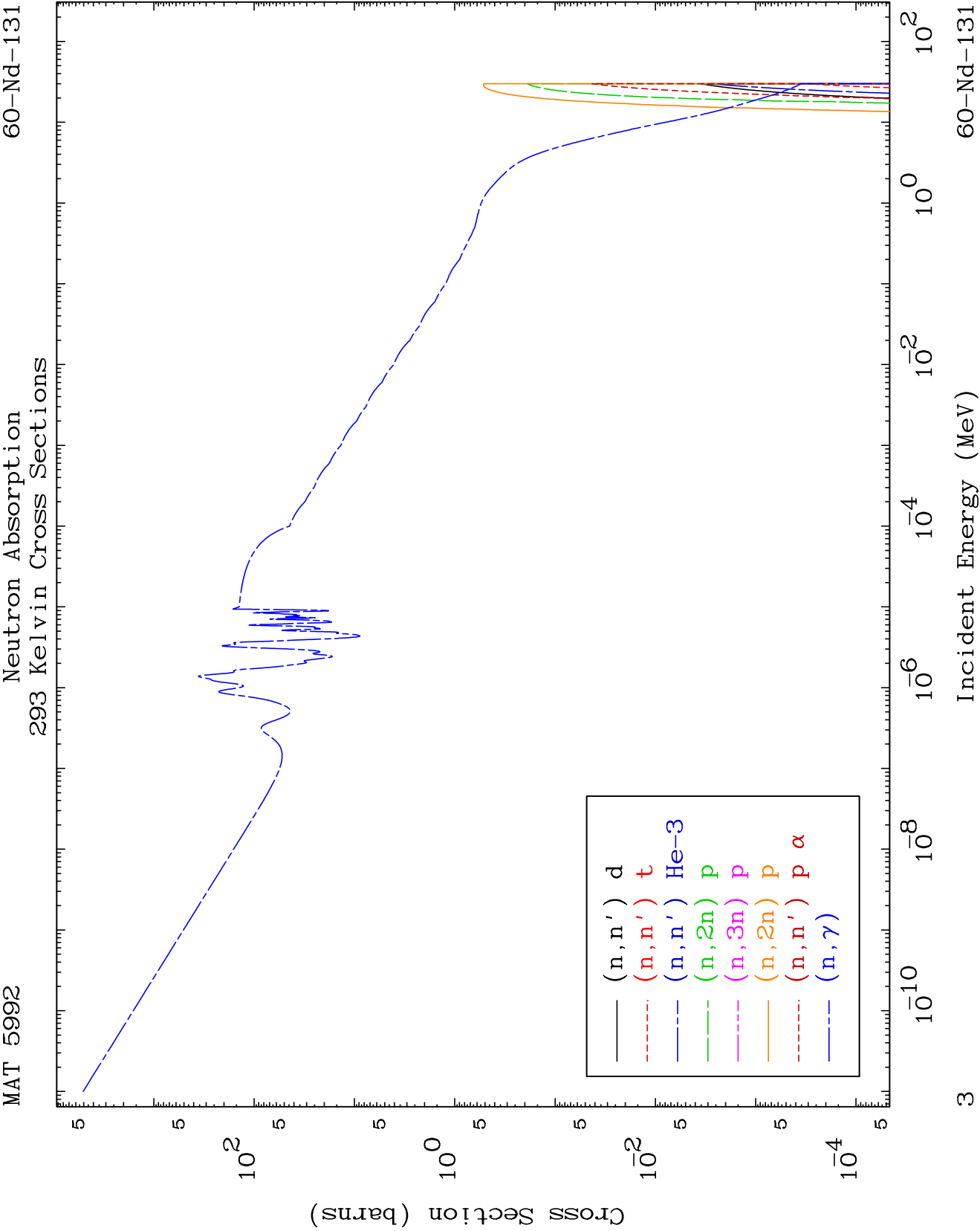
Tele: 925-443-1911

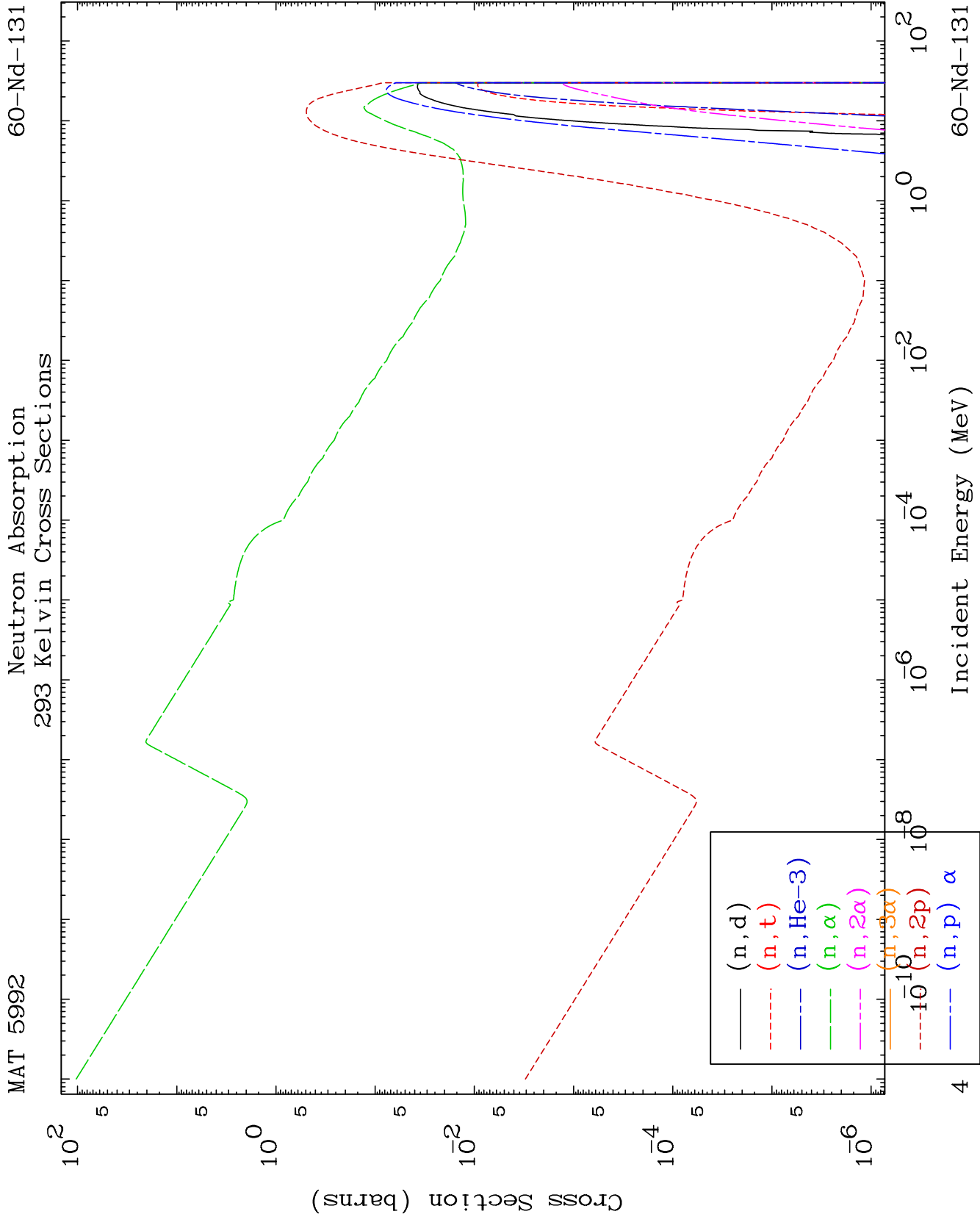
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

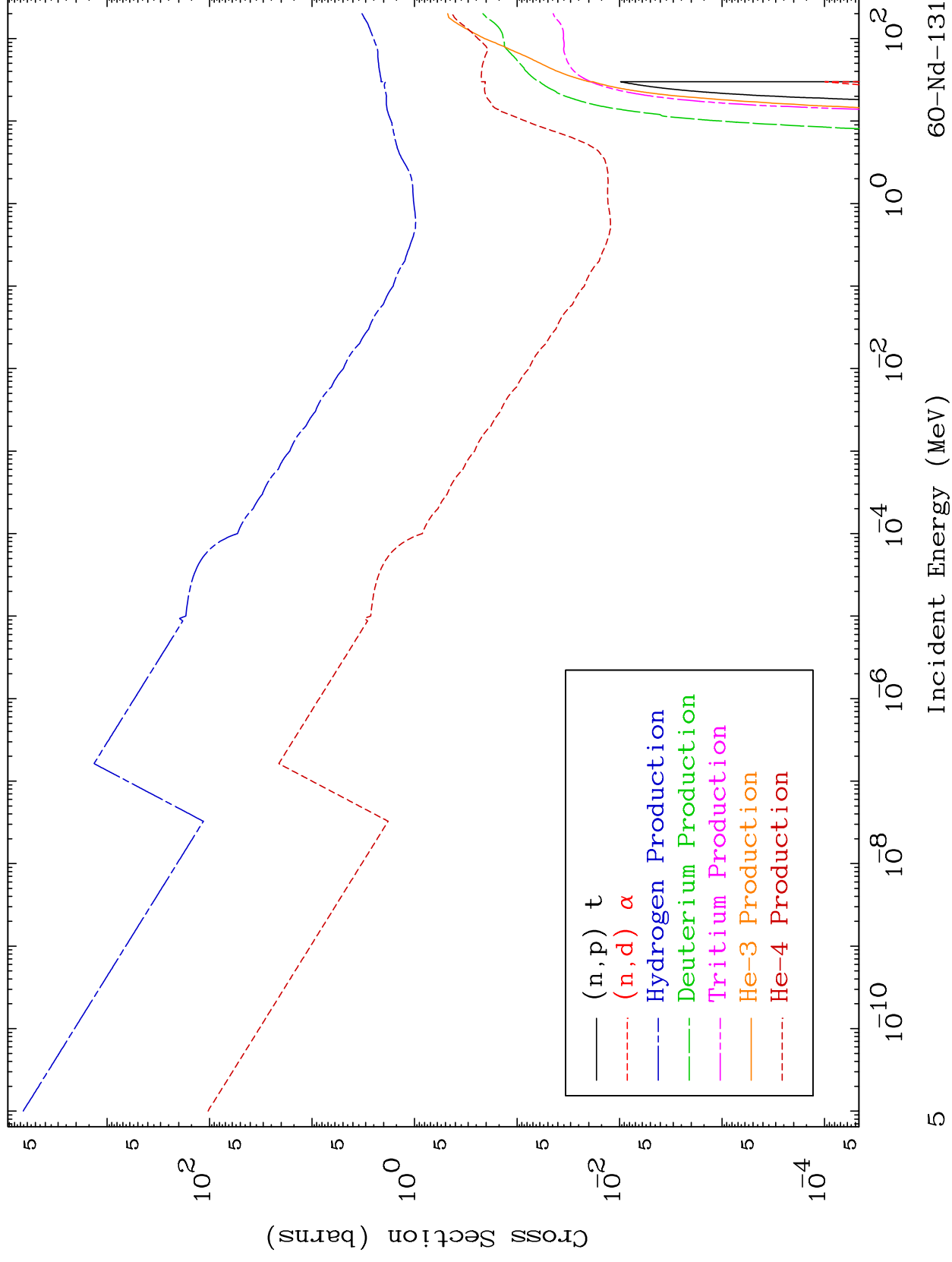
Press Mouse Button to Start

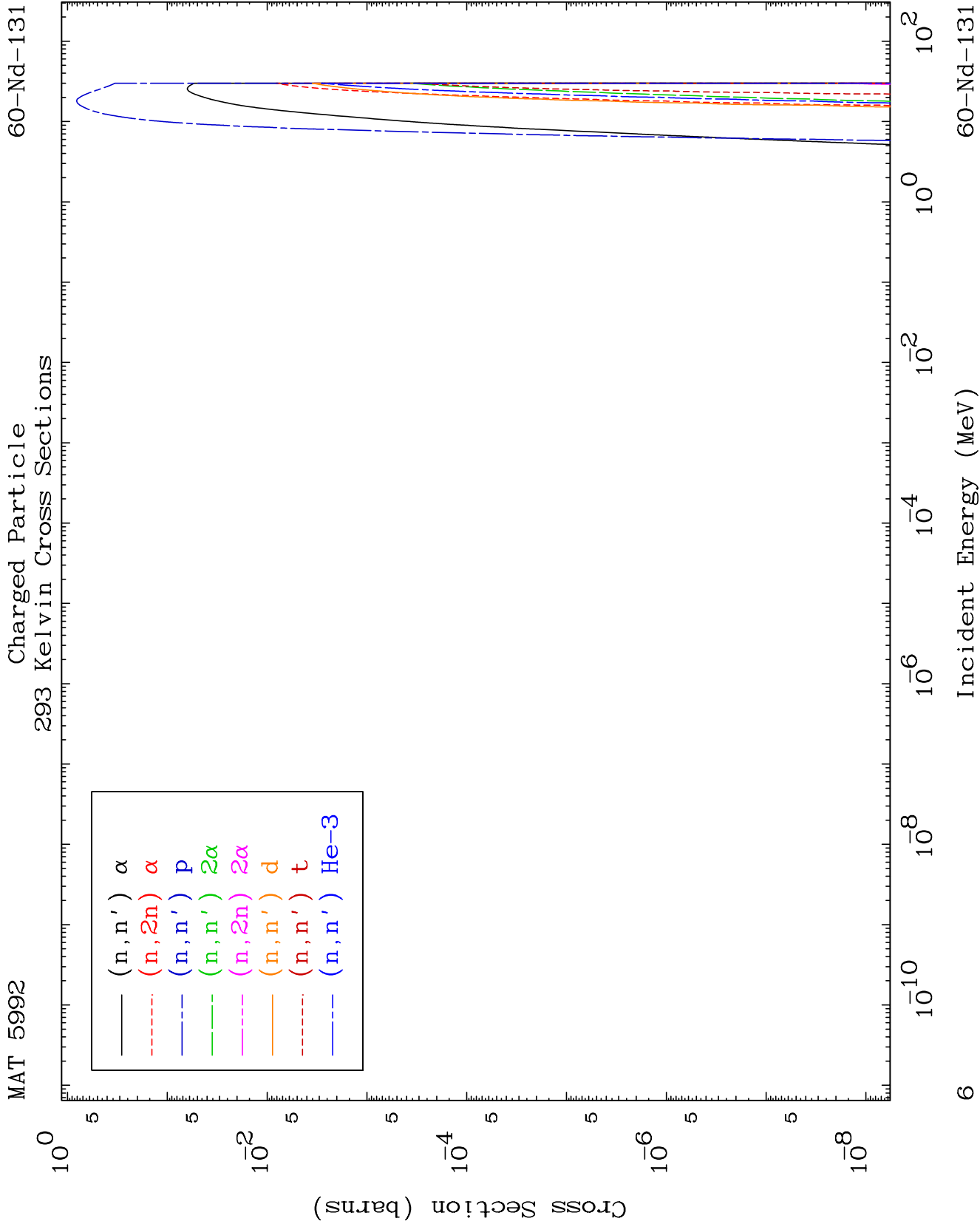


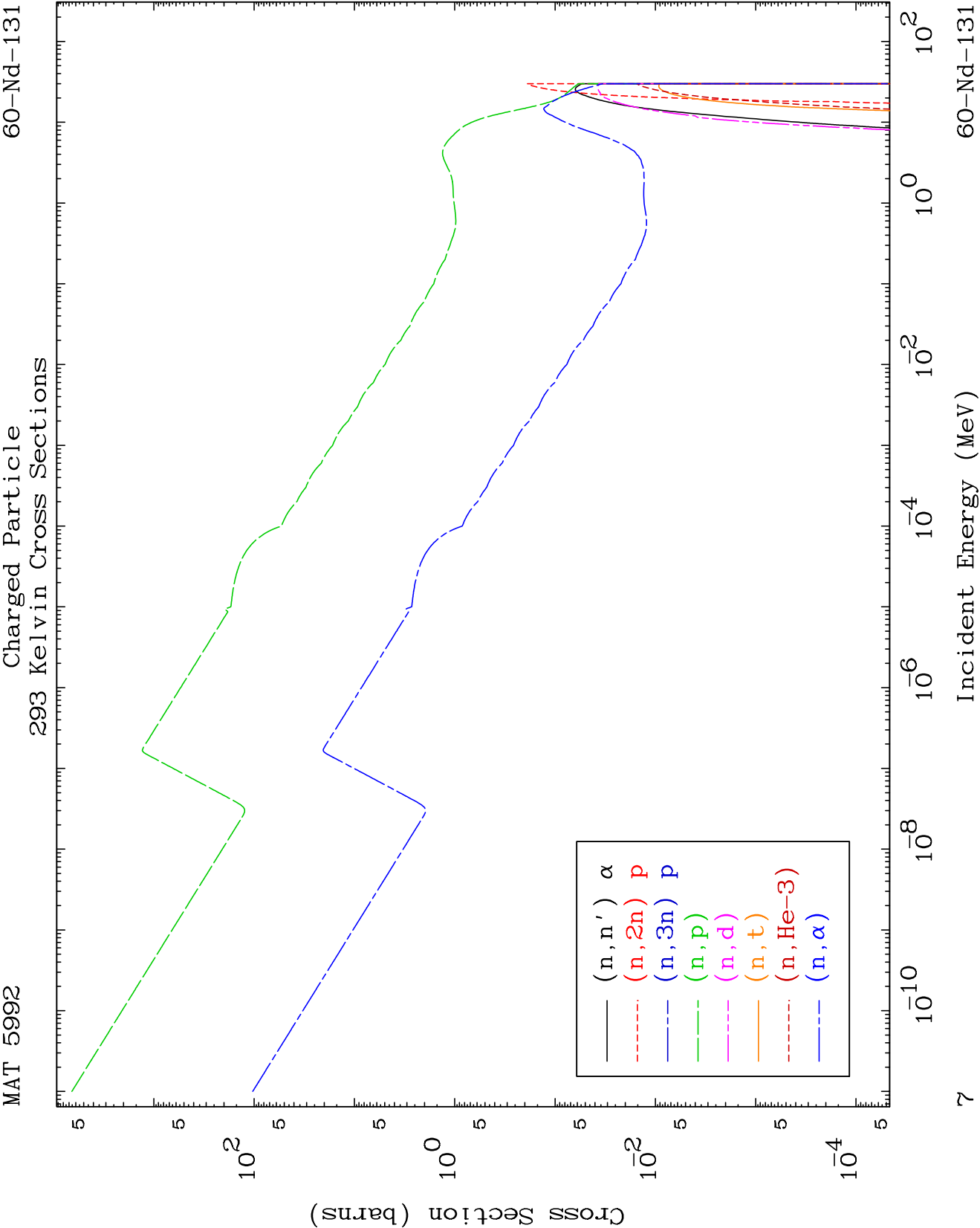








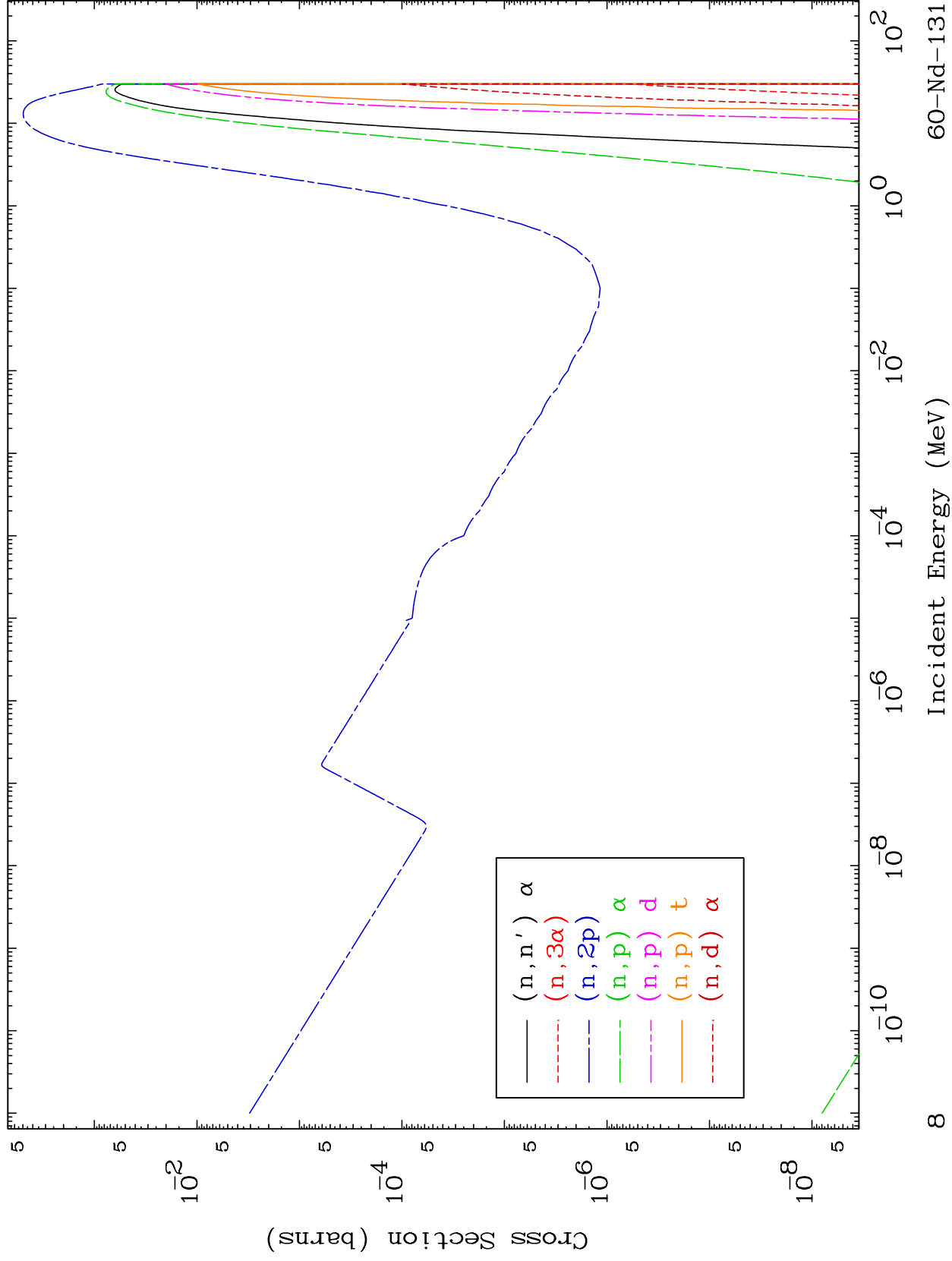


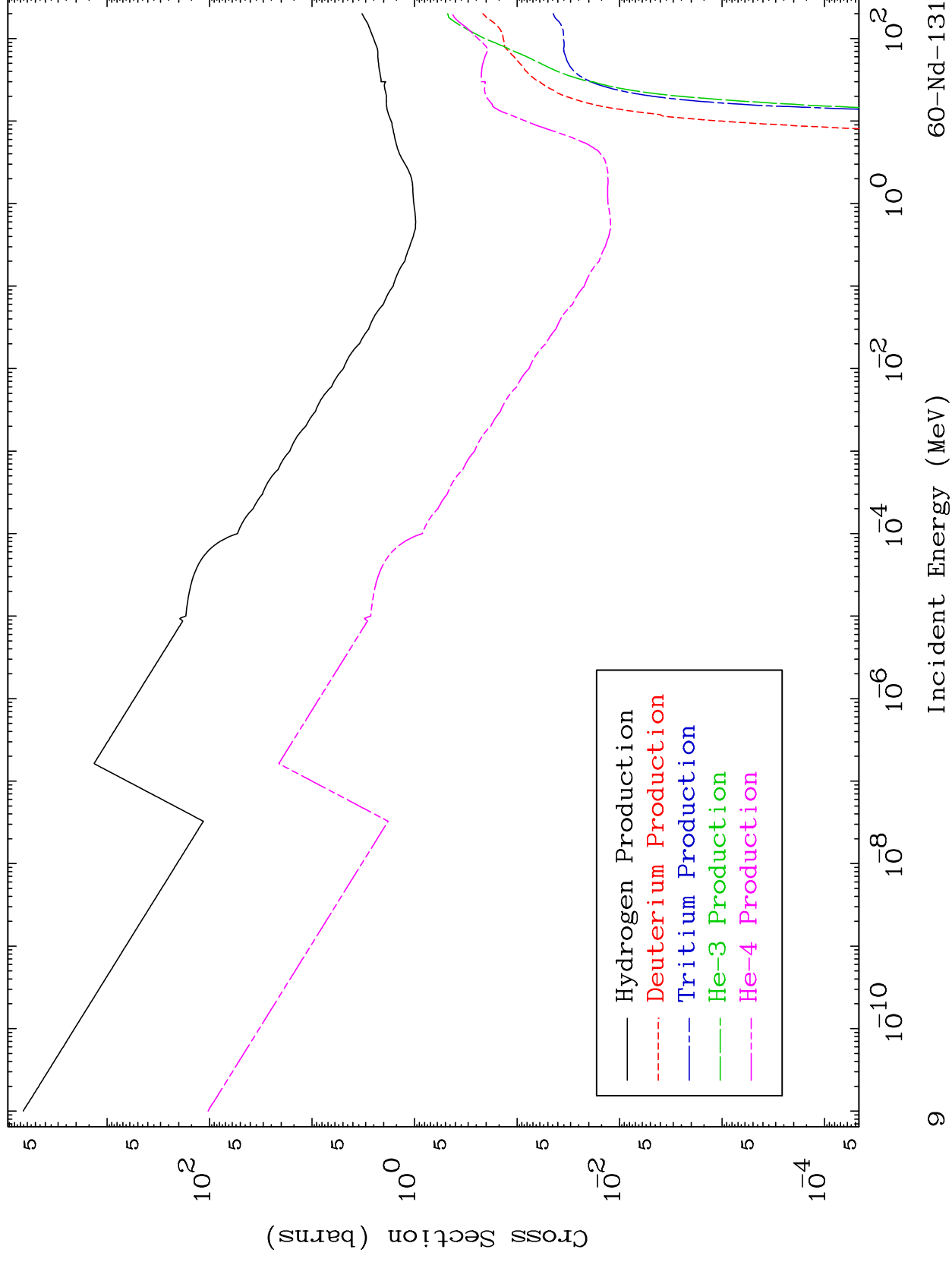


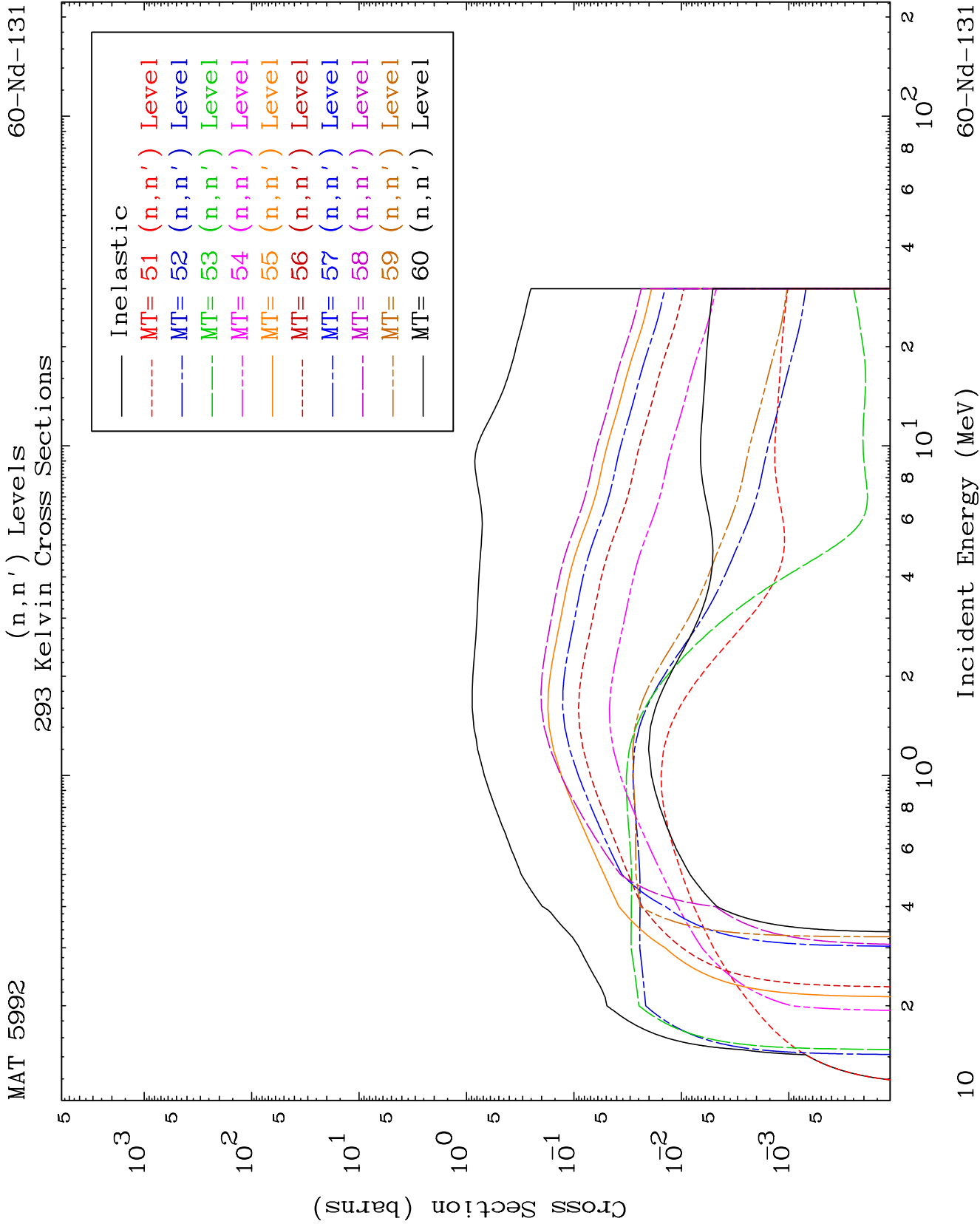
MAT 5992

Charged Particle
293 Kelvin Cross Sections

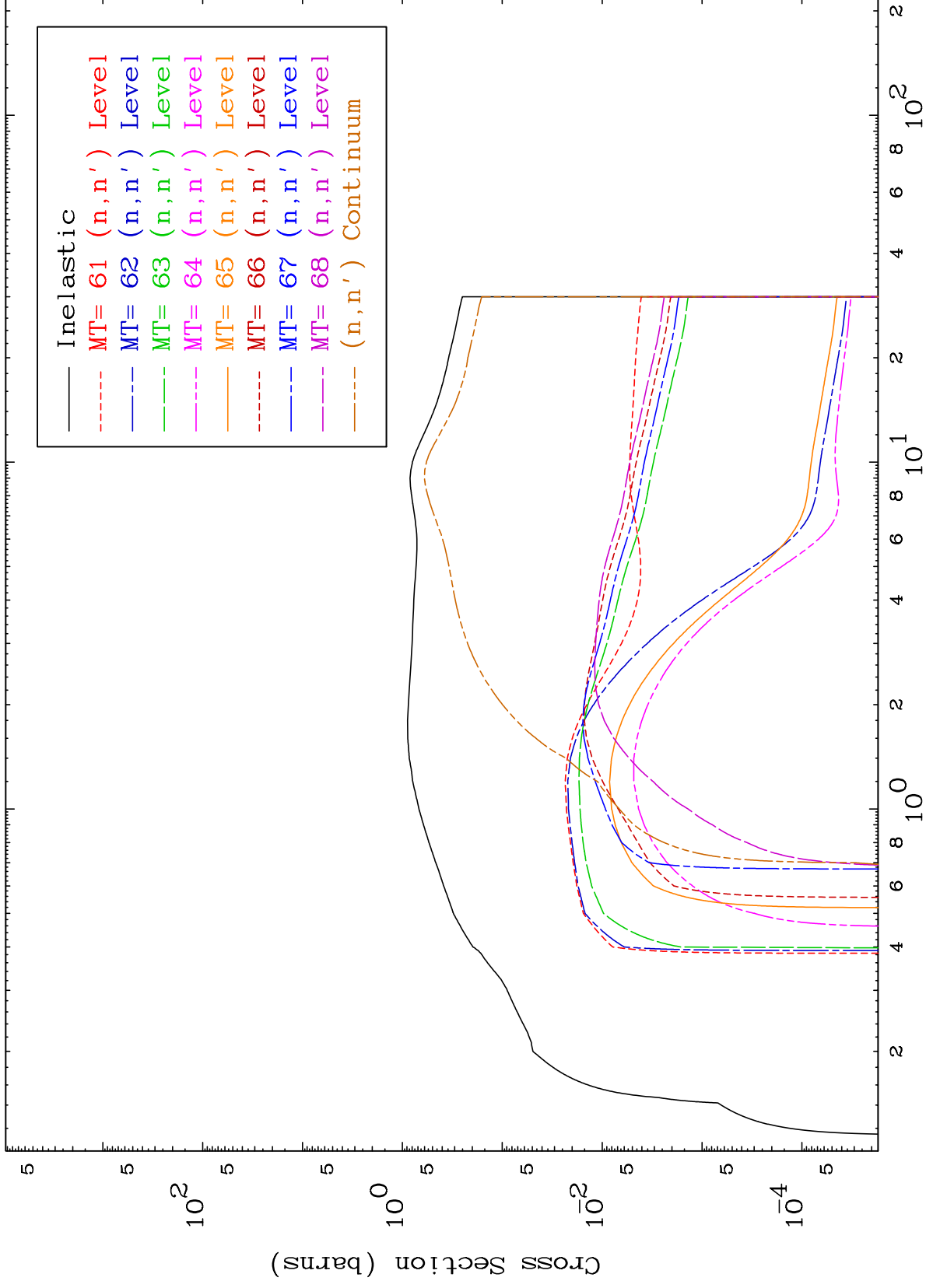
60-Nd-131

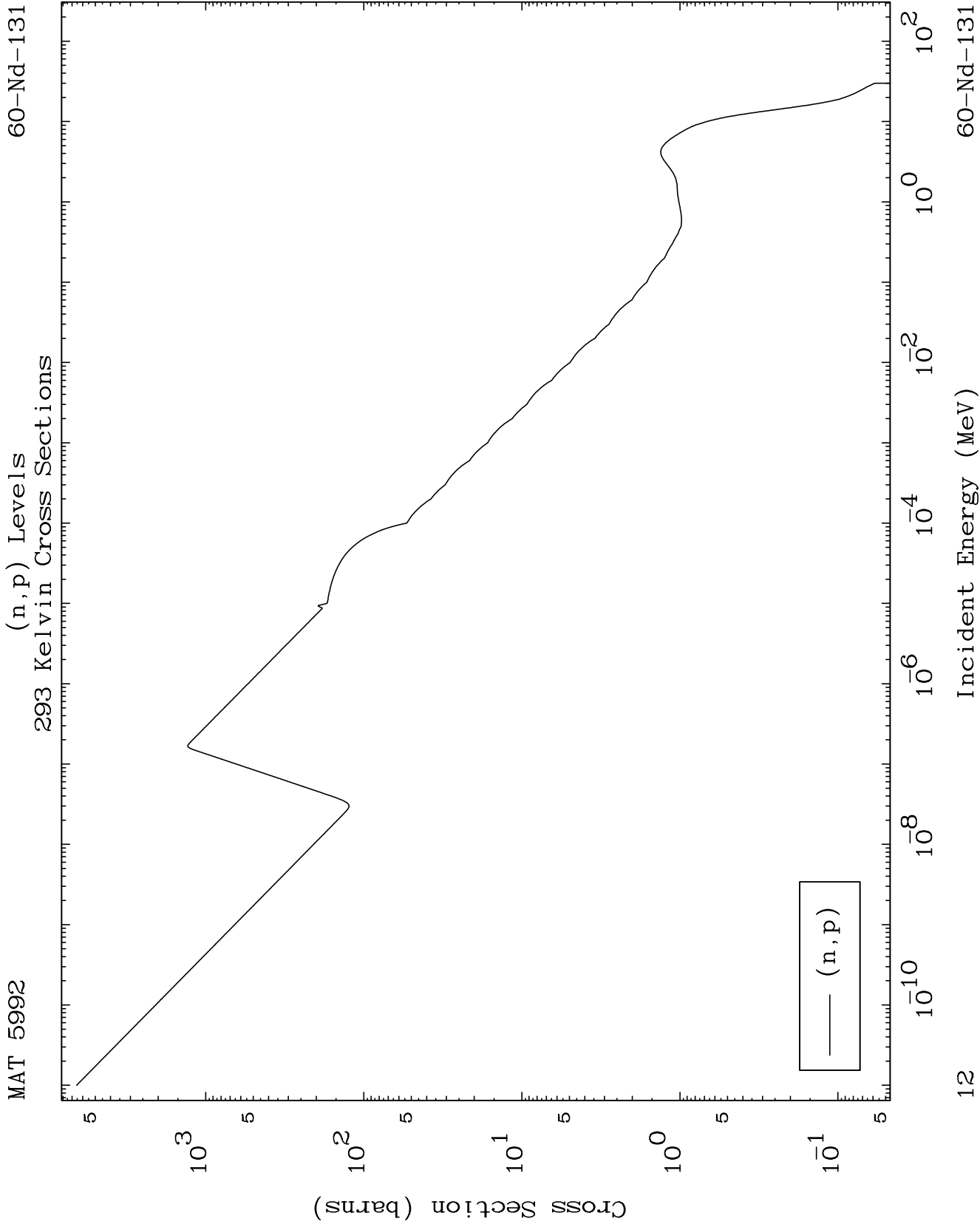






293 Kelvin Cross Sections

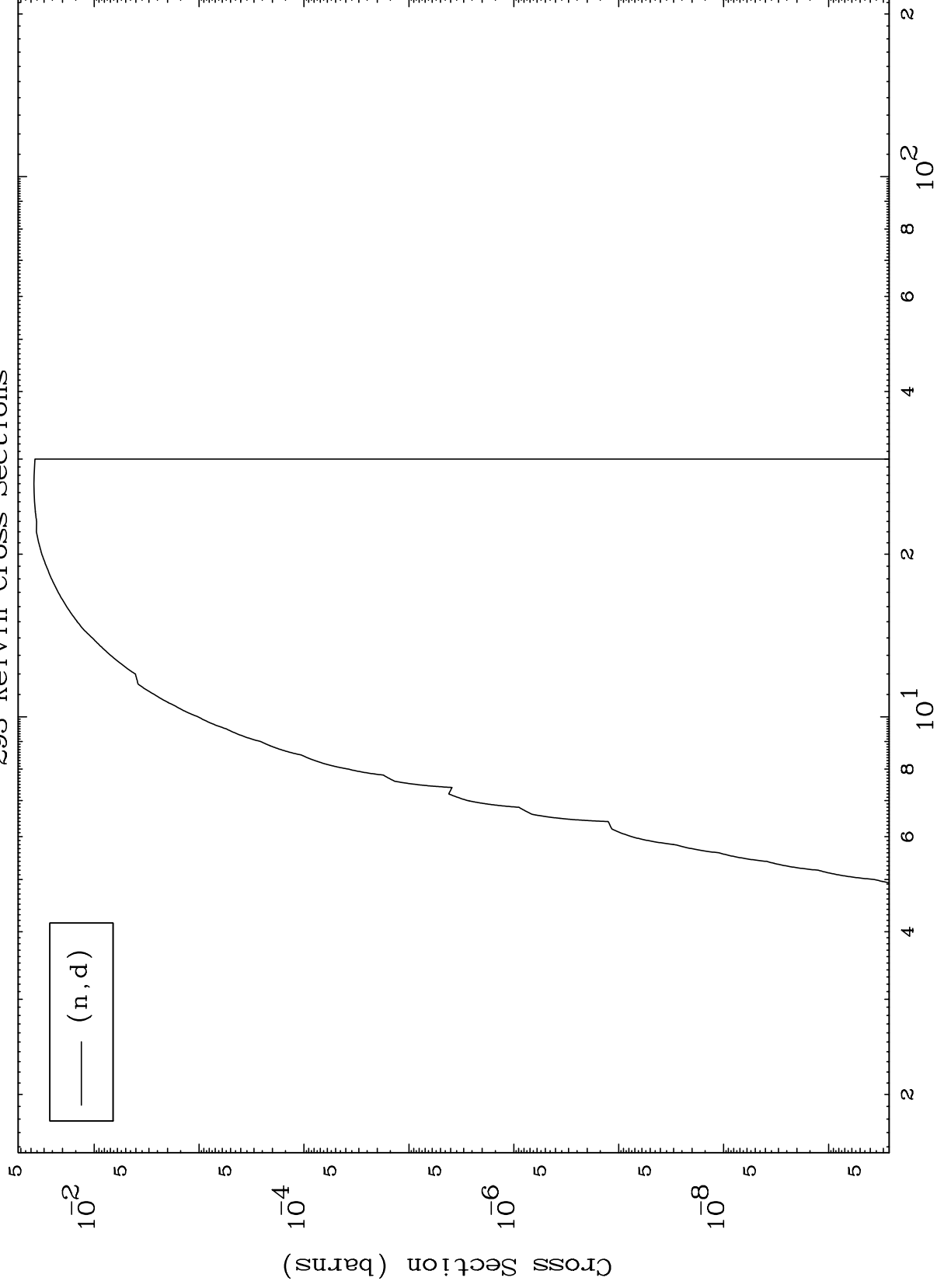




MAT 5992

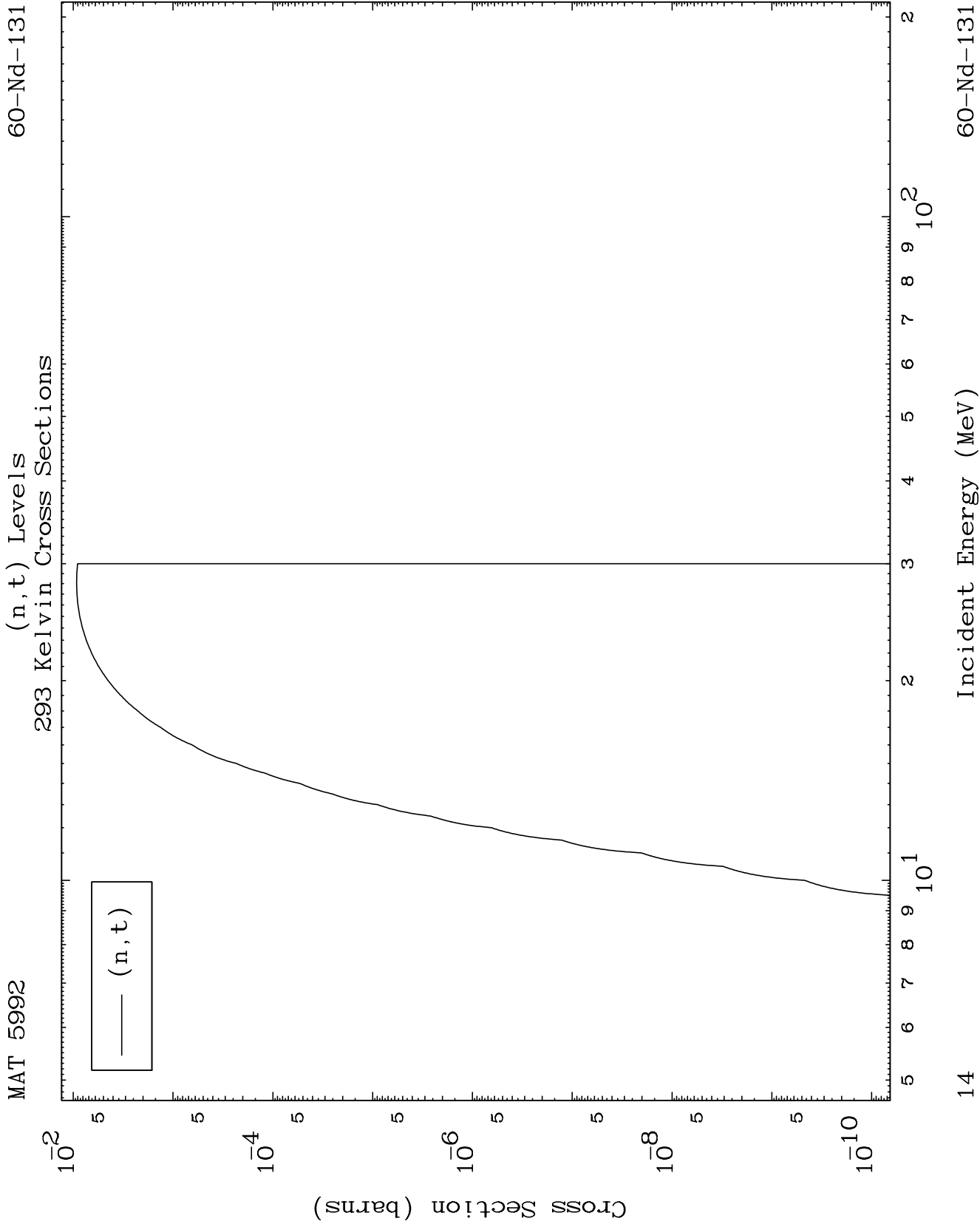
60-Nd-131

(n,d) Levels
293 Kelvin Cross Sections



13

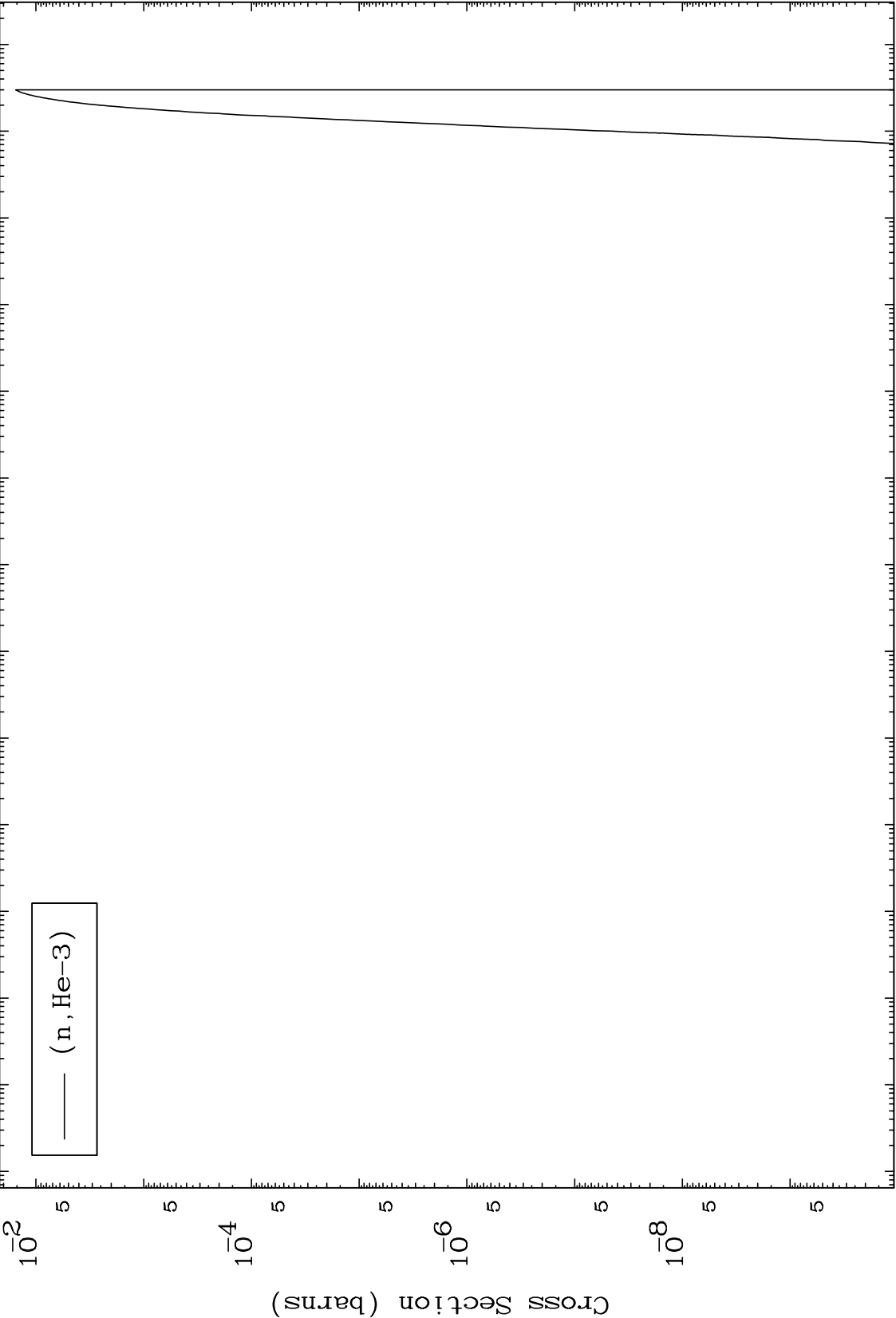
60-Nd-131



MAT 5992

(n,He3) Levels
293 Kelvin Cross Sections

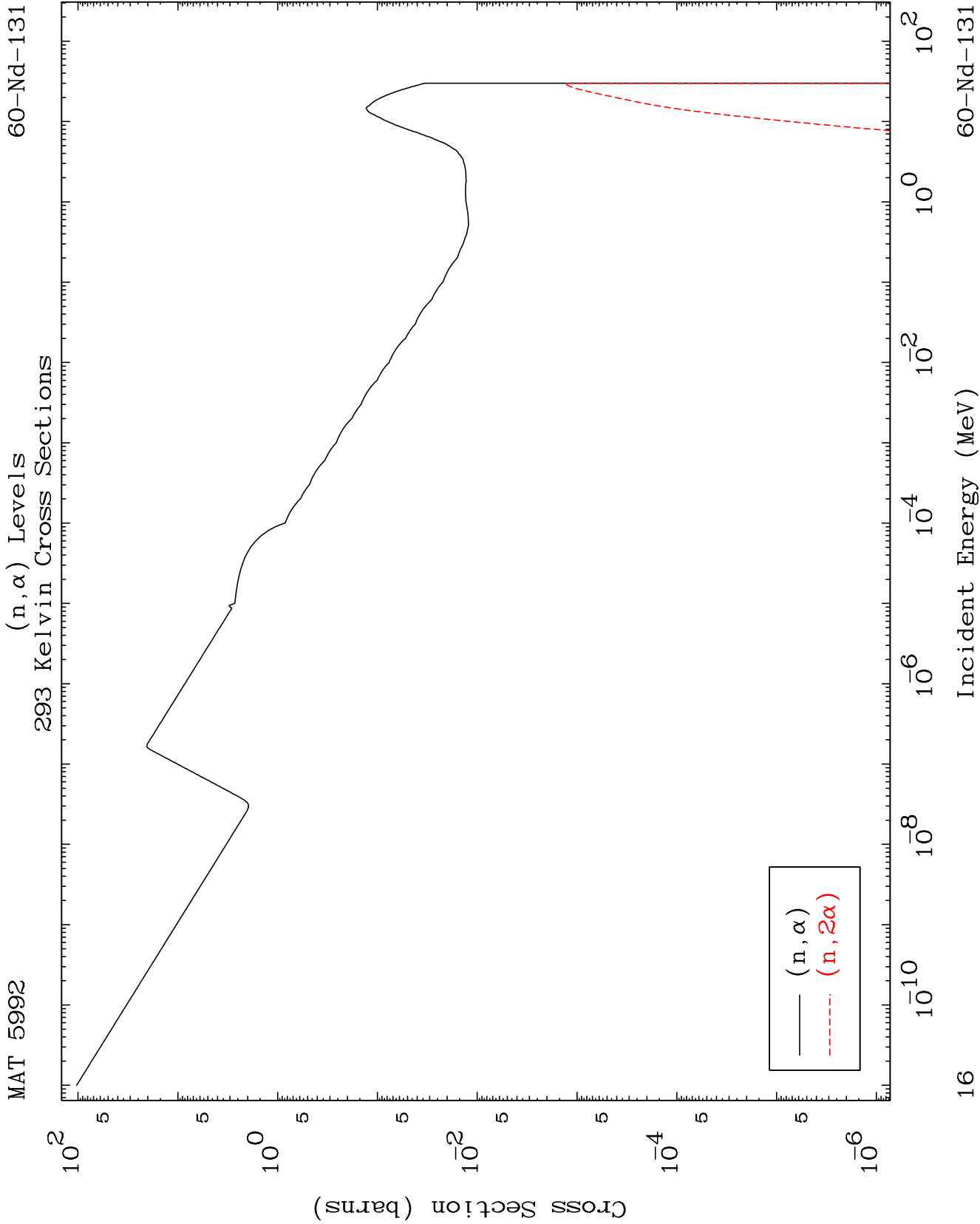
60-Nd-131

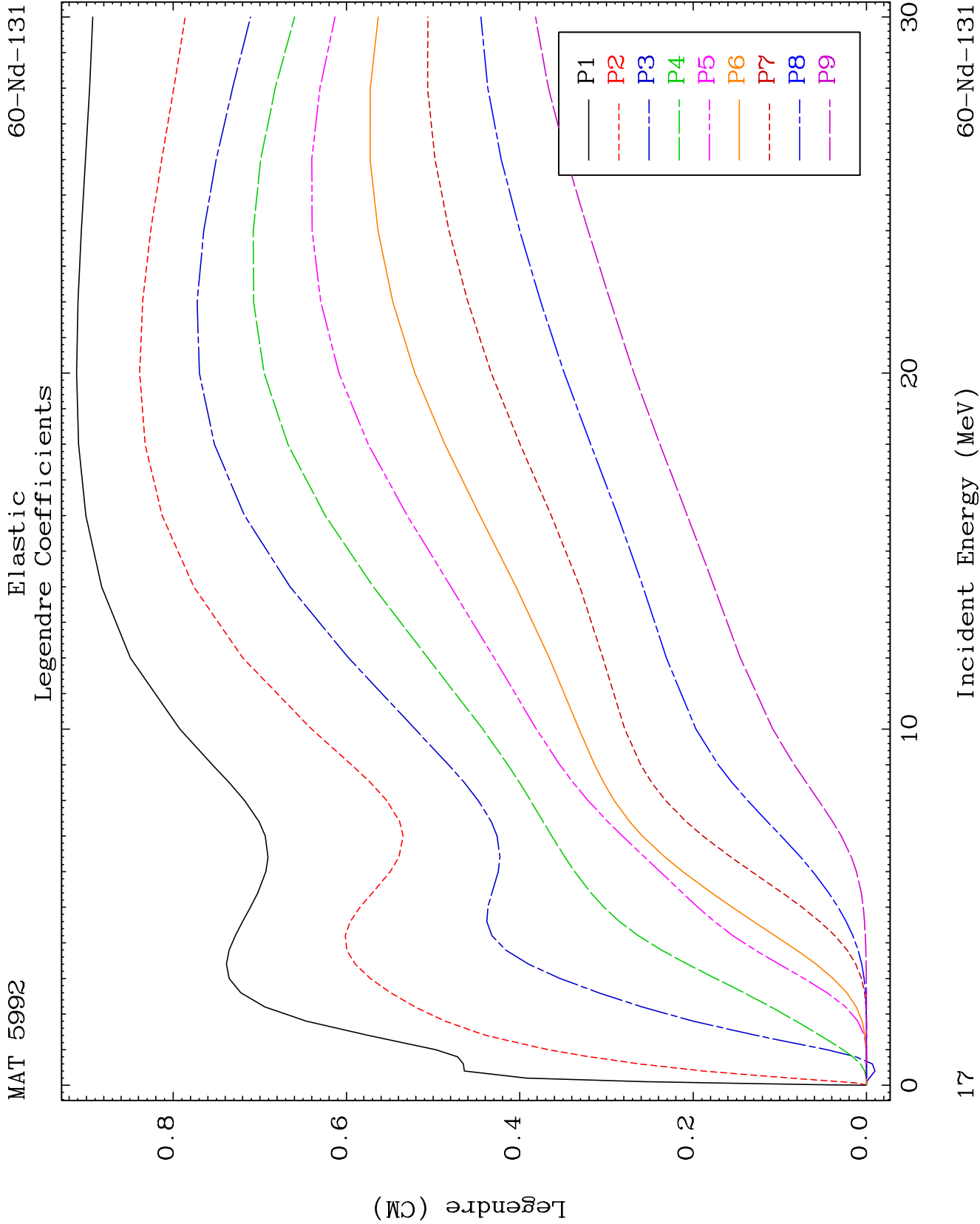


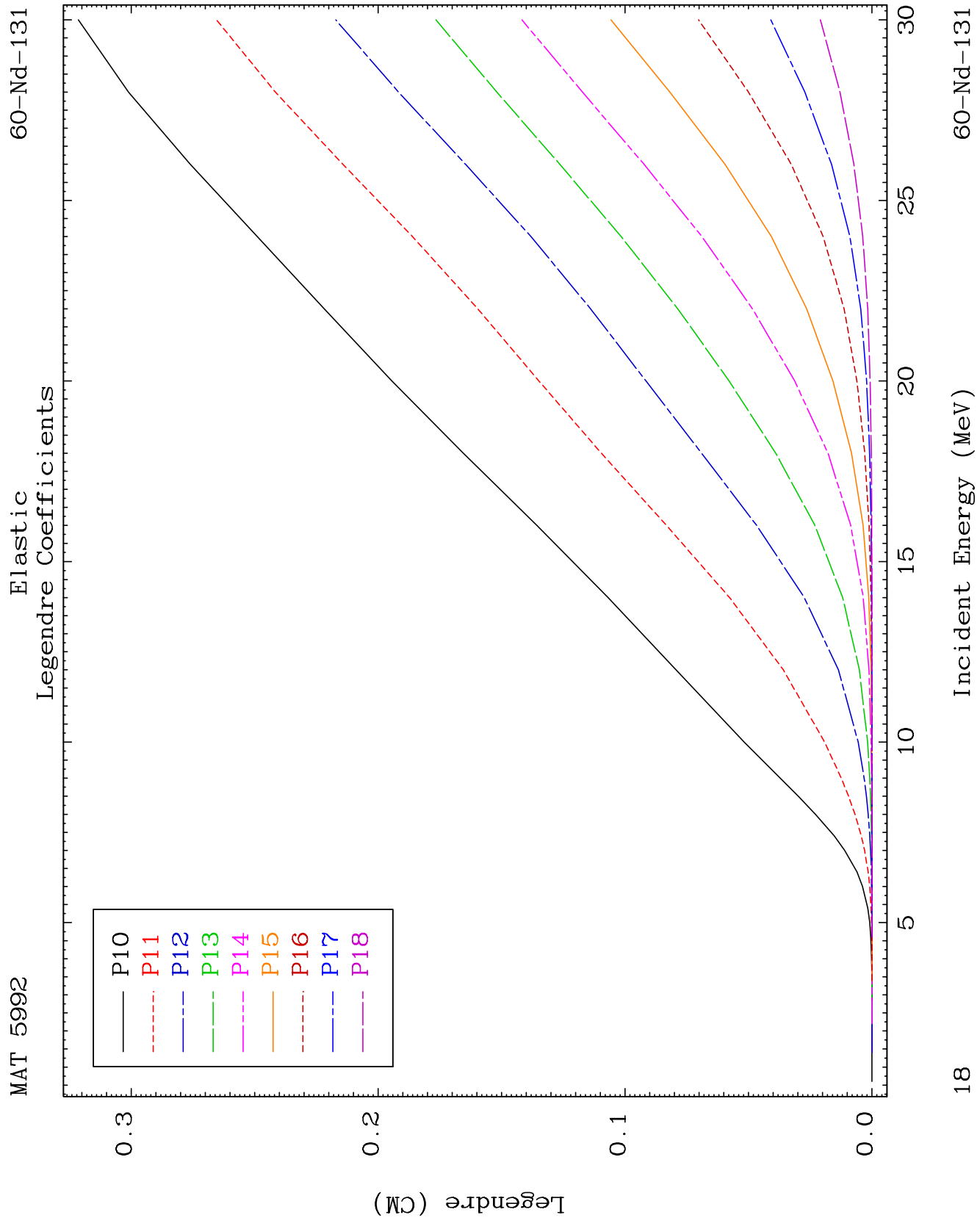
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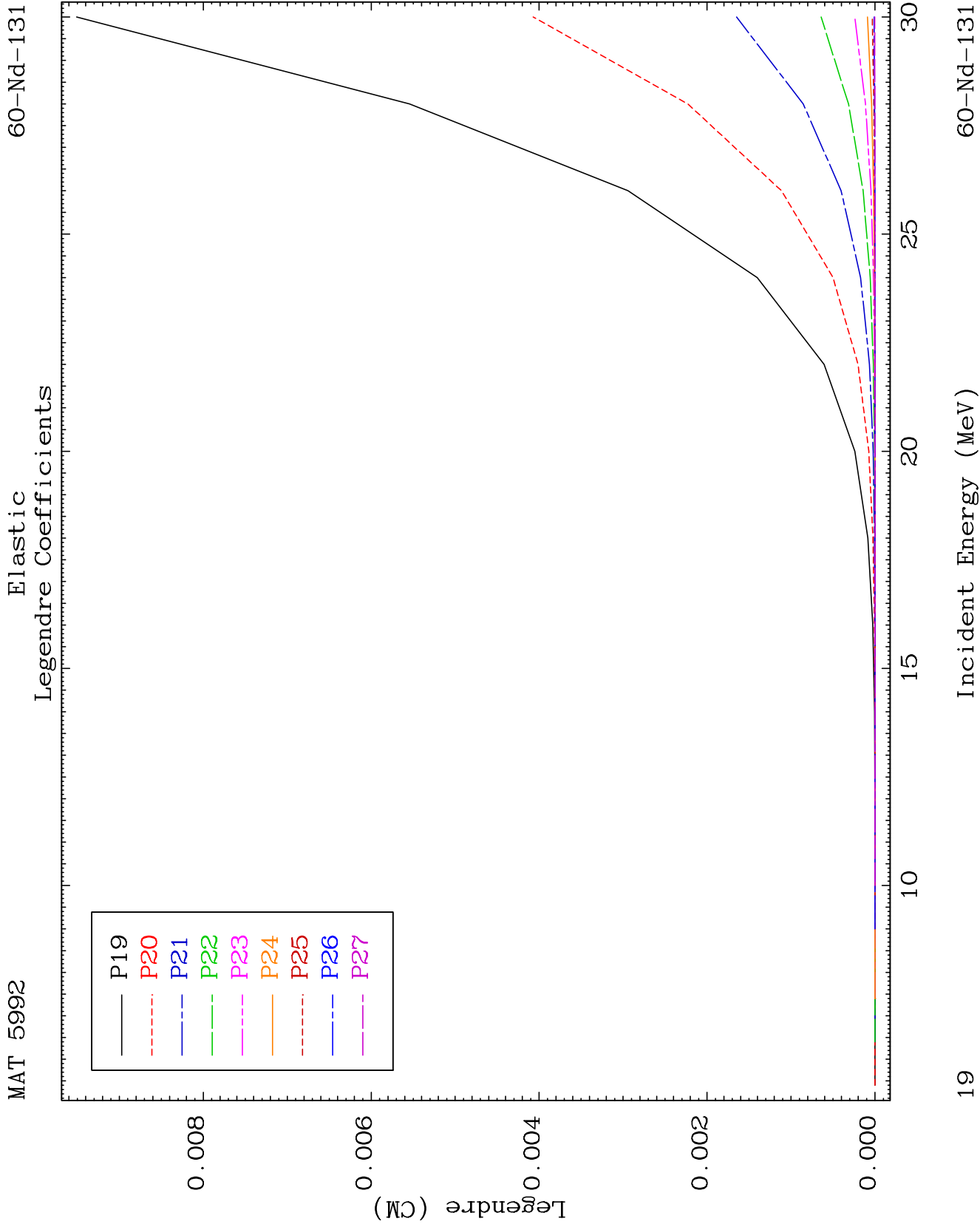
Incident Energy (MeV)

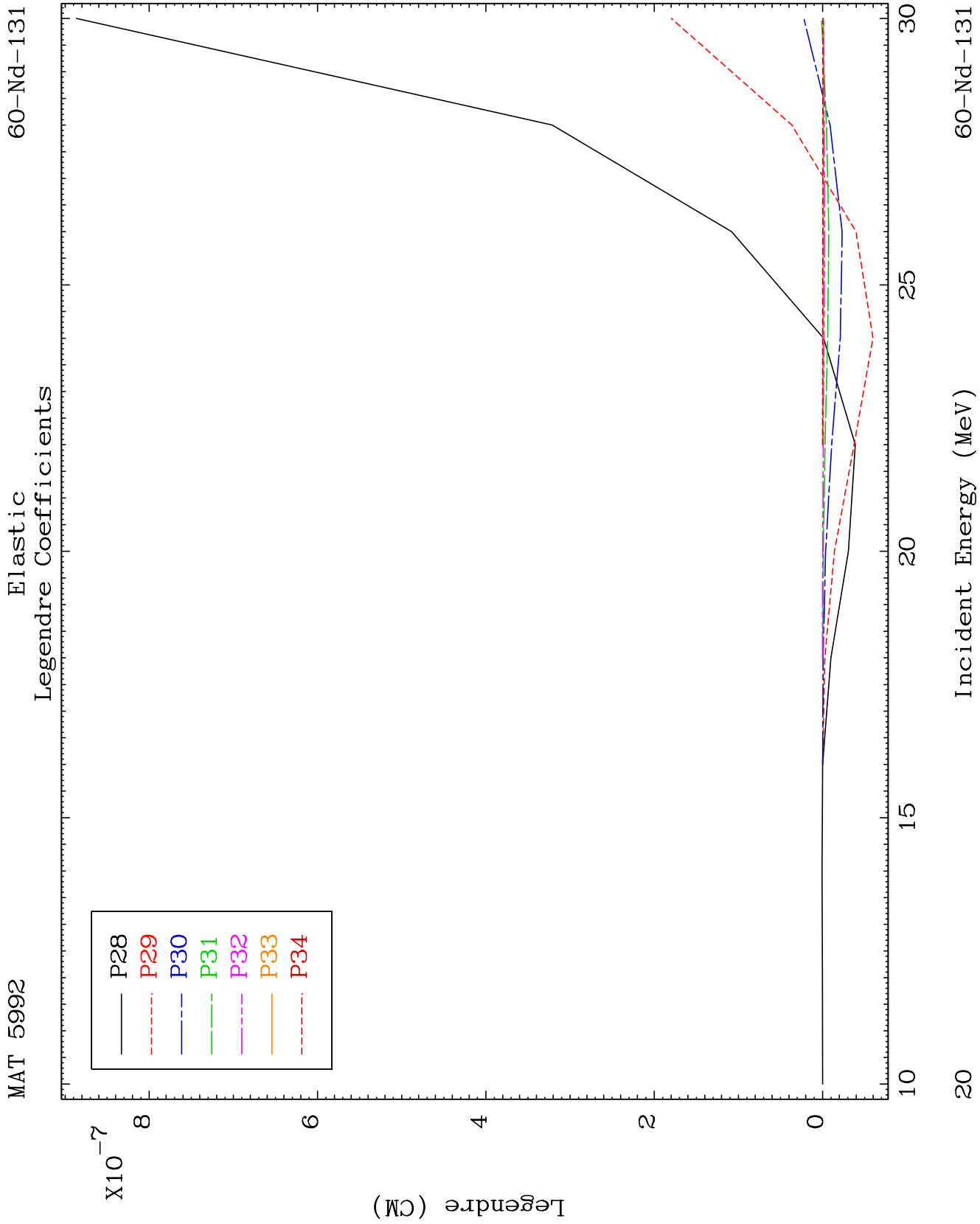
60-Nd-131

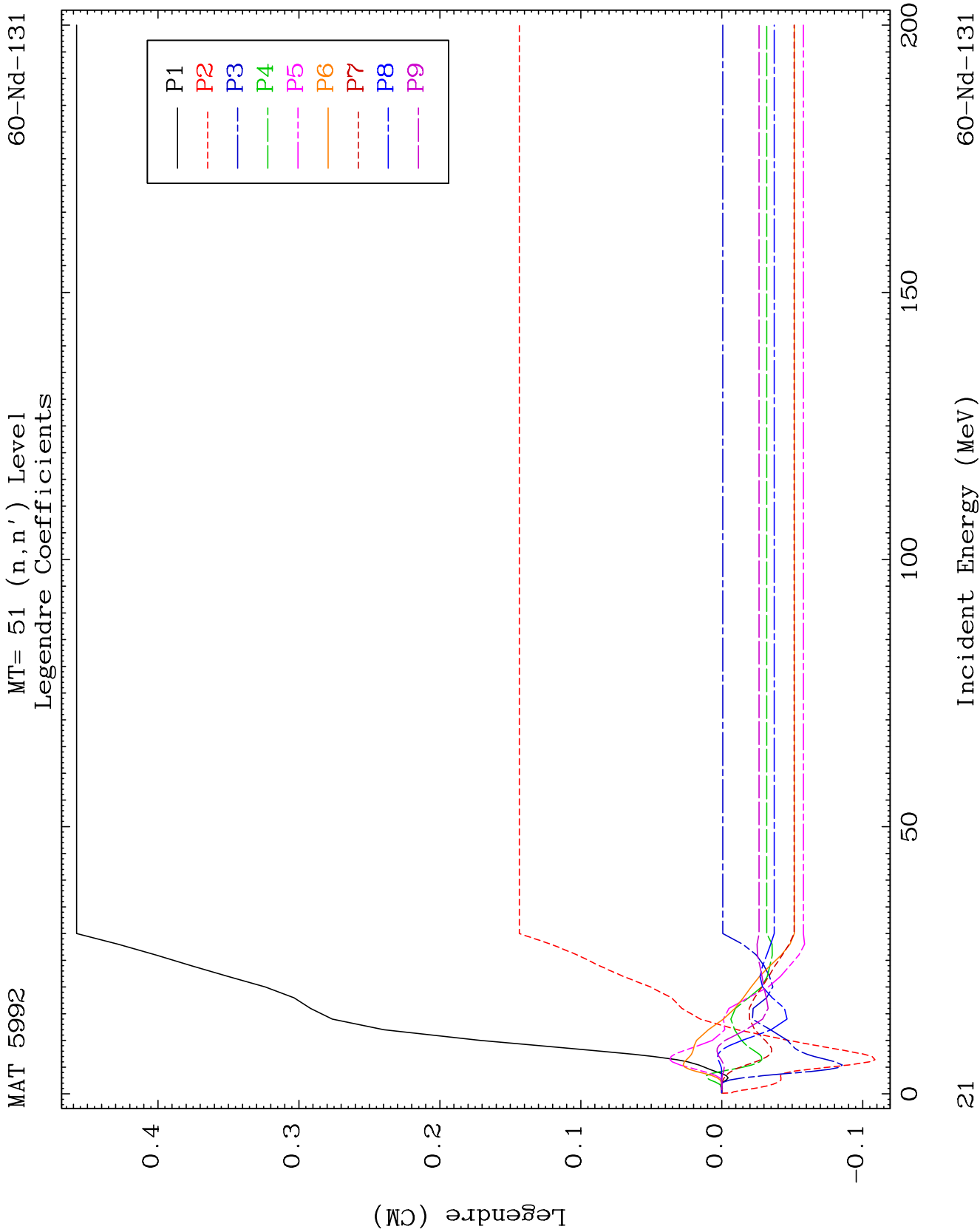








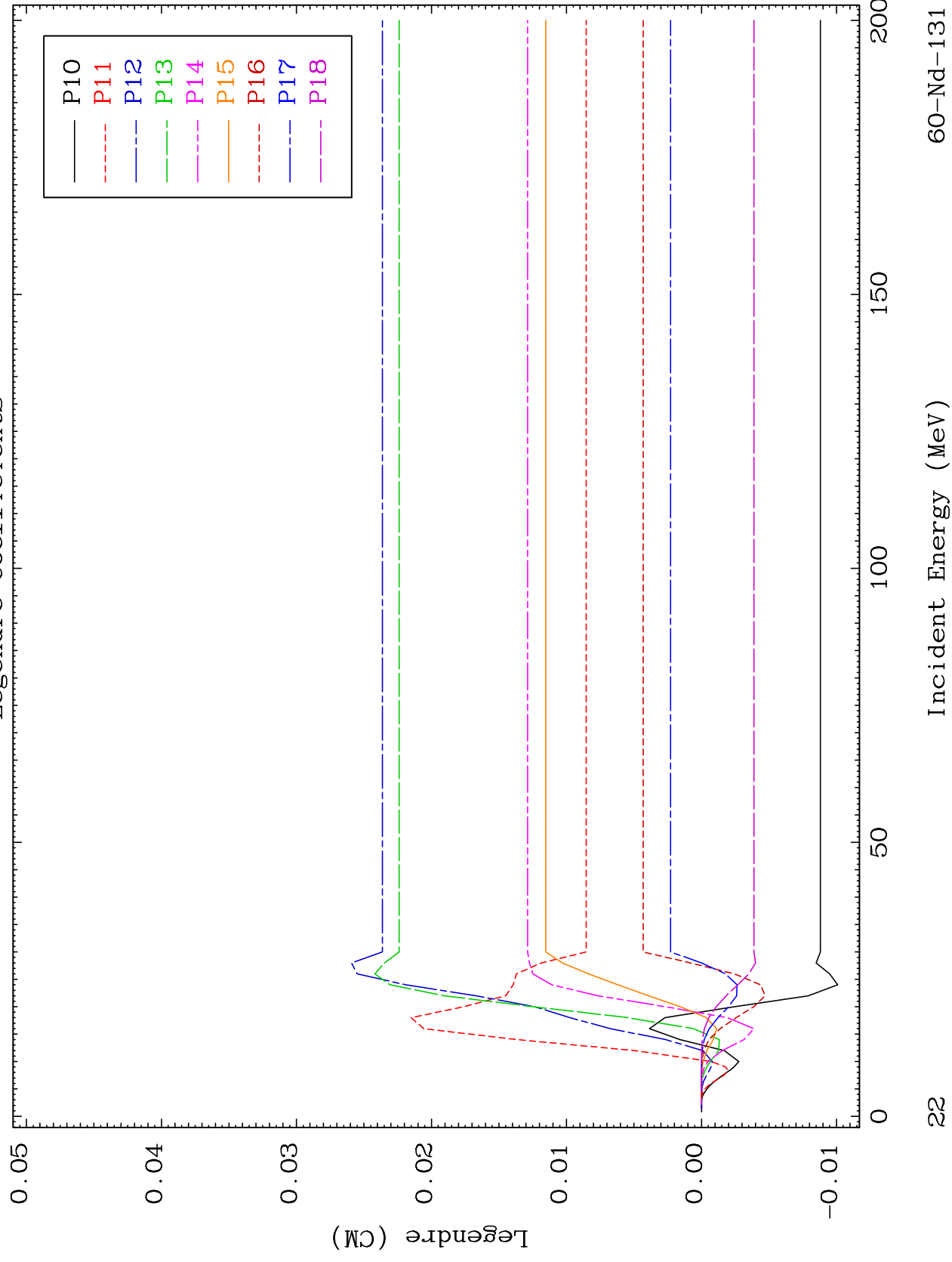


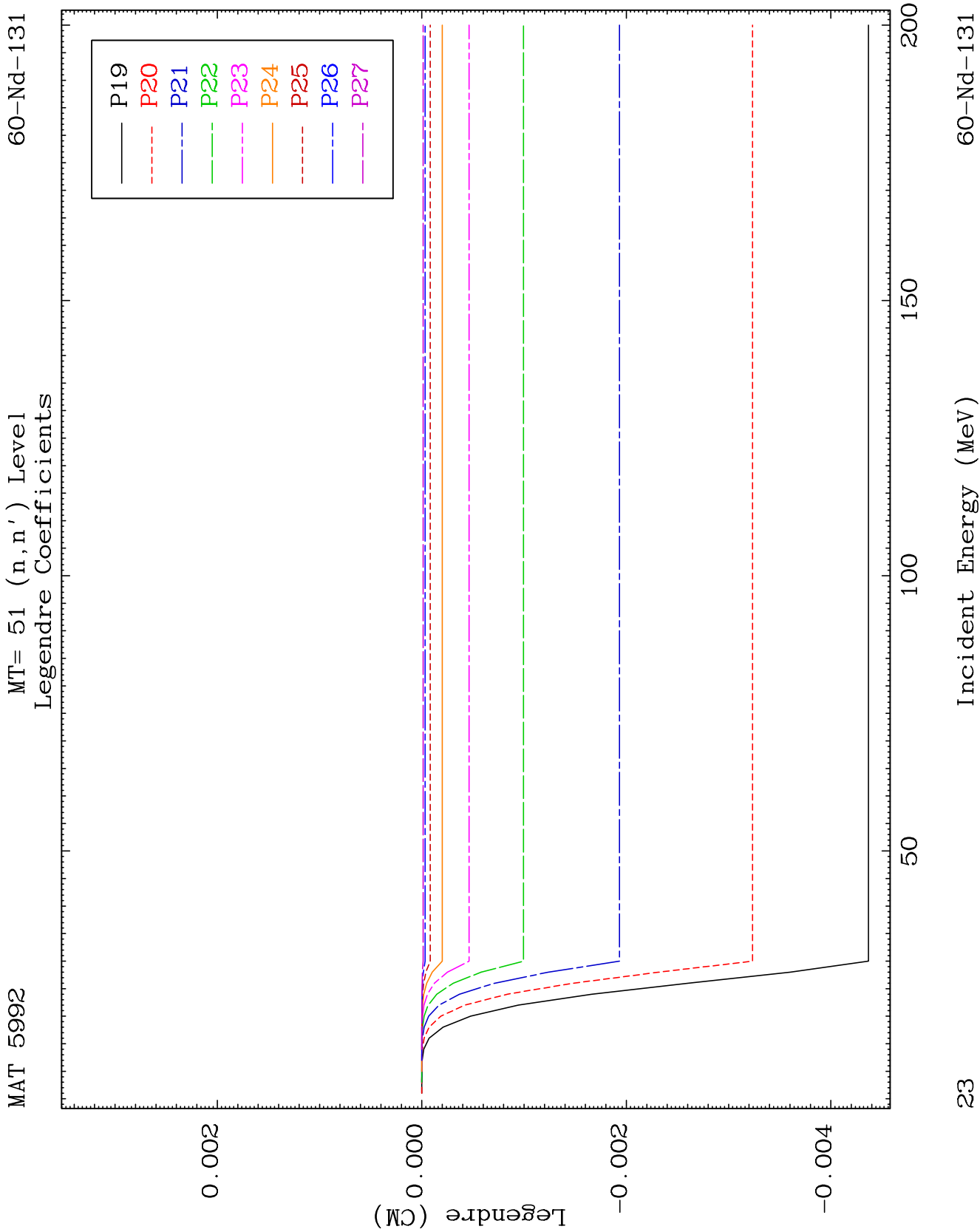


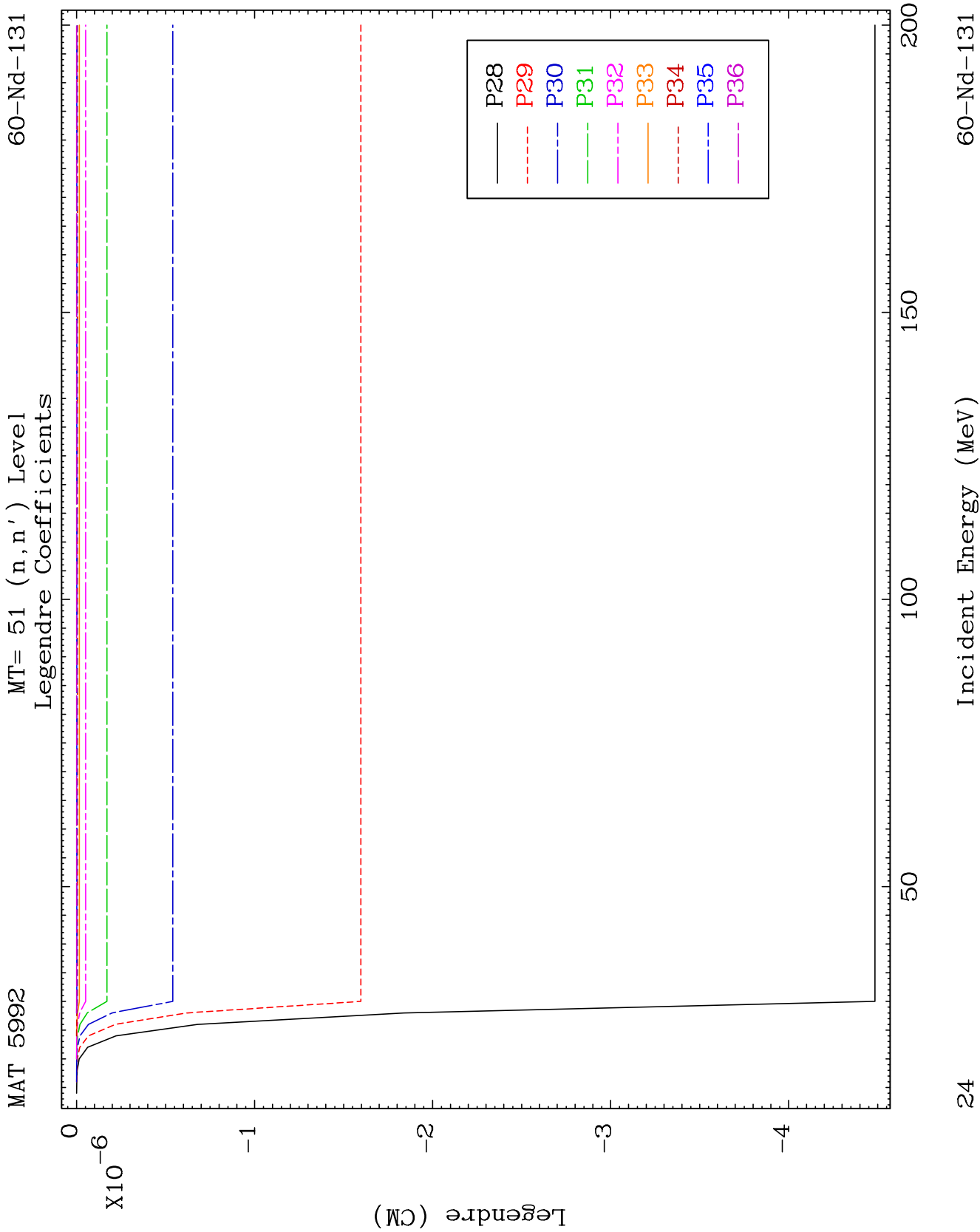
MAT 5992

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

60-Nd-131



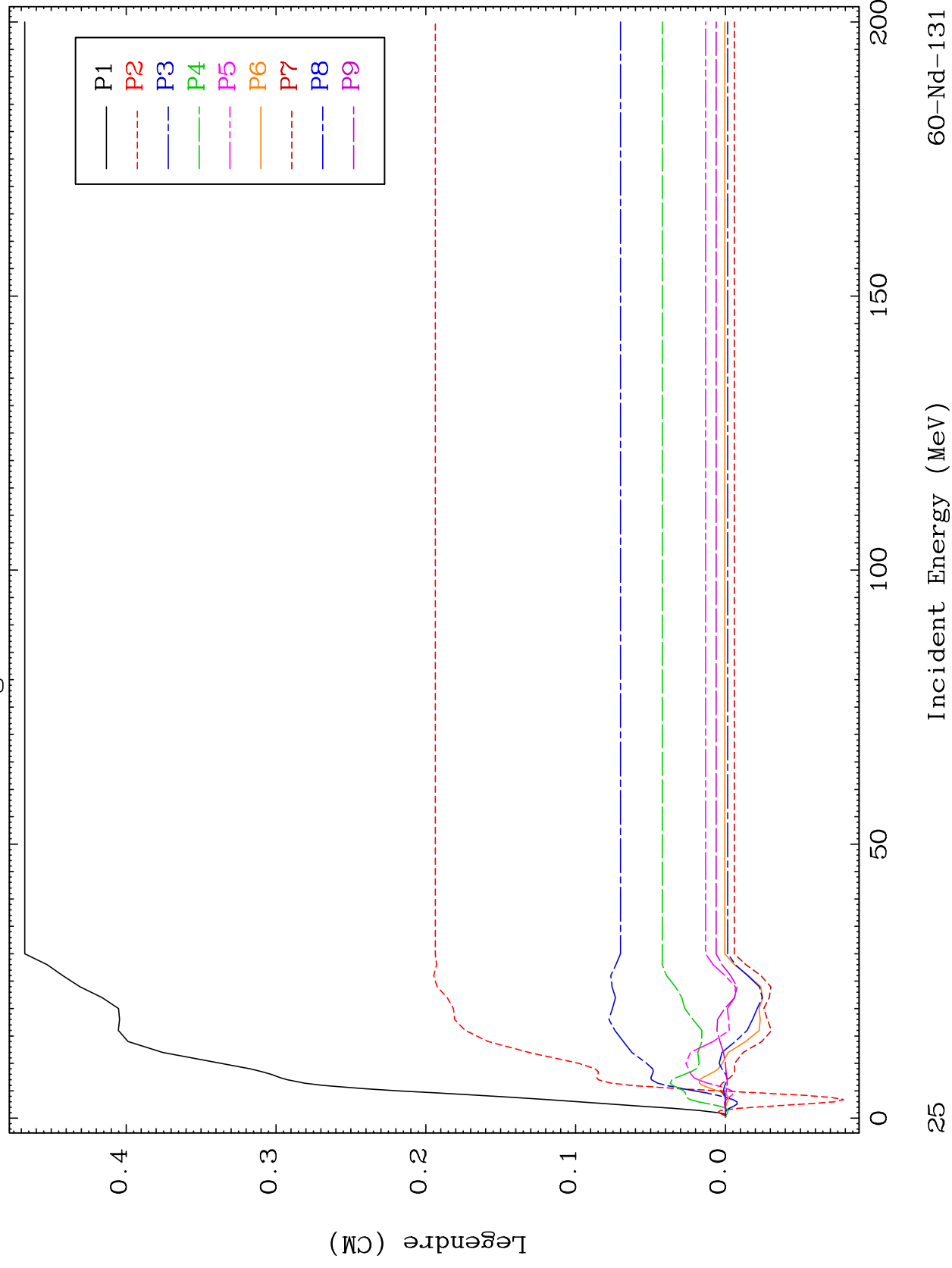




MAT 5992

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

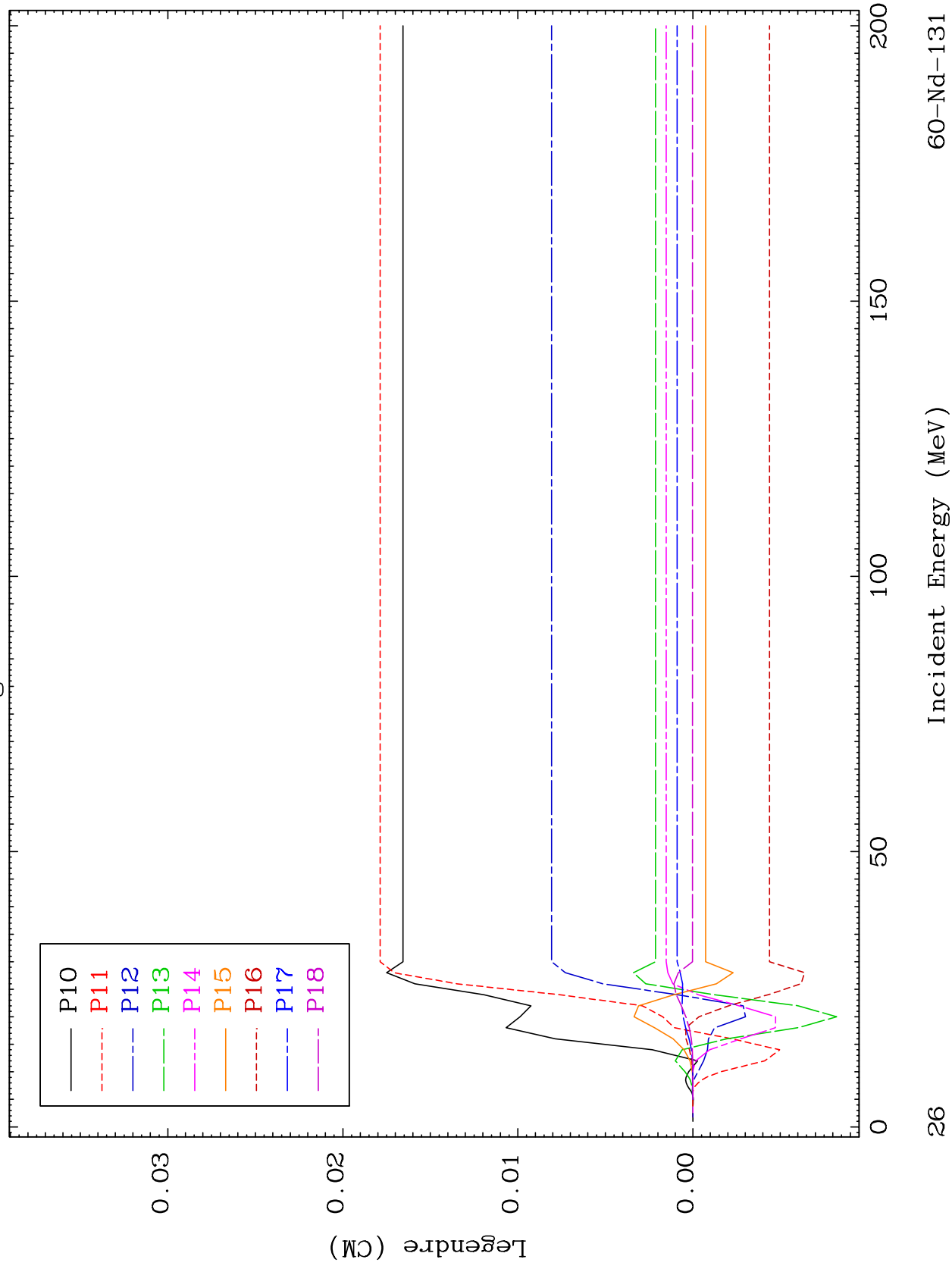
60-Nd-131

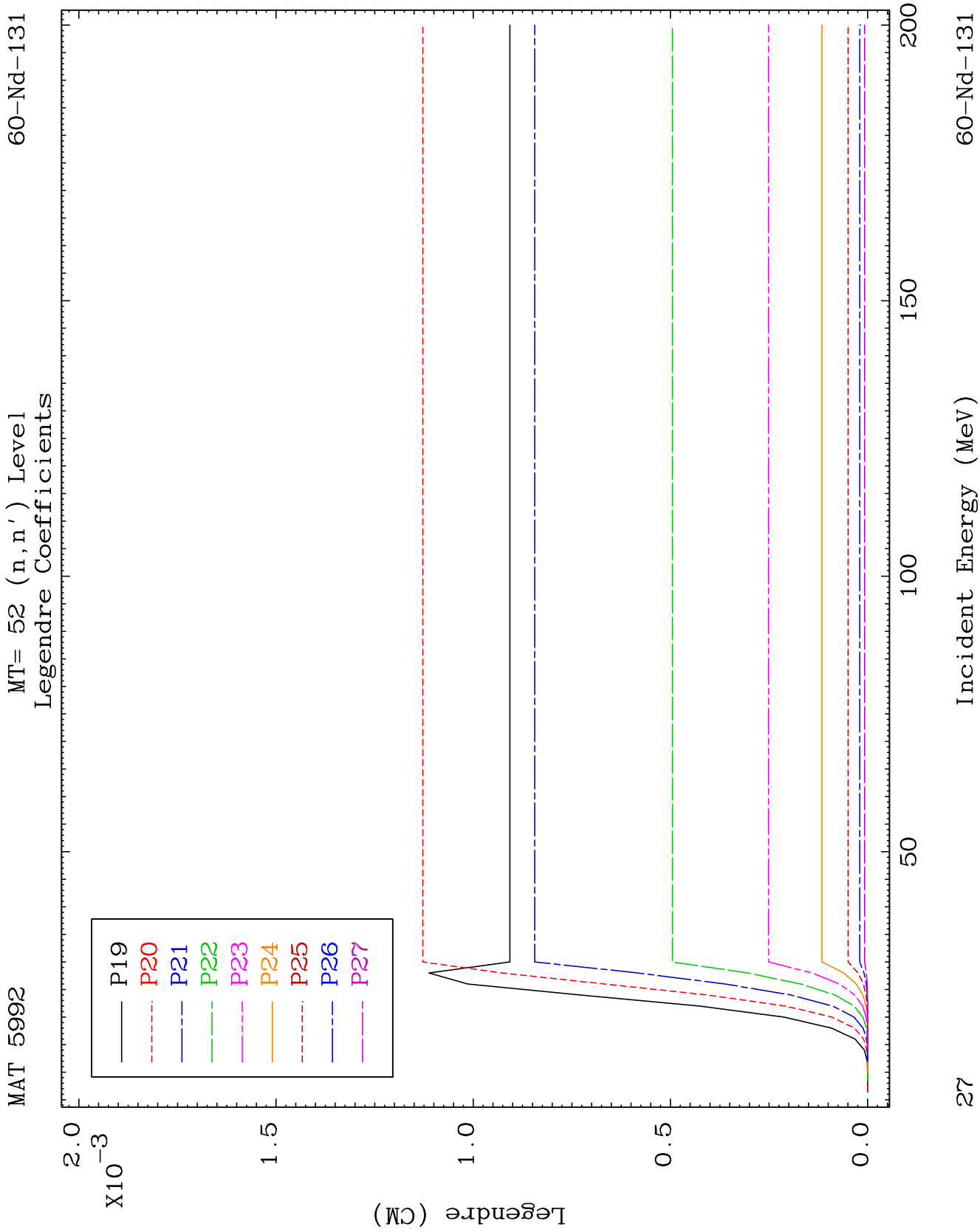


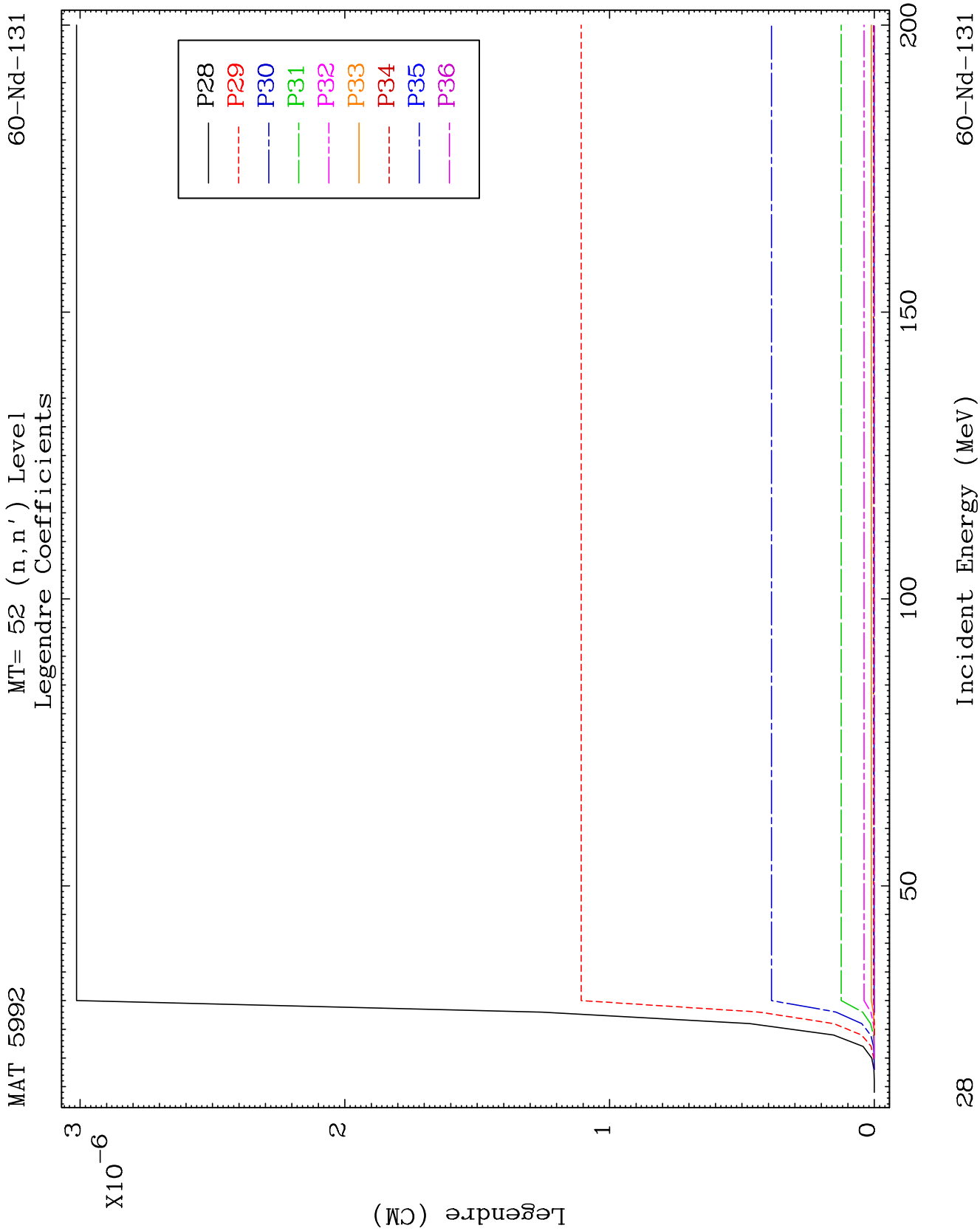
MAT 5992

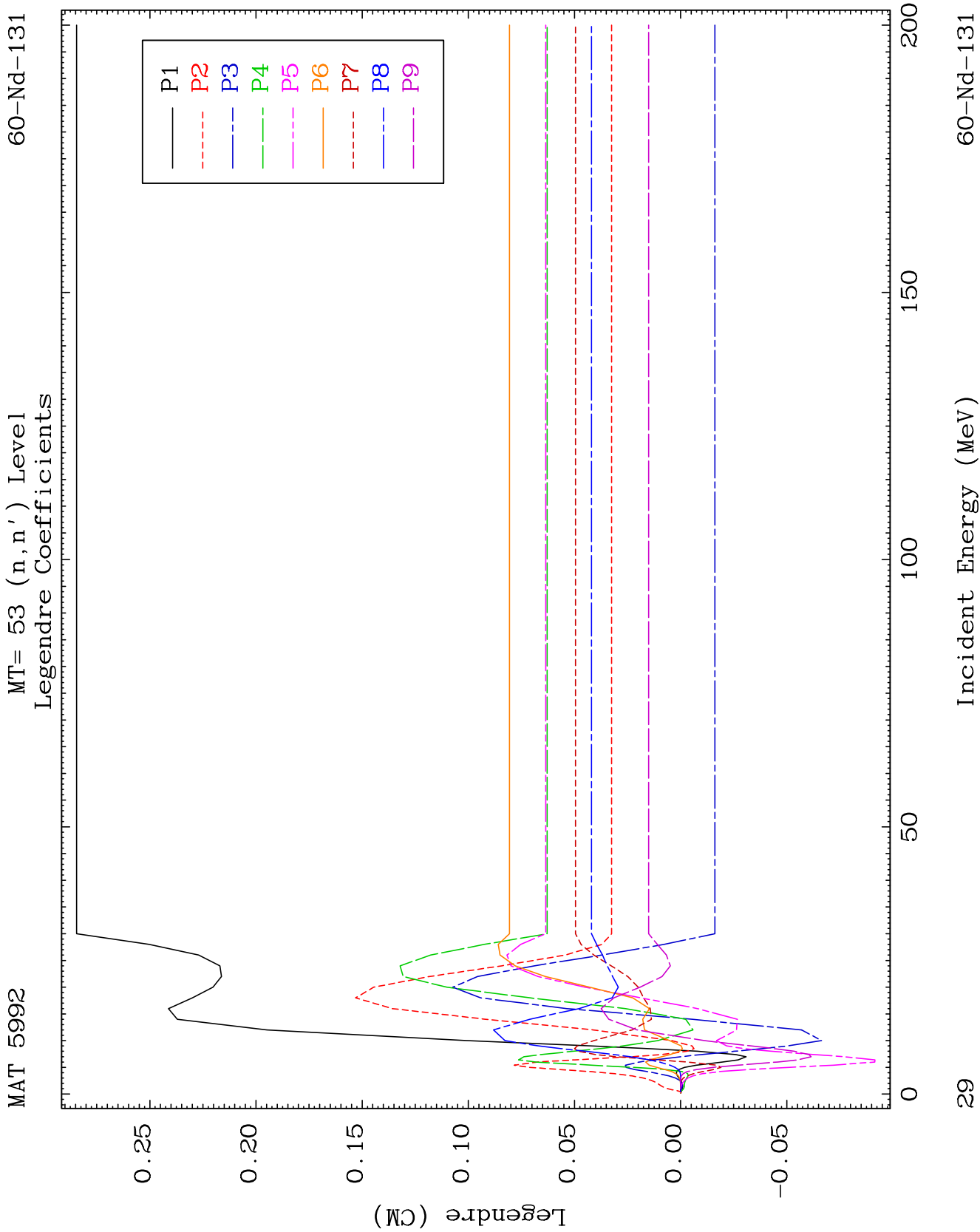
MT= 52 (n, n') Level
Legendre Coefficients

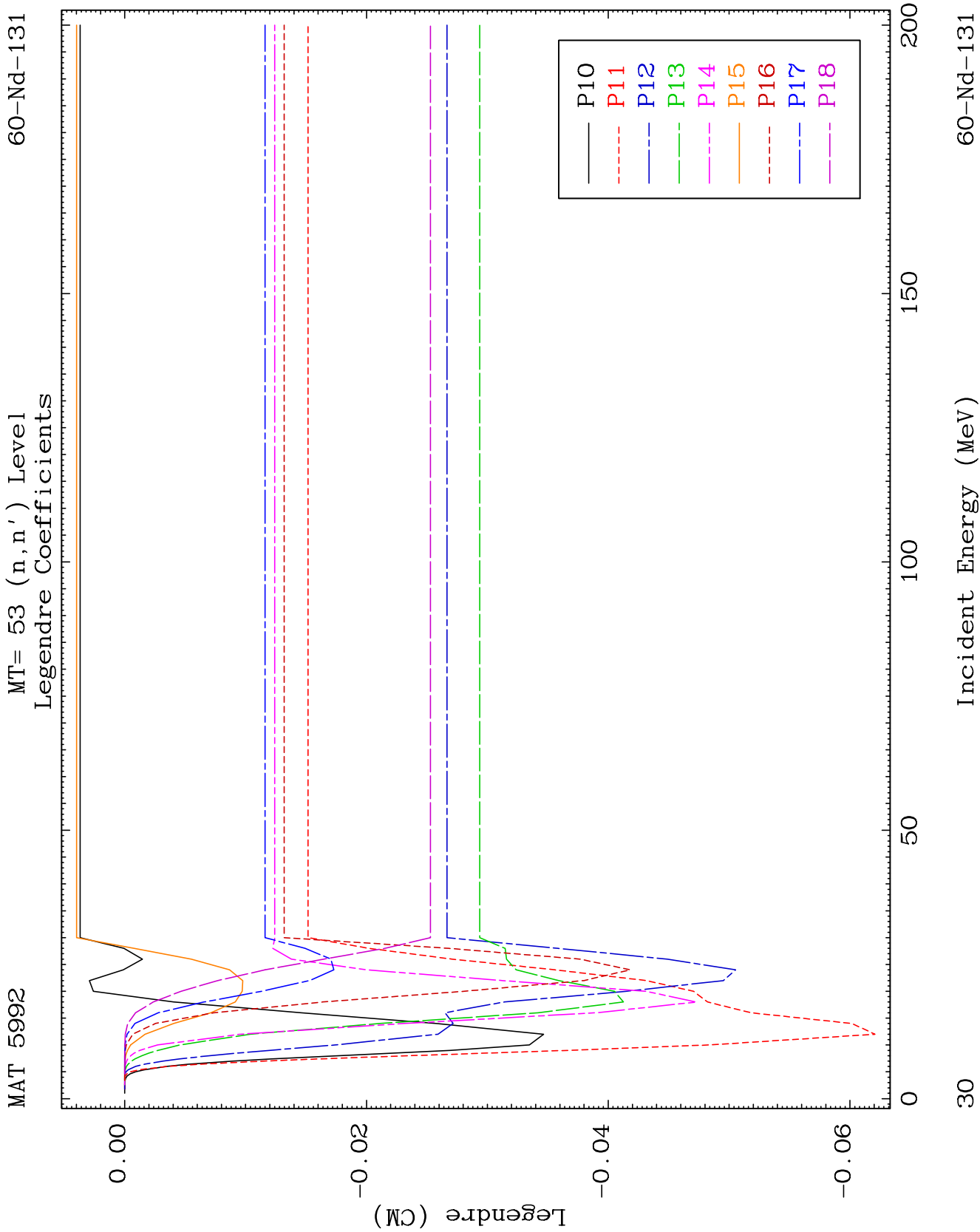
60-Nd-131

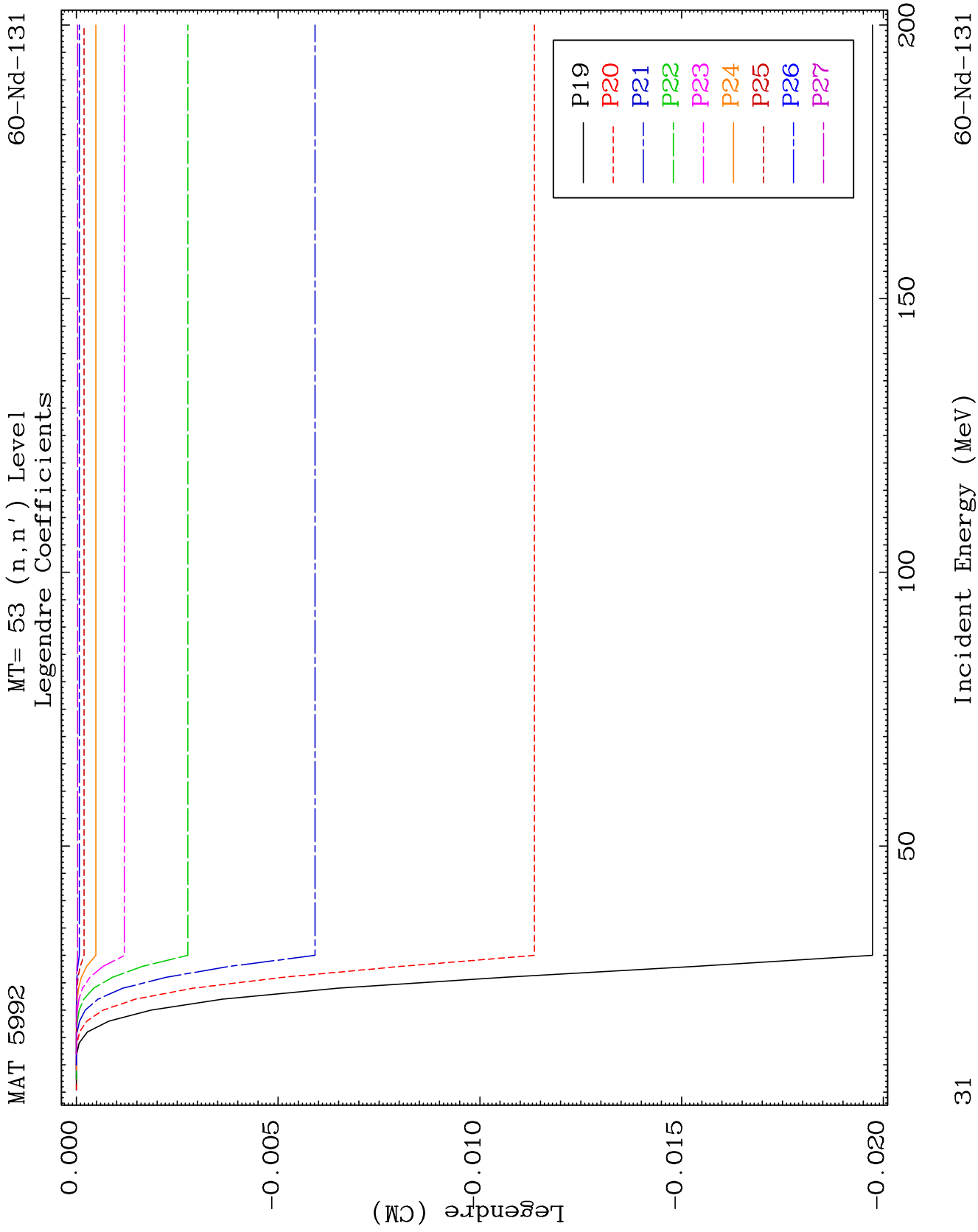








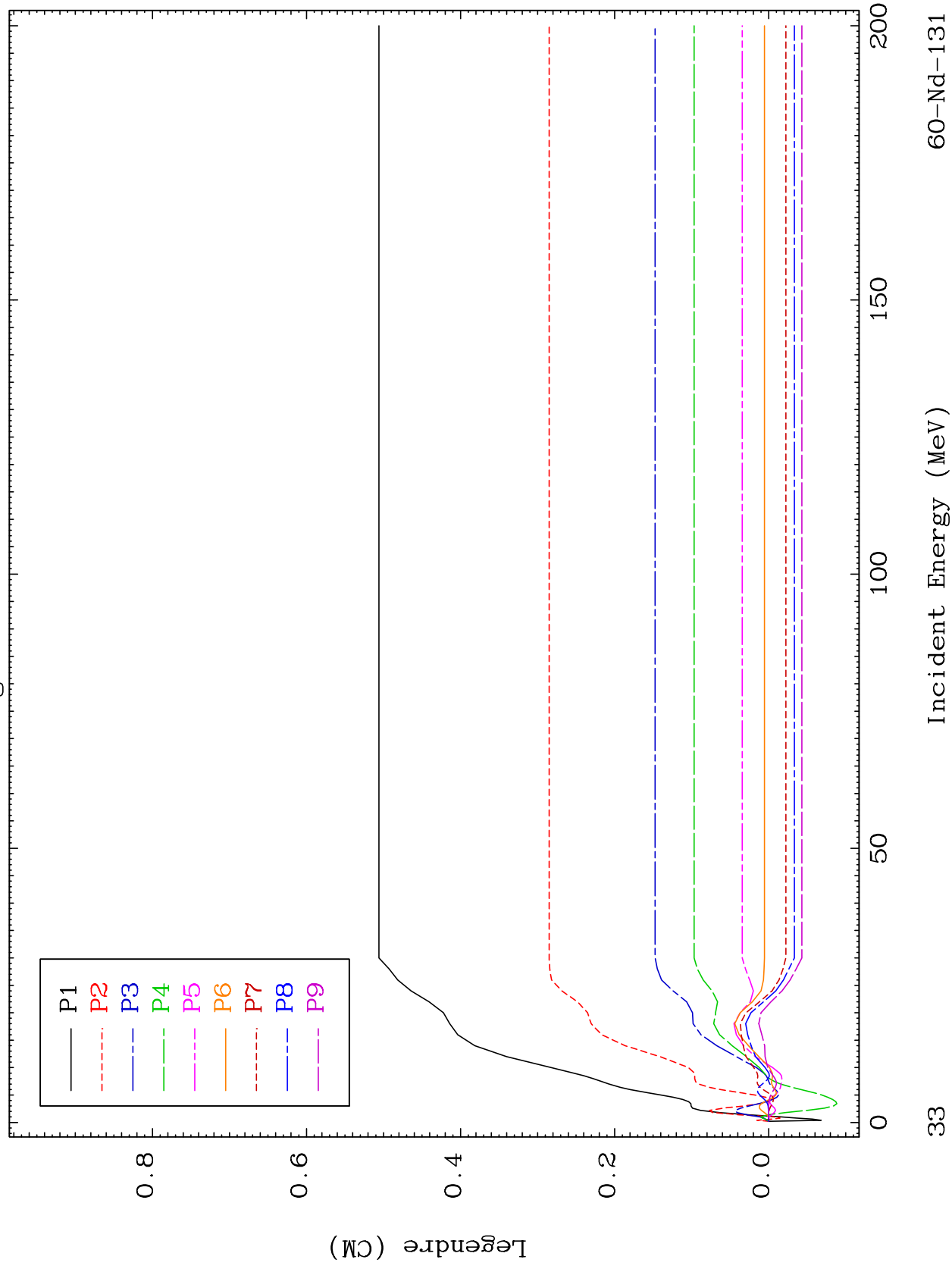




MAT 5992

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

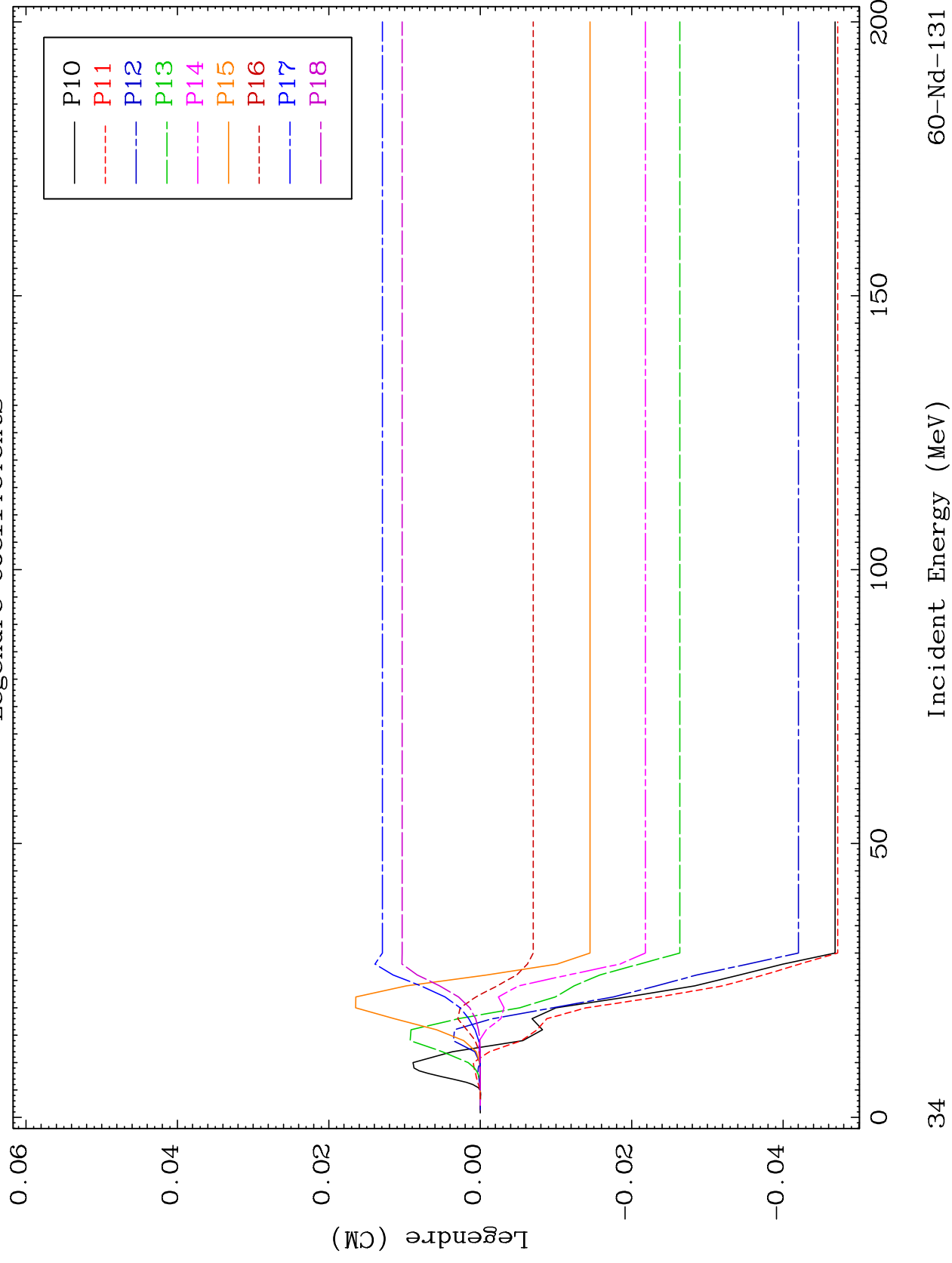
60-Nd-131

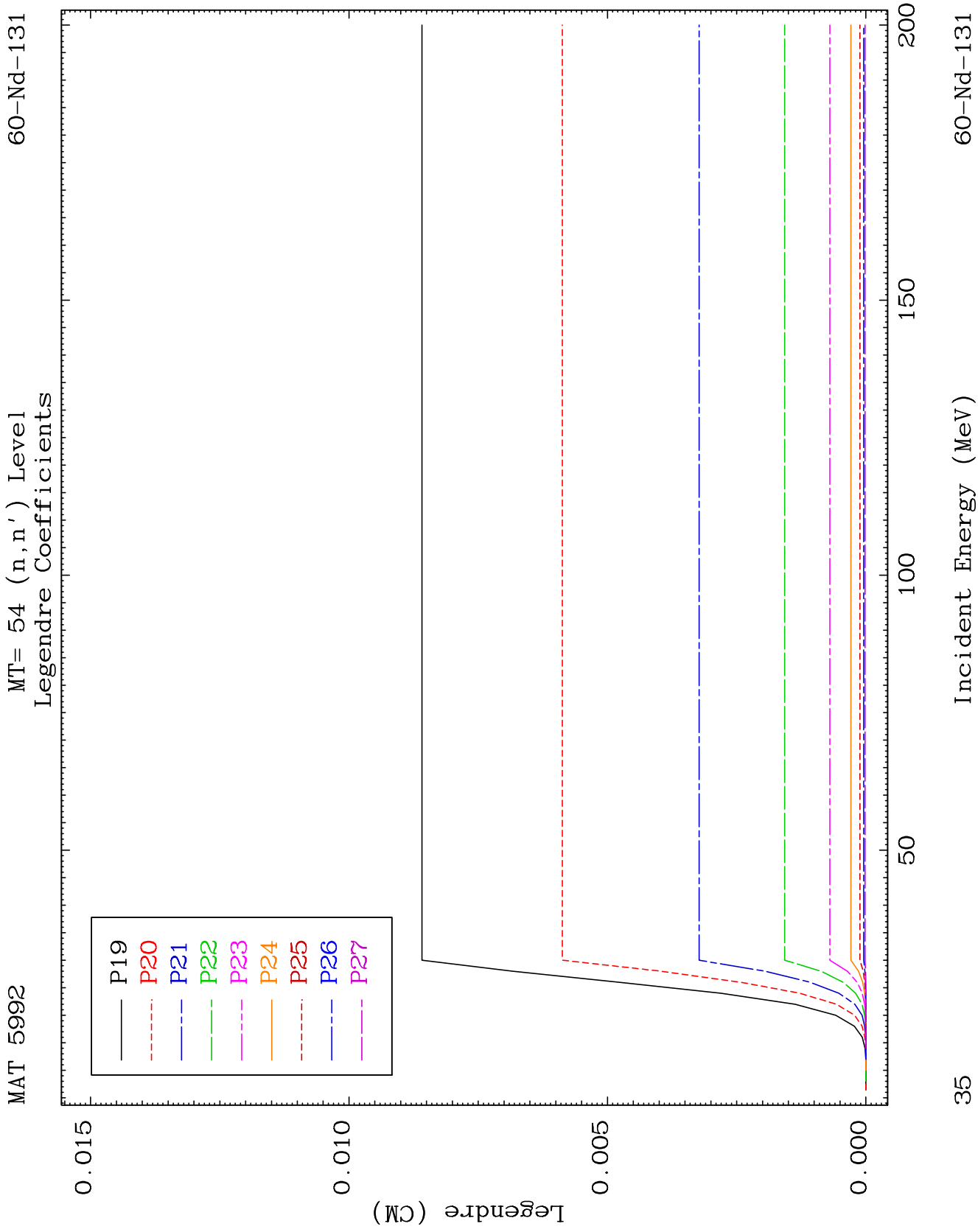


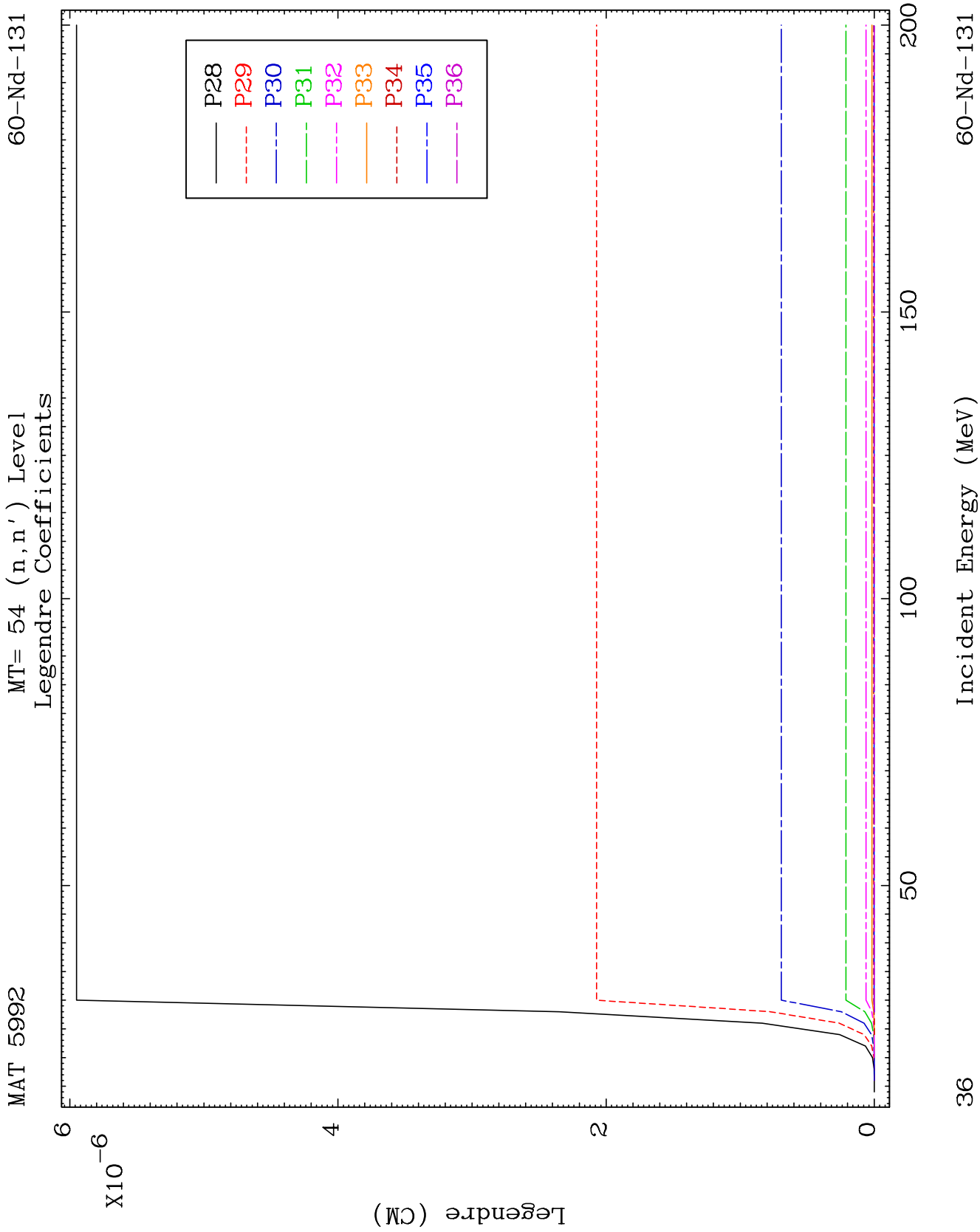
MAT 5992

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

60-Nd-131



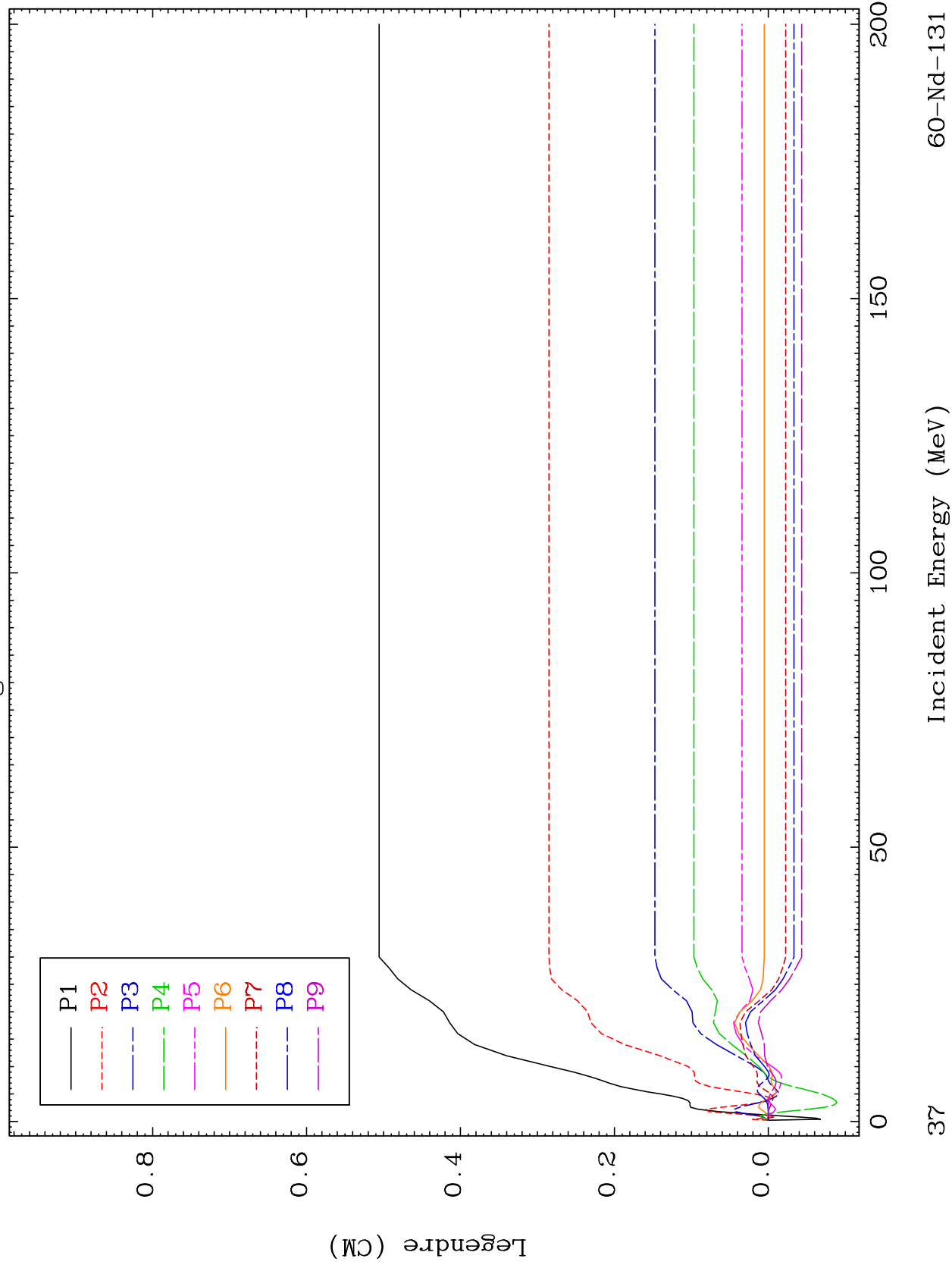


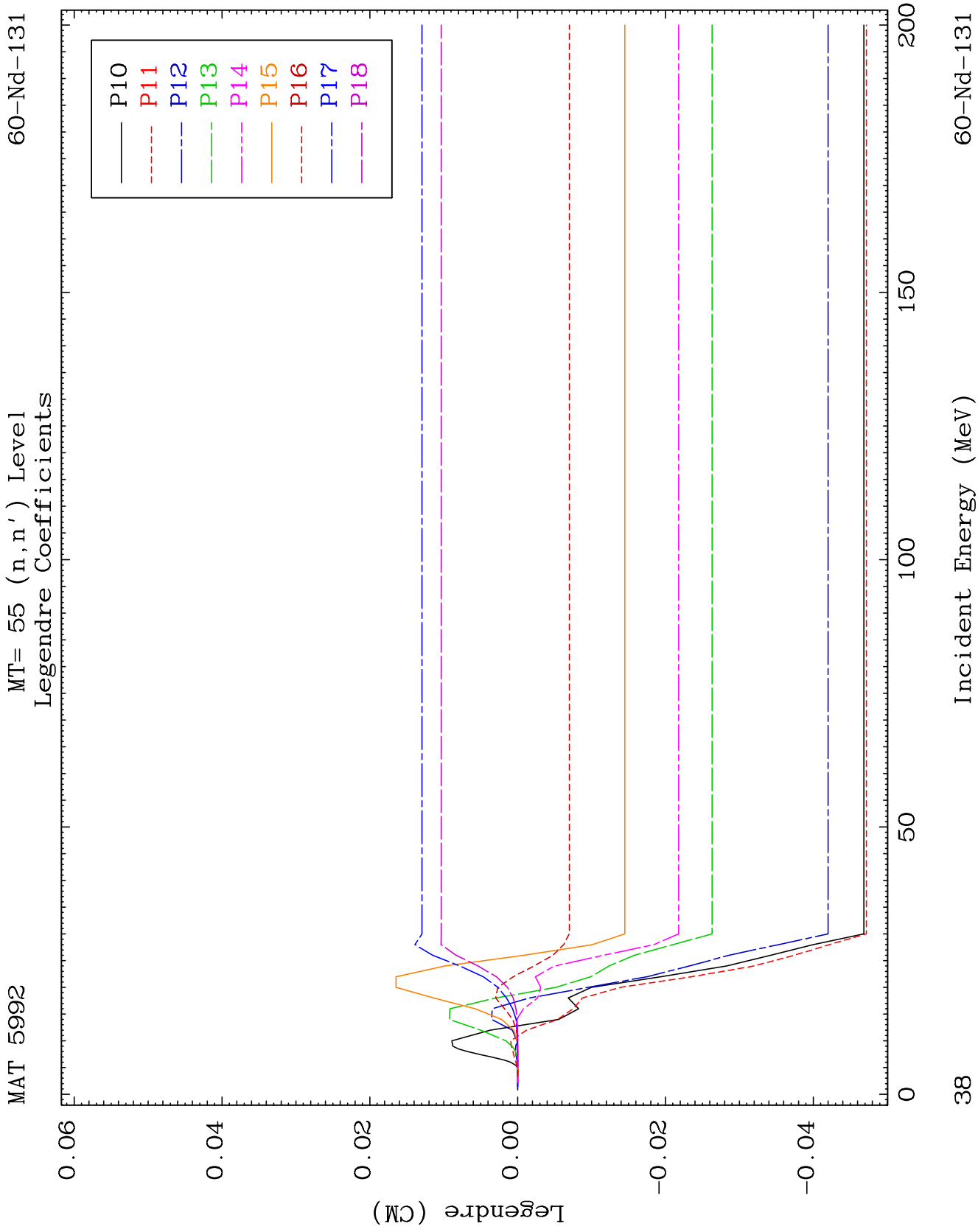


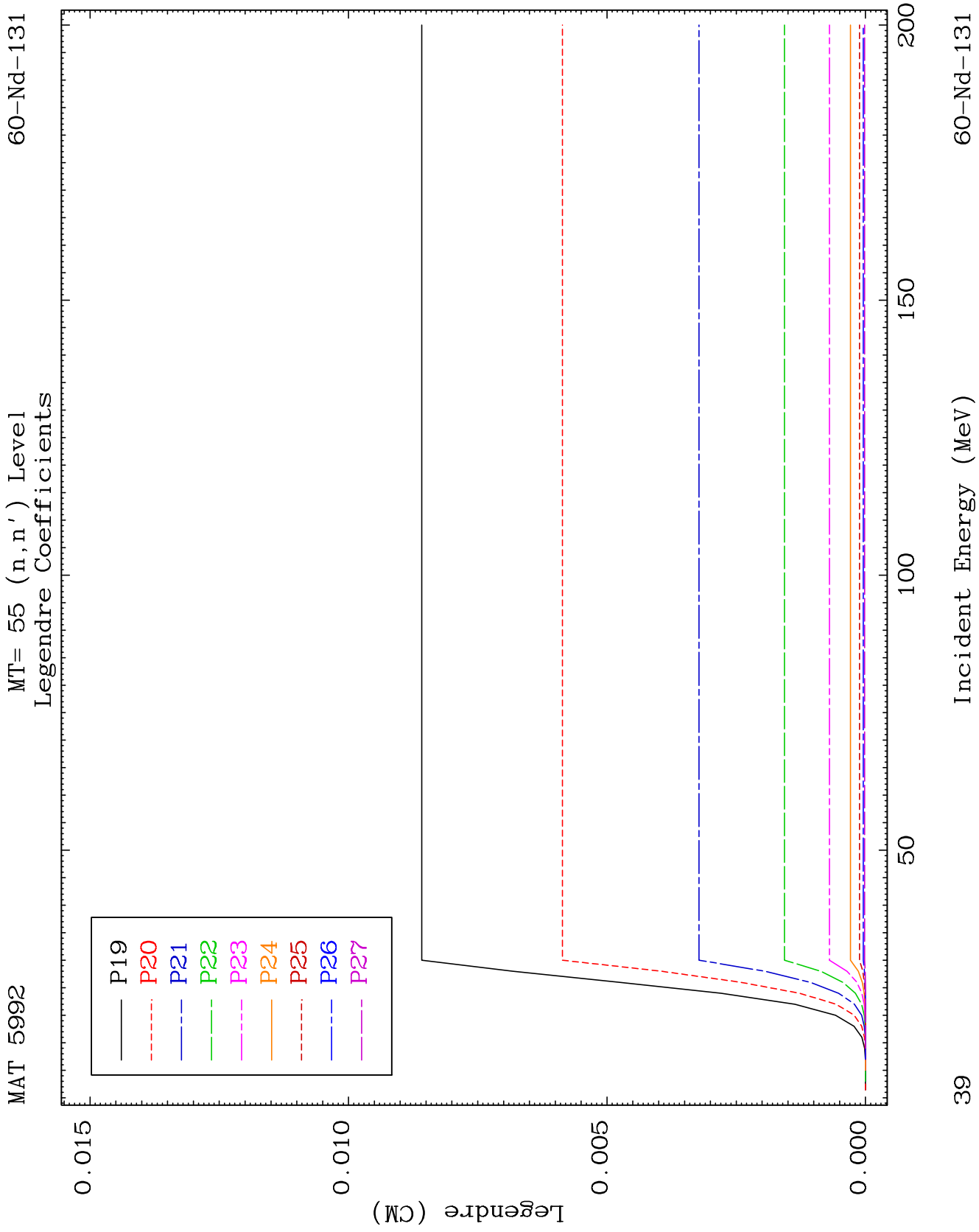
MAT 5992

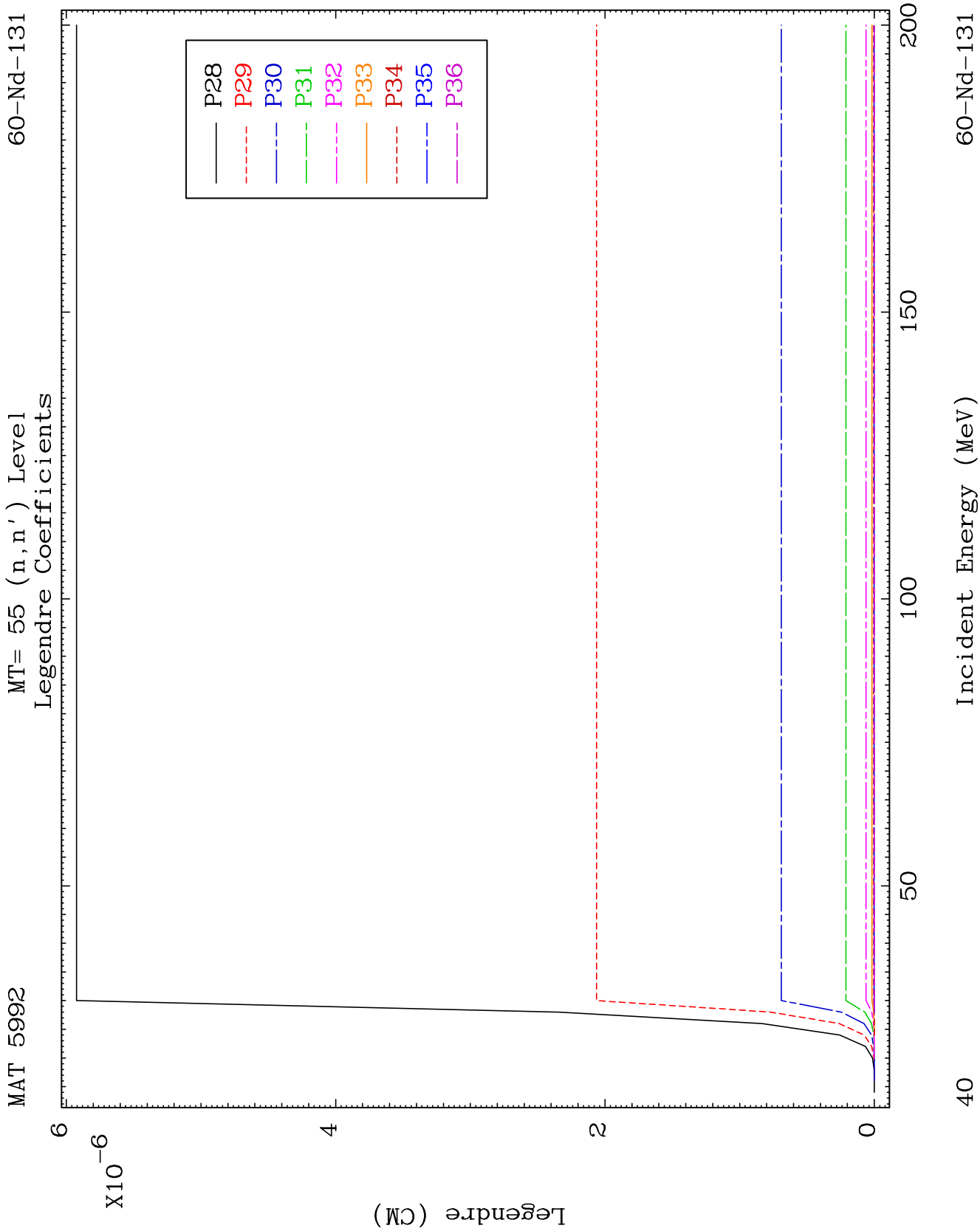
MT= 55 (n, n') Level
Legendre Coefficients

60-Nd-131





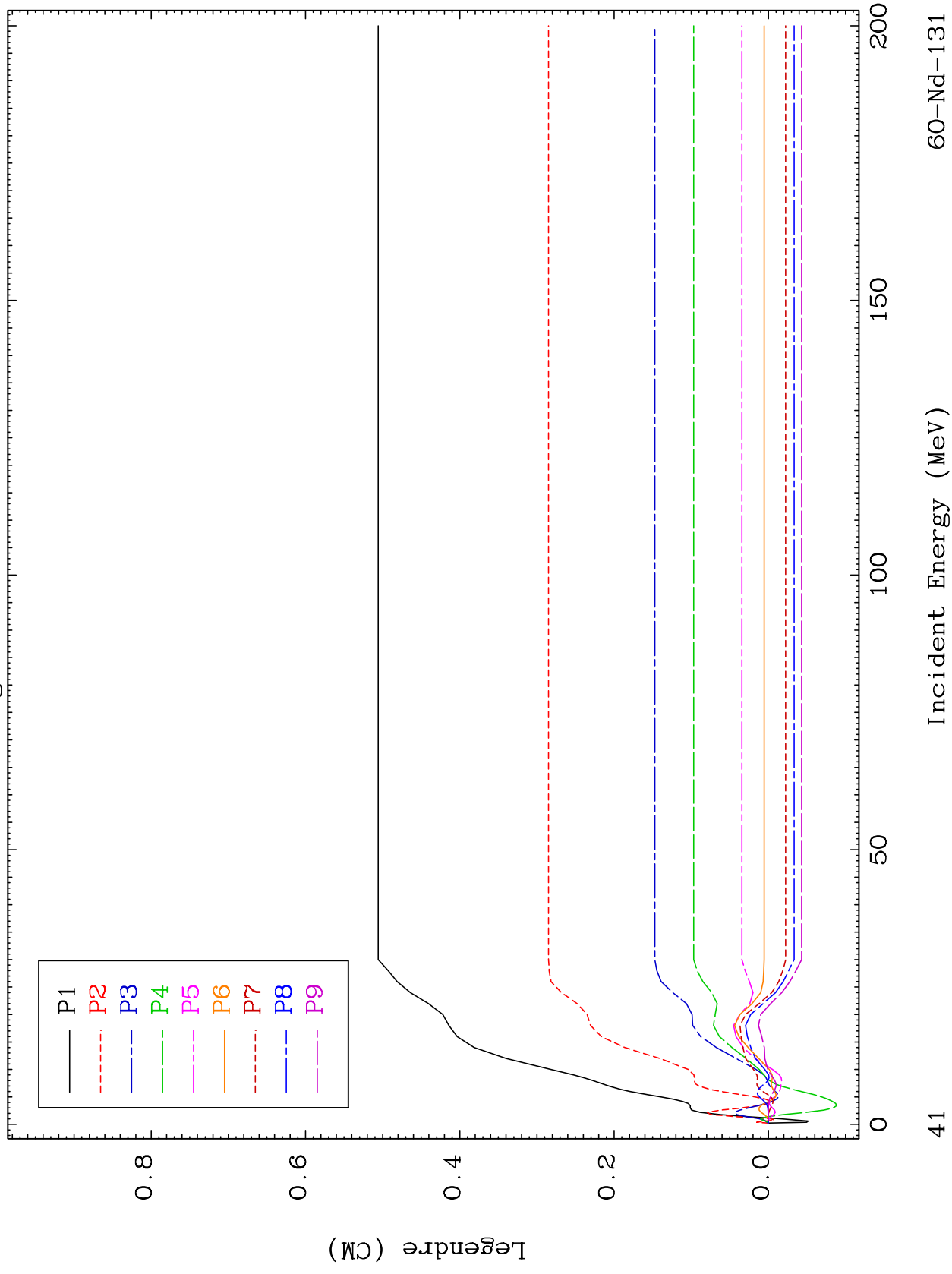




MAT 5992

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

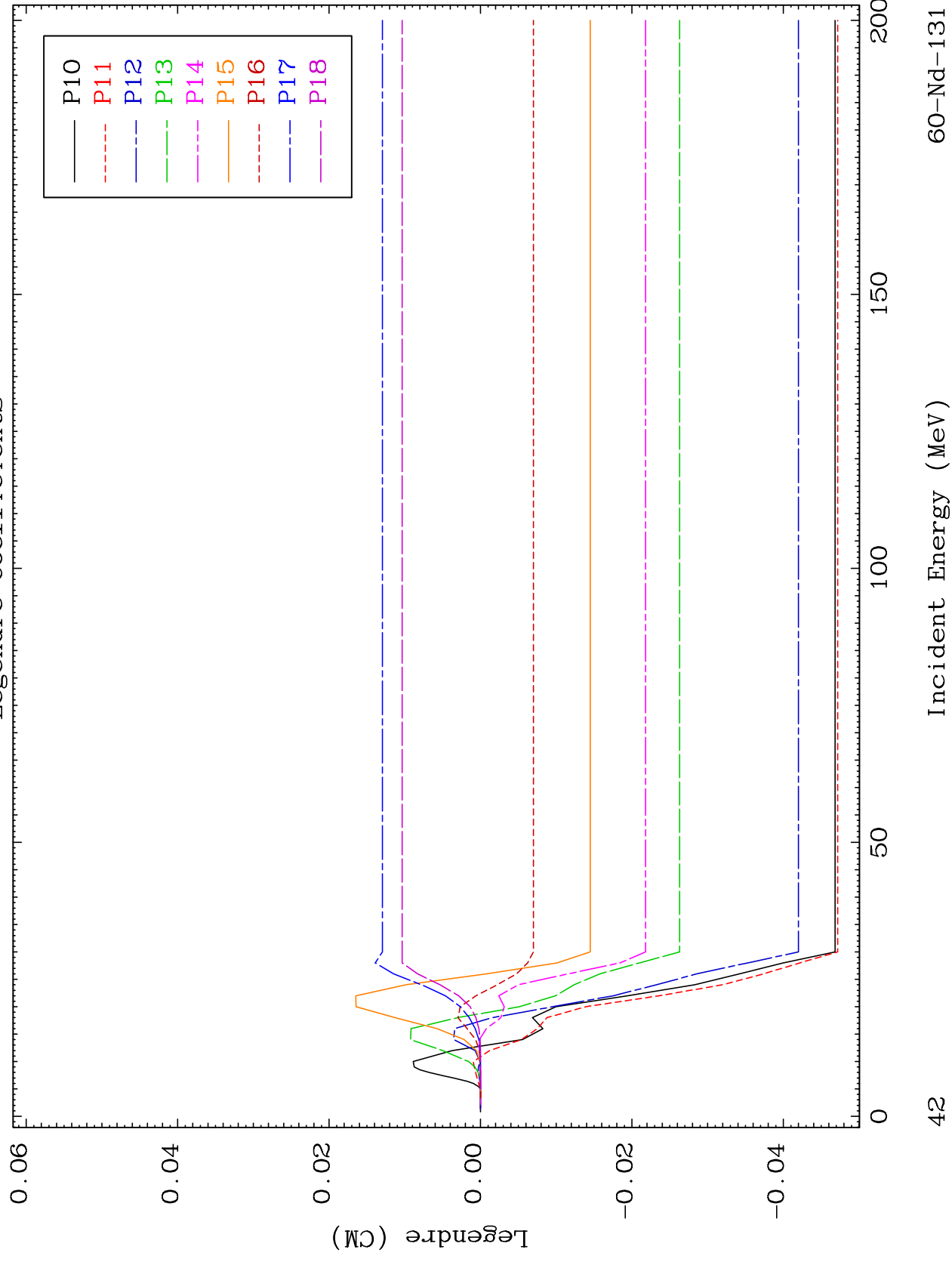
60-Nd-131



MAT 5992

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

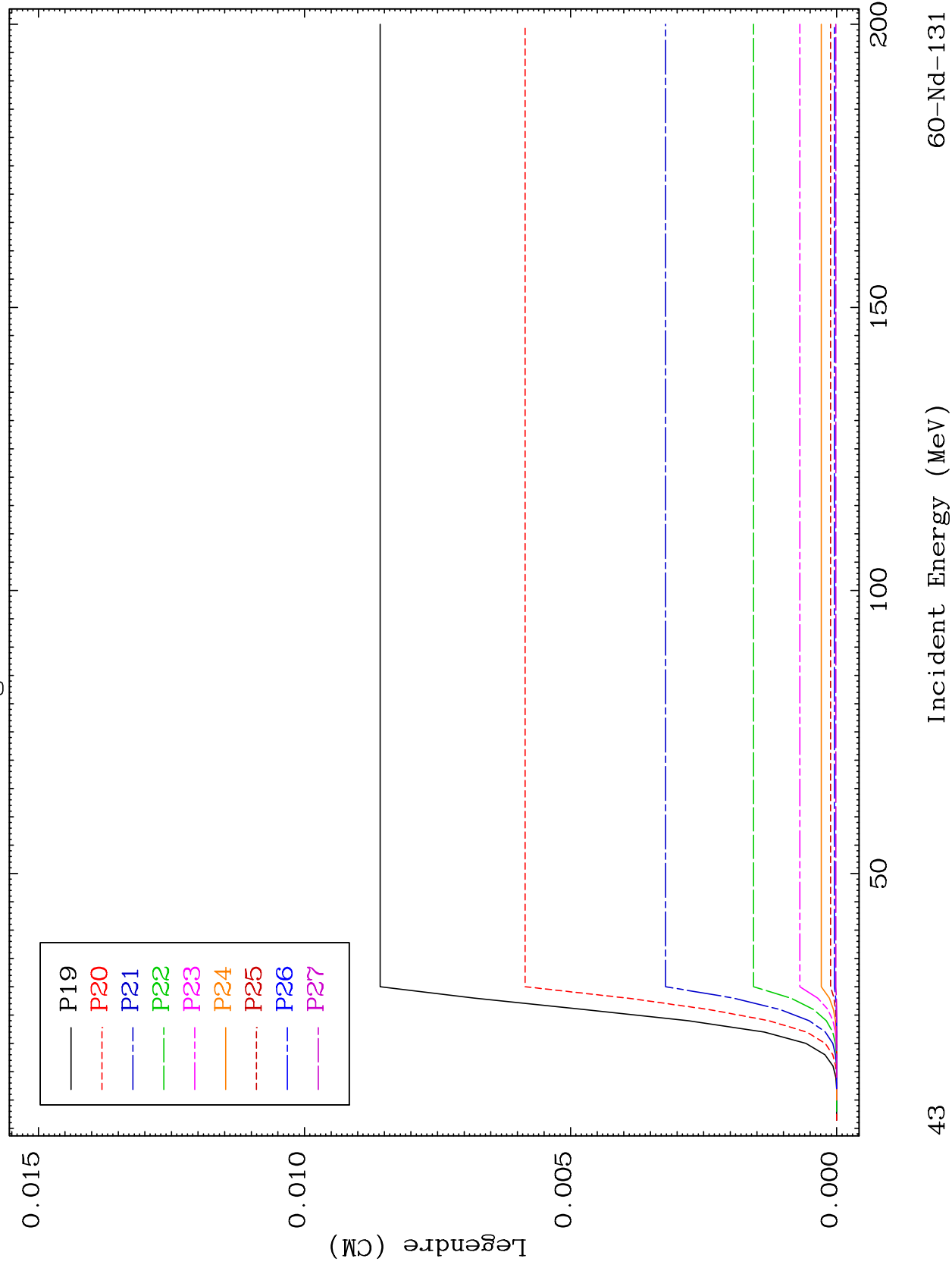
60-Nd-131

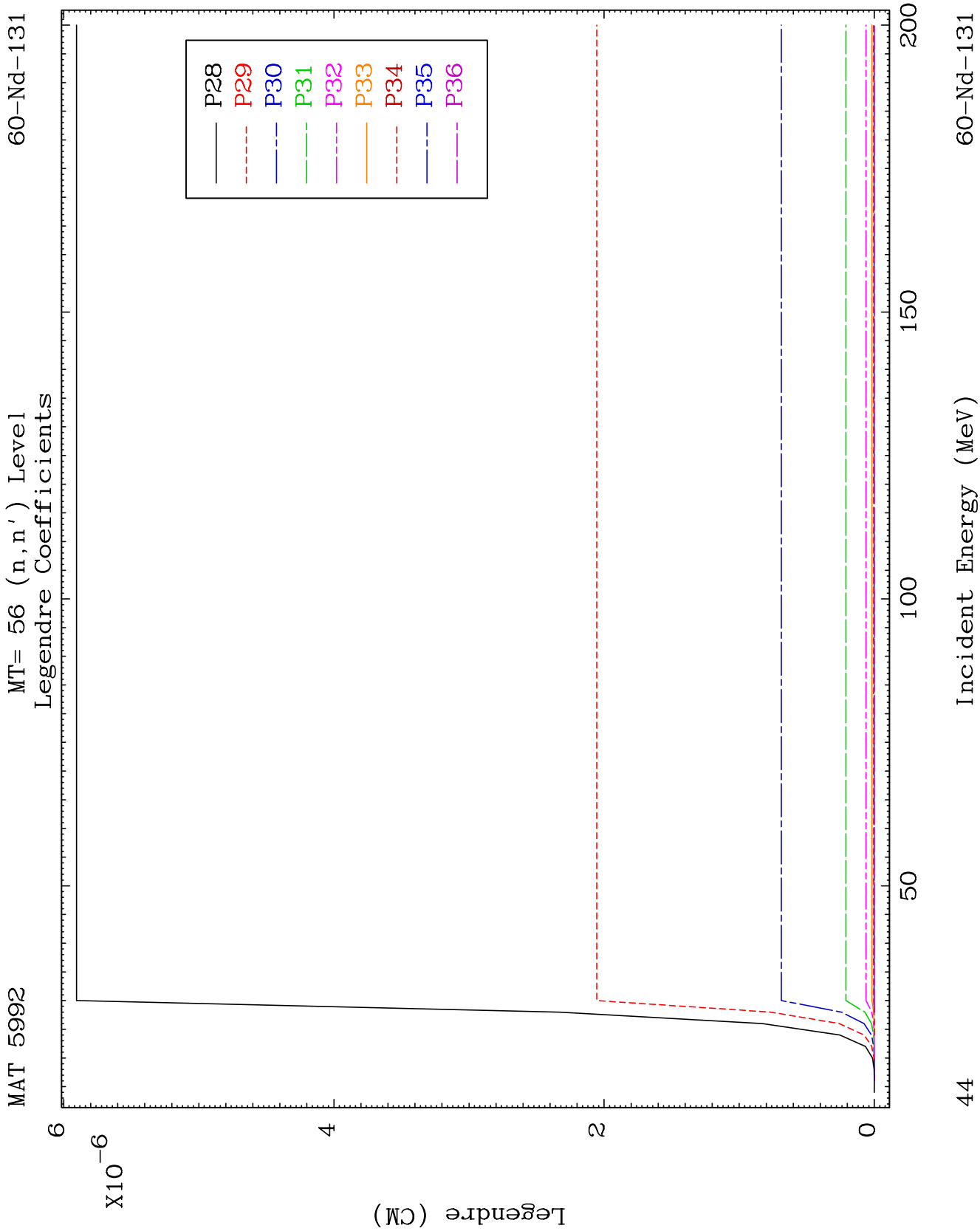


MAT 5992

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

60-Nd-131

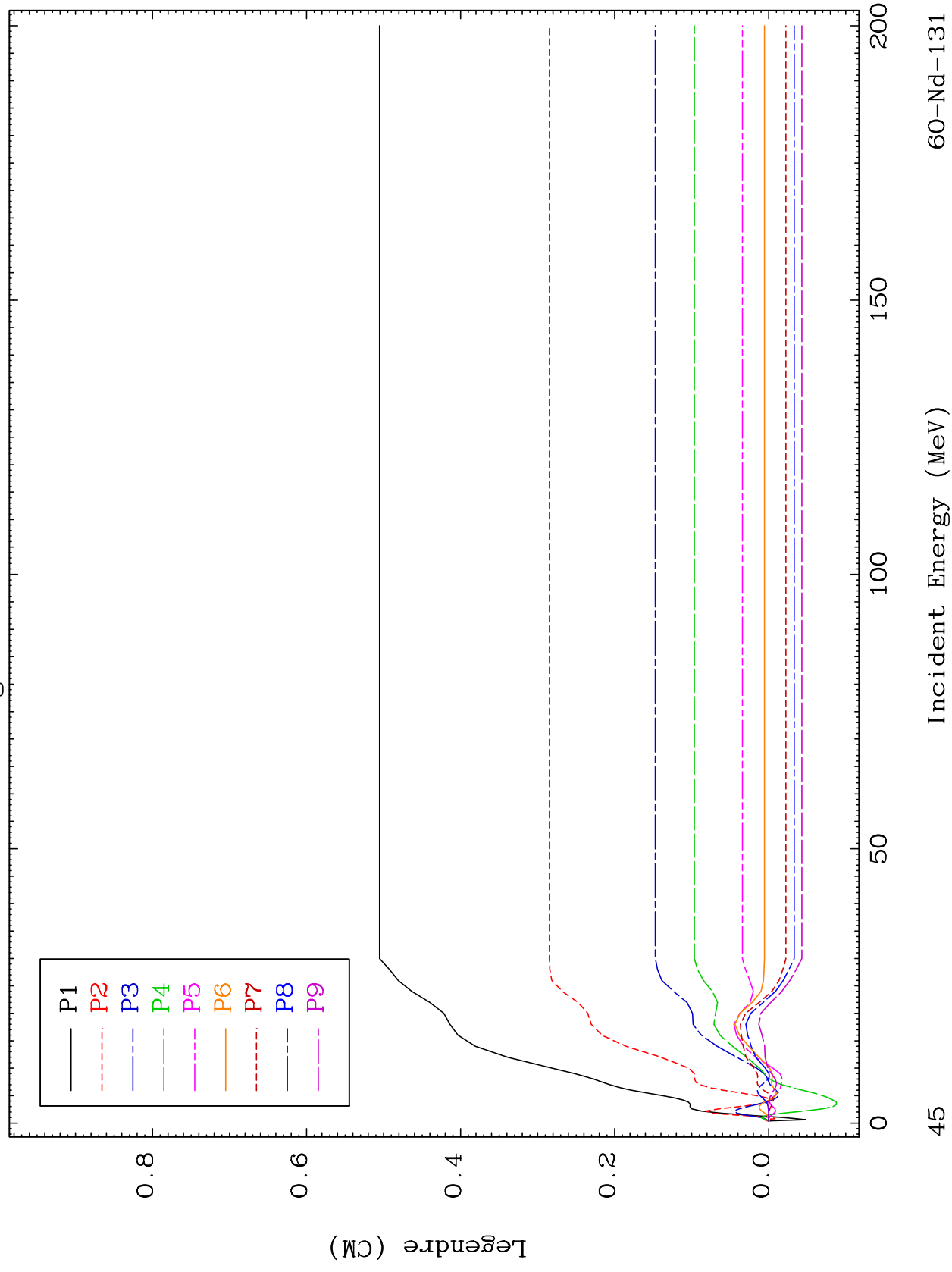


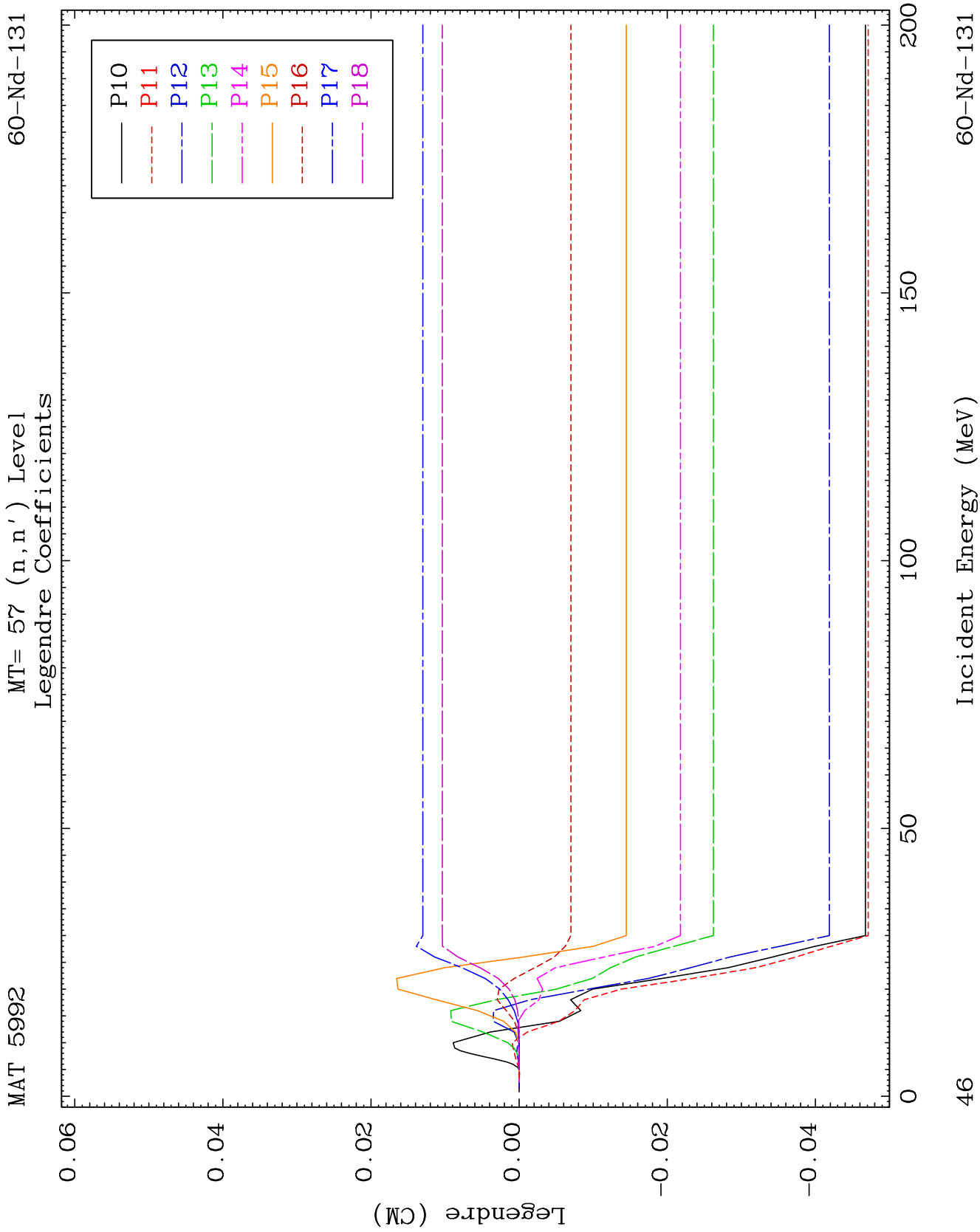


MAT 5992

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

60-Nd-131

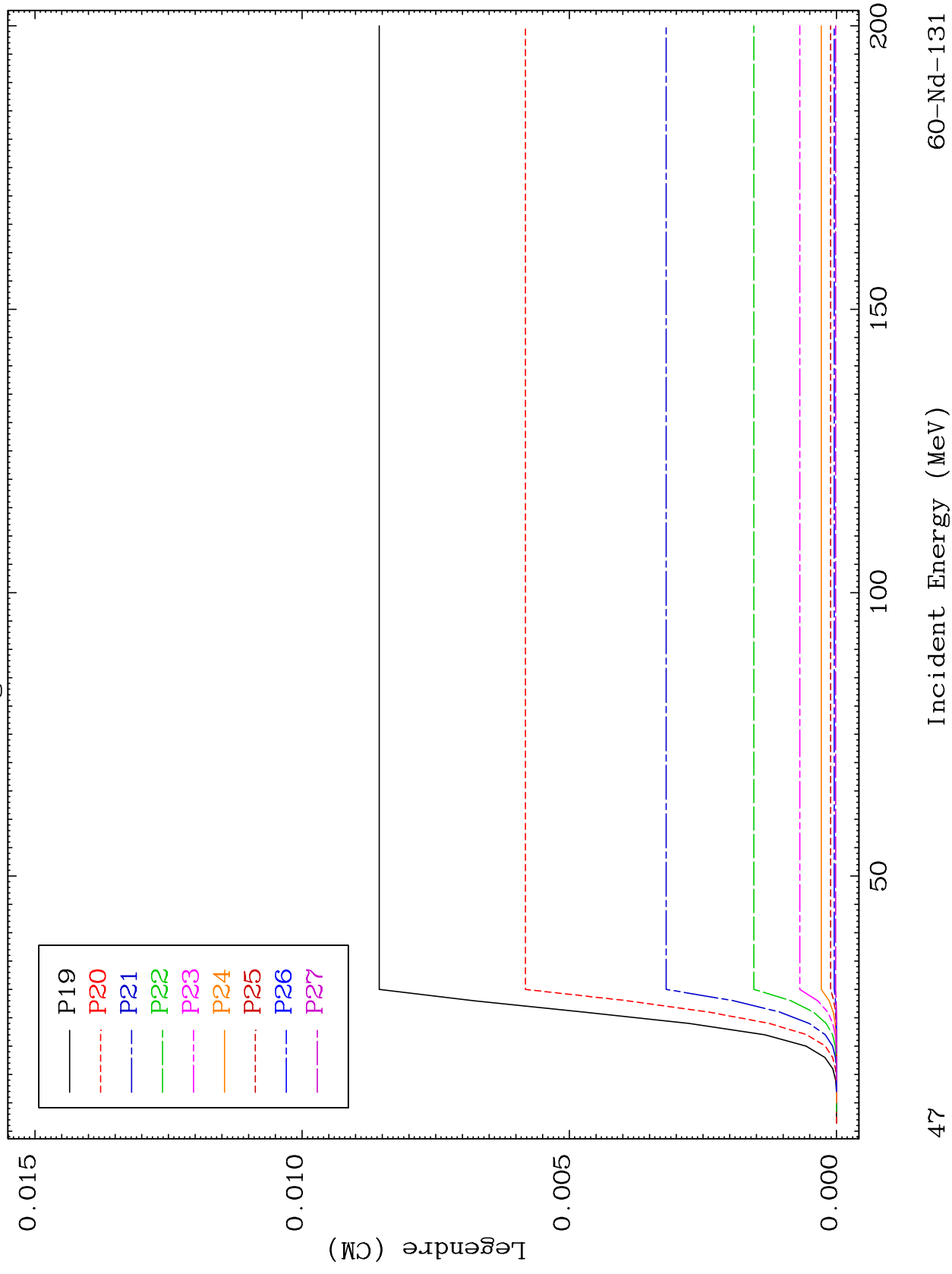




MAT 5992

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

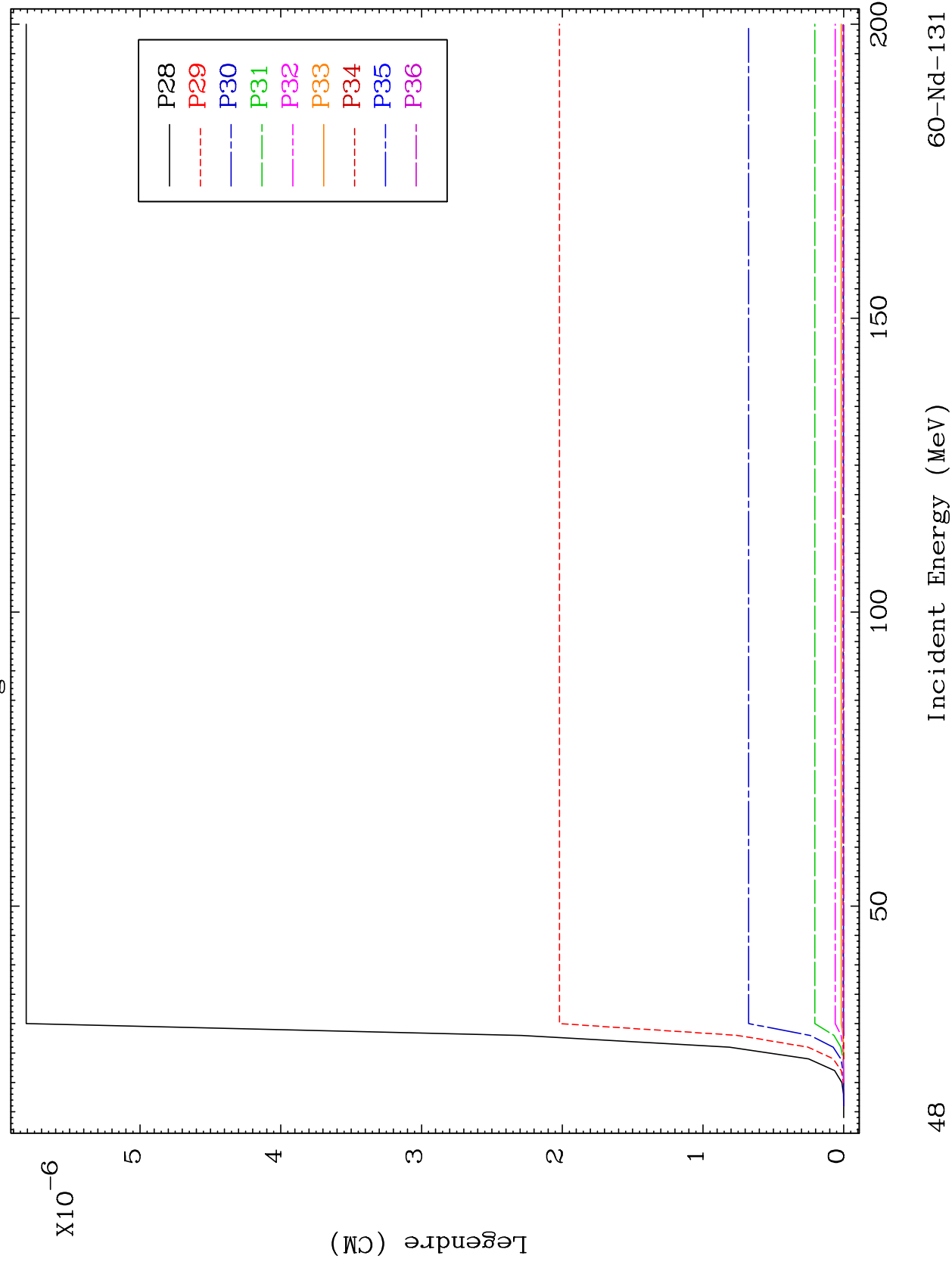
60-Nd-131

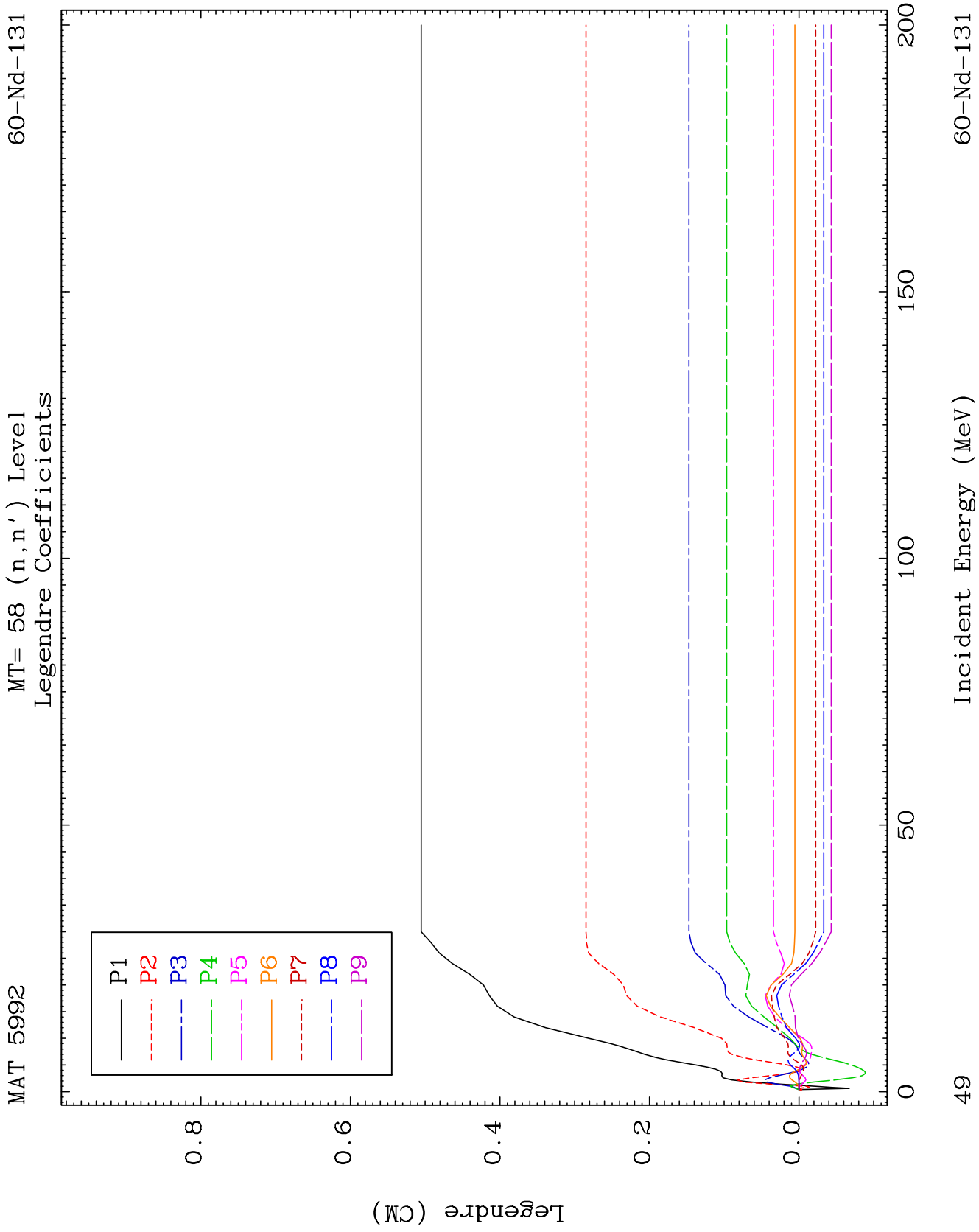


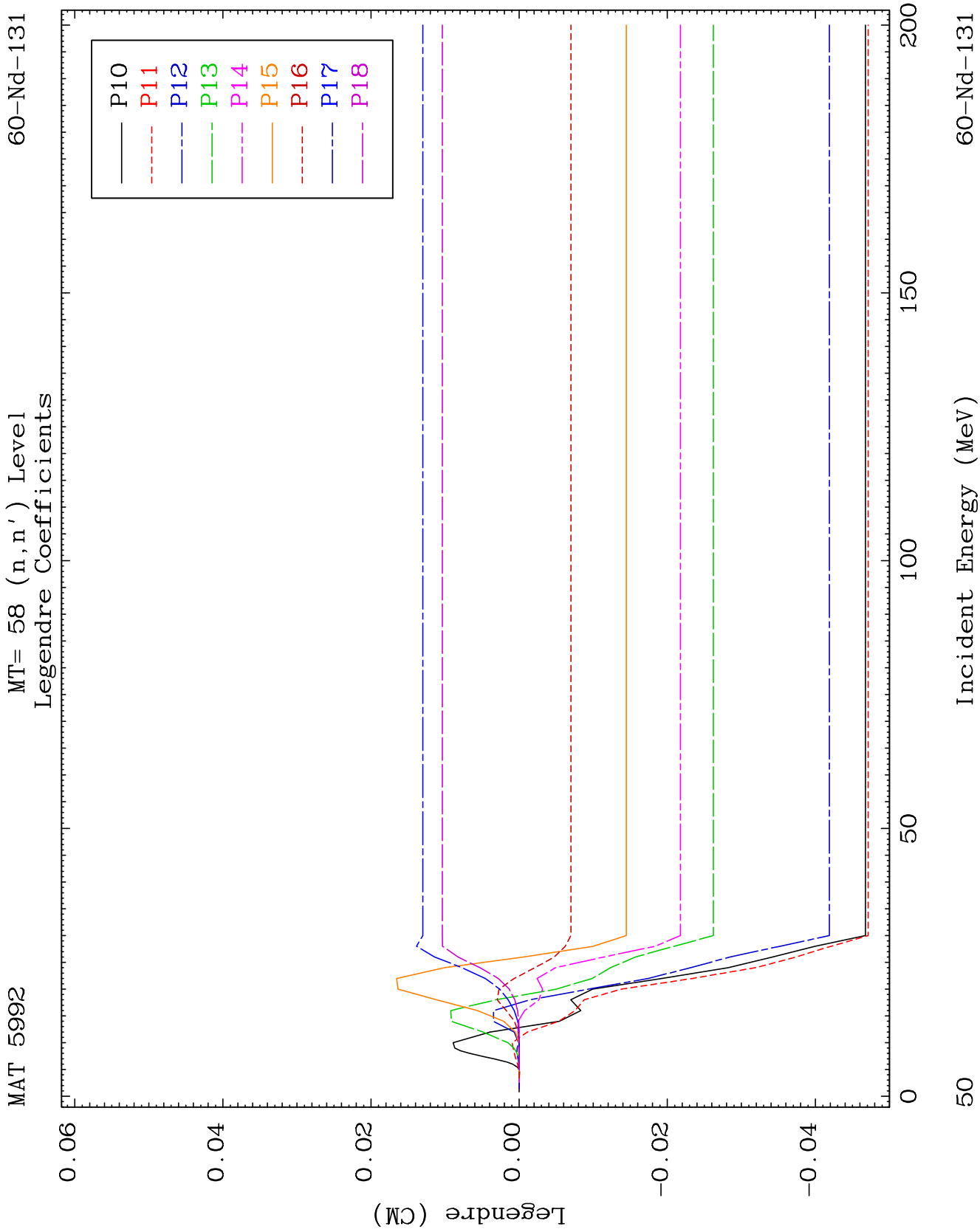
MAT 5992

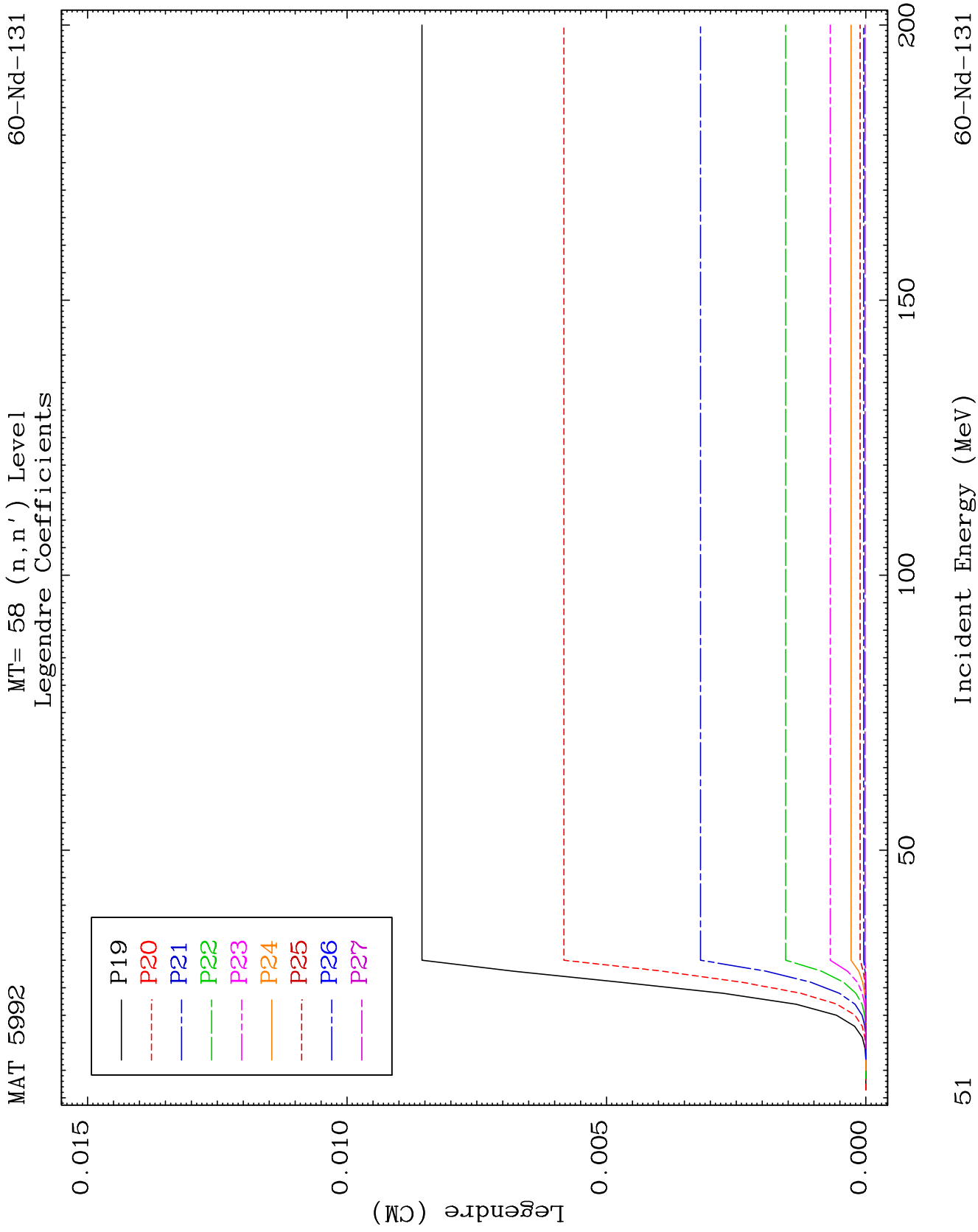
MT= 57 (n, n') Level
Legendre Coefficients

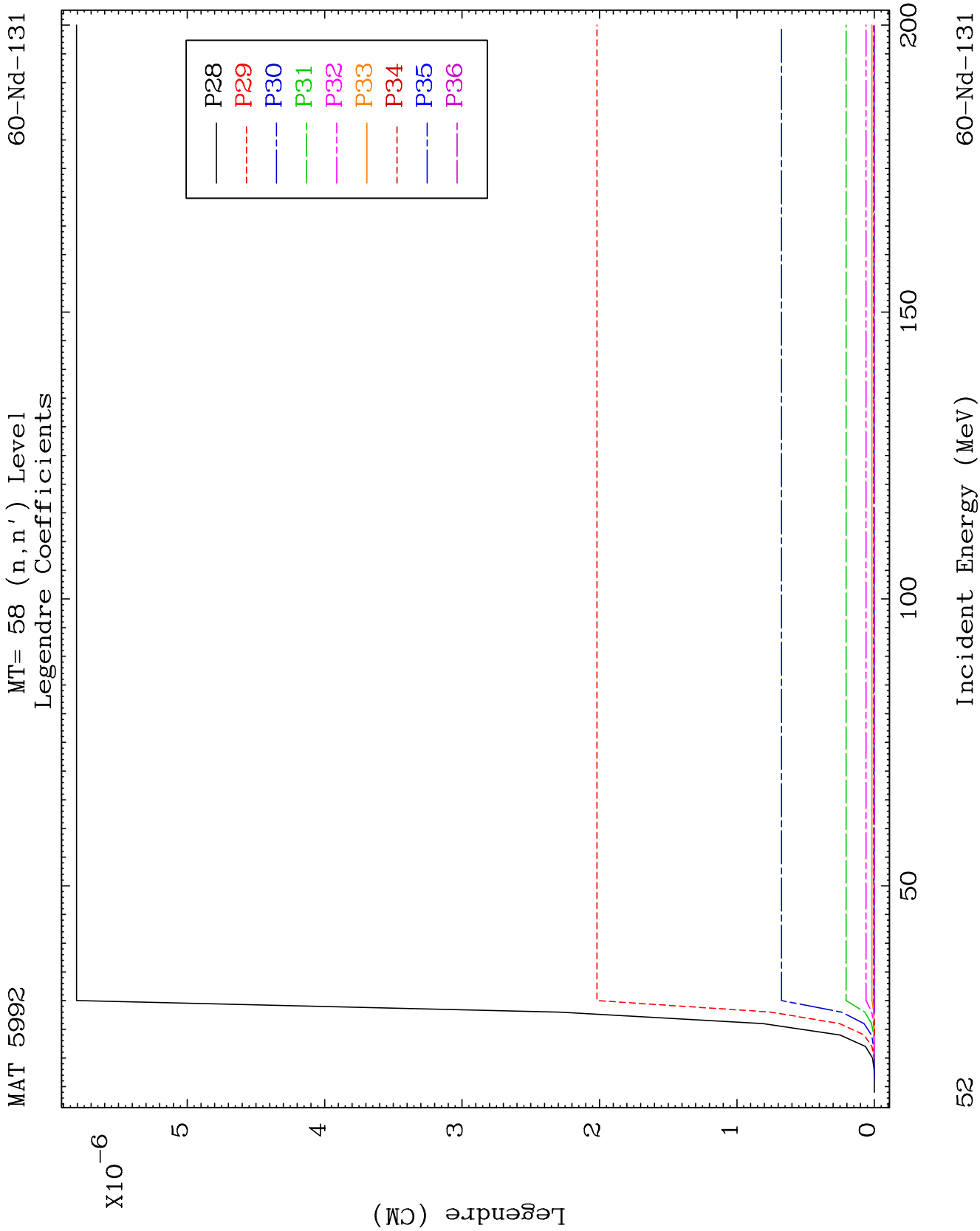
60-Nd-131

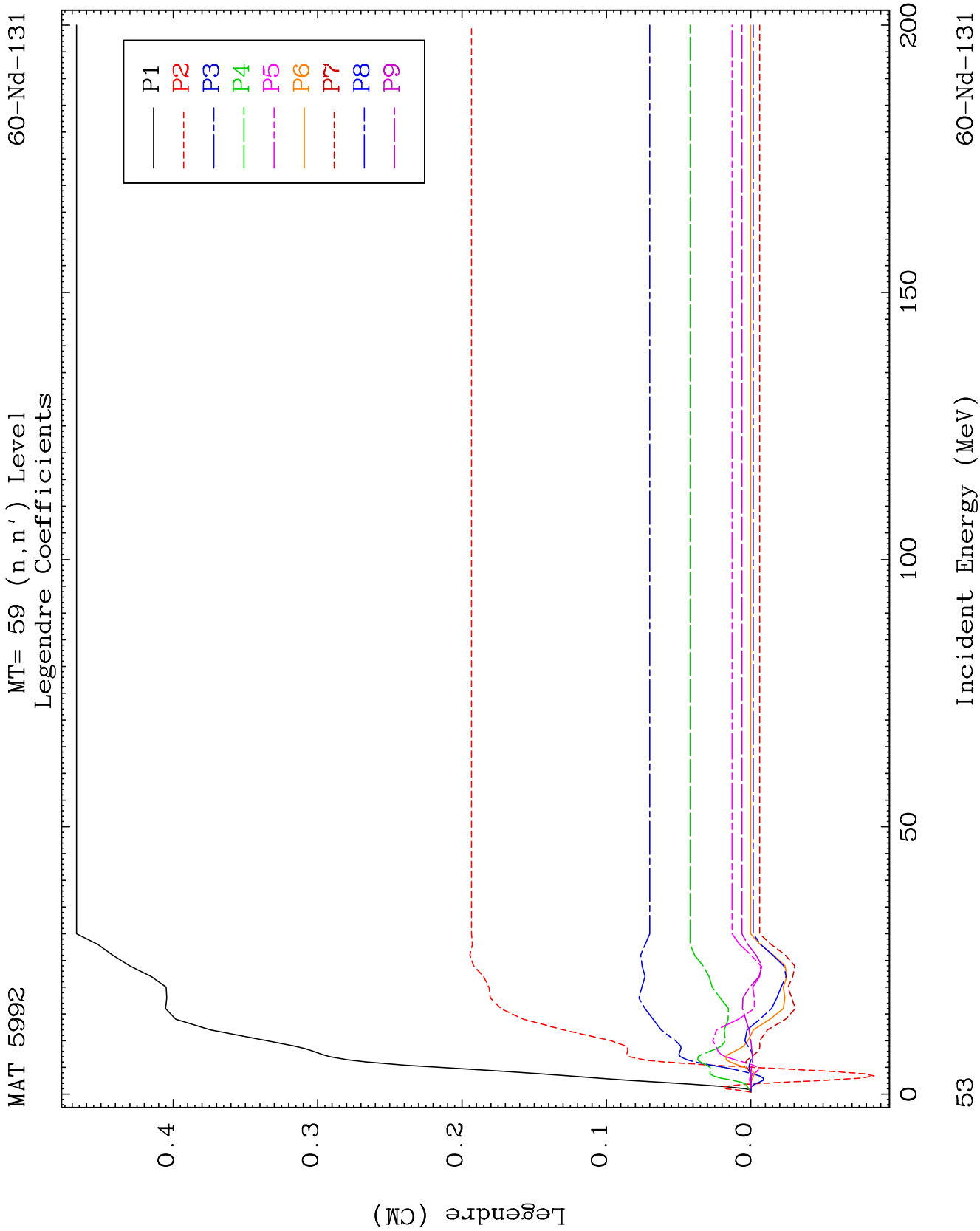








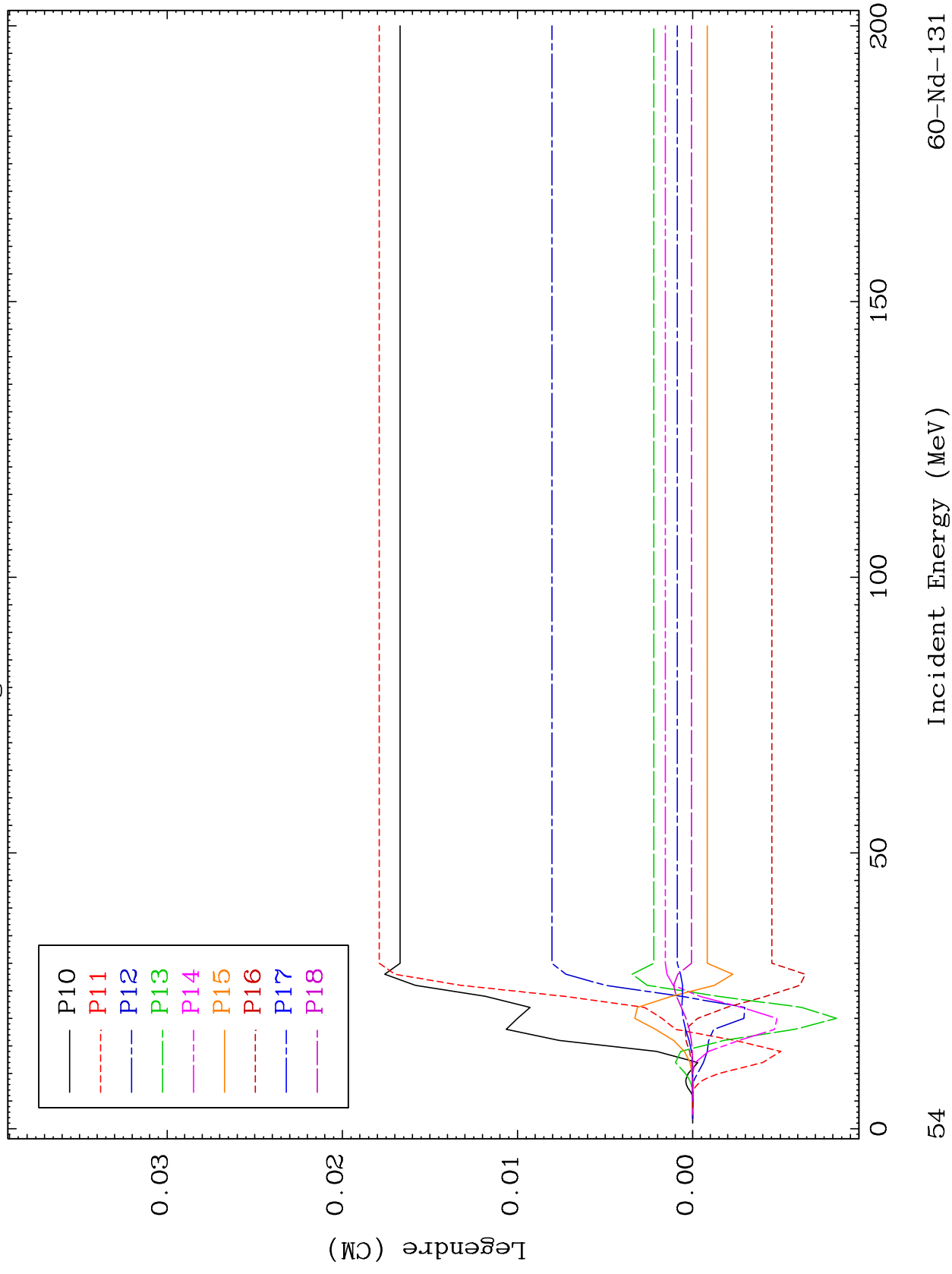


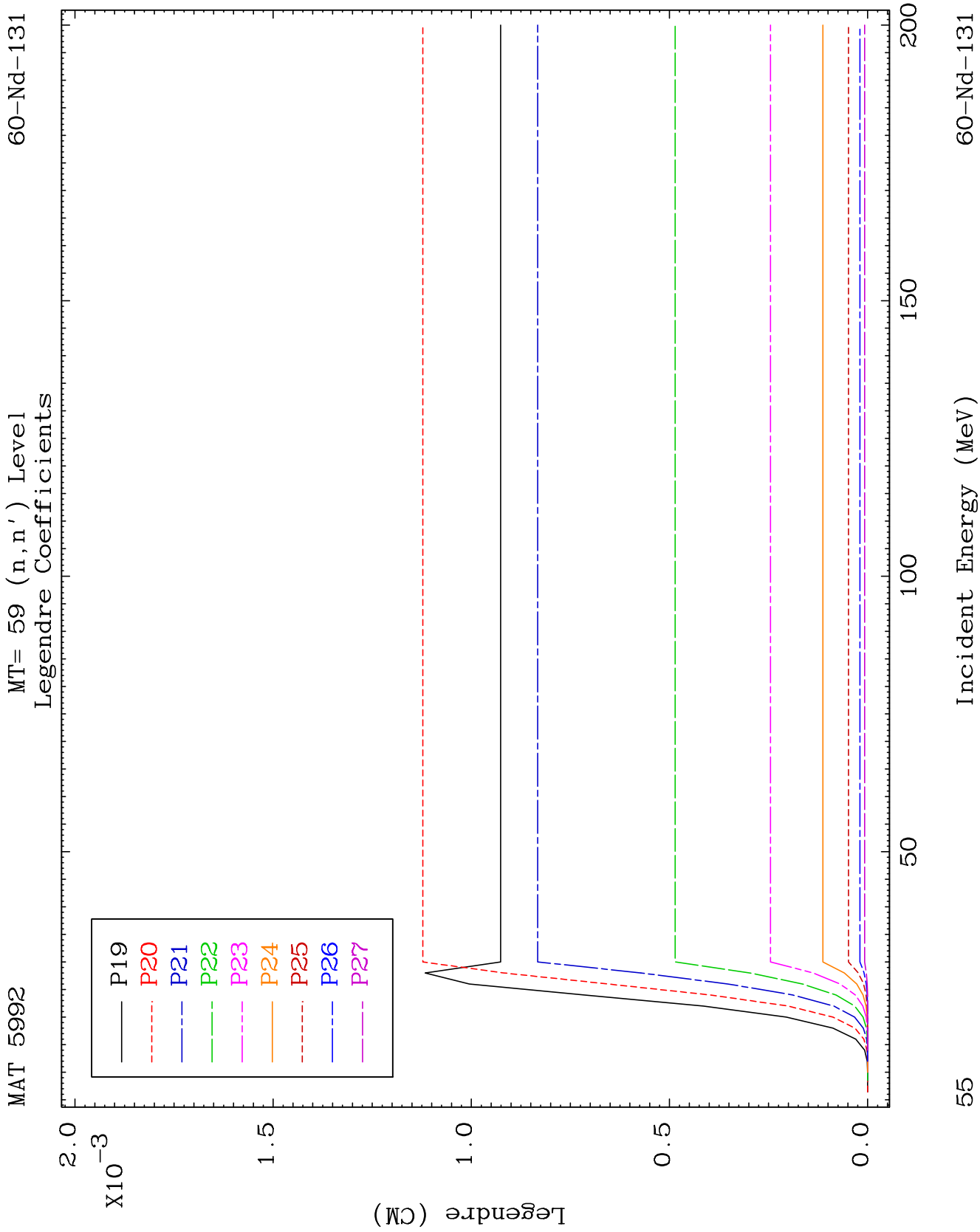


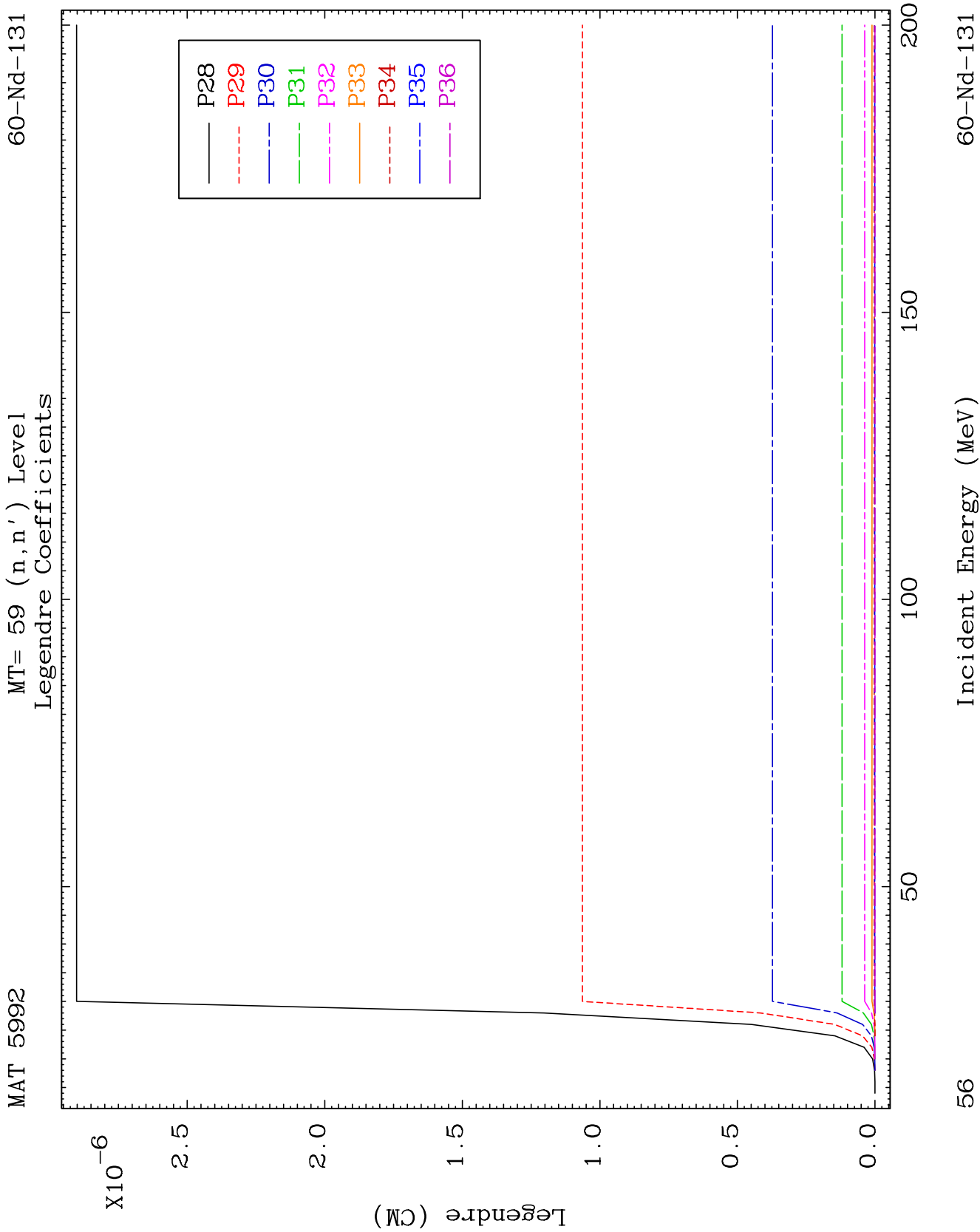
MAT 5992

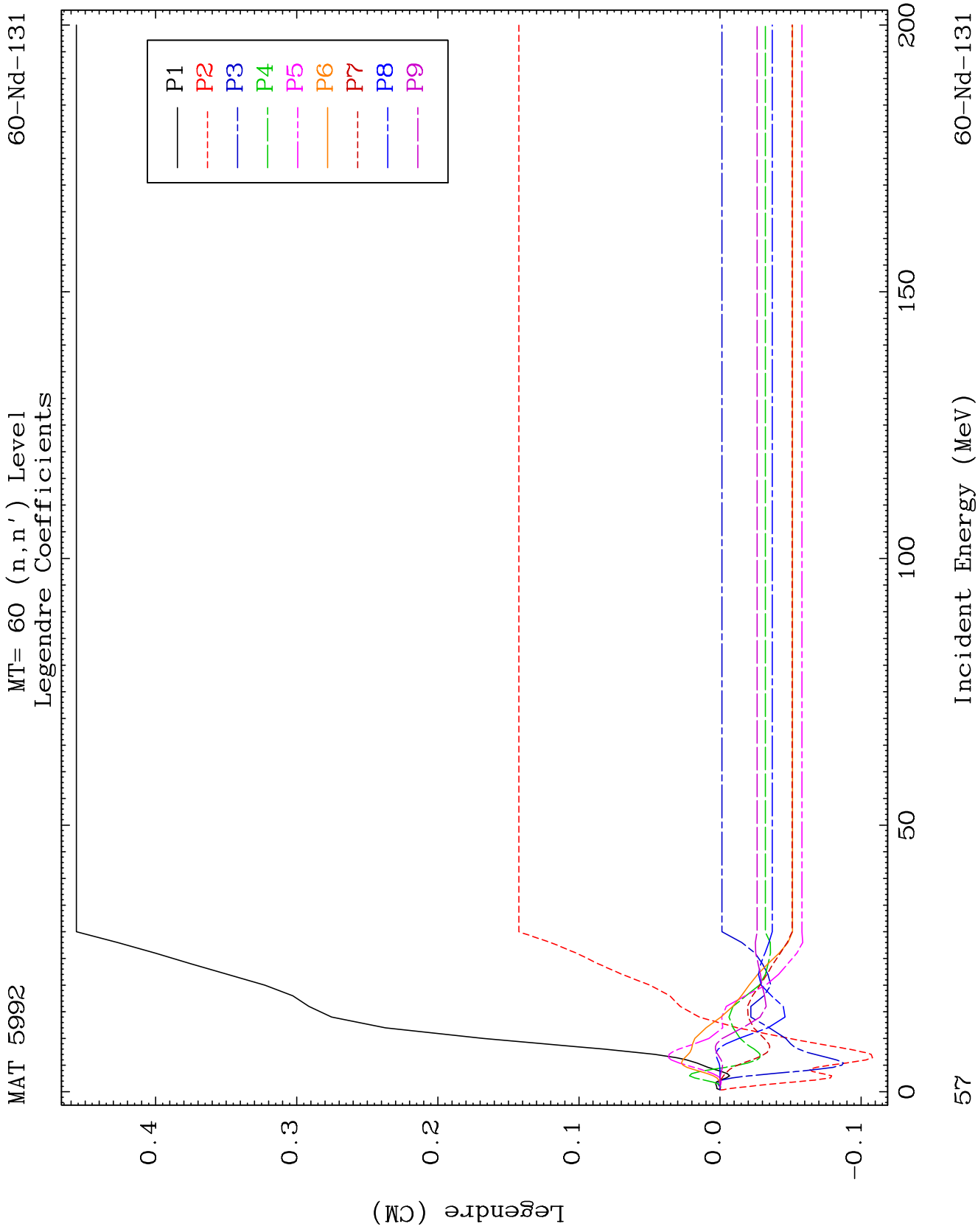
MT= 59 (n, n') Level
Legendre Coefficients

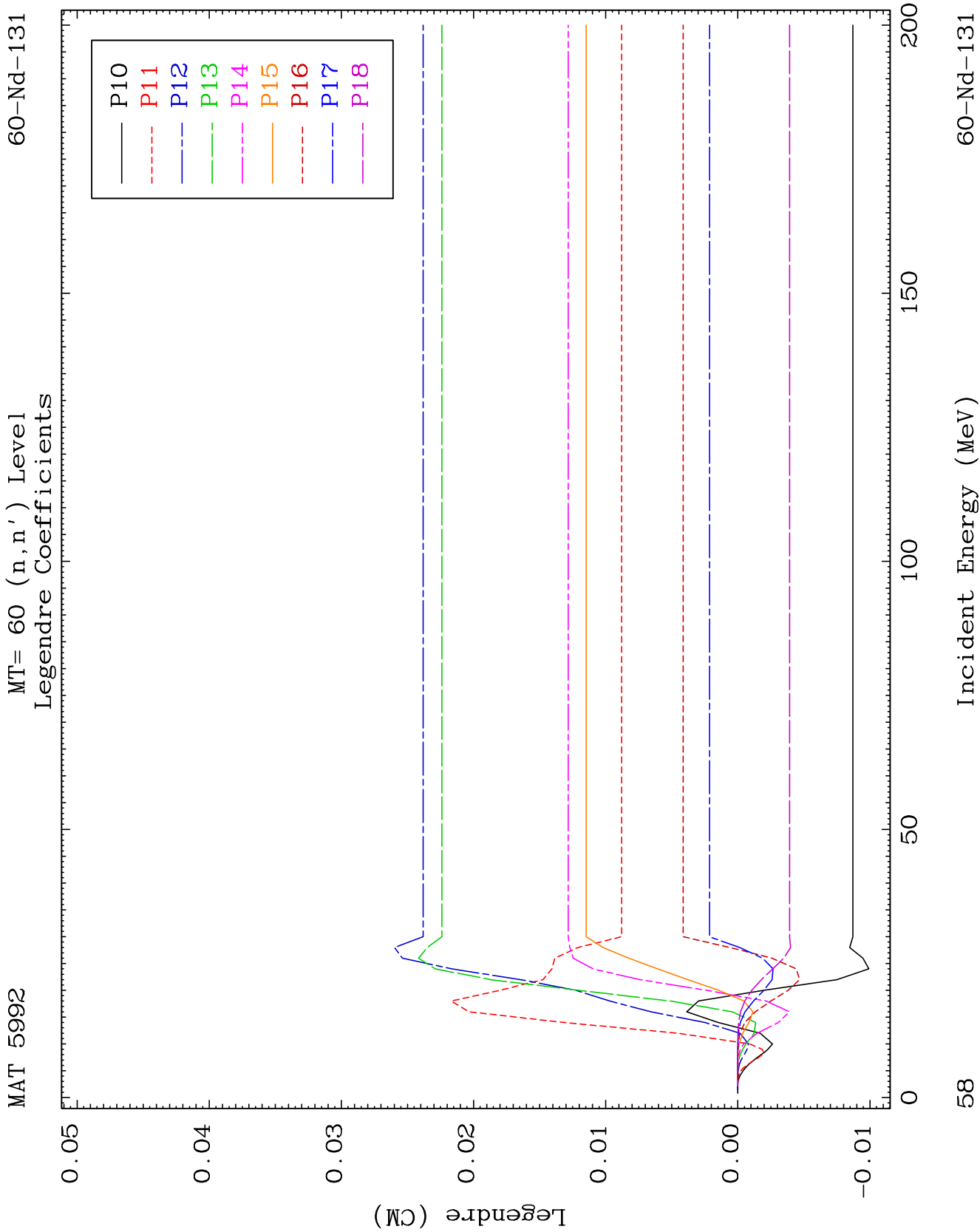
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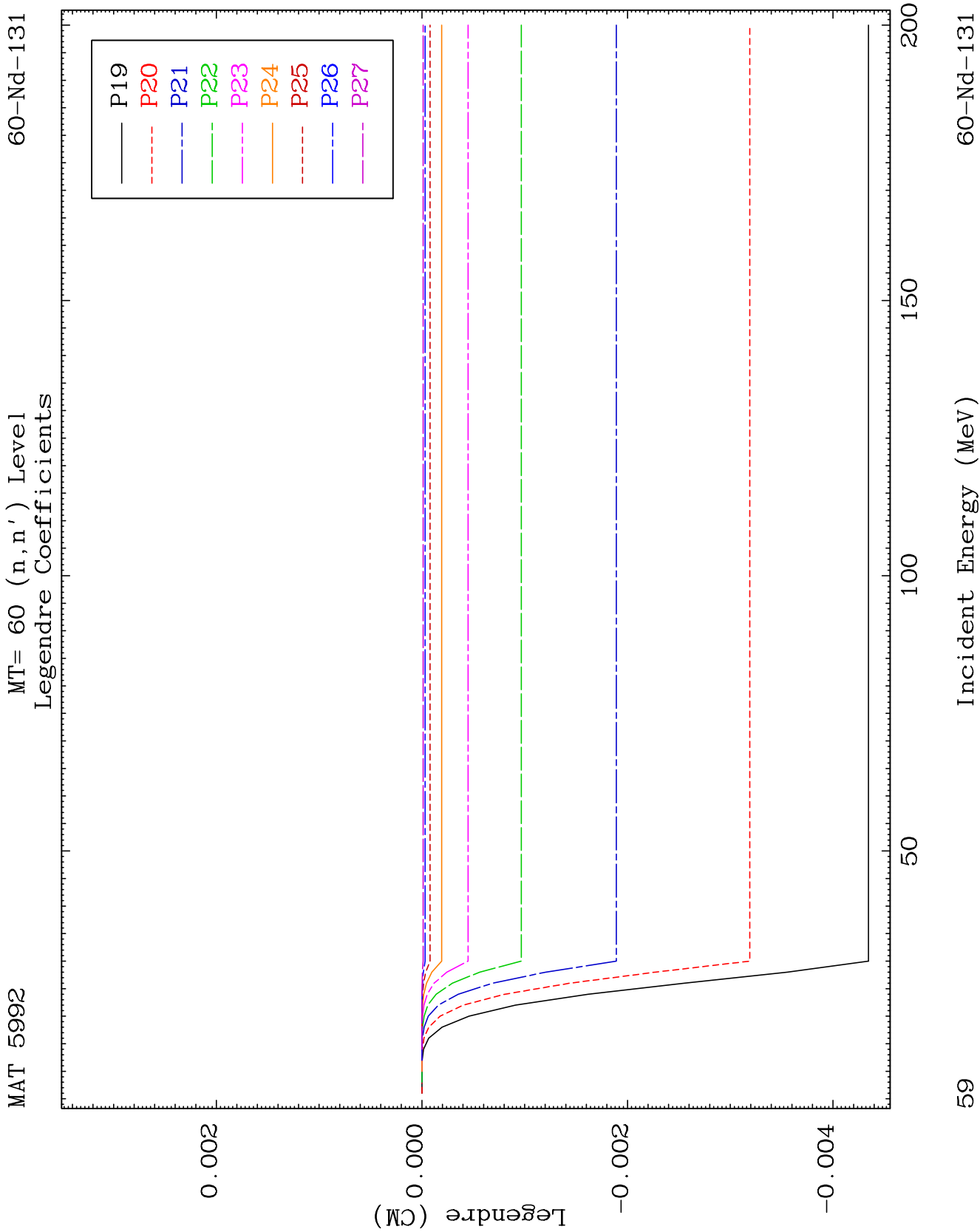


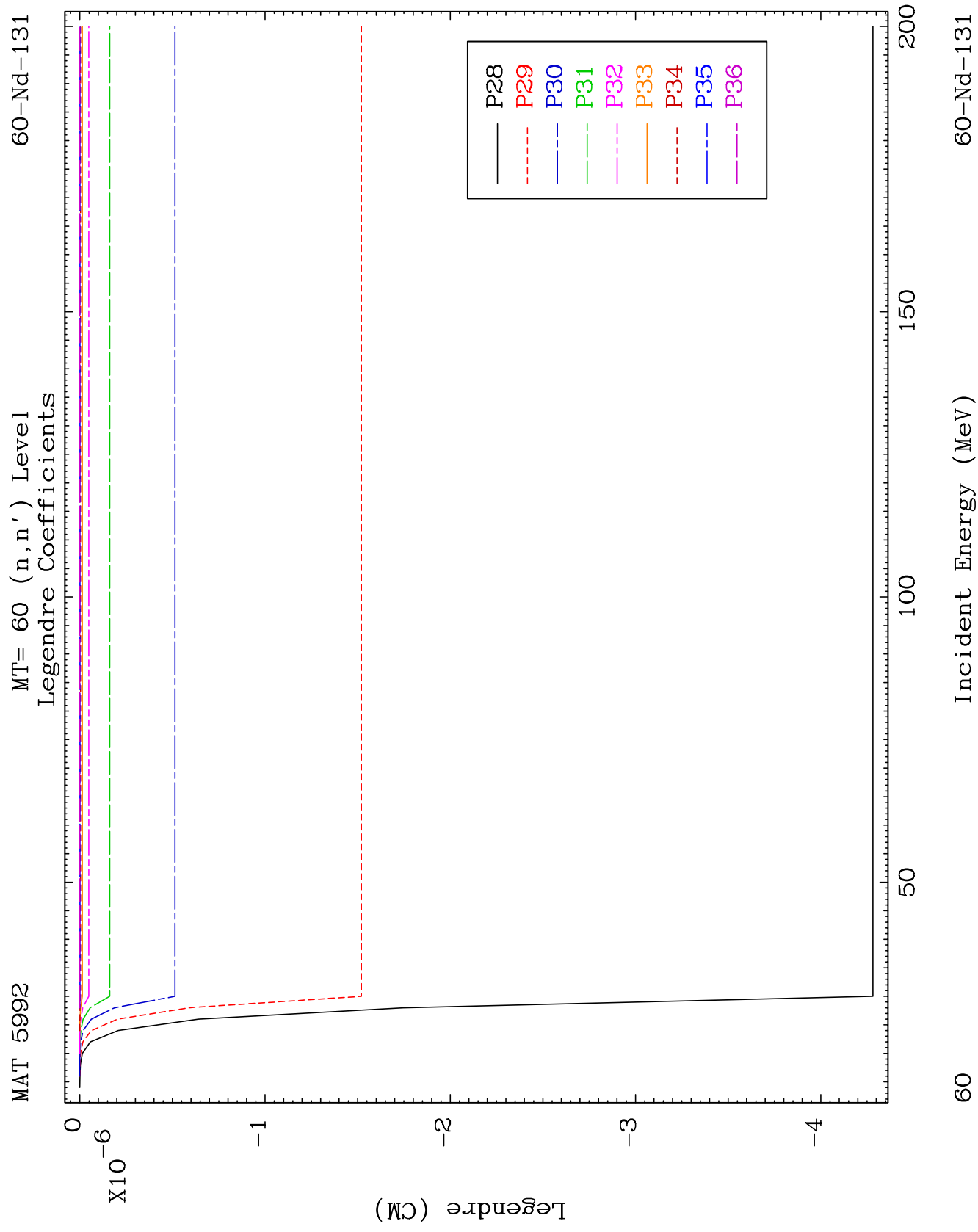








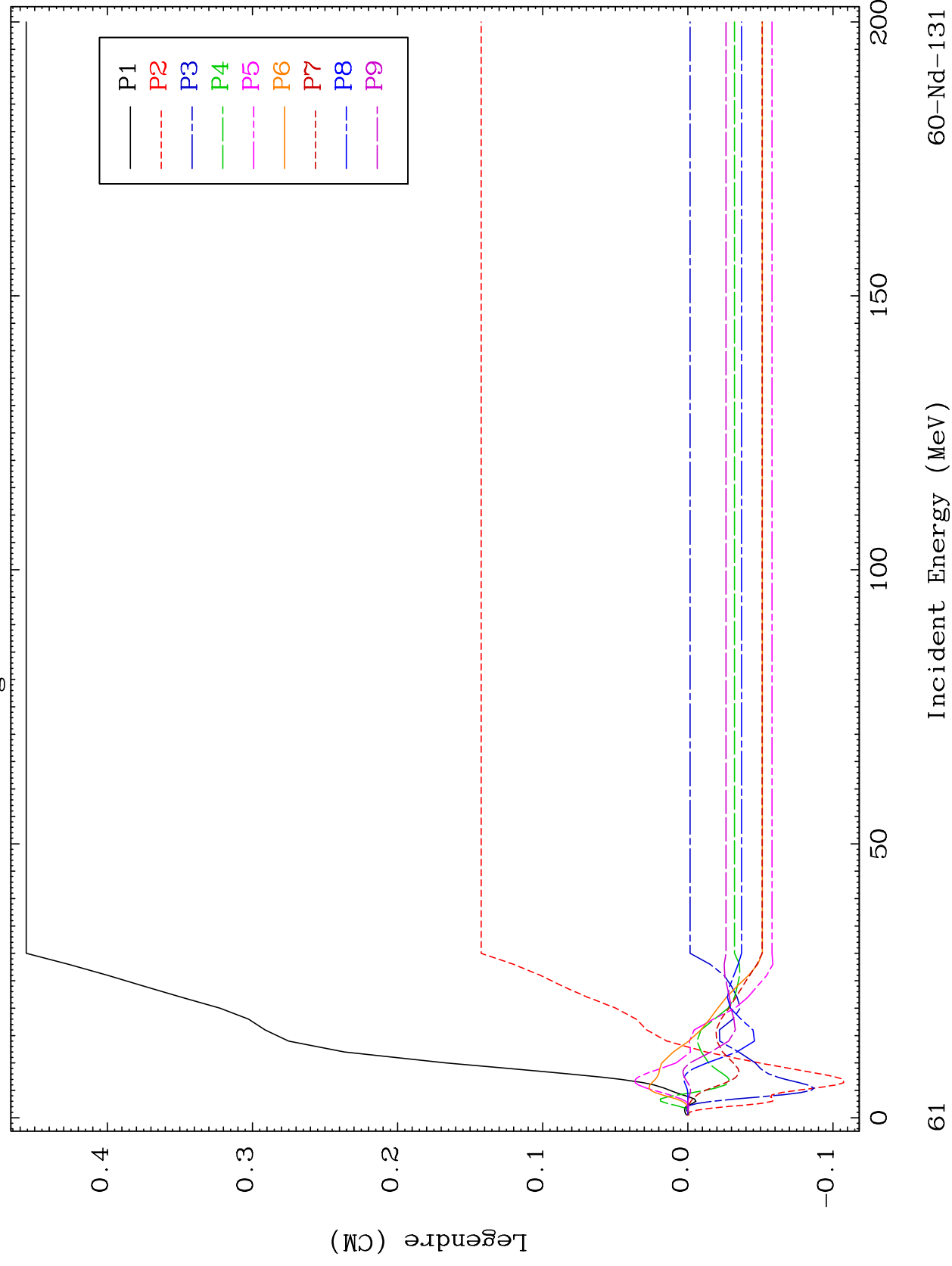


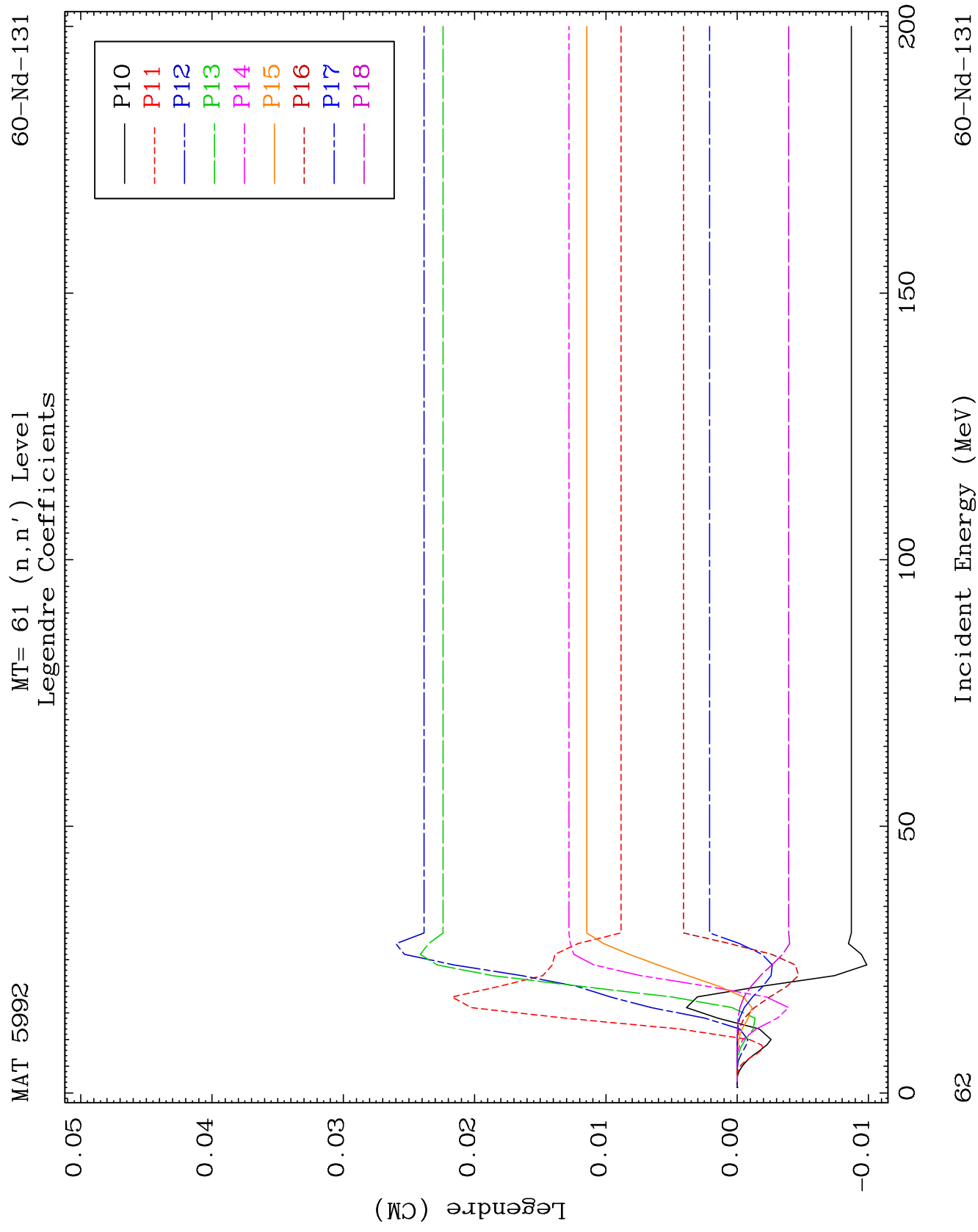


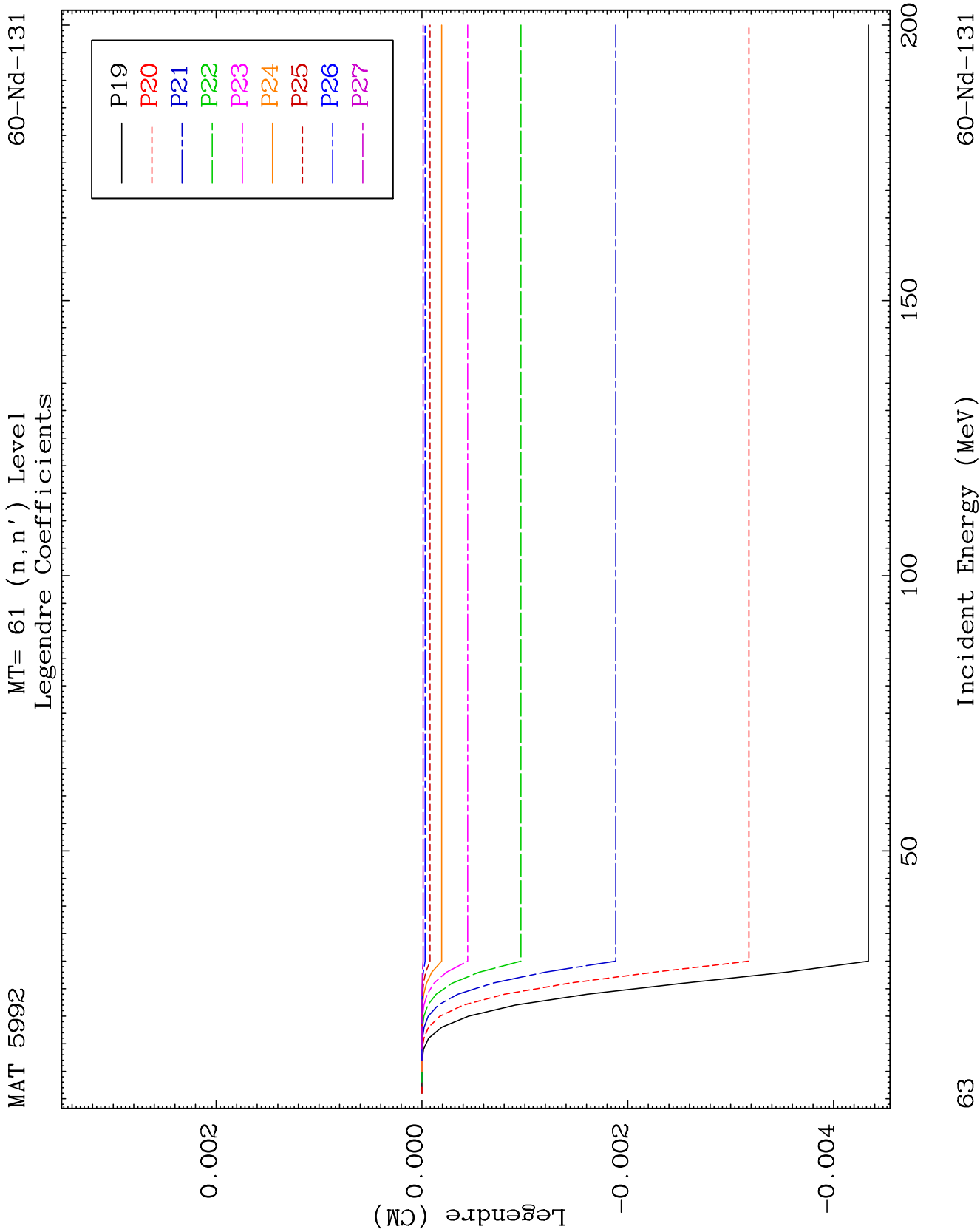
MAT 5992

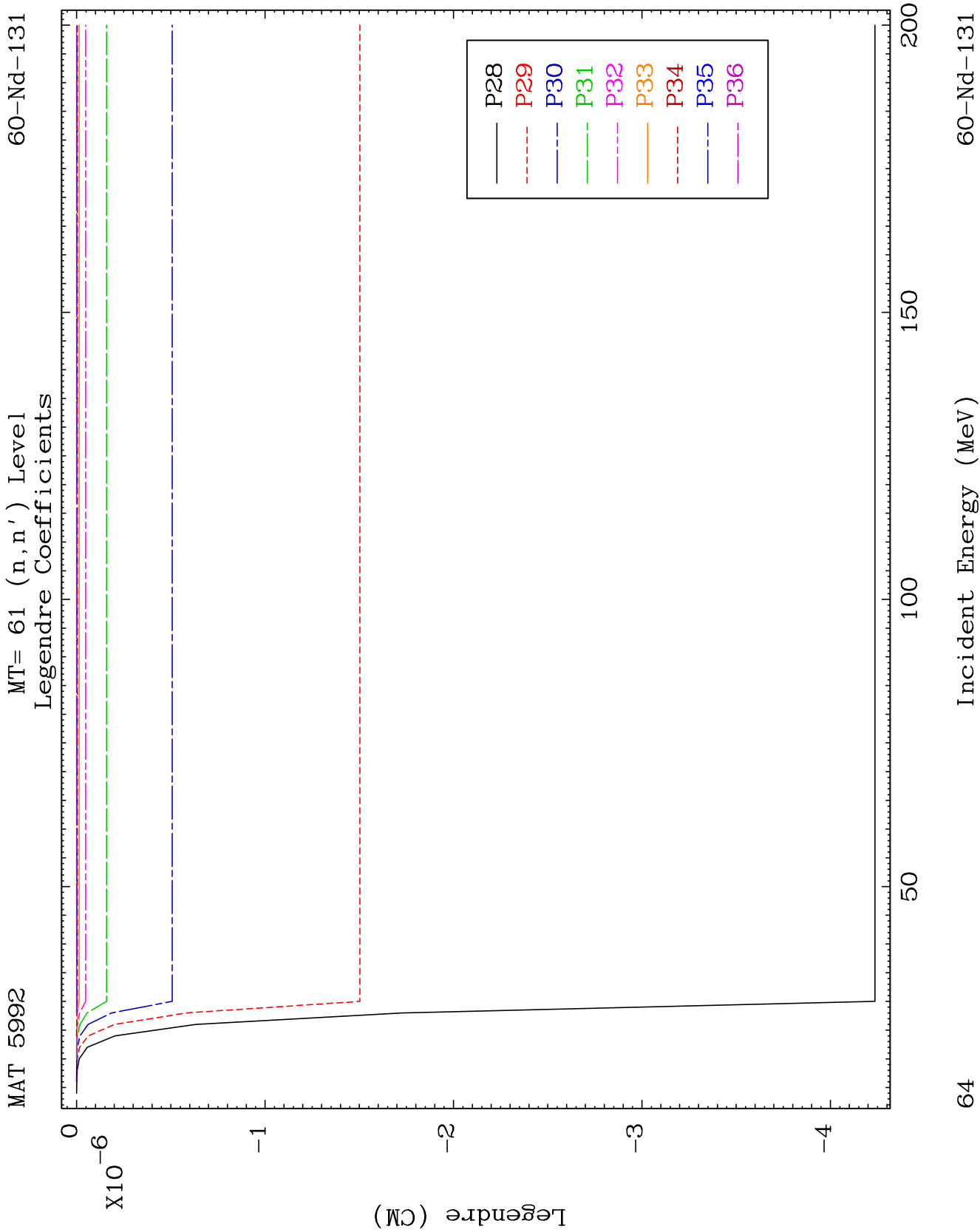
MT= 61 (n, n') Level
Legendre Coefficients

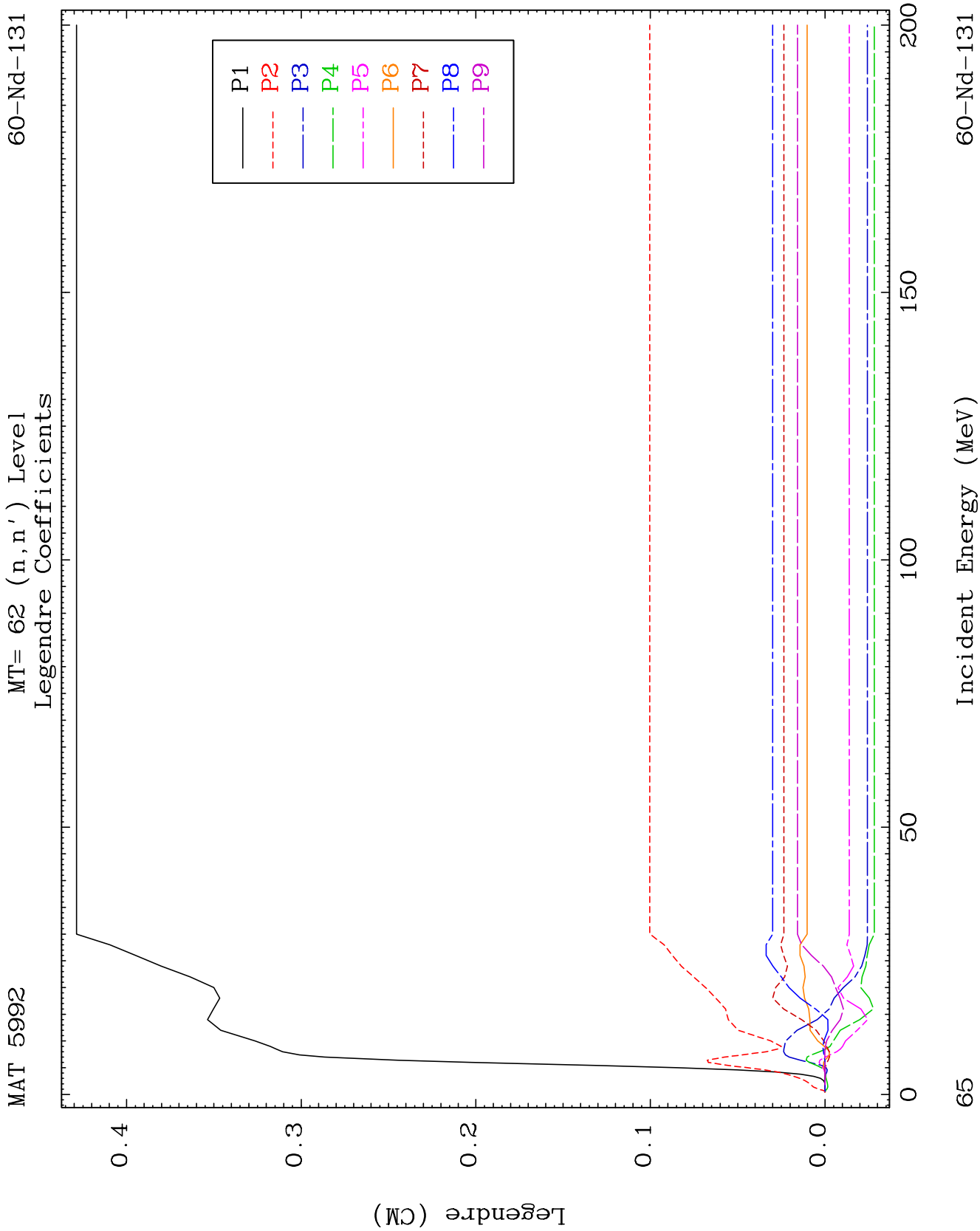
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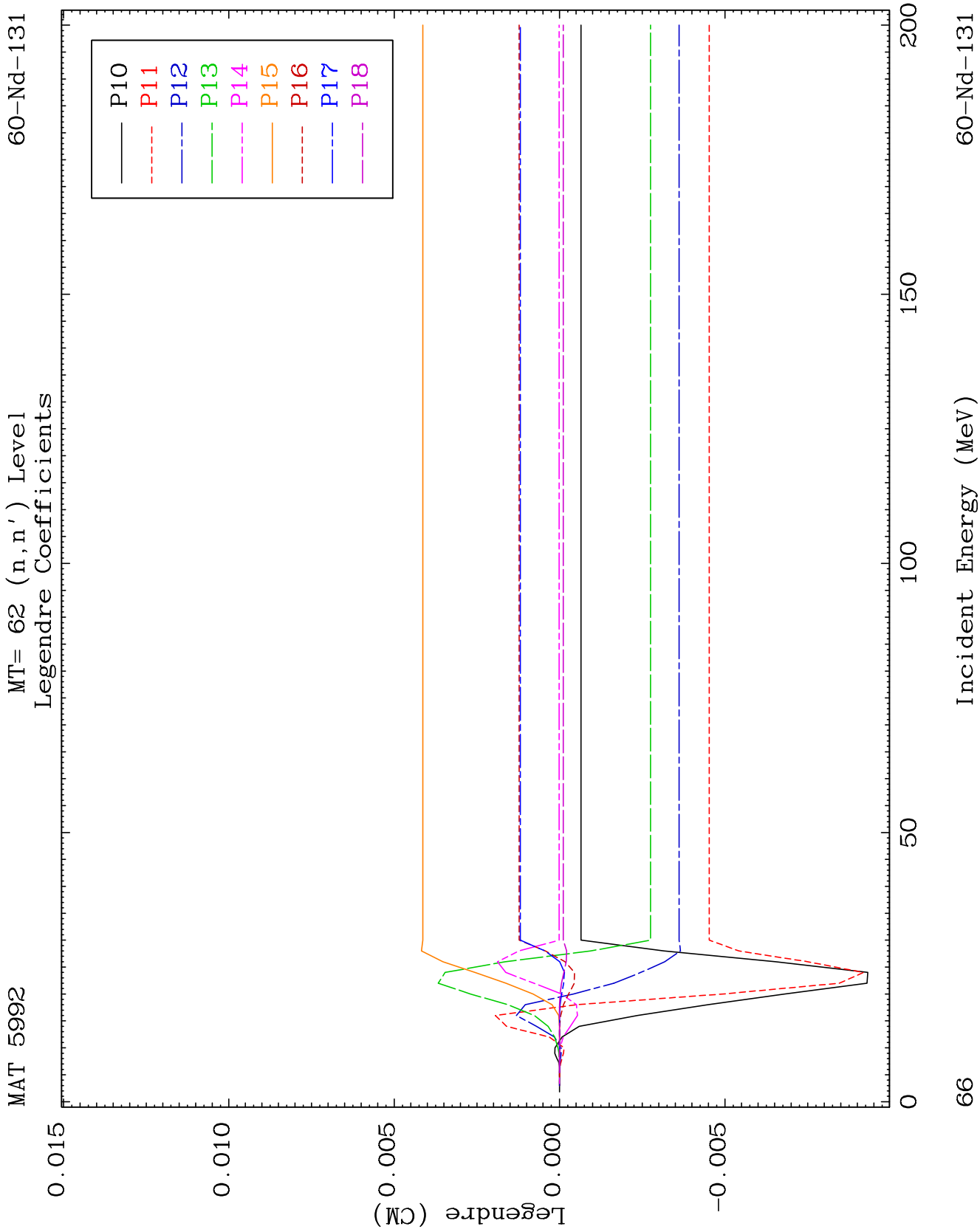


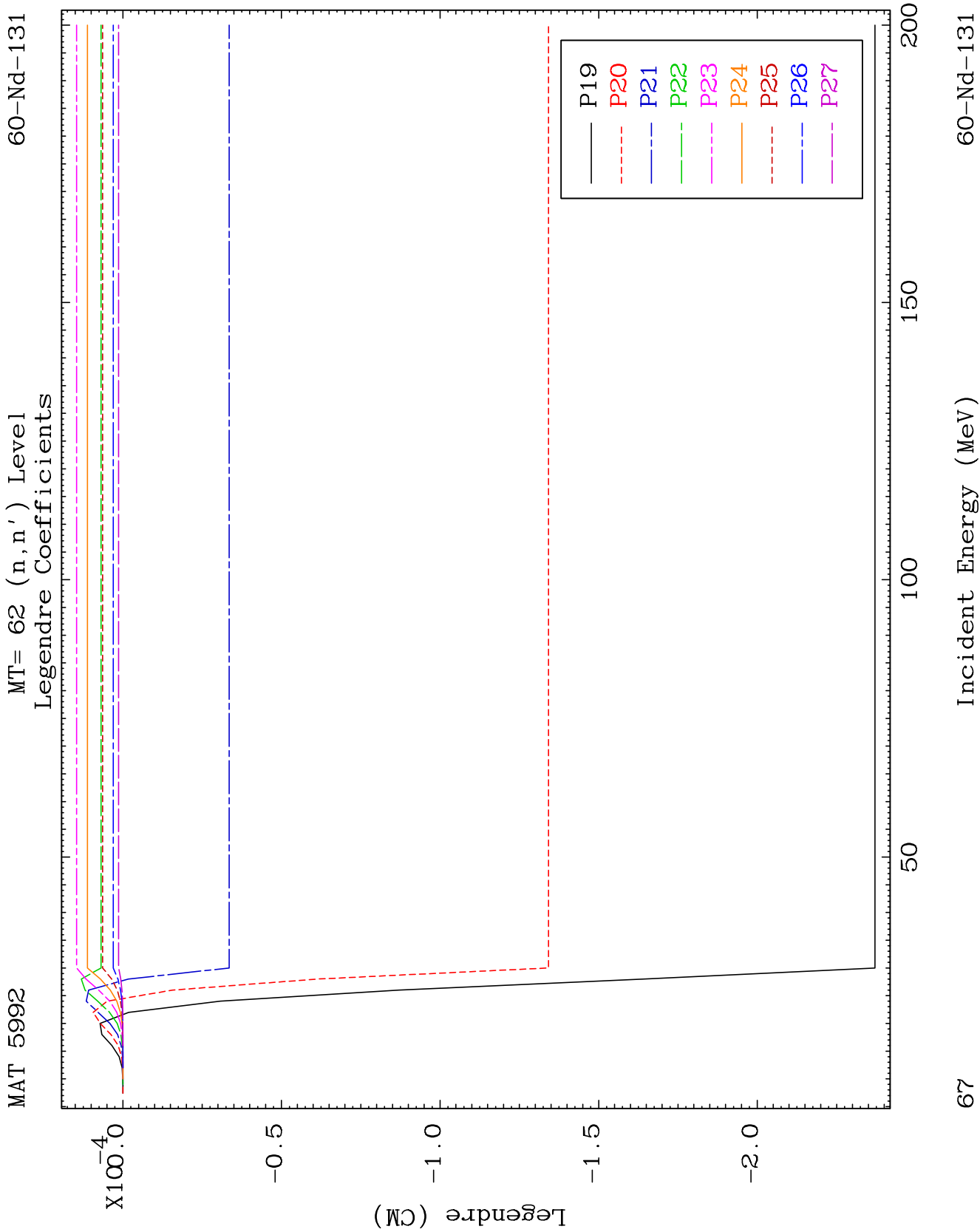


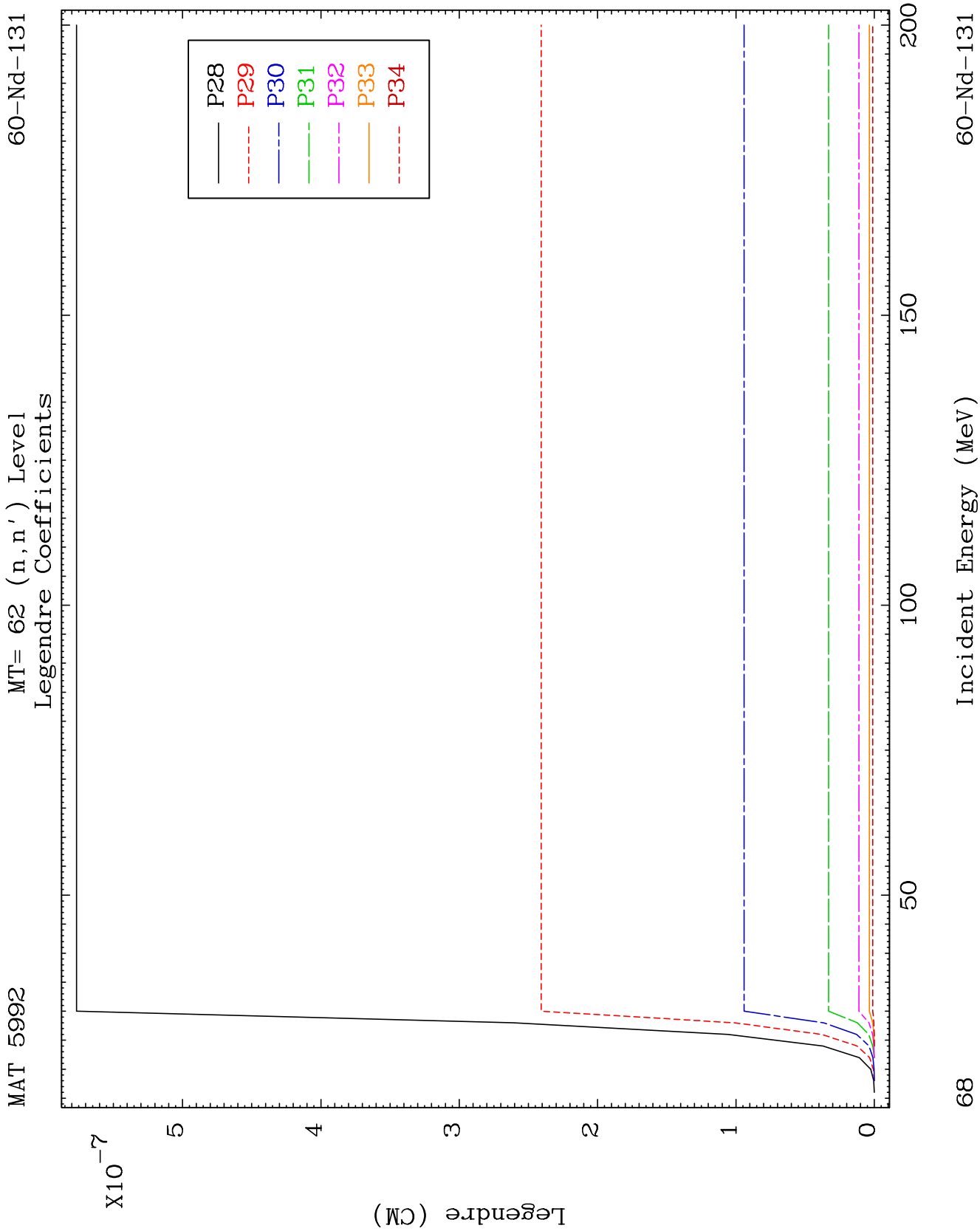








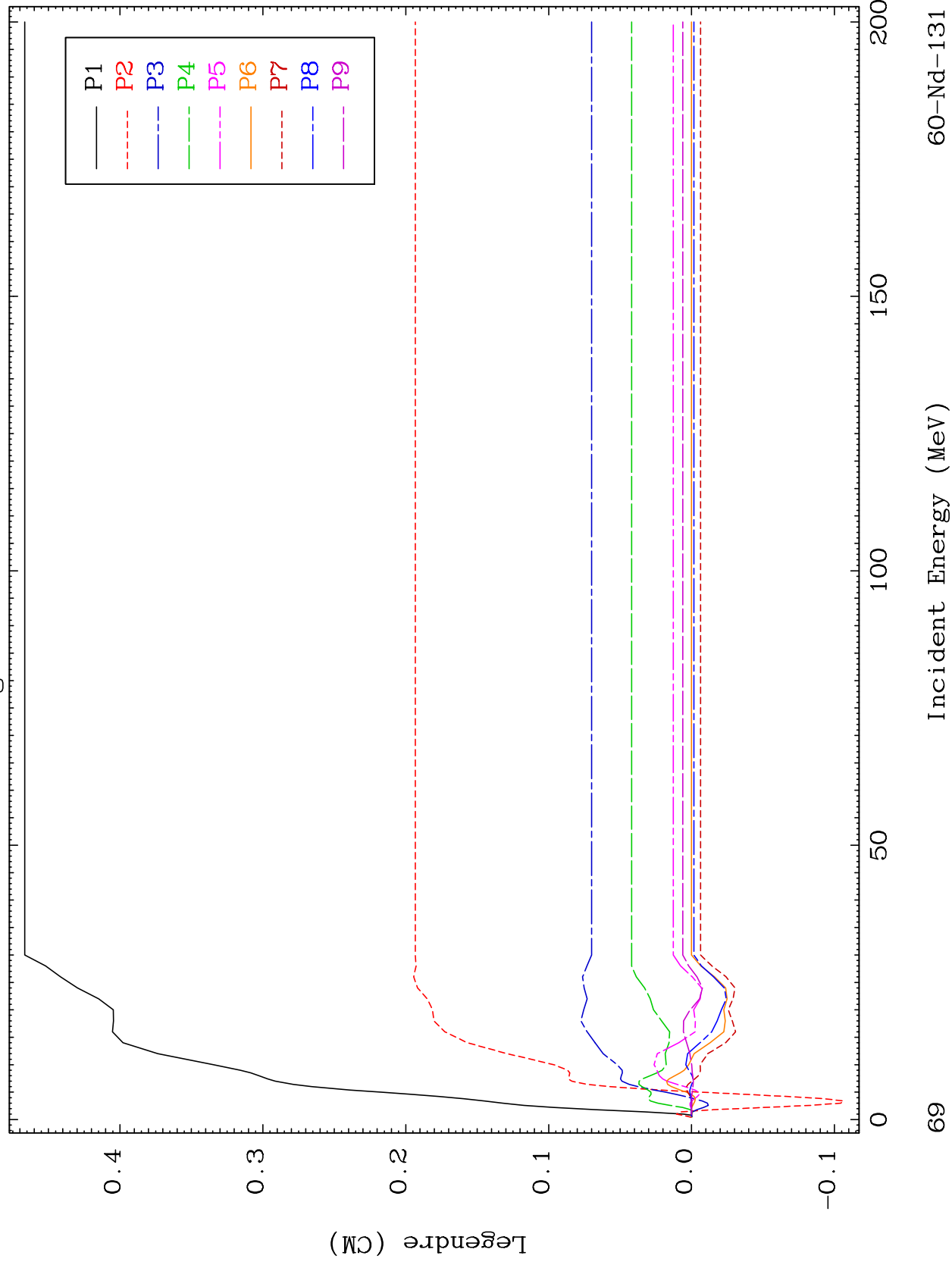




MAT 5992

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

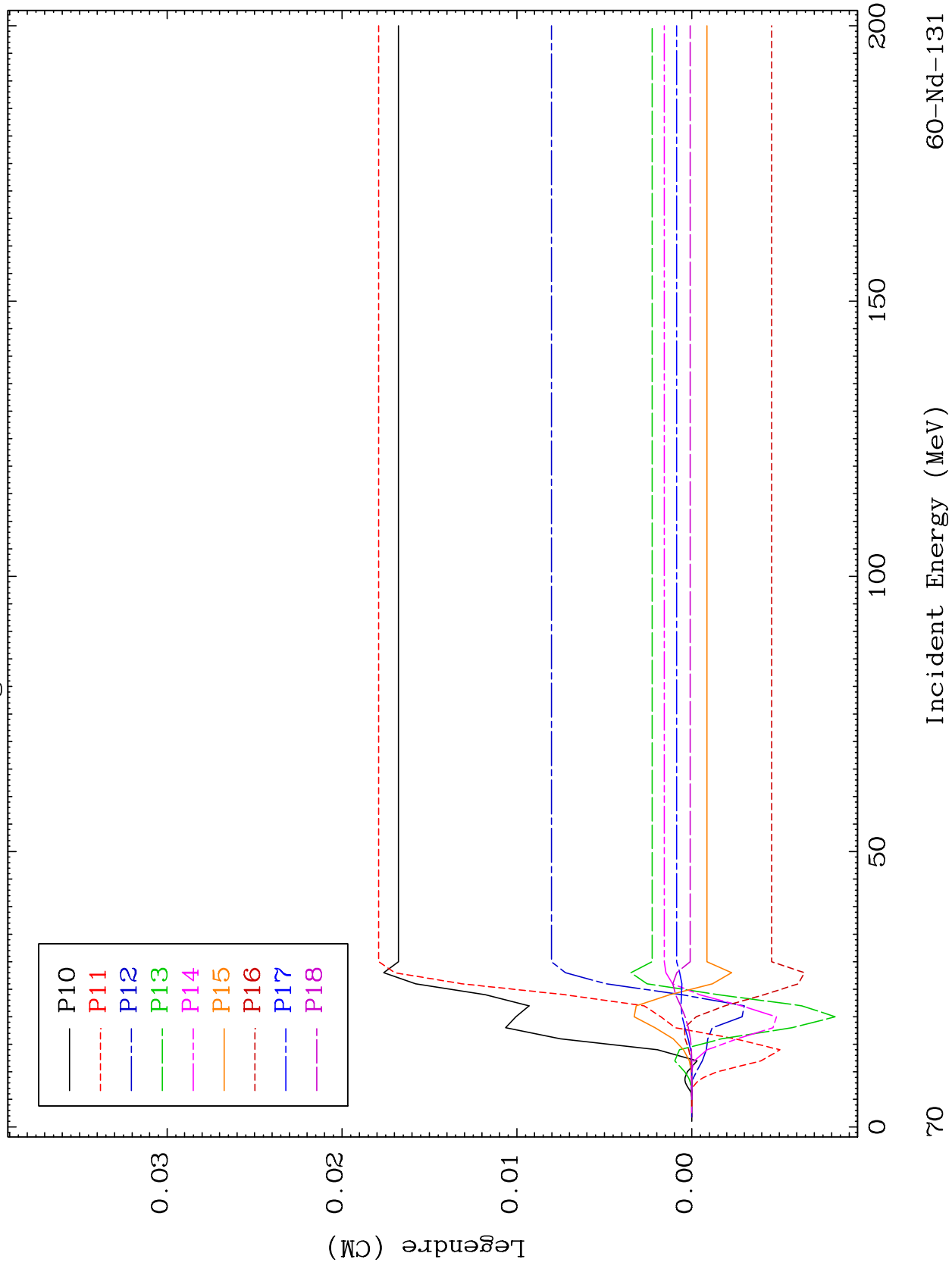
60-Nd-131



MAT 5992

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

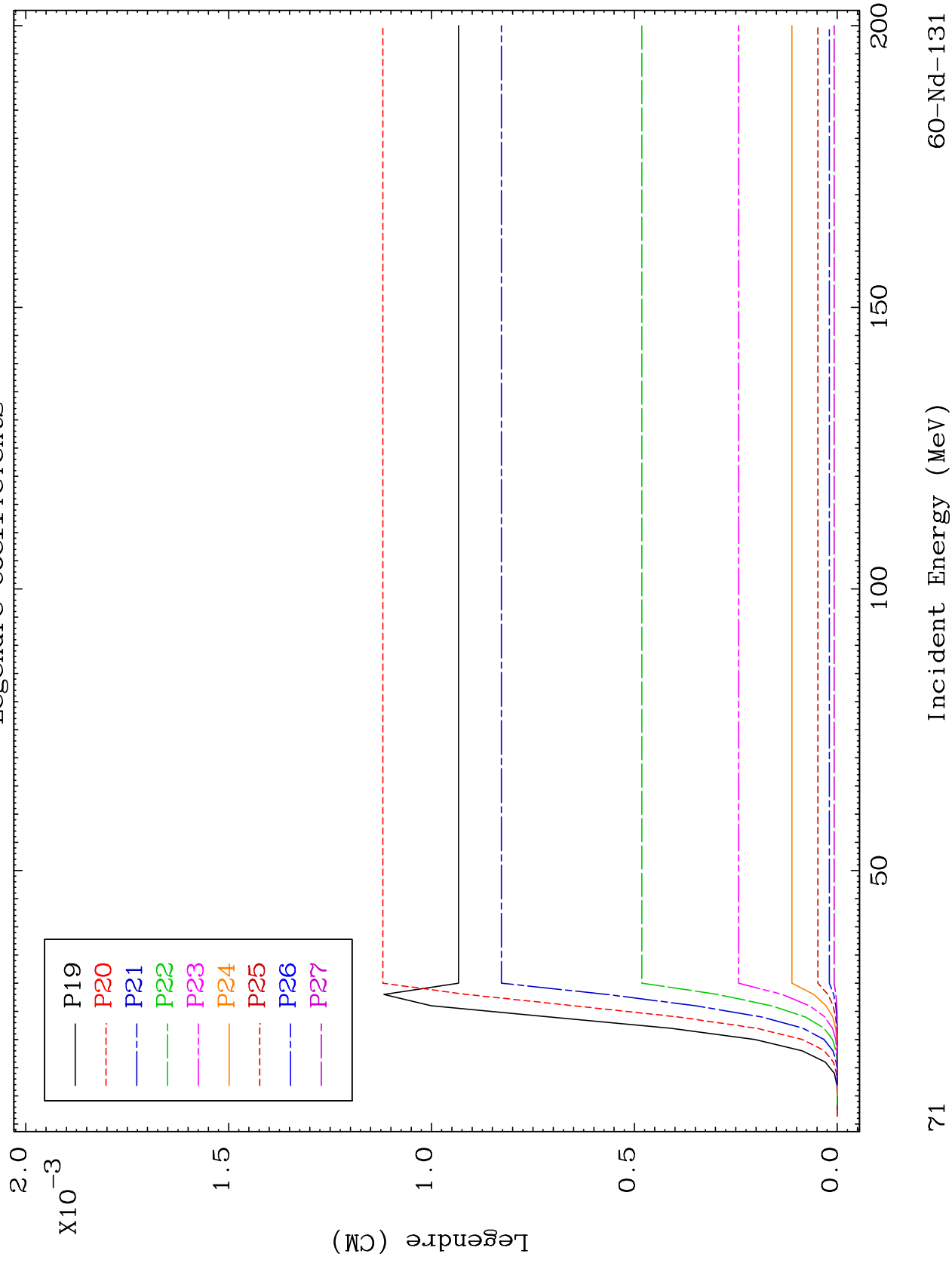
60-Nd-131

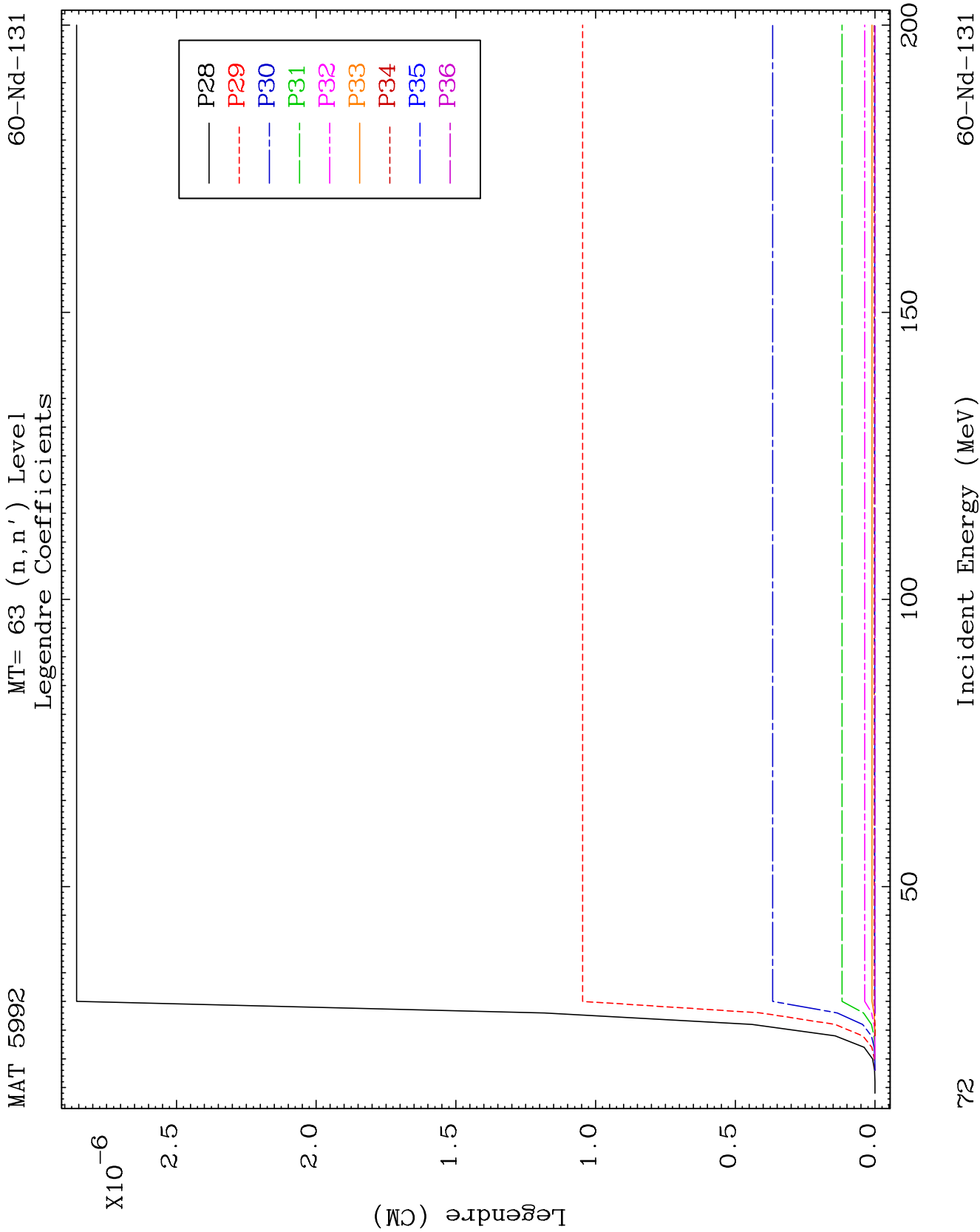


MAT 5992

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

60-Nd-131

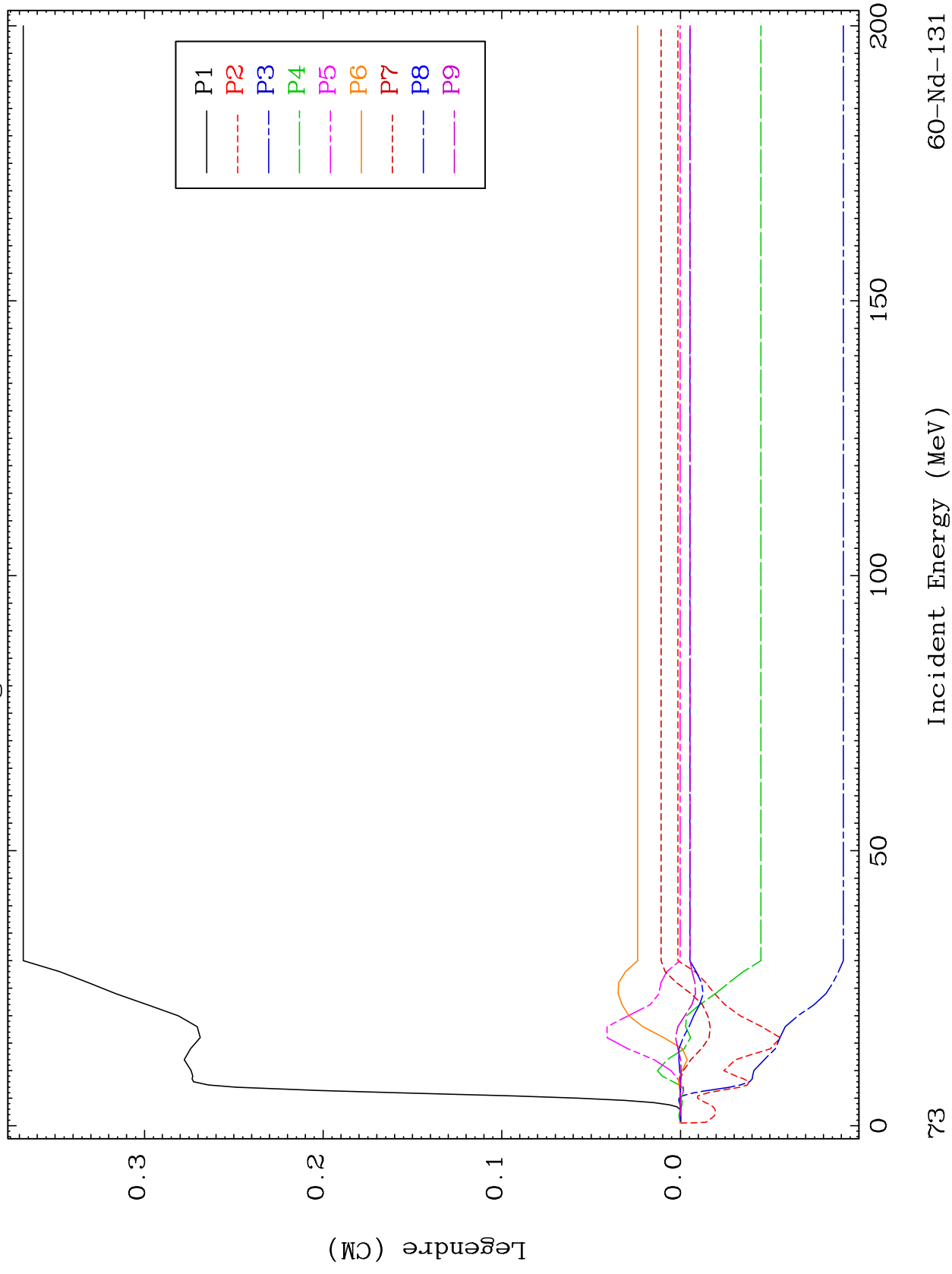




MAT 5992

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

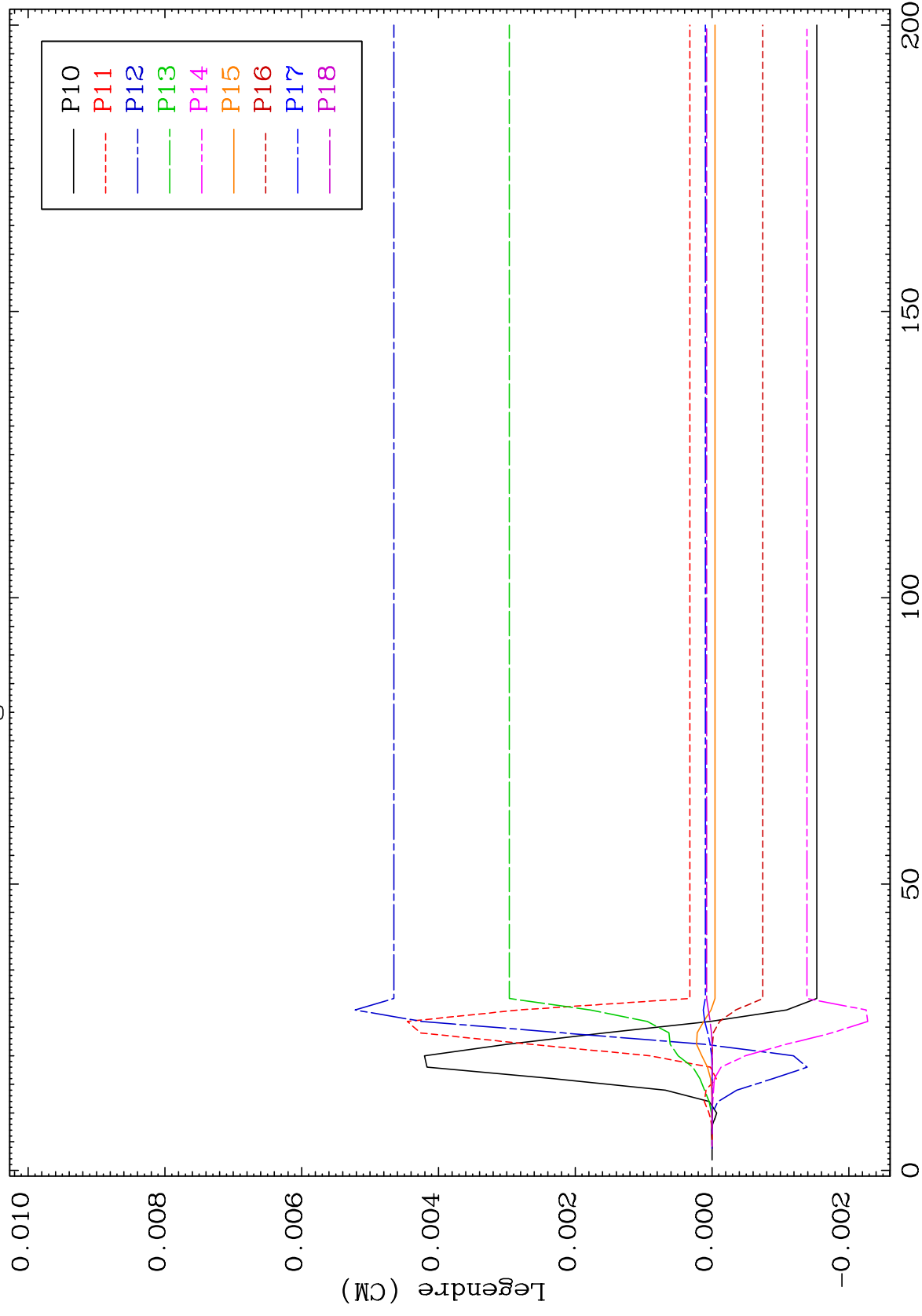
60-Nd-131



MAT 5992

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

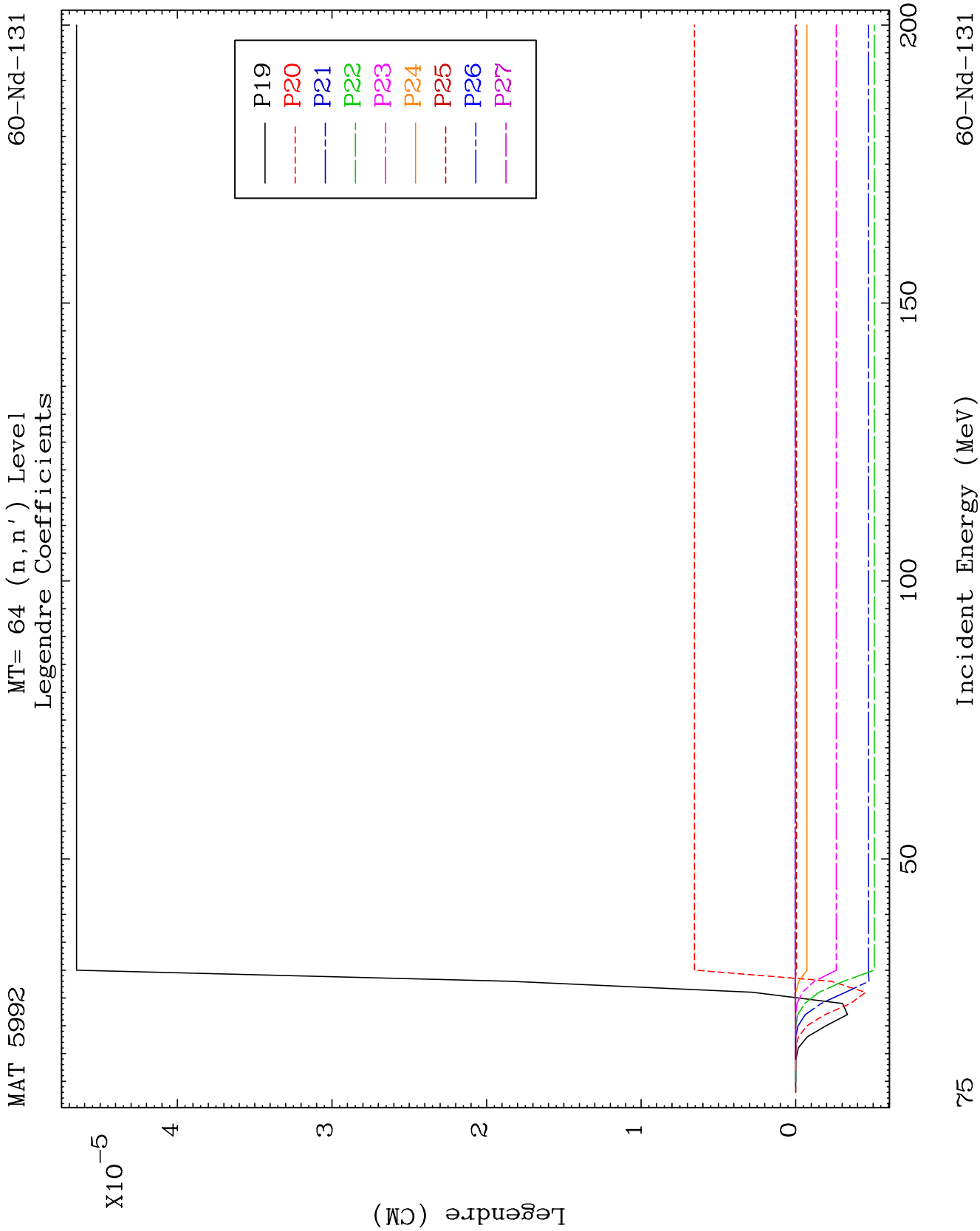
60-Nd-131

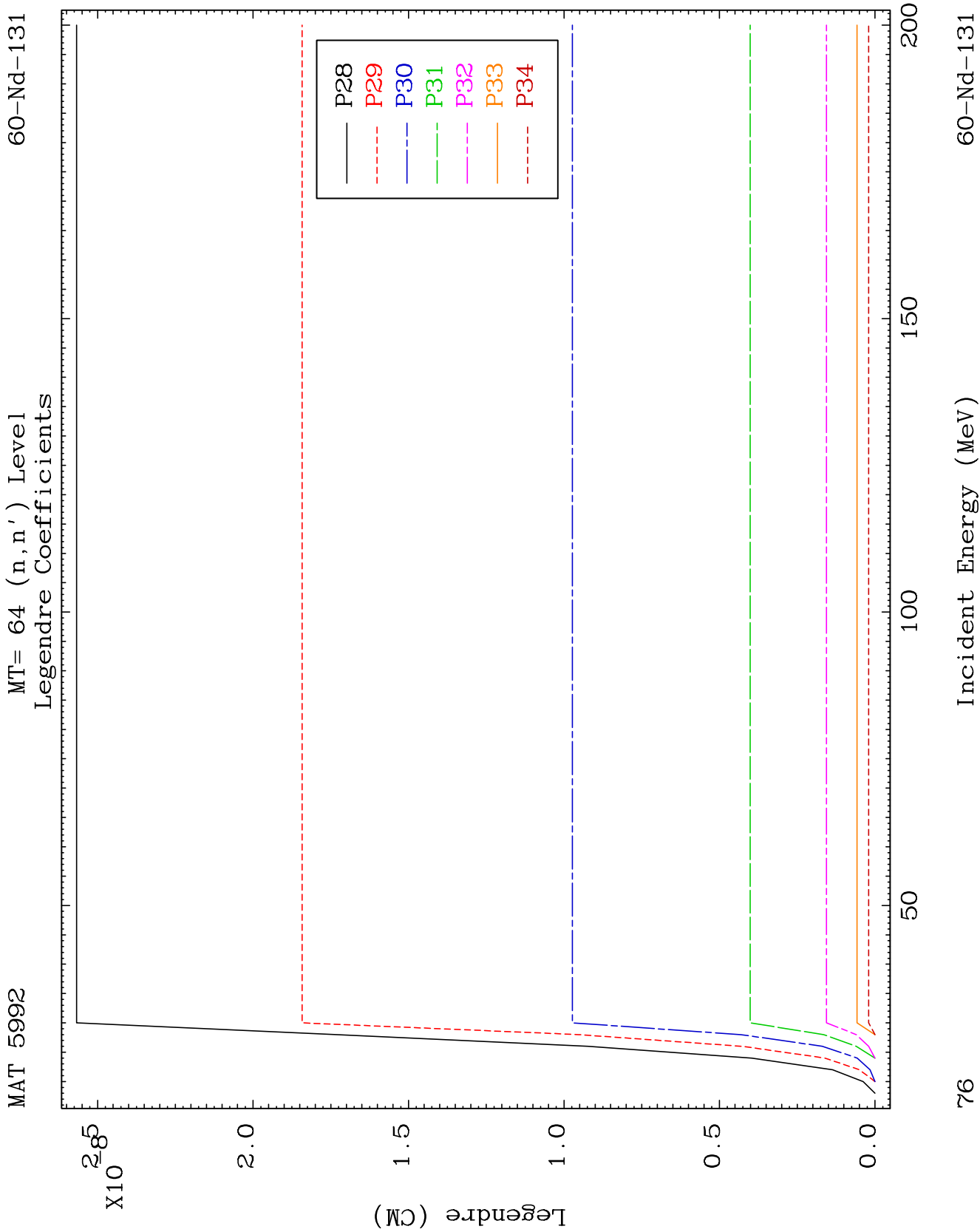


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Incident Energy (MeV)

60-Nd-131

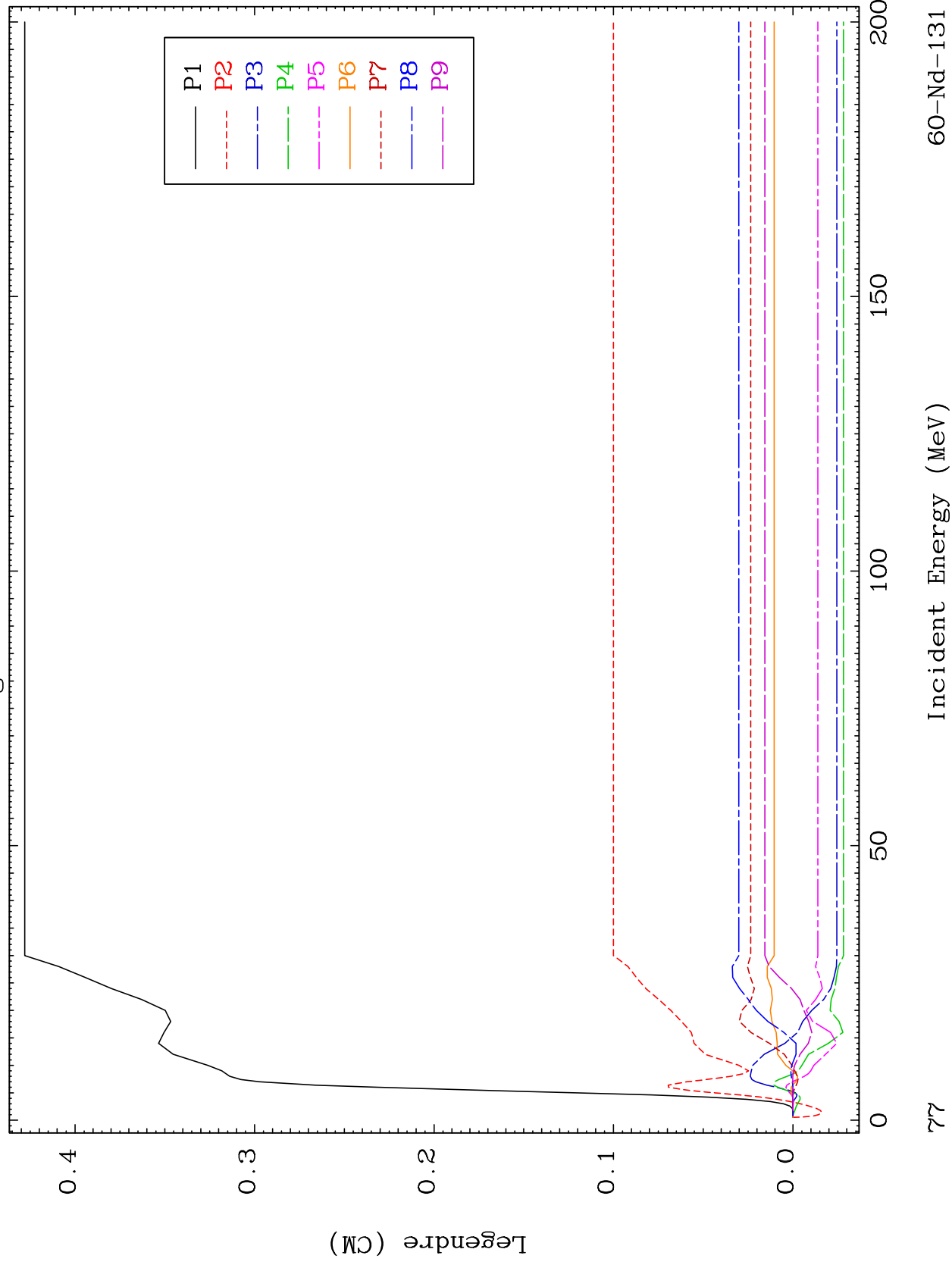


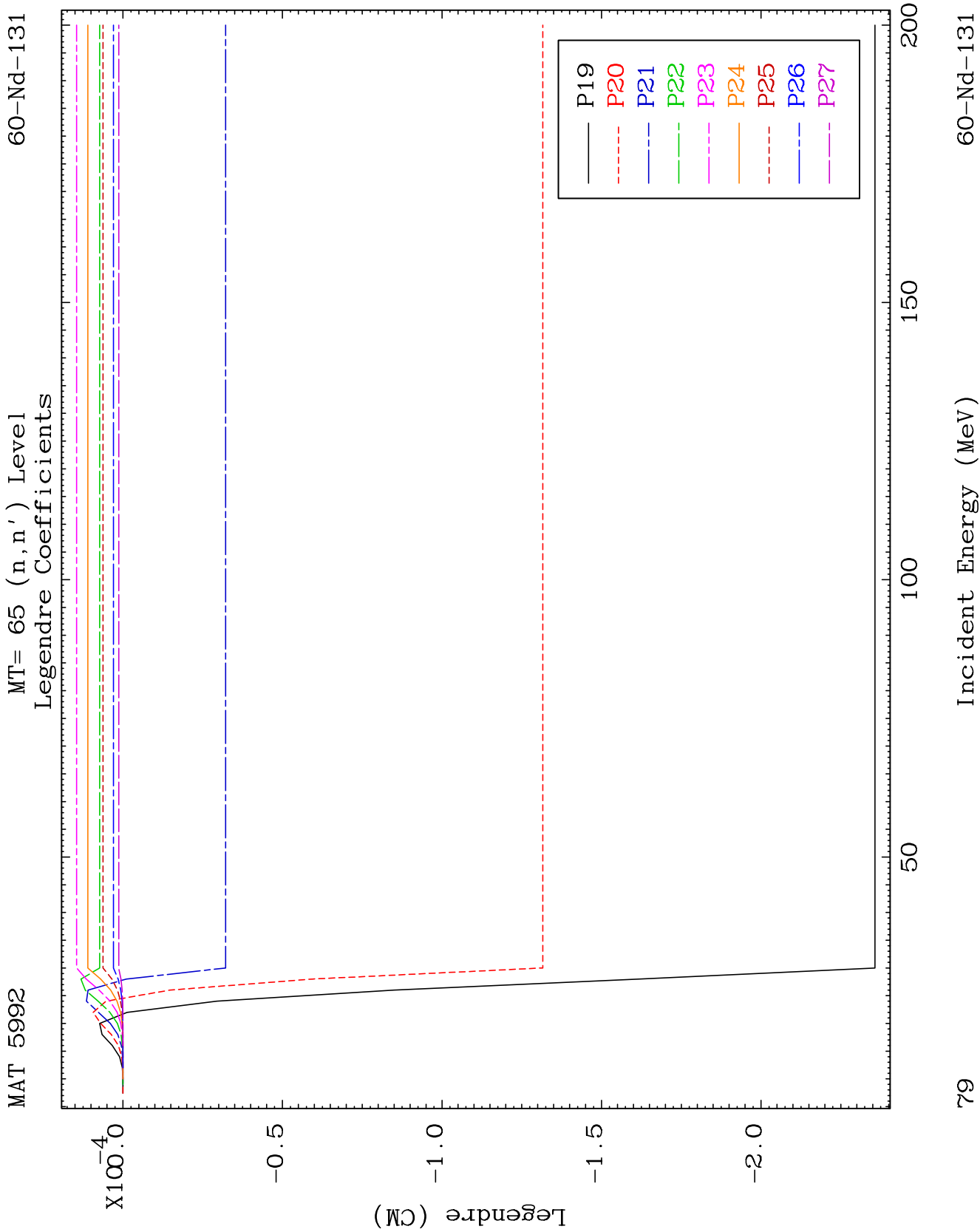


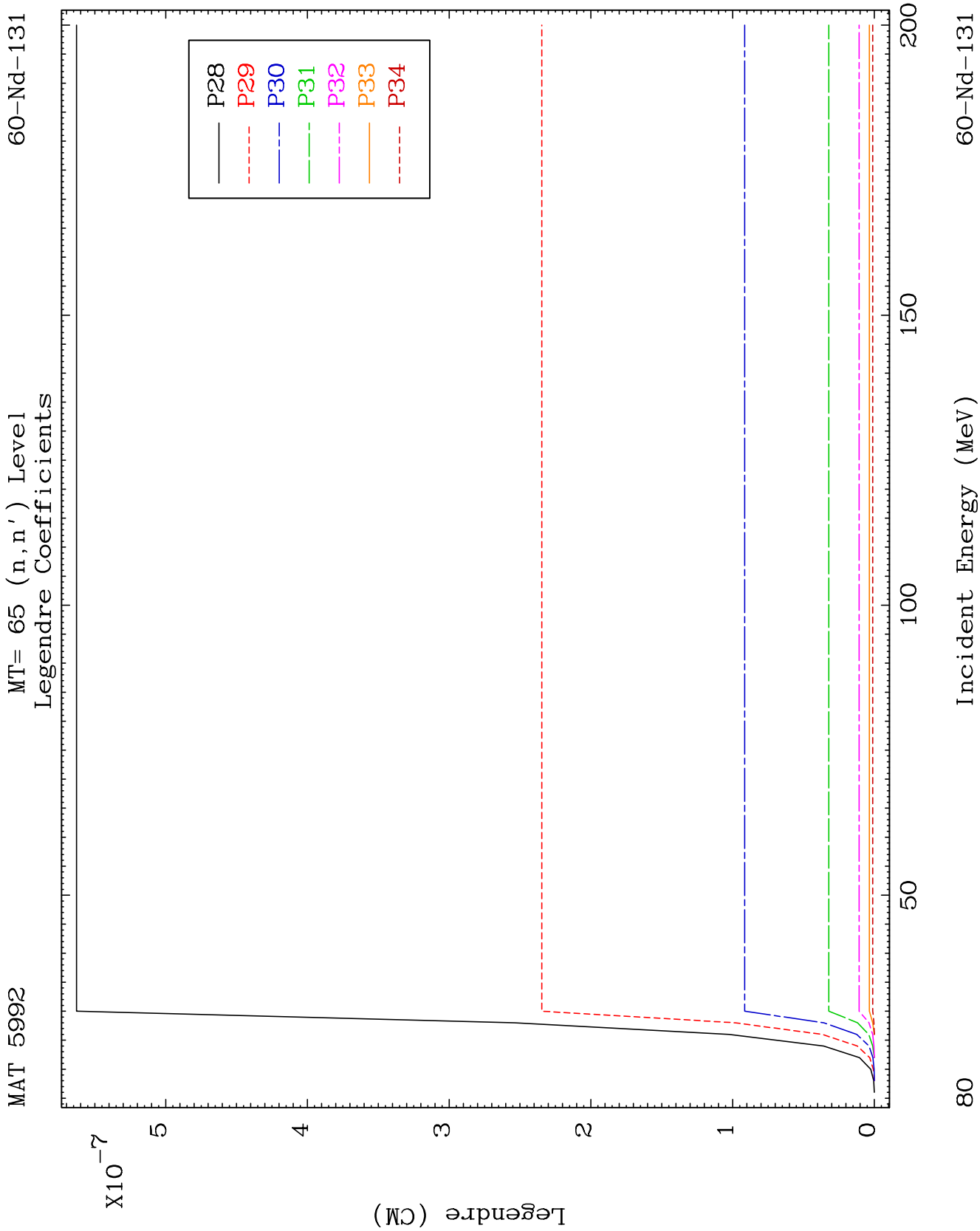
MAT 5992

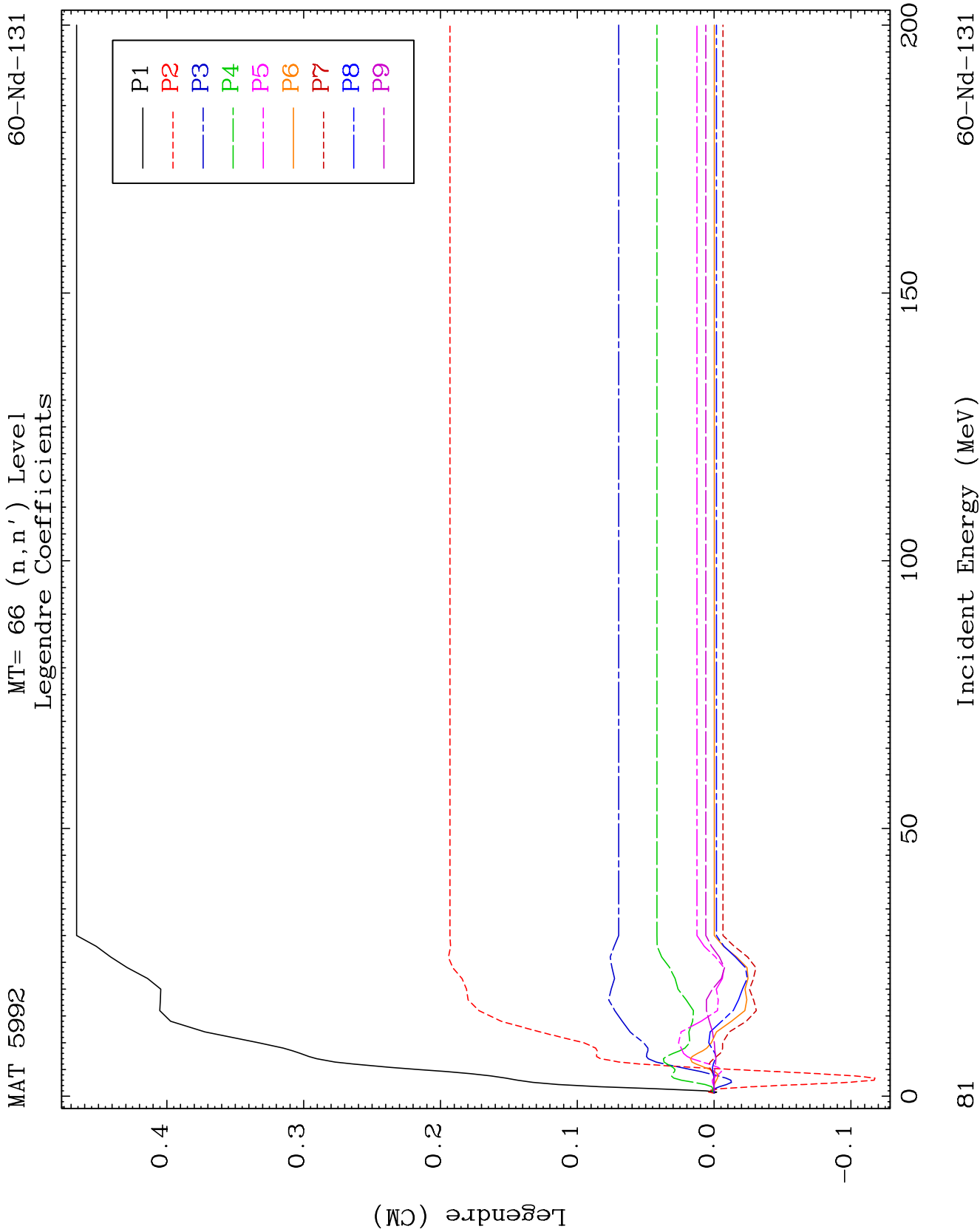
MT= 65 (n, n') Level
Legendre Coefficients

60-Nd-131





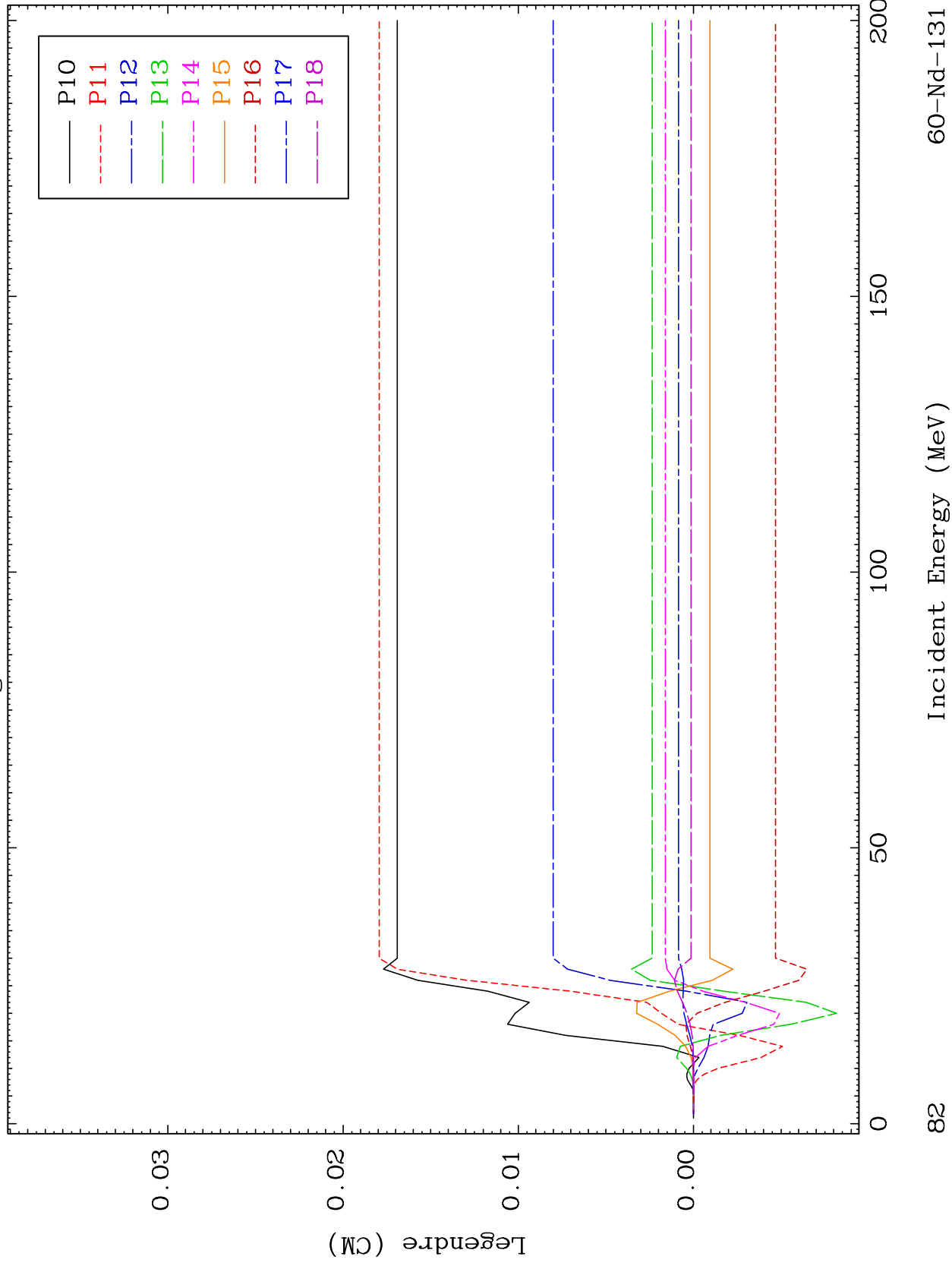




MAT 5992

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

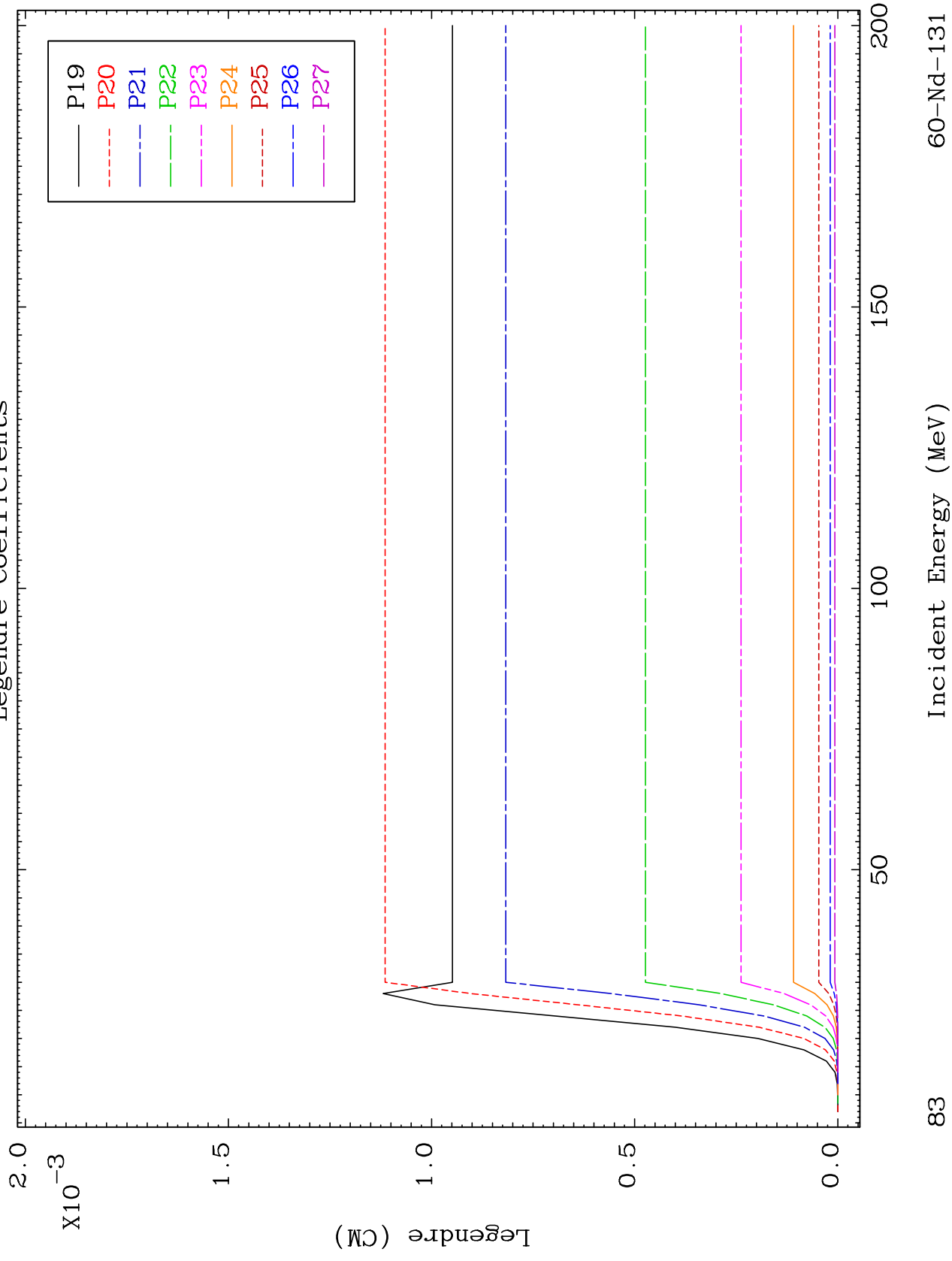
60-Nd-131



MAT 5992

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

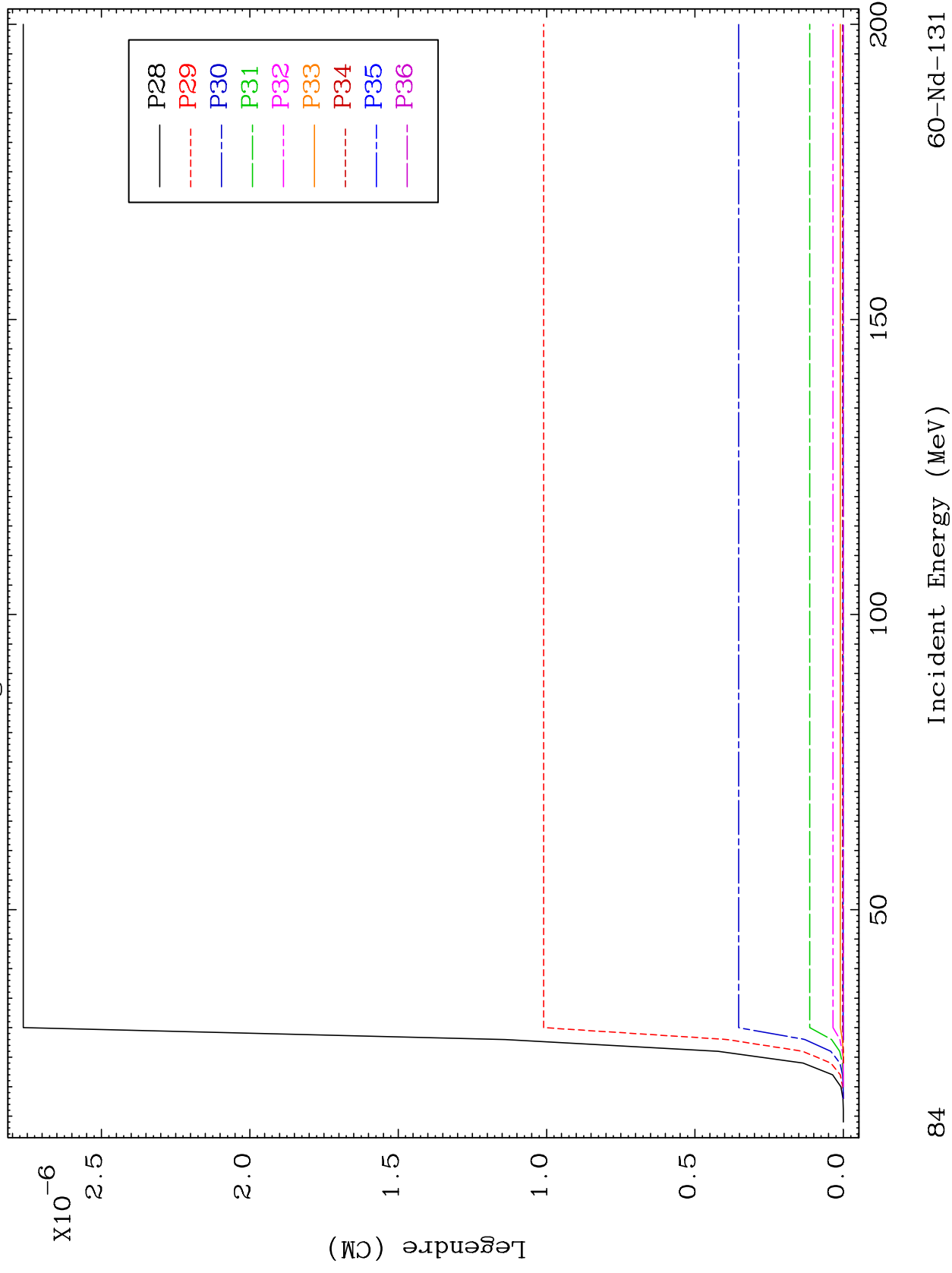
60-Nd-131



MAT 5992

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

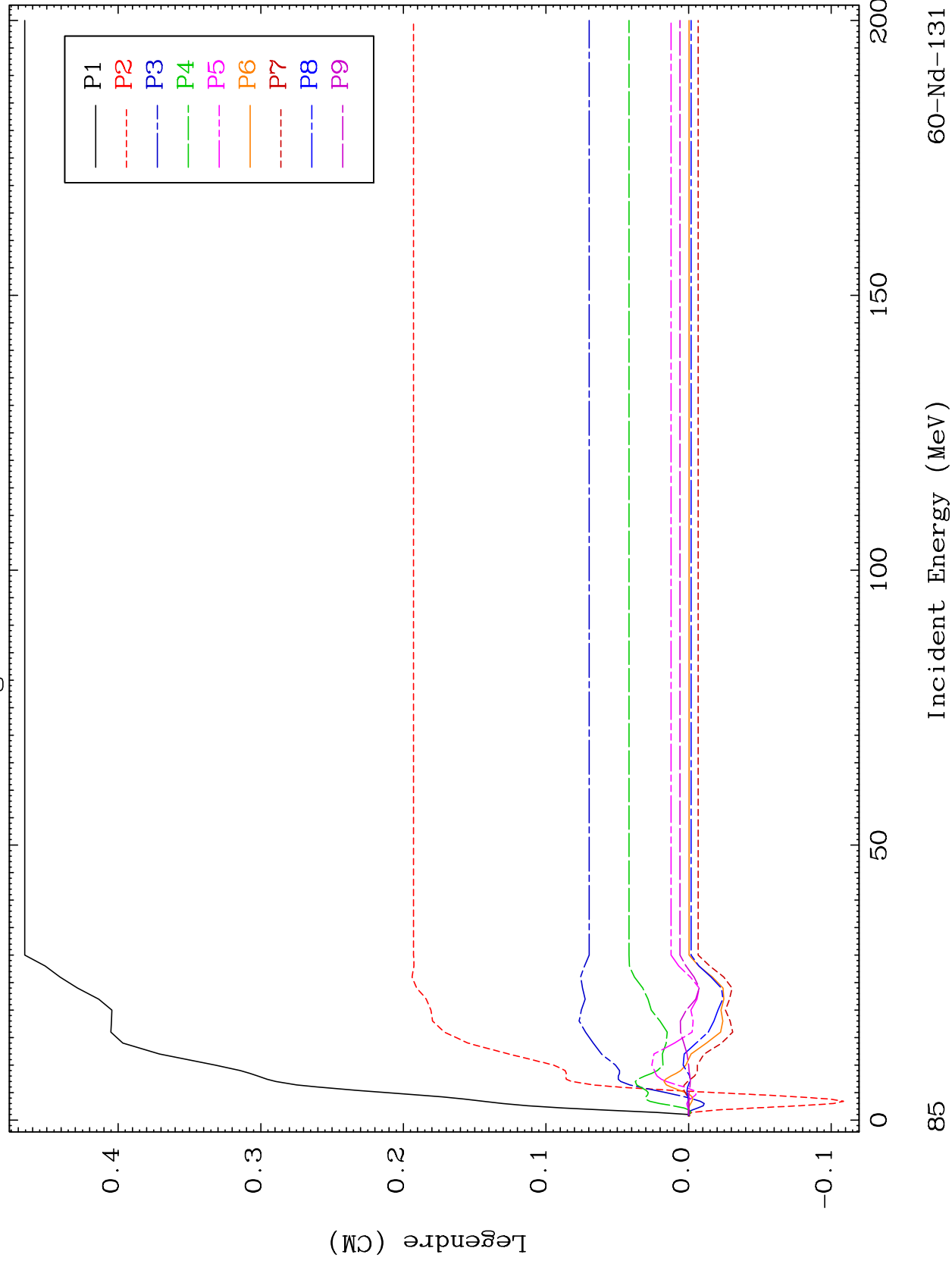
60-Nd-131



MAT 5992

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

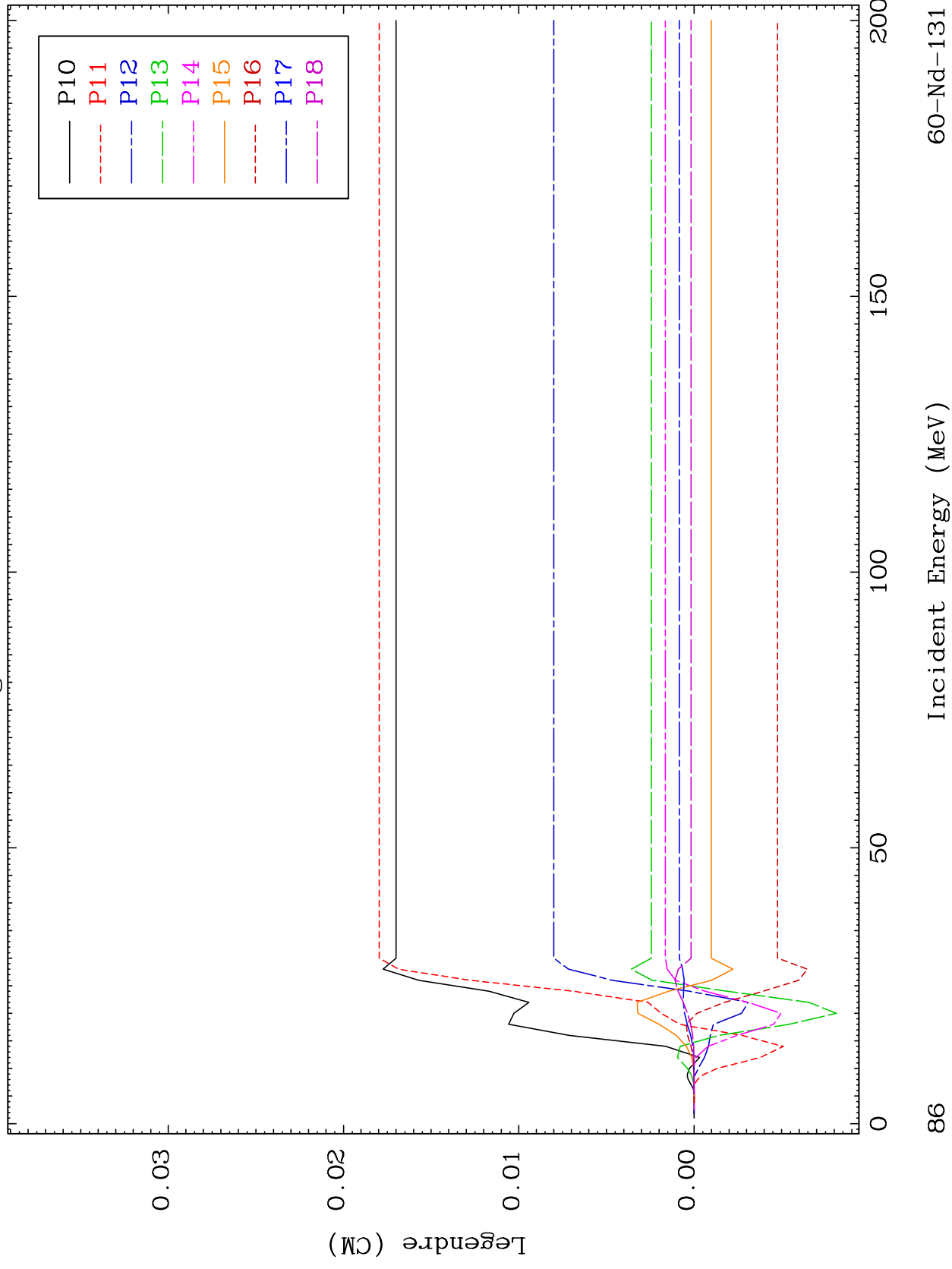
60-Nd-131

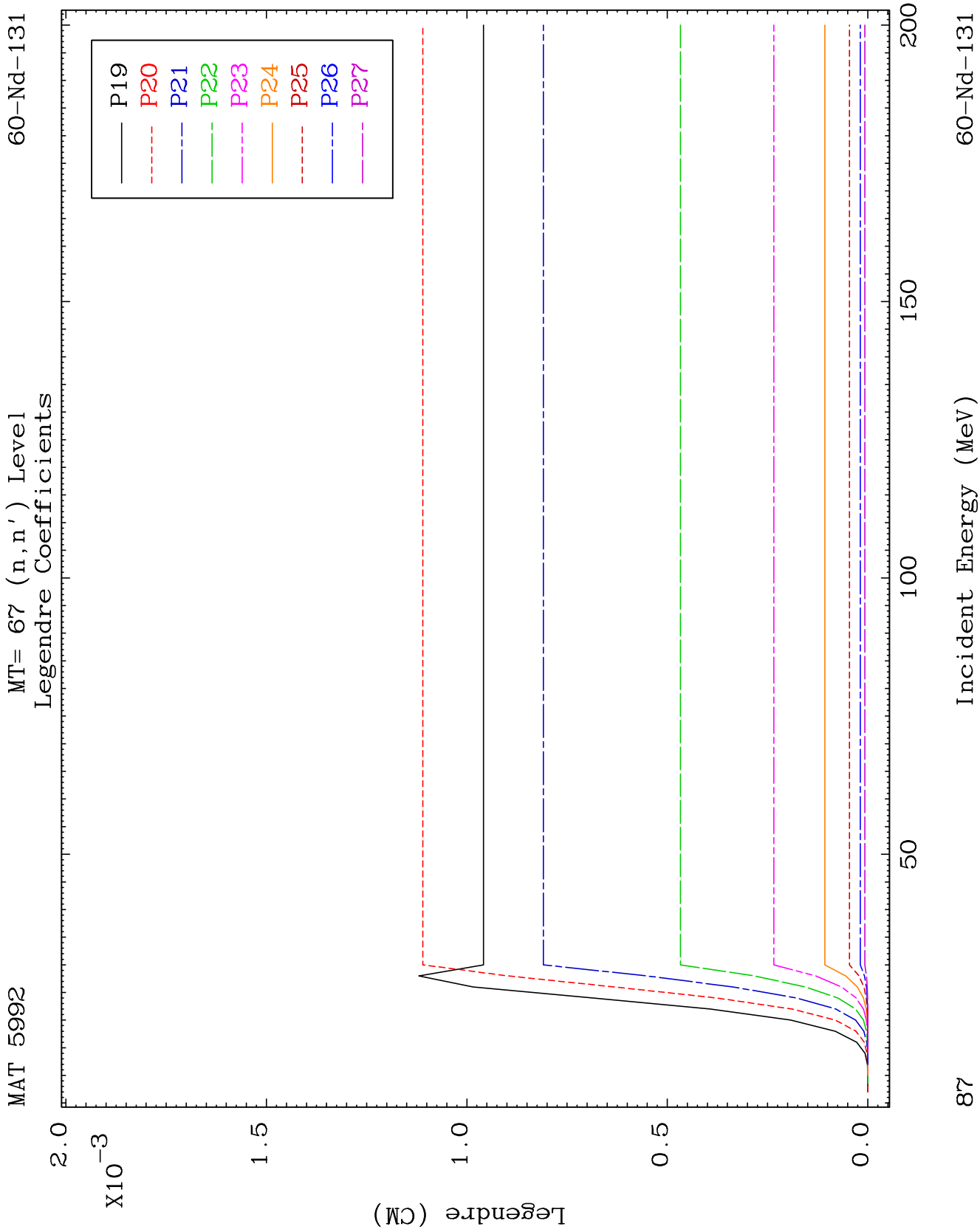


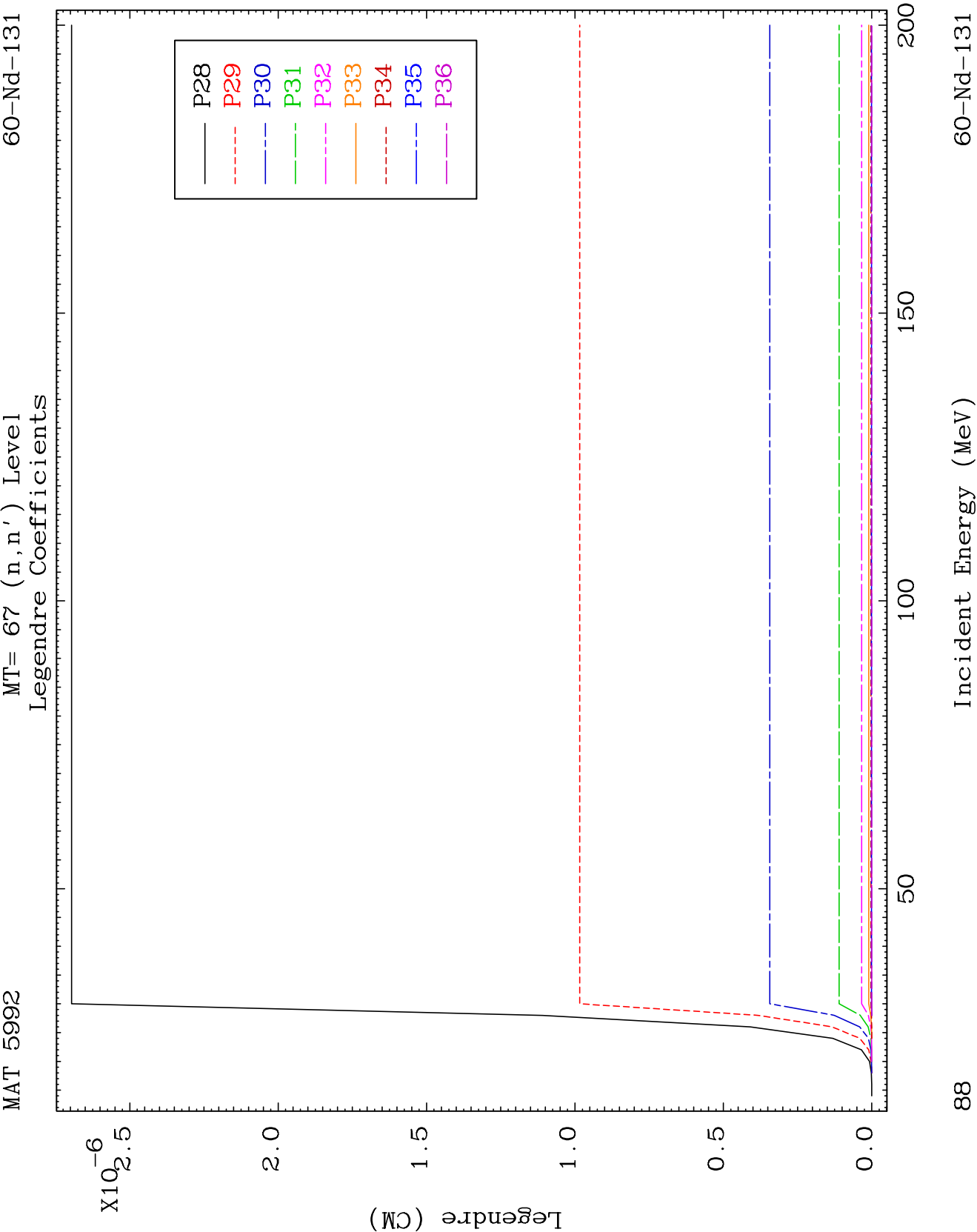
MAT 5992

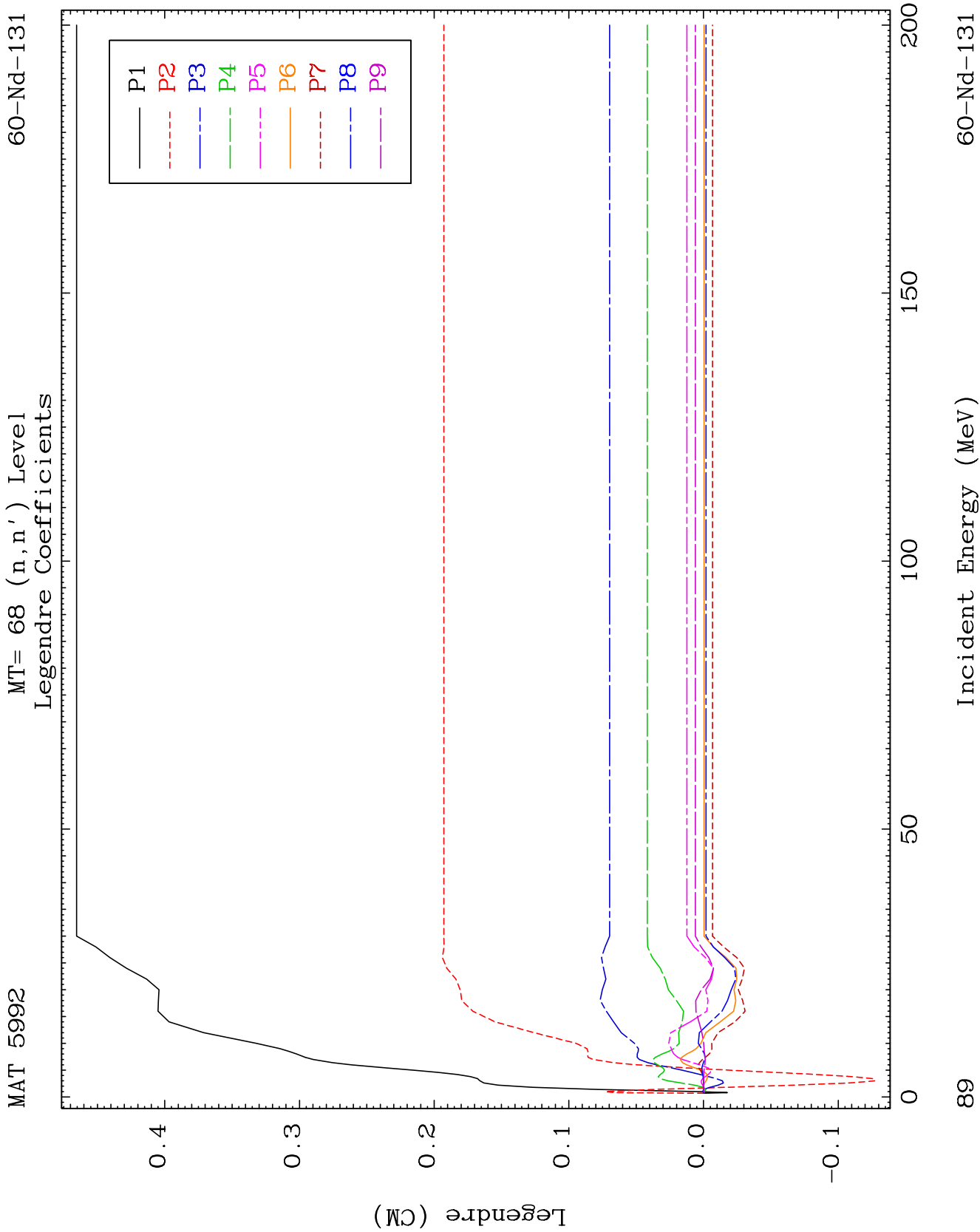
MT= 67 (n, n') Level
Legendre Coefficients

60-Nd-131





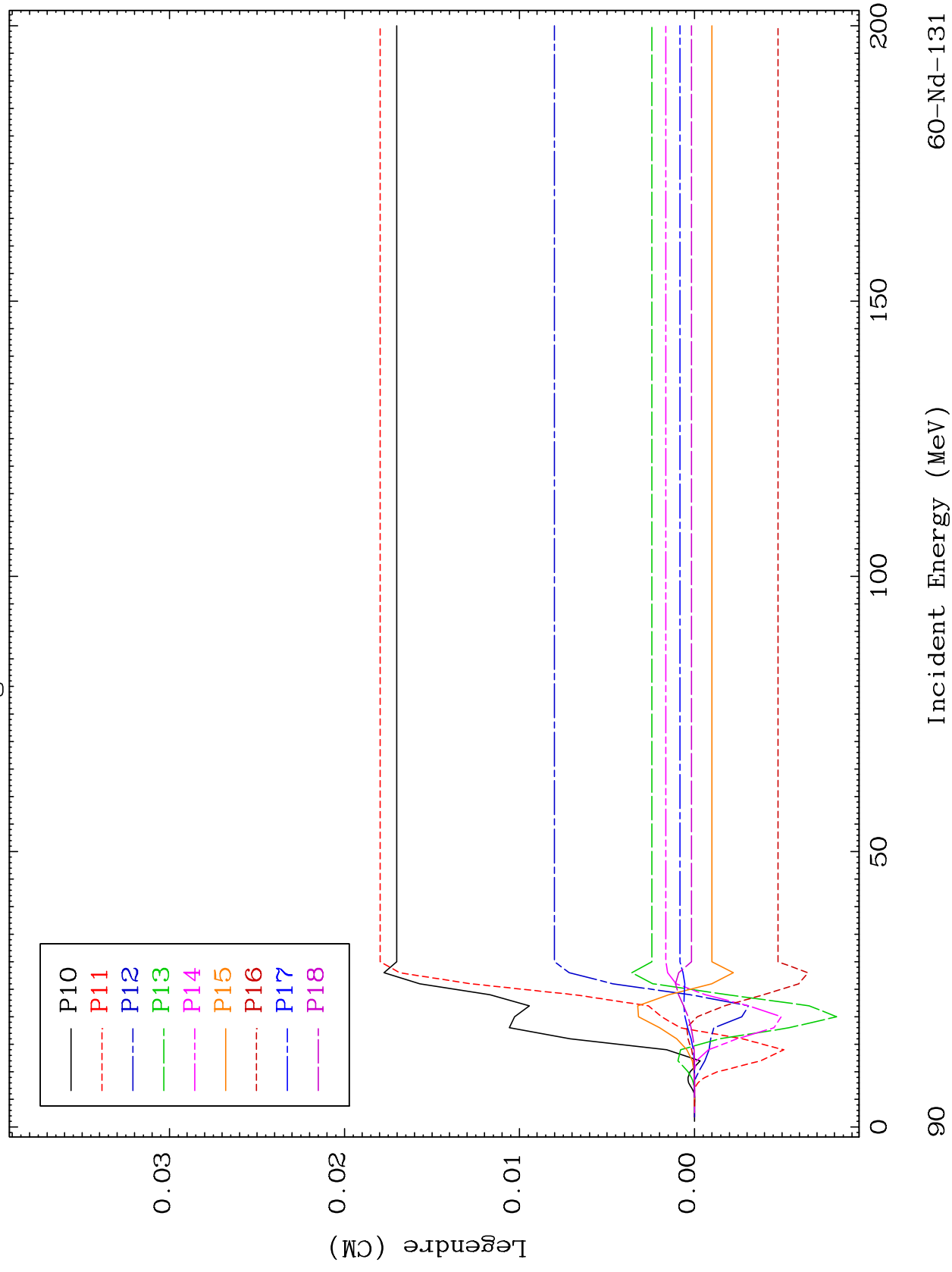




MAT 5992

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

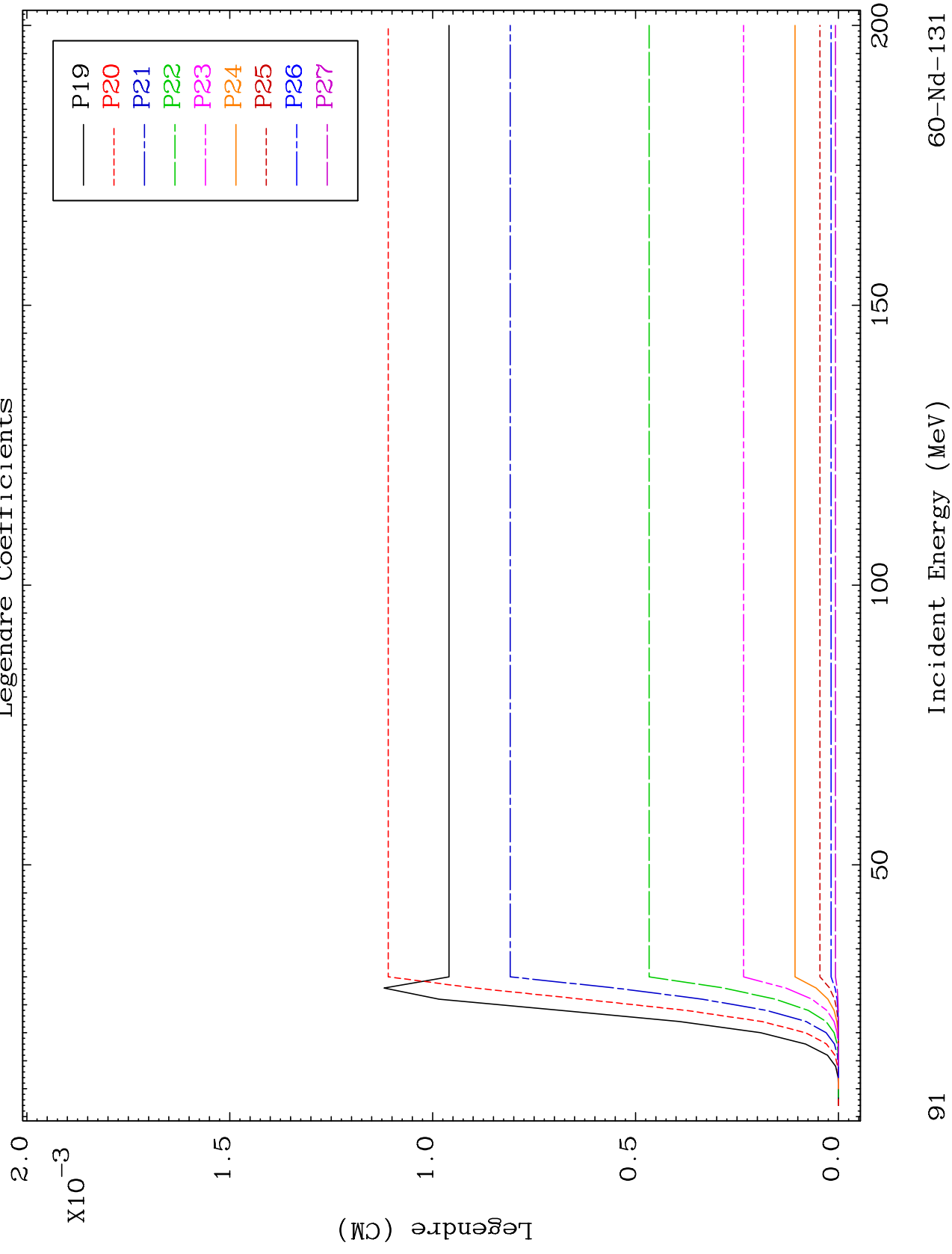
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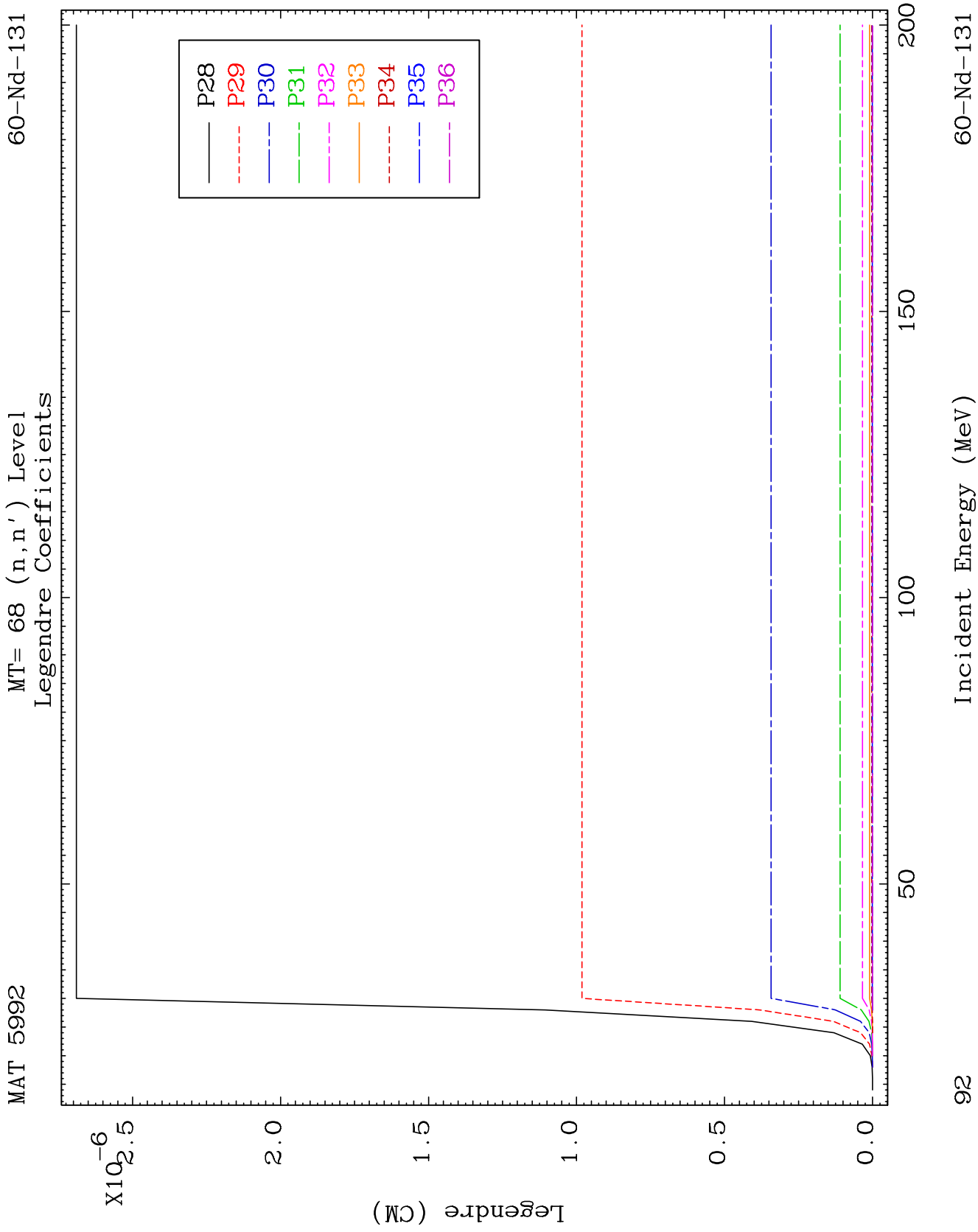


MAT 5992

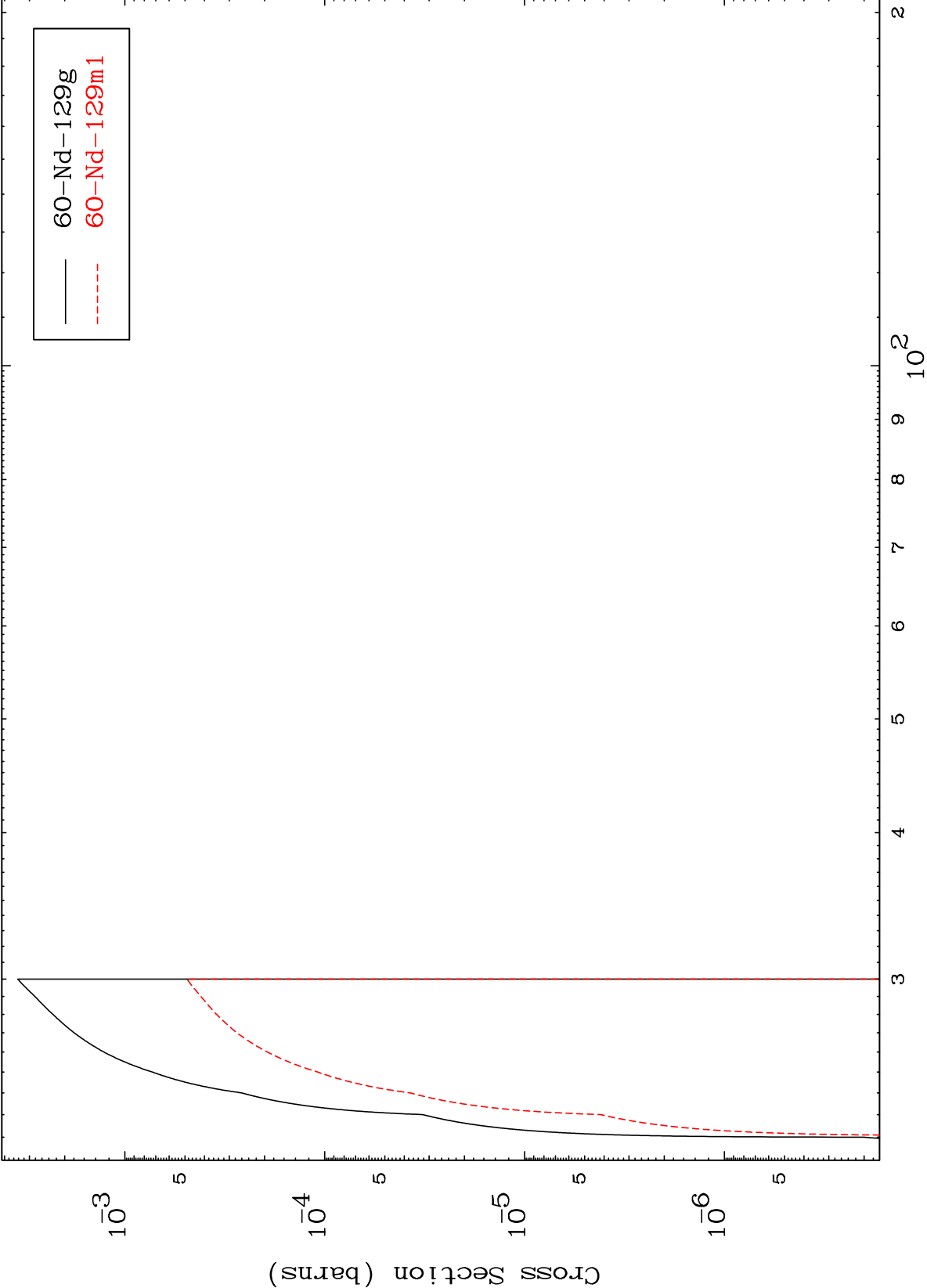
MT= 68 (n, n') Level
Legendre Coefficients

60-Nd-131

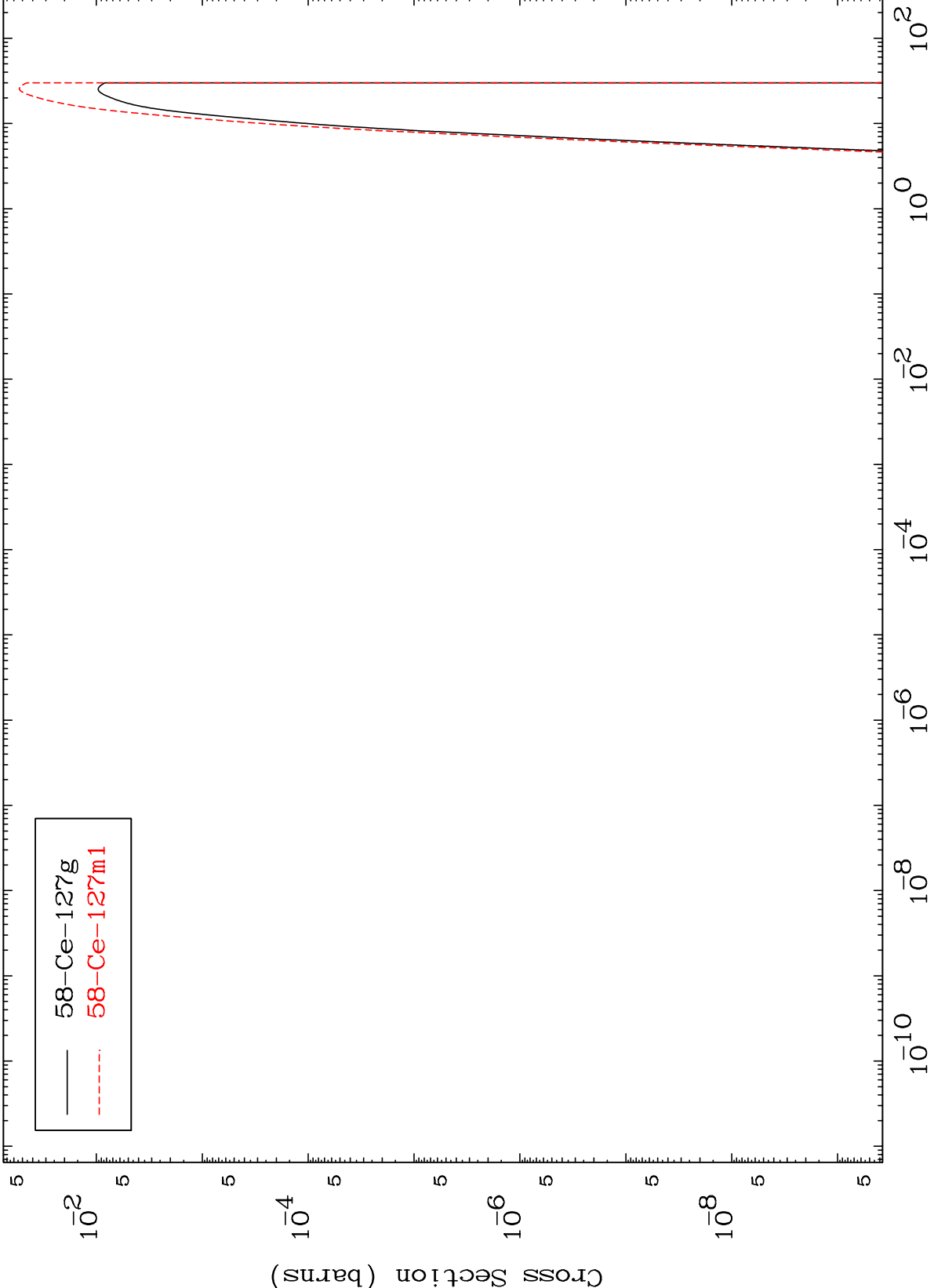




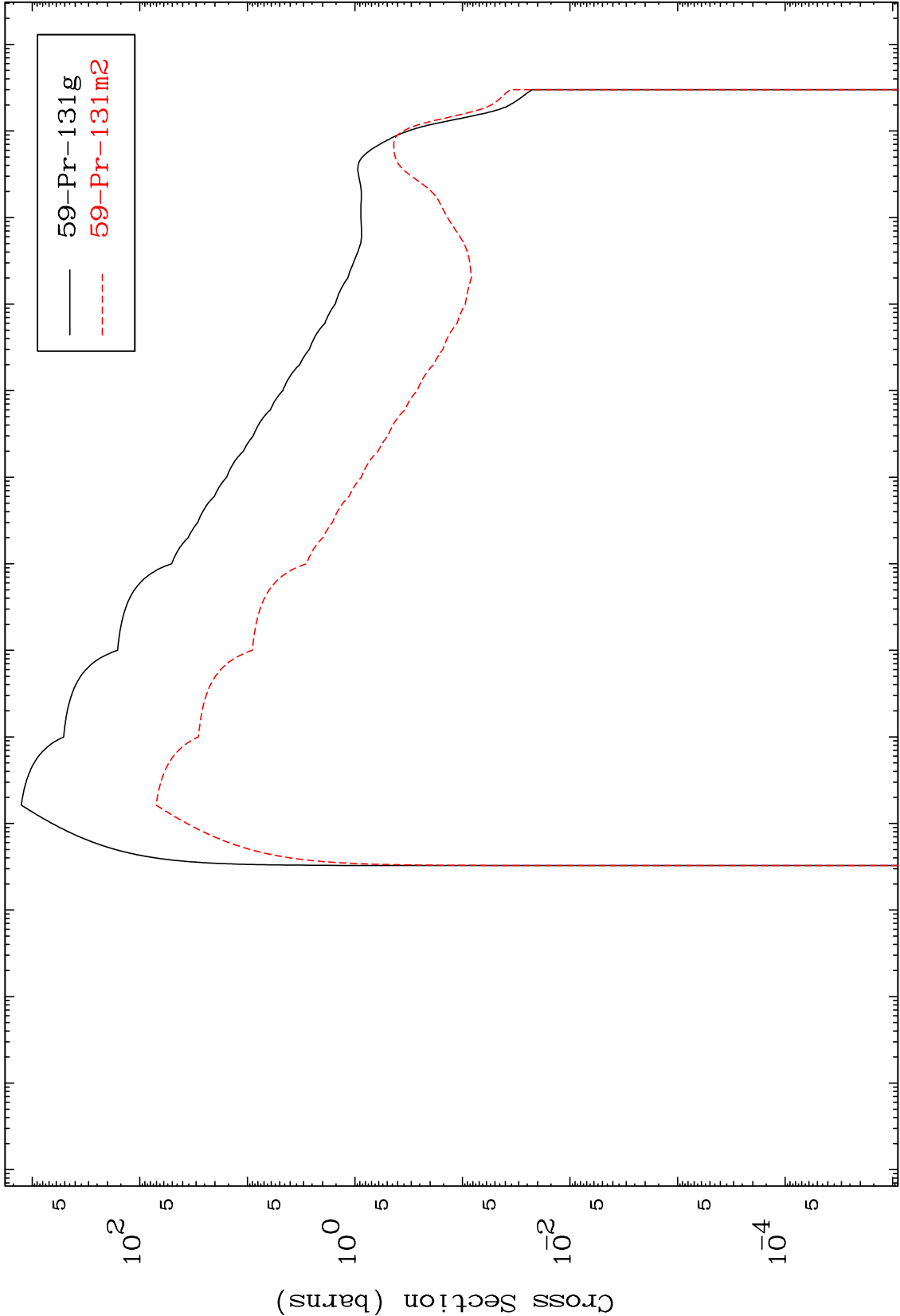
Radionuclide Production Cross Section
(n,3n)



Radionuclide Production Cross Section



(n,p)
Radionuclide Production Cross Section

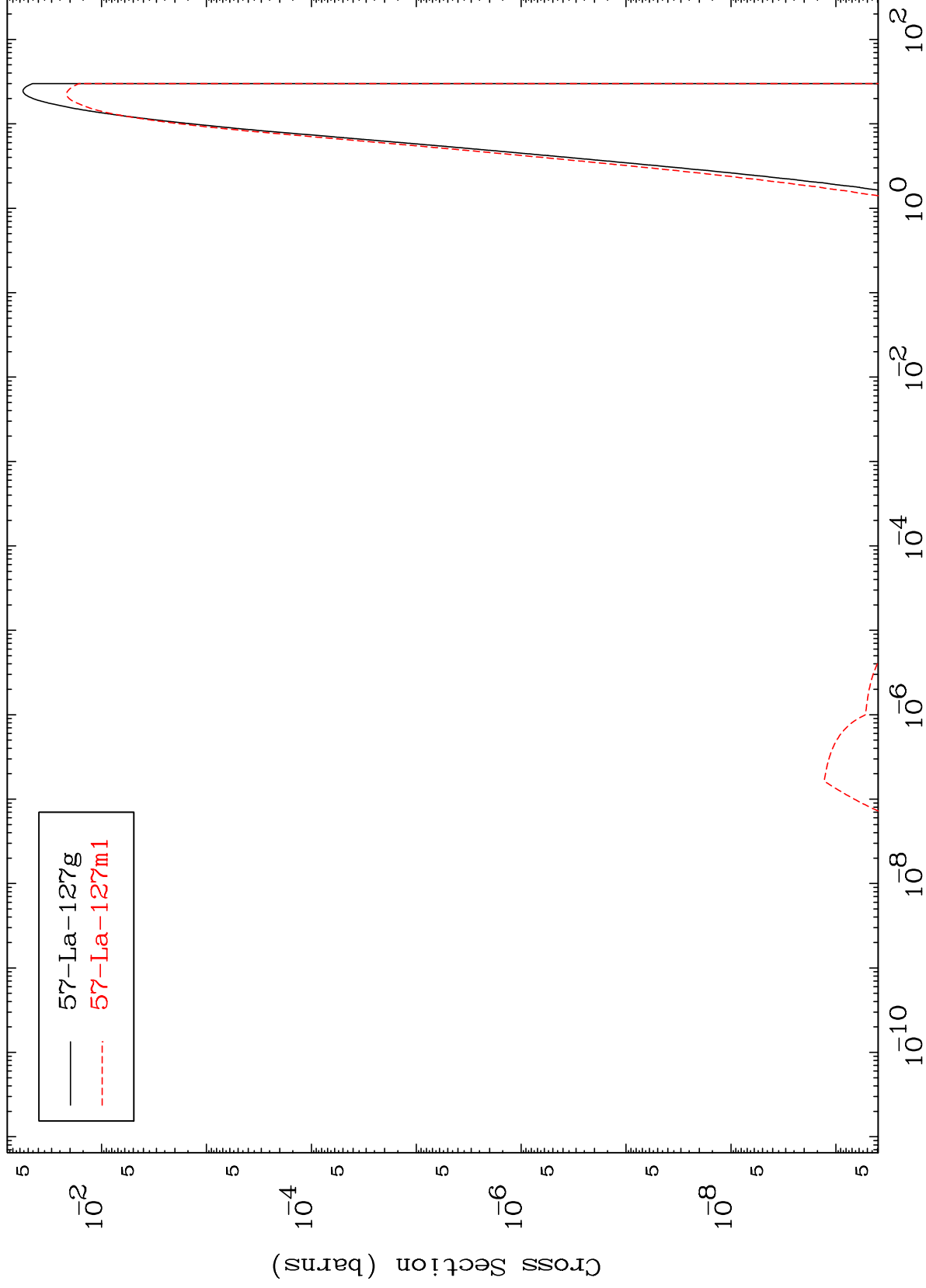


MAT 5992

(n,p) α

60-Nd-131

Radionuclide Production Cross Section



96

Incident Energy (MeV)

60-Nd-131