

Program EVALPLOT
(Version 2021-1)

by

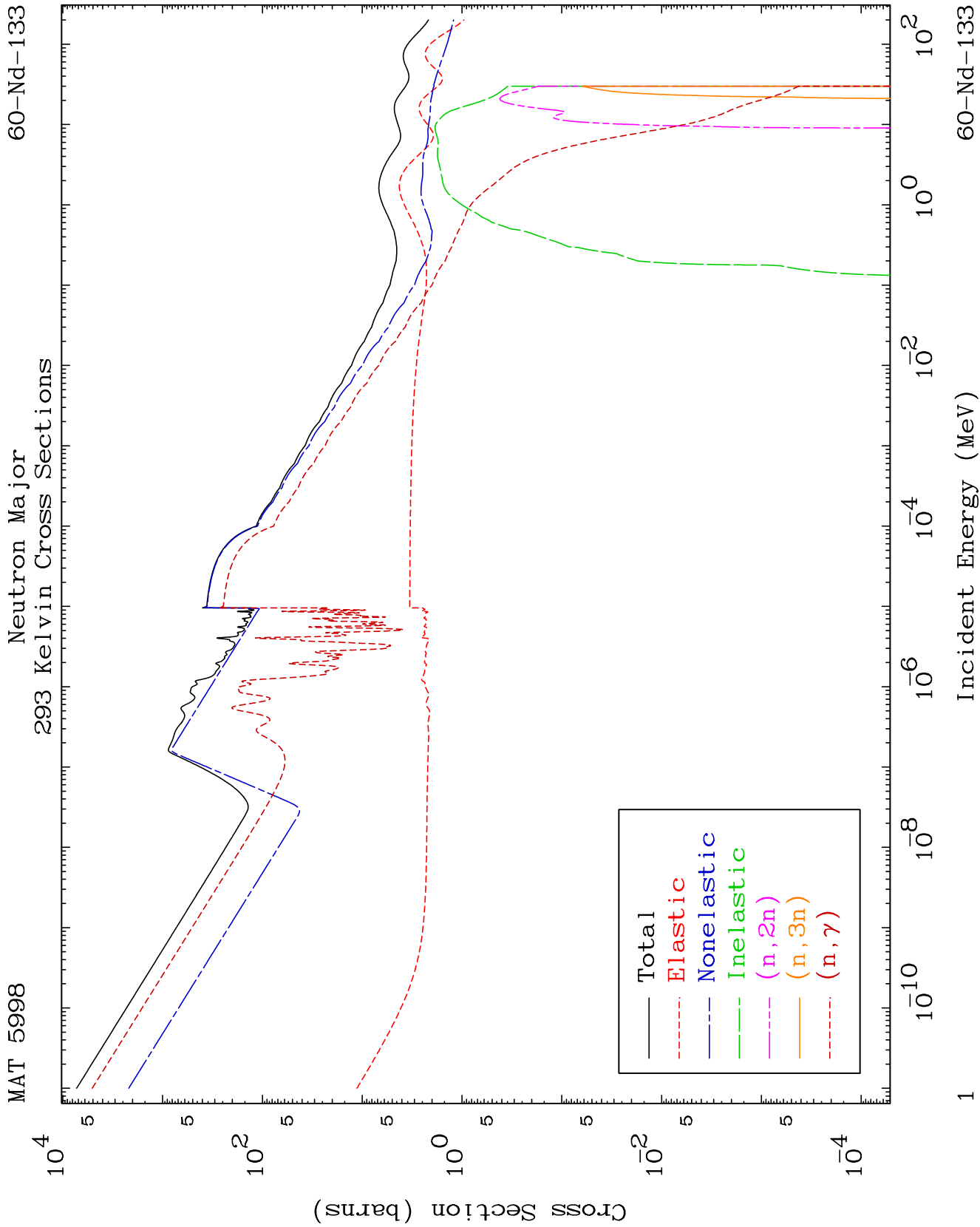
Dermott E. Cullen
(Present Contact Information)

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Tele: 925-443-1911

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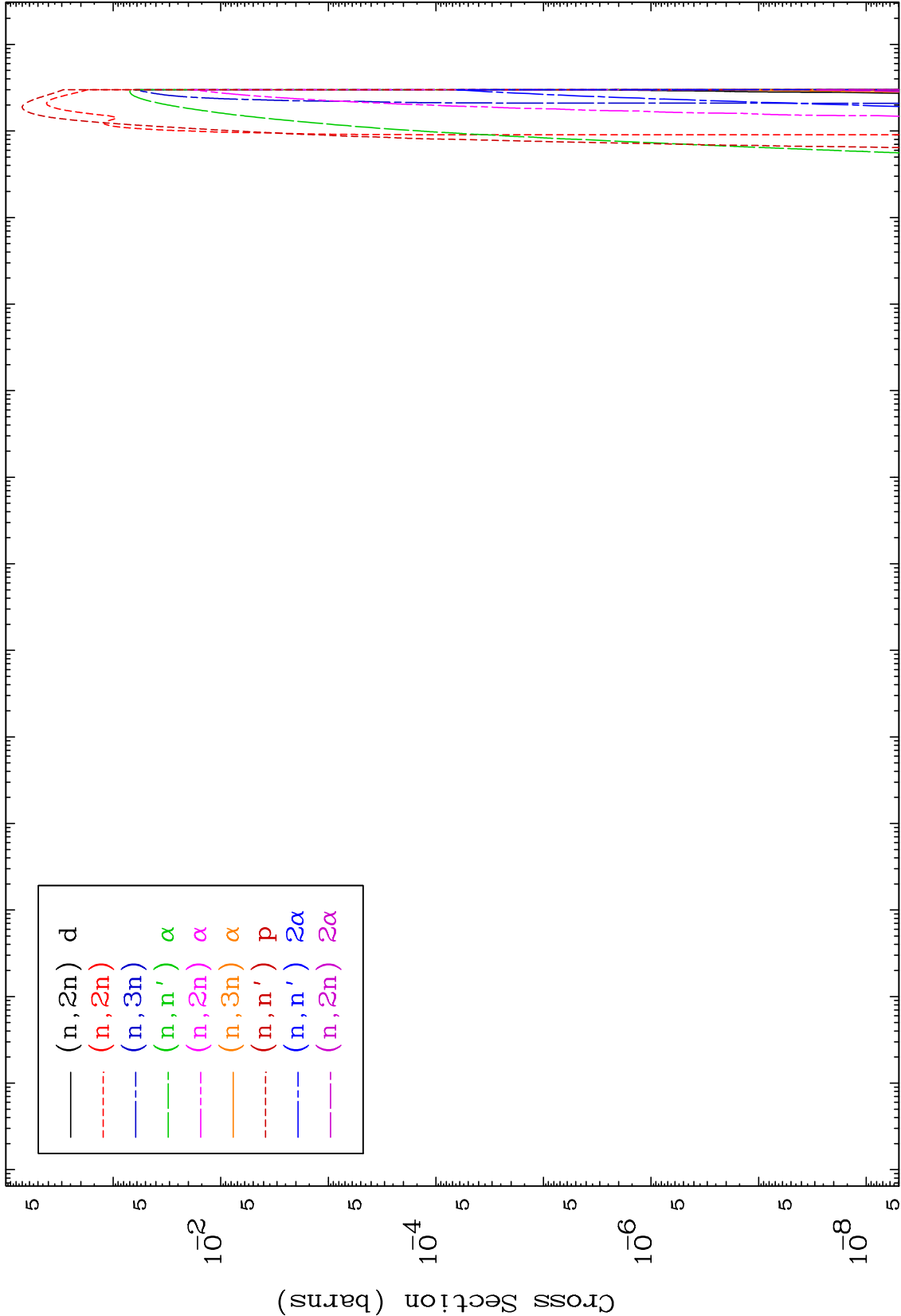
Press Mouse Button to Start

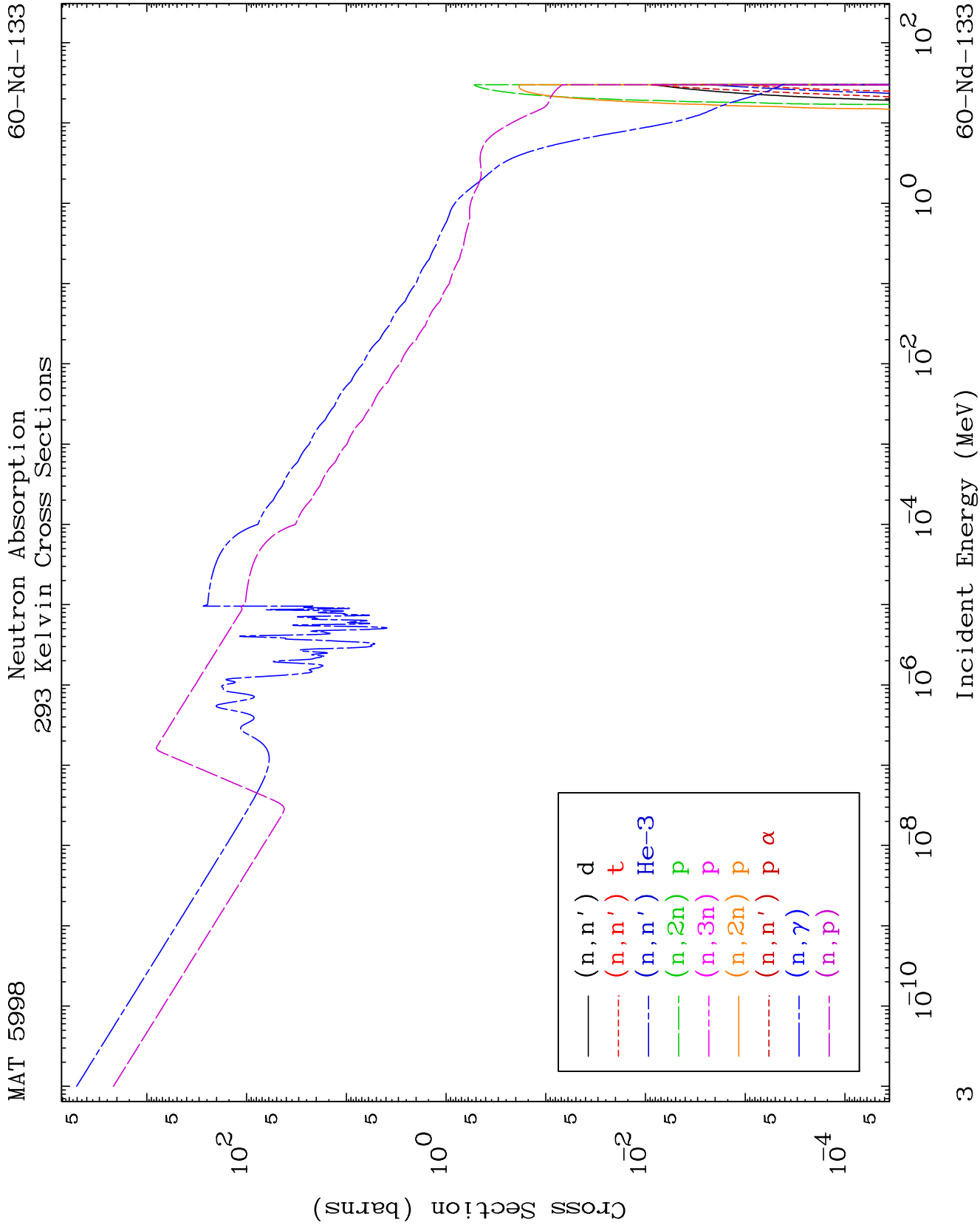


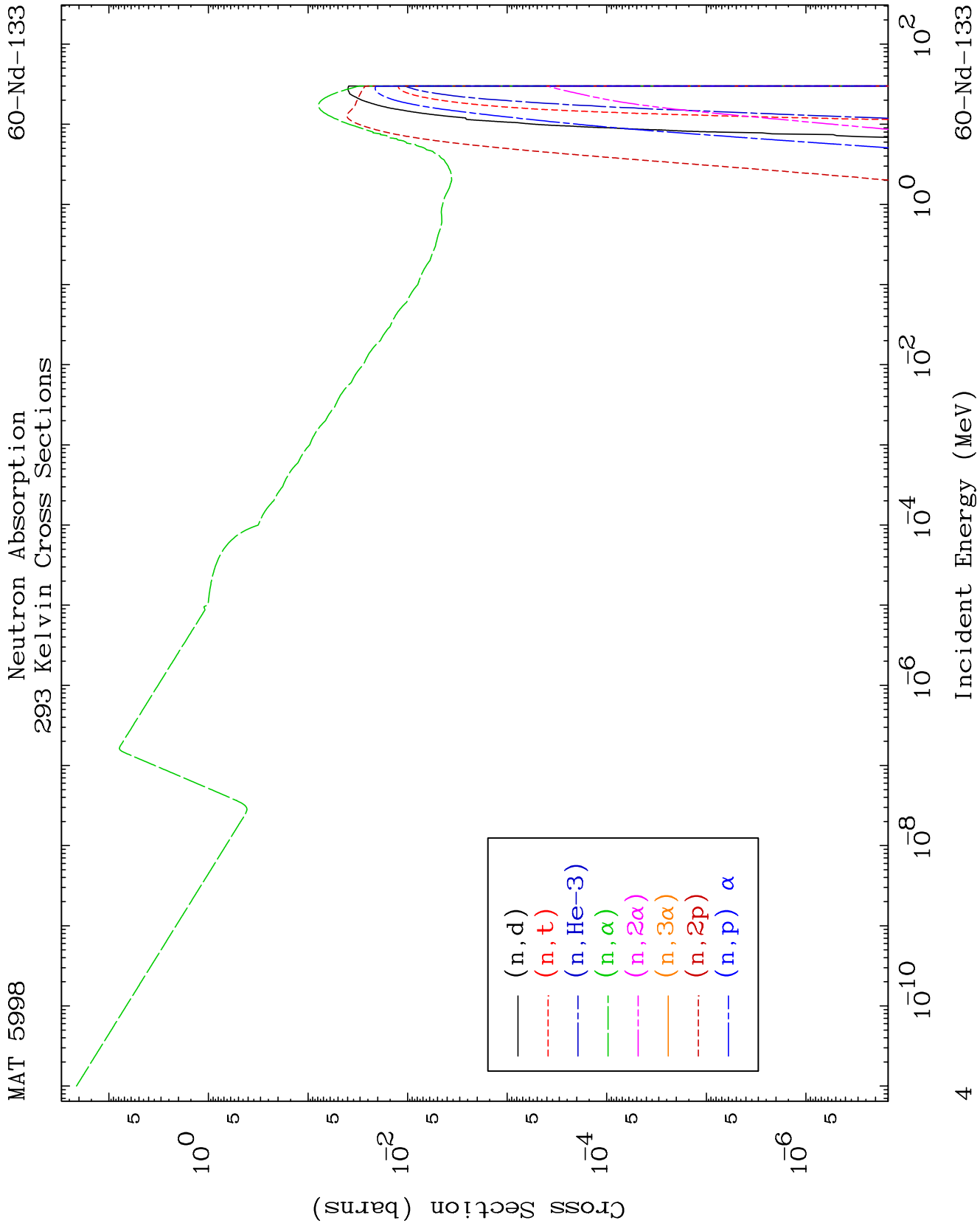
MAT 5998

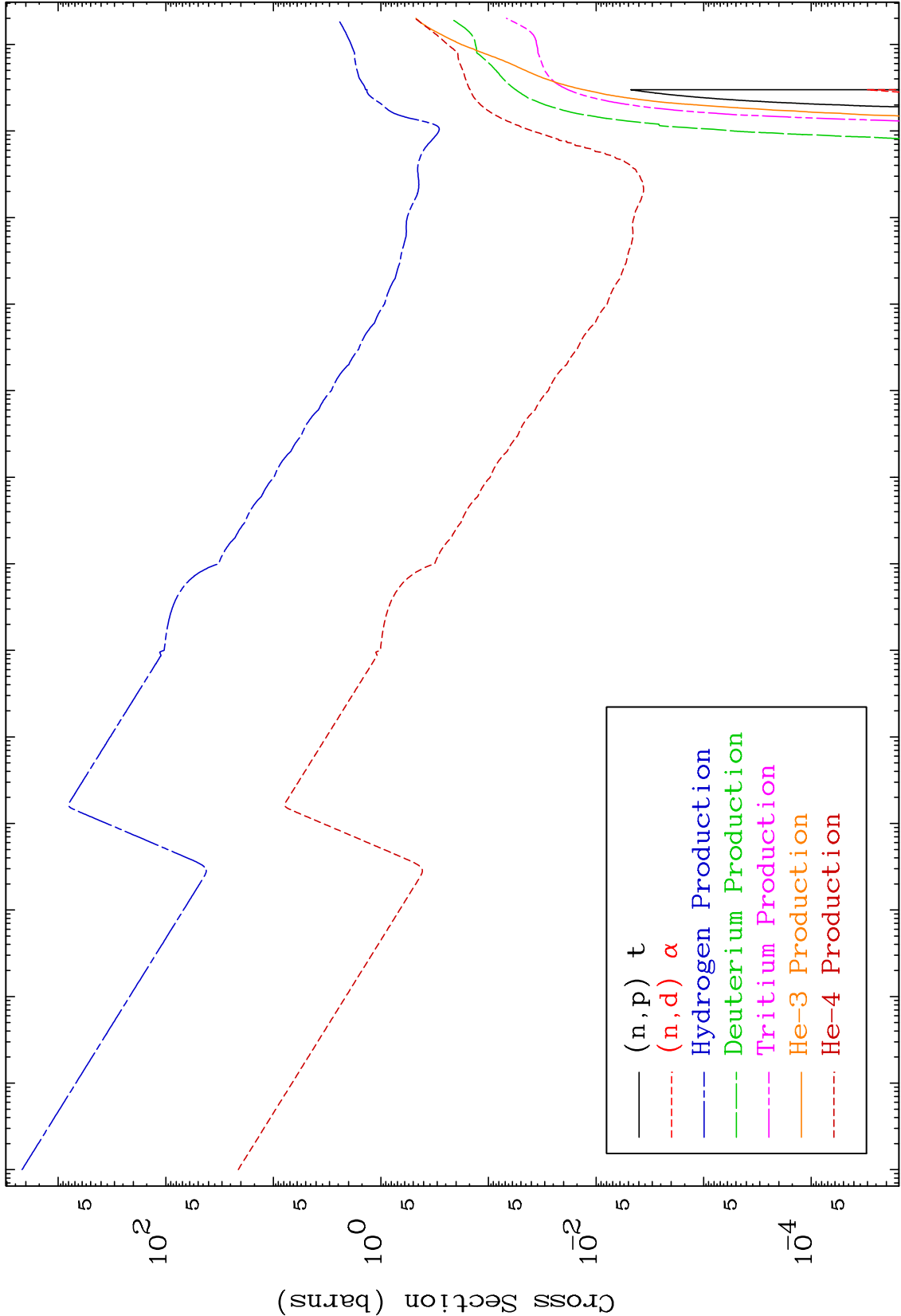
Neutron Absorption
293 Kelvin Cross Sections

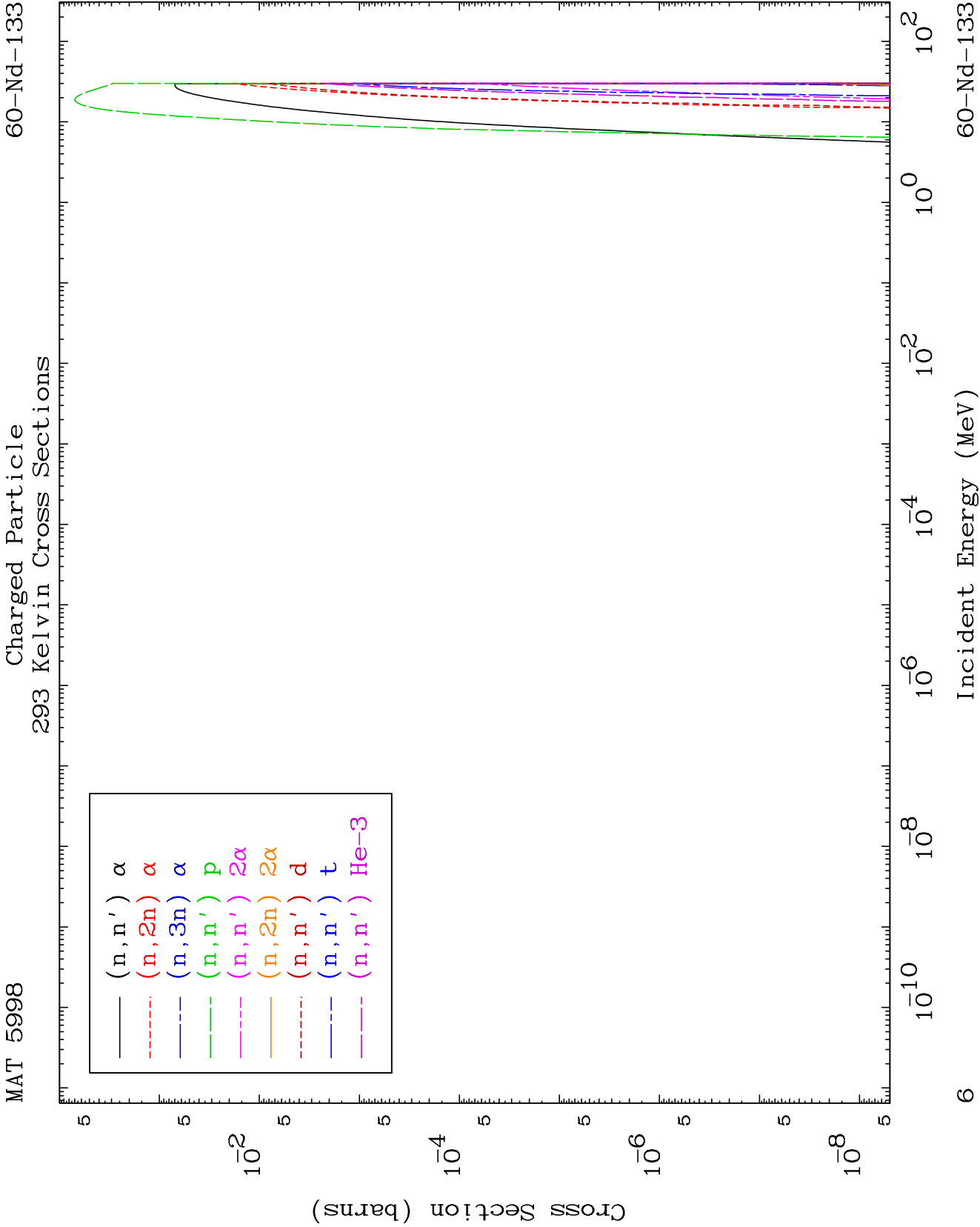
60-Nd-133

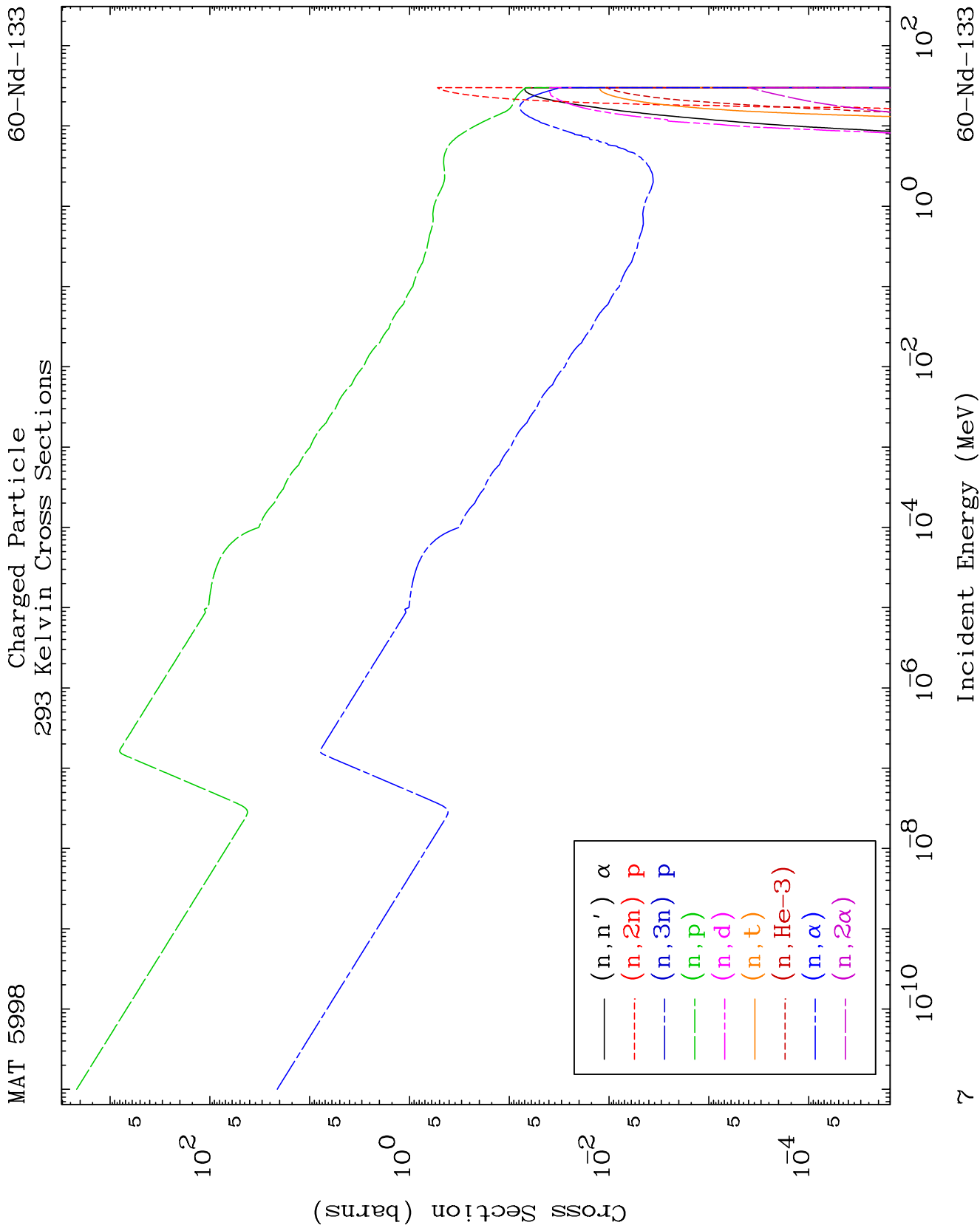


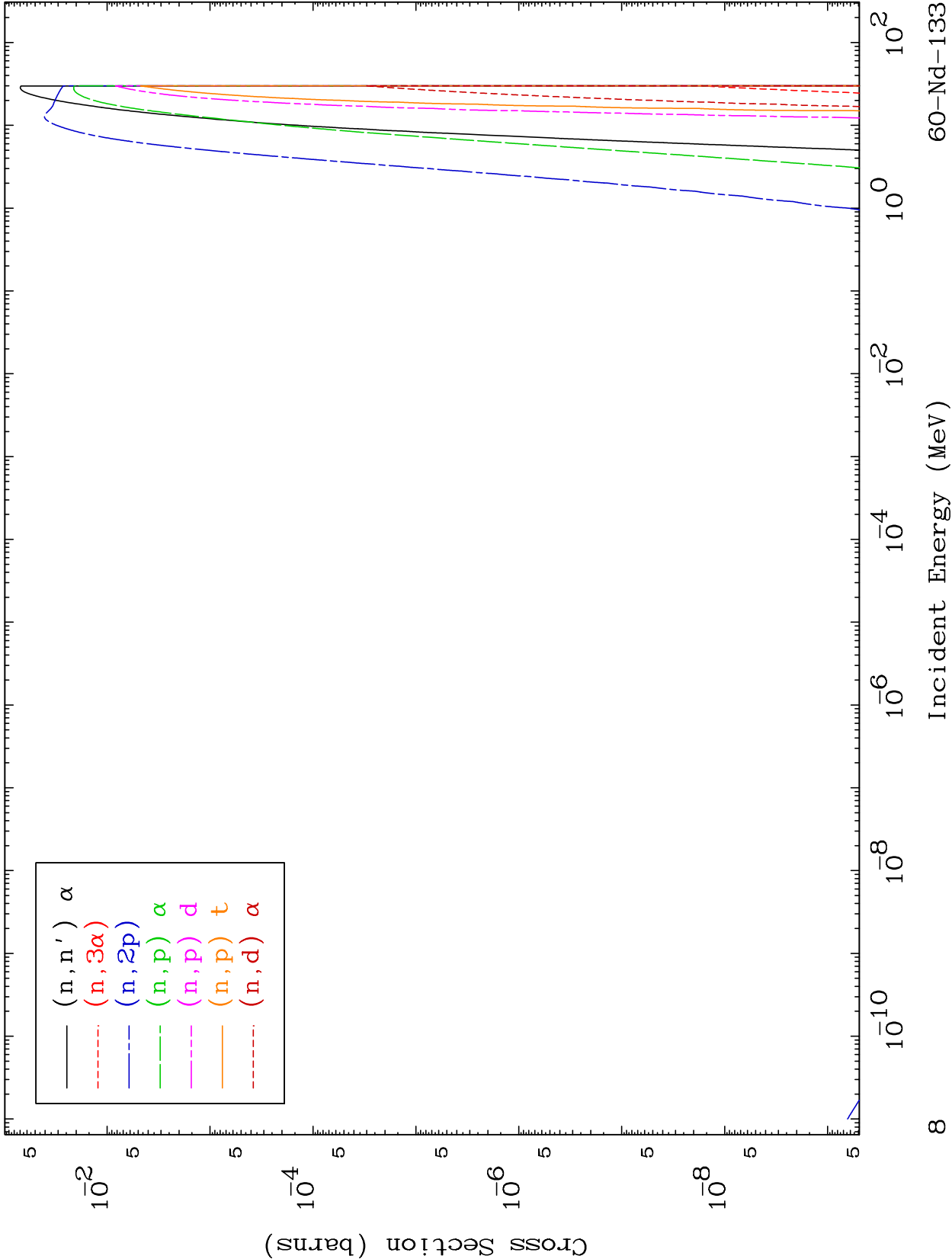


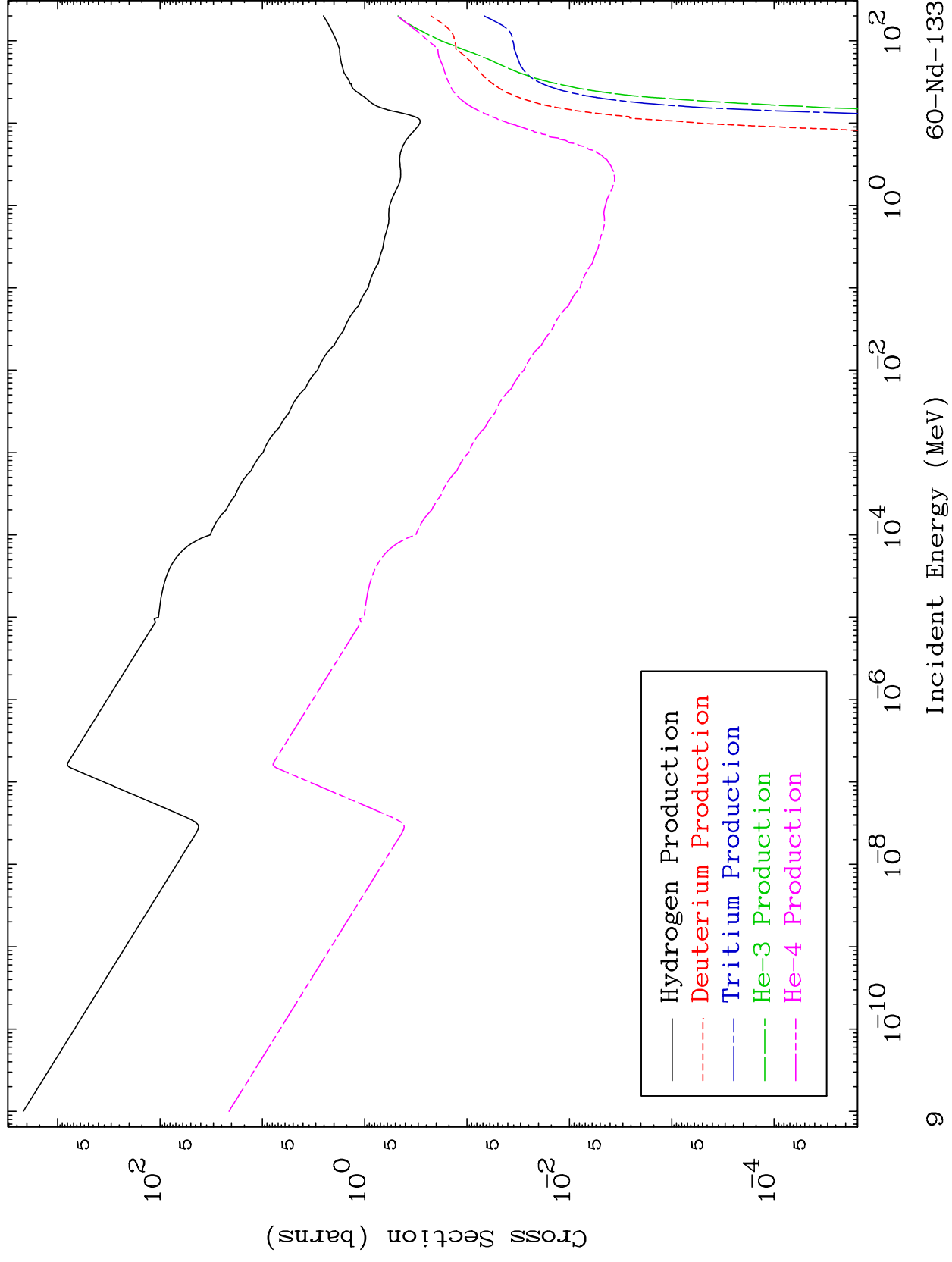








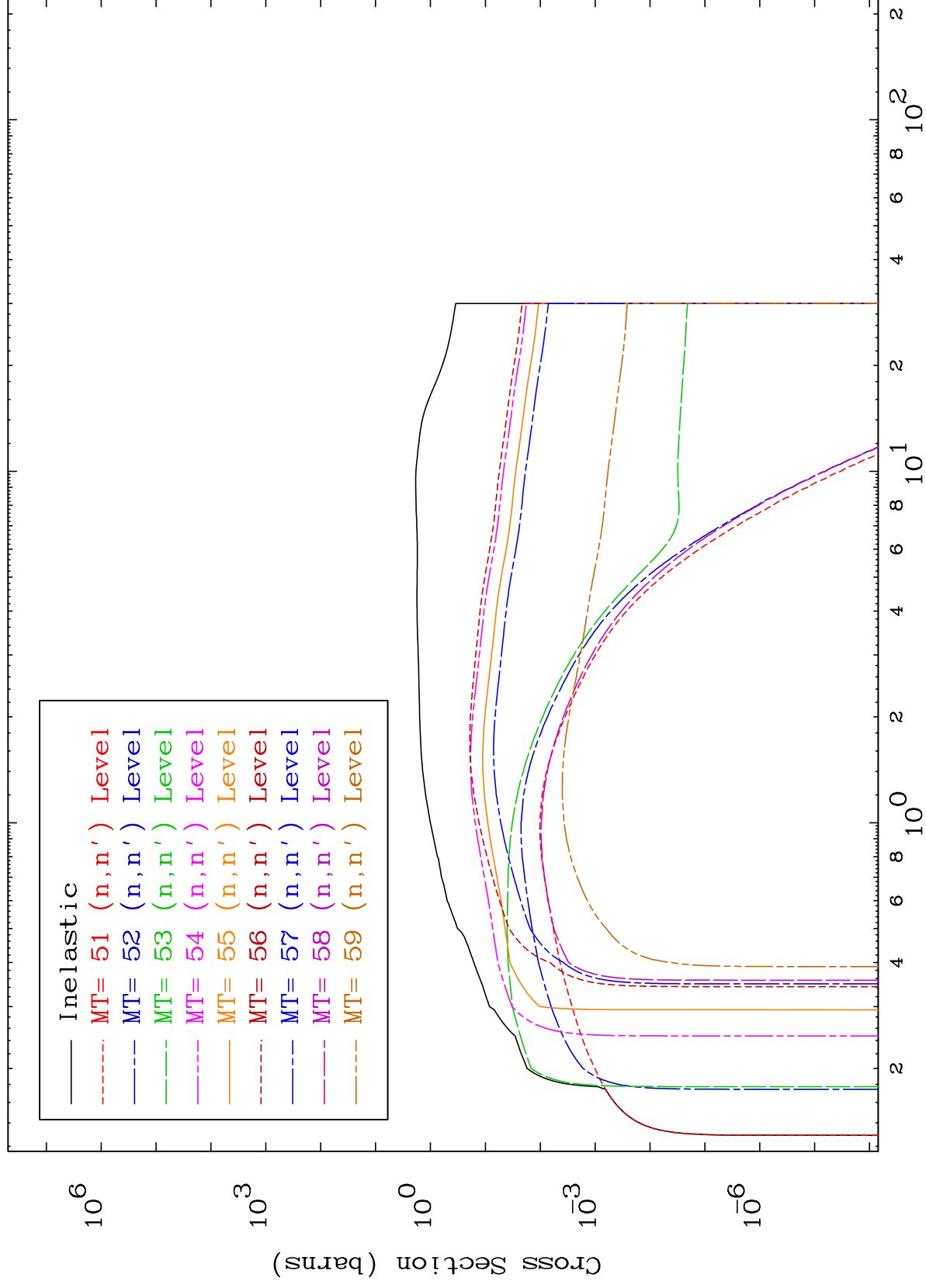




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(n,n') Levels
293 Kelvin Cross Sections

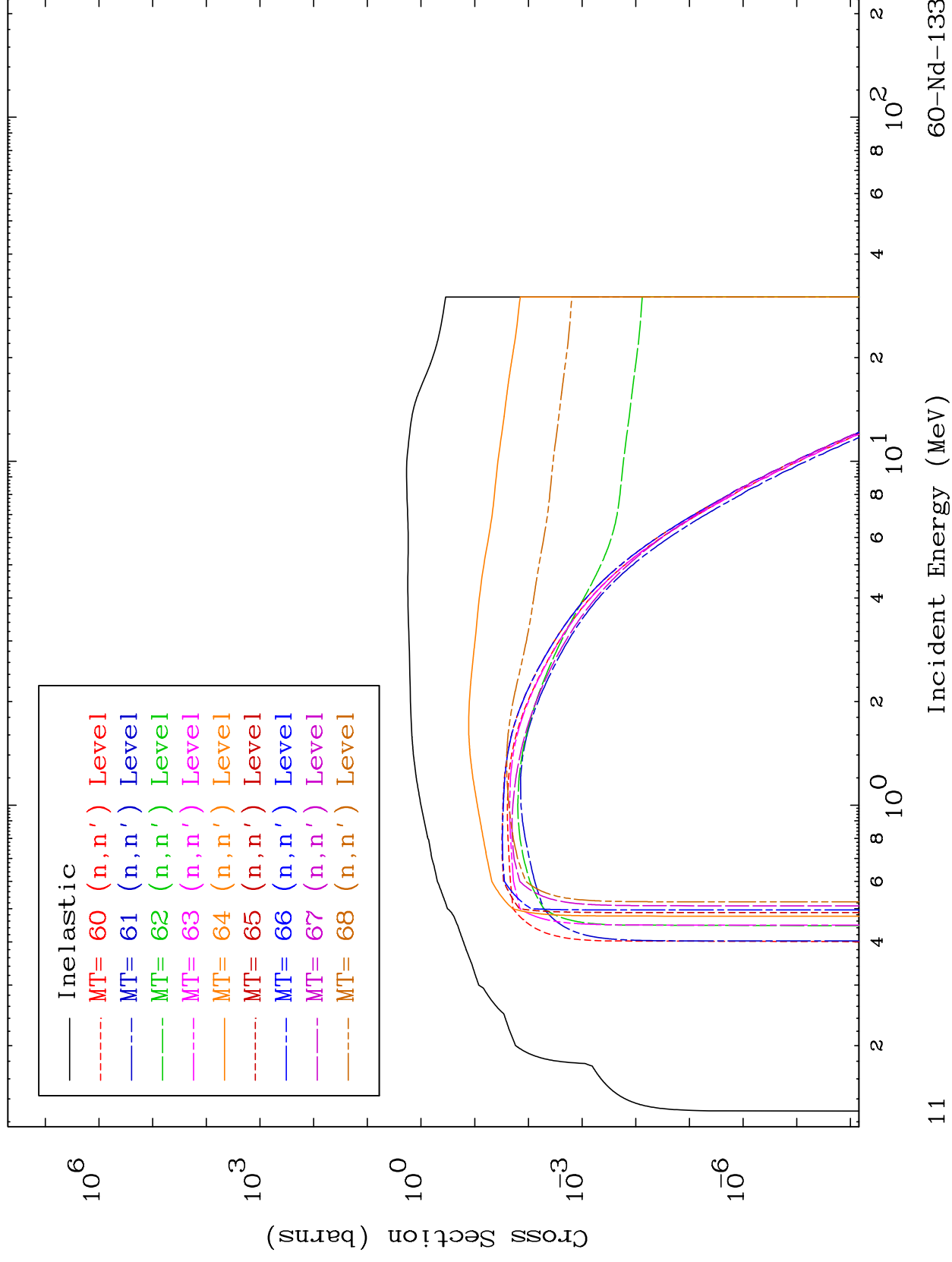
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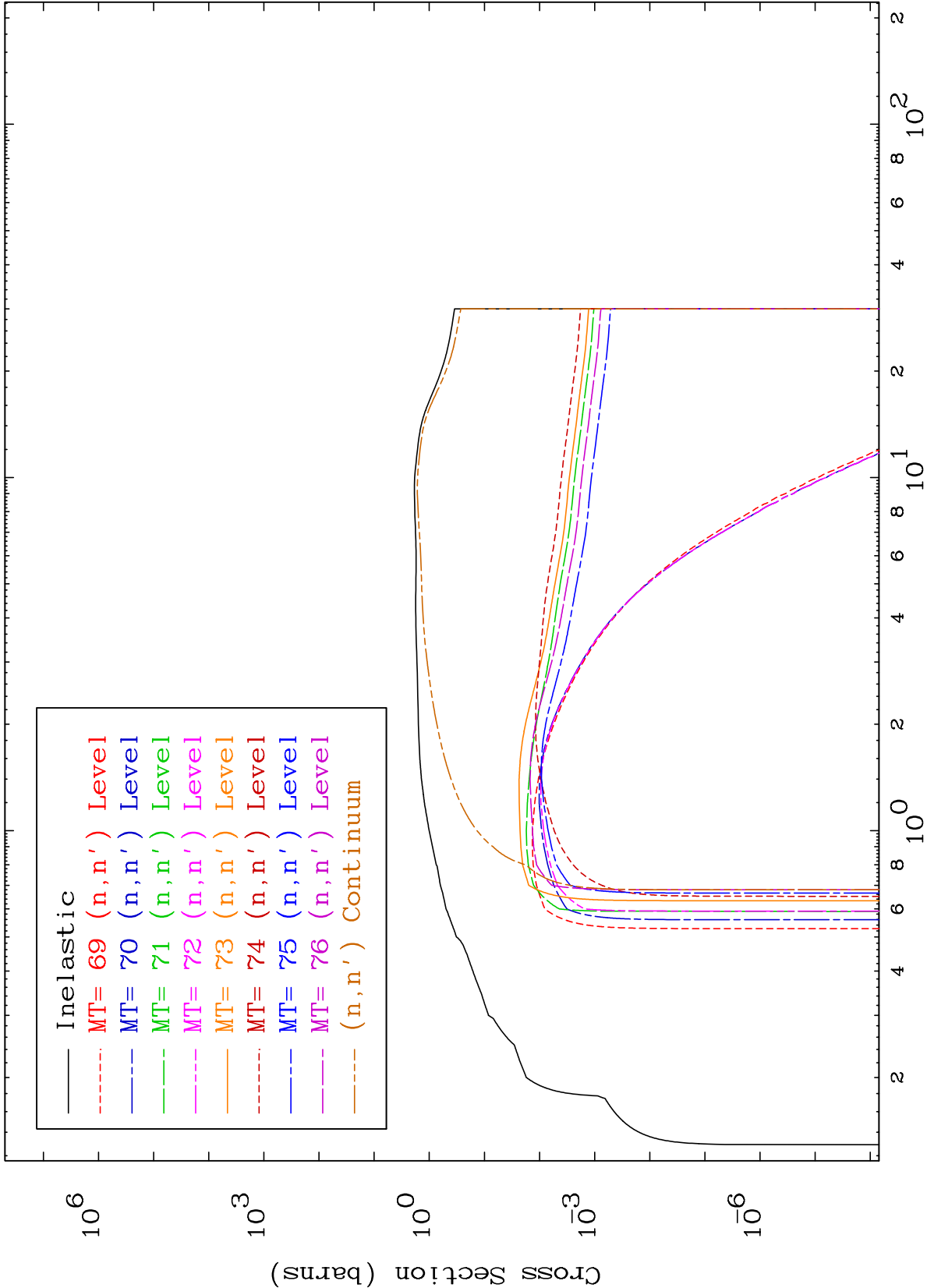


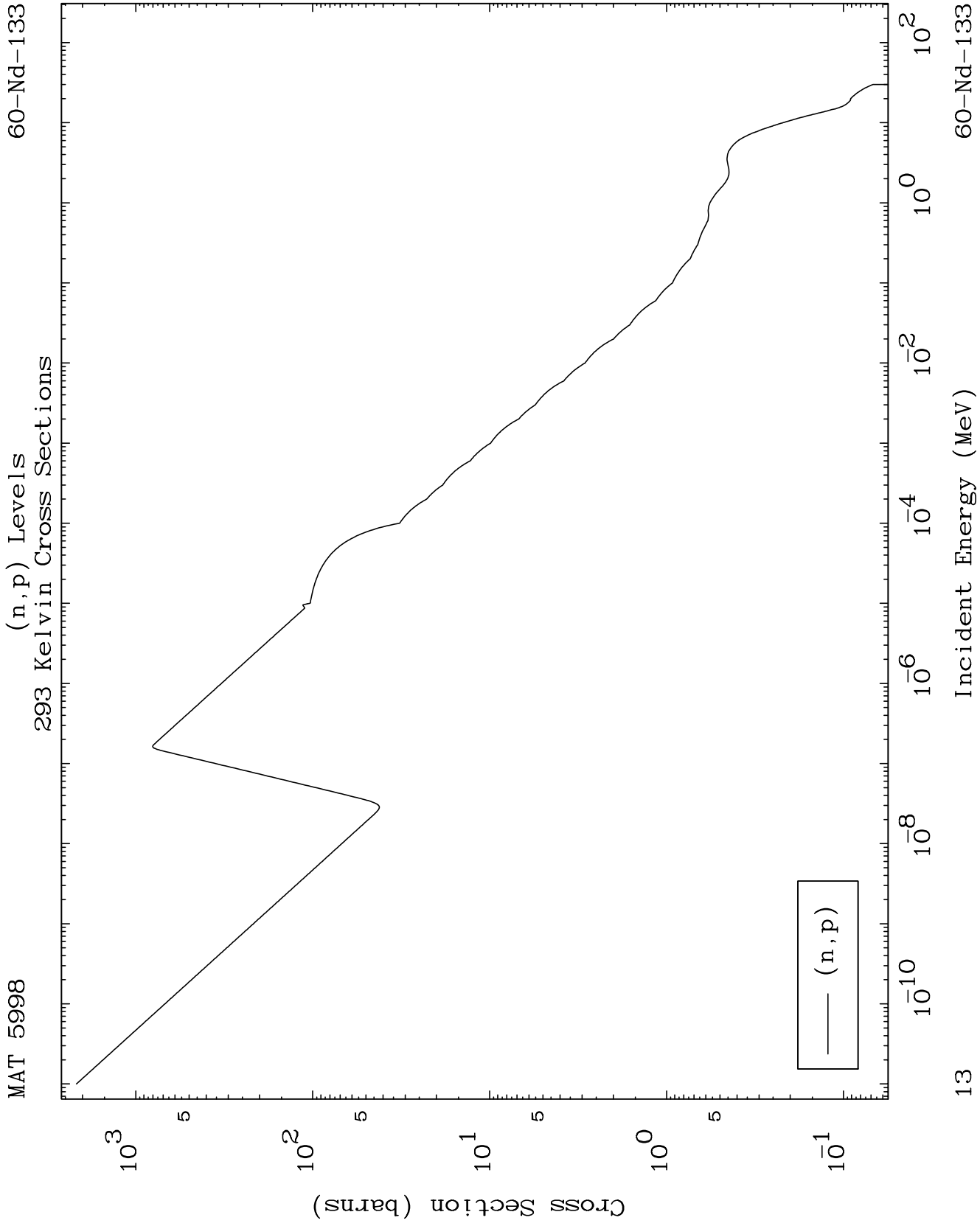
10

Incident Energy (MeV)

60-Nd-133

(n,n') Levels
293 Kelvin Cross Sections

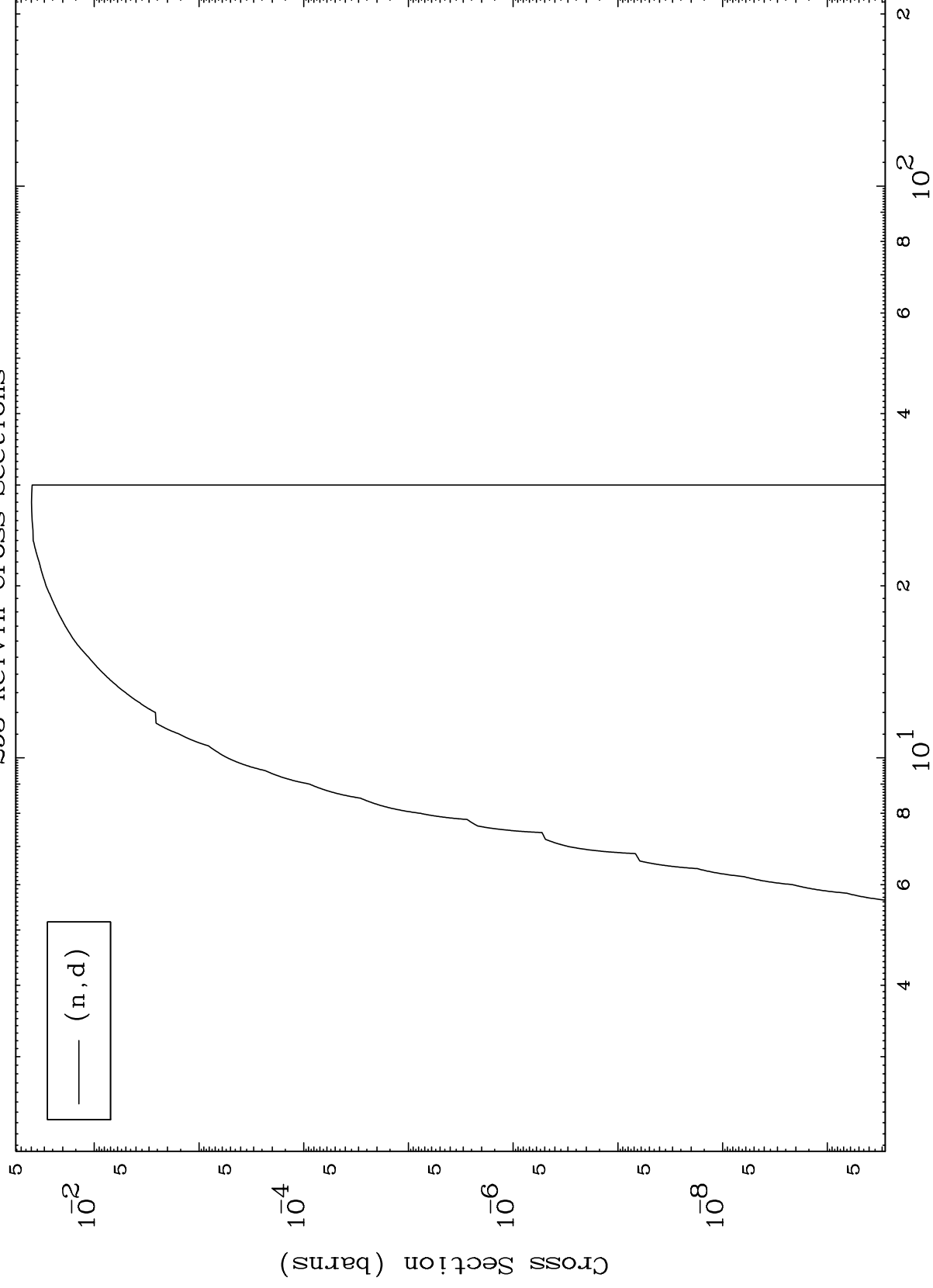




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60-Nd-133

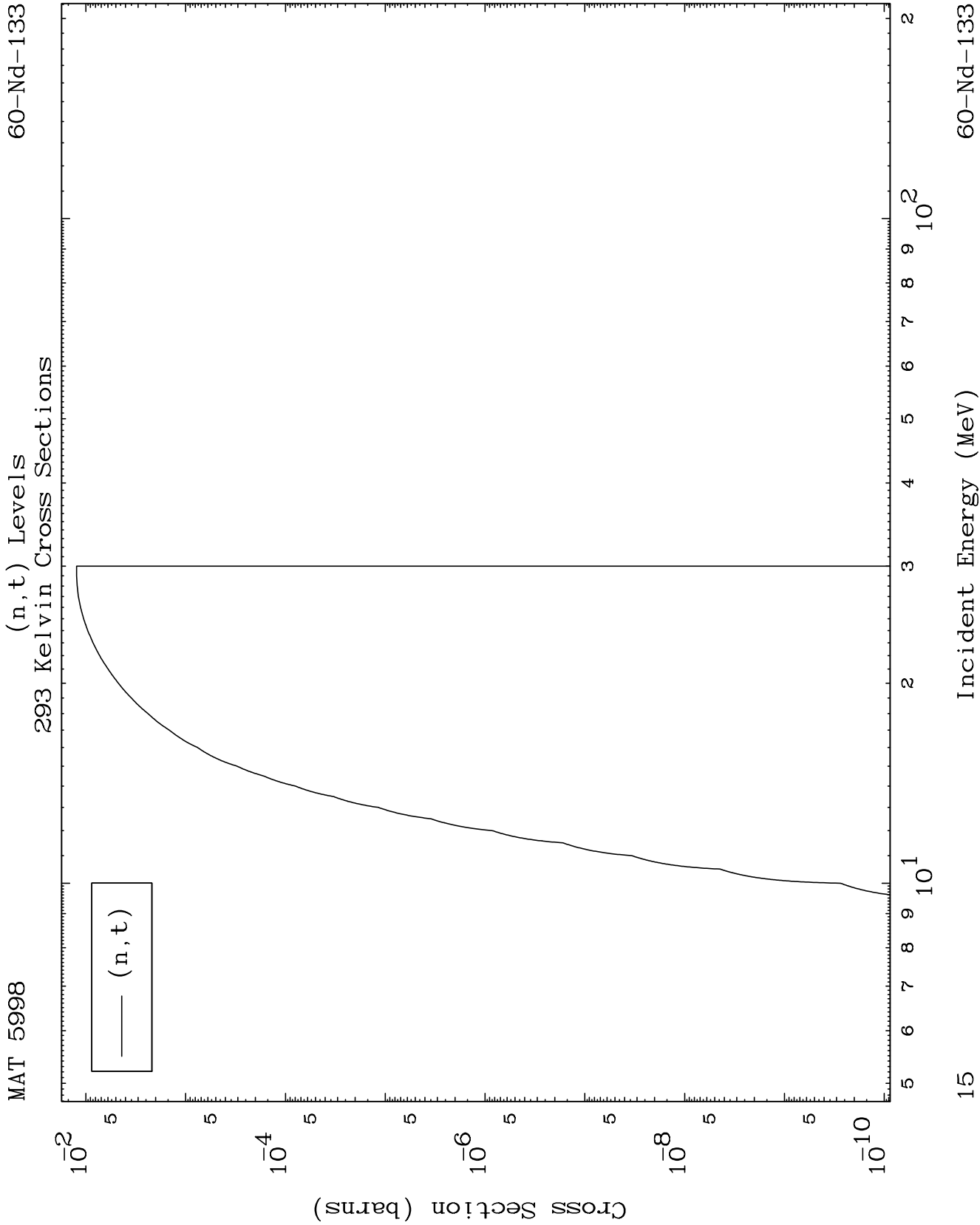
(n,d) Levels
293 Kelvin Cross Sections



14

Incident Energy (MeV)

60-Nd-133

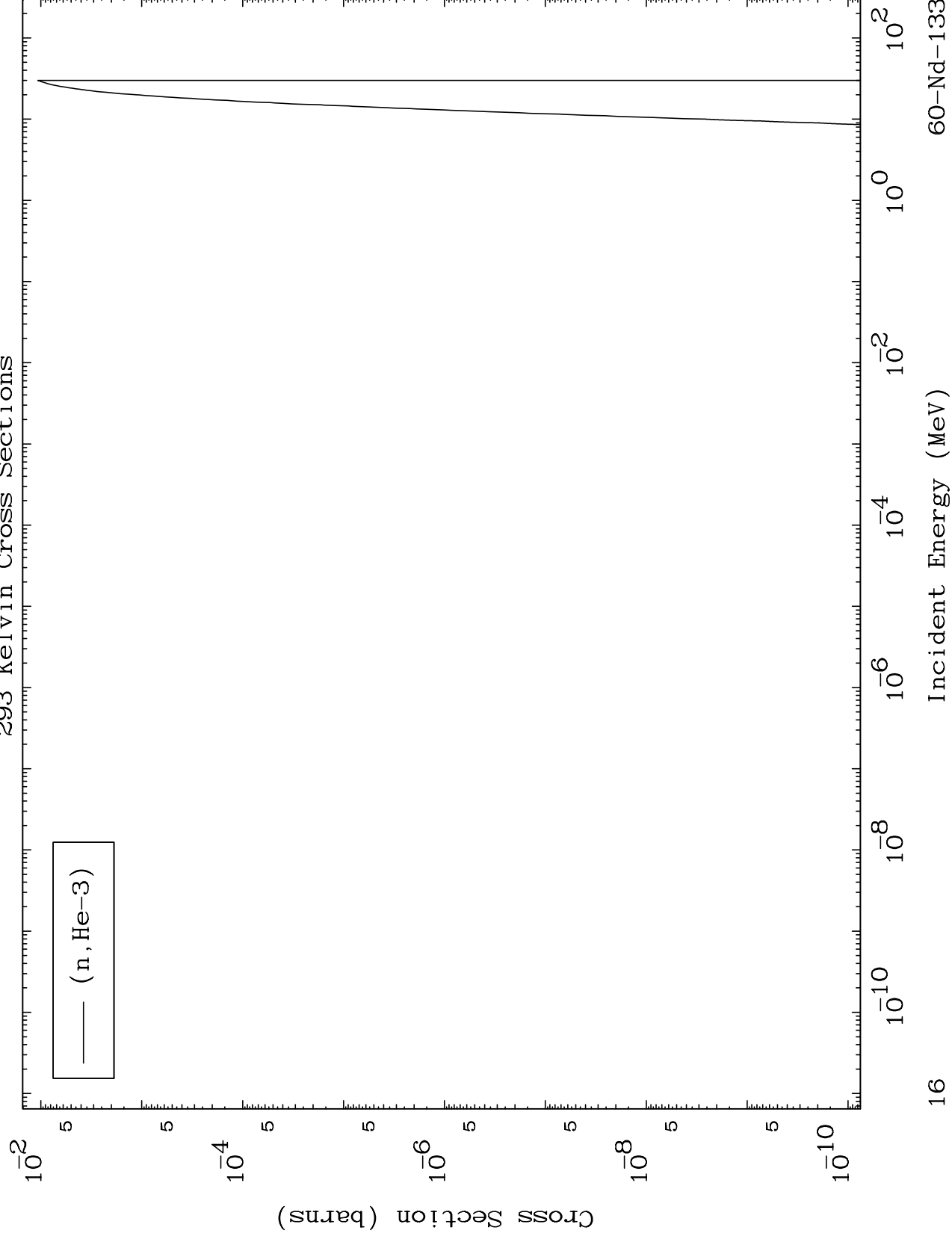


MAT 5998

(n, He3) Levels

60-Nd-133

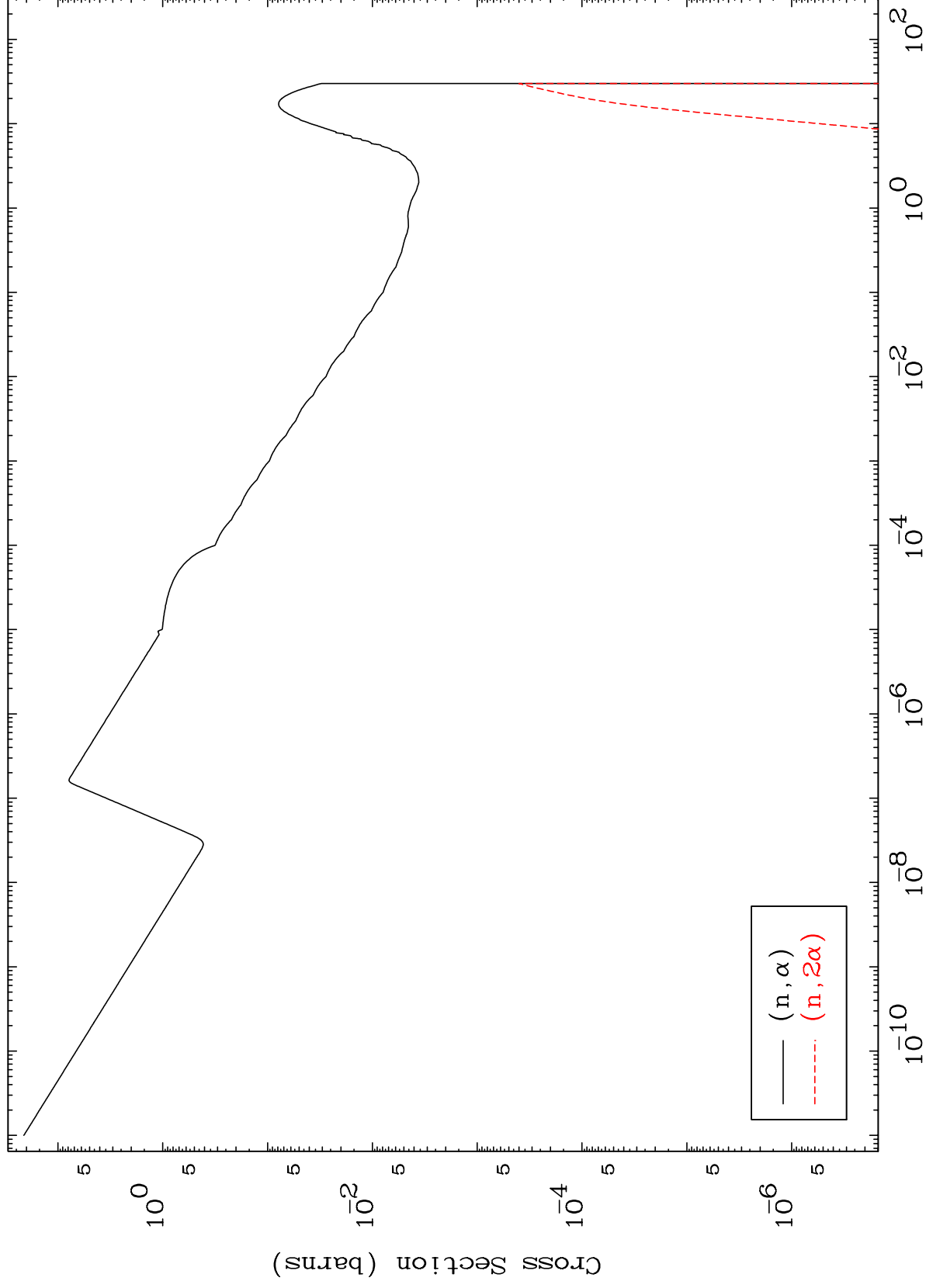
293 Kelvin Cross Sections



MAT 5998

(n, α) Levels
293 Kelvin Cross Sections

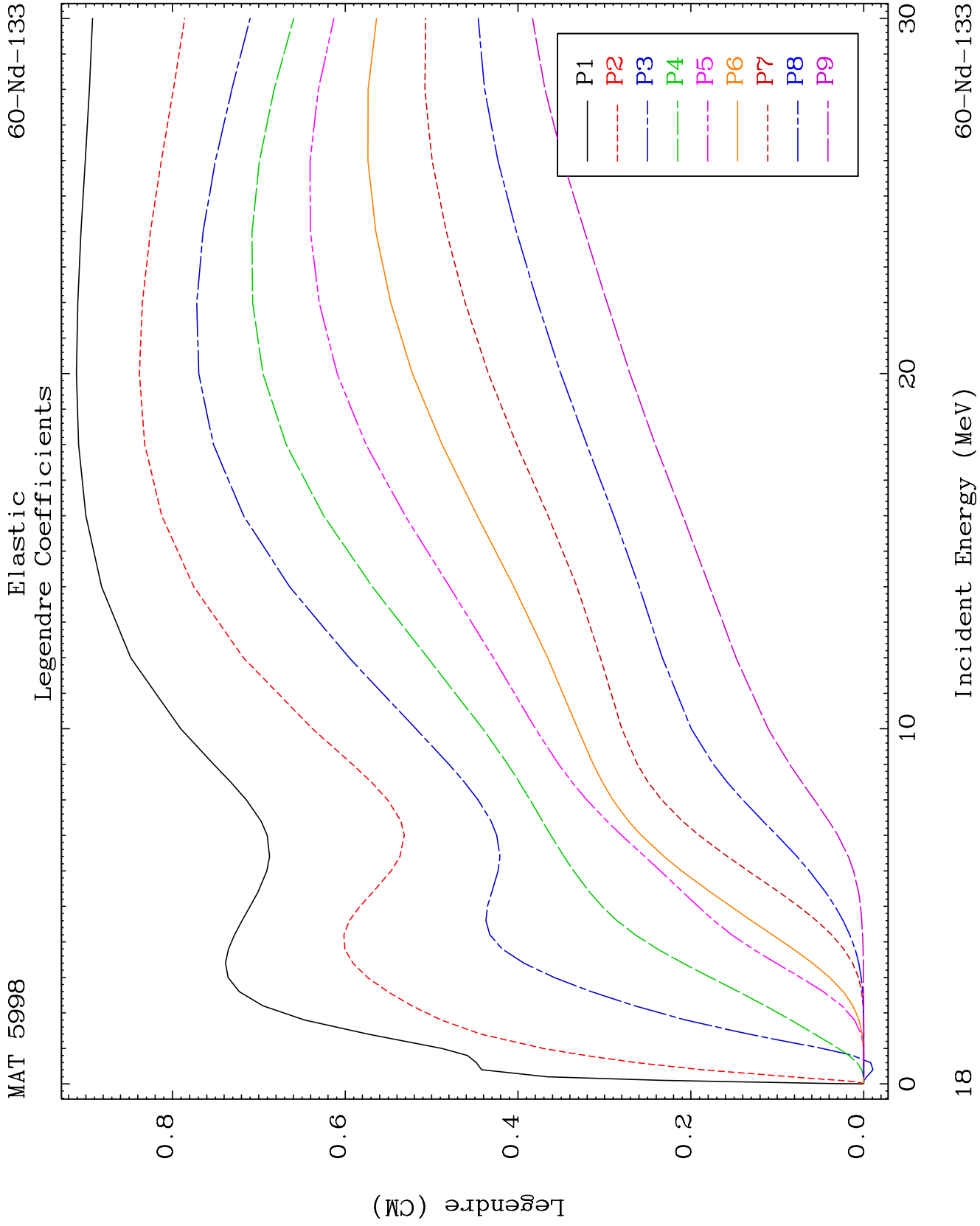
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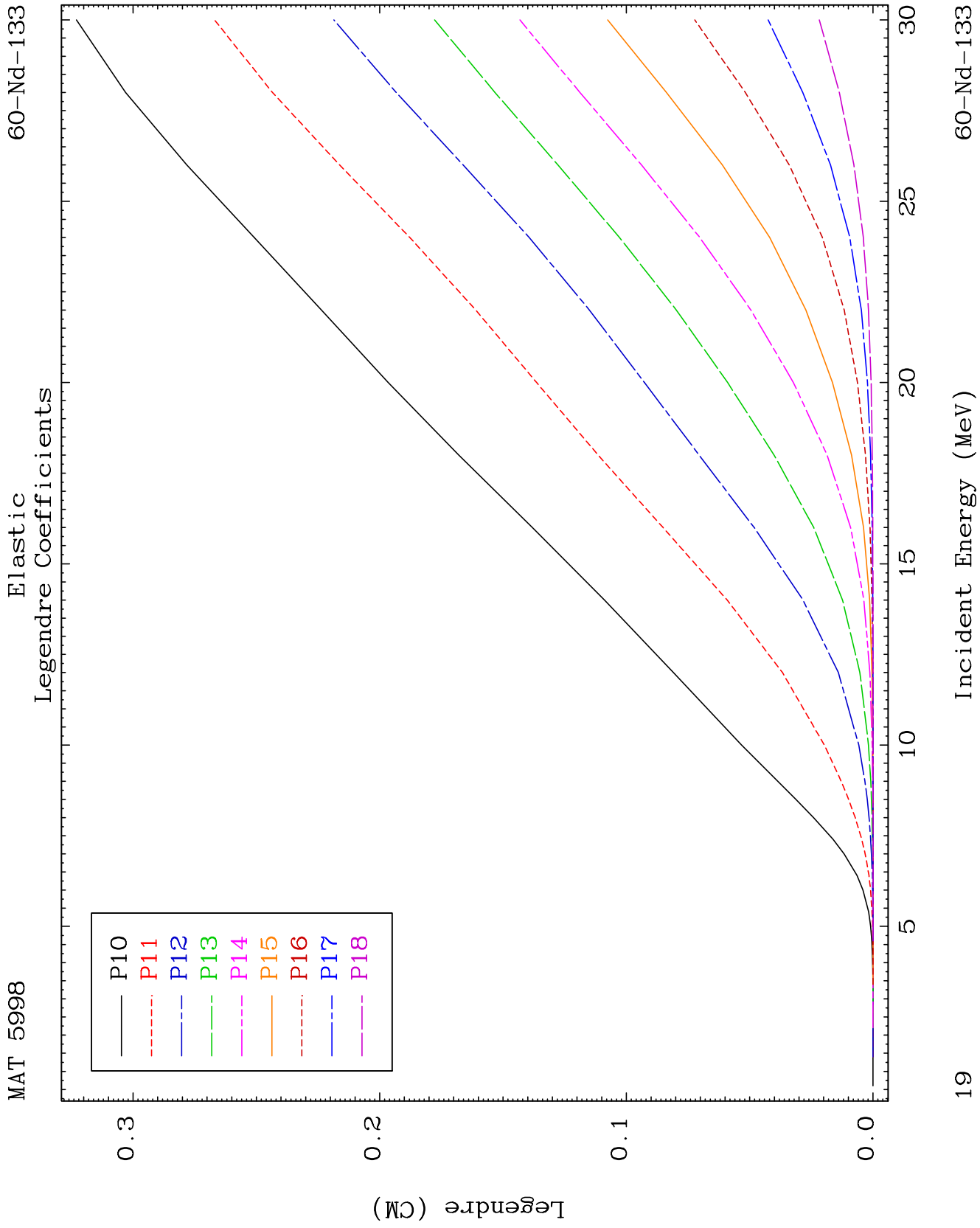


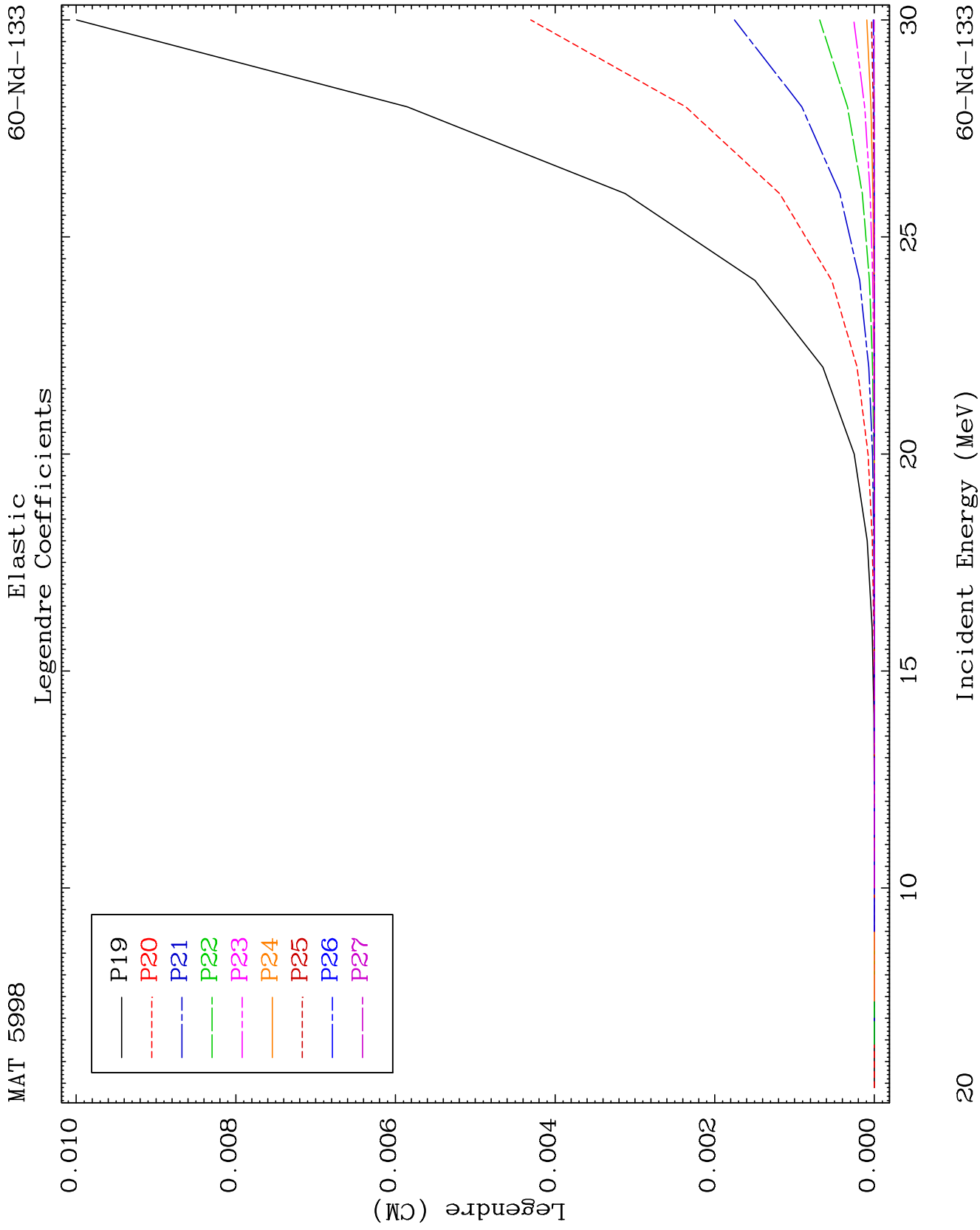
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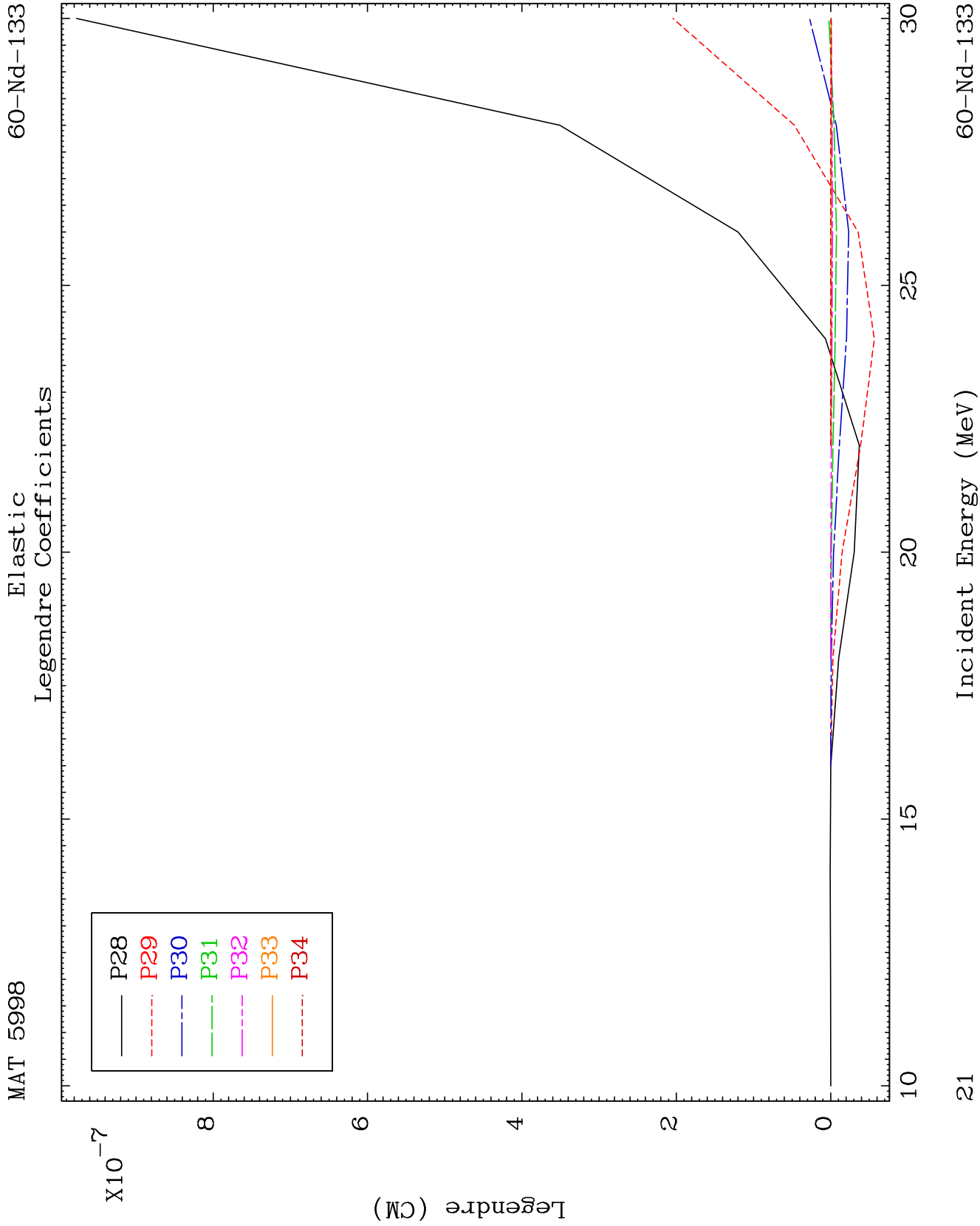
Incident Energy (MeV)

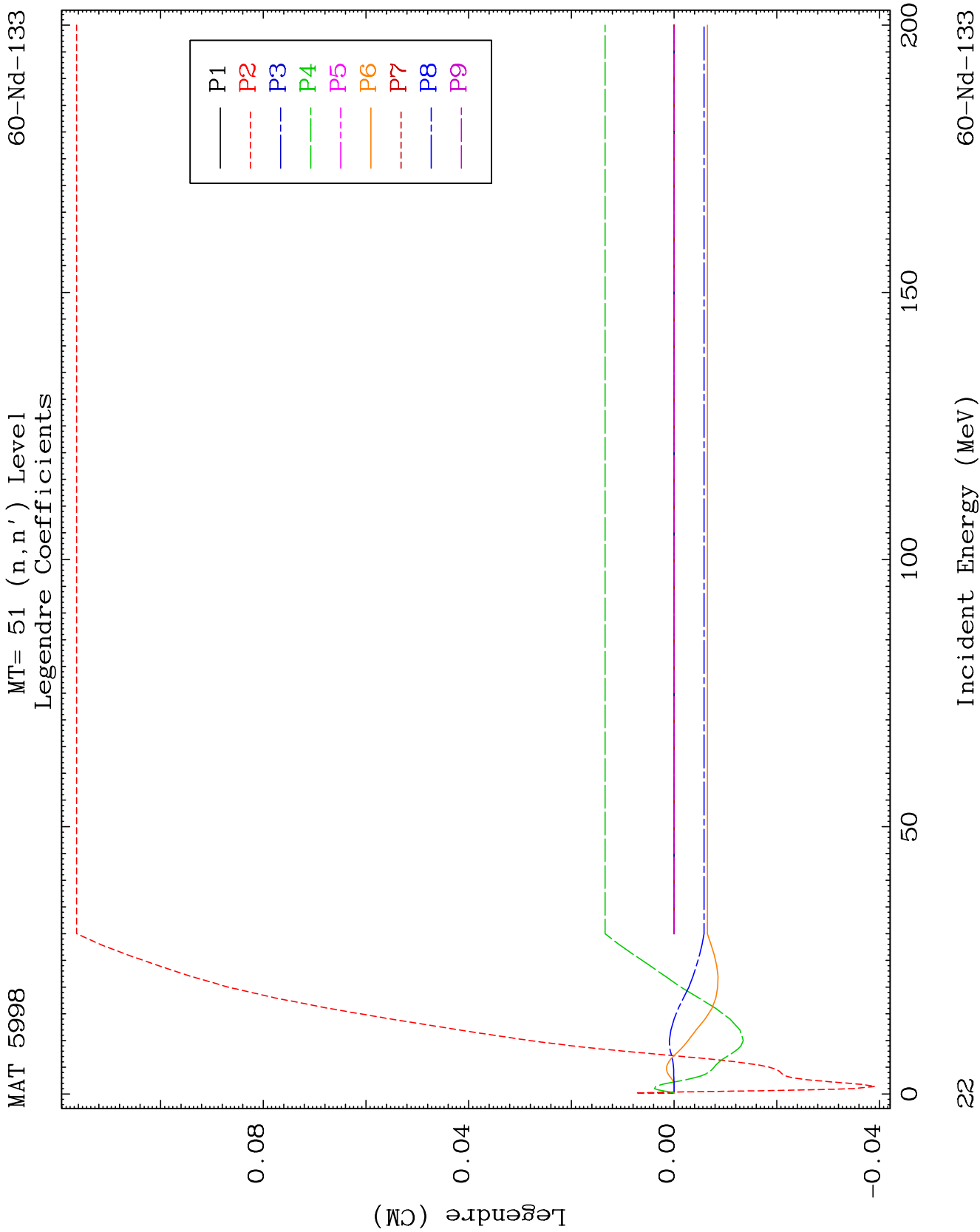
60-Nd-133

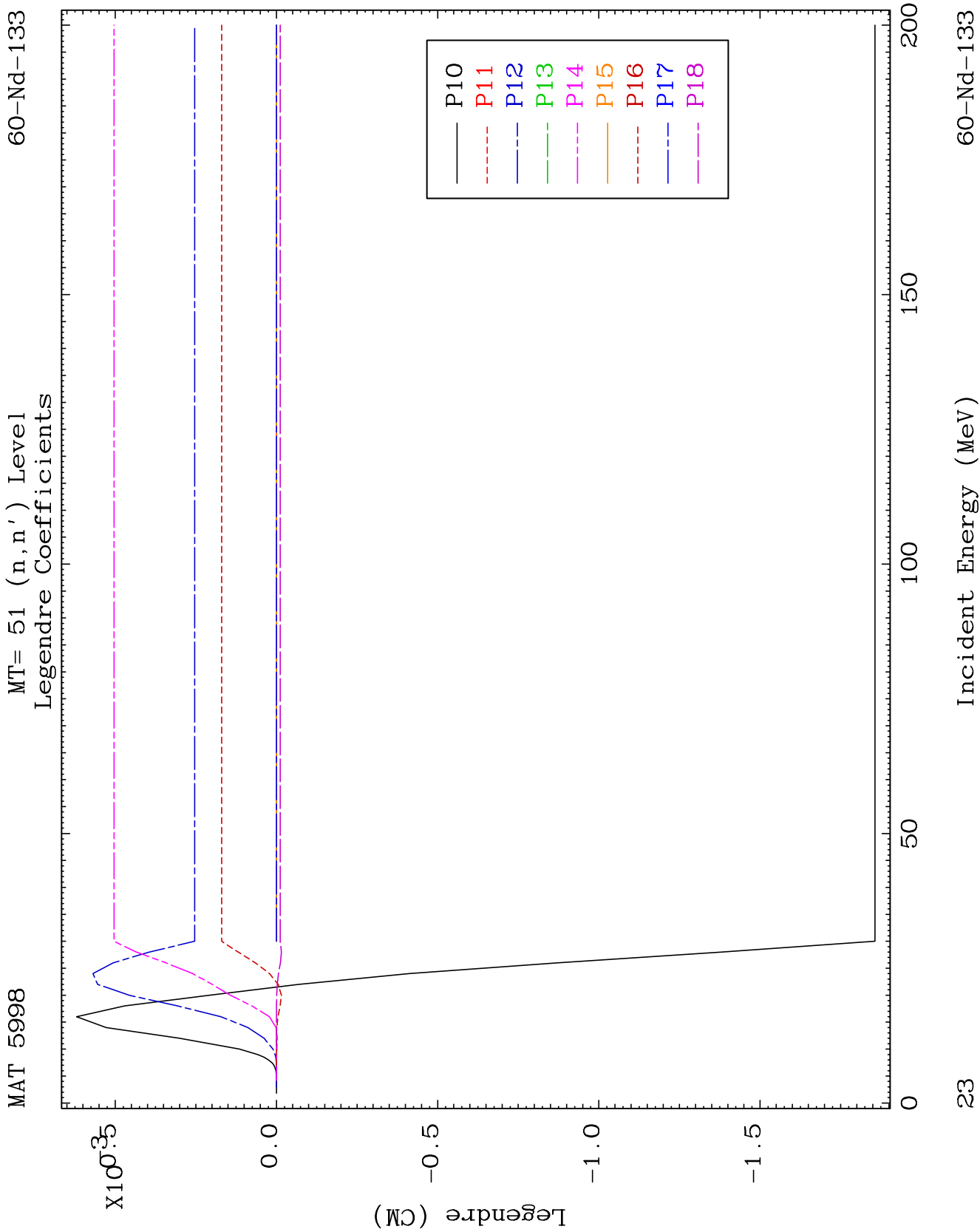


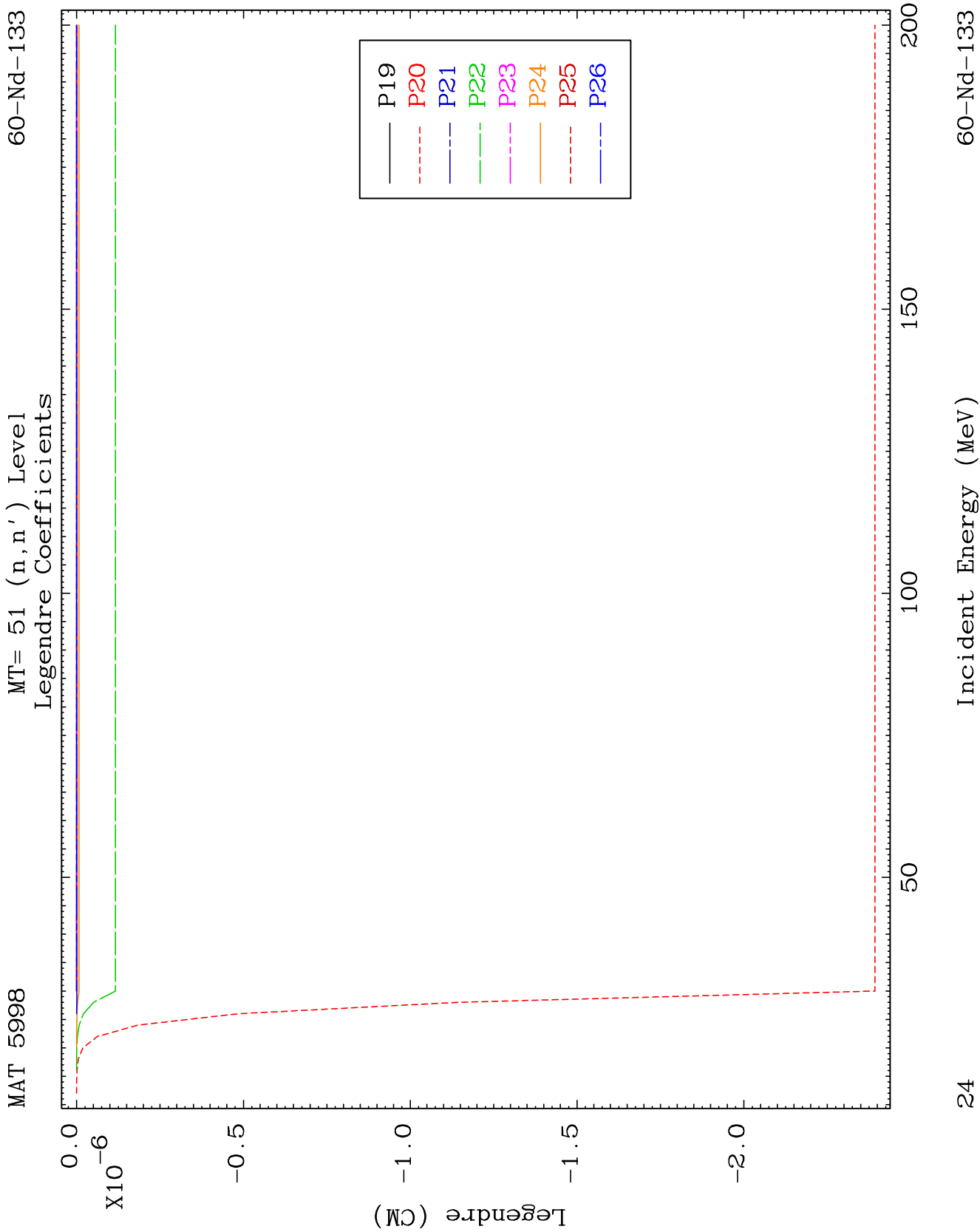


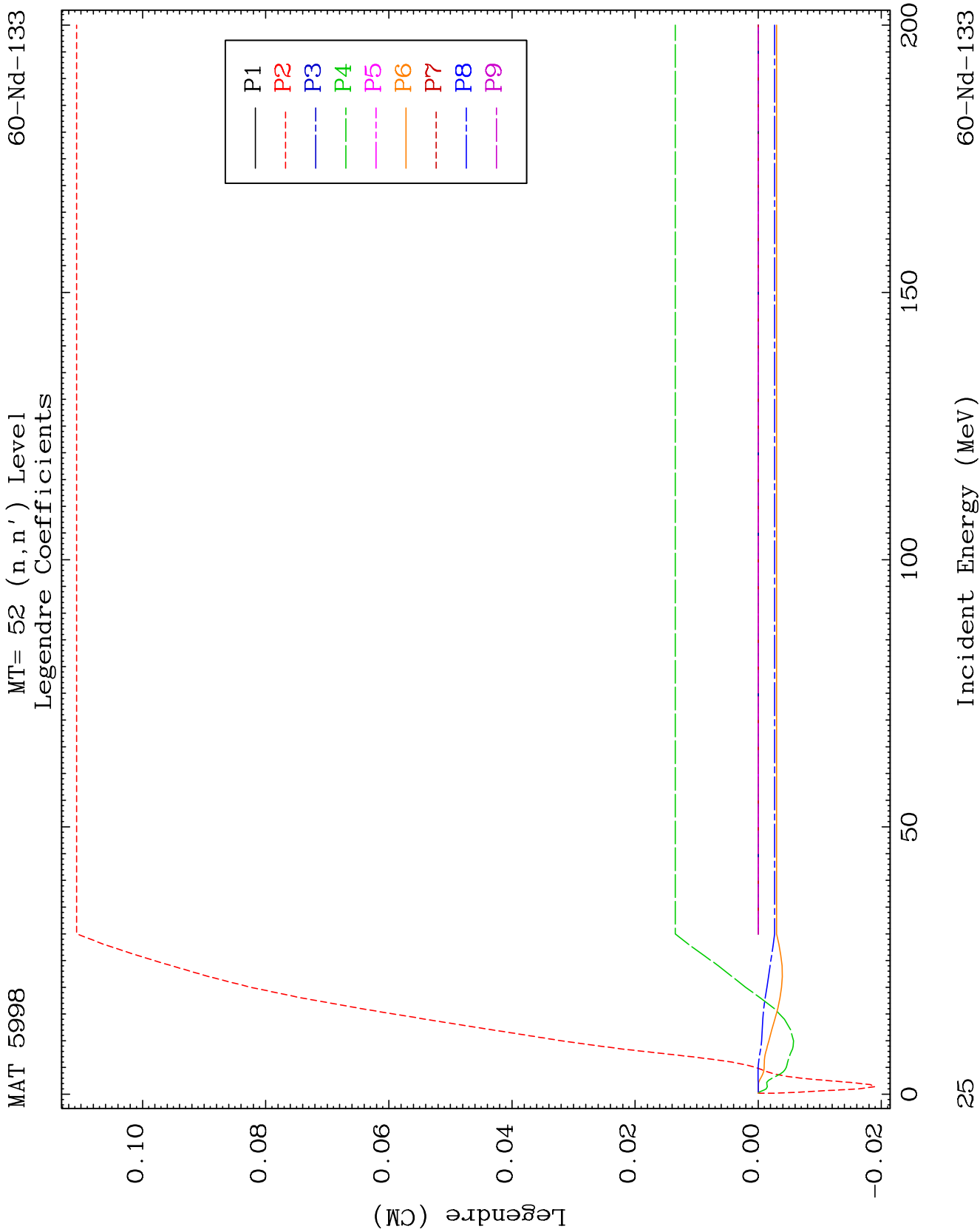


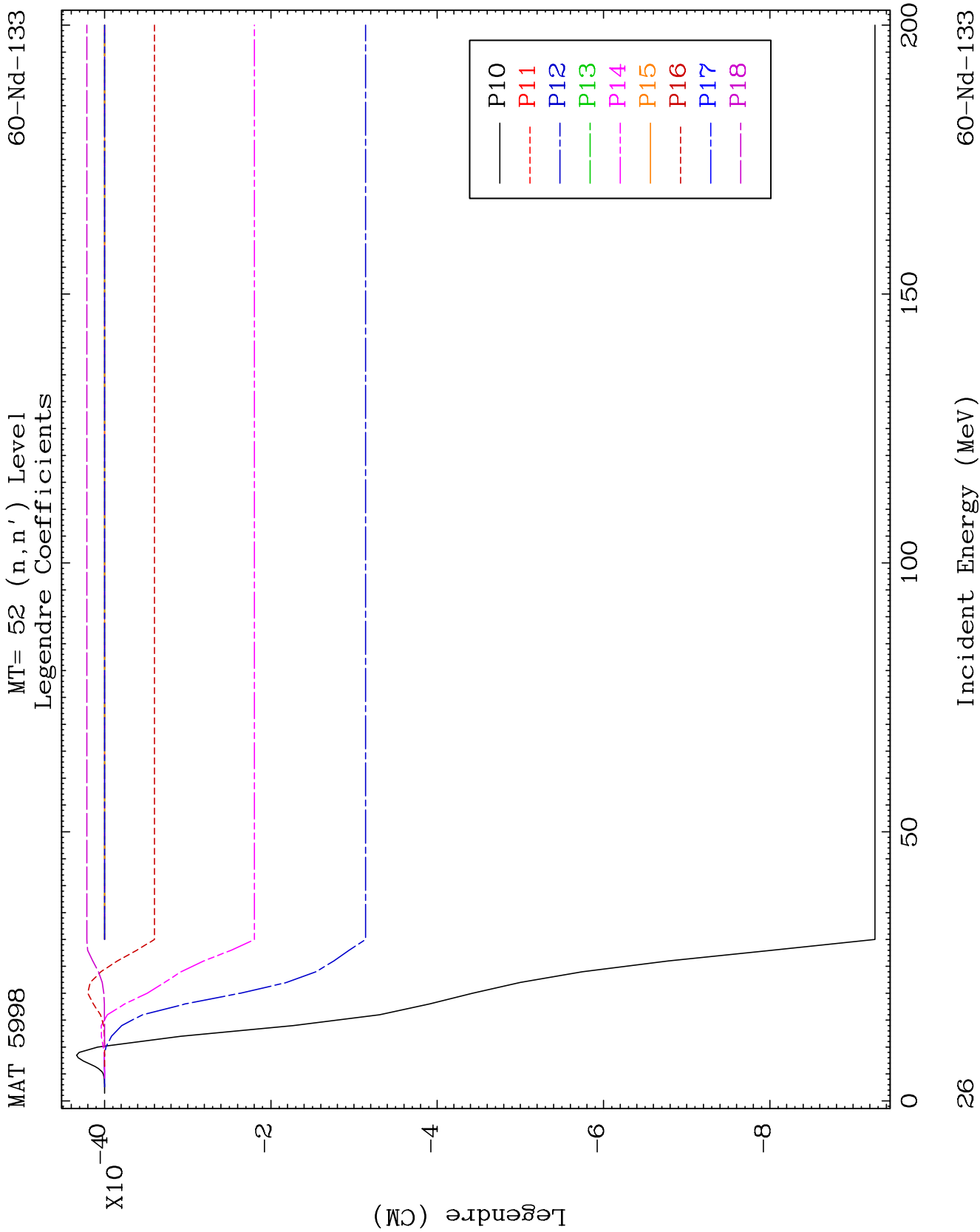


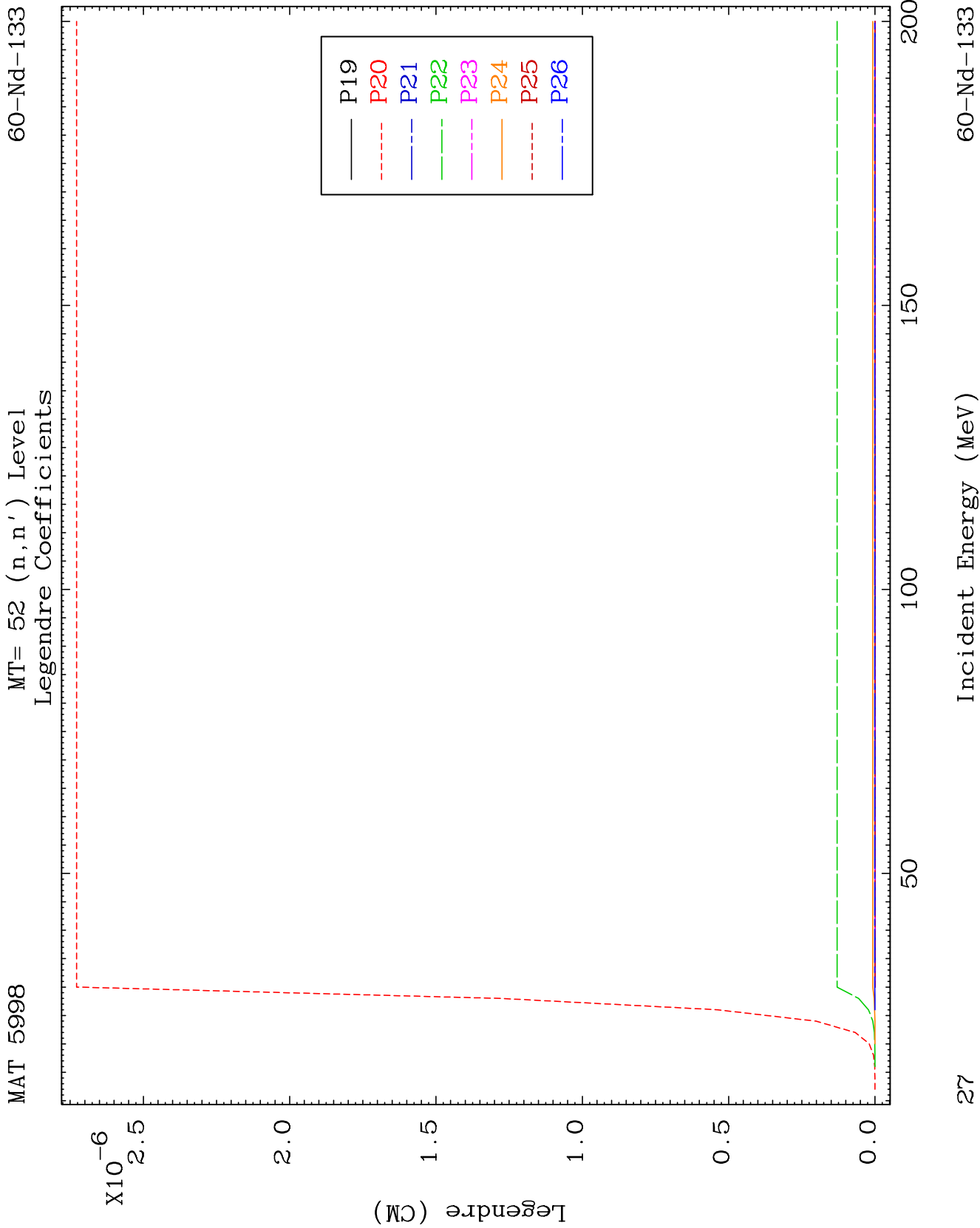








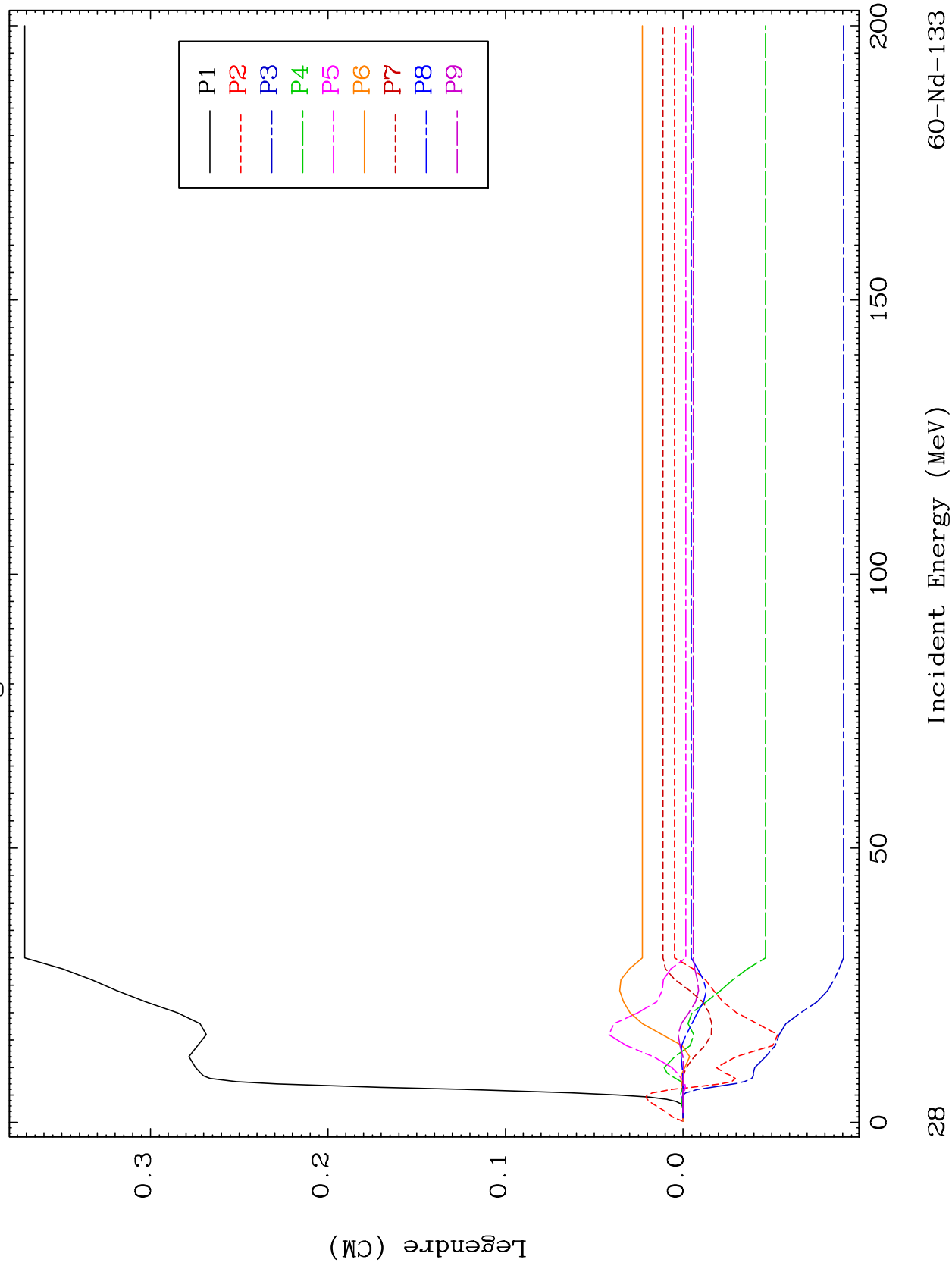


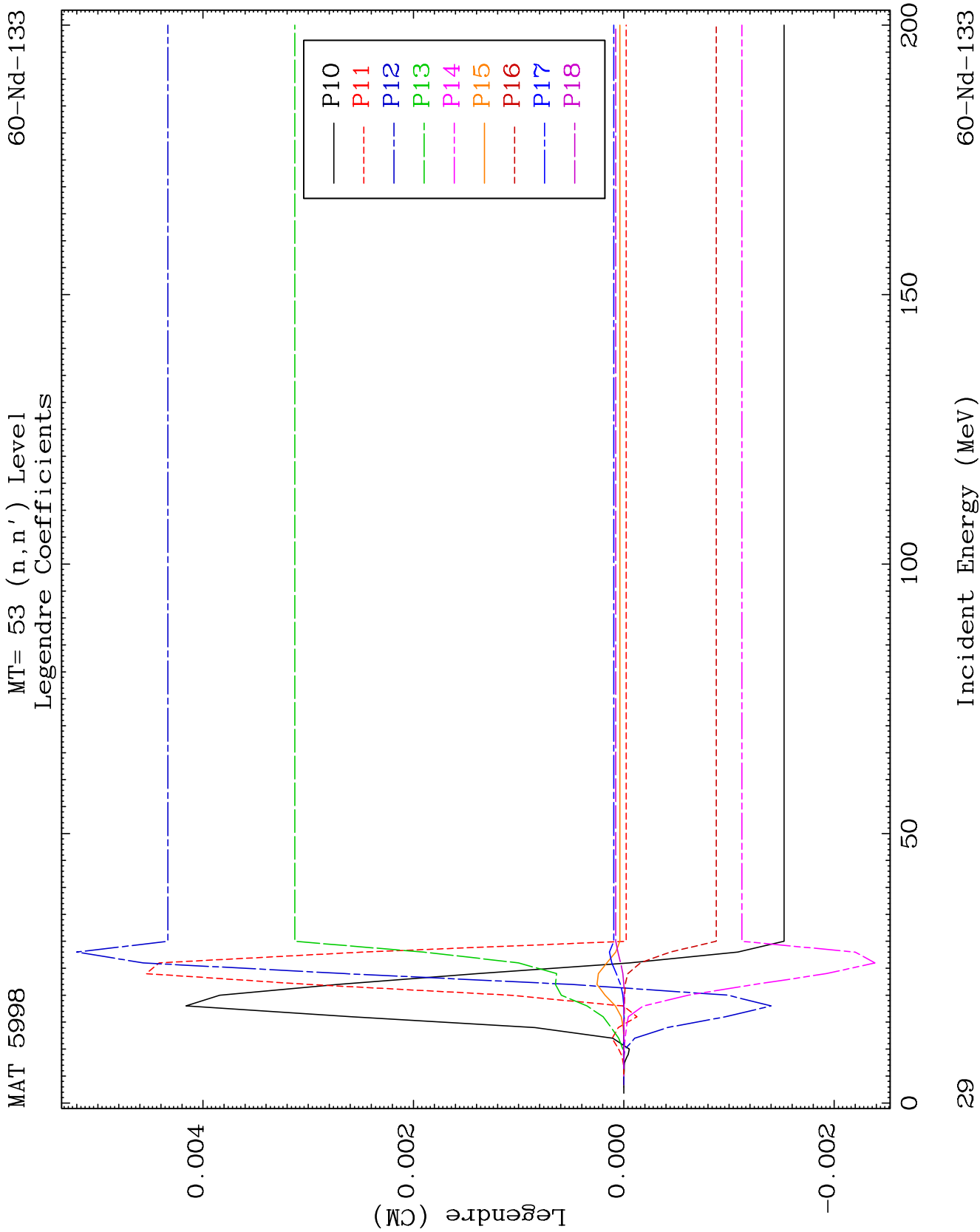


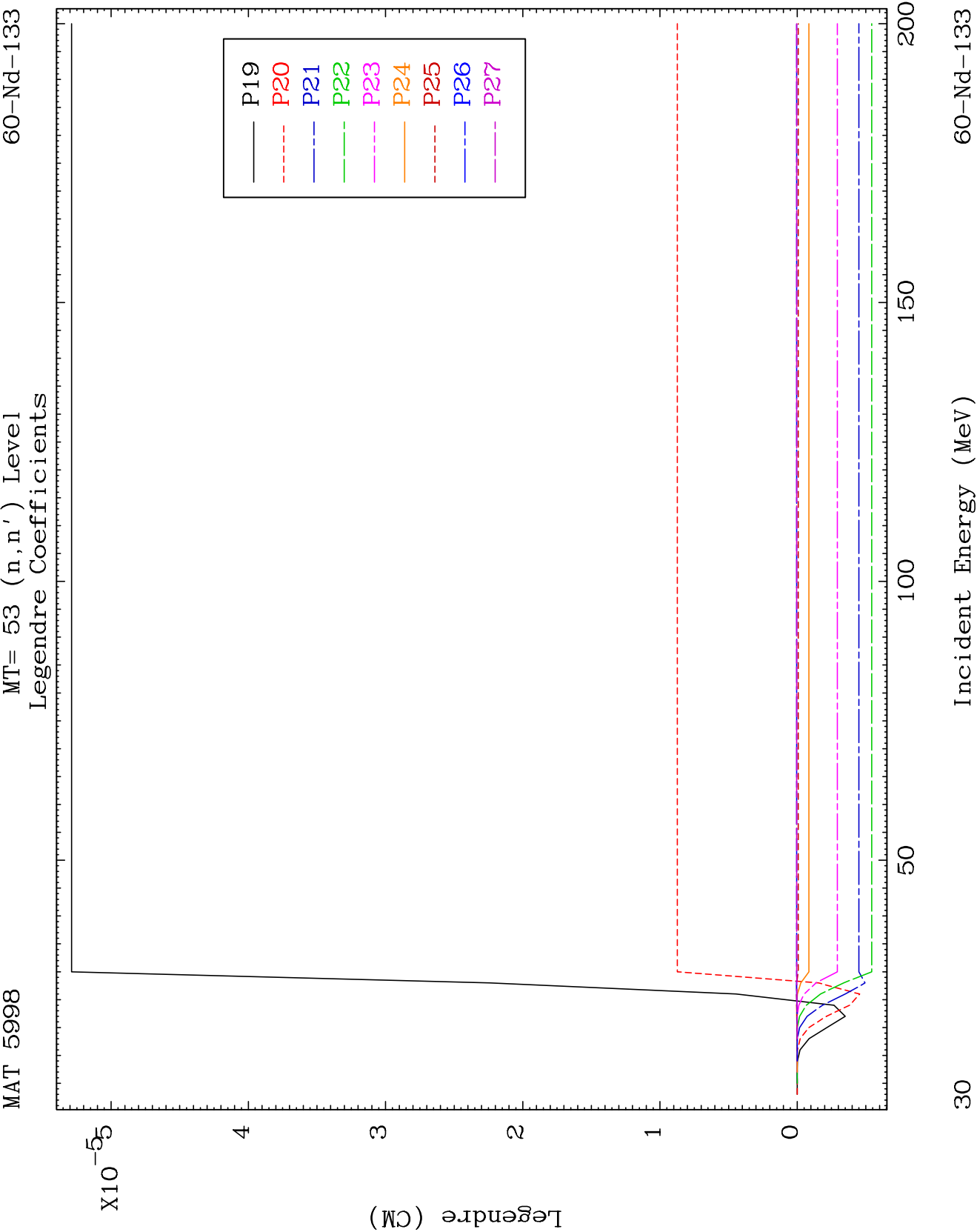
MAT 5998

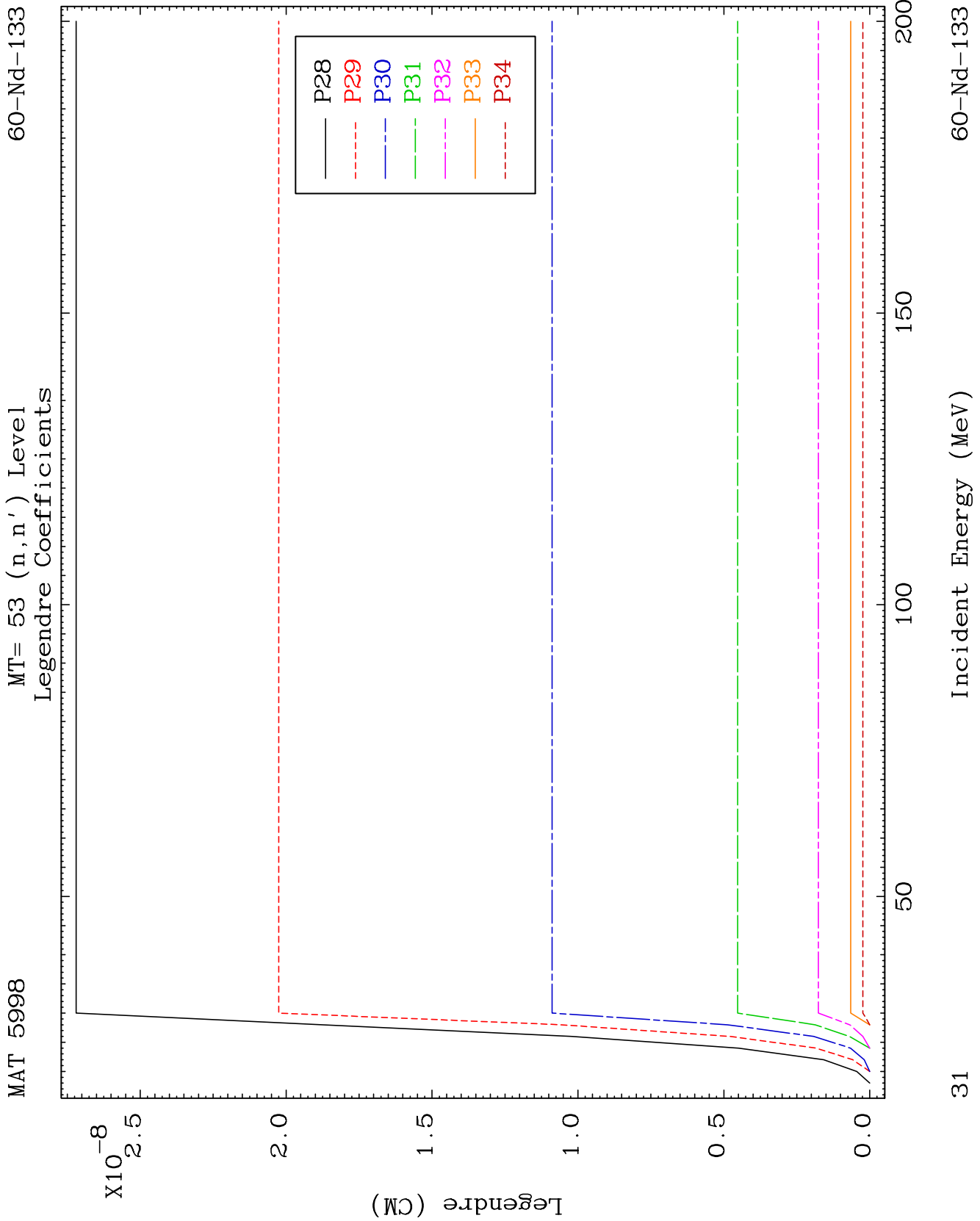
MT= 53 (n, n') Level
Legendre Coefficients

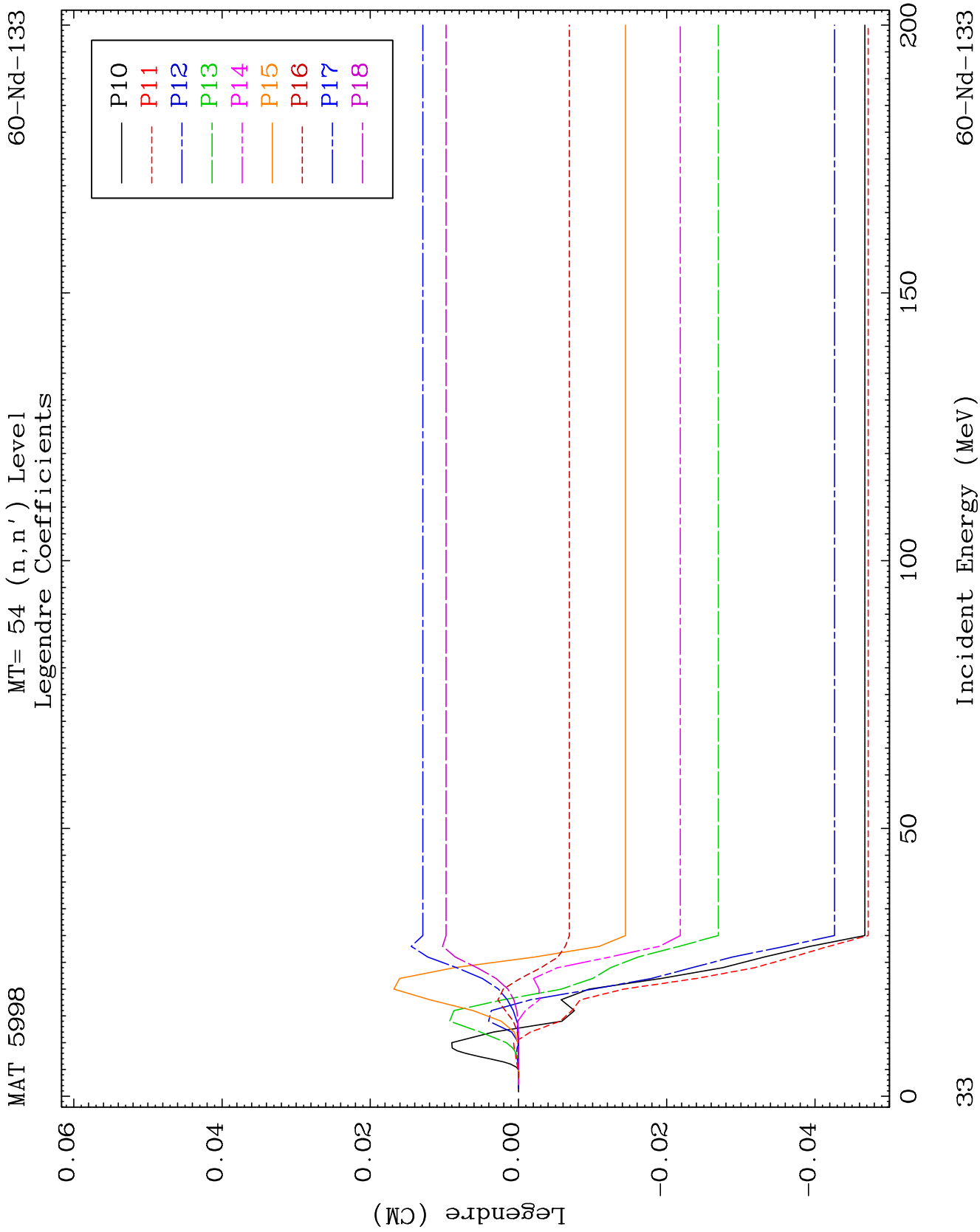
60-Nd-133

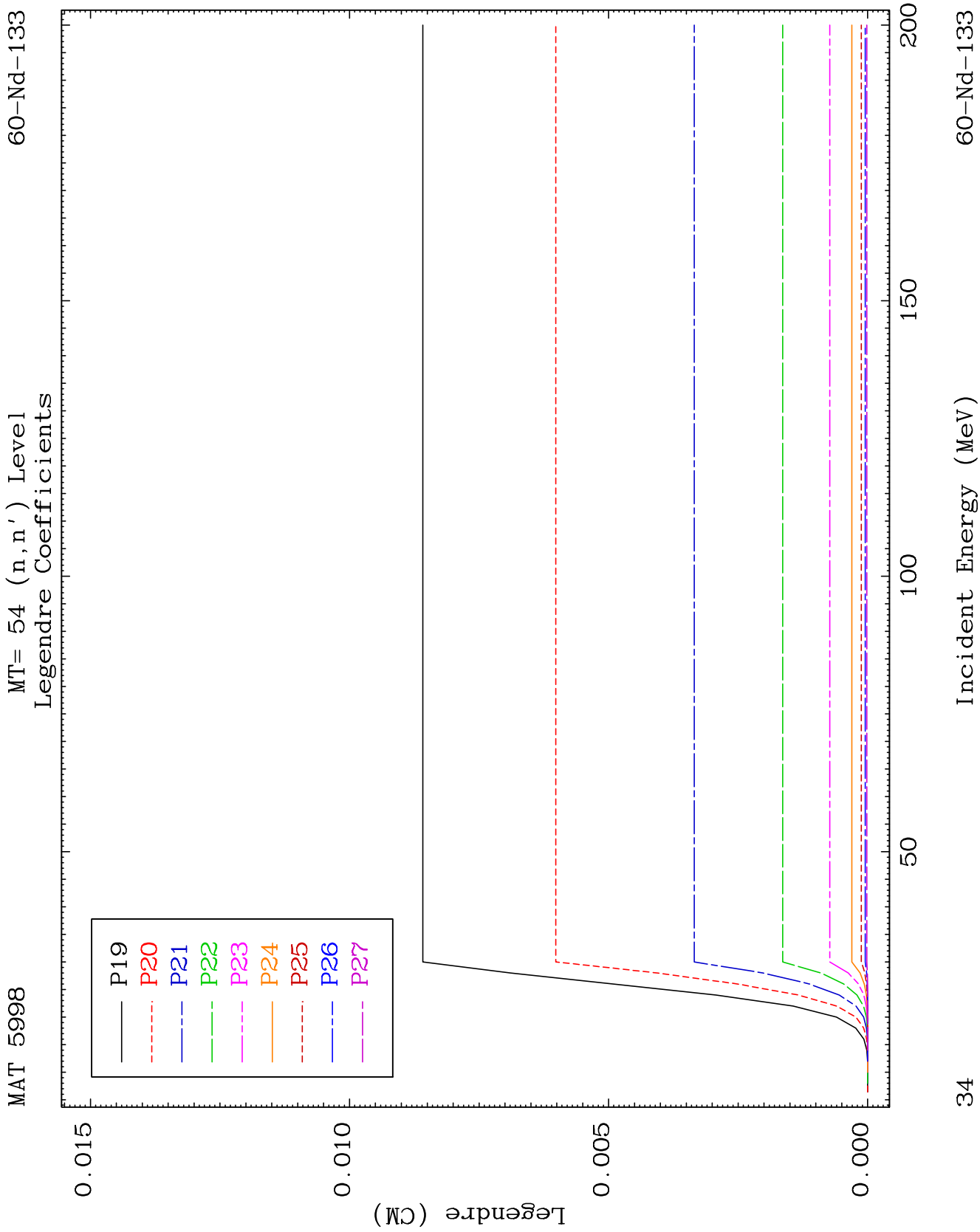


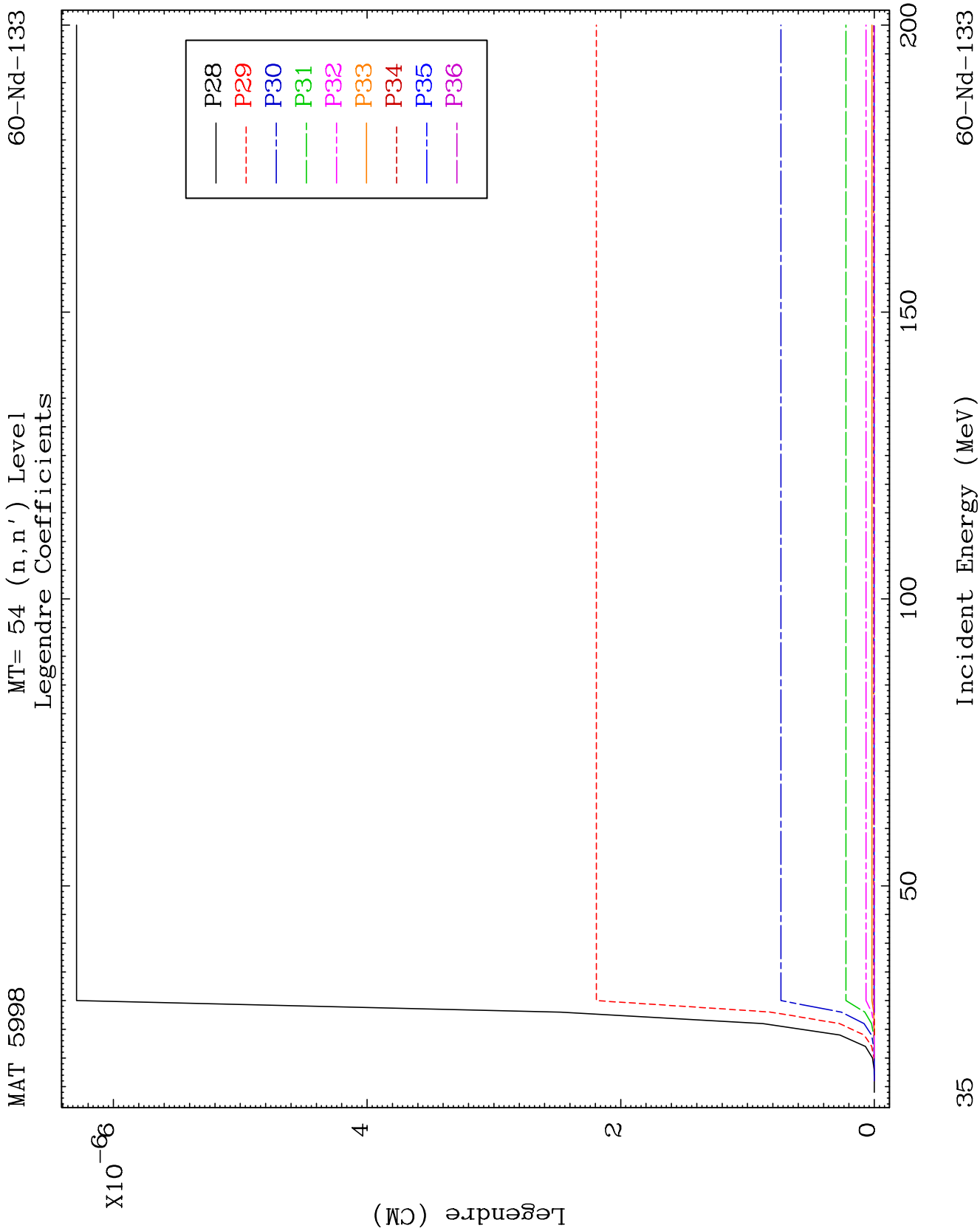








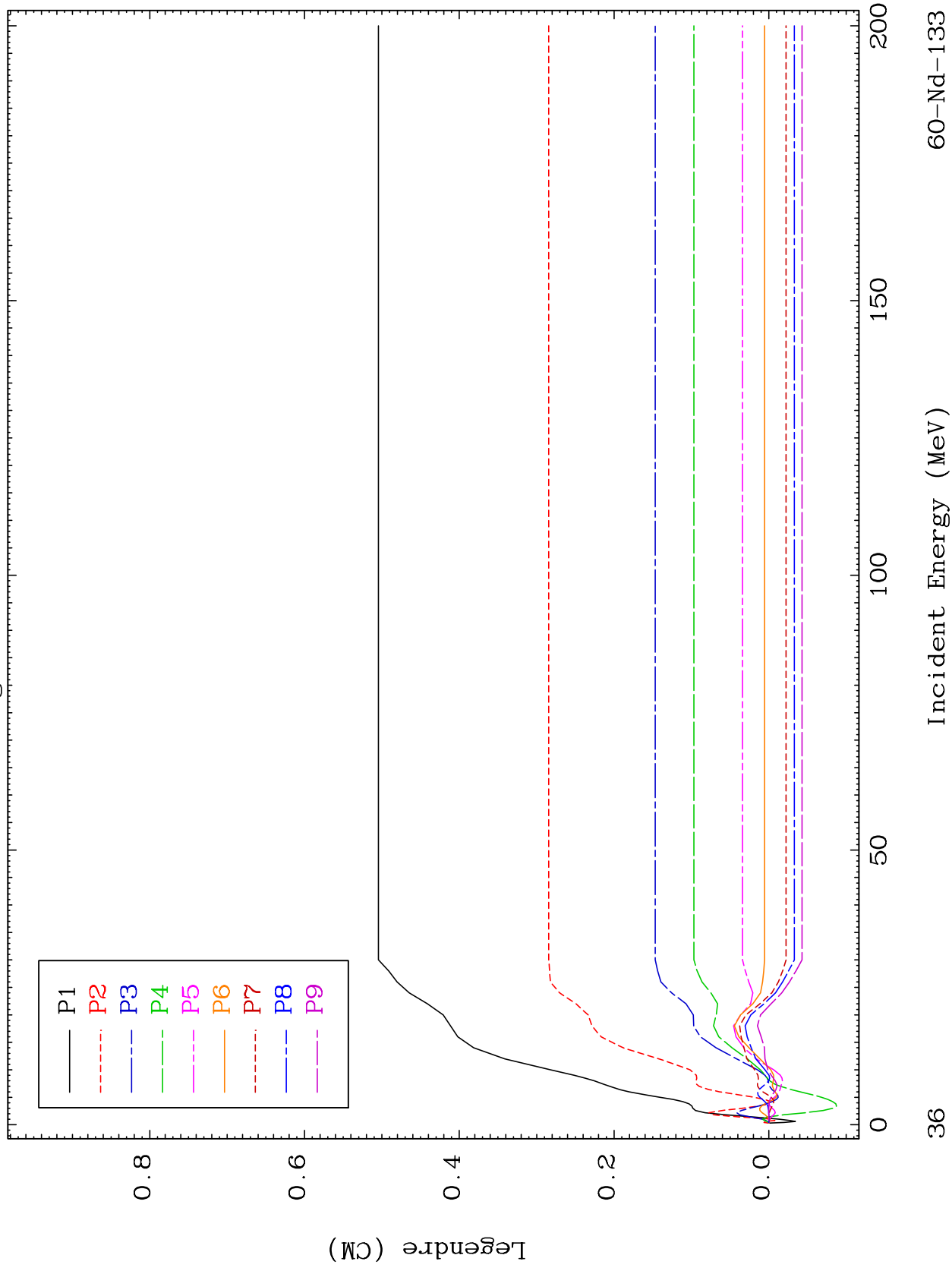




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MT= 55 (n, n') Level
Legendre Coefficients

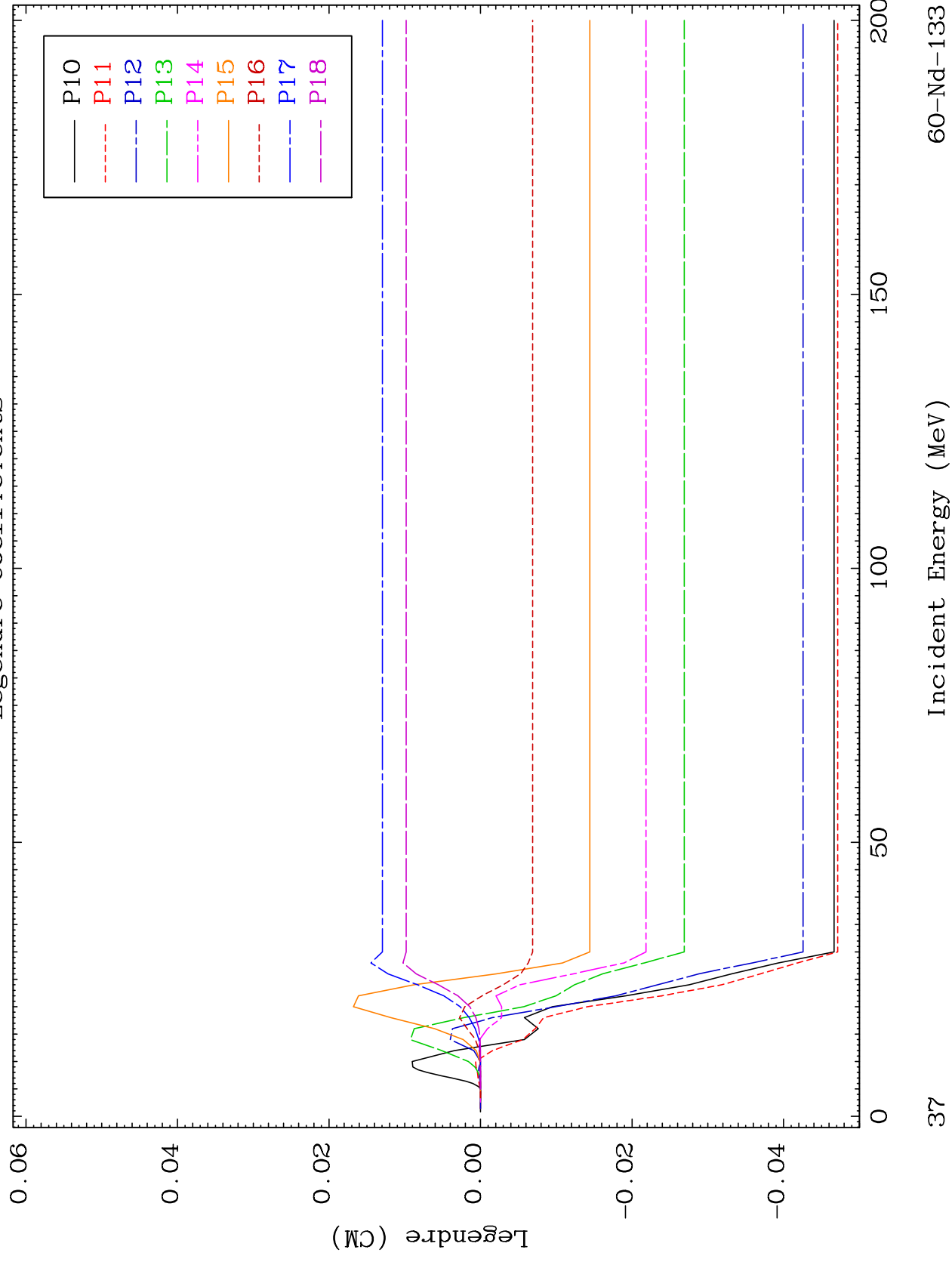
60-Nd-133



MAT 5998

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

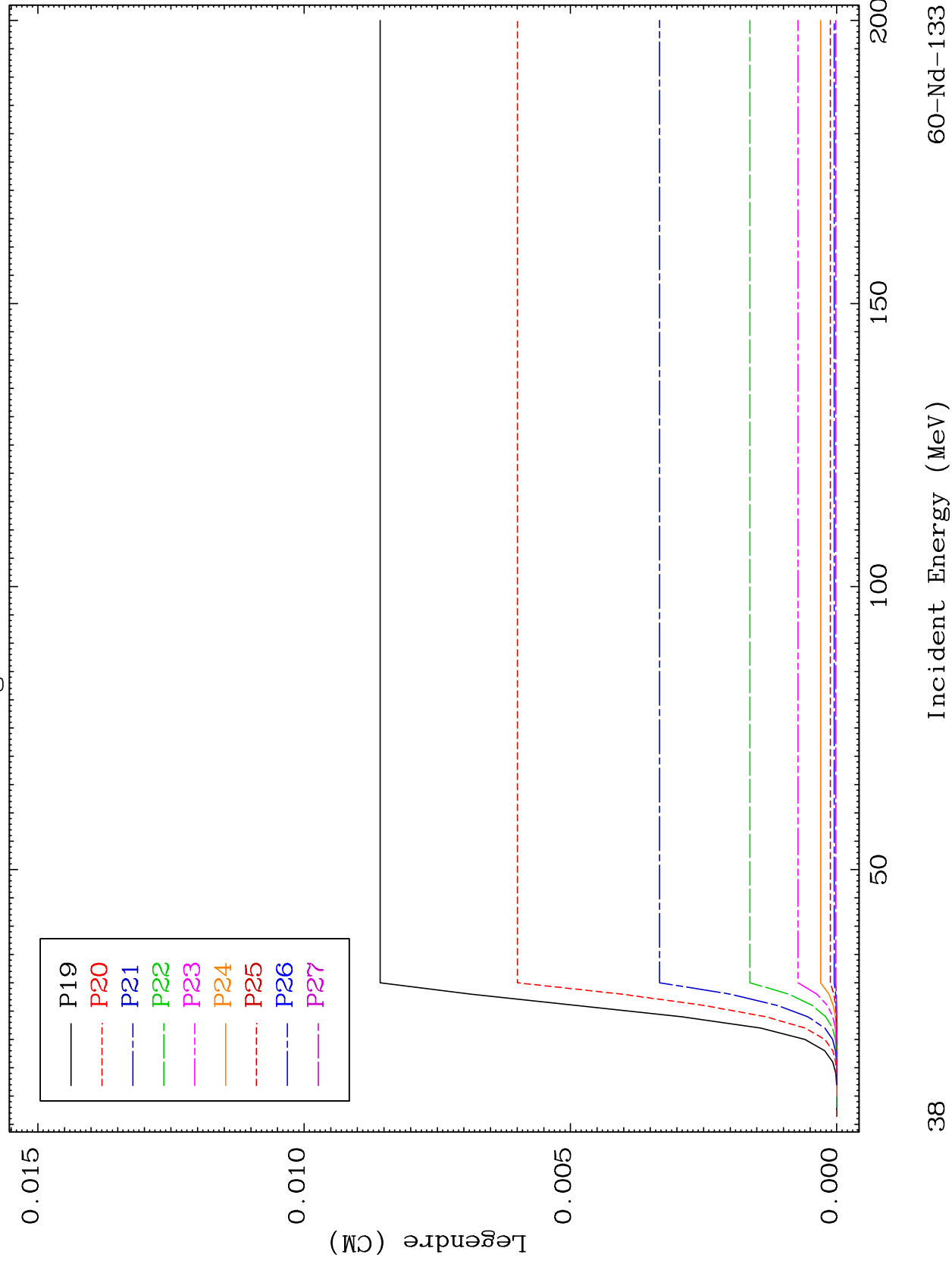
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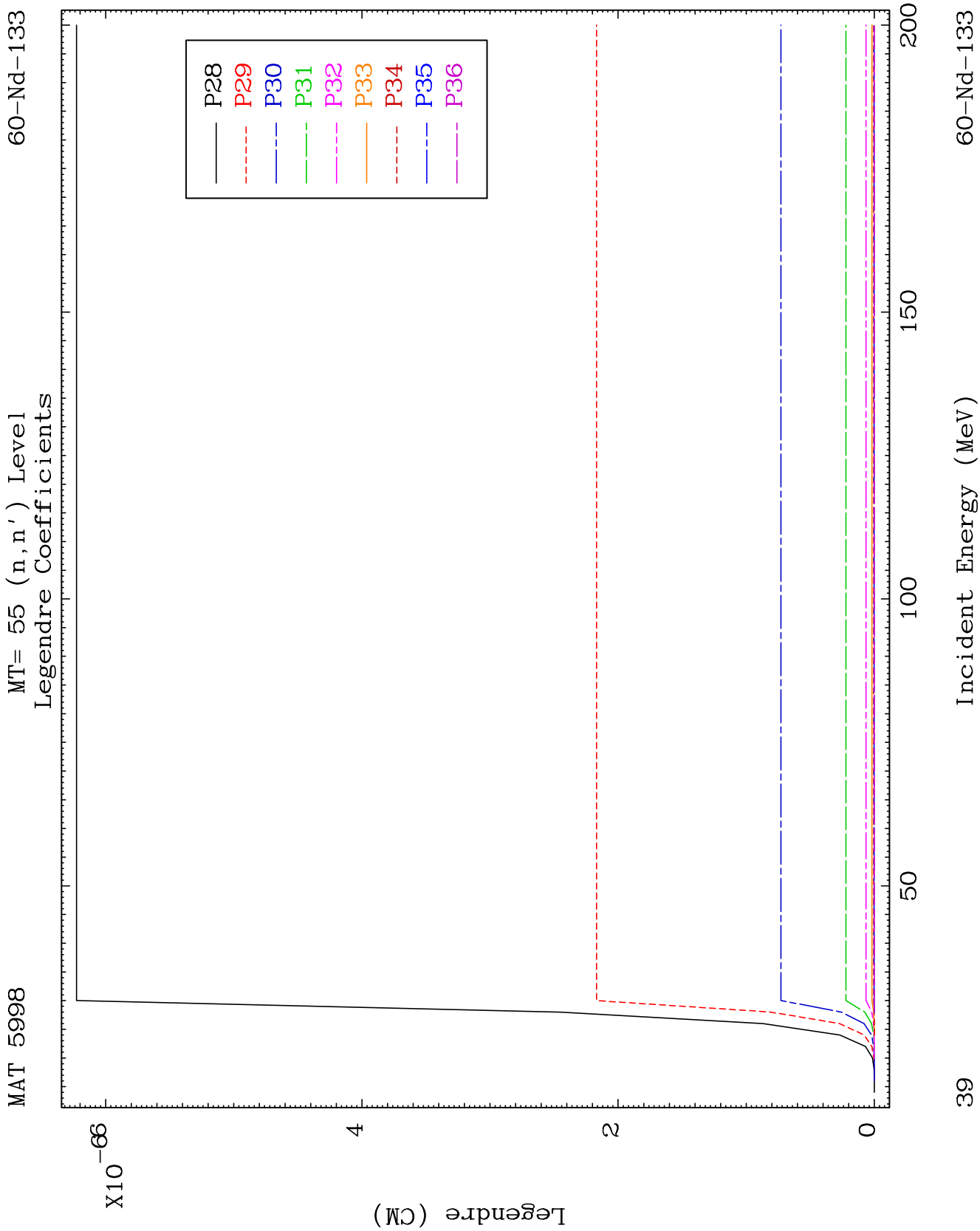


MAT 5998

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

60-Nd-133

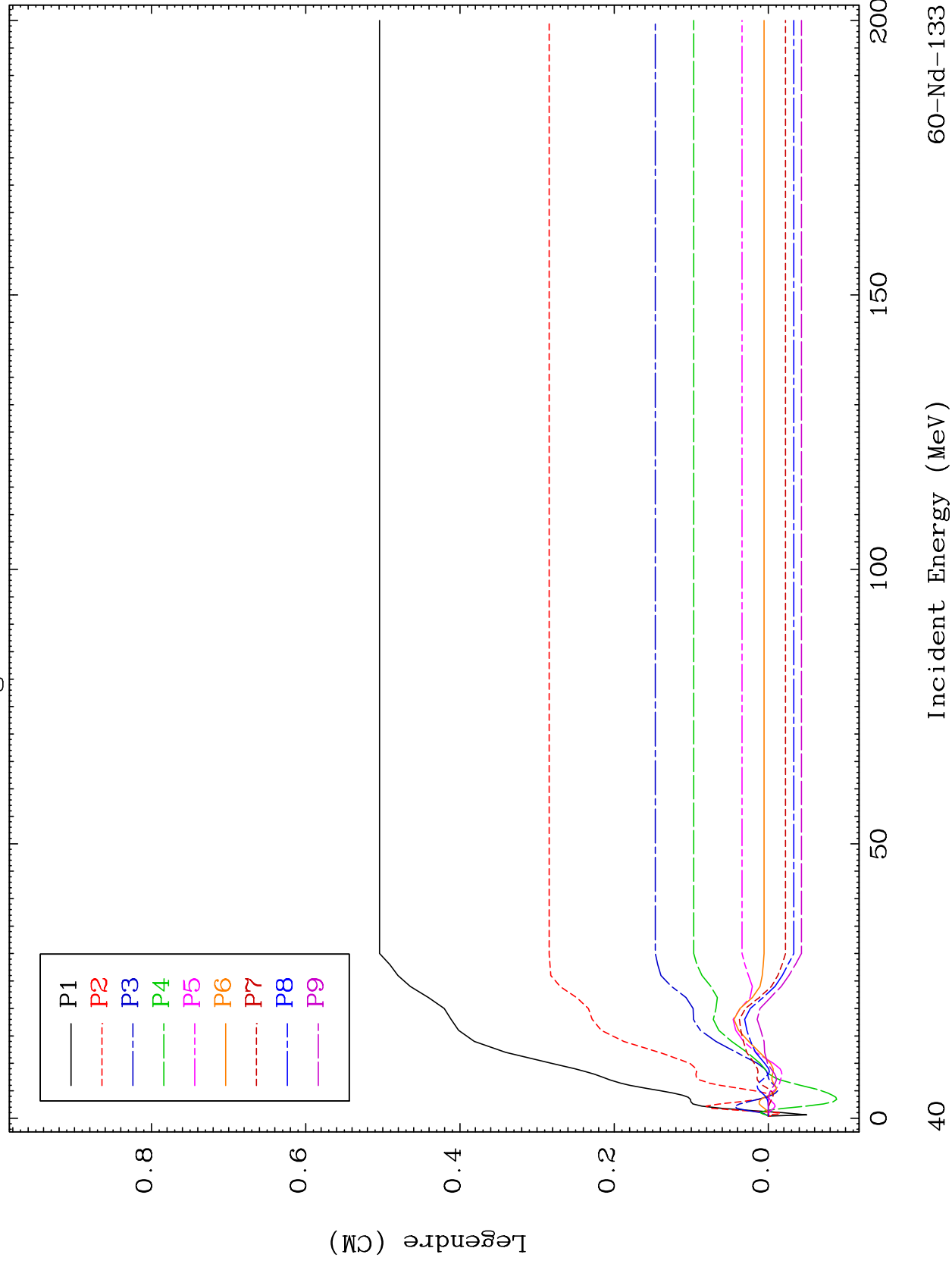


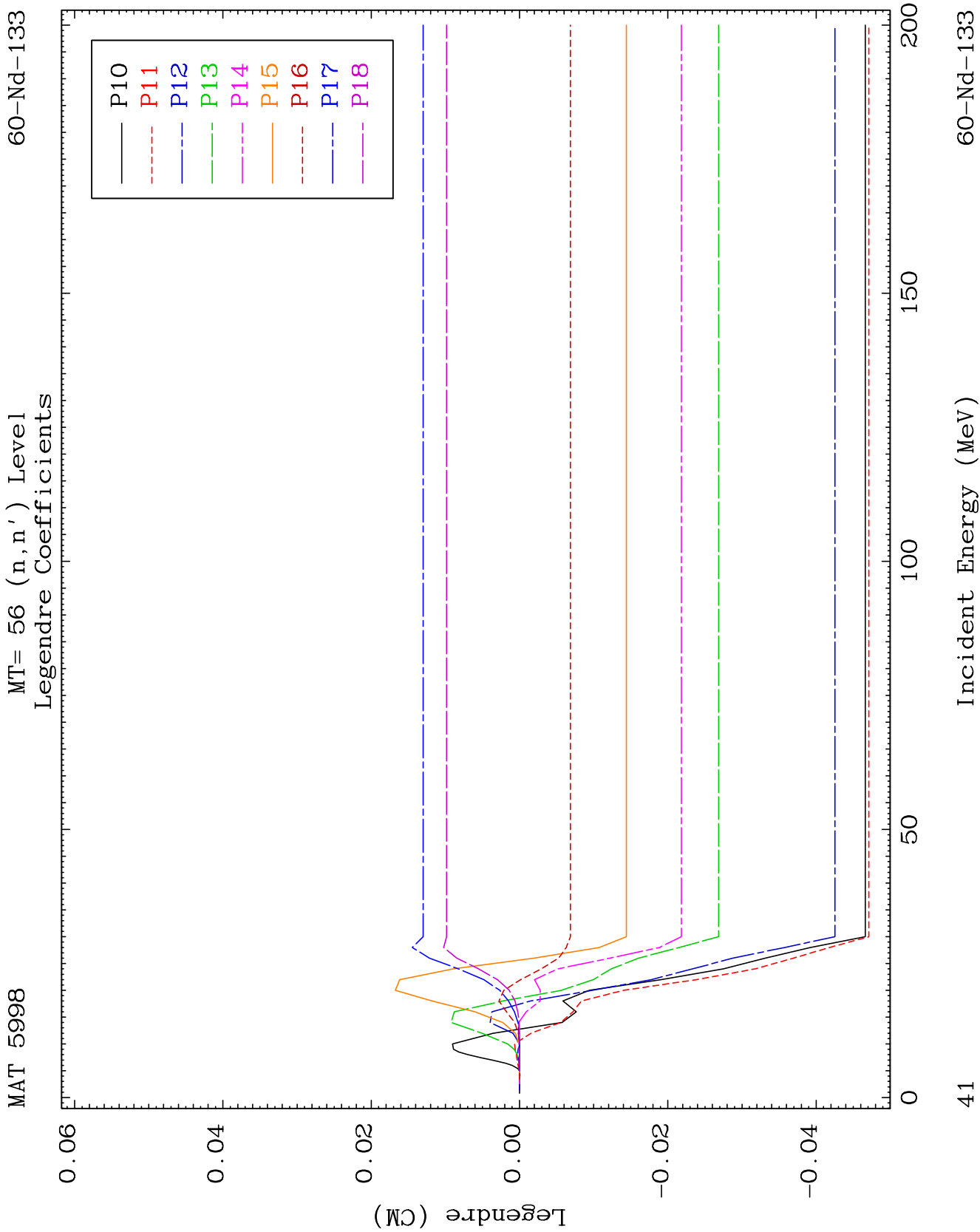


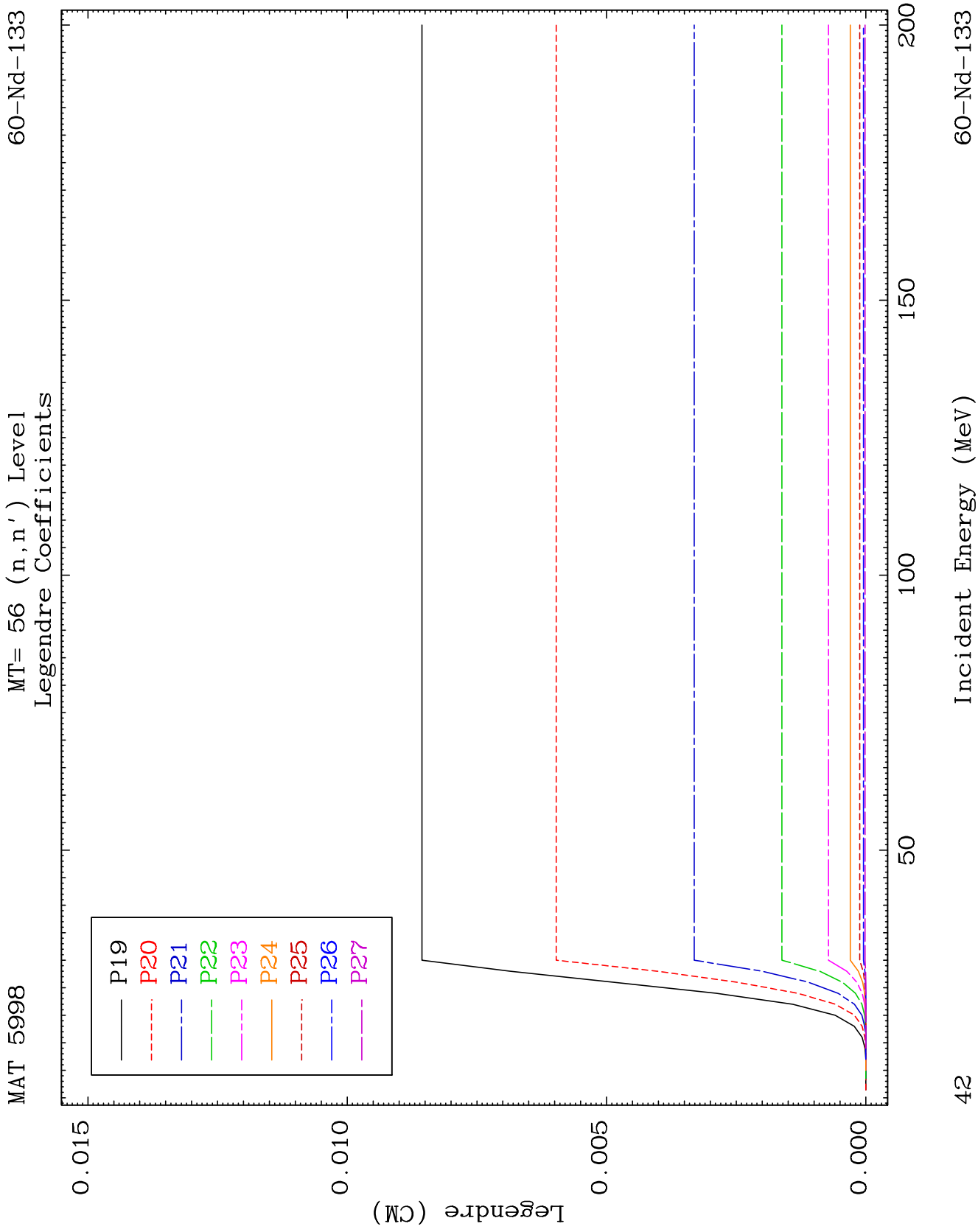
MAT 5998

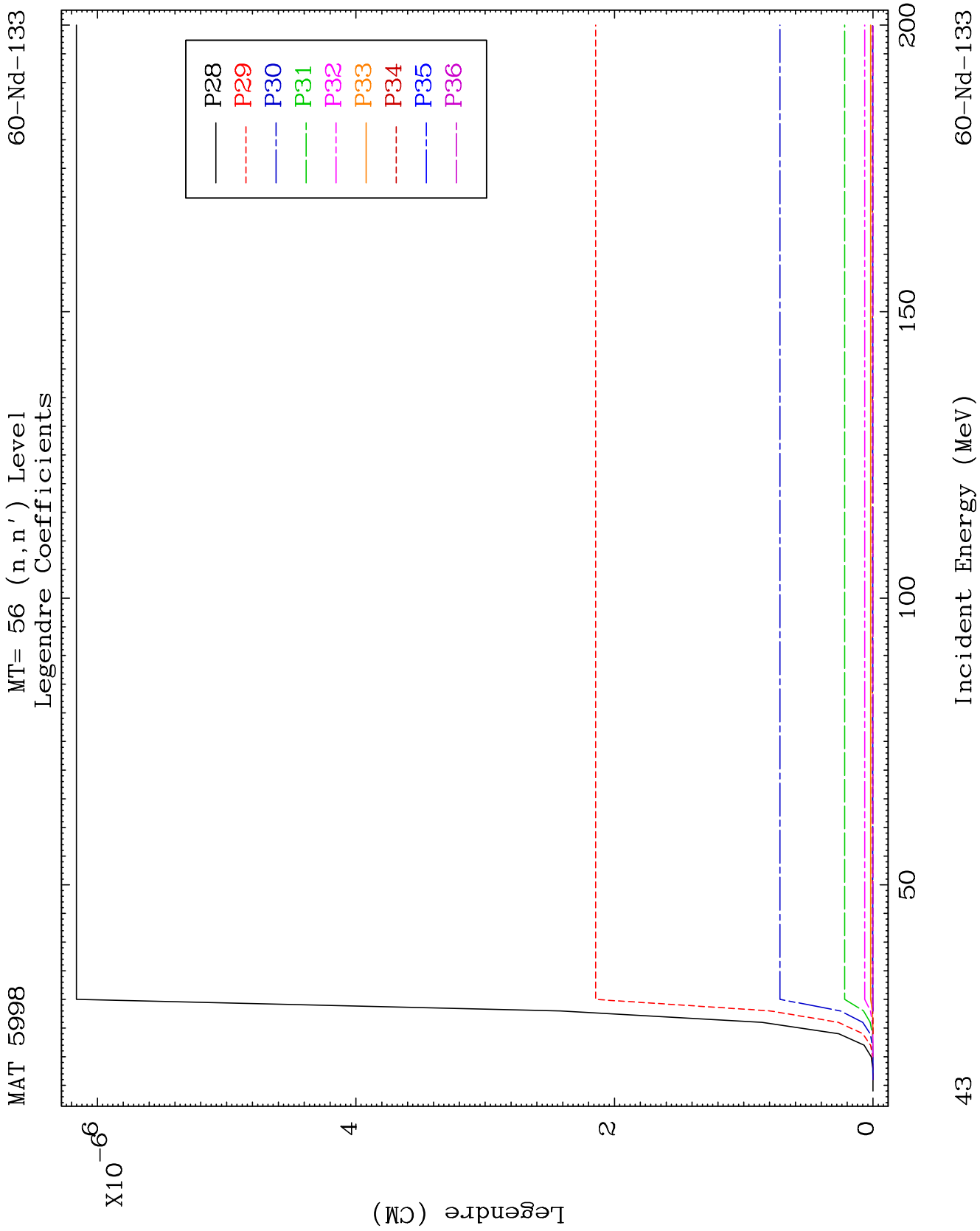
MT= 56 (n, n') Level
Legendre Coefficients

60-Nd-133





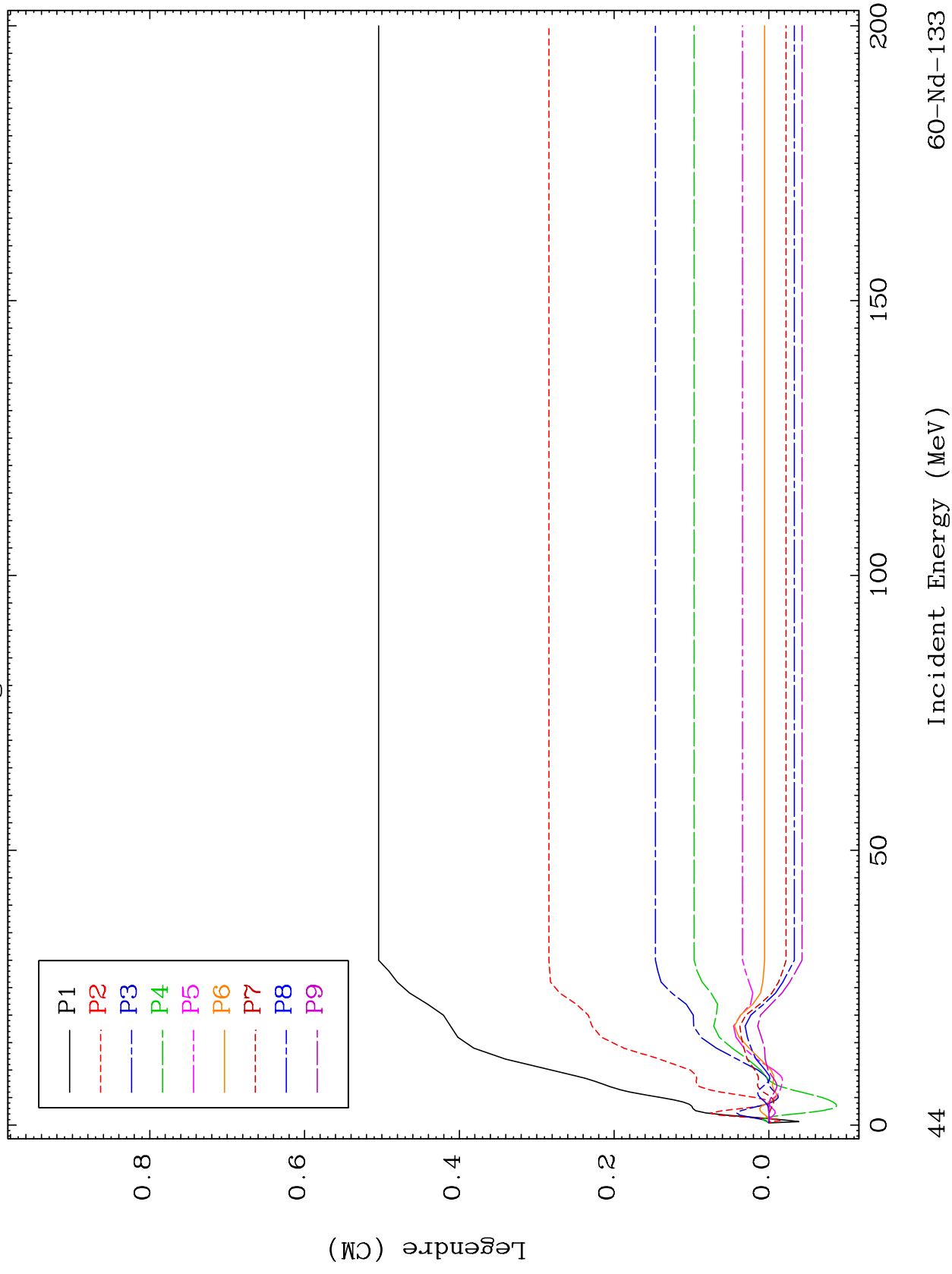




MAT 5998

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

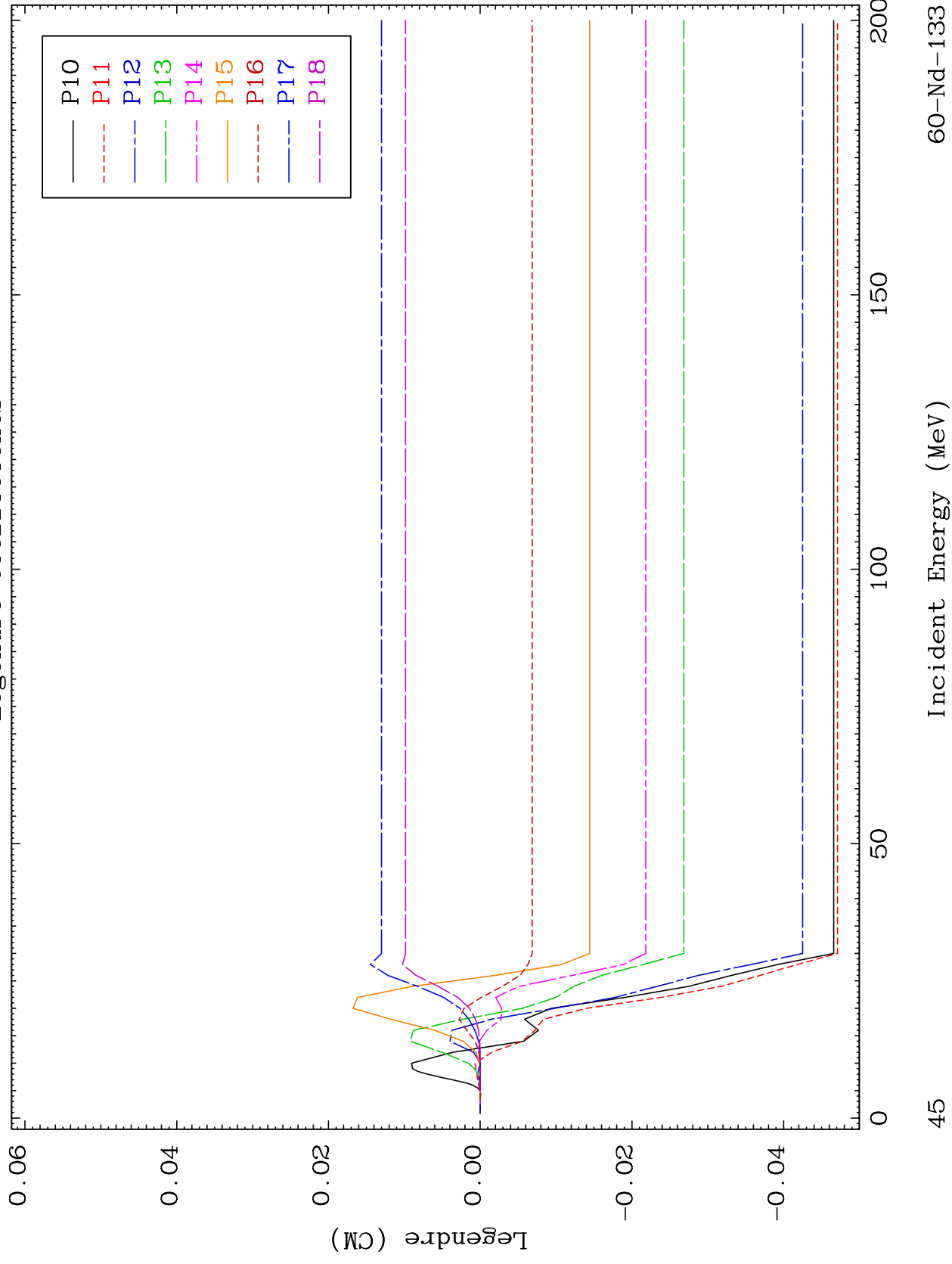
60-Nd-133



MAT 5998

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

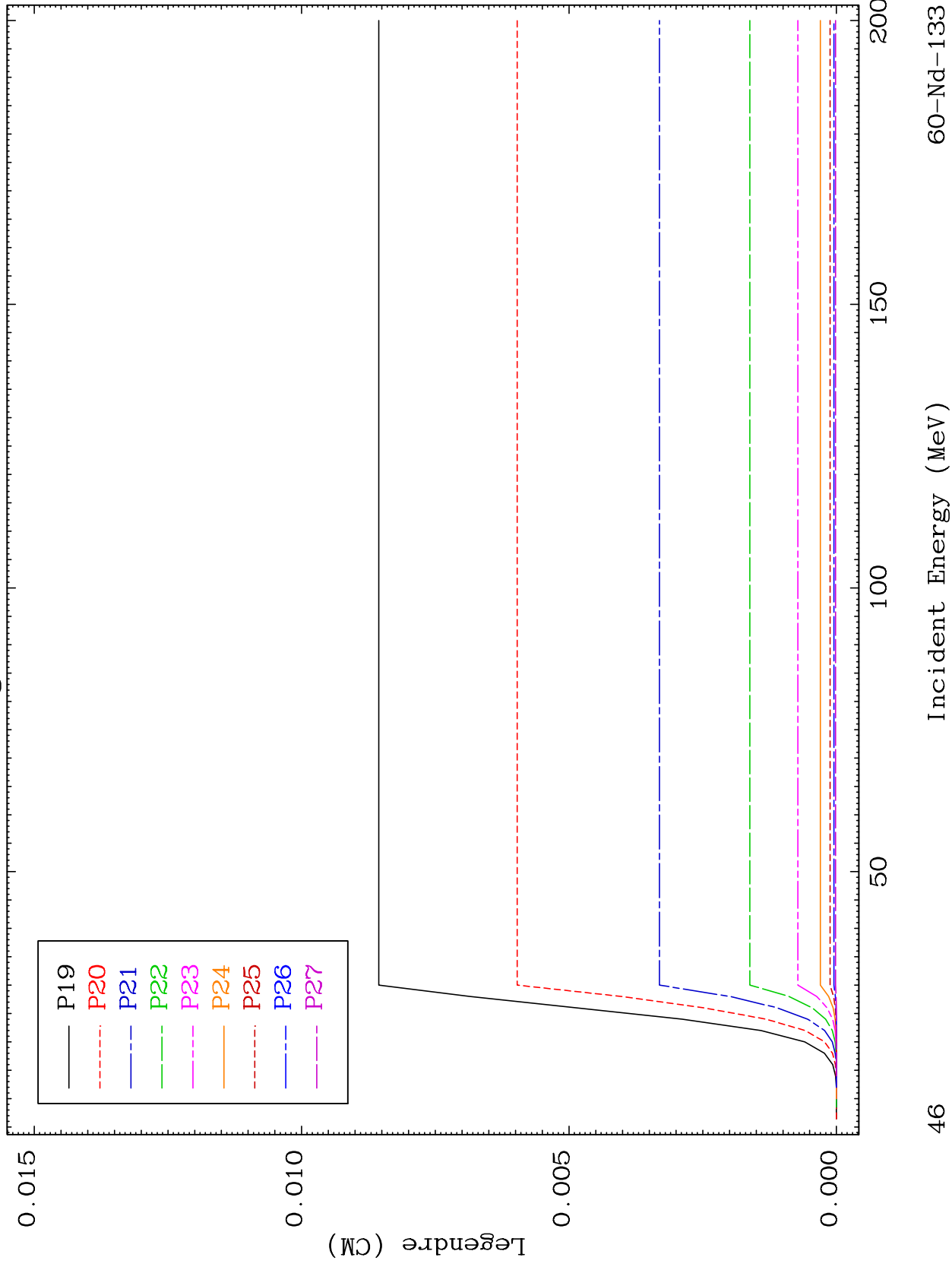
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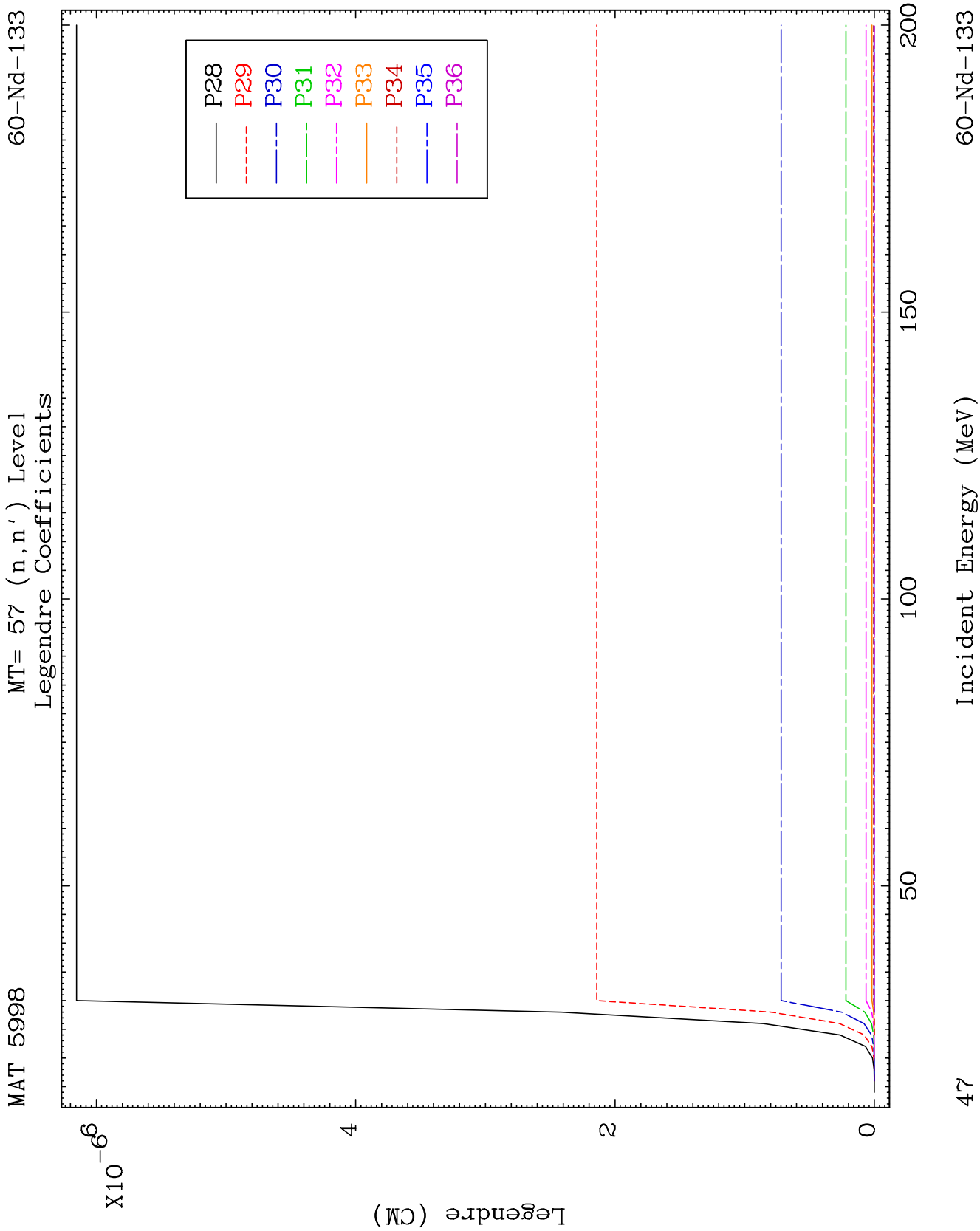


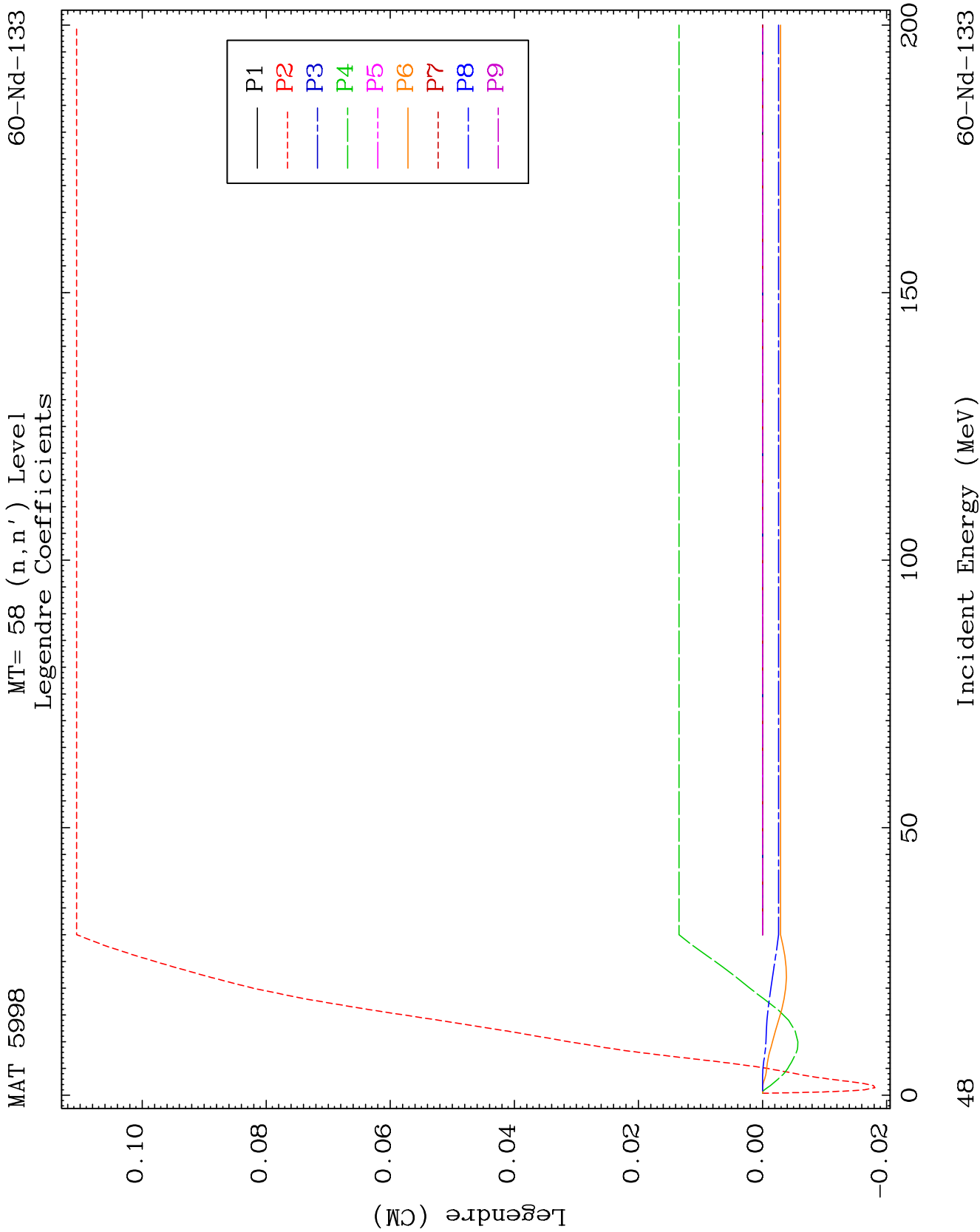
MAT 5998

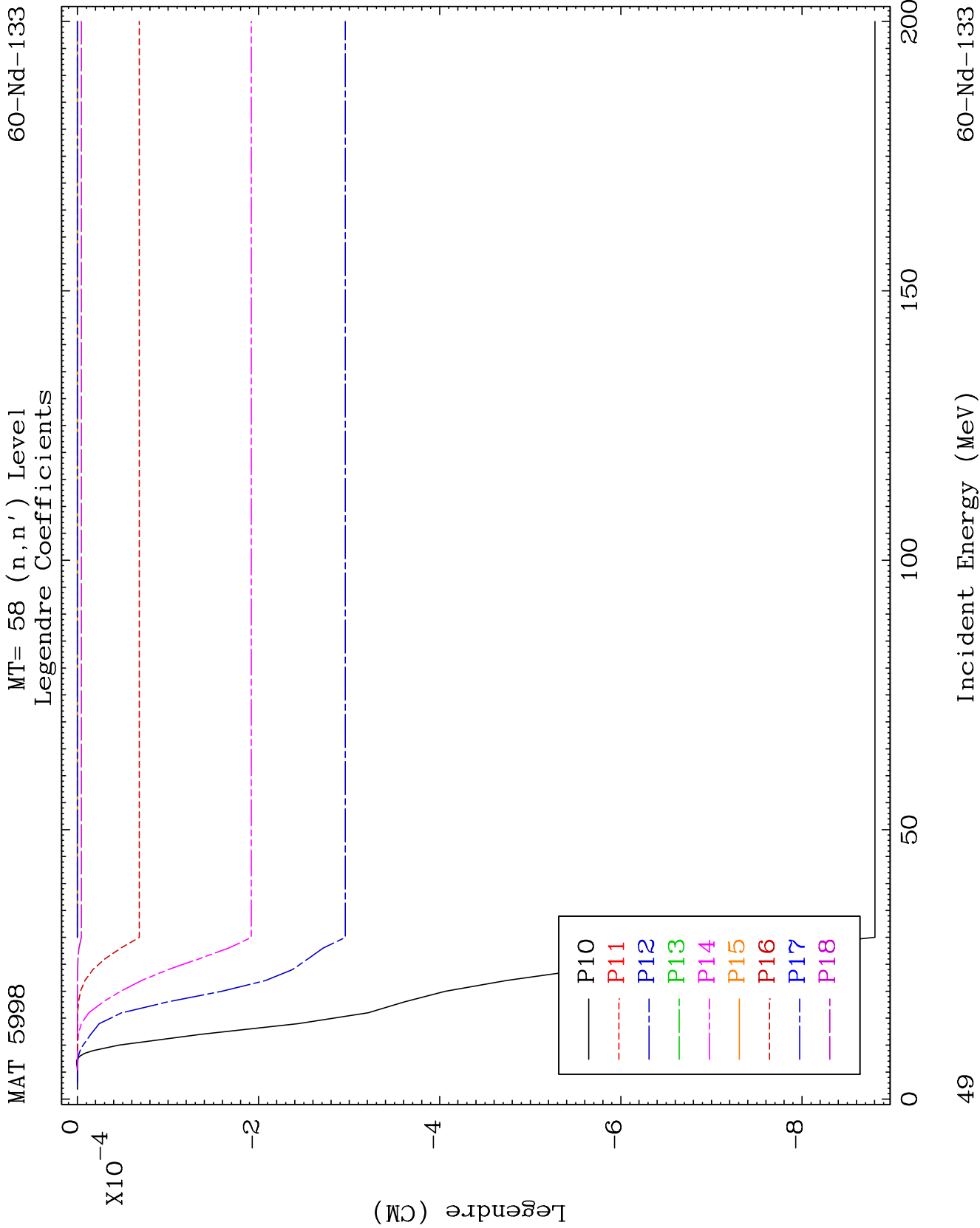
MT= 57 (n, n') Level
Legendre Coefficients

60-Nd-133





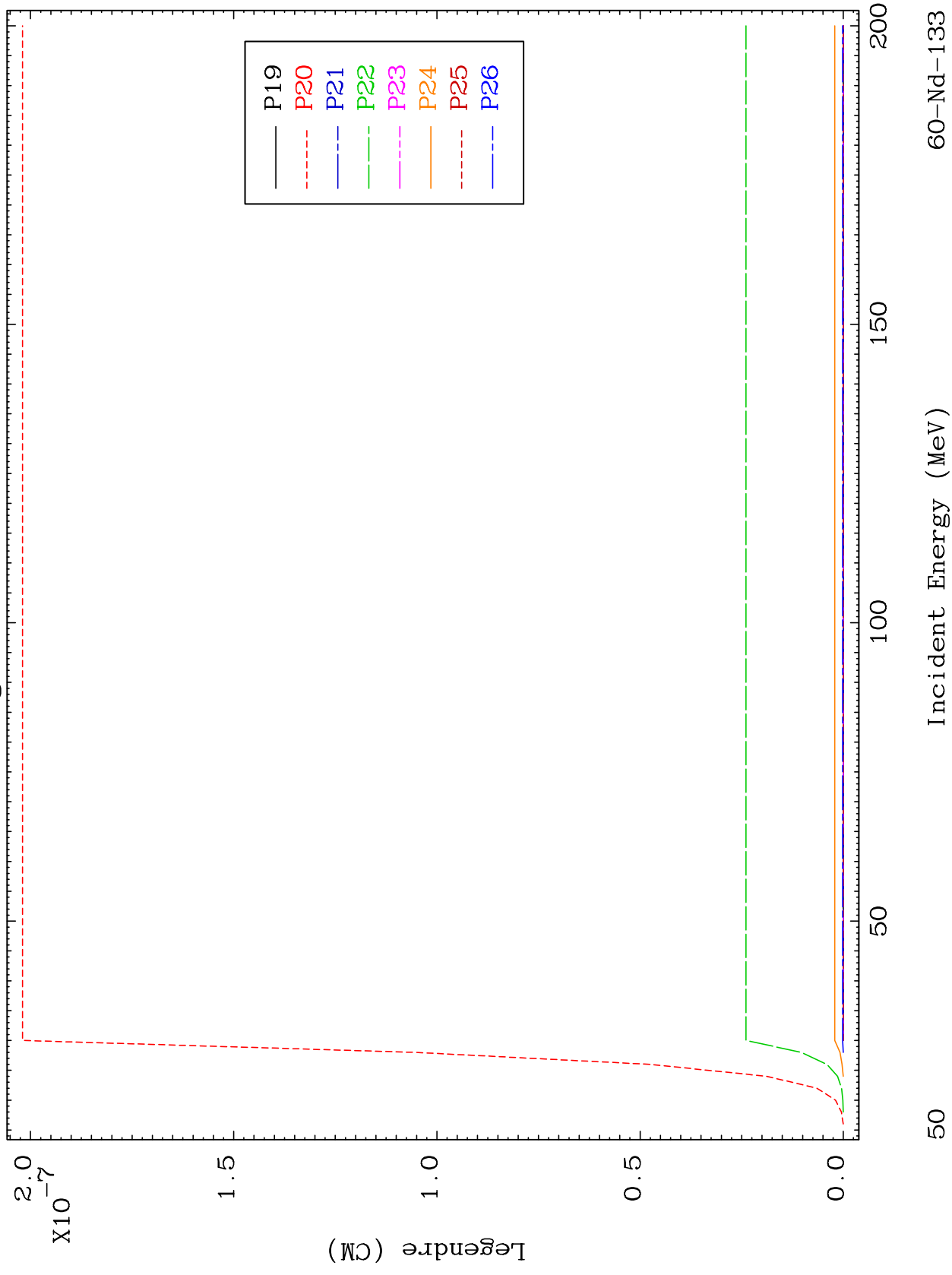


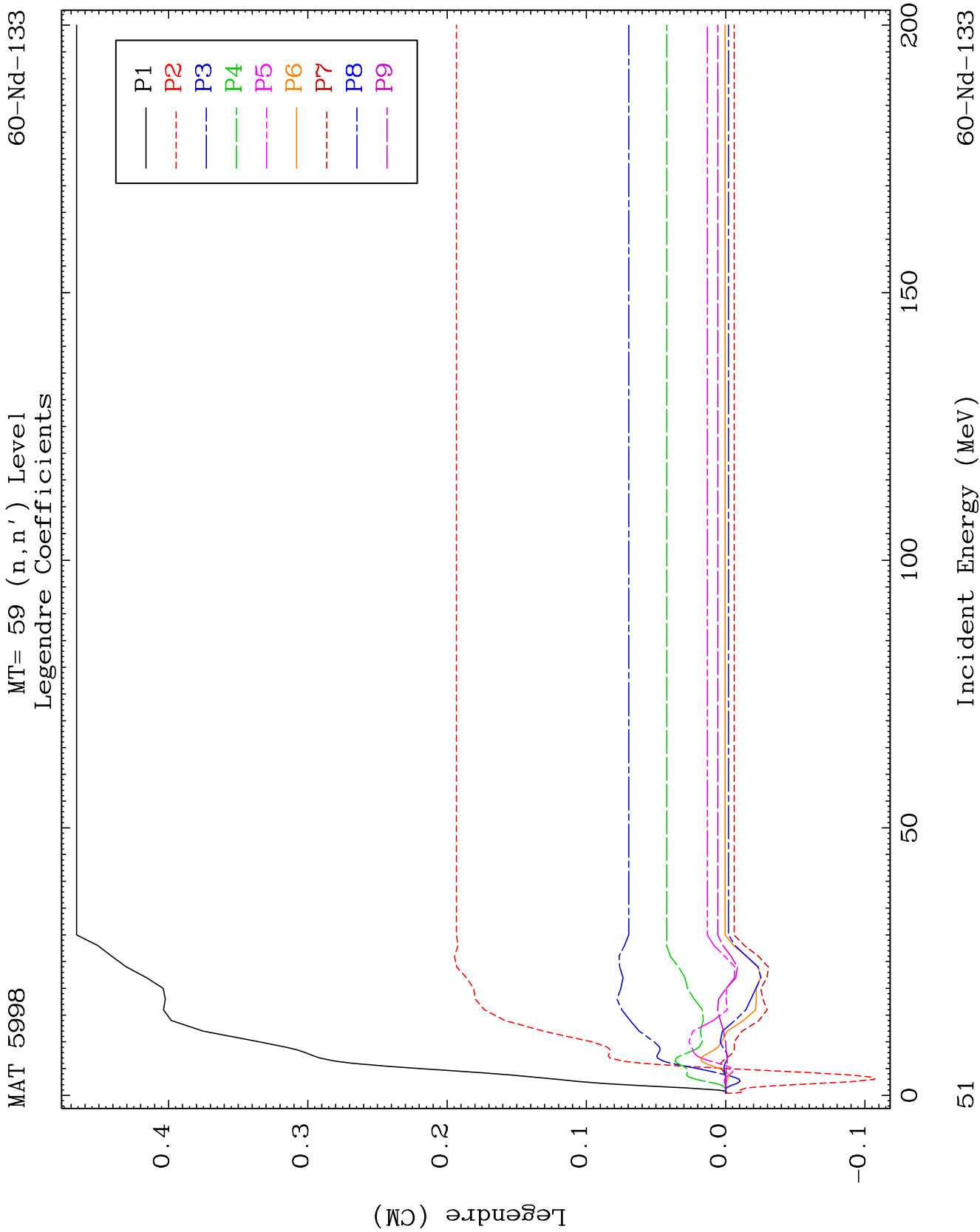


MAT 5998

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

60-Nd-133

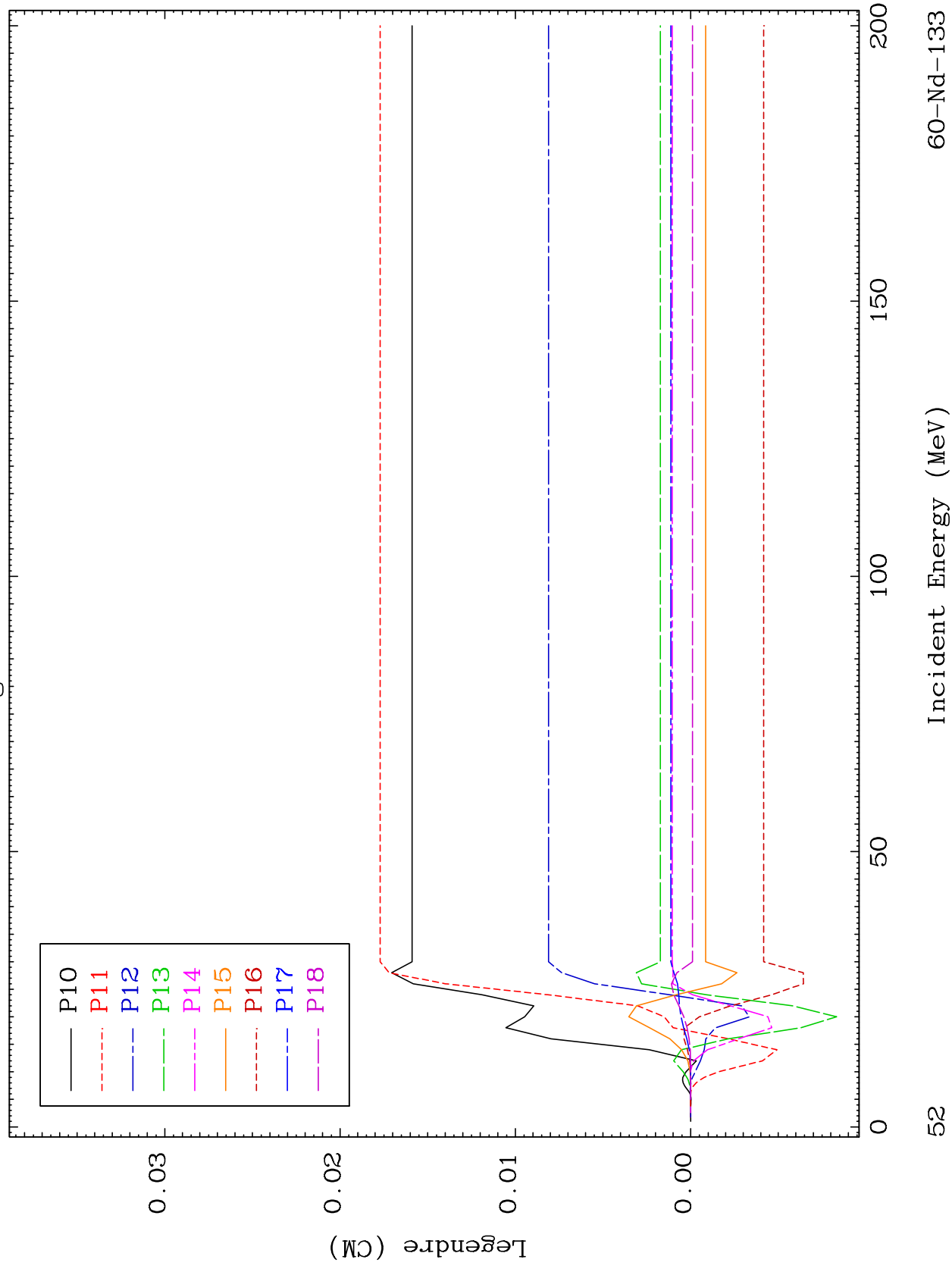


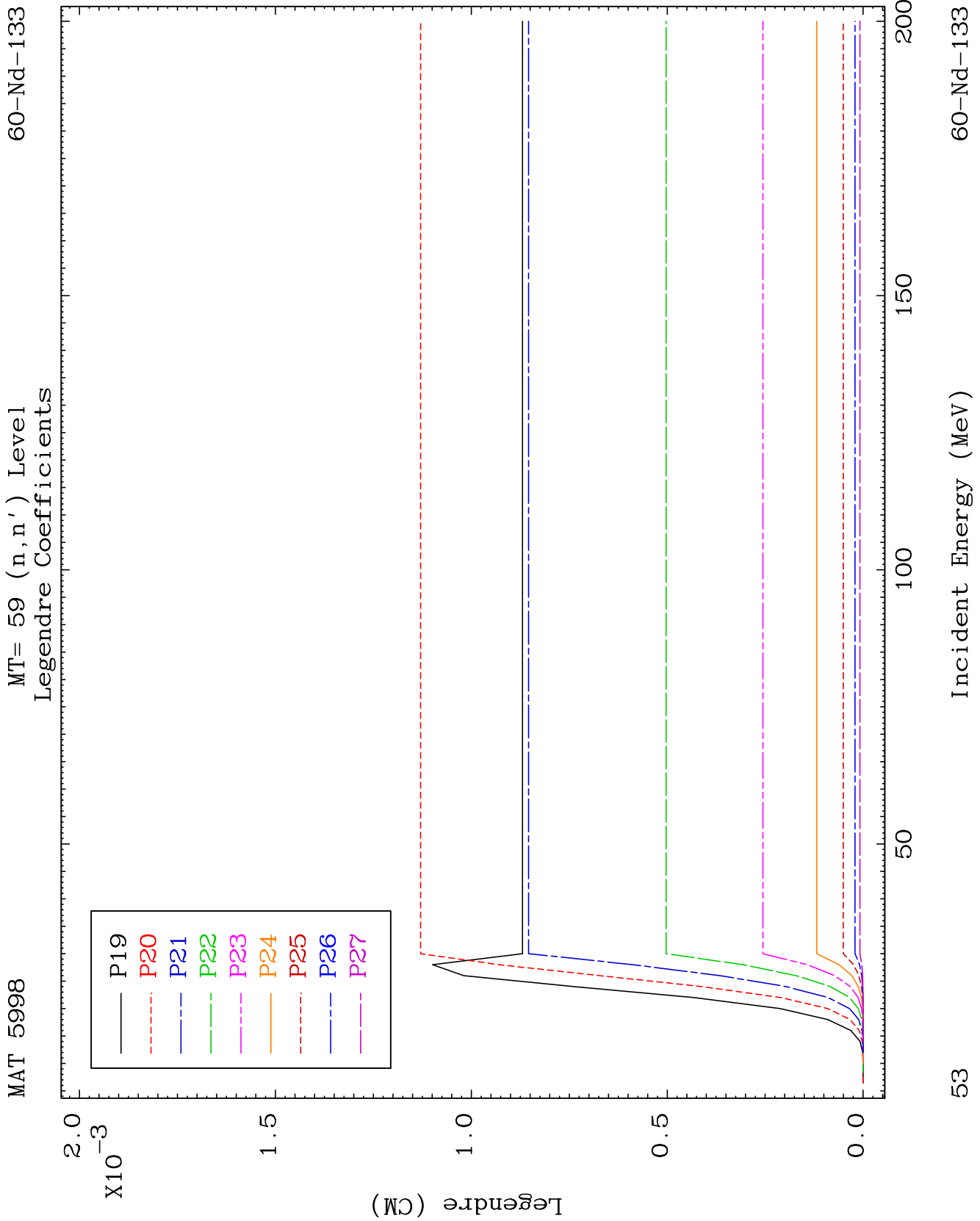


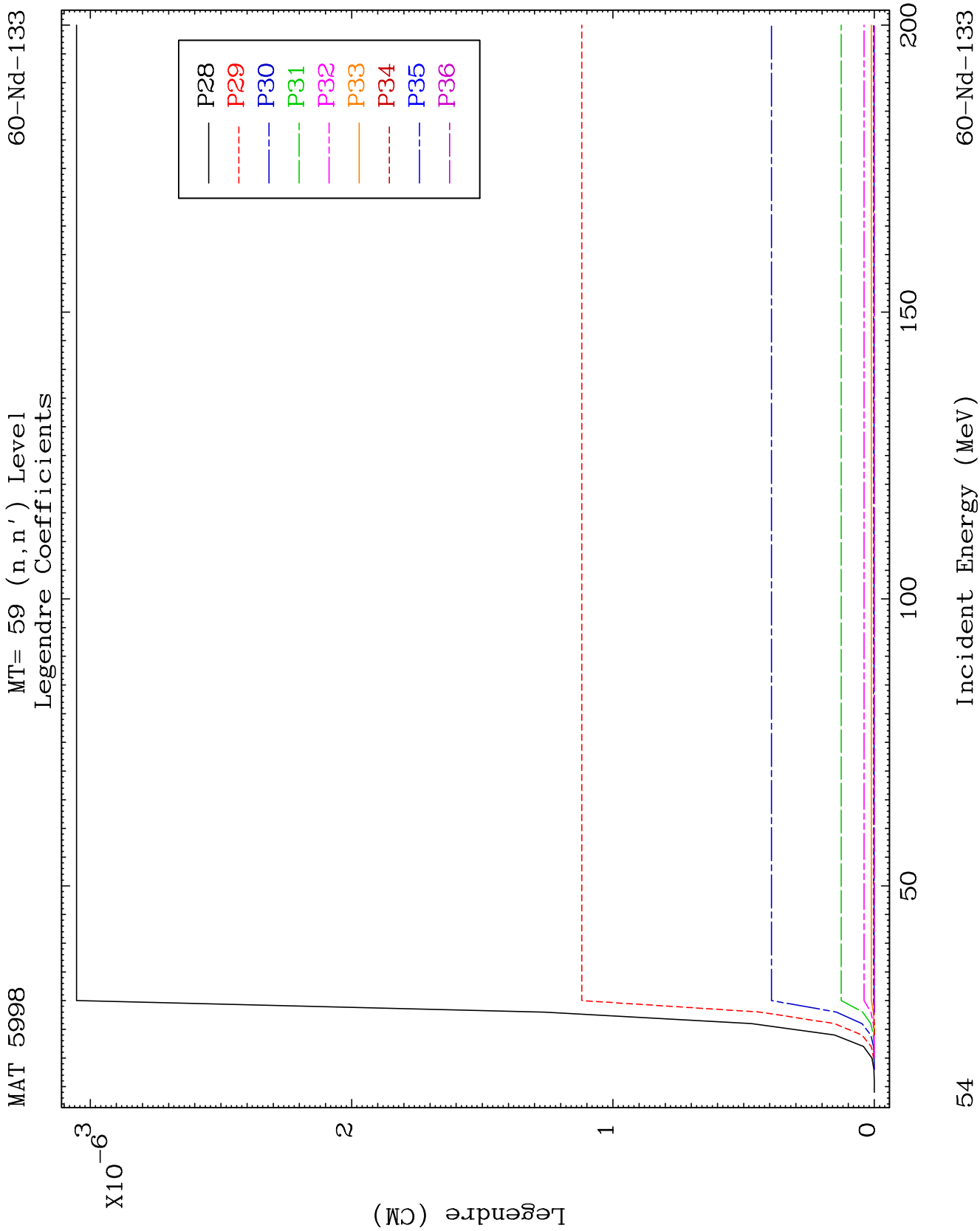
MAT 5998

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

60-Nd-133



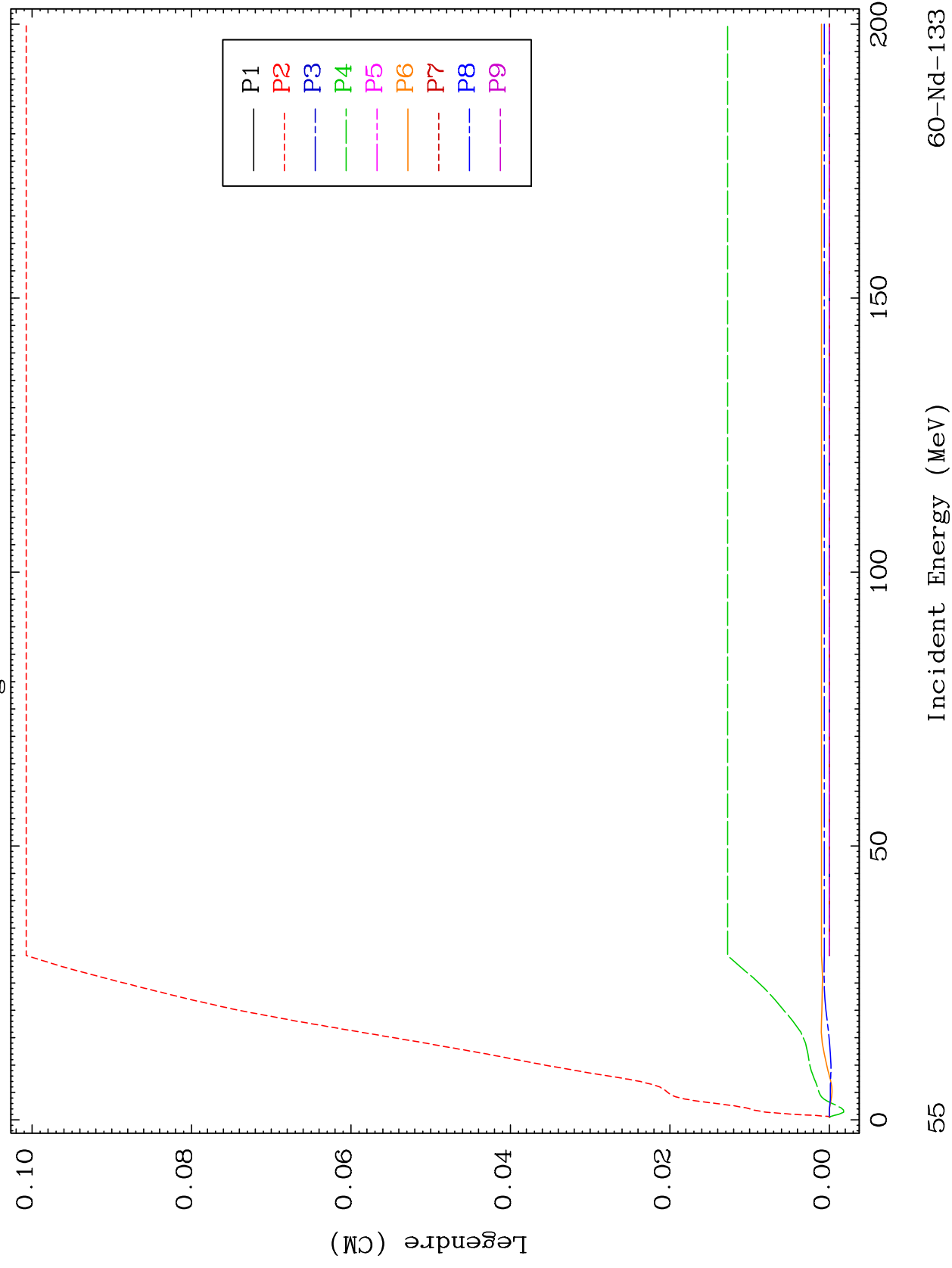


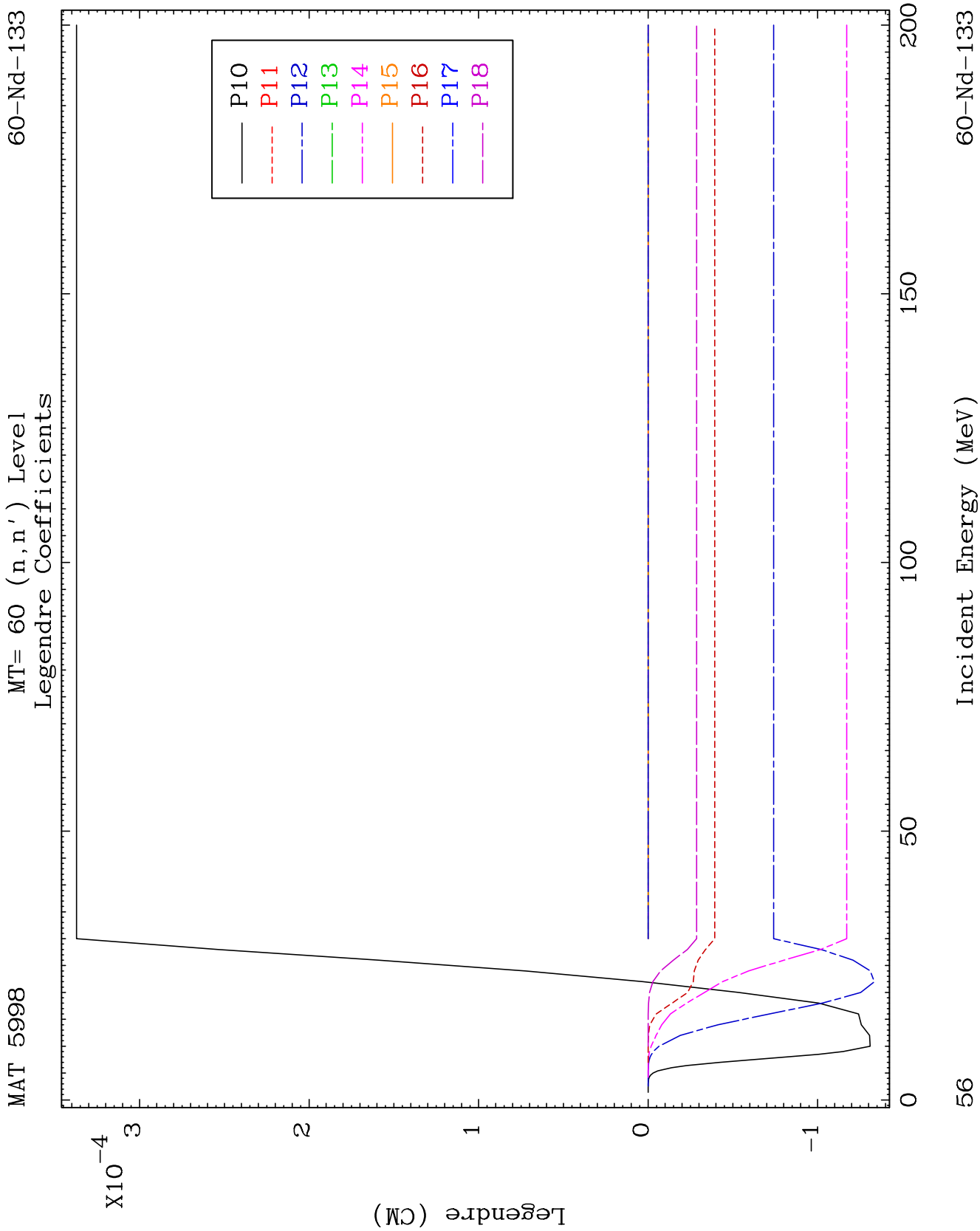


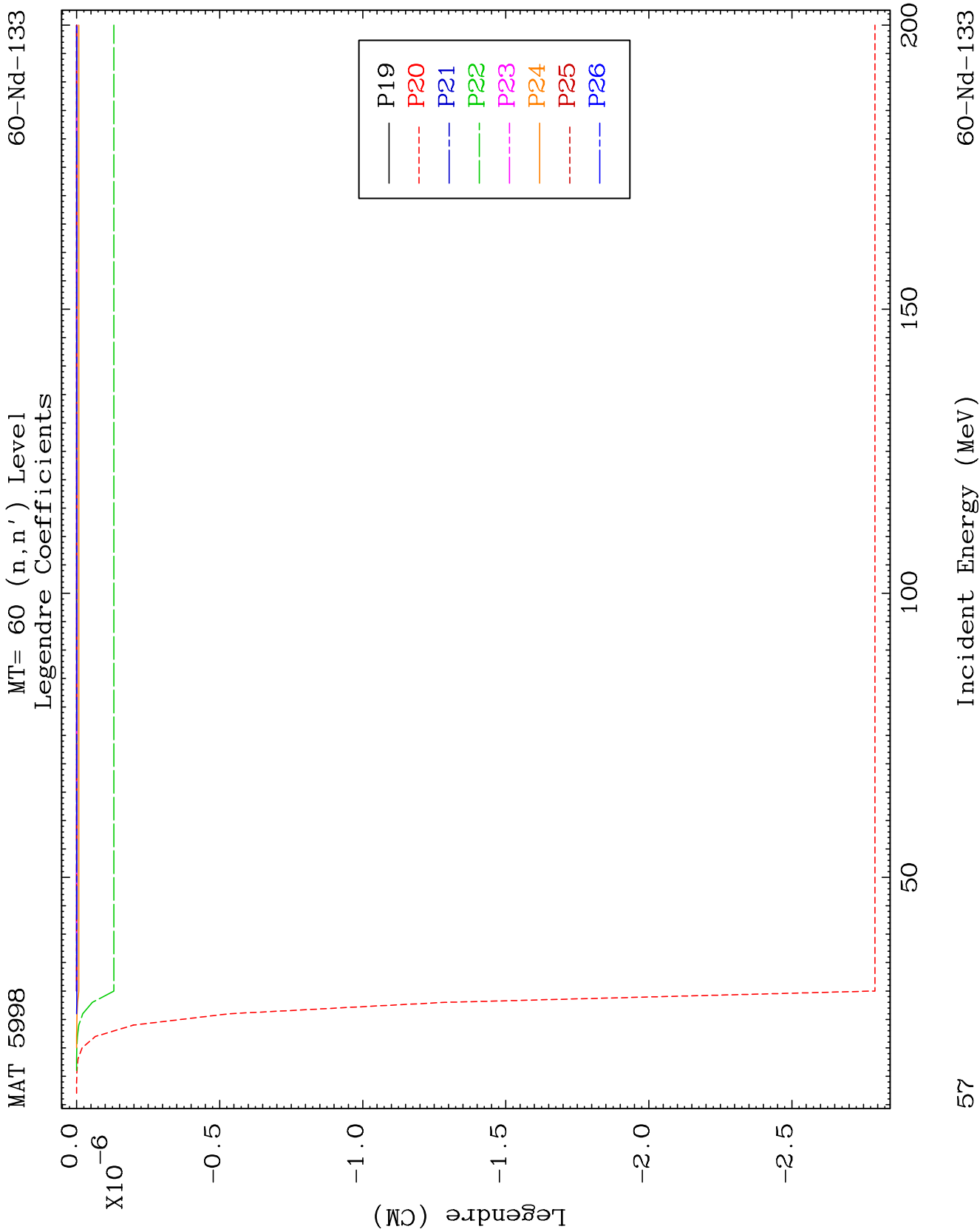
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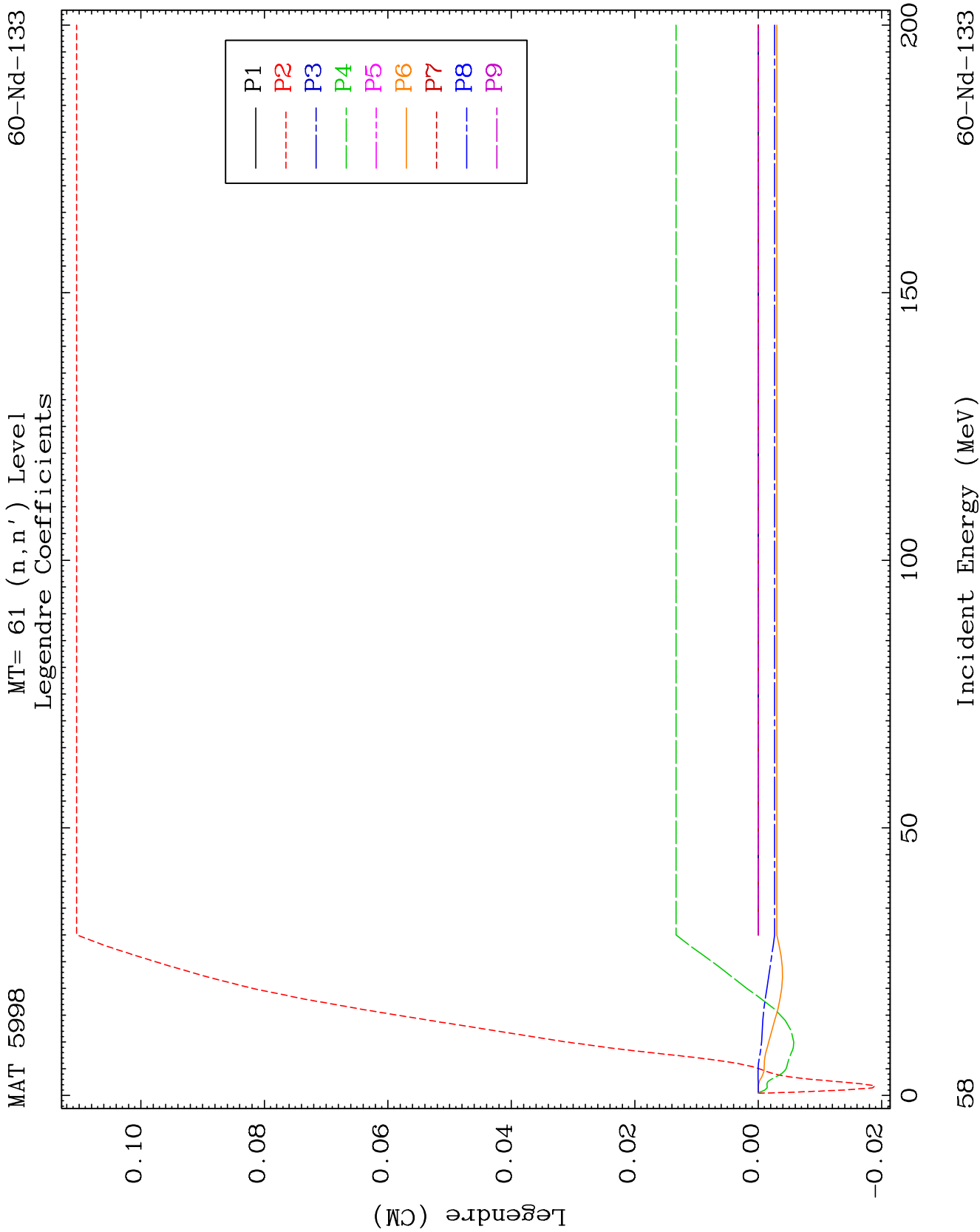
MT= 60 (n, n') Level
Legendre Coefficients

60-Nd-133





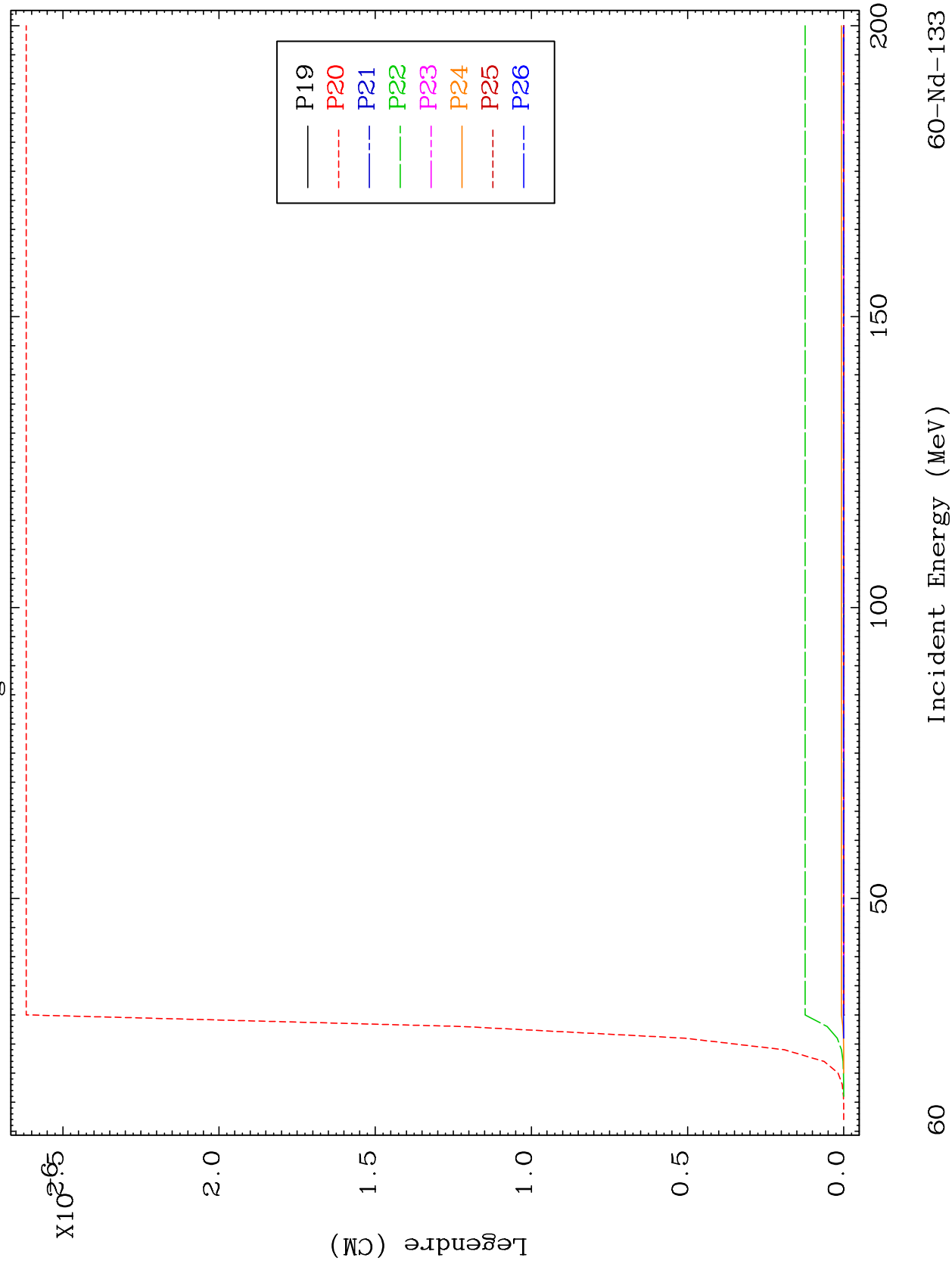




MAT 5998

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

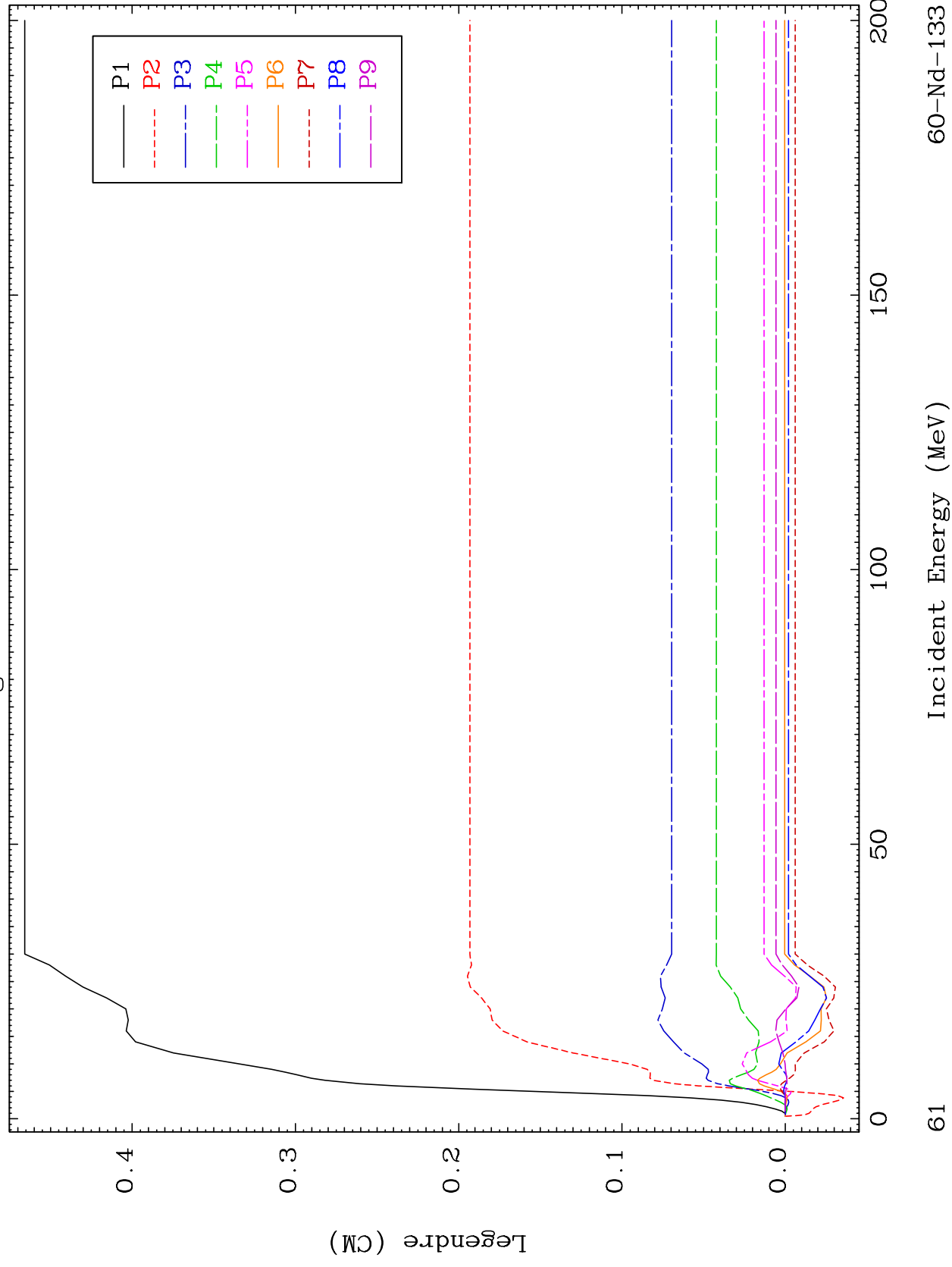
60-Nd-133



MAT 5998

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

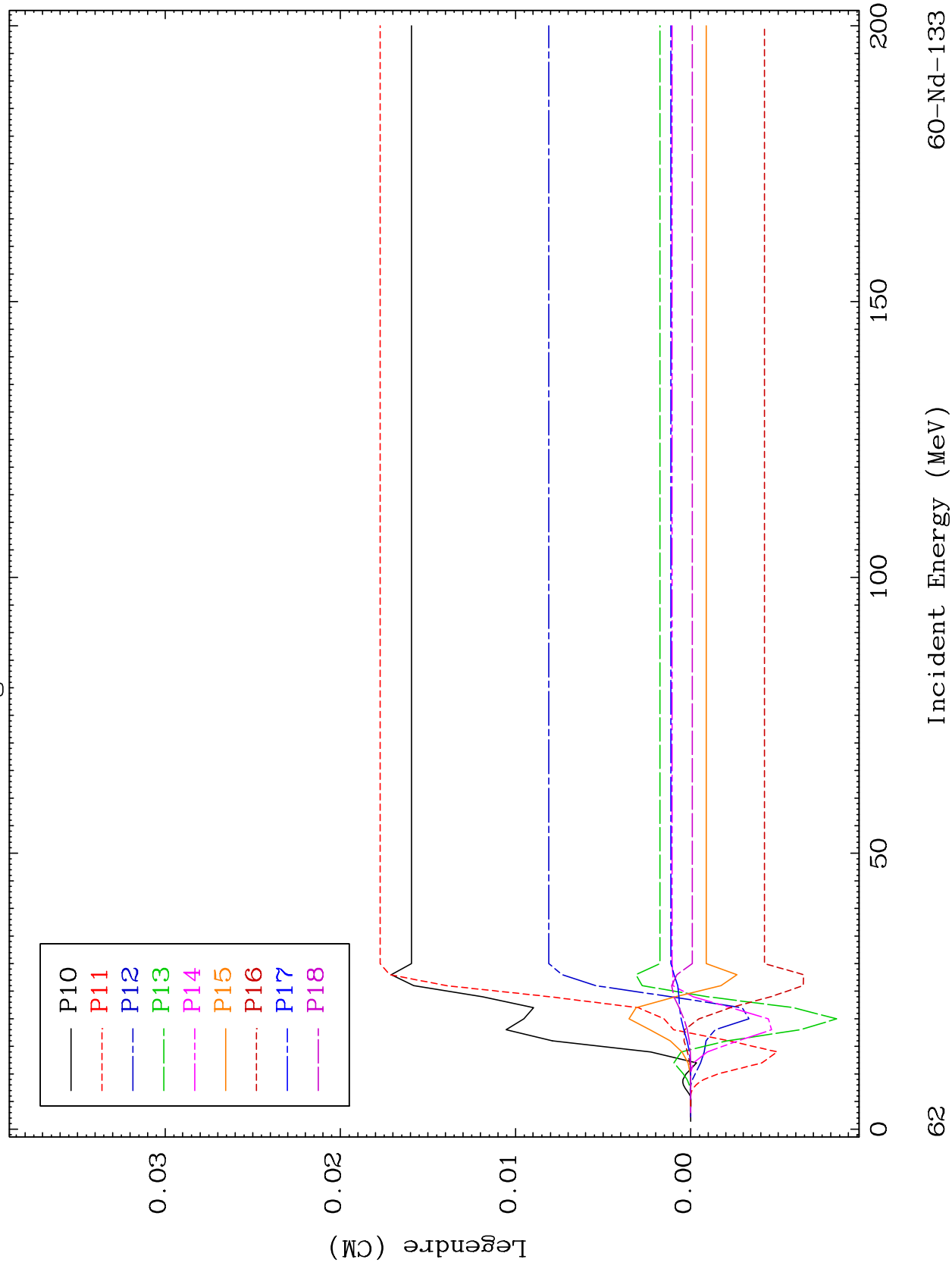
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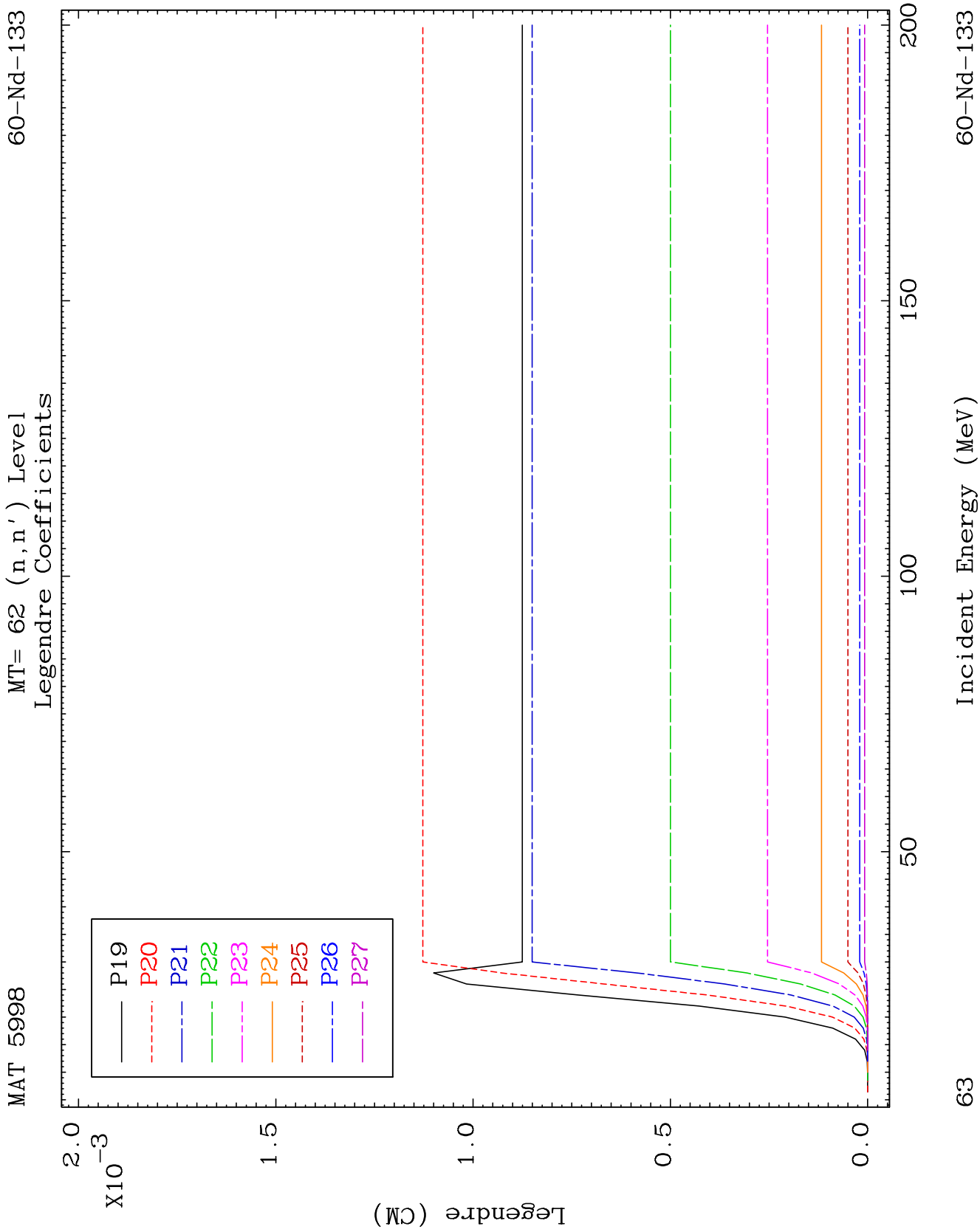


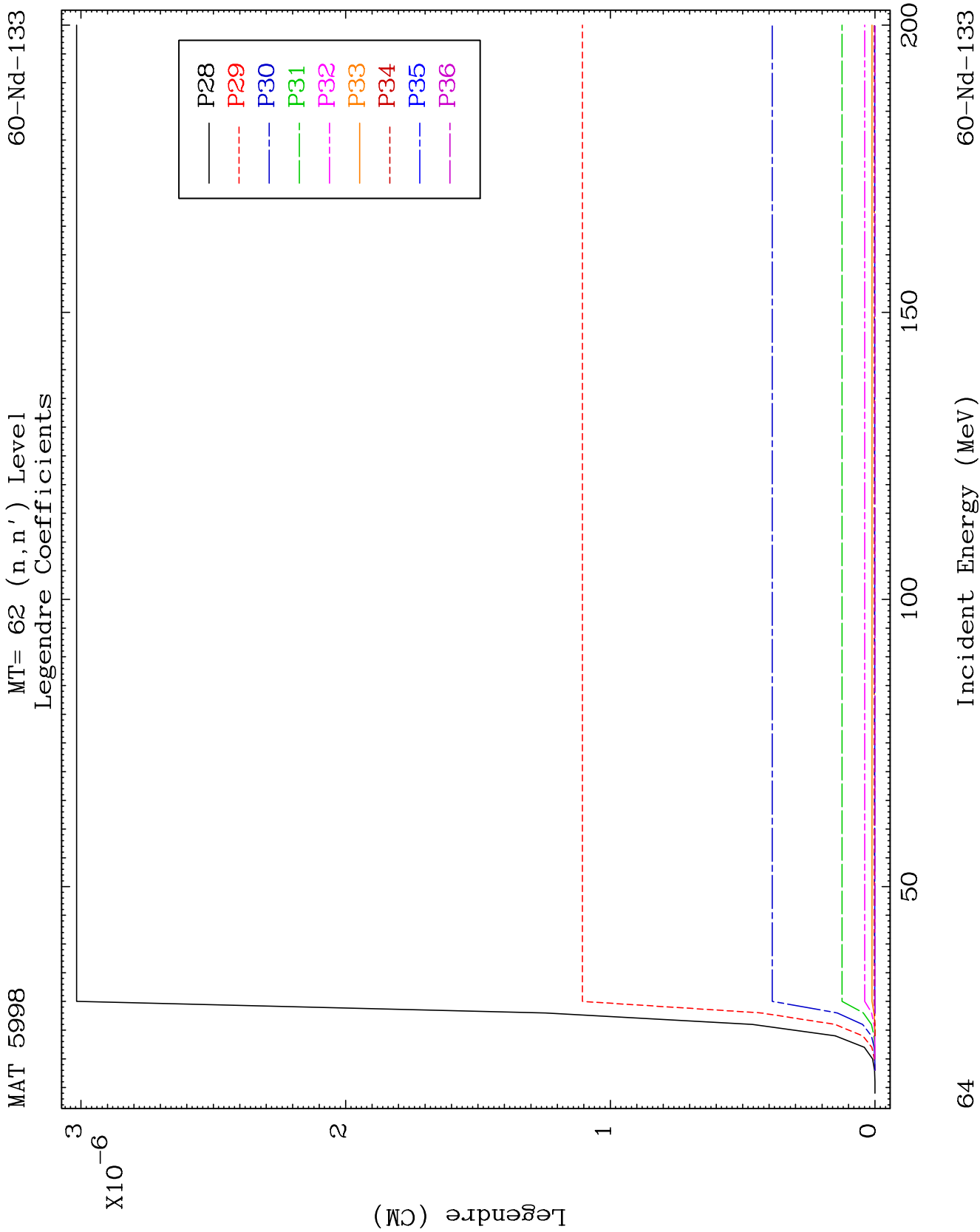
MAT 5998

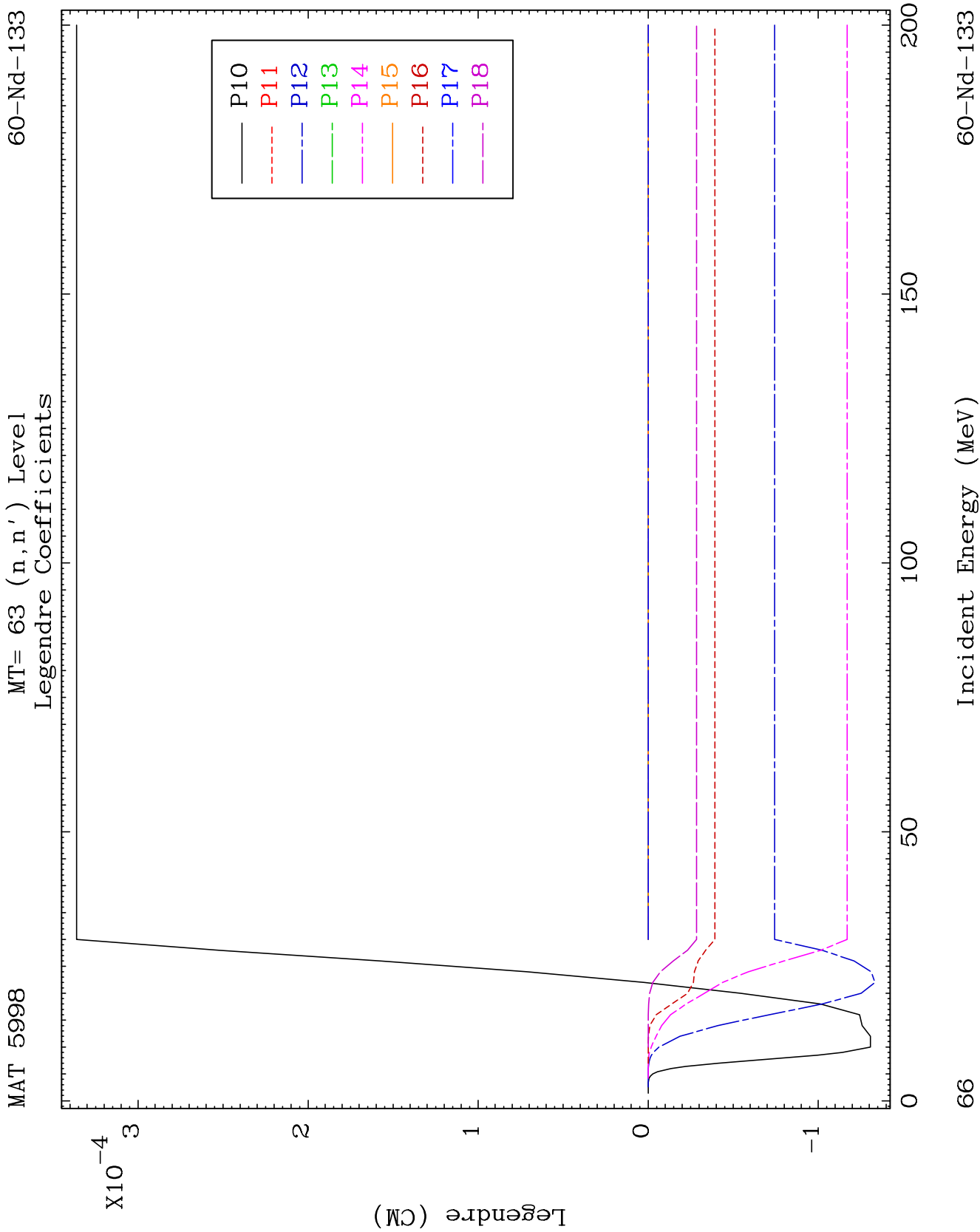
MT= 62 (n, n') Level
Legendre Coefficients

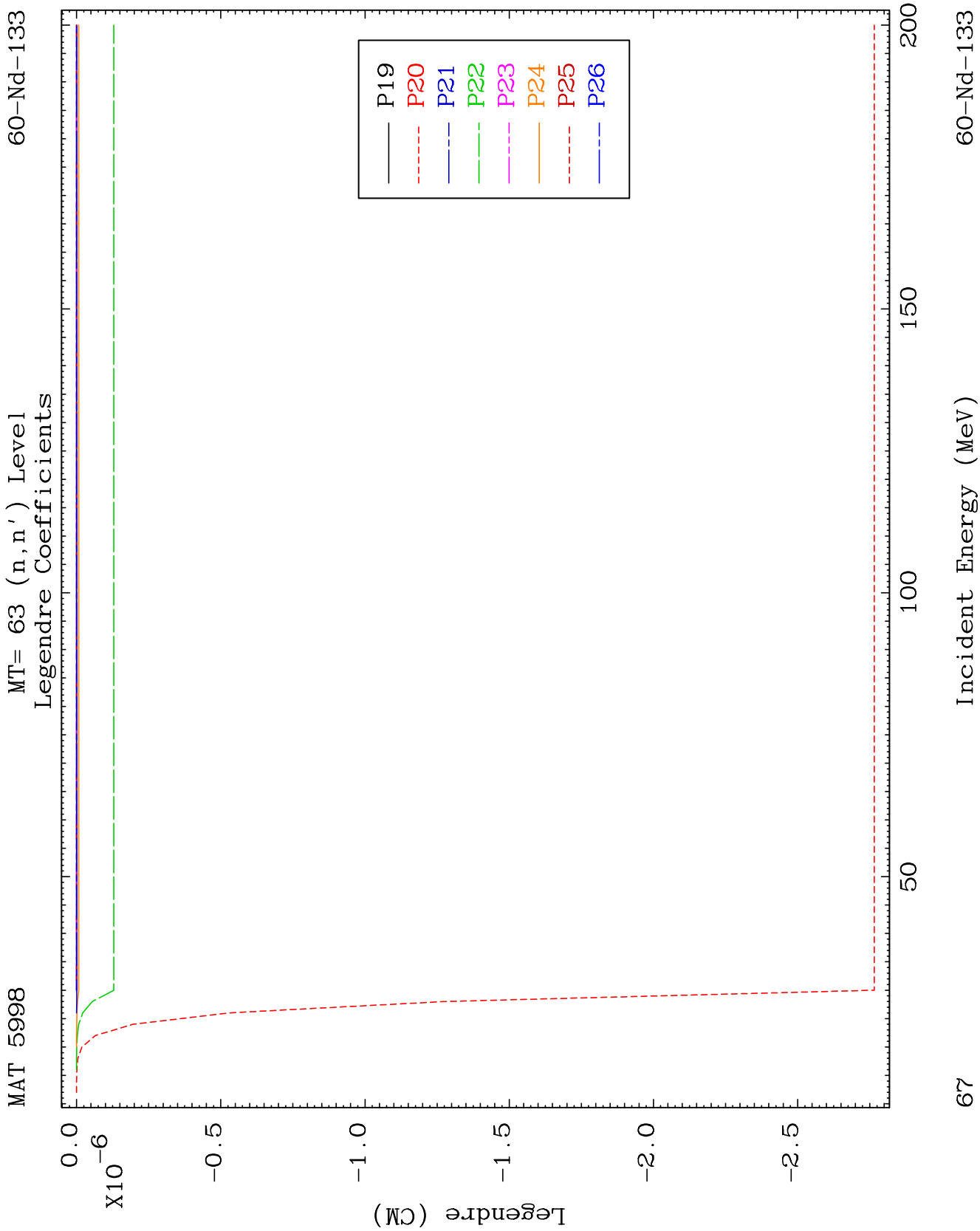
60-Nd-133







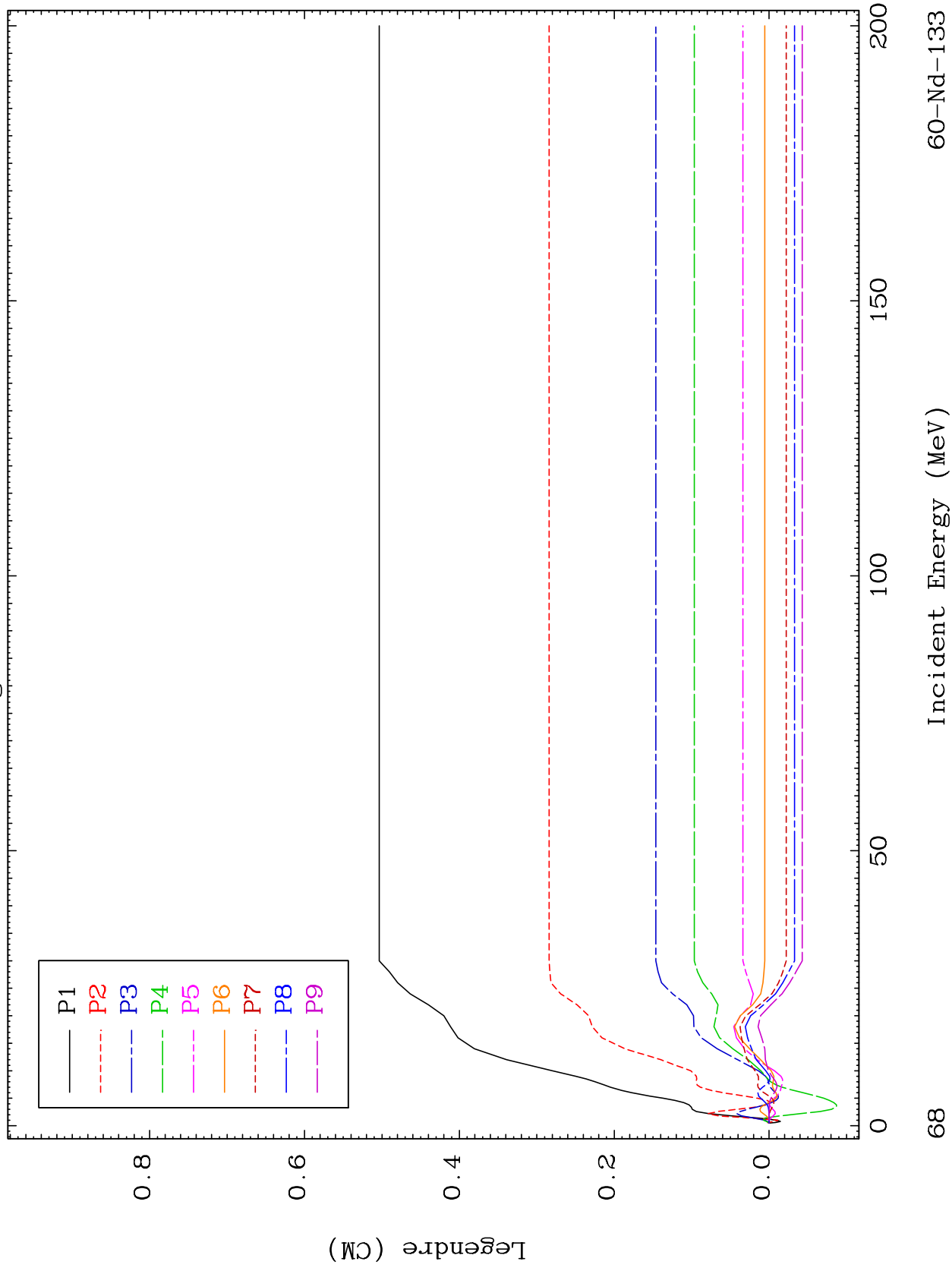




MAT 5998

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

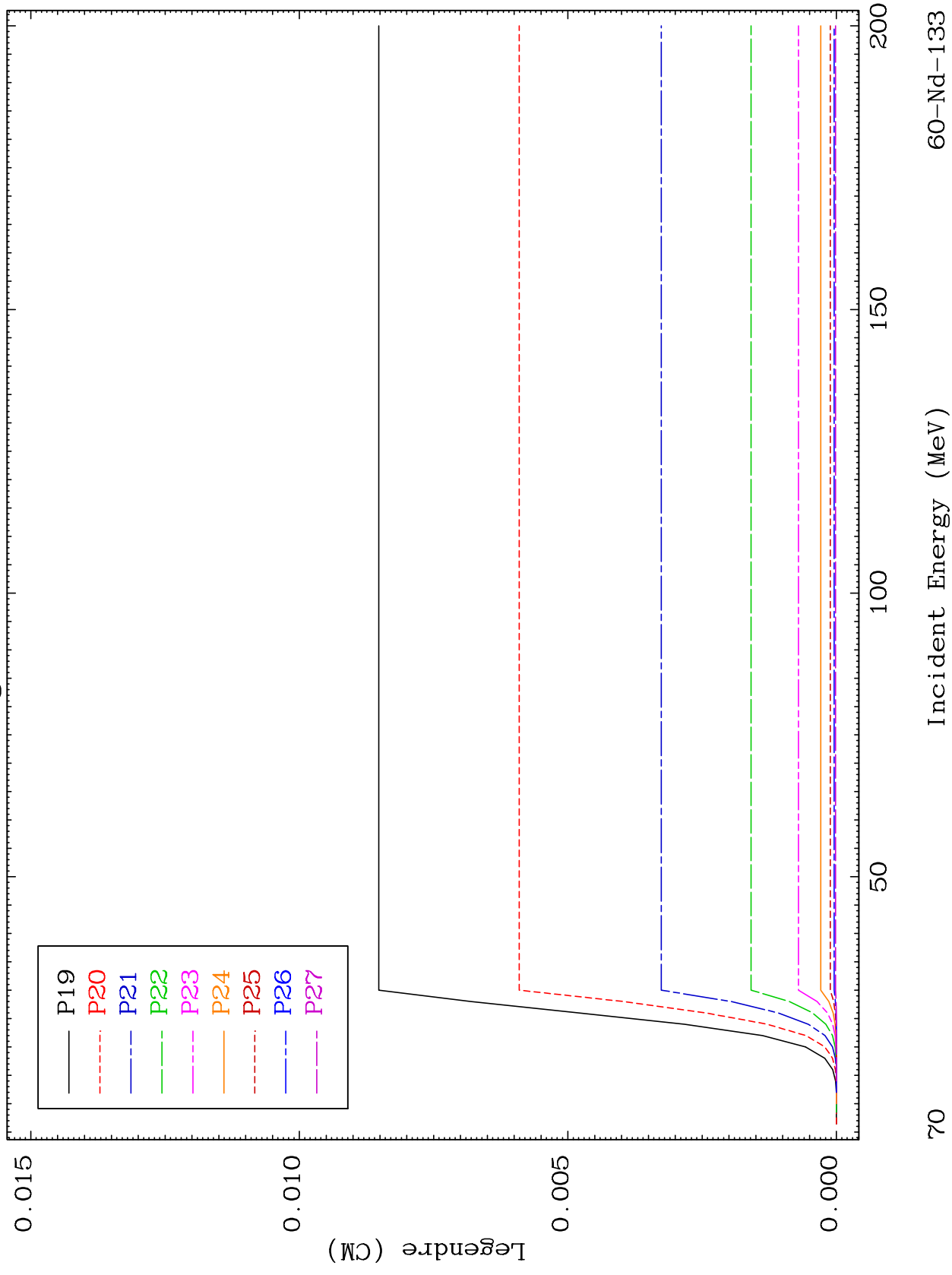
60-Nd-133

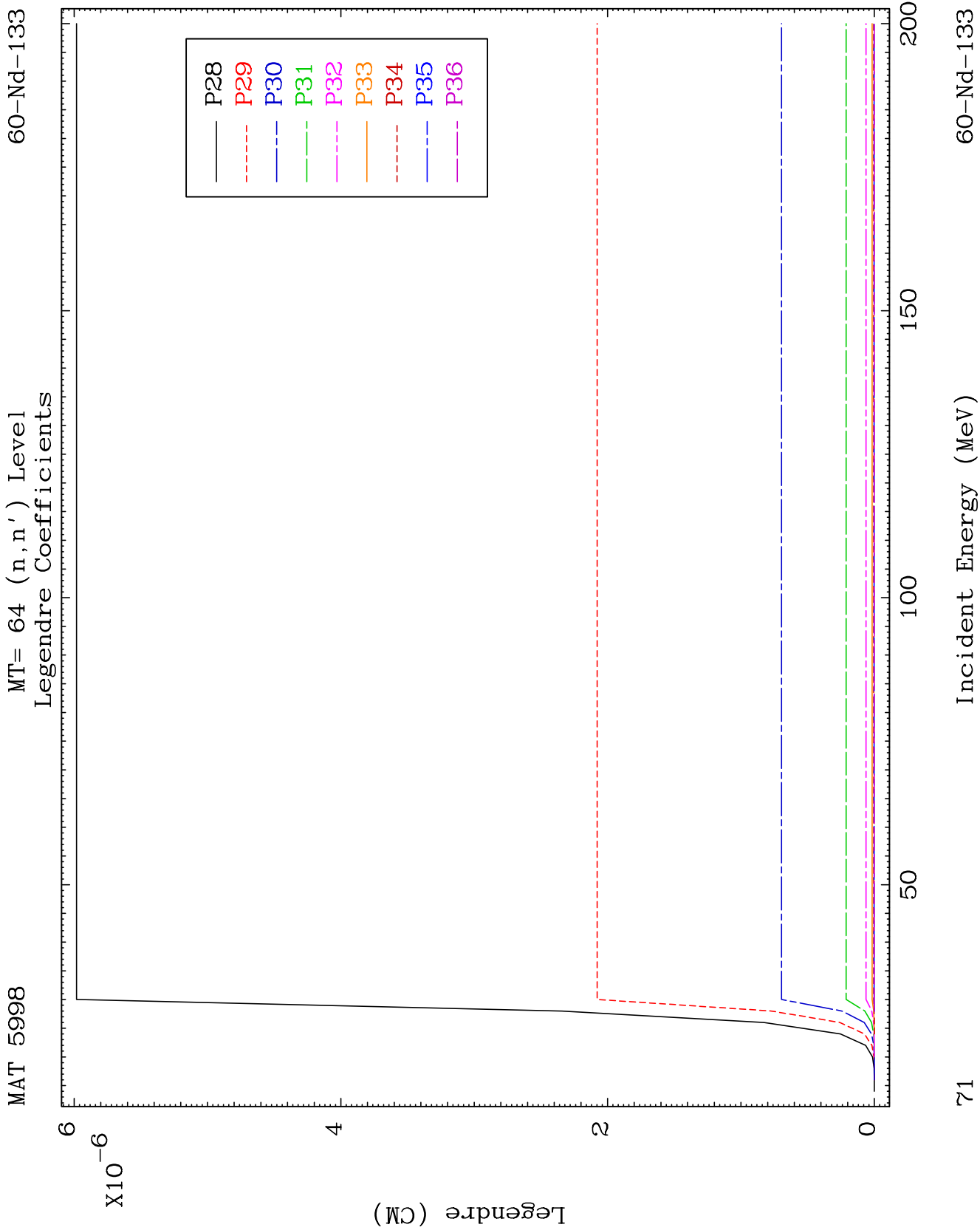


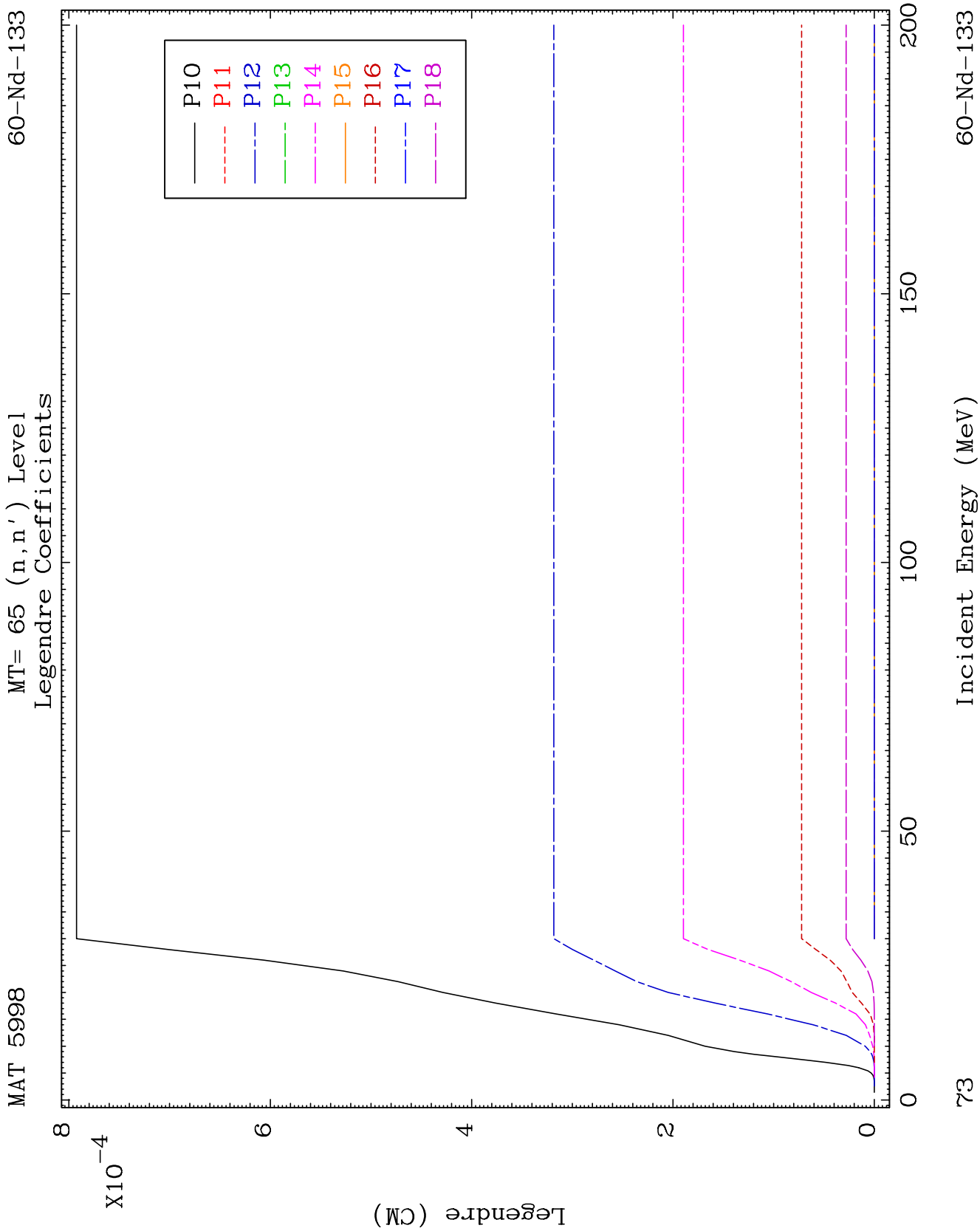
MAT 5998

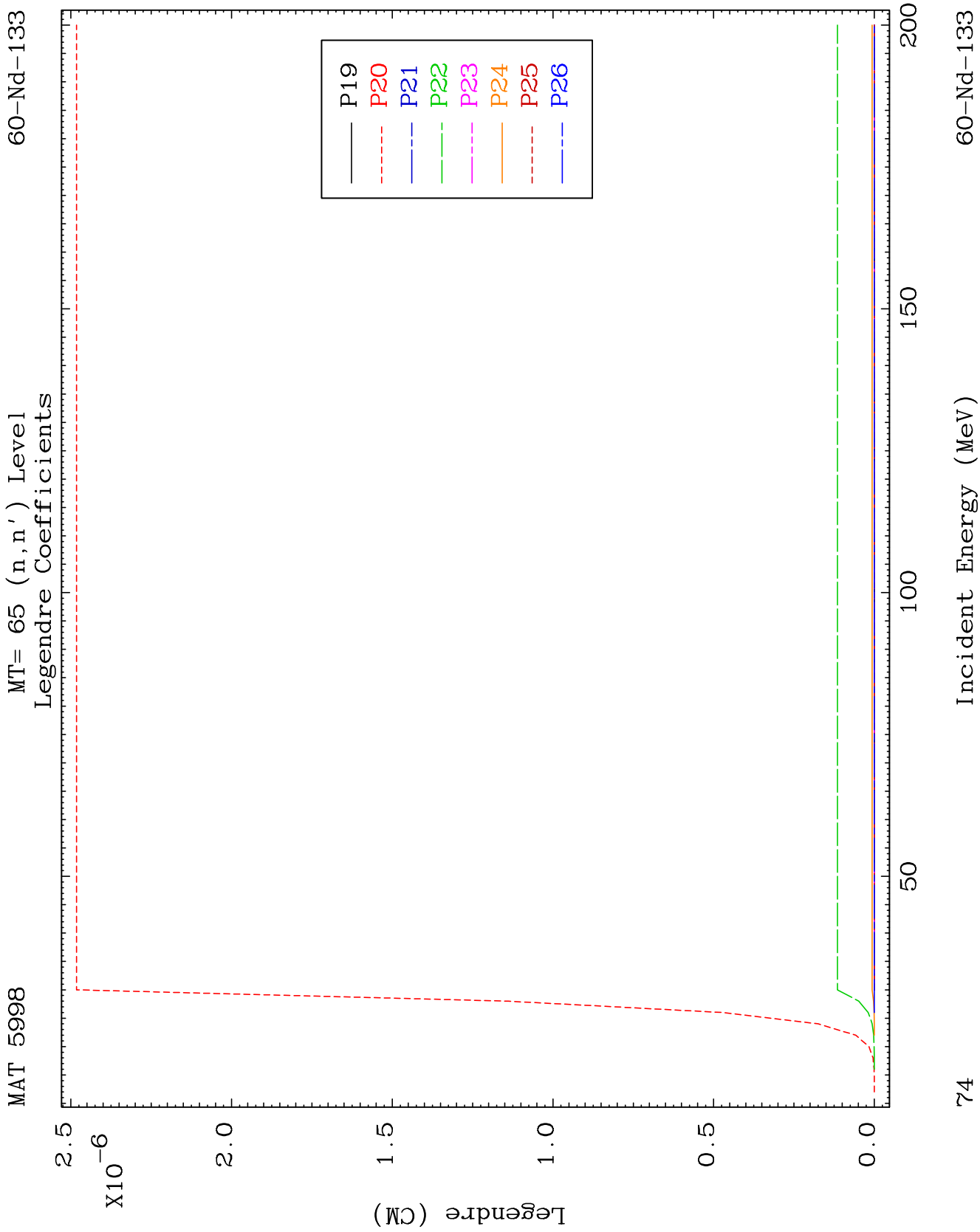
MT= 64 (n, n') Level
Legendre Coefficients

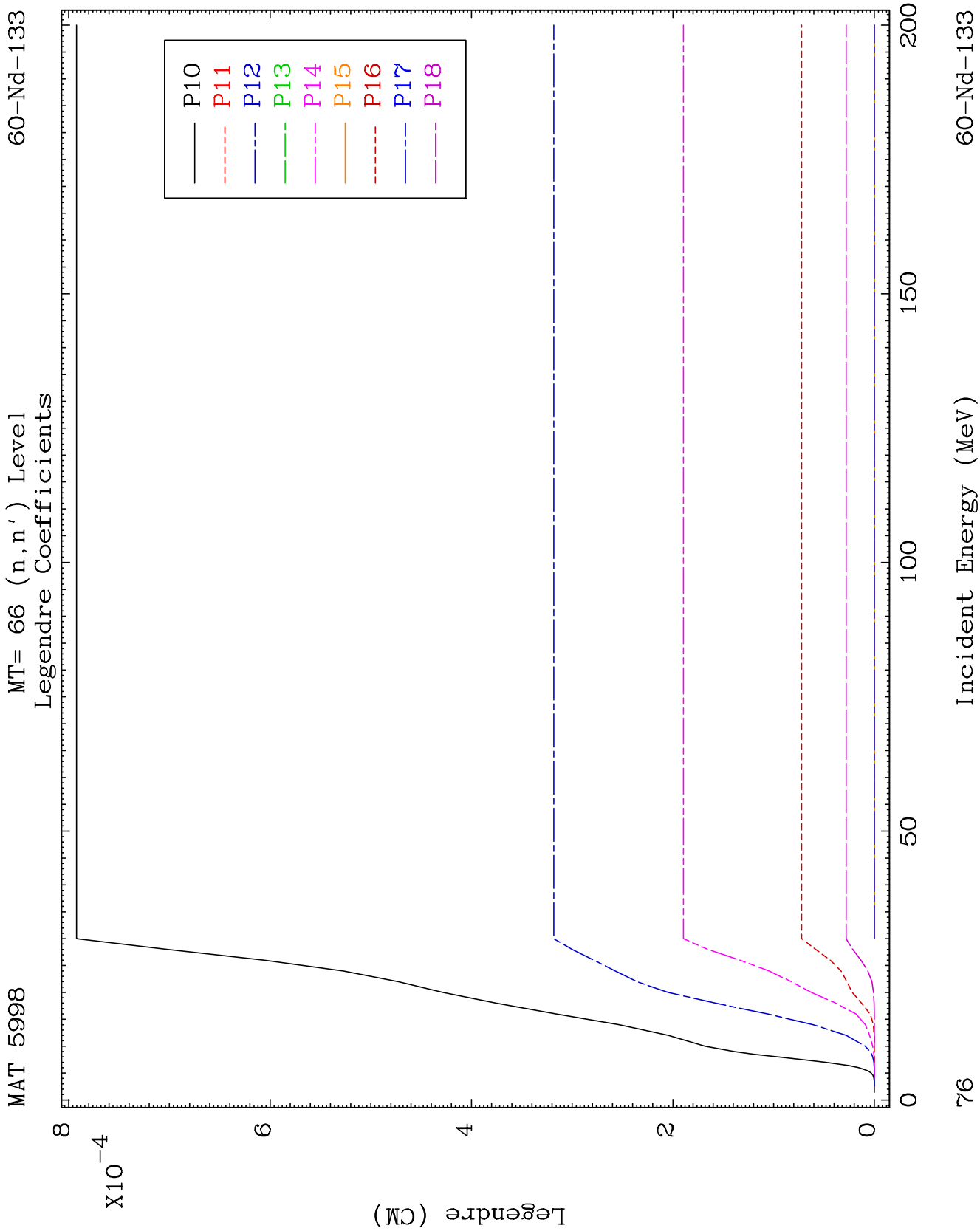
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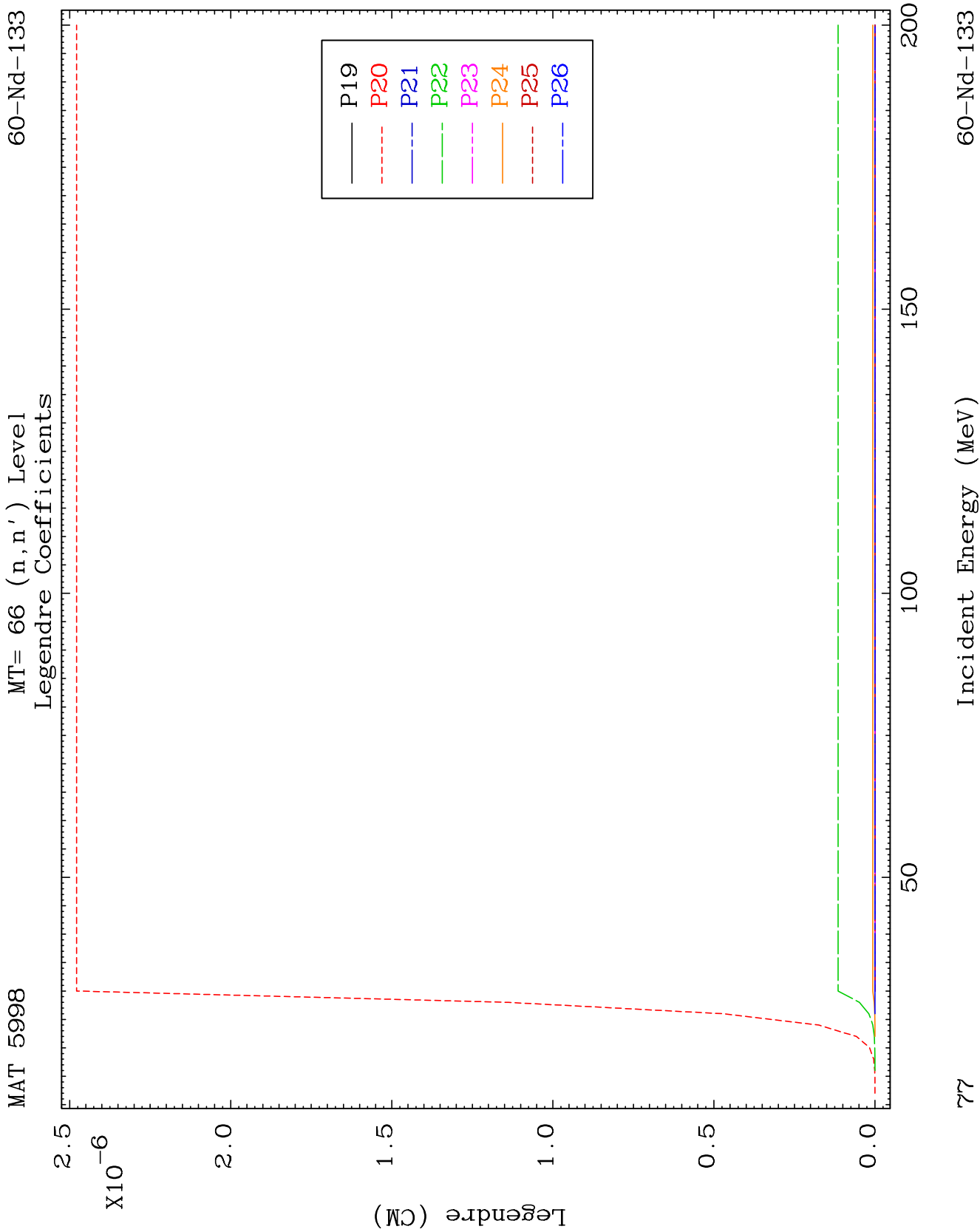


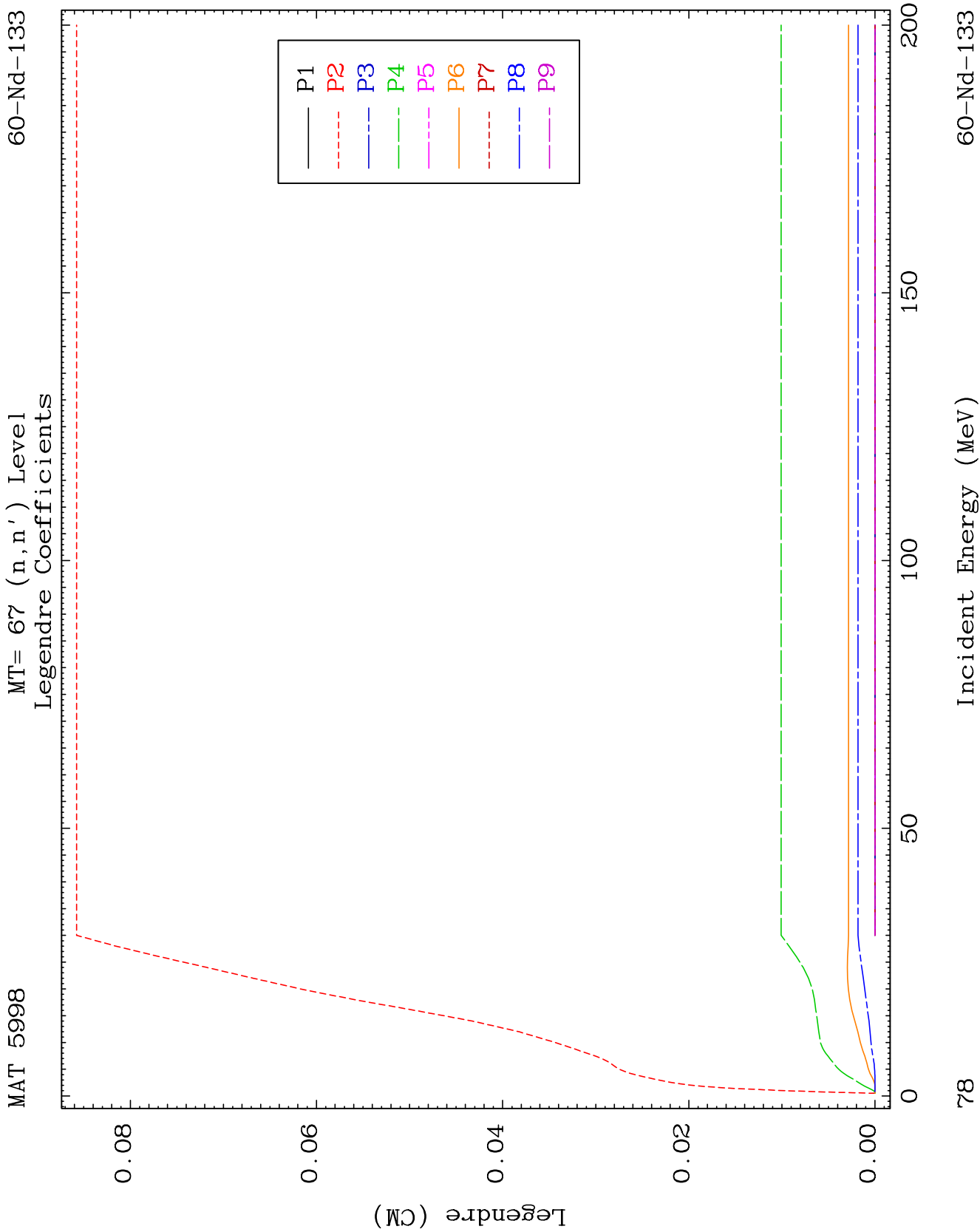


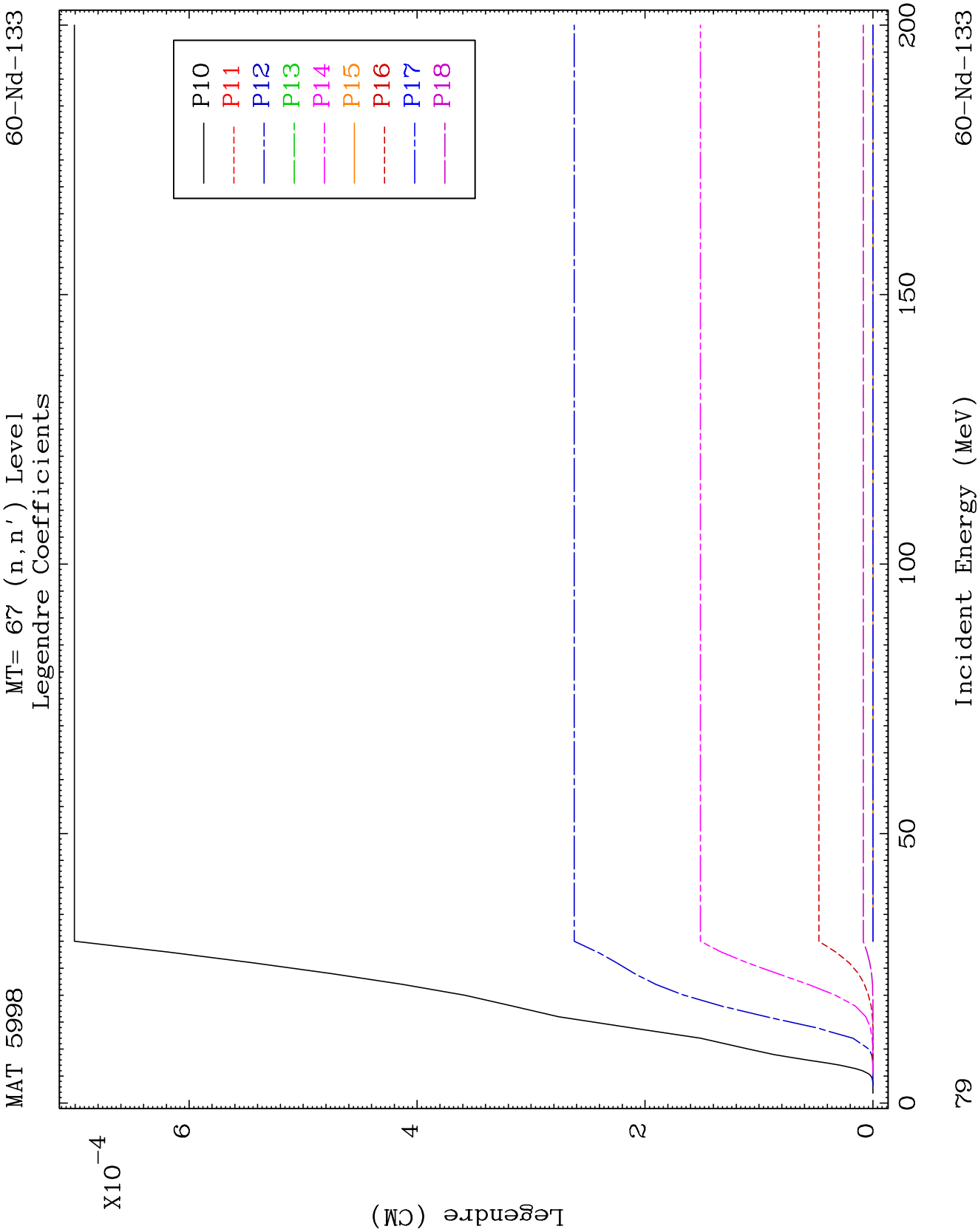








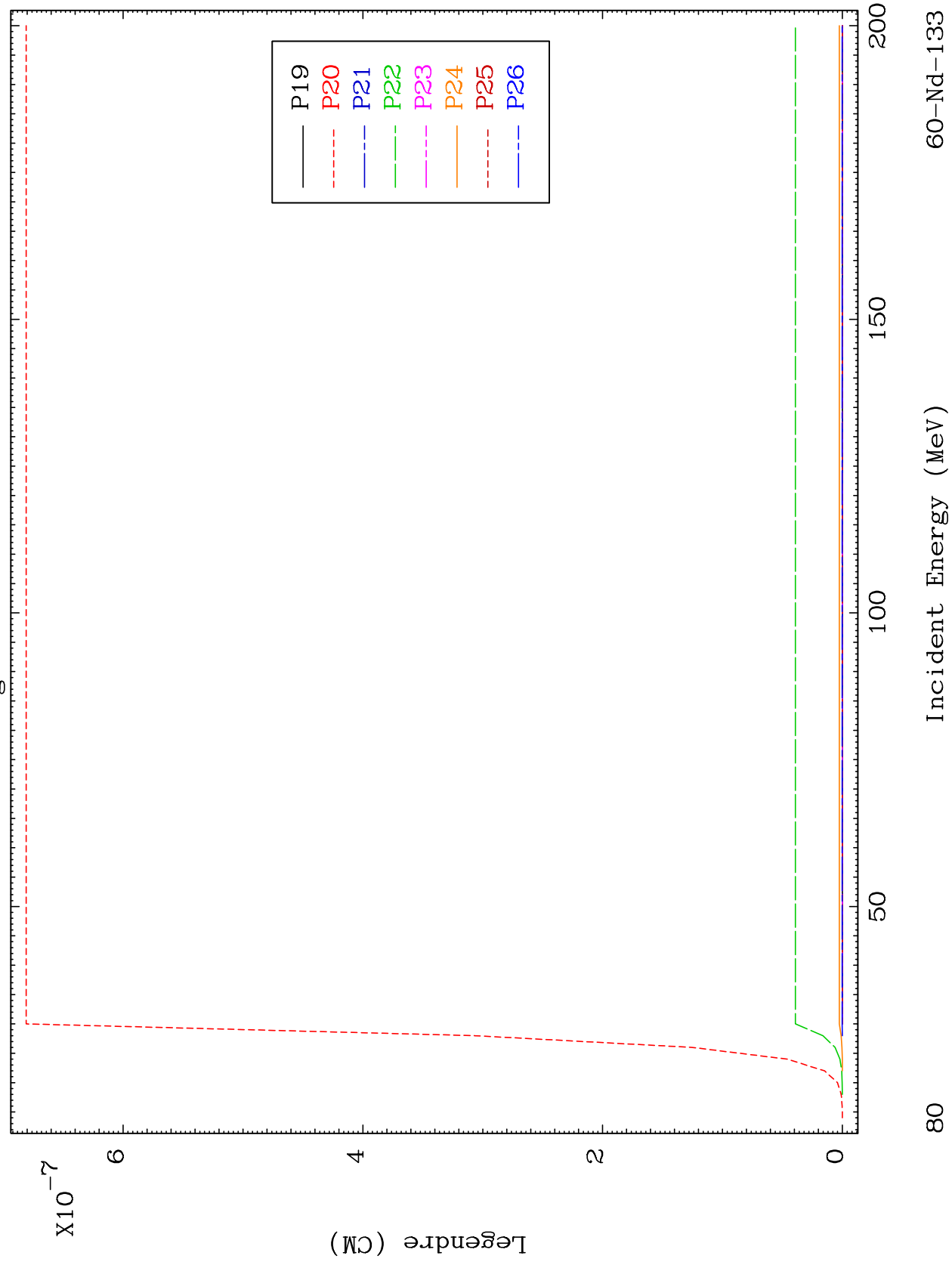




MAT 5998

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

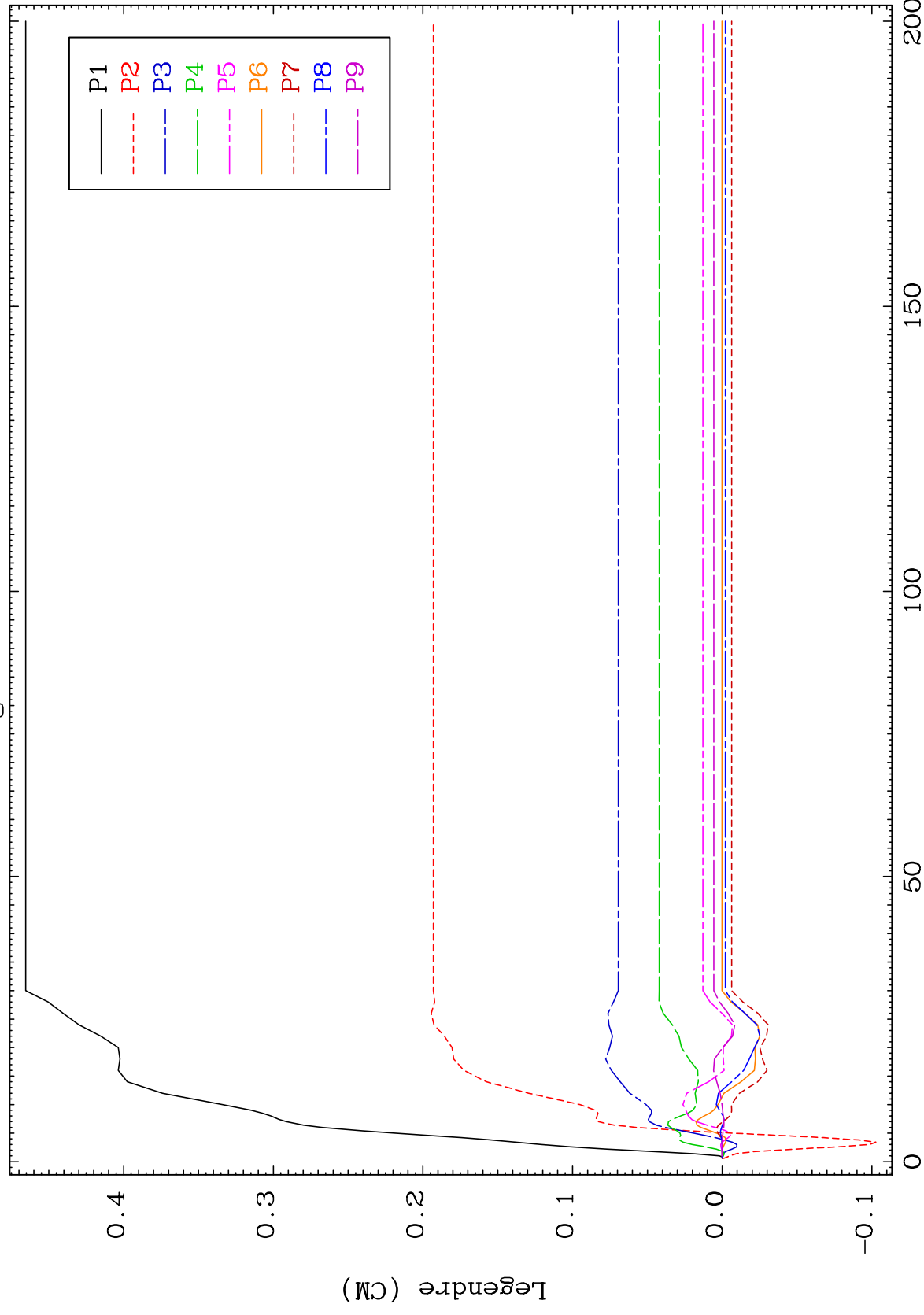
60-Nd-133



MAT 5998

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

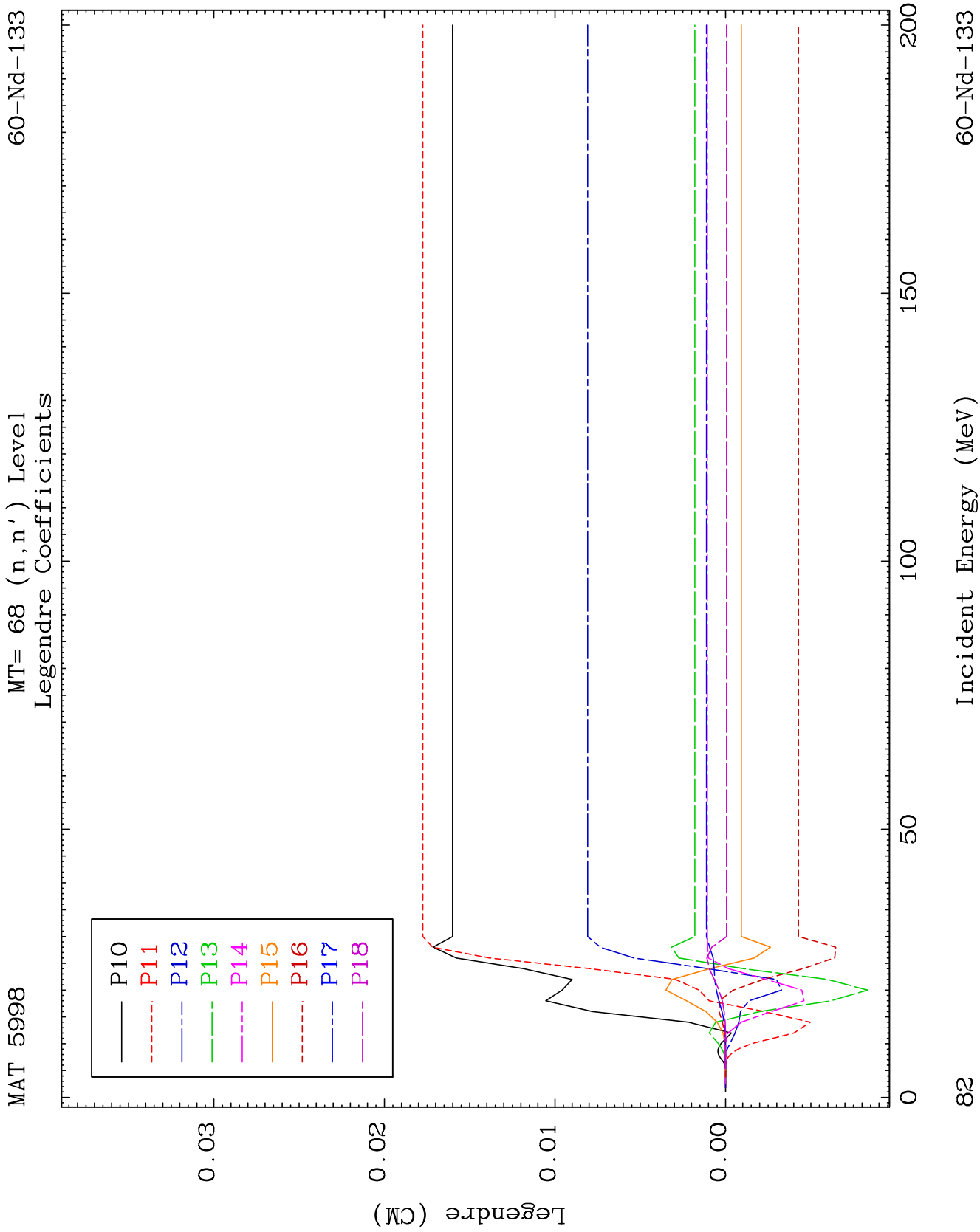
60-Nd-133



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Incident Energy (MeV)

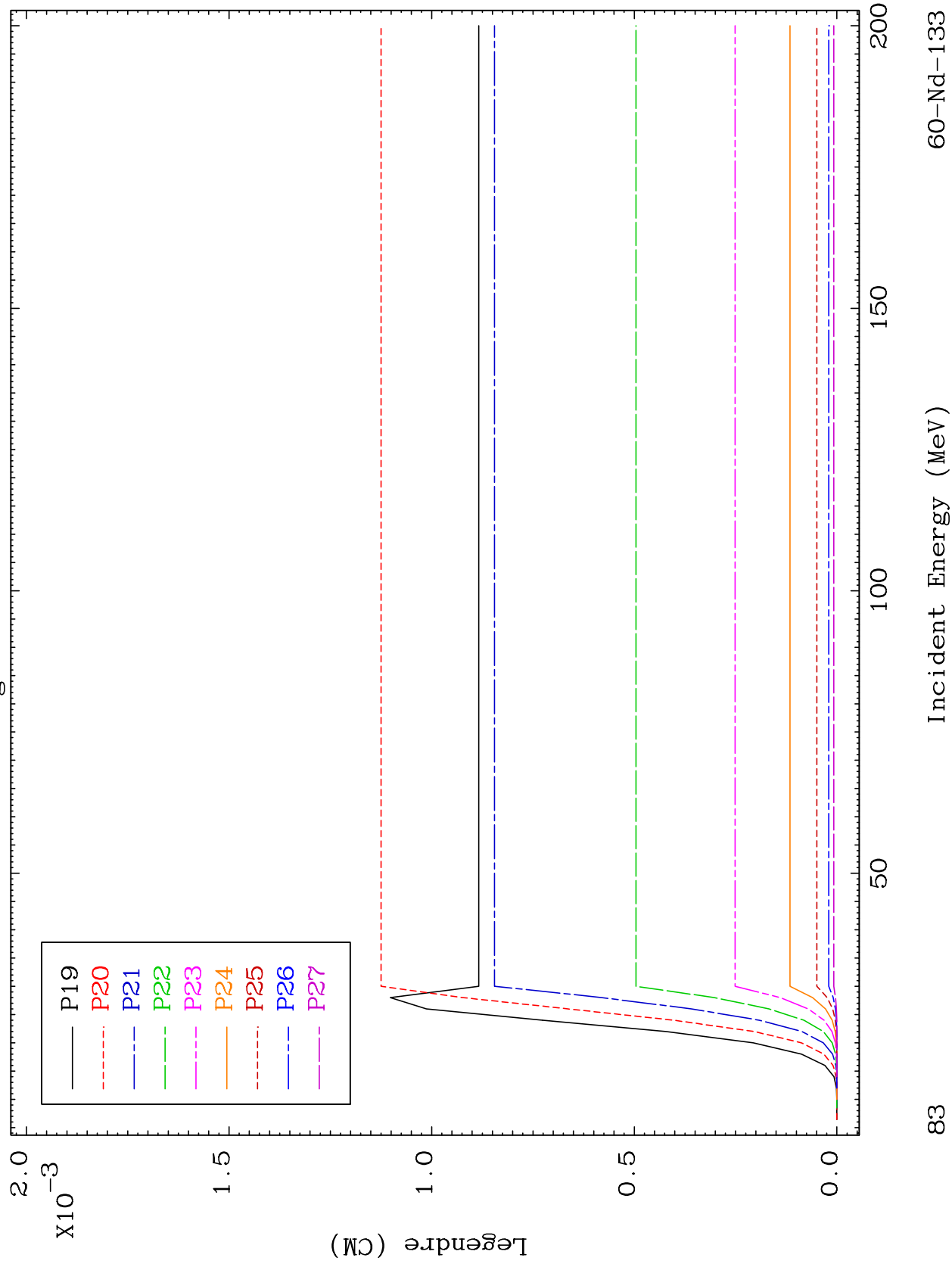
60-Nd-133



MAT 5998

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

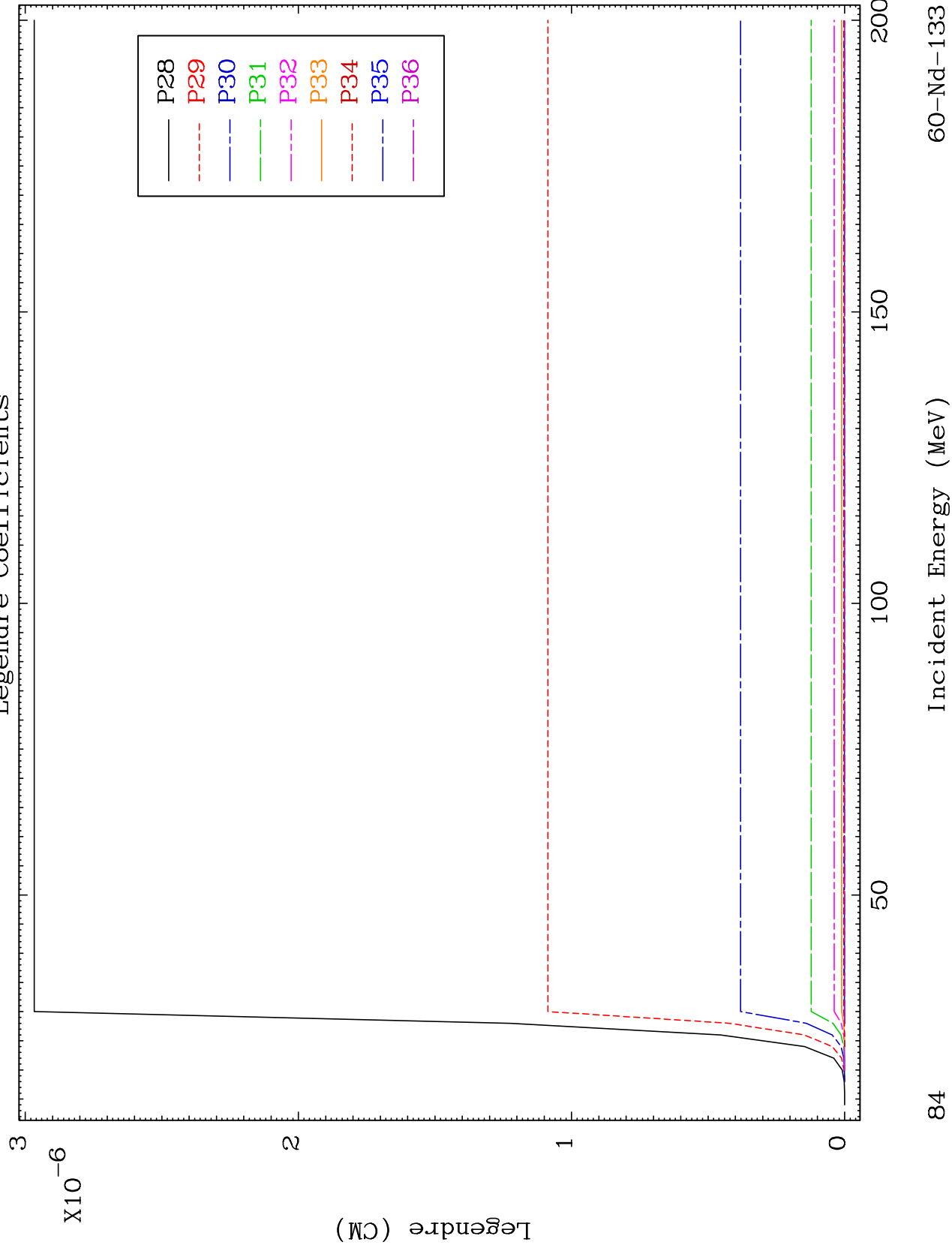
60-Nd-133

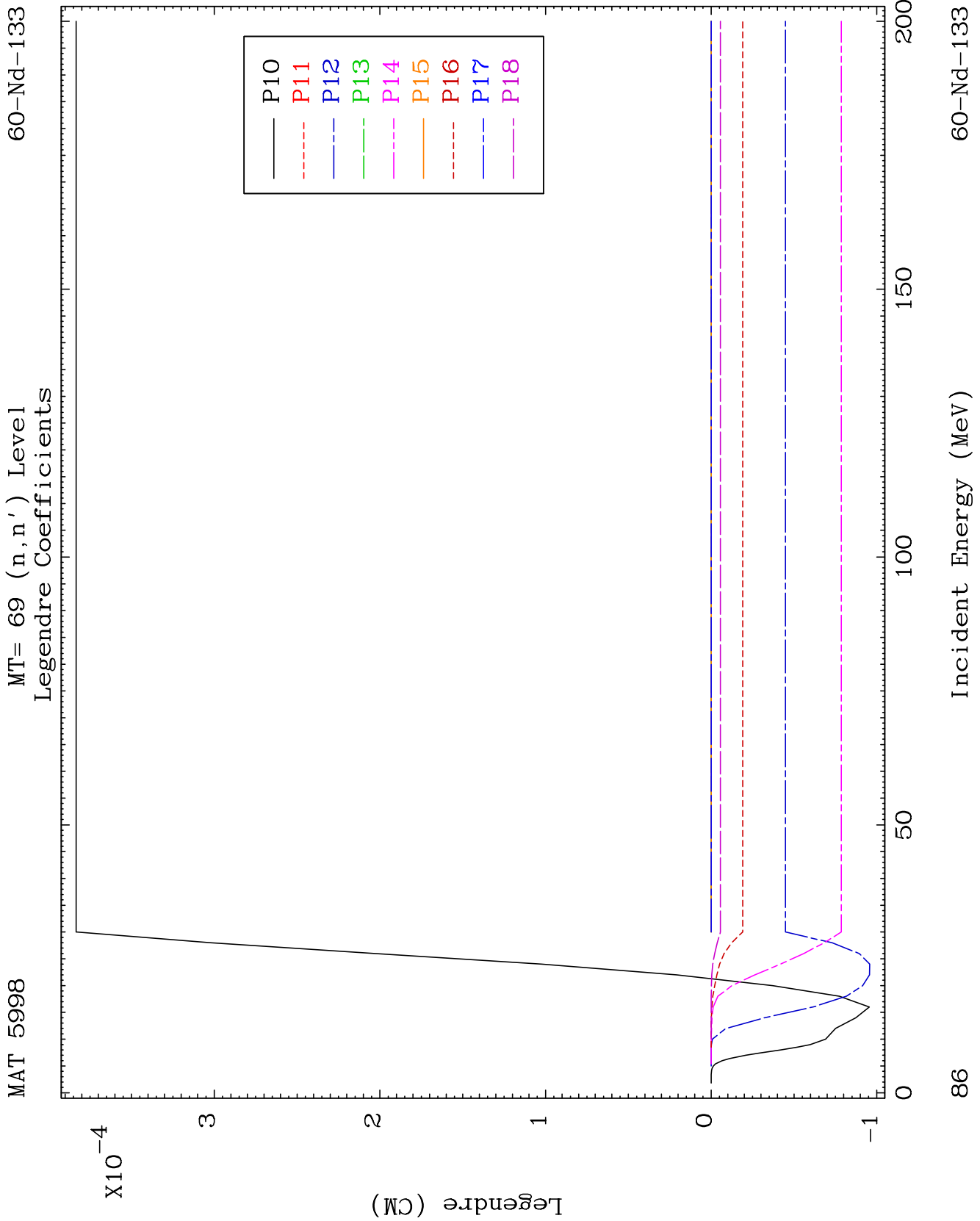


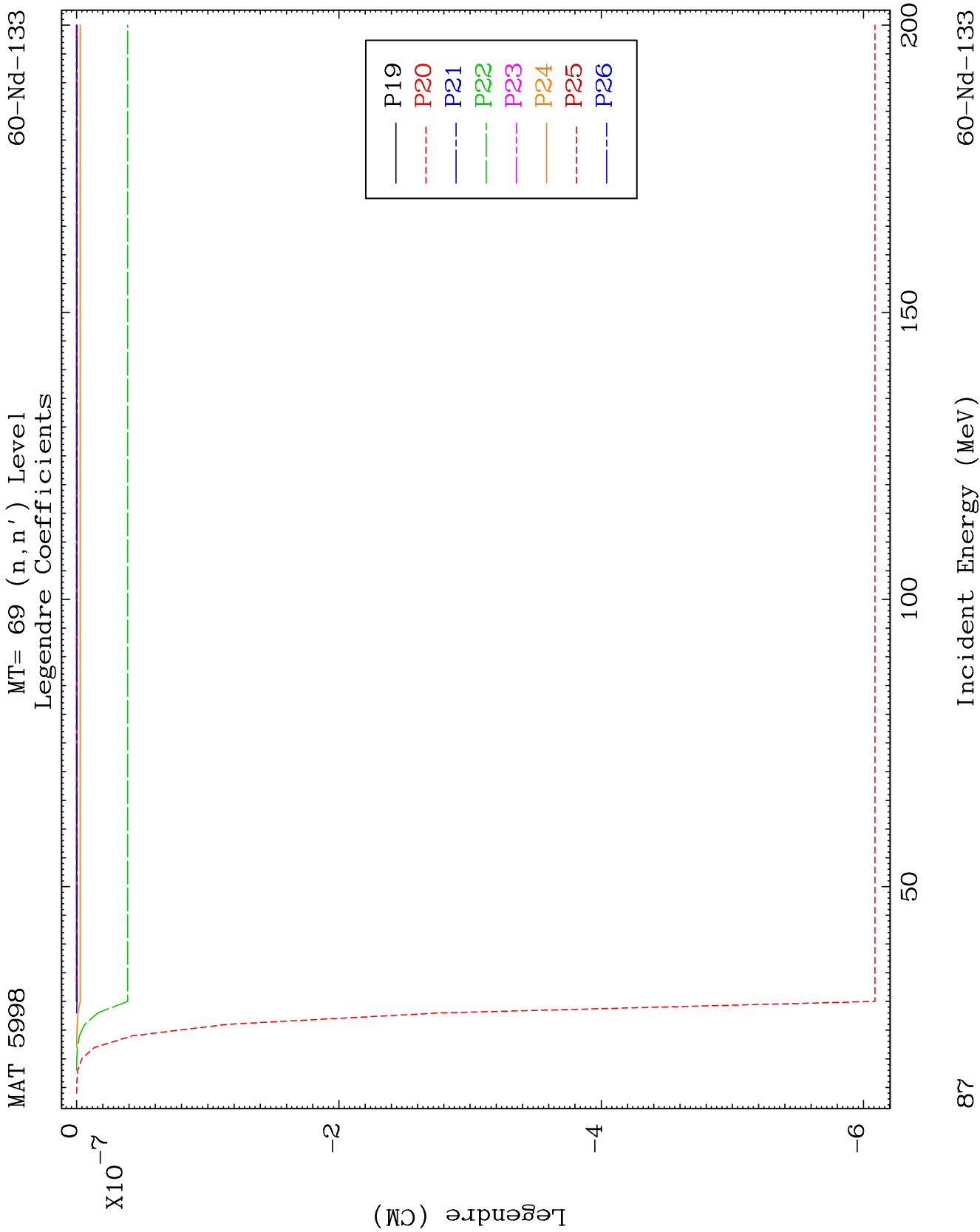
MAT 5998

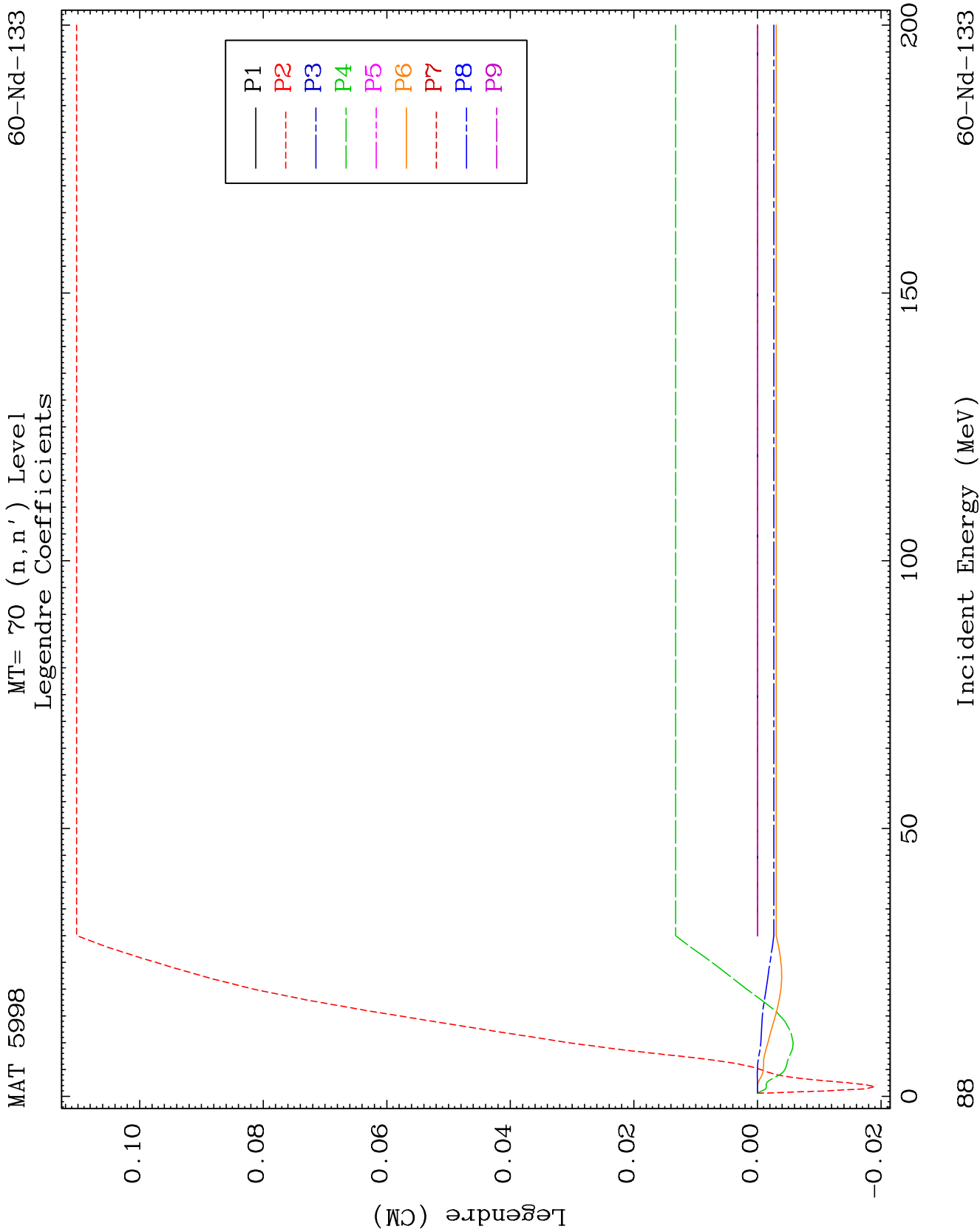
MT= 68 (n, n') Level
Legendre Coefficients

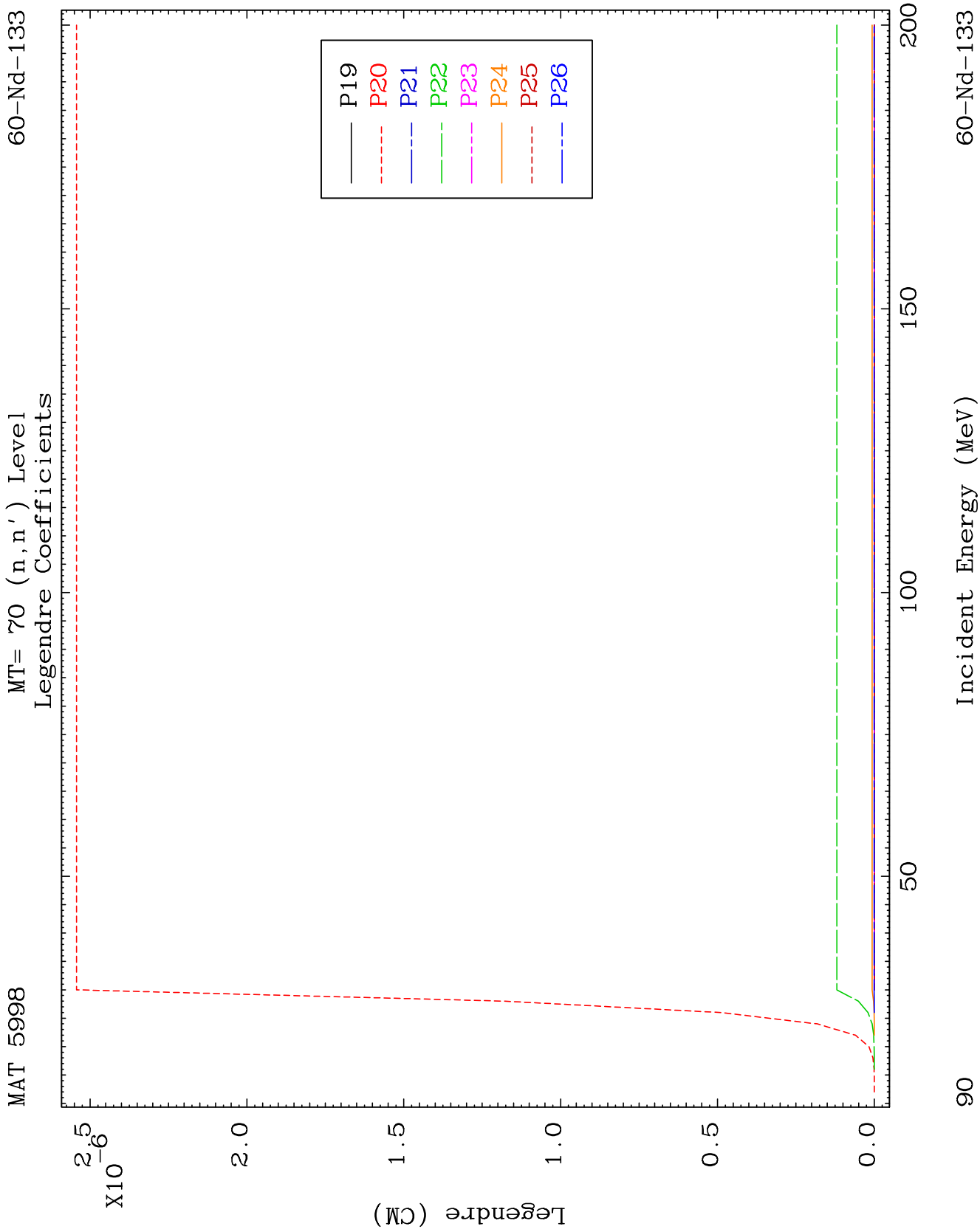
60-Nd-133







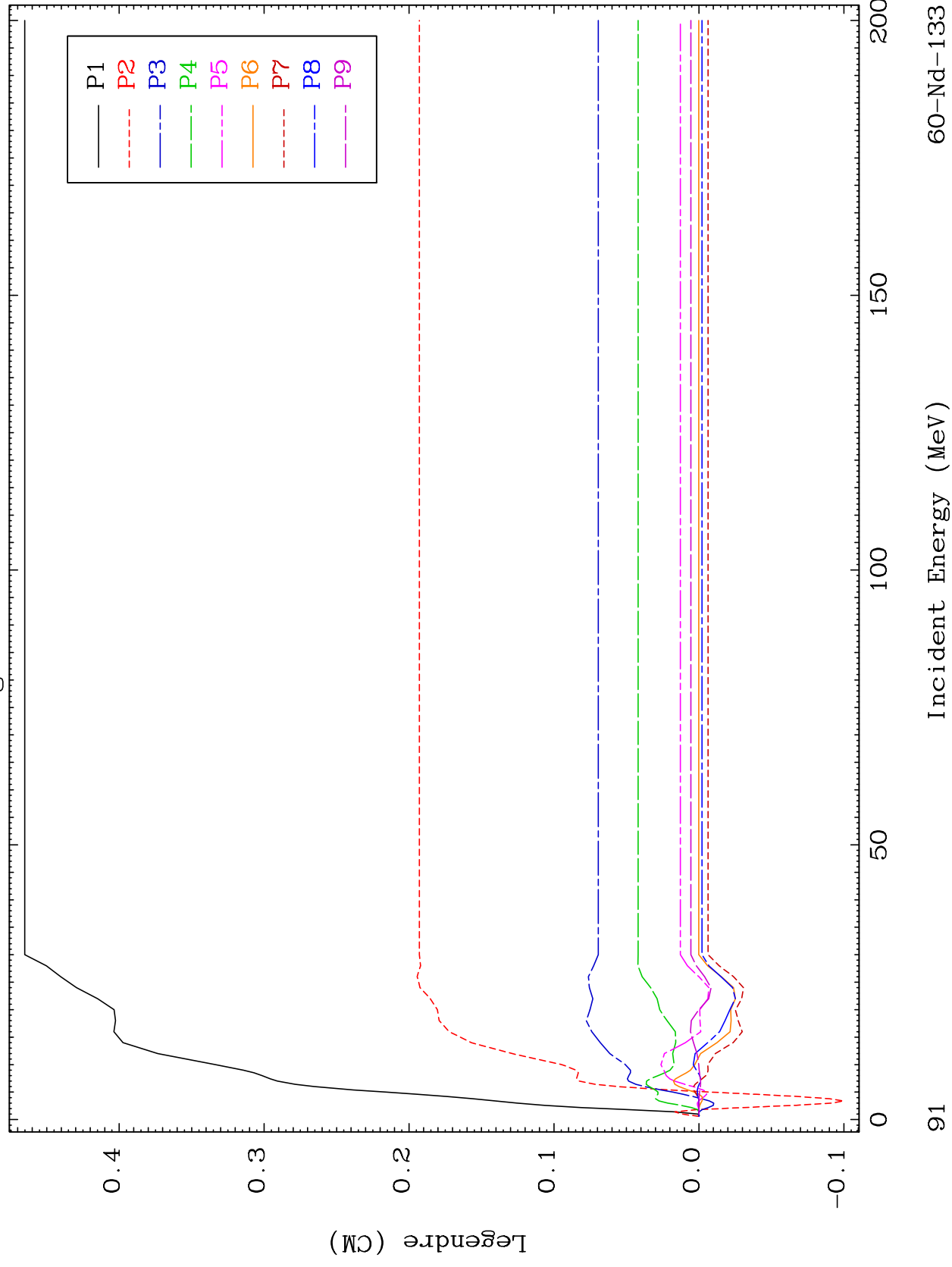


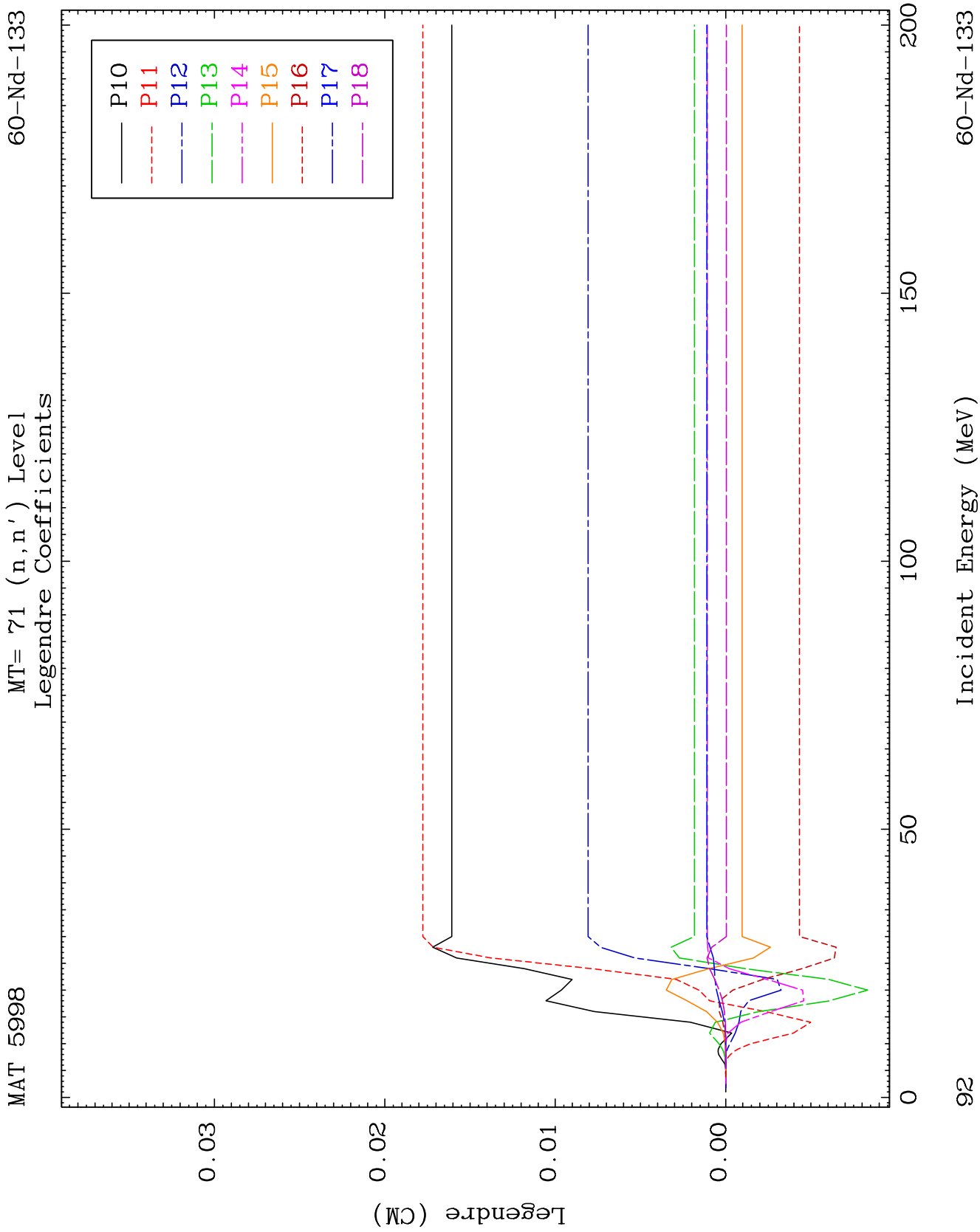


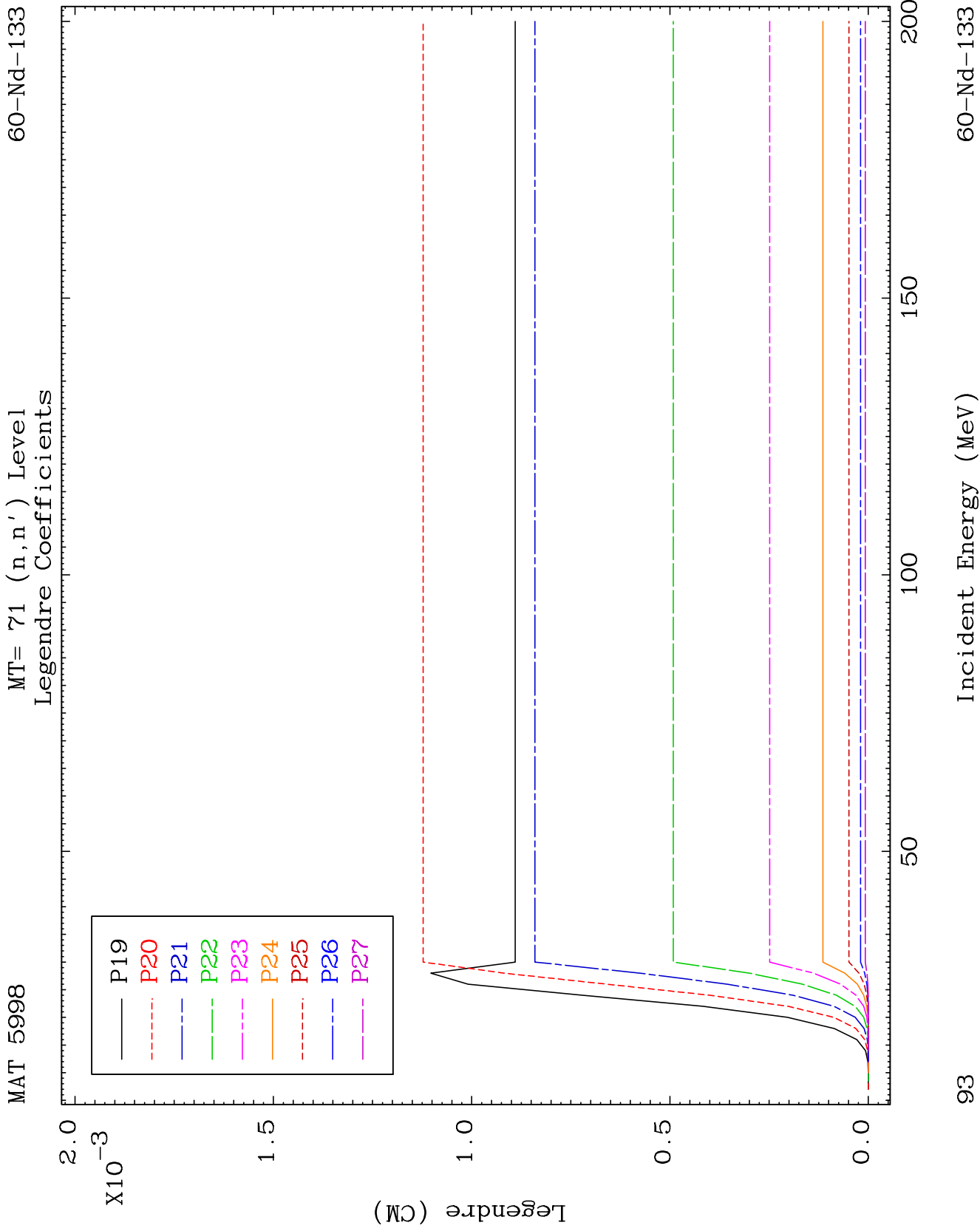
MAT 5998

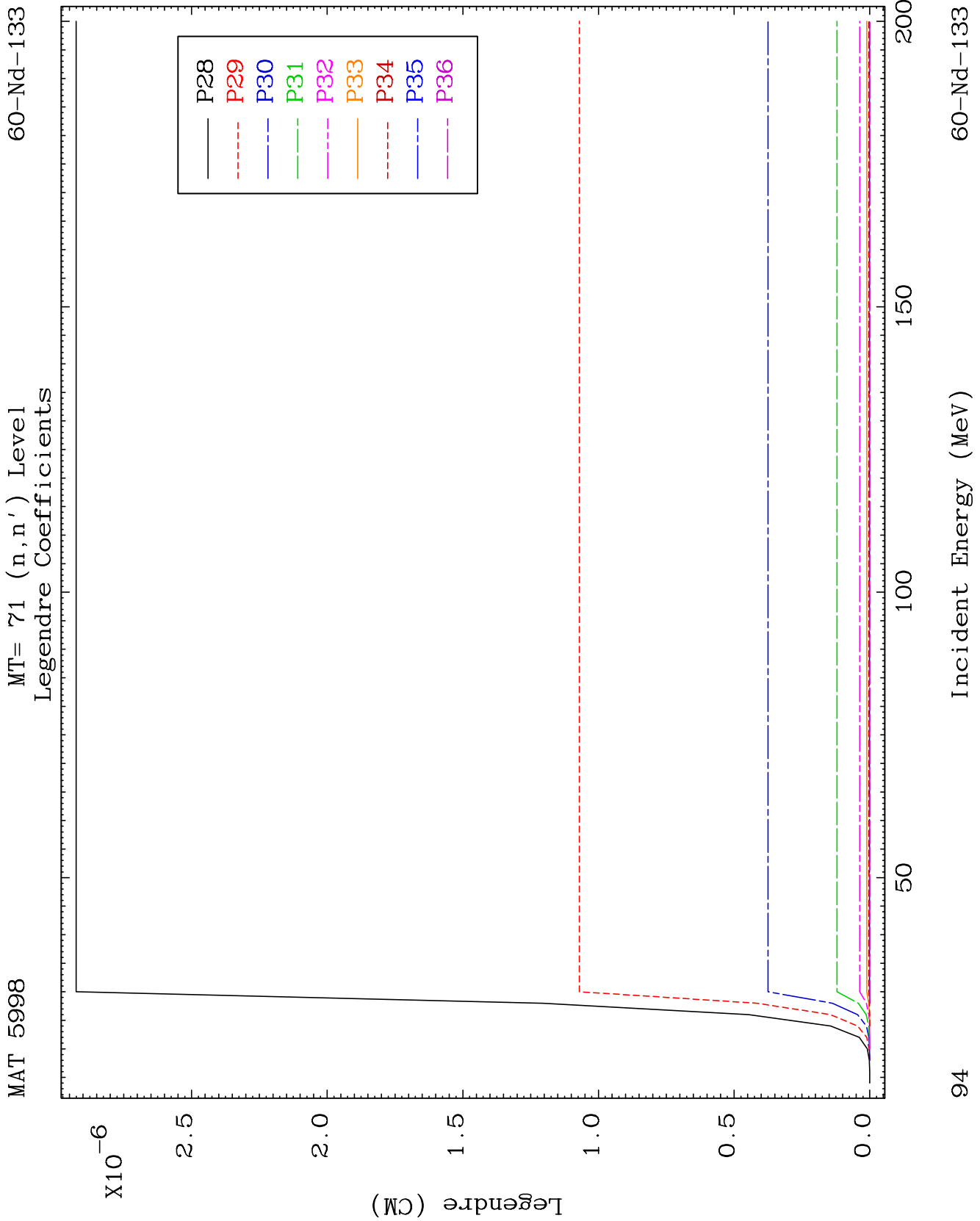
MT= 71 (n, n') Level
Legendre Coefficients

60-Nd-133





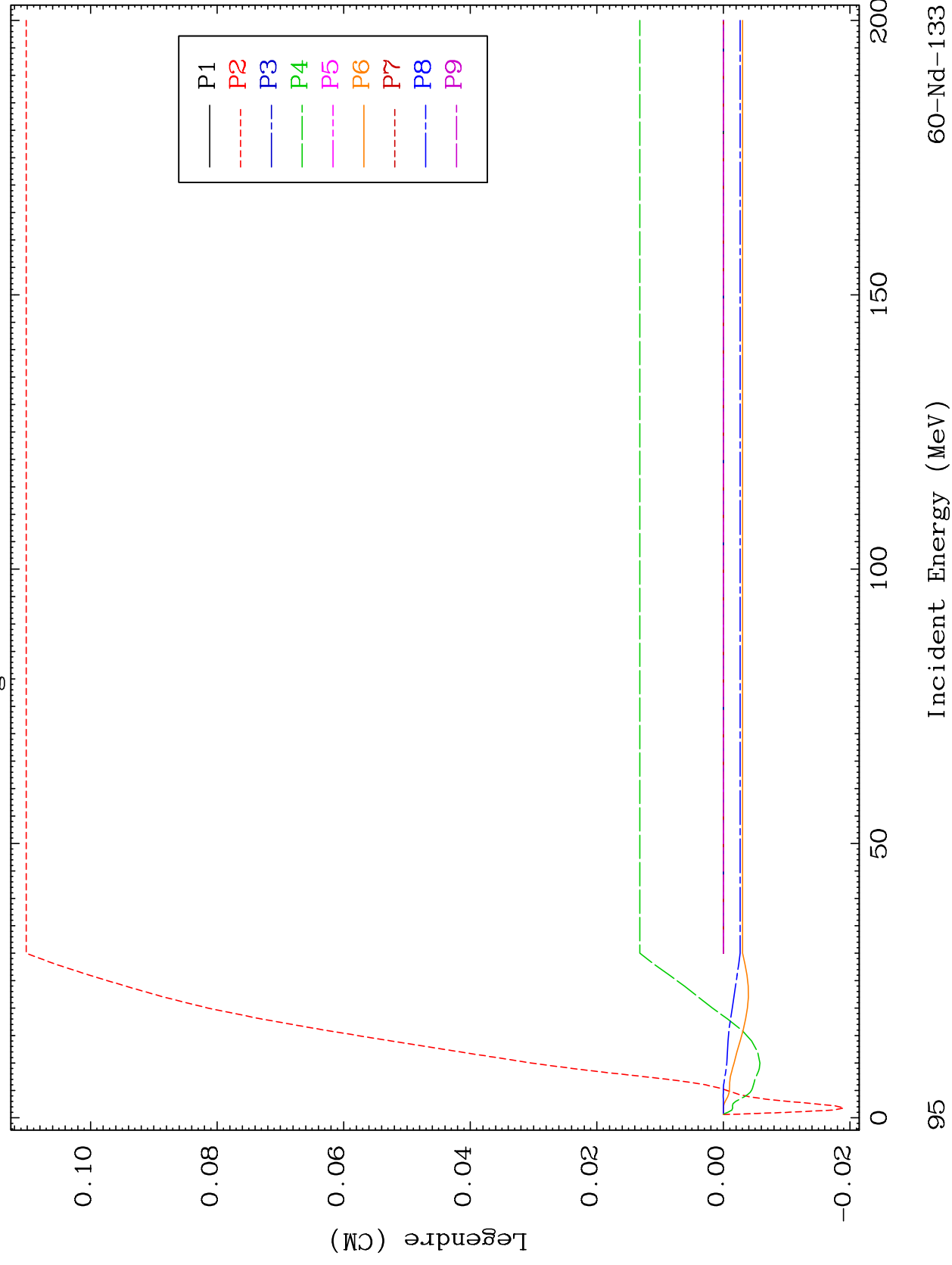


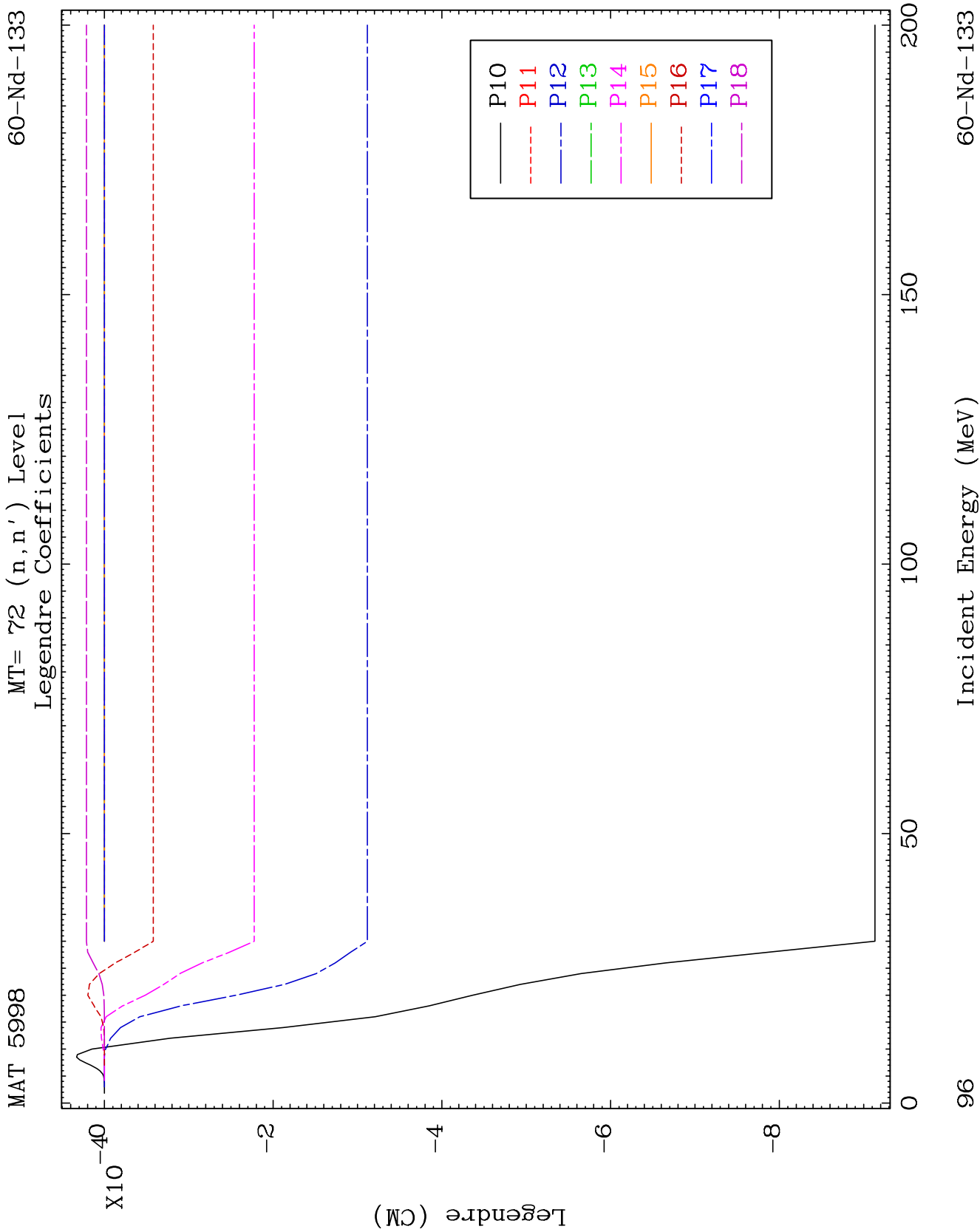


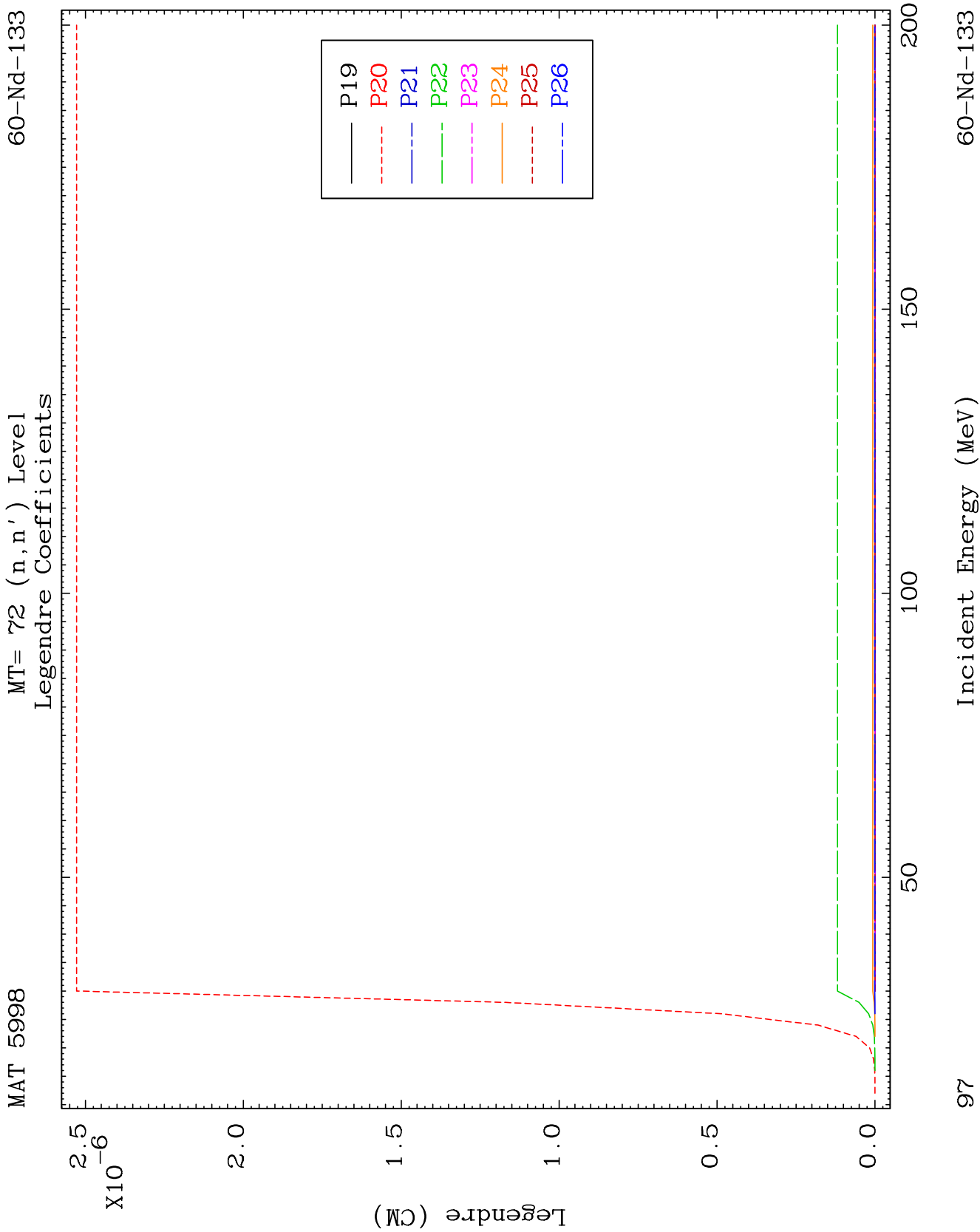
MAT 5998

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

60-Nd-133



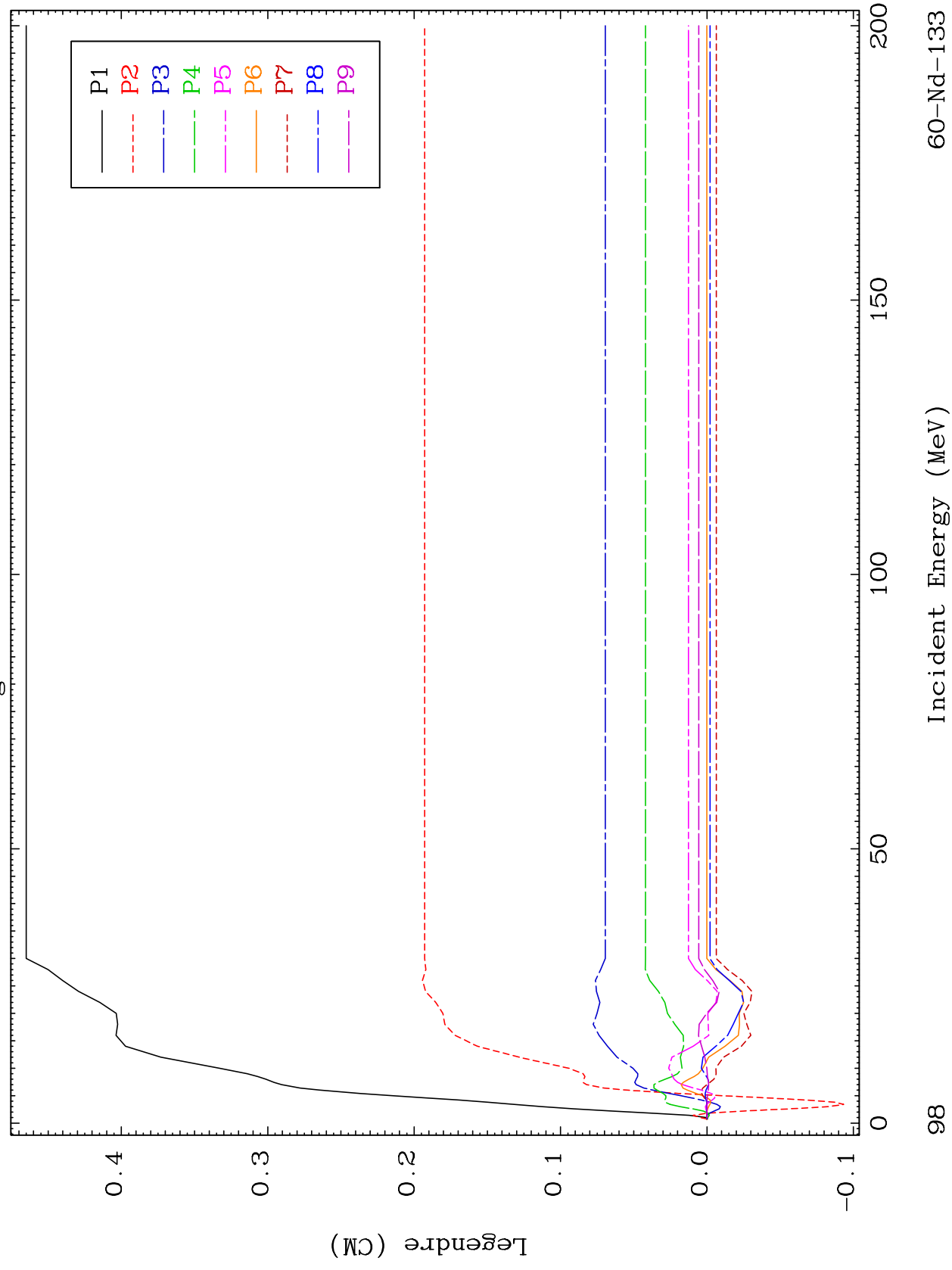




MAT 5998

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

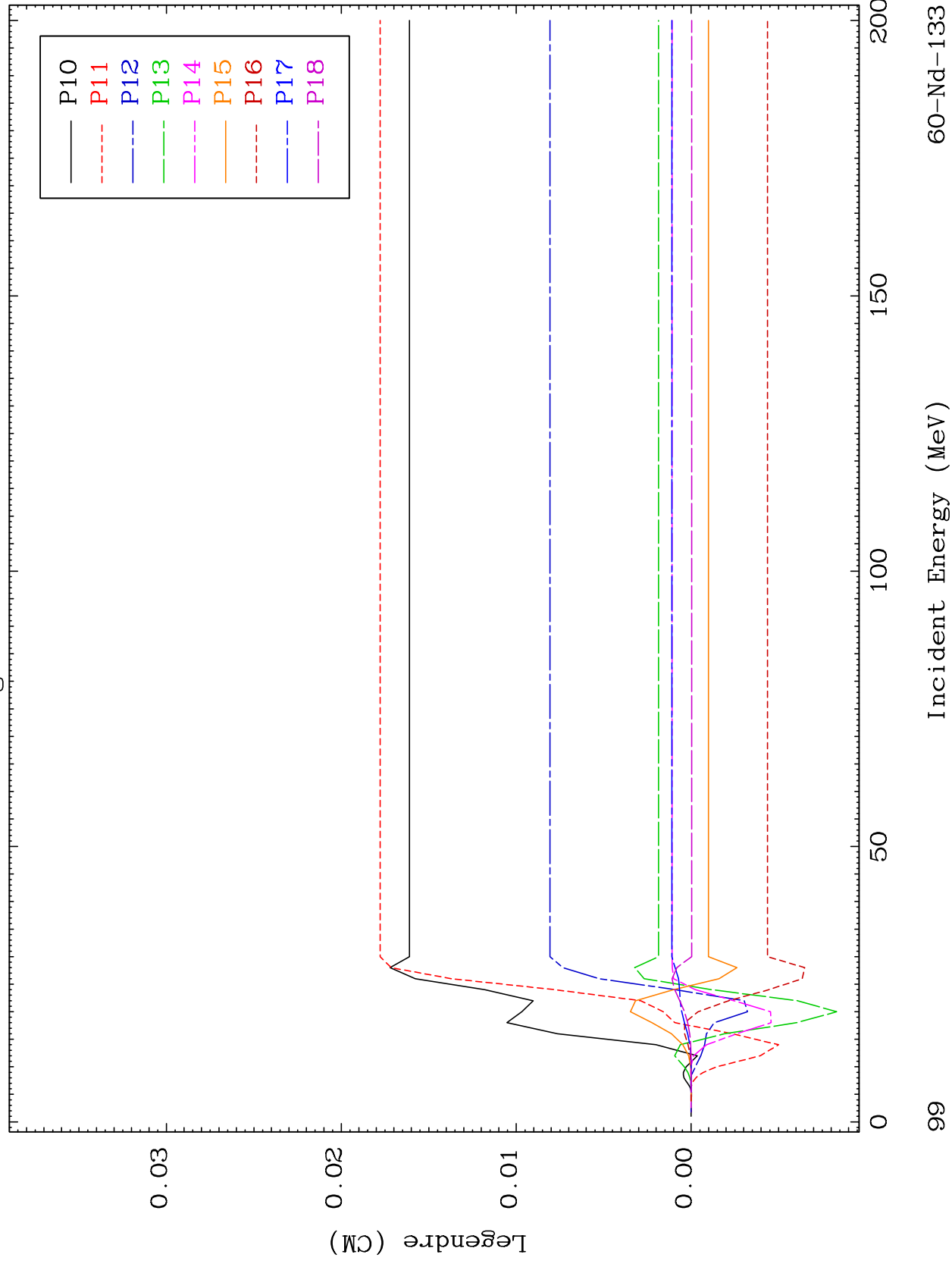
60-Nd-133

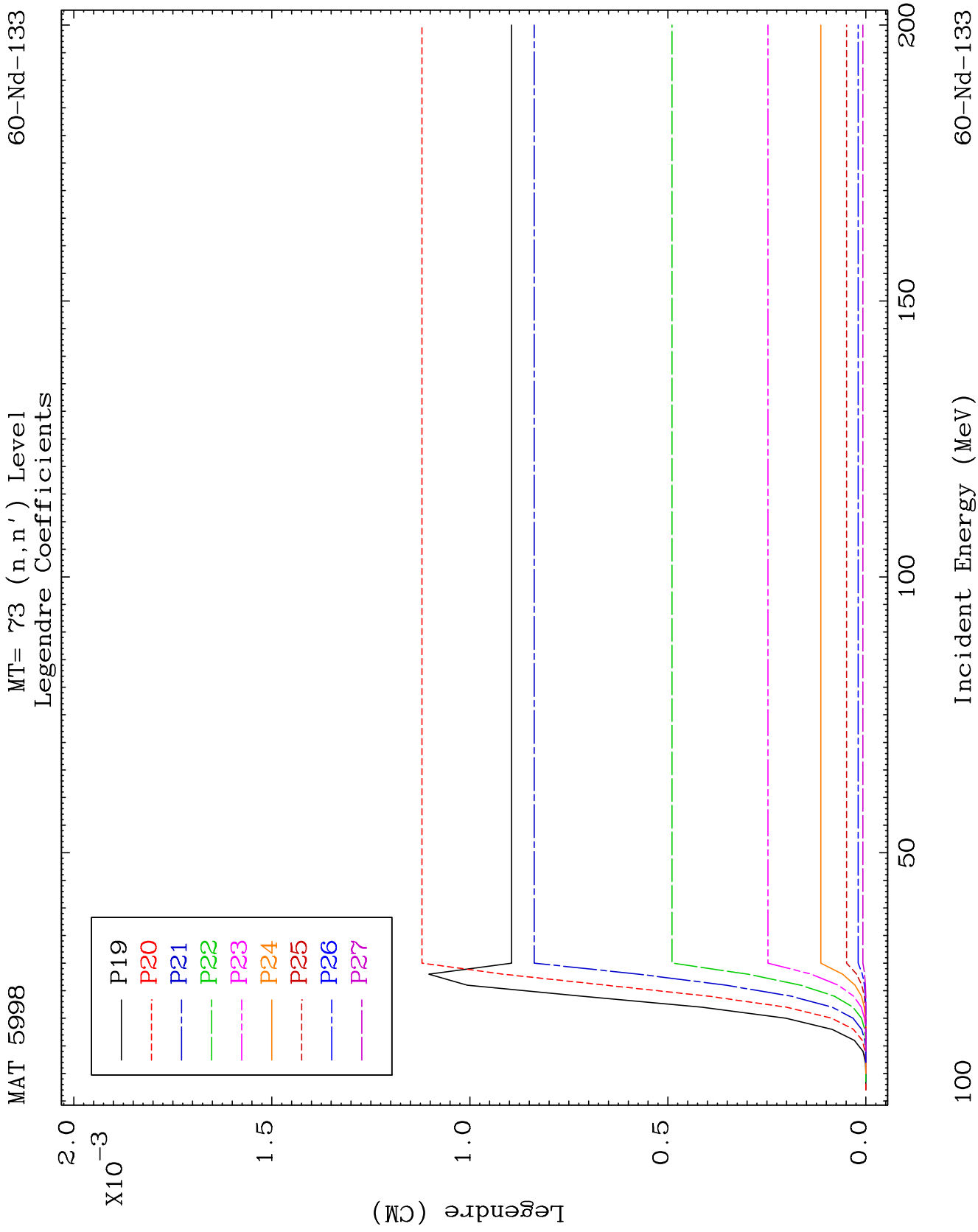


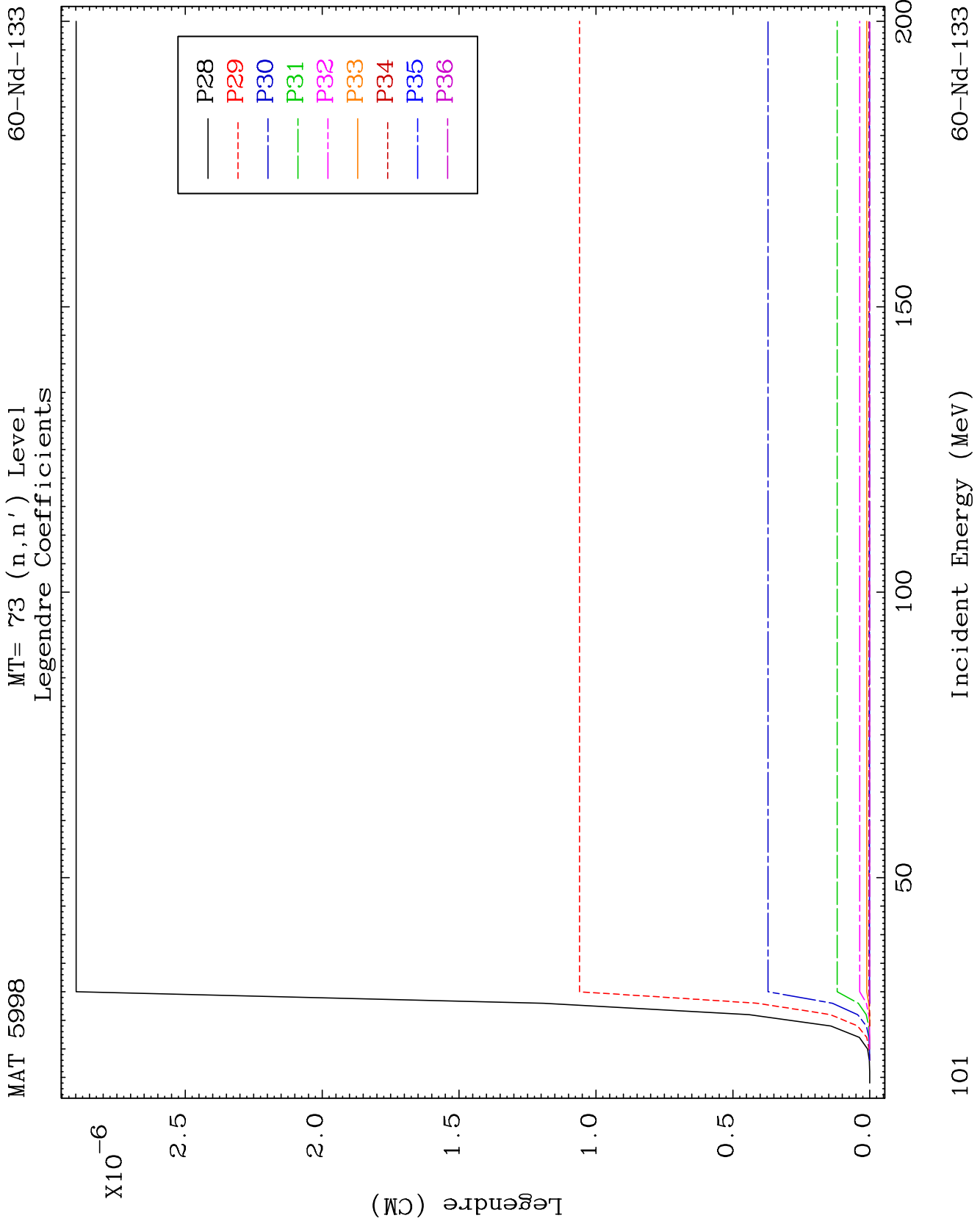
MAT 5998

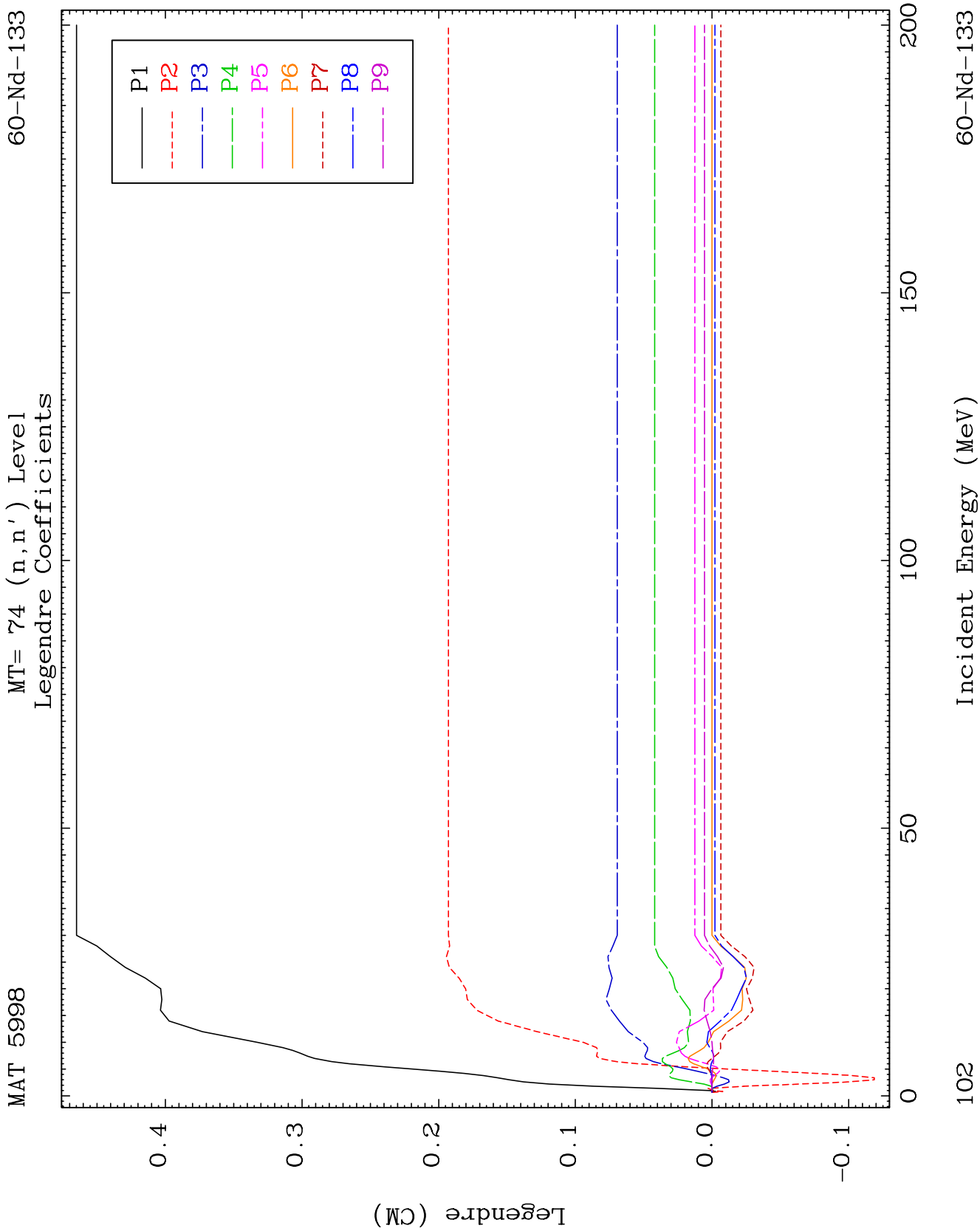
MT= 73 (n, n') Level
Legendre Coefficients

60-Nd-133





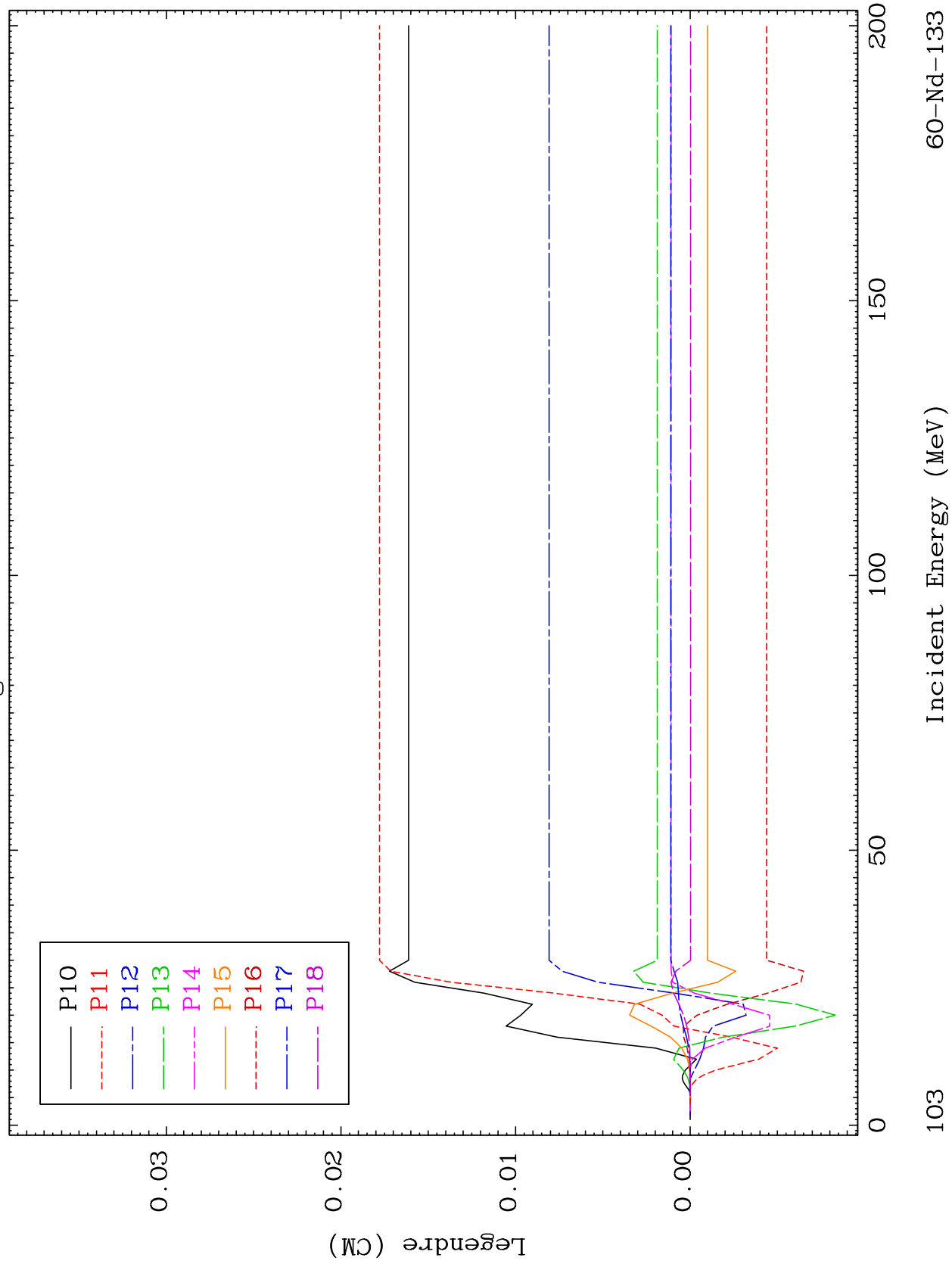


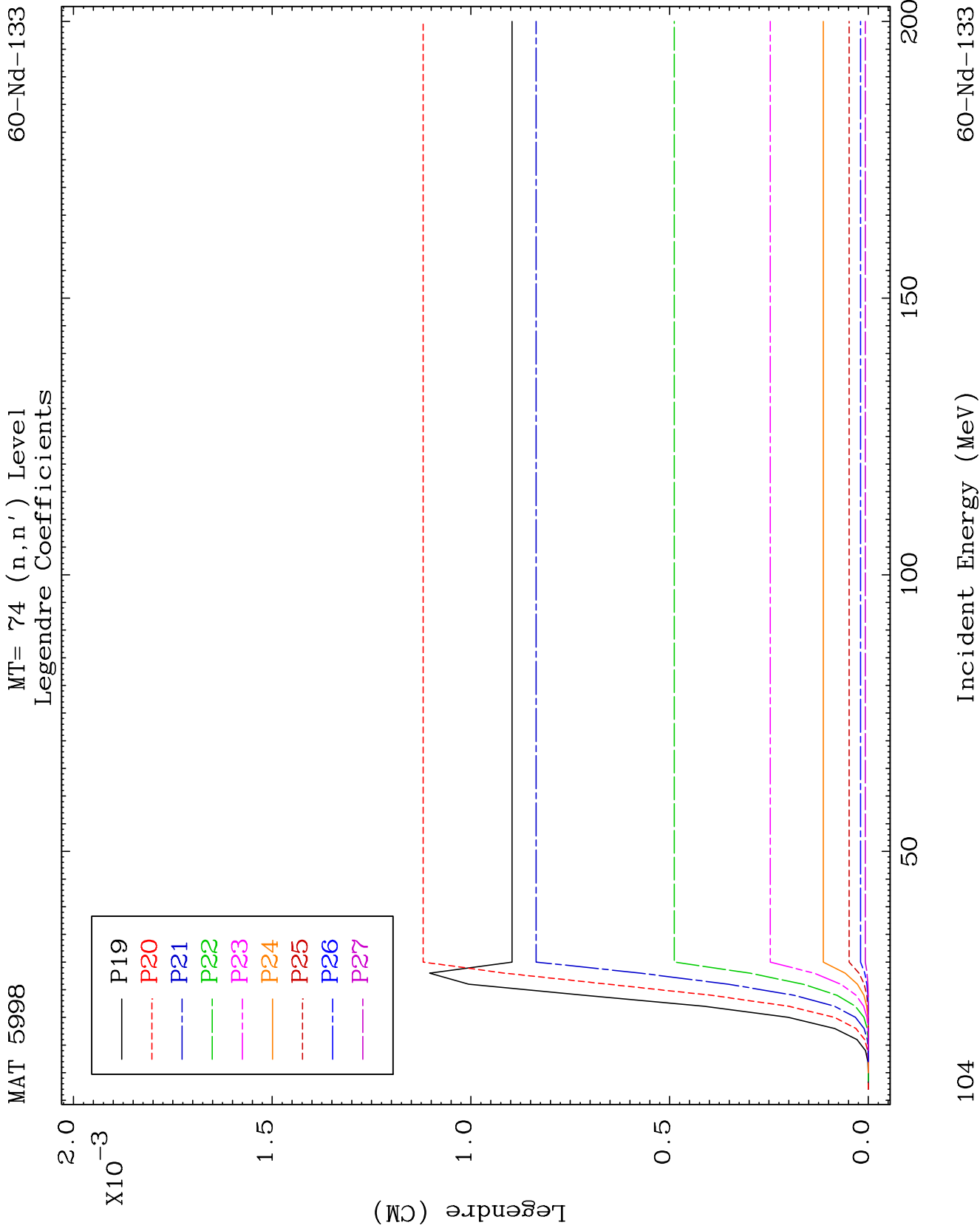


MAT 5998

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

60-Nd-133

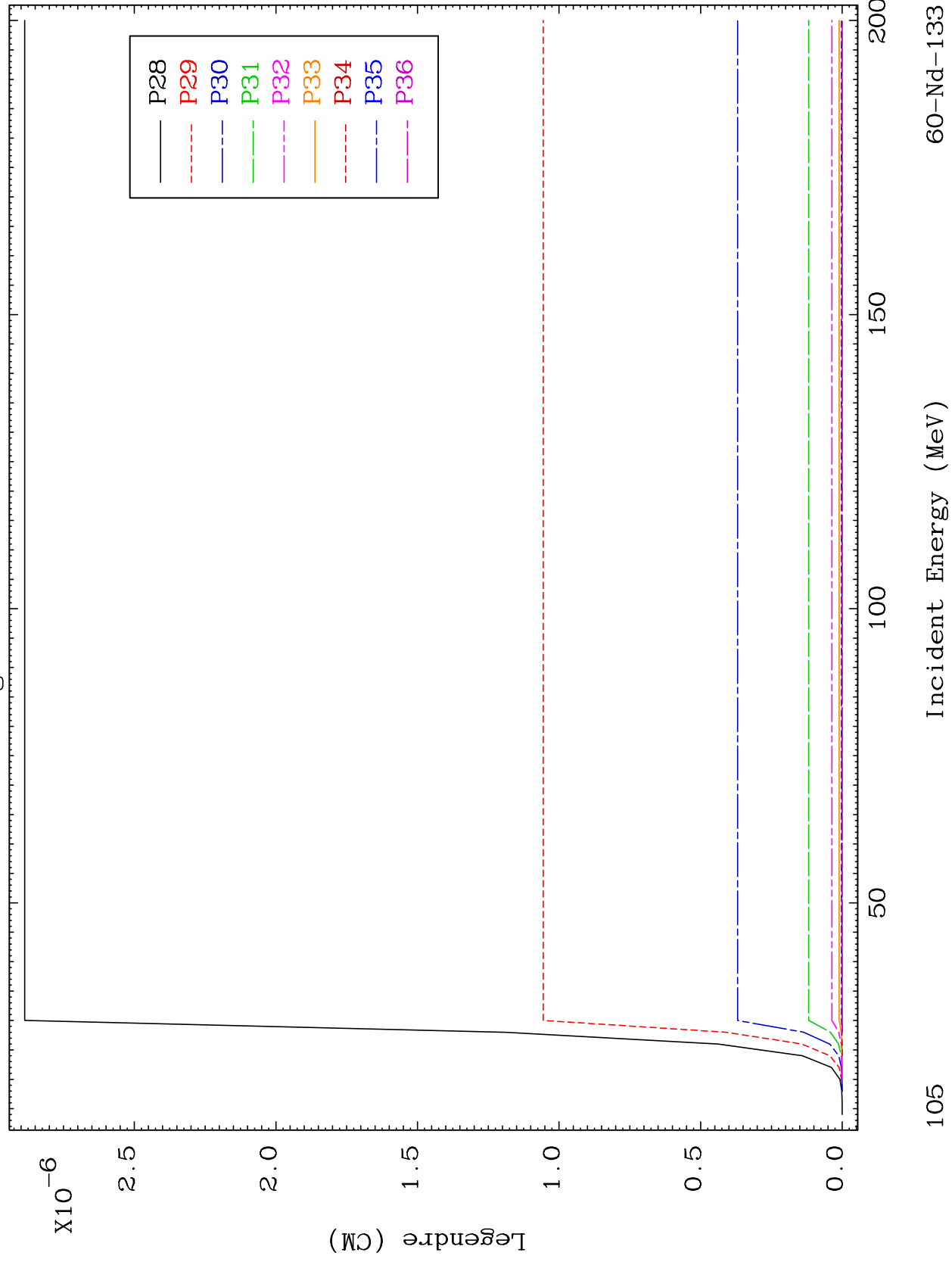




MAT 5998

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

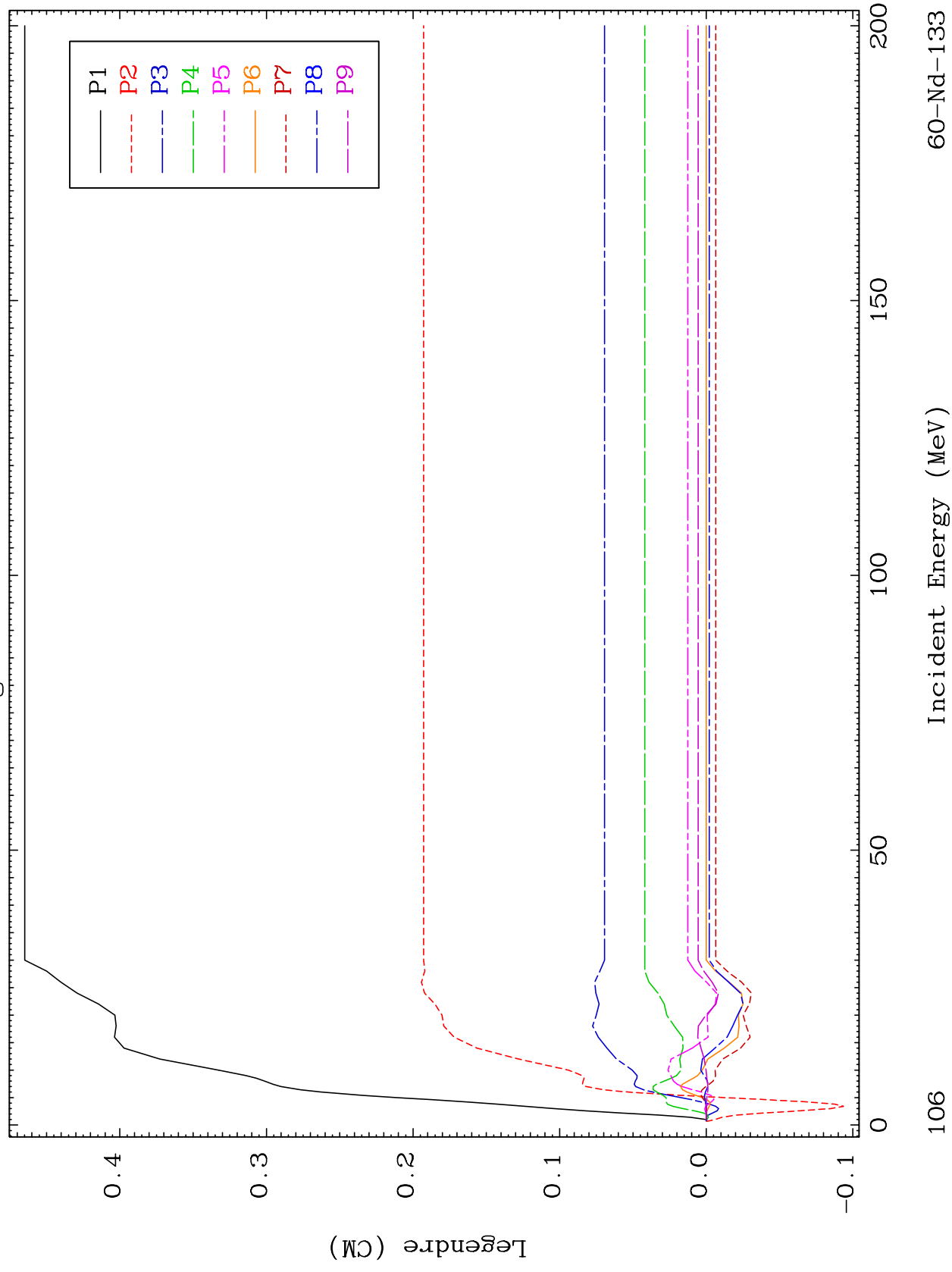
60-Nd-133

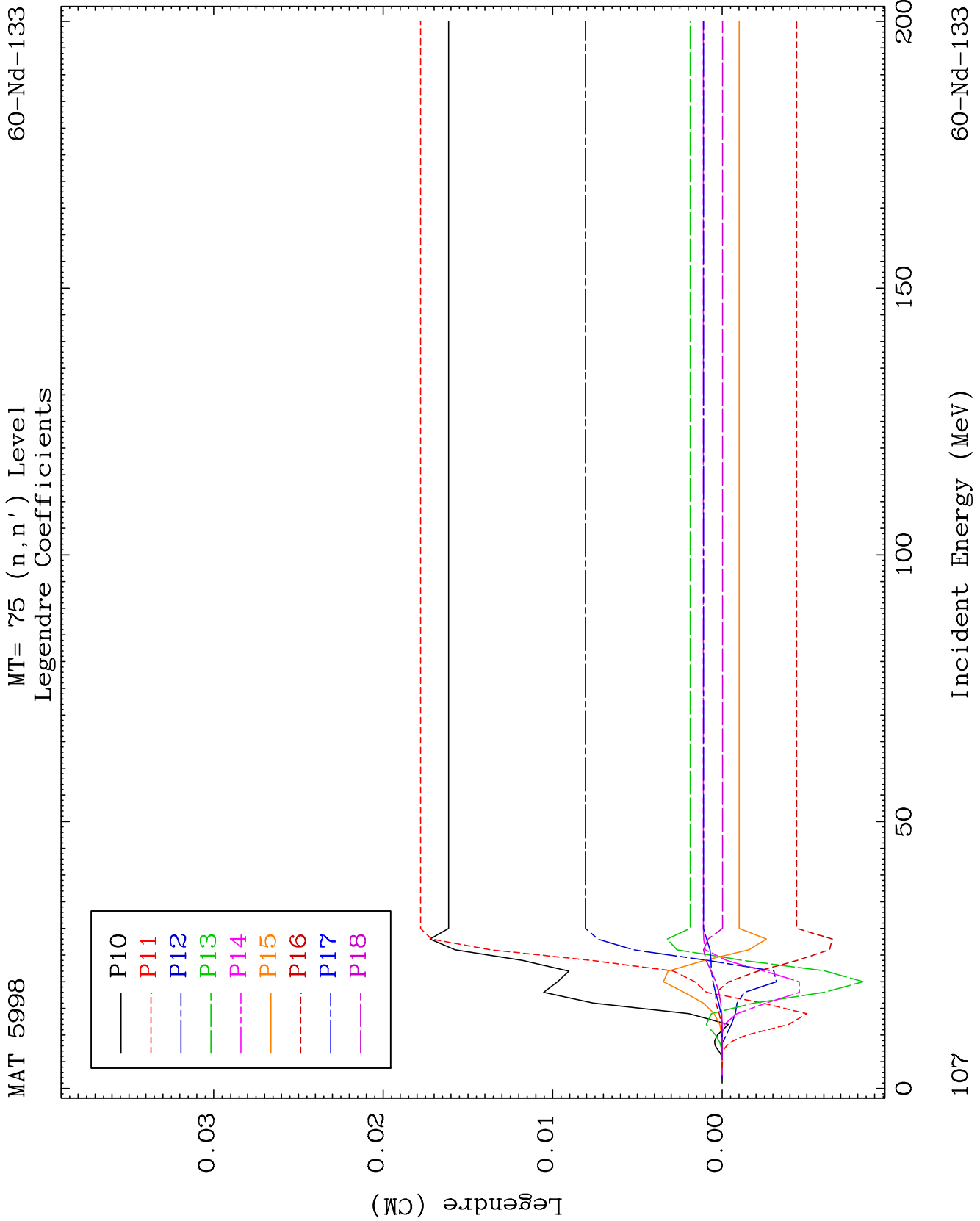


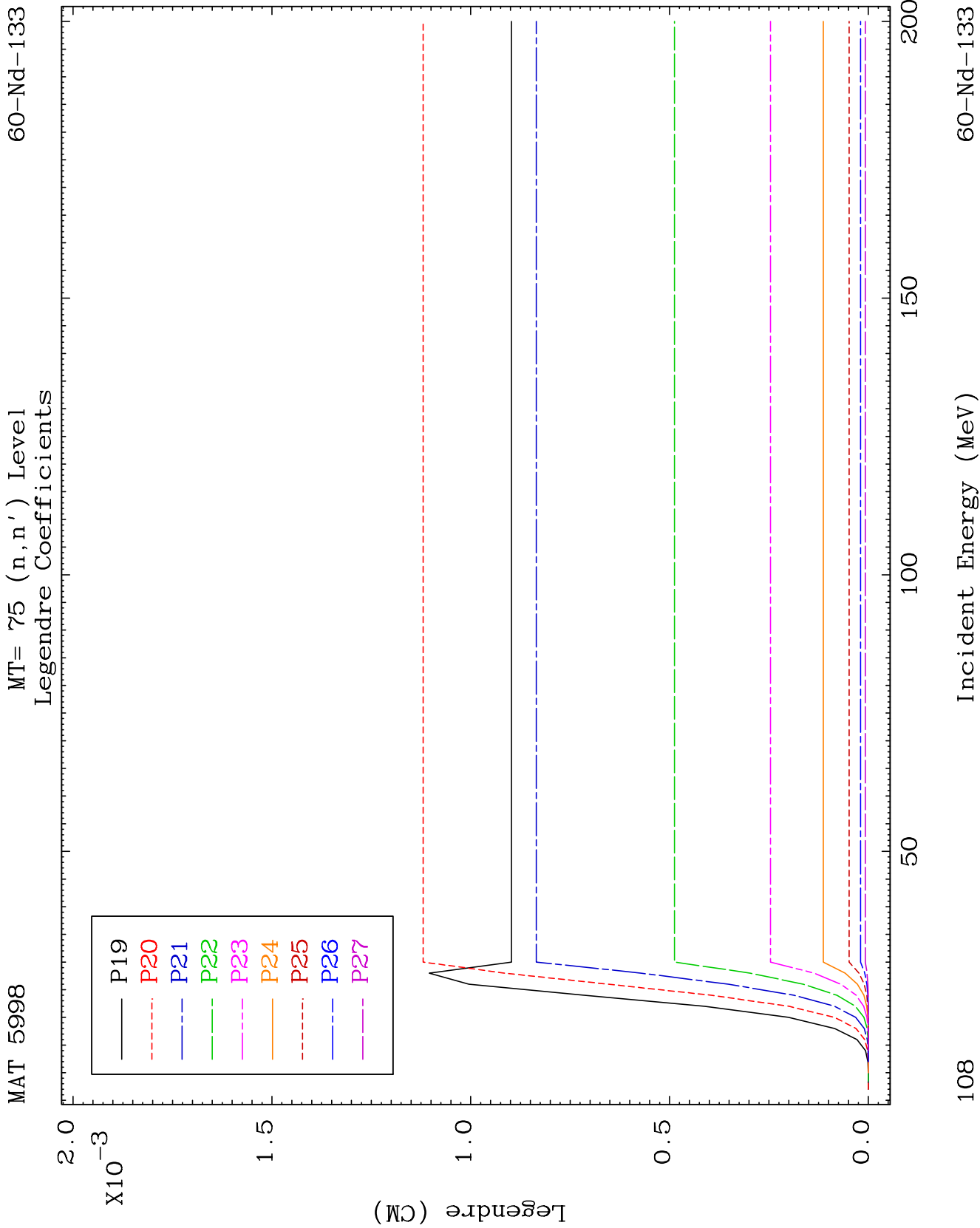
MAT 5998

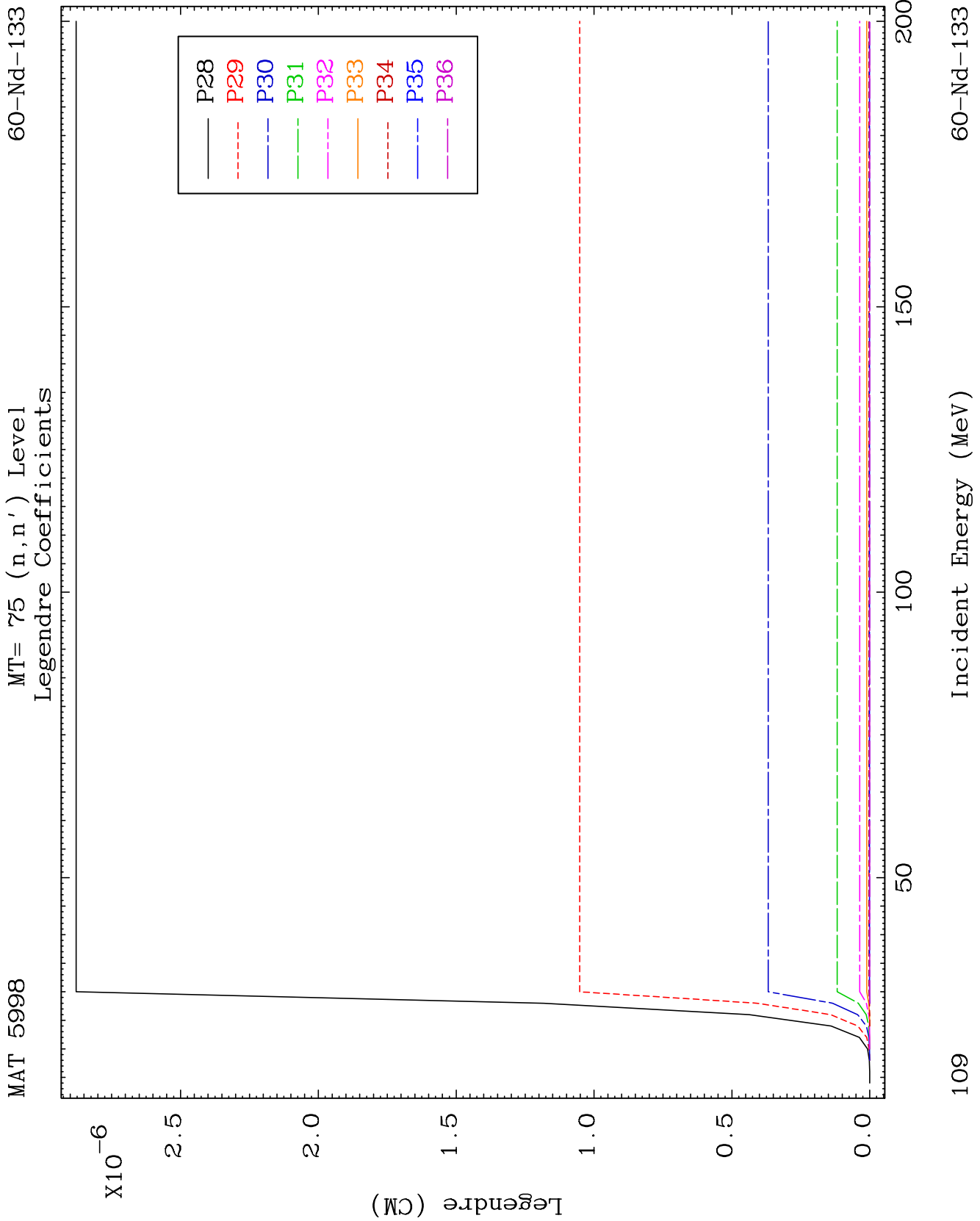
MT= 75 (n, n') Level
Legendre Coefficients

60-Nd-133





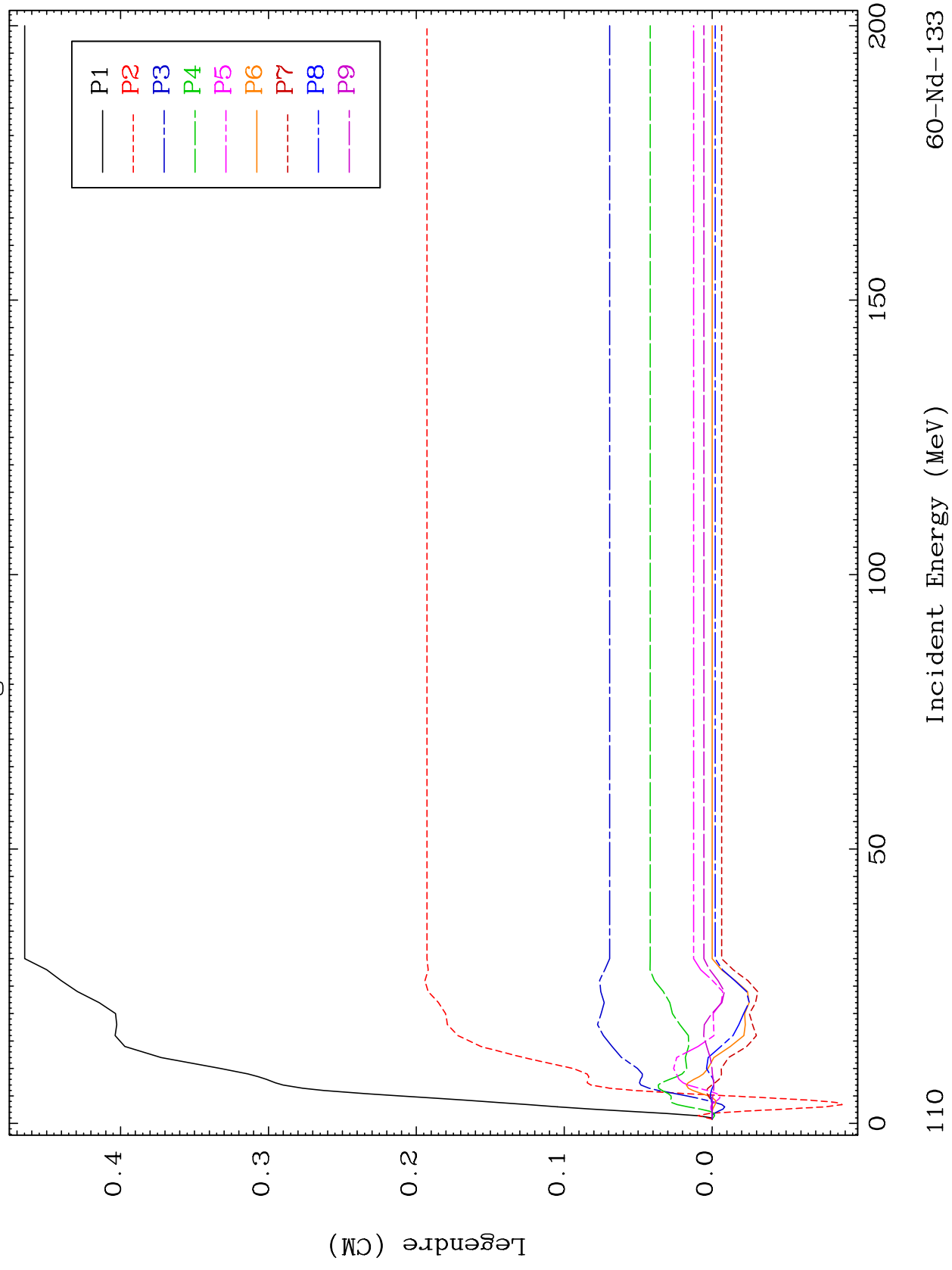


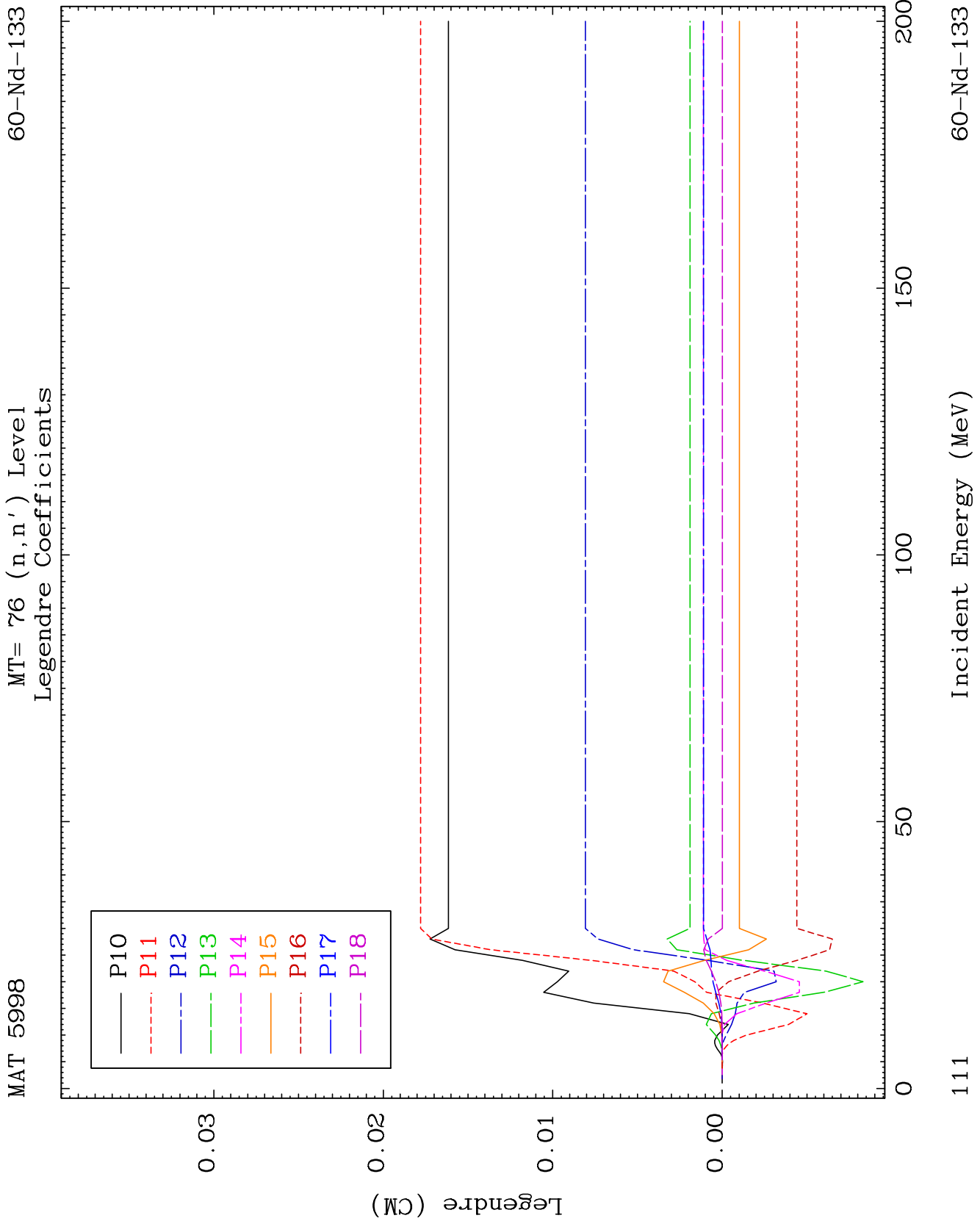


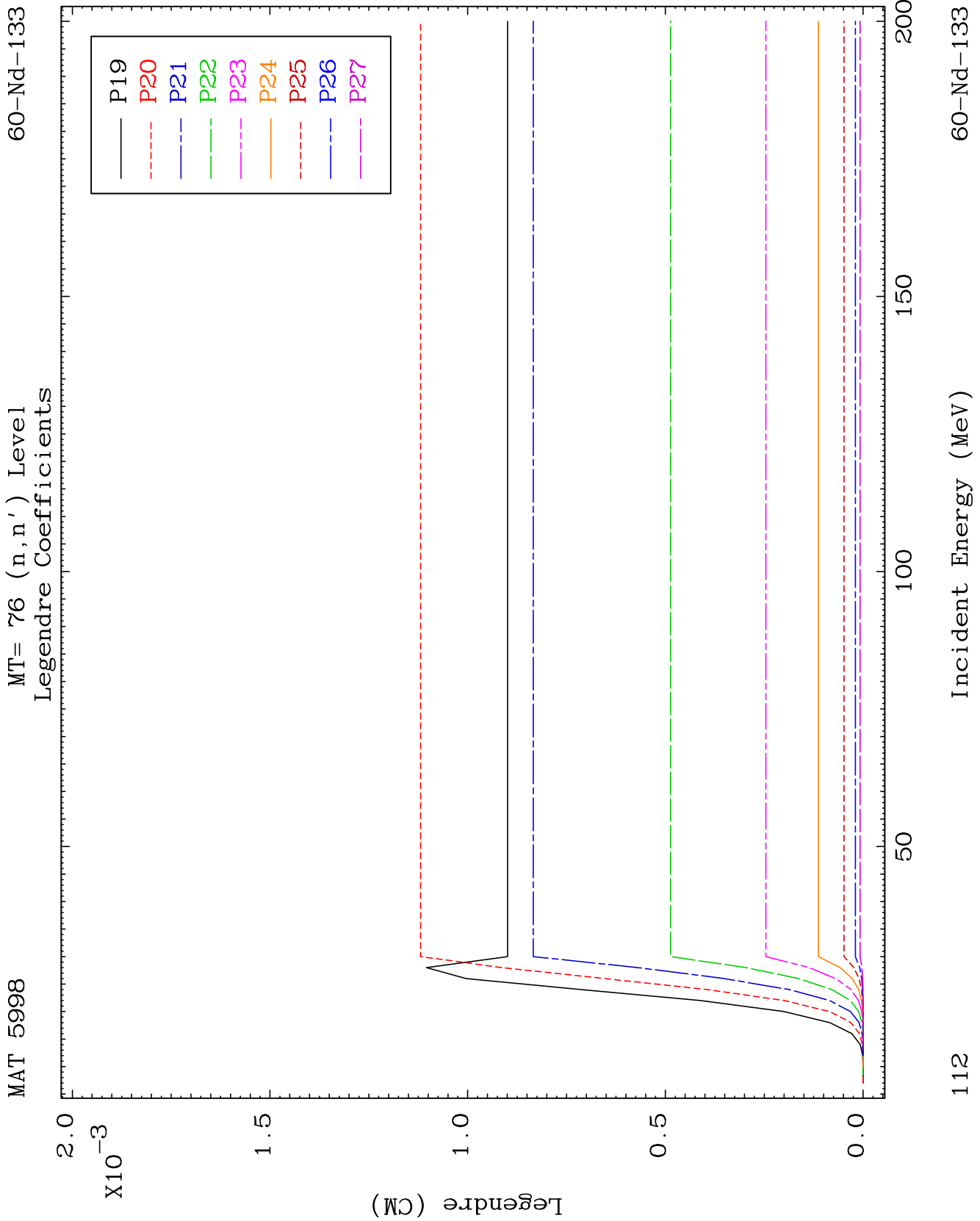
MAT 5998

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

60-Nd-133



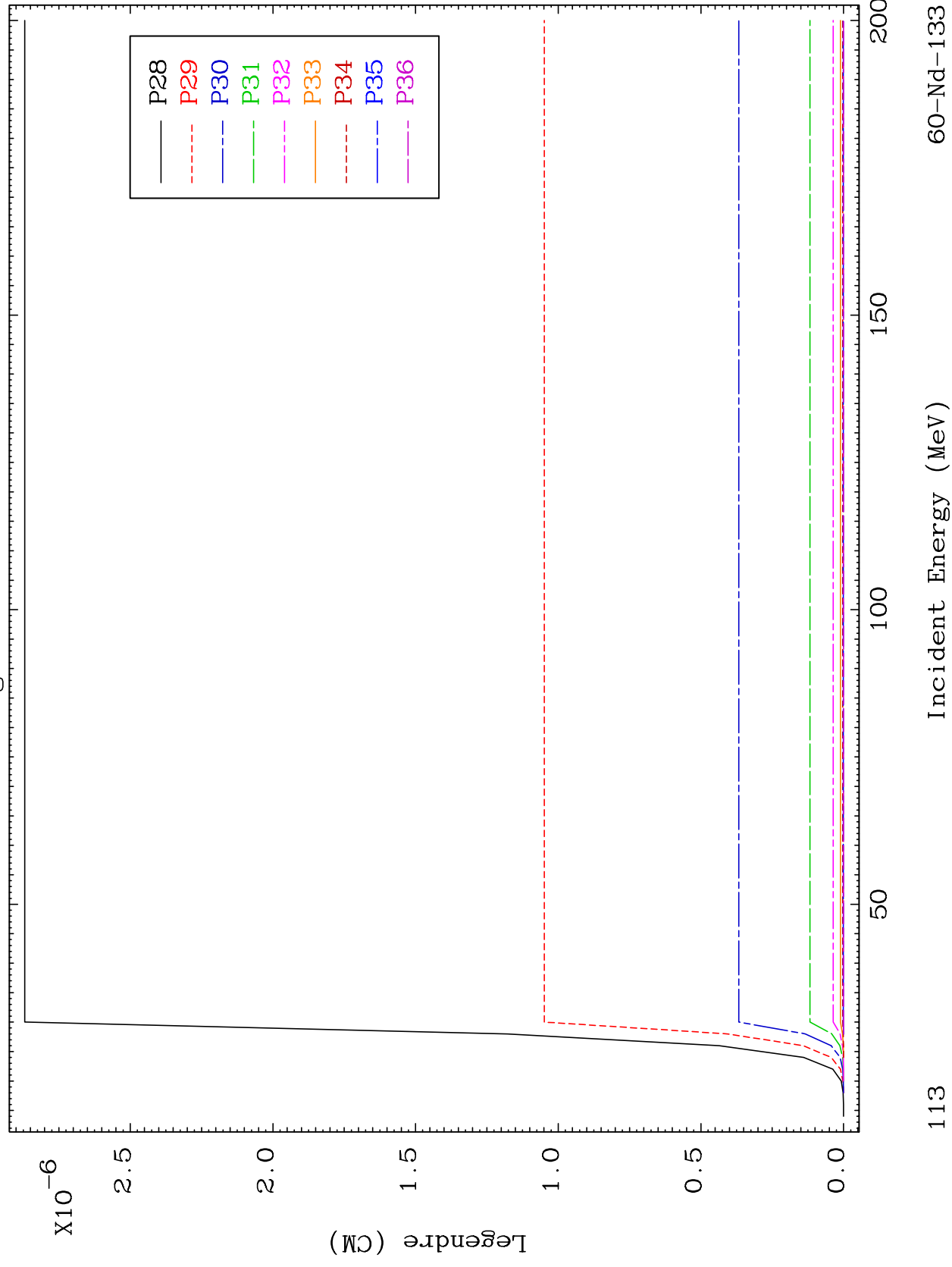




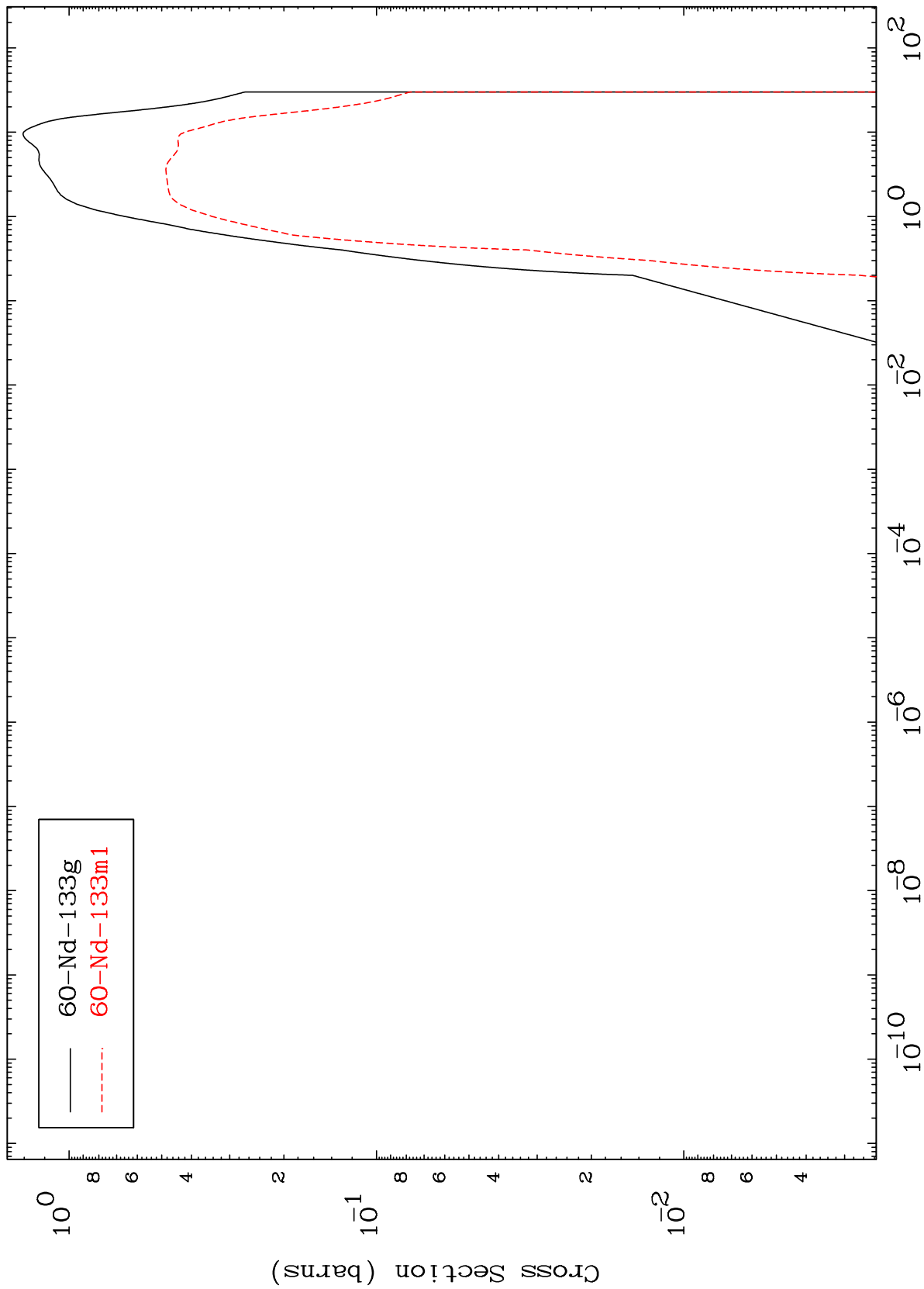
MAT 5998

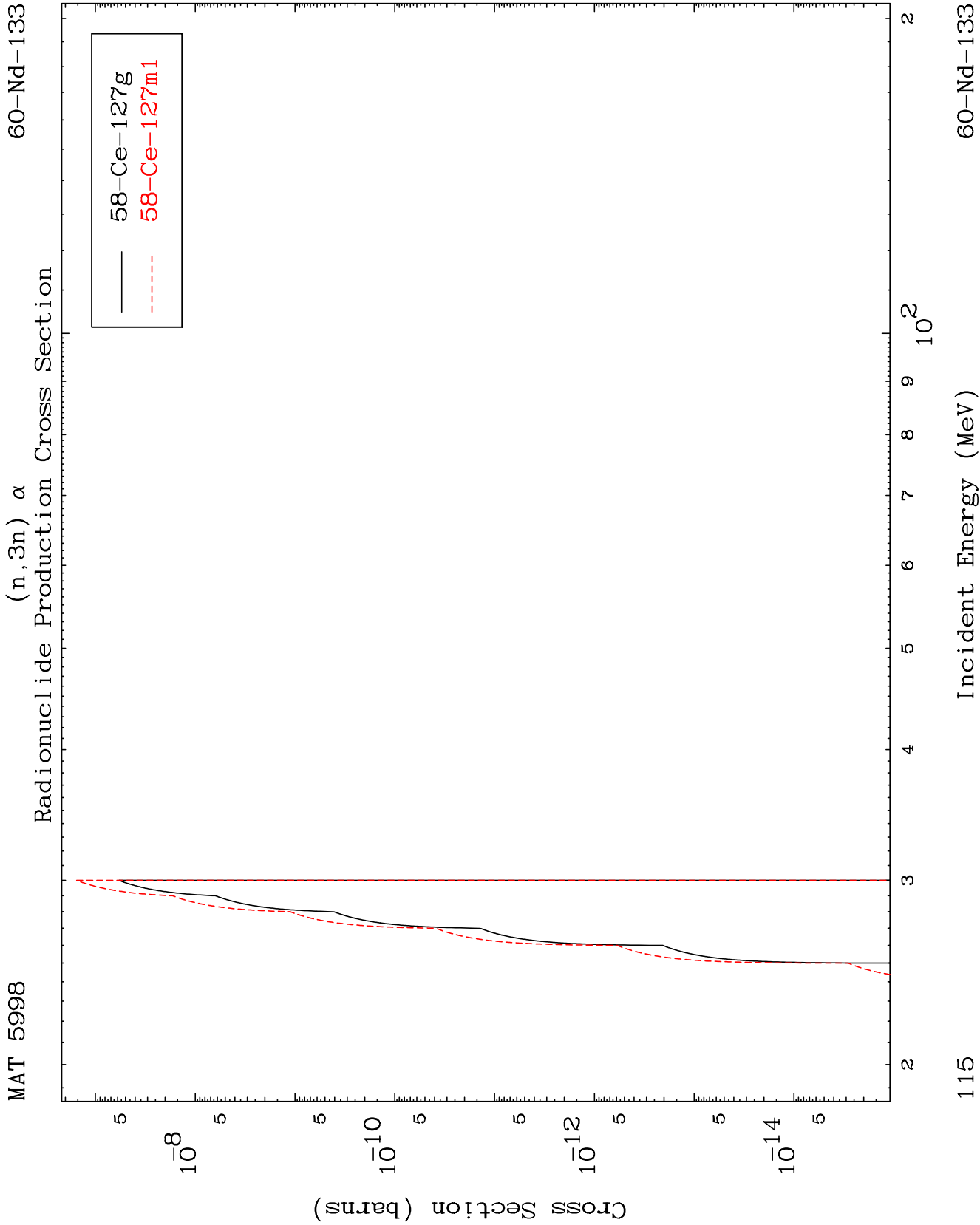
MT= 76 (n, n') Level
Legendre Coefficients

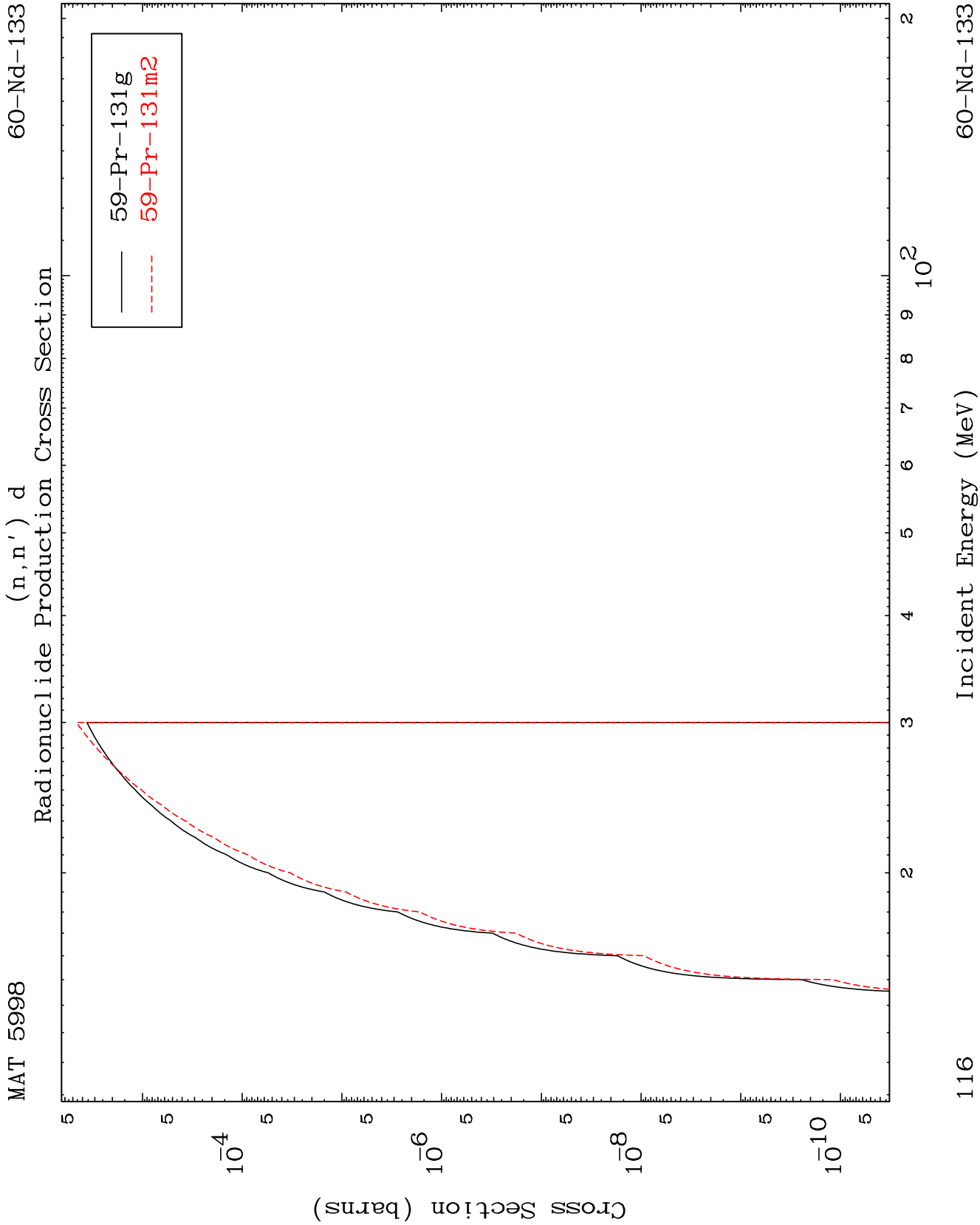
60-Nd-133



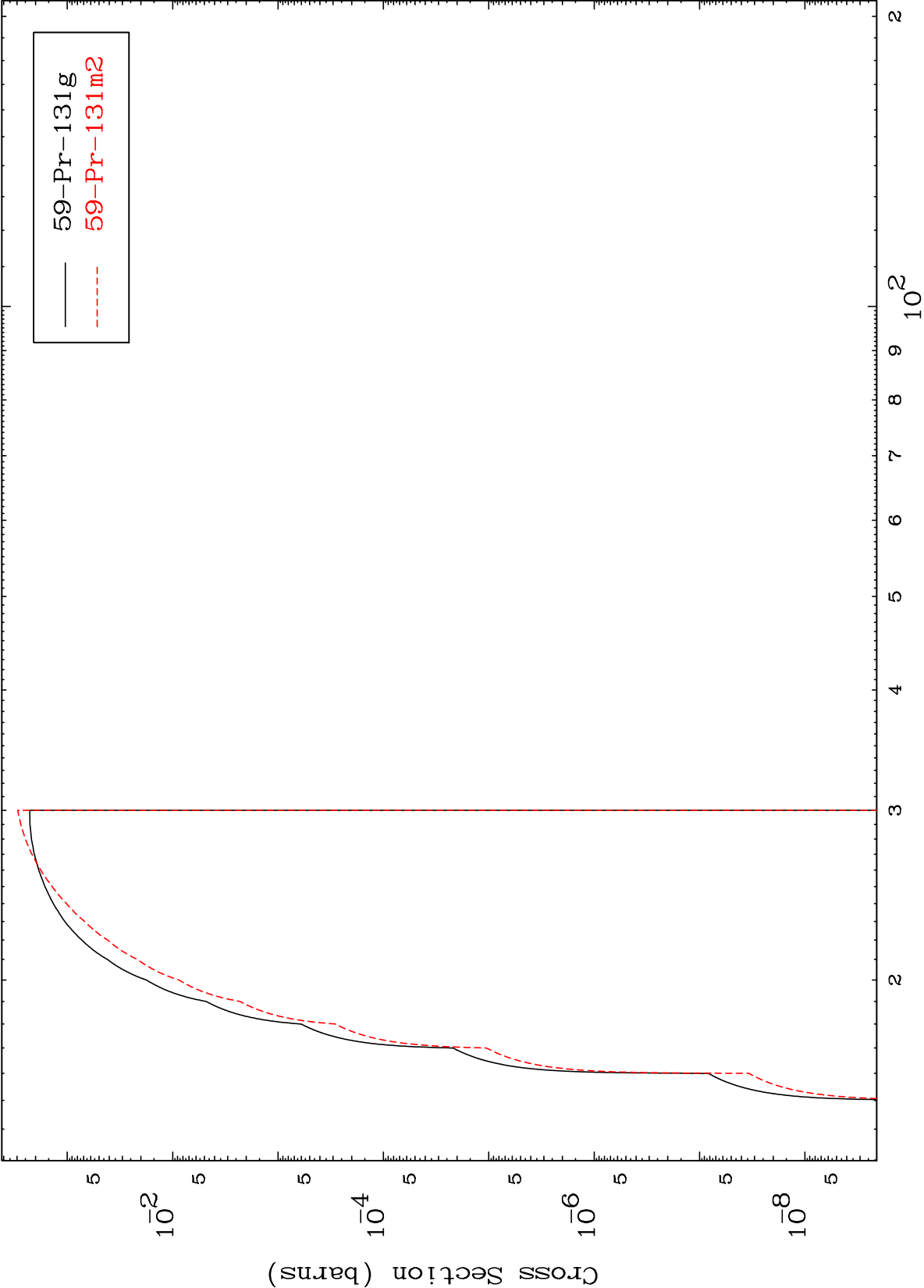
Inelastic Radionuclide Production Cross Section







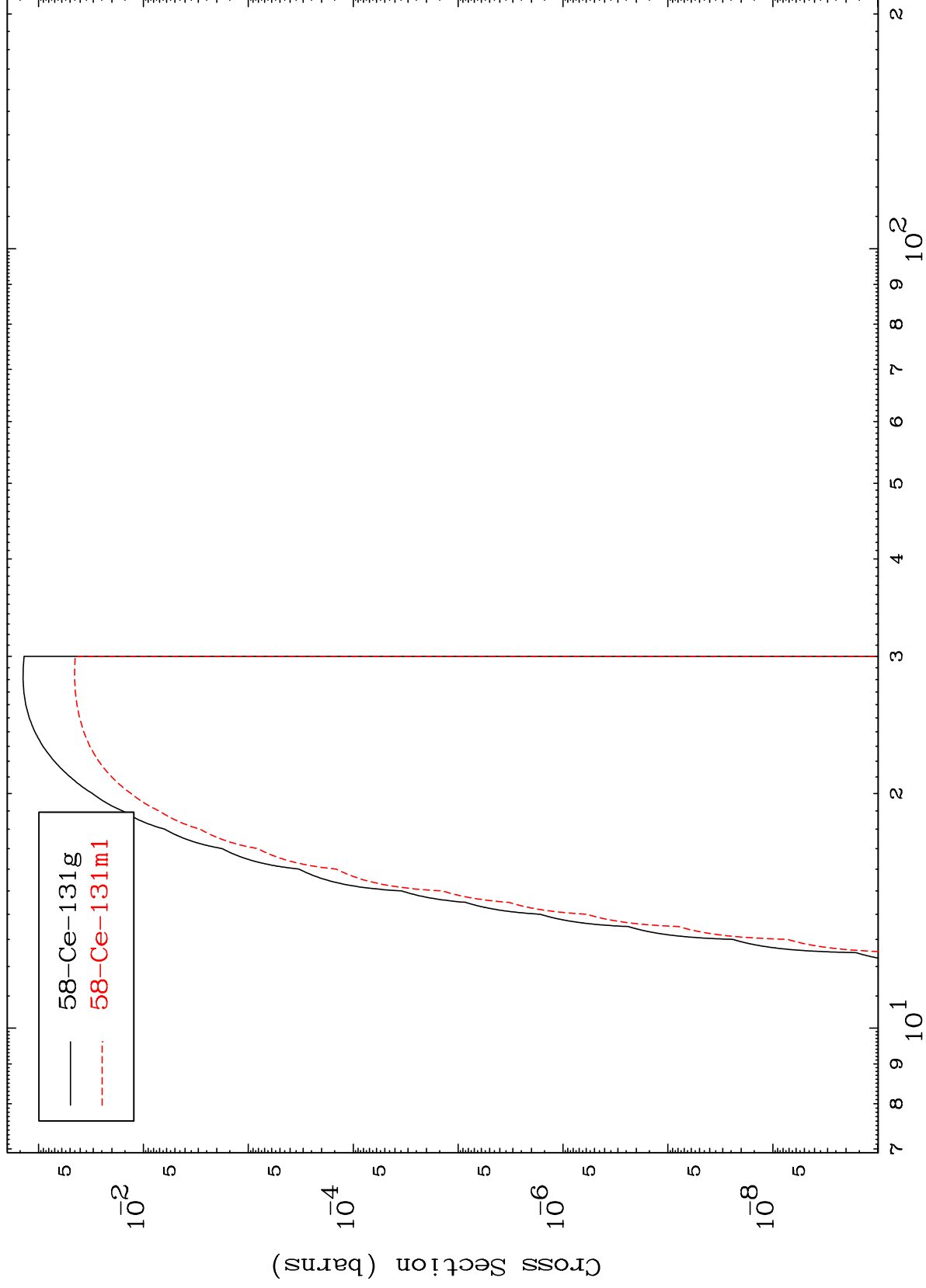
Radionuclide Production Cross Section



MAT 5998

60-Nd-133

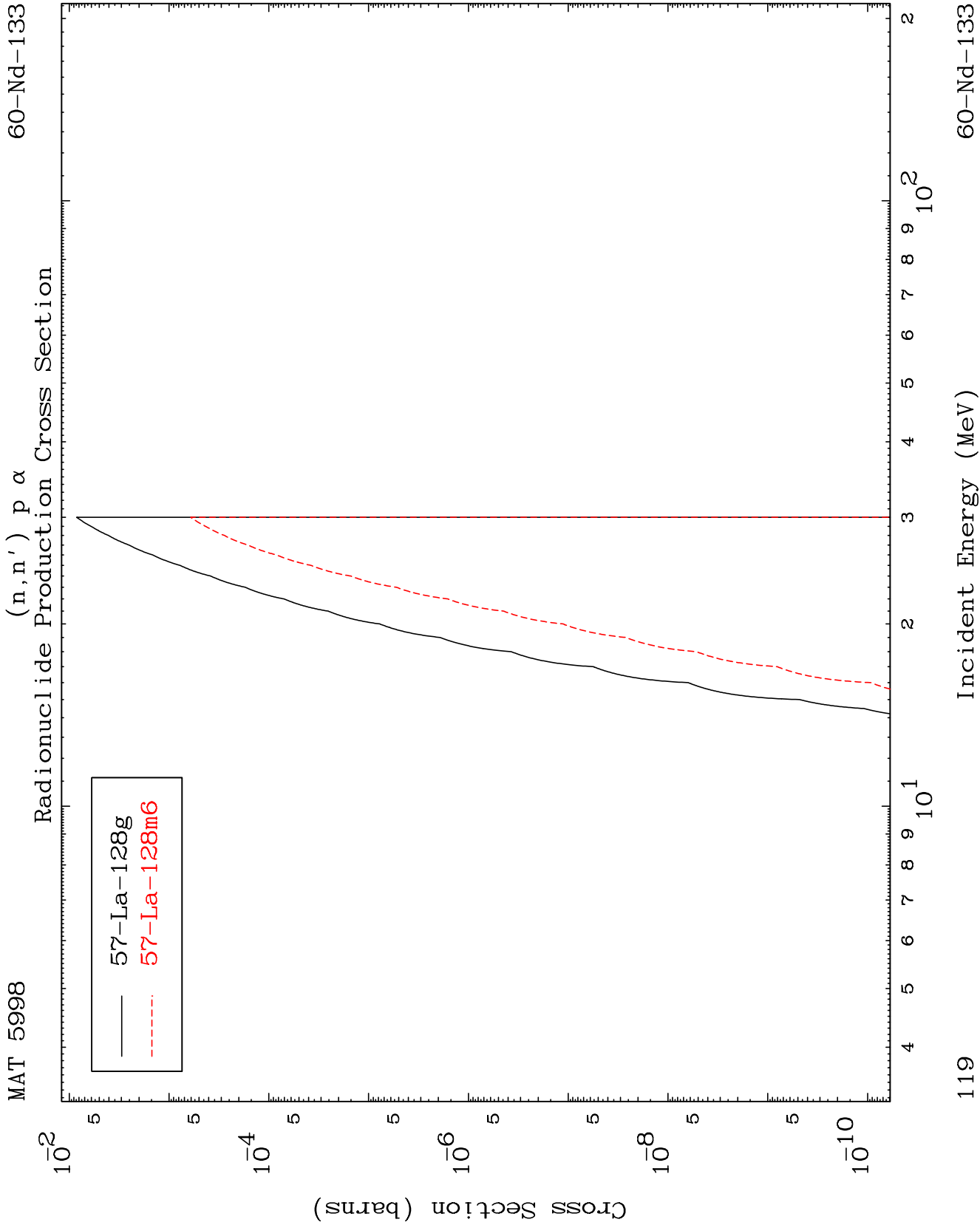
(n,2n) p
Radionuclide Production Cross Section

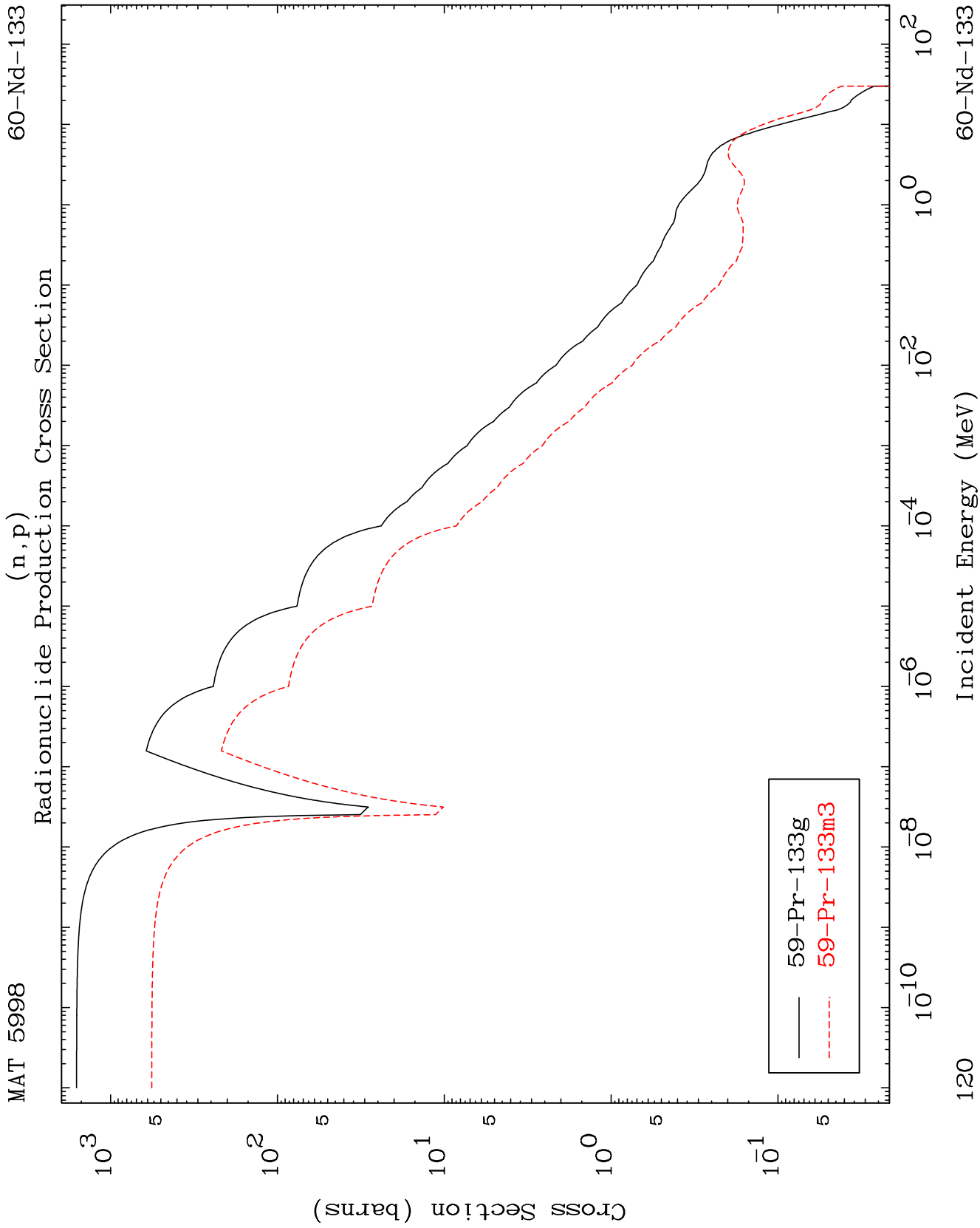


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Incident Energy (MeV)

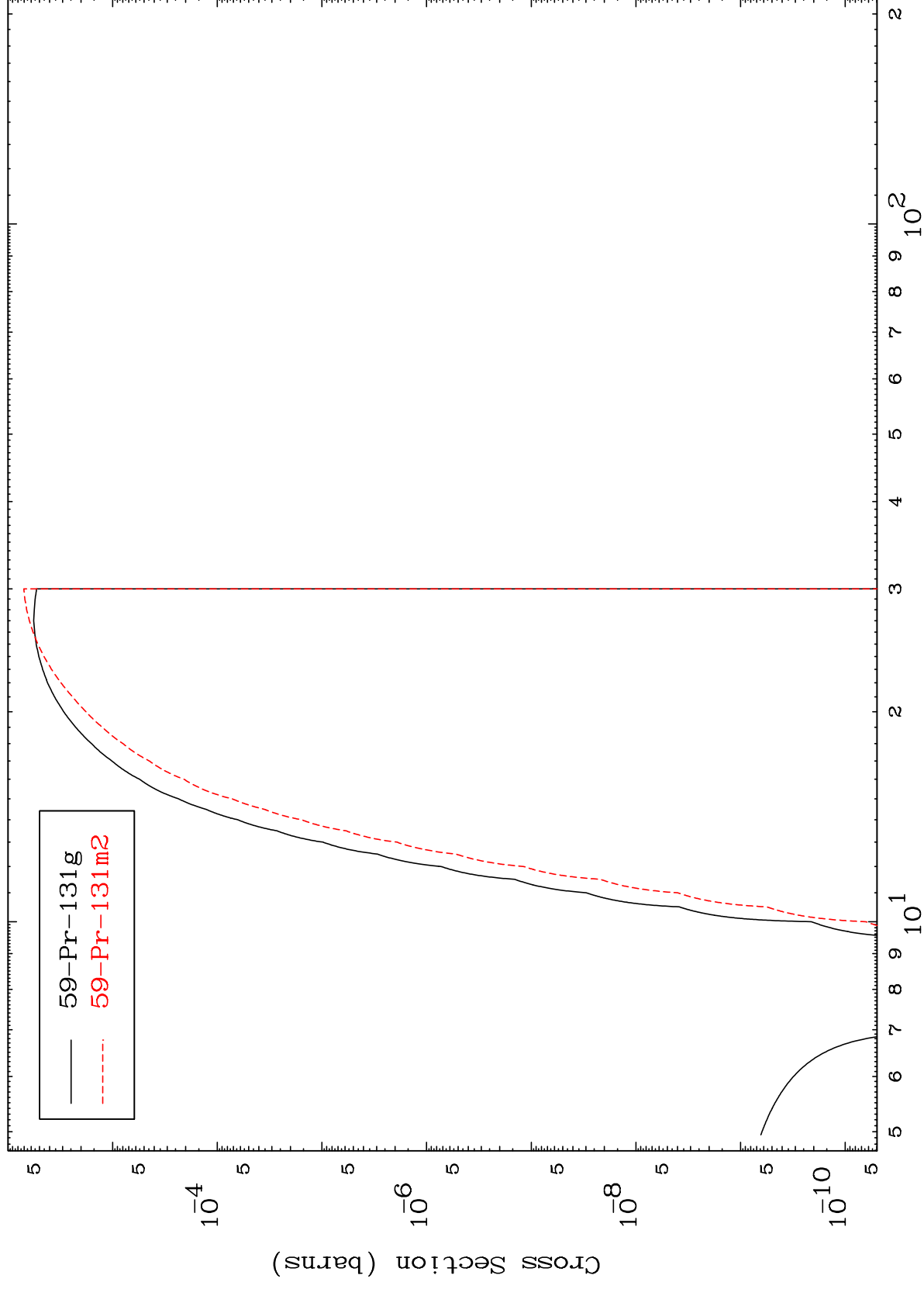
60-Nd-133





MAT 5998

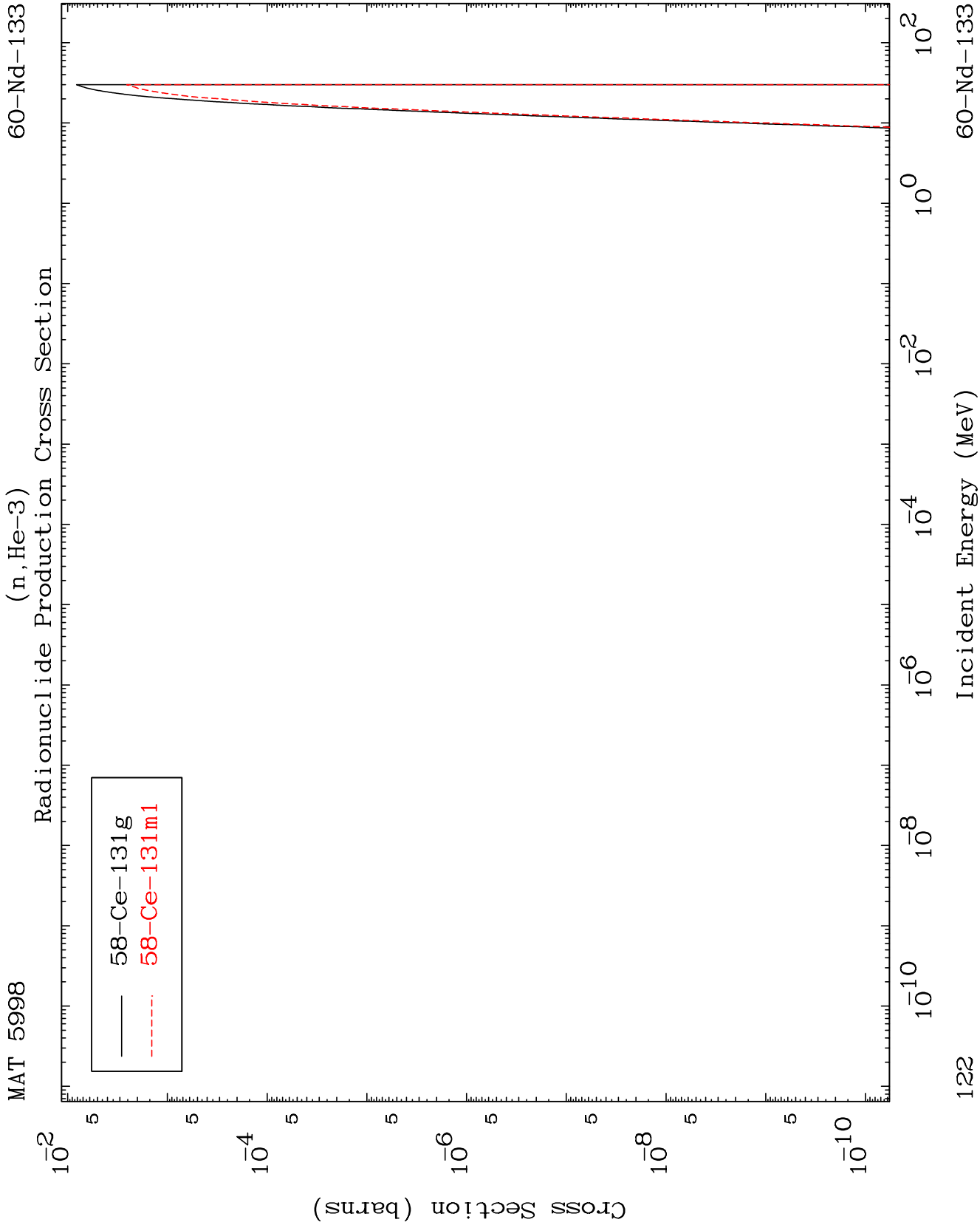
60-Nd-133

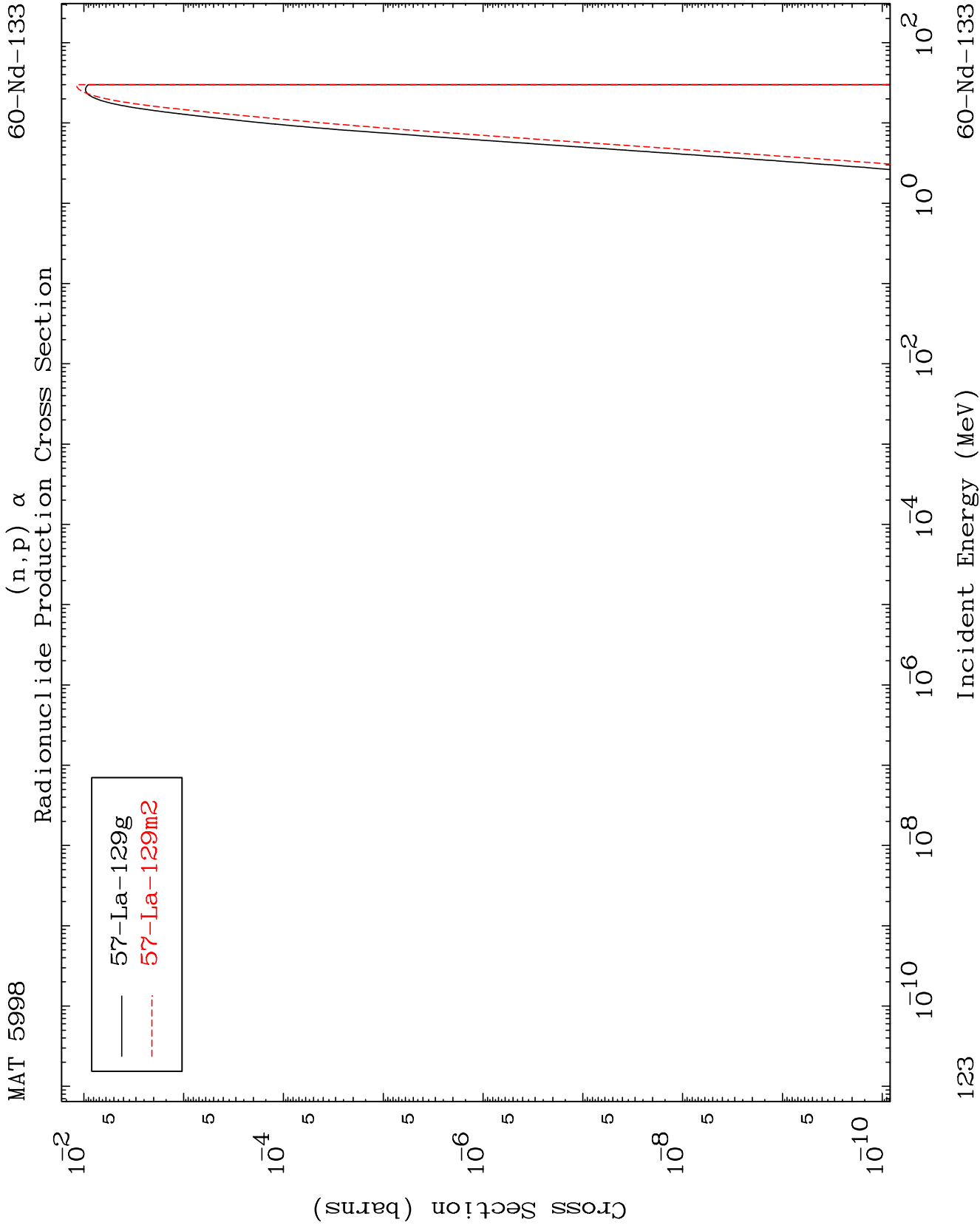
Radionuclide Production Cross Section
(n, t)

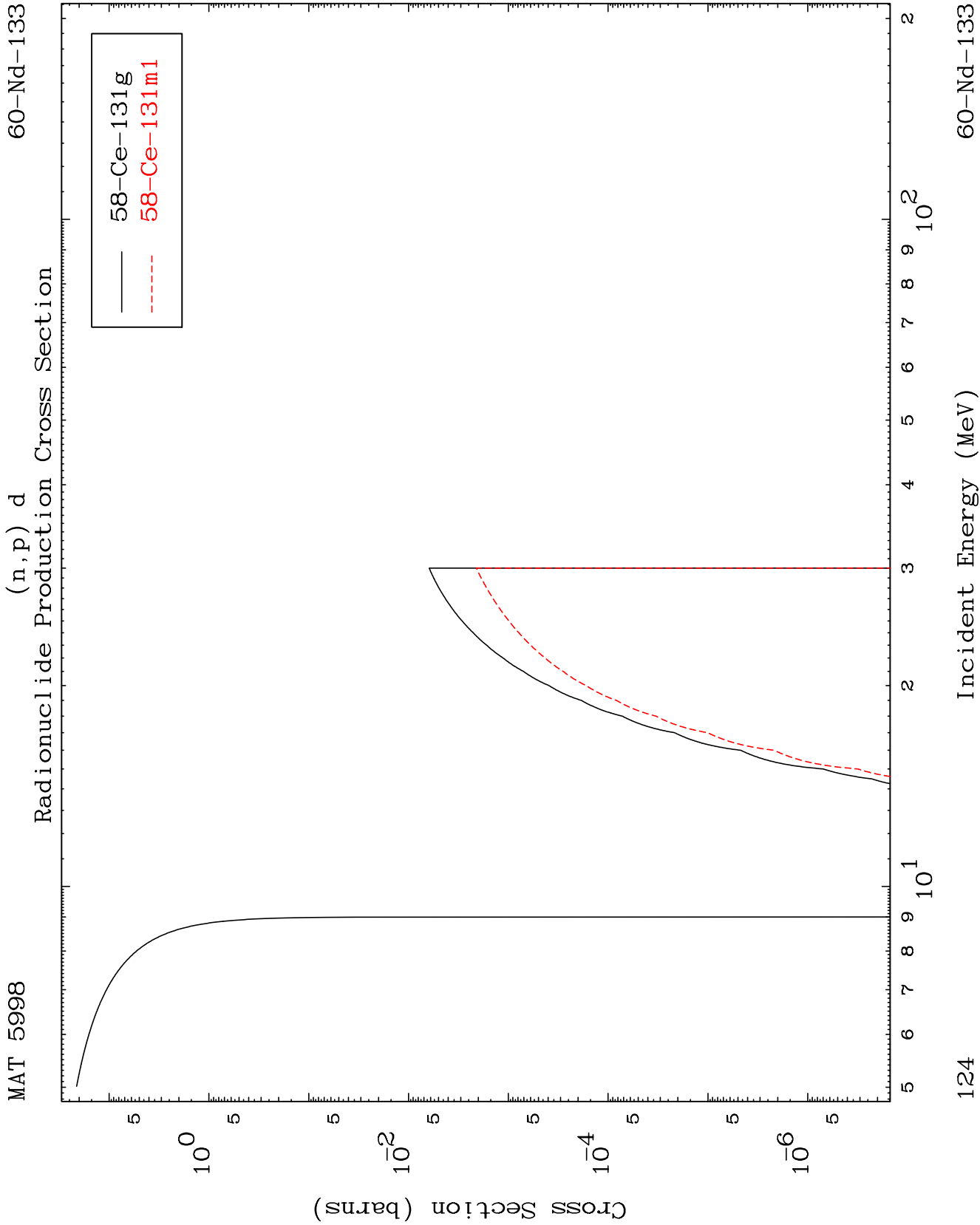
121

Incident Energy (MeV)

60-Nd-133



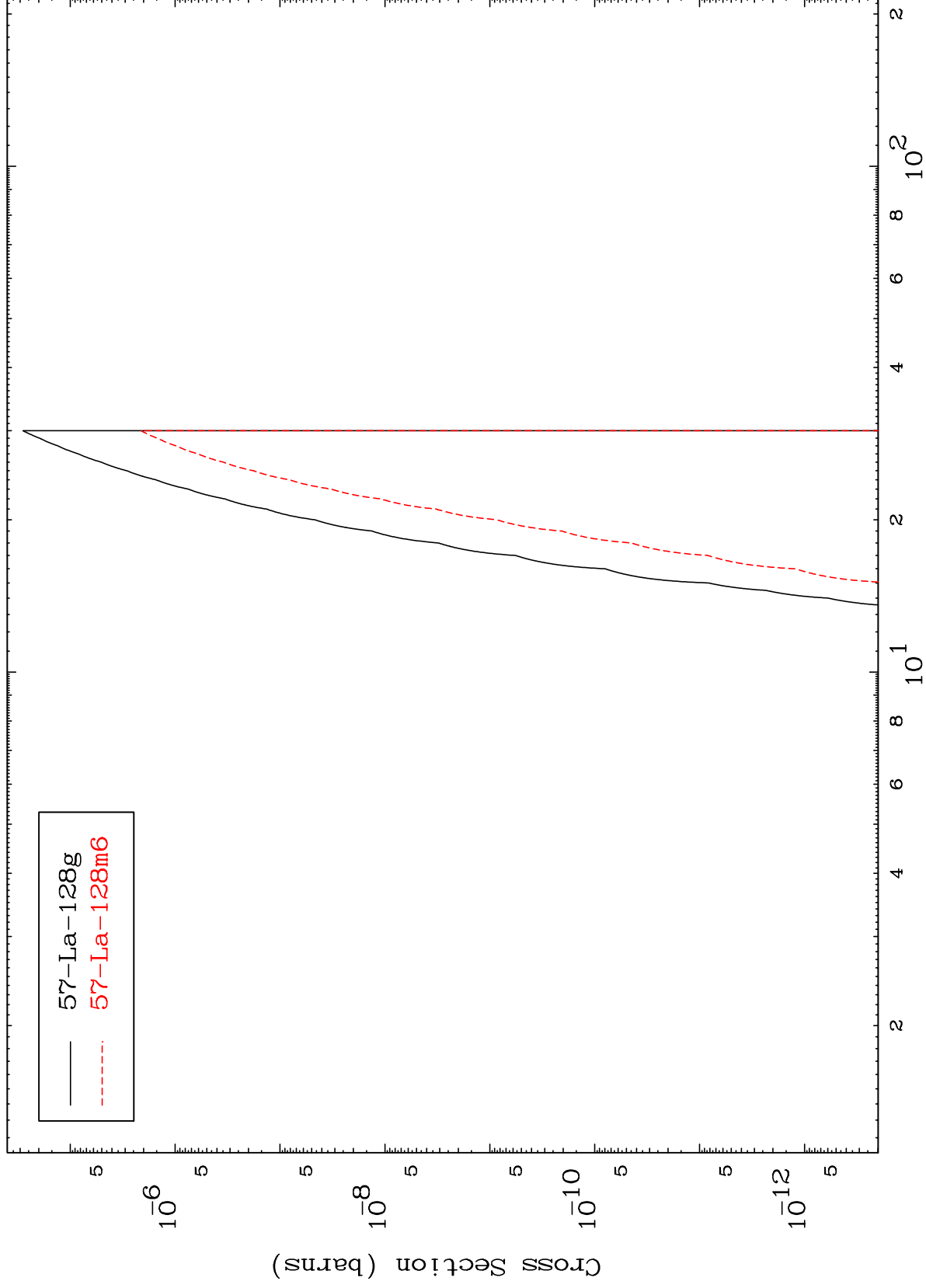




MAT 5998

60-Nd-133

(n,d) α
Radionuclide Production Cross Section



125

Incident Energy (MeV)

60-Nd-133