

Program EVALPLOT
(Version 2021-1)

by

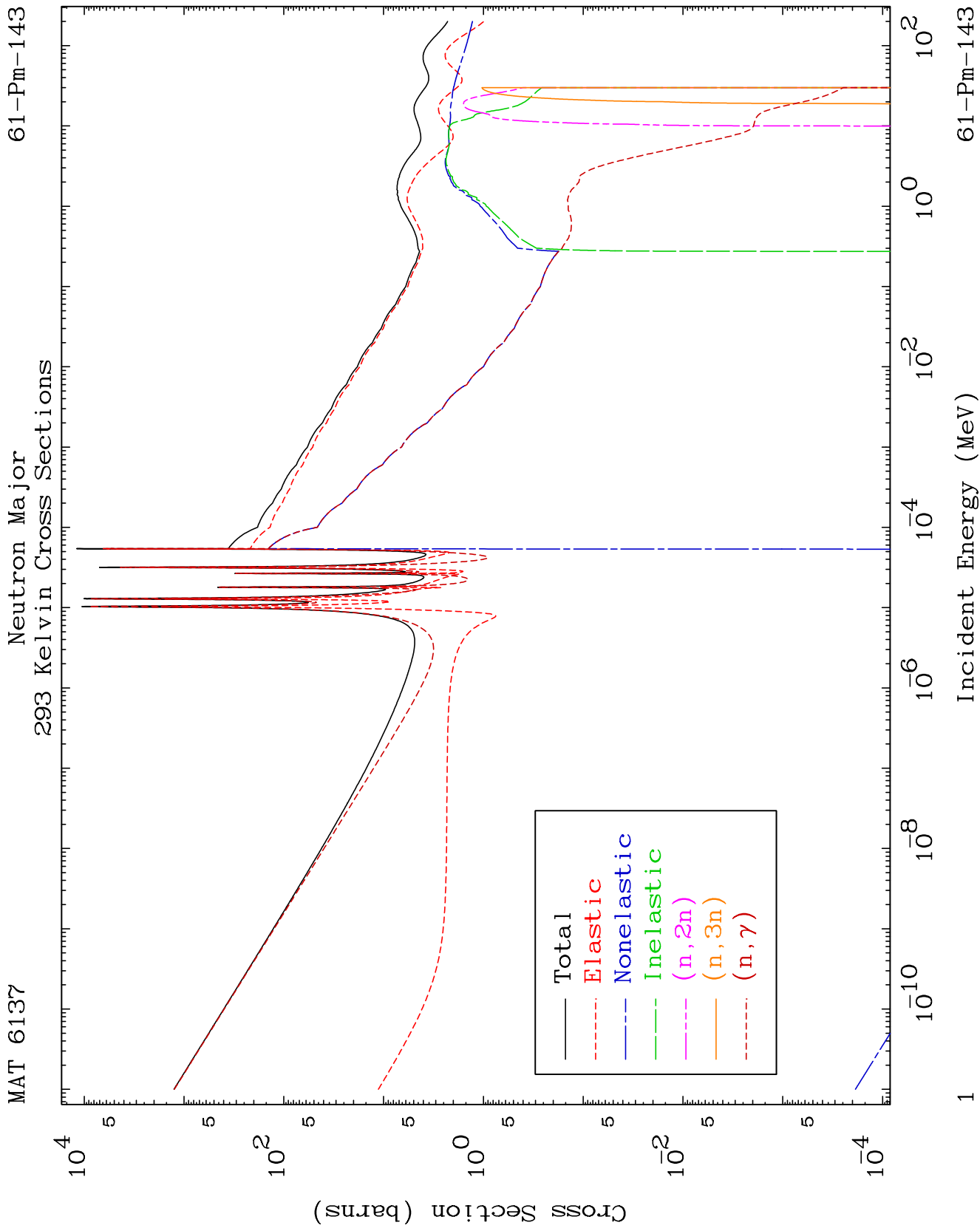
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start

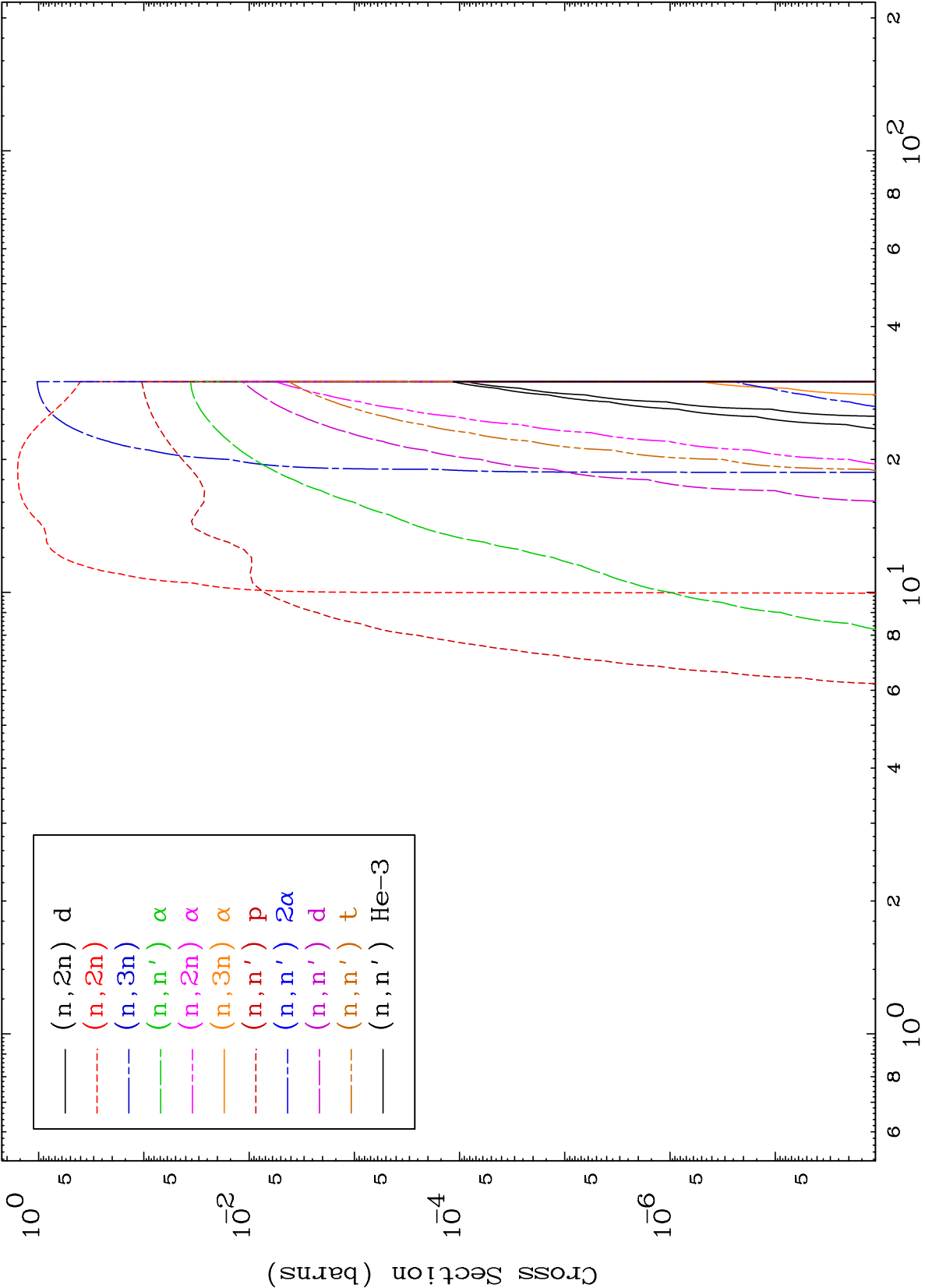


MAT 6137

Neutron Absorption

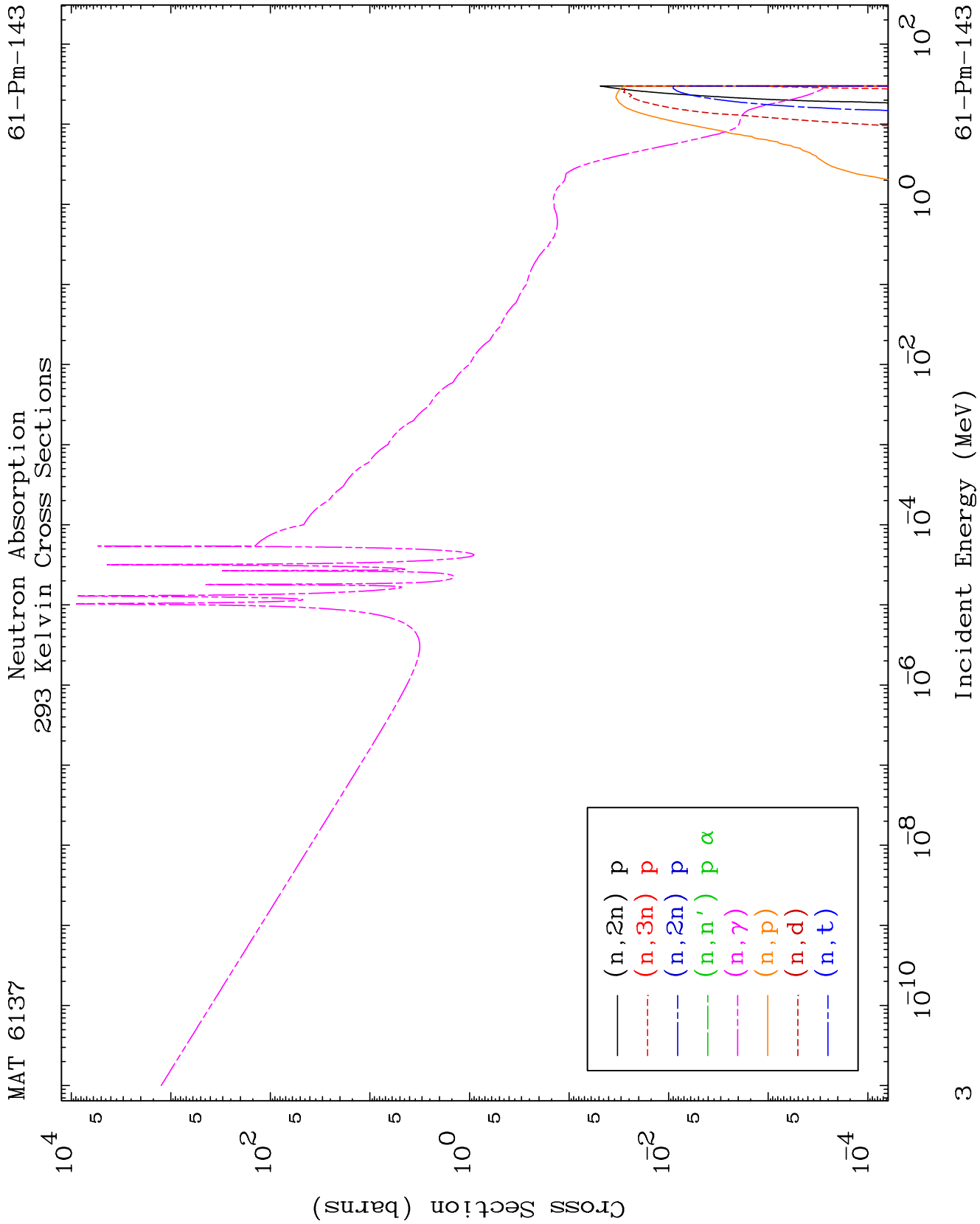
293 Kelvin Cross Sections

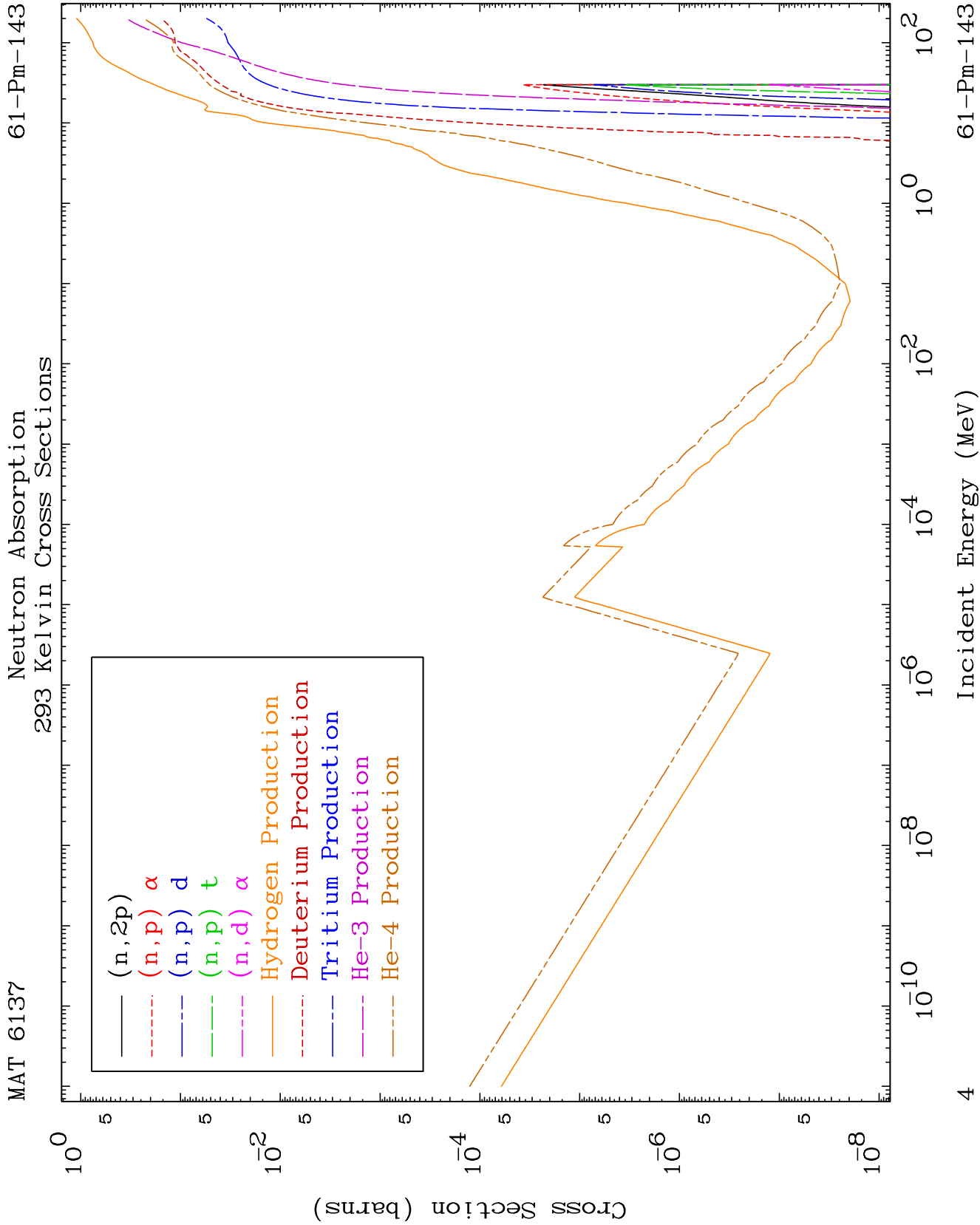
61-Pm-143

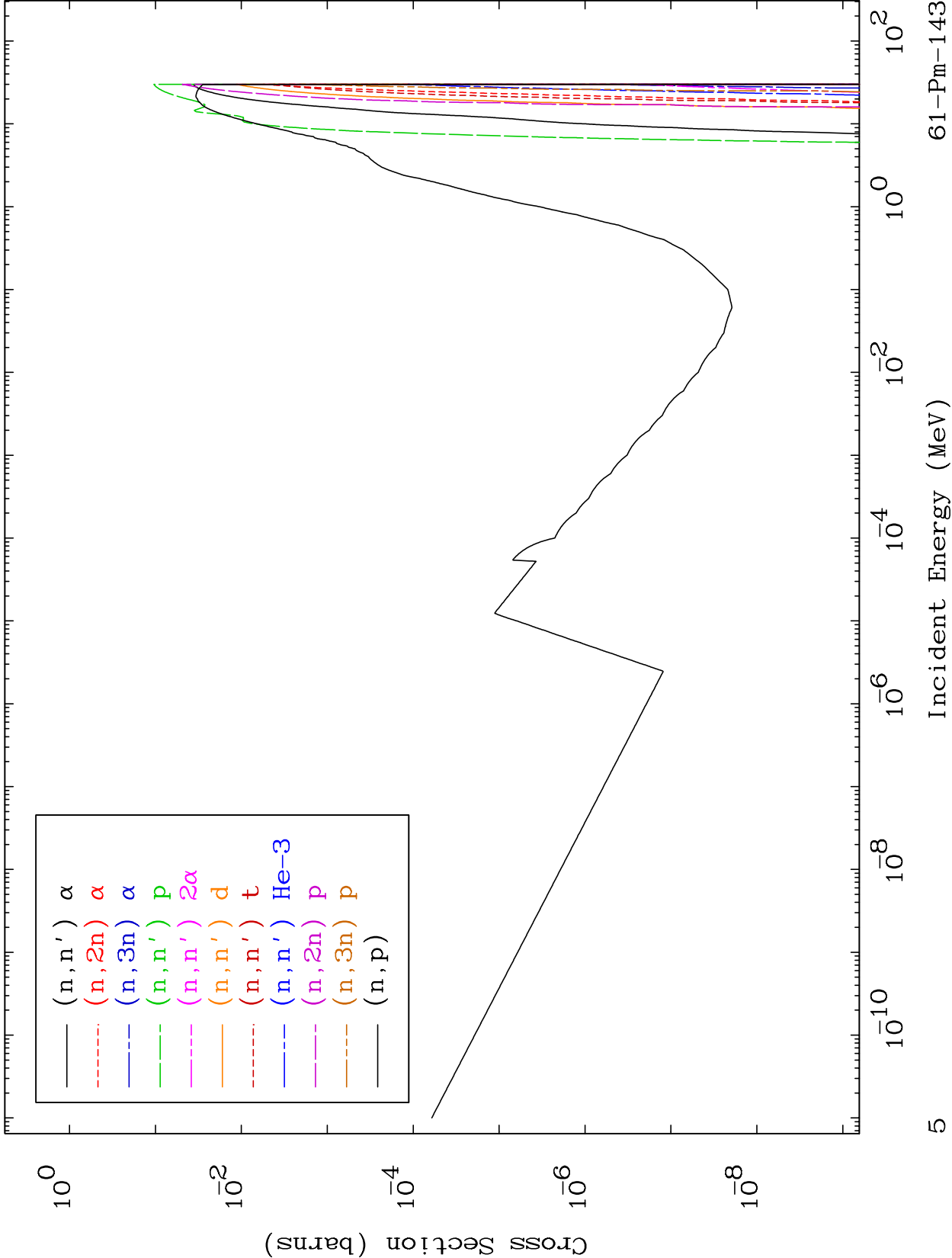


Incident Energy (MeV)

61-Pm-143



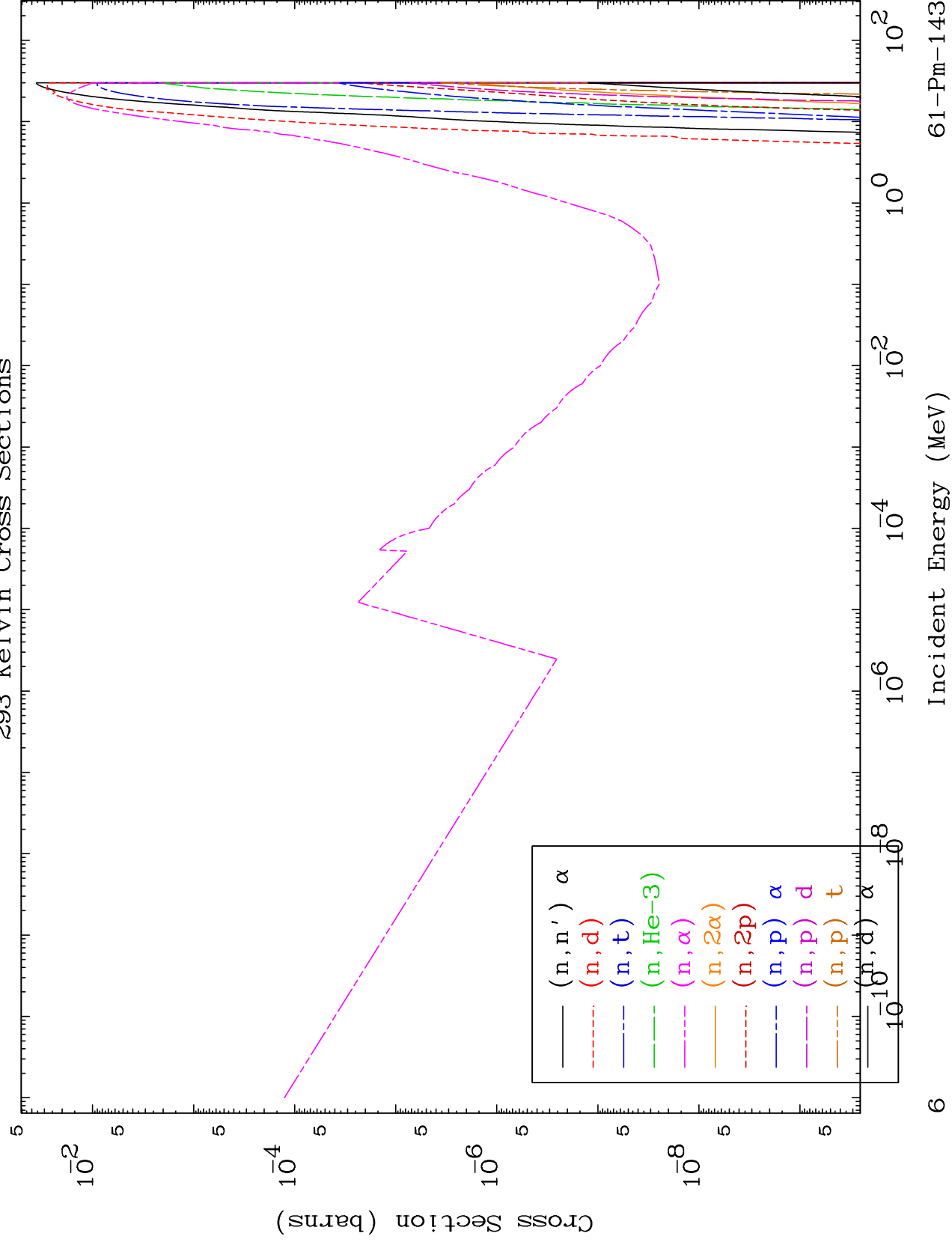


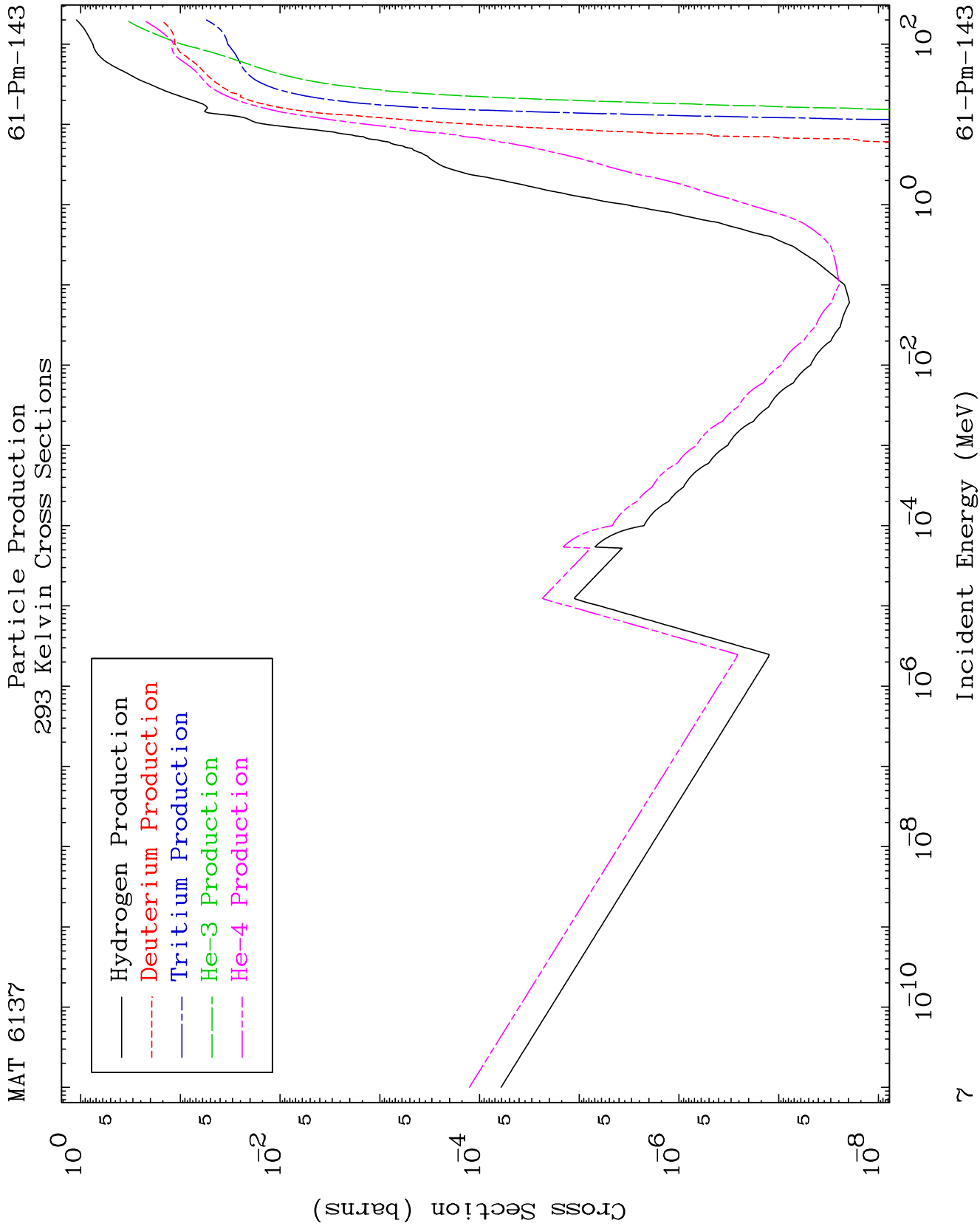


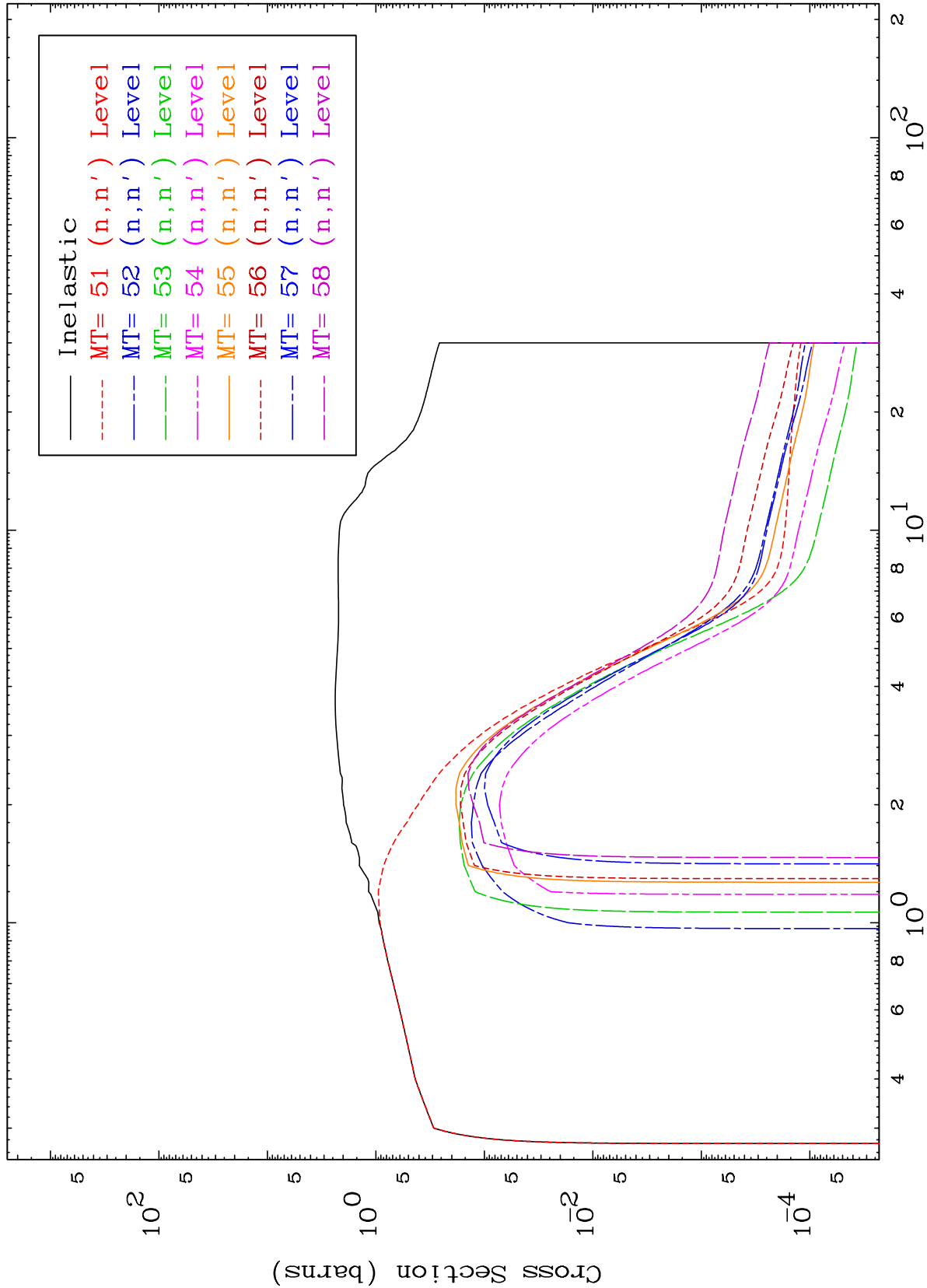
MAT 6137

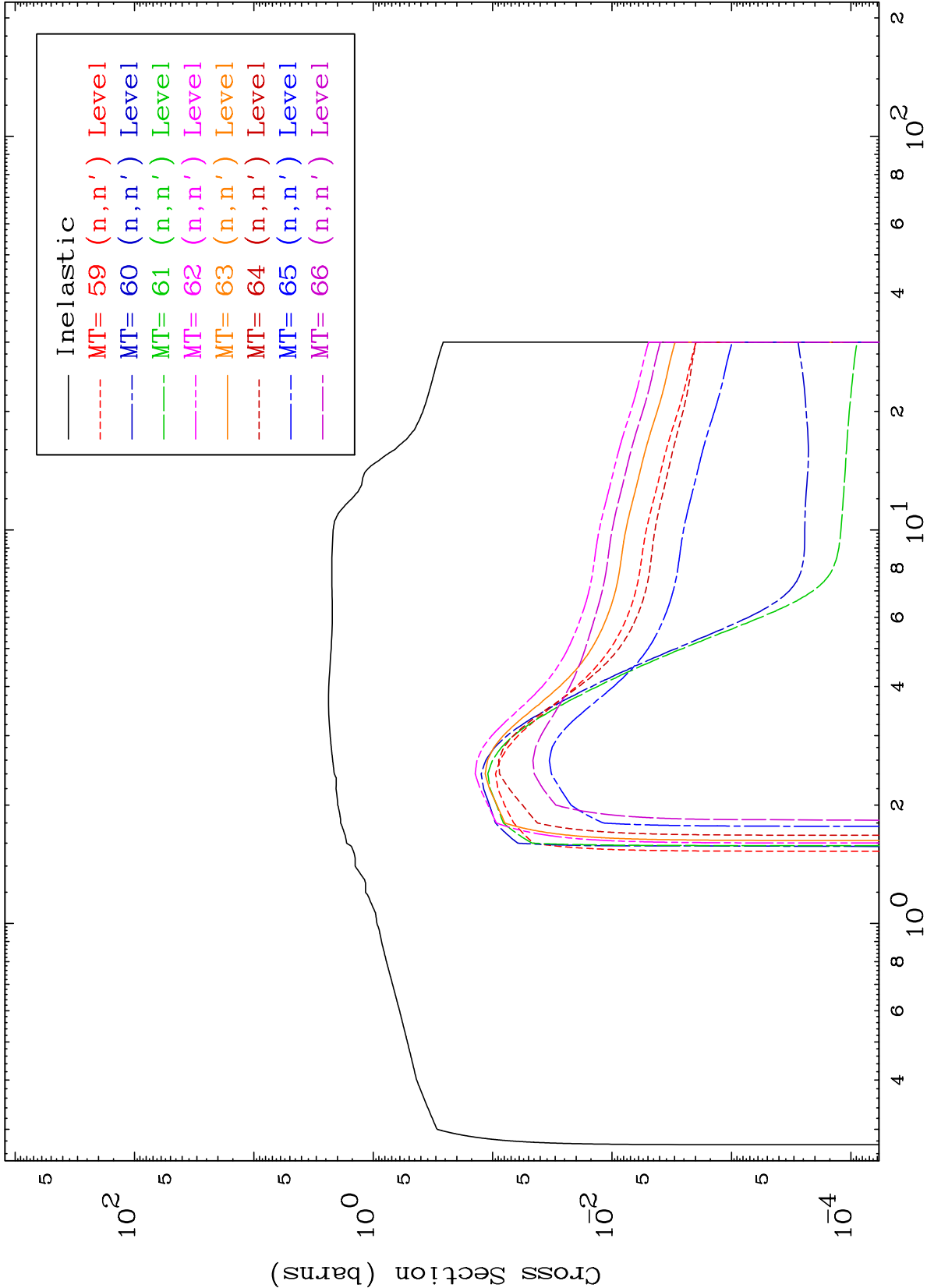
Charged Particle
293 Kelvin Cross Sections

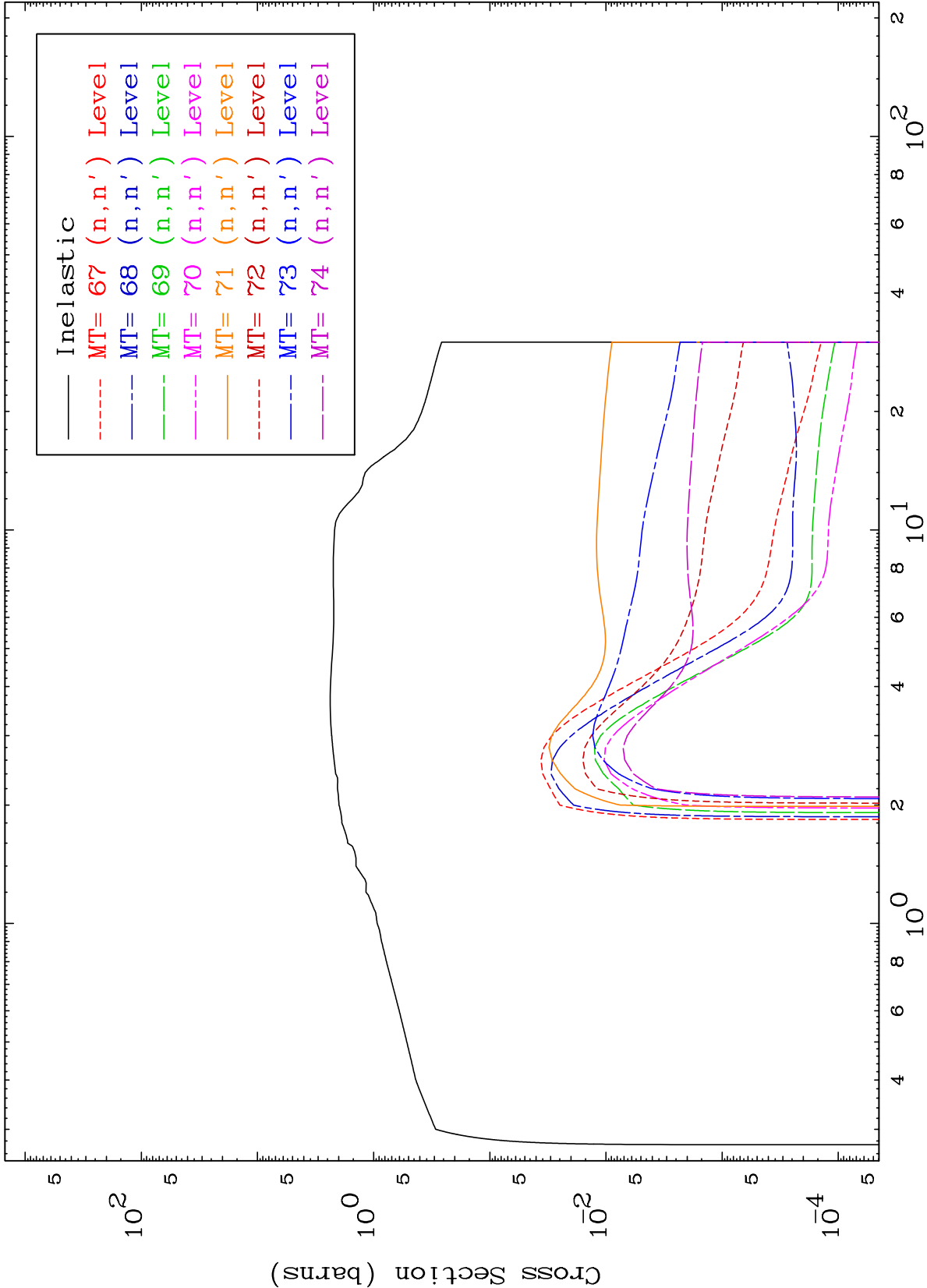
61-Pm-143



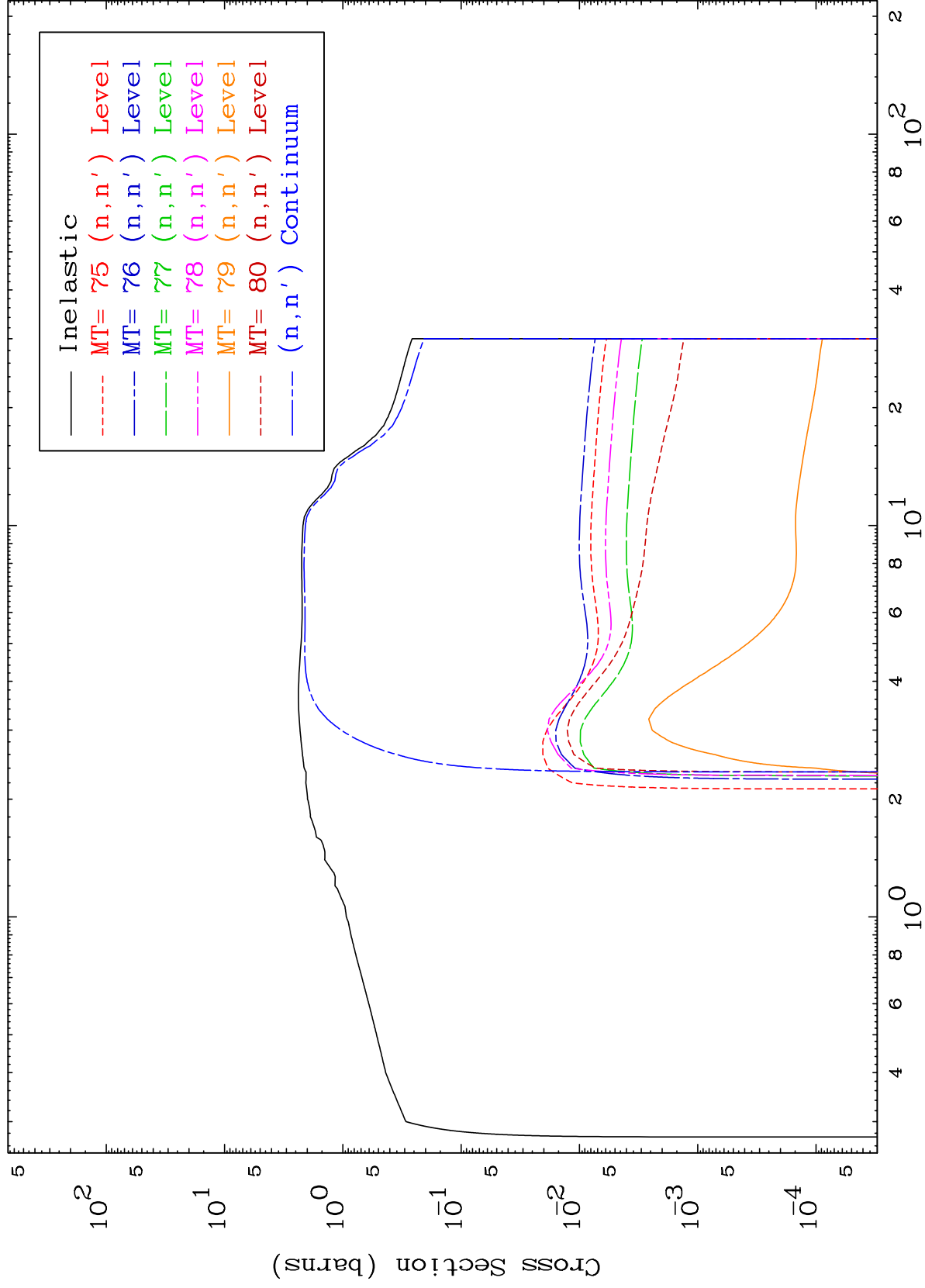








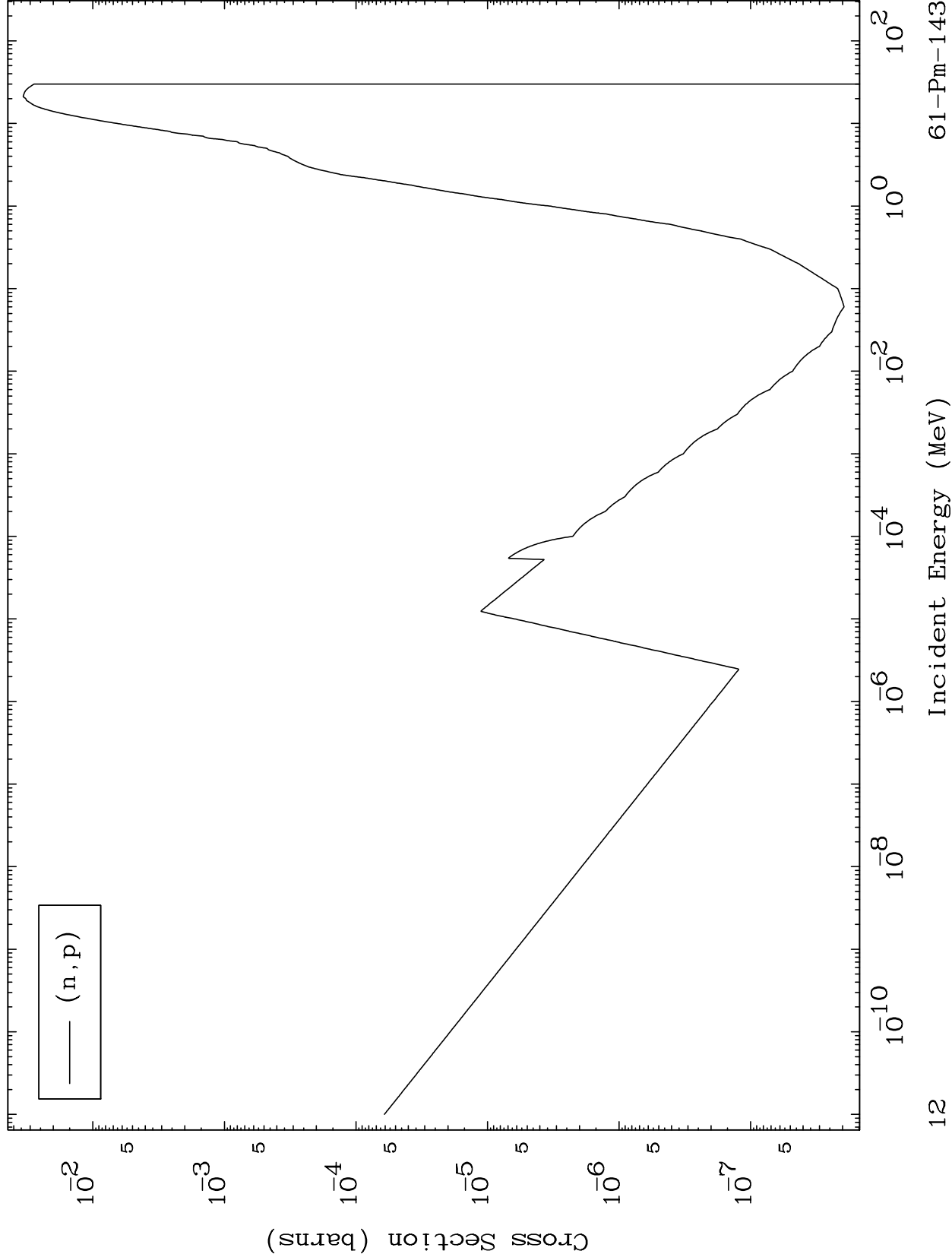
(n,n') Levels
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

61-Pm-143



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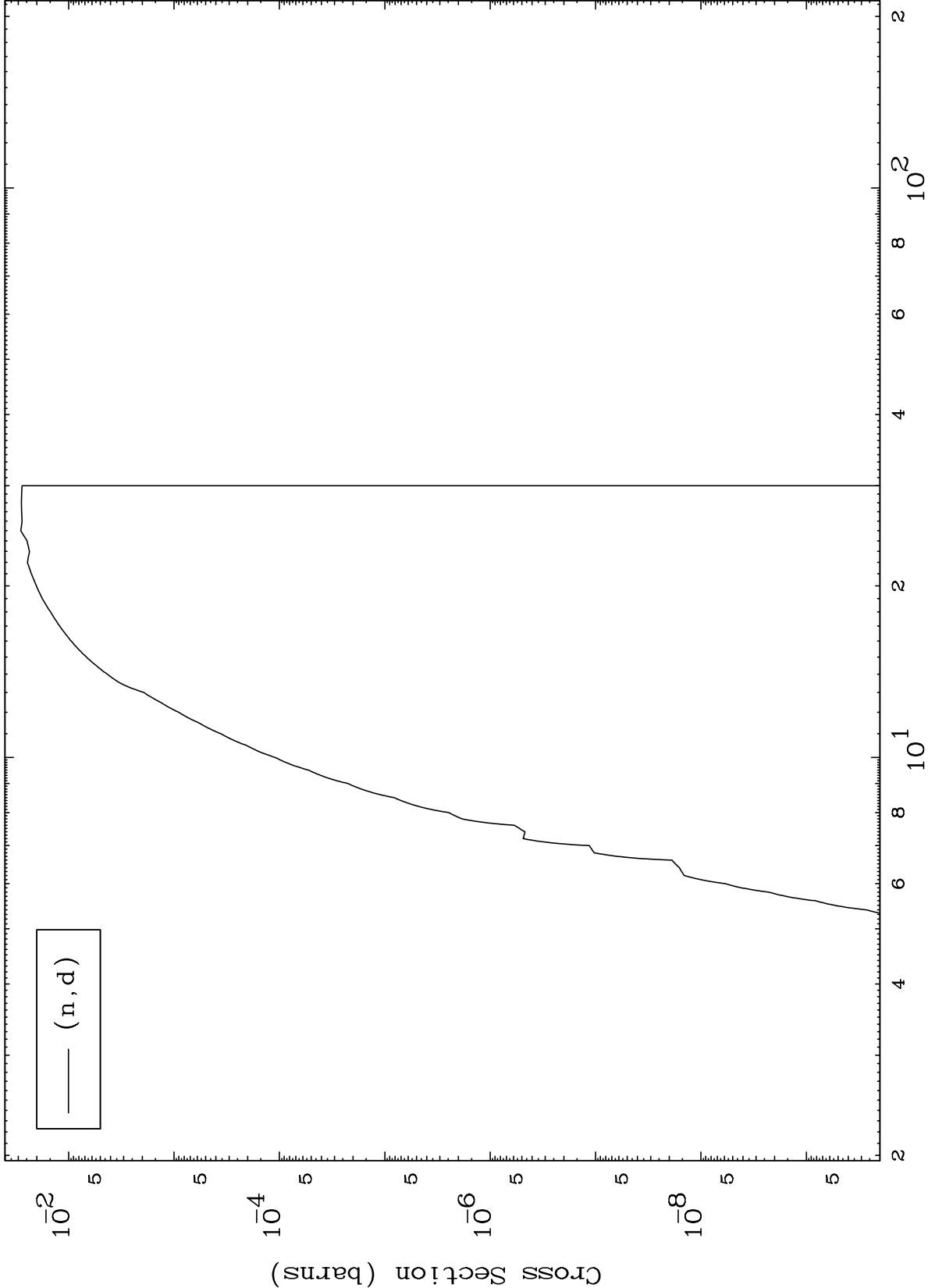
Incident Energy (MeV)

61-Pm-143

MAT 6137

(n,d) Levels
293 Kelvin Cross Sections

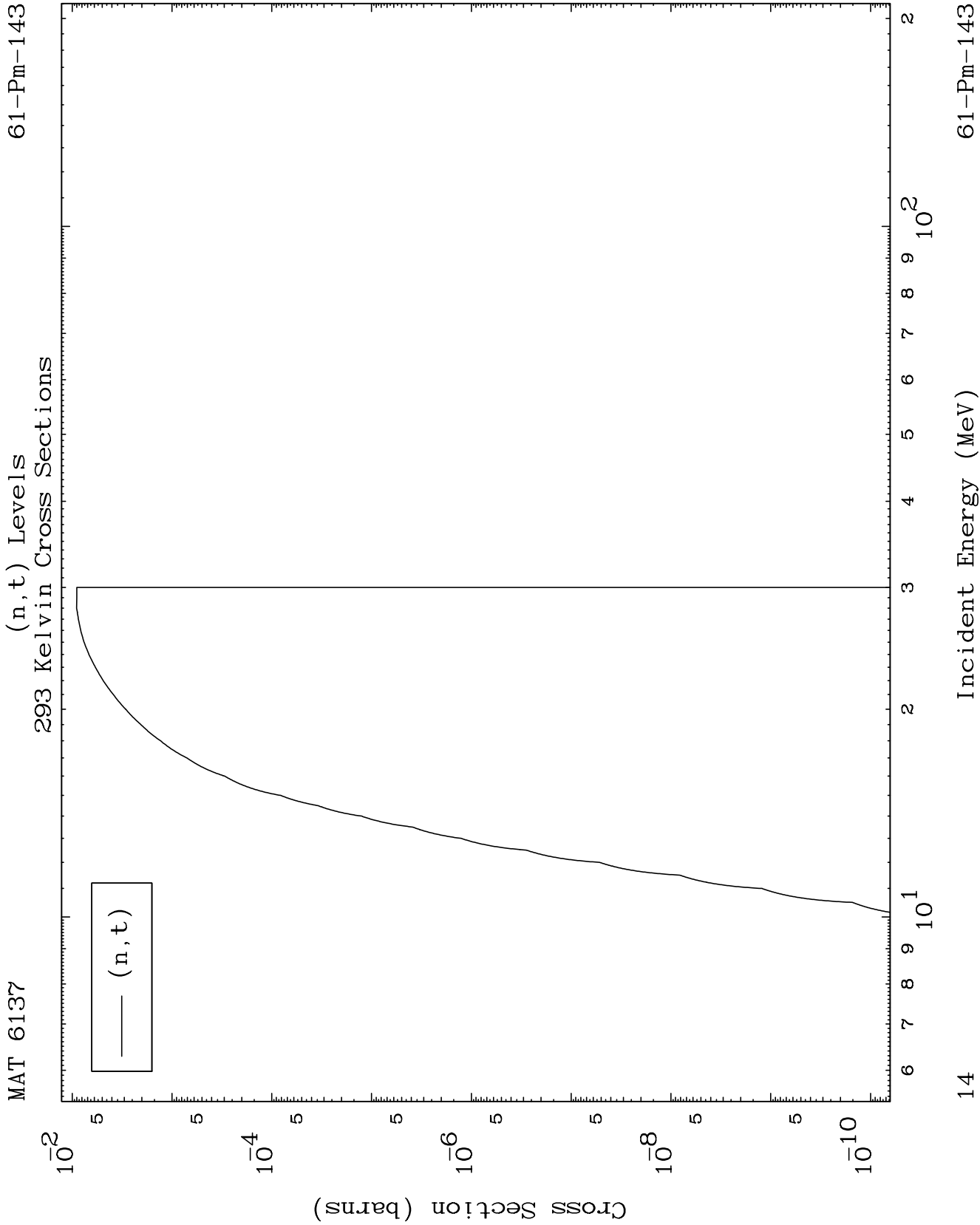
61-Pm-143



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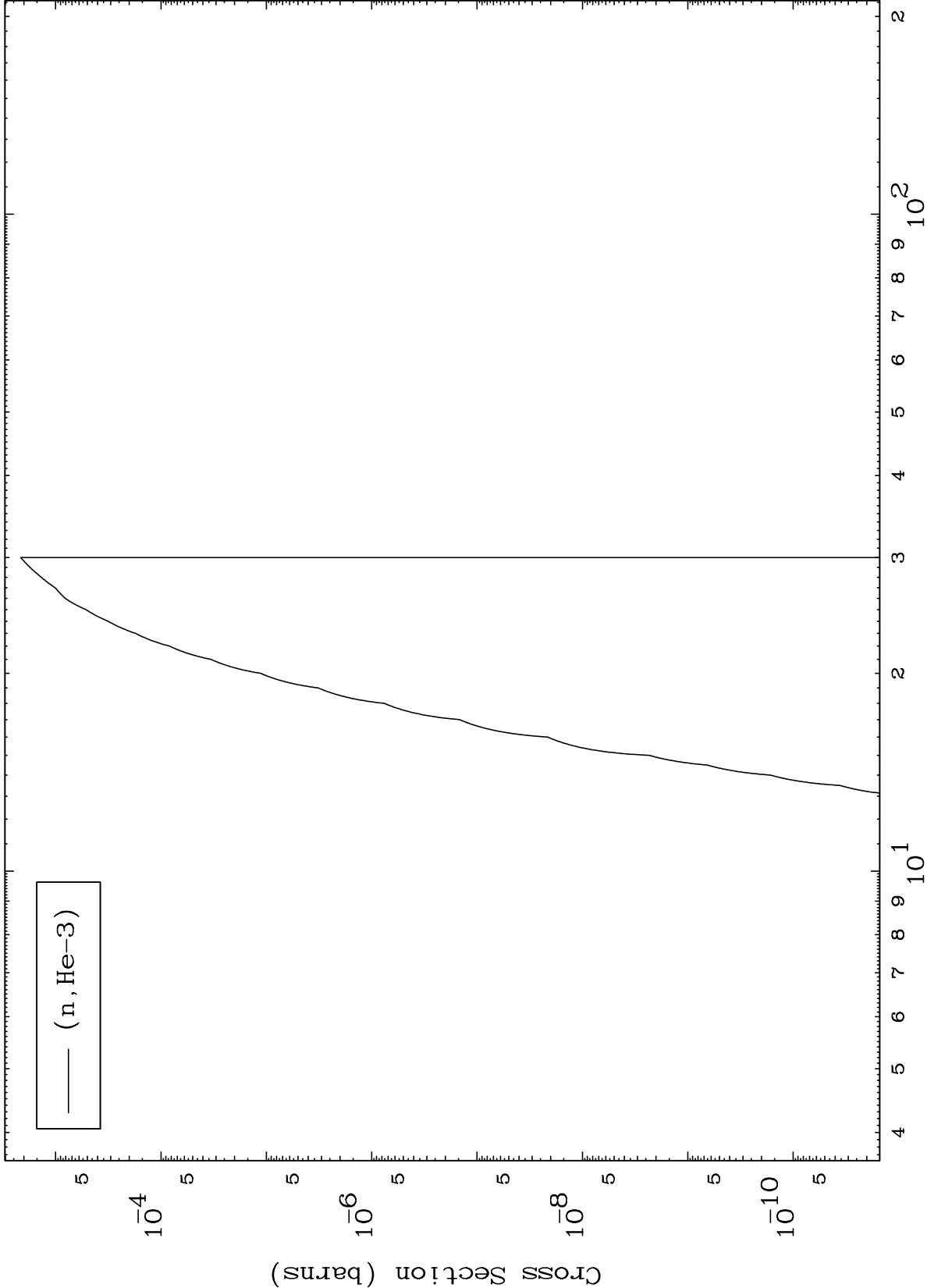
61-Pm-143



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(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-143



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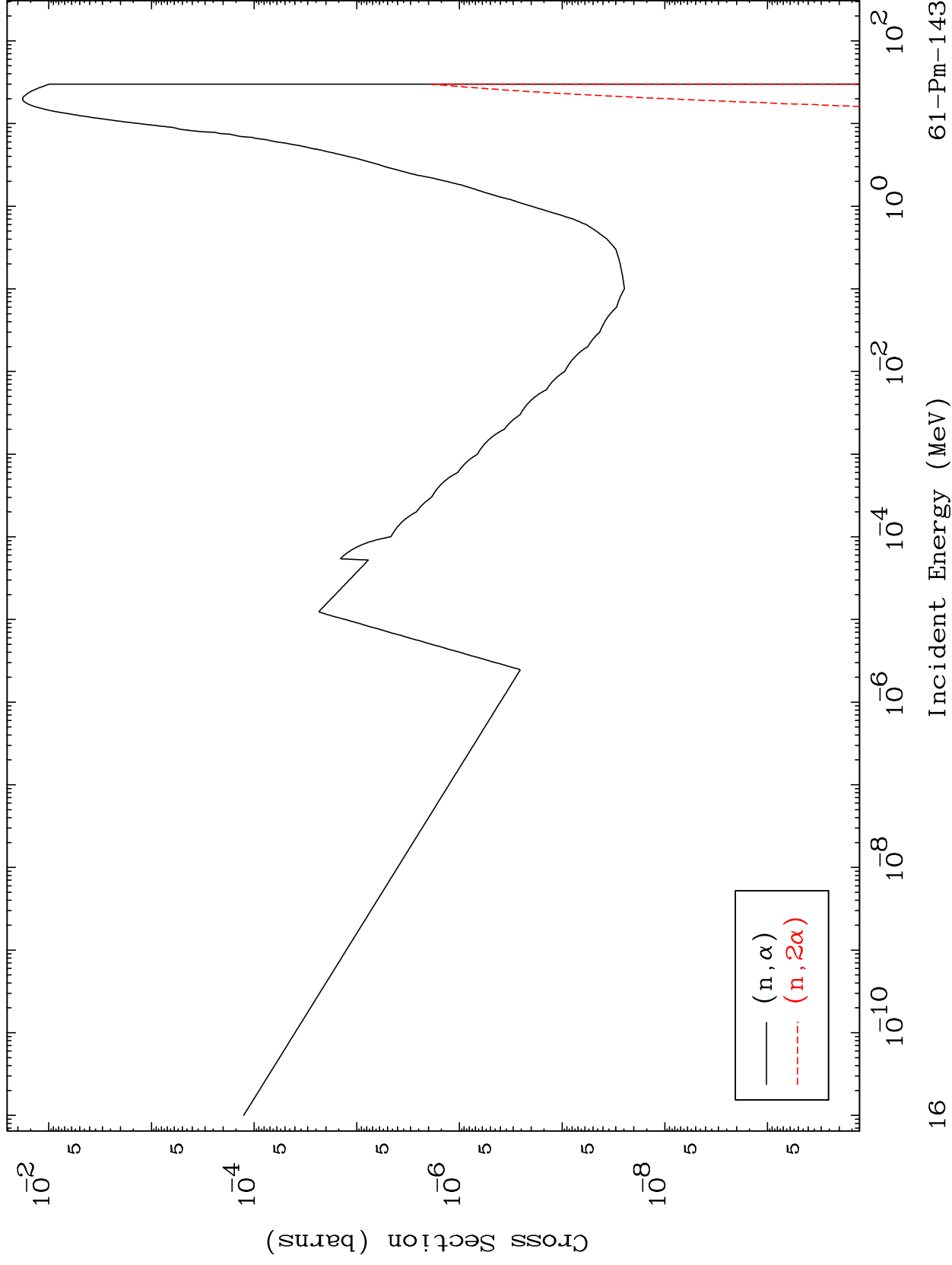
Incident Energy (MeV)

61-Pm-143

MAT 6137

(n, α) Levels
293 Kelvin Cross Sections

61-Pm-143

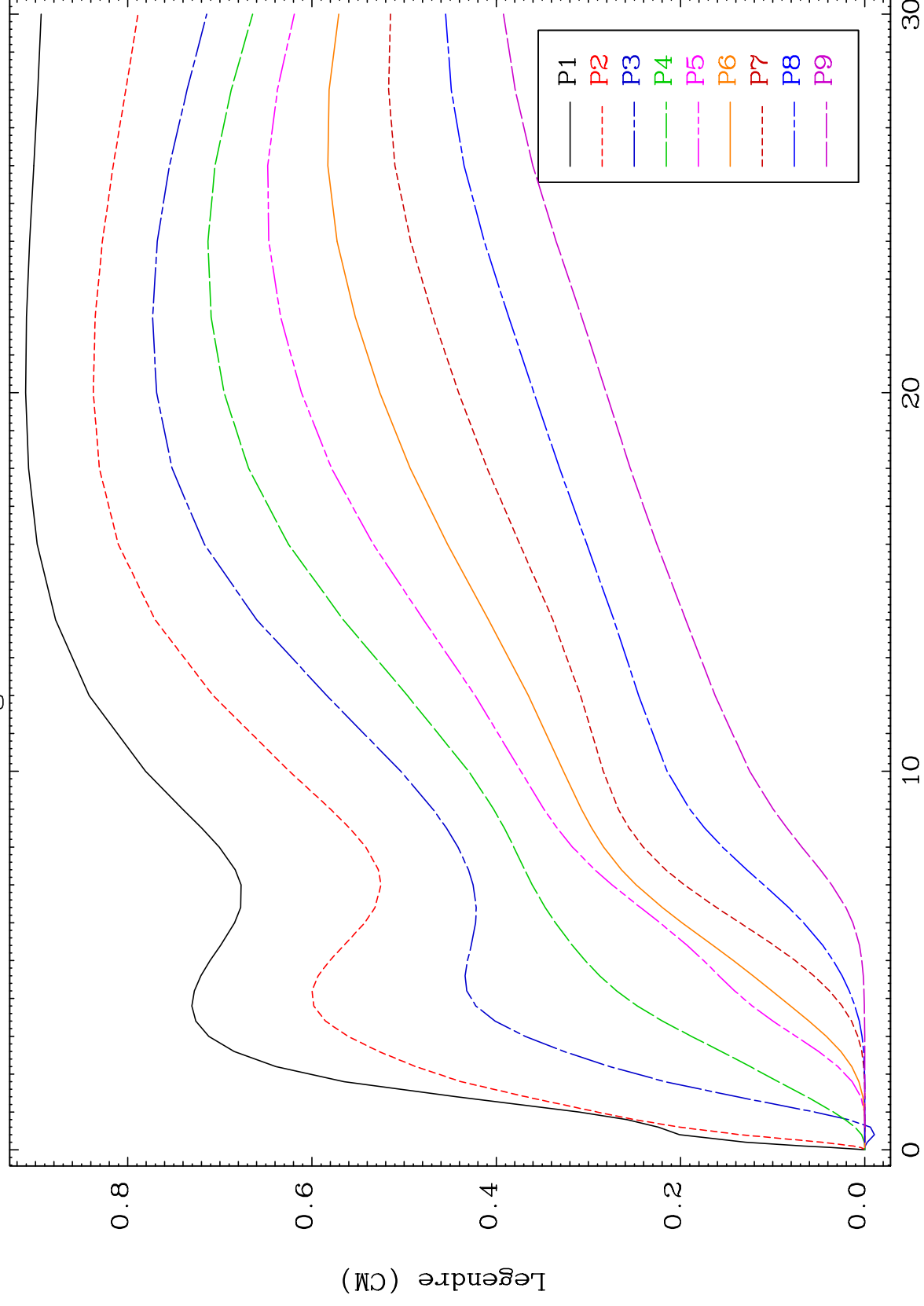


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MAT 6137

61-Pm-143

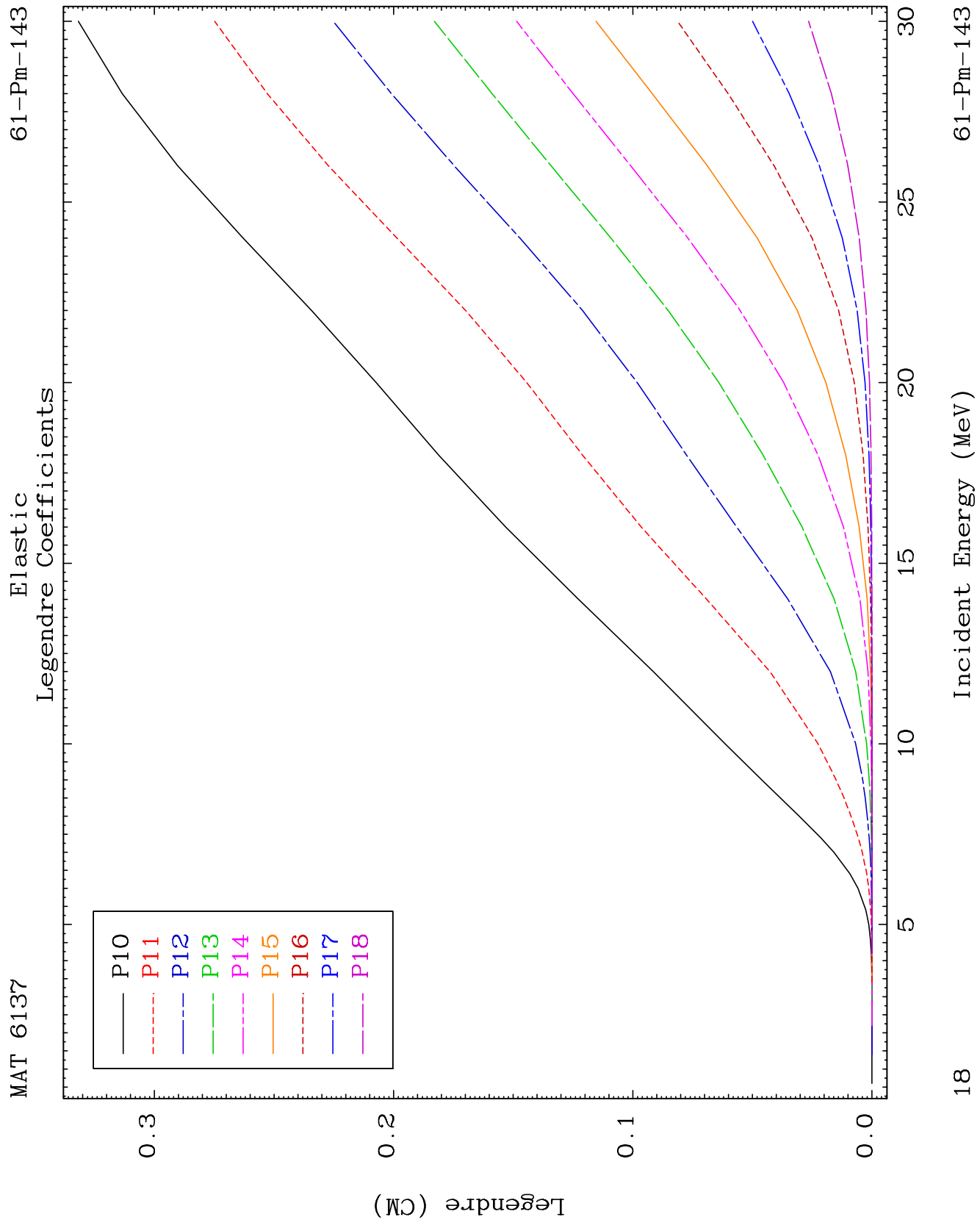
Elastic Legendre Coefficients

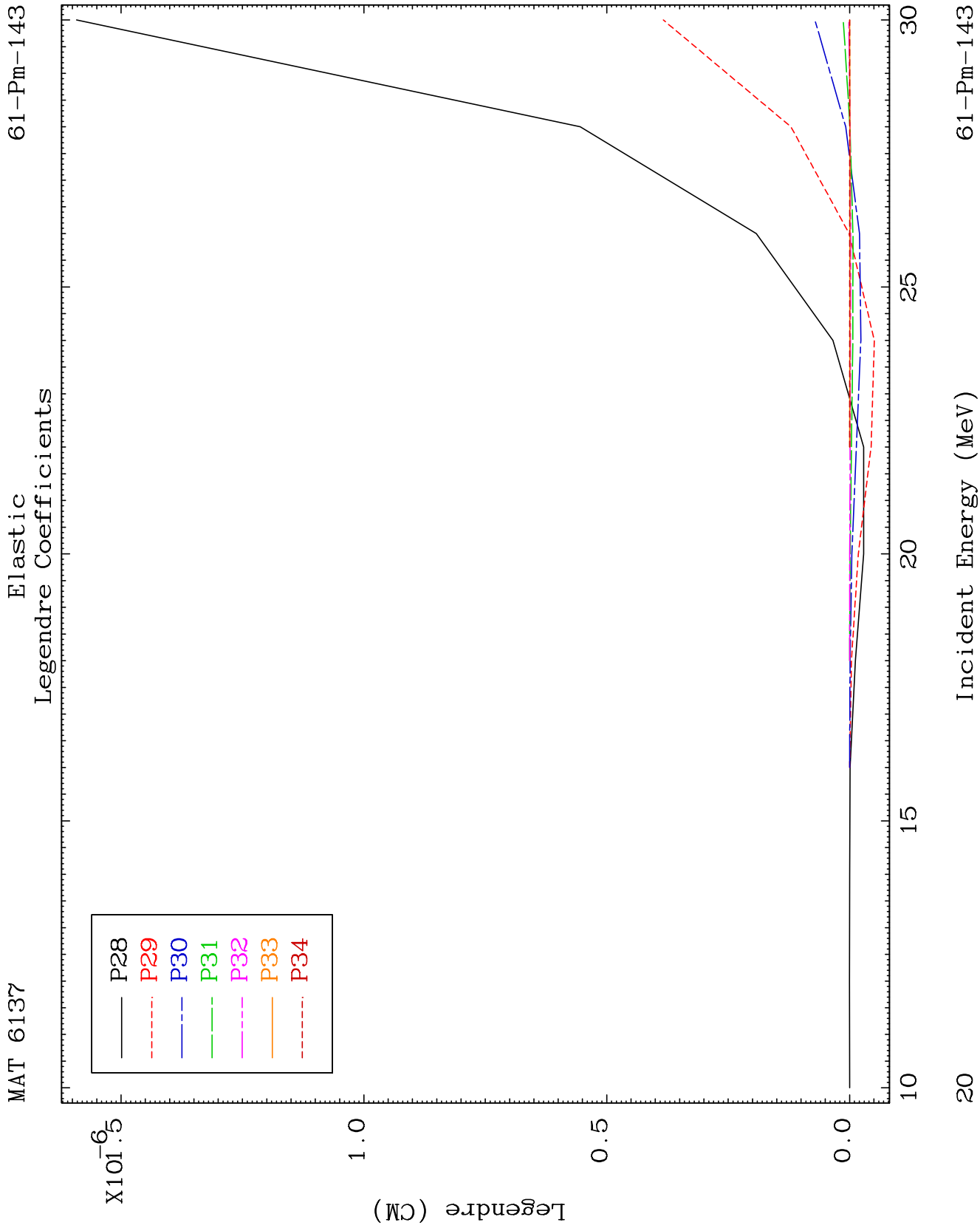


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Incident Energy (MeV)

61-Pm-143

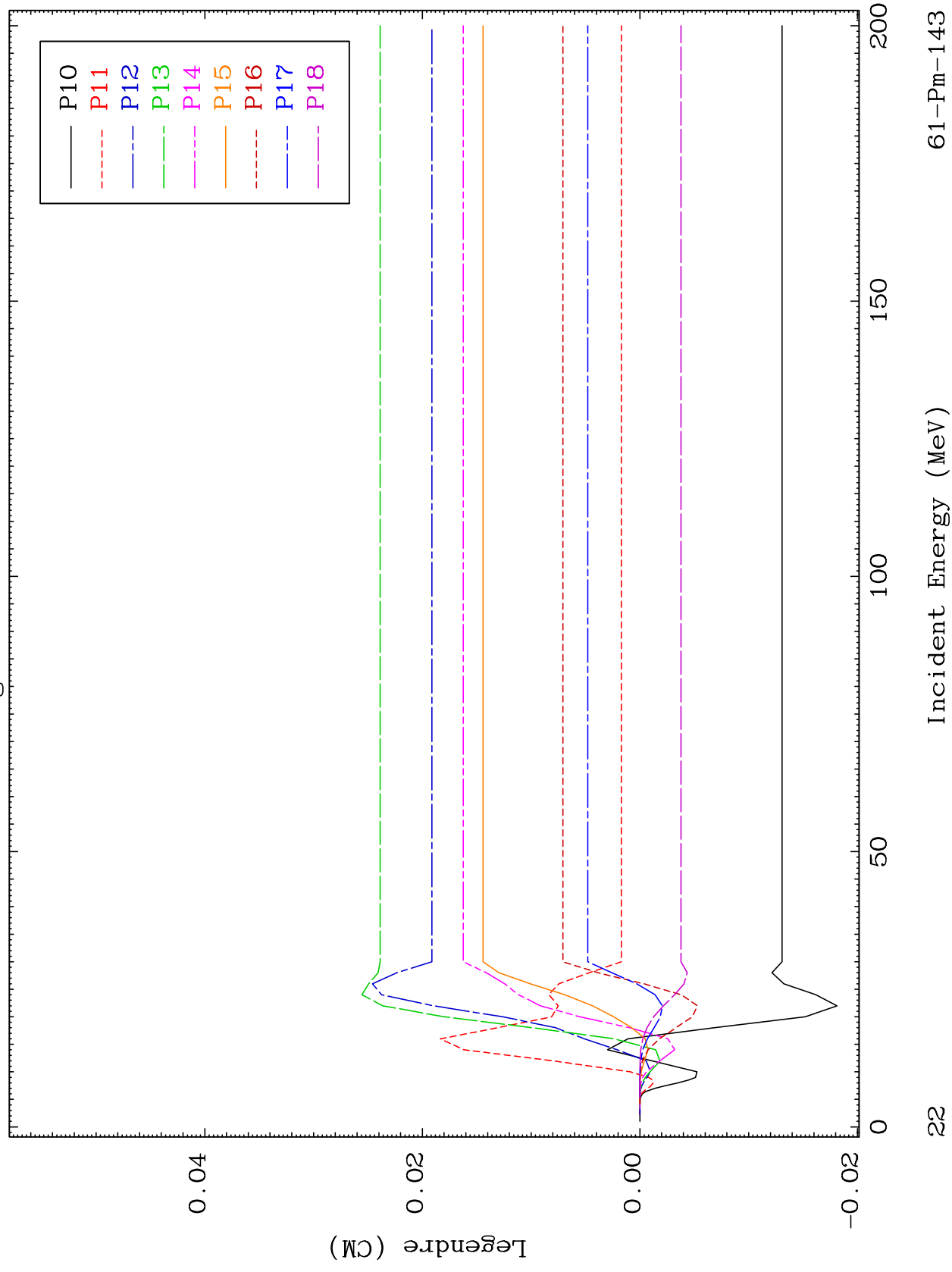


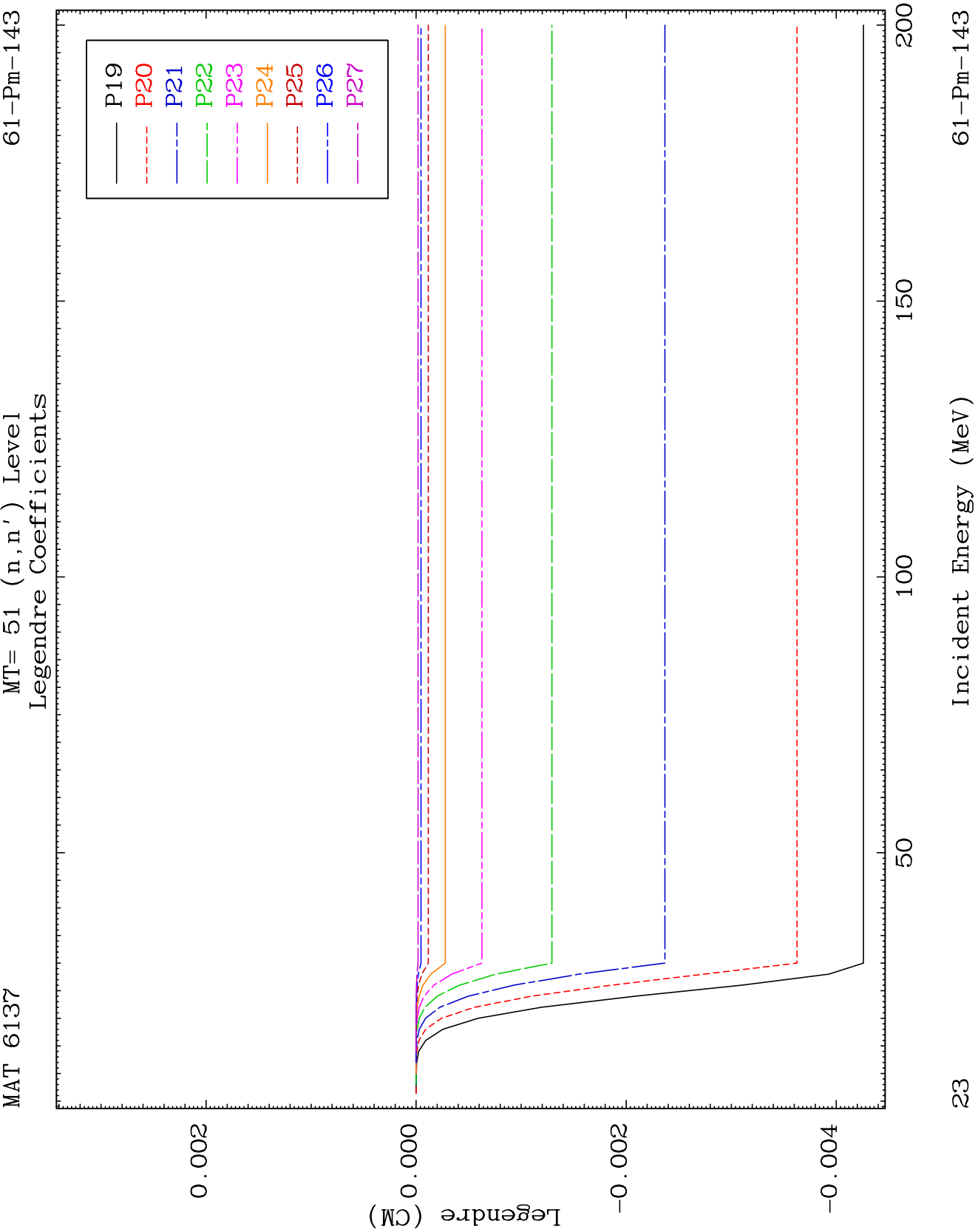


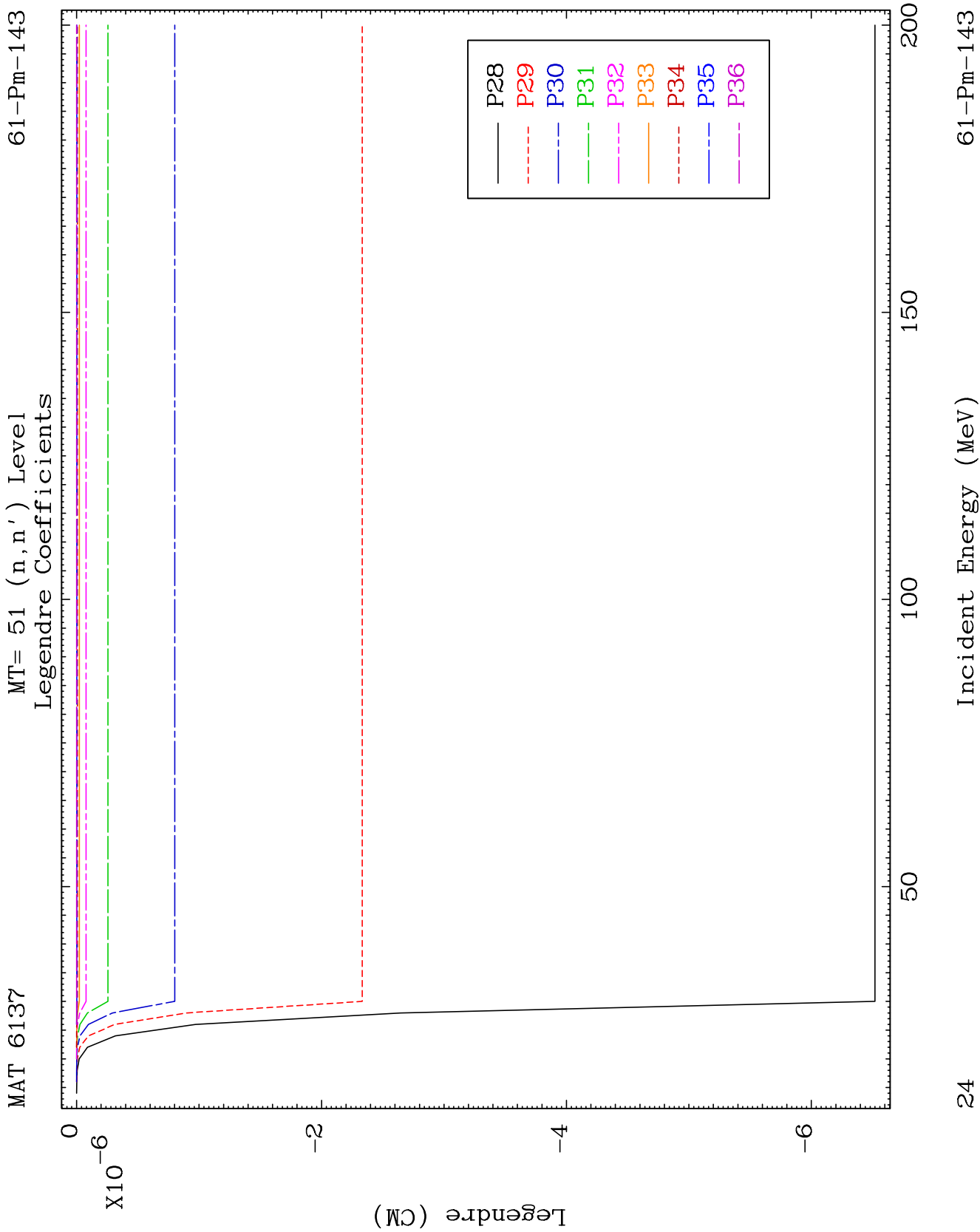
MAT 6137

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

61-Pm-143



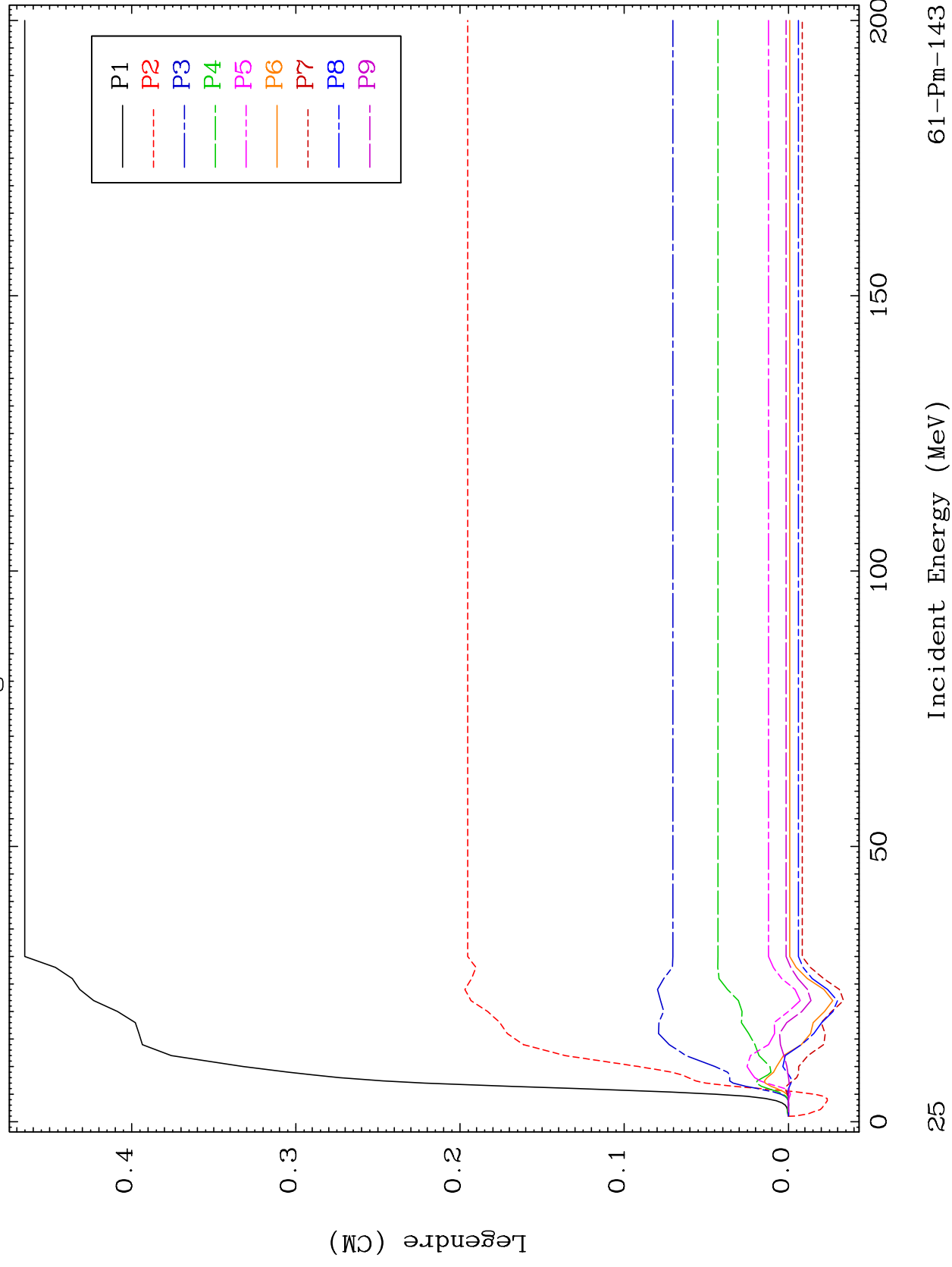


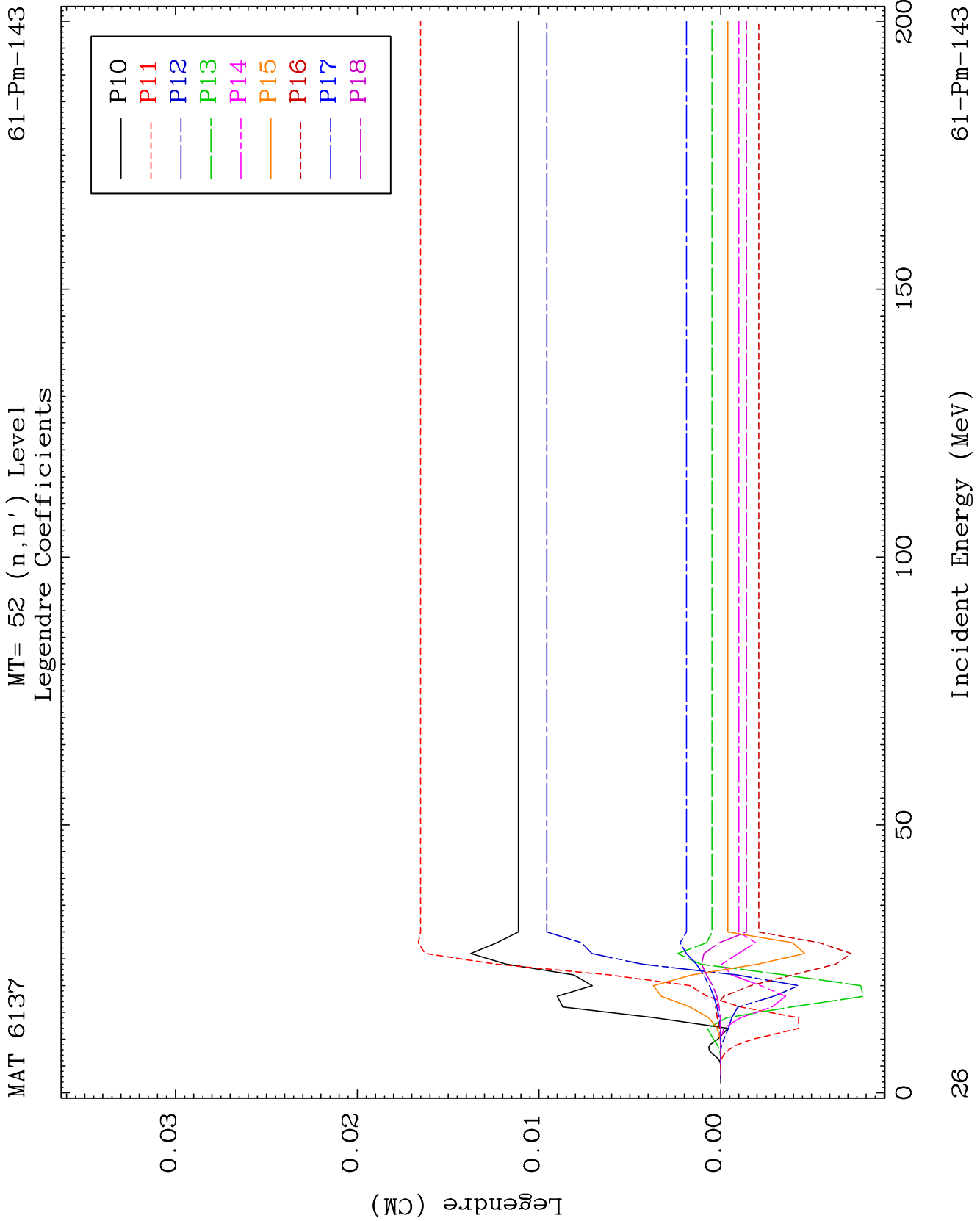


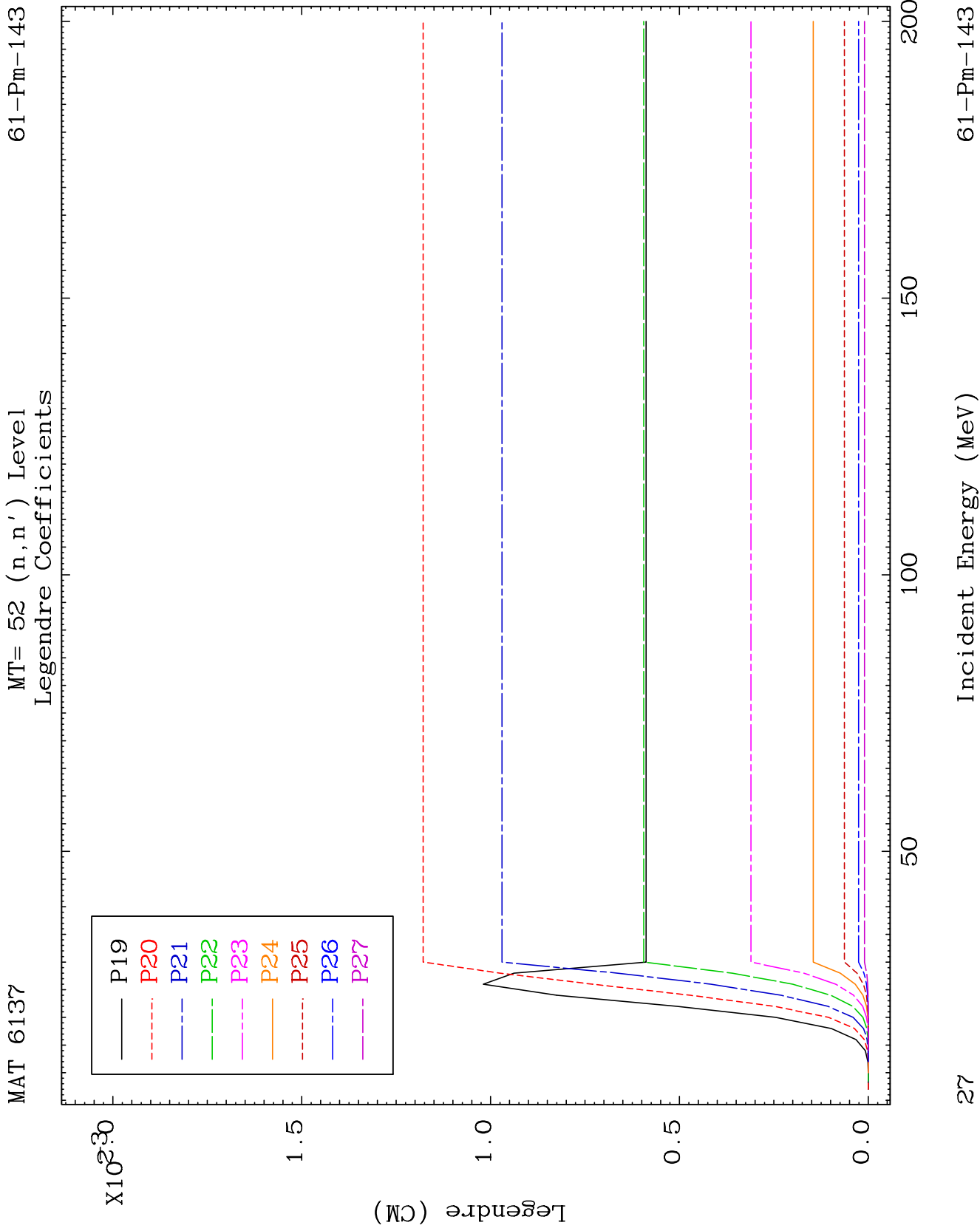
MAT 6137

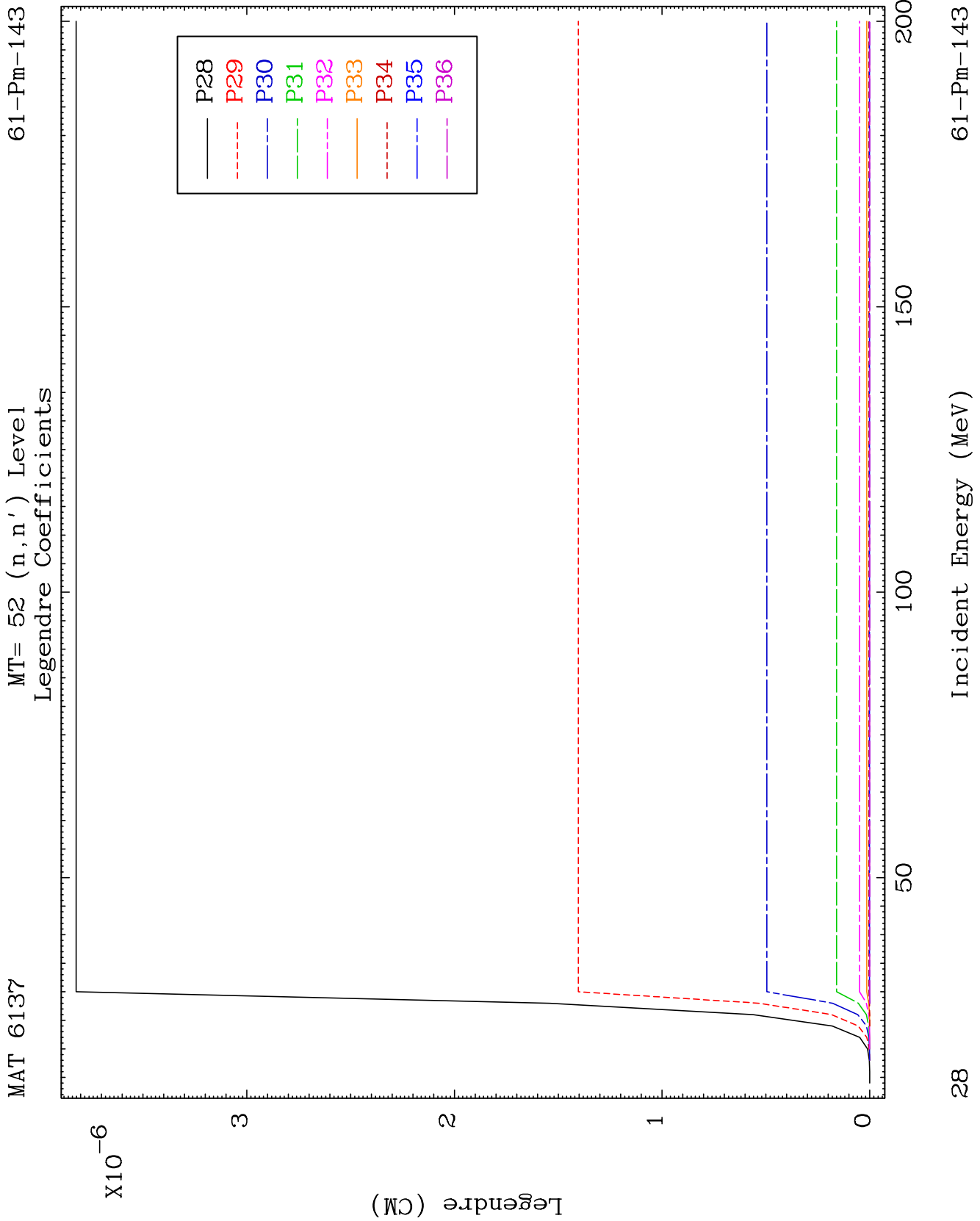
MT= 52 (n, n') Level
Legendre Coefficients

61-Pm-143





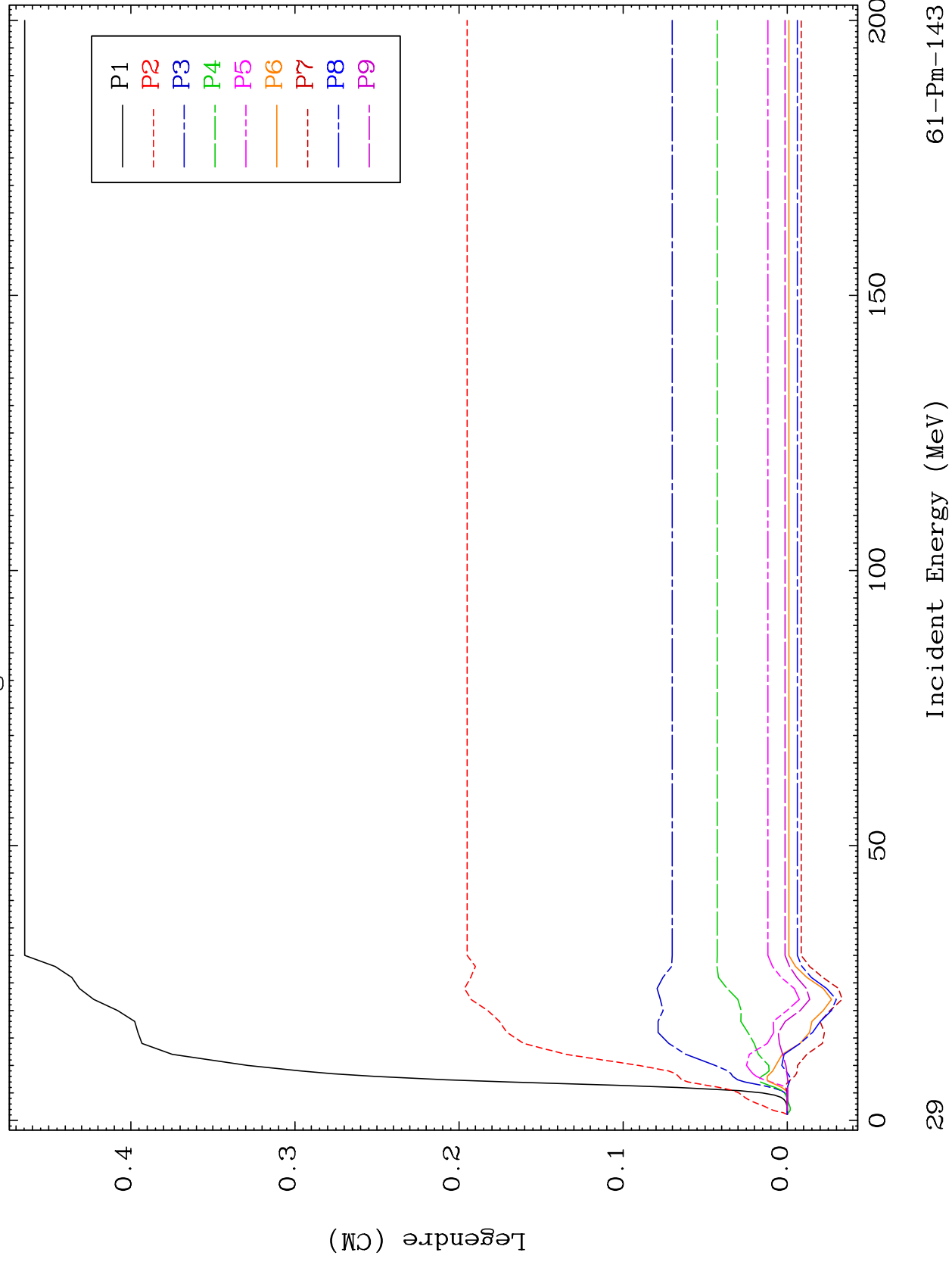




MAT 6137

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

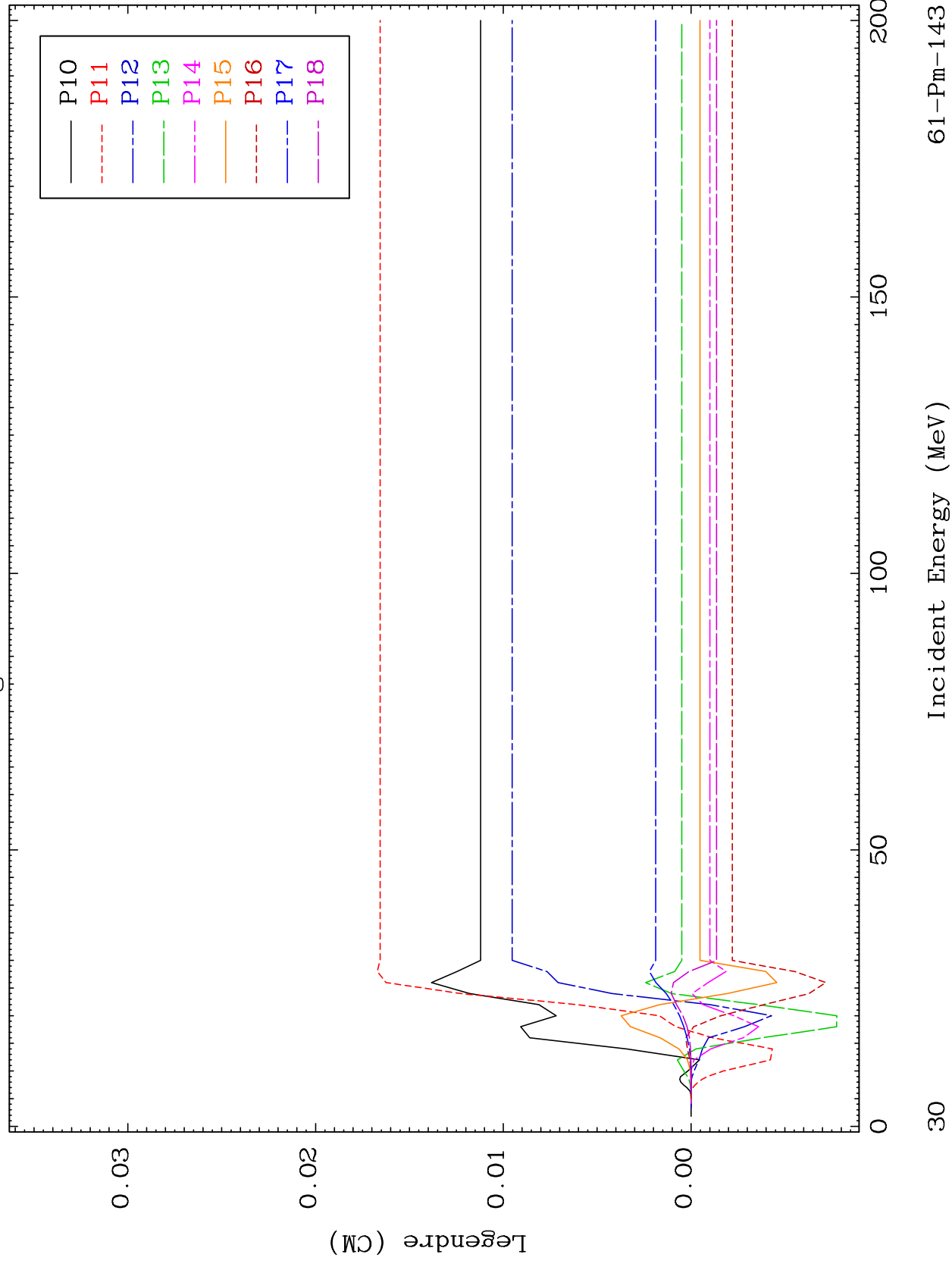
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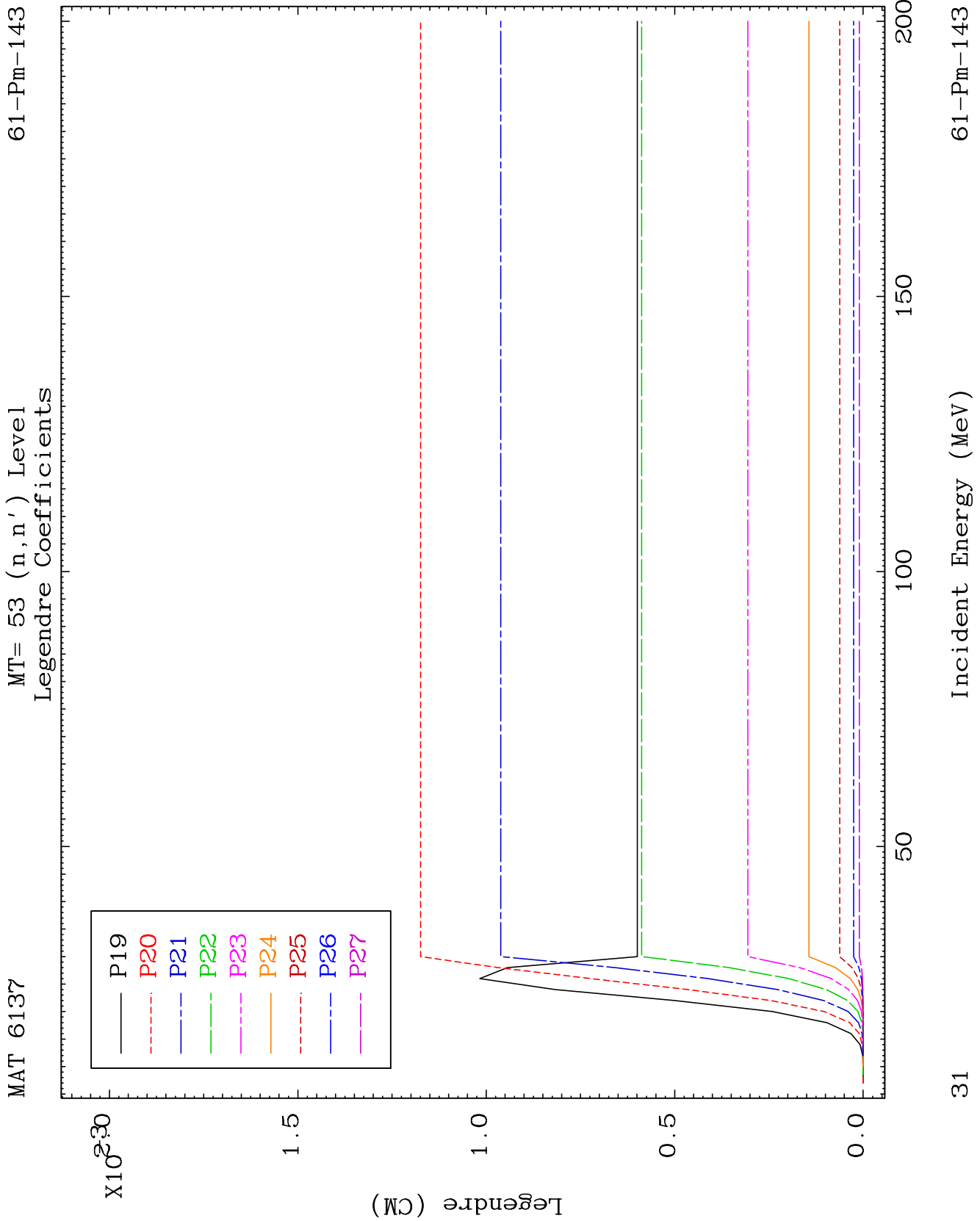


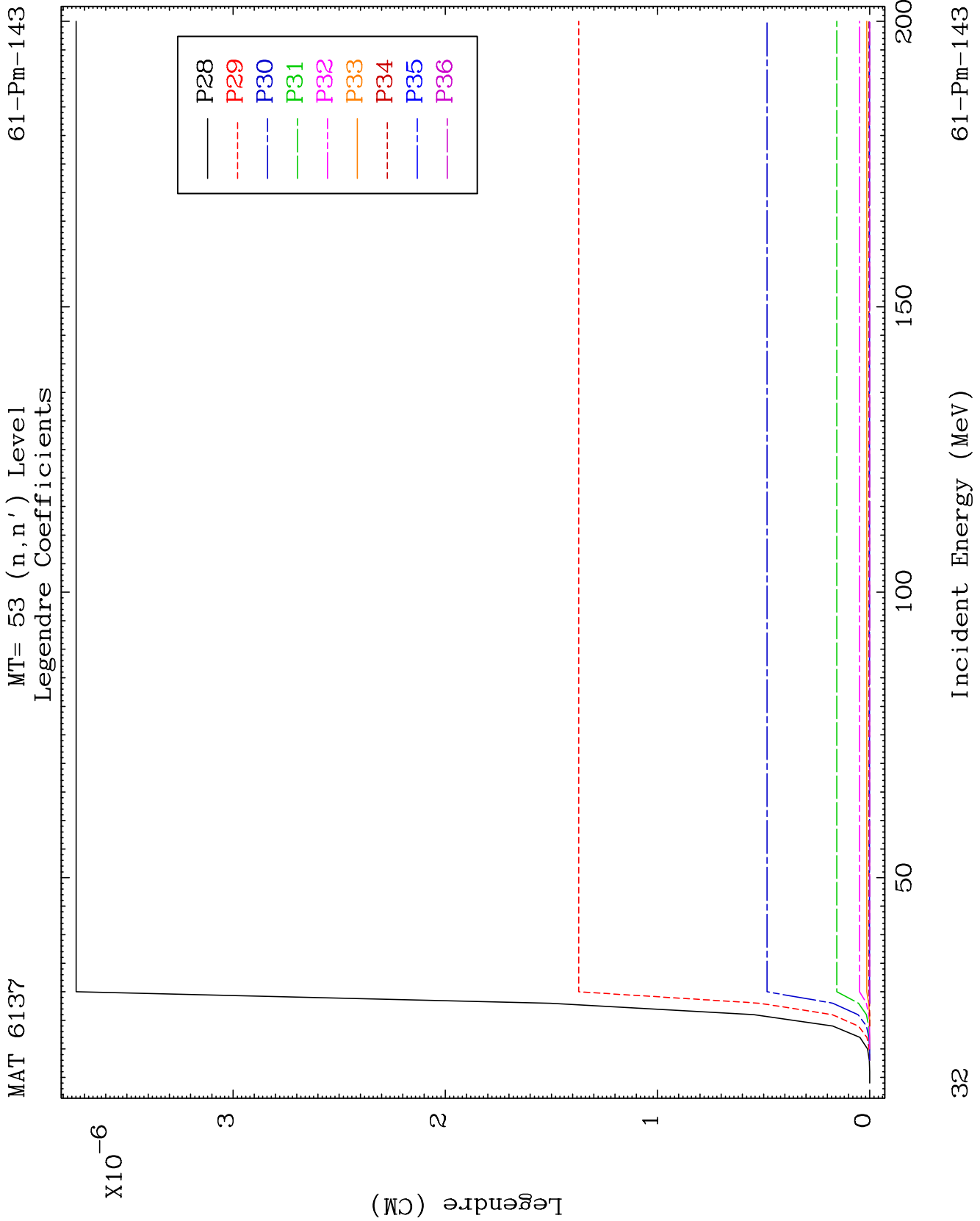
MAT 6137

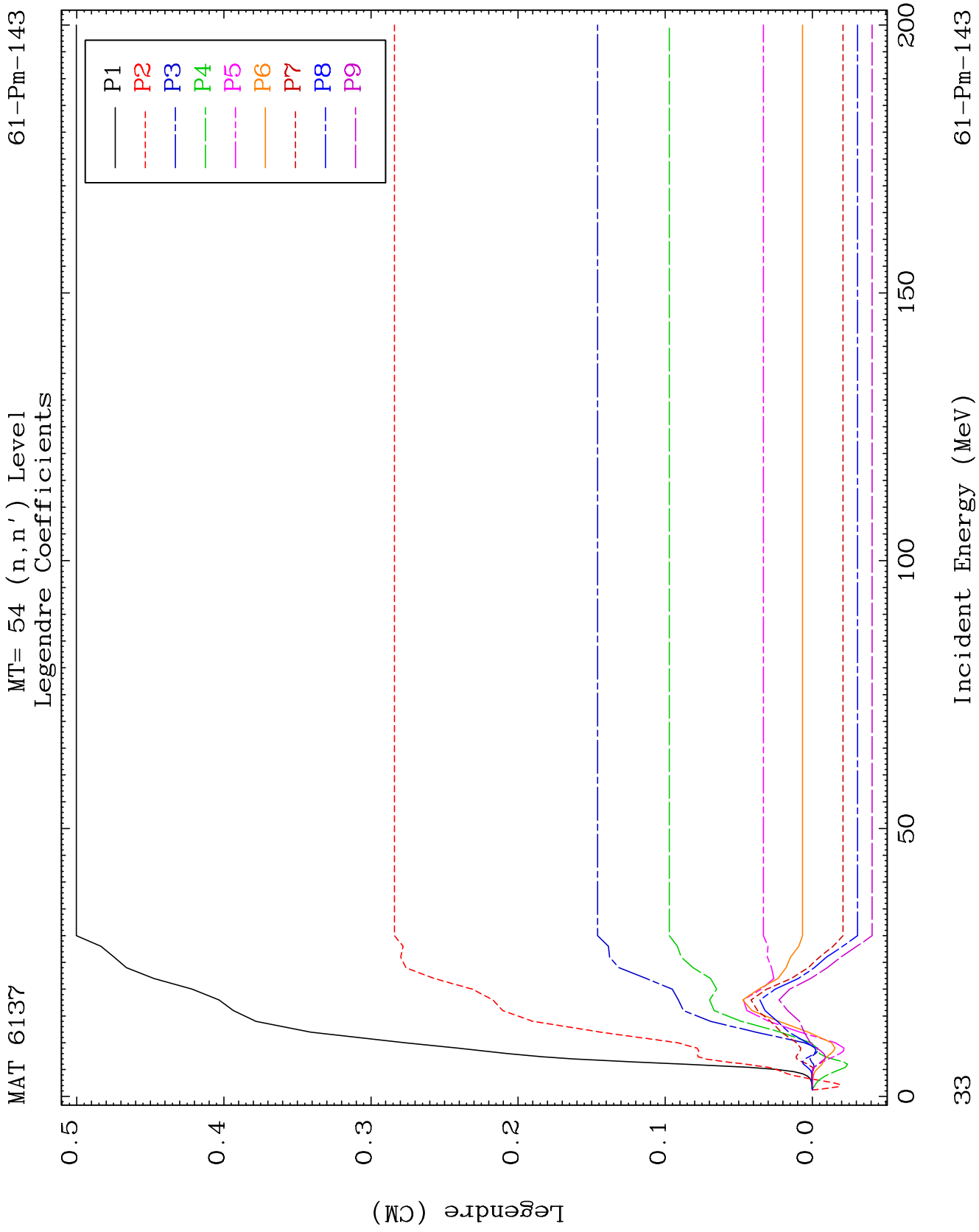
MT= 53 (n, n') Level
Legendre Coefficients

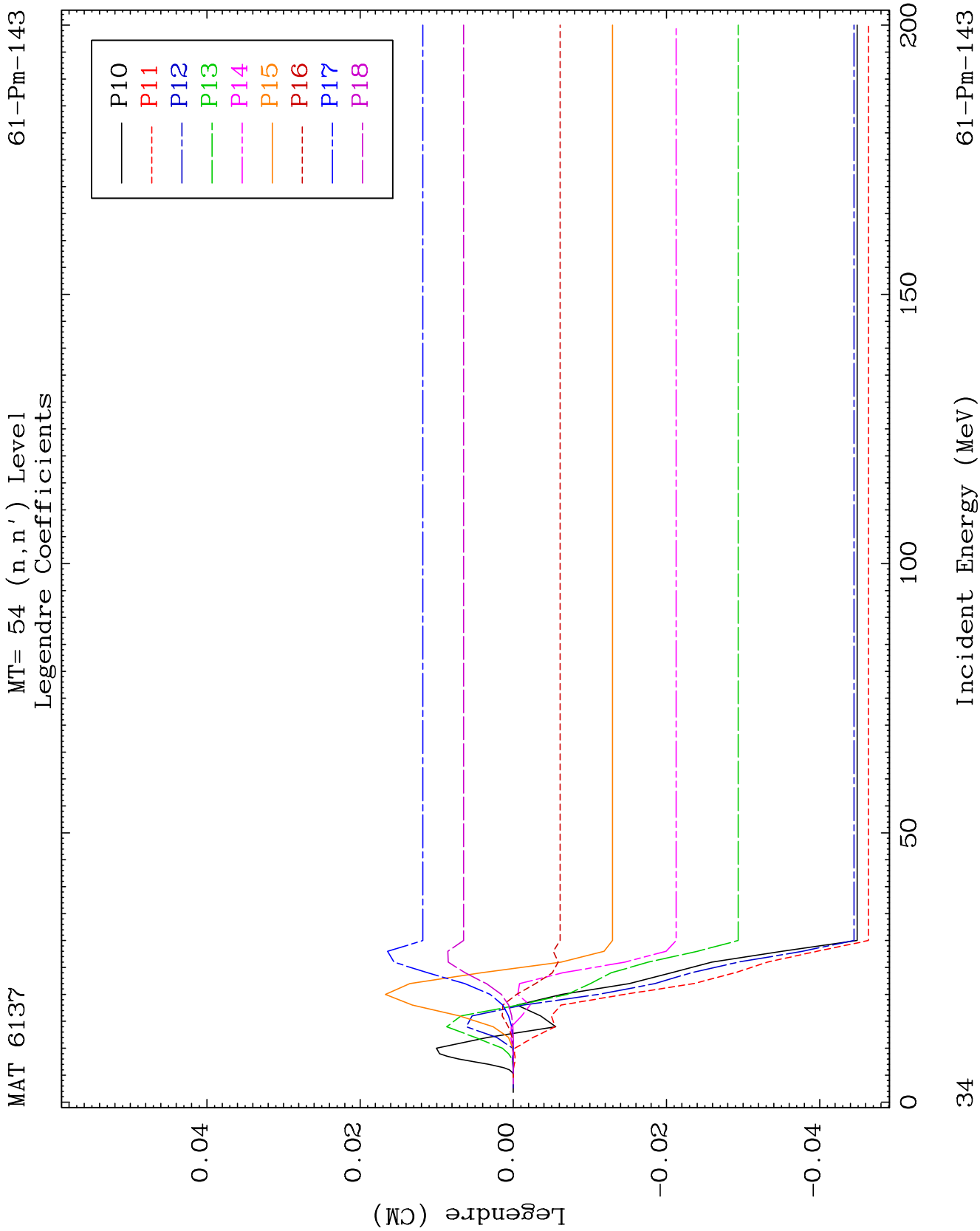
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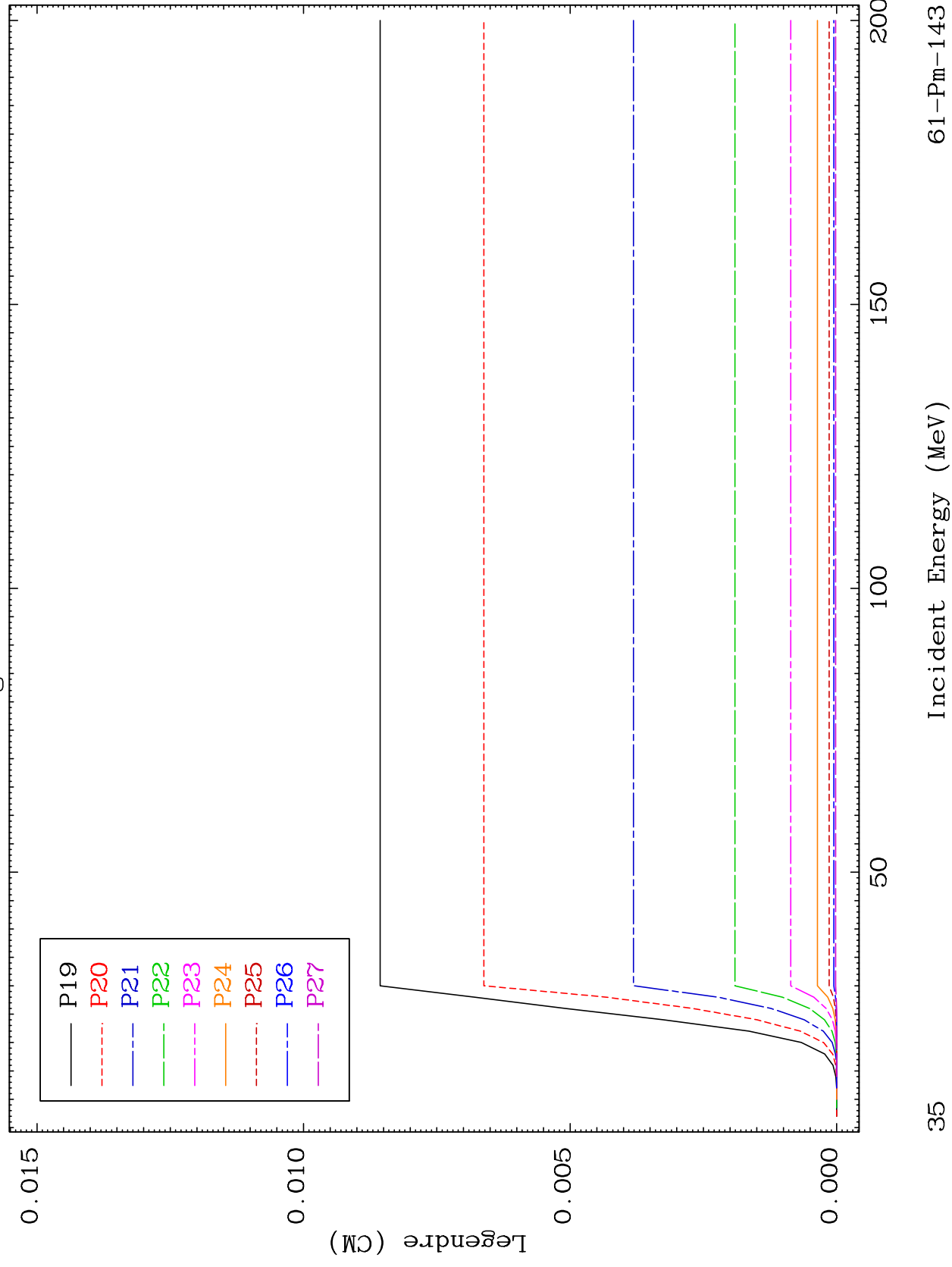


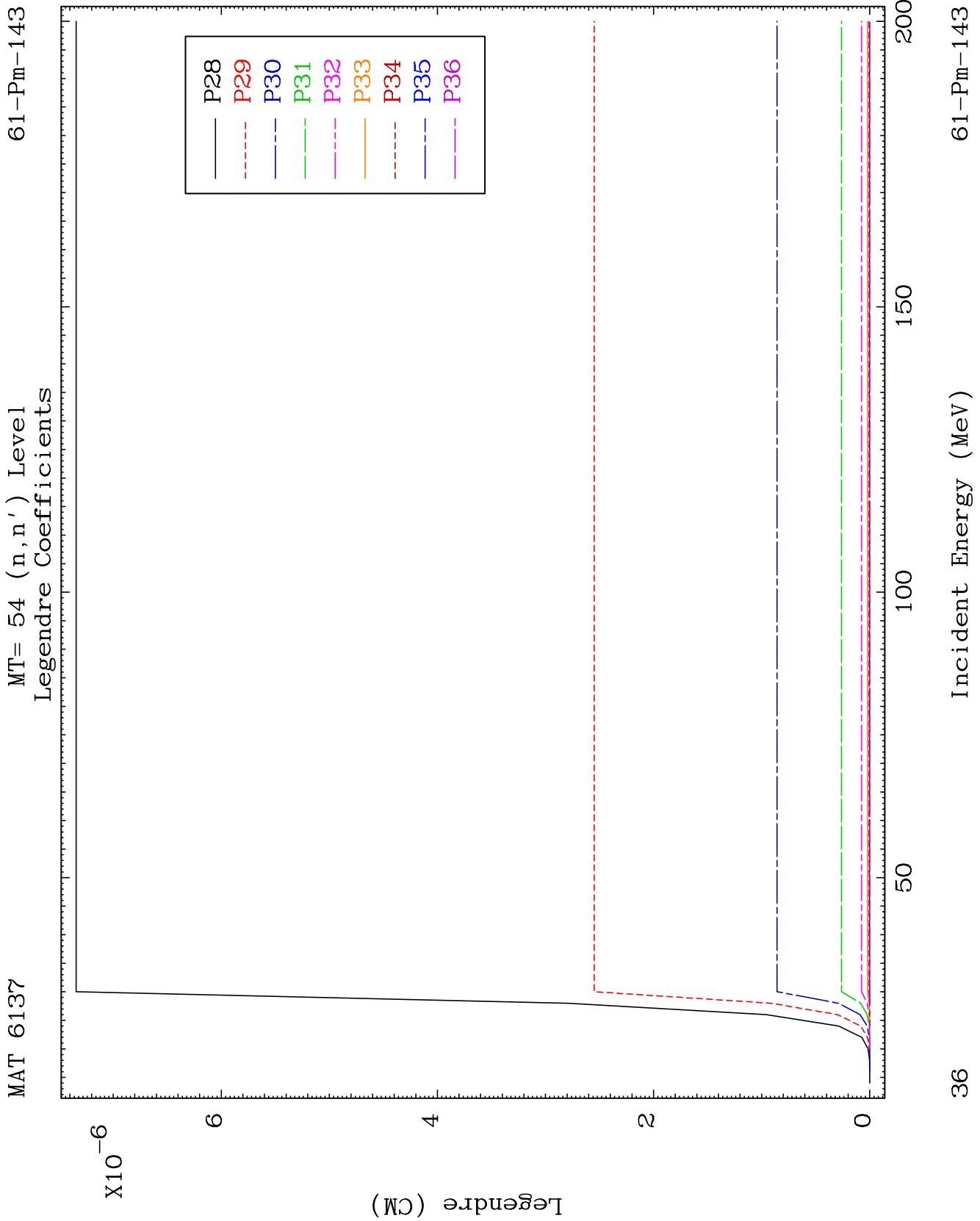


MAT 6137

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

61-Pm-143

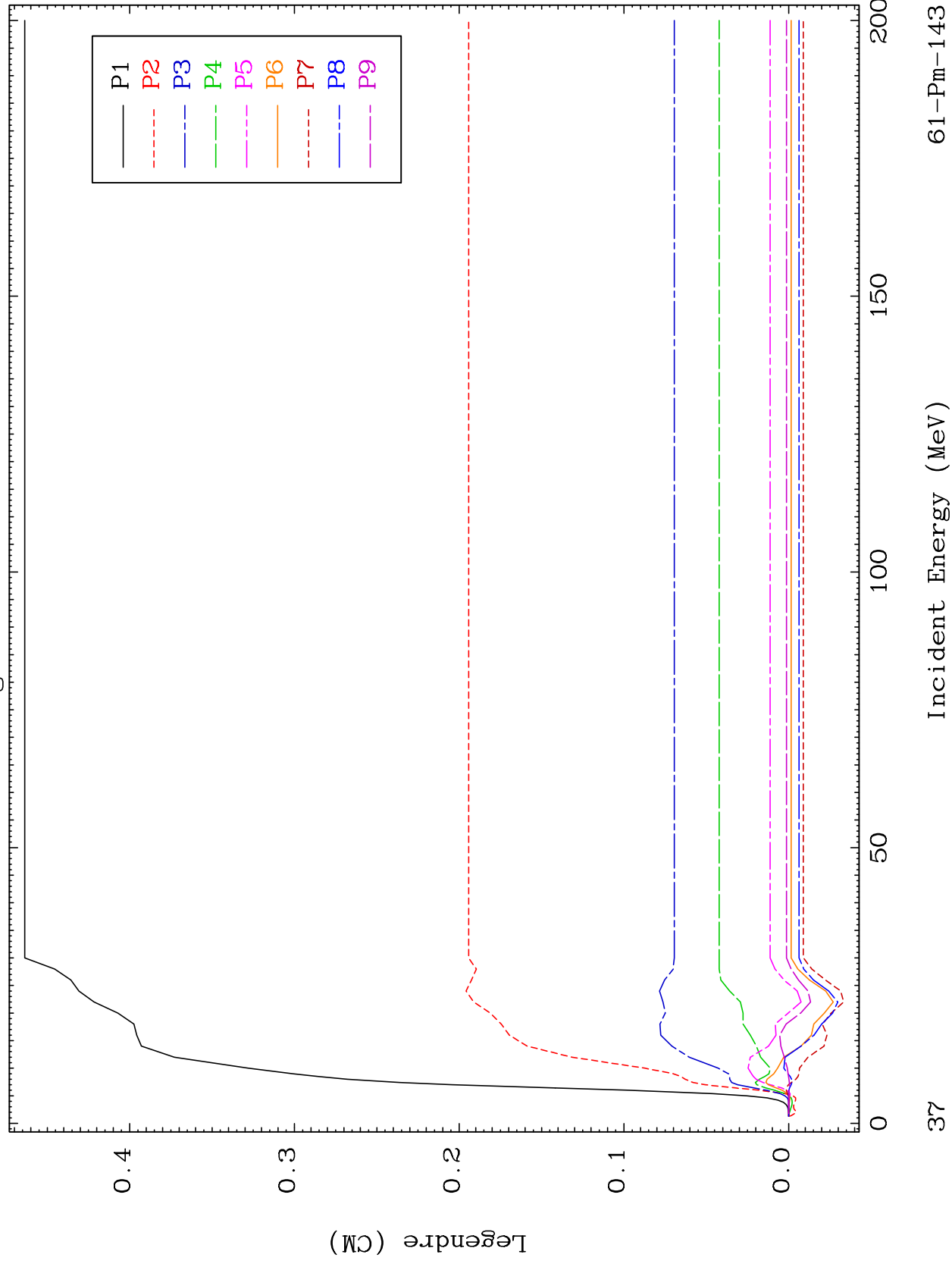


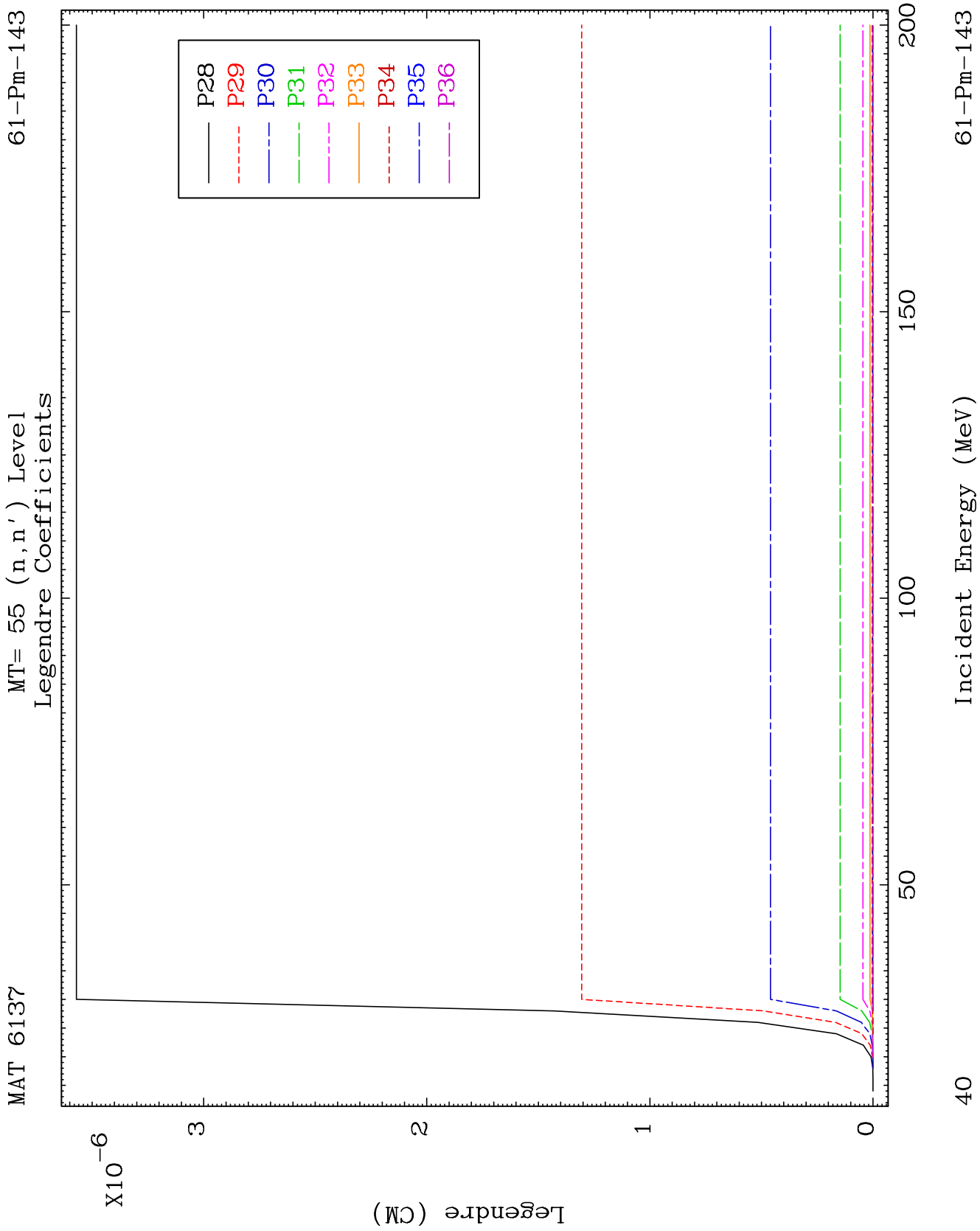


MAT 6137

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

61-Pm-143

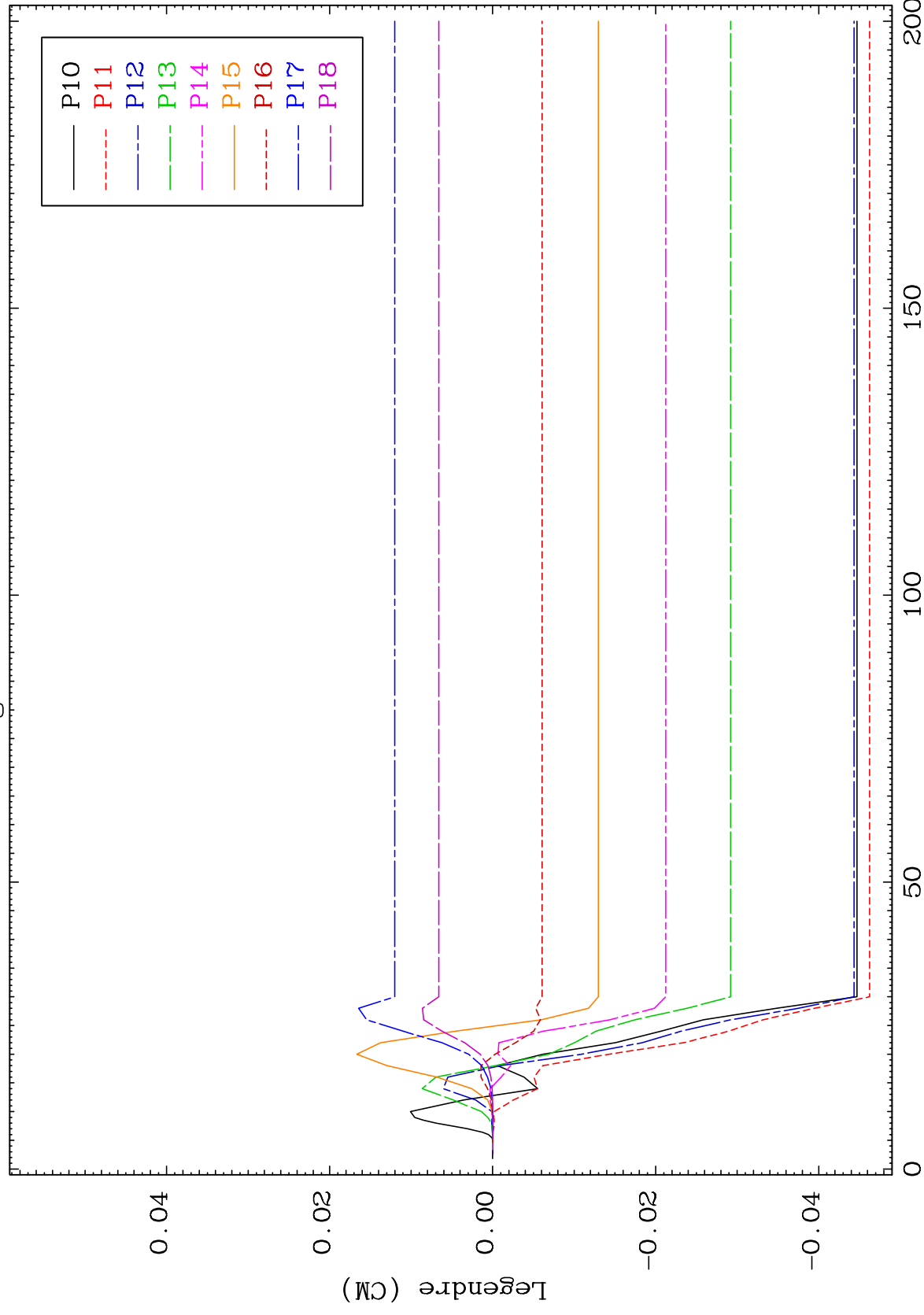




MAT 6137

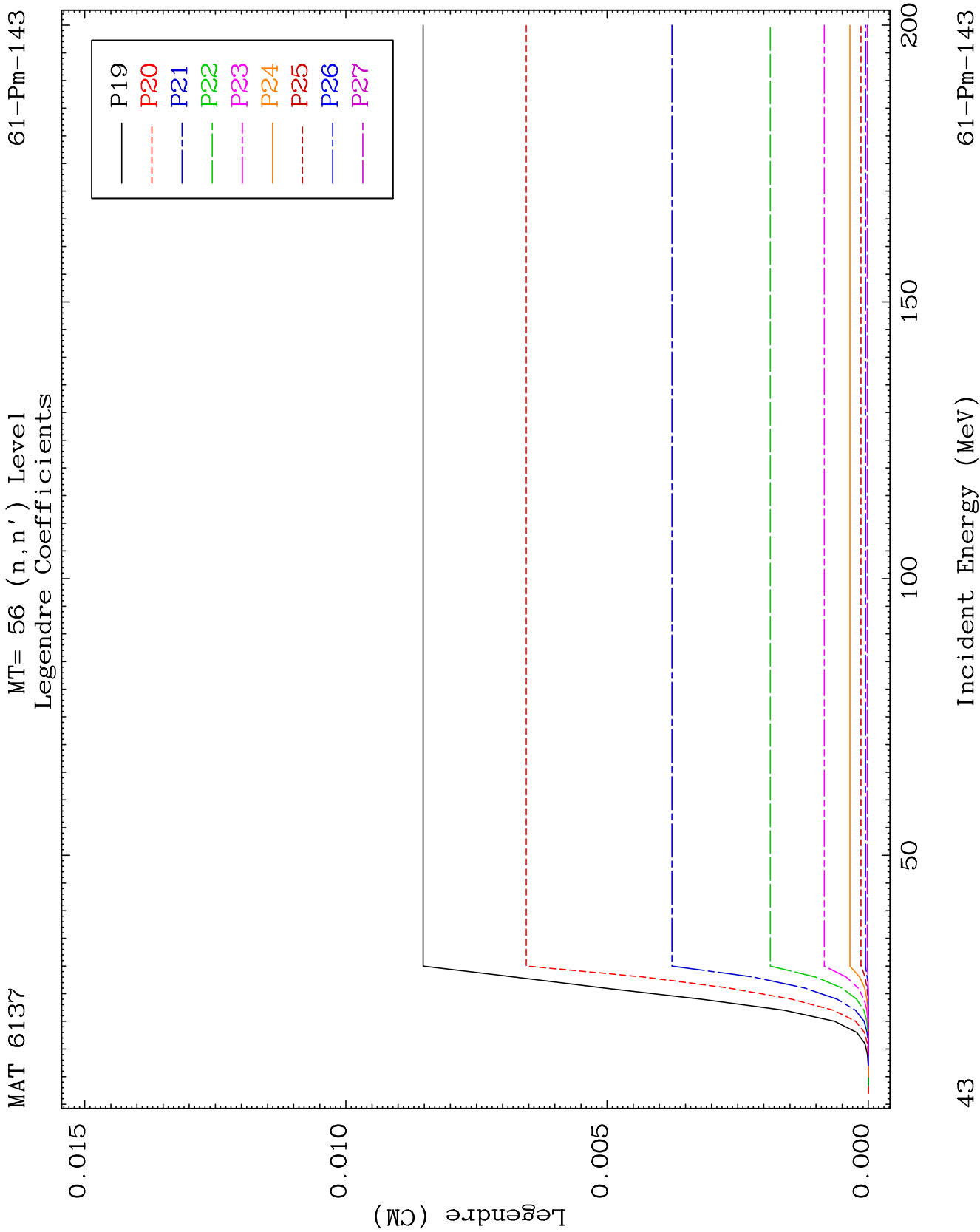
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Legendre Coefficients

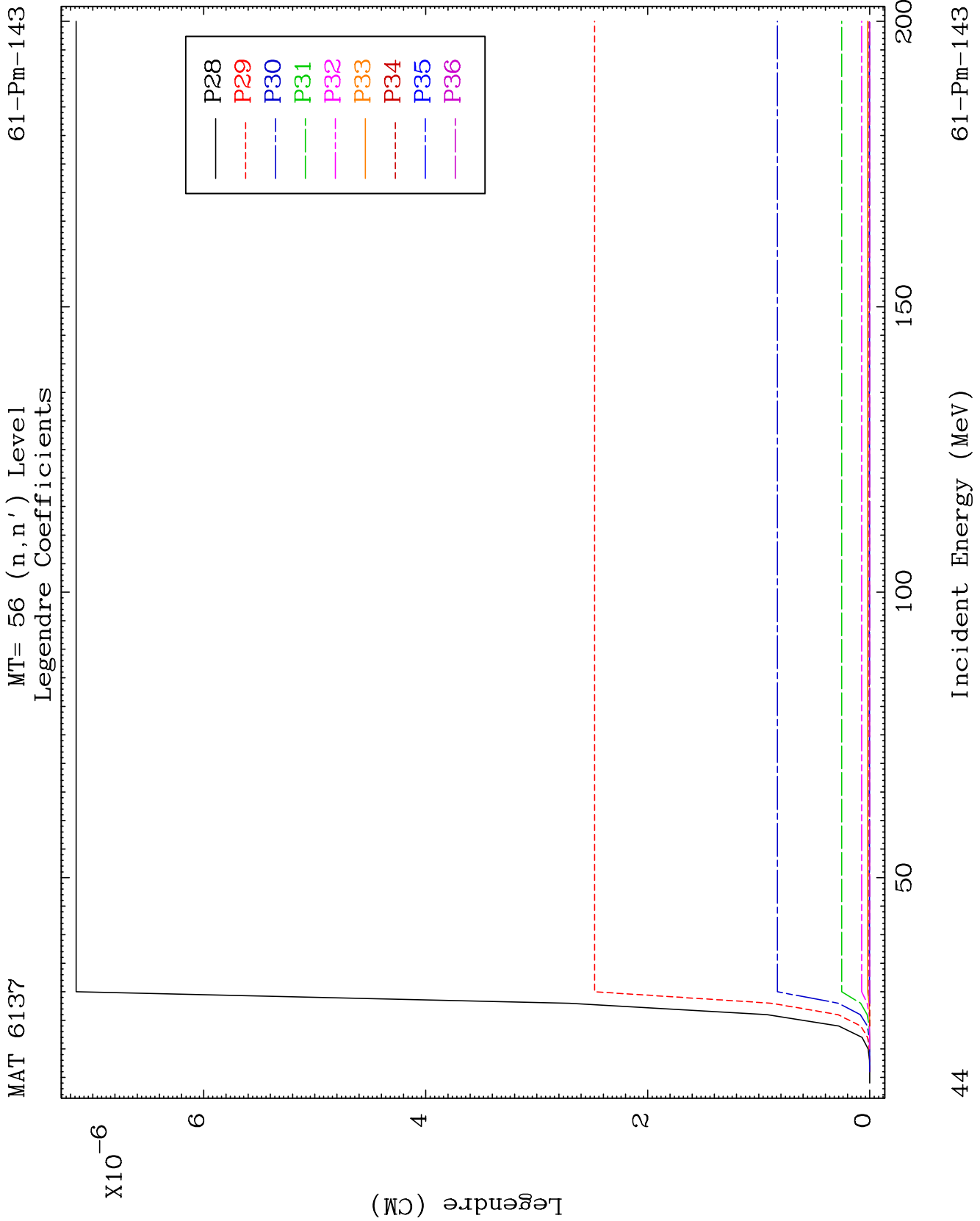
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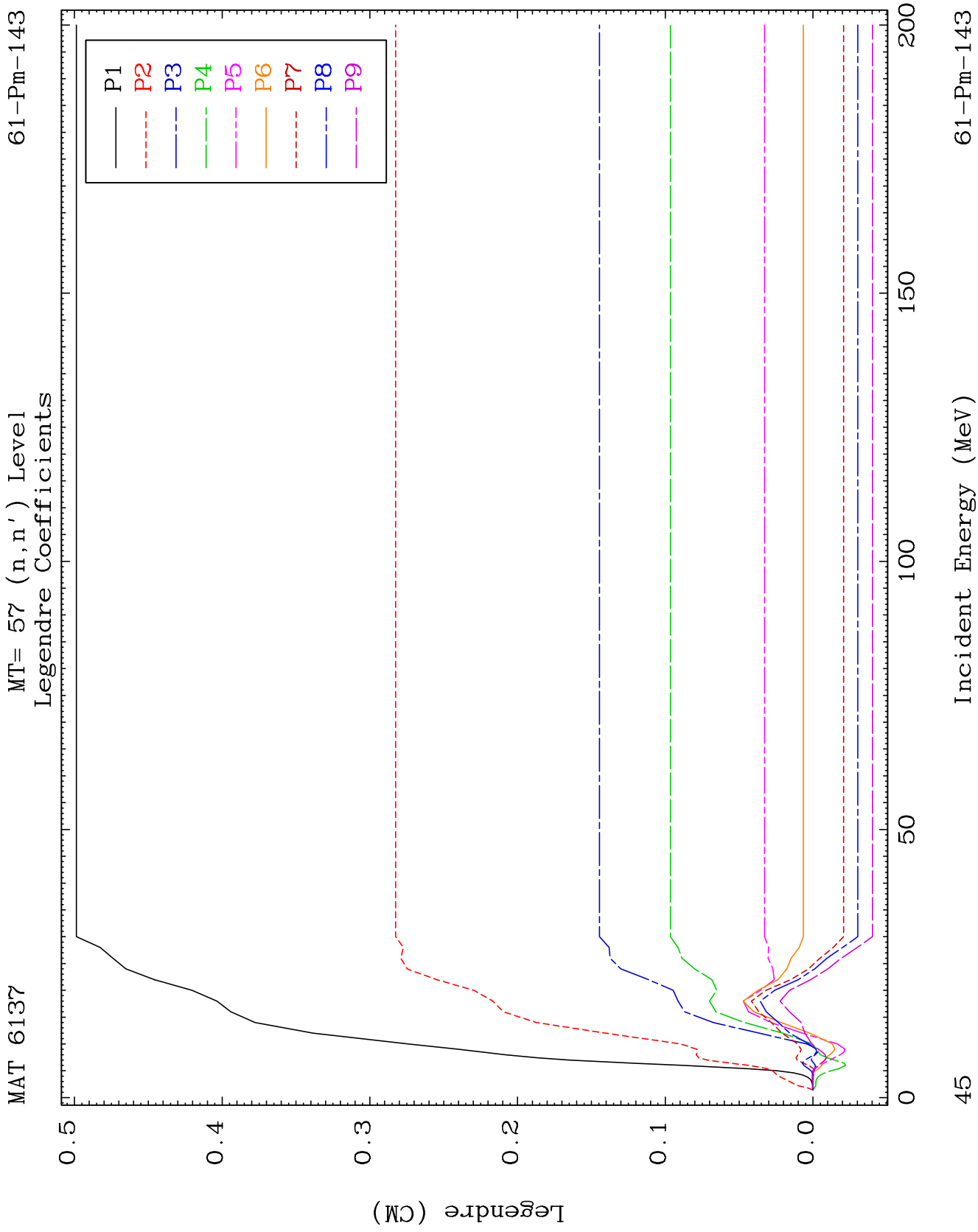


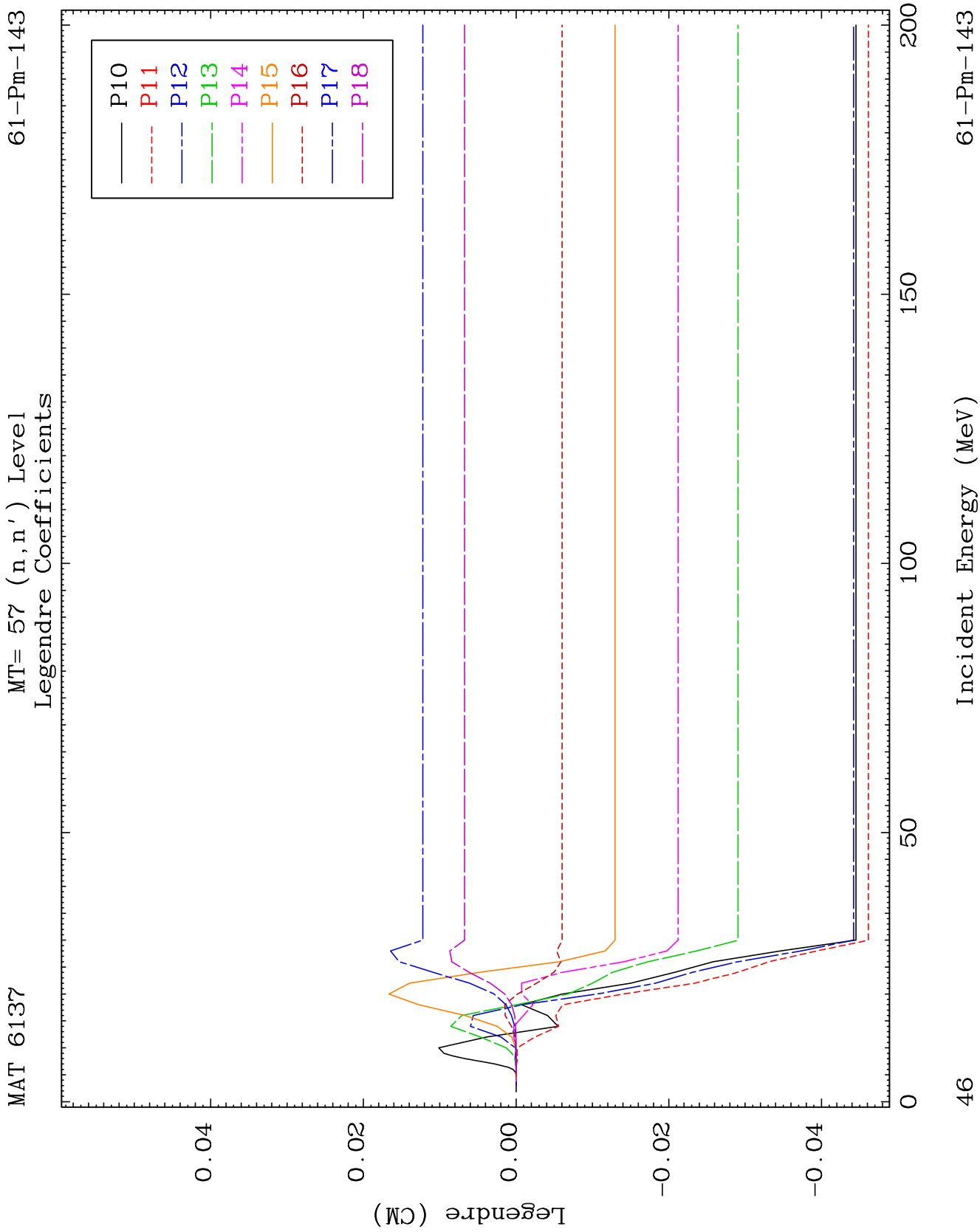
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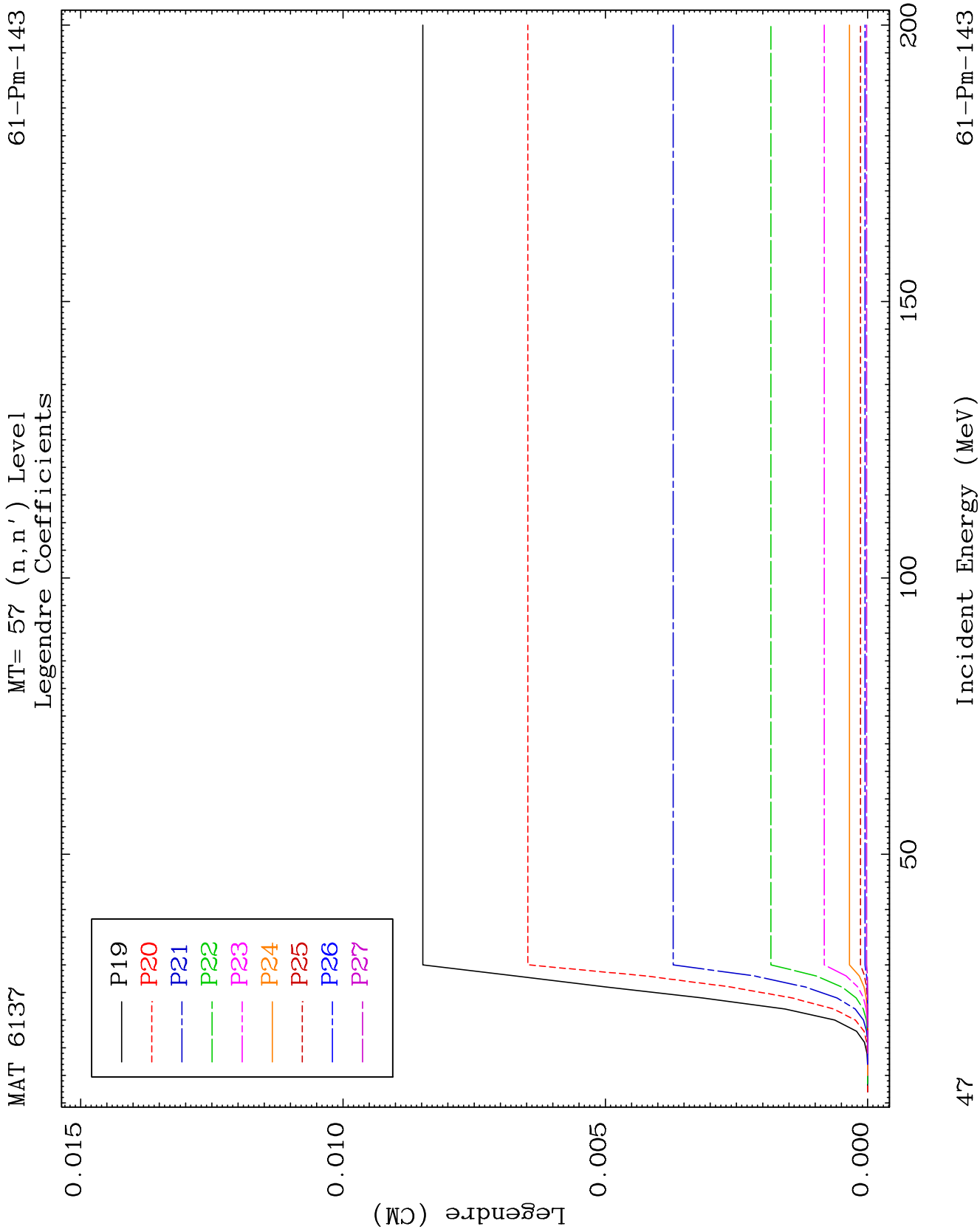
Incident Energy (MeV)

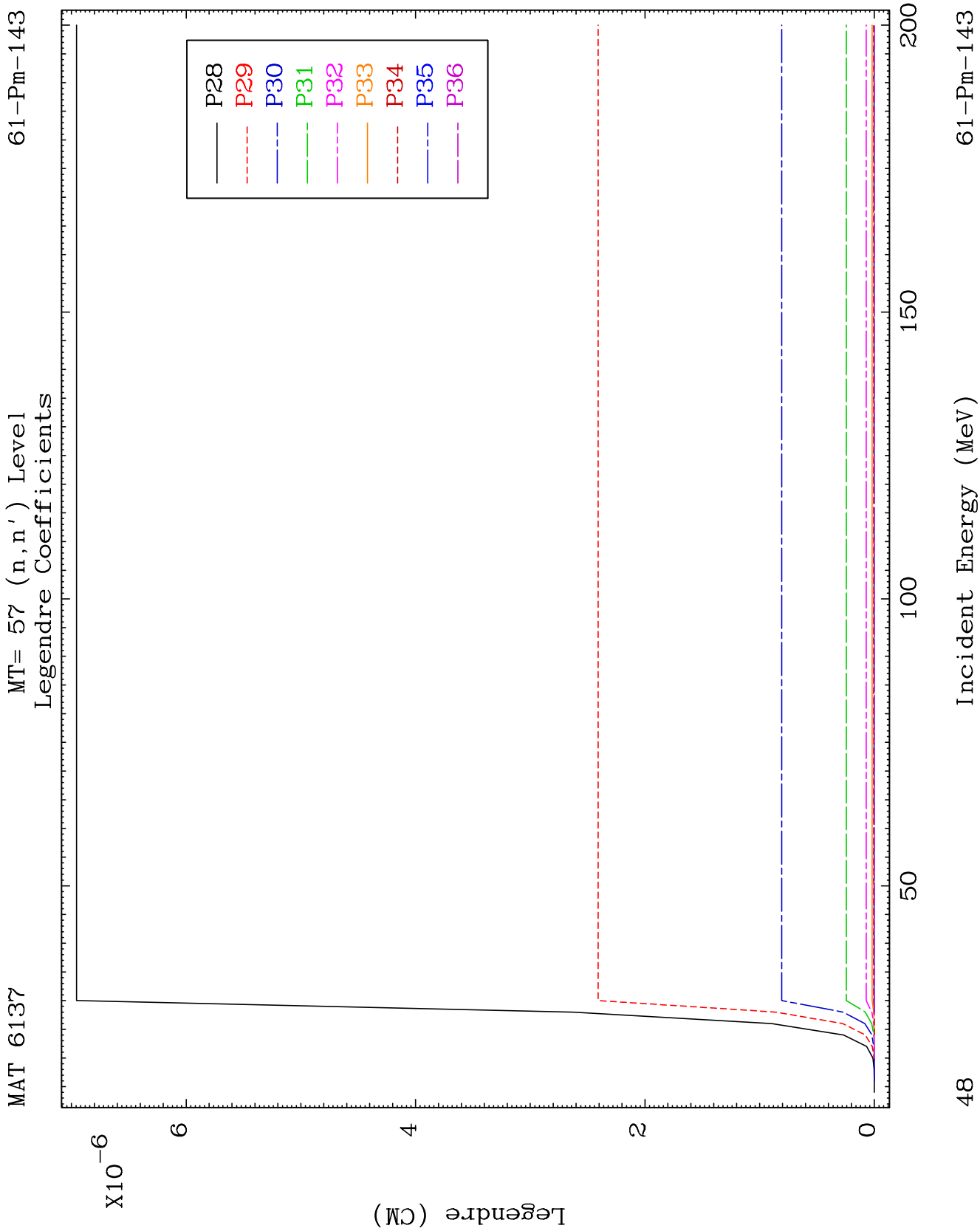


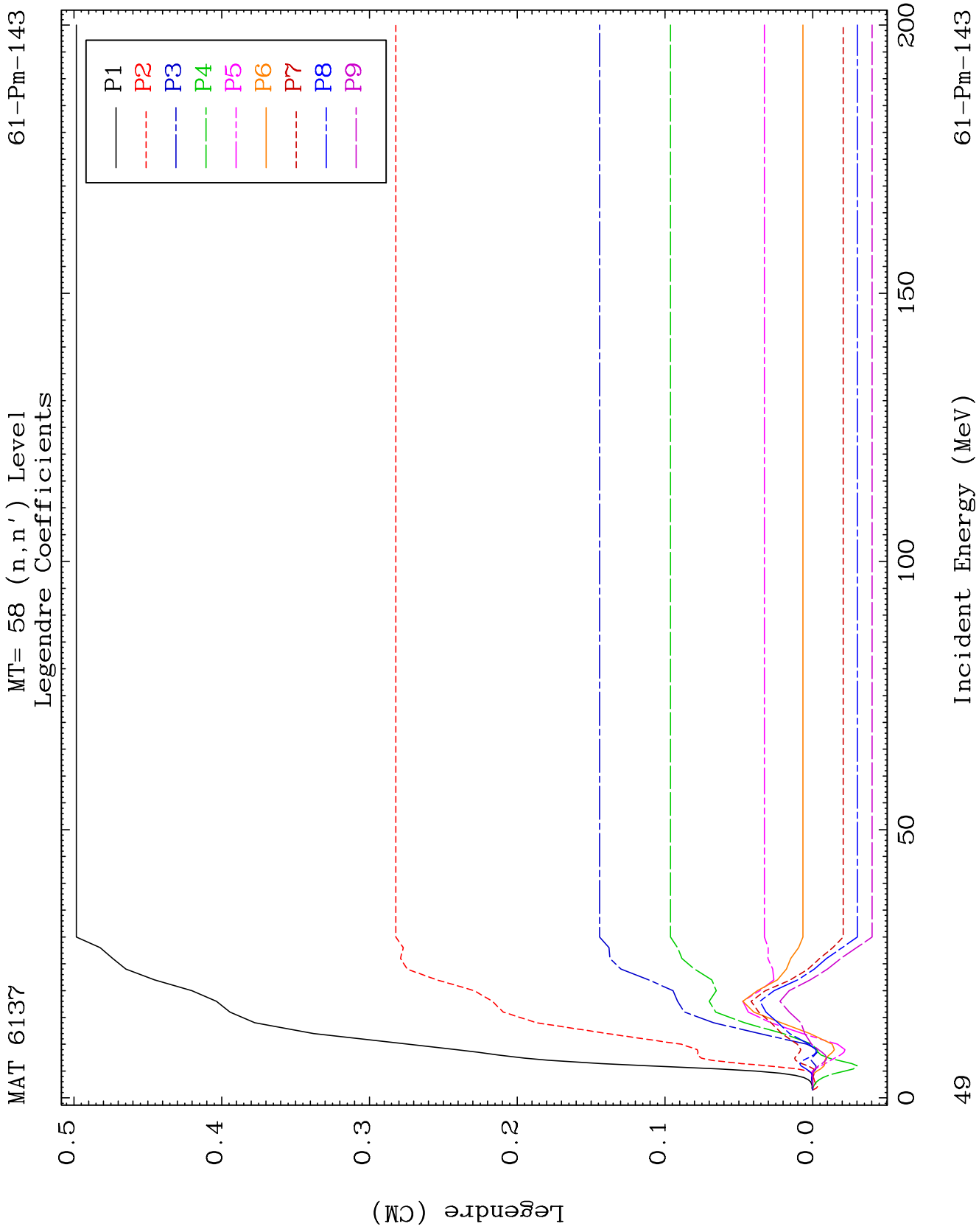


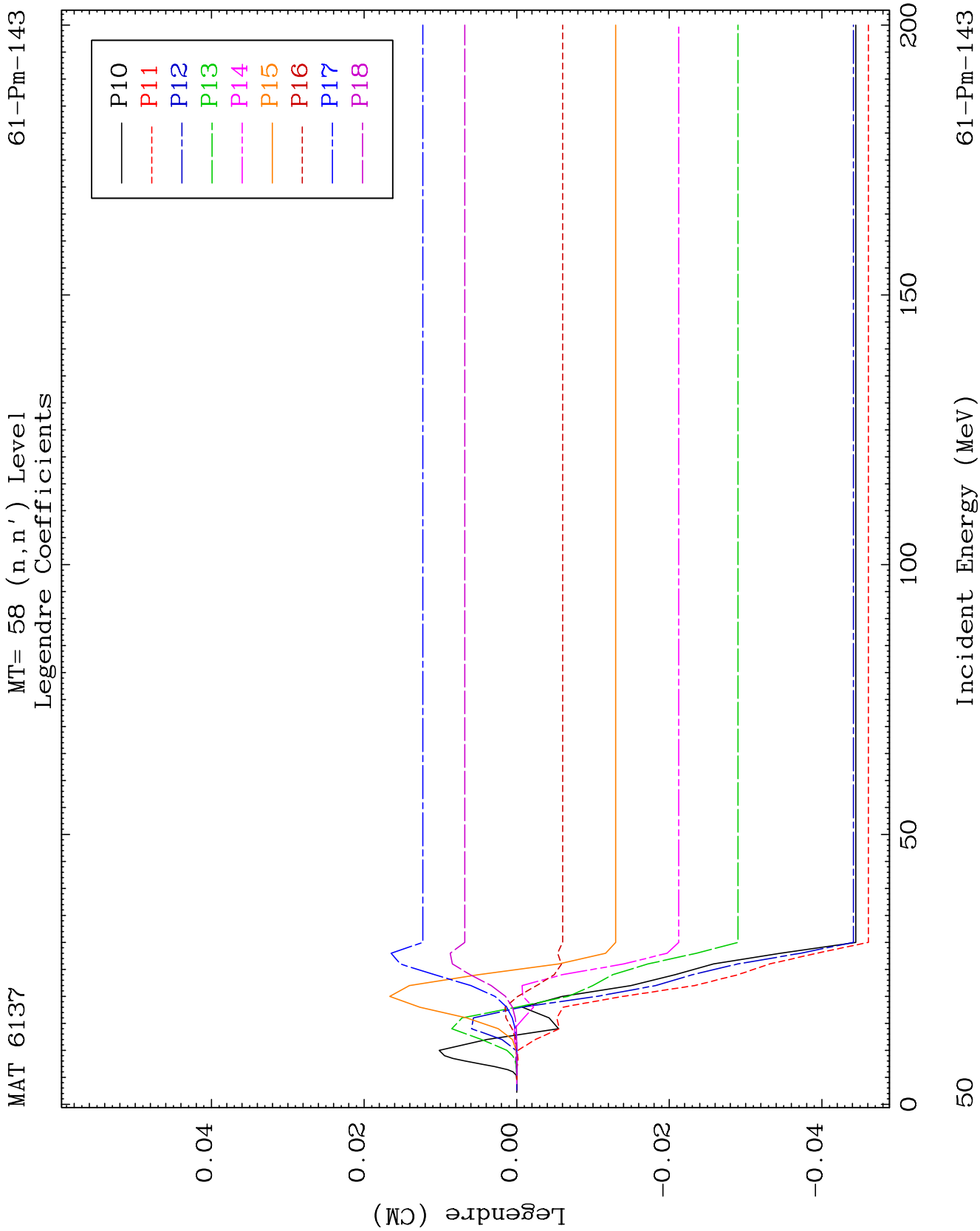


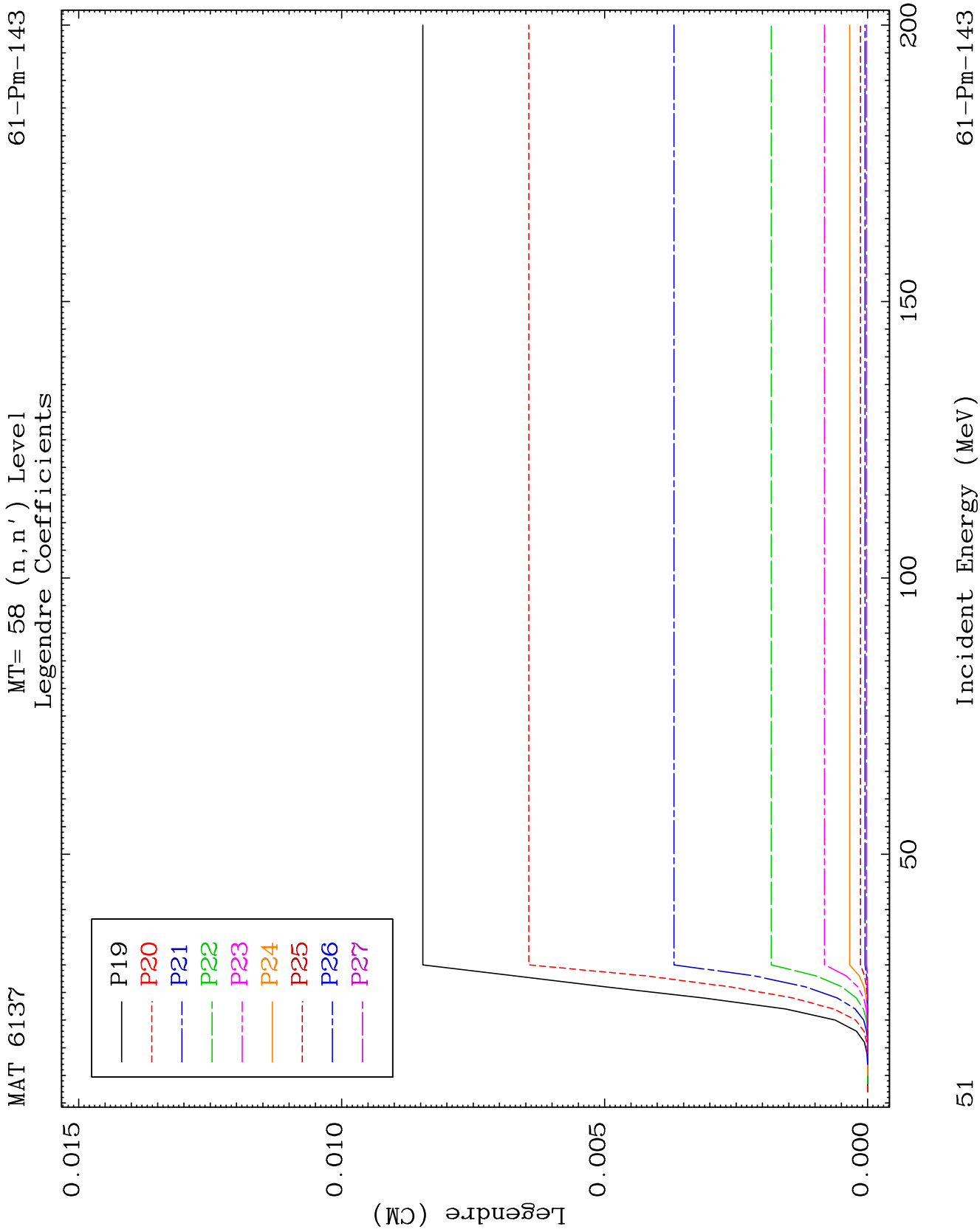


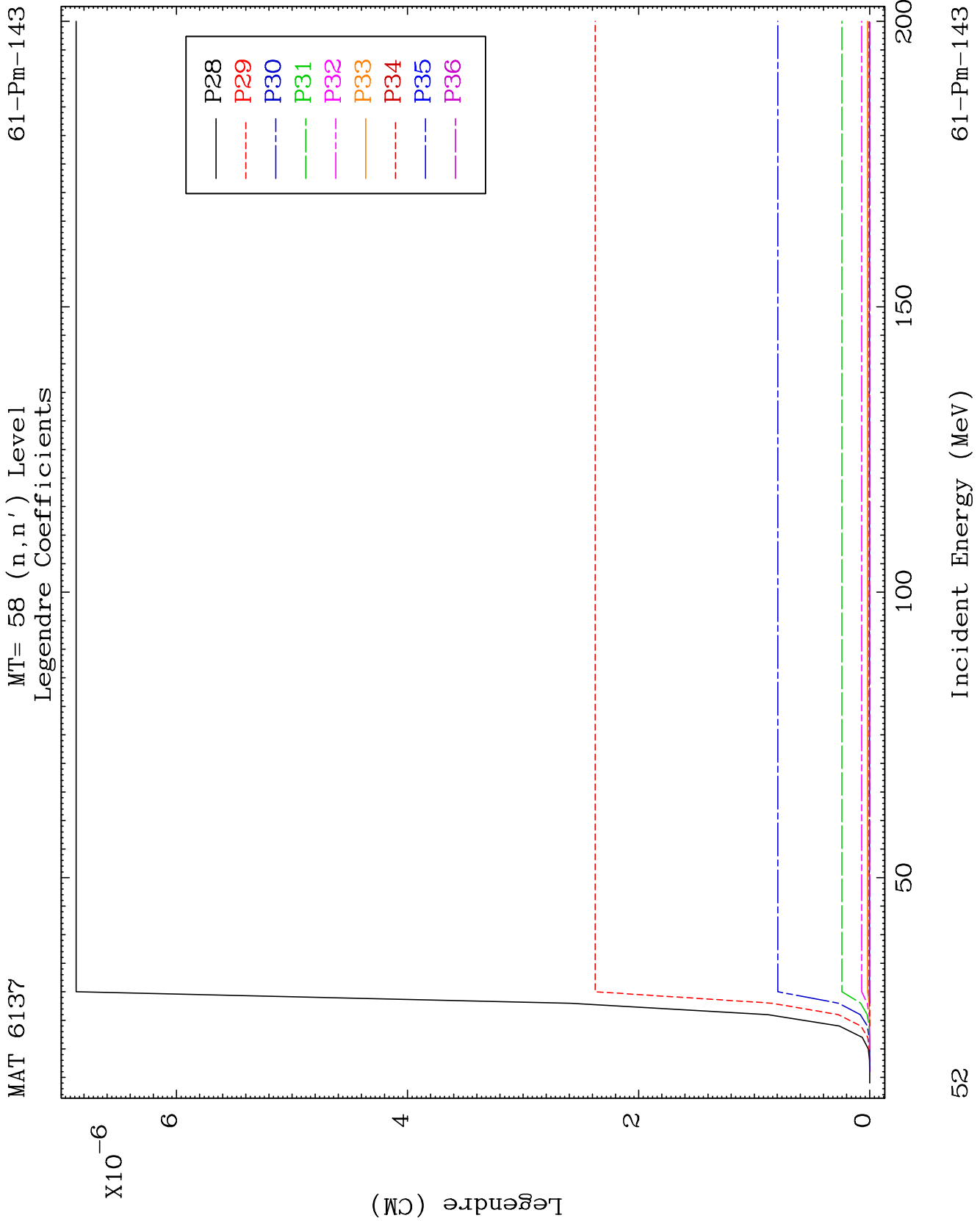


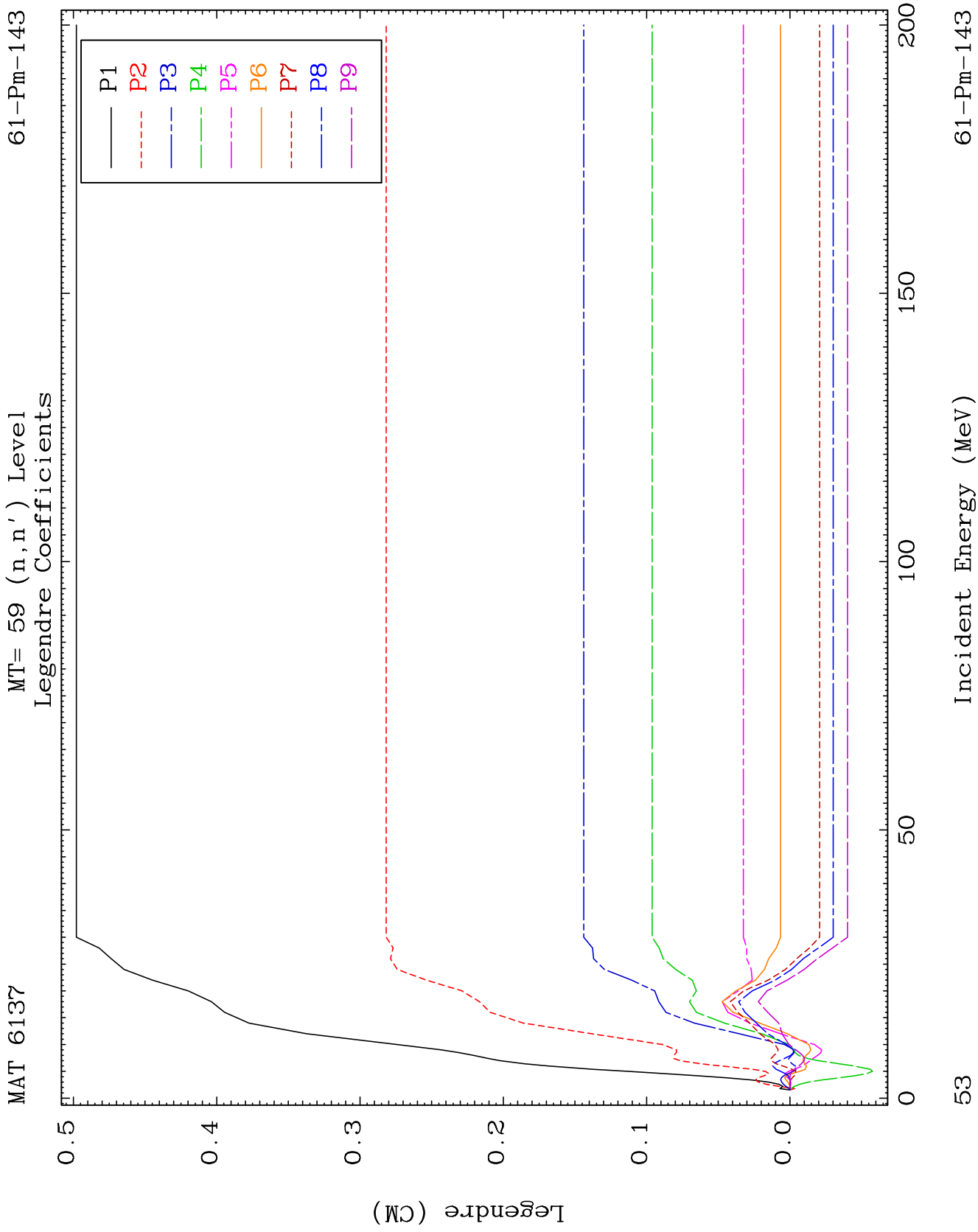


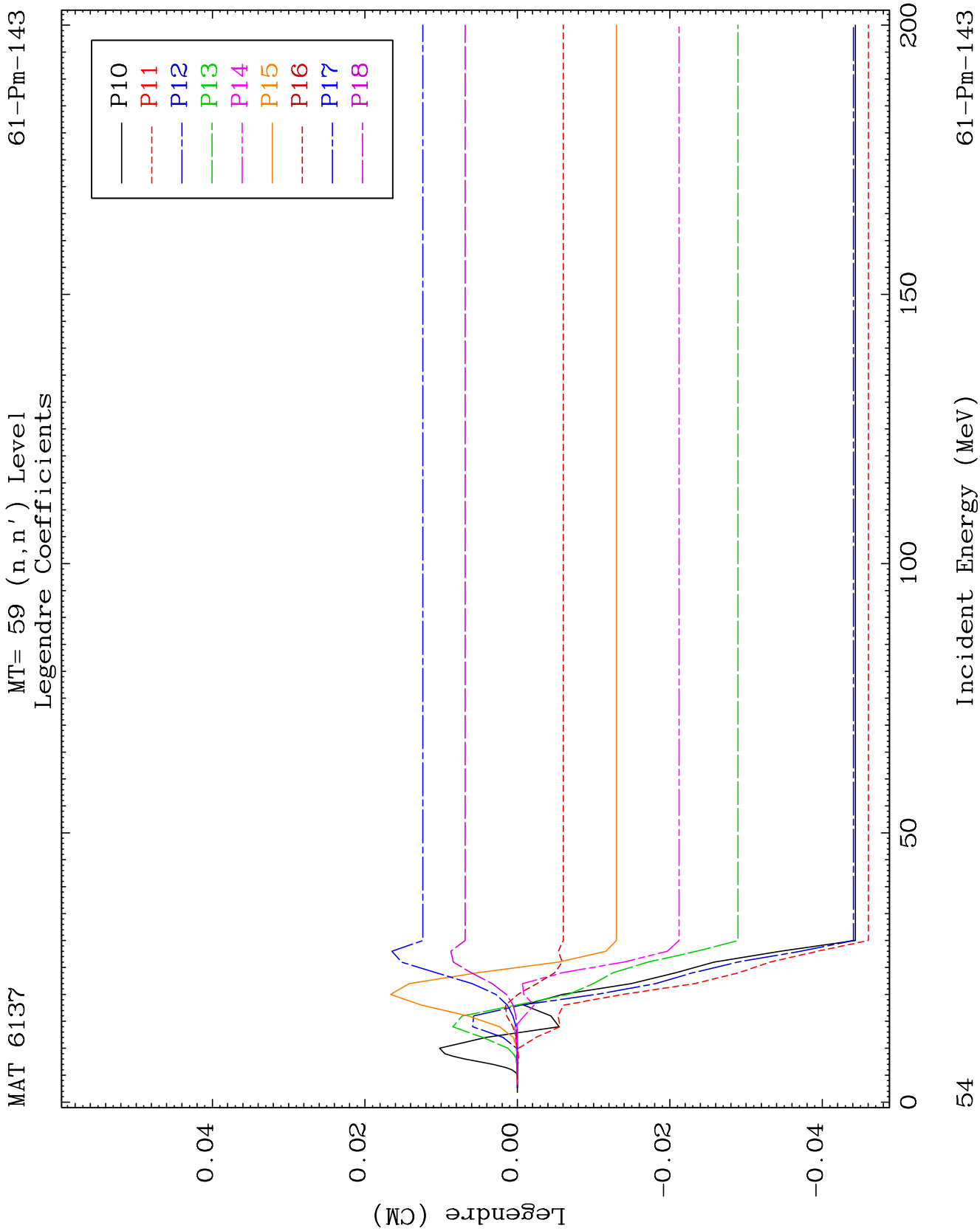


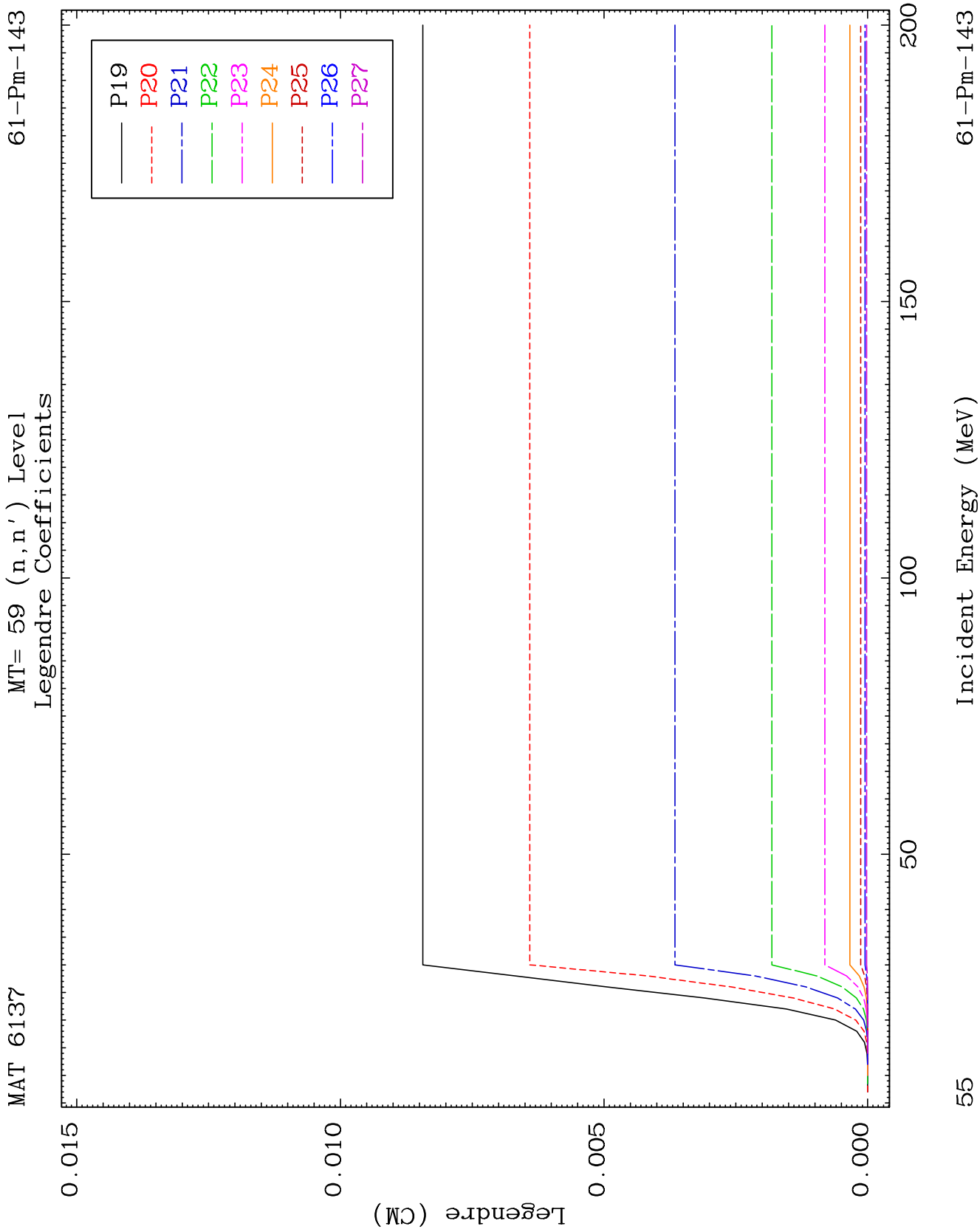


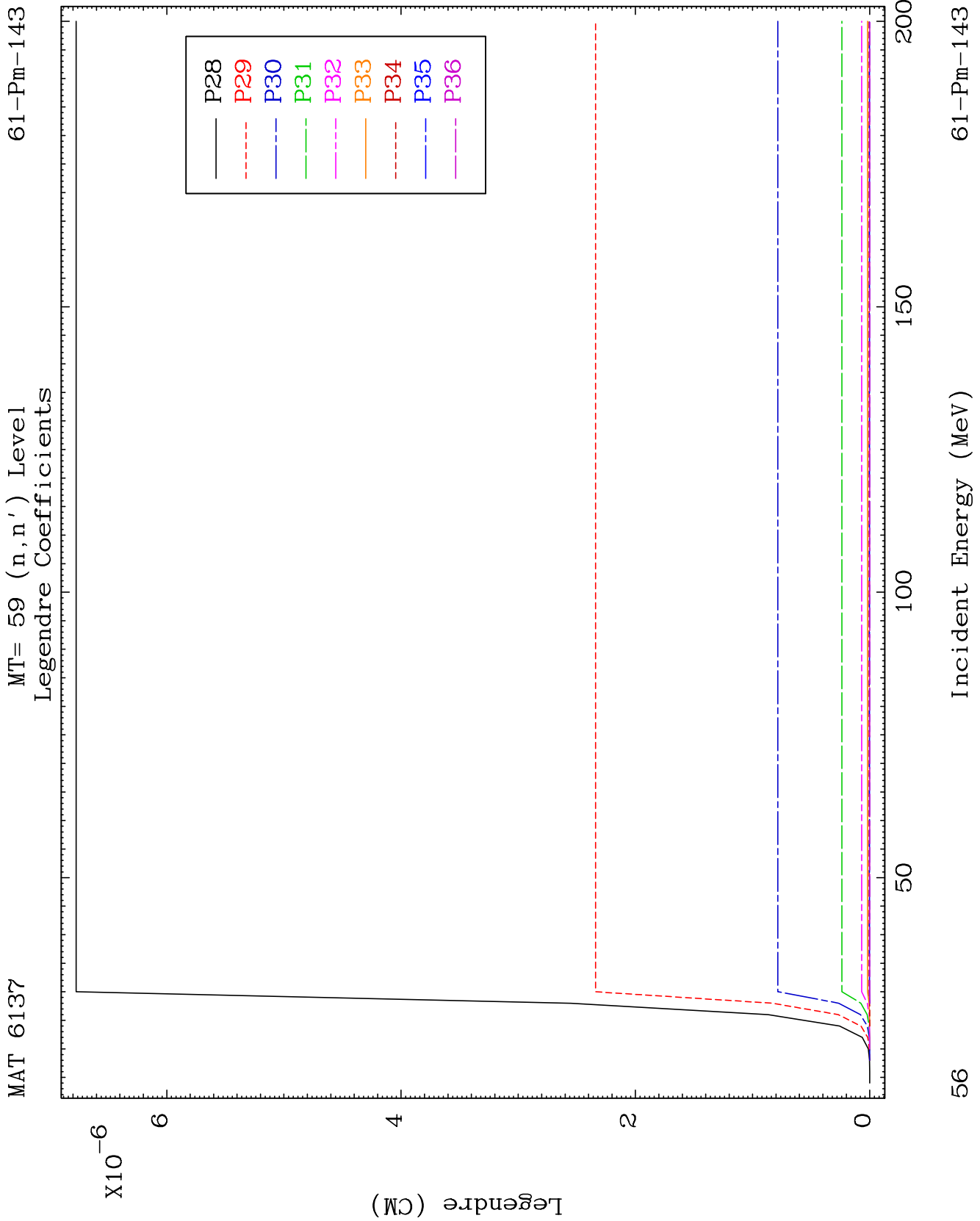


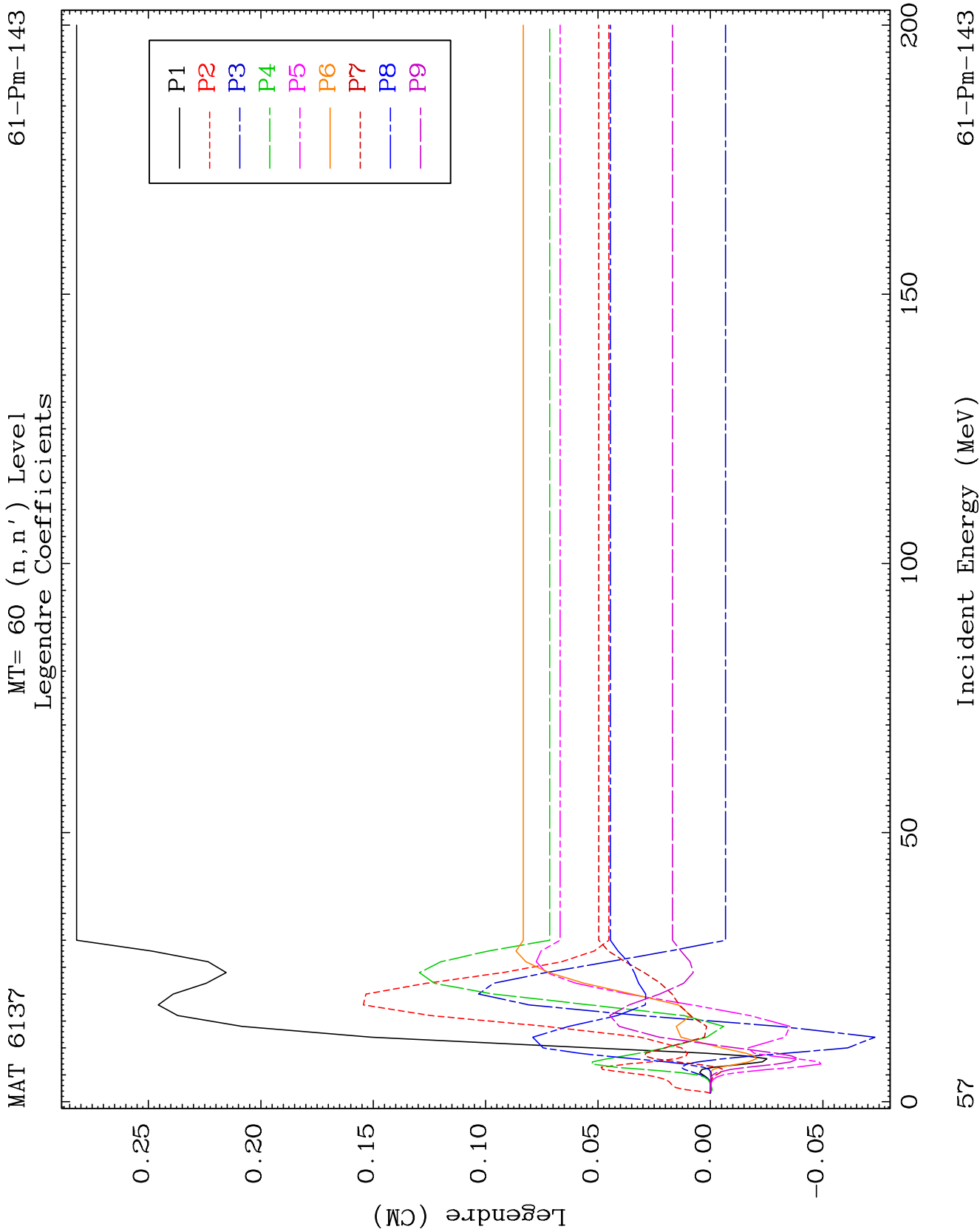


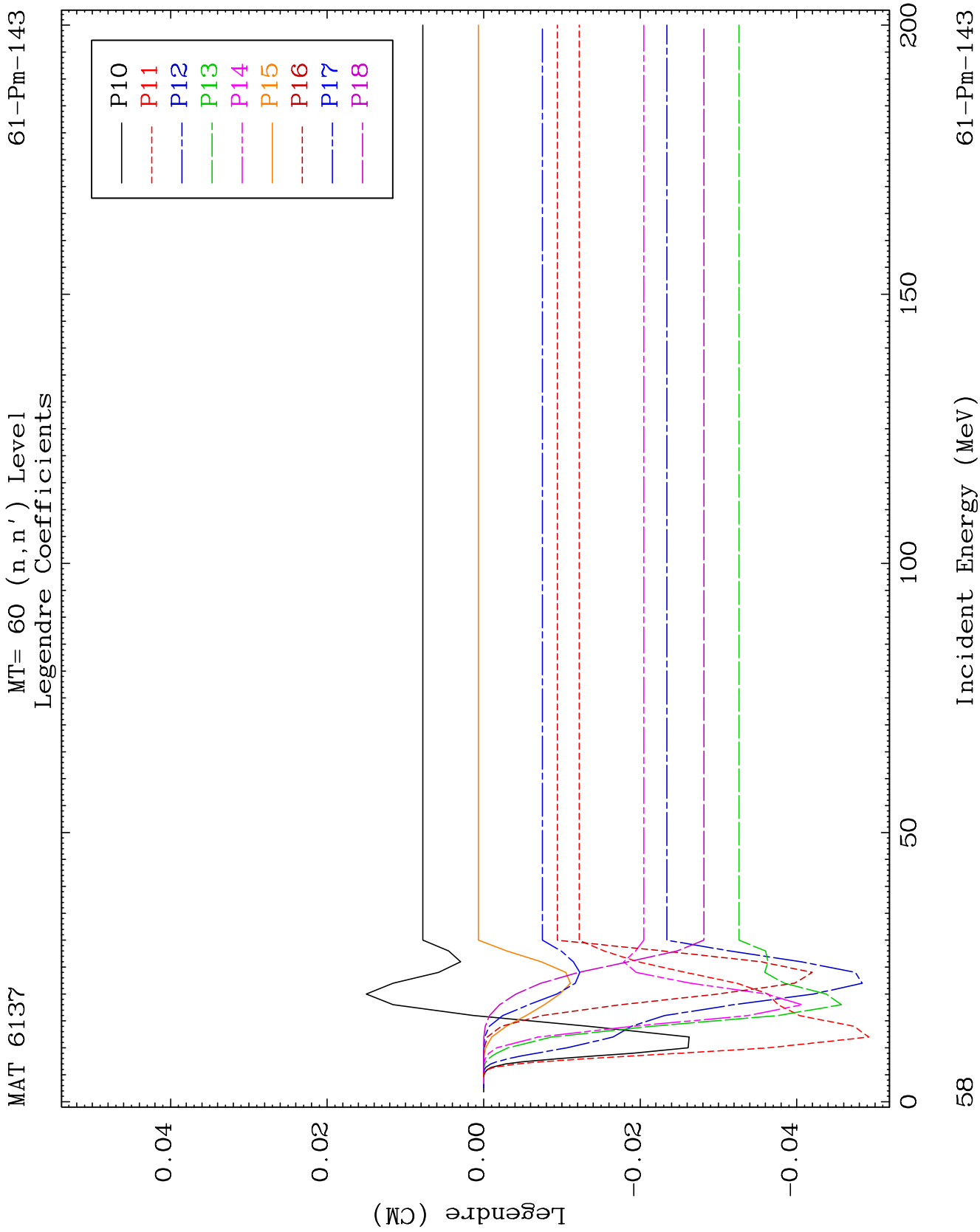










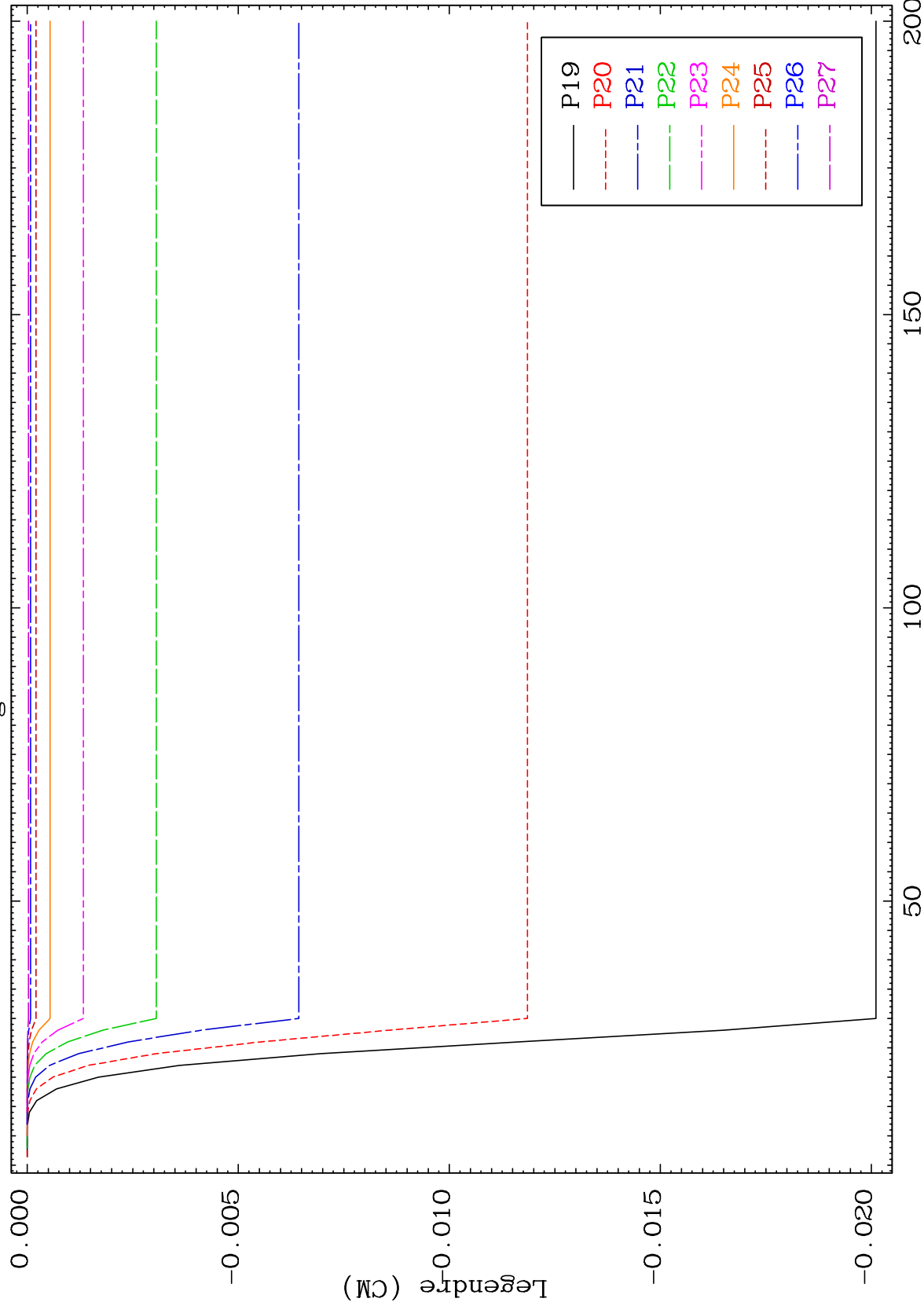


MAT 6137

MT= 60 (n, n') Level

61-Pm-143

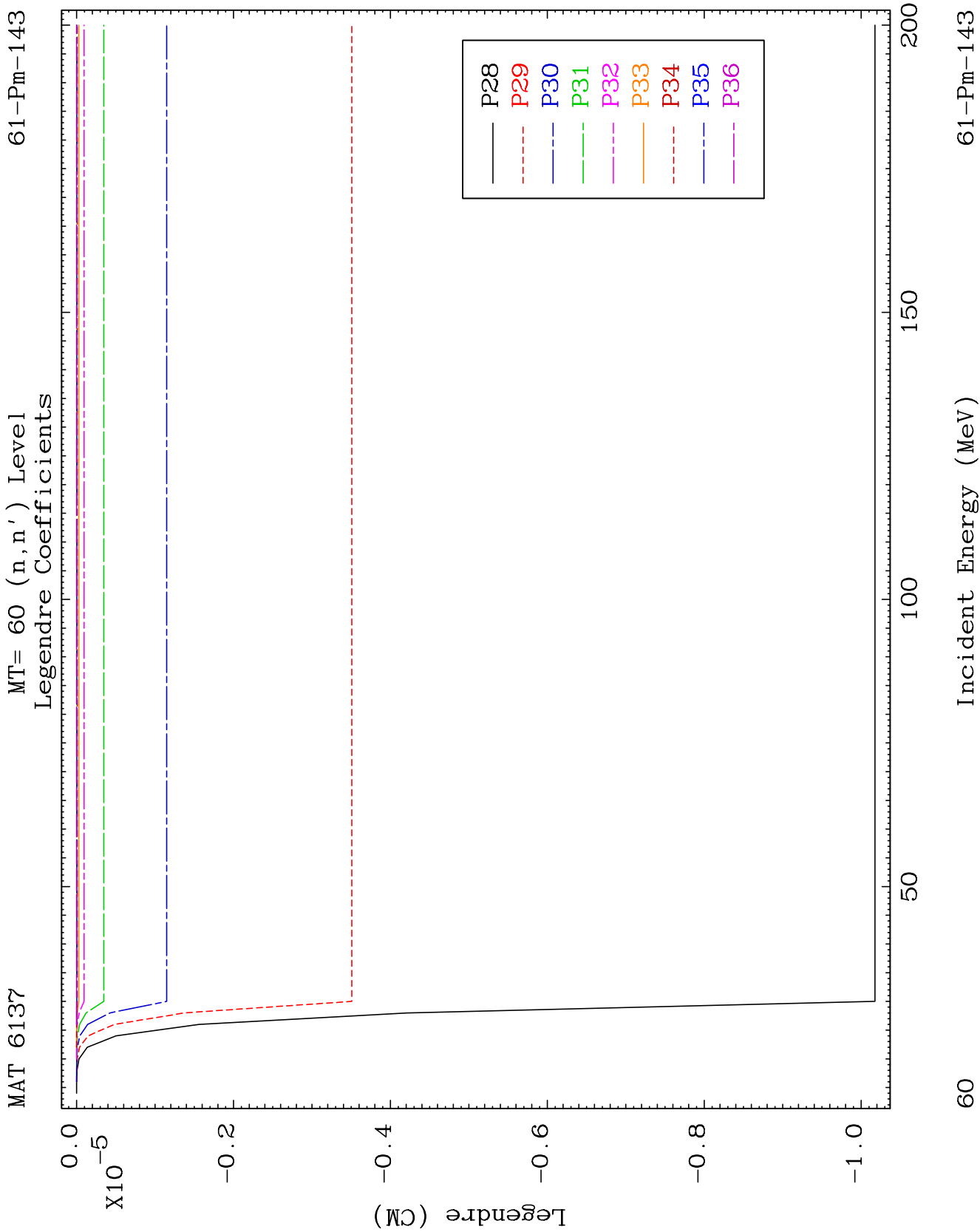
Legendre Coefficients



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Incident Energy (MeV)

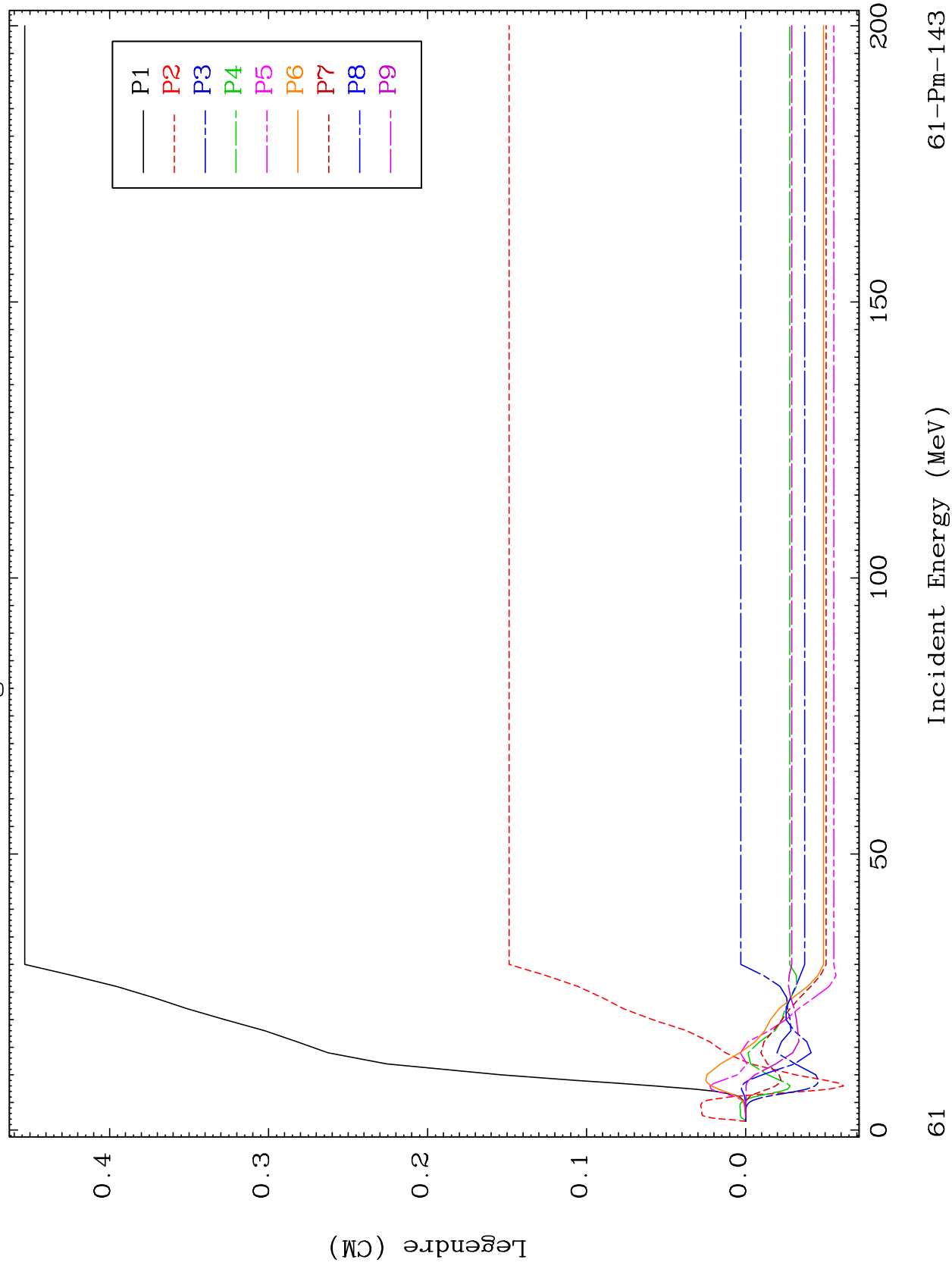
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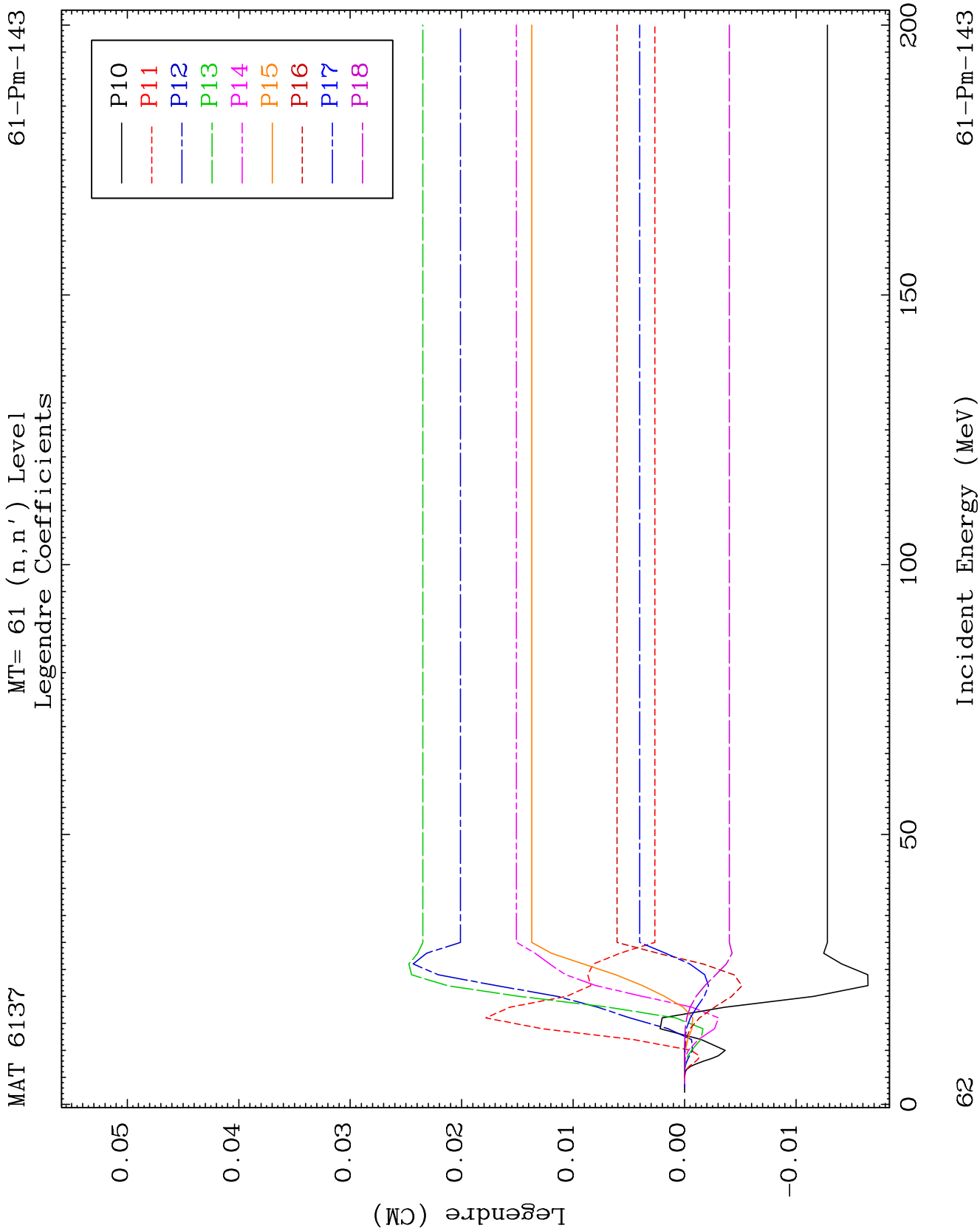


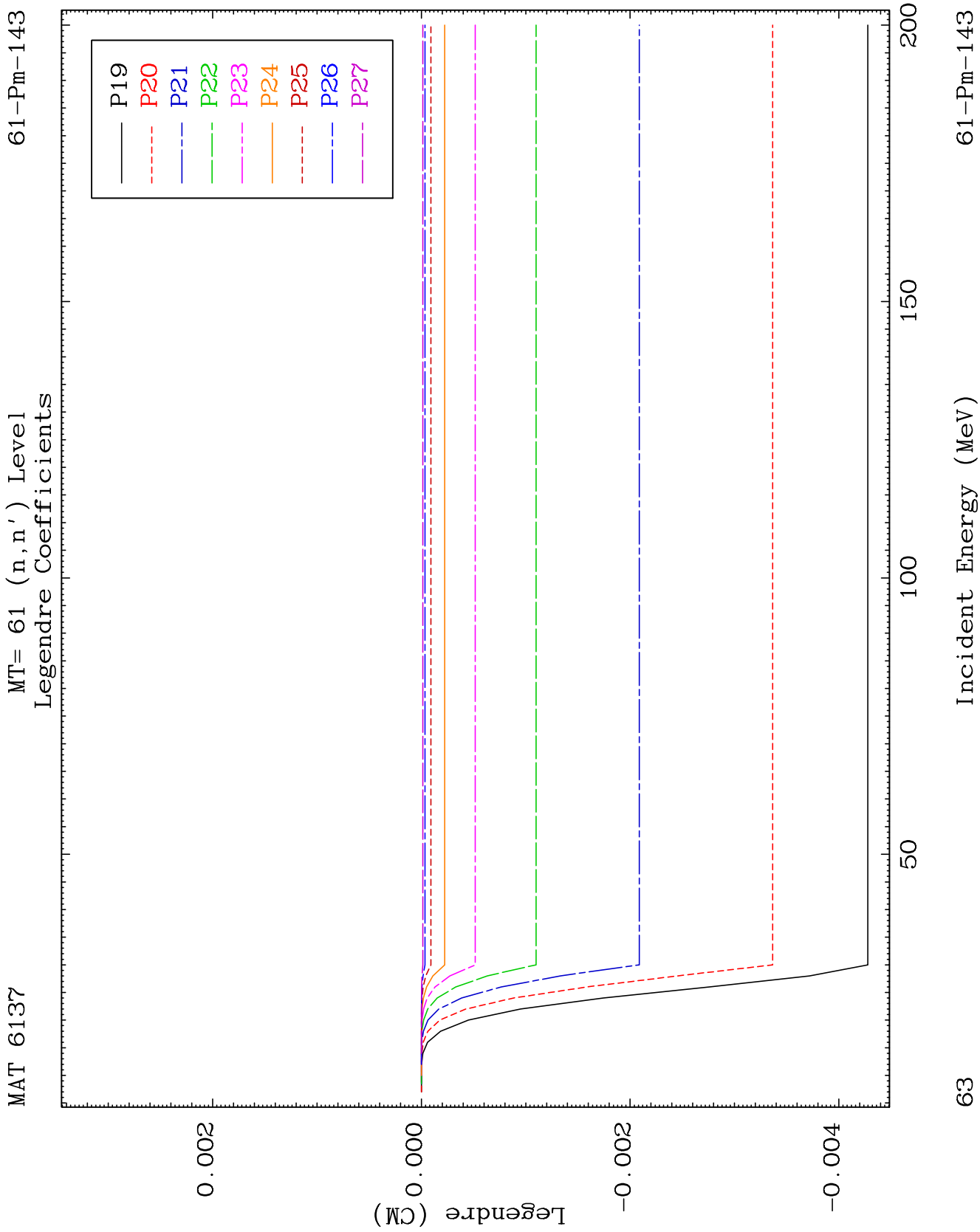
MAT 6137

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

61-Pm-143



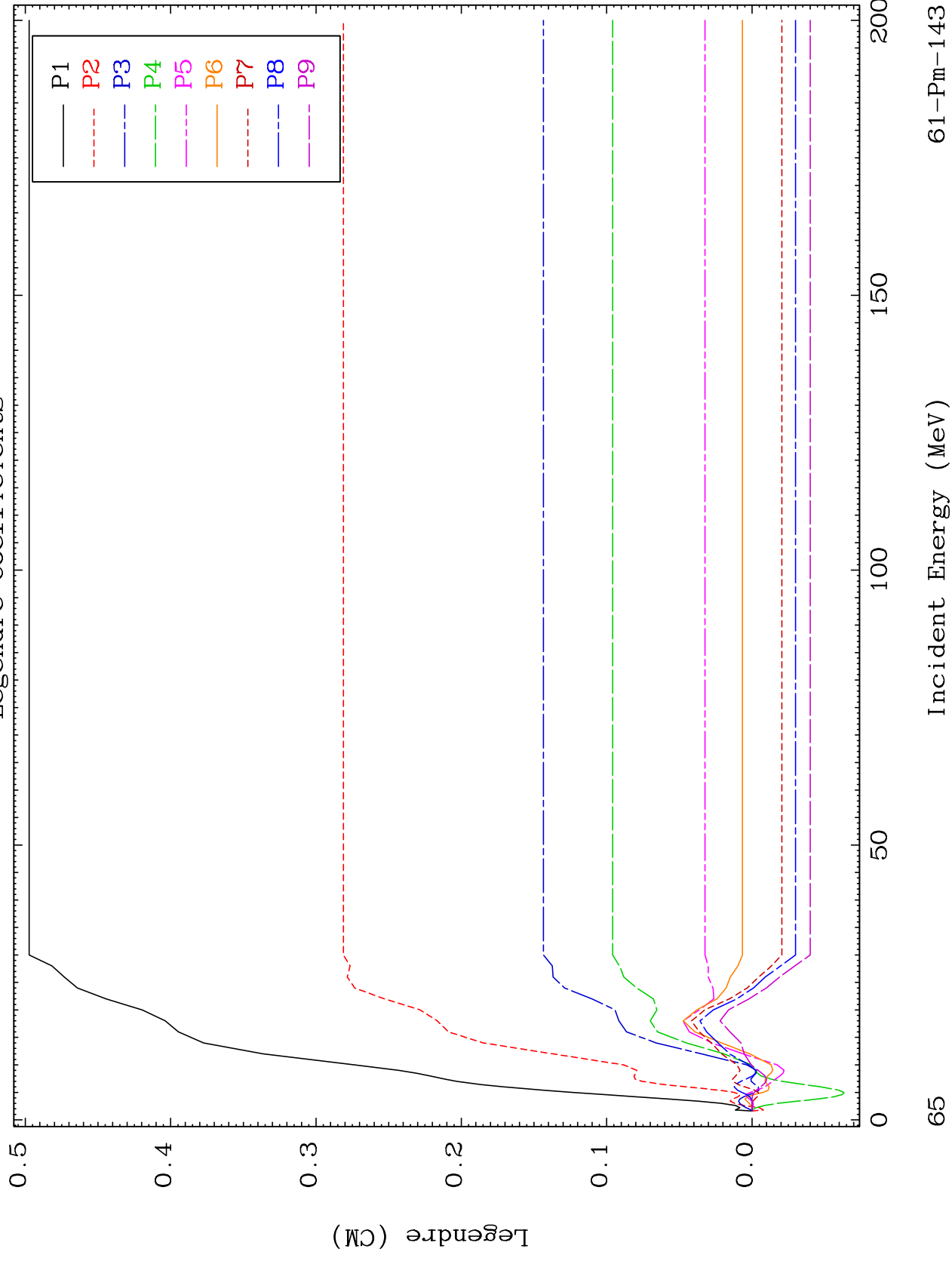




MAT 6137

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

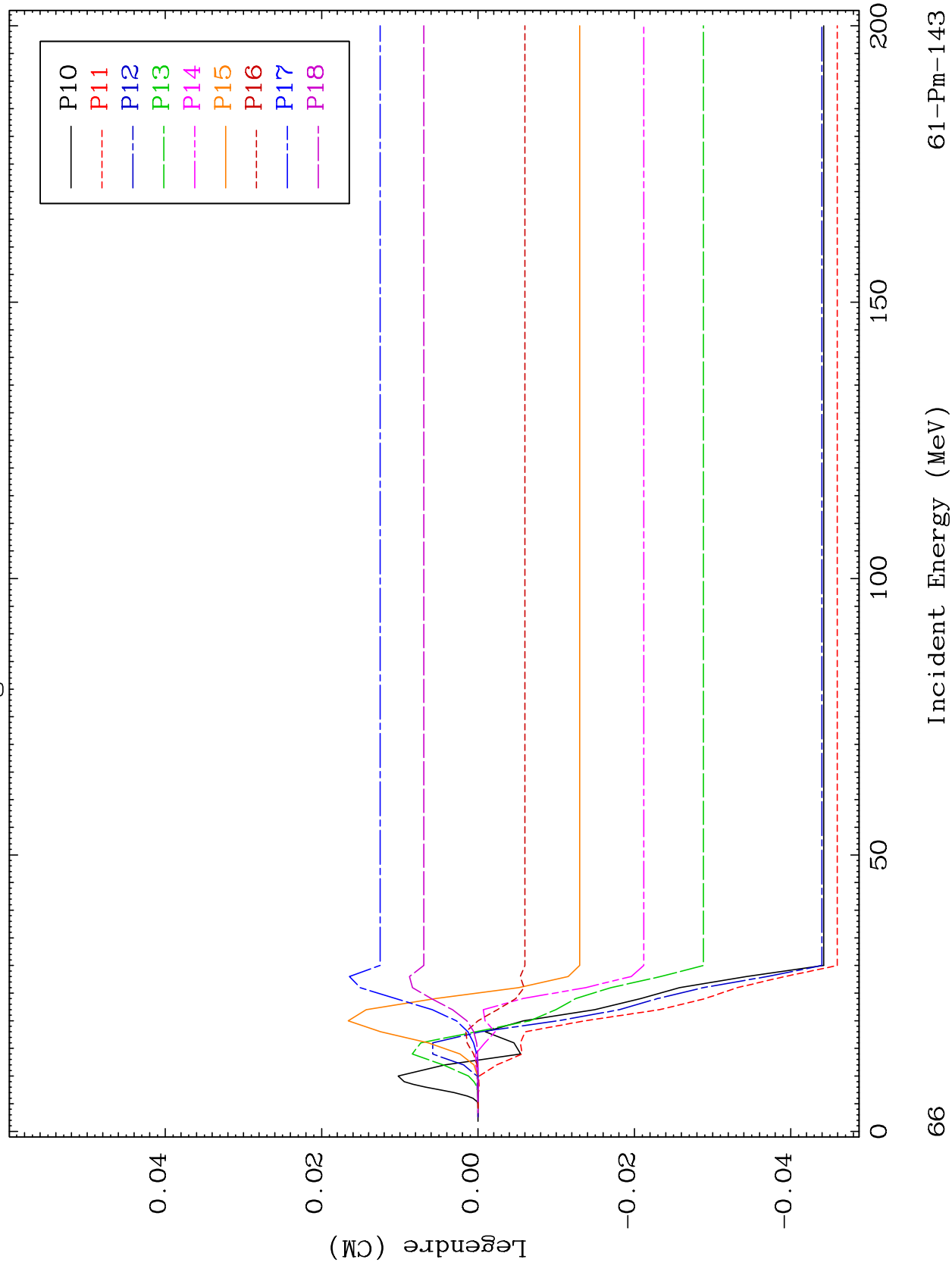
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MAT 6137

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

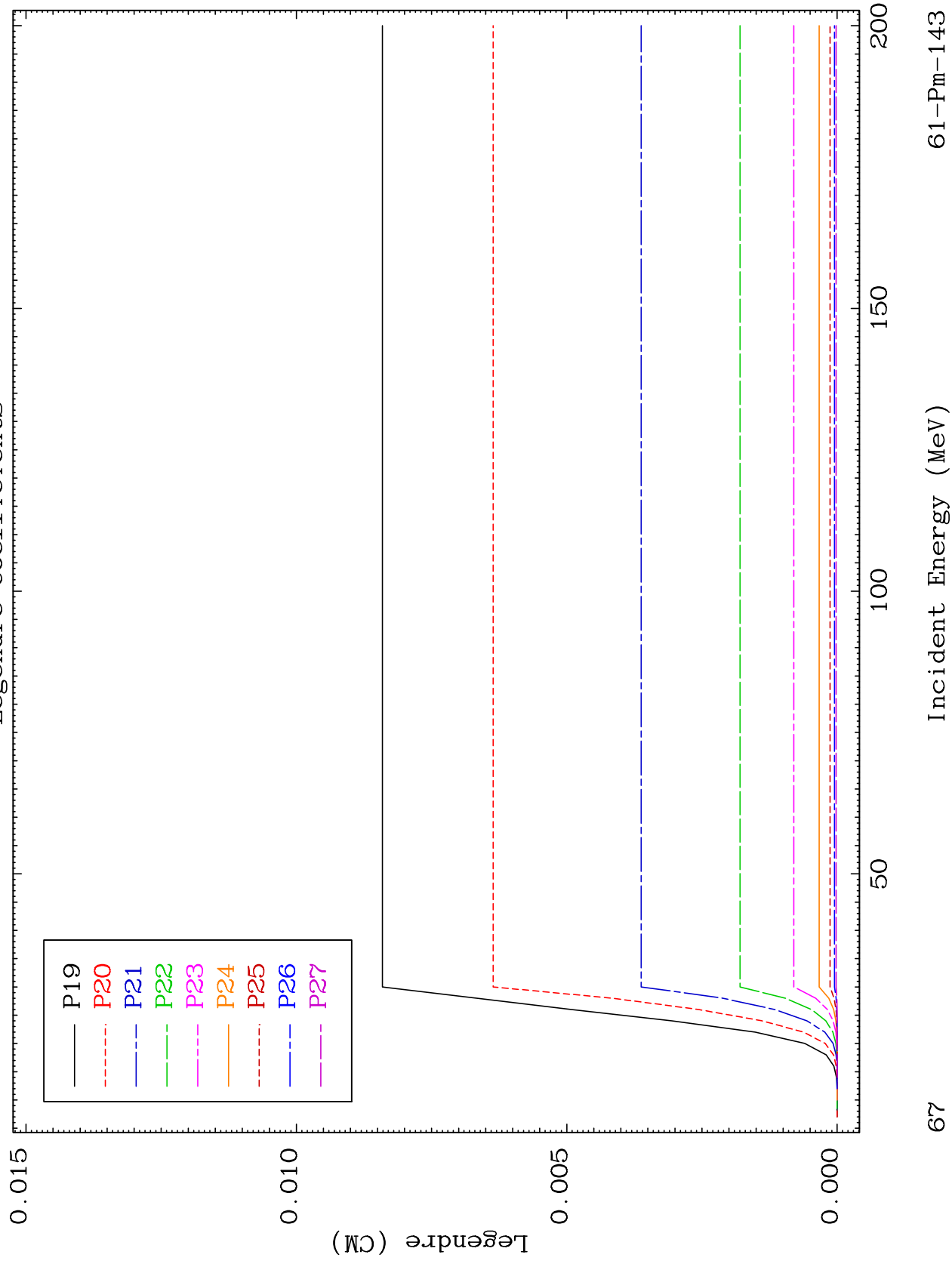
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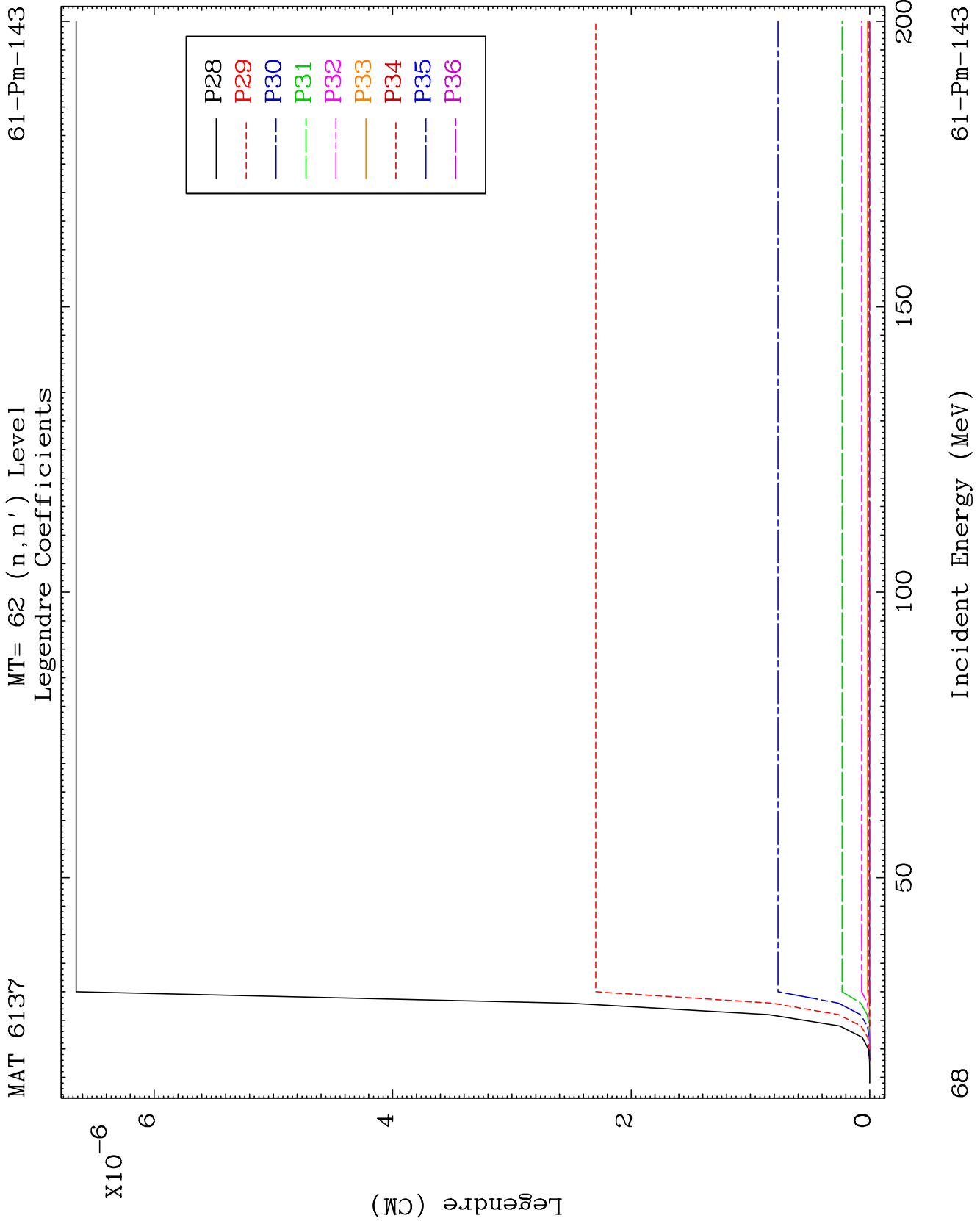


MAT 6137

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

61-Pm-143

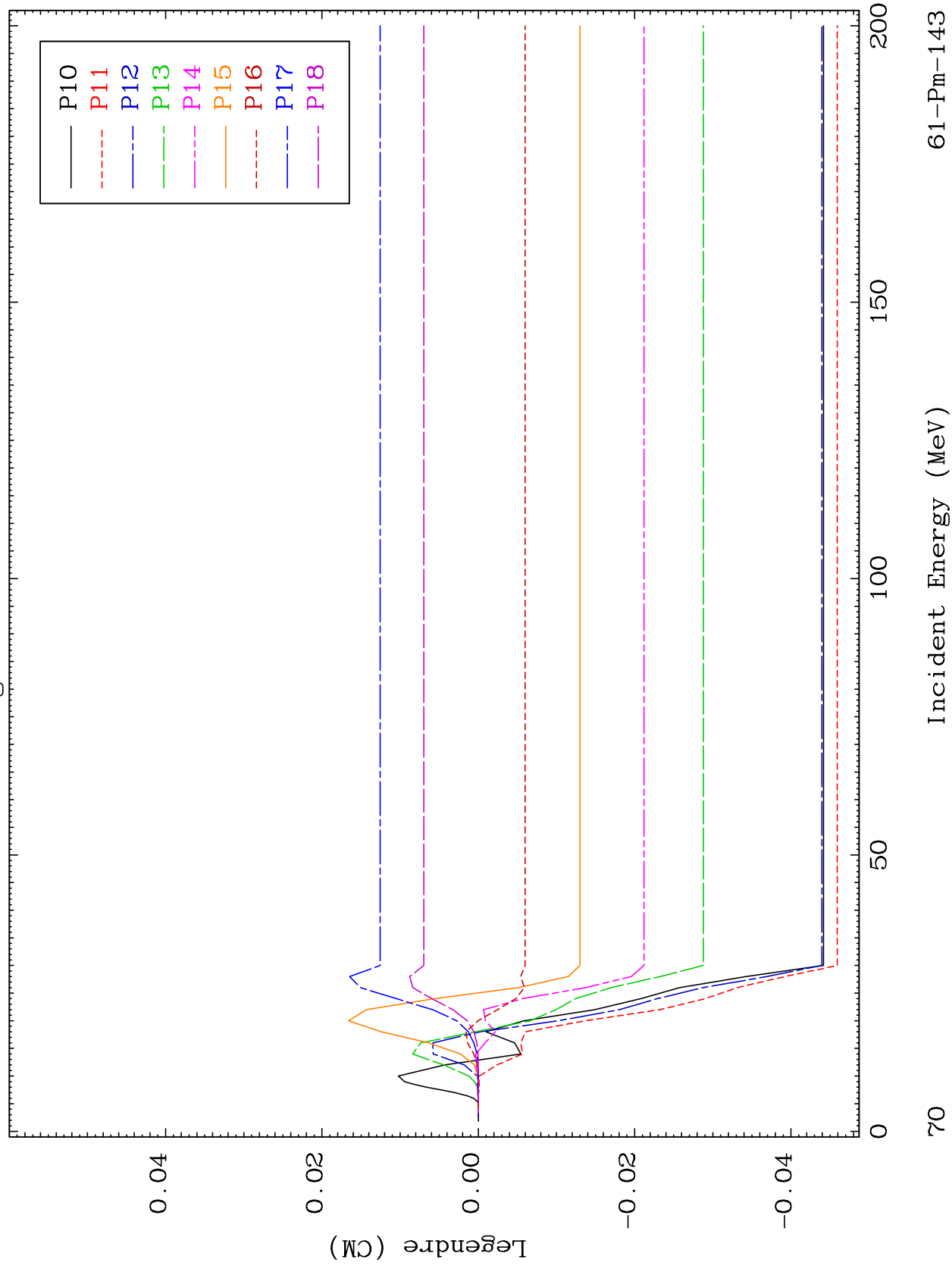




MAT 6137

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

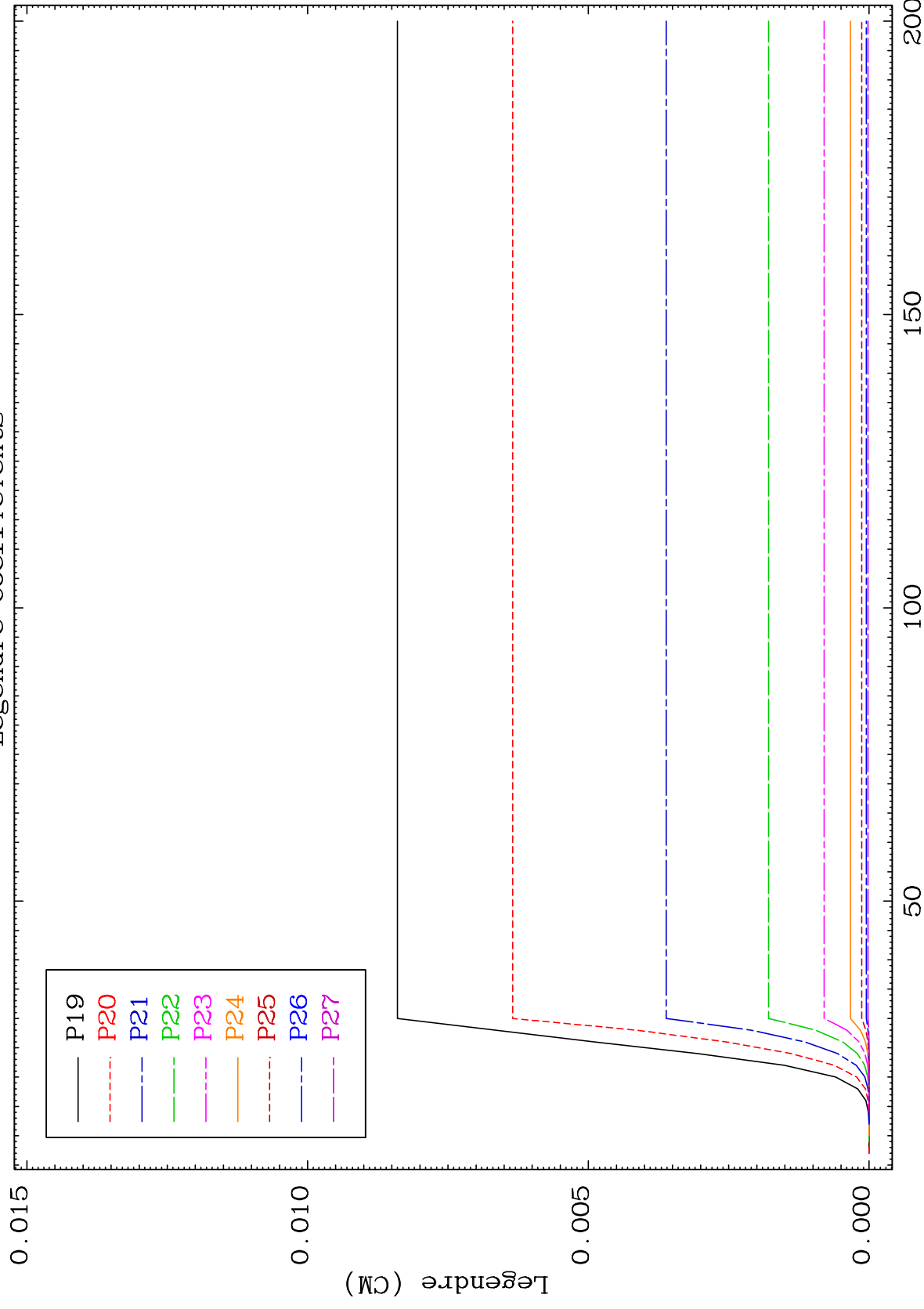
61-Pm-143



MAT 6137

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

61-Pm-143



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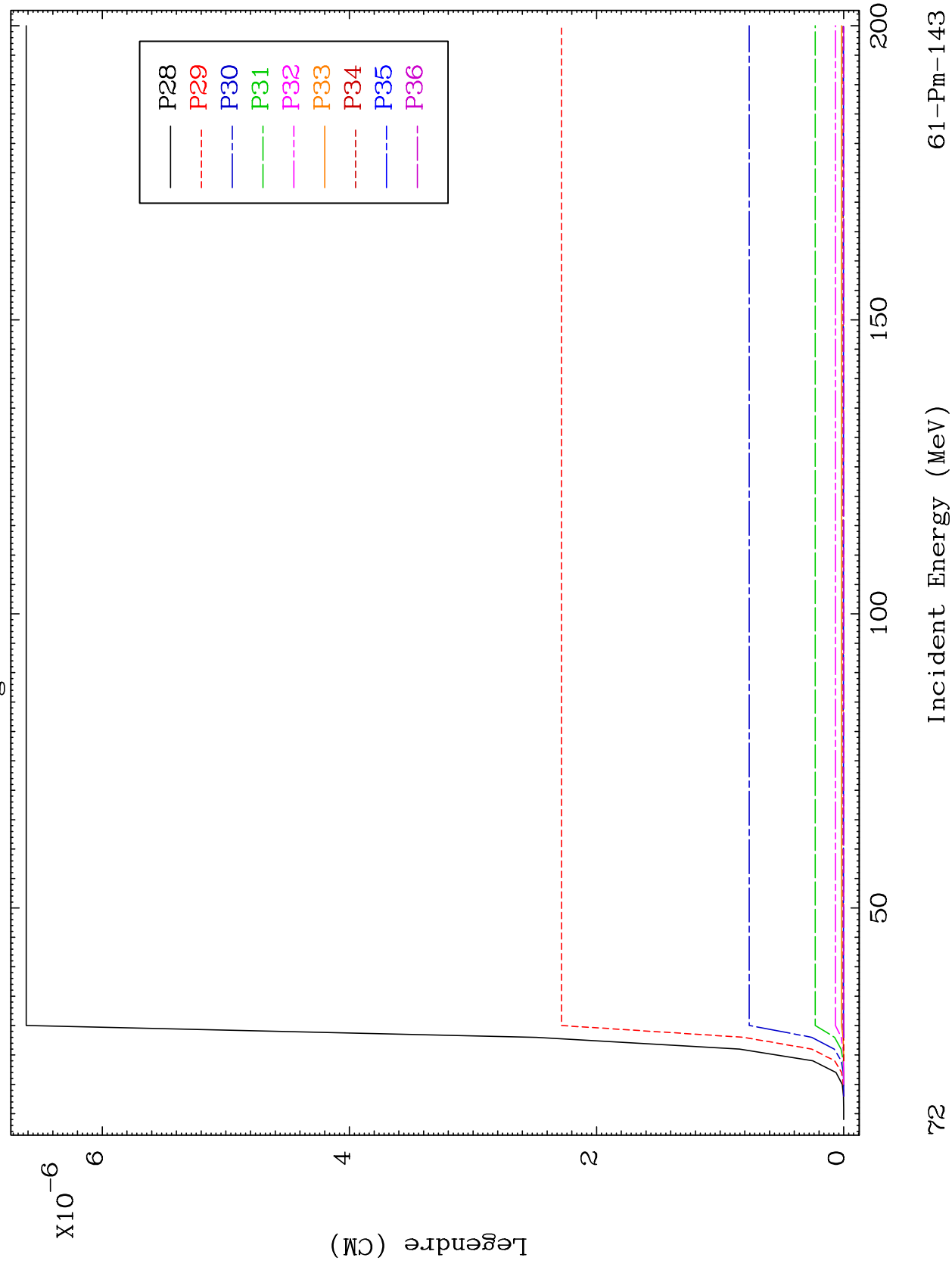
Incident Energy (MeV)

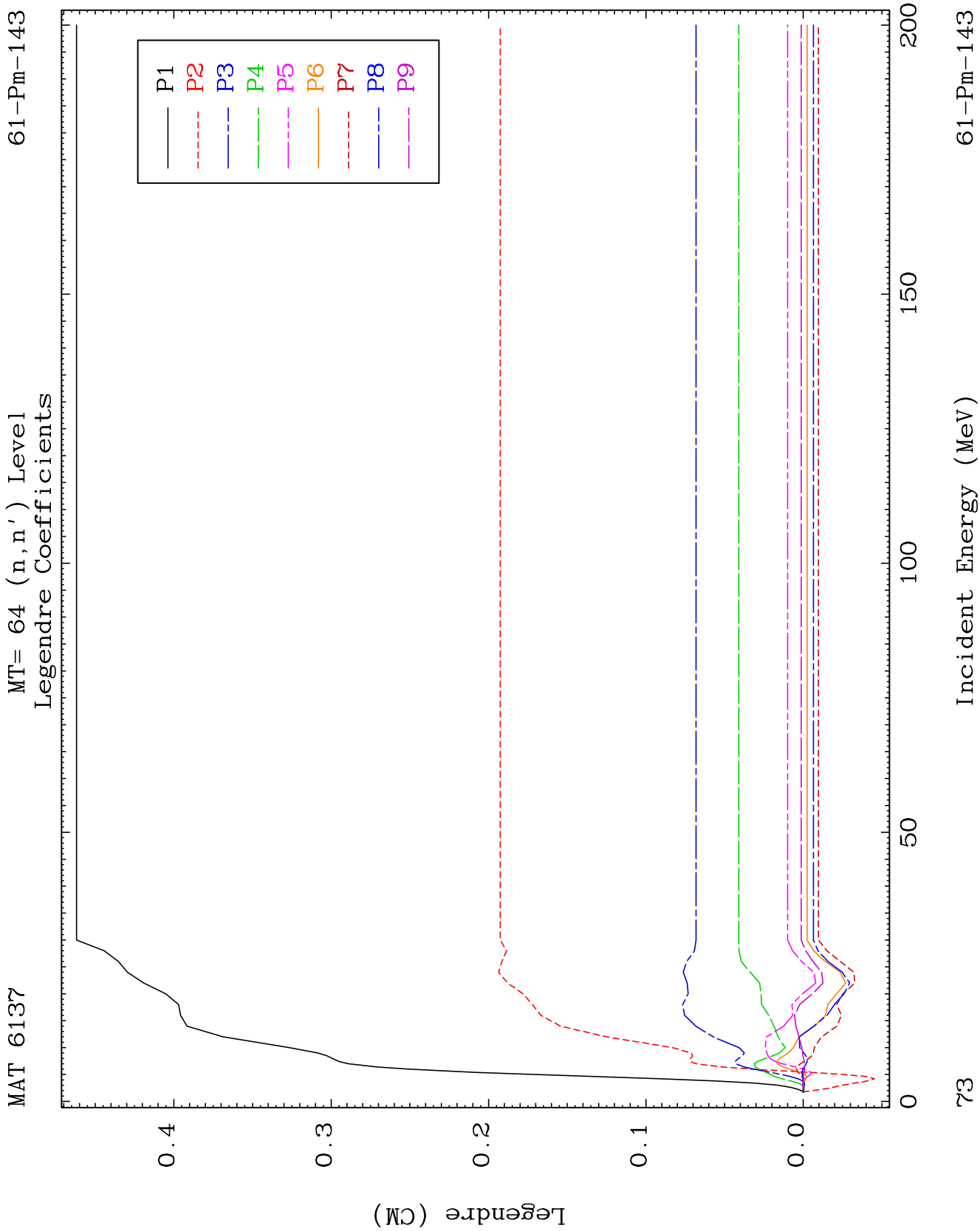
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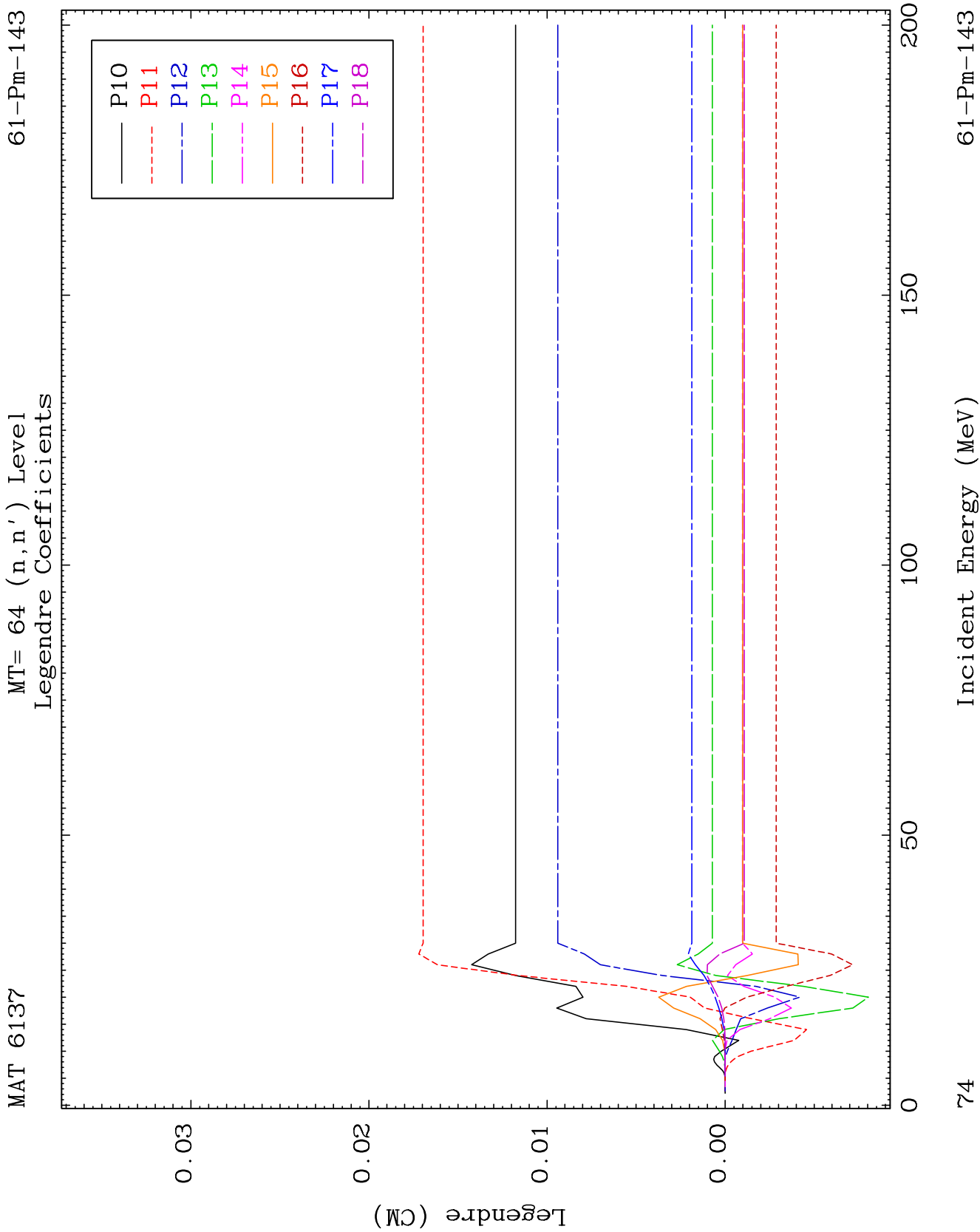
MAT 6137

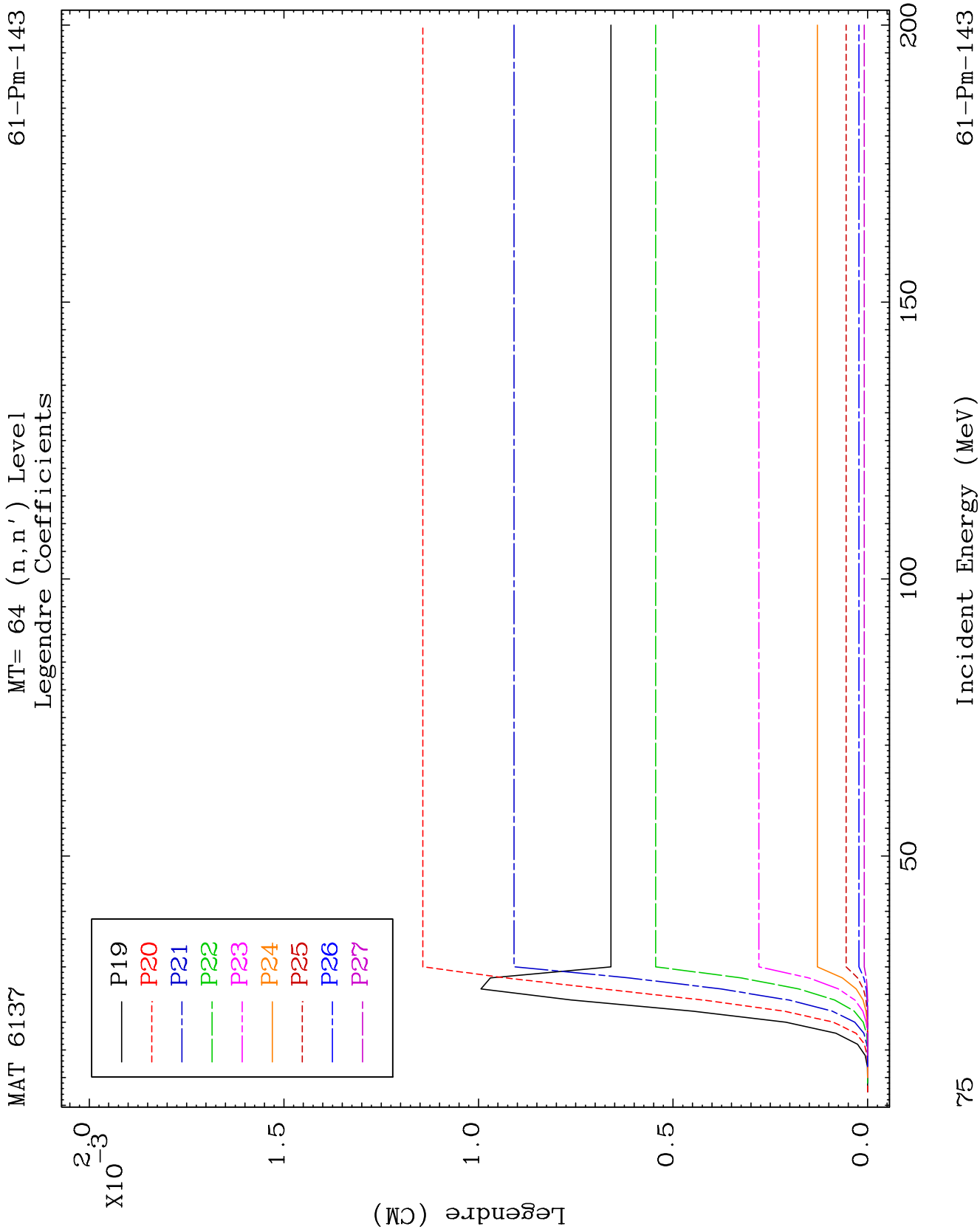
MT= 63 (n, n') Level
Legendre Coefficients

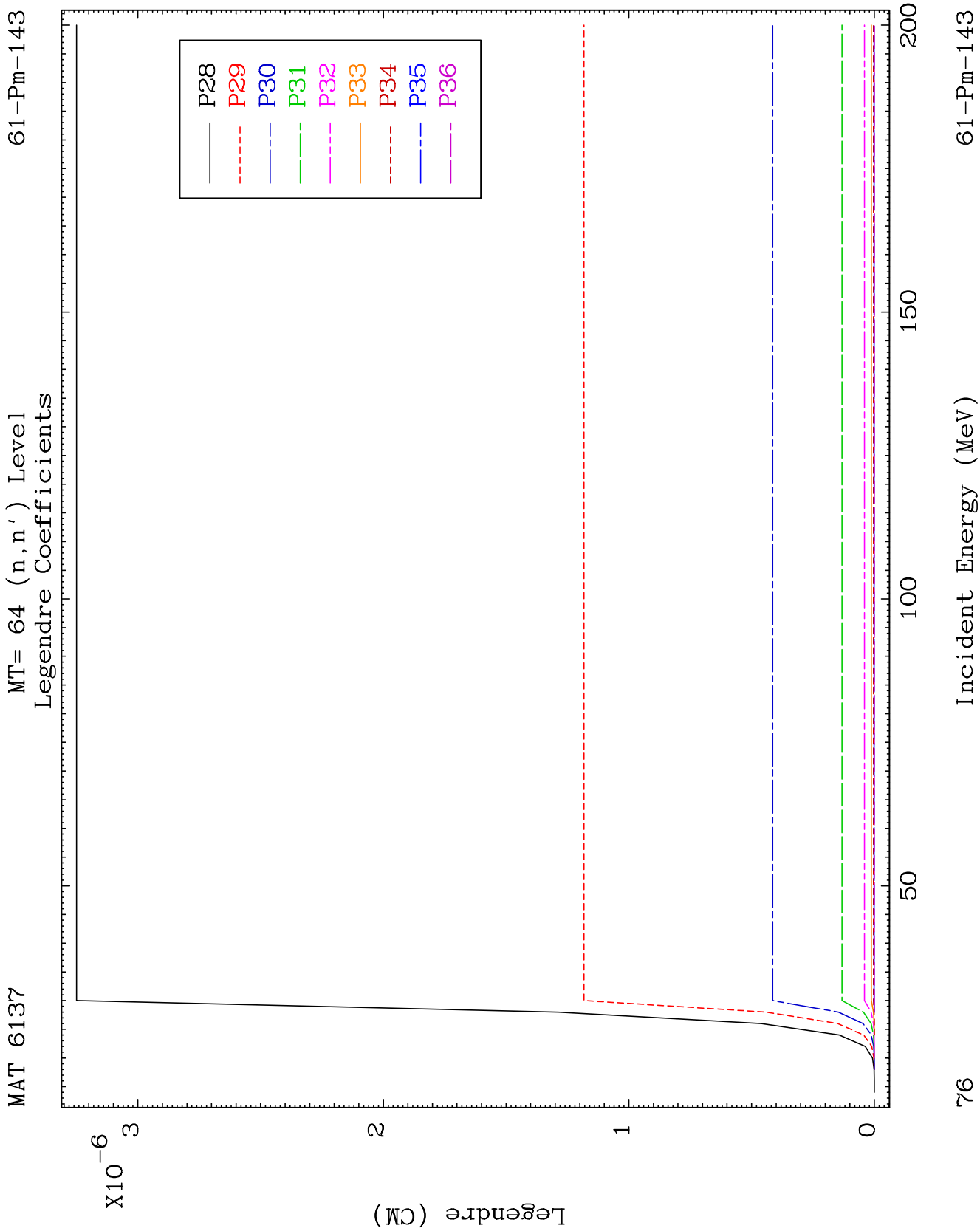
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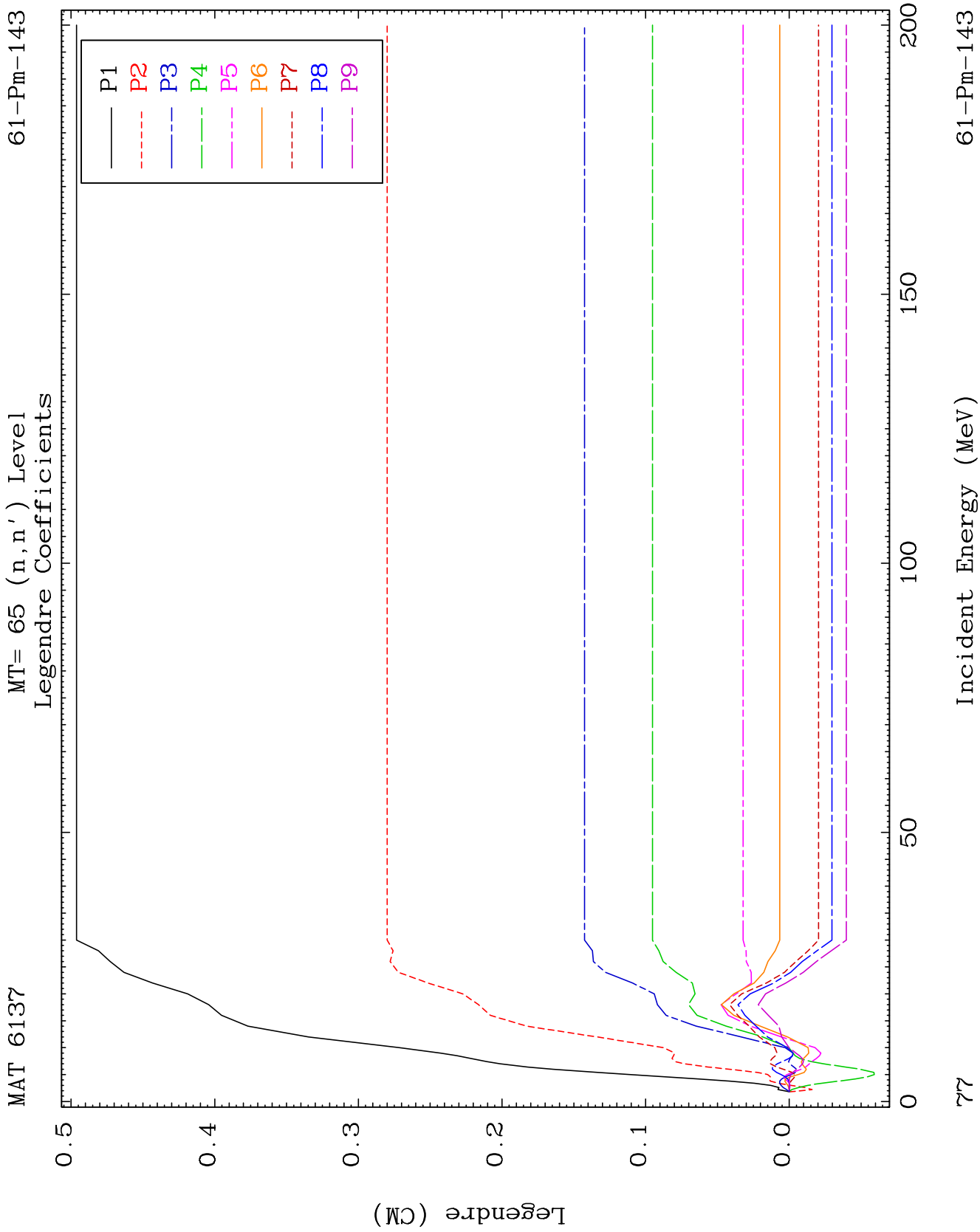


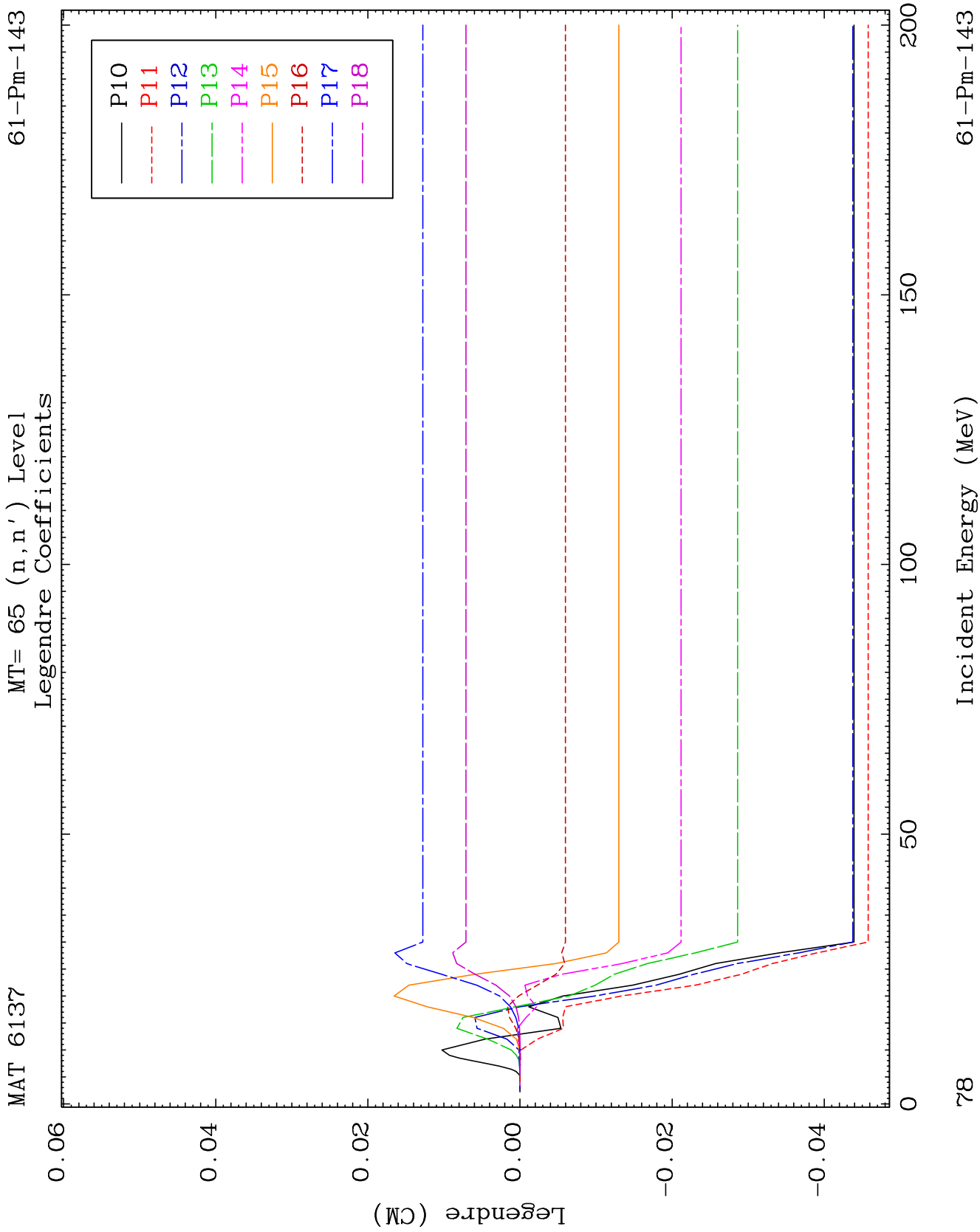








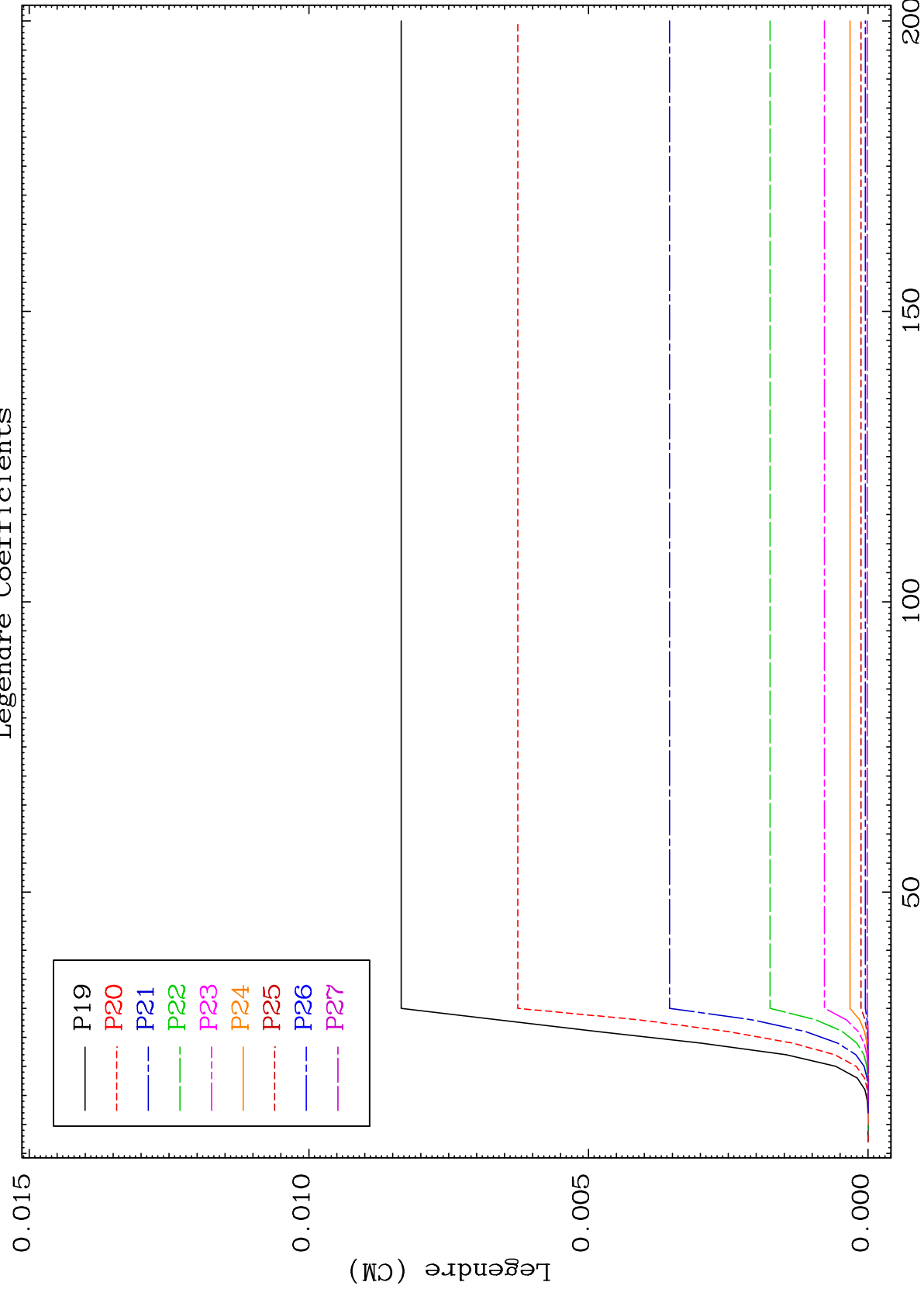




MAT 6137

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

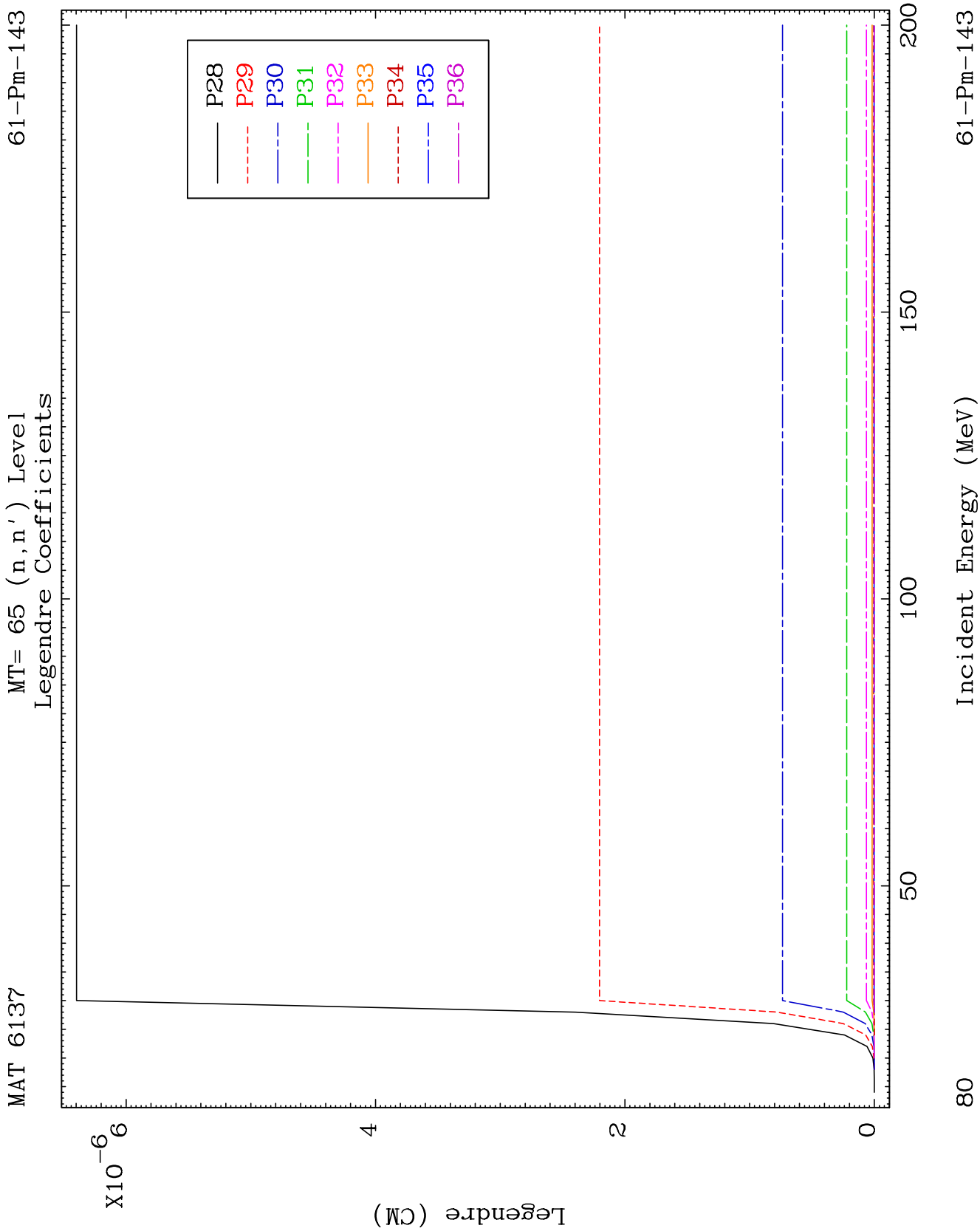
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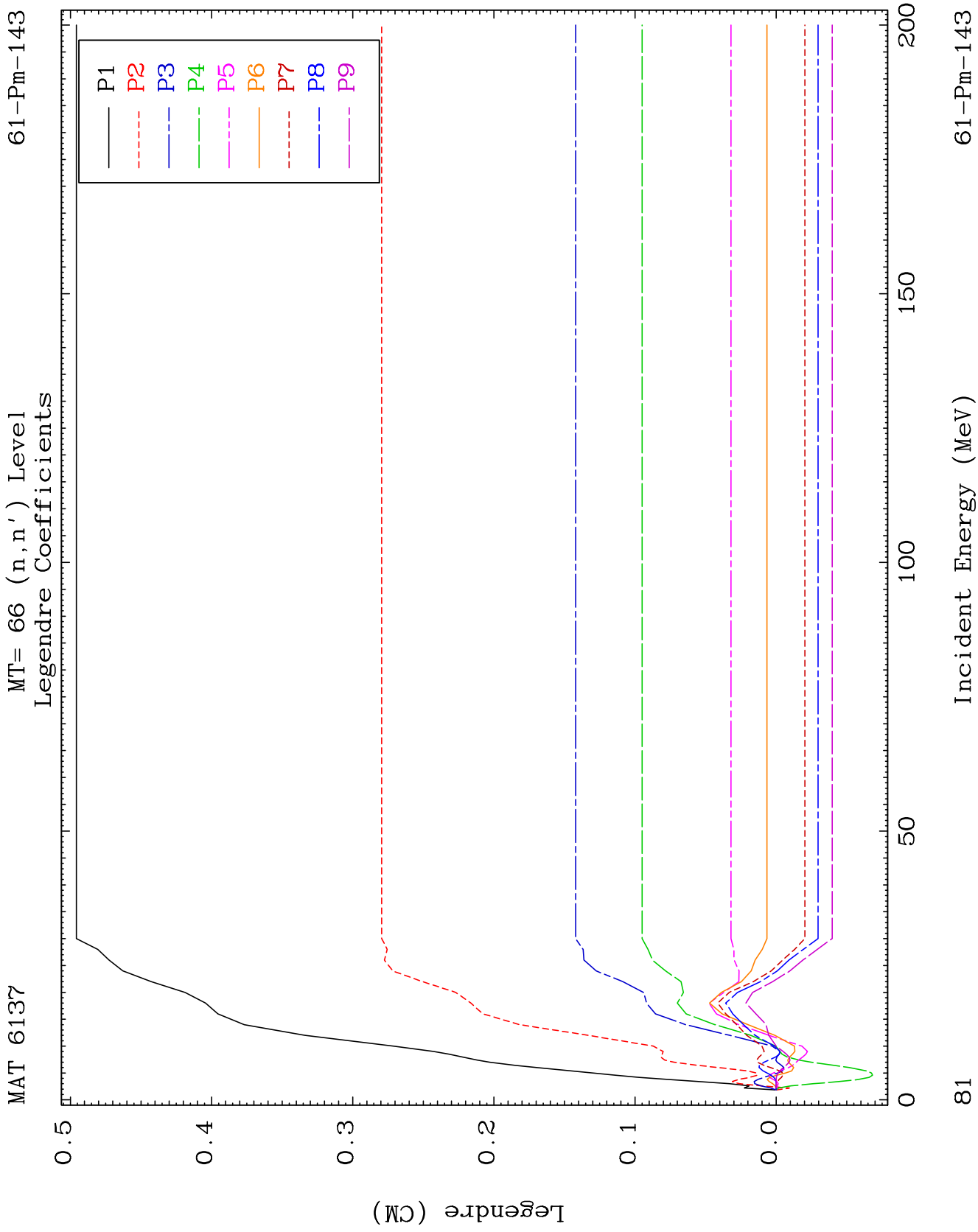


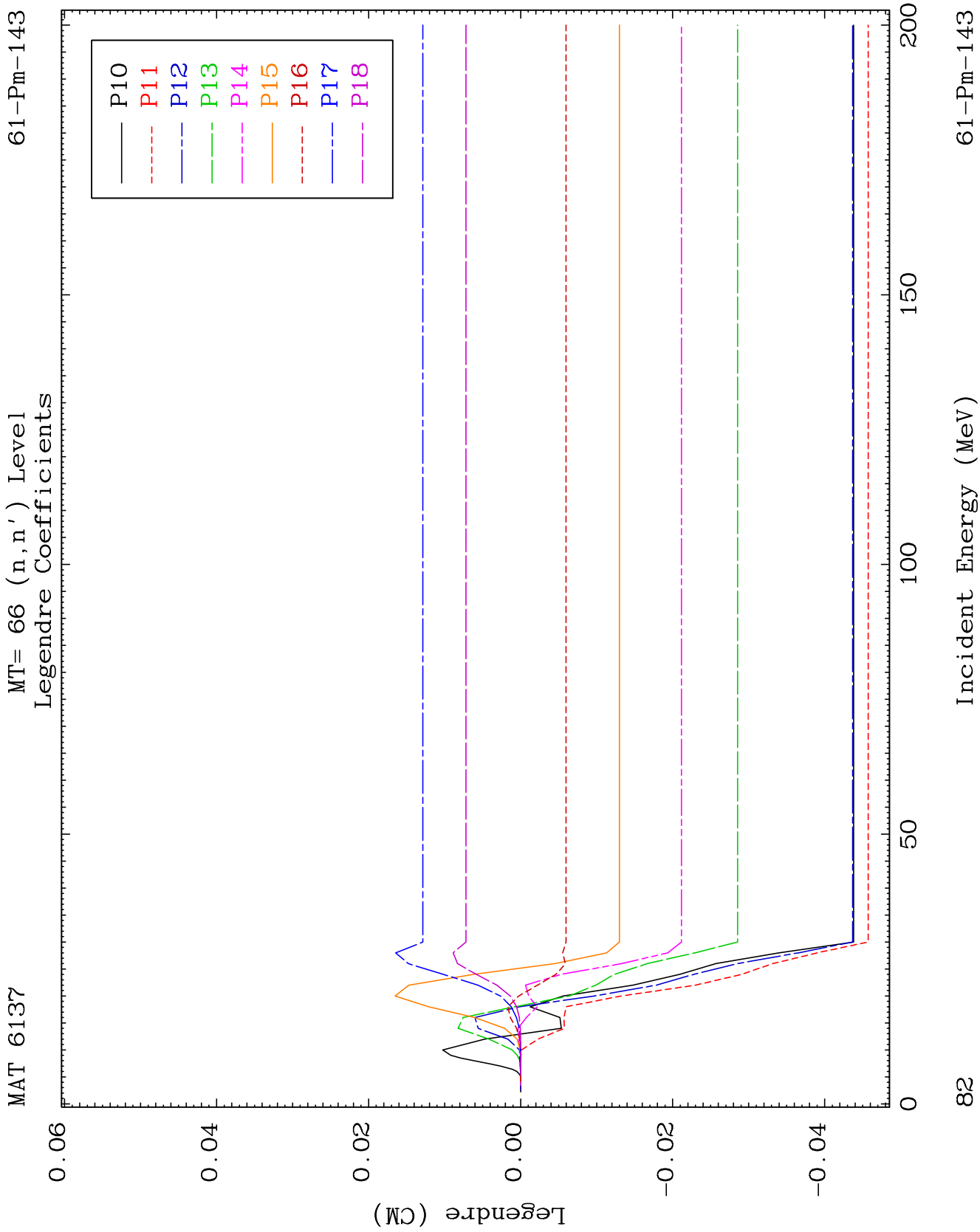
62

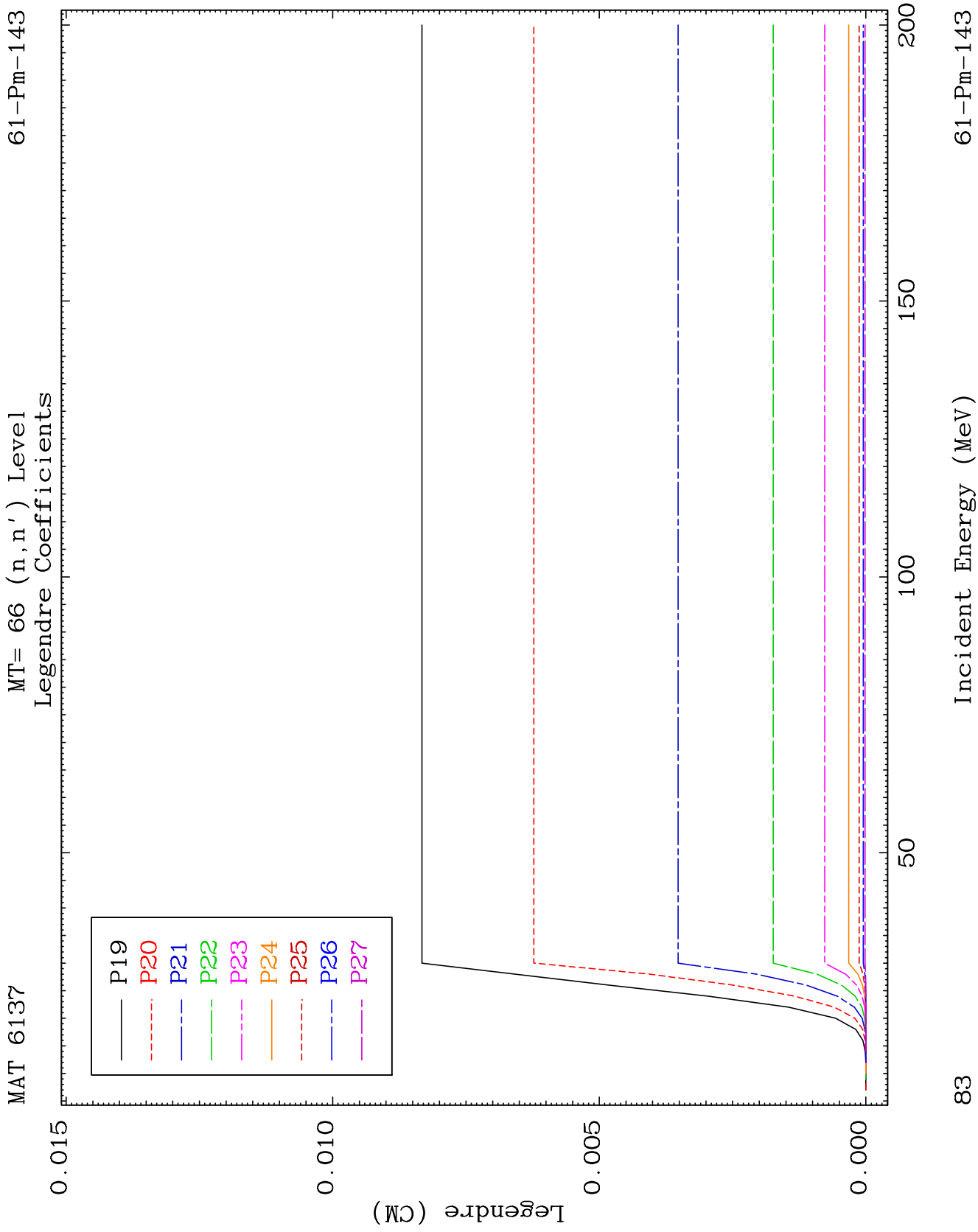
Incident Energy (MeV)

61-Pm-143





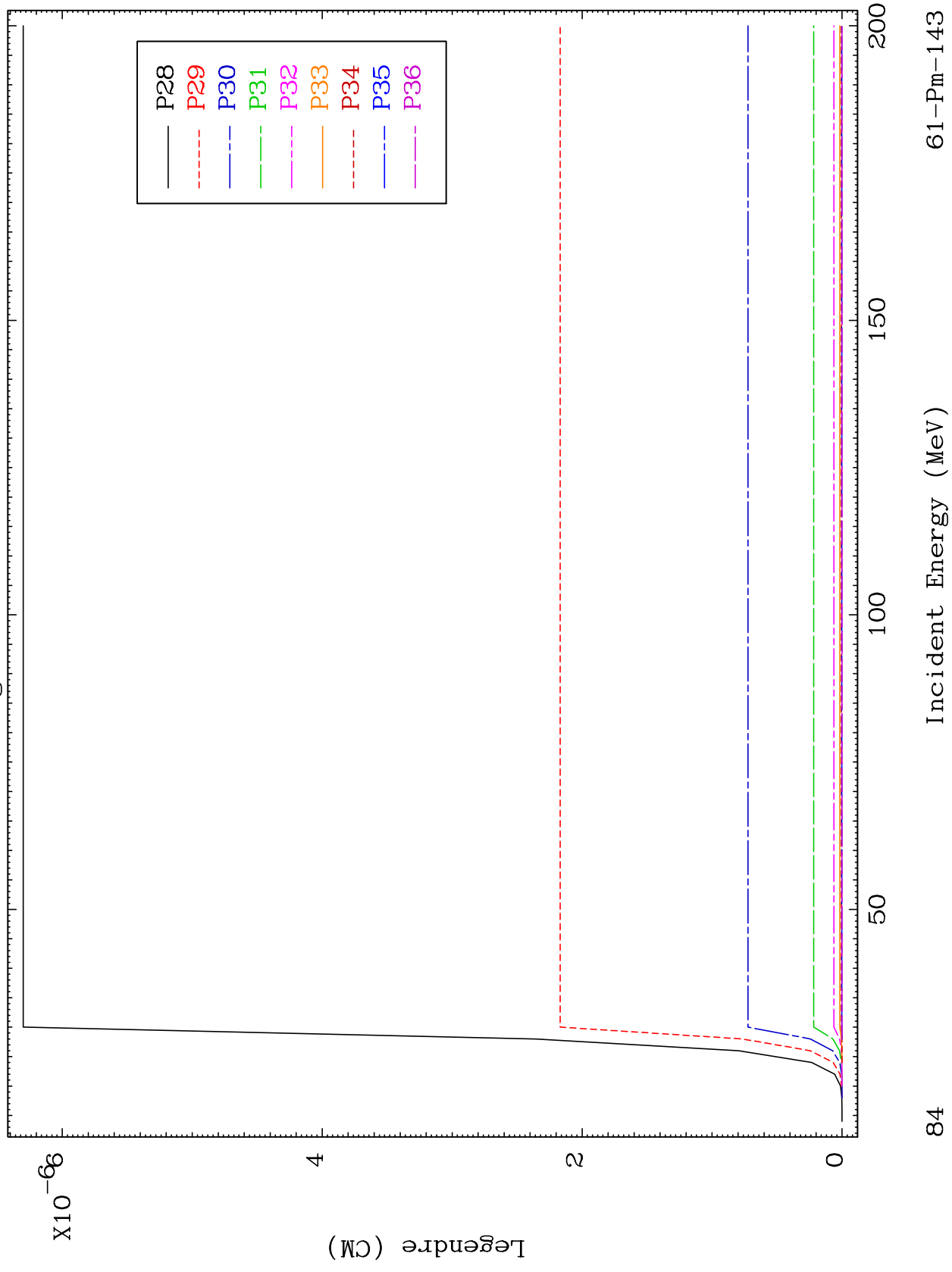




MAT 6137

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

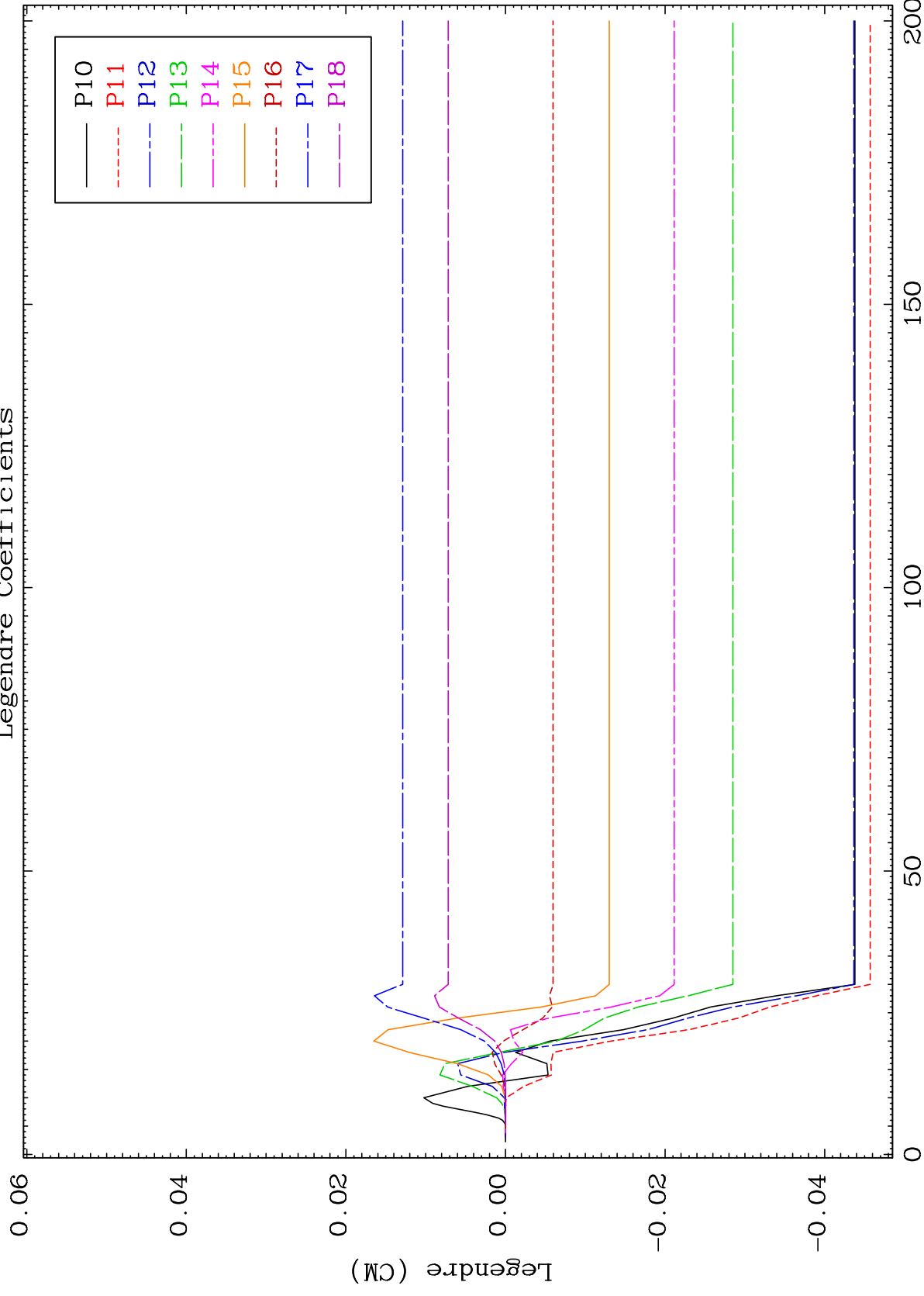
61-Pm-143



MAT 6137

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

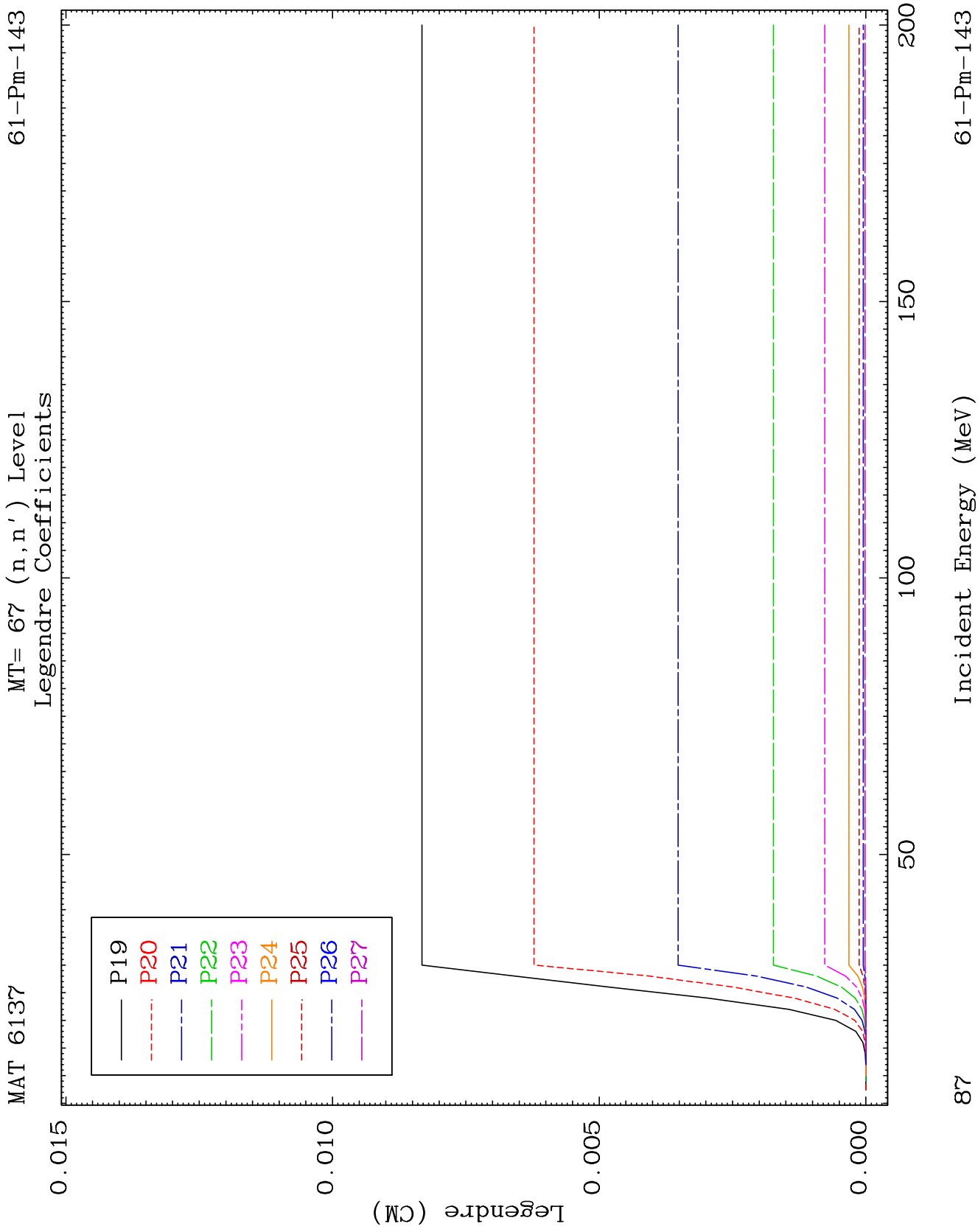
61-Pm-143



88

Incident Energy (MeV)

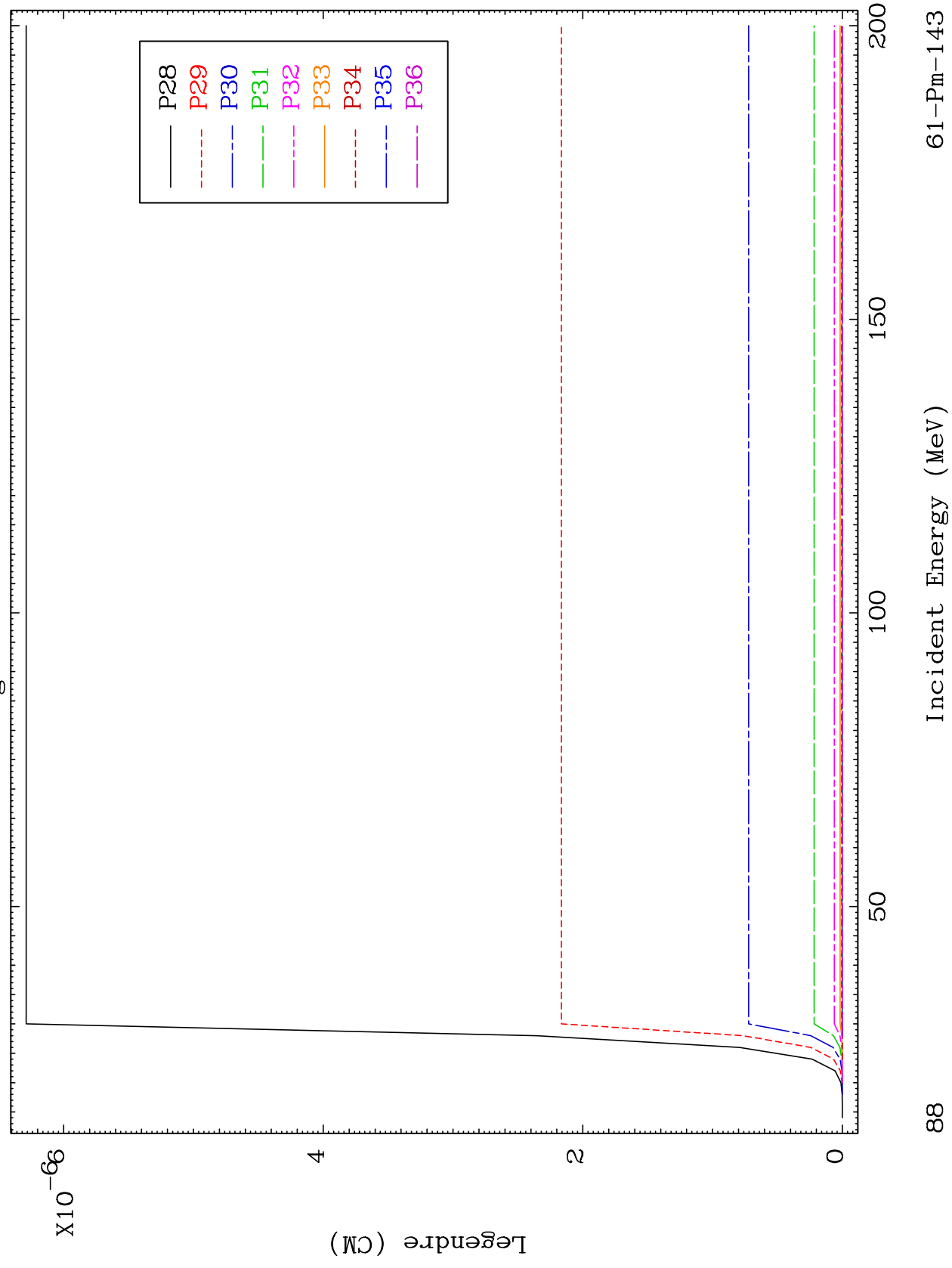
61-Pm-143

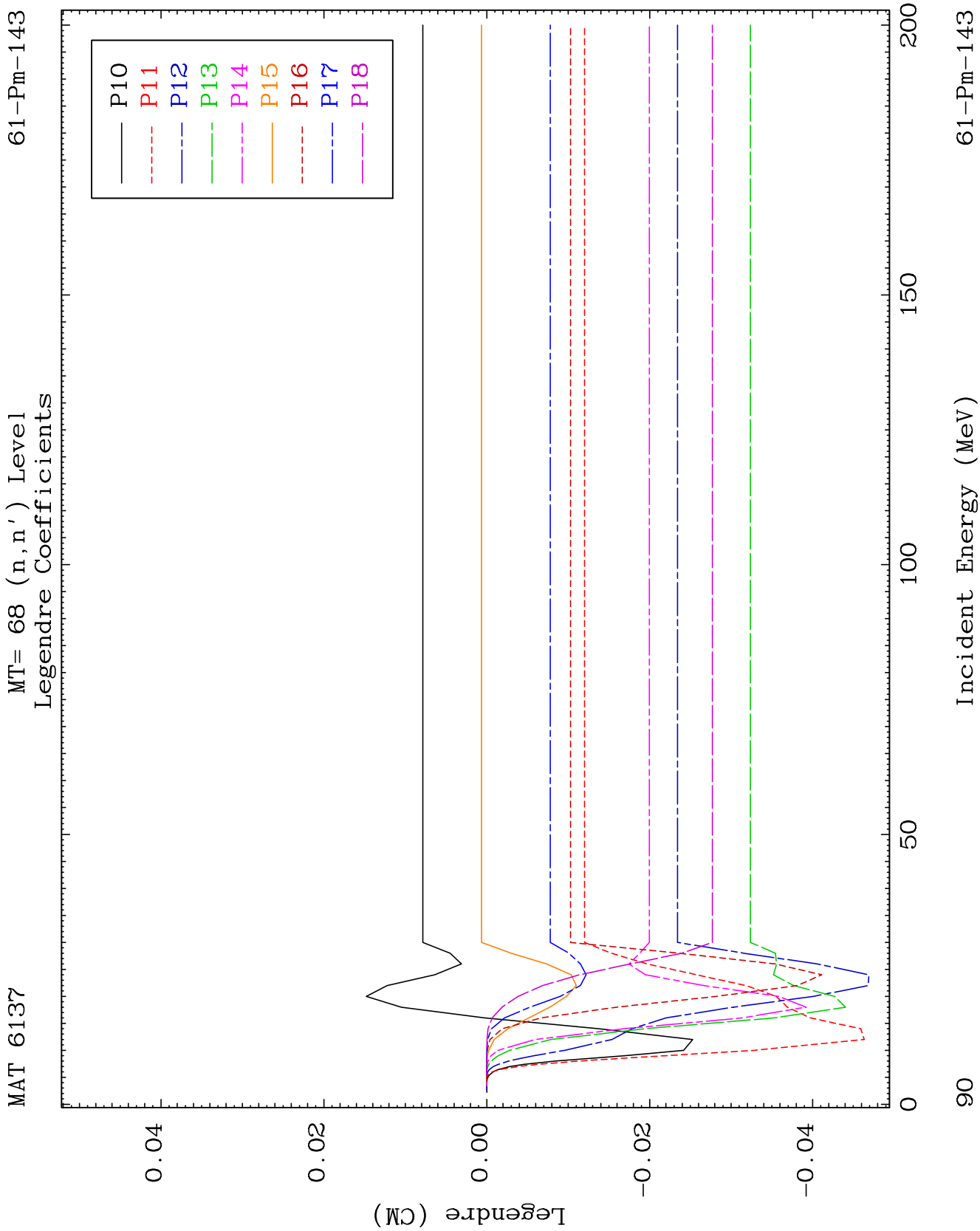


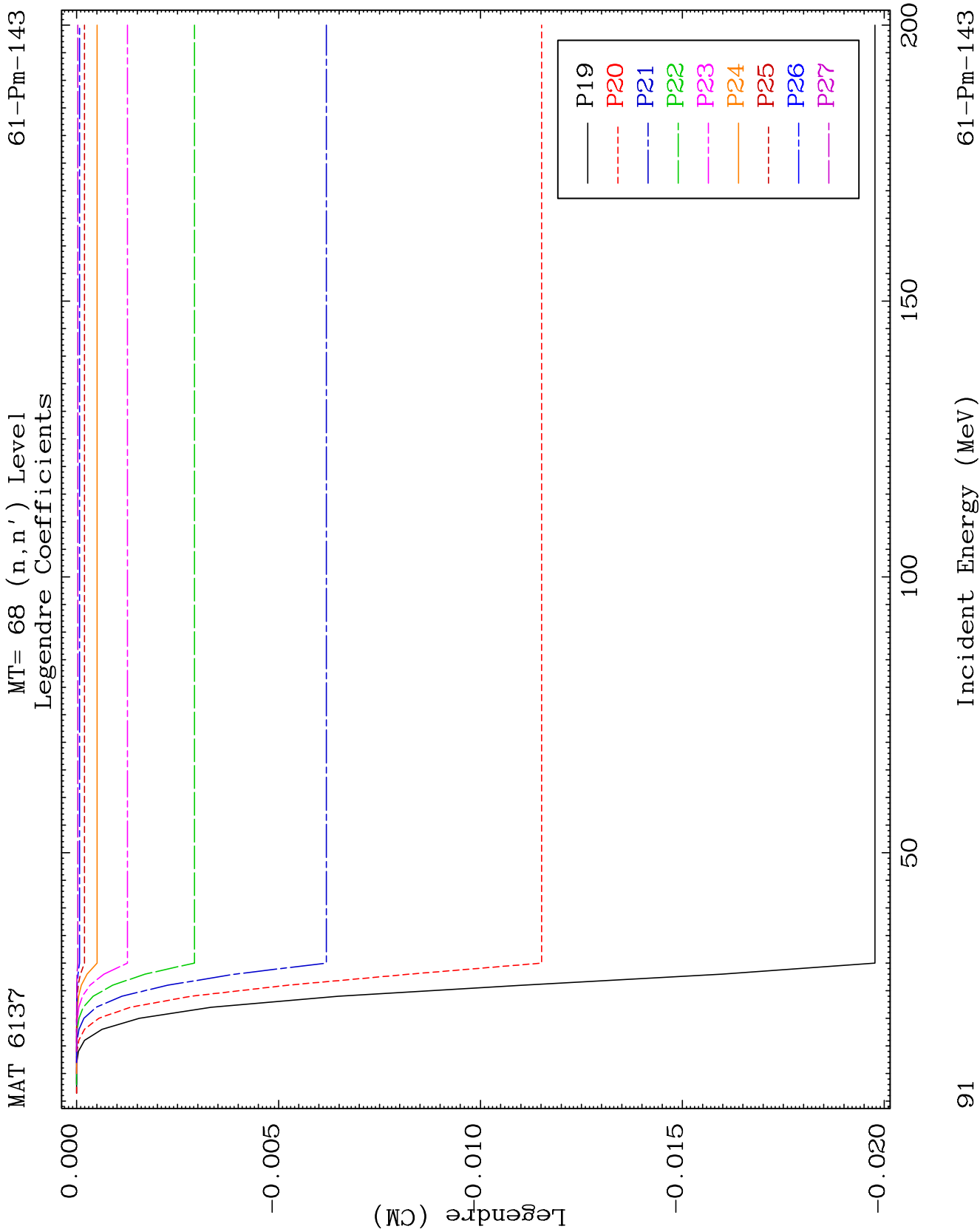
MAT 6137

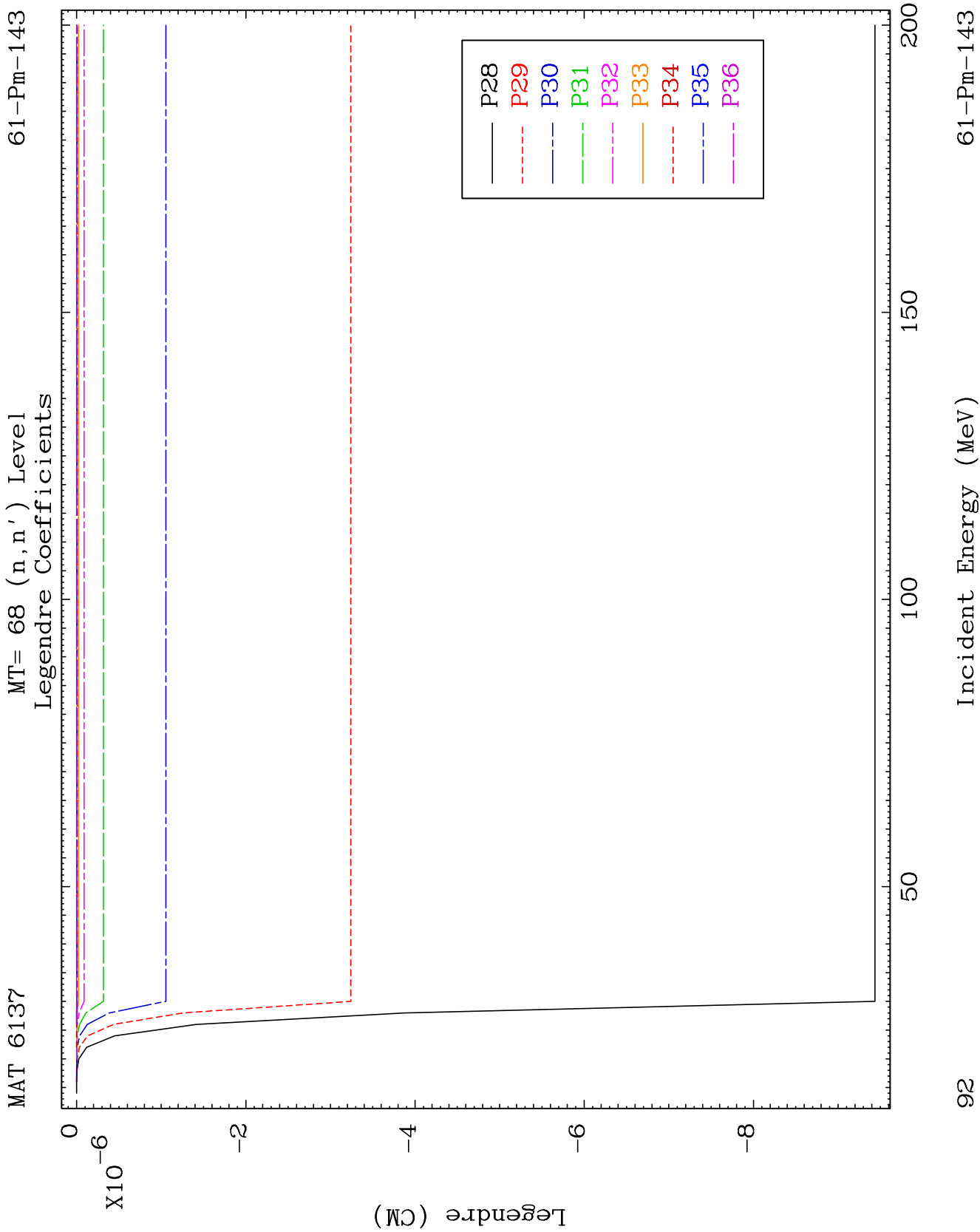
MT= 67 (n, n') Level
Legendre Coefficients

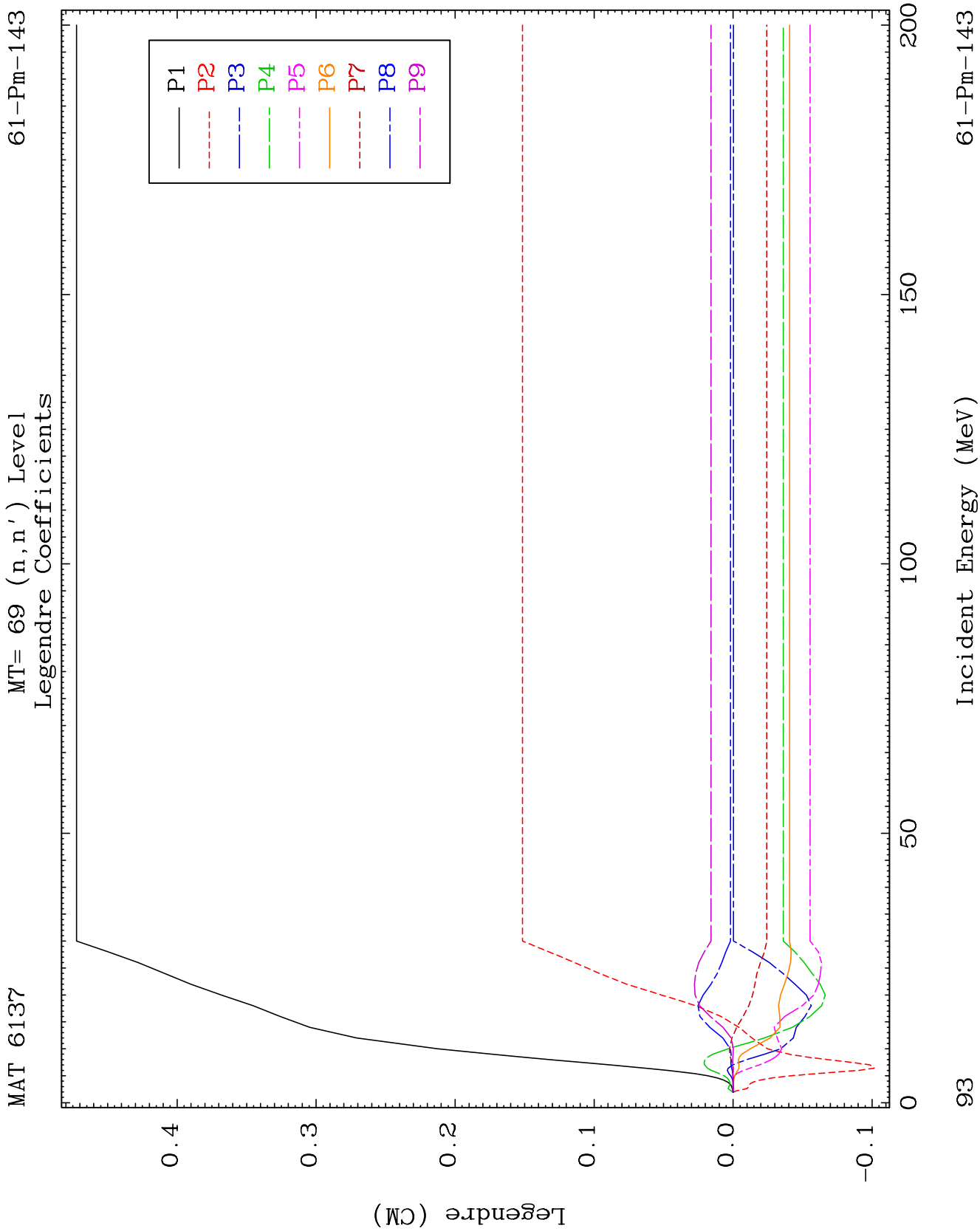
61-Pm-143







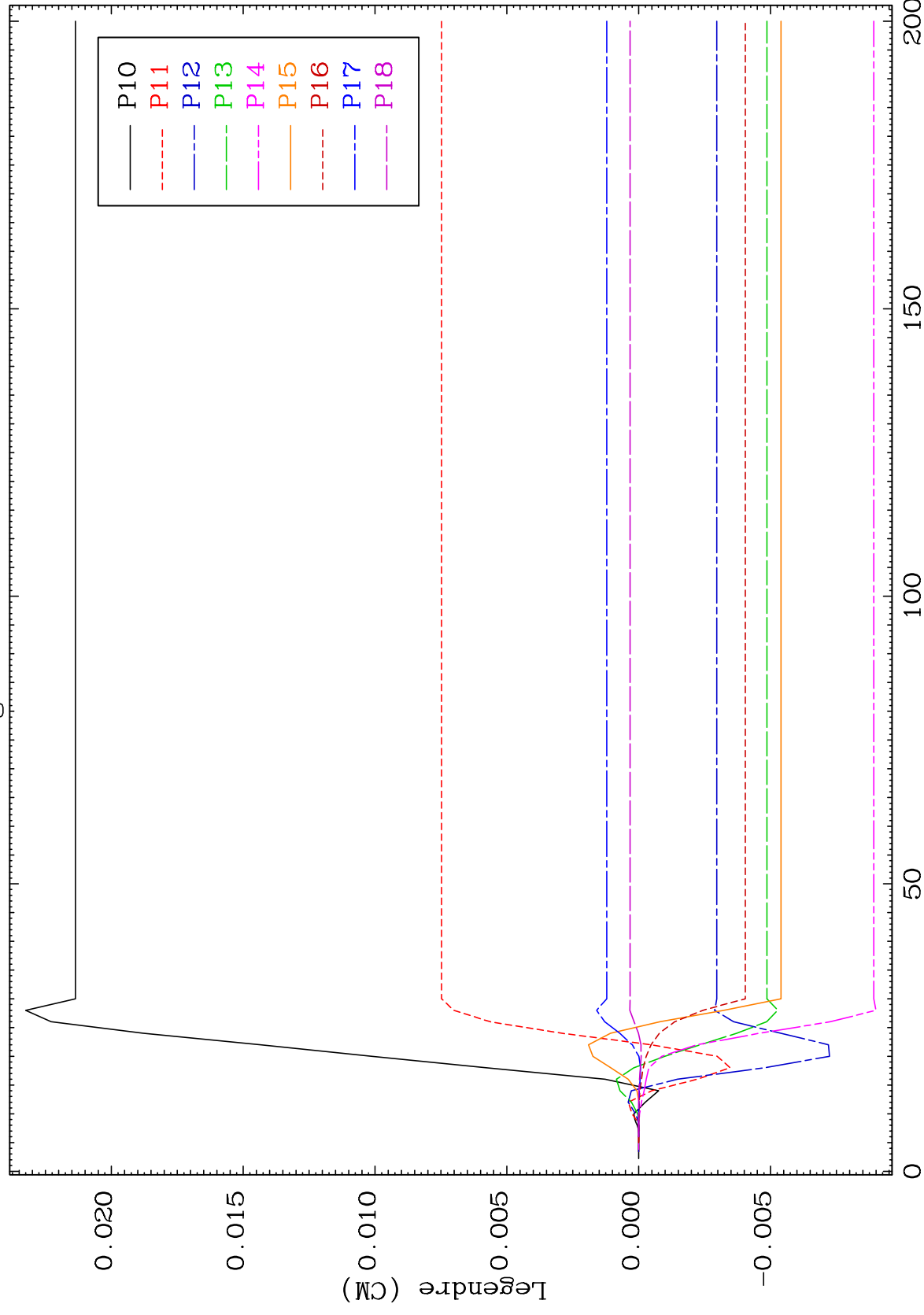




MAT 6137

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

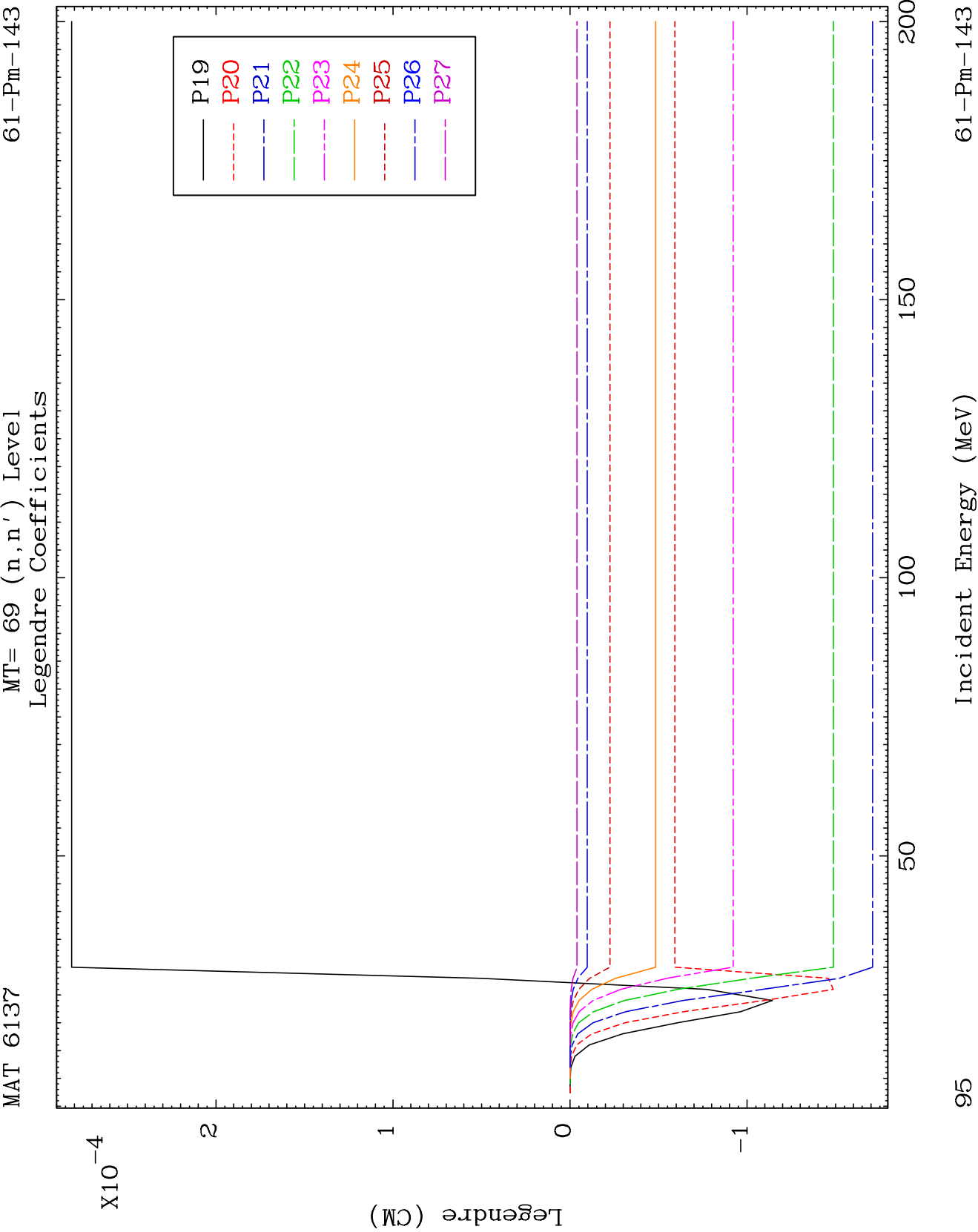
61-Pm-143

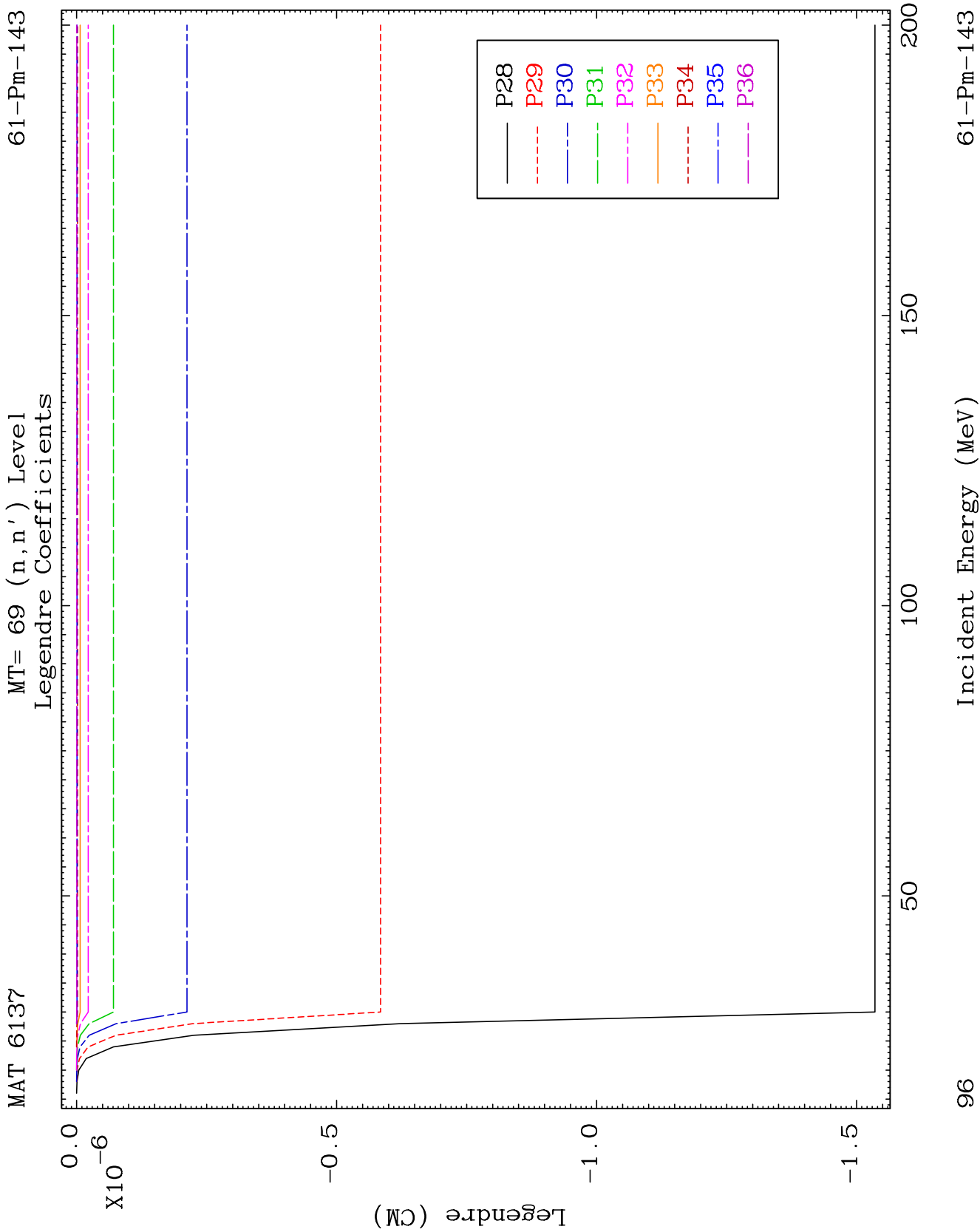


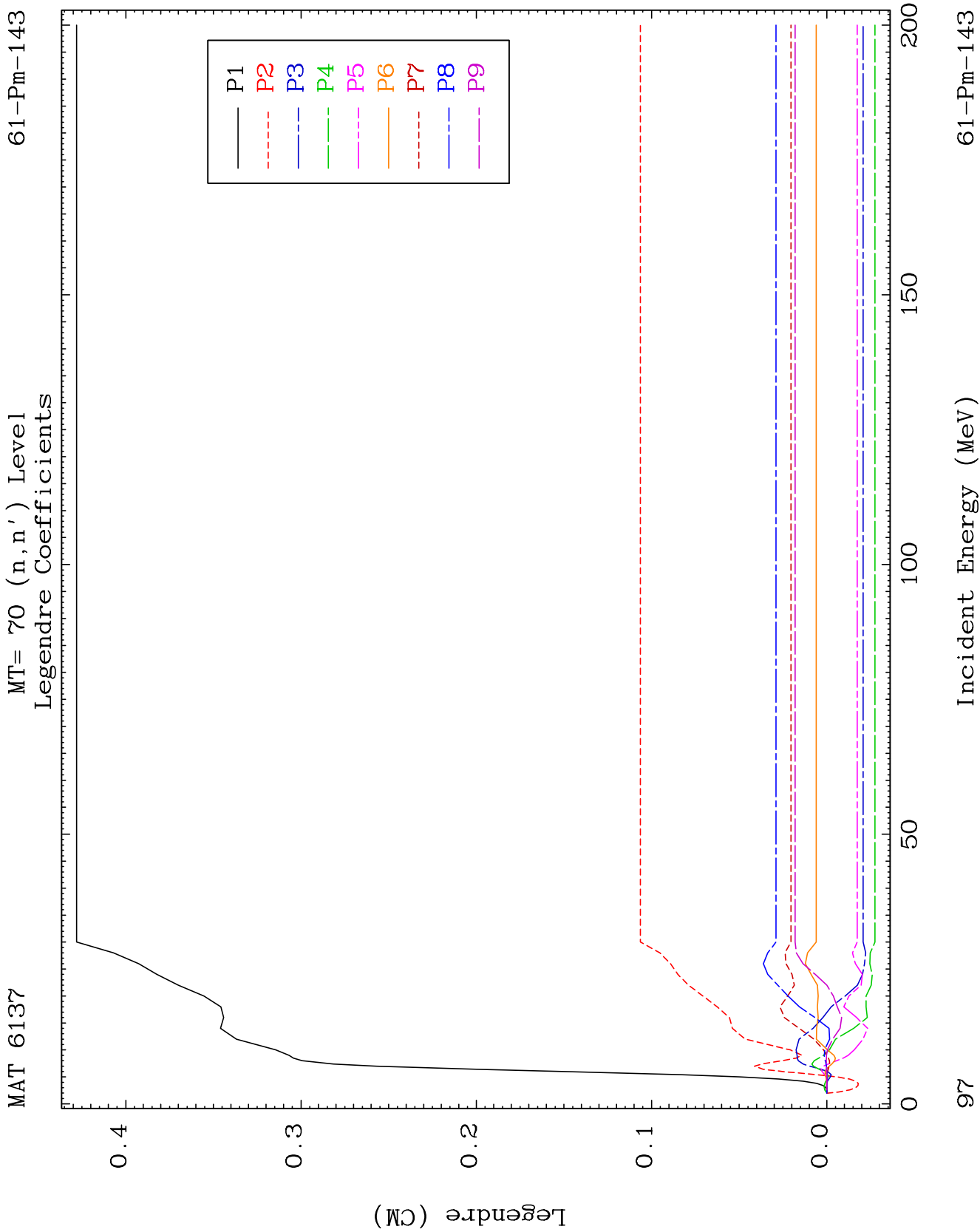
94

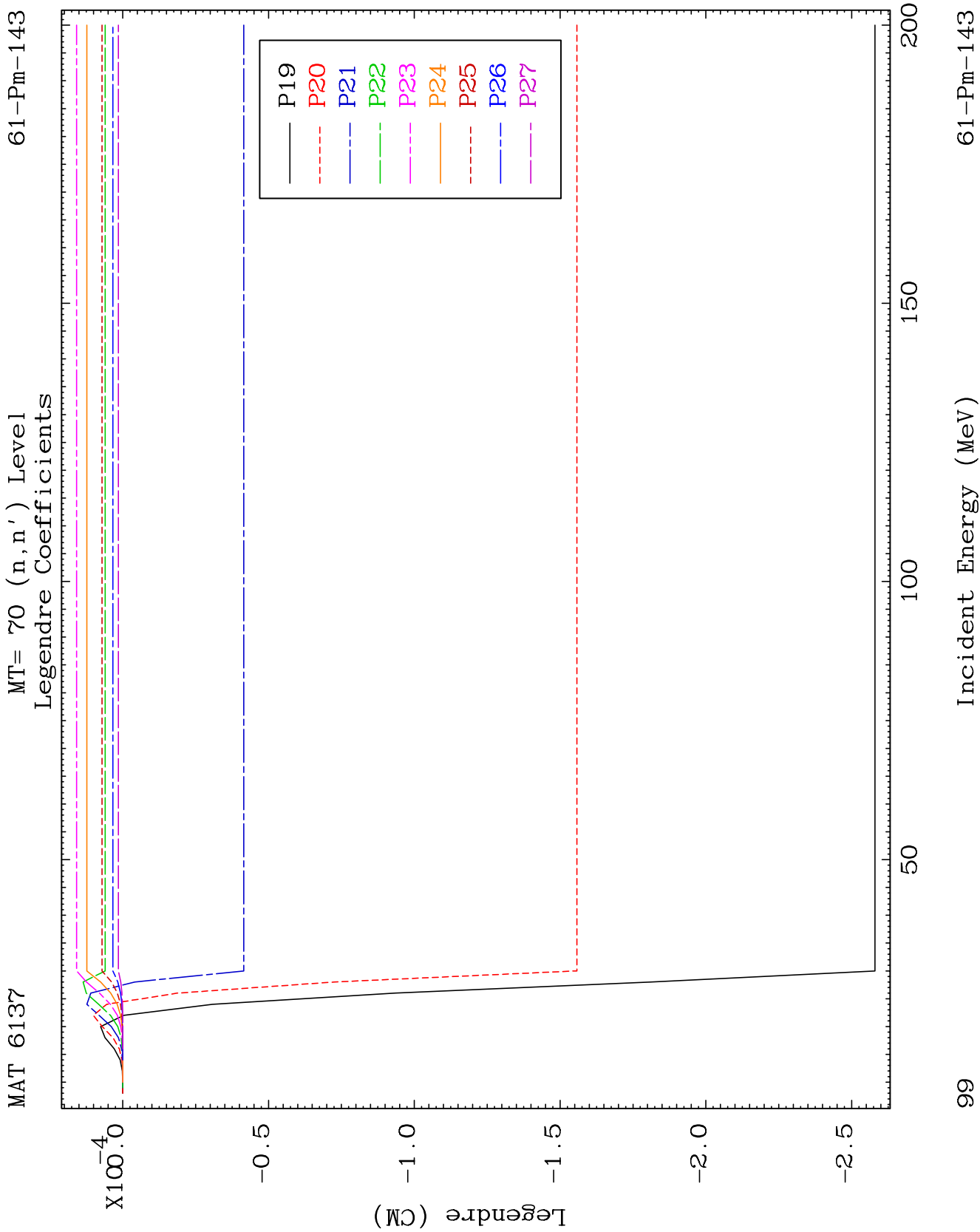
Incident Energy (MeV)

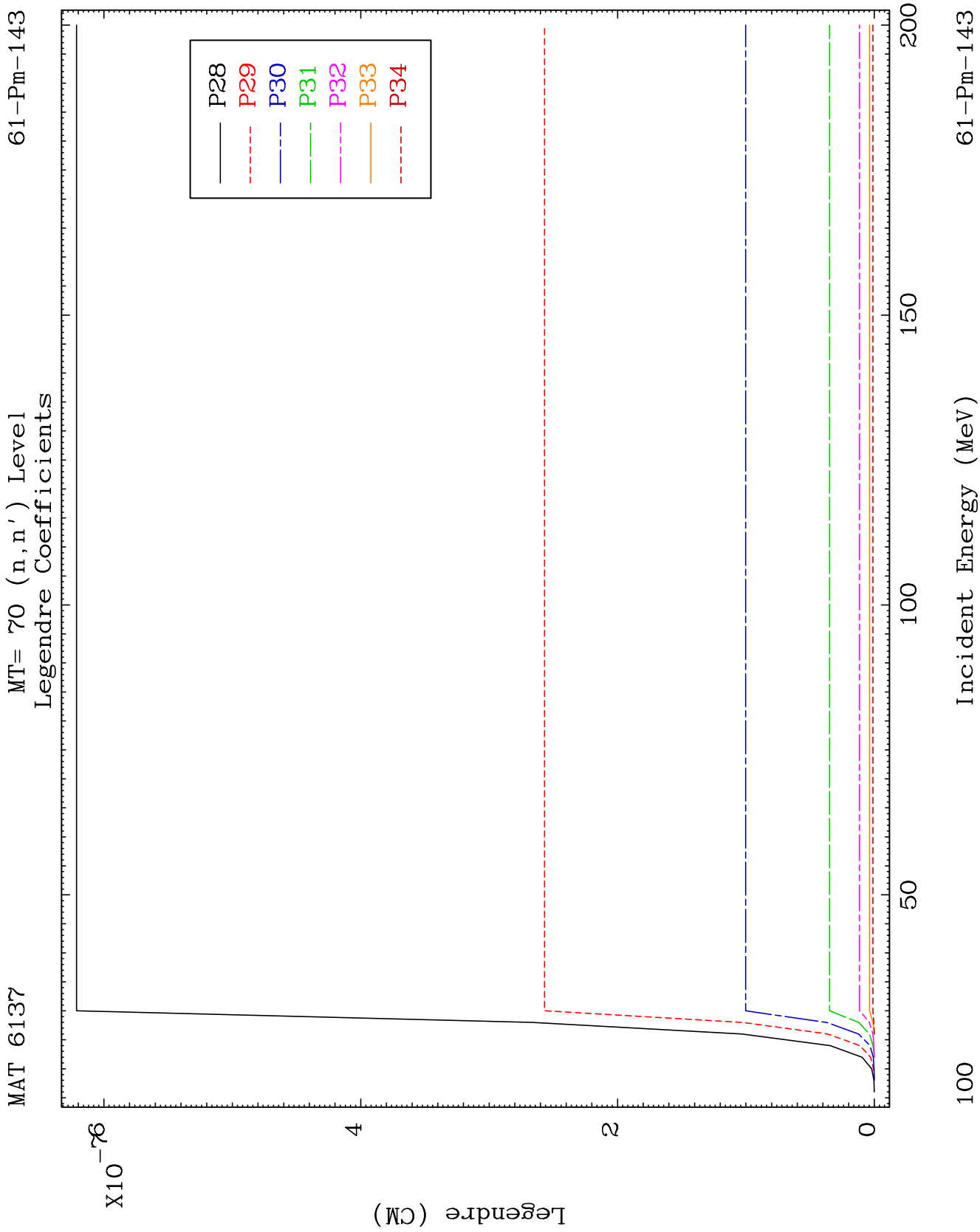
61-Pm-143







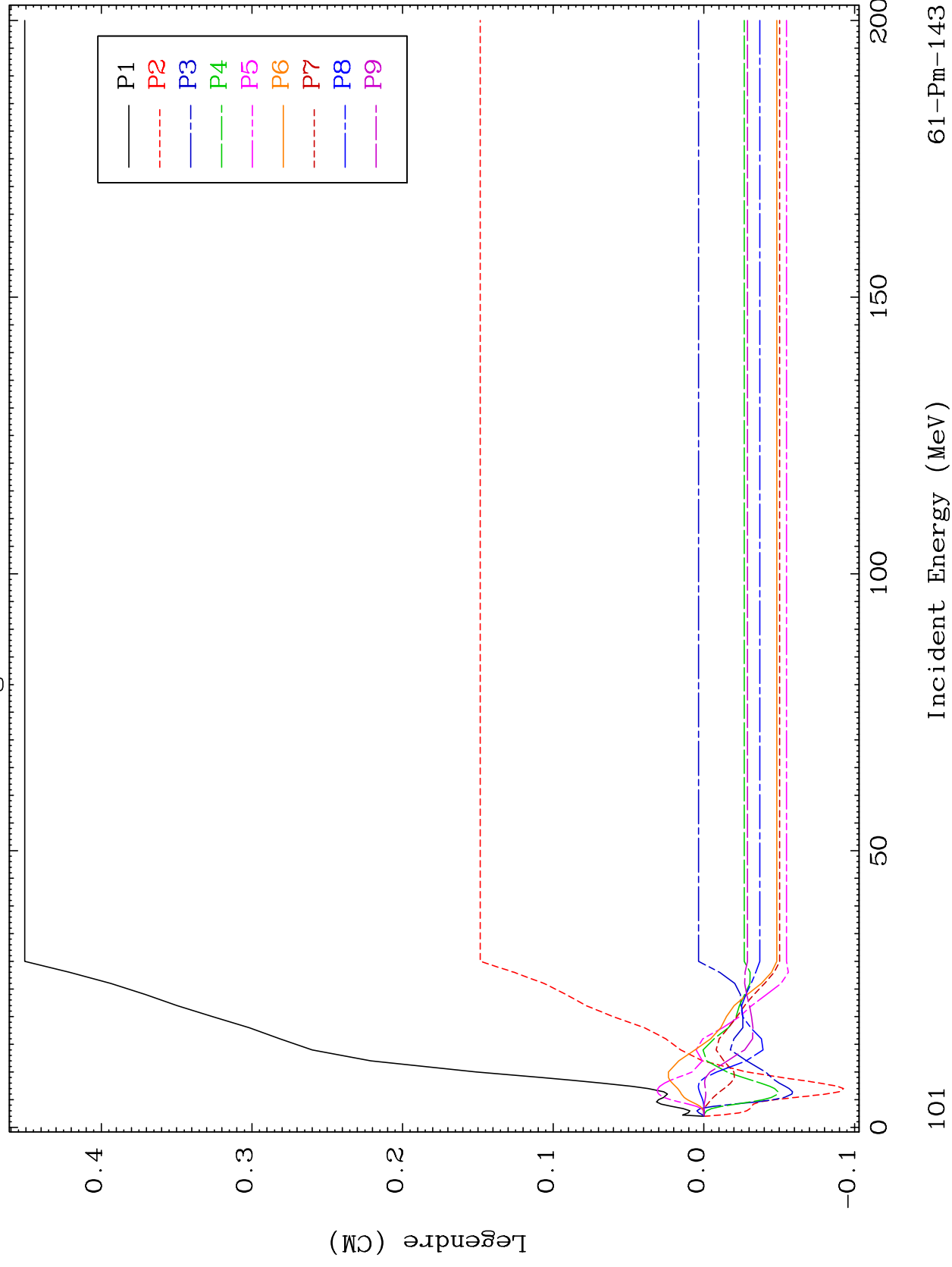


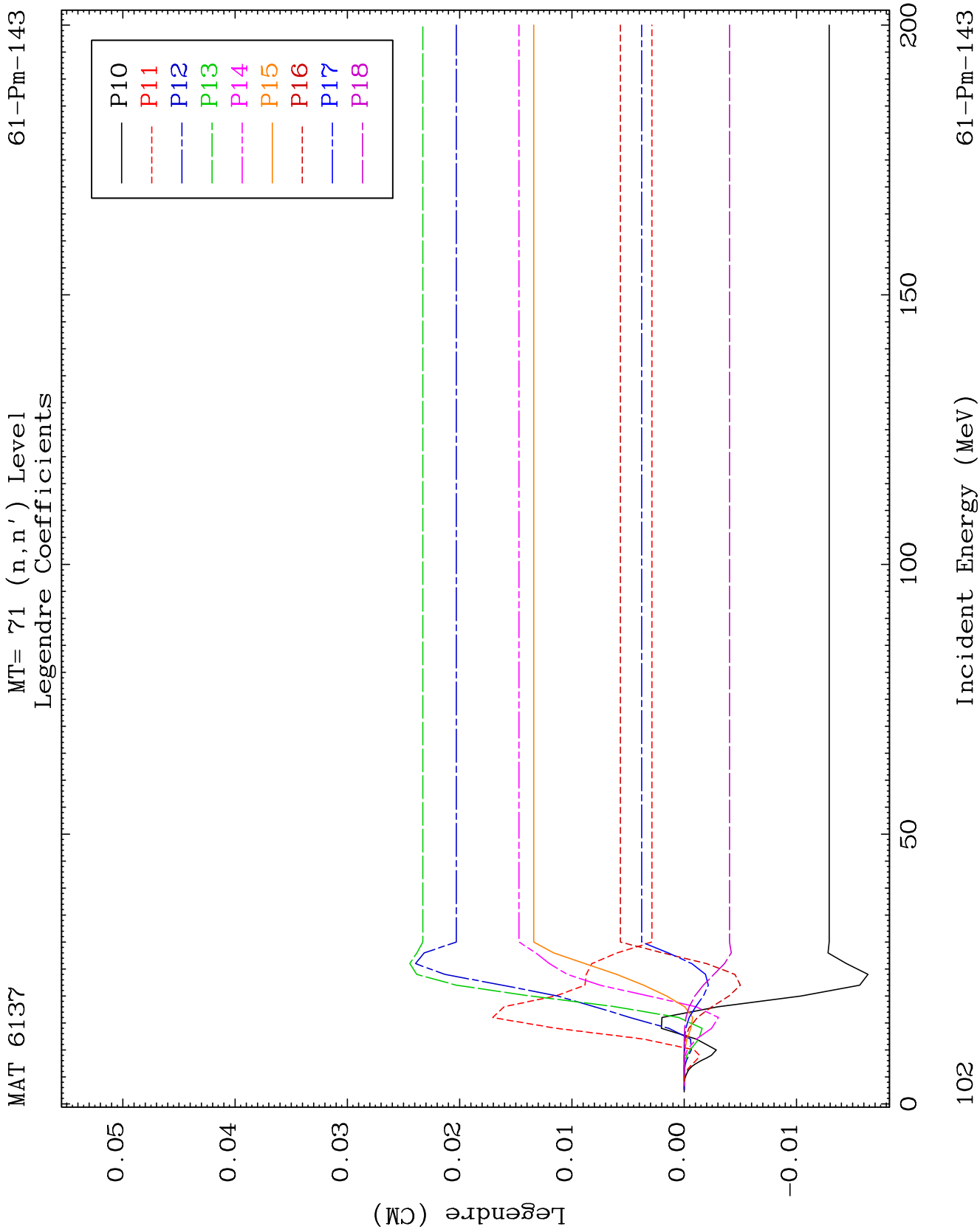


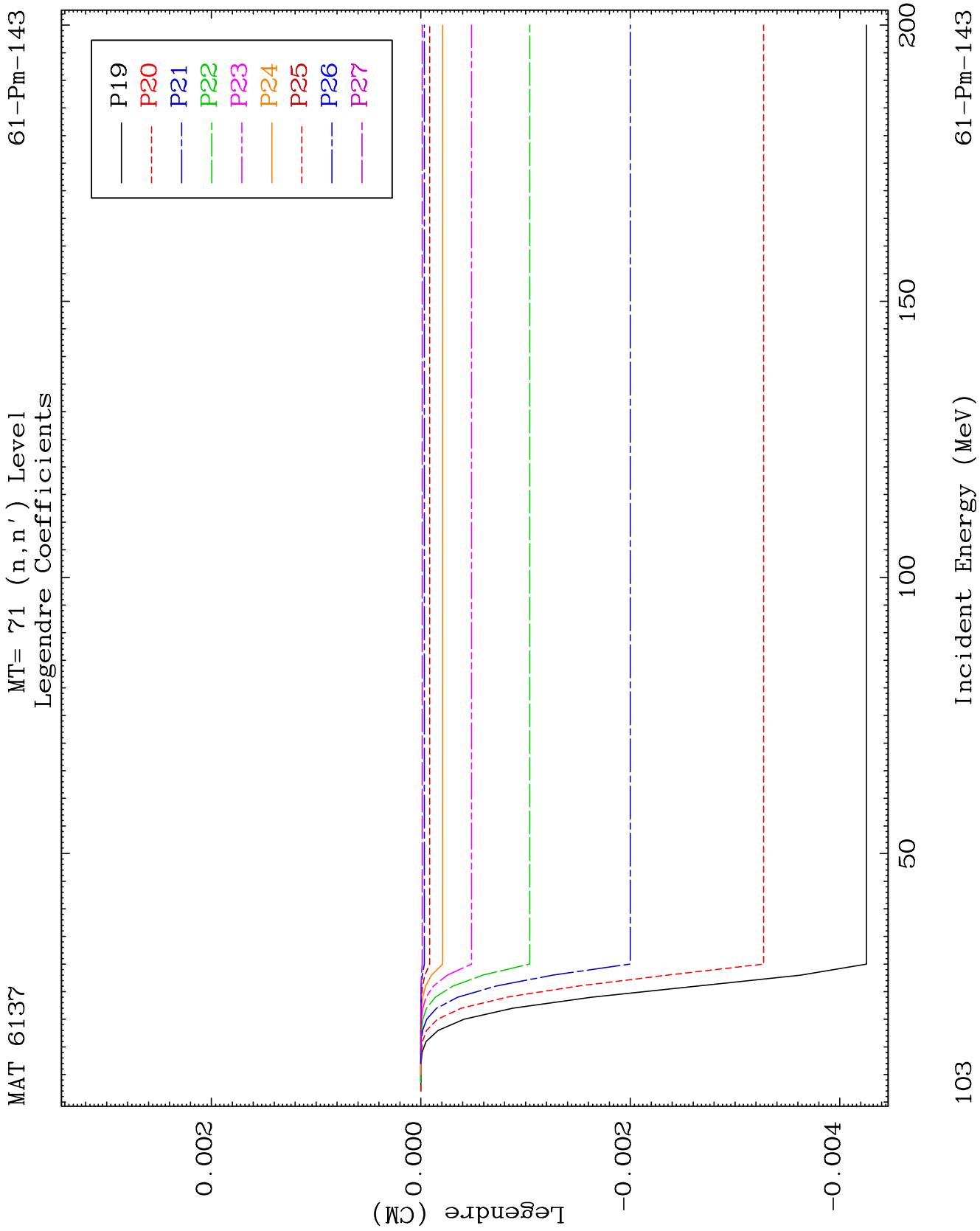
MAT 6137

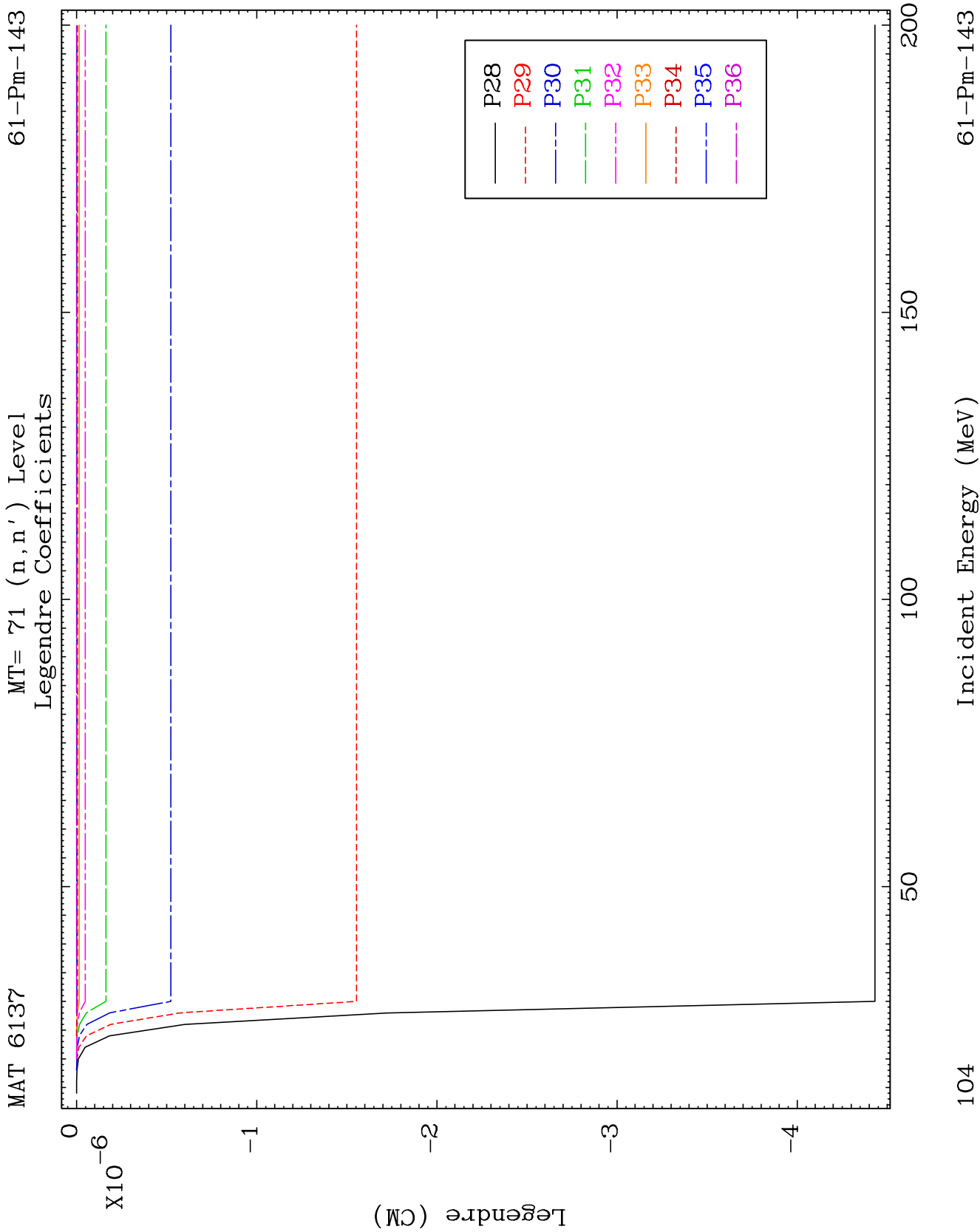
MT= 71 (n, n') Level
Legendre Coefficients

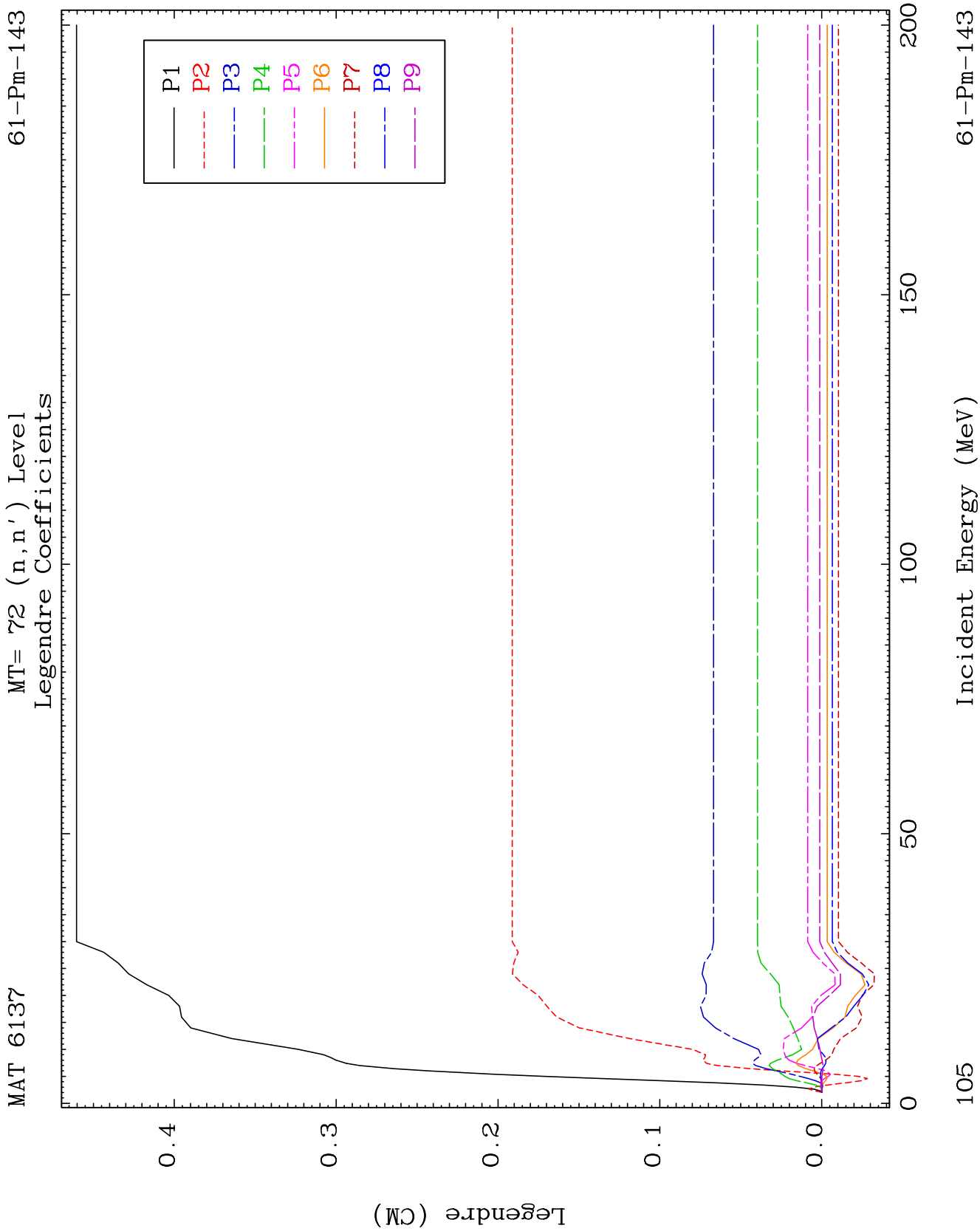
61-Pm-143







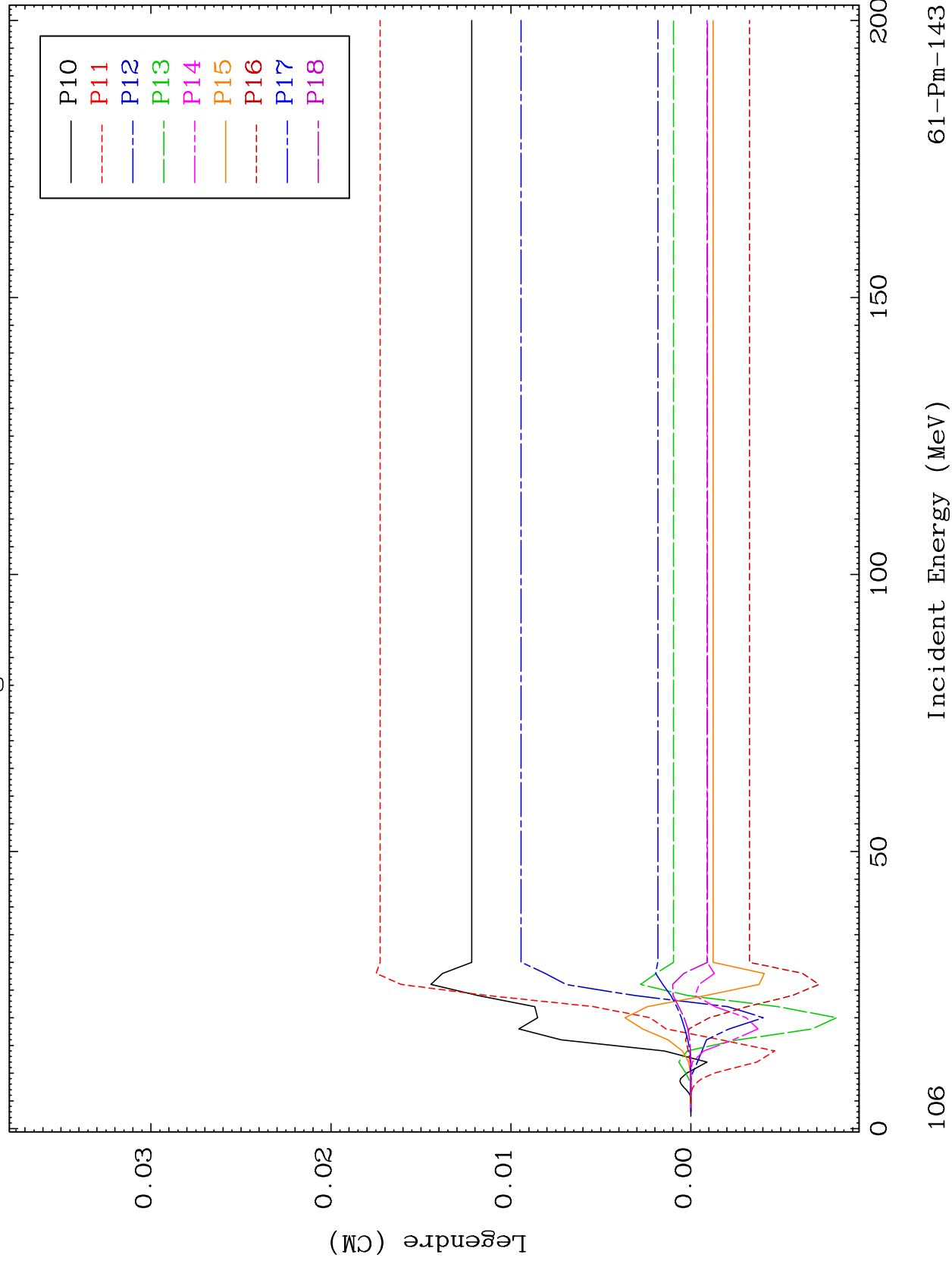


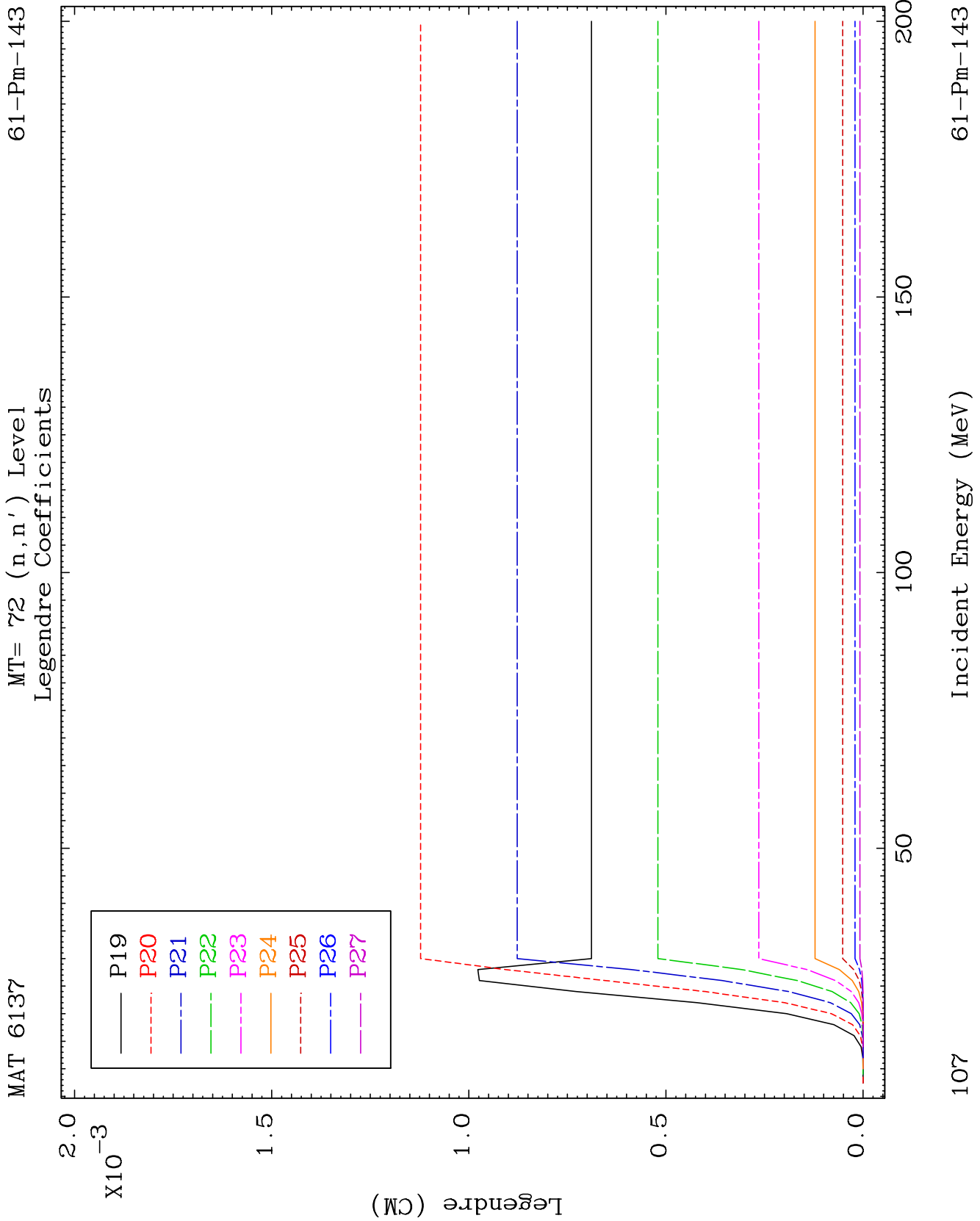


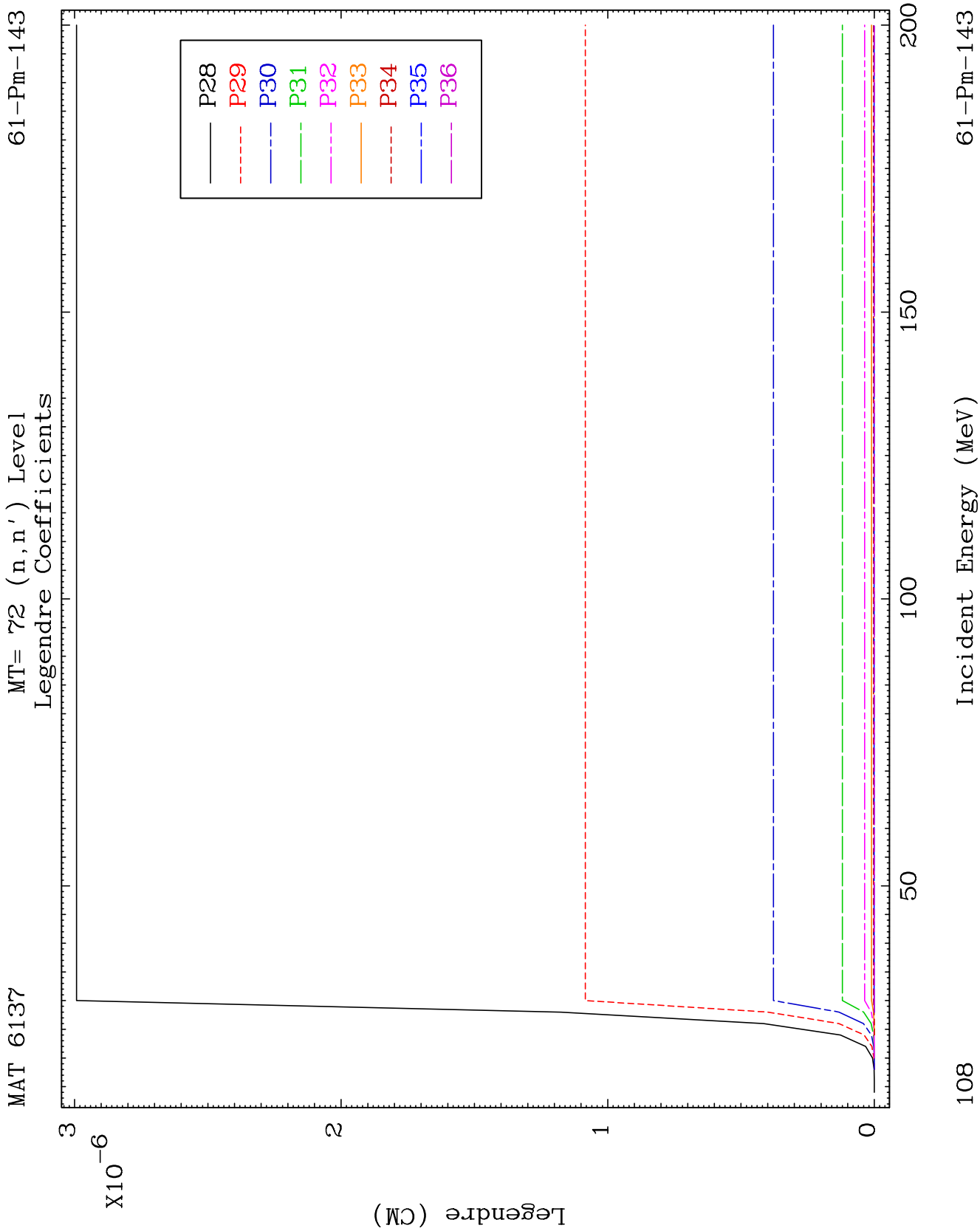
MAT 6137

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

61-Pm-143



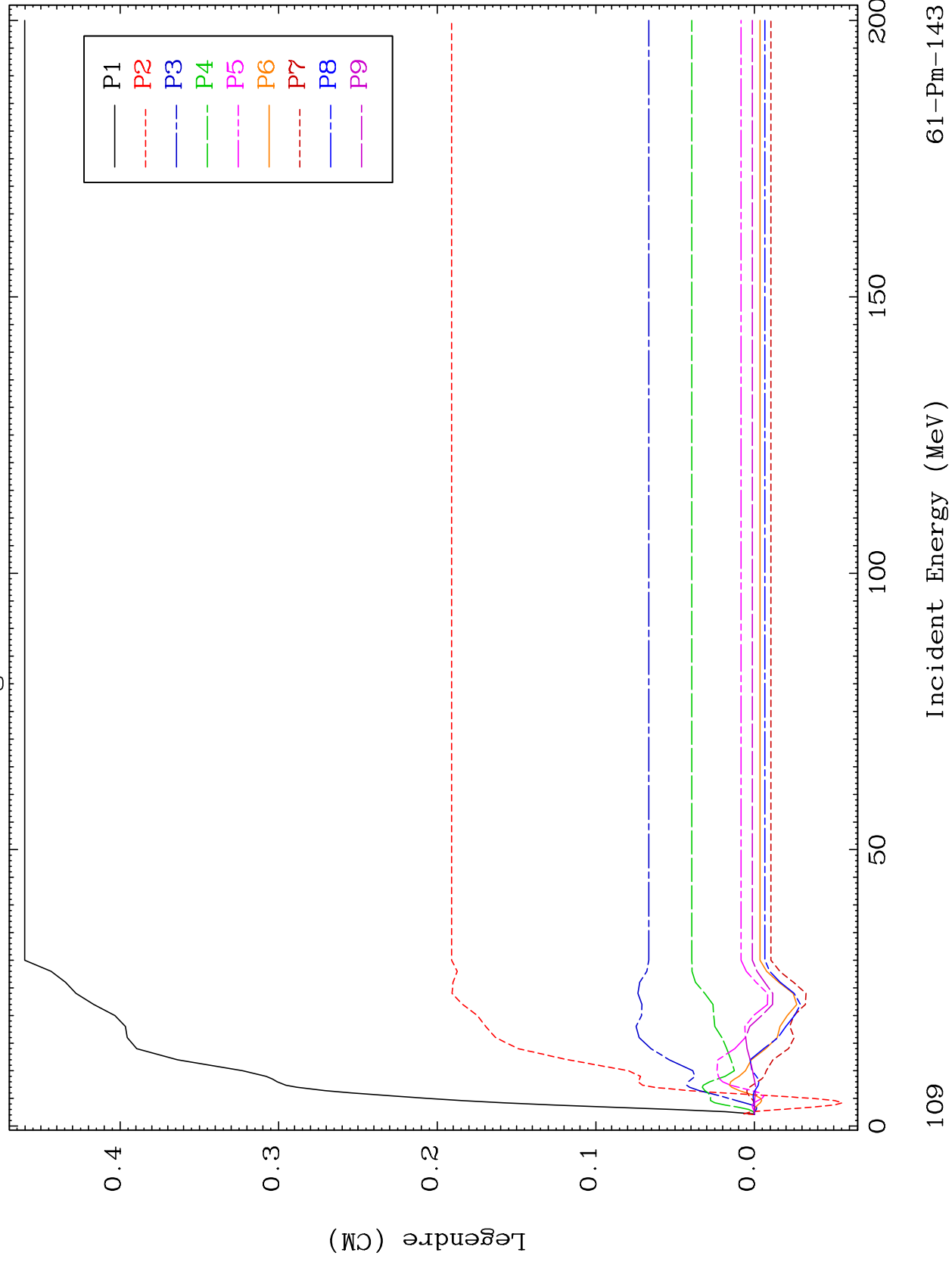




MAT 6137

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

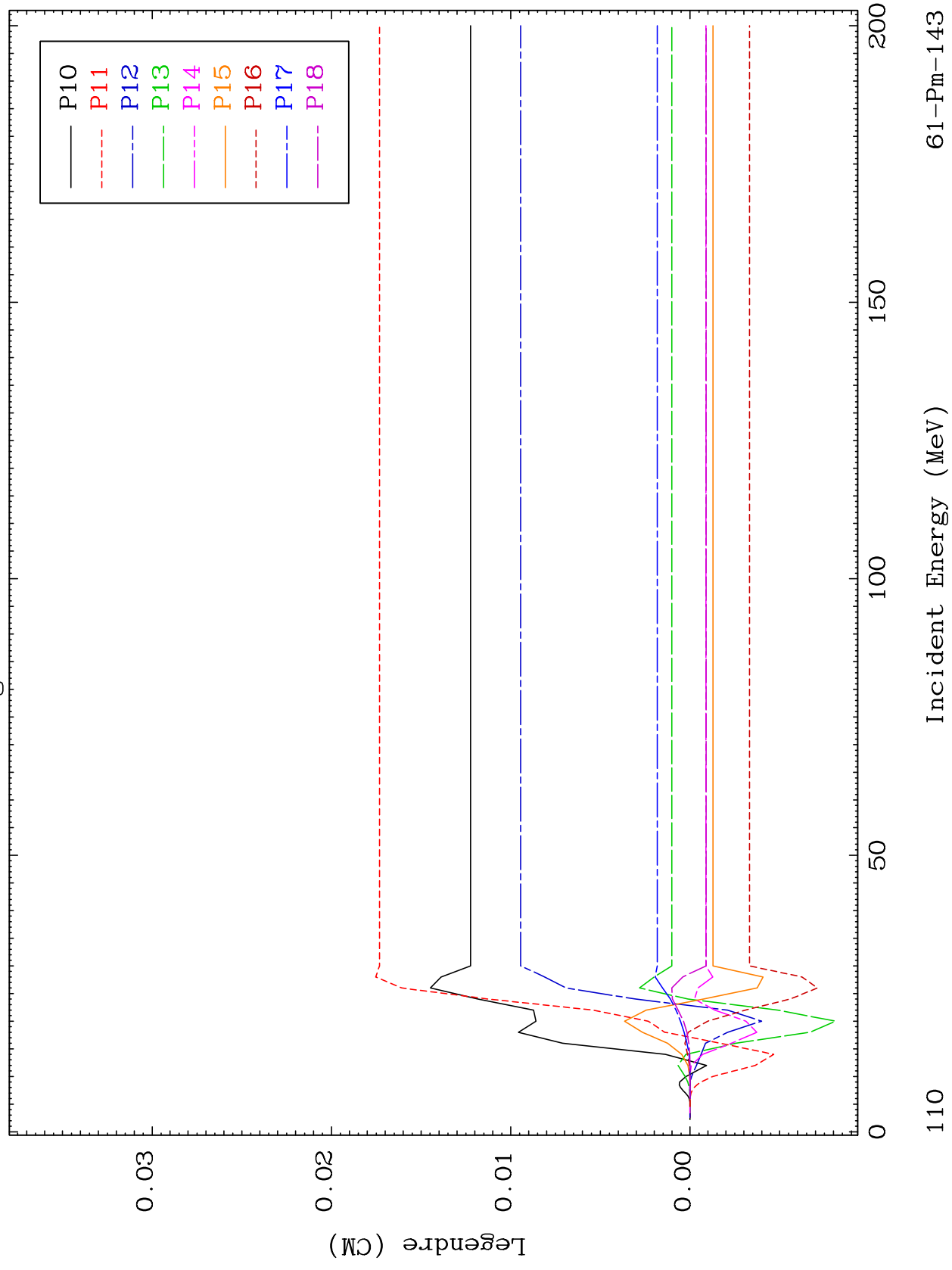
61-Pm-143

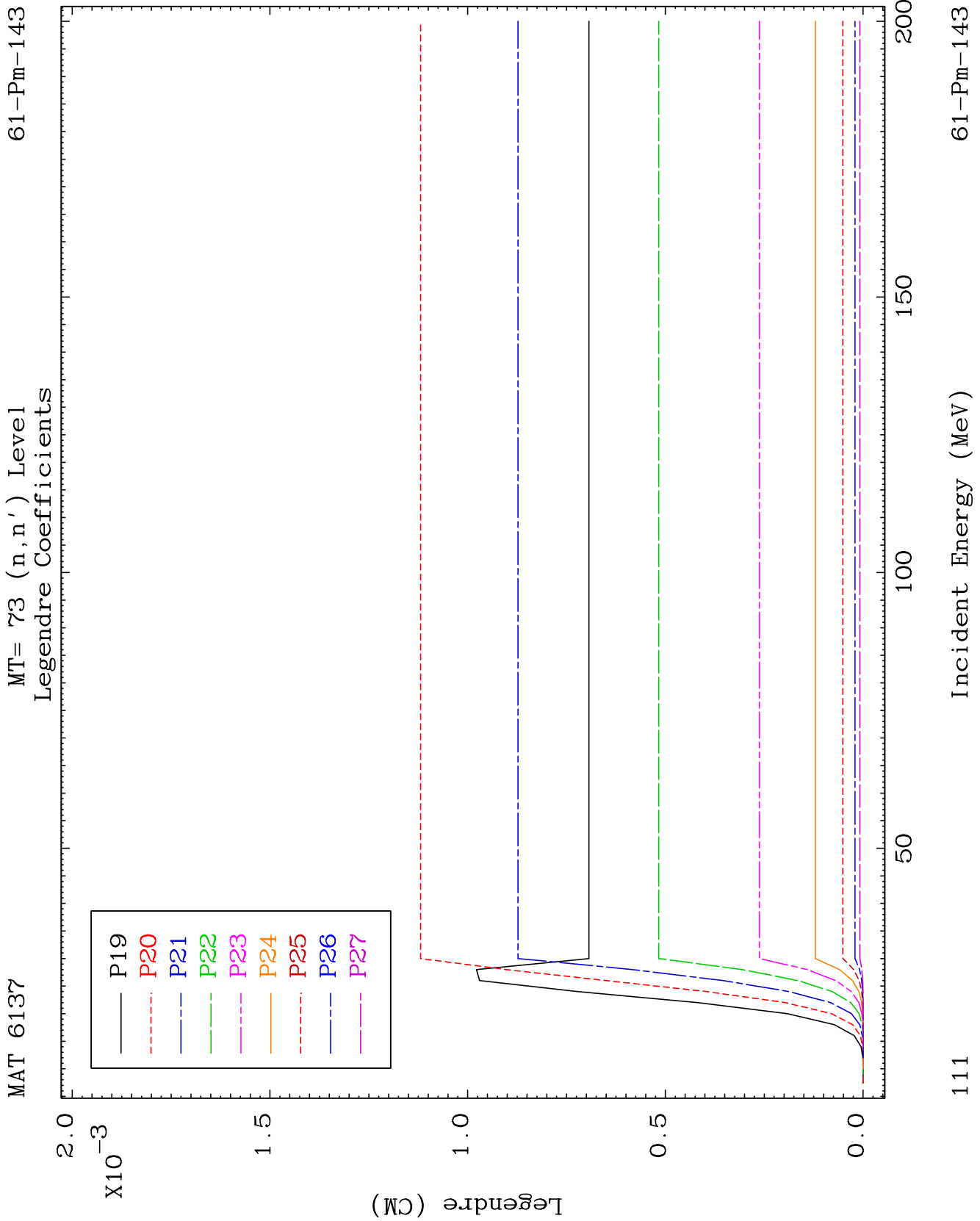


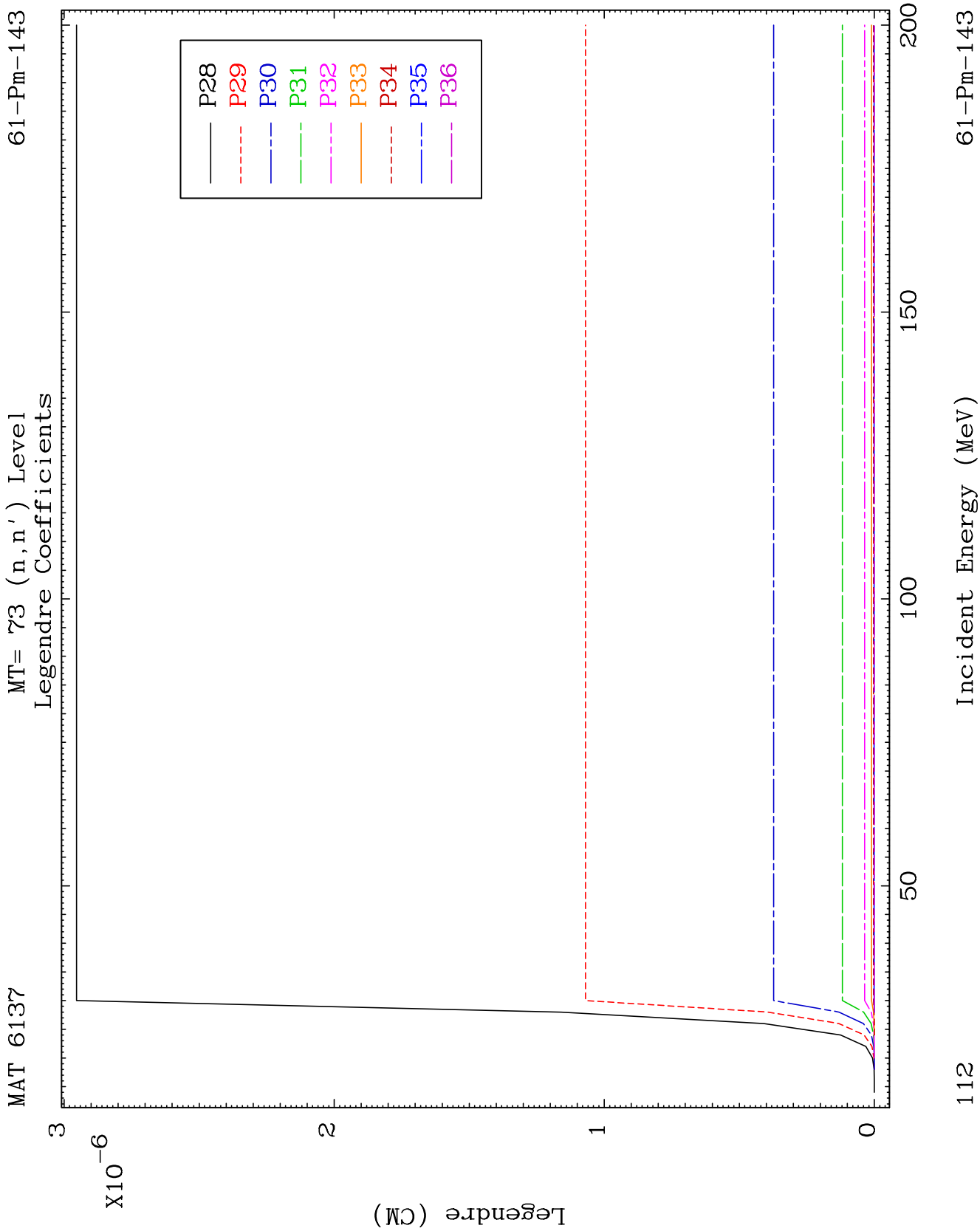
MAT 6137

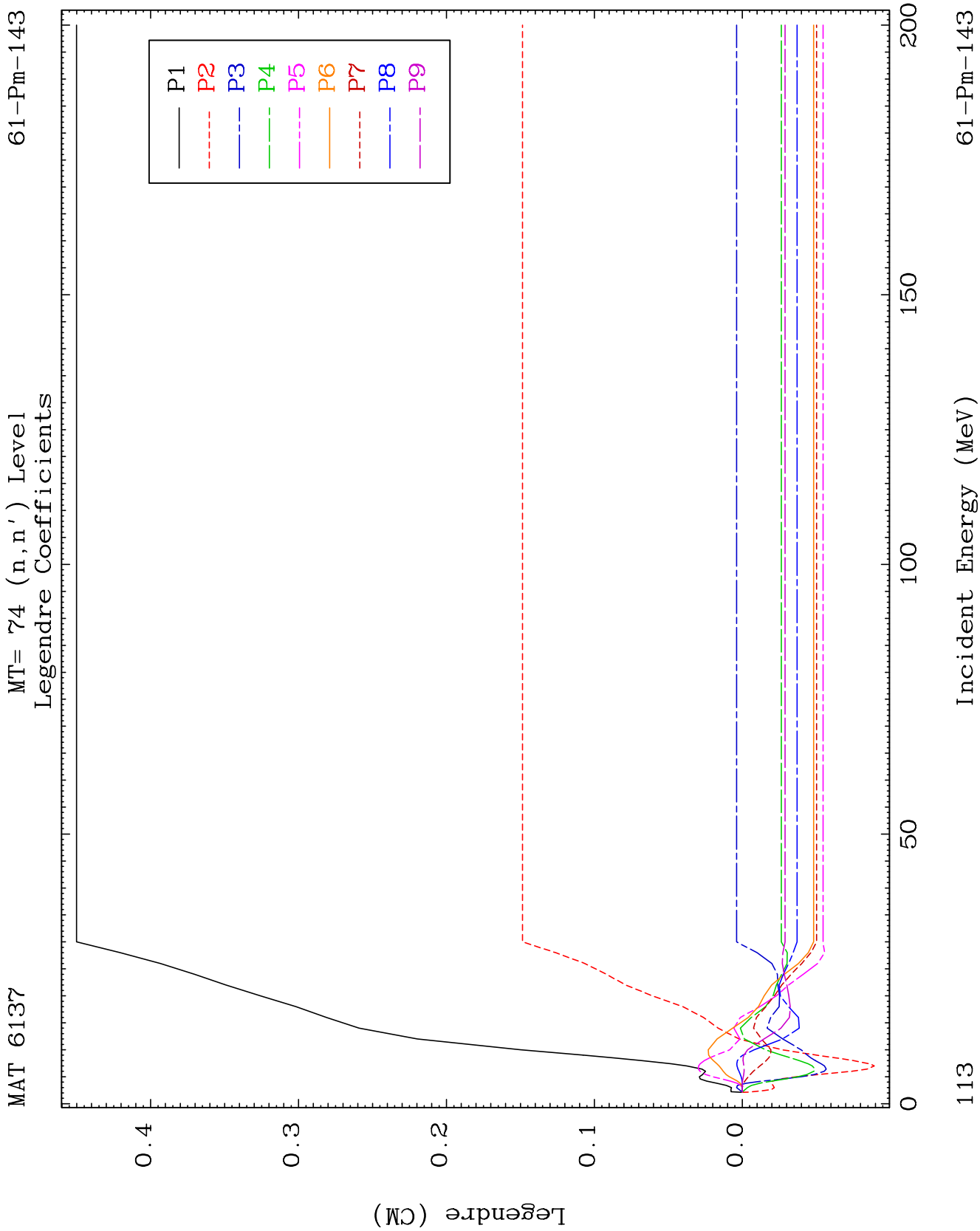
MT= 73 (n, n') Level
Legendre Coefficients

61-Pm-143





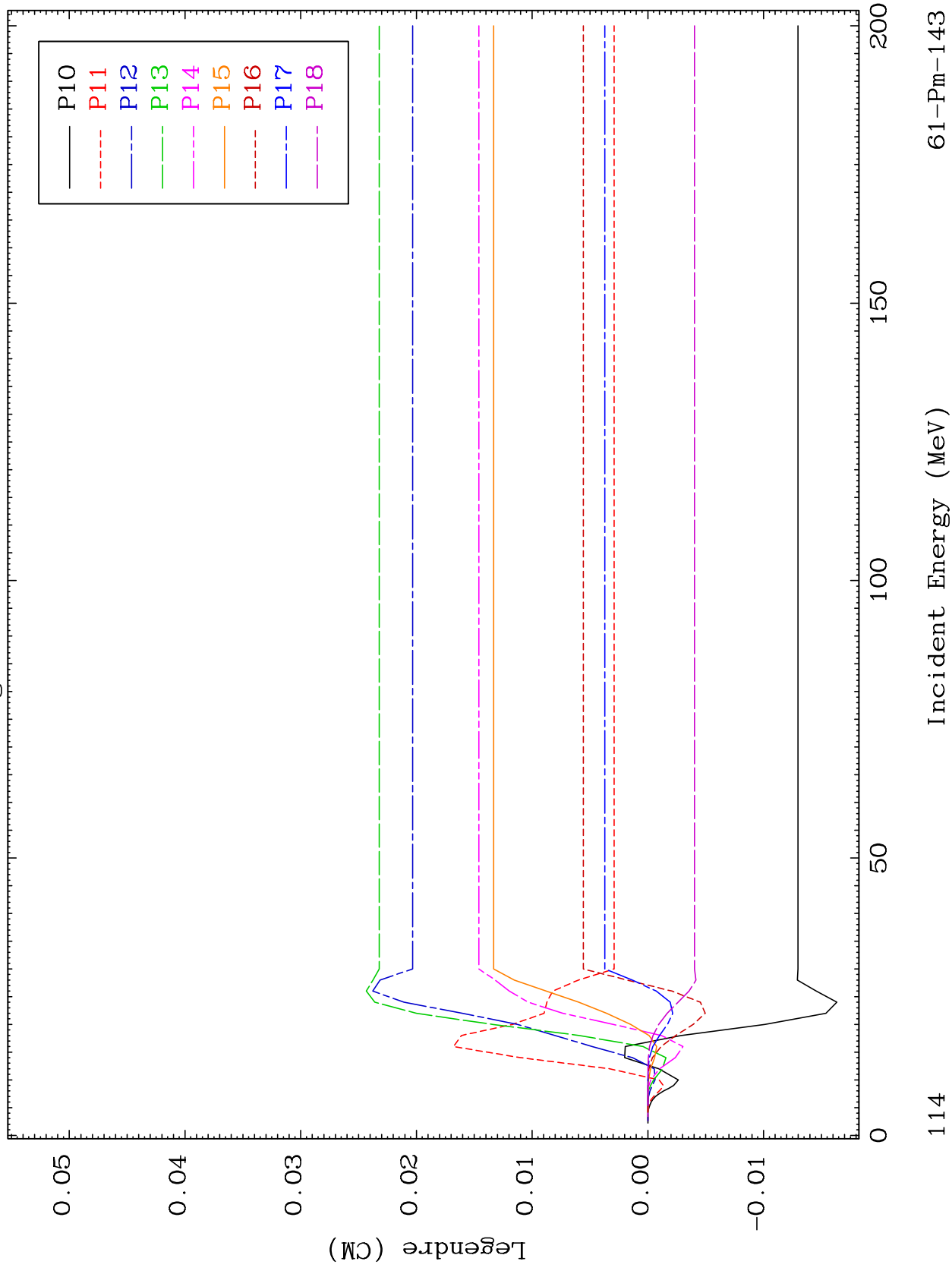


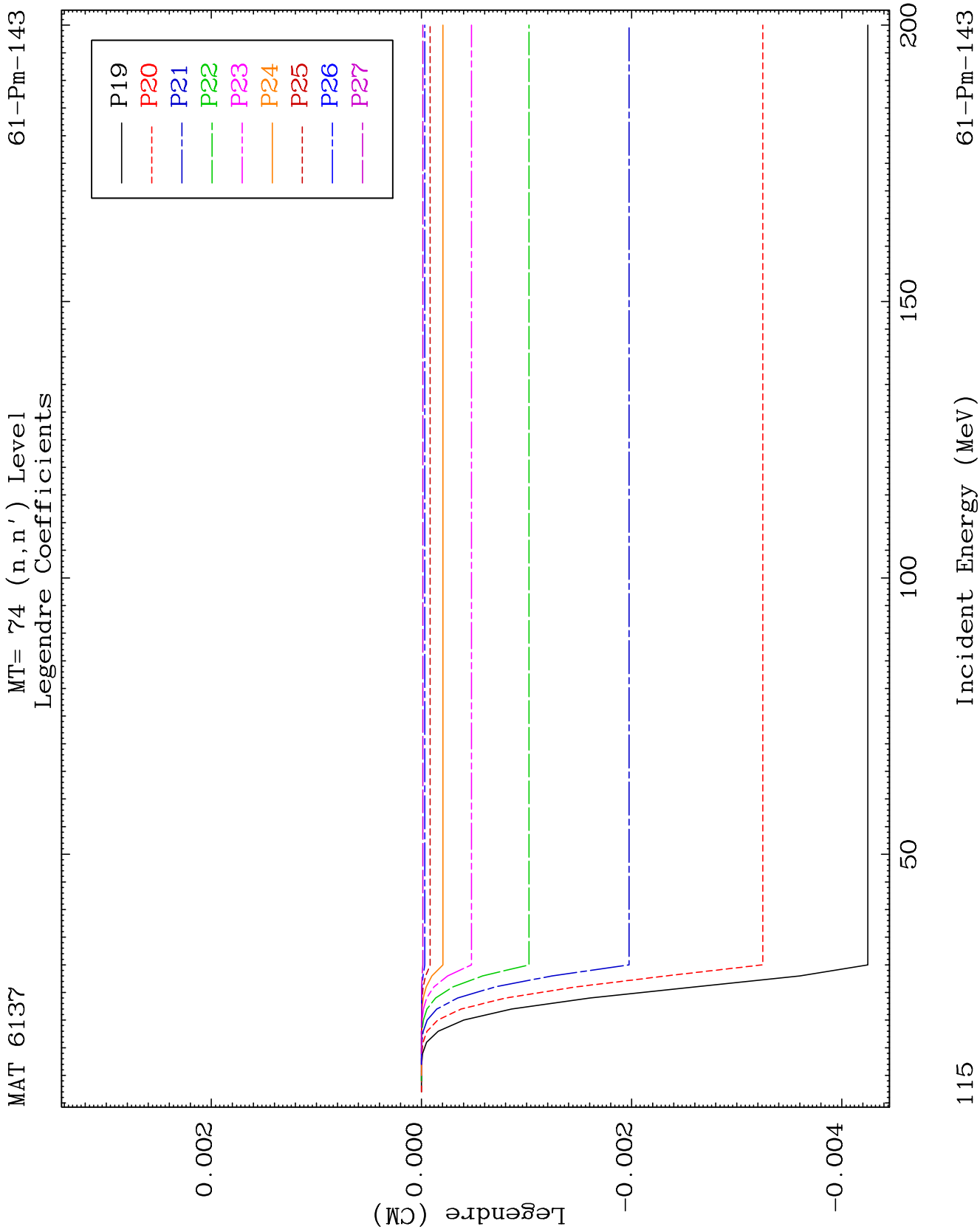


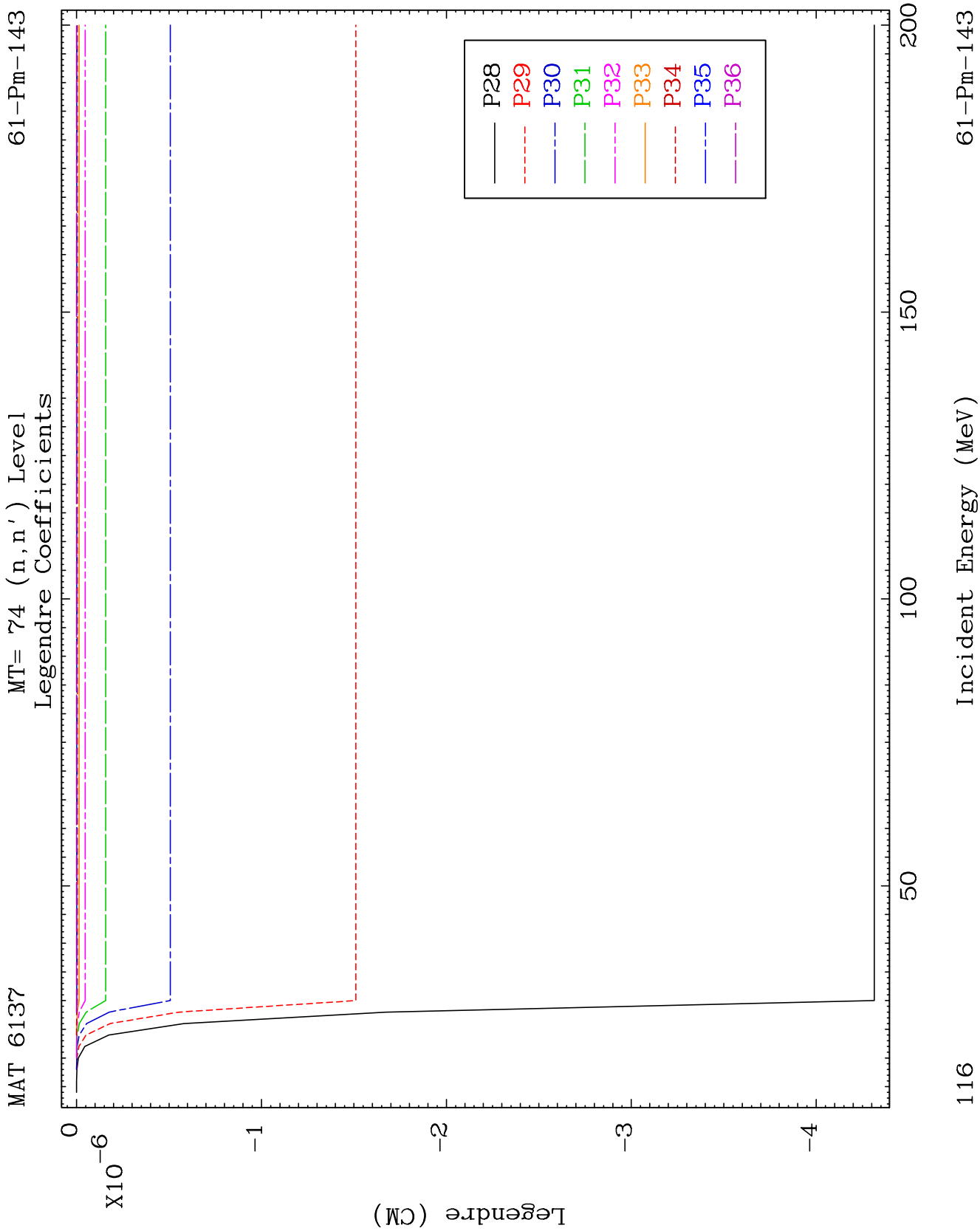
MAT 6137

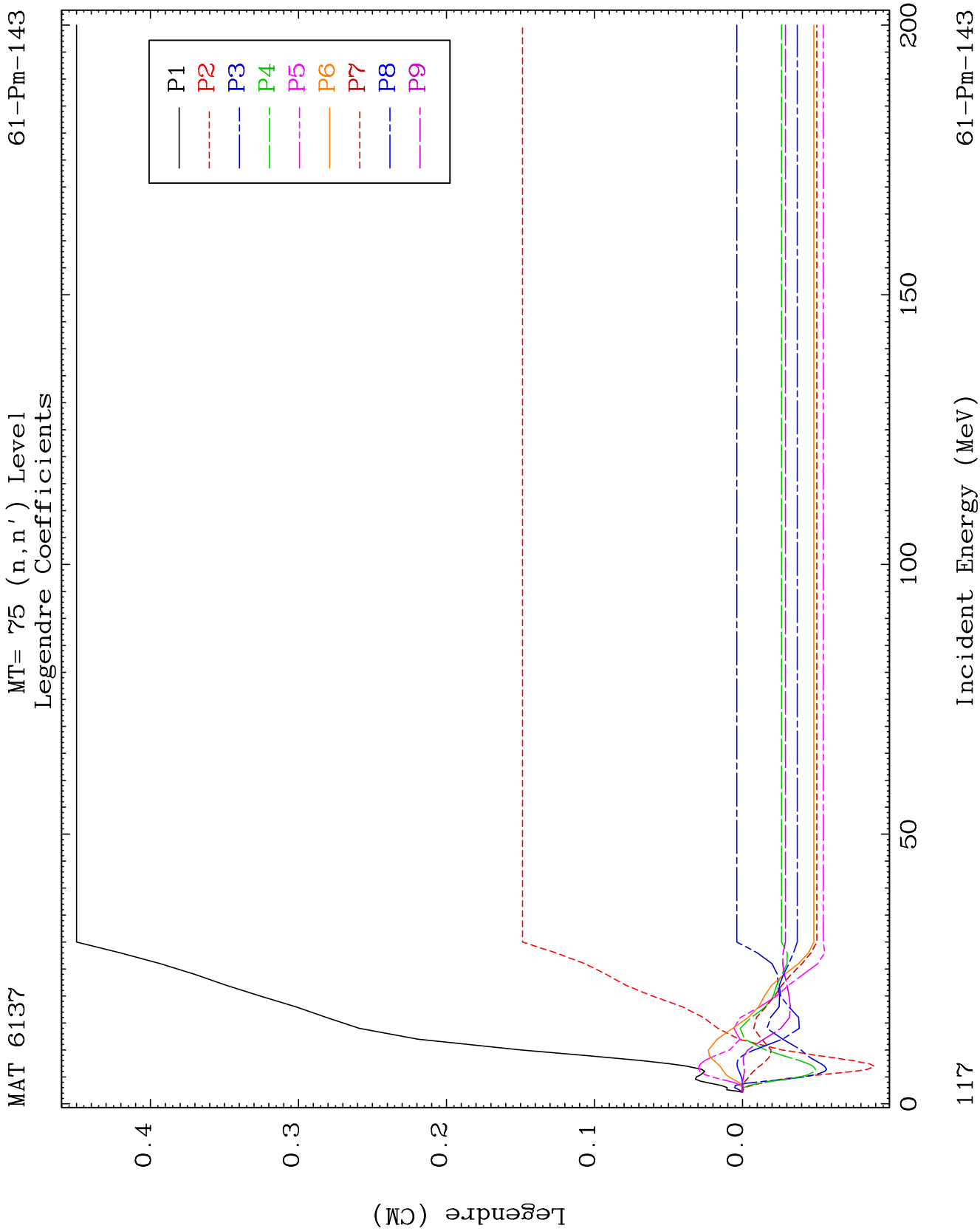
MT= 74 (n, n') Level
Legendre Coefficients

61-Pm-143





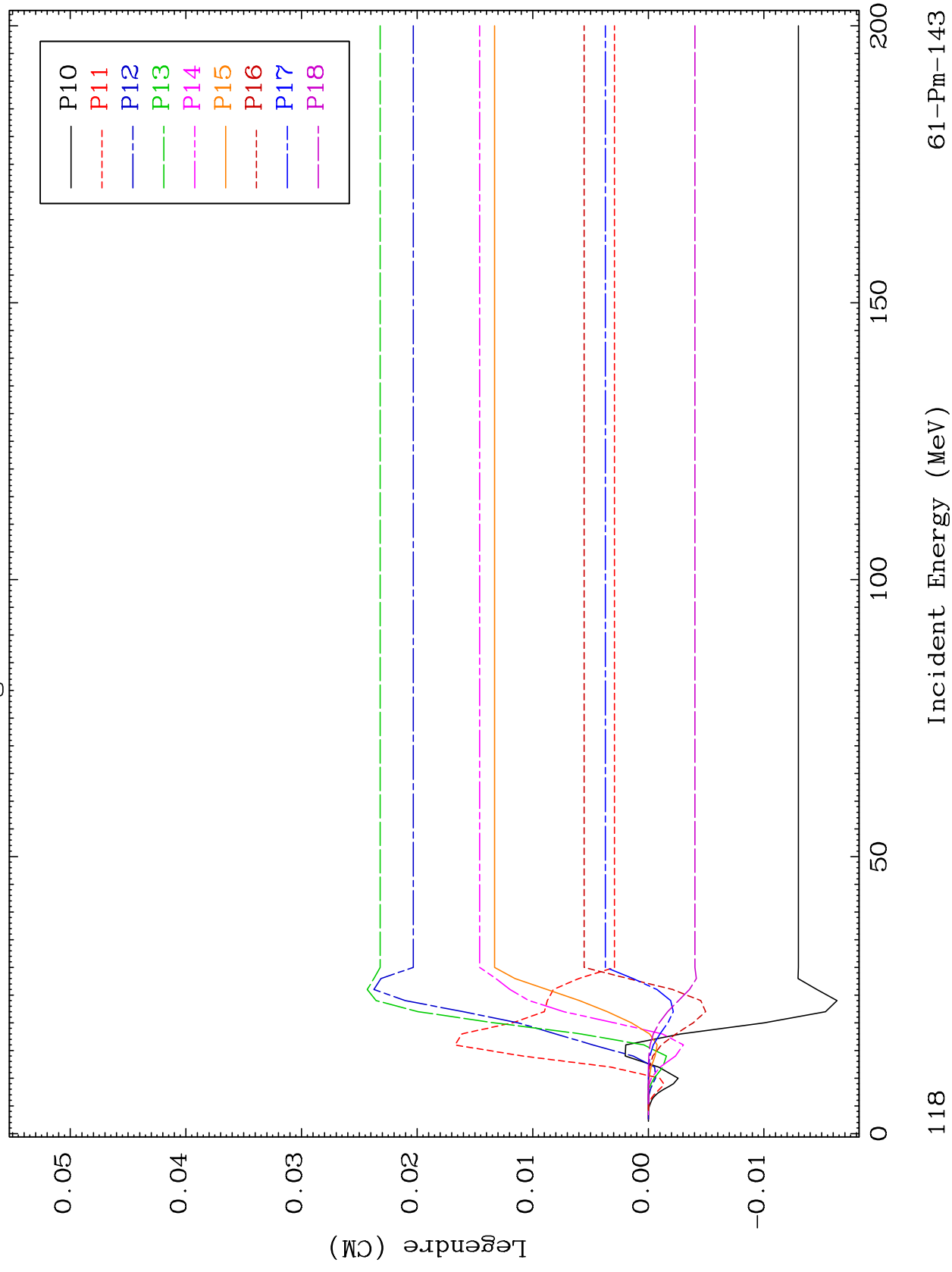


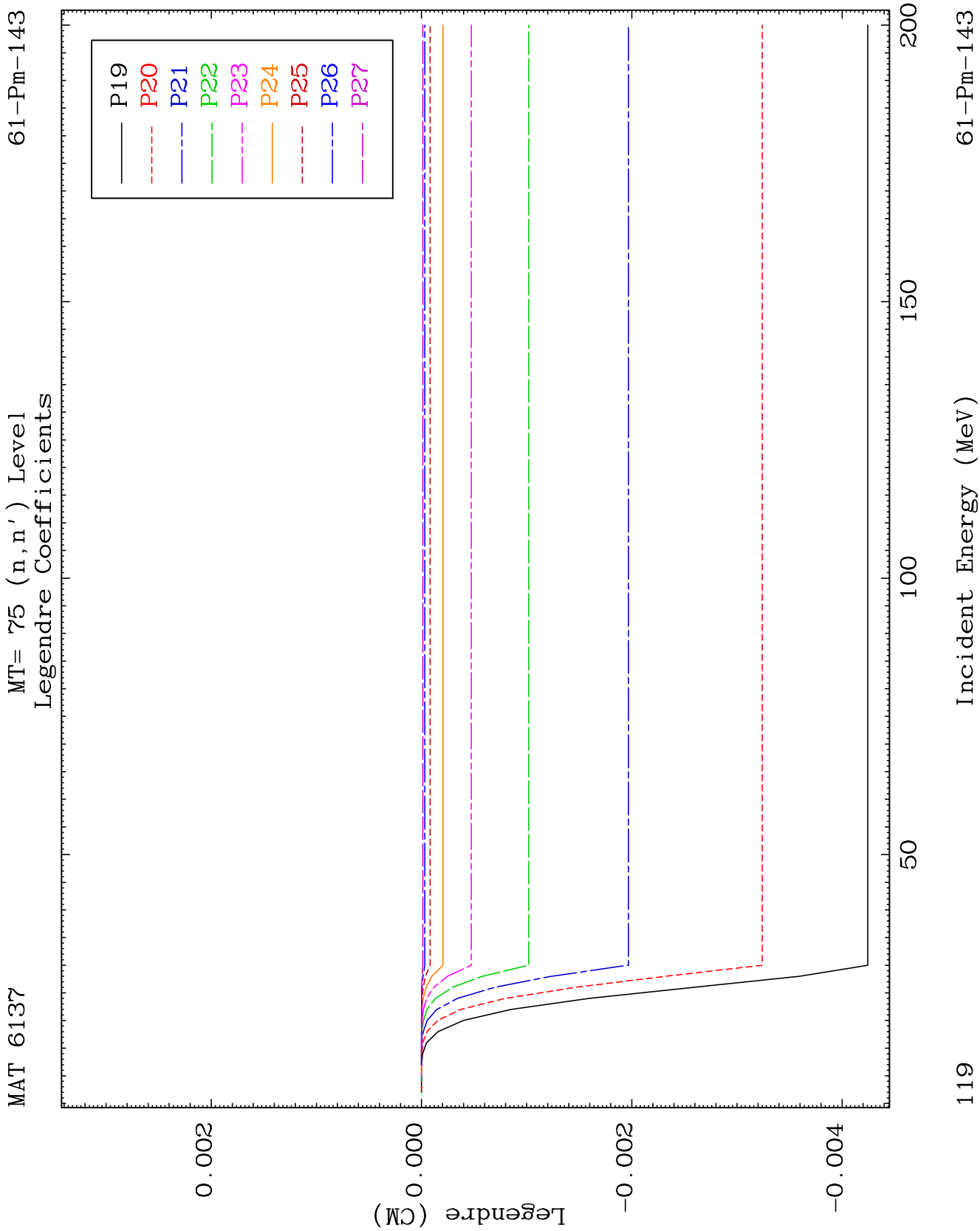


MAT 6137

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

61-Pm-143

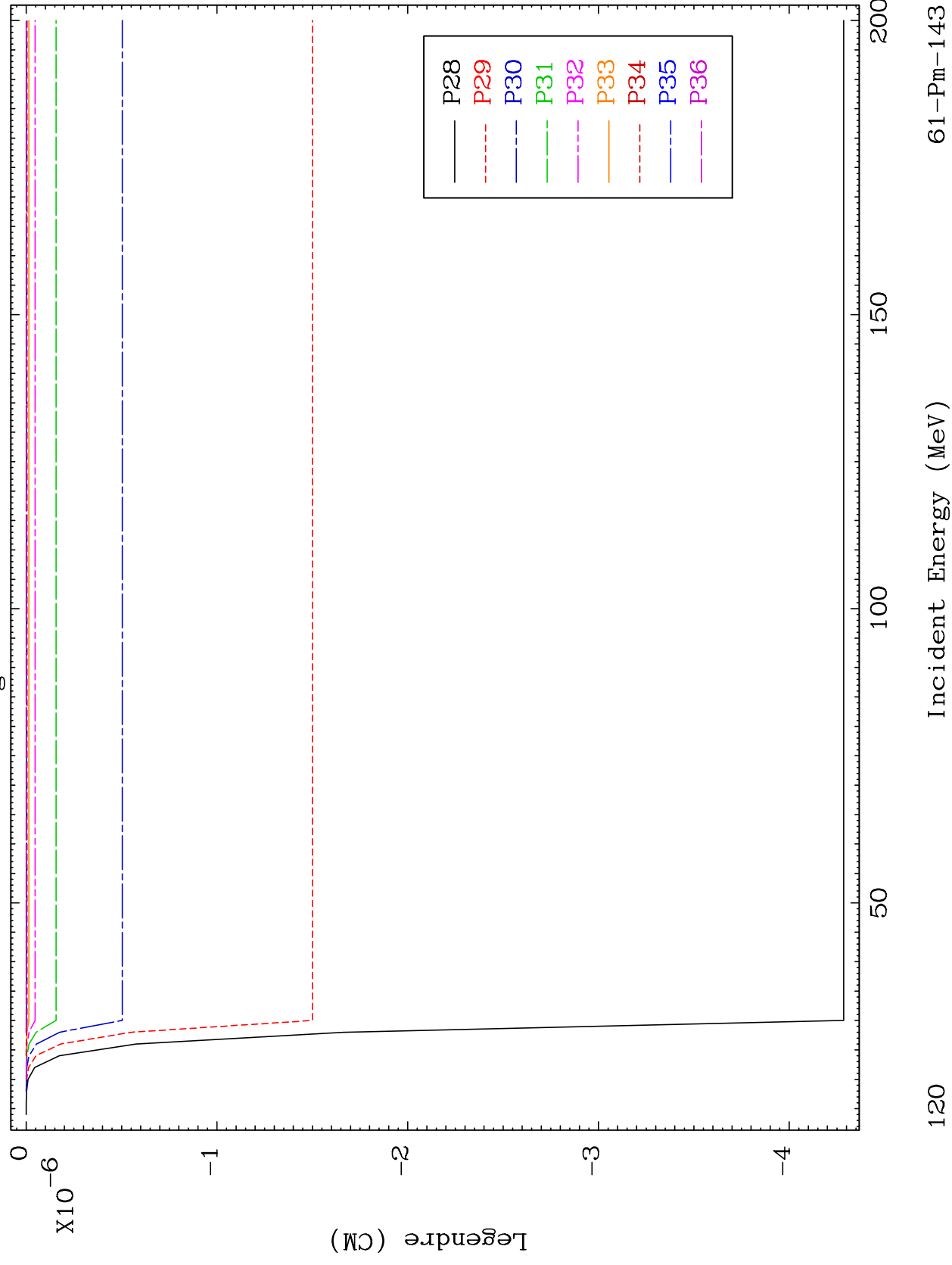




MAT 6137

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

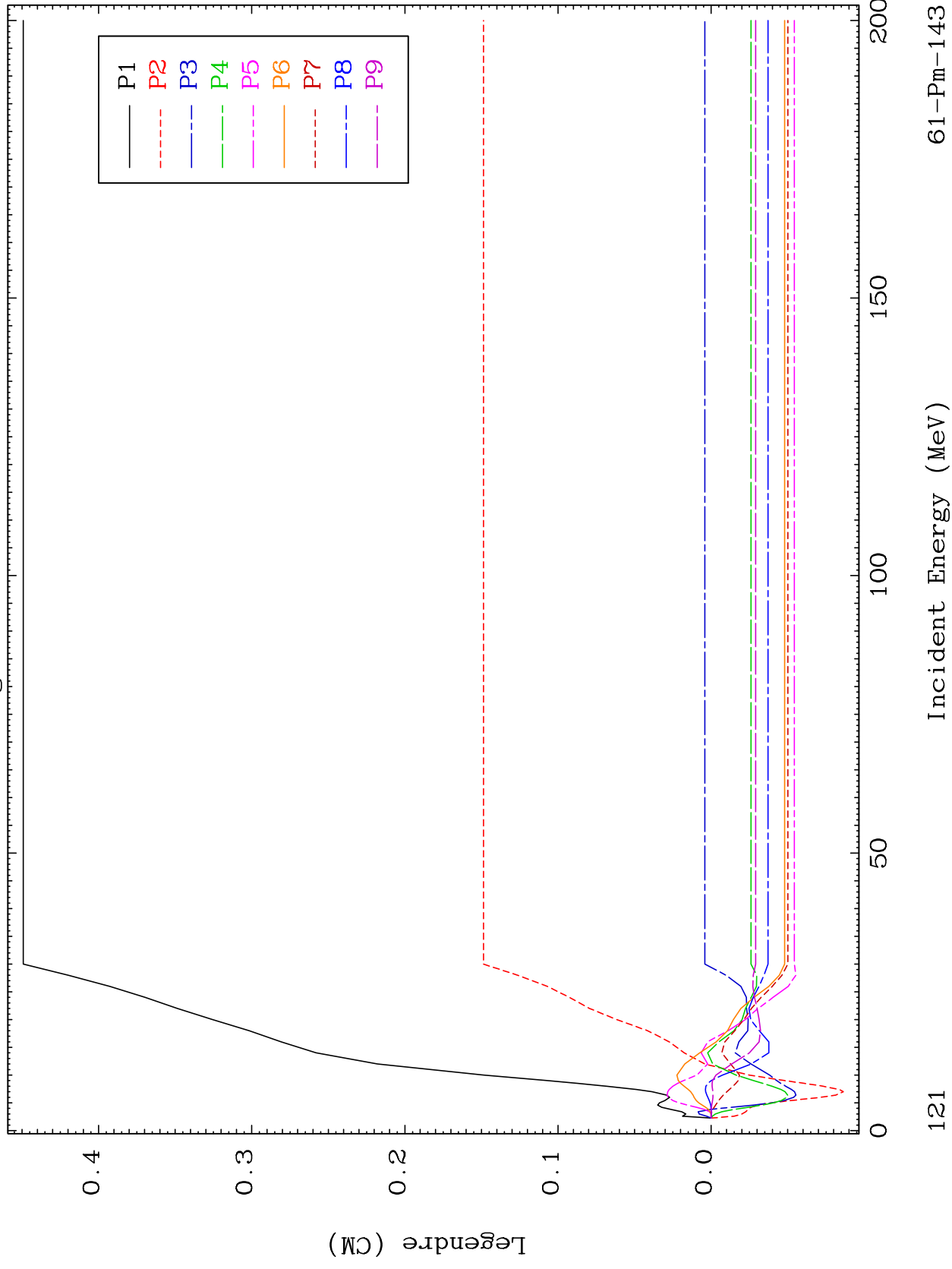
61-Pm-143



MAT 6137

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

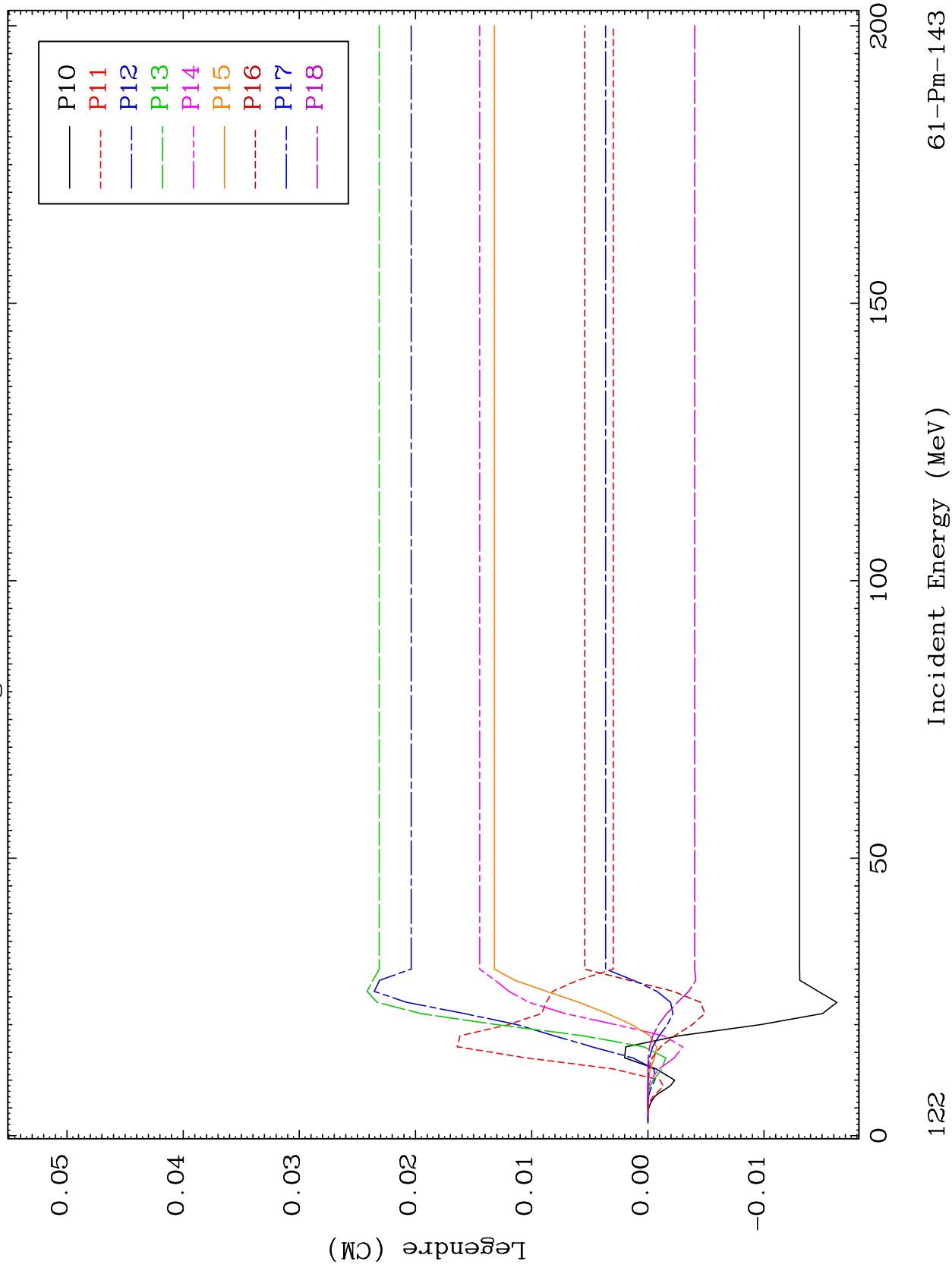
61-Pm-143

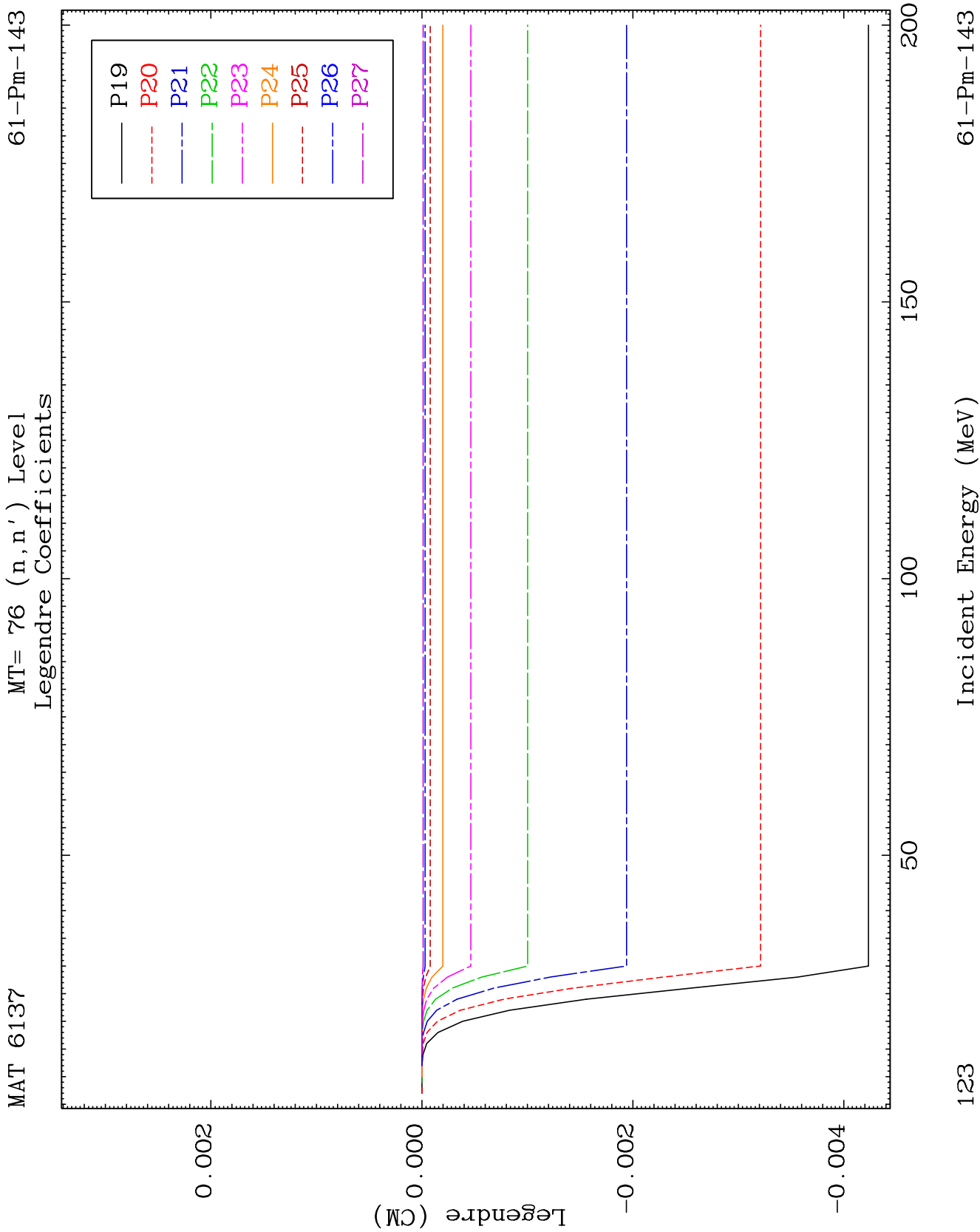


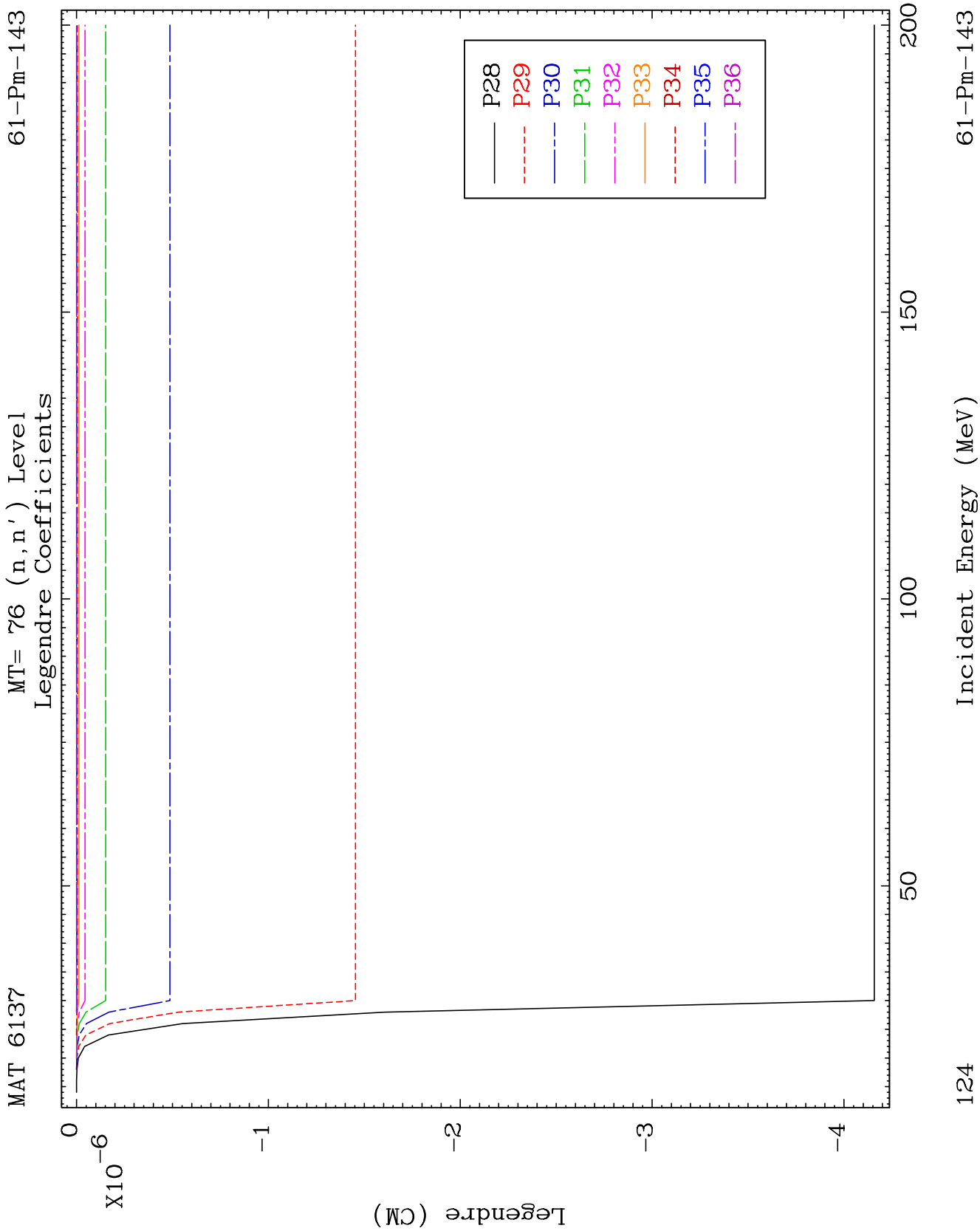
MAT 6137

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

61-Pm-143



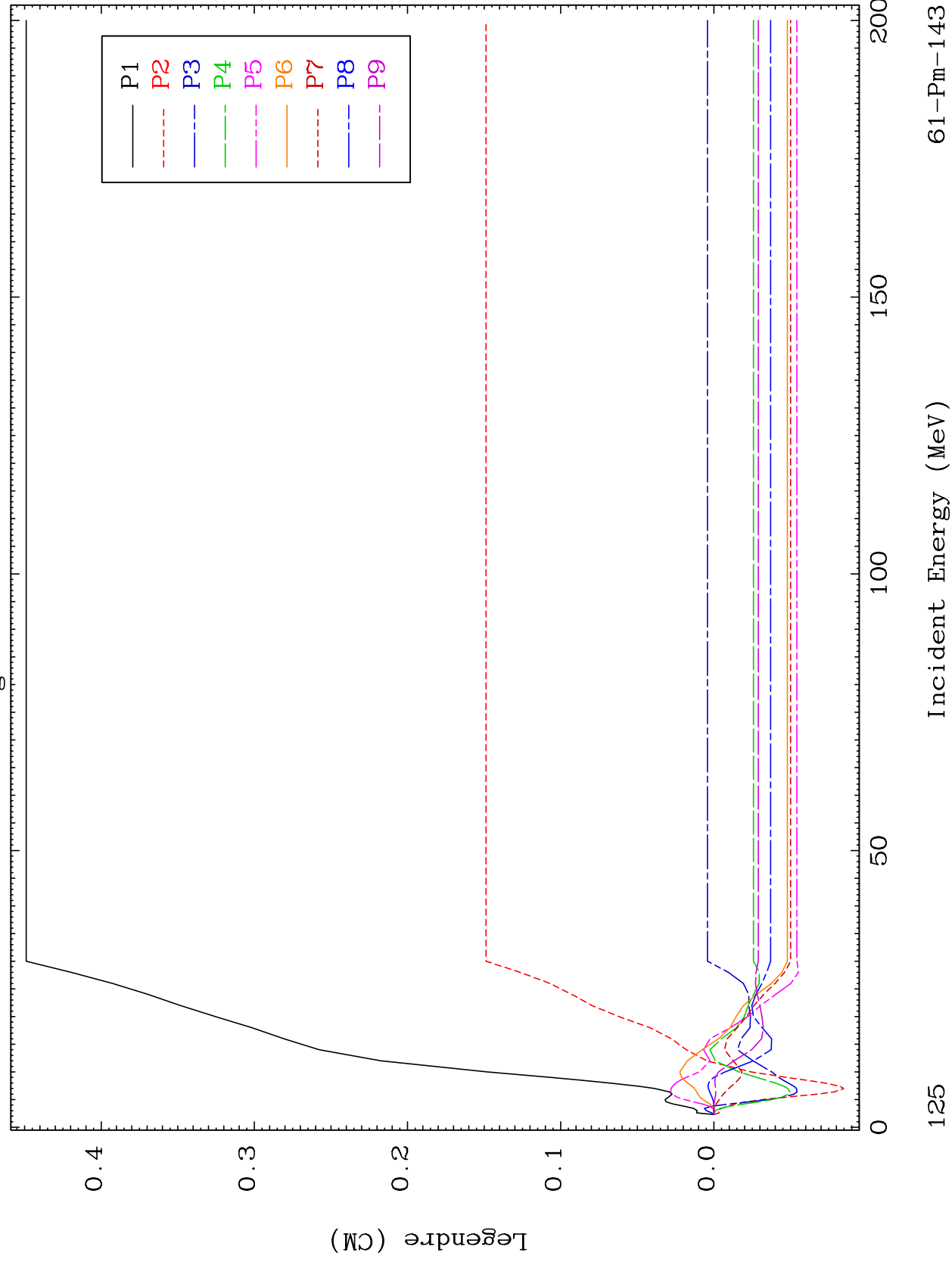


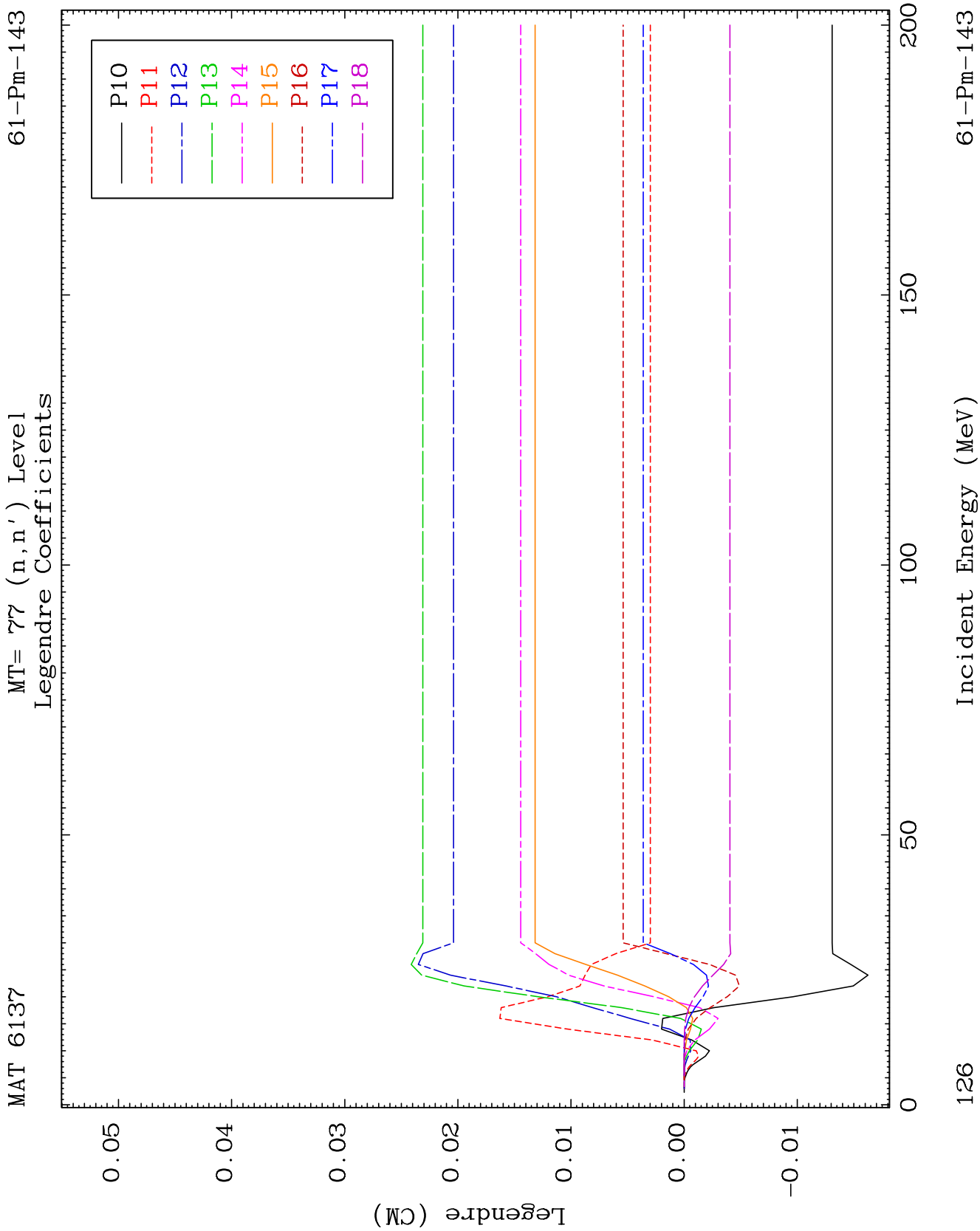


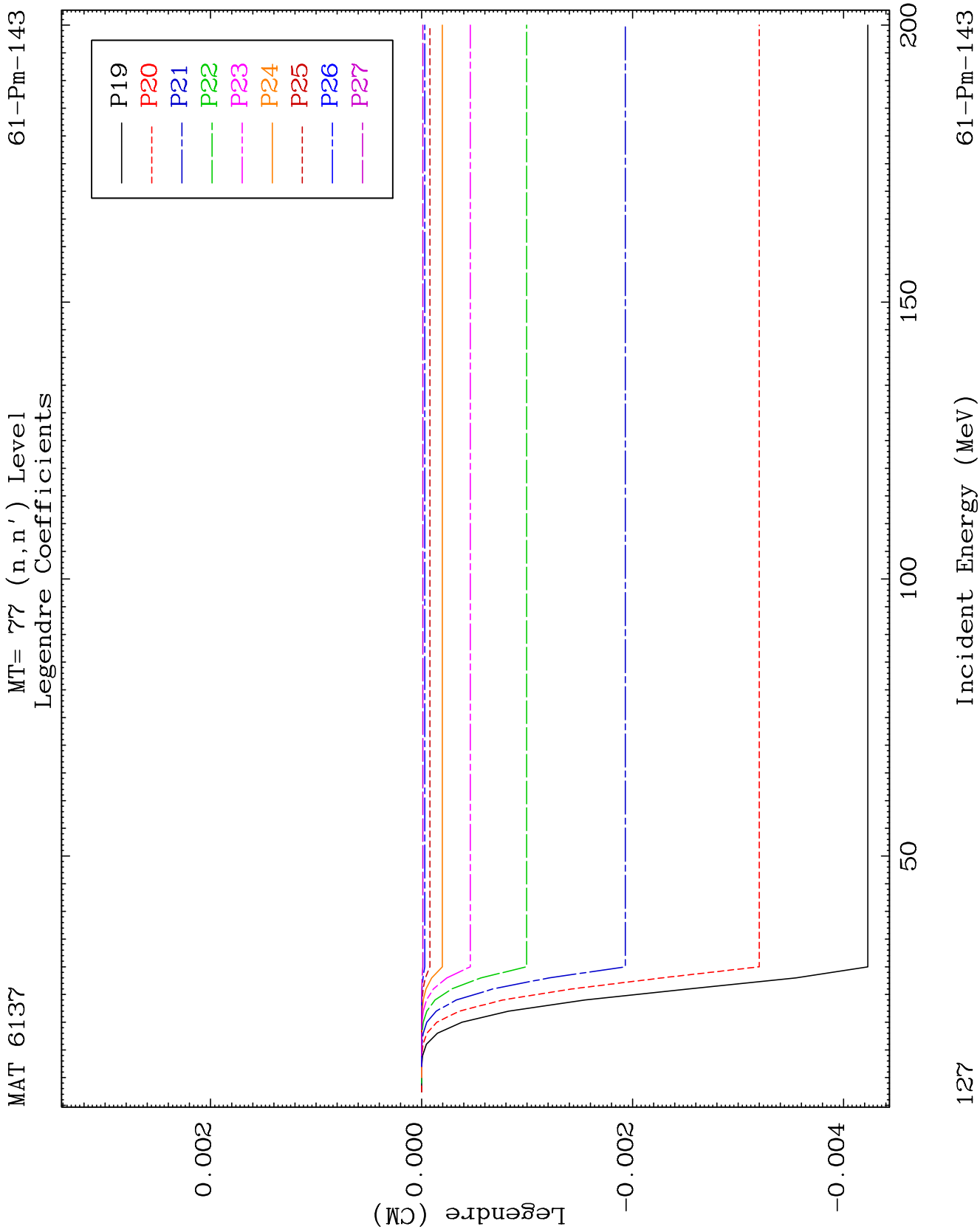
MAT 6137

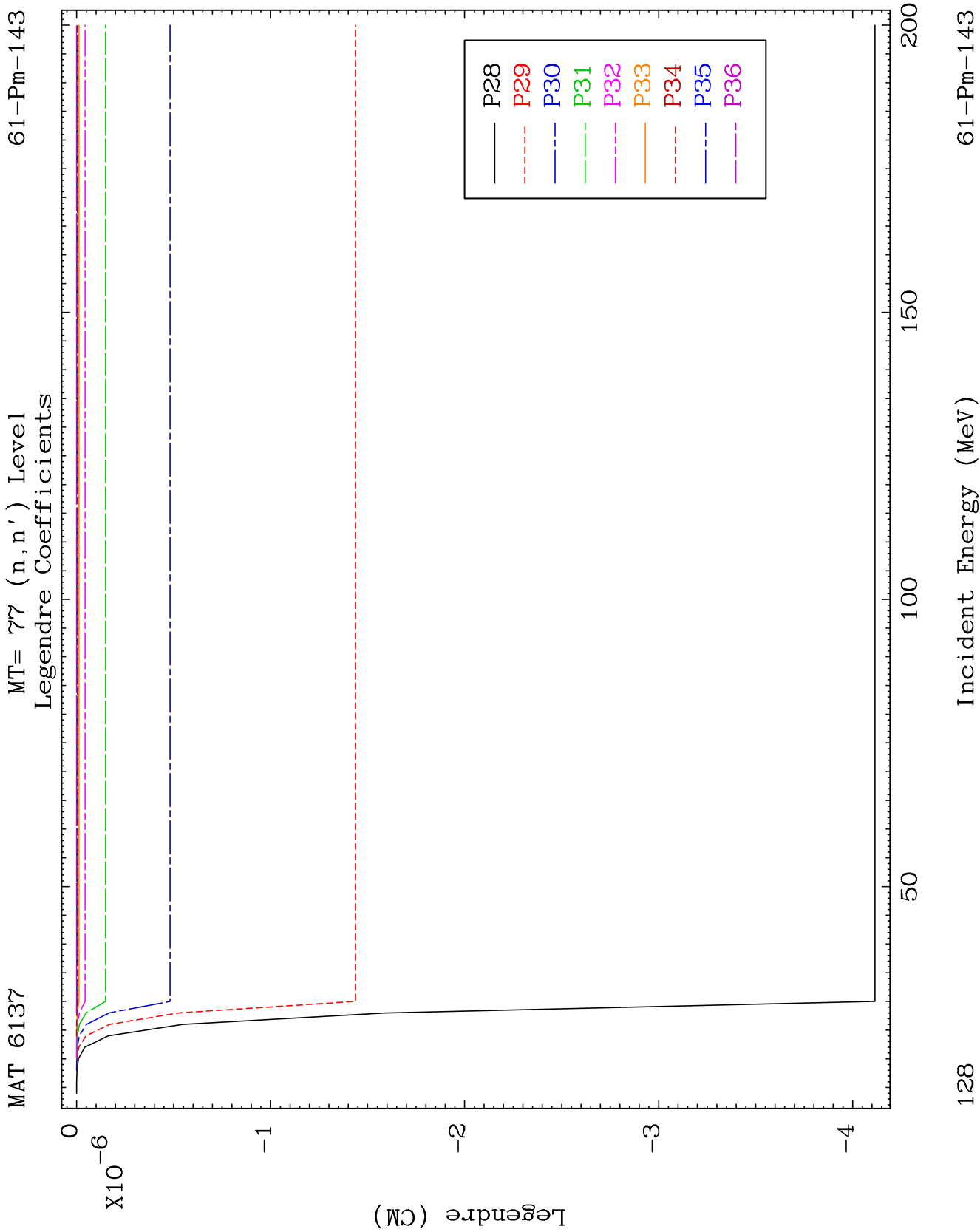
MT= 77 (n, n') Level
Legendre Coefficients

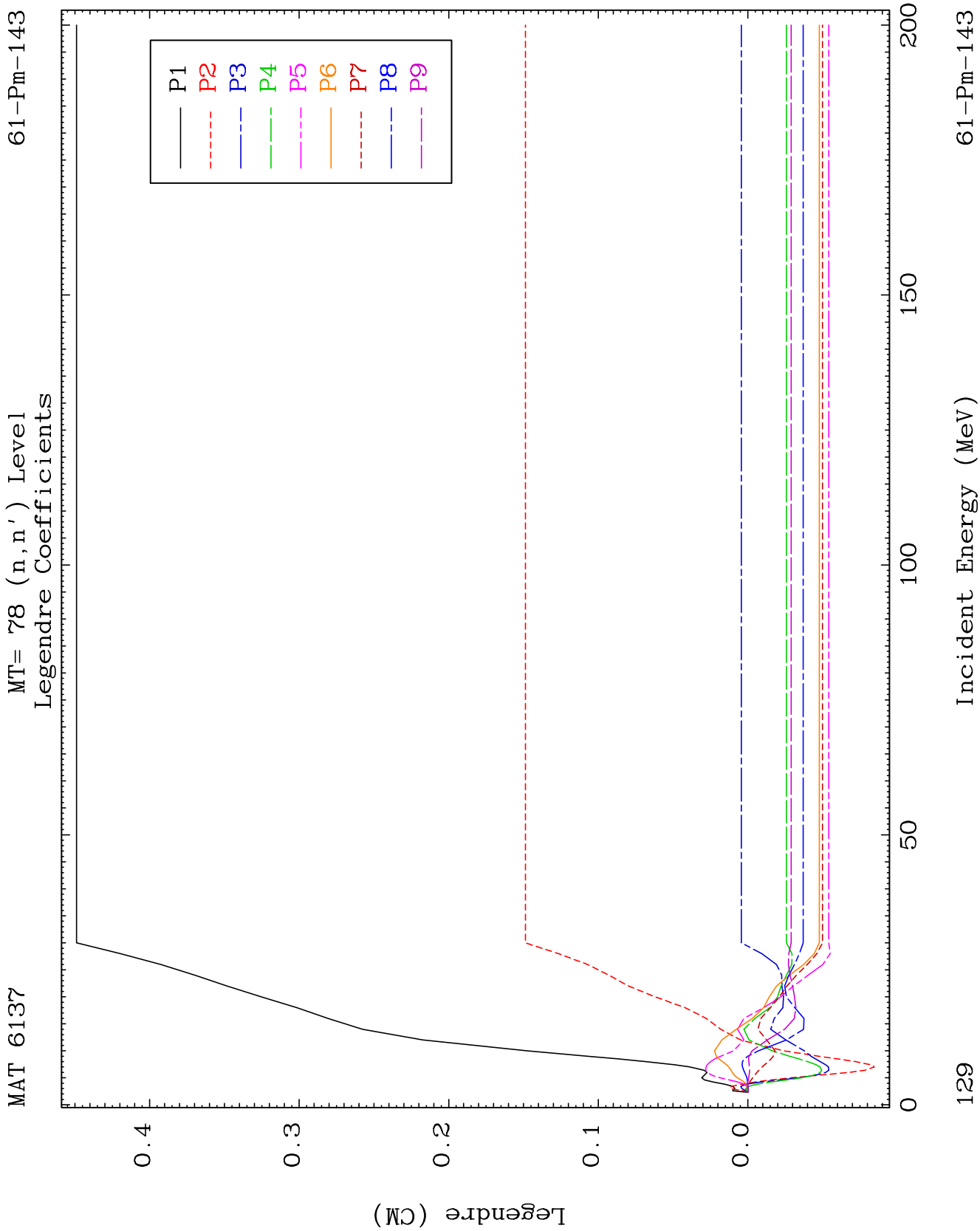
61-Pm-143







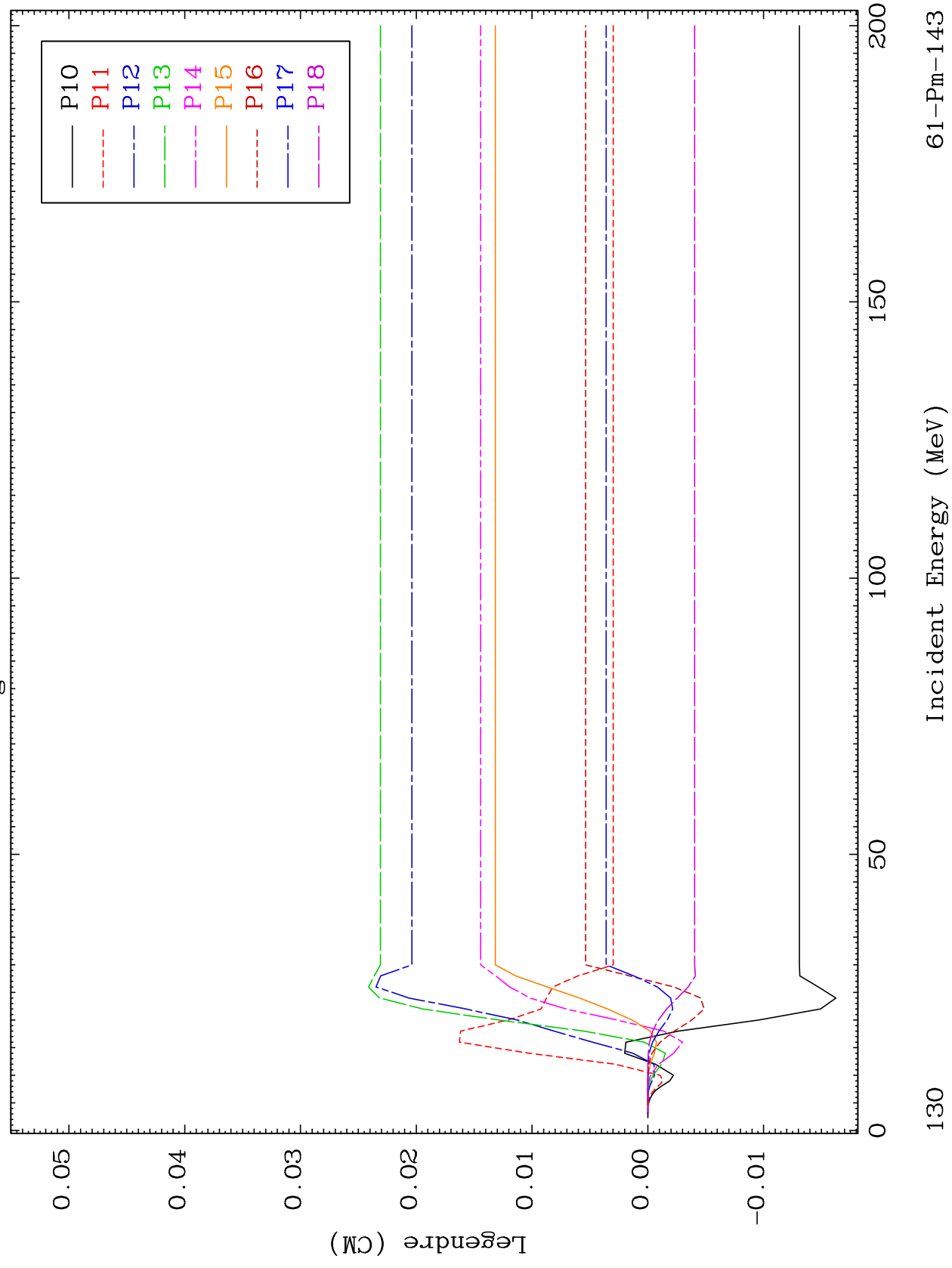


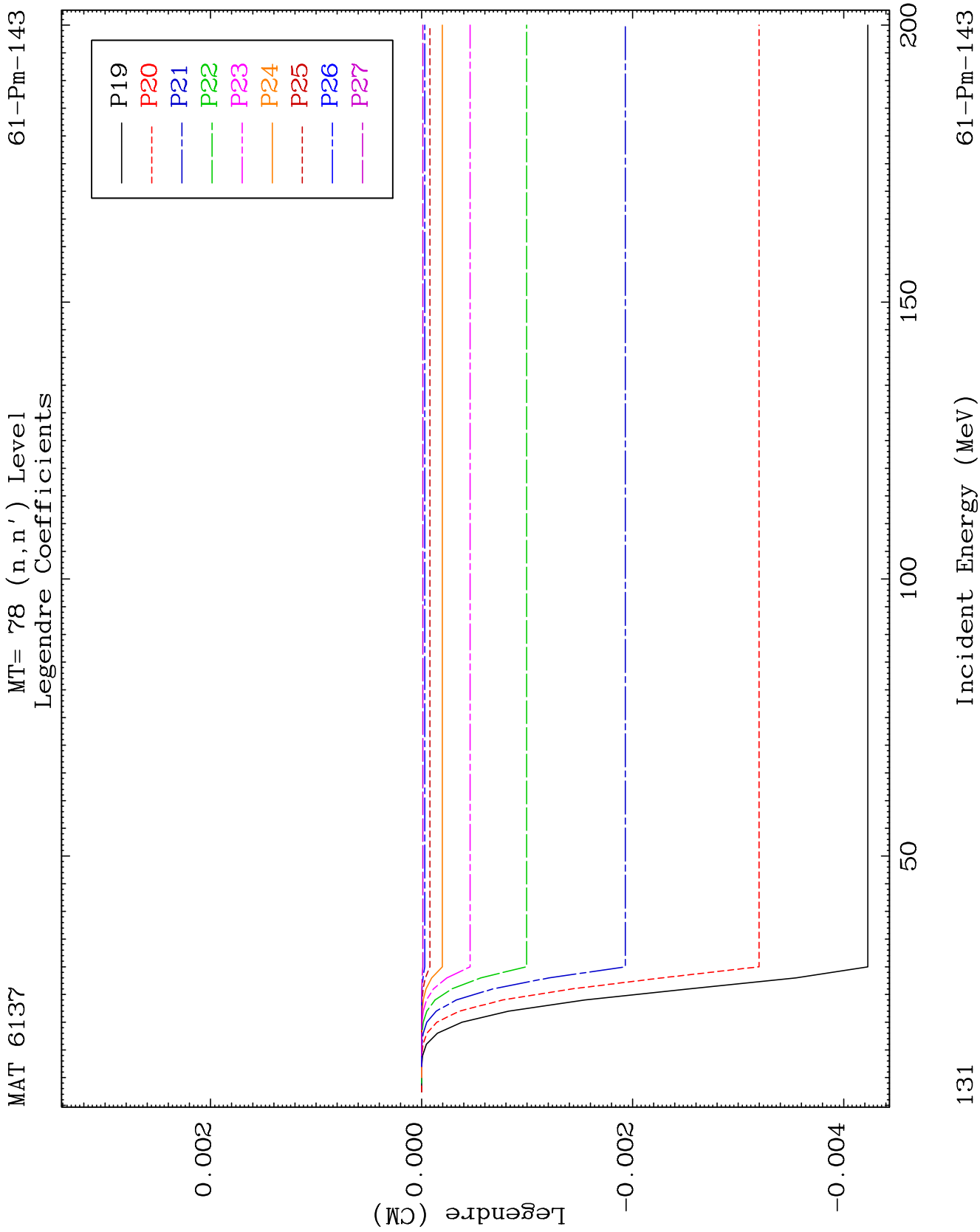


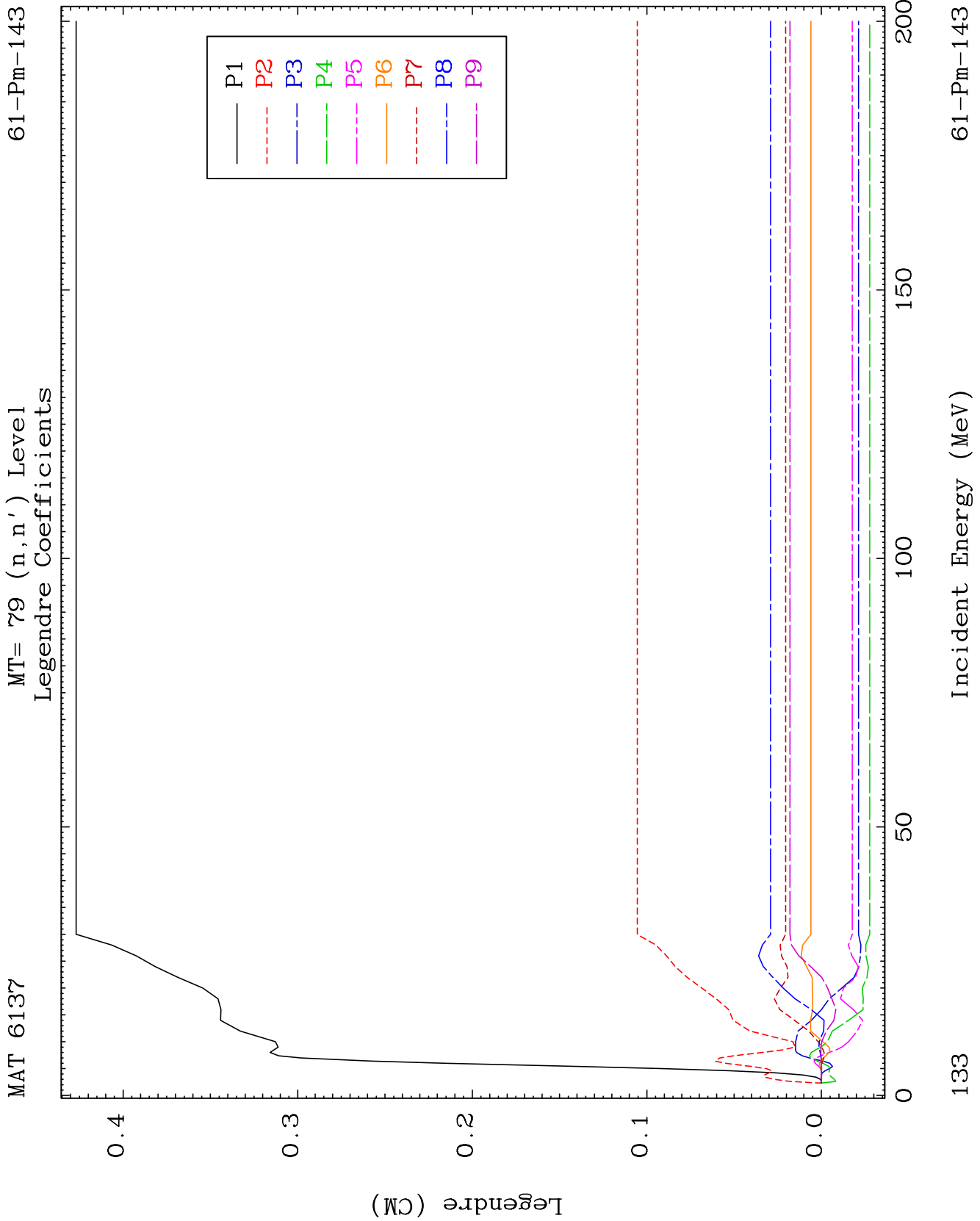
MAT 6137

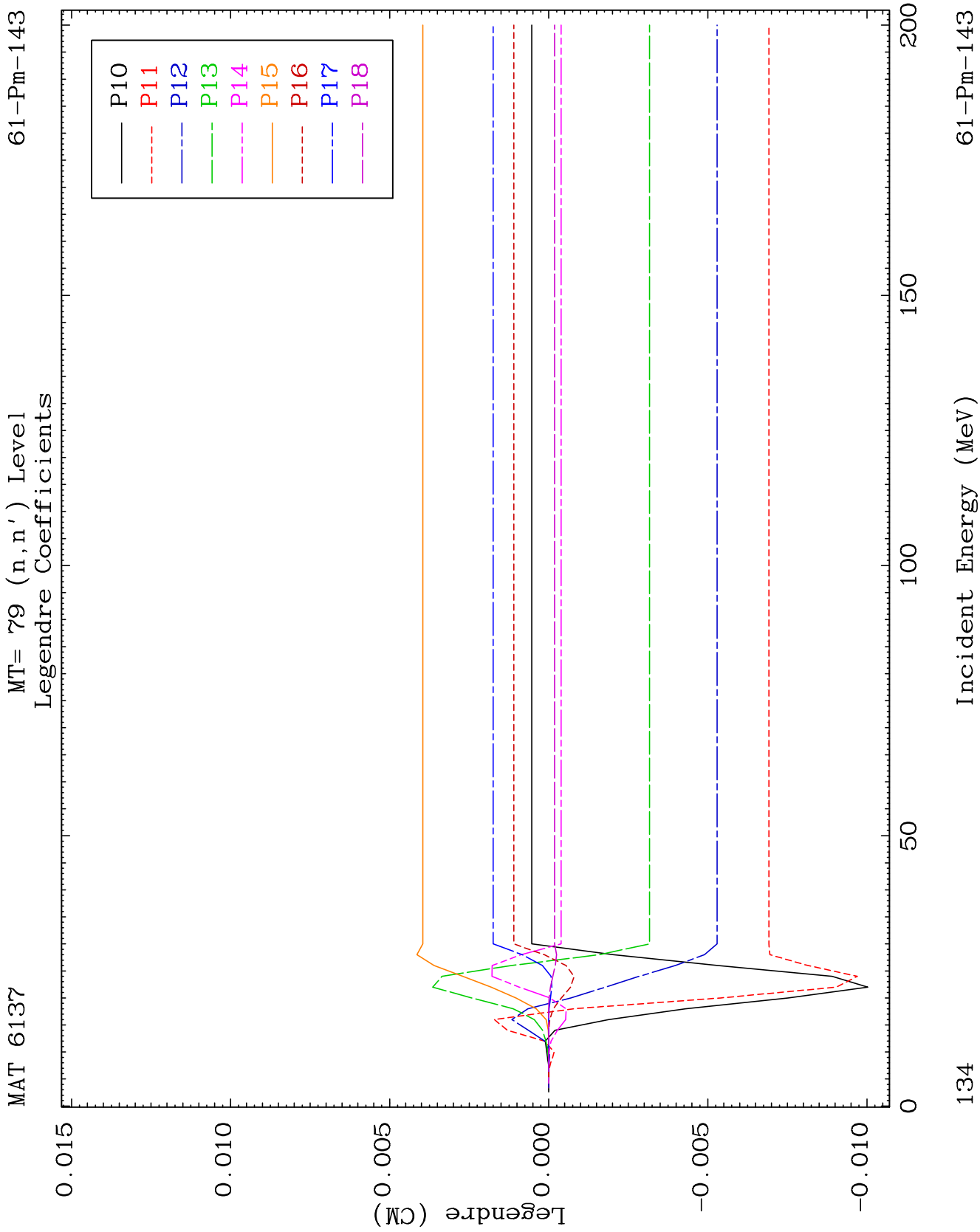
MT= 78 (n, n') Level
Legendre Coefficients

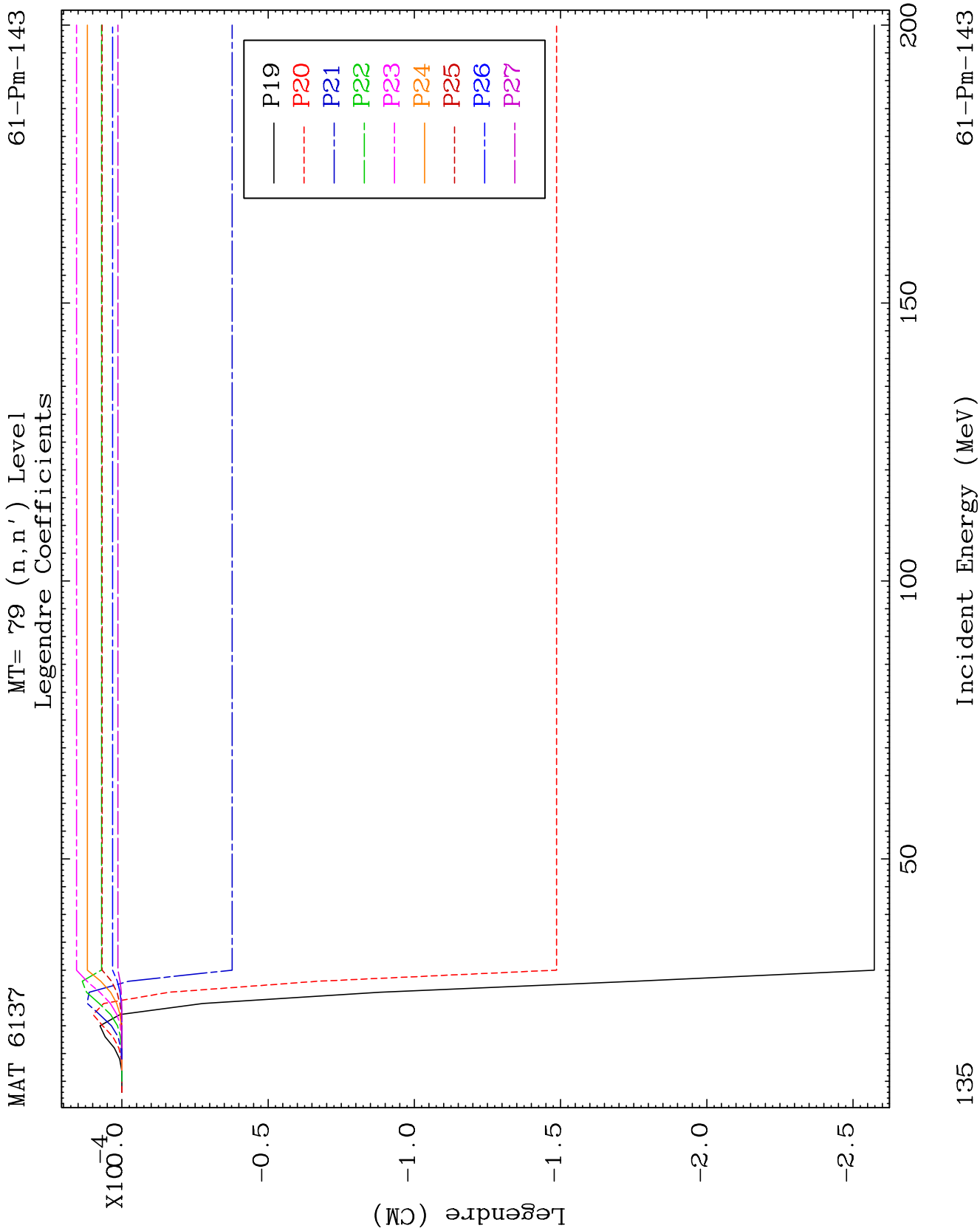
61-Pm-143

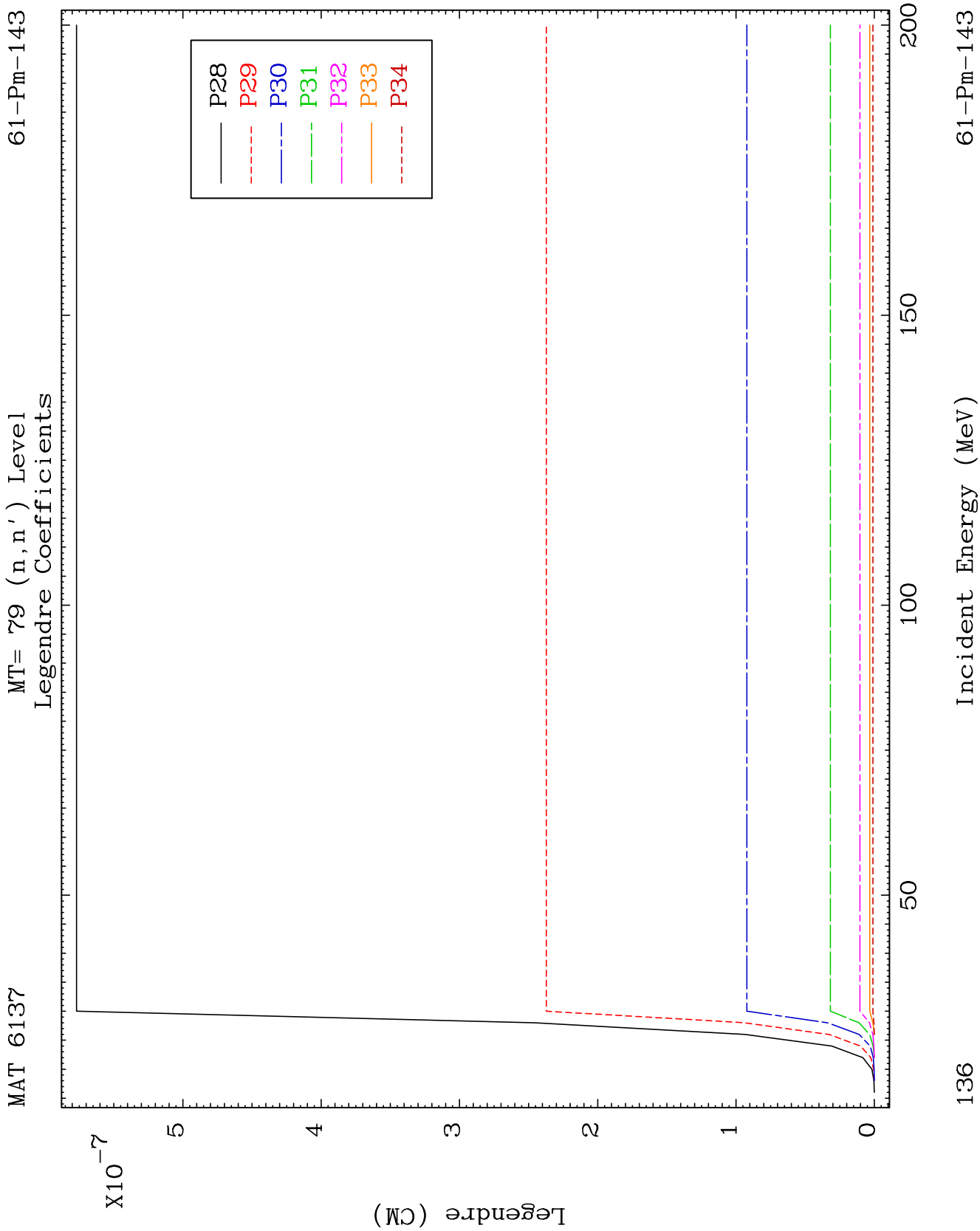


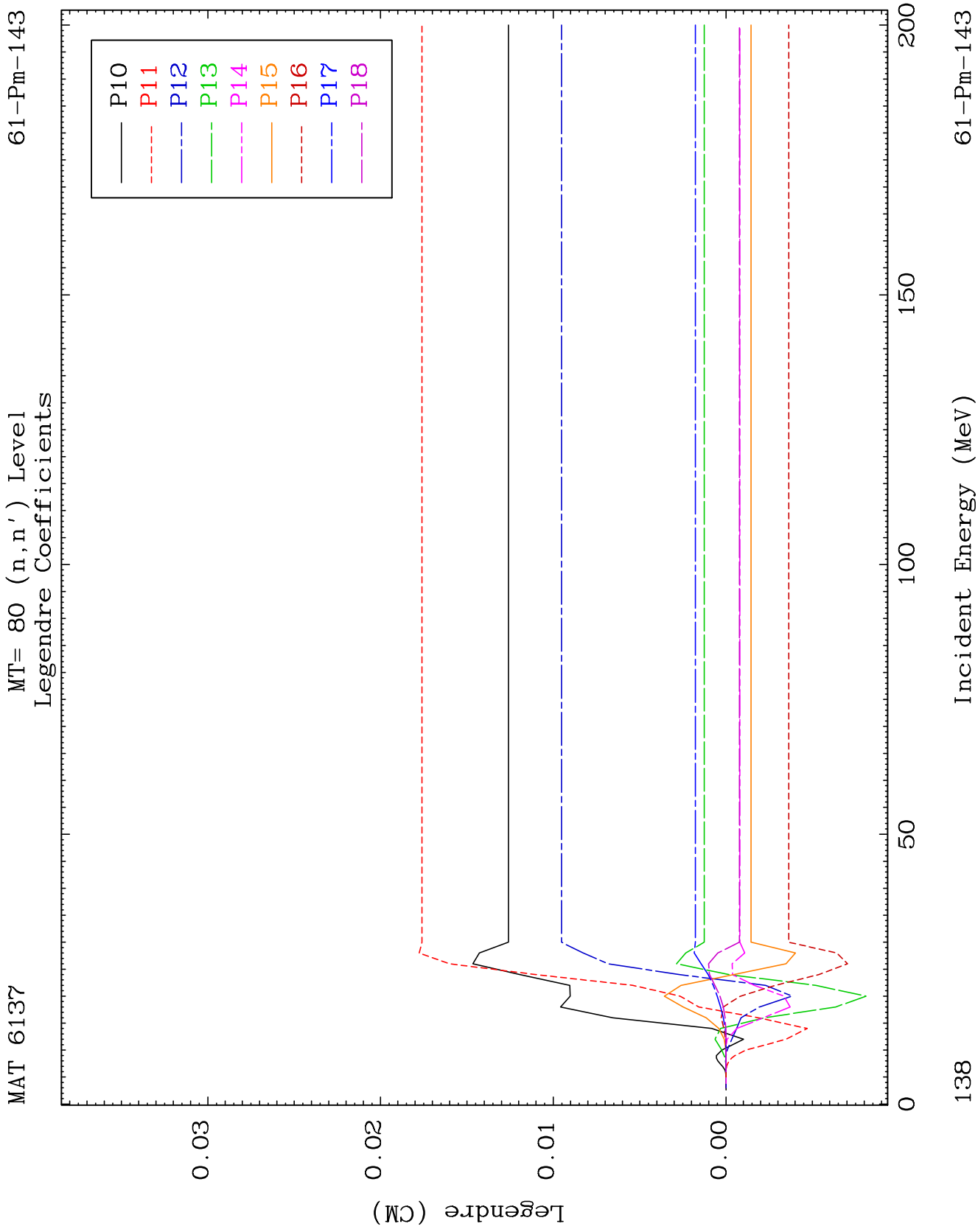


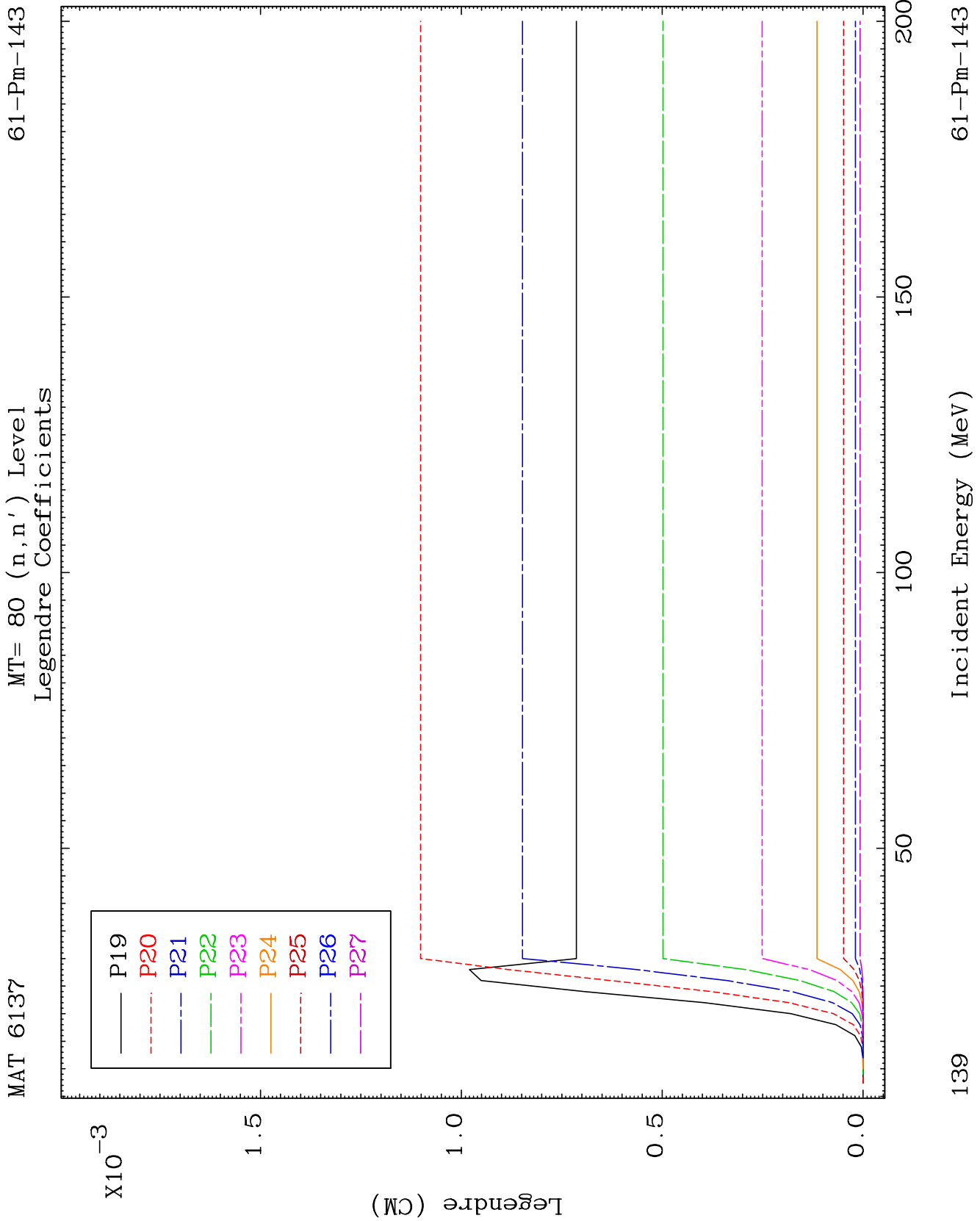


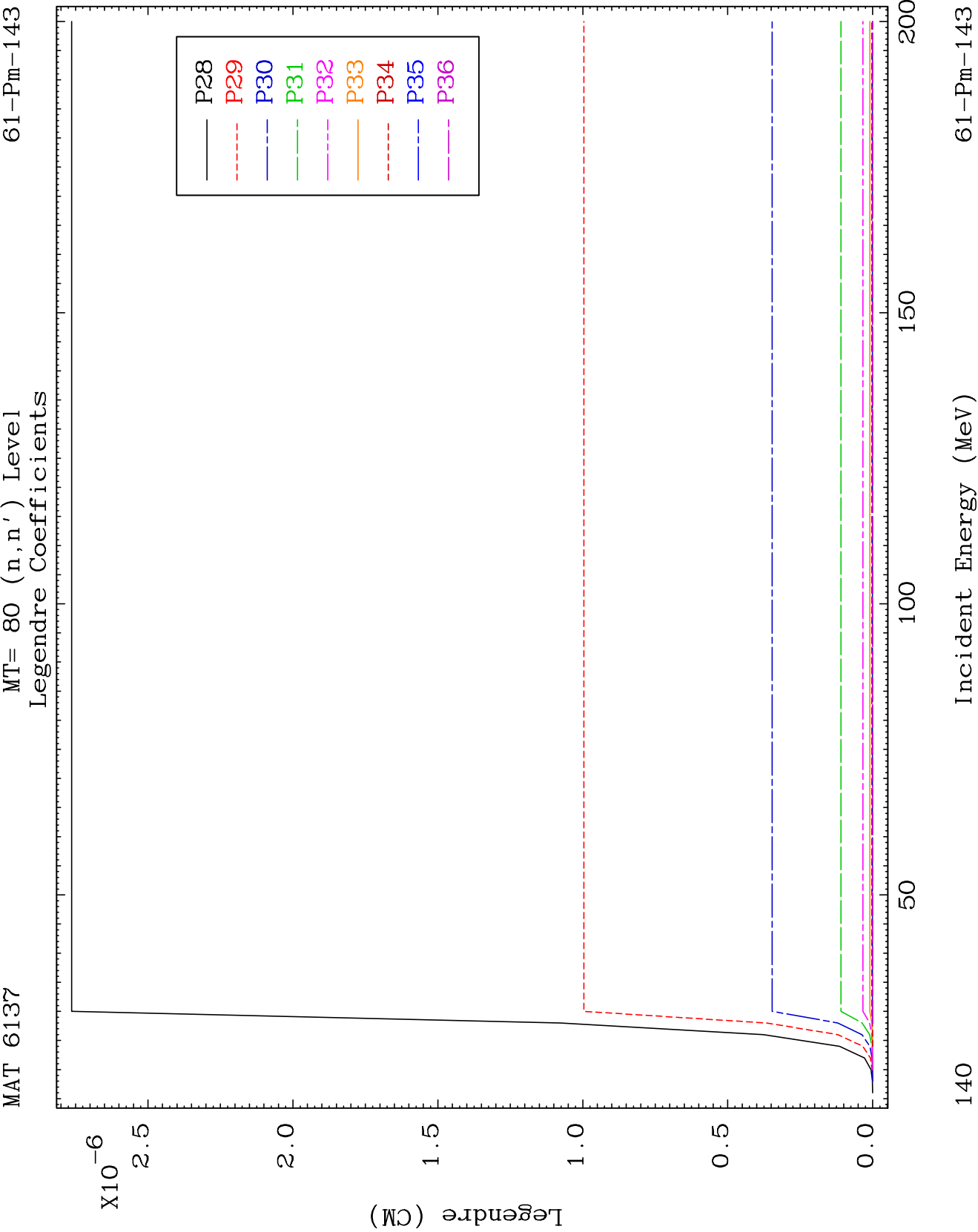


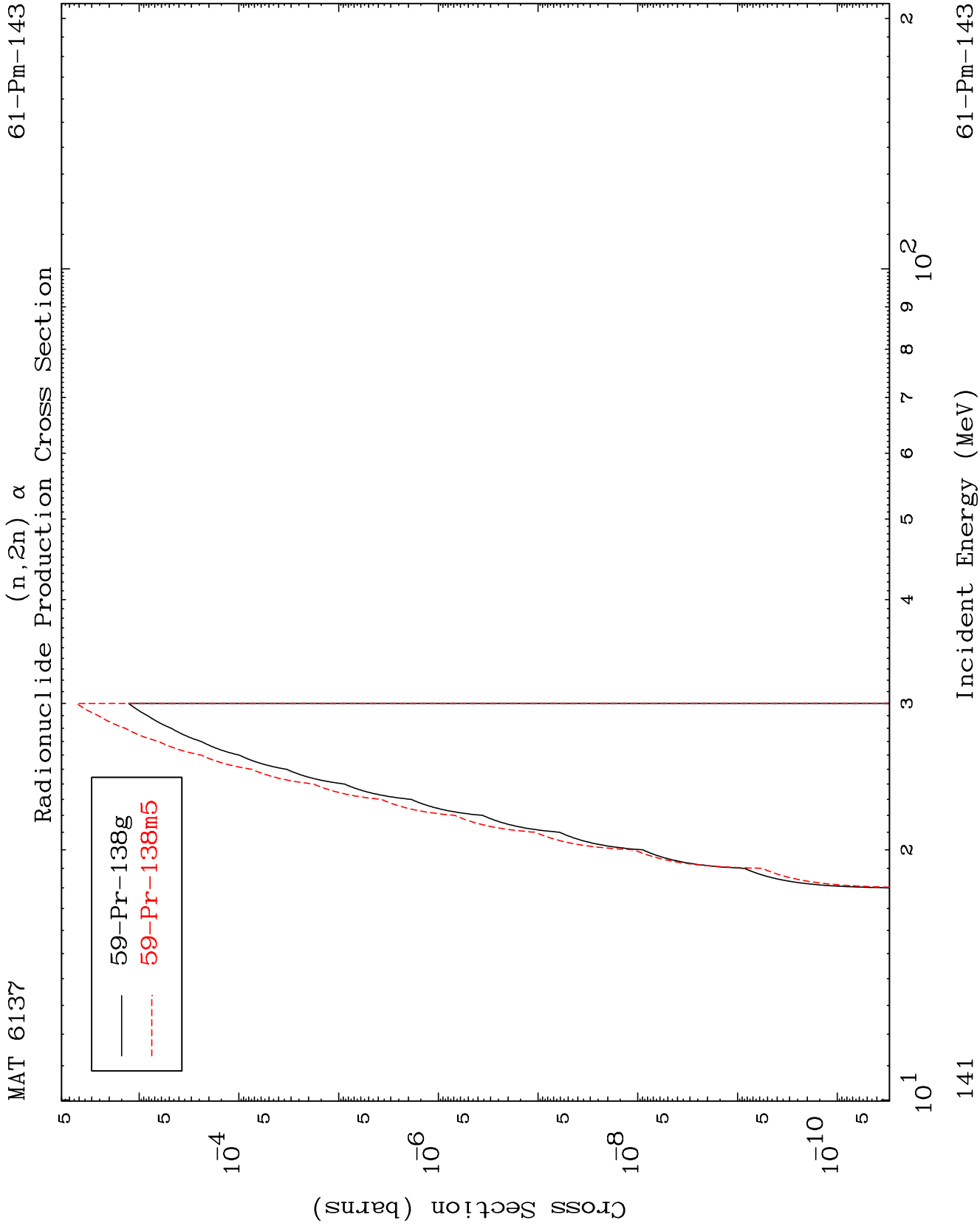


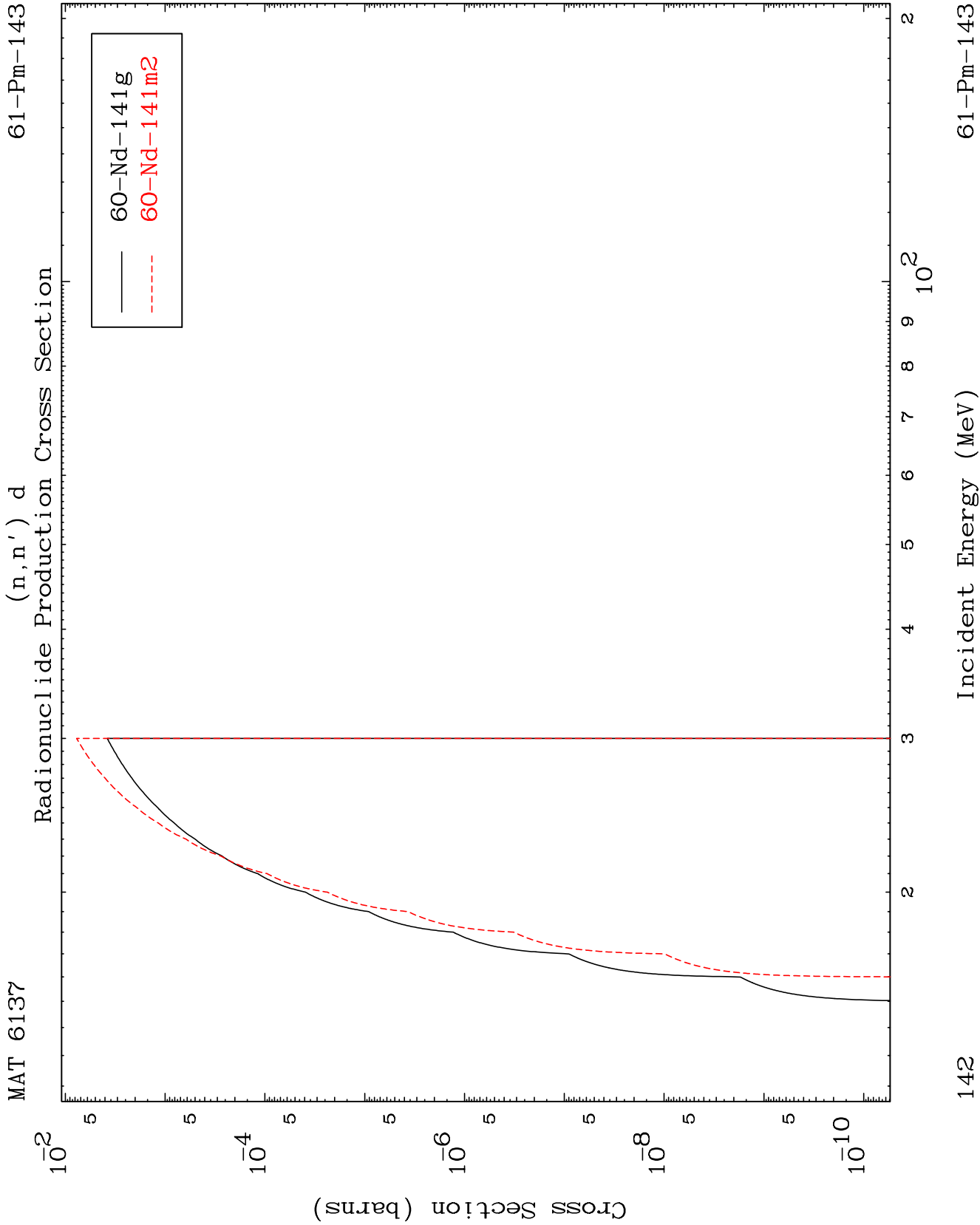


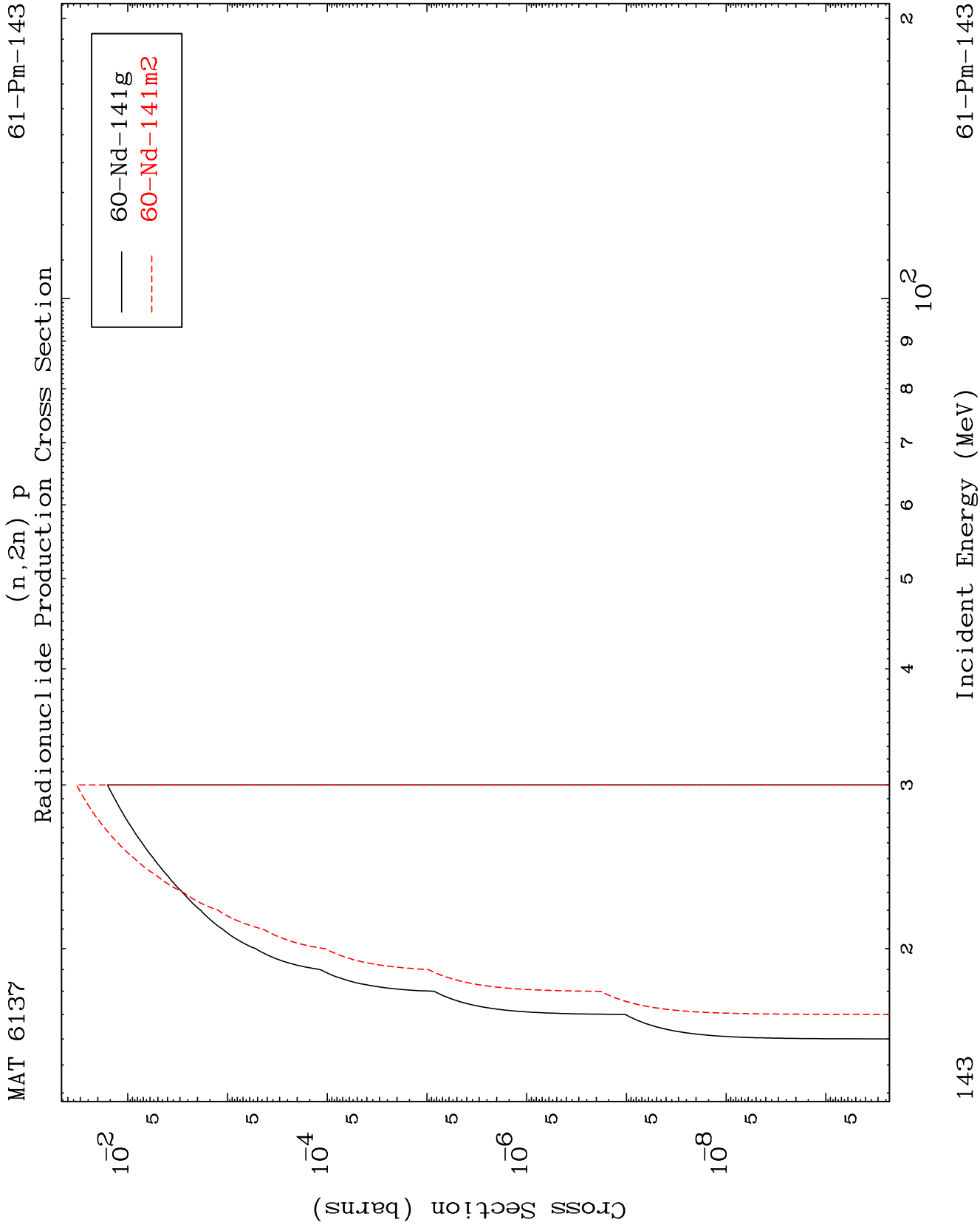








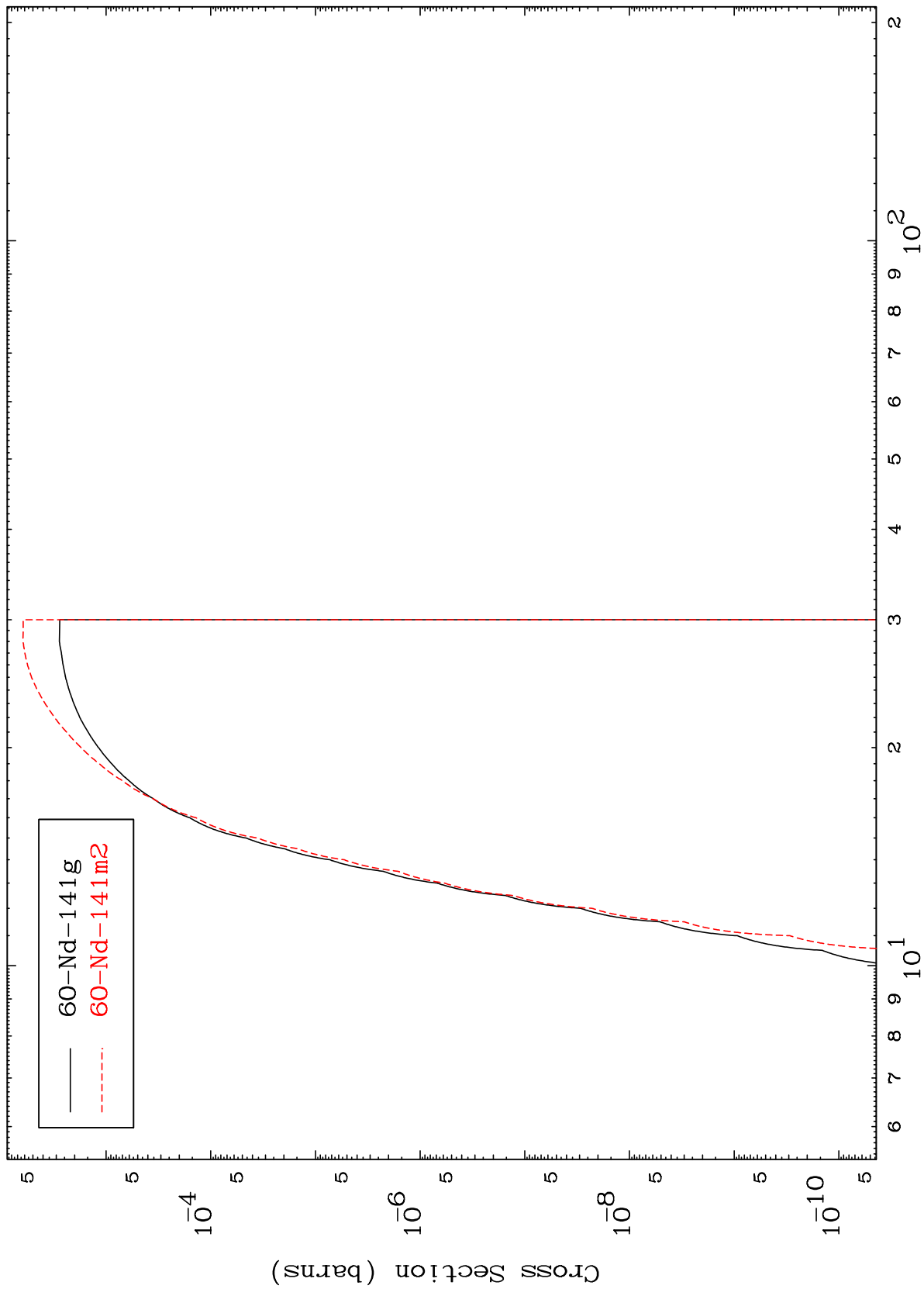




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(n,t)
Radionuclide Production Cross Section



144

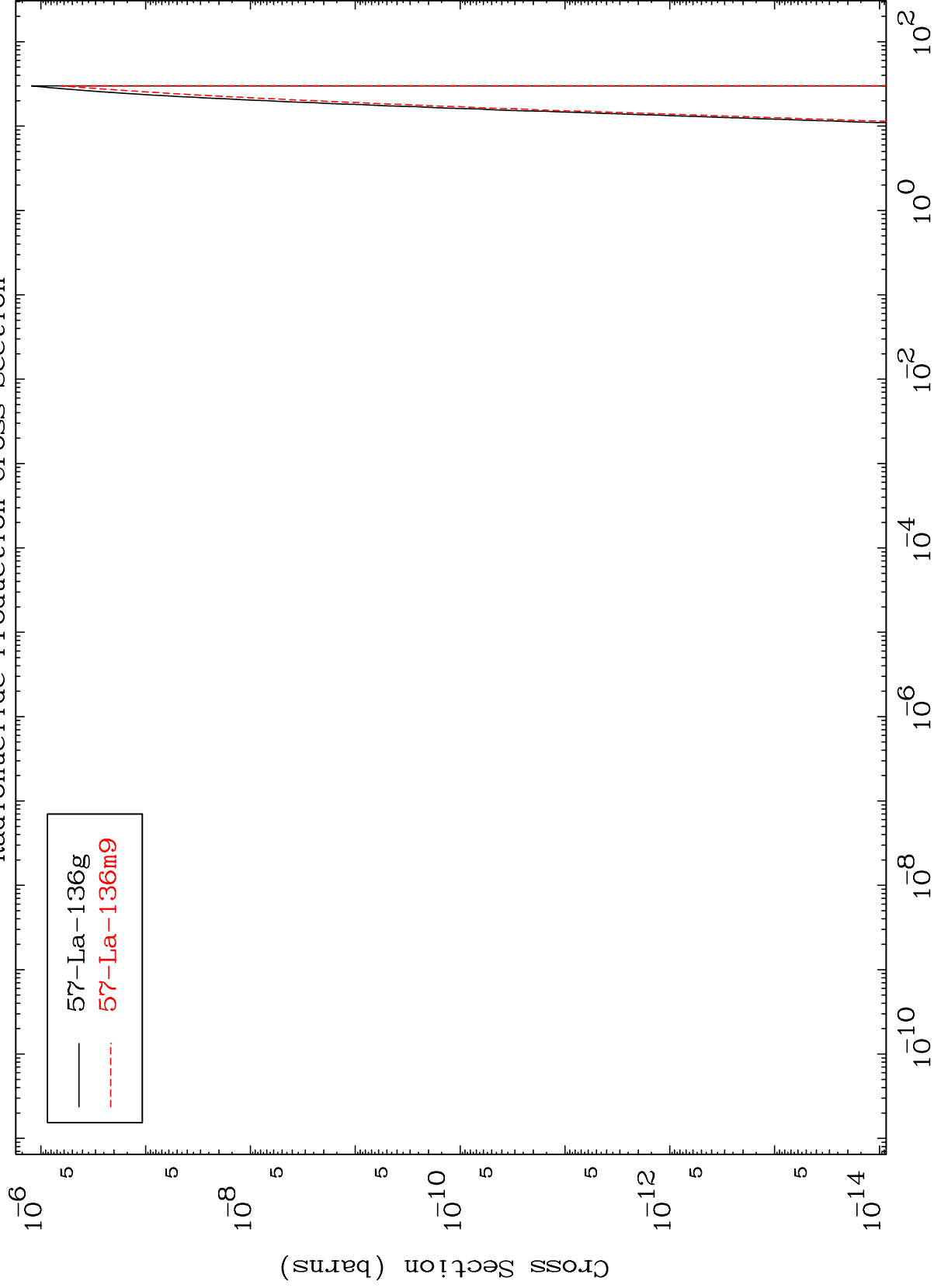
Incident Energy (MeV)

61-Pm-143

MAT 6137

61-Pm-143

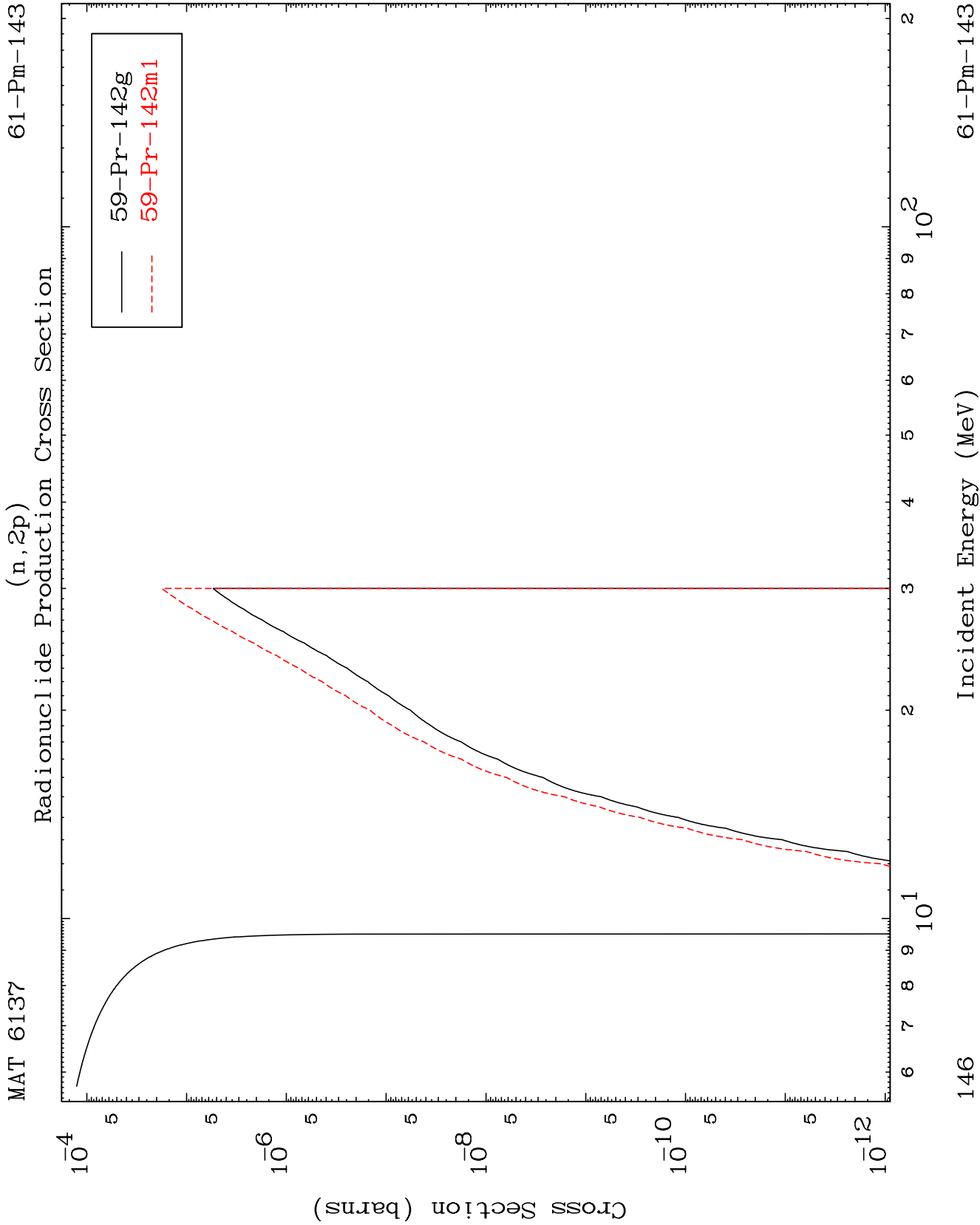
(n,2α)
Radionuclide Production Cross Section



61-Pm-143

Incident Energy (MeV)

145



Radionuclide Production Cross Section

