

Program EVALPLOT
(Version 2021-1)

by

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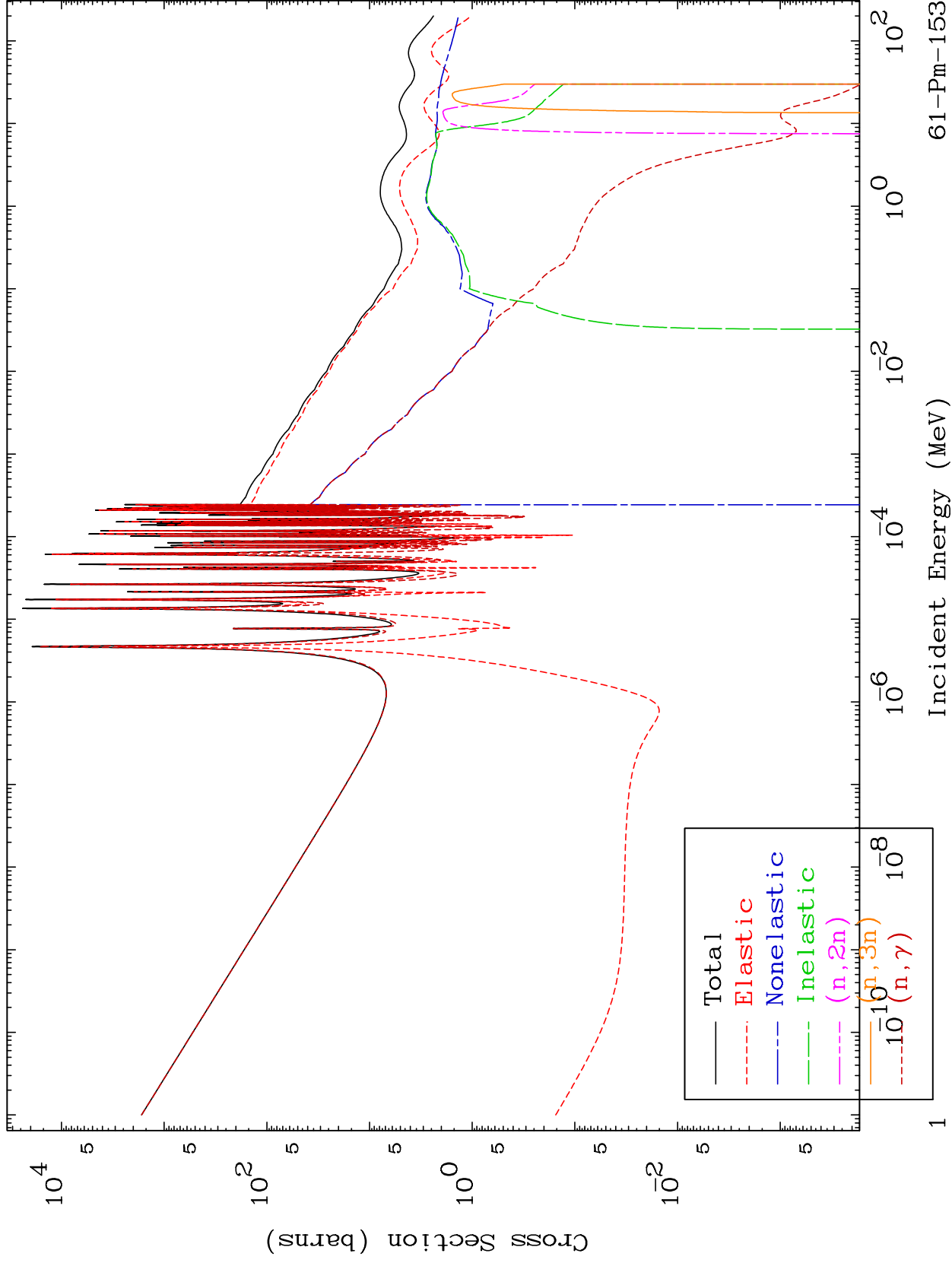
Press Mouse Button to Start

MAT 6167

Neutron Major

61-Pm-153

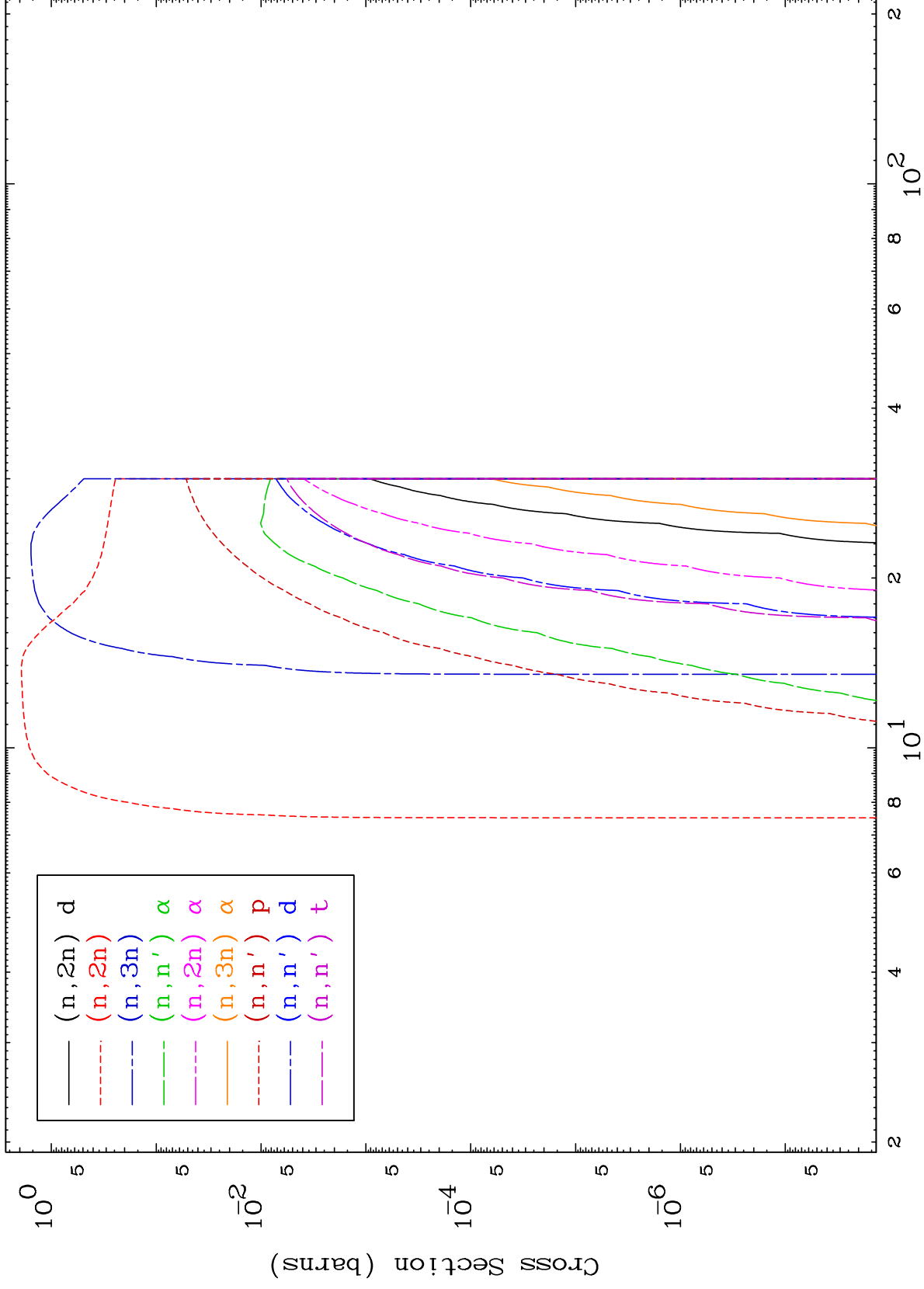
293 Kelvin Cross Sections



MAT 6167

Neutron Absorption
293 Kelvin Cross Sections

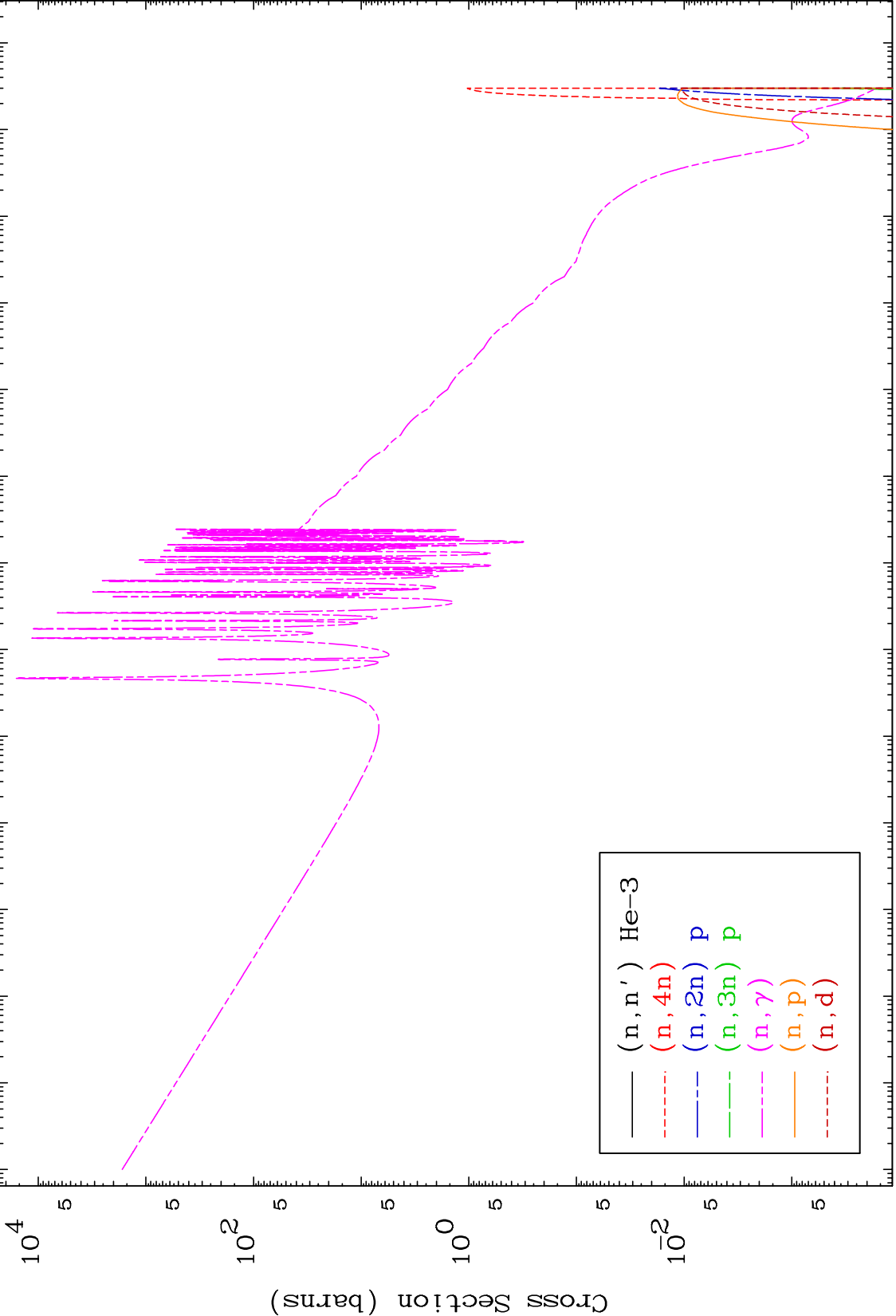
61-Pm-153

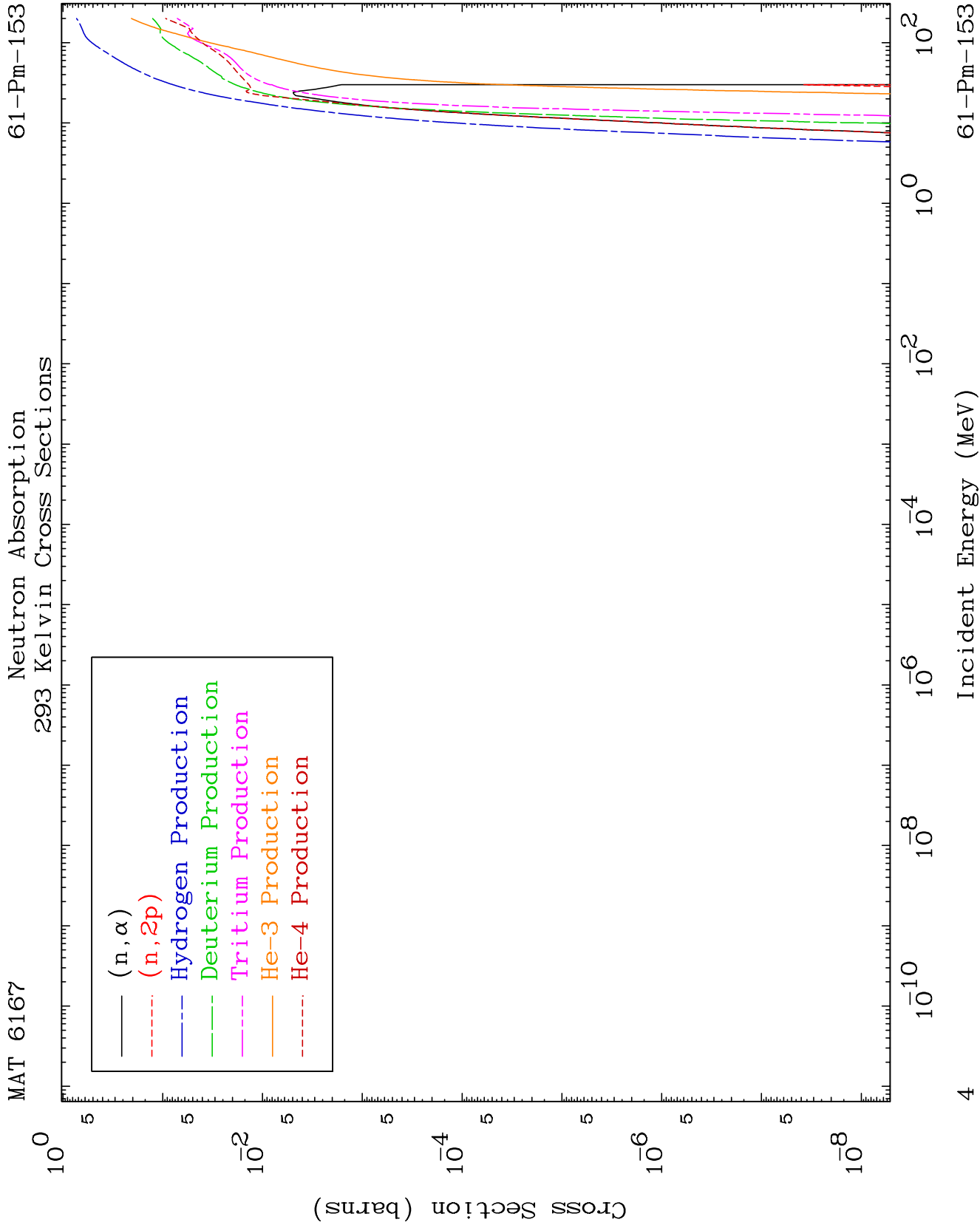


2

Incident Energy (MeV)

61-Pm-153

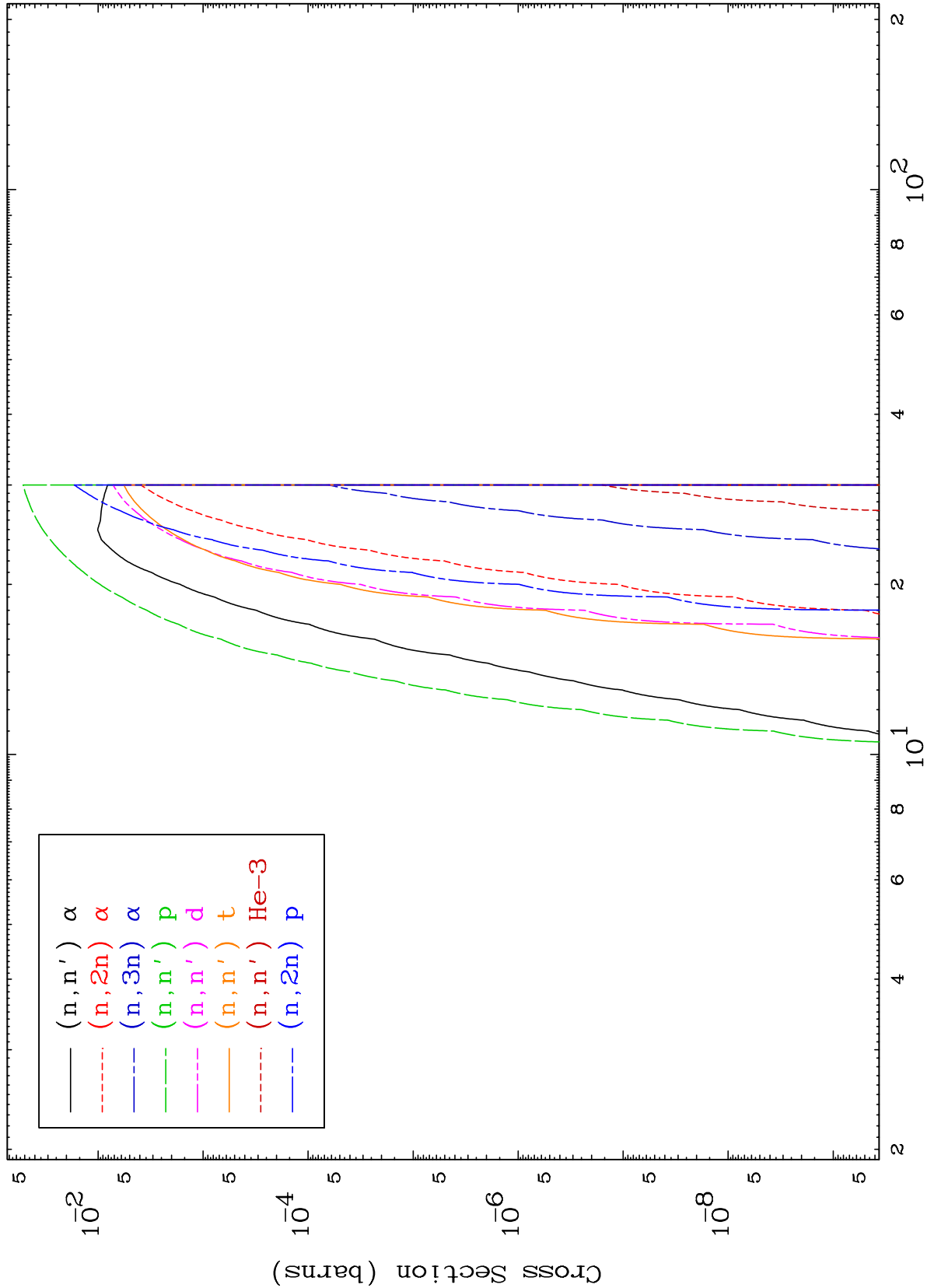




MAT 6167

Charged Particle
293 Kelvin Cross Sections

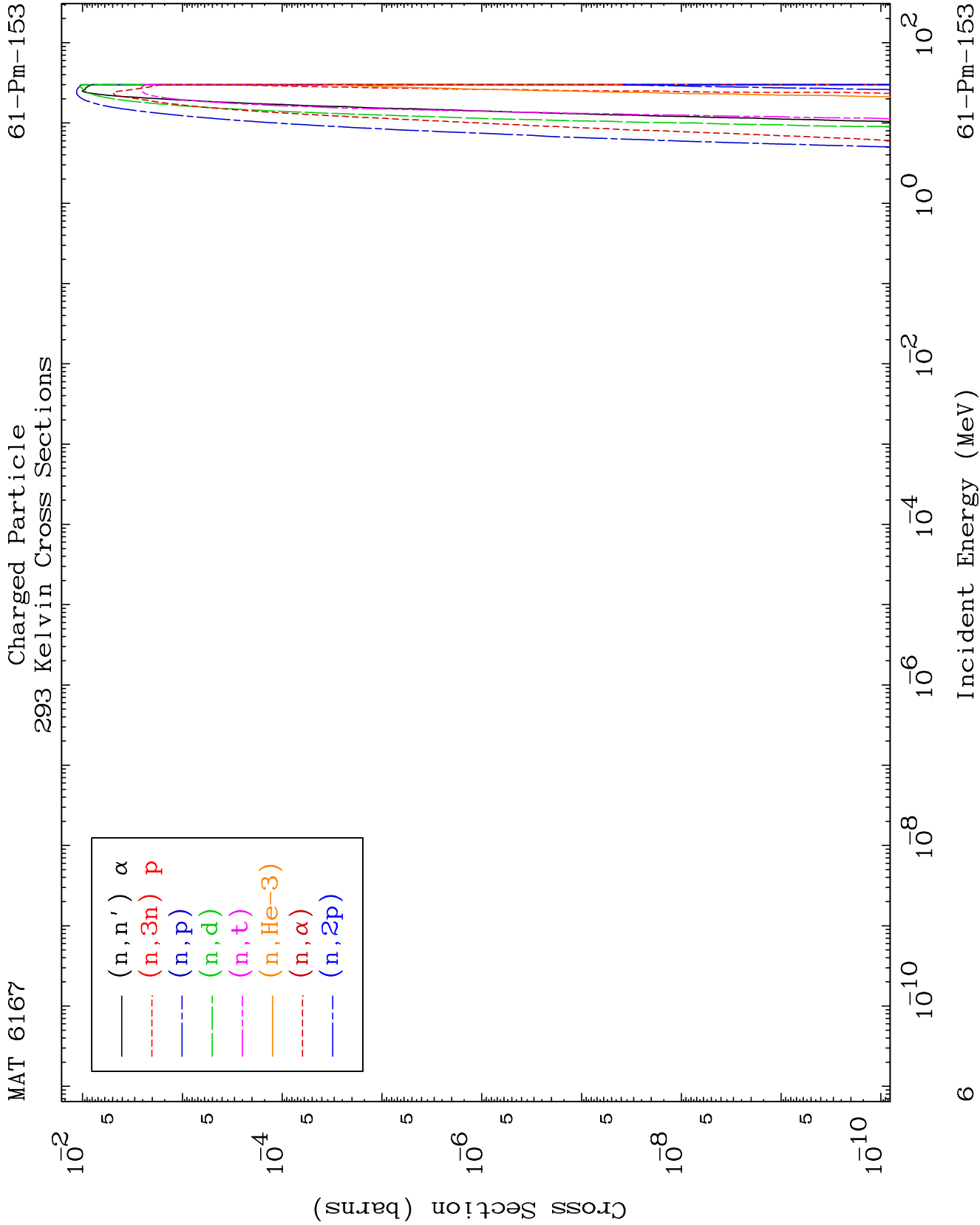
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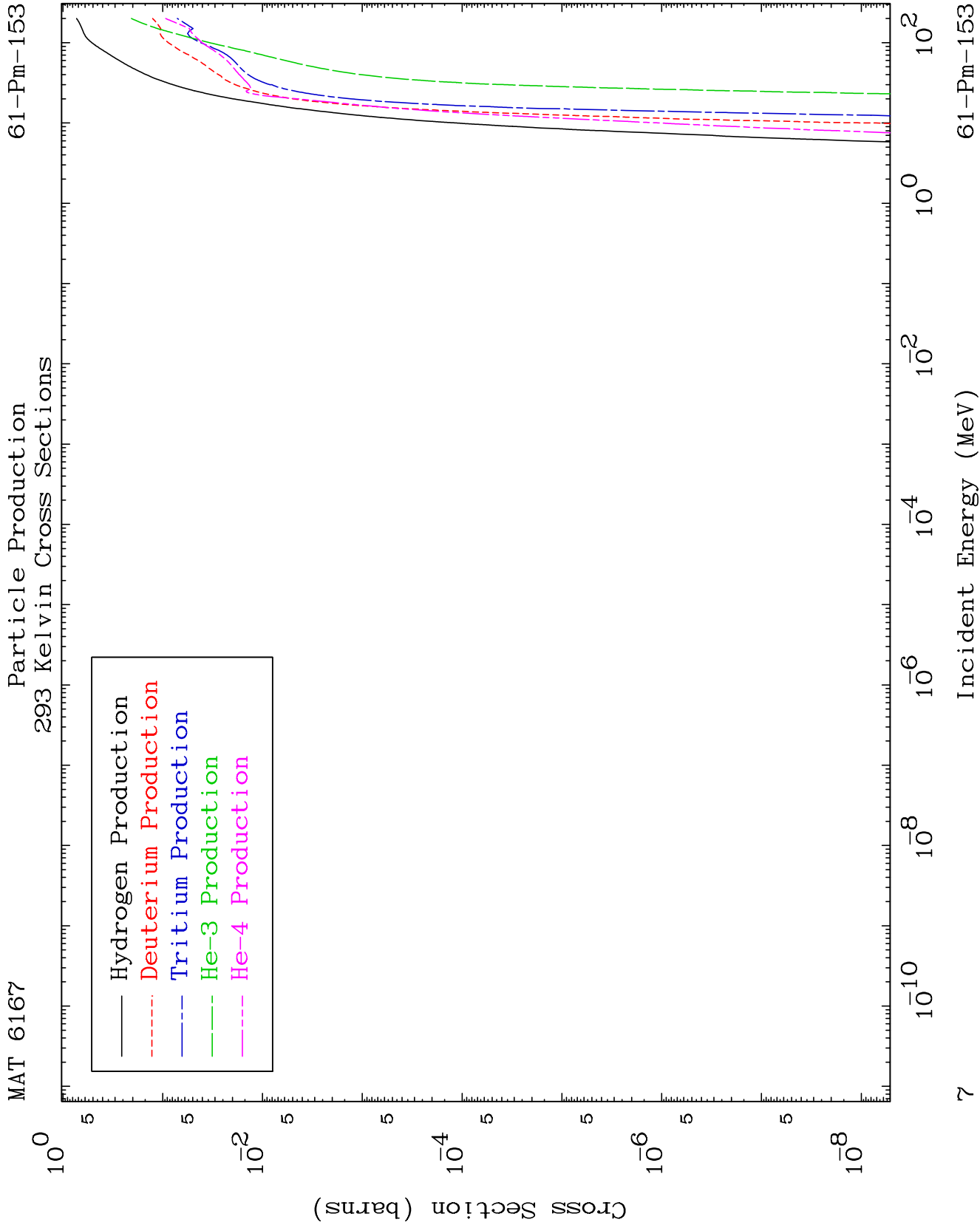


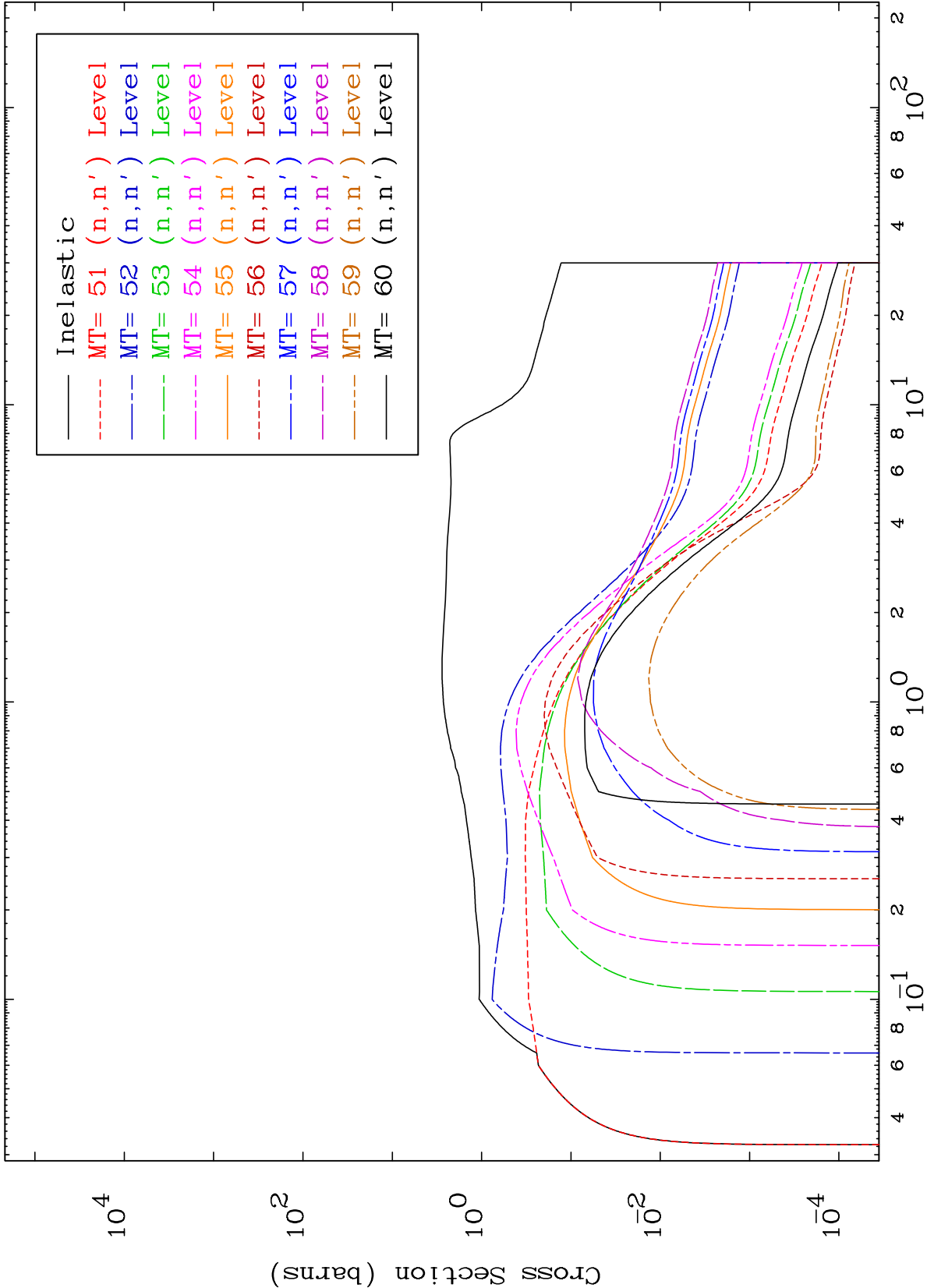
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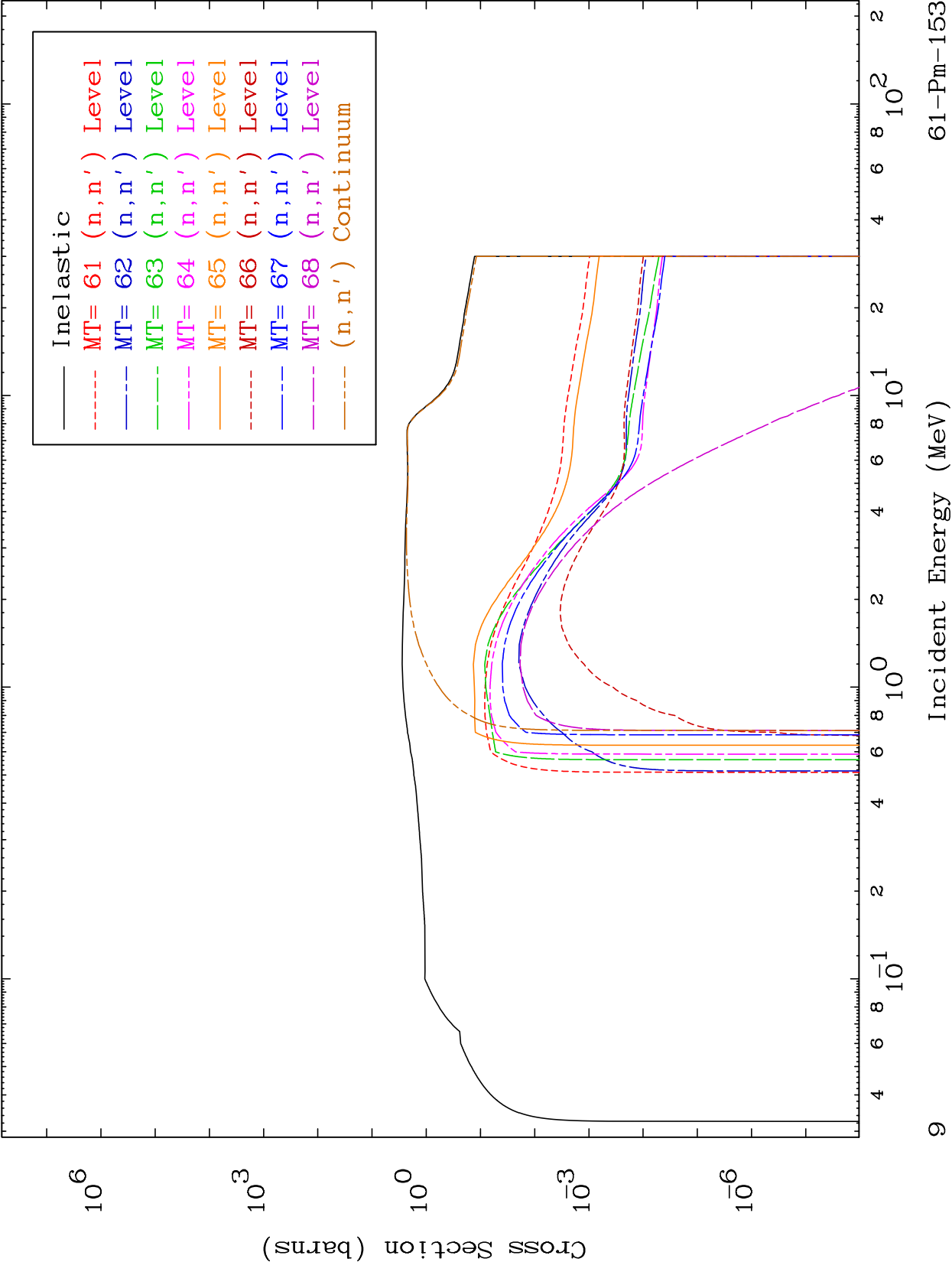
Incident Energy (MeV)

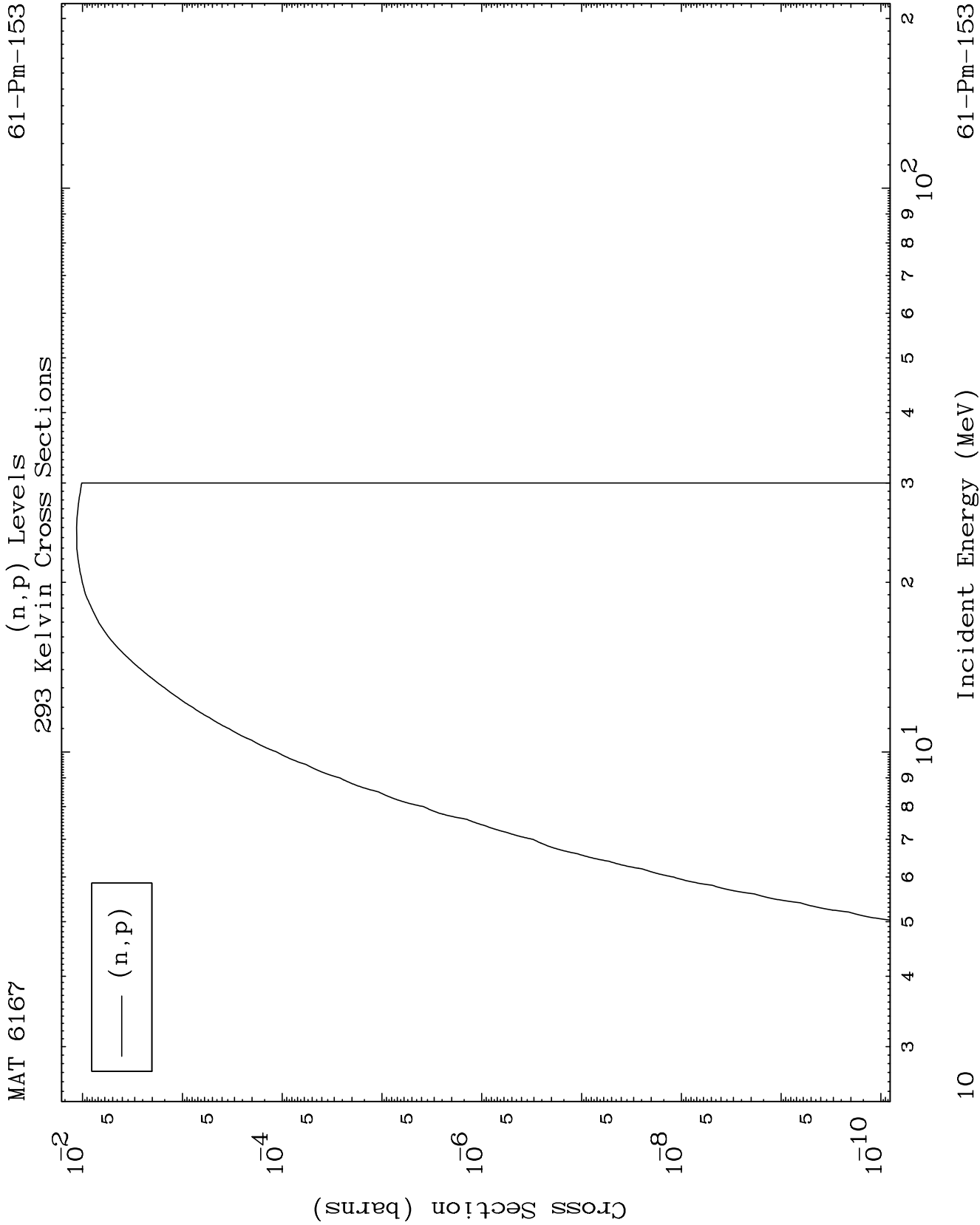
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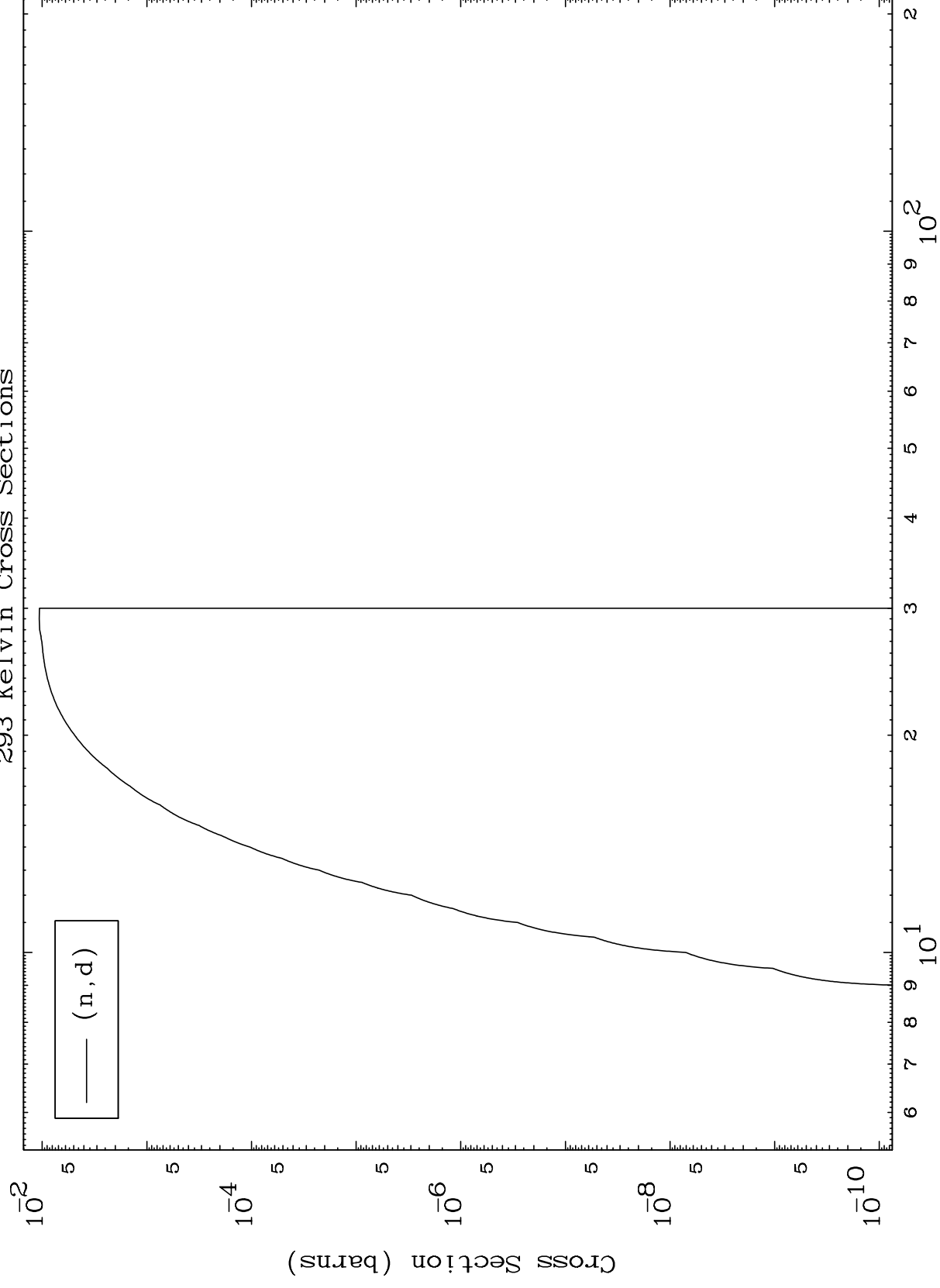




MAT 6167

61-Pm-153

(n,d) Levels
293 Kelvin Cross Sections

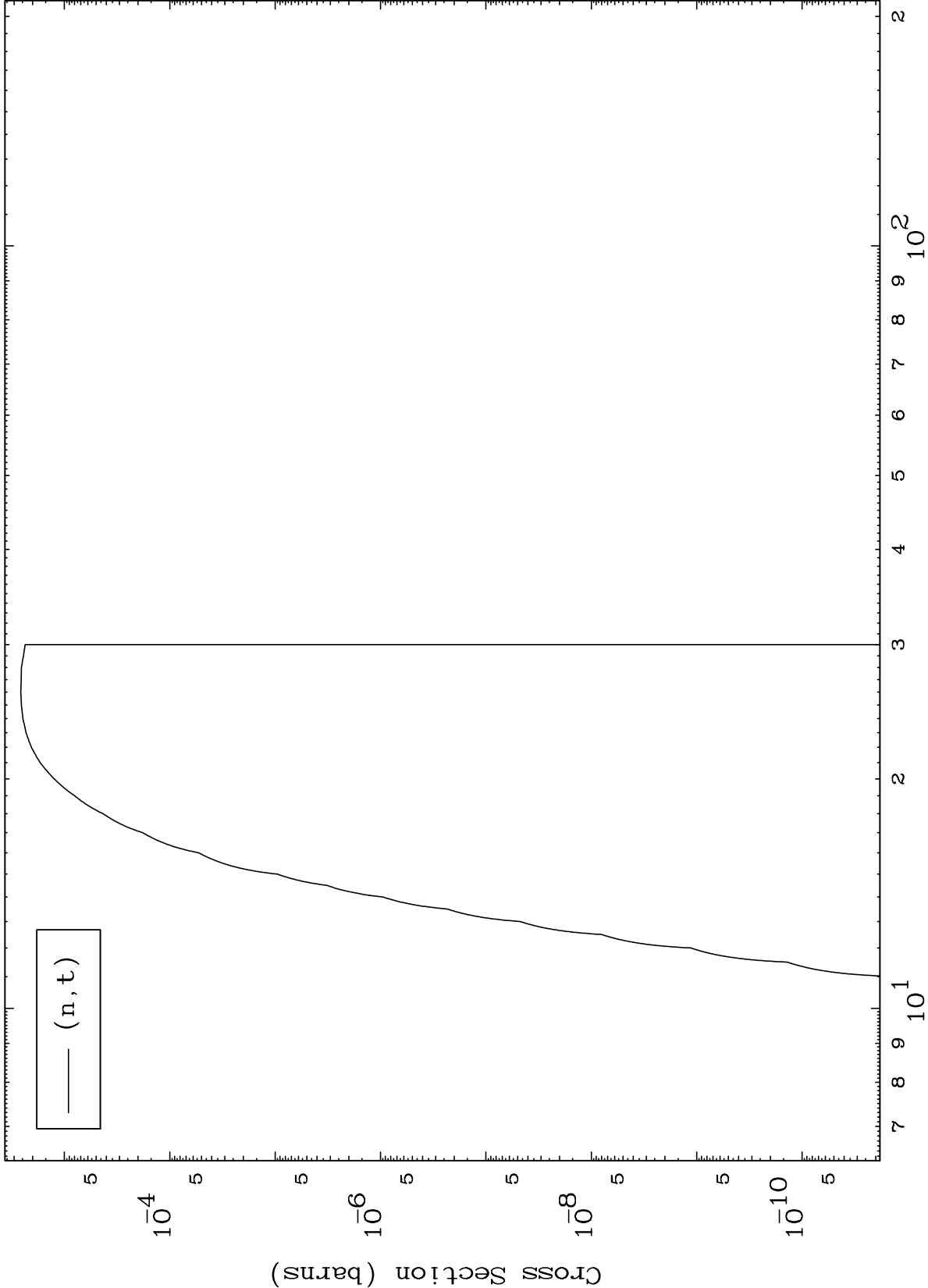


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Incident Energy (MeV)

61-Pm-153

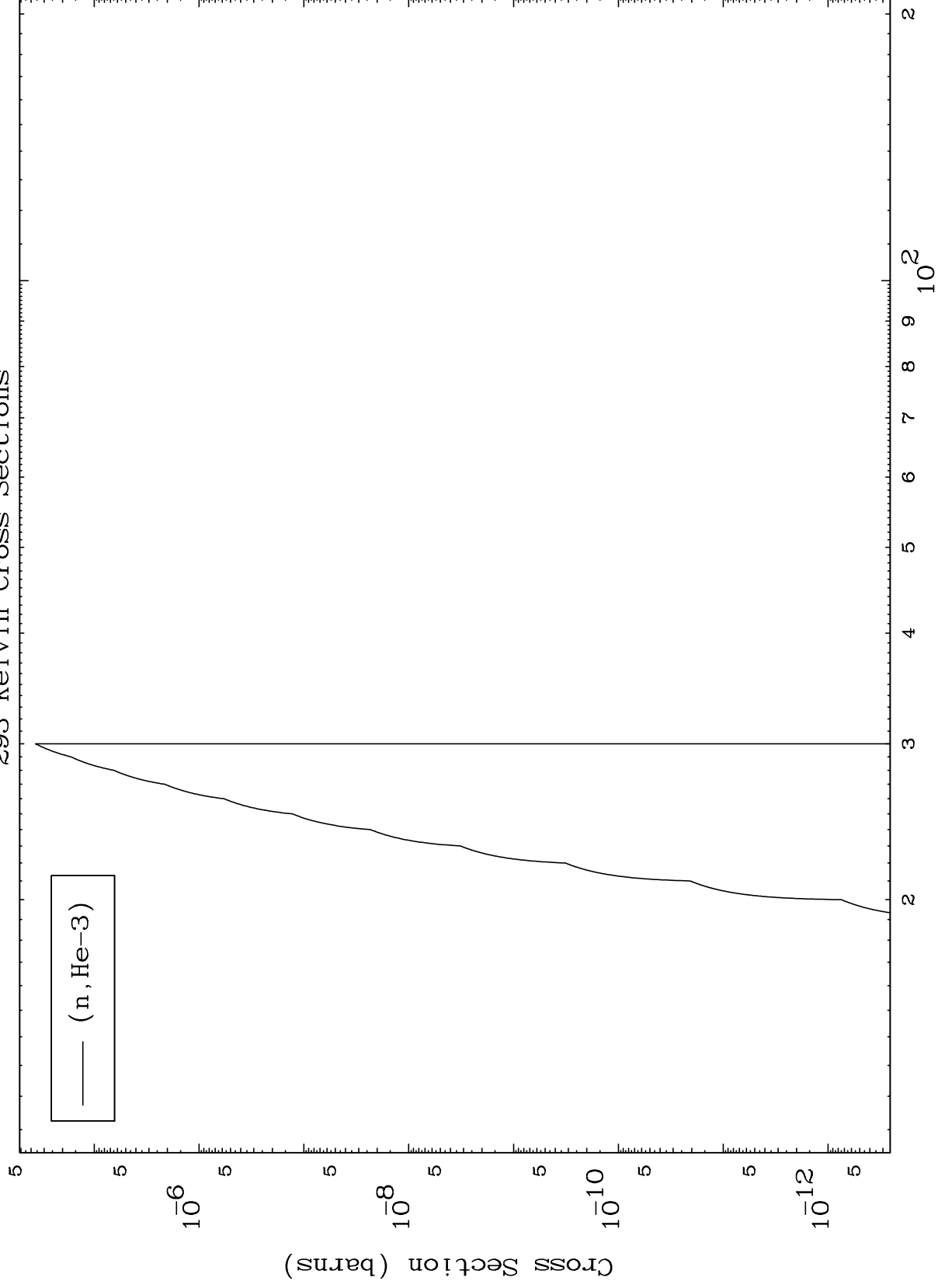
(n,t) Levels
293 Kelvin Cross Sections



MAT 6167

61-Pm-153

(n,He3) Levels
293 Kelvin Cross Sections



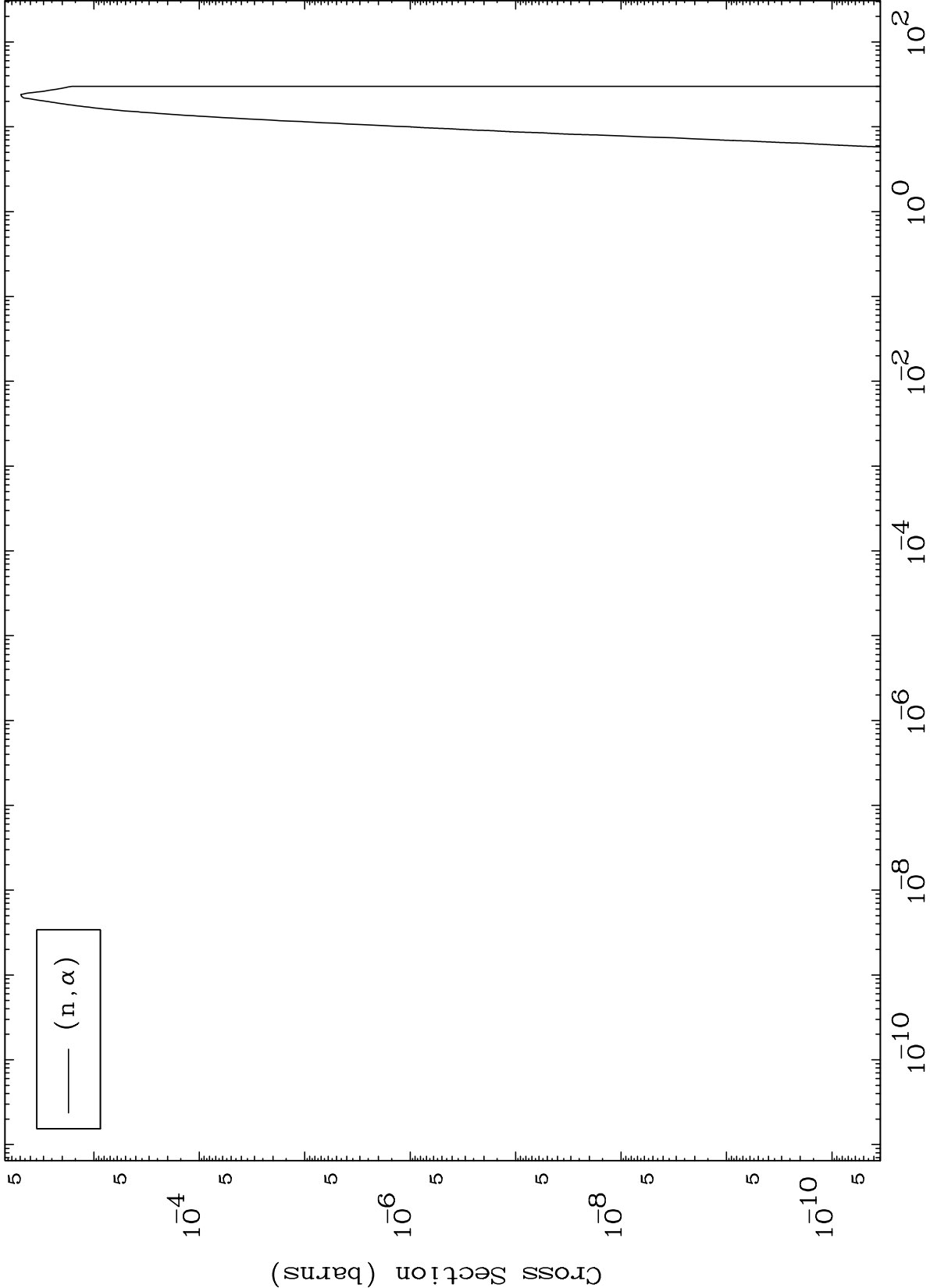
13

61-Pm-153

MAT 6167

(n, α) Levels
293 Kelvin Cross Sections

61-Pm-153



14

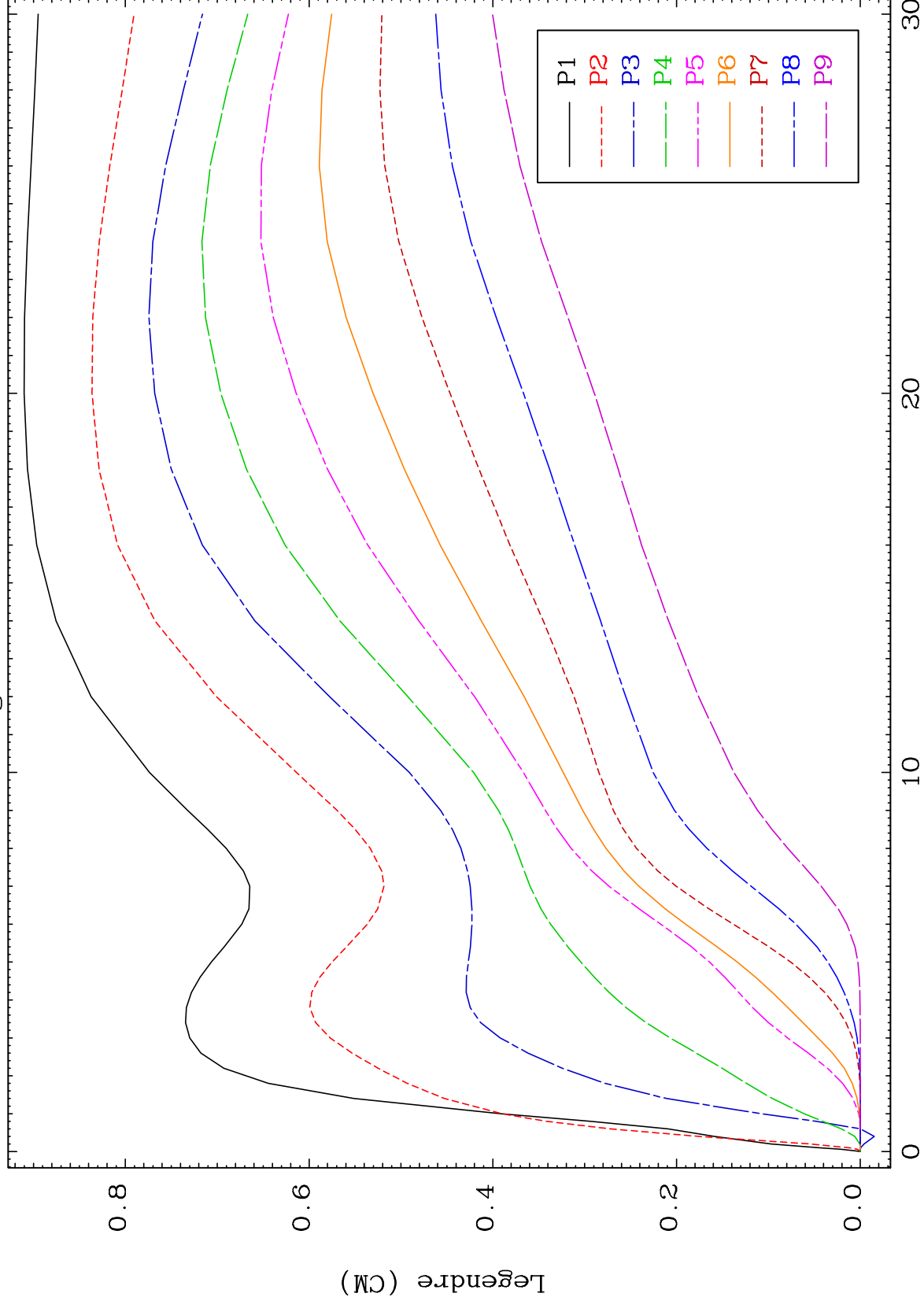
Incident Energy (MeV)

61-Pm-153

MAT 6167

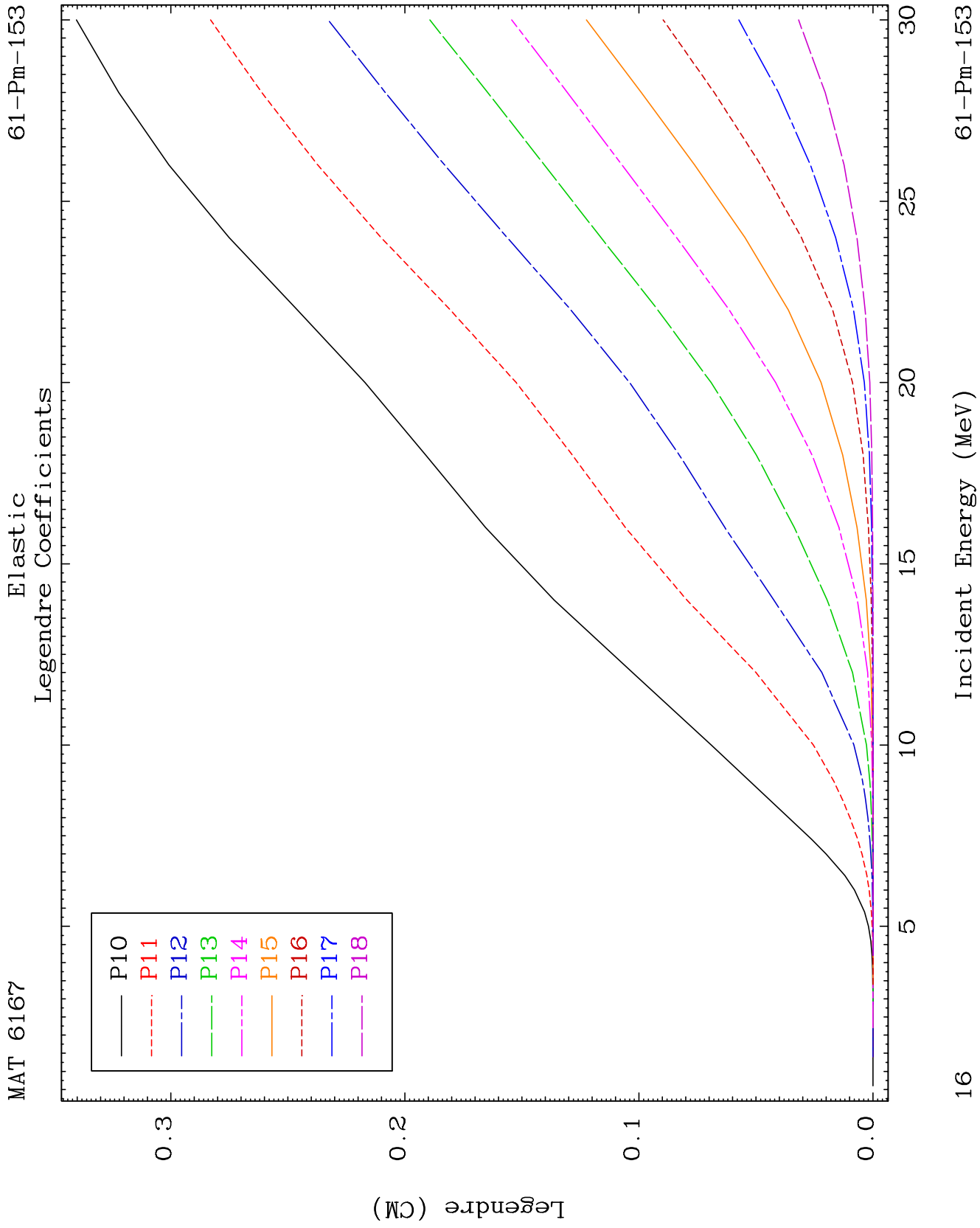
61-Pm-153

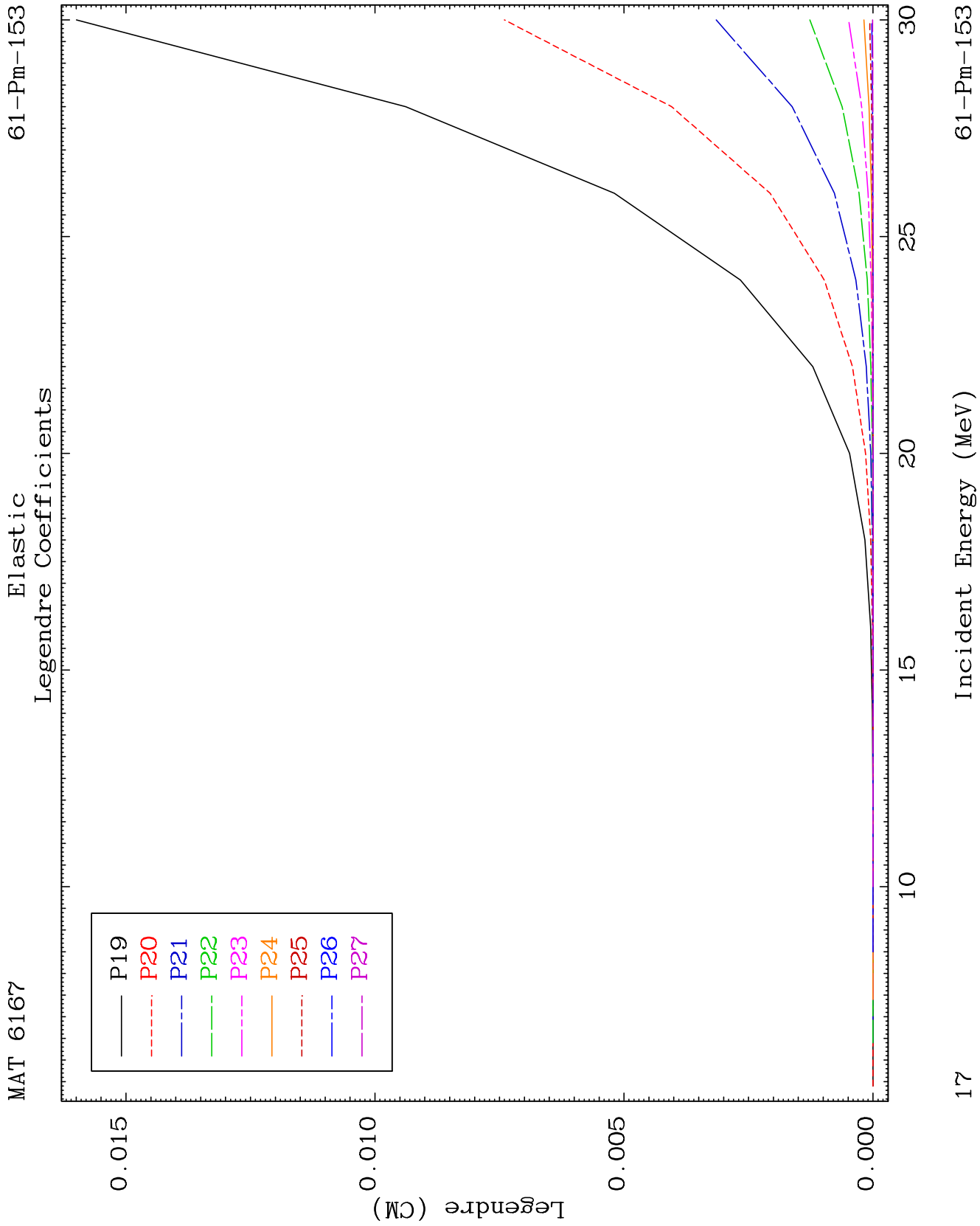
Elastic Legendre Coefficients

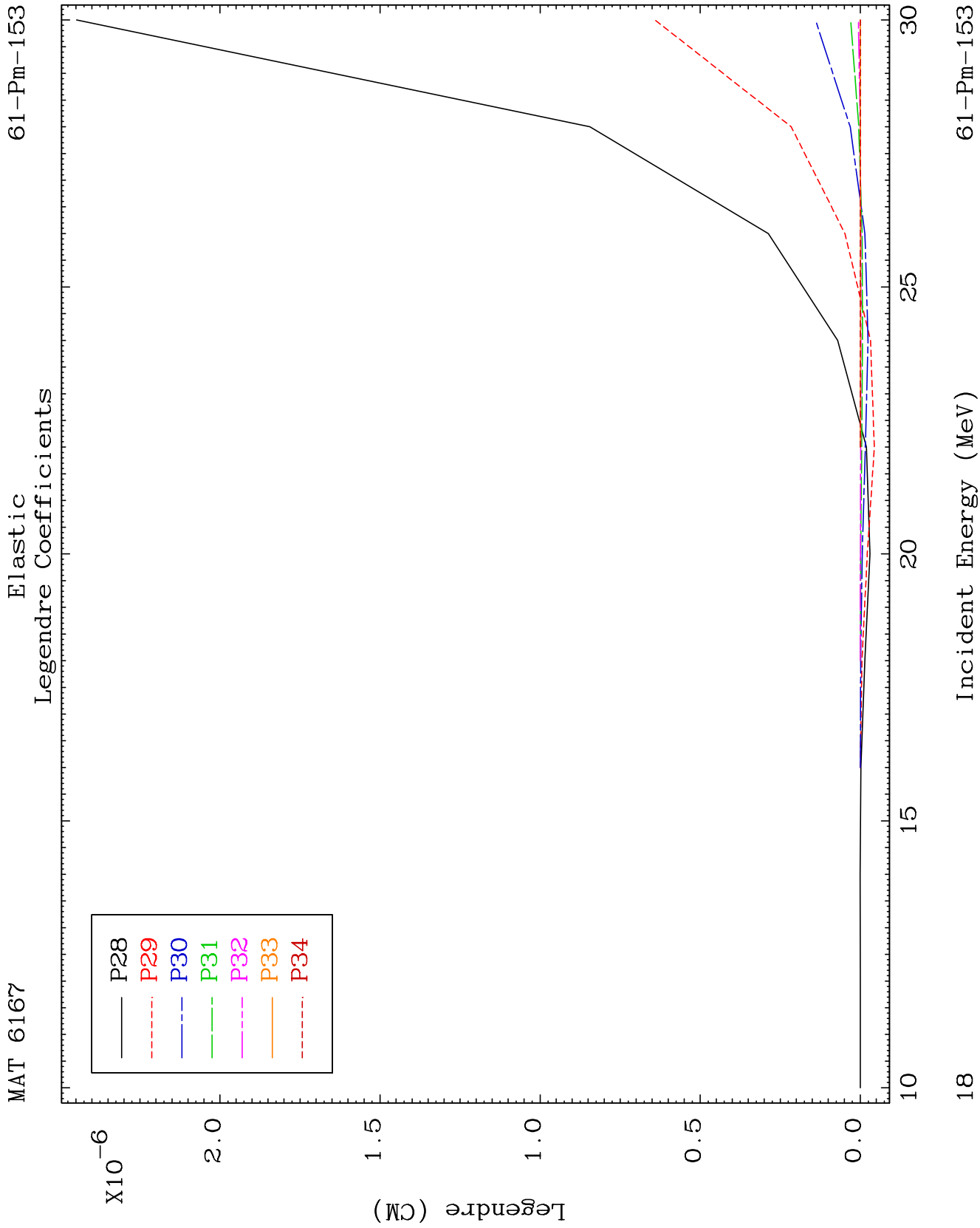


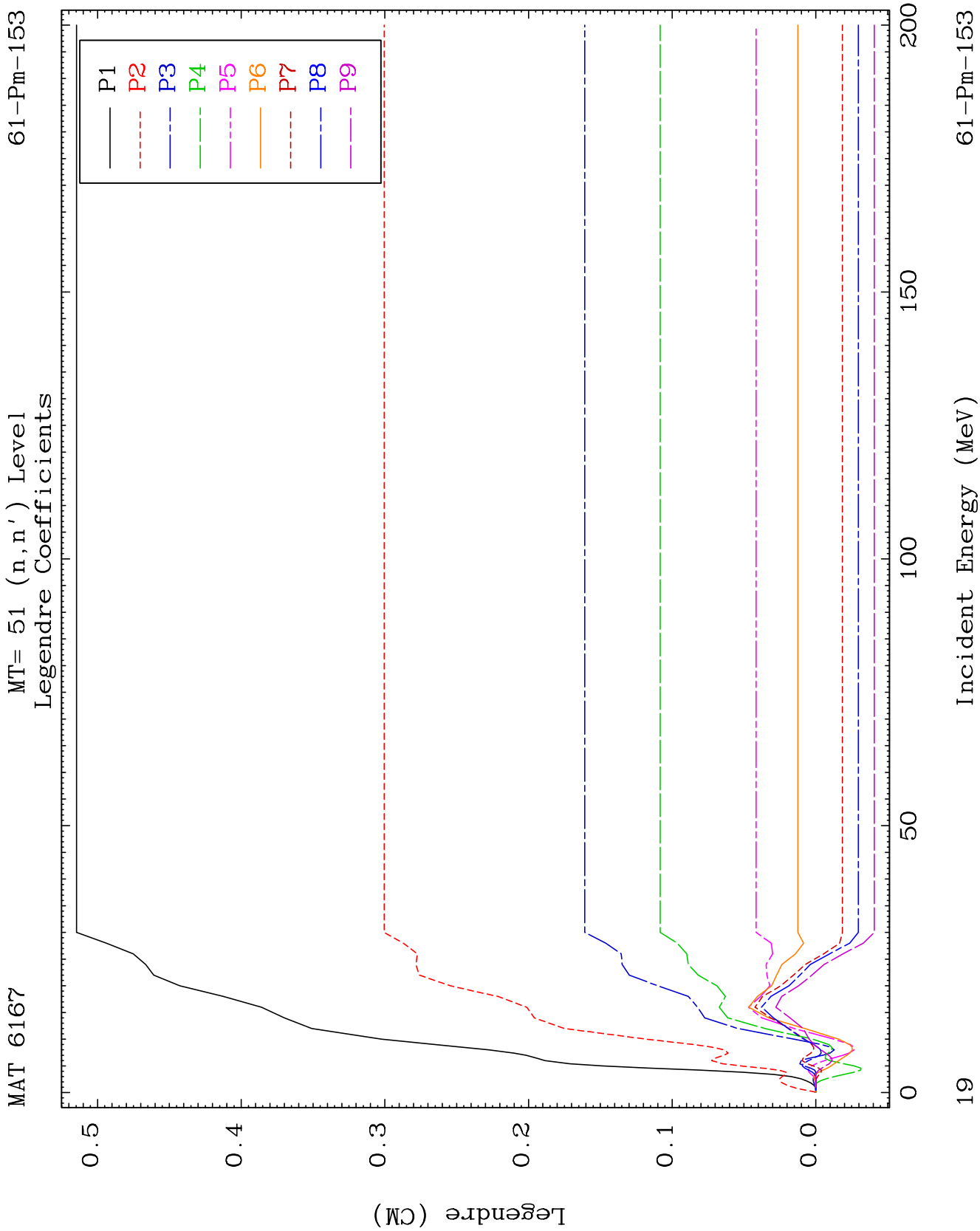
61-Pm-153

Incident Energy (MeV)





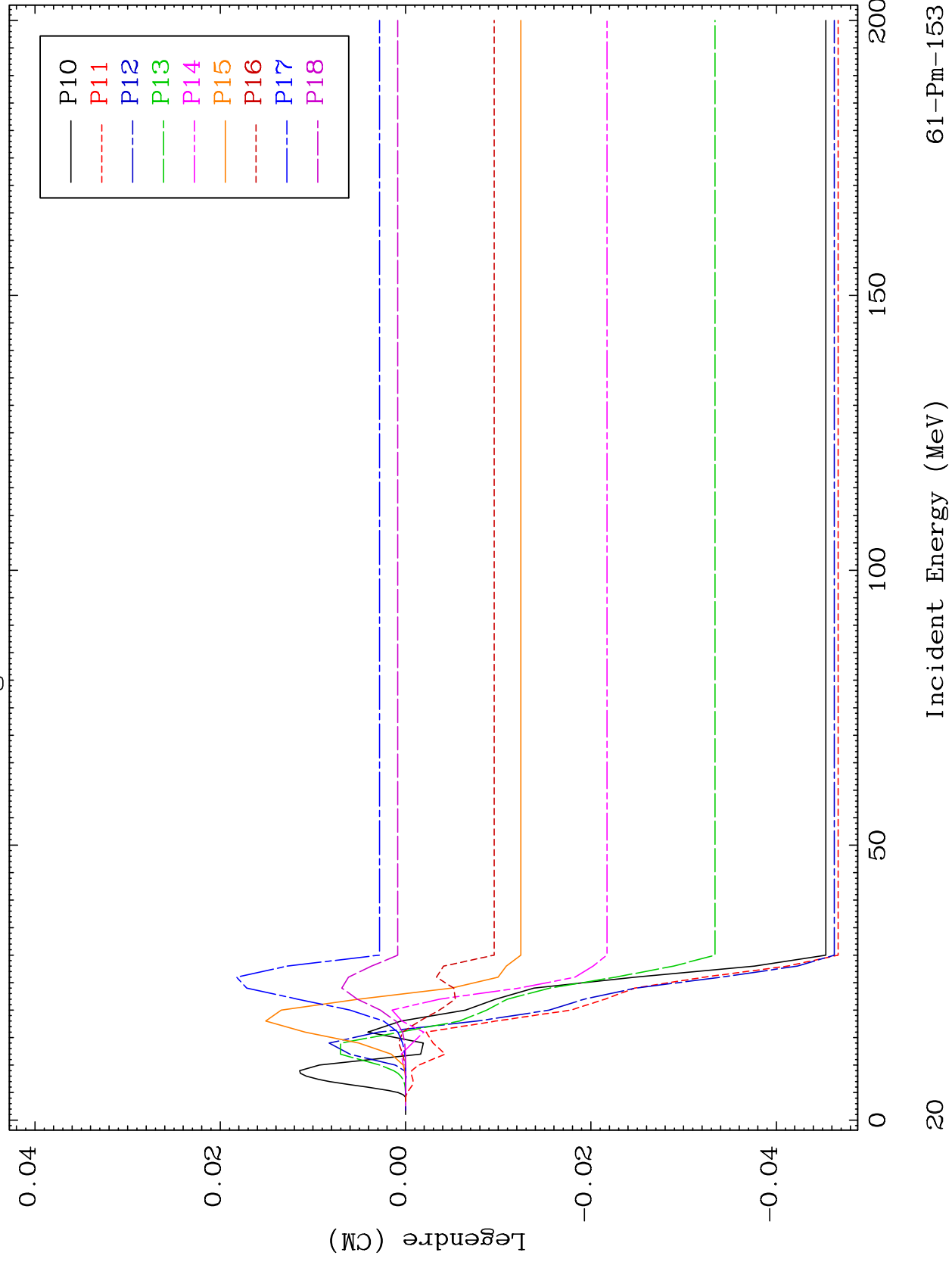




MAT 6167

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

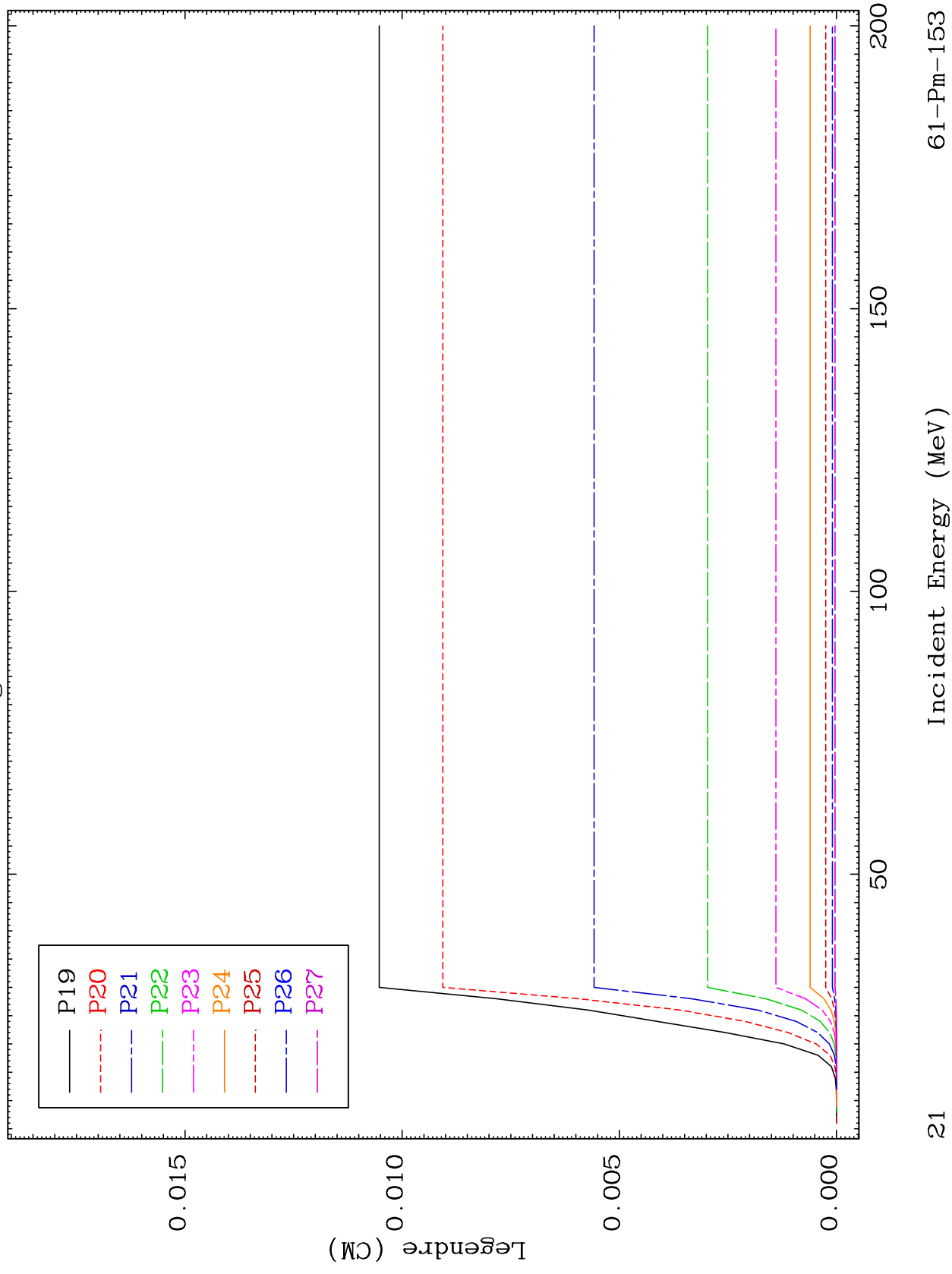
61-Pm-153

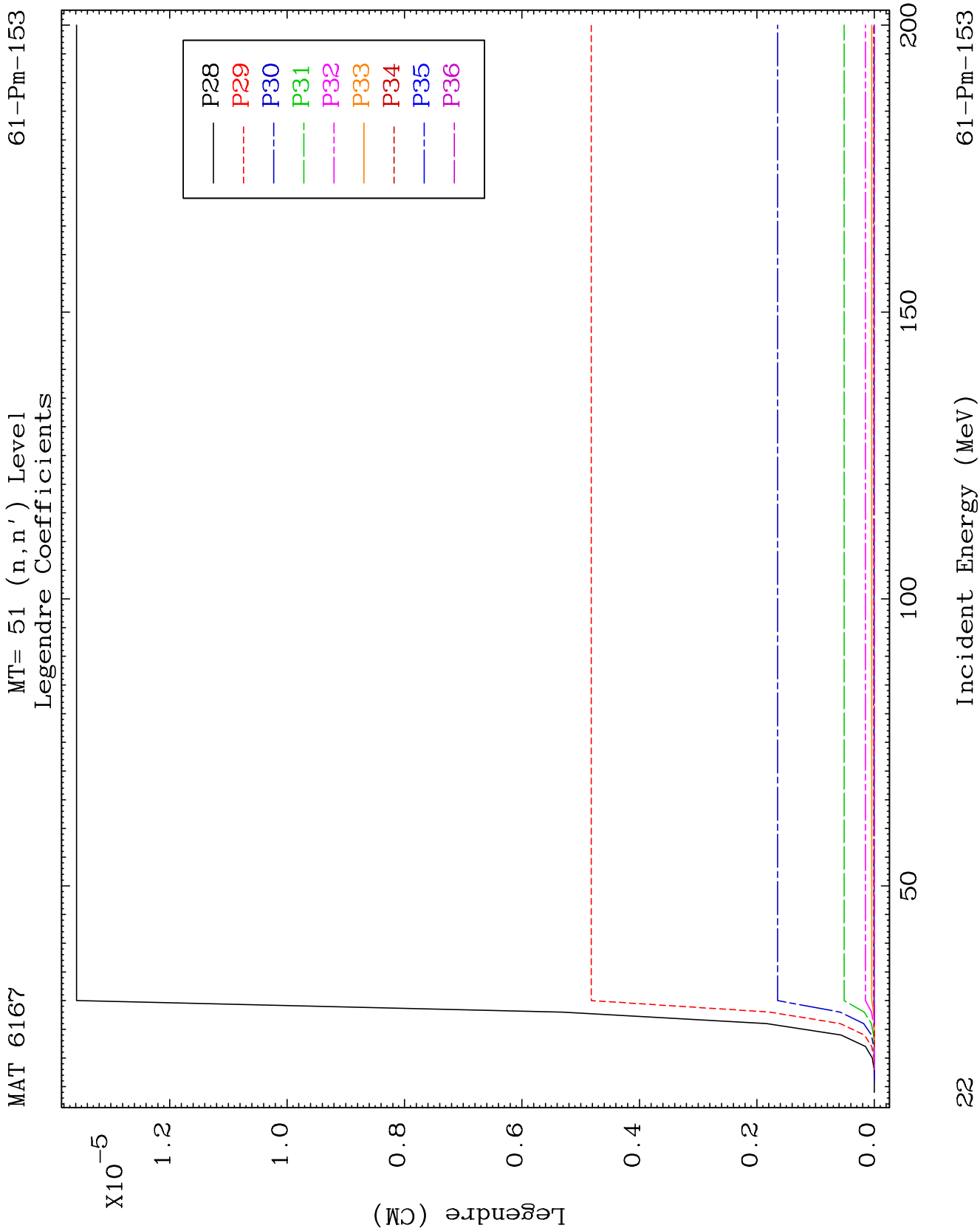


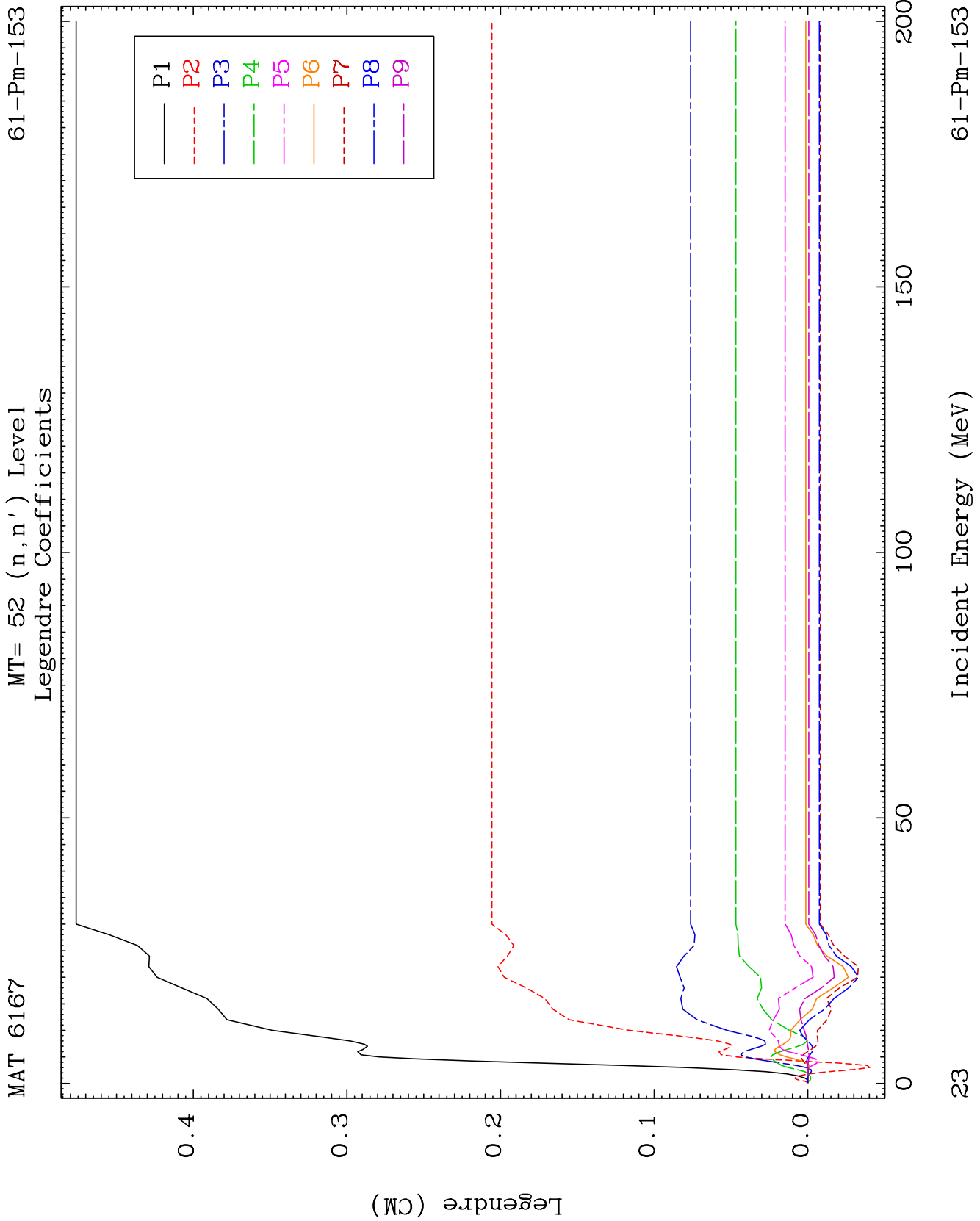
MAT 6167

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

61-Pm-153



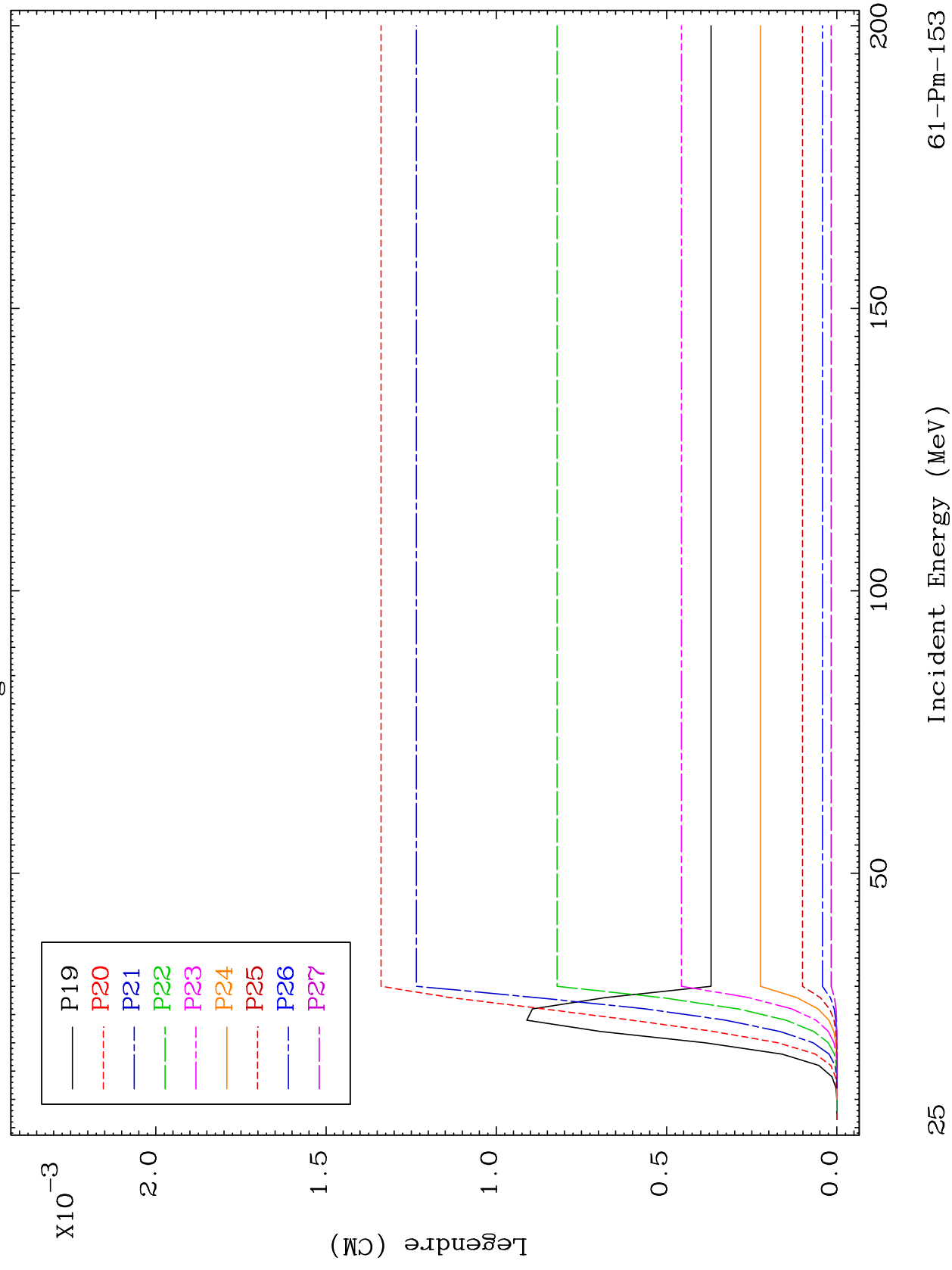


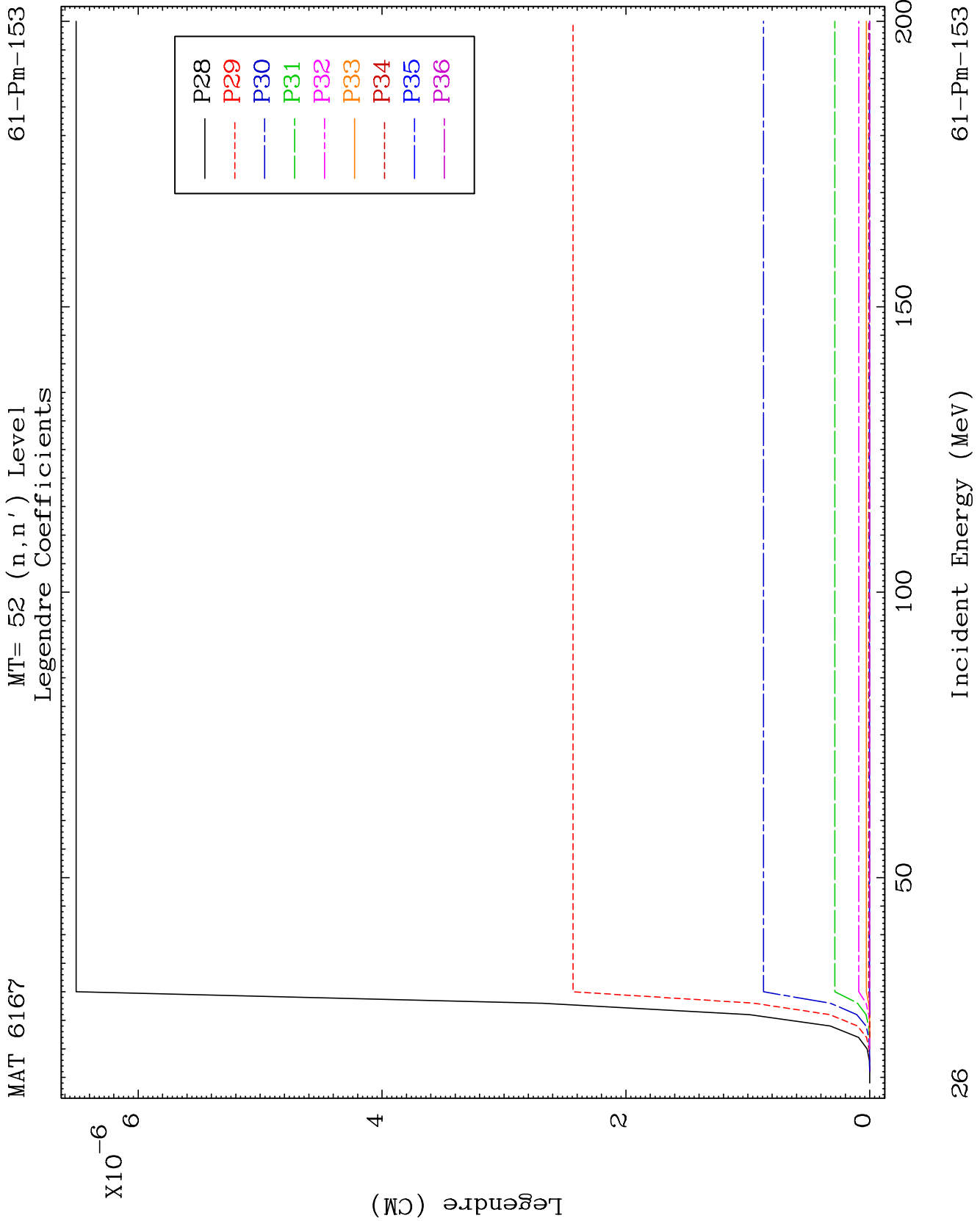


MAT 6167

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

61-Pm-153

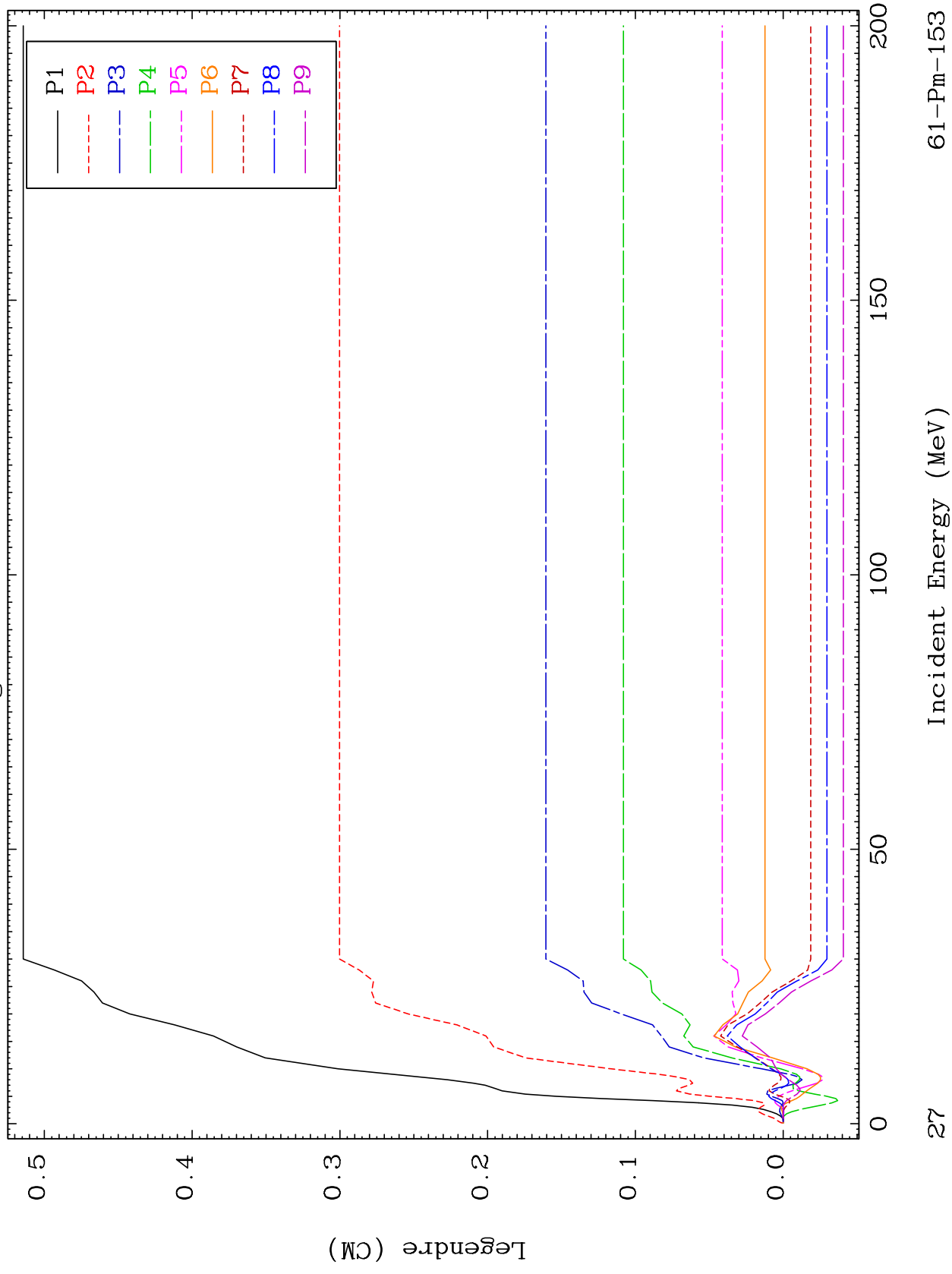


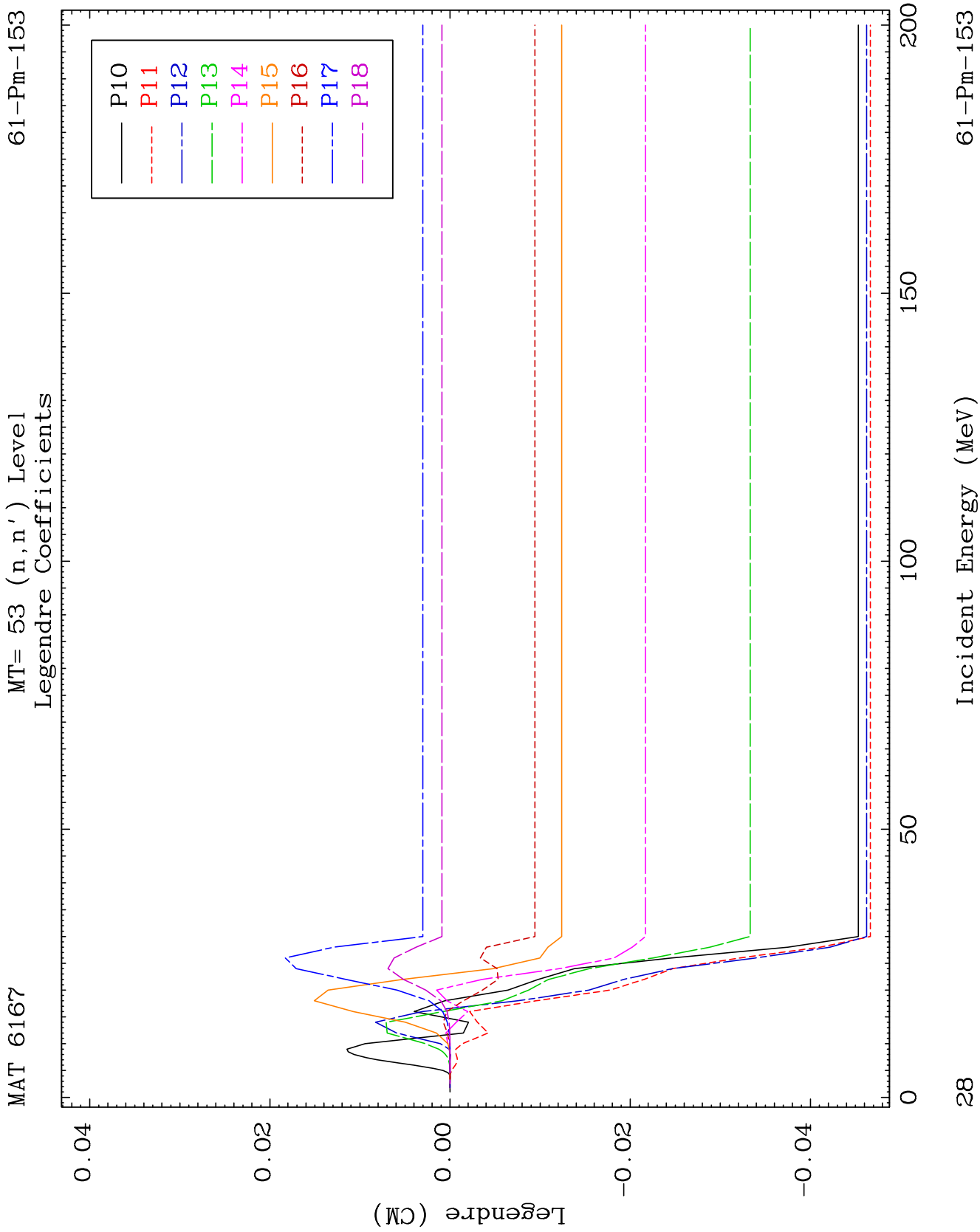


MAT 6167

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

61-Pm-153

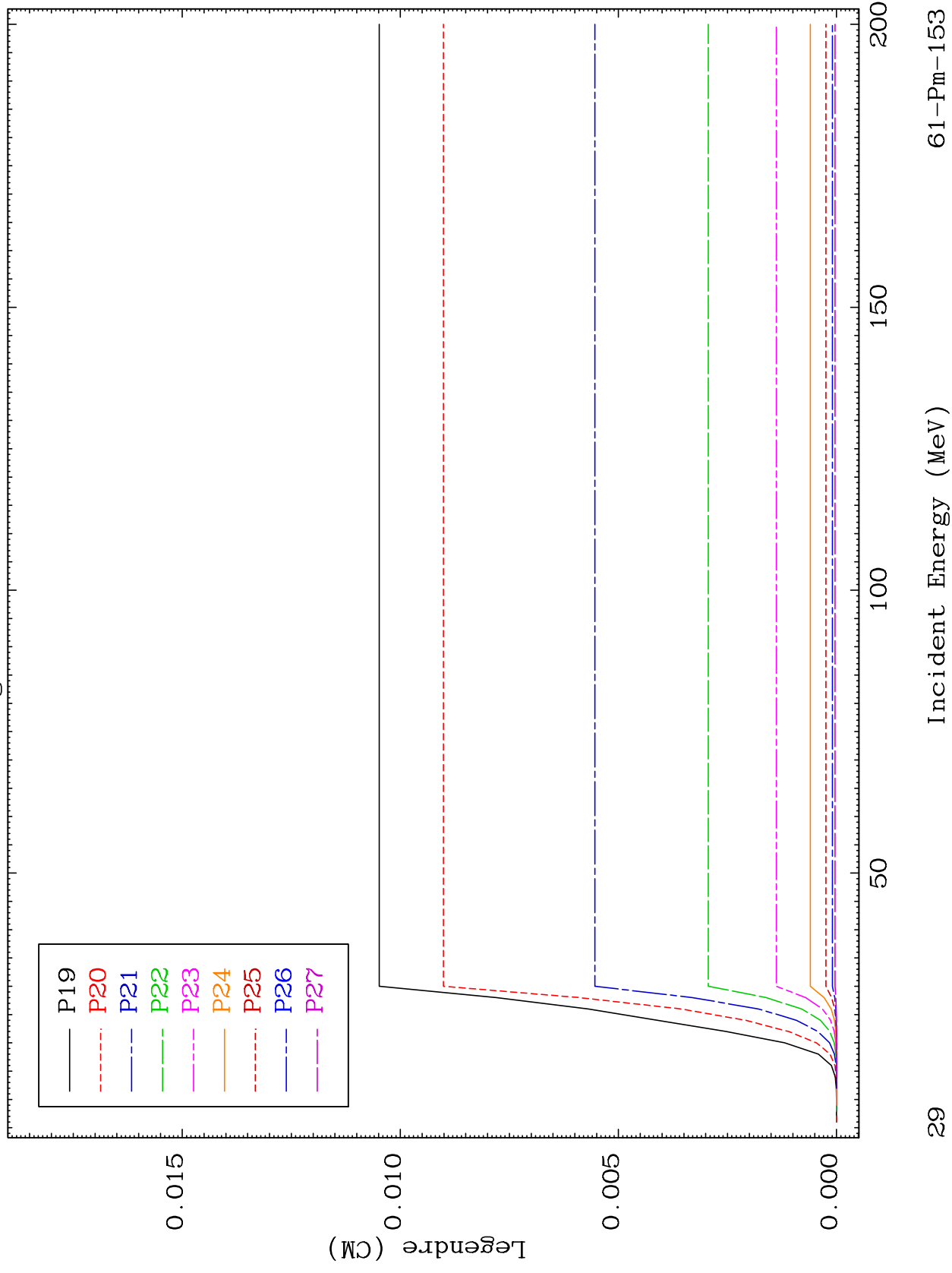




MAT 6167

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

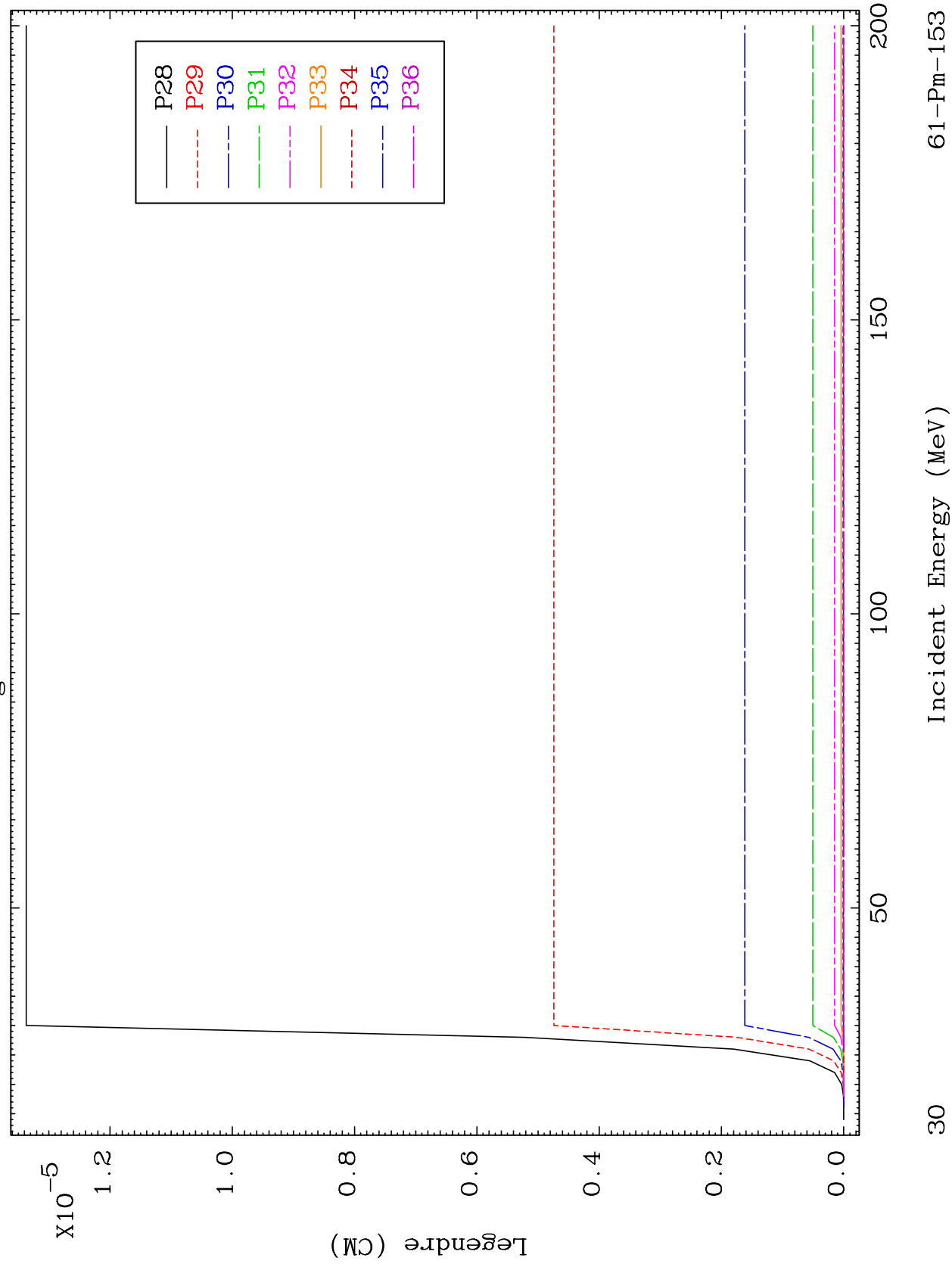
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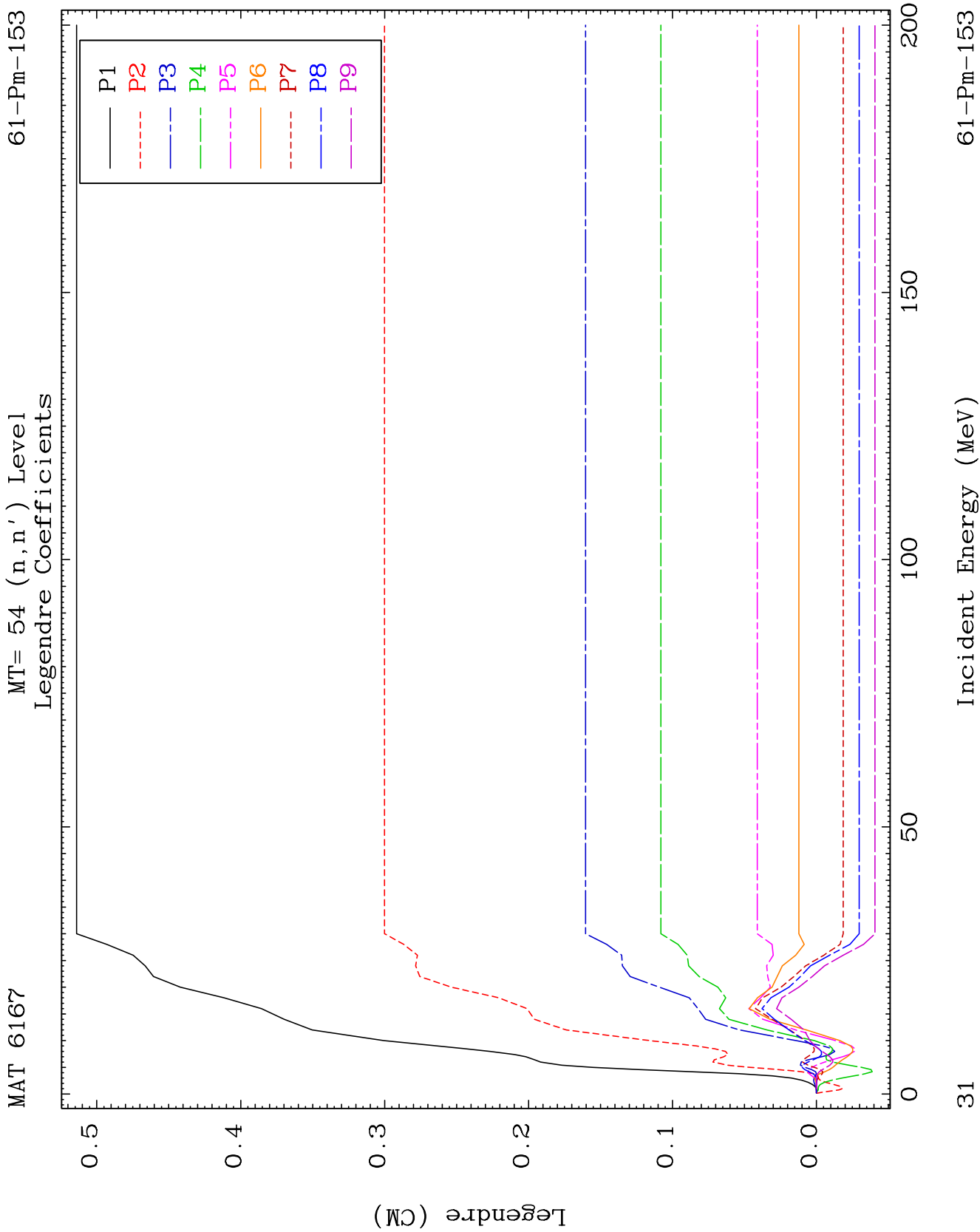


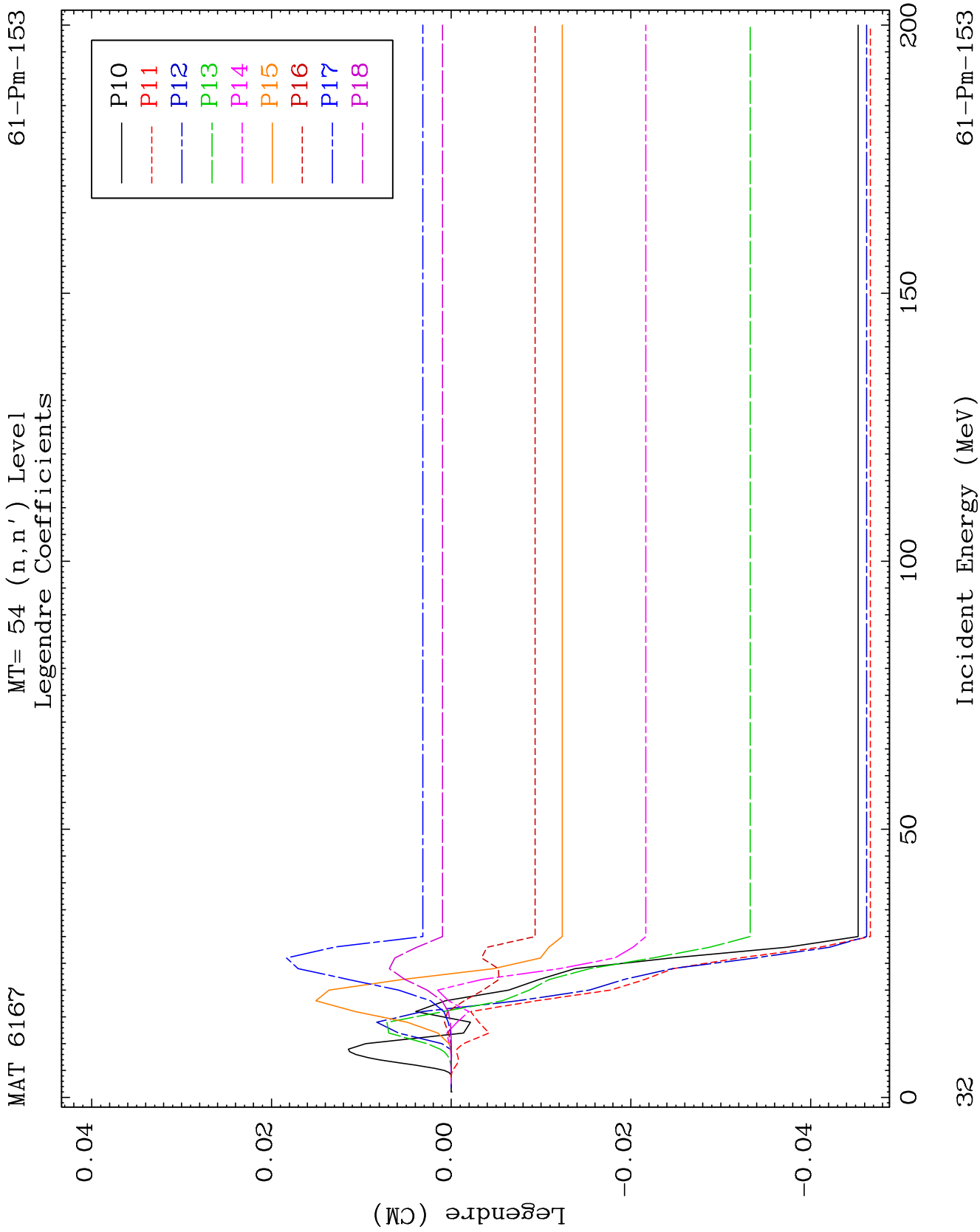
MAT 6167

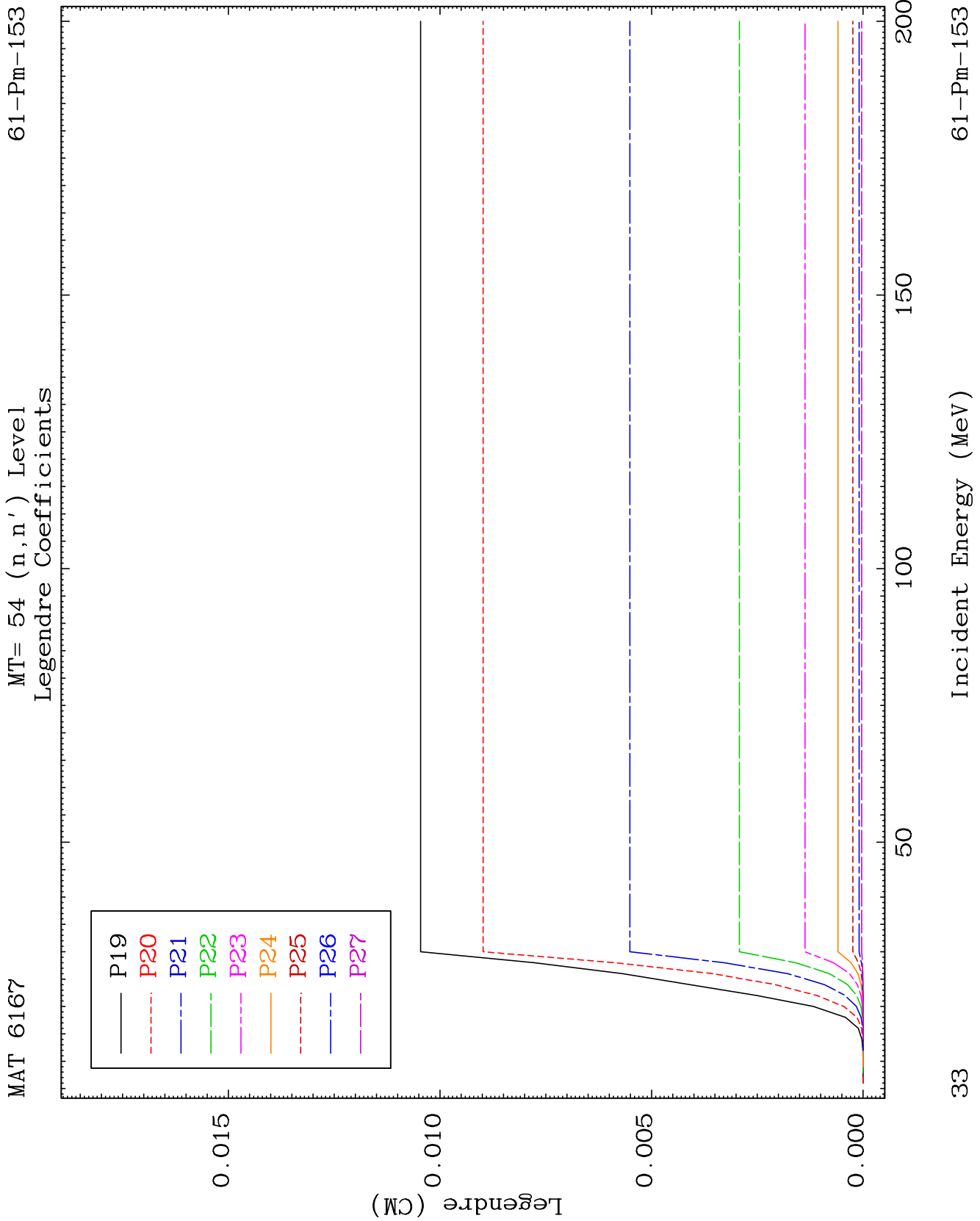
MT= 53 (n, n') Level
Legendre Coefficients

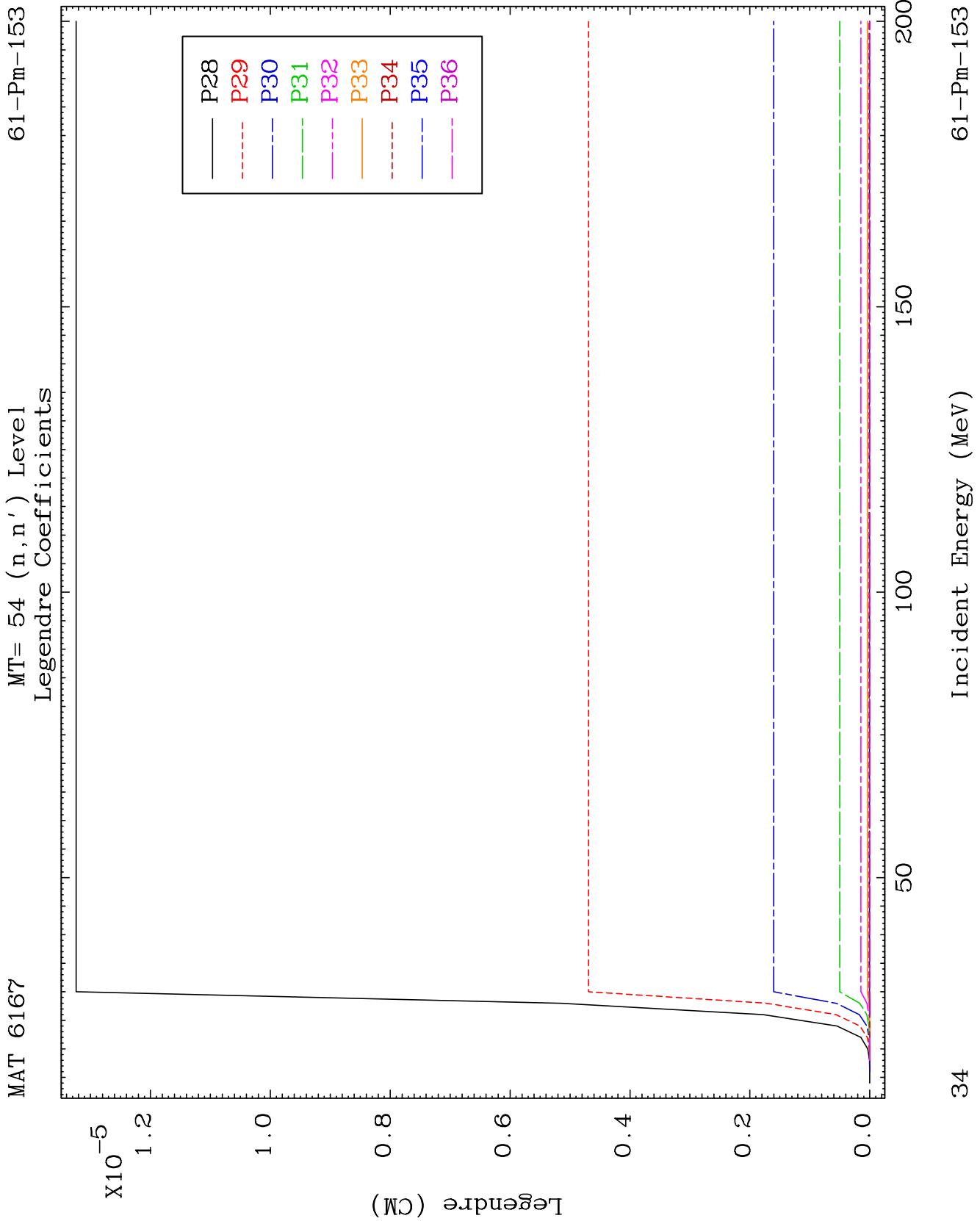
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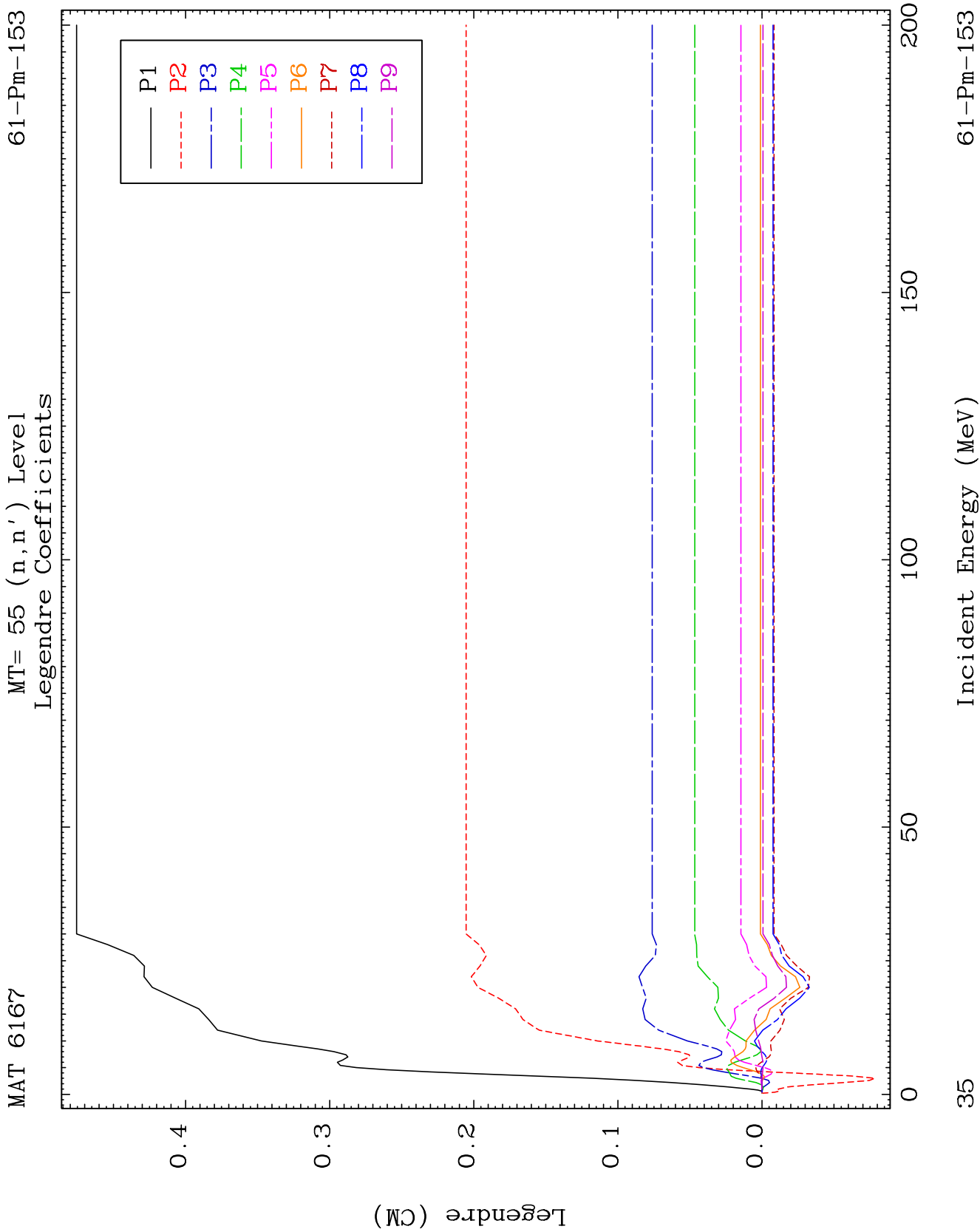








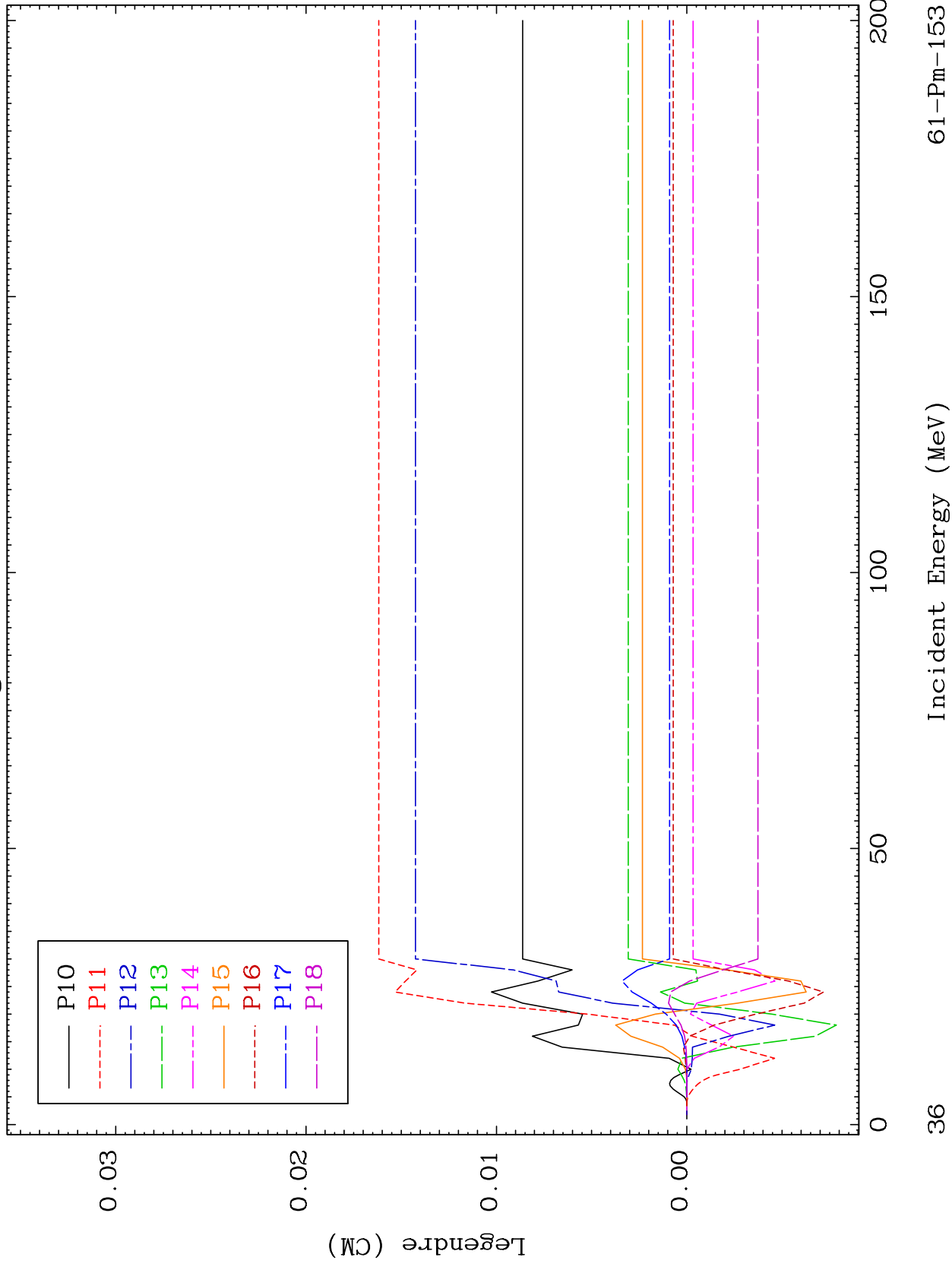




MAT 6167

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

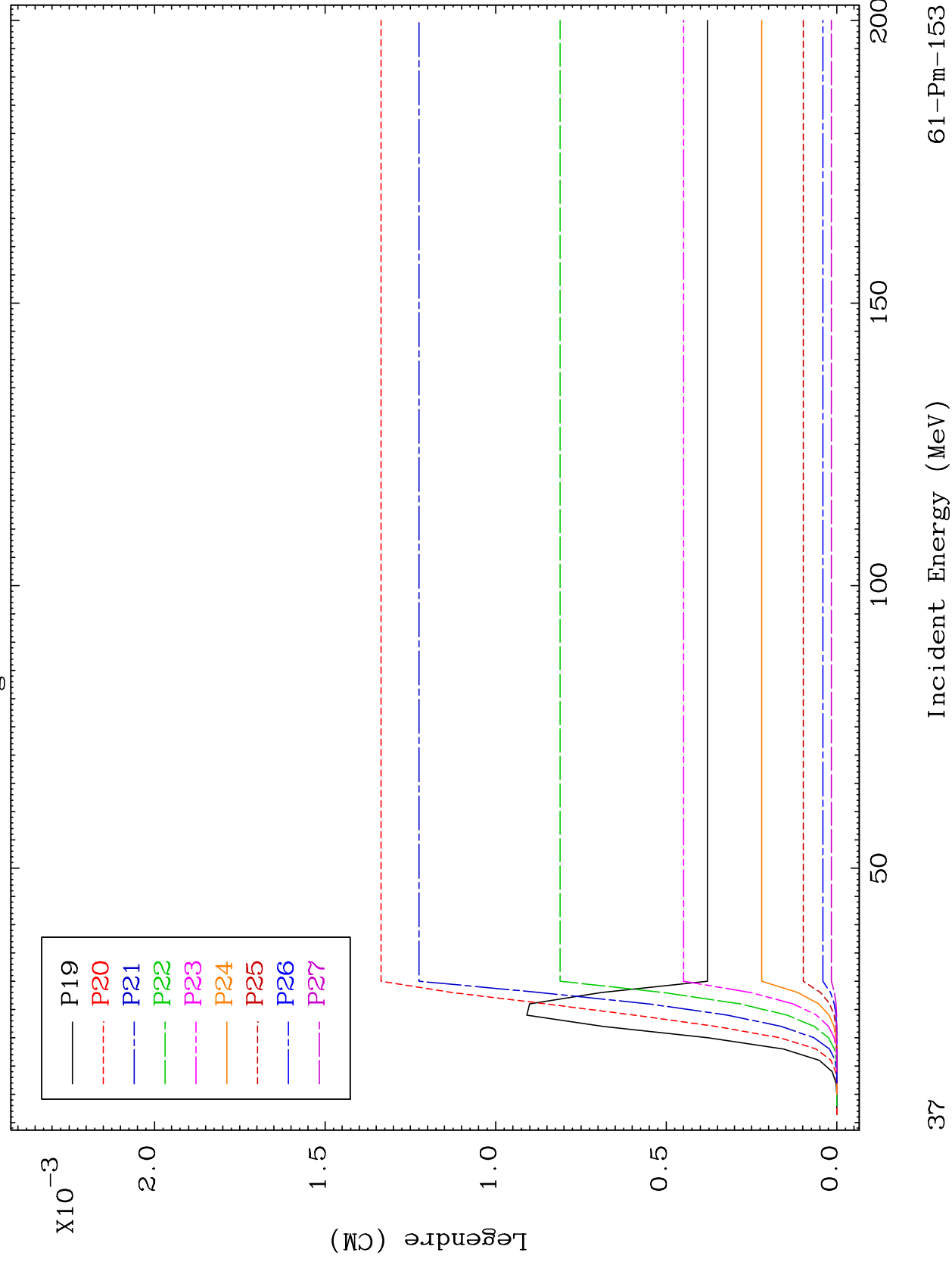
61-Pm-153



MAT 6167

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

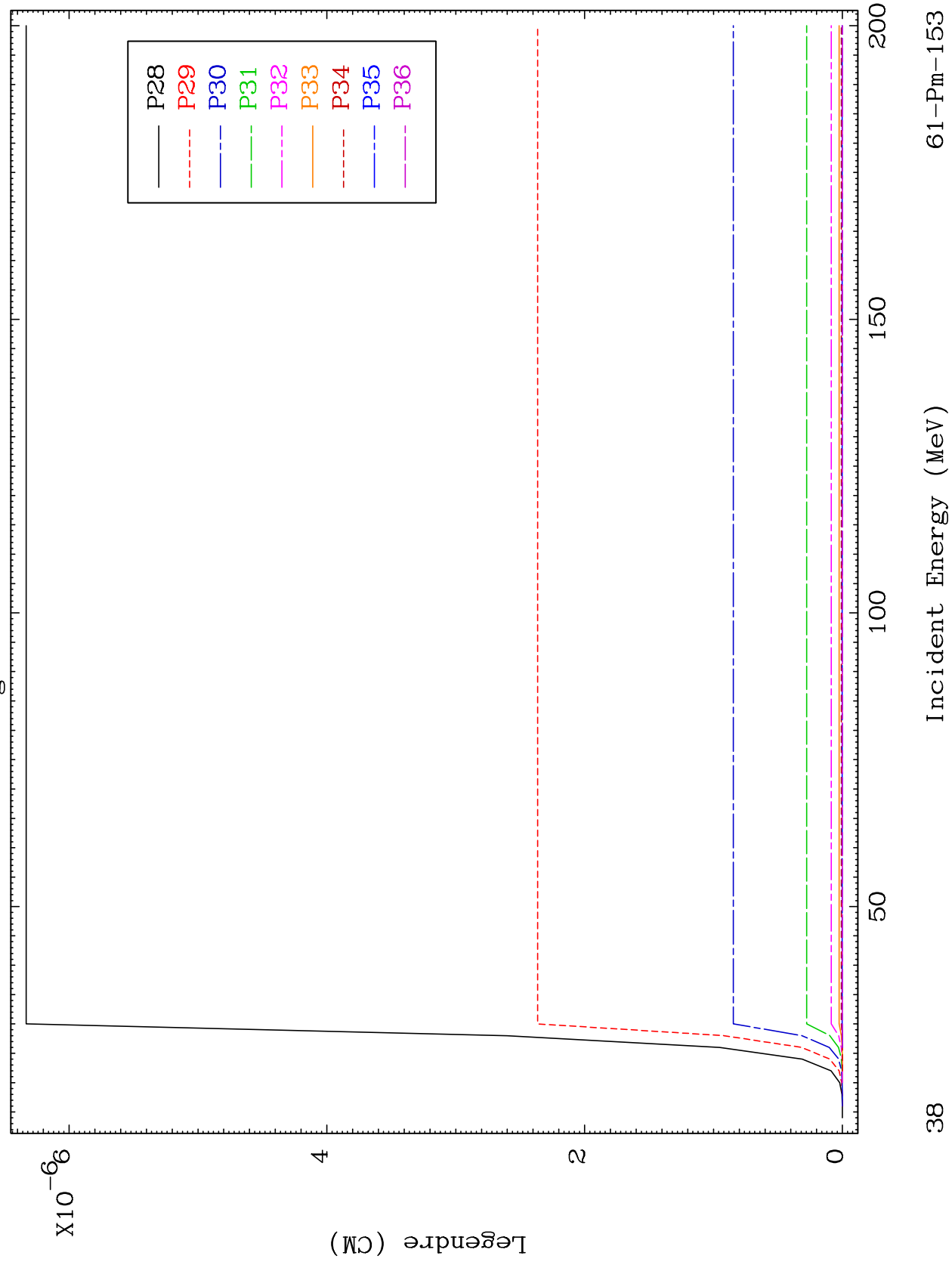
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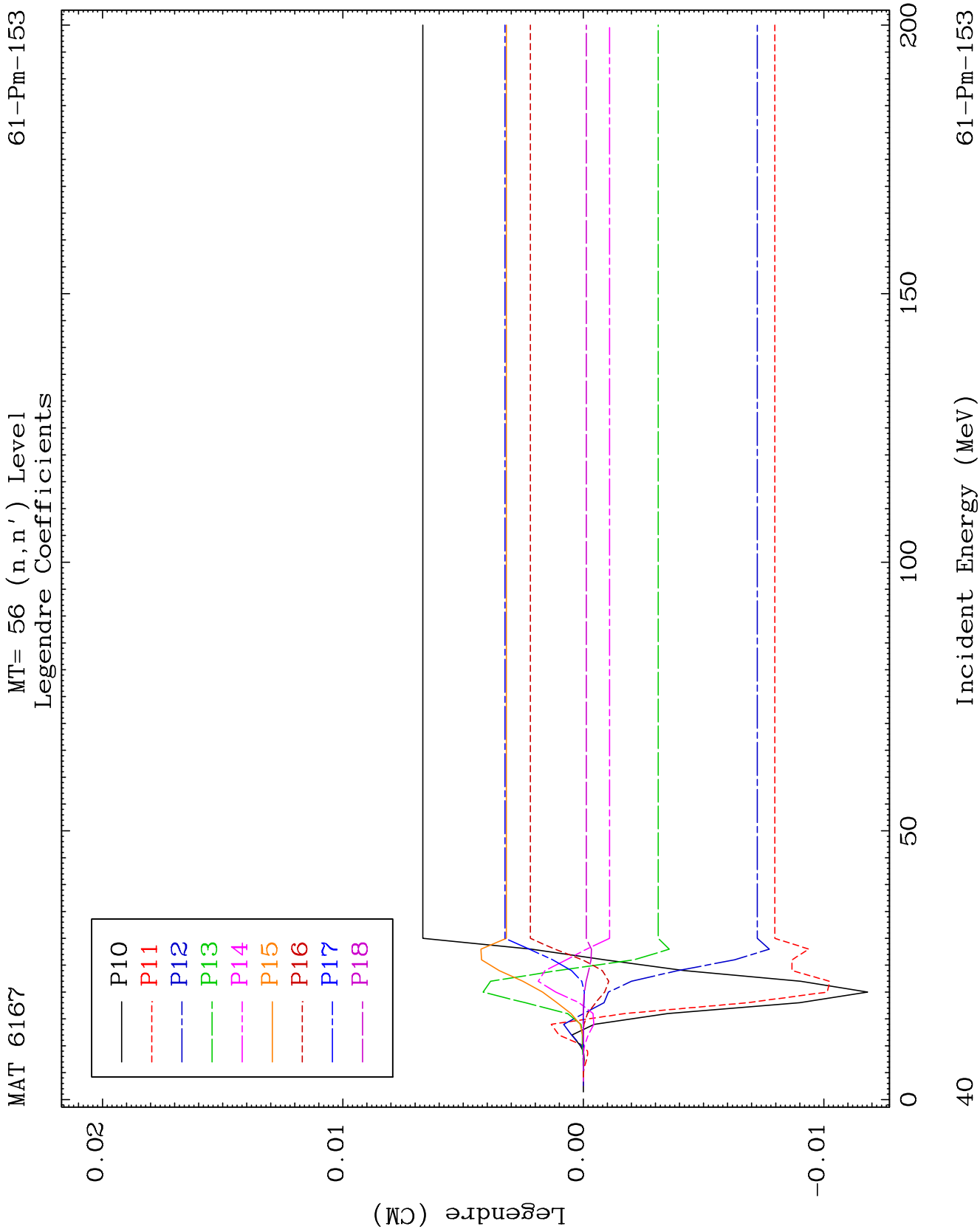


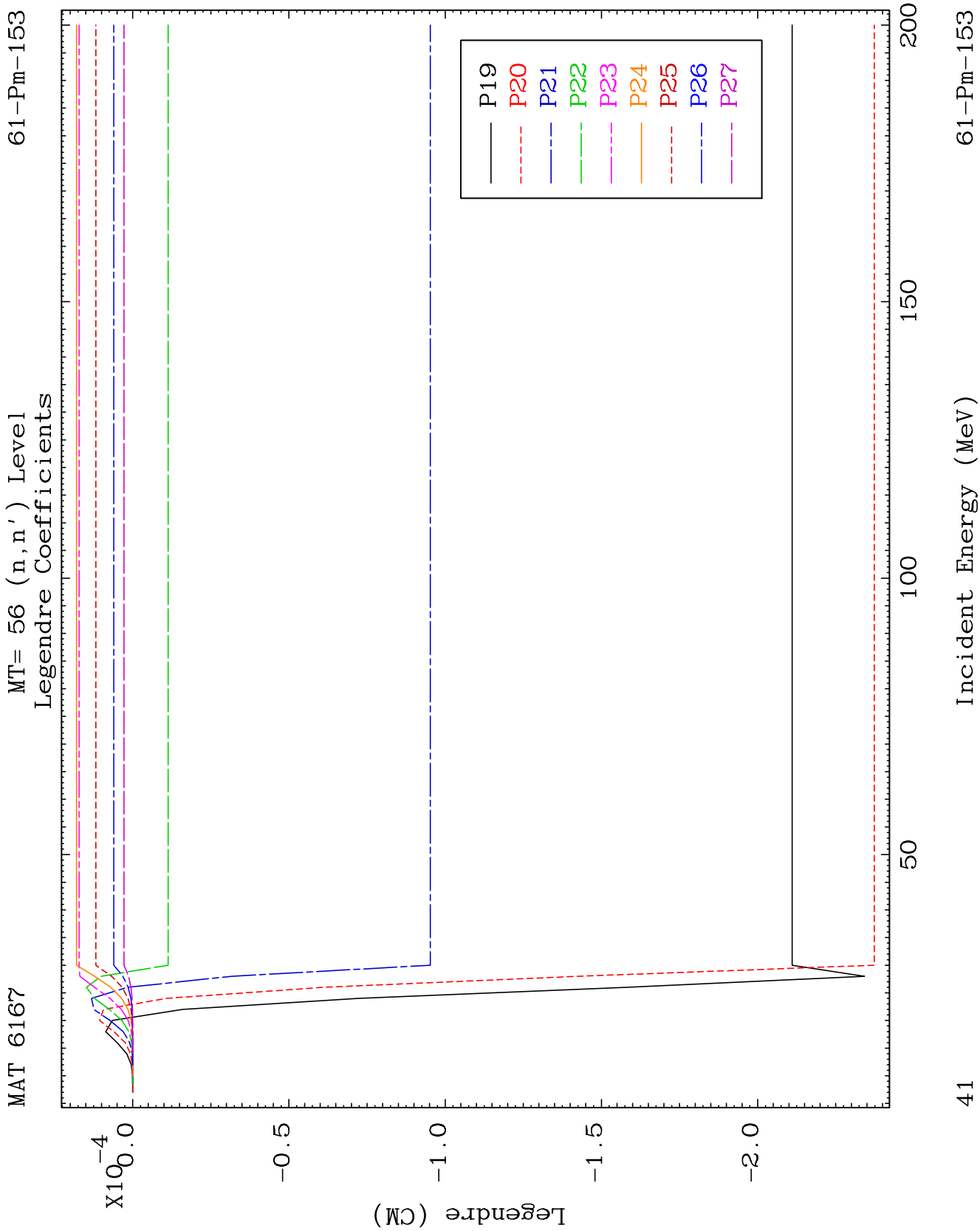
MAT 6167

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

61-Pm-153



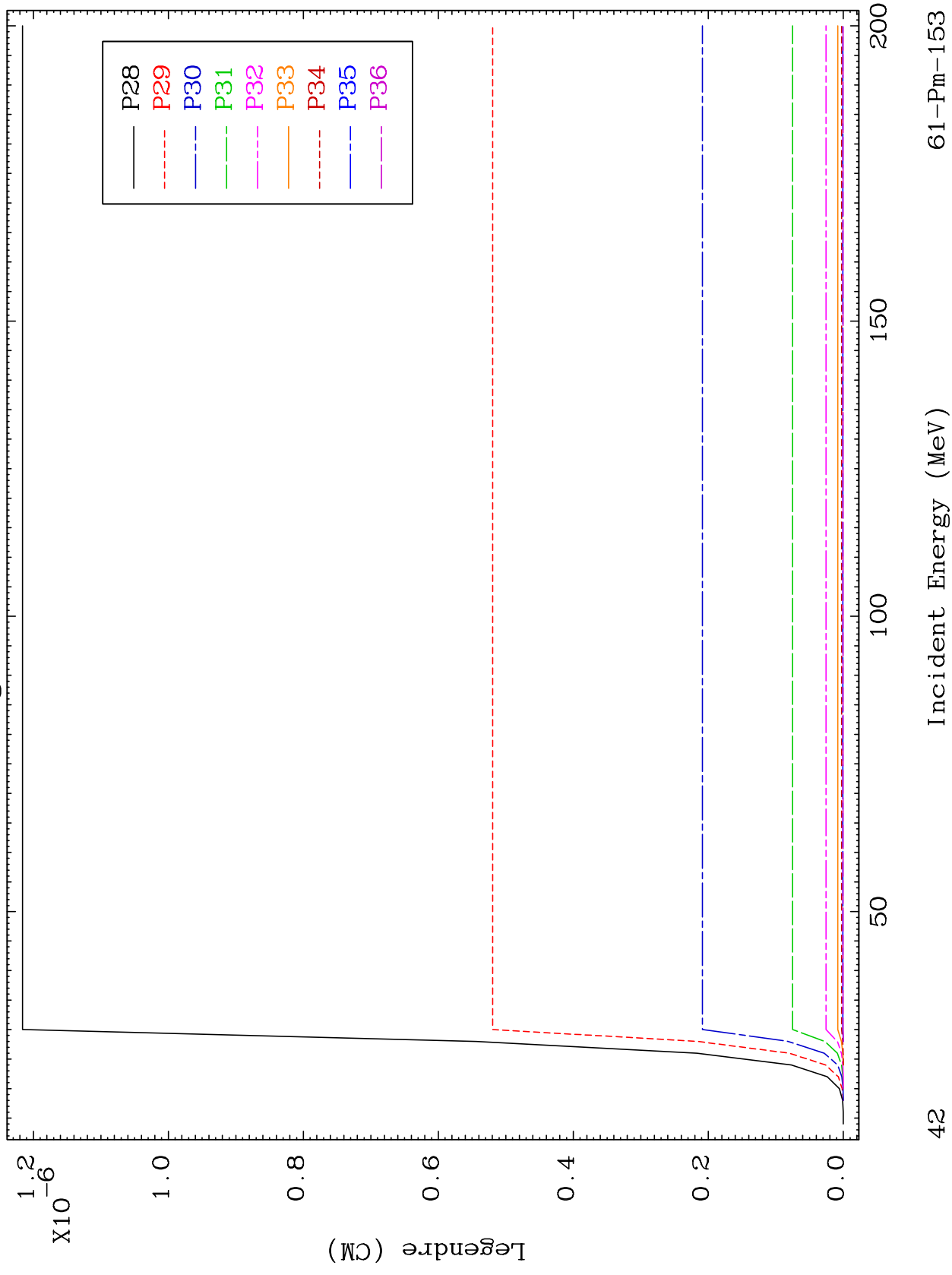


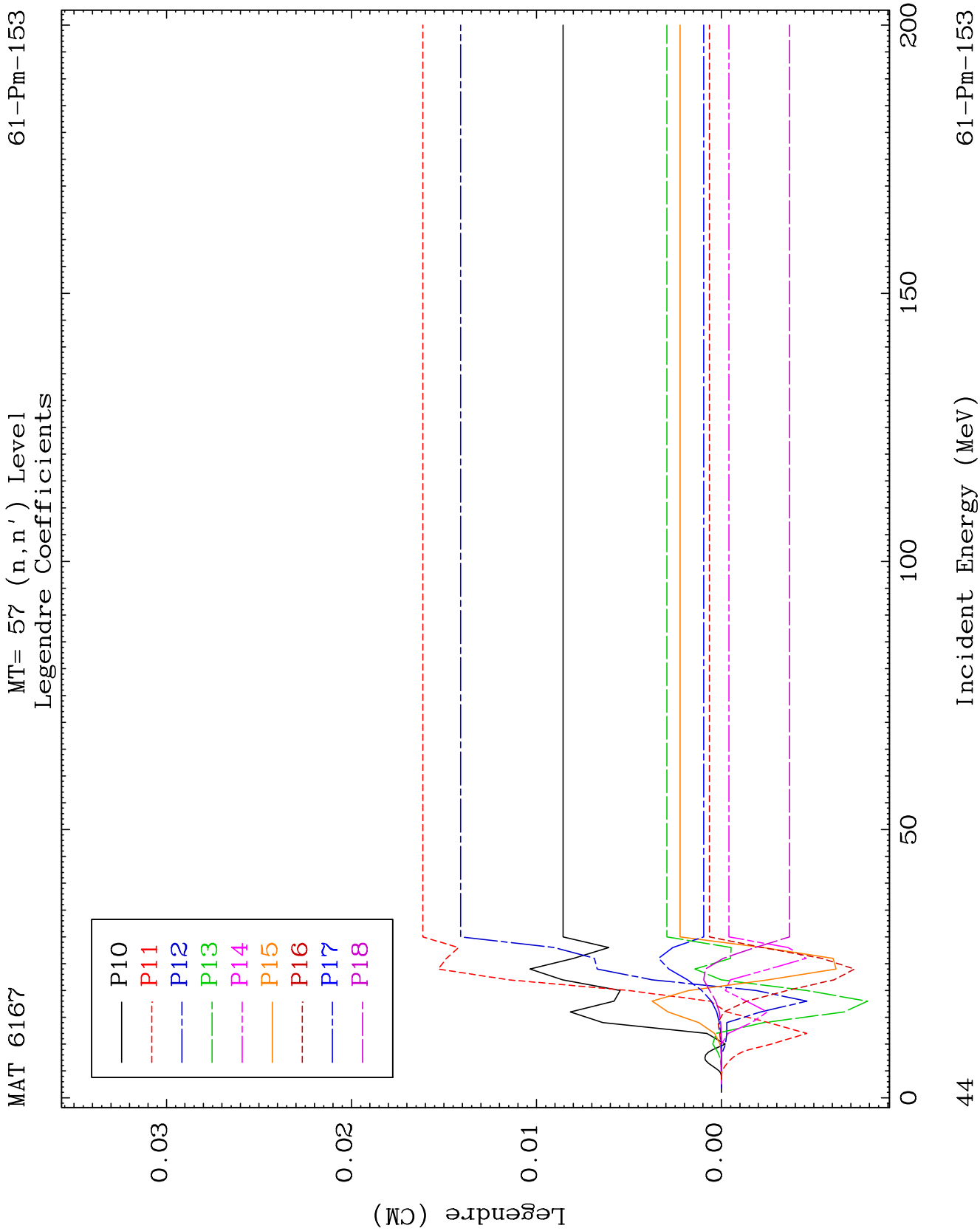


MAT 6167

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

61-Pm-153

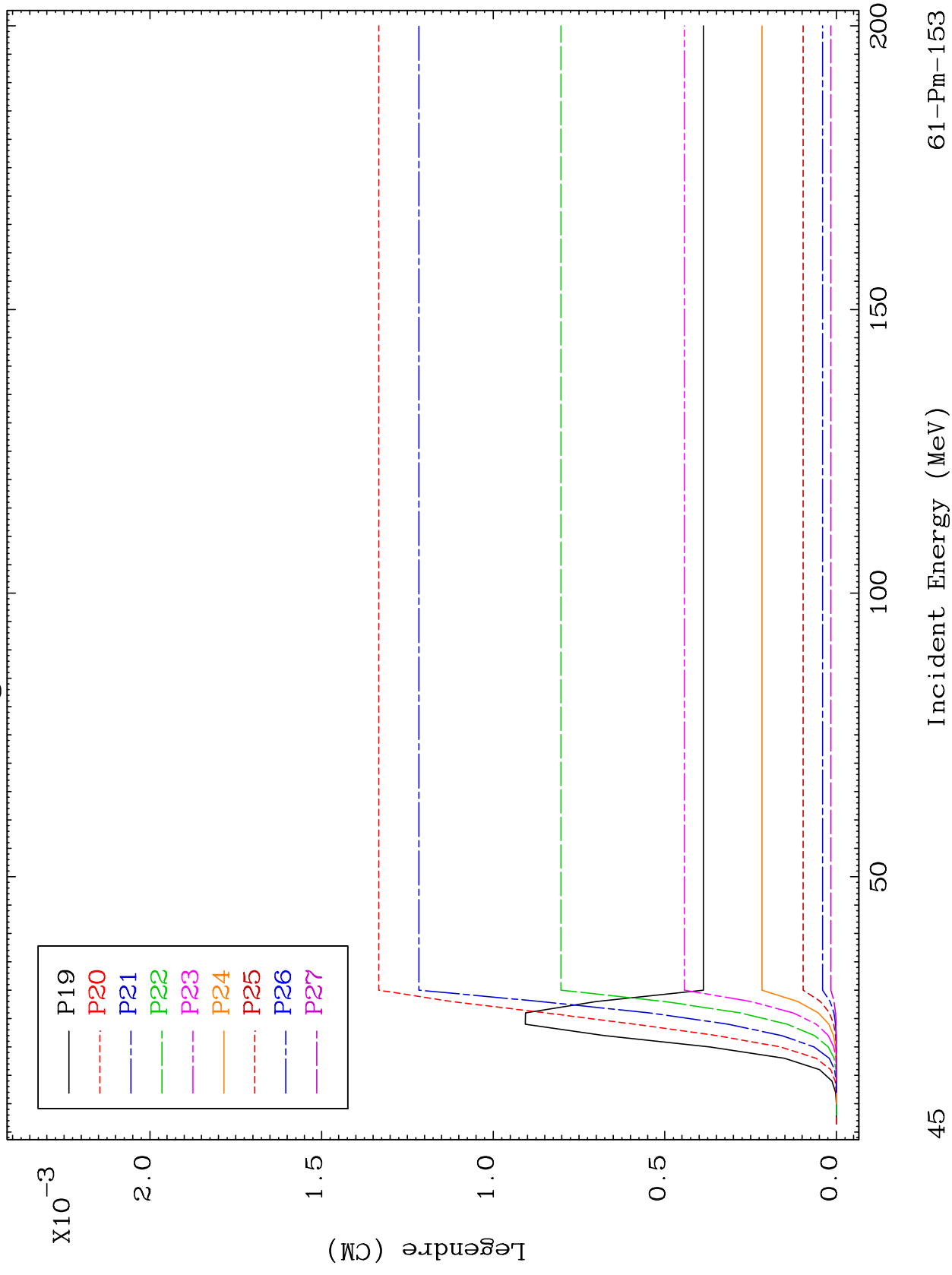




MAT 6167

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

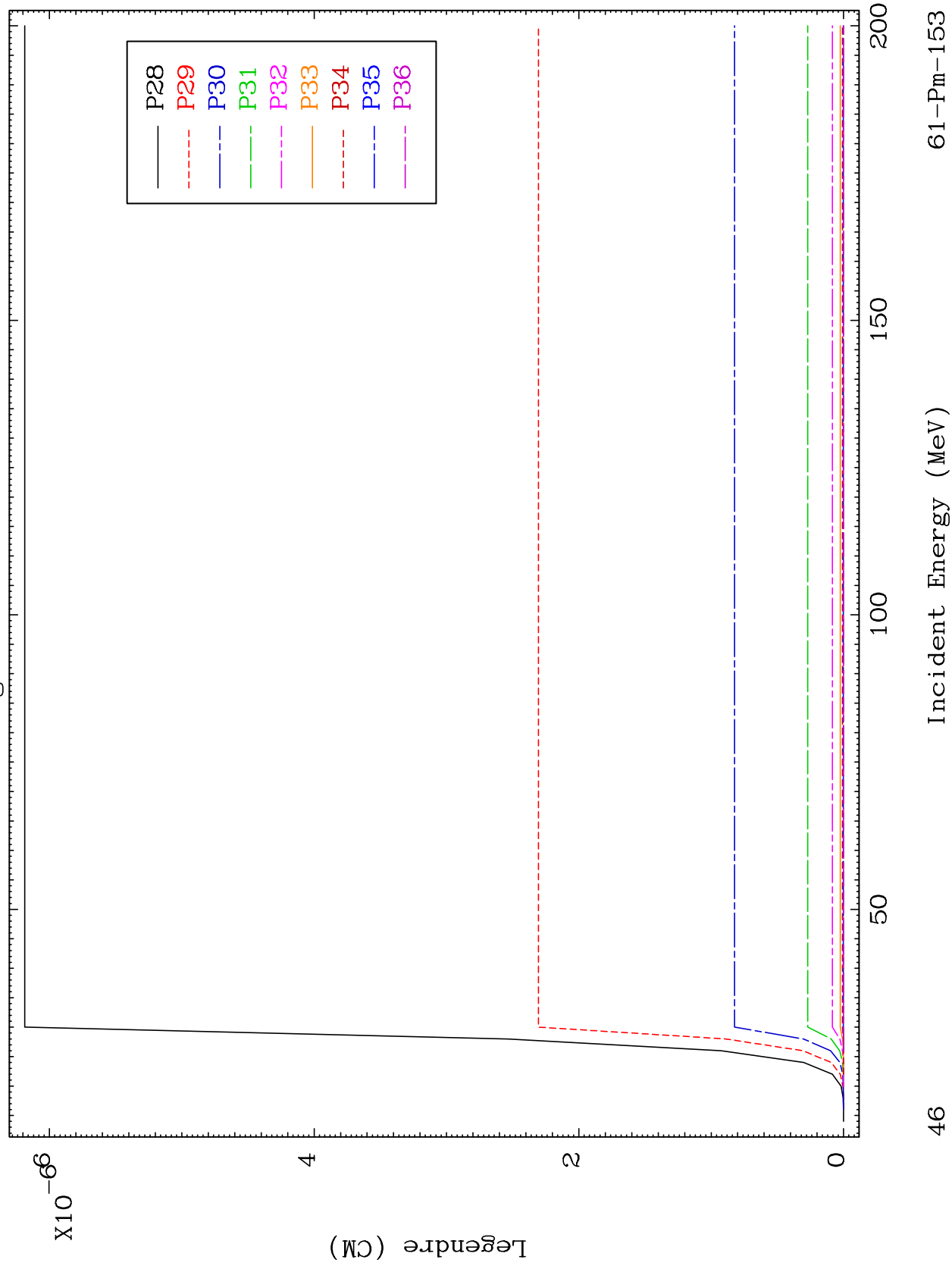
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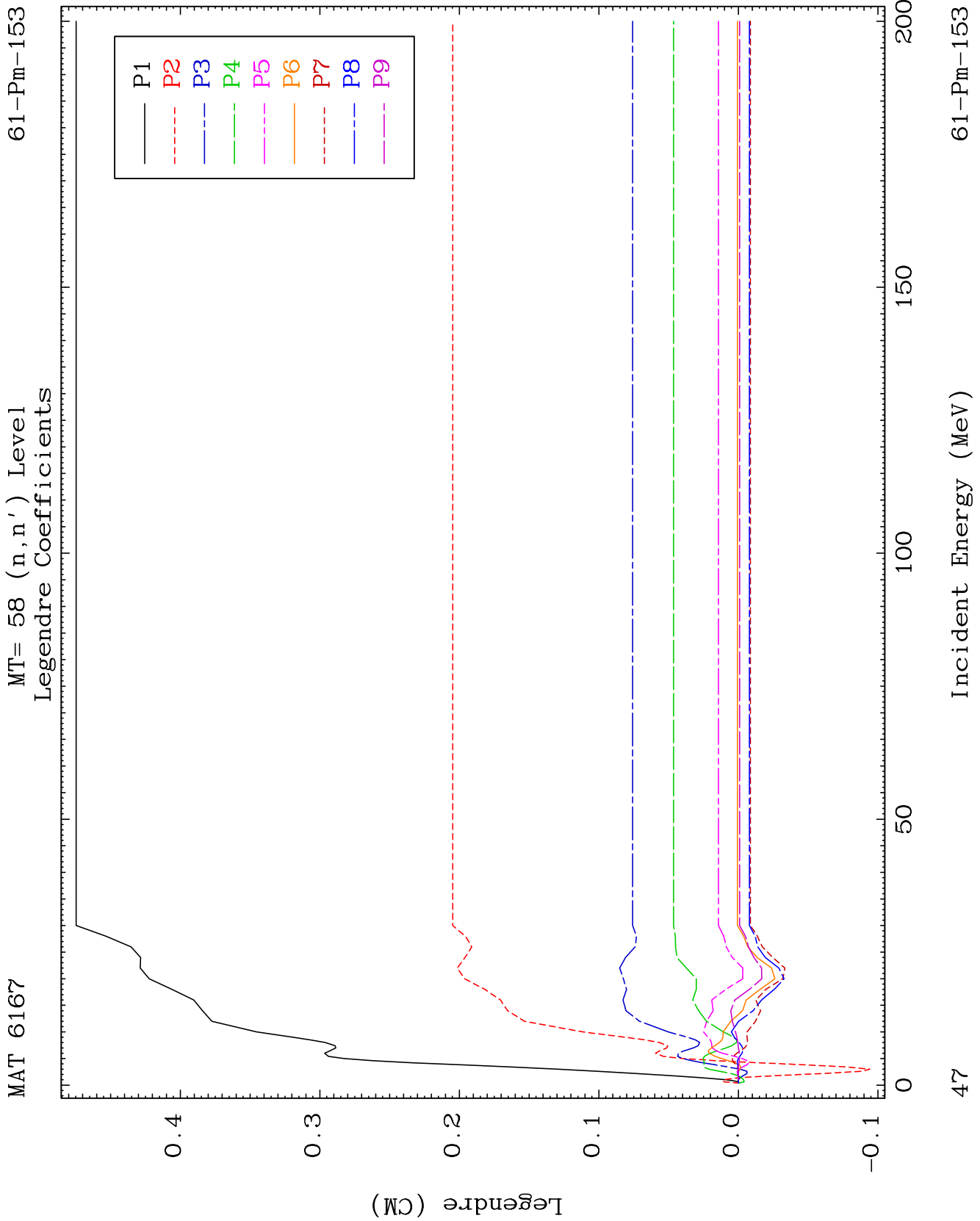


MAT 6167

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

61-Pm-153

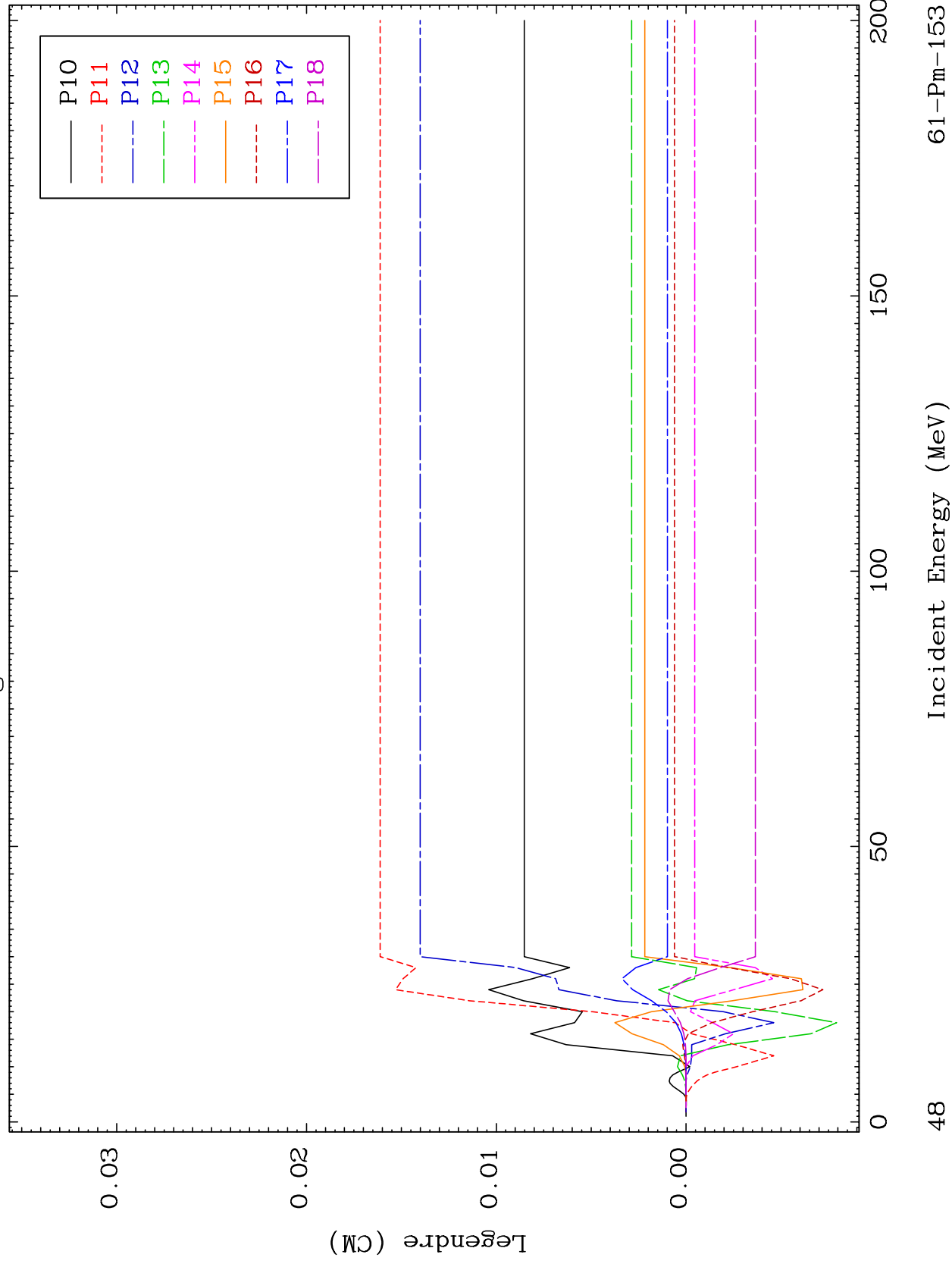


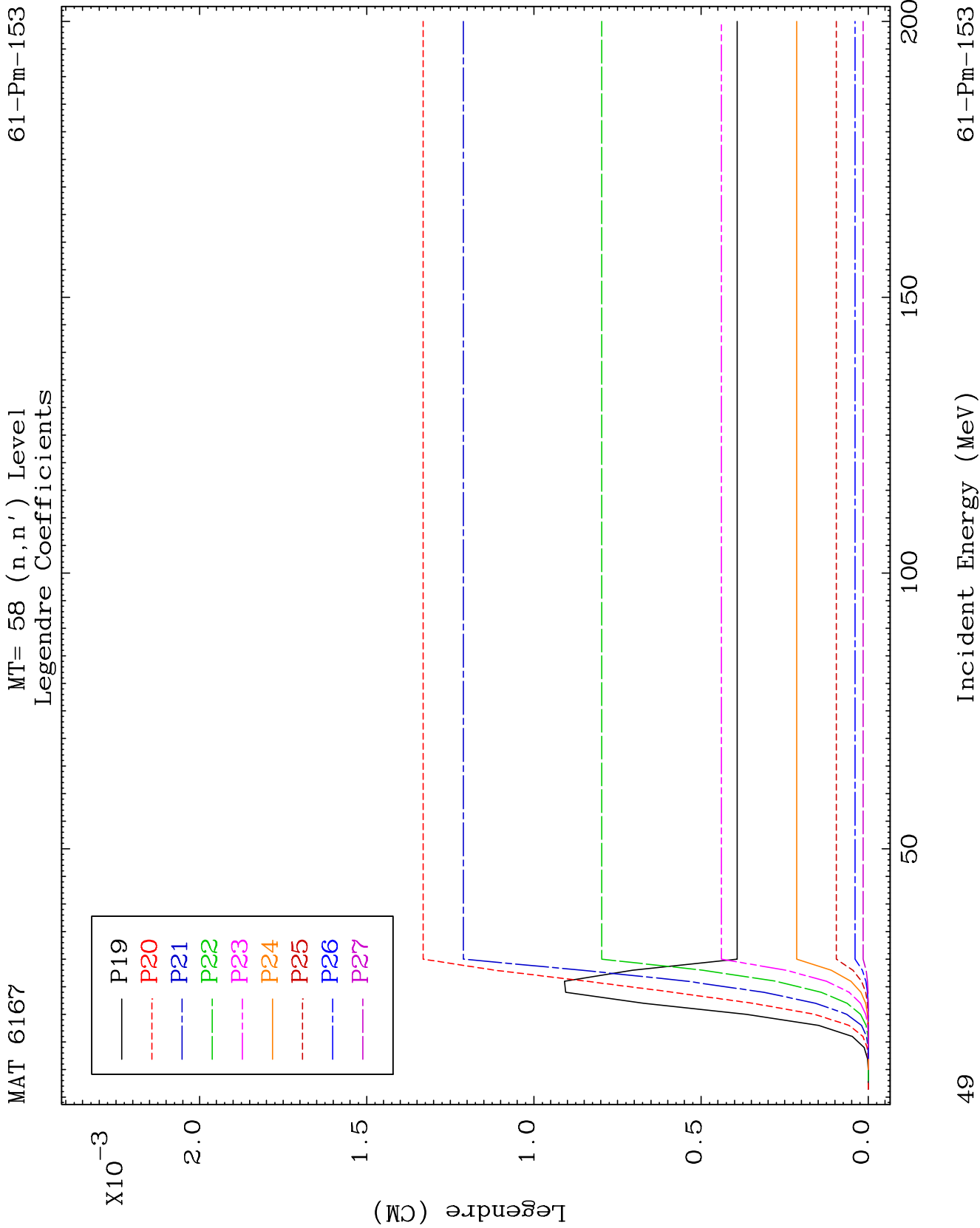


MAT 6167

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

61-Pm-153

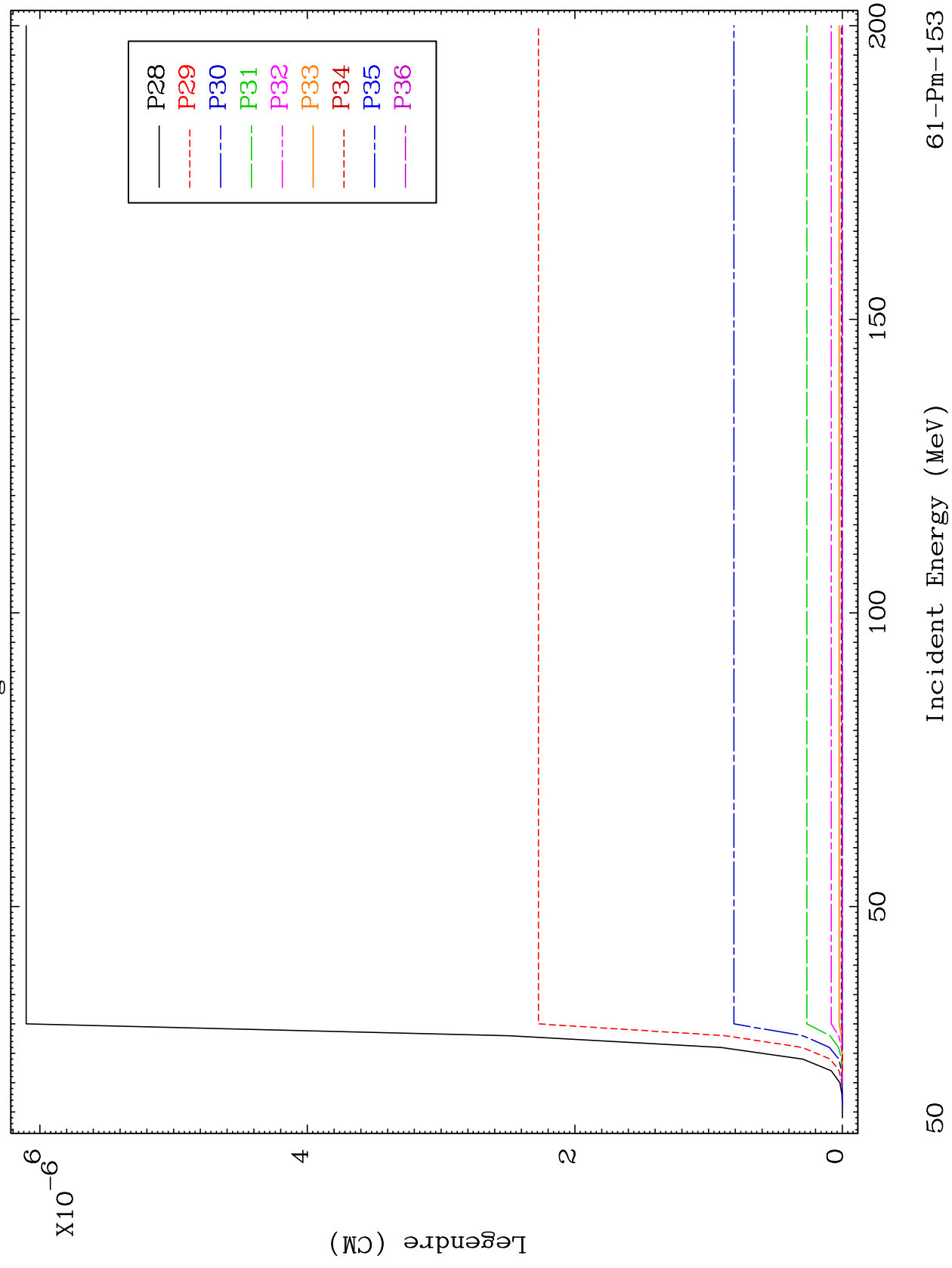


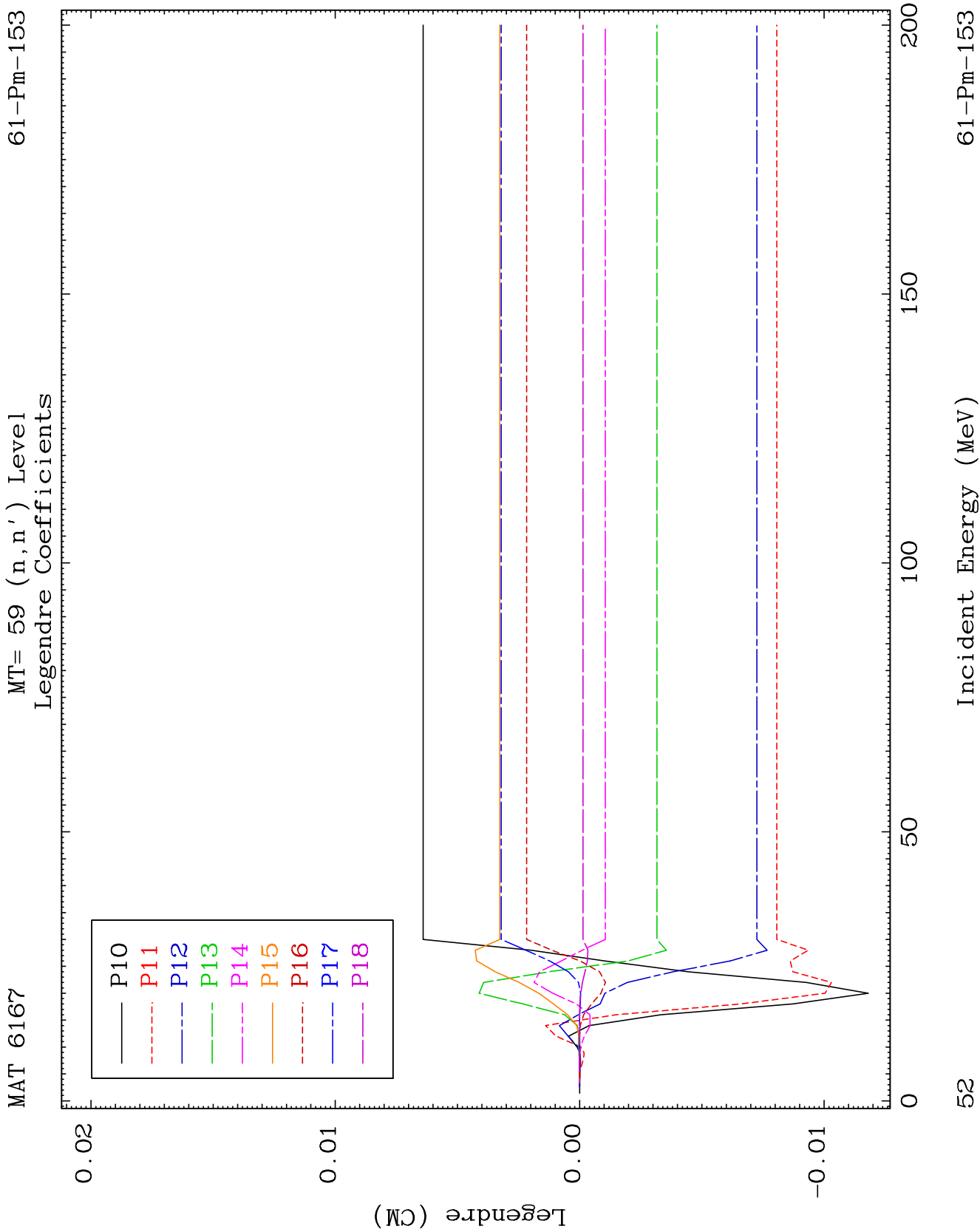


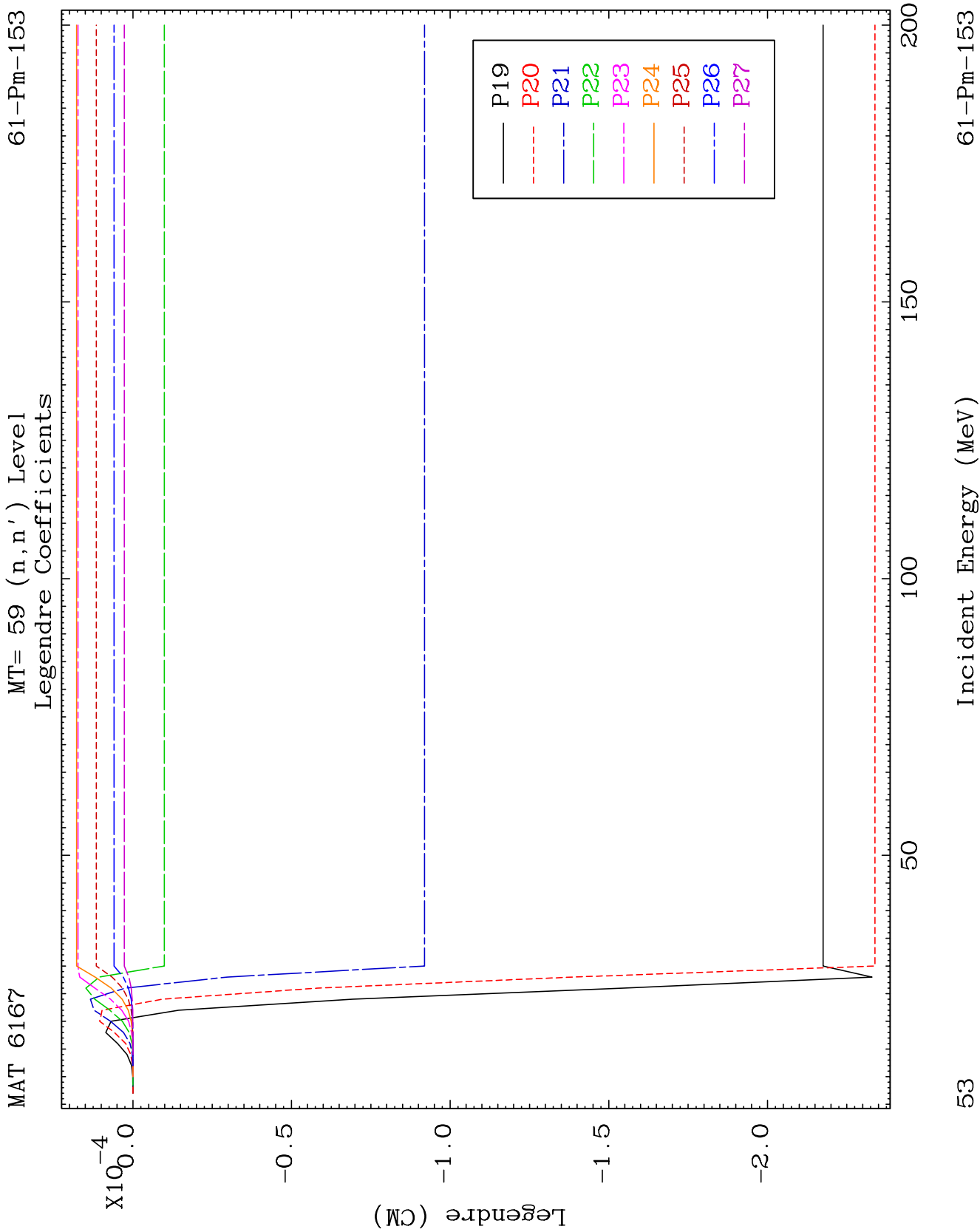
MAT 6167

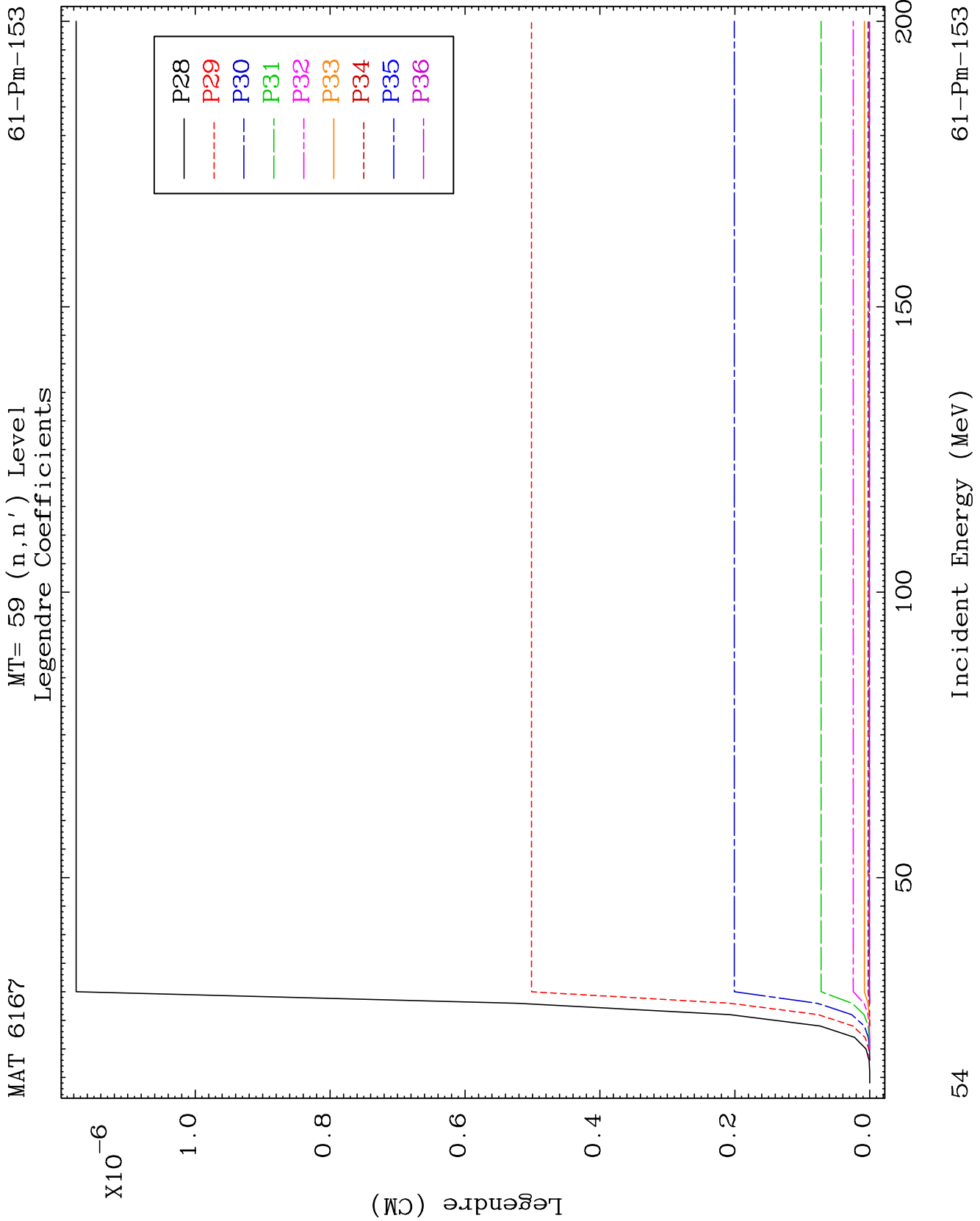
MT= 58 (n, n') Level
Legendre Coefficients

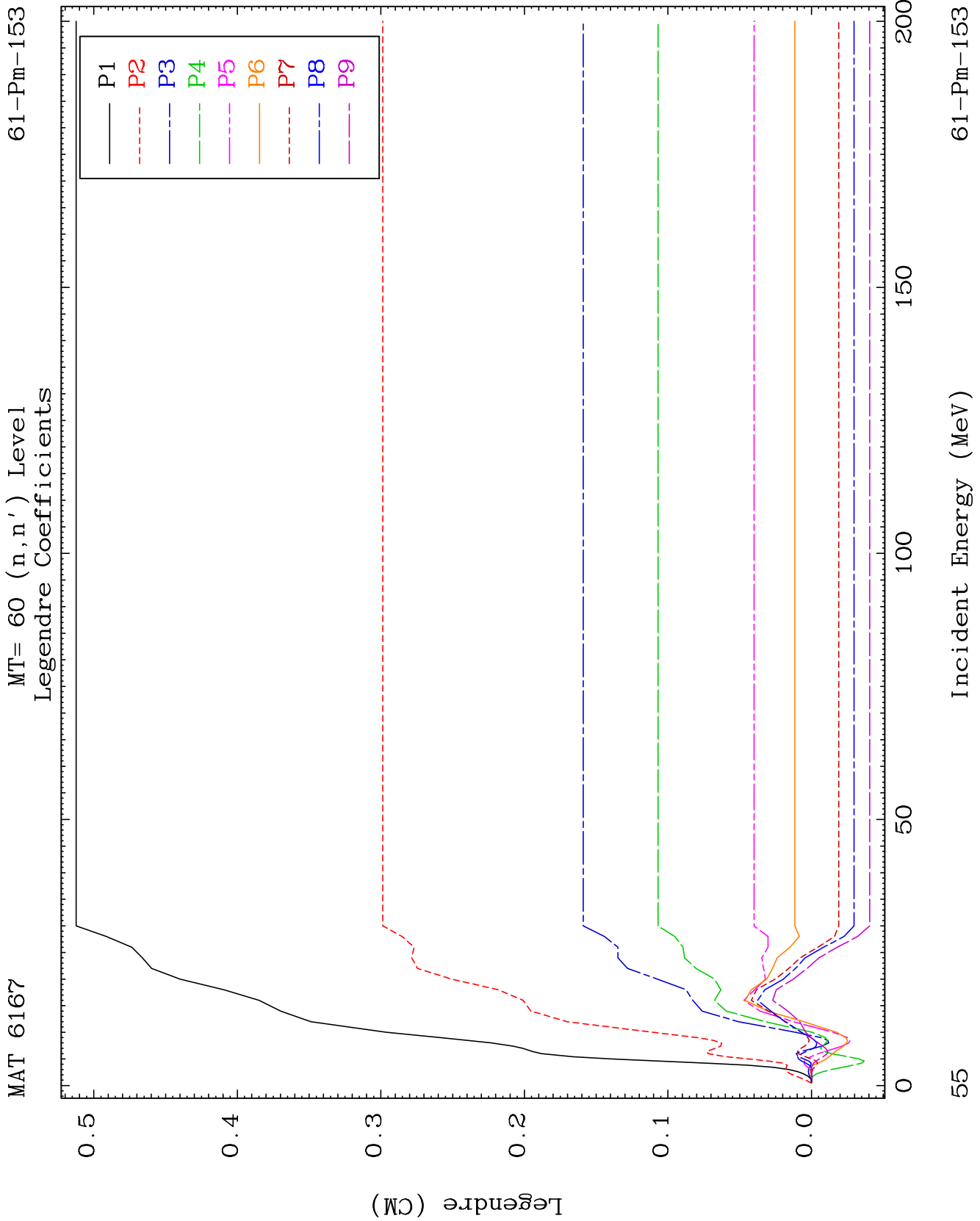
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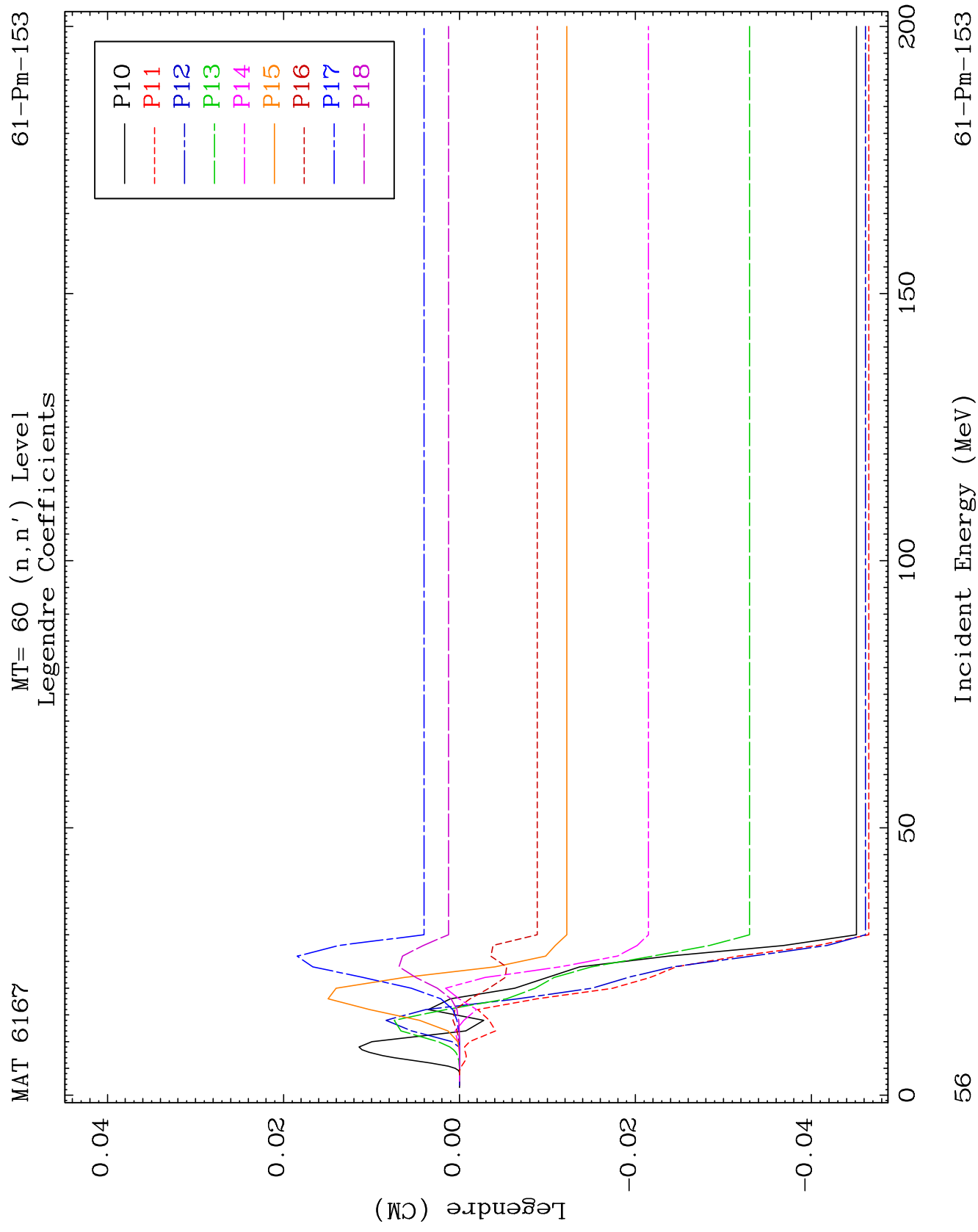








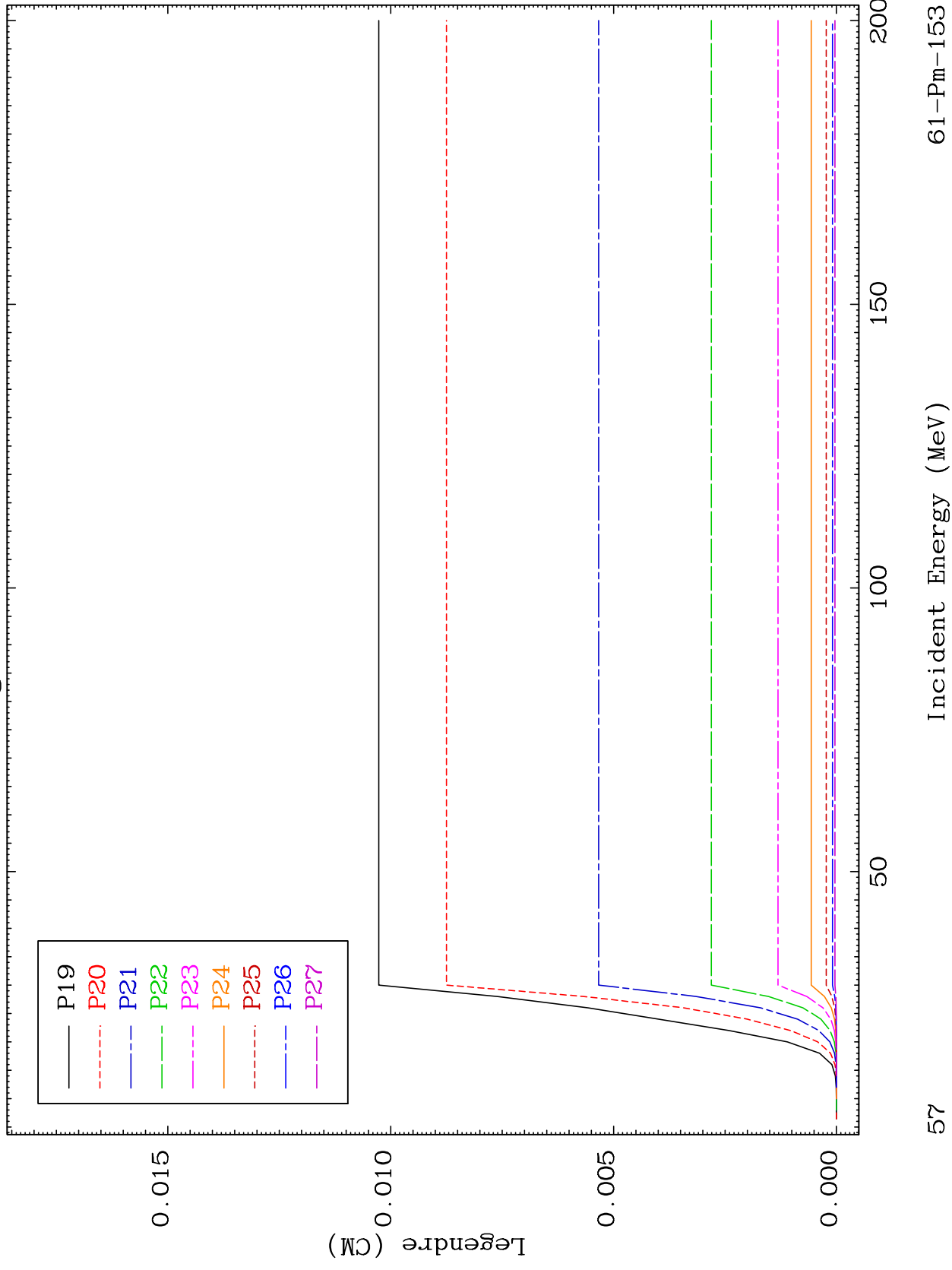


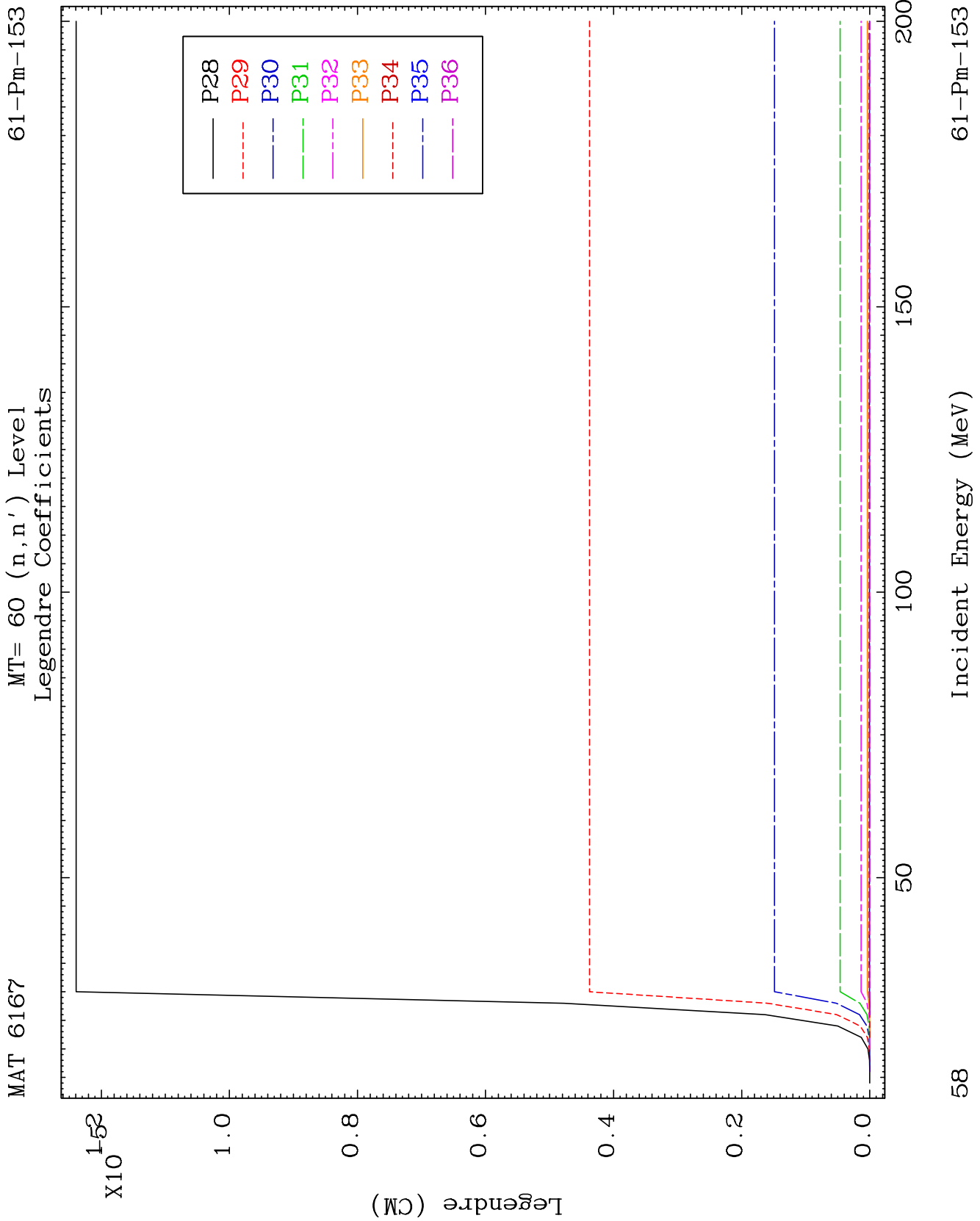


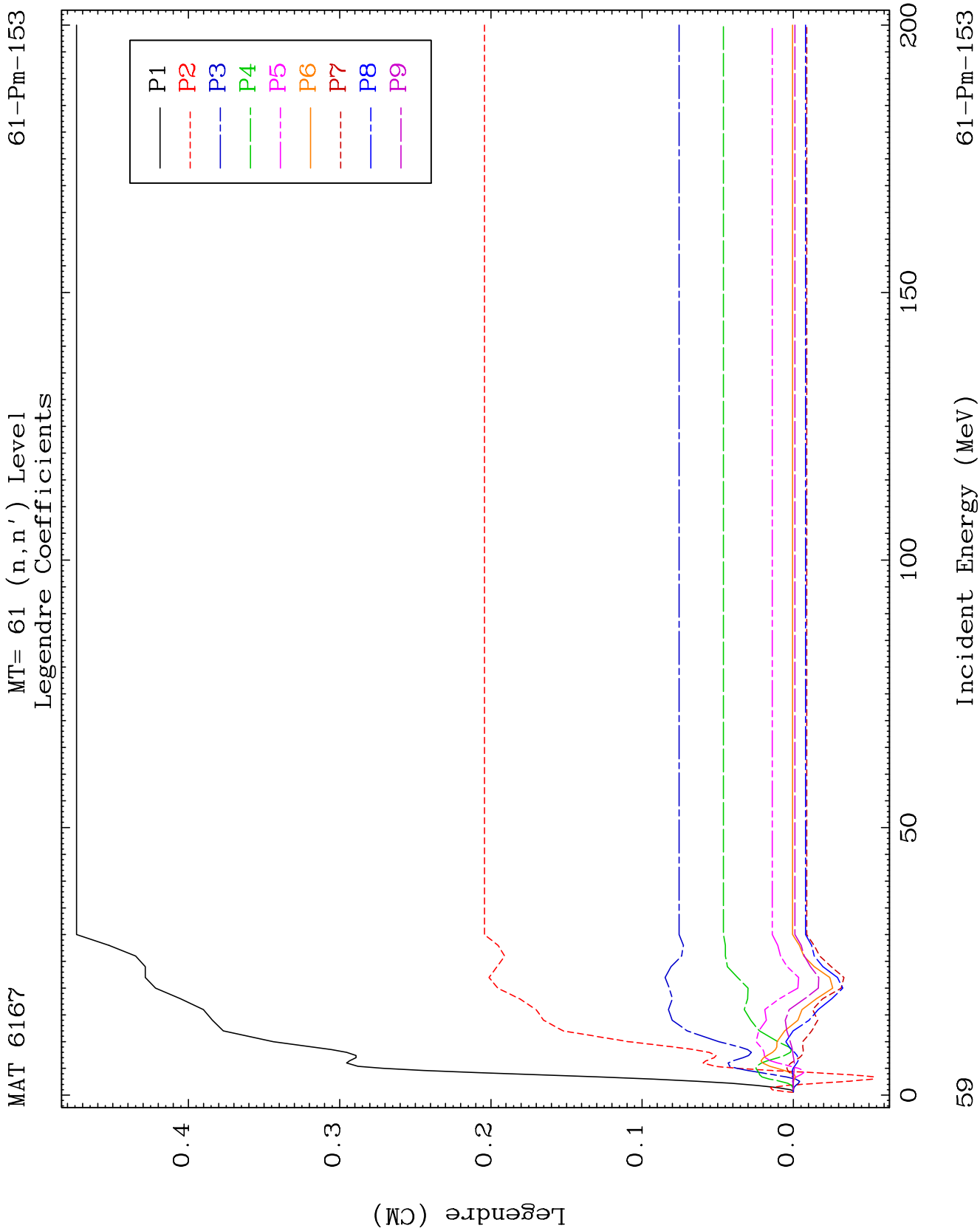
MAT 6167

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

61-Pm-153



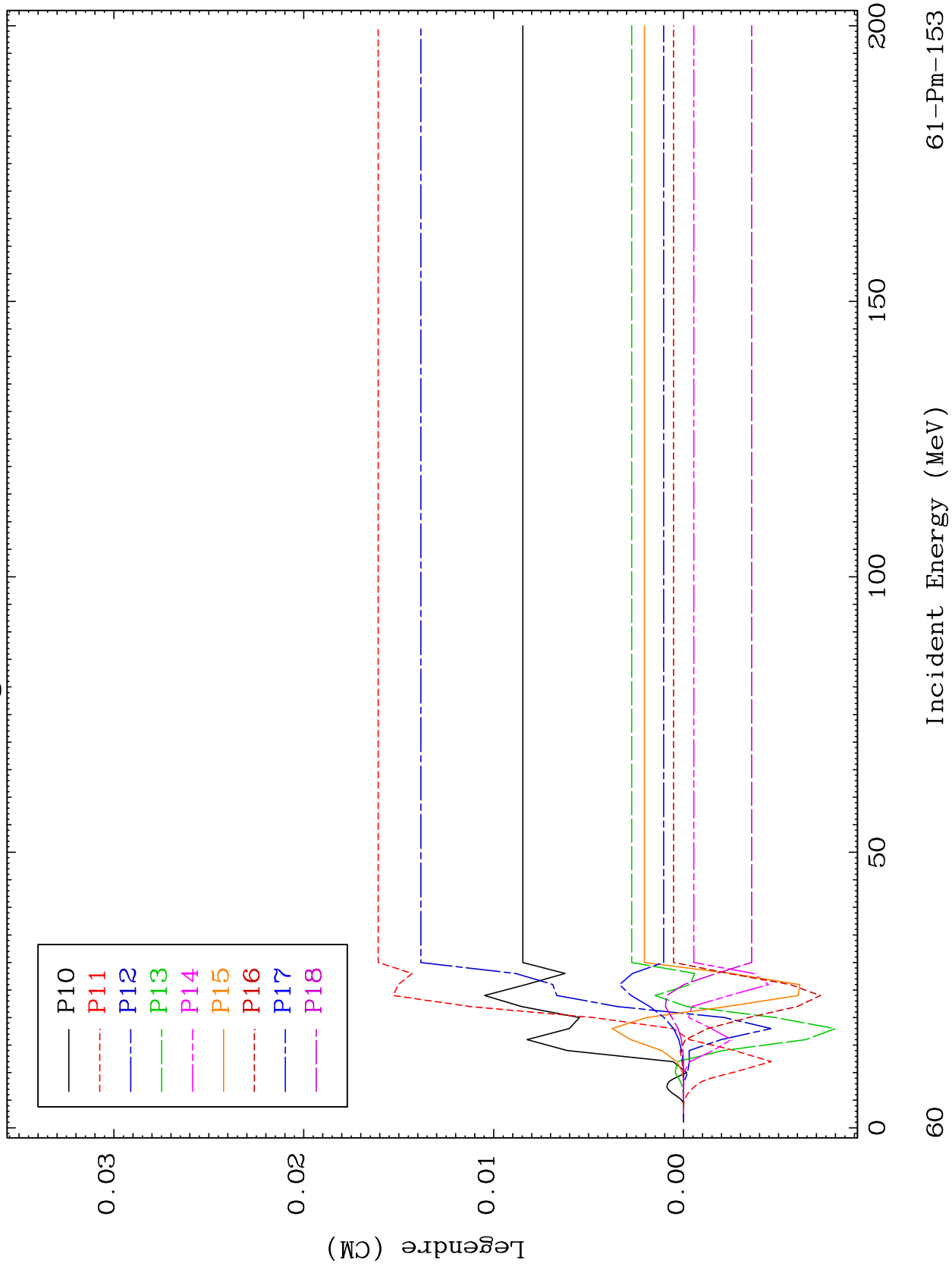


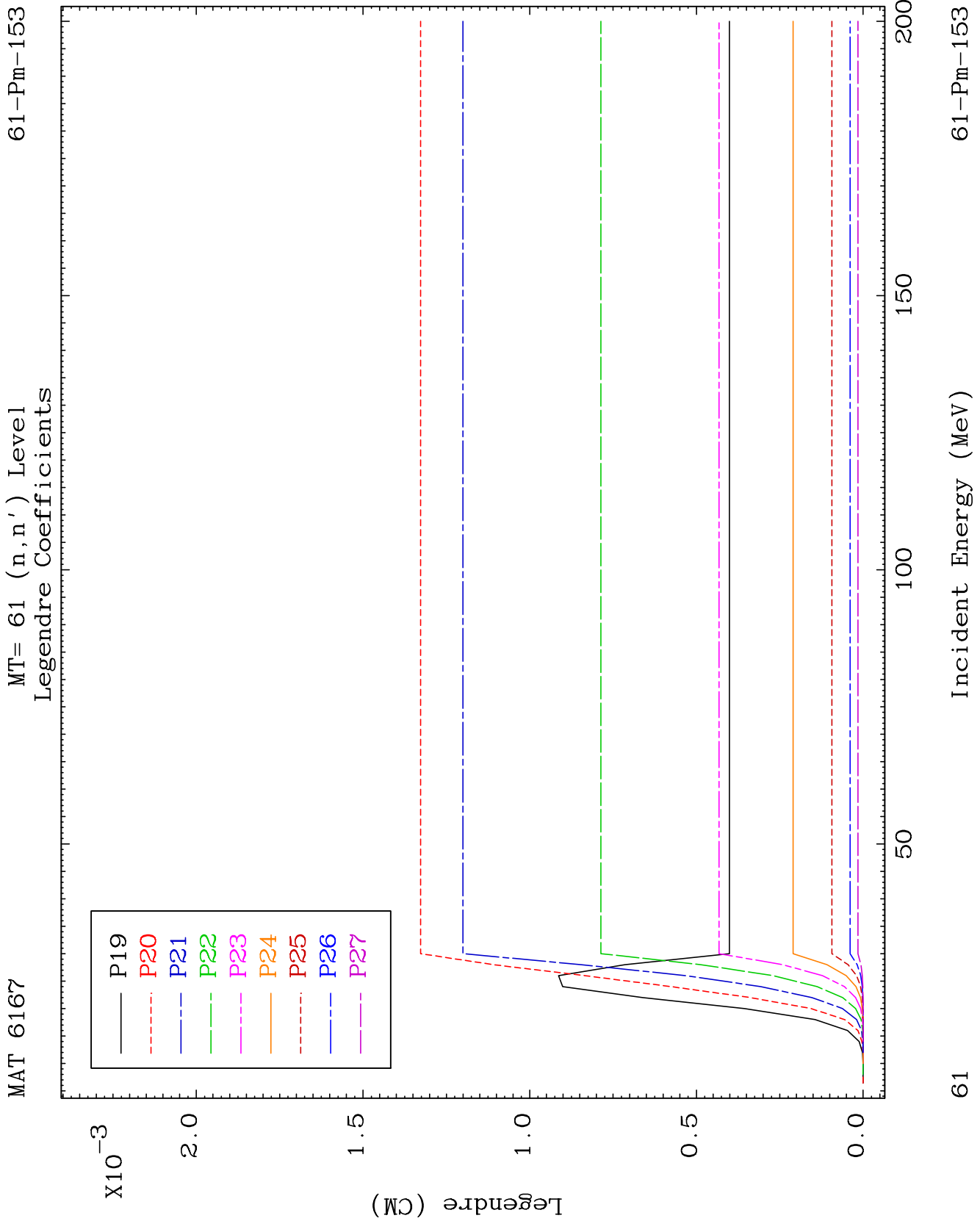


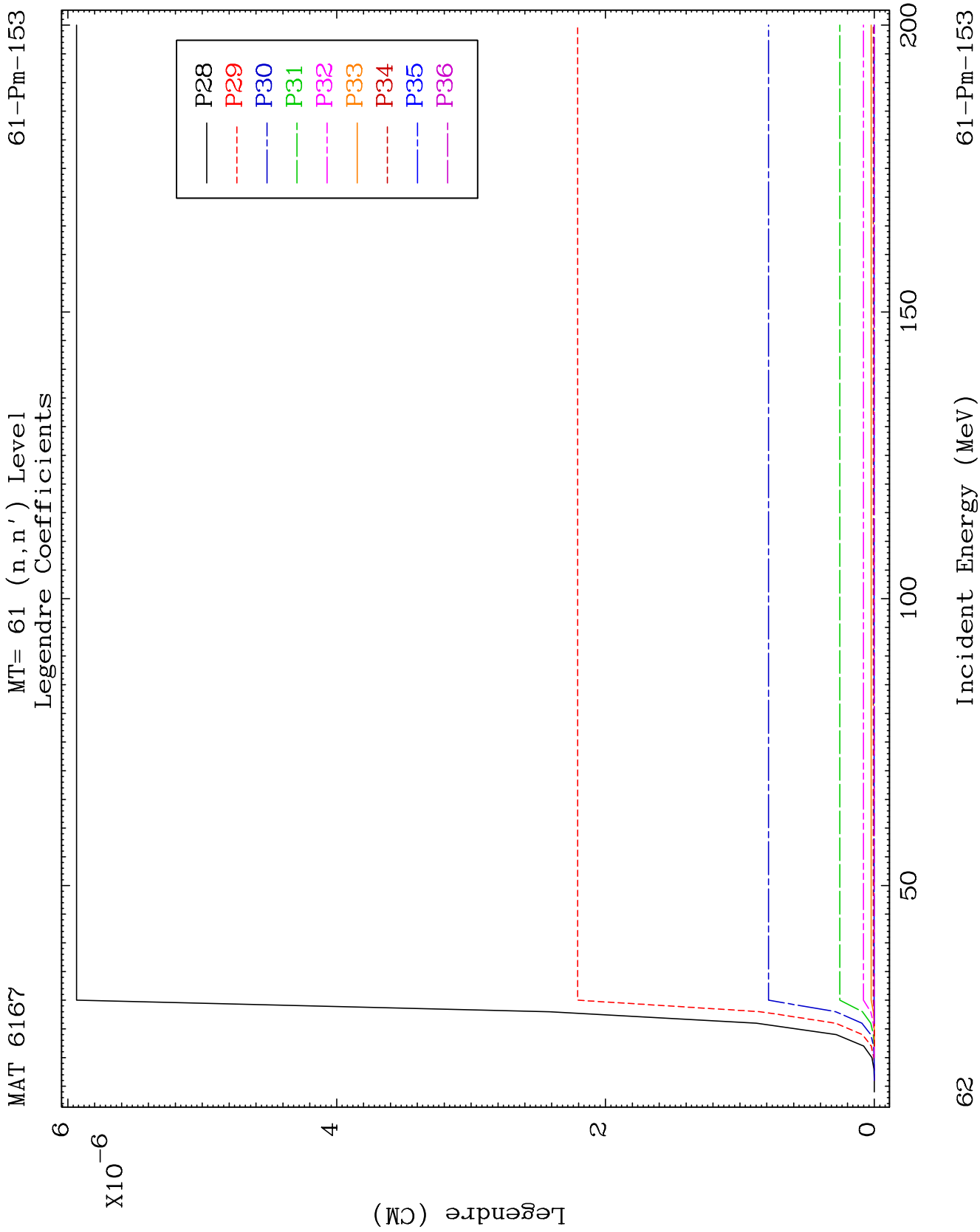
MAT 6167

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

61-Pm-153



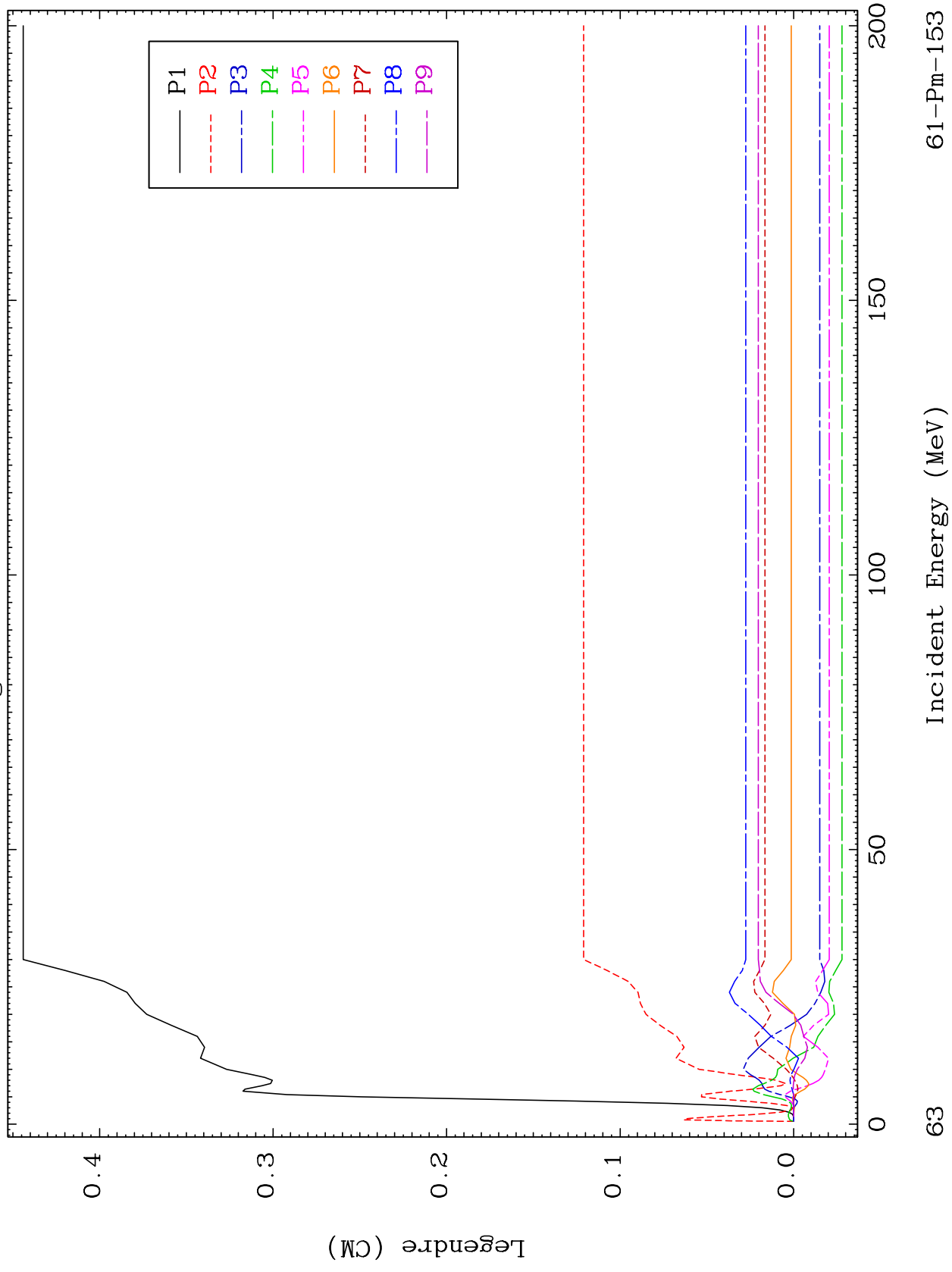




MAT 6167

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

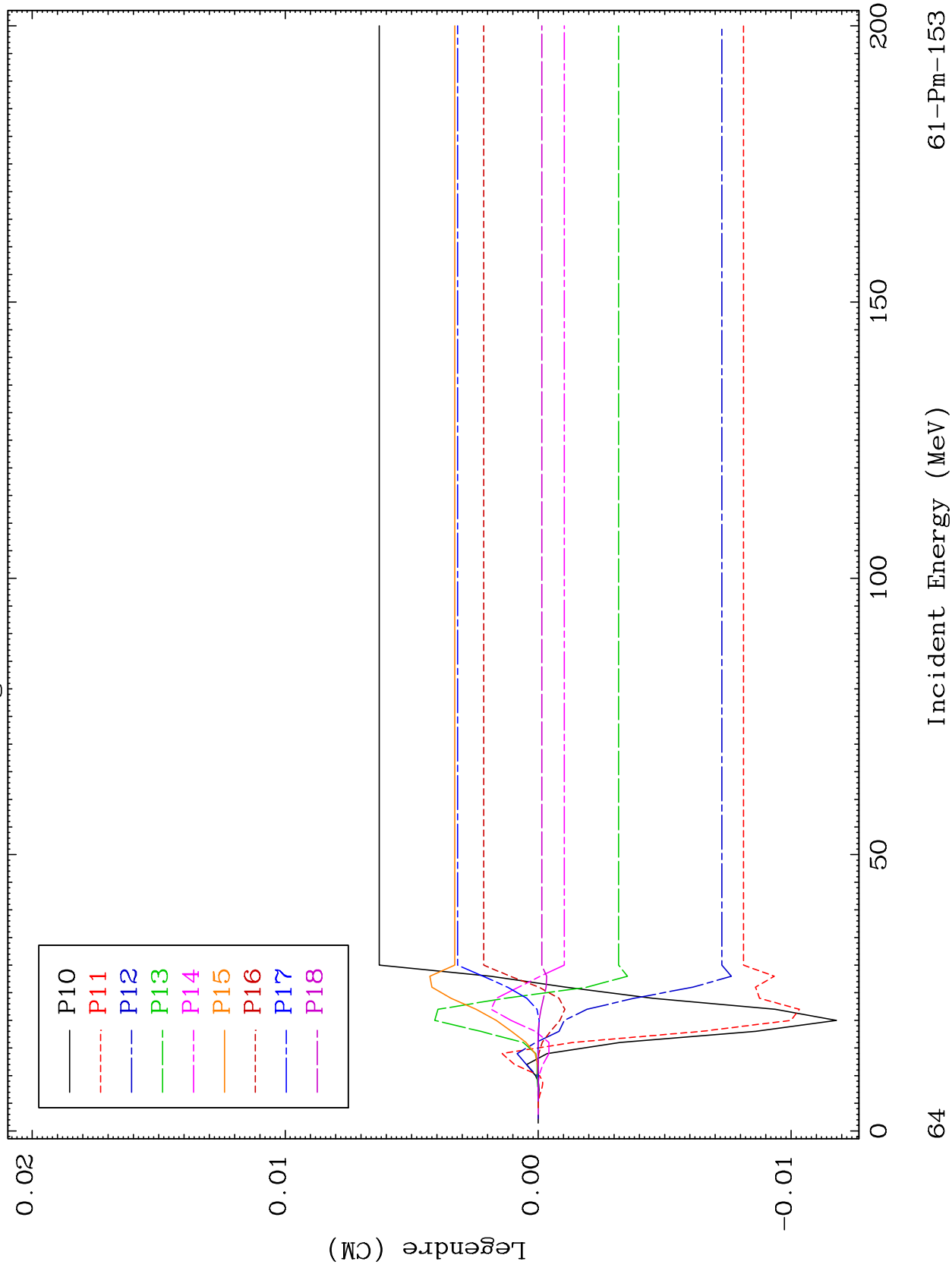
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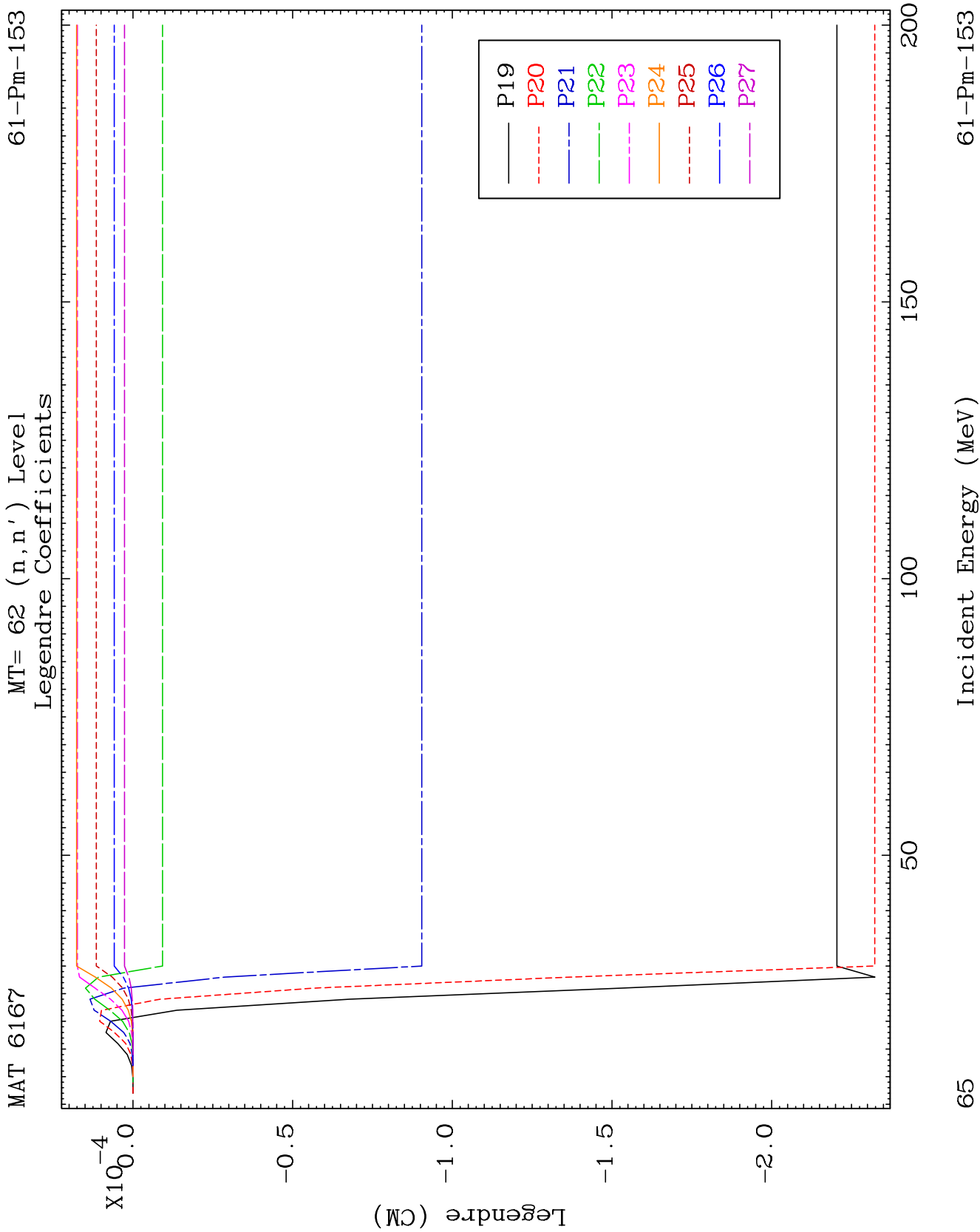


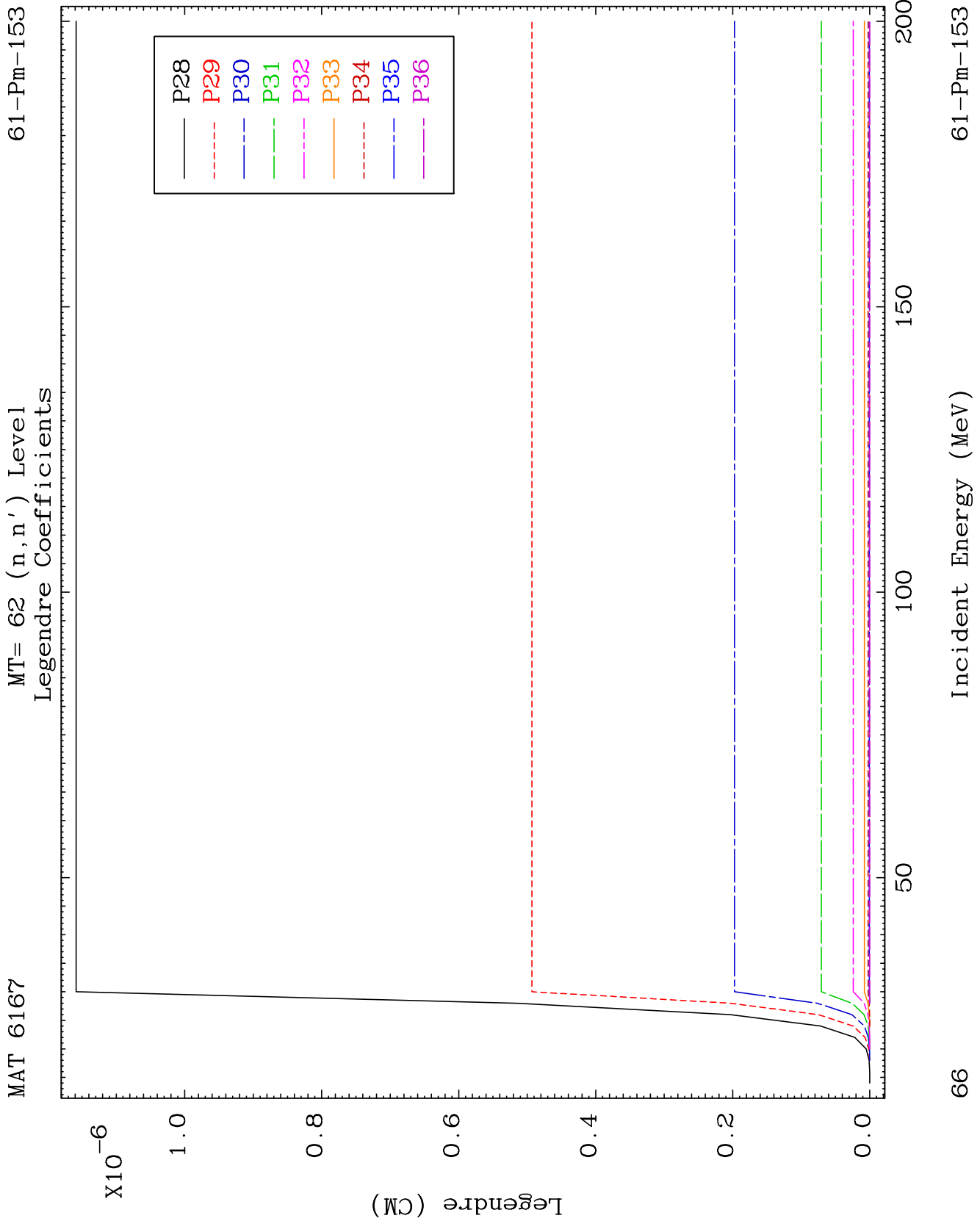
MAT 6167

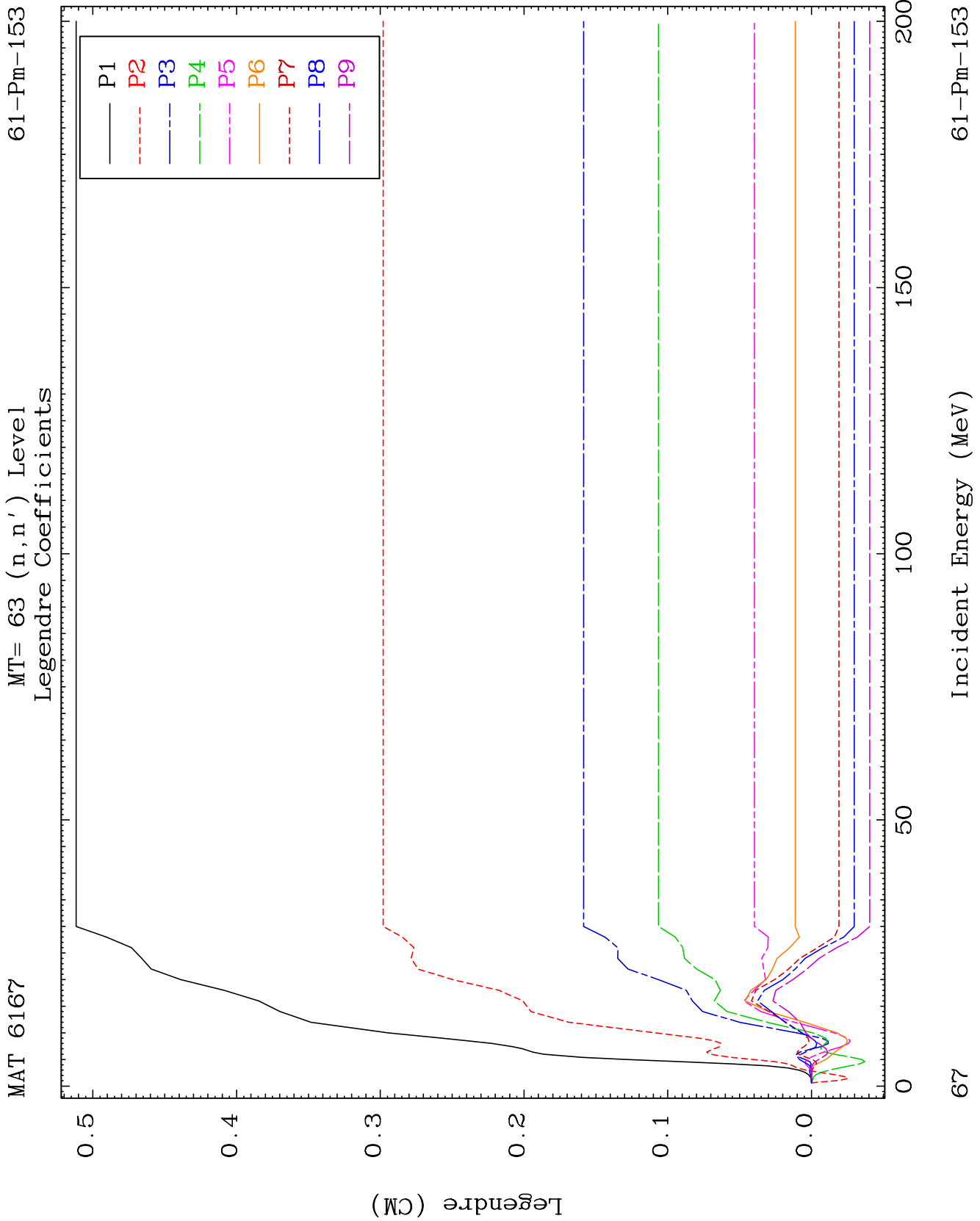
MT= 62 (n, n') Level
Legendre Coefficients

61-Pm-153





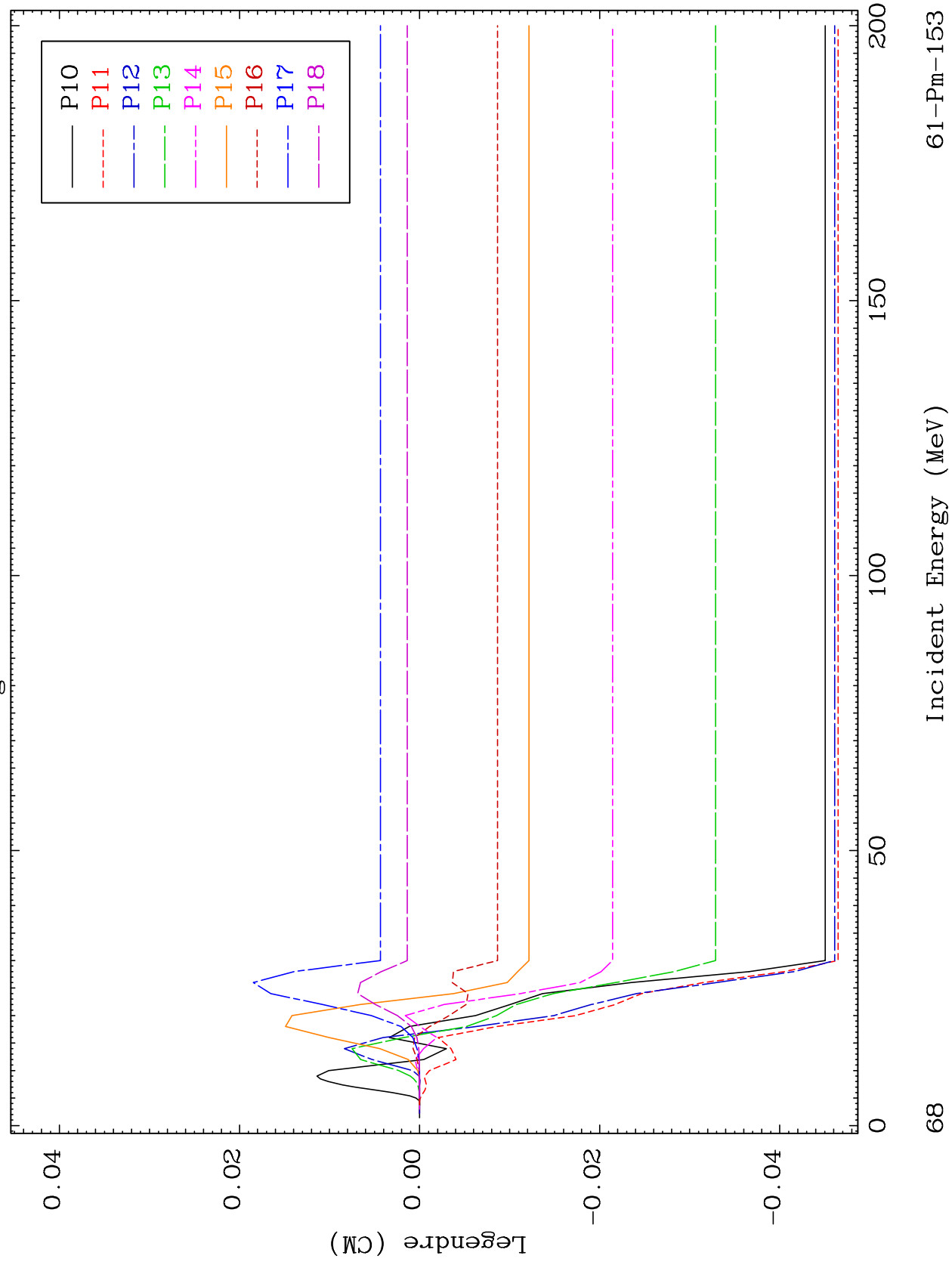


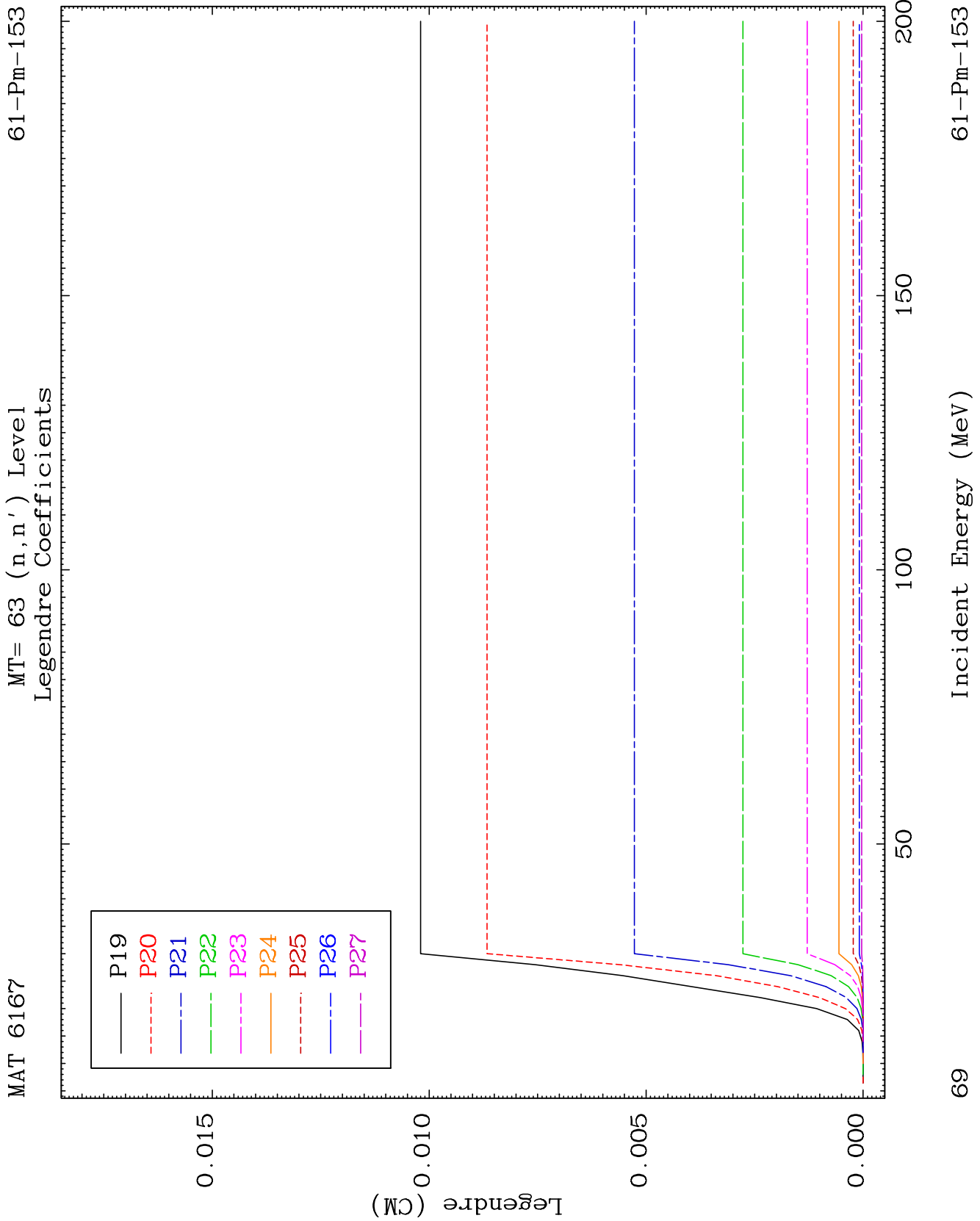


MAT 6167

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

61-Pm-153

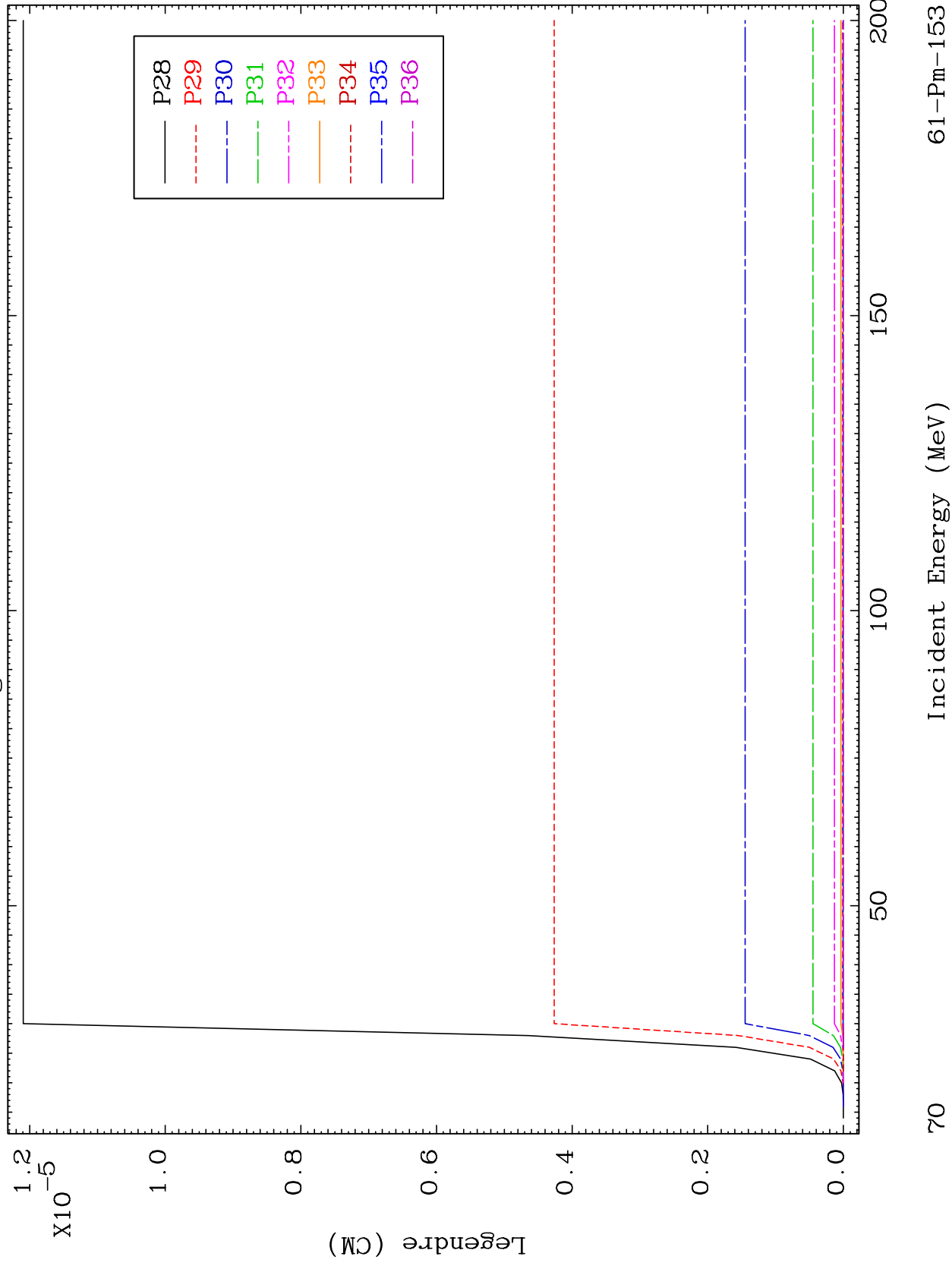




MAT 6167

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

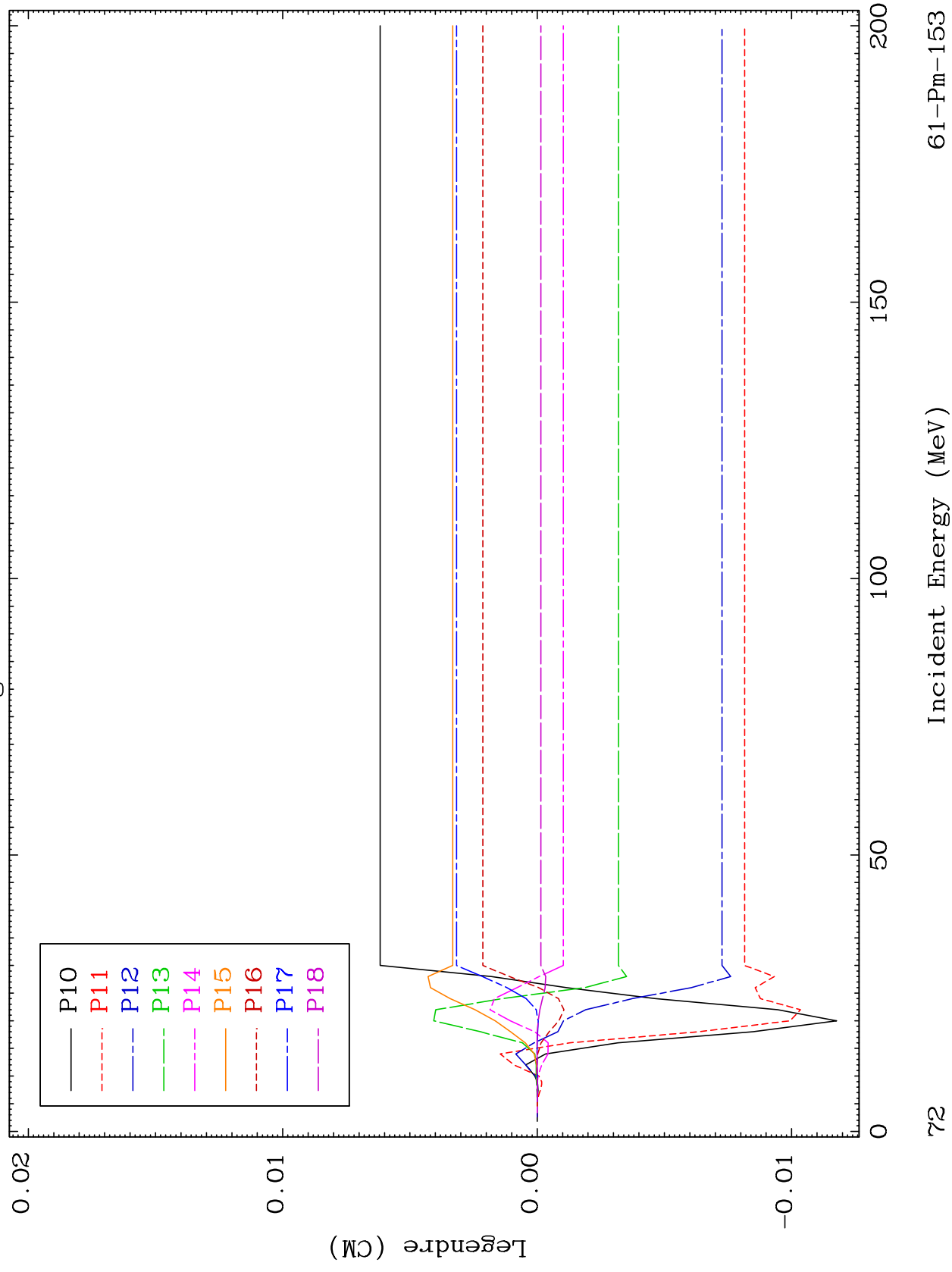
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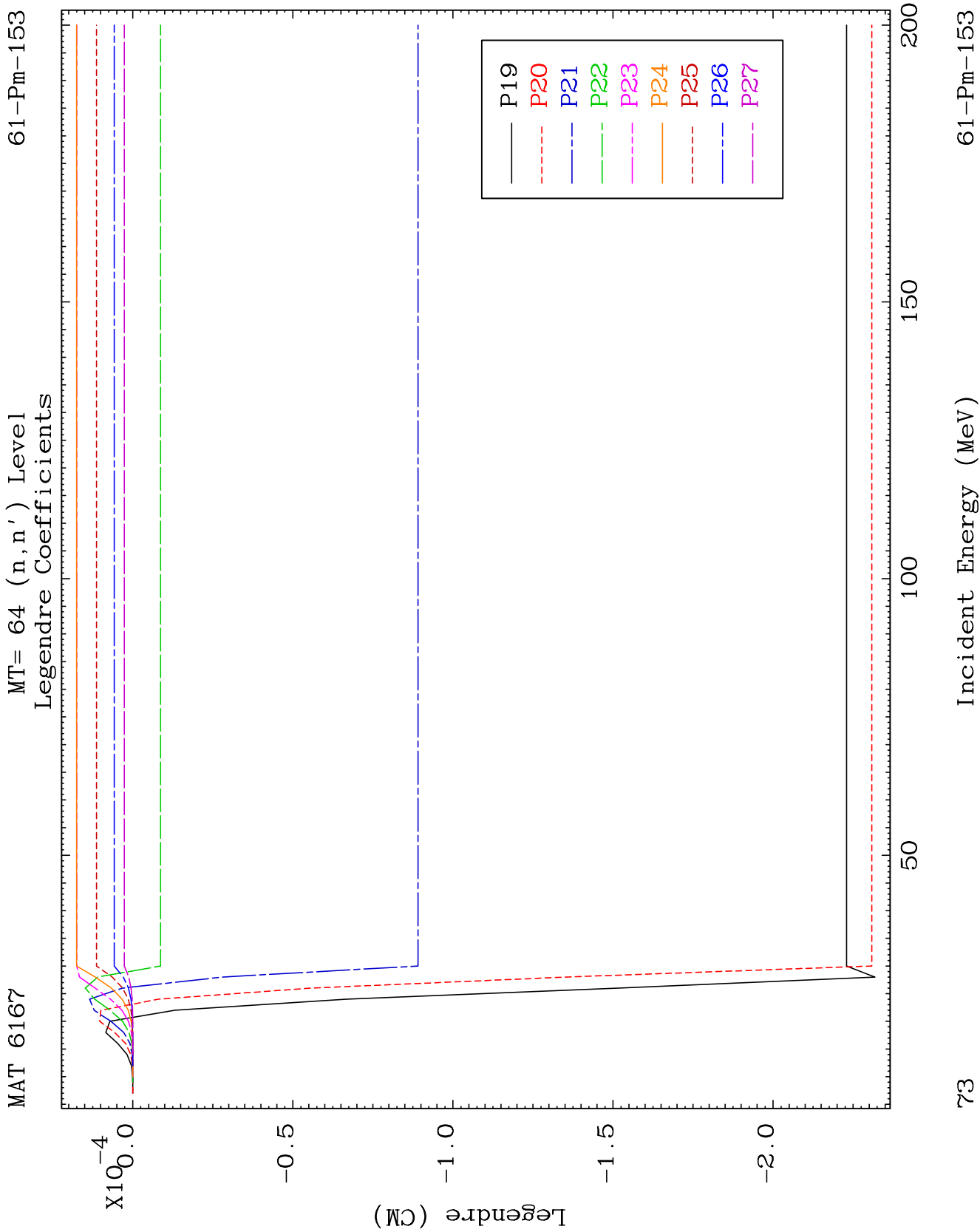


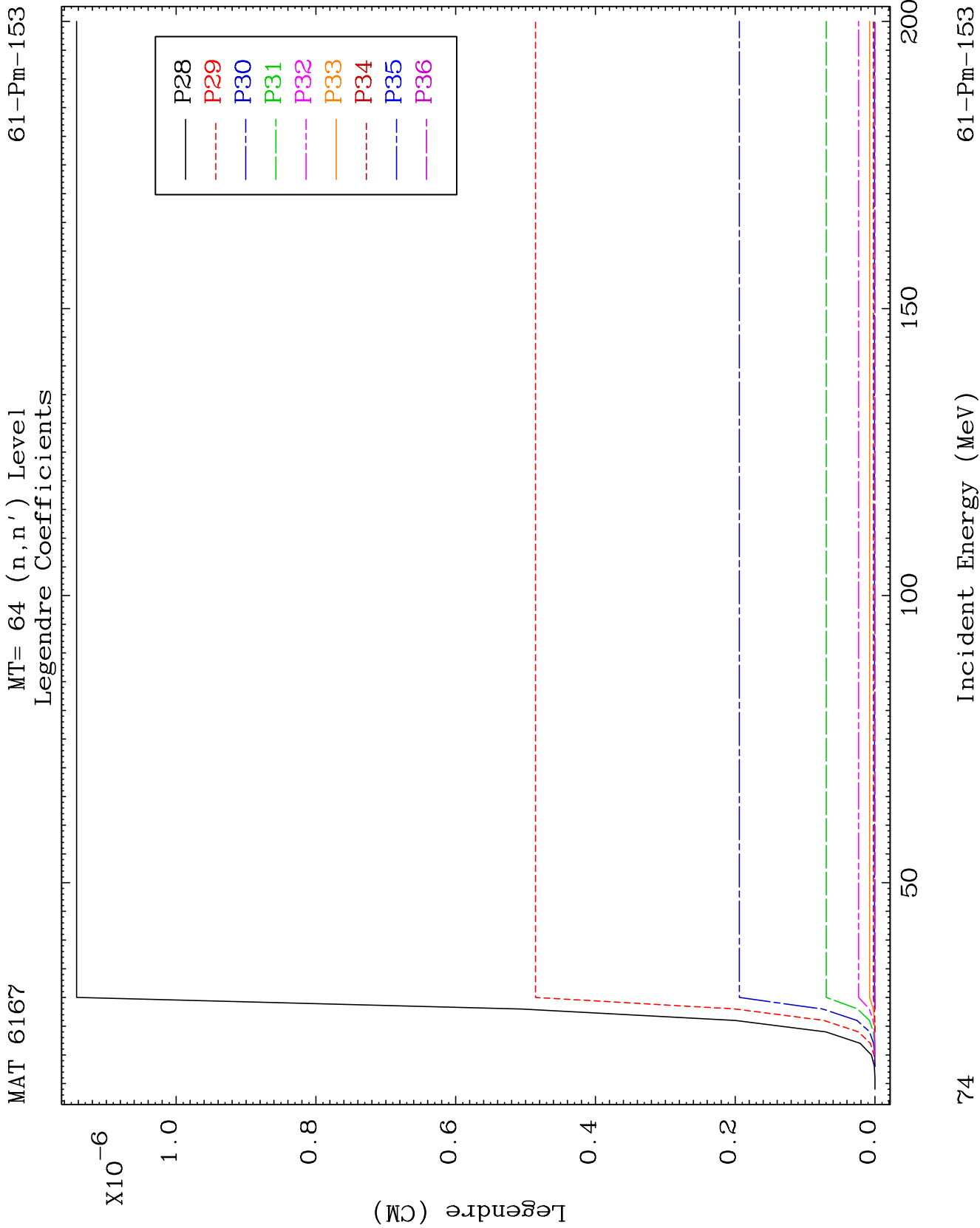
MAT 6167

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

61-Pm-153



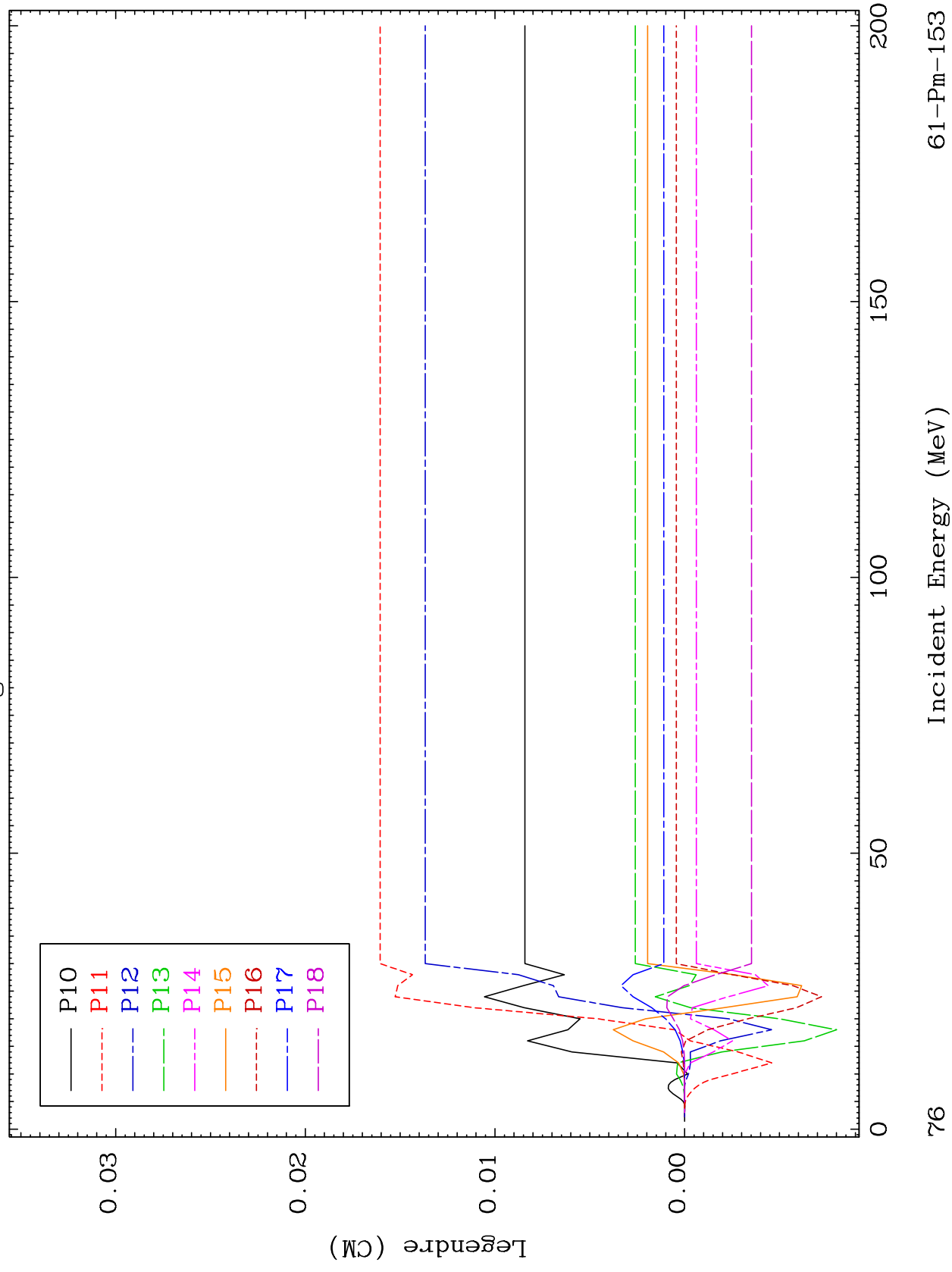


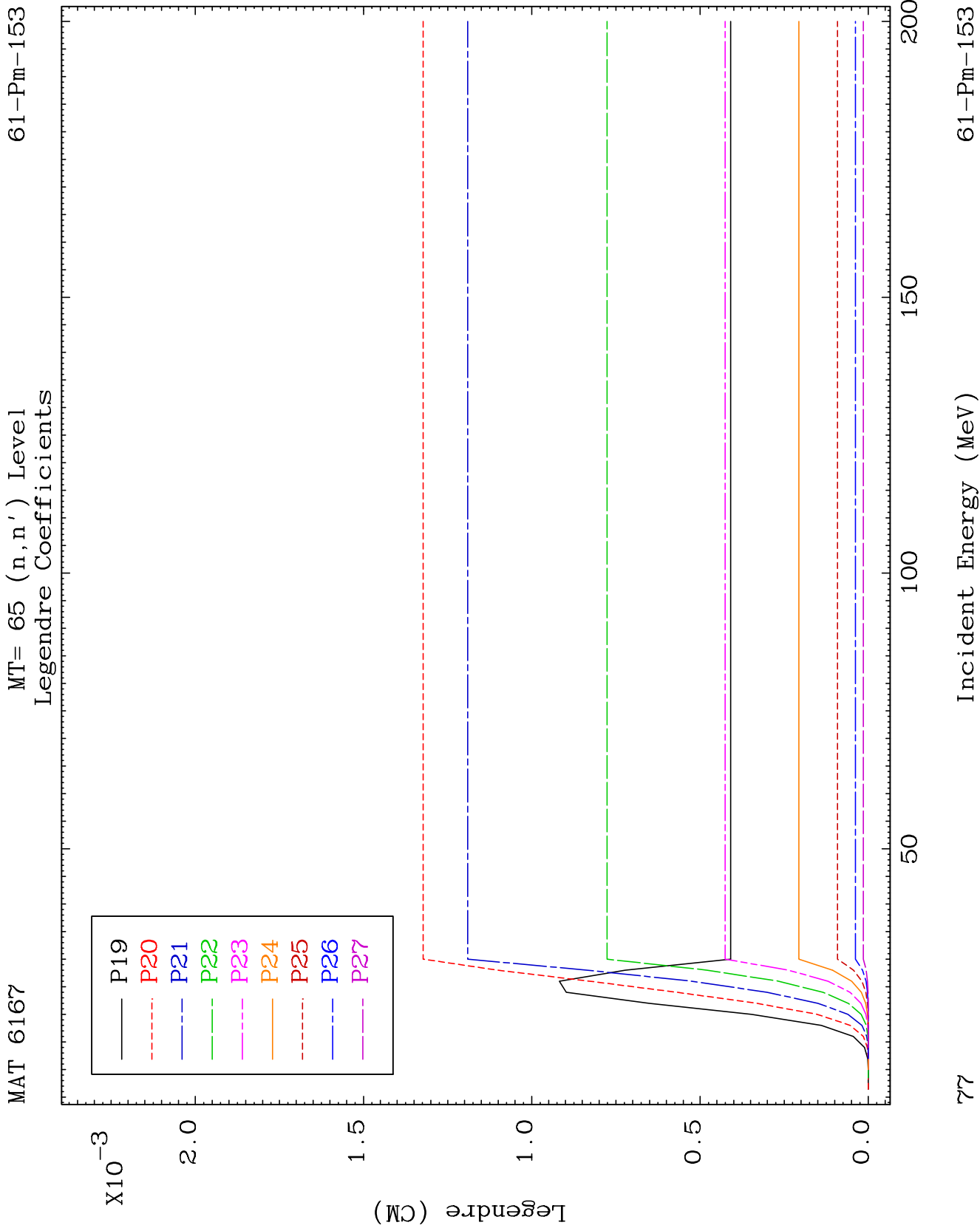


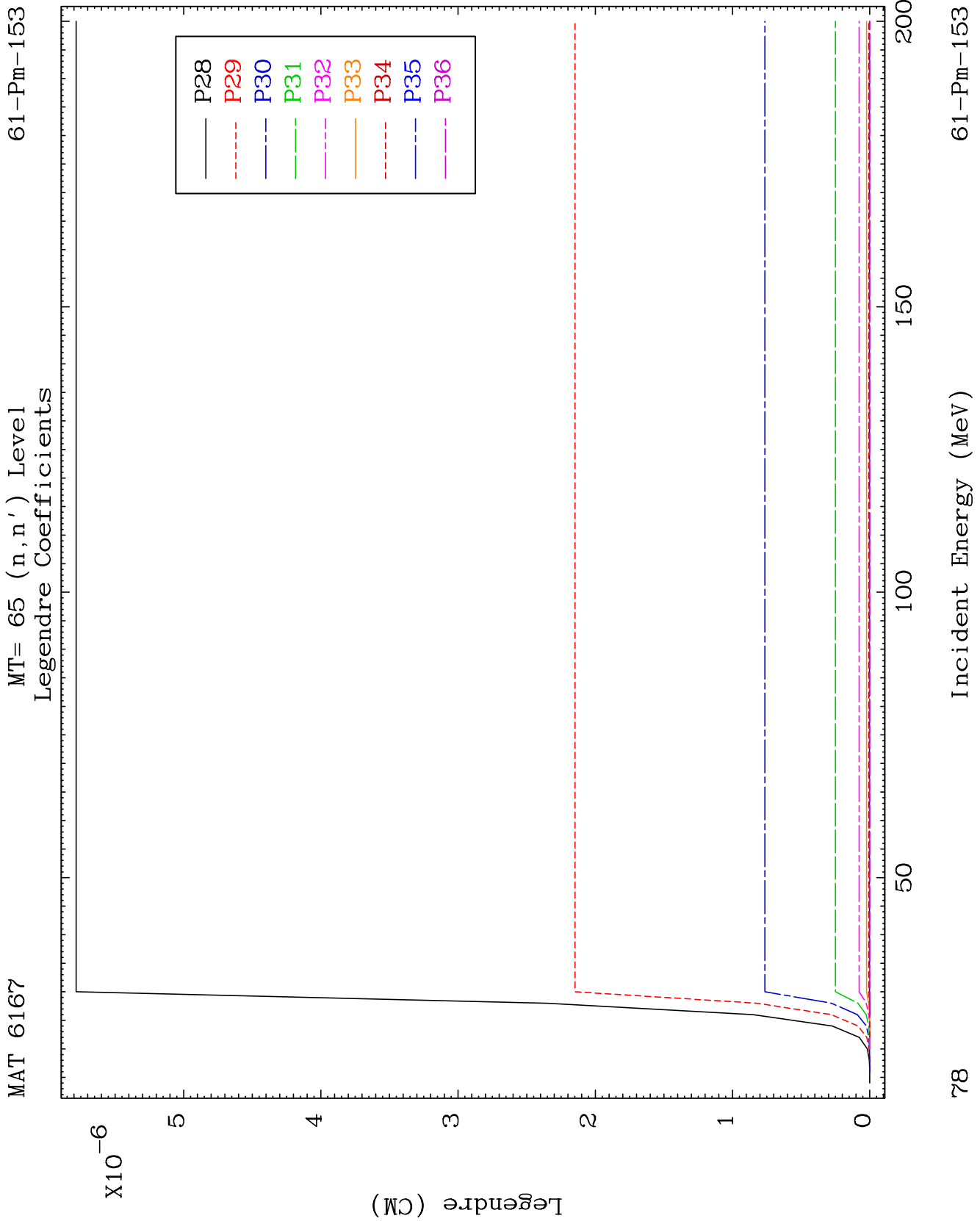
MAT 6167

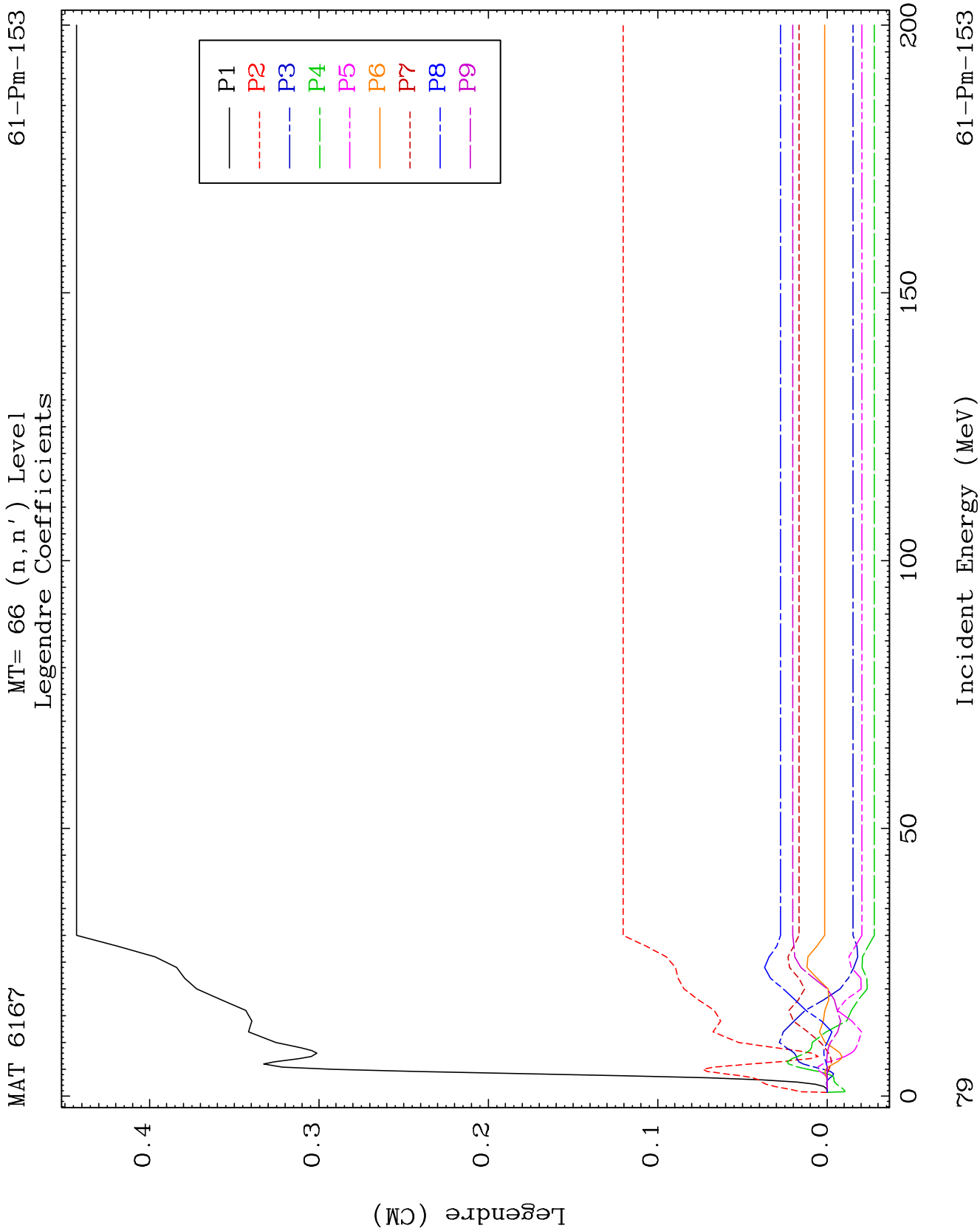
MT= 65 (n, n') Level
Legendre Coefficients

61-Pm-153





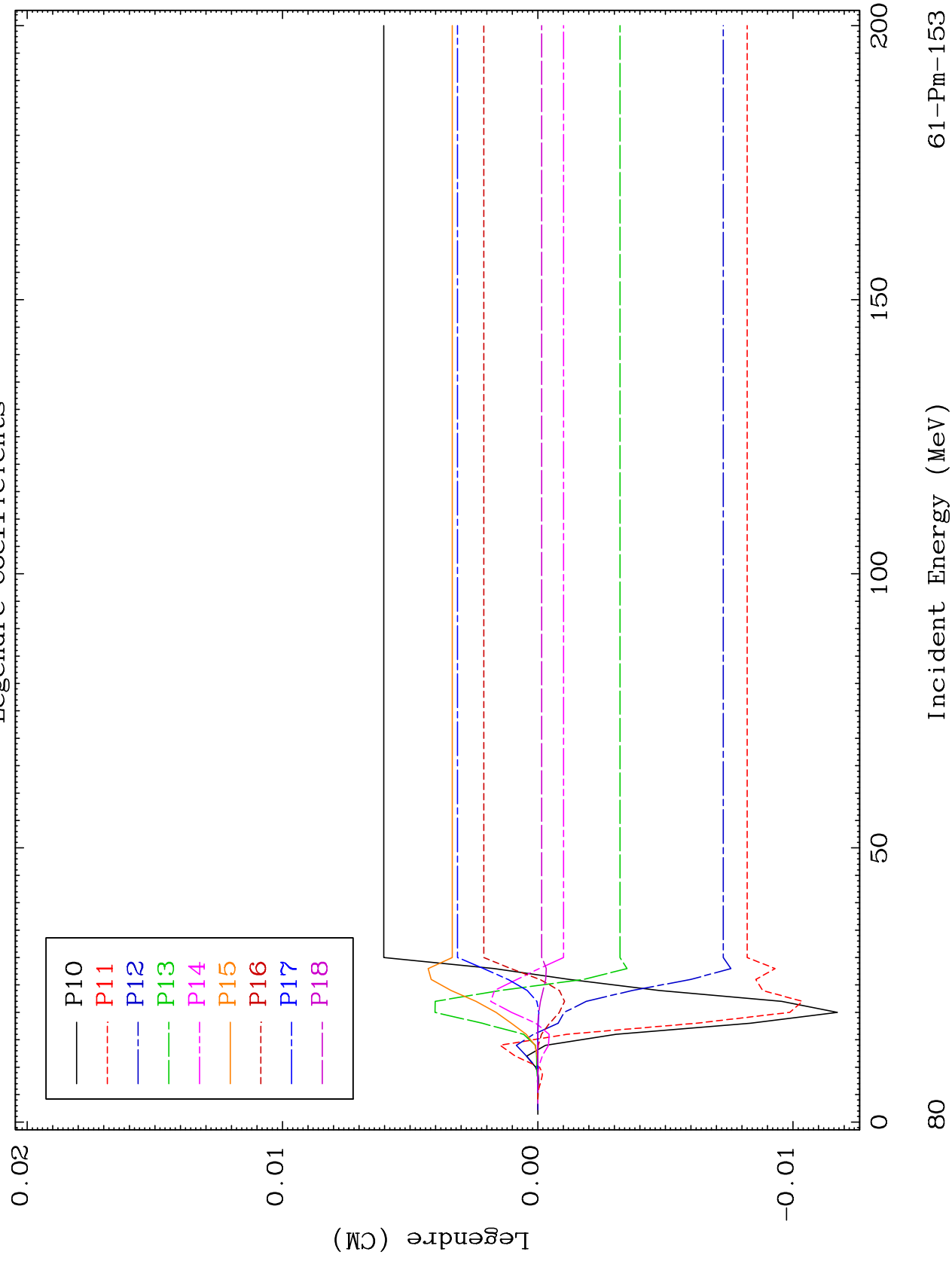


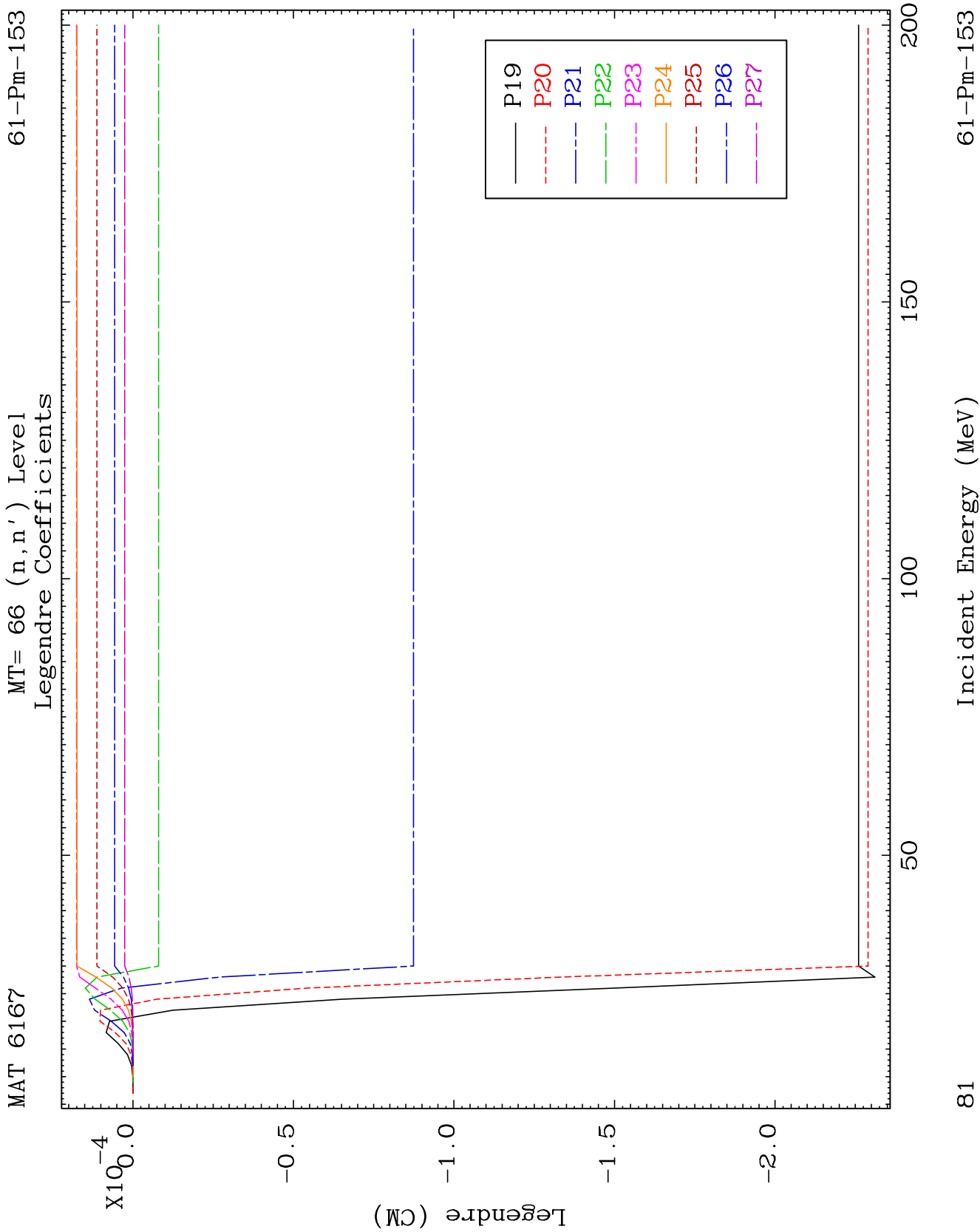


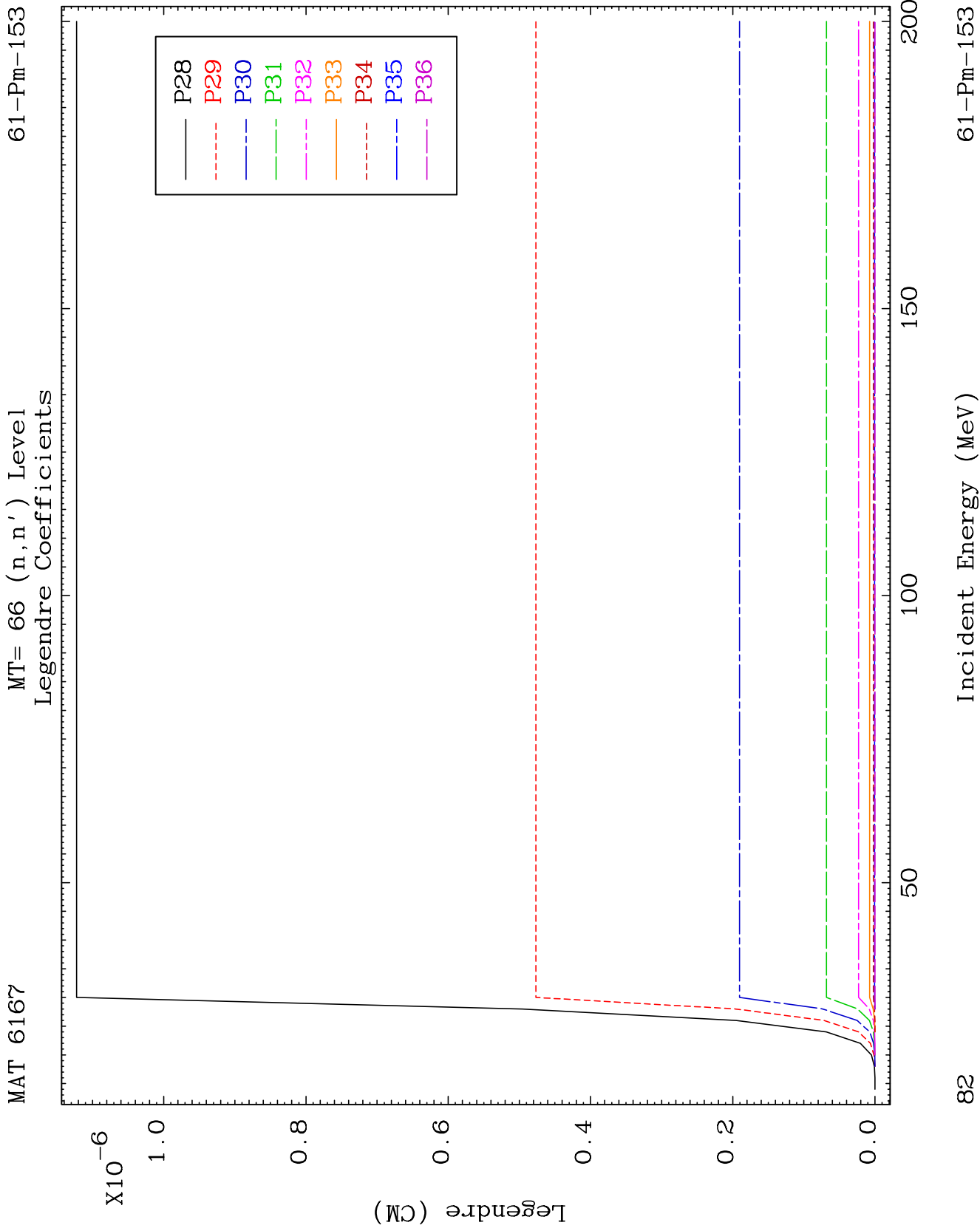
MAT 6167

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

61-Pm-153



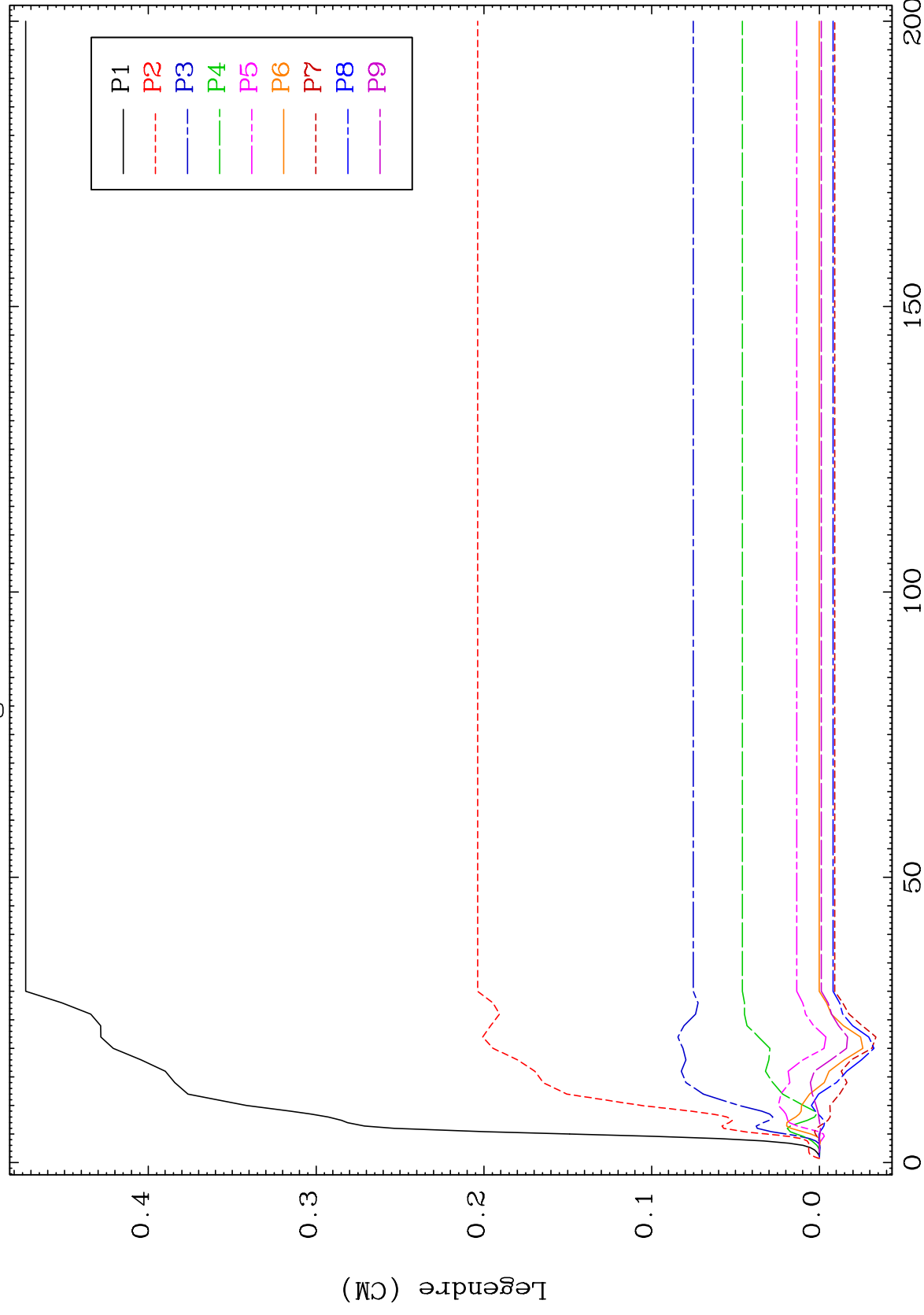




MAT 6167

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

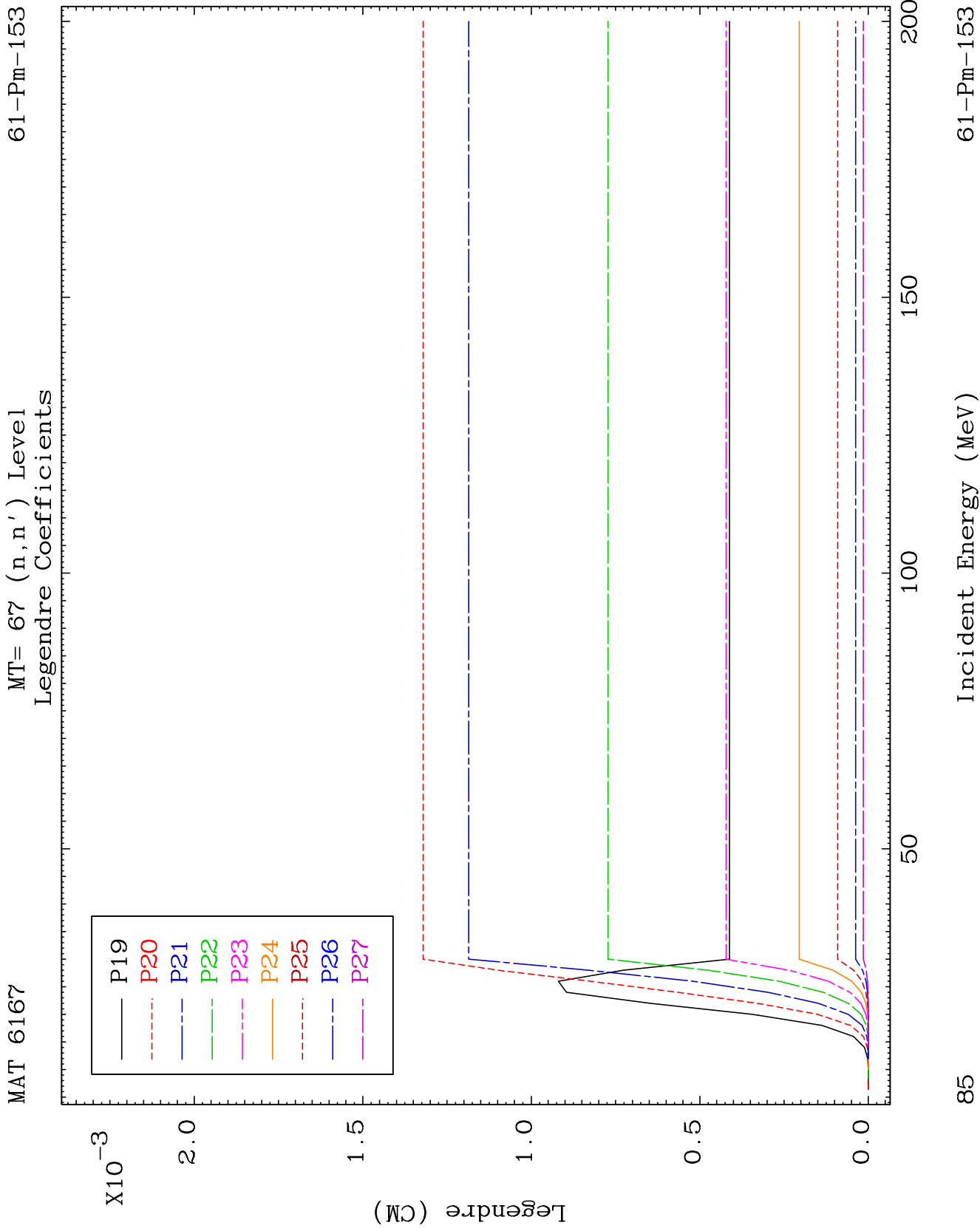
61-Pm-153

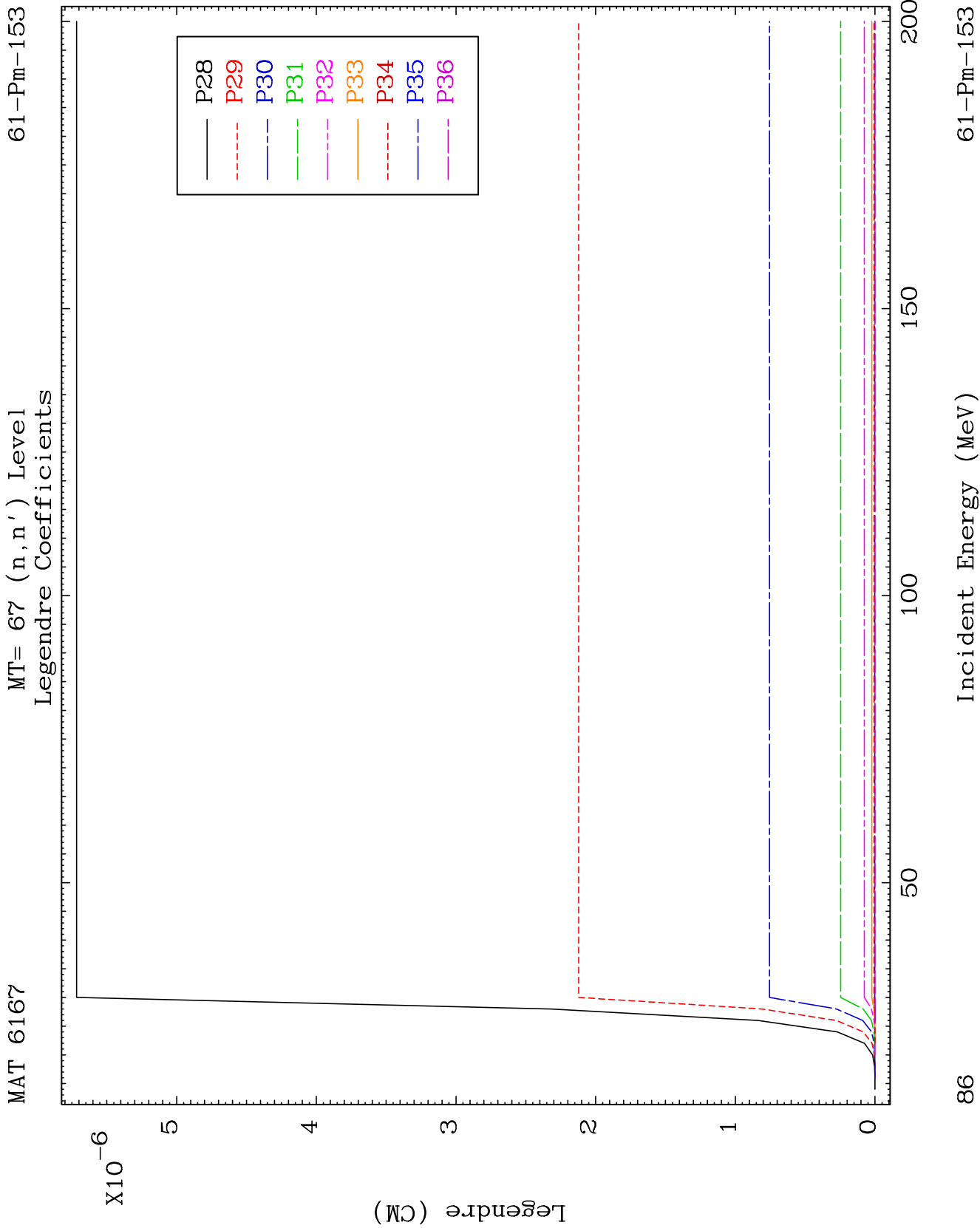


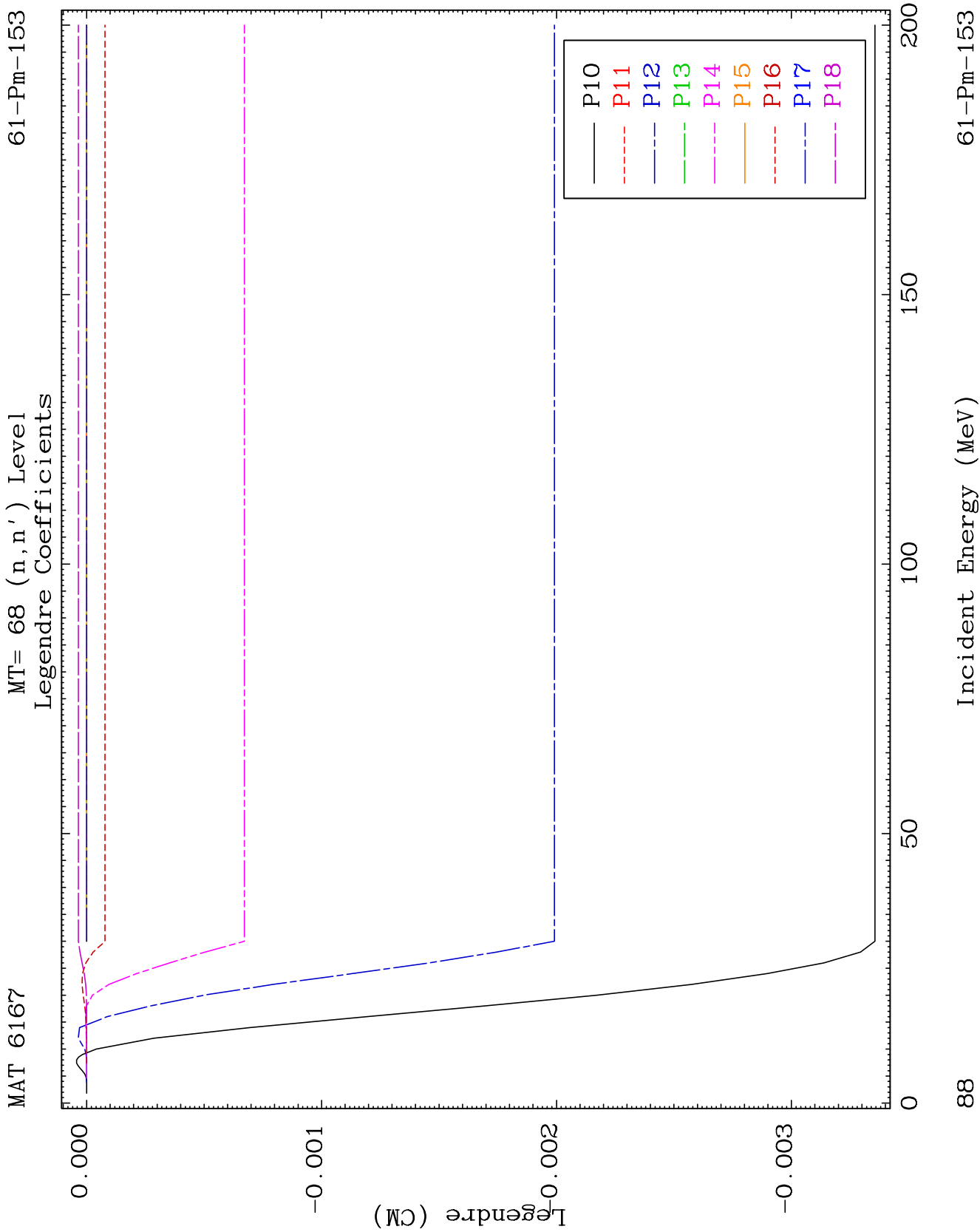
38

Incident Energy (MeV)

61-Pm-153



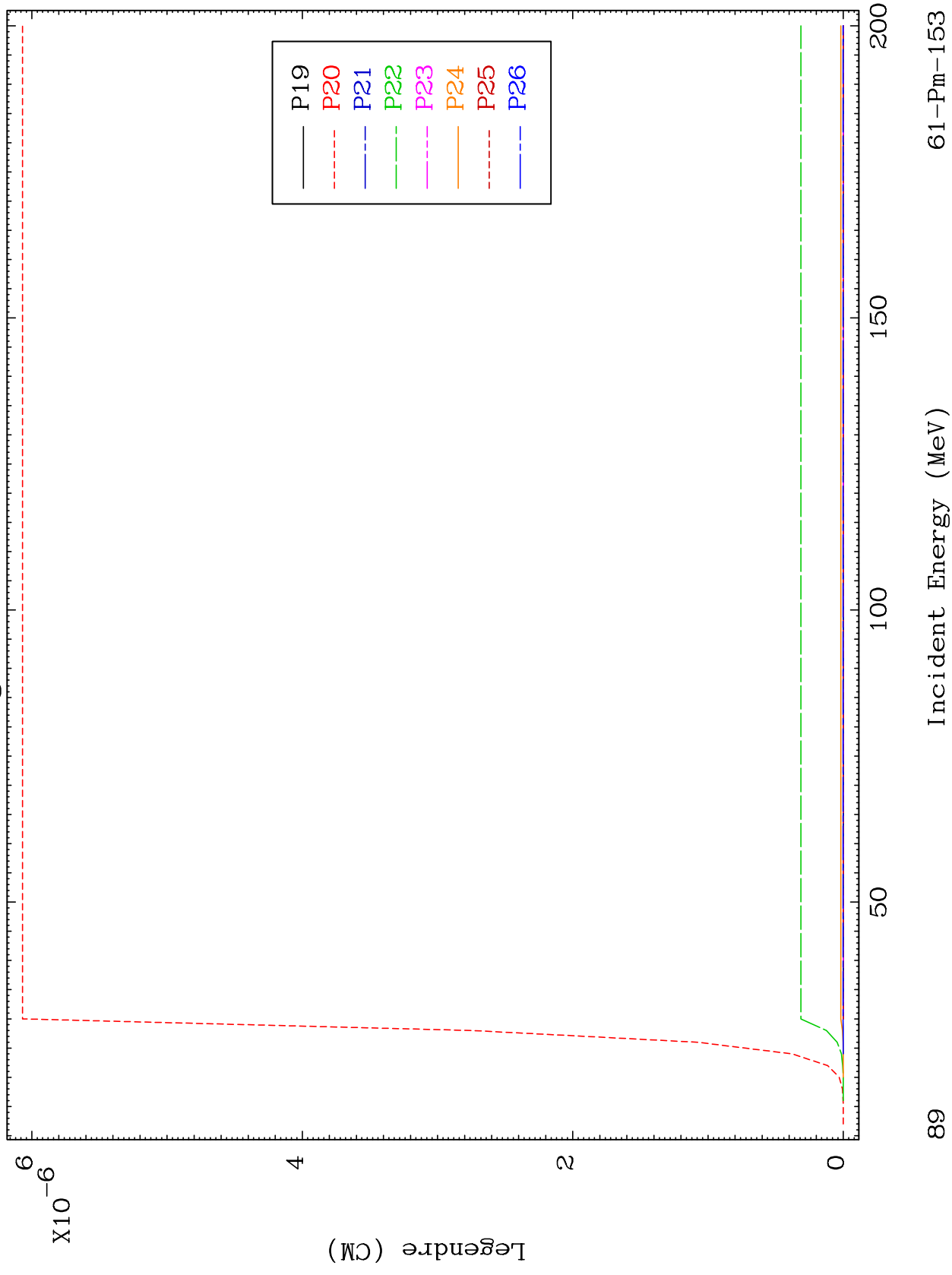




MAT 6167

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

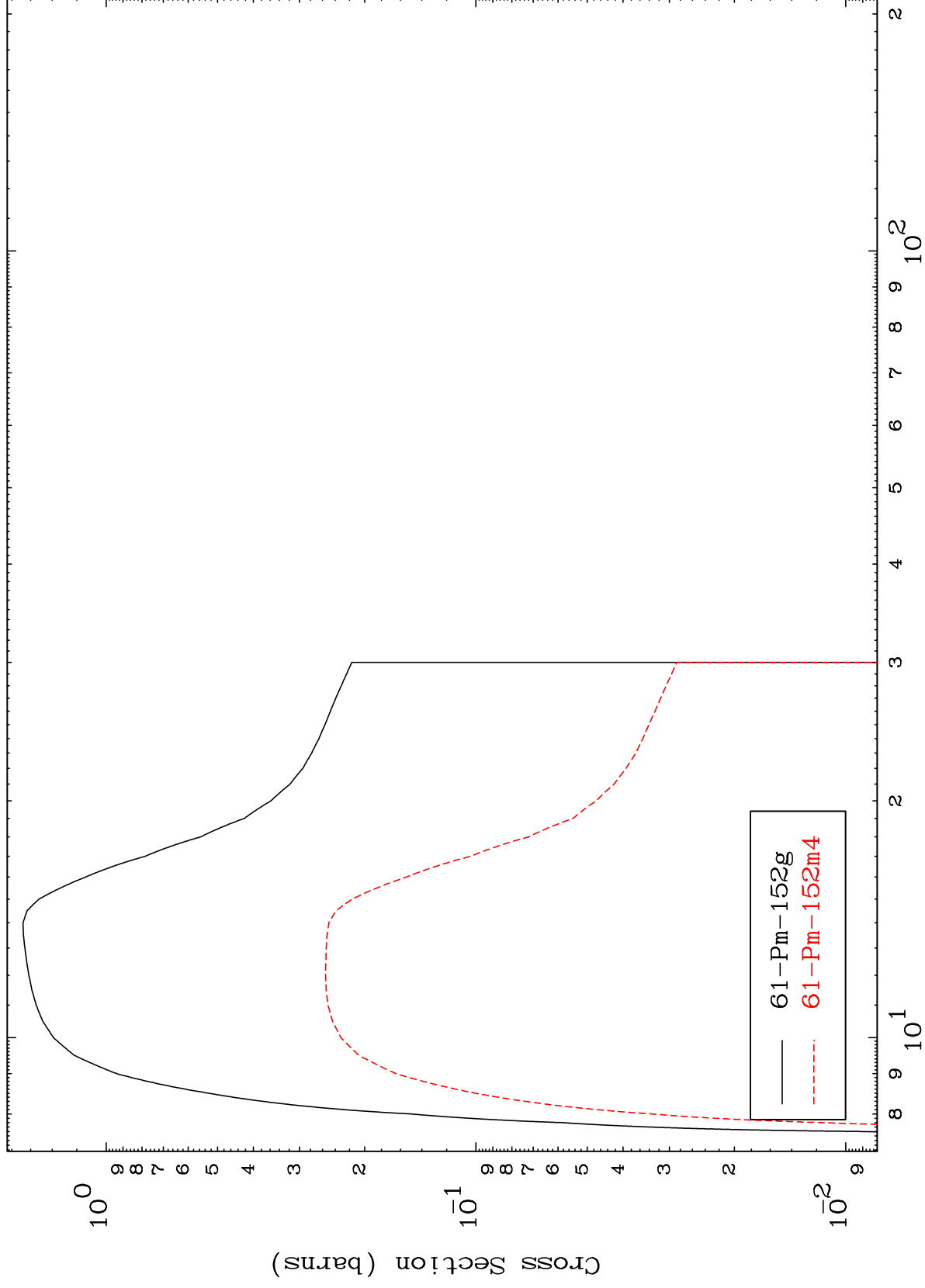
61-Pm-153



MAT 6167

61-Pm-153

(n,2n)
Radionuclide Production Cross Section



90

61-Pm-153

Radionuclide Production Cross Section

