

Program EVALPLOT
(Version 2018-1)

by

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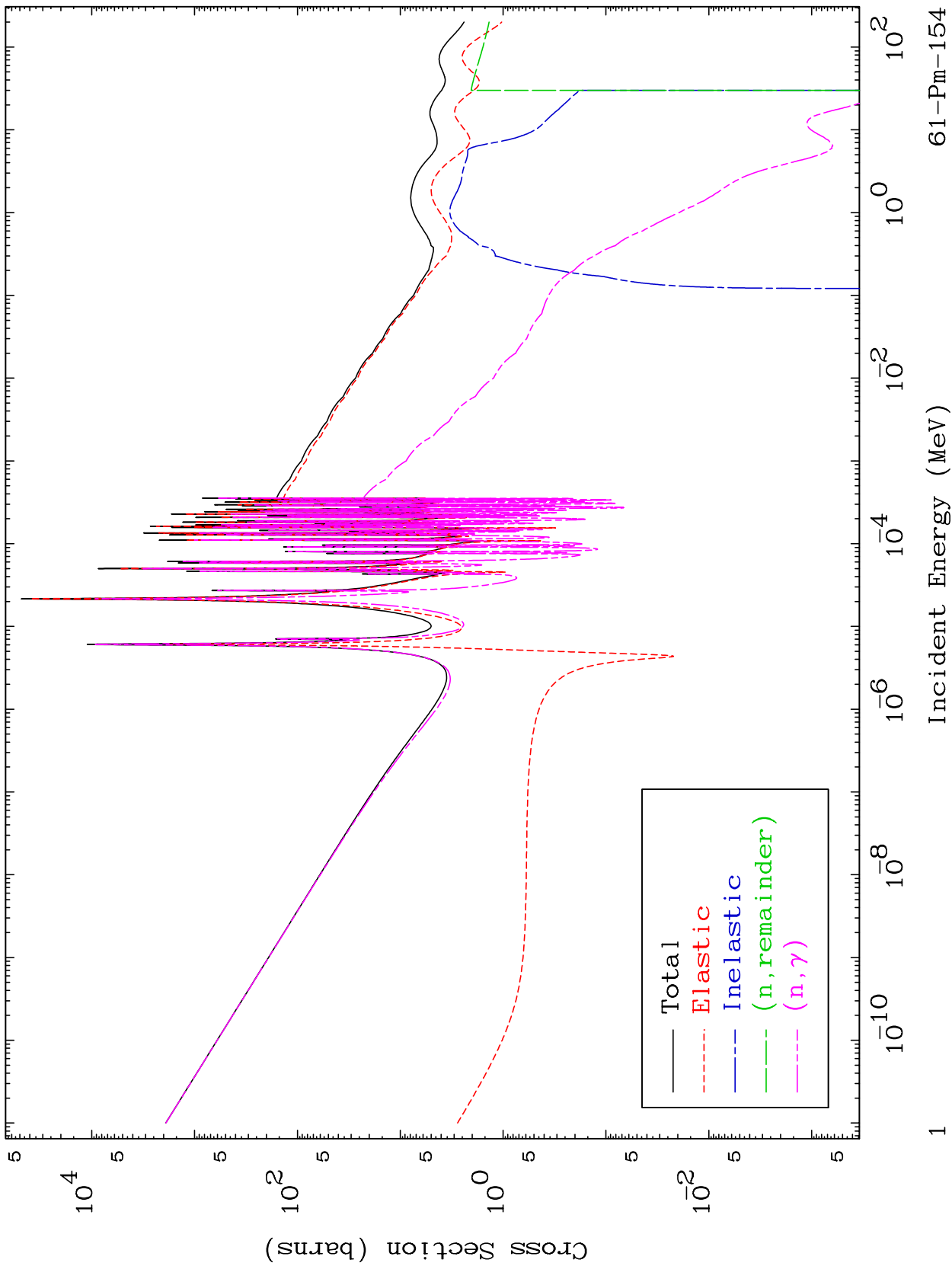
Press Mouse Button to Start

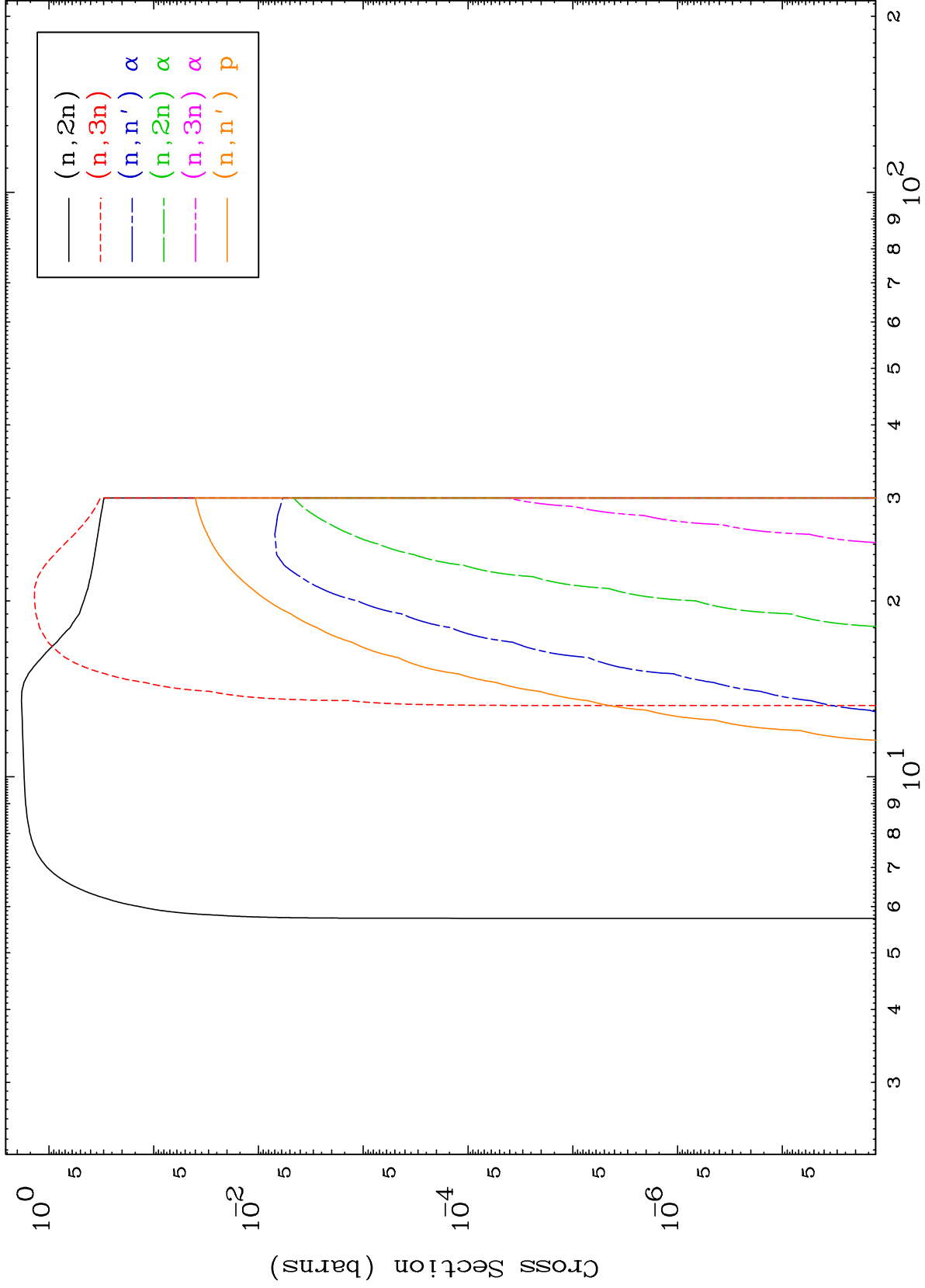
MAT 6170

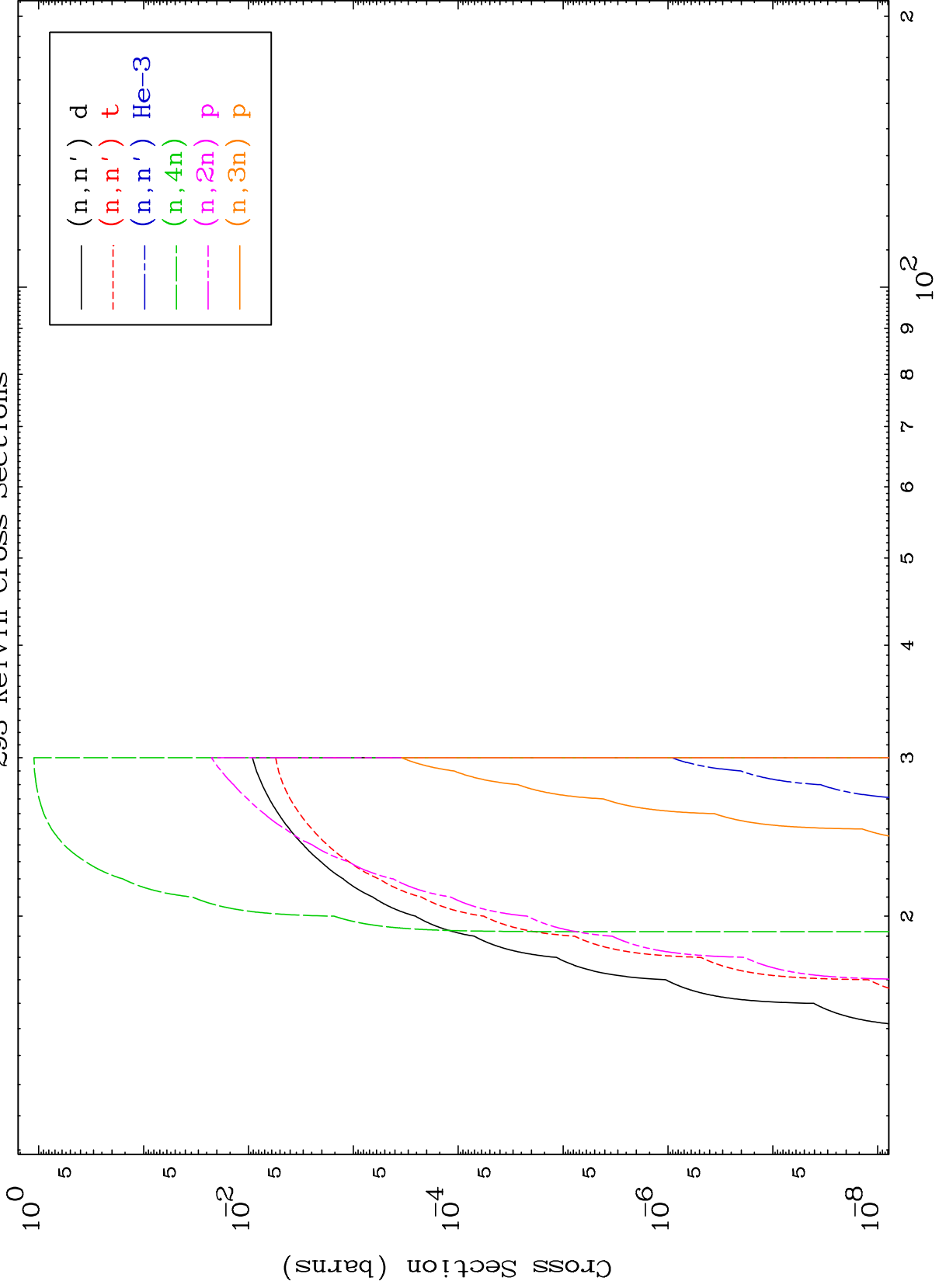
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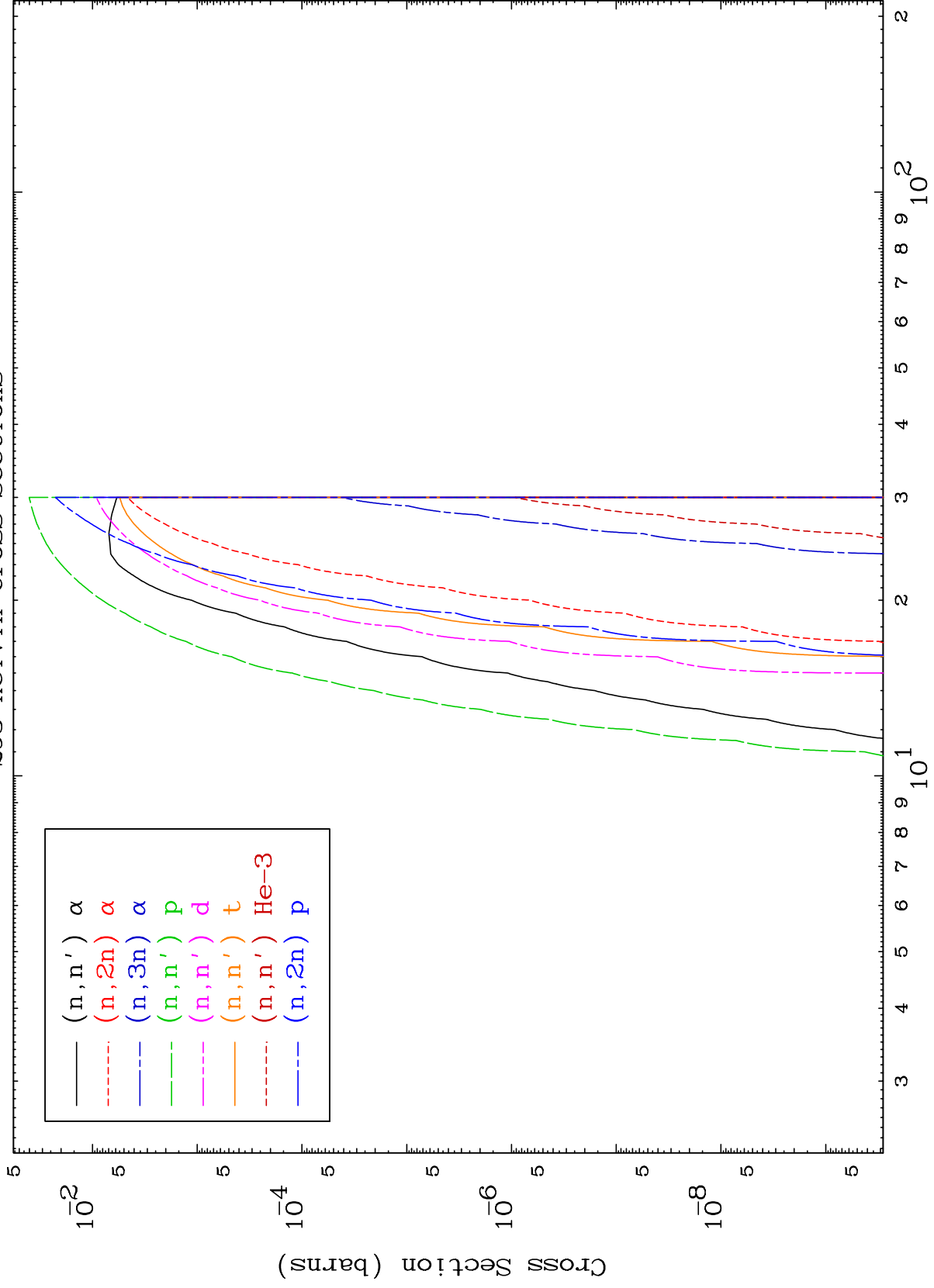
293 Kelvin Cross Sections

61-Pm-154





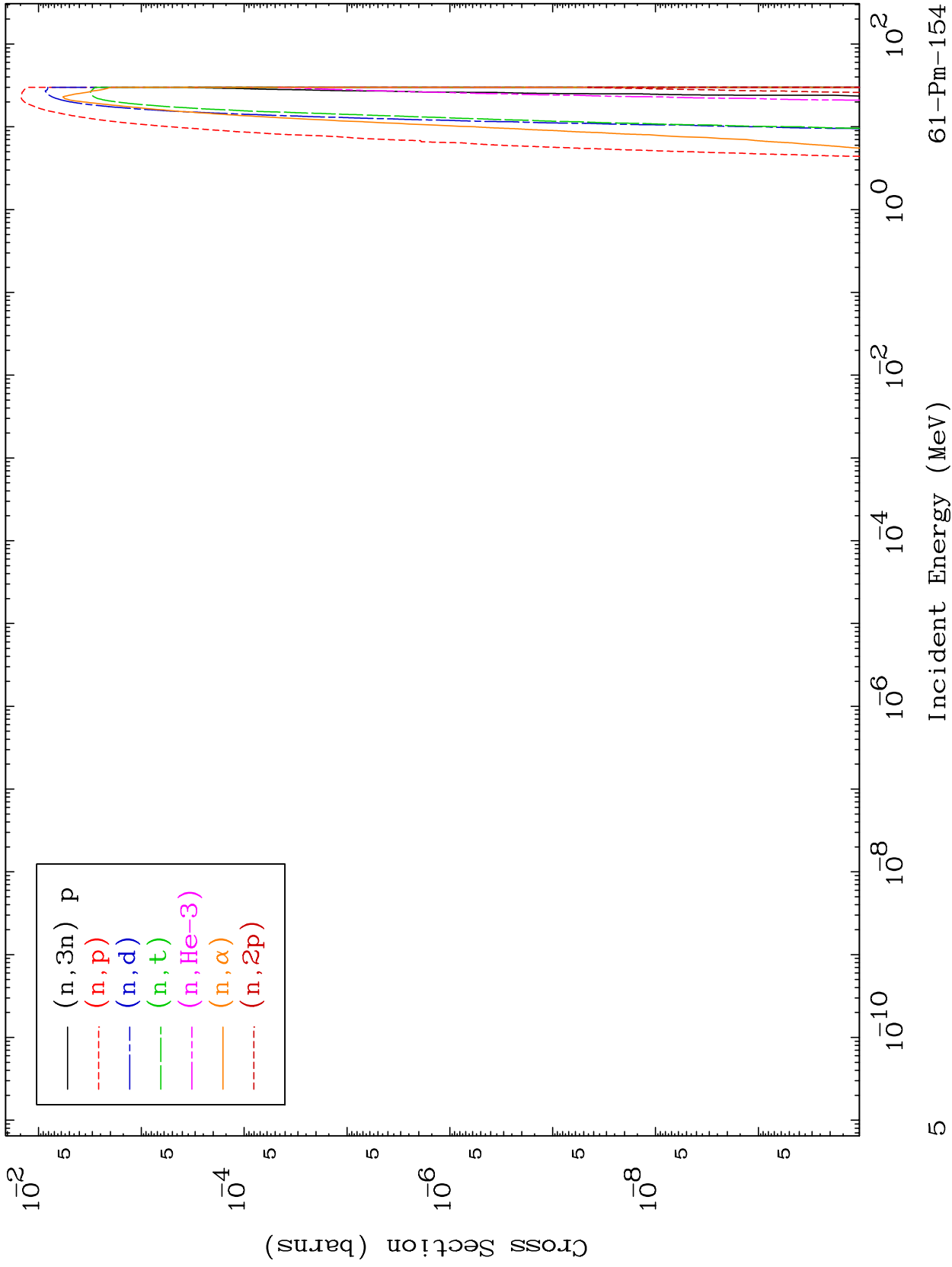




MAT 6170

Charged Particle
293 Kelvin Cross Sections

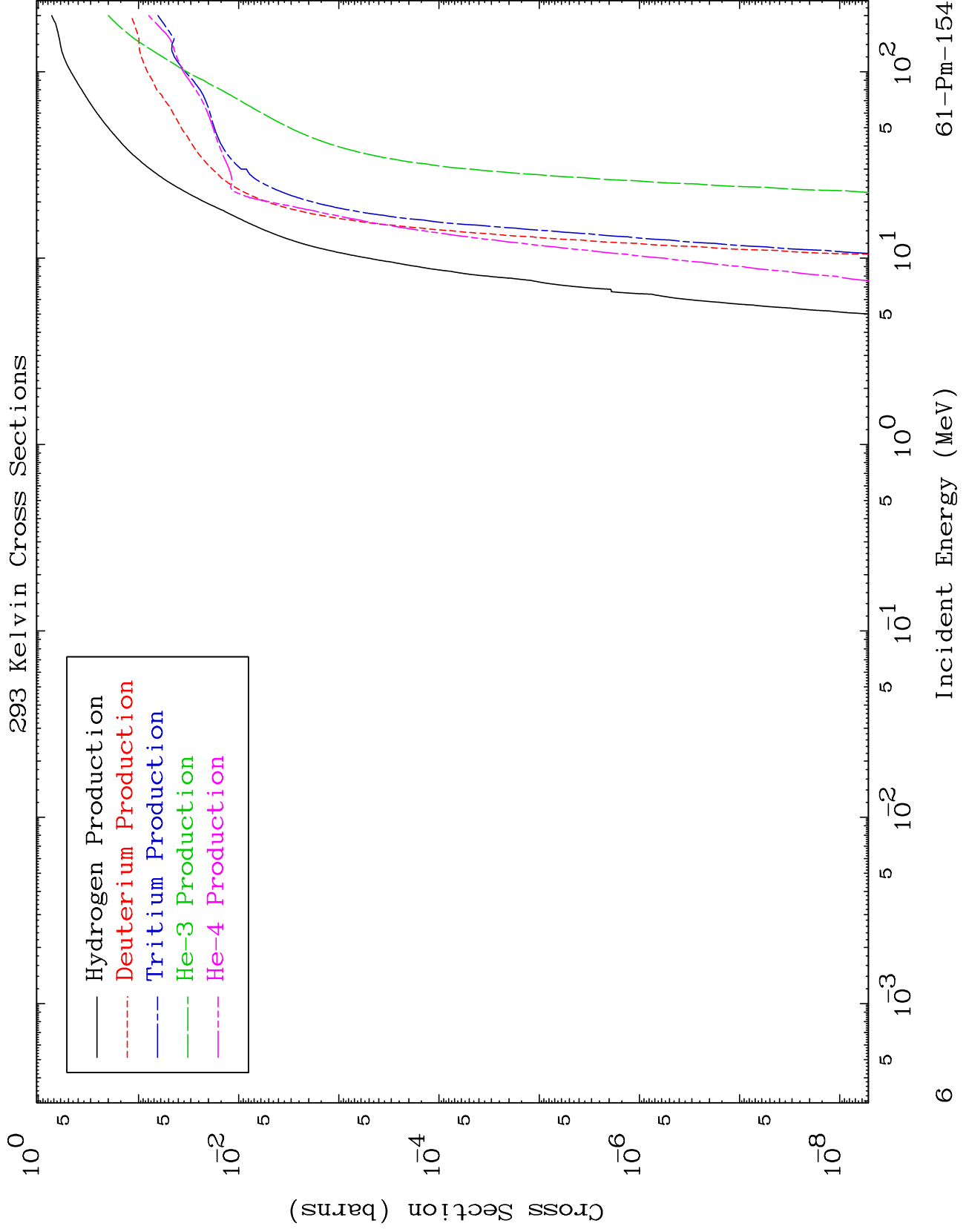
61-Pm-154



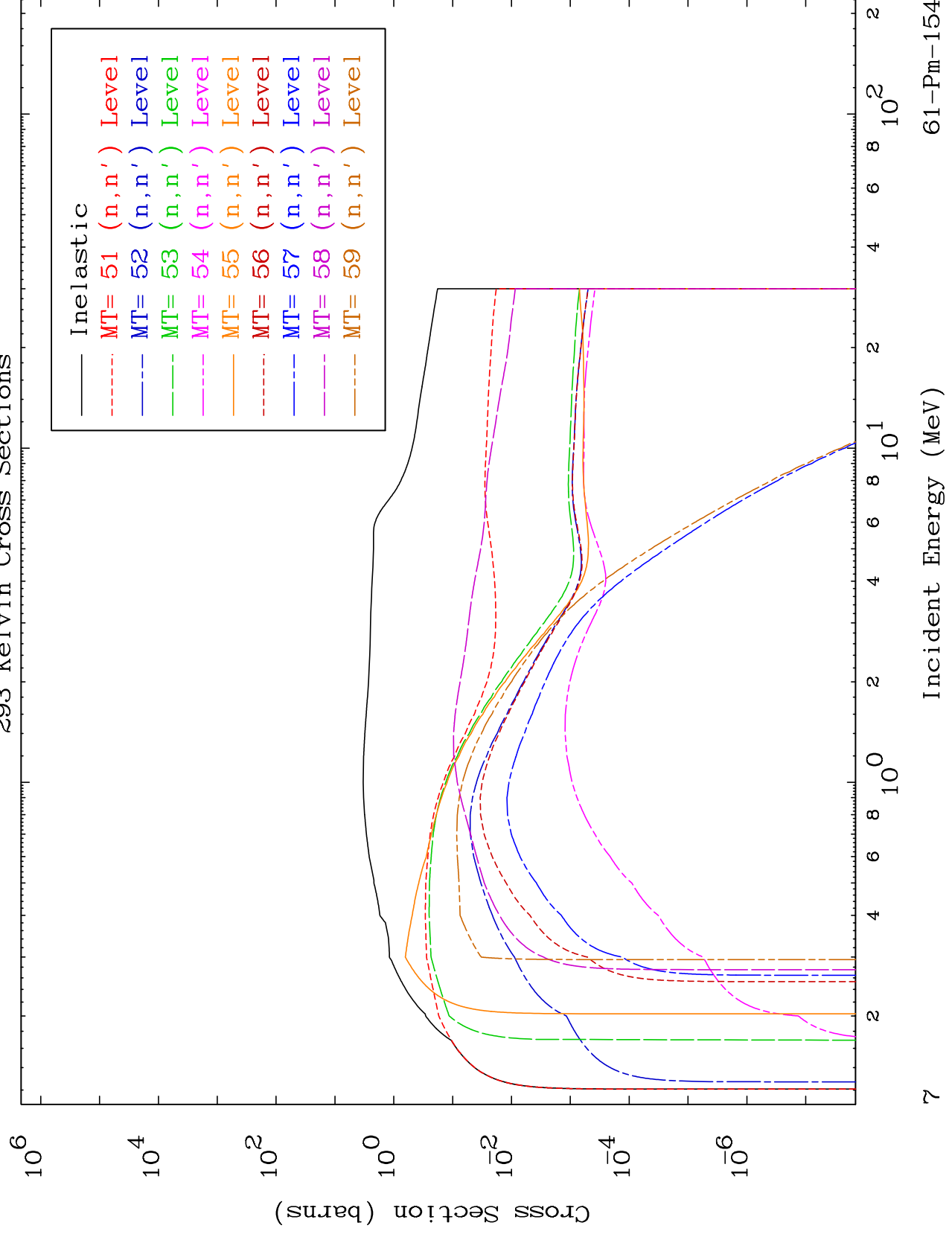
MAT 6170

Particle Production
293 Kelvin Cross Sections

61-Pm-154



293 Kelvin Cross Sections

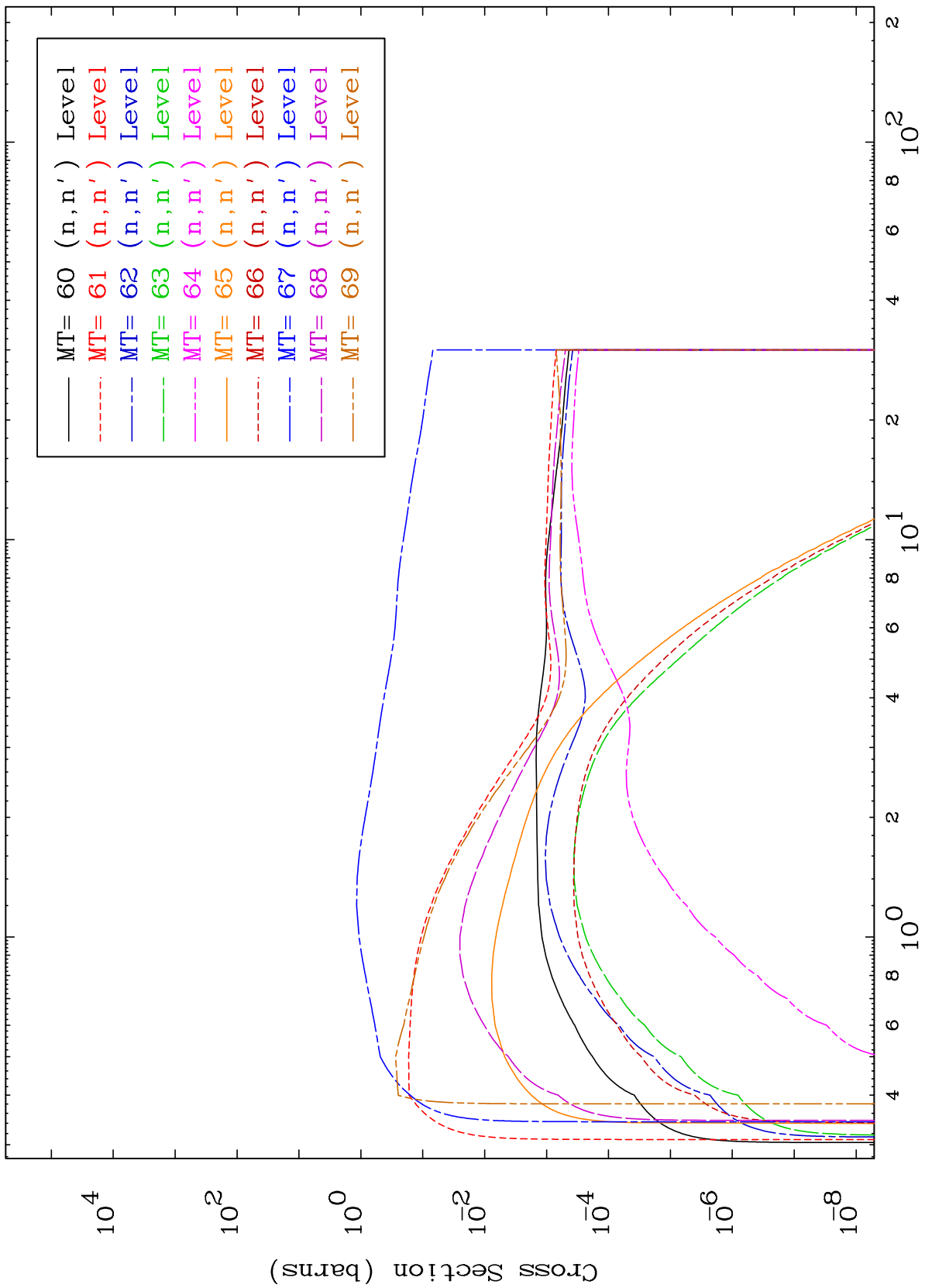


MAT 6170

(n,n') Level

61-Pm-154

293 Kelvin Cross Sections



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Incident Energy (MeV)

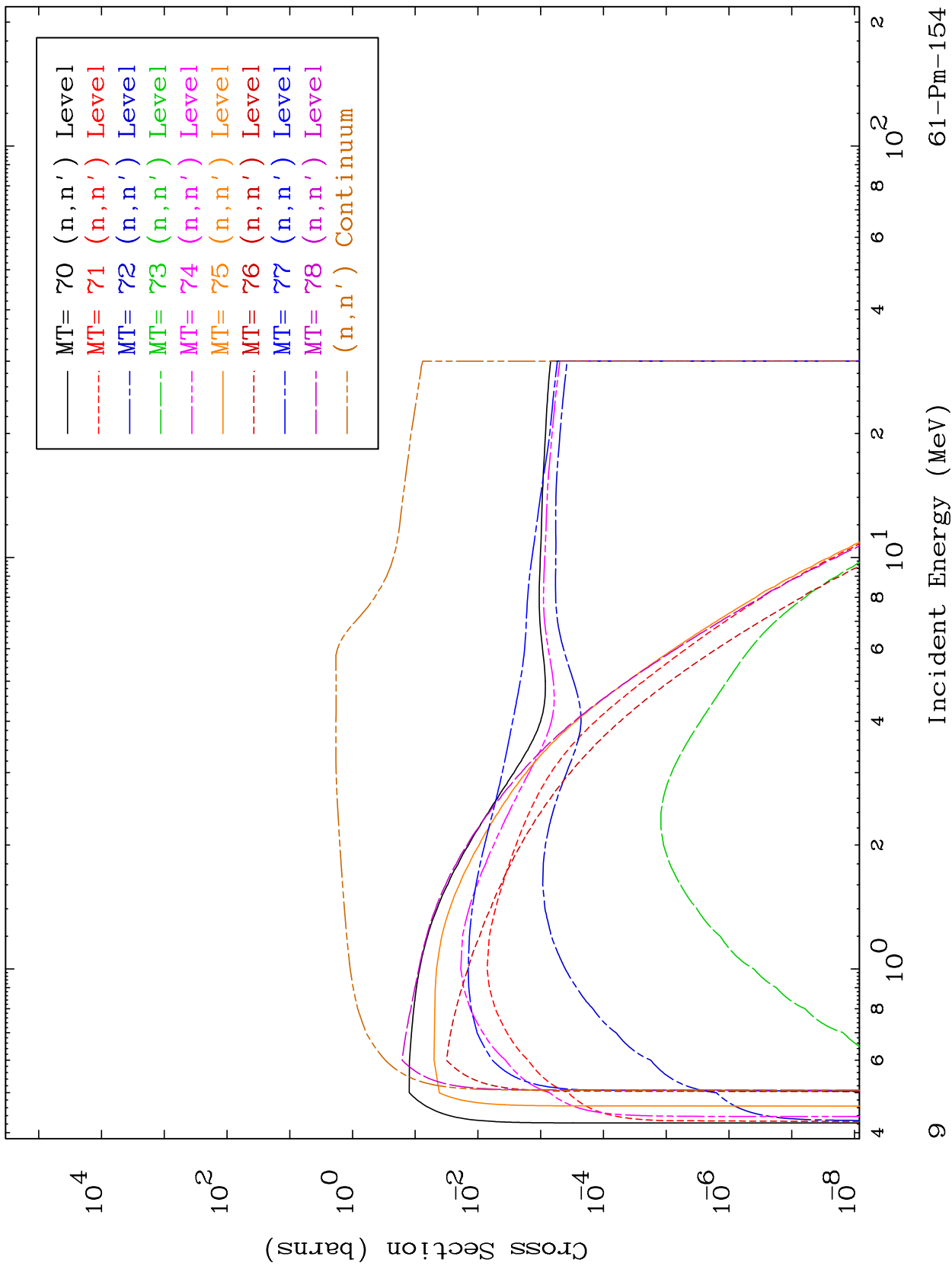
61-Pm-154

MAT 6170

(n,n') Level

61-Pm-154

293 Kelvin Cross Sections



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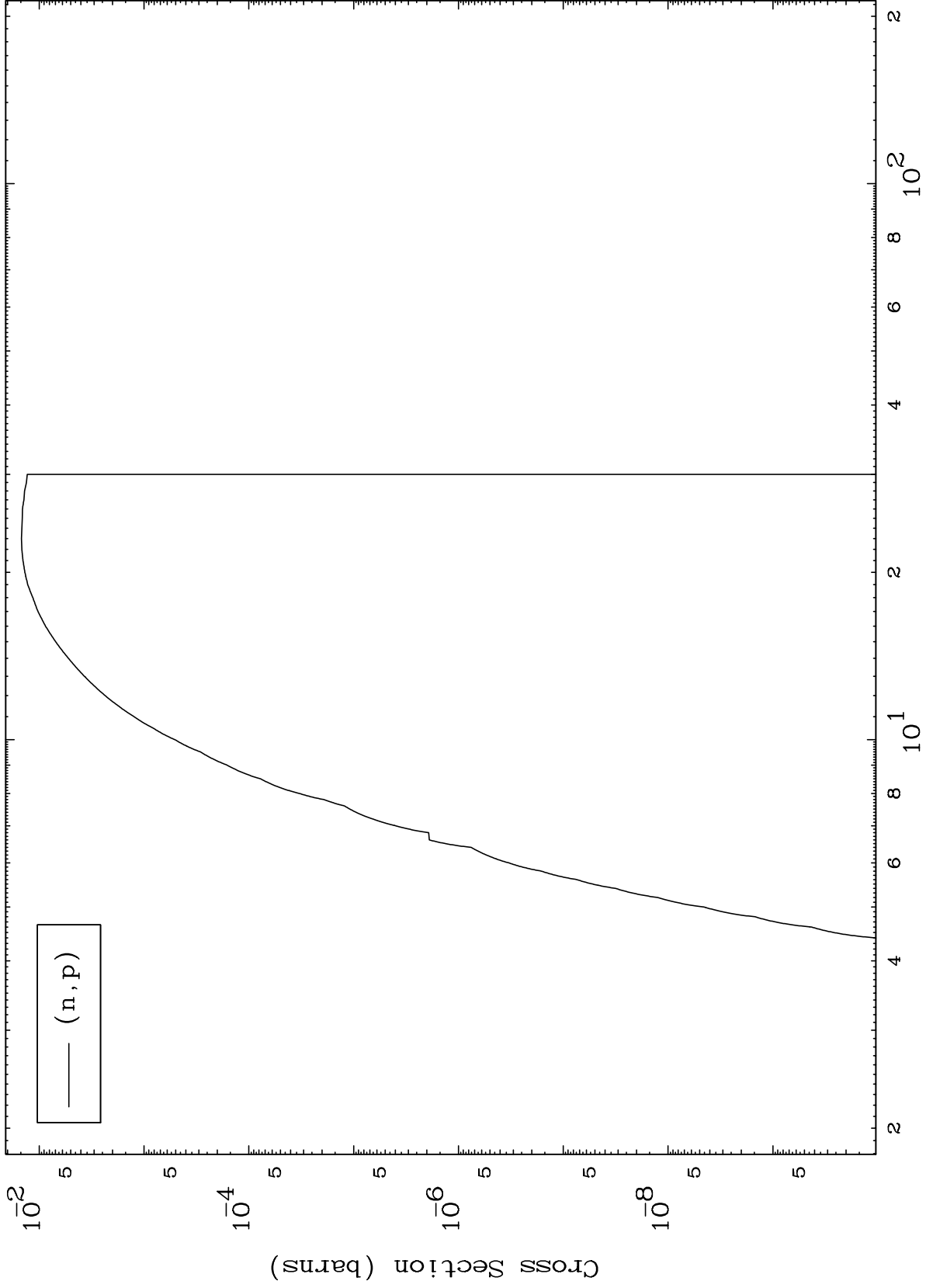
Incident Energy (MeV)

61-Pm-154

MAT 6170

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-154



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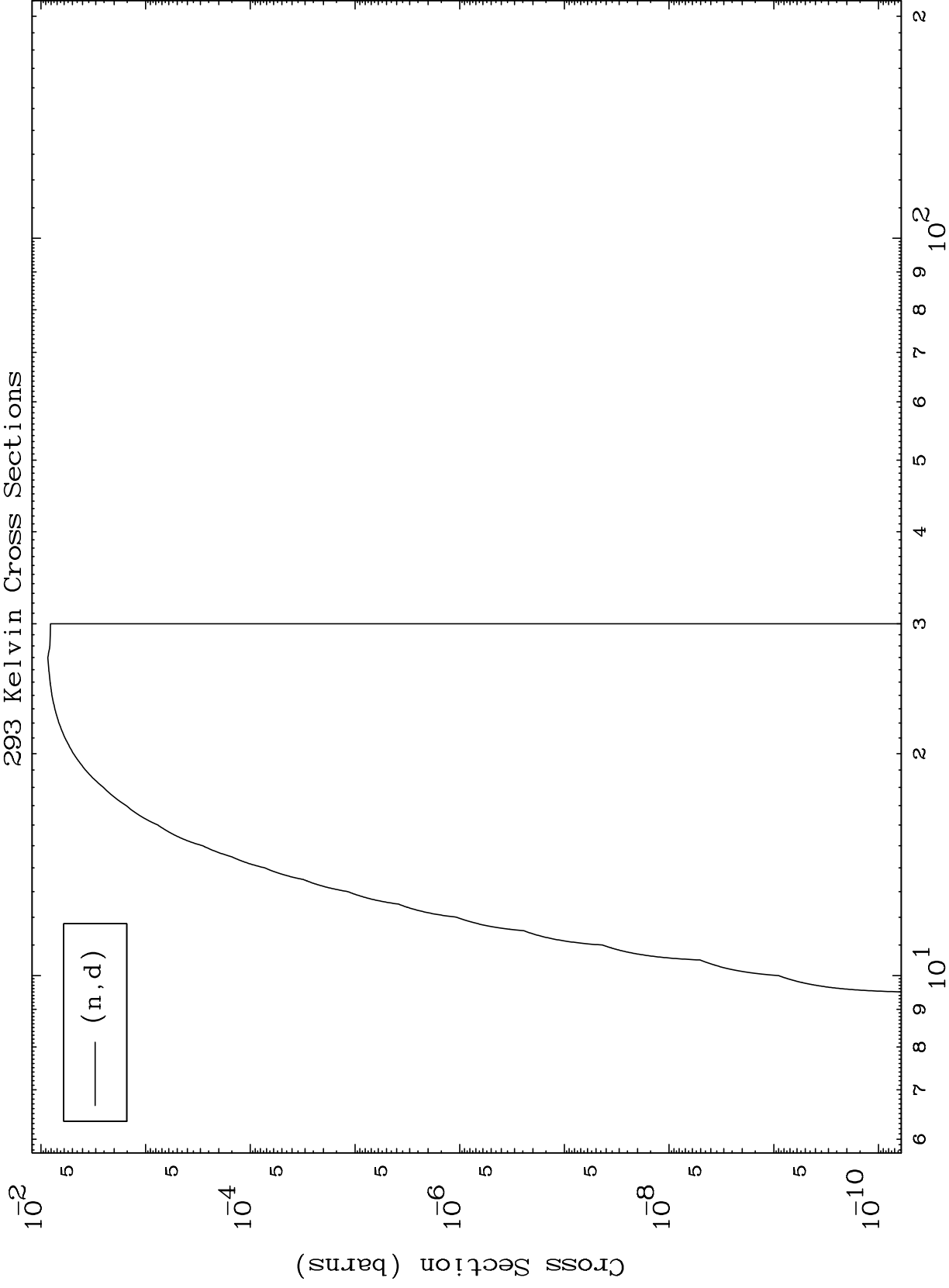
Incident Energy (MeV)

61-Pm-154

MAT 6170

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-154



11

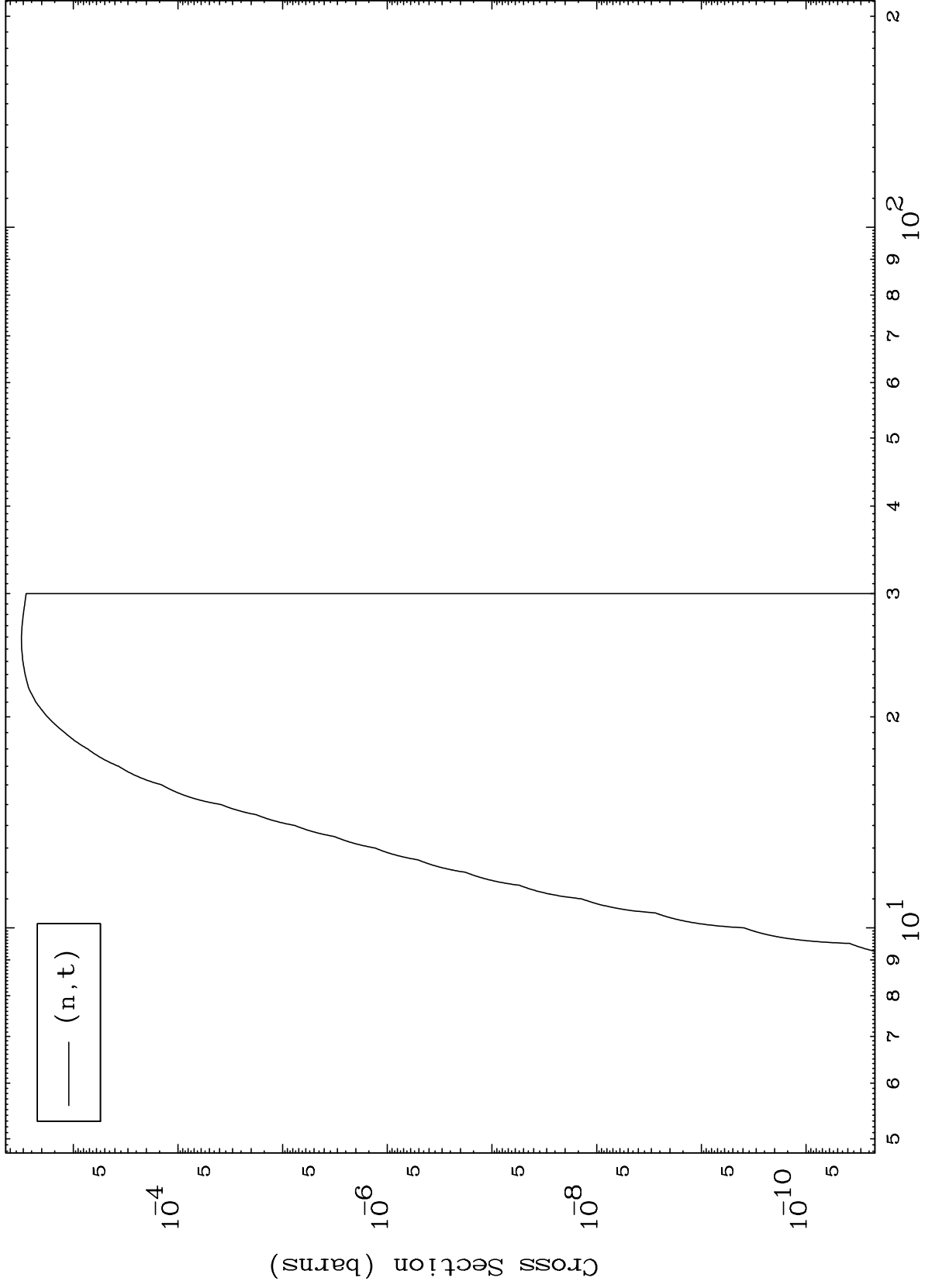
Incident Energy (MeV)

61-Pm-154

MAT 6170

(n,t) Levels
293 Kelvin Cross Sections

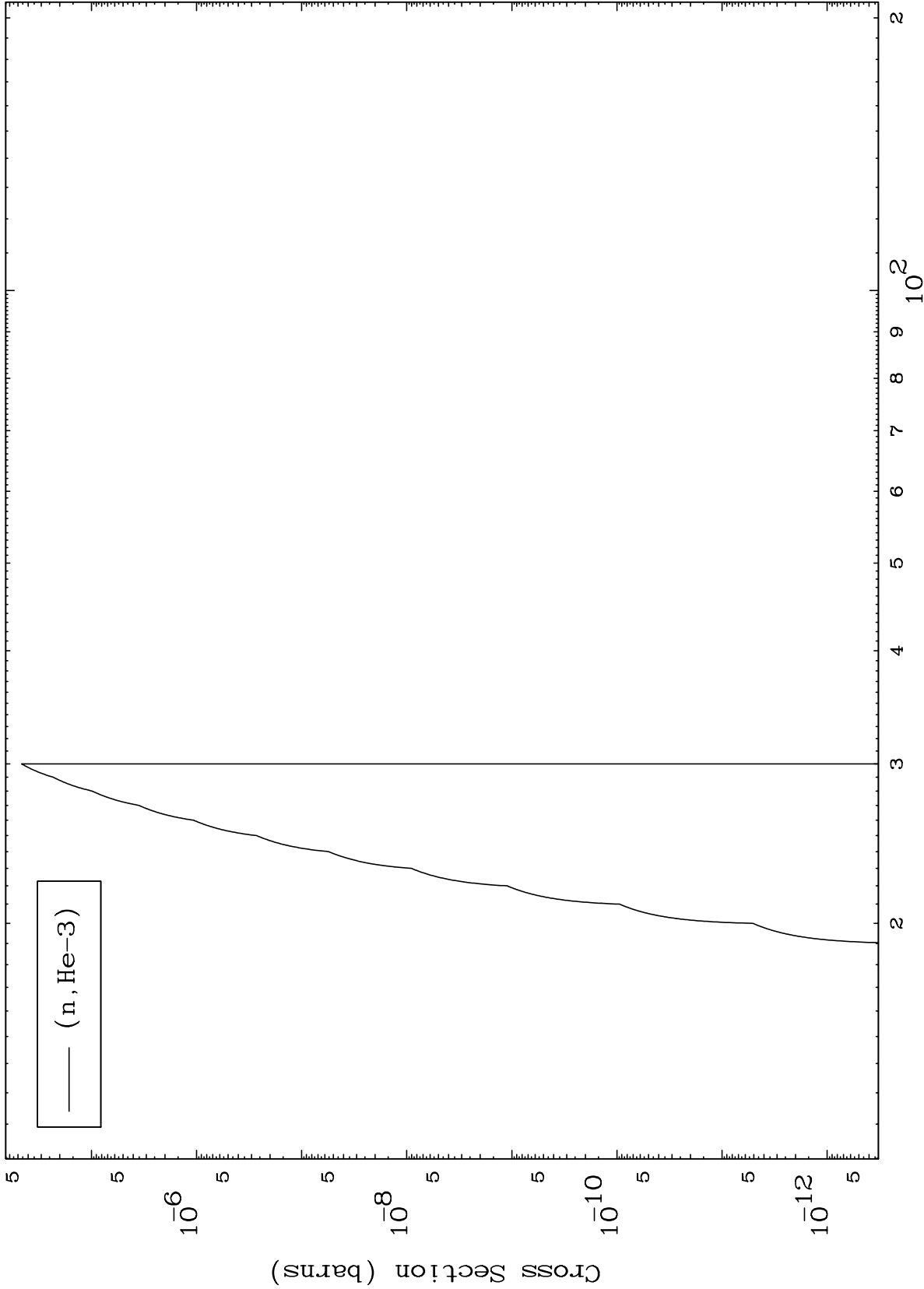
61-Pm-154



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Incident Energy (MeV)

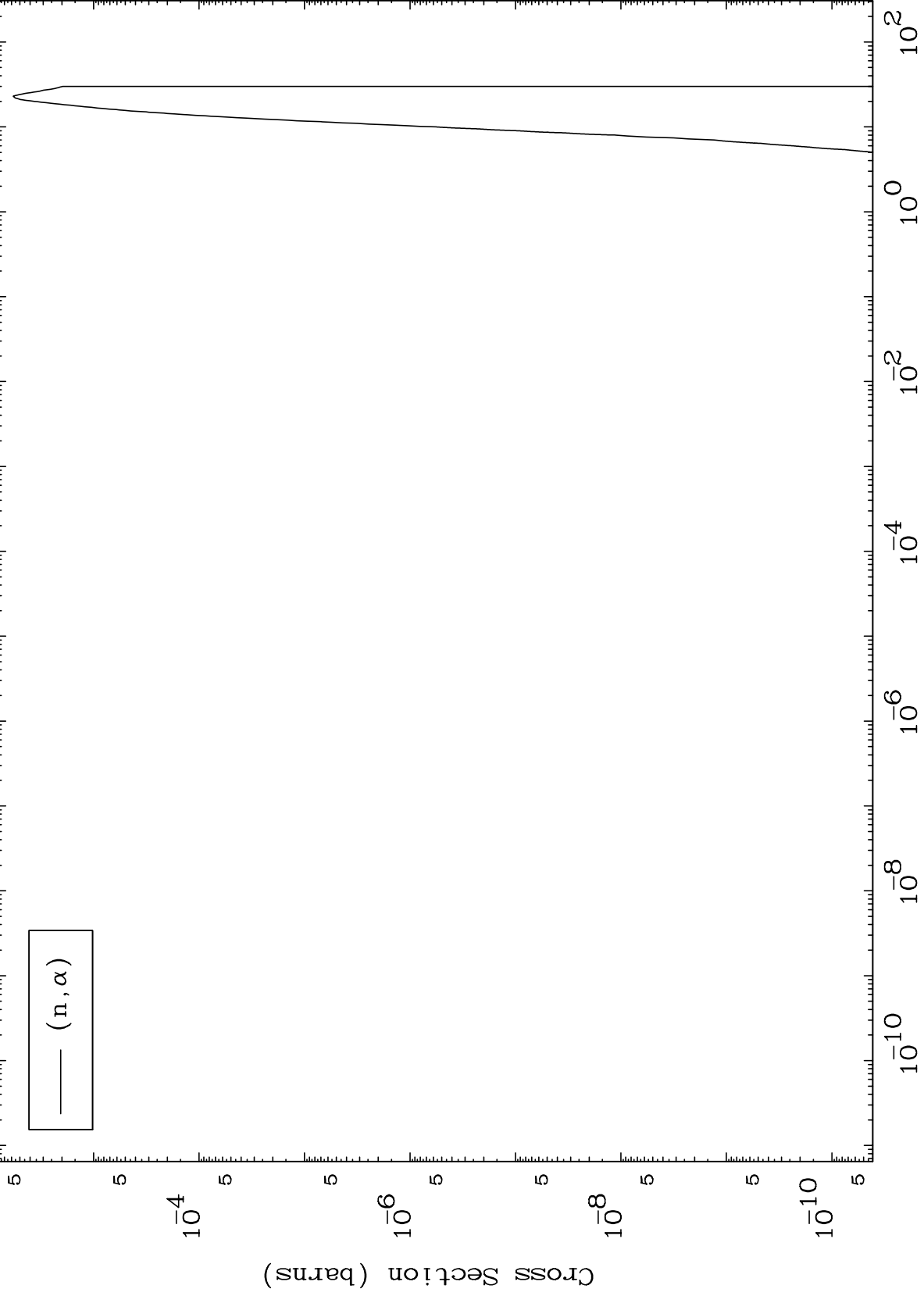
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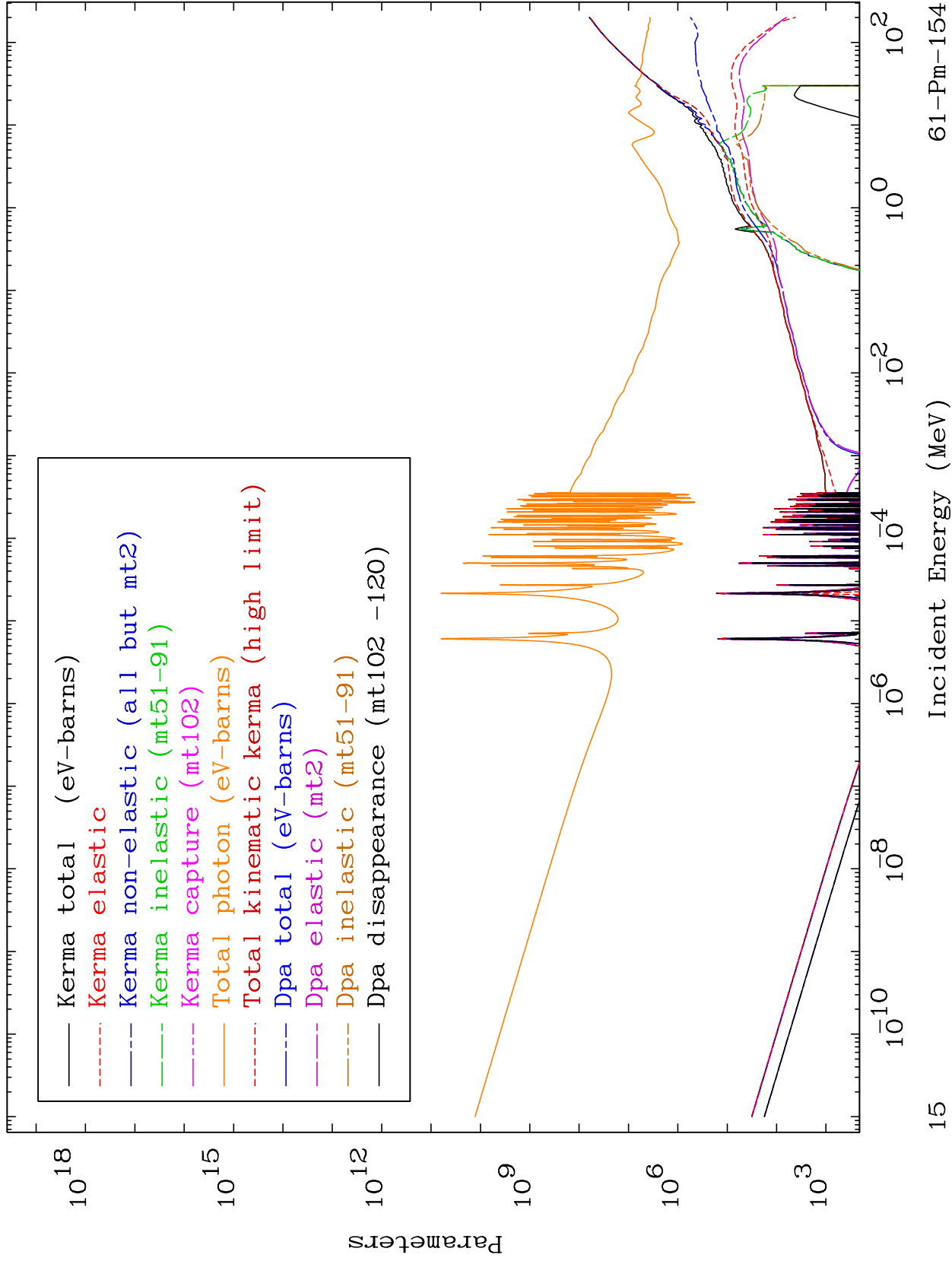


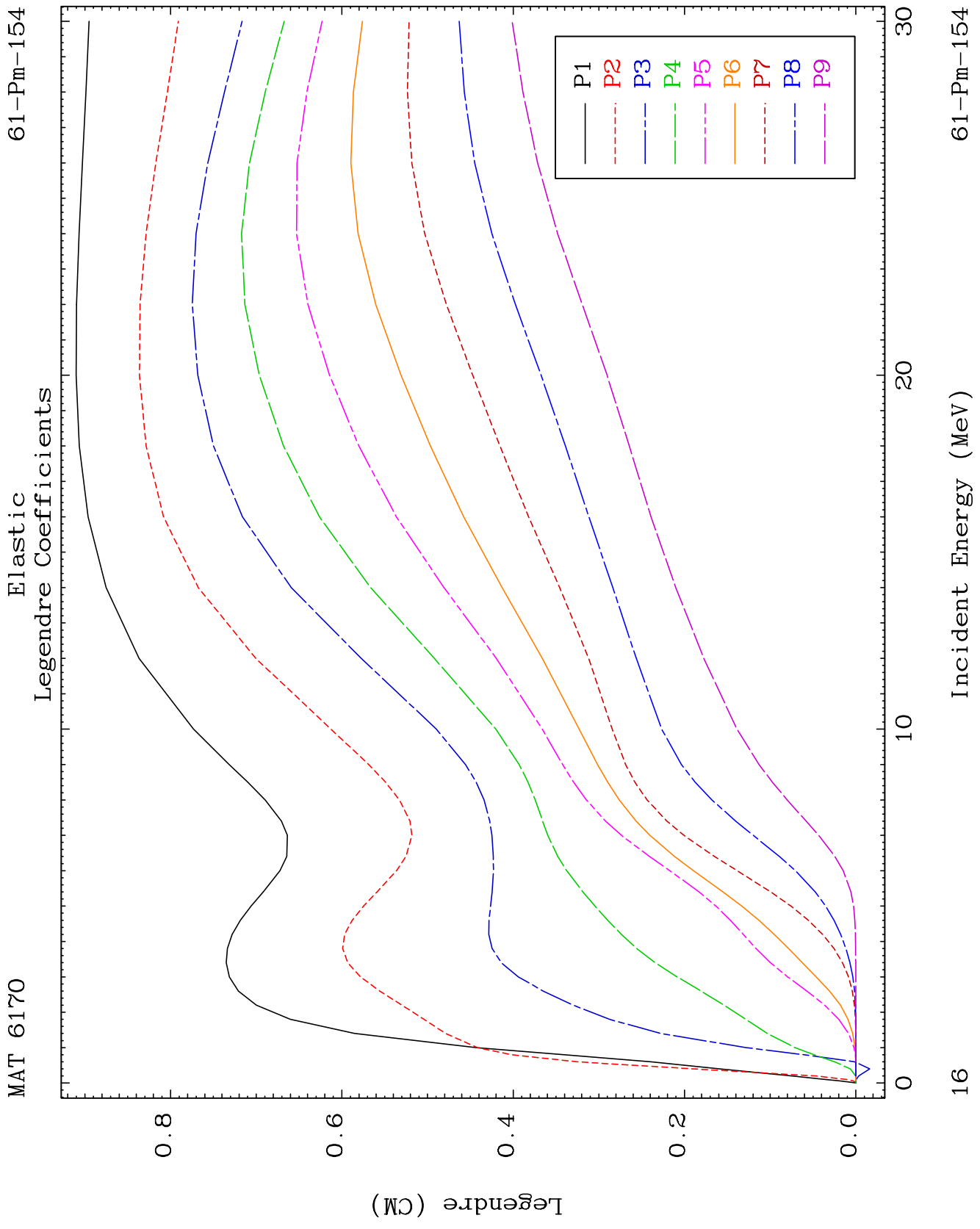
MAT 6170

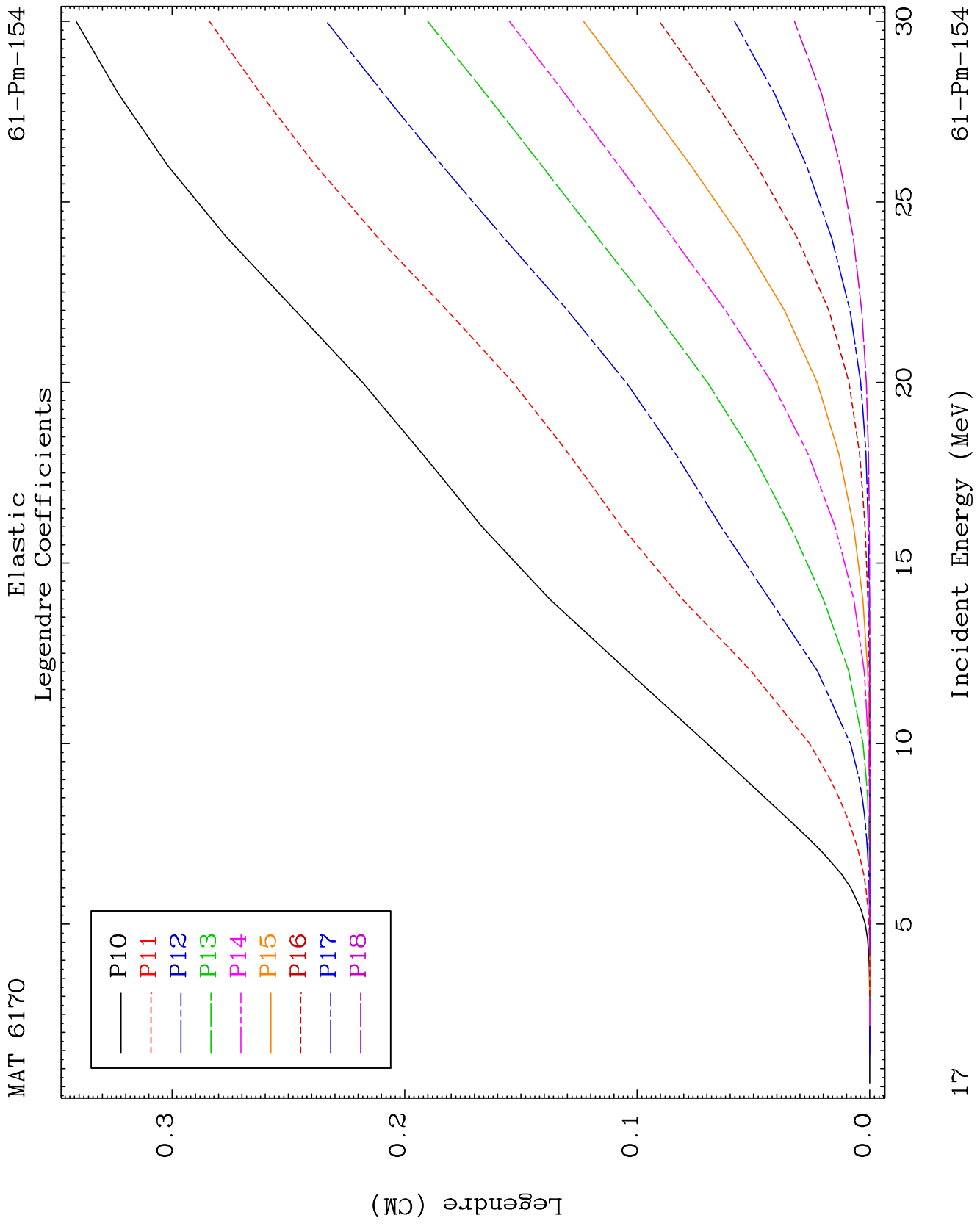
(n, α) Levels
293 Kelvin Cross Sections

61-Pm-154





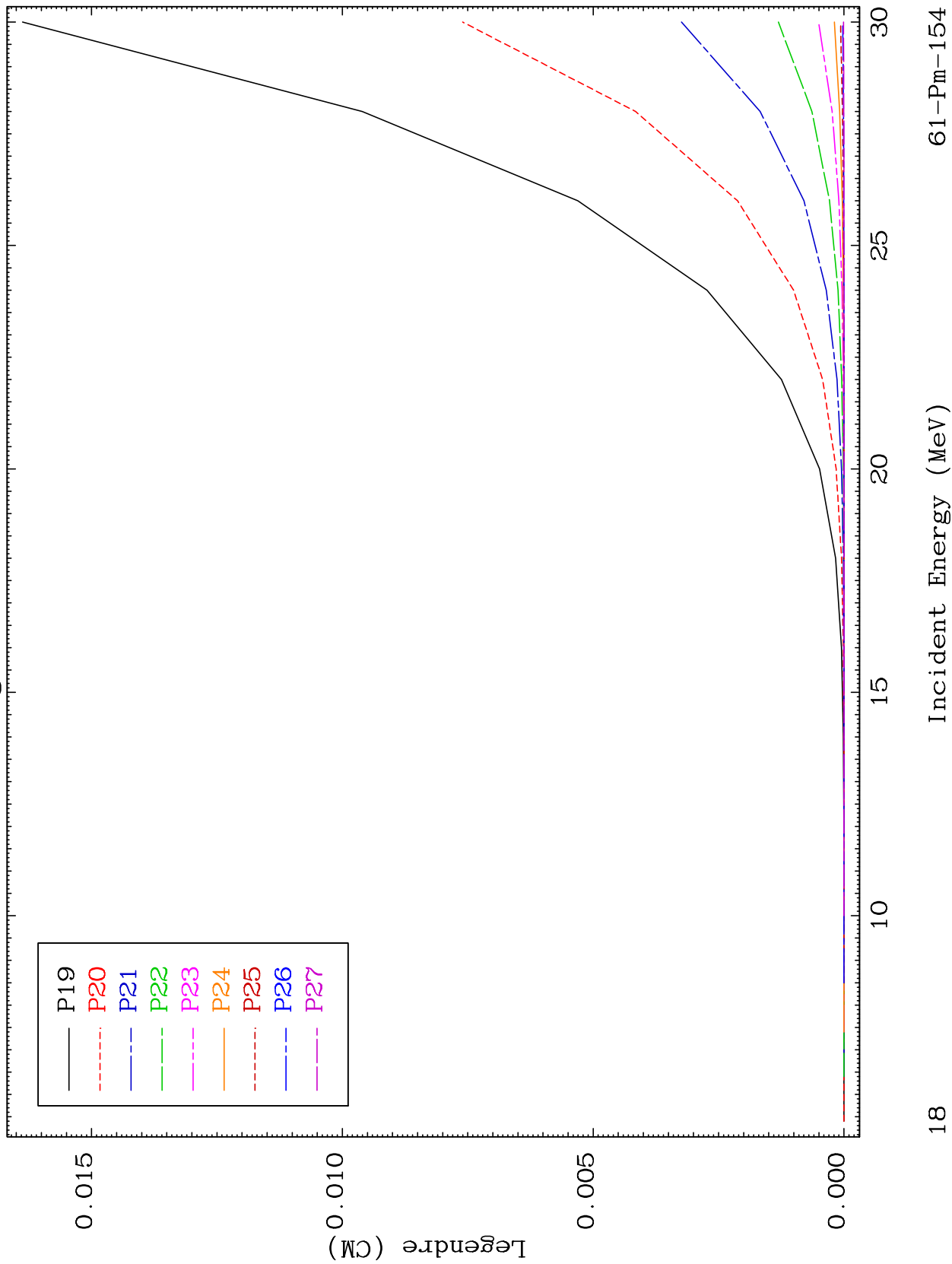




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Elastic Legendre Coefficients

61-Pm-154



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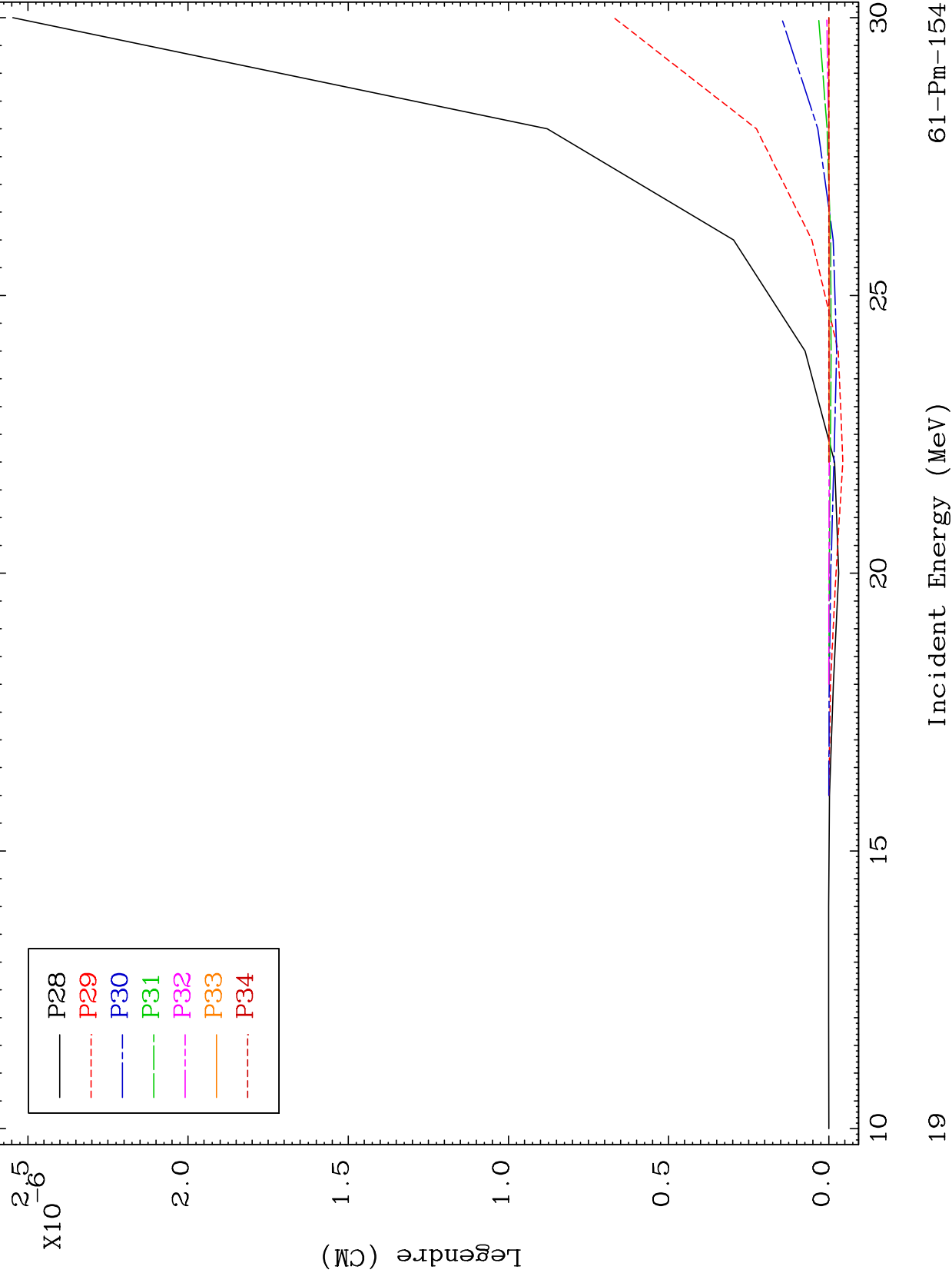
Incident Energy (MeV)

61-Pm-154

MAT 6170

Elastic Legendre Coefficients

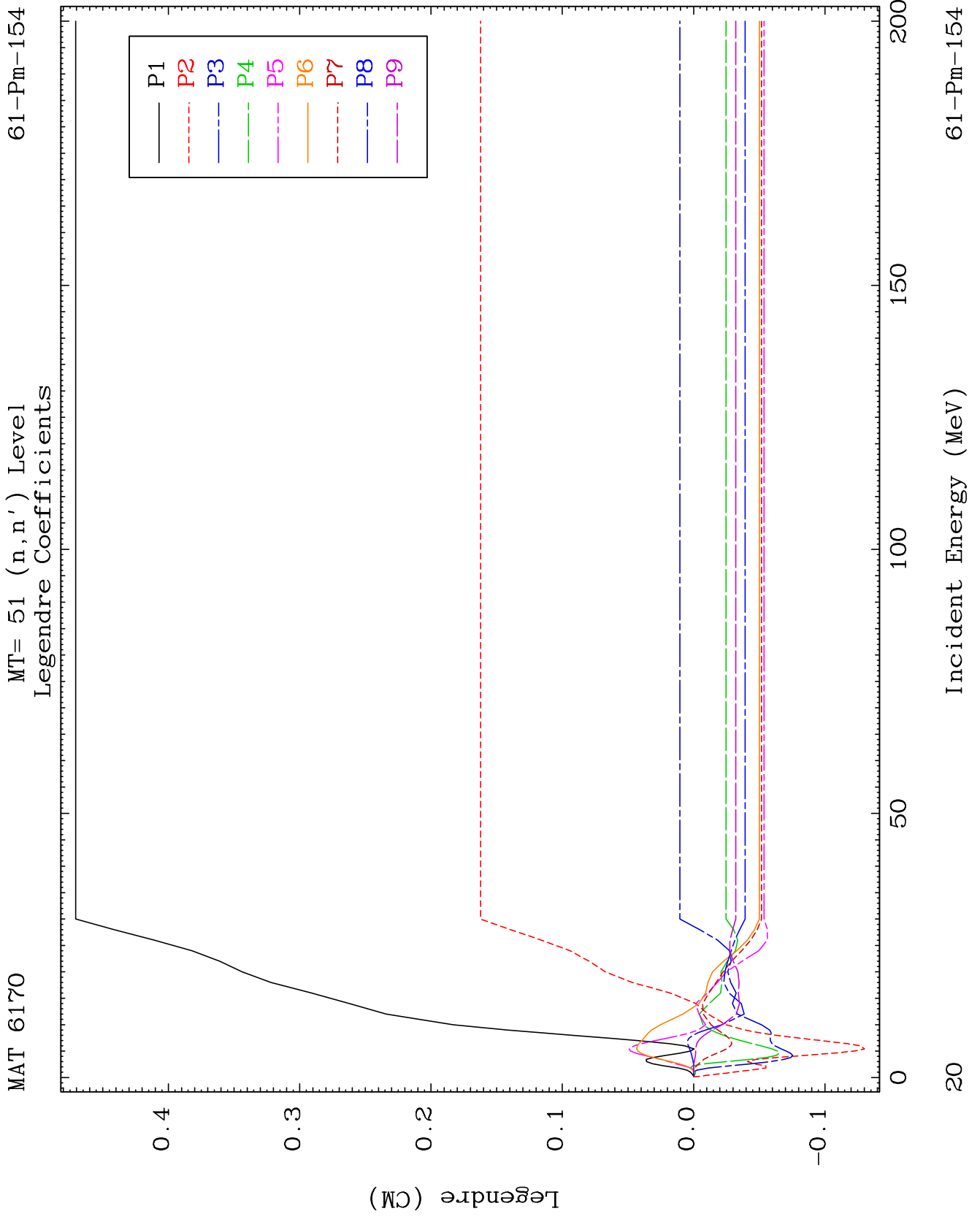
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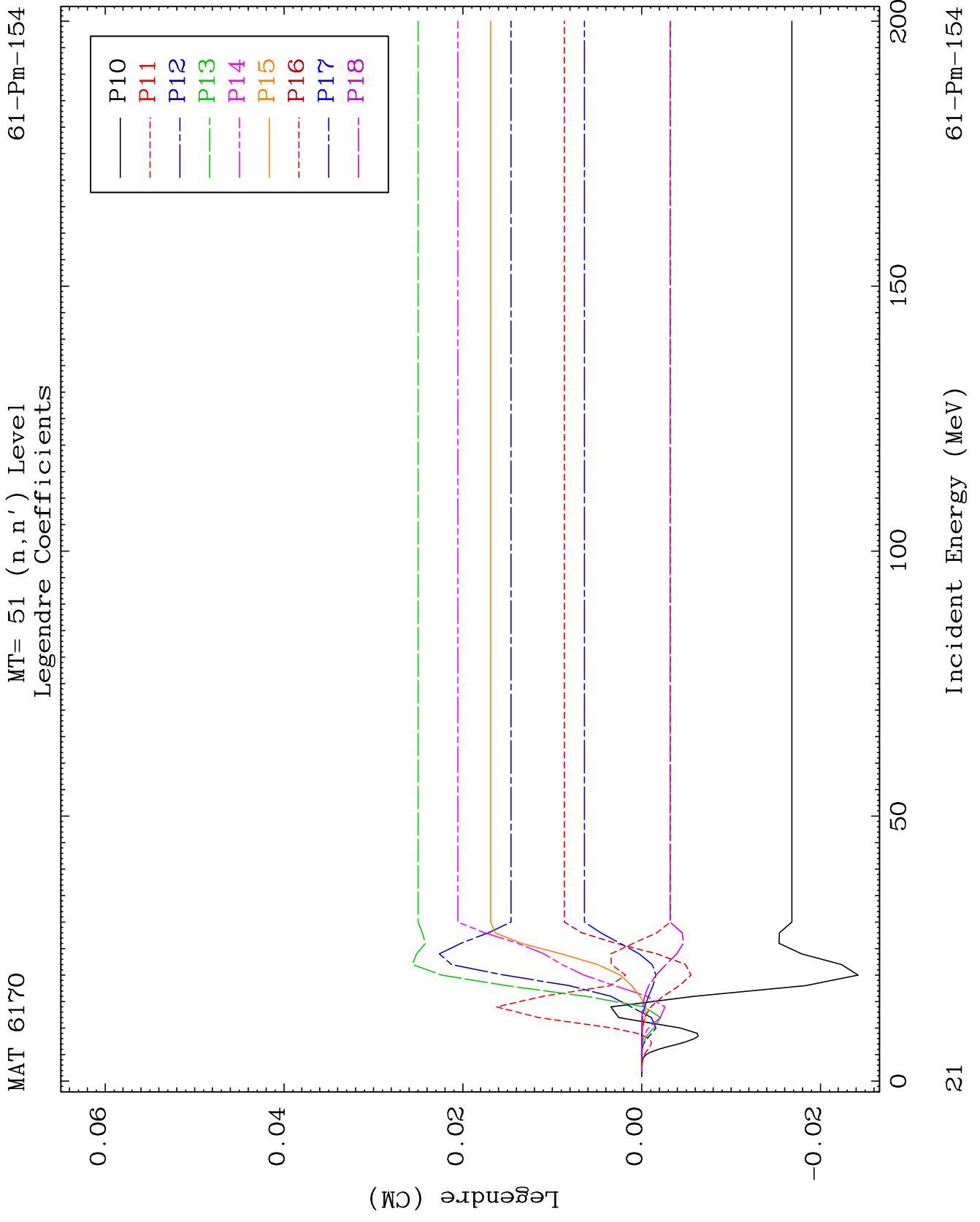


19

Incident Energy (MeV)

61-Pm-154

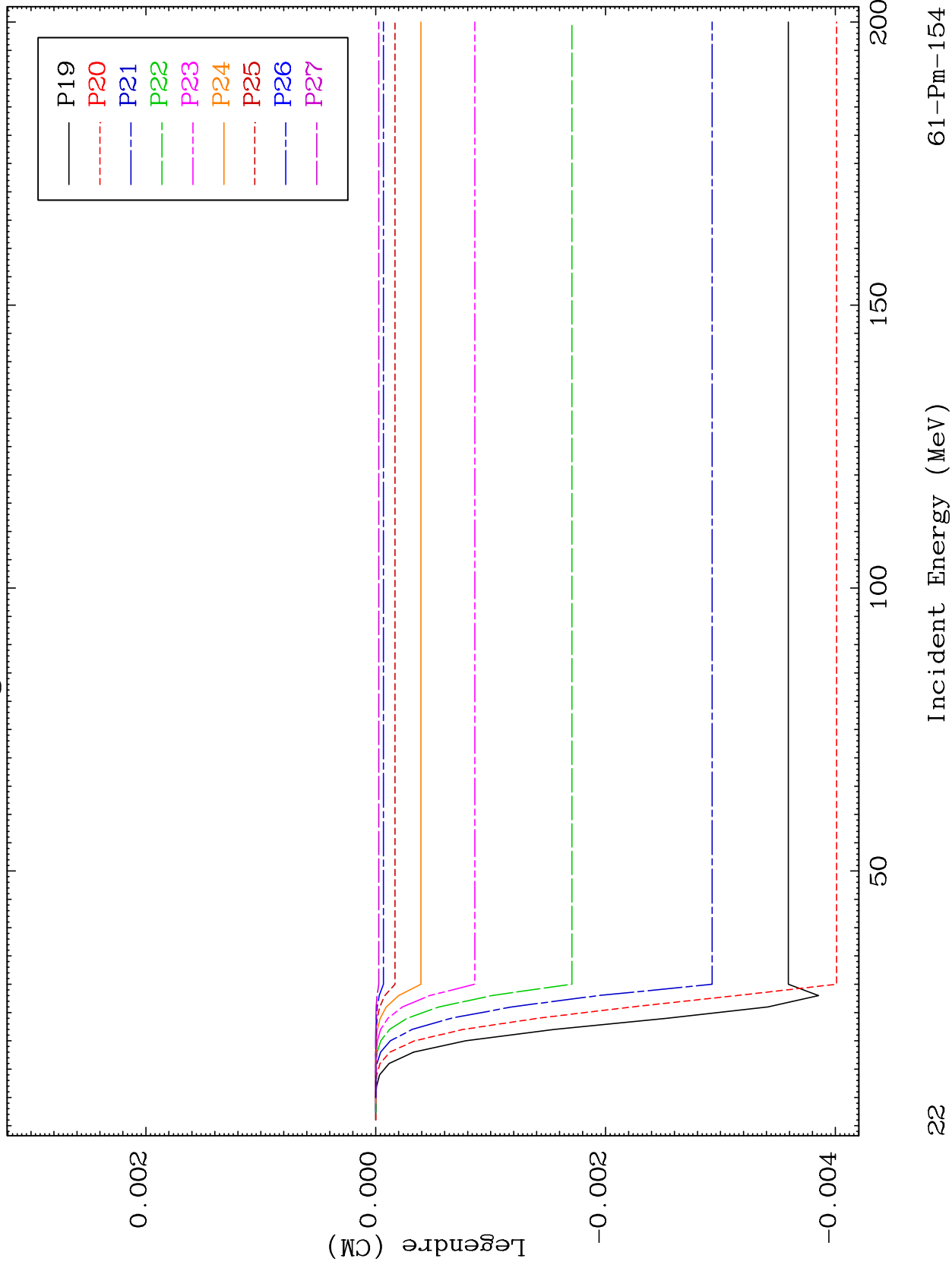




MAT 6170

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

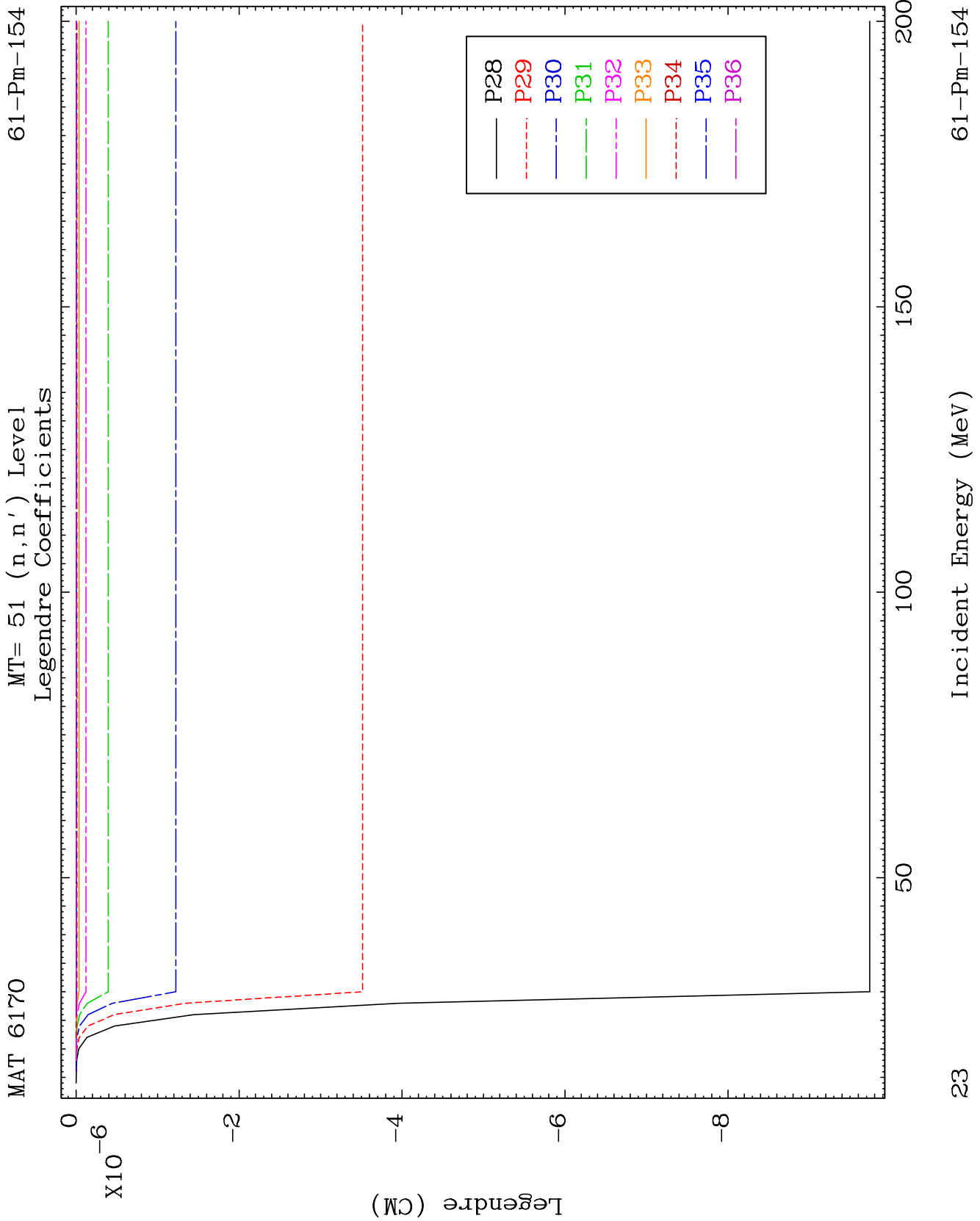
61-Pm-154



22

Incident Energy (MeV)

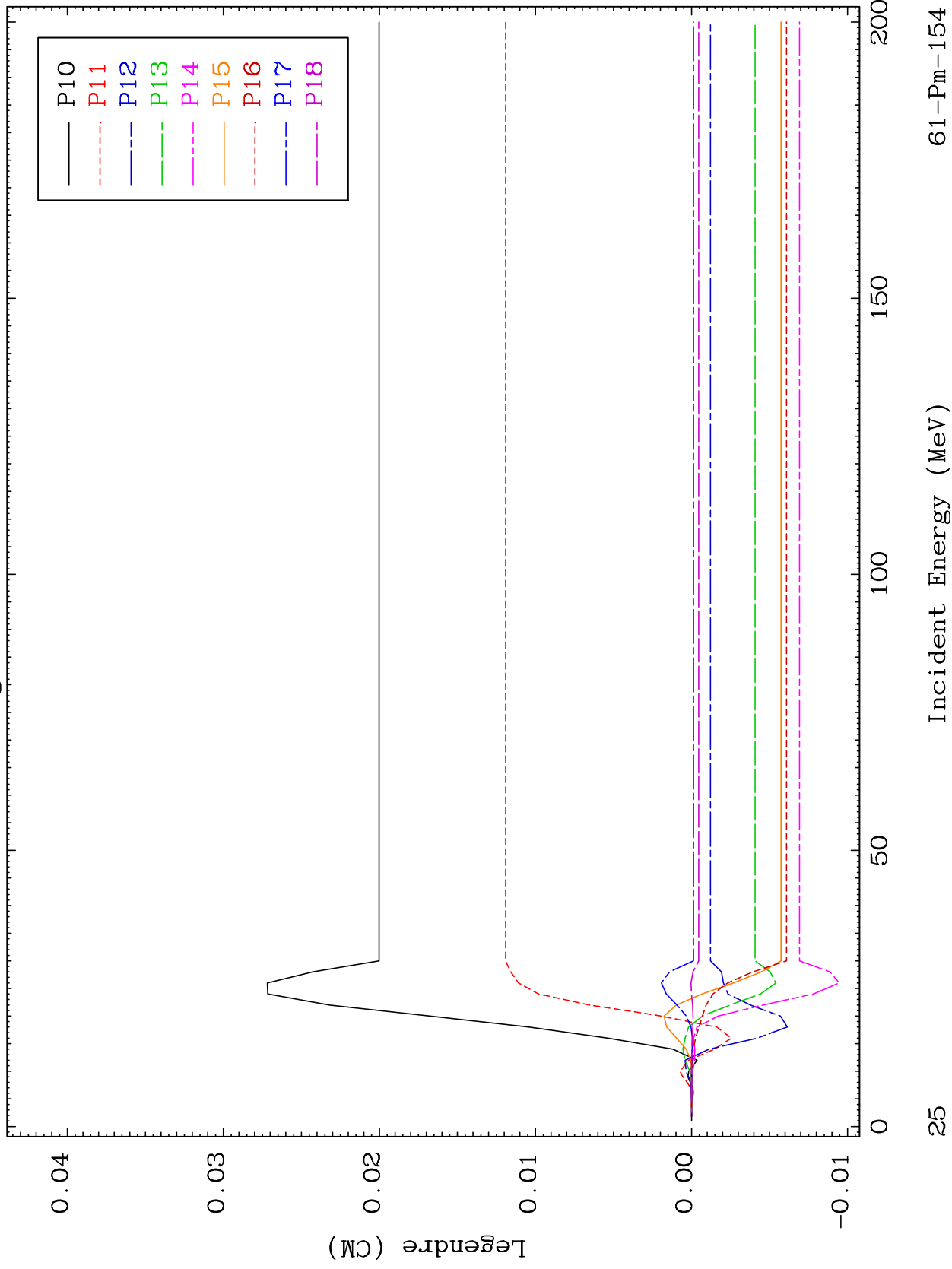
61-Pm-154



MAT 6170

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

61-Pm-154



61-Pm-154

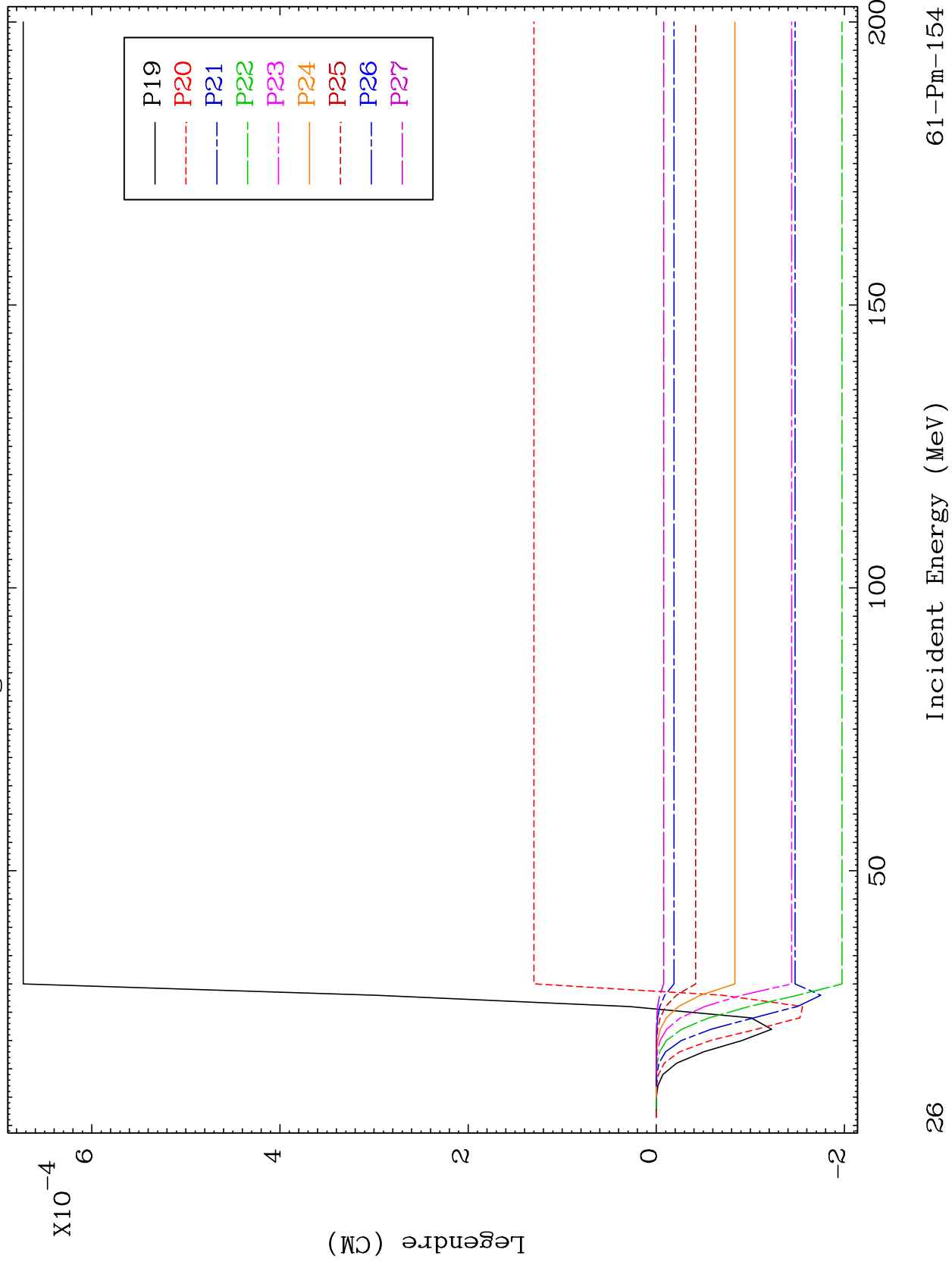
Incident Energy (MeV)

25

MAT 6170

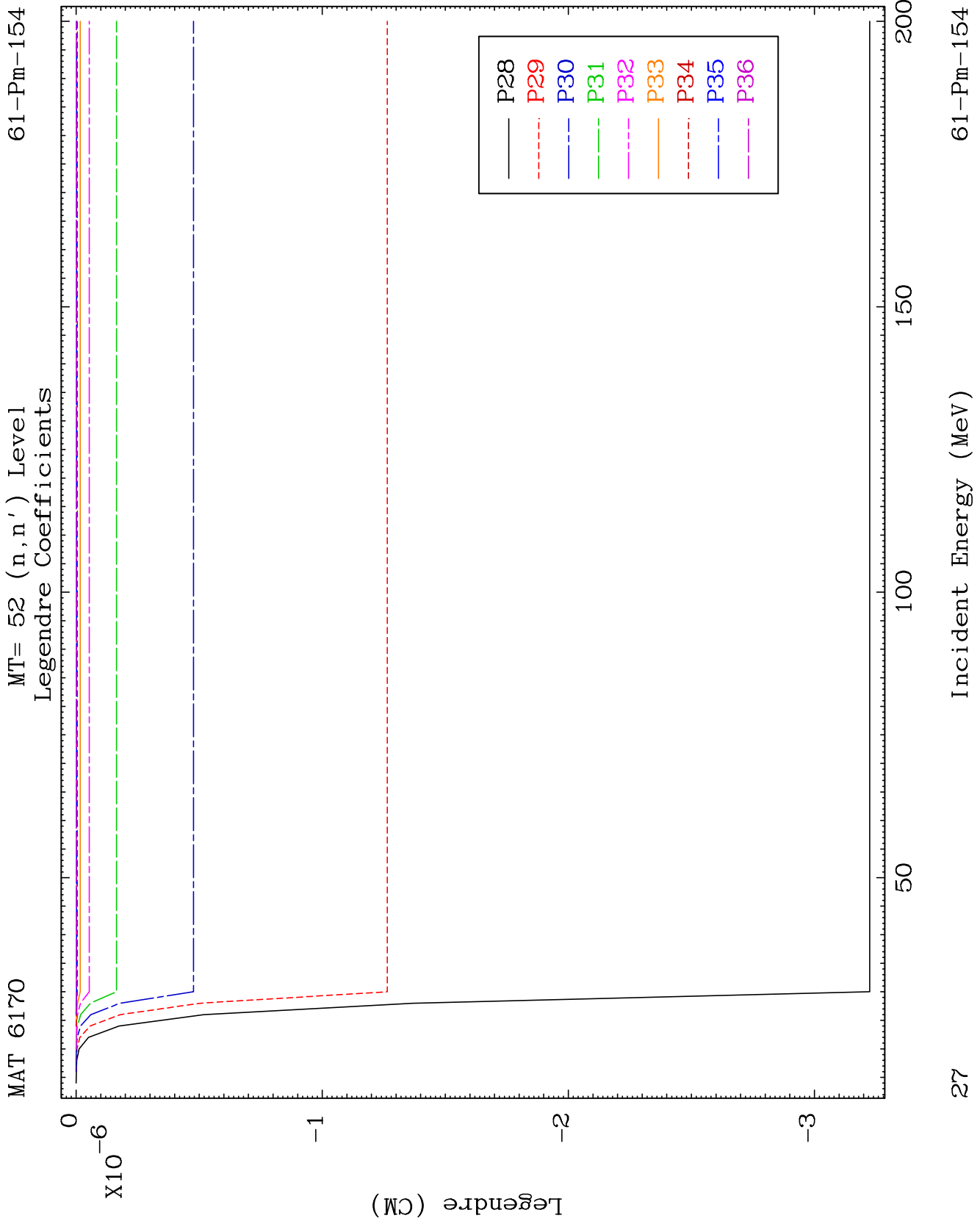
MT= 52 (n,n') Level
Legendre Coefficients

61-Pm-154



26

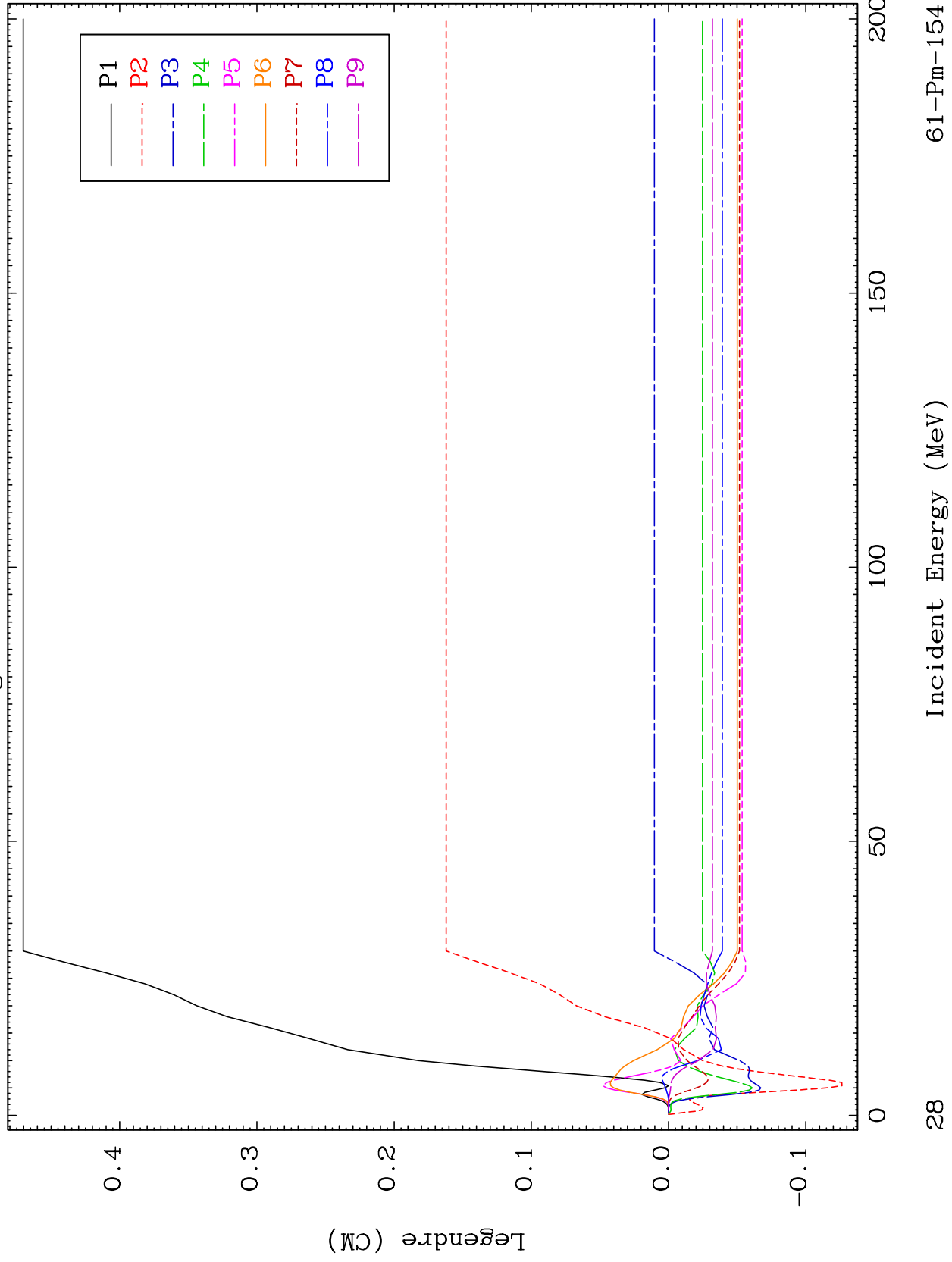
61-Pm-154



MAT 6170

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

61-Pm-154



28

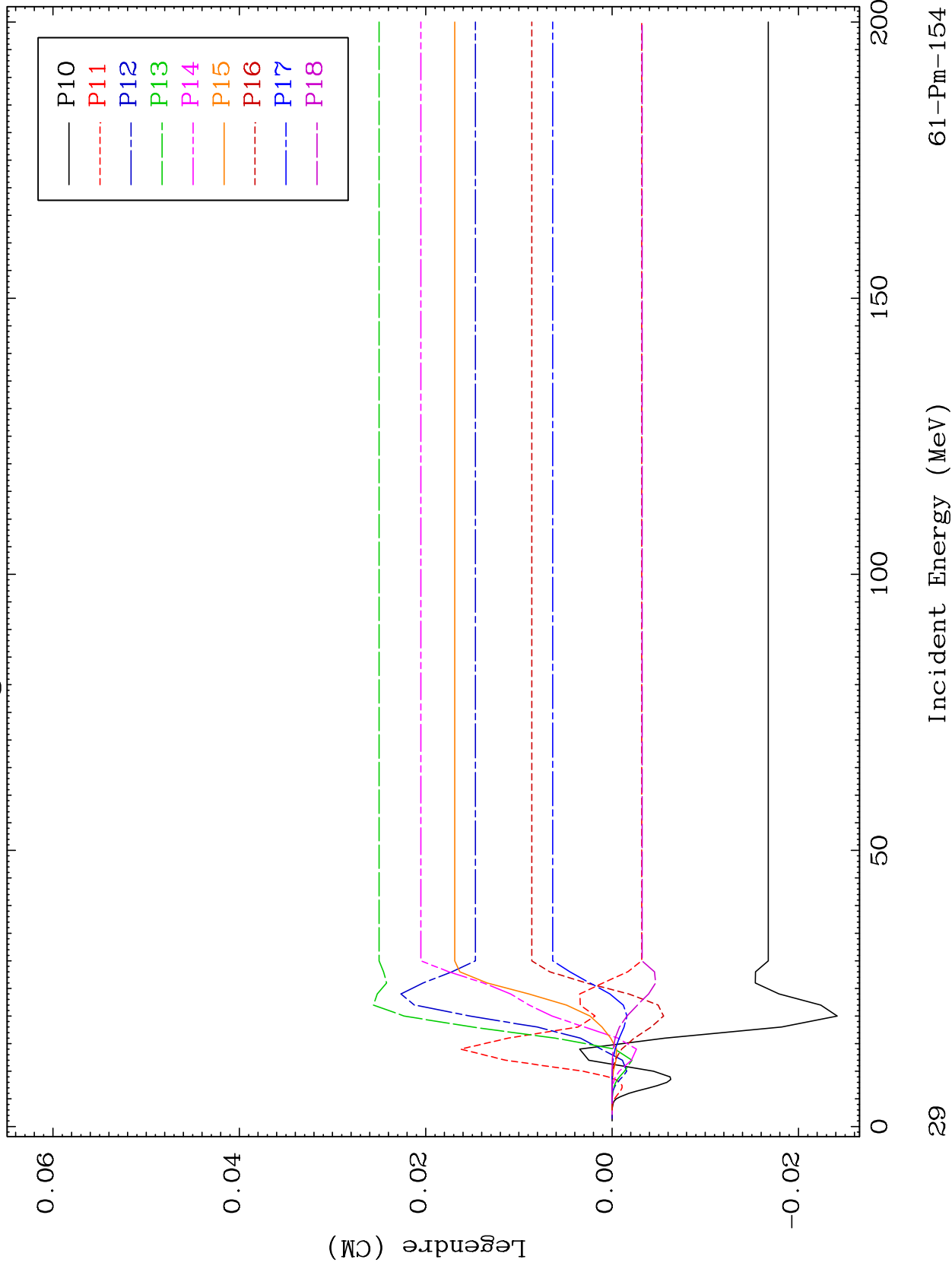
Incident Energy (MeV)

61-Pm-154

MAT 6170

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

61-Pm-154



61-Pm-154

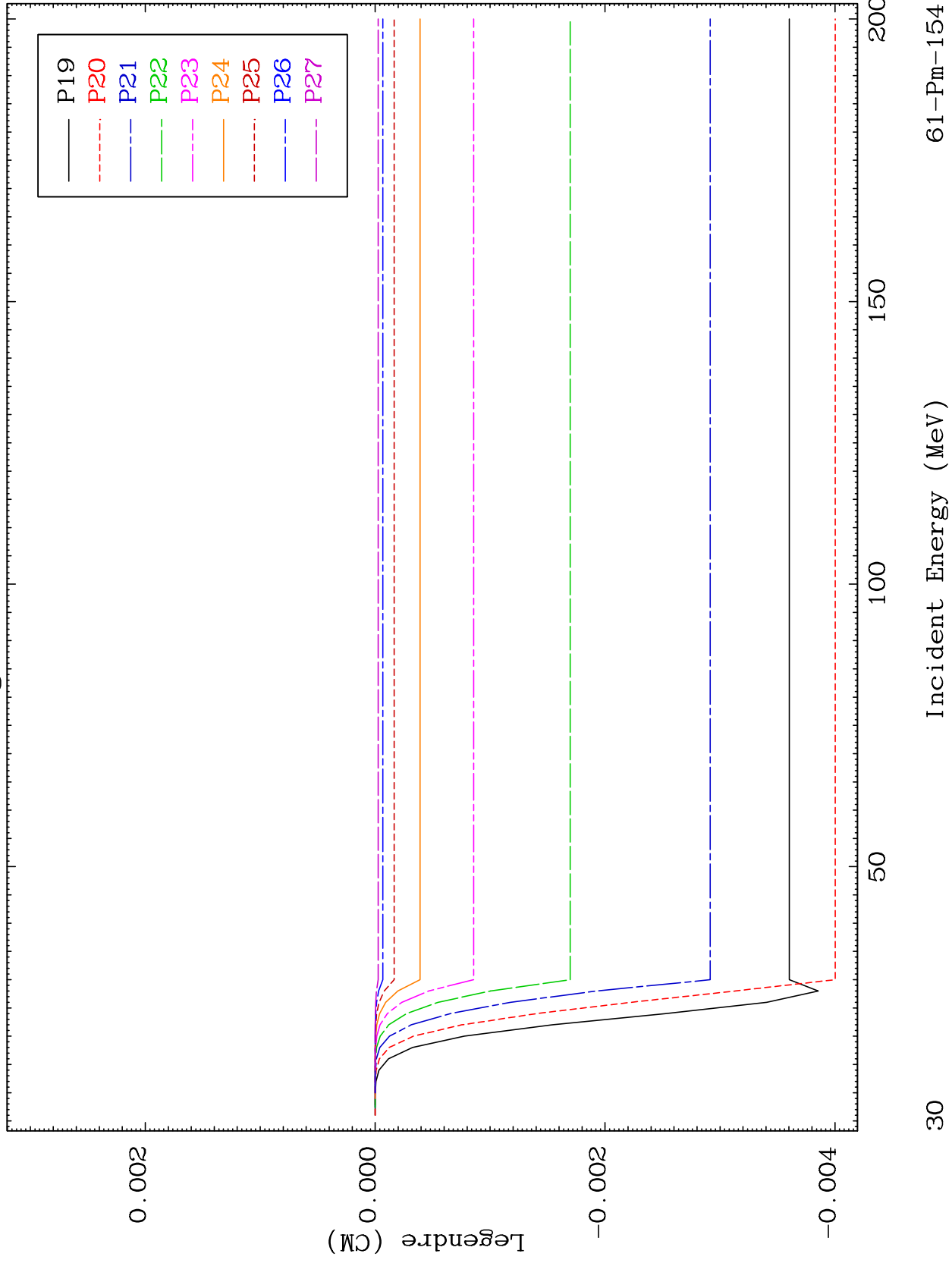
Incident Energy (MeV)

29

MAT 6170

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

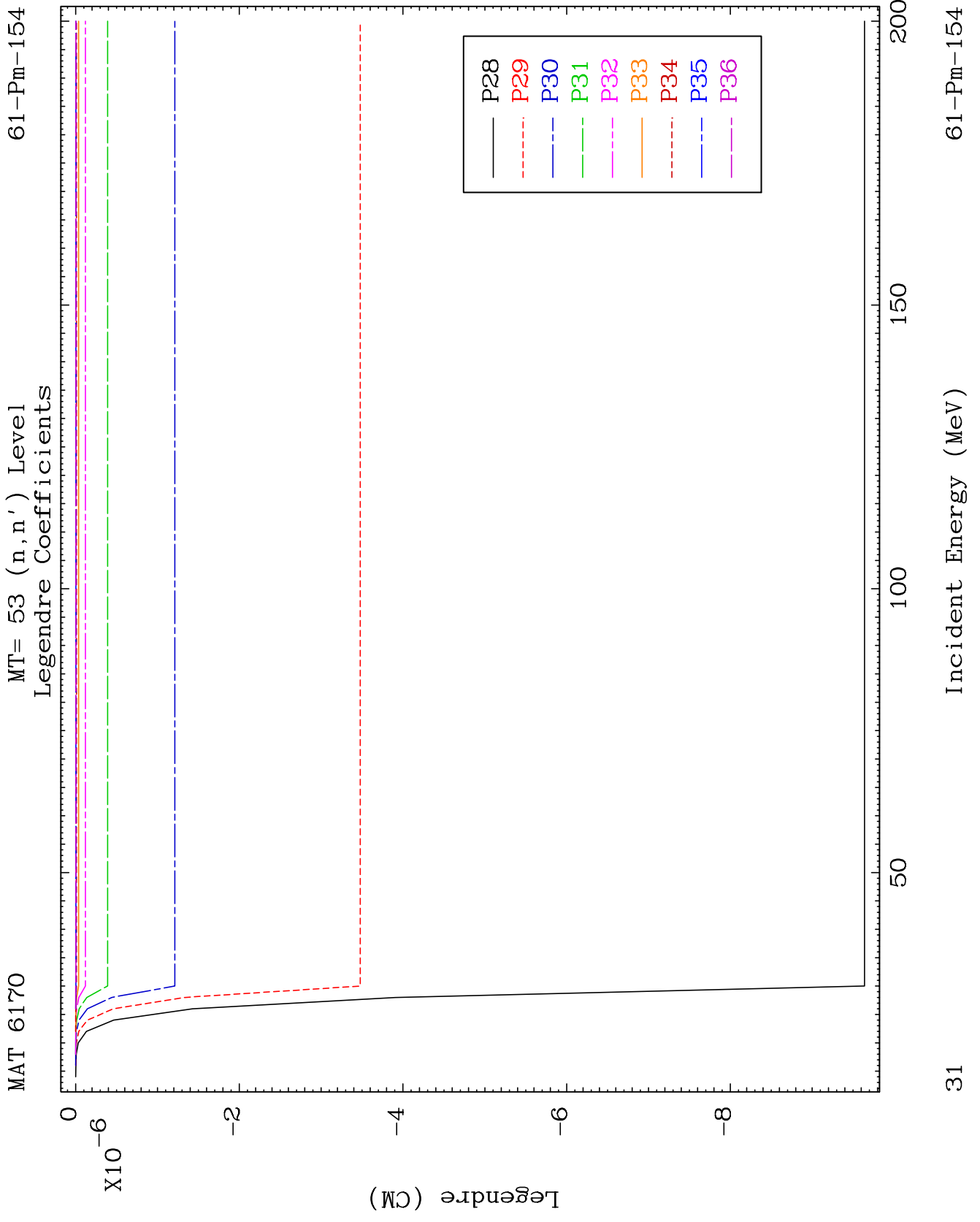
61-Pm-154



61-Pm-154

Incident Energy (MeV)

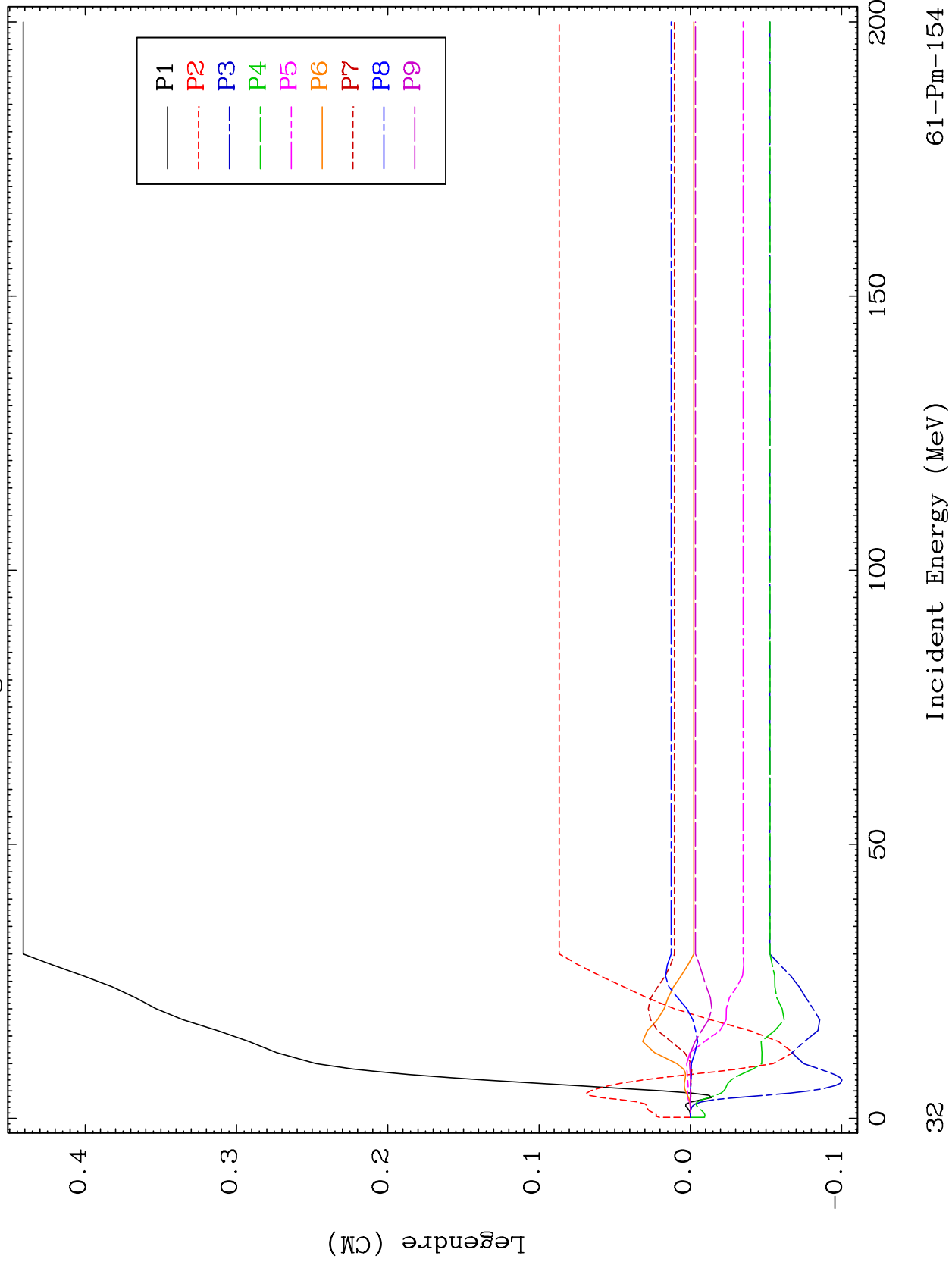
30



MAT 6170

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

61-Pm-154



61-Pm-154

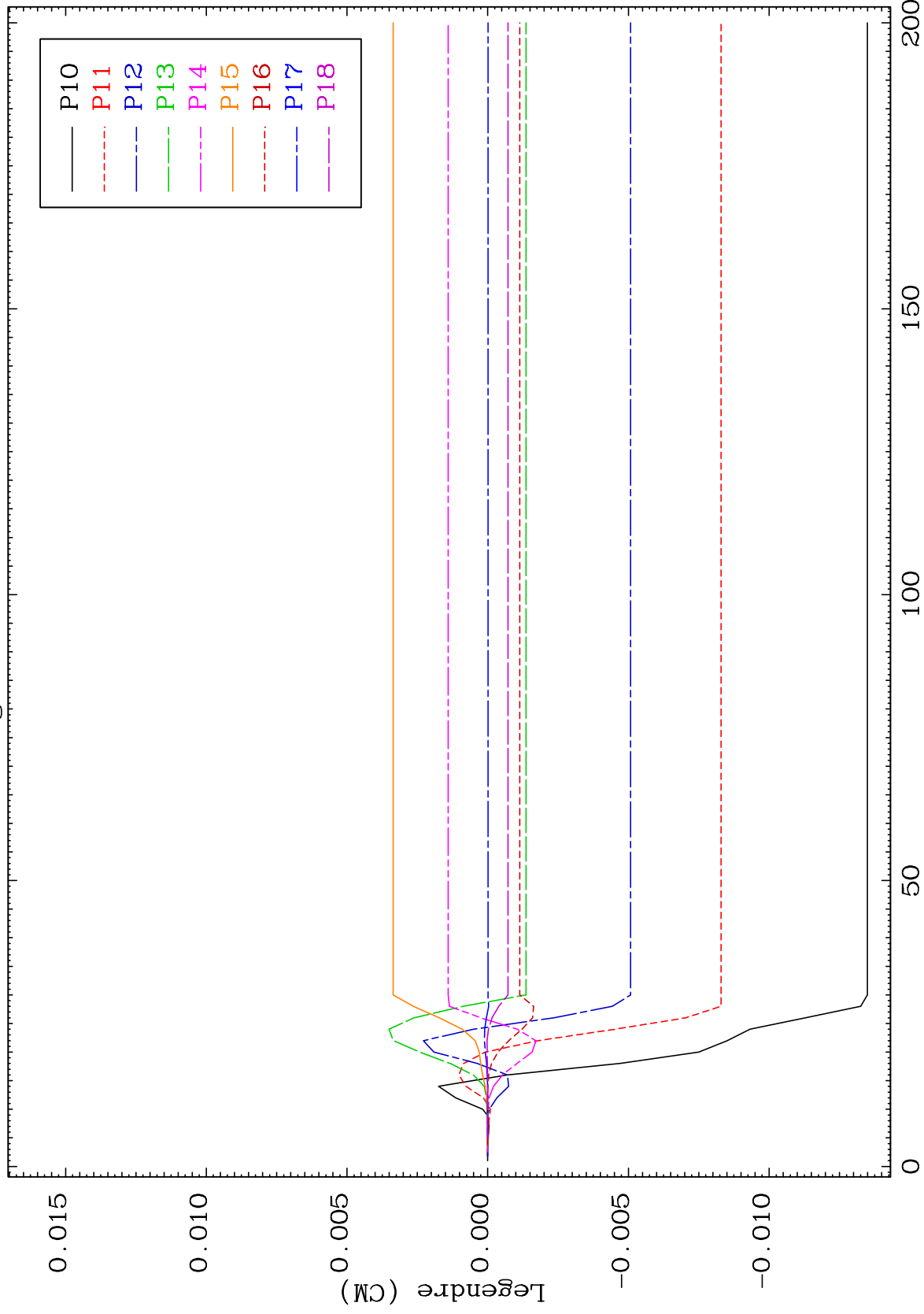
Incident Energy (MeV)

32

MAT 6170

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

61-Pm-154



33

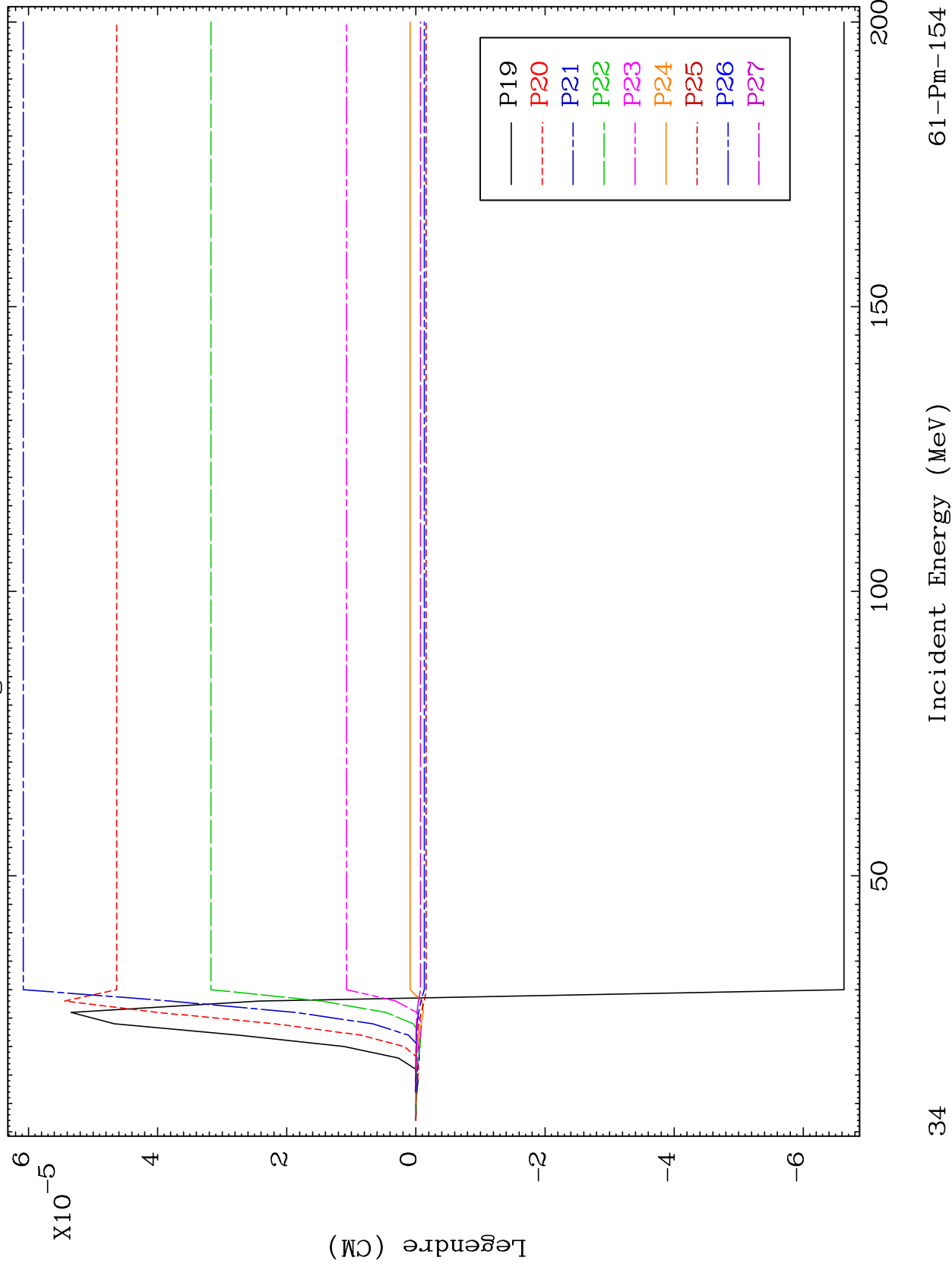
Incident Energy (MeV)

61-Pm-154

MAT 6170

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

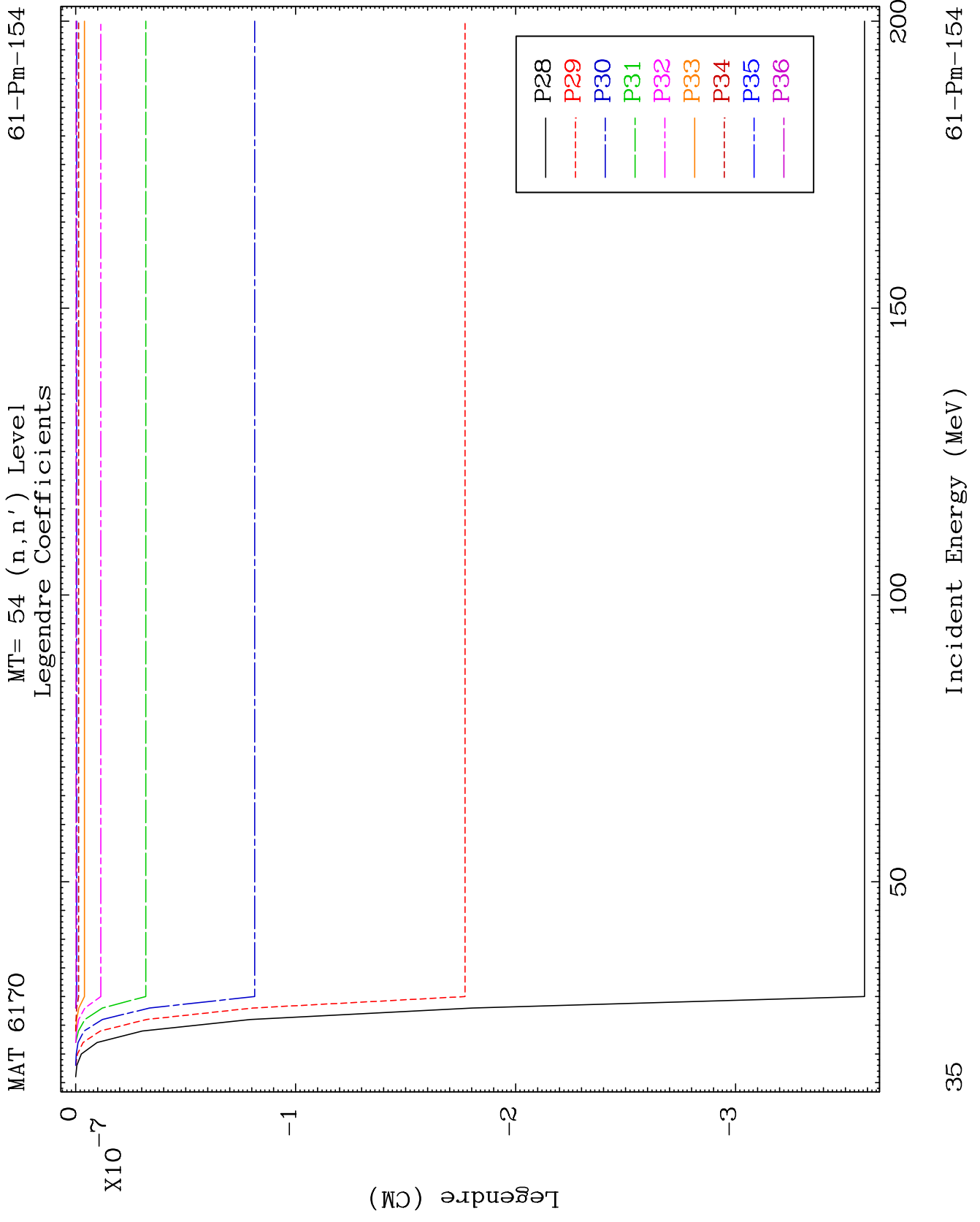
61-Pm-154



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Incident Energy (MeV)

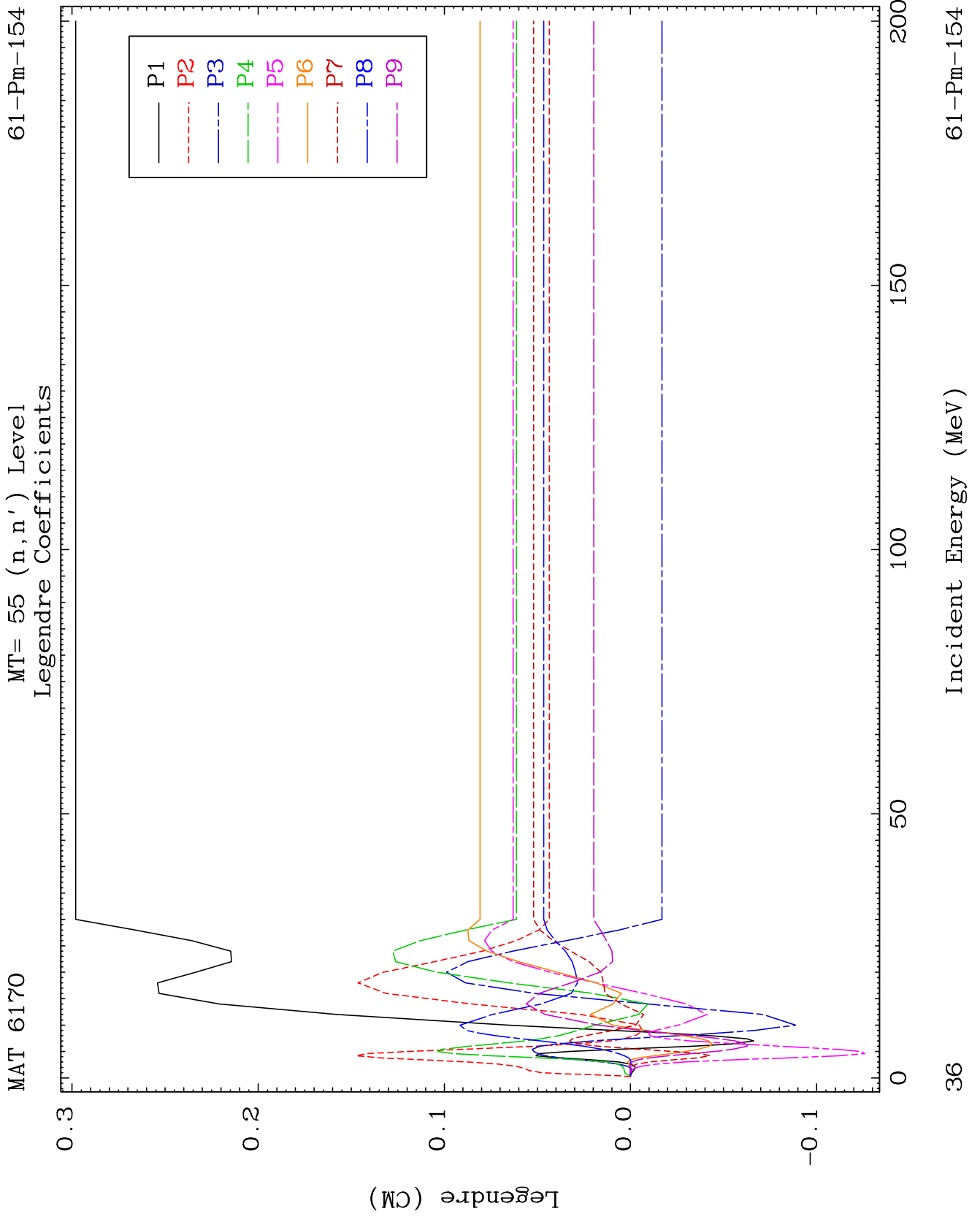
61-Pm-154



61-Pm-154

Incident Energy (MeV)

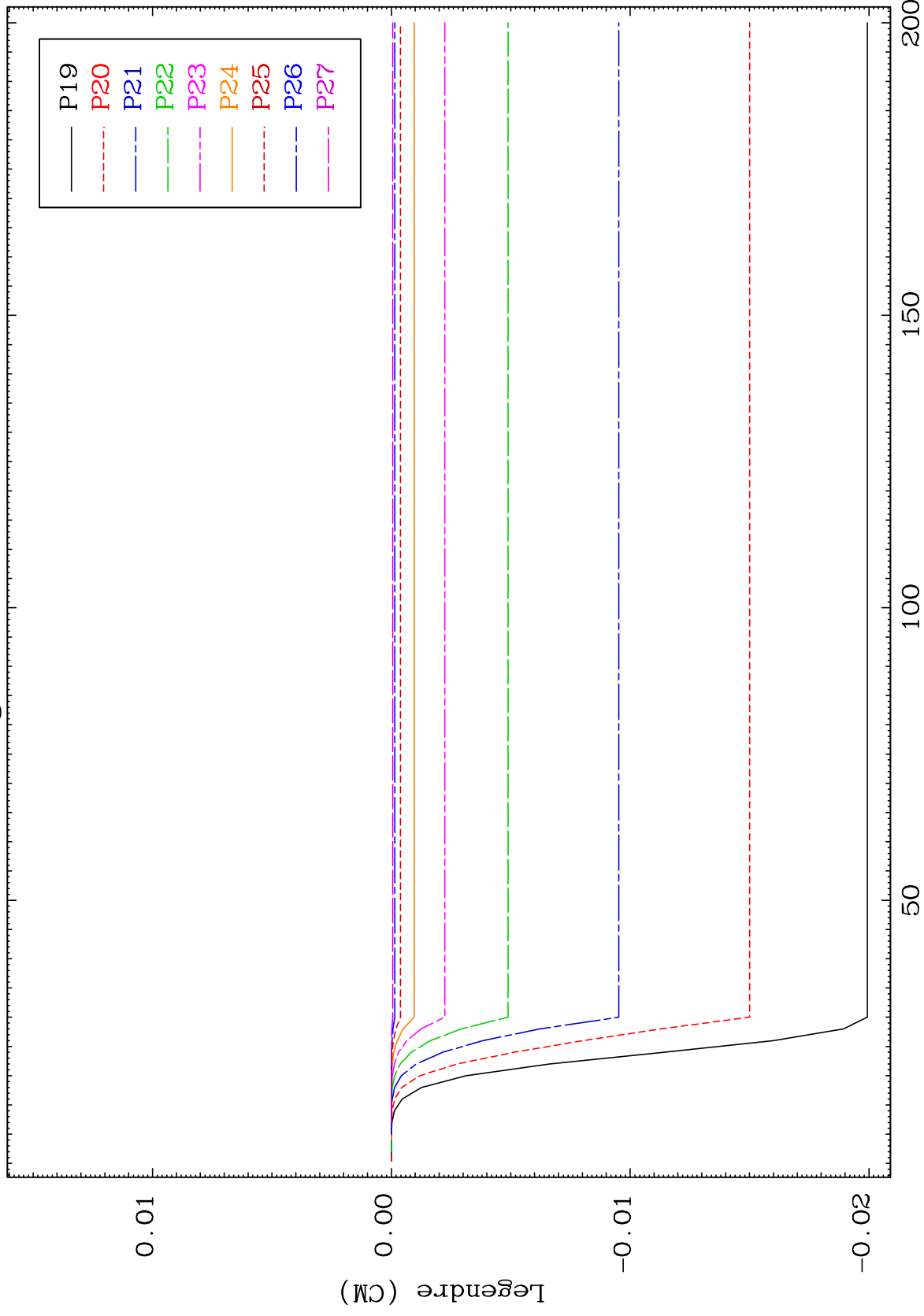
35



MAT 6170

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

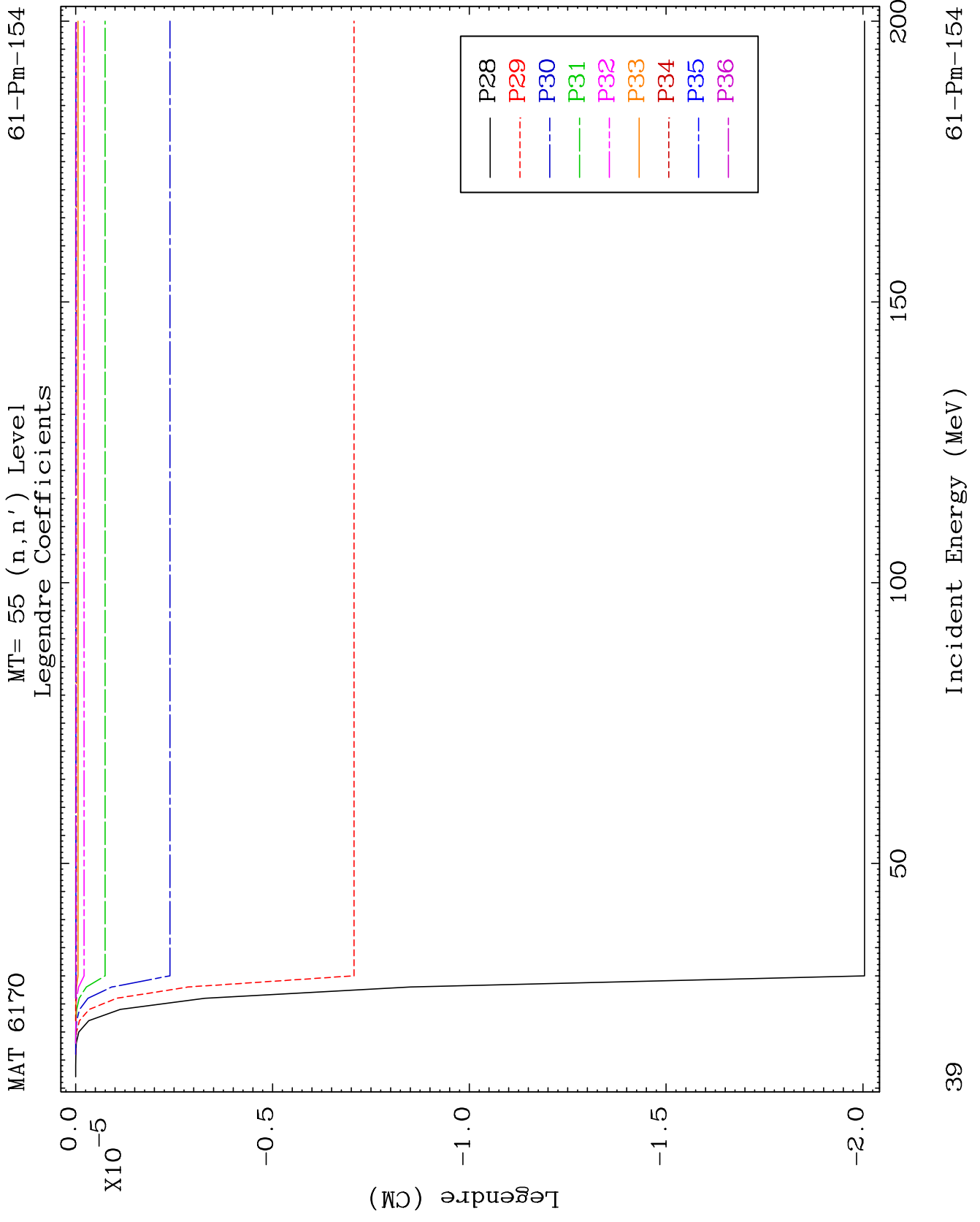
61-Pm-154



38

Incident Energy (MeV)

61-Pm-154

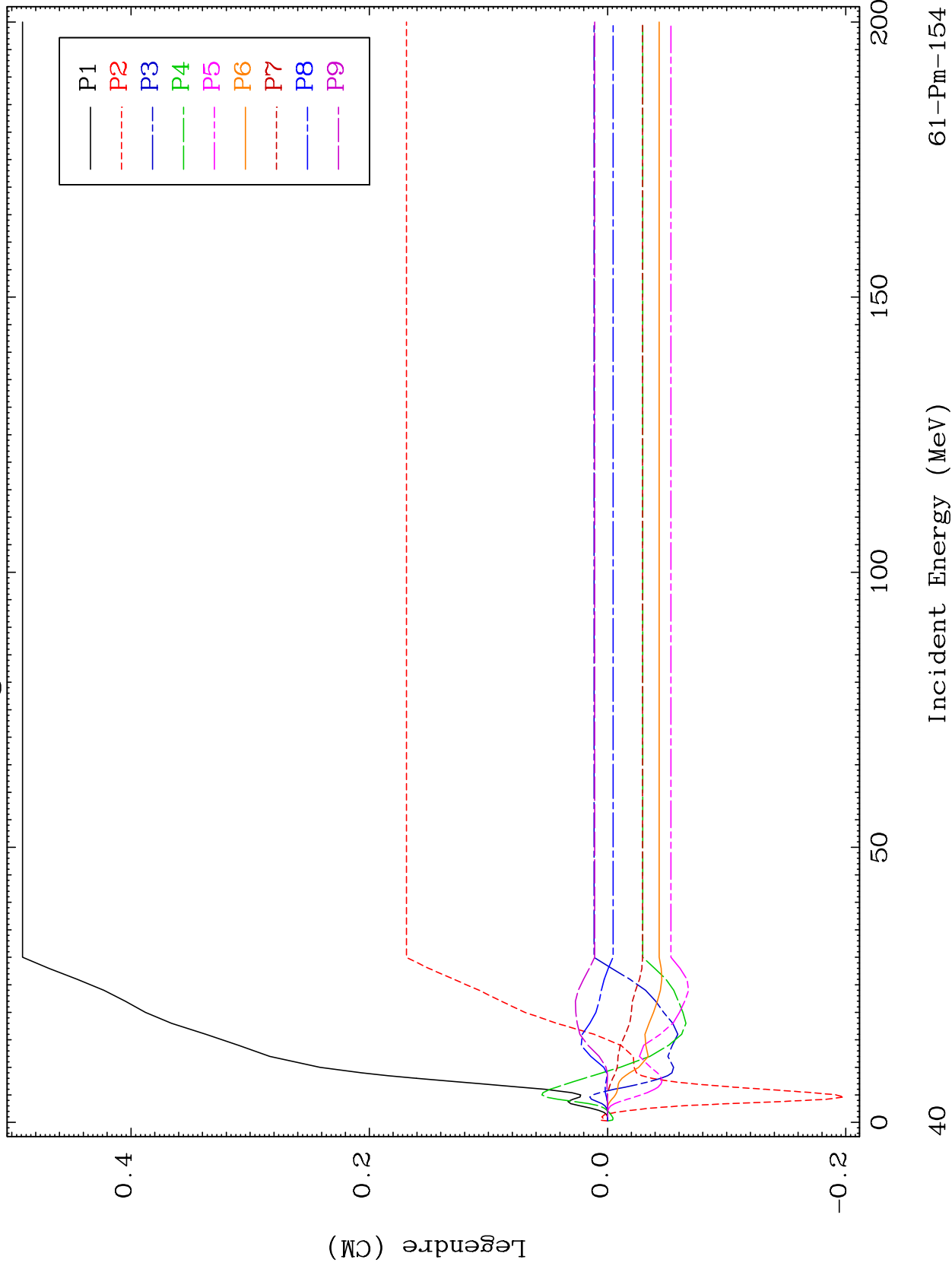


MAT 6170

MT= 56 (n,n') Level

61-Pm-154

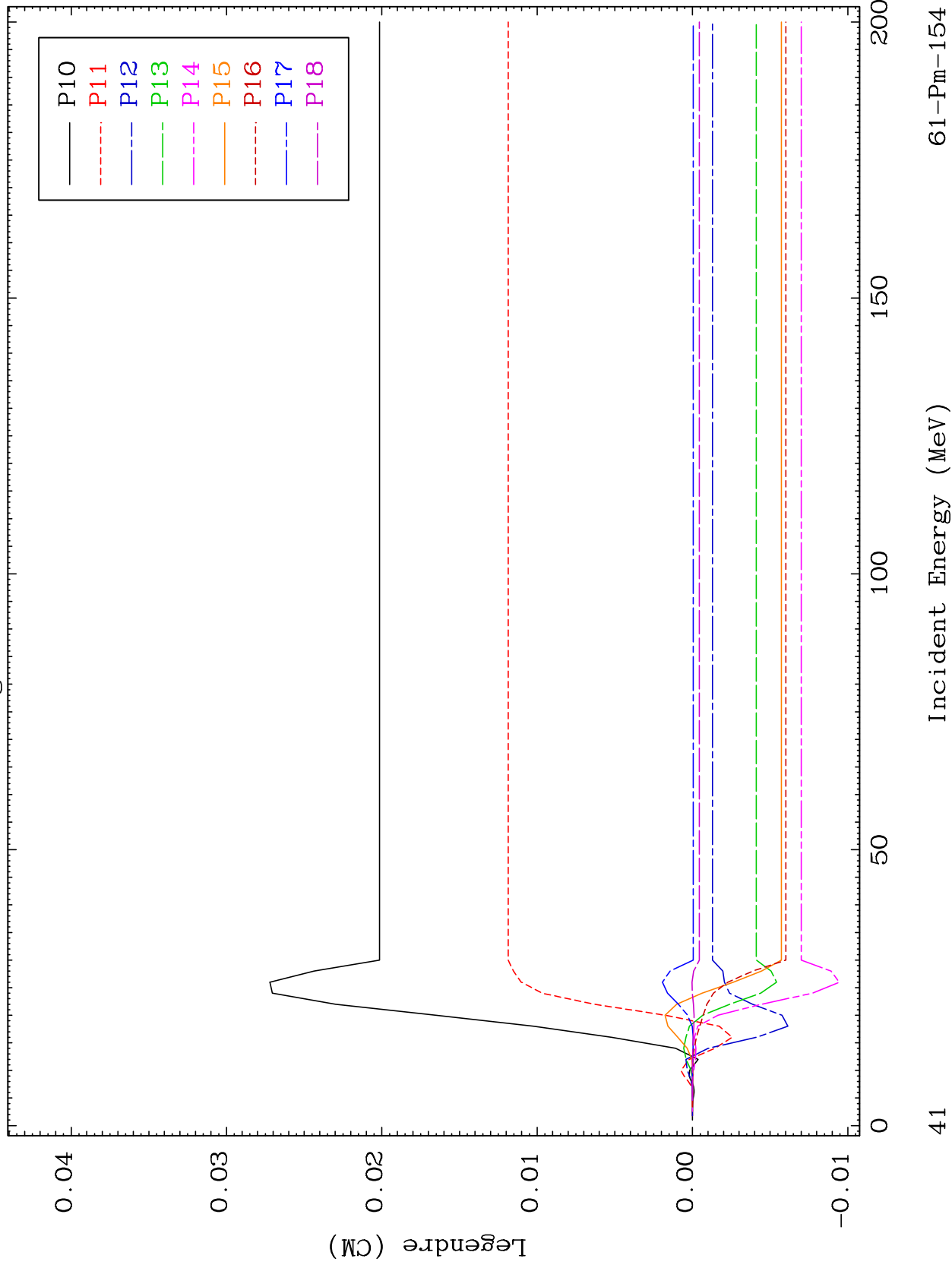
Legendre Coefficients



MAT 6170

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

61-Pm-154



41

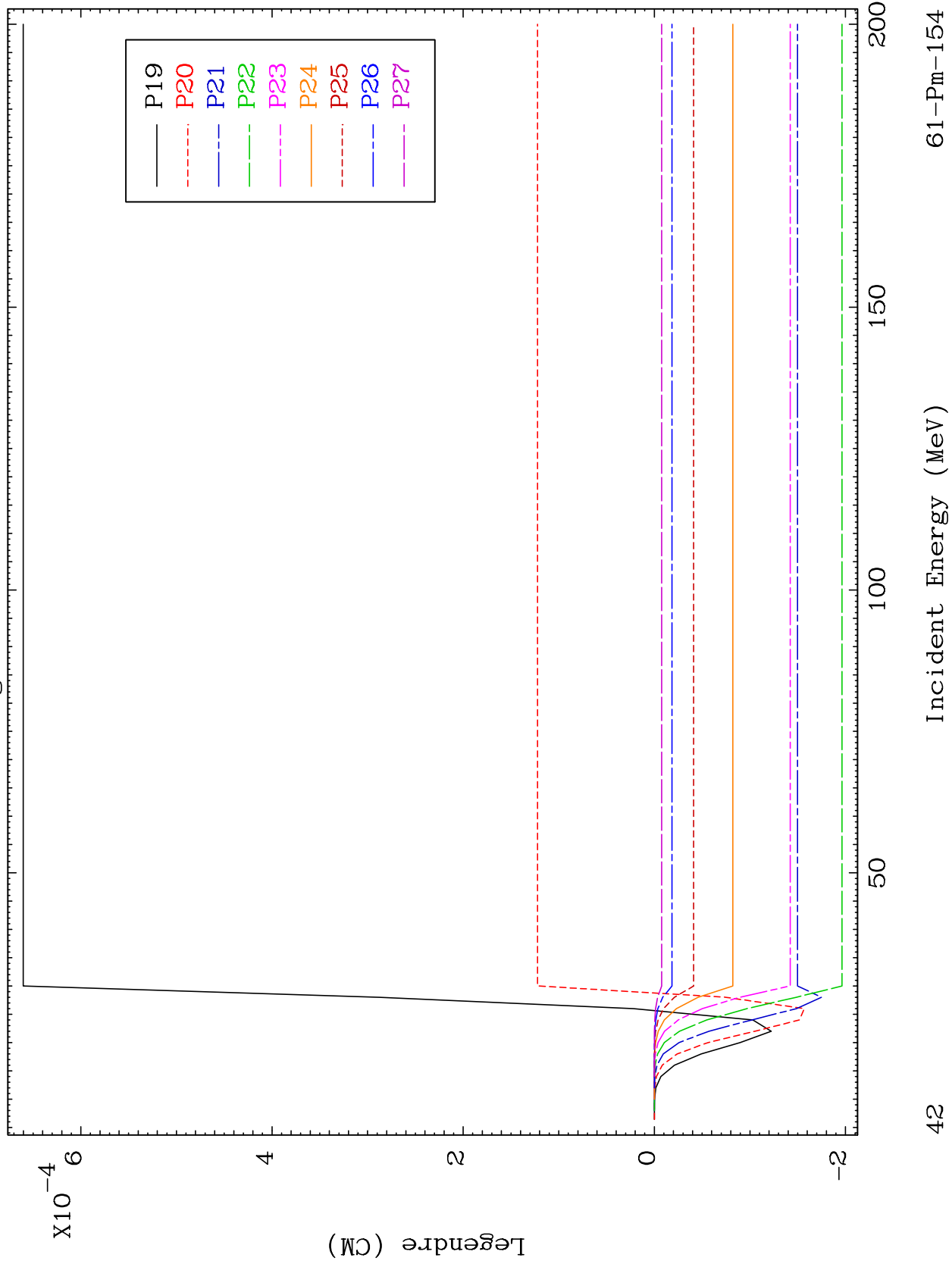
Incident Energy (MeV)

61-Pm-154

MAT 6170

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

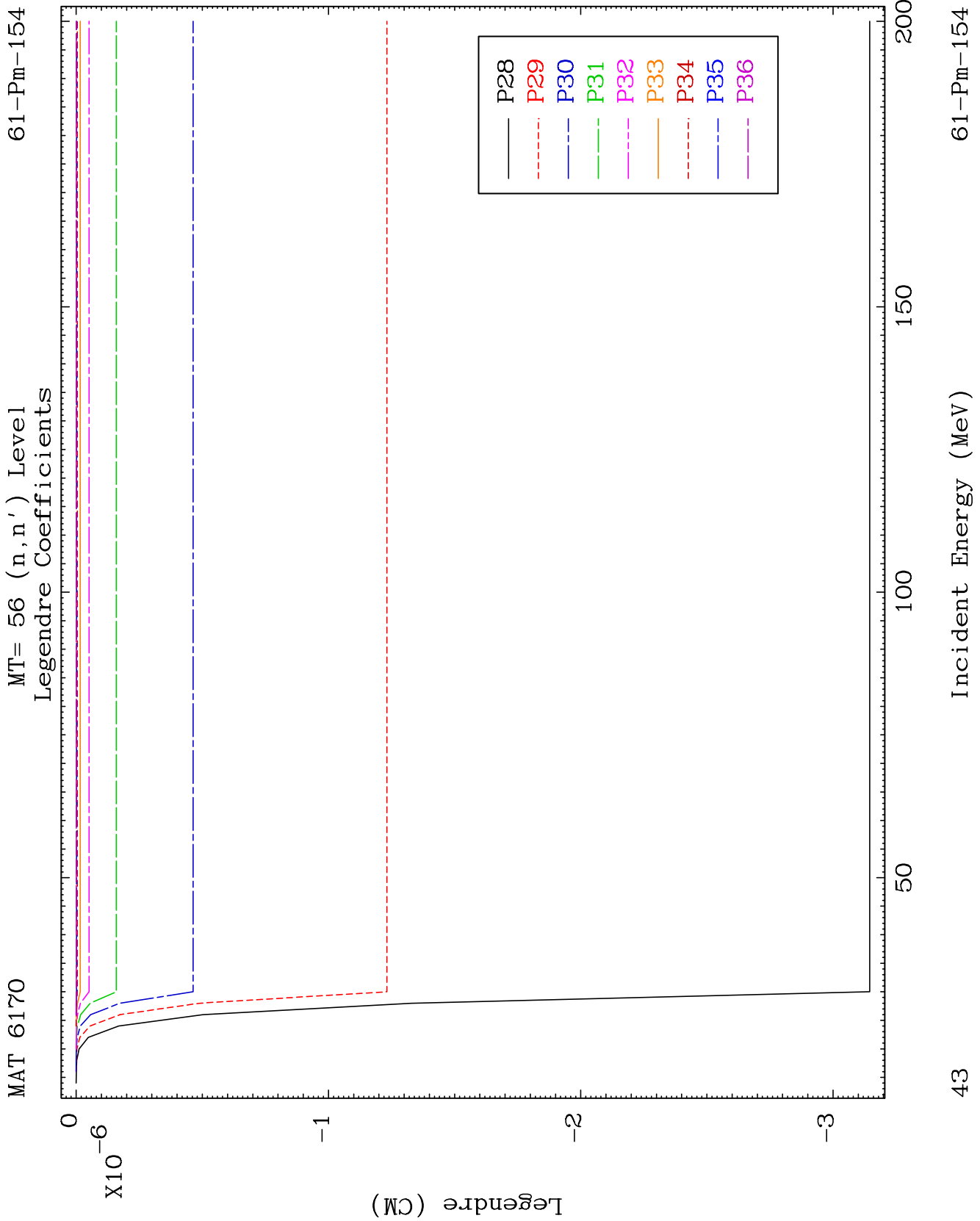
61-Pm-154



42

Incident Energy (MeV)

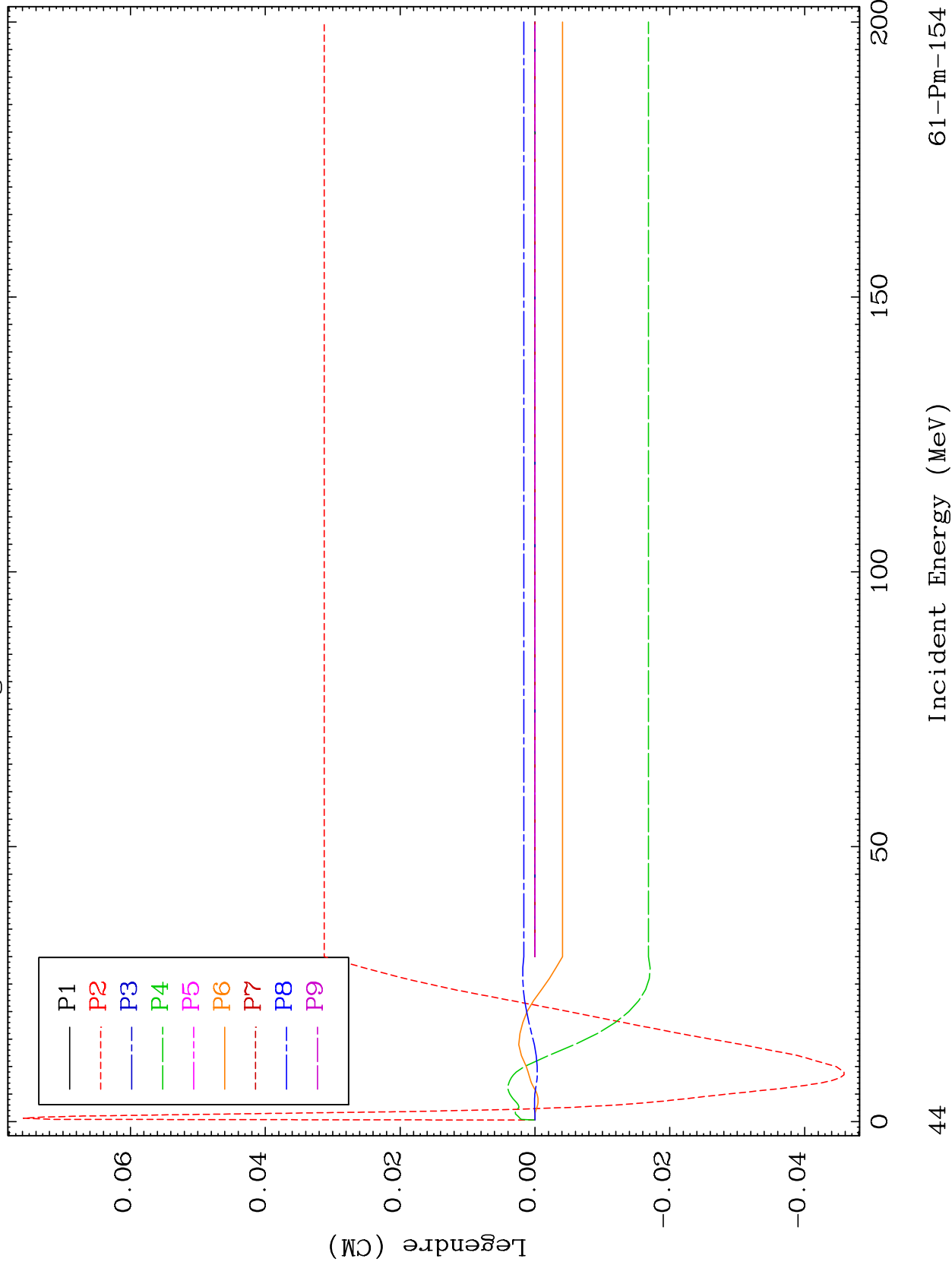
61-Pm-154



MAT 6170

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

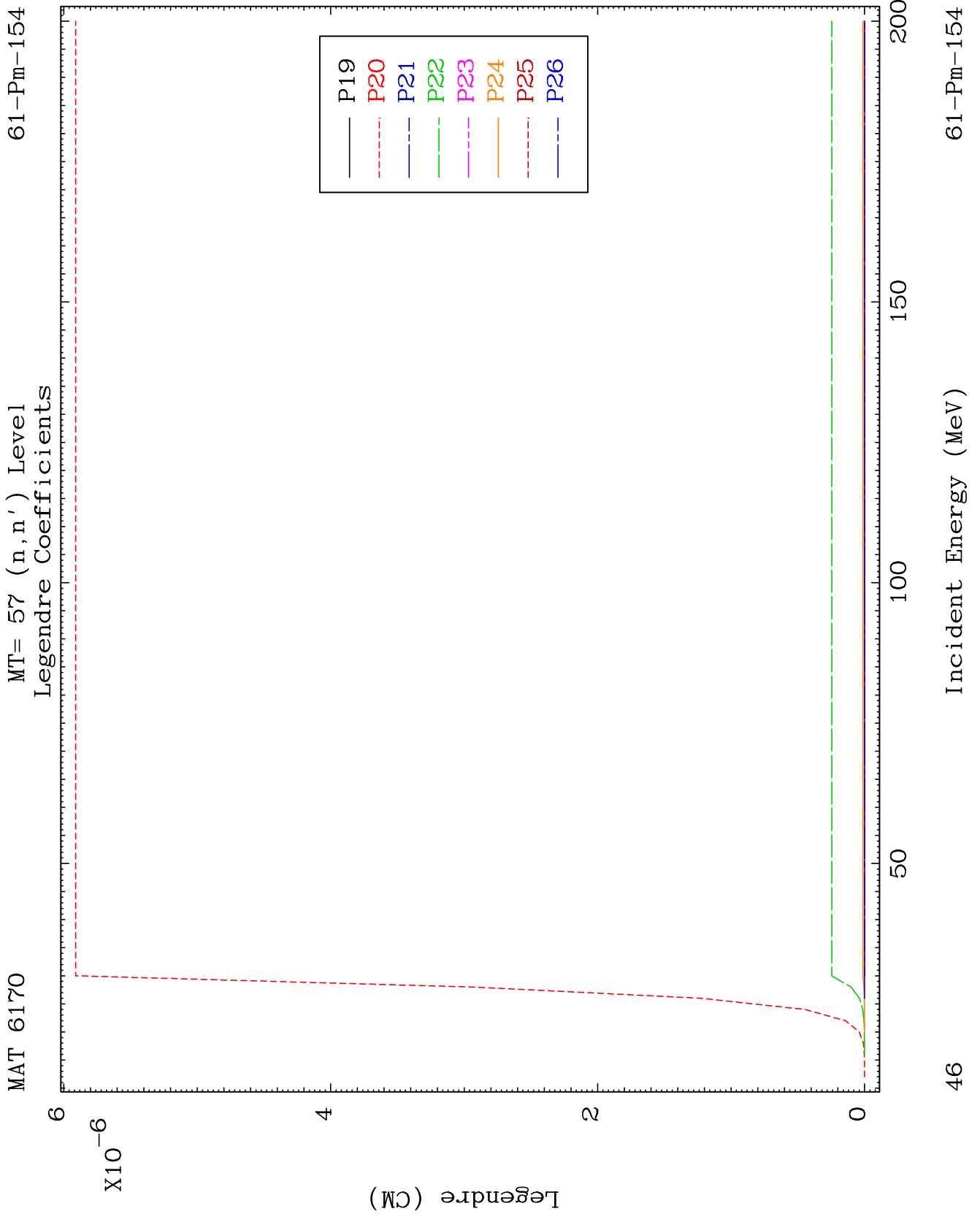
61-Pm-154



44

Incident Energy (MeV)

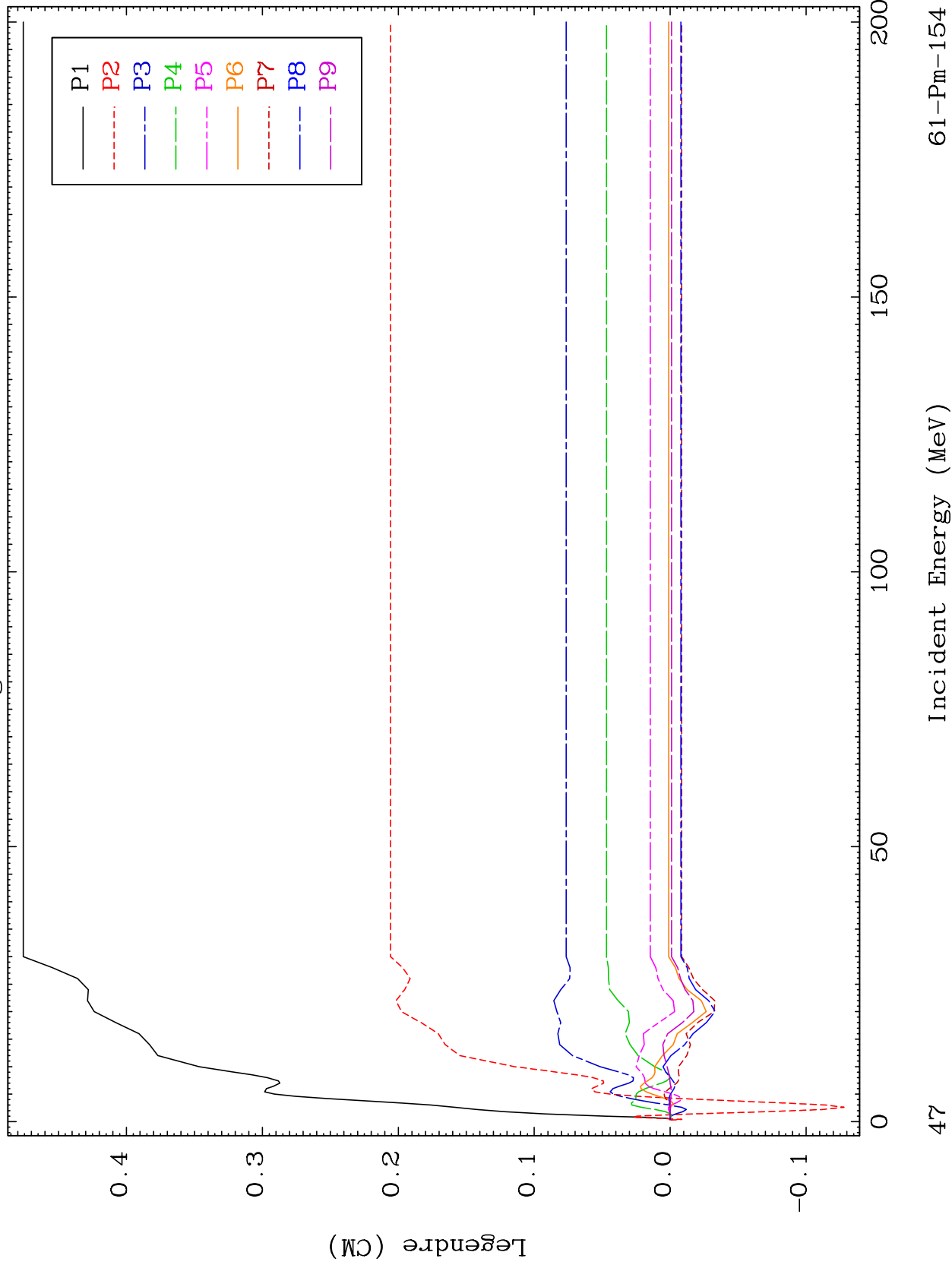
61-Pm-154



MAT 6170

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

61-Pm-154



61-Pm-154

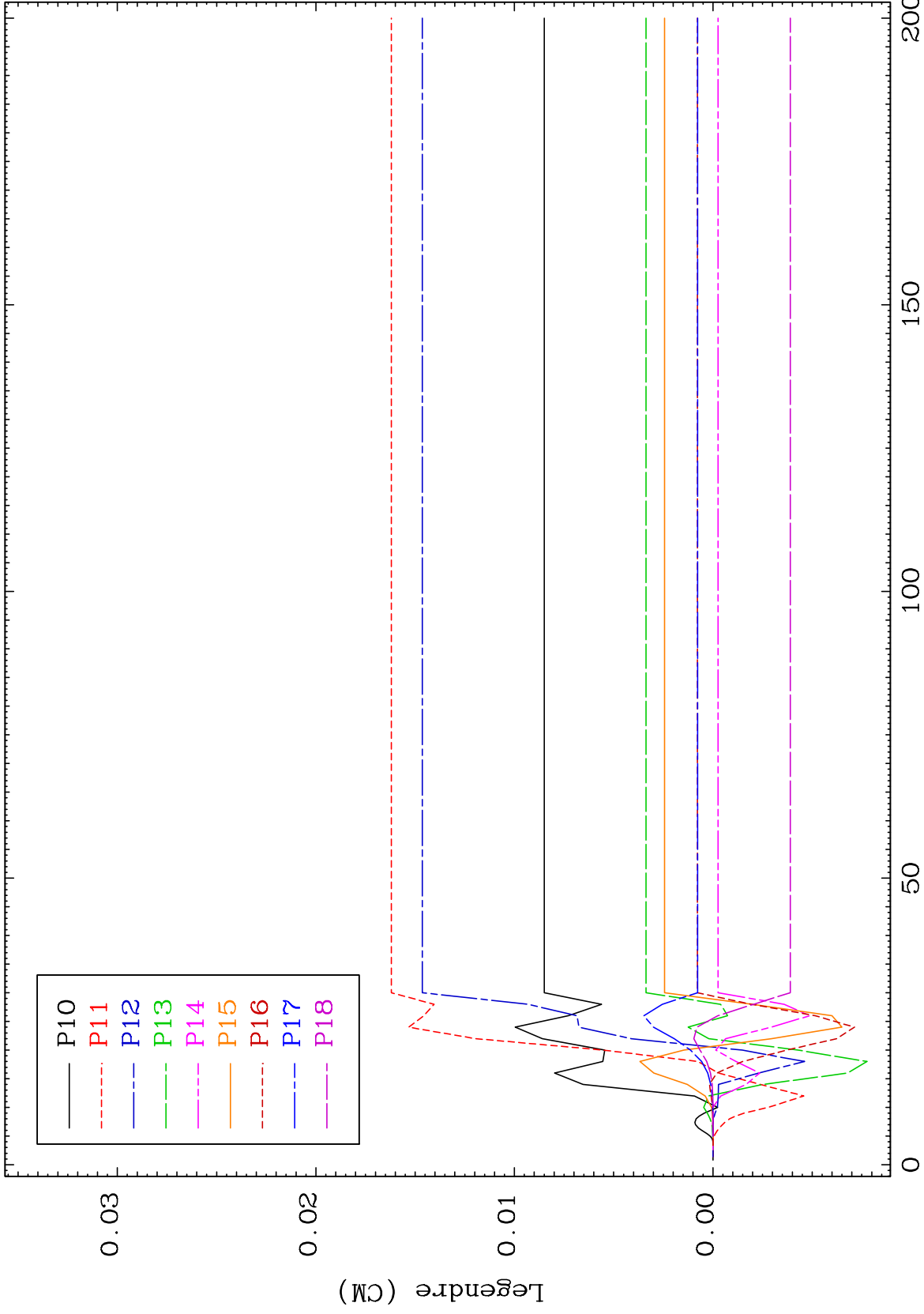
Incident Energy (MeV)

47

MAT 6170

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

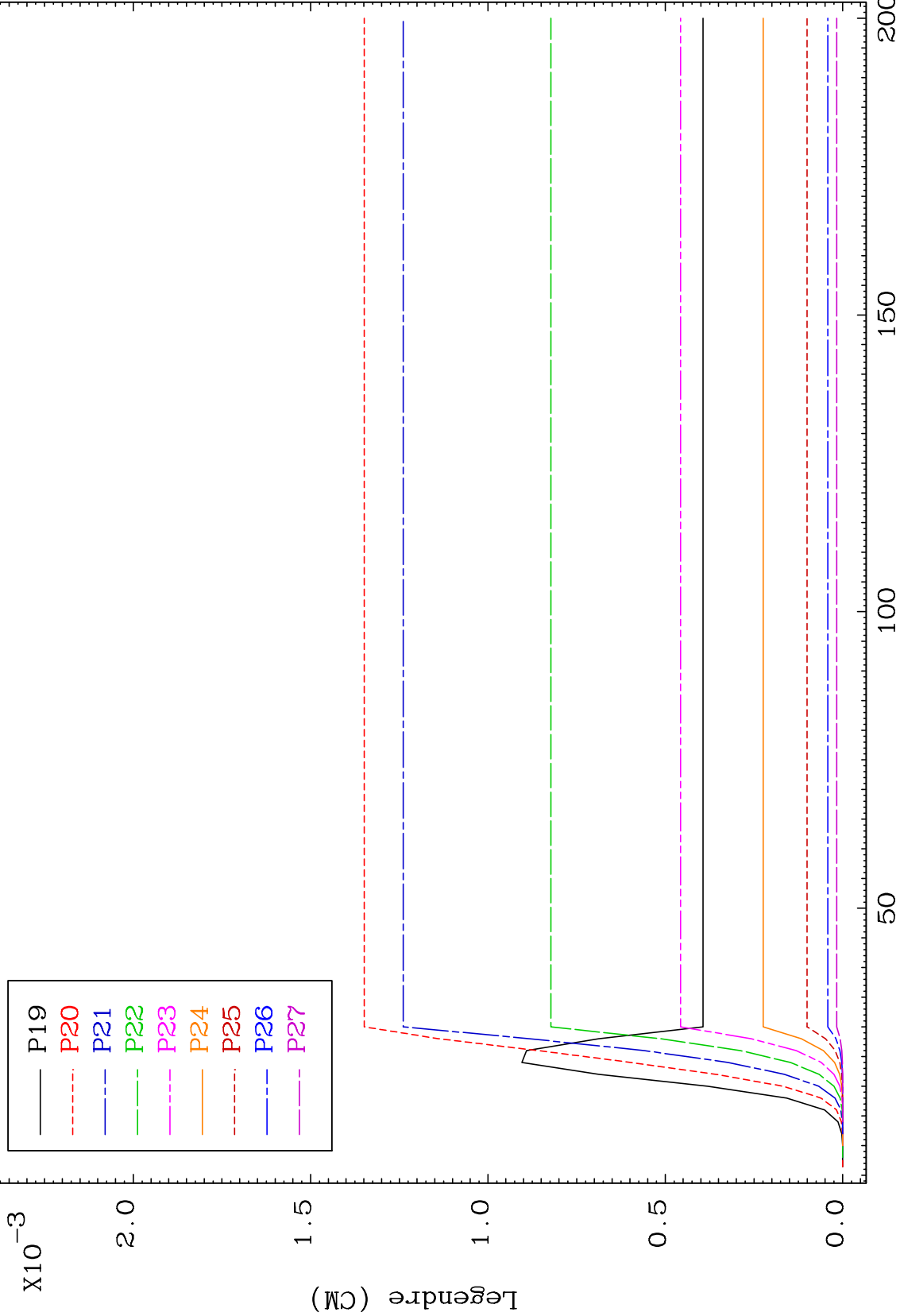
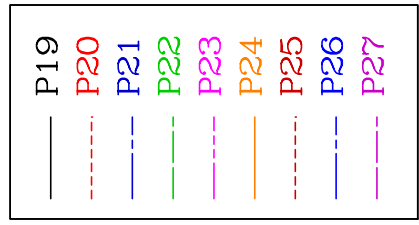
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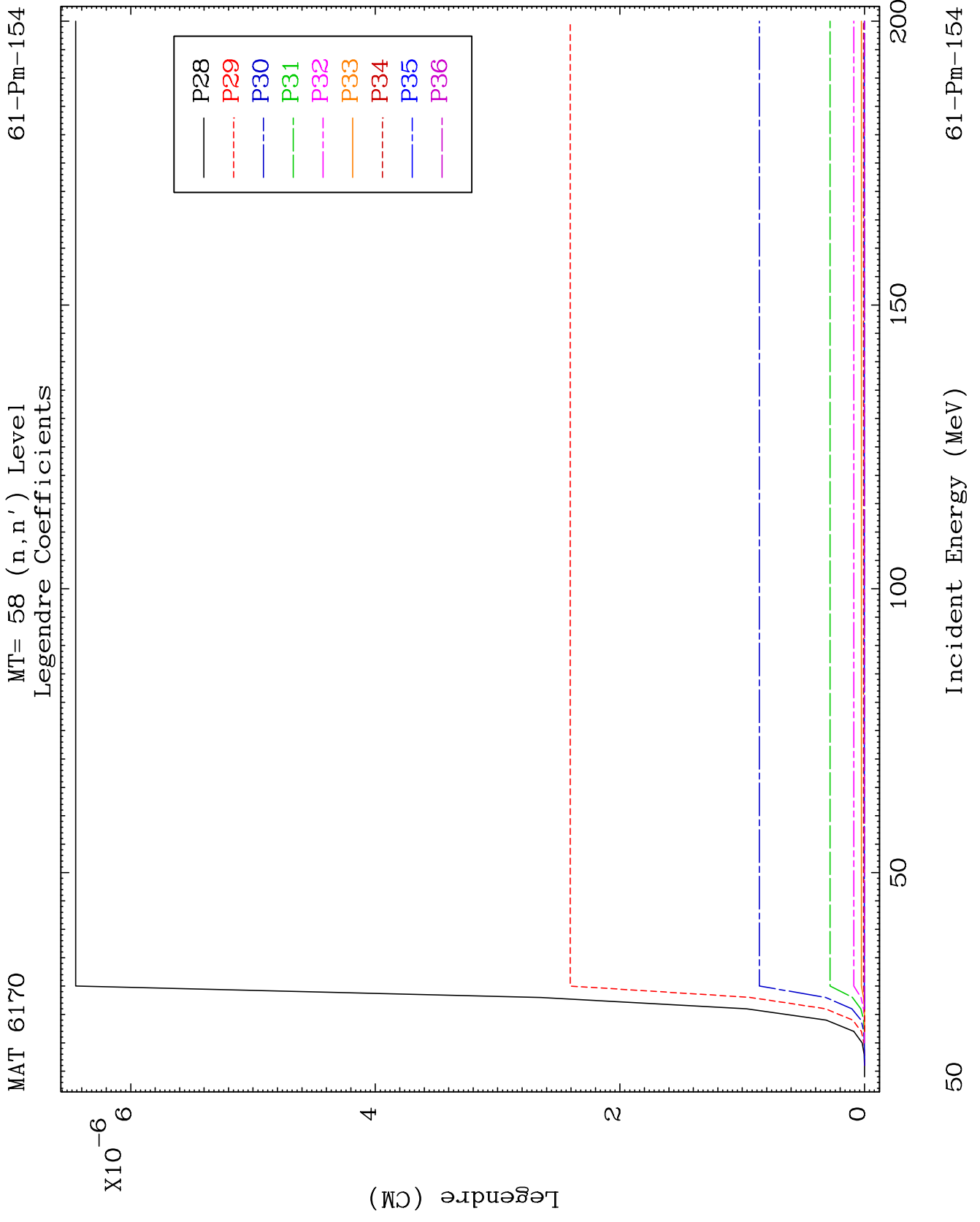


48

Incident Energy (MeV)

61-Pm-154

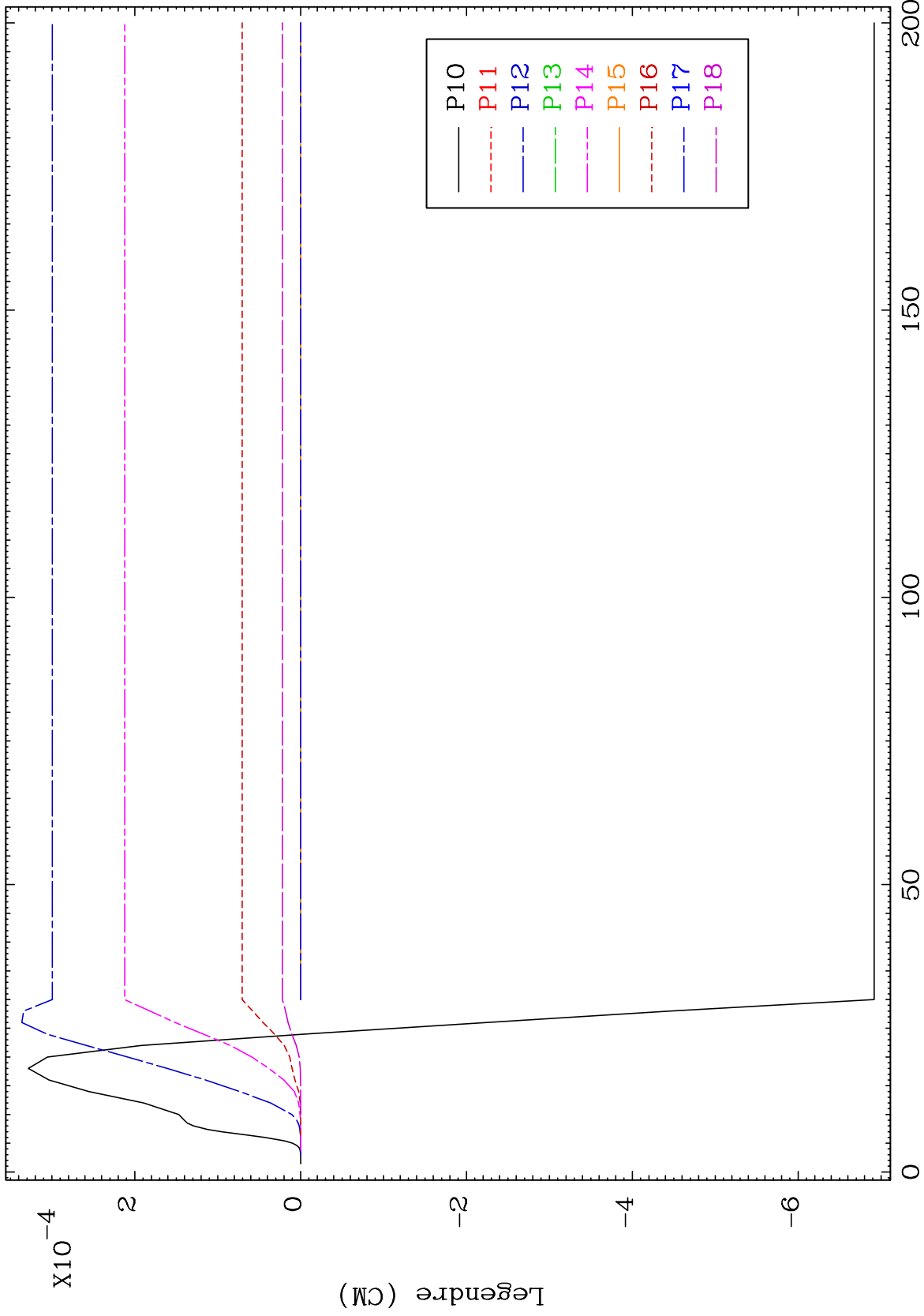




MAT 6170

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

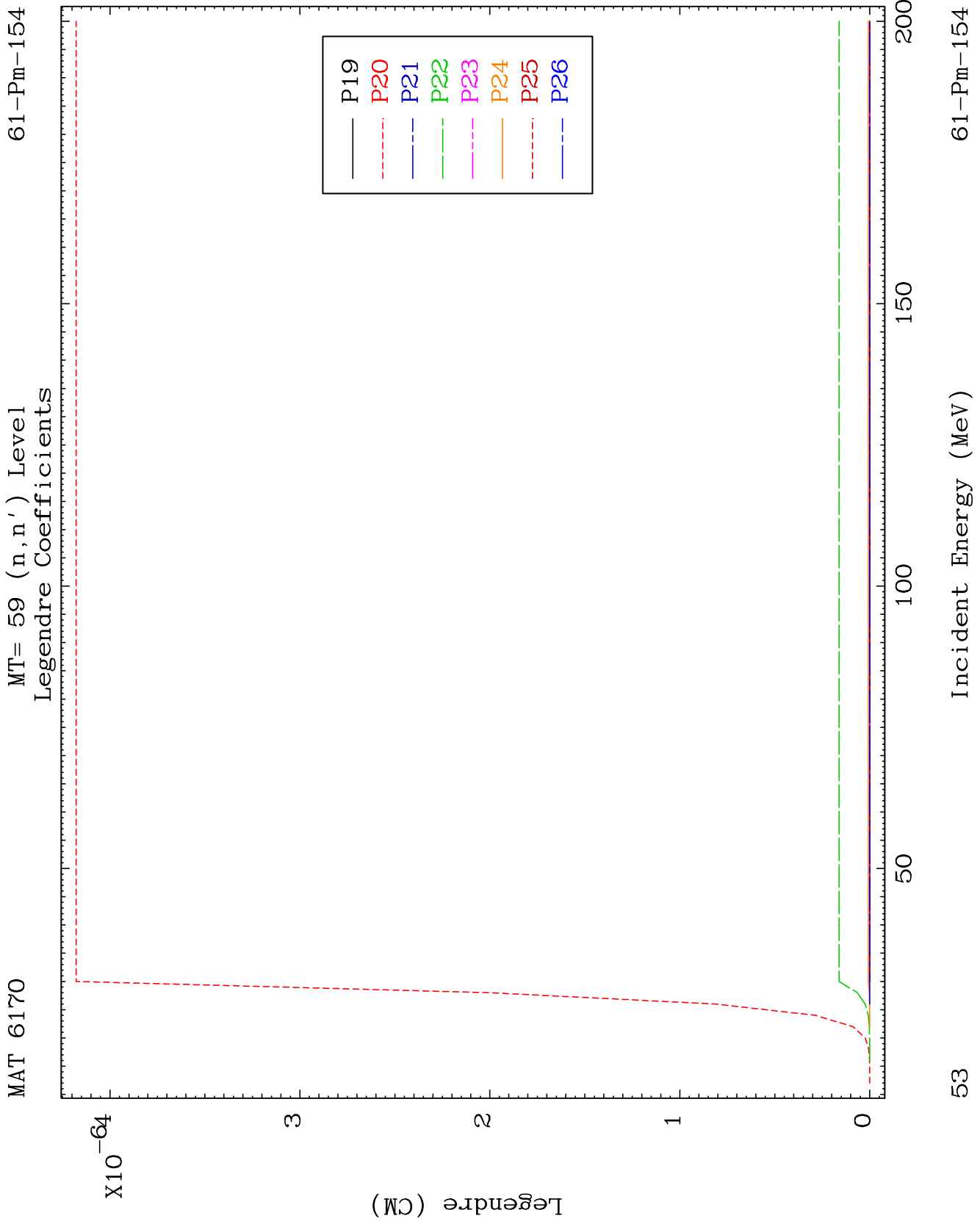
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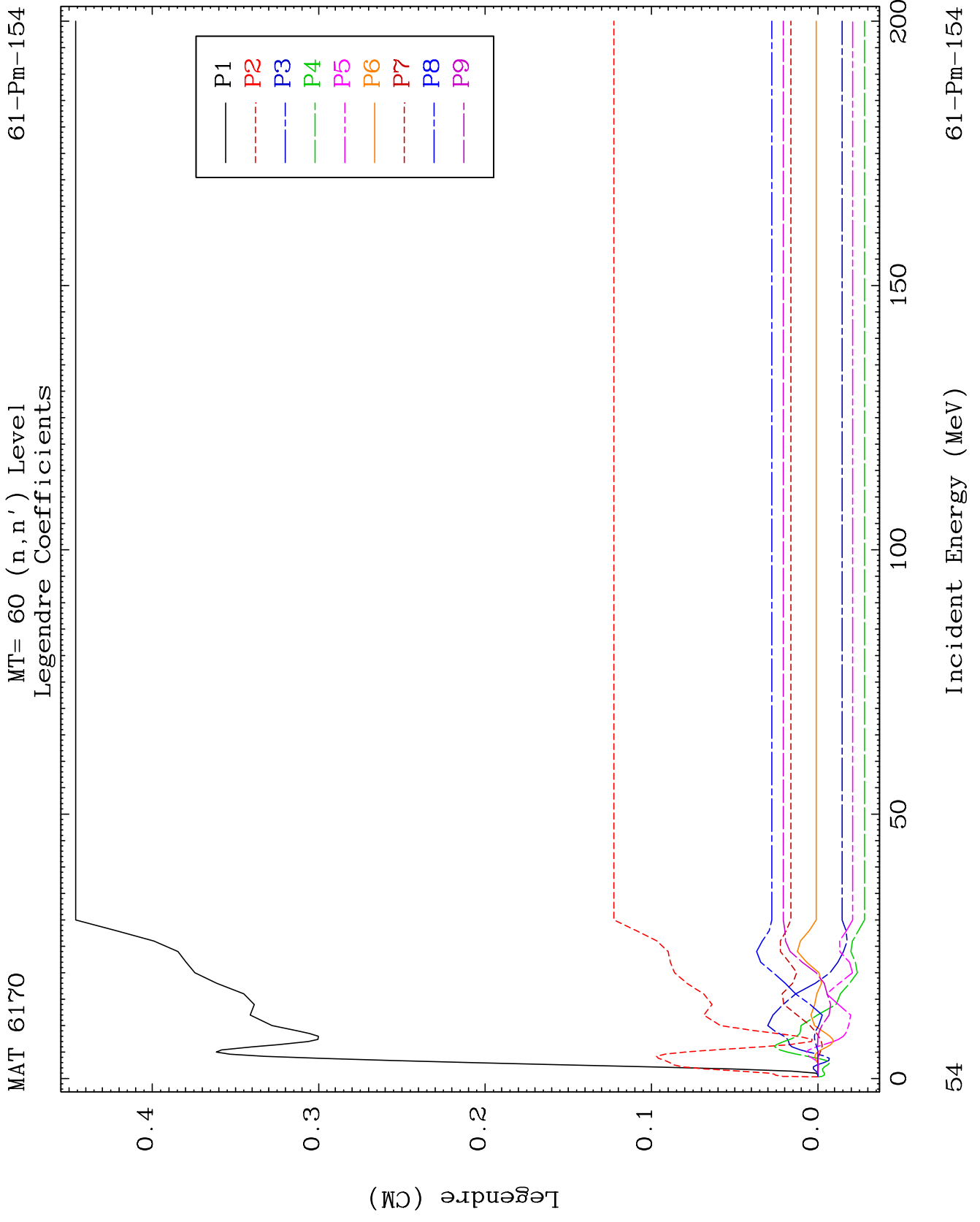


52

Incident Energy (MeV)

61-Pm-154

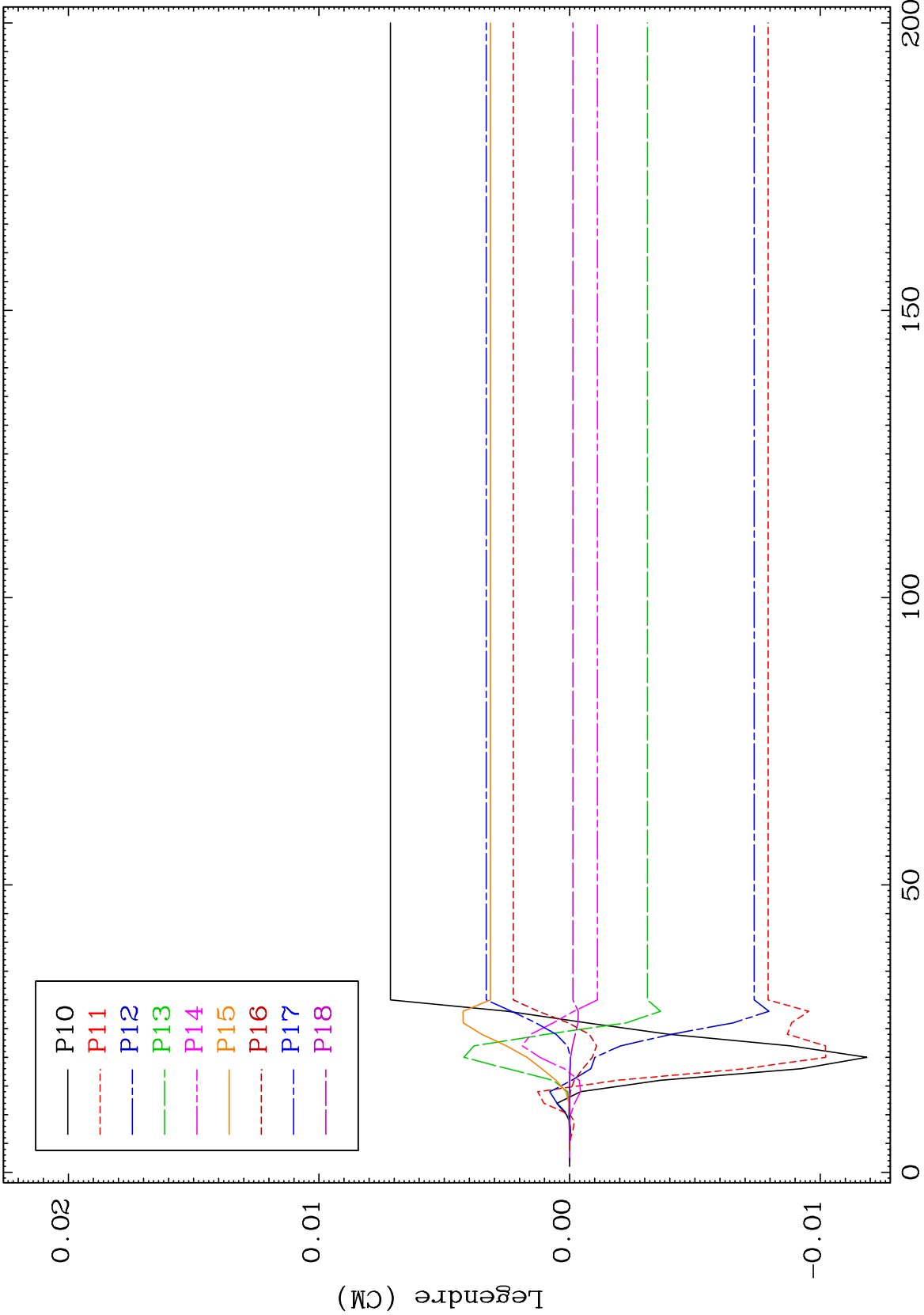




MAT 6170

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

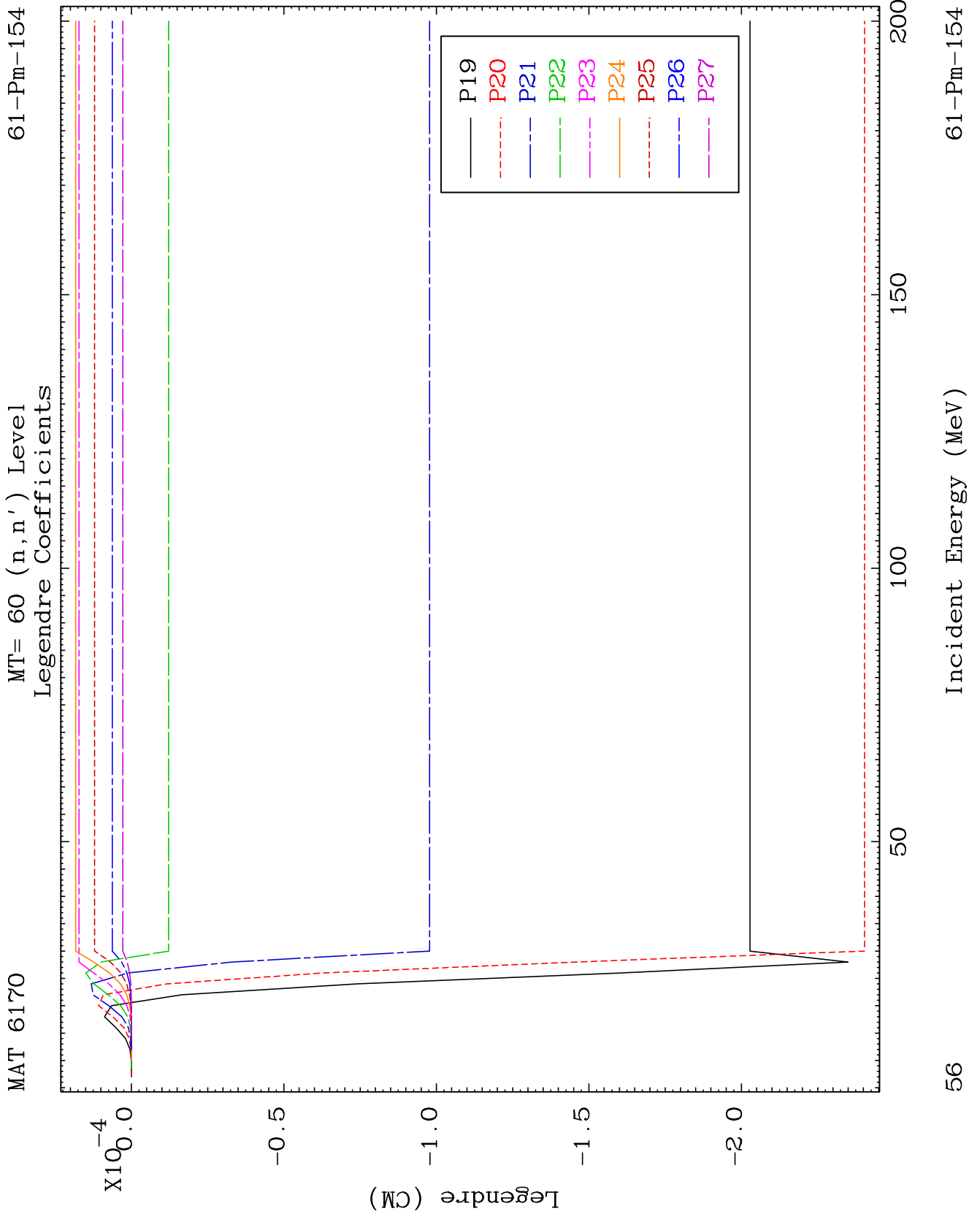
61-Pm-154



55

Incident Energy (MeV)

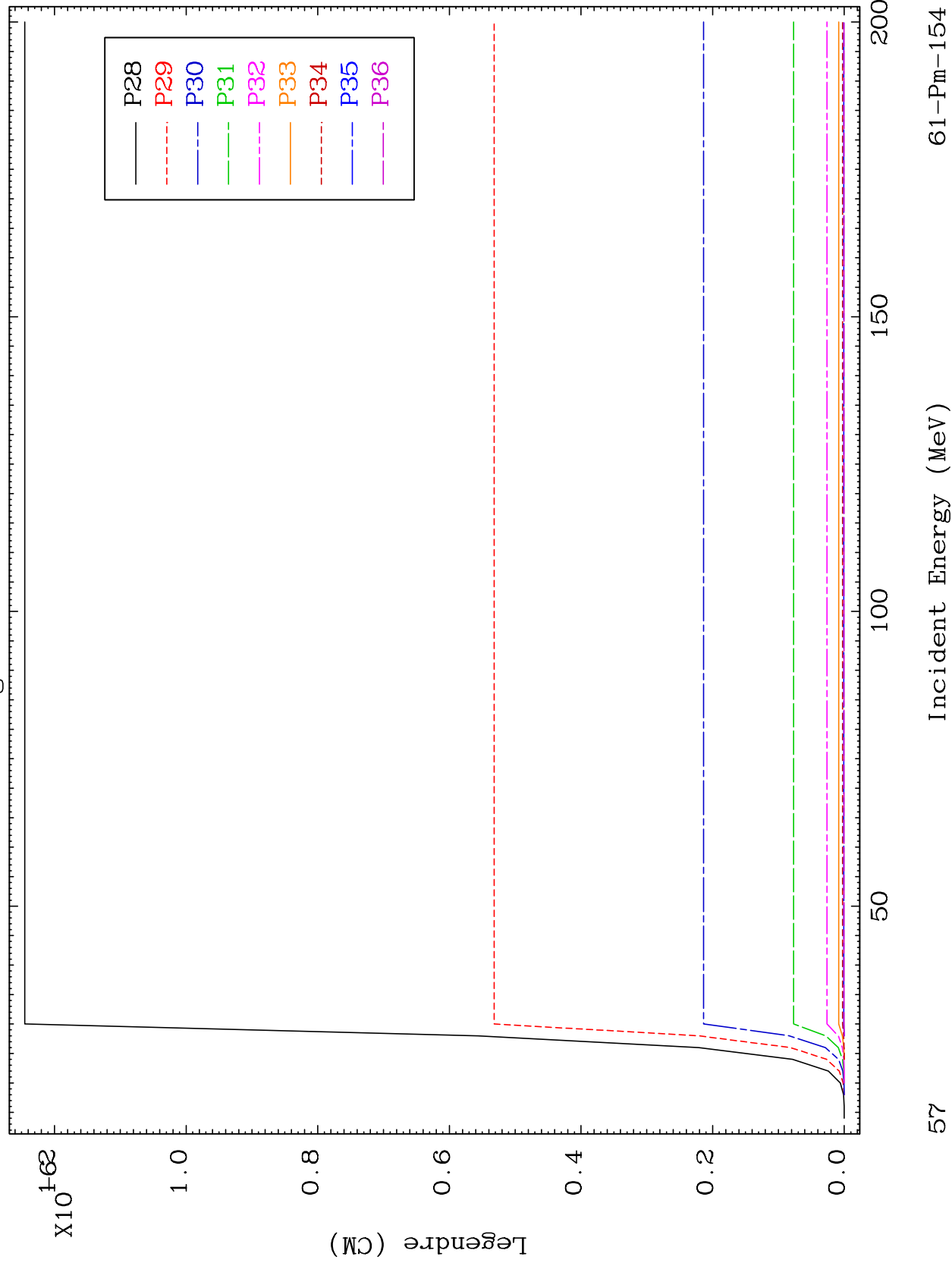
61-Pm-154



MAT 6170

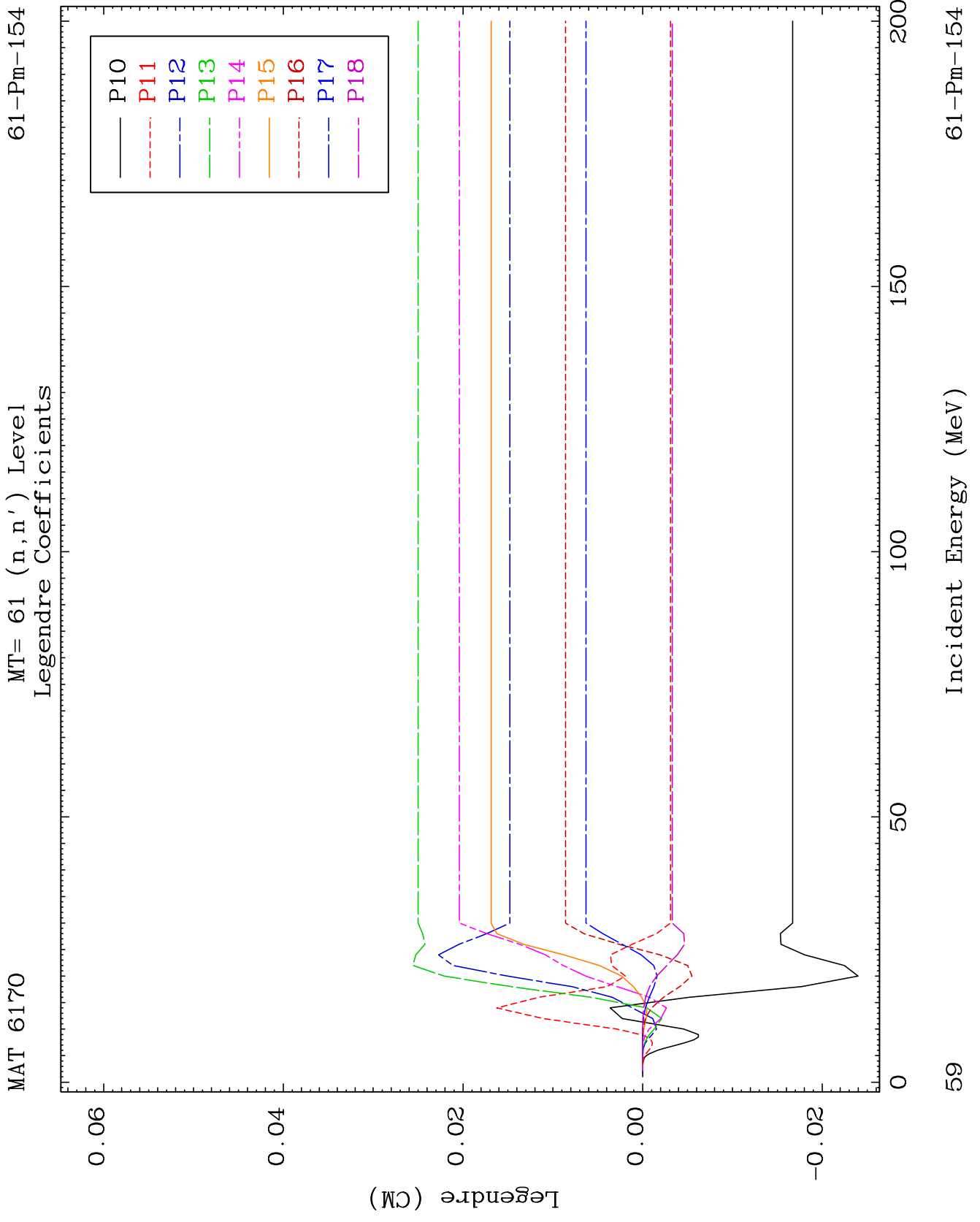
MT= 60 (n,n') Level
Legendre Coefficients

61-Pm-154



57

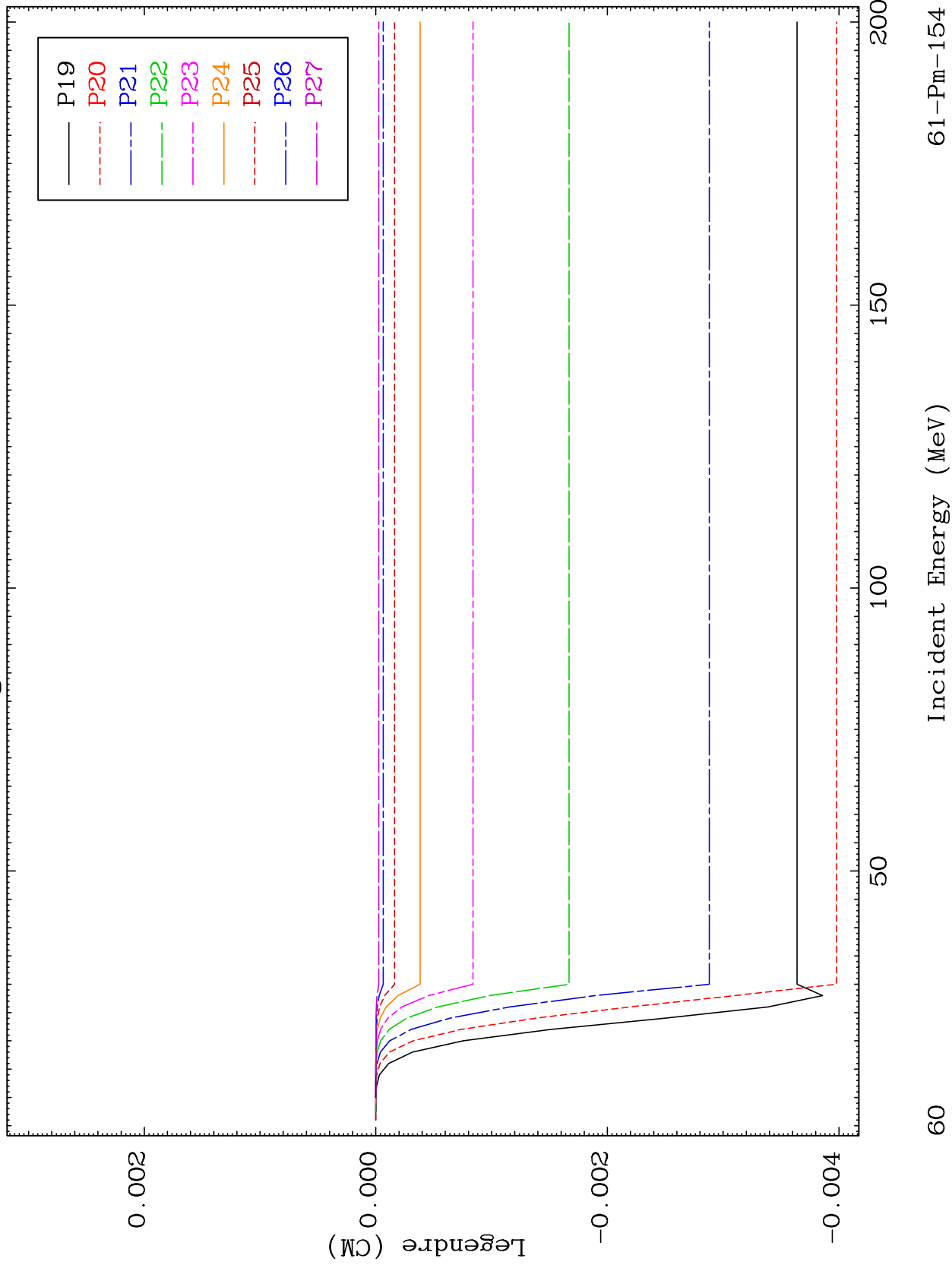
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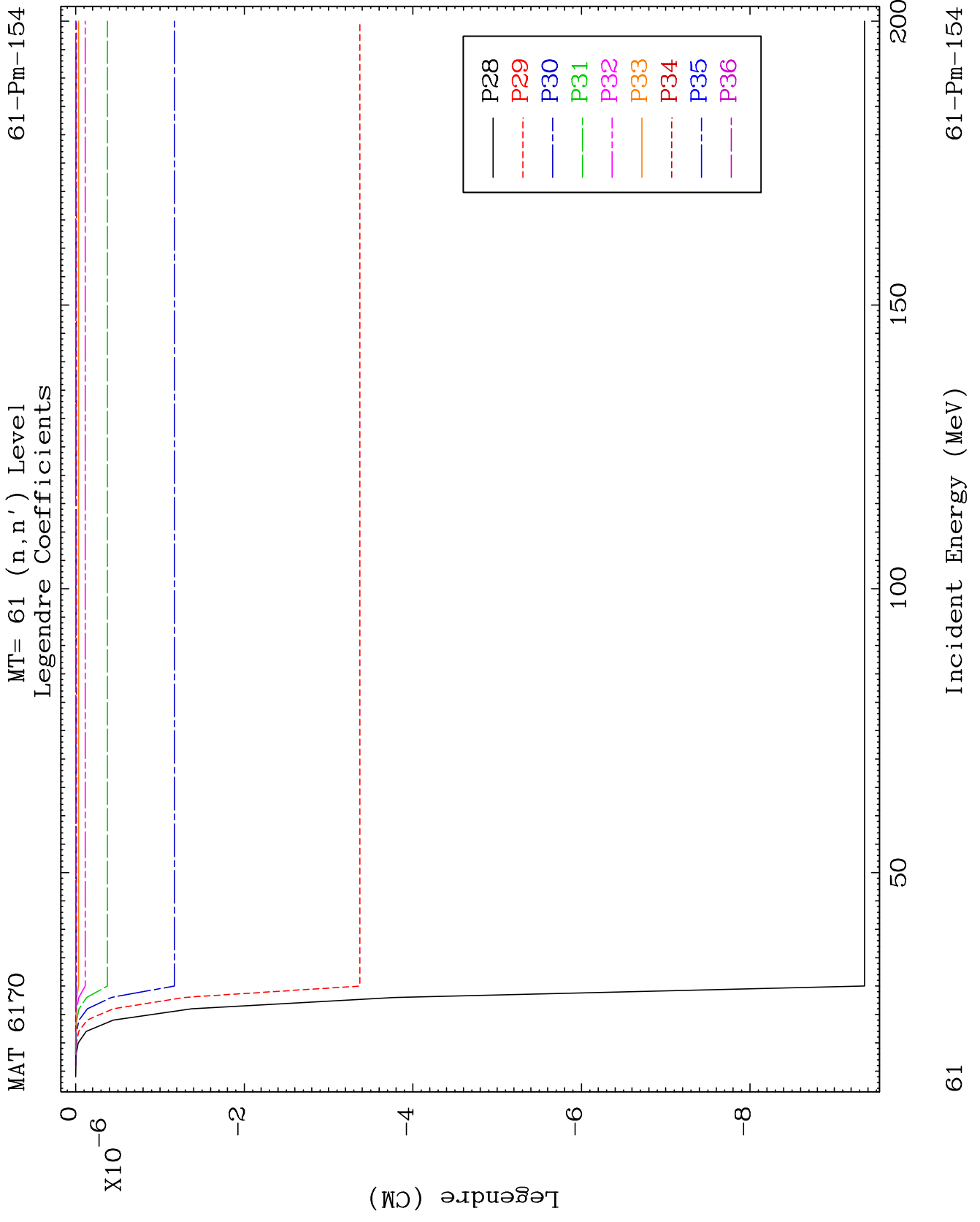


MAT 6170

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

61-Pm-154

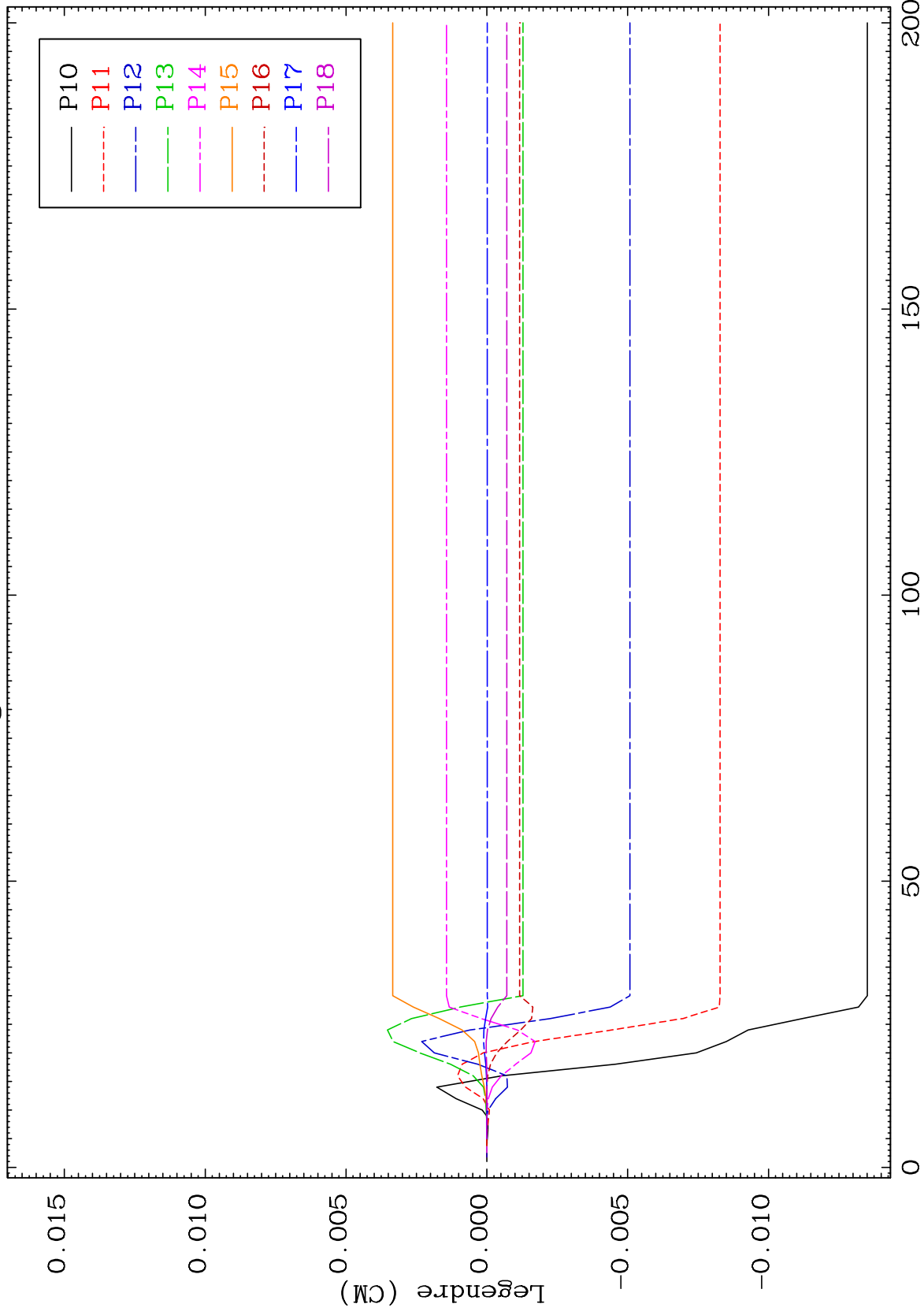




MAT 6170

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

61-Pm-154



63

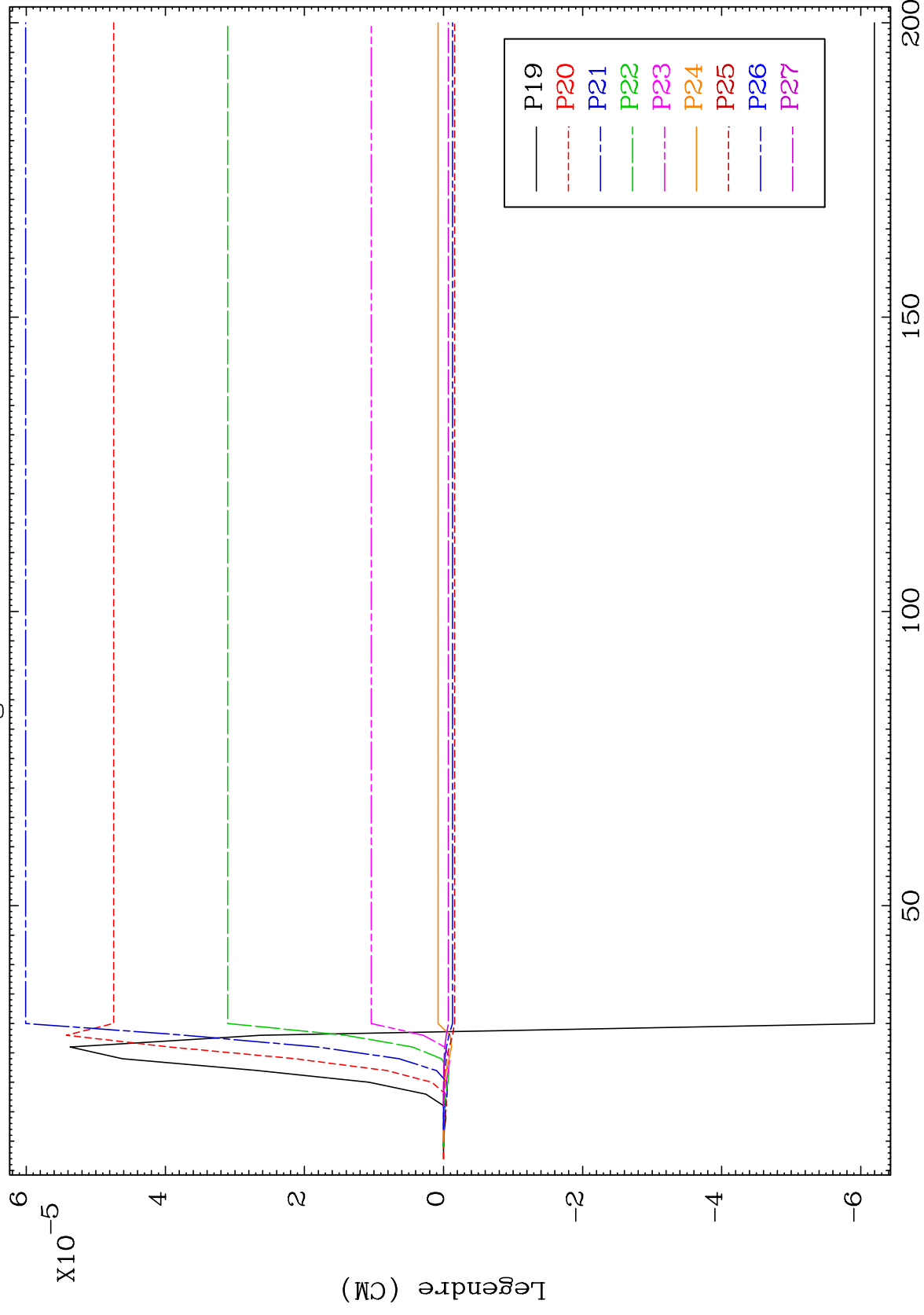
Incident Energy (MeV)

61-Pm-154

MAT 6170

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

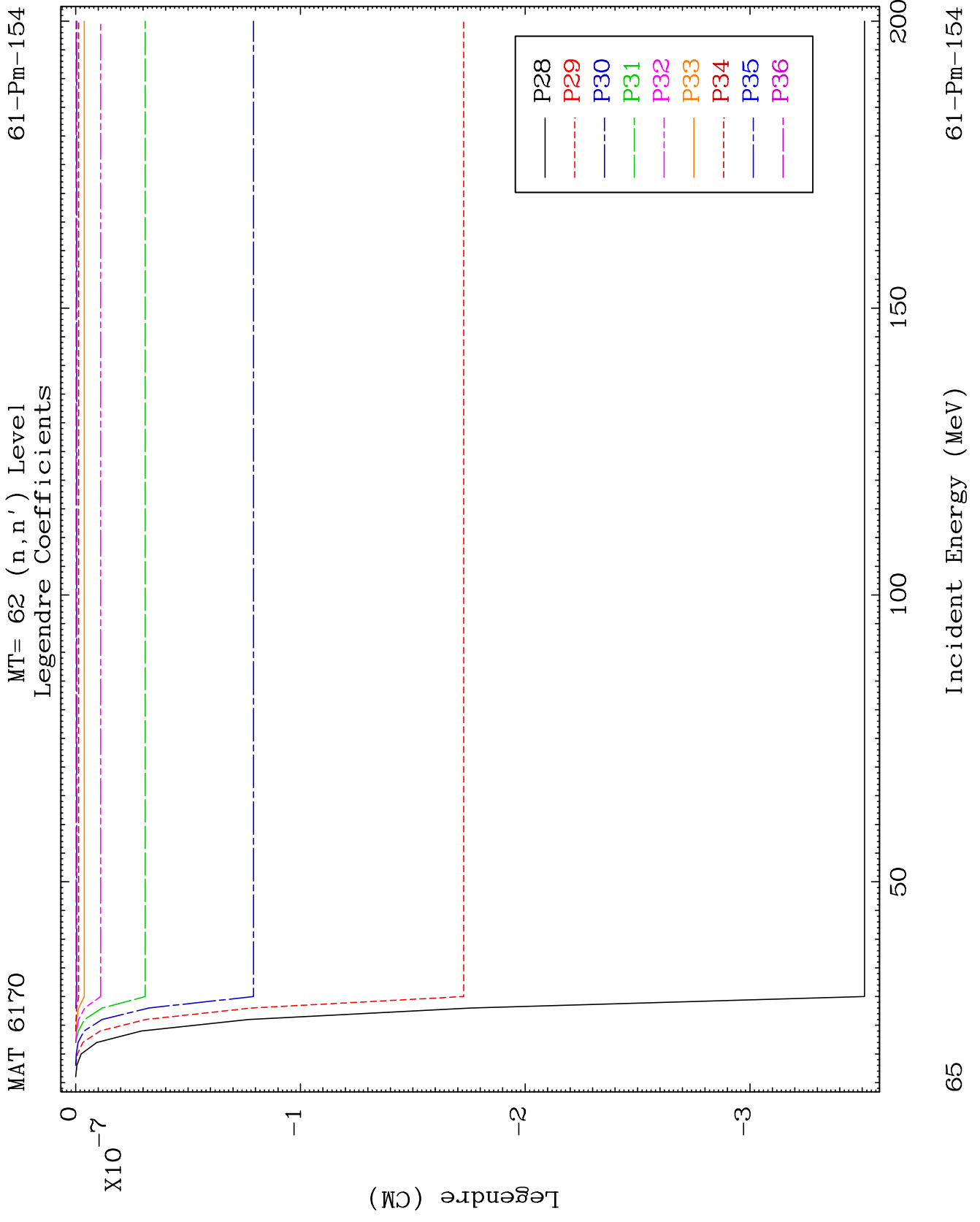
61-Pm-154



64

Incident Energy (MeV)

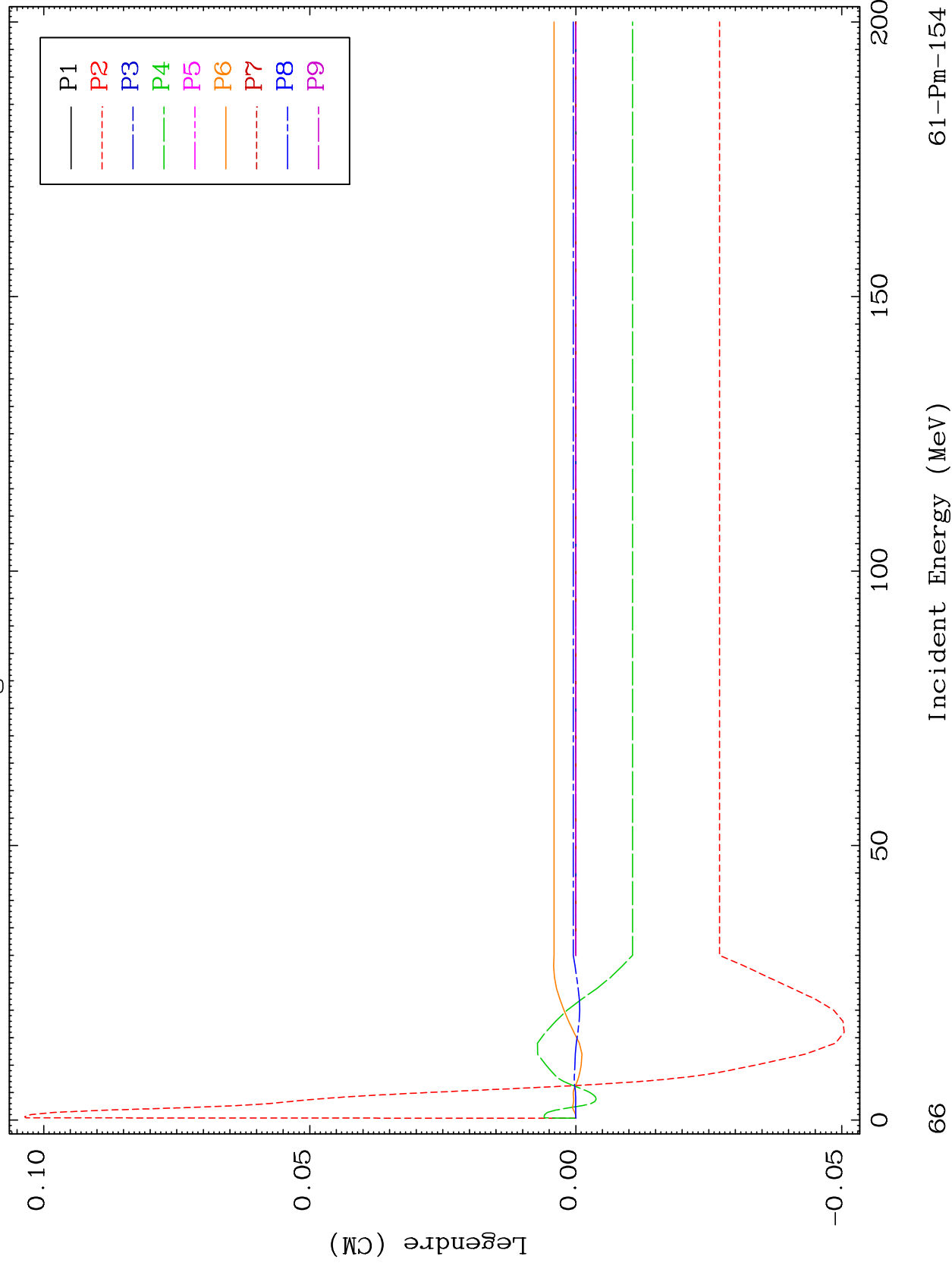
61-Pm-154



MAT 6170

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

61-Pm-154



66

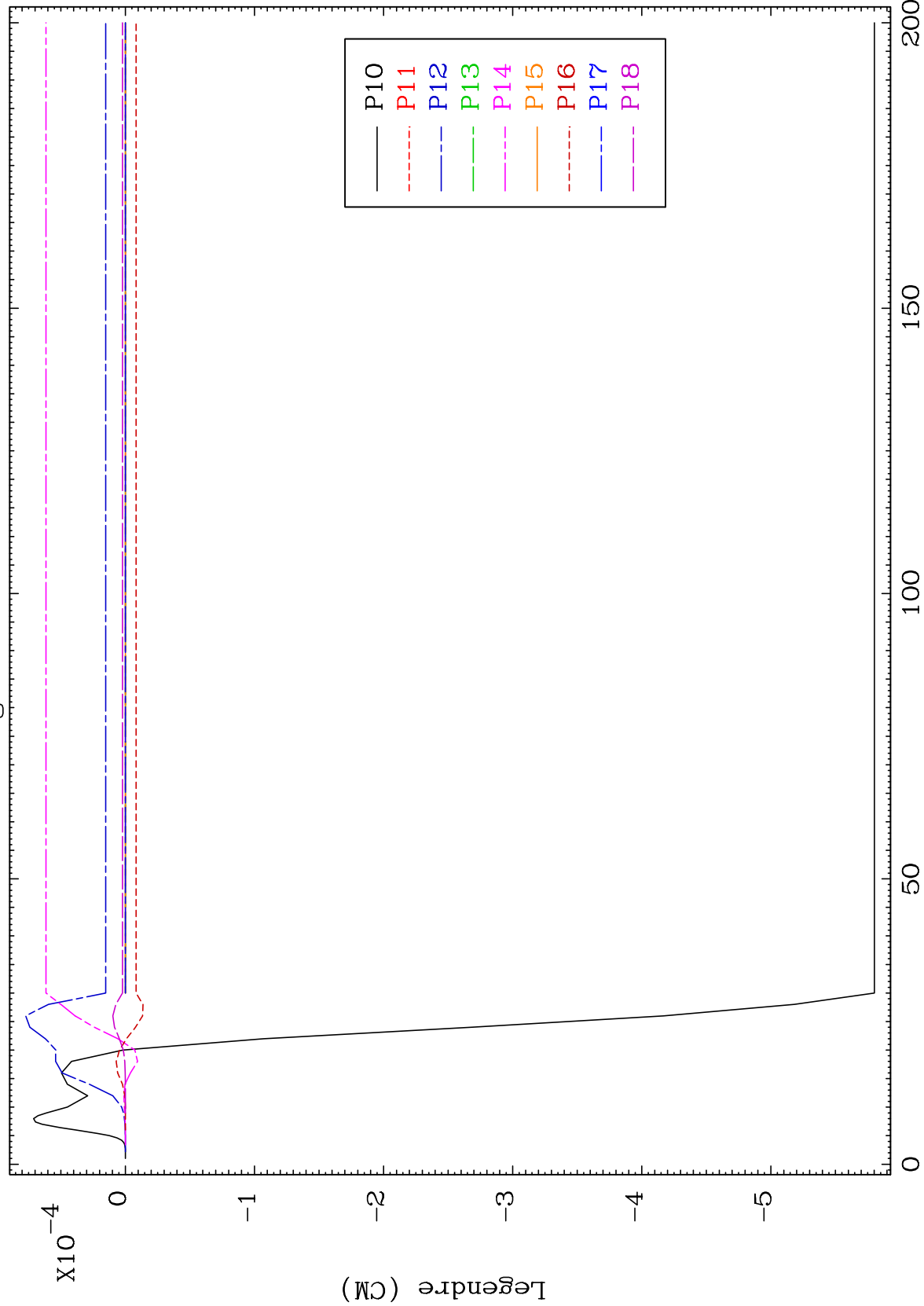
Incident Energy (MeV)

61-Pm-154

MAT 6170

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

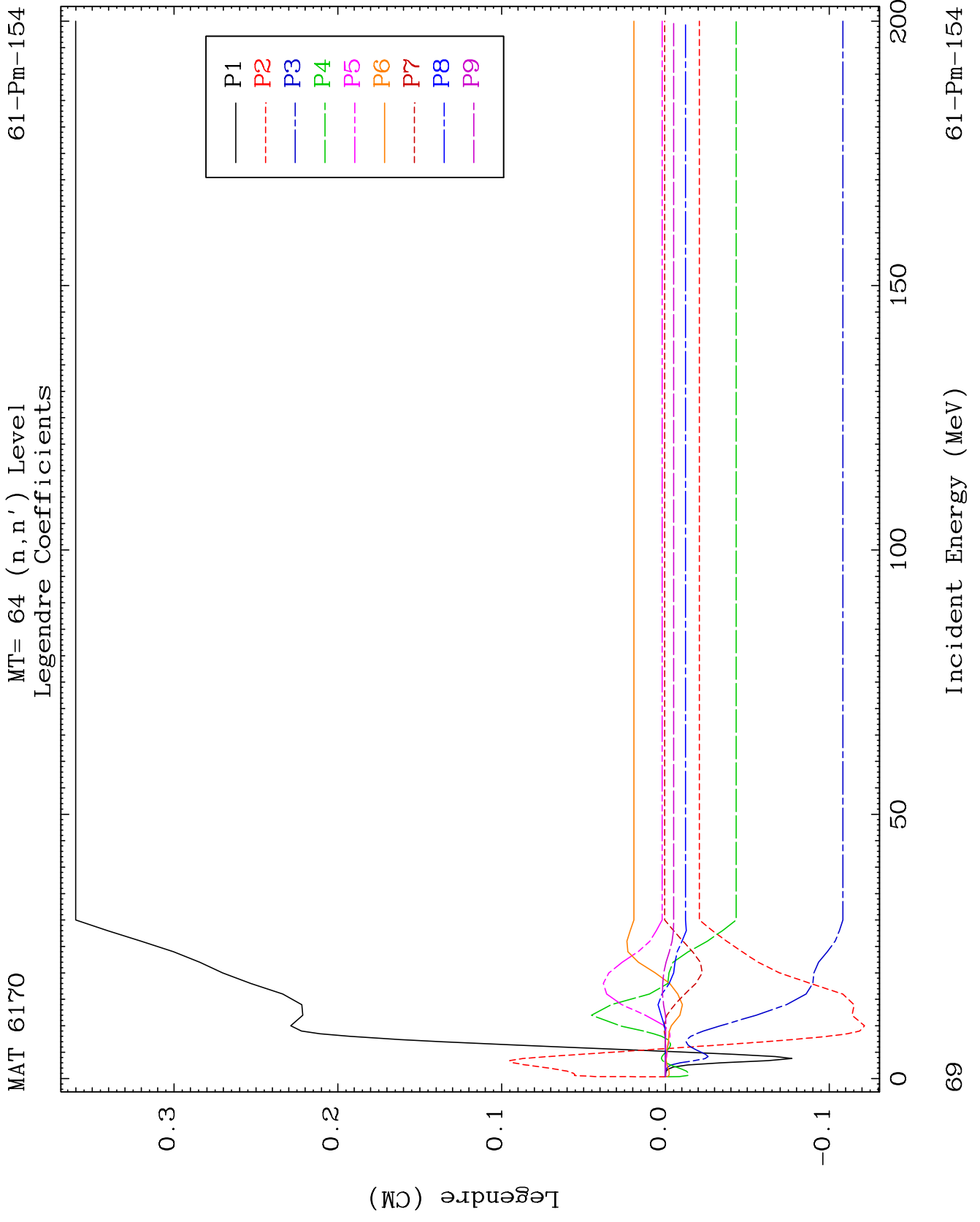
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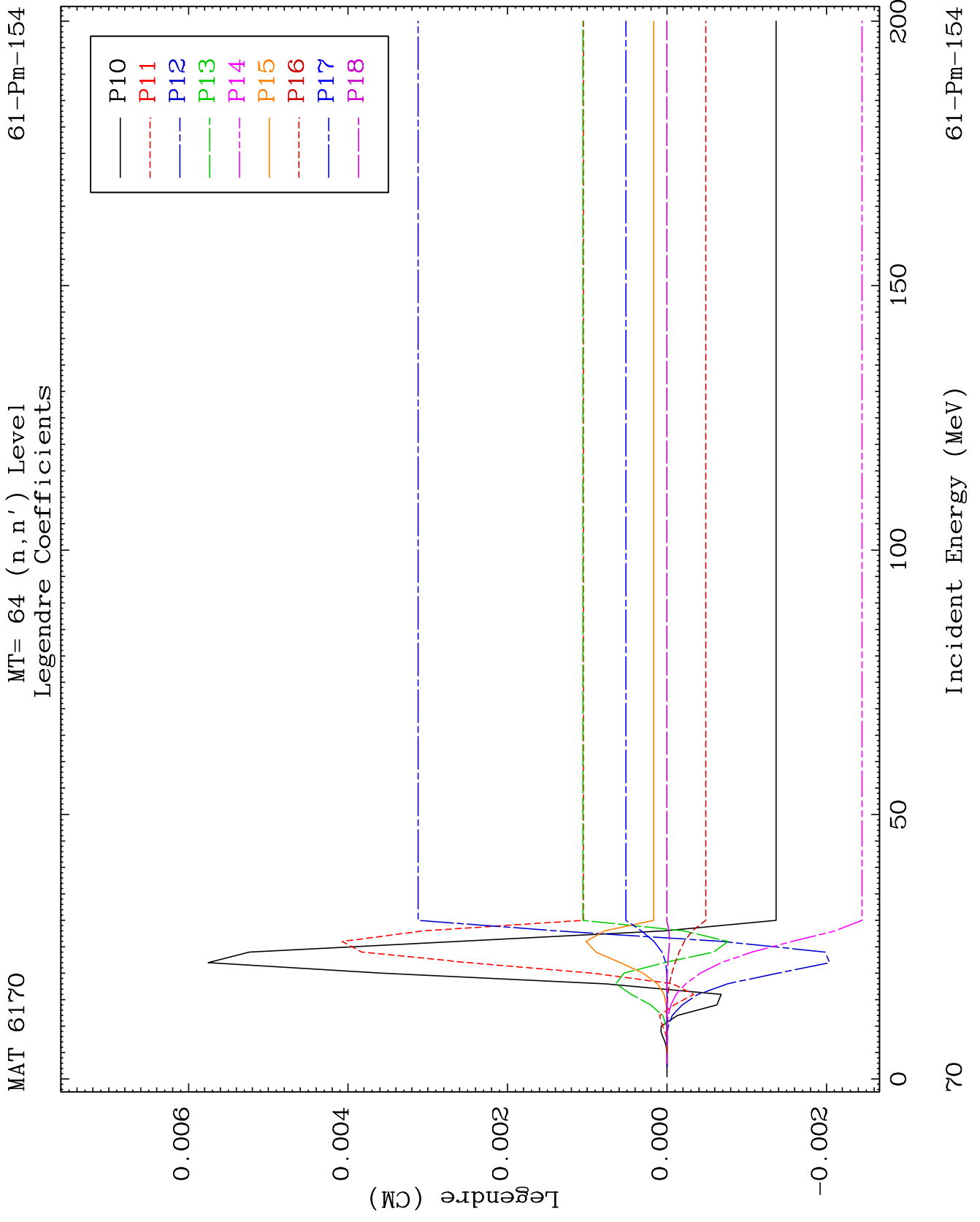


67

Incident Energy (MeV)

61-Pm-154

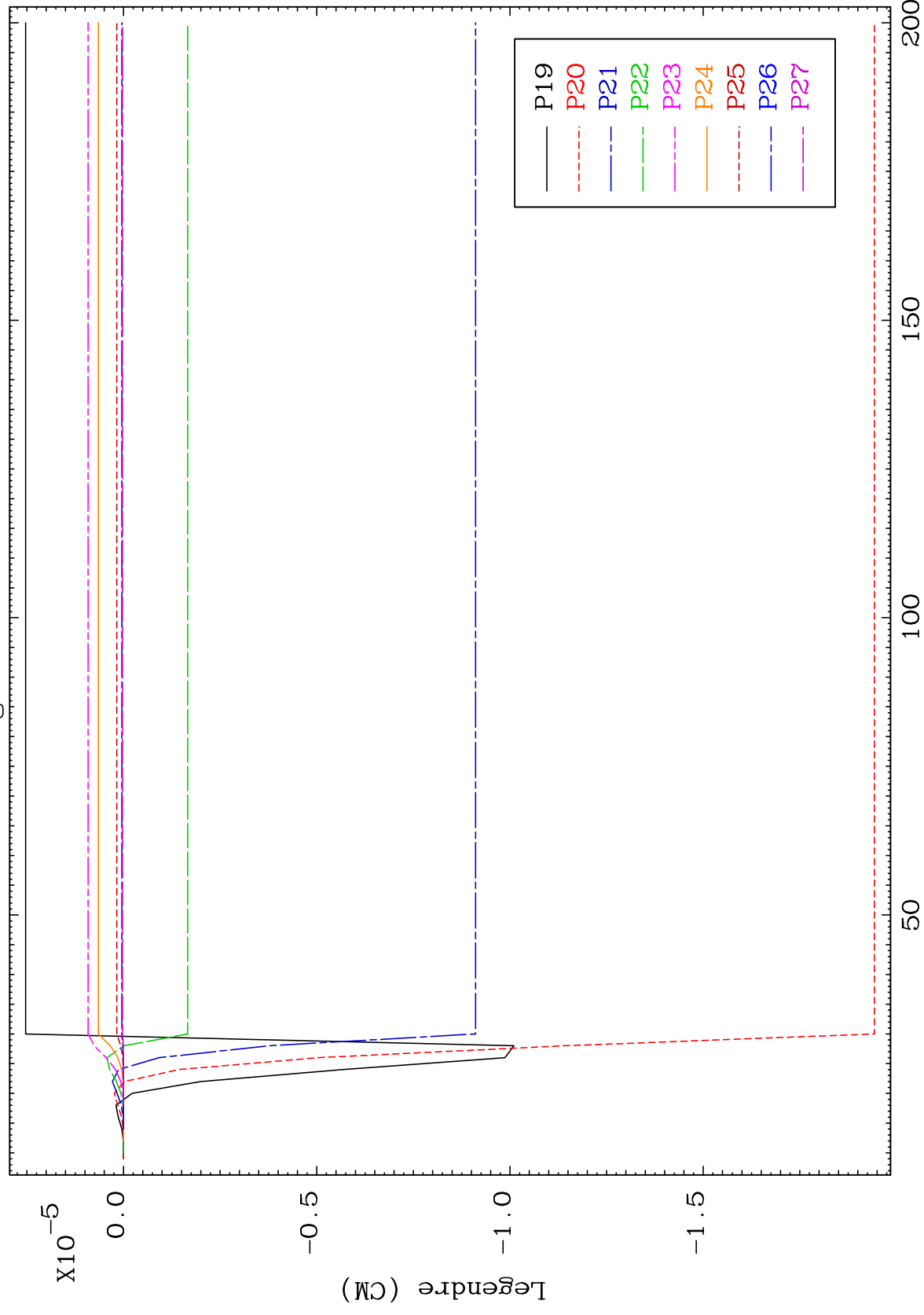




MAT 6170

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

61-Pm-154



71

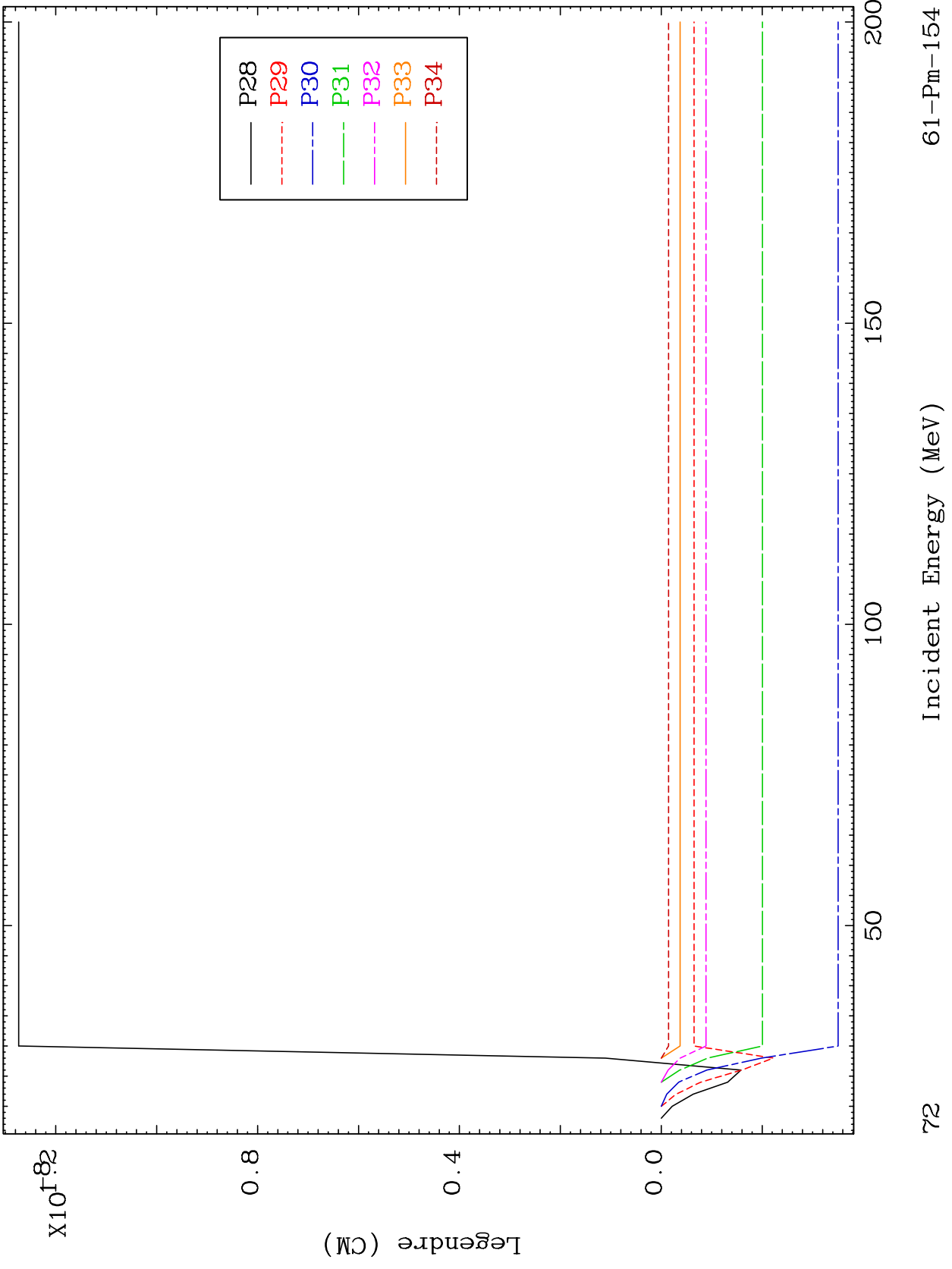
Incident Energy (MeV)

61-Pm-154

MAT 6170

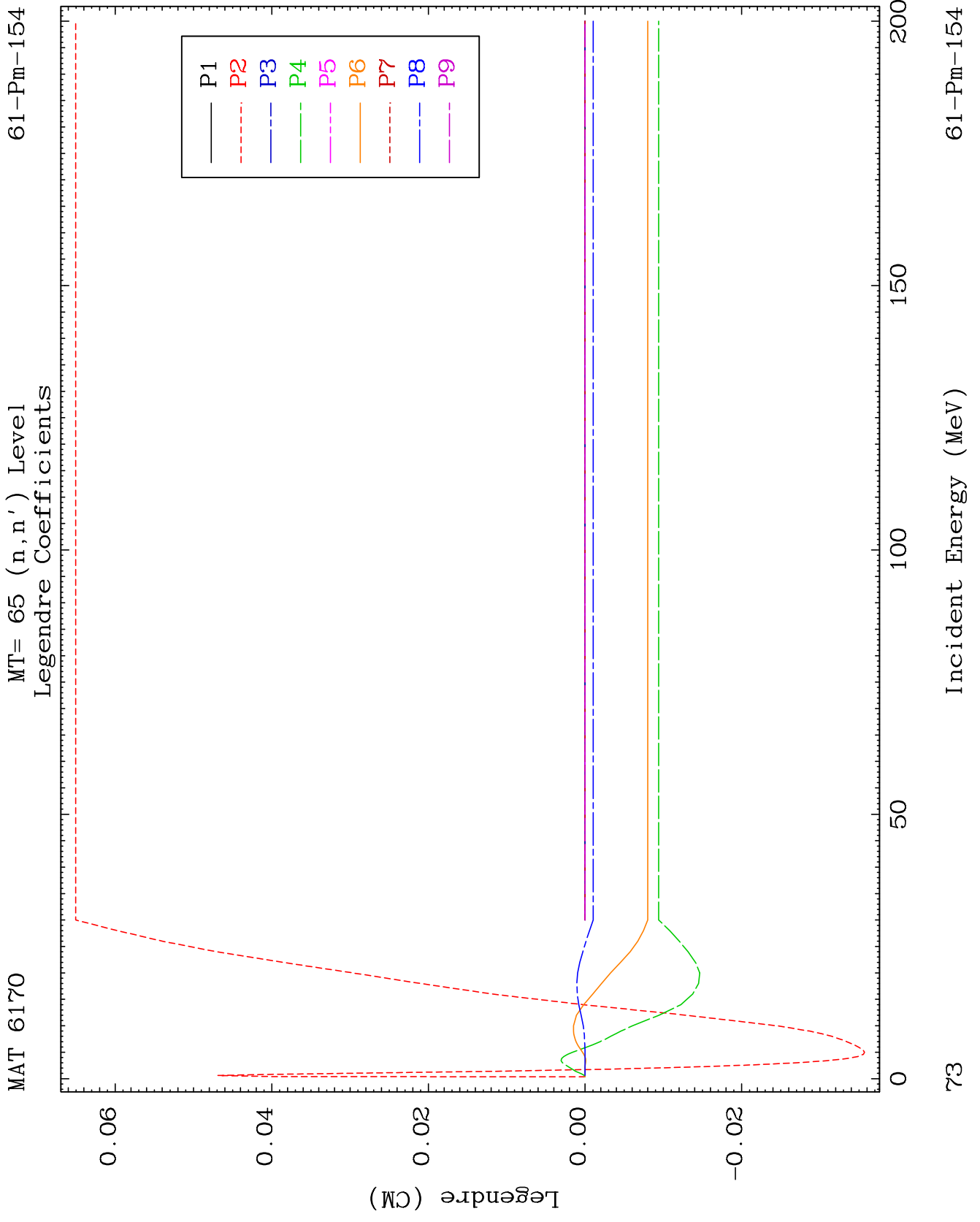
MT= 64 (n,n') Level
Legendre Coefficients

61-Pm-154



72

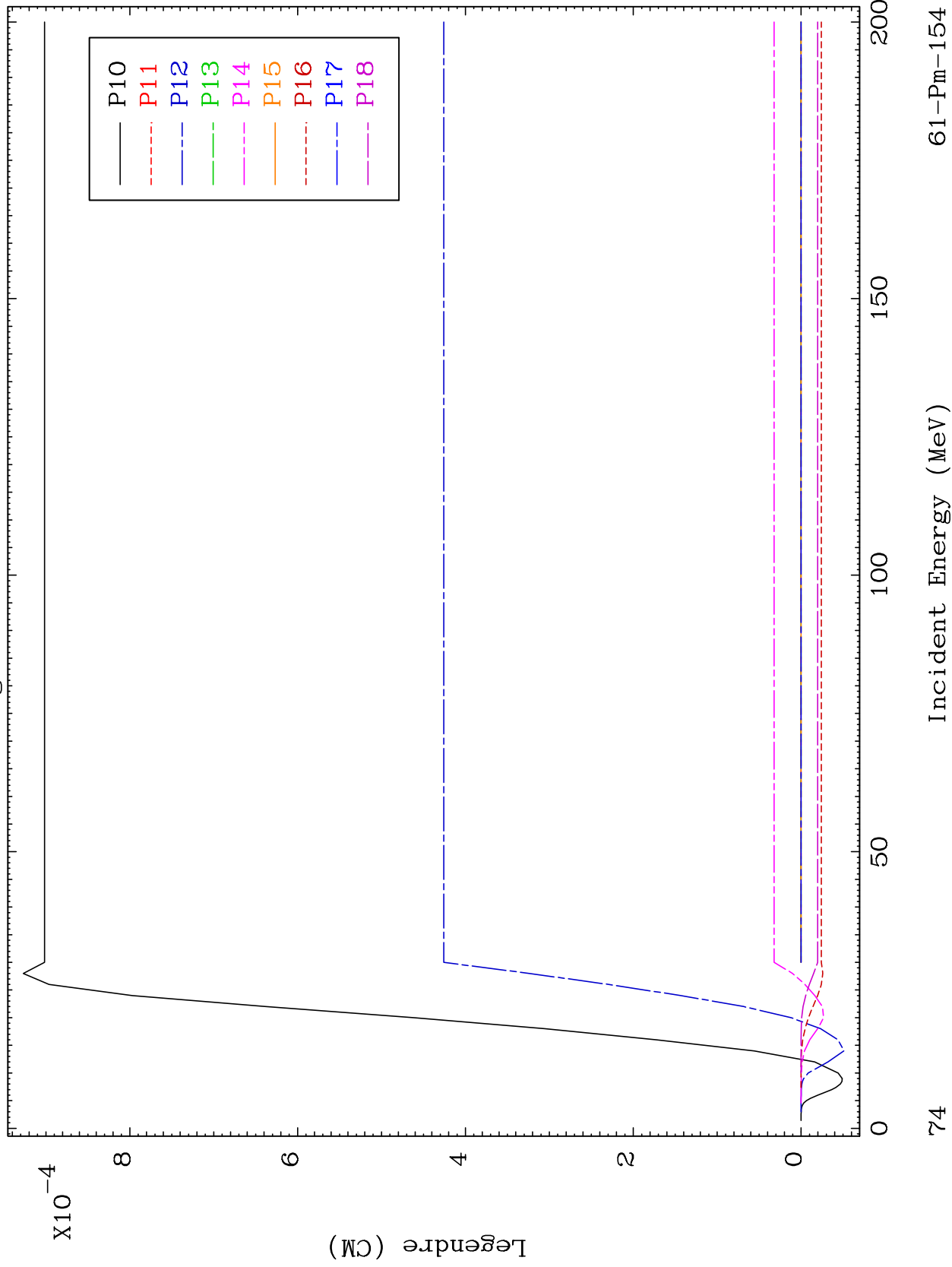
61-Pm-154



MAT 6170

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

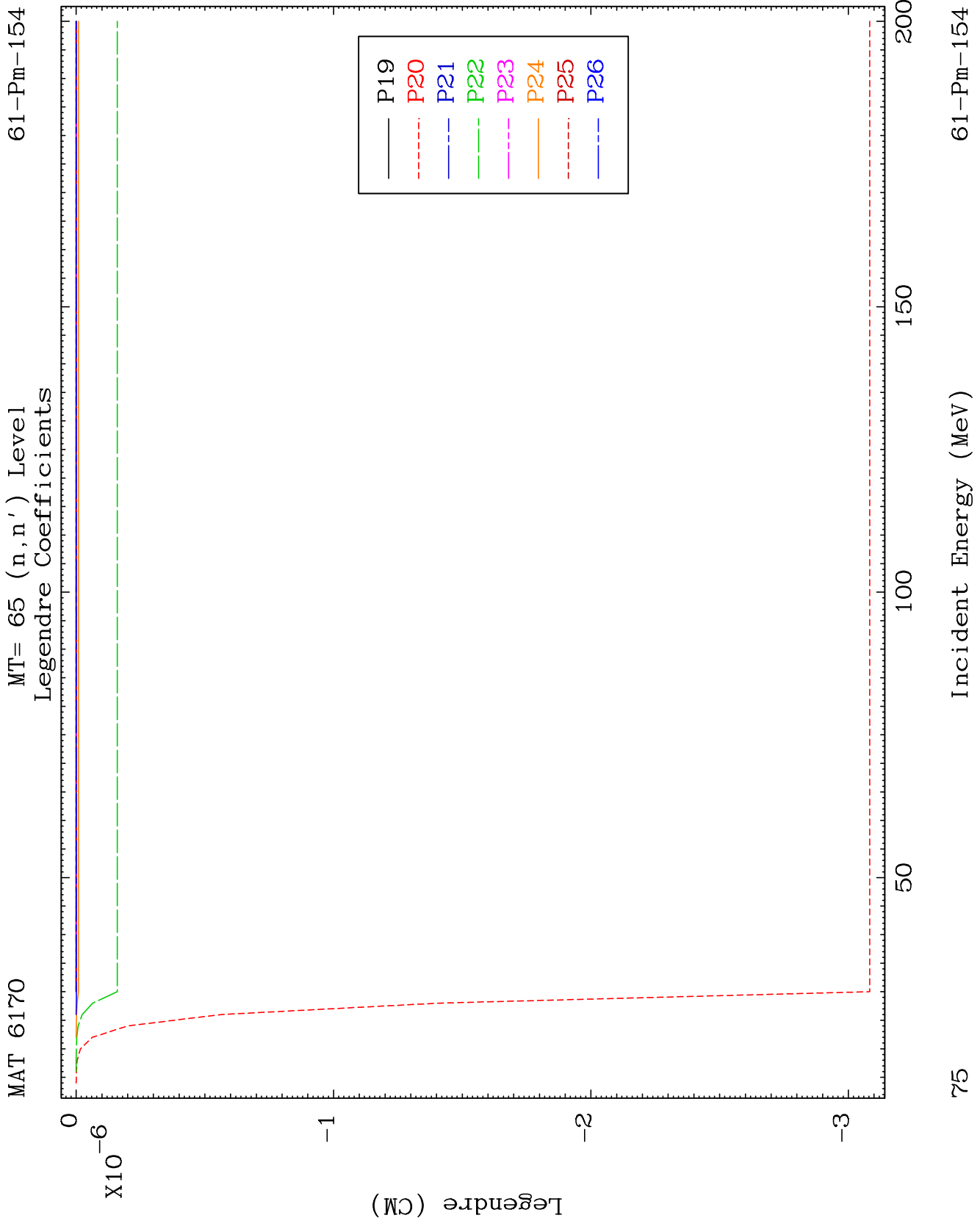
61-Pm-154



74

Incident Energy (MeV)

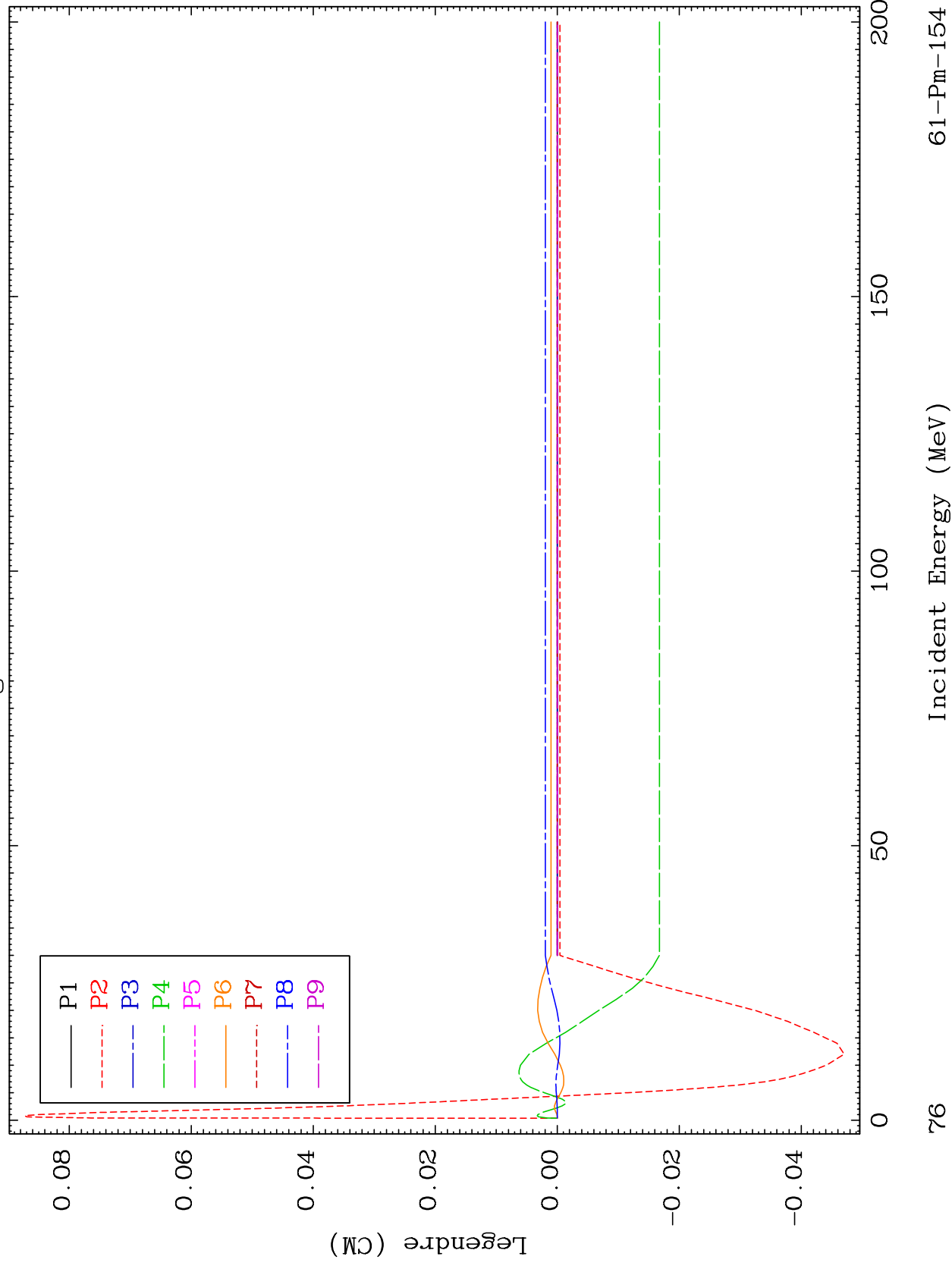
61-Pm-154



MAT 6170

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

61-Pm-154



76

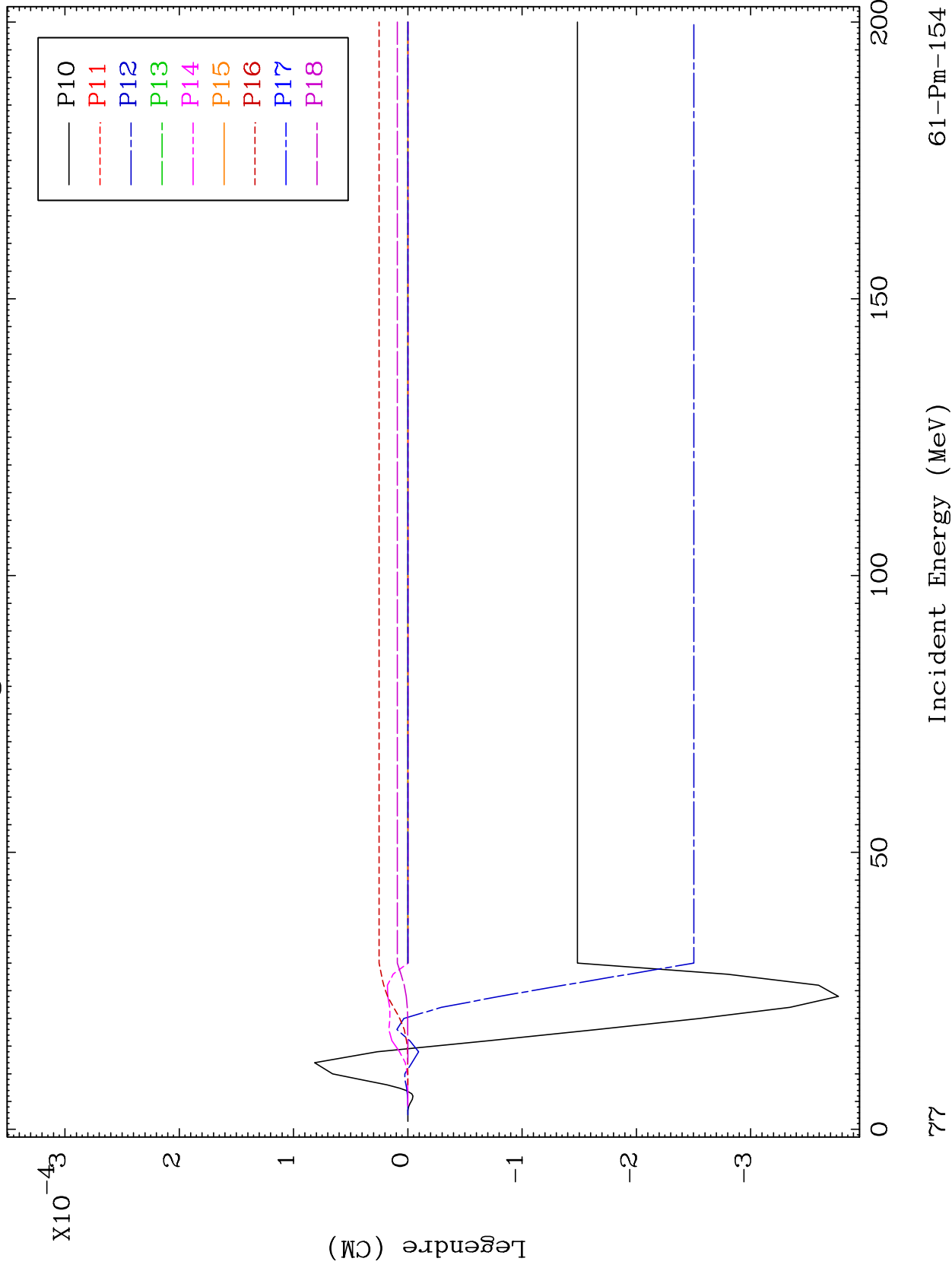
Incident Energy (MeV)

61-Pm-154

MAT 6170

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

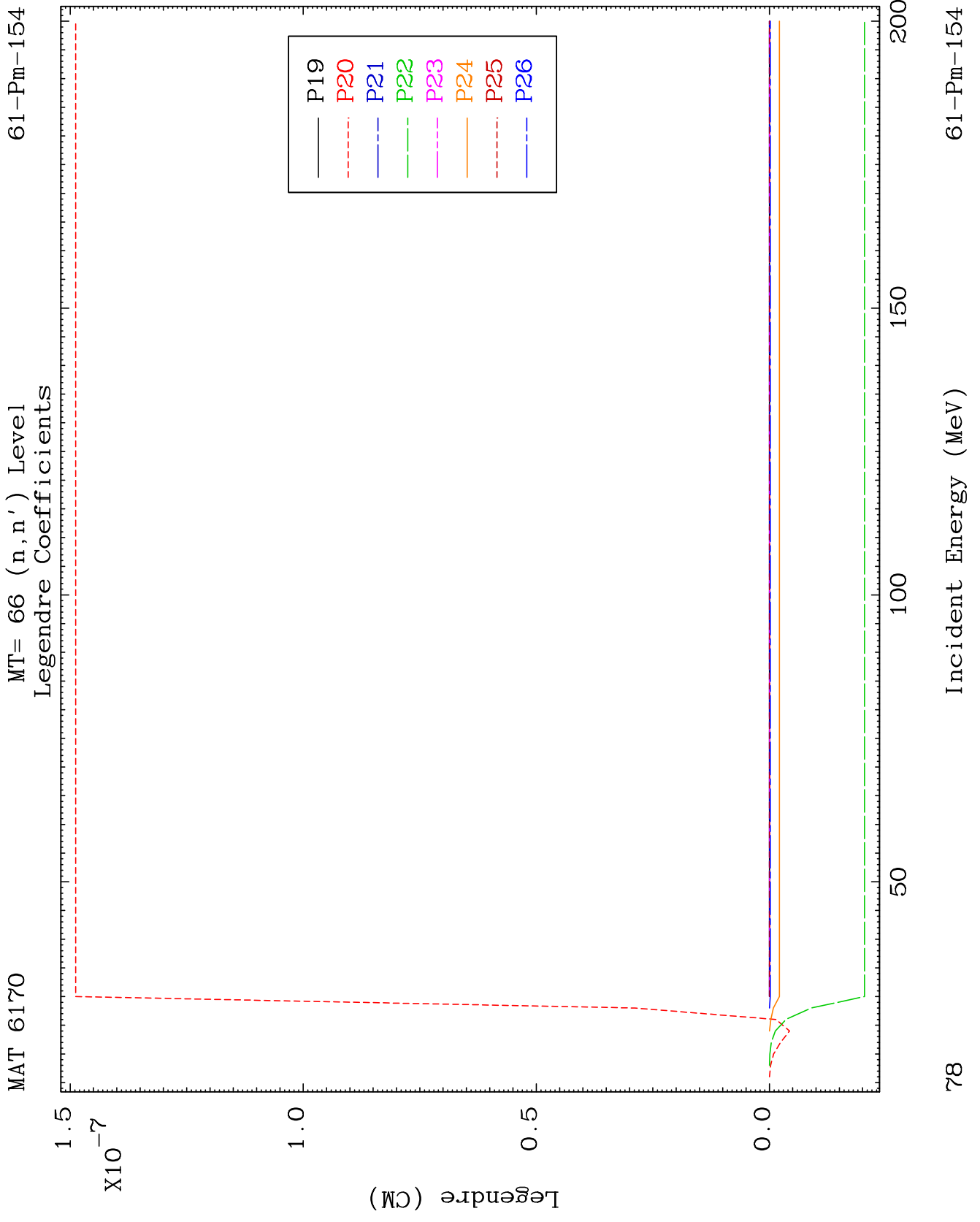
61-Pm-154



77

Incident Energy (MeV)

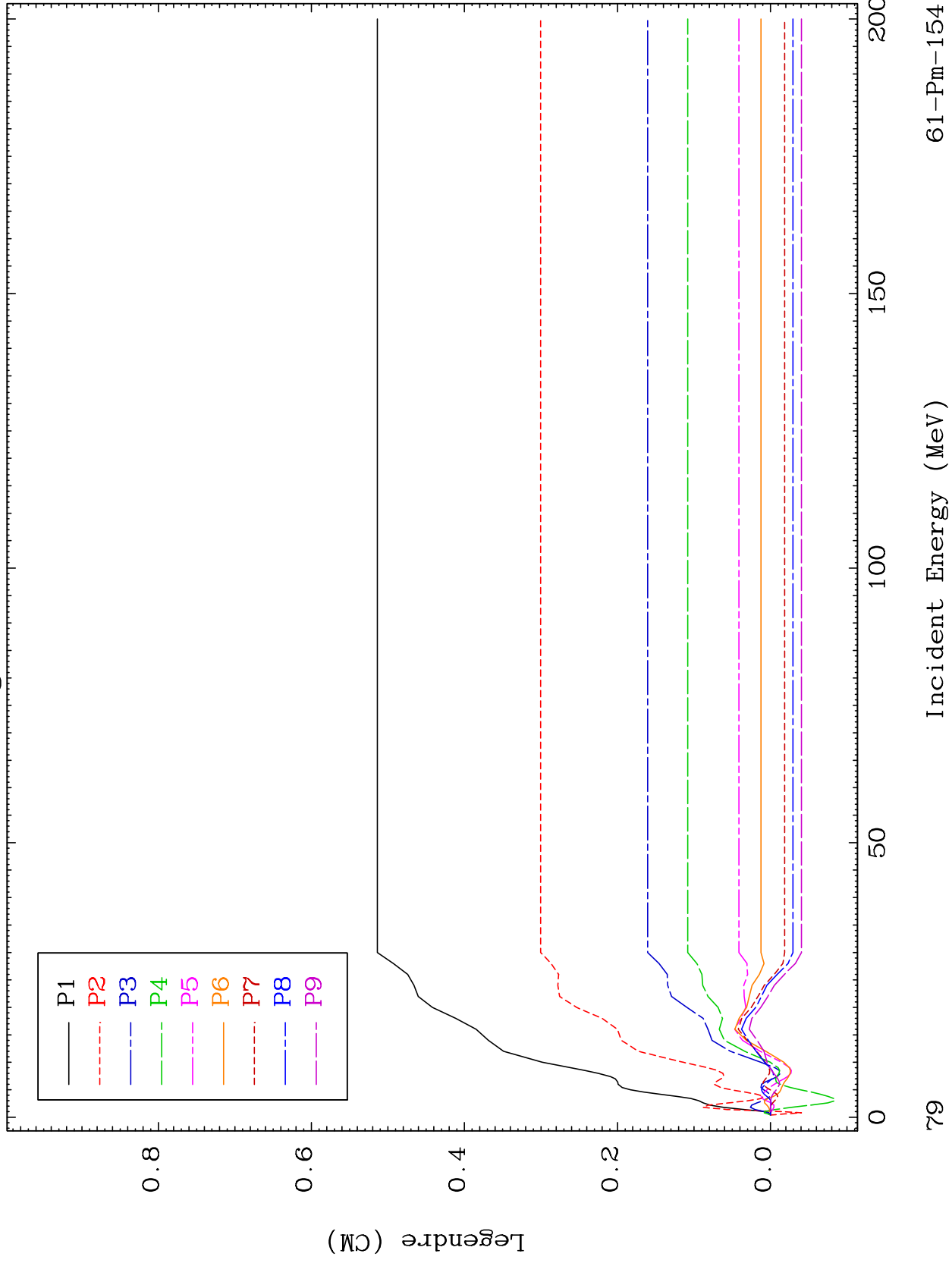
61-Pm-154



MAT 6170

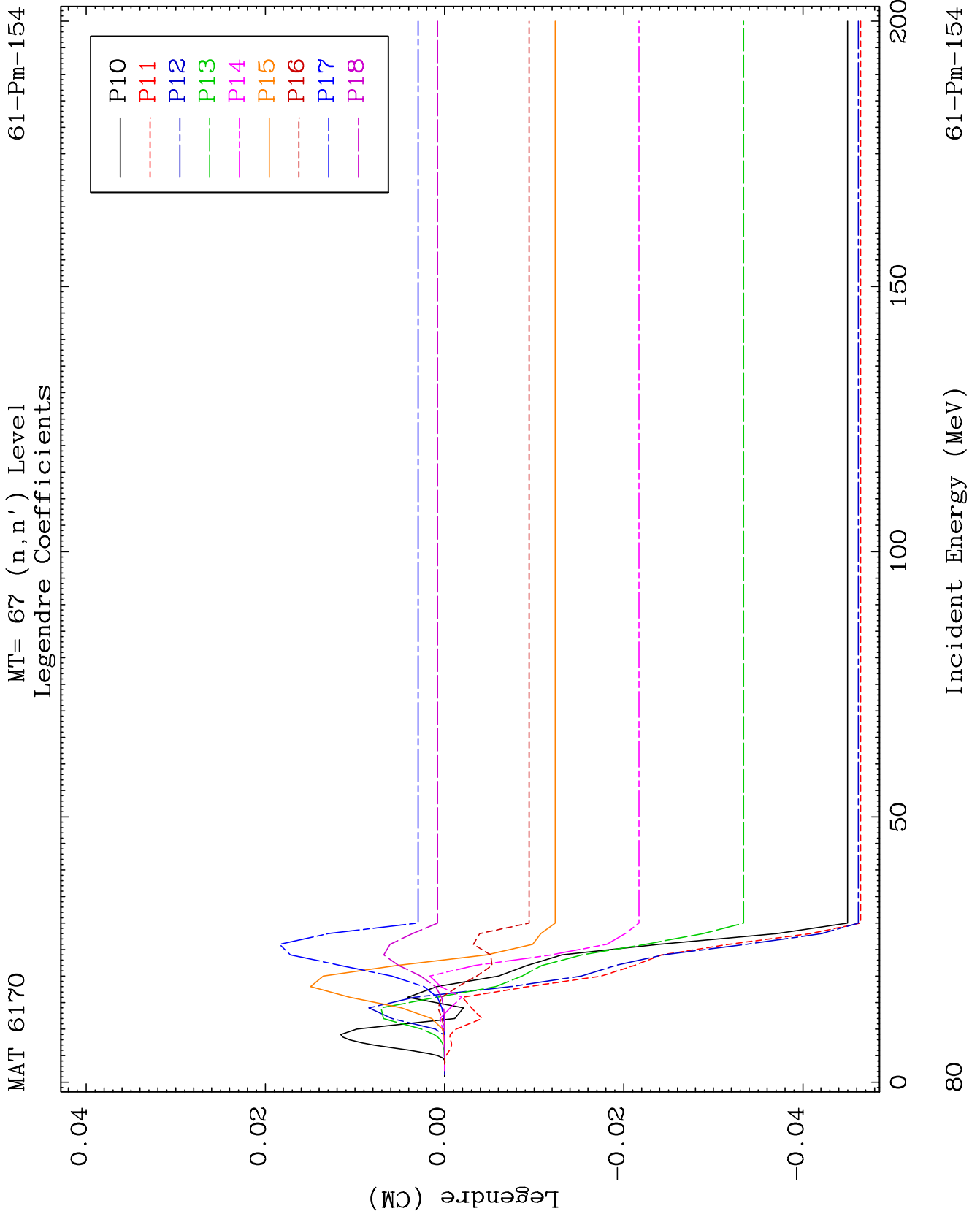
MT= 67 (n,n') Level
Legendre Coefficients

61-Pm-154



79

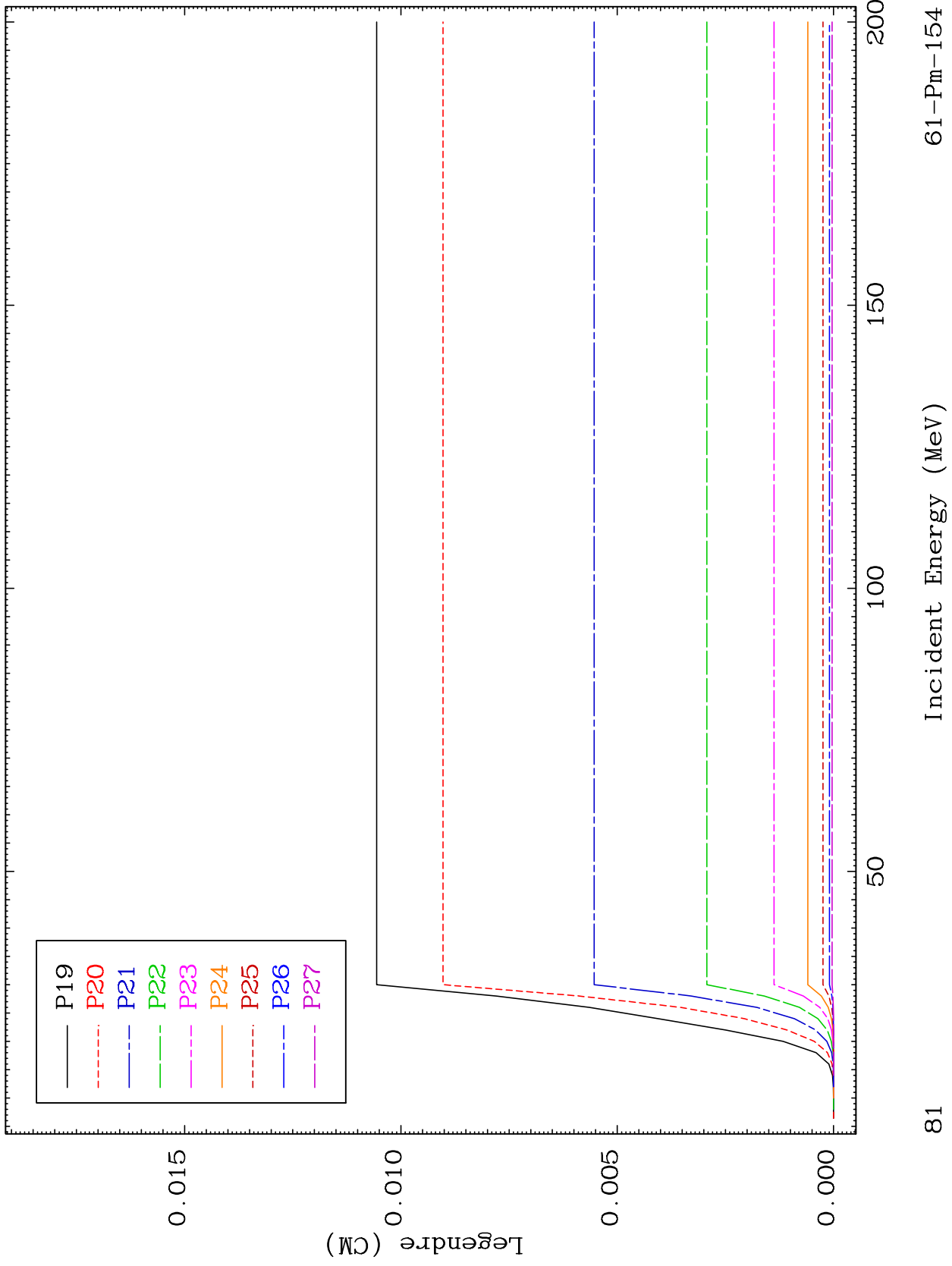
61-Pm-154



MAT 6170

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

61-Pm-154



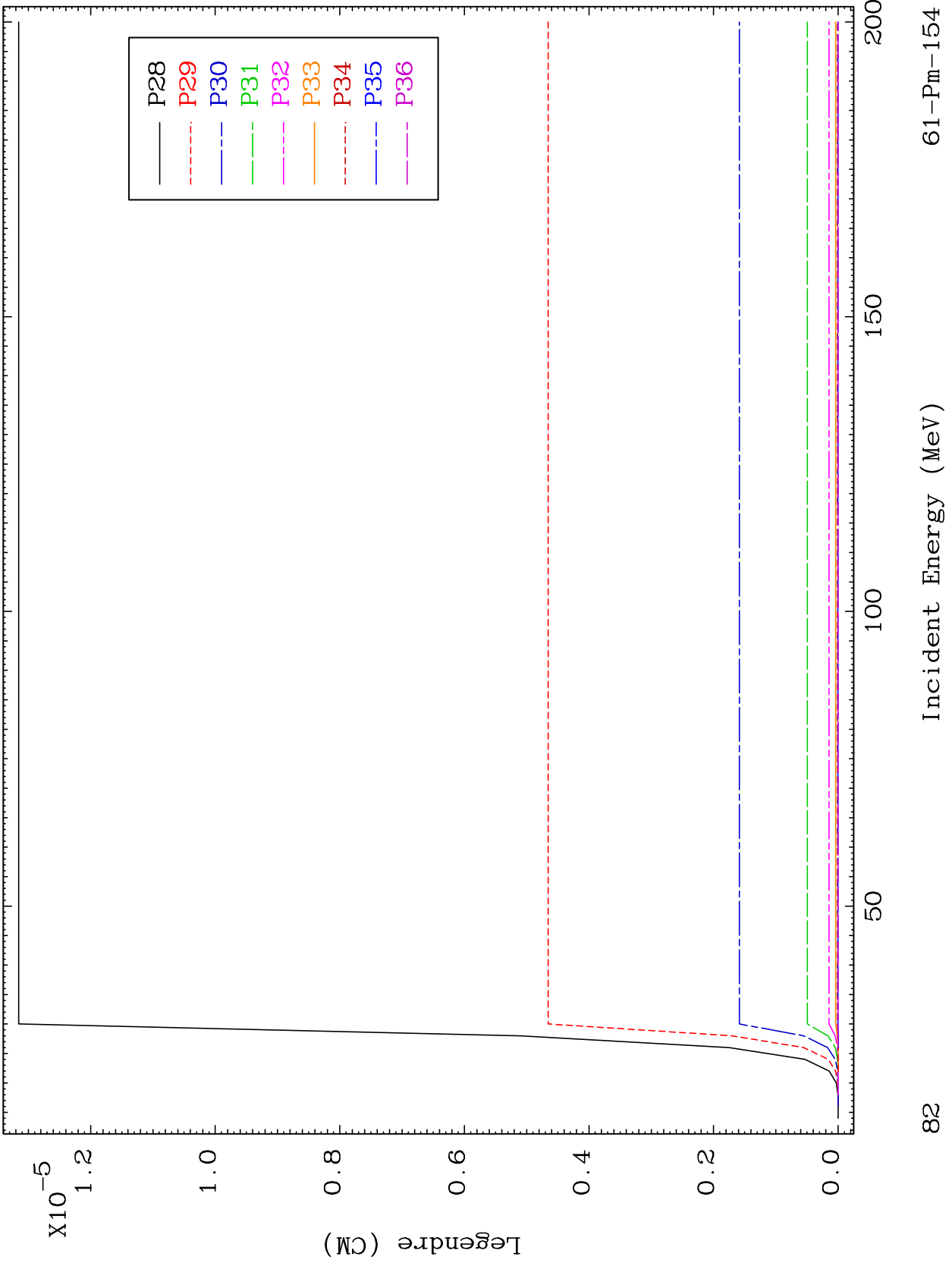
81

61-Pm-154

MAT 6170

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

61-Pm-154



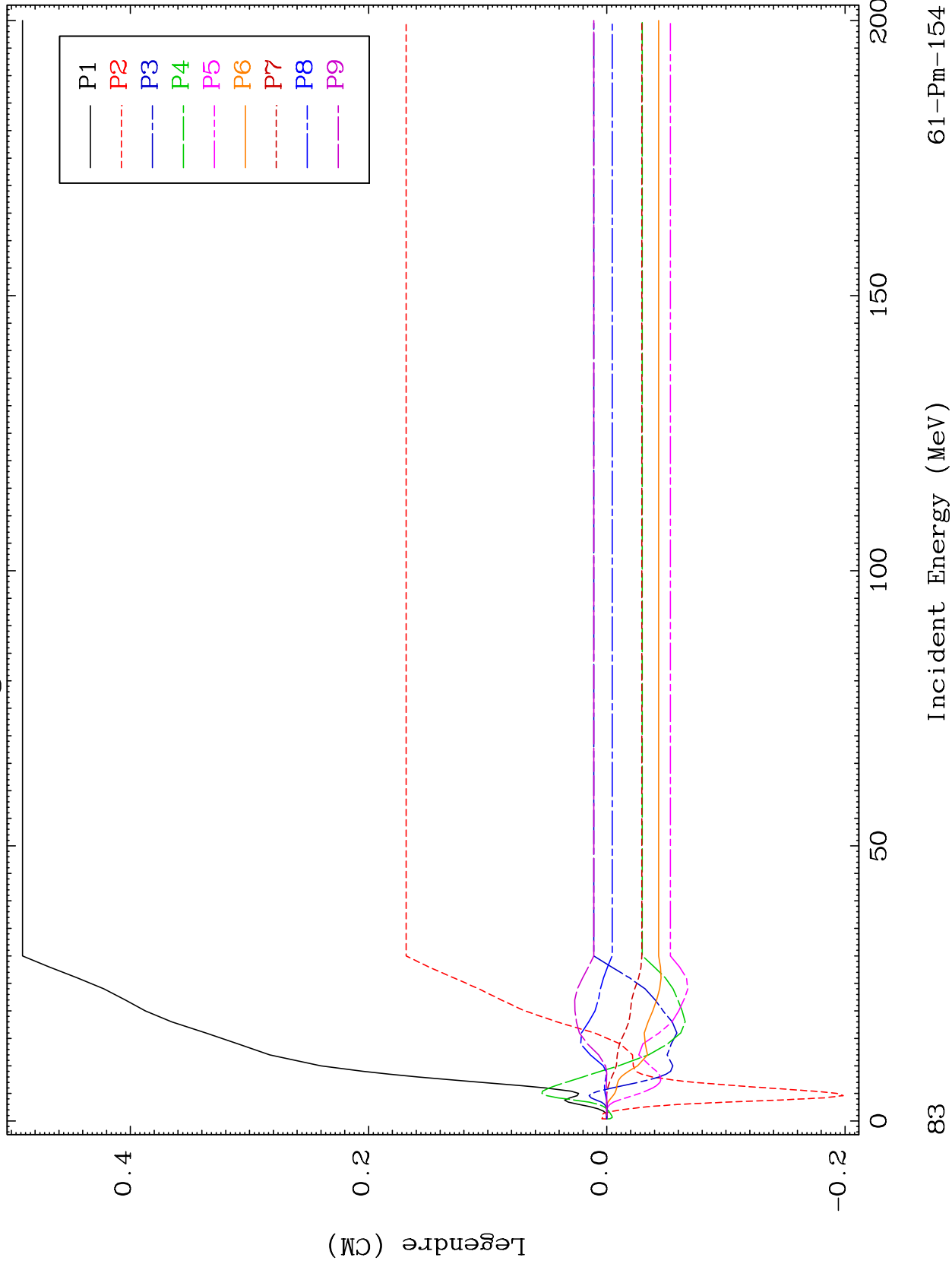
82

MAT 6170

MT= 68 (n,n') Level

61-Pm-154

Legendre Coefficients



83

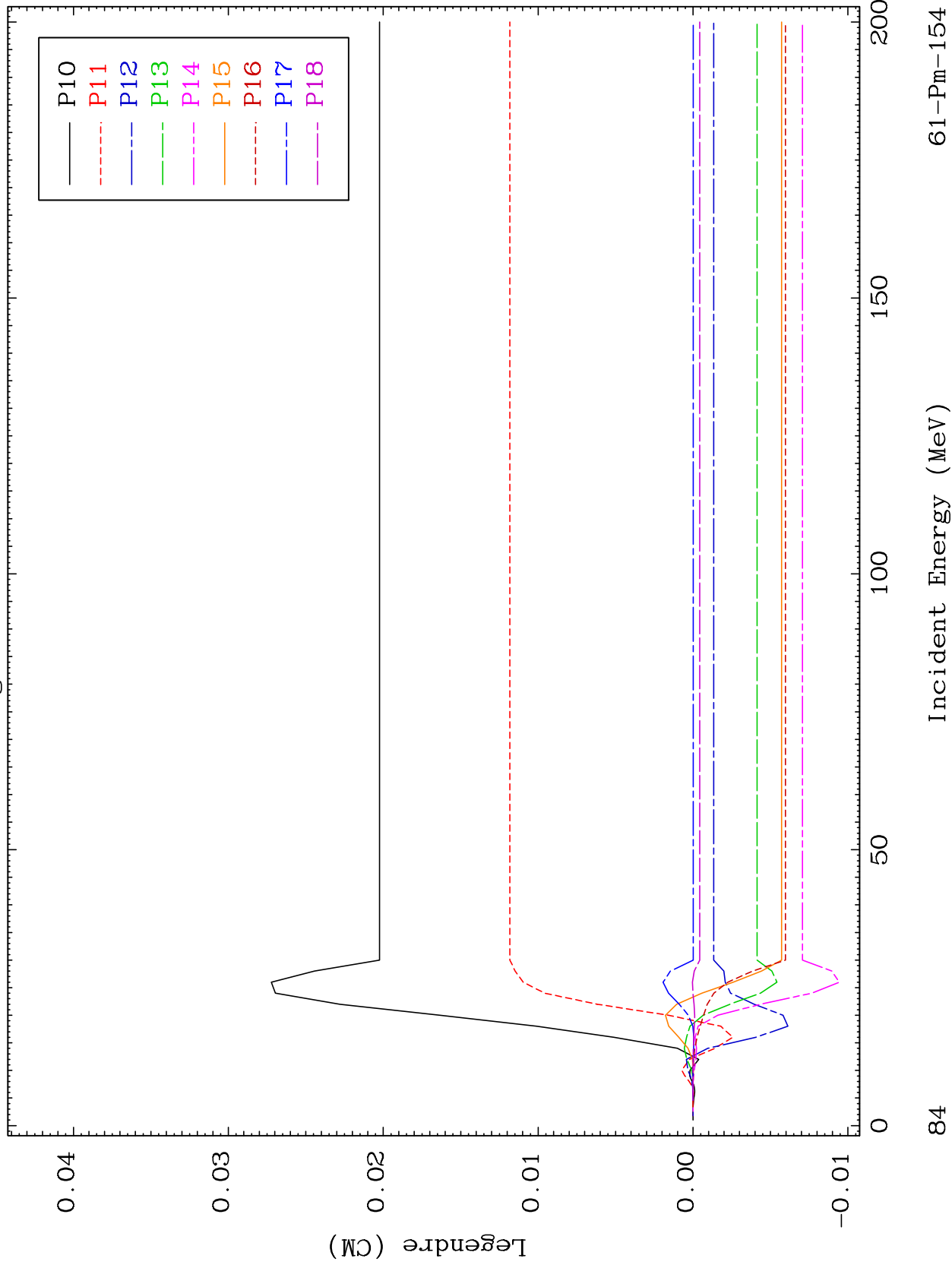
Incident Energy (MeV)

61-Pm-154

MAT 6170

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

61-Pm-154



84

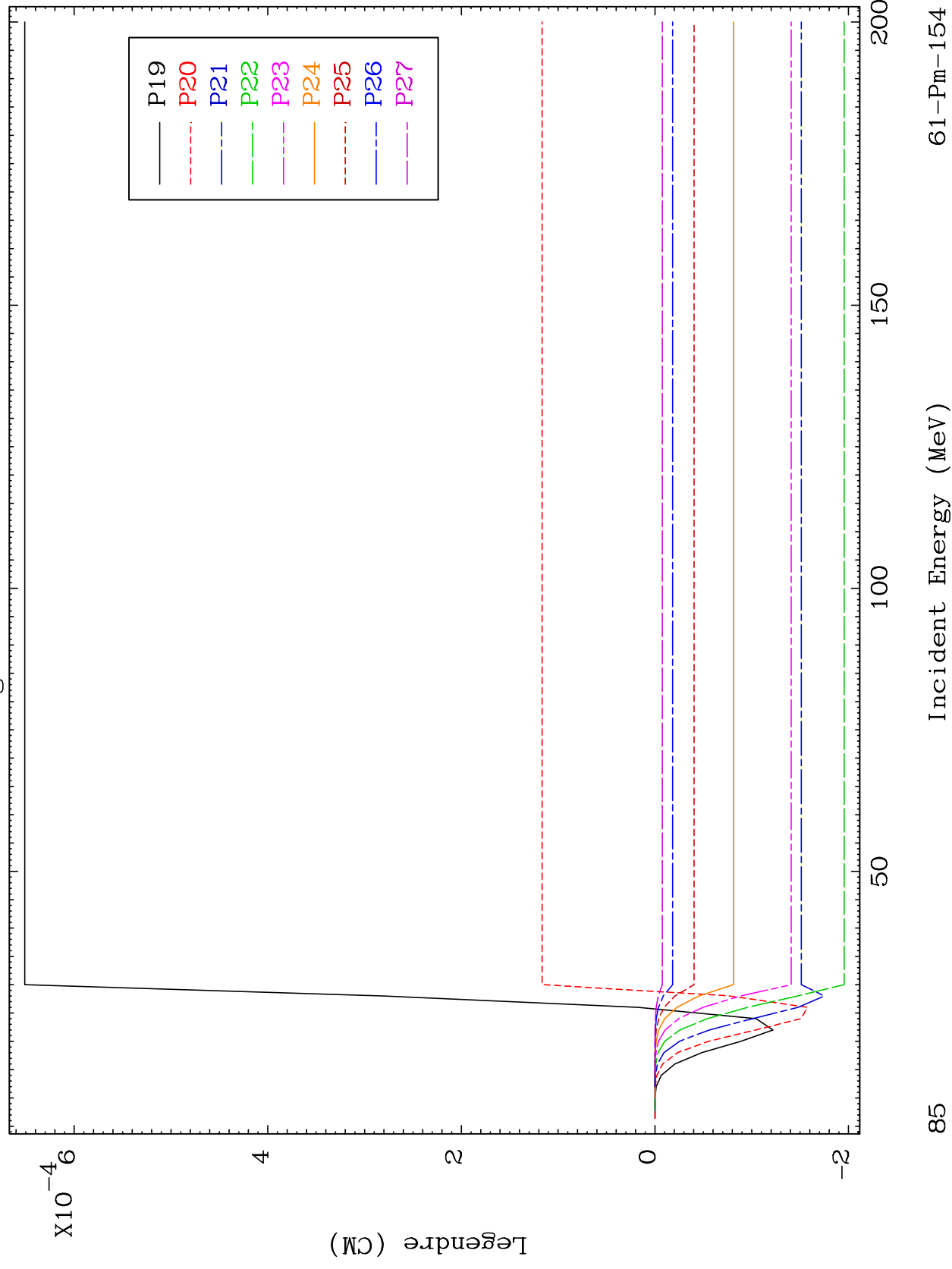
Incident Energy (MeV)

61-Pm-154

MAT 6170

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

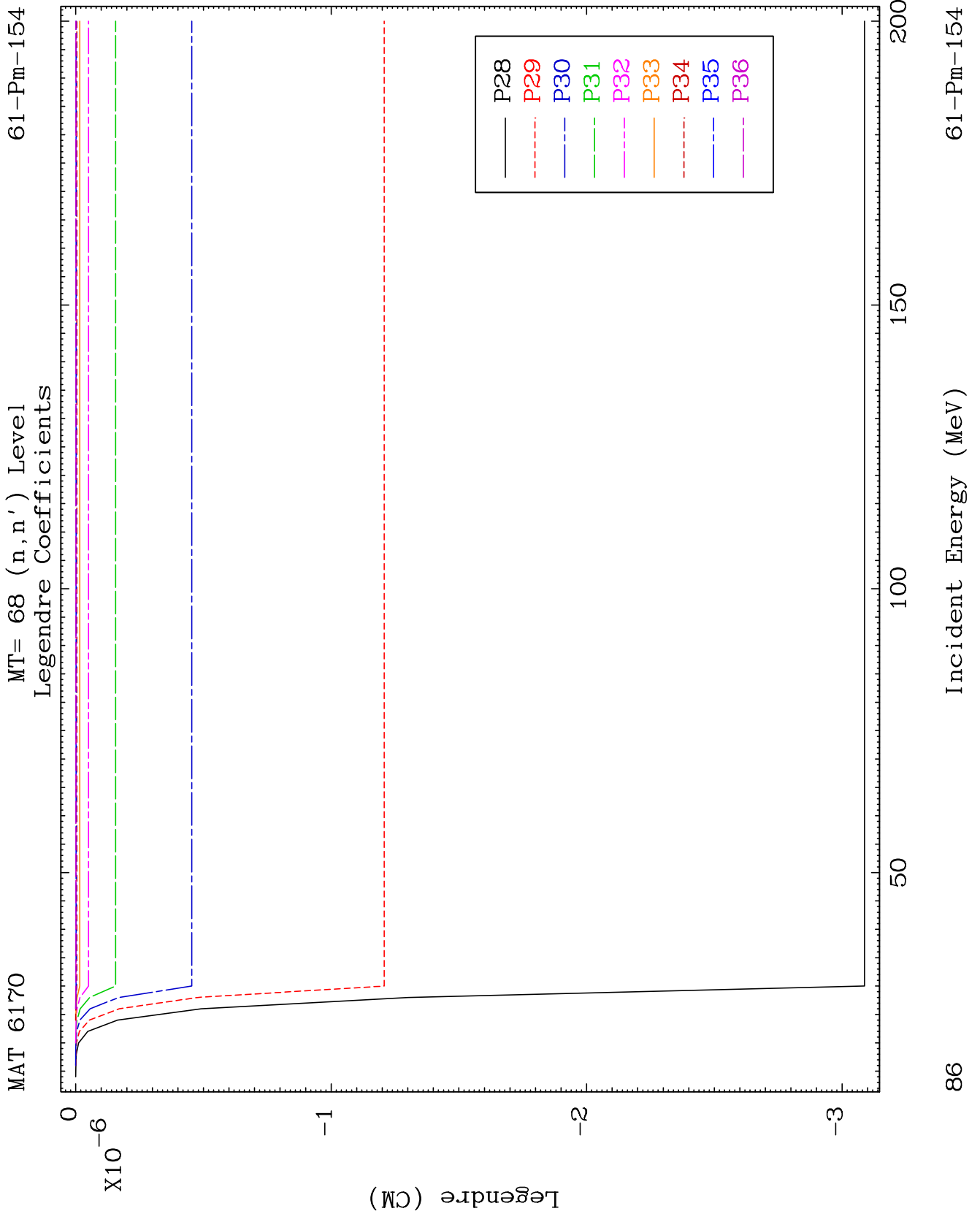
61-Pm-154

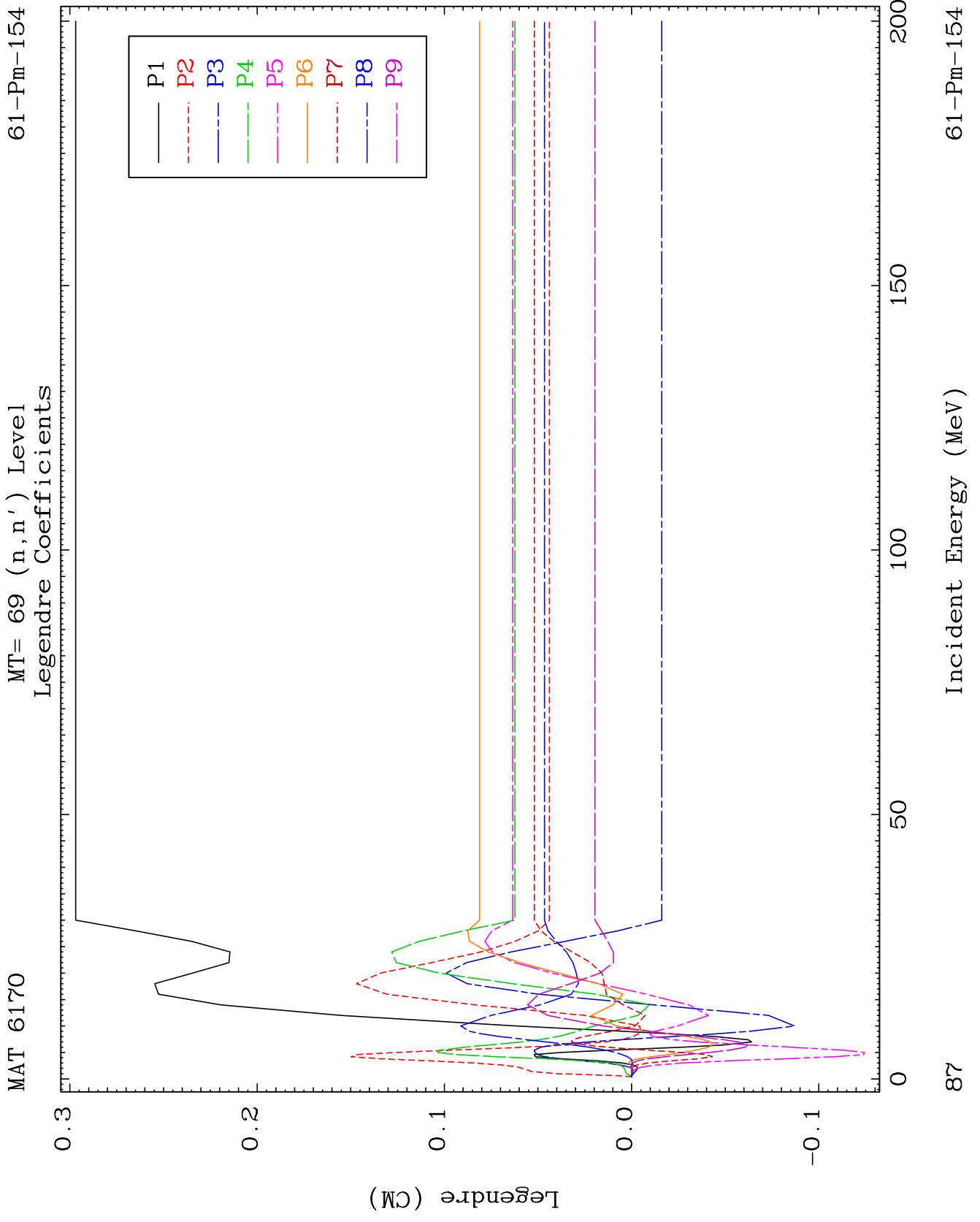


85

Incident Energy (MeV)

61-Pm-154

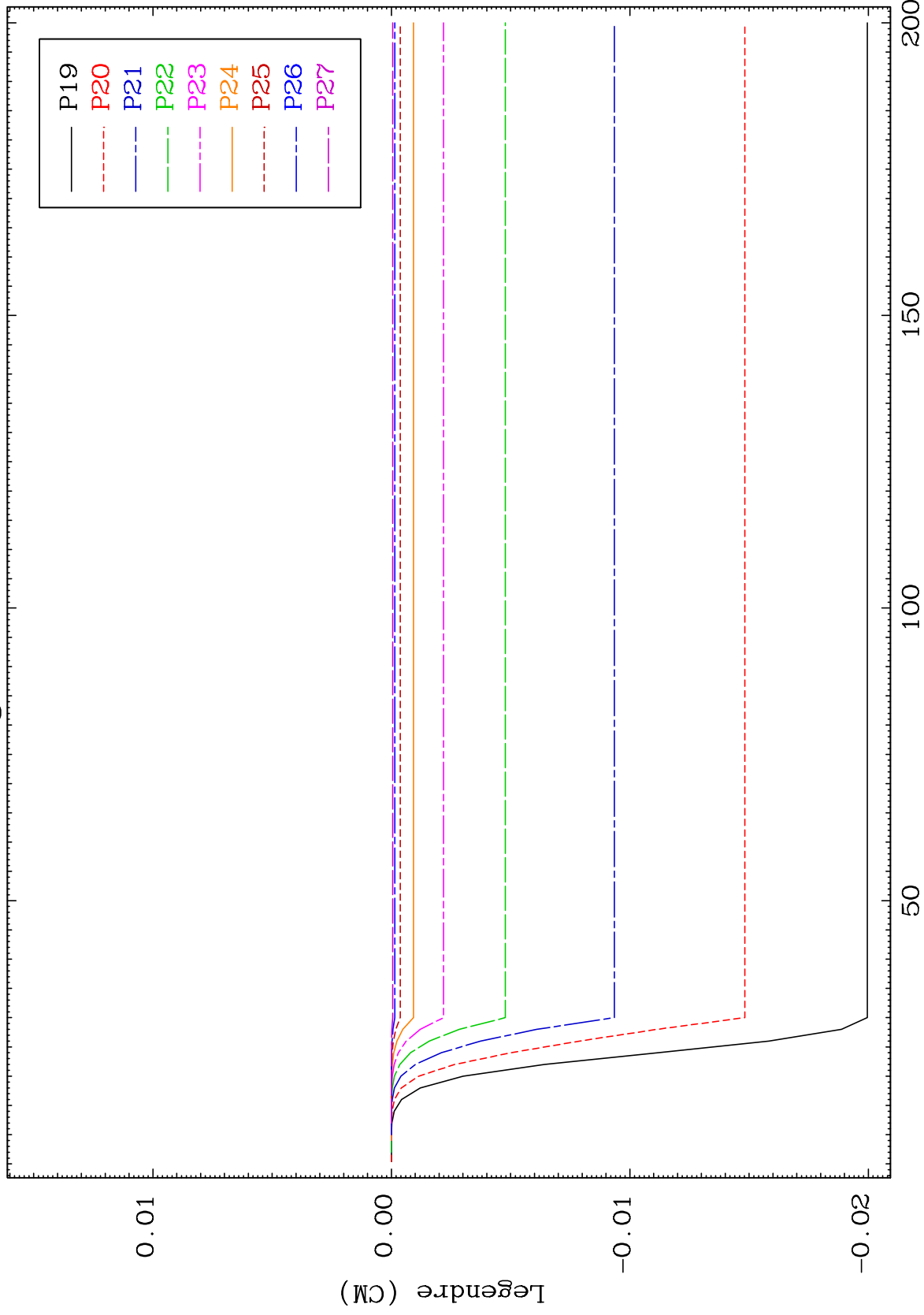




MAT 6170

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

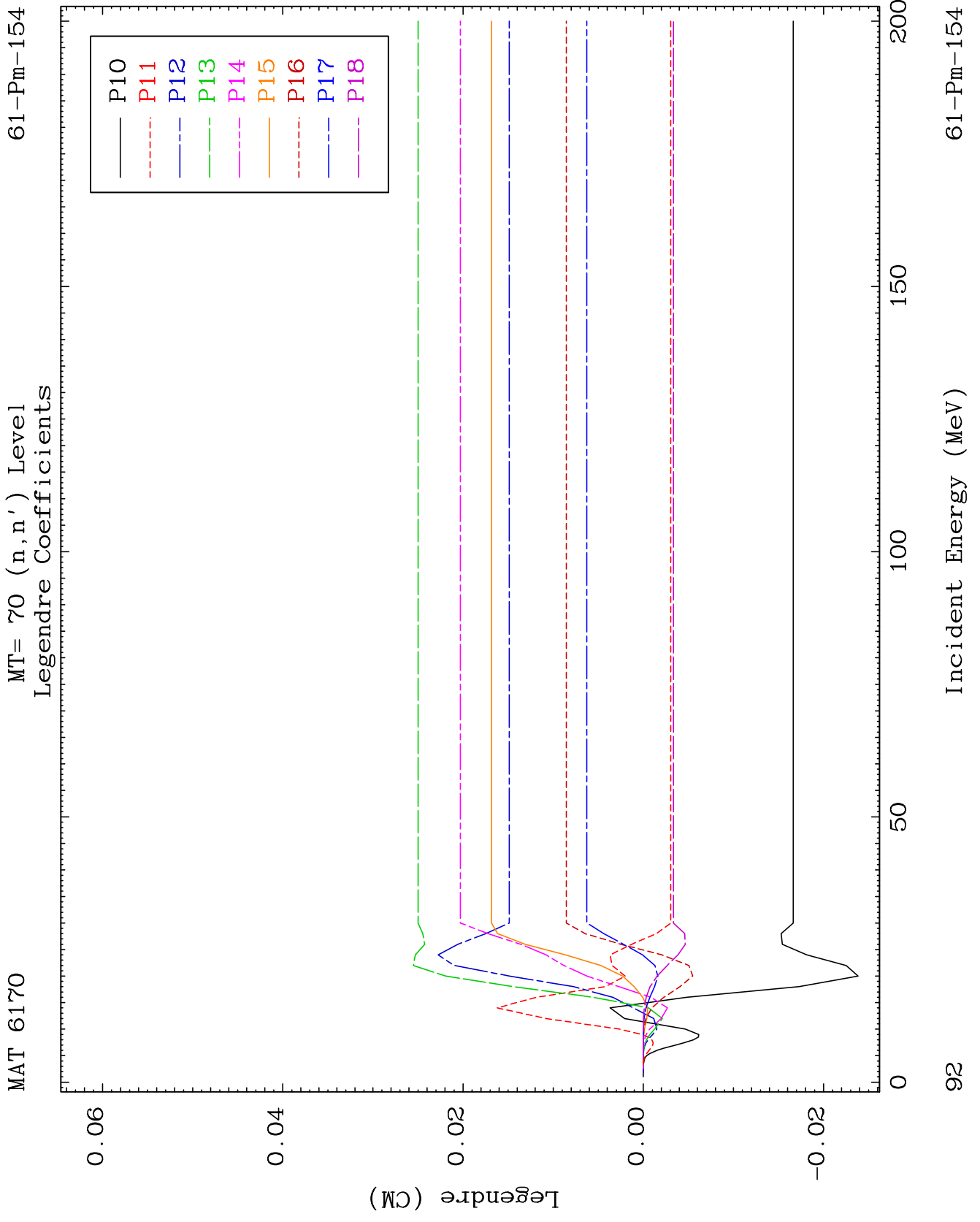
61-Pm-154



89

Incident Energy (MeV)

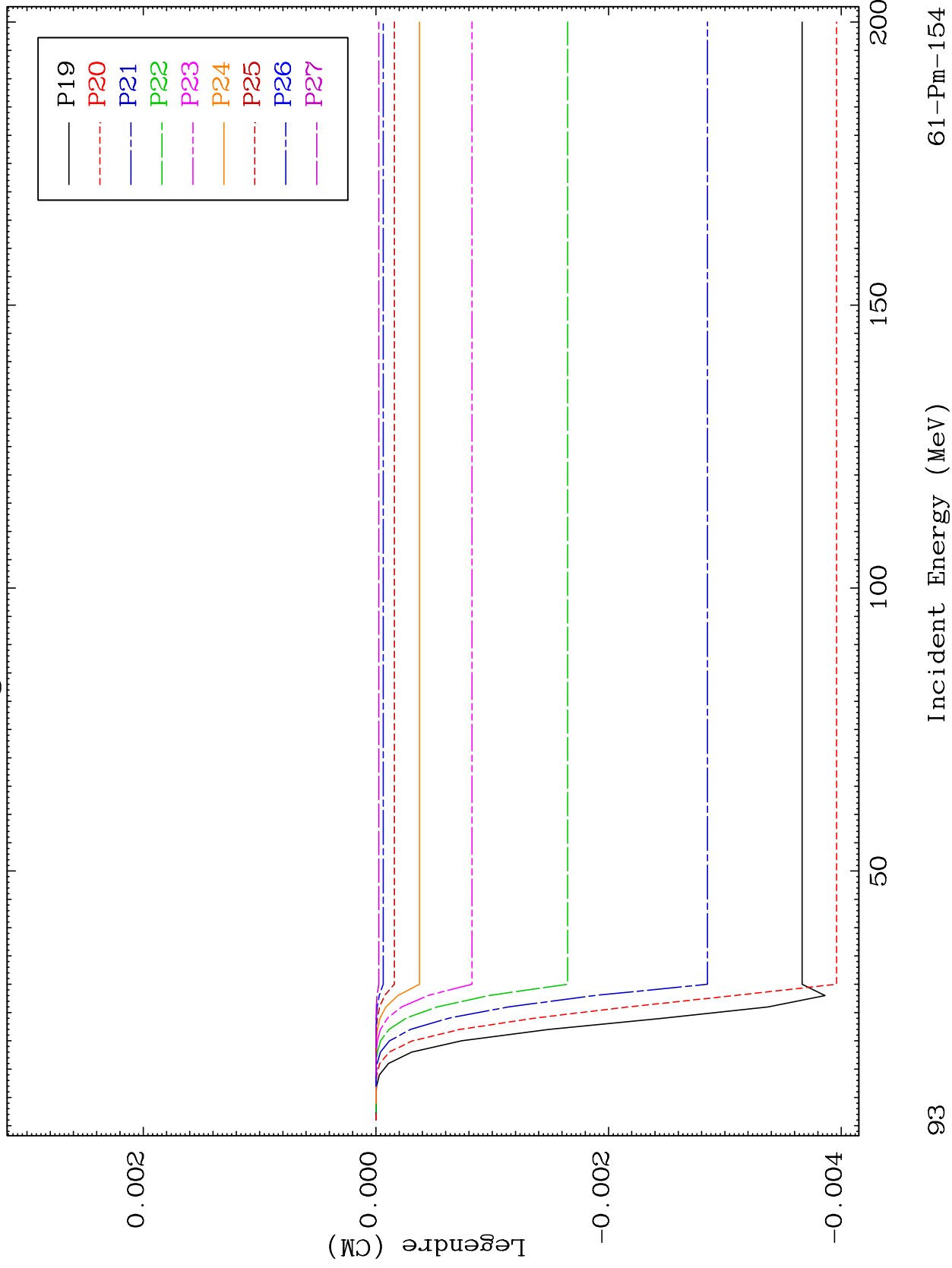
61-Pm-154



MAT 6170

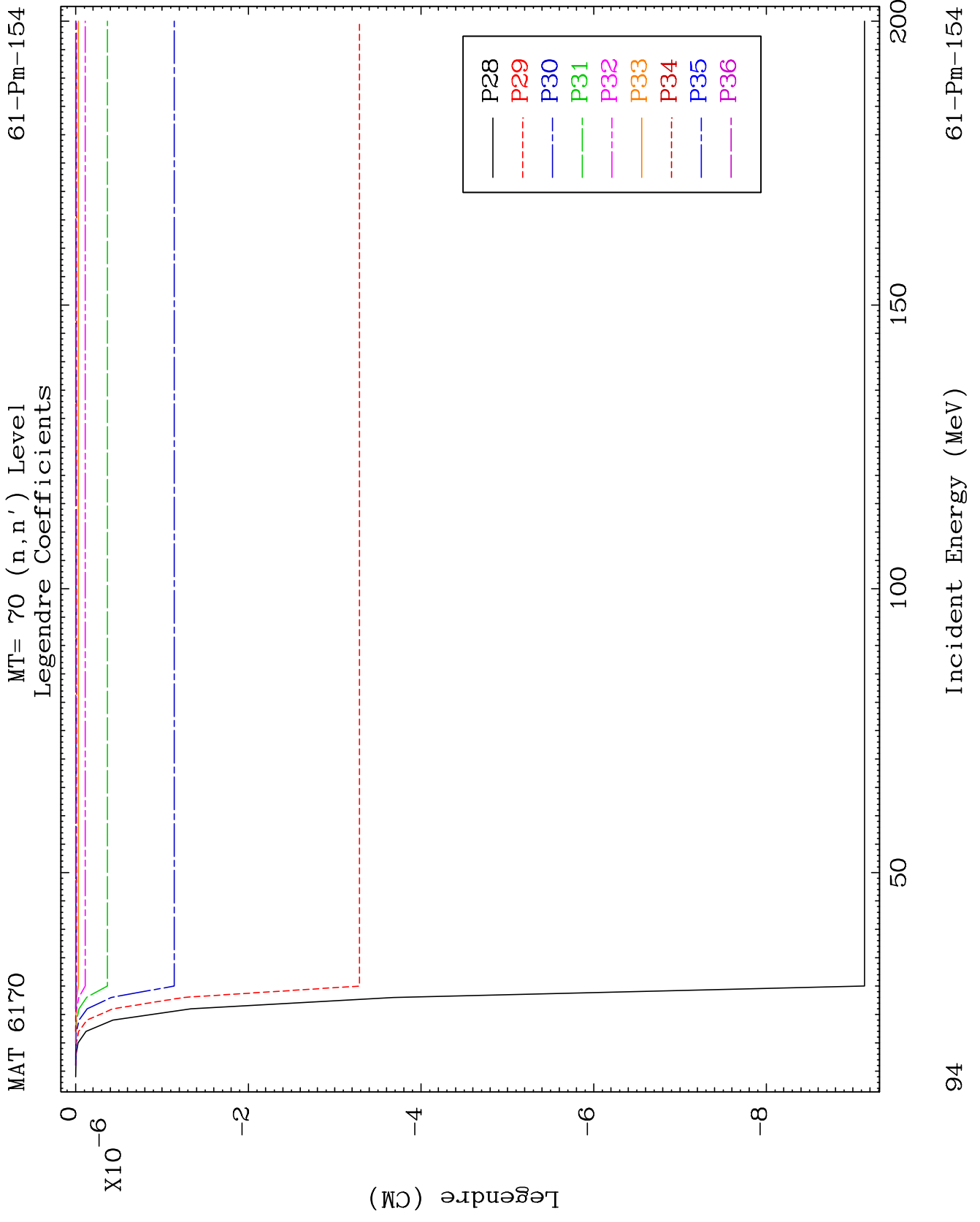
MT= 70 (n,n') Level
Legendre Coefficients

61-Pm-154



93

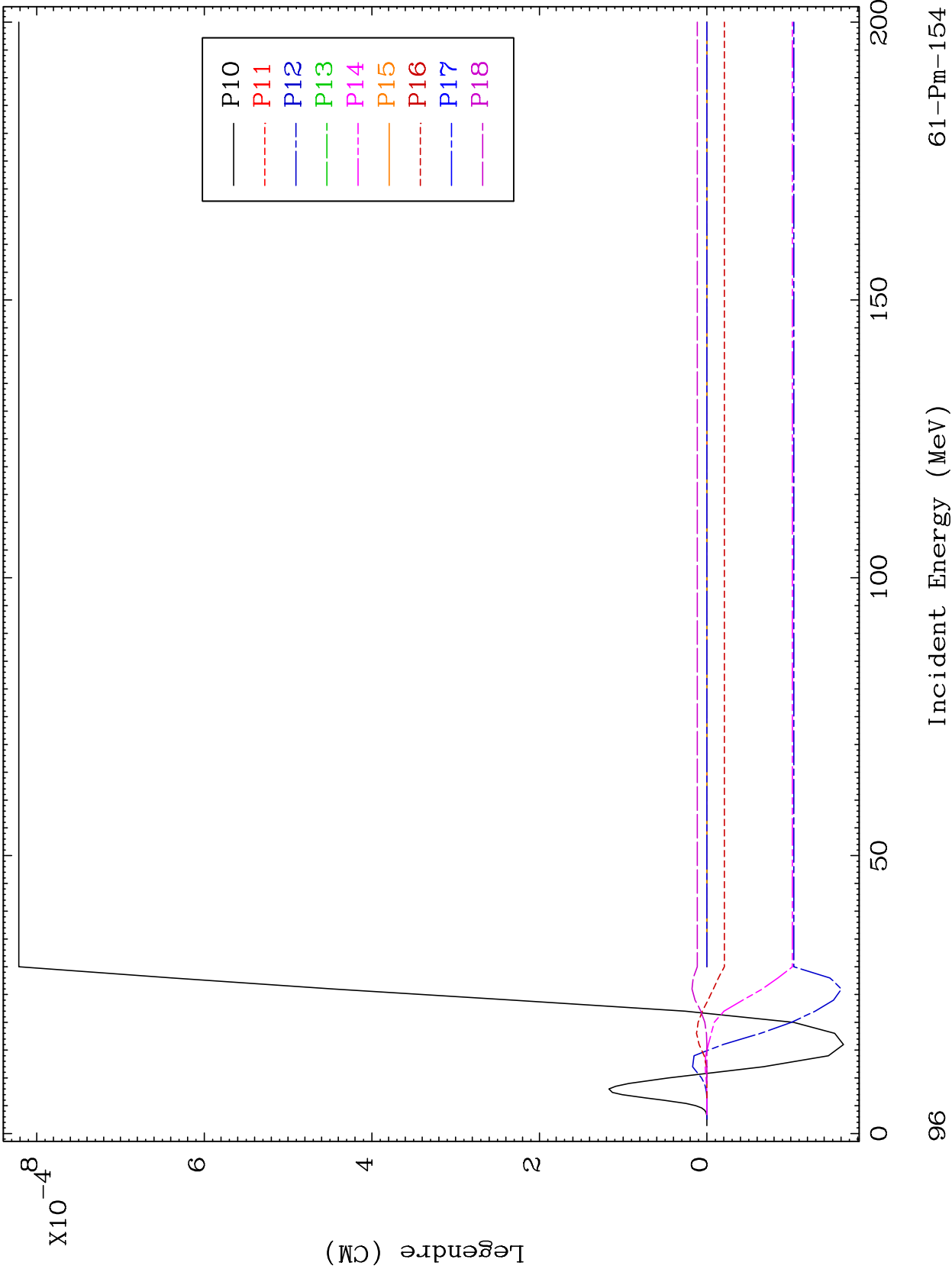
61-Pm-154



MAT 6170

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

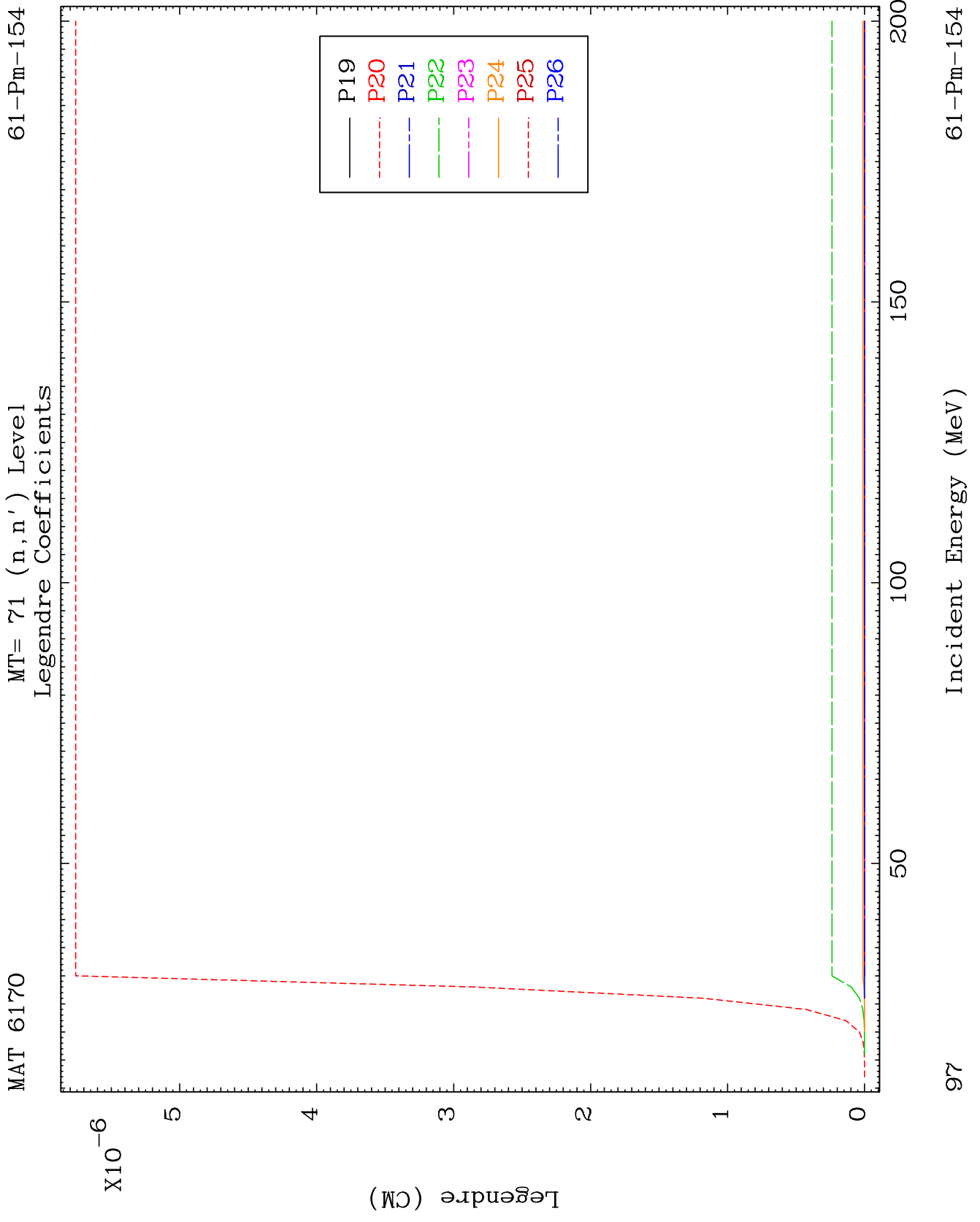
61-Pm-154



96

Incident Energy (MeV)

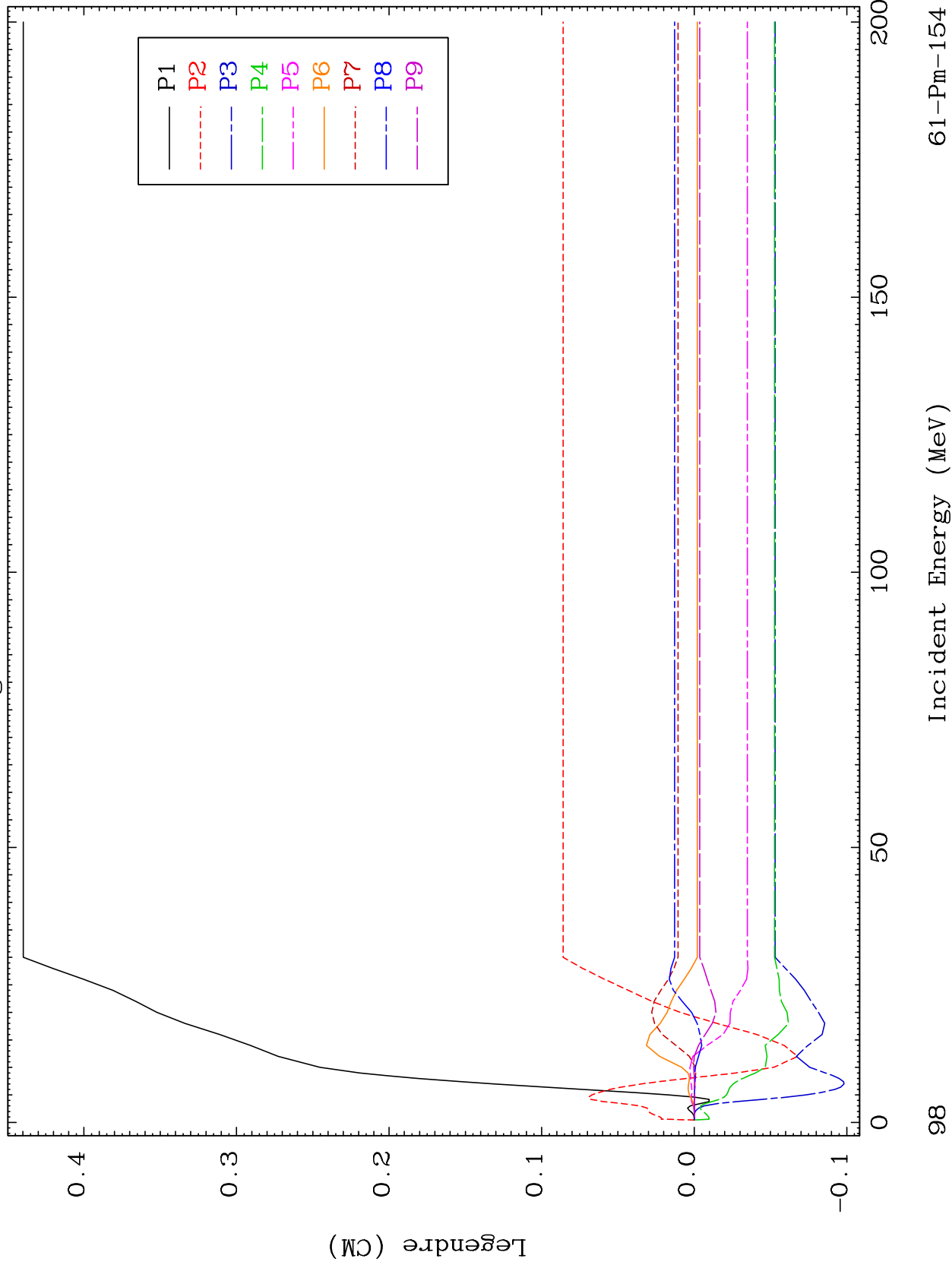
61-Pm-154



MAT 6170

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

61-Pm-154

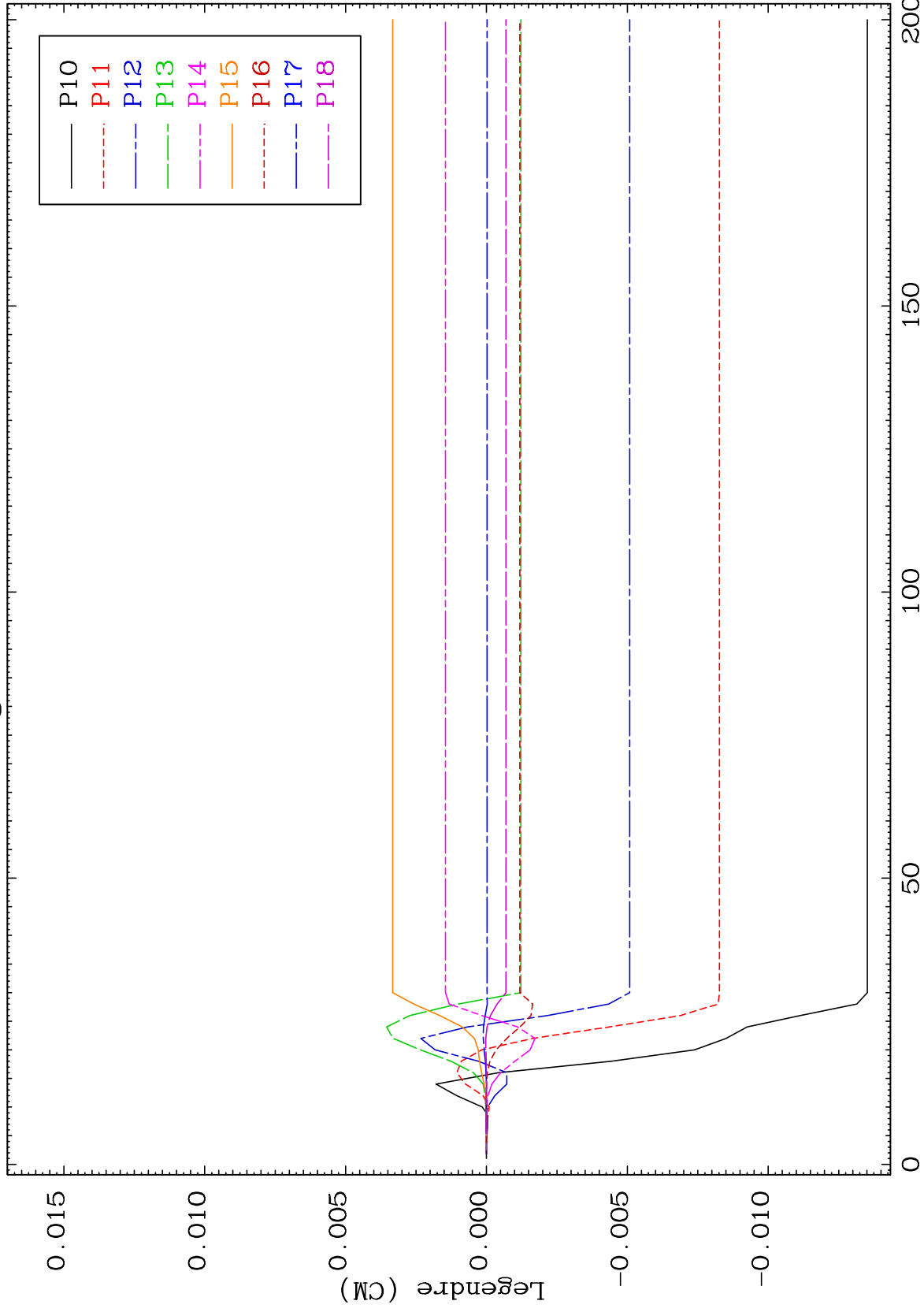


61-Pm-154

MAT 6170

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

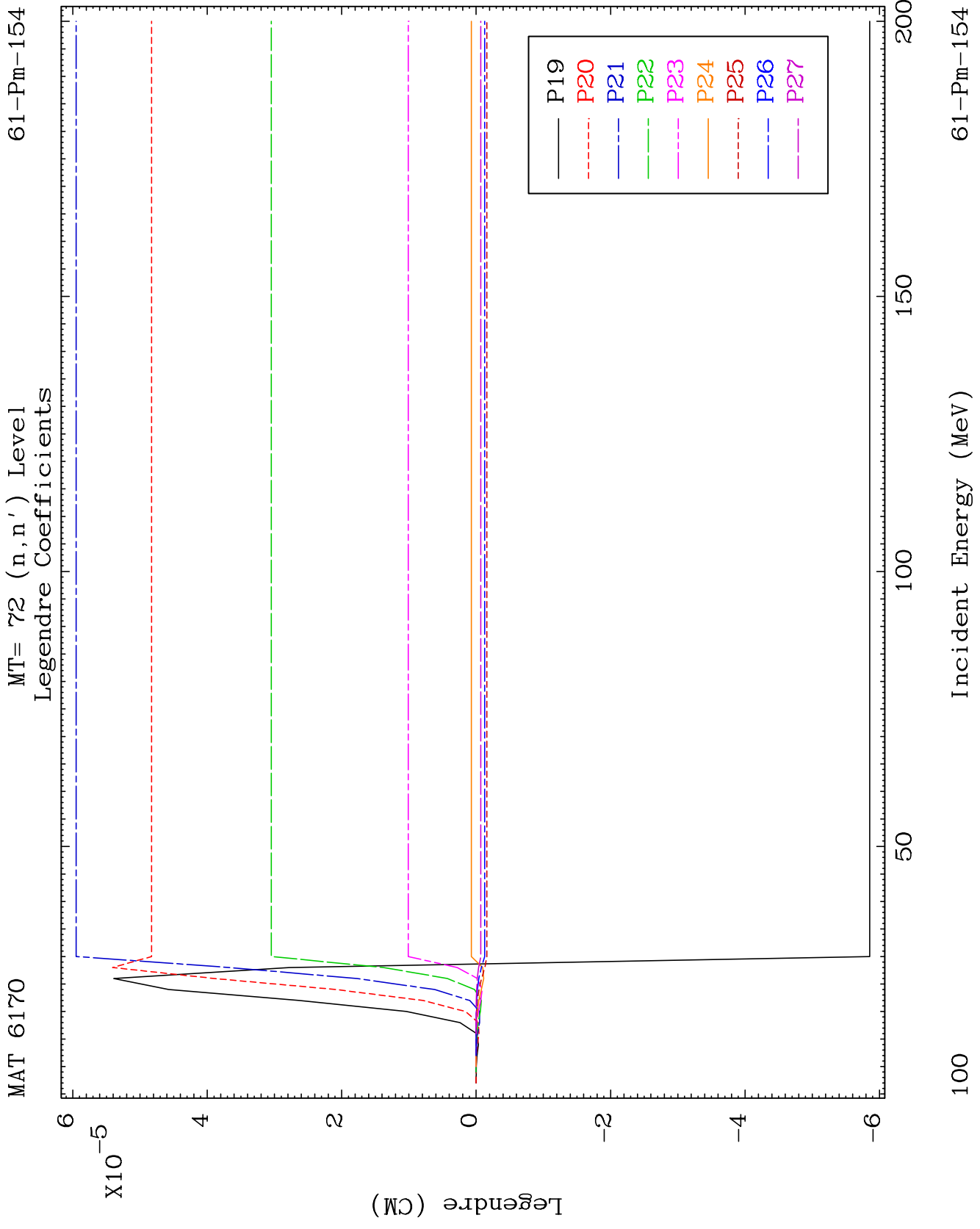
61-Pm-154

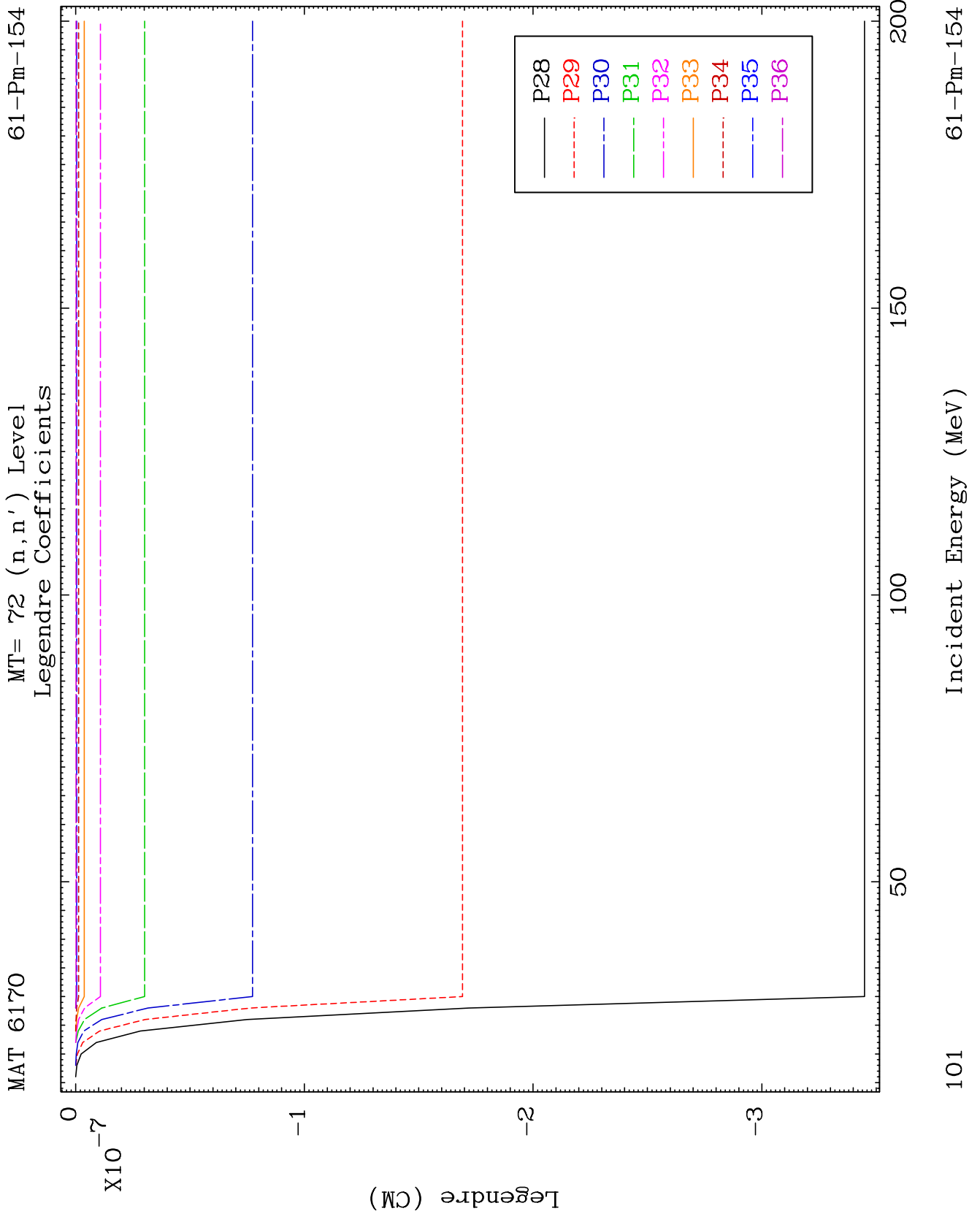


99

Incident Energy (MeV)

61-Pm-154

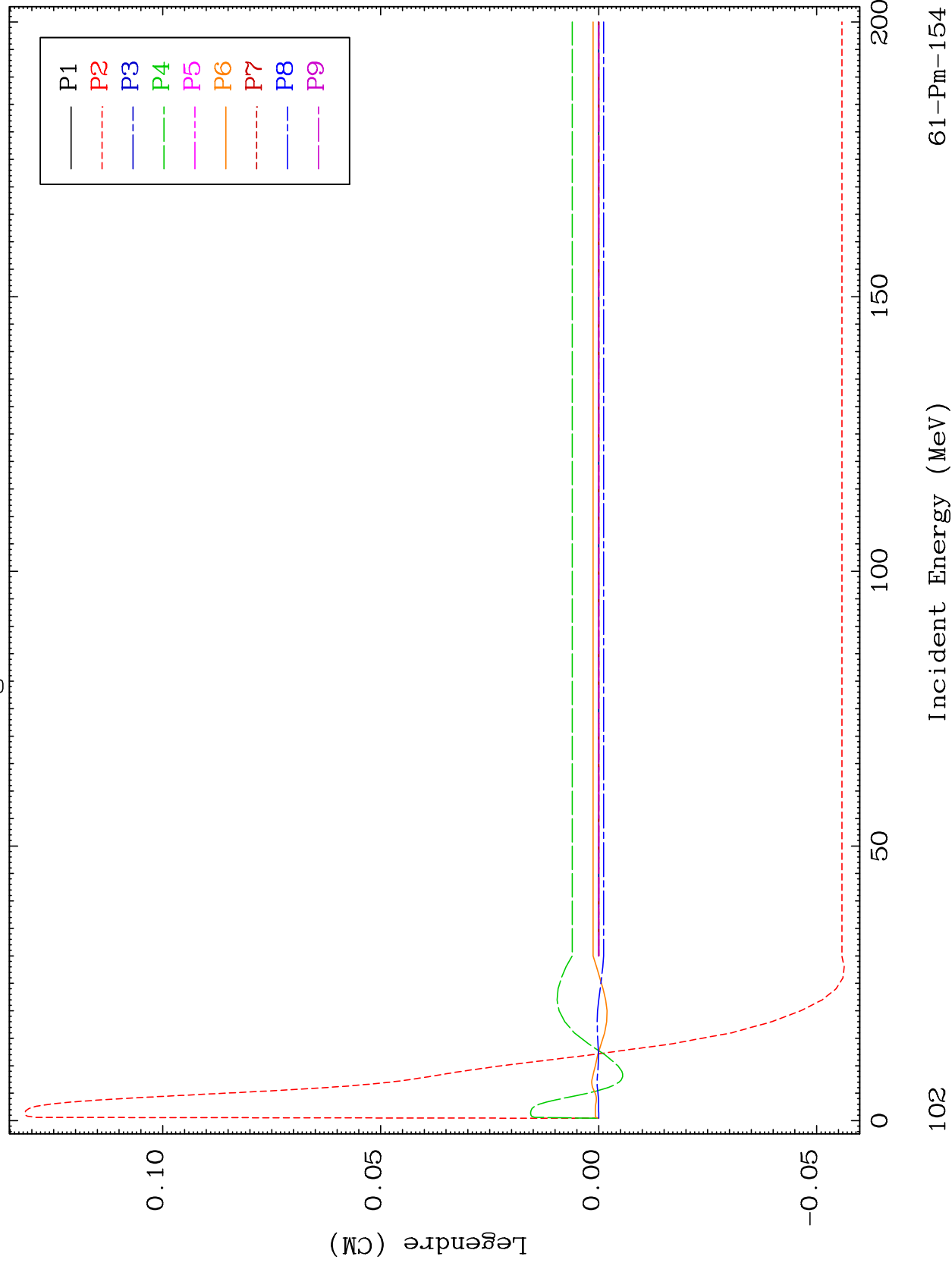




MAT 6170

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

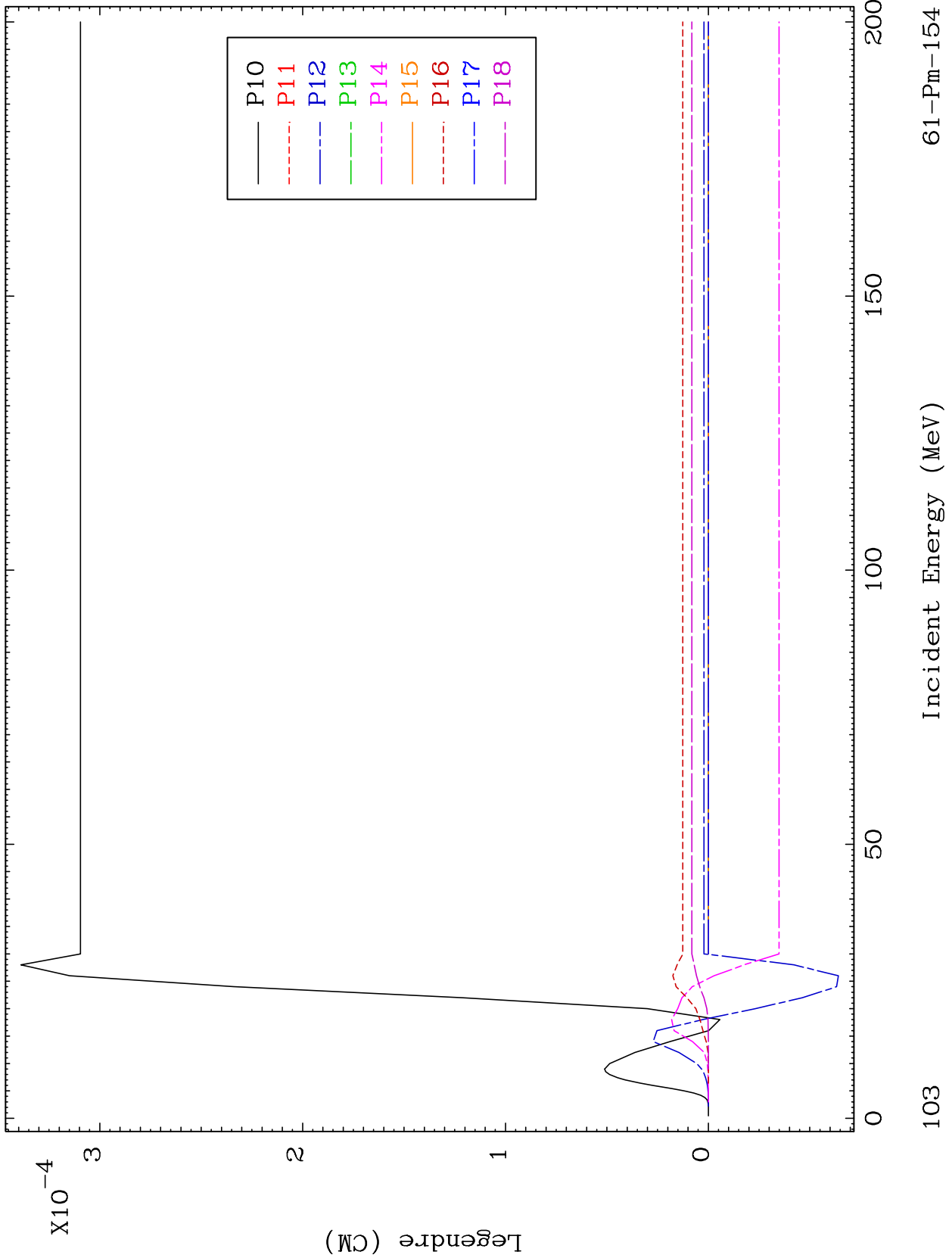
61-Pm-154



MAT 6170

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

61-Pm-154

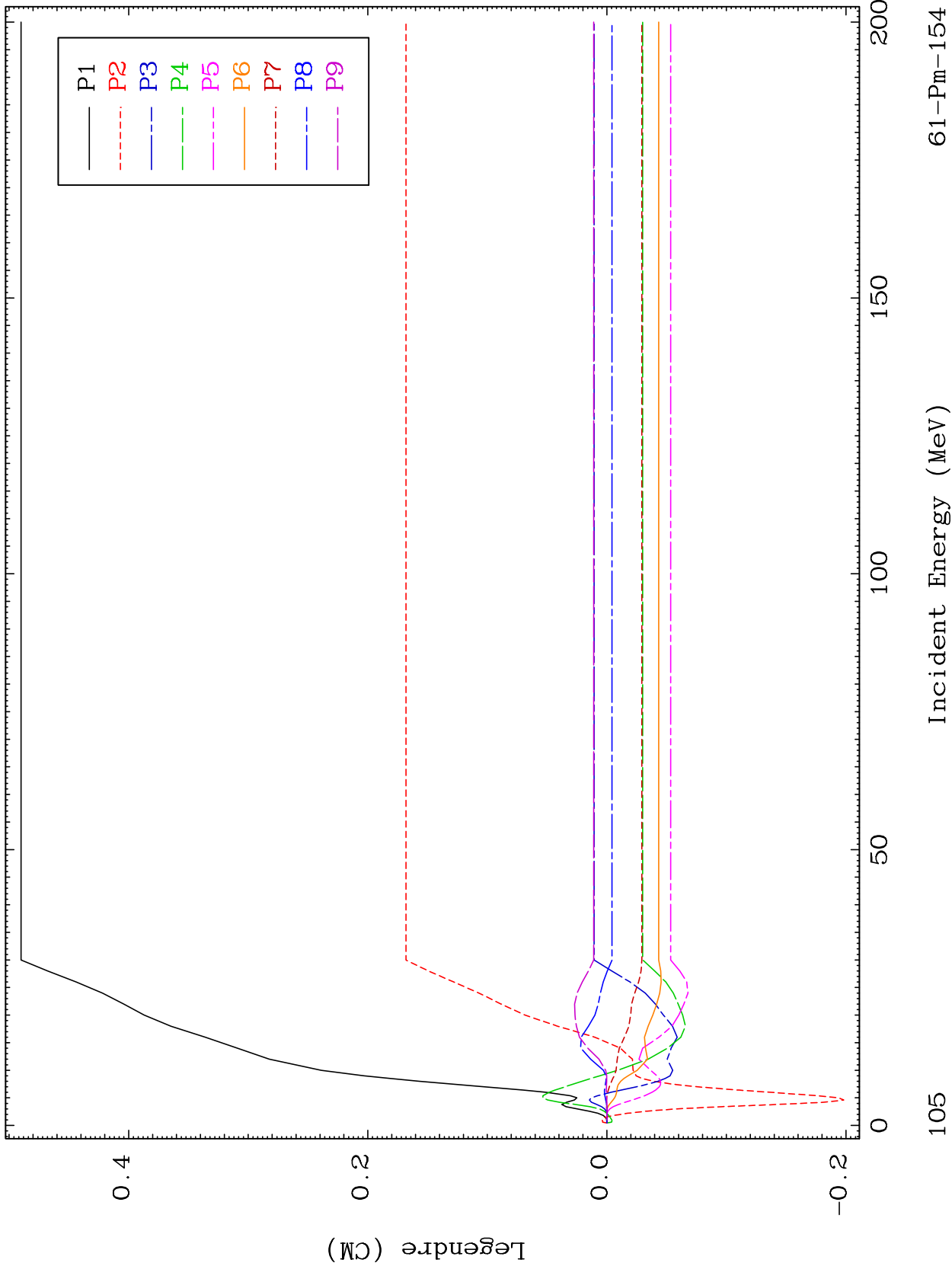


MAT 6170

MT= 74 (n,n') Level

61-Pm-154

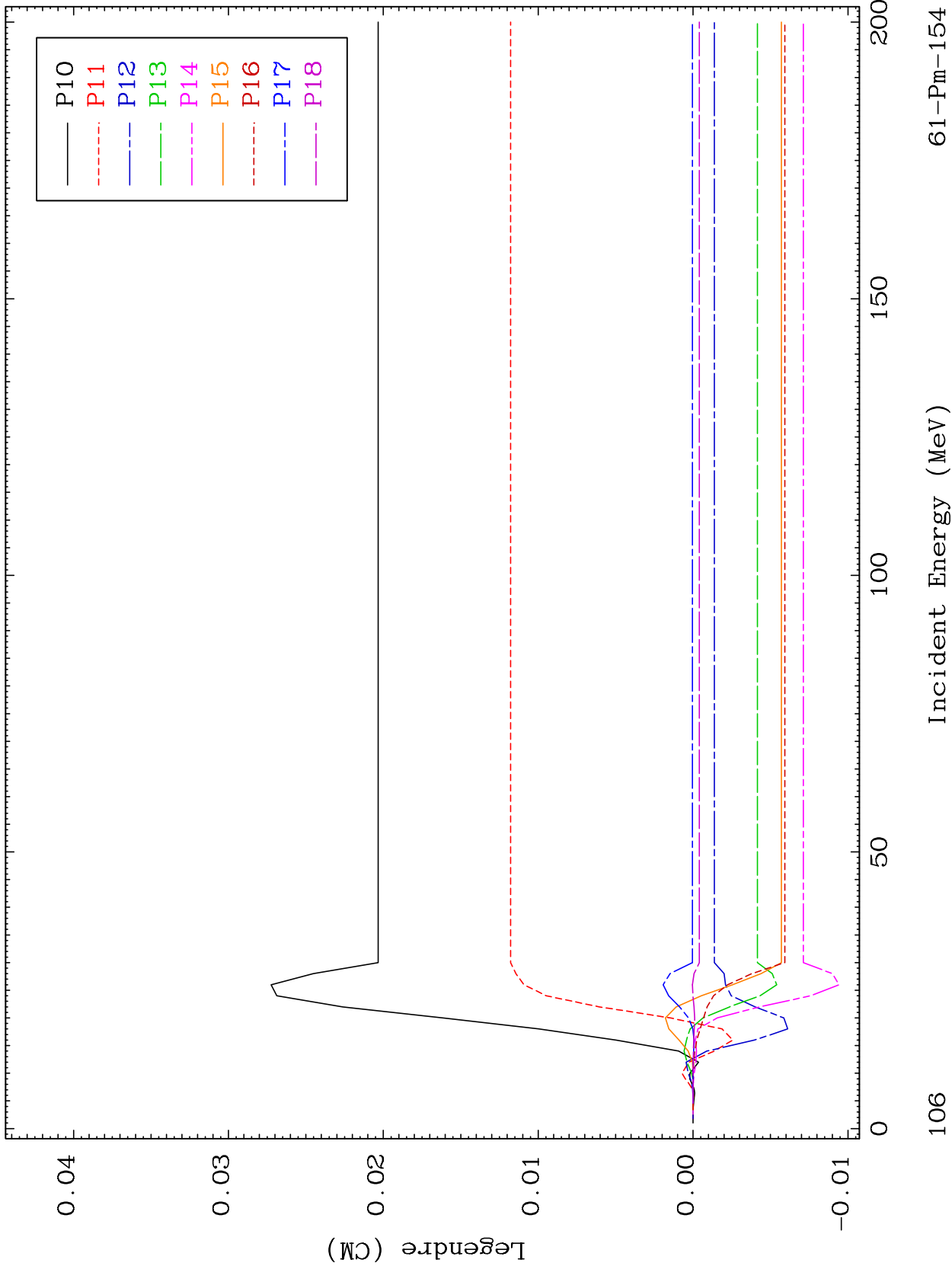
Legendre Coefficients



MAT 6170

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

61-Pm-154



61-Pm-154

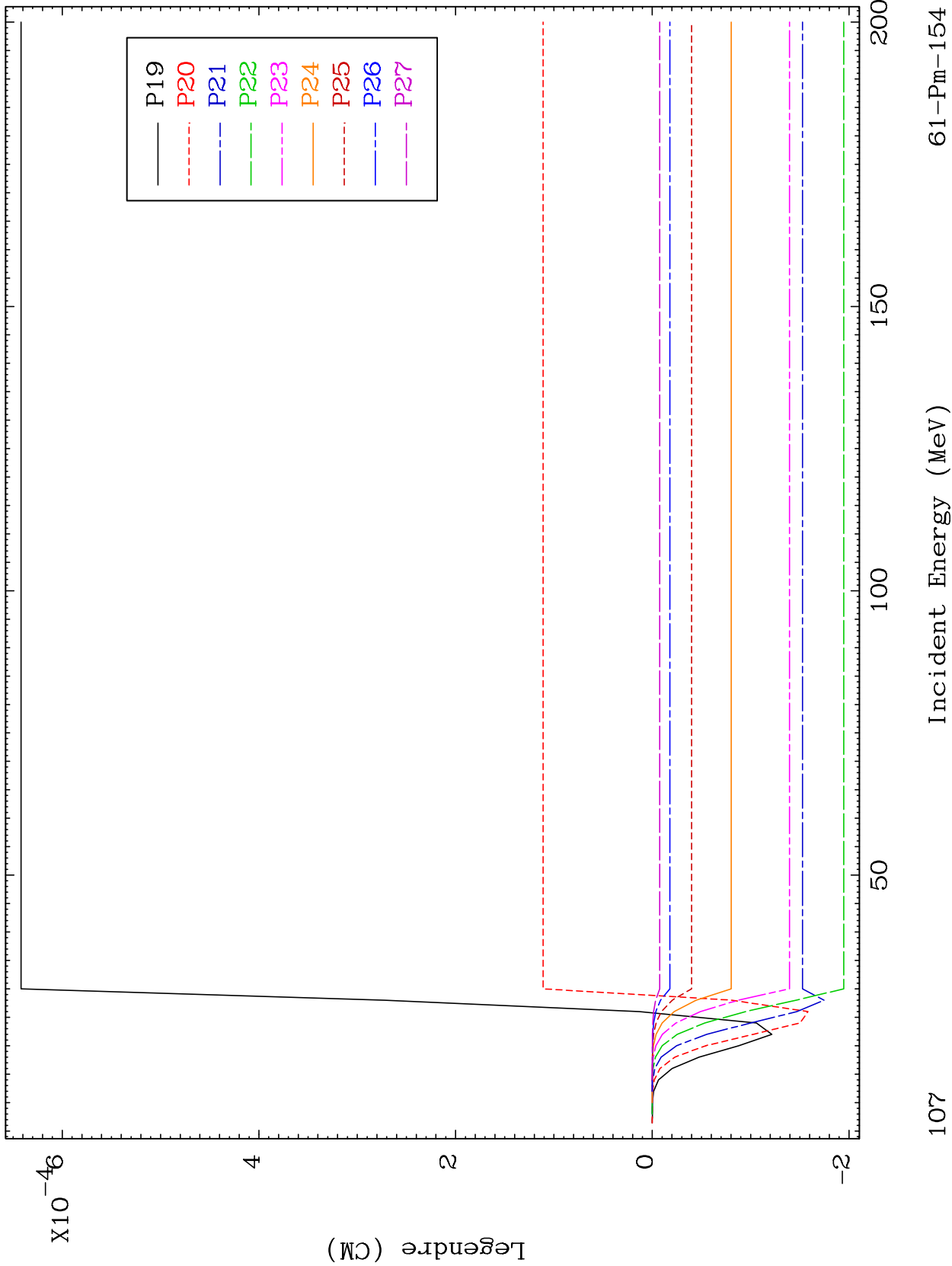
Incident Energy (MeV)

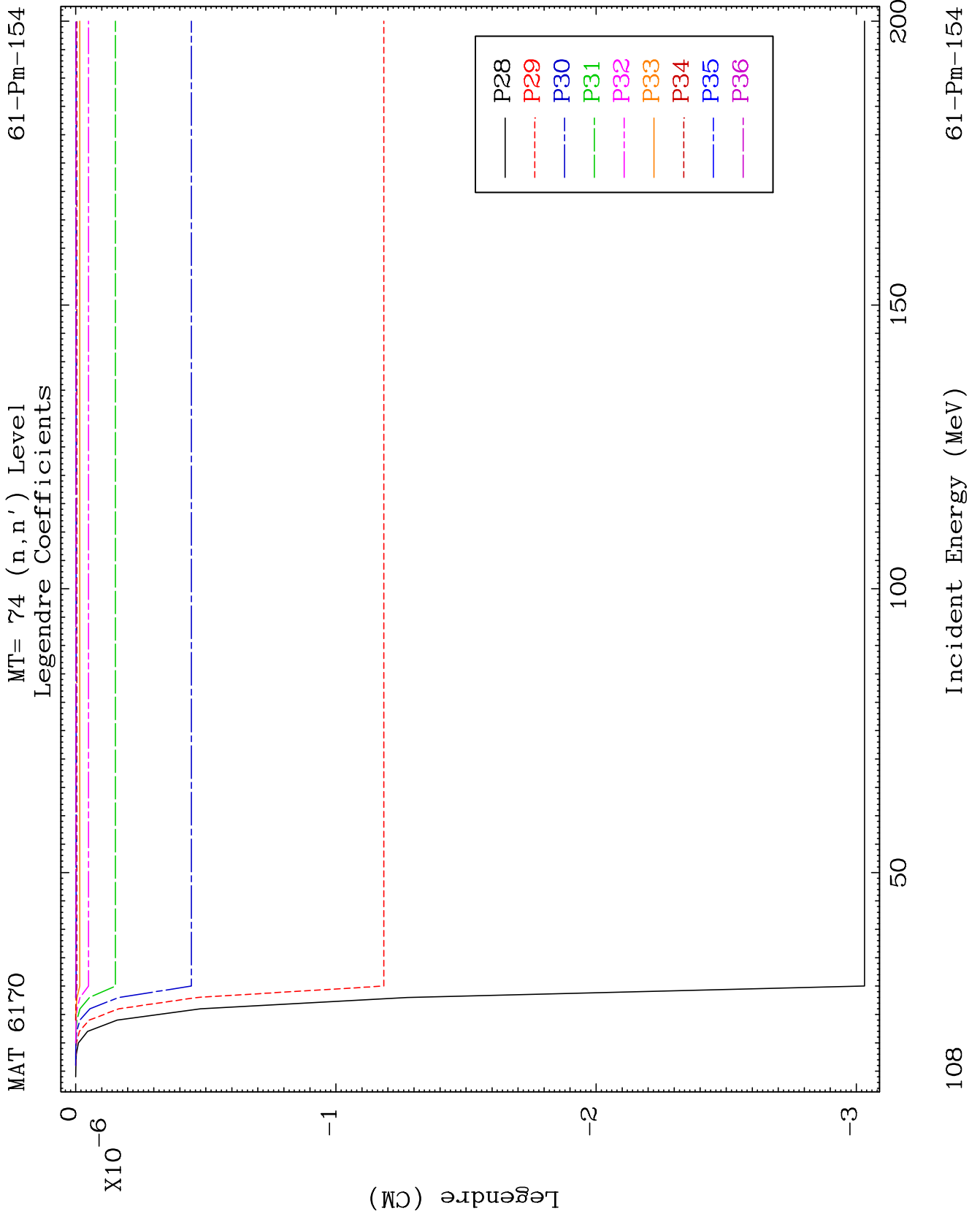
106

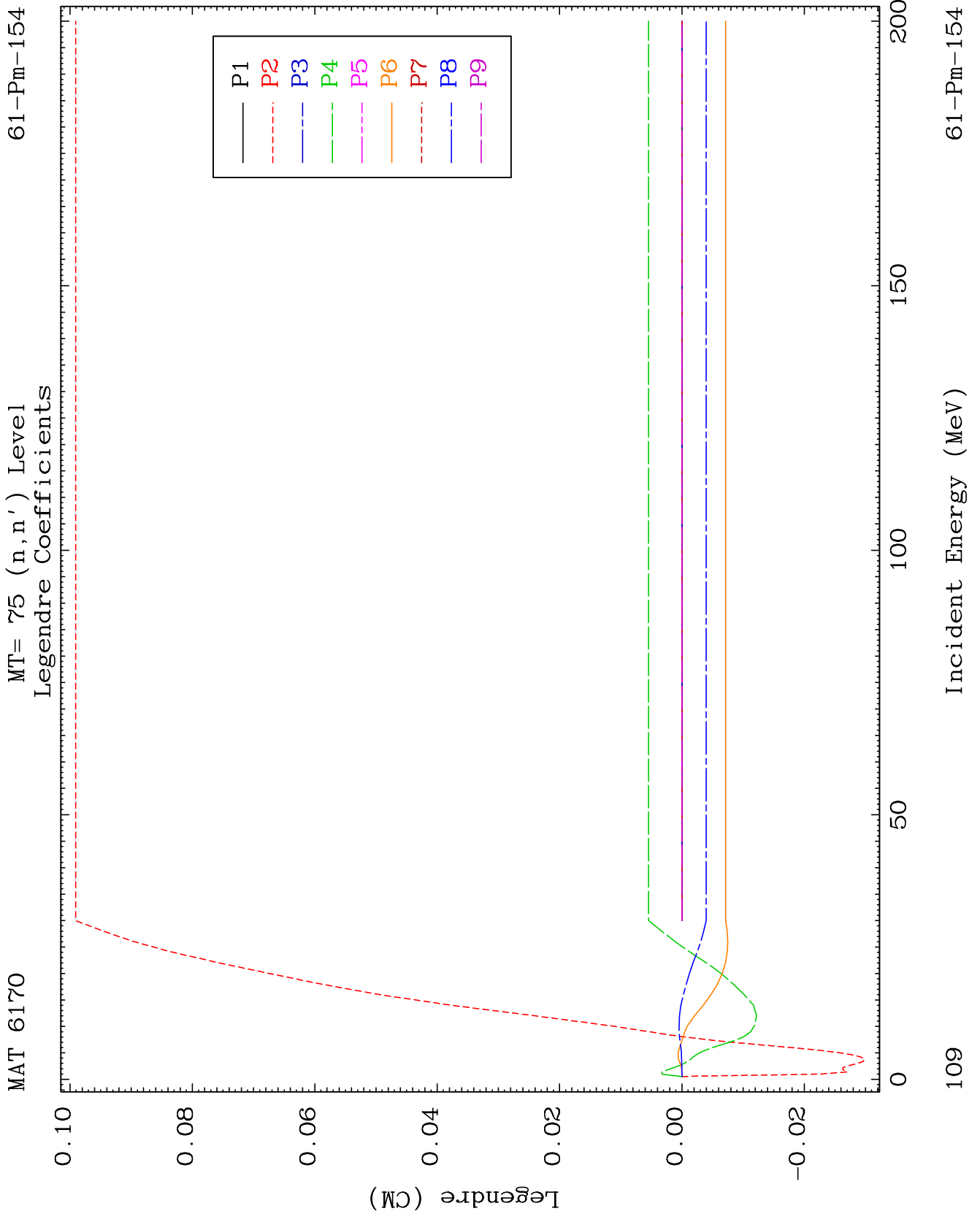
MAT 6170

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

61-Pm-154



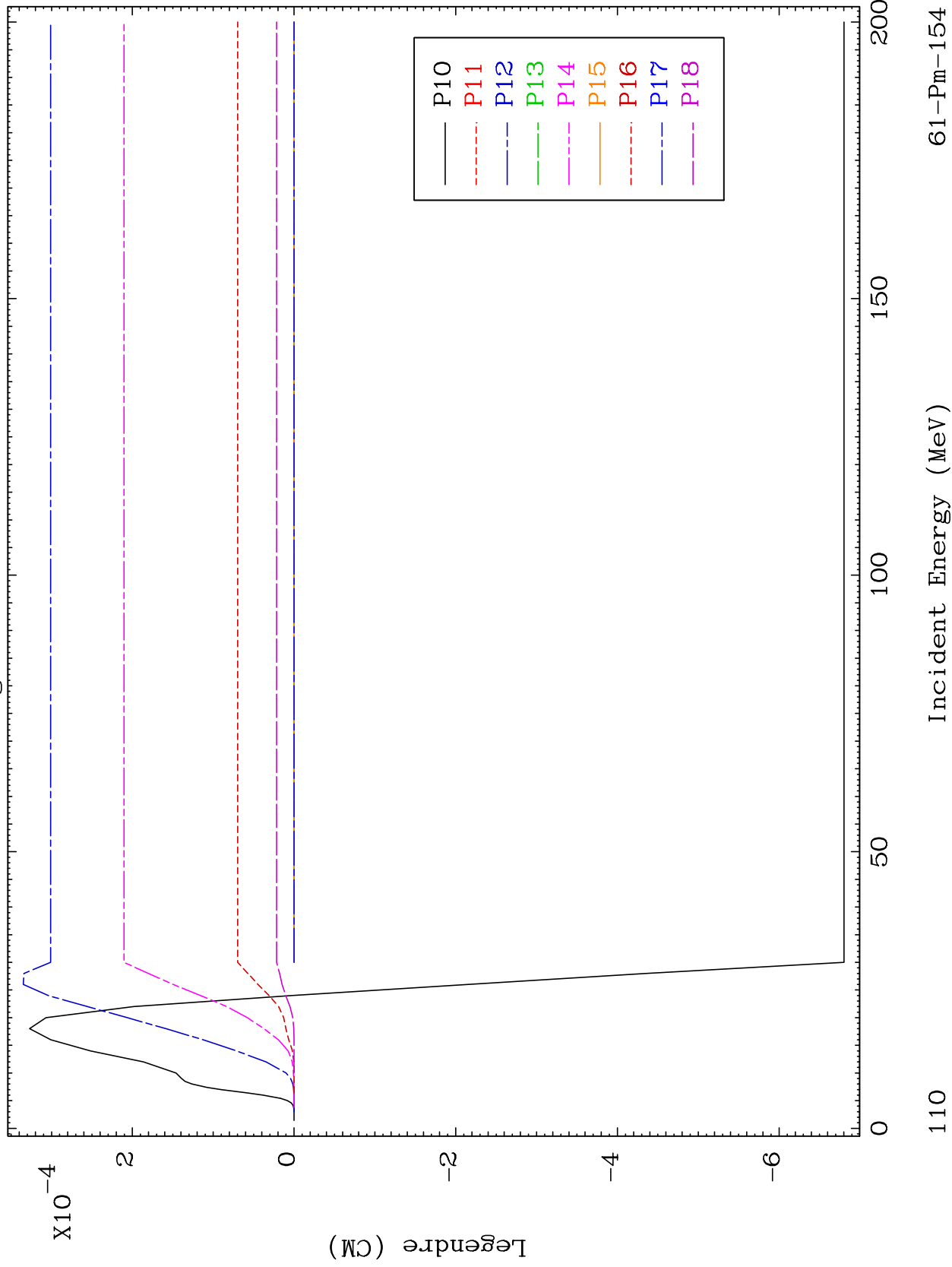




MAT 6170

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

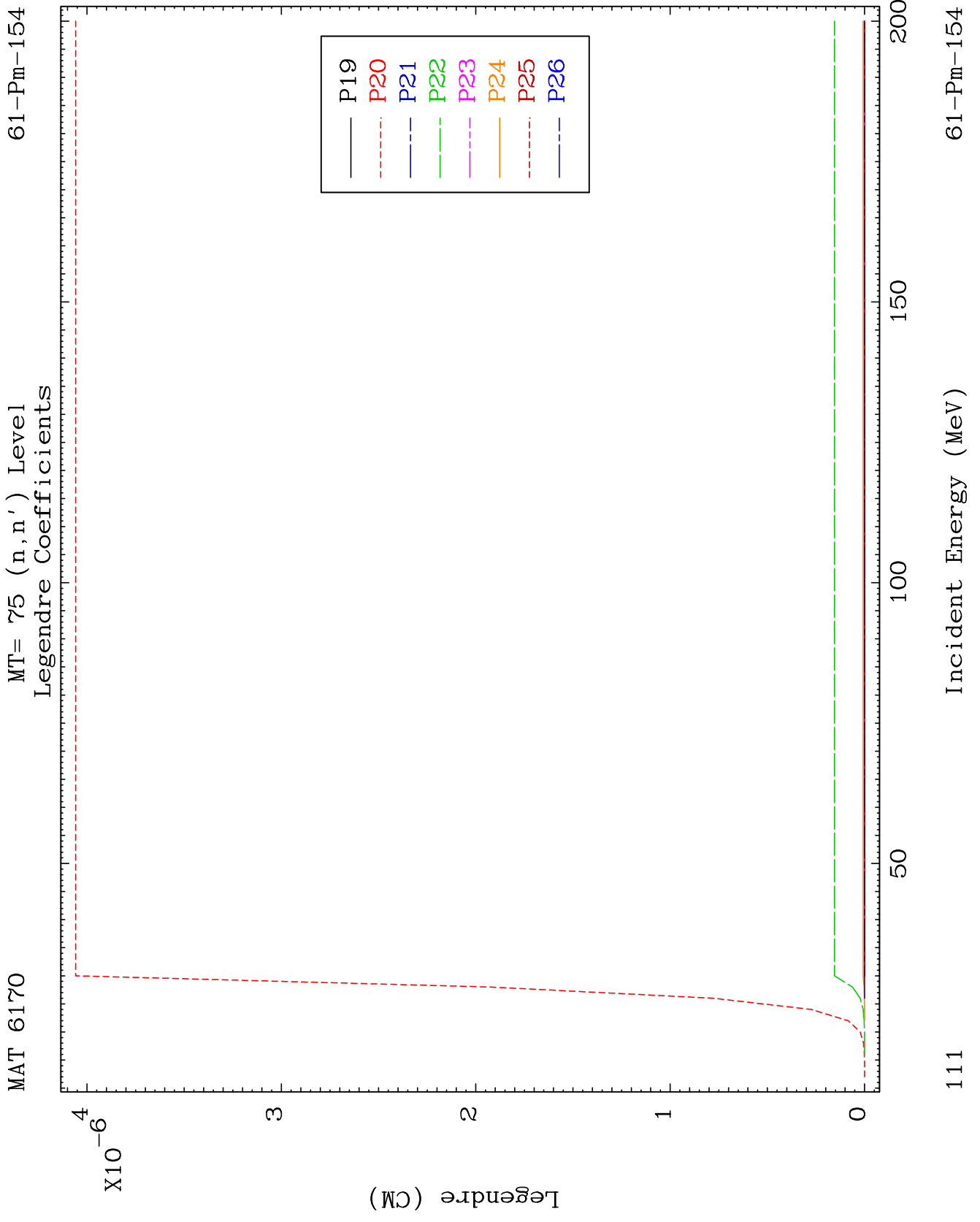
61-Pm-154

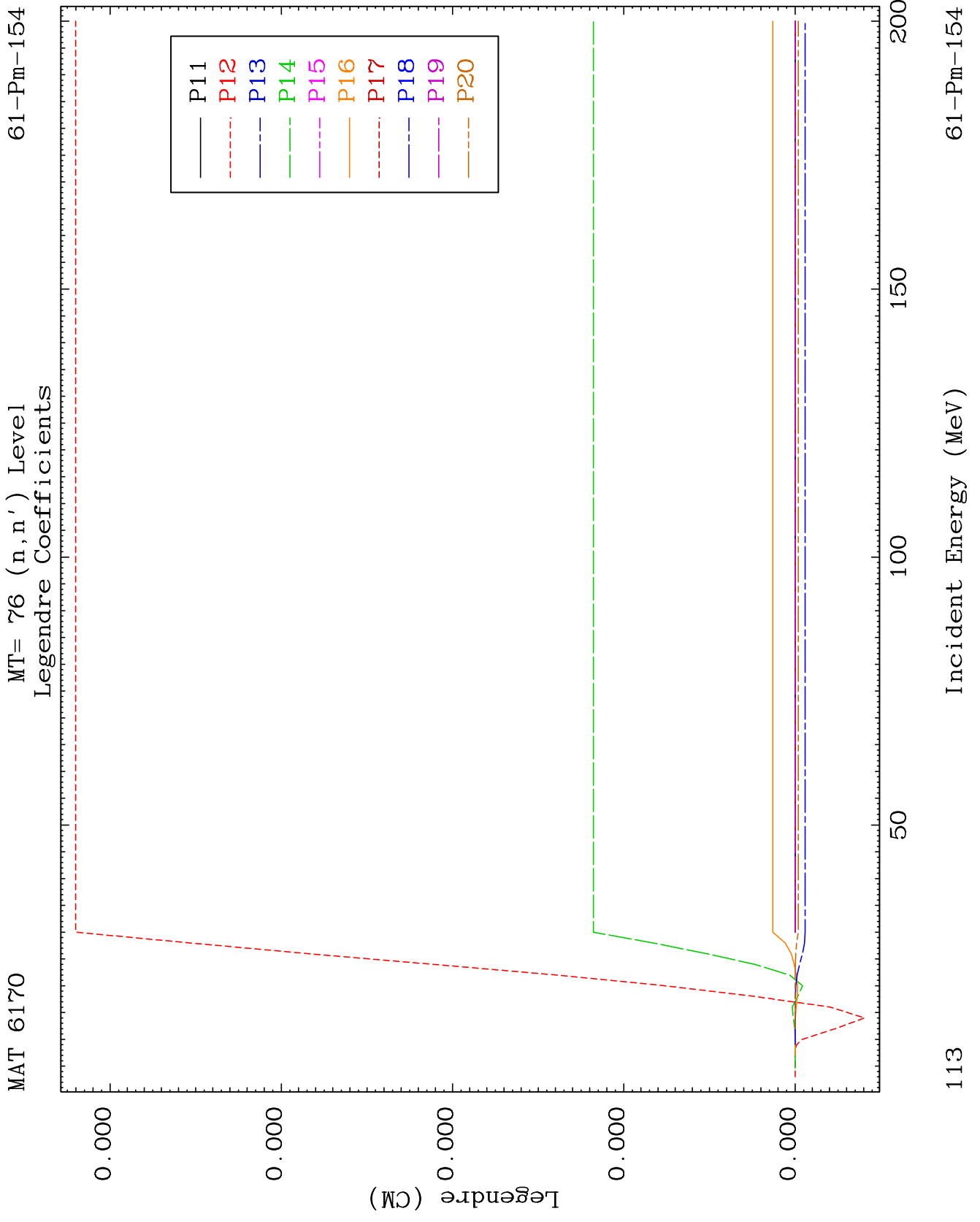


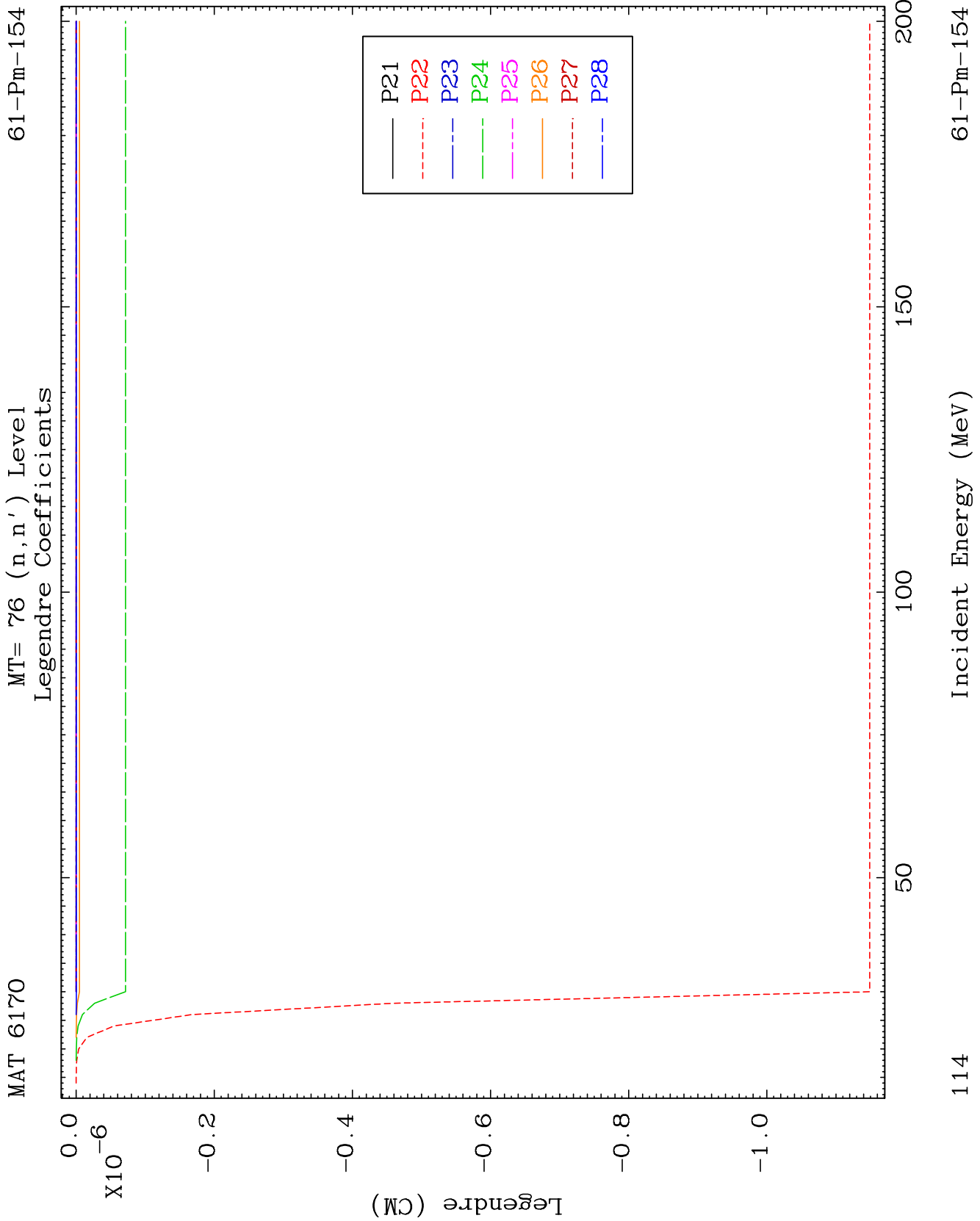
110

Incident Energy (MeV)

61-Pm-154



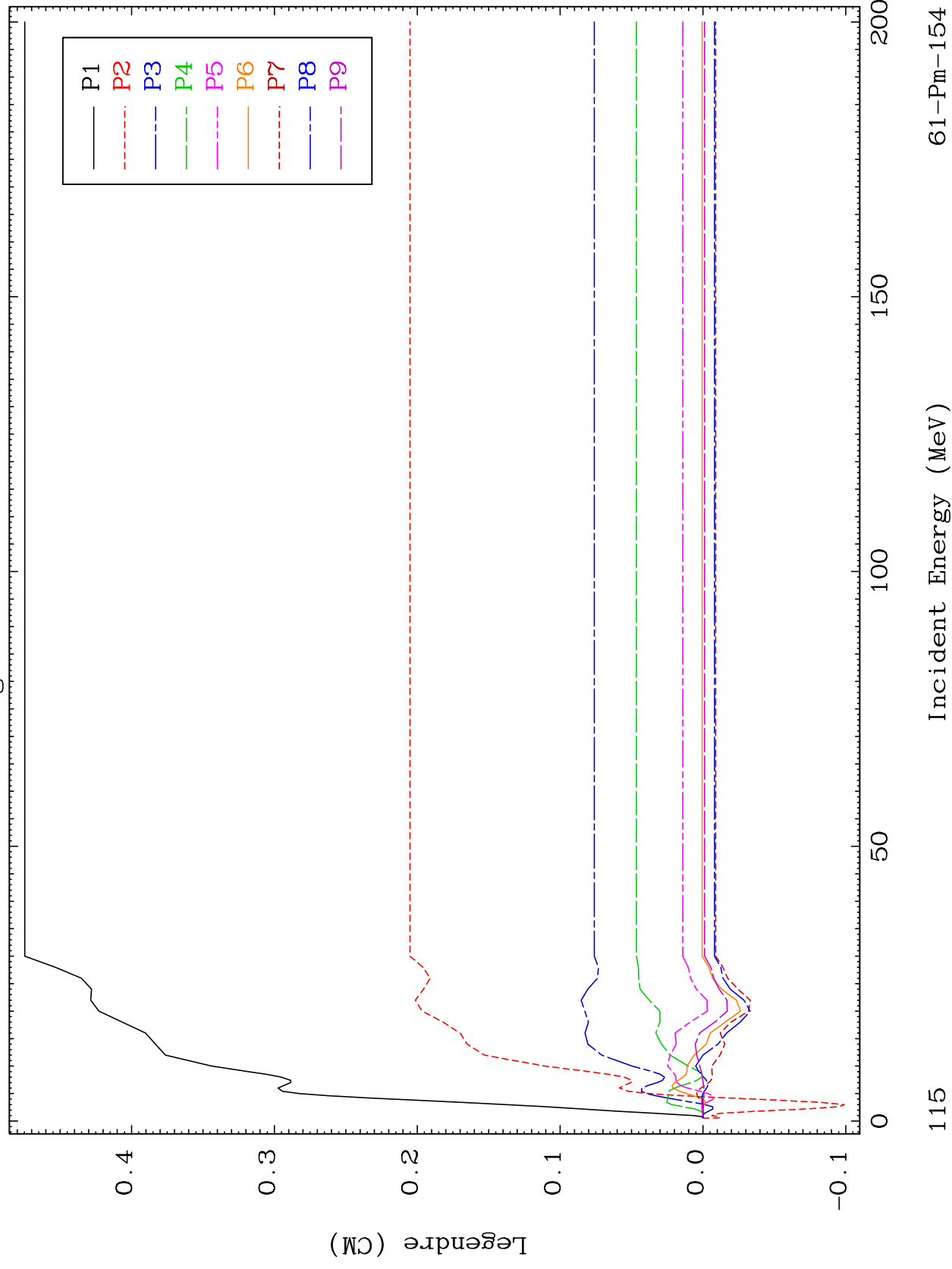




MAT 6170

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

61-Pm-154



61-Pm-154

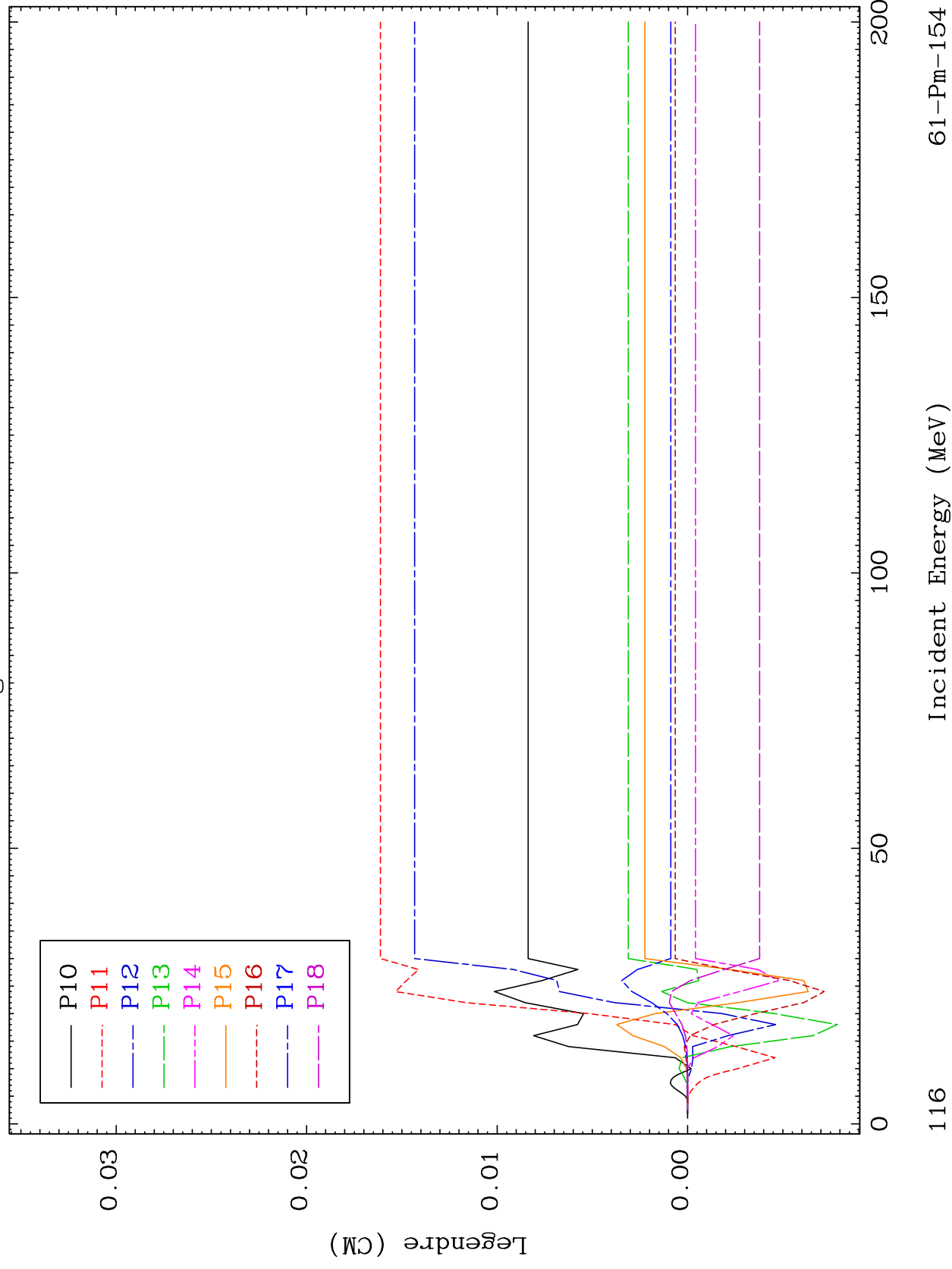
Incident Energy (MeV)

115

MAT 6170

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

61-Pm-154



116

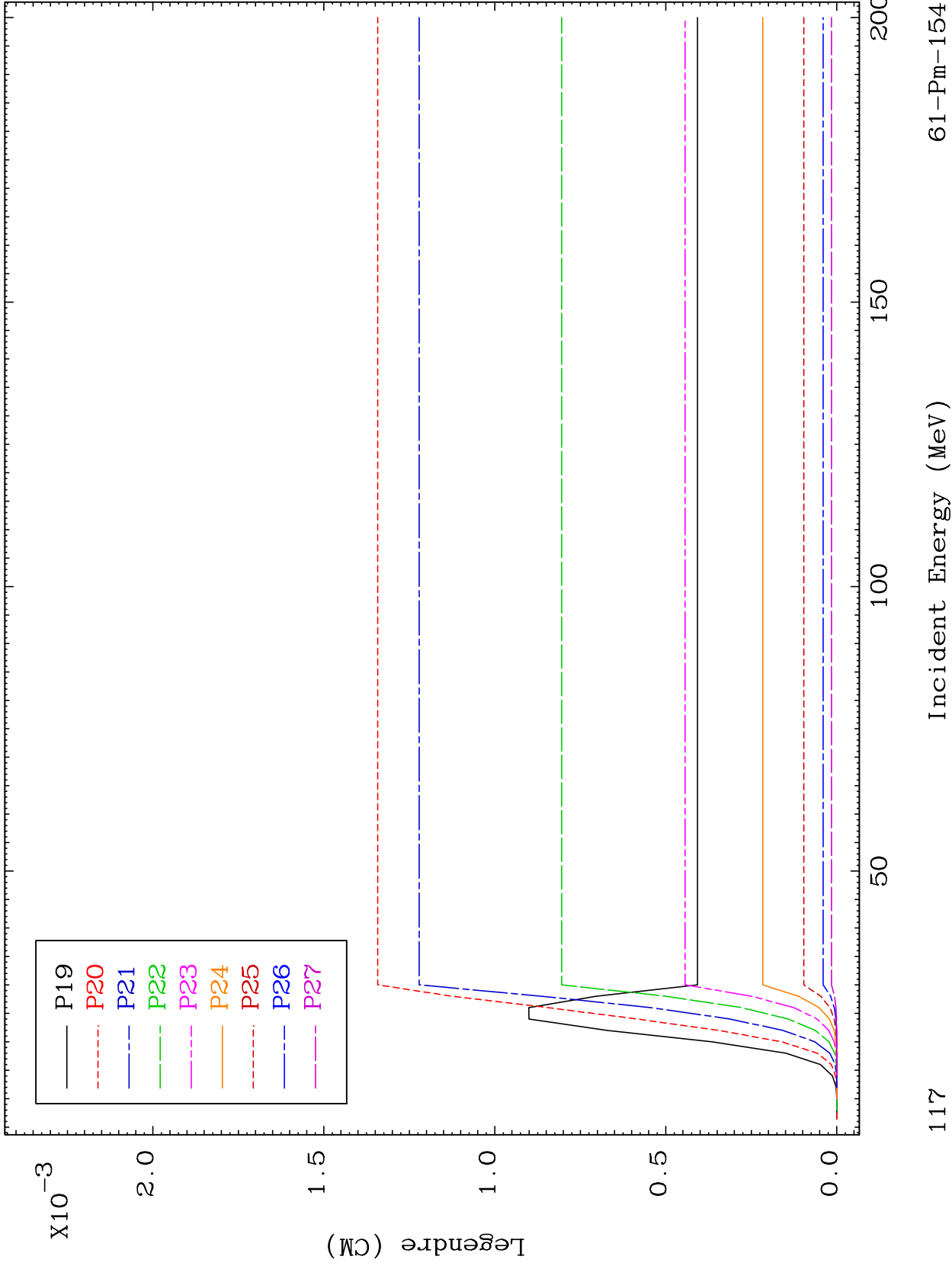
Incident Energy (MeV)

61-Pm-154

MAT 6170

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

61-Pm-154

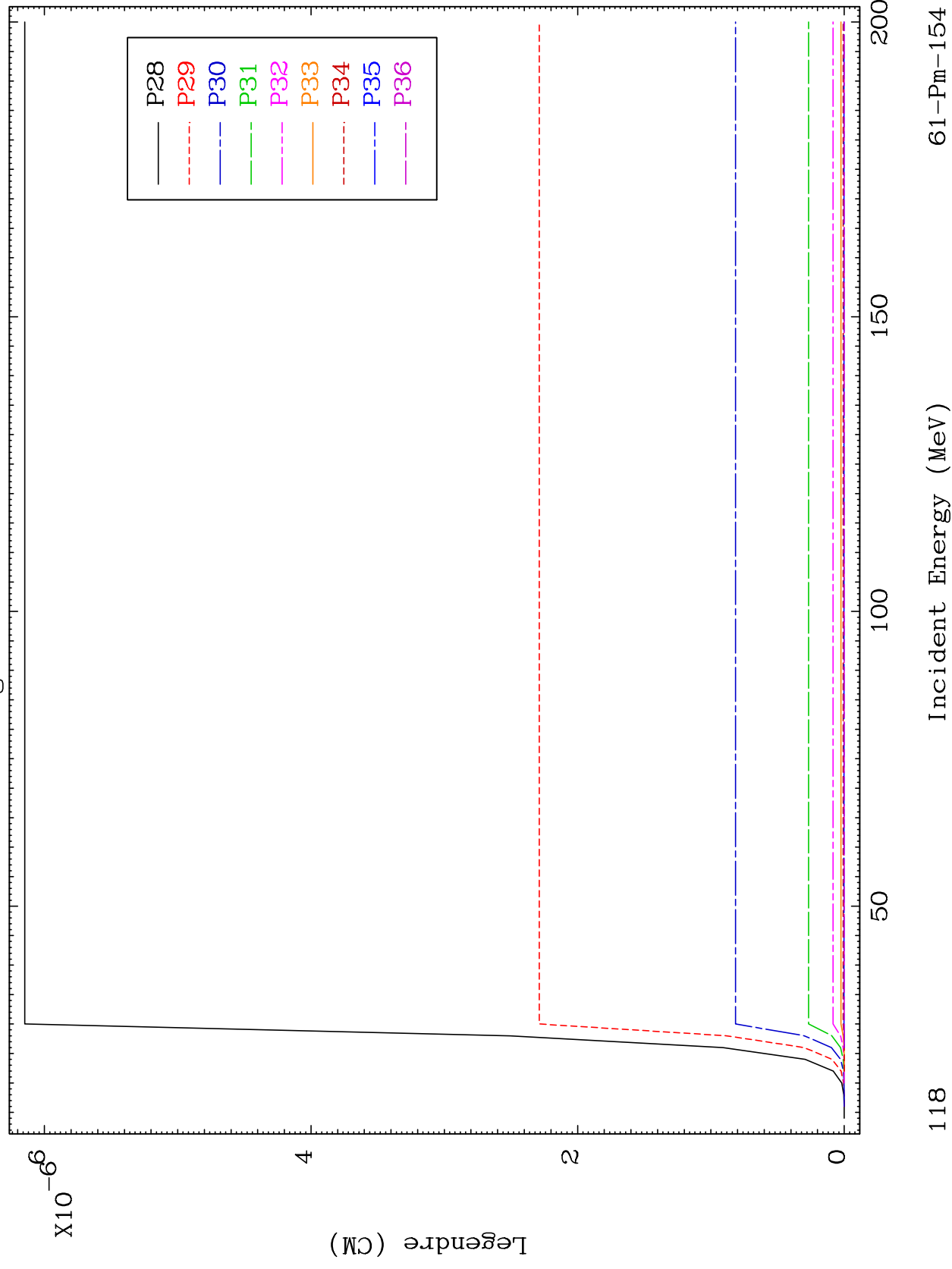


117

MAT 6170

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

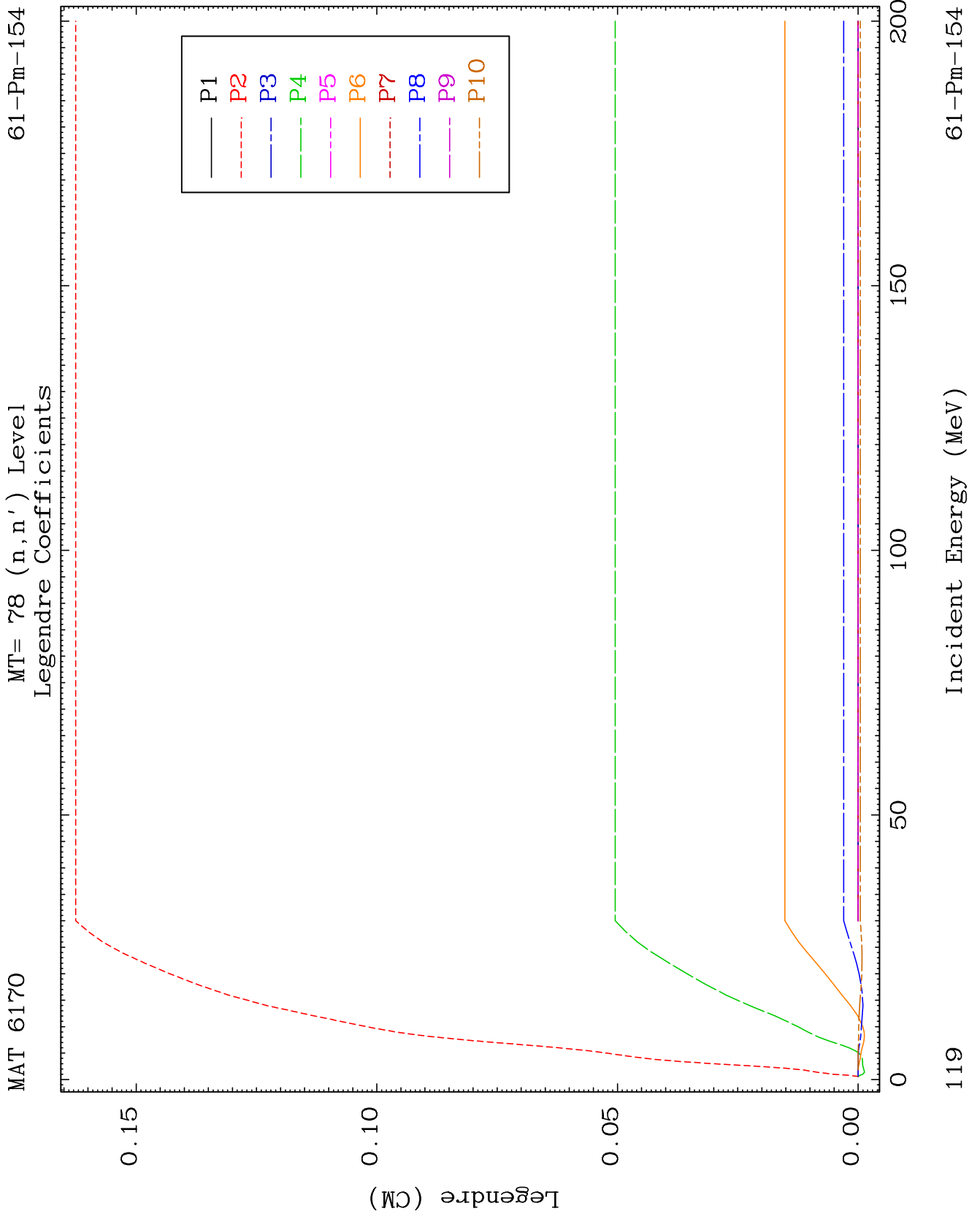
61-Pm-154

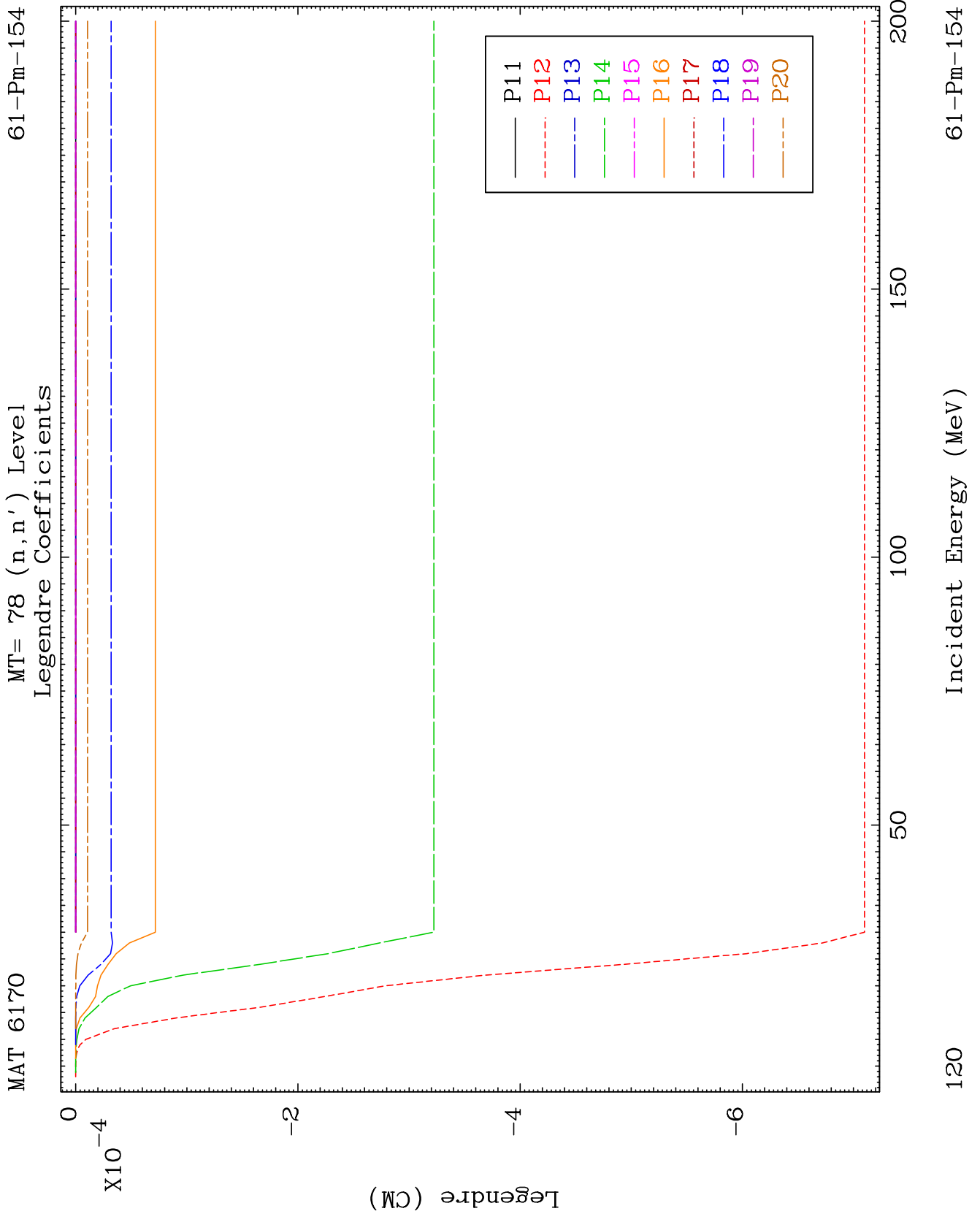


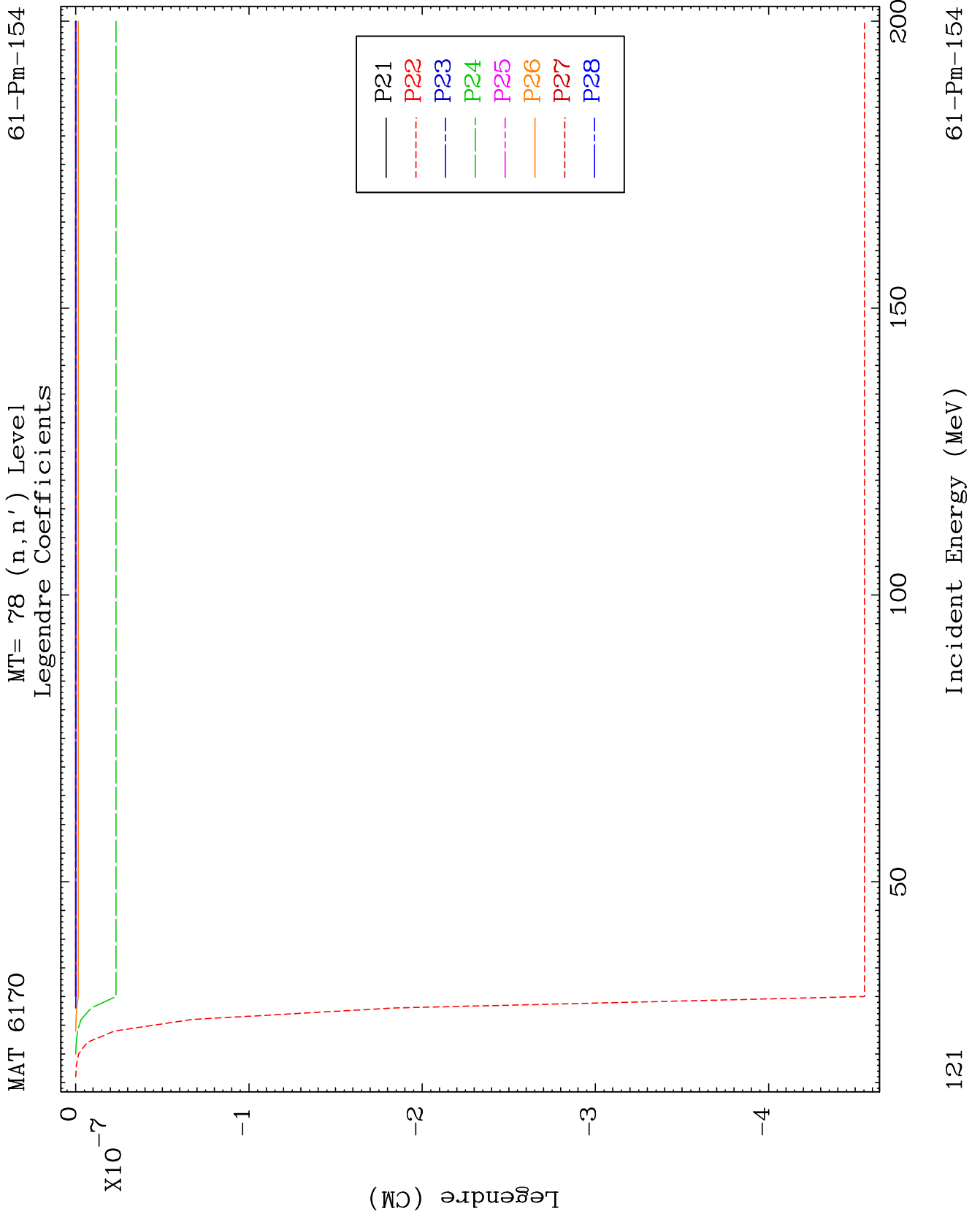
118

Incident Energy (MeV)

61-Pm-154



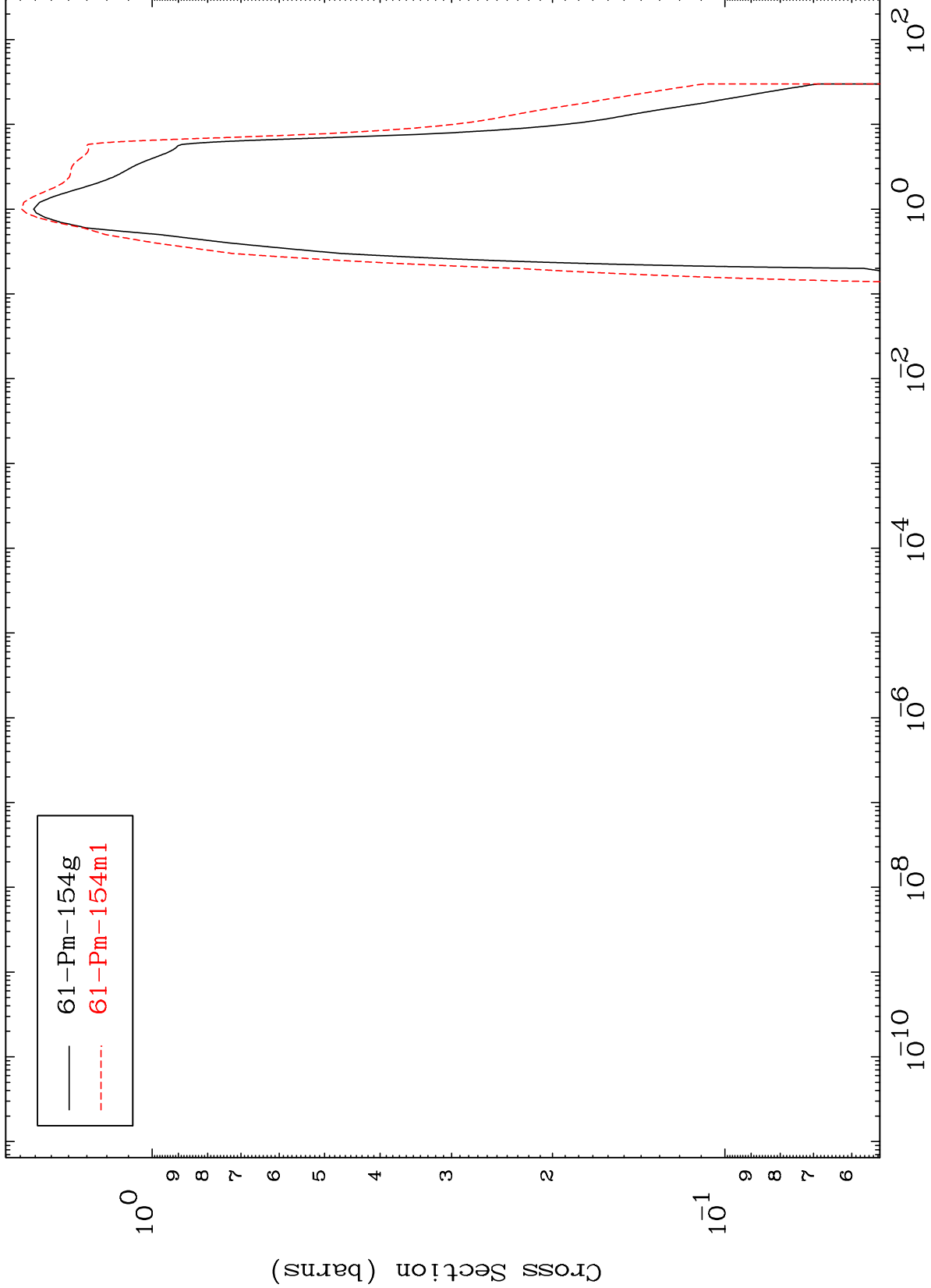




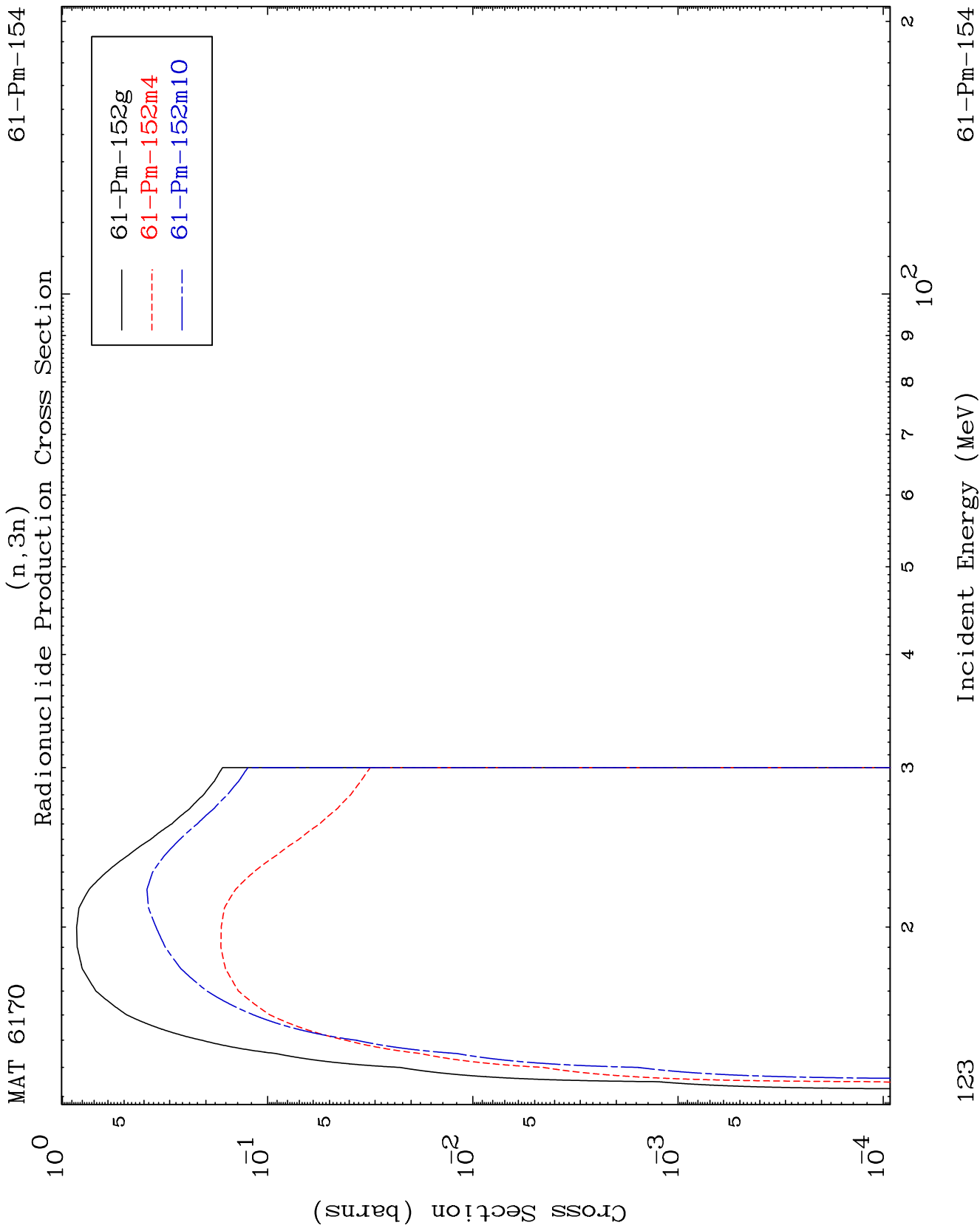
MAT 6170

Inelastic
Radionuclide Production Cross Section

61-Pm-154



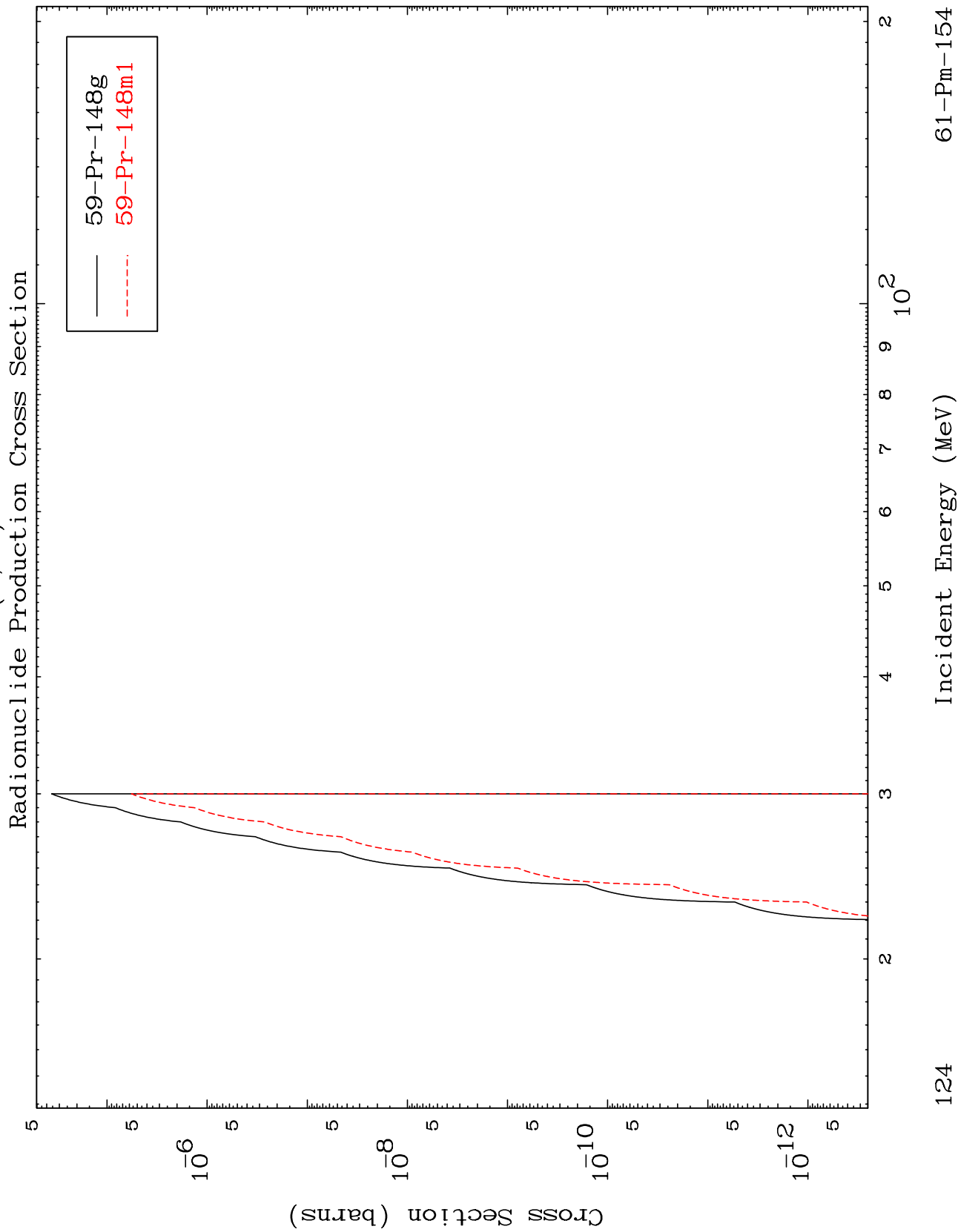
61-Pm-154g
61-Pm-154m1



MAT 6170

(n,3n) α

61-Pm-154



124

61-Pm-154