

Program EVALPLOT
(Version 2021-1)

by

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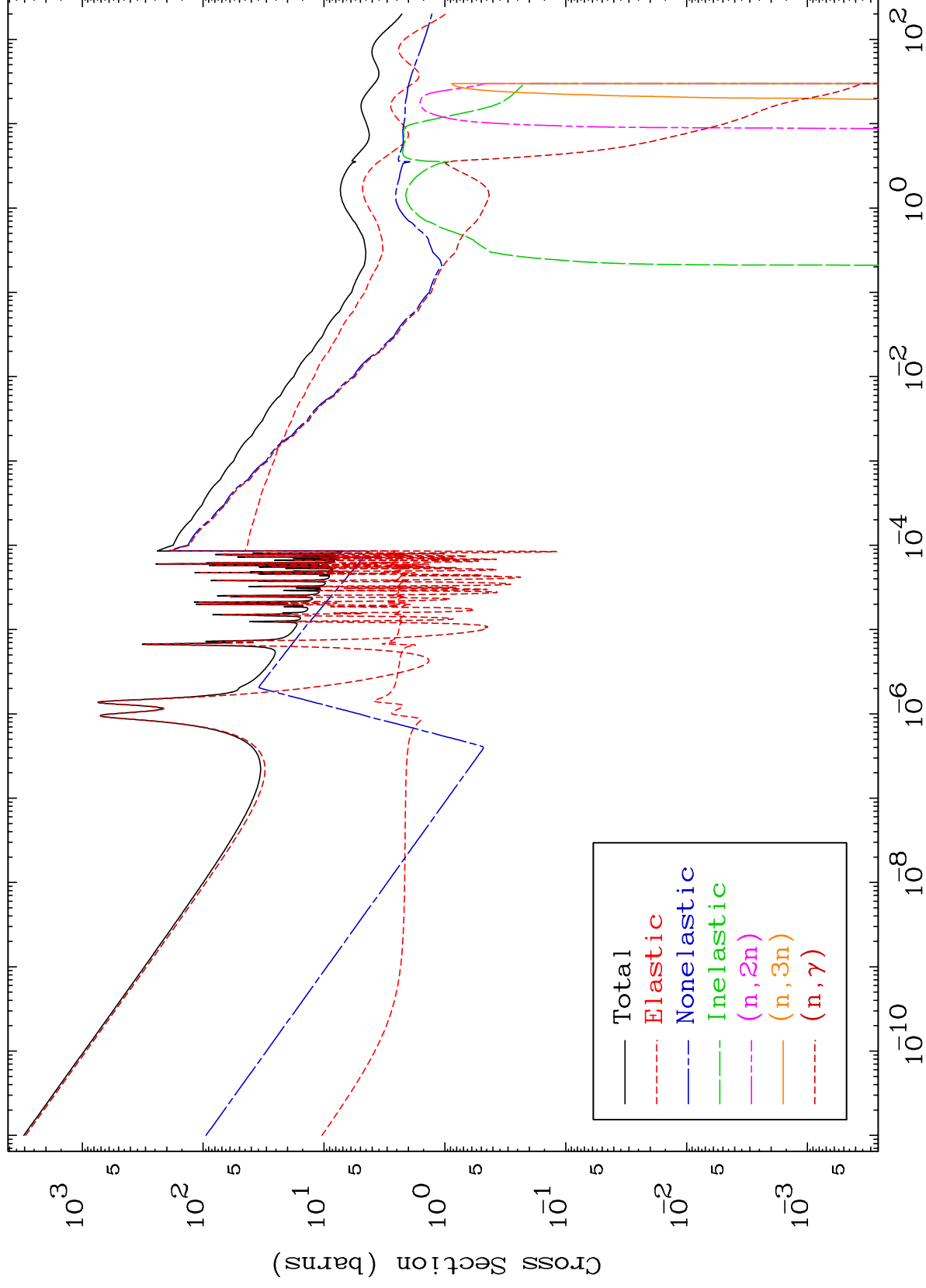
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

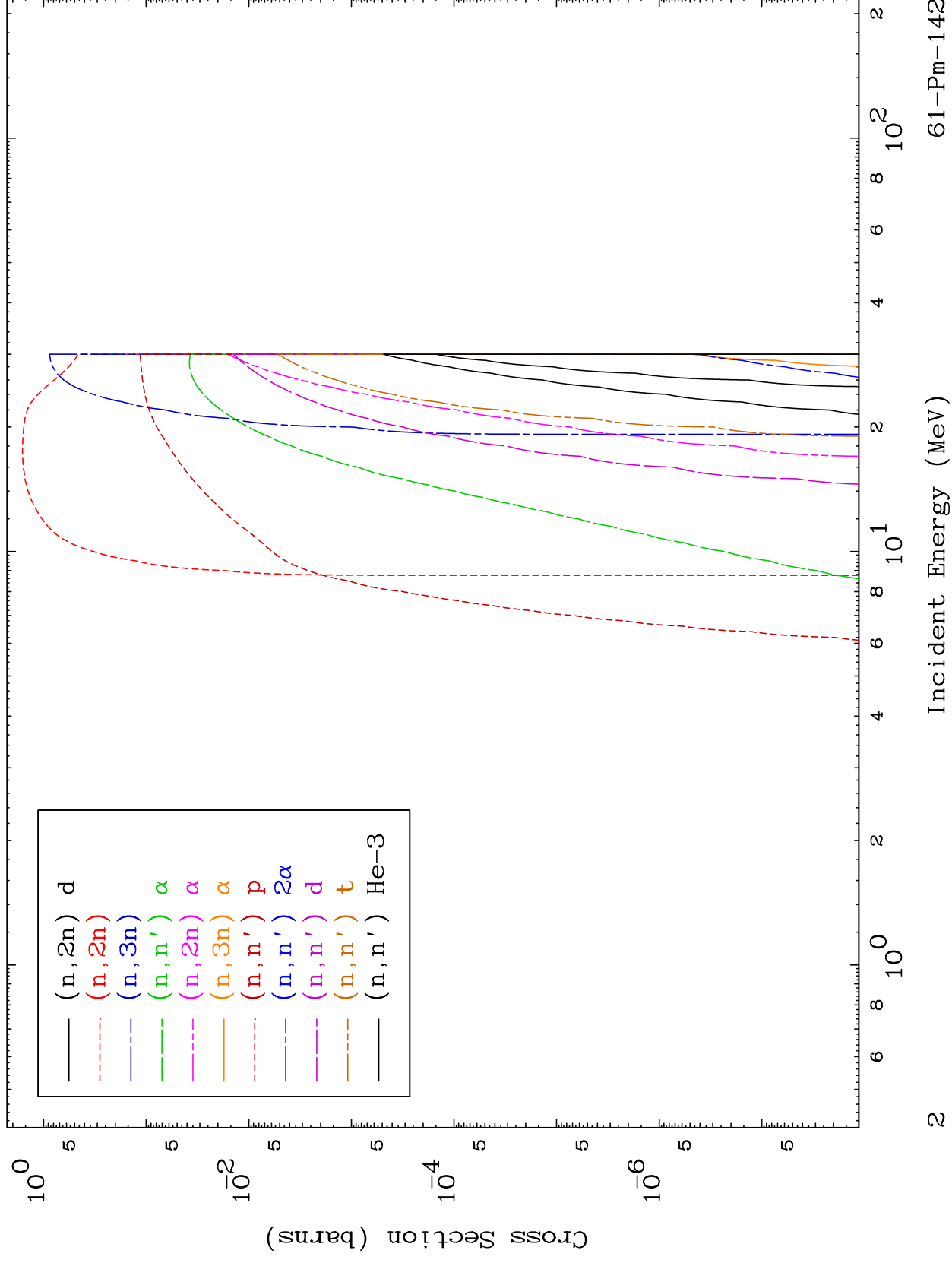
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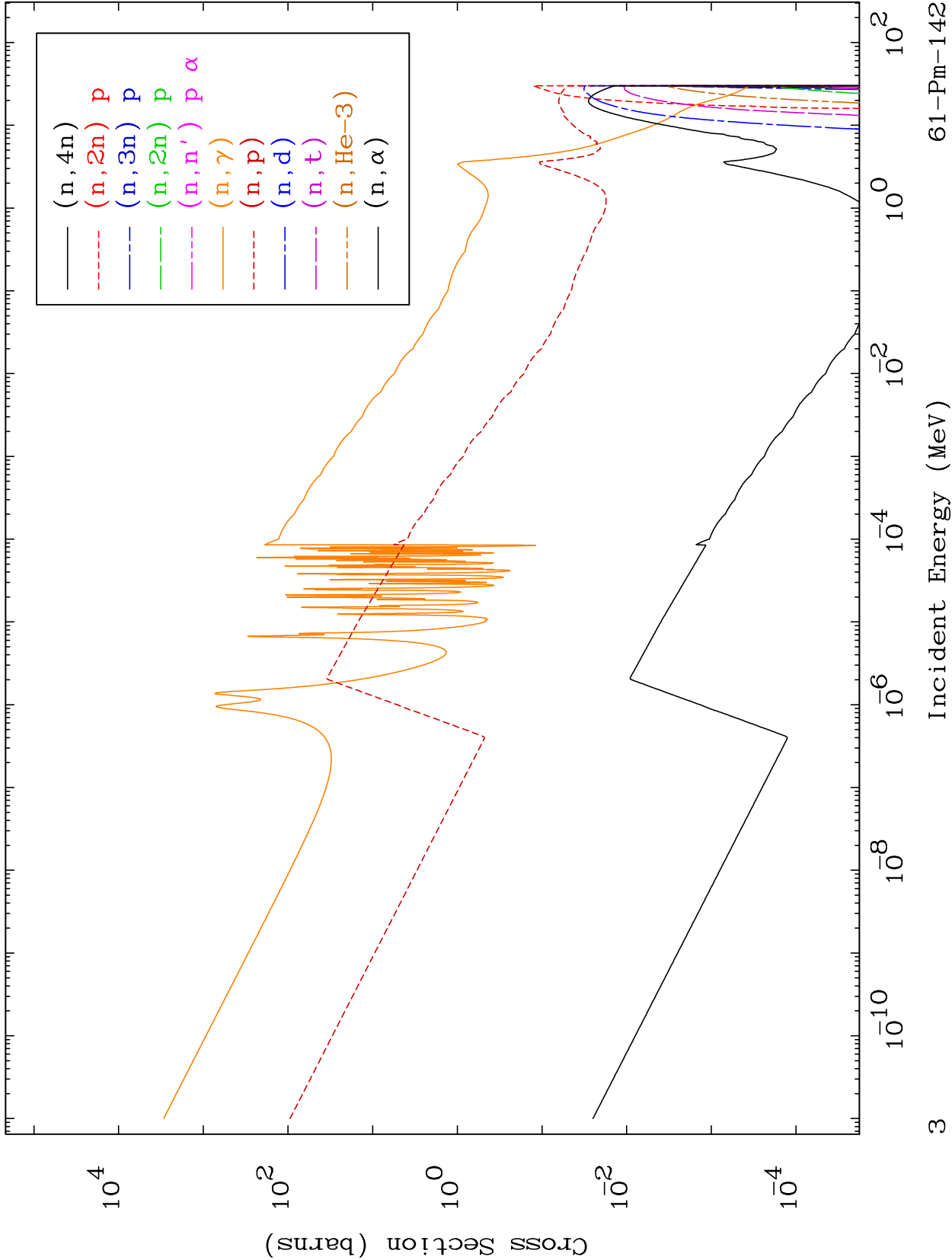
MAT 6134

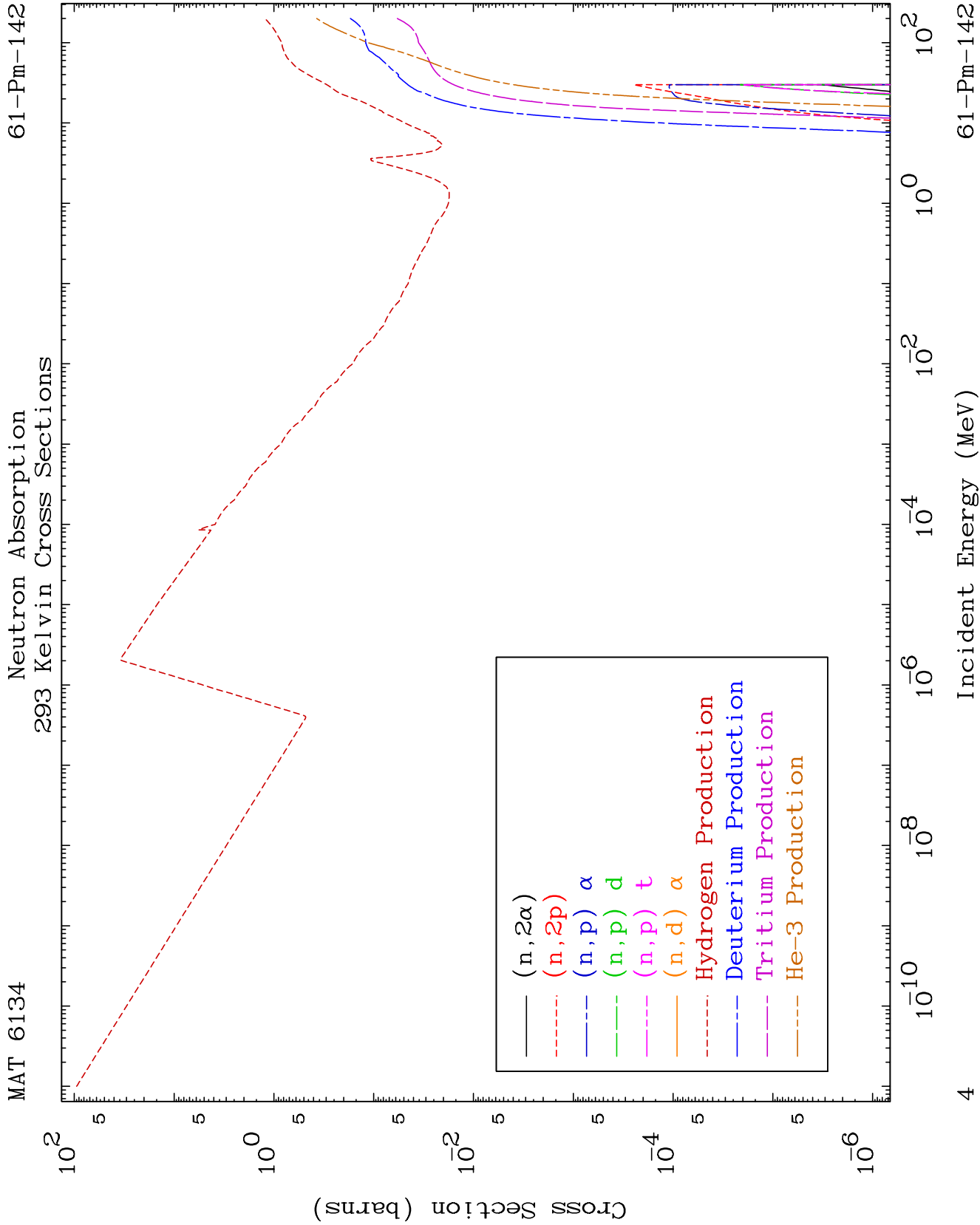
Neutron Major
293 Kelvin Cross Sections

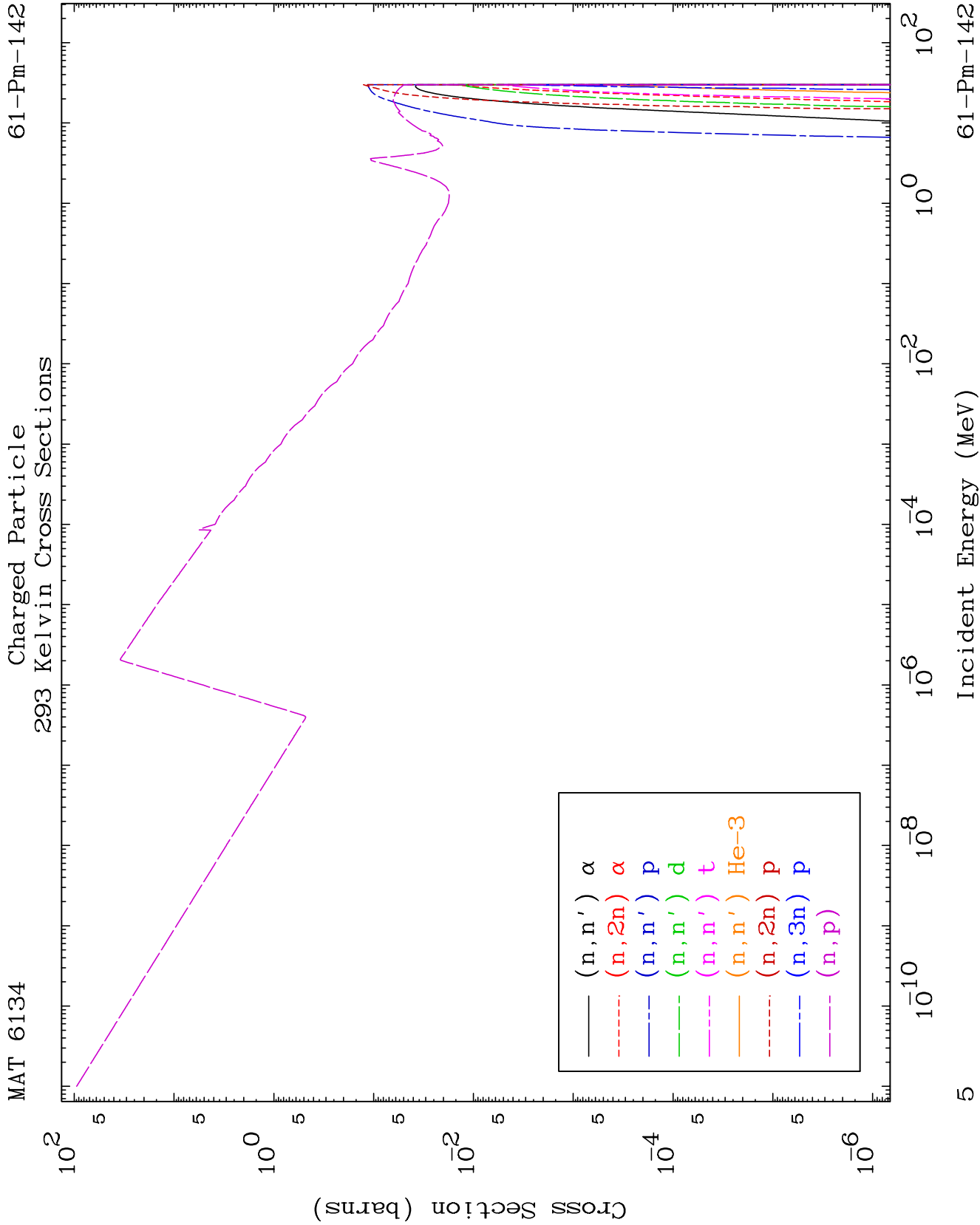
61-Pm-142

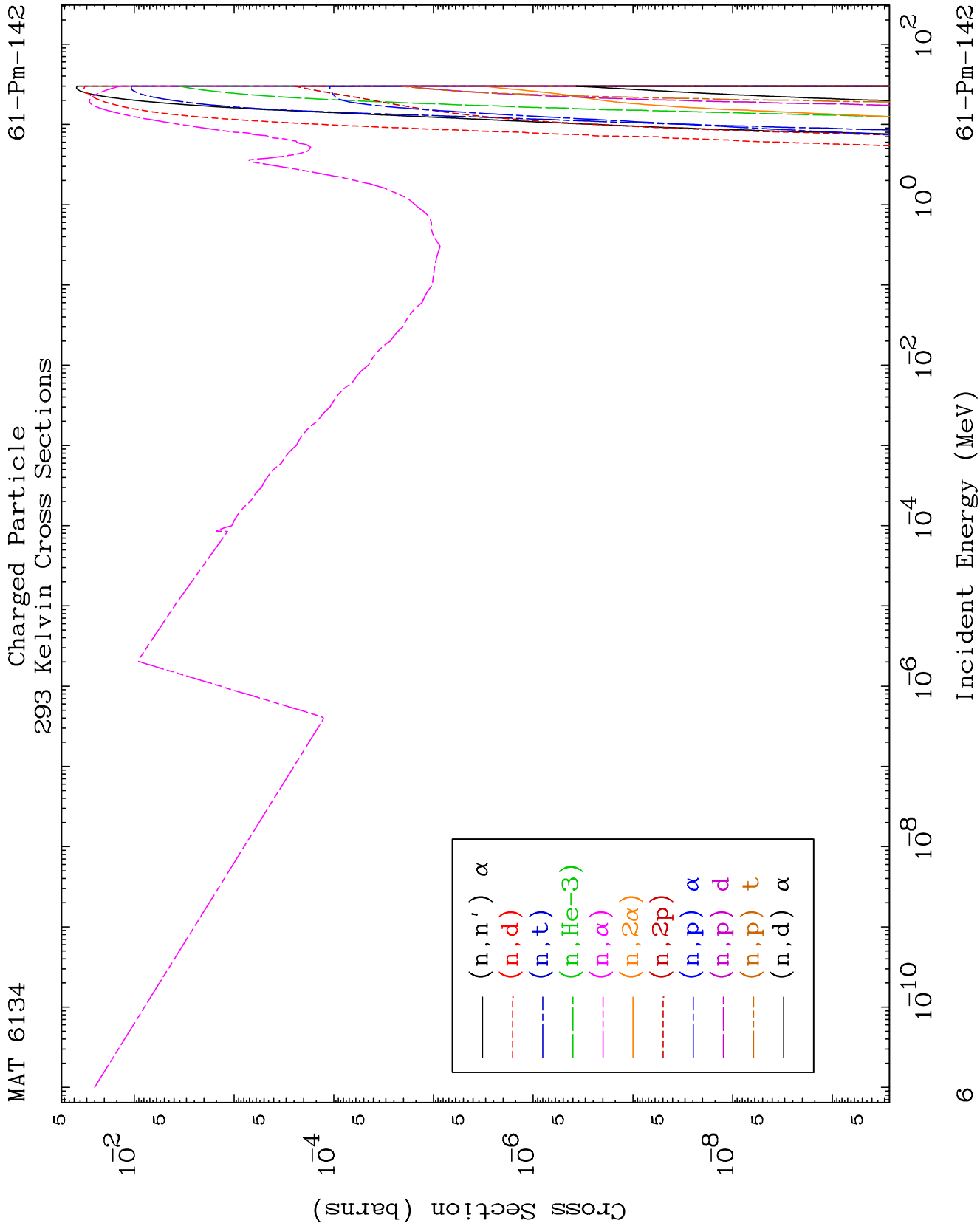


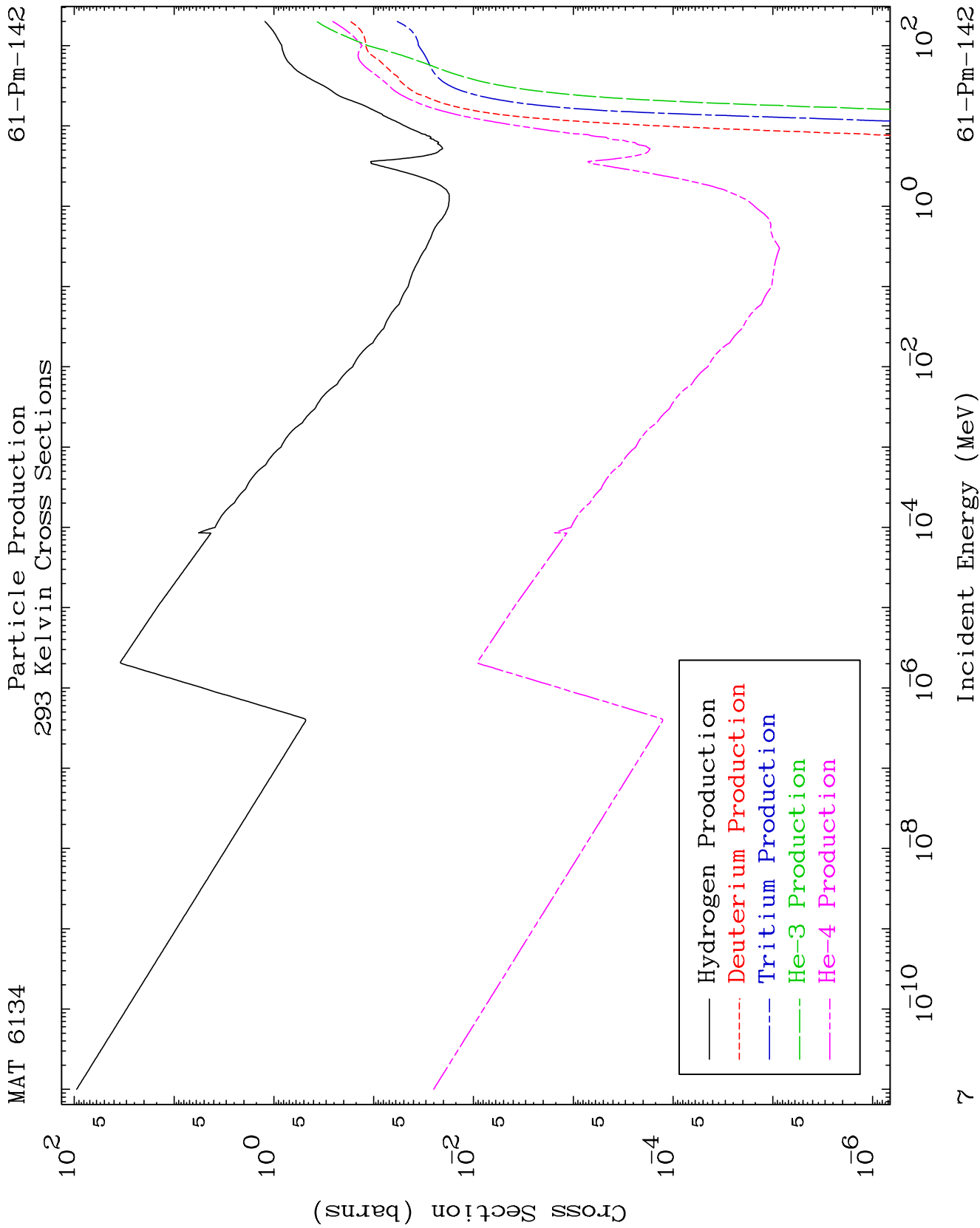










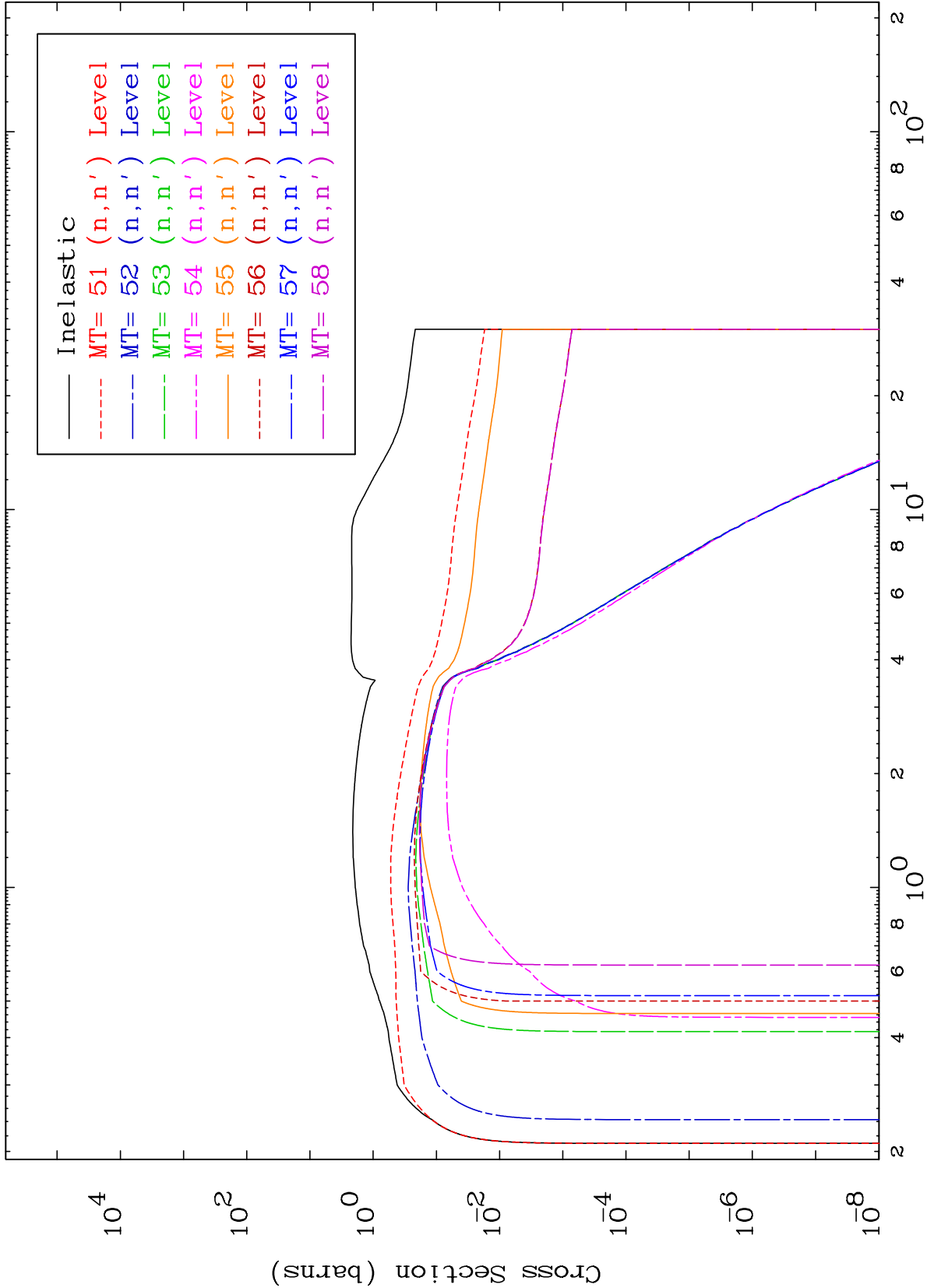


MAT 6134

(n,n') Levels

61-Pm-142

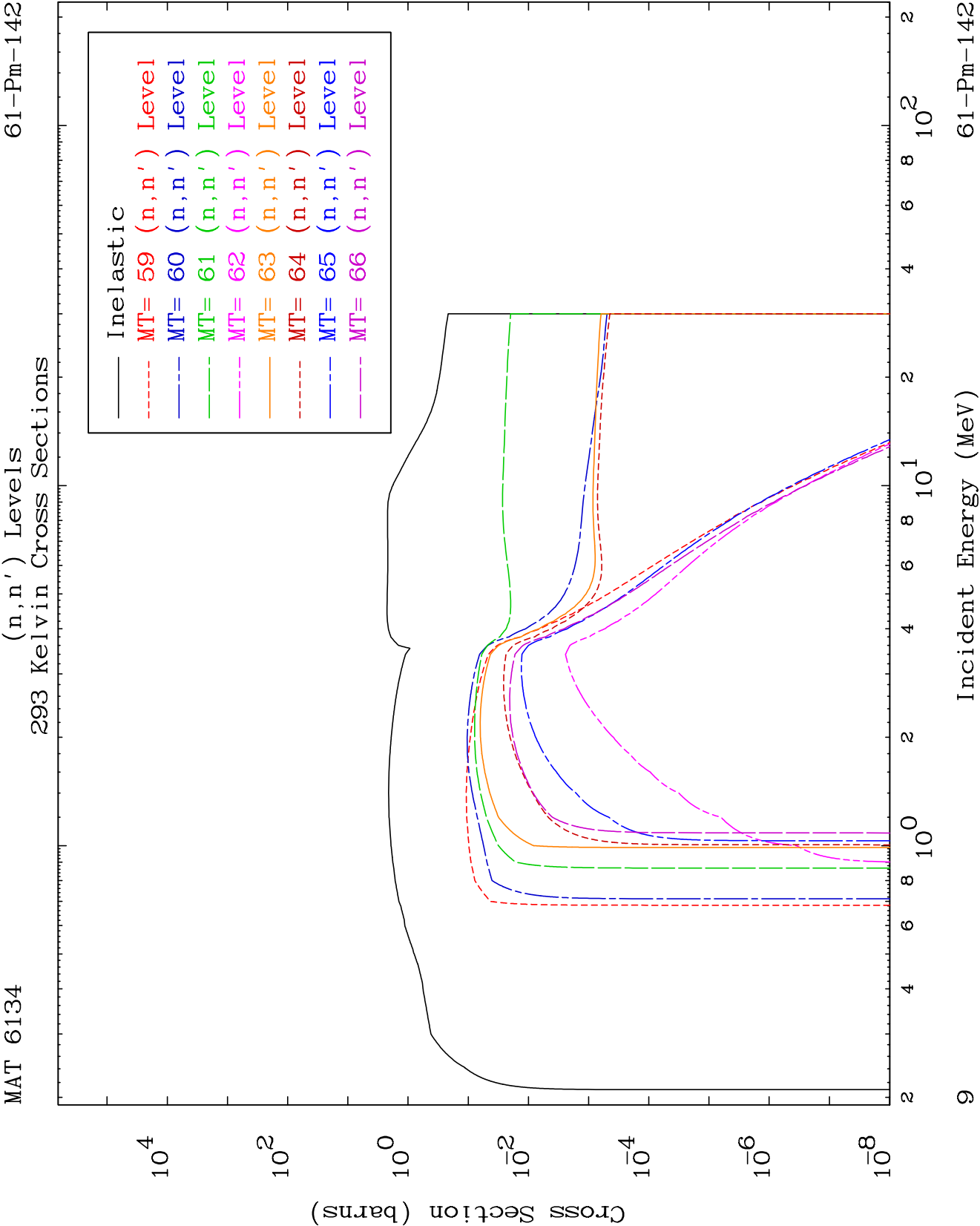
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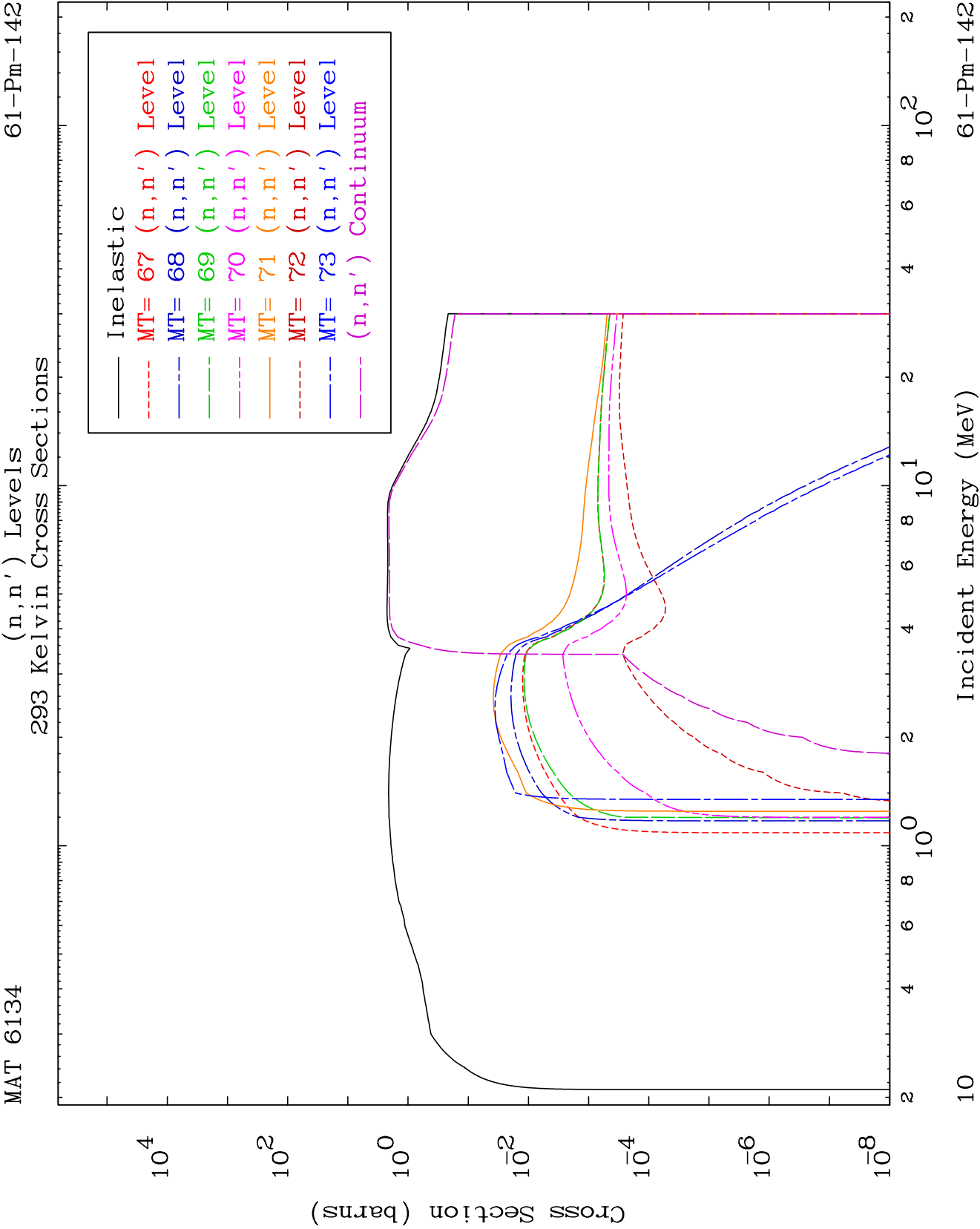


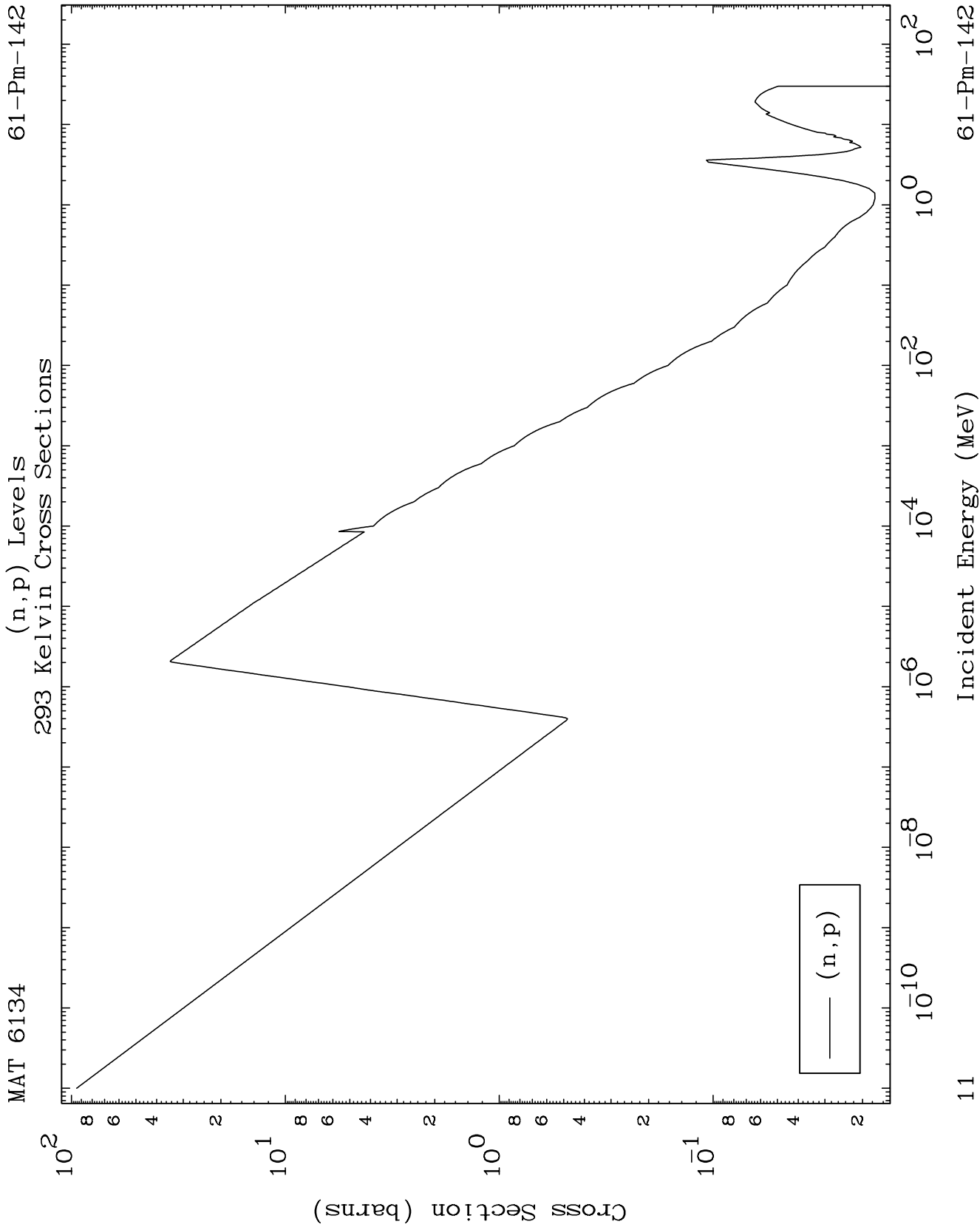
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Incident Energy (MeV)

61-Pm-142



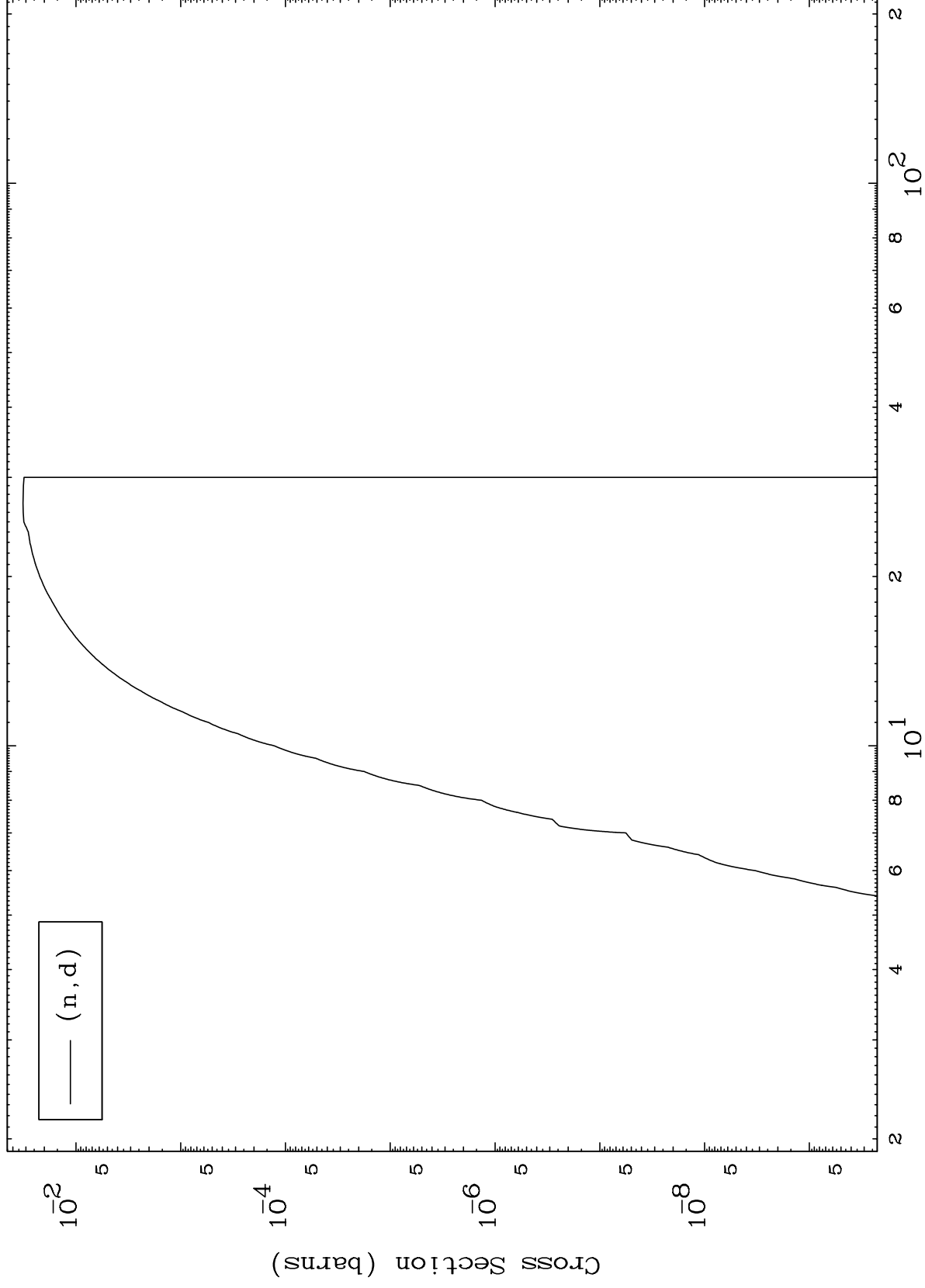


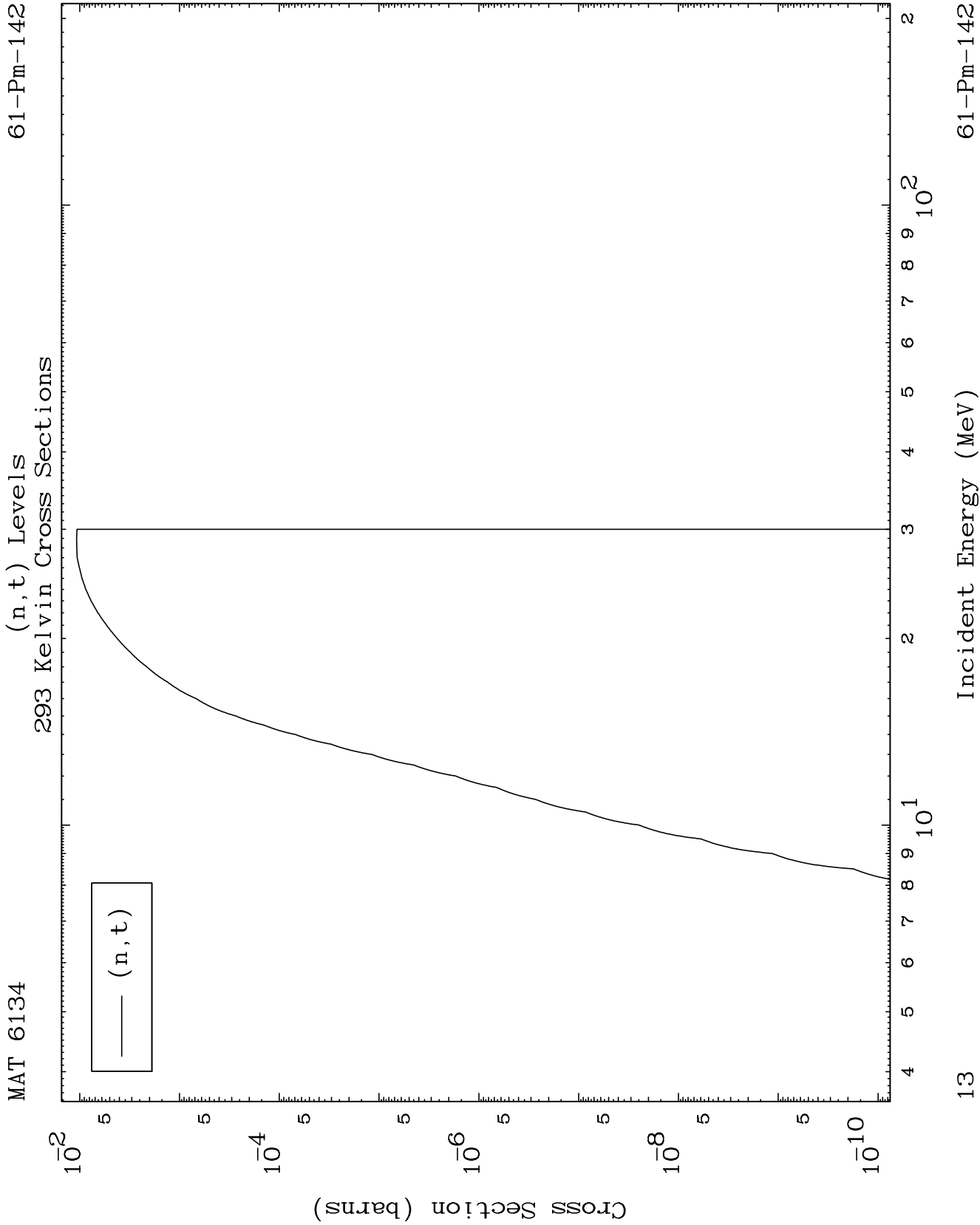


MAT 6134

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-142

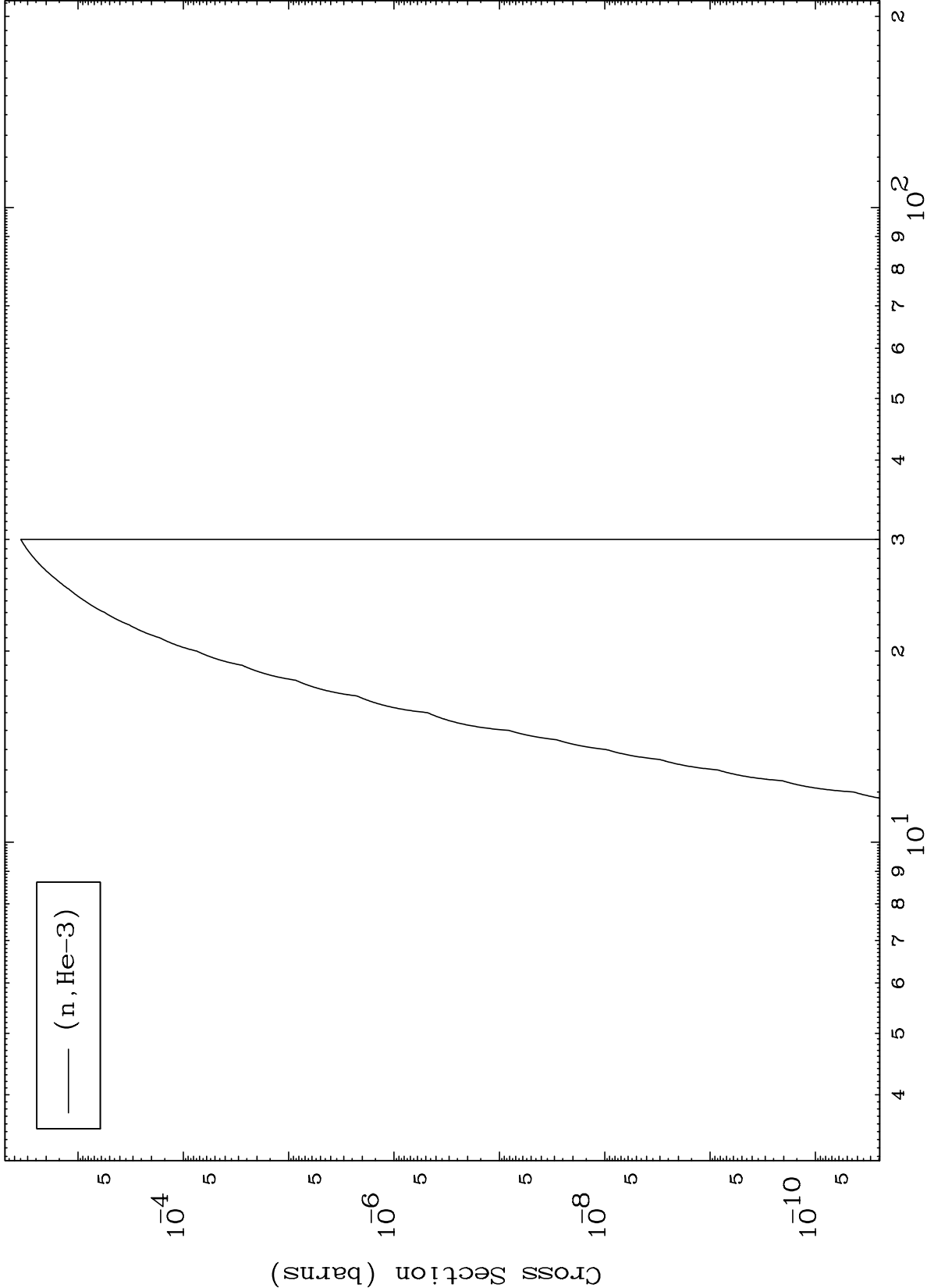




MAT 6134

(n,He3) Levels
293 Kelvin Cross Sections

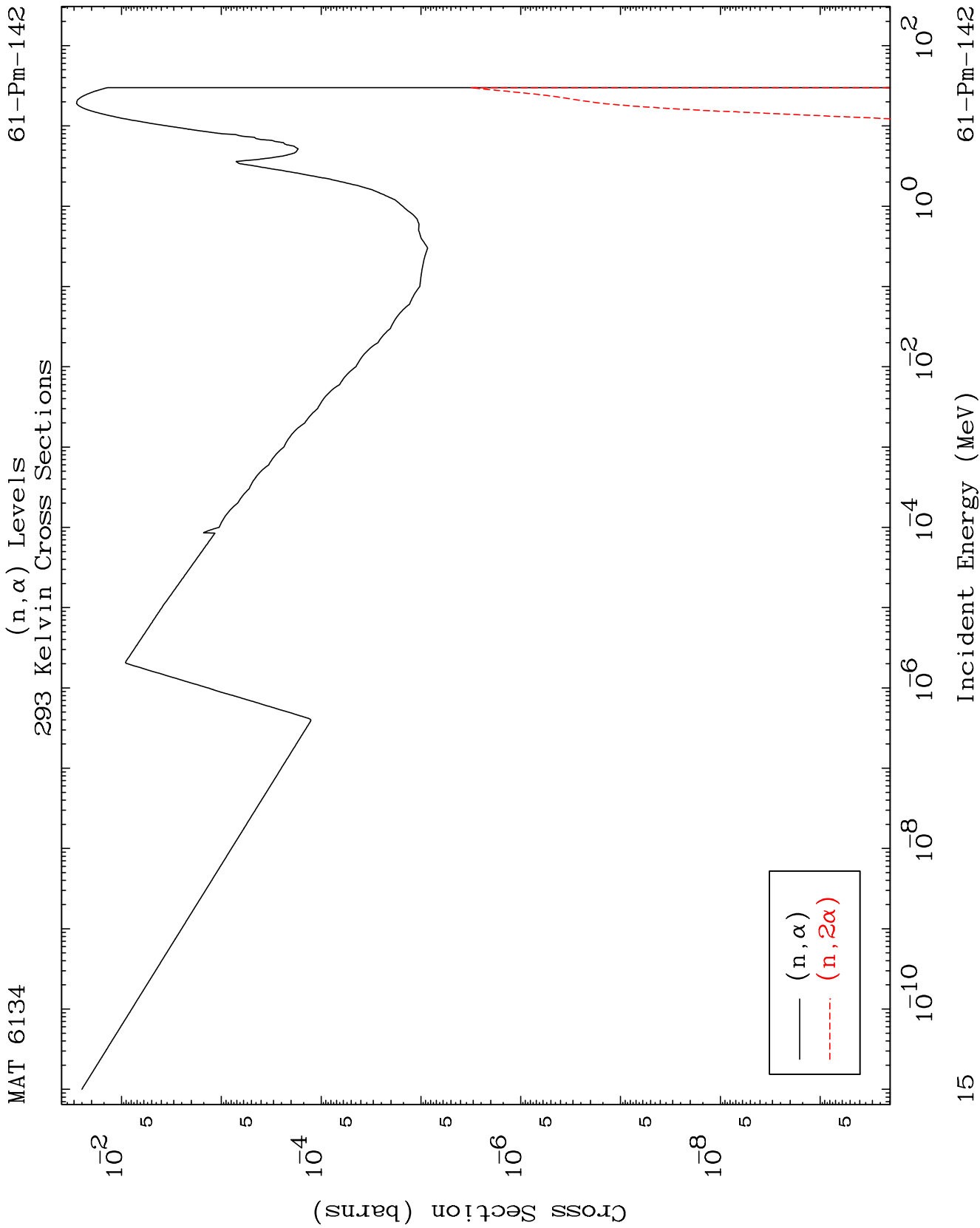
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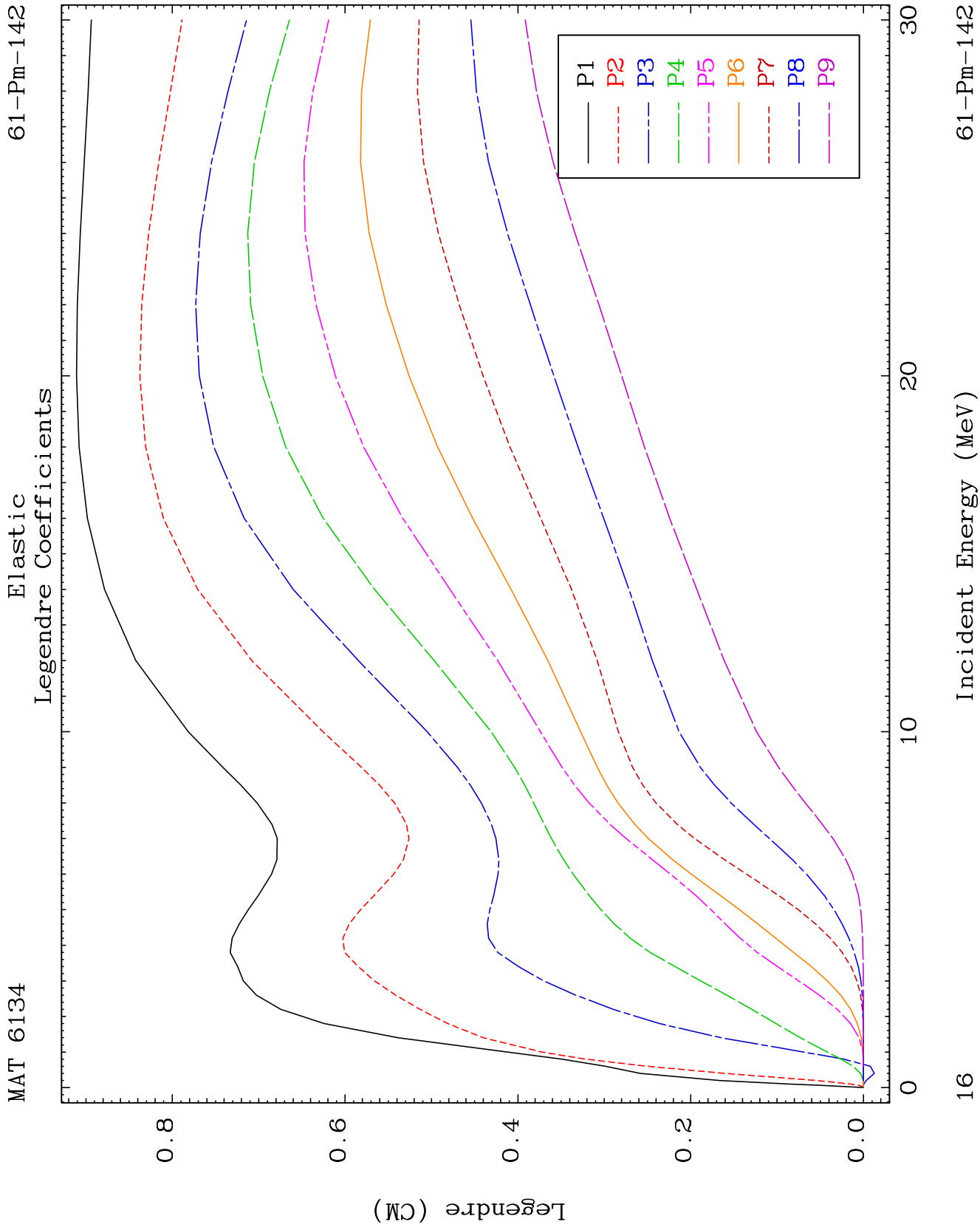


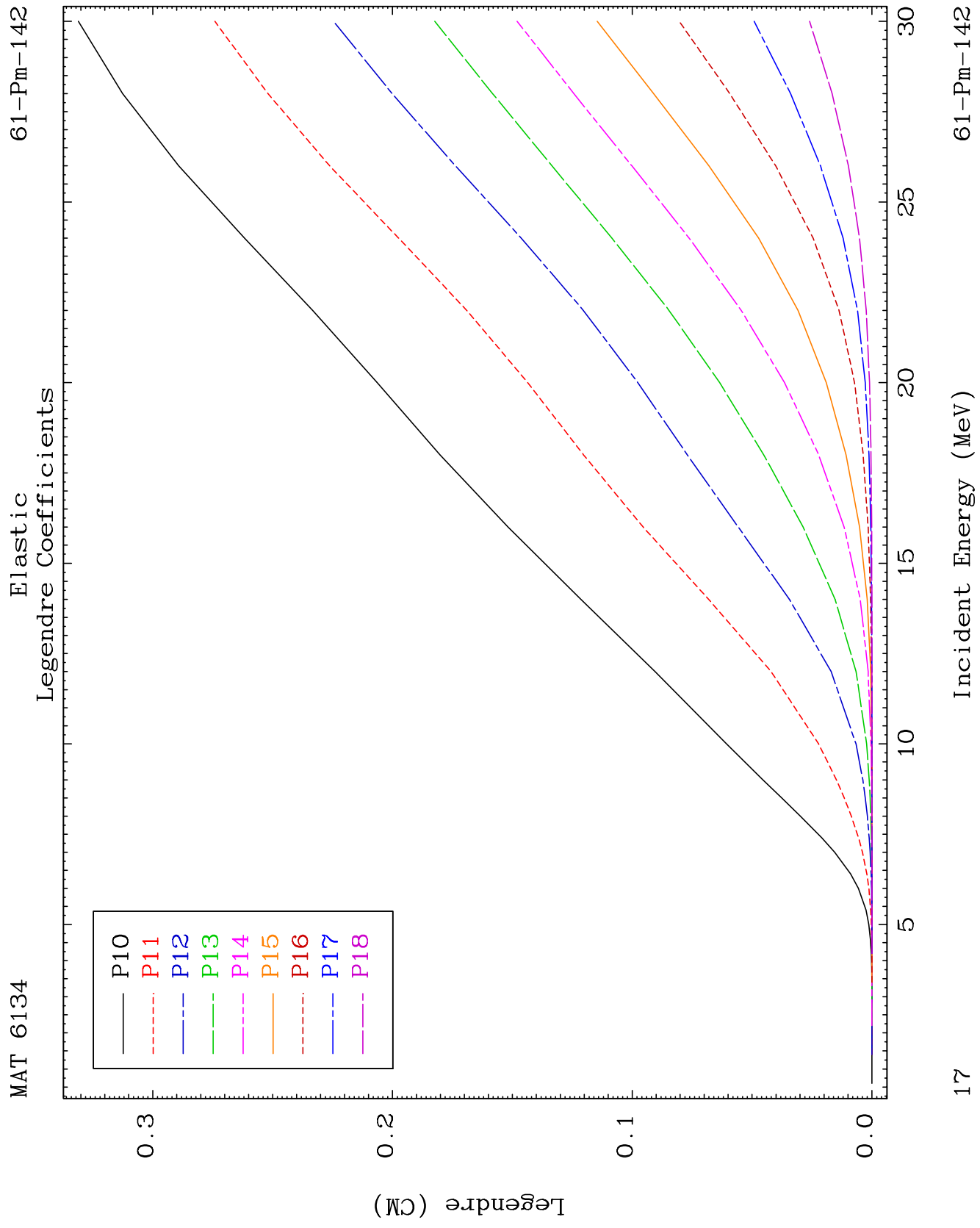
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Incident Energy (MeV)

61-Pm-142



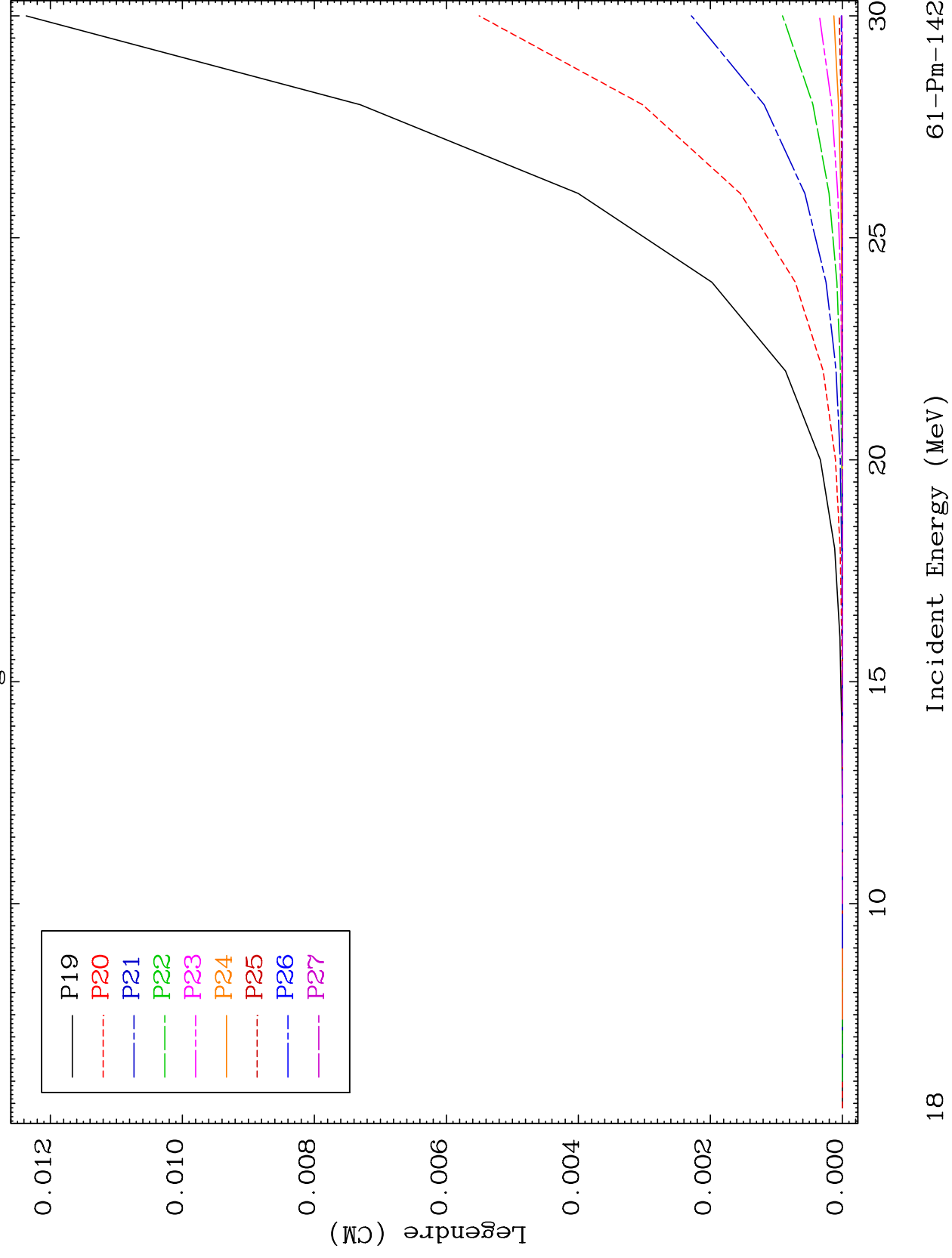




MAT 6134

Elastic Legendre Coefficients

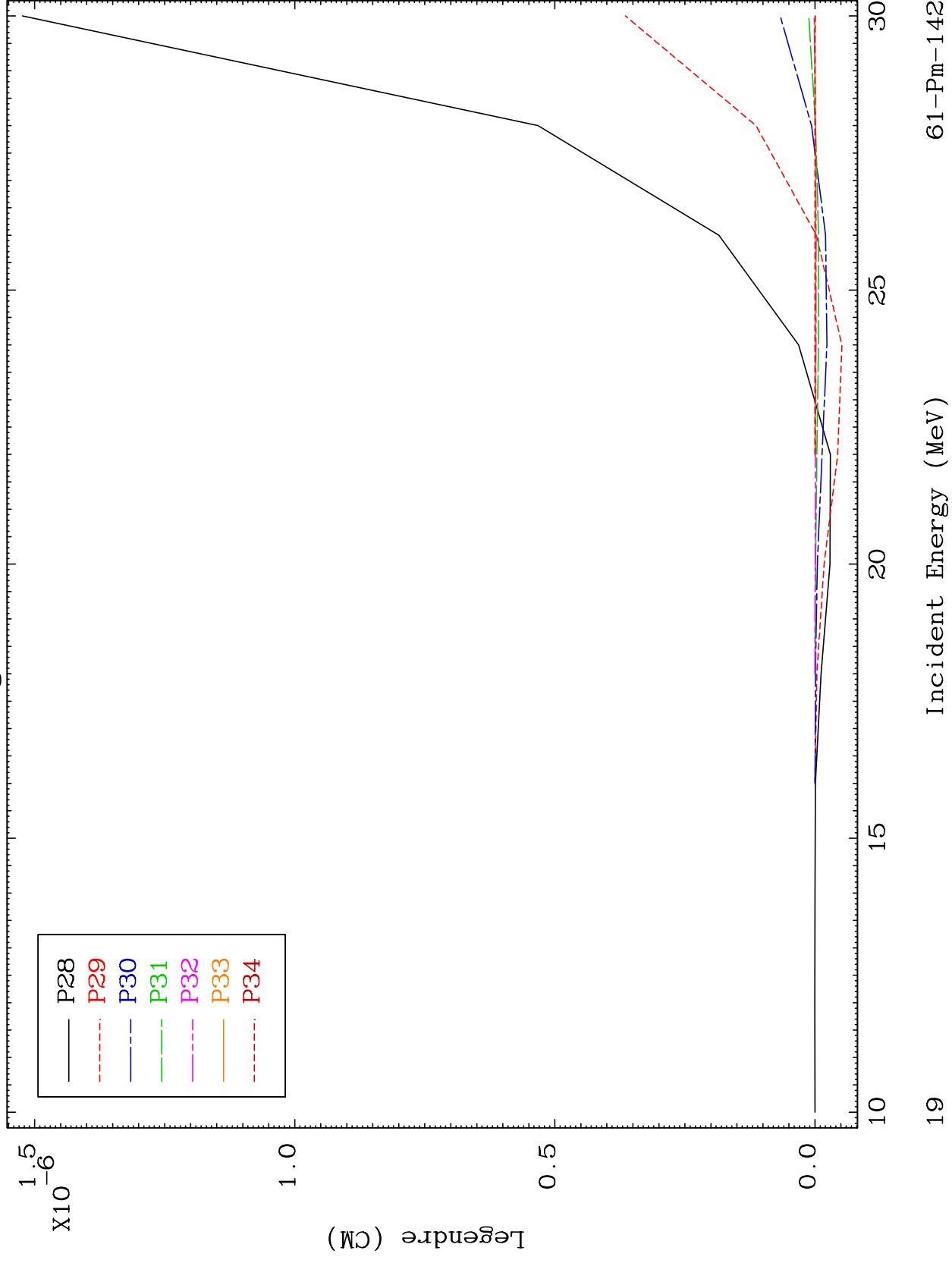
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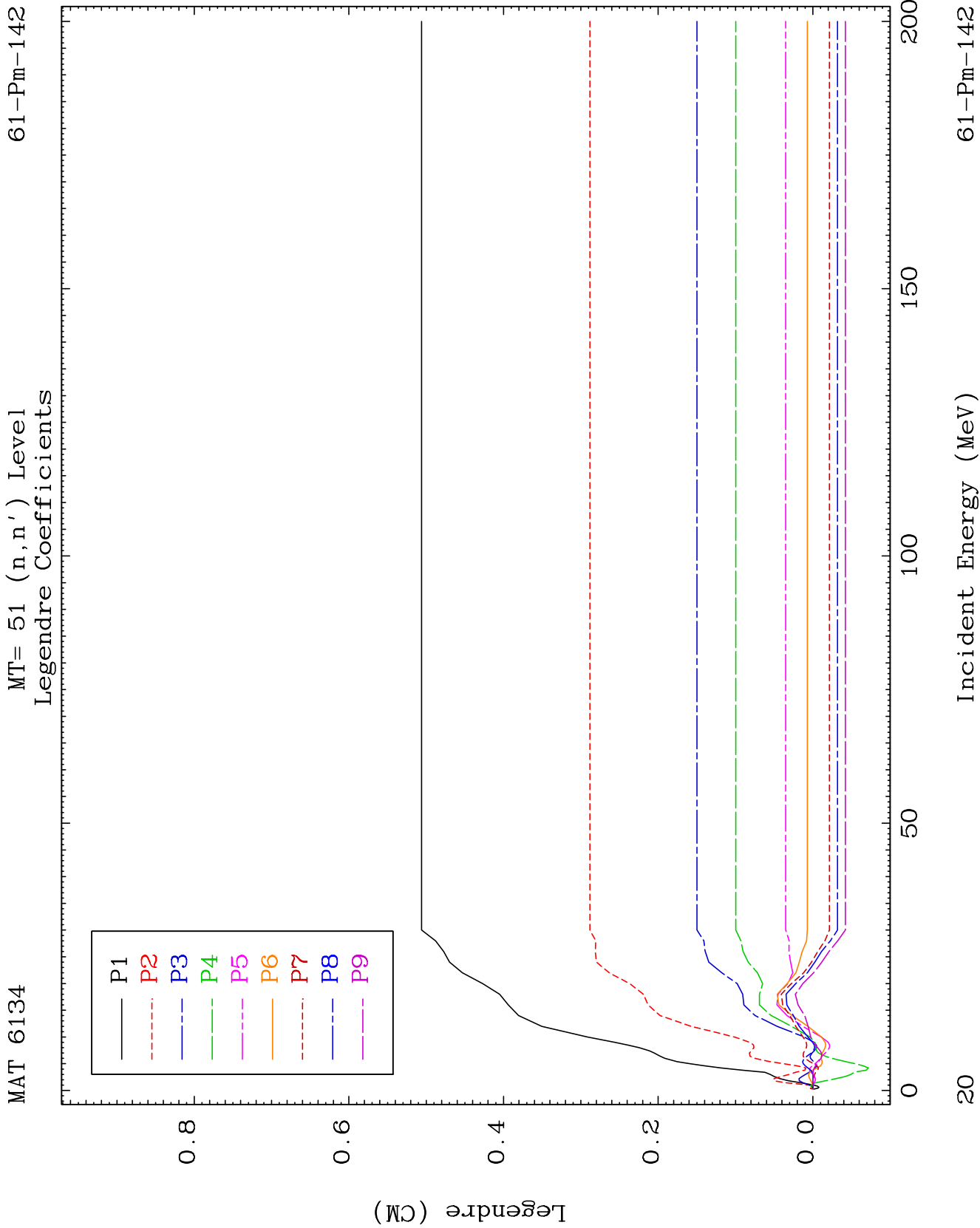


MAT 6134

Elastic Legendre Coefficients

61-Pm-142

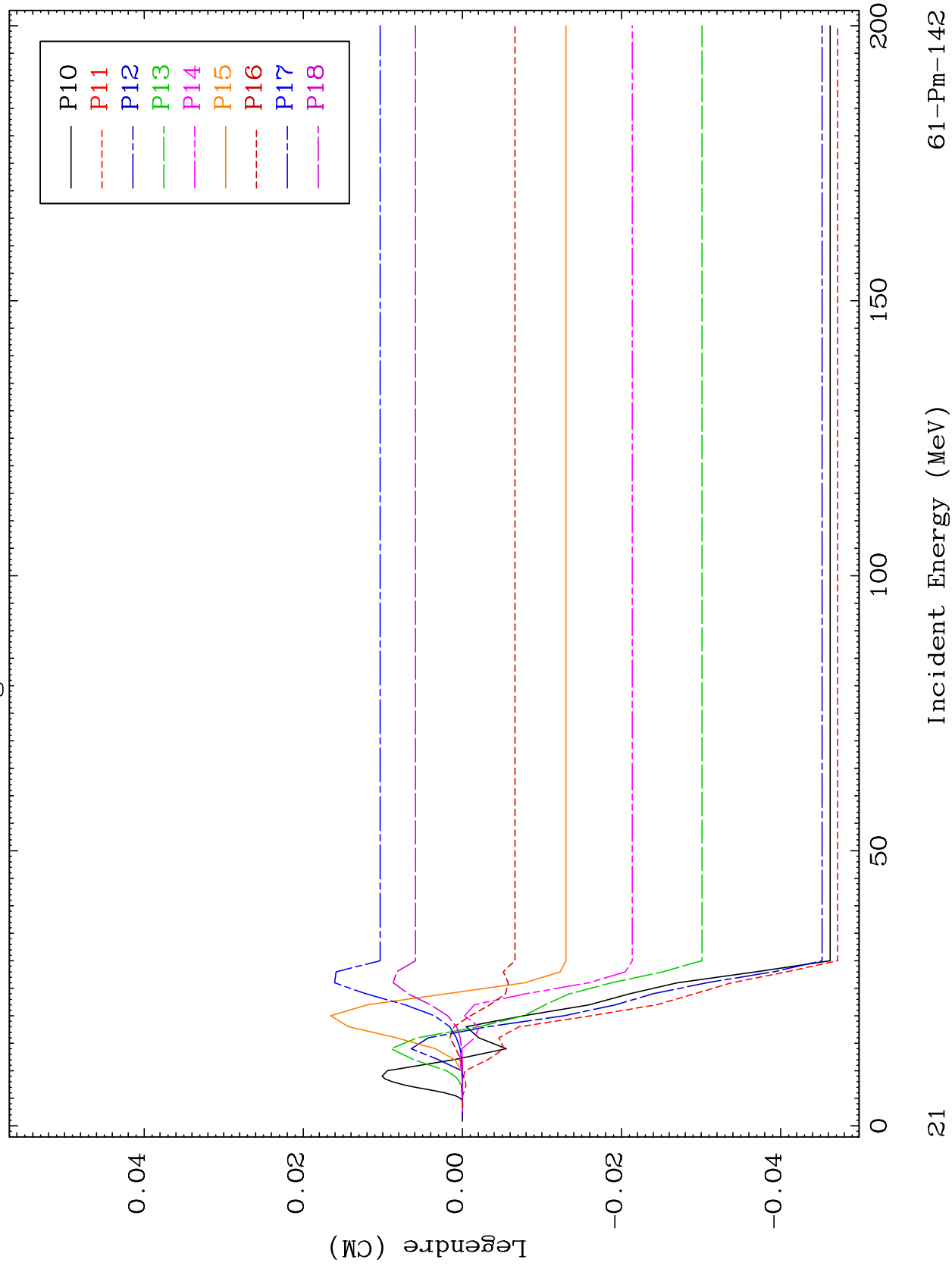


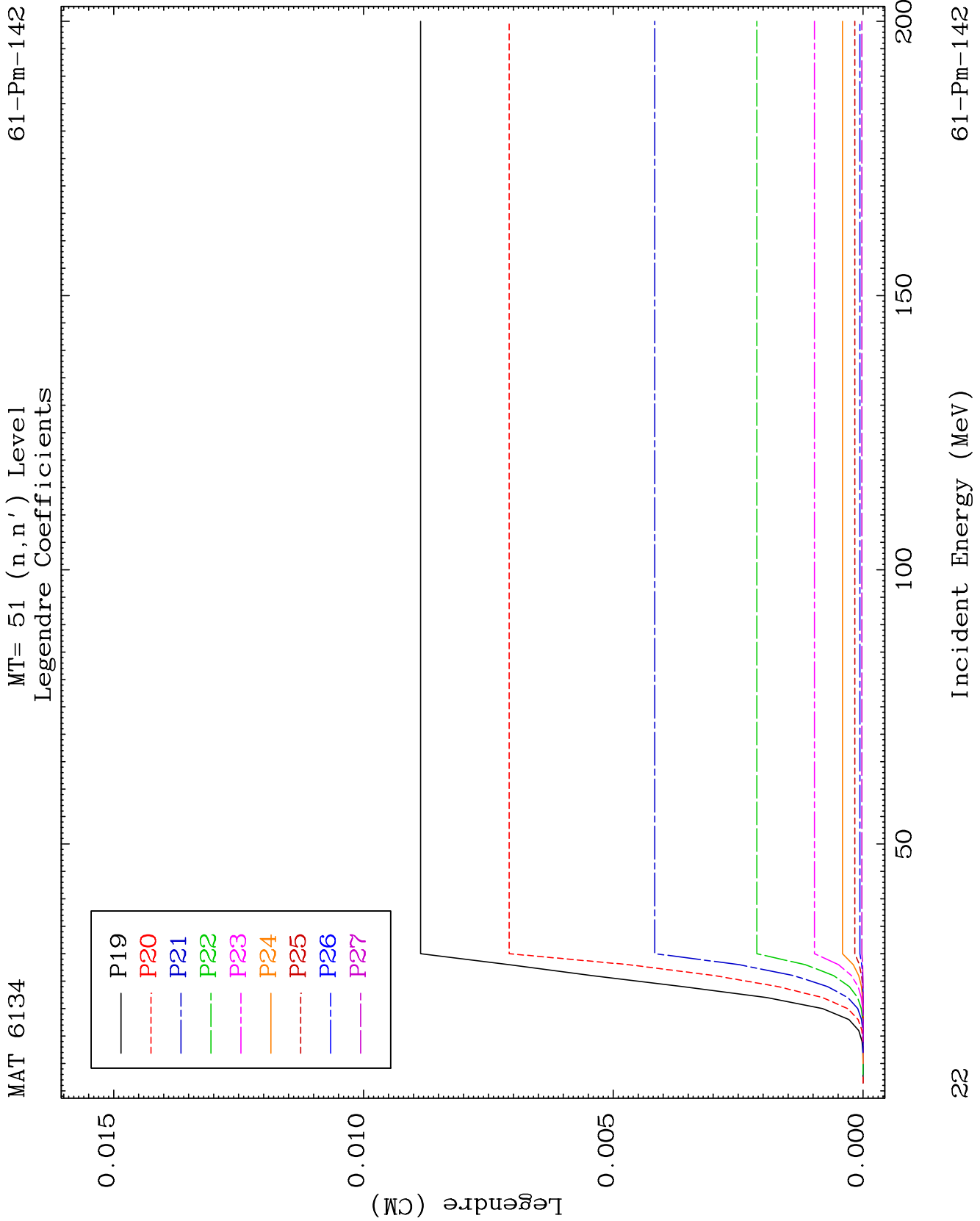


MAT 6134

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

61-Pm-142

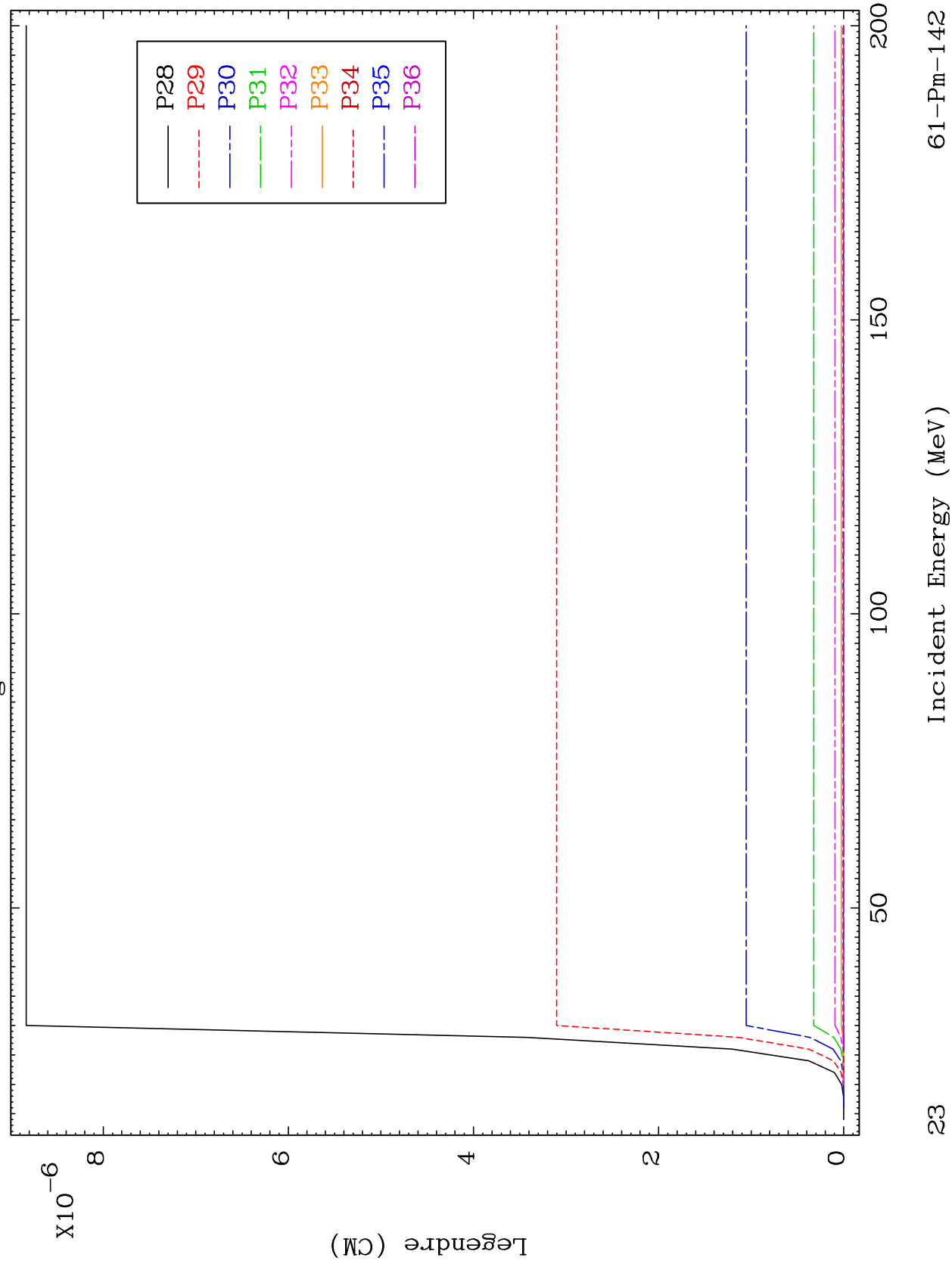




MAT 6134

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

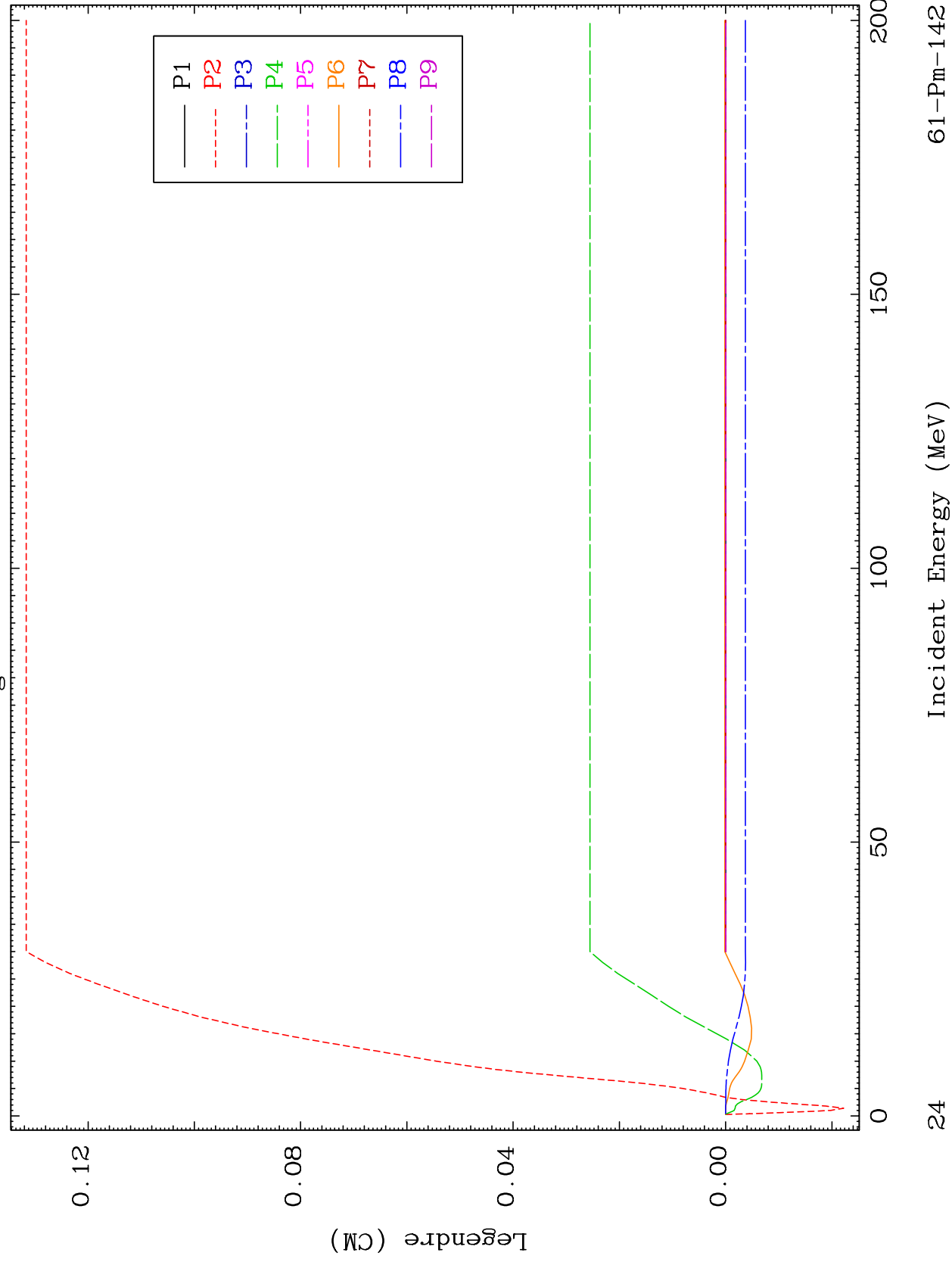
61-Pm-142



MAT 6134

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

61-Pm-142

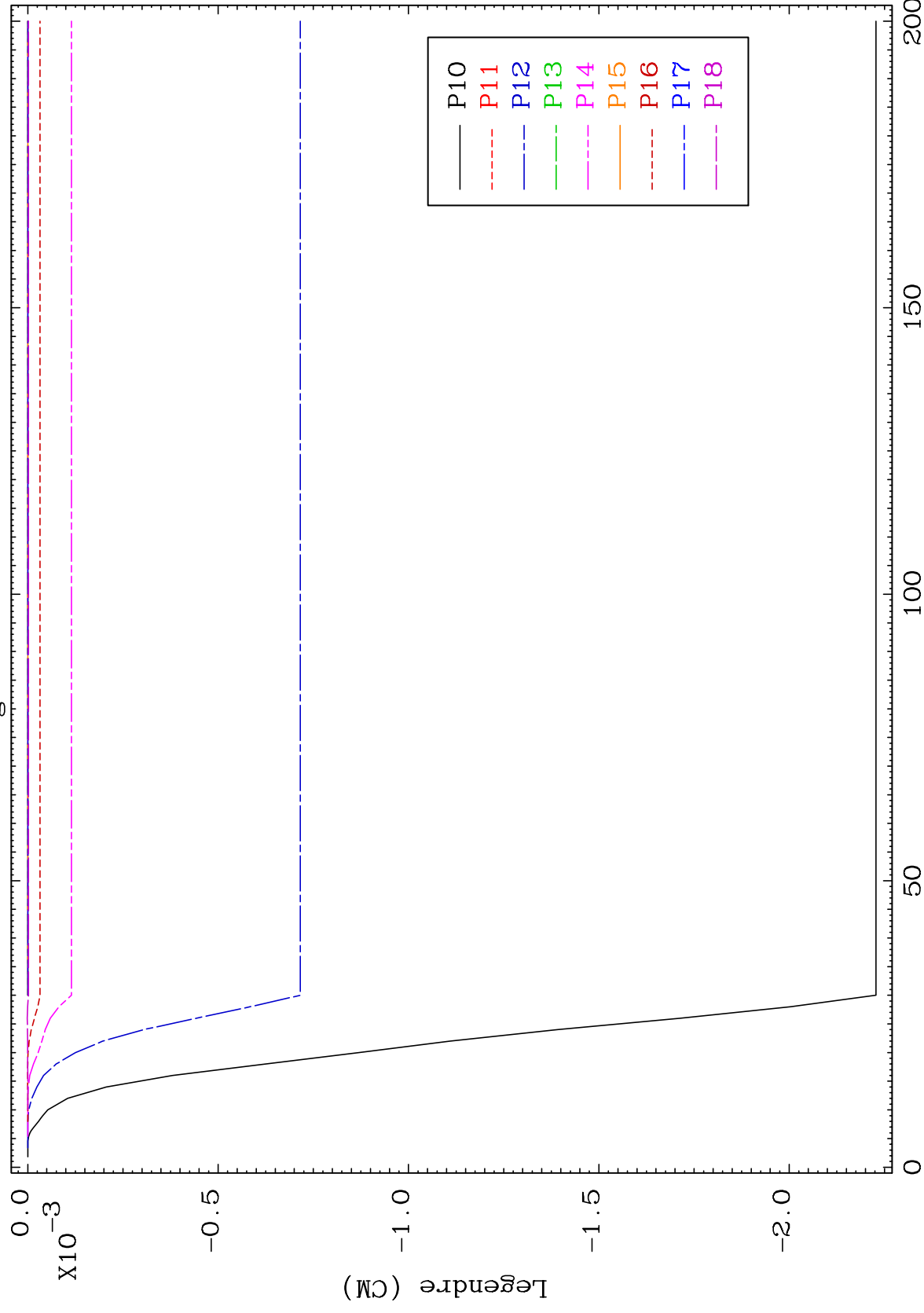


MAT 6134

MT=52 (n,n') Level

61-Pm-142

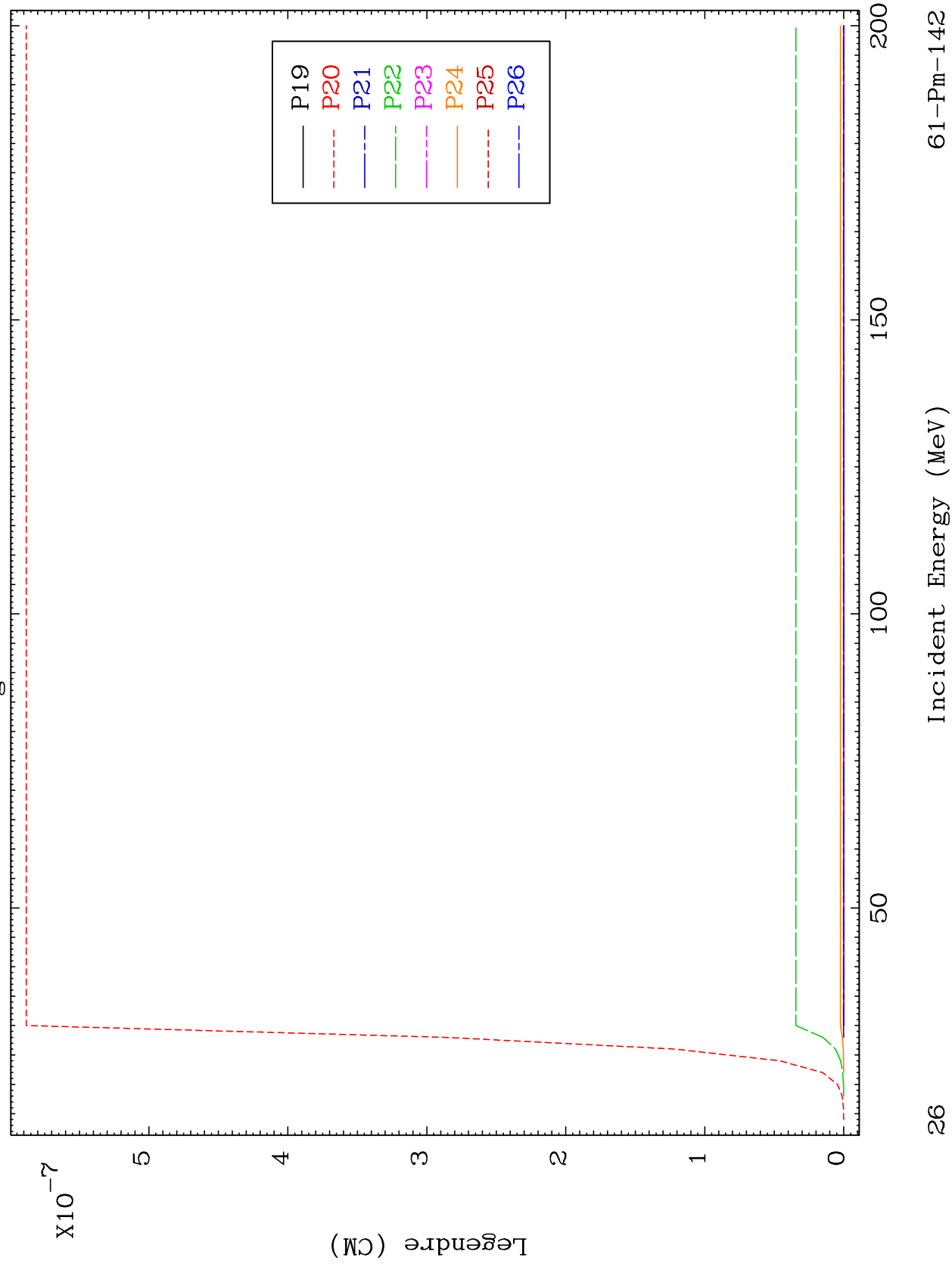
Legendre Coefficients



MAT 6134

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

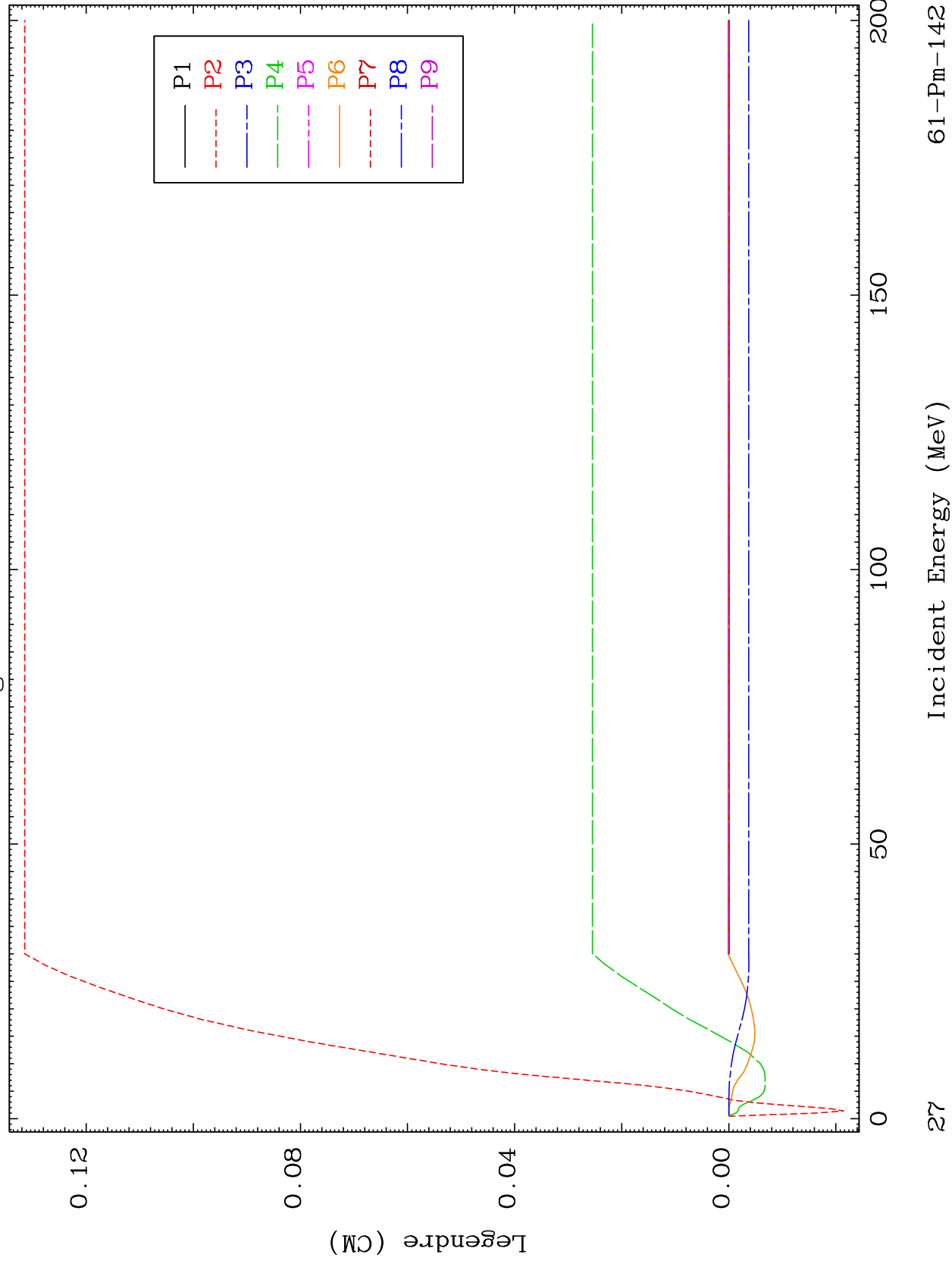
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MAT 6134

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

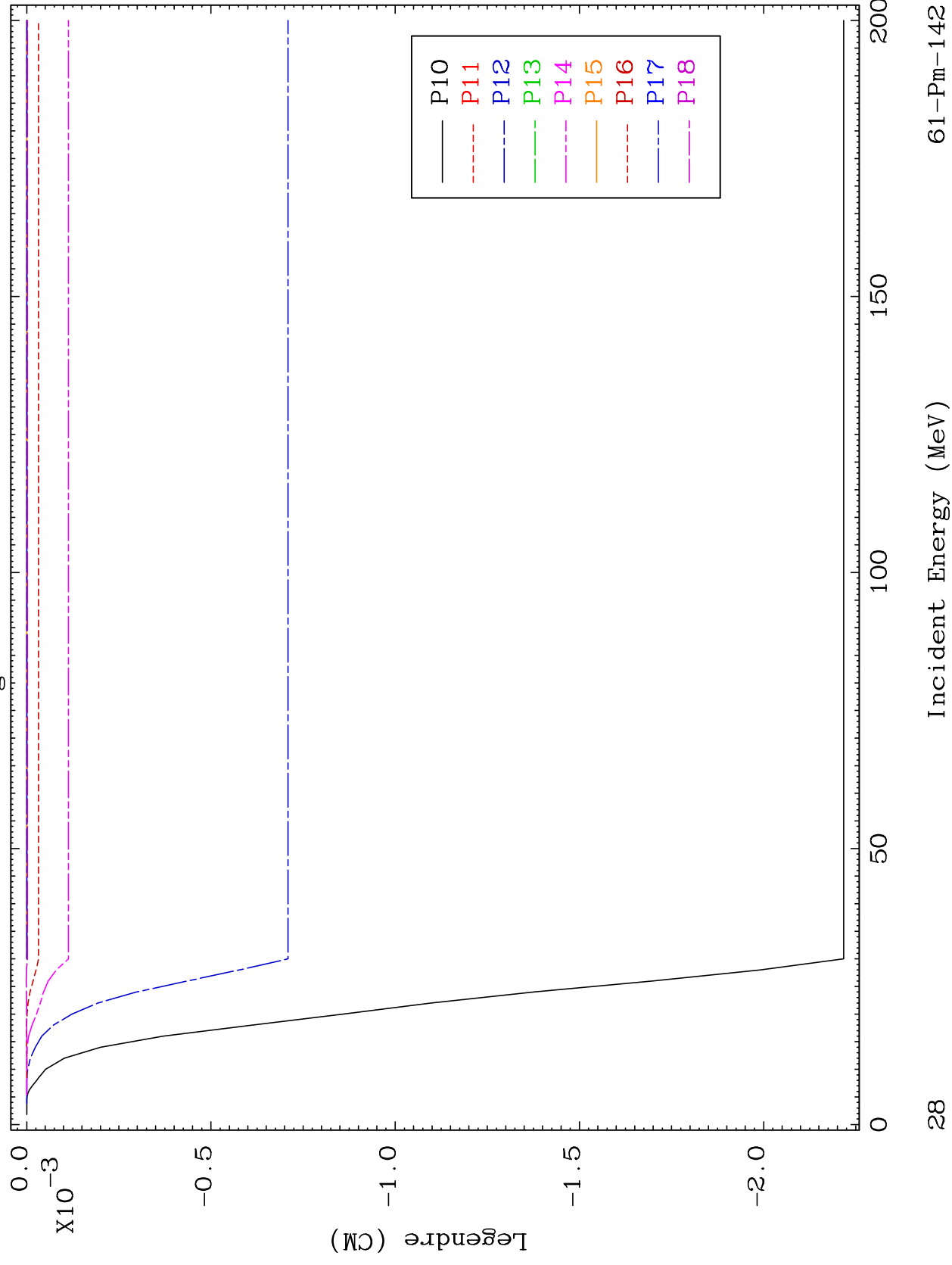
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MAT 6134

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

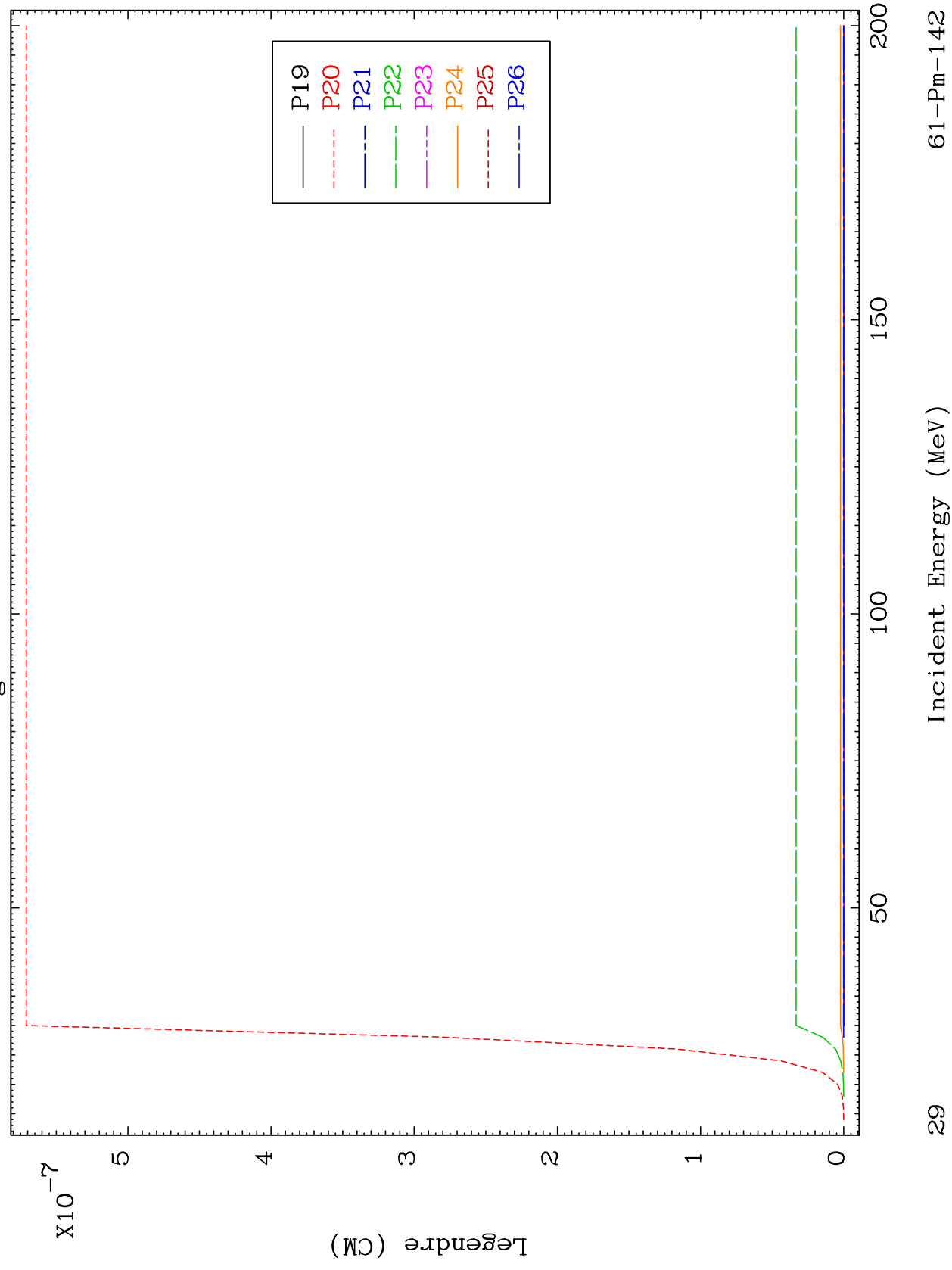
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MAT 6134

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

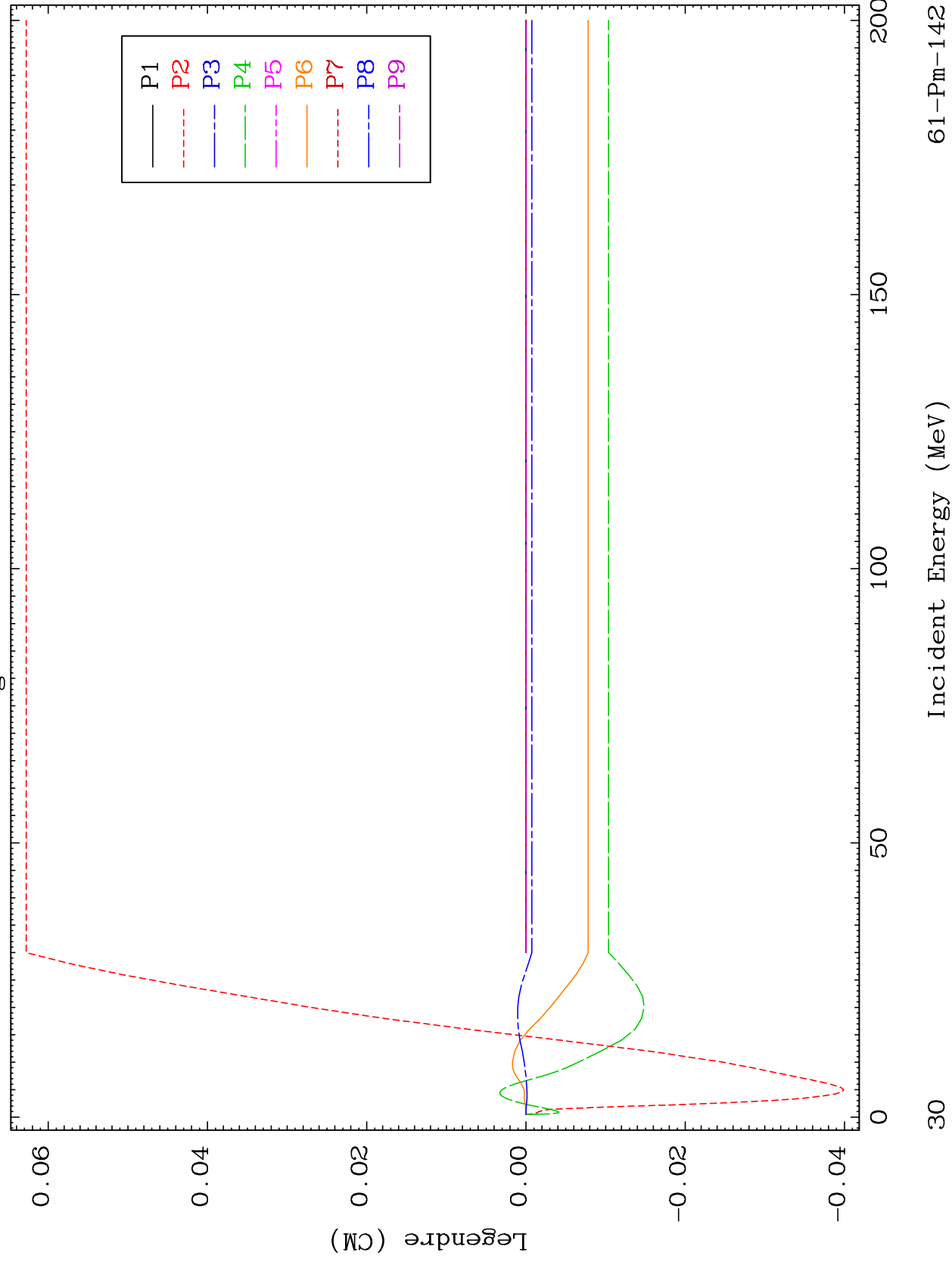
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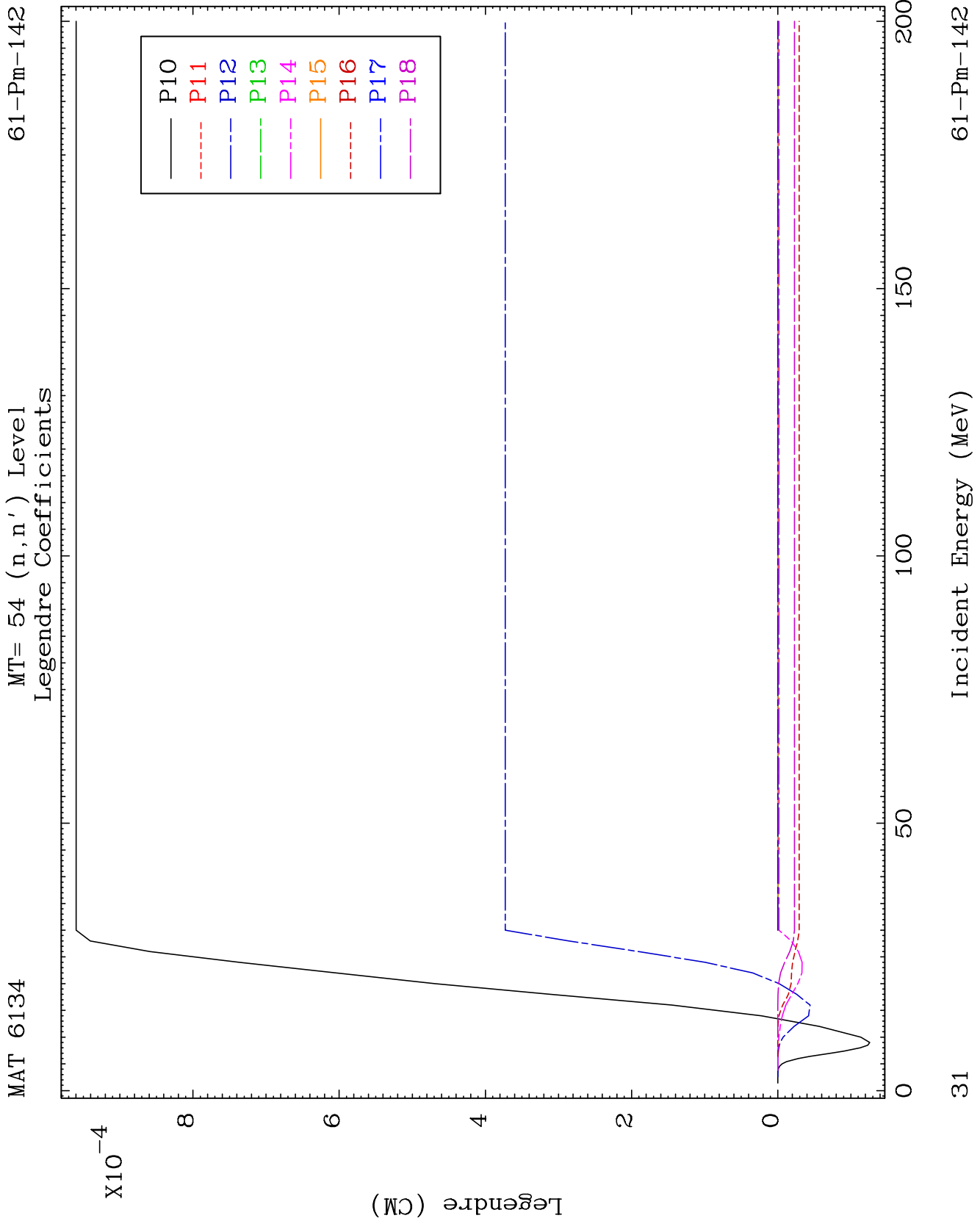


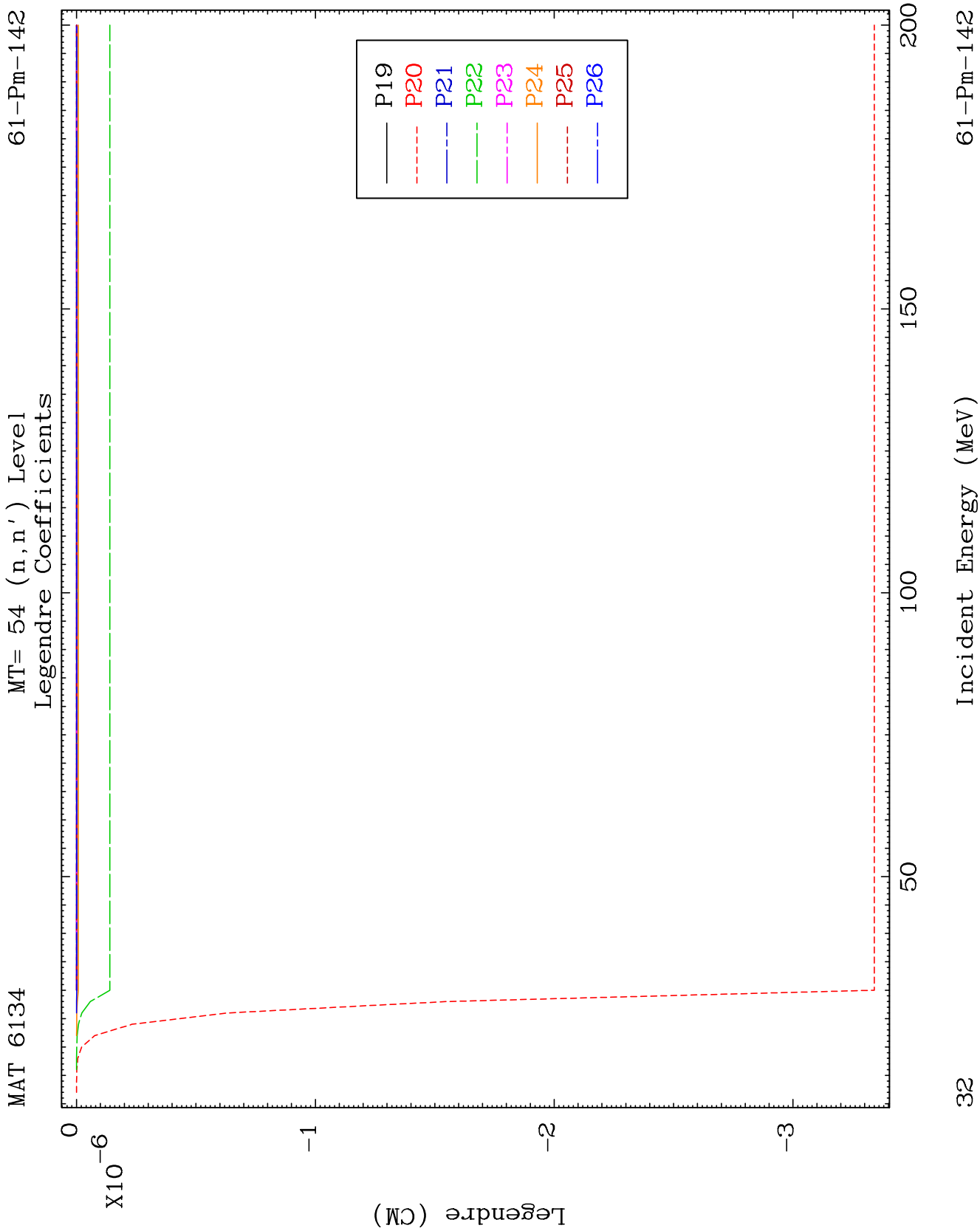
MAT 6134

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

61-Pm-142



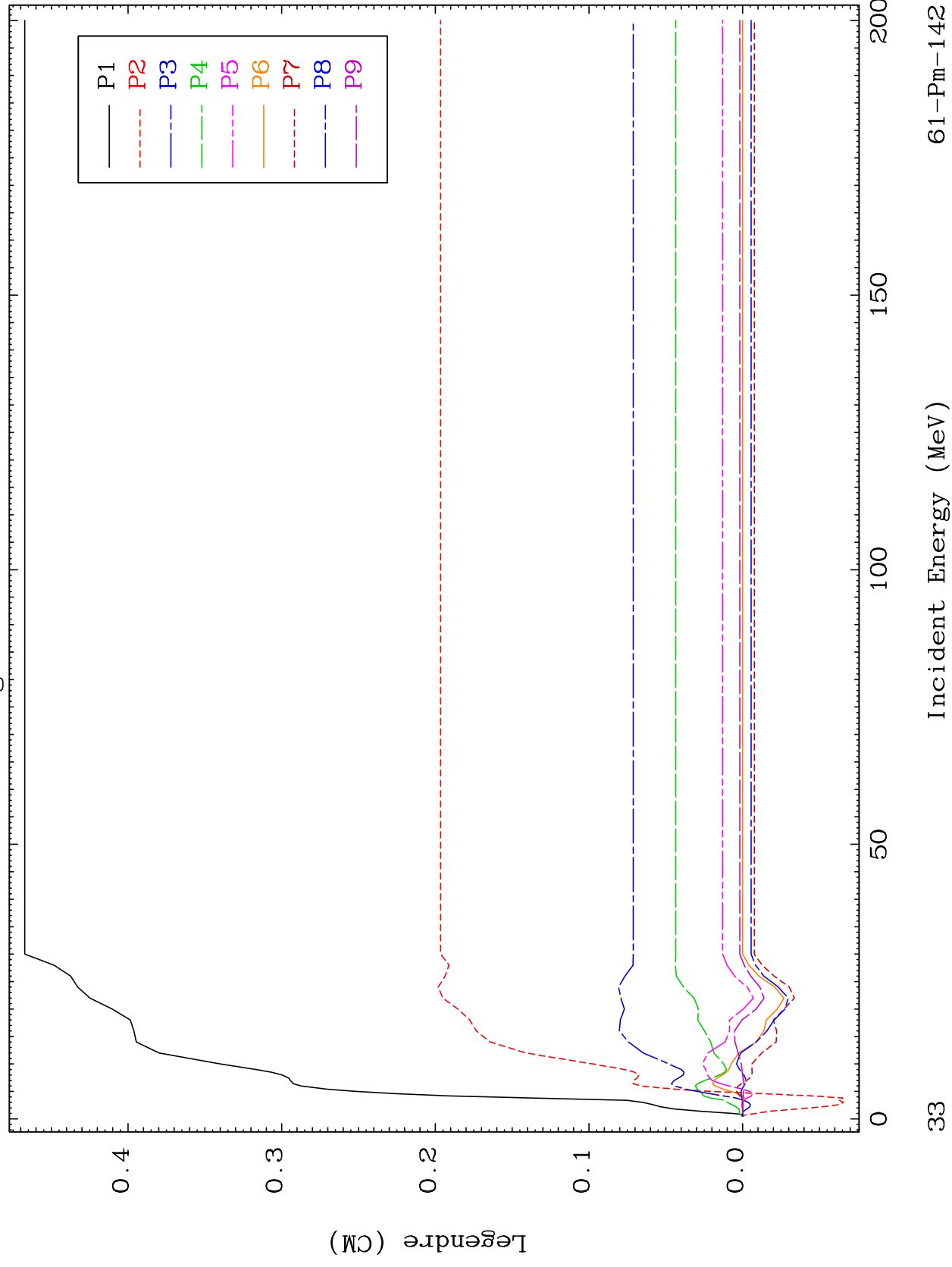


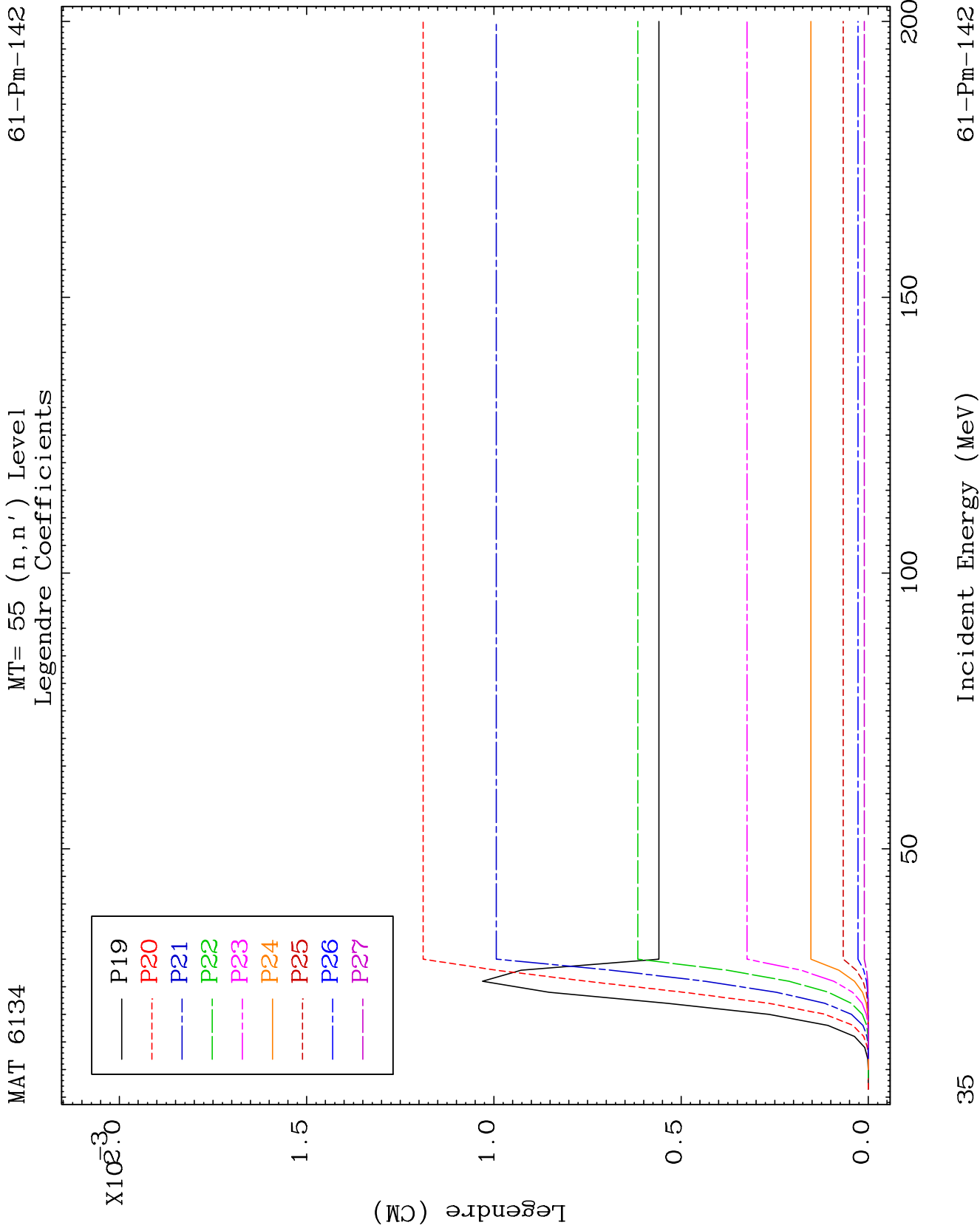


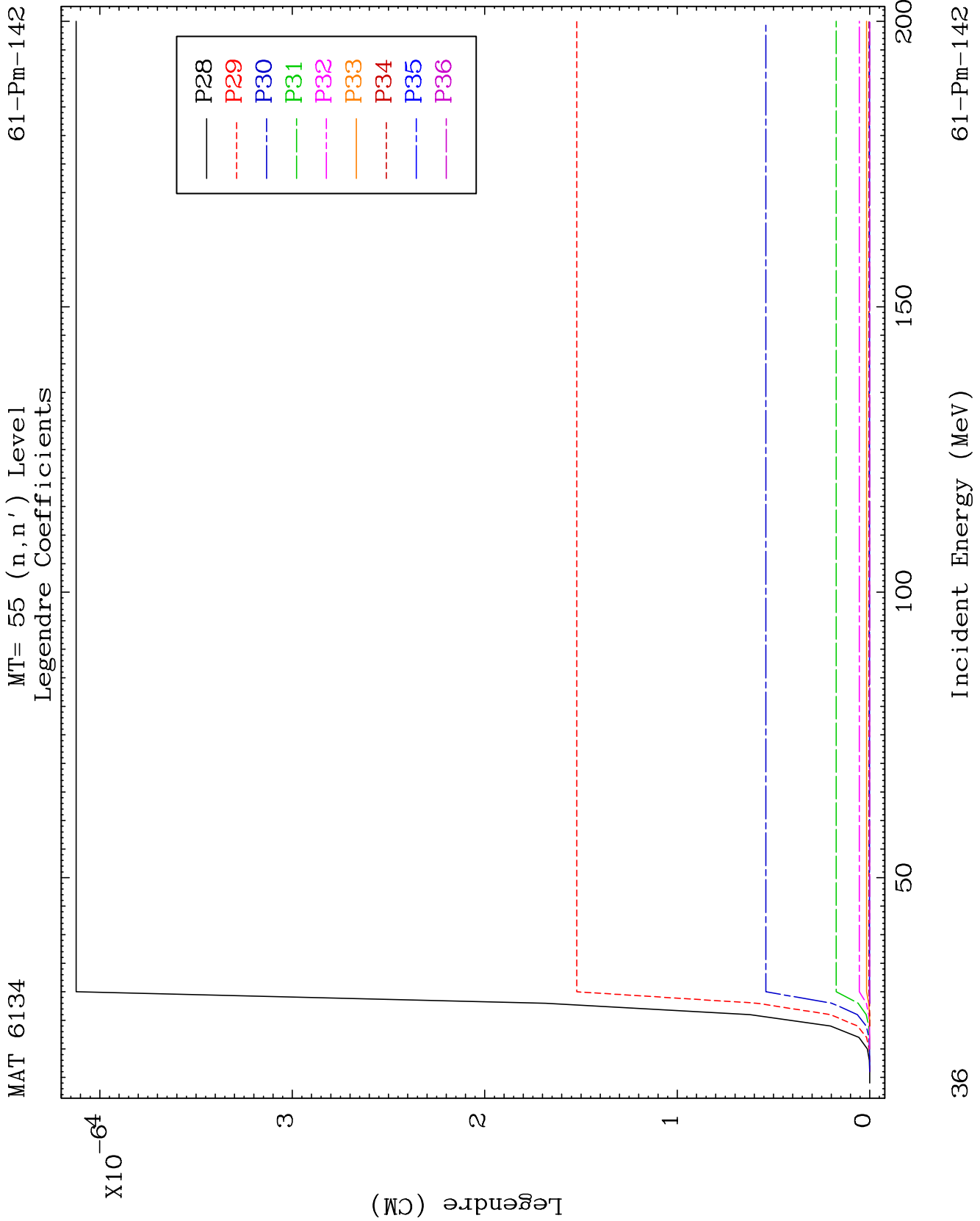
MAT 6134

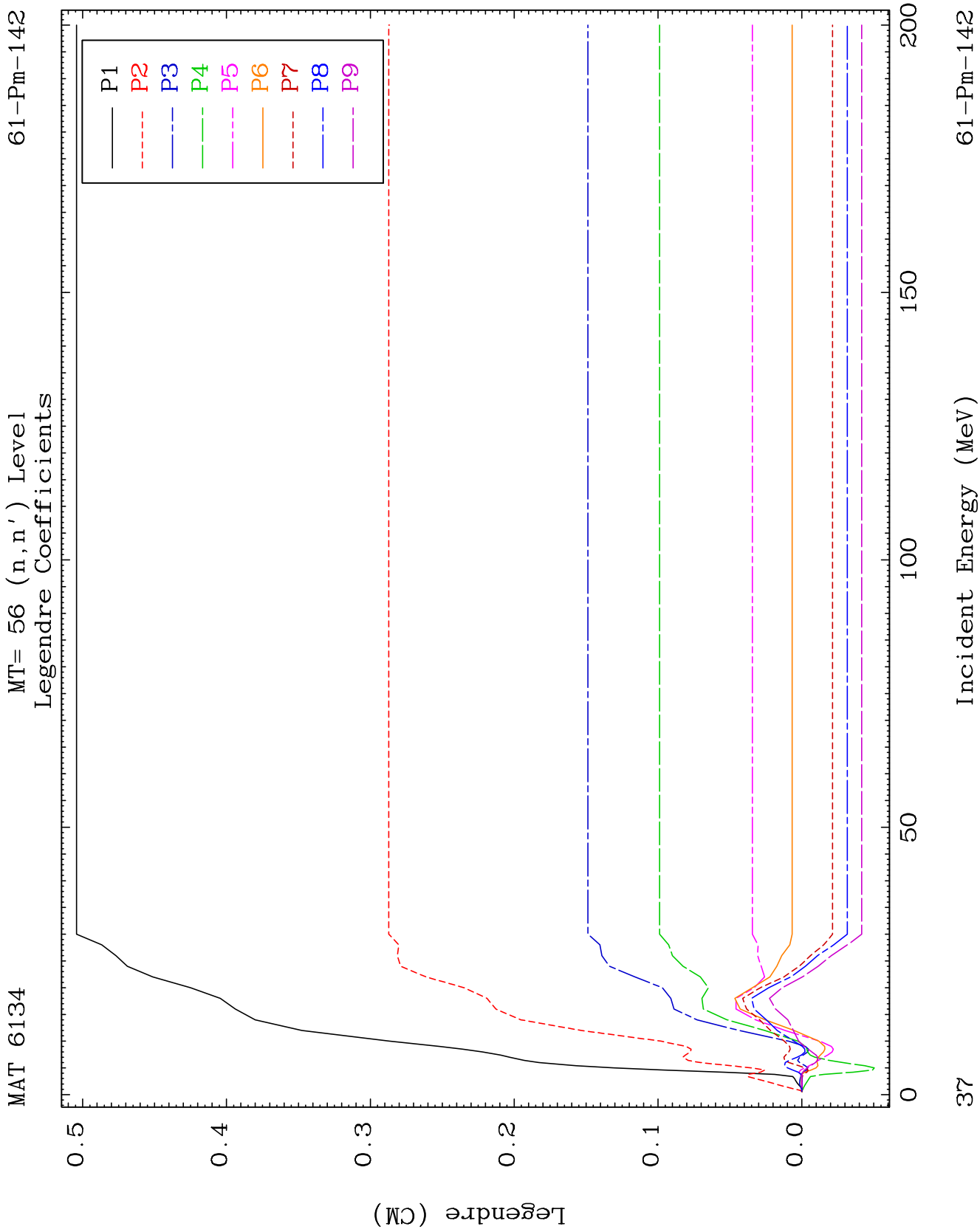
MT= 55 (n, n') Level
Legendre Coefficients

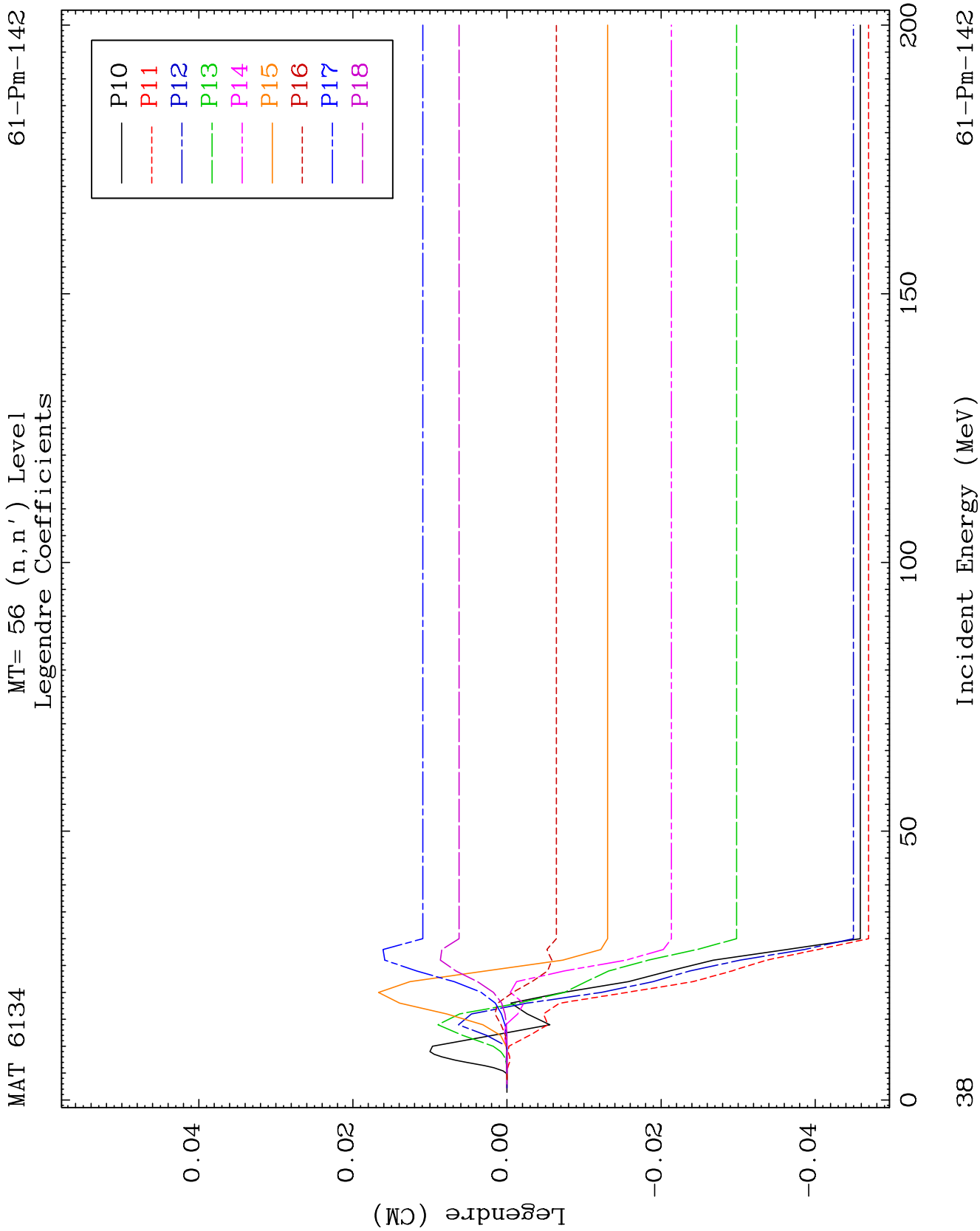
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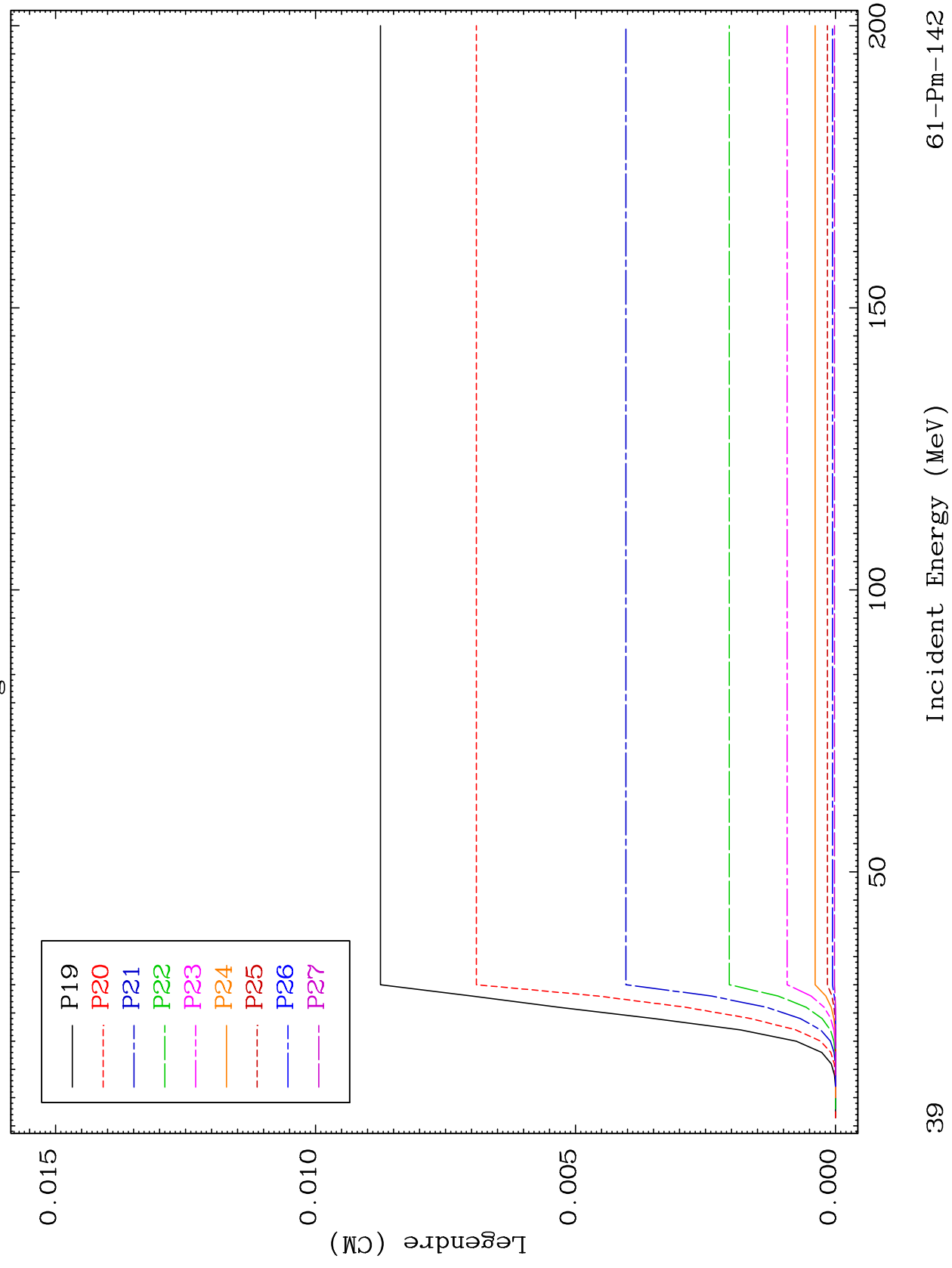


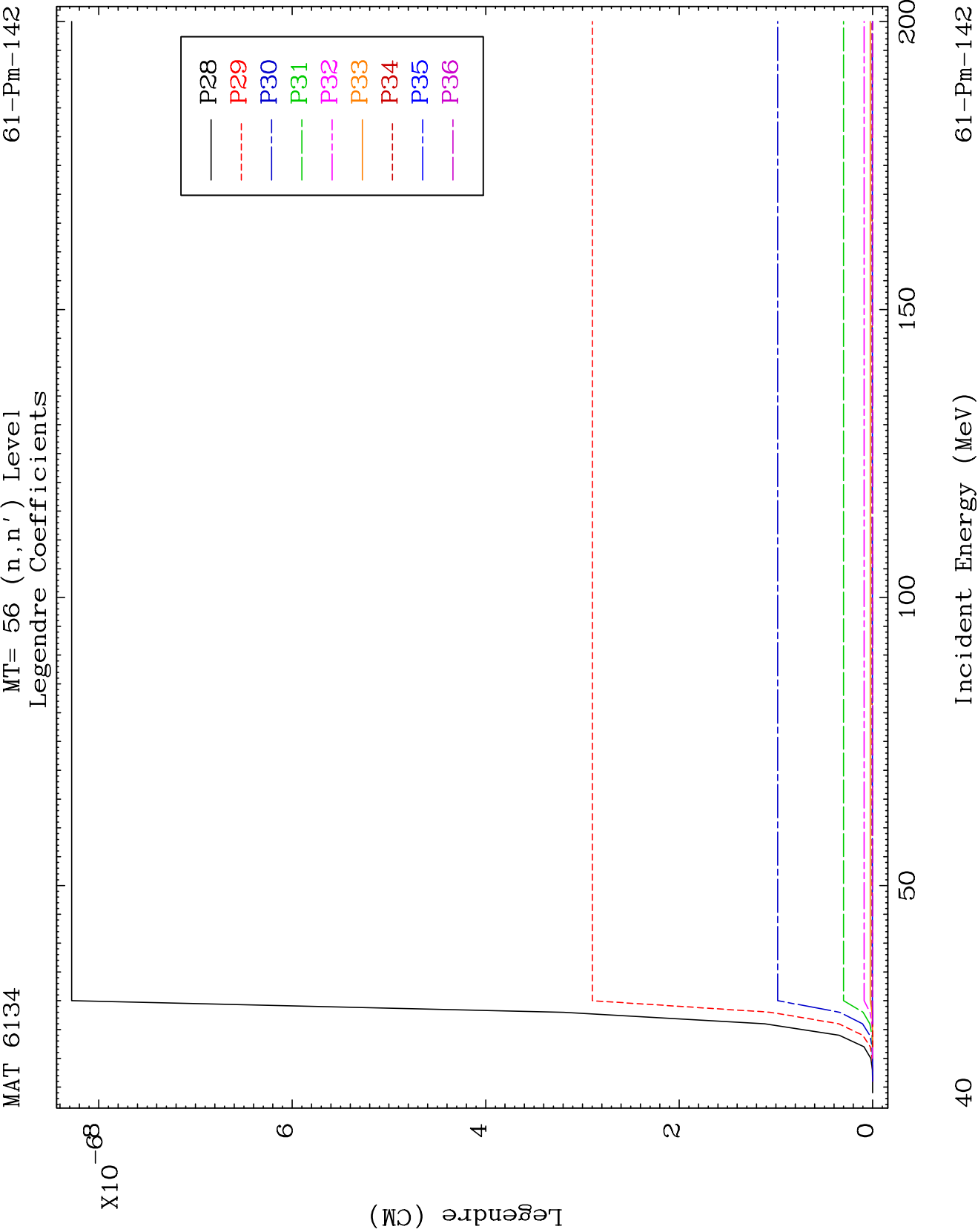


MAT 6134

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

61-Pm-142

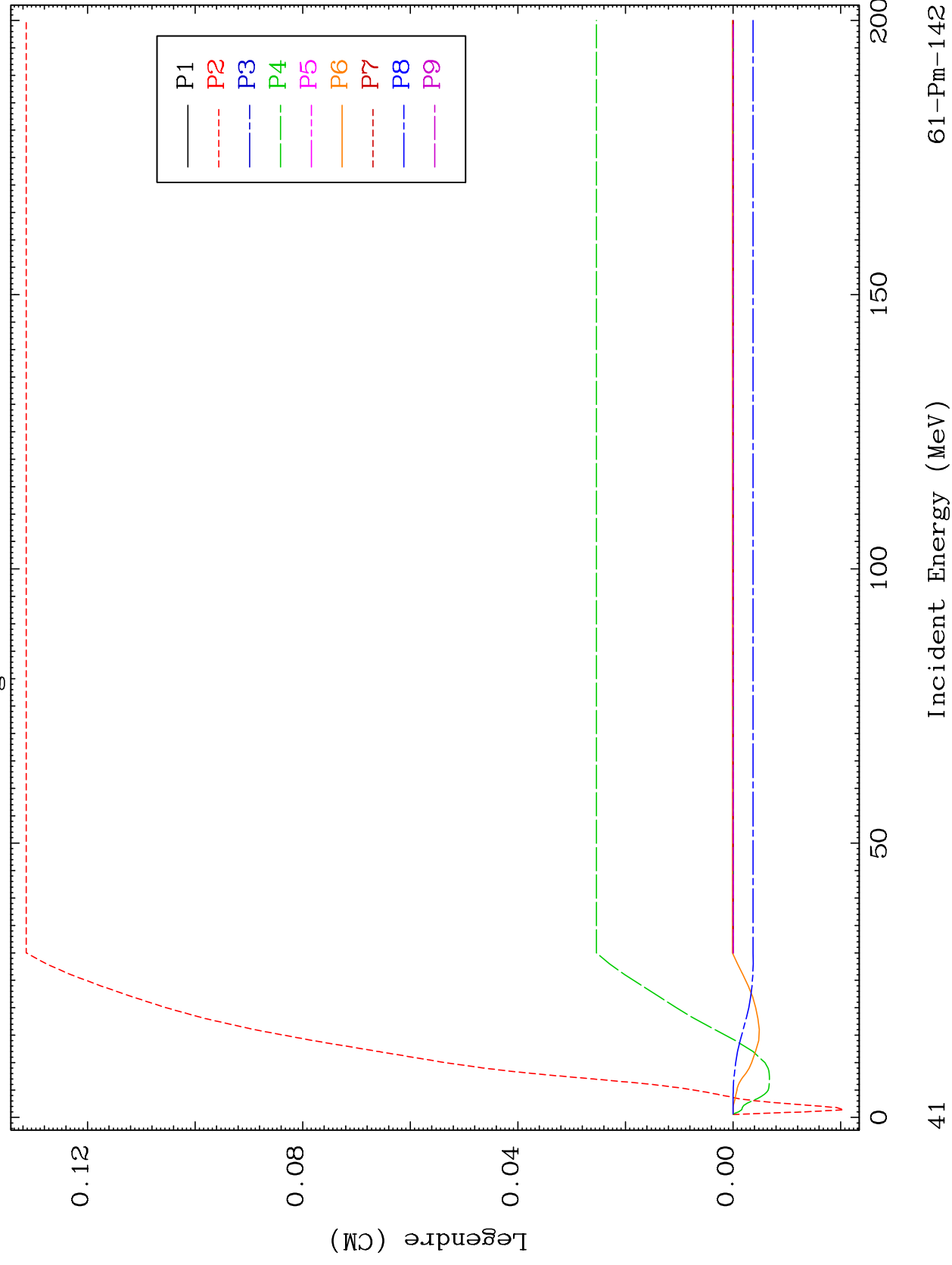


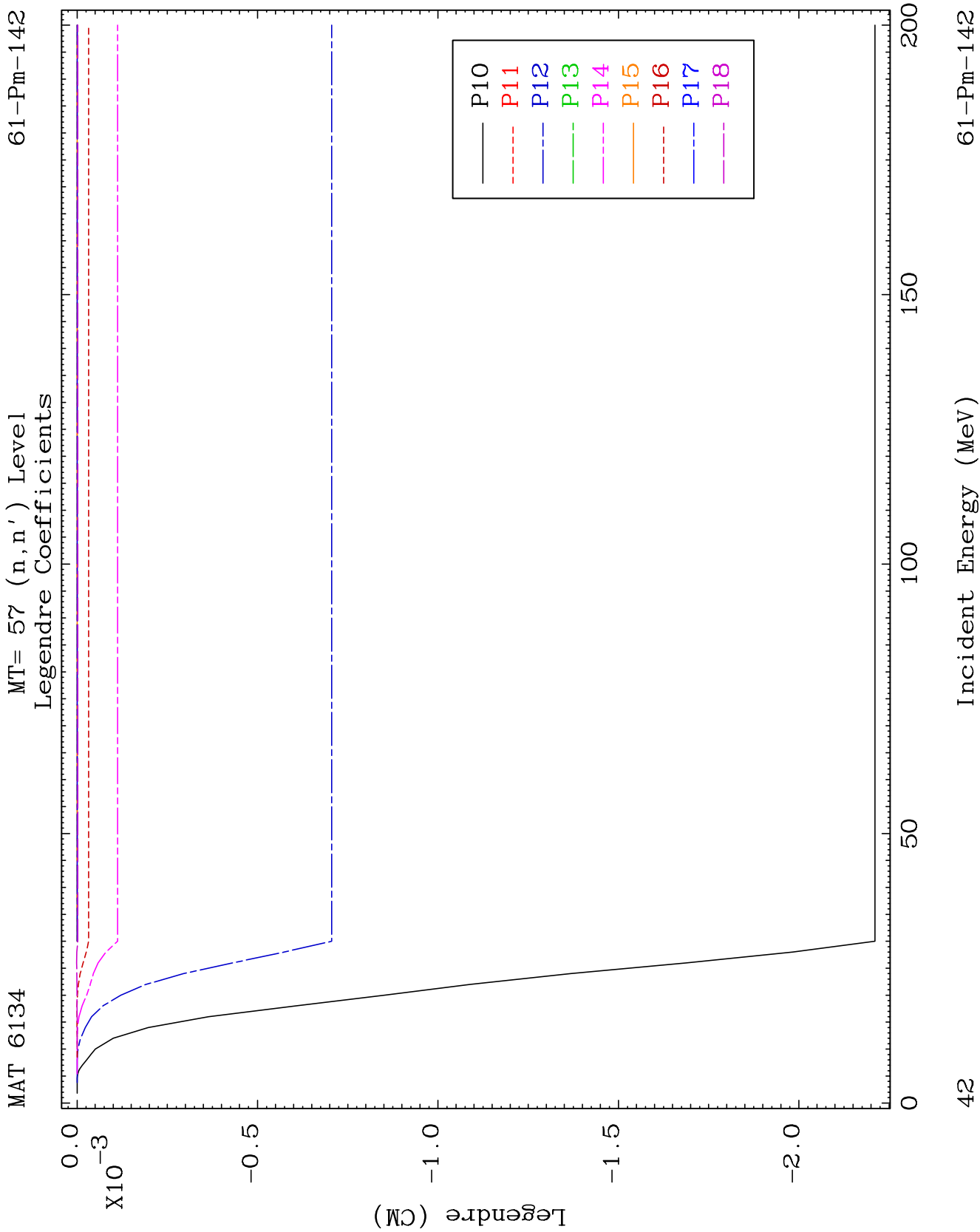


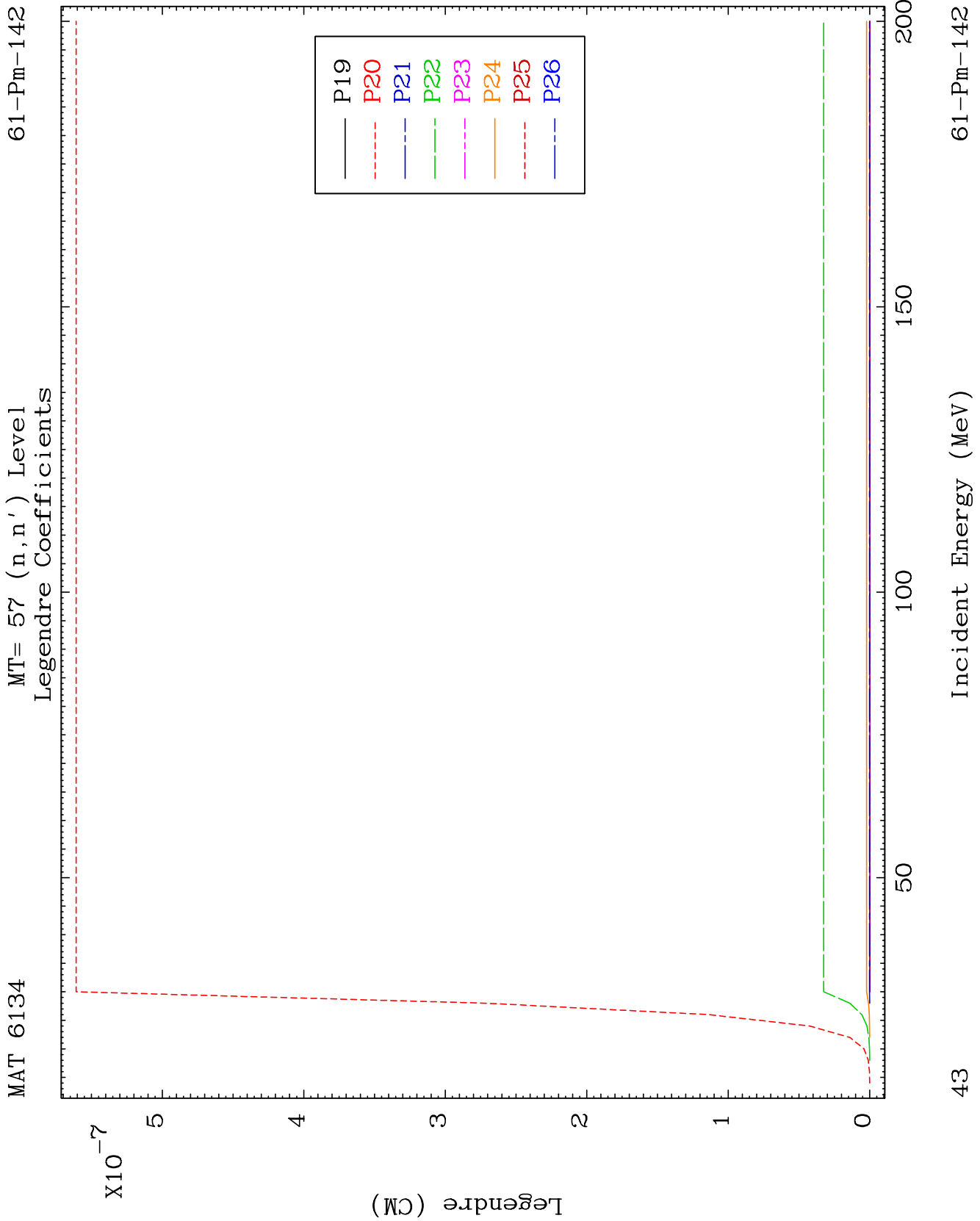
MAT 6134

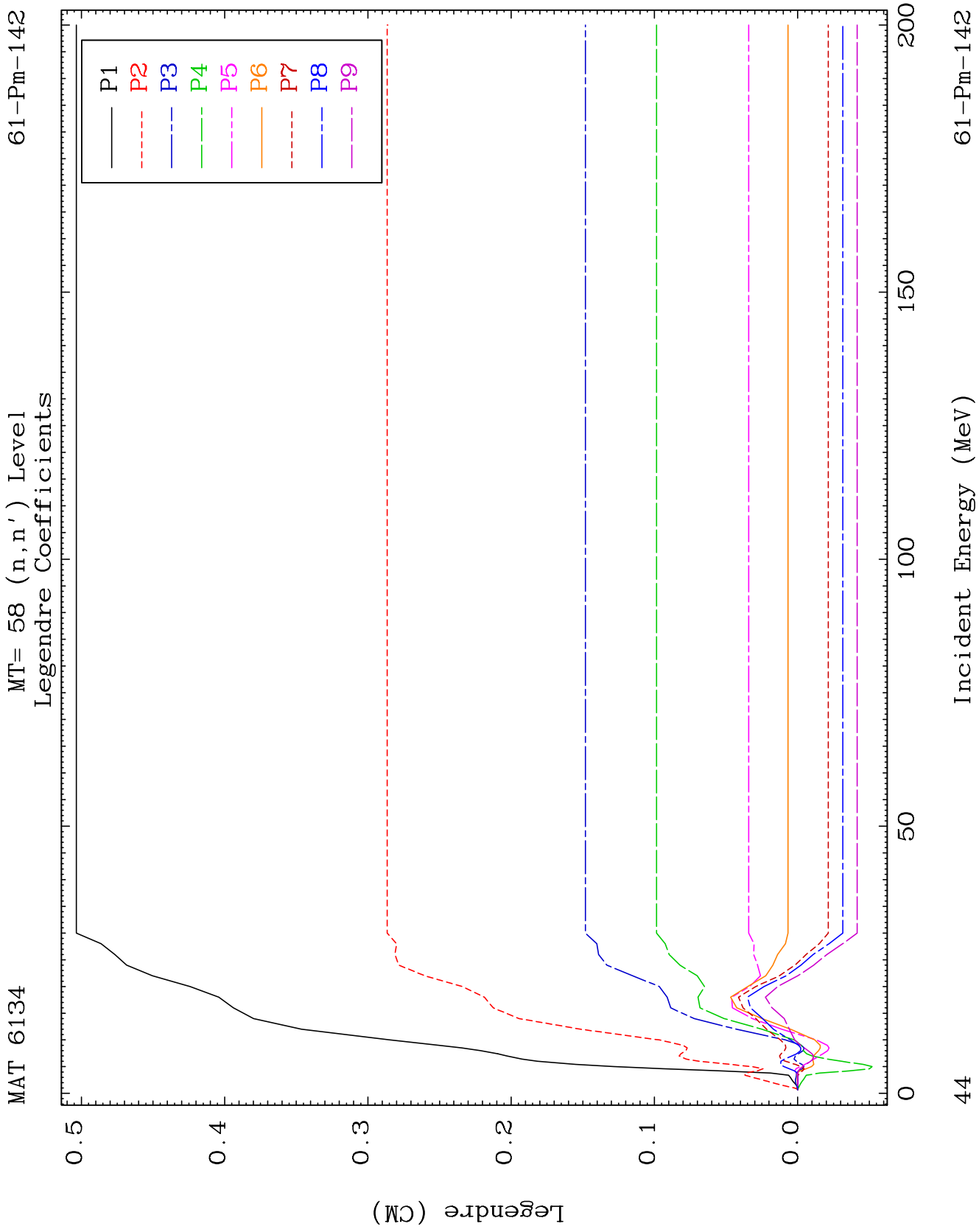
MT= 57 (n, n') Level
Legendre Coefficients

61-Pm-142





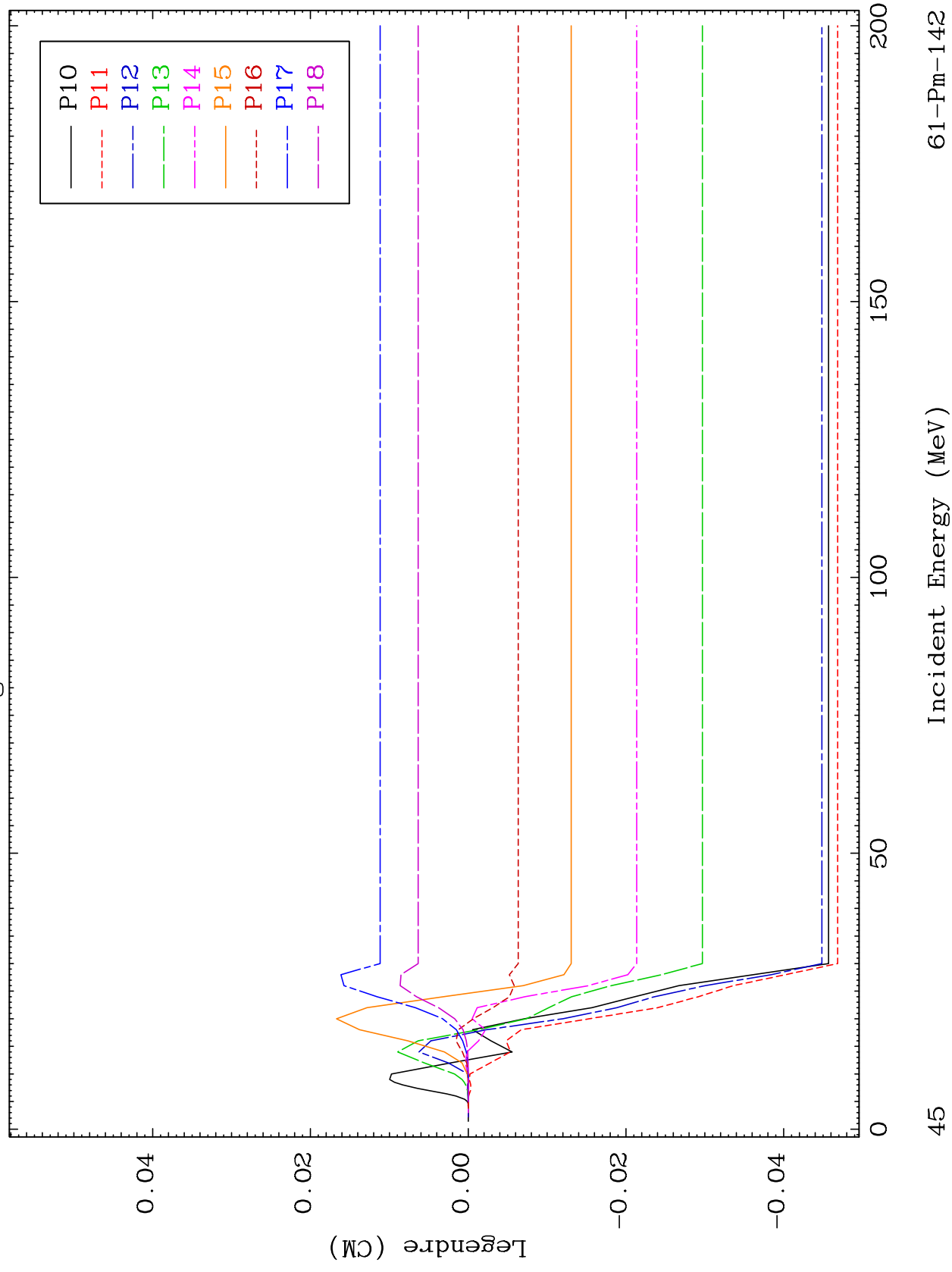


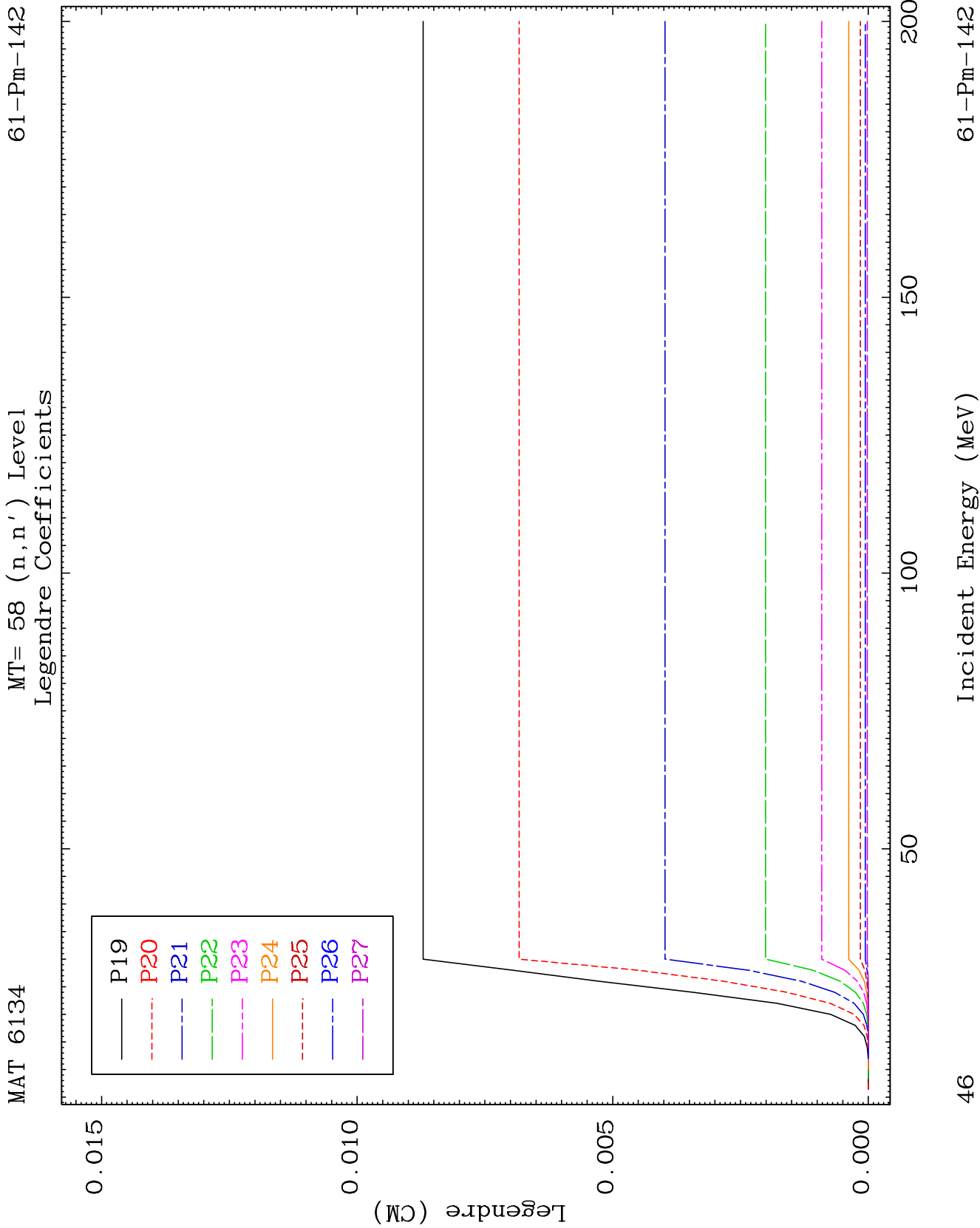


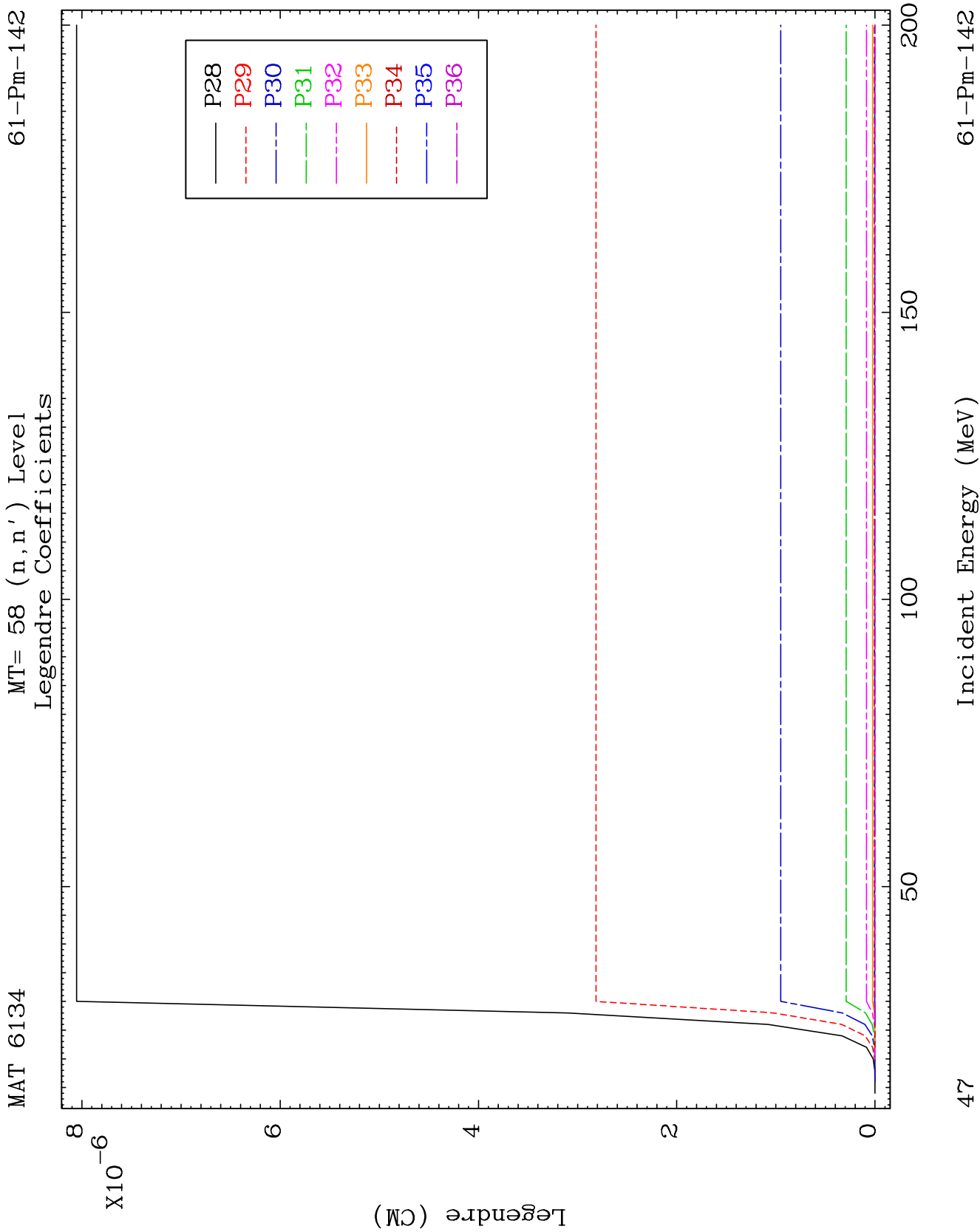
MAT 6134

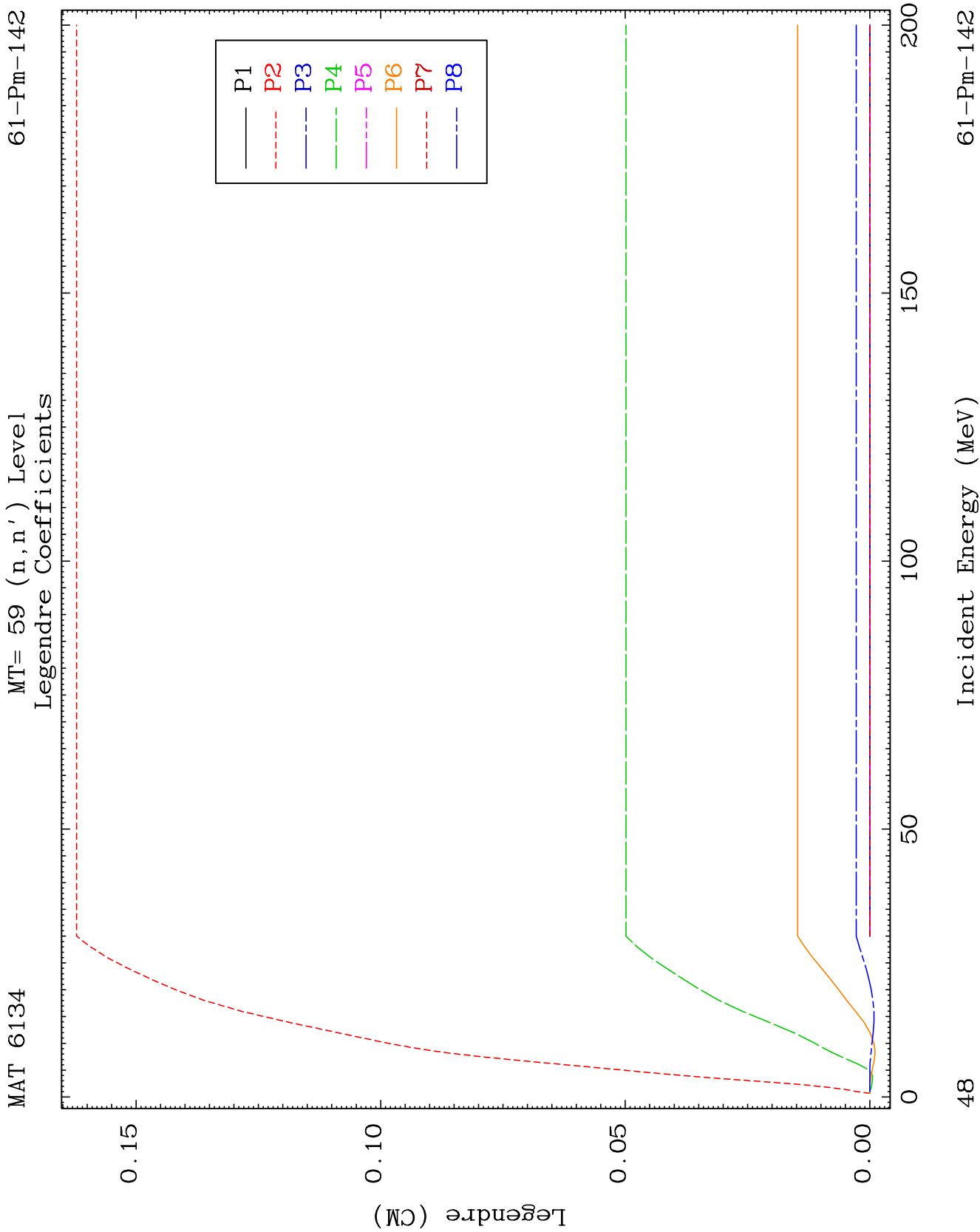
MT= 58 (n, n') Level
Legendre Coefficients

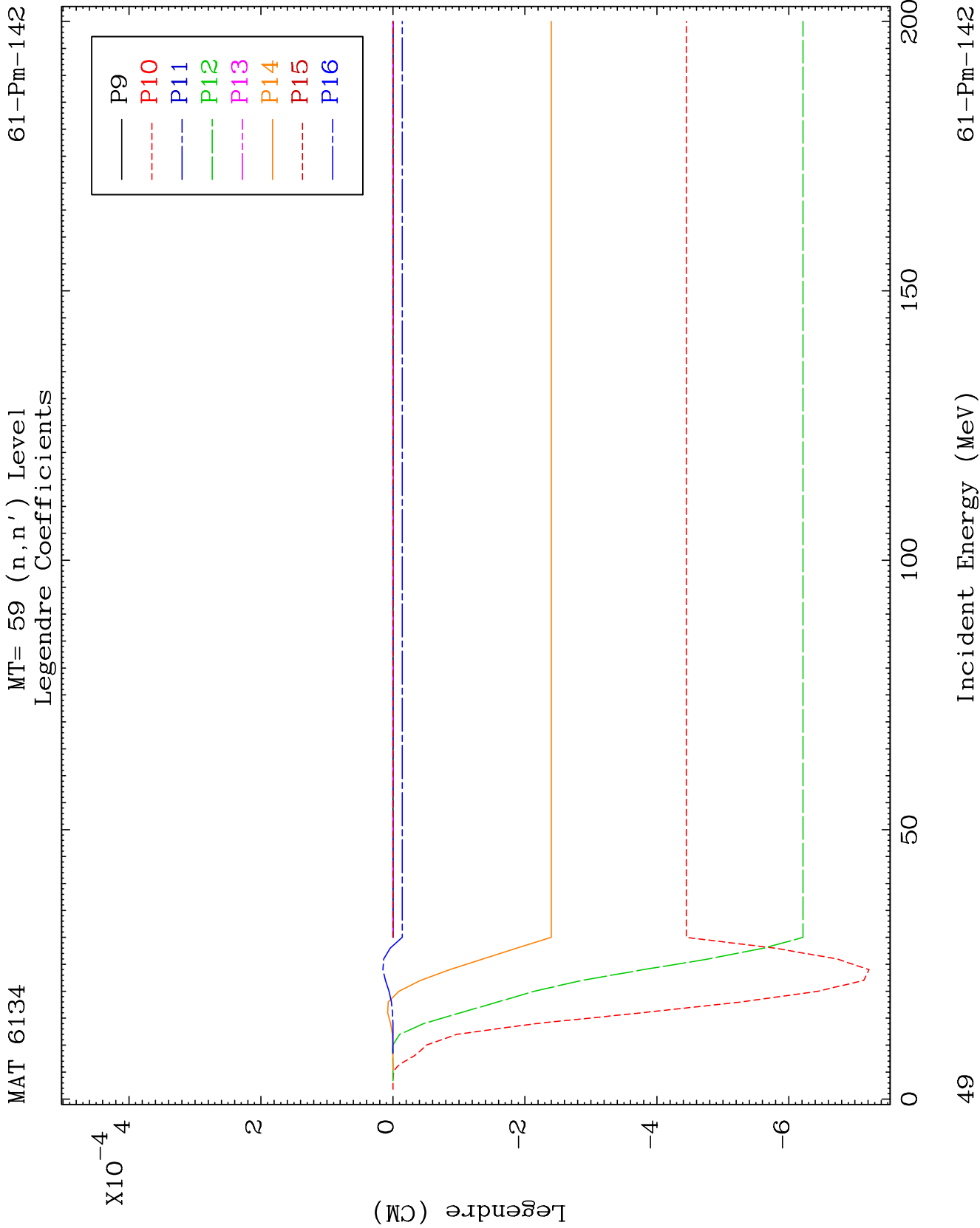
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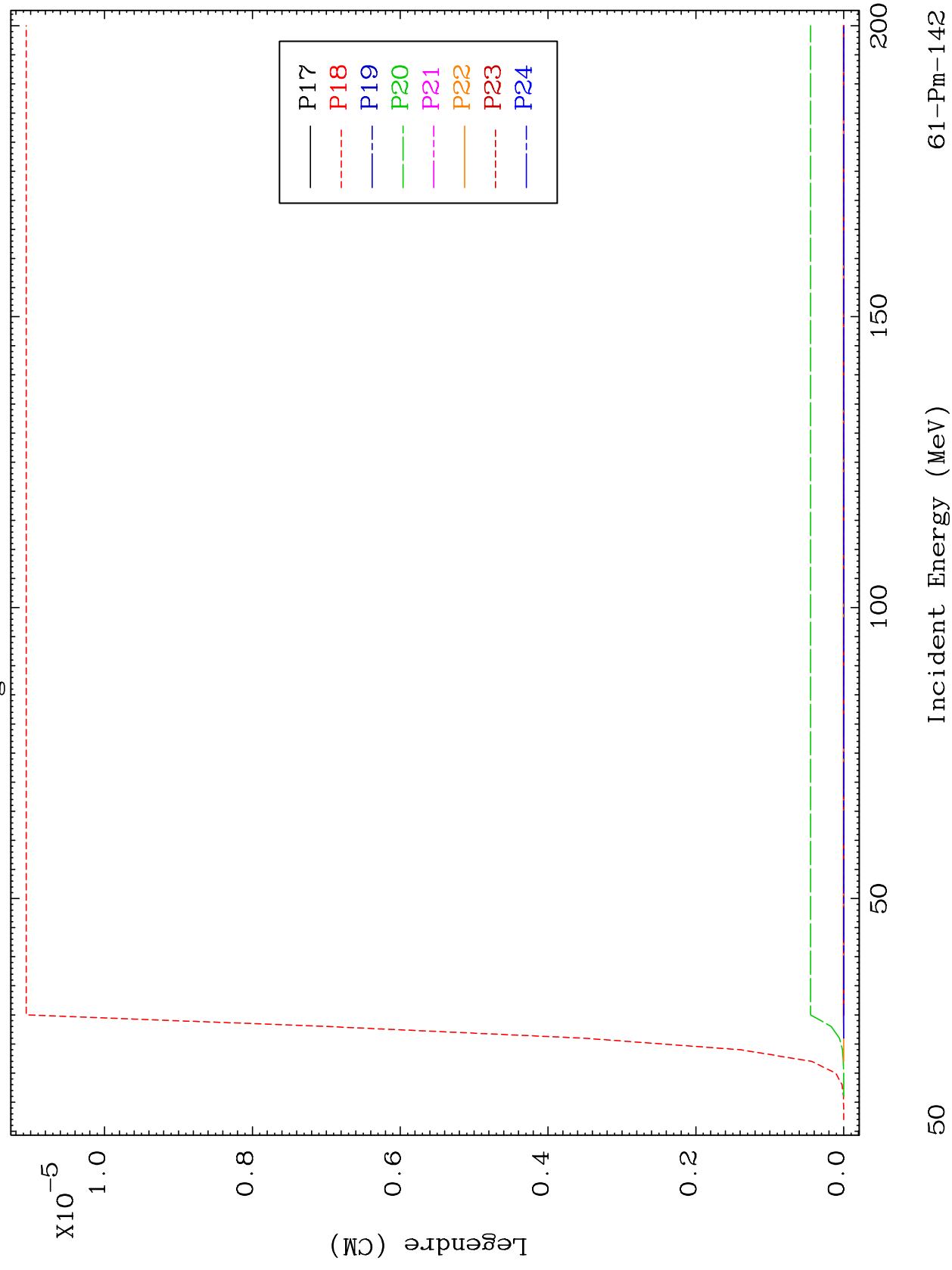


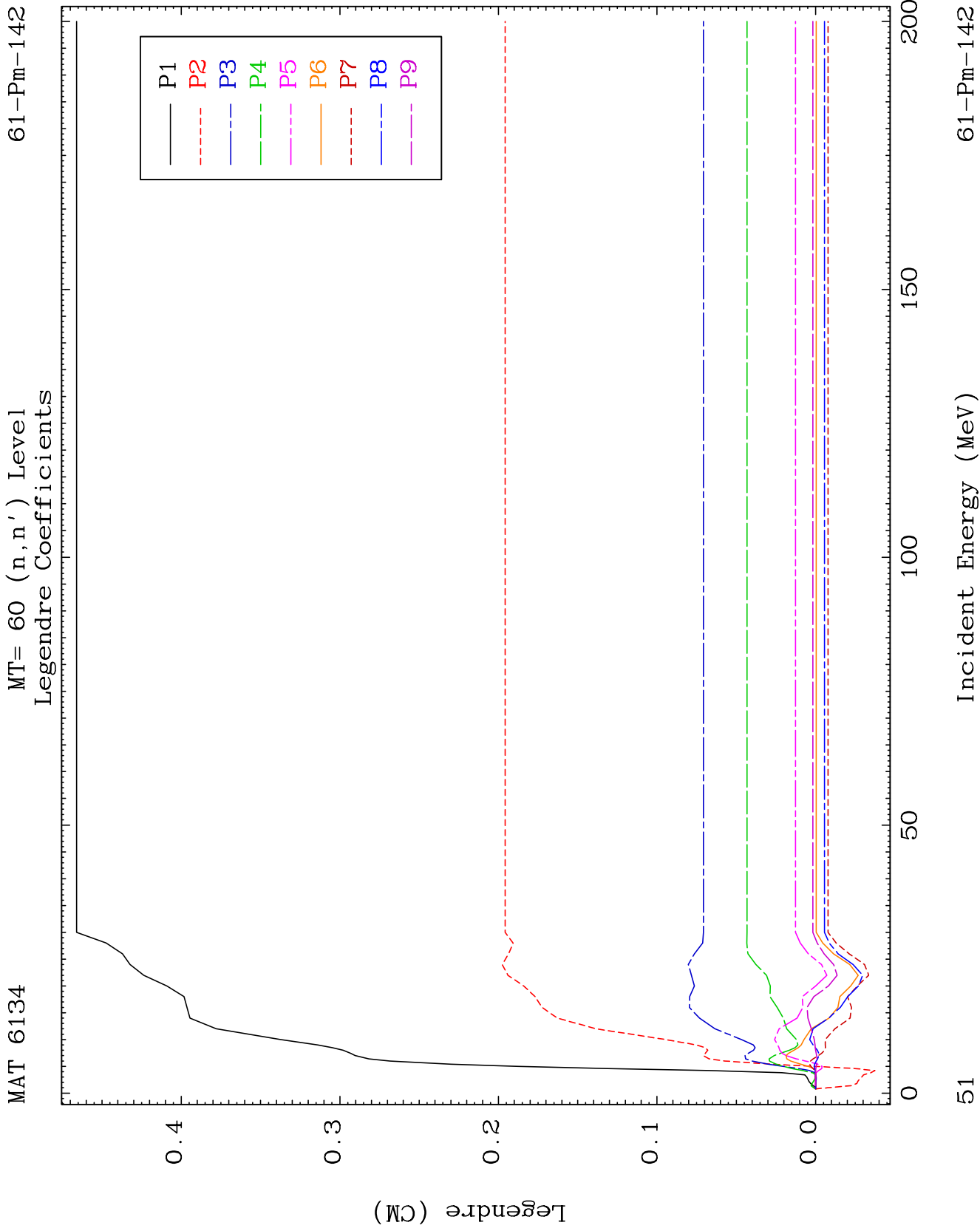


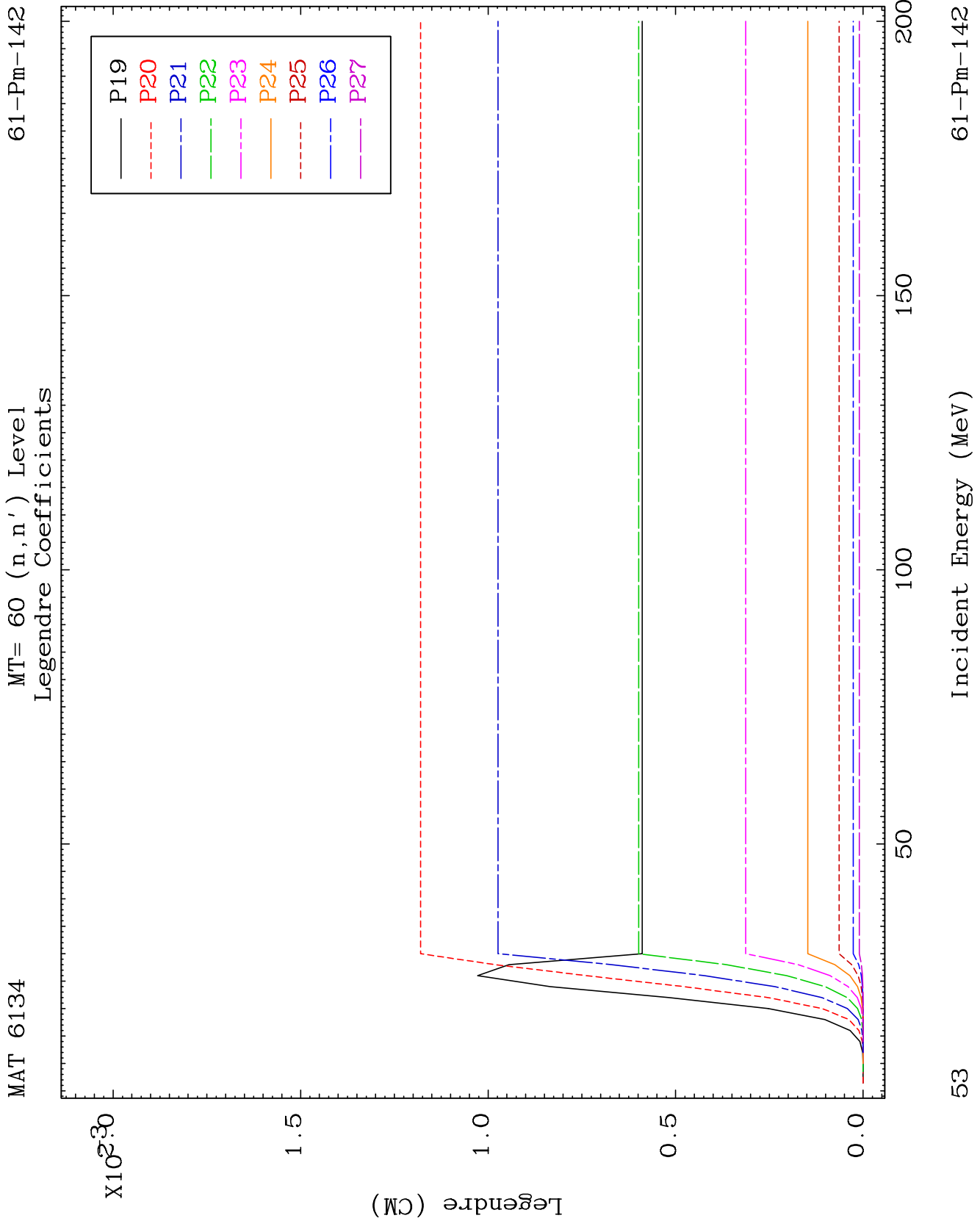
MAT 6134

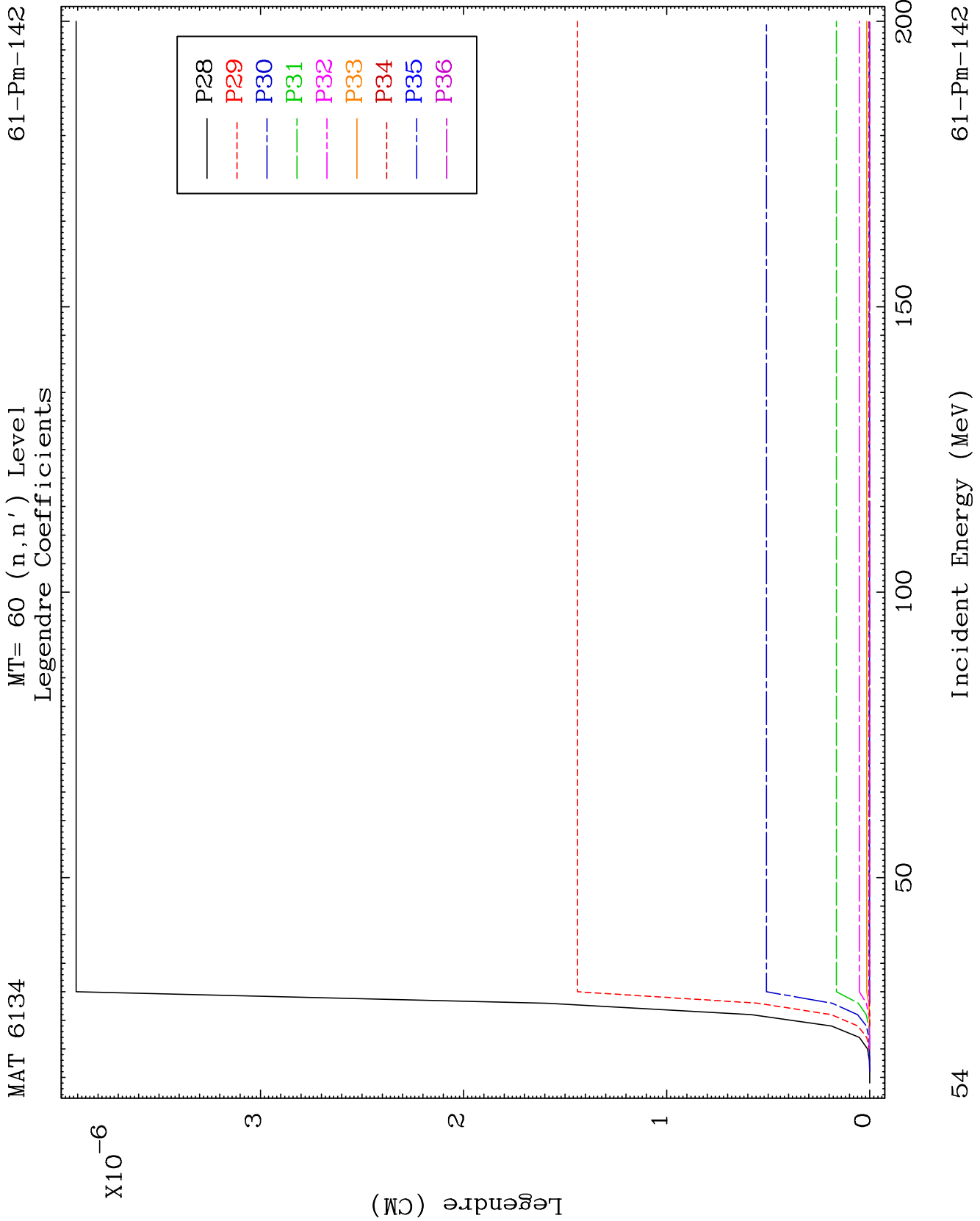
MT= 59 (n, n') Level
Legendre Coefficients

61-Pm-142





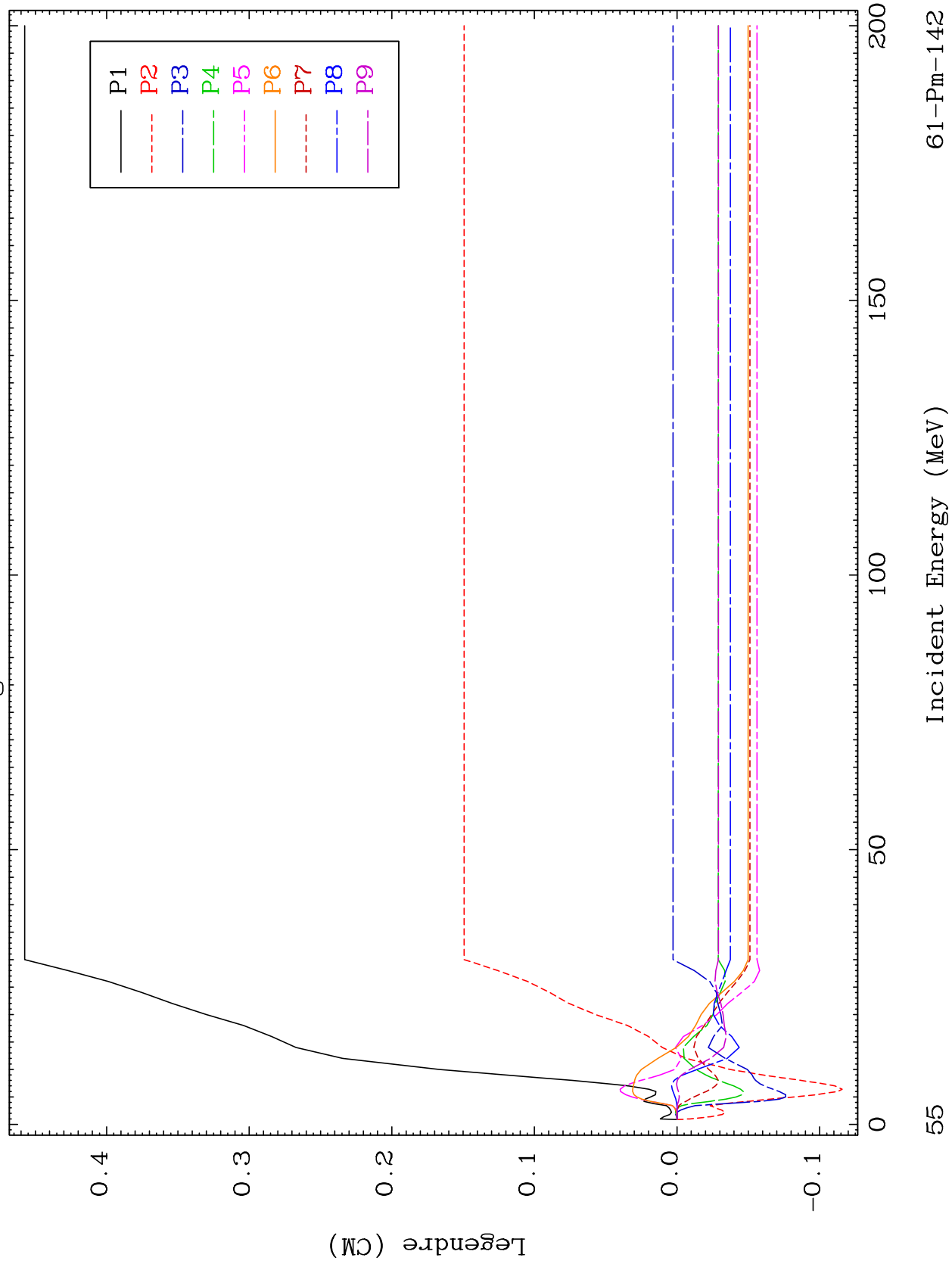




MAT 6134

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

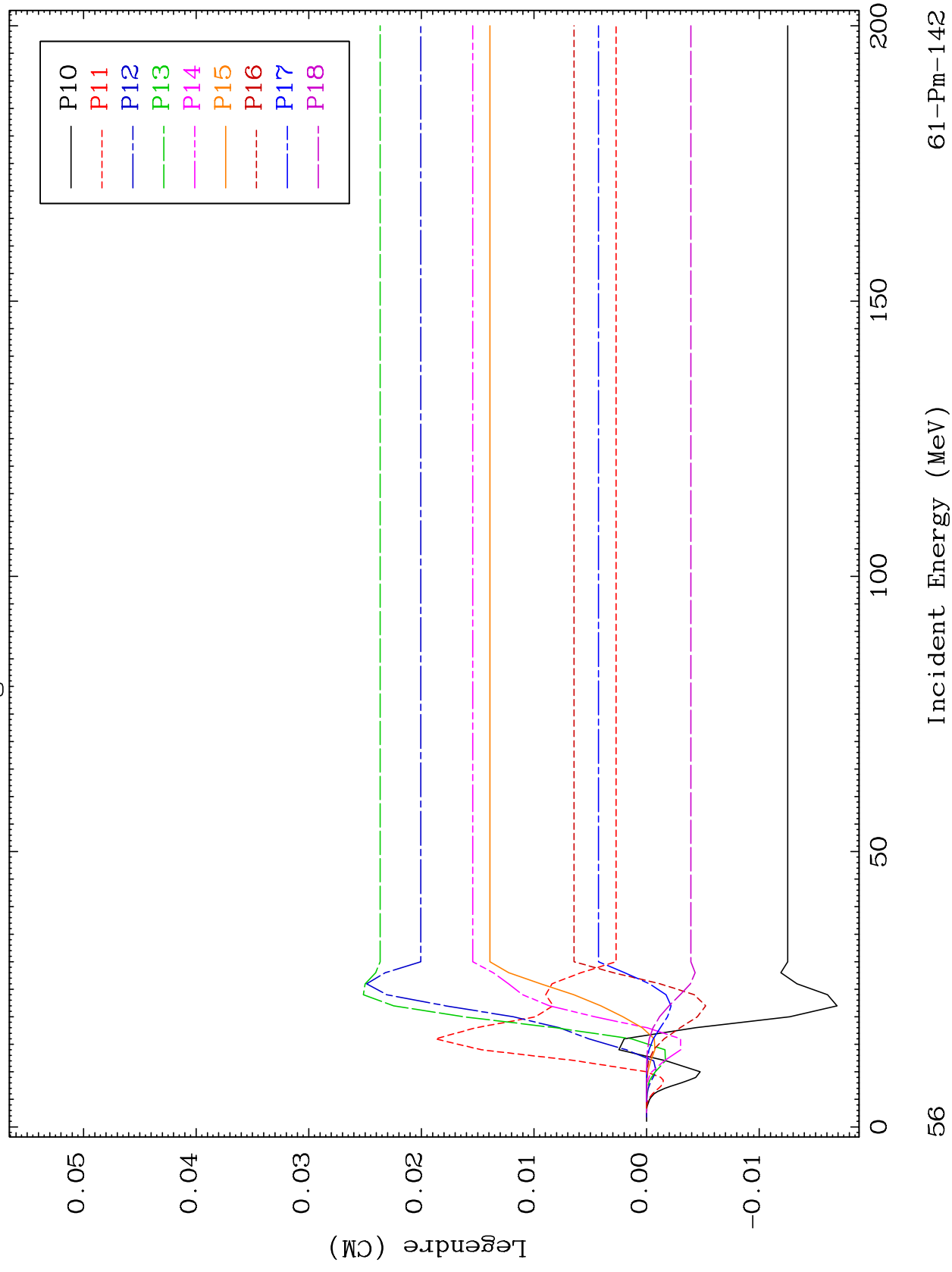
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MAT 6134

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

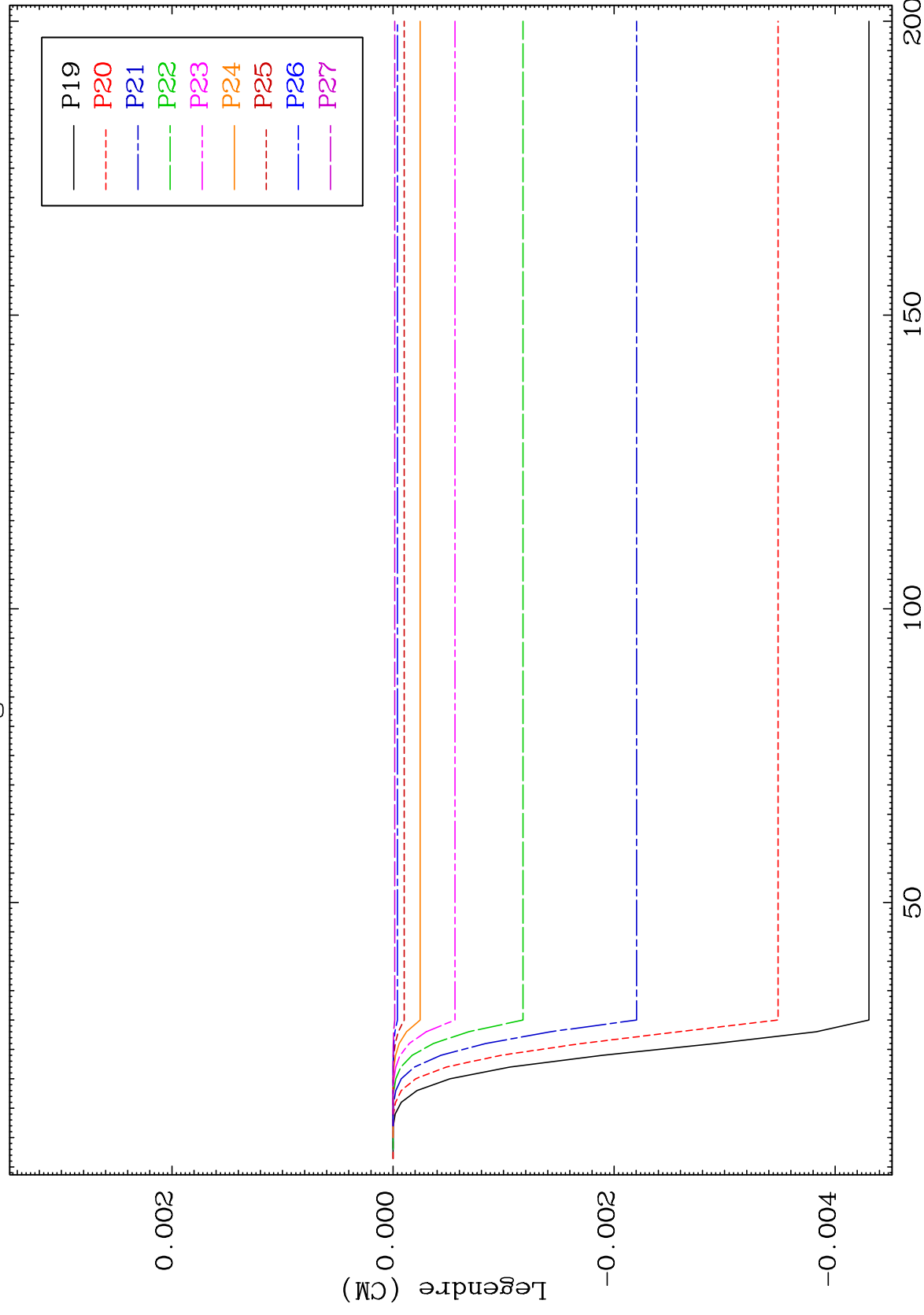
61-Pm-142



MAT 6134

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

61-Pm-142



25

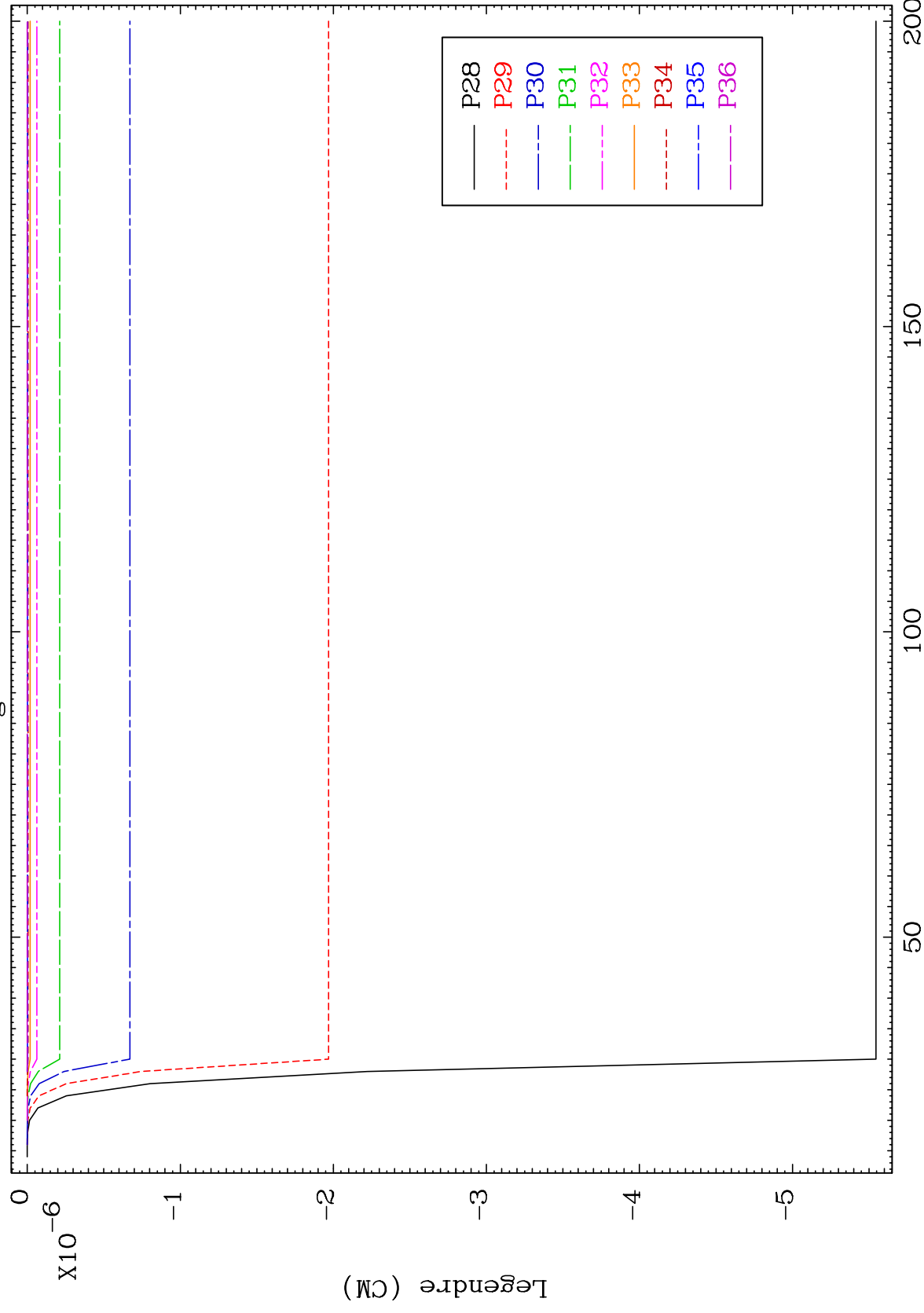
Incident Energy (MeV)

61-Pm-142

MAT 6134

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

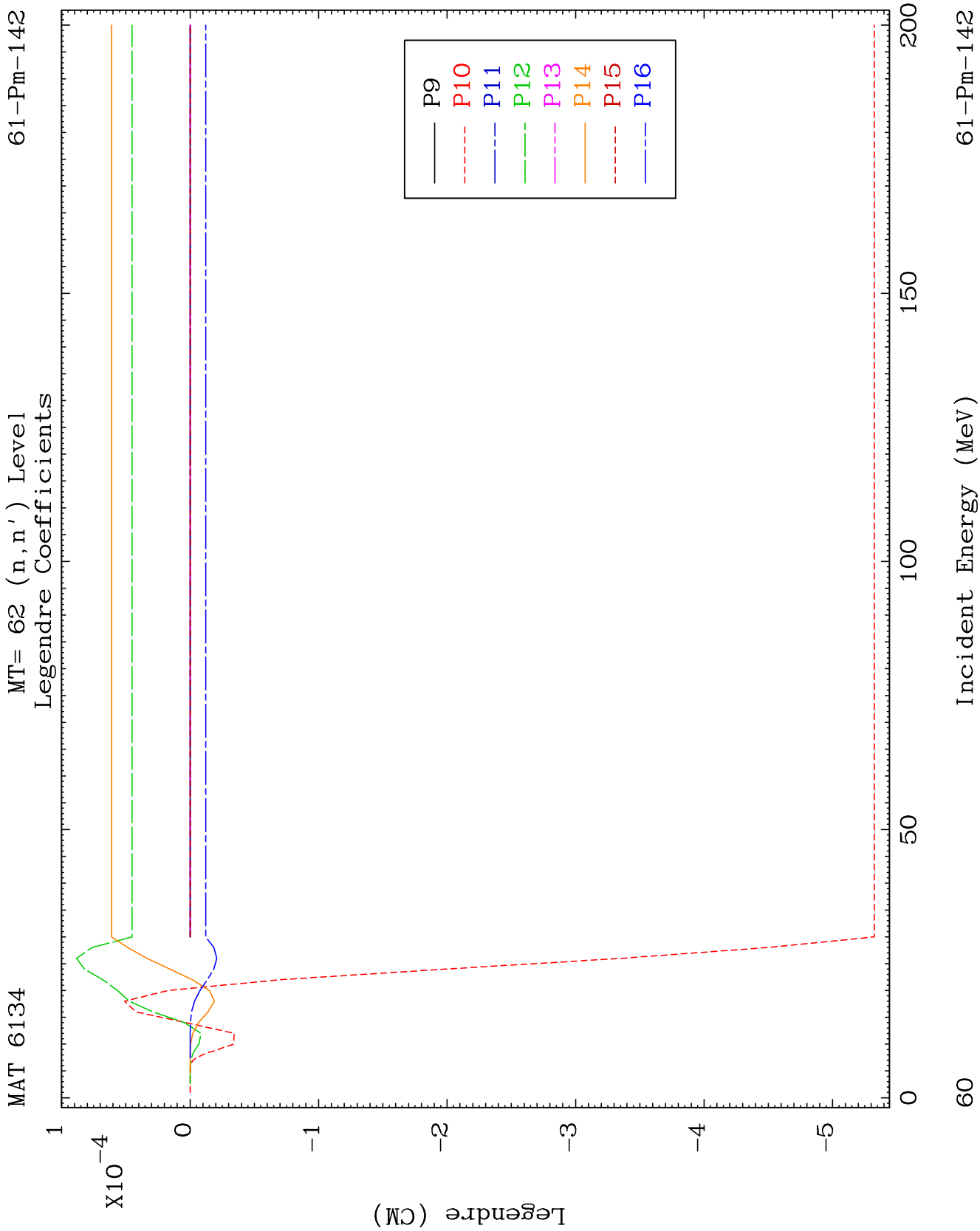
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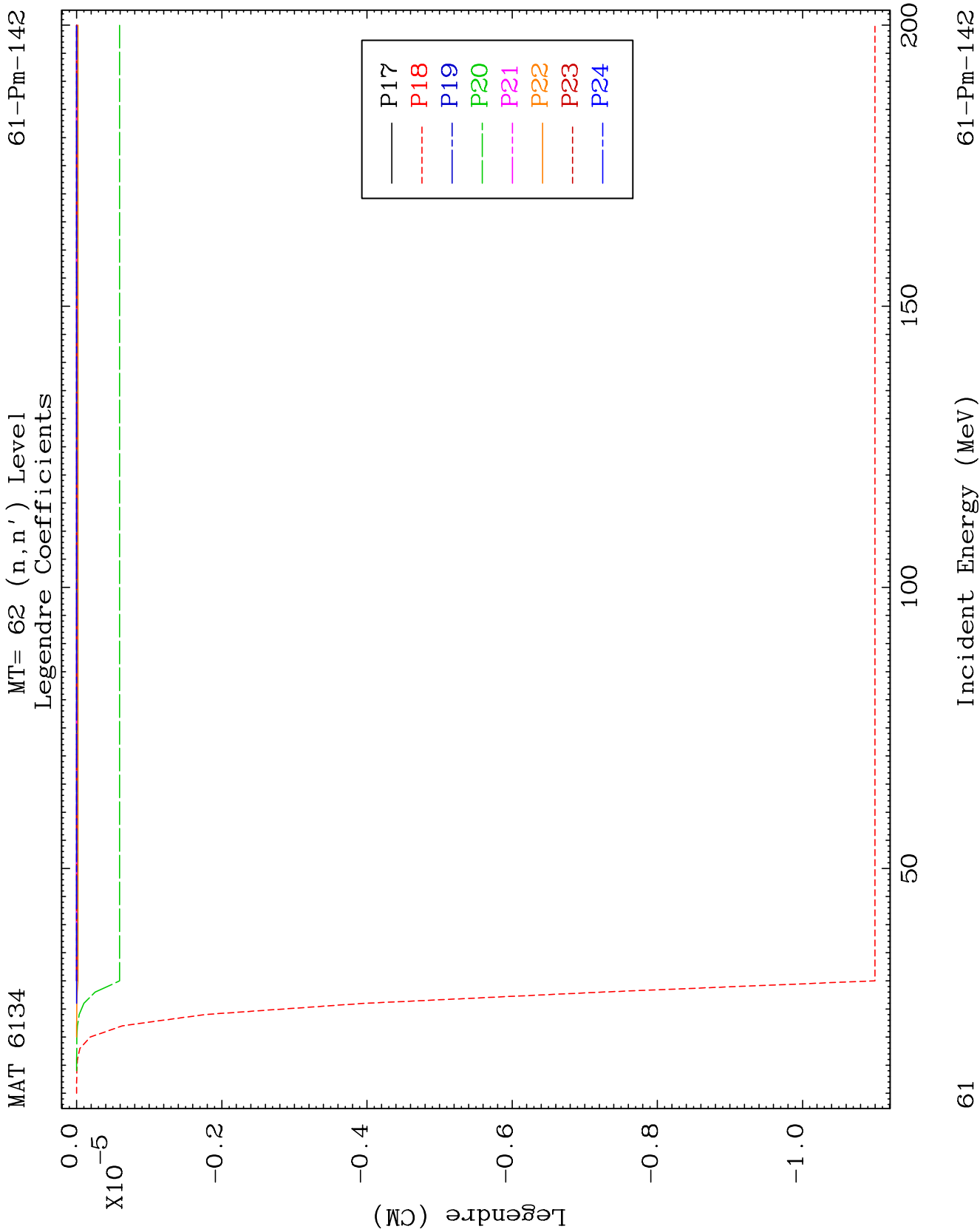


58

Incident Energy (MeV)

61-Pm-142

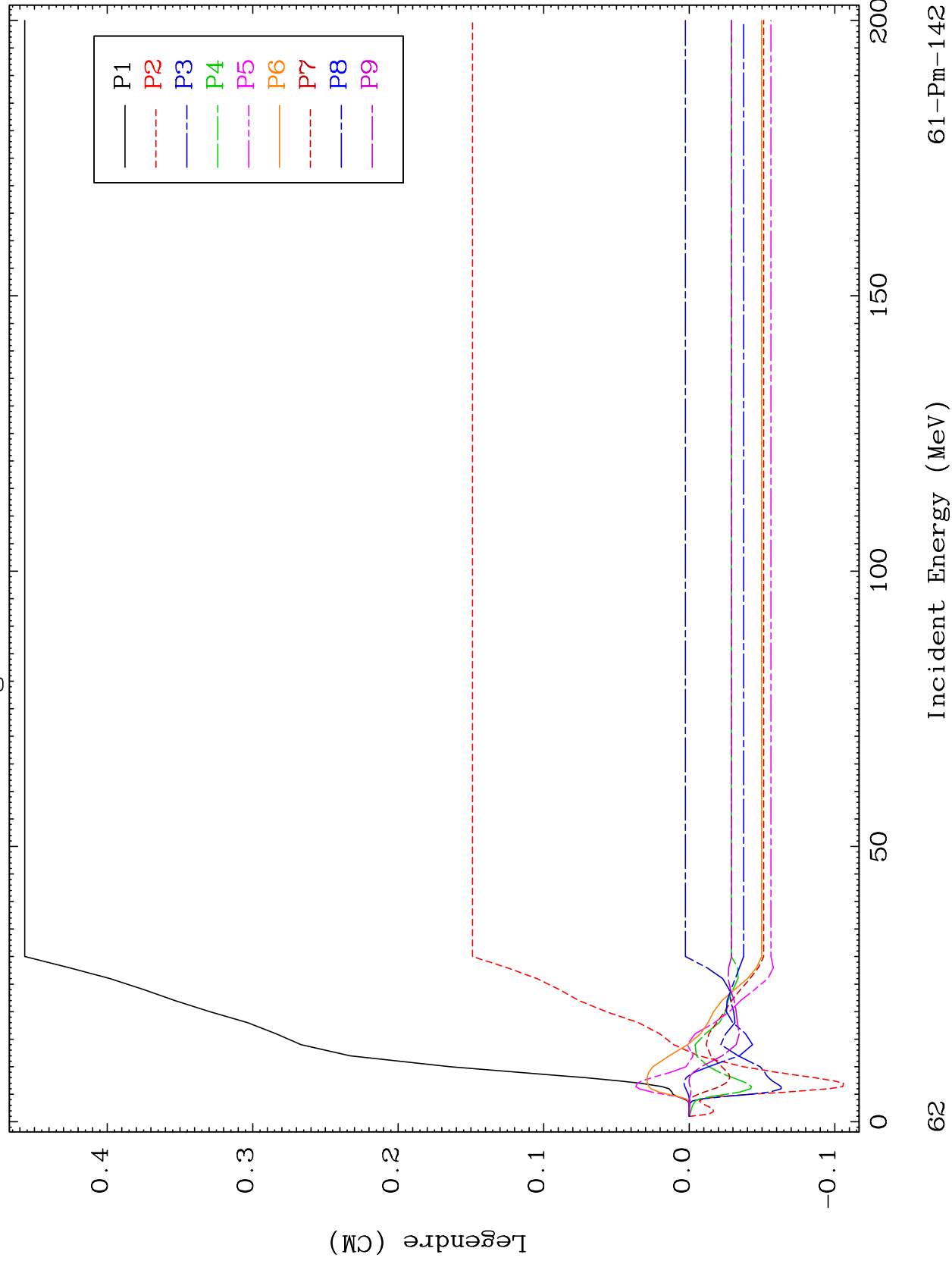




MAT 6134

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

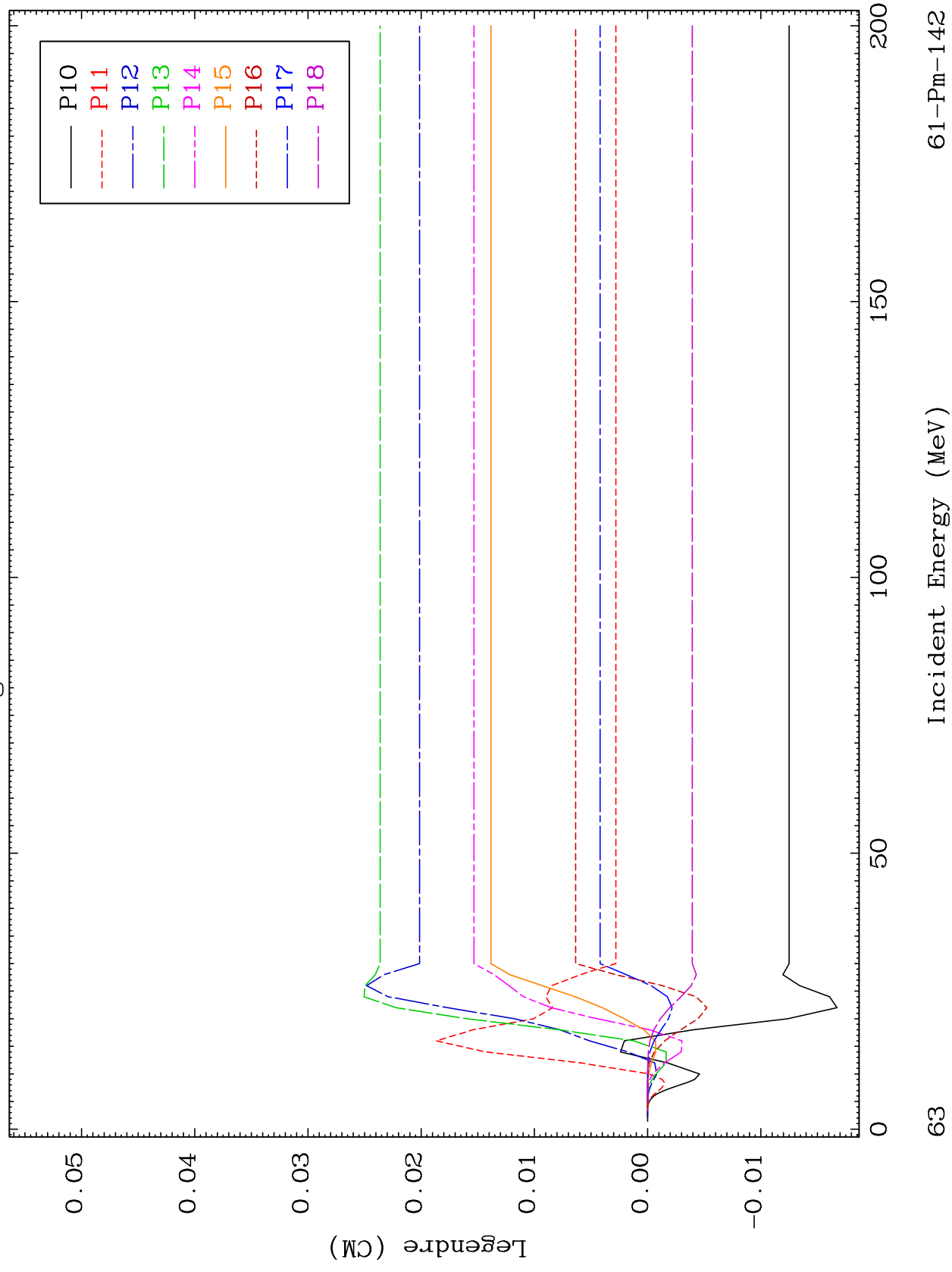
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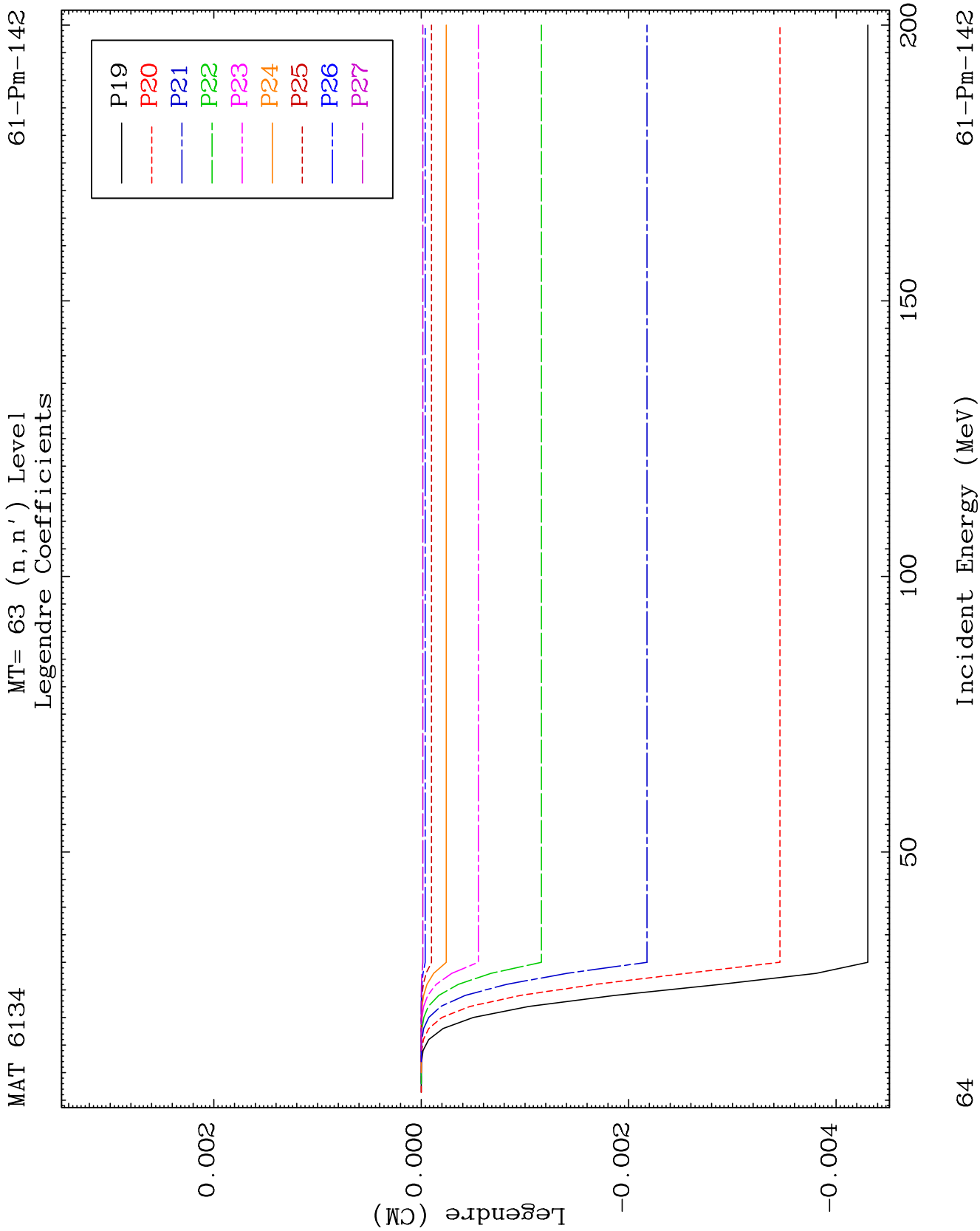


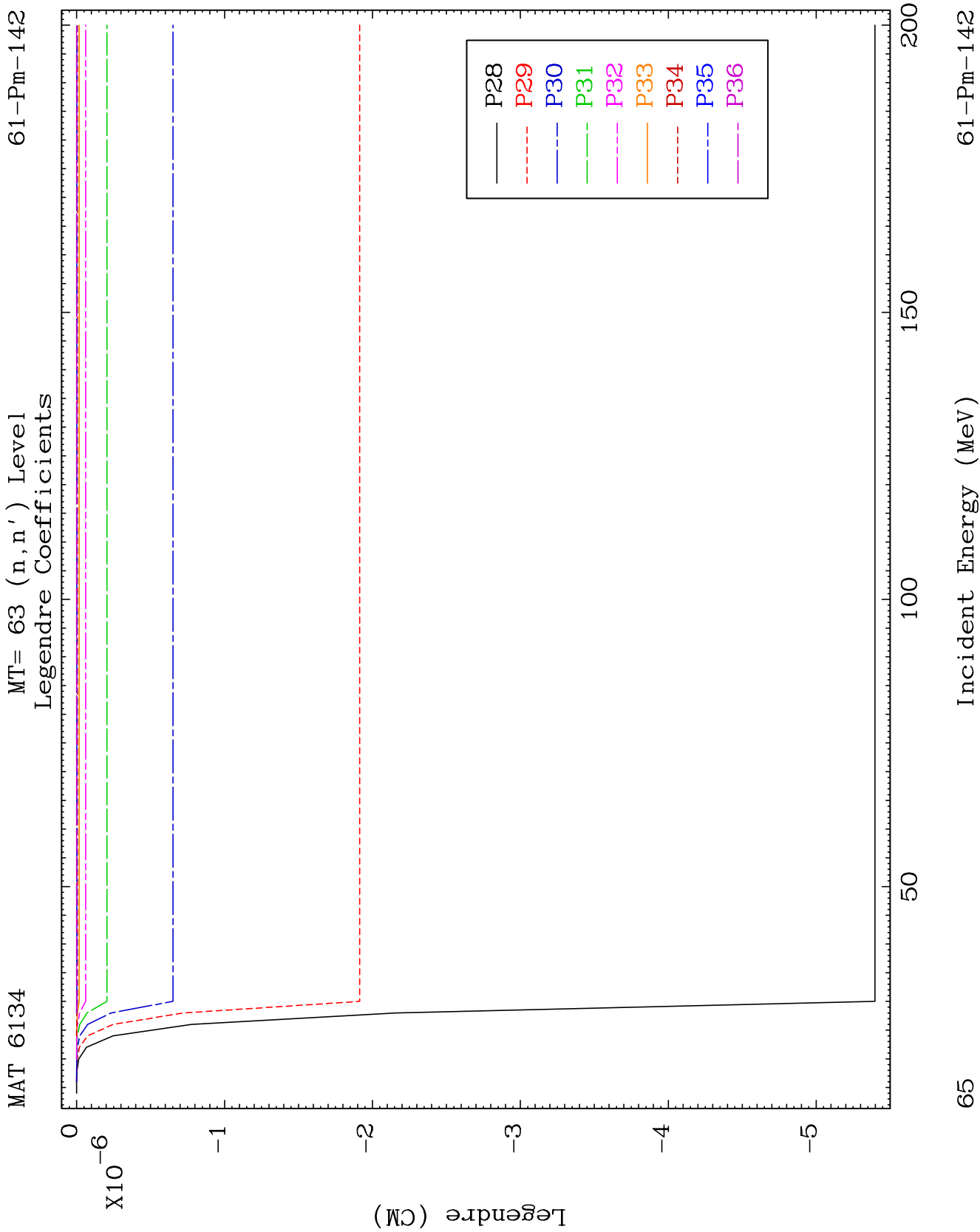
MAT 6134

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

61-Pm-142



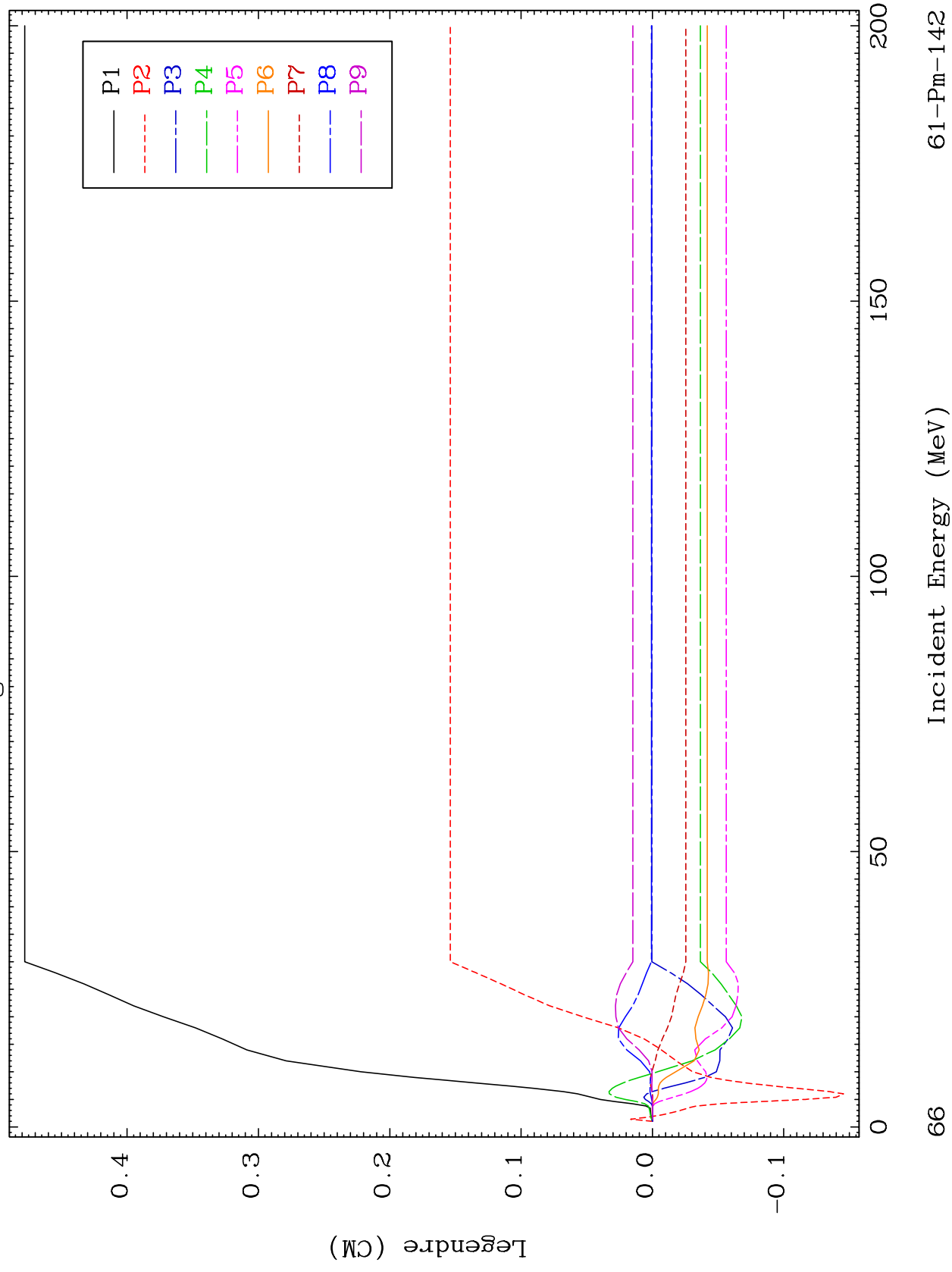


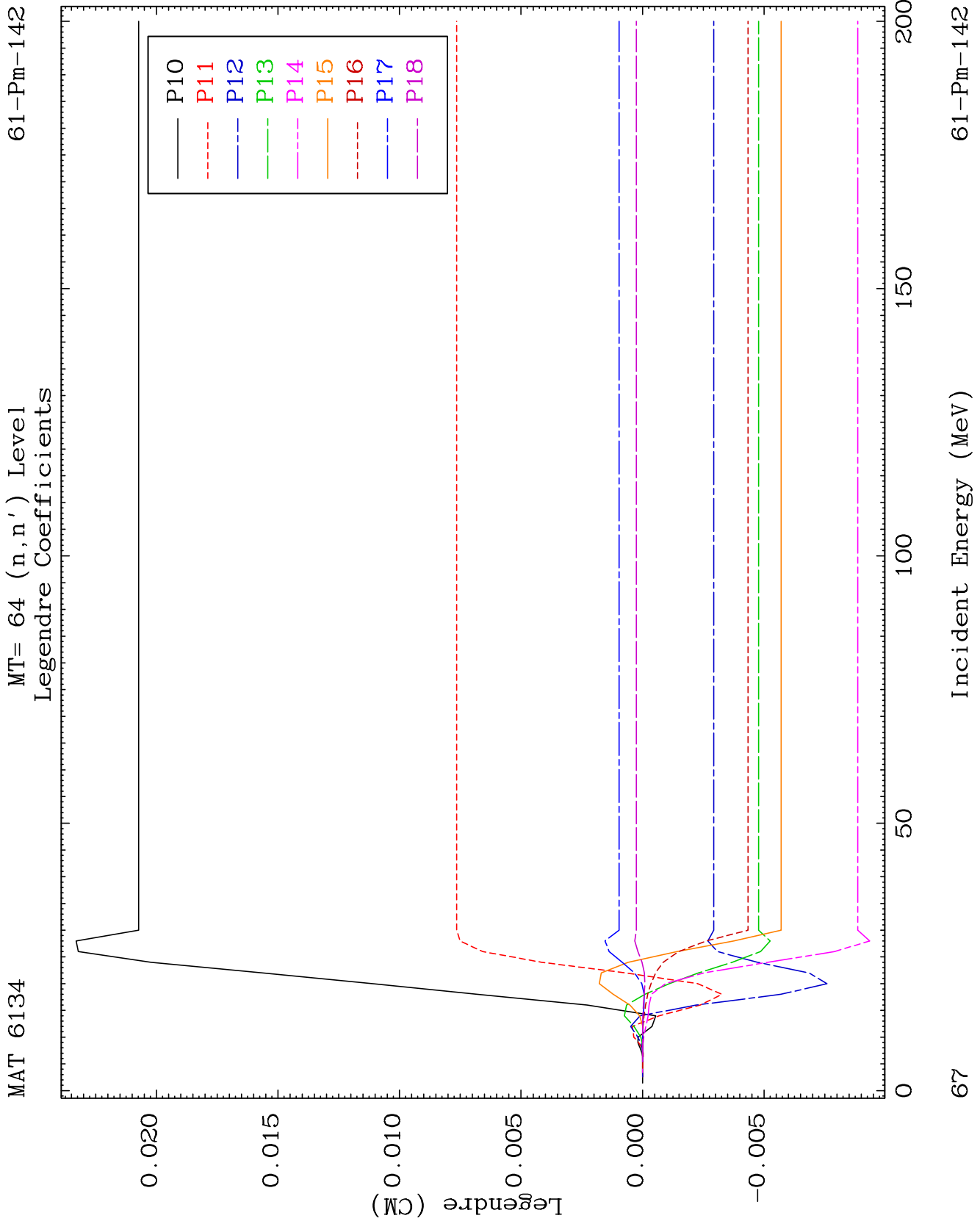


MAT 6134

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

61-Pm-142

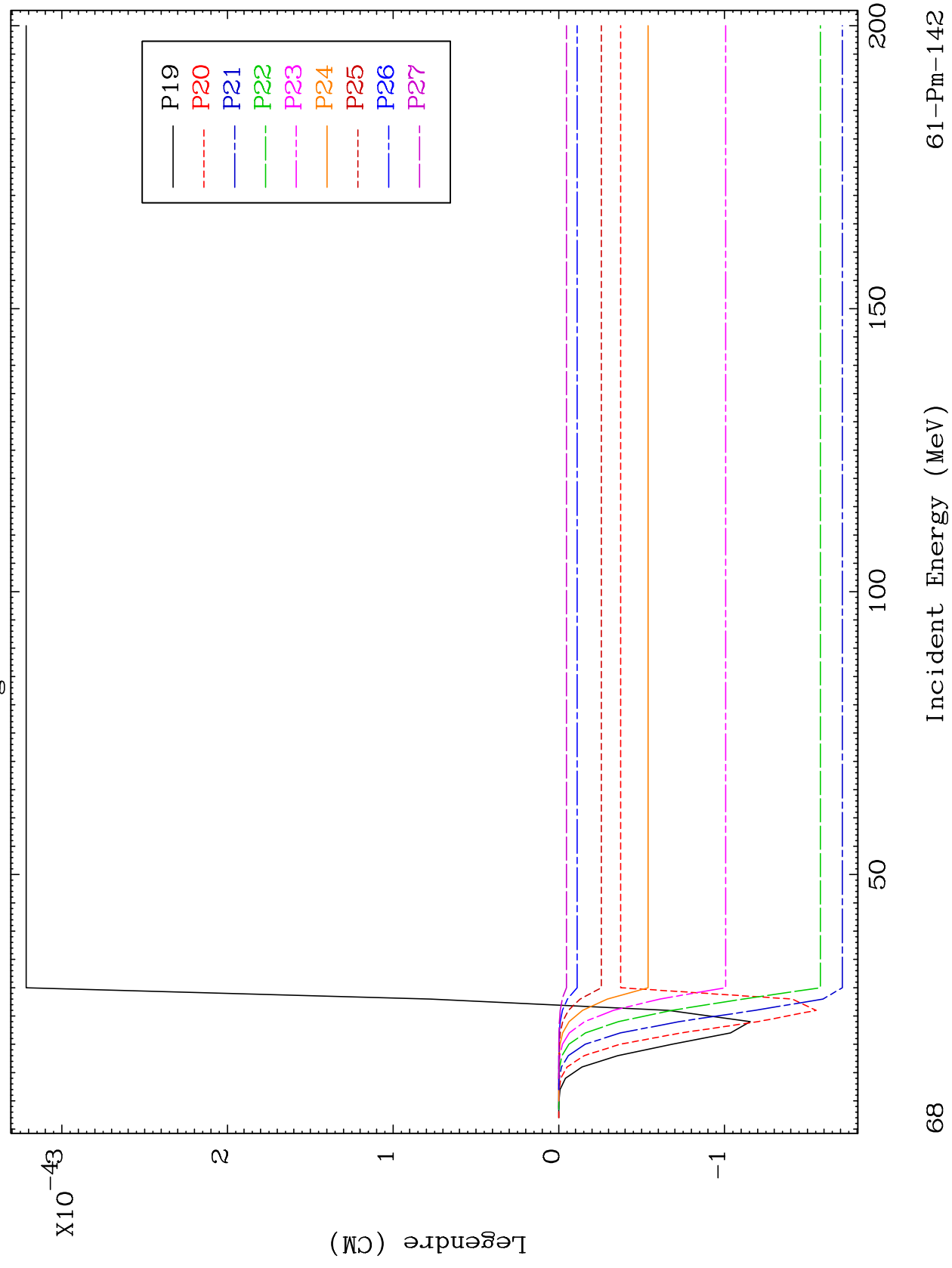


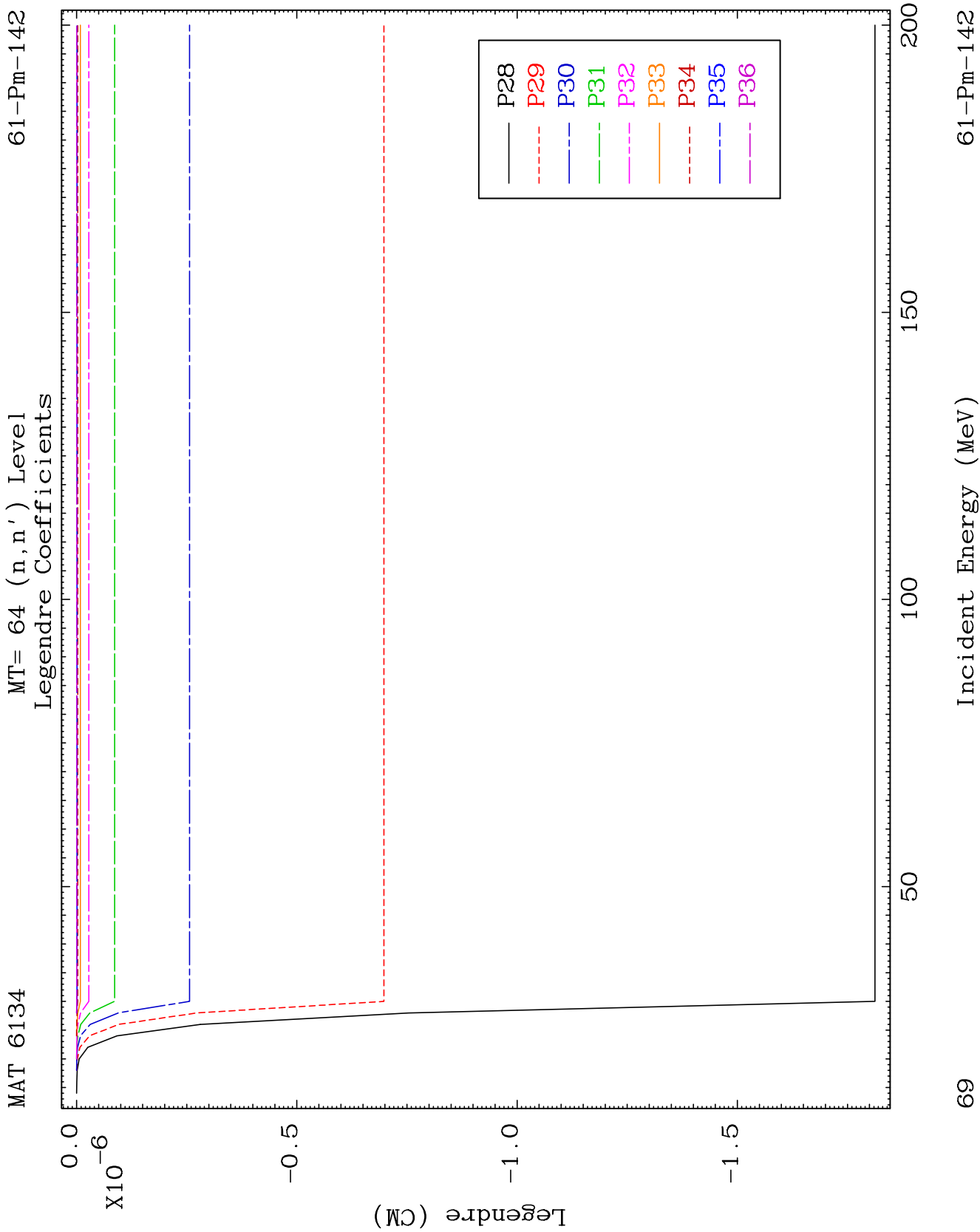


MAT 6134

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

61-Pm-142

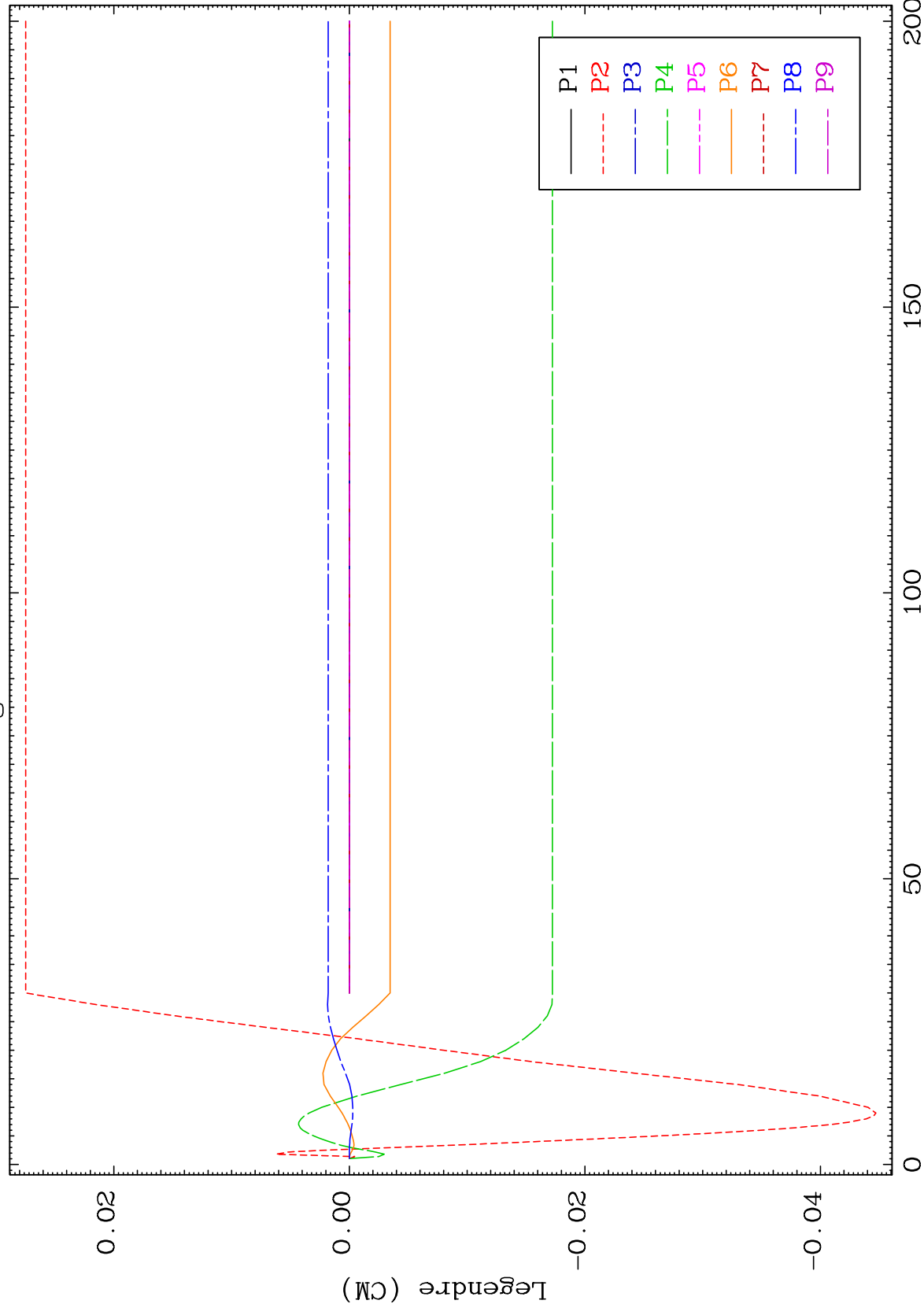




MAT 6134

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

61-Pm-142



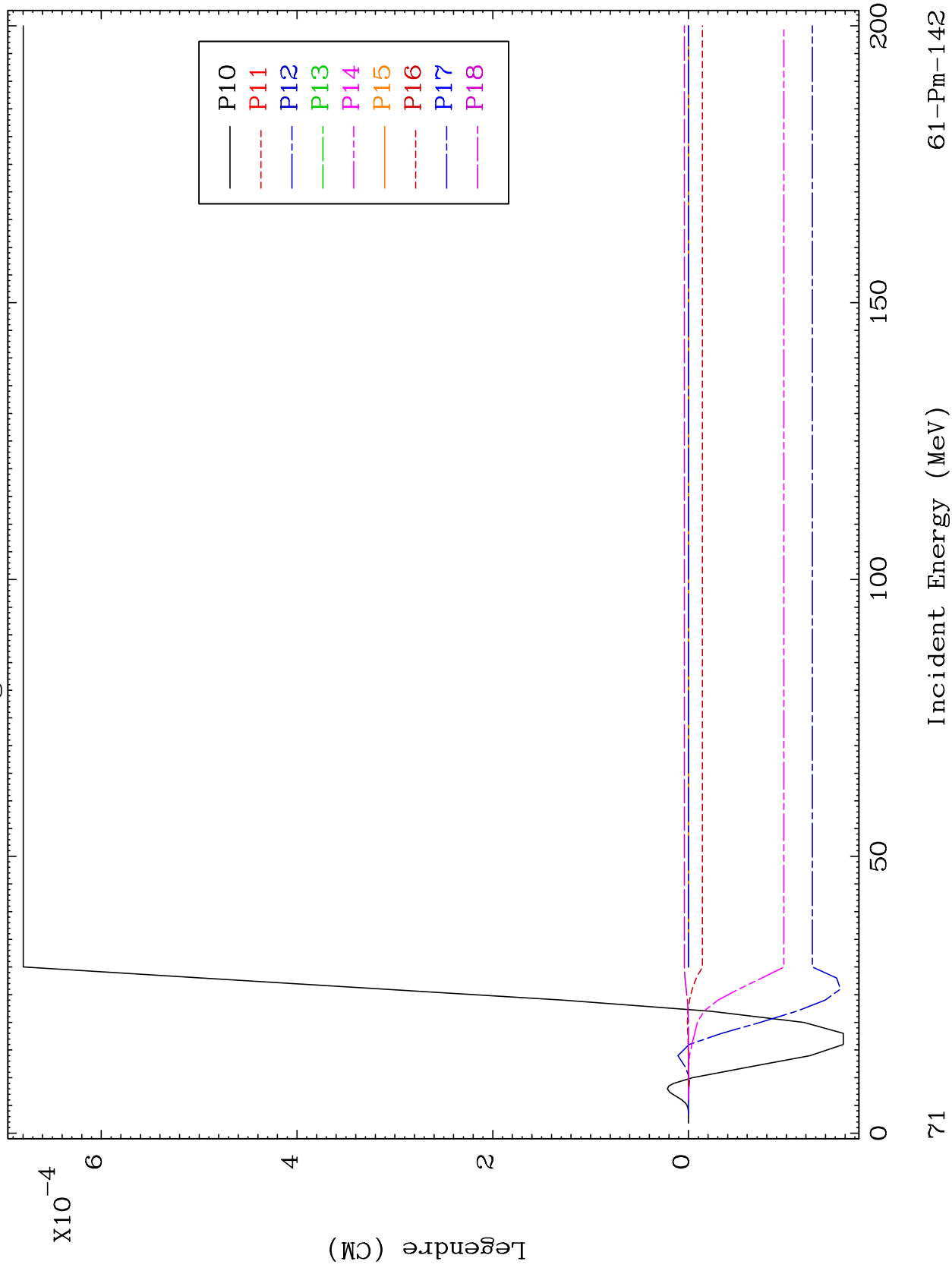
Incident Energy (MeV)

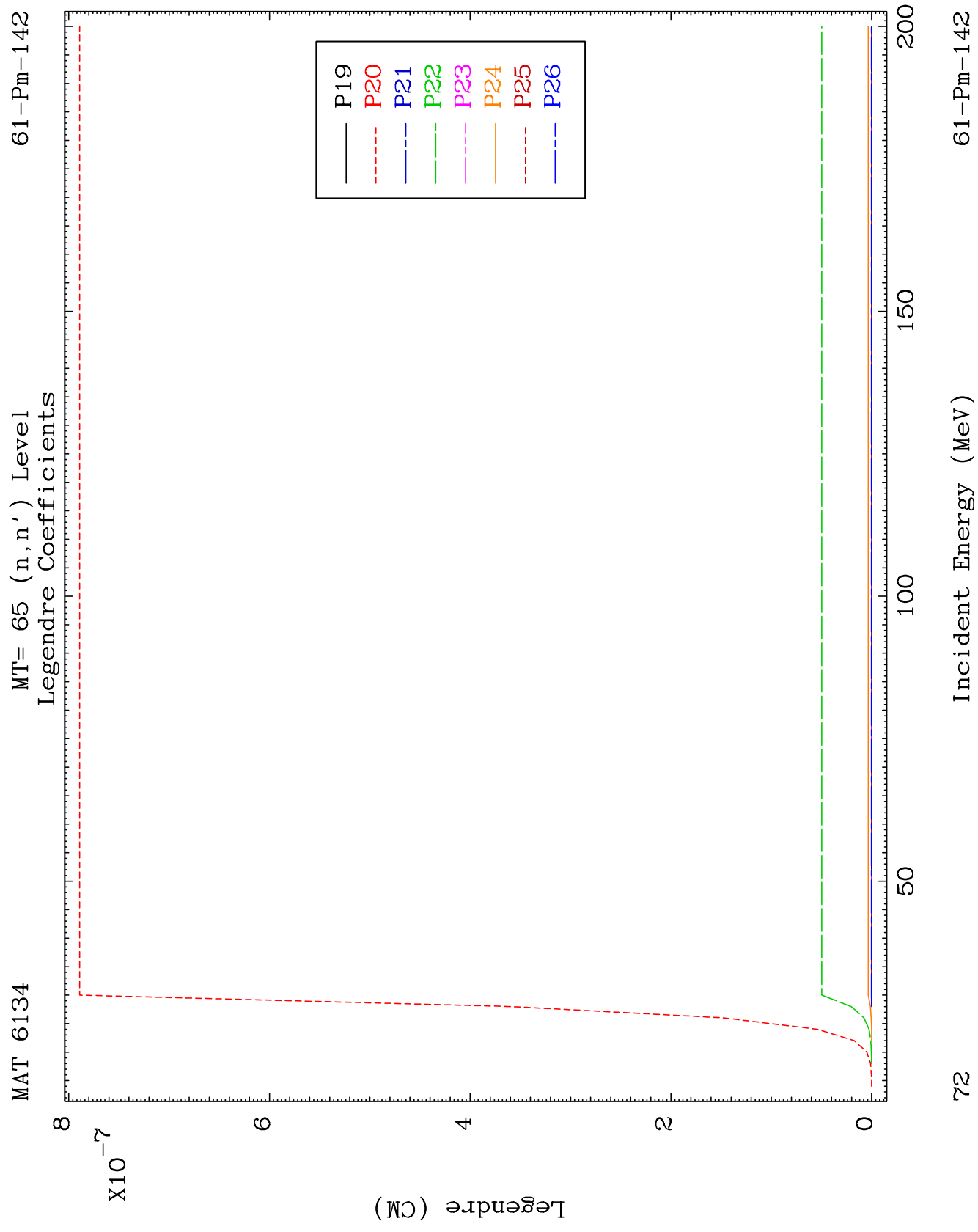
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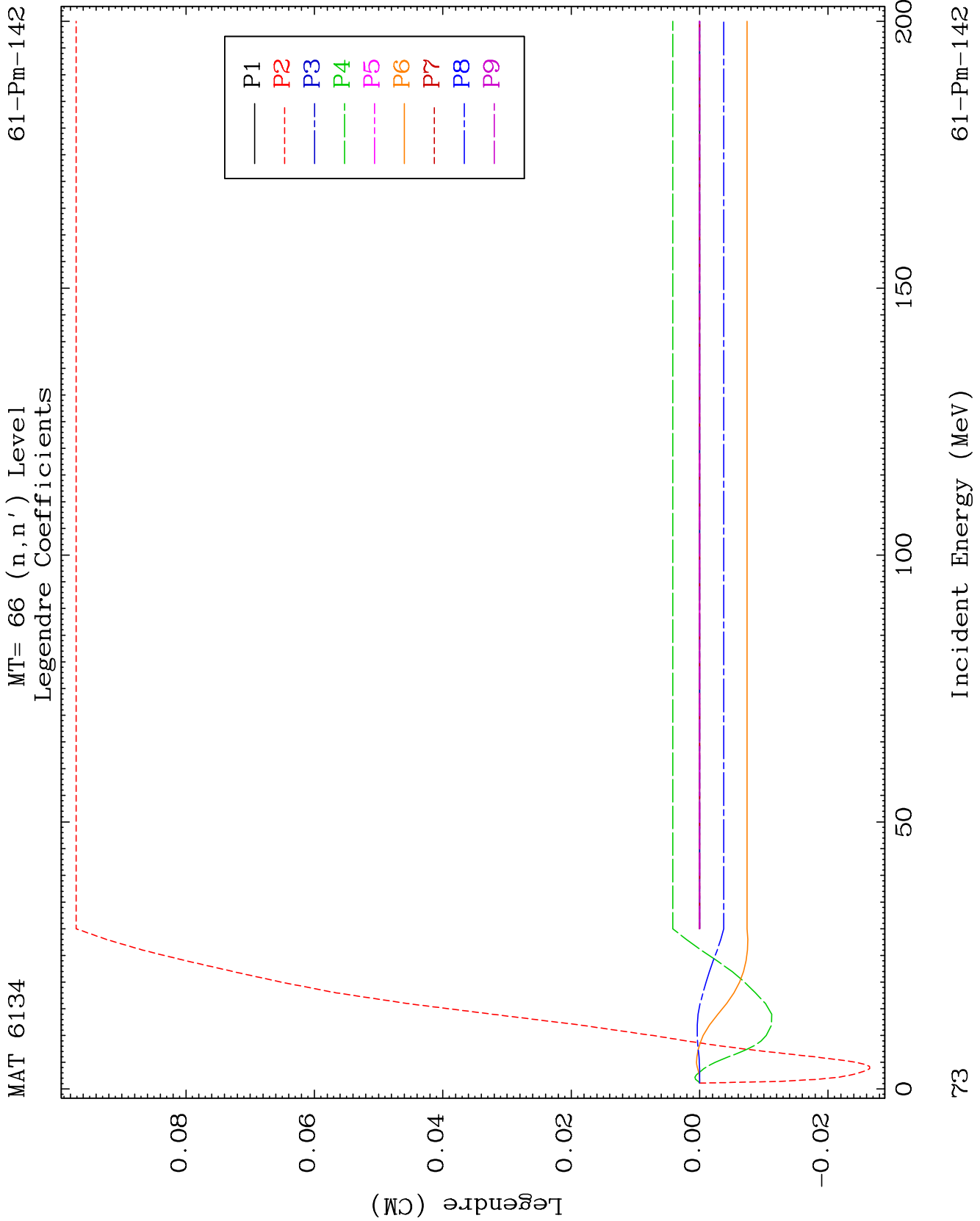
MAT 6134

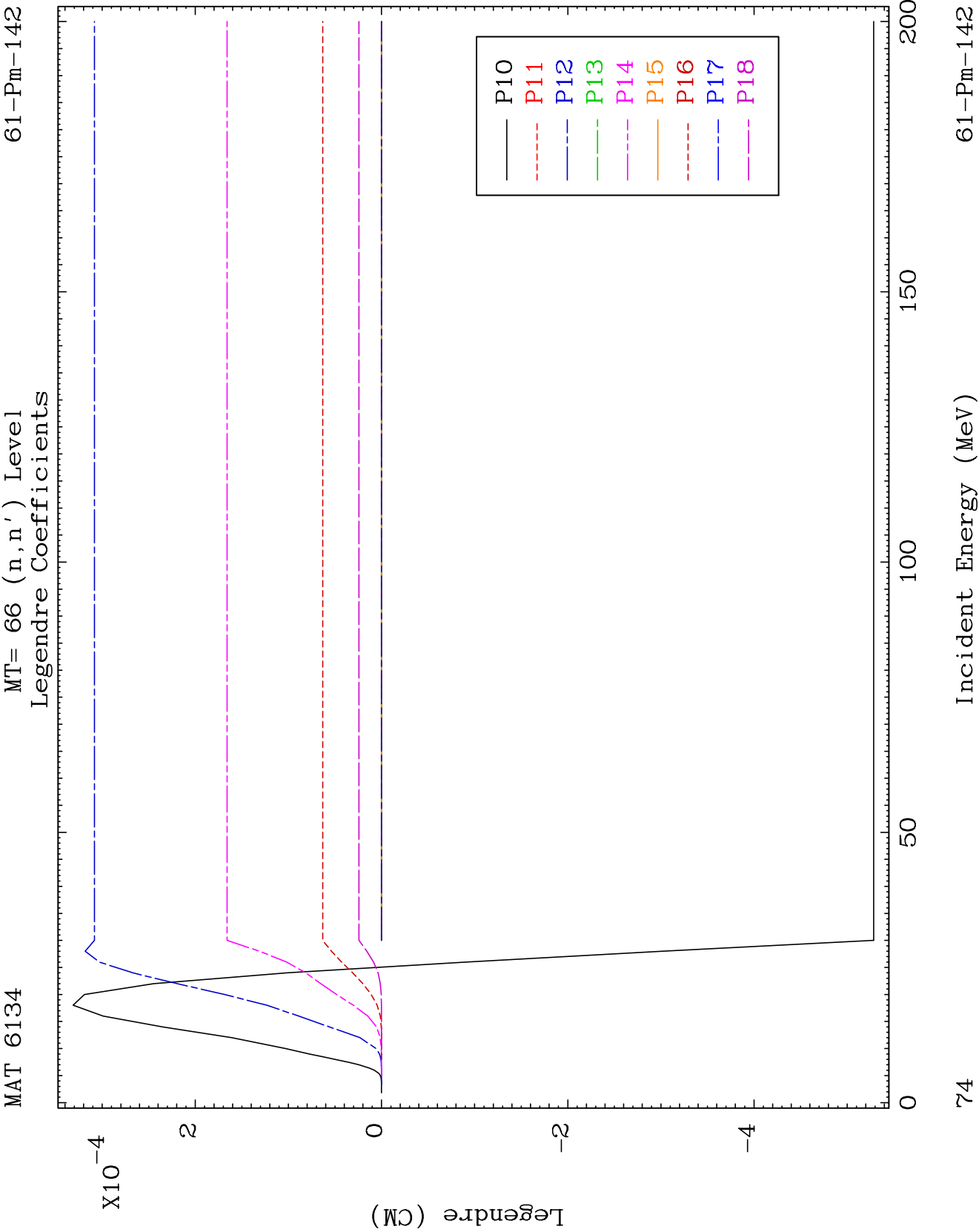
MT= 65 (n, n') Level
Legendre Coefficients

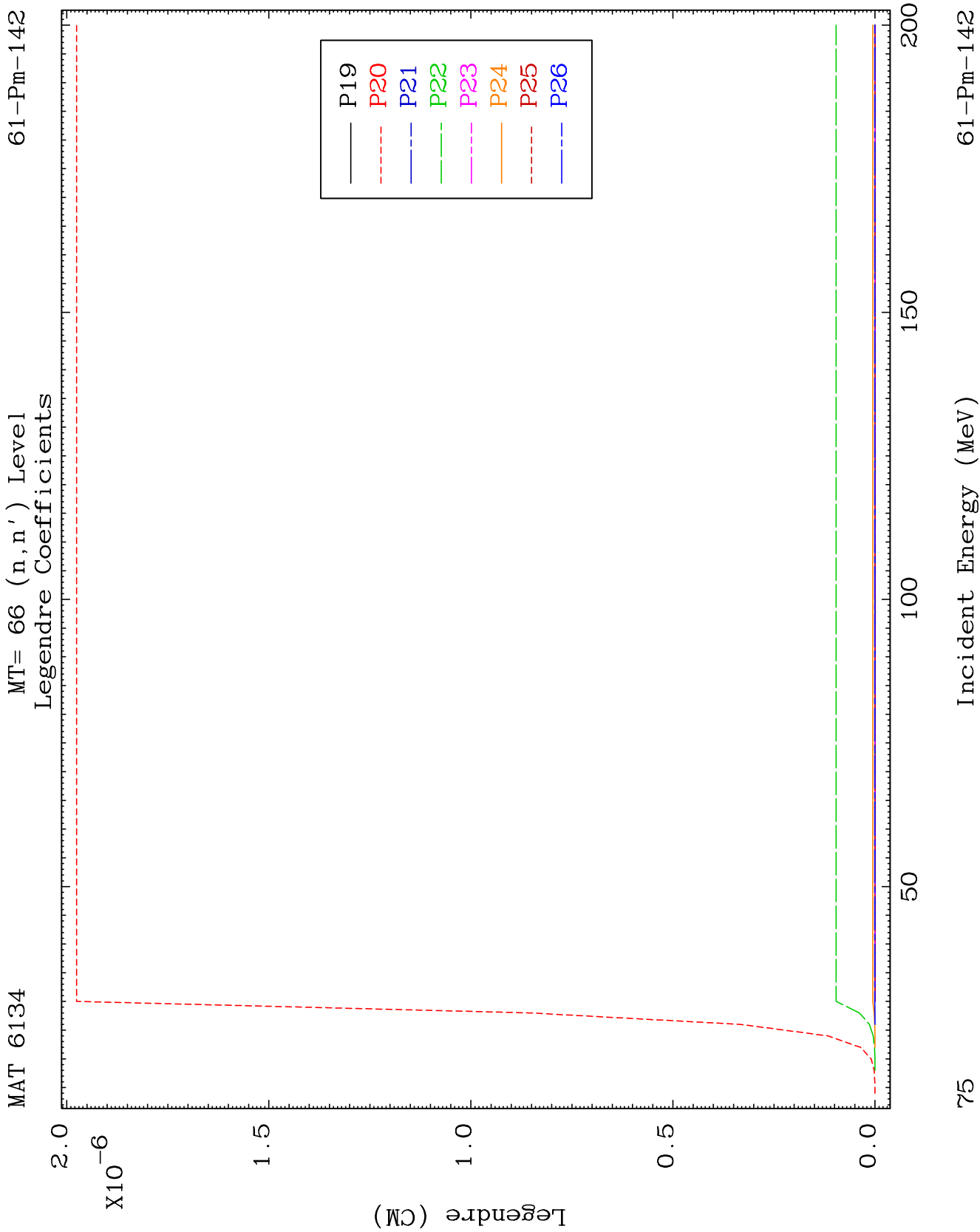
61-Pm-142







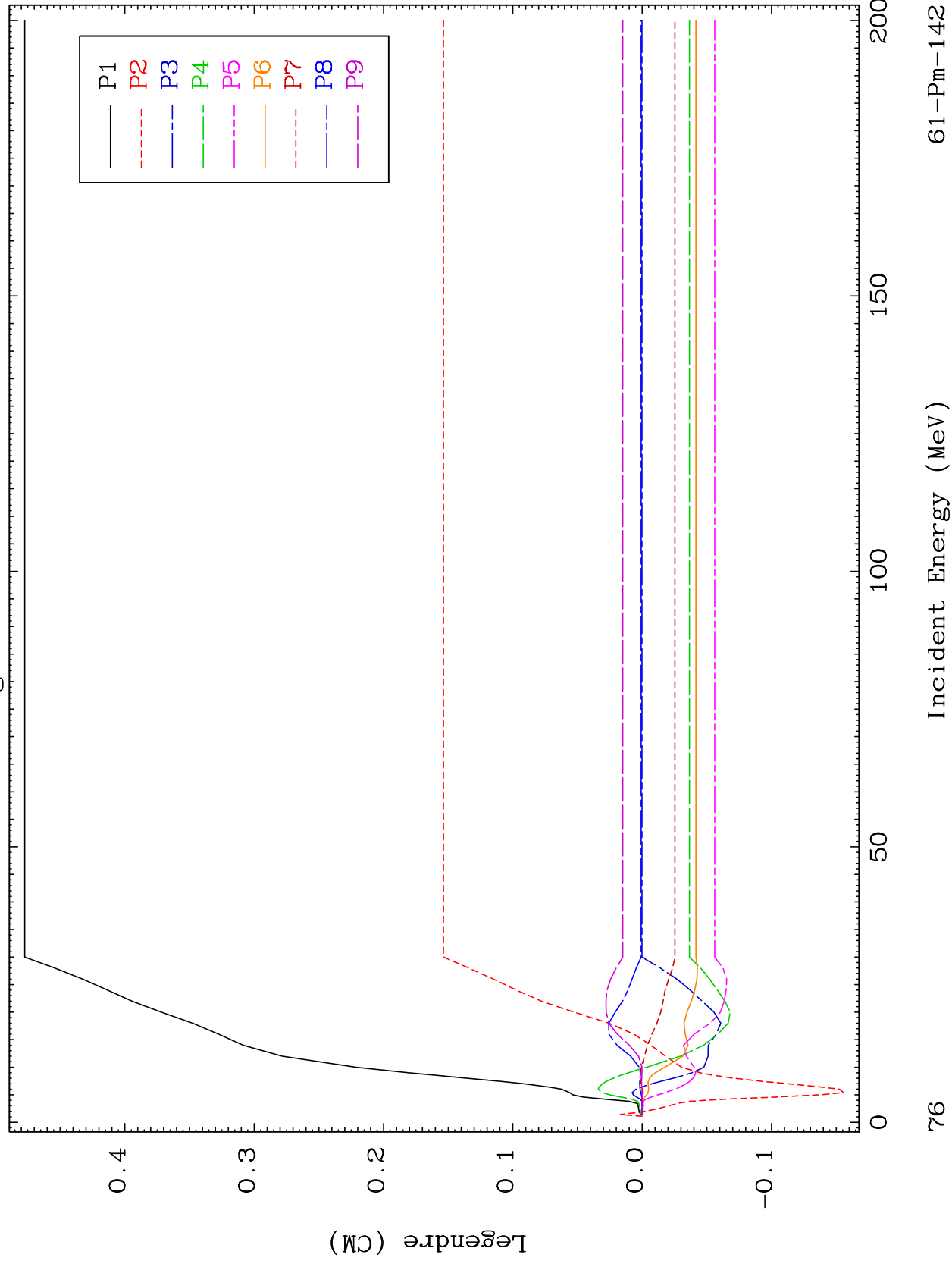


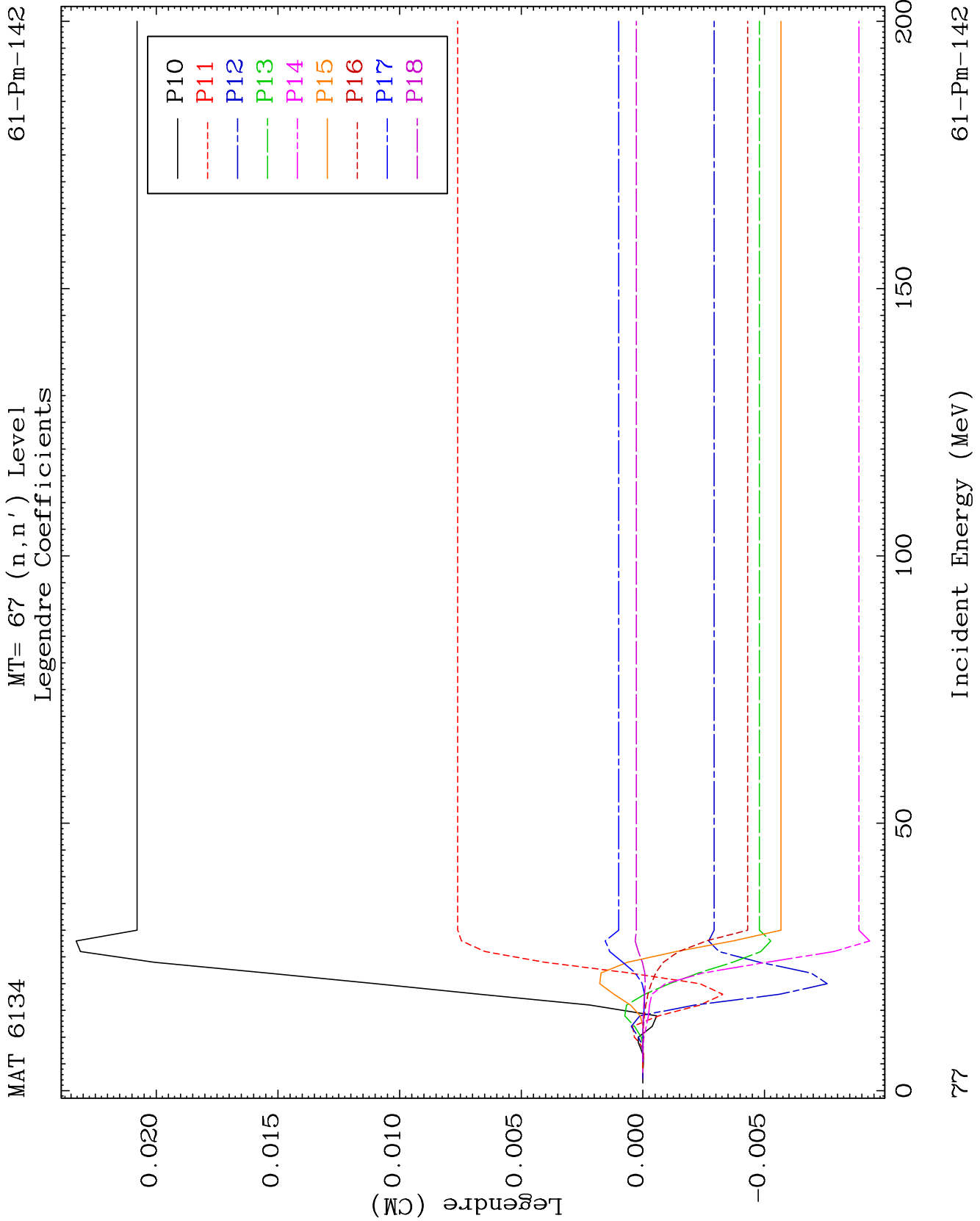


MAT 6134

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

61-Pm-142

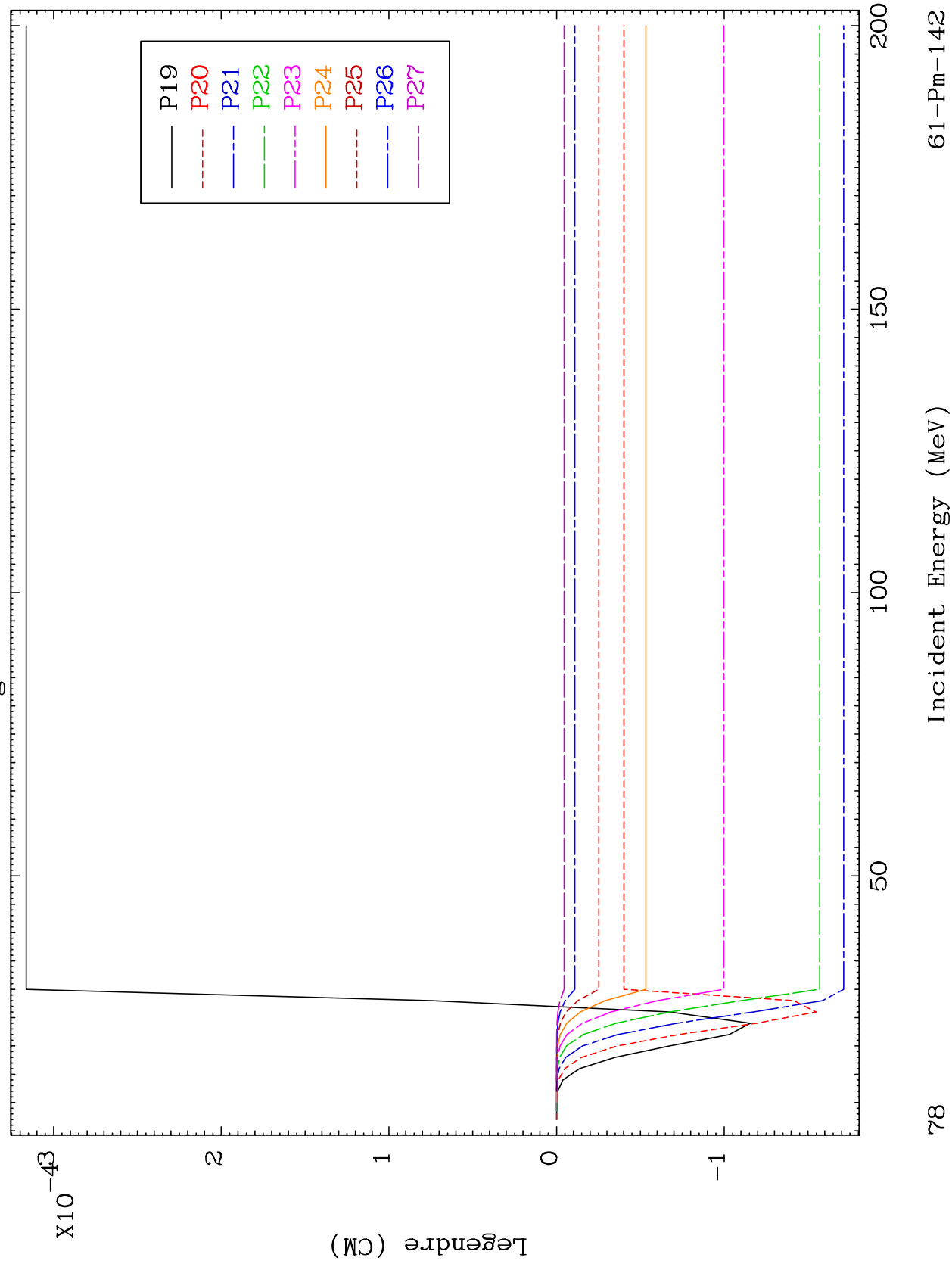


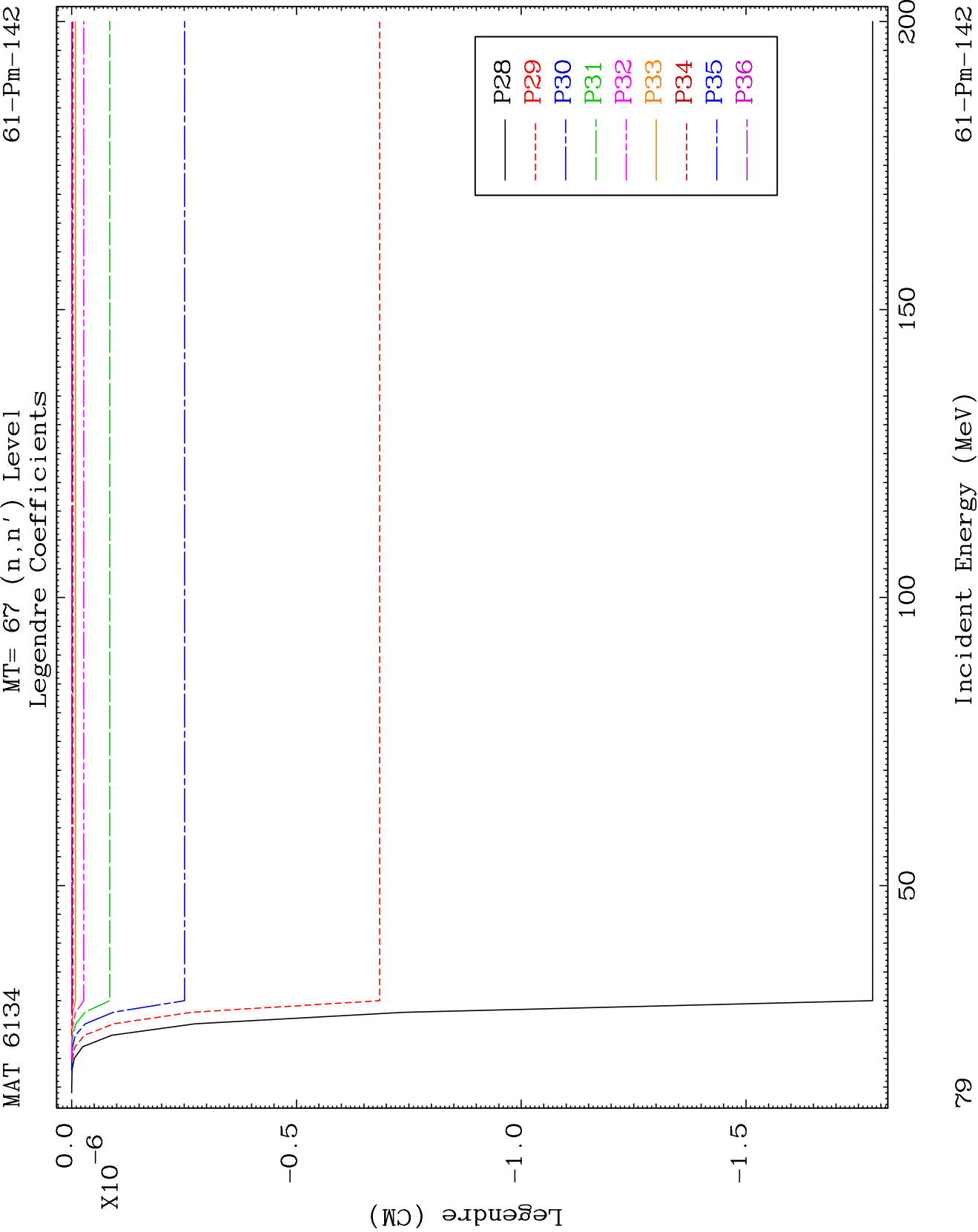


MAT 6134

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

61-Pm-142

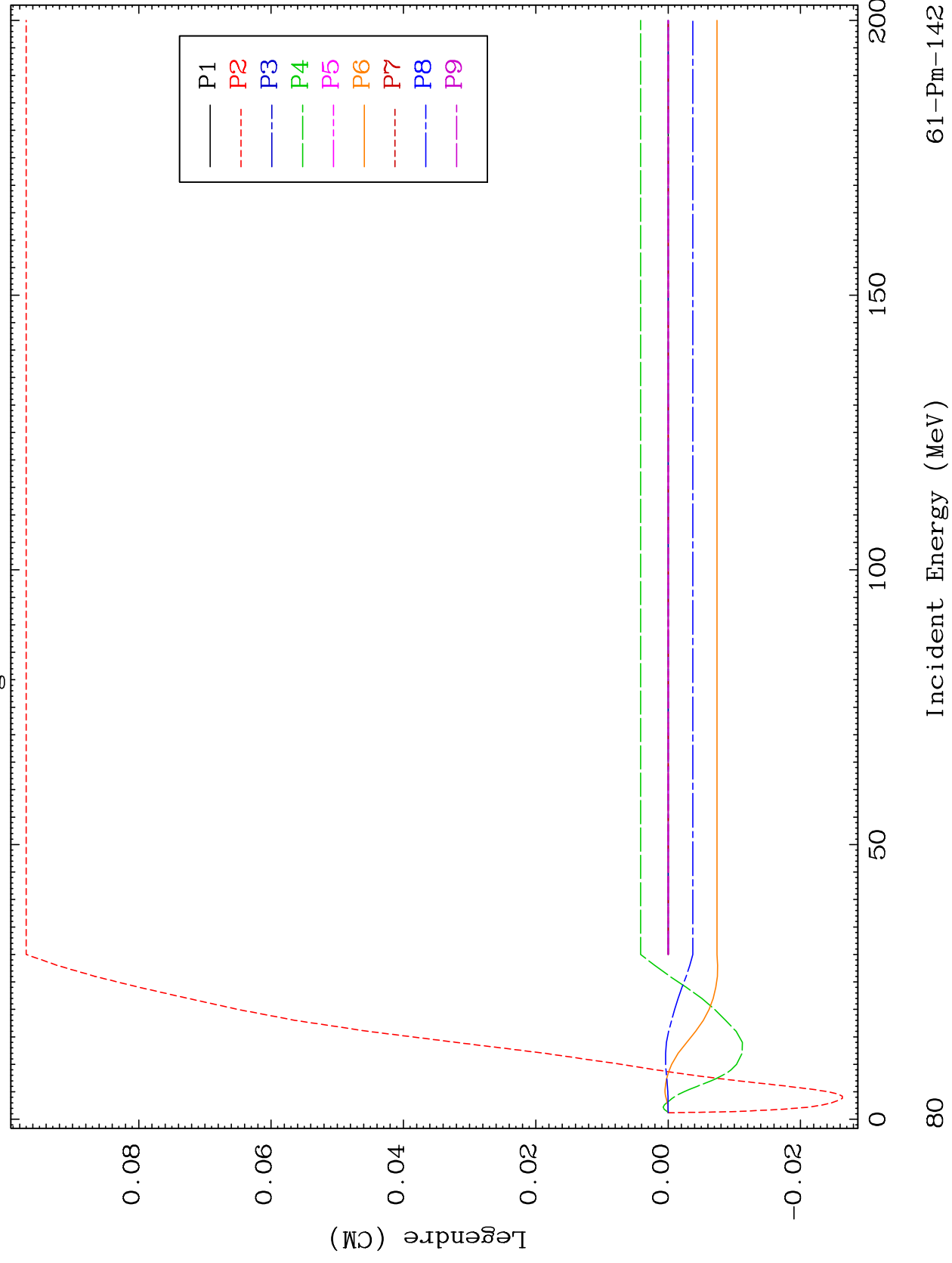


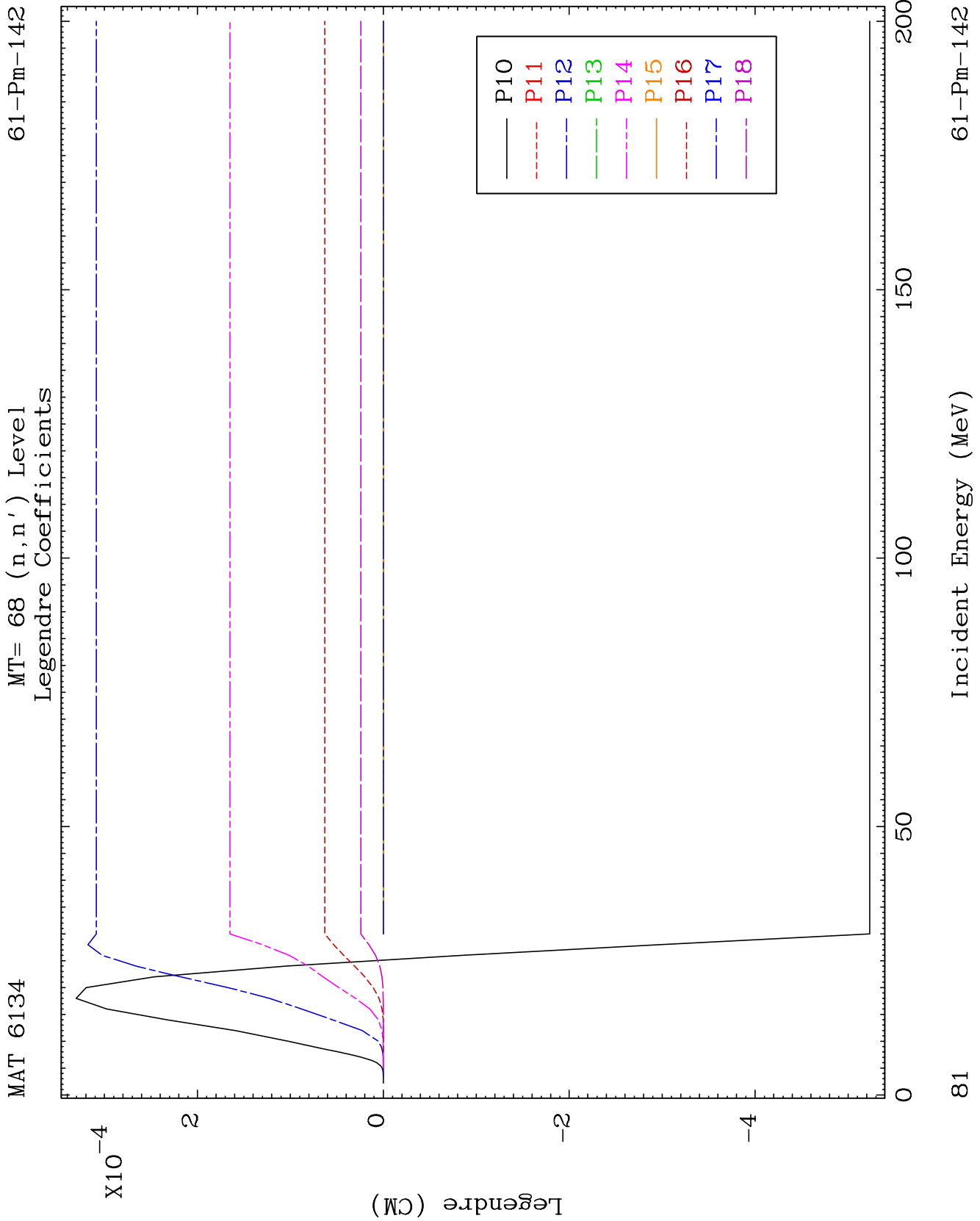


MAT 6134

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

61-Pm-142

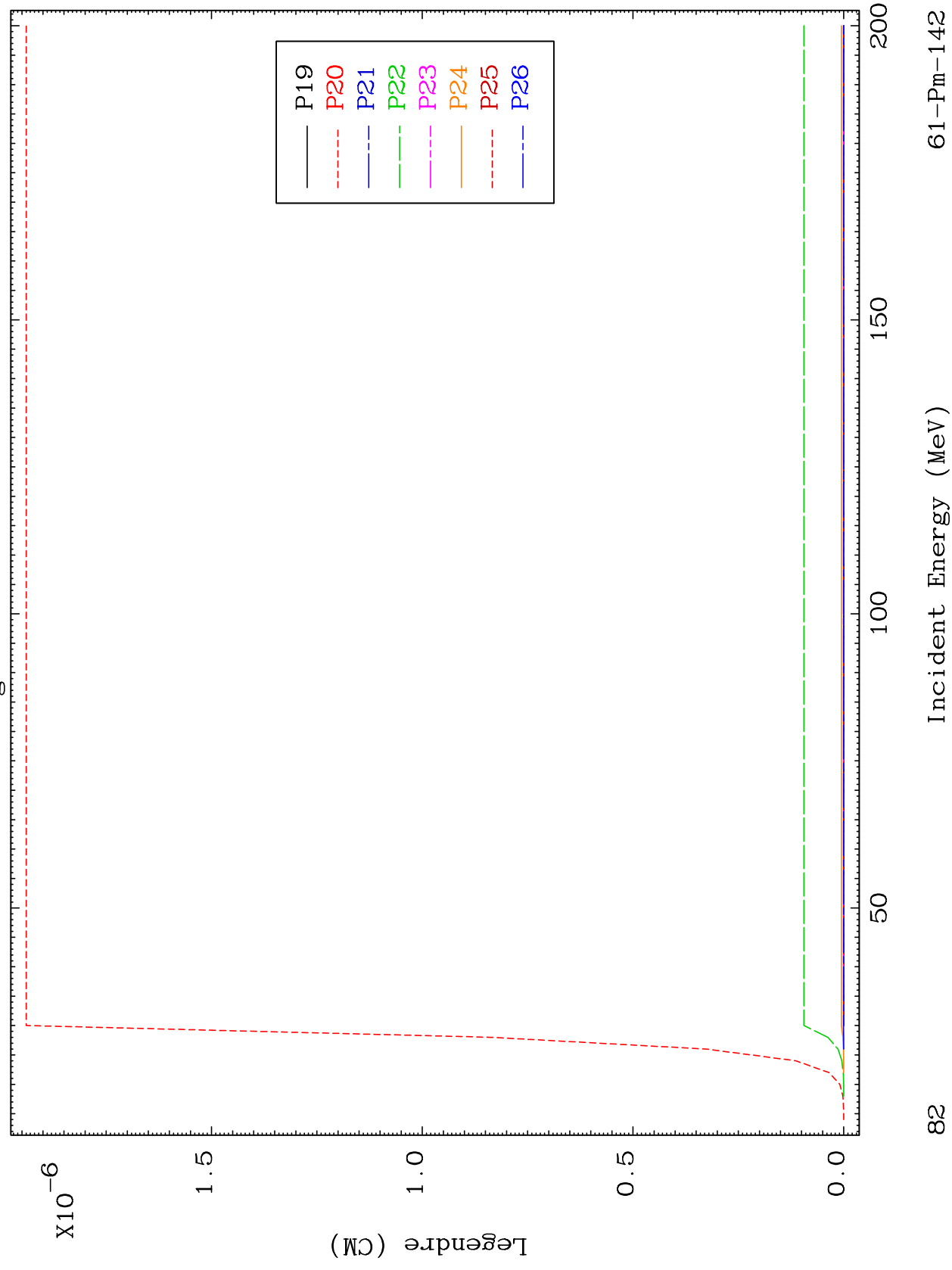


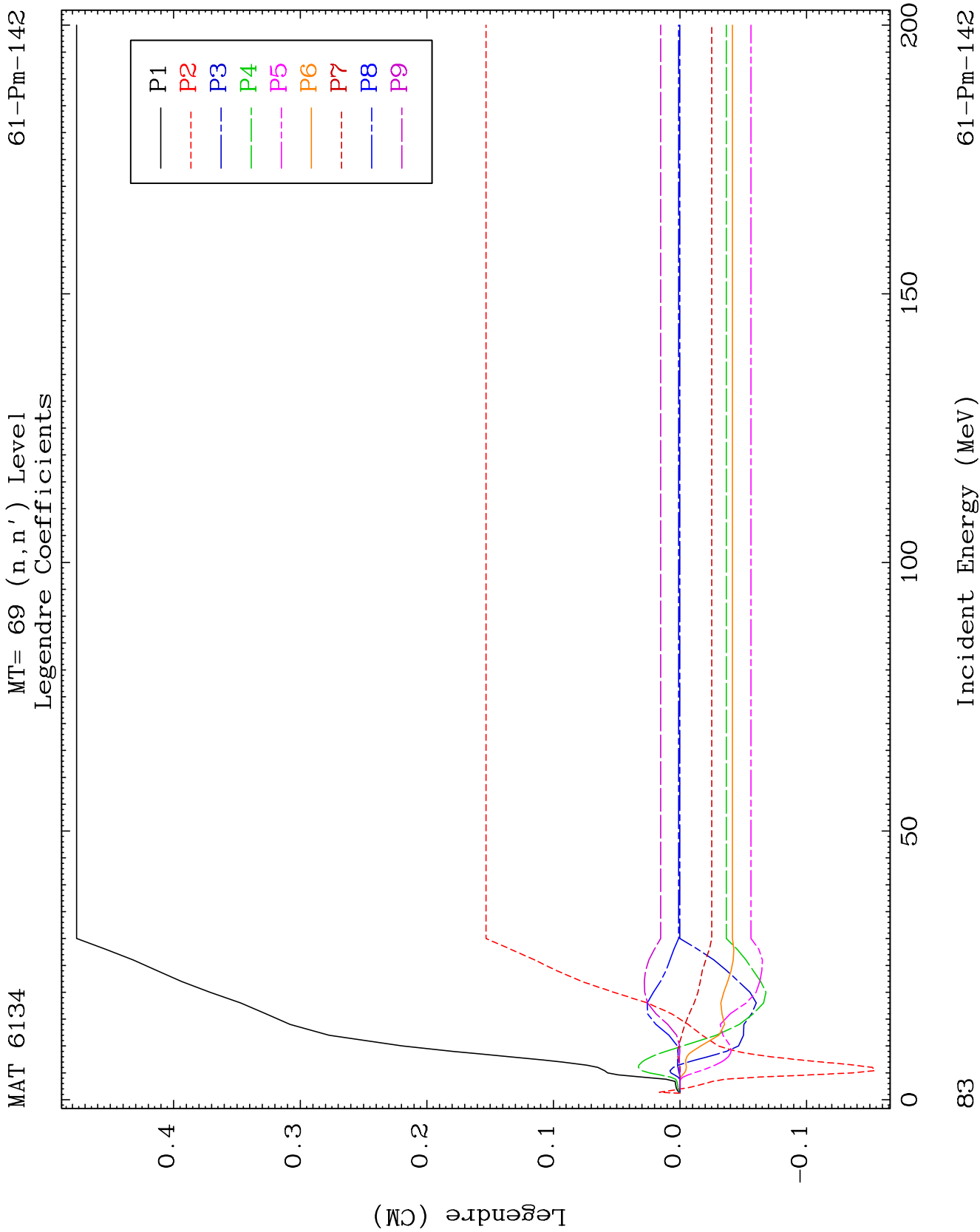


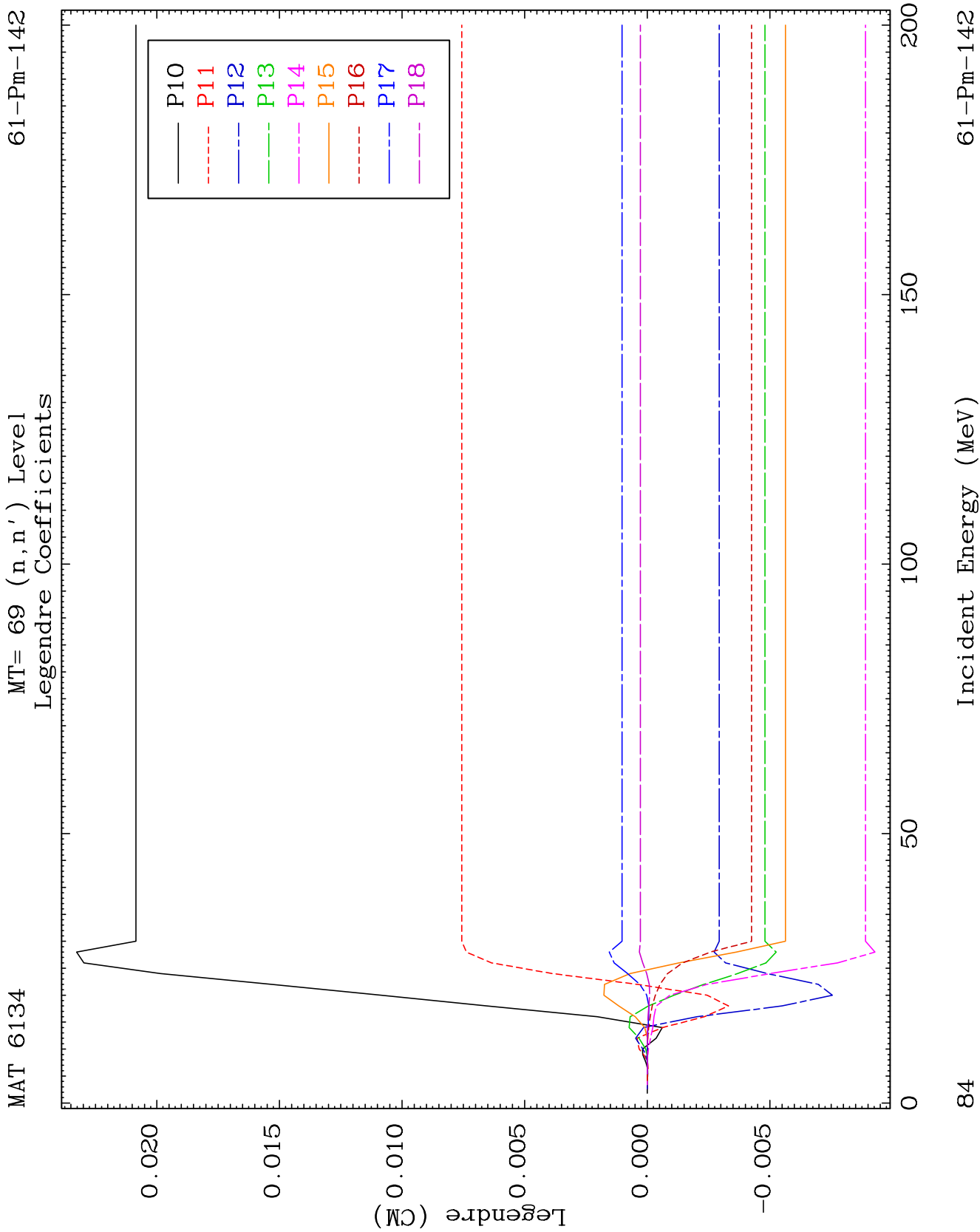
MAT 6134

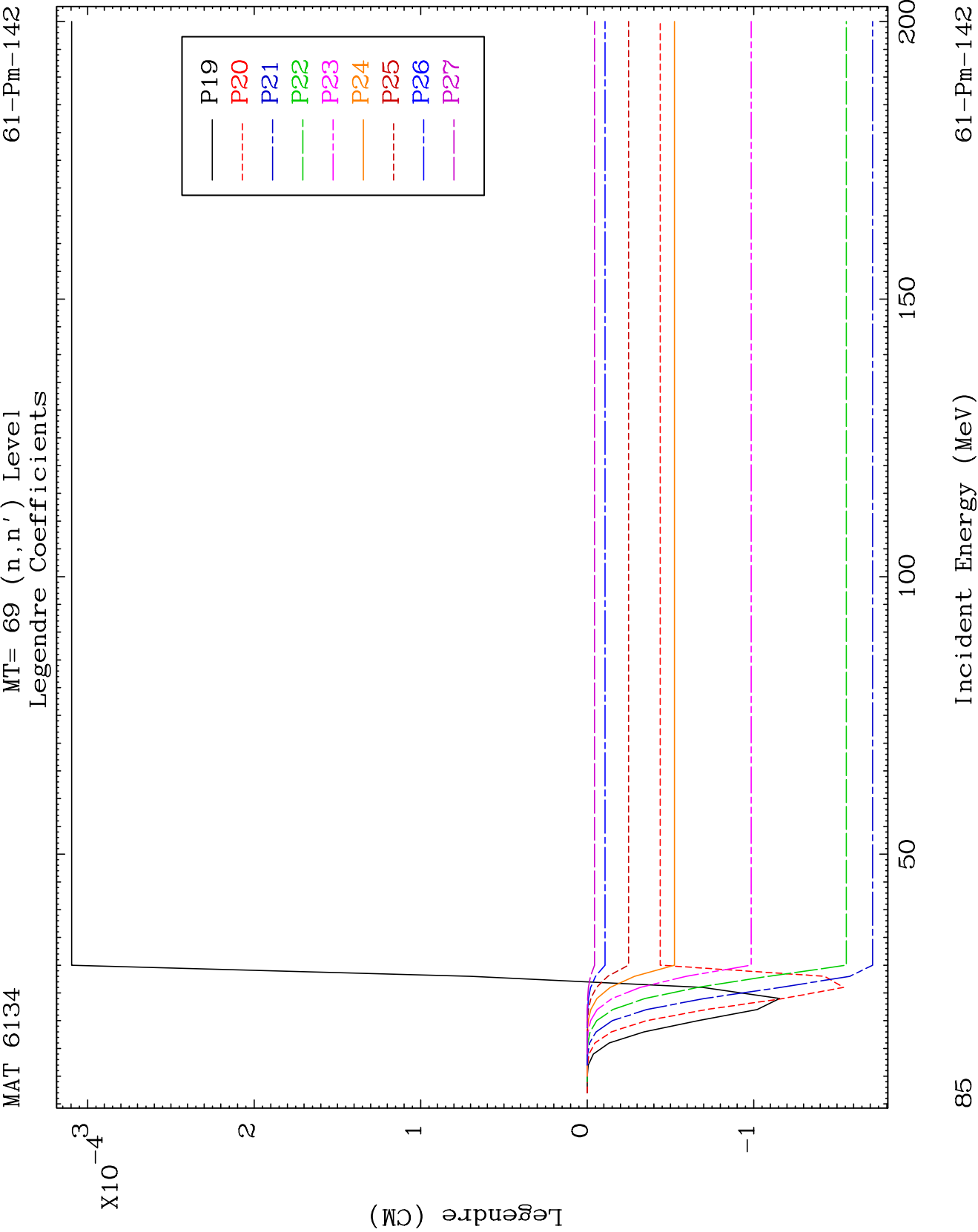
MT= 68 (n, n') Level
Legendre Coefficients

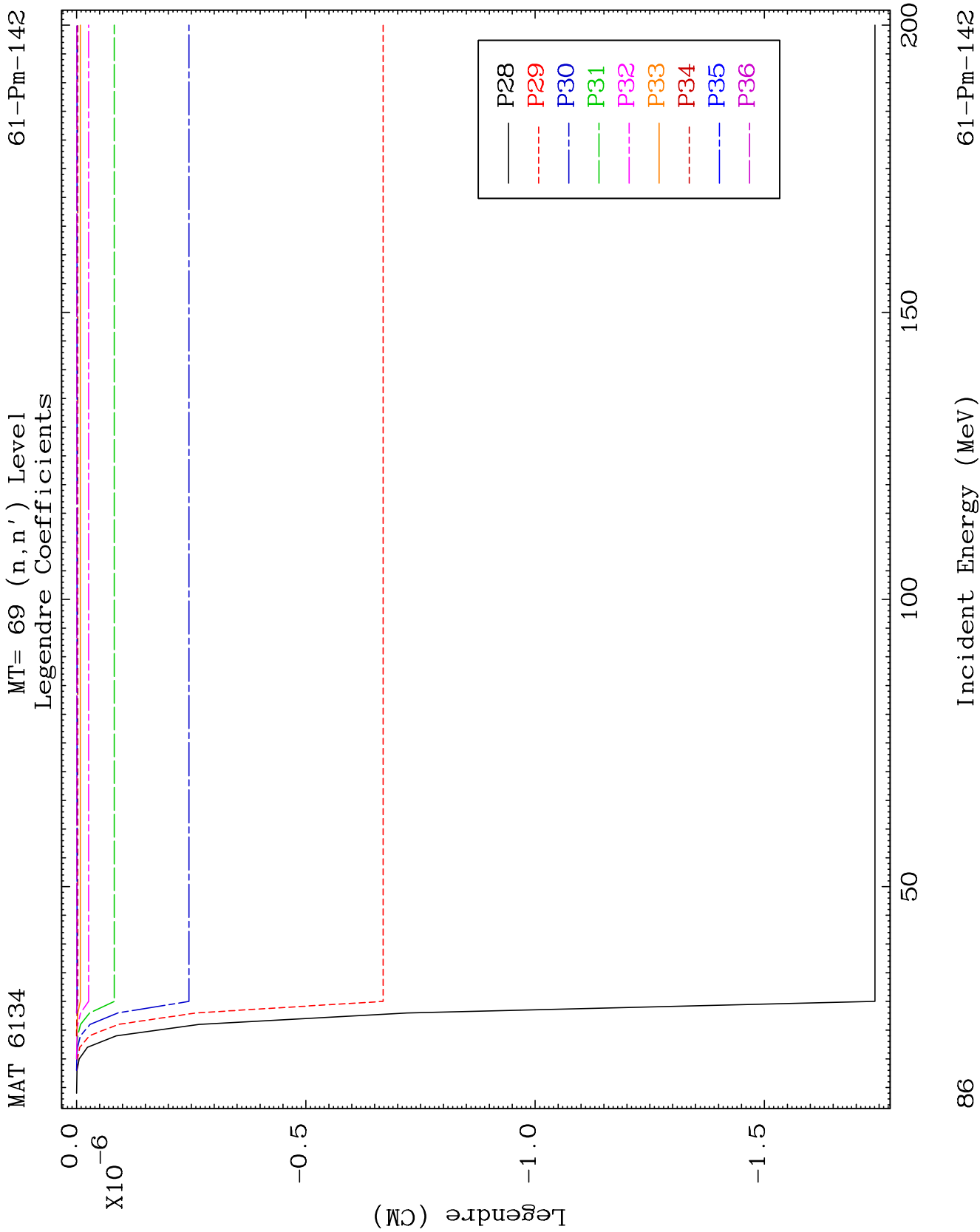
61-Pm-142

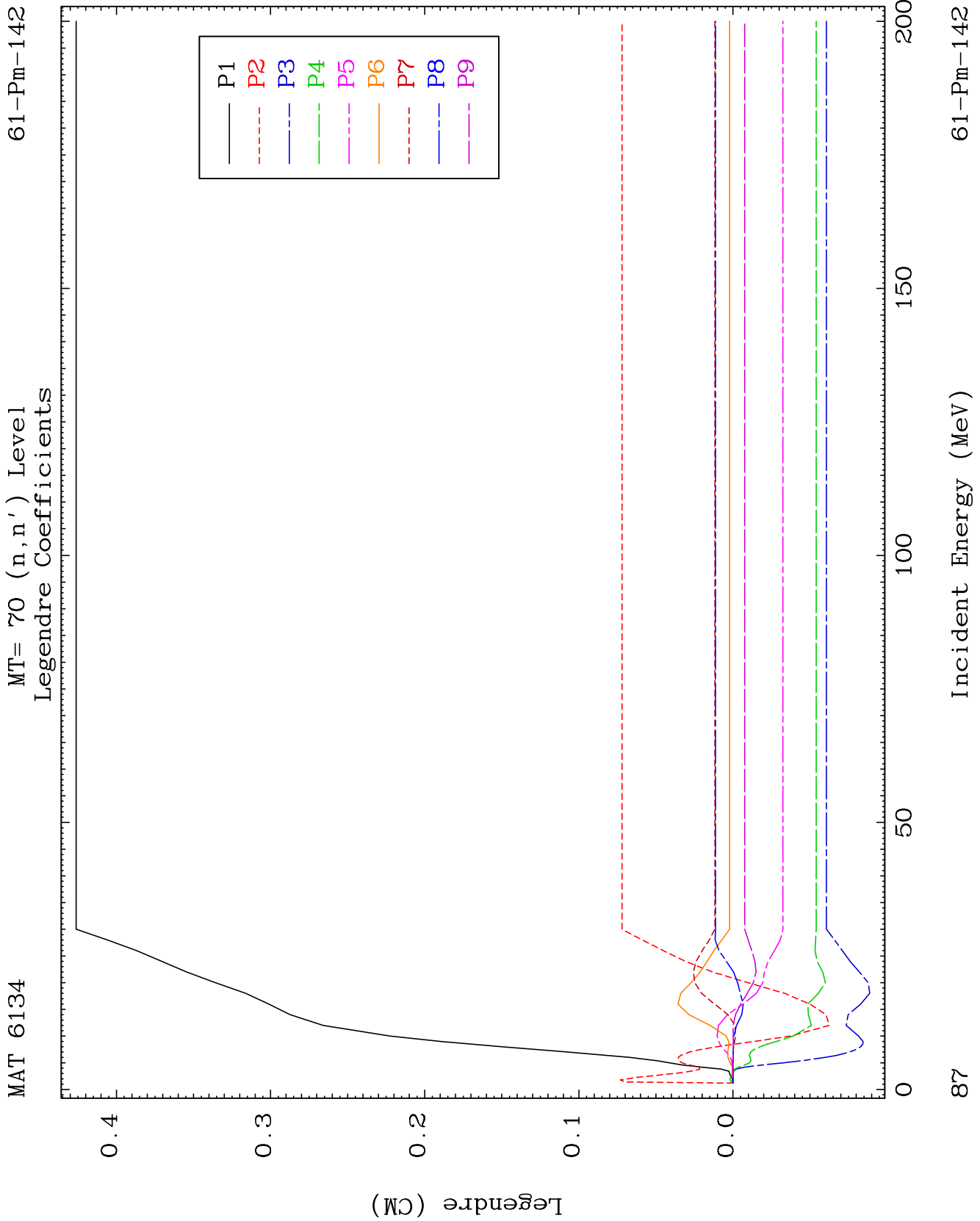


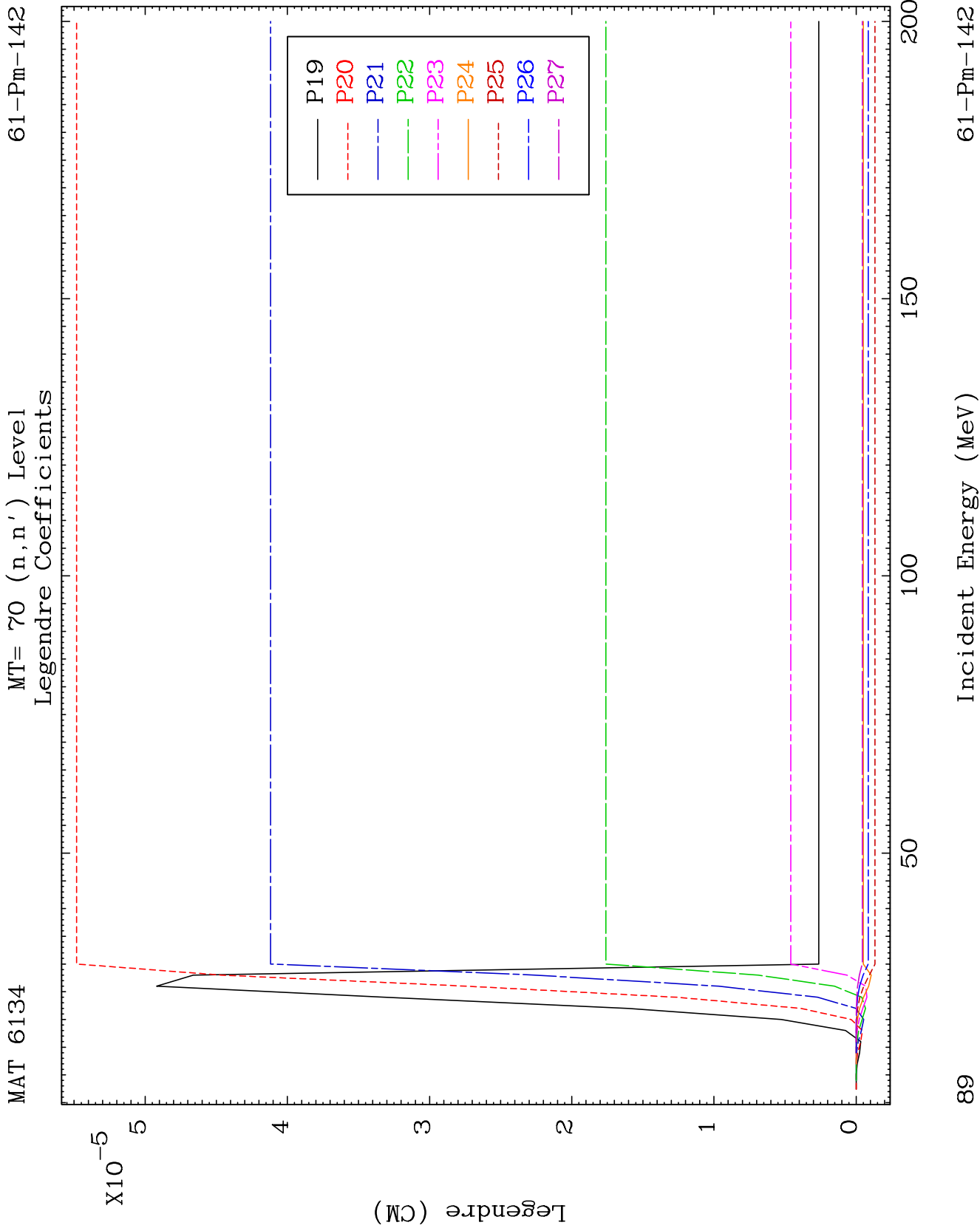


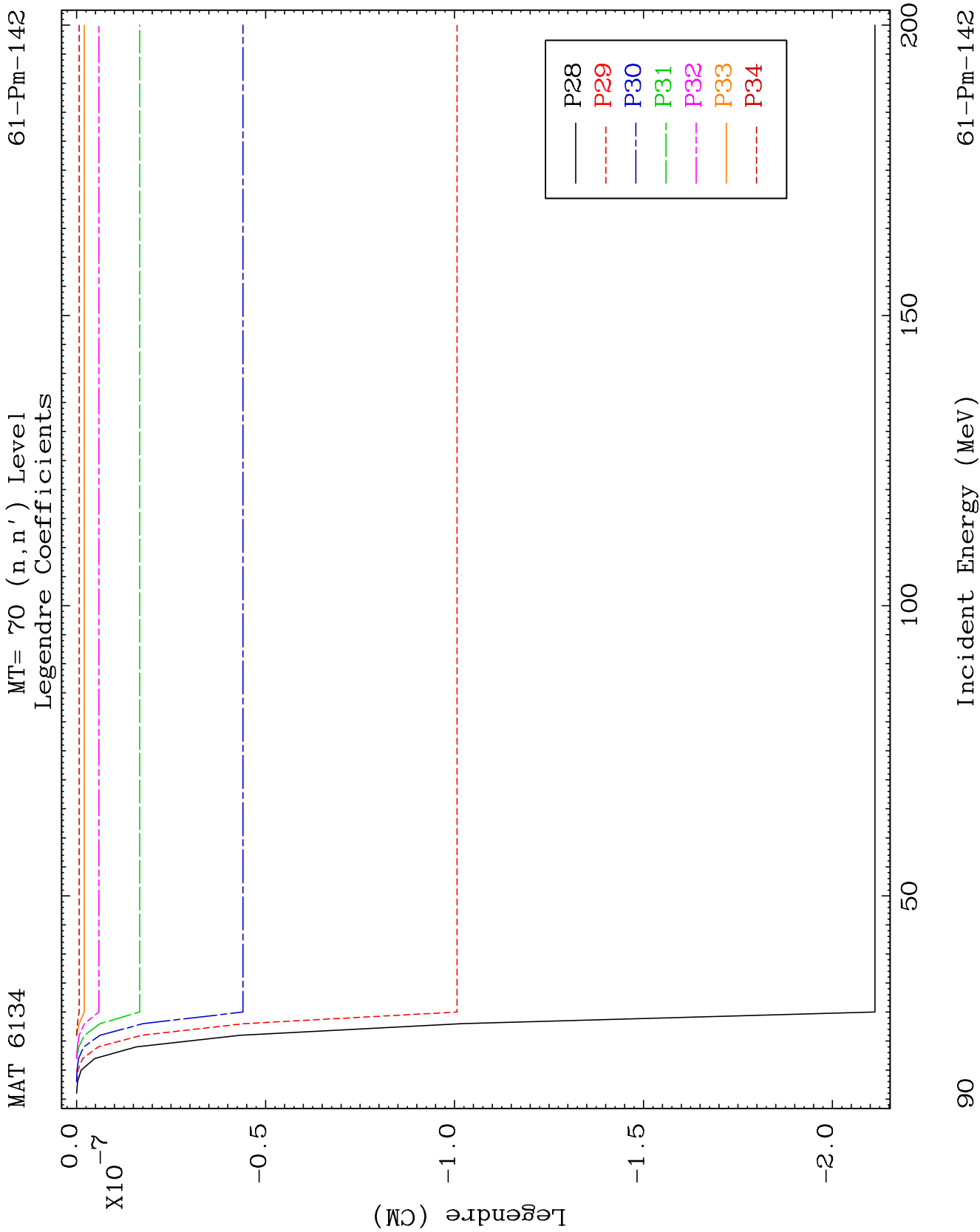


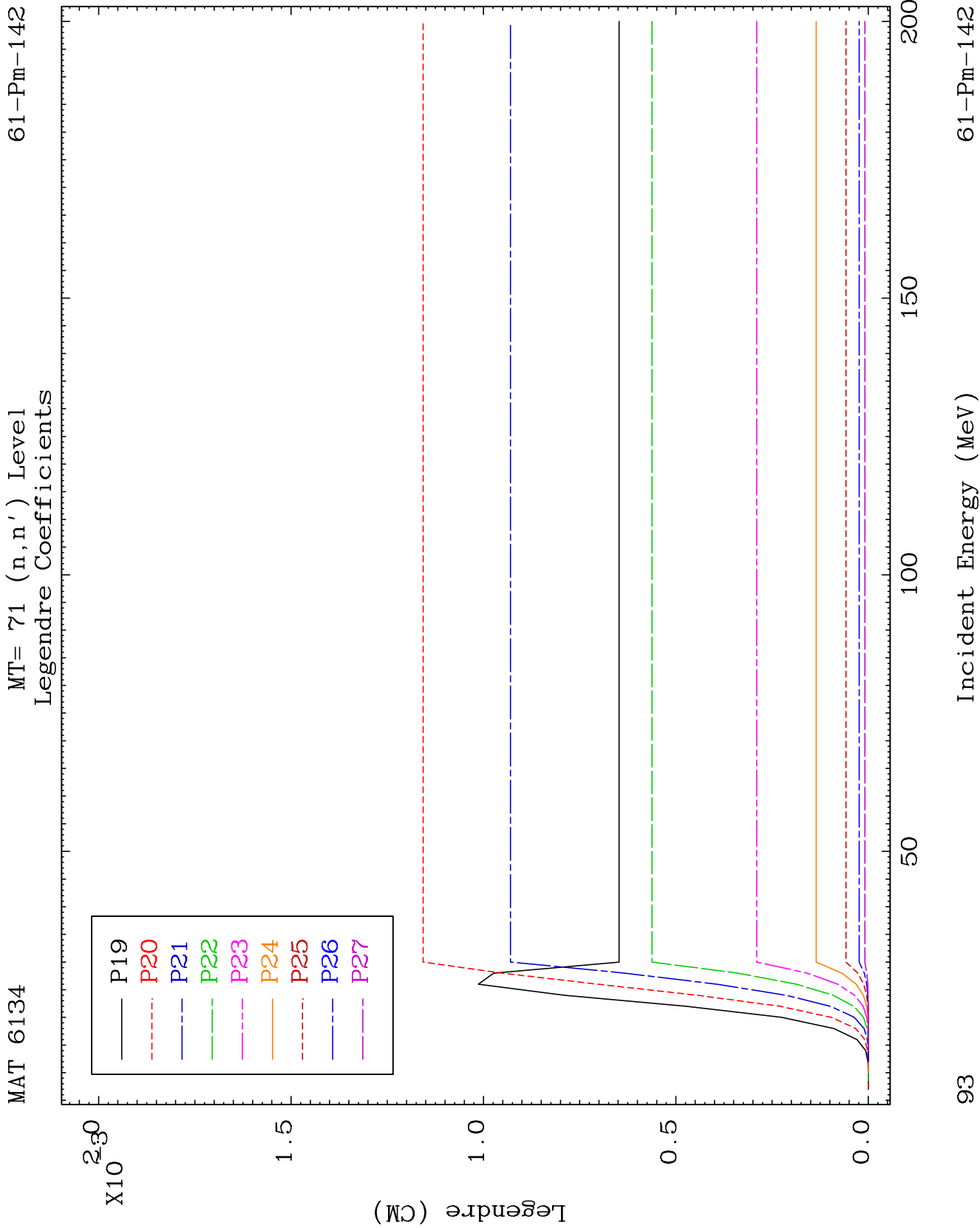


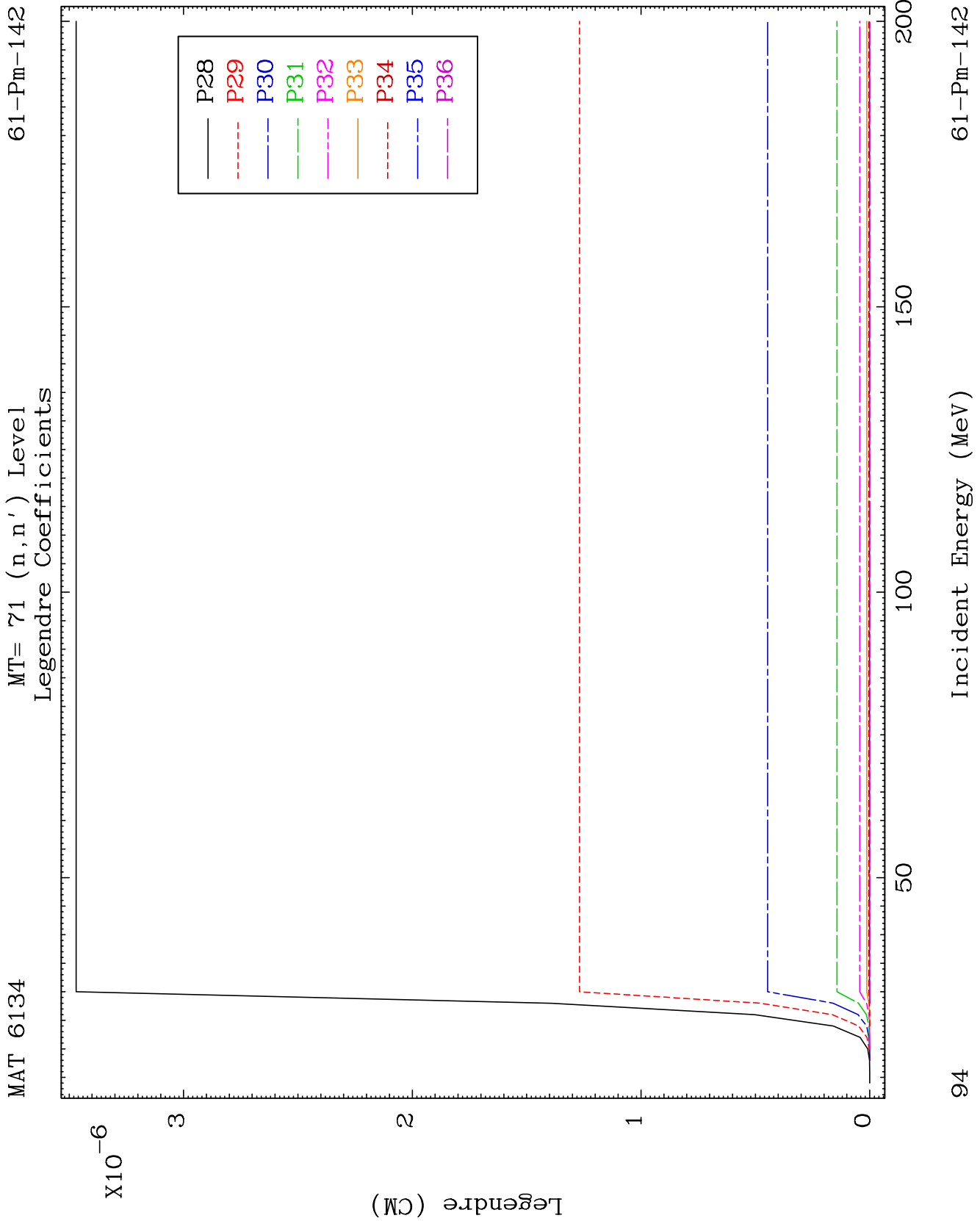








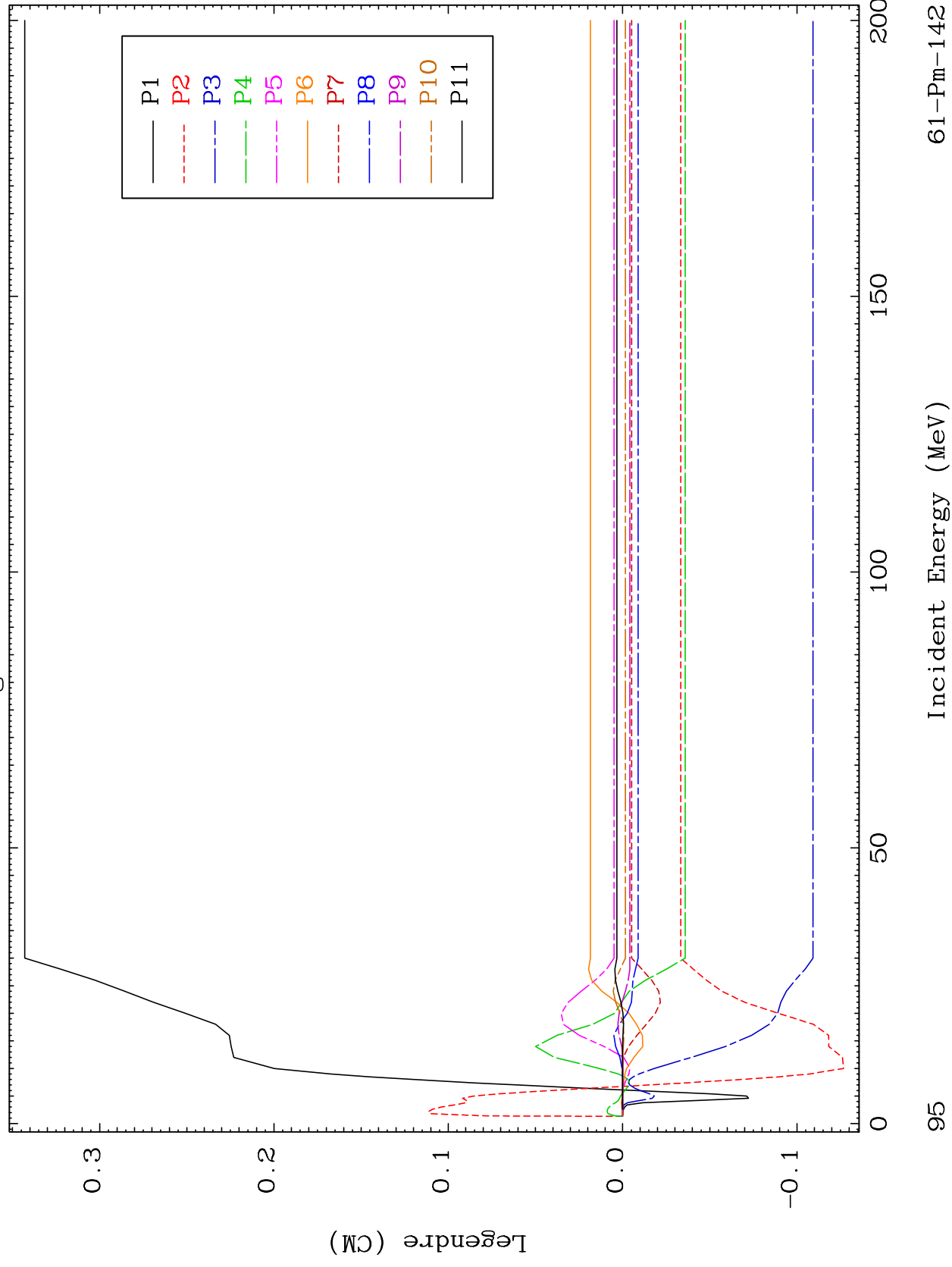




MAT 6134

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

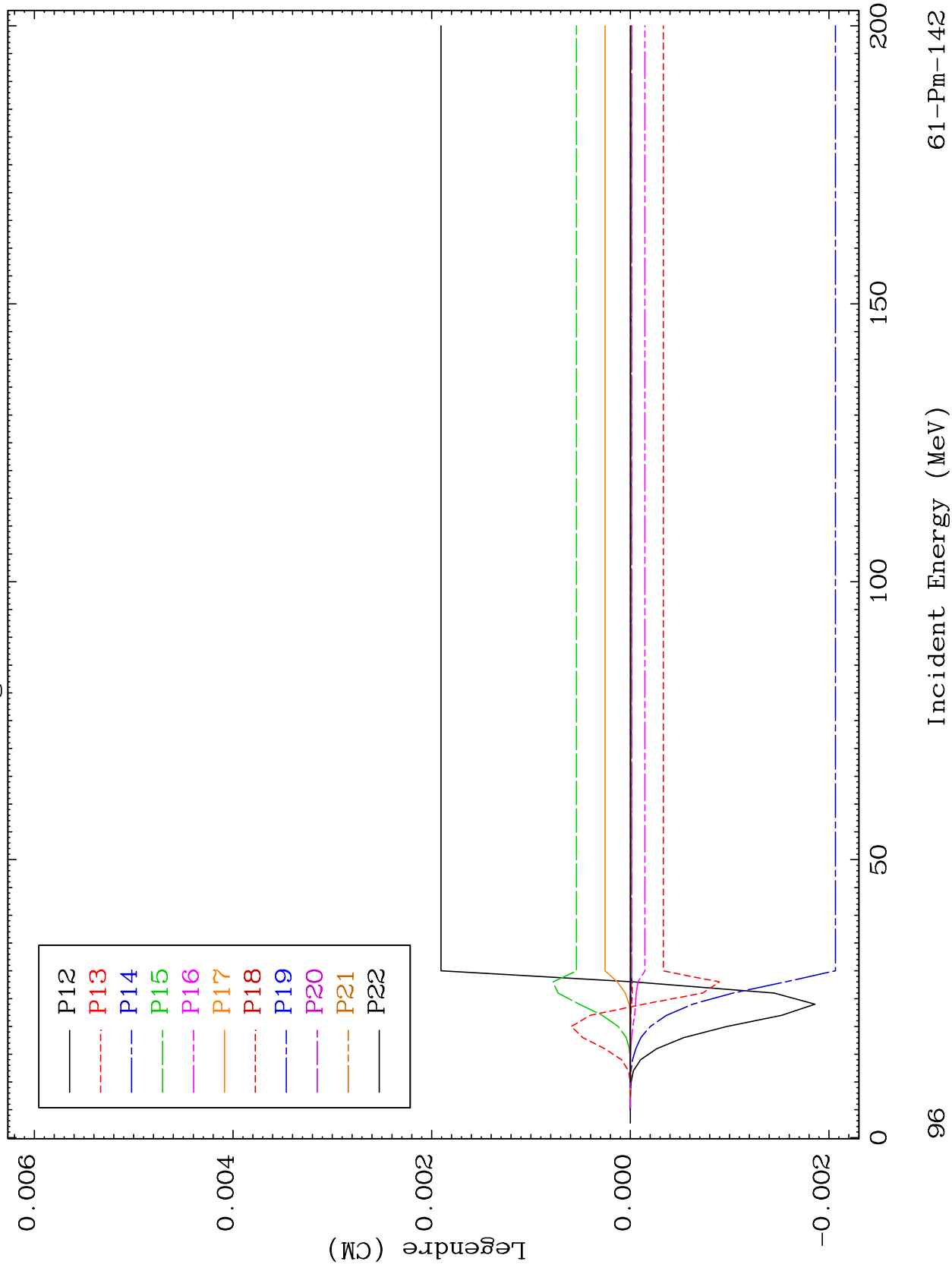
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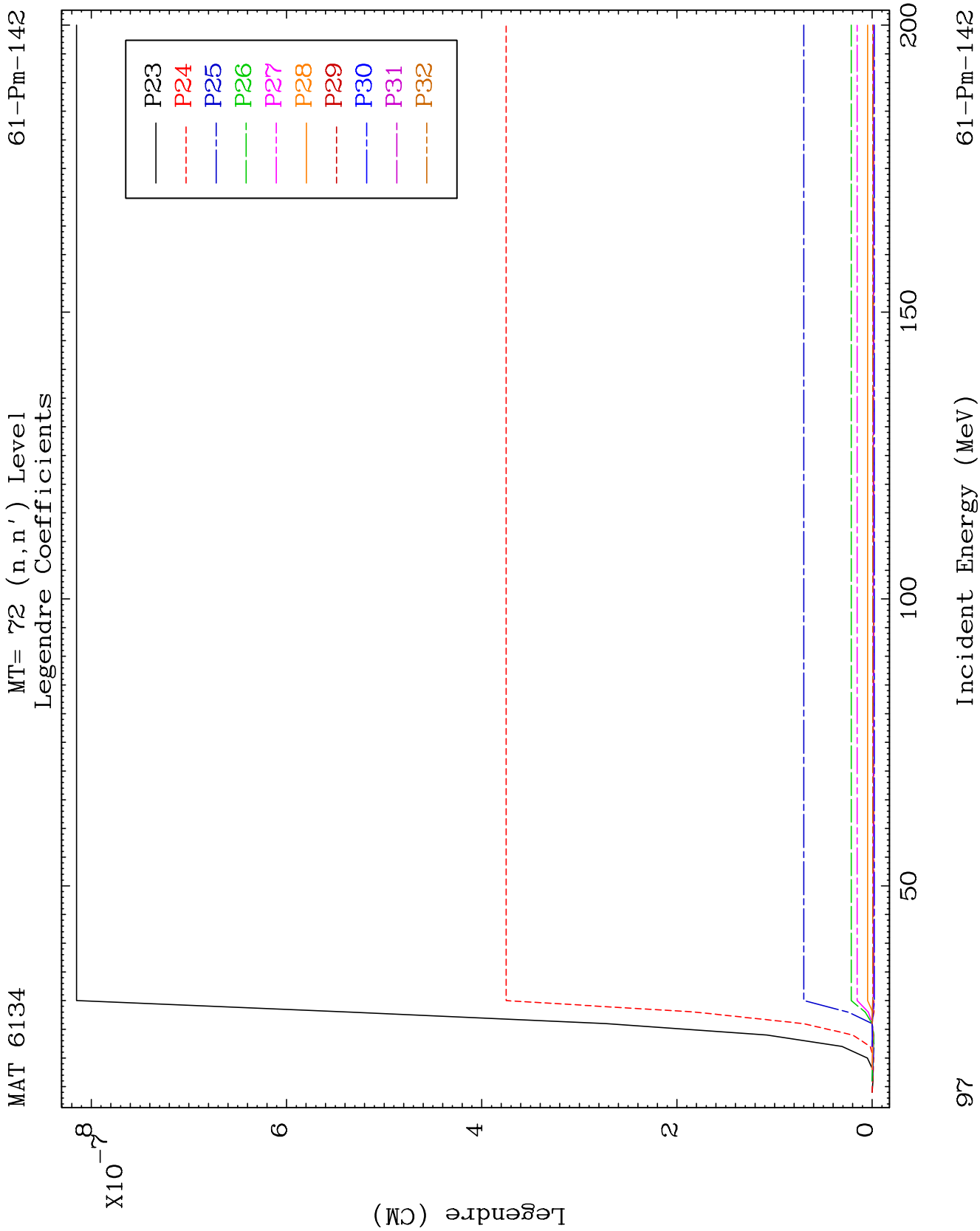


MAT 6134

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

61-Pm-142

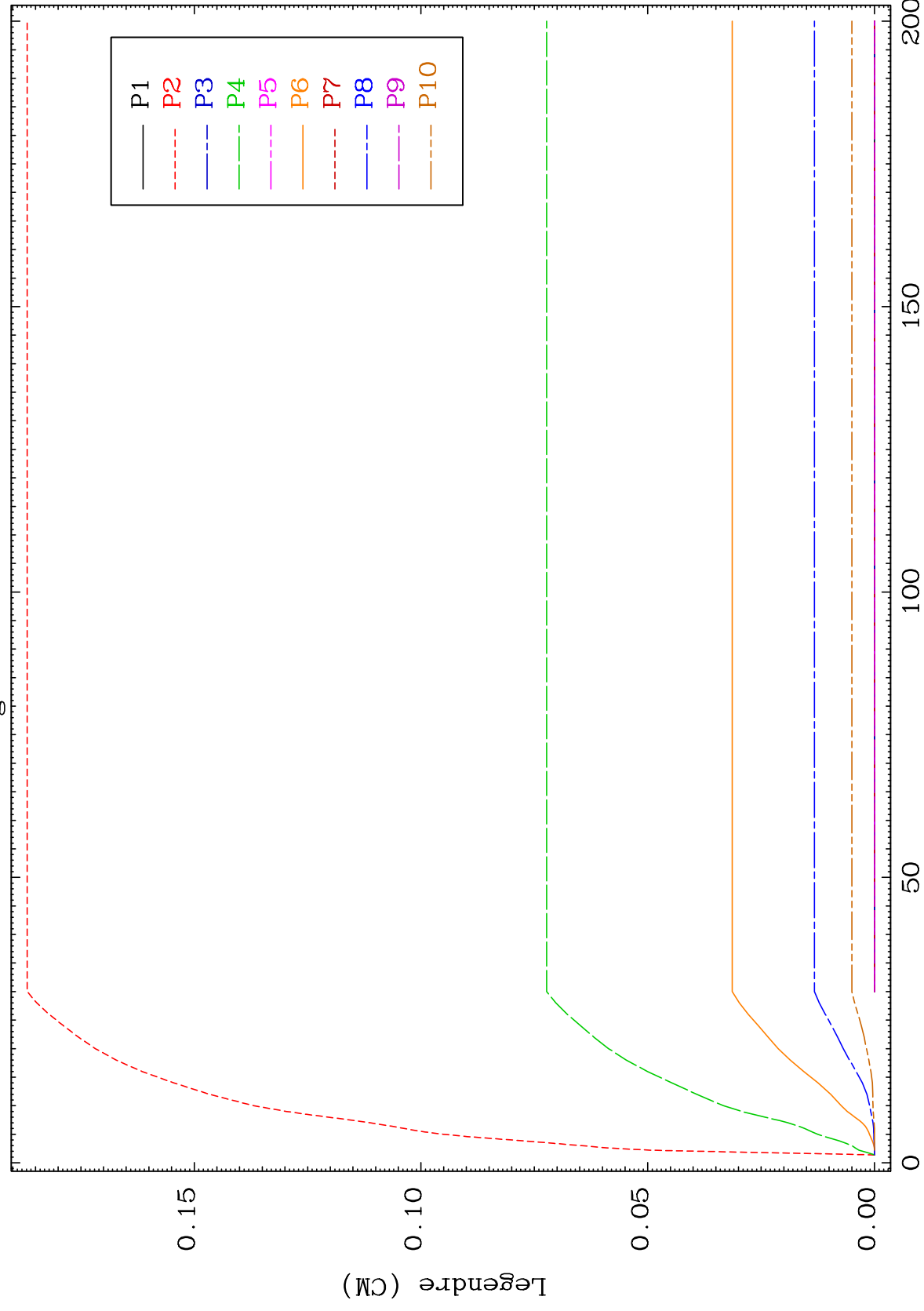




MAT 6134

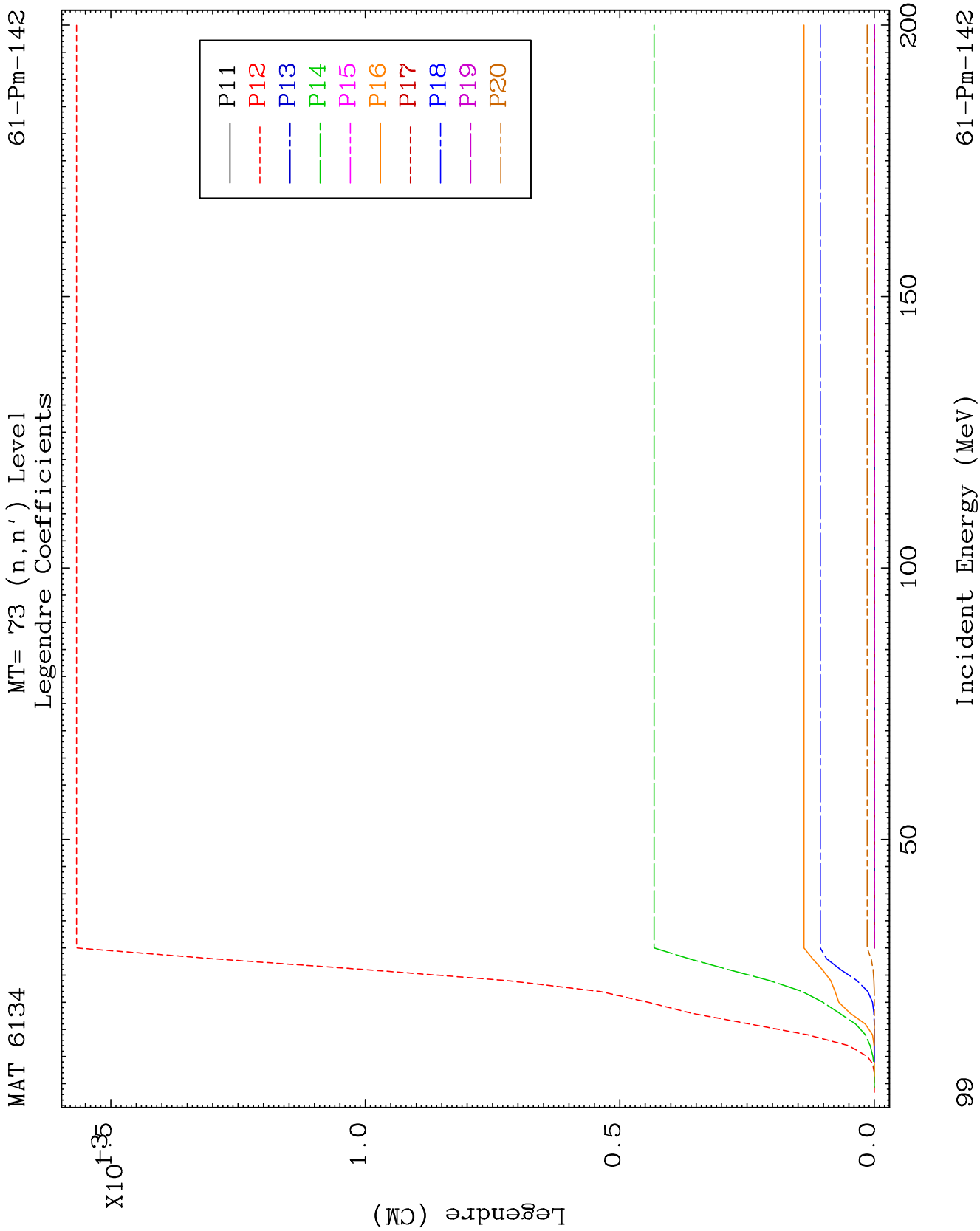
MT= 73 (n, n') Level
Legendre Coefficients

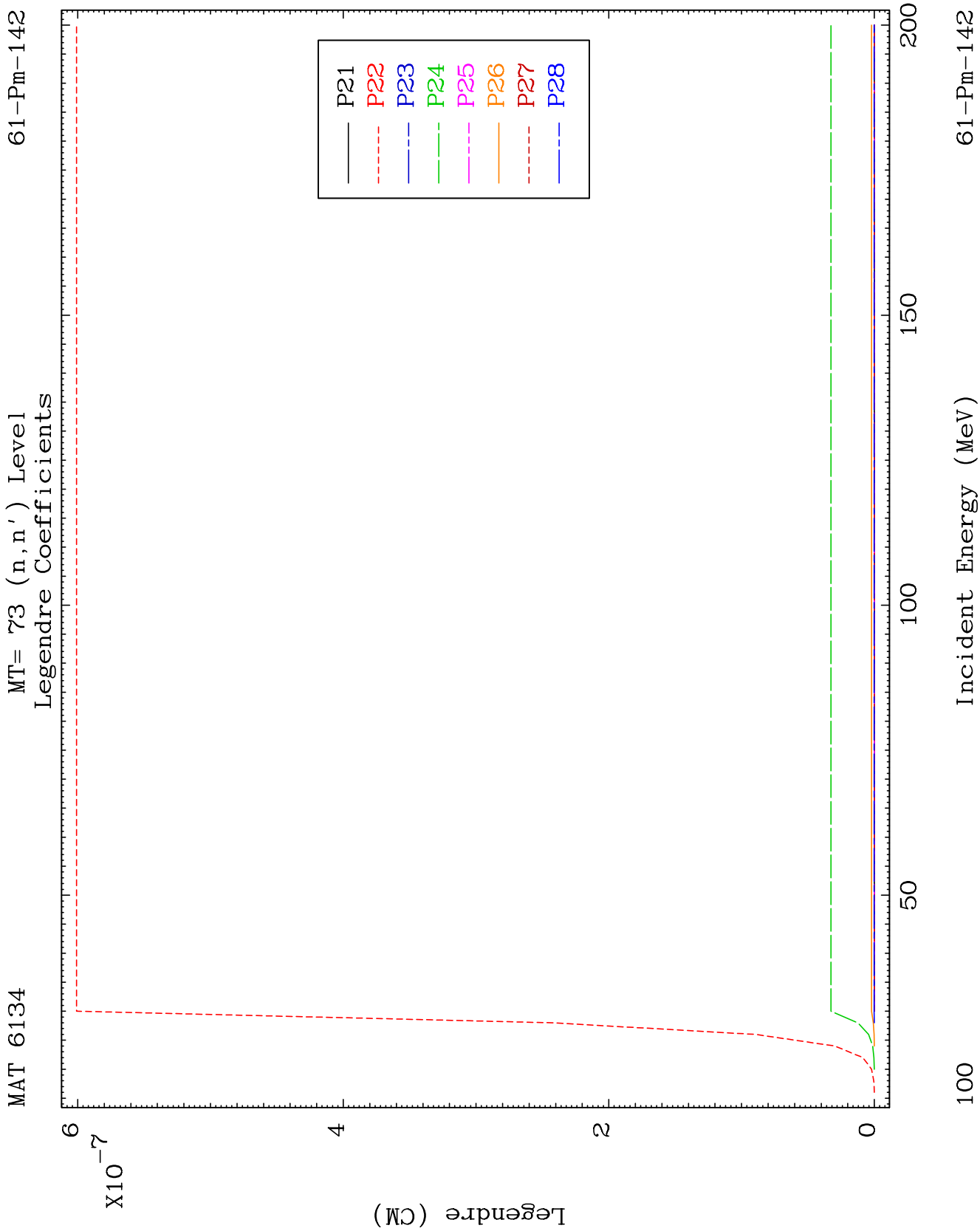
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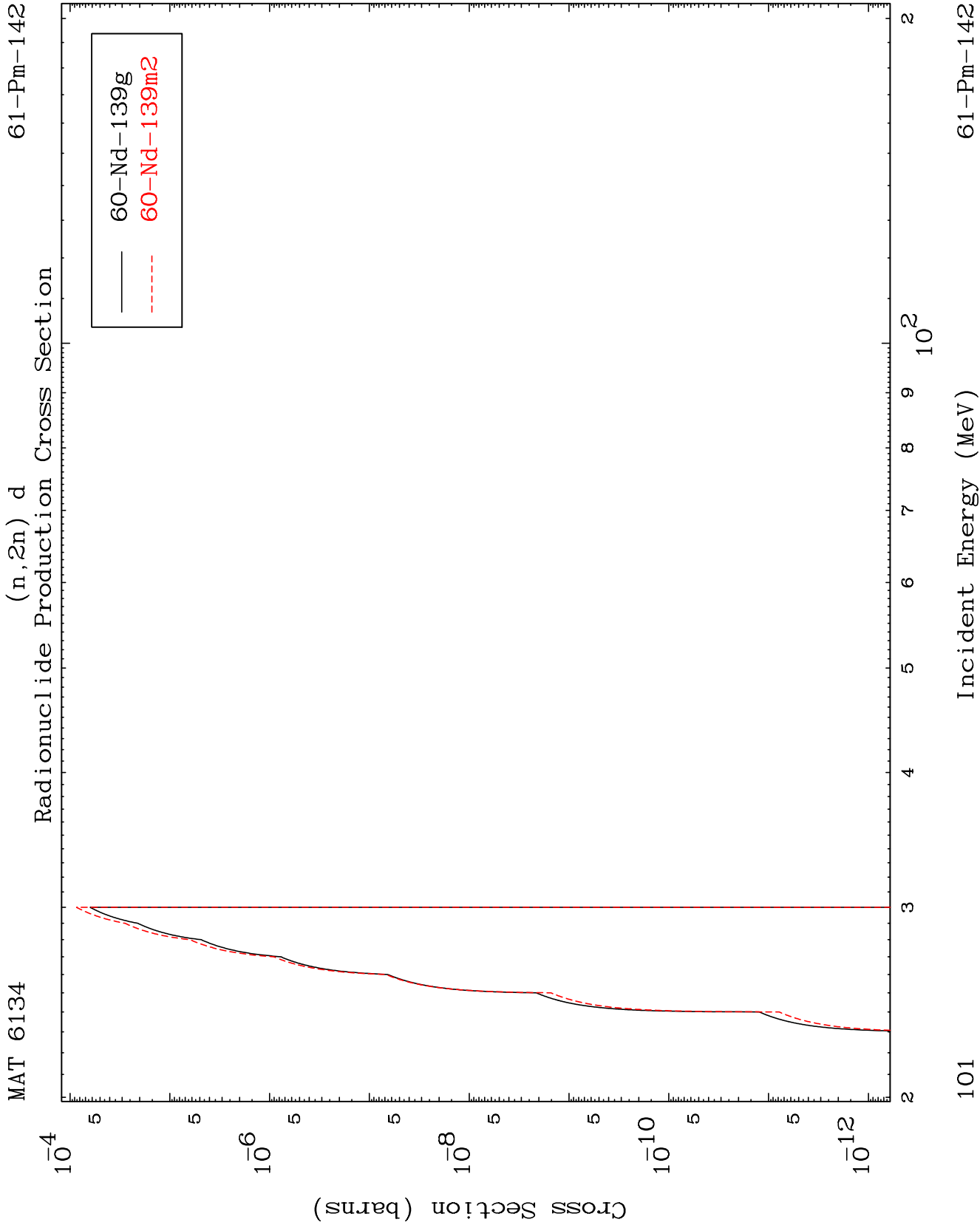


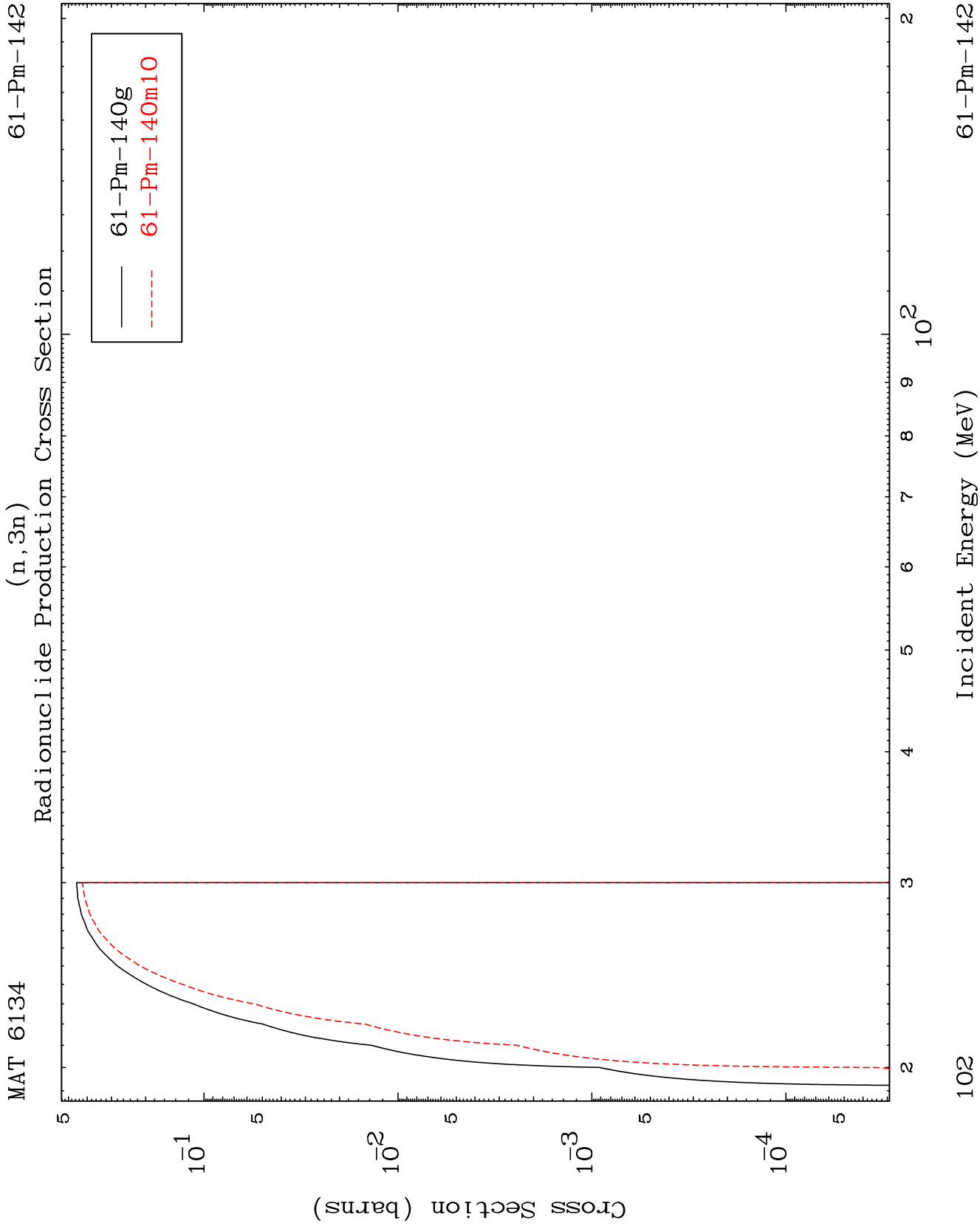
61-Pm-142

Incident Energy (MeV)







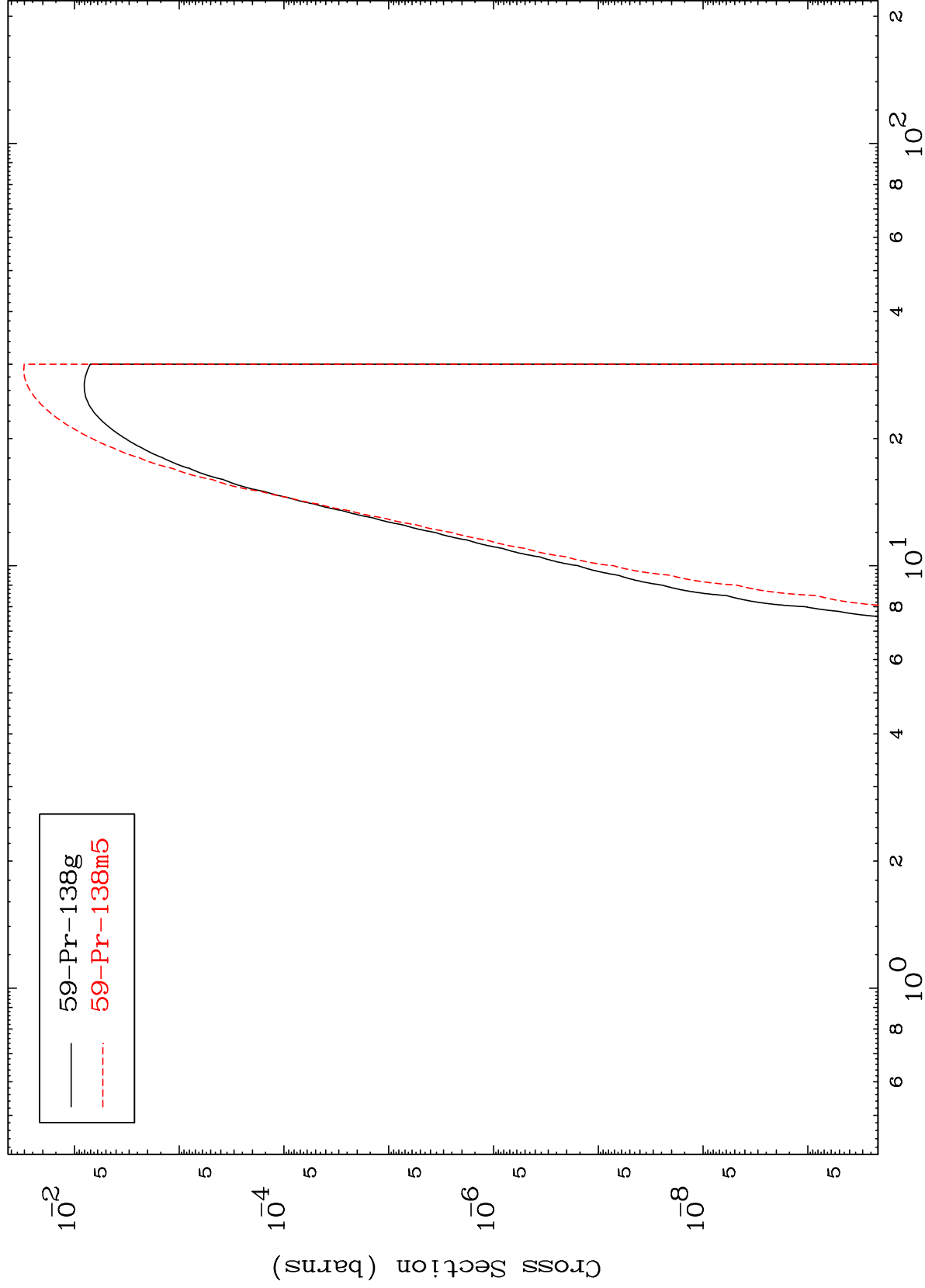


MAT 6134

61-Pm-142

(n,n') α

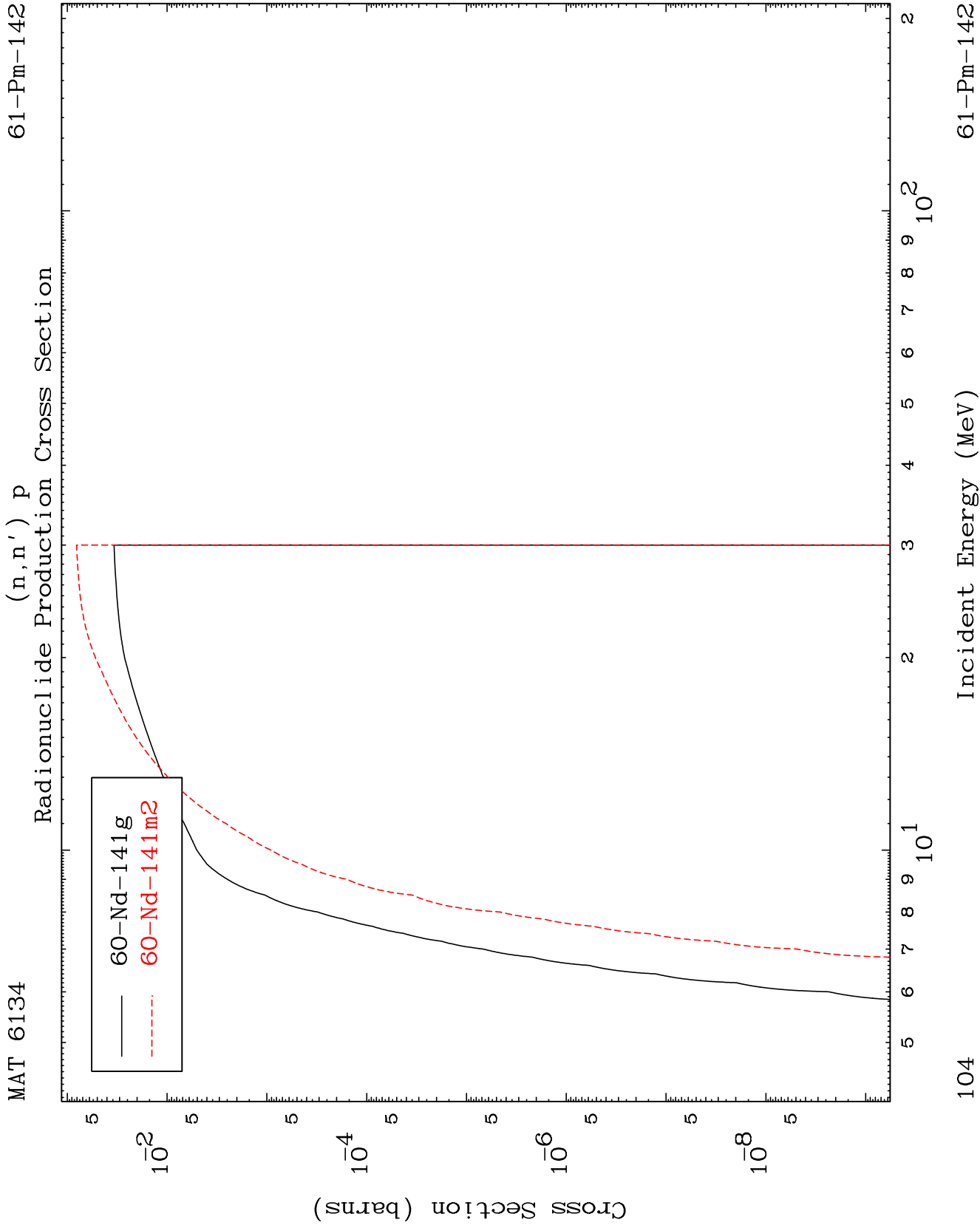
Radionuclide Production Cross Section



103

Incident Energy (MeV)

61-Pm-142

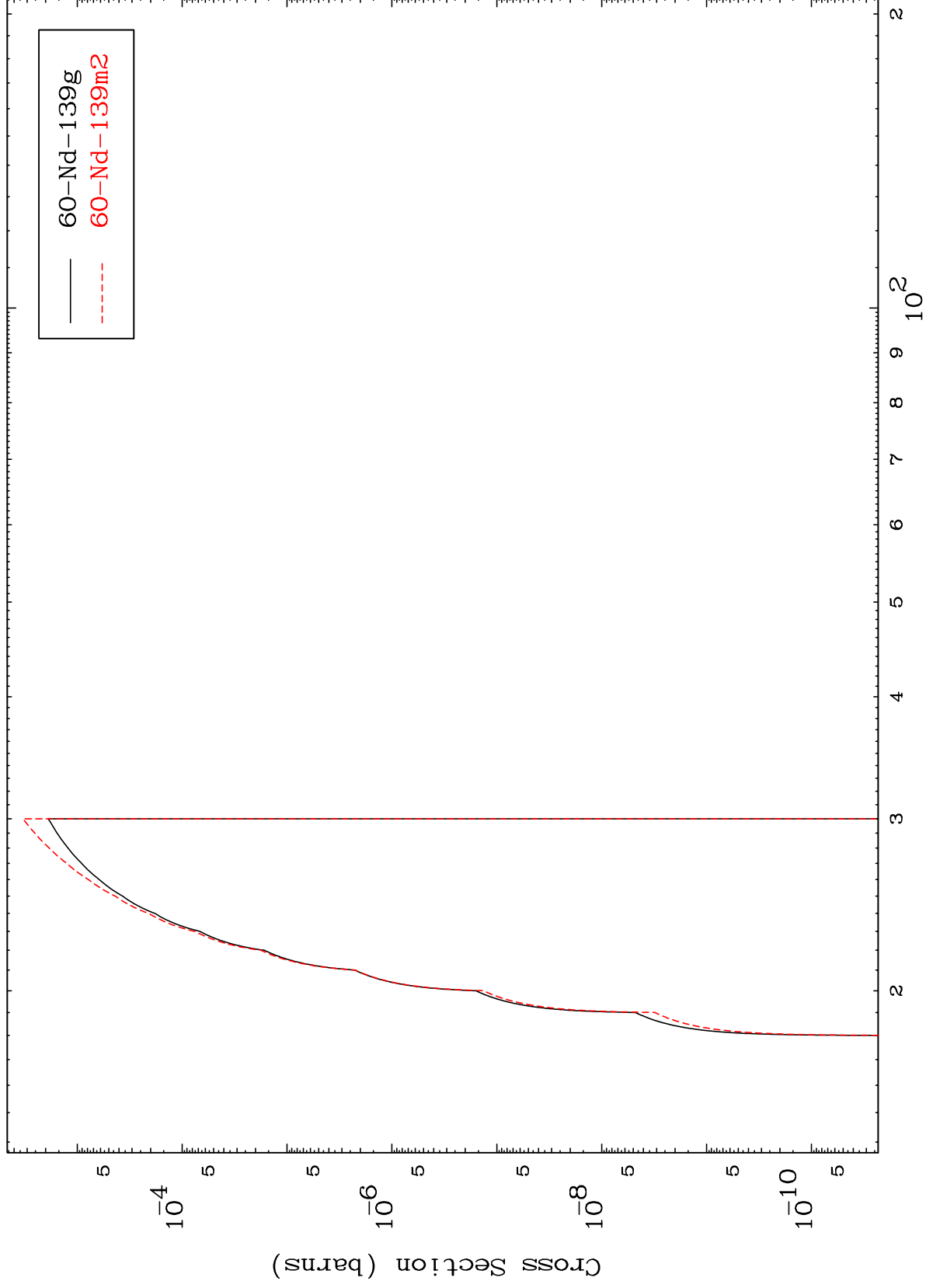


MAT 6134

(n,n') t

61-Pm-142

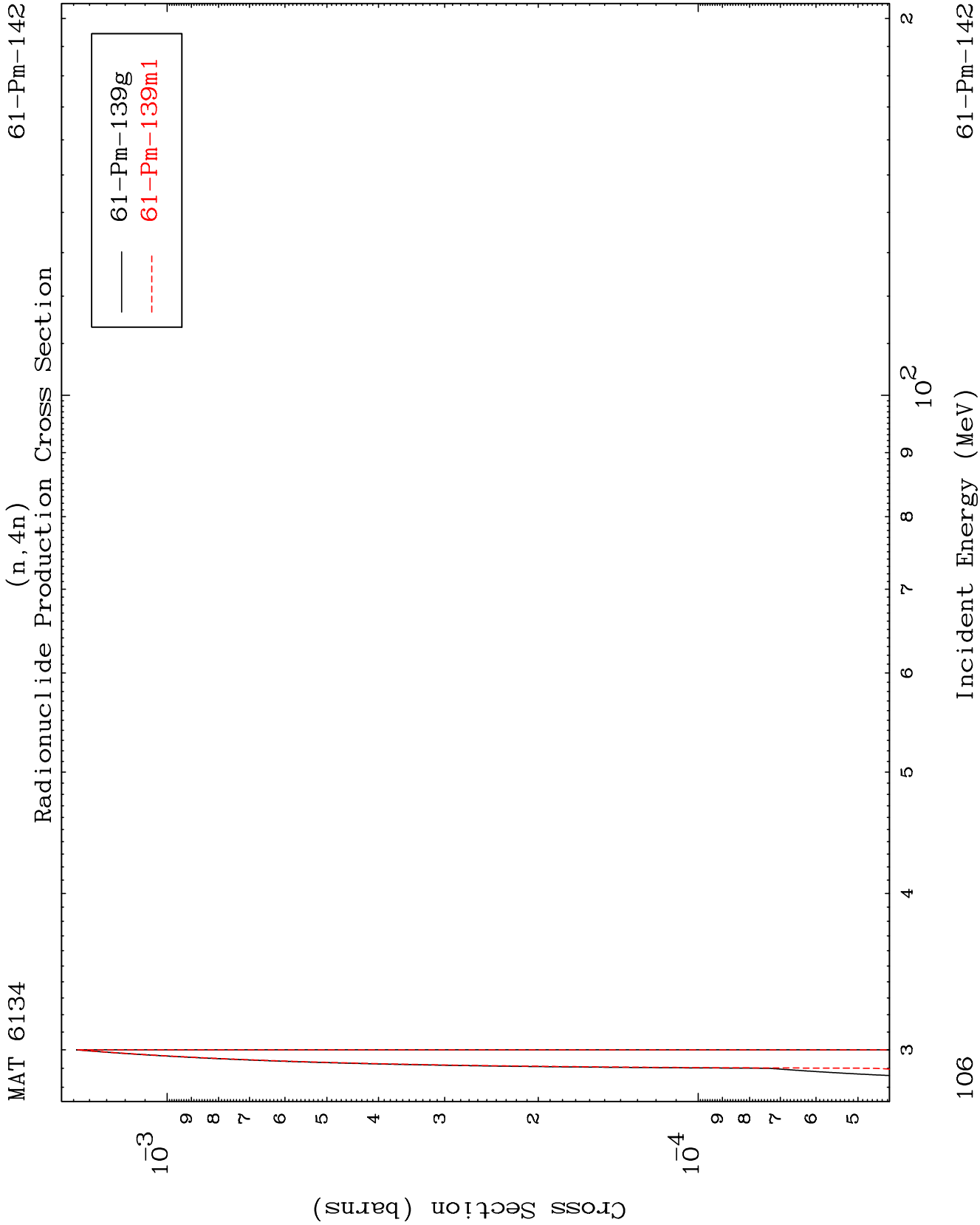
Radionuclide Production Cross Section

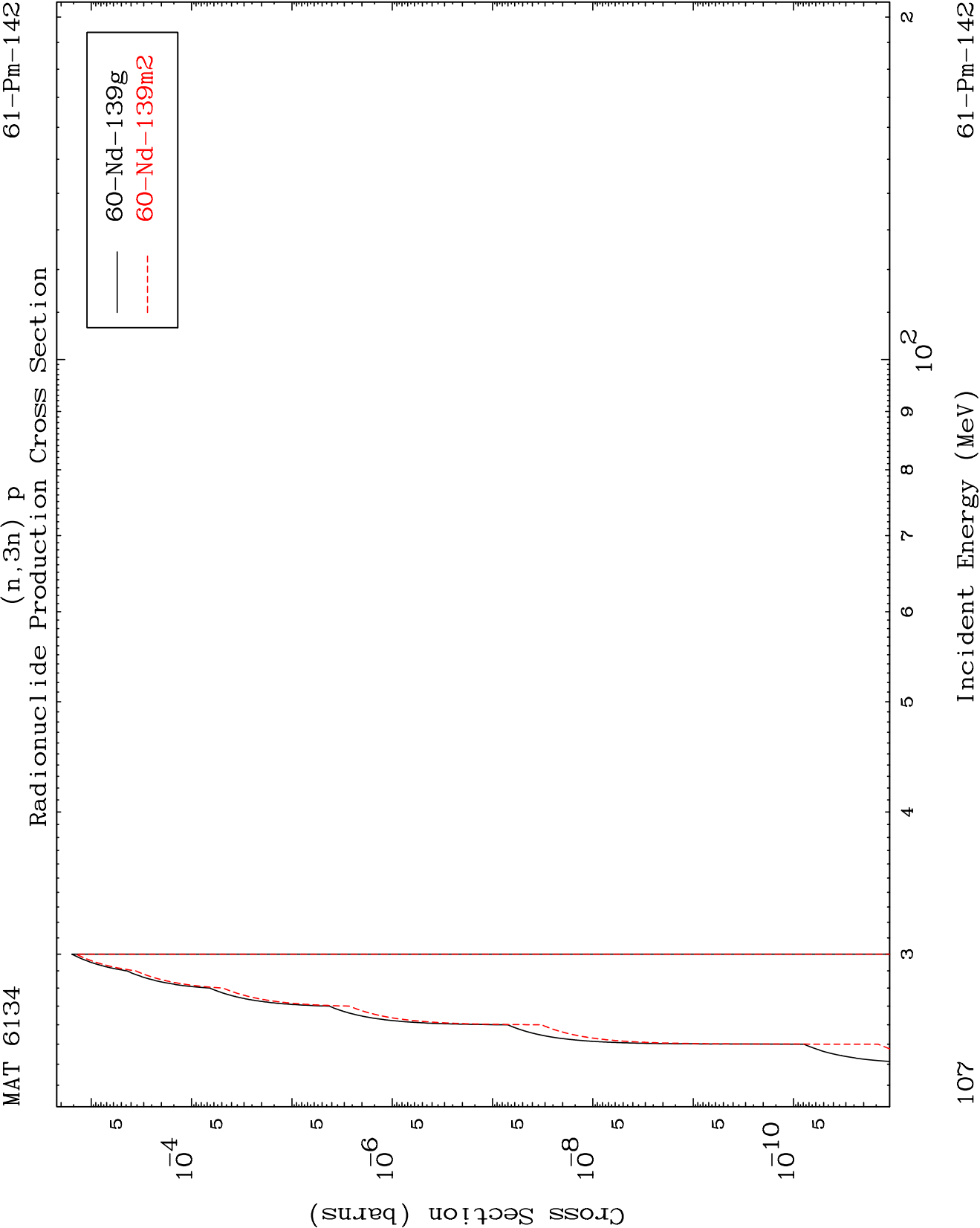


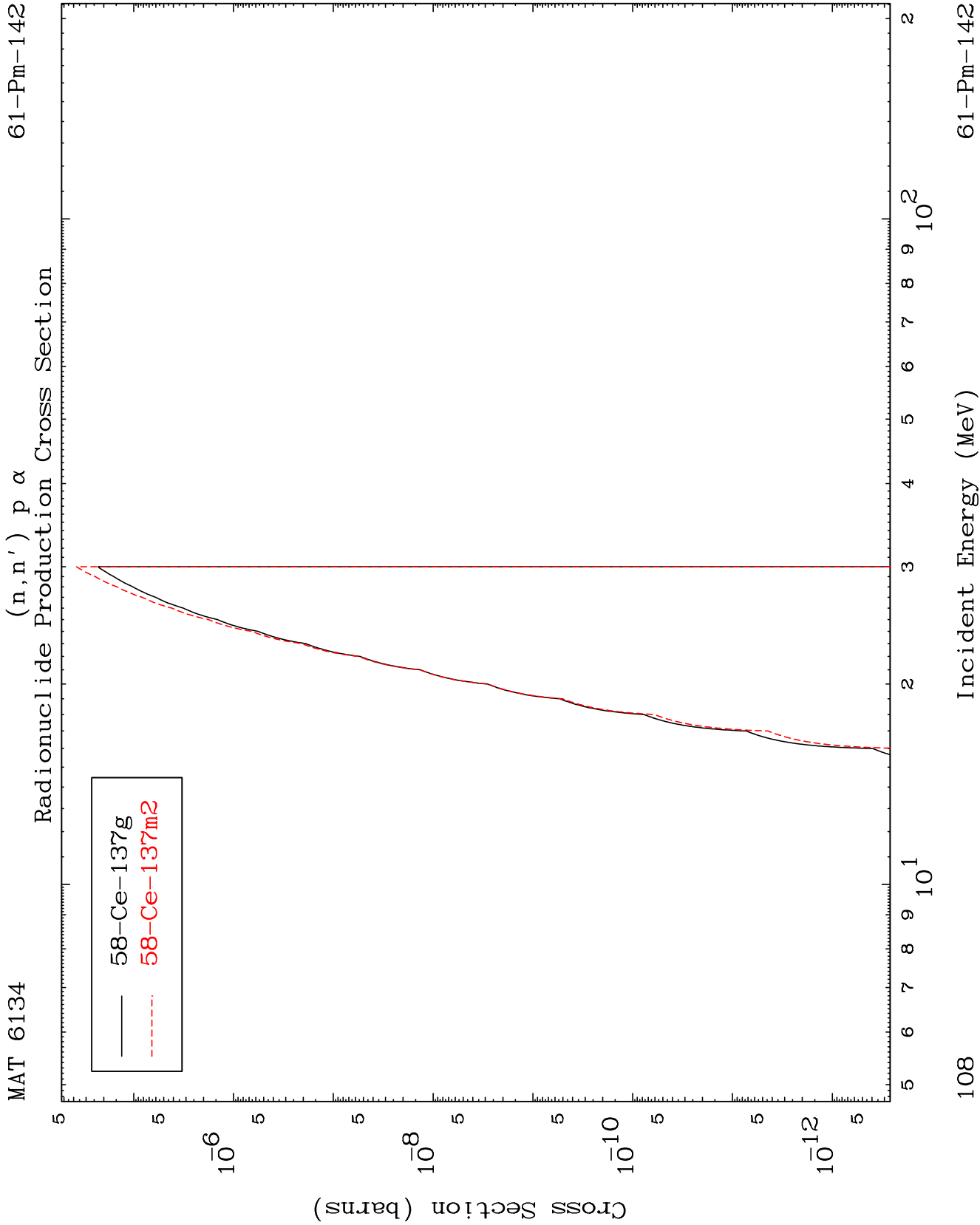
105

Incident Energy (MeV)

61-Pm-142







Radionuclide Production Cross Section (n,d)

