

Program EVALPLOT
(Version 2021-1)

by

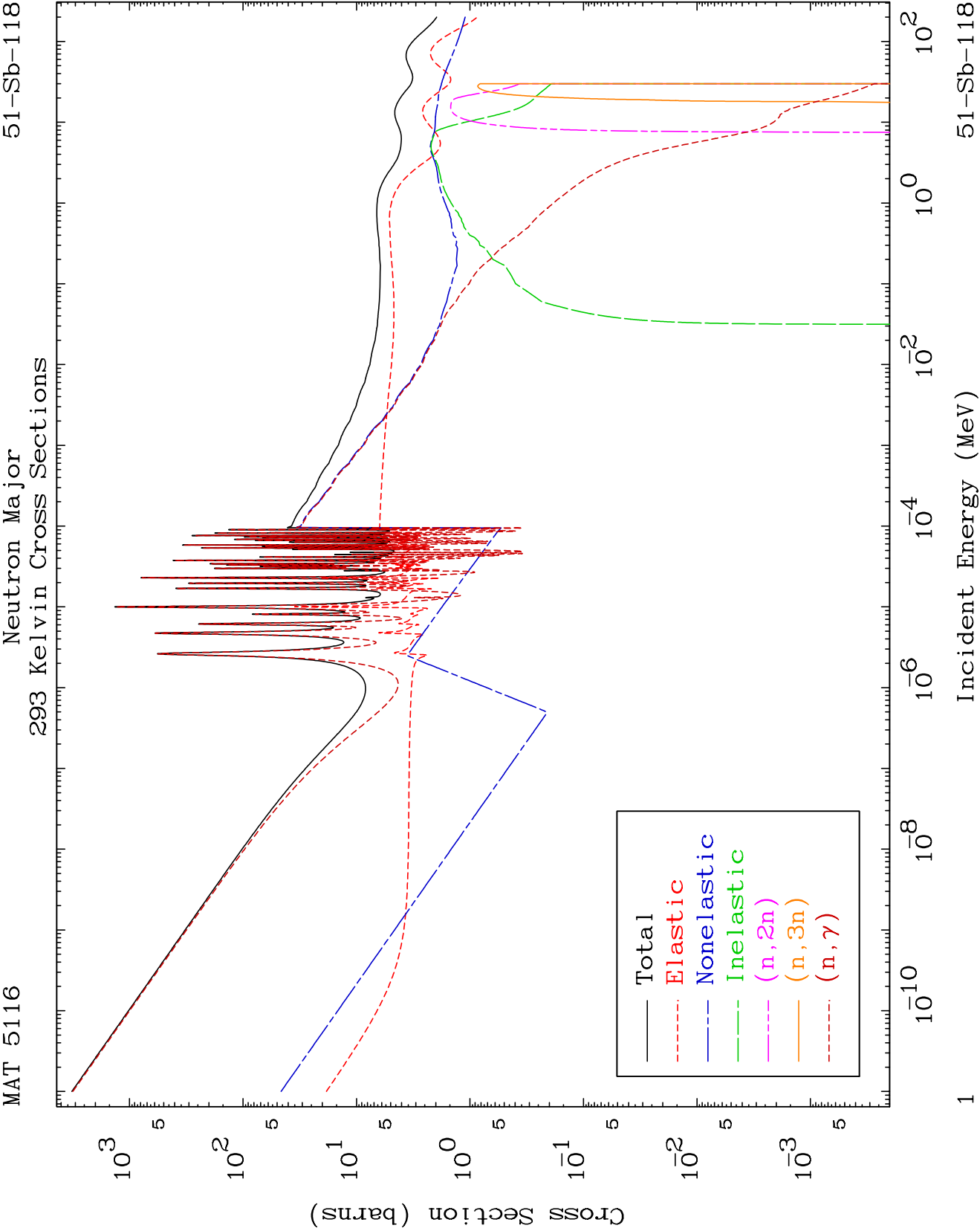
Dermott E. Cullen
(Present Contact Information)

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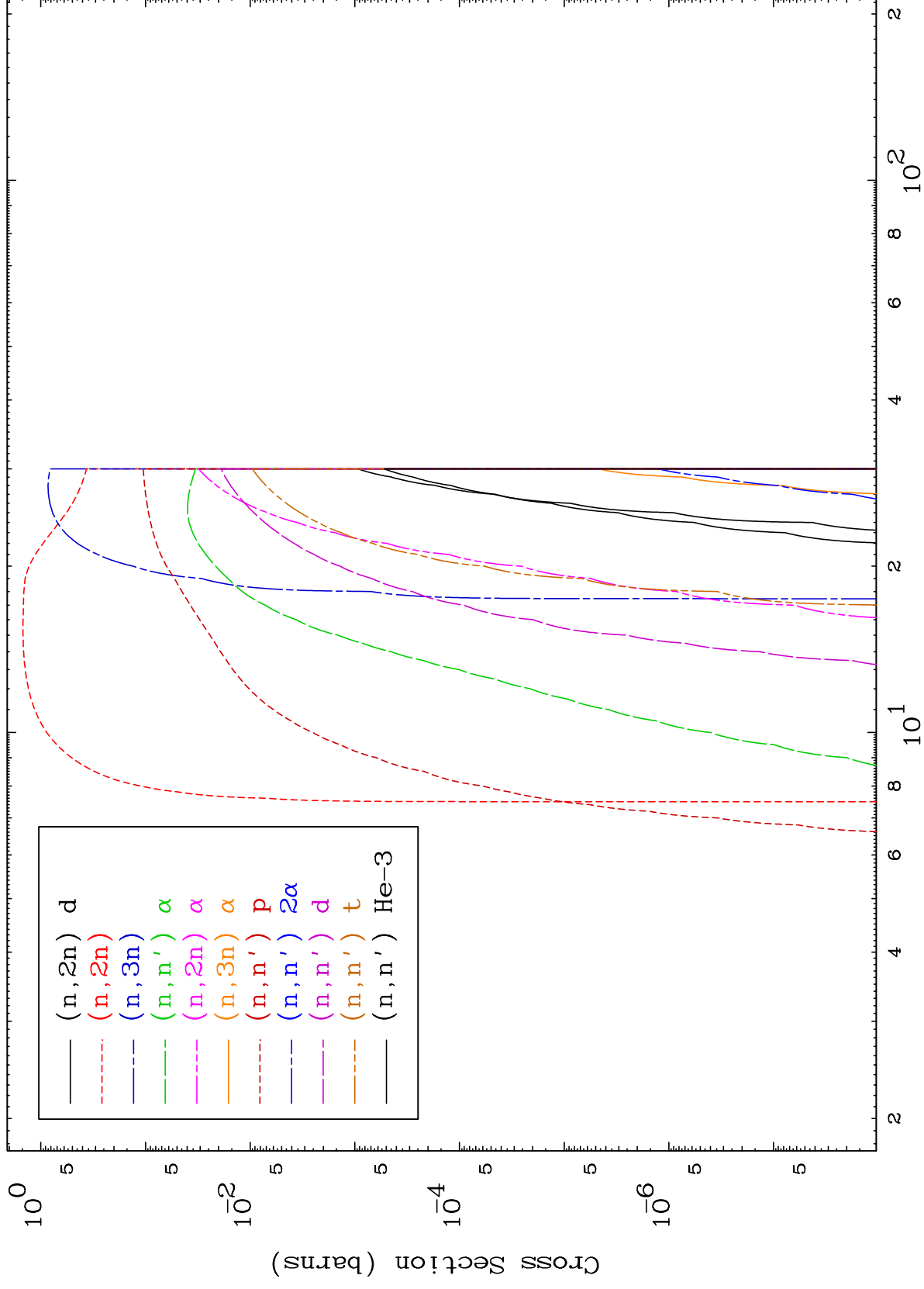
Press Mouse Button to Start



MAT 5116

Neutron Absorption 293 Kelvin Cross Sections

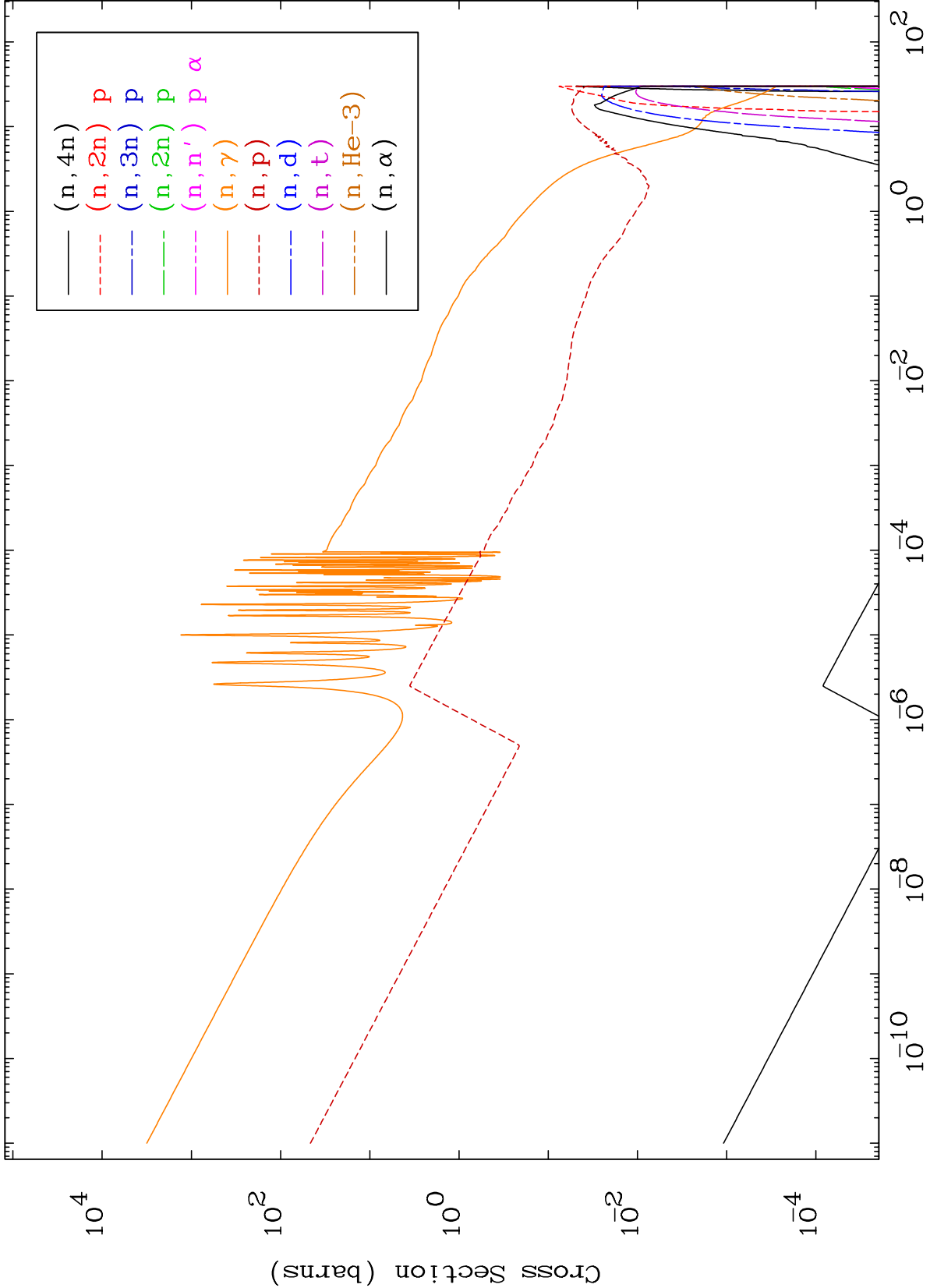
51-Sb-118

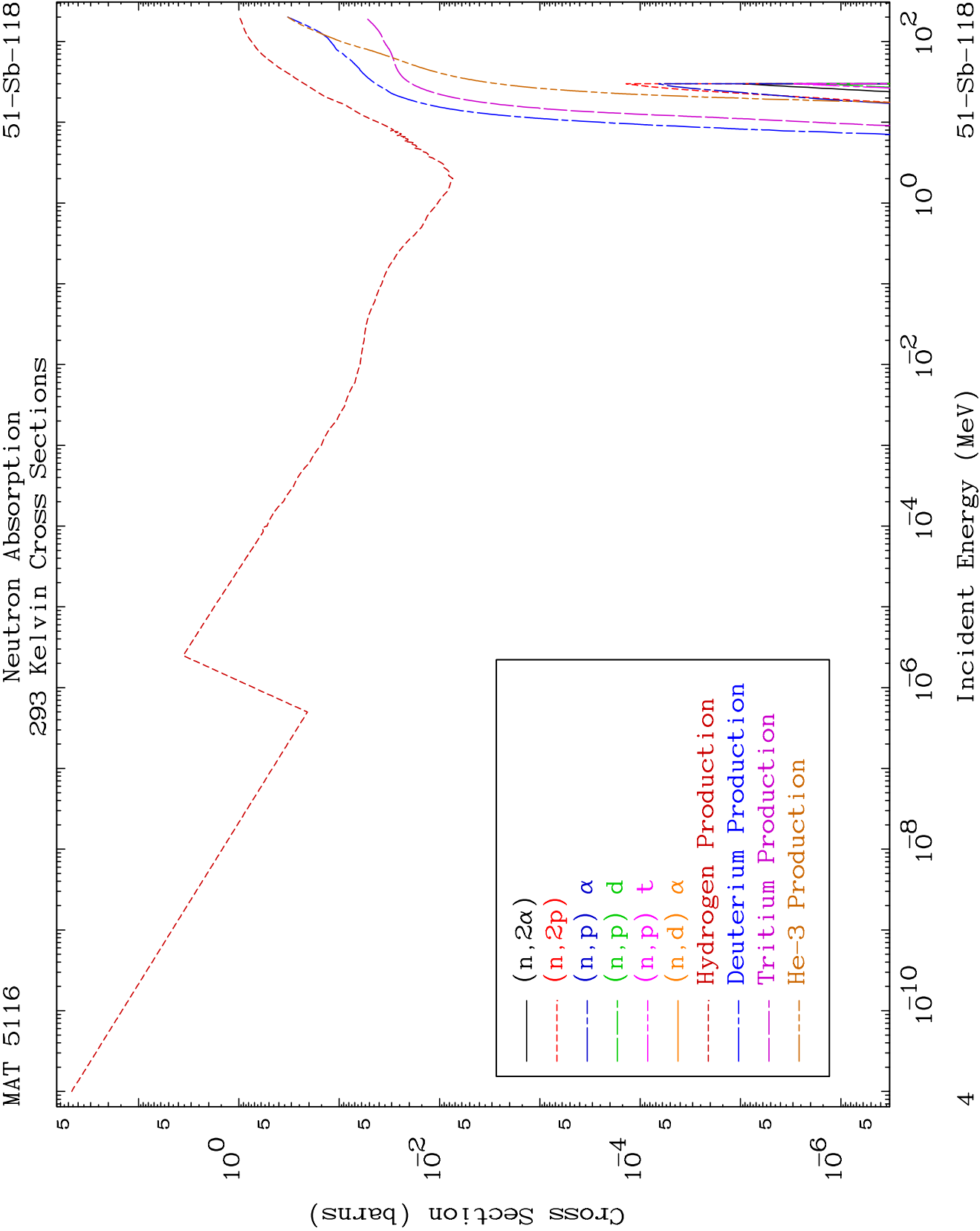


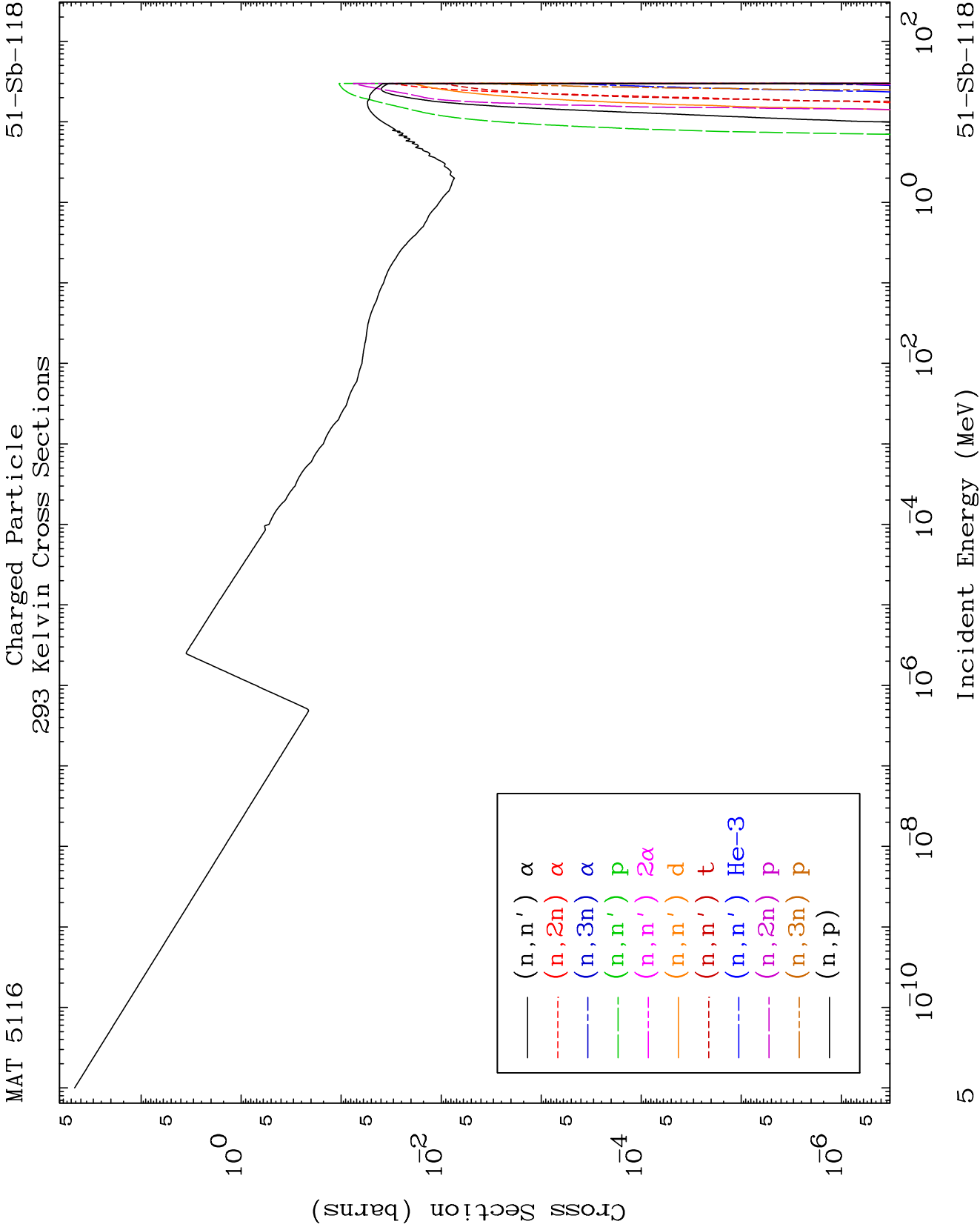
2

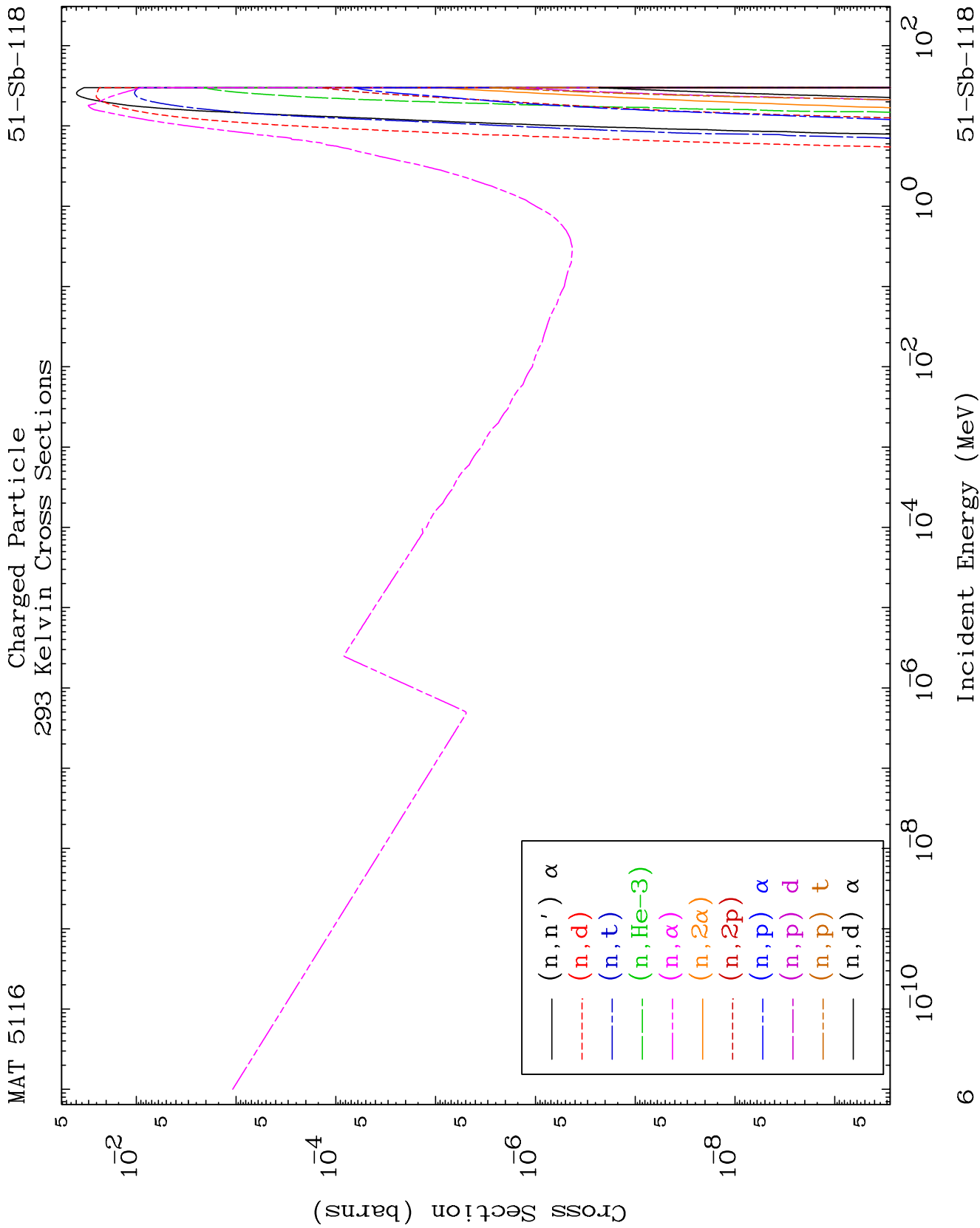
Incident Energy (MeV)

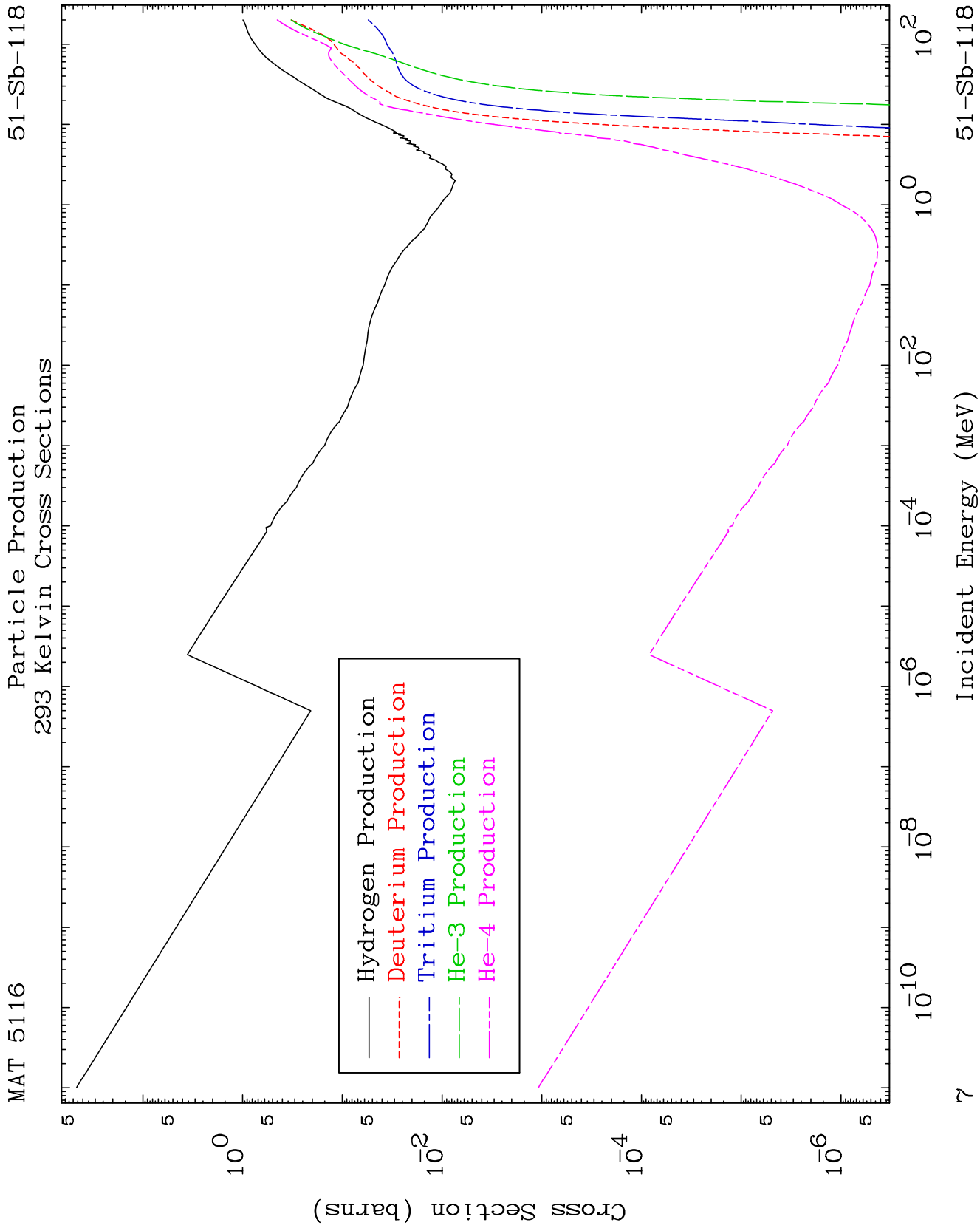
51-Sb-118

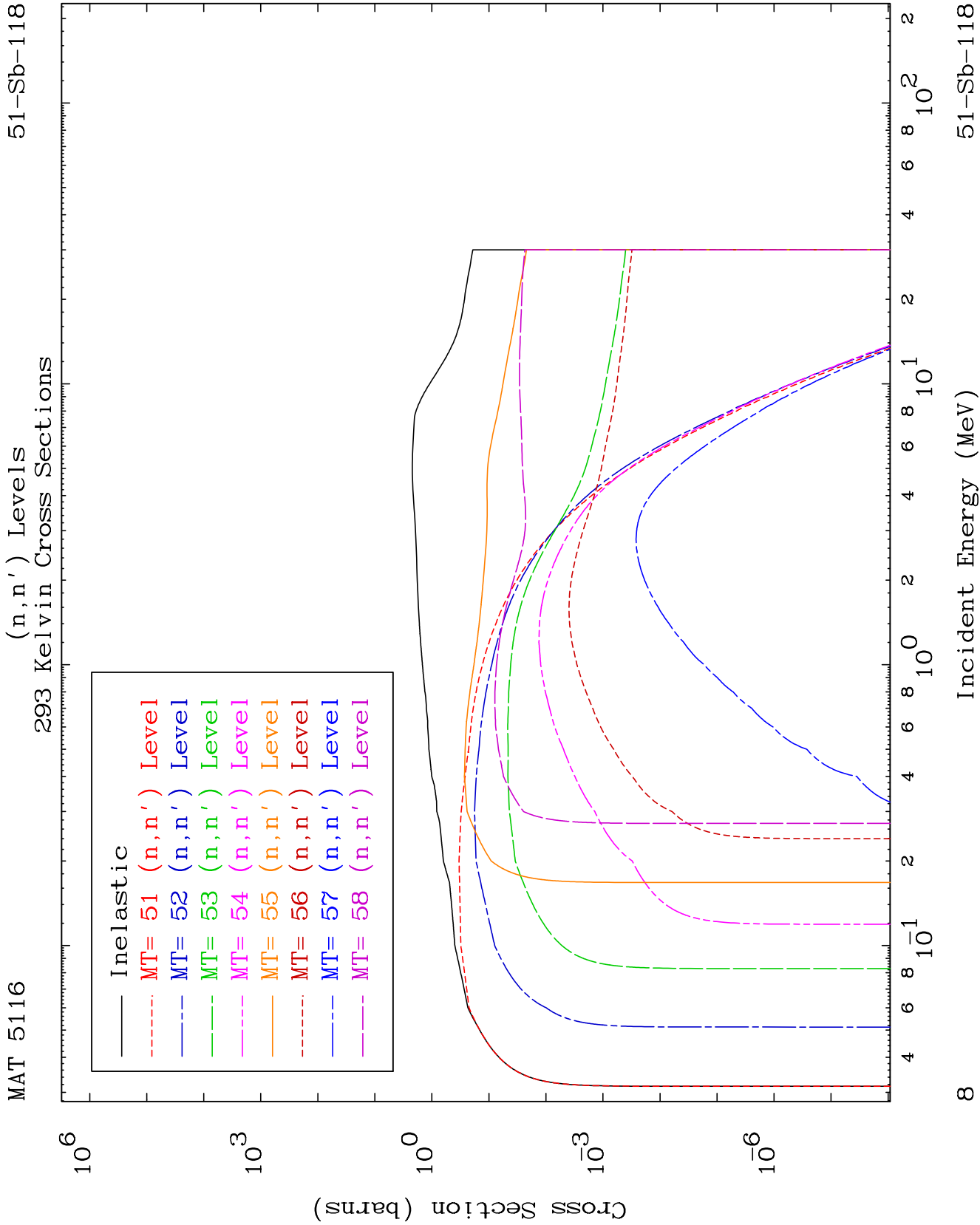


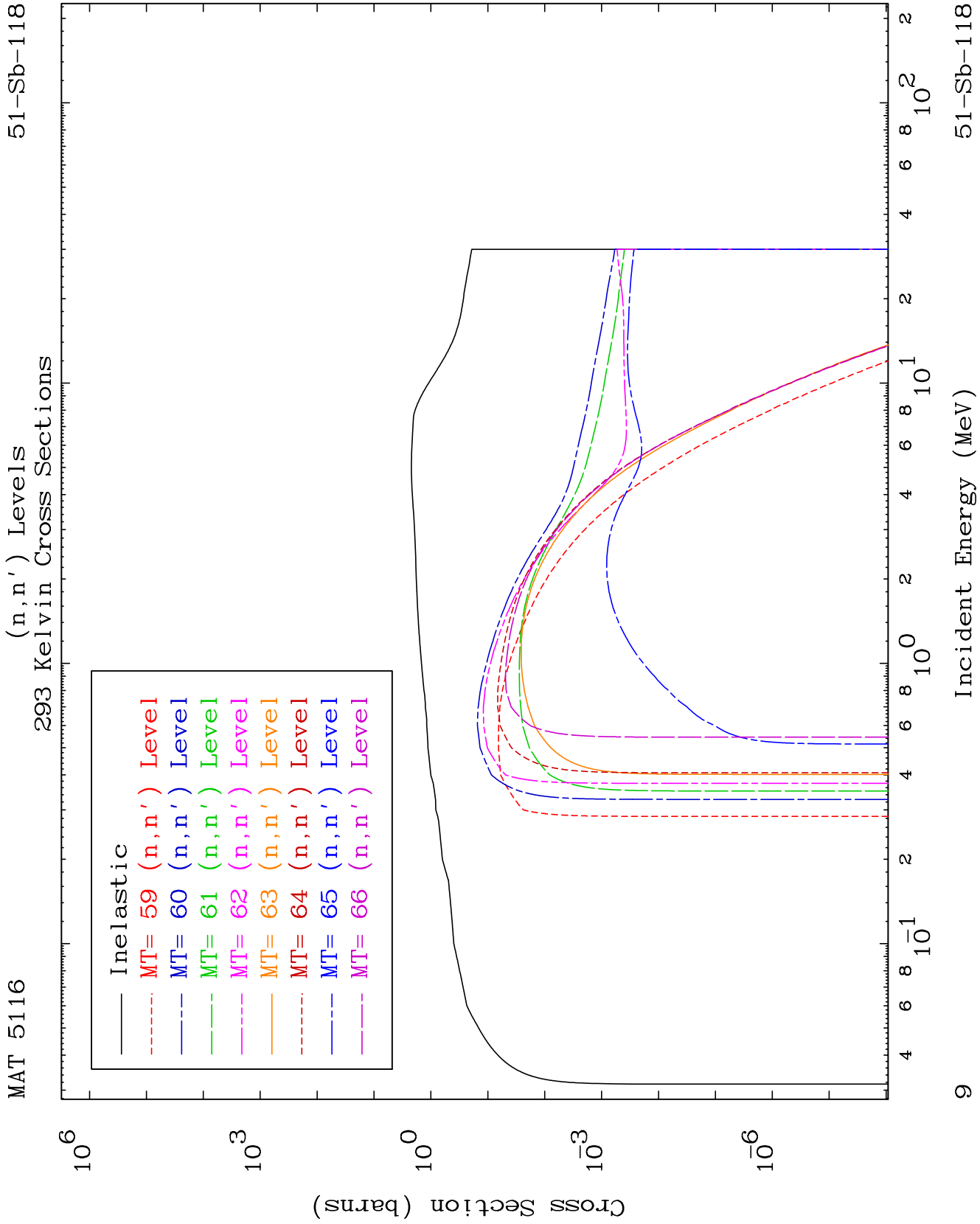


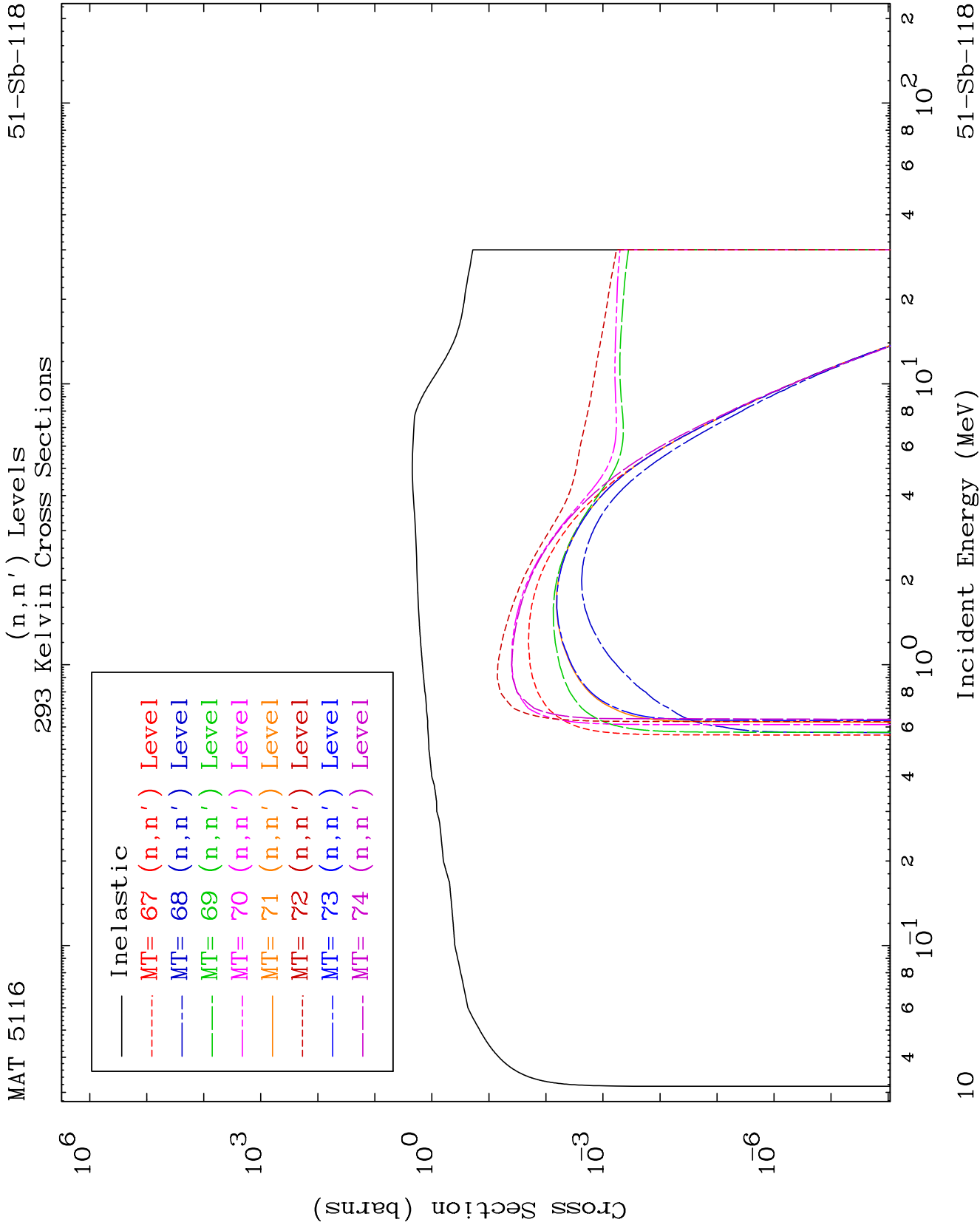


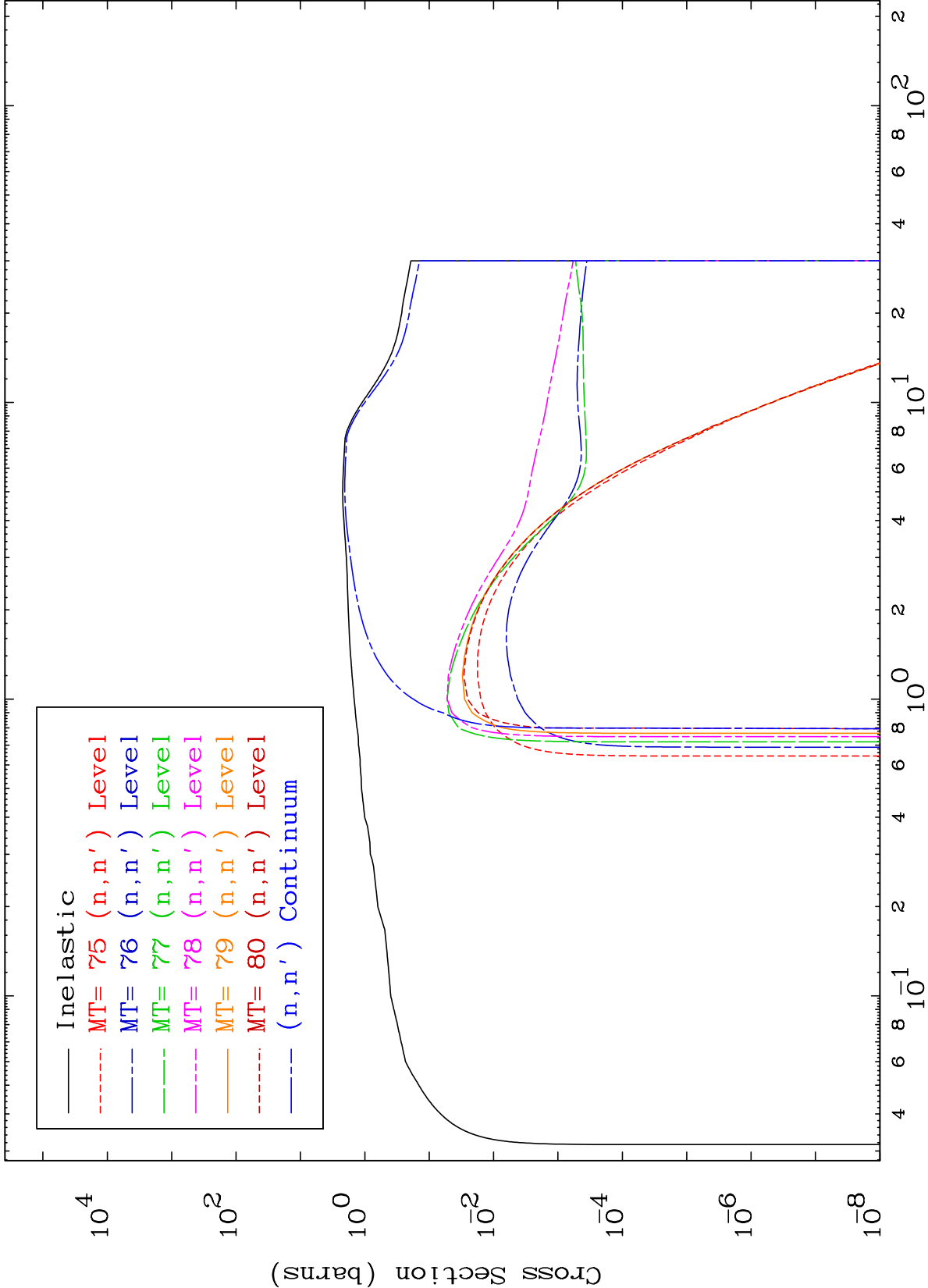


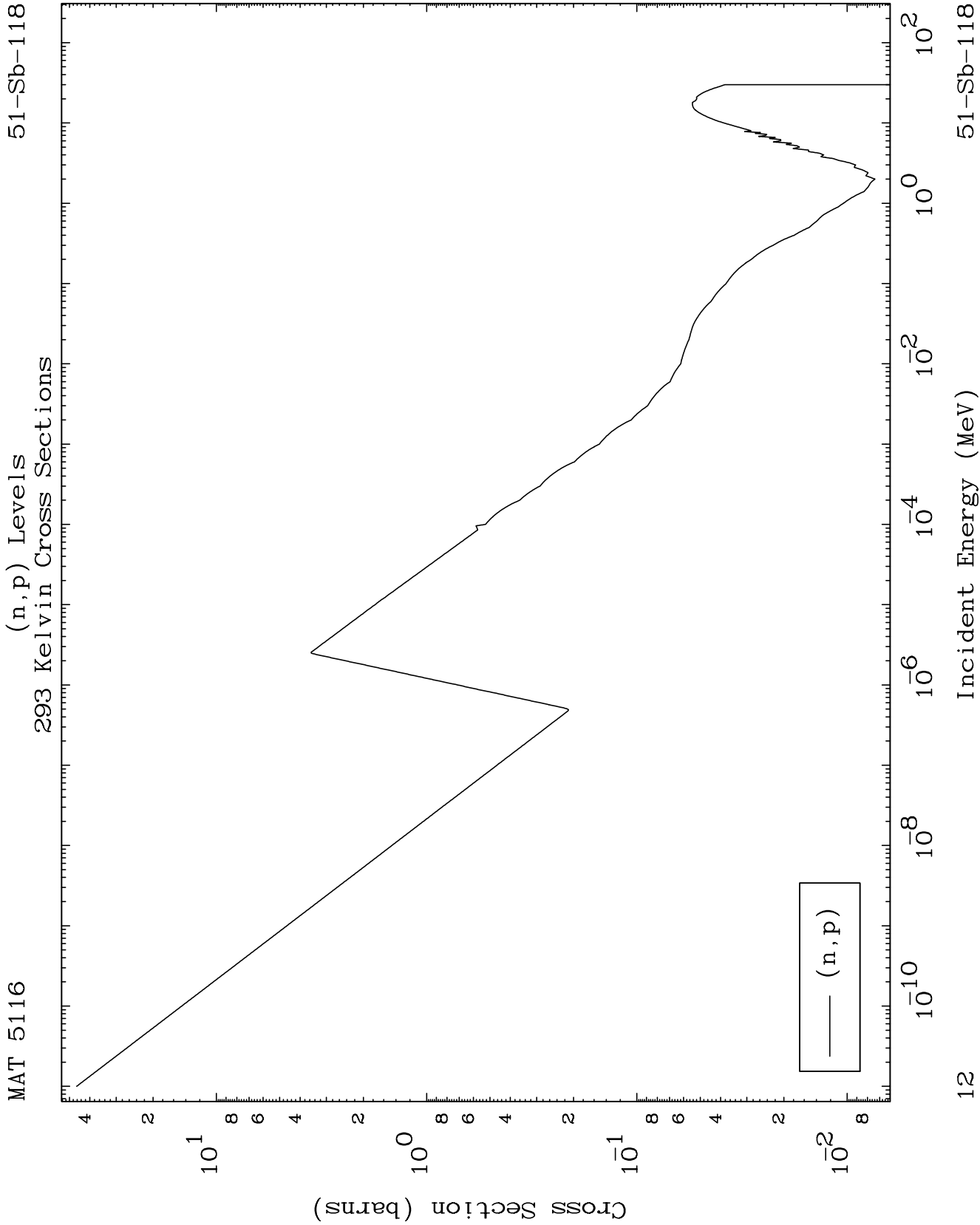




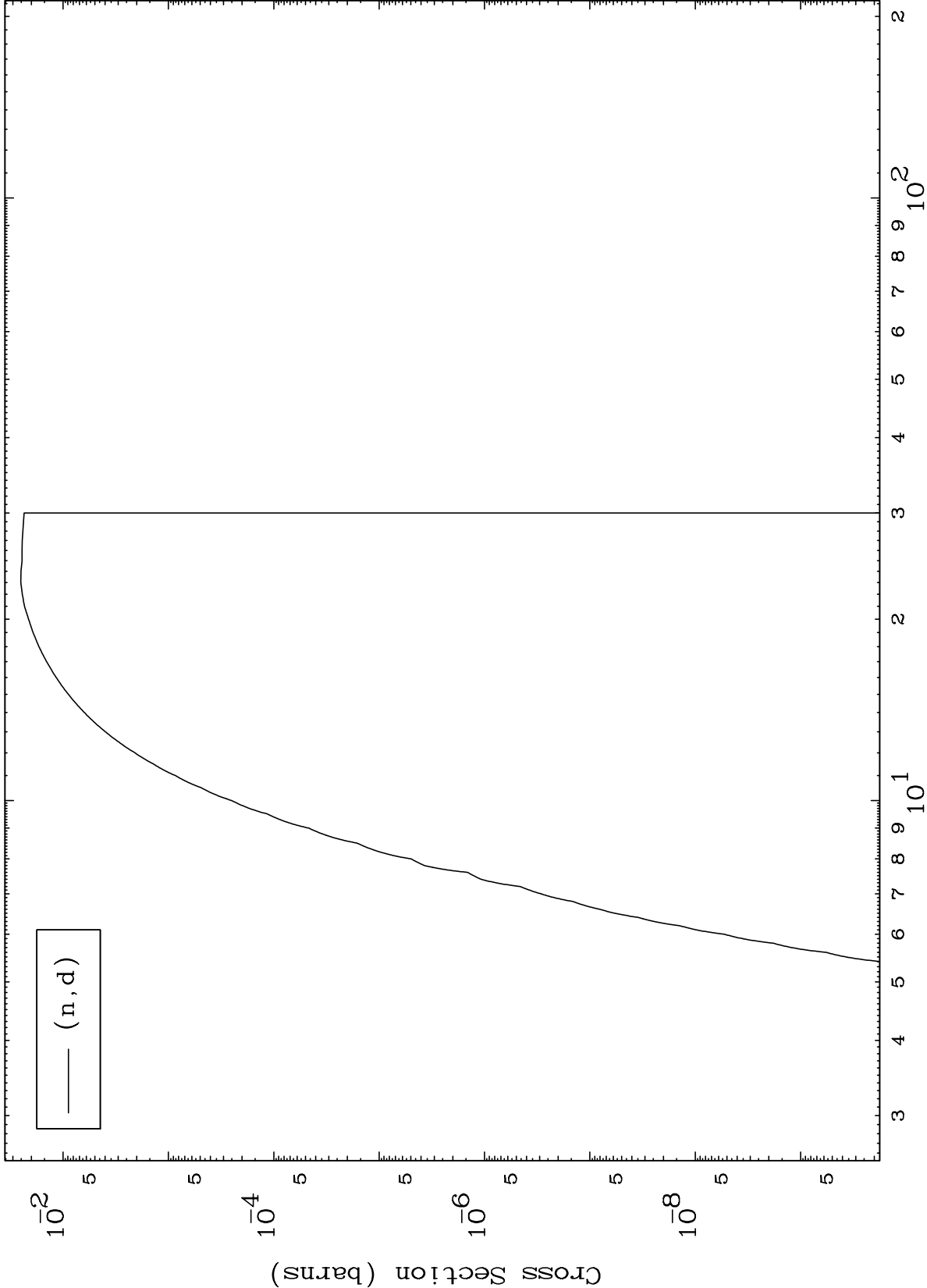


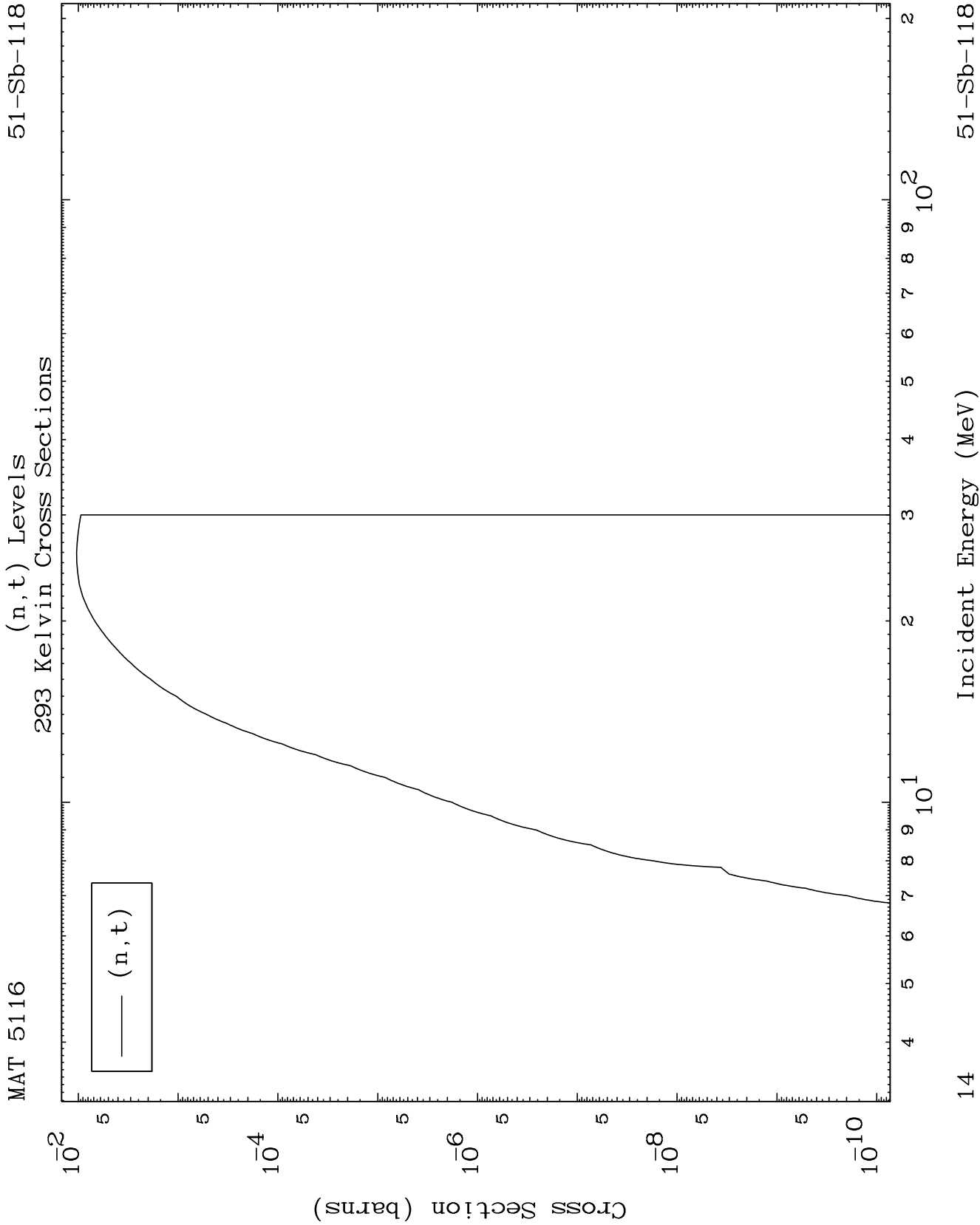






(n,d) Levels
293 Kelvin Cross Sections

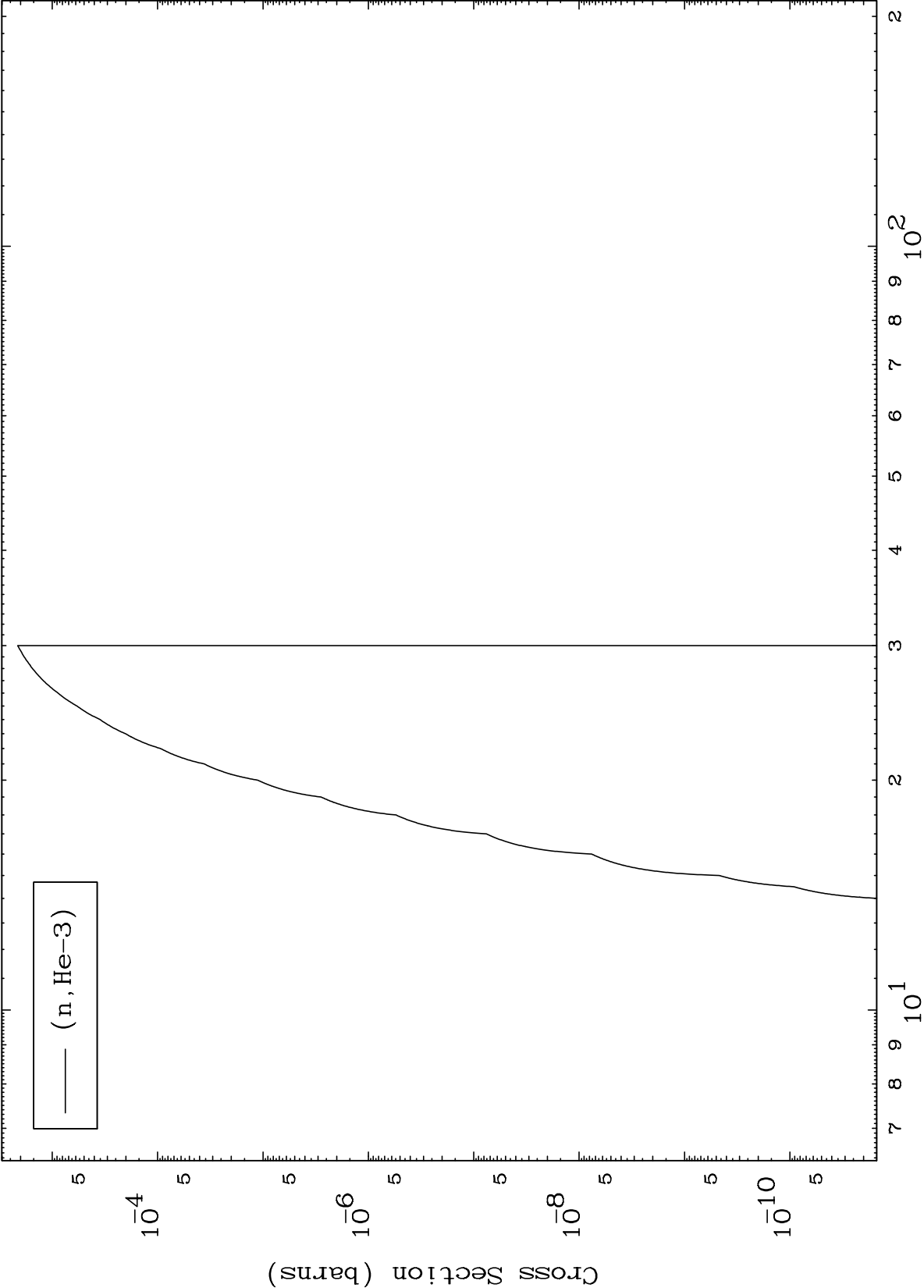




MAT 5116

(n,He3) Levels
293 Kelvin Cross Sections

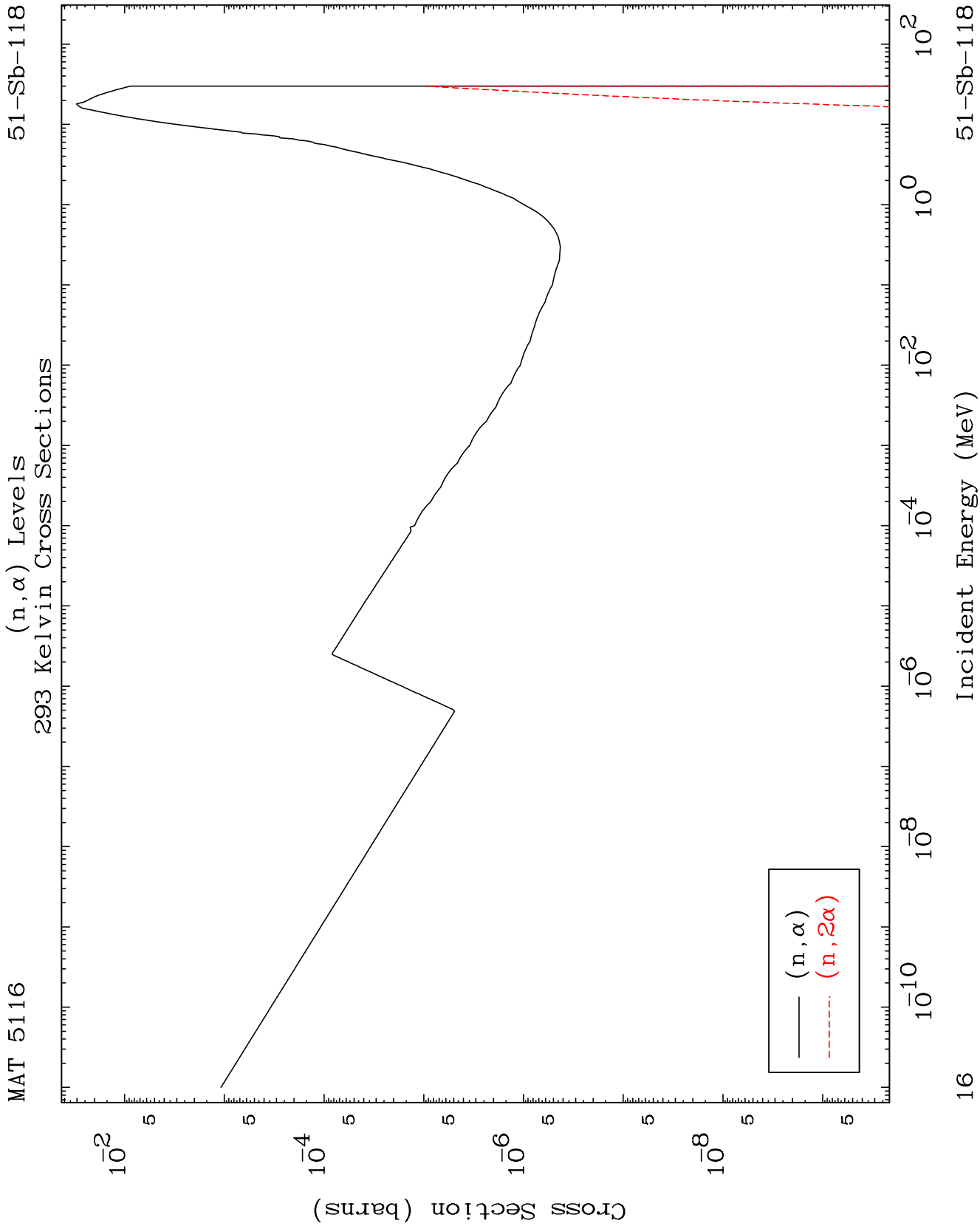
51-Sb-118

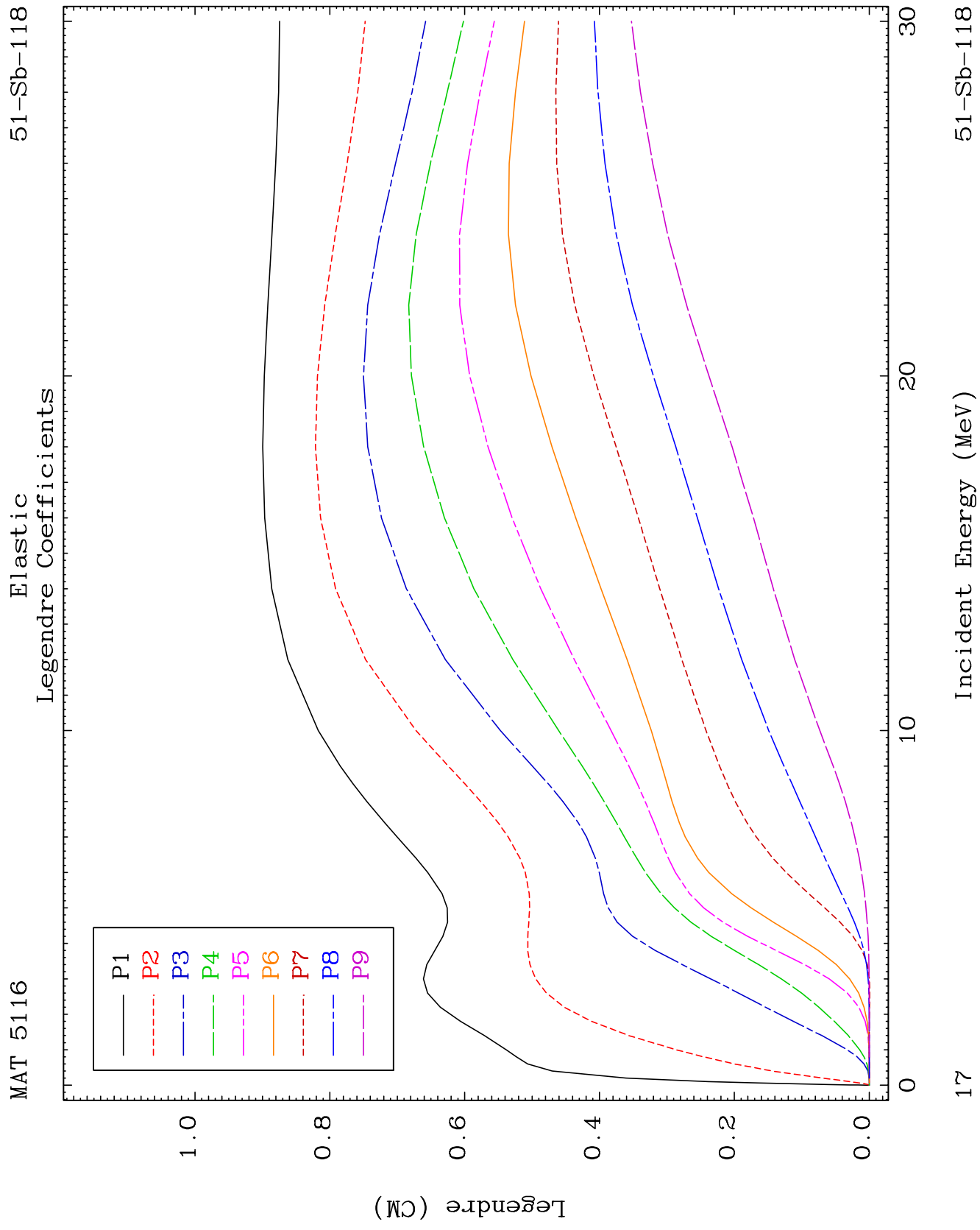


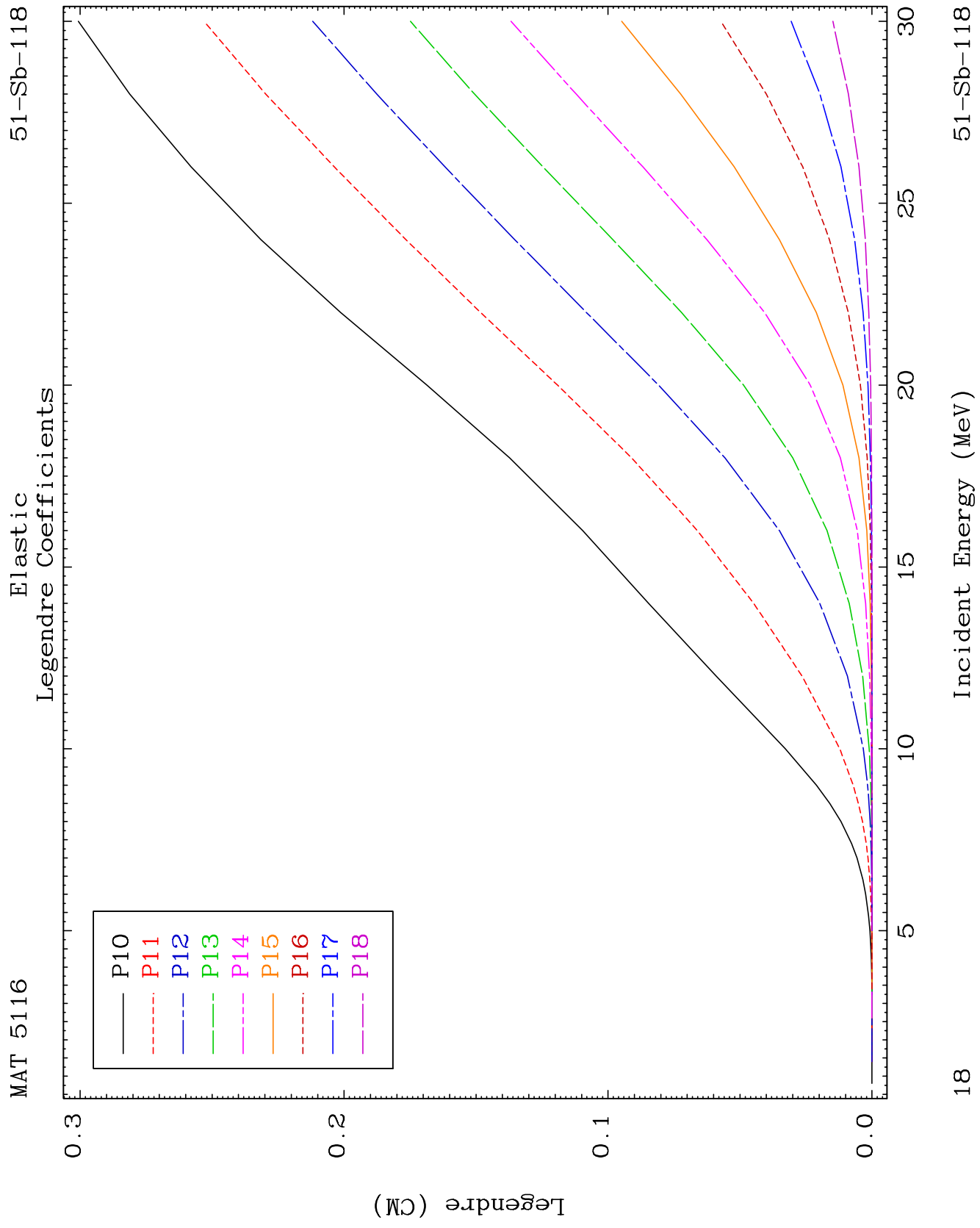
15

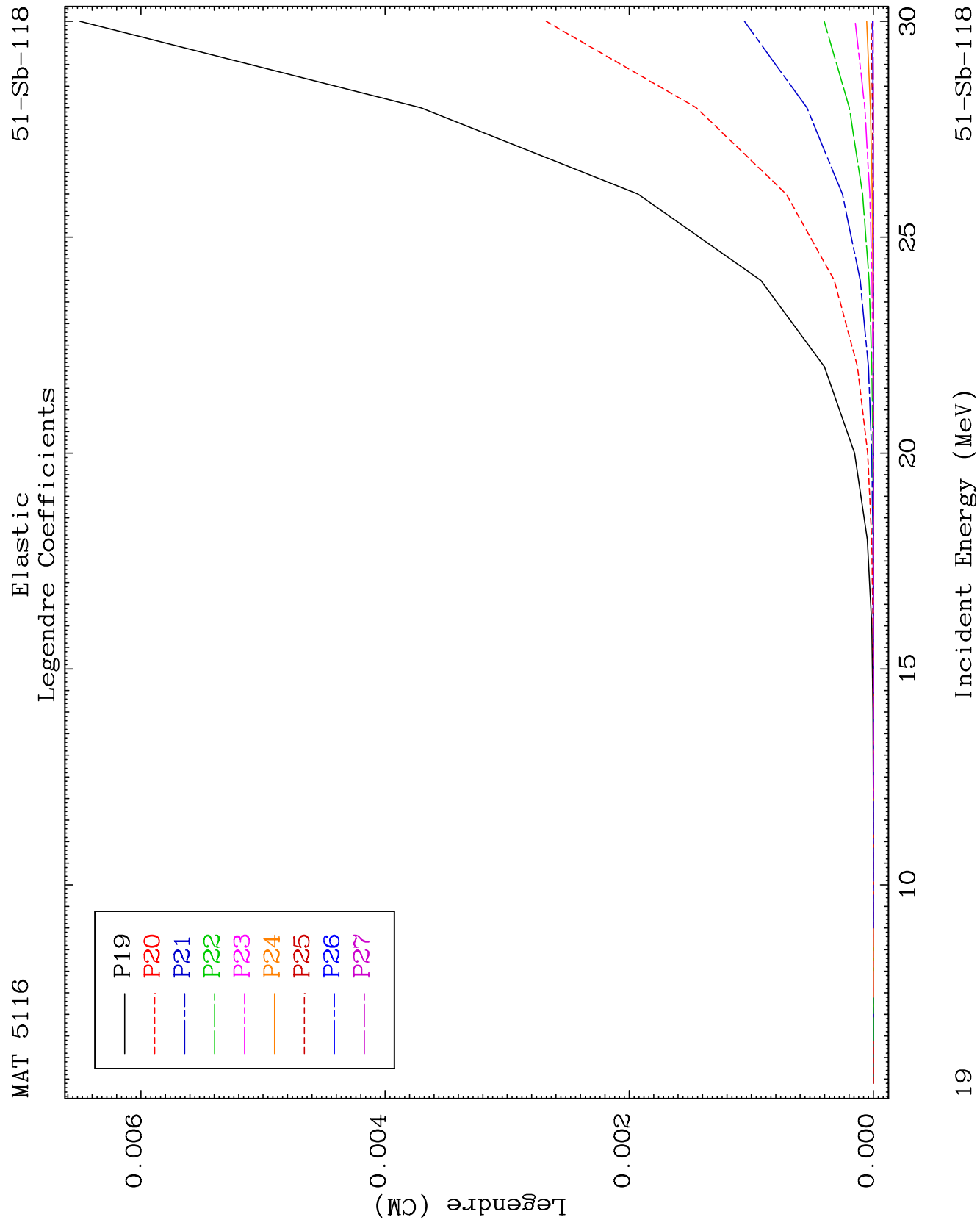
Incident Energy (MeV)

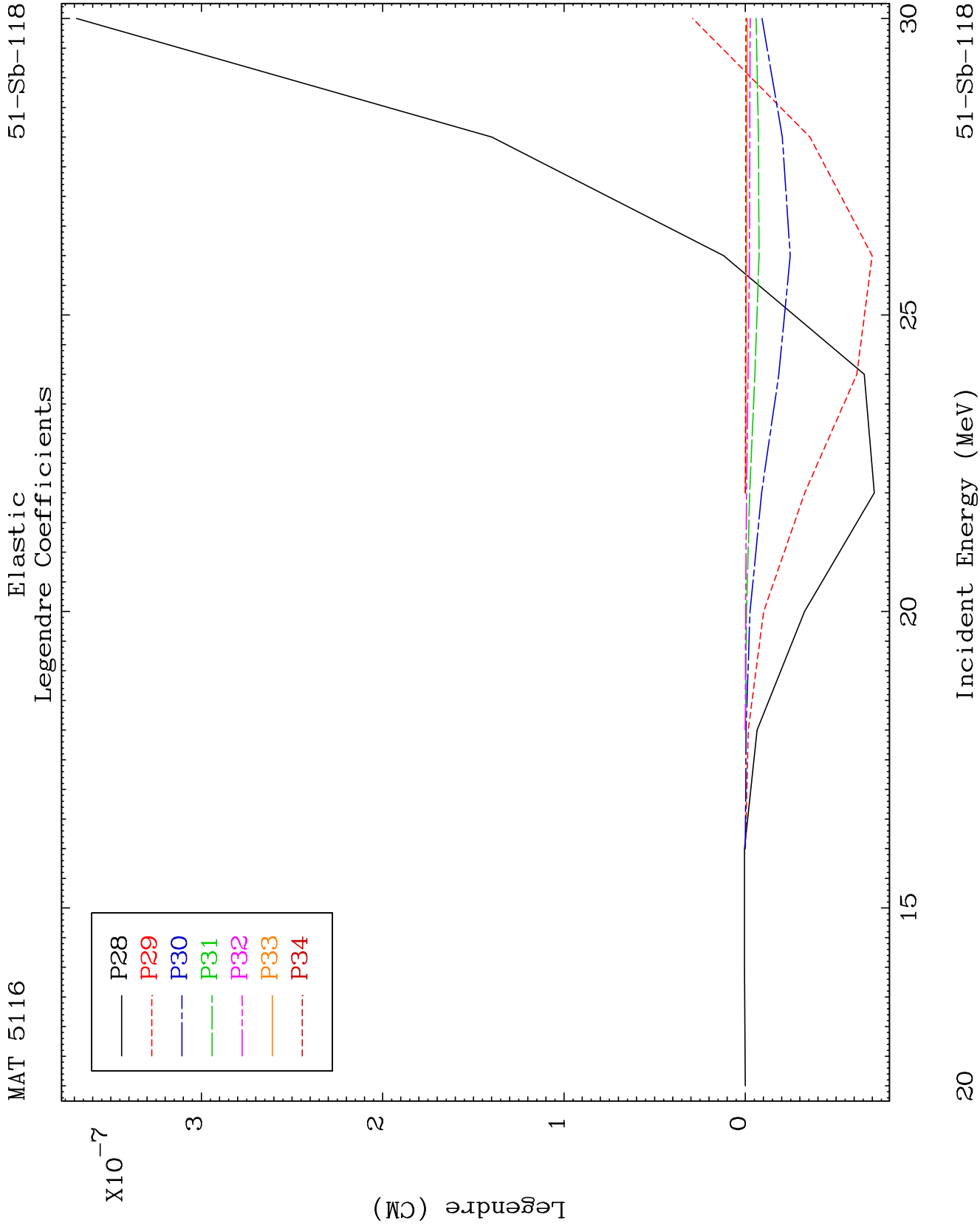
51-Sb-118

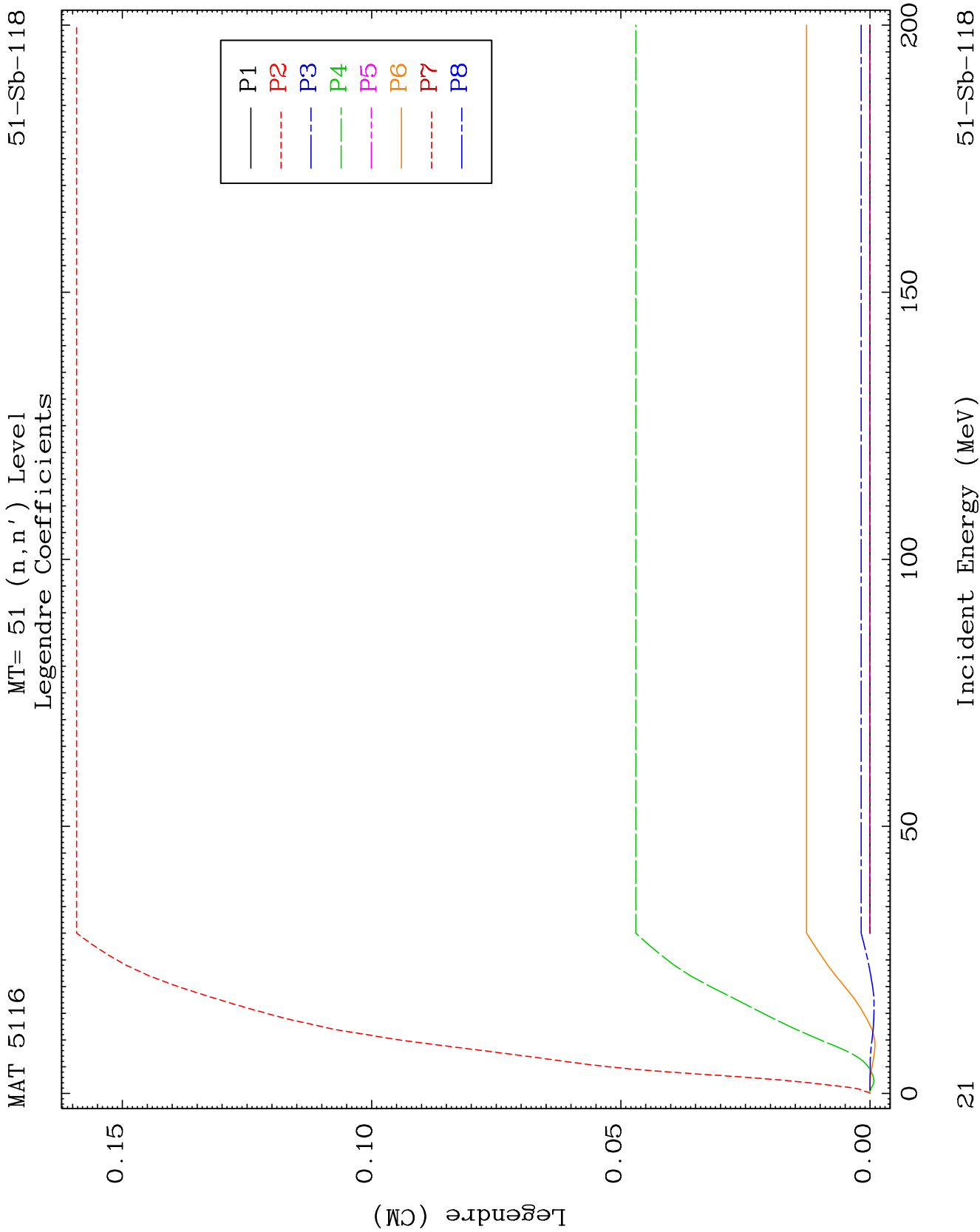


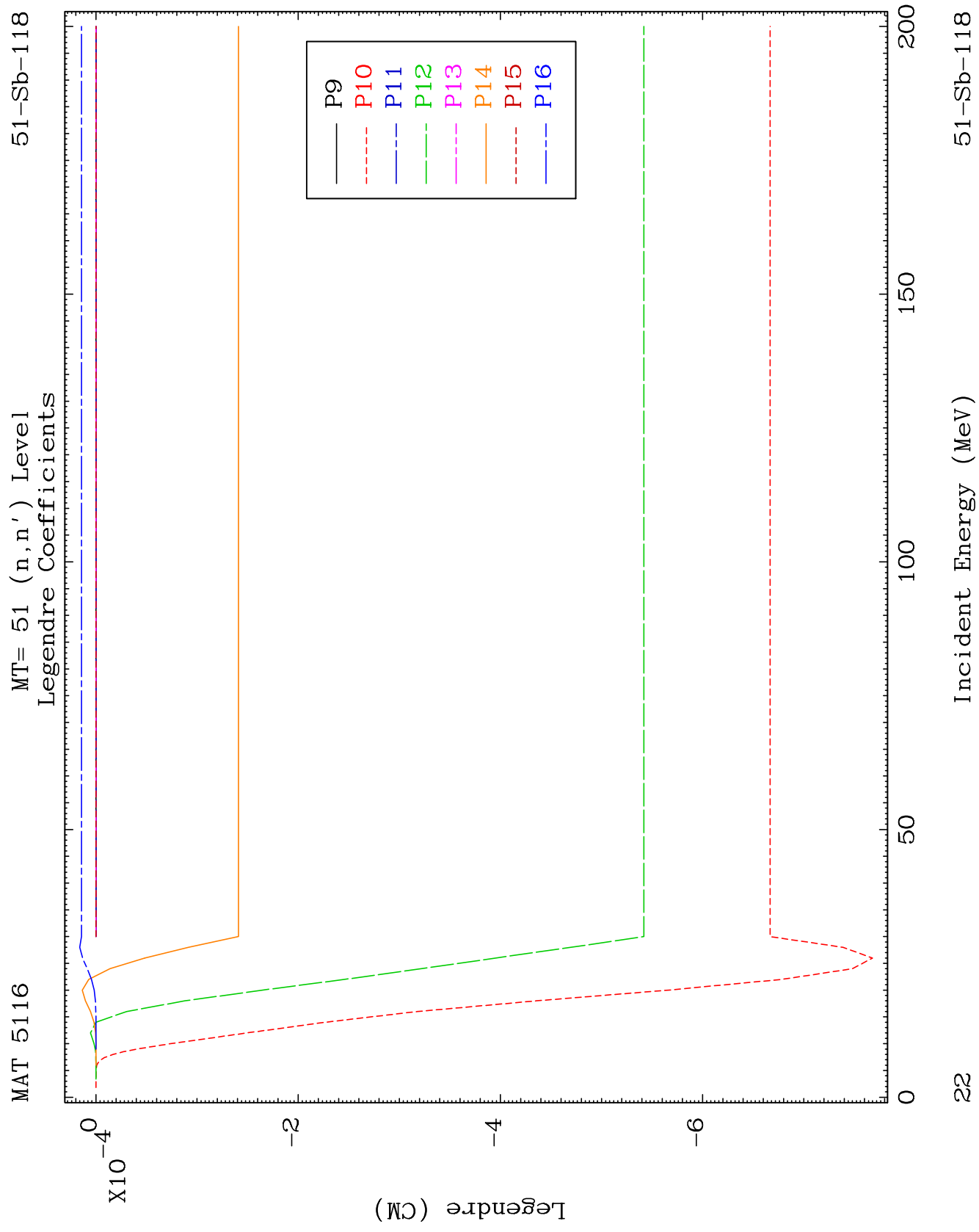


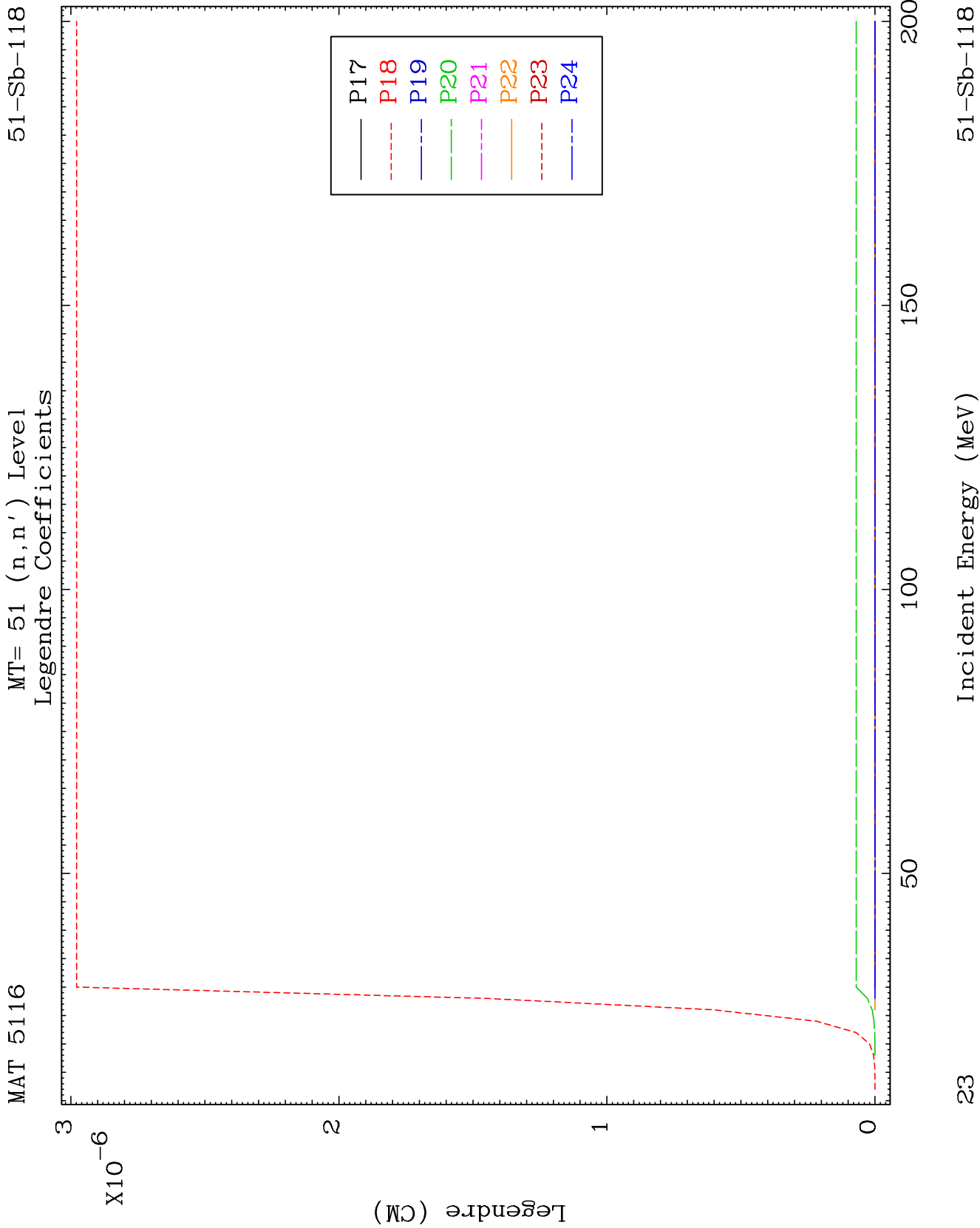


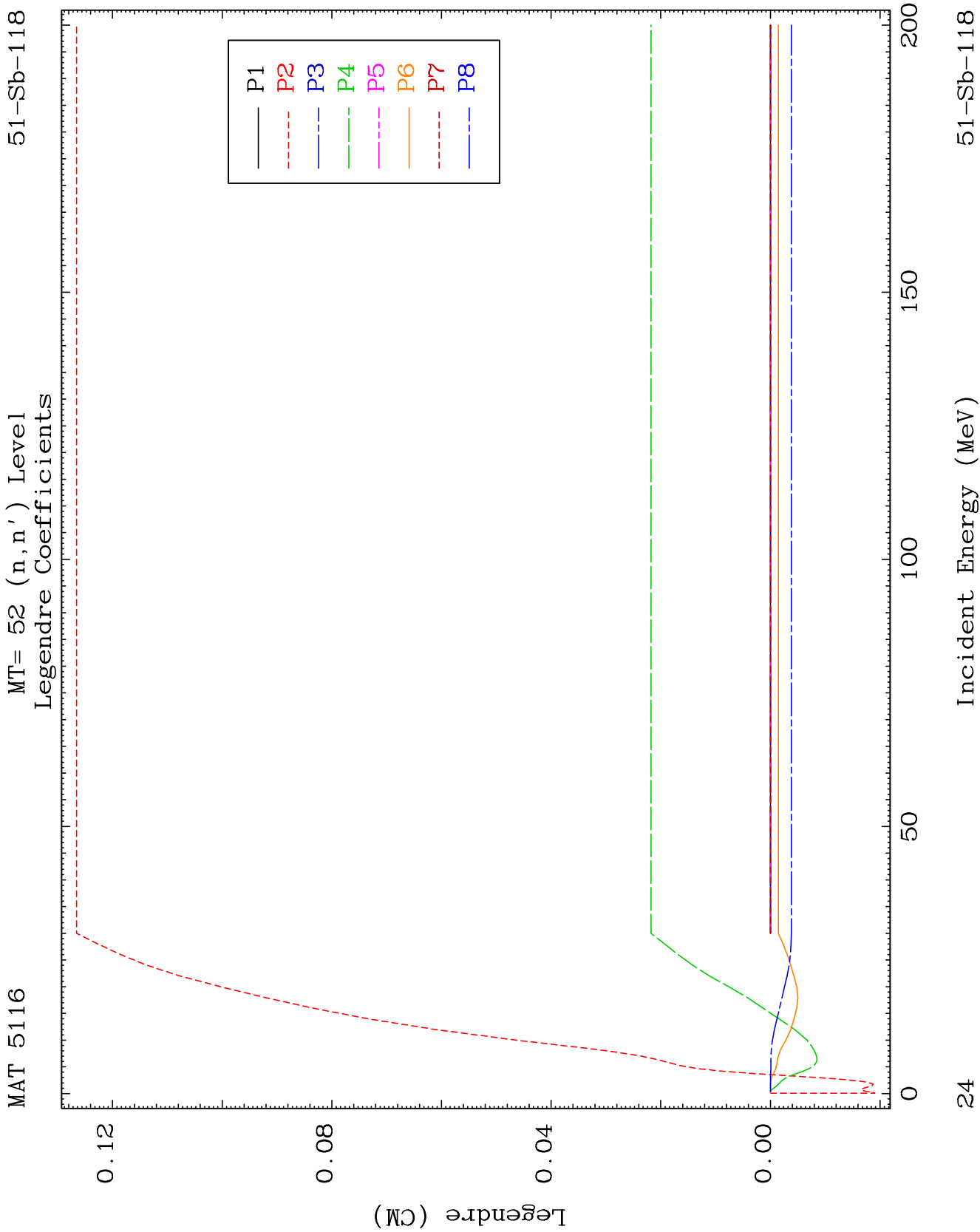


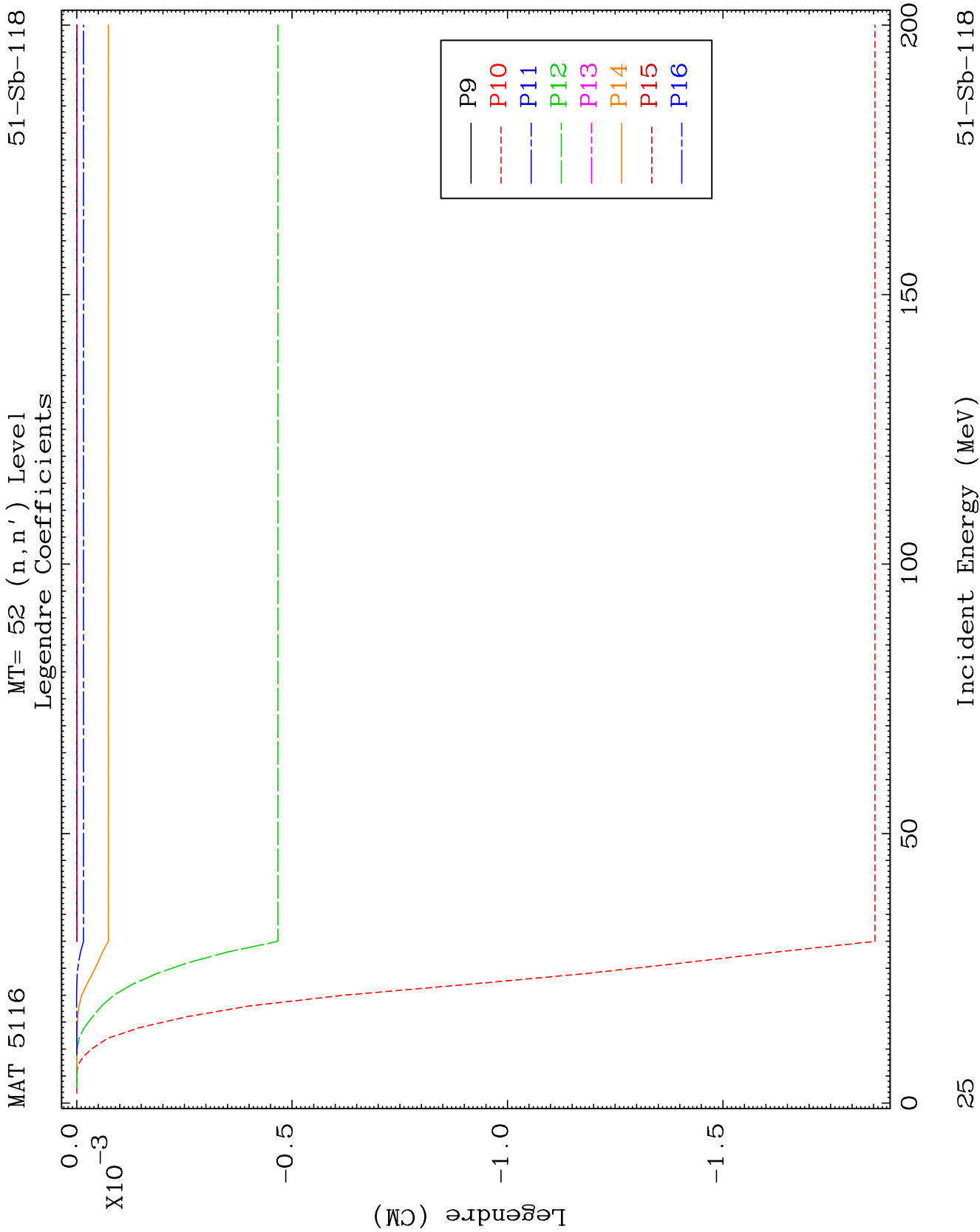


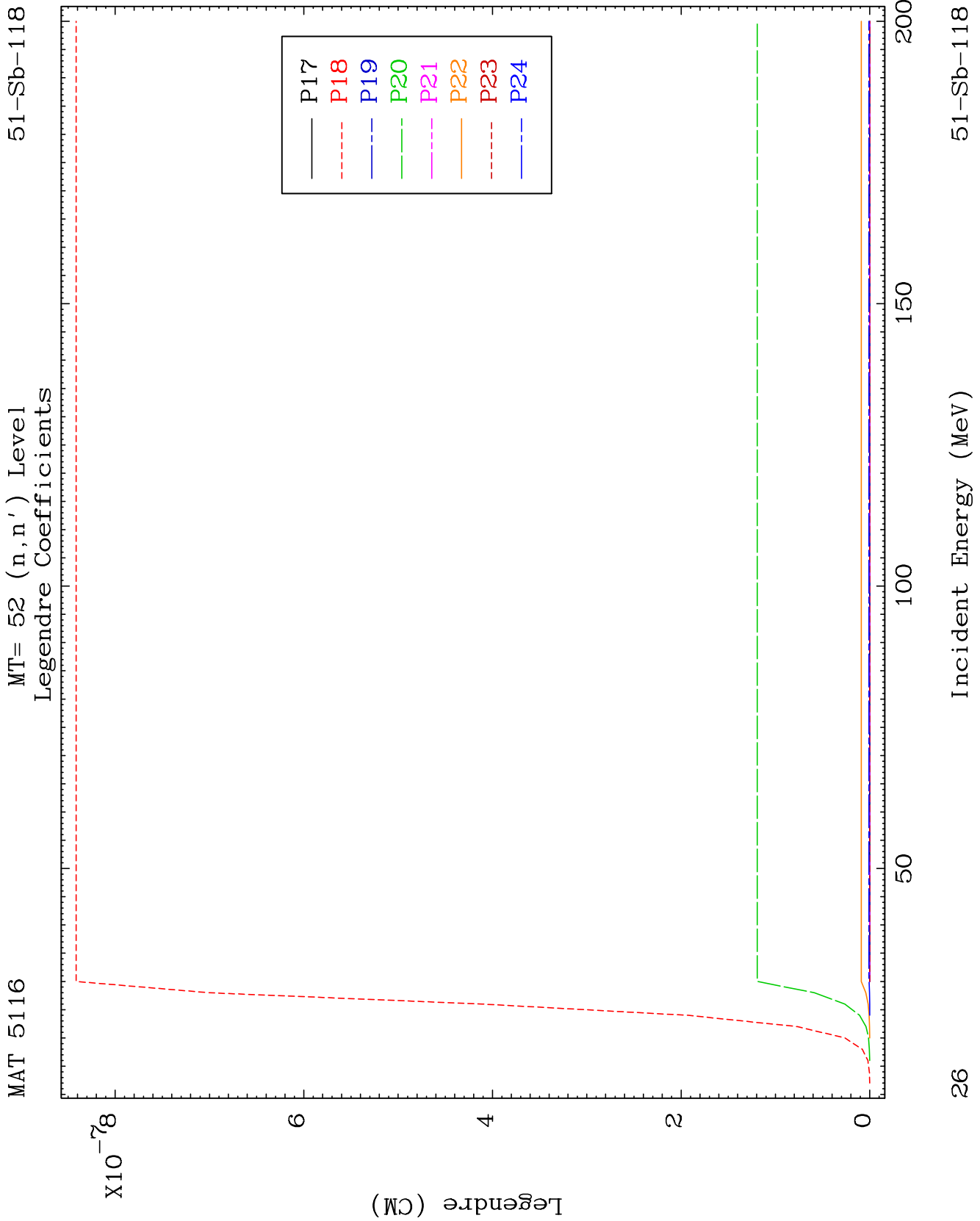








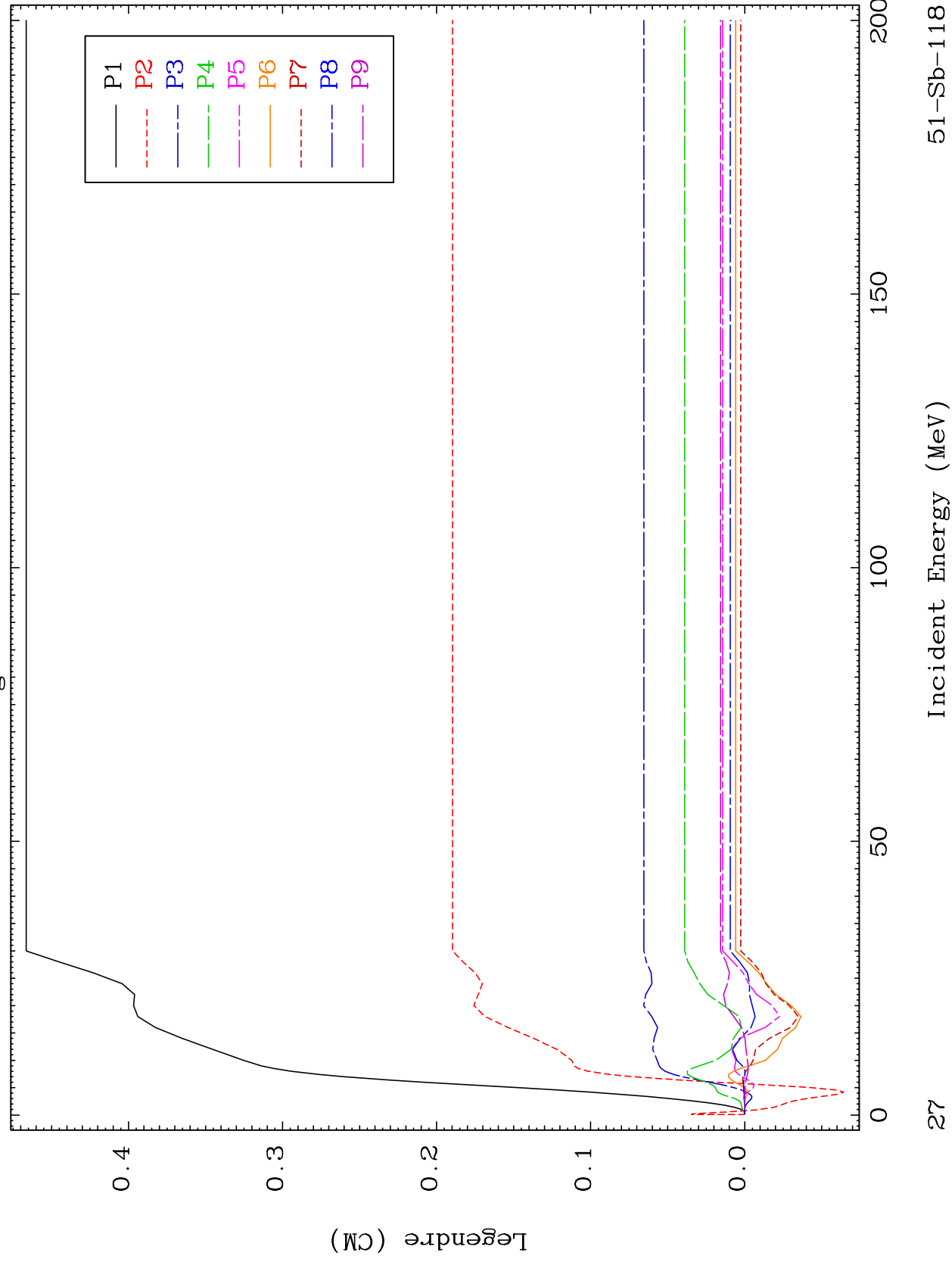




MAT 5116

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

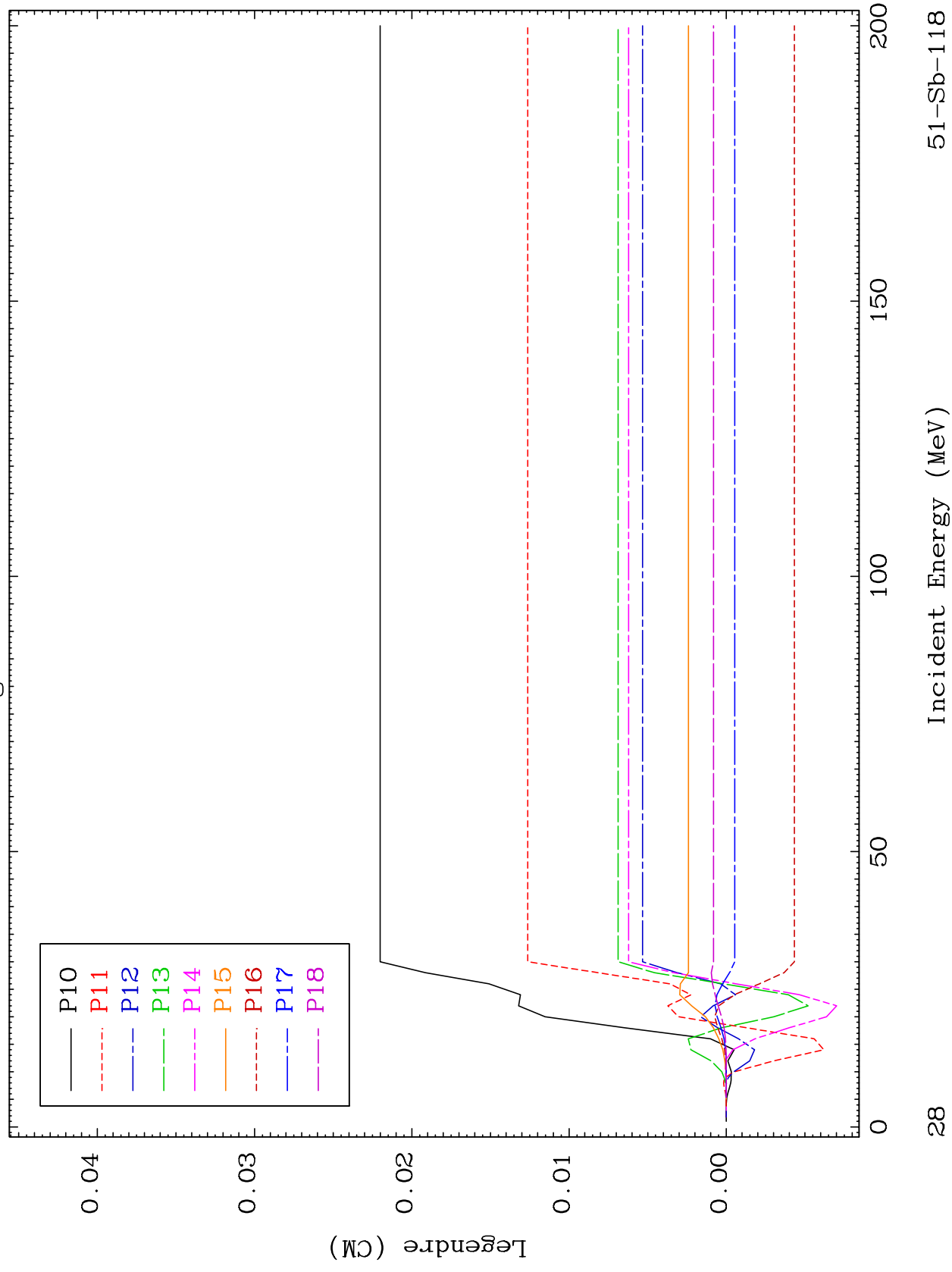
51-Sb-118

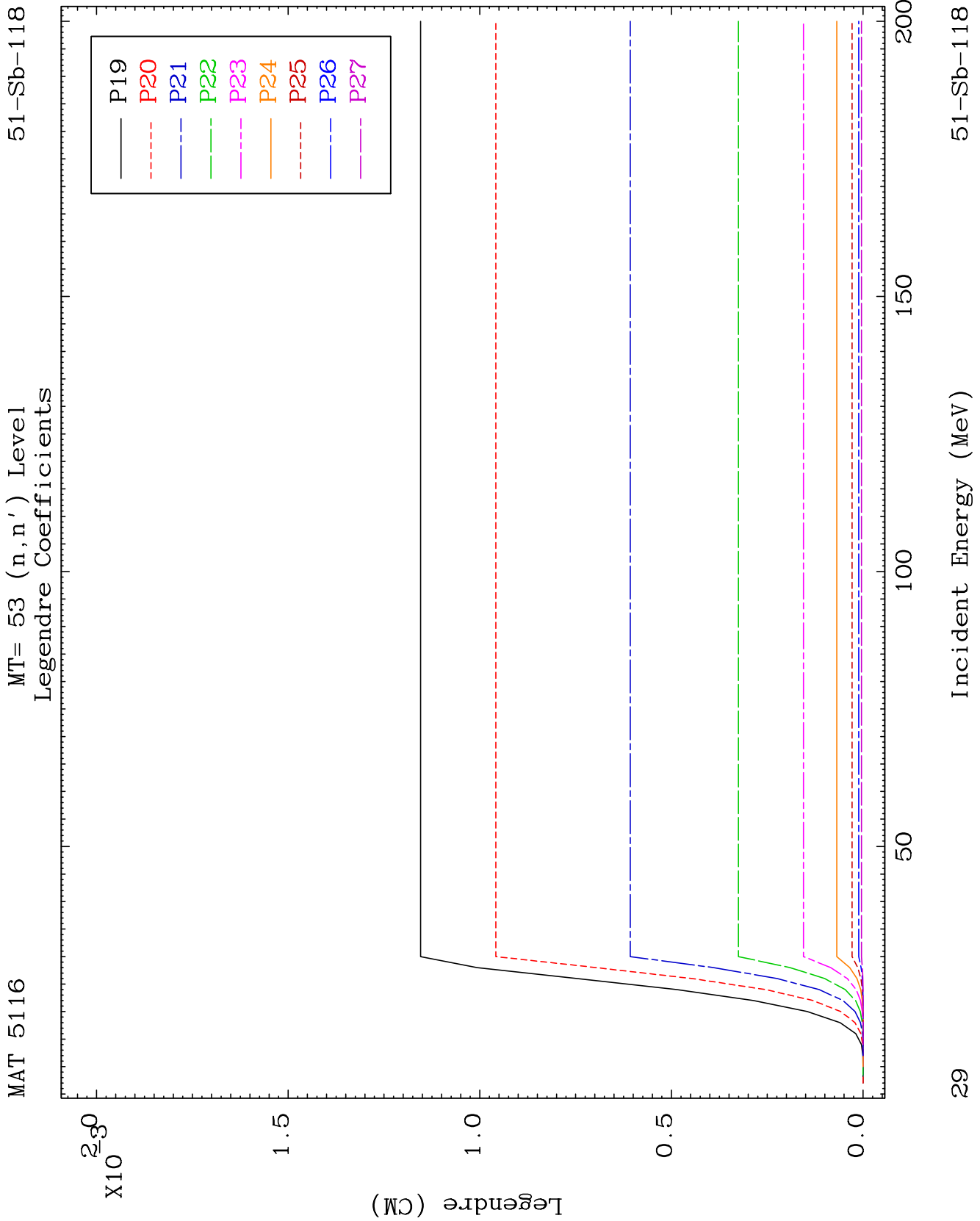


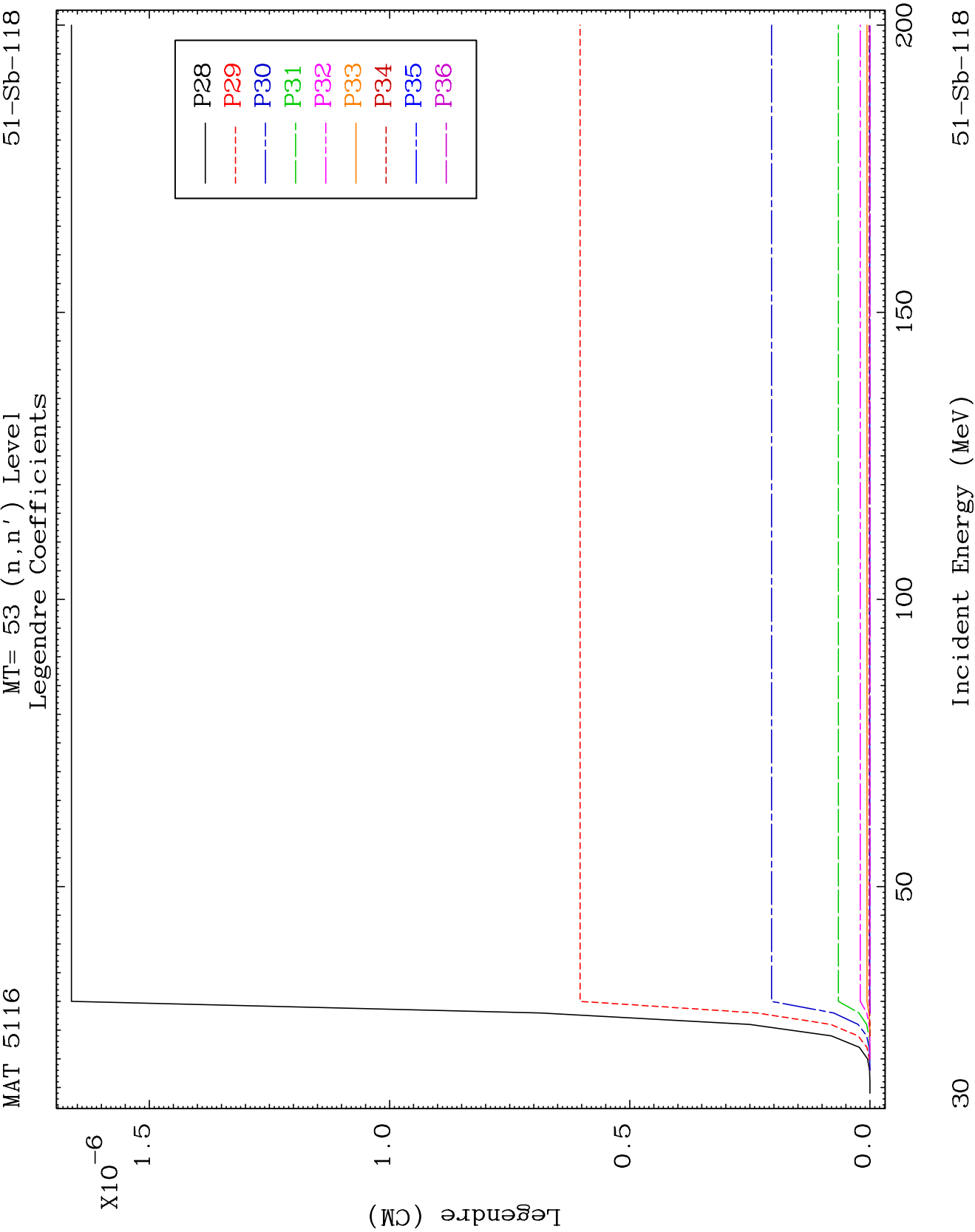
MAT 5116

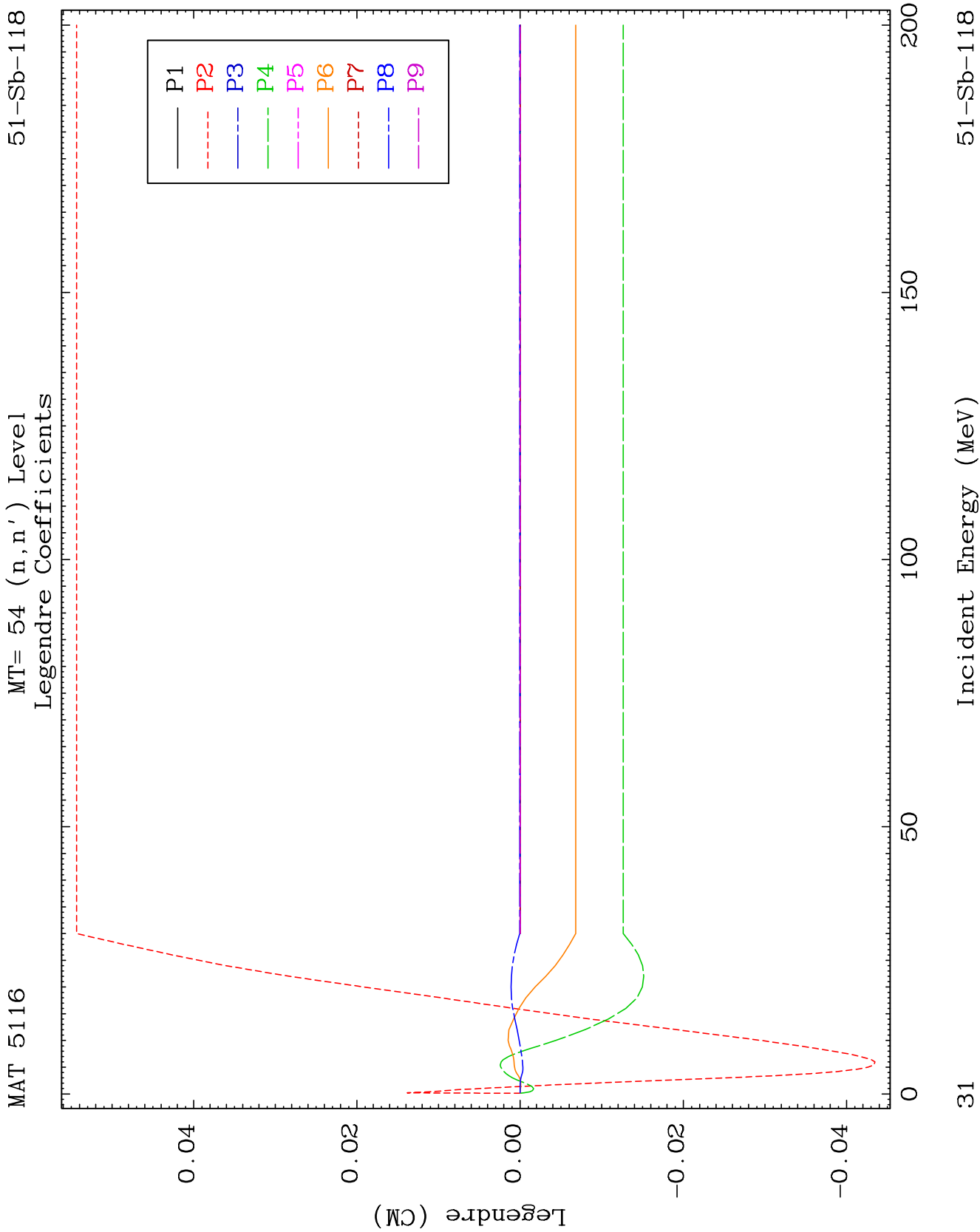
MT= 53 (n, n') Level
Legendre Coefficients

51-Sb-118





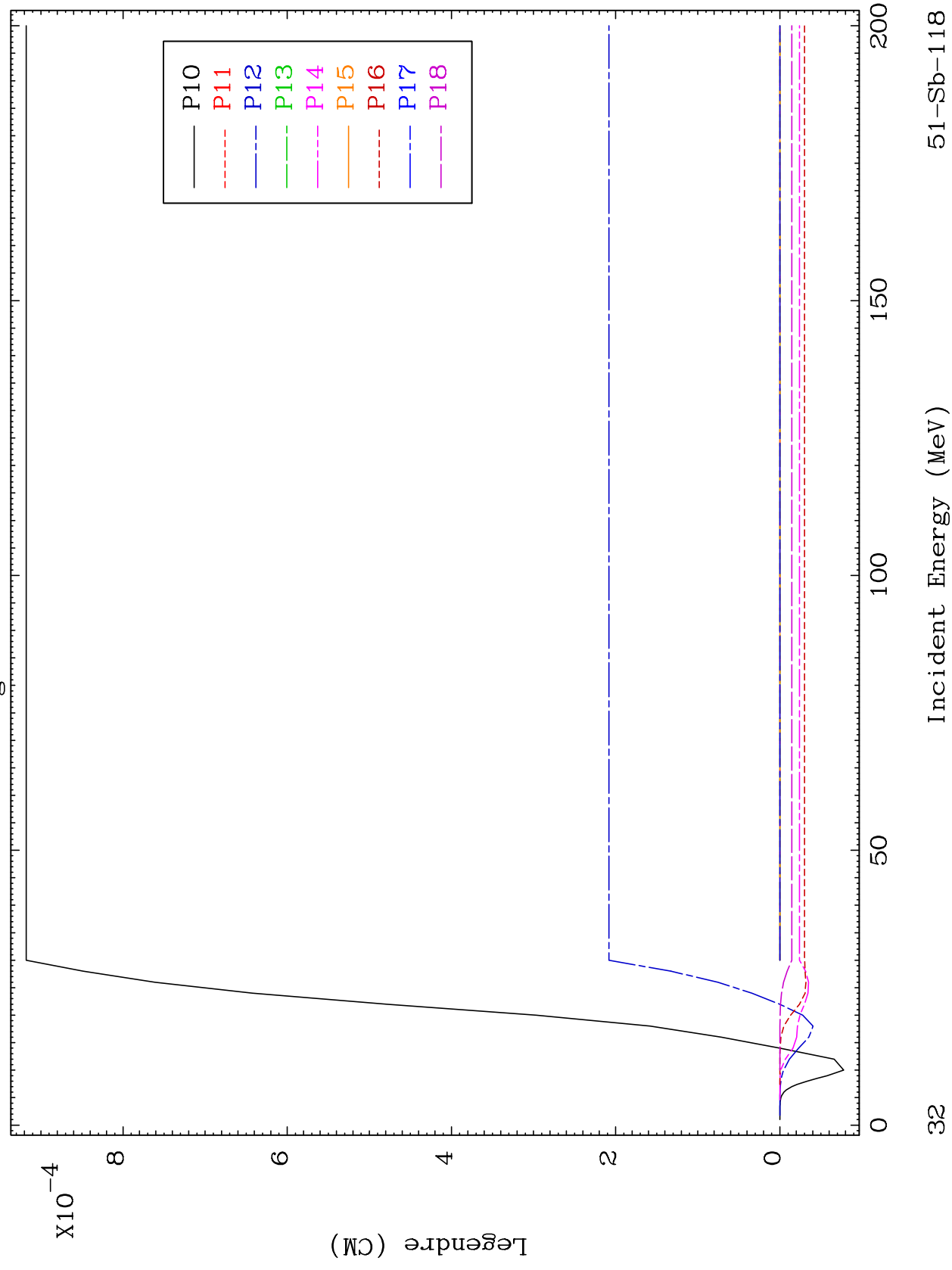


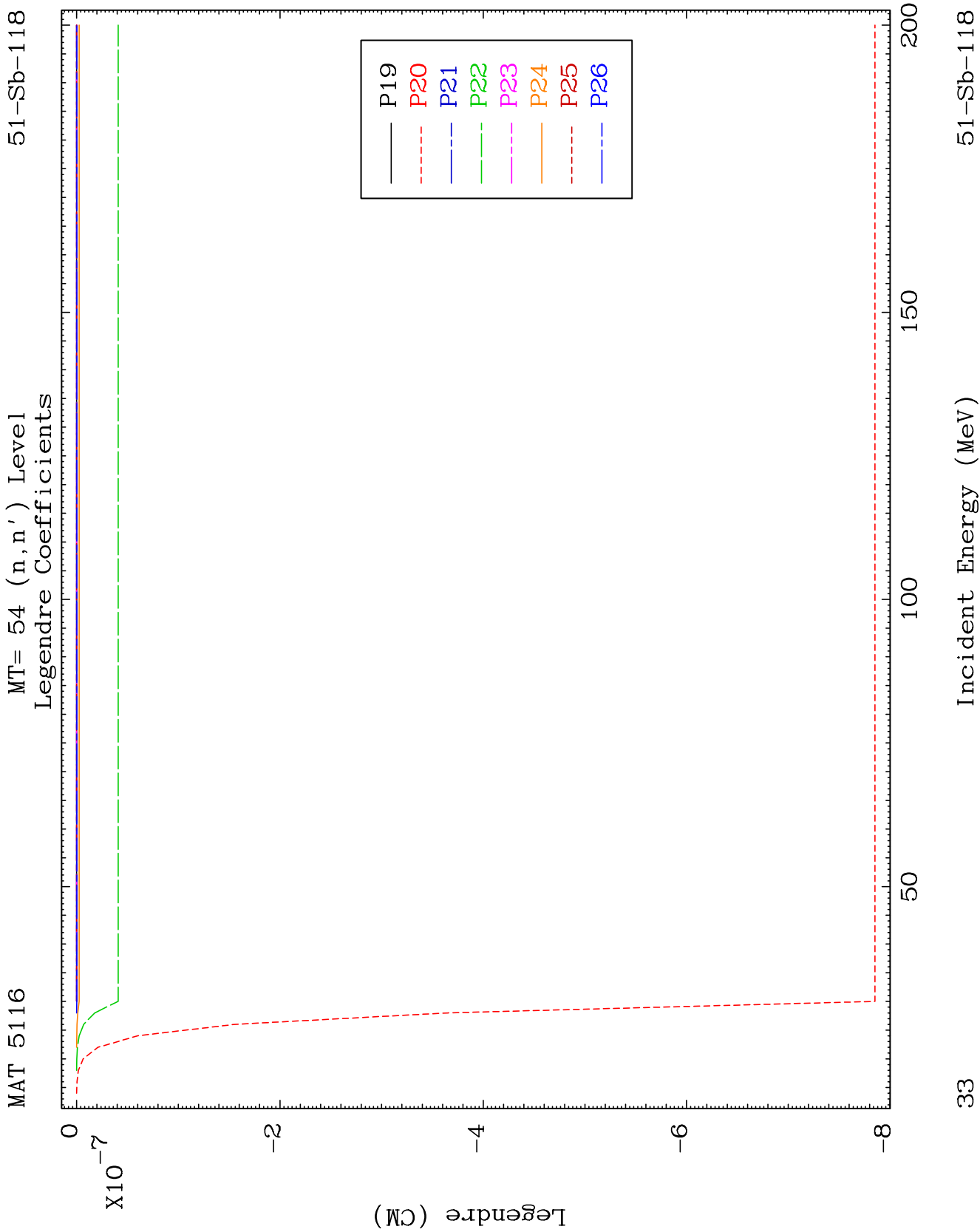


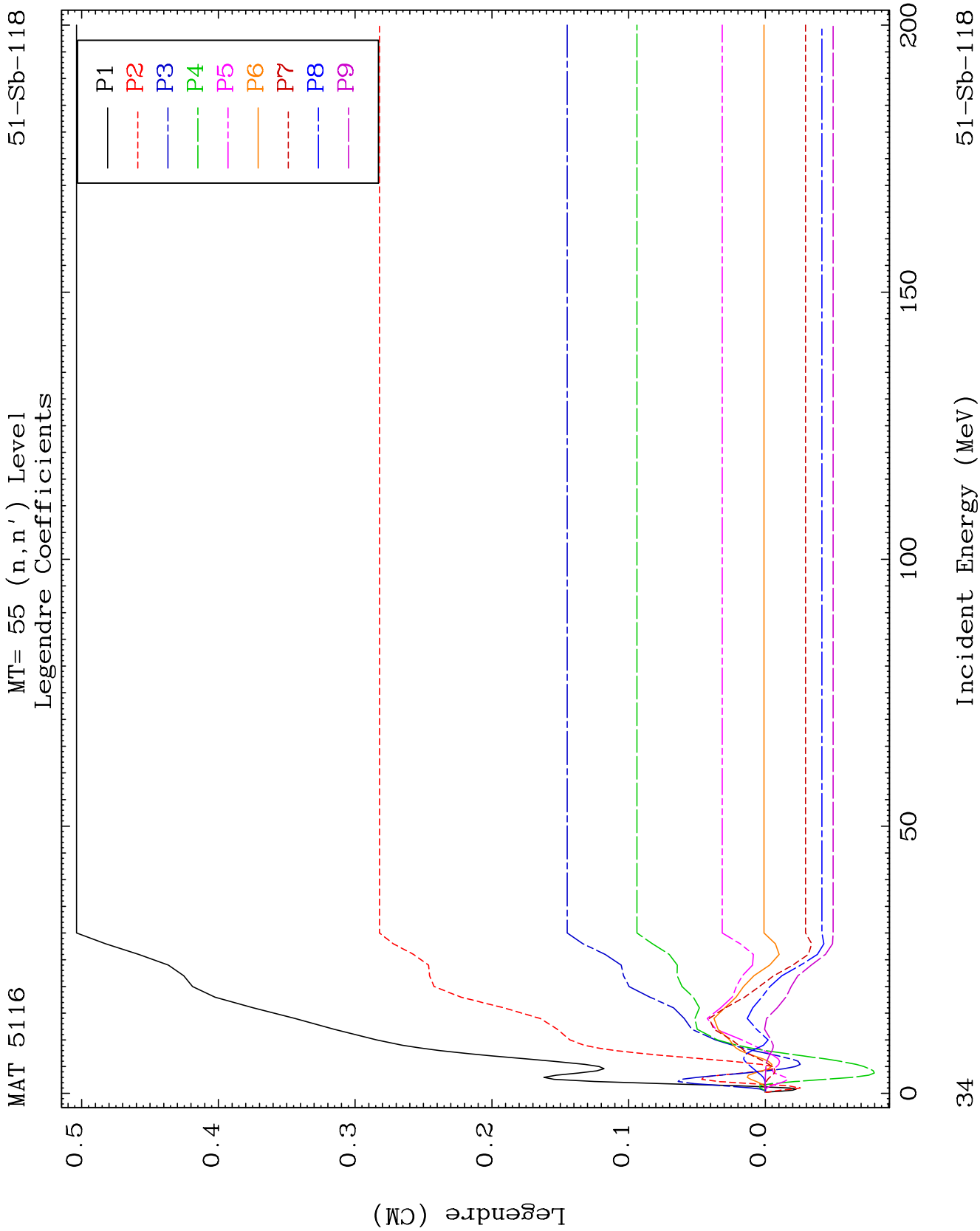
MAT 5116

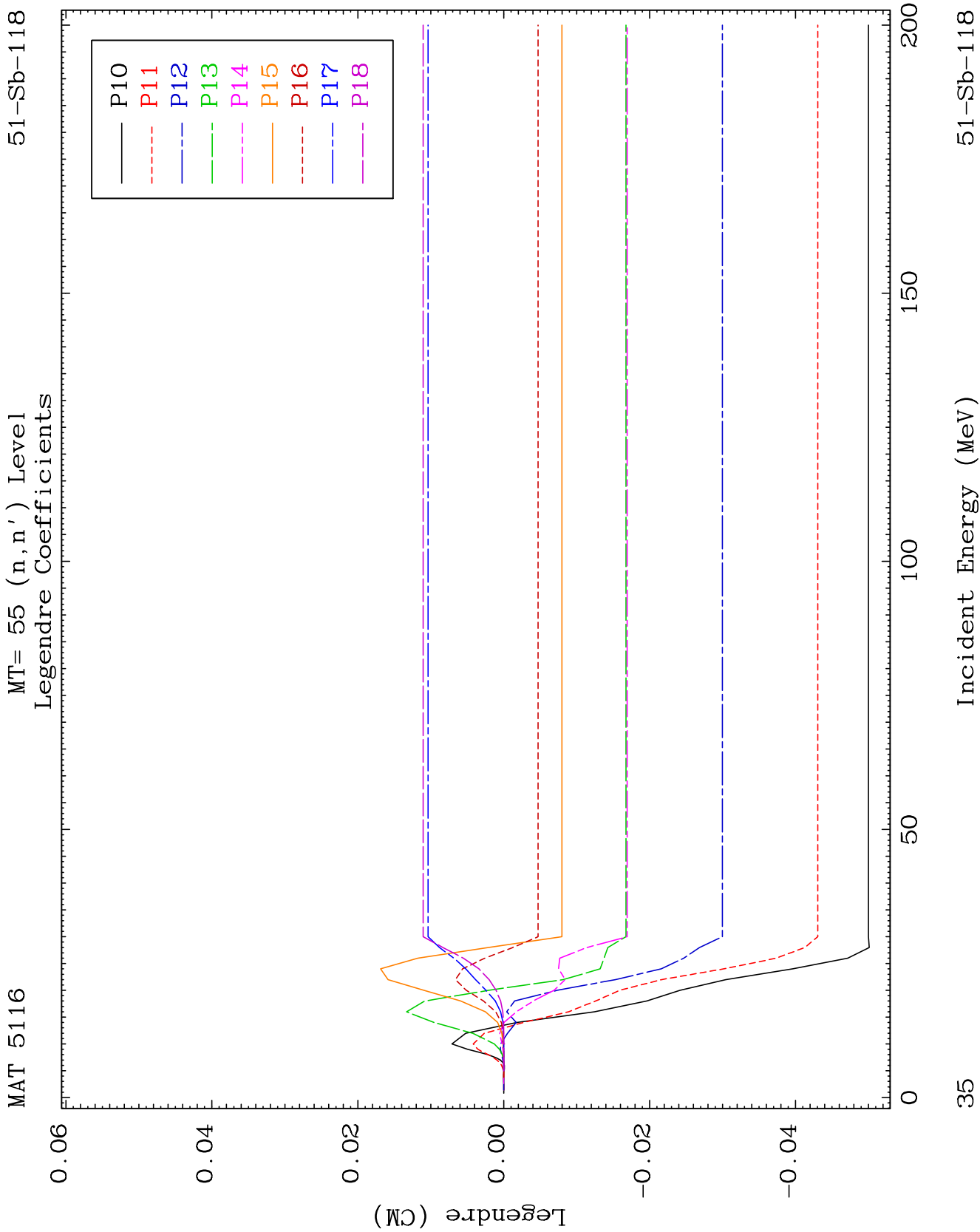
MT= 54 (n, n') Level
Legendre Coefficients

51-Sb-118





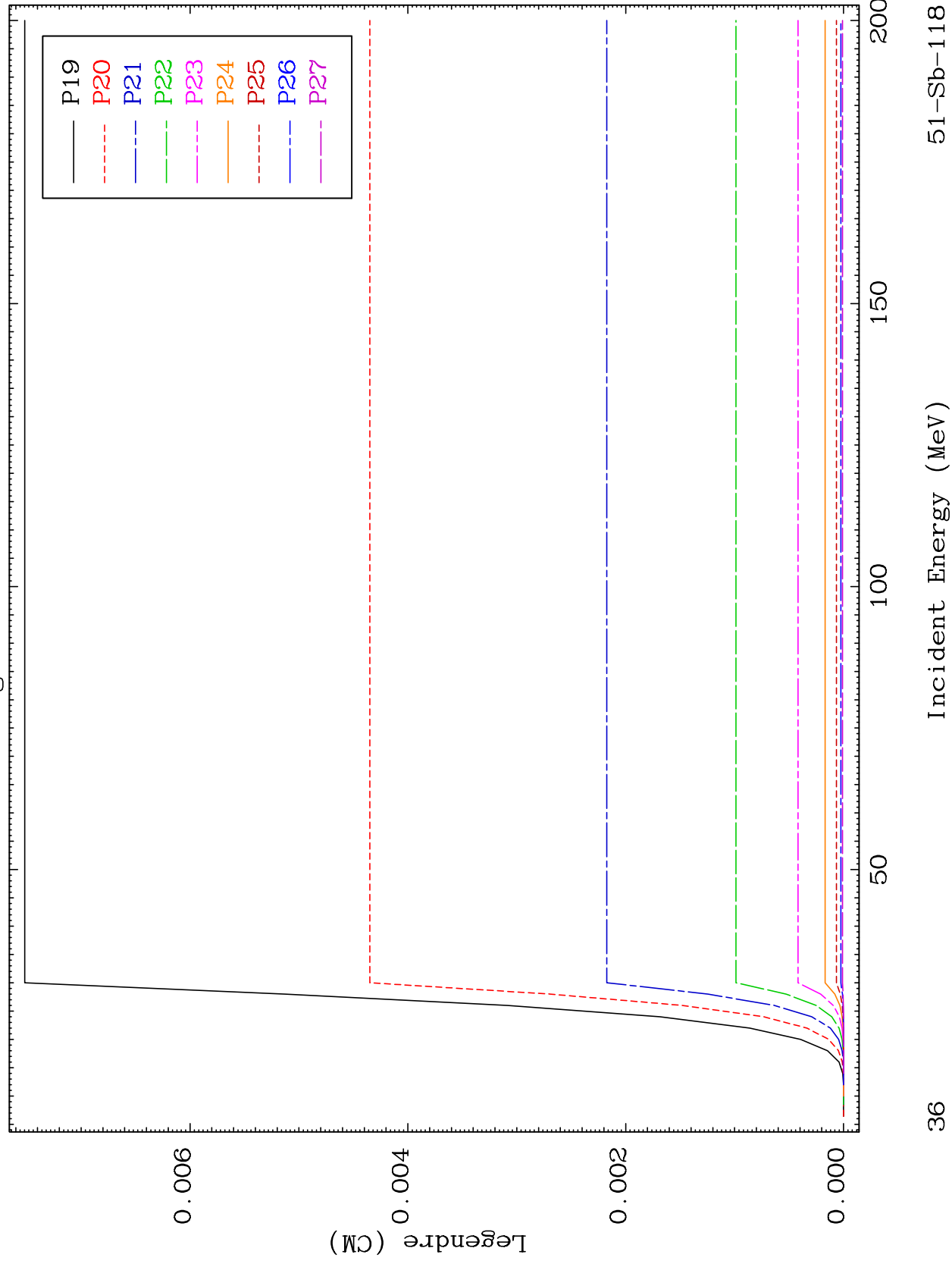




MAT 5116

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

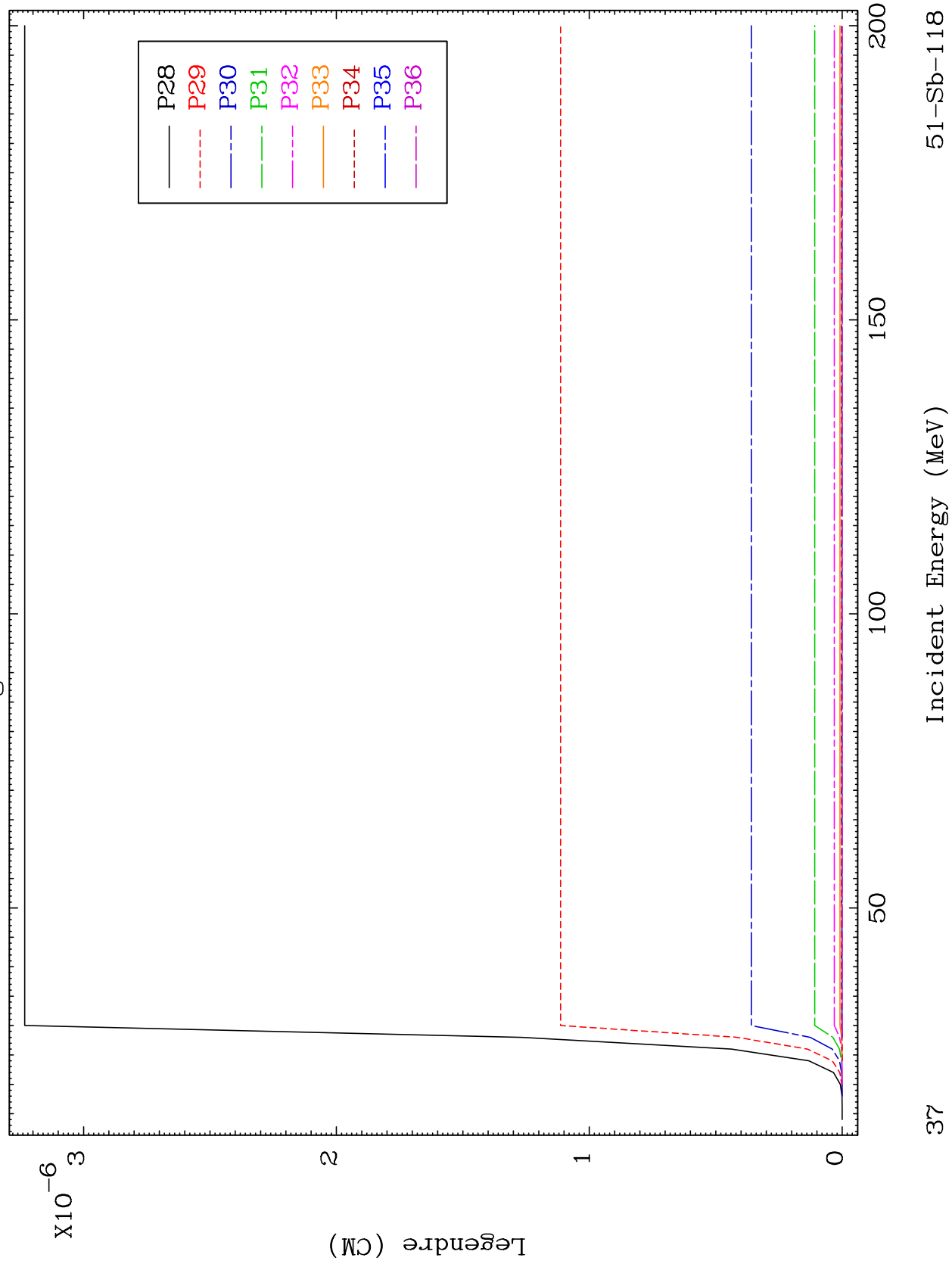
51-Sb-118



MAT 5116

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

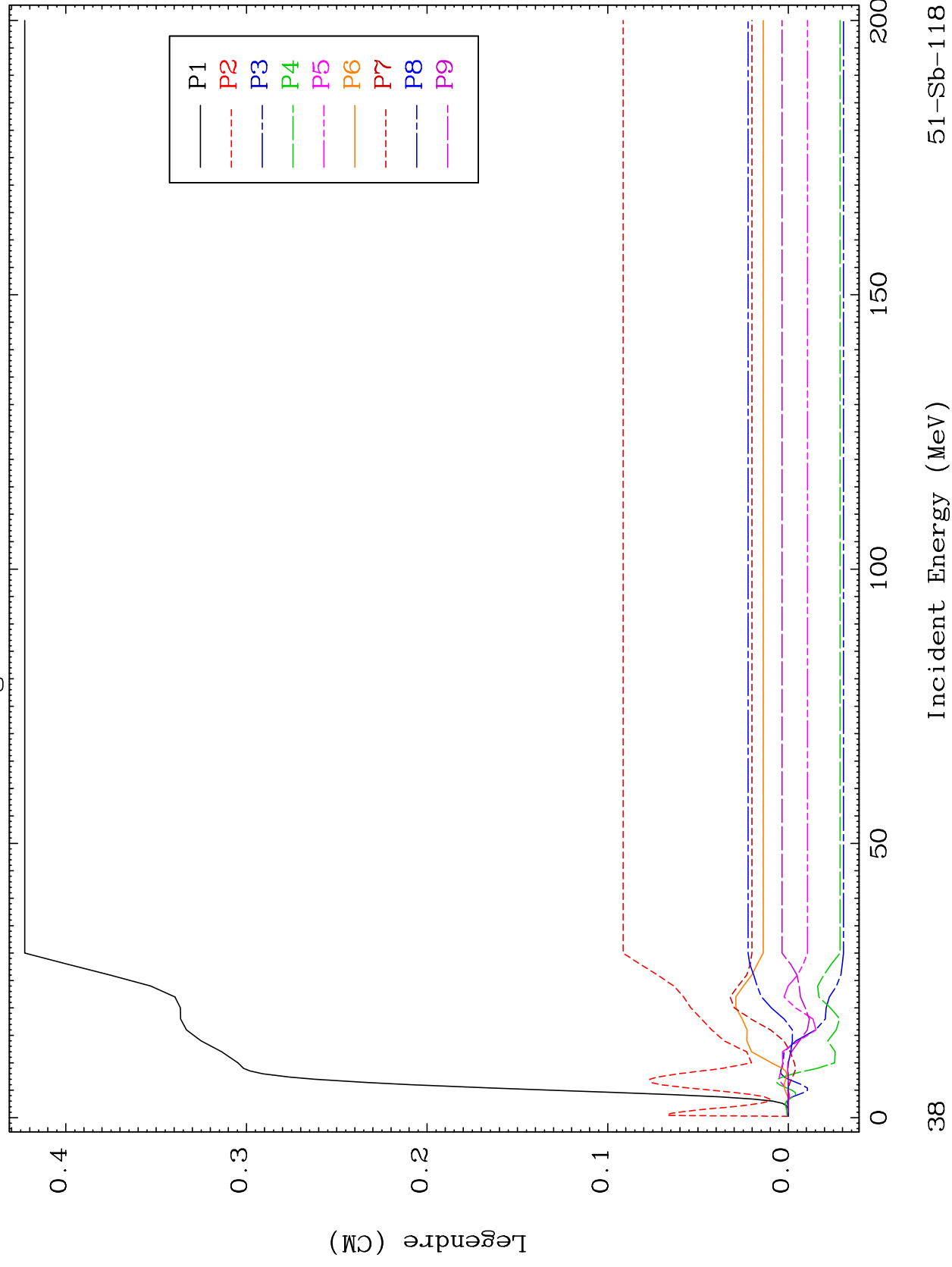
51-Sb-118

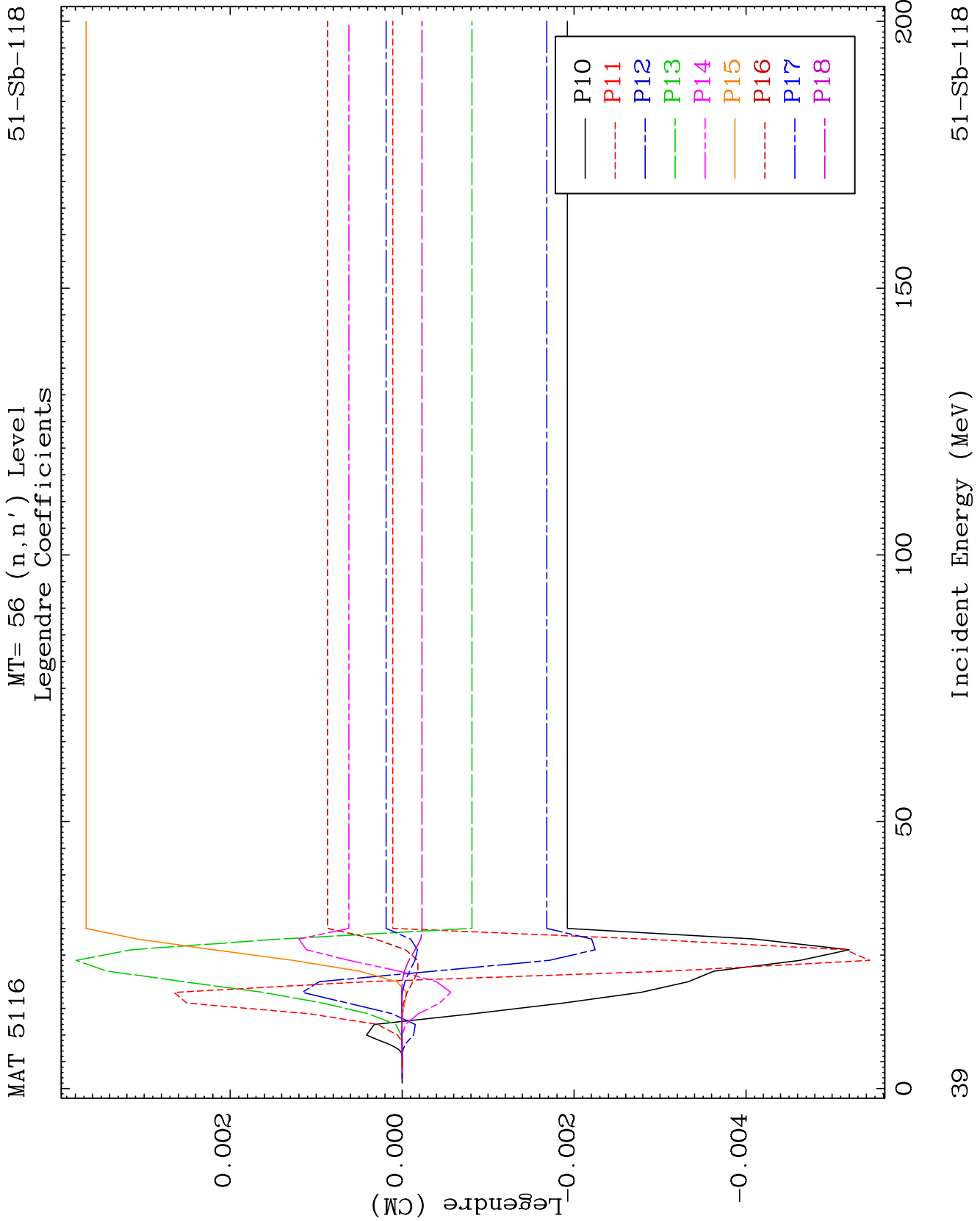


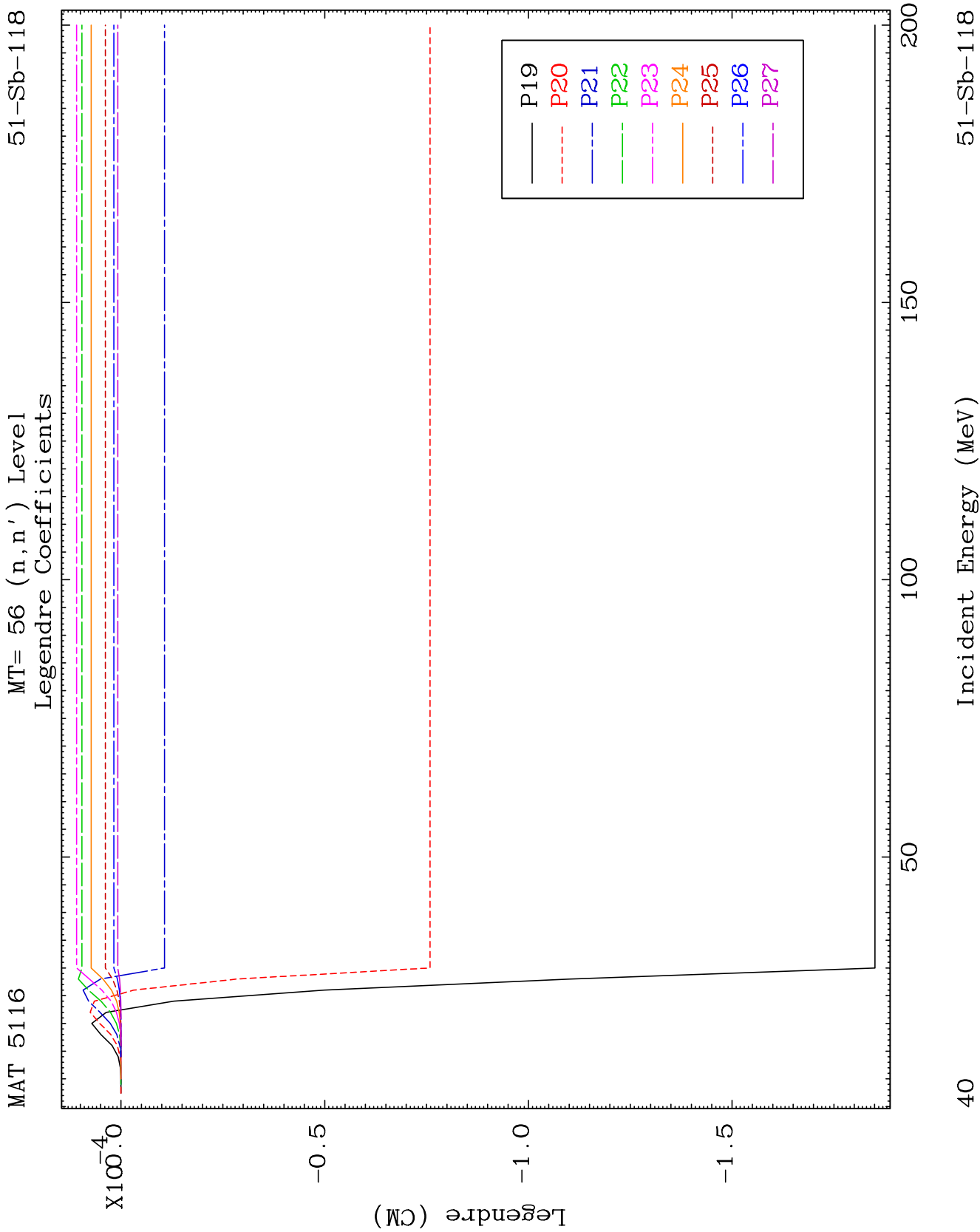
MAT 5116

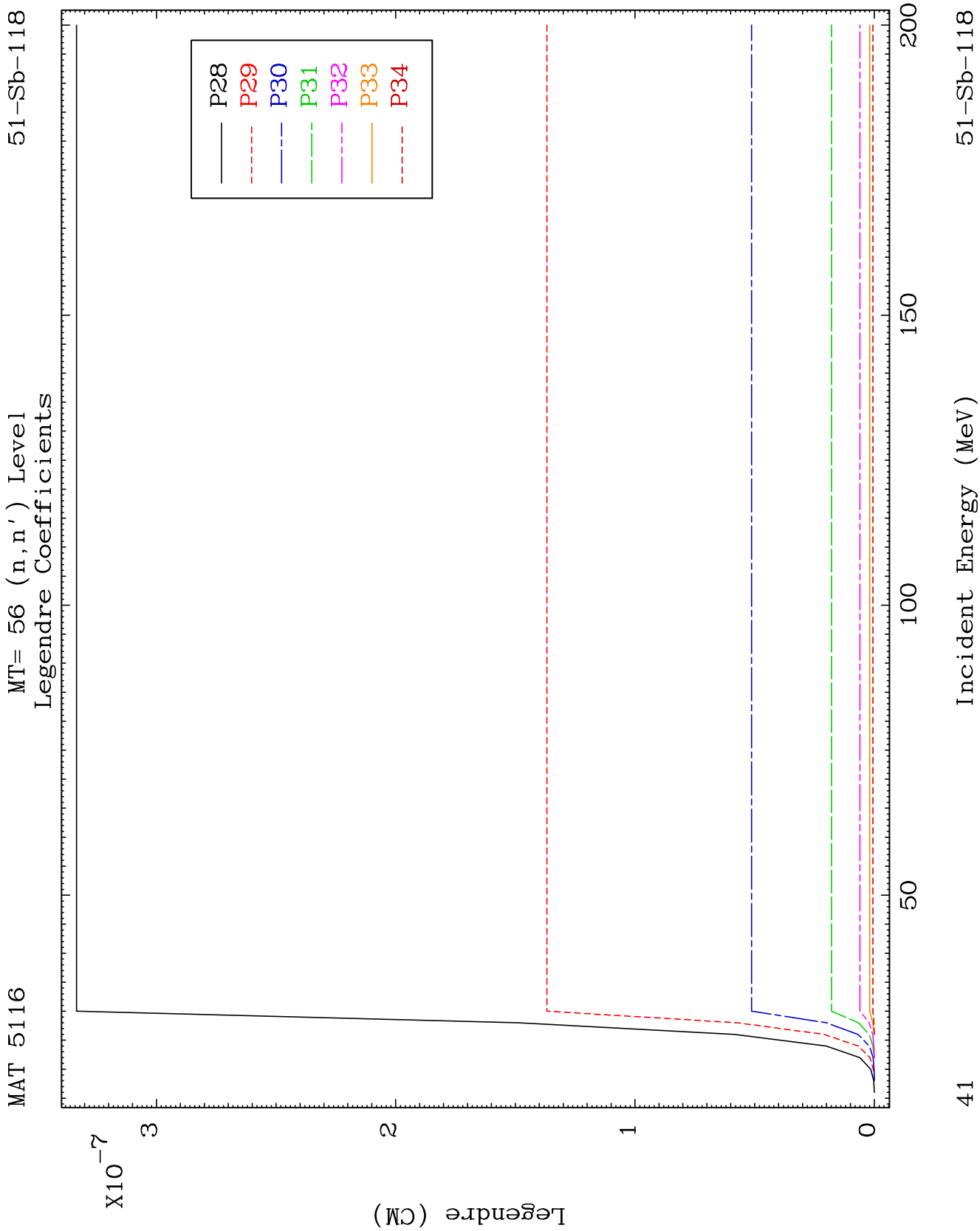
MT= 56 (n, n') Level
Legendre Coefficients

51-Sb-118





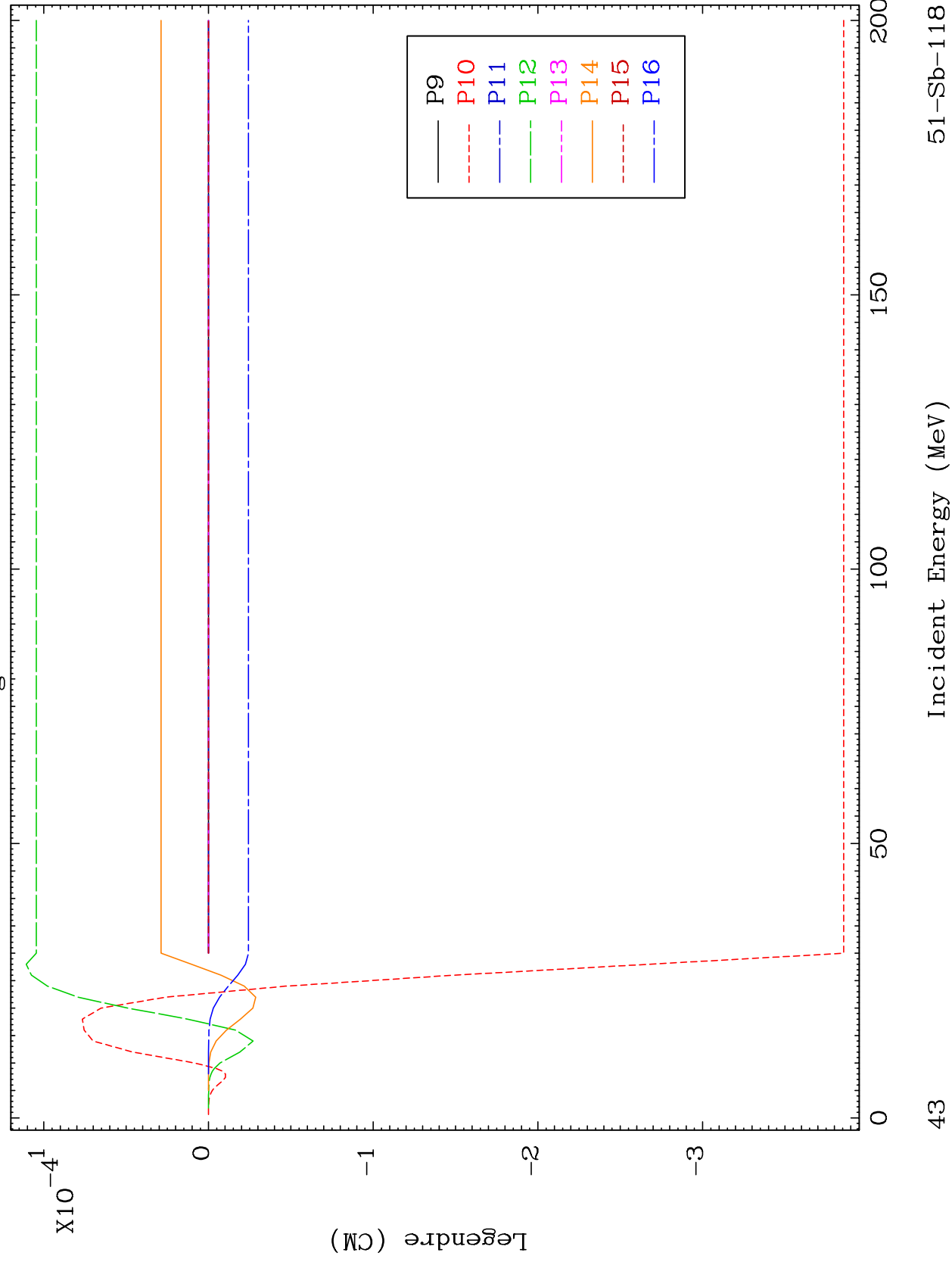


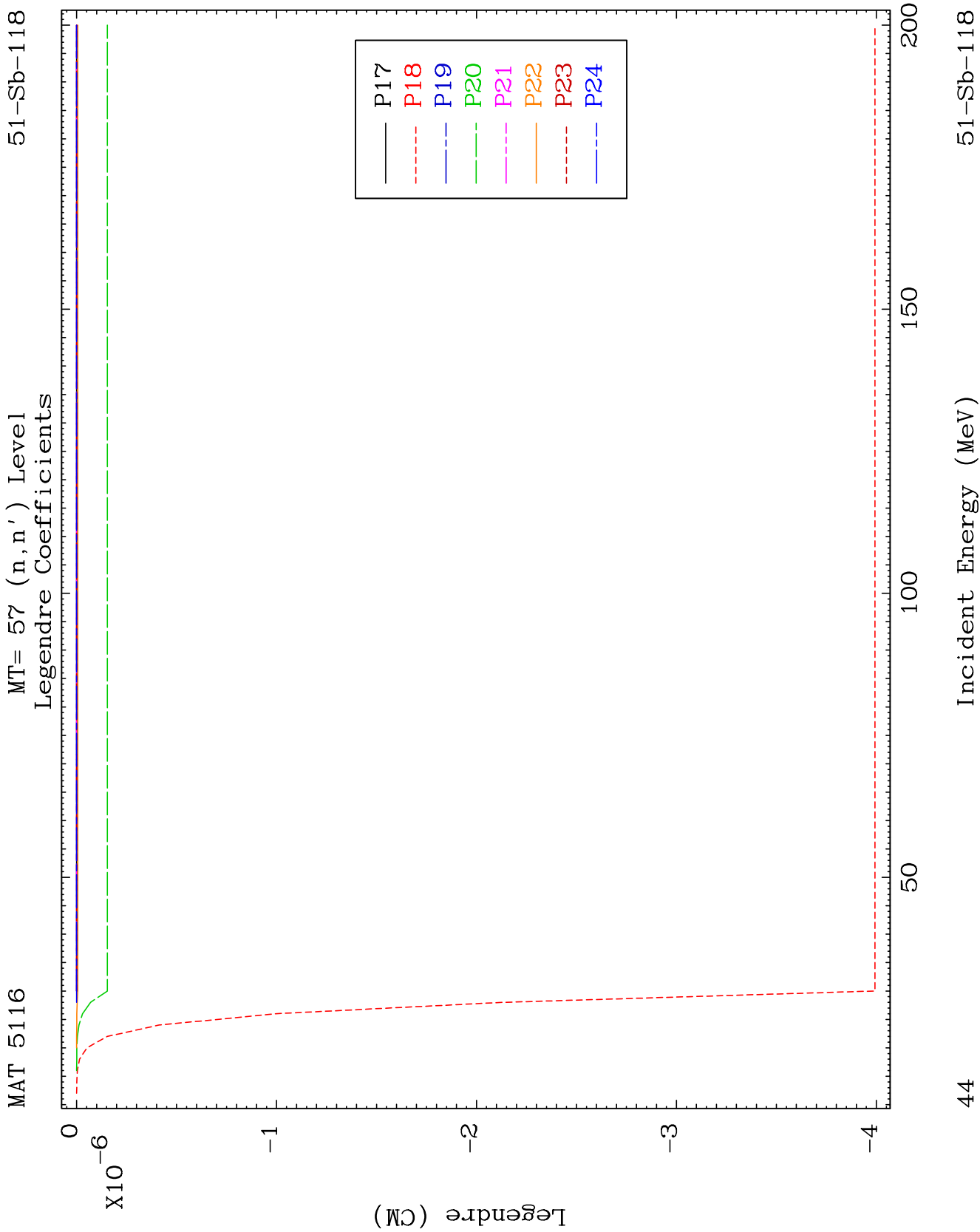


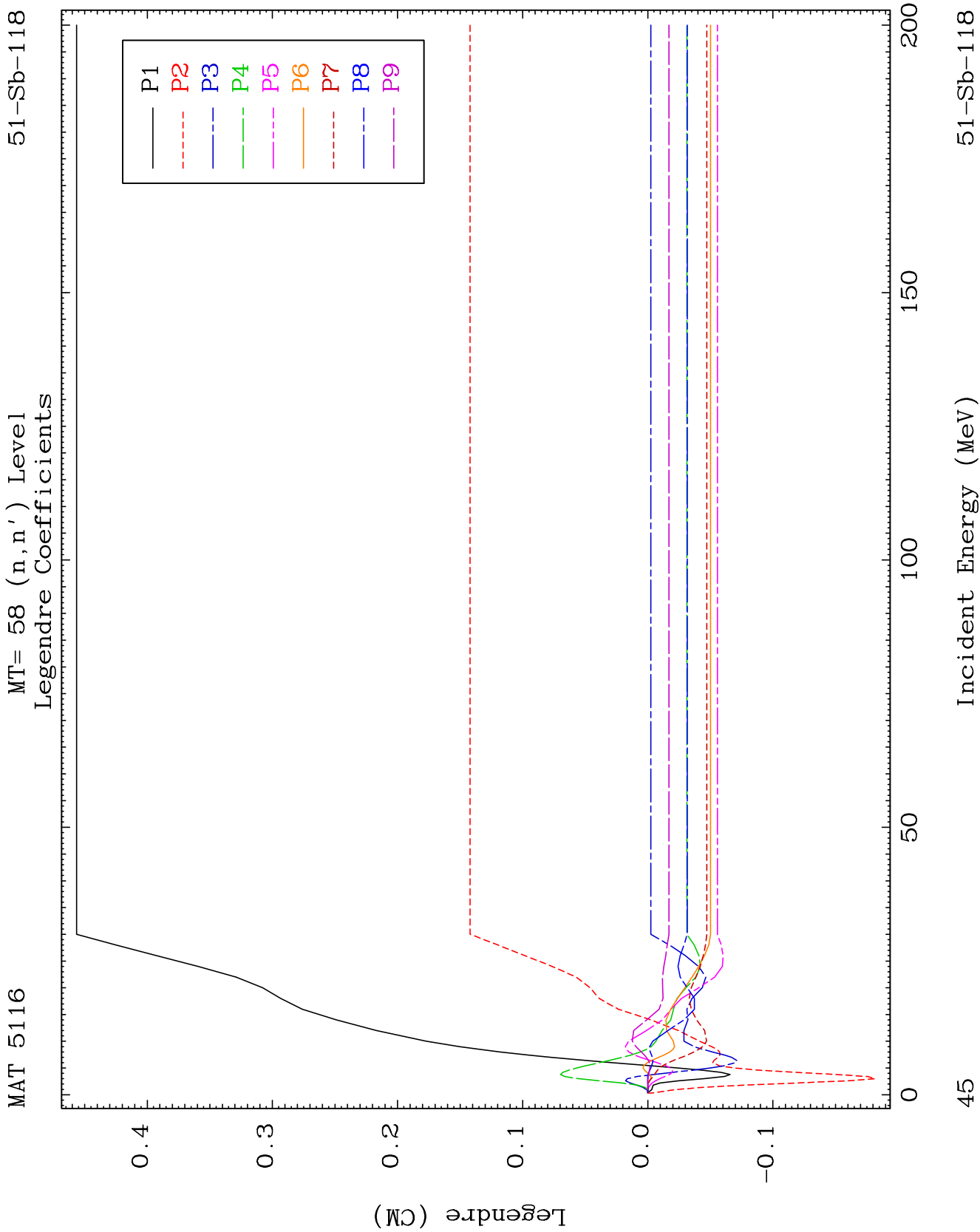
MAT 5116

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

51-Sb-118



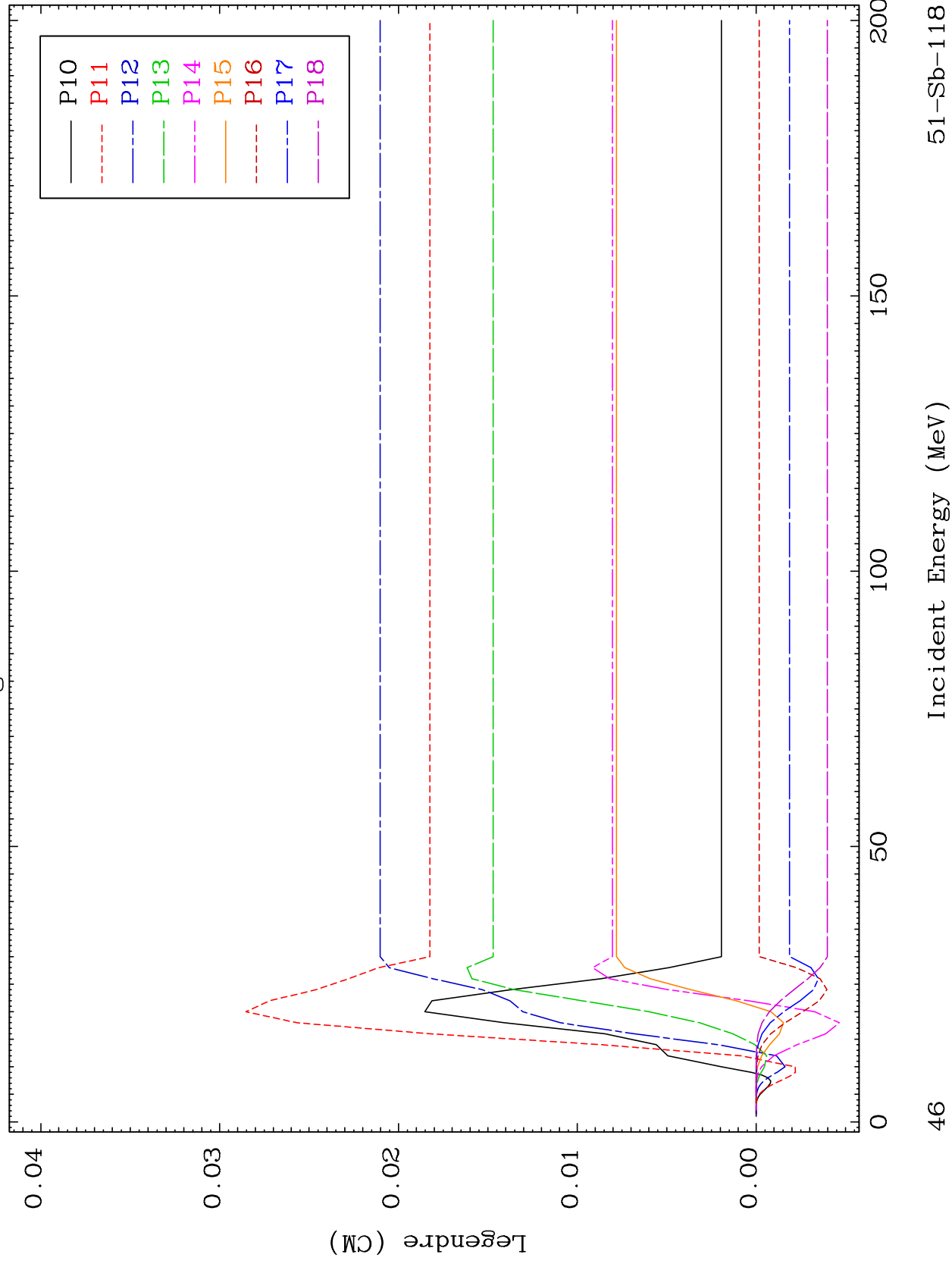




MAT 5116

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

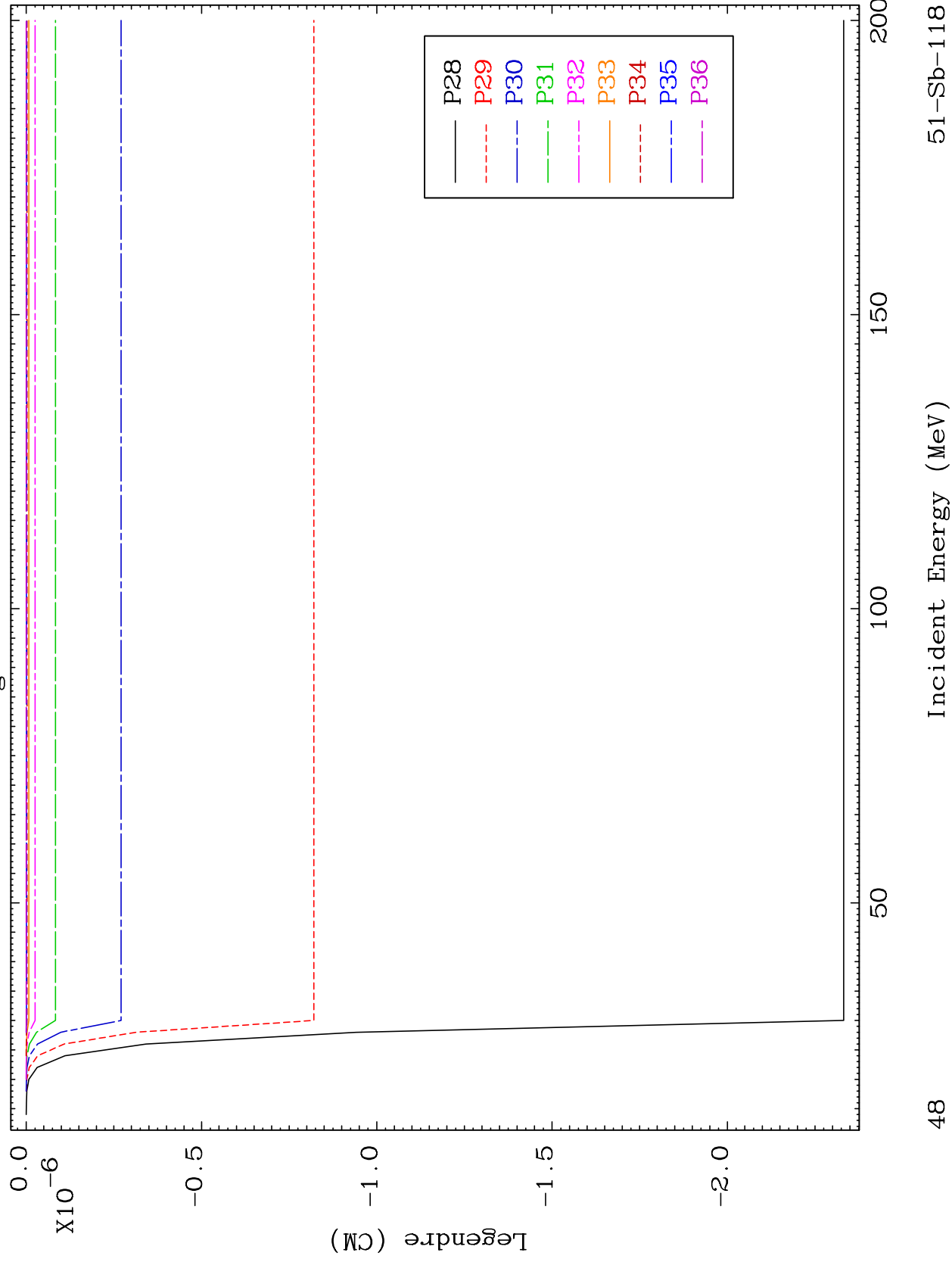
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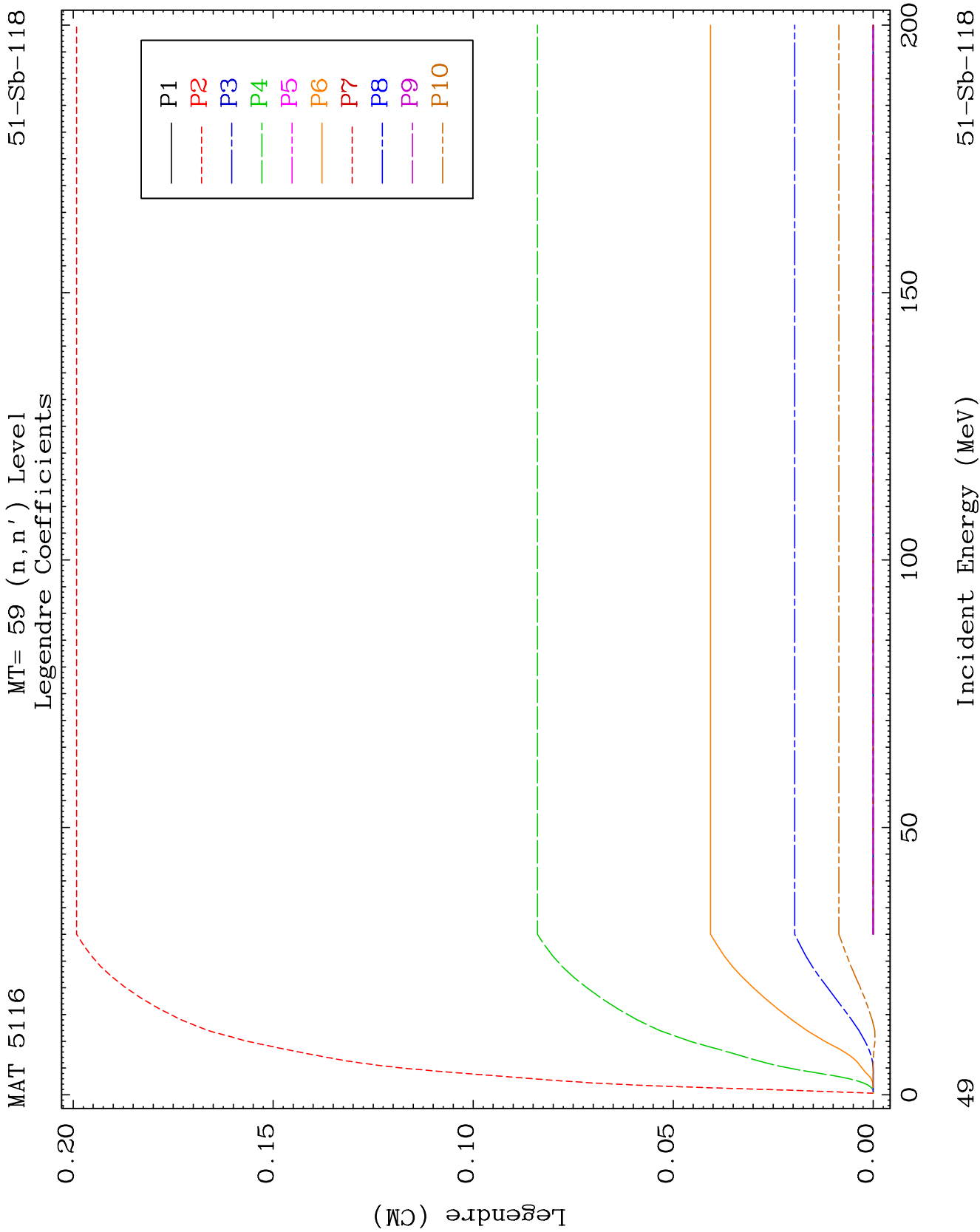


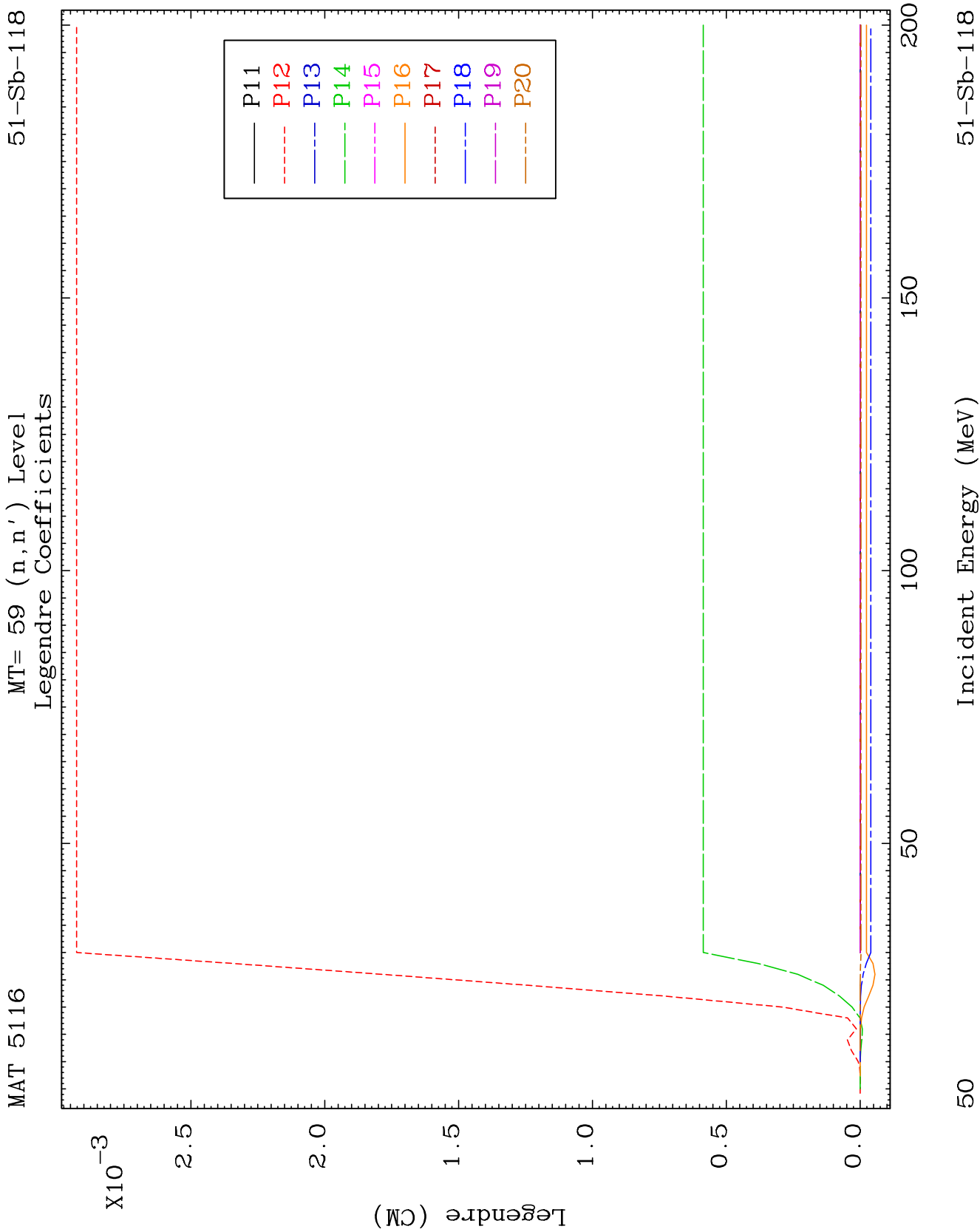
MAT 5116

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

51-Sb-118



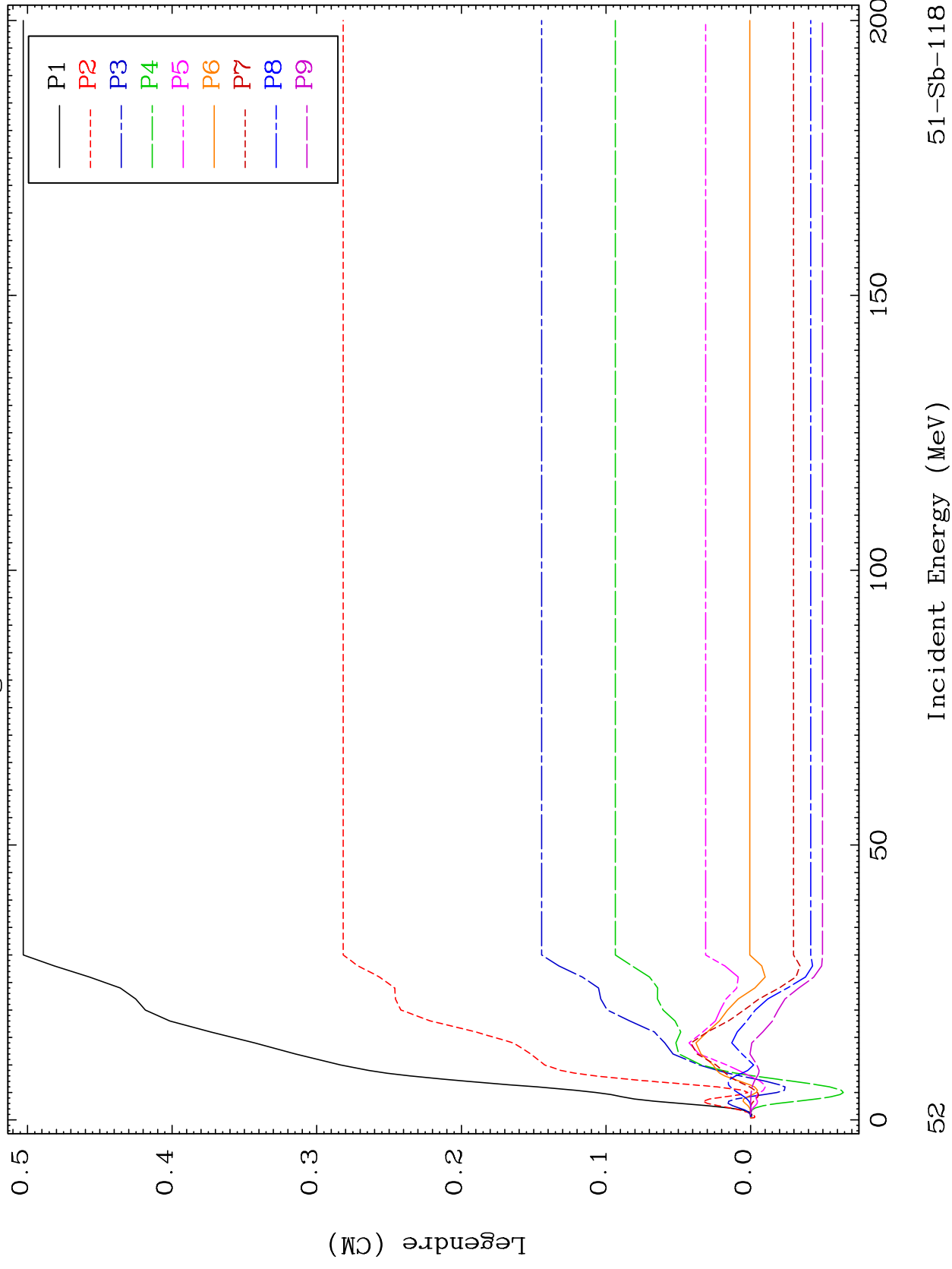


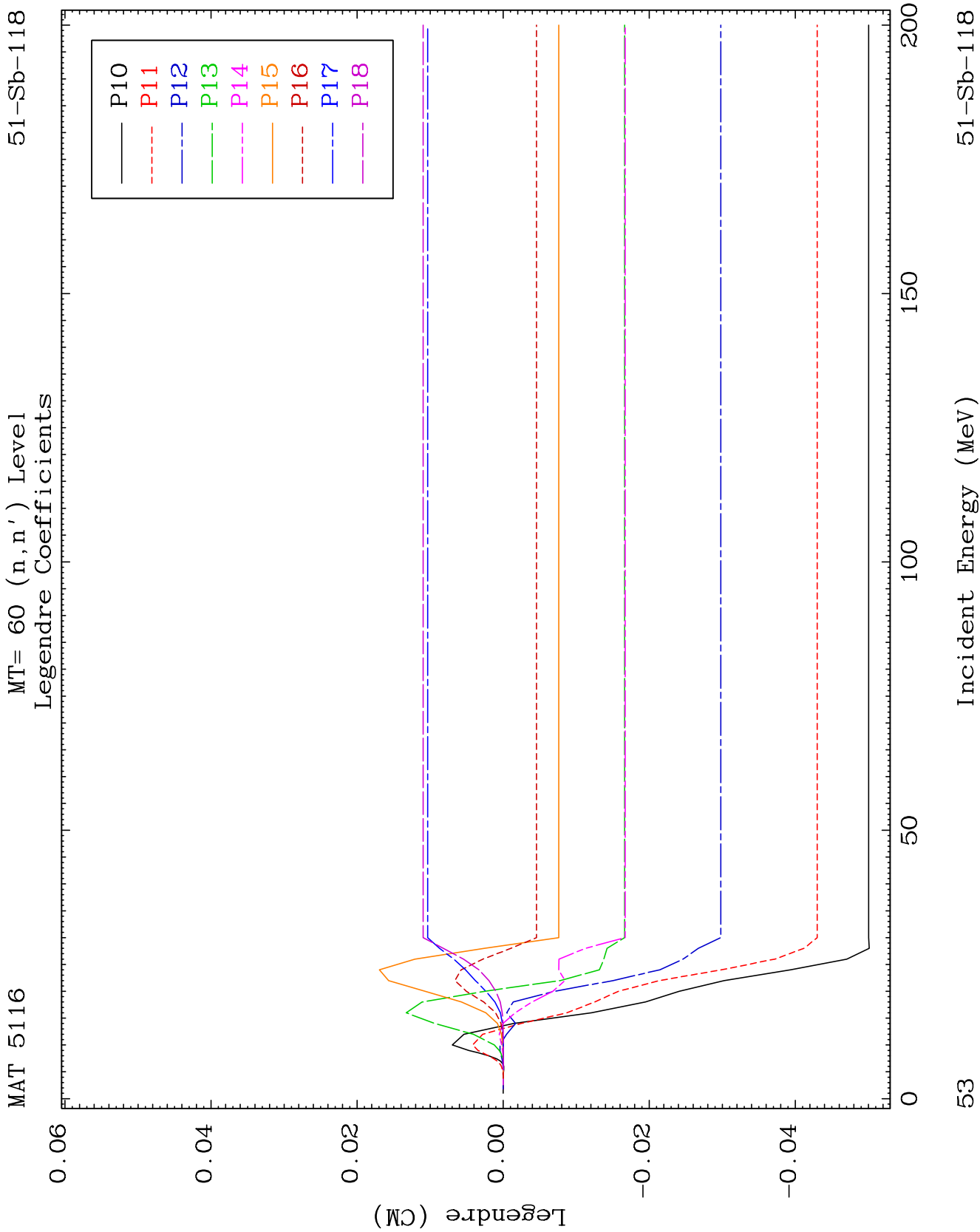


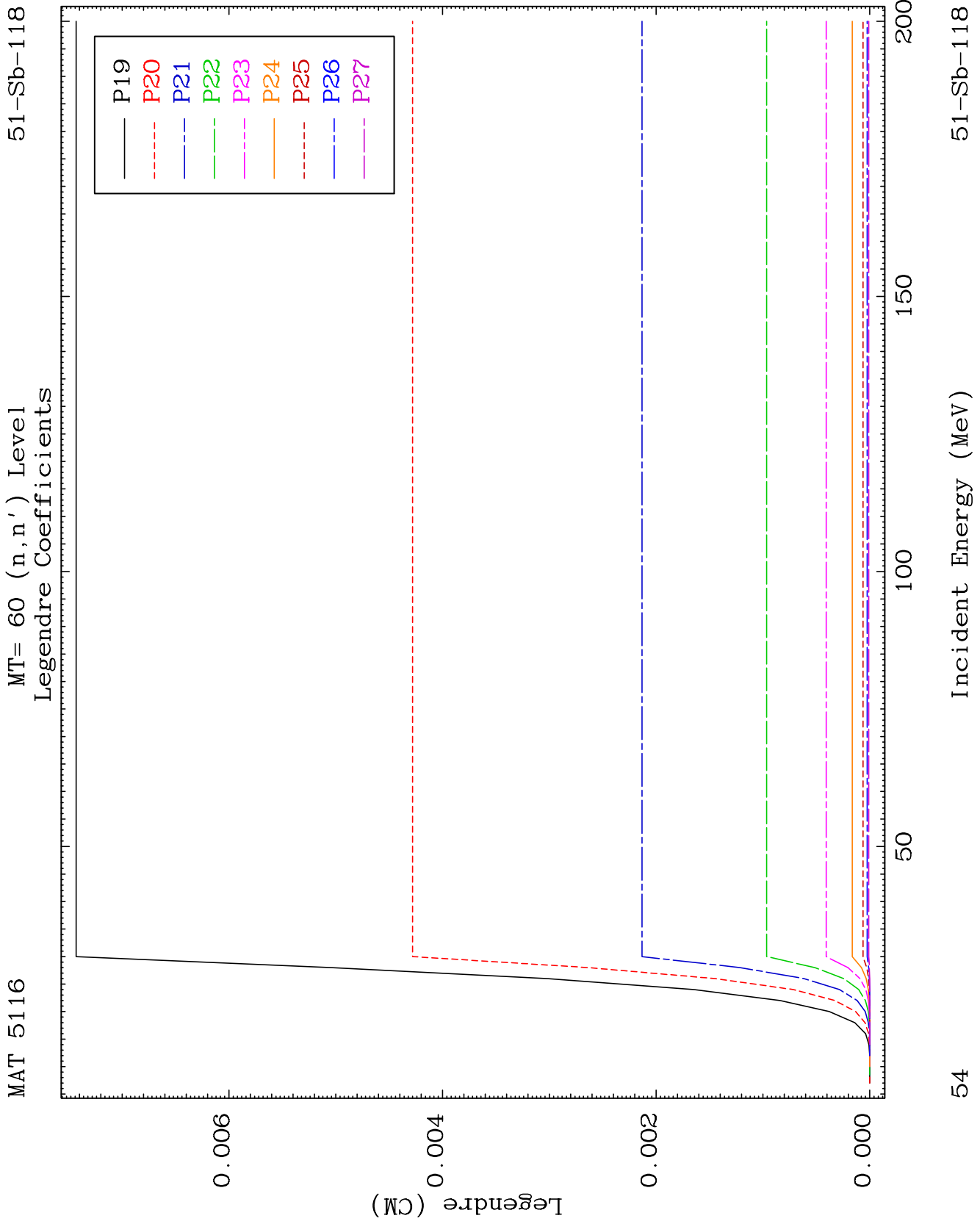
MAT 5116

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

51-Sb-118



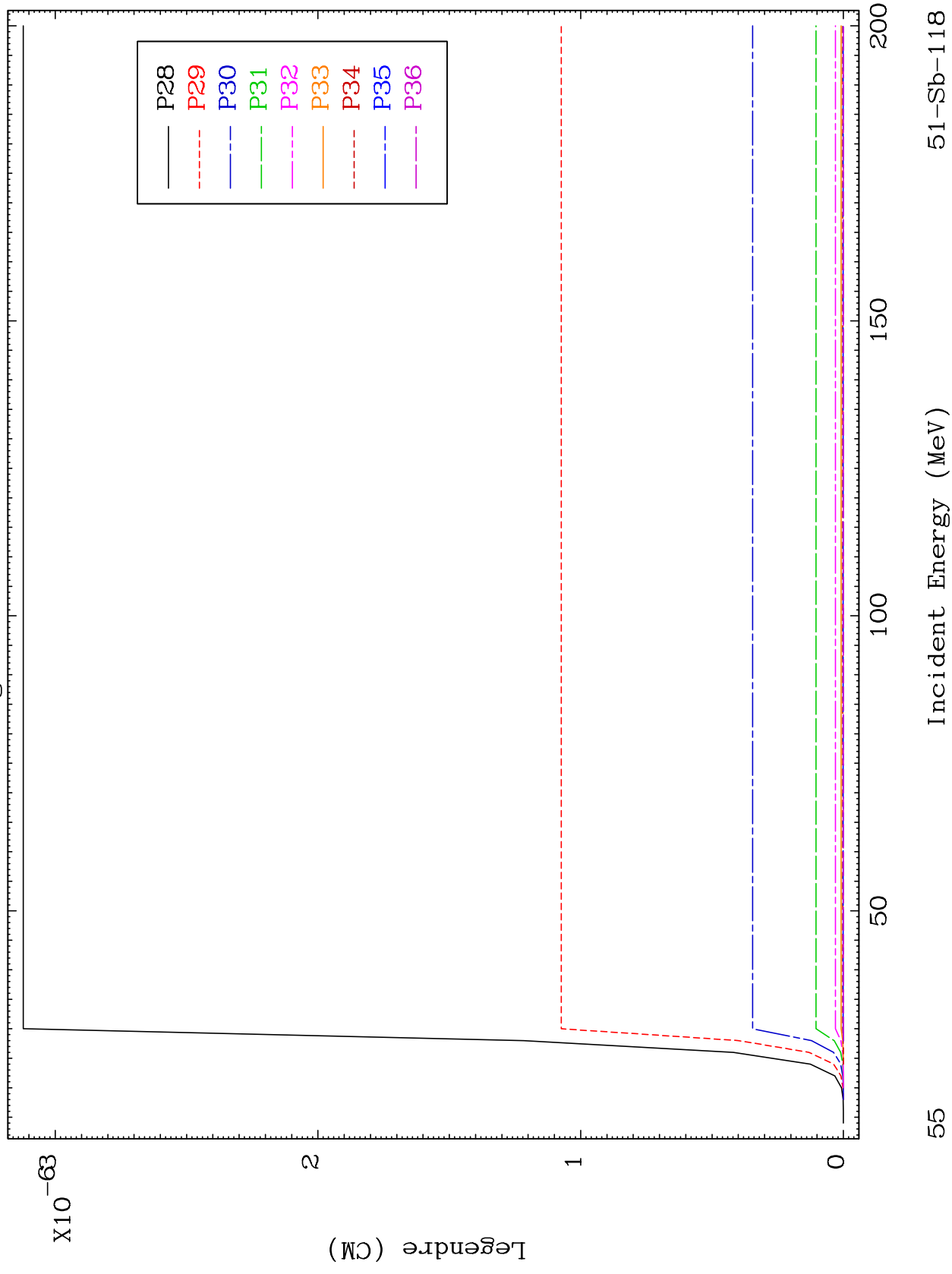




MAT 5116

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

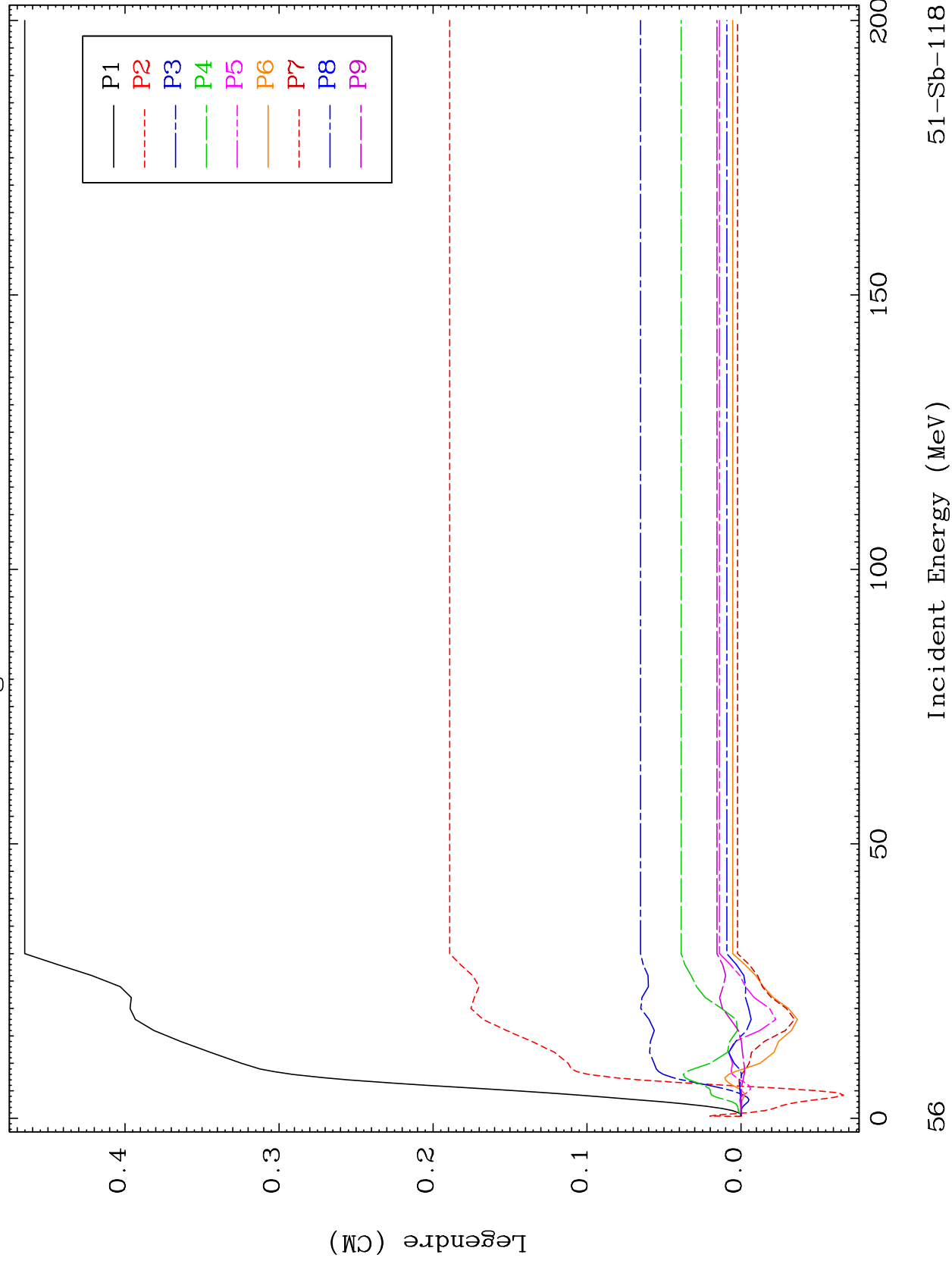
51-Sb-118



MAT 5116

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

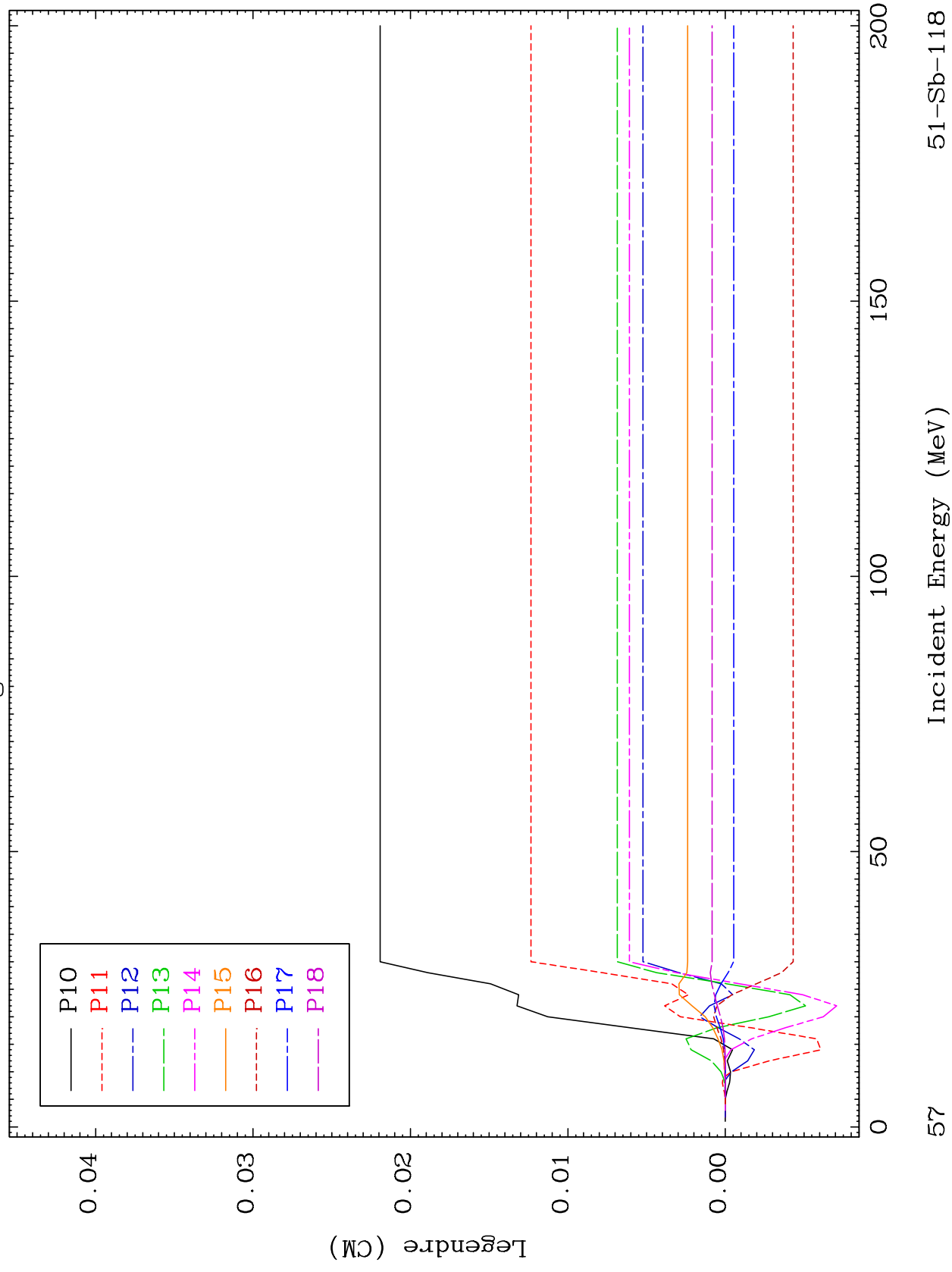
51-Sb-118



MAT 5116

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

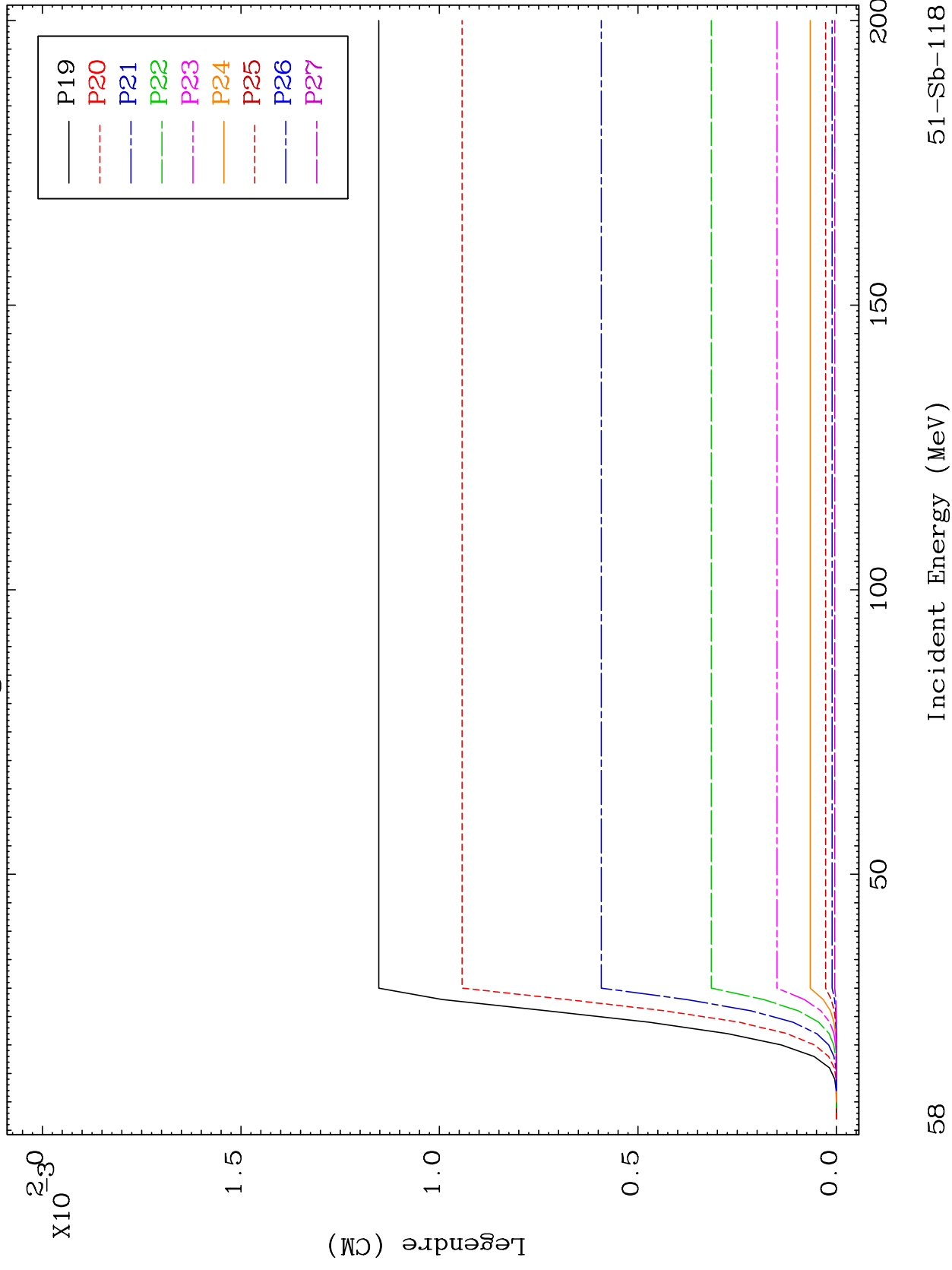
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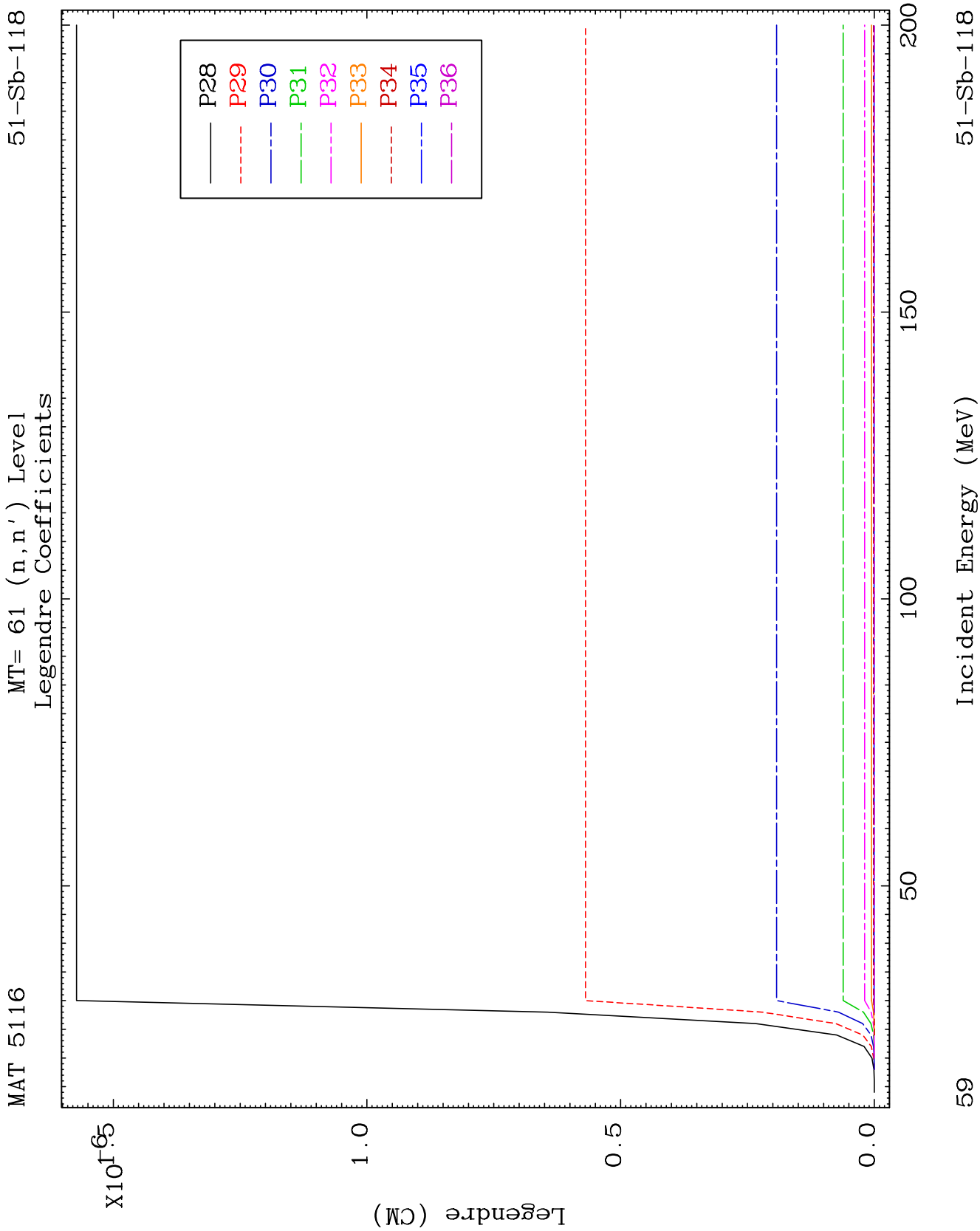


MAT 5116

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

51-Sb-118

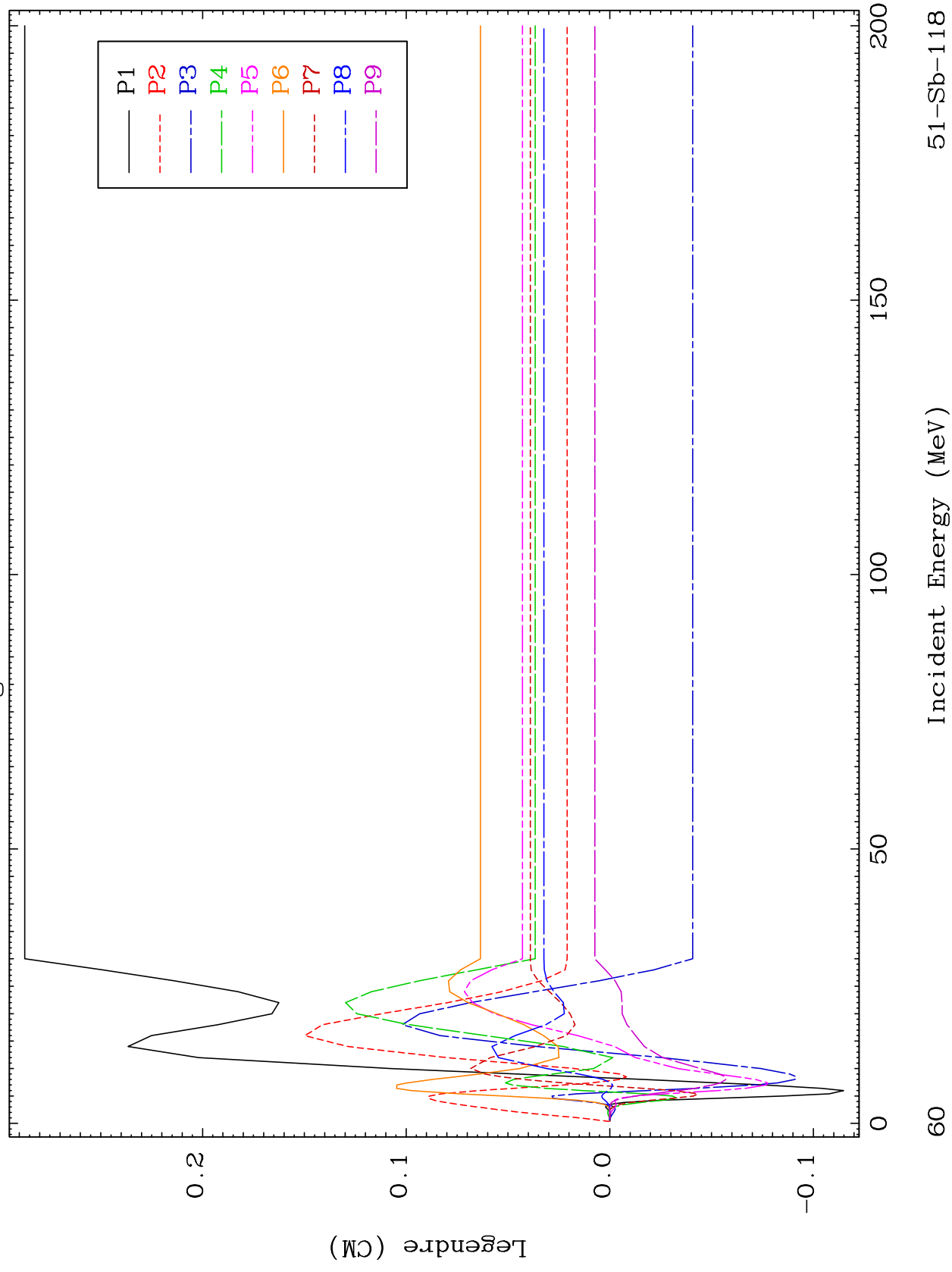




MAT 5116

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

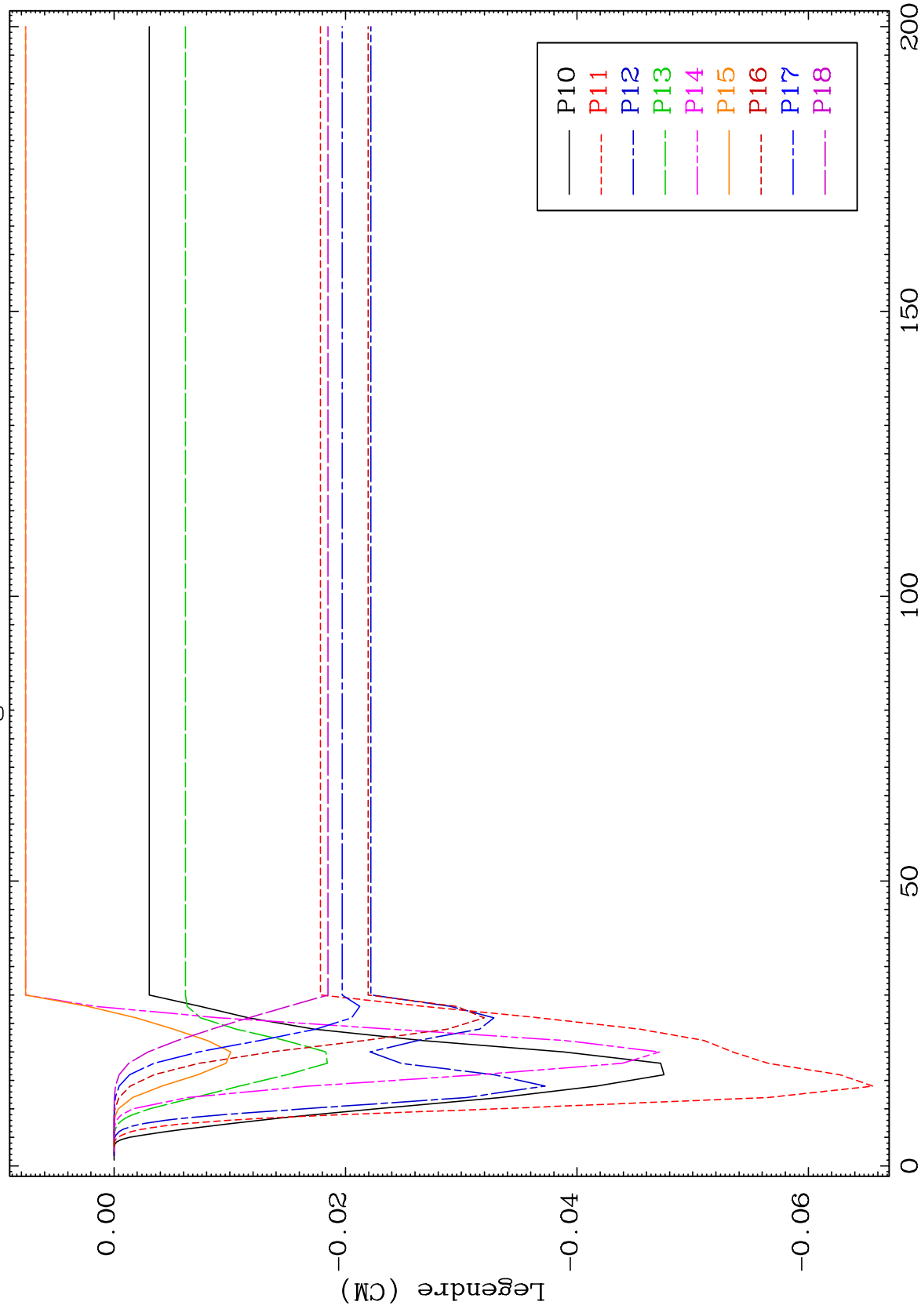
51-Sb-118



MAT 5116

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

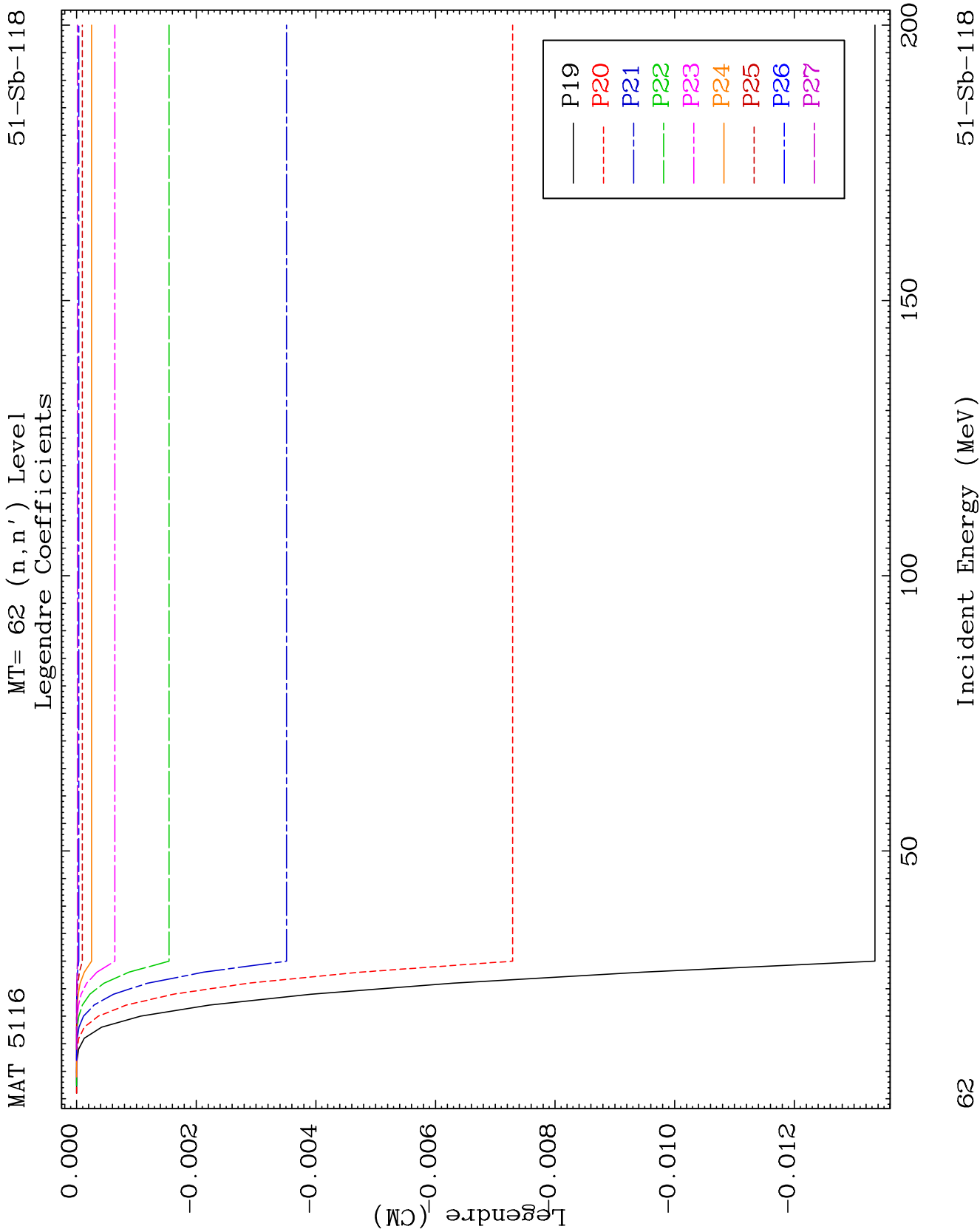
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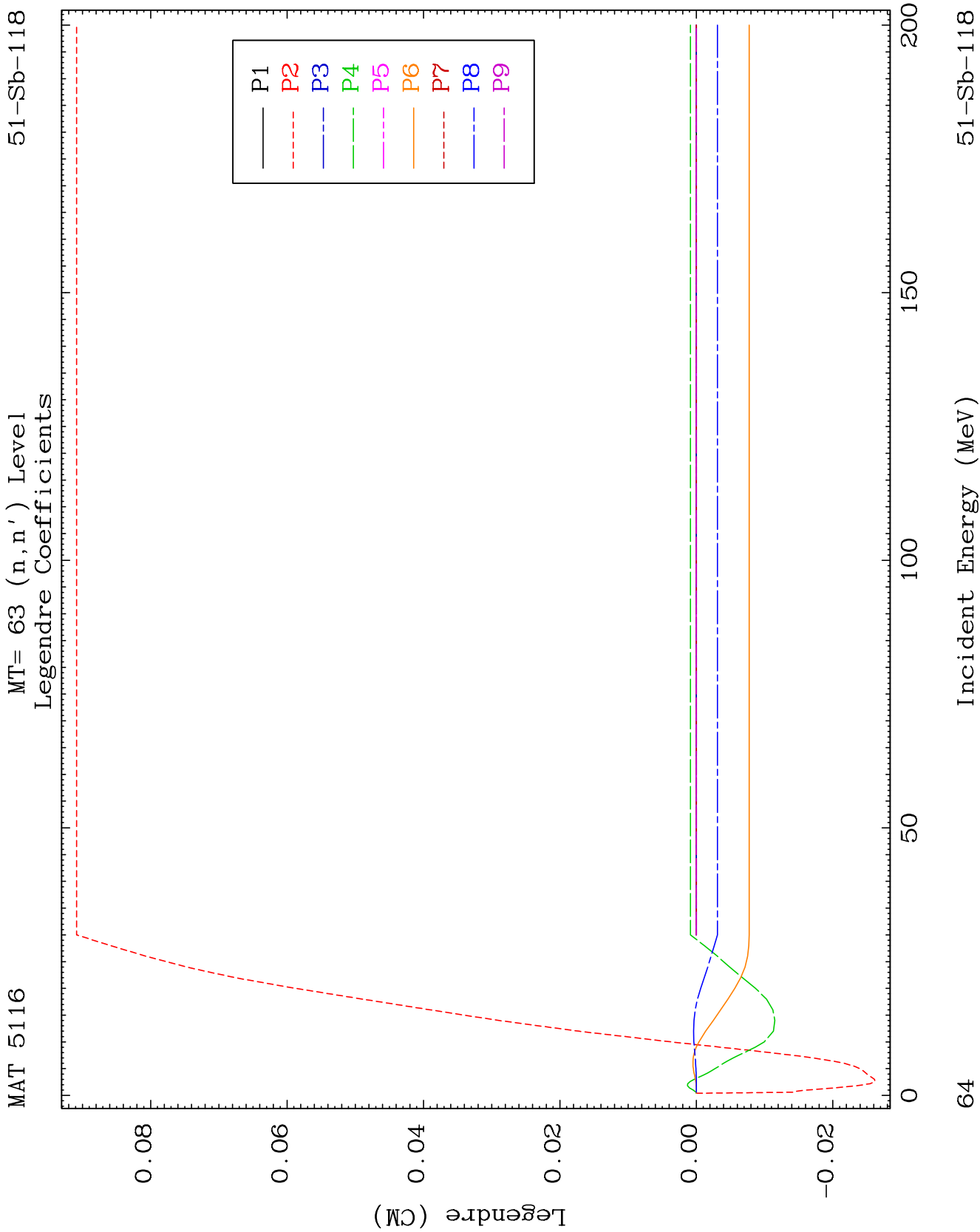


61

Incident Energy (MeV)

51-Sb-118

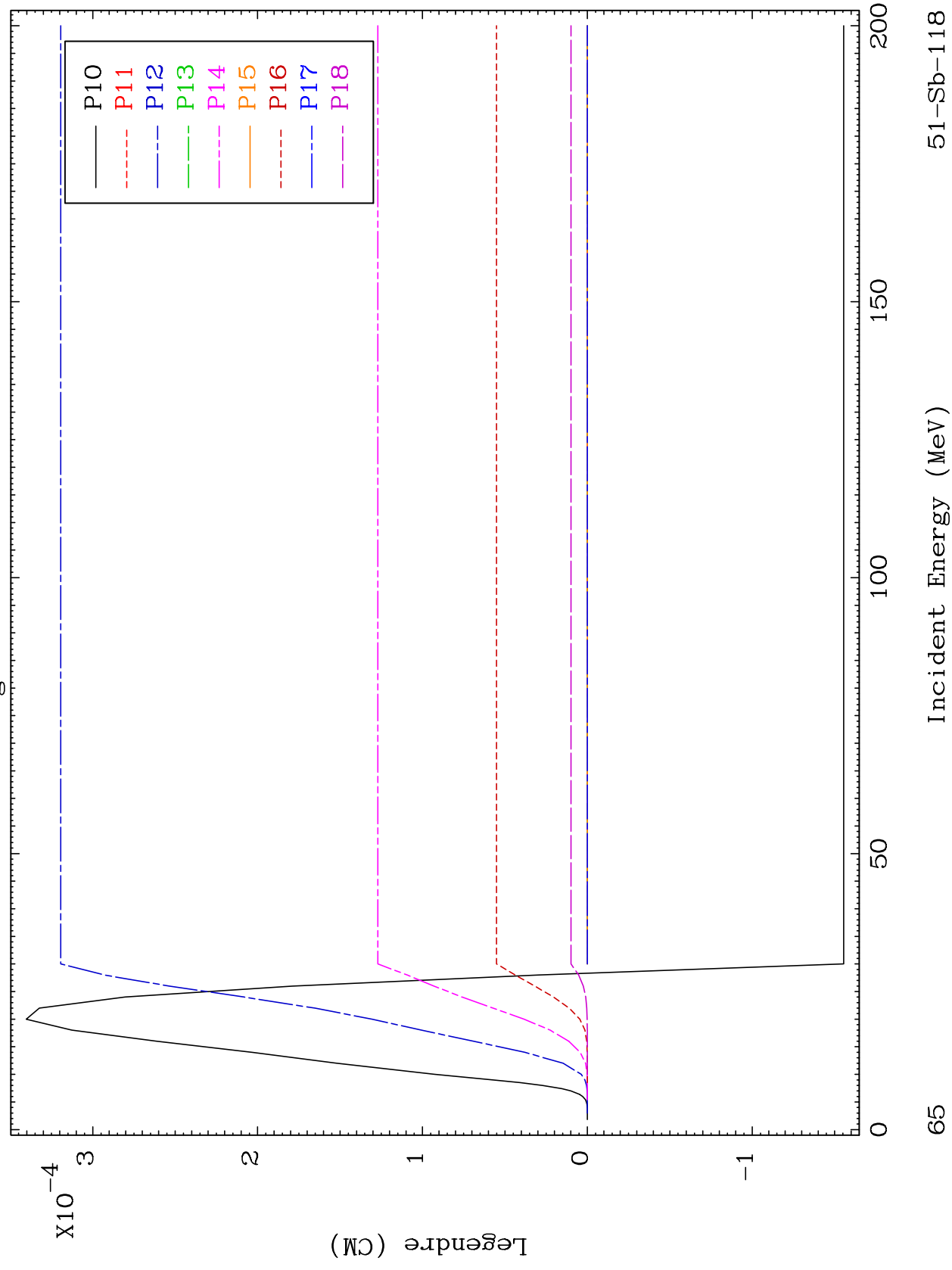


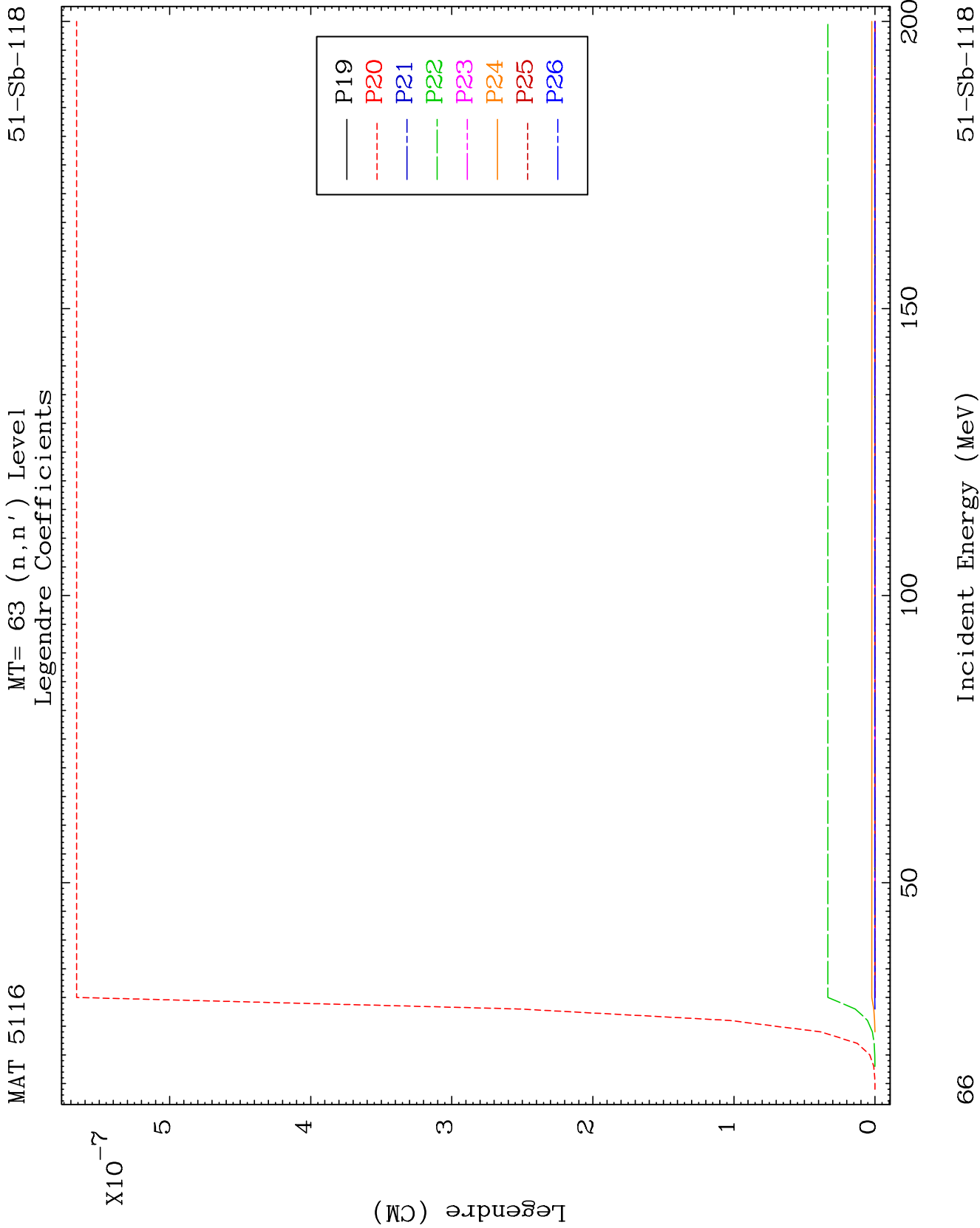


MAT 5116

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

51-Sb-118

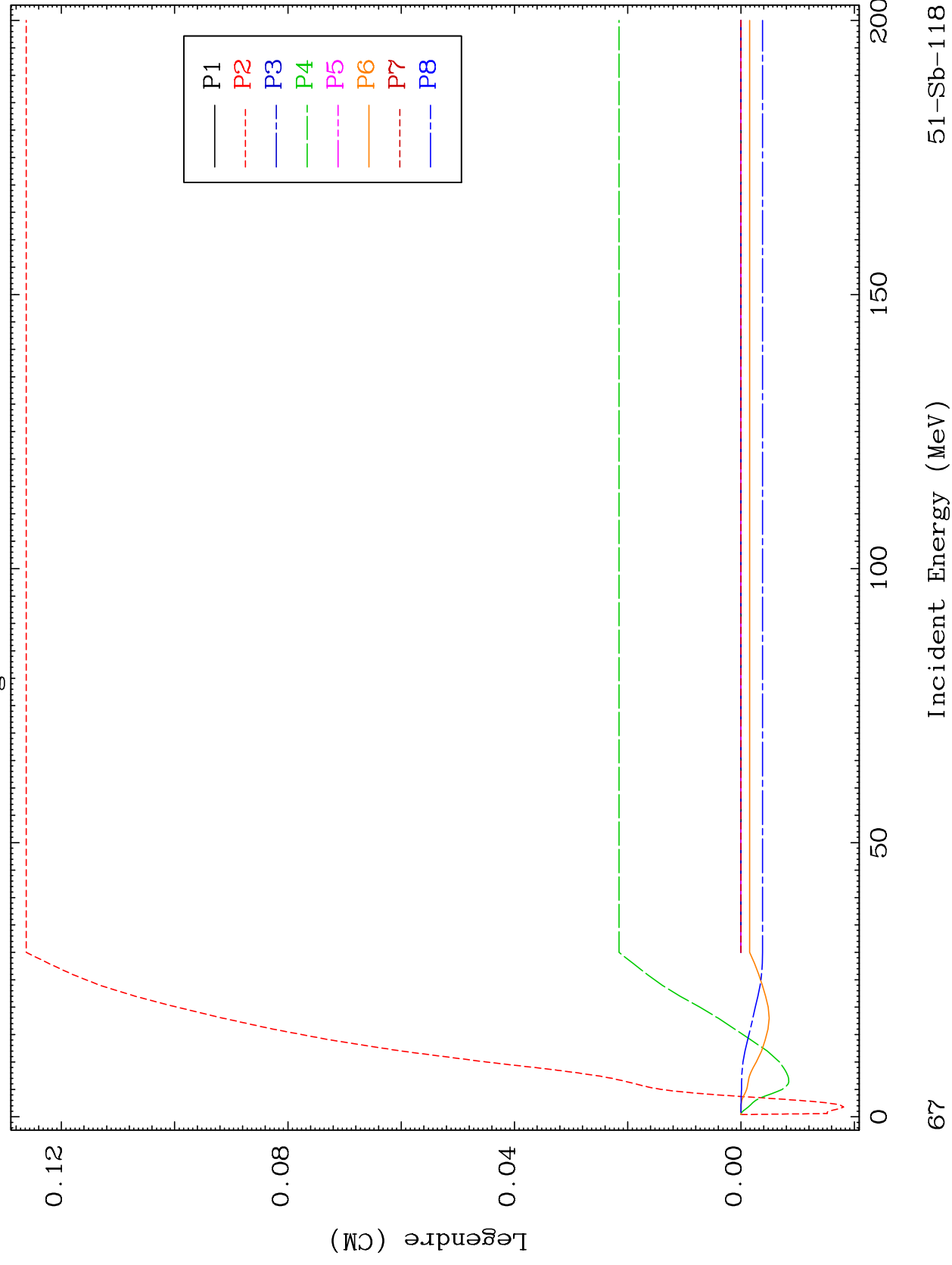


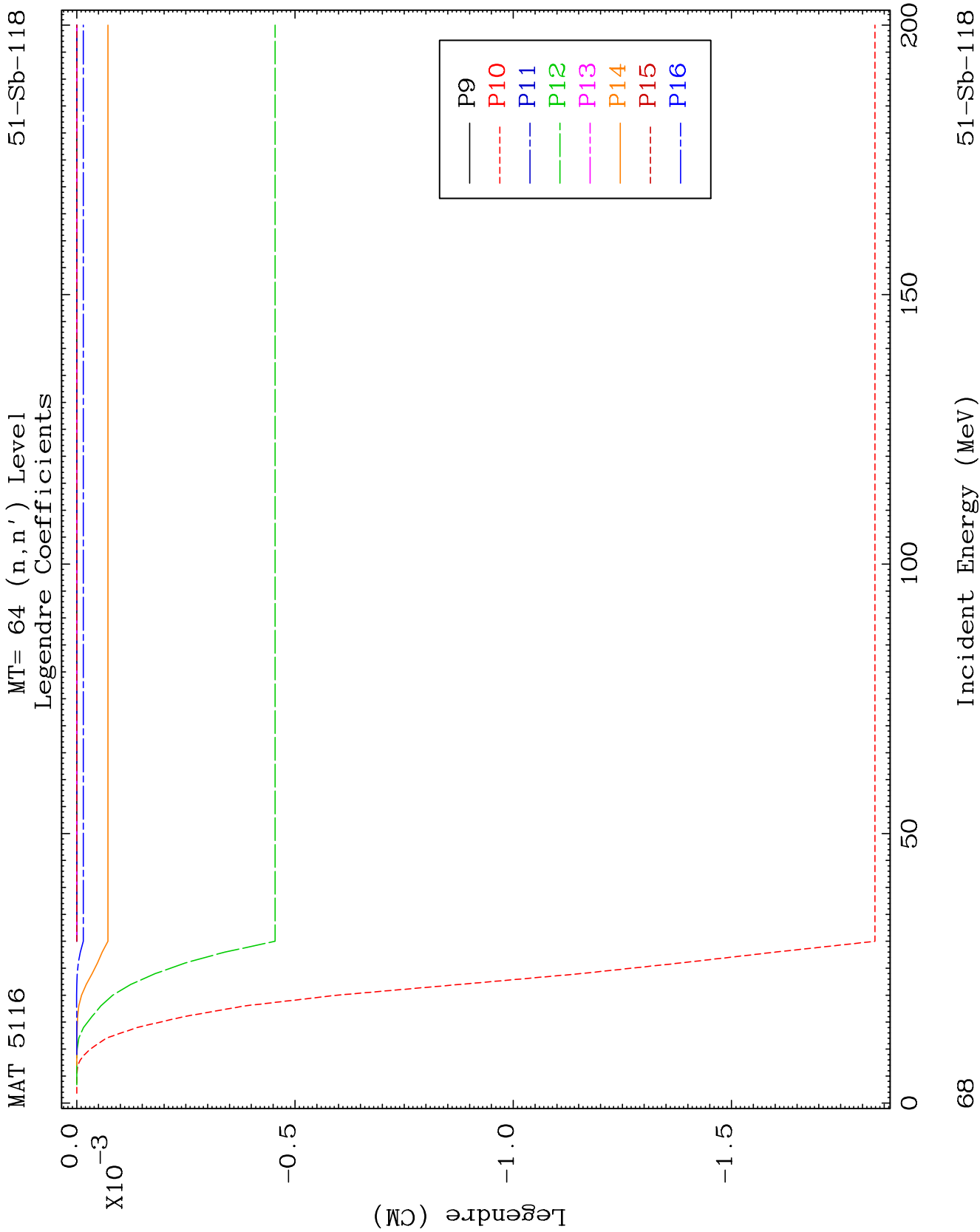


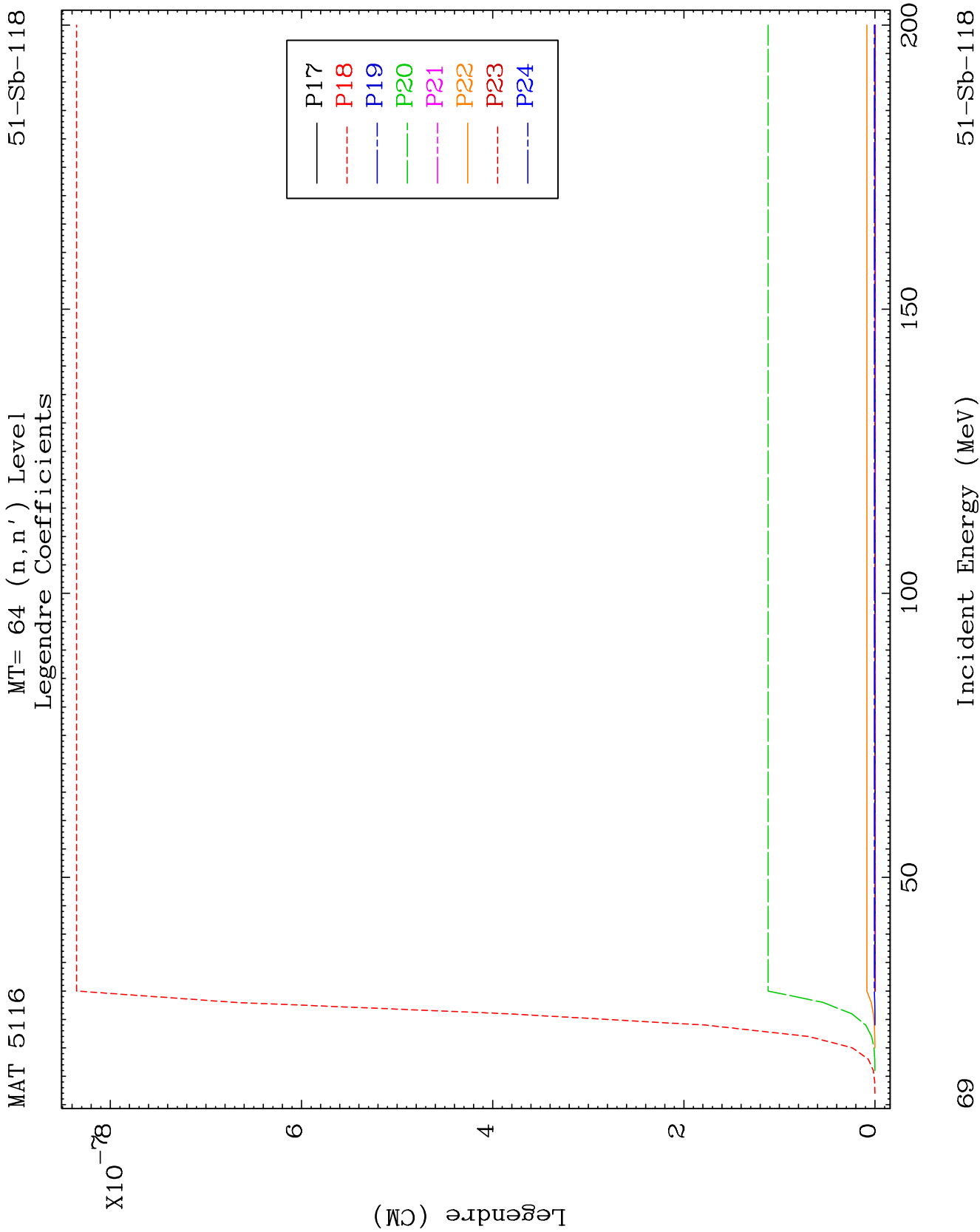
MAT 5116

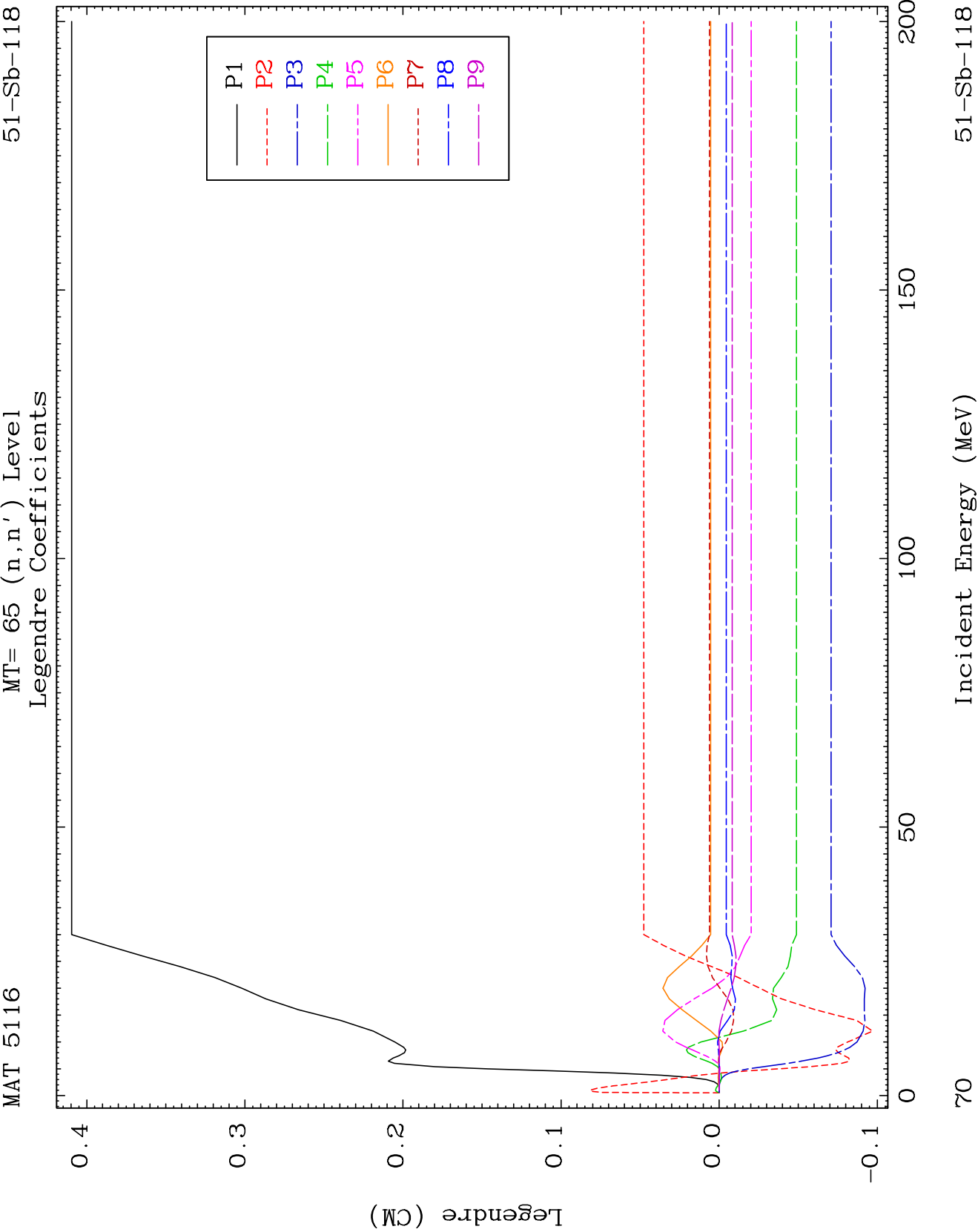
MT= 64 (n, n') Level
Legendre Coefficients

51-Sb-118





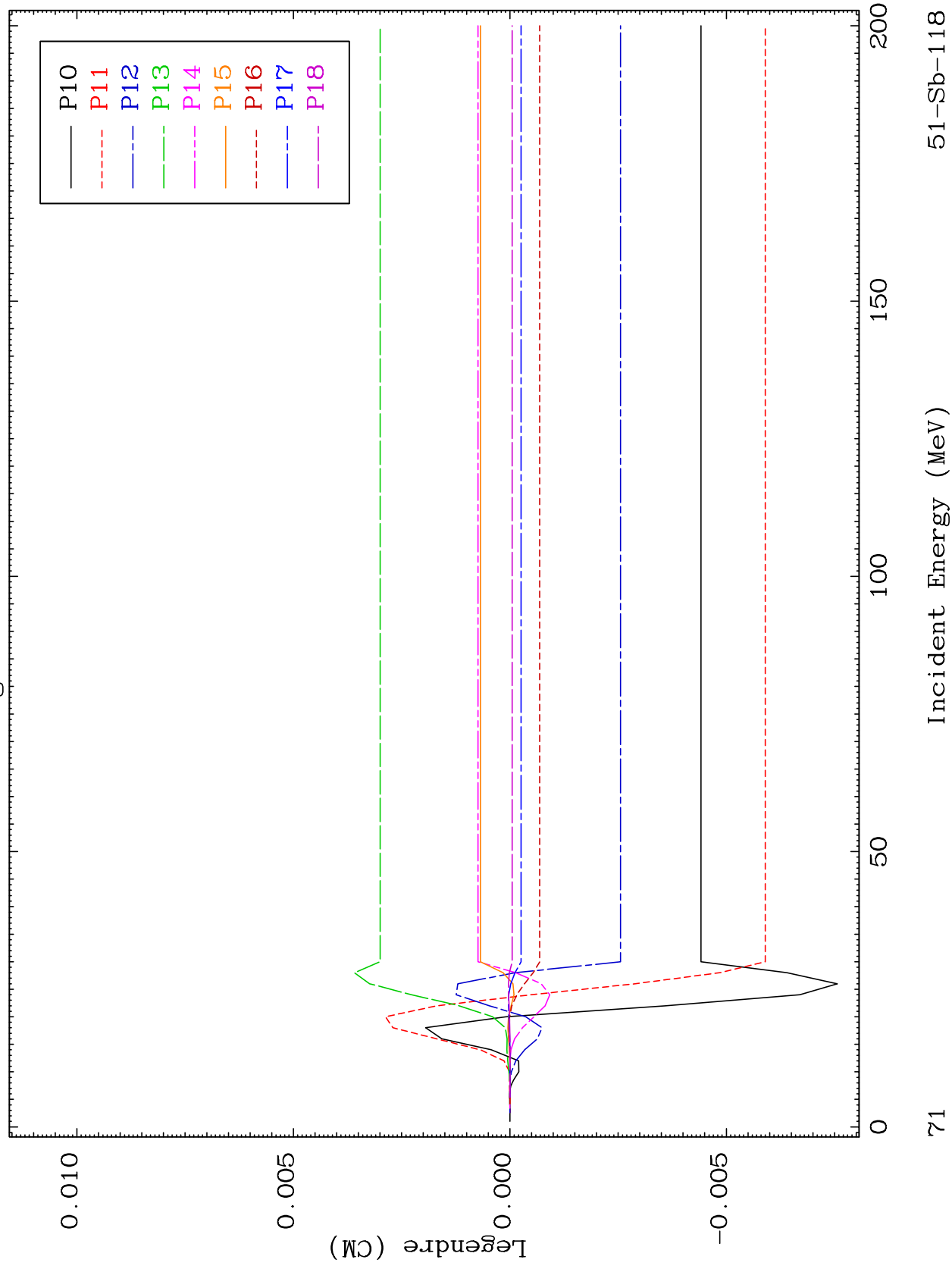


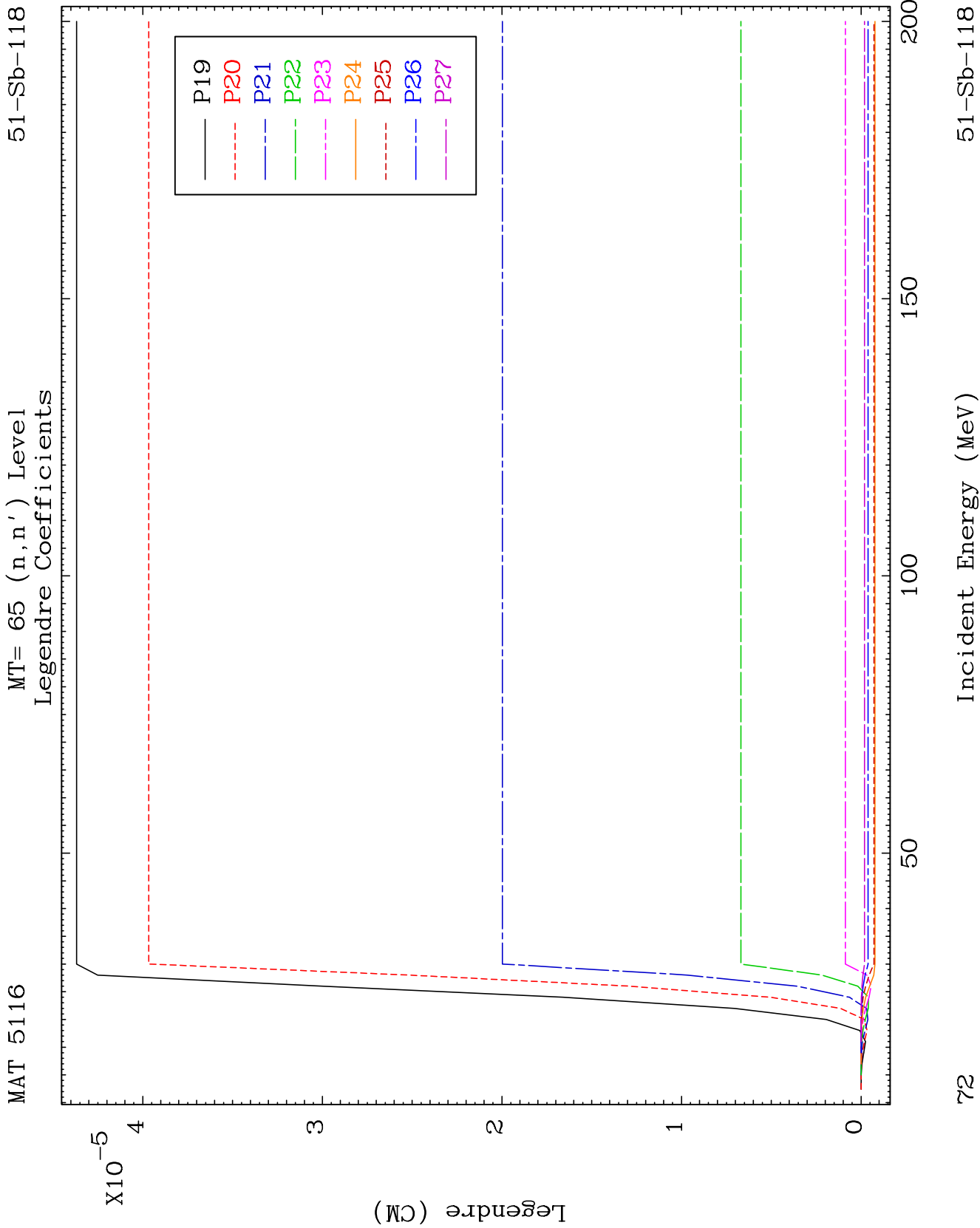


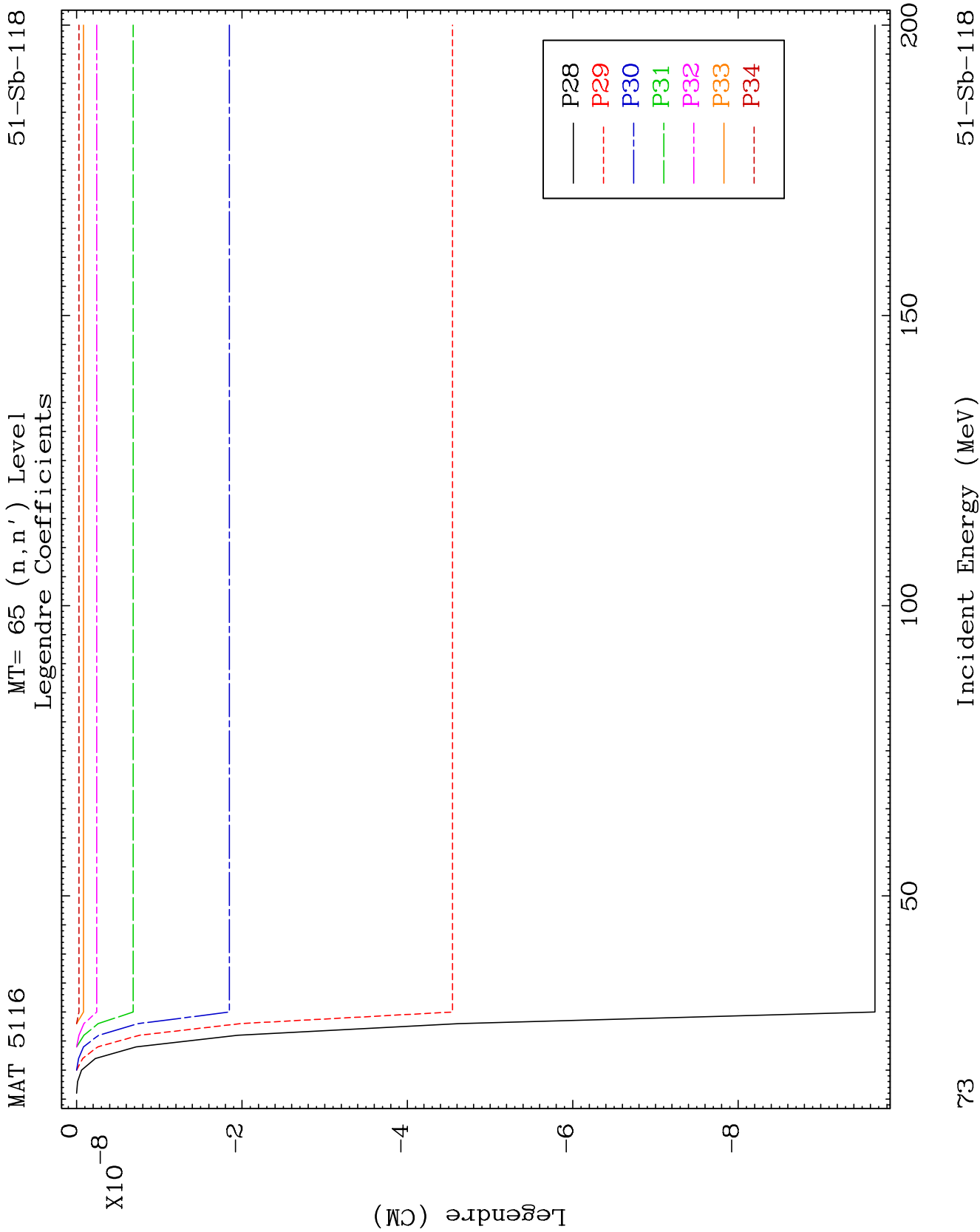
MAT 5116

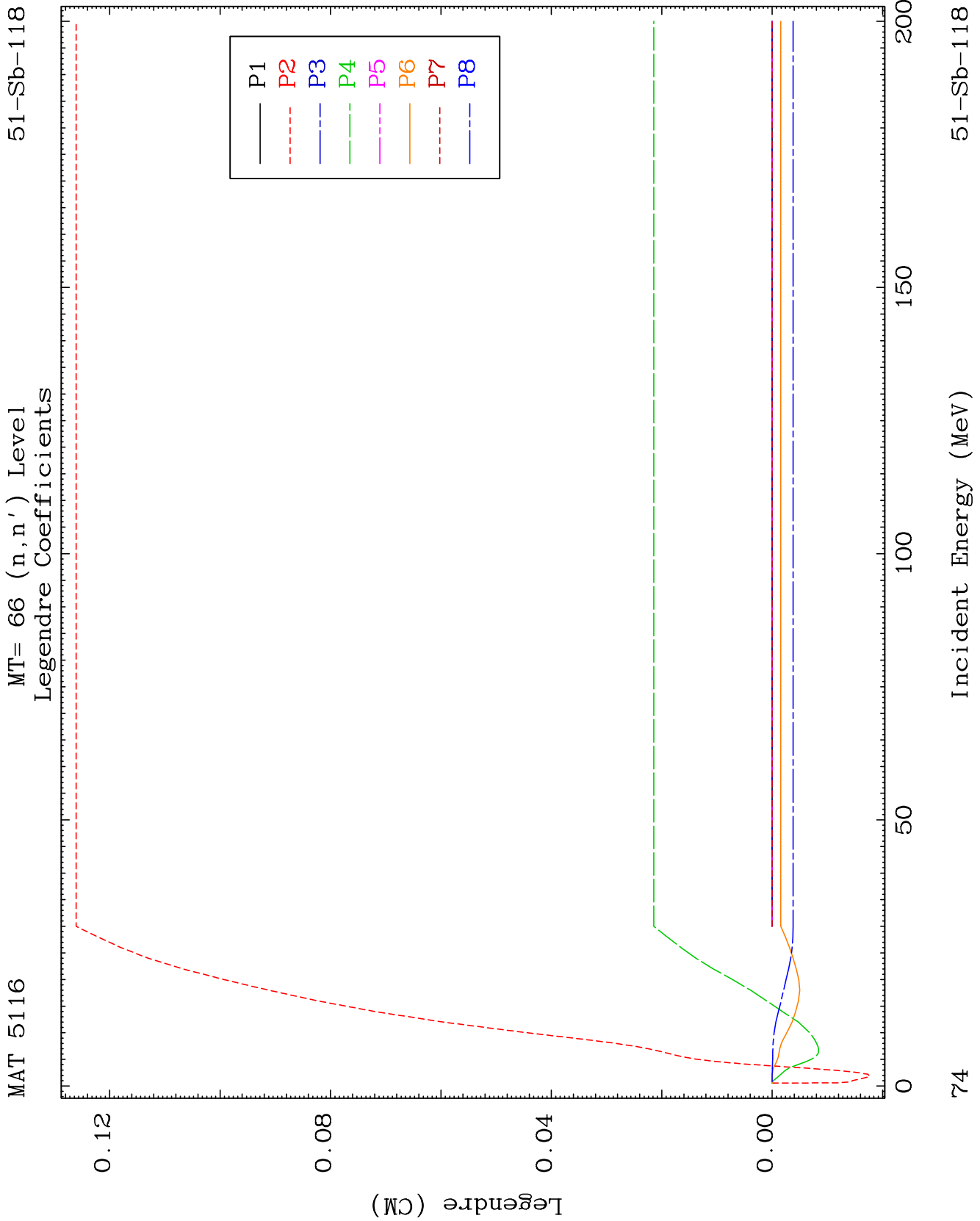
MT= 65 (n, n') Level
Legendre Coefficients

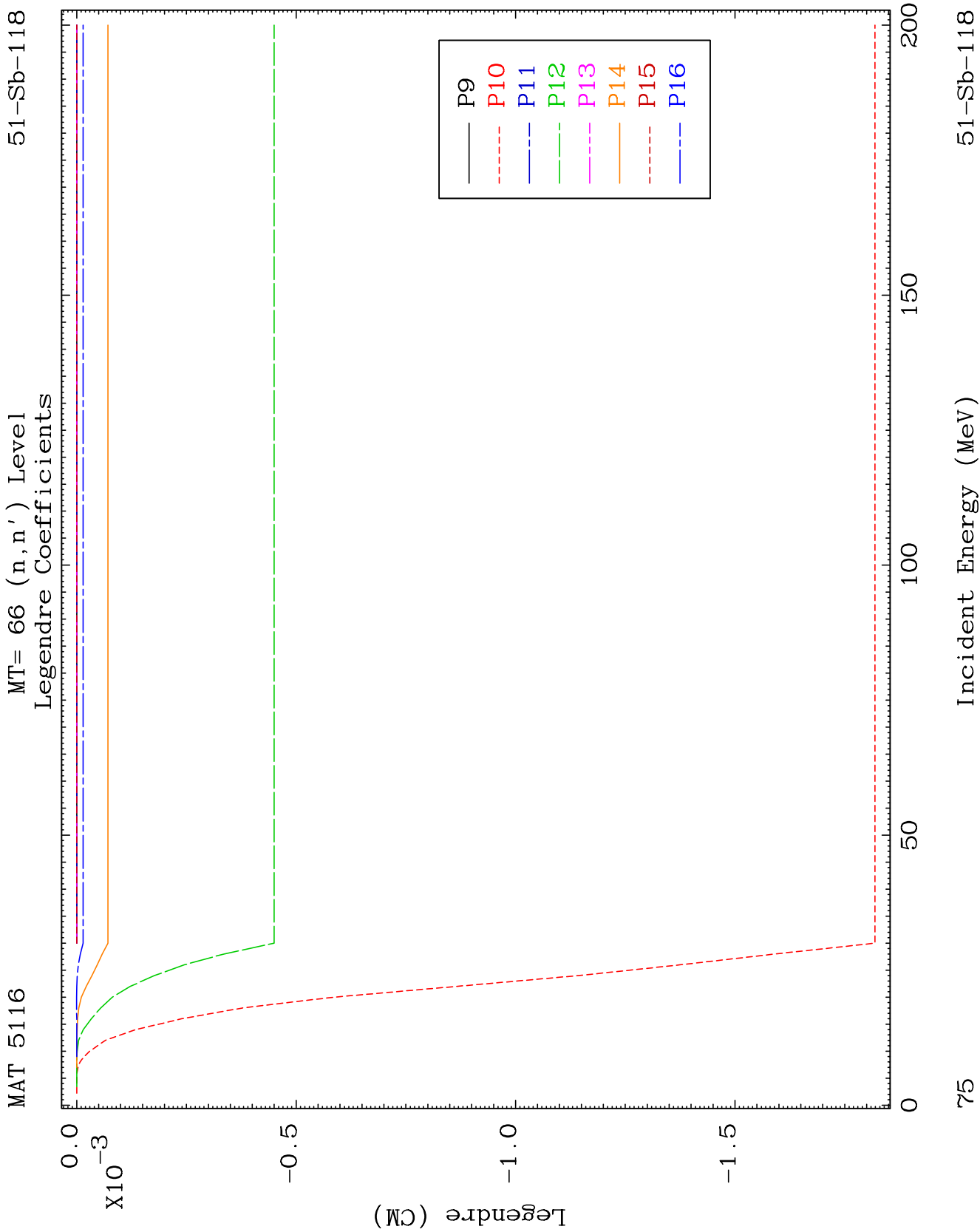
51-Sb-118

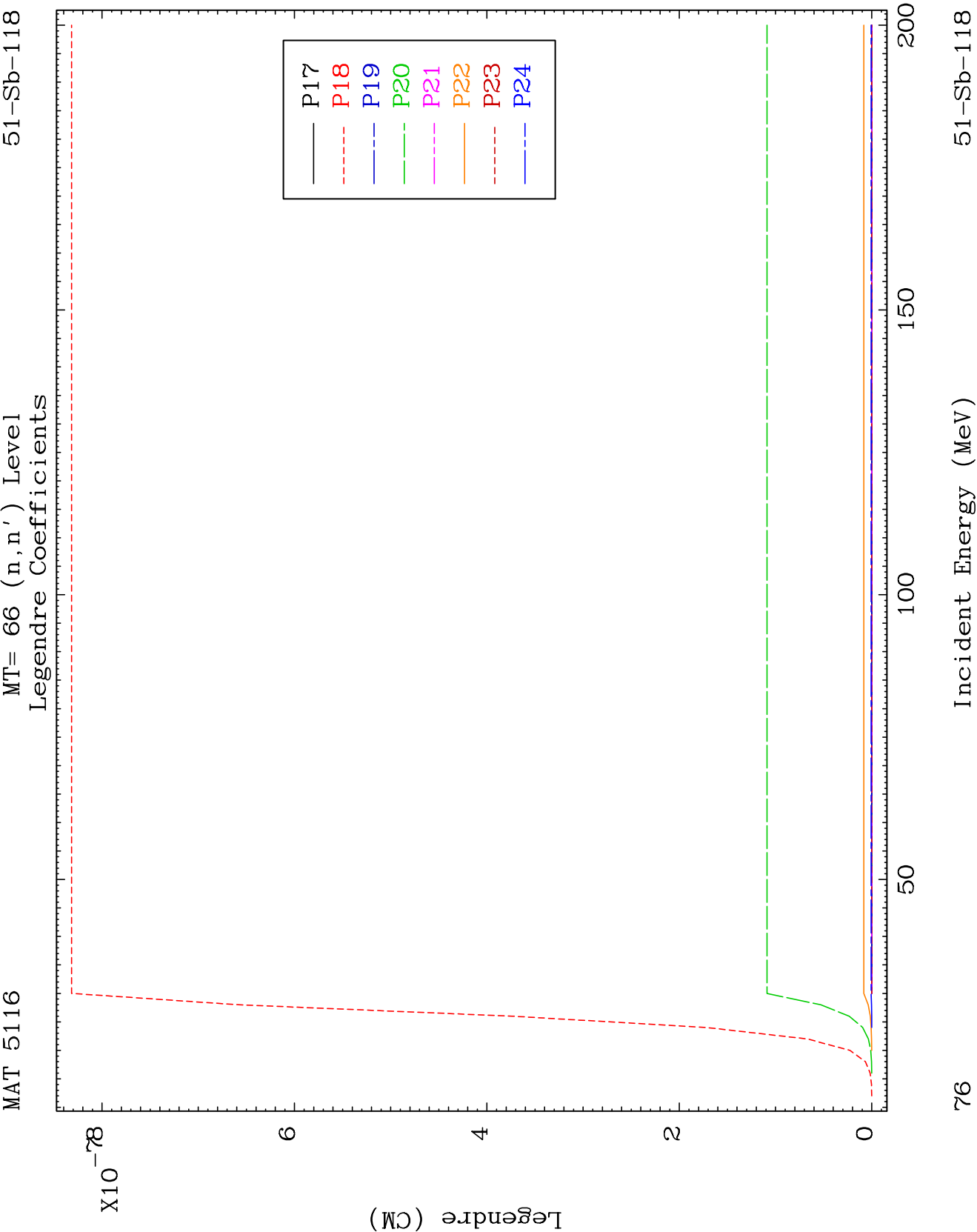


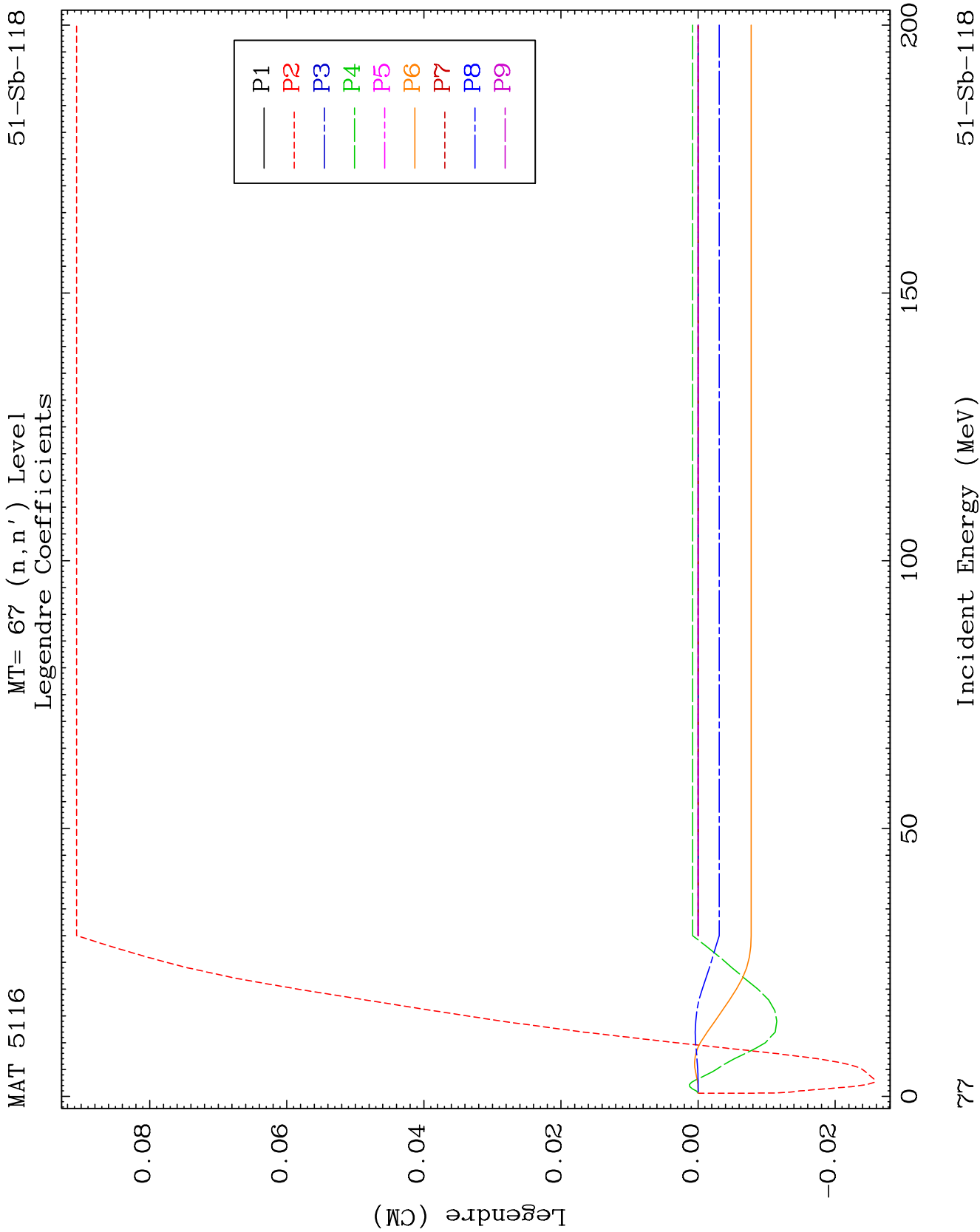








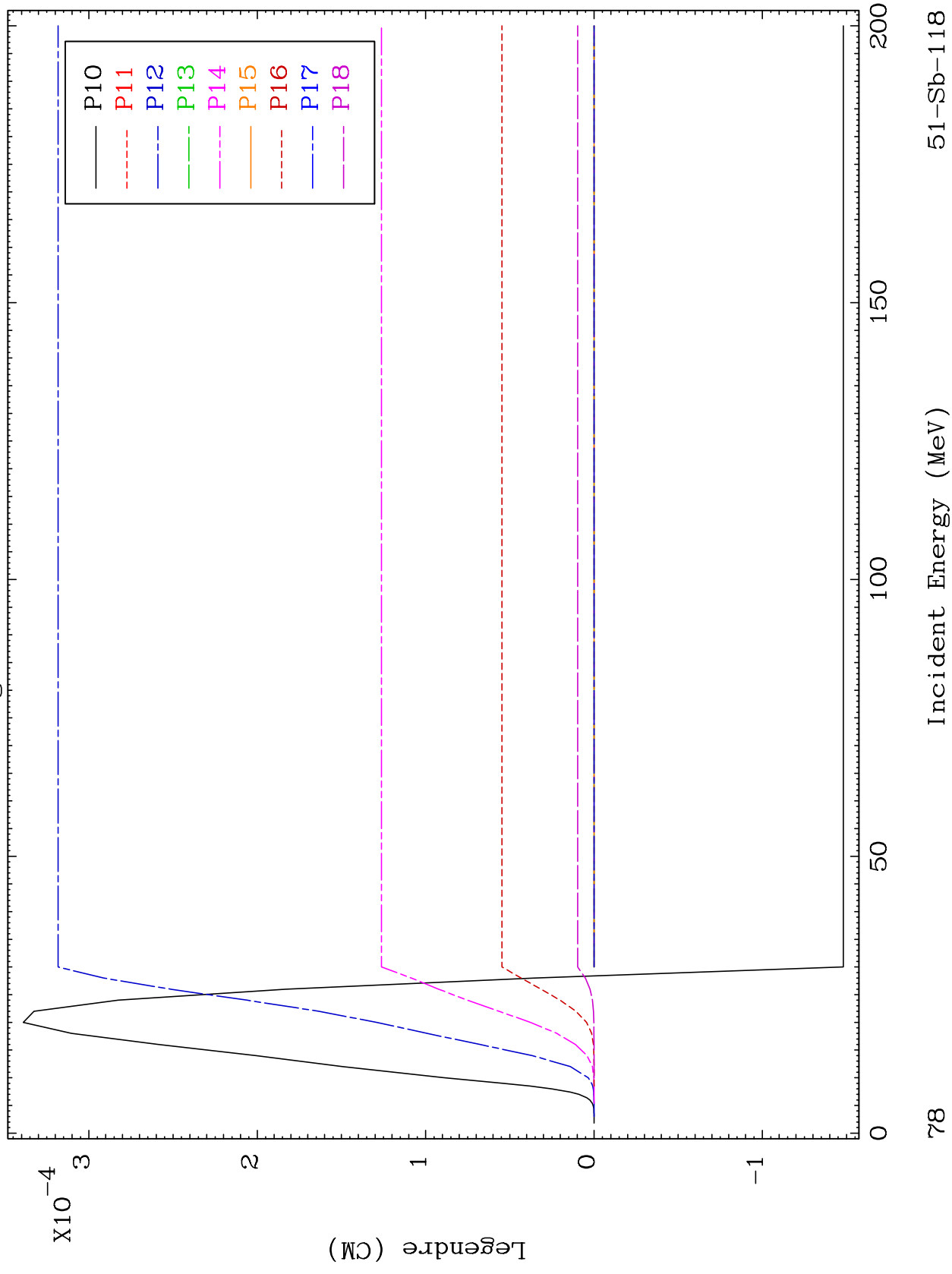




MAT 5116

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

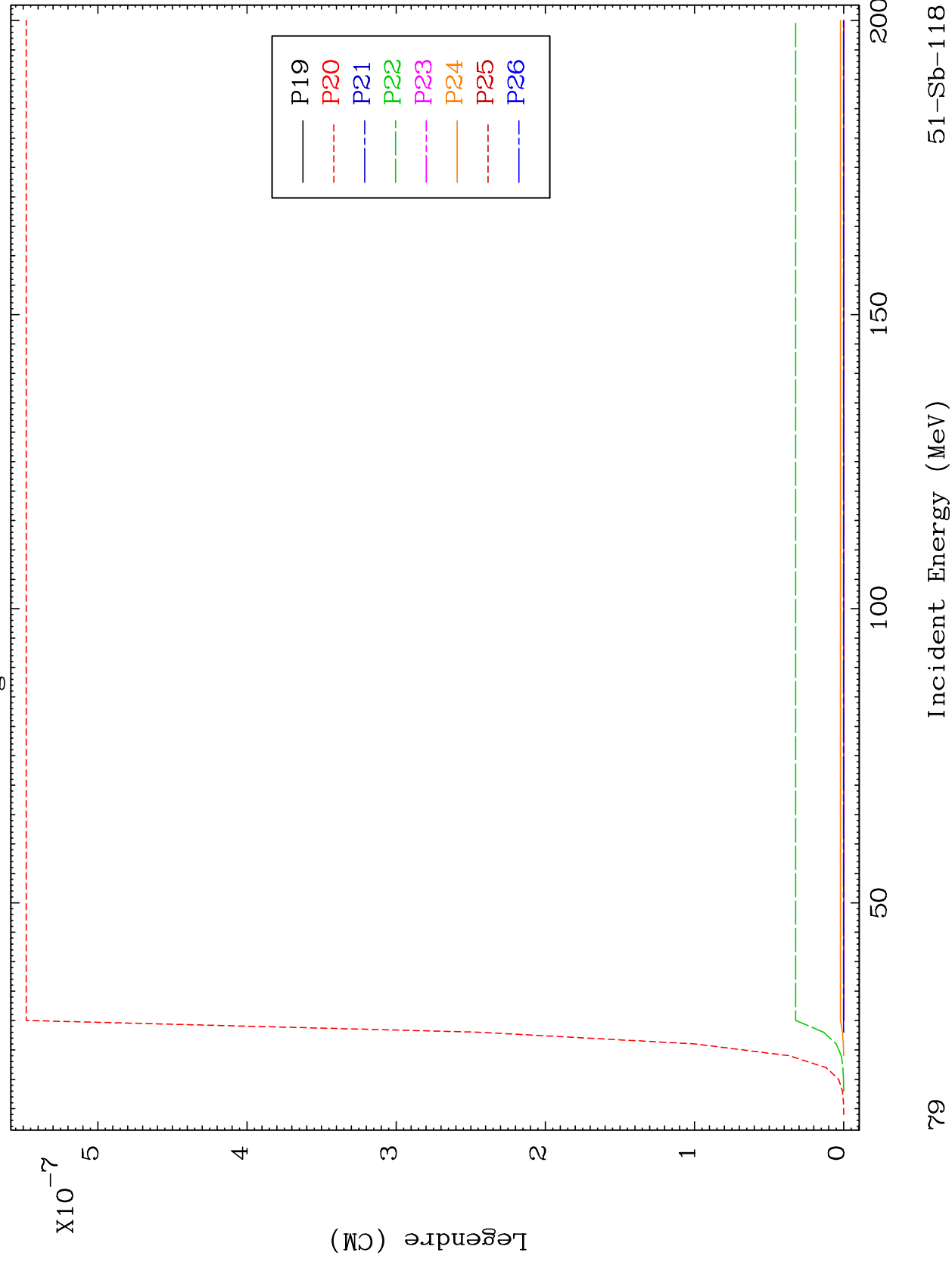
51-Sb-118



MAT 5116

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

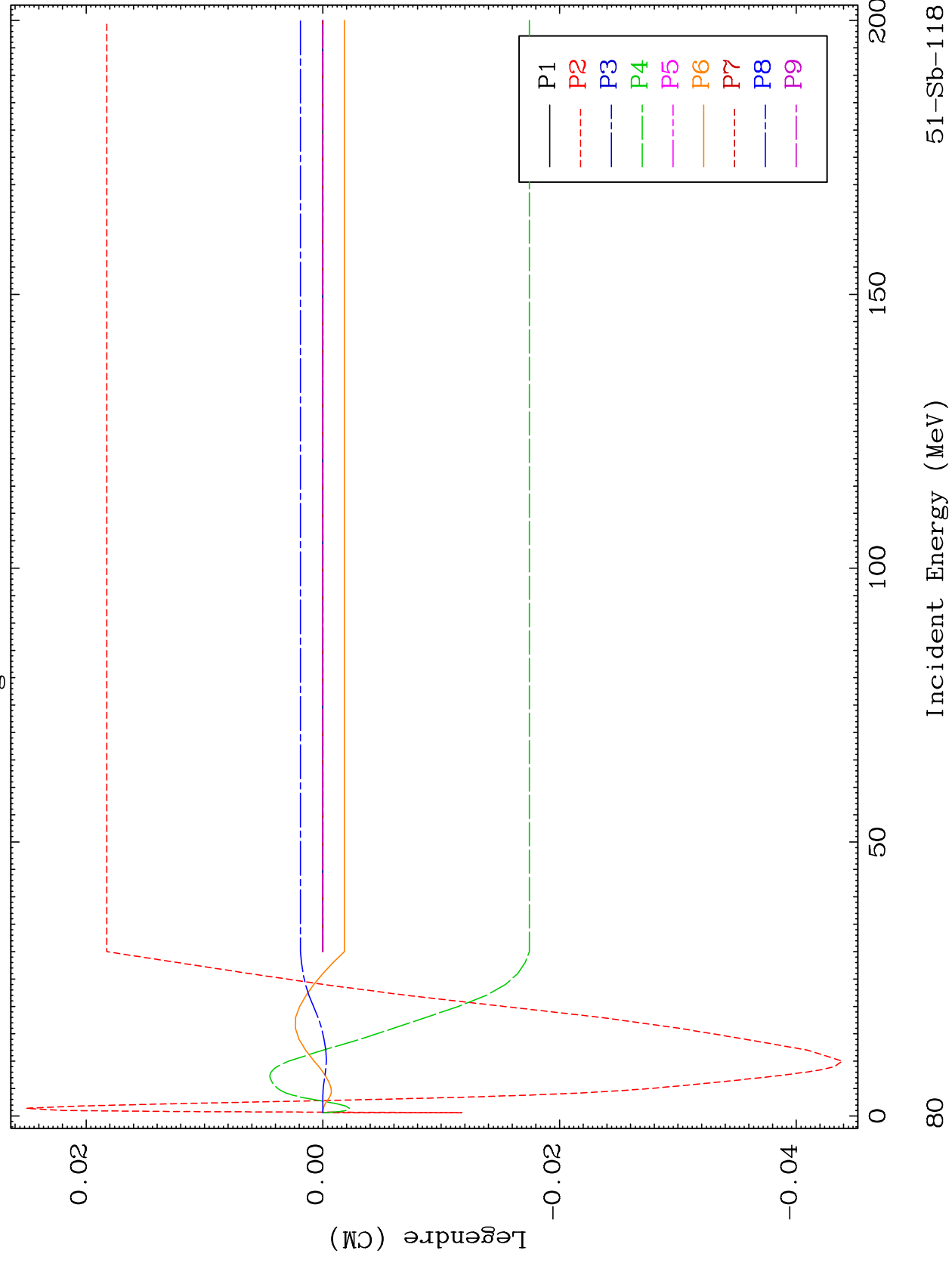
51-Sb-118



MAT 5116

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

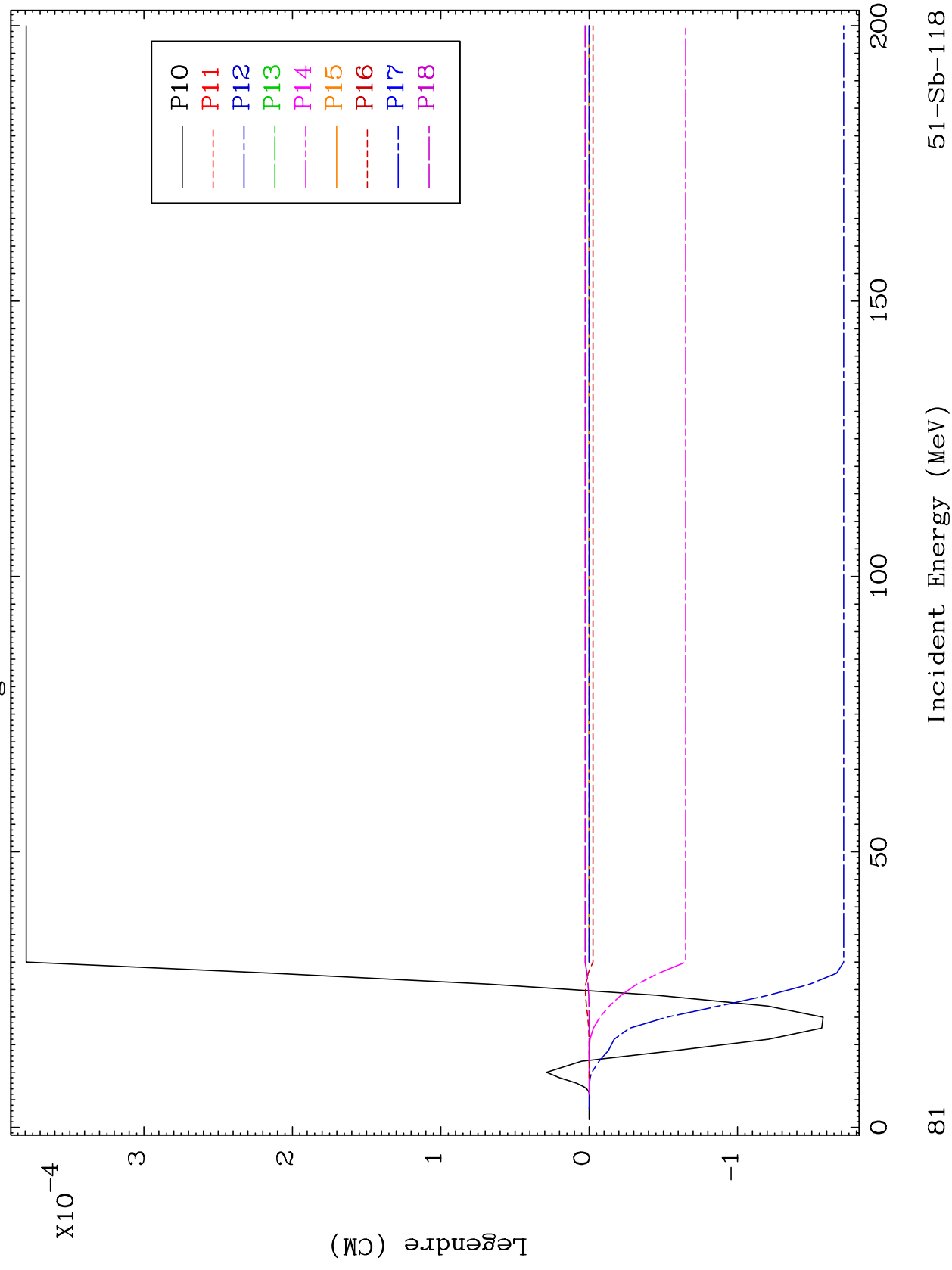
51-Sb-118

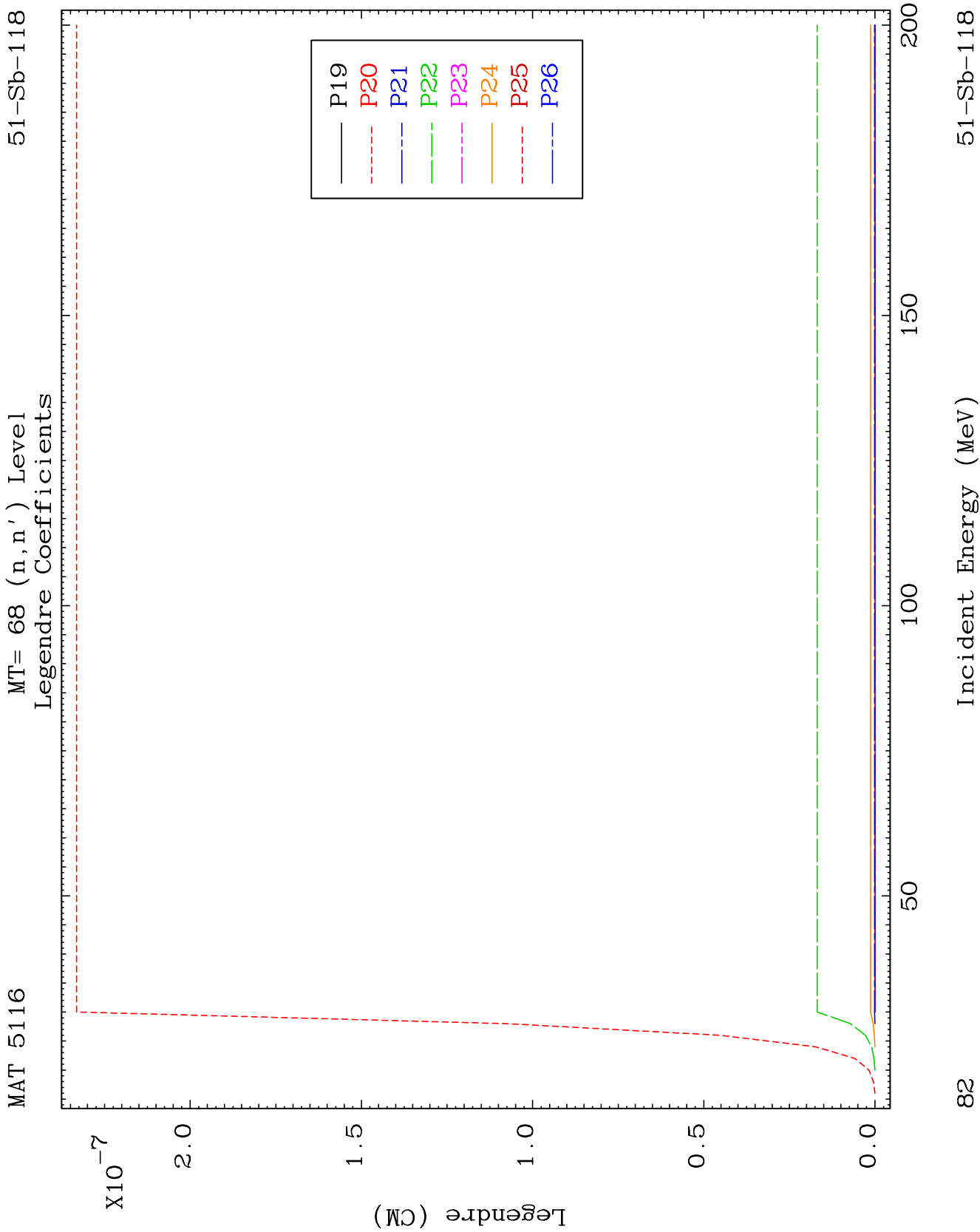


MAT 5116

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

51-Sb-118

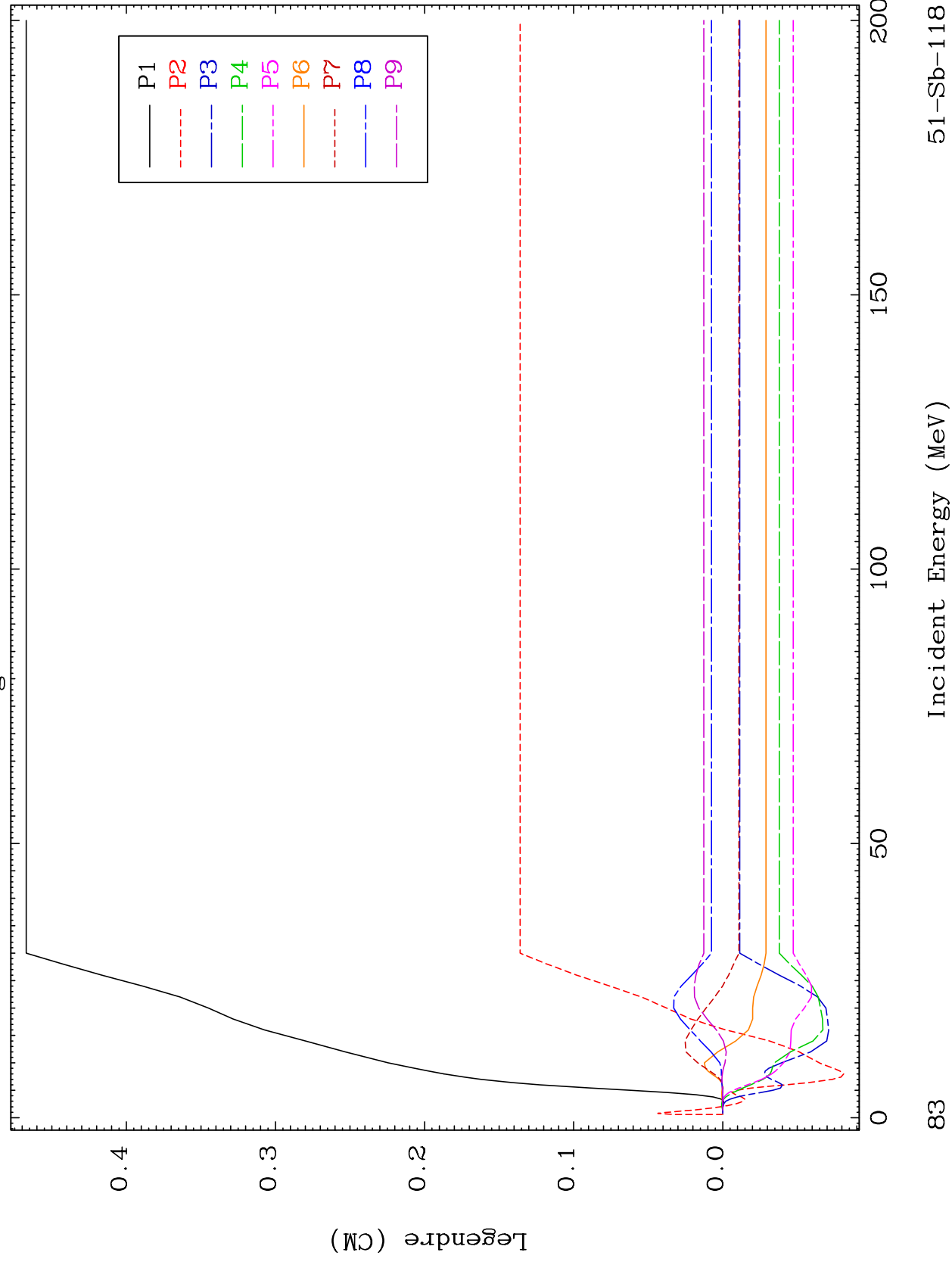


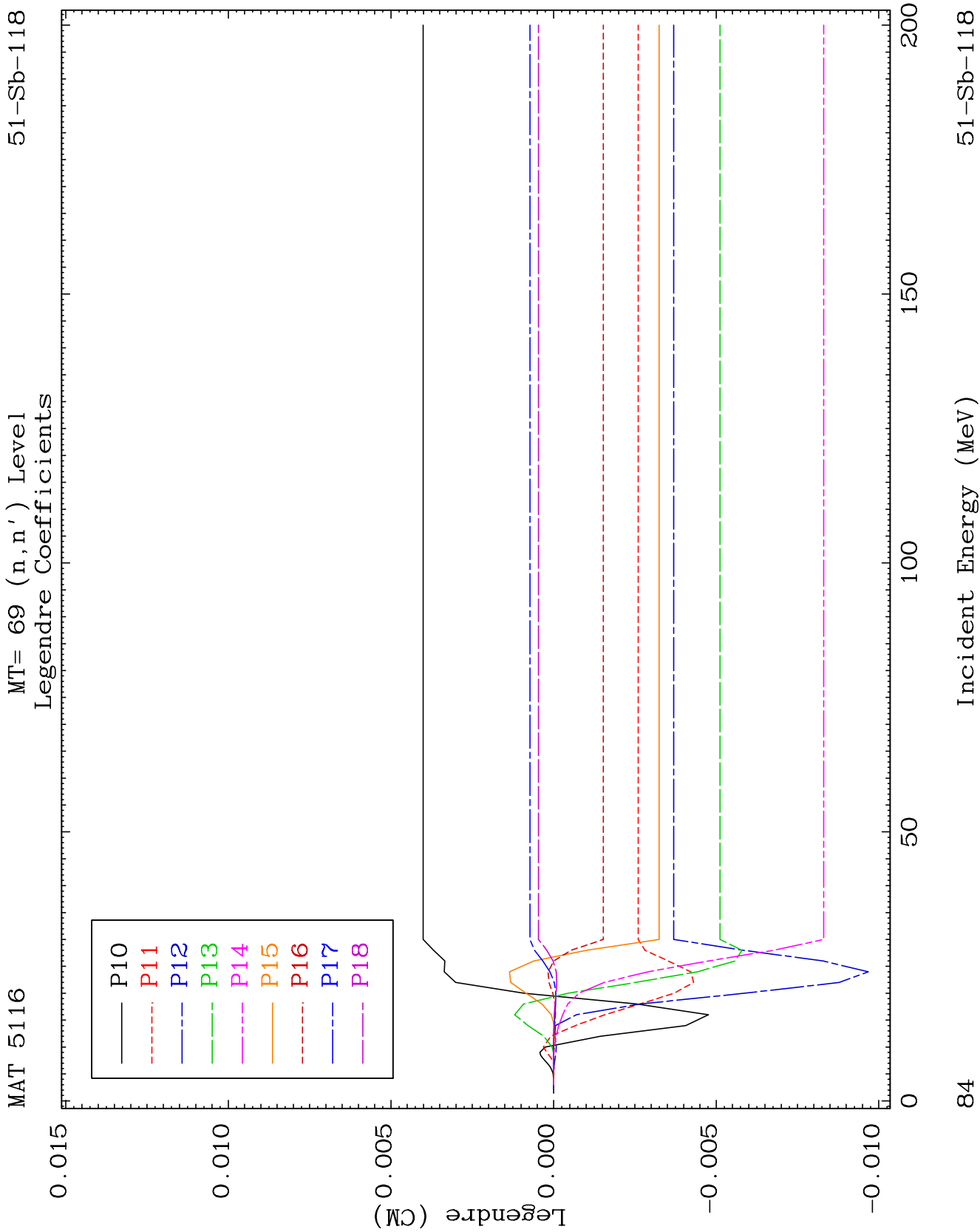


MAT 5116

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

51-Sb-118

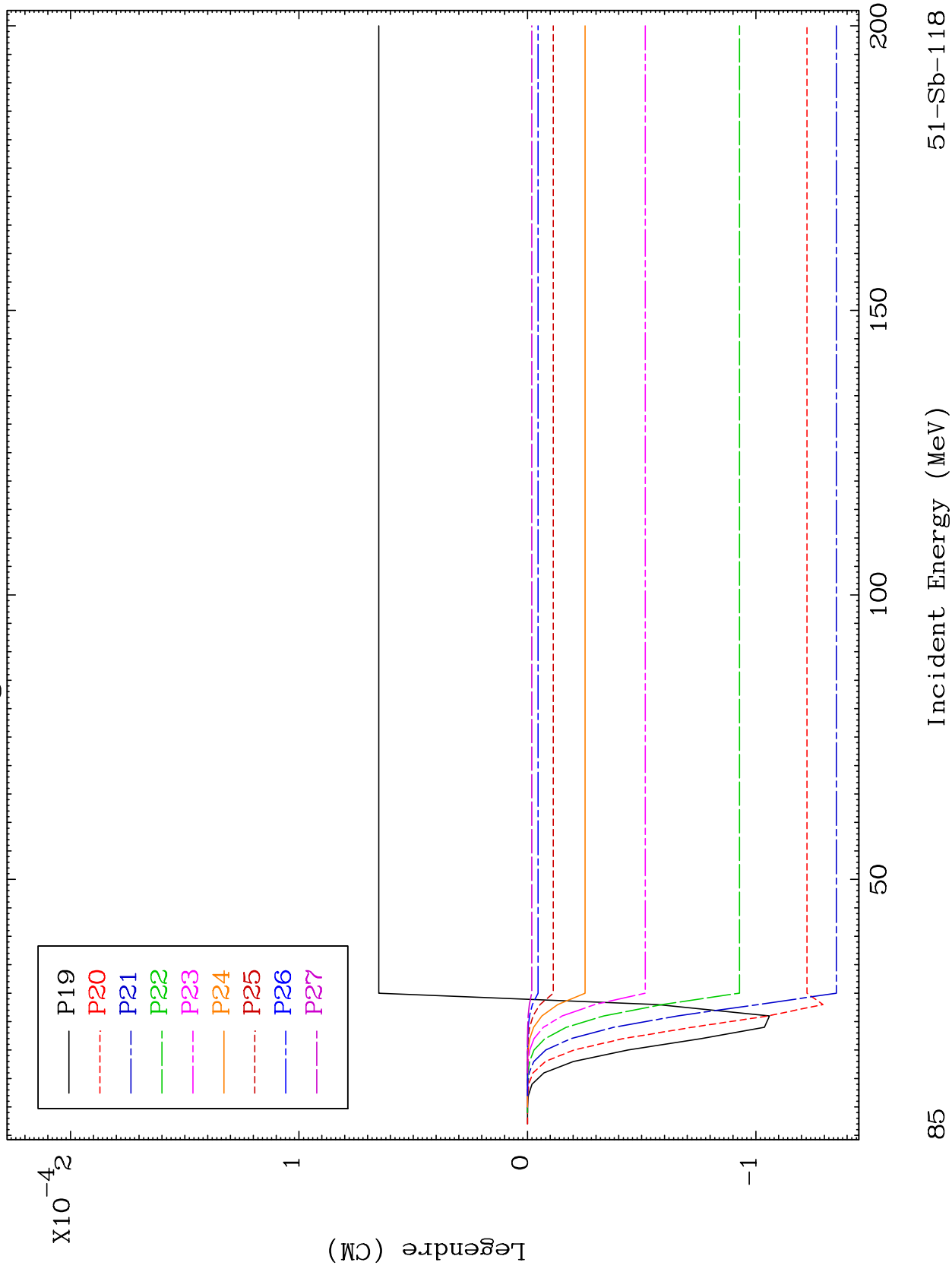


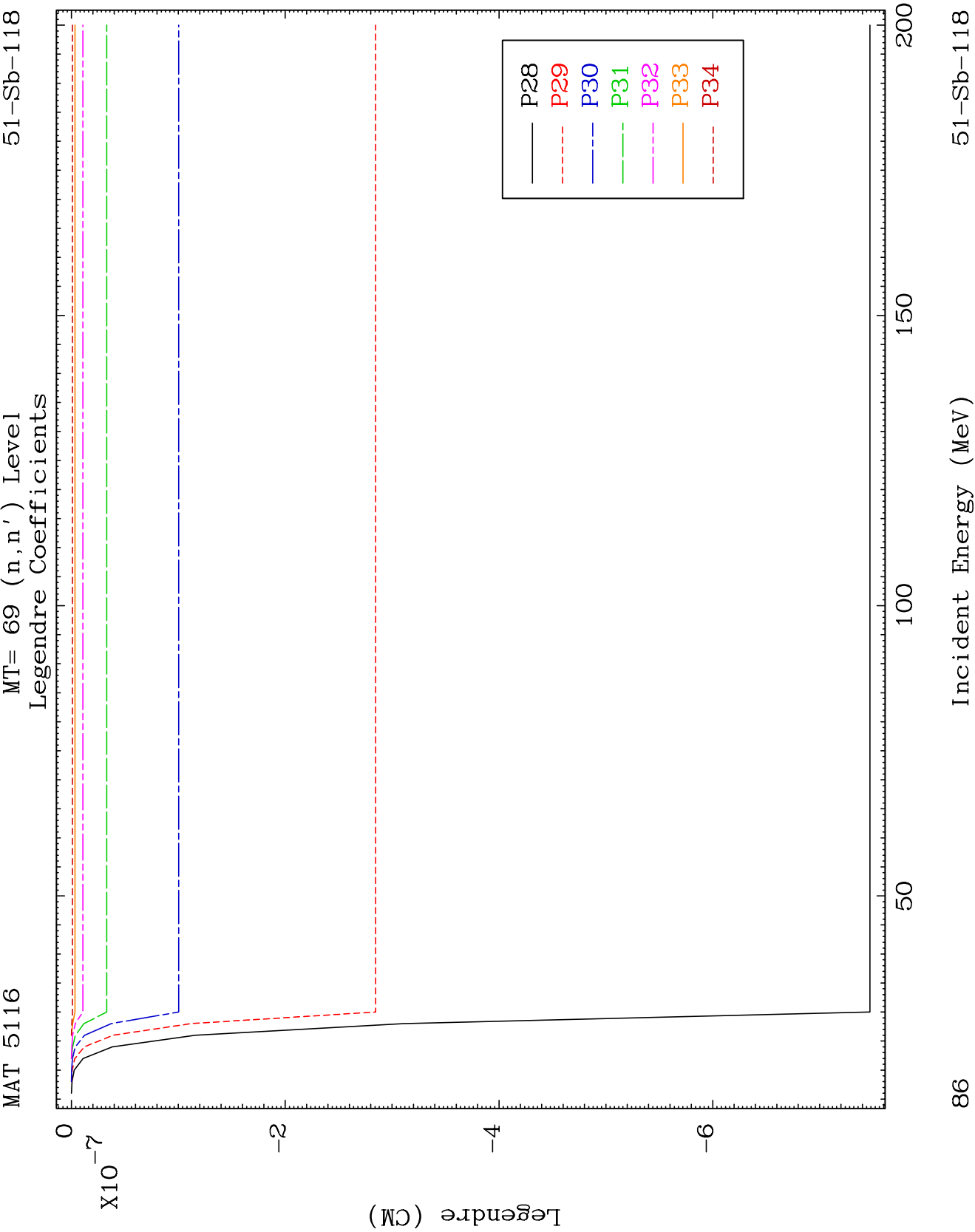


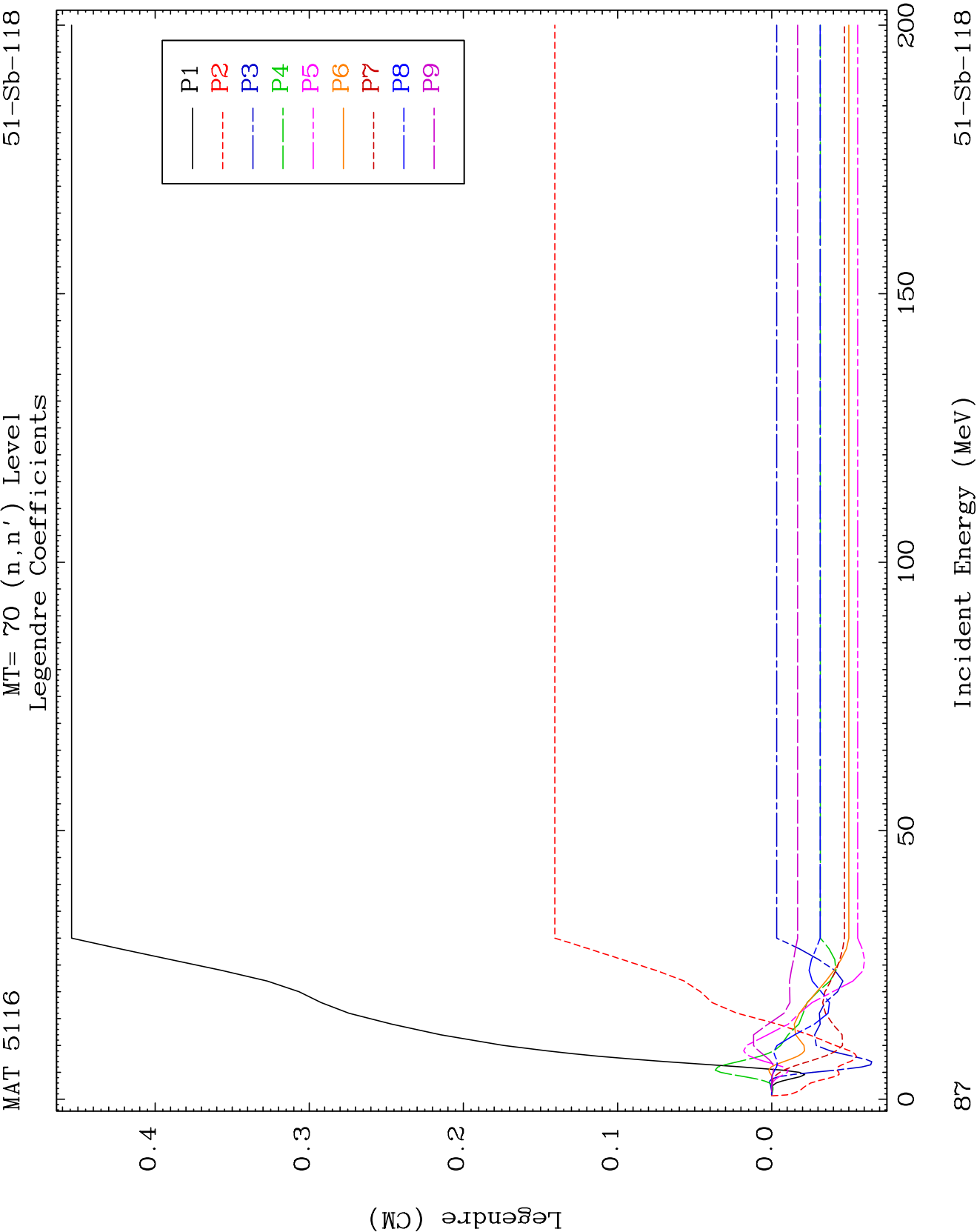
MAT 5116

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

51-Sb-118



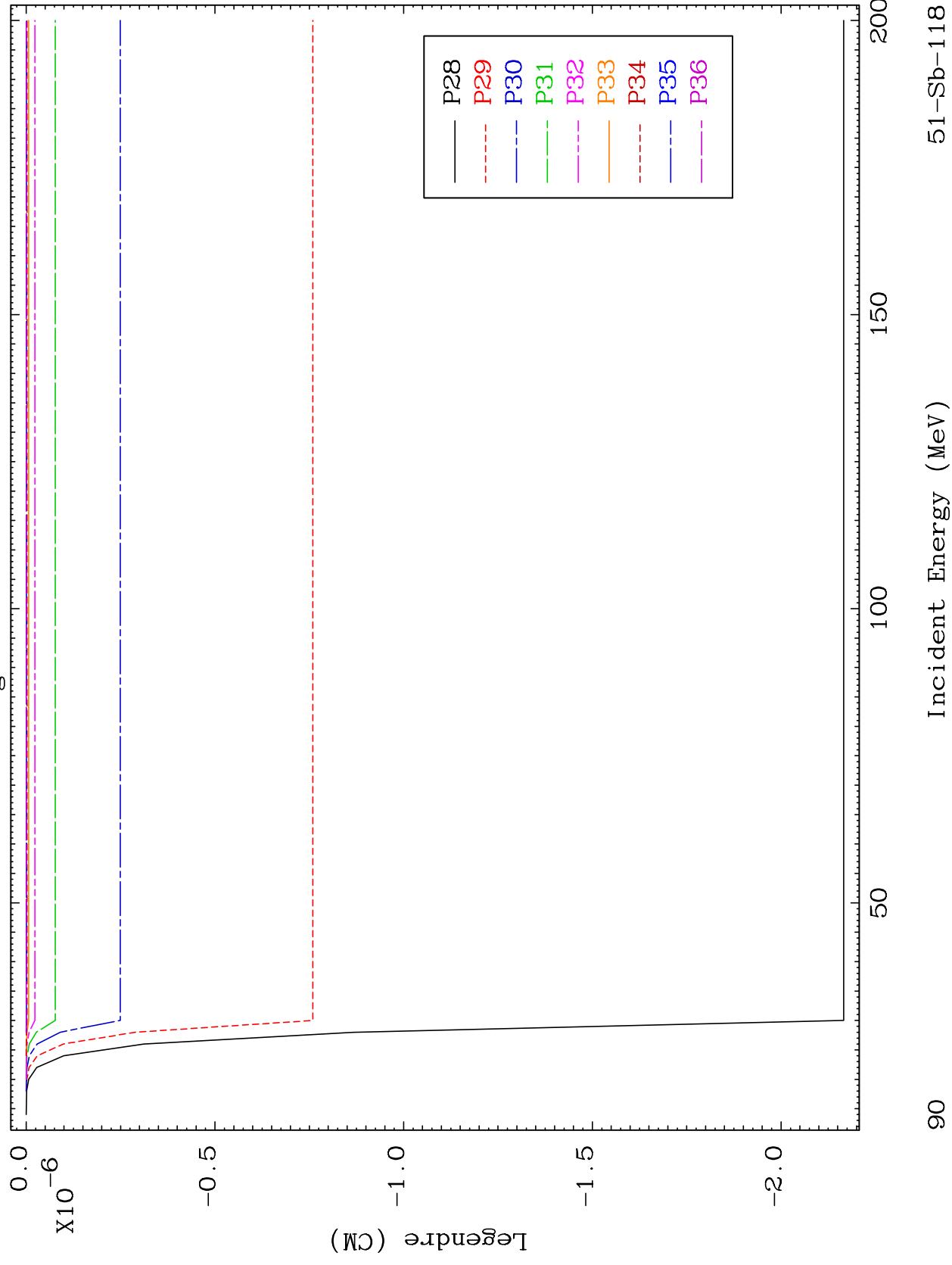


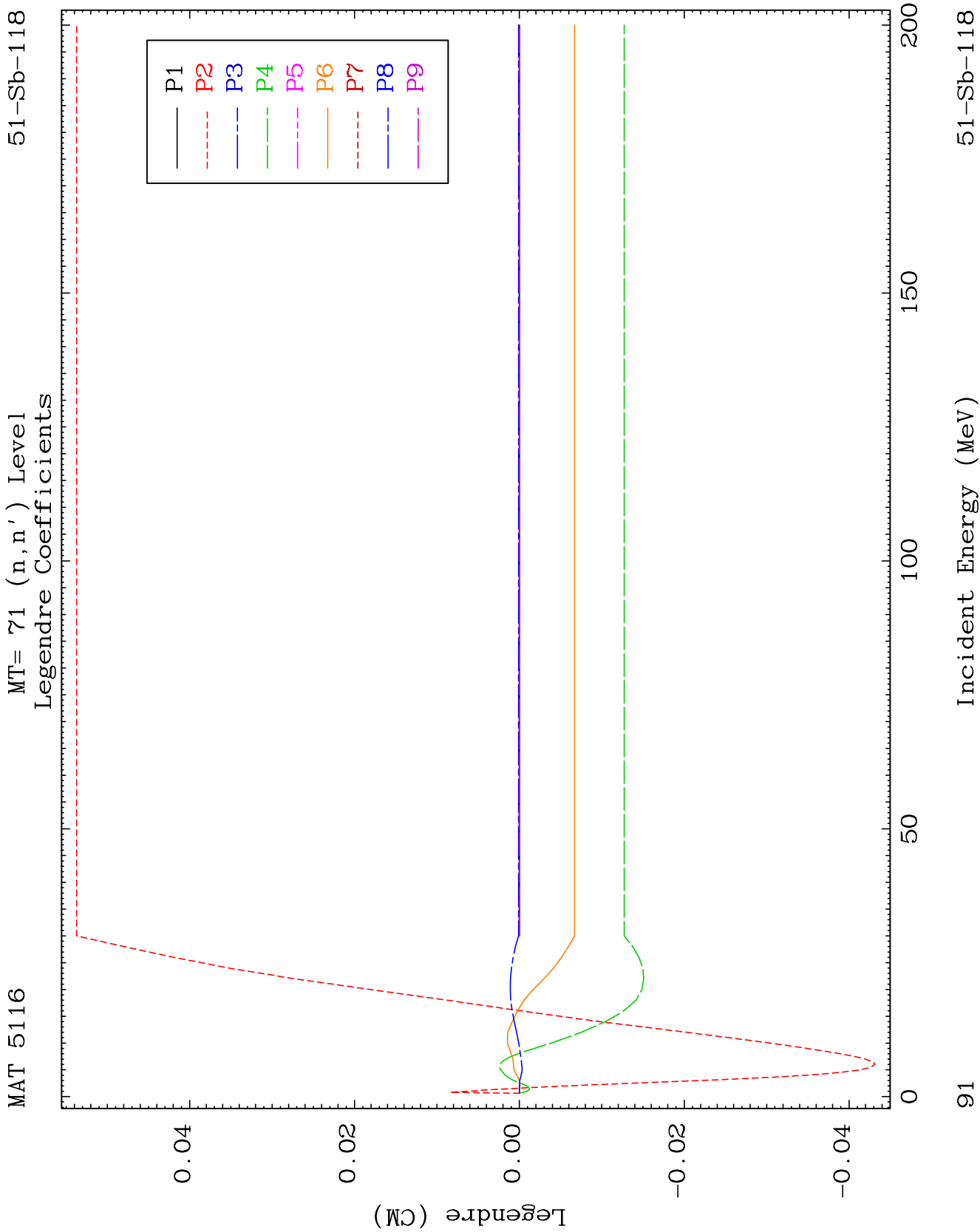


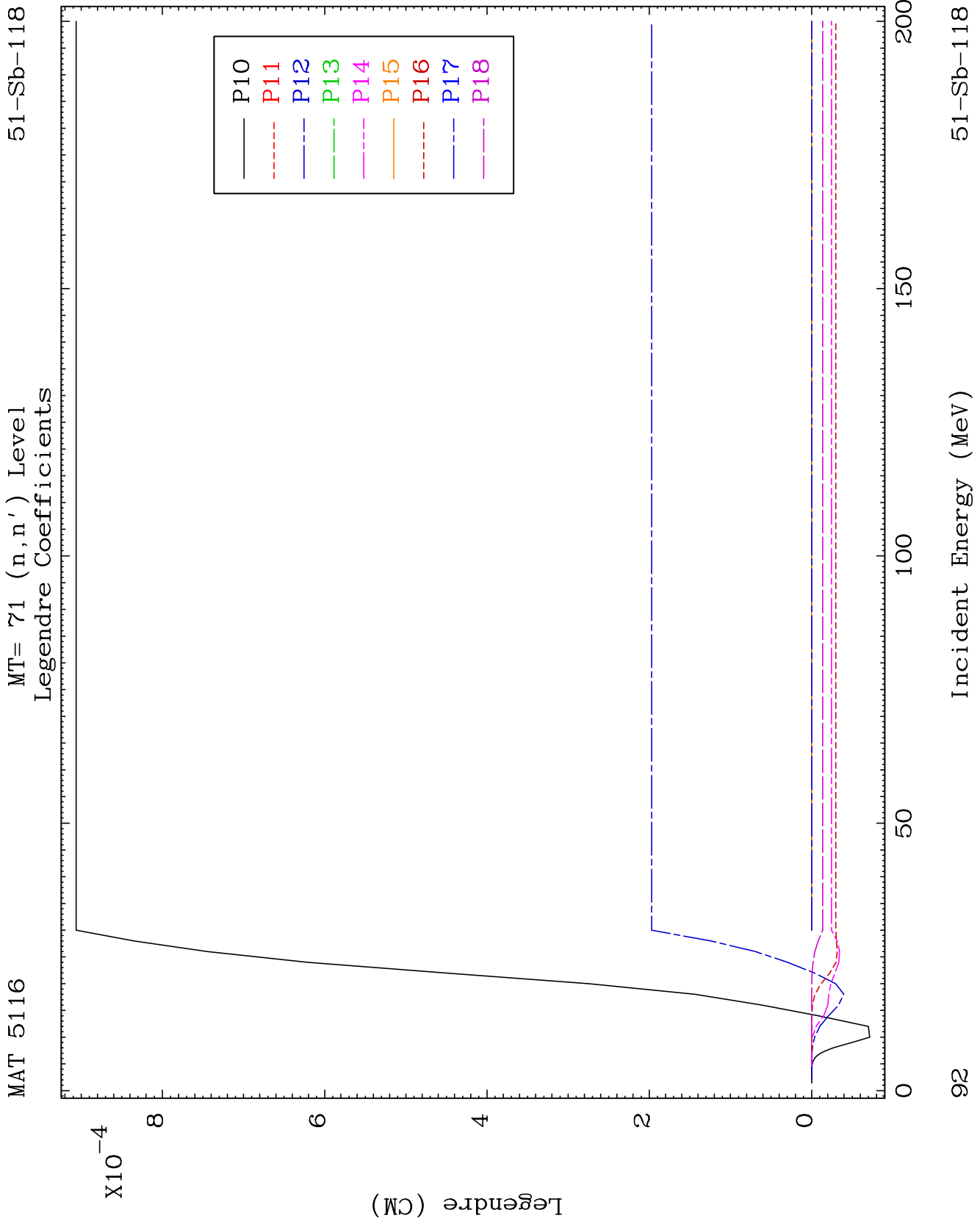
MAT 5116

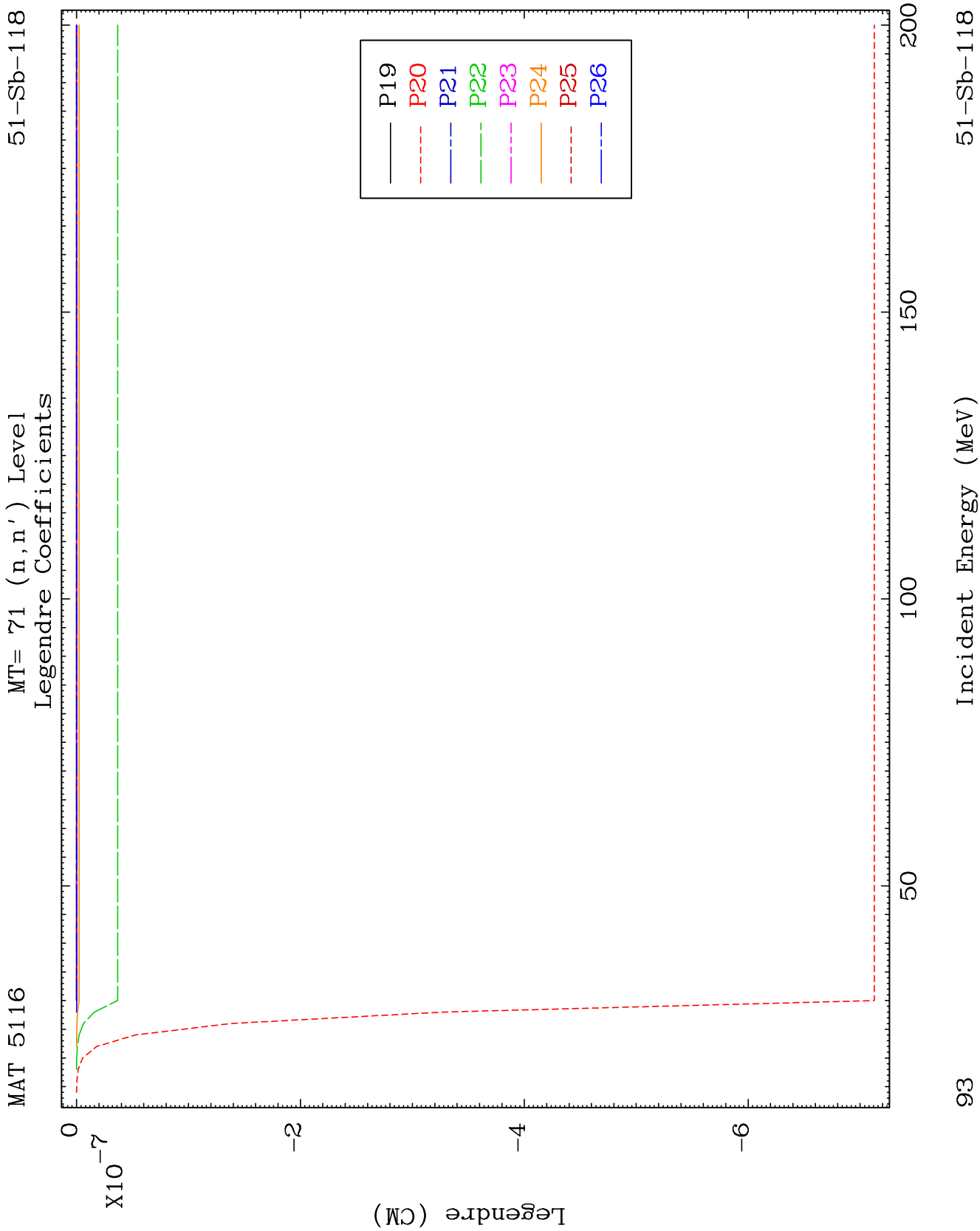
MT= 70 (n, n') Level
Legendre Coefficients

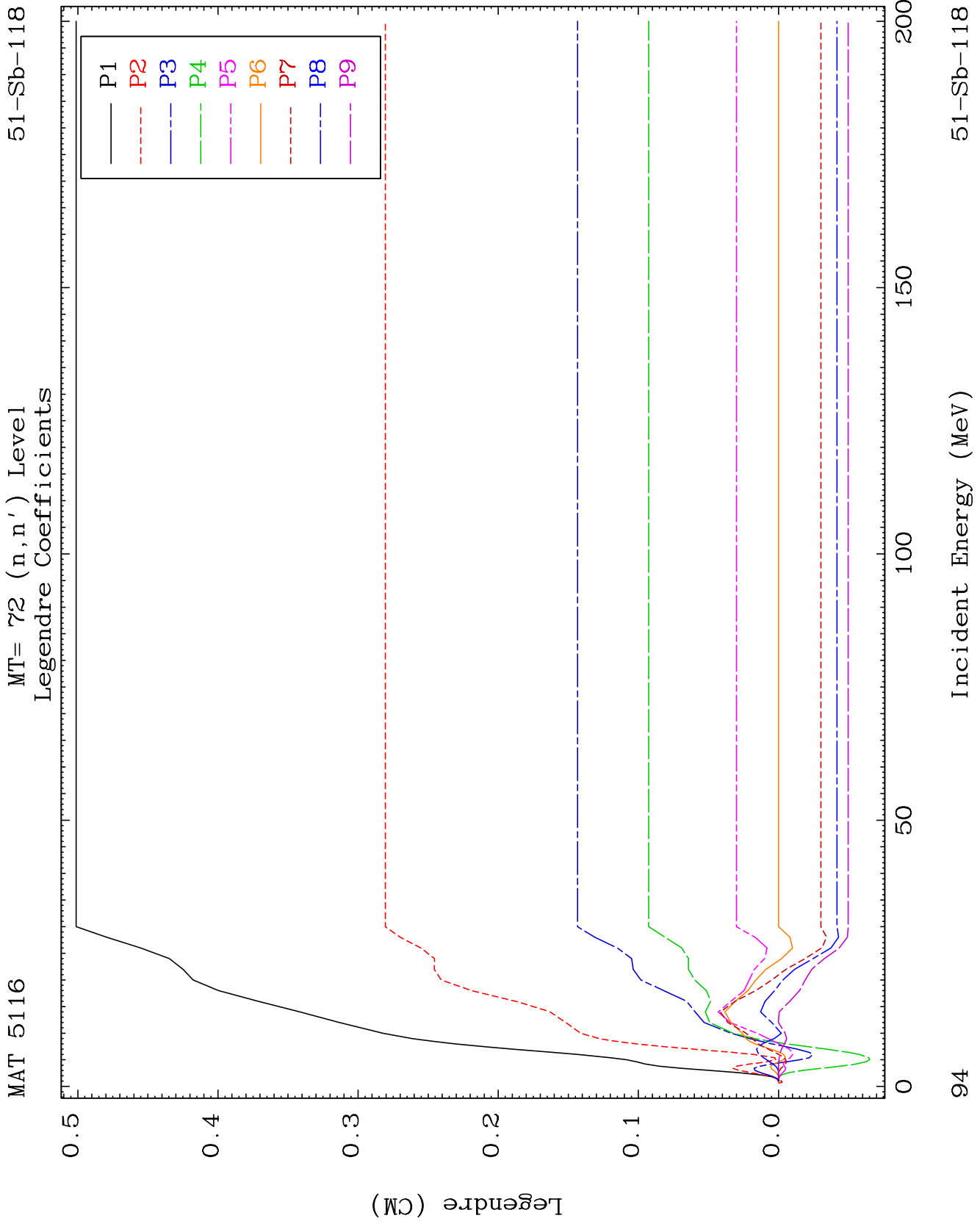
51-Sb-118

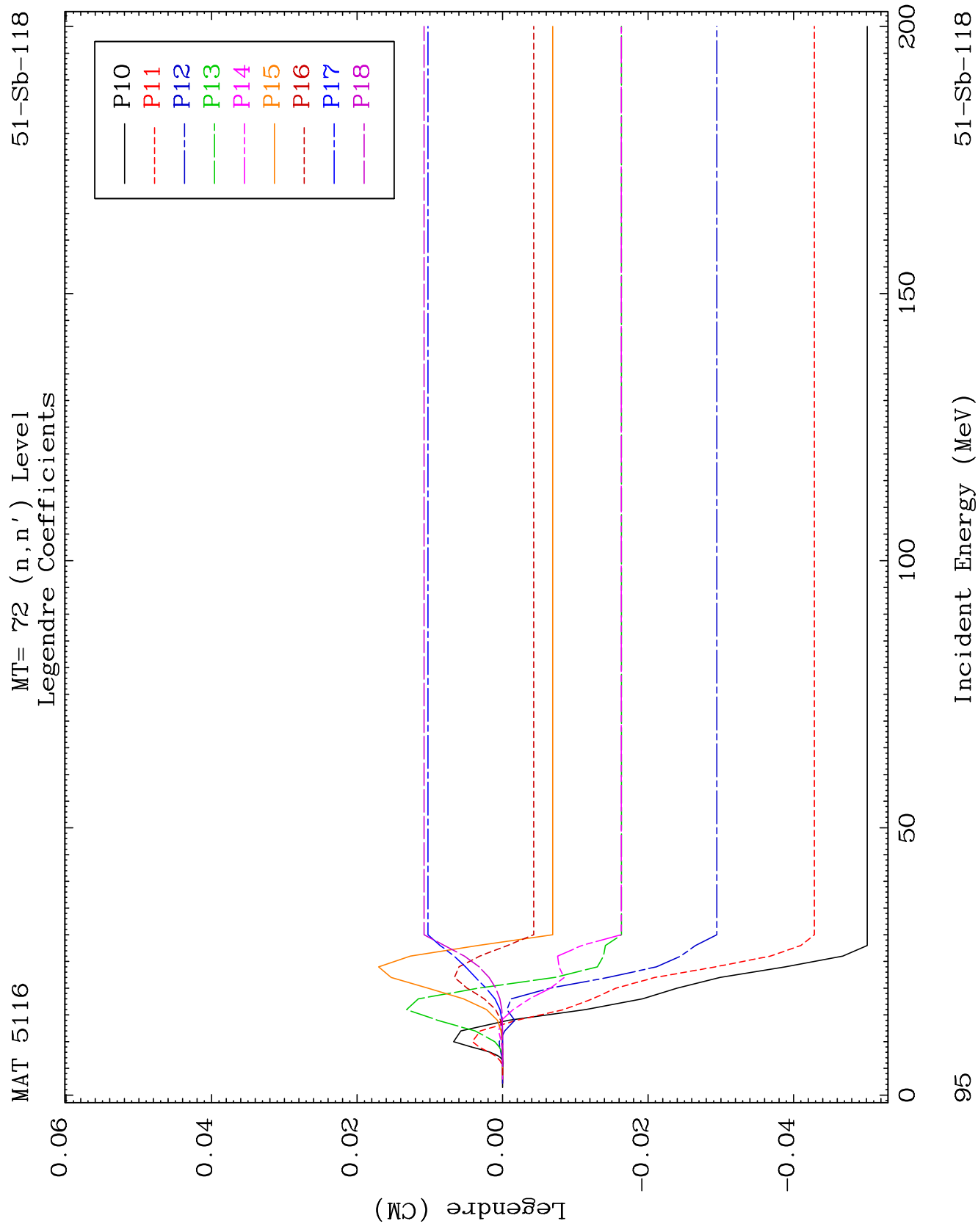








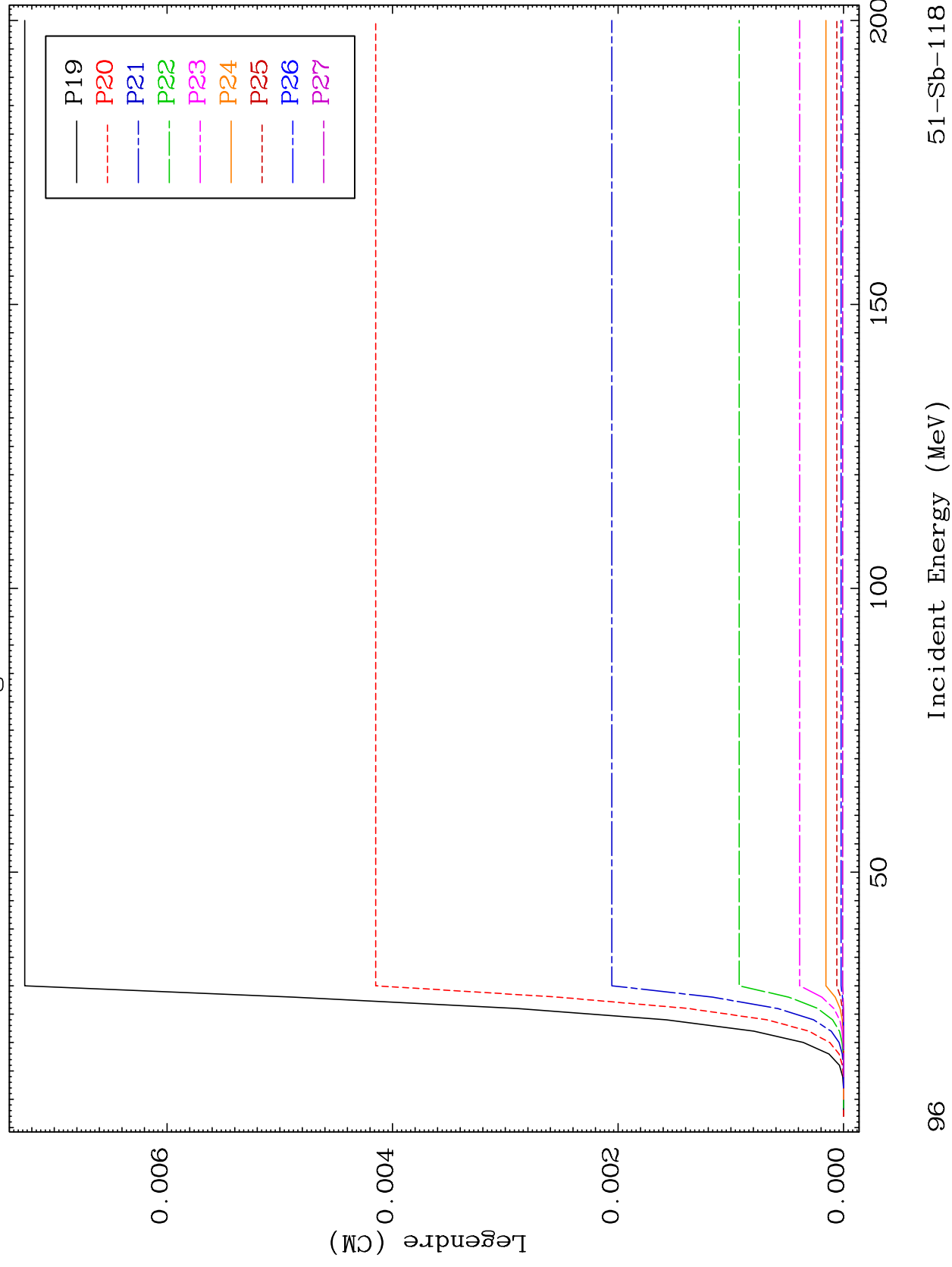


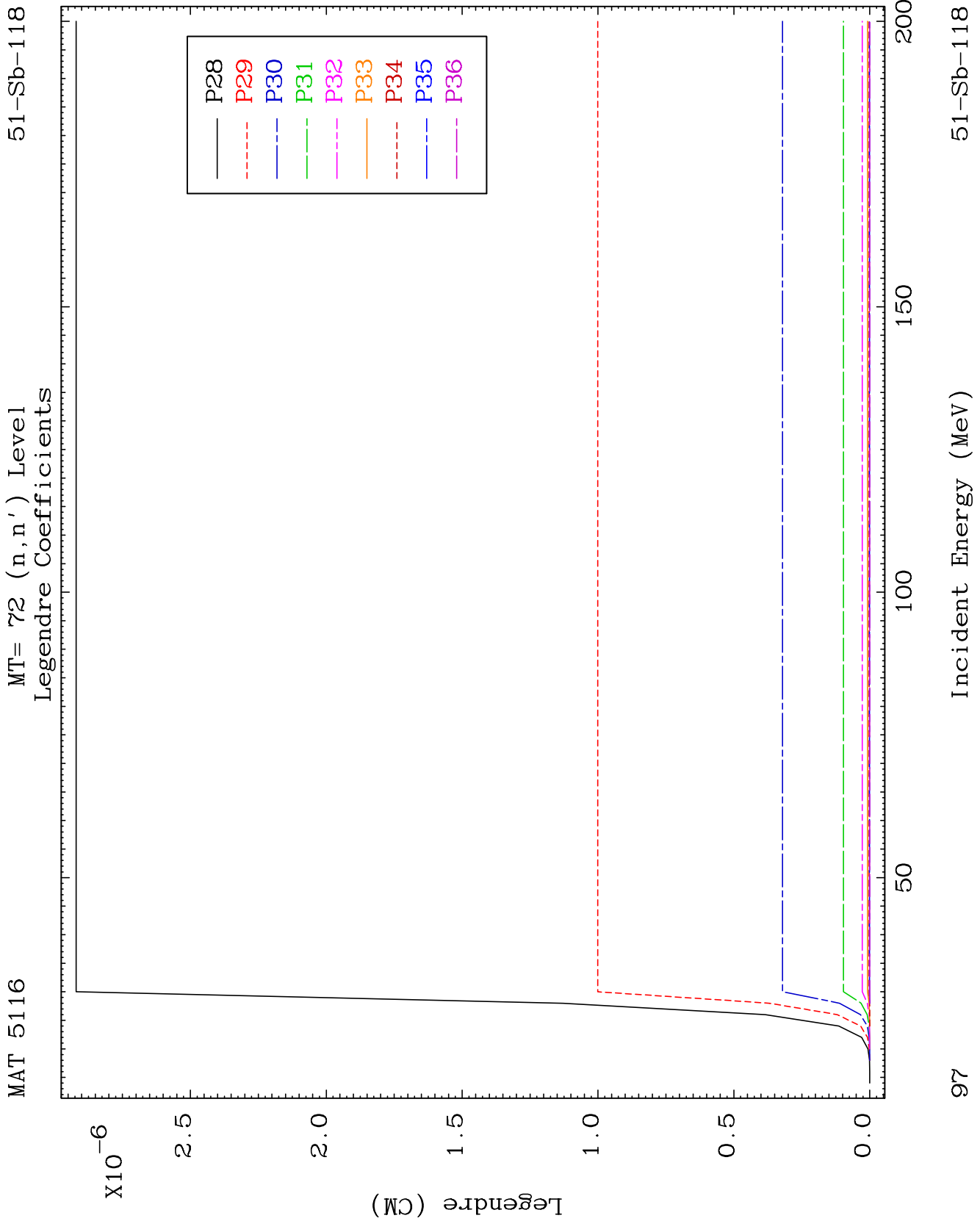


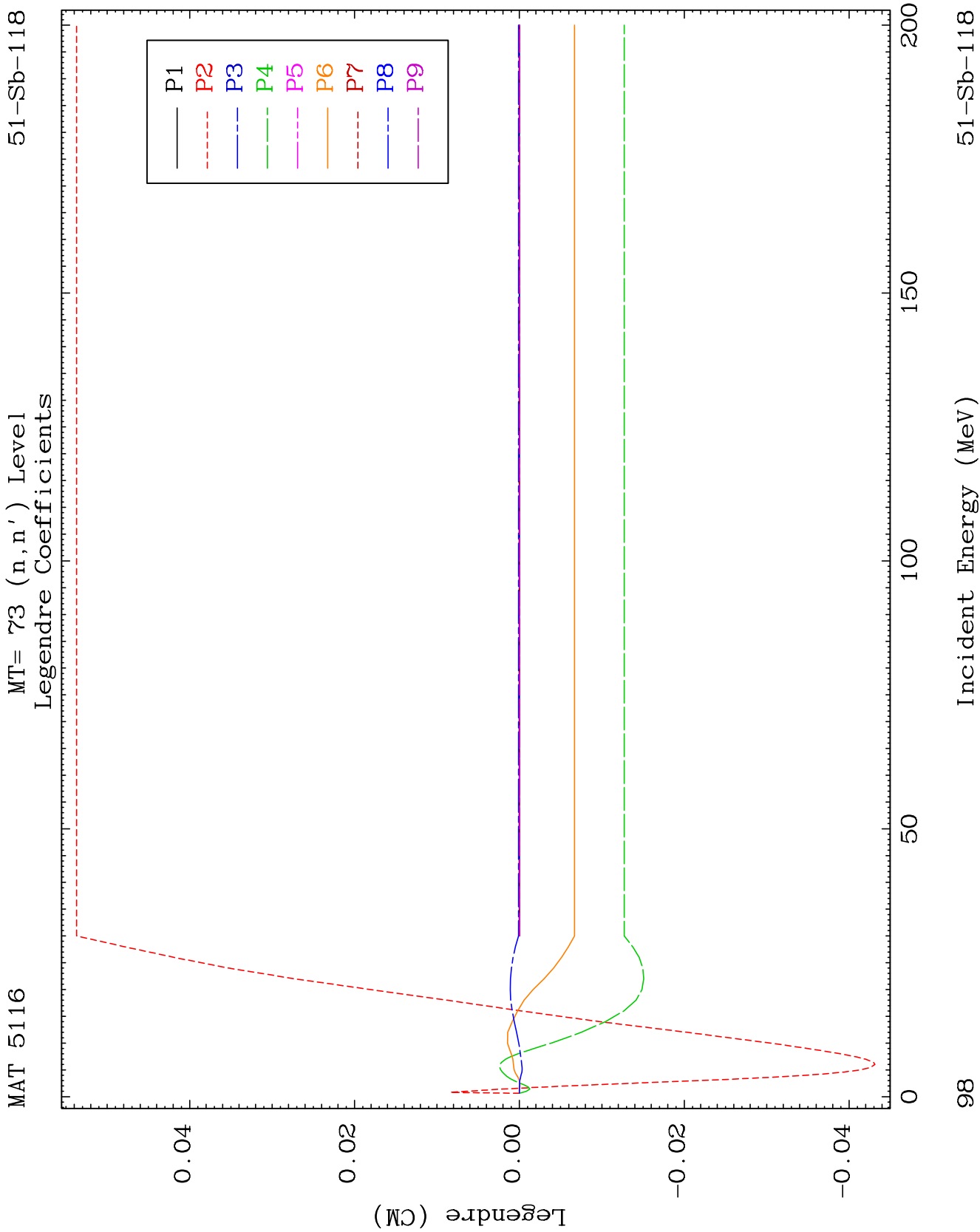
MAT 5116

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

51-Sb-118



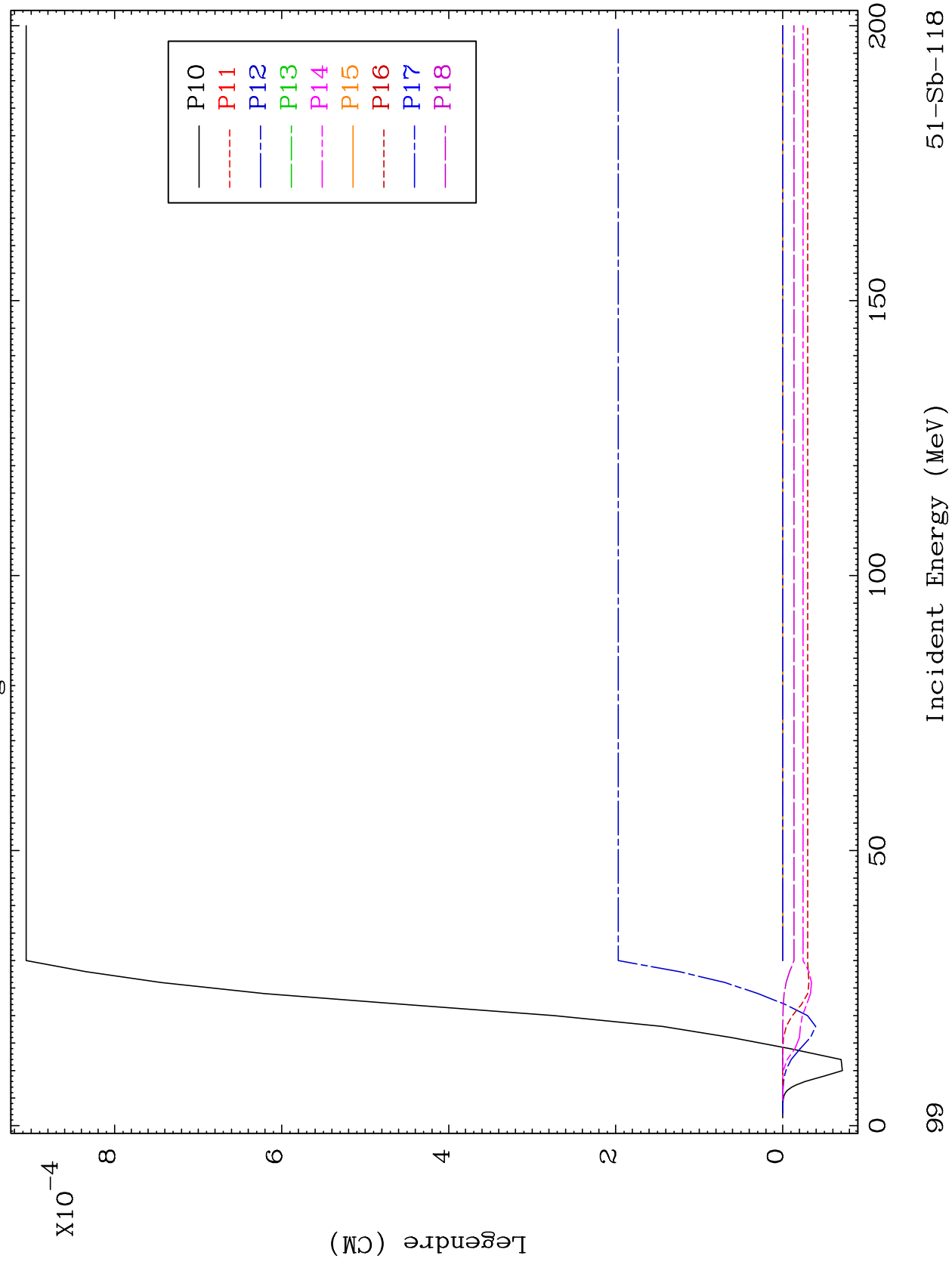


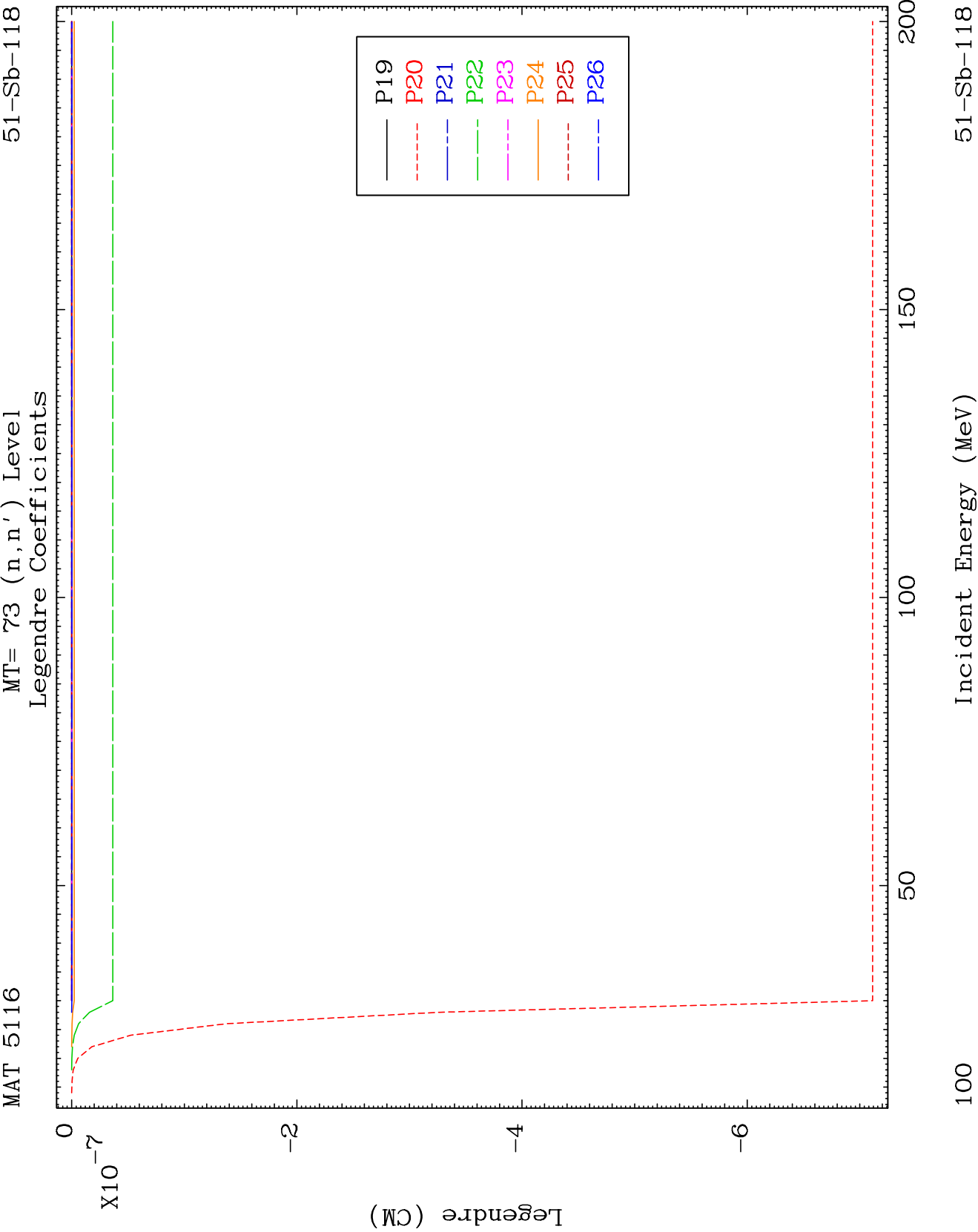


MAT 5116

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

51-Sb-118

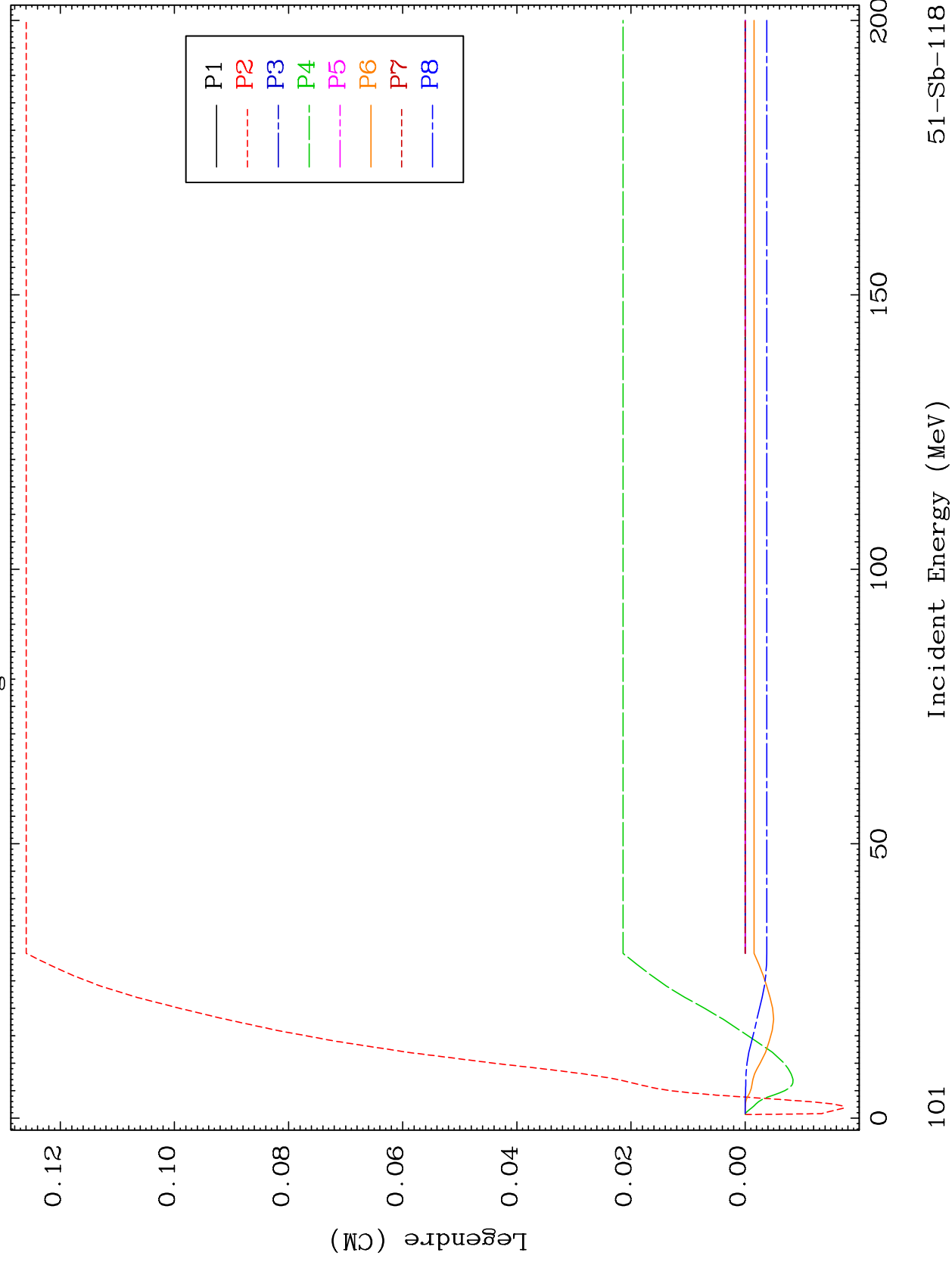




MAT 5116

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

51-Sb-118

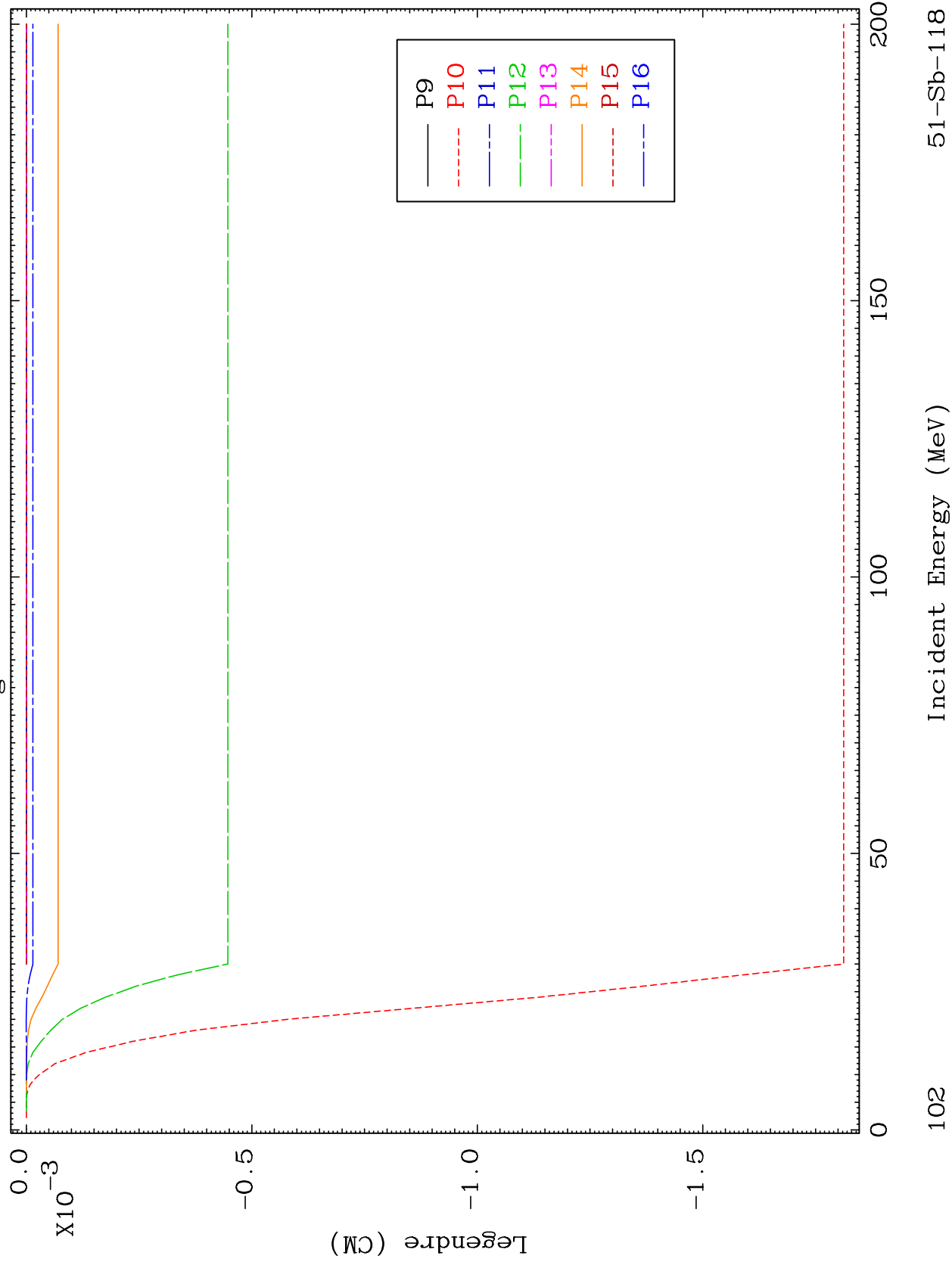


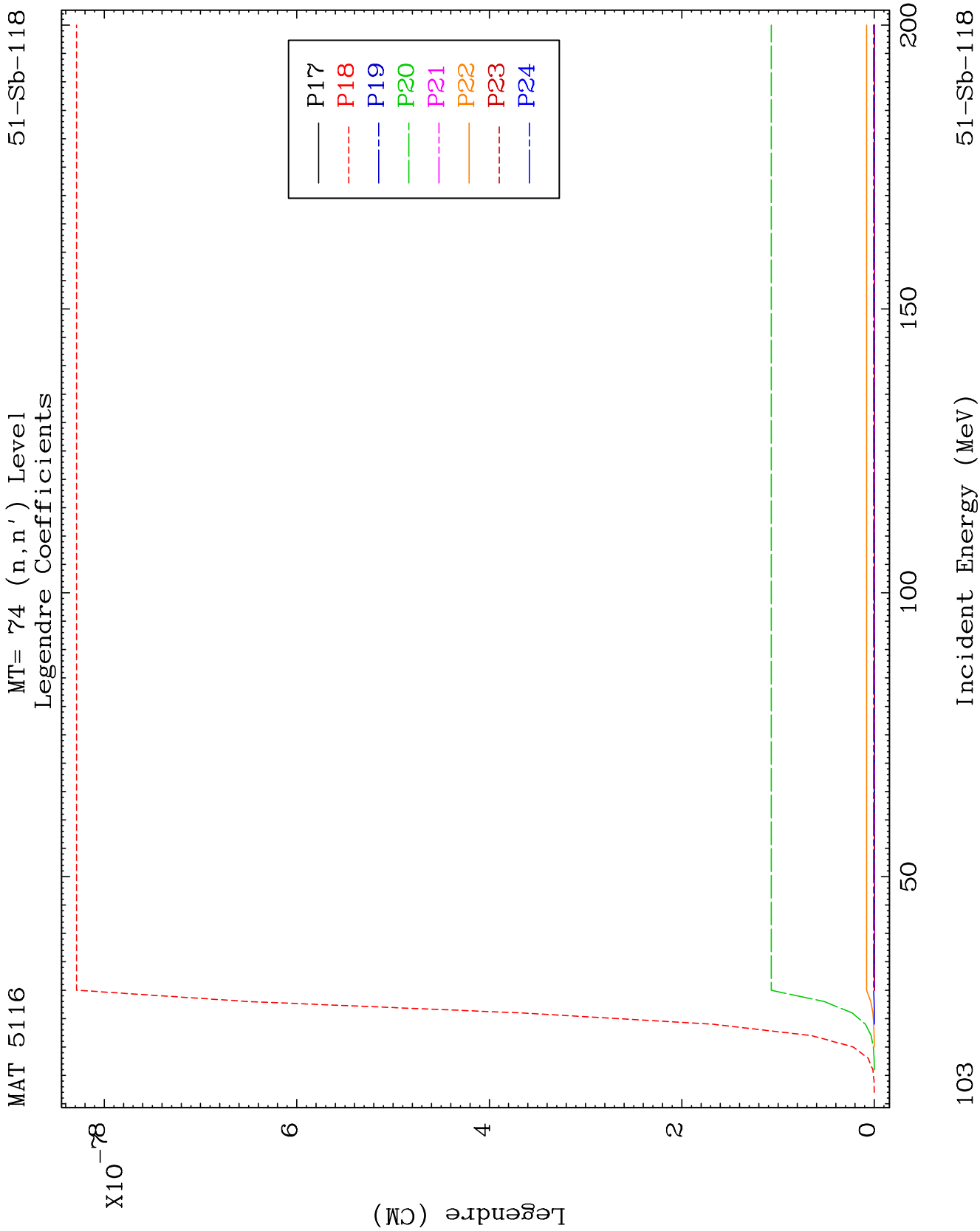
MAT 5116

MT=74 (n,n') Level

51-Sb-118

Legendre Coefficients

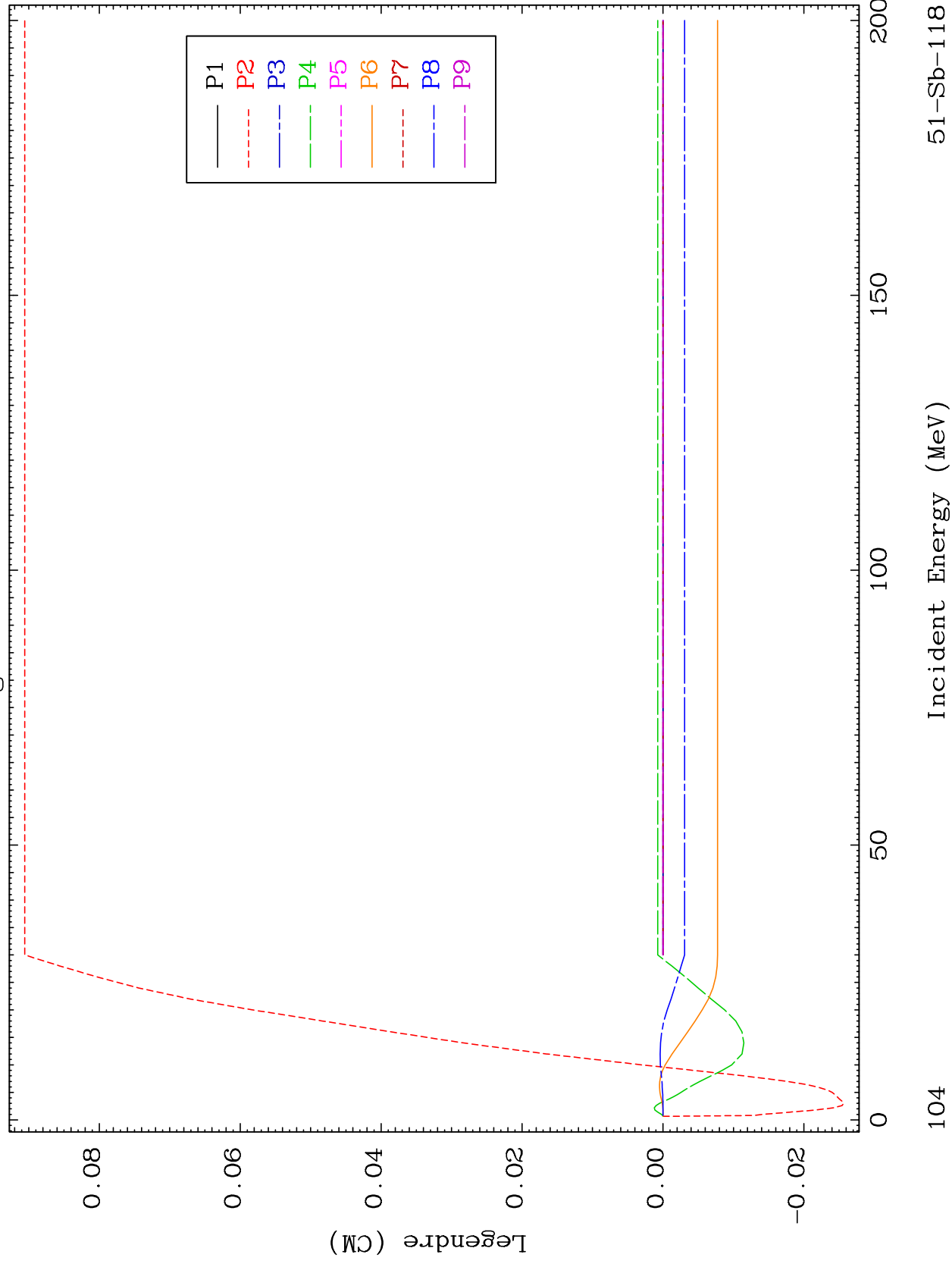




MAT 5116

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

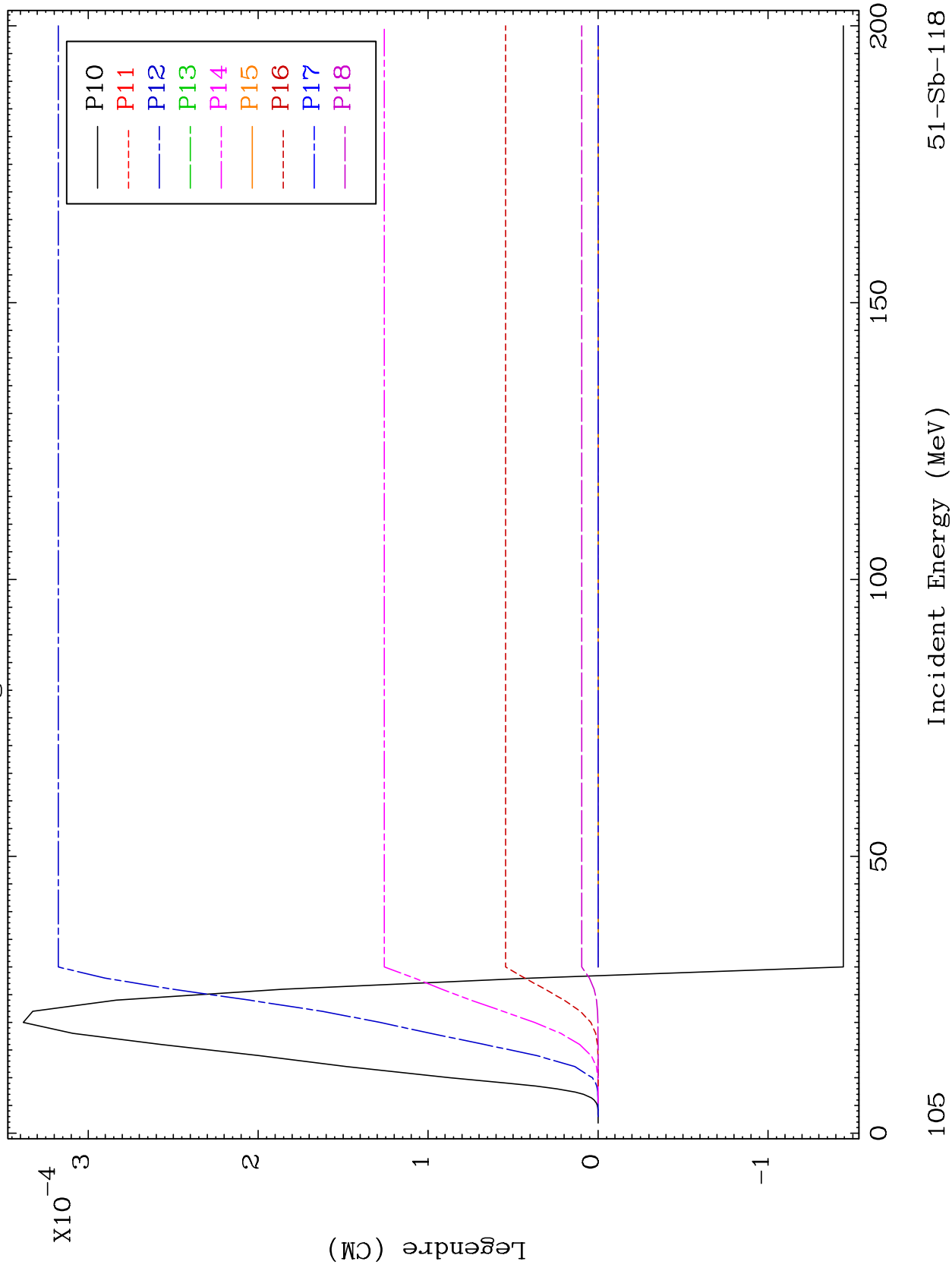
51-Sb-118

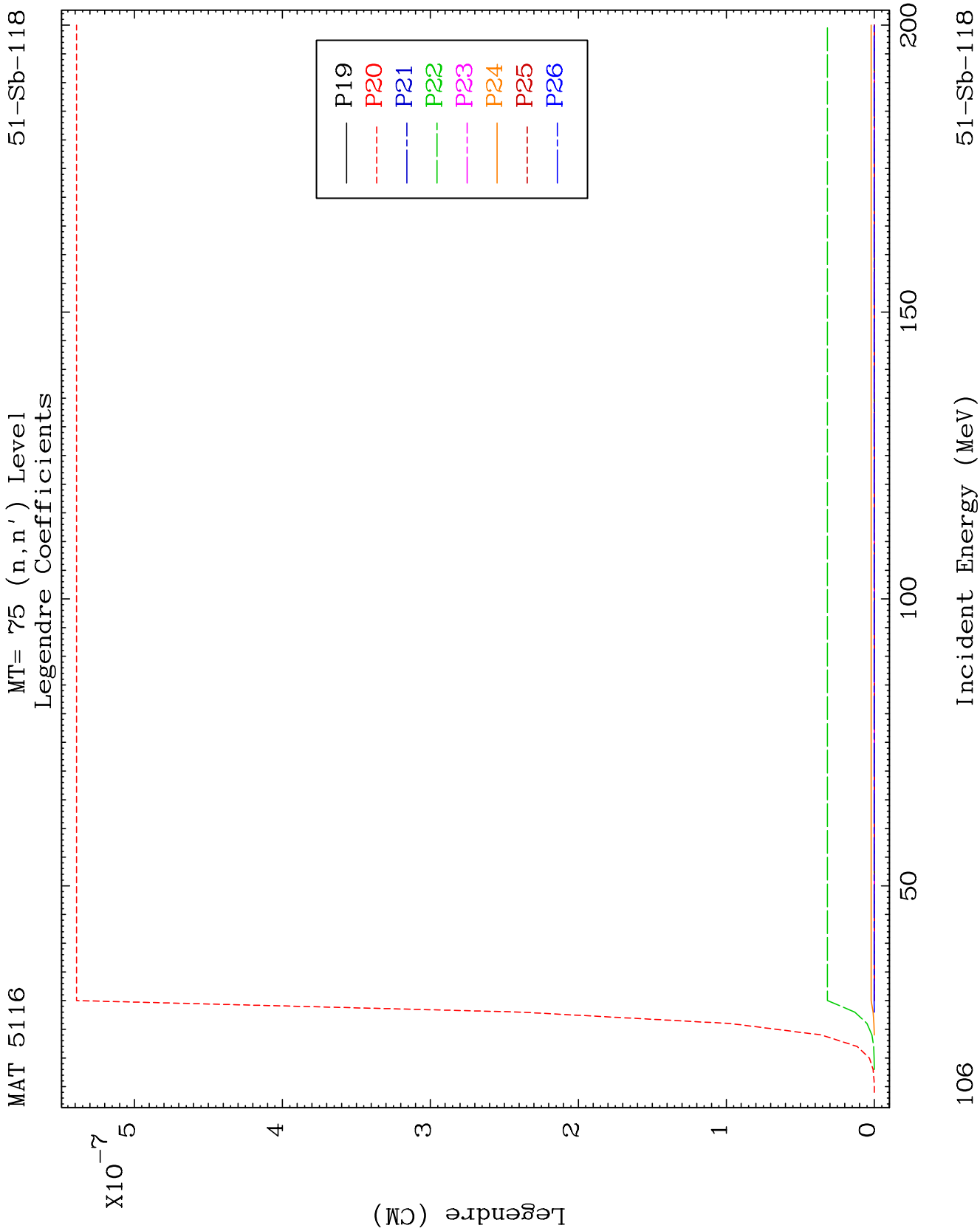


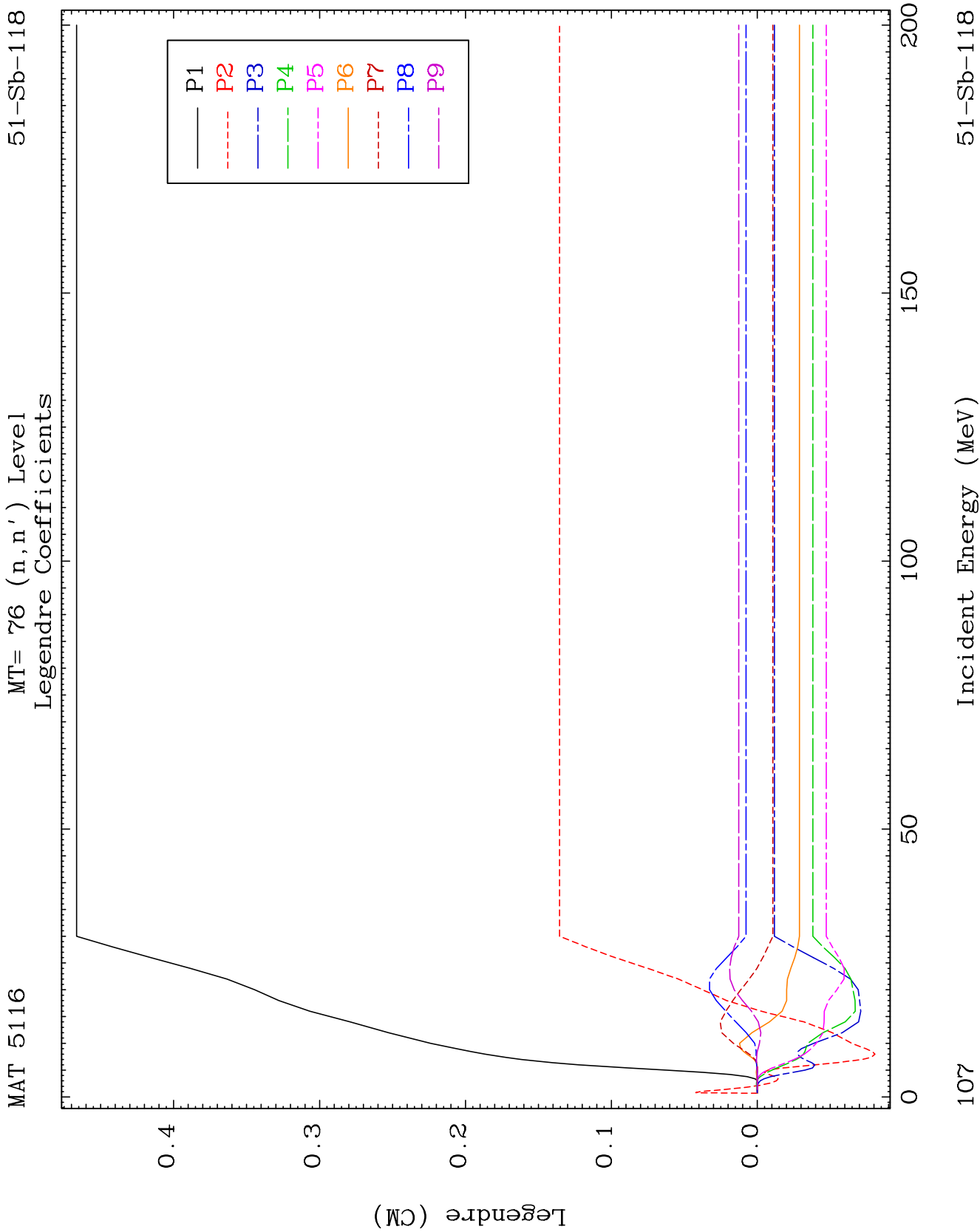
MAT 5116

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

51-Sb-118



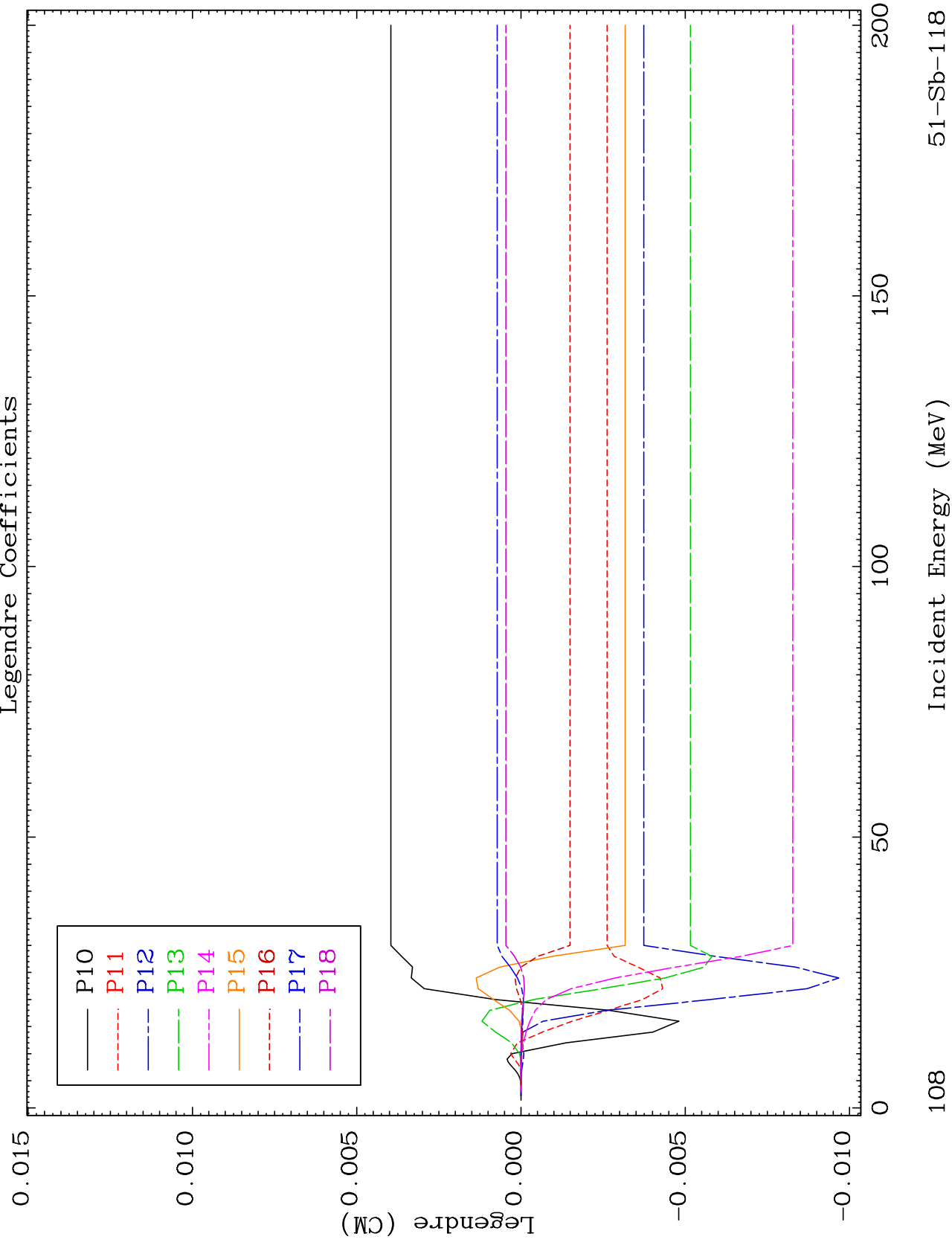


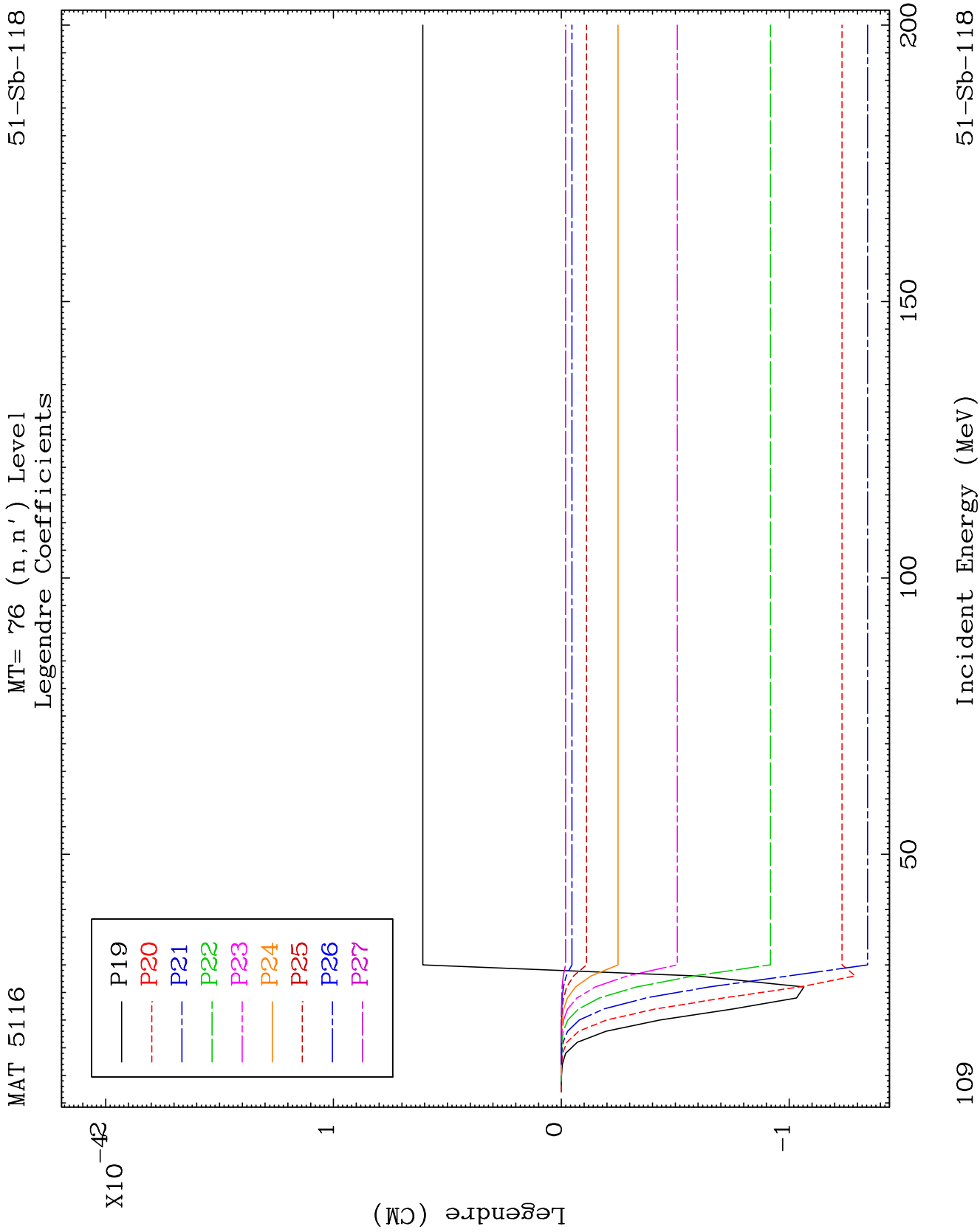


MAT 5116

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

51-Sb-118



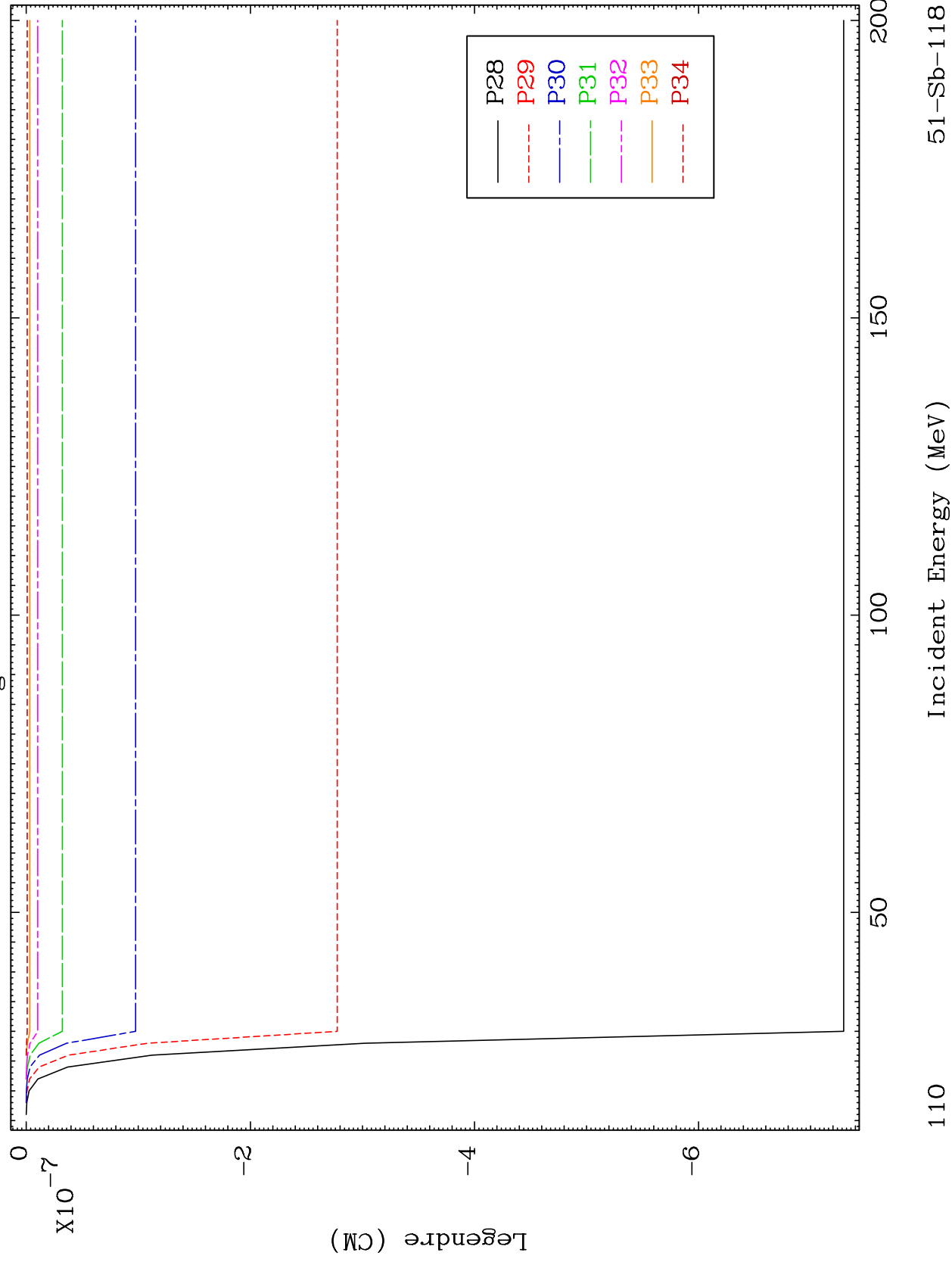


MAT 5116

MT=76 (n,n') Level

51-Sb-118

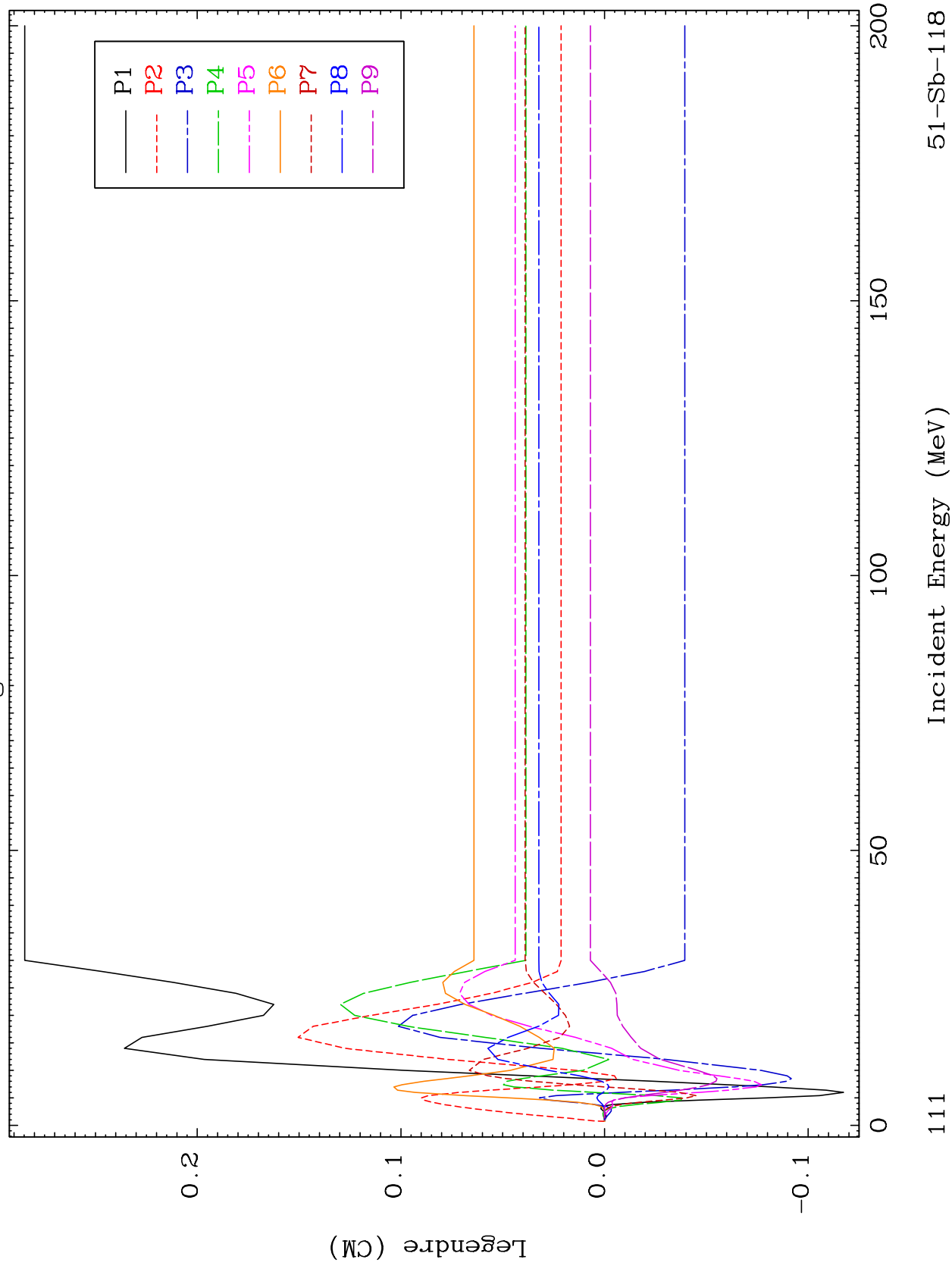
Legendre Coefficients

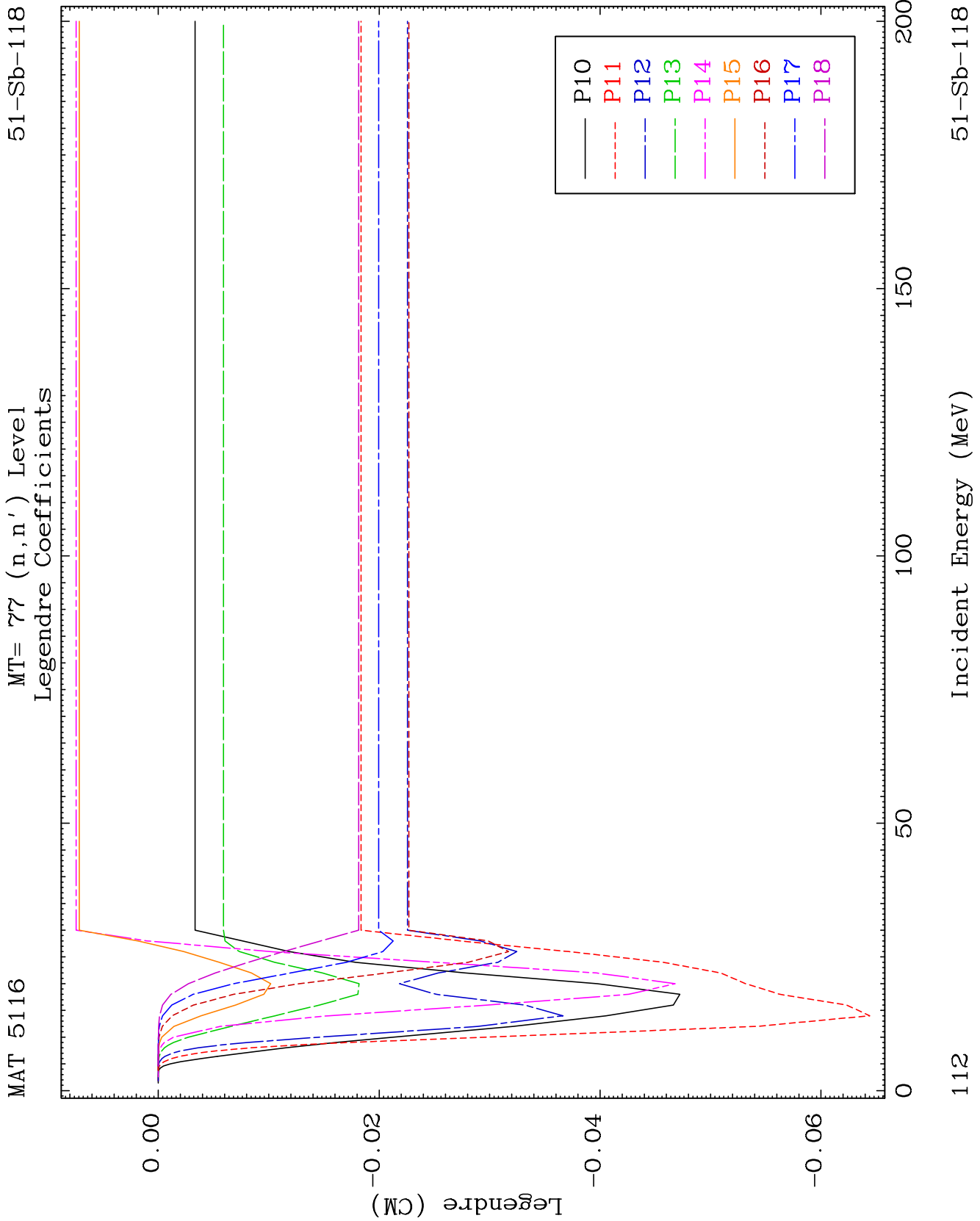


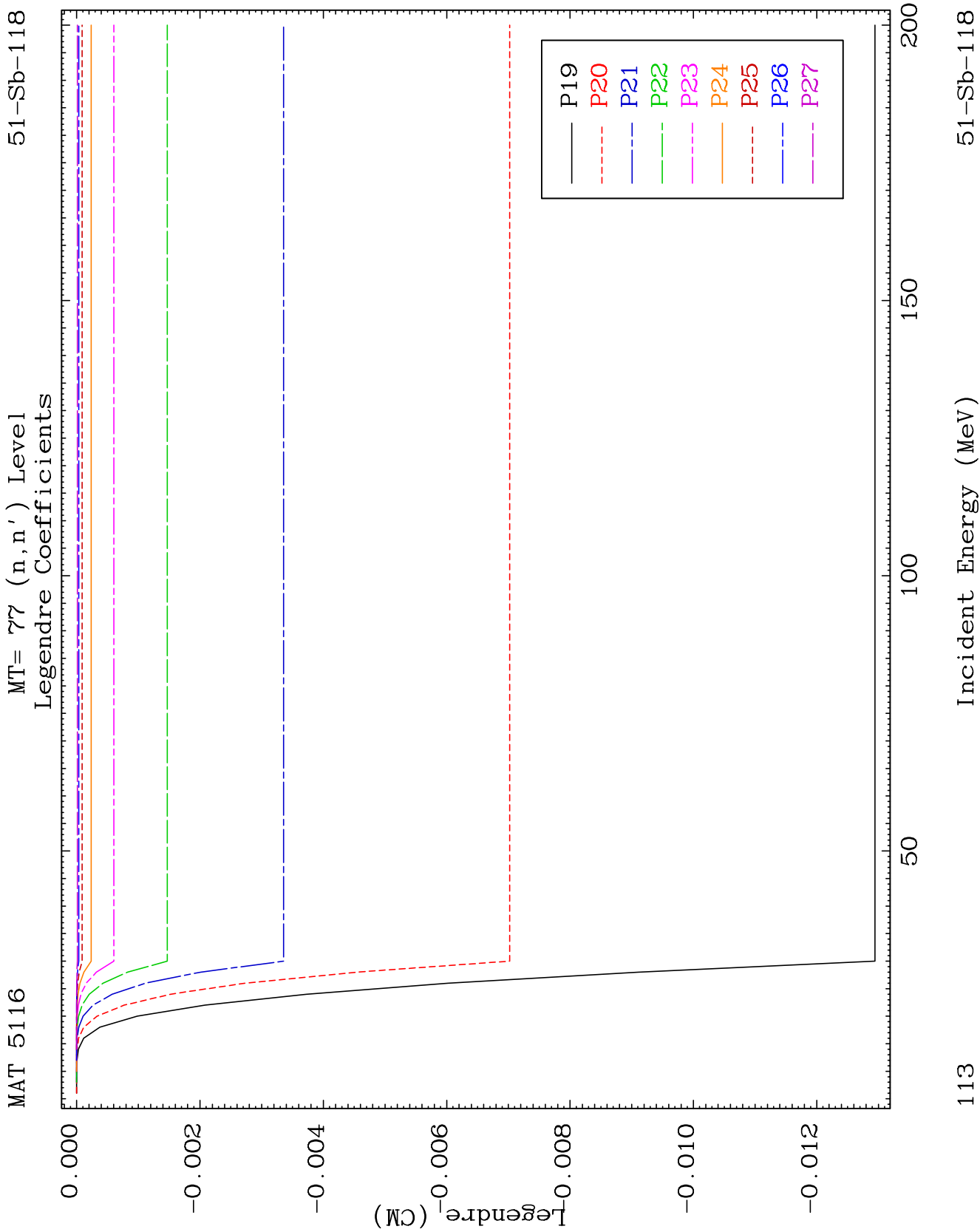
MAT 5116

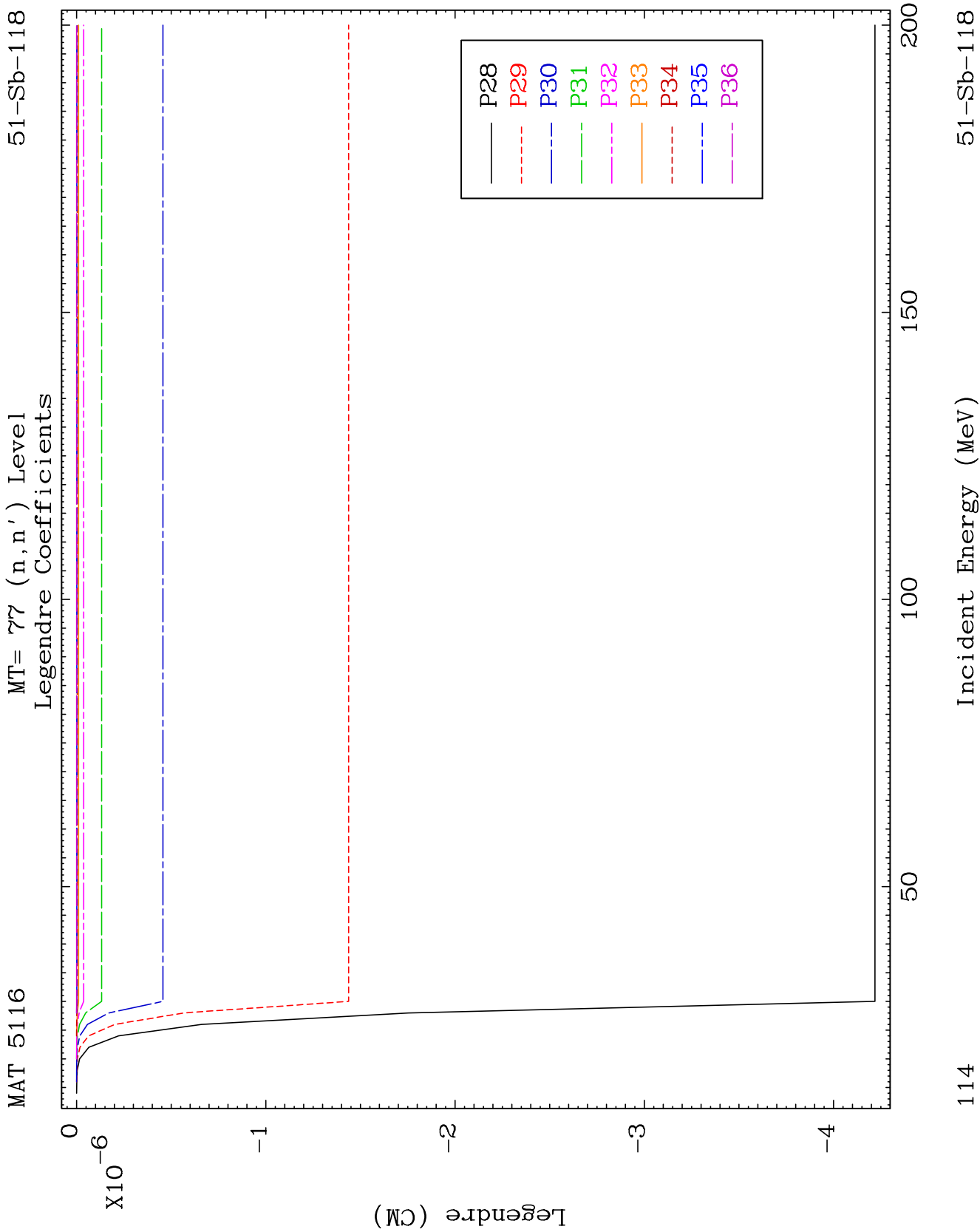
MT= 77 (n, n') Level
Legendre Coefficients

51-Sb-118





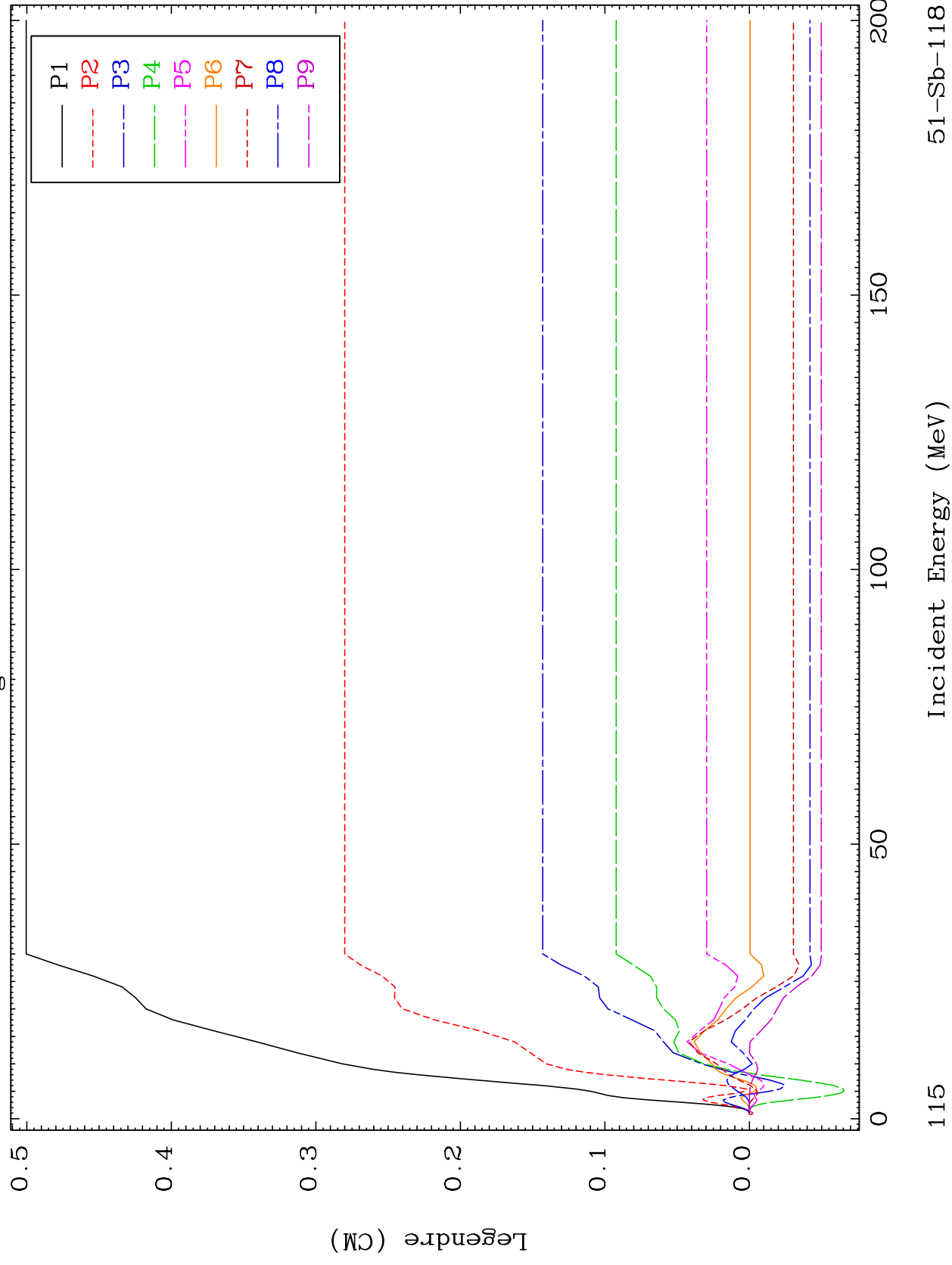


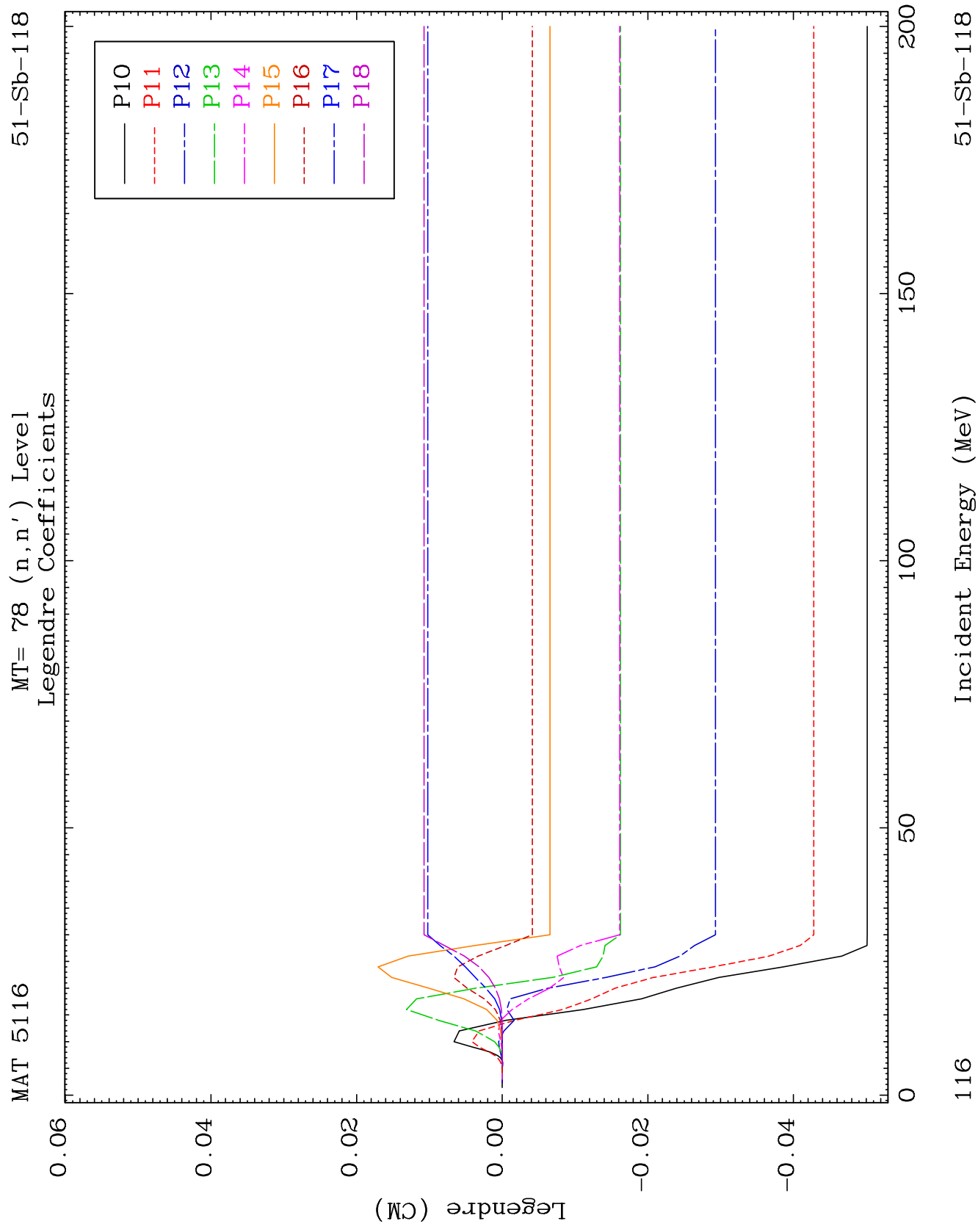


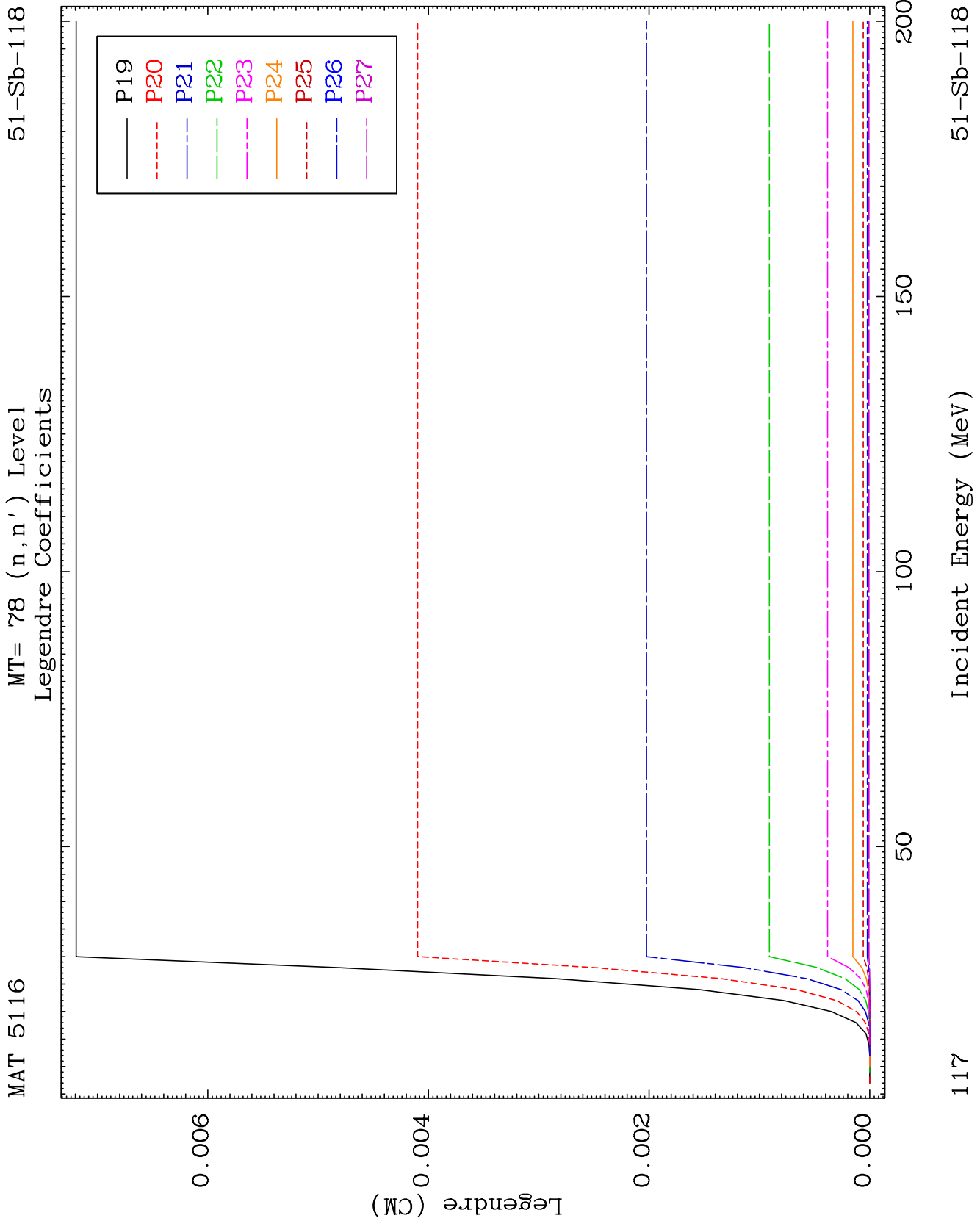
MAT 5116

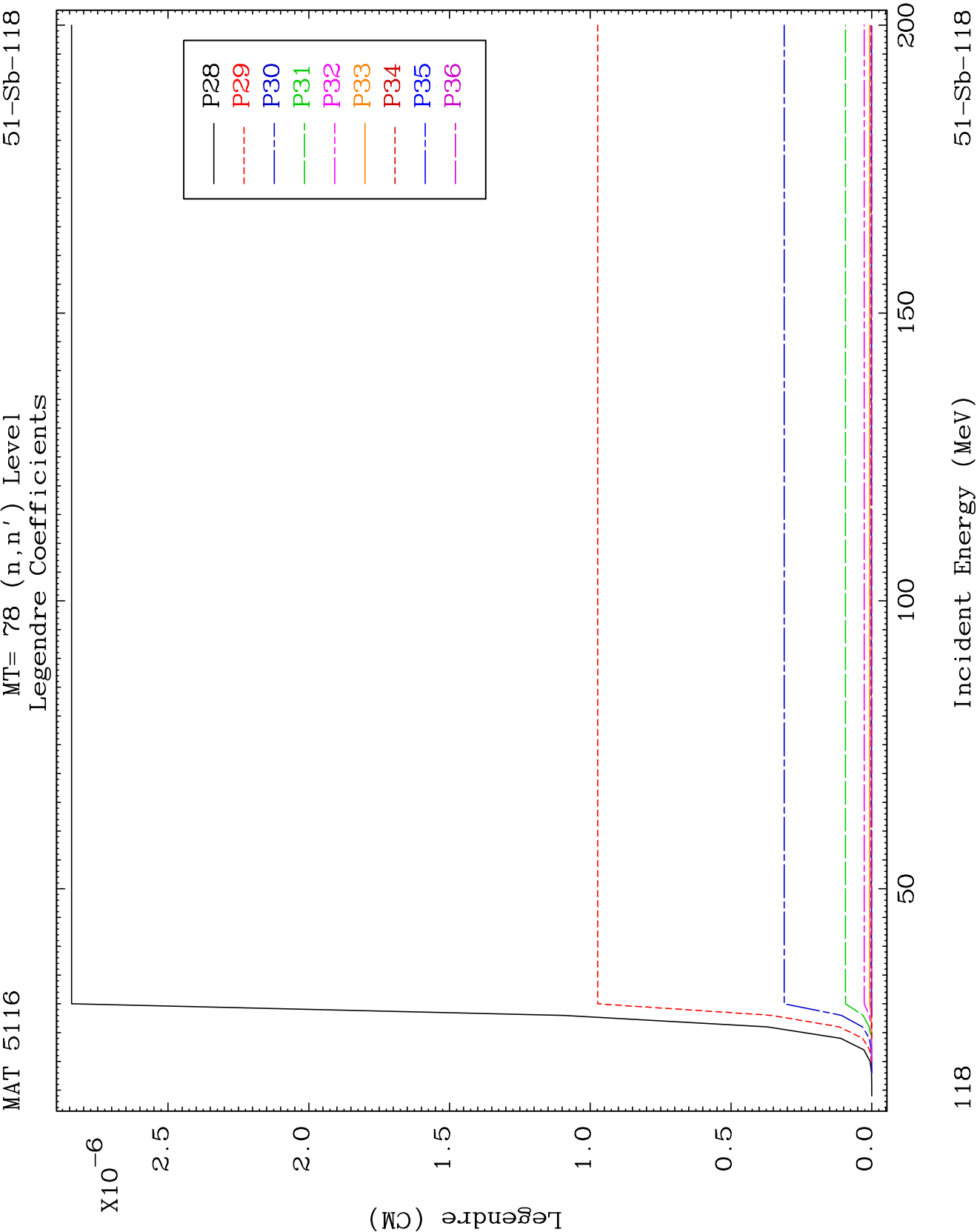
MT= 78 (n, n') Level
Legendre Coefficients

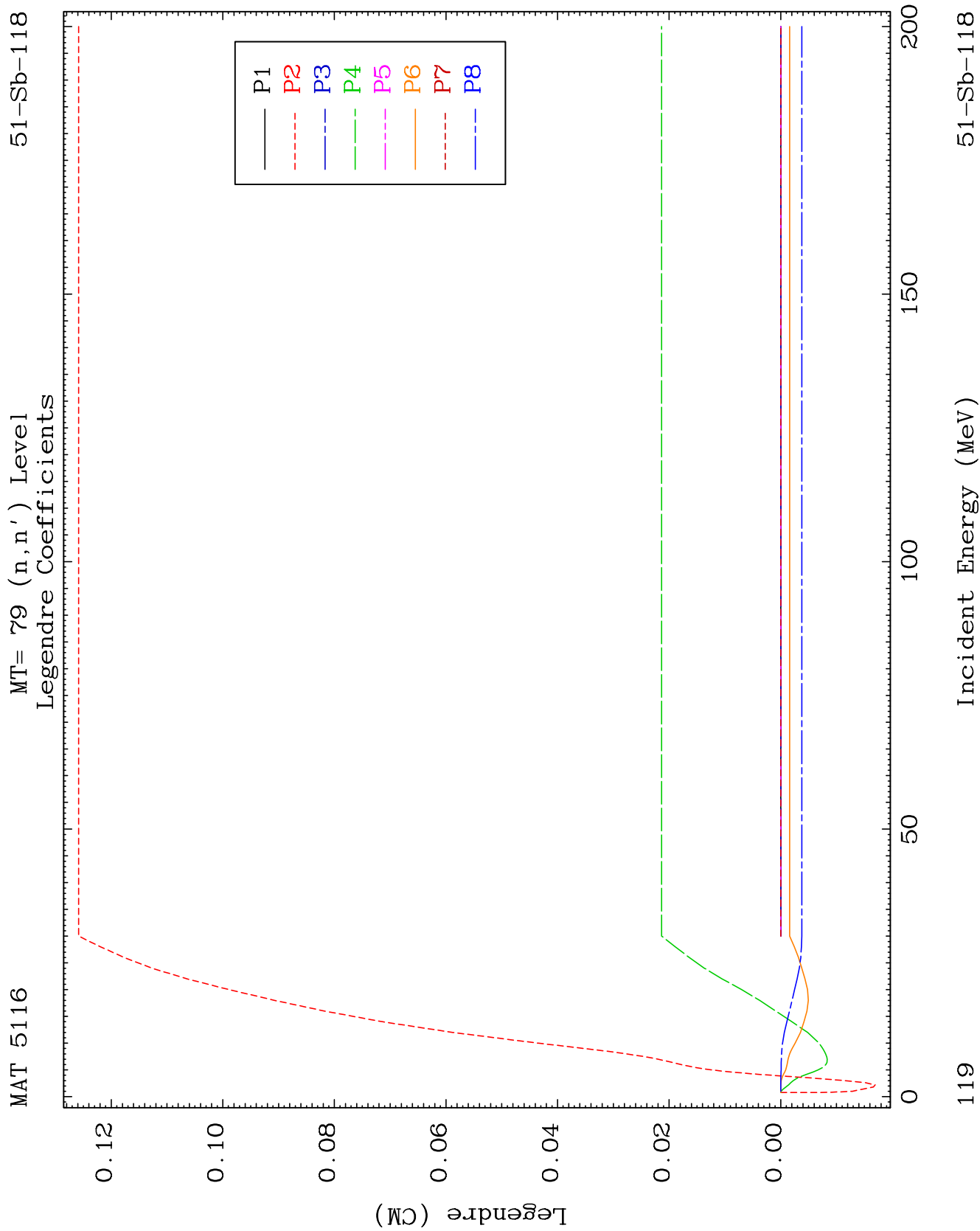
51-Sb-118

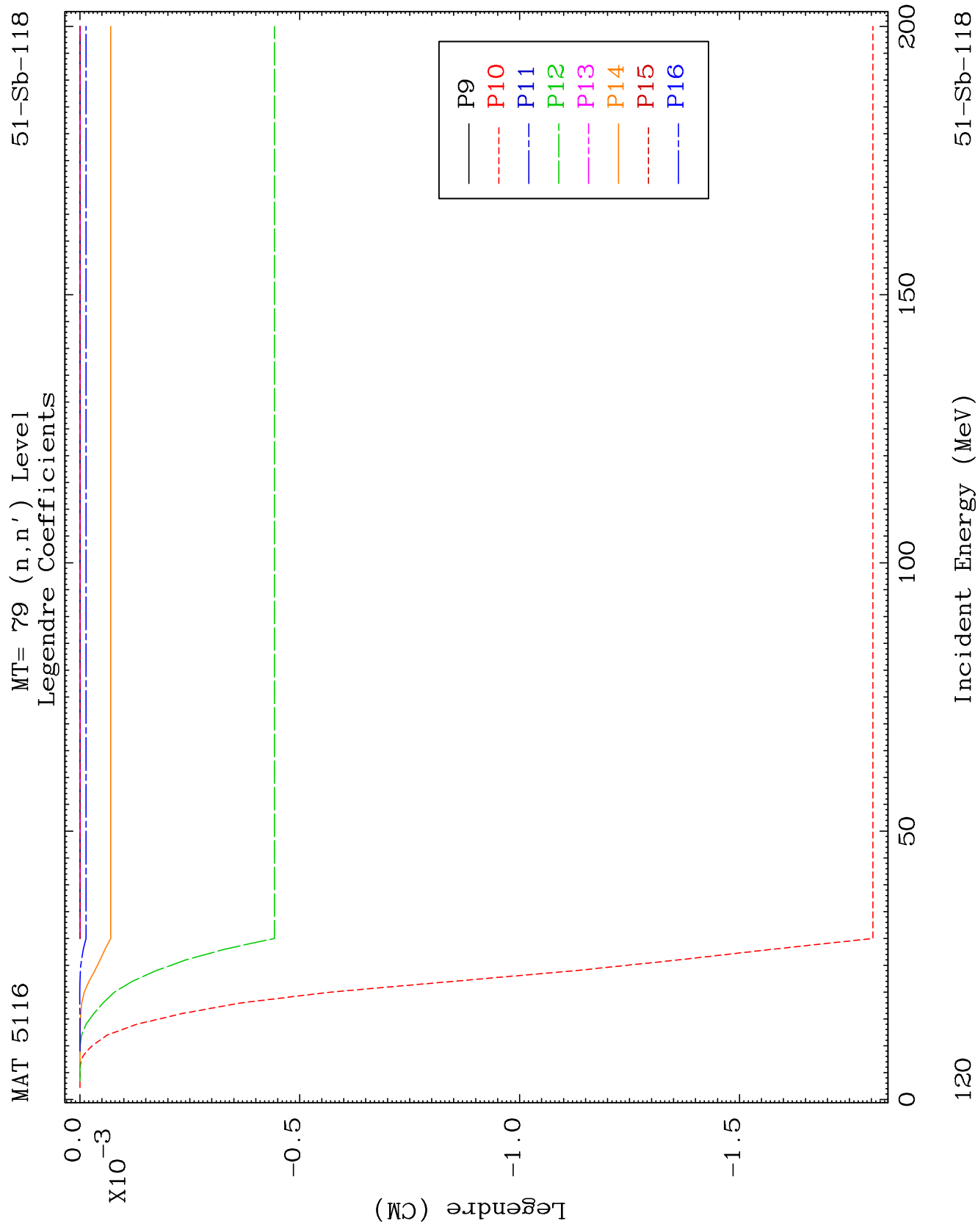








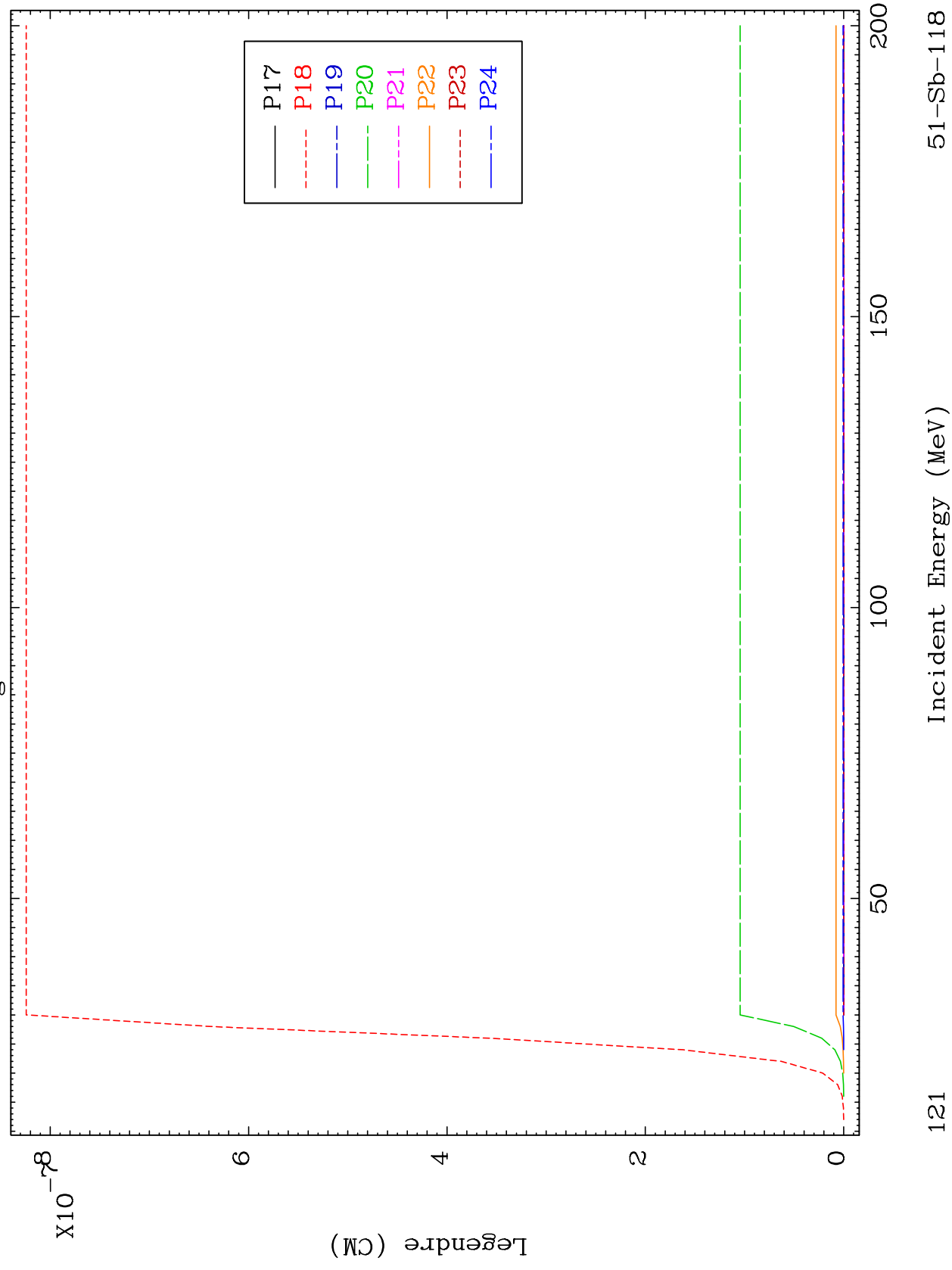


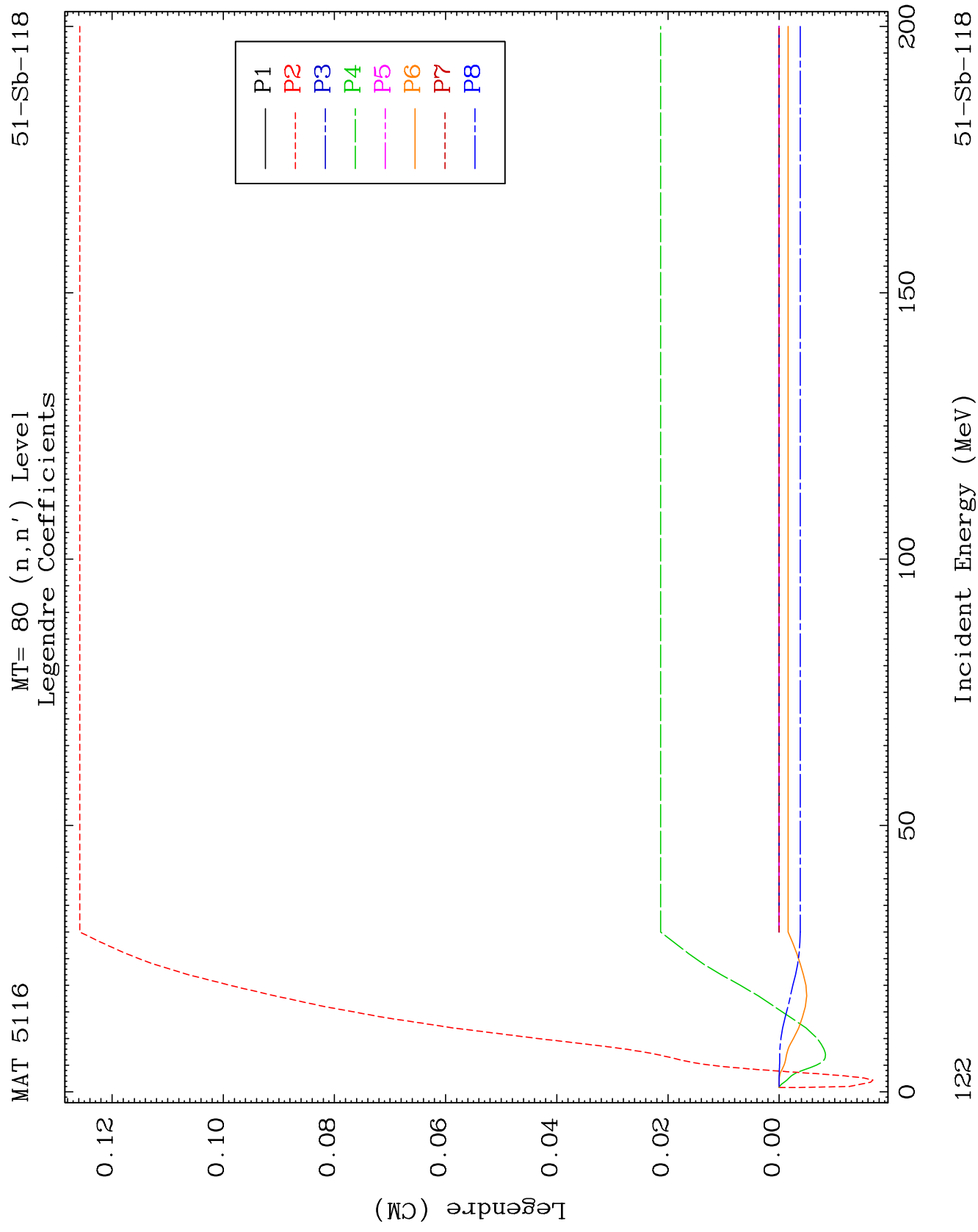


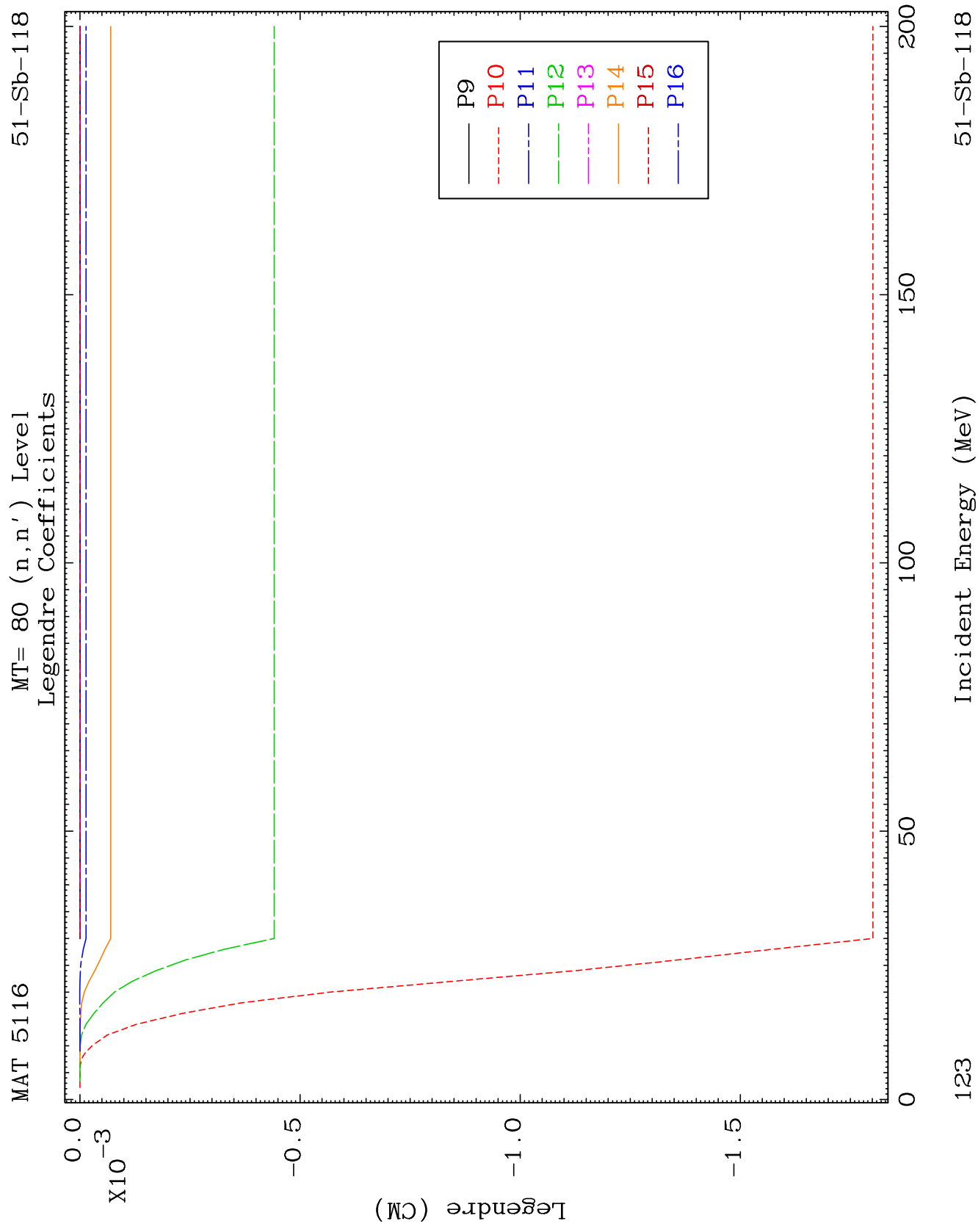
MAT 5116

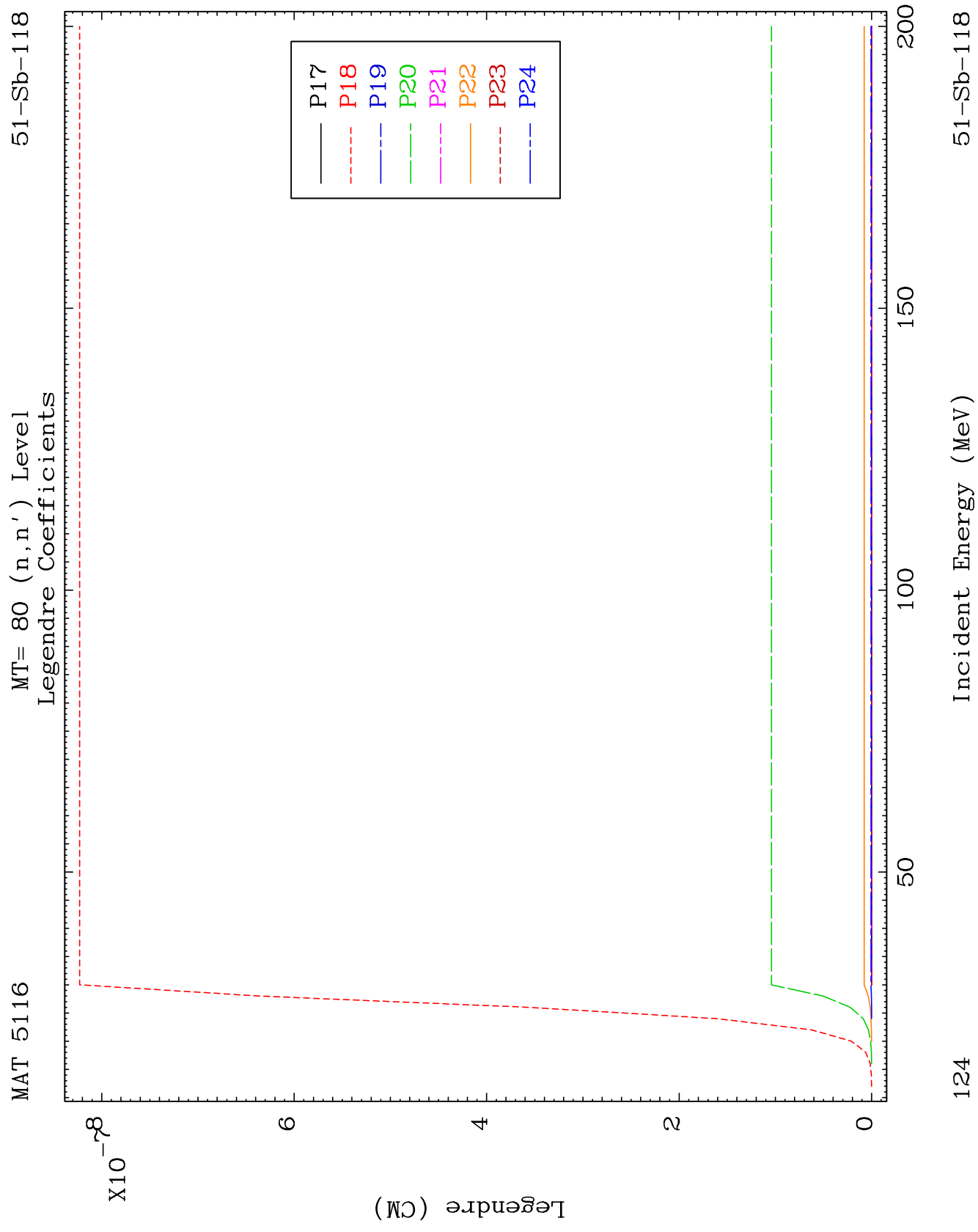
MT= 79 (n, n') Level
Legendre Coefficients

51-Sb-118

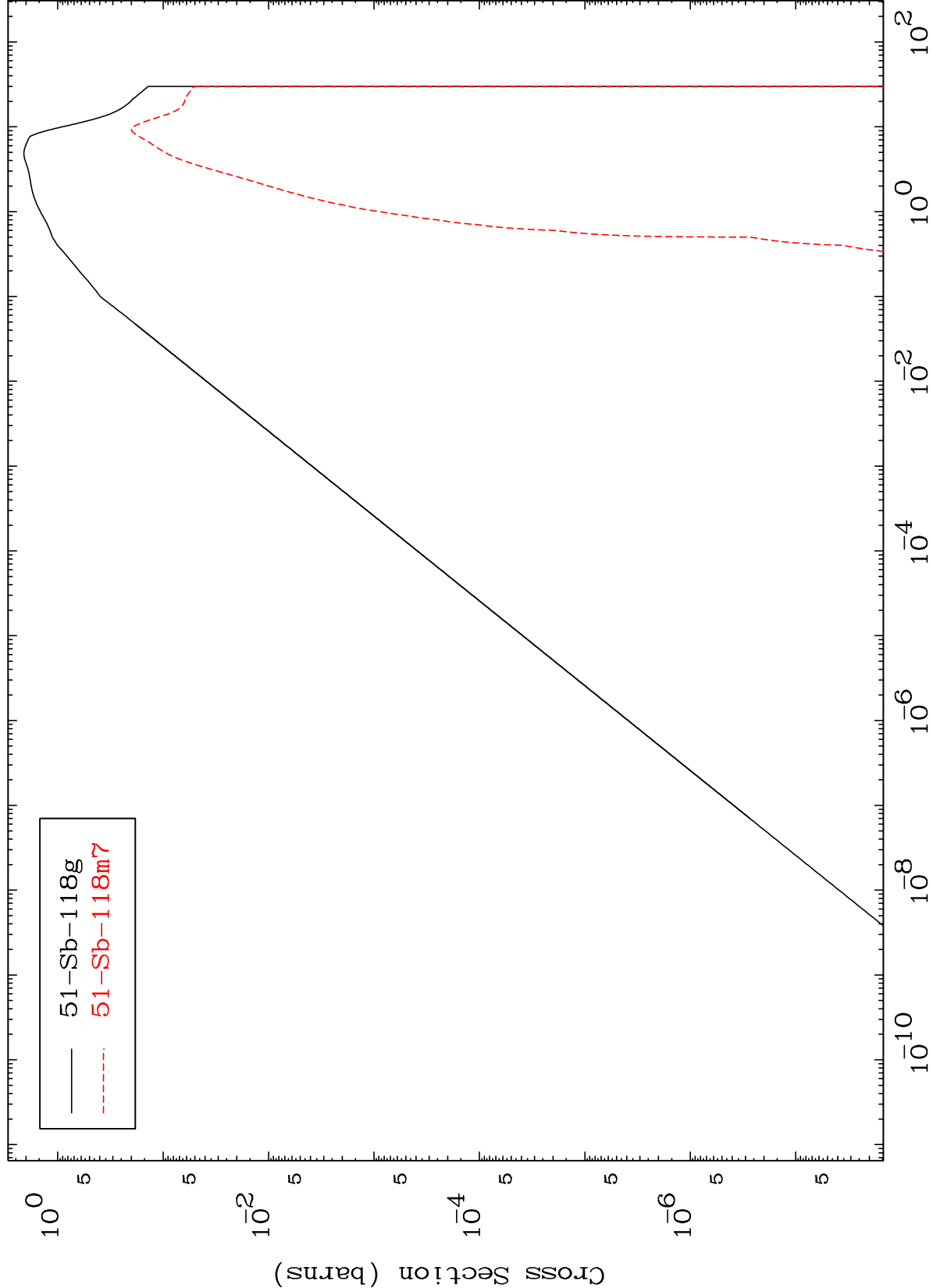


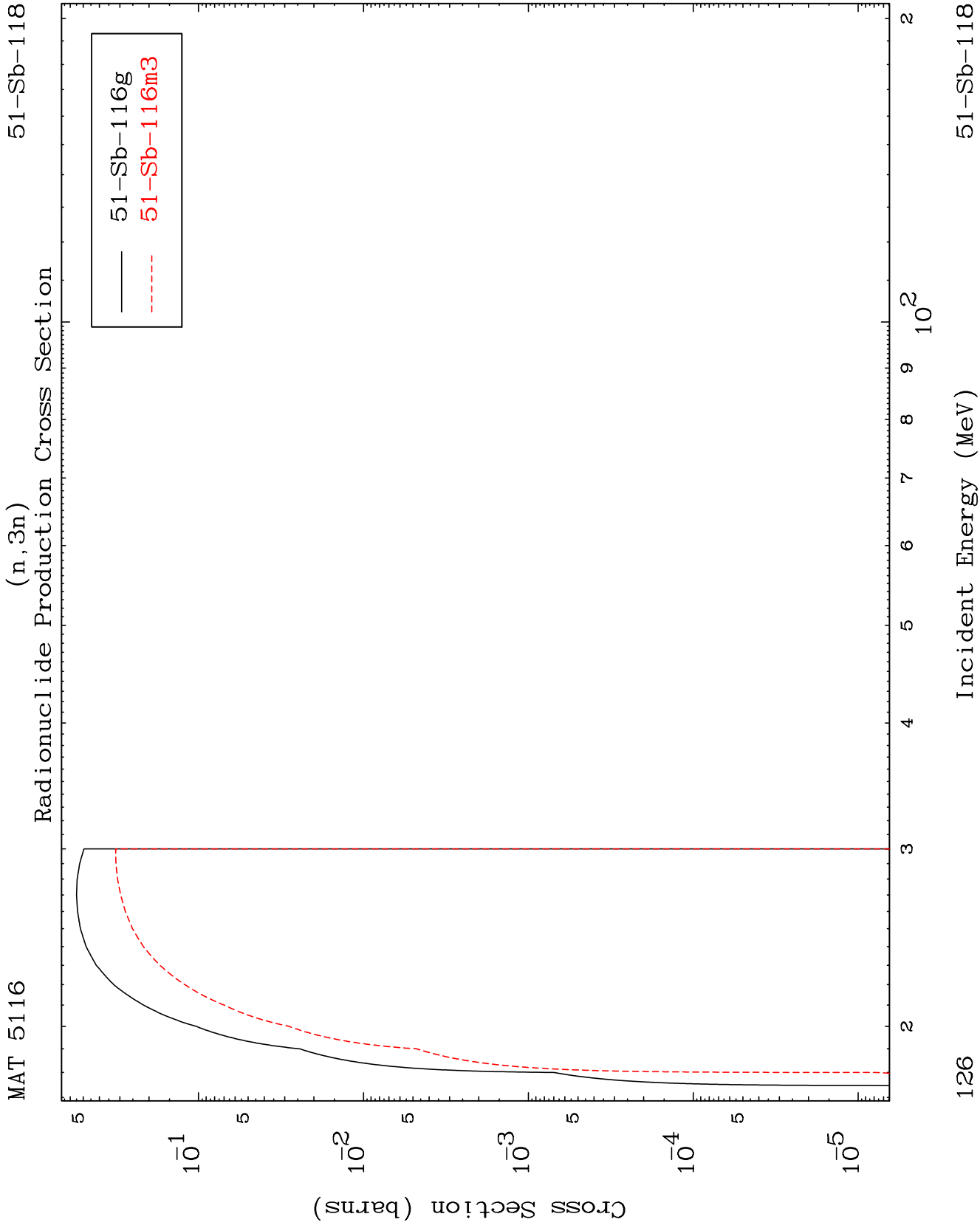






Inelastic
Radionuclide Production Cross Section



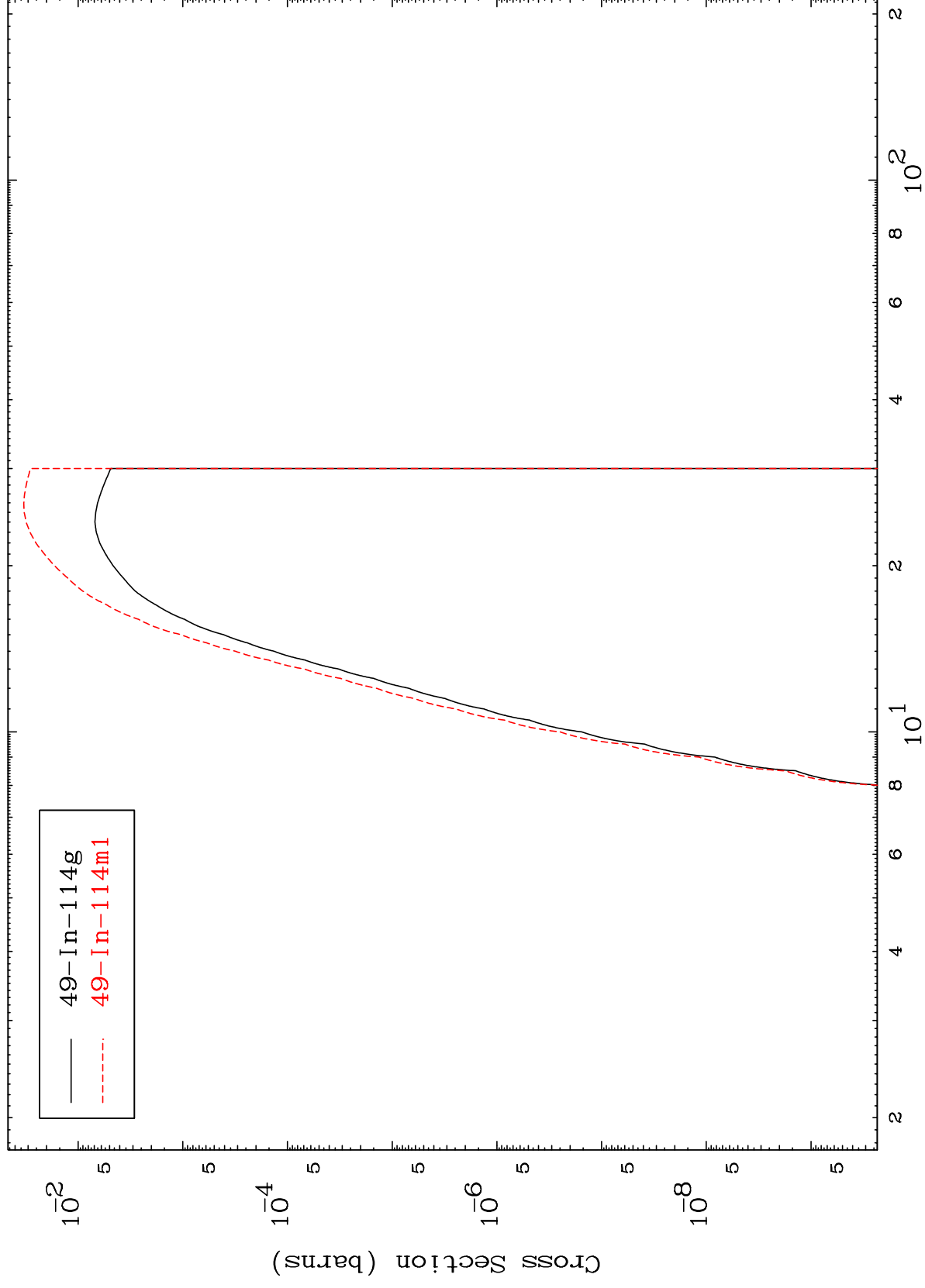


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$$(n, n') \propto$$

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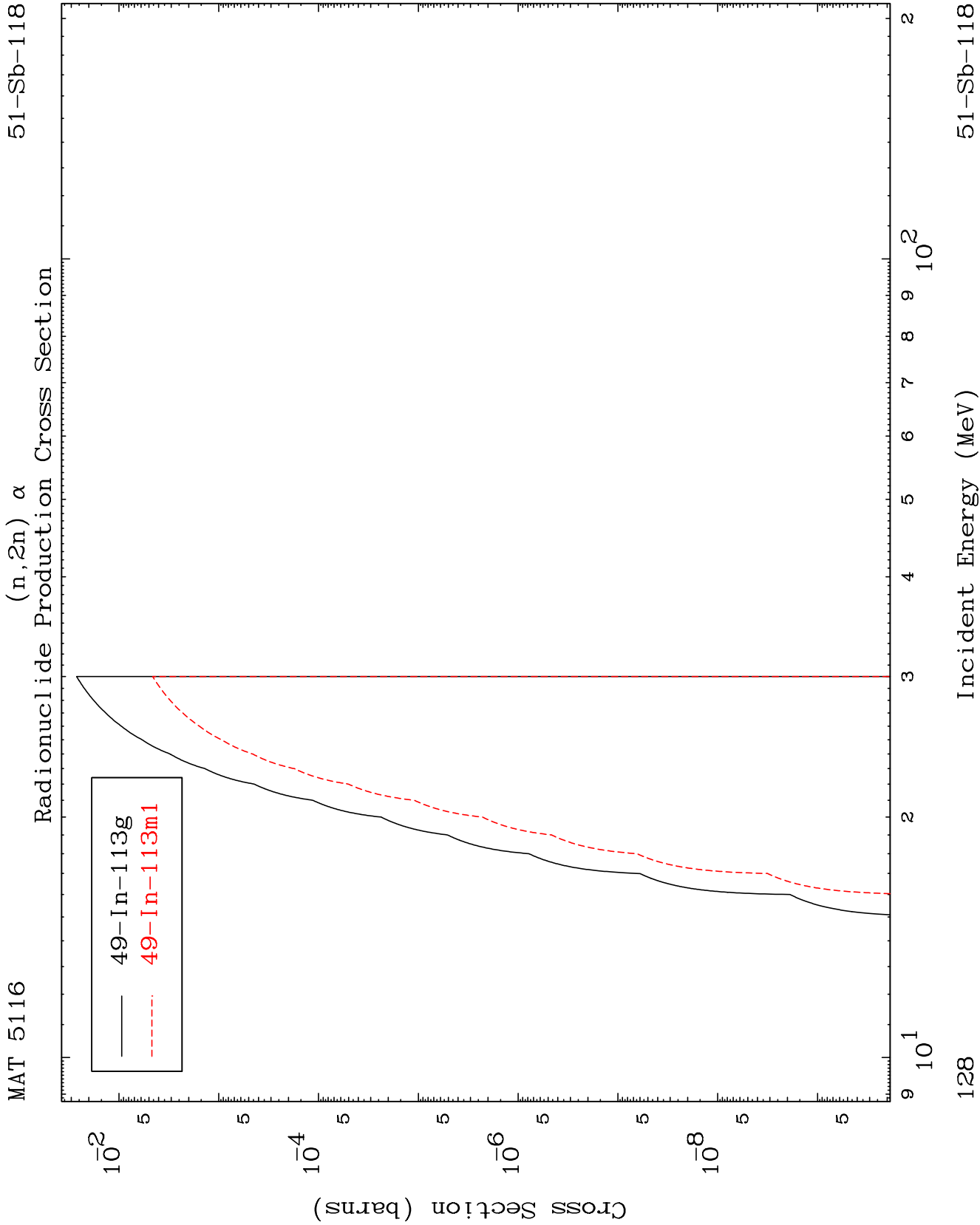
Radionuclide Production Cross Section

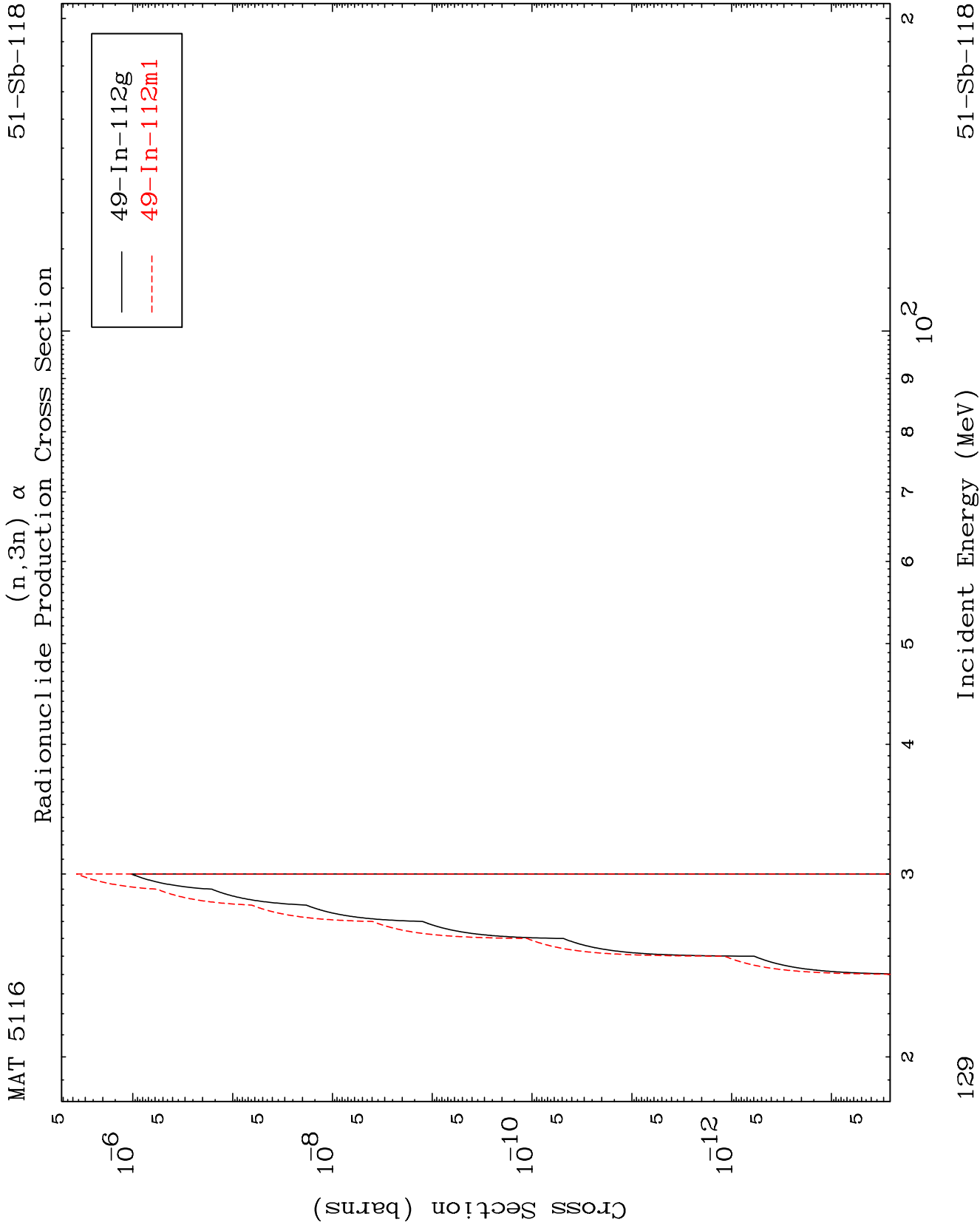


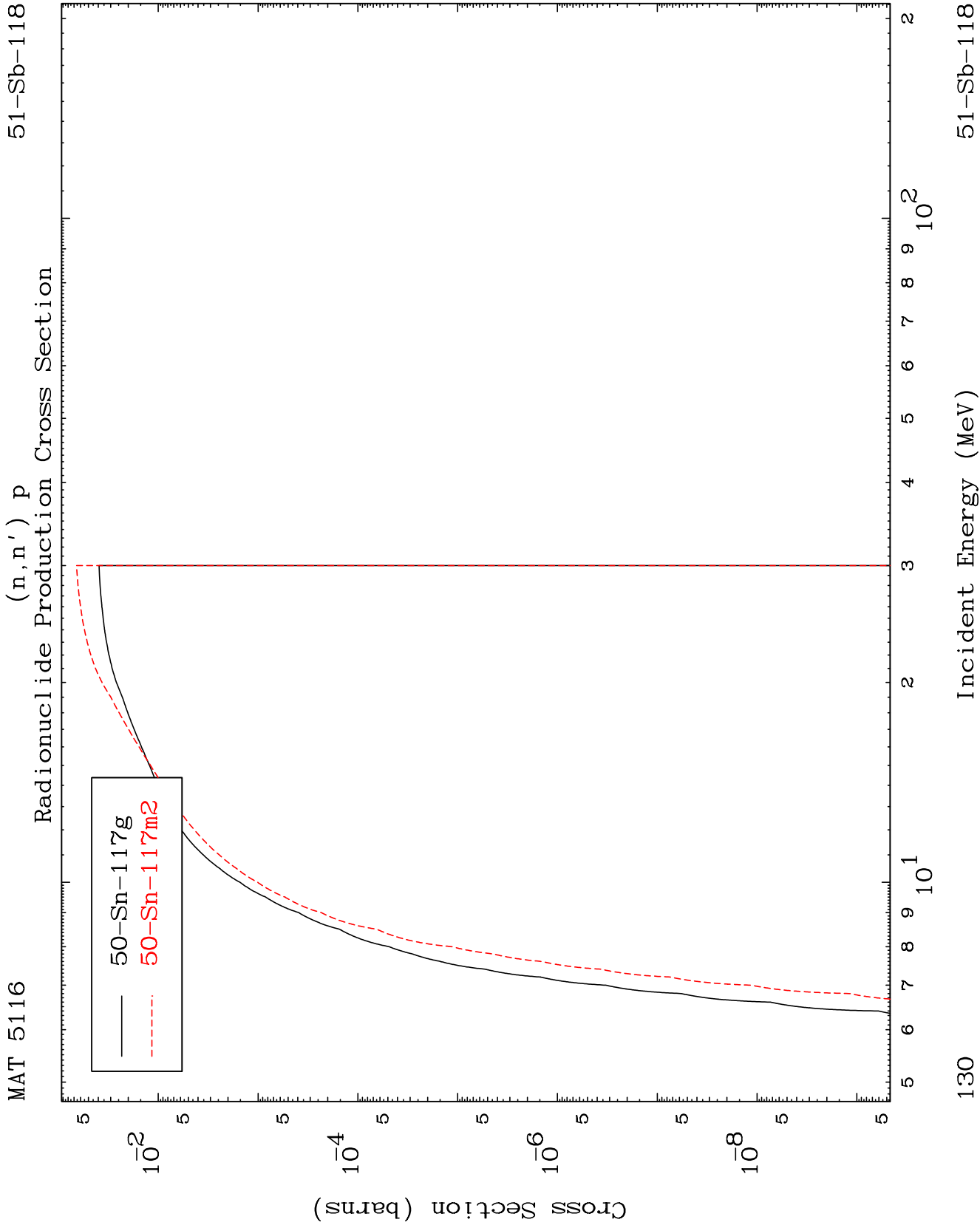
127

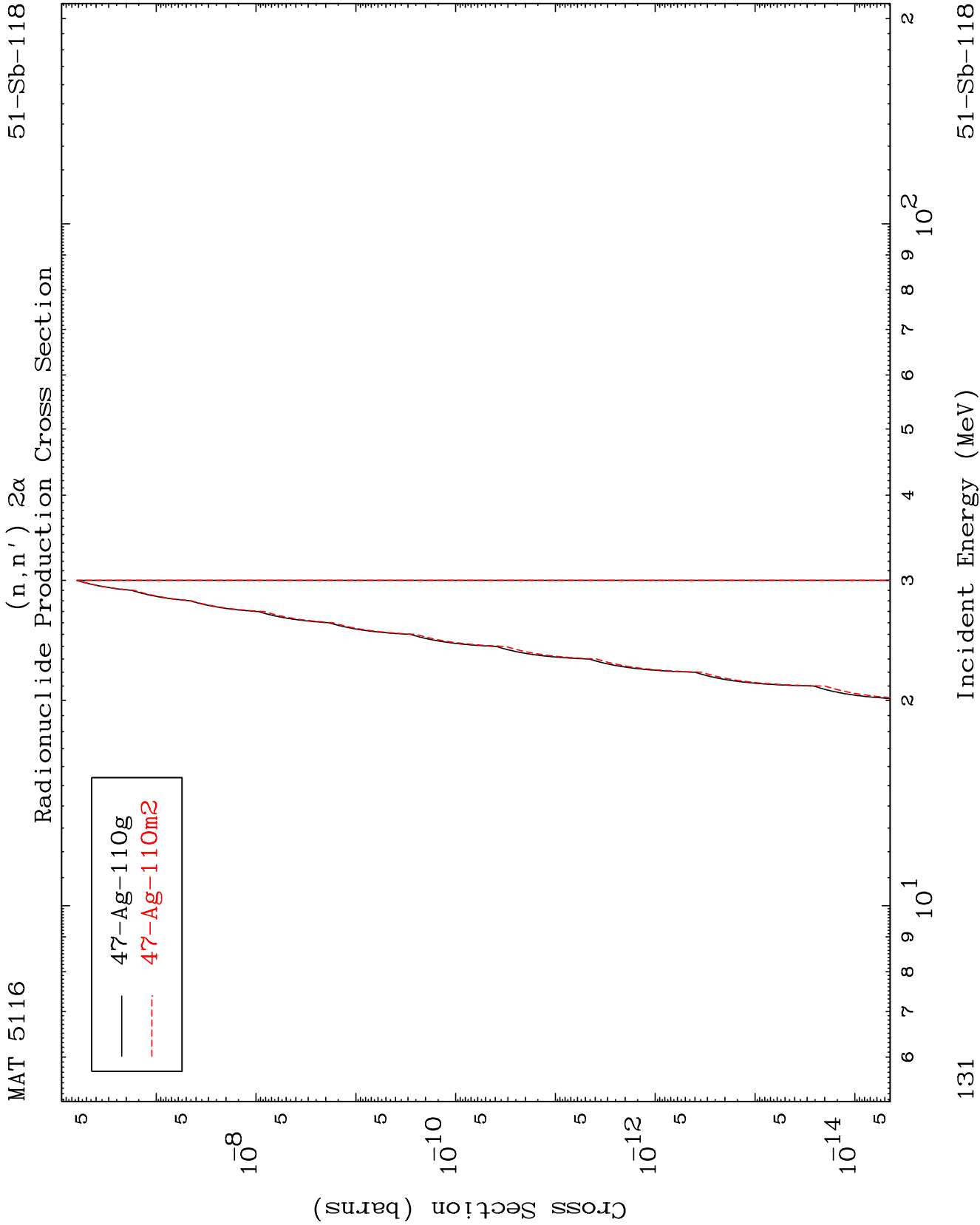
Incident Energy (MeV)

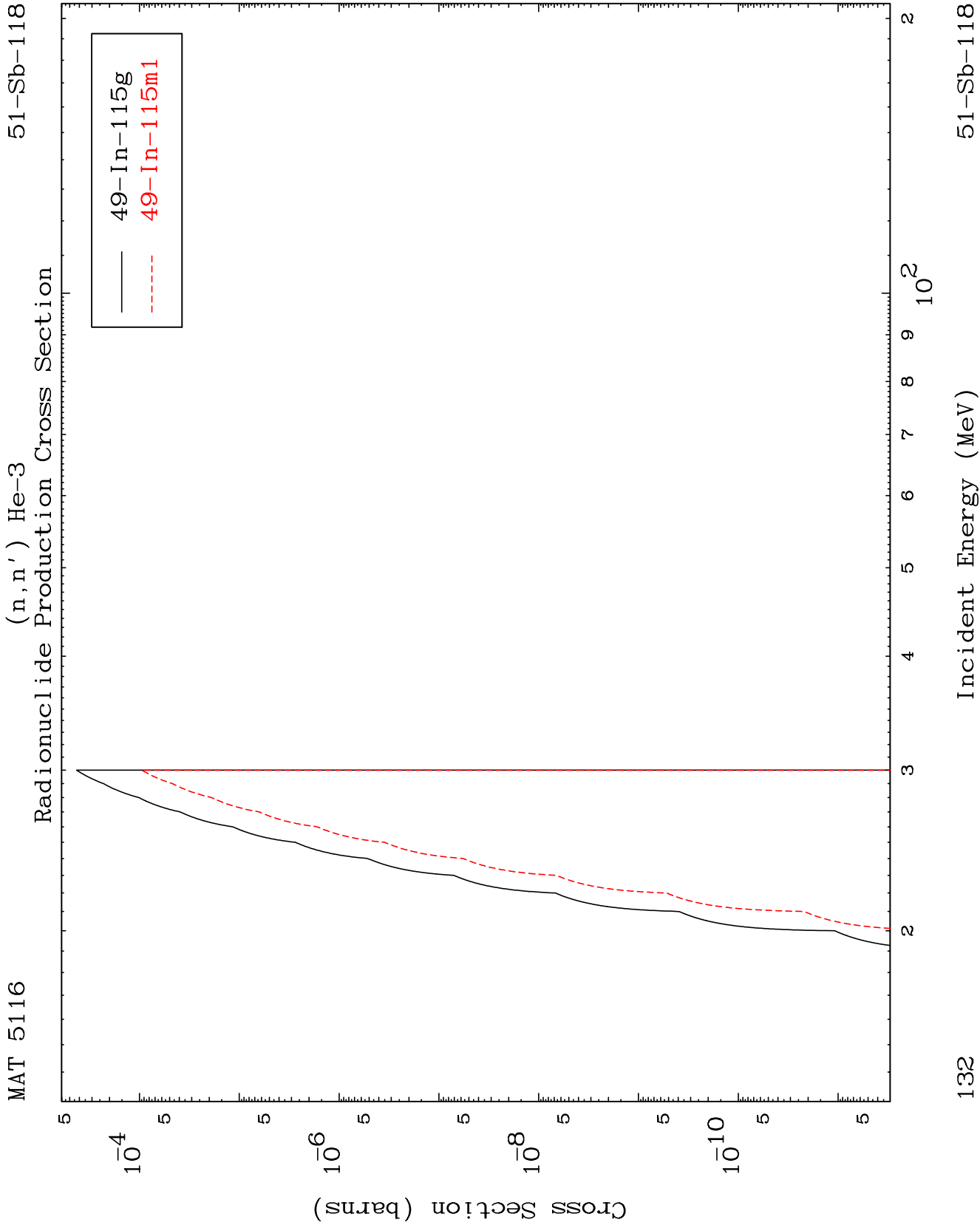
51-Sb-118

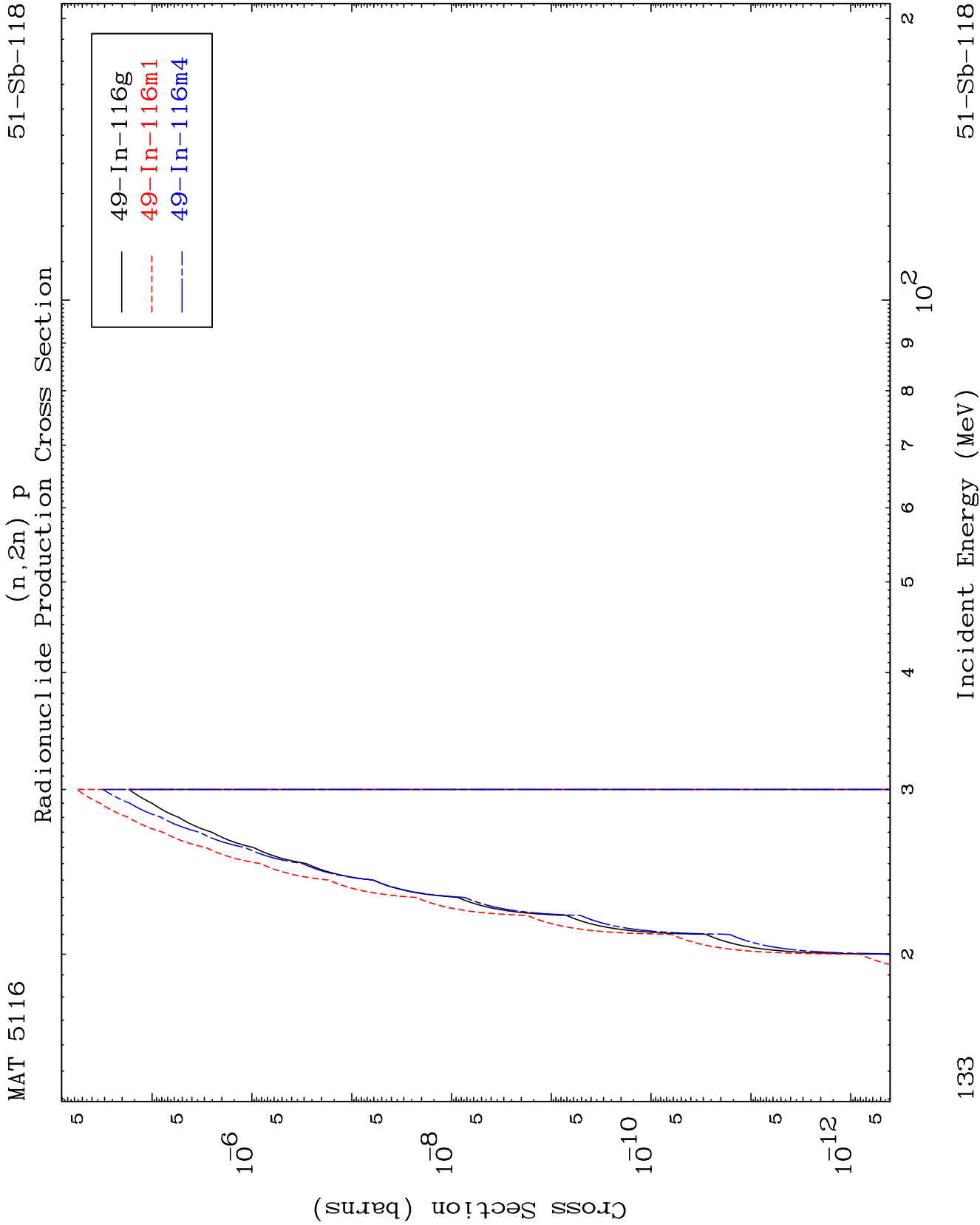


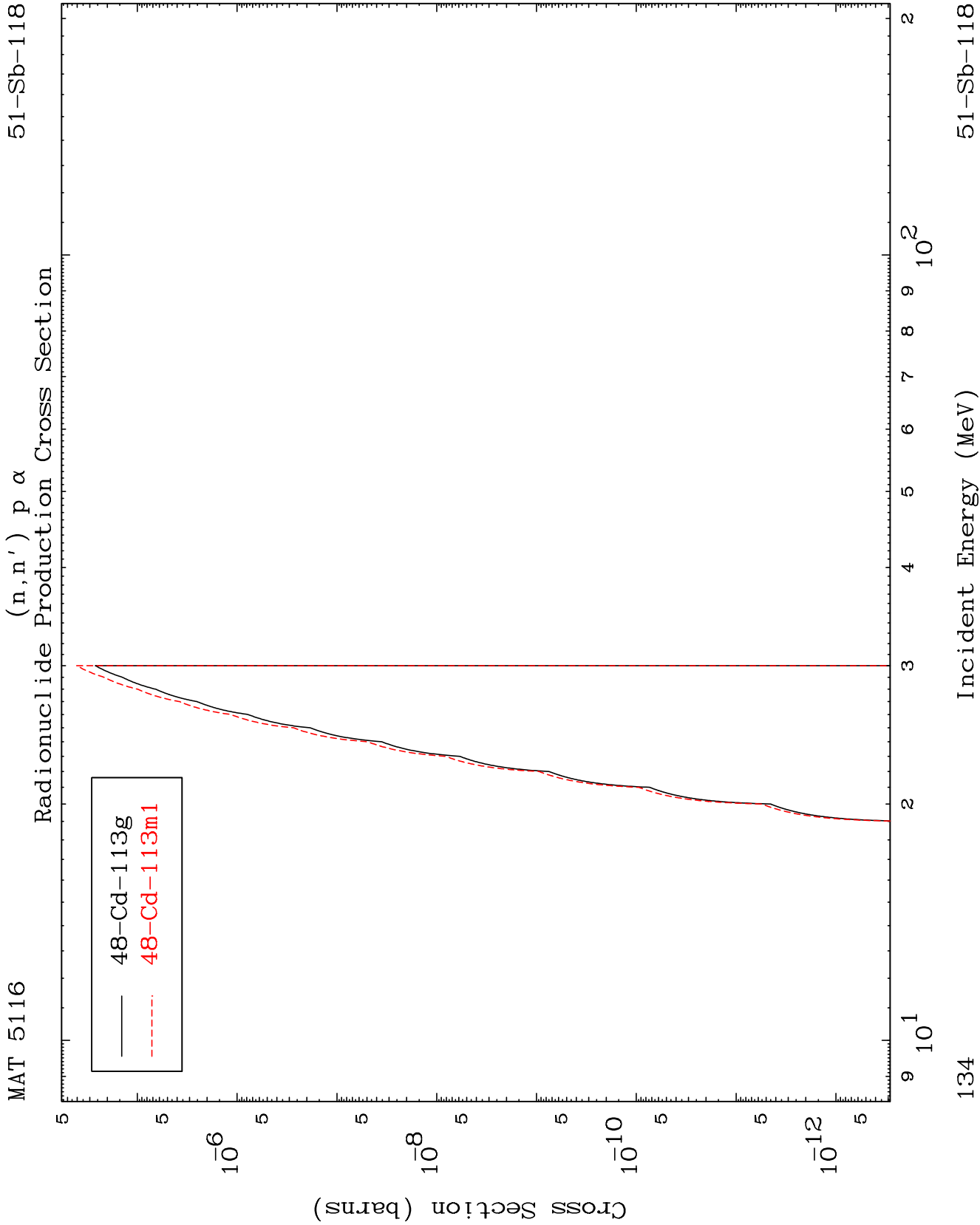


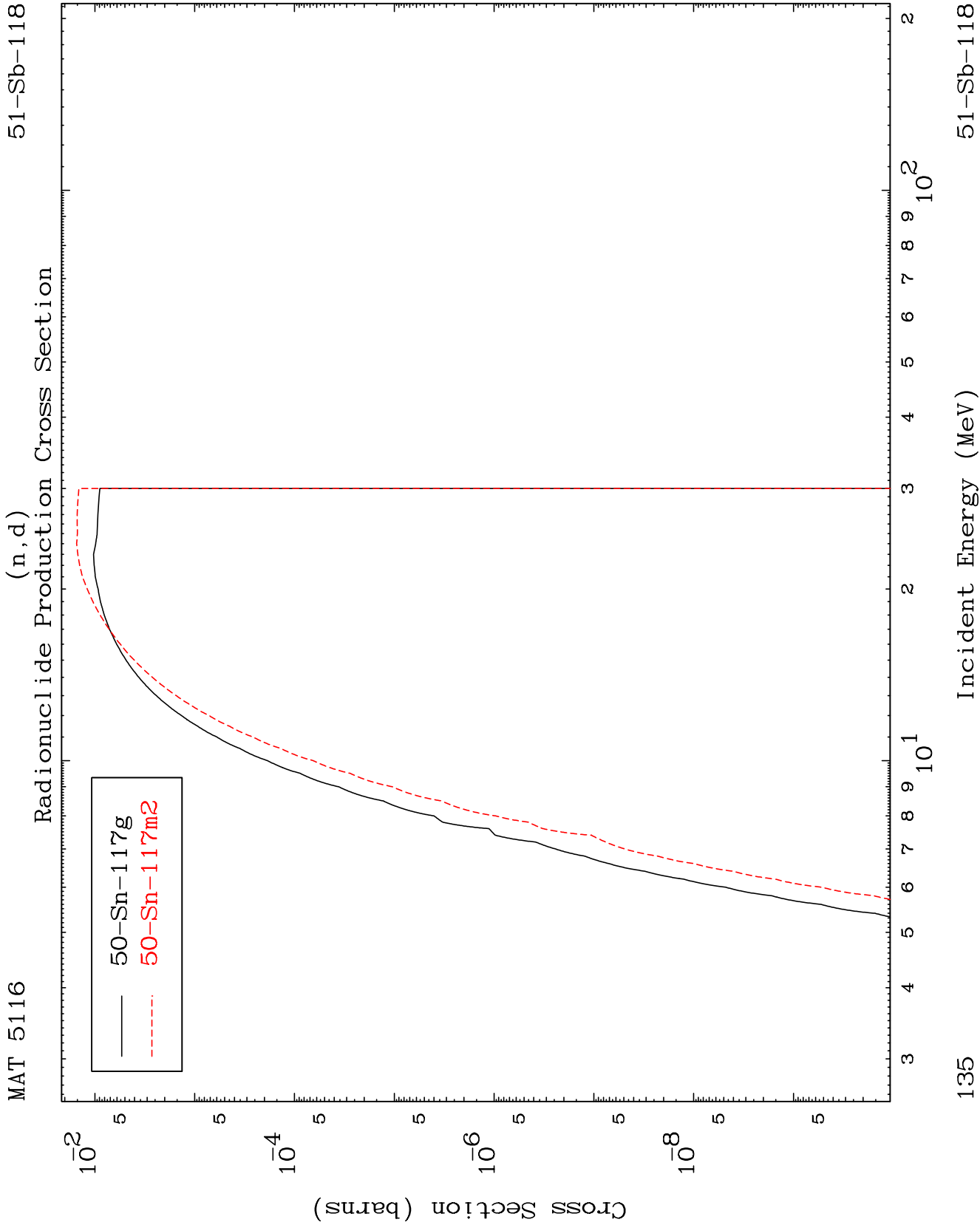


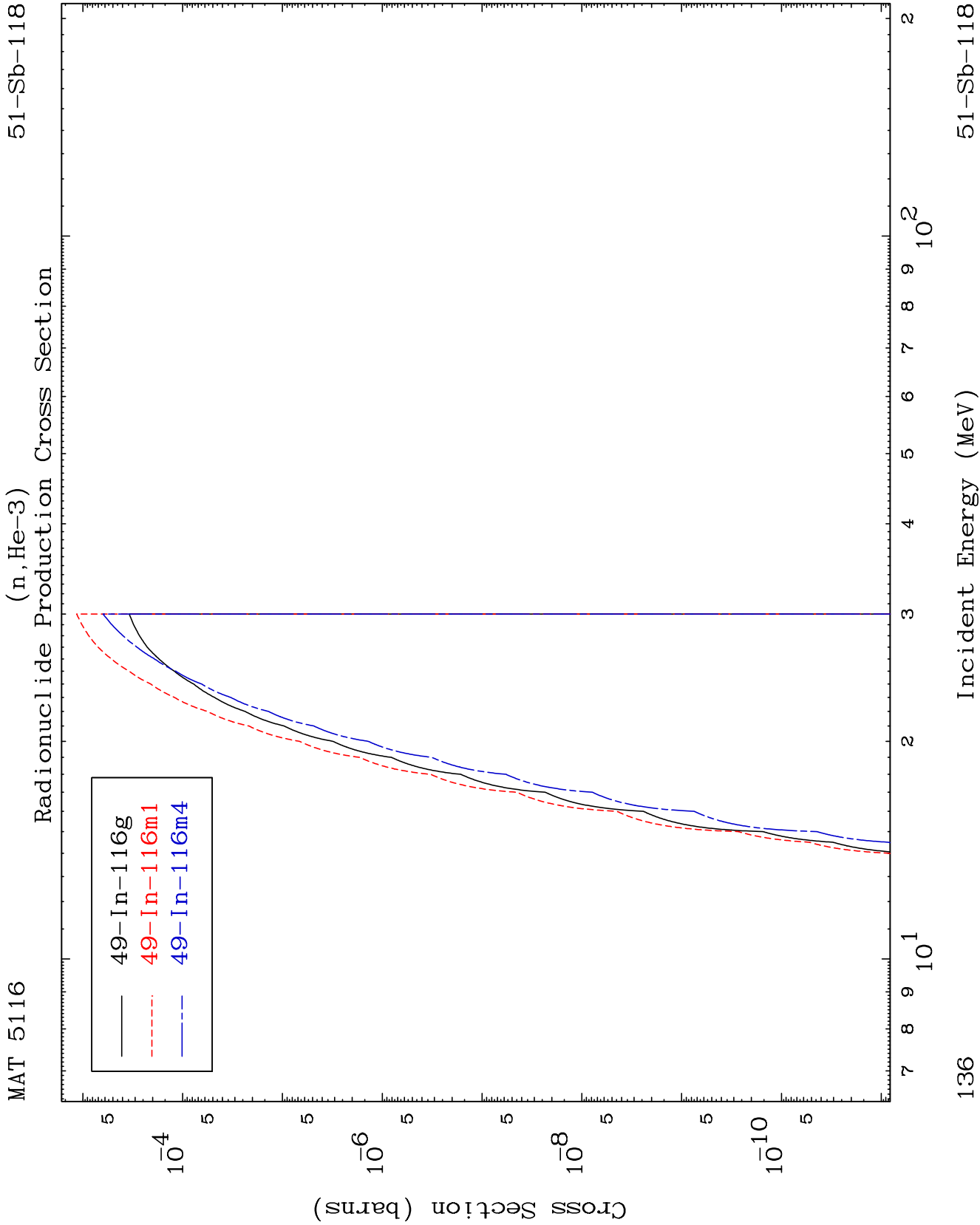








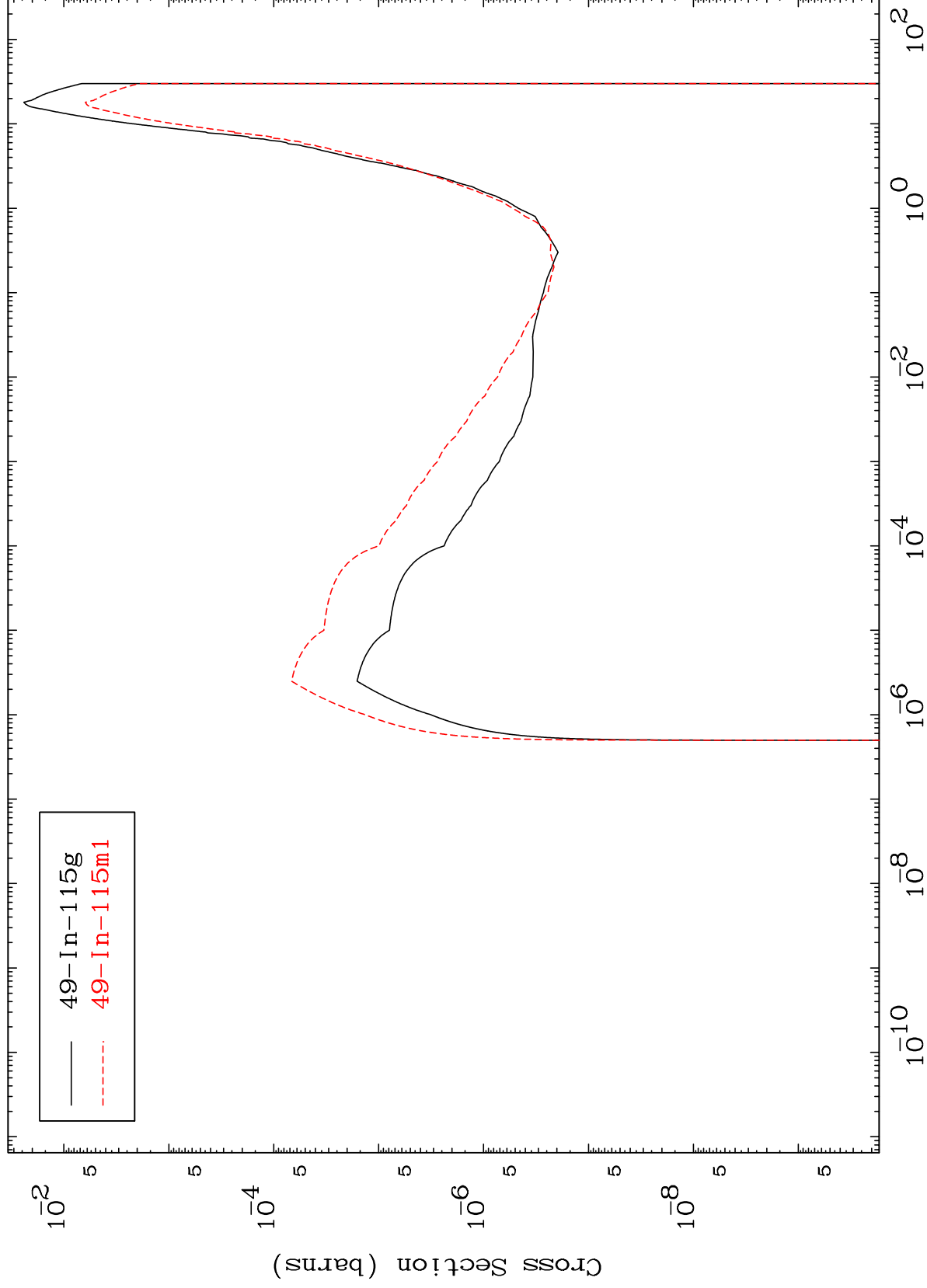




MAT 5116

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(n,α)
Radionuclide Production Cross Section



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