

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

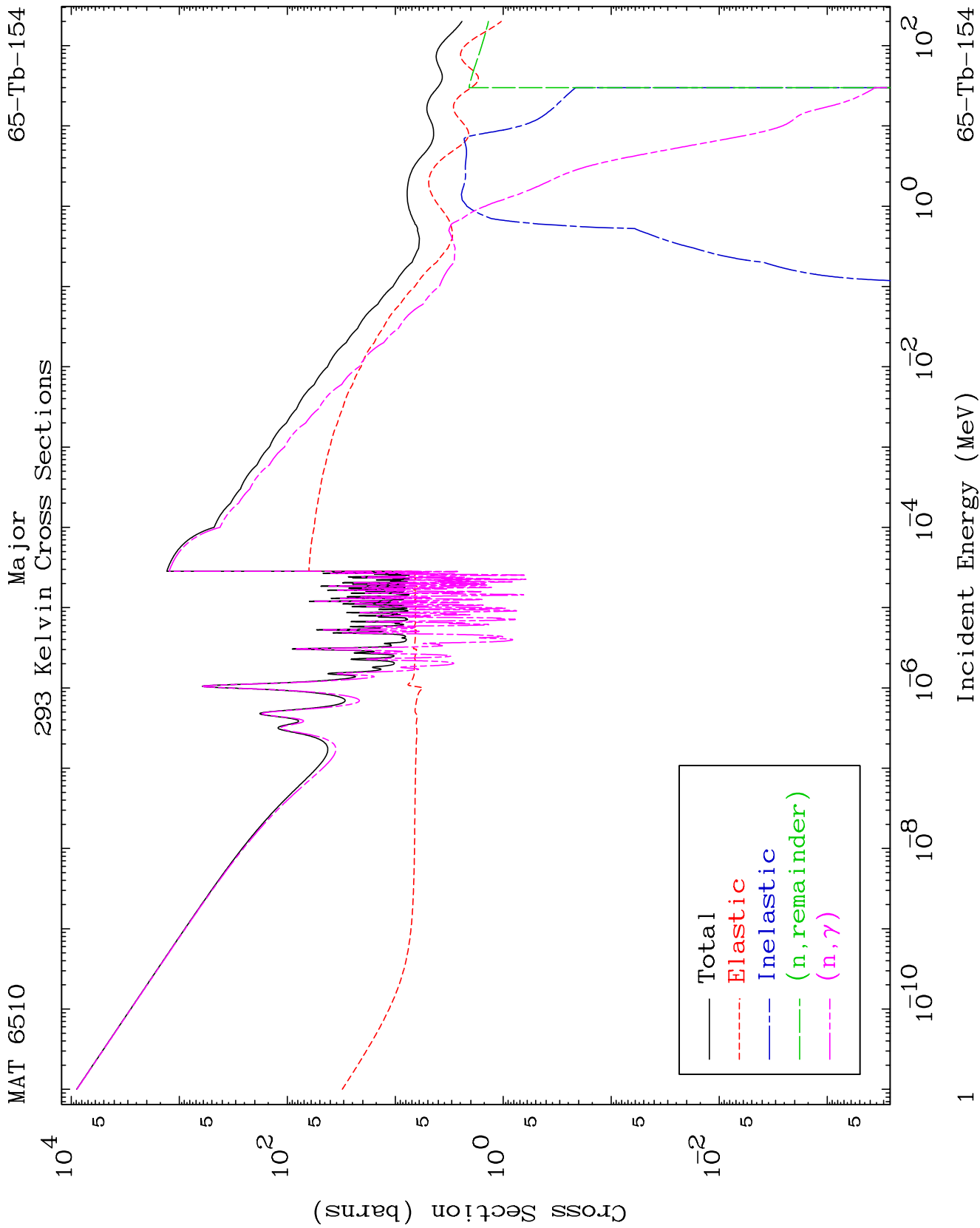
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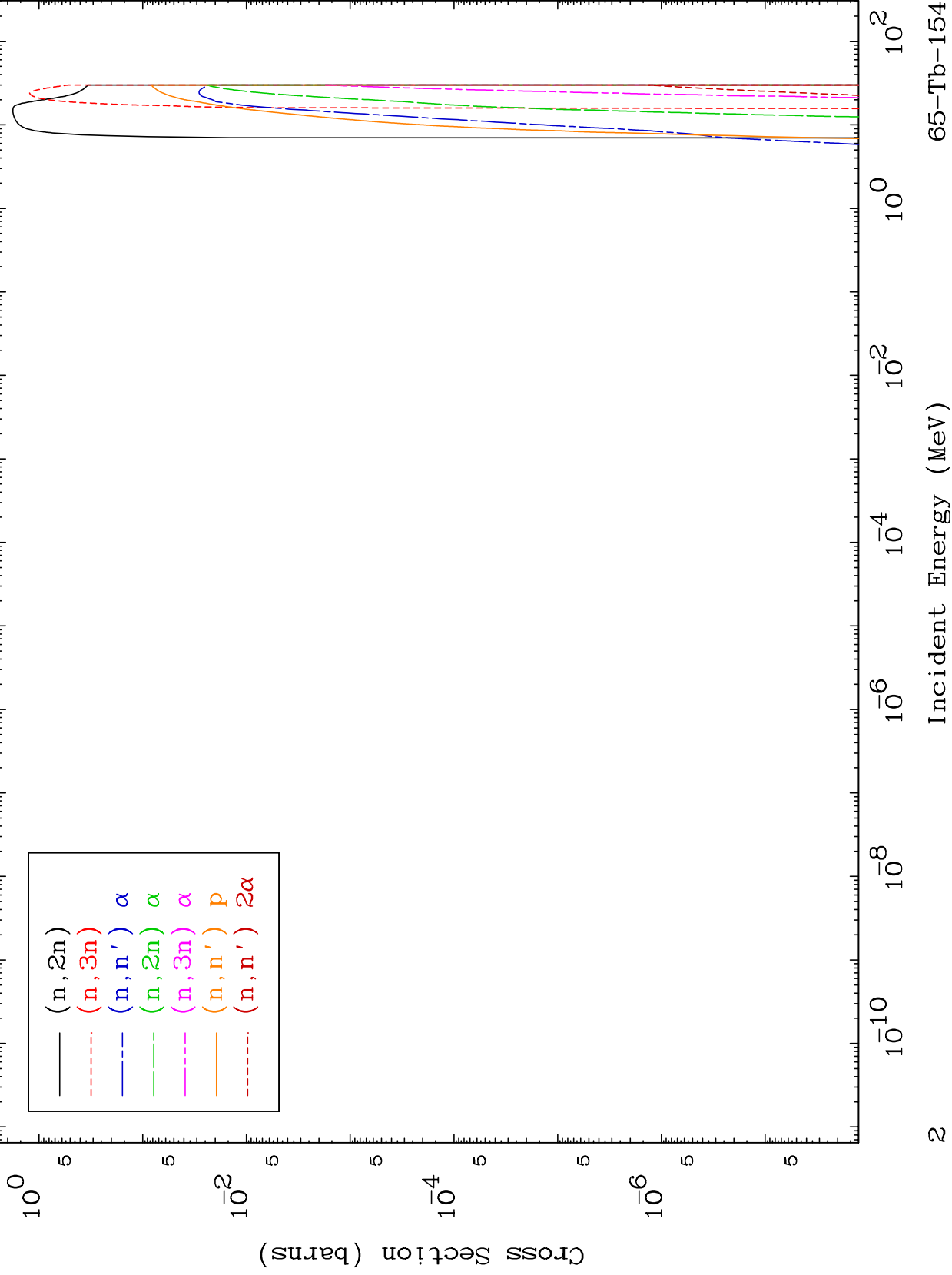
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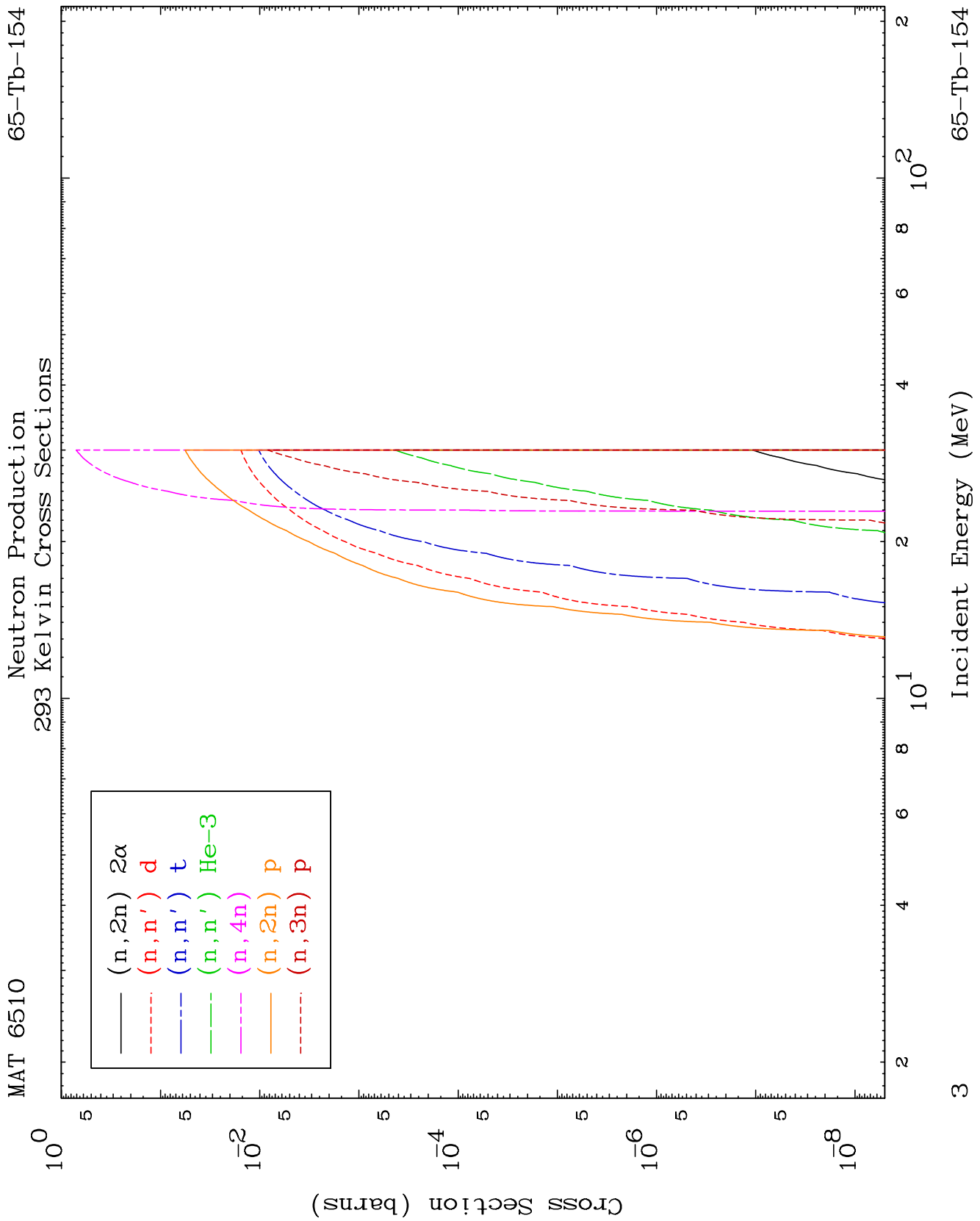


MAT 6510

Neutron Production
293 Kelvin Cross Sections

65-Tb-154

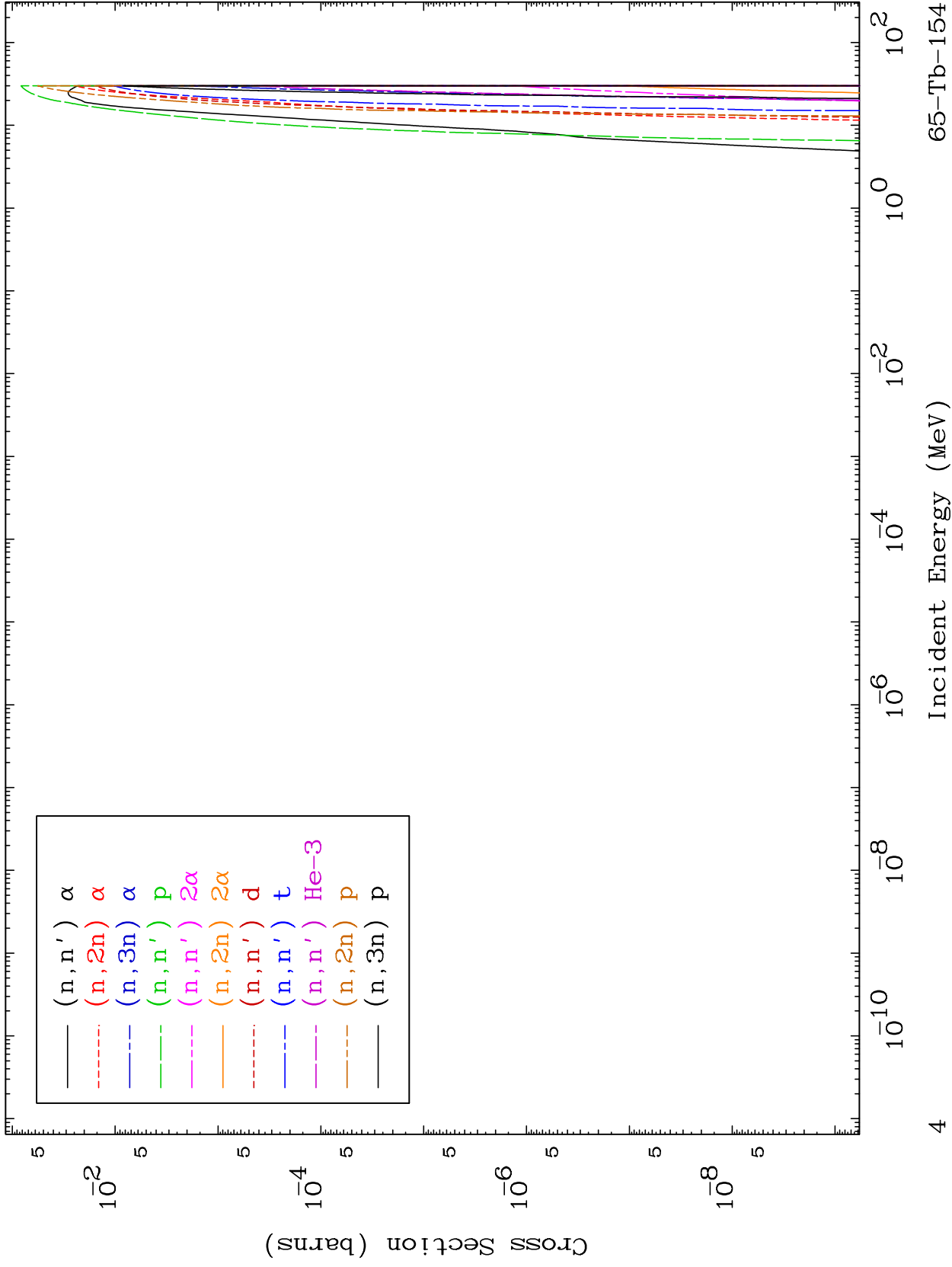




MAT 6510

Charged Particle
293 Kelvin Cross Sections

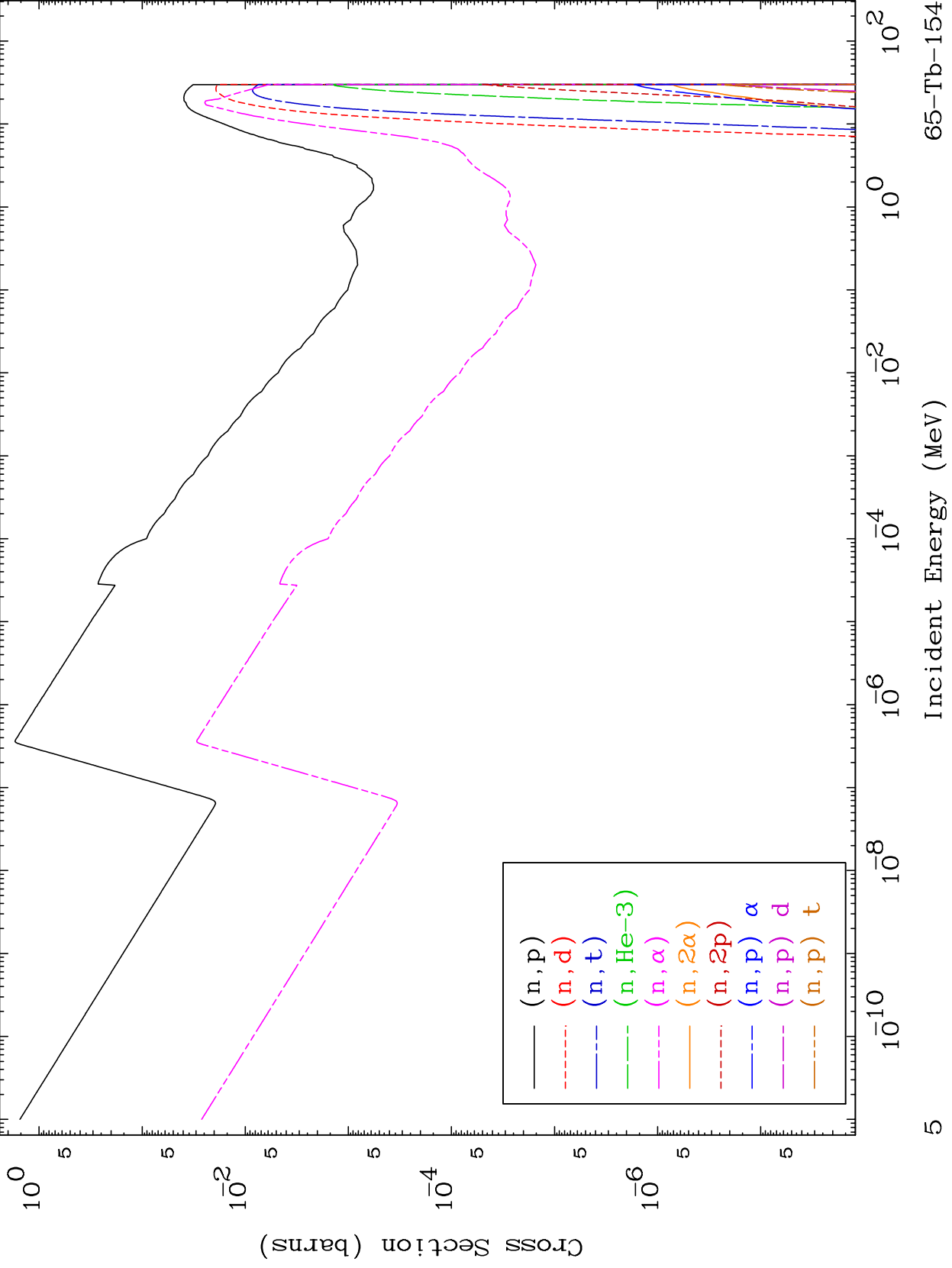
65-Tb-154



MAT 6510

Charged Particle
293 Kelvin Cross Sections

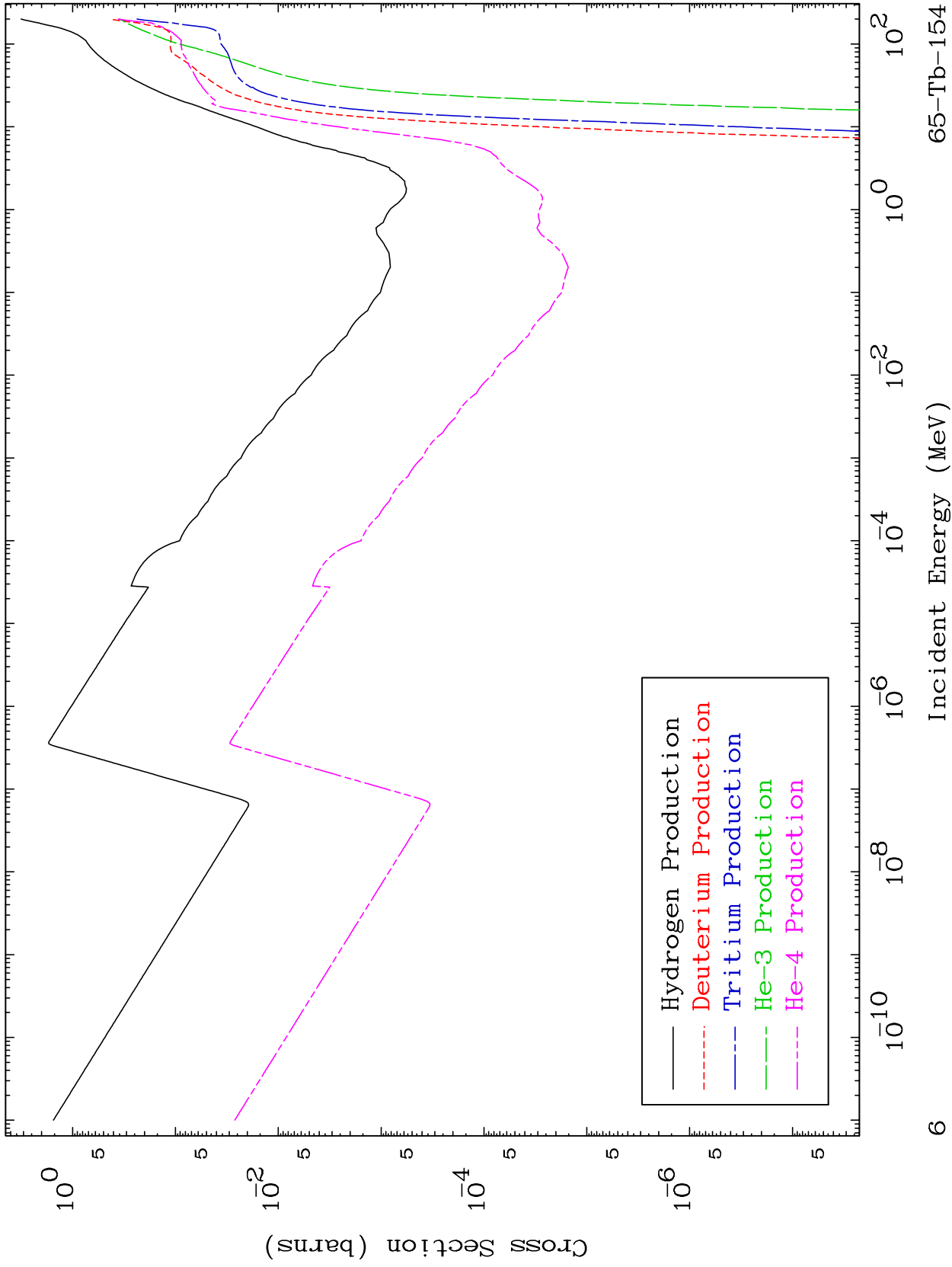
65-Tb-154



MAT 6510

Particle Production
293 Kelvin Cross Sections

65-Tb-154

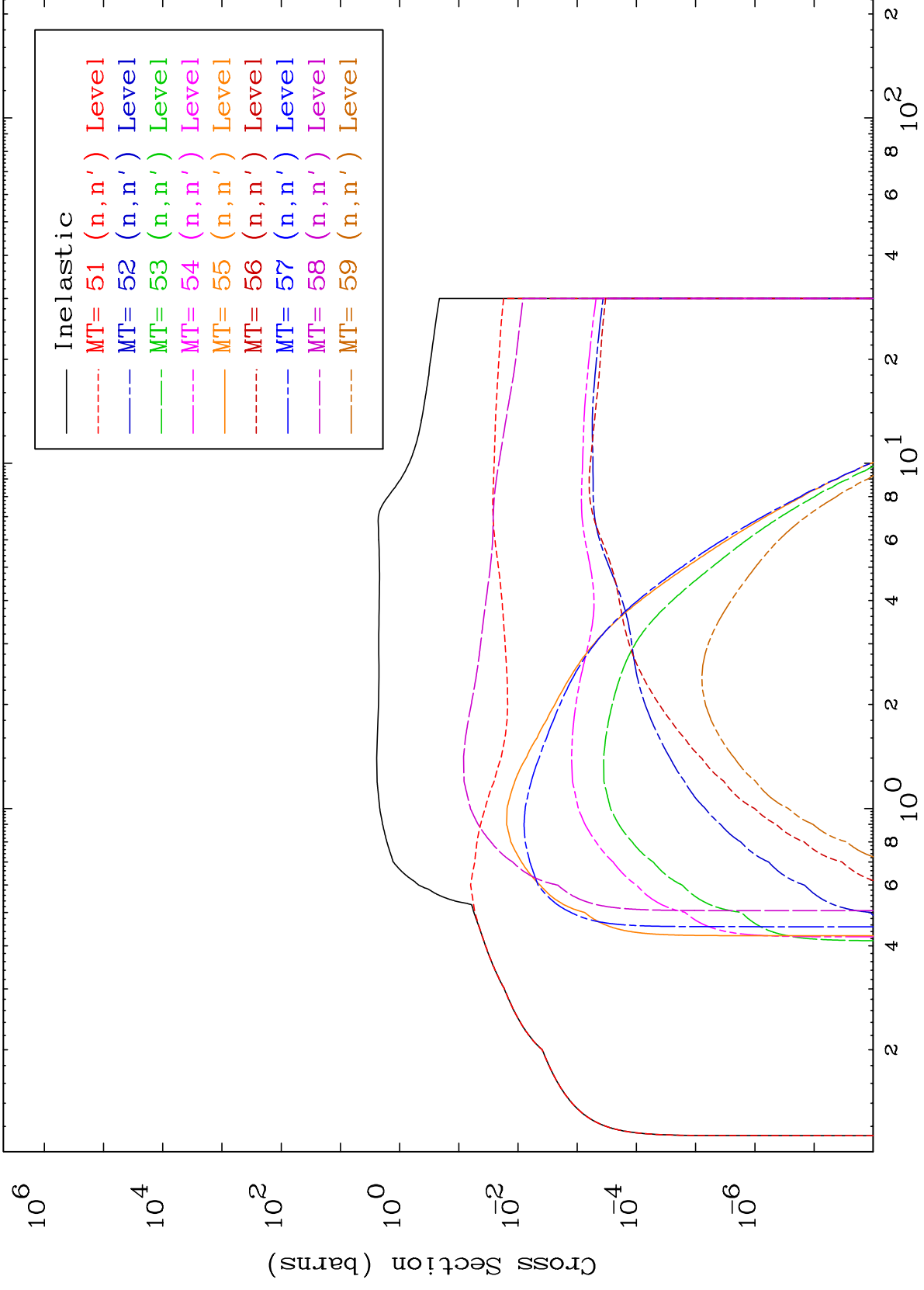


MAT 6510

(n,n') Level

65-Tb-154

293 Kelvin Cross Sections

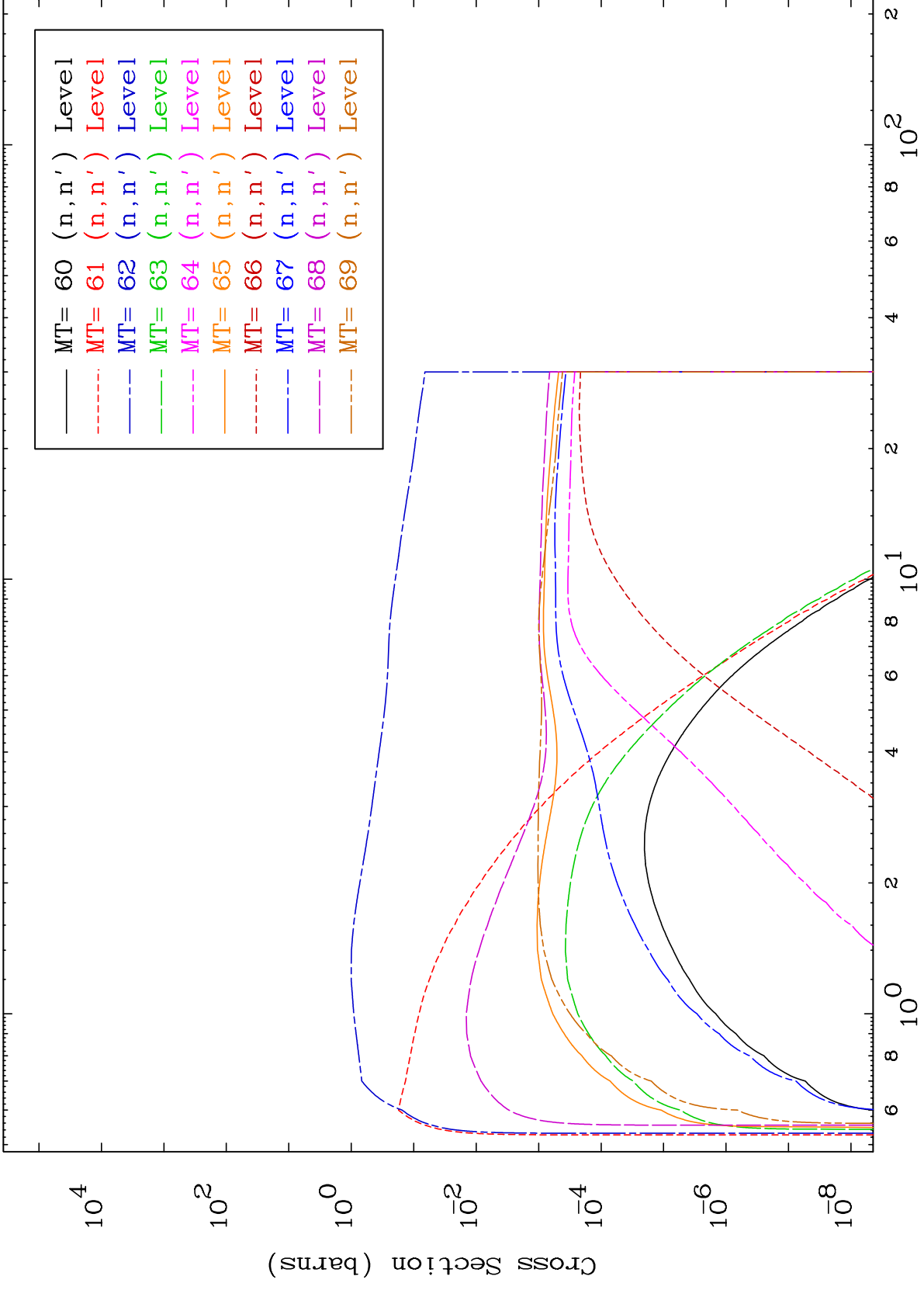


MAT 6510

(n,n') Level

65-Tb-154

293 Kelvin Cross Sections



8

Incident Energy (MeV)

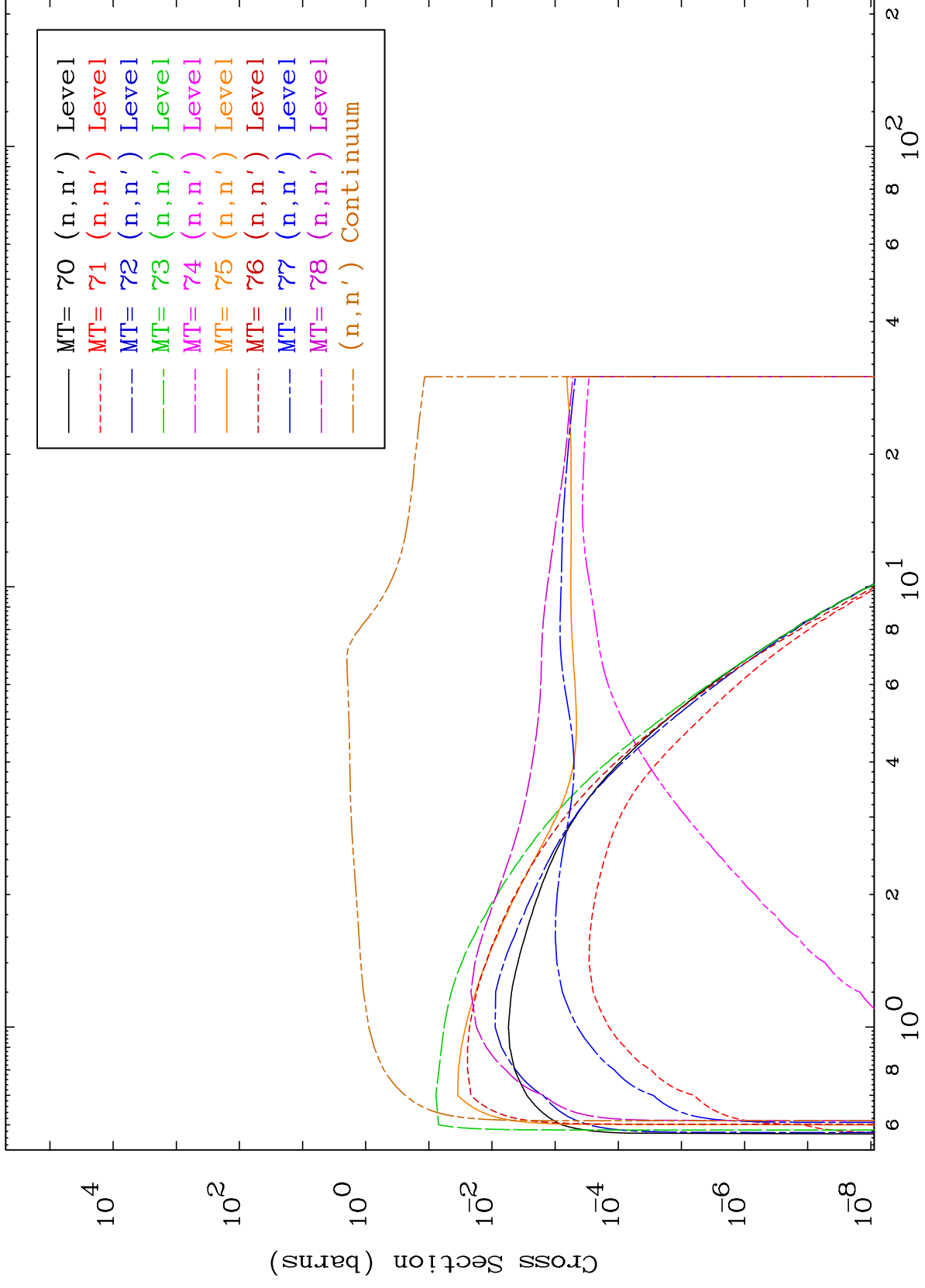
65-Tb-154

MAT 6510

(n,n') Level

65-Tb-154

293 Kelvin Cross Sections



9

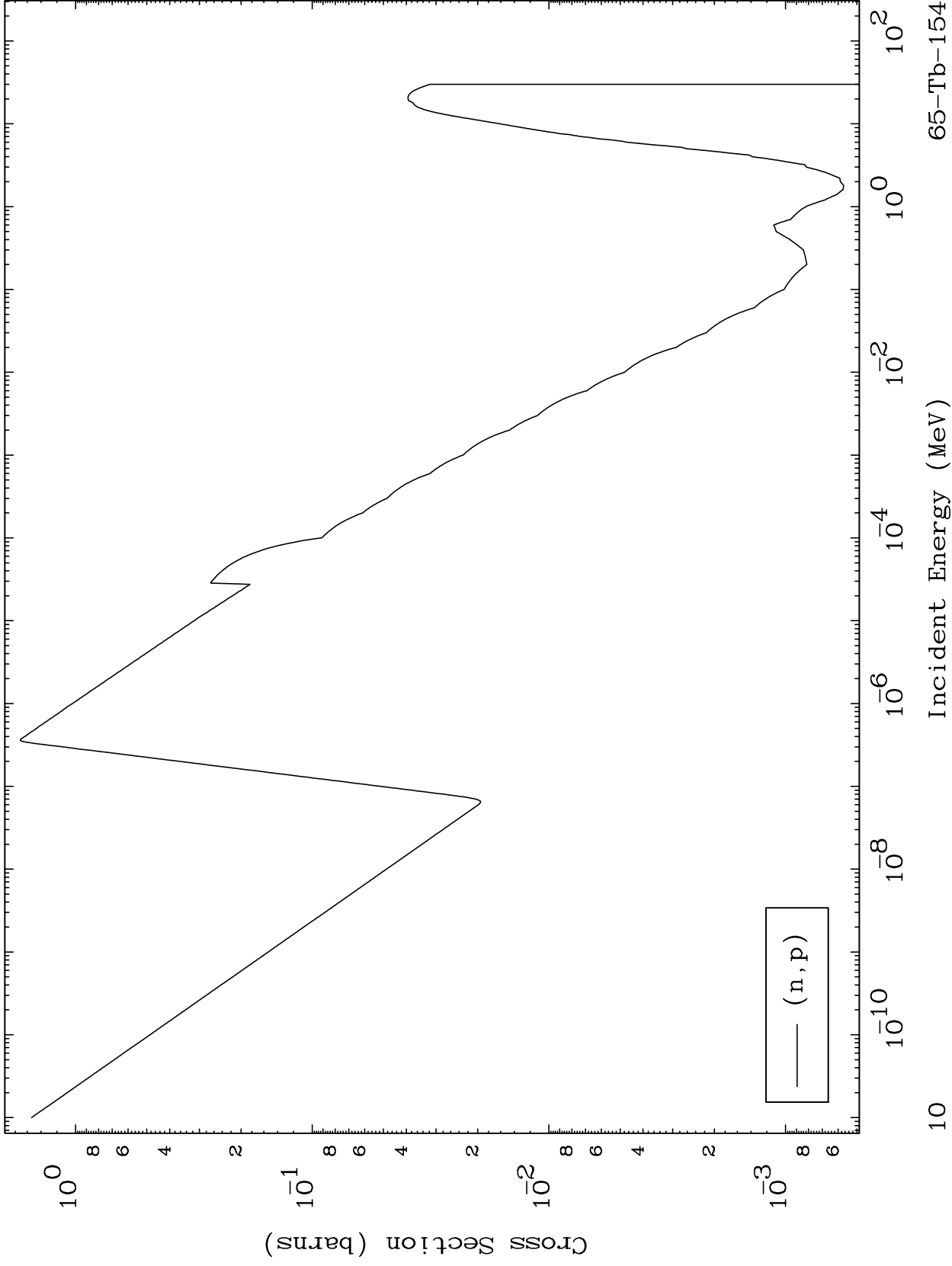
Incident Energy (MeV)

65-Tb-154

MAT 6510

(n,p) Levels
293 Kelvin Cross Sections

65-Tb-154



10

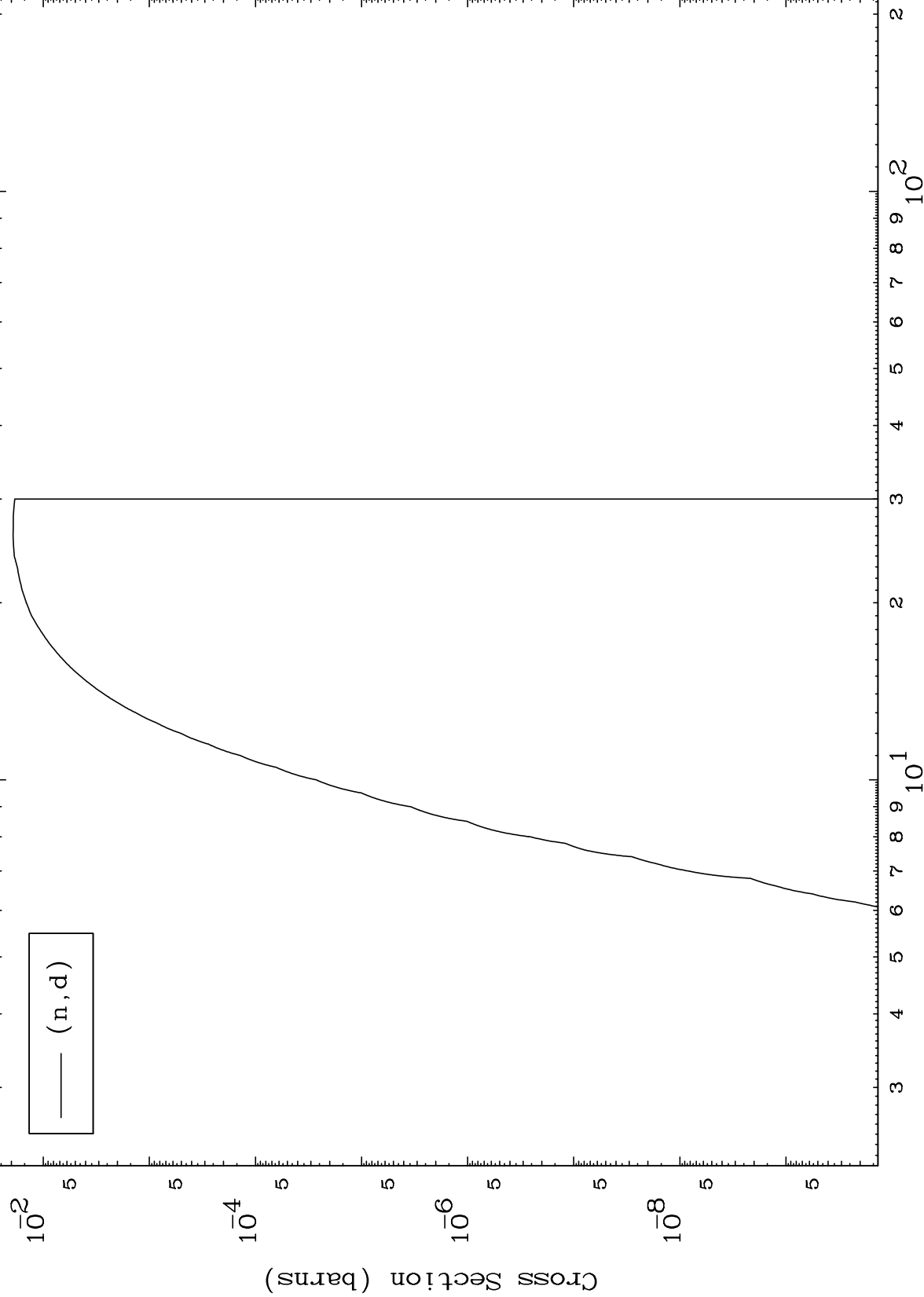
Incident Energy (MeV)

65-Tb-154

MAT 6510

(n,d) Levels
293 Kelvin Cross Sections

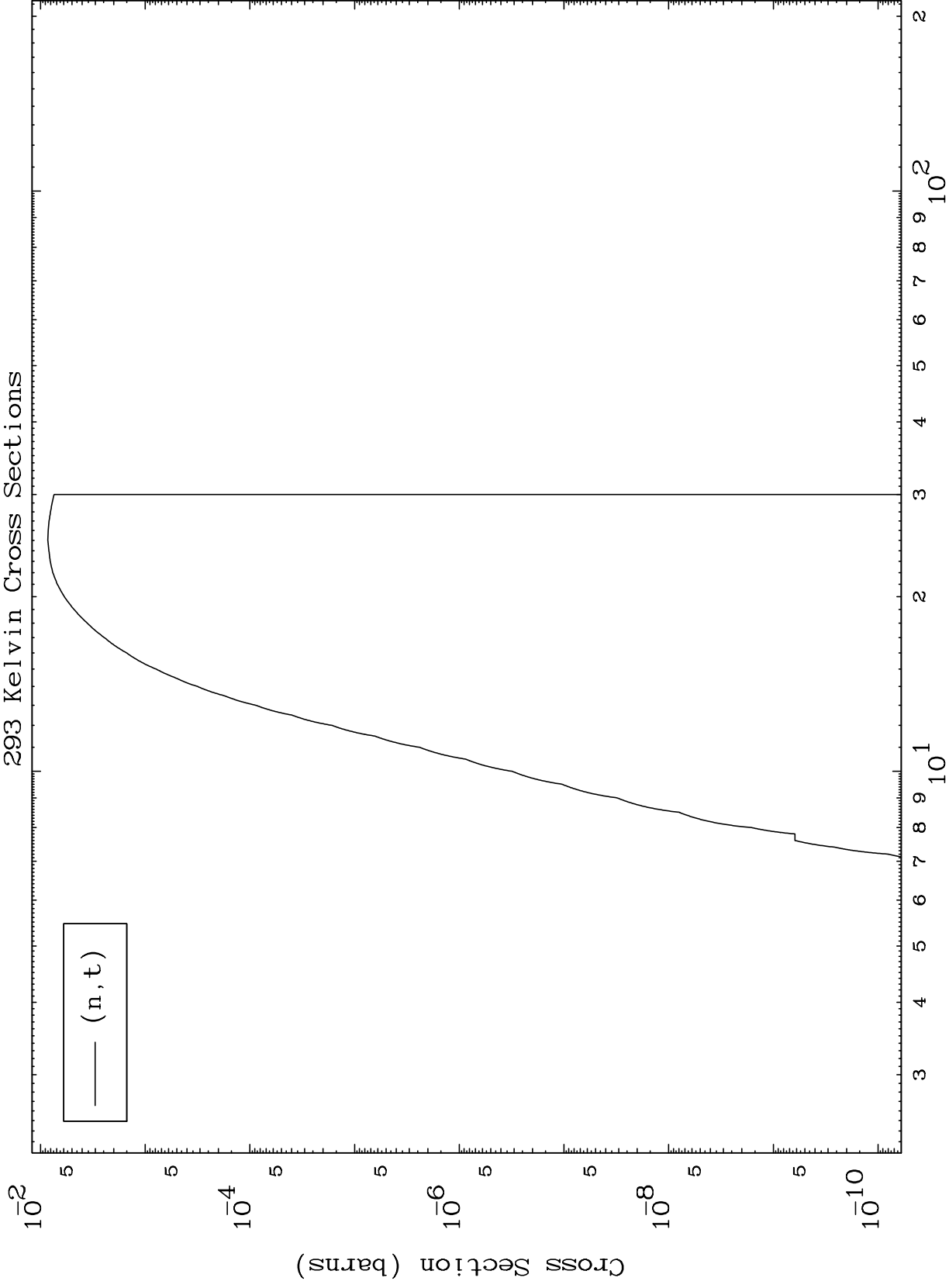
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MAT 6510

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-154



12

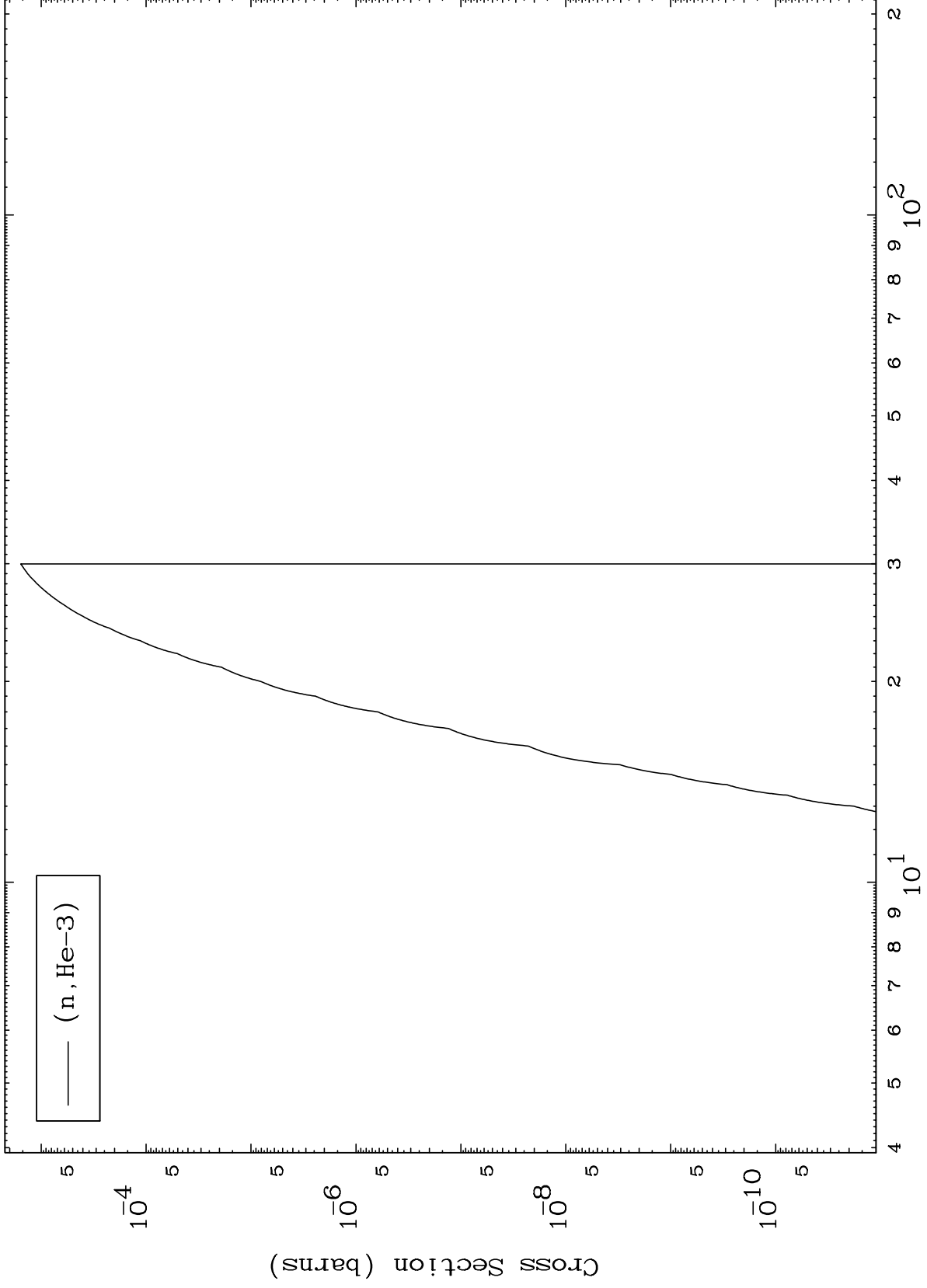
Incident Energy (MeV)

65-Tb-154

MAT 6510

(n,He3) Levels
293 Kelvin Cross Sections

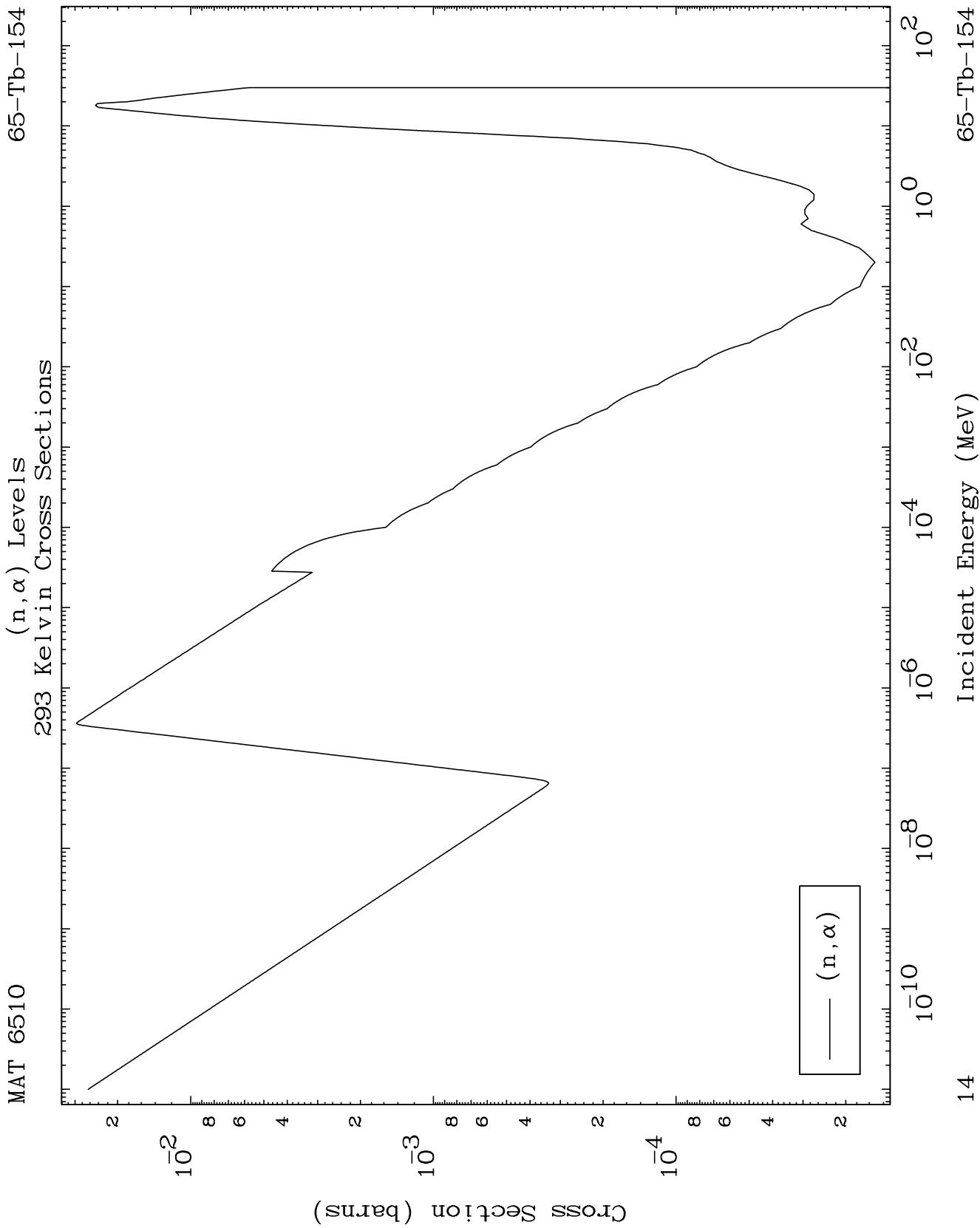
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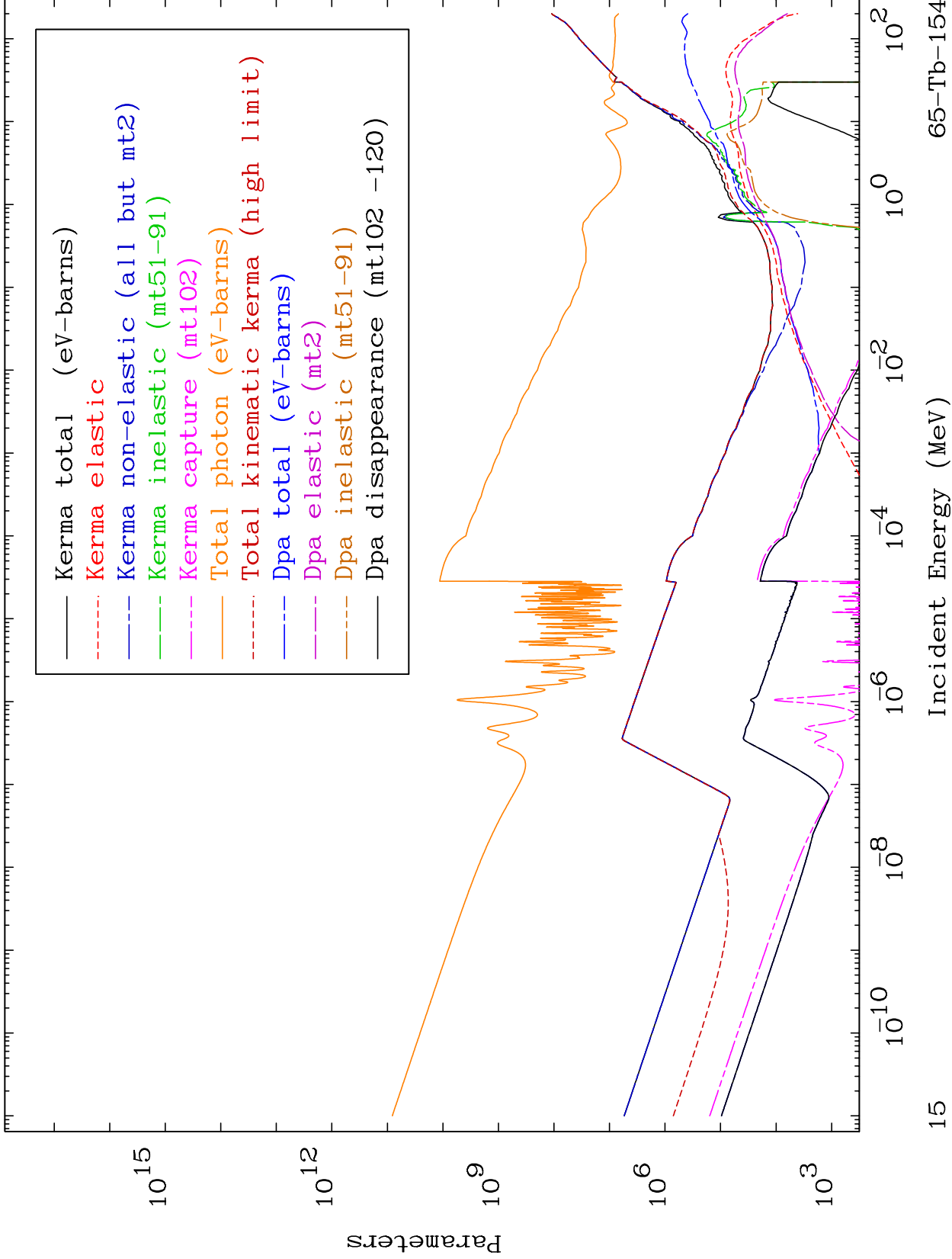


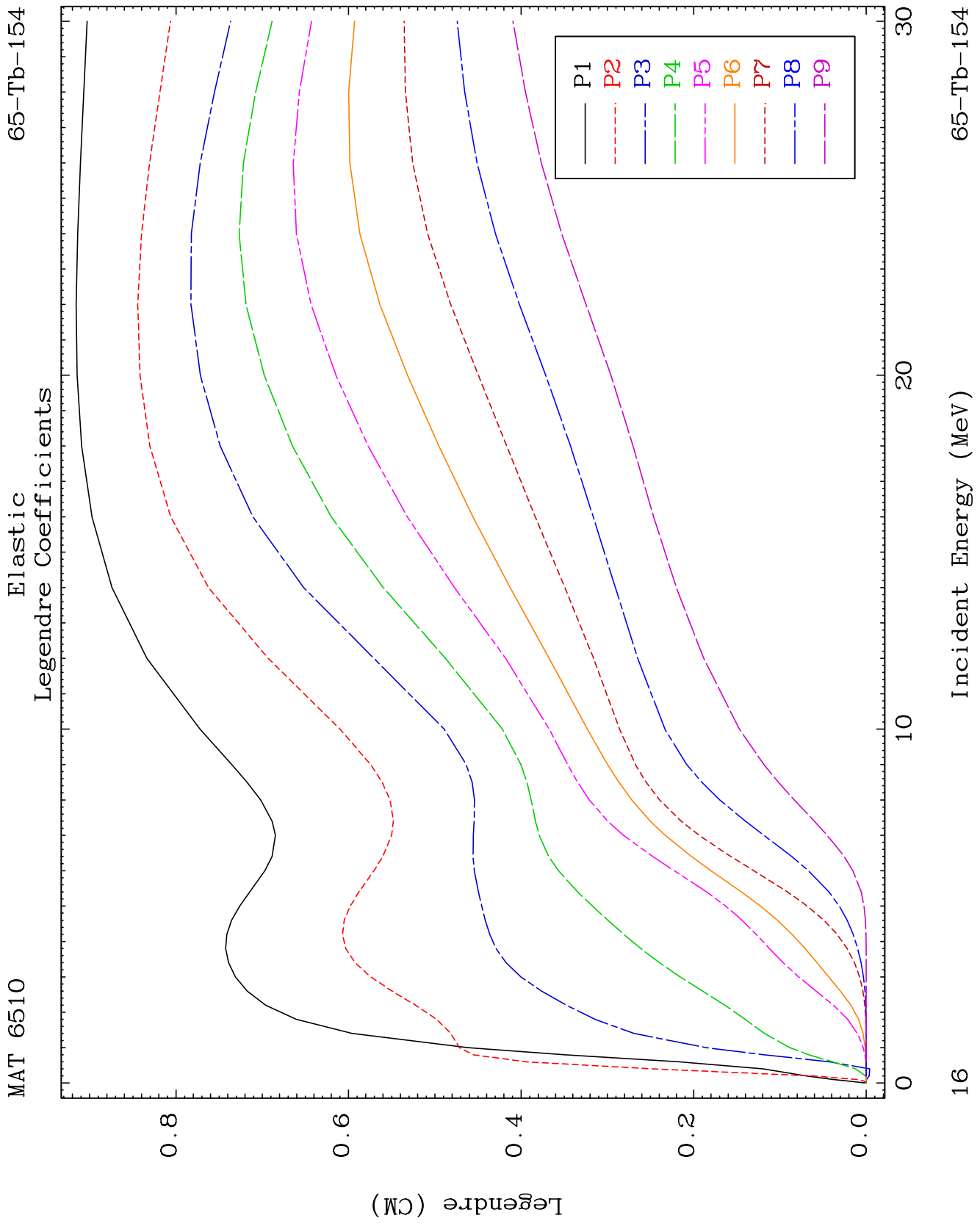
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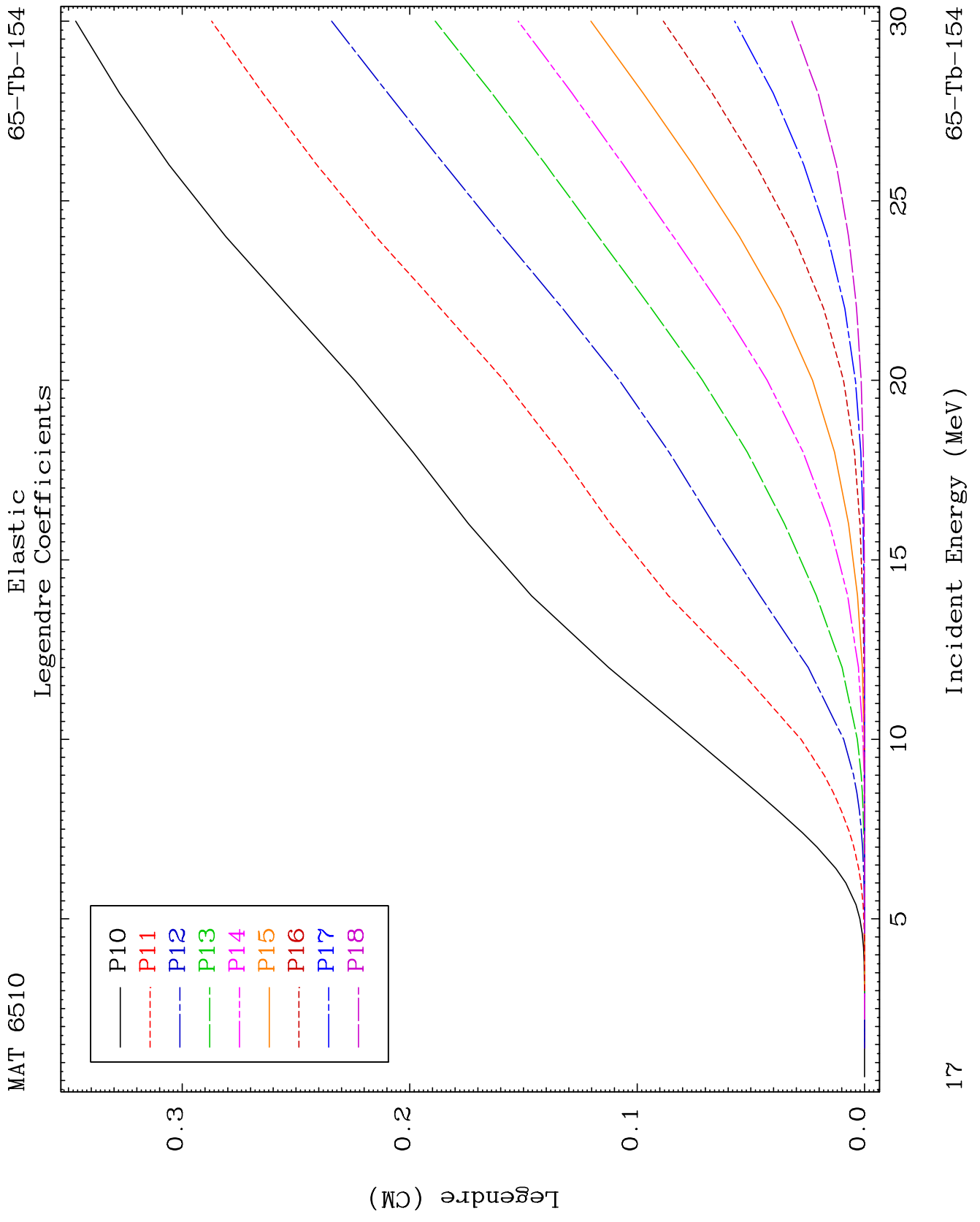
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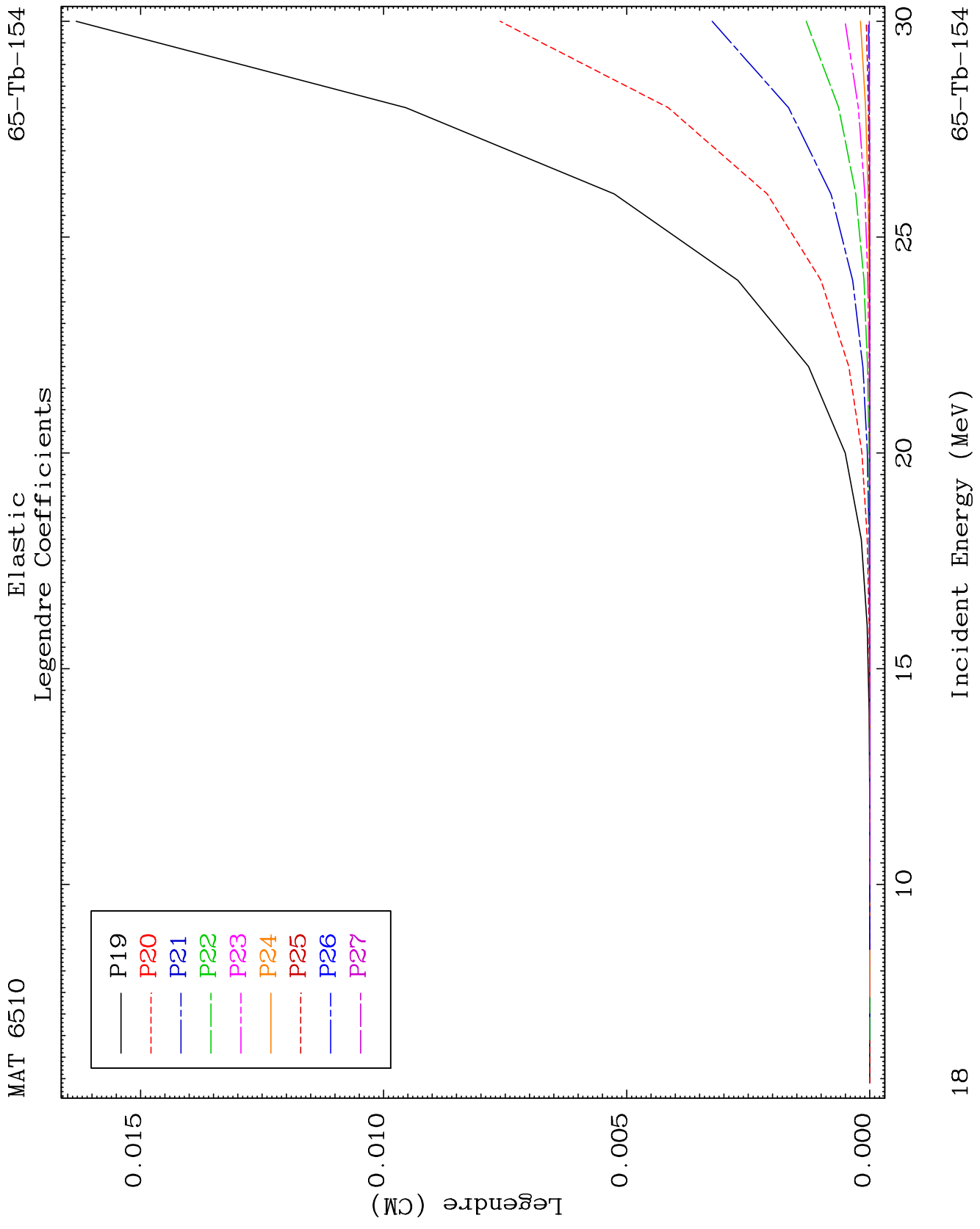
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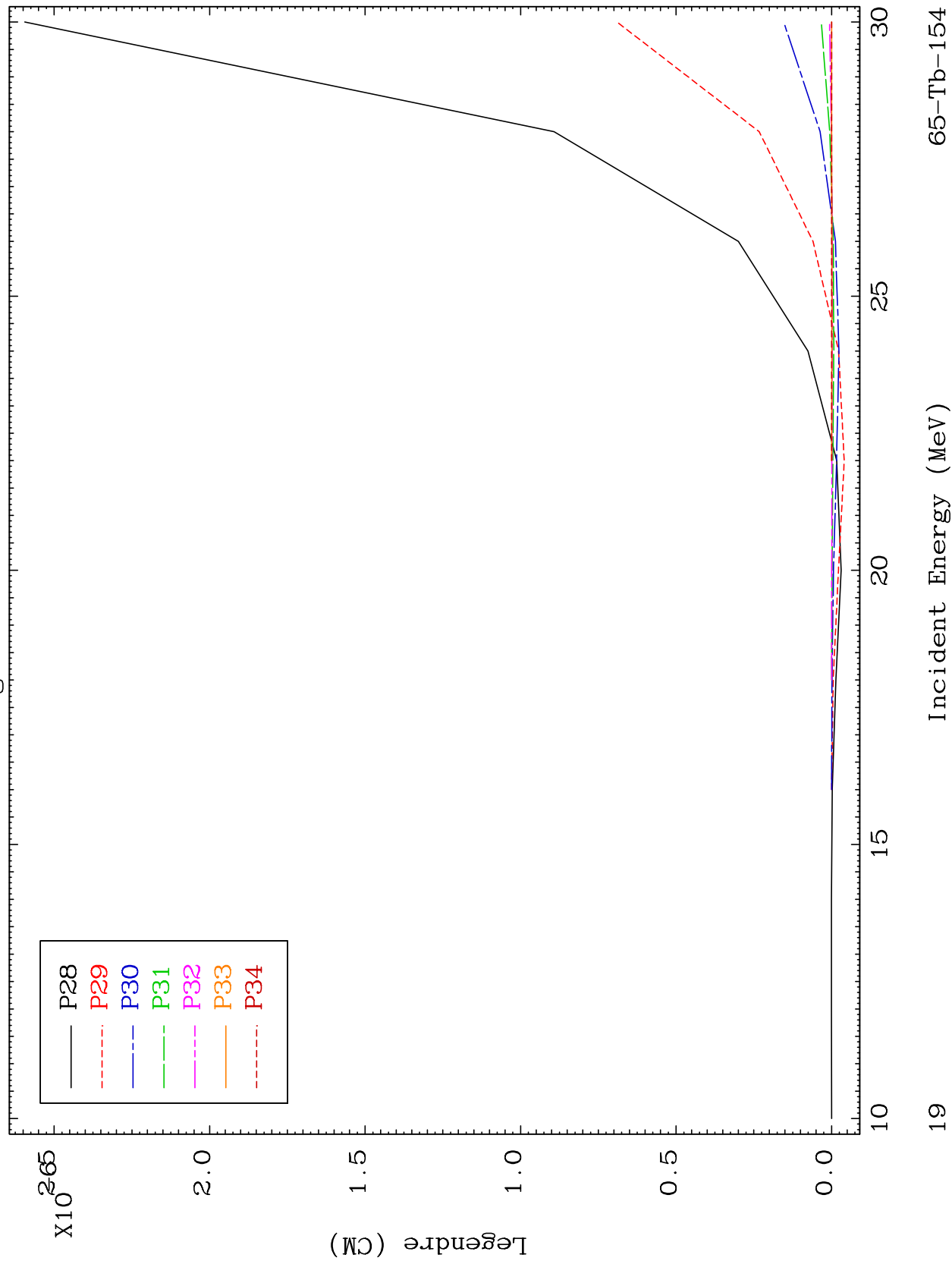




MAT 6510

Elastic Legendre Coefficients

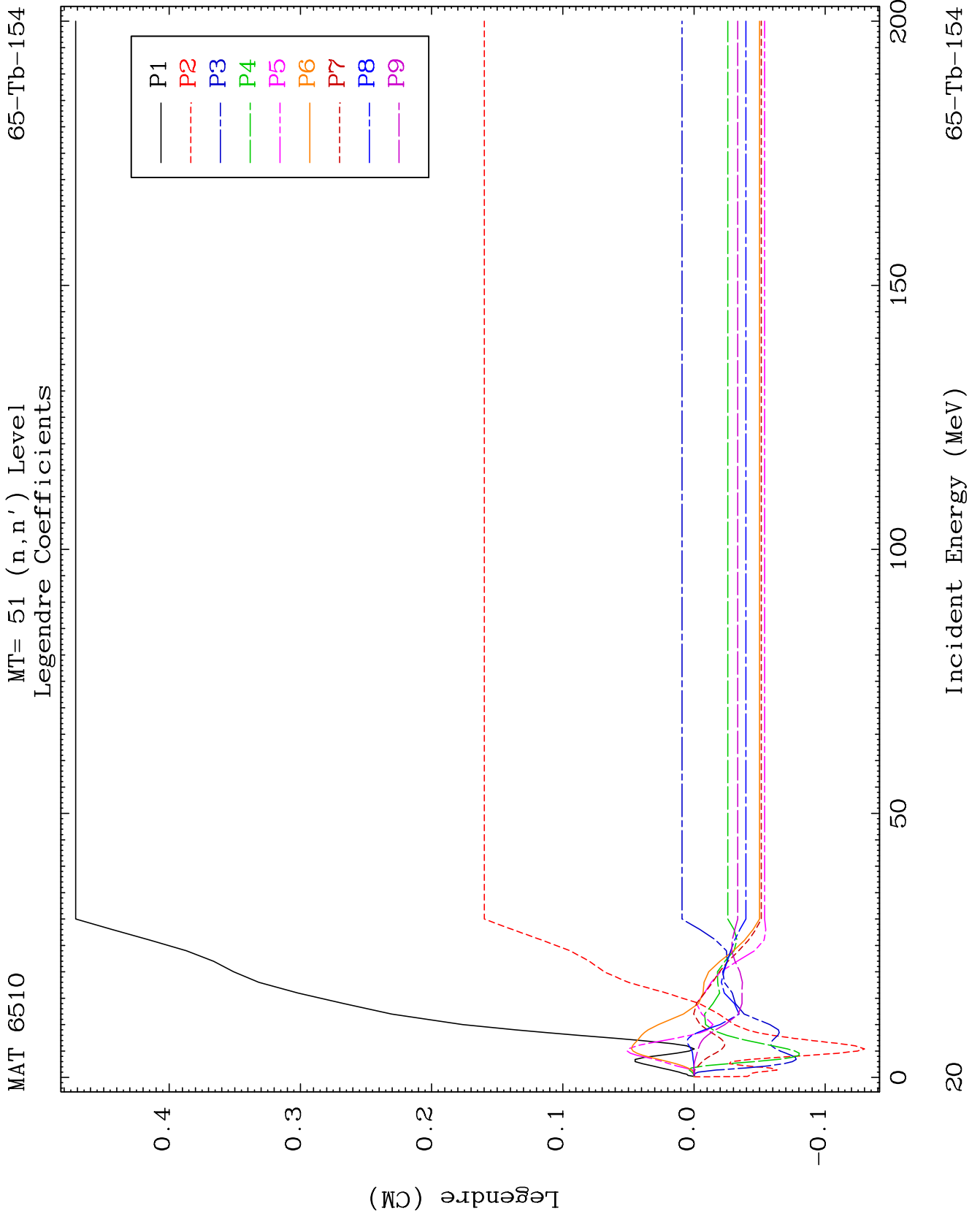
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Incident Energy (MeV)

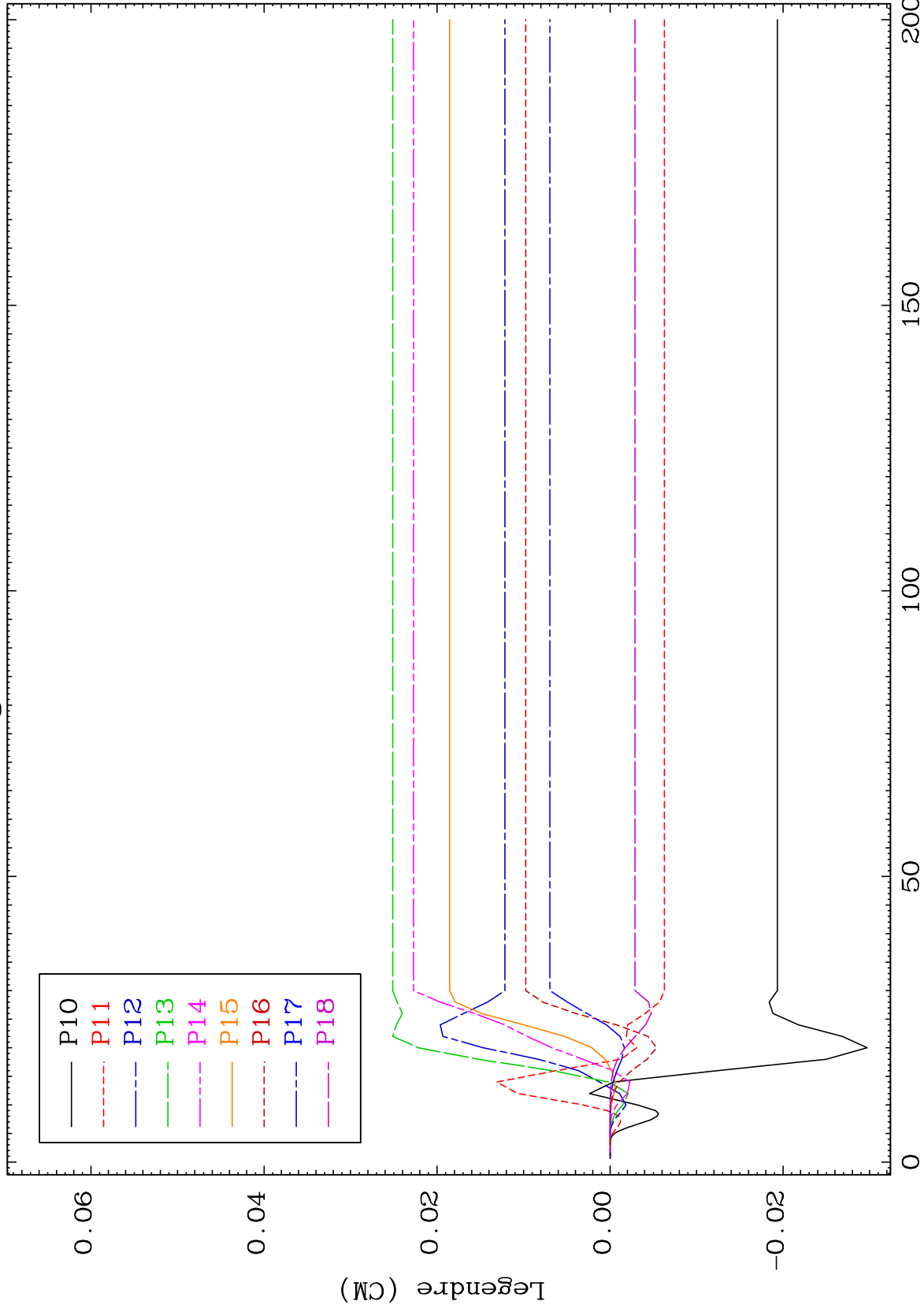
65-Tb-154



MAT 6510

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

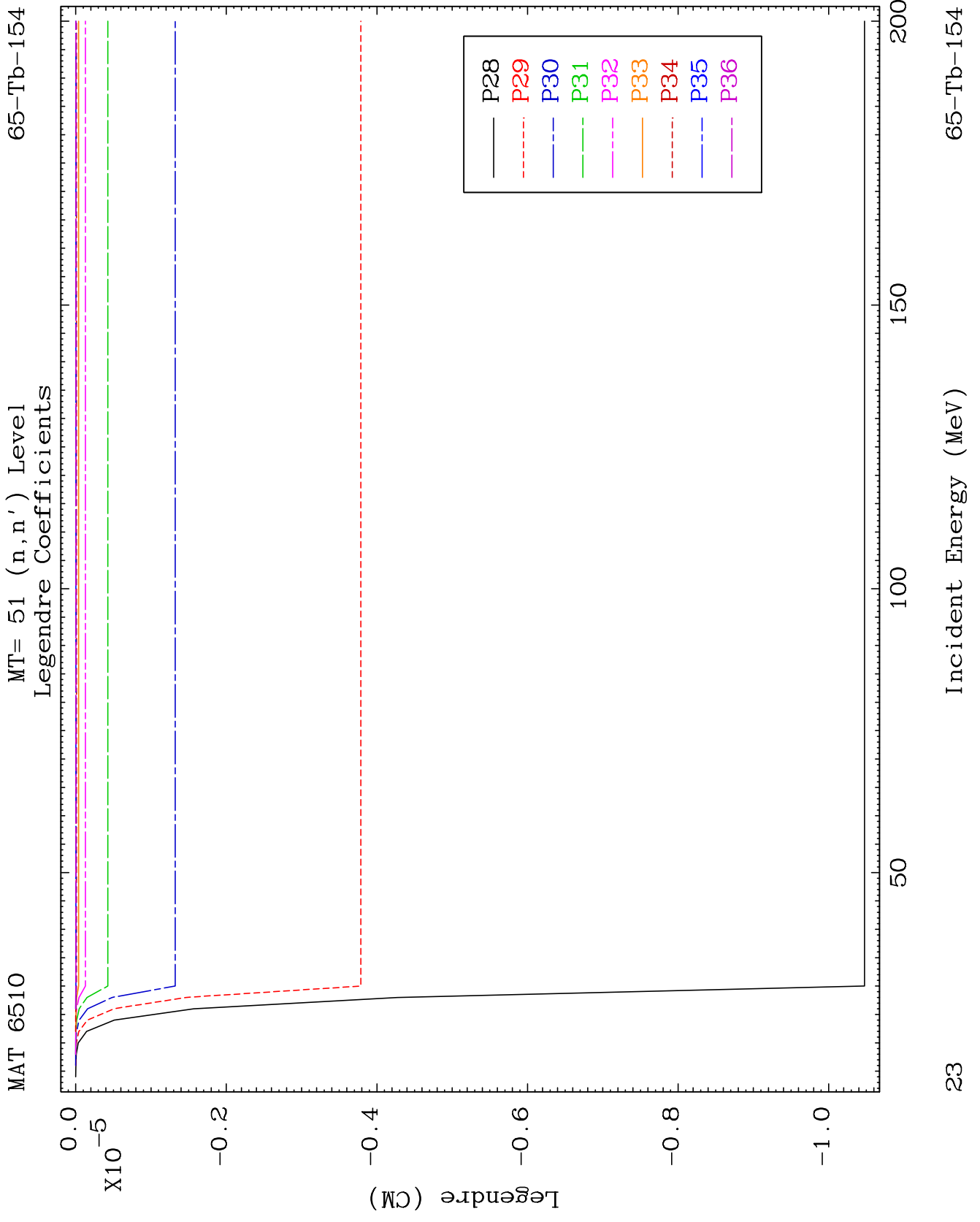
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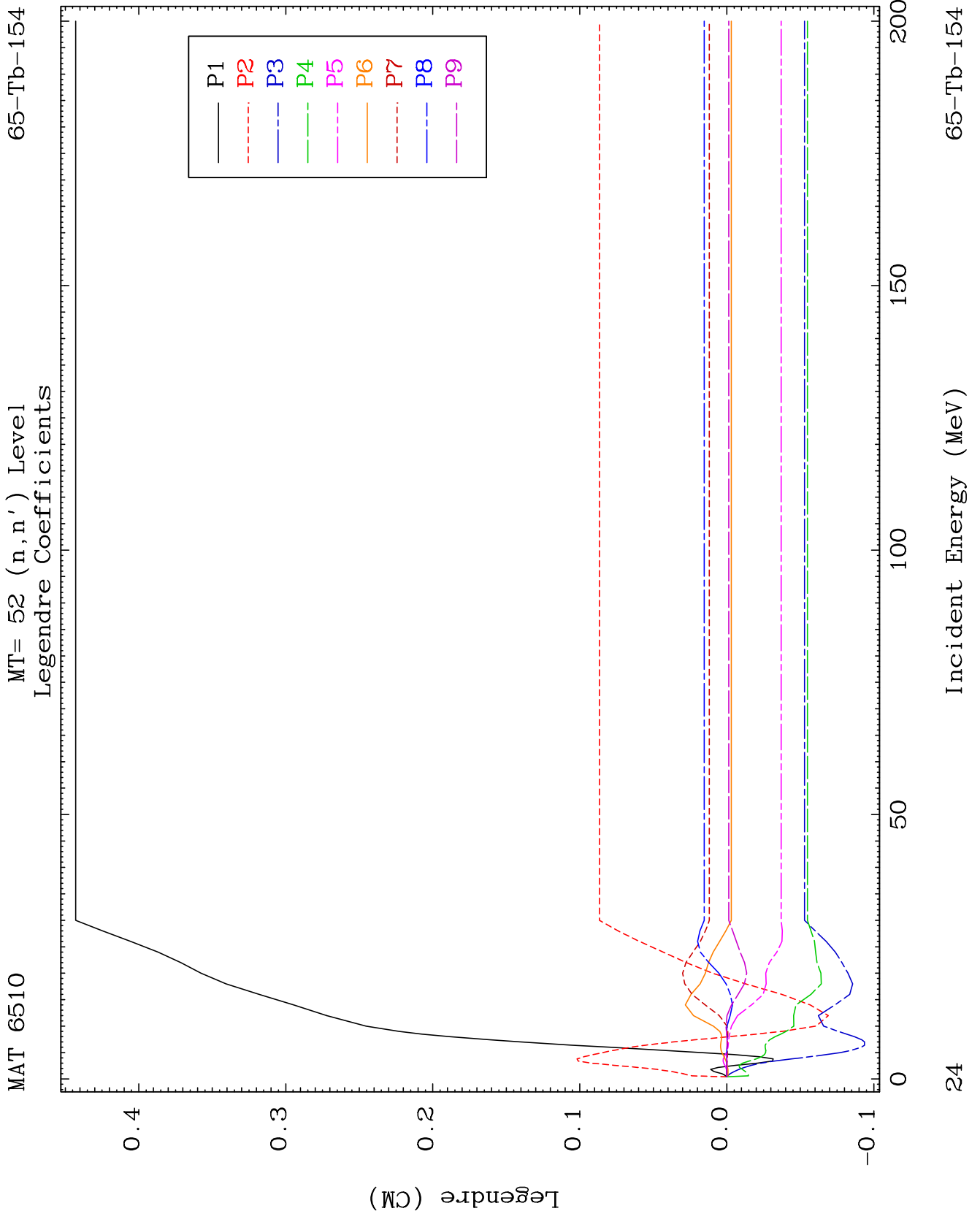


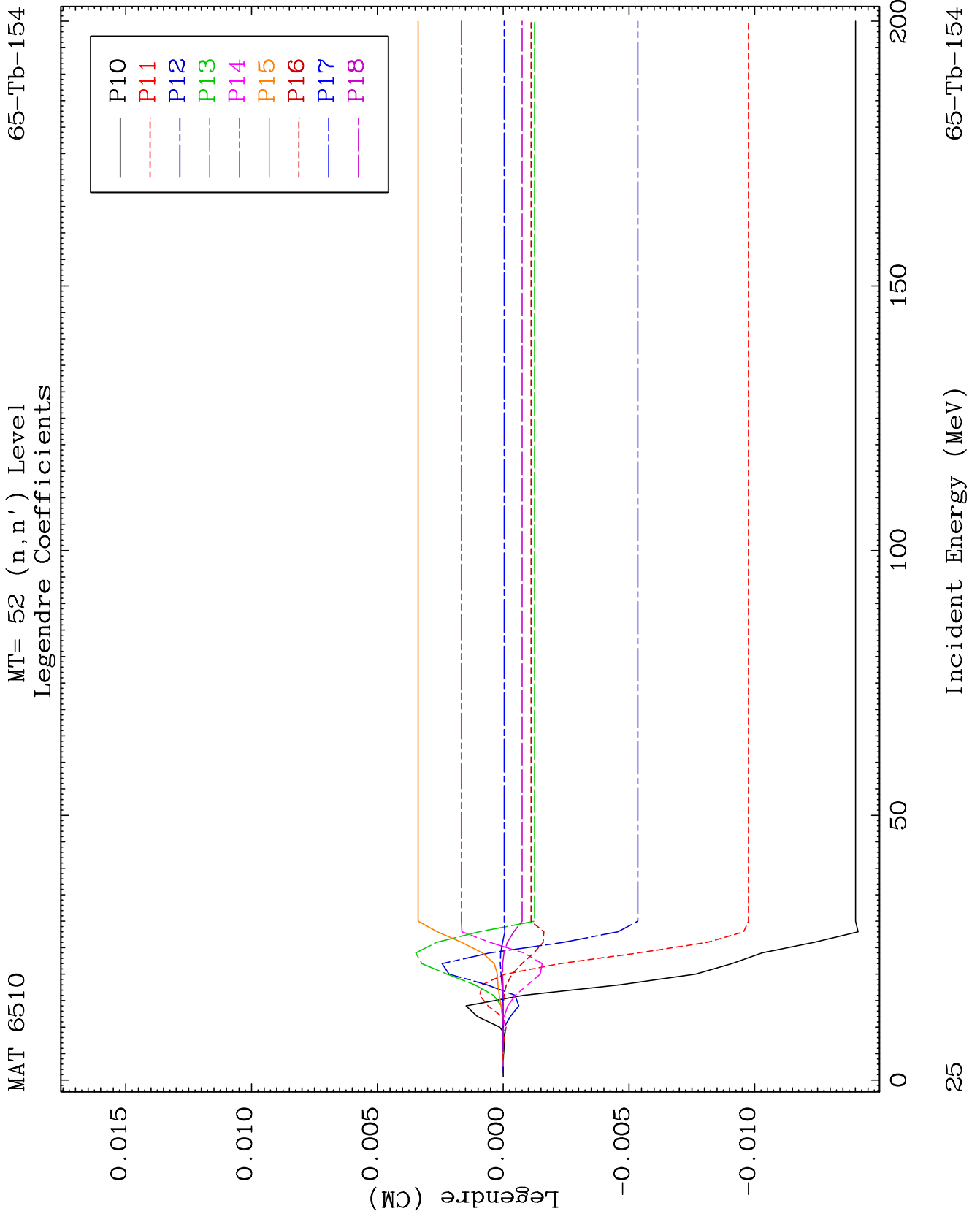
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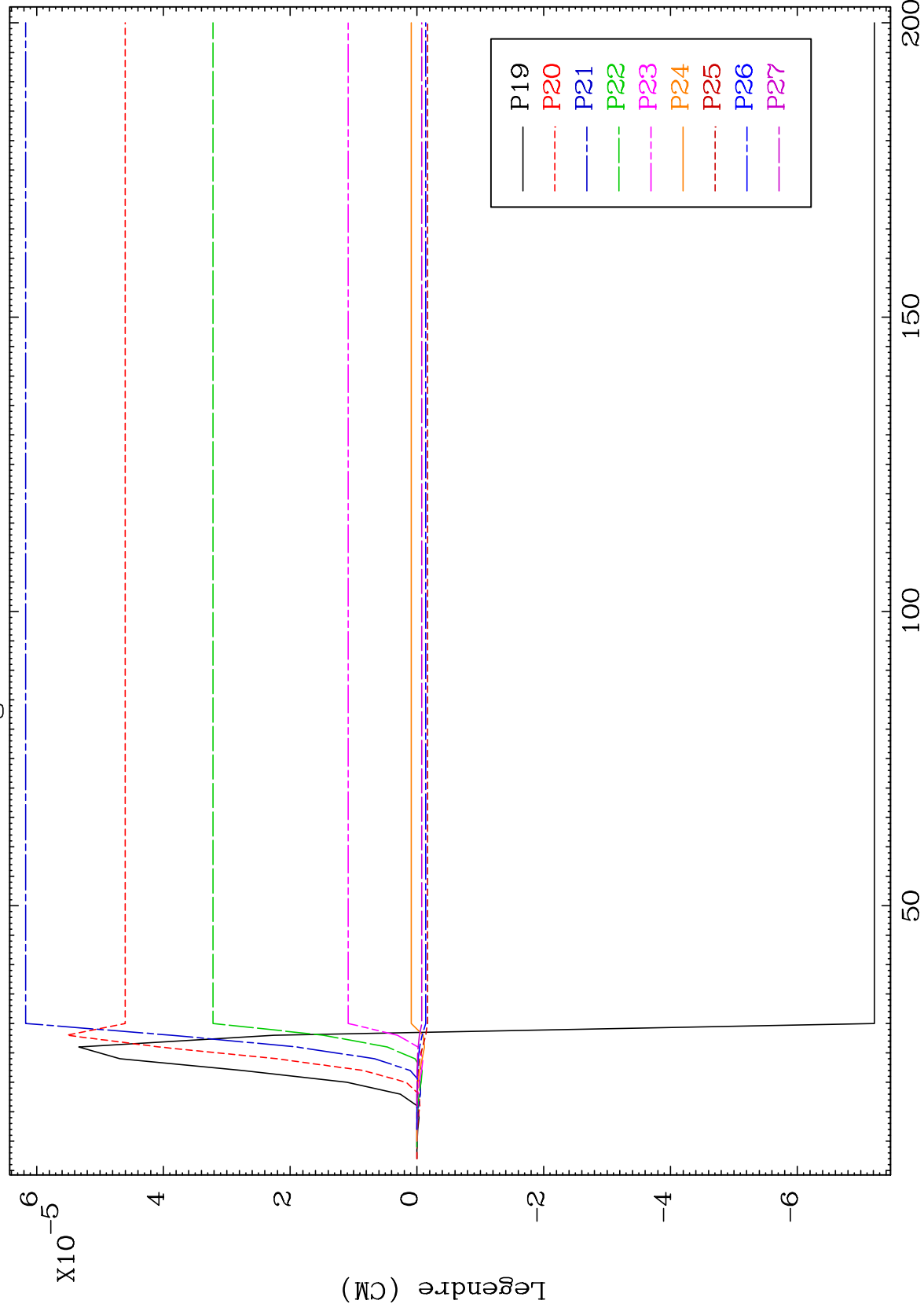
Incident Energy (MeV)

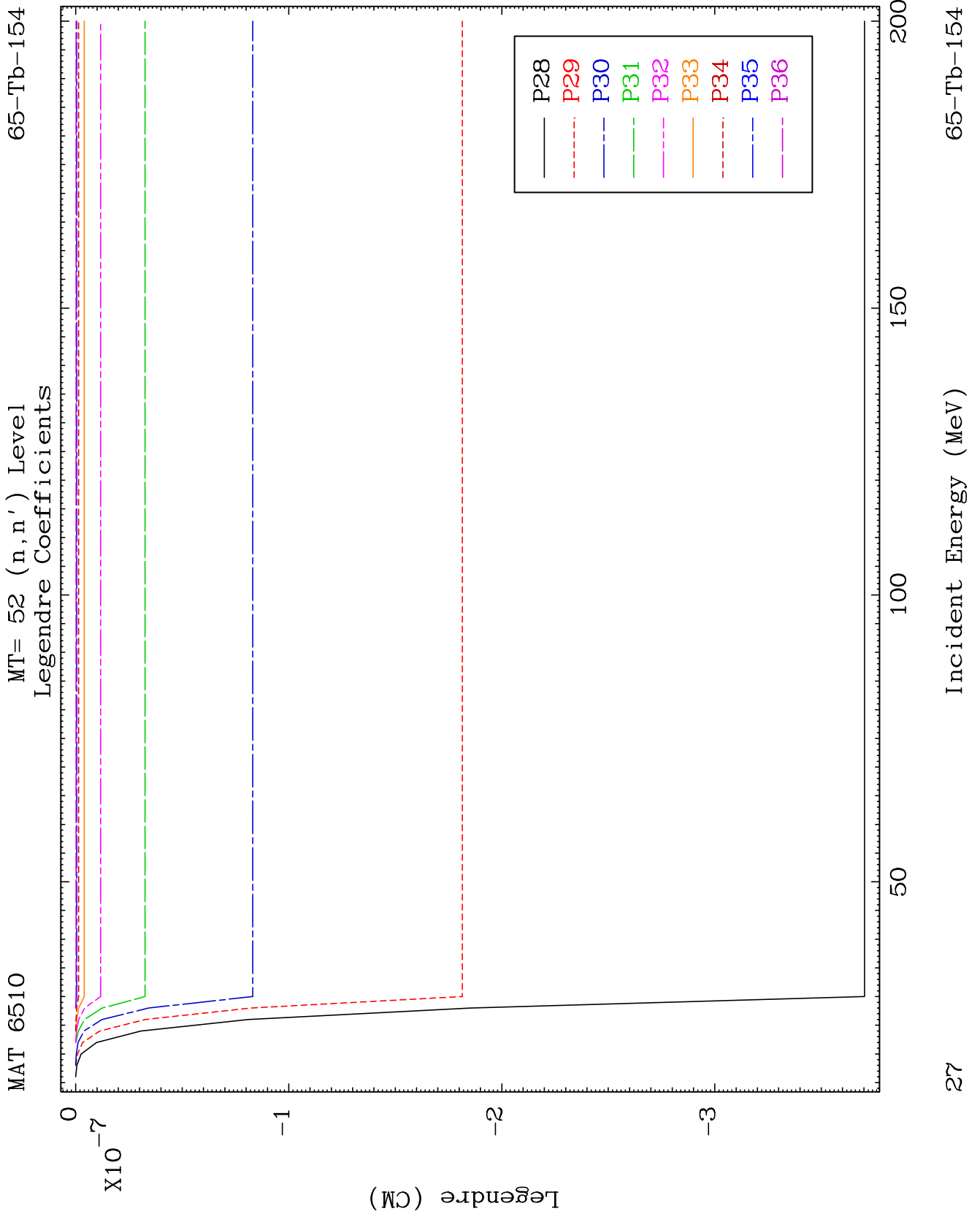
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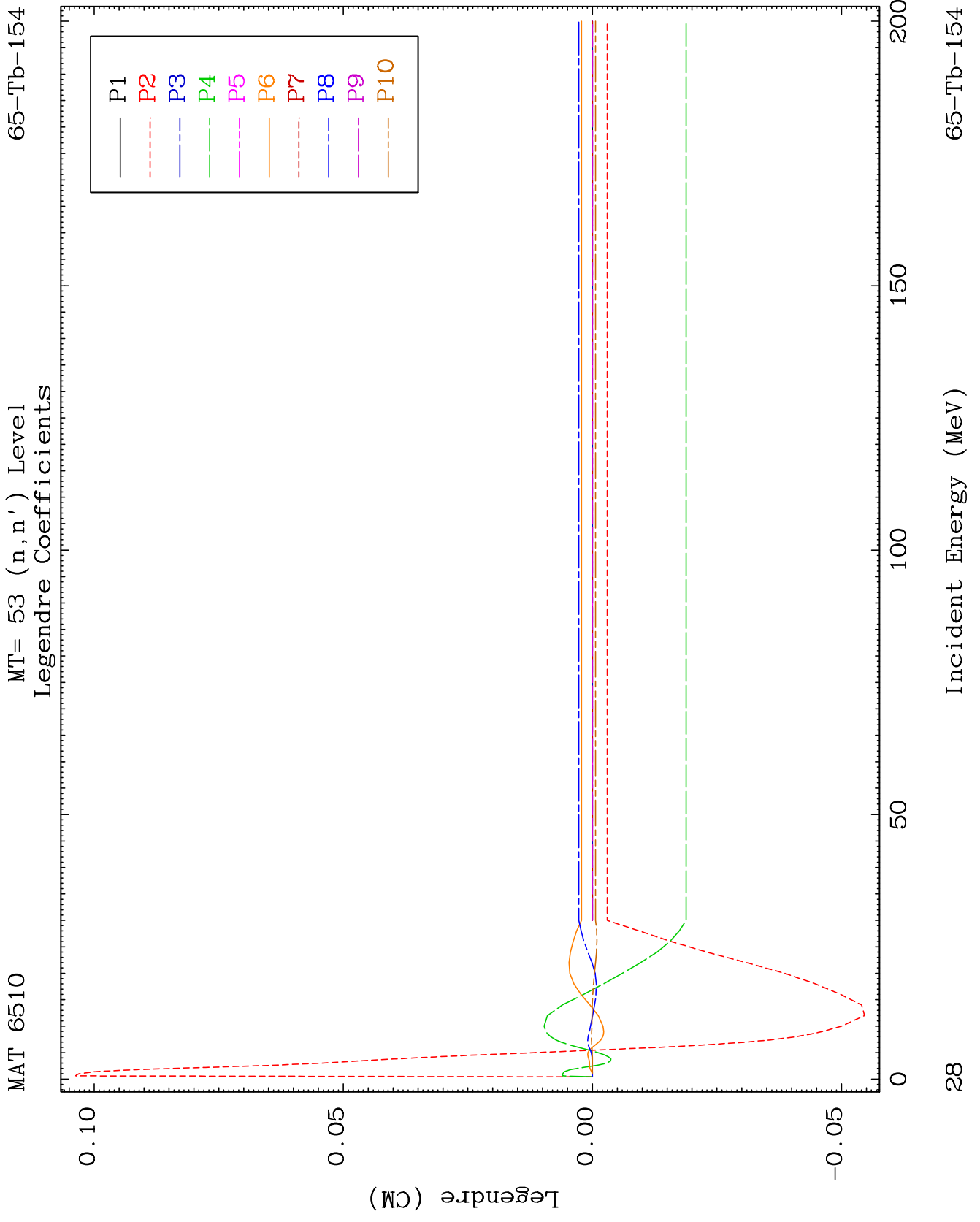








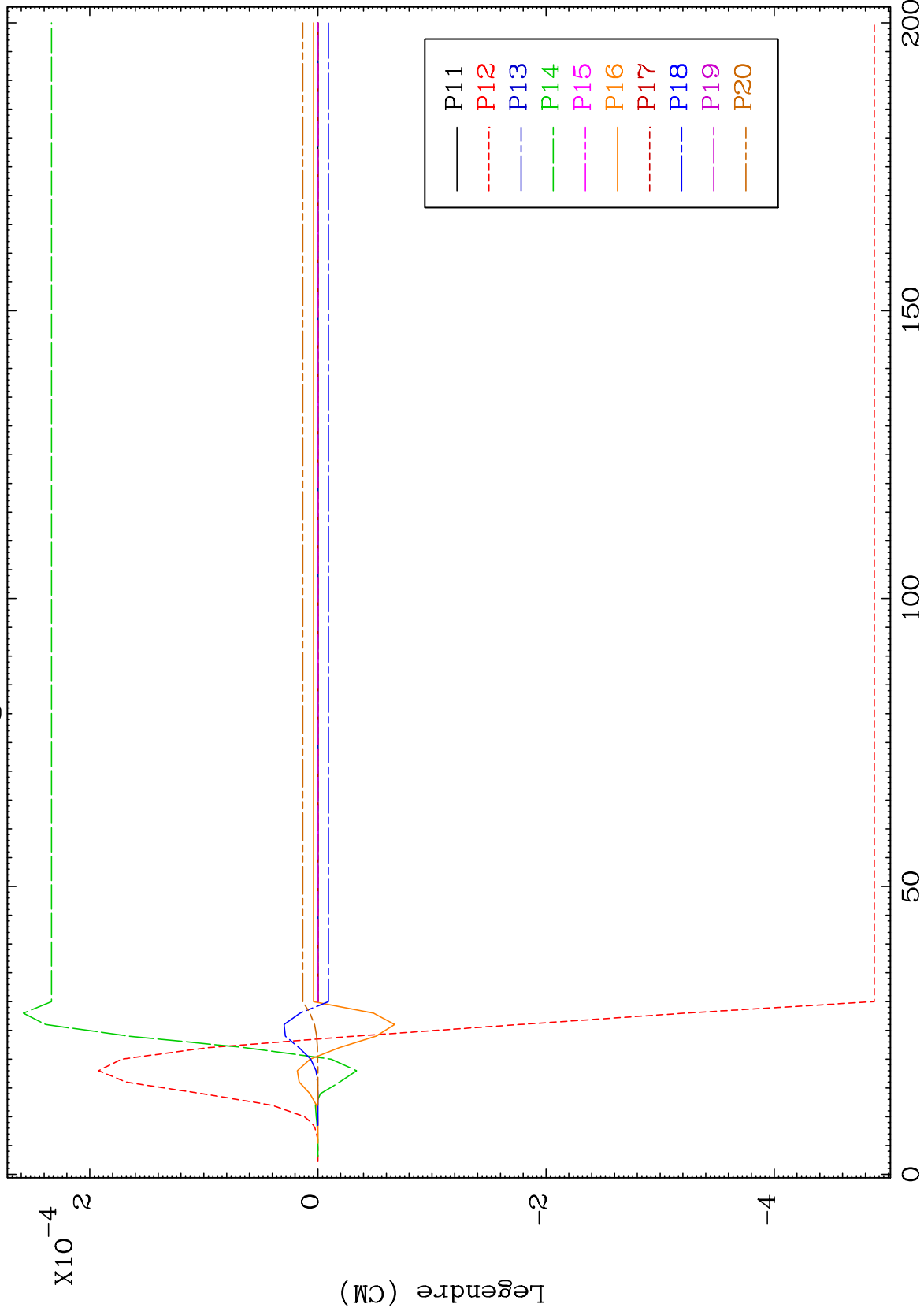




MAT 6510

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

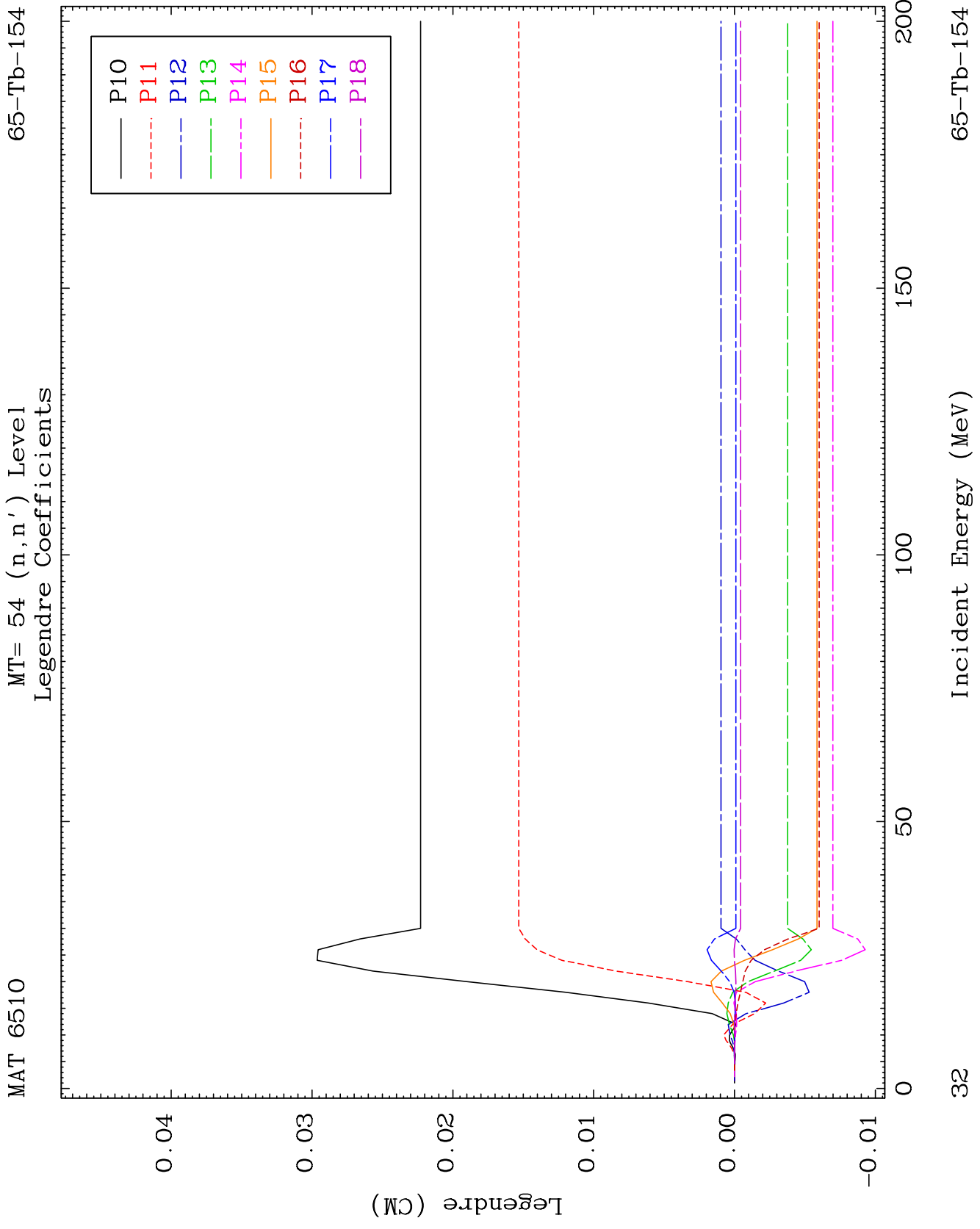
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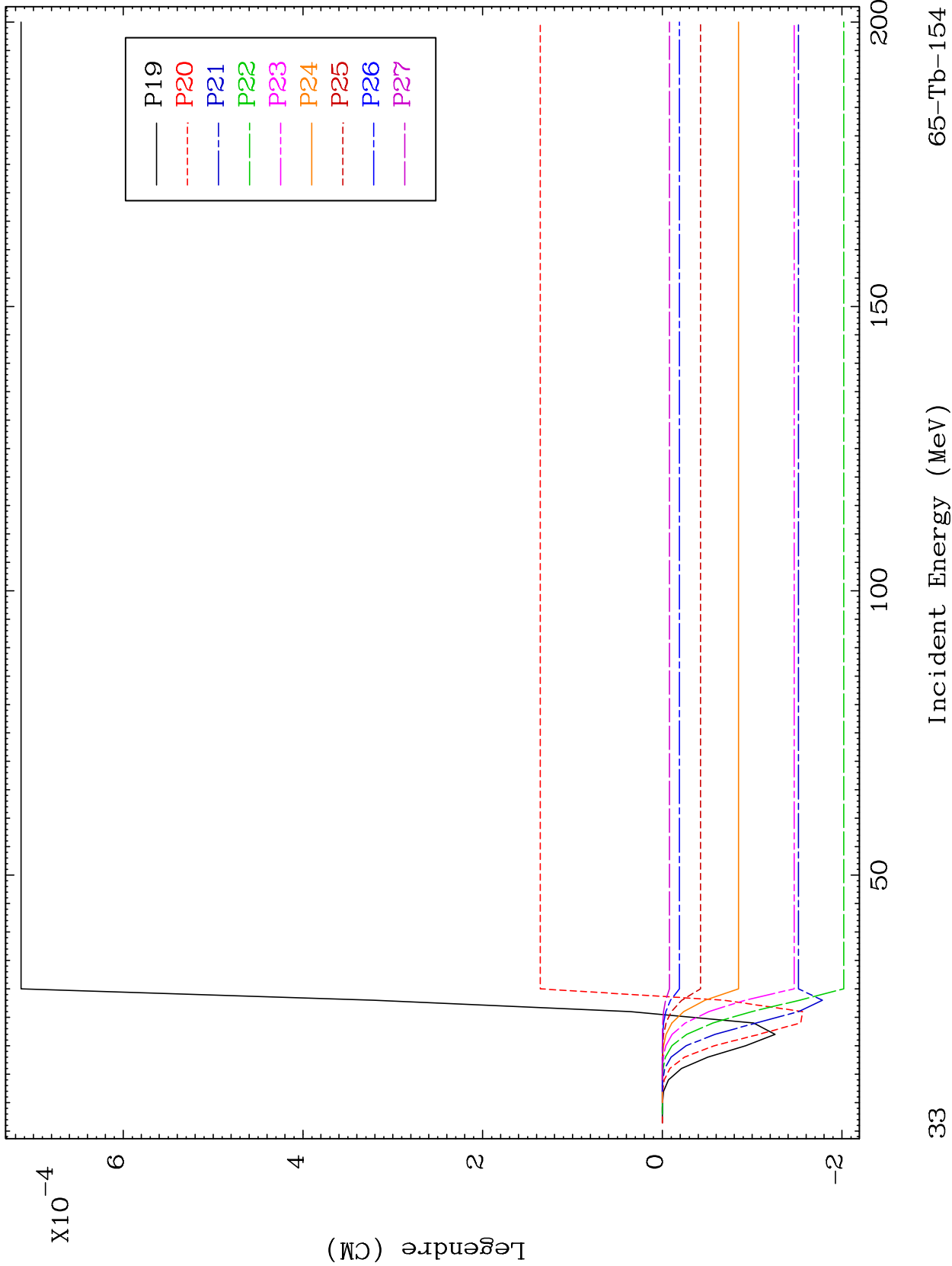


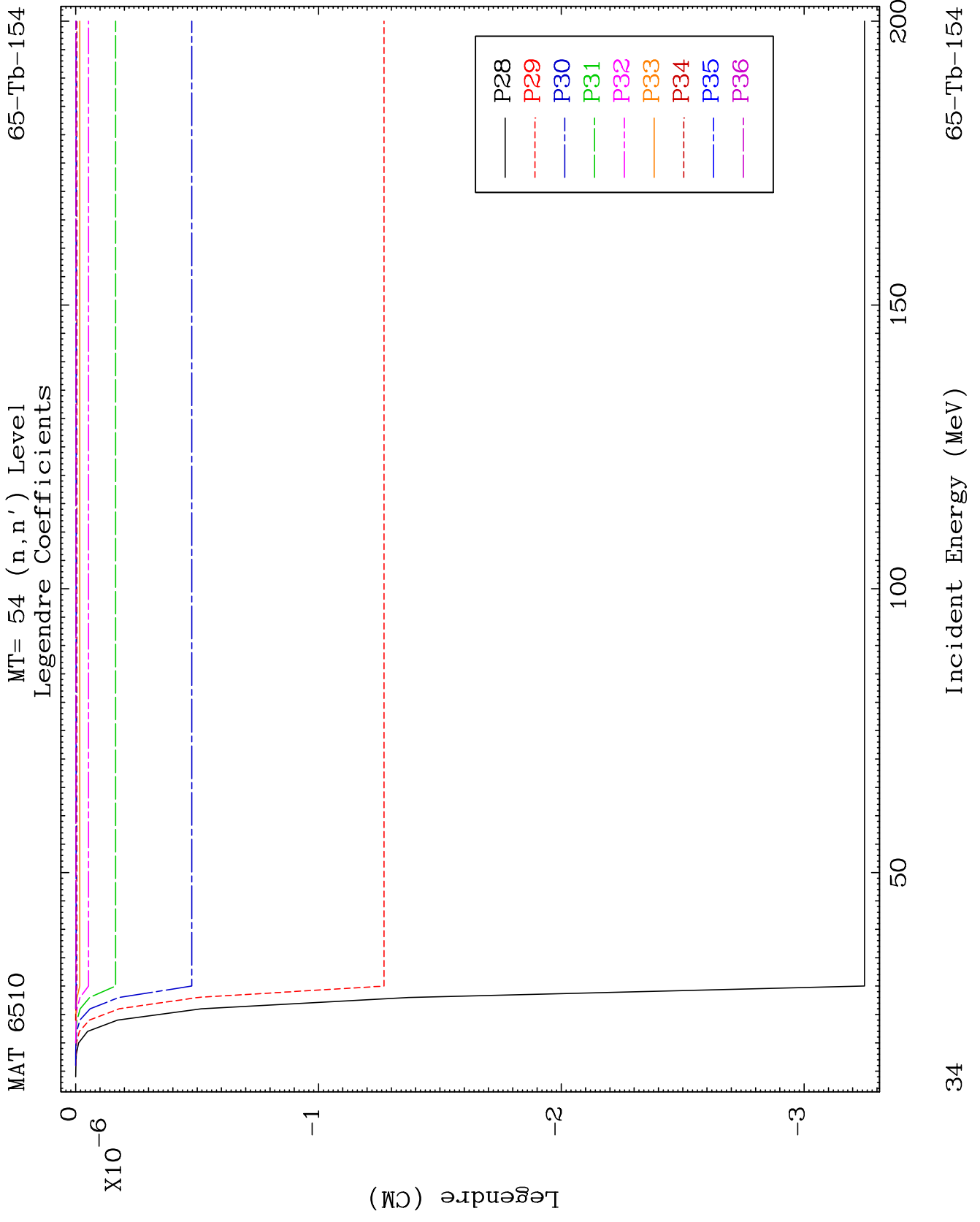
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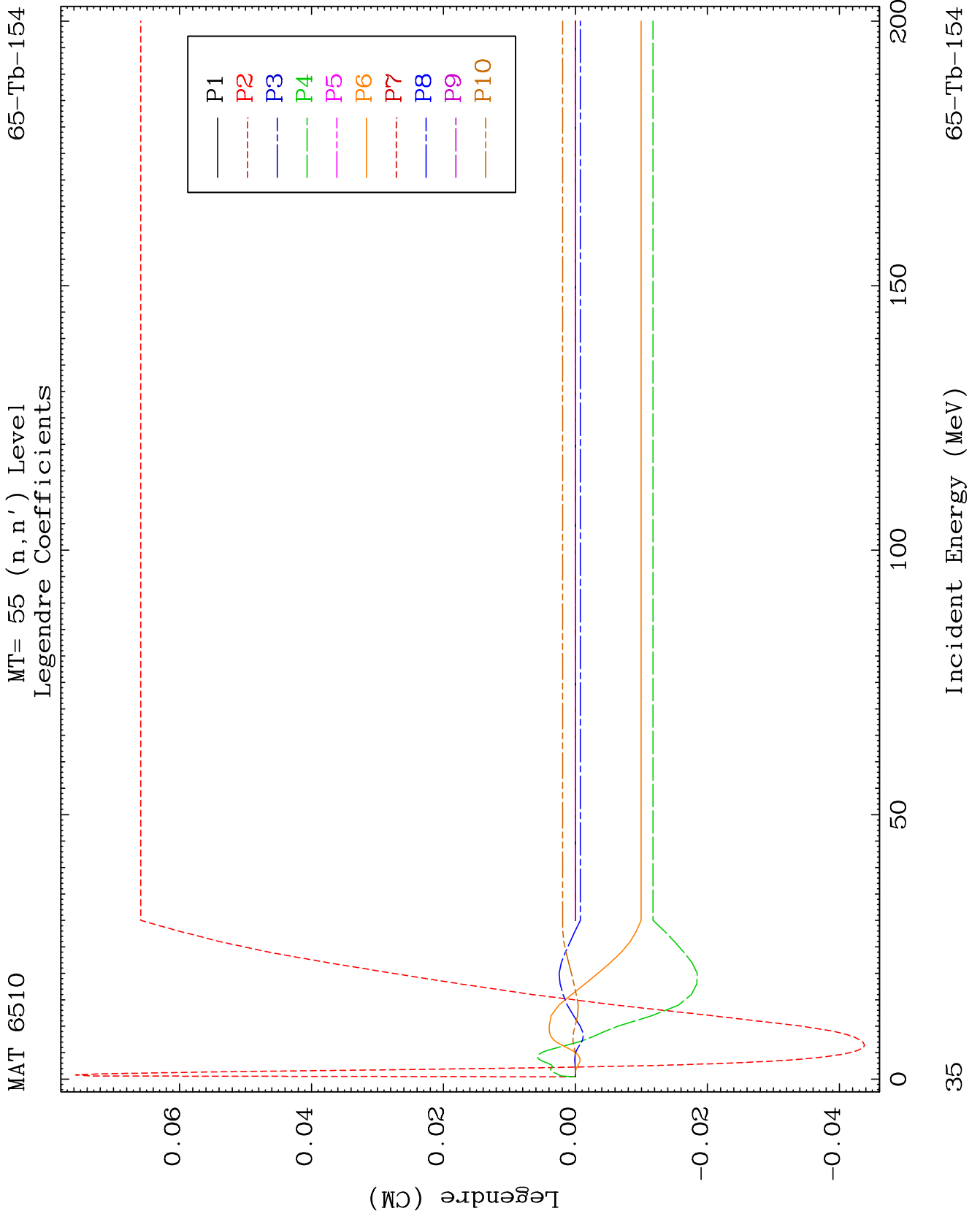
Incident Energy (MeV)

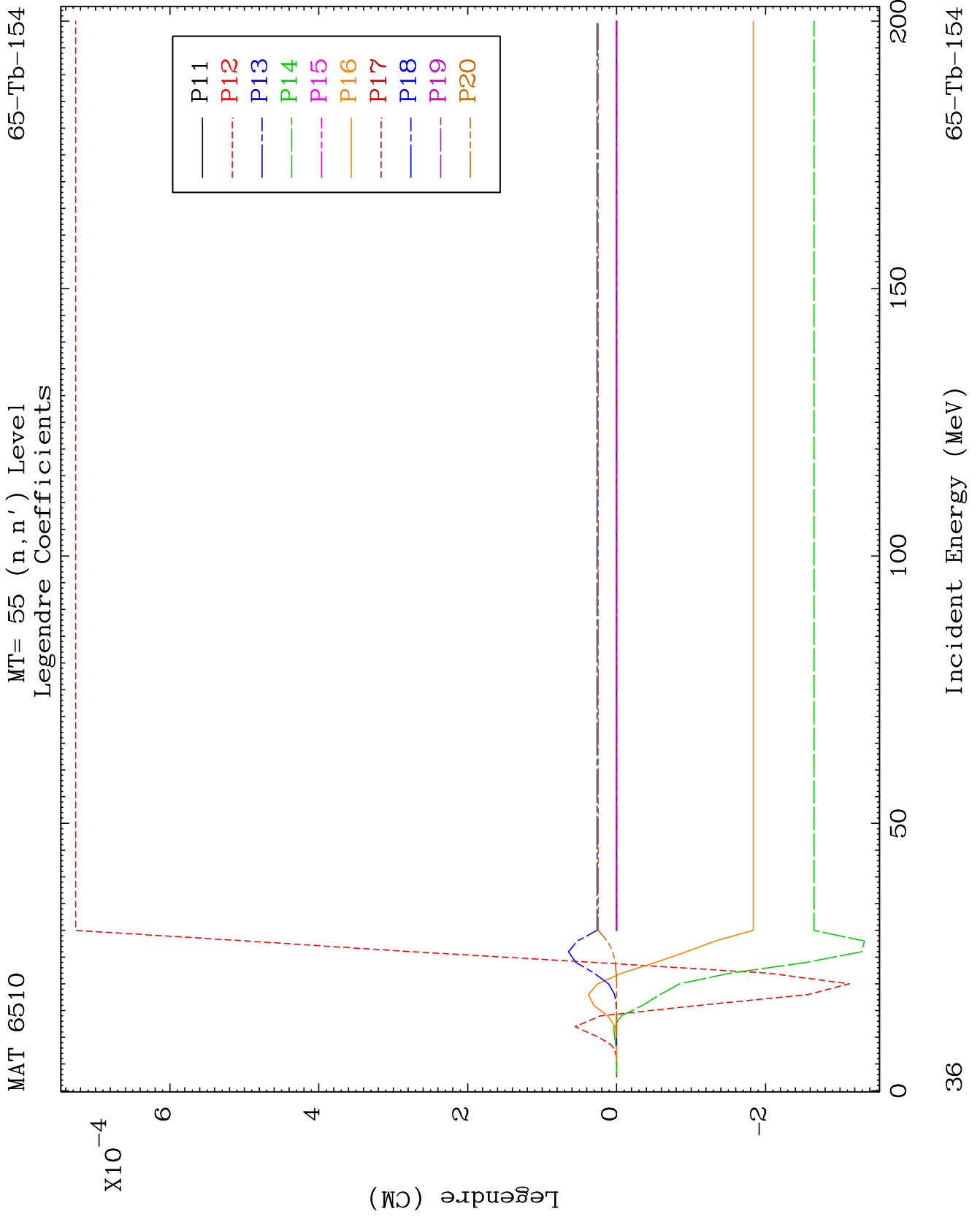
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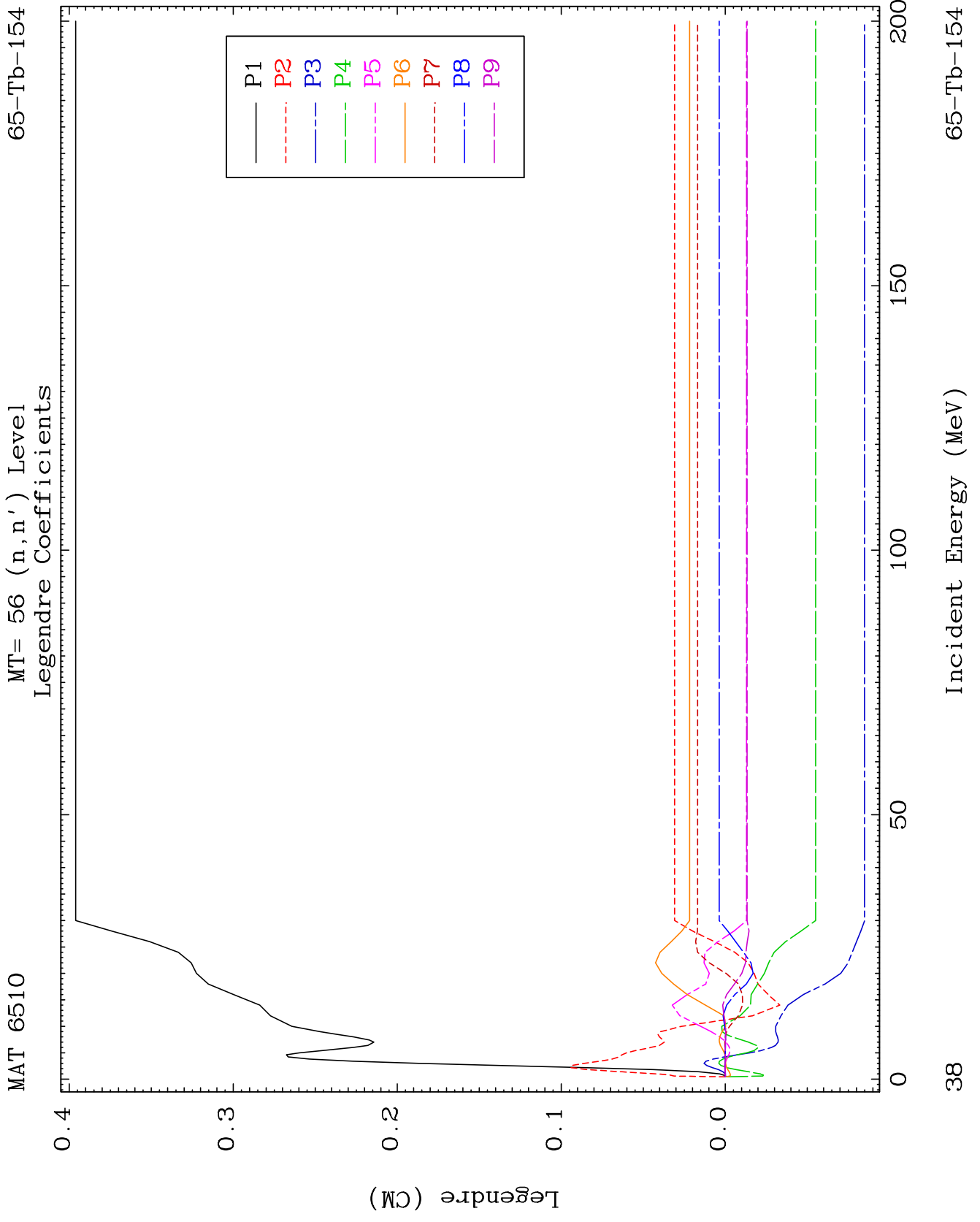


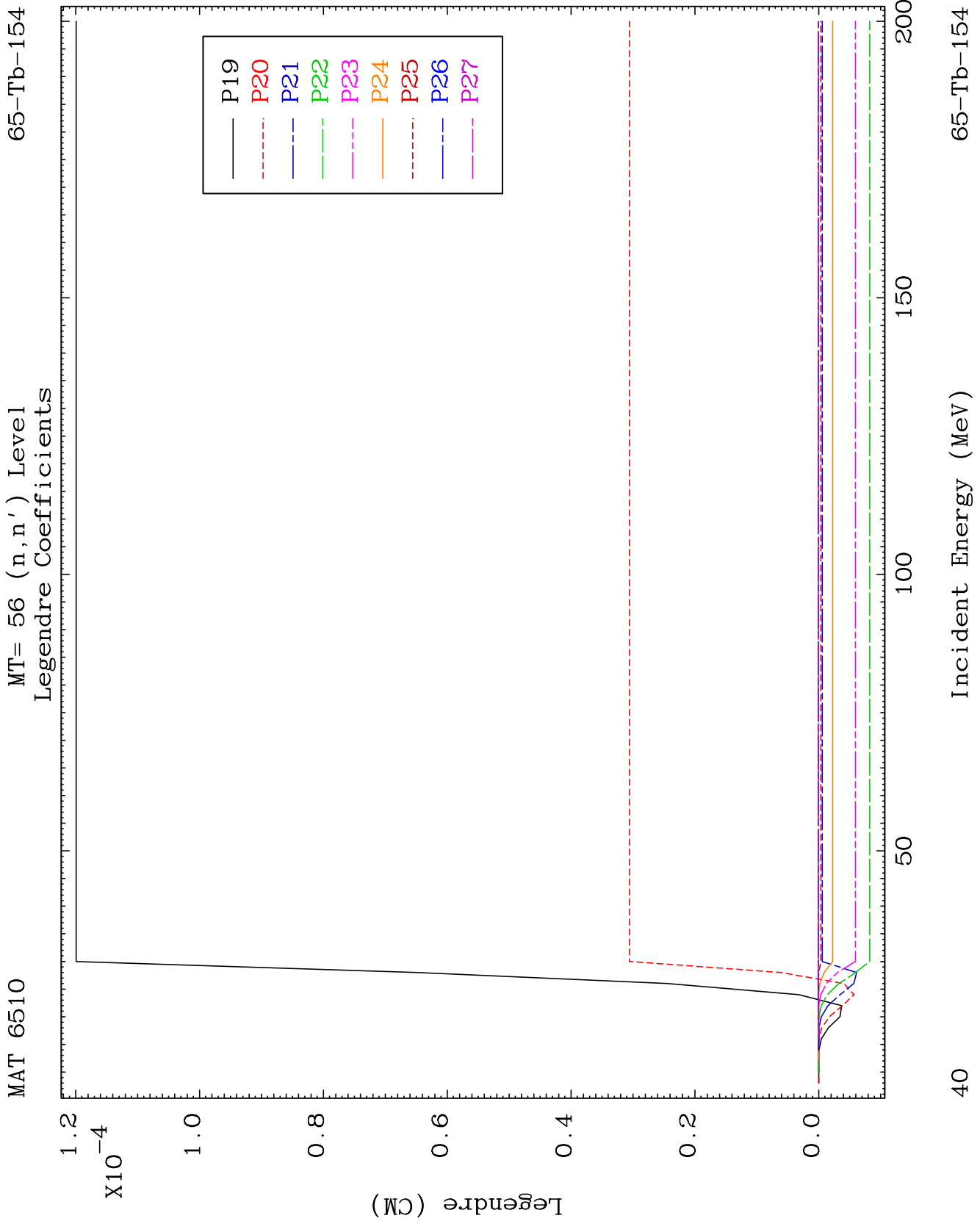


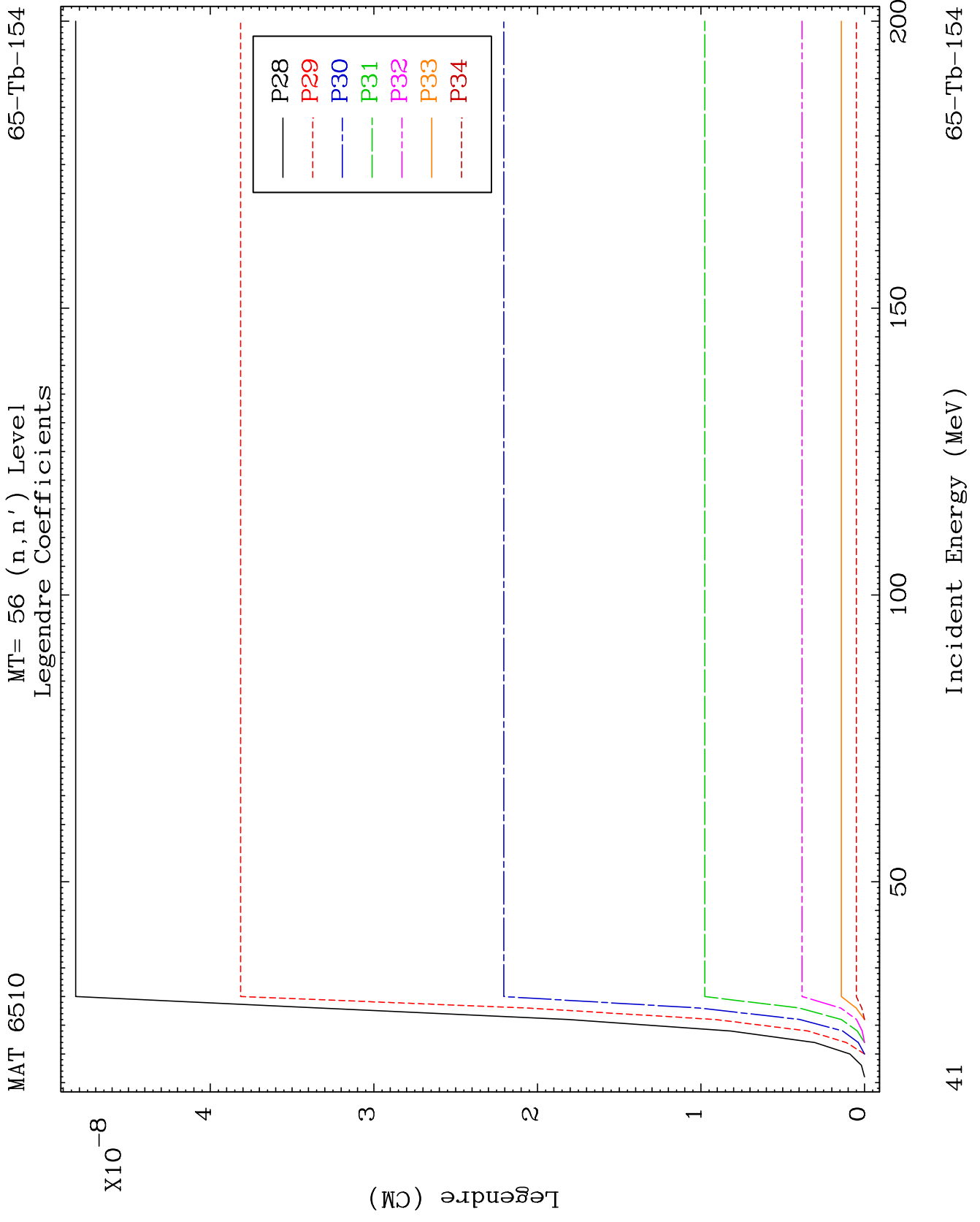


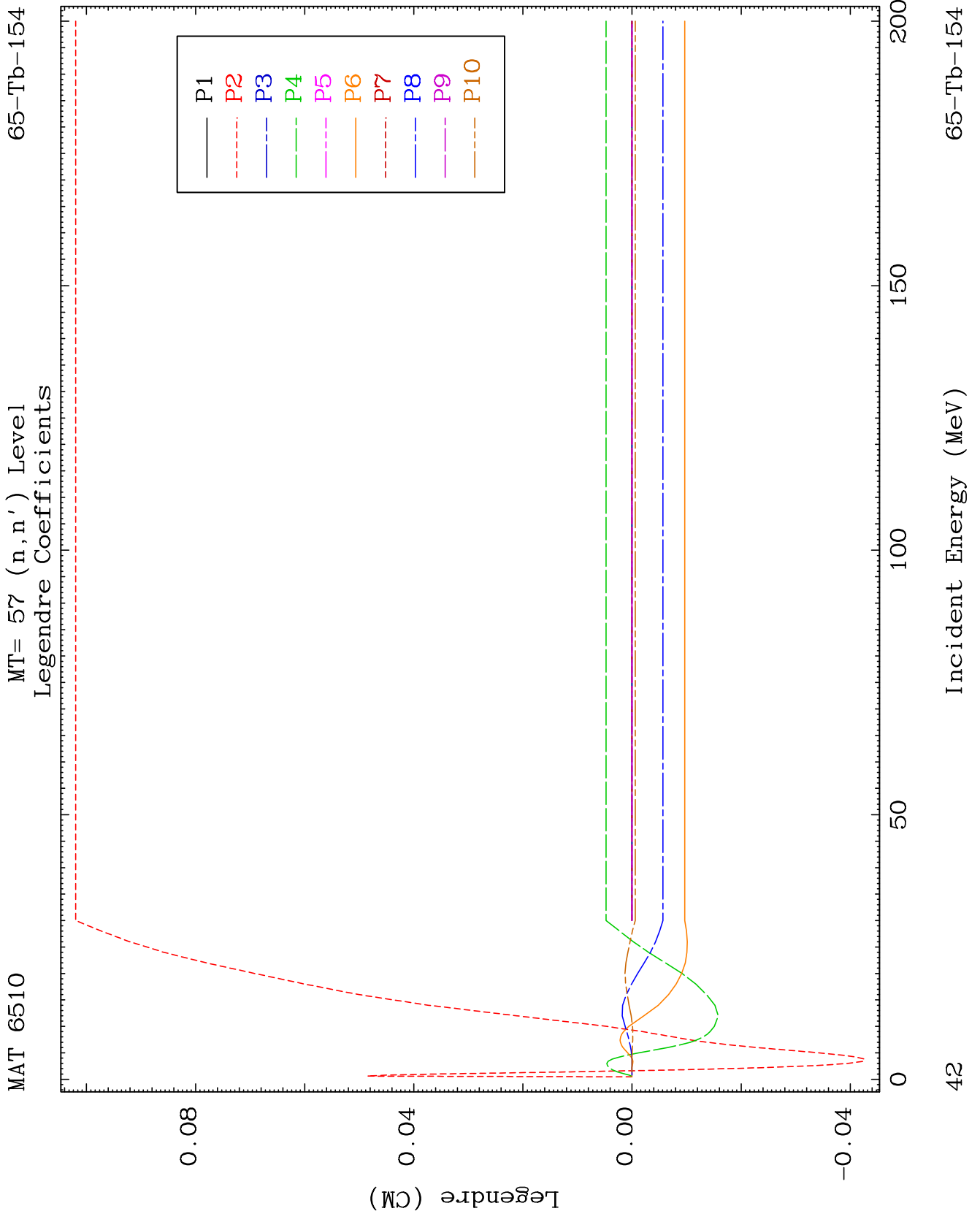


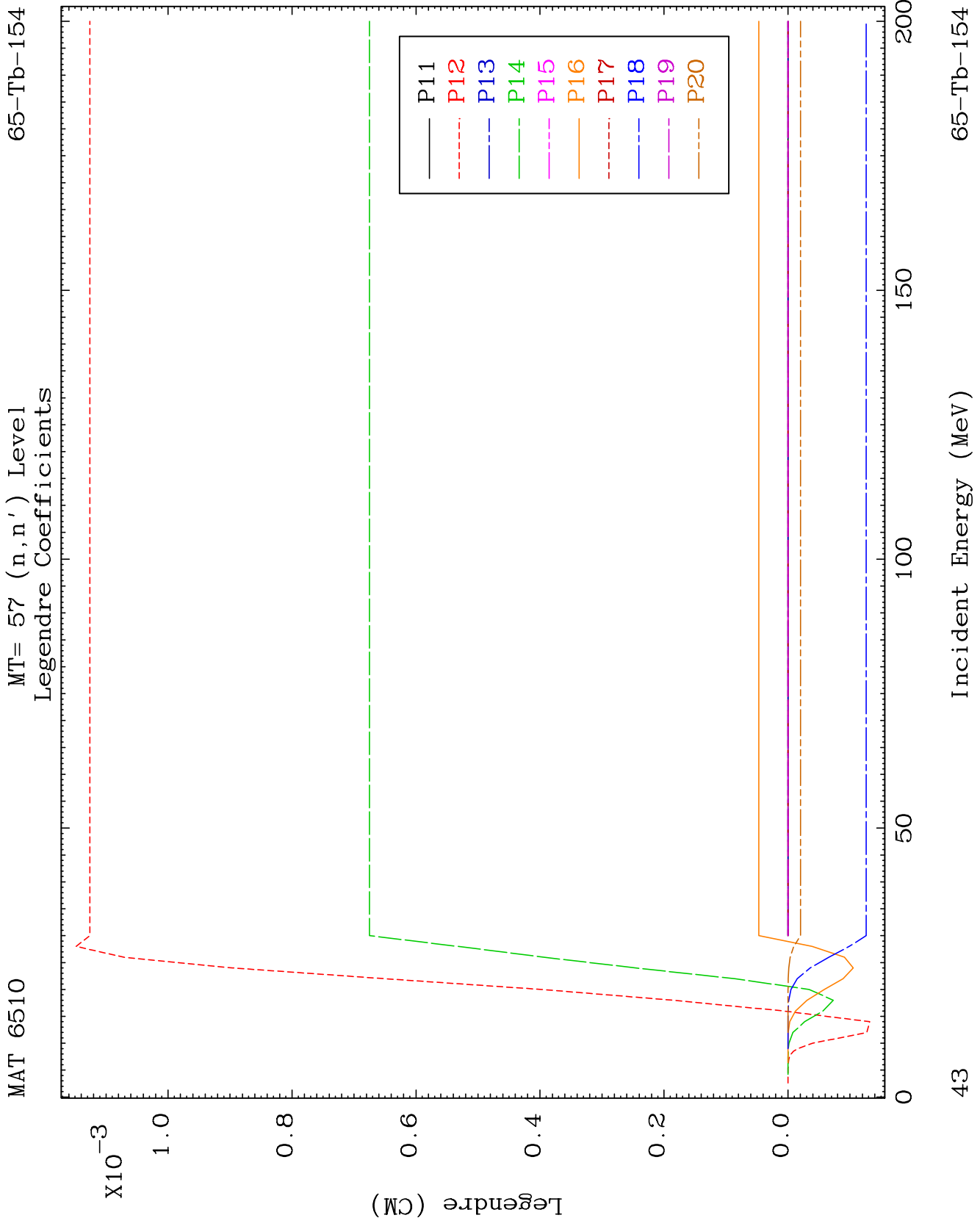


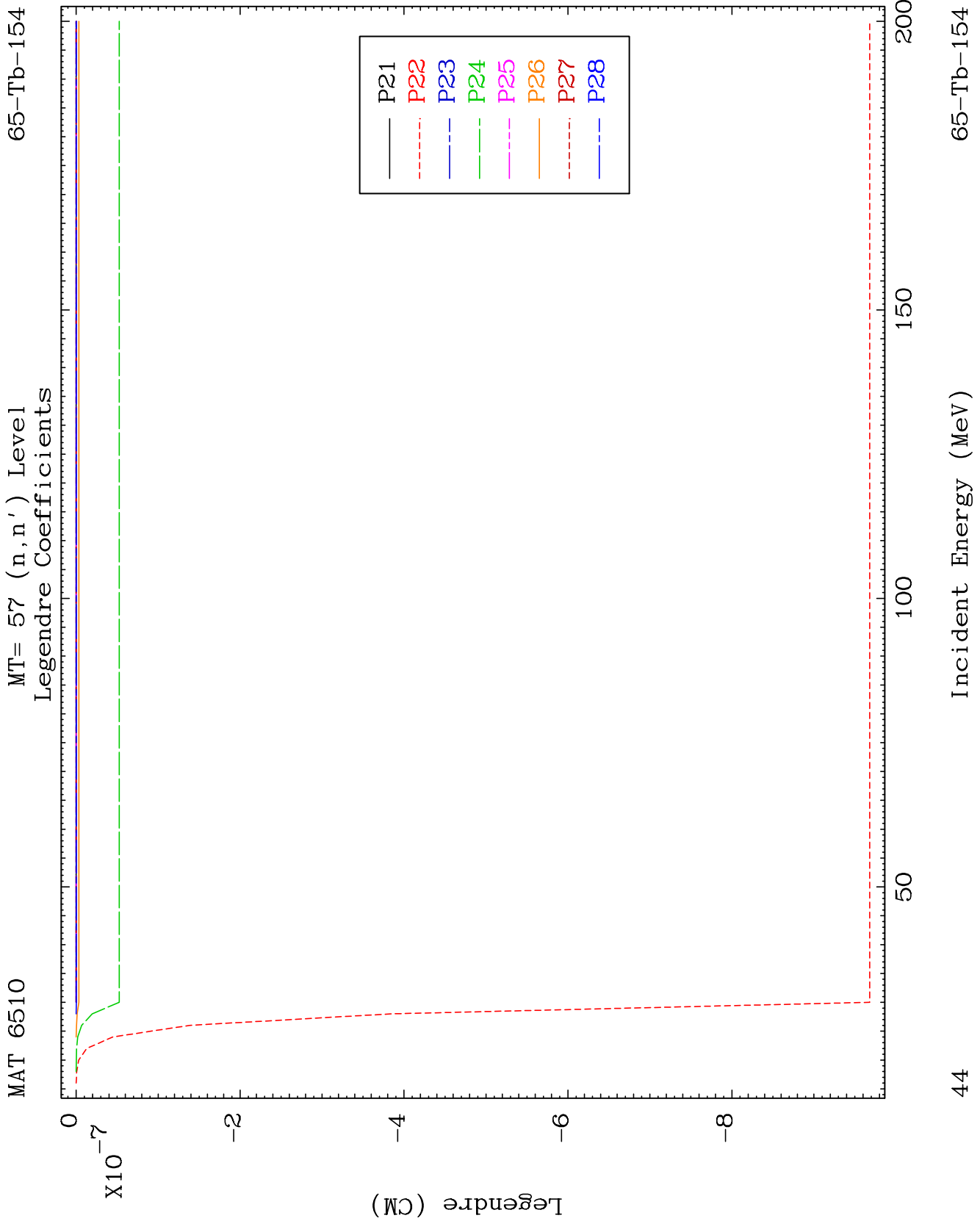


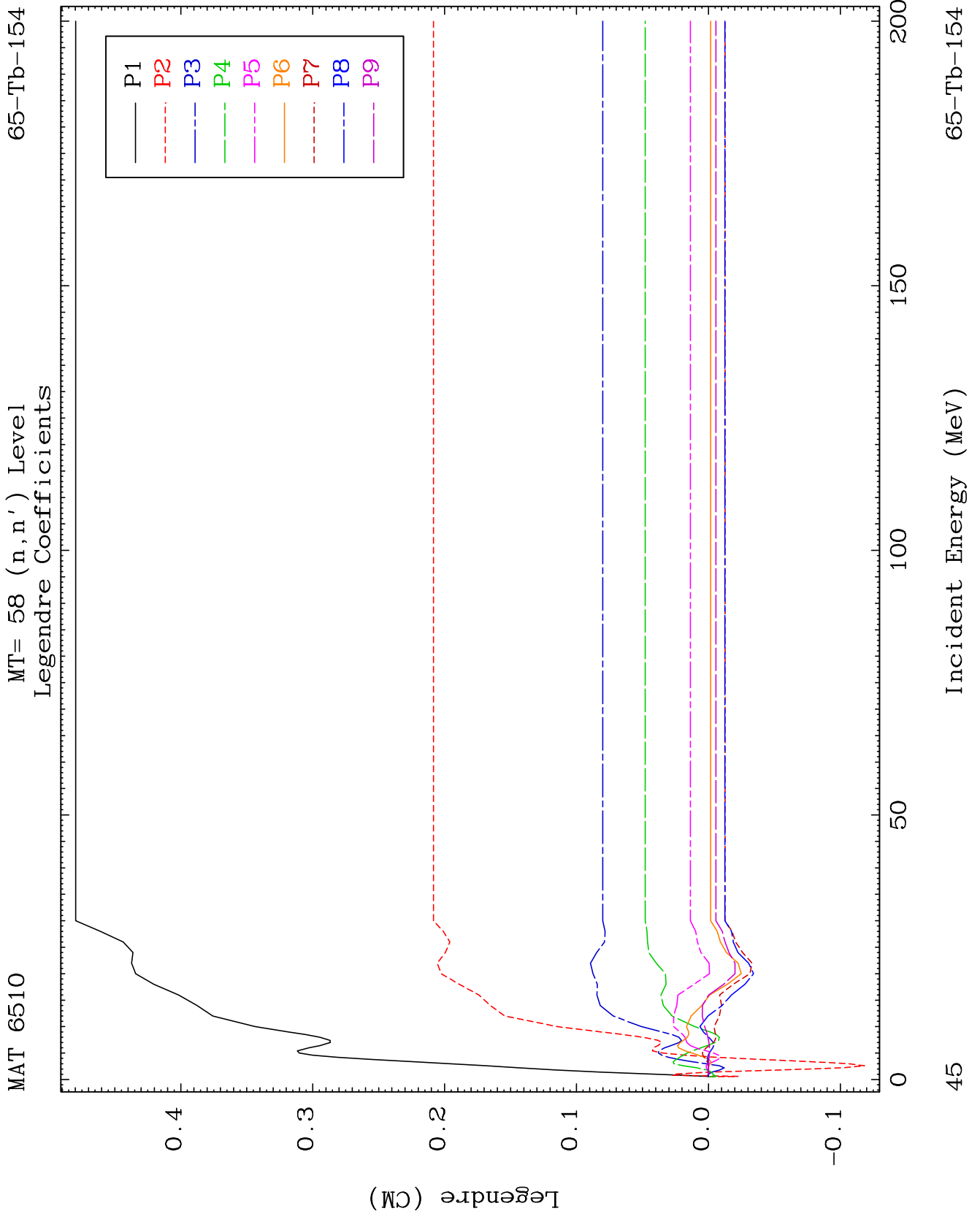


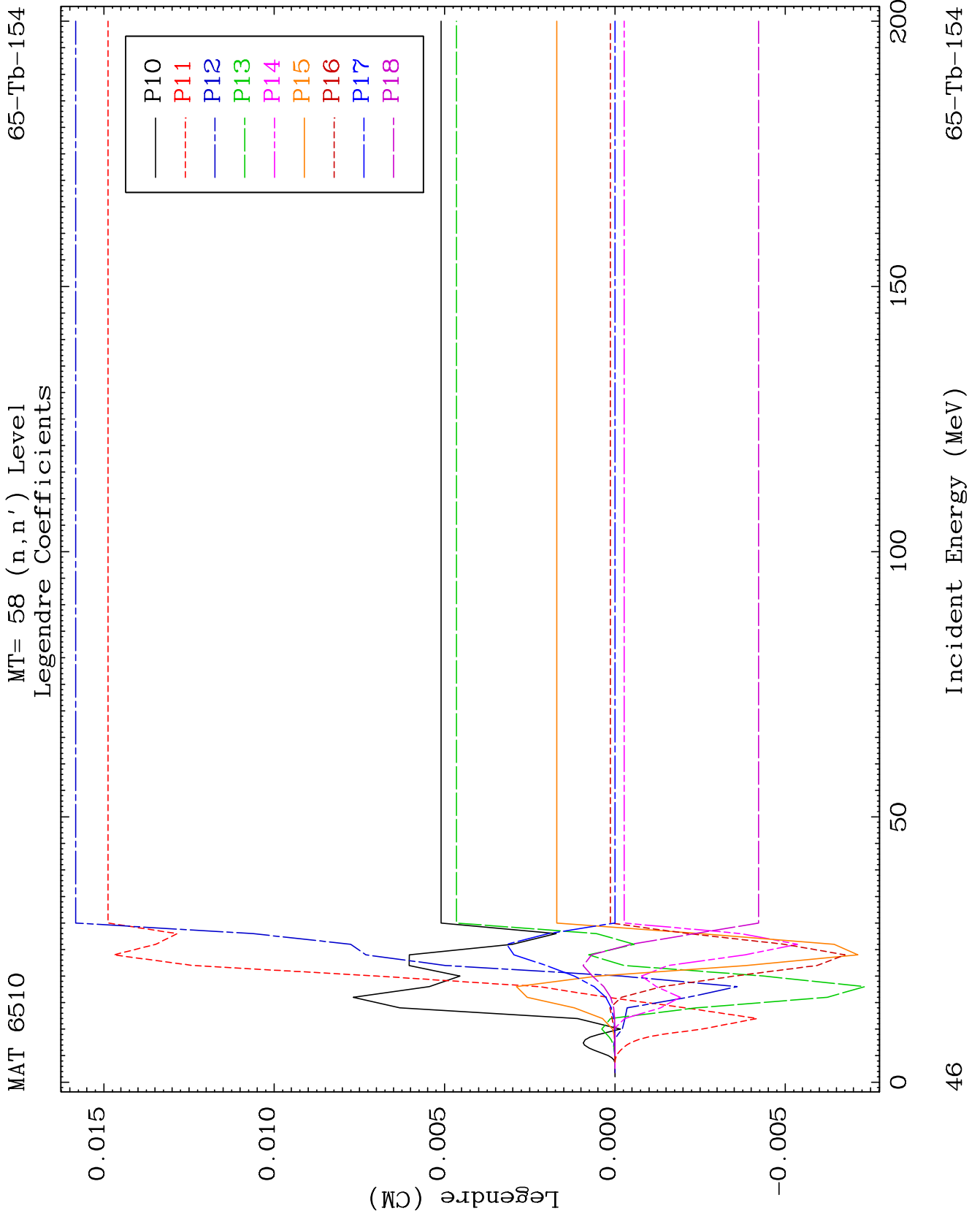


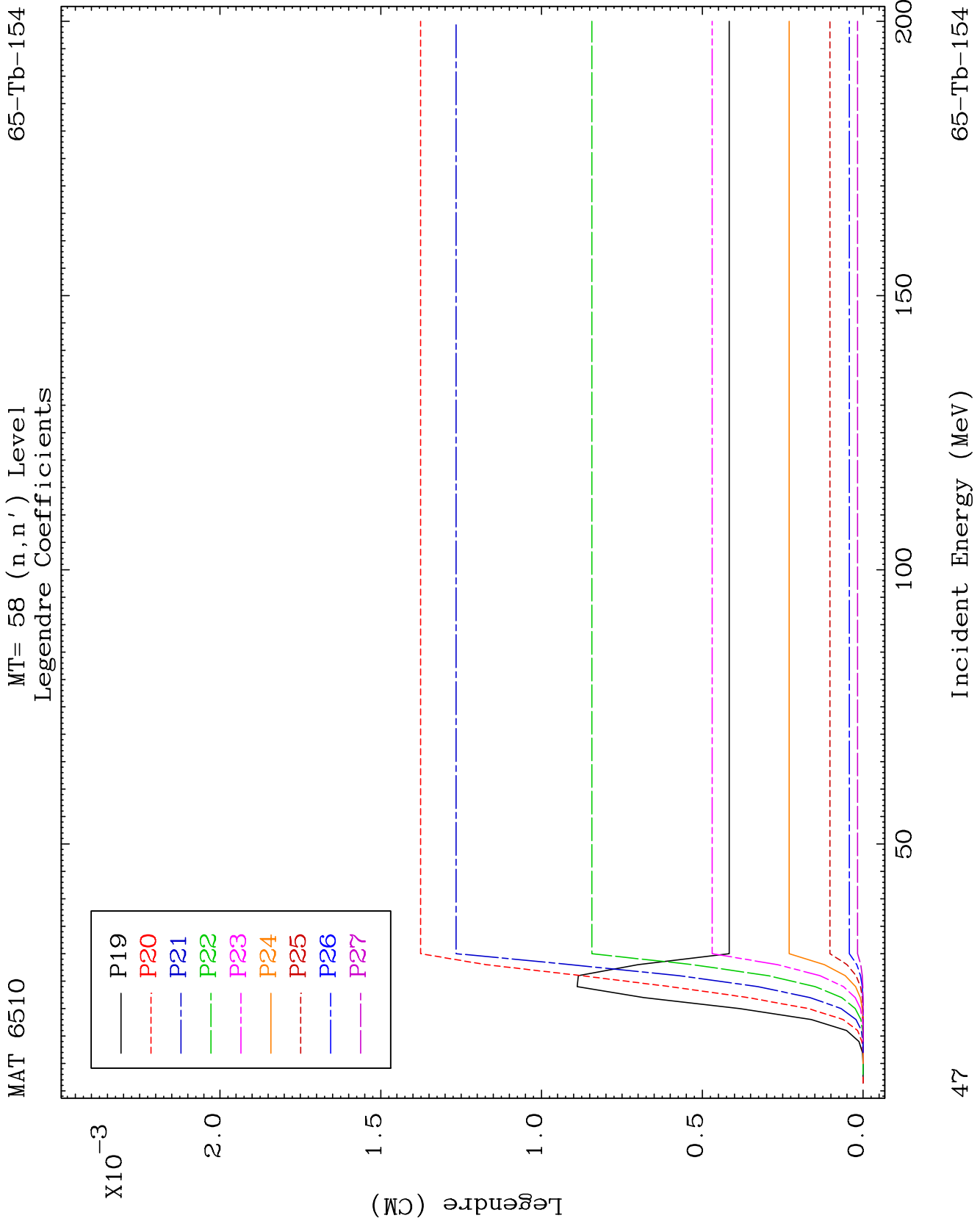


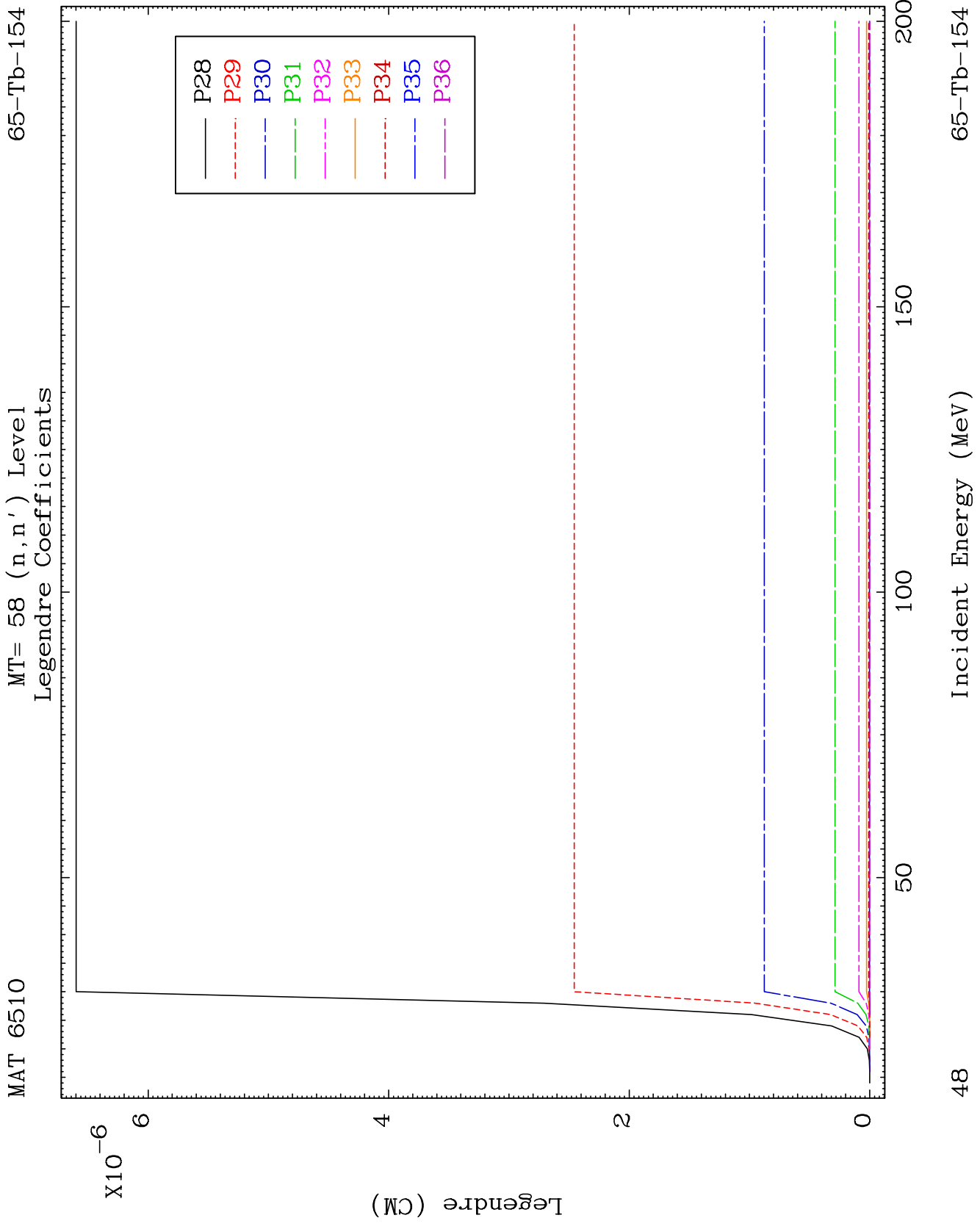


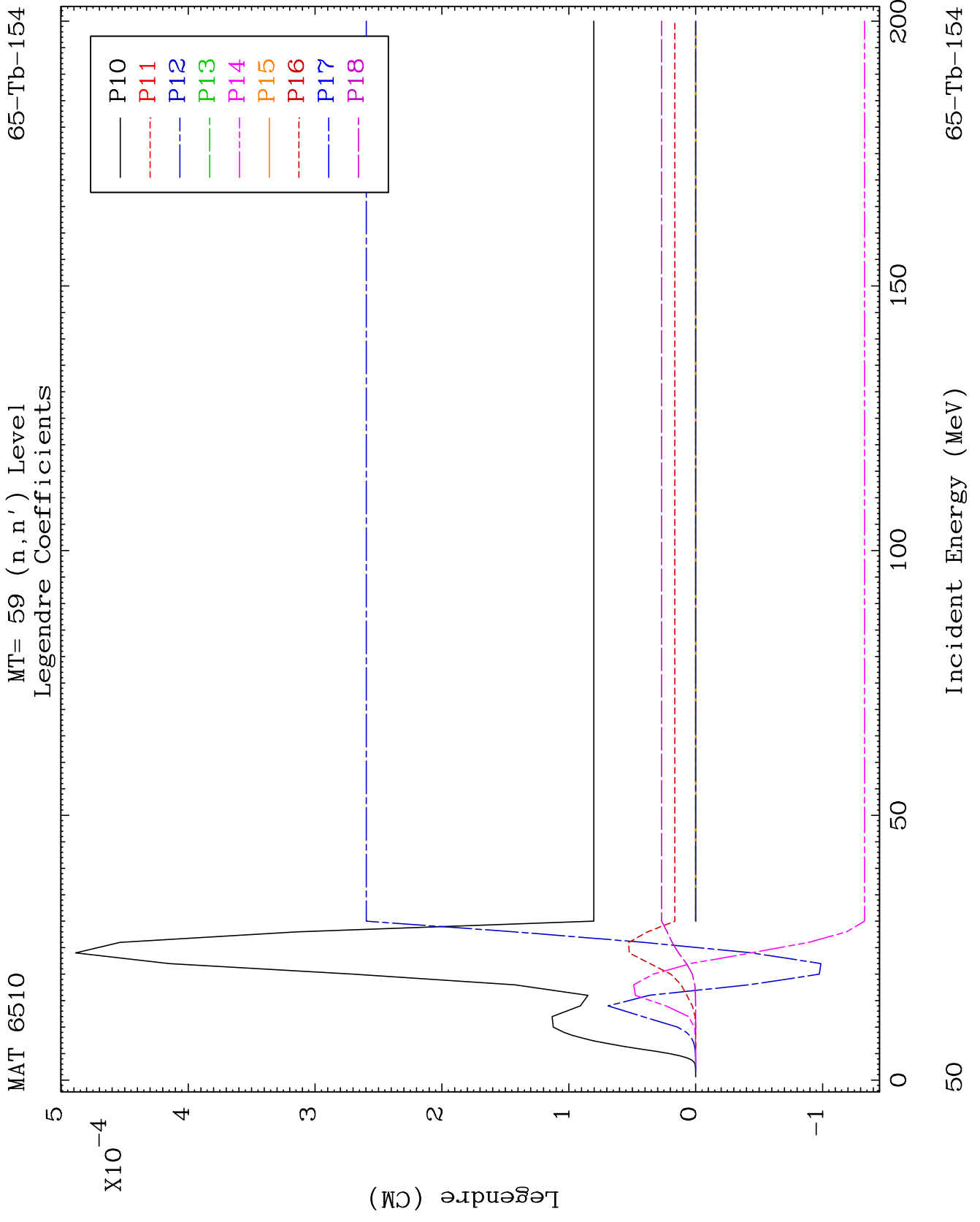








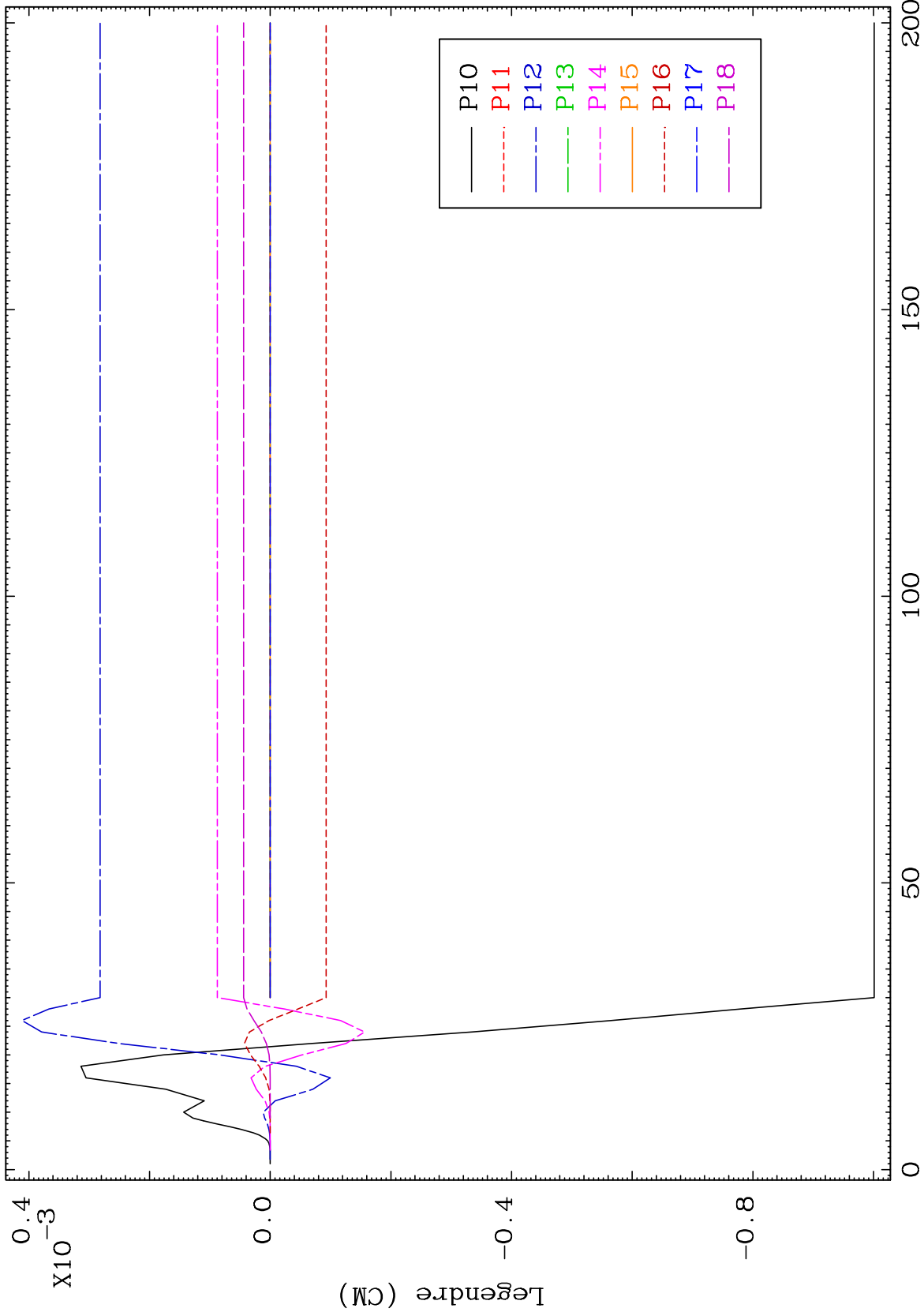




MAT 6510

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

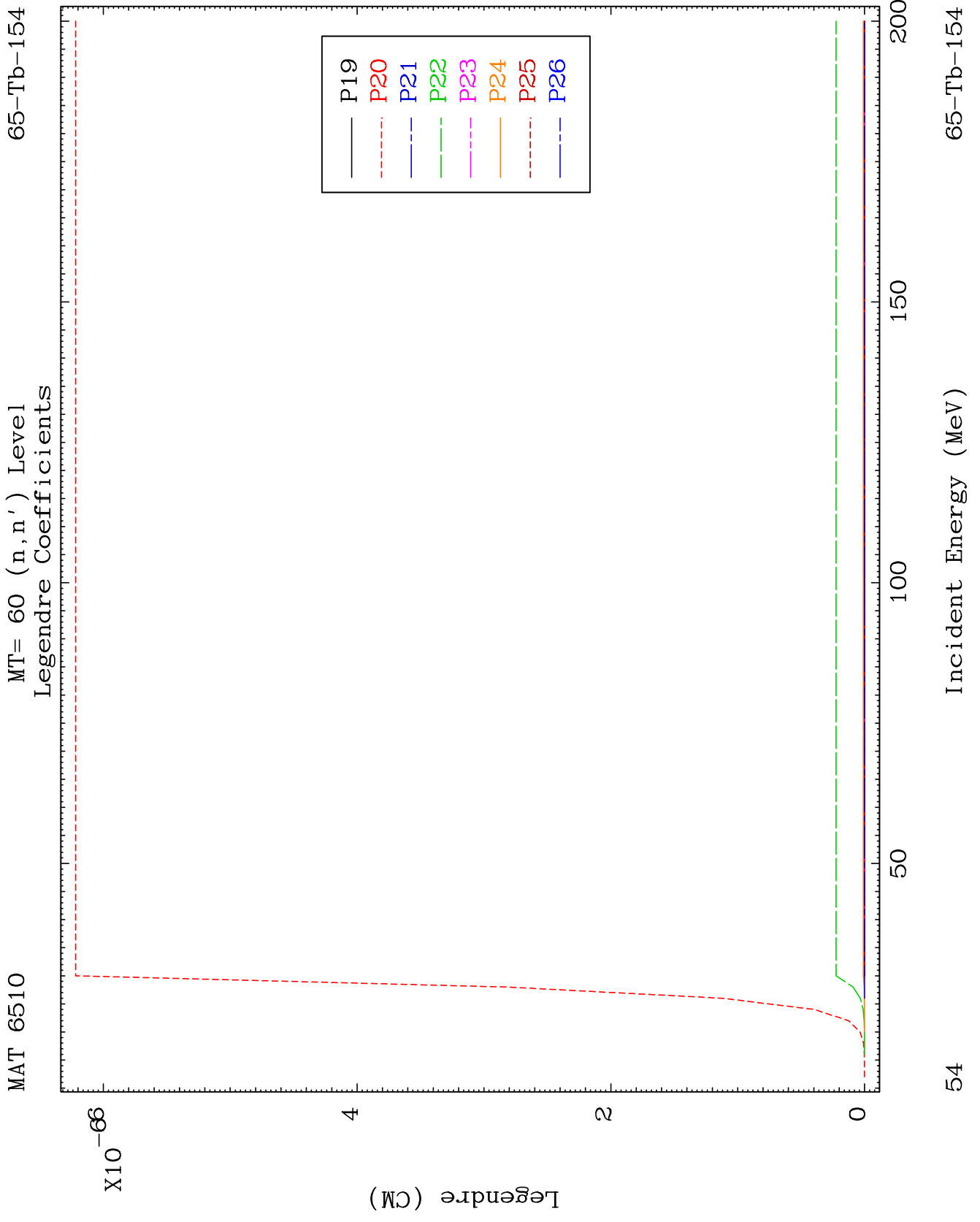
65-Tb-154

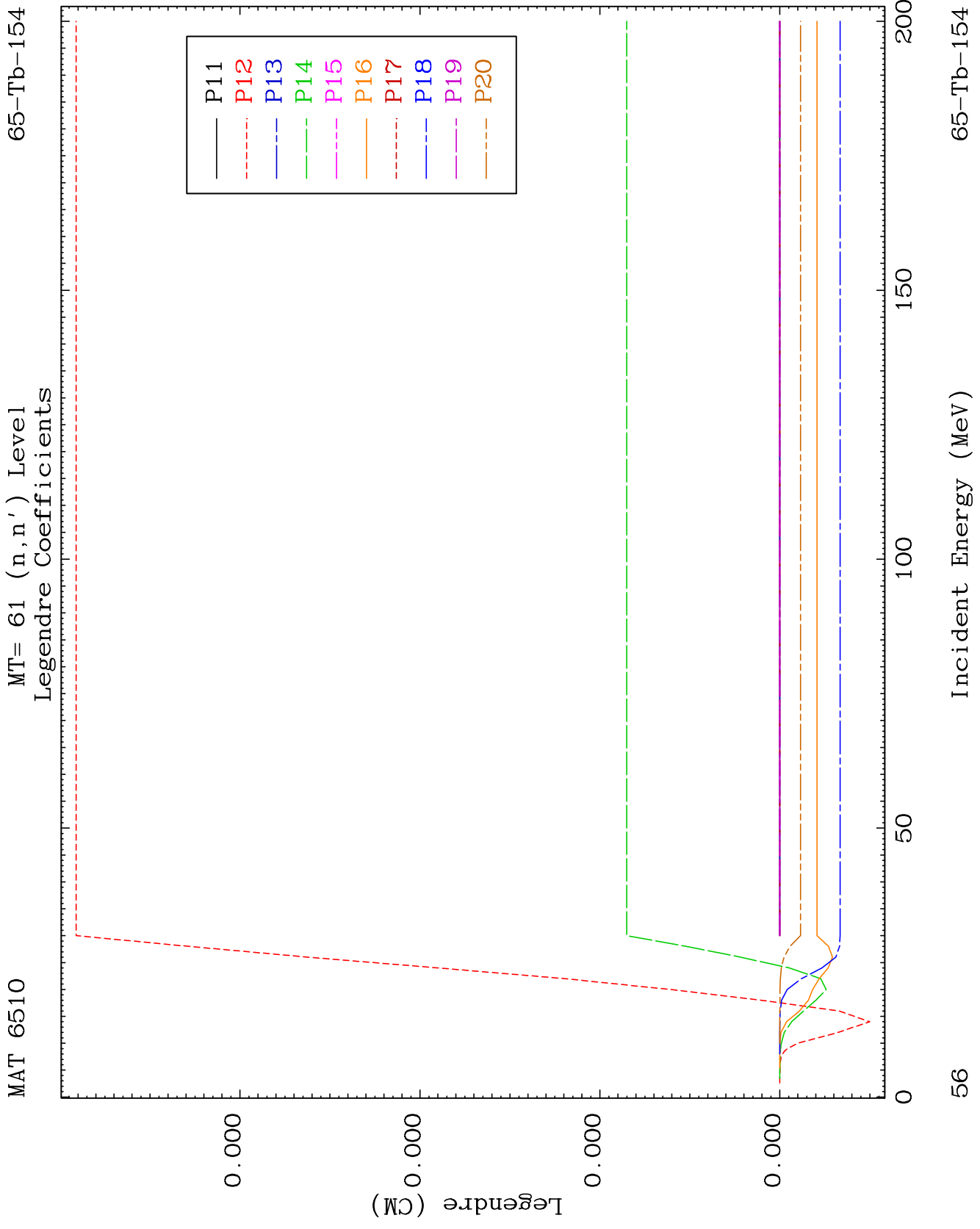


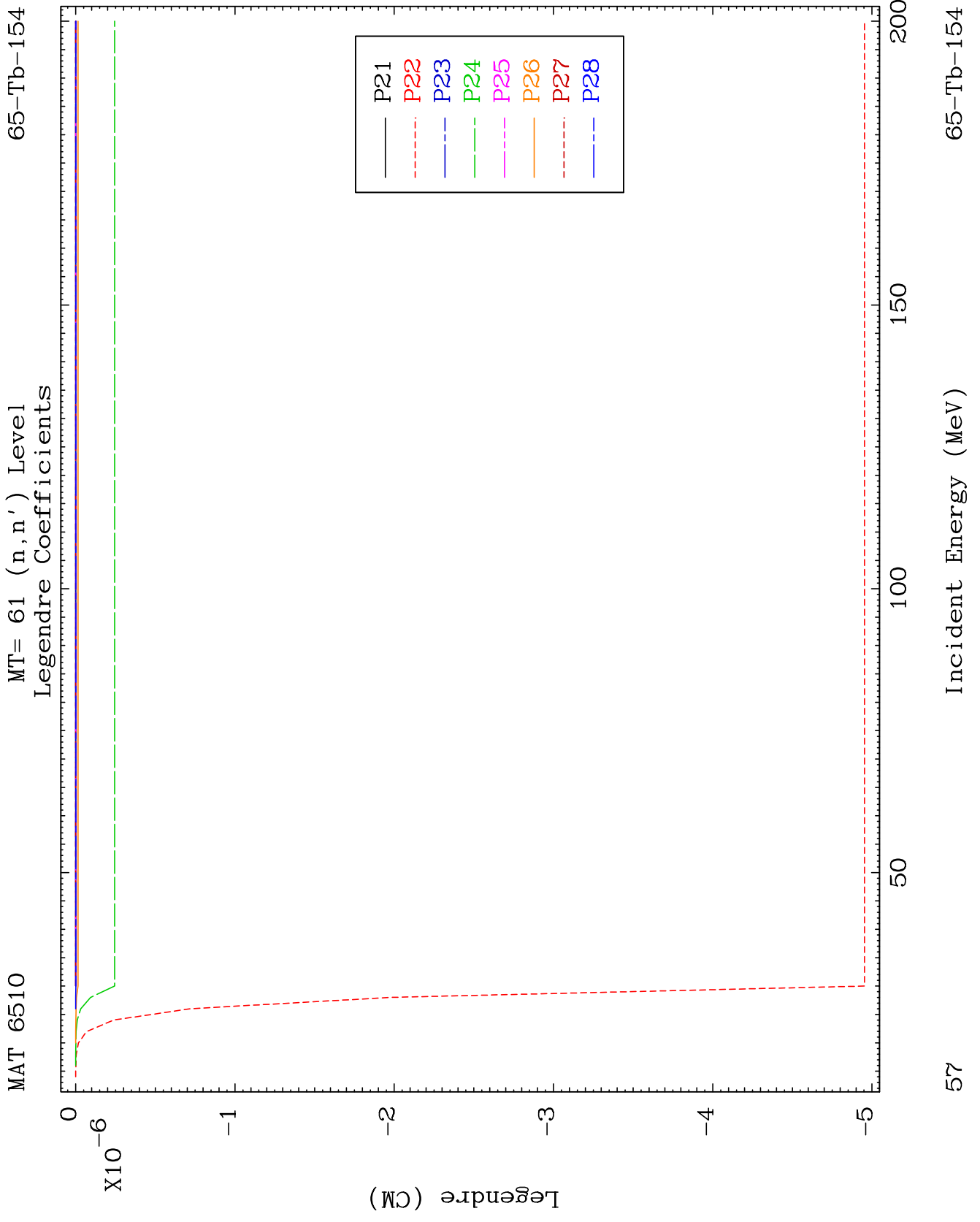
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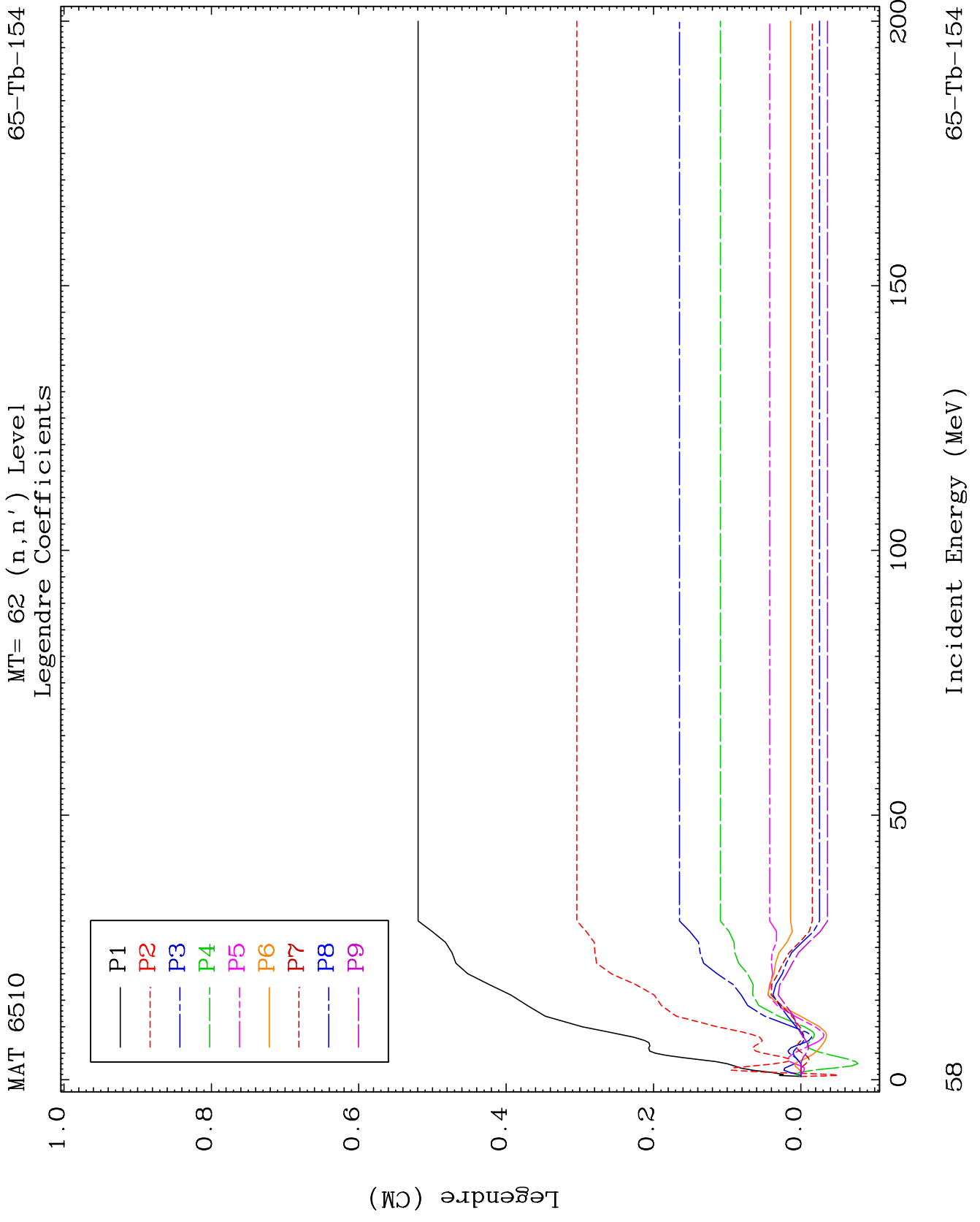
Incident Energy (MeV)

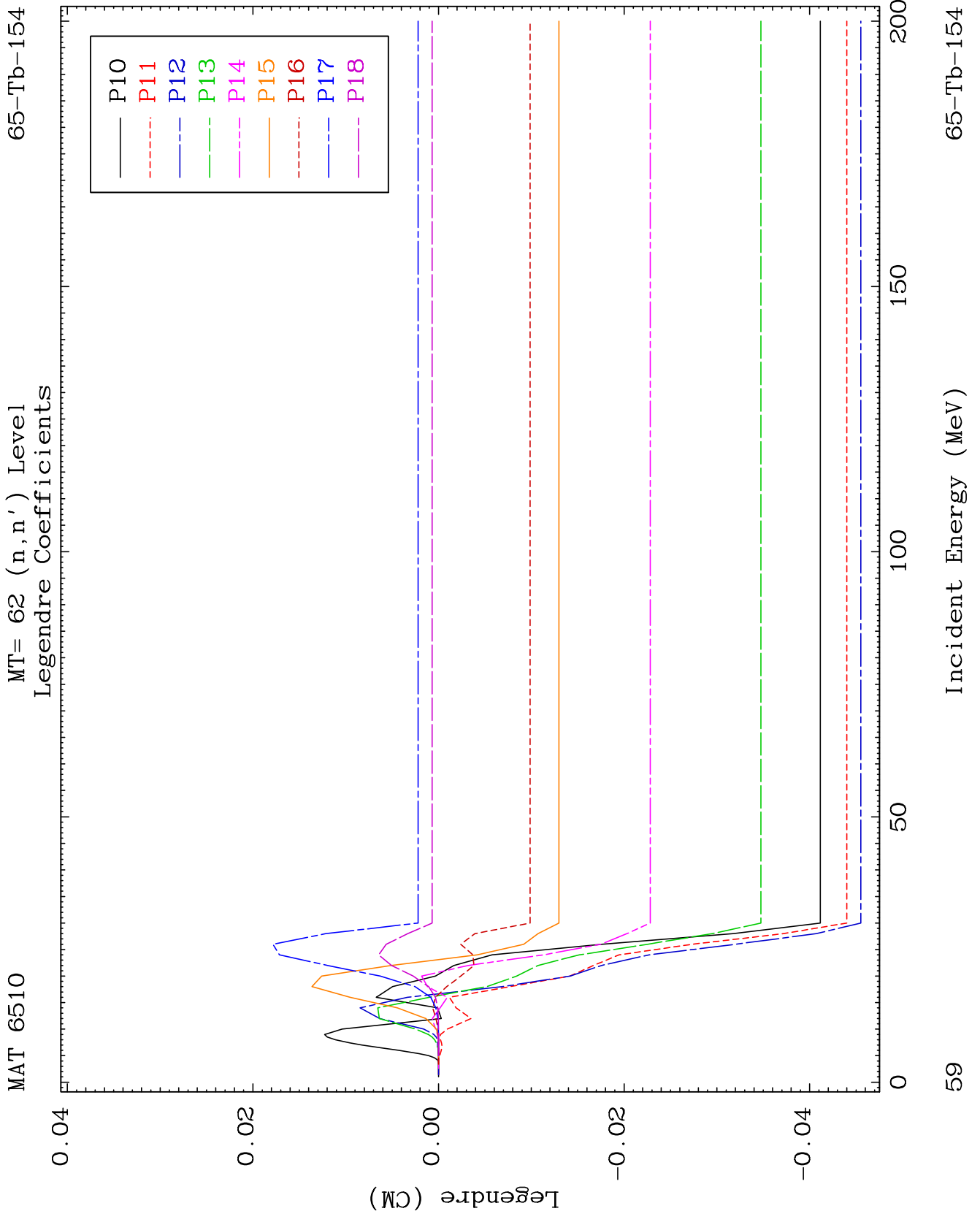
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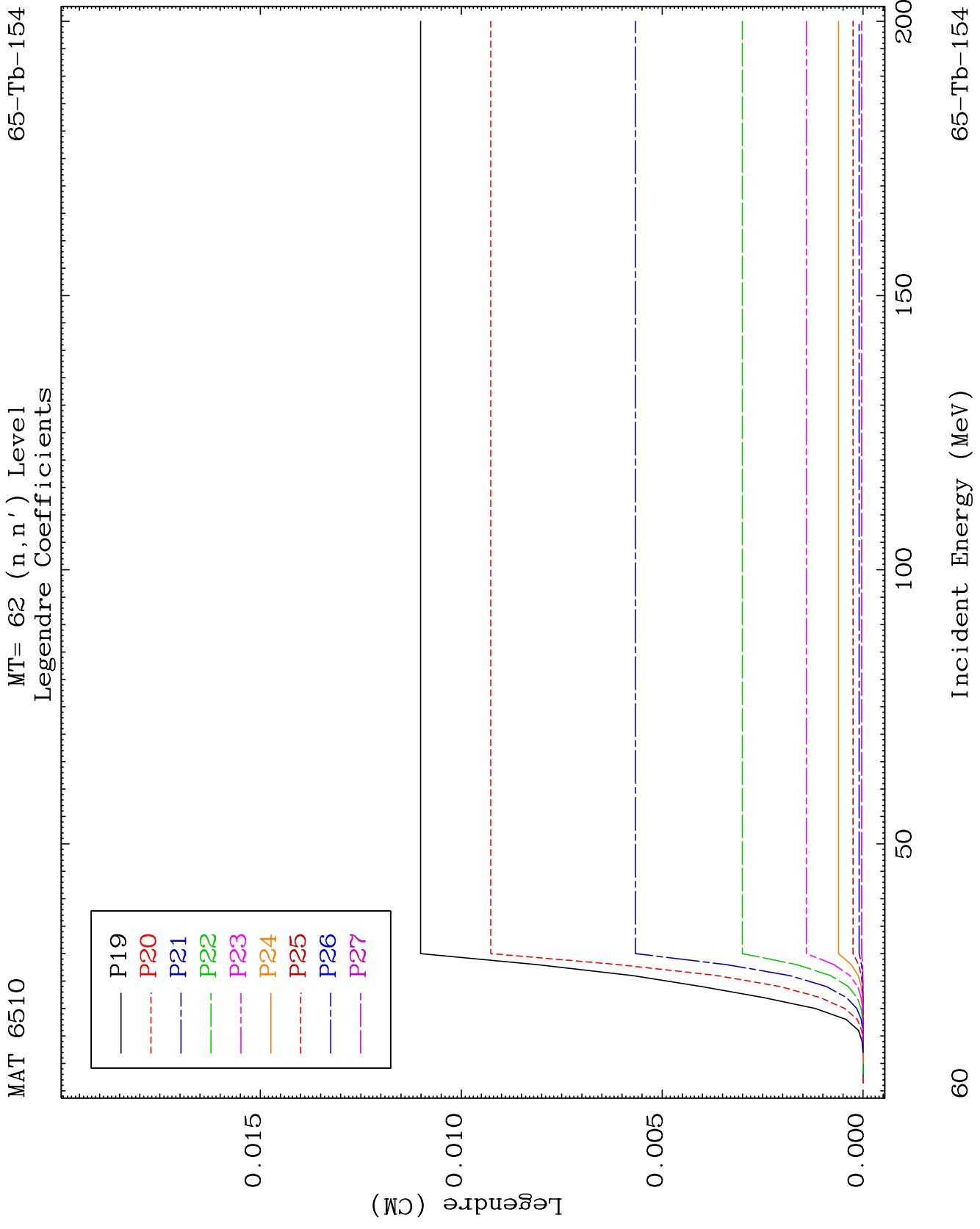








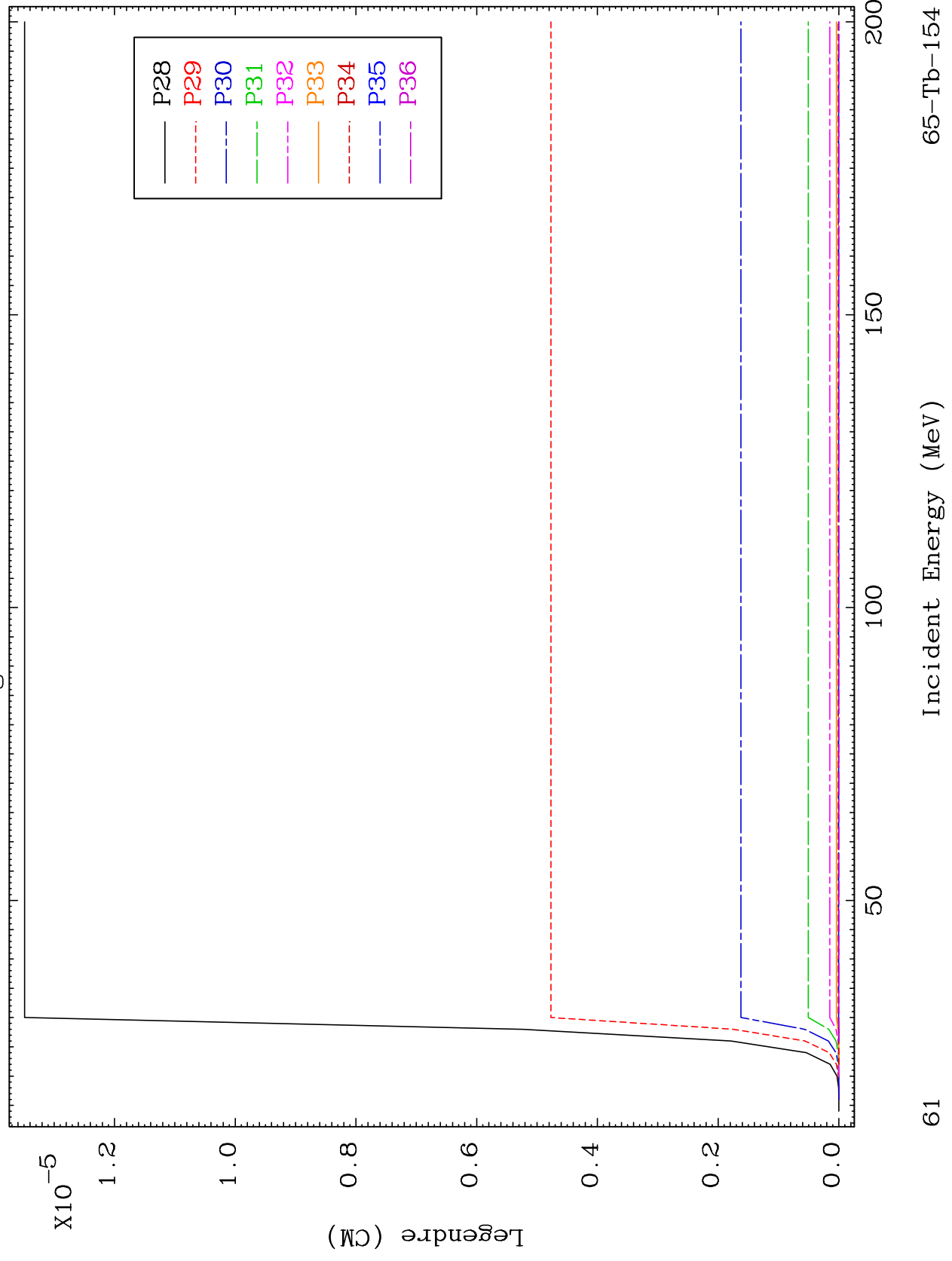




MAT 6510

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

65-Tb-154

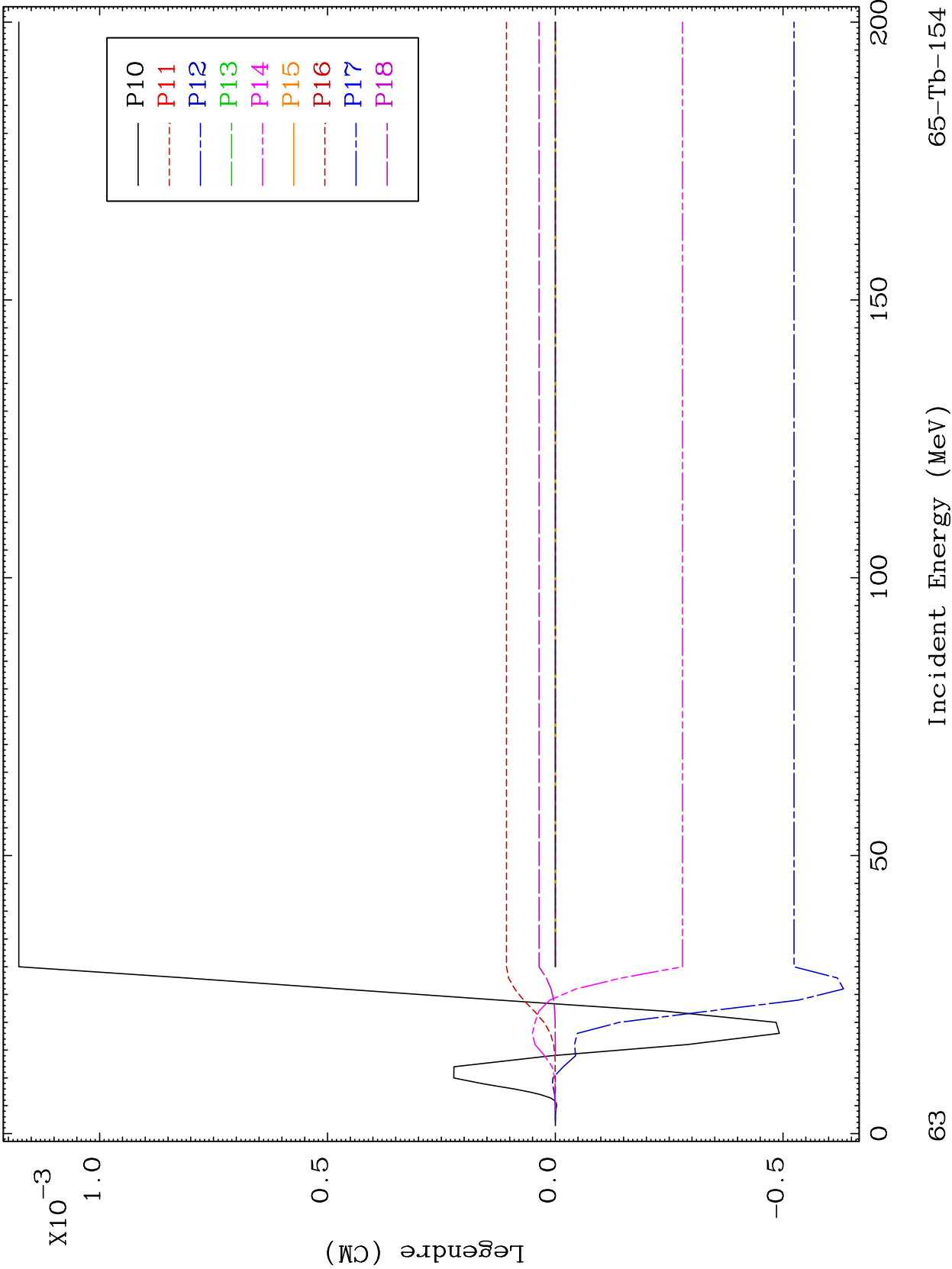


61

MAT 6510

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

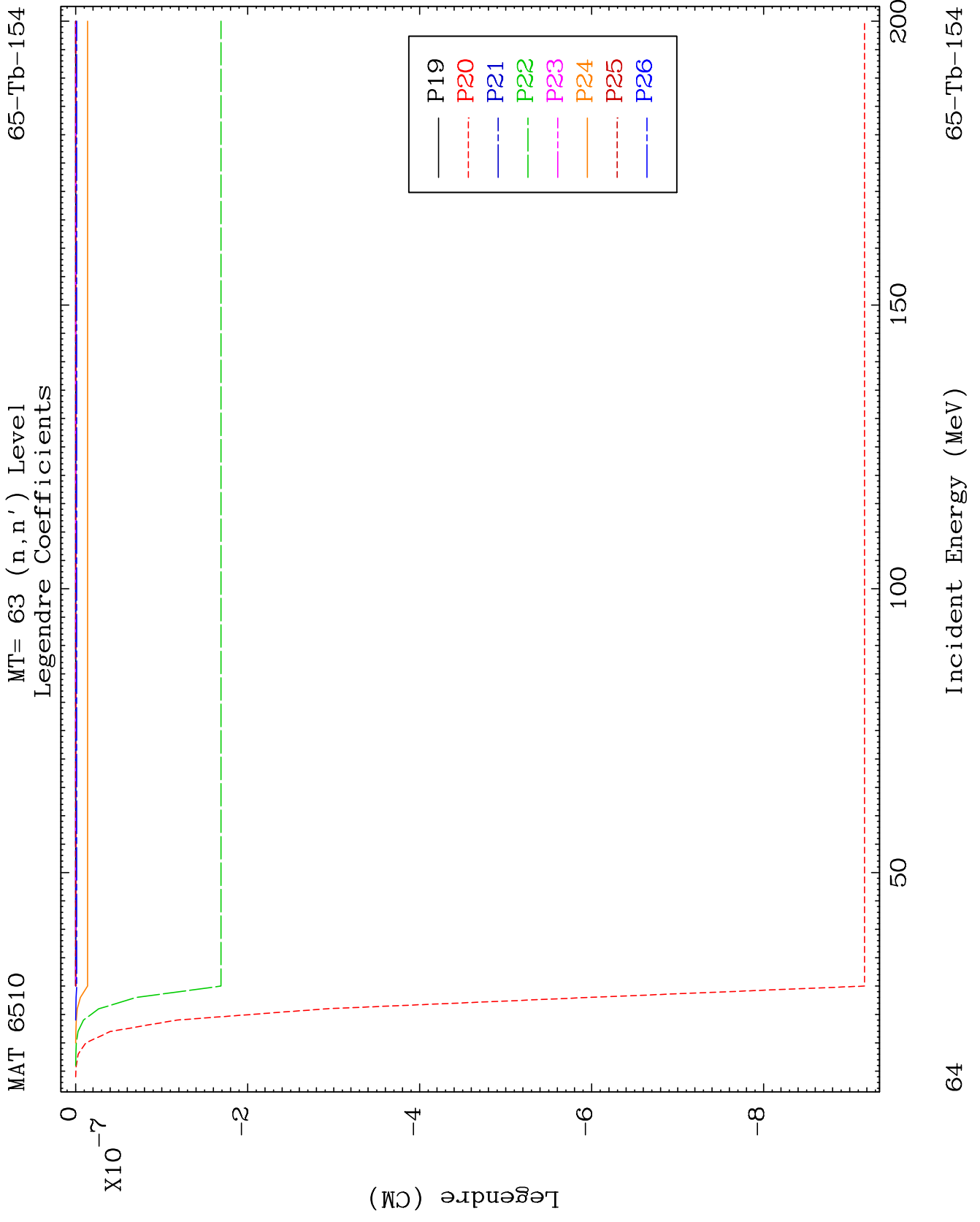
65-Tb-154



63

Incident Energy (MeV)

65-Tb-154

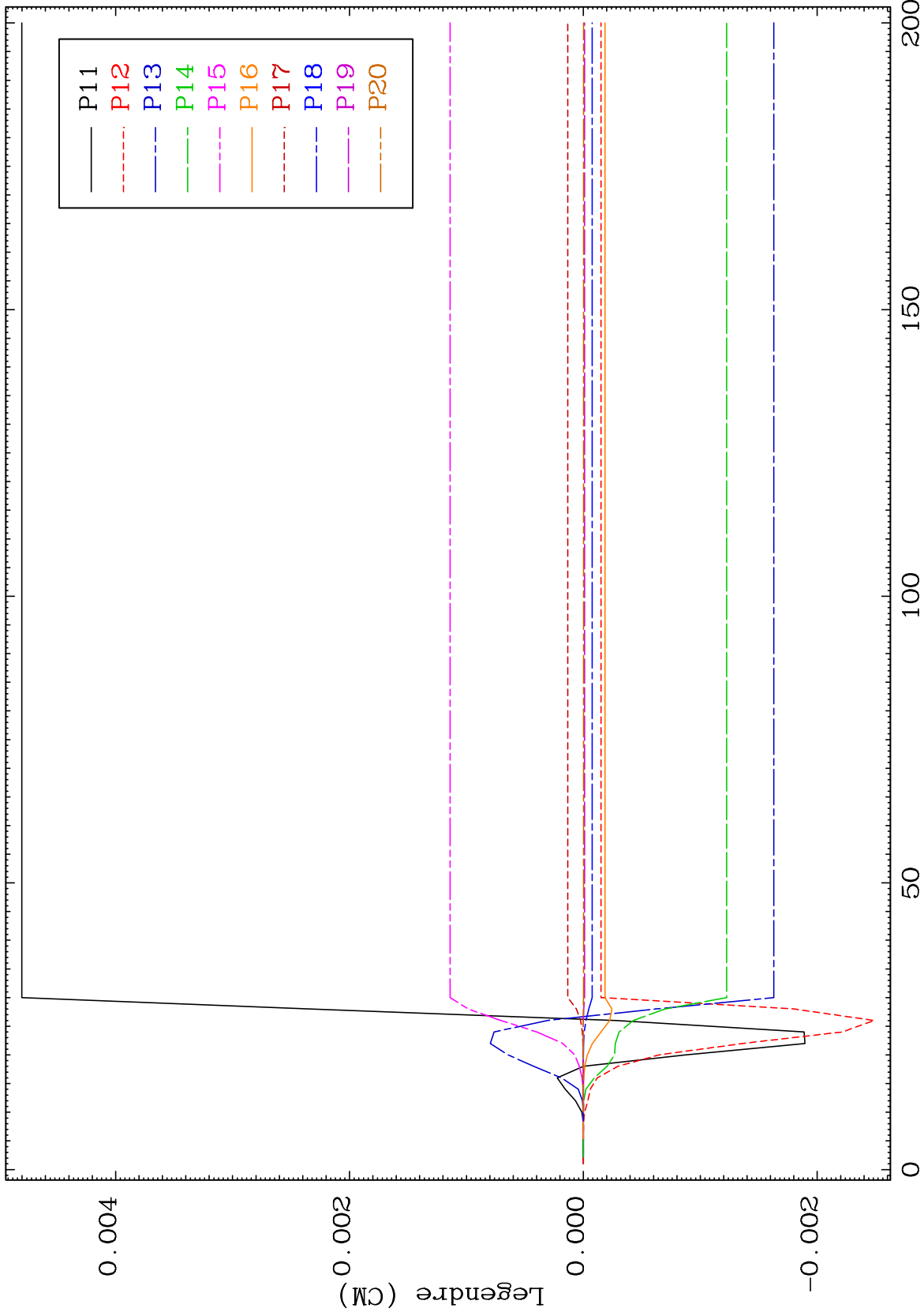


MAT 6510

MT= 64 (n,n') Level

65-Tb-154

Legendre Coefficients



66

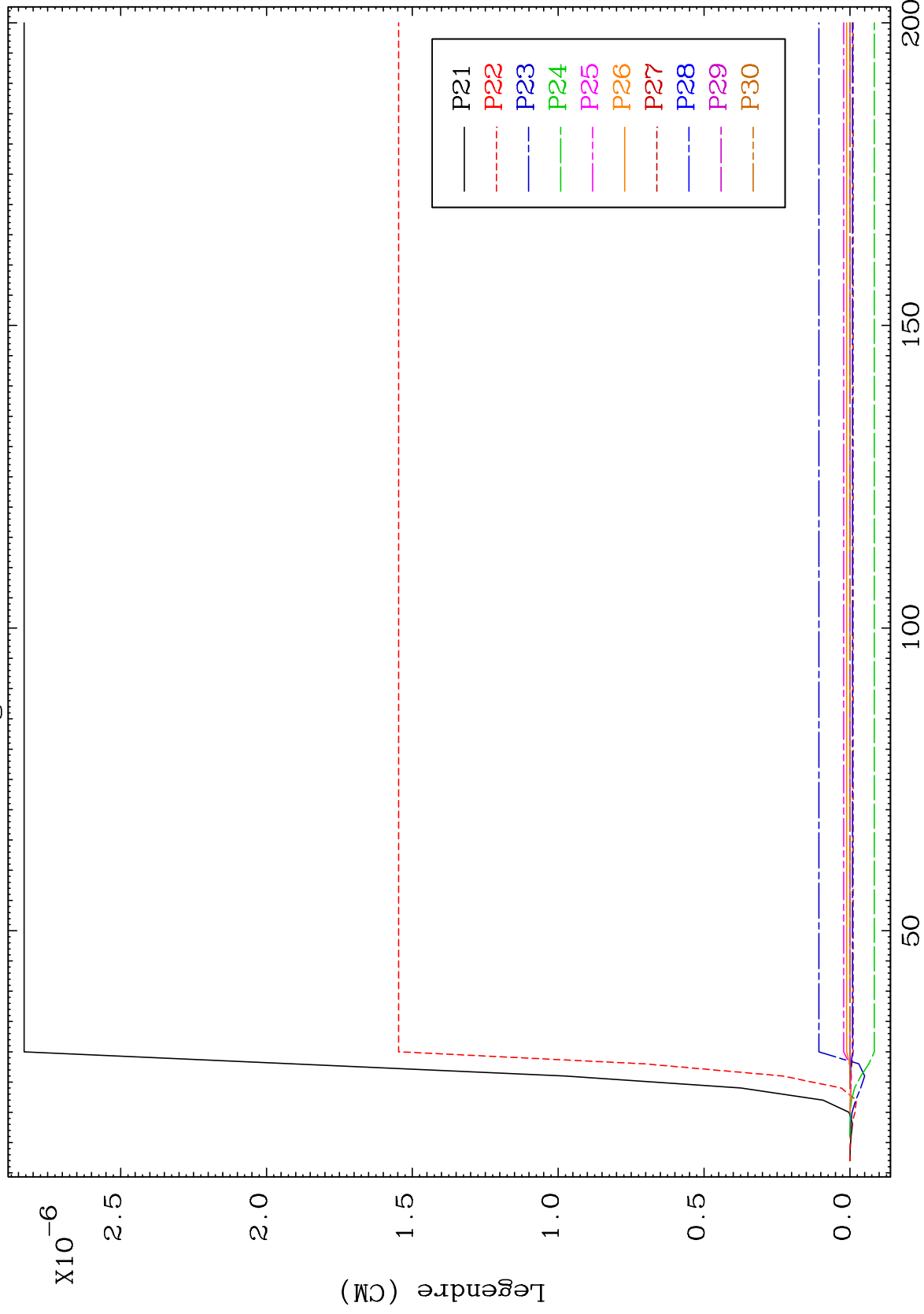
Incident Energy (MeV)

65-Tb-154

MAT 6510

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

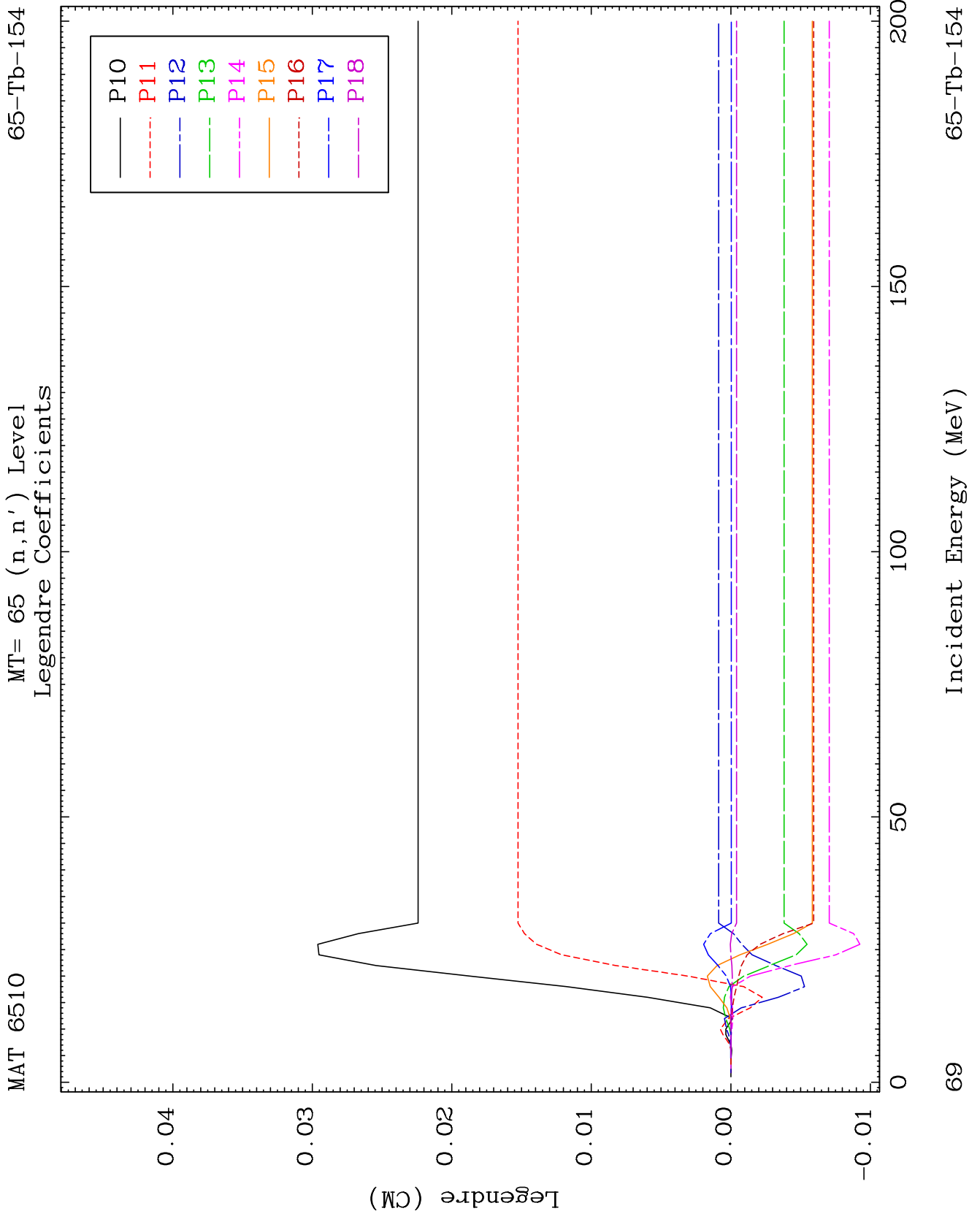
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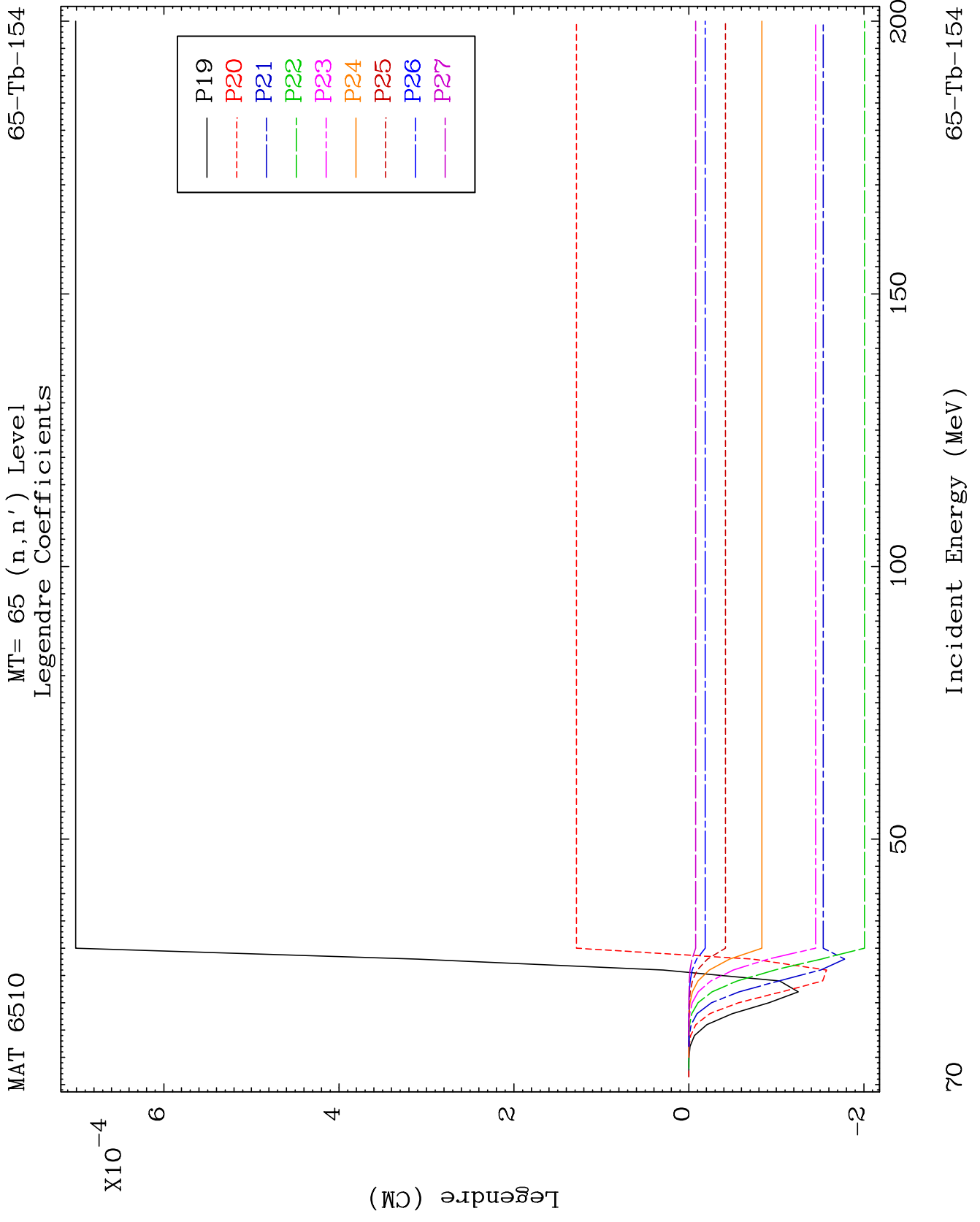


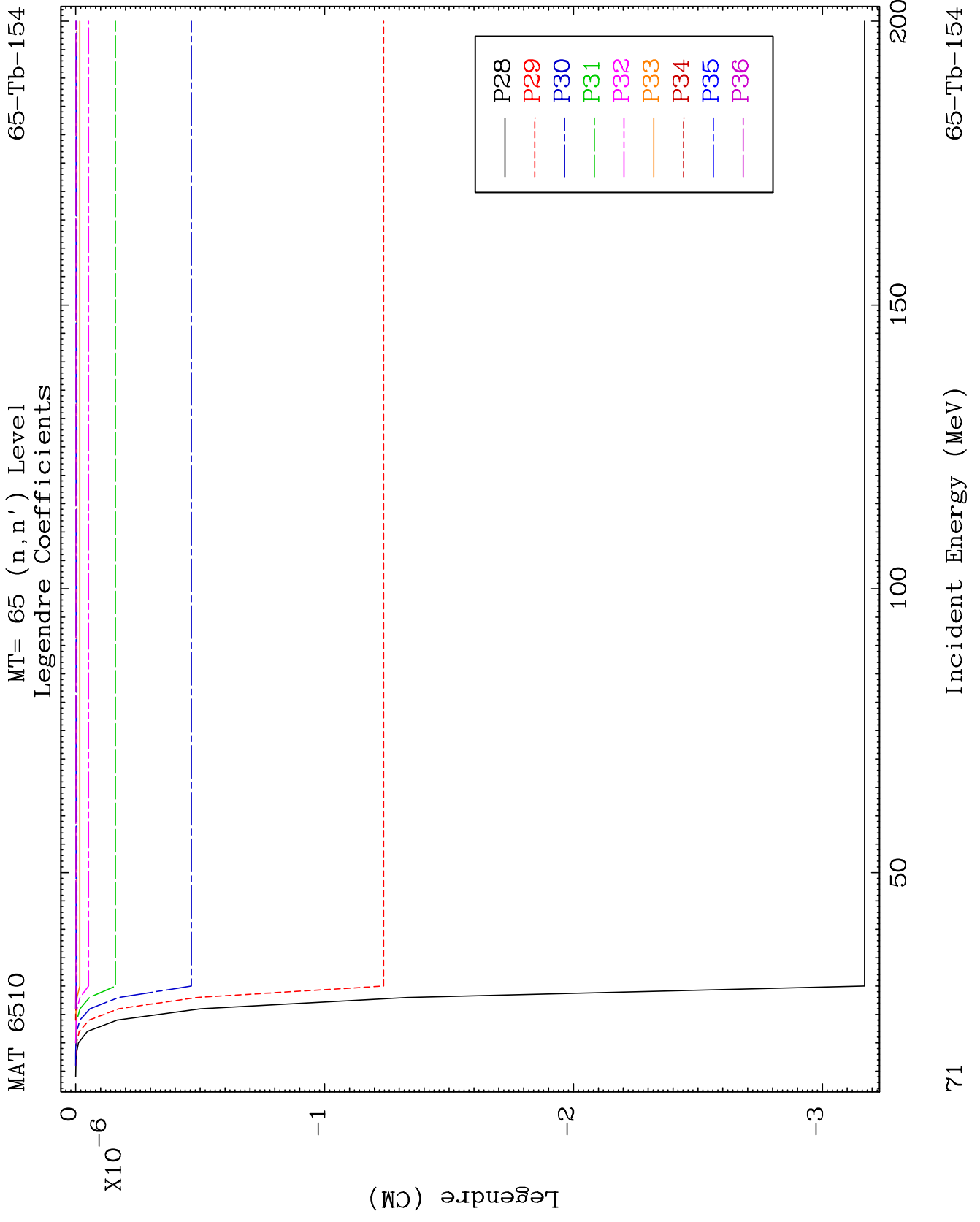
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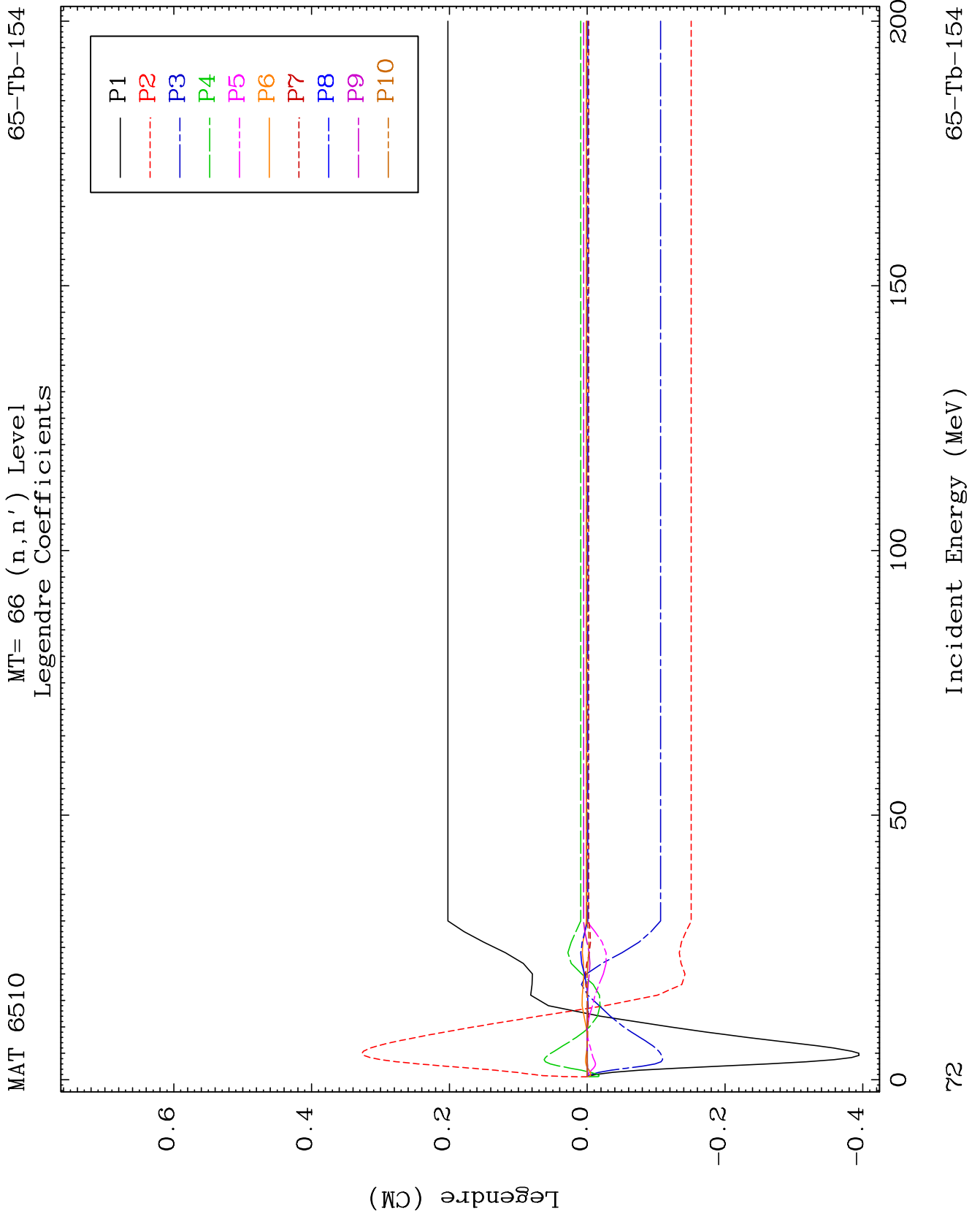
Incident Energy (MeV)

65-Tb-154





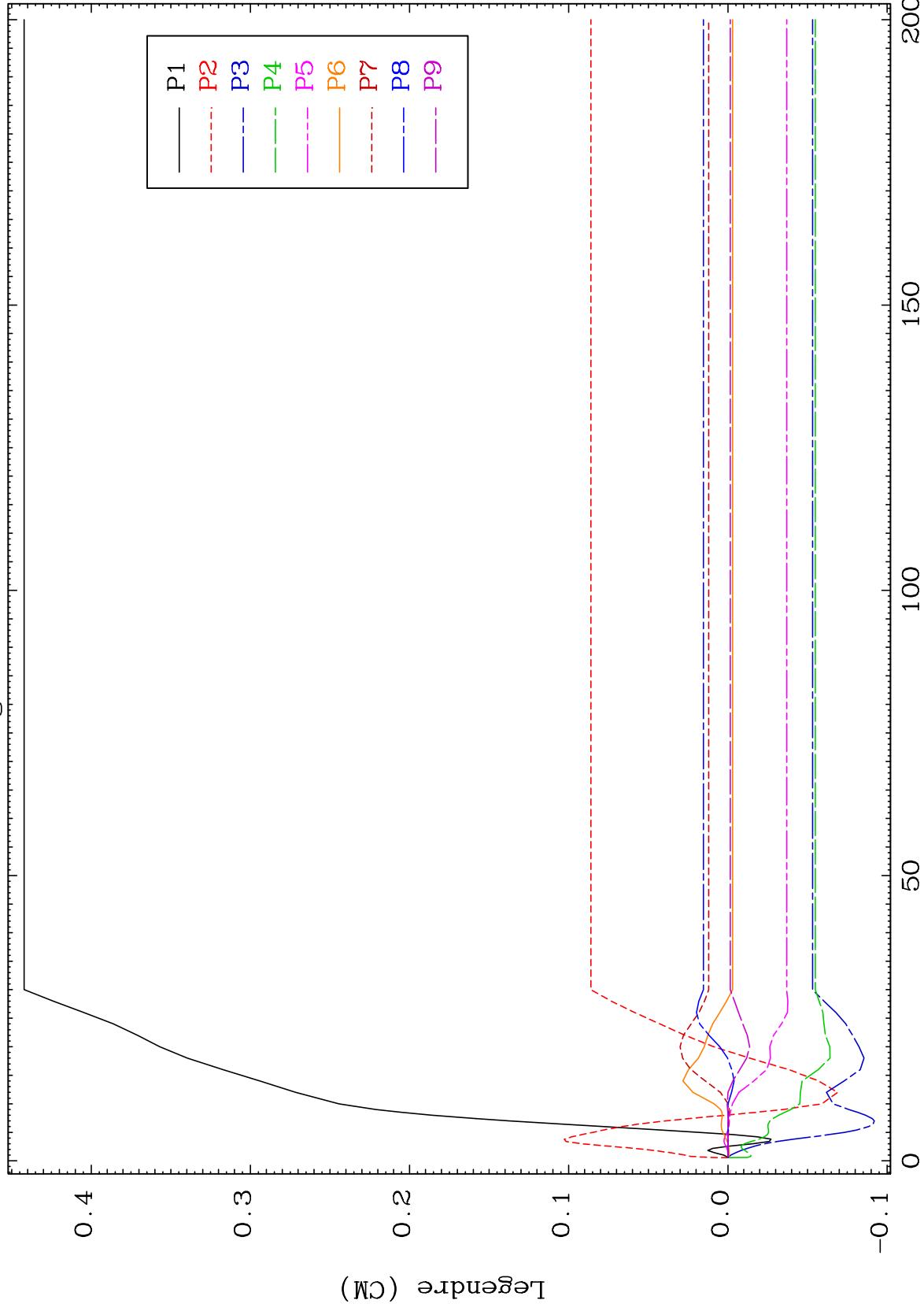




MAT 6510

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

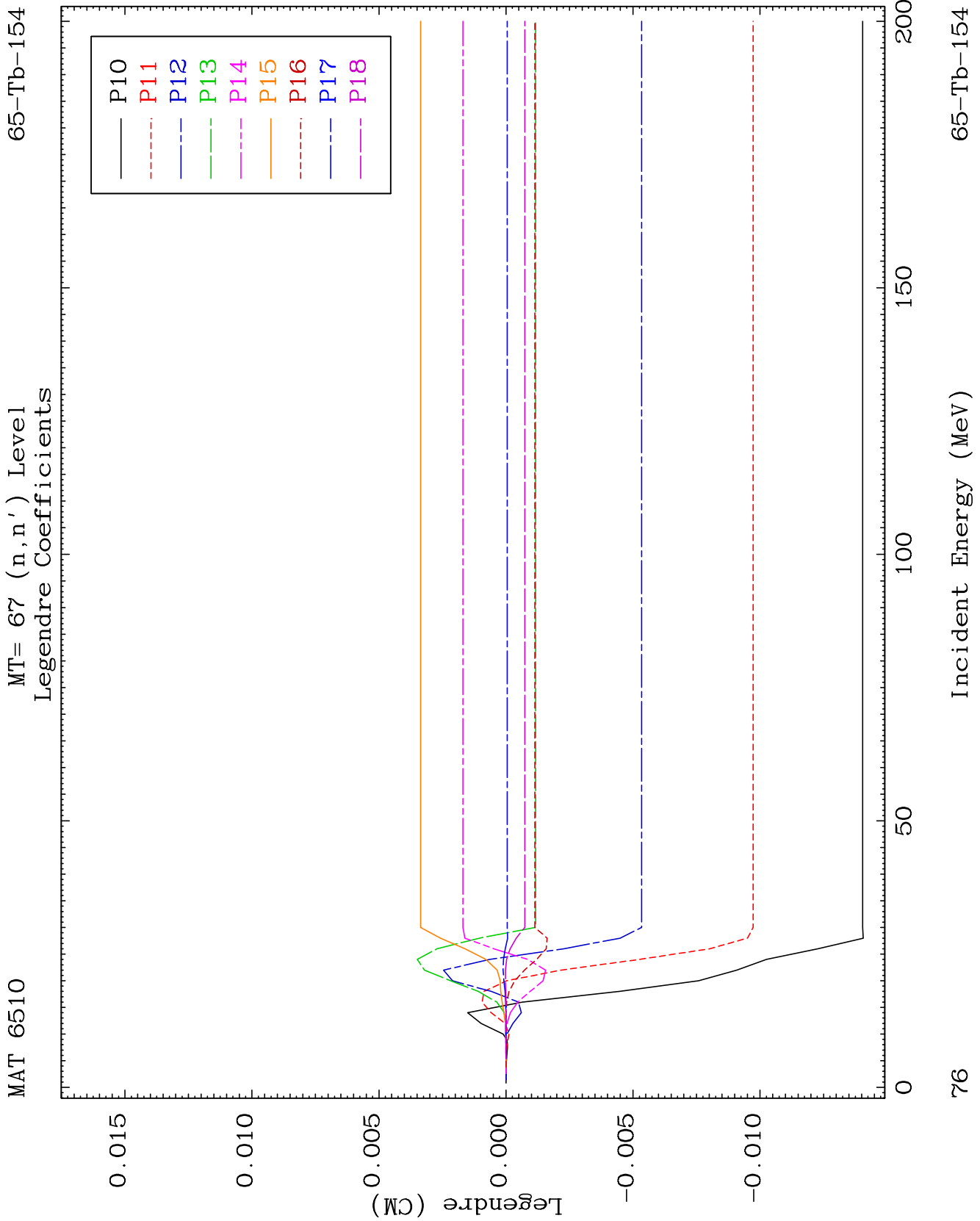
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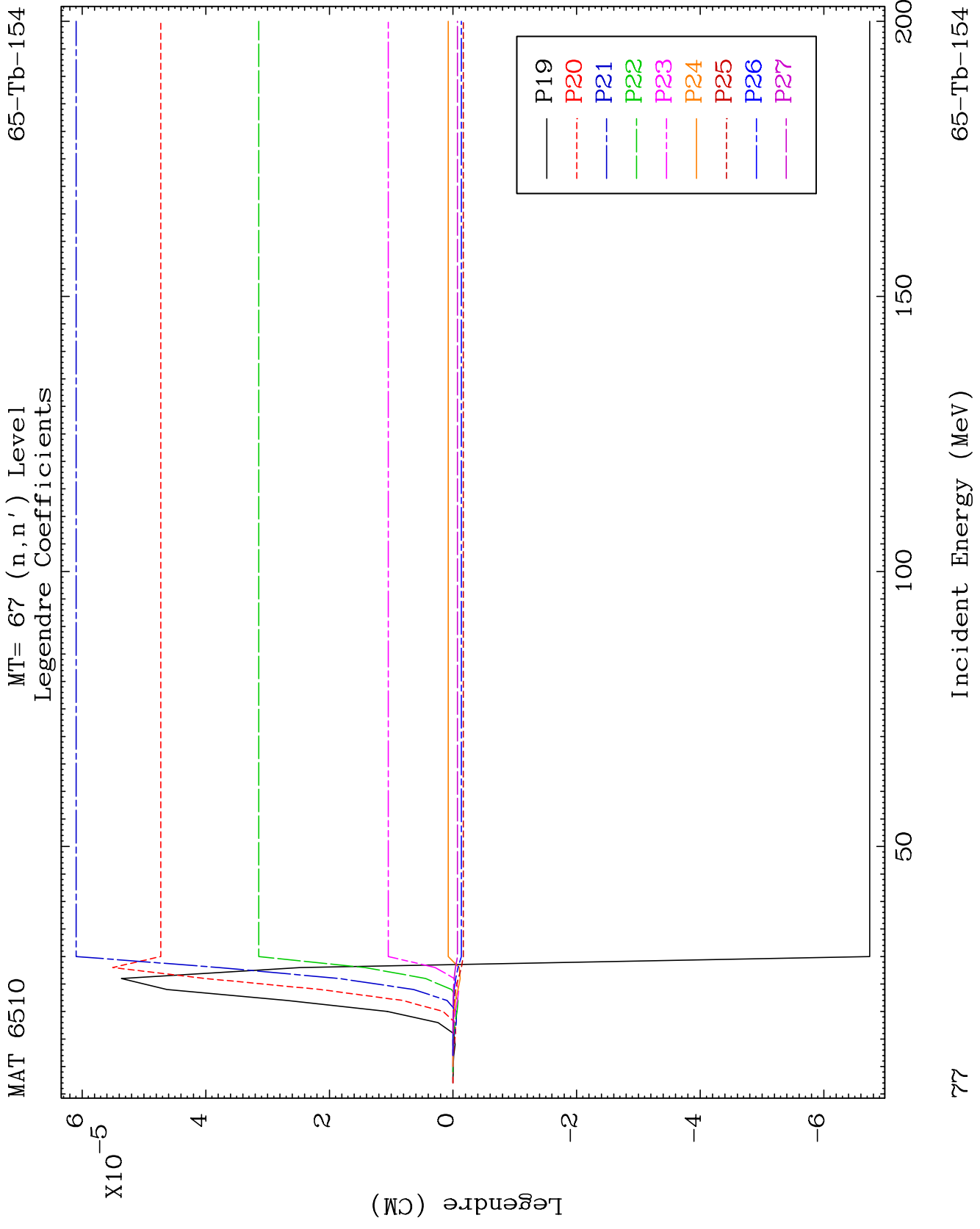


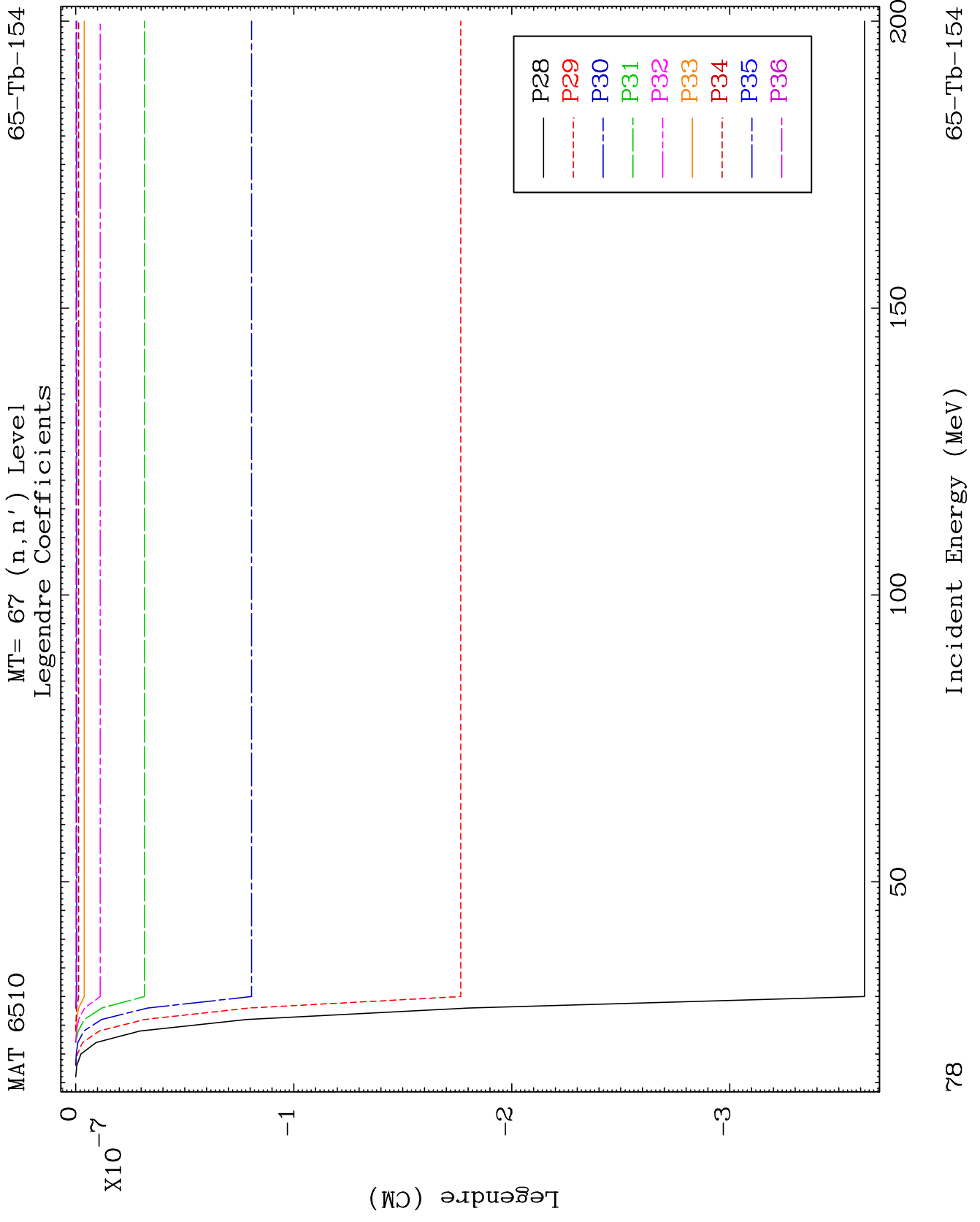
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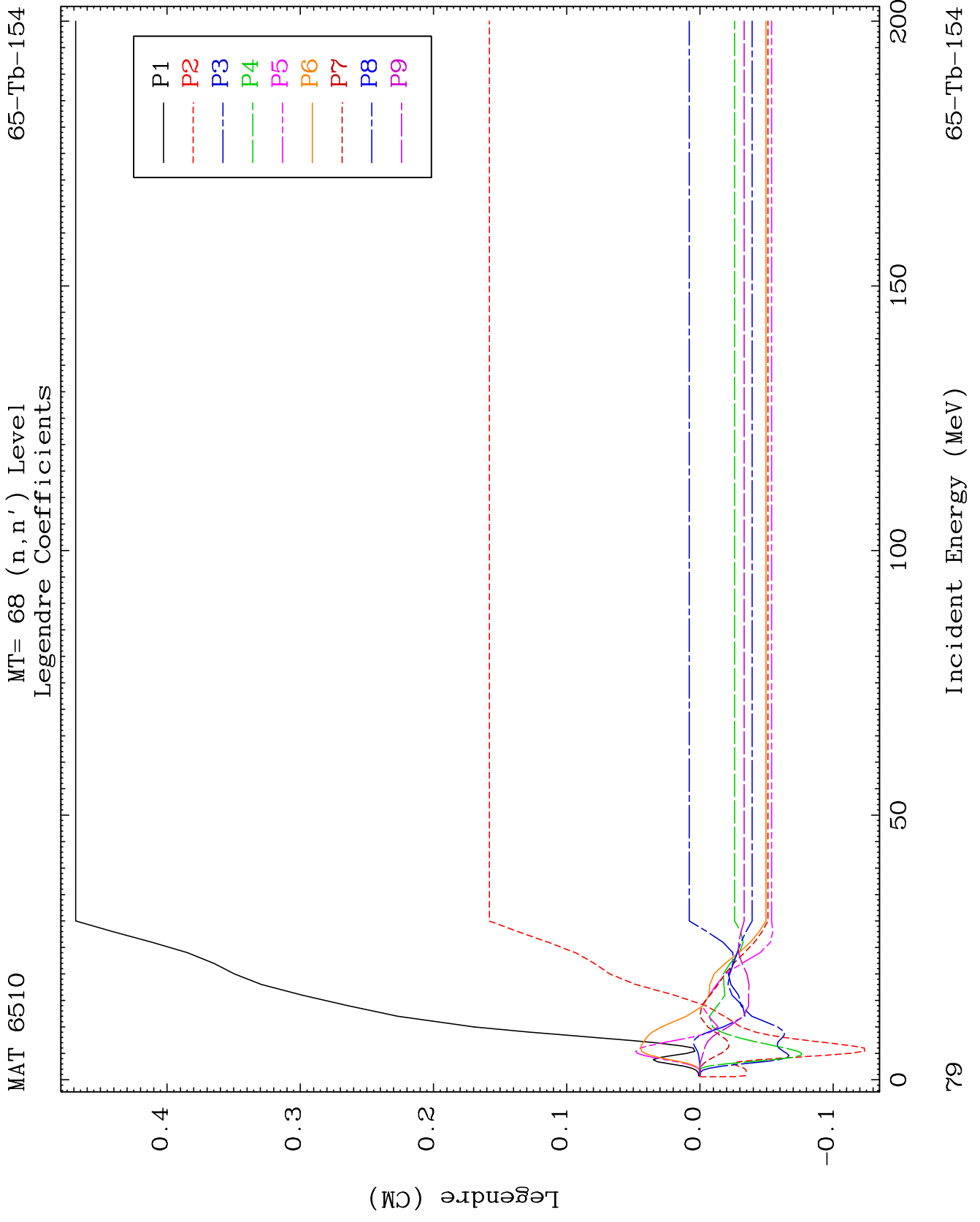
Incident Energy (MeV)

75





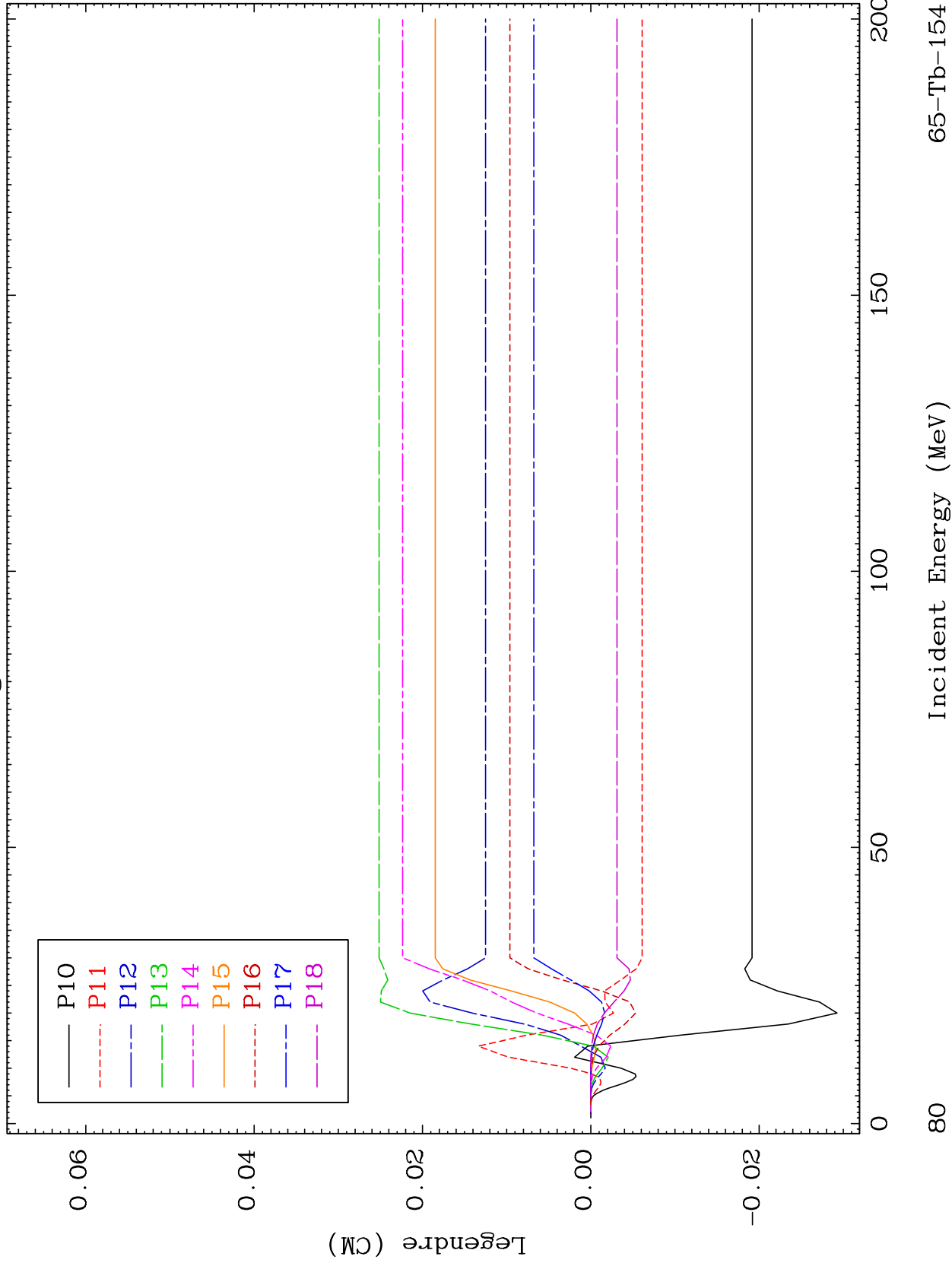




MAT 6510

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

65-Tb-154



65-Tb-154

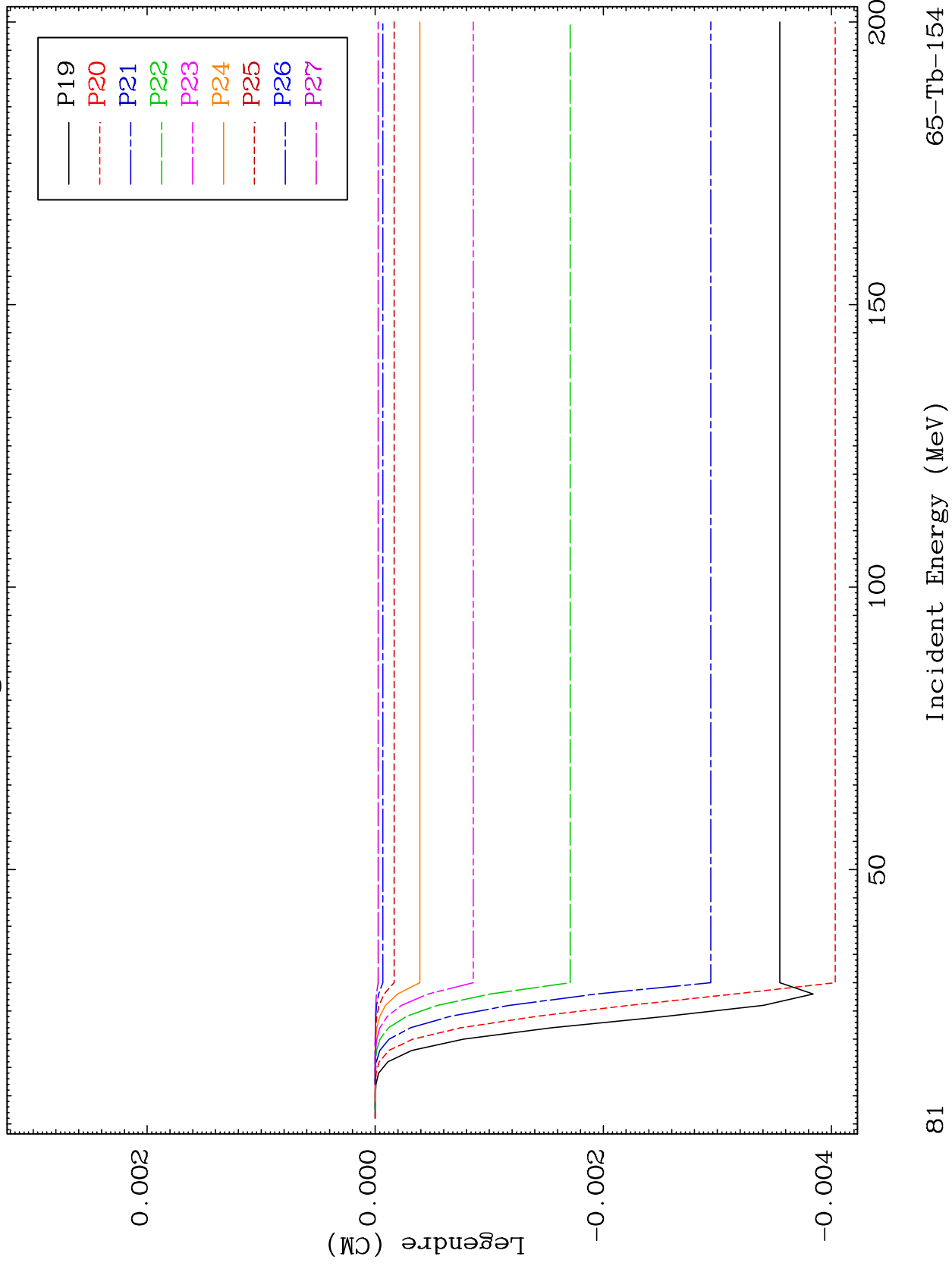
Incident Energy (MeV)

80

MAT 6510

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

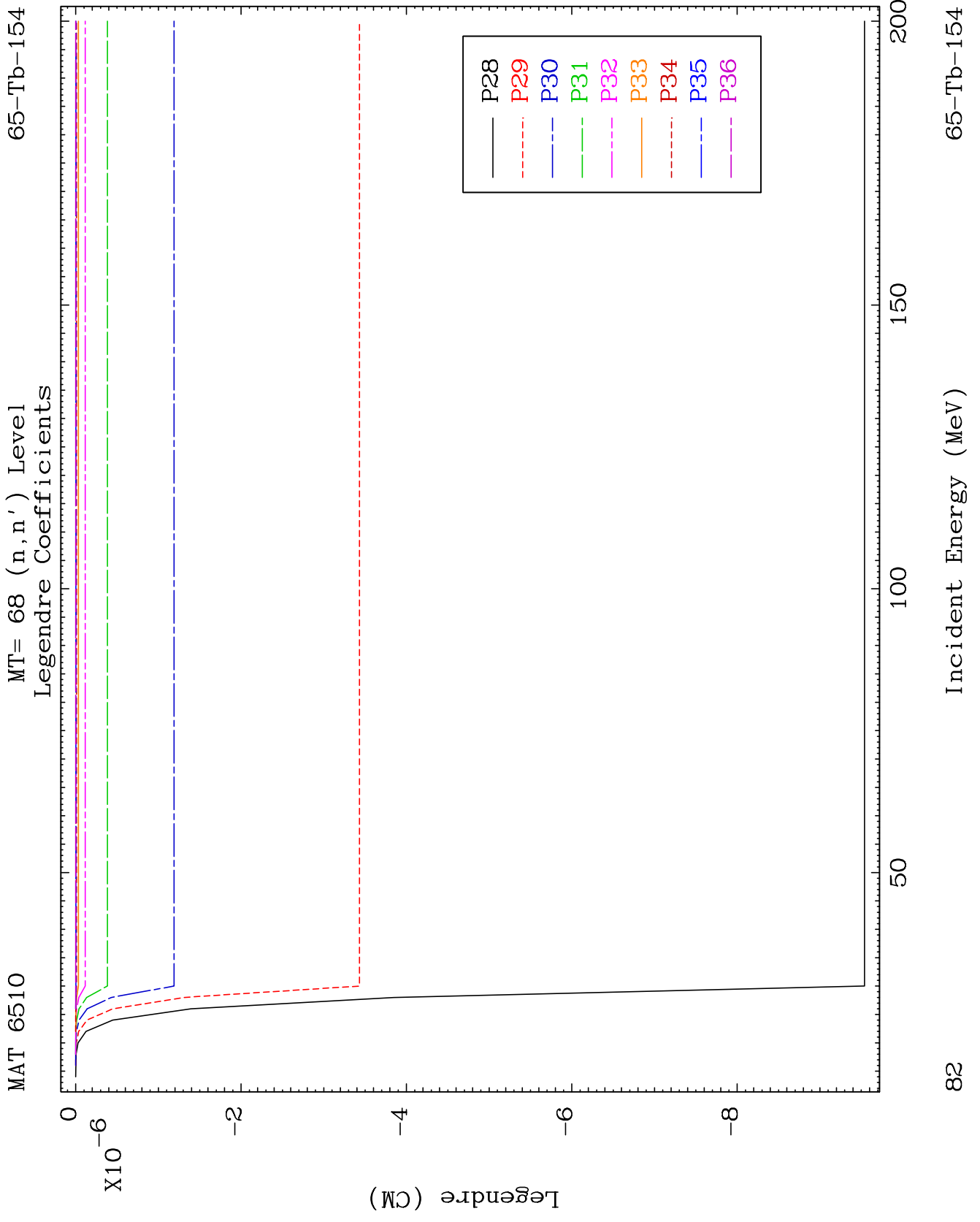
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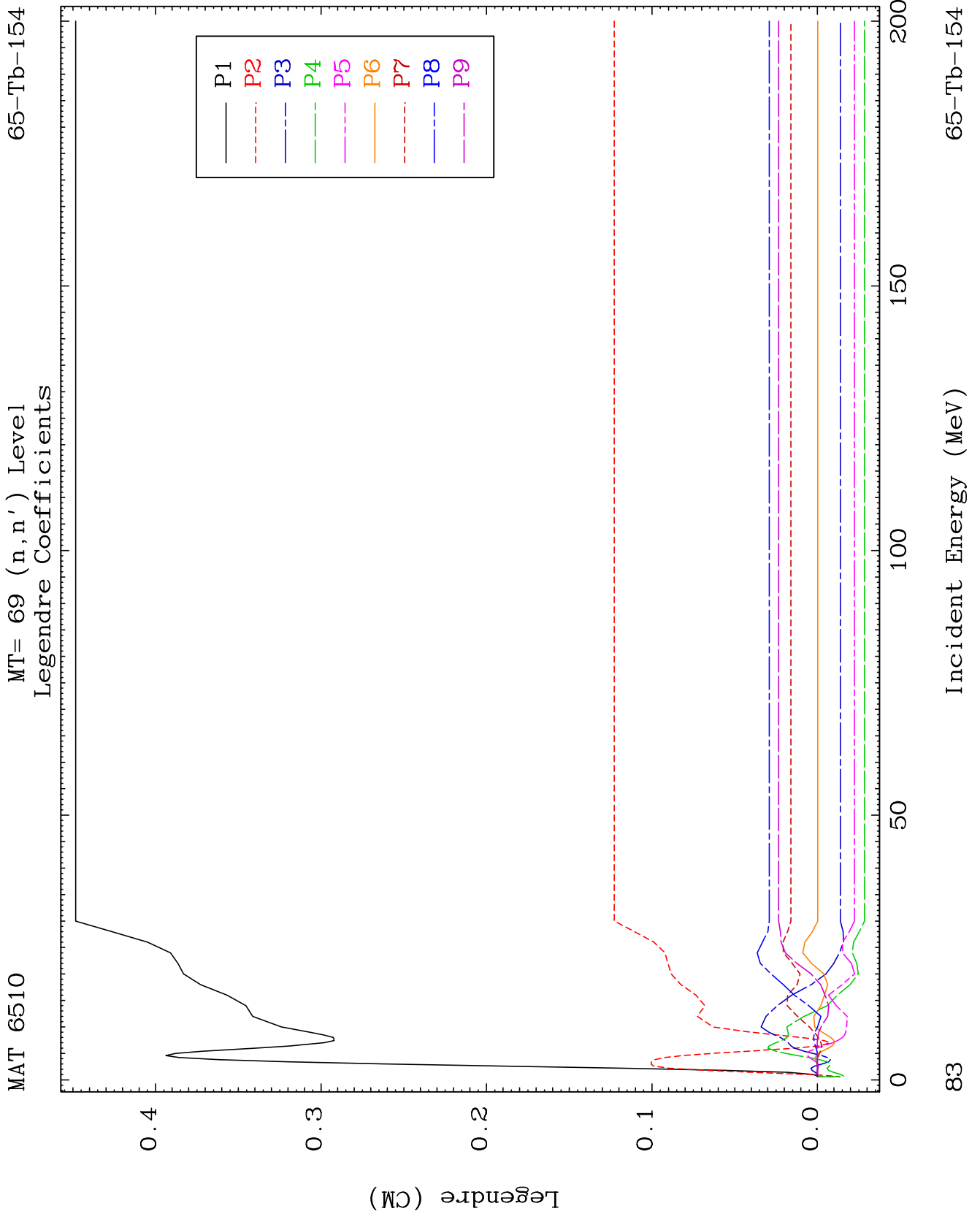


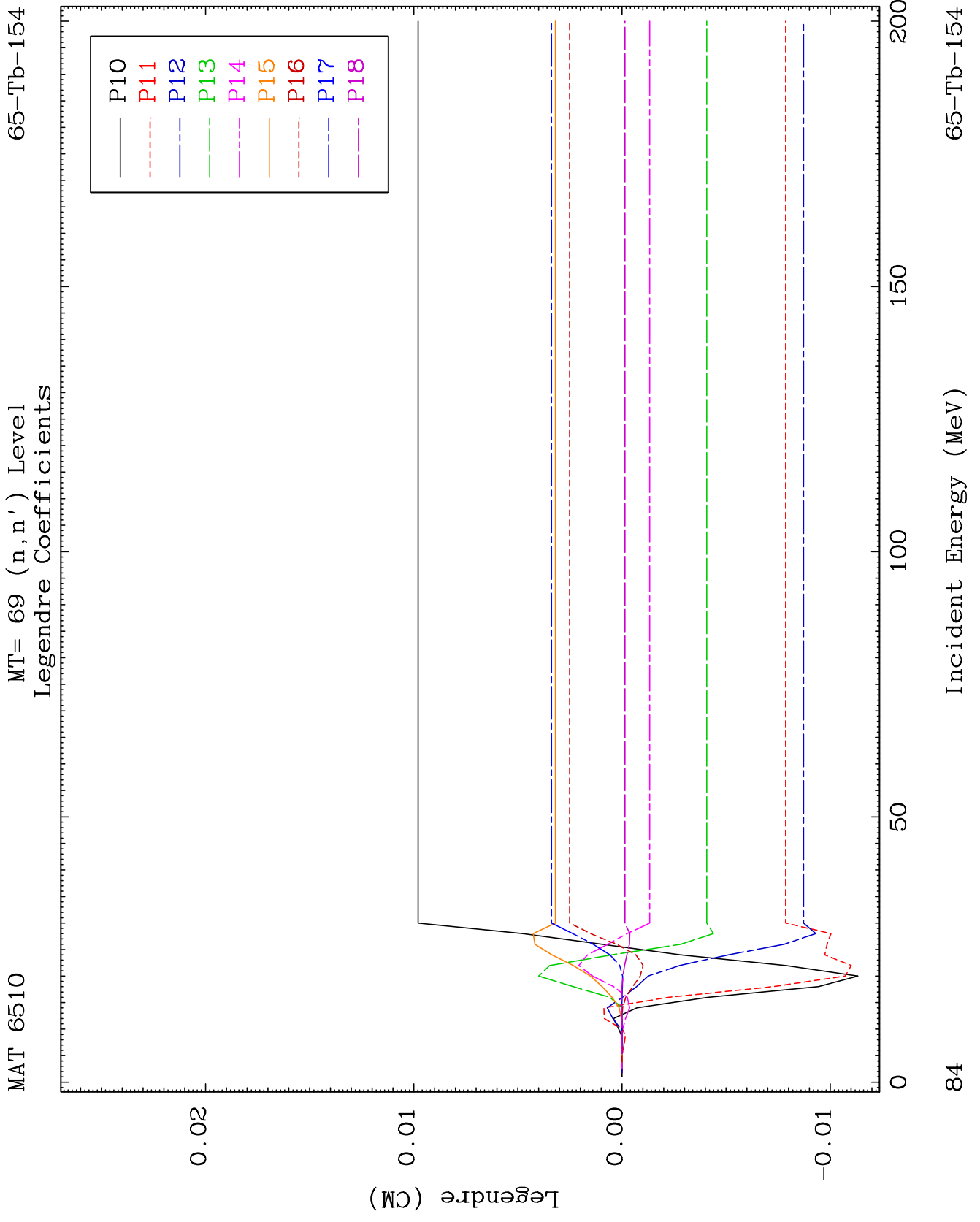
81

Incident Energy (MeV)

65-Tb-154



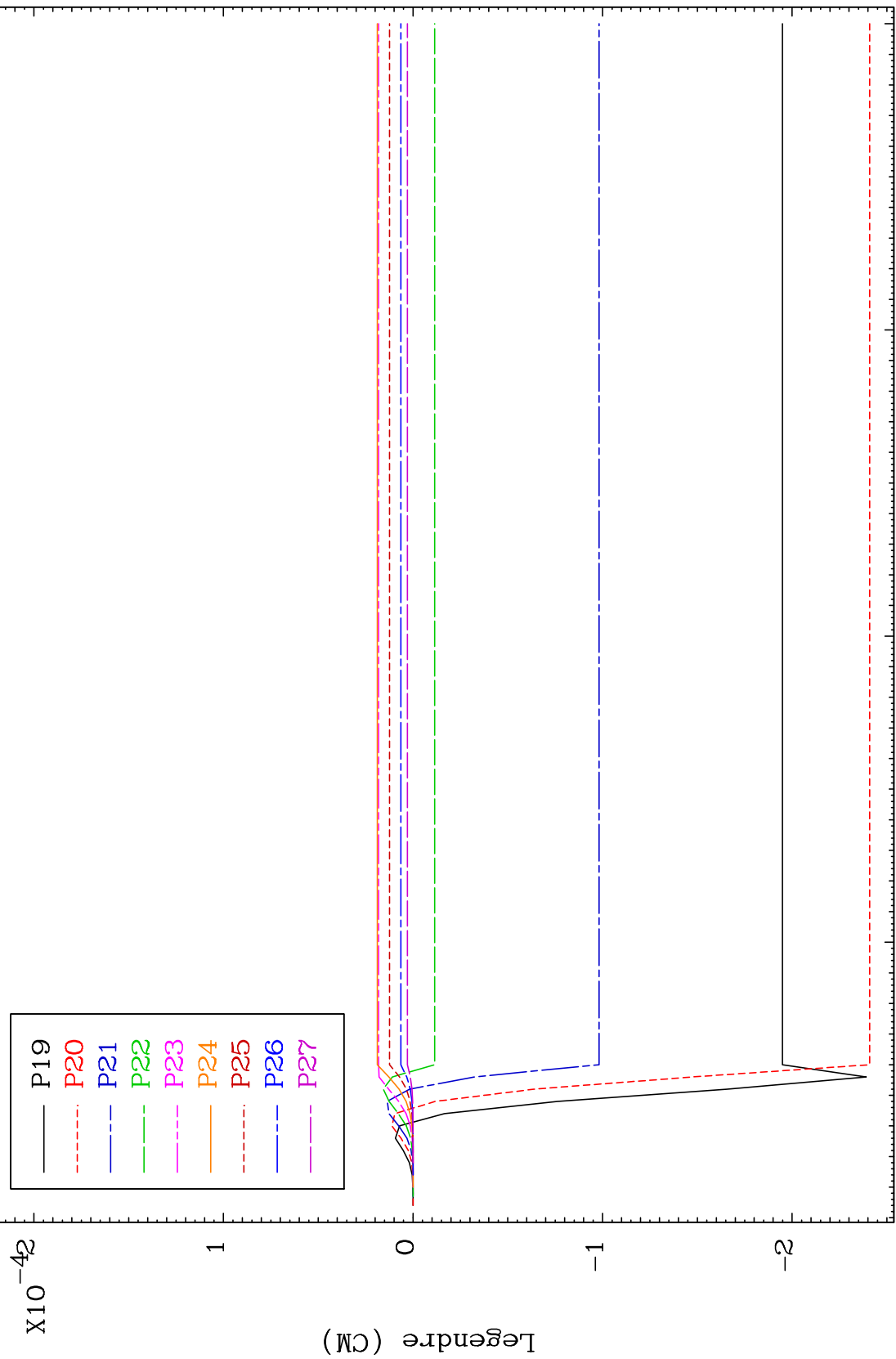
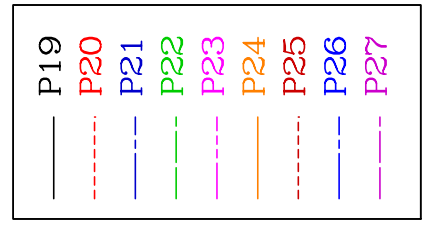




MAT 6510

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

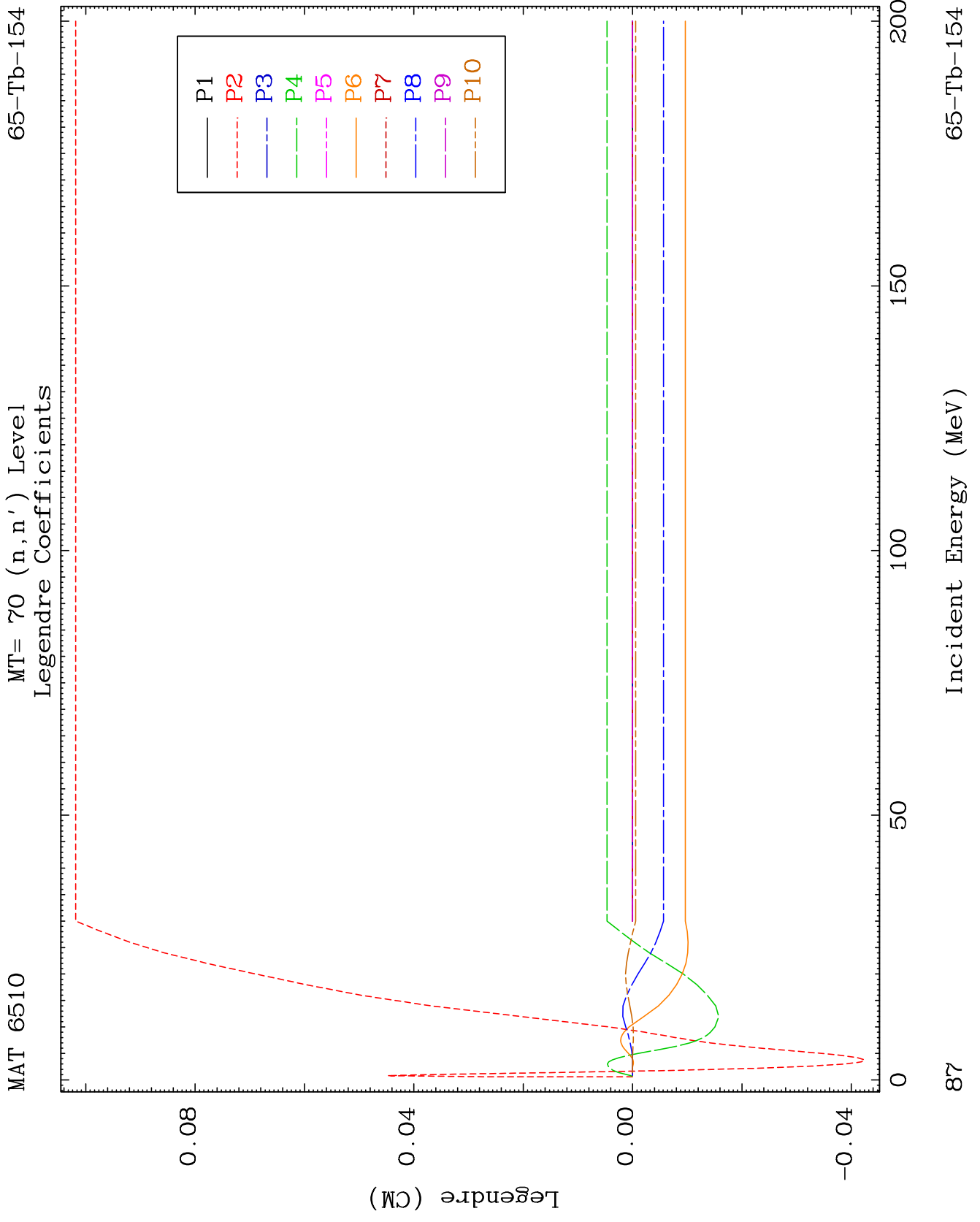
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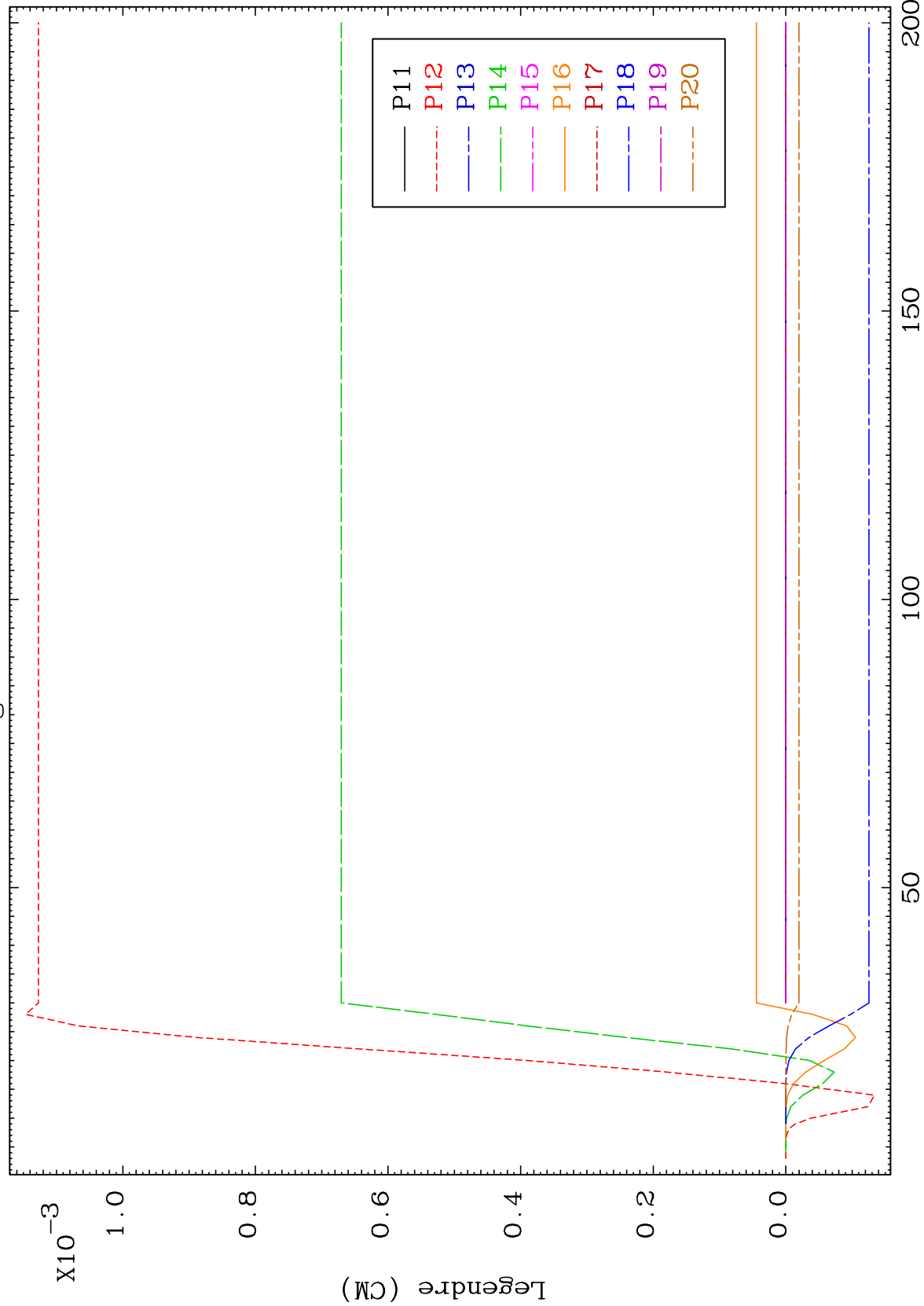


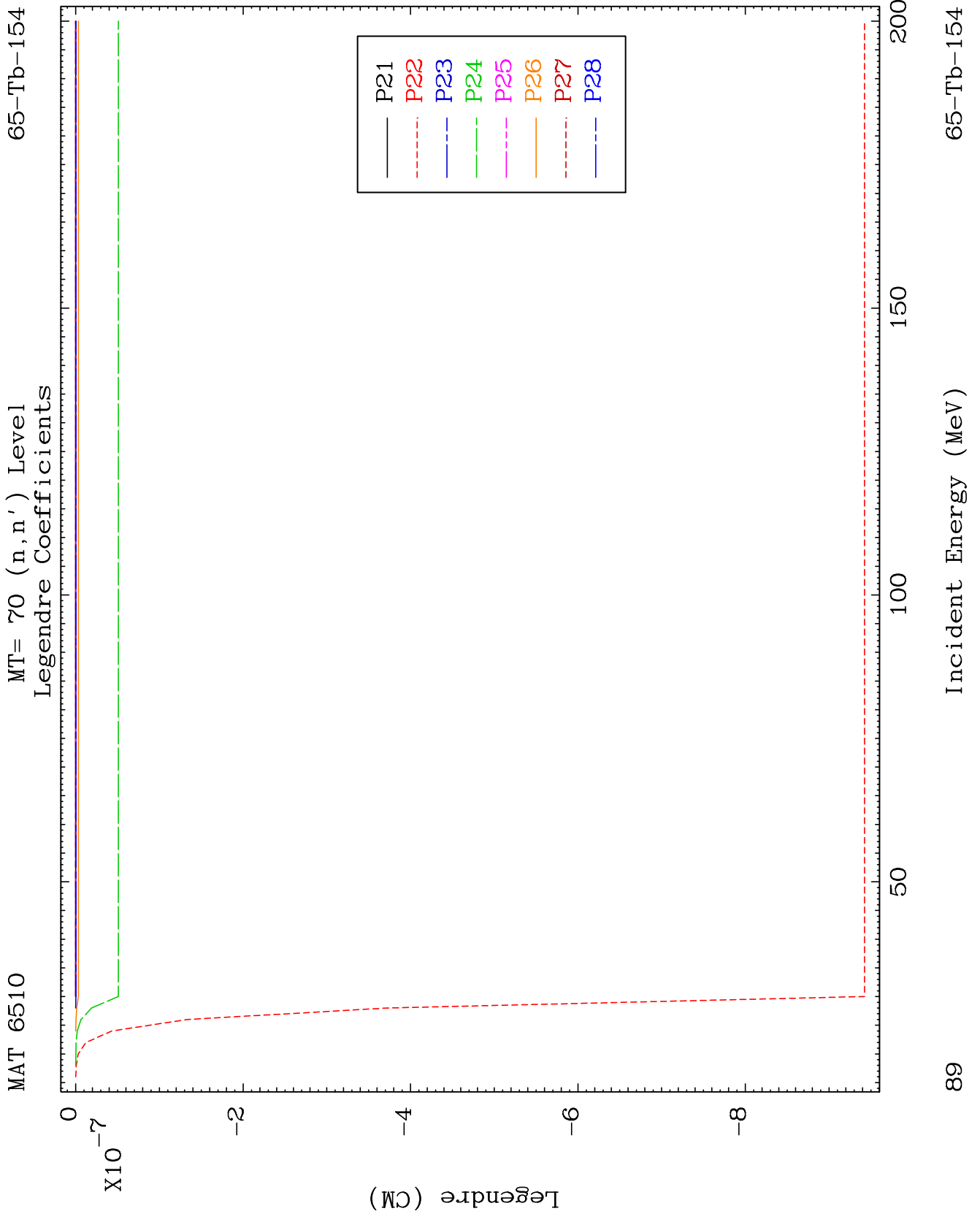
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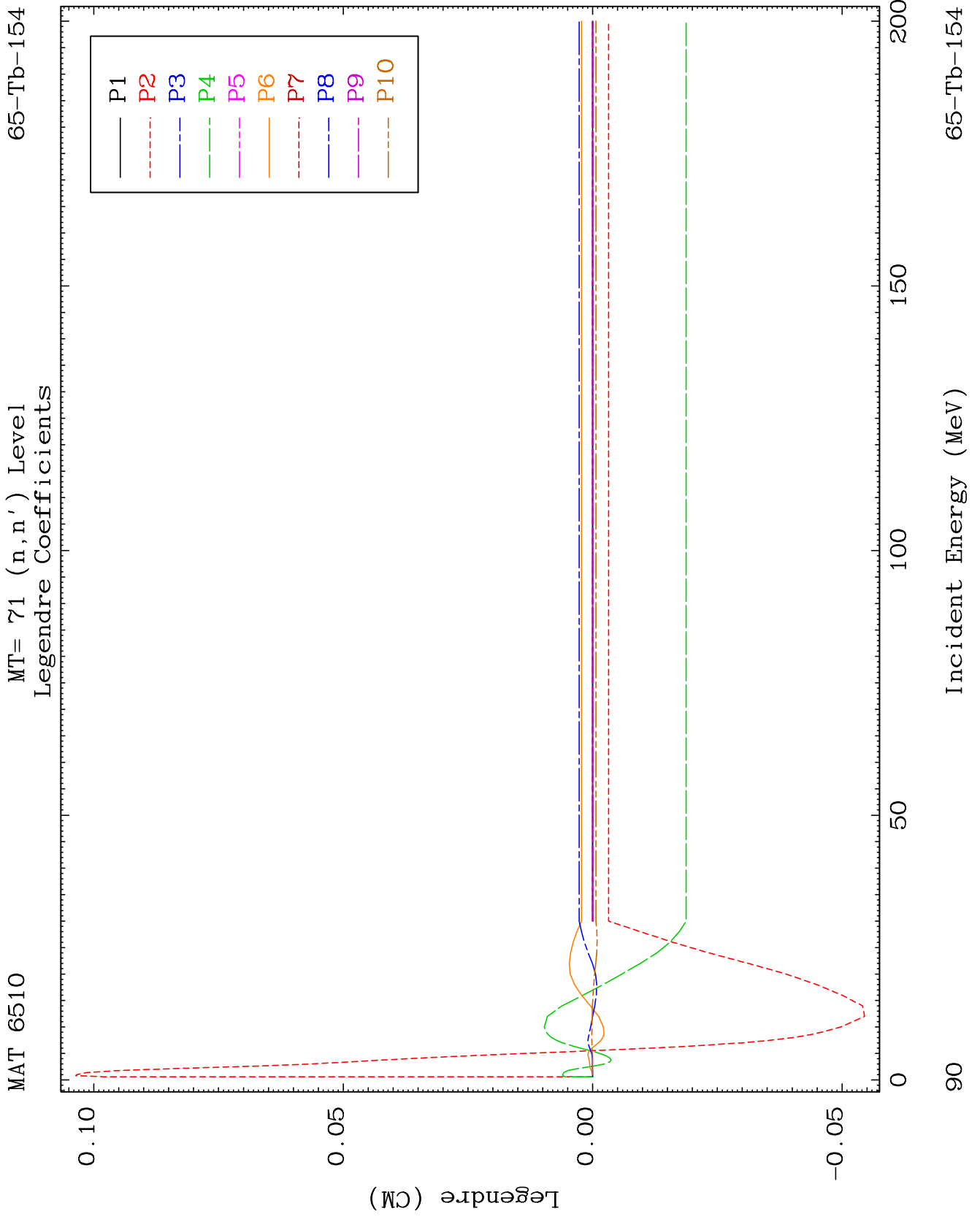
Incident Energy (MeV)

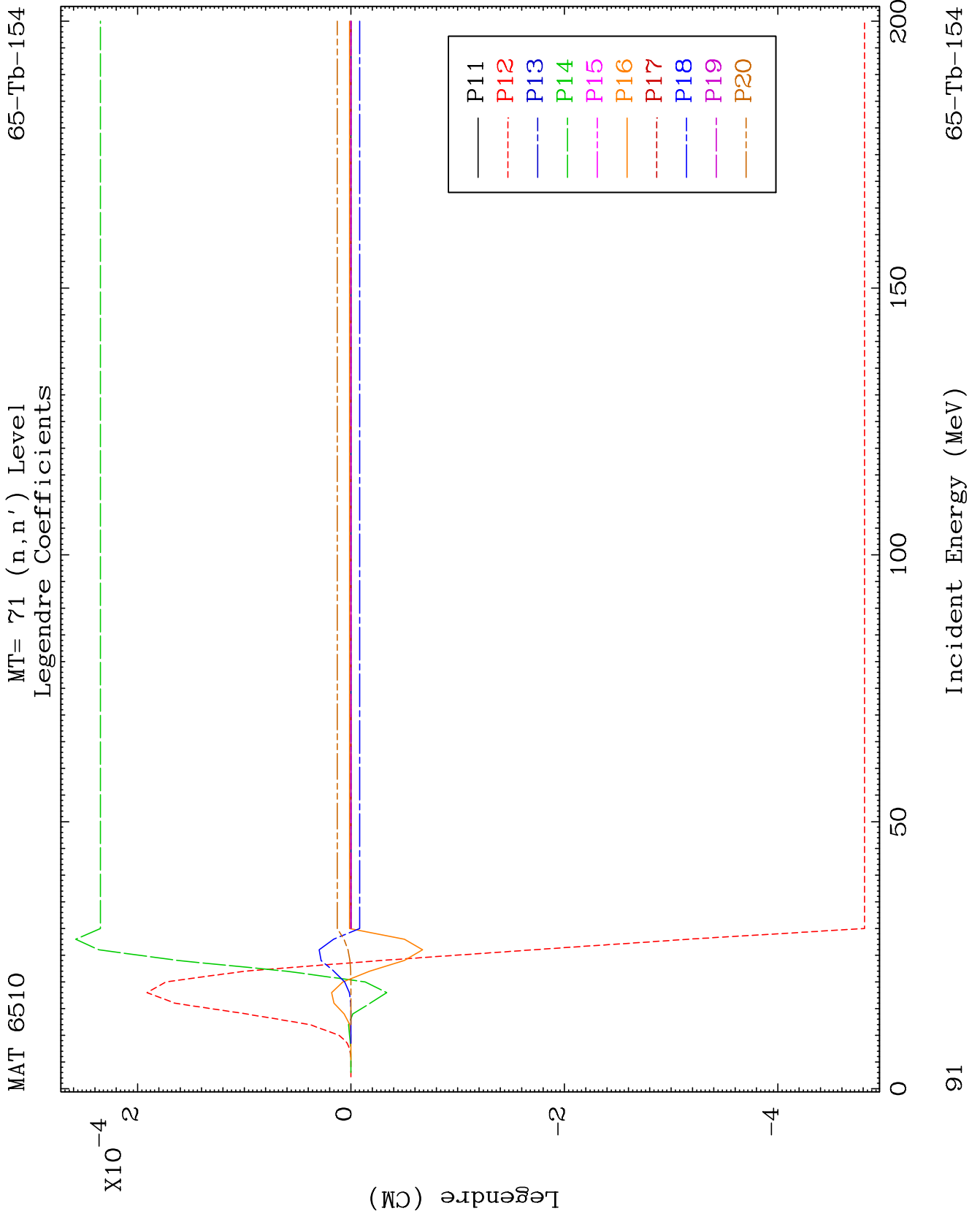
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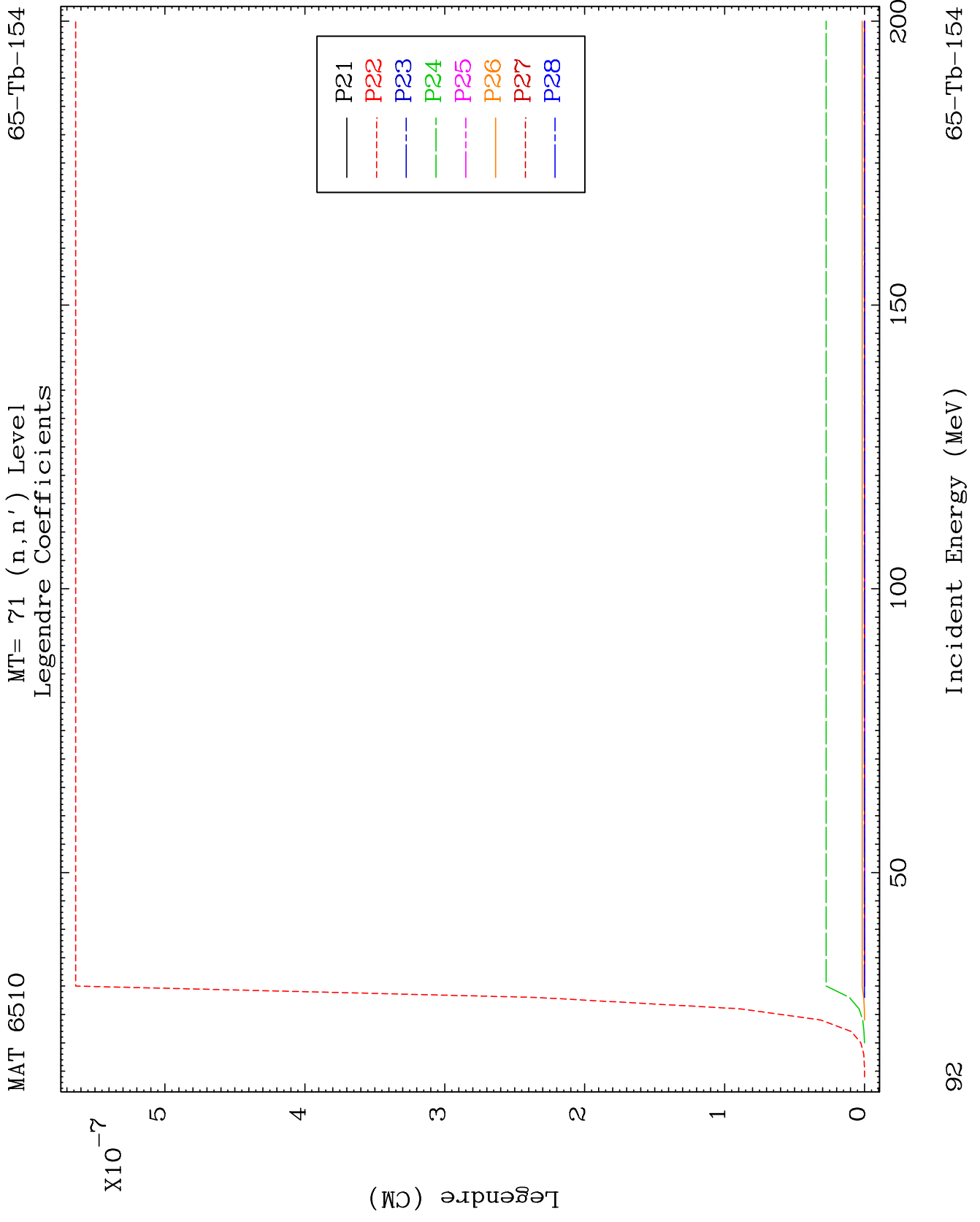


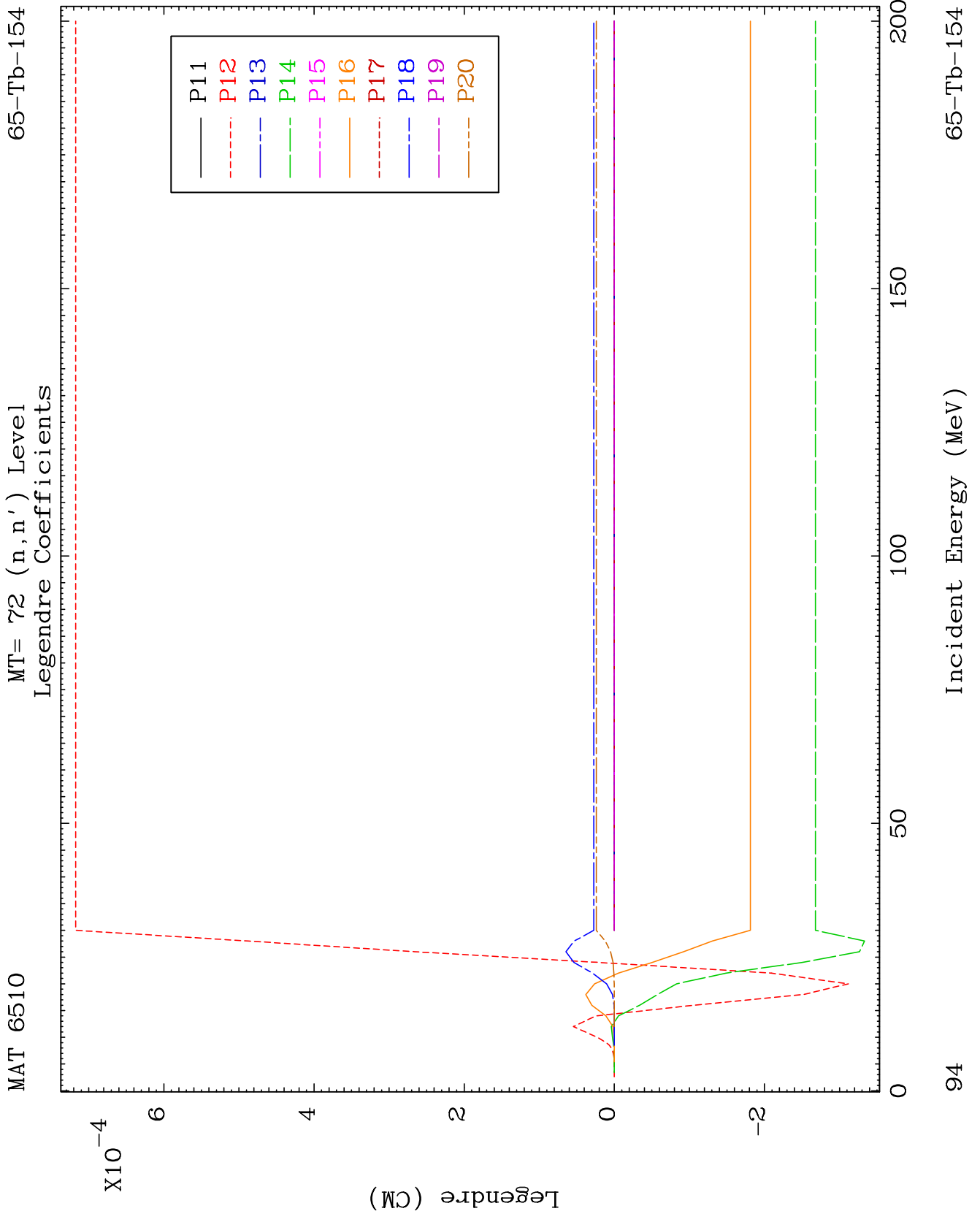


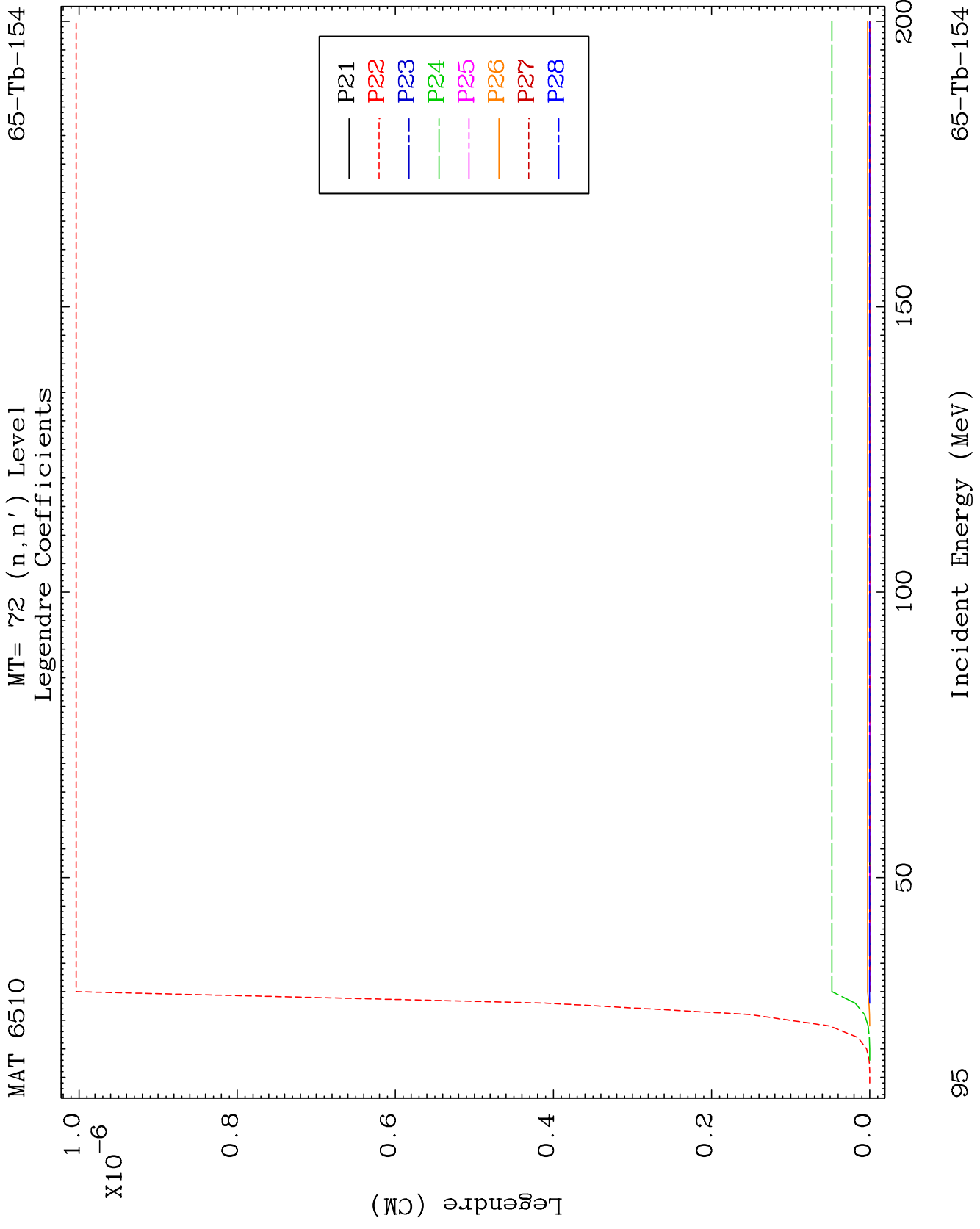


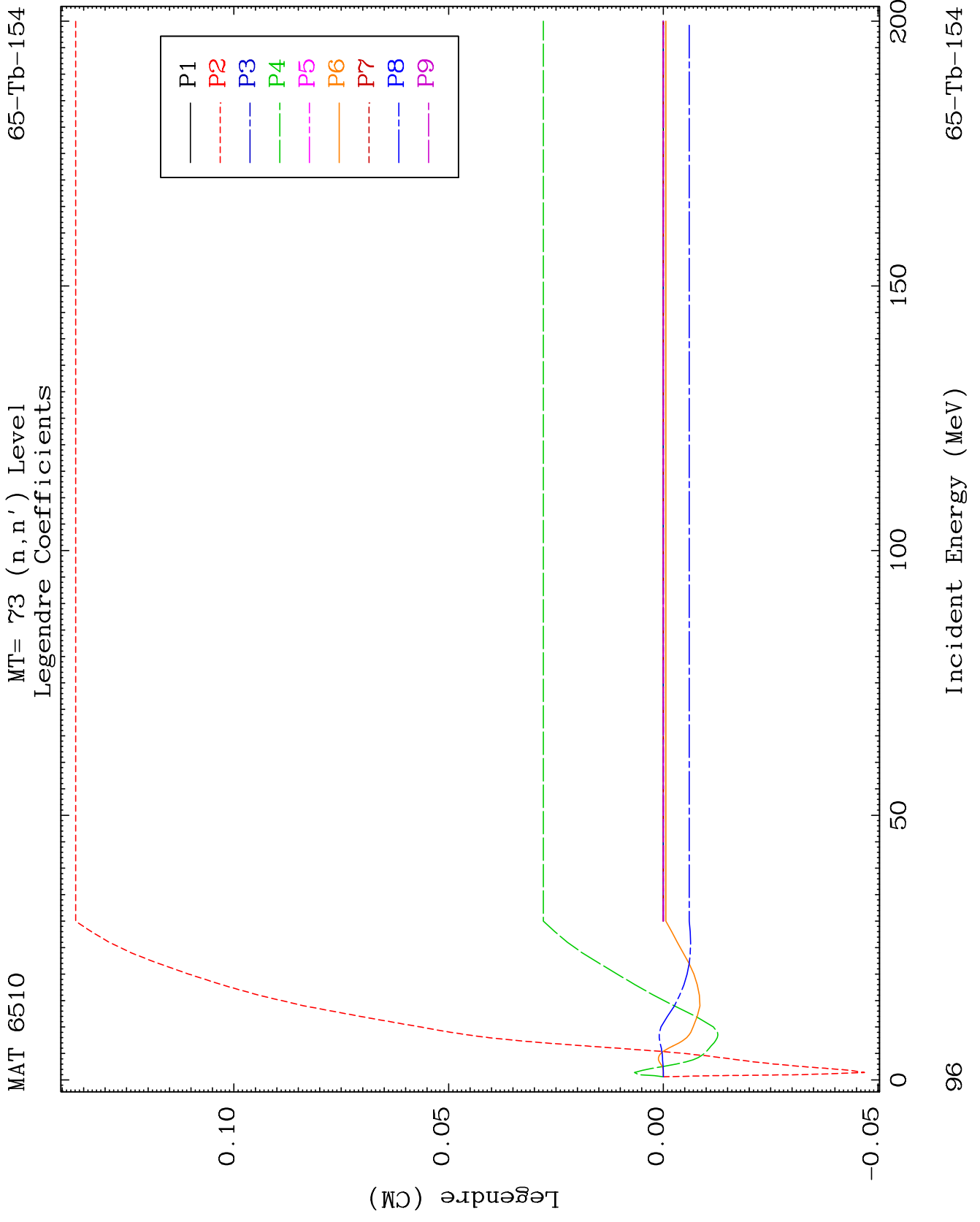


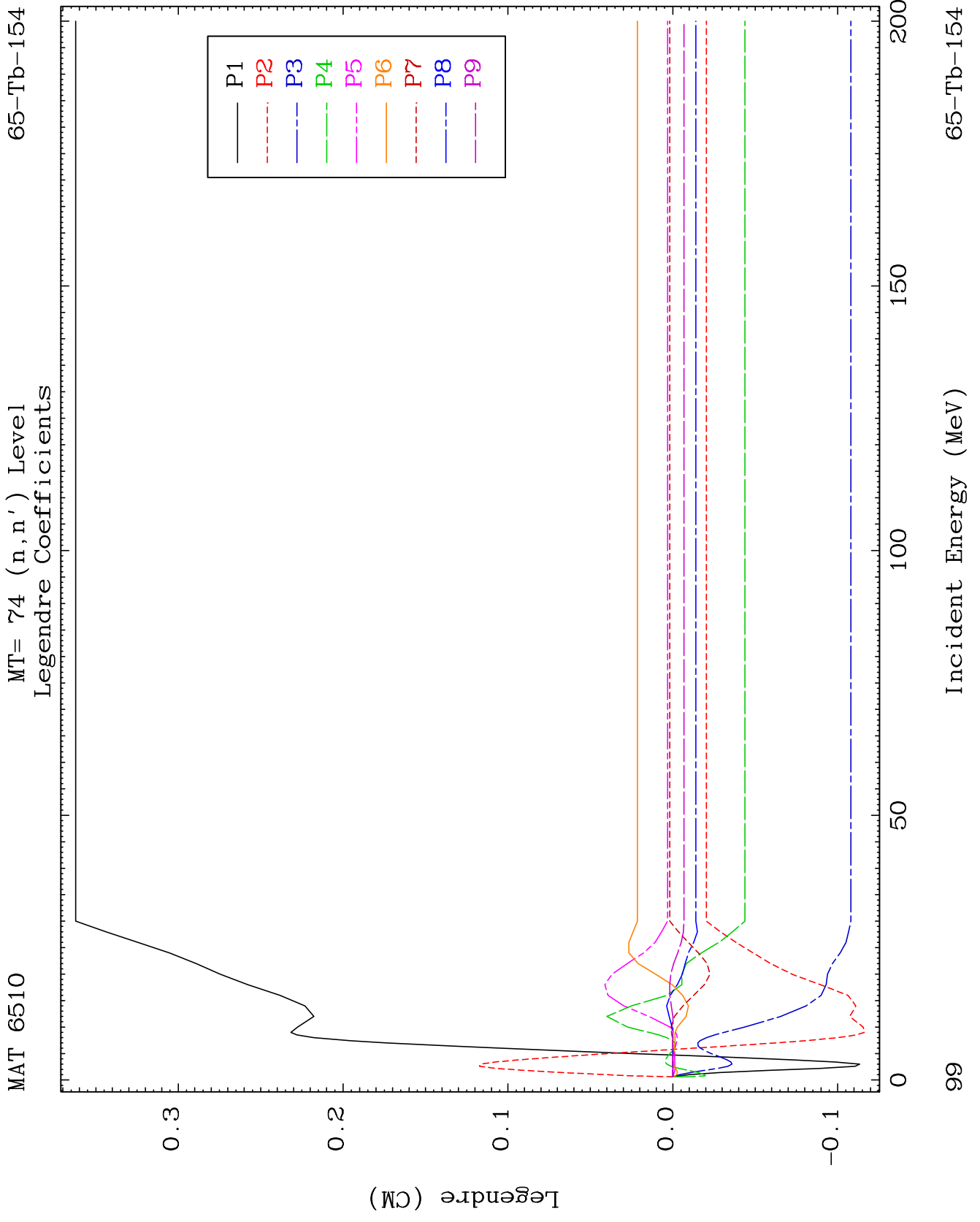


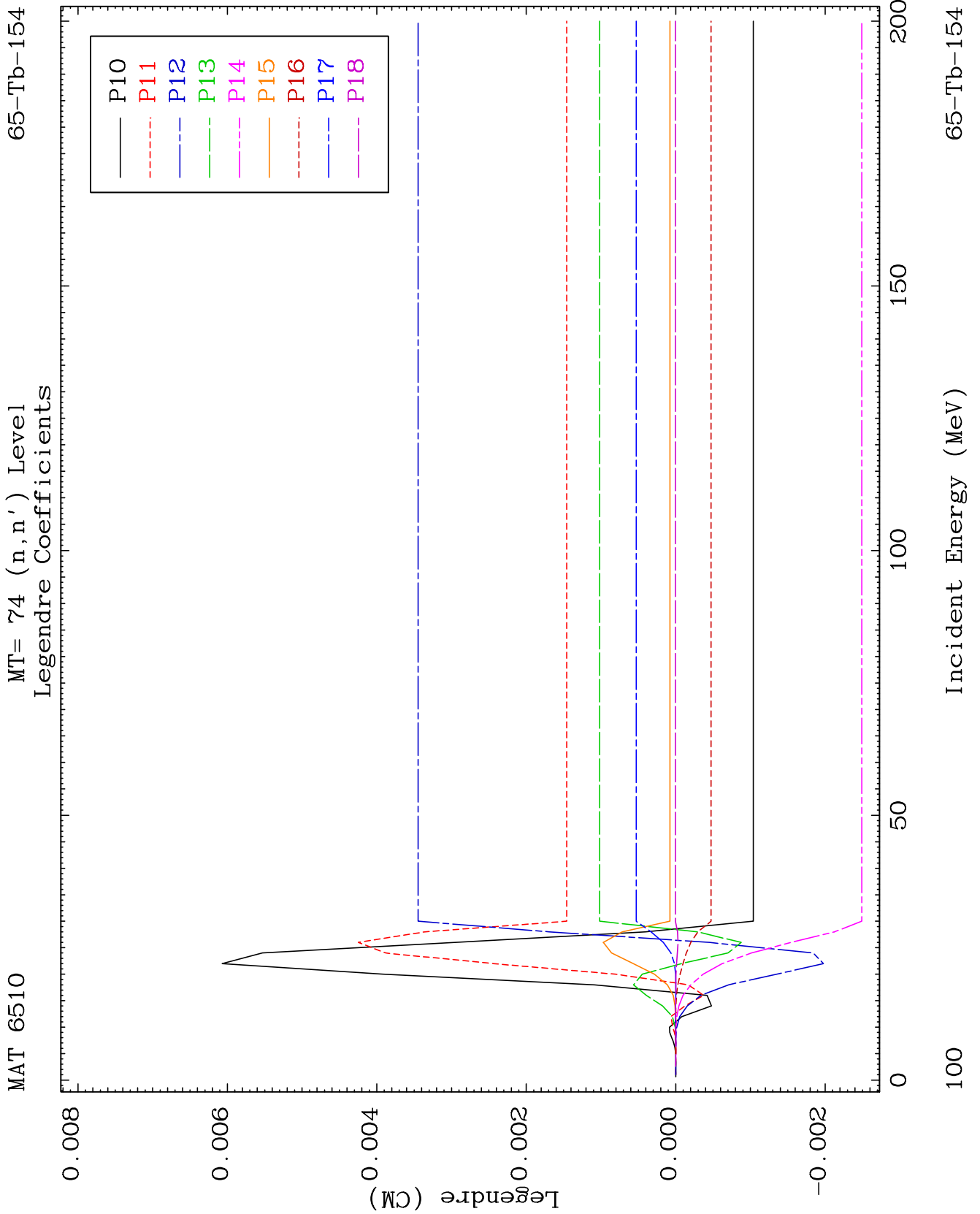








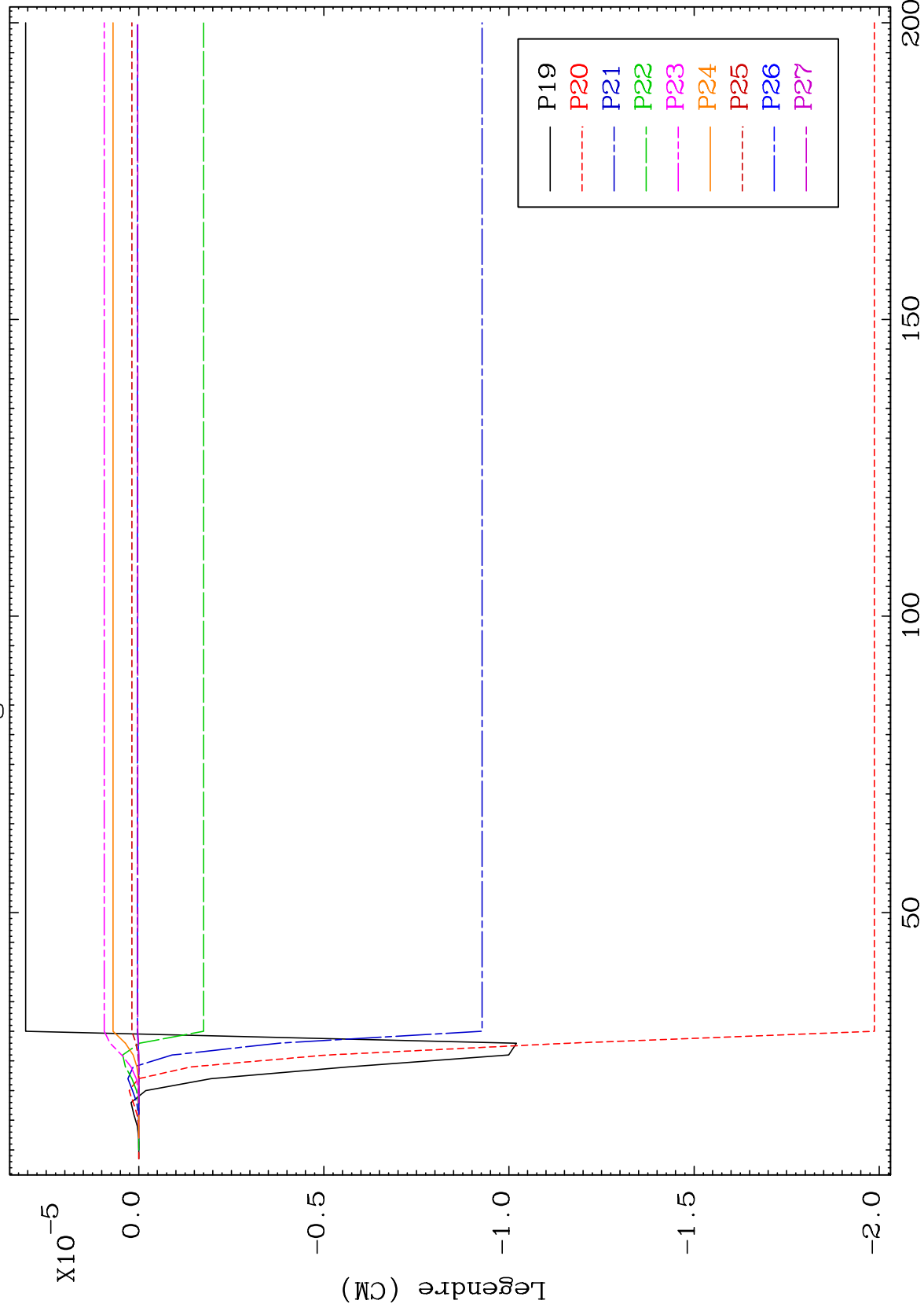




MAT 6510

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

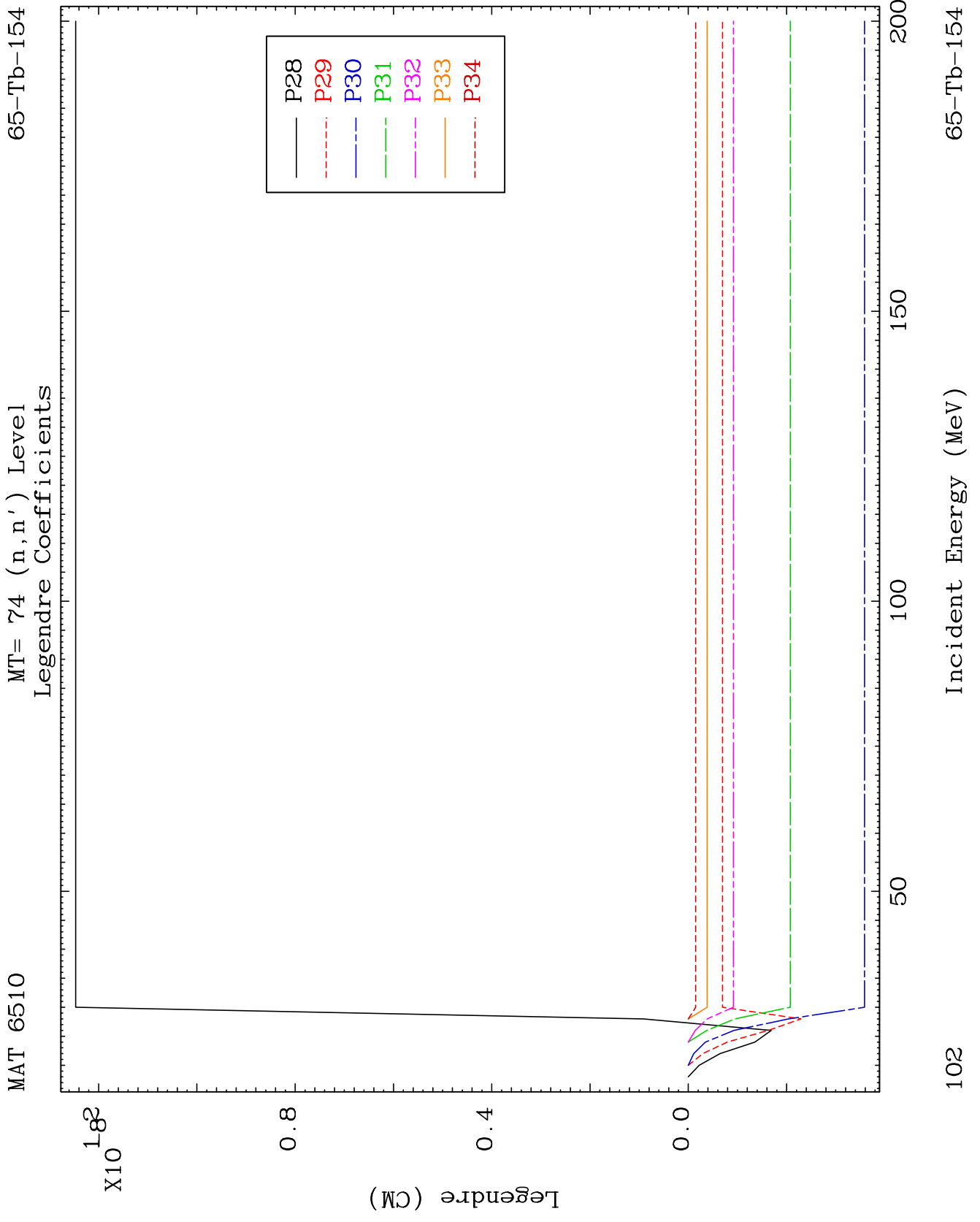
65-Tb-154

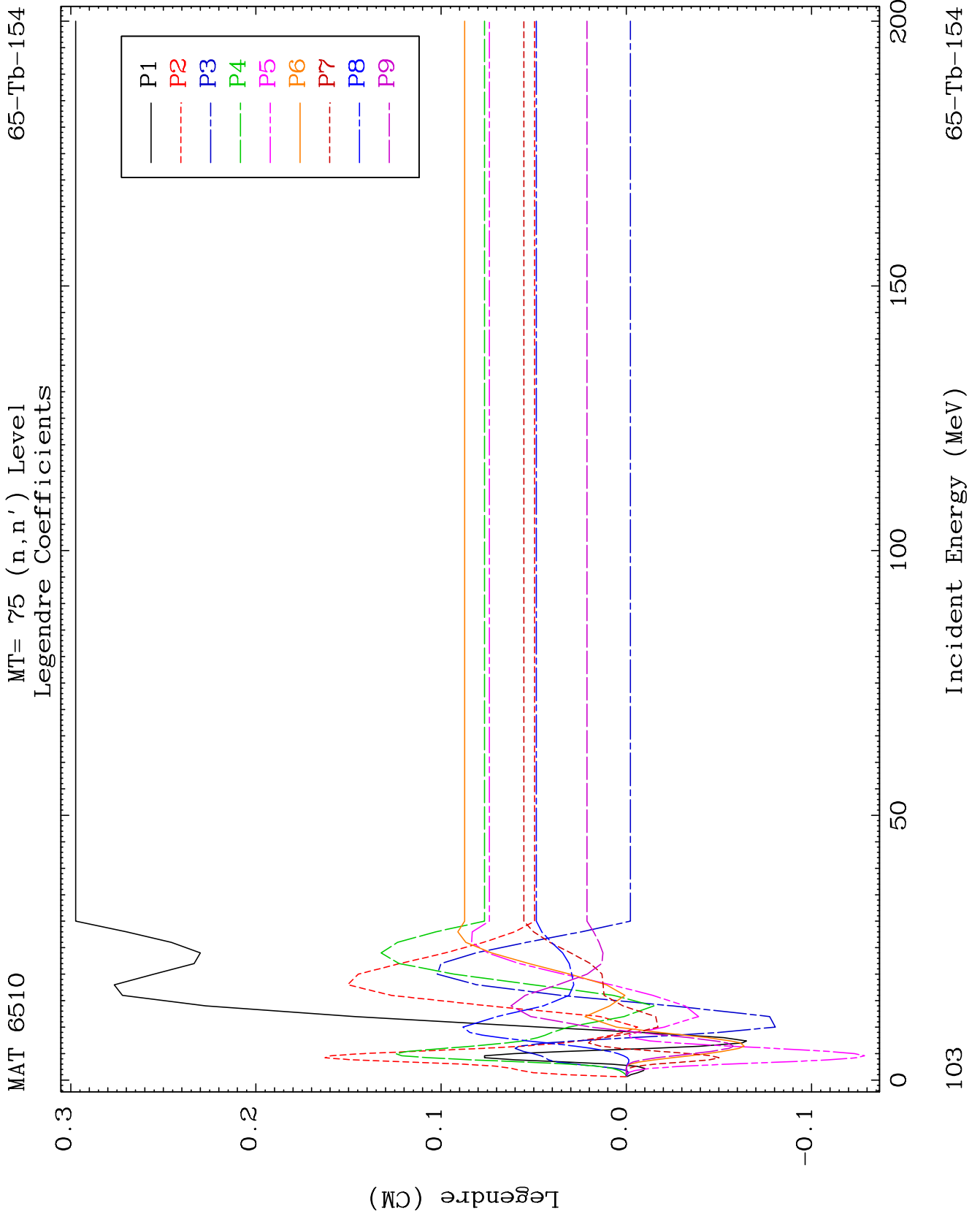


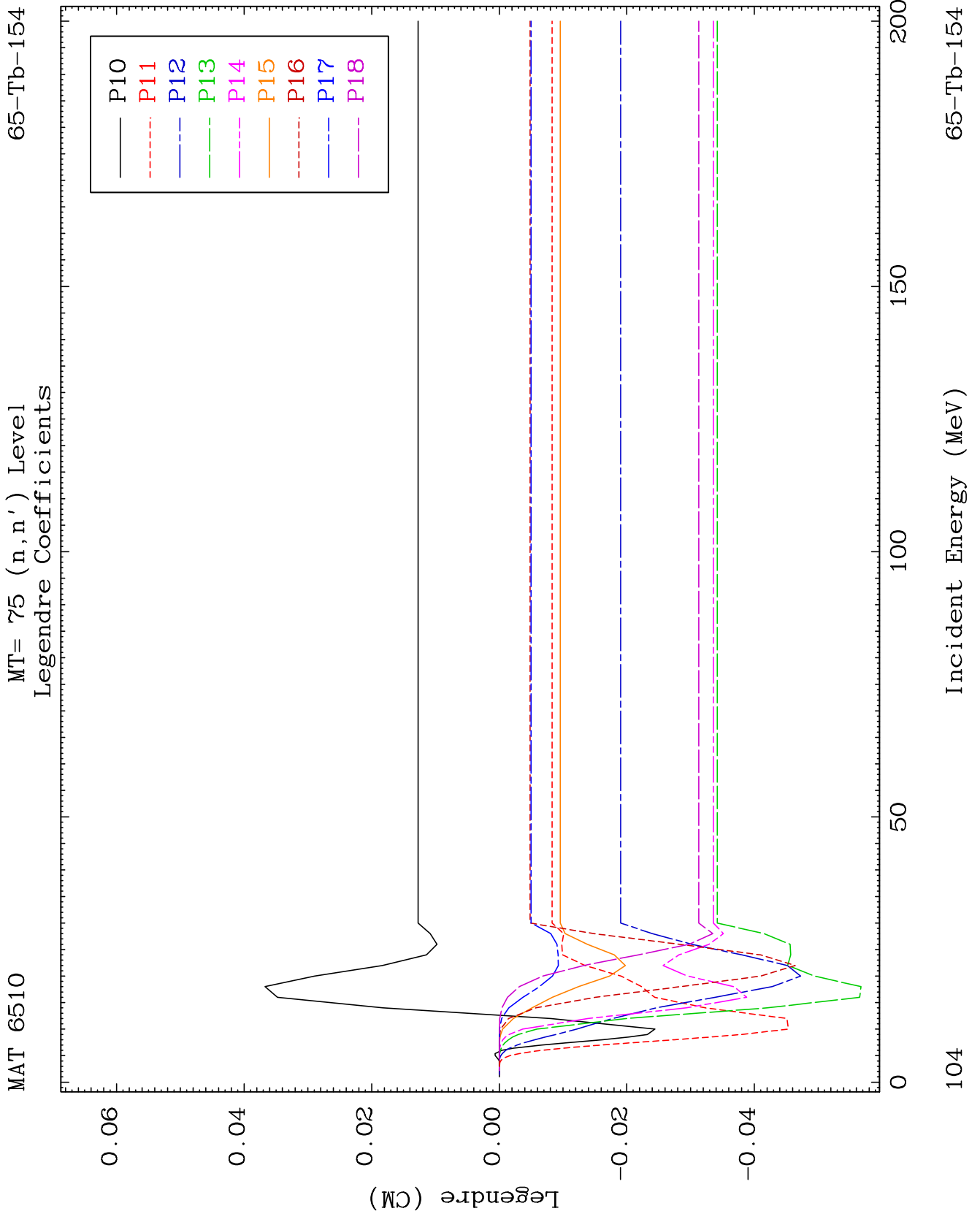
101

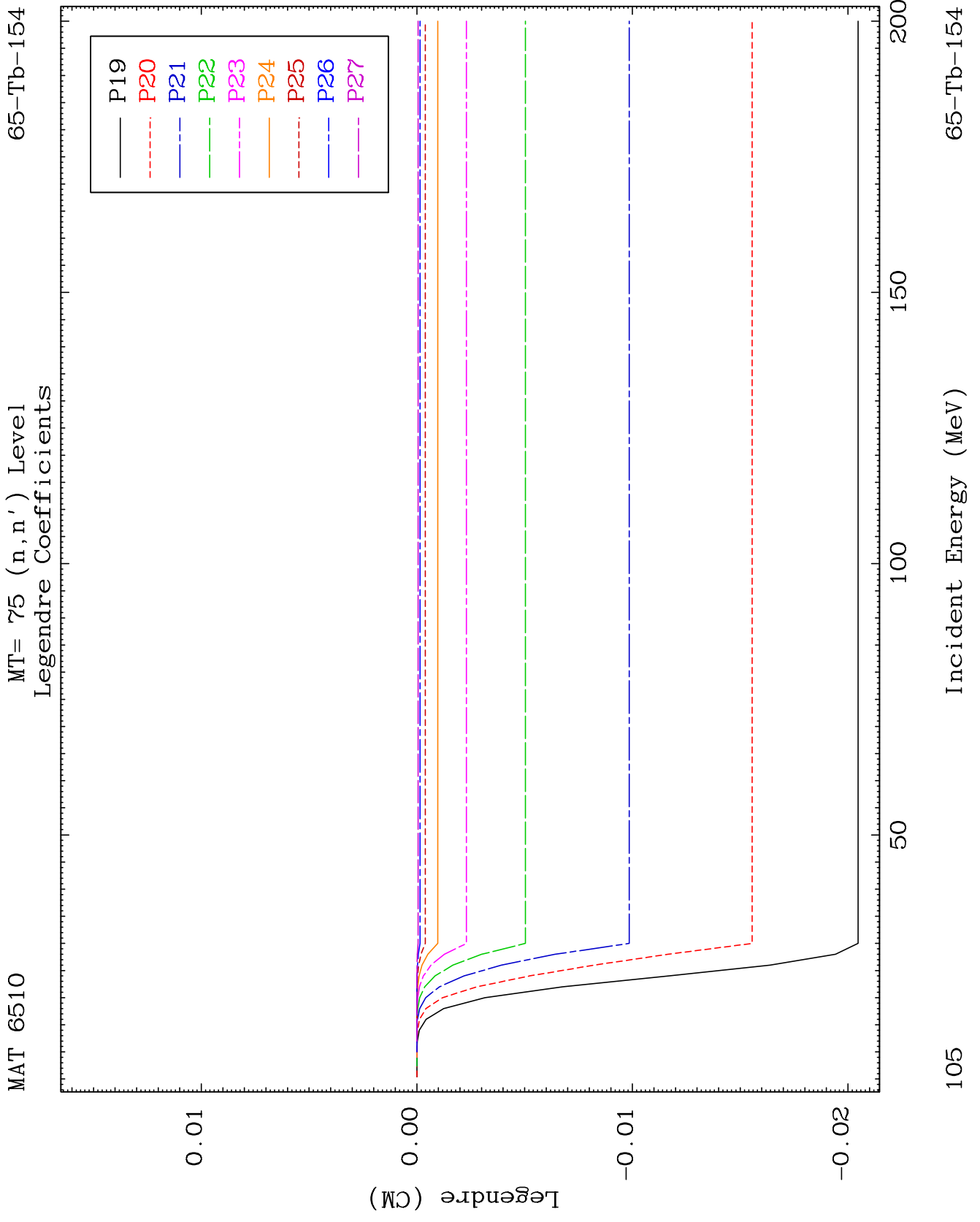
Incident Energy (MeV)

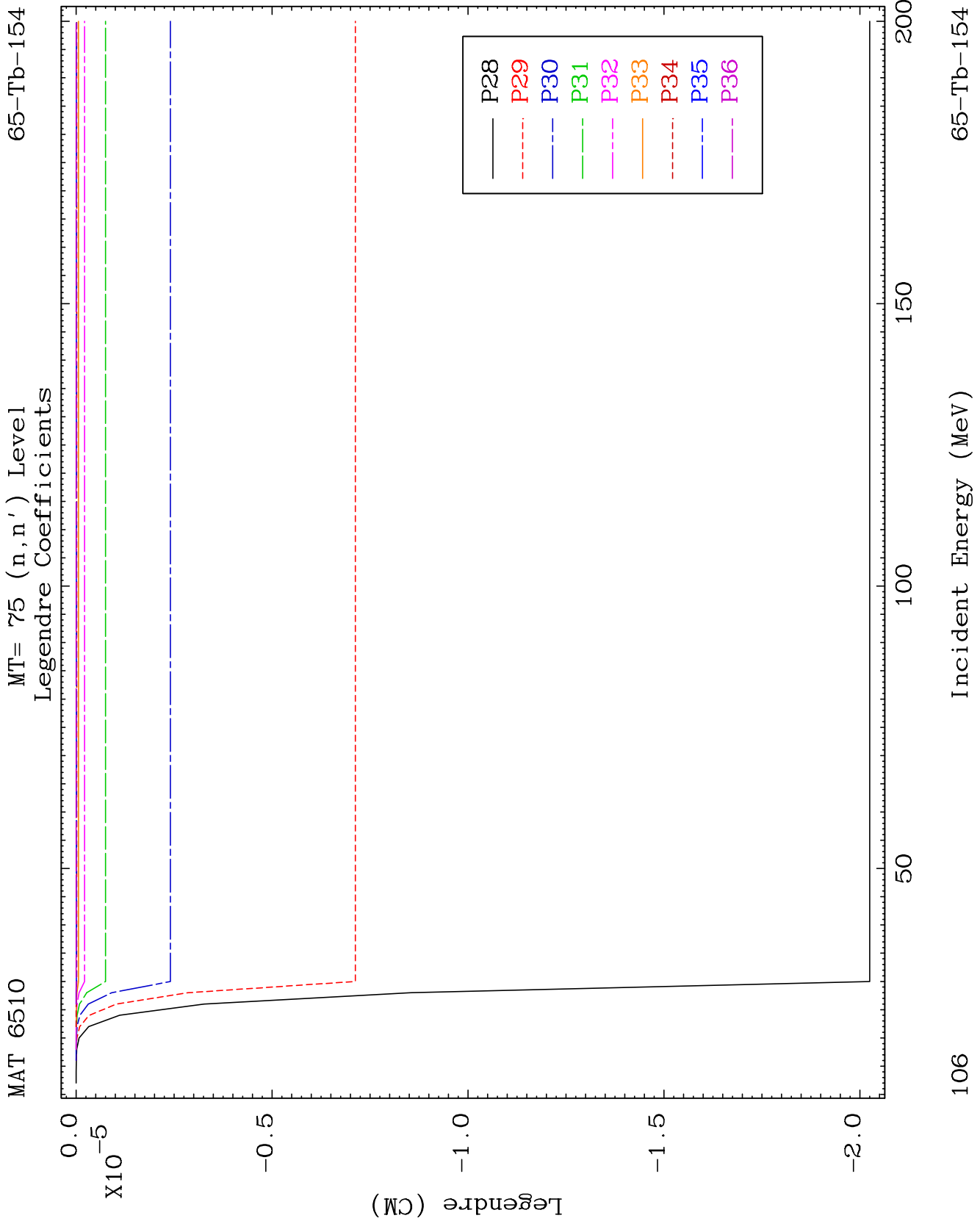
65-Tb-154

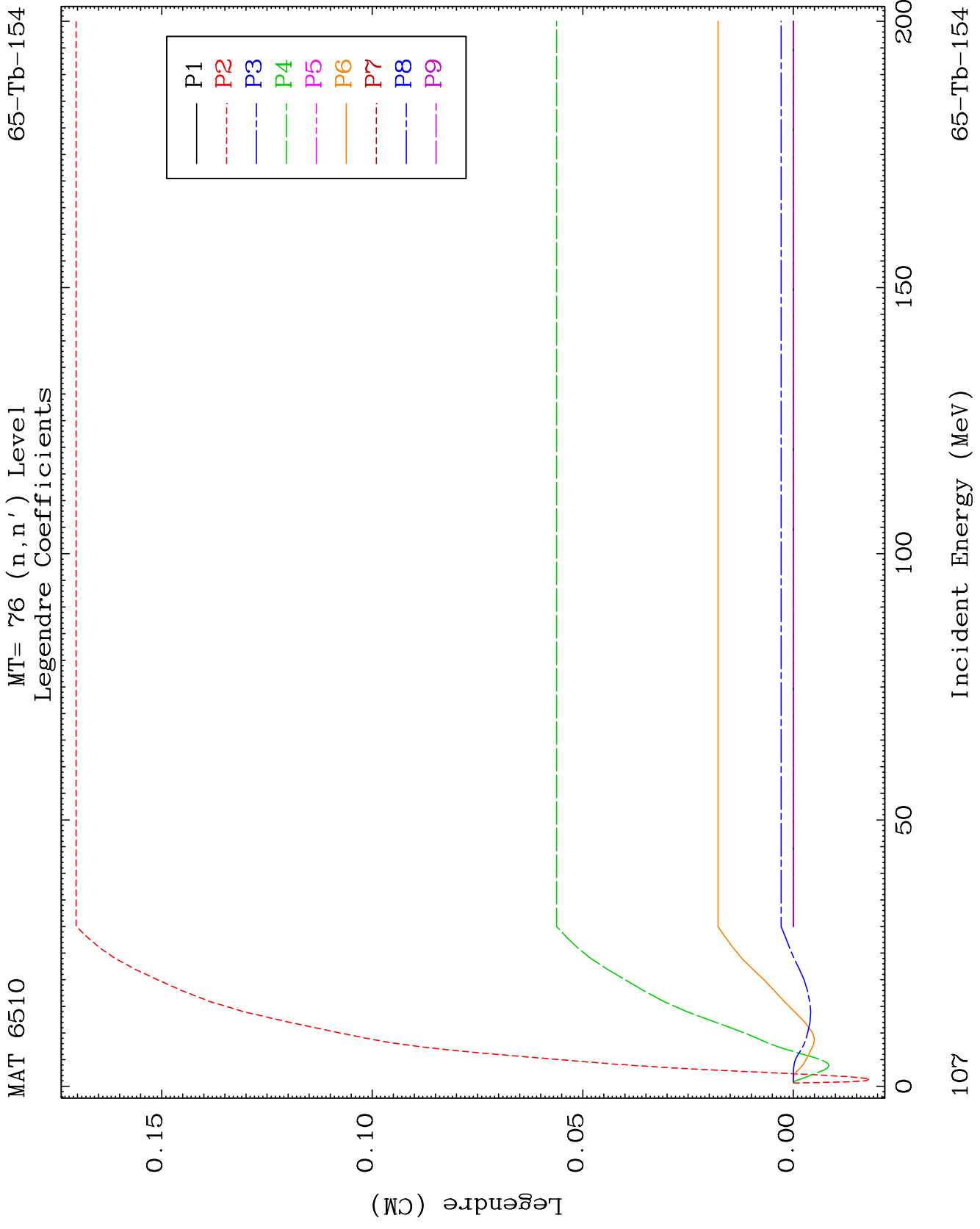








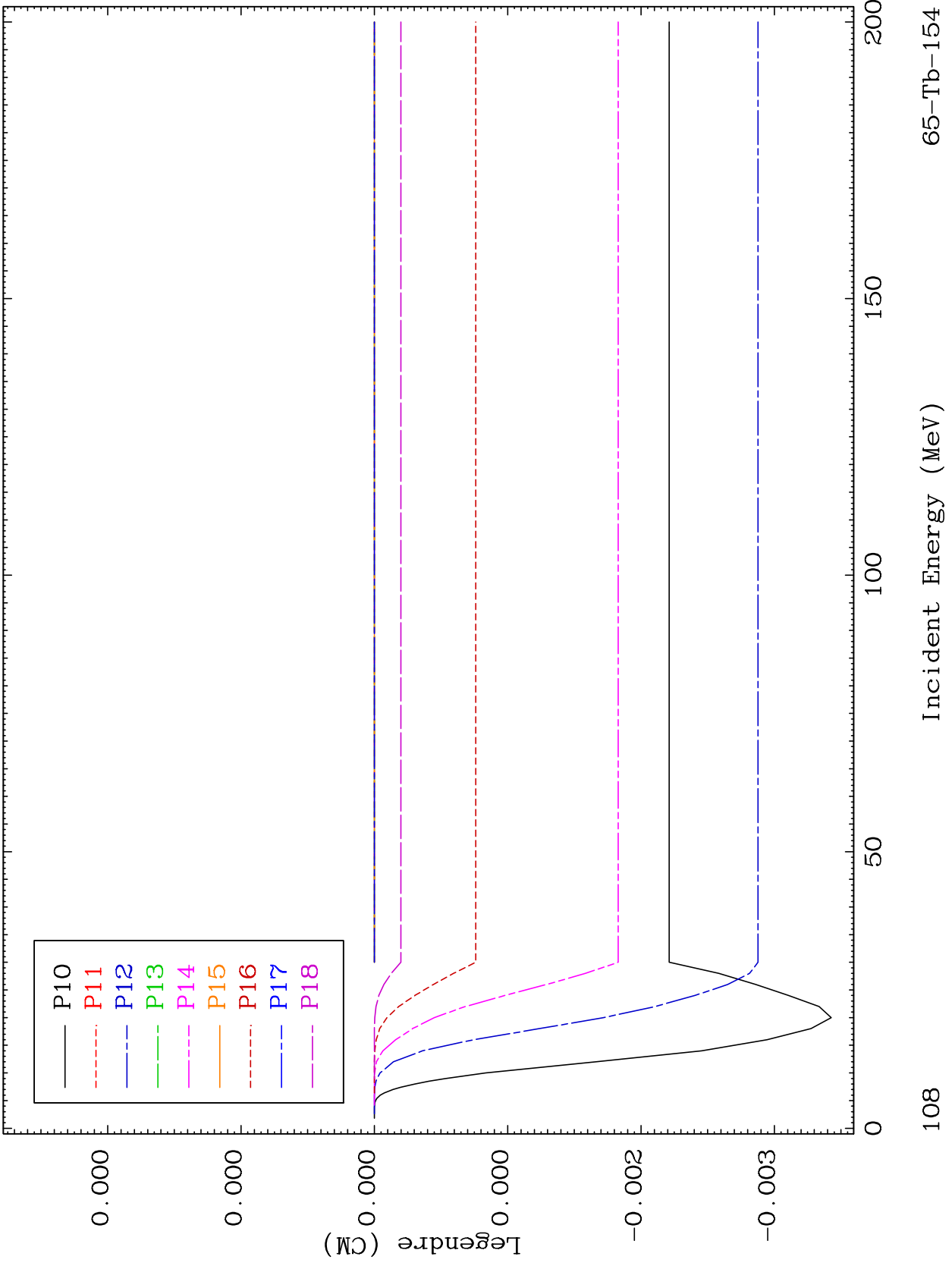


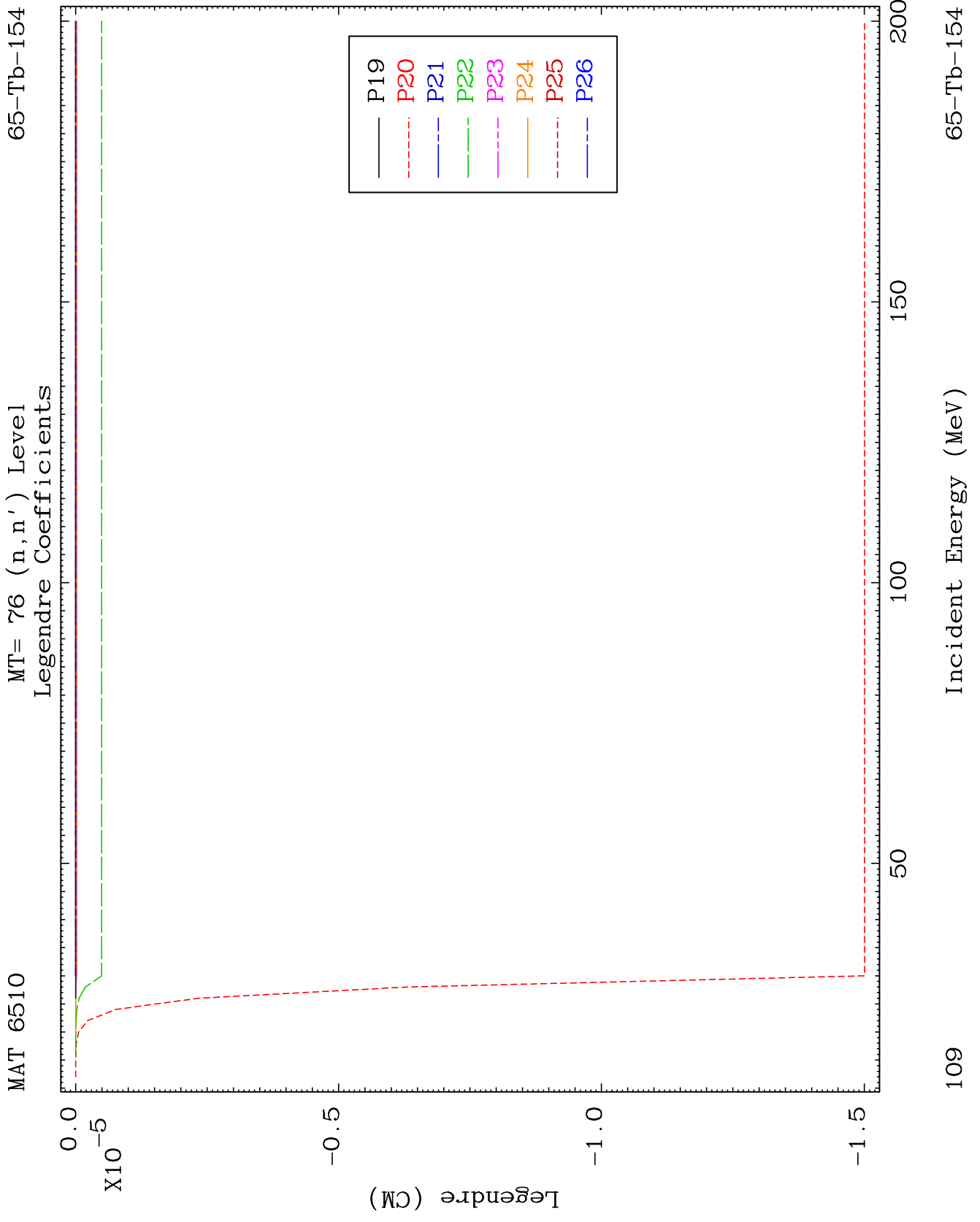


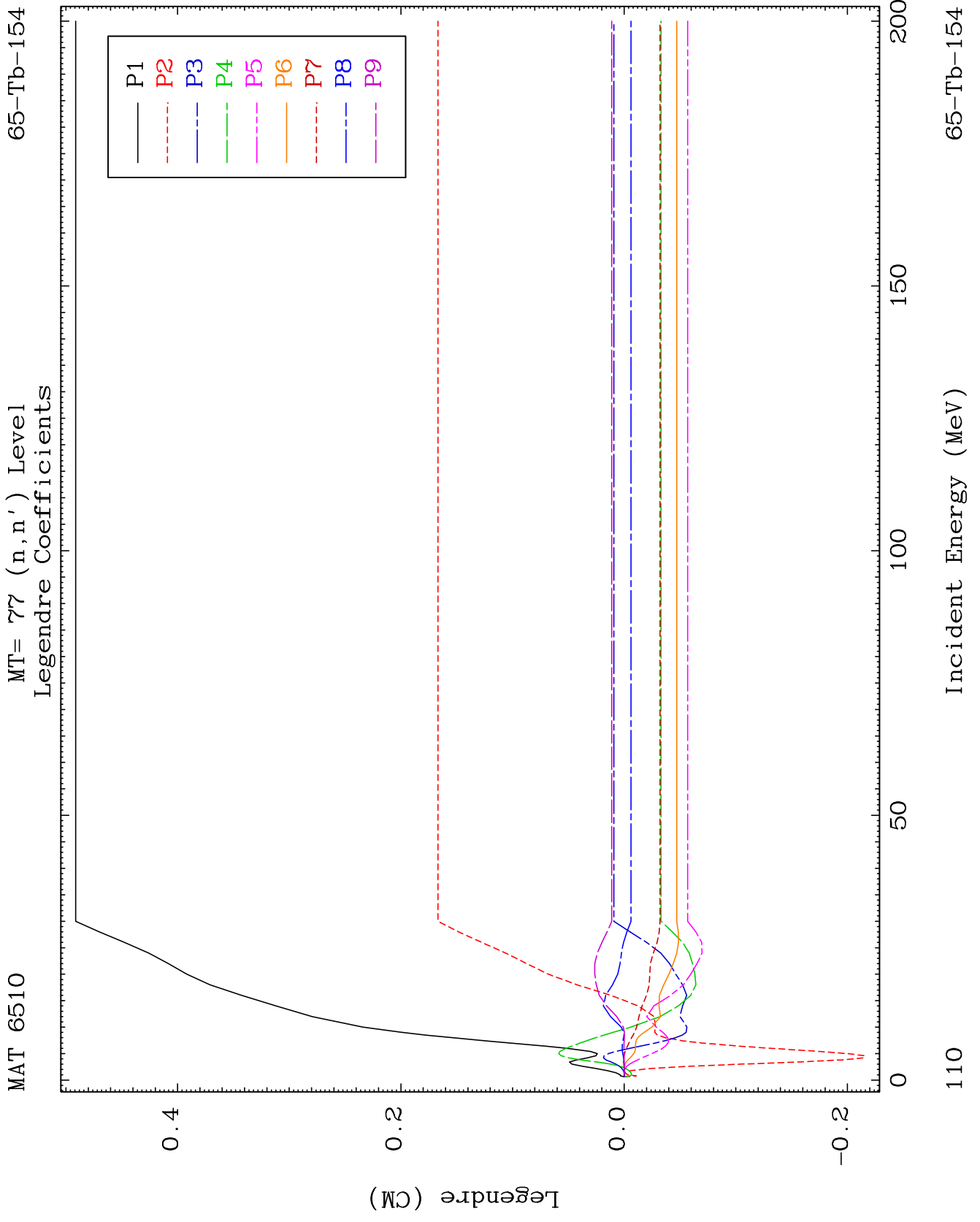
MAT 6510

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

65-Tb-154



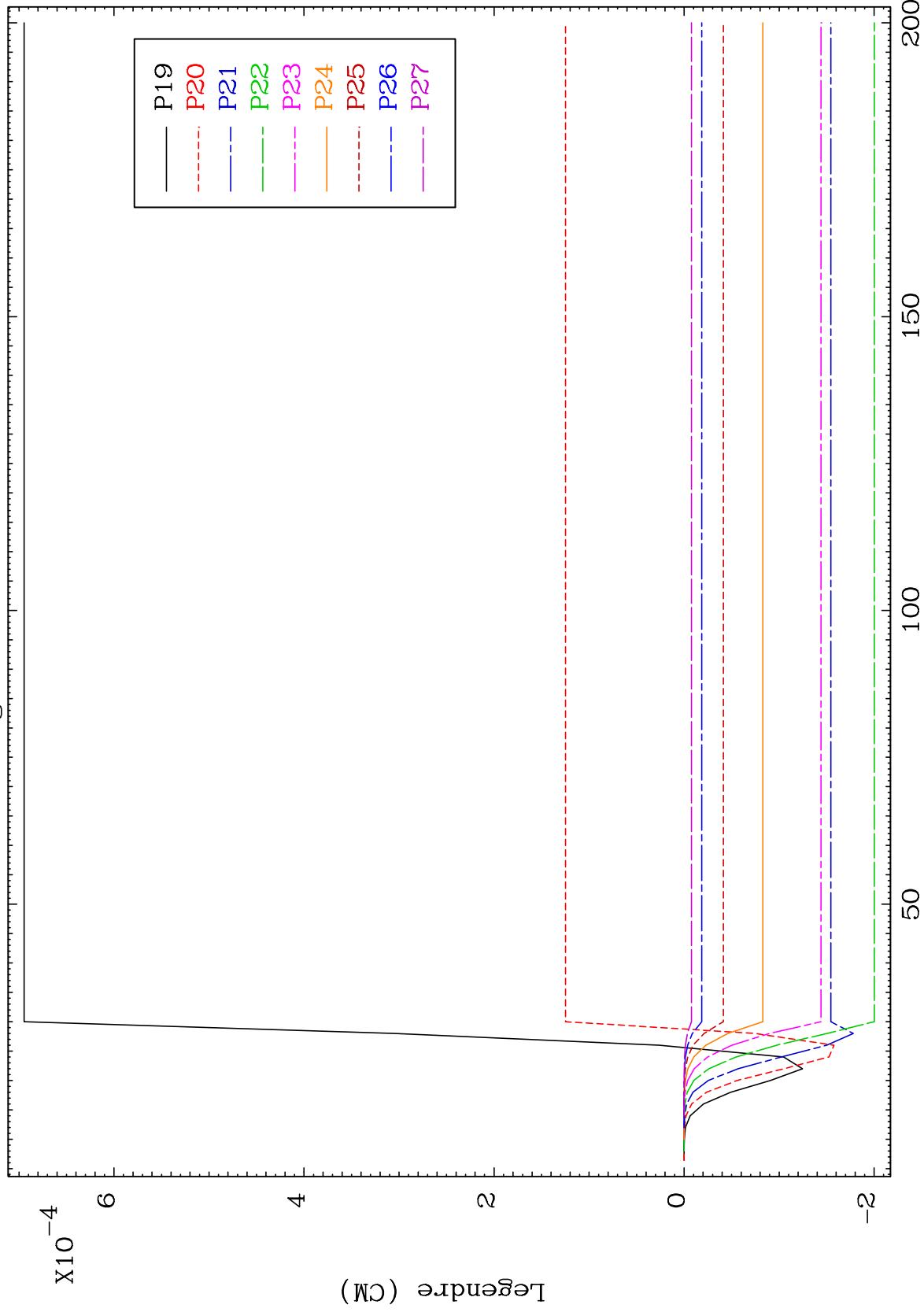




MAT 6510

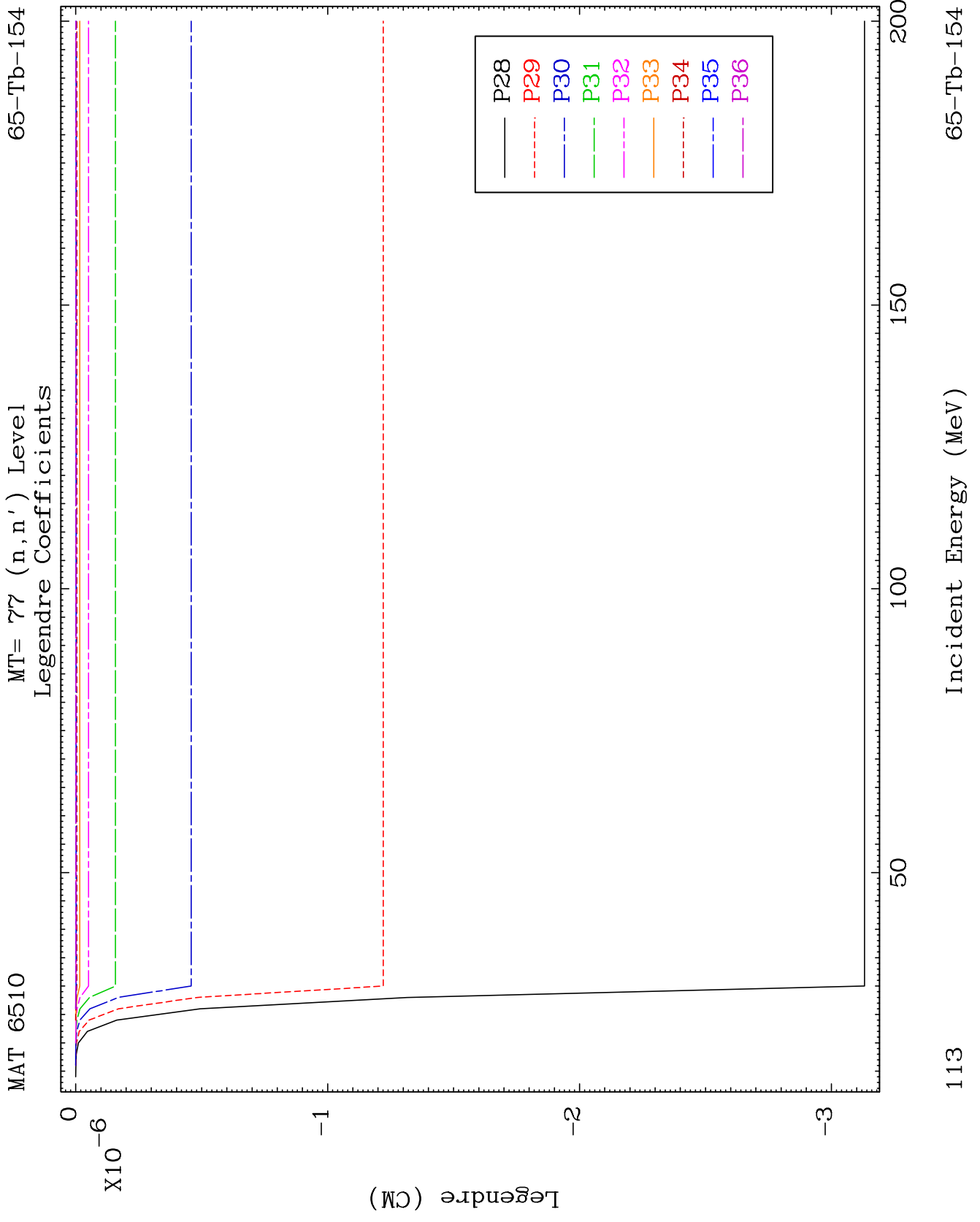
MT= 77 (n,n') Level
Legendre Coefficients

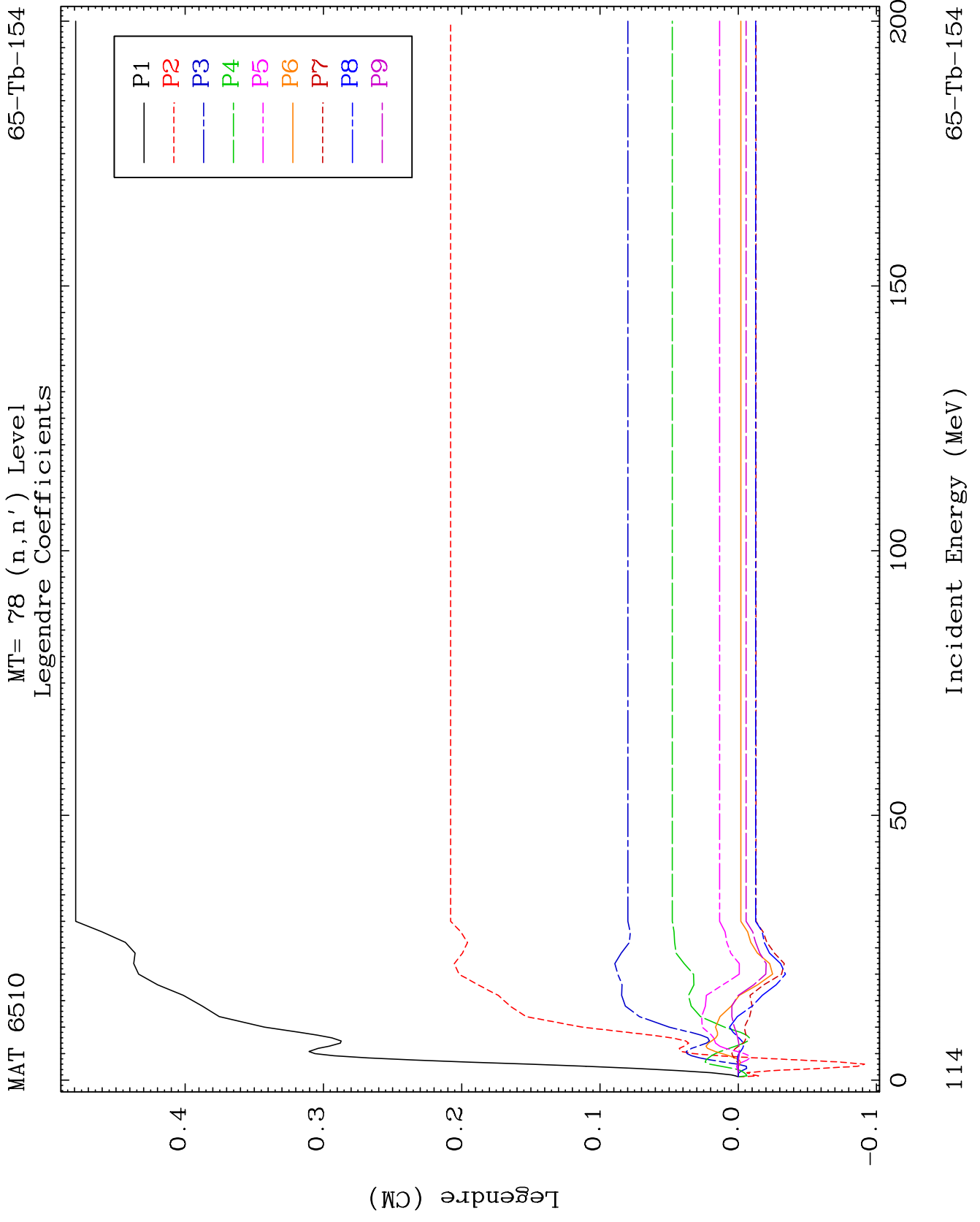
65-Tb-154

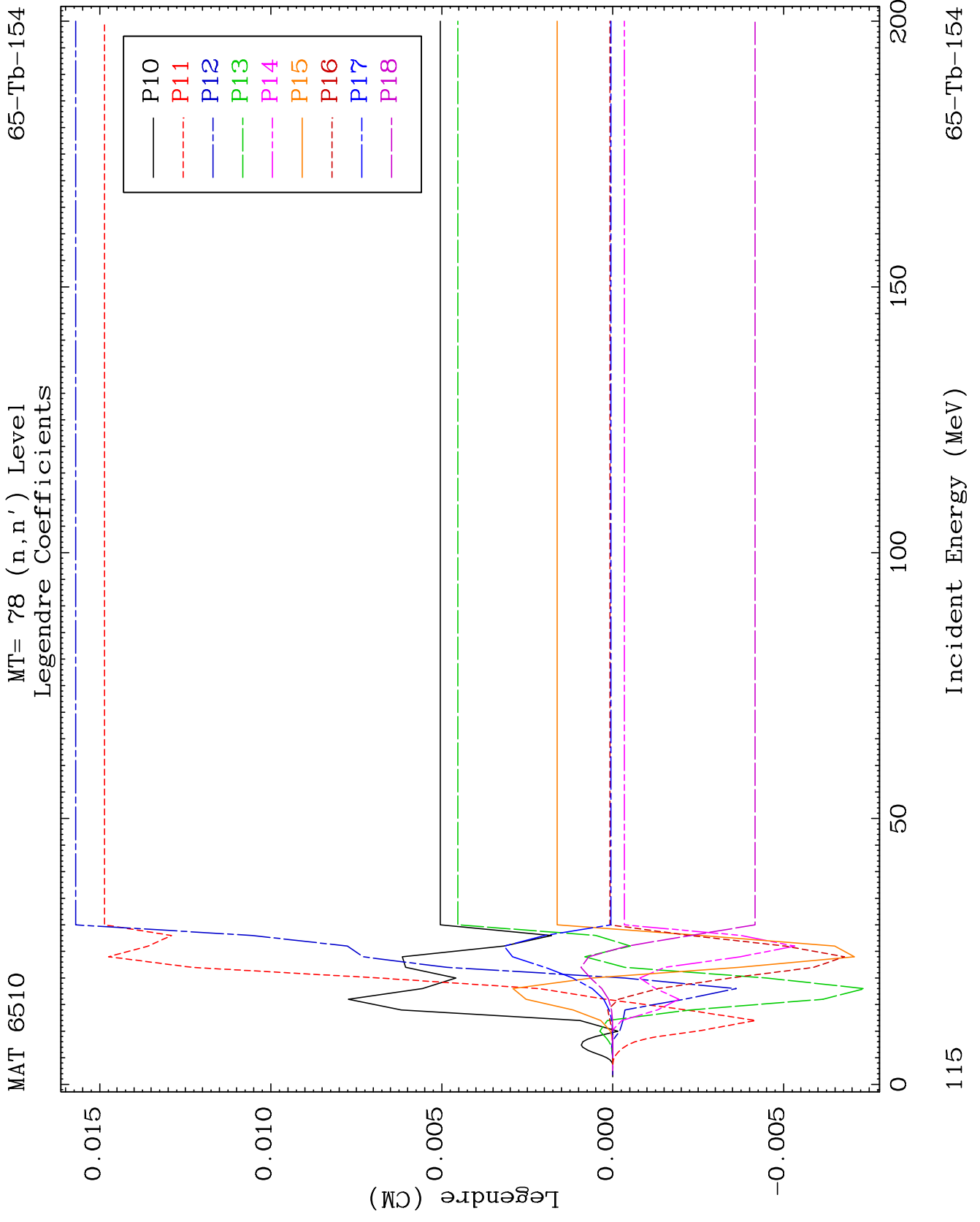


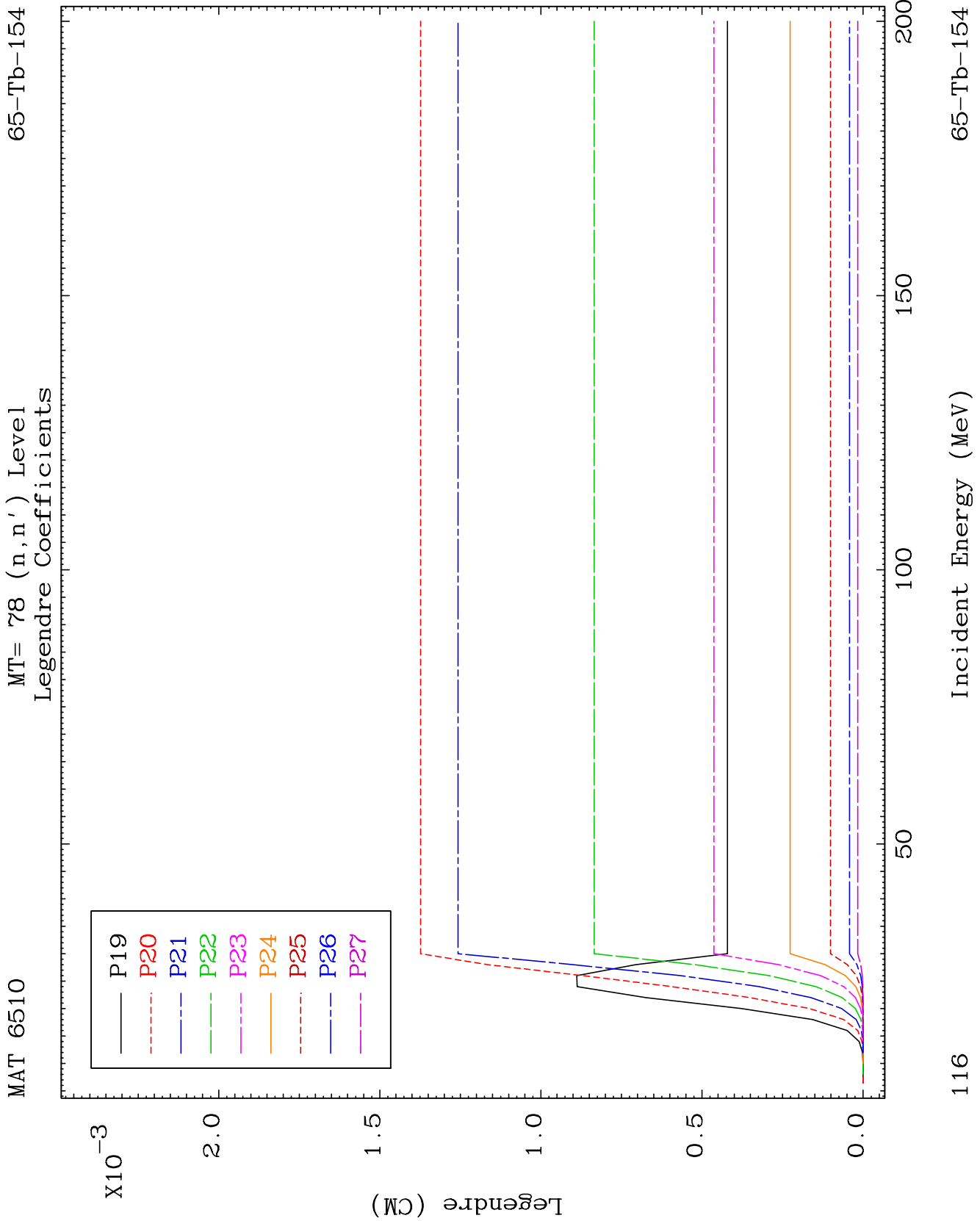
112

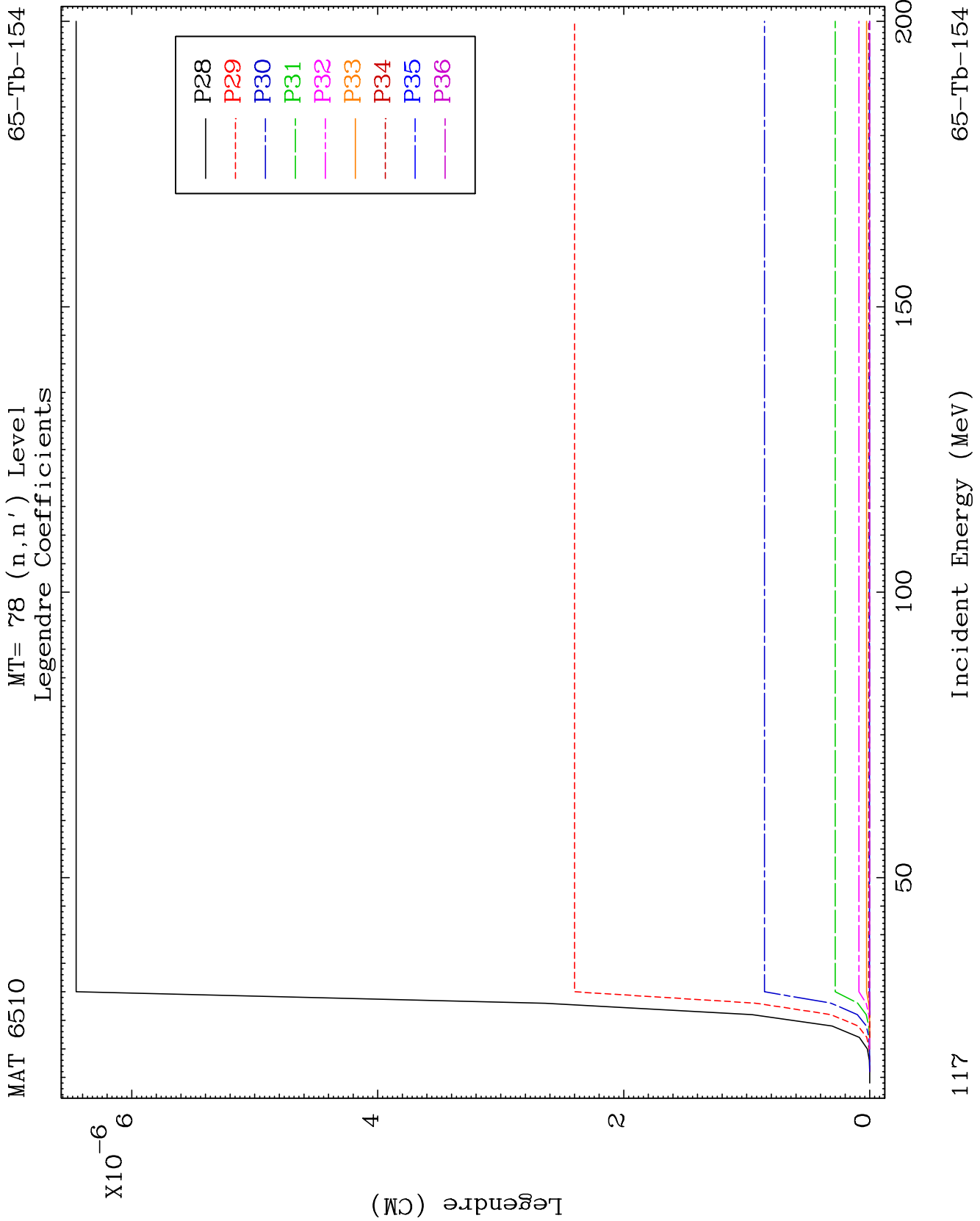
65-Tb-154







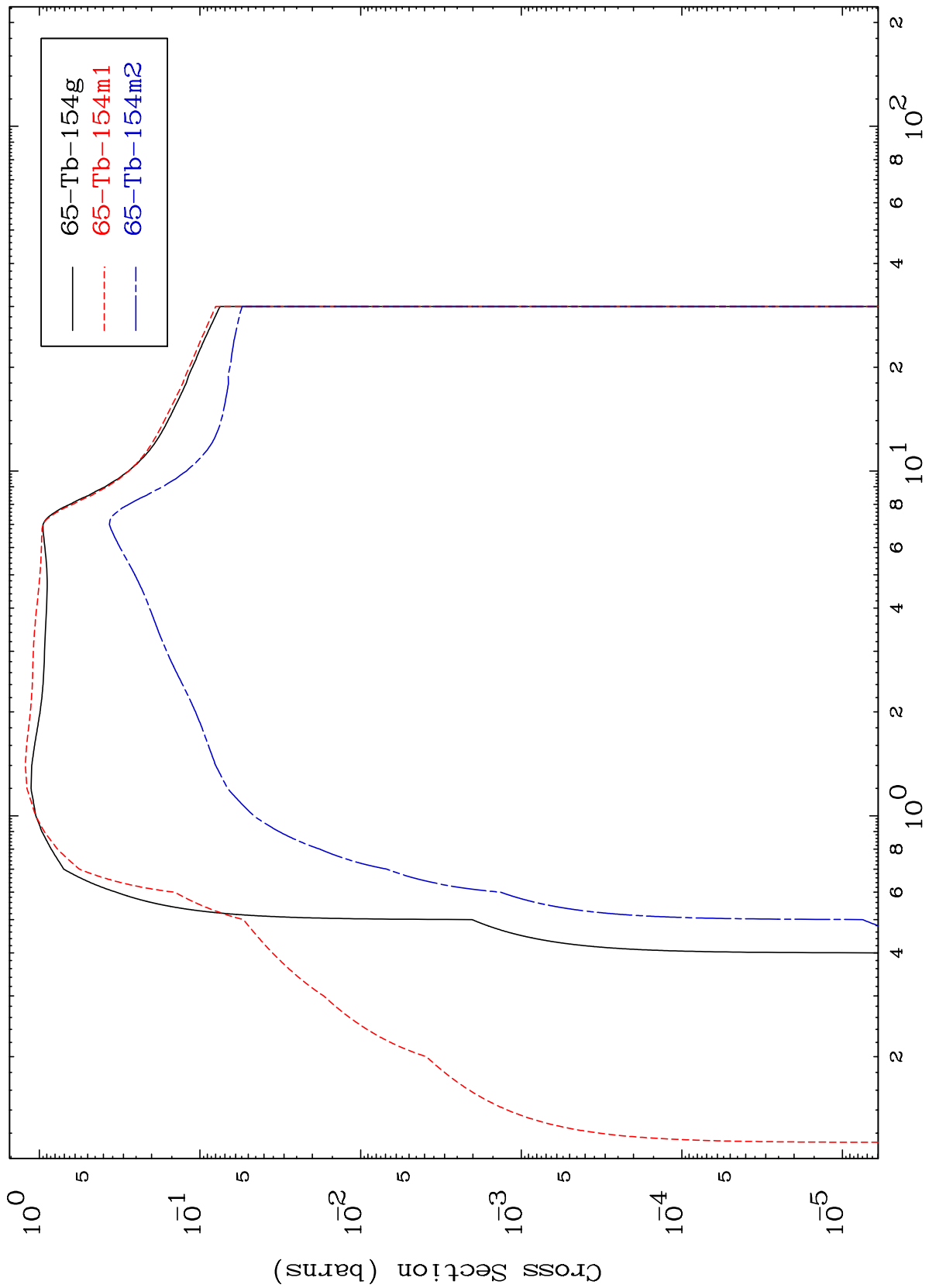




MAT 6510

65-Tb-154

Inelastic
Radionuclide Production Cross Section



118

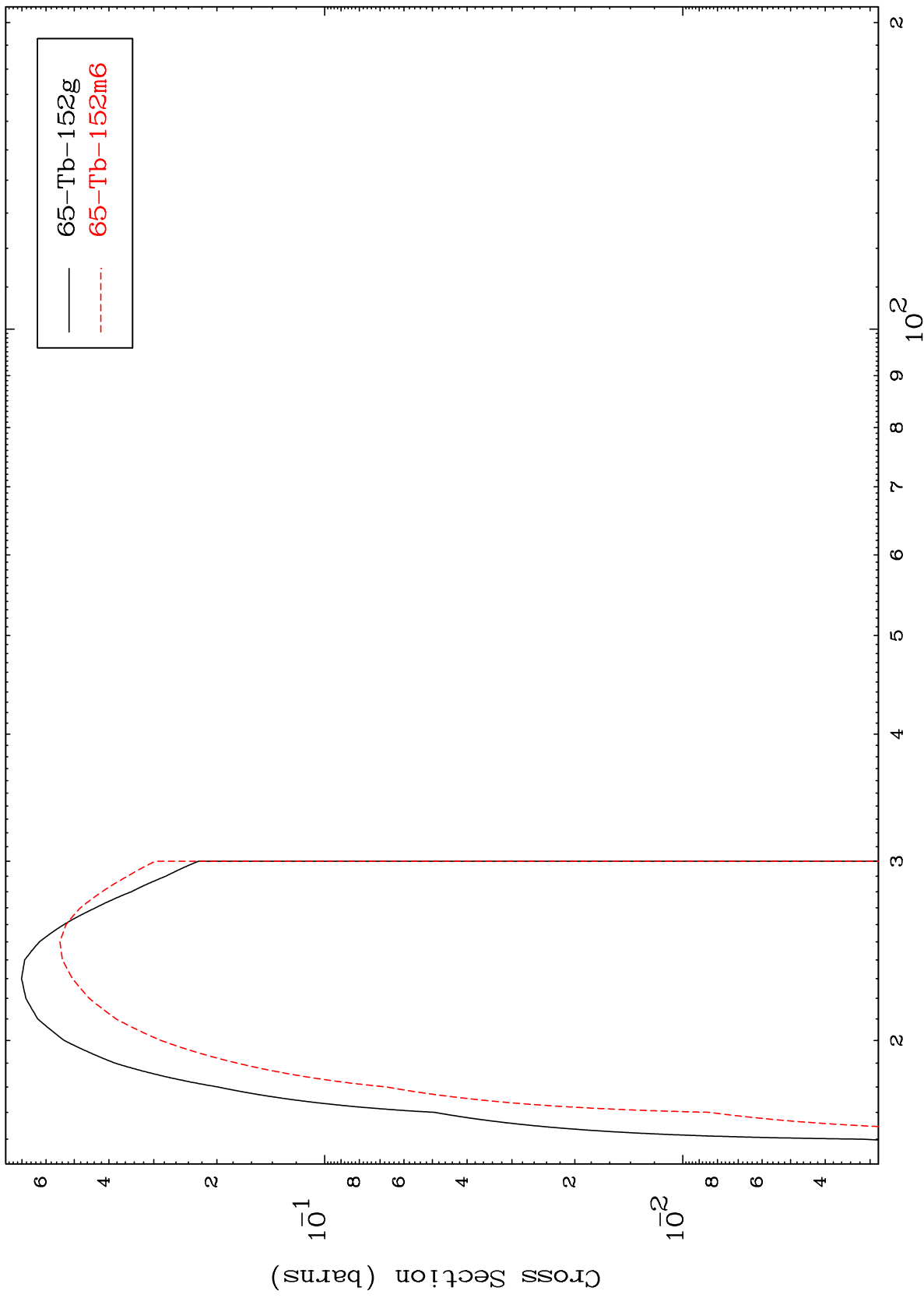
Incident Energy (MeV)

65-Tb-154

MAT 6510

65-Tb-154

(n,3n)
Radionuclide Production Cross Section



119

Incident Energy (MeV)

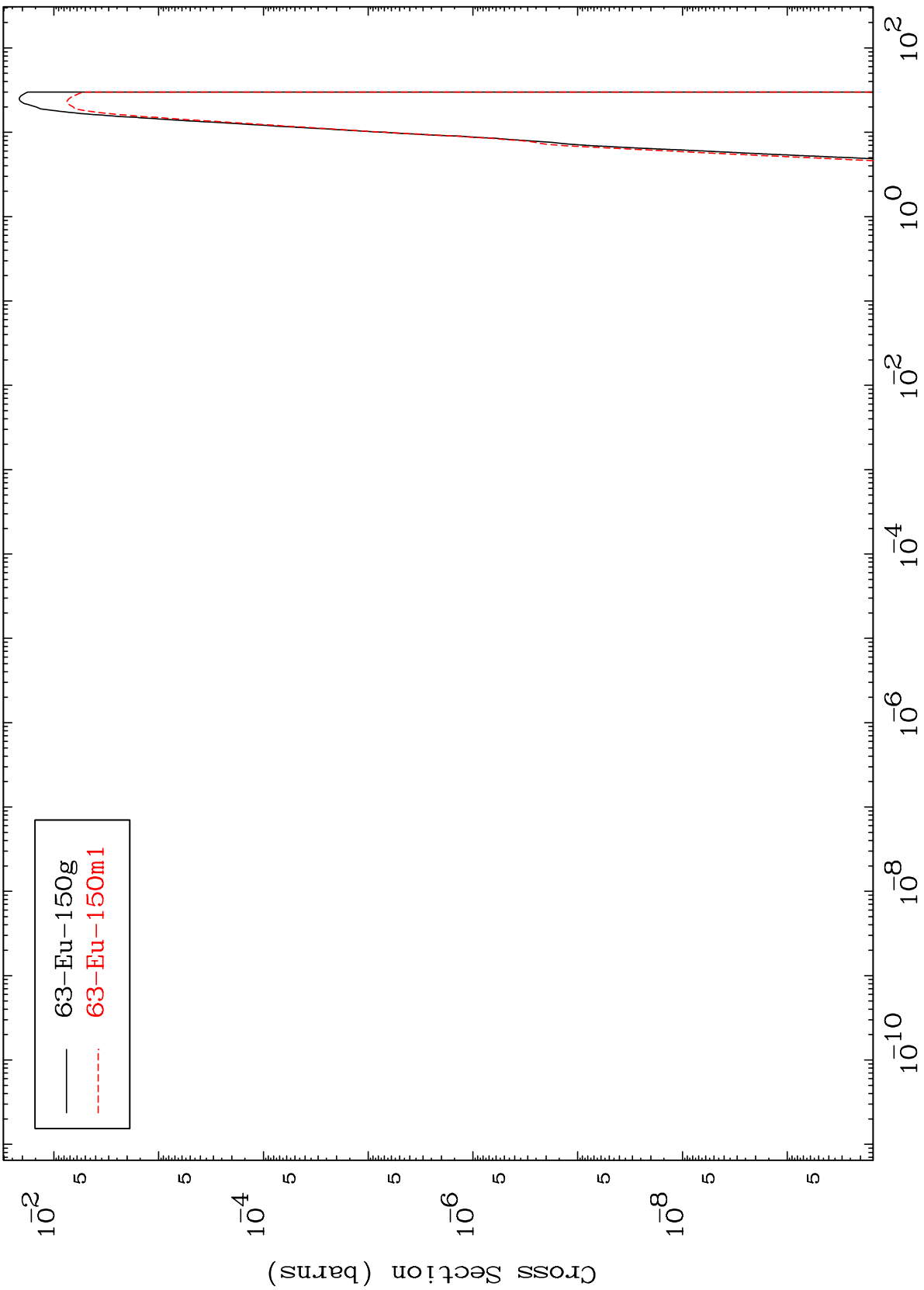
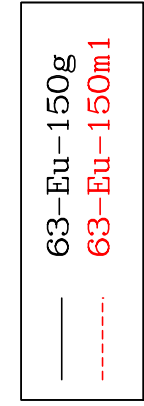
65-Tb-154

MAT 6510

(n, n') α

65-Tb-154

Radionuclide Production Cross Section



120

Incident Energy (MeV)

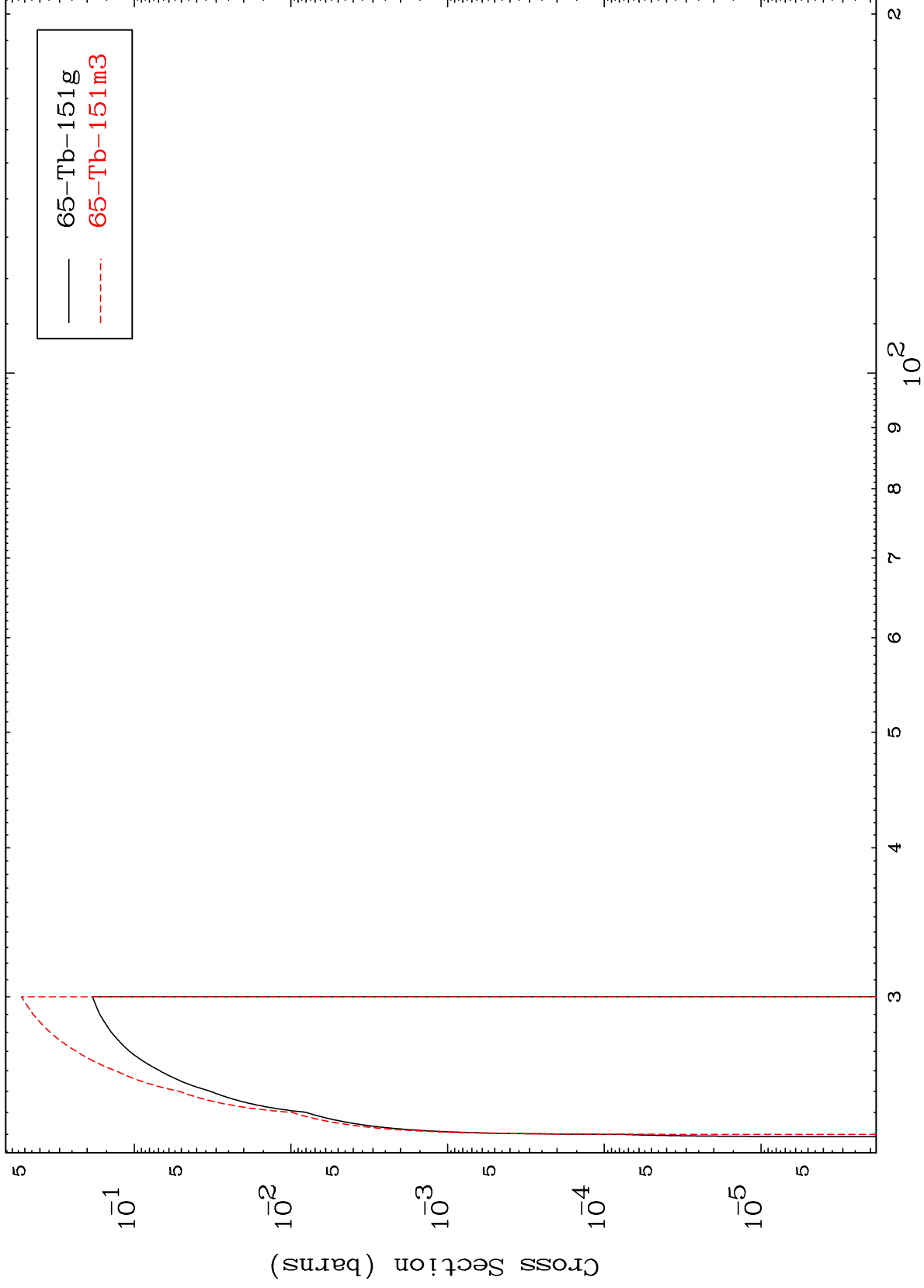
65-Tb-154

MAT 6510

(n,4n)

65-Tb-154

Radionuclide Production Cross Section



121

Incident Energy (MeV)

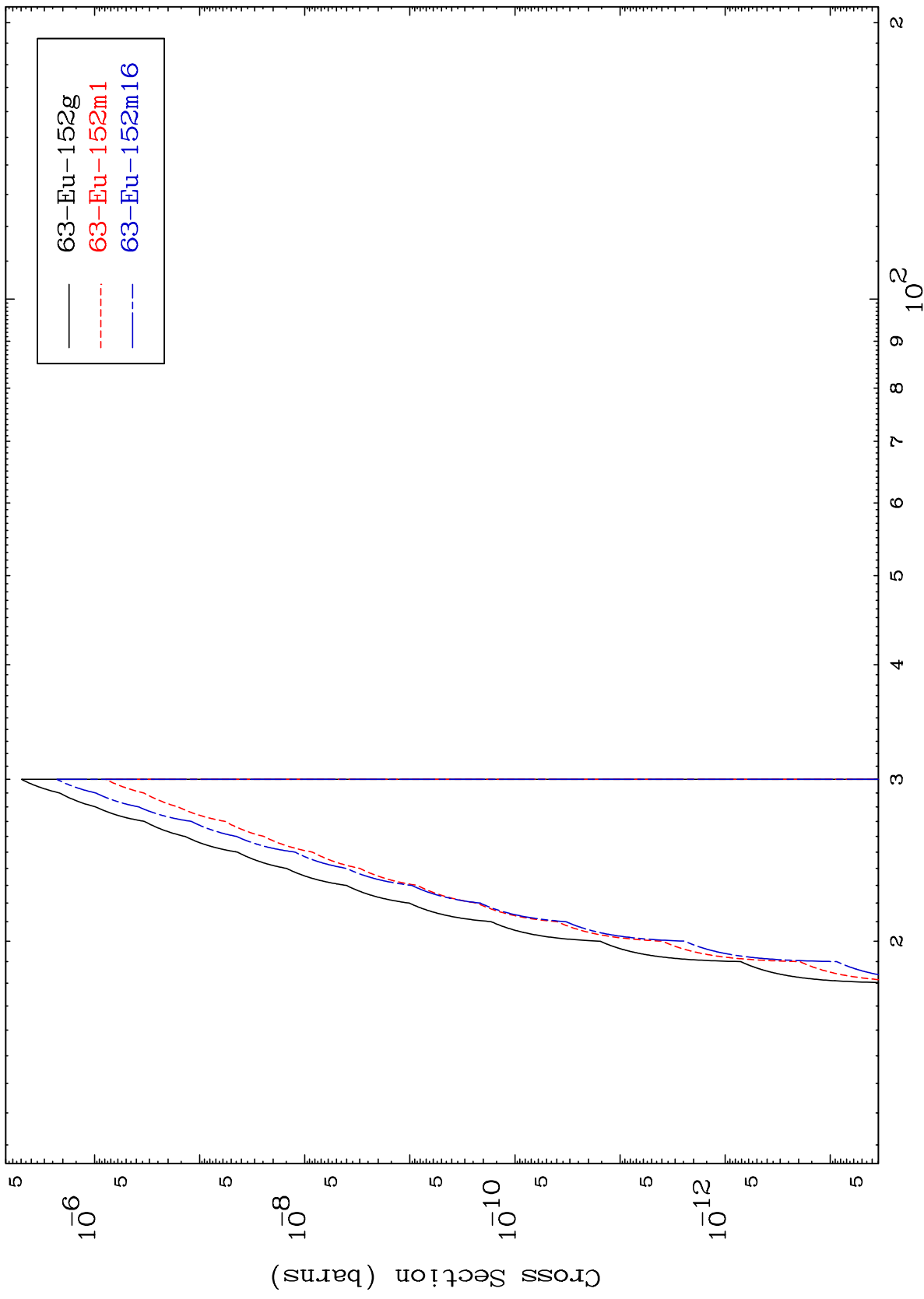
65-Tb-154

MAT 6510

(n,2n) p

65-Tb-154

Radionuclide Production Cross Section



122

Incident Energy (MeV)

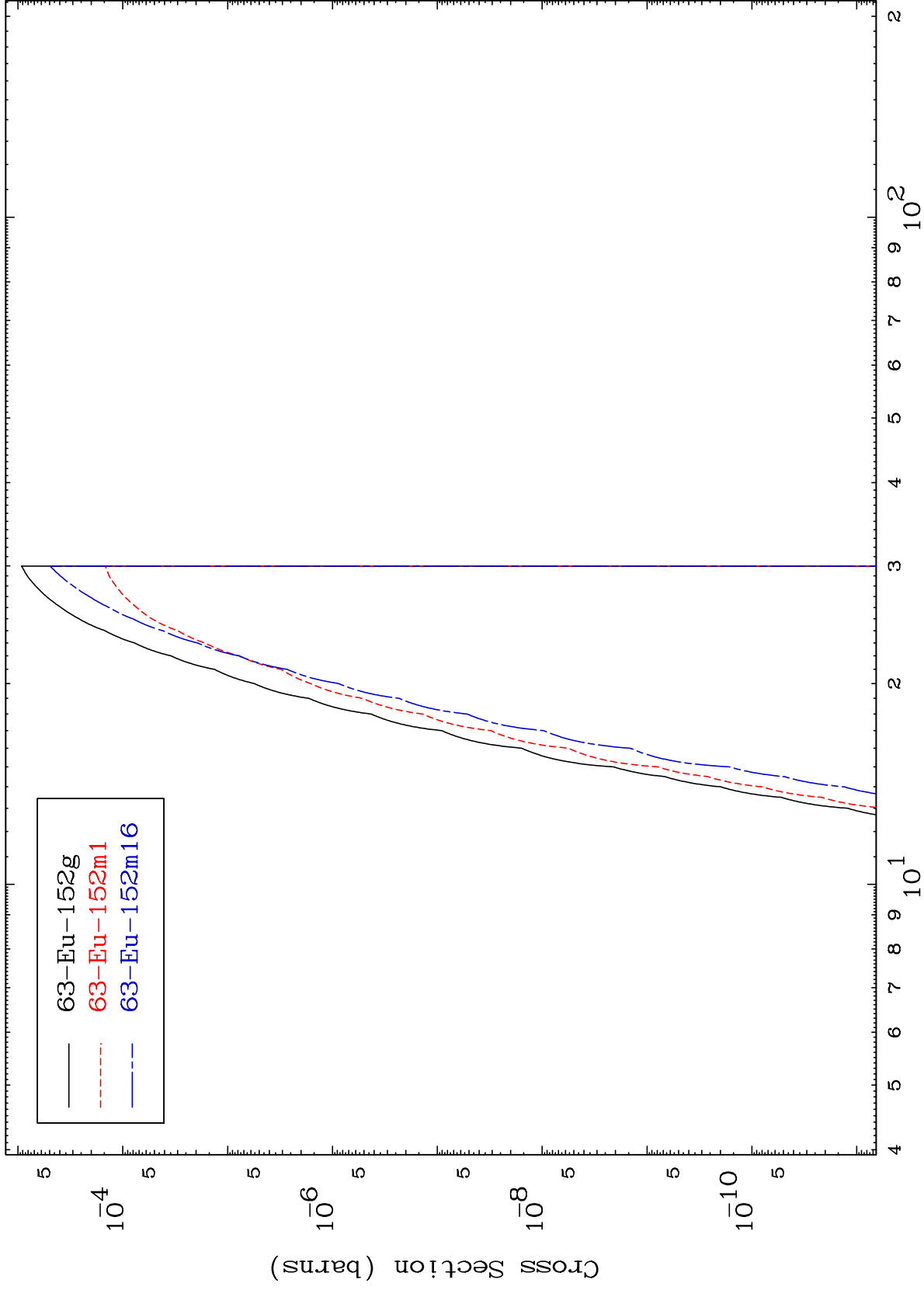
65-Tb-154

MAT 6510

(n,He-3)

65-Tb-154

Radionuclide Production Cross Section



123

Incident Energy (MeV)

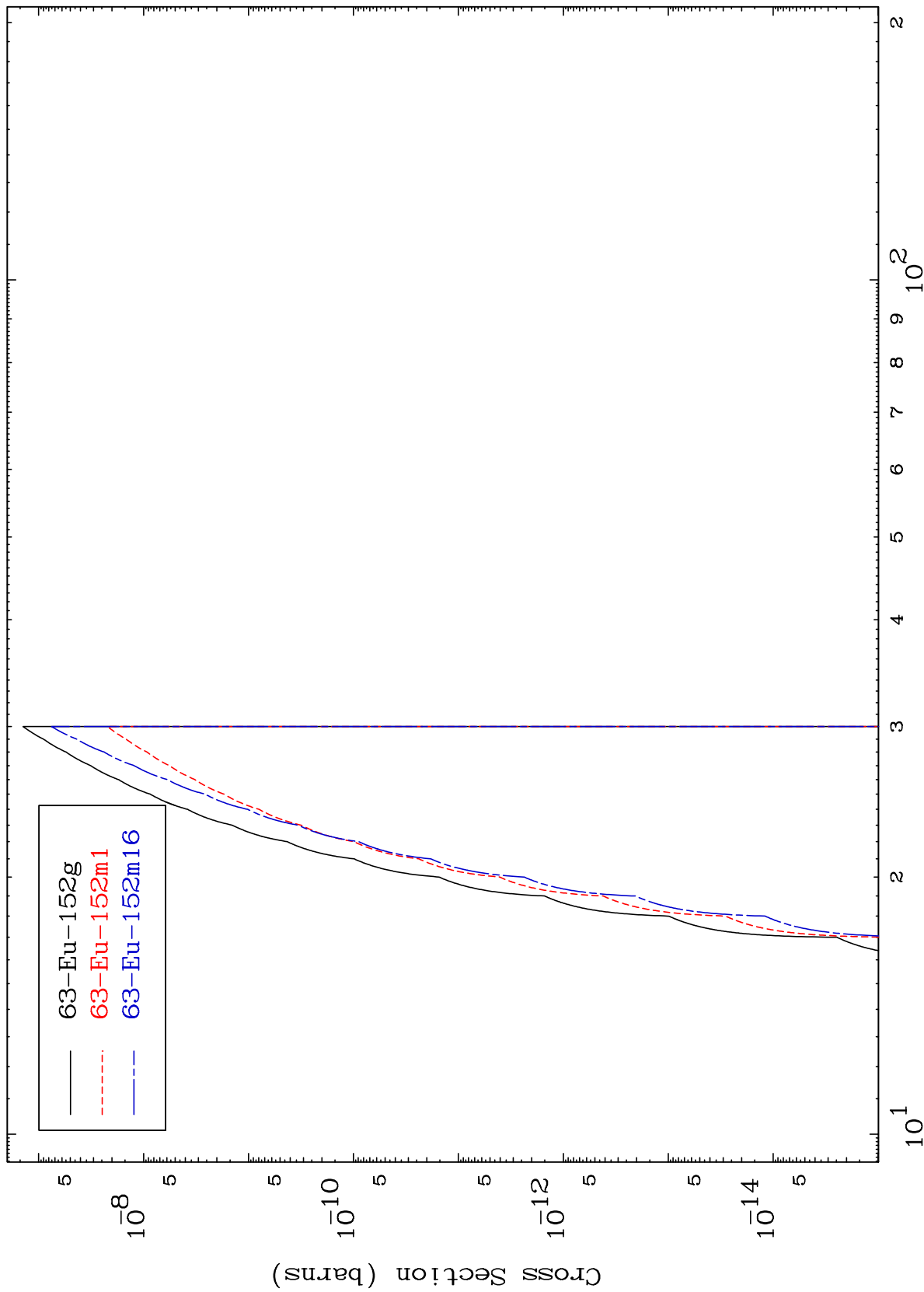
65-Tb-154

MAT 6510

(n,p) d

65-Tb-154

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-154

124