

Program EVALPLOT
(Version 2017-1)

by

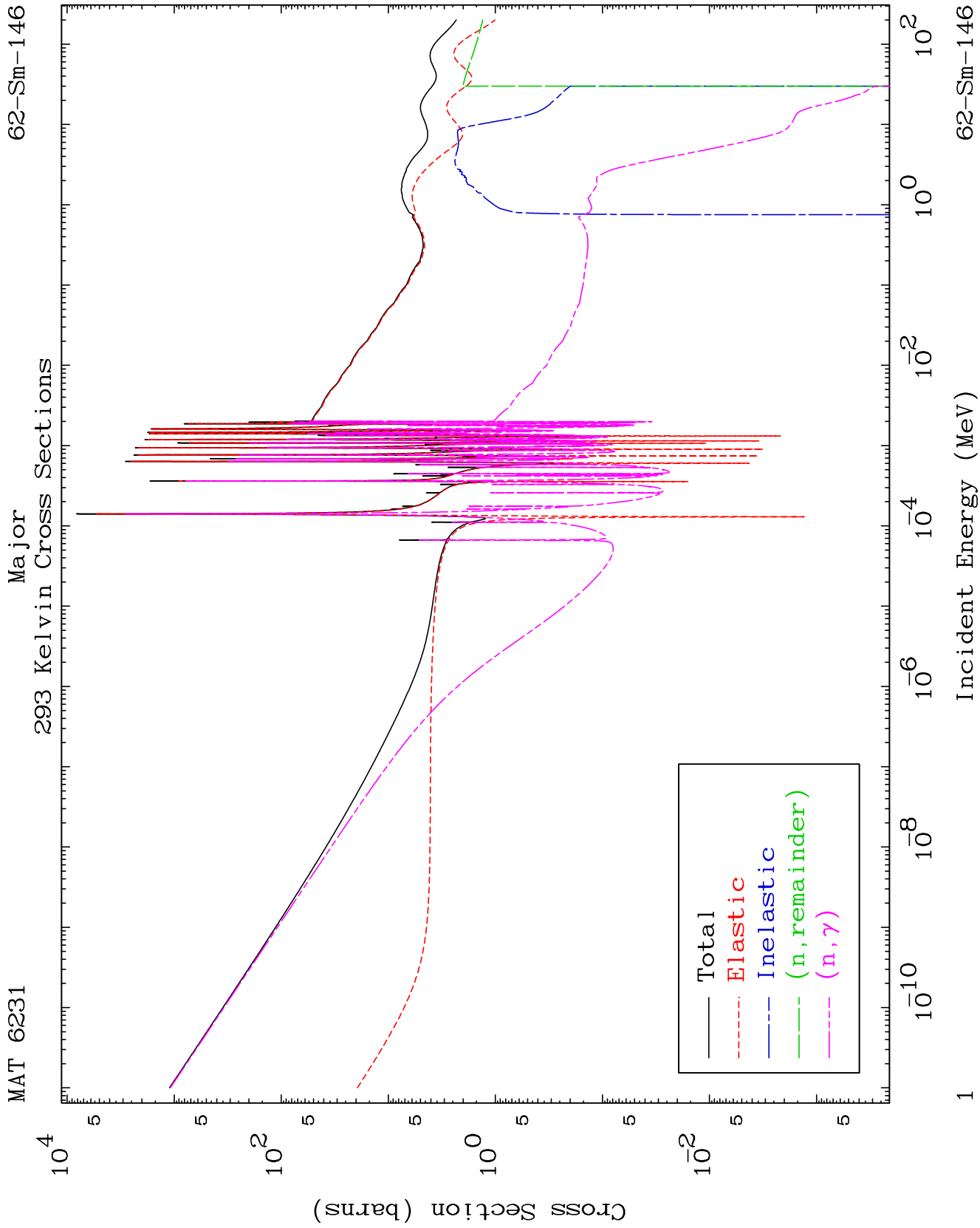
Dermott E. Cullen
(Present Contact Information)

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Tele: 925-443-1911

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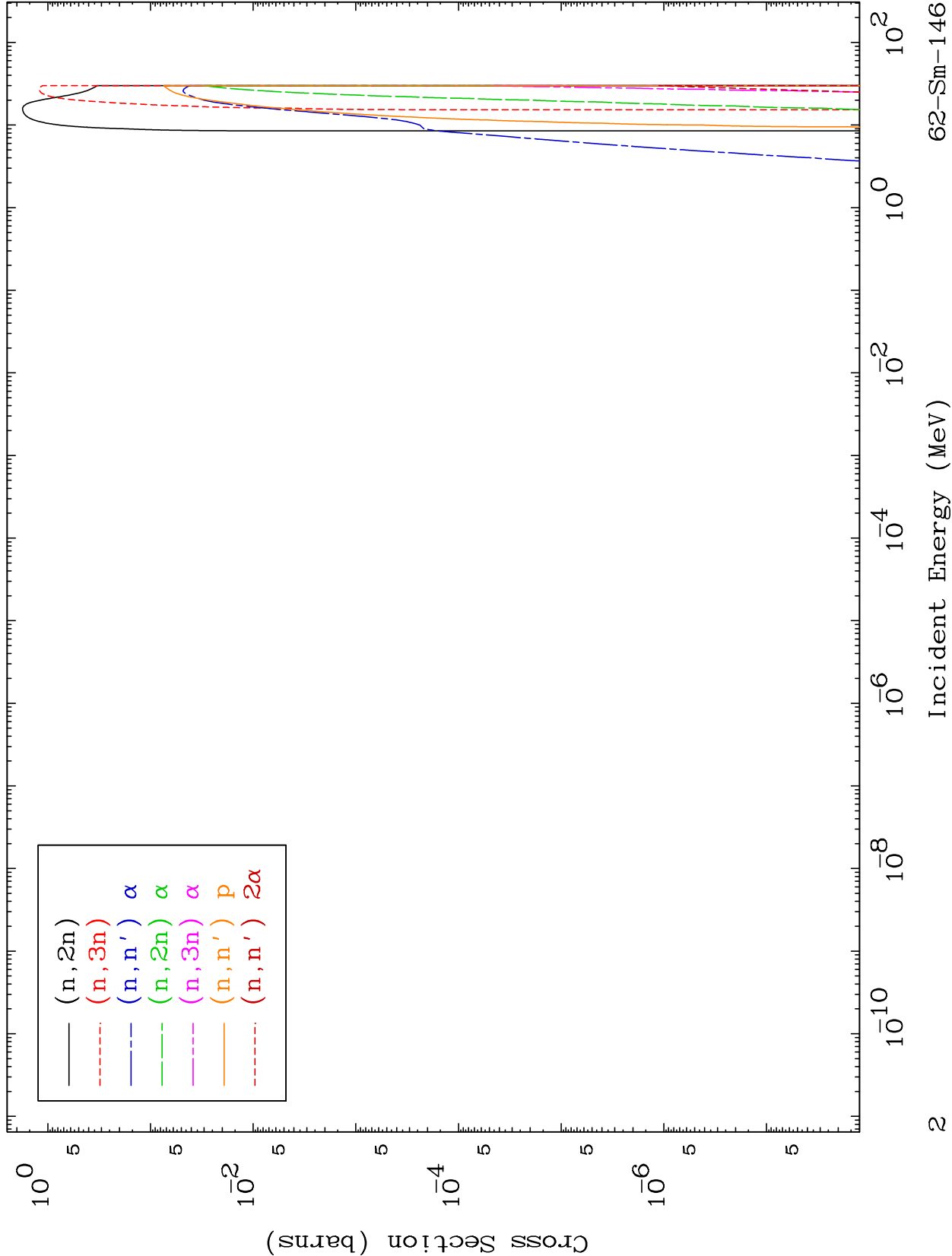
Press Mouse Button to Start

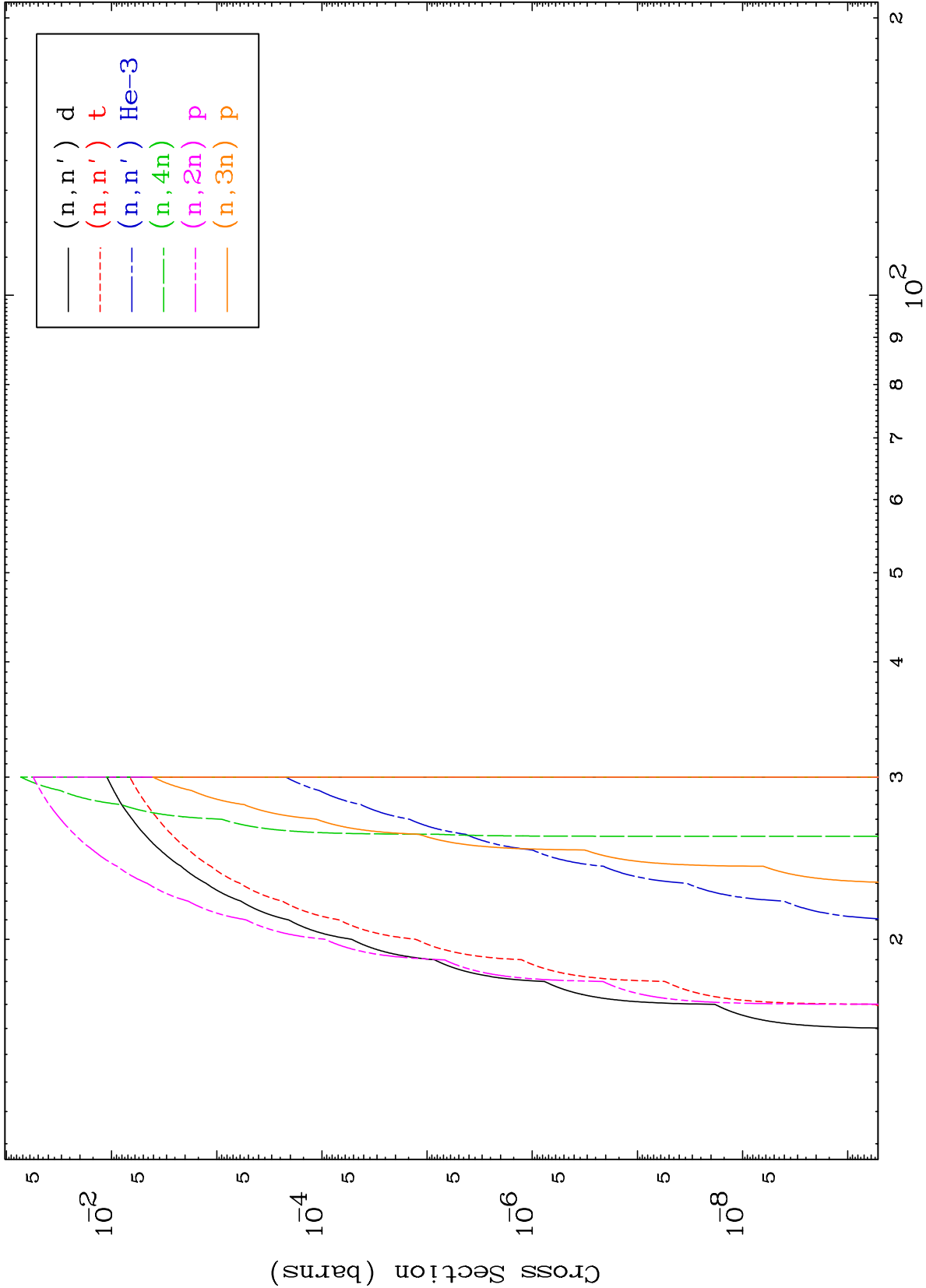


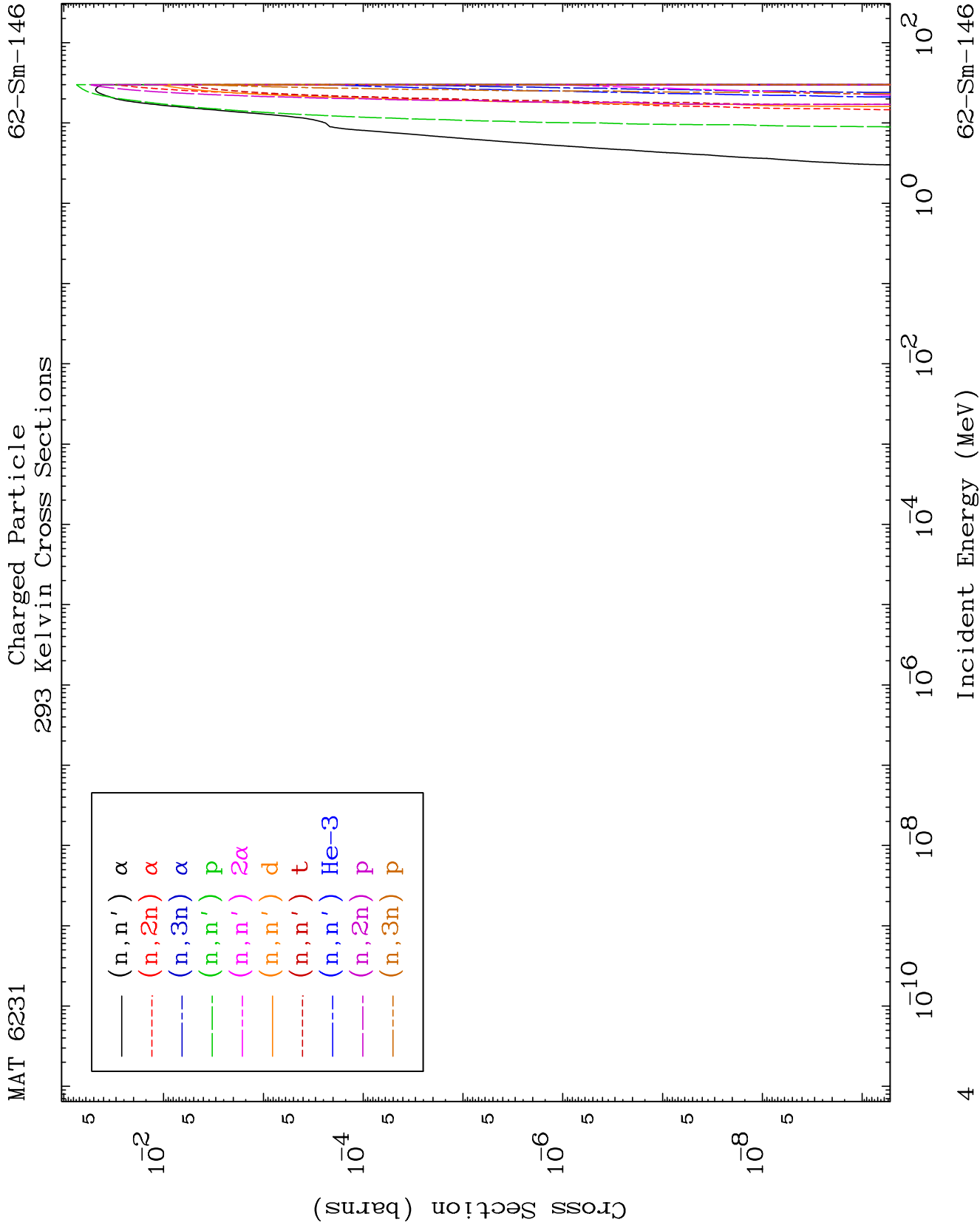
MAT 6231

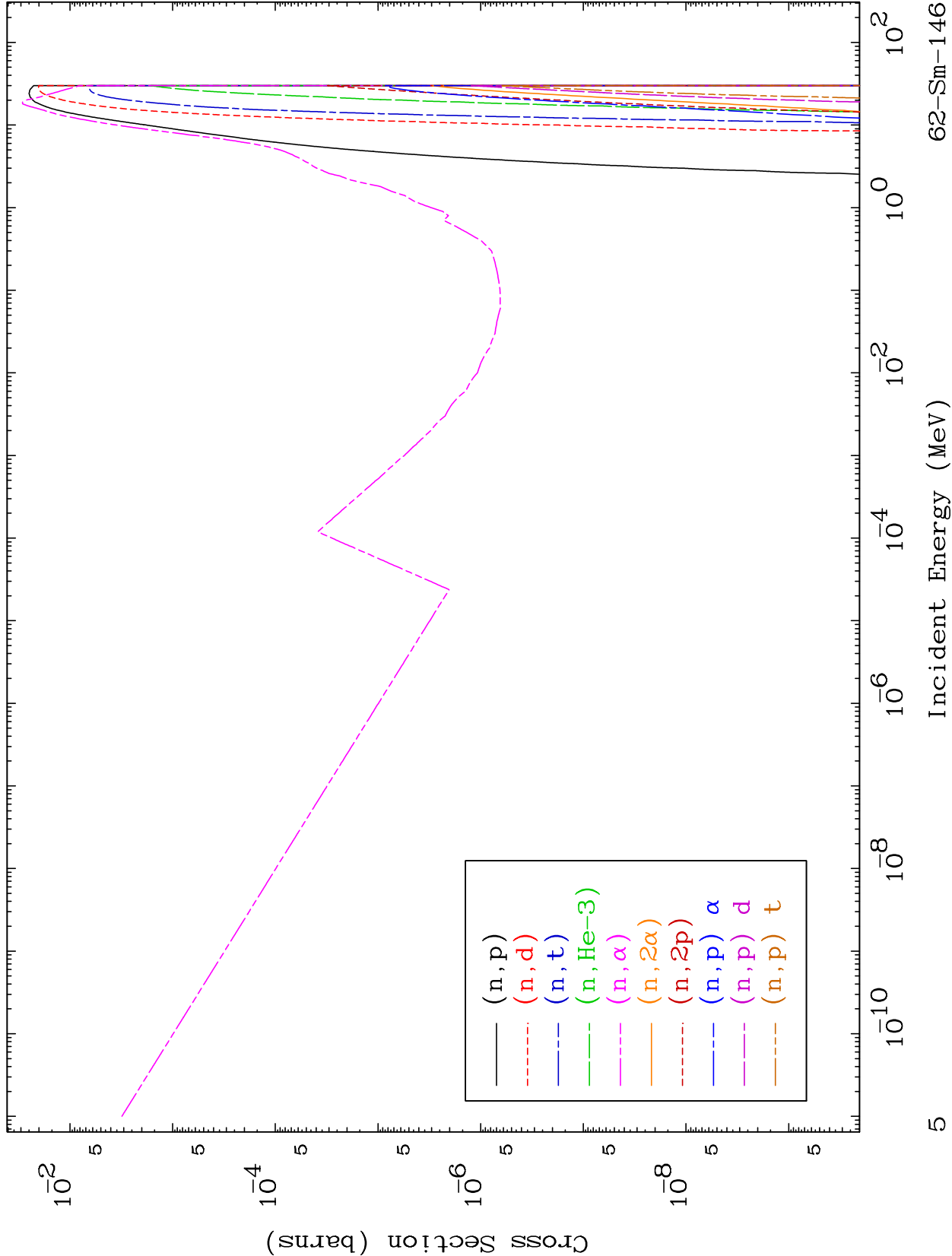
Neutron Production
293 Kelvin Cross Sections

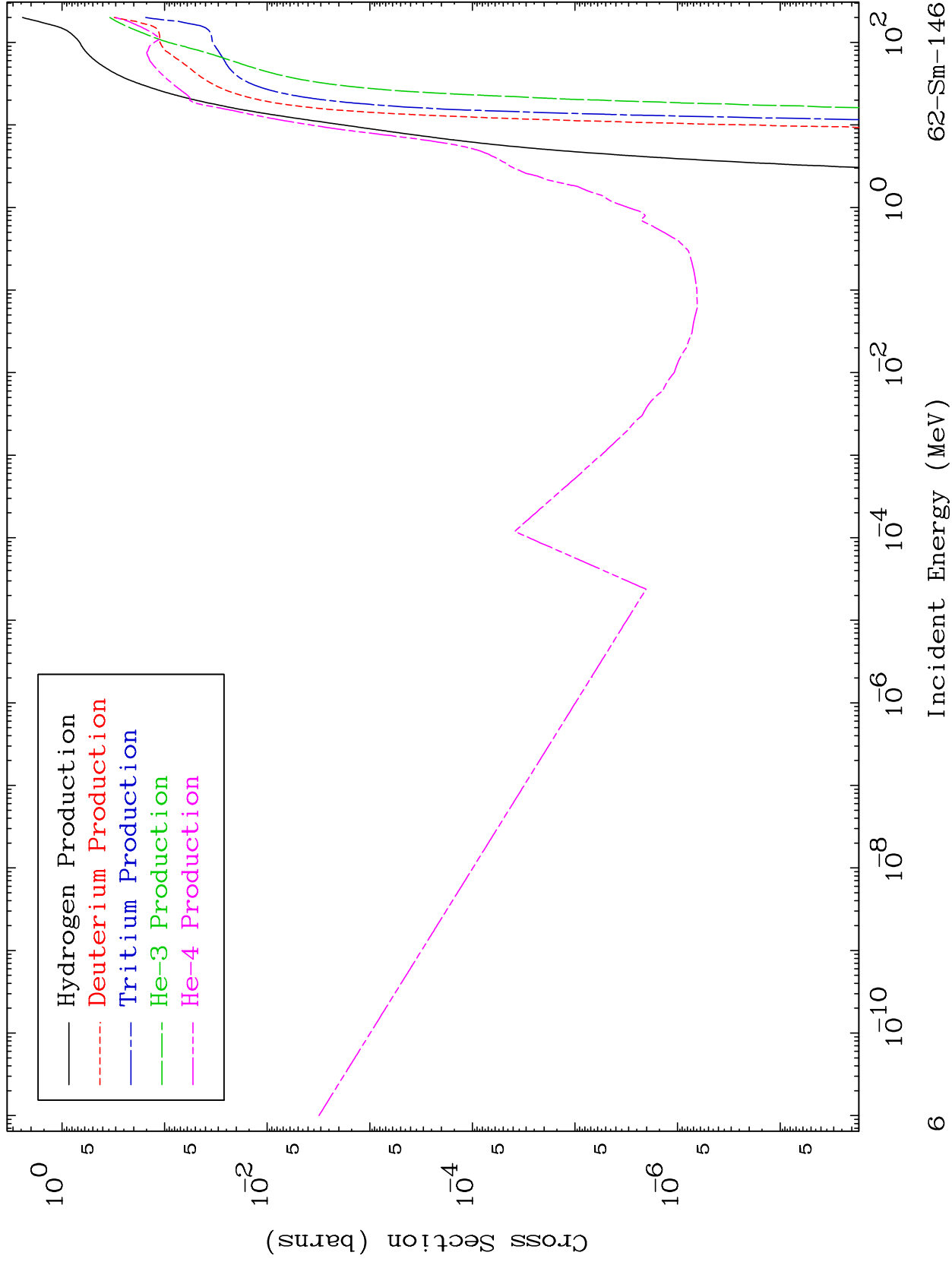
62-Sm-146









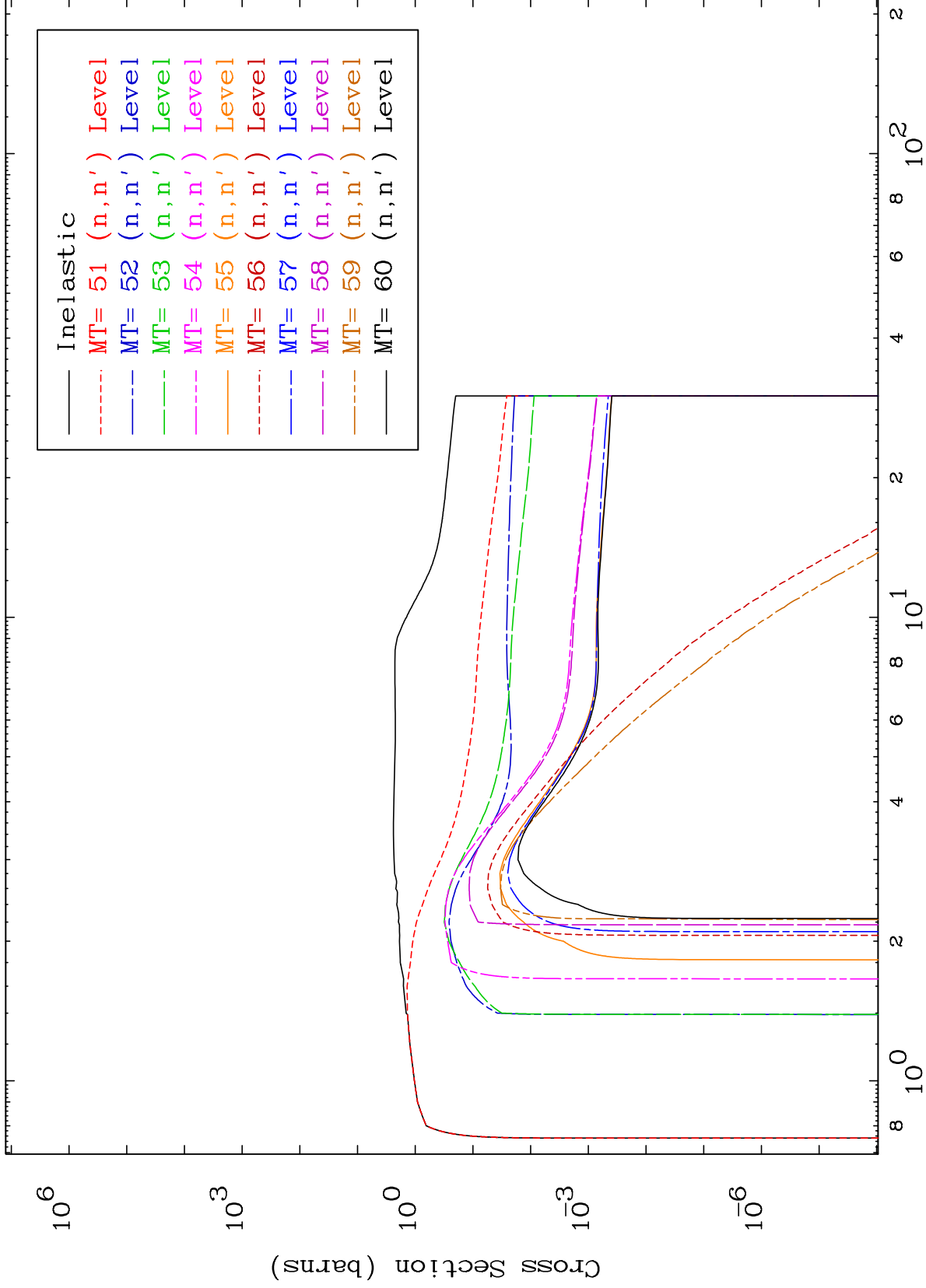


MAT 6231

(n,n') Level

62-Sm-146

293 Kelvin Cross Sections



Incident Energy (MeV)

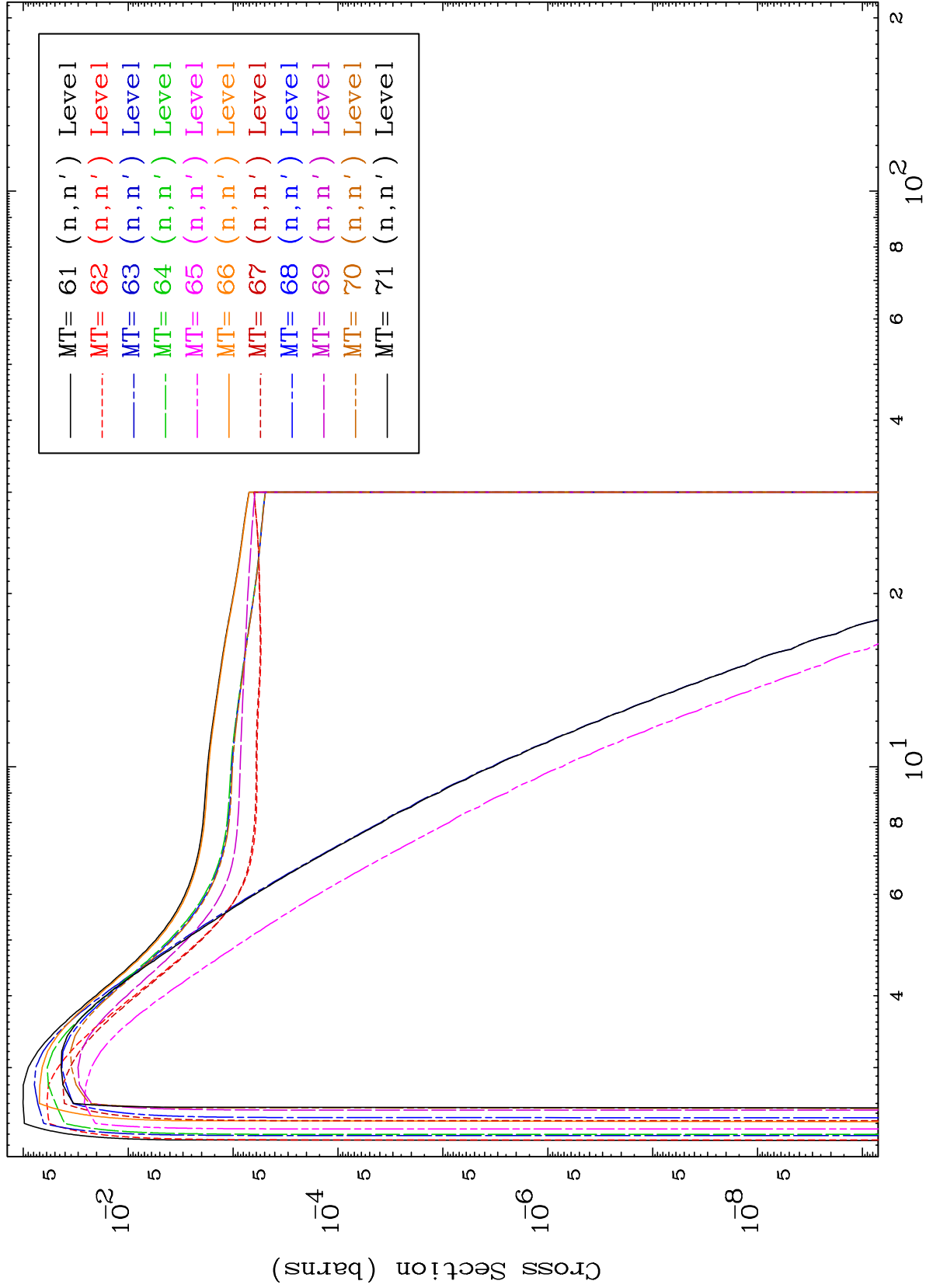
62-Sm-146

MAT 6231

(n,n') Level

62-Sm-146

293 Kelvin Cross Sections

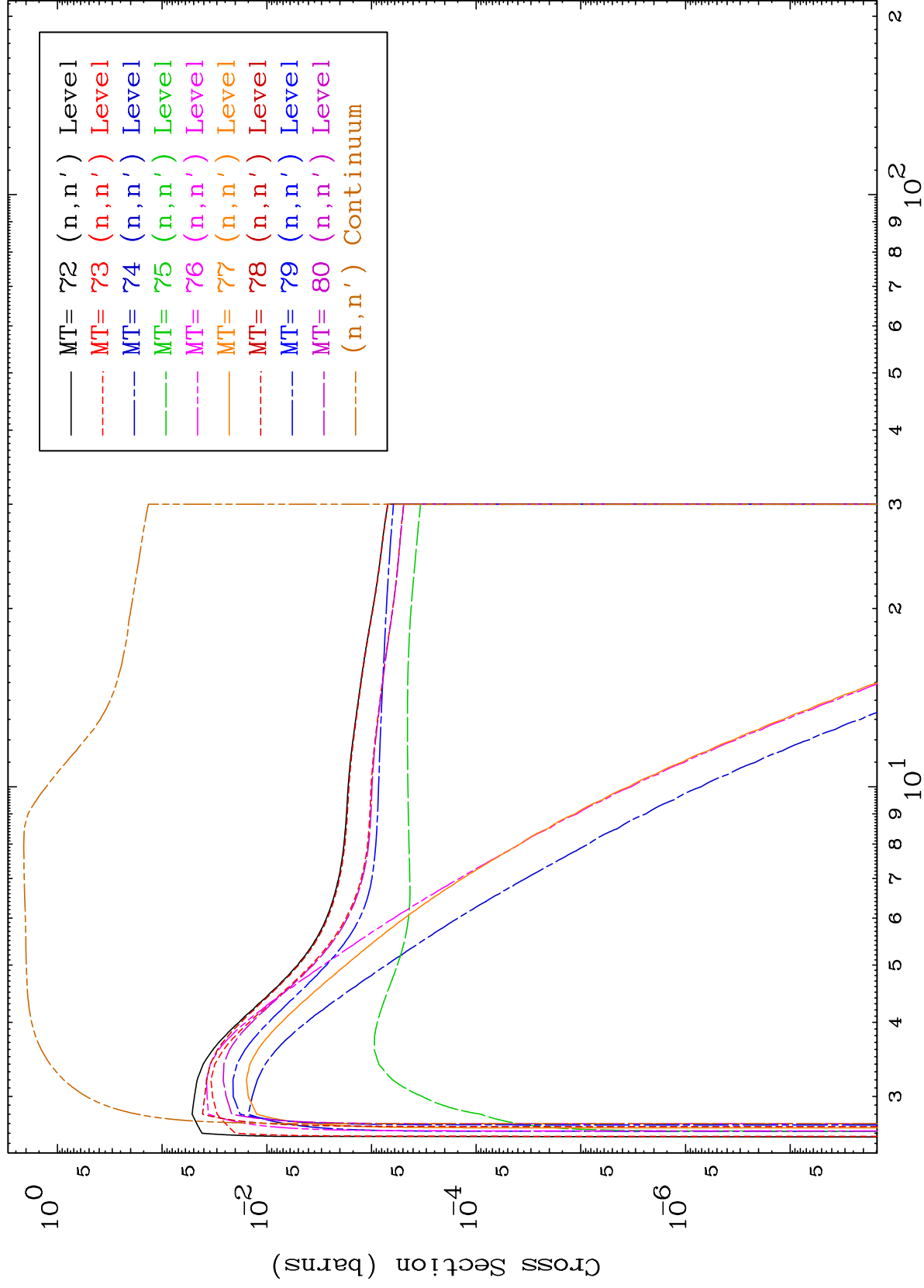


8

Incident Energy (MeV)

62-Sm-146

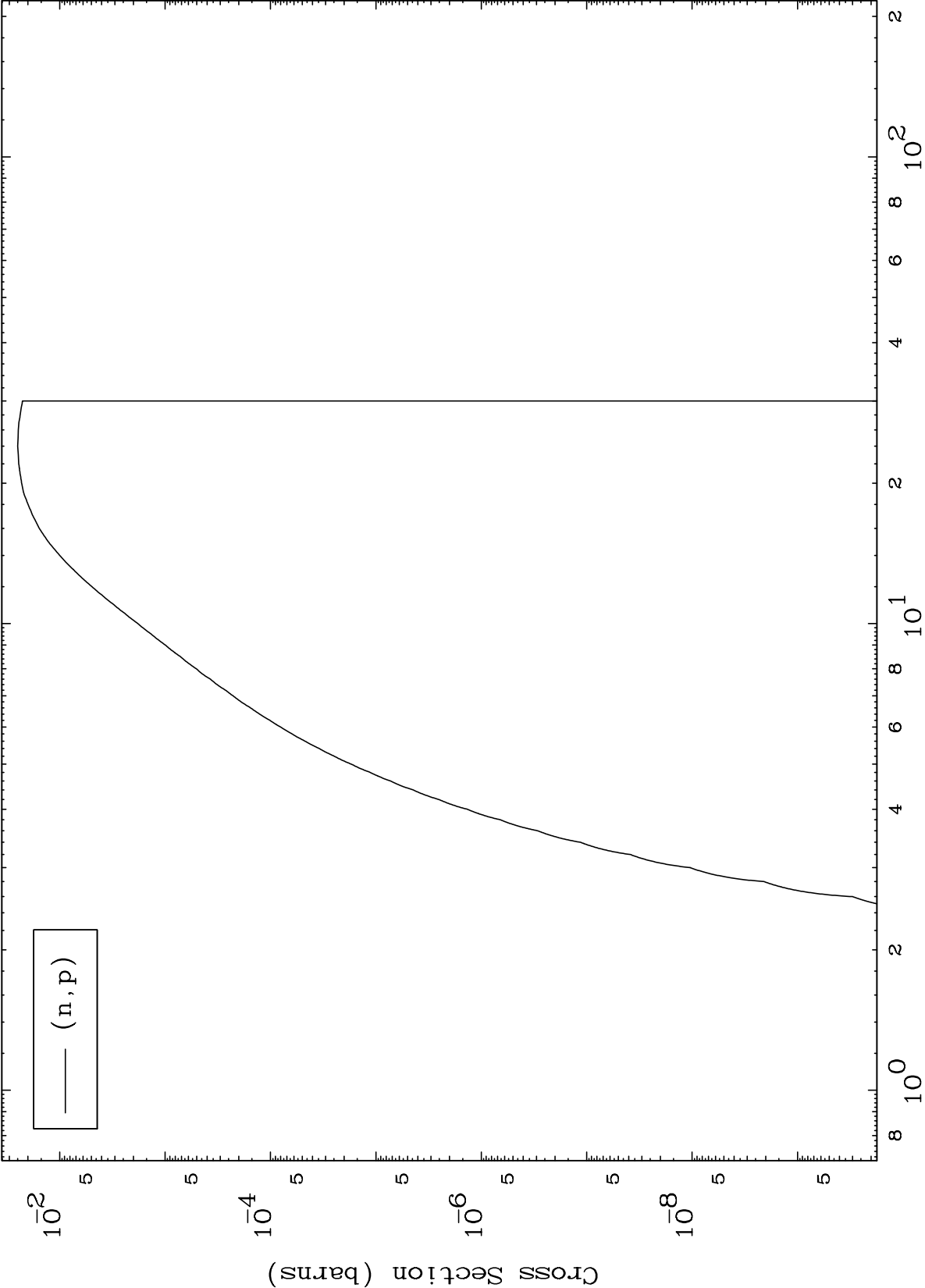
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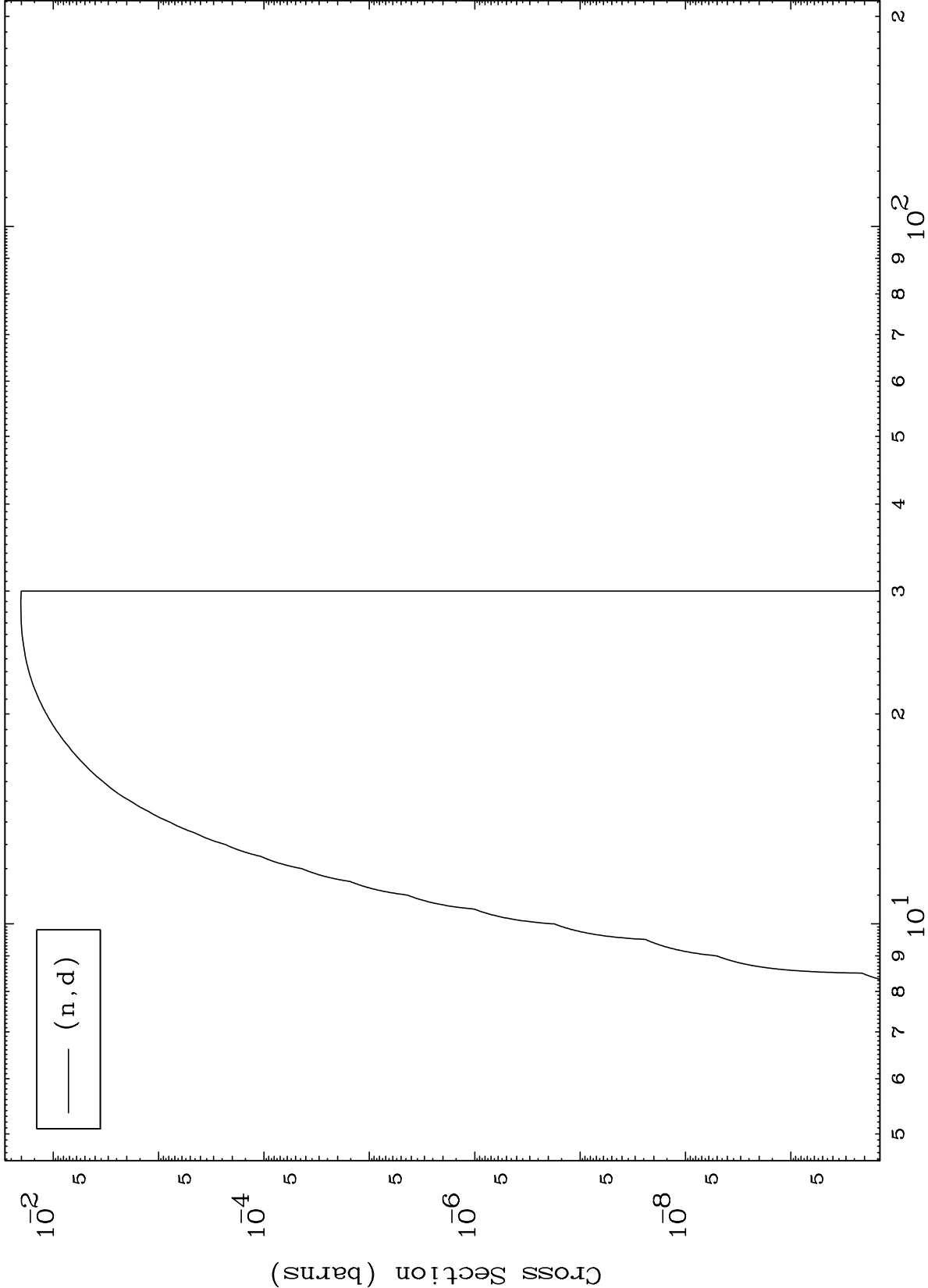


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(n,p) Levels
293 Kelvin Cross Sections

62-Sm-146

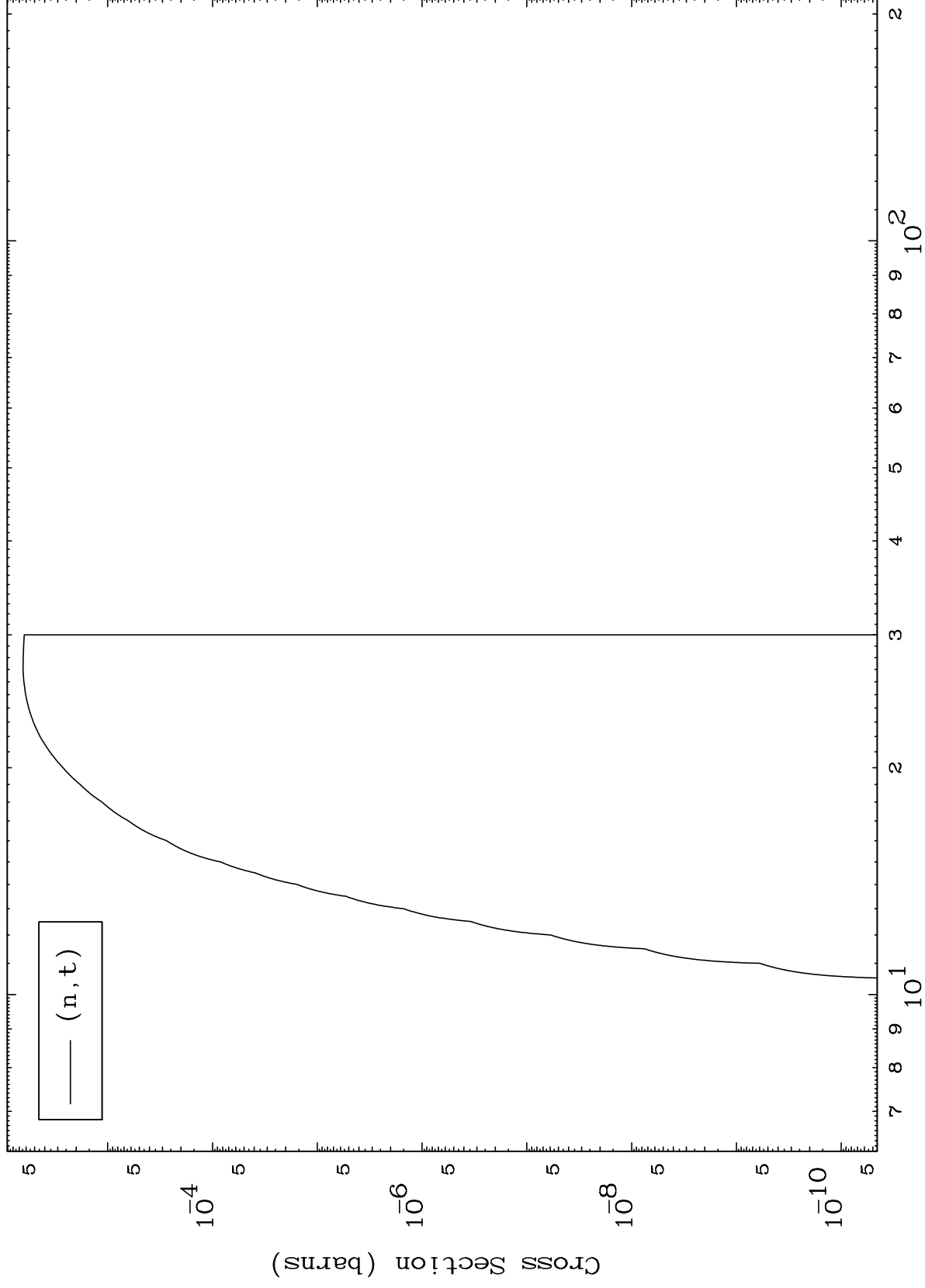




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62-Sm-146

(n,t) Levels
293 Kelvin Cross Sections



62-Sm-146

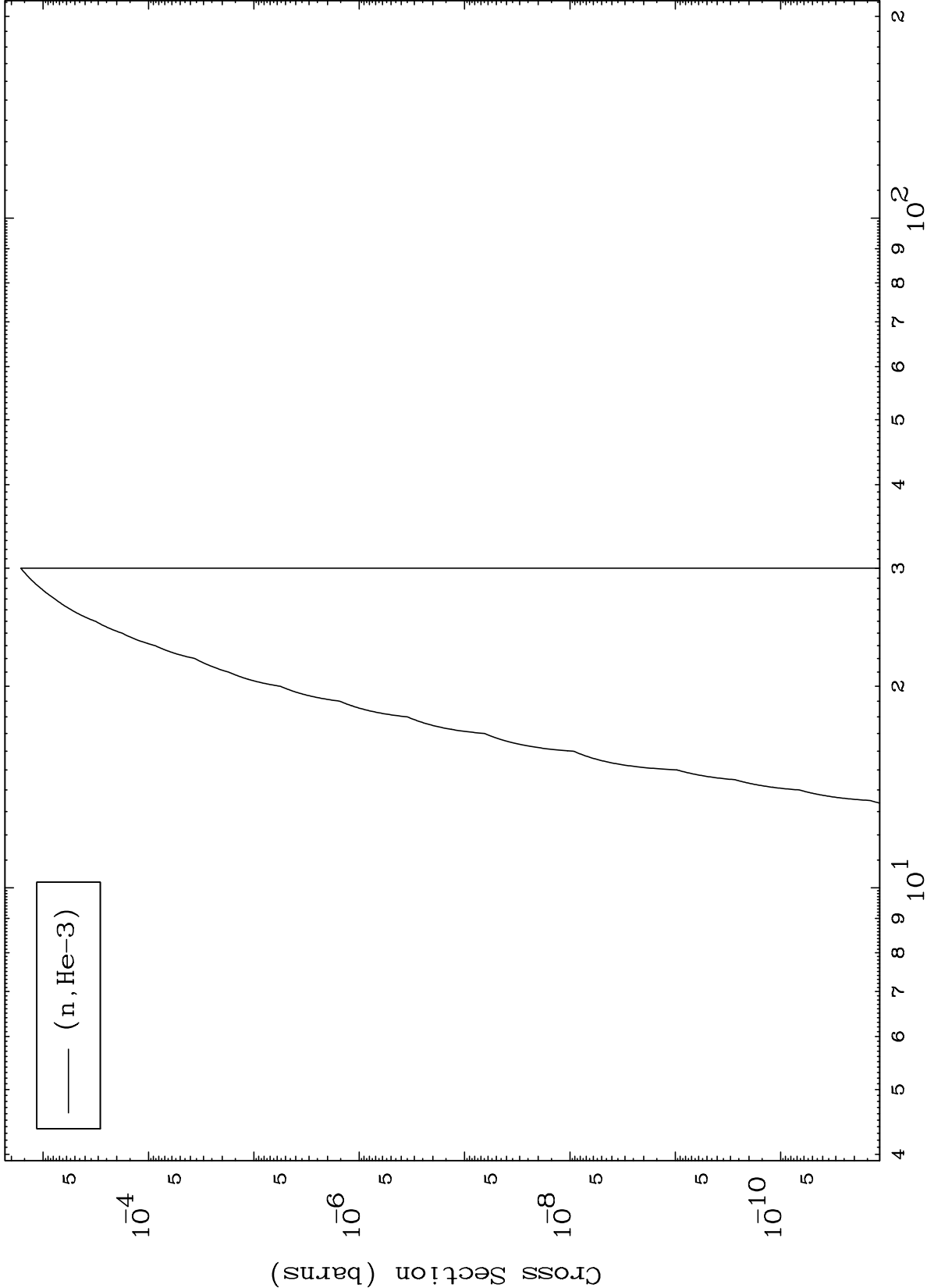
Incident Energy (MeV)

12

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(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-146



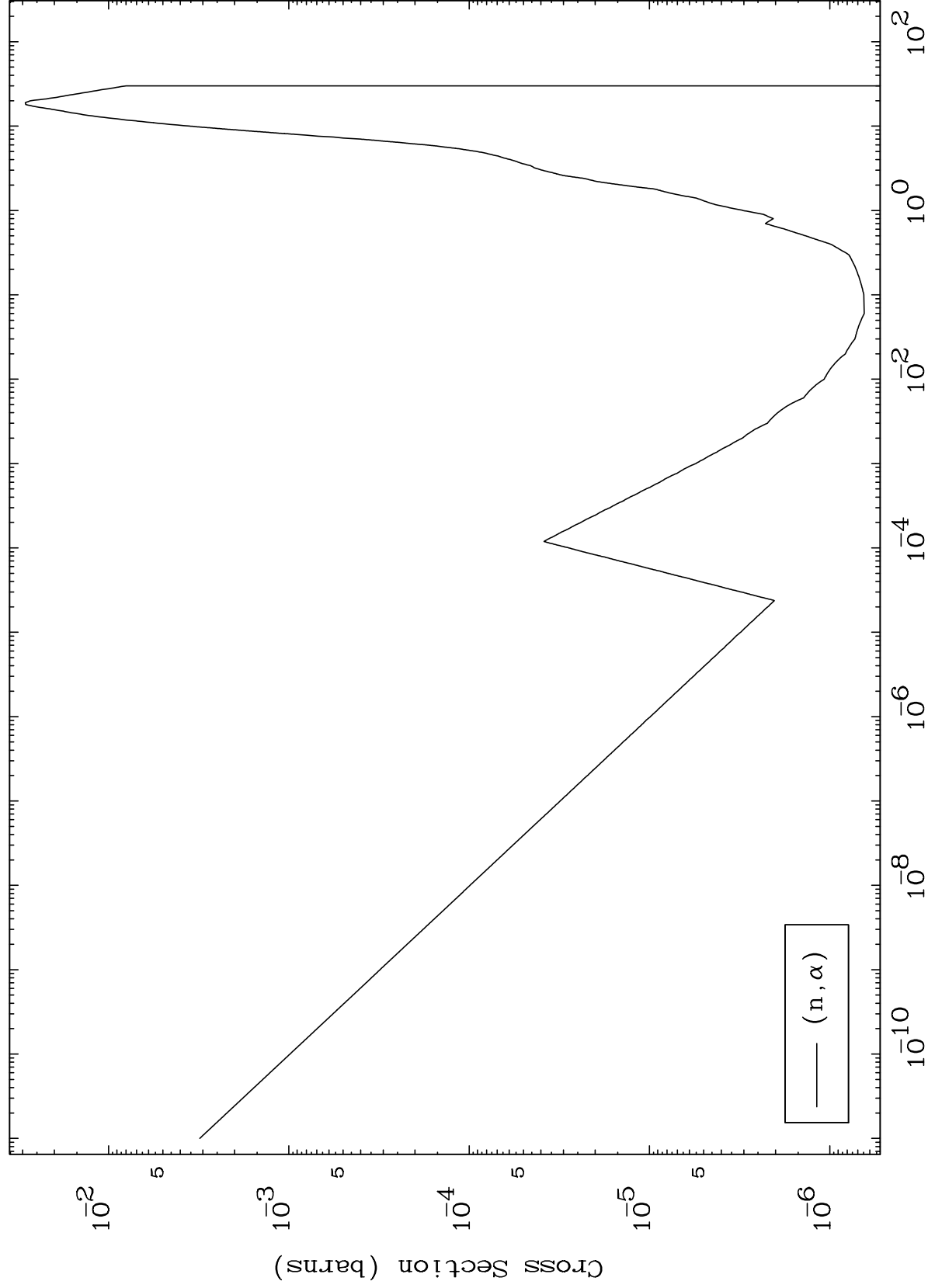
Incident Energy (MeV)

62-Sm-146

MAT 6231

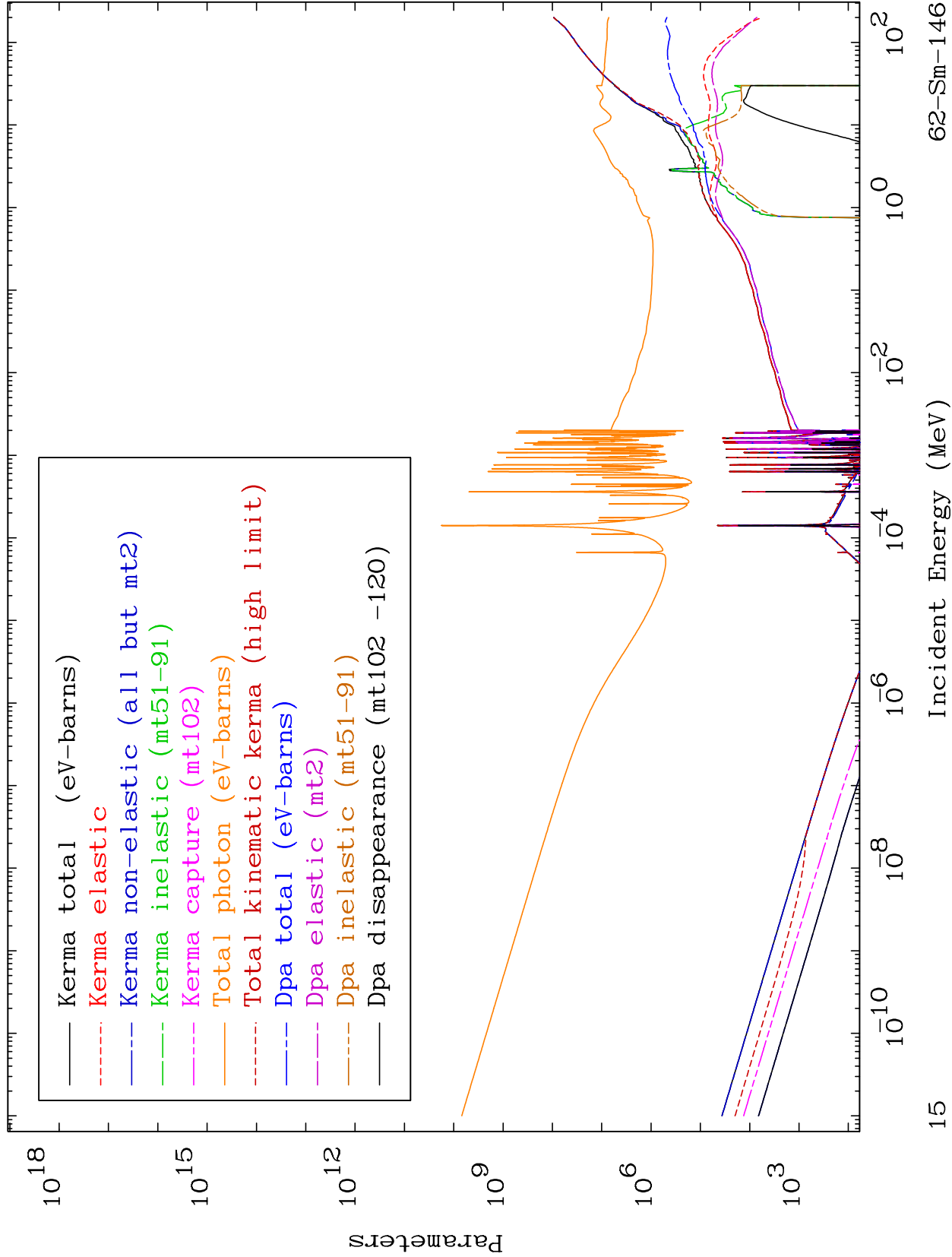
(n, α) Levels
293 Kelvin Cross Sections

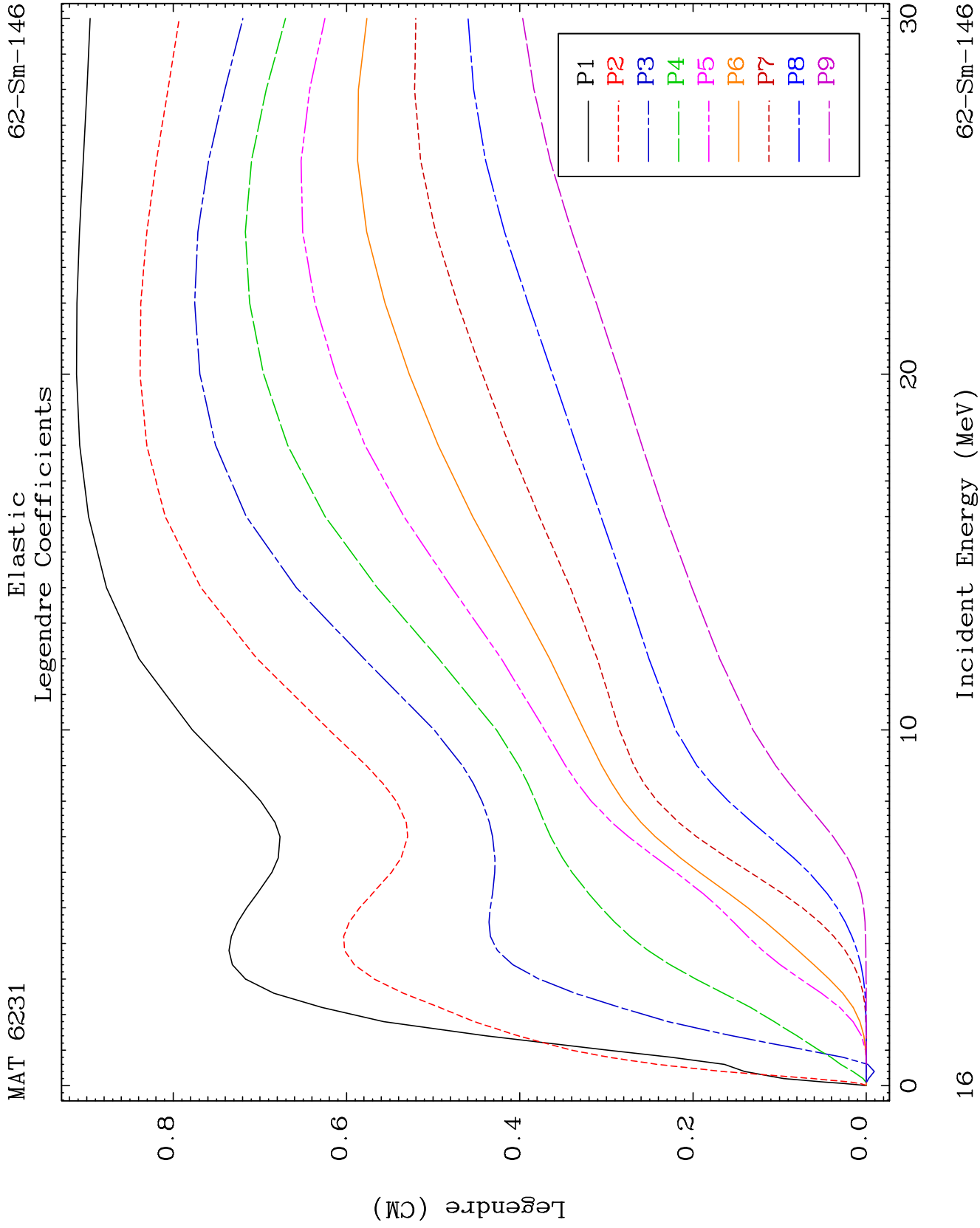
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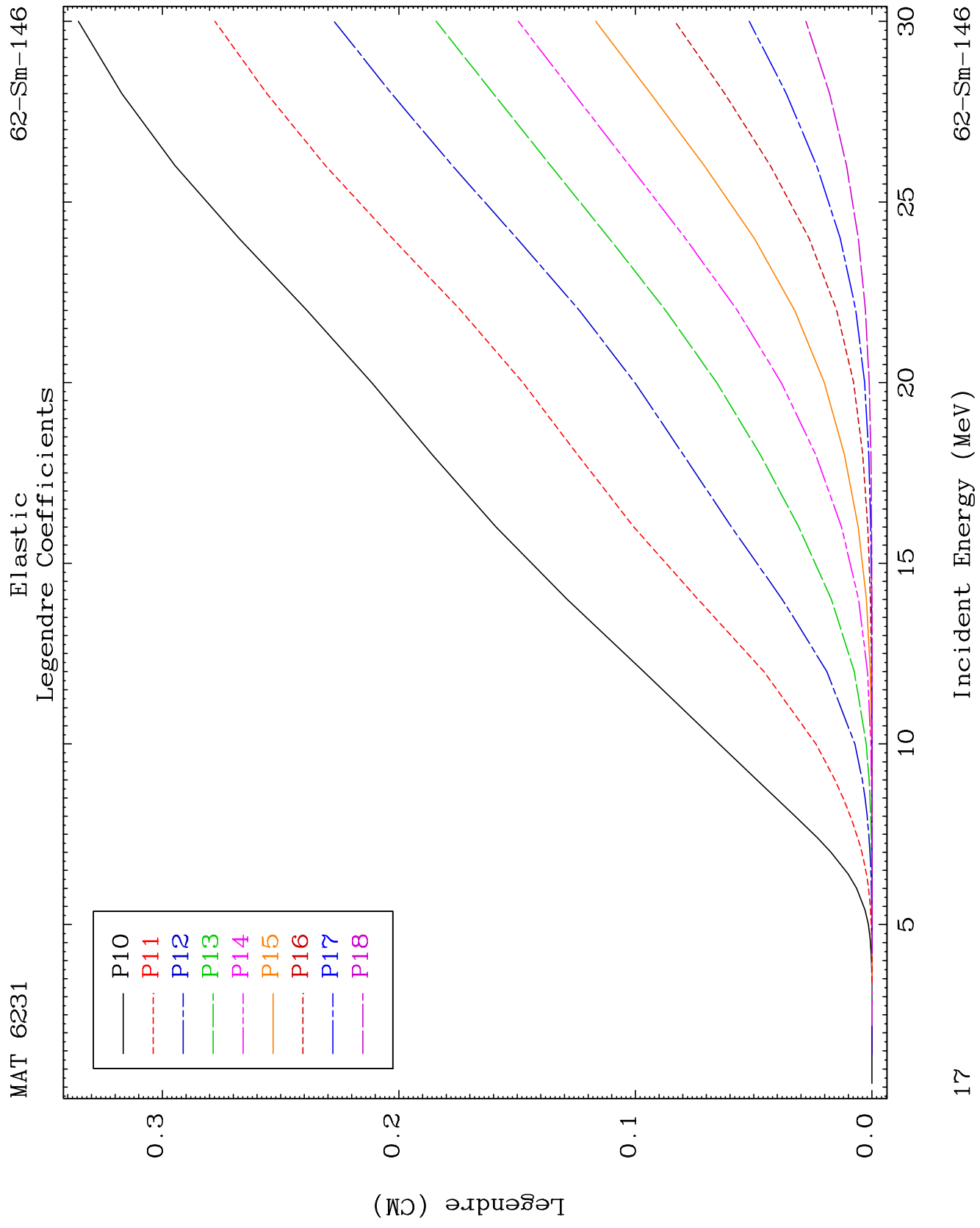


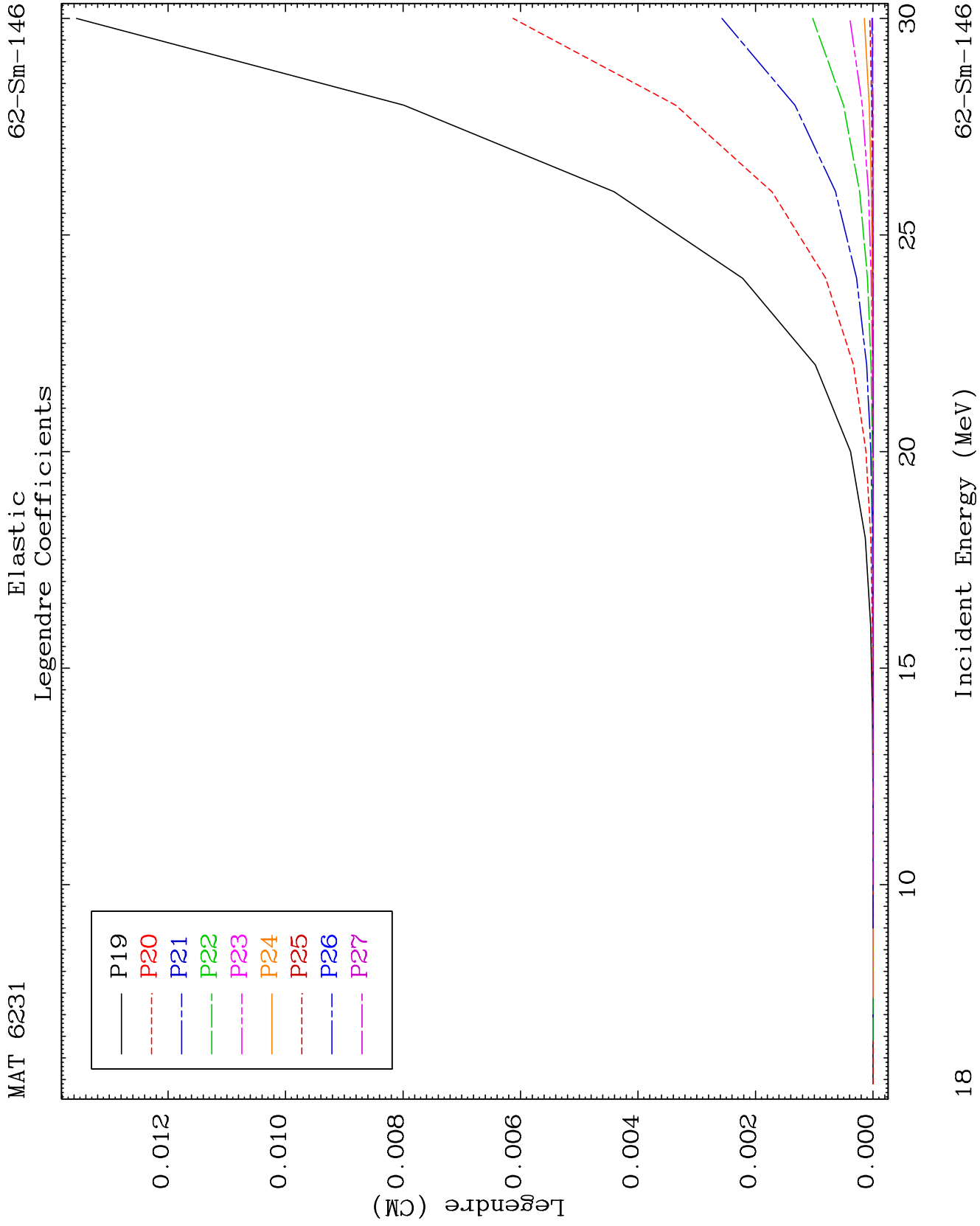
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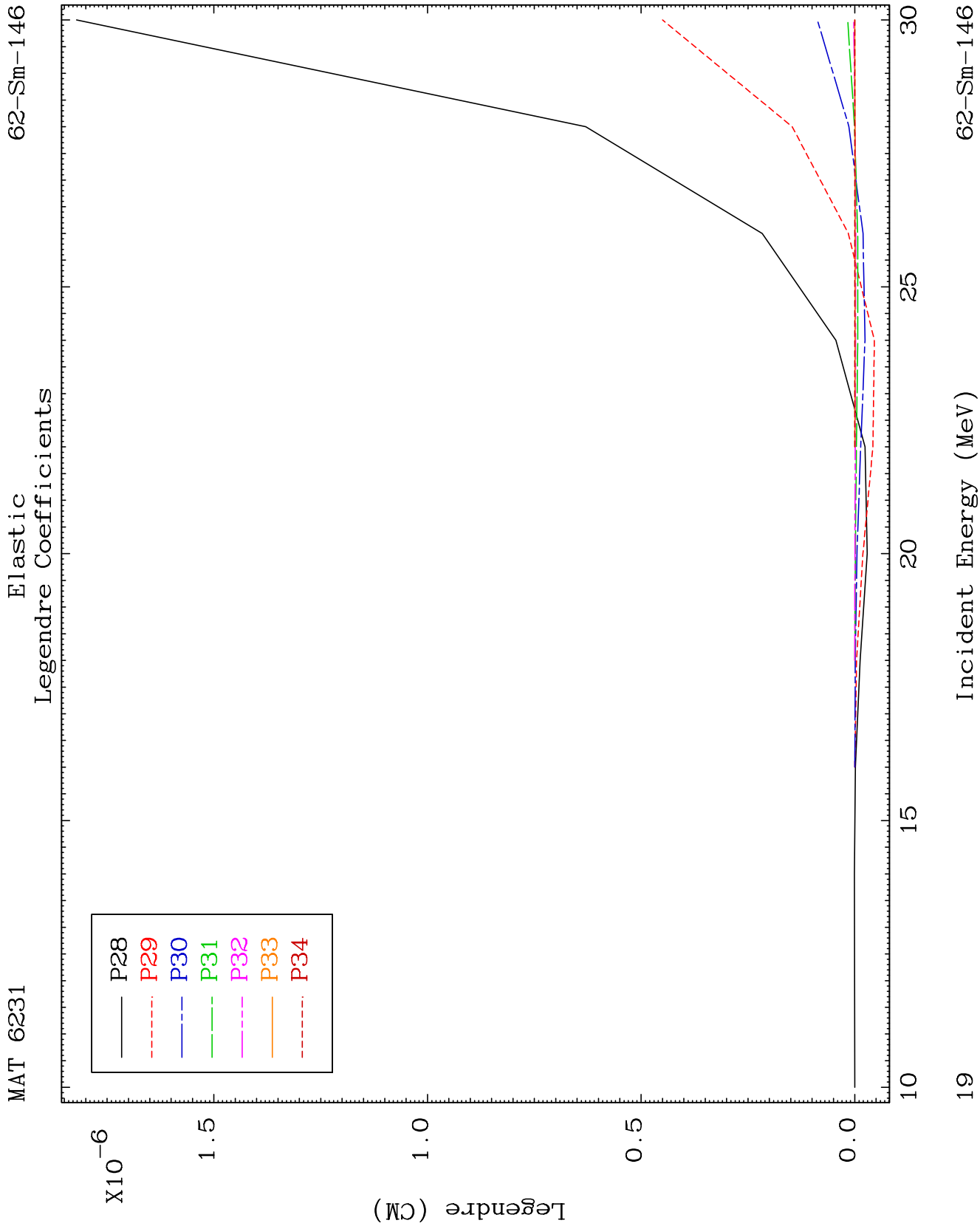
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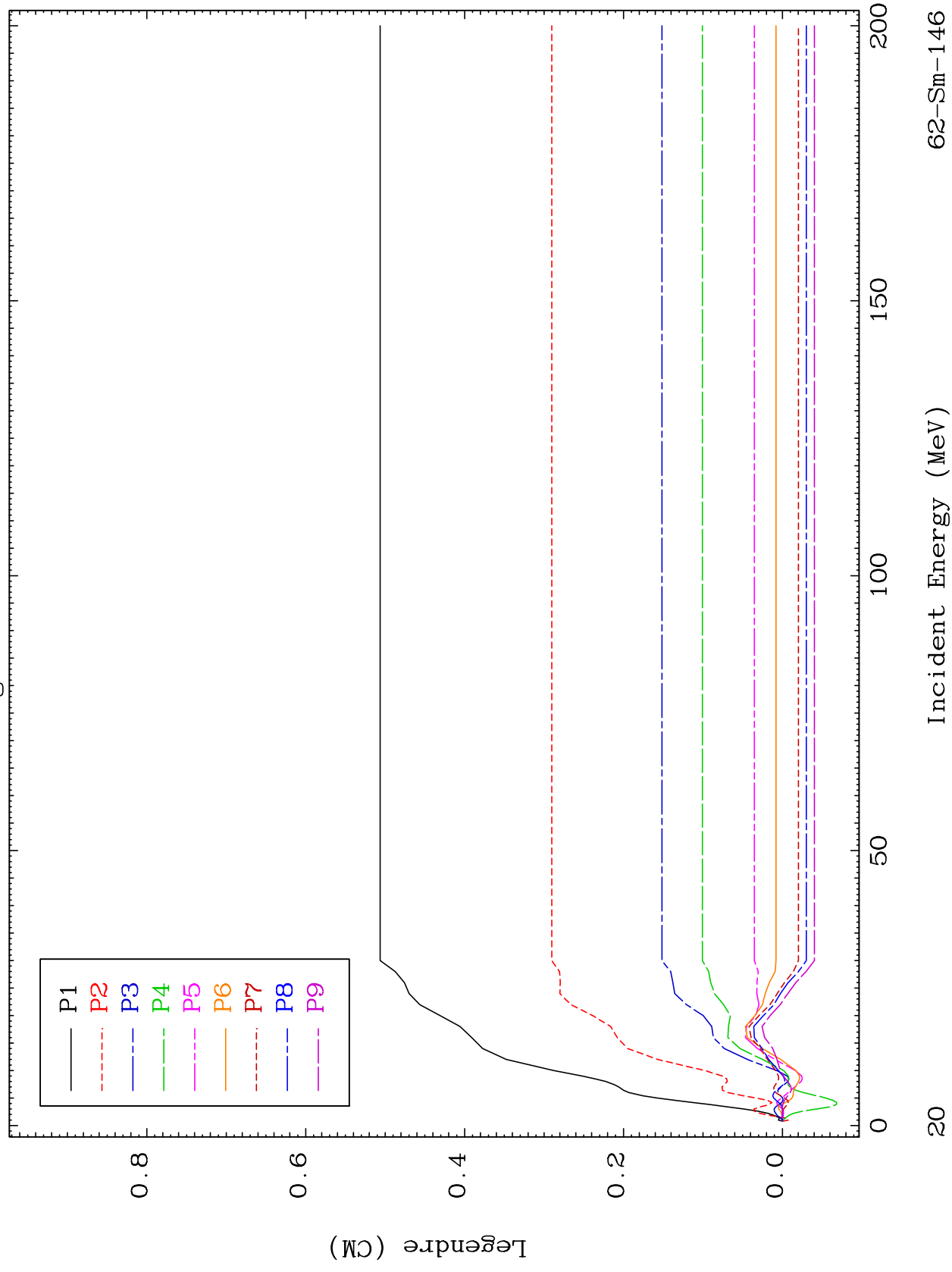




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MT= 51 (n, n') Level
Legendre Coefficients

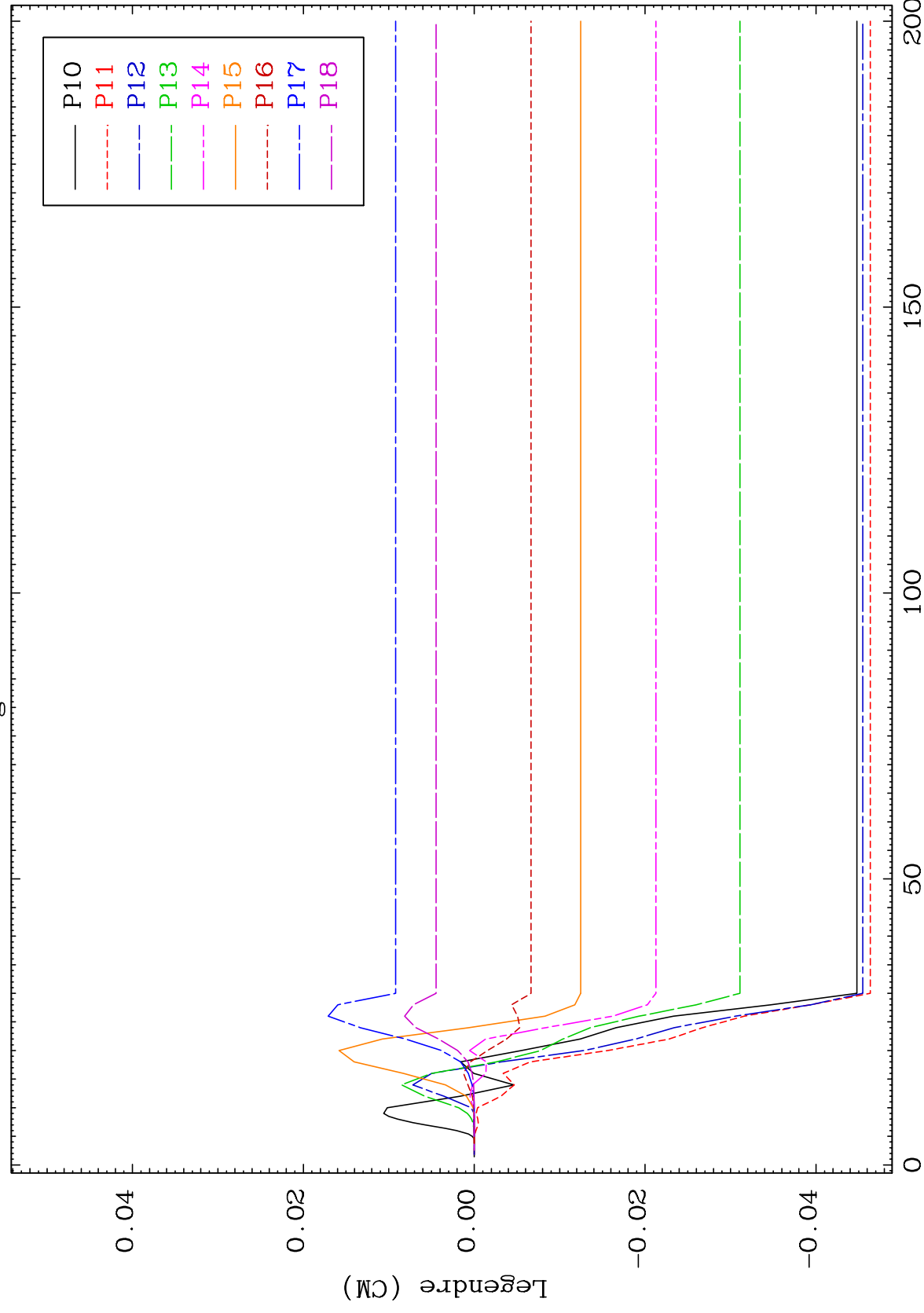
62-Sm-146



MAT 6231

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

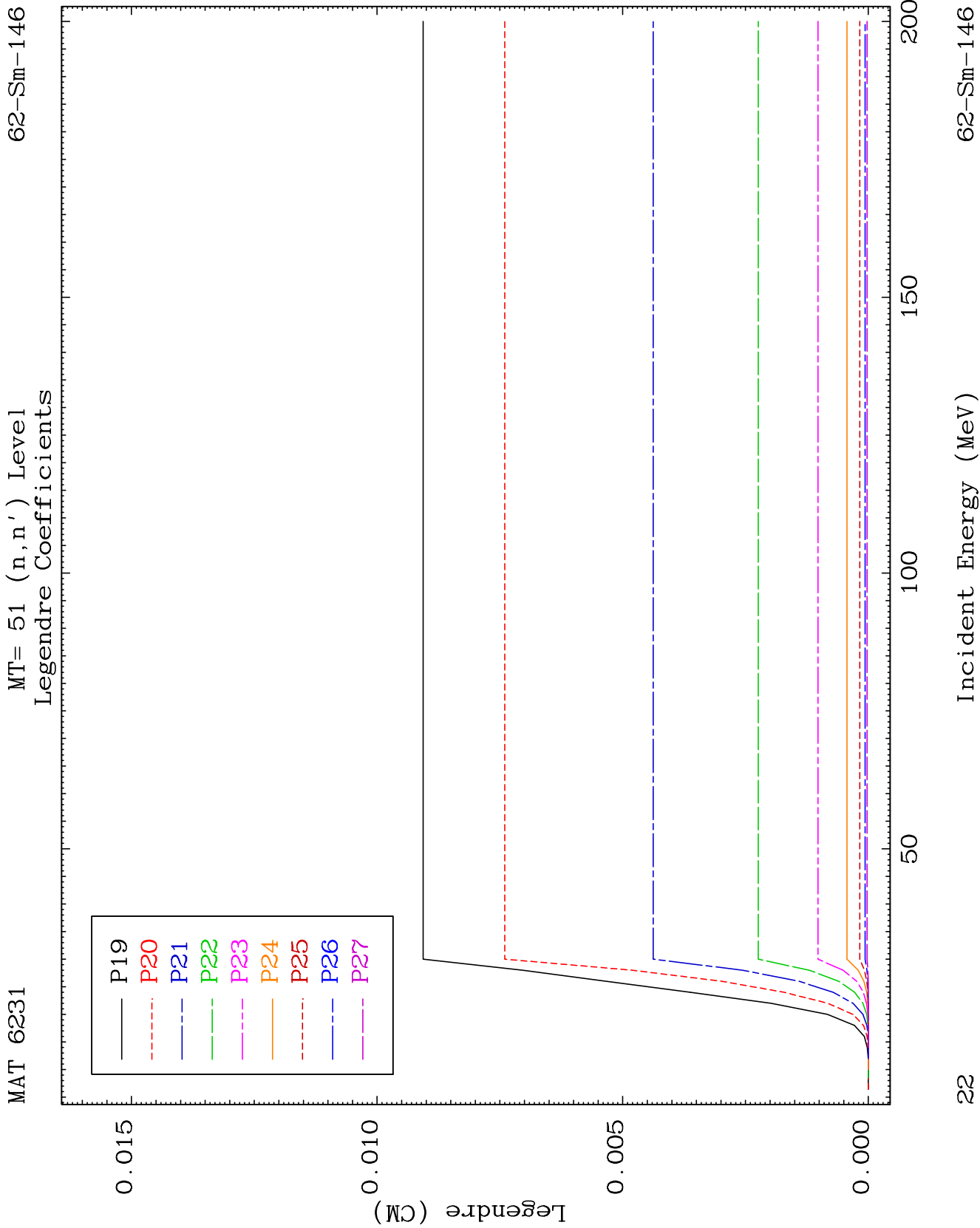
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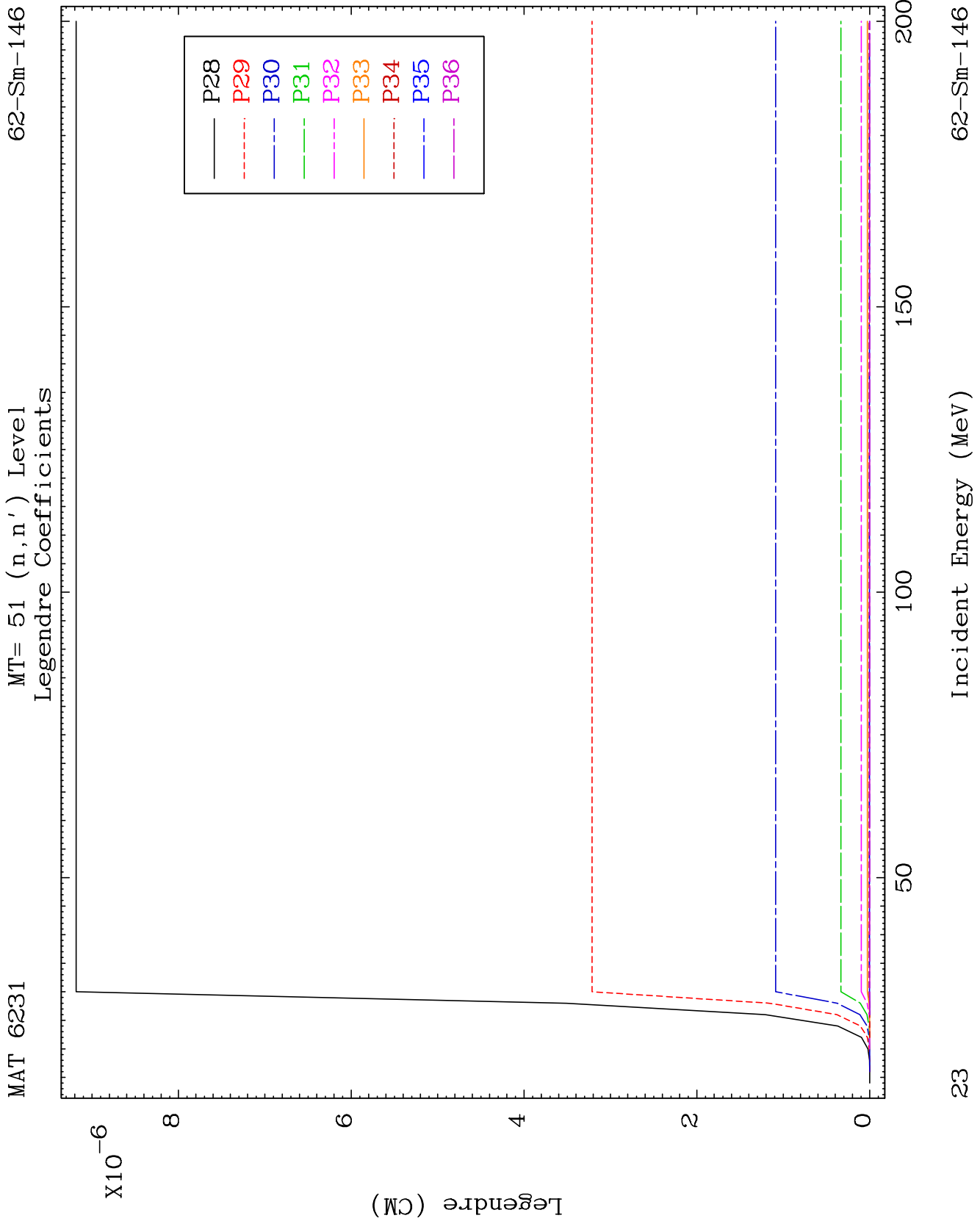


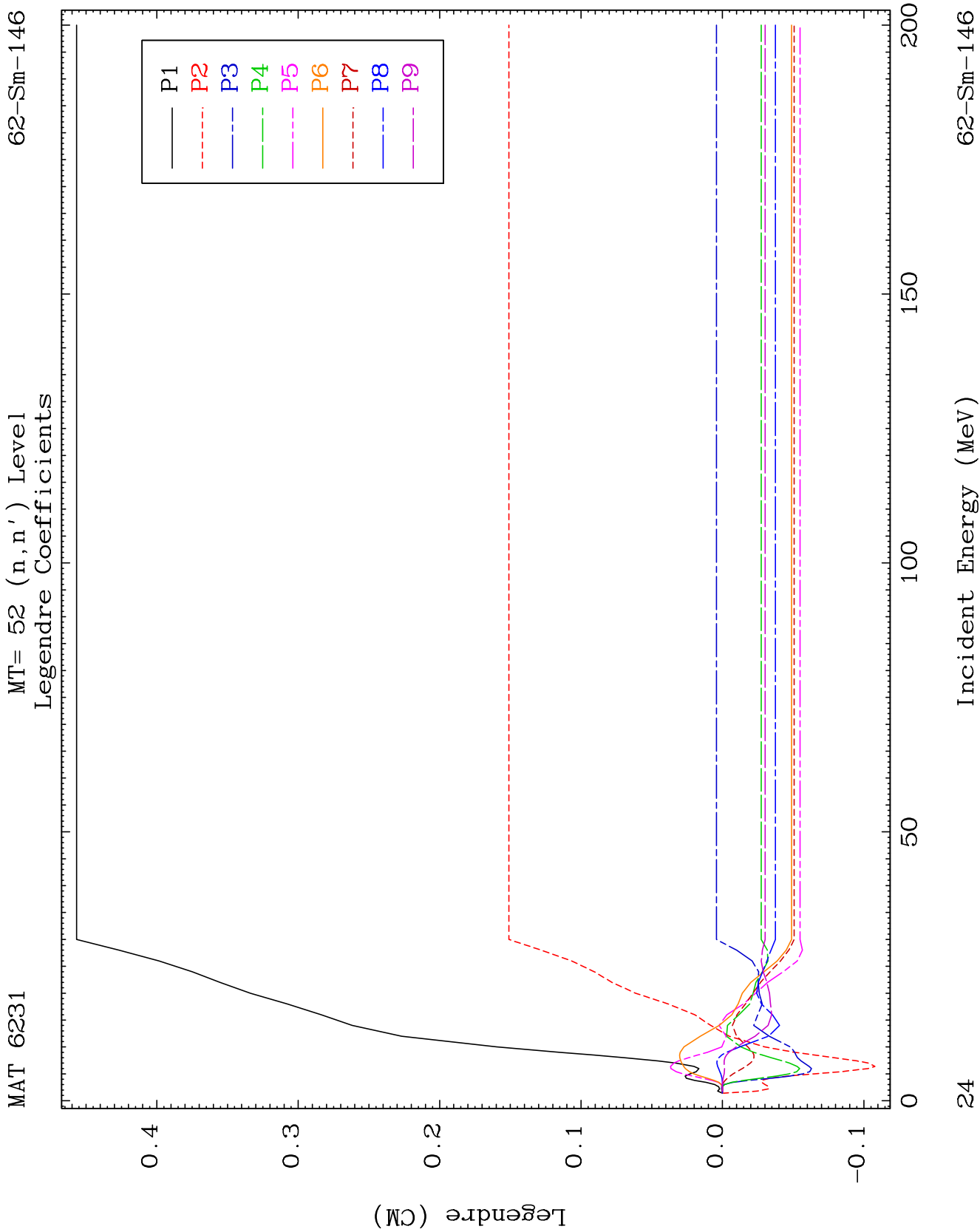
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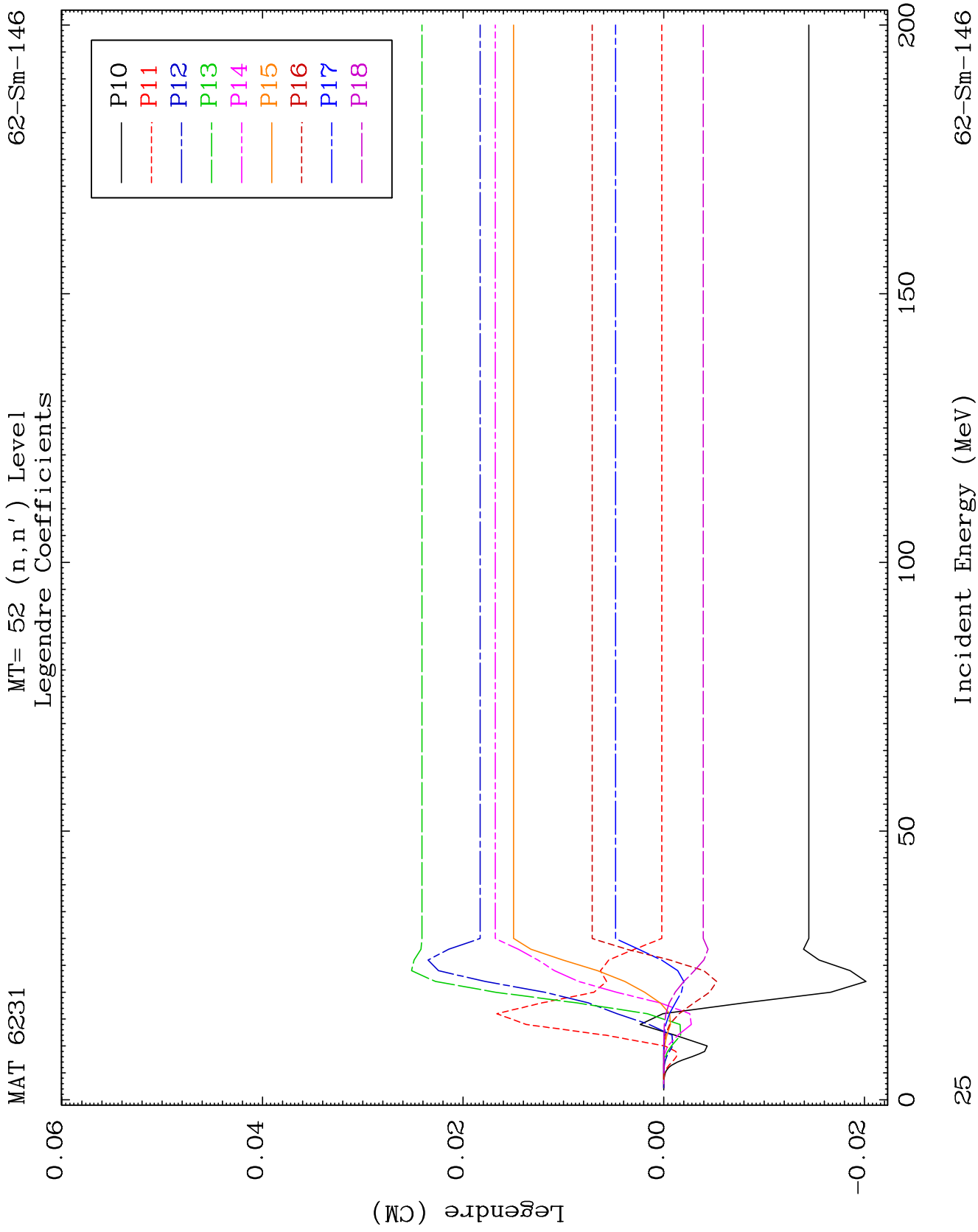
Incident Energy (MeV)

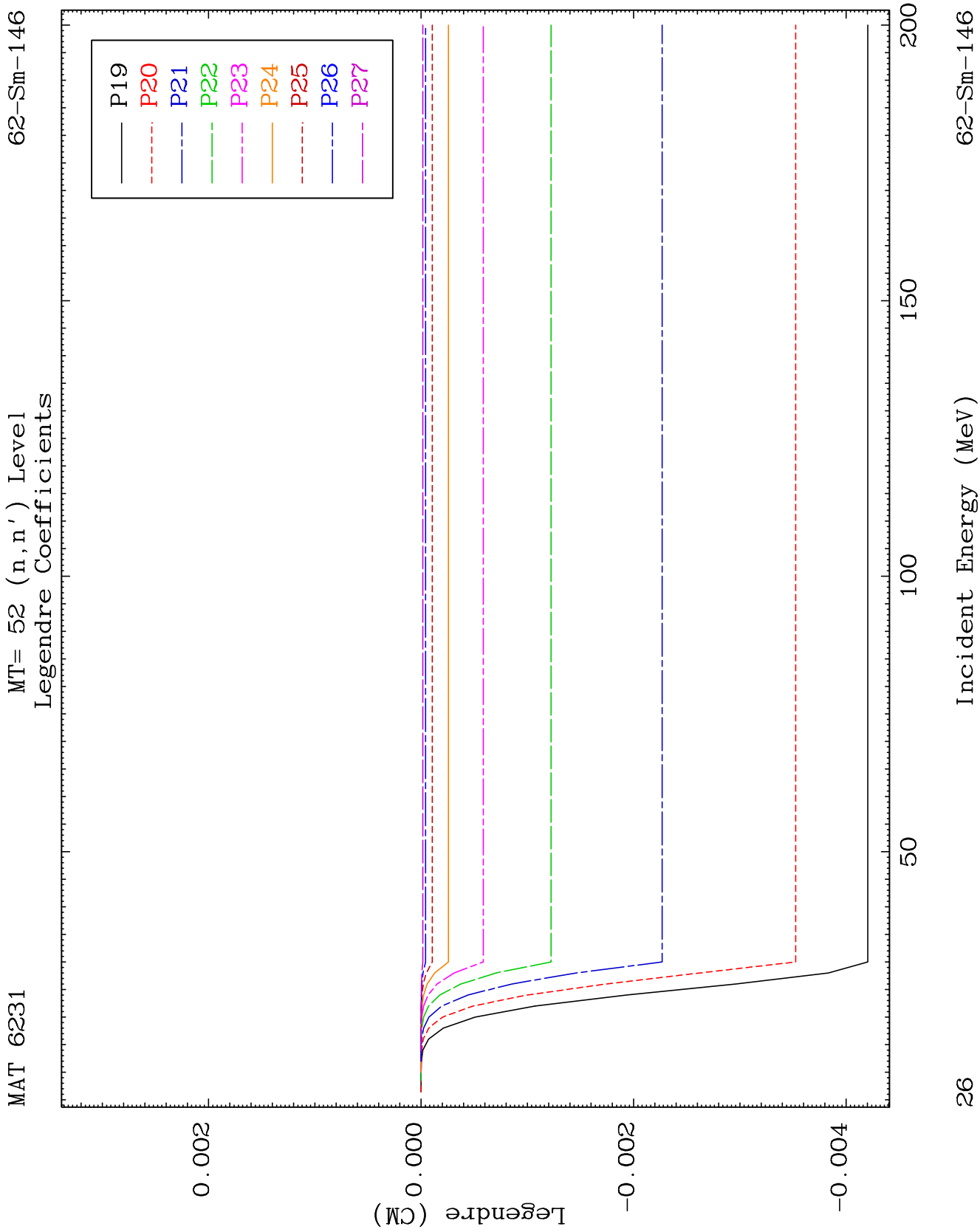
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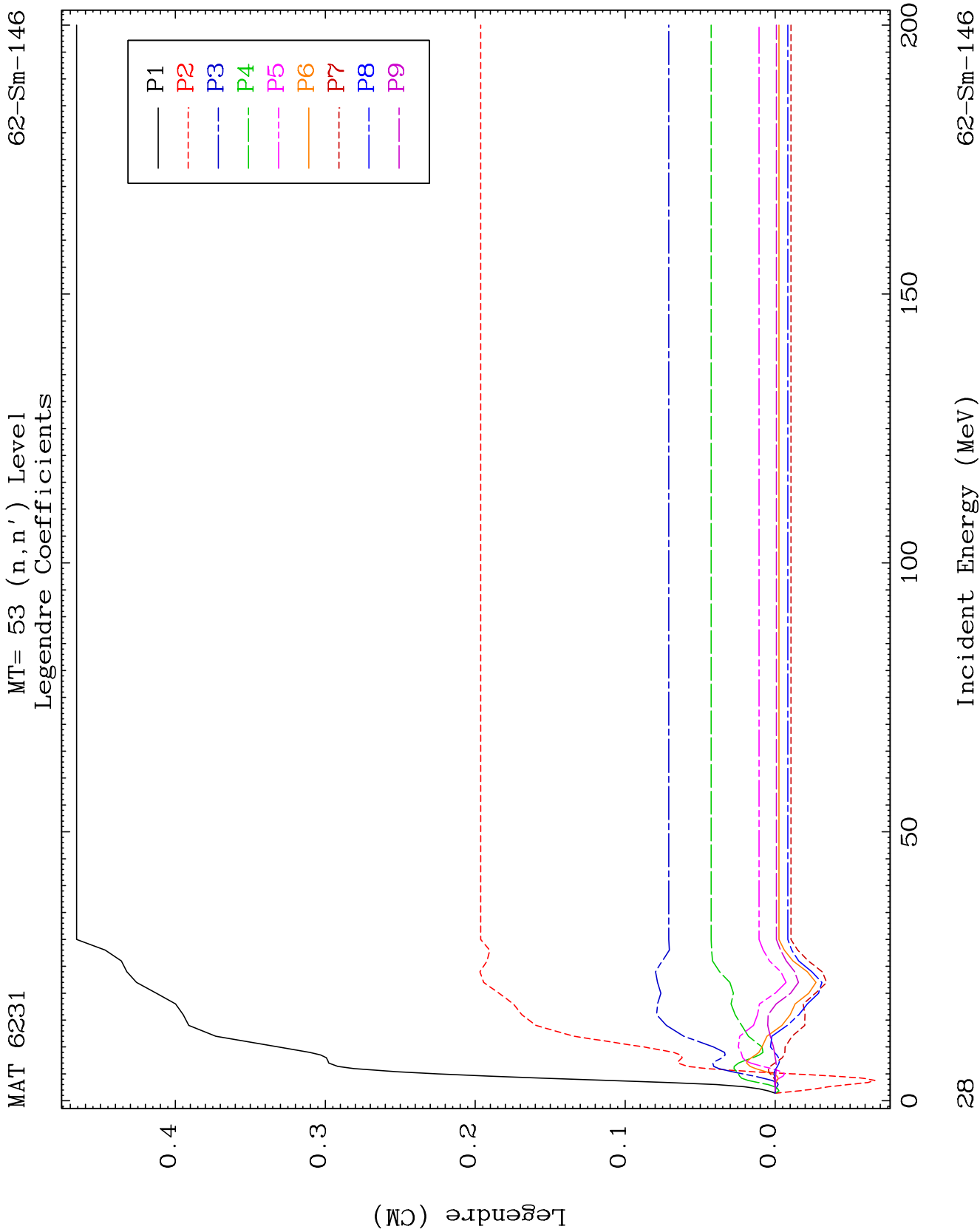


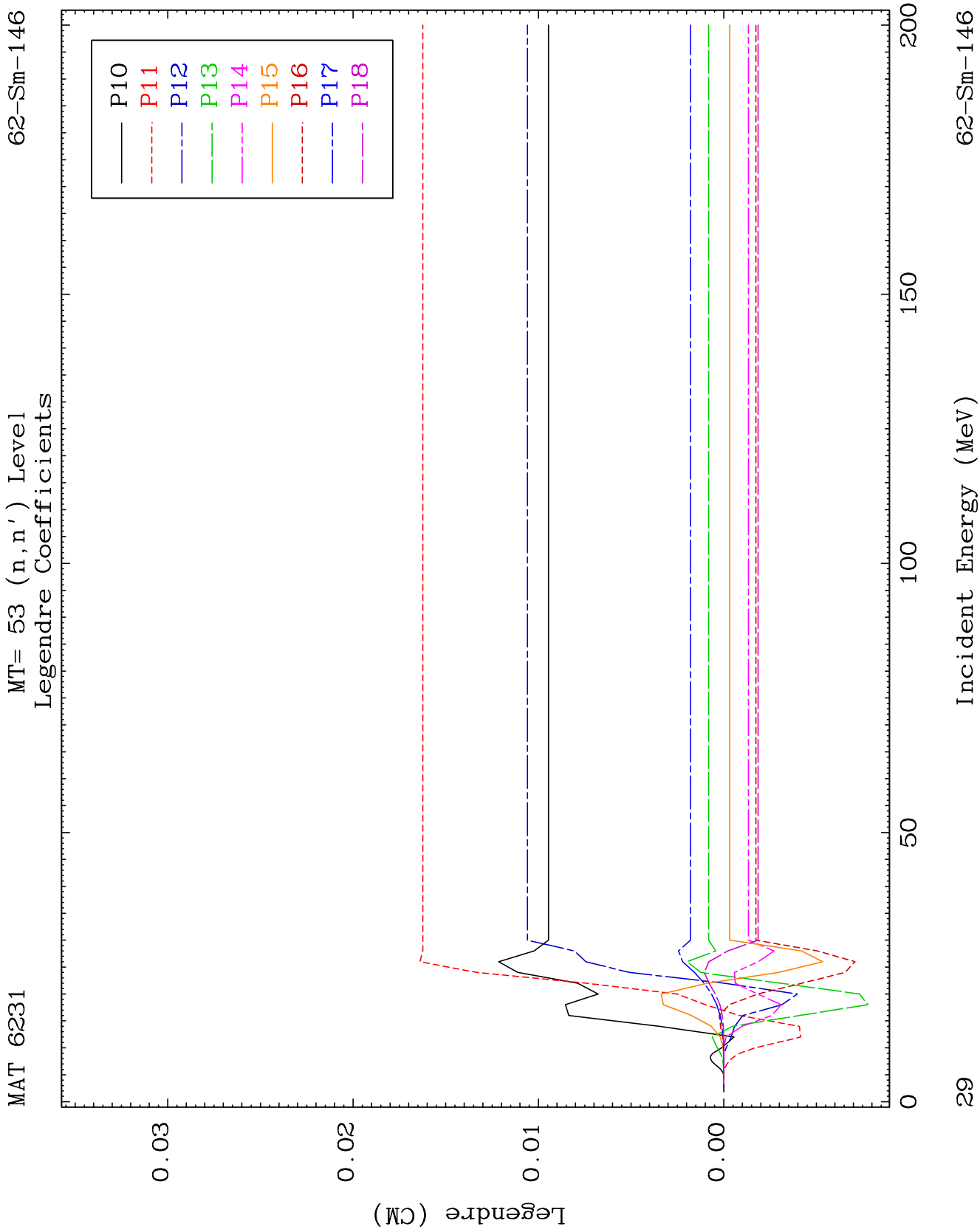


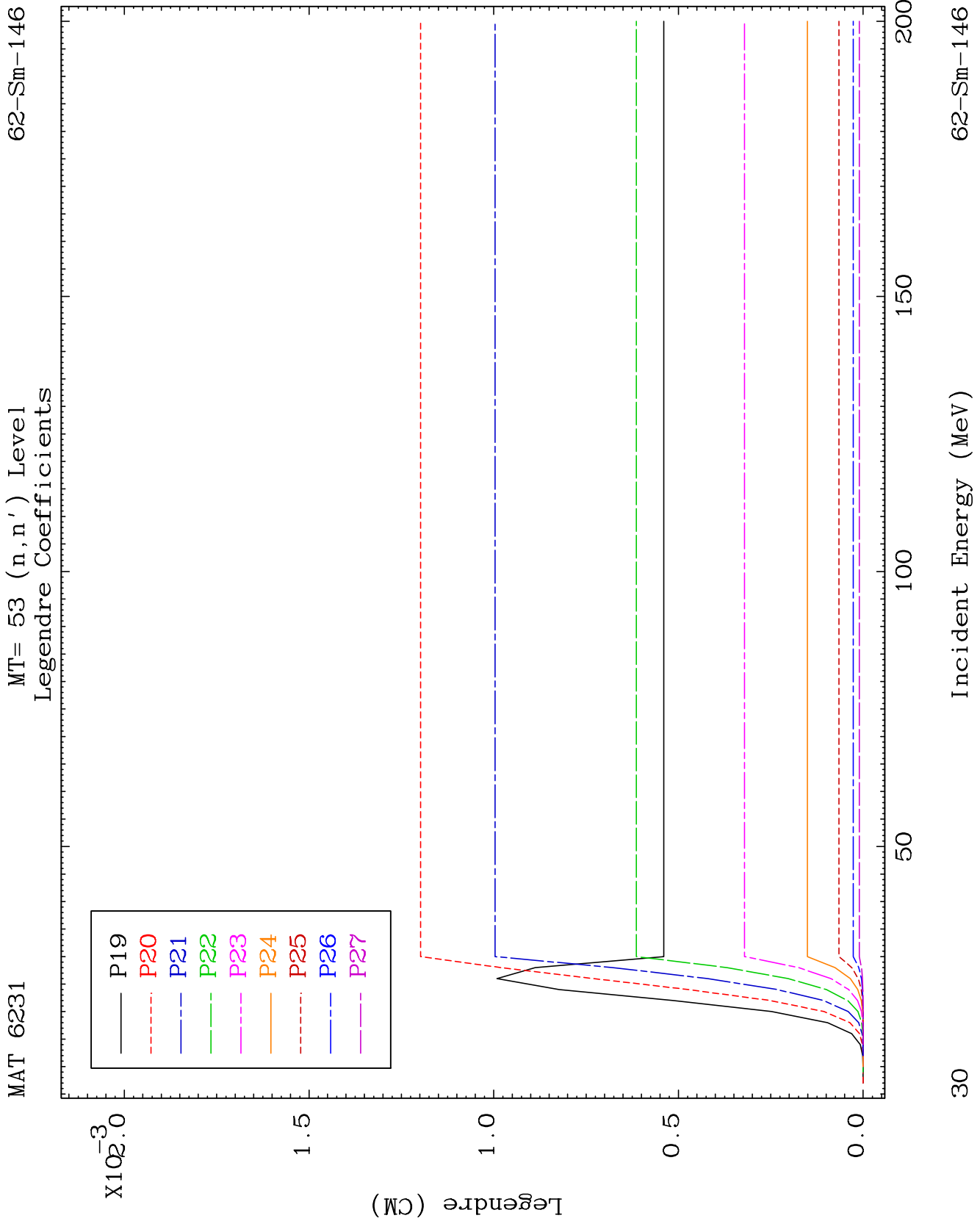


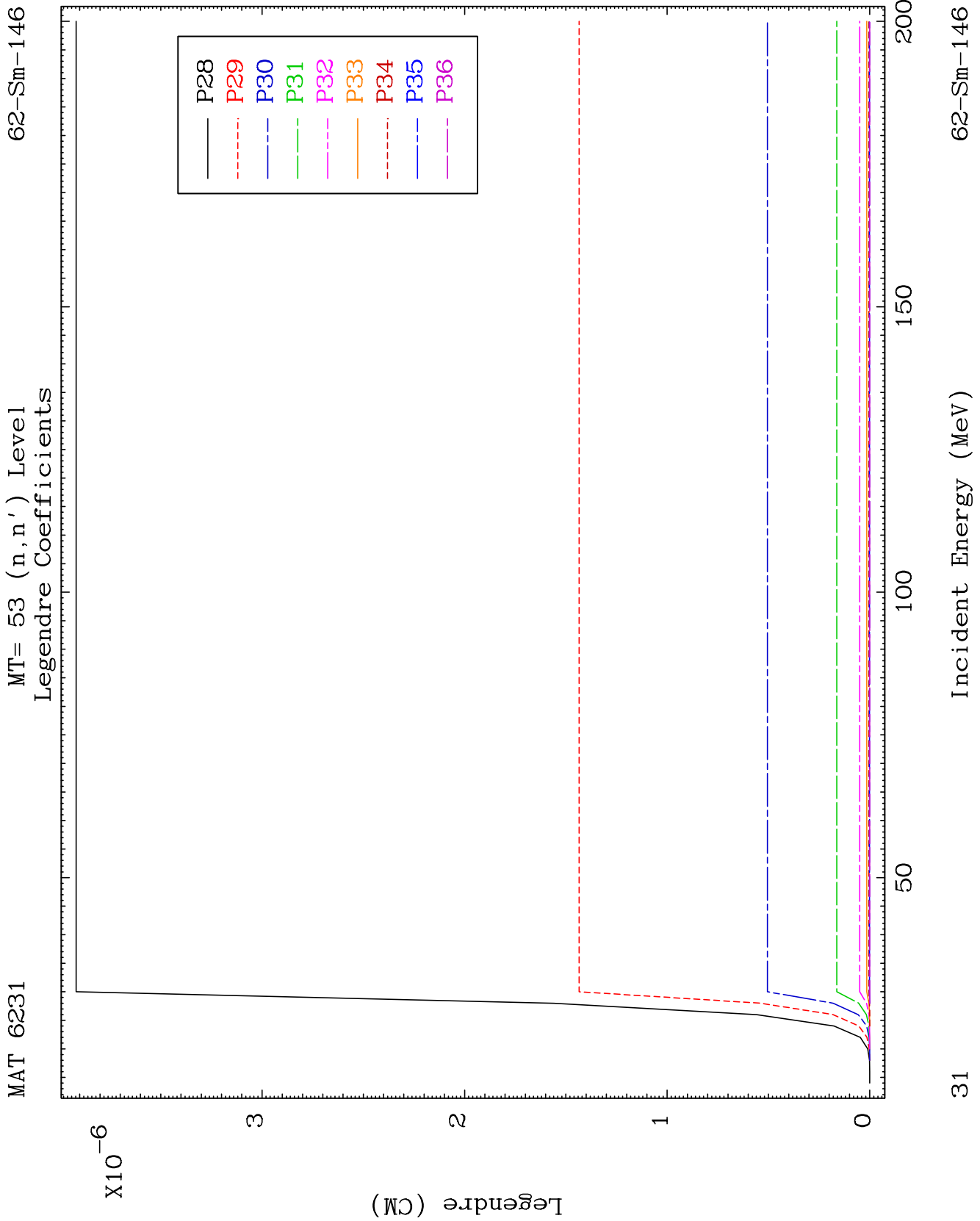


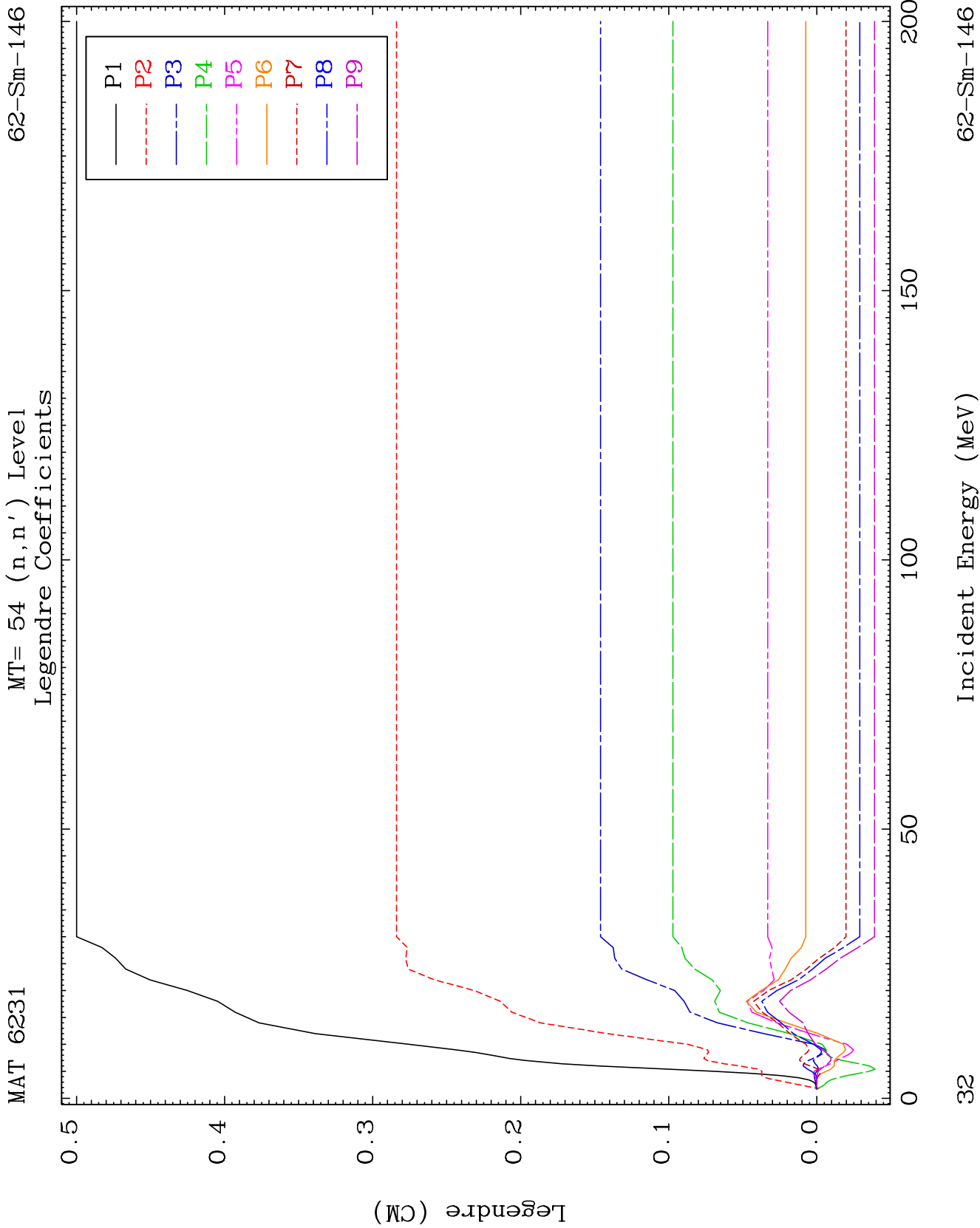


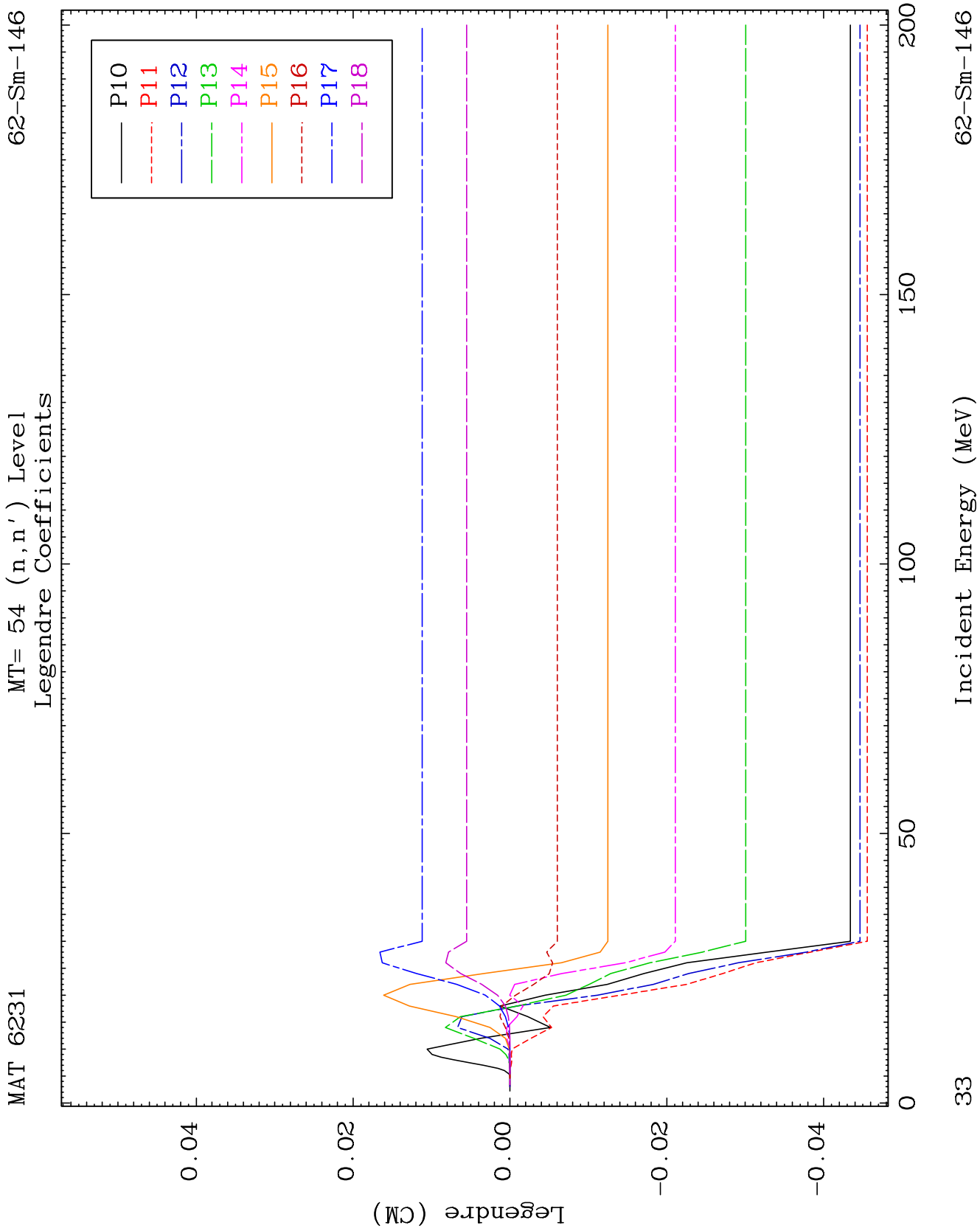


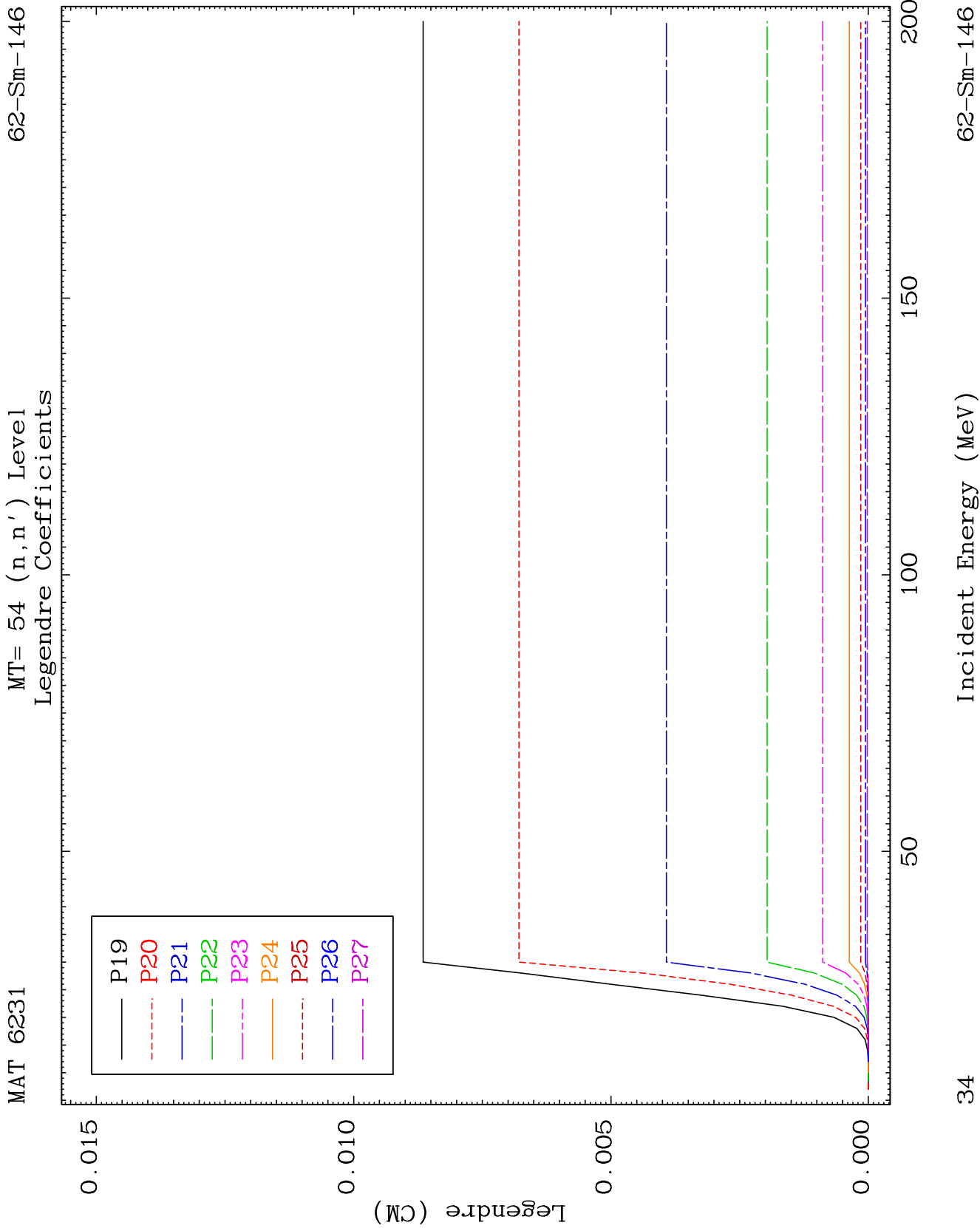


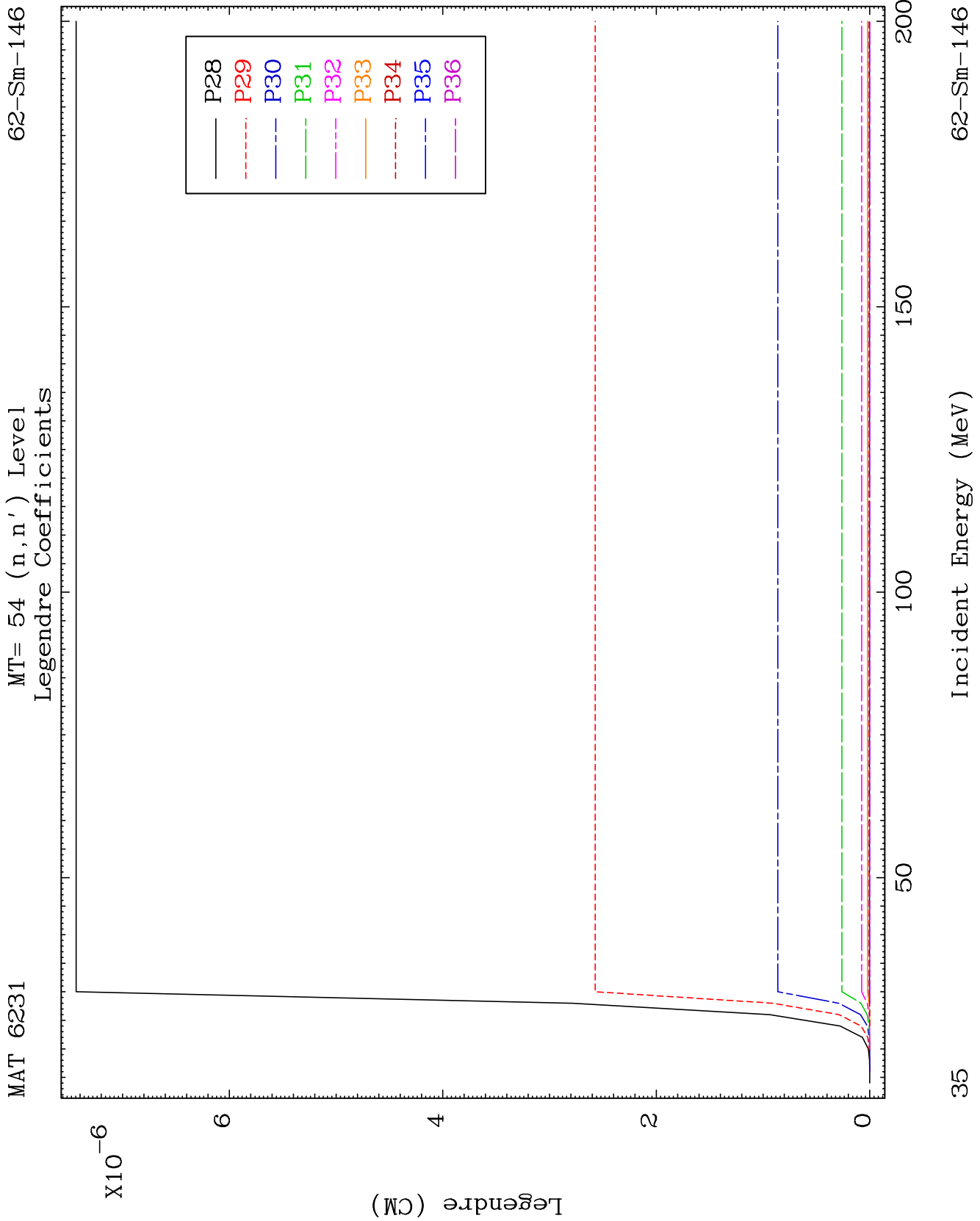


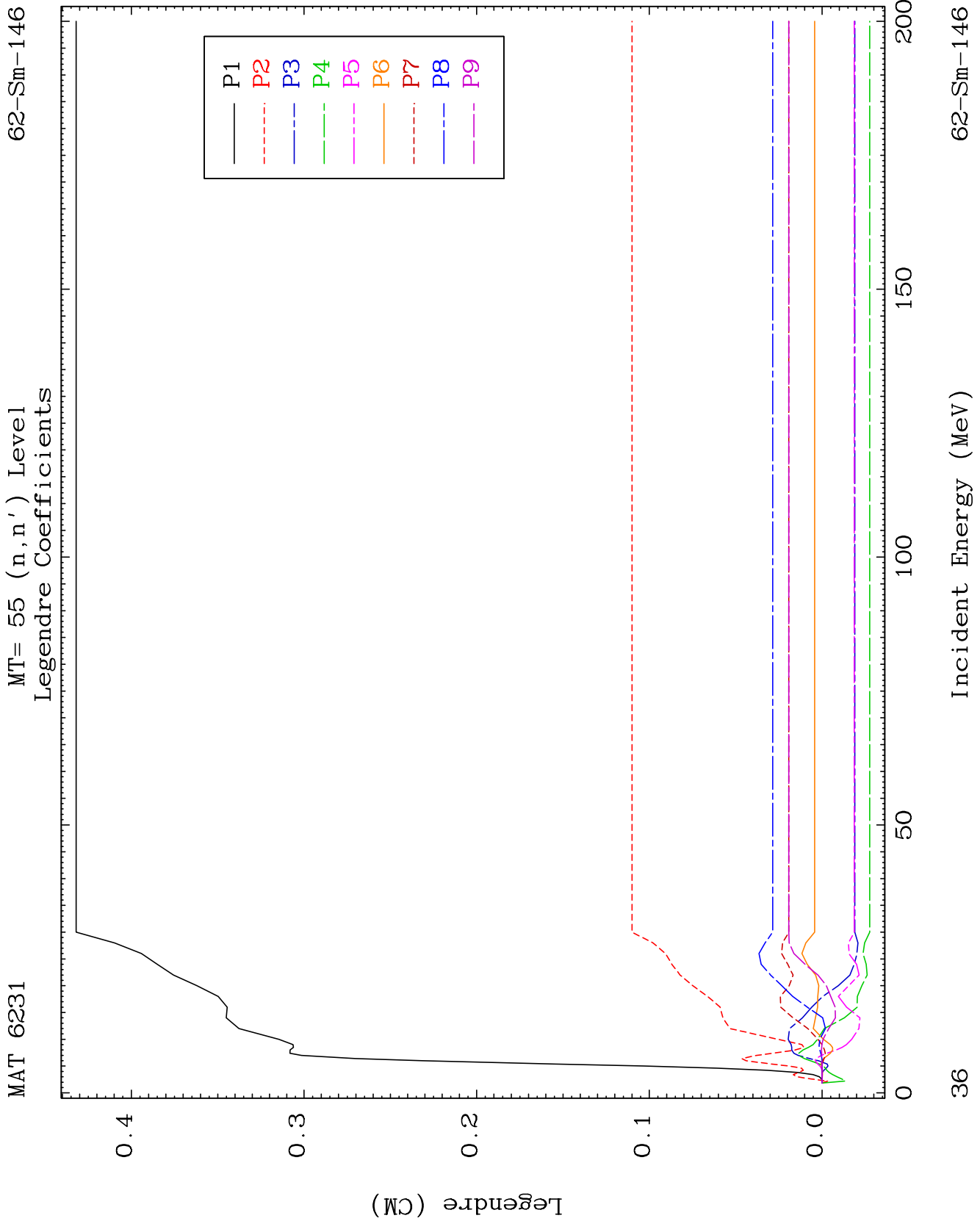


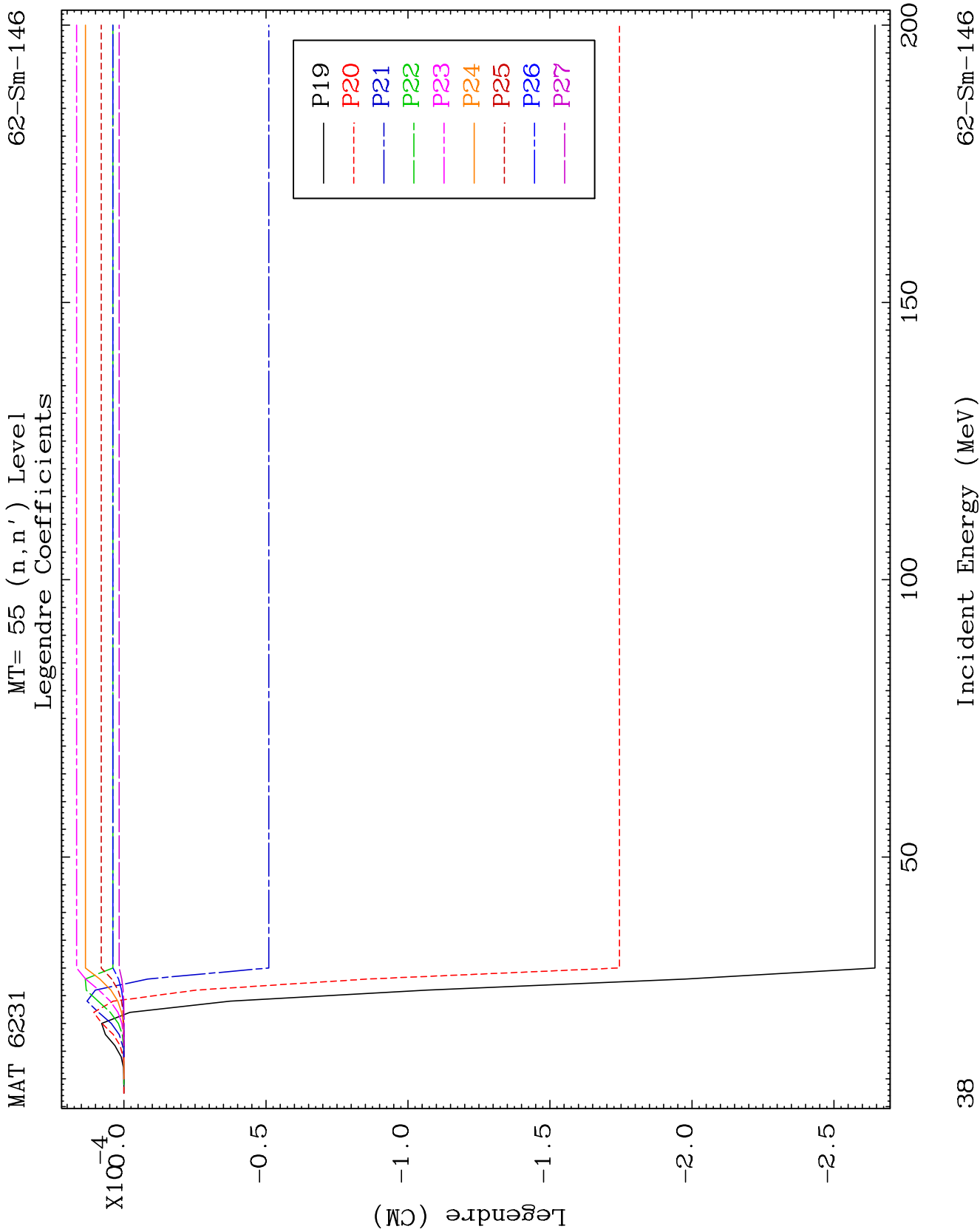


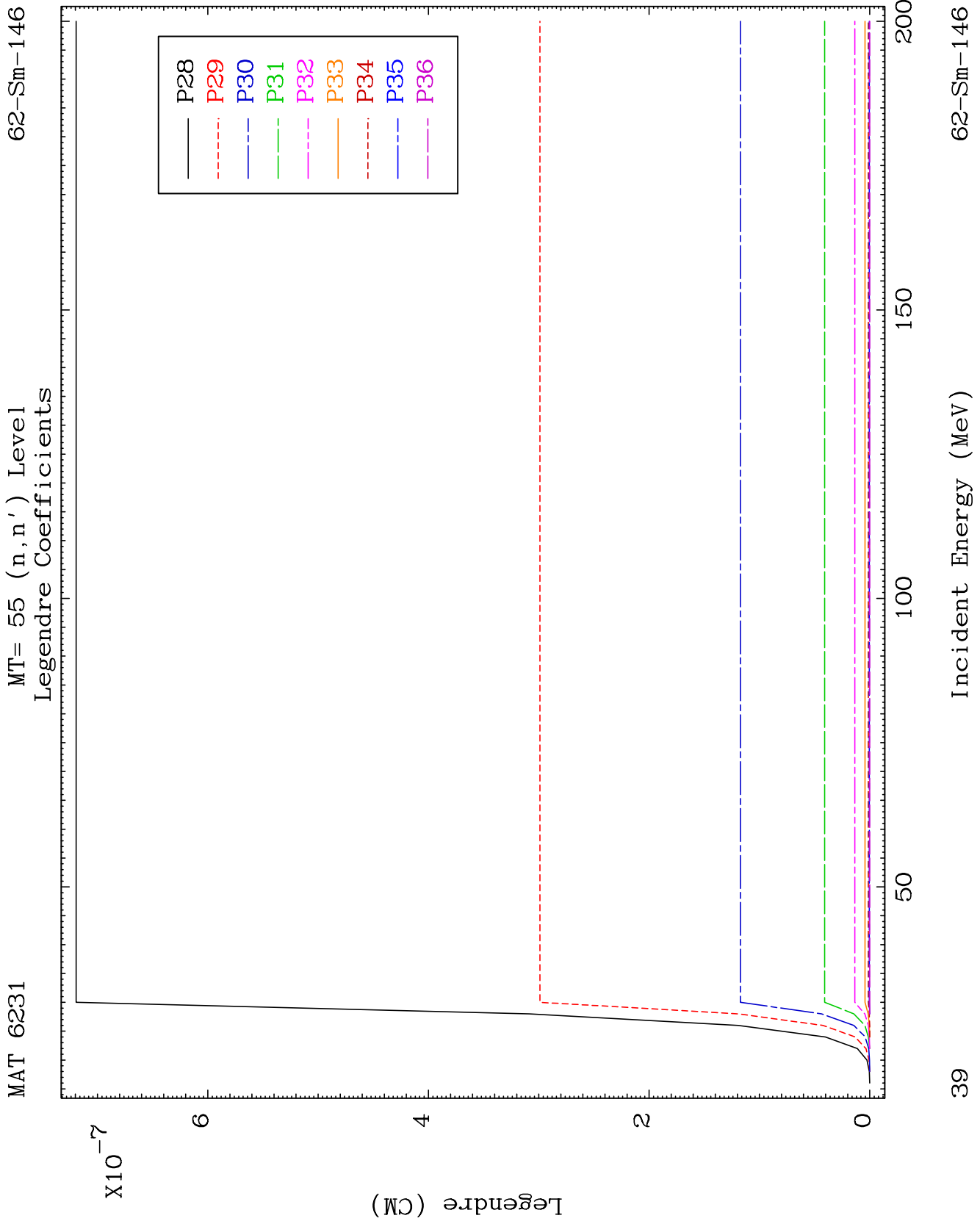


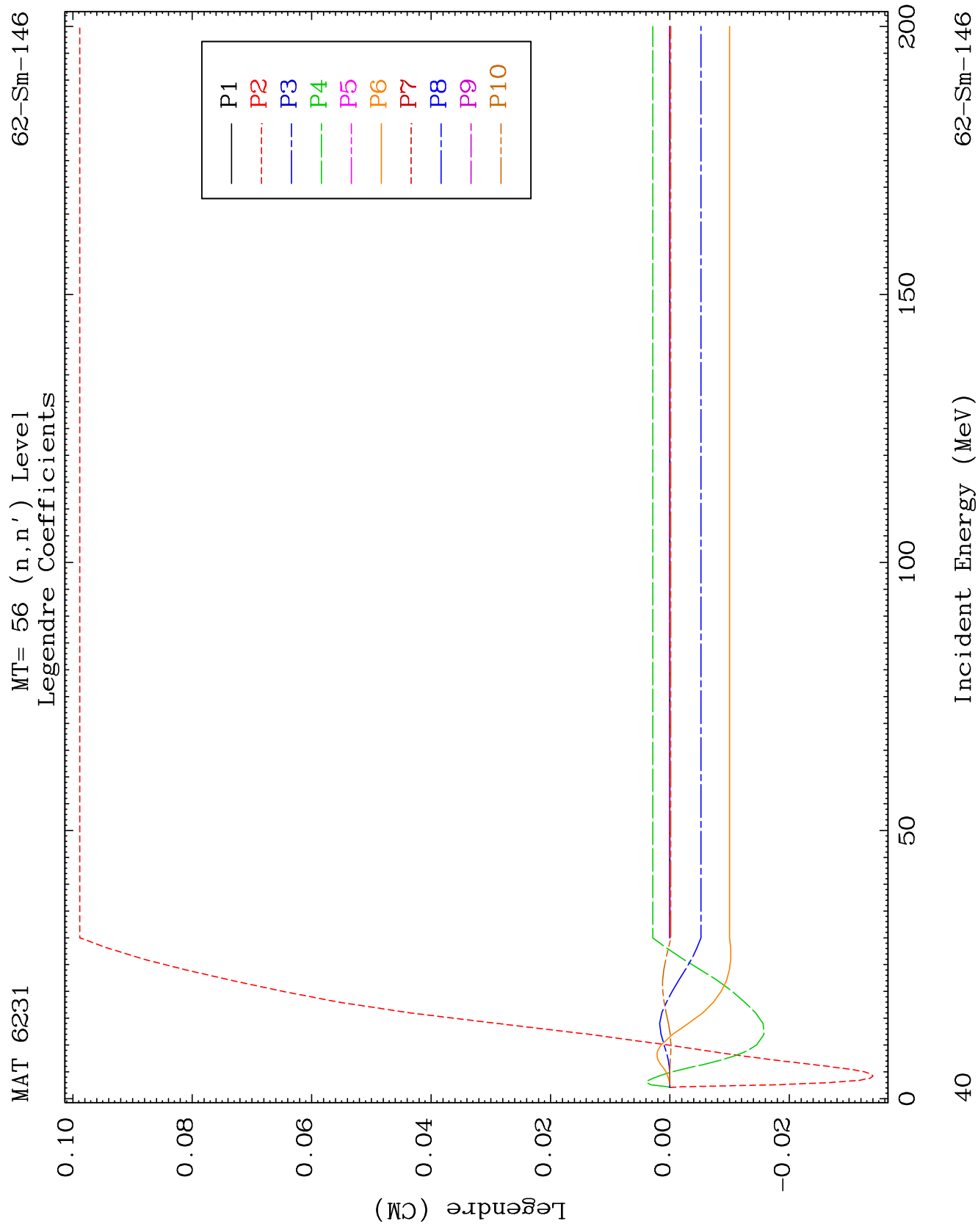


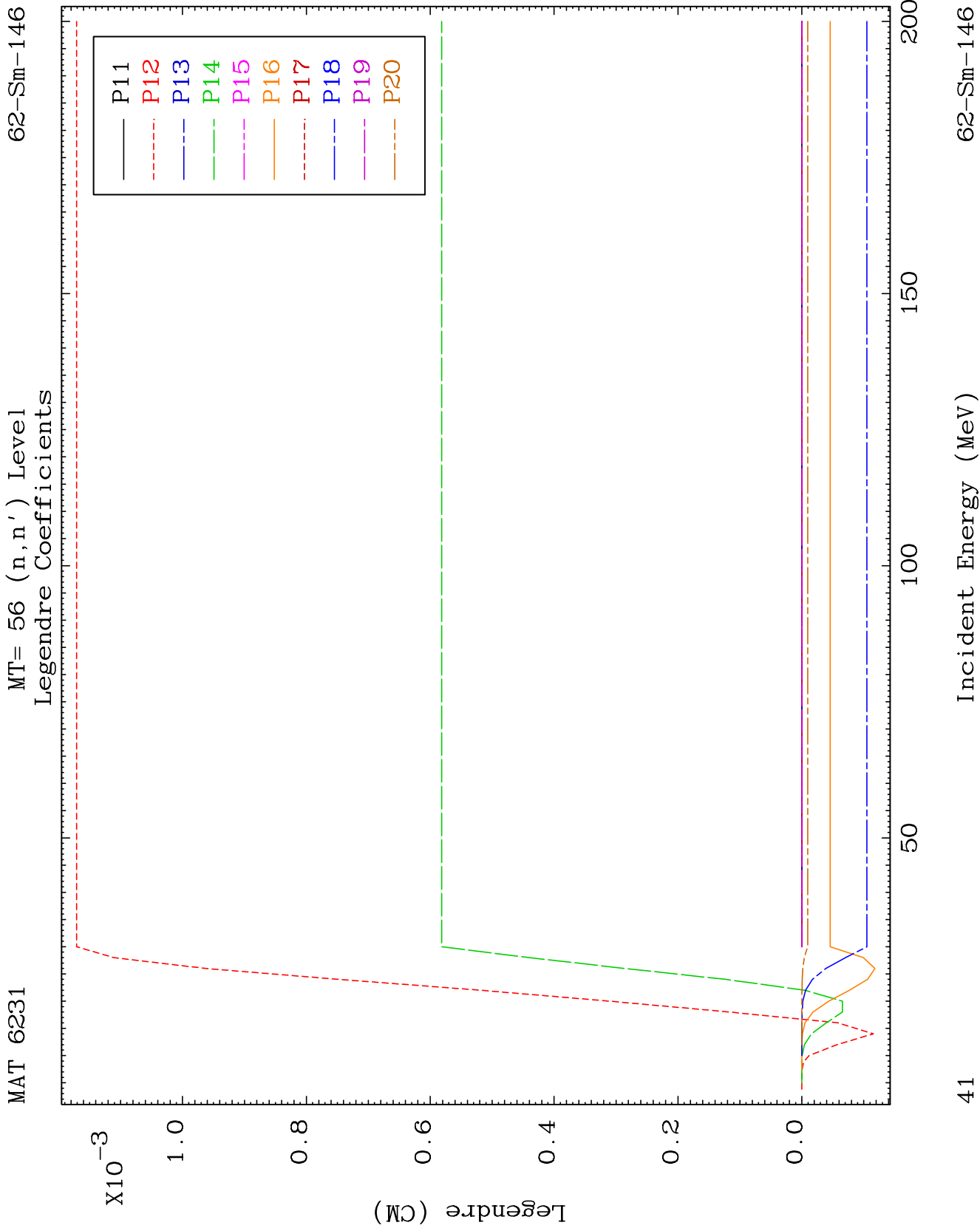


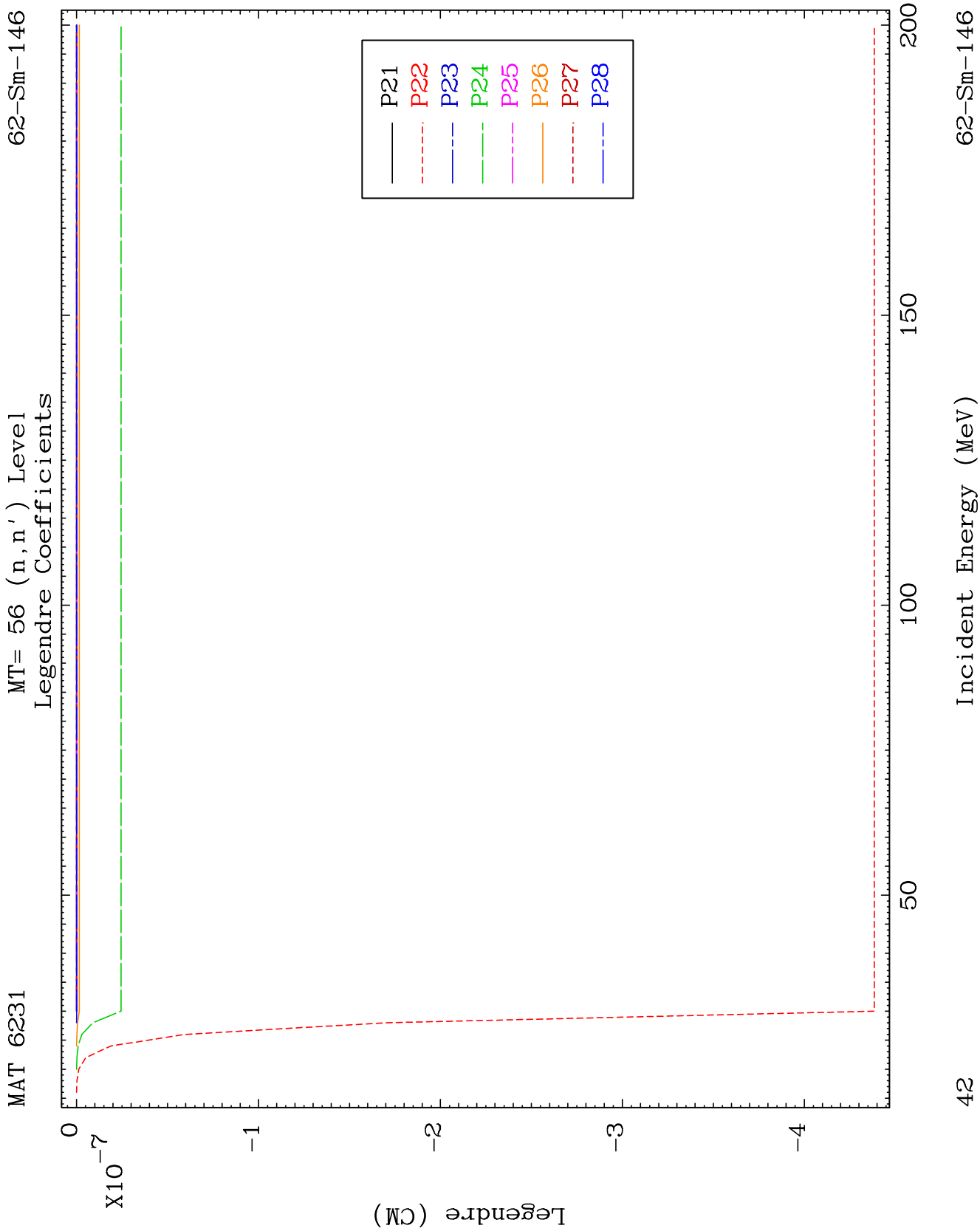








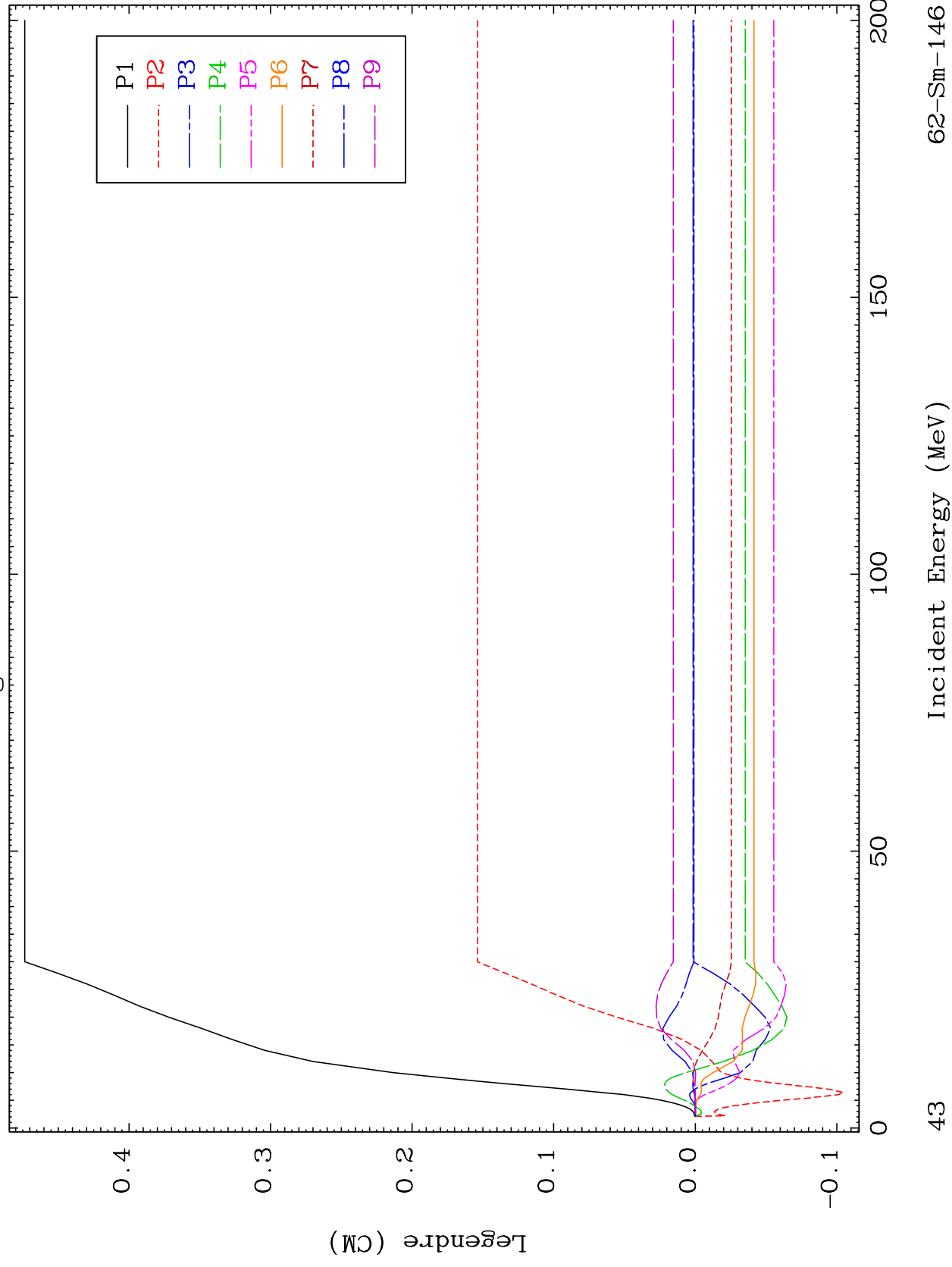


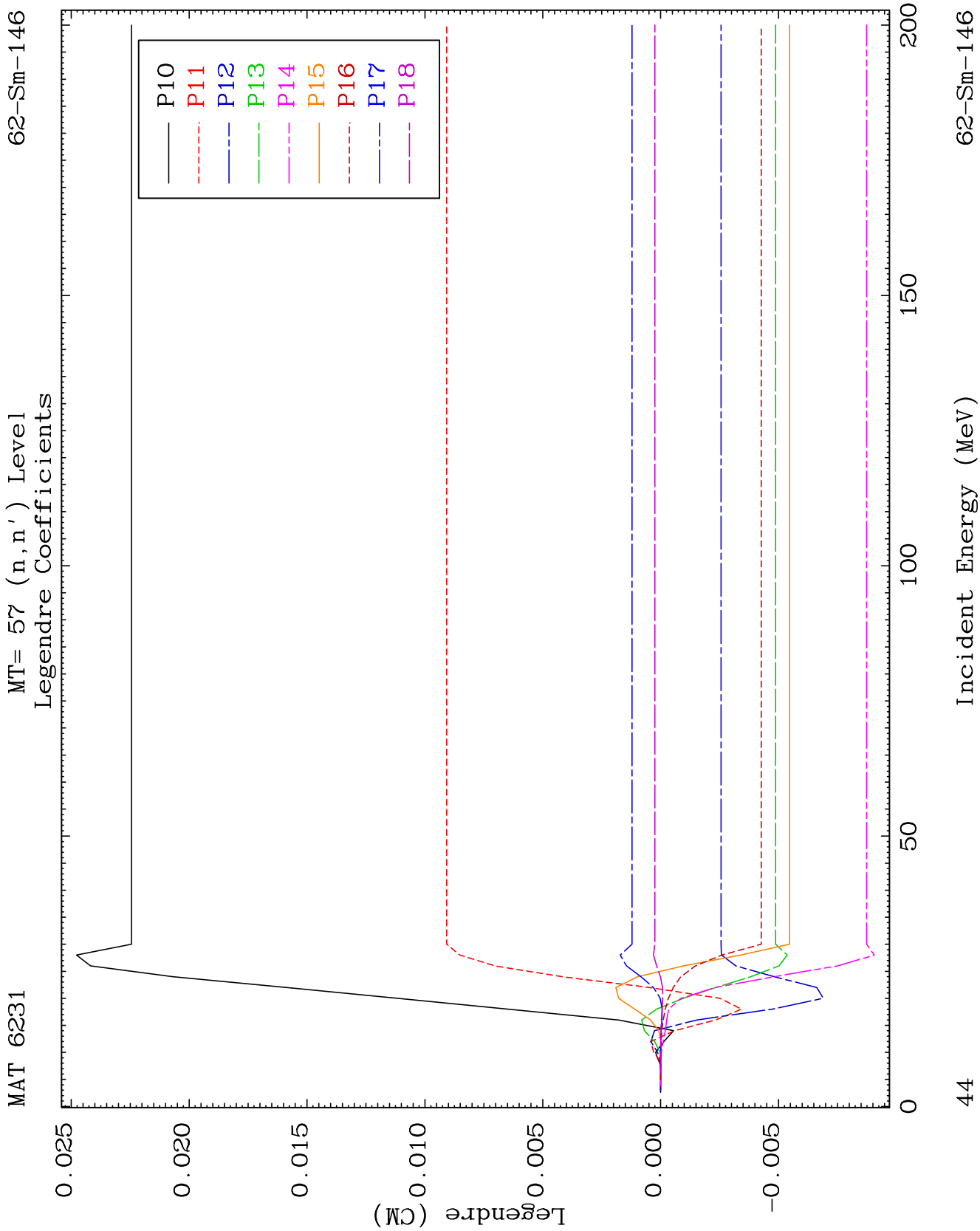


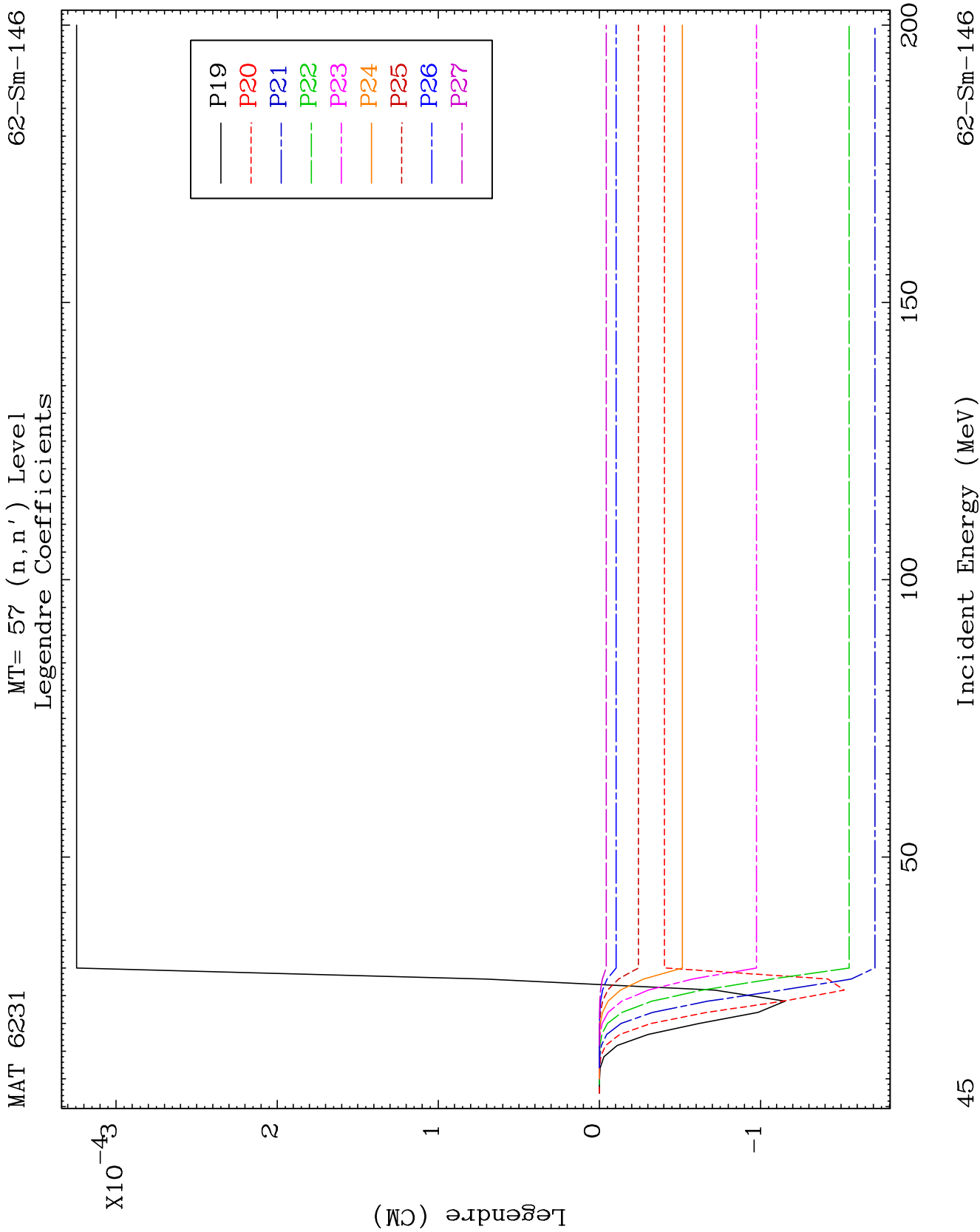
MAT 6231

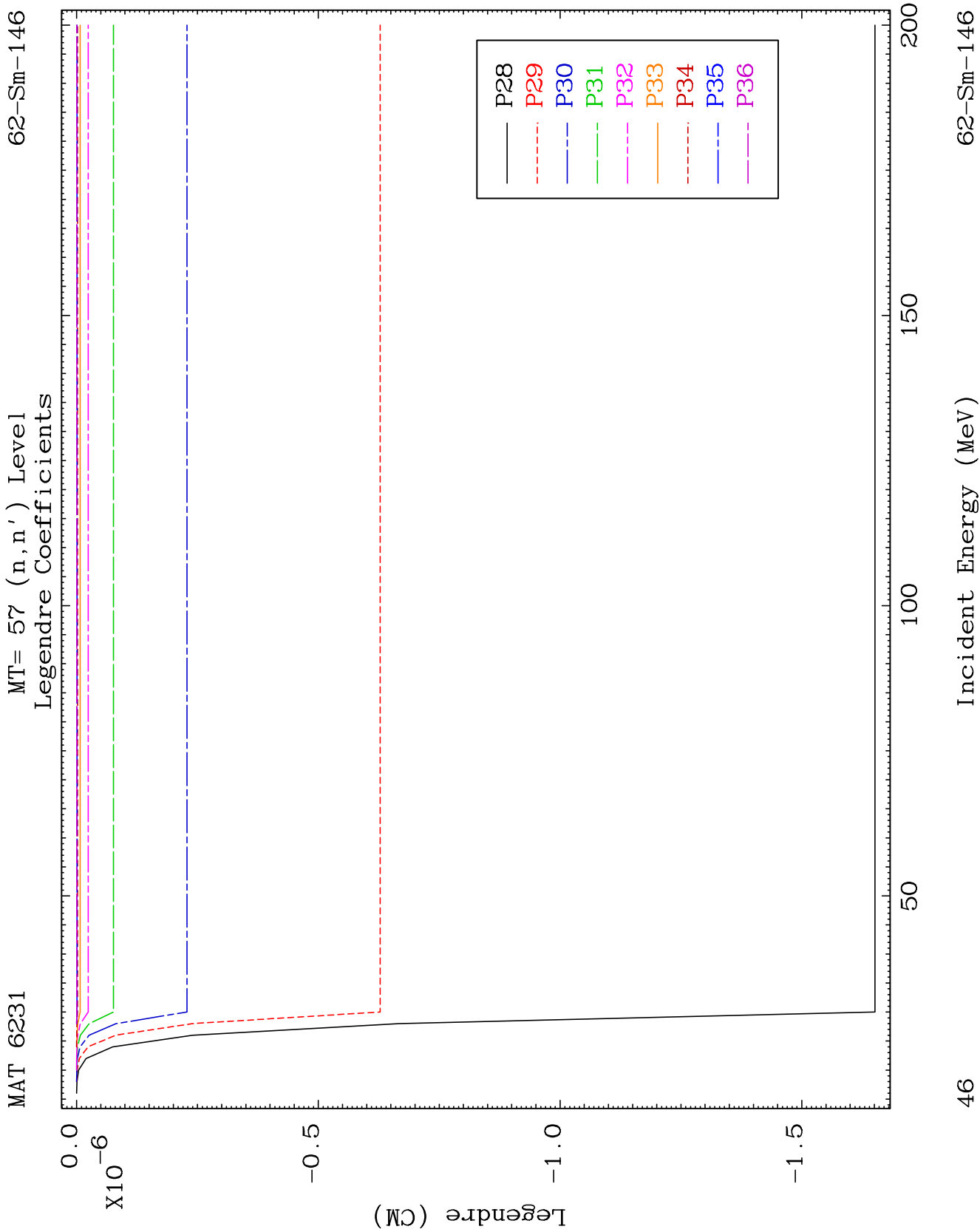
MT= 57 (n, n') Level
Legendre Coefficients

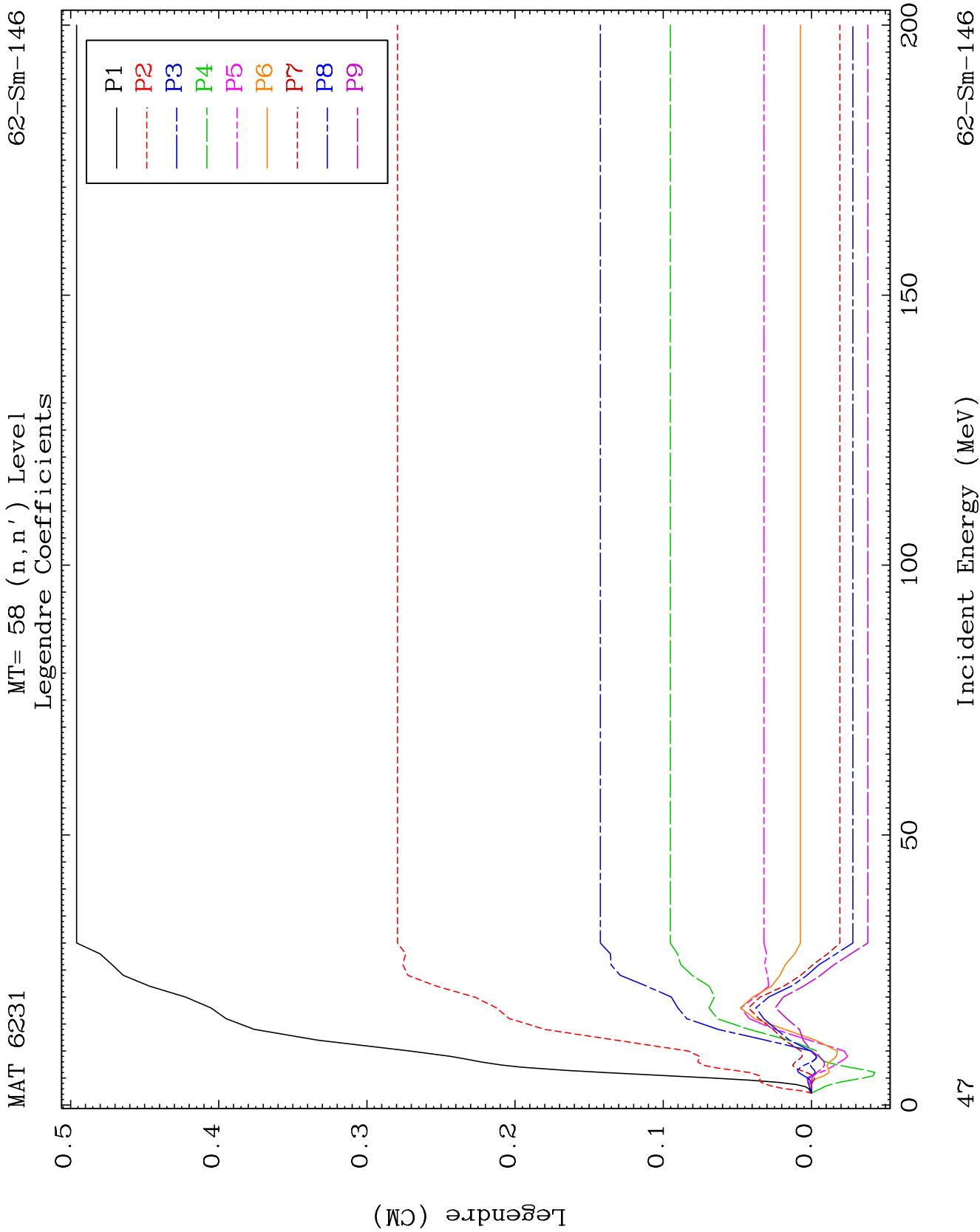
62-Sm-146

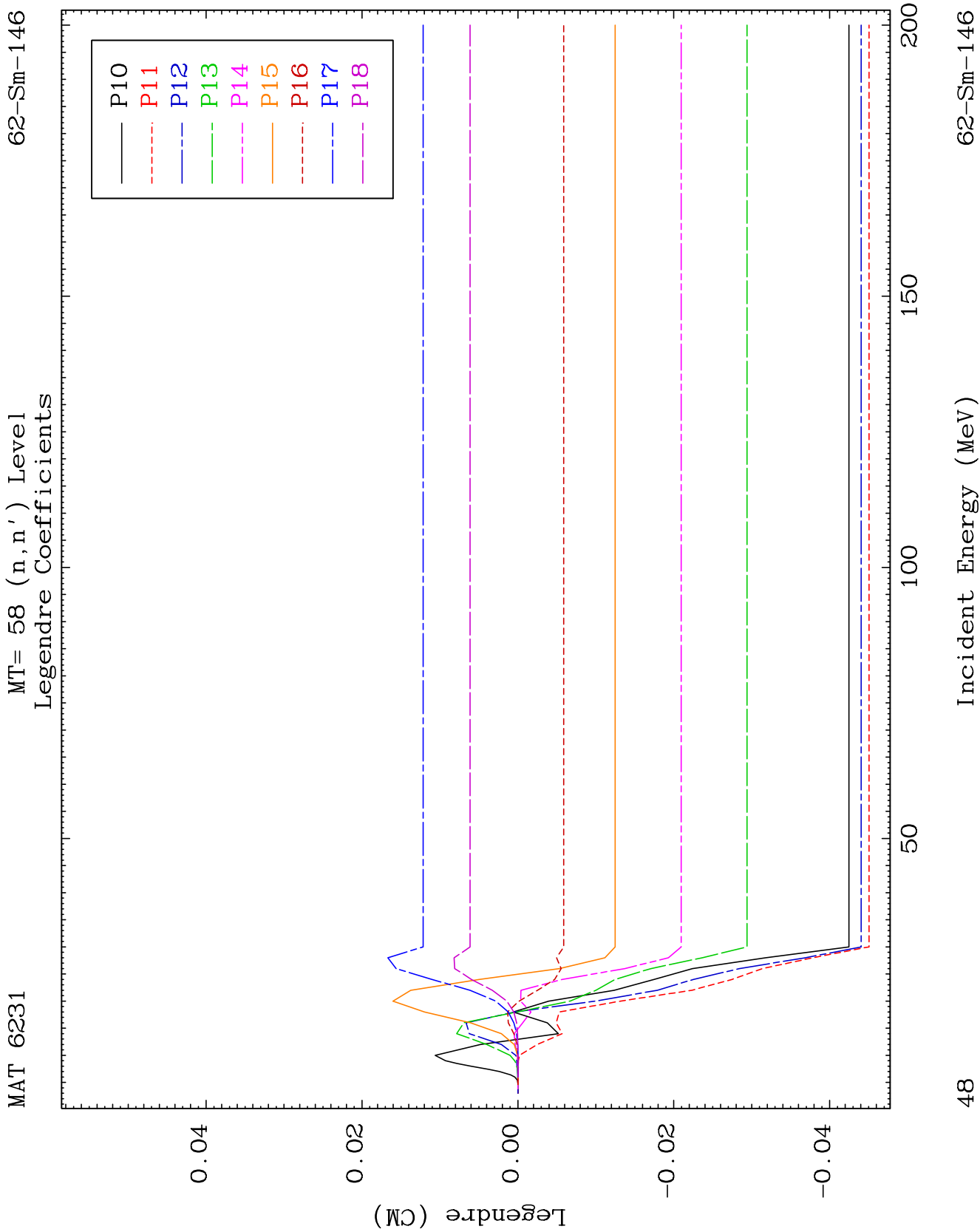


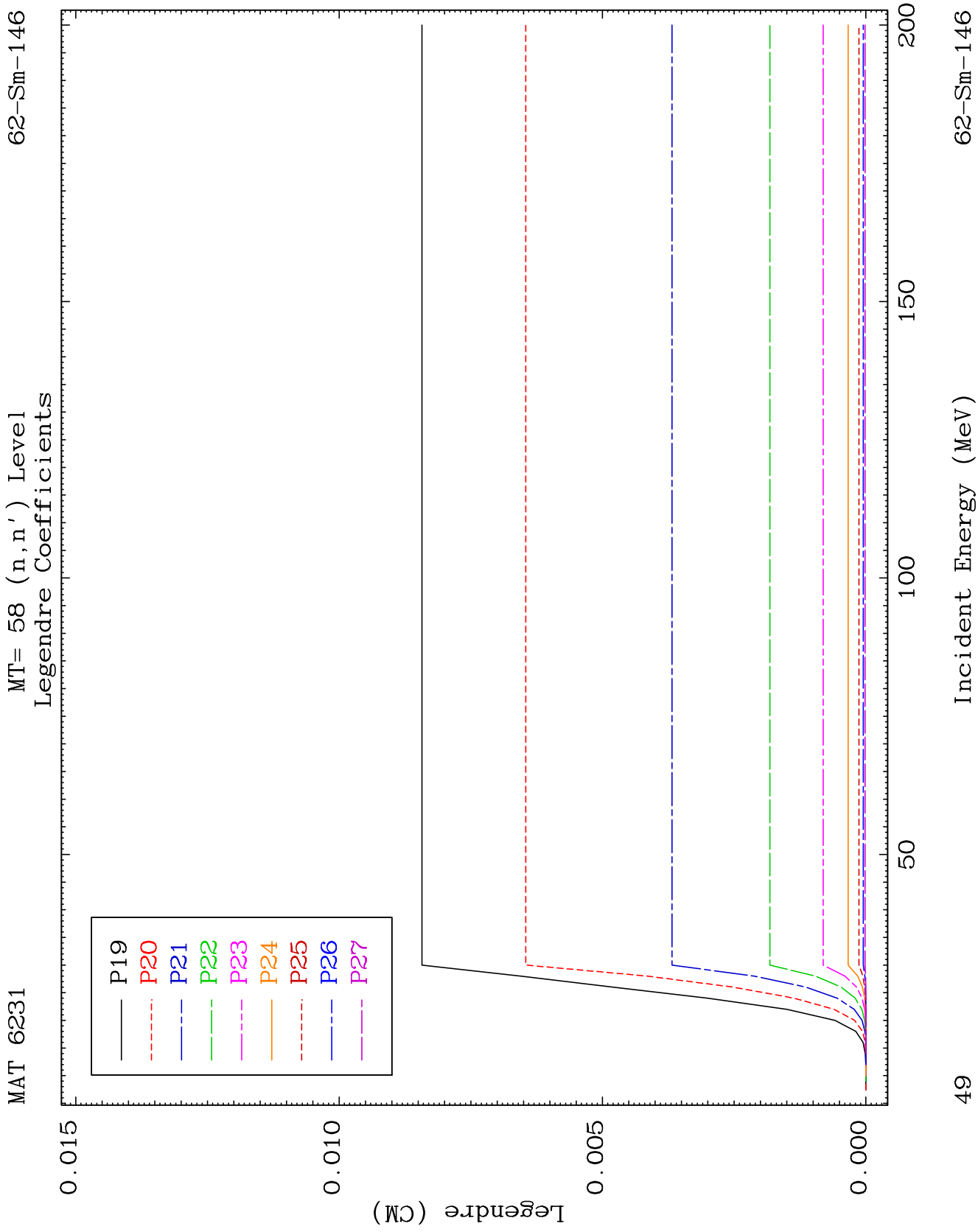


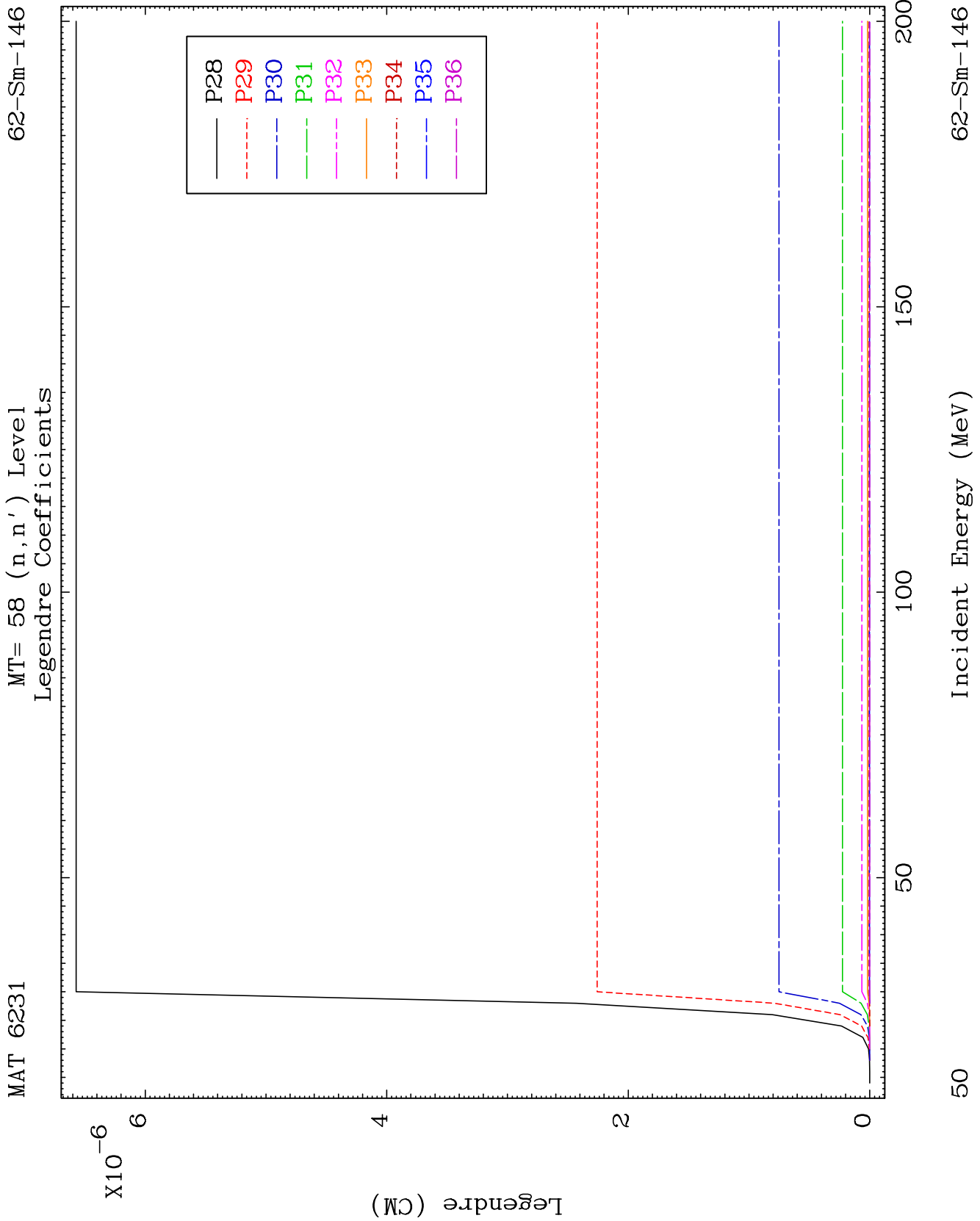


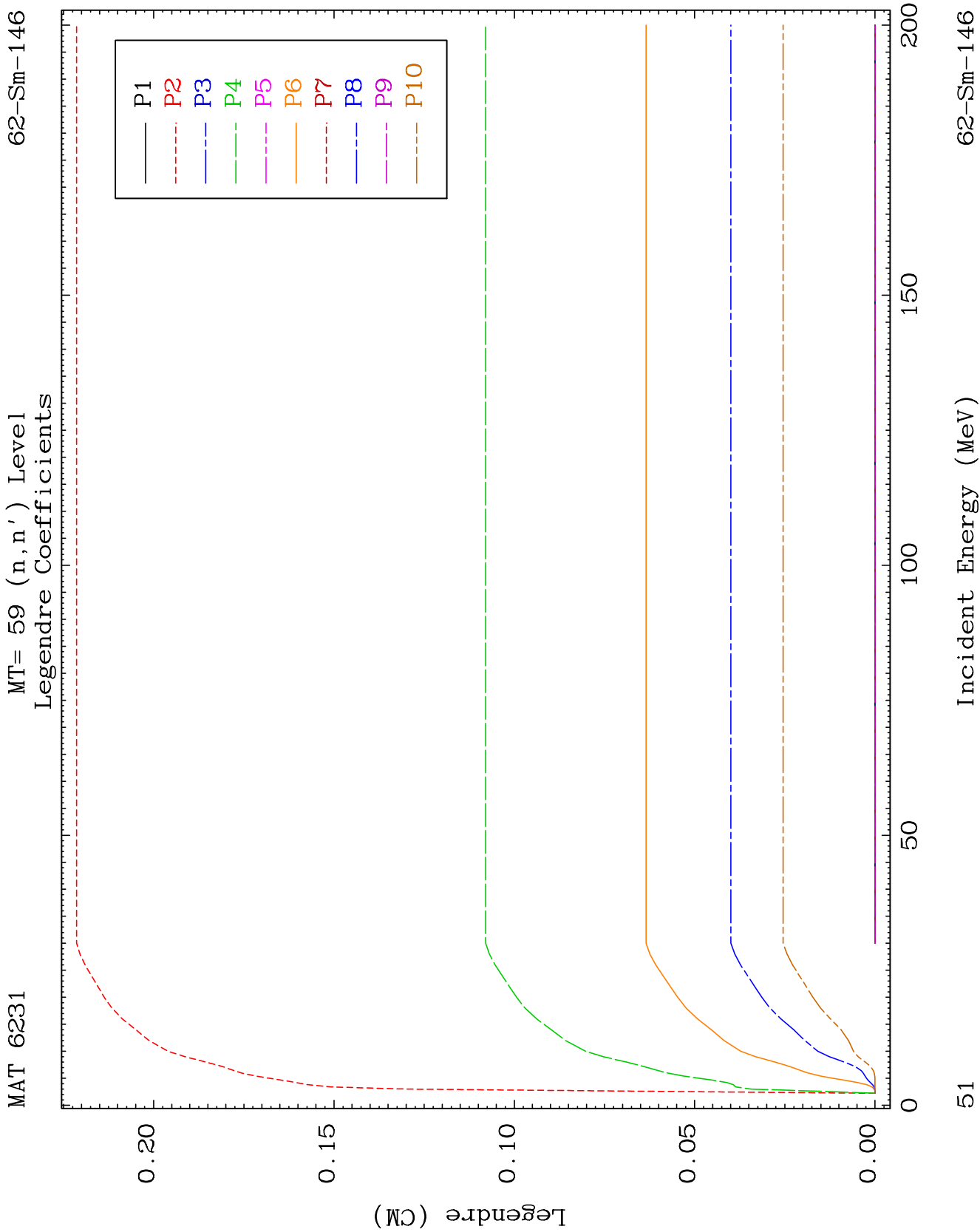


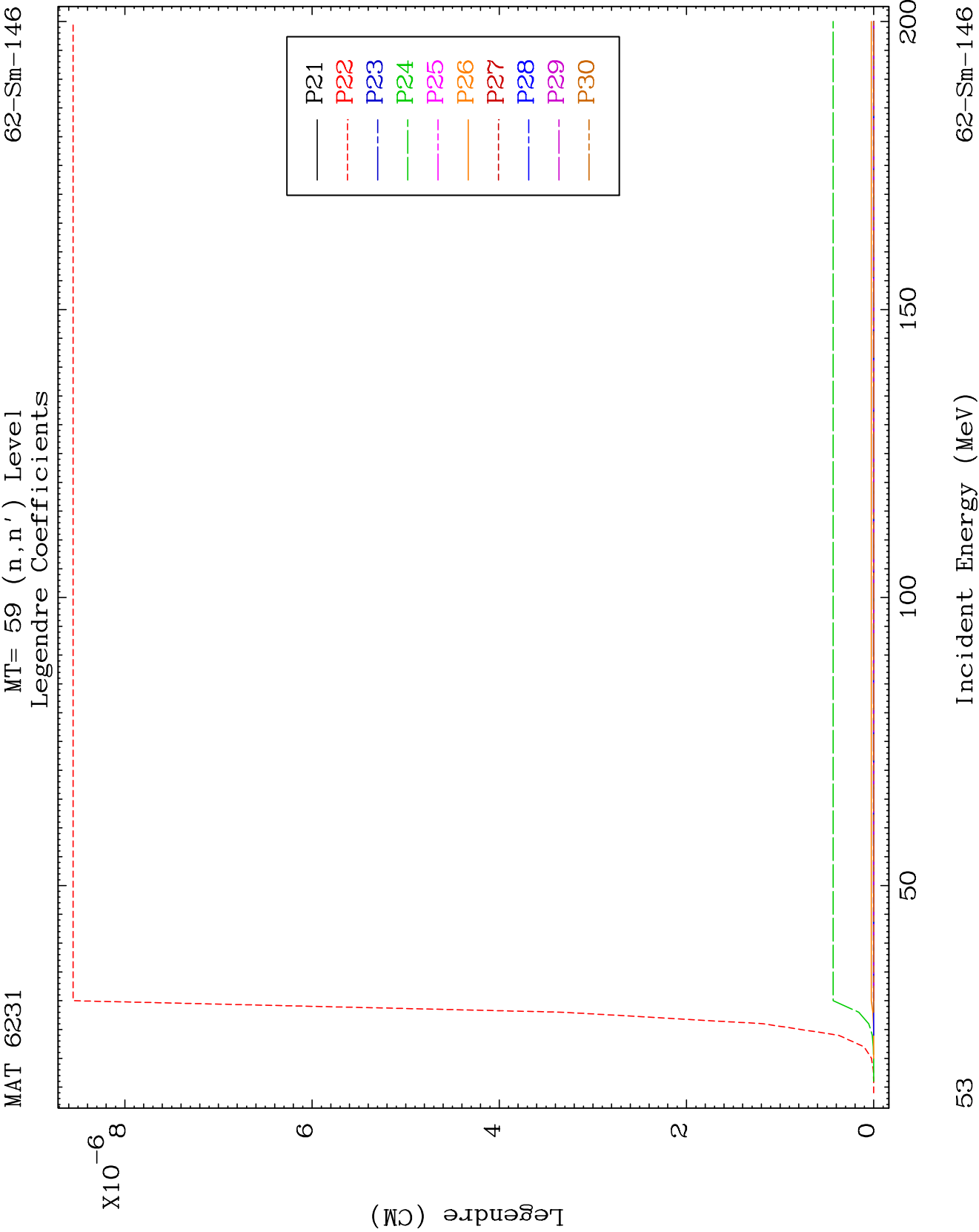


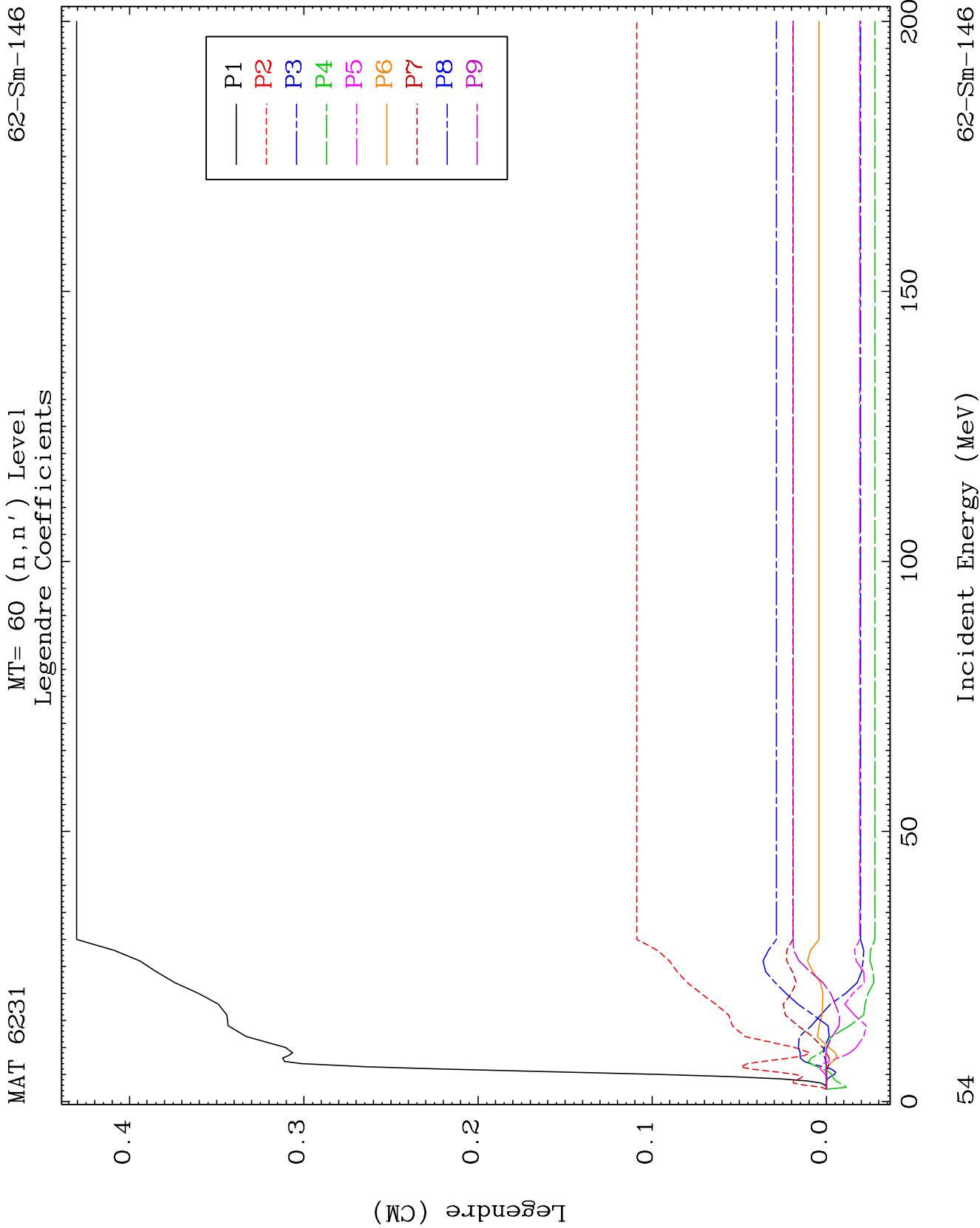


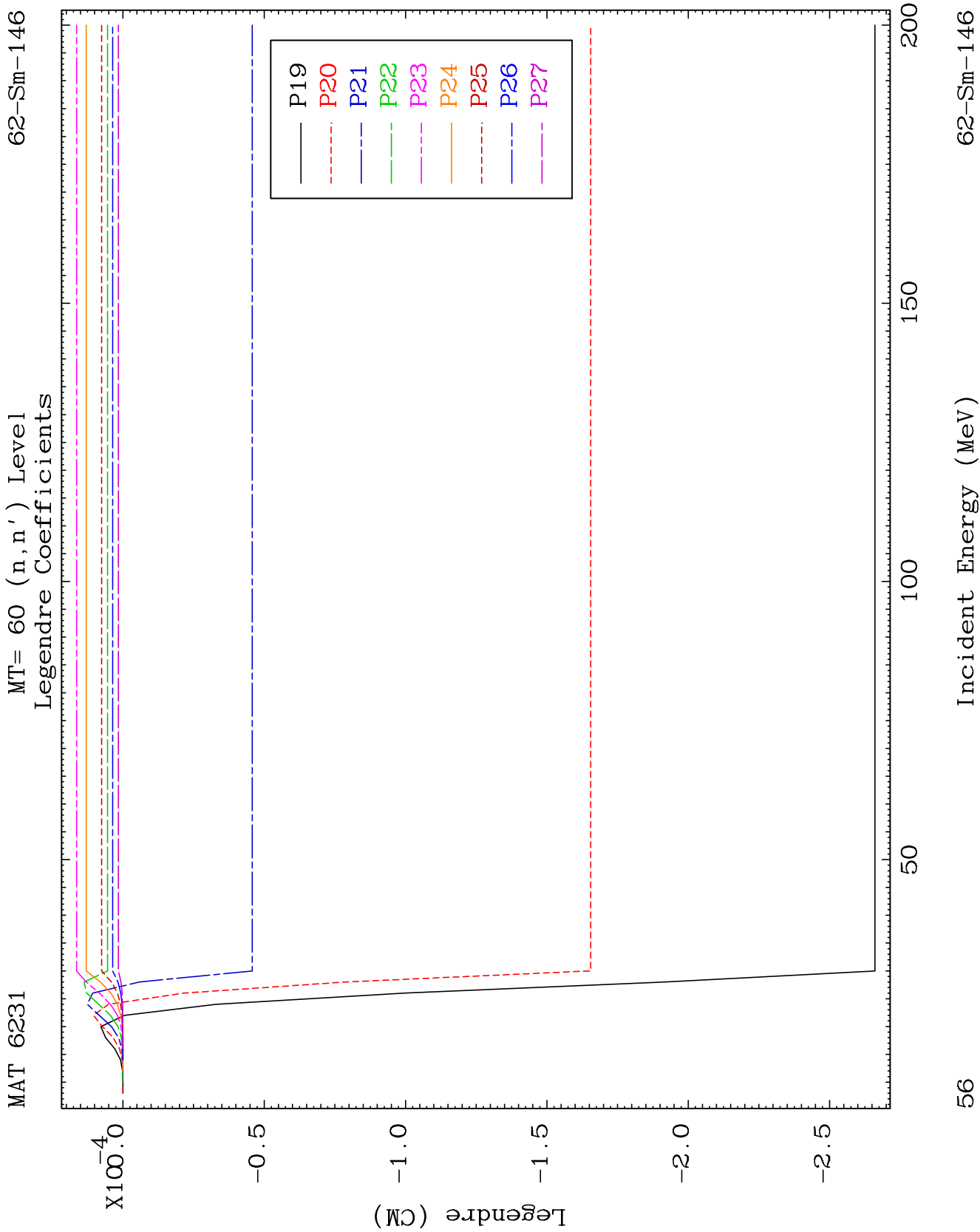


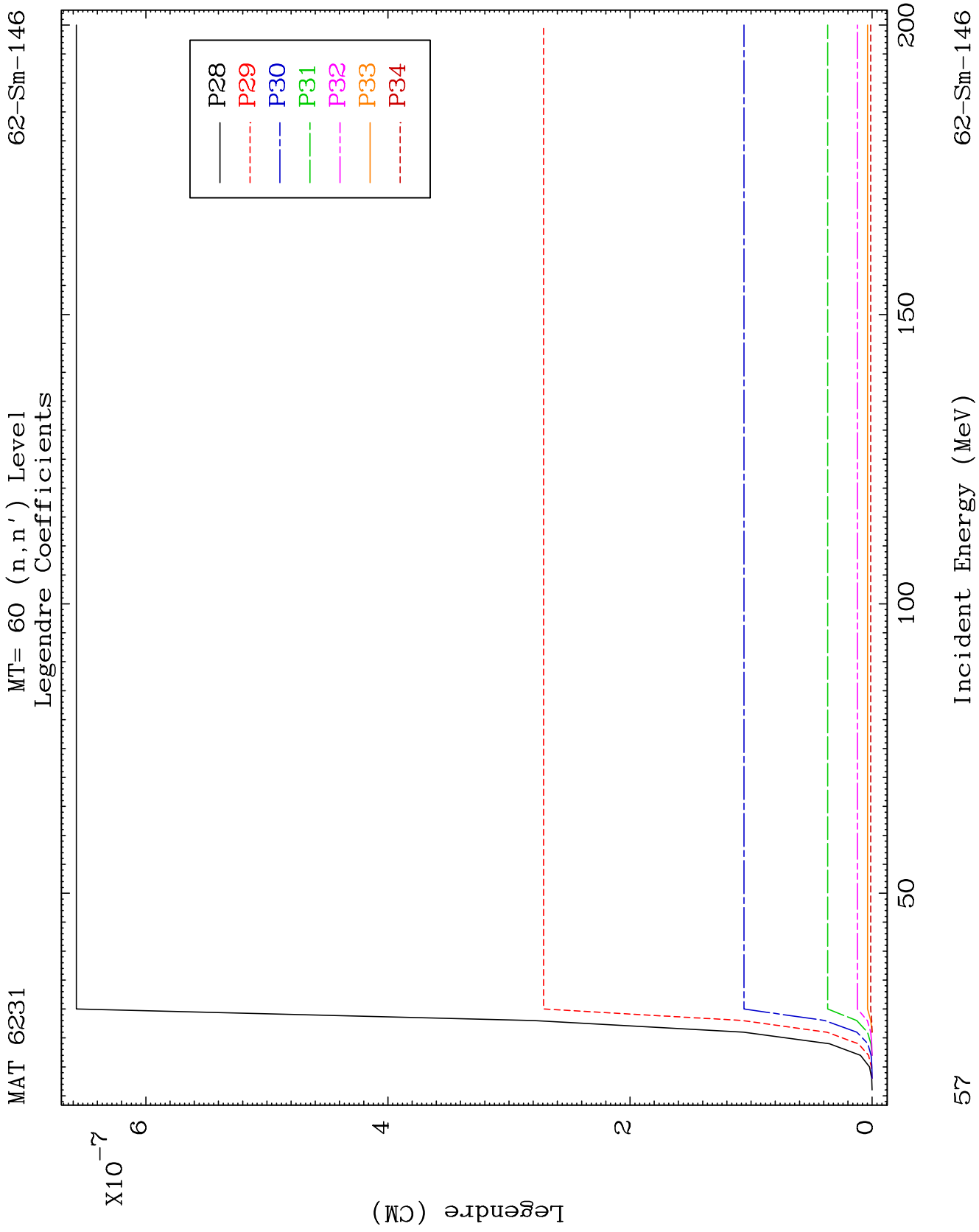


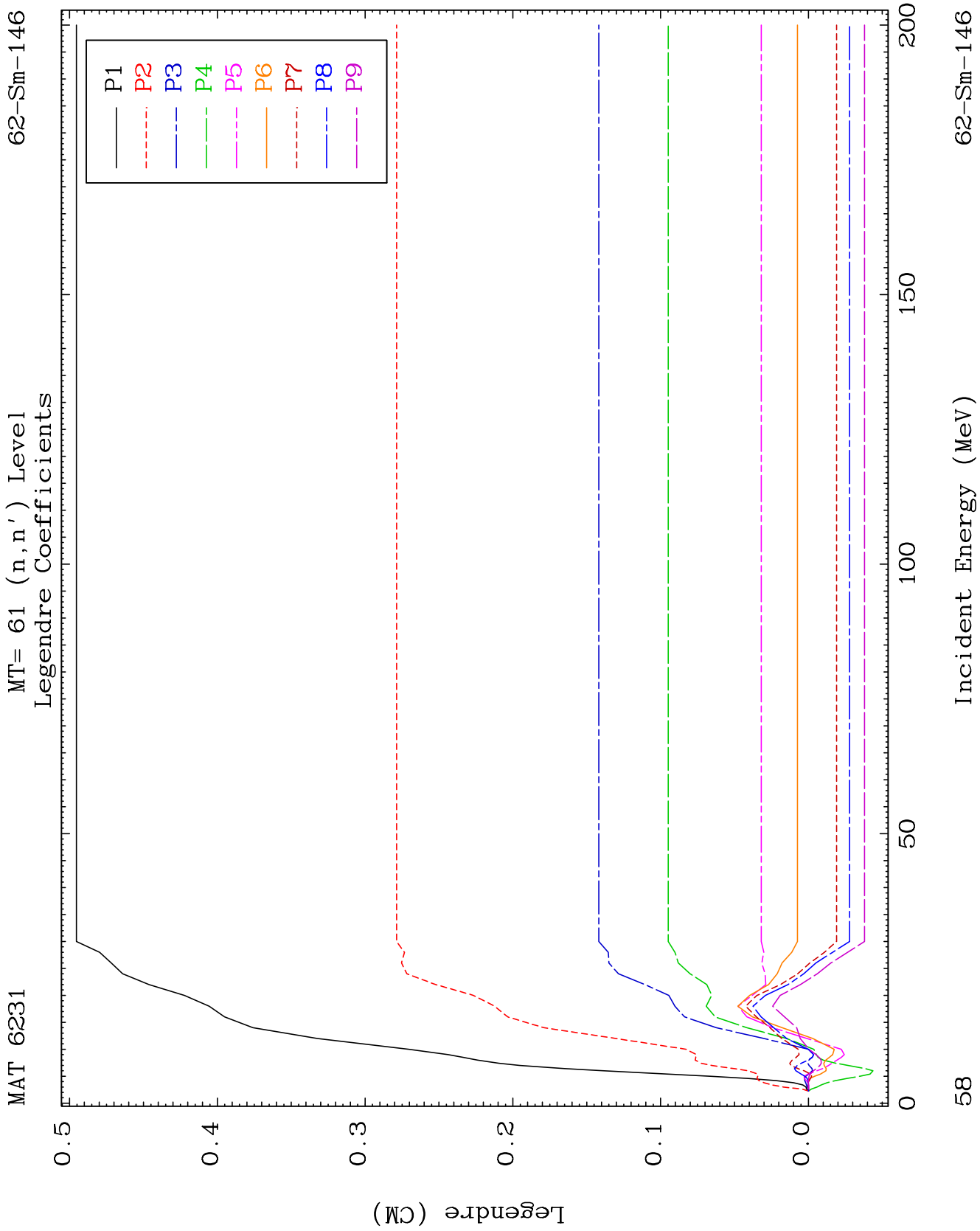








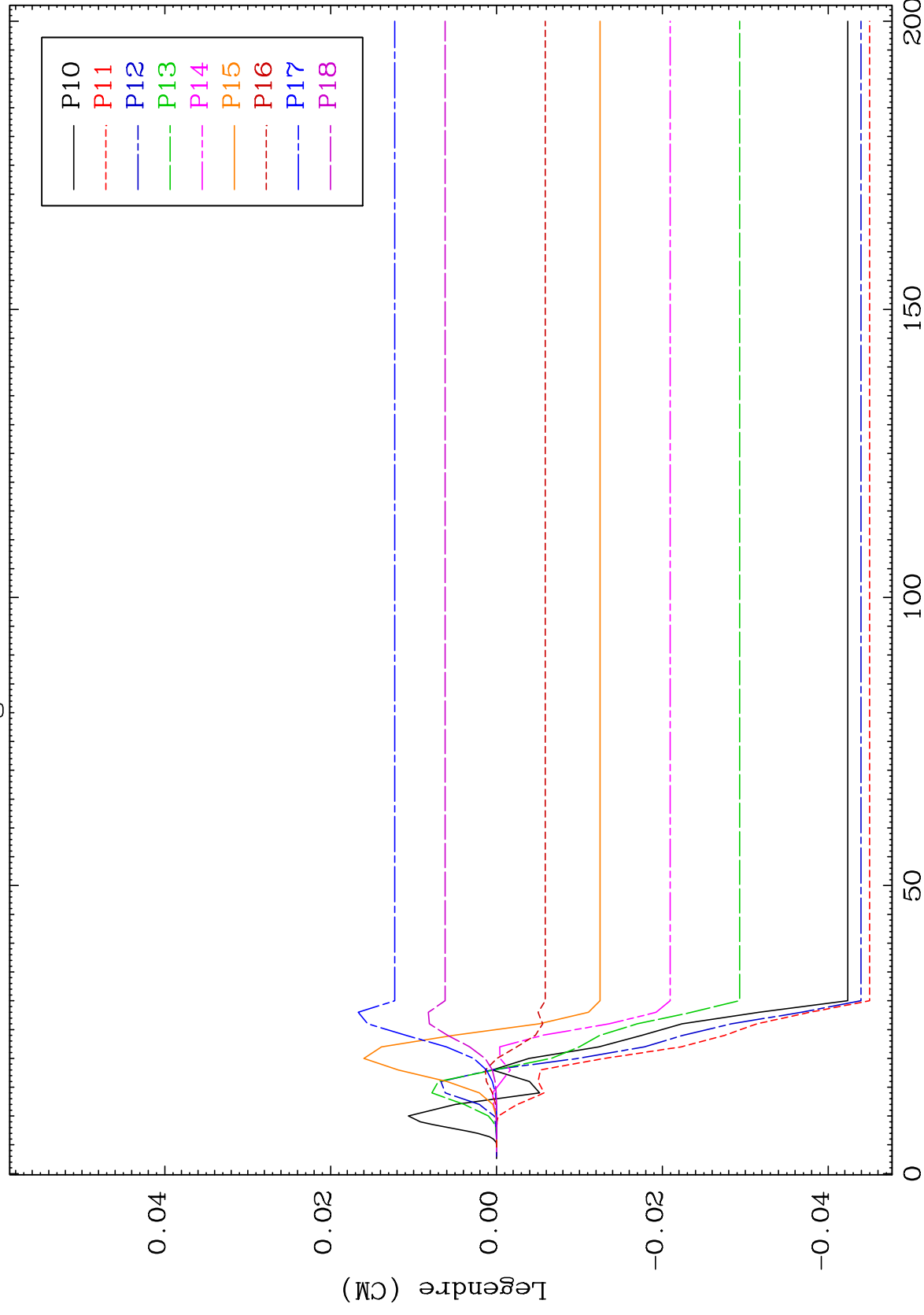




MAT 6231

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

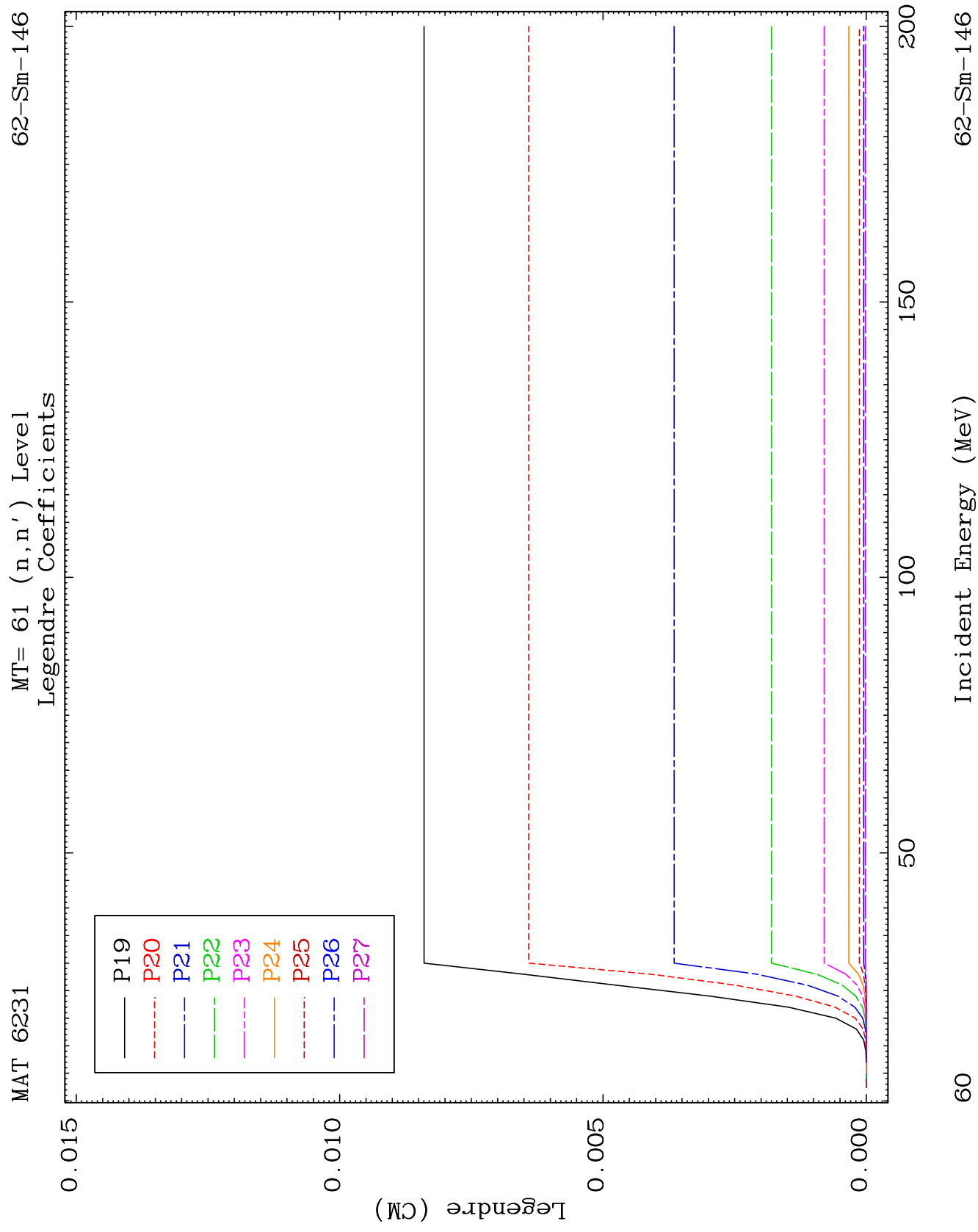
62-Sm-146



65

Incident Energy (MeV)

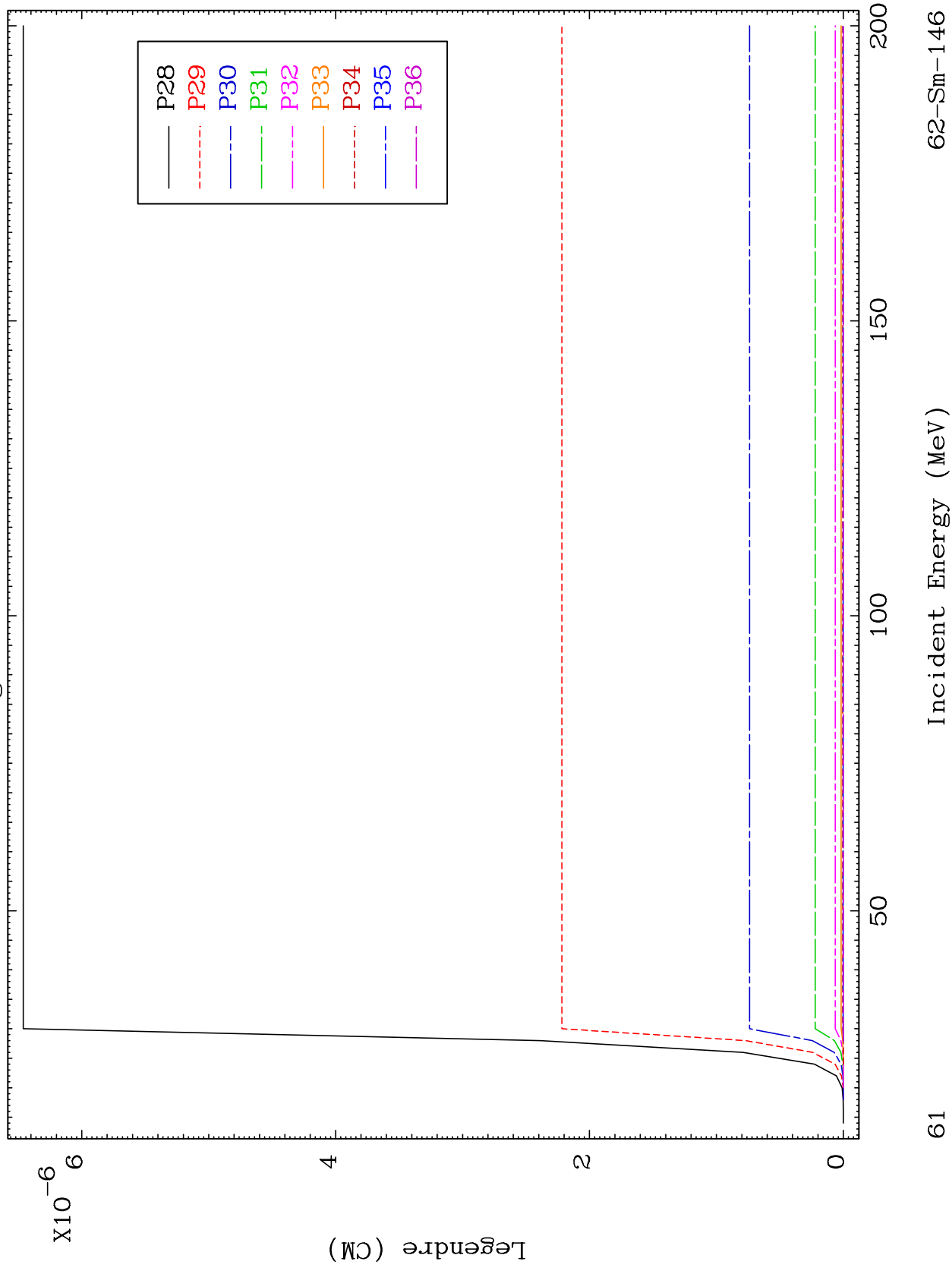
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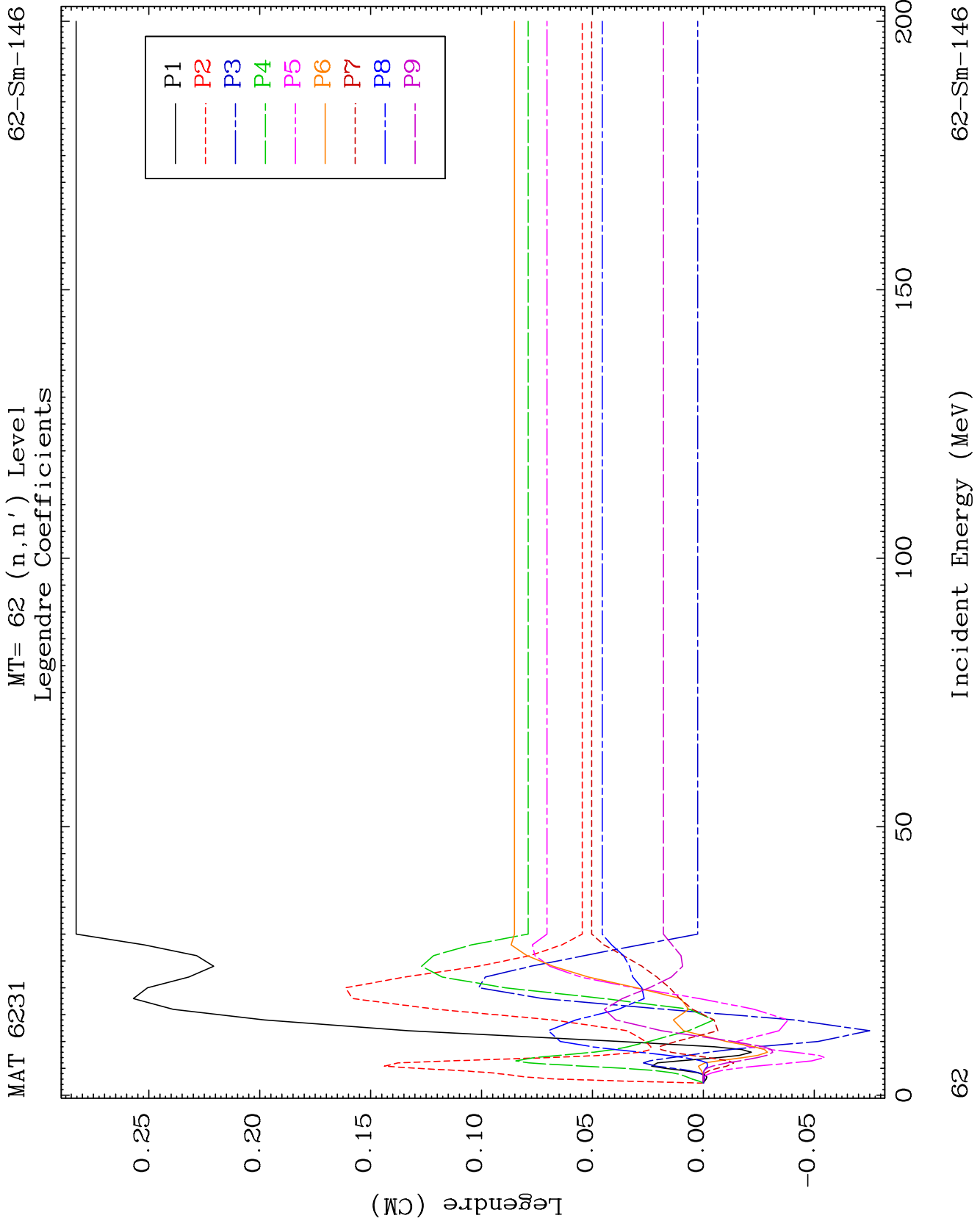


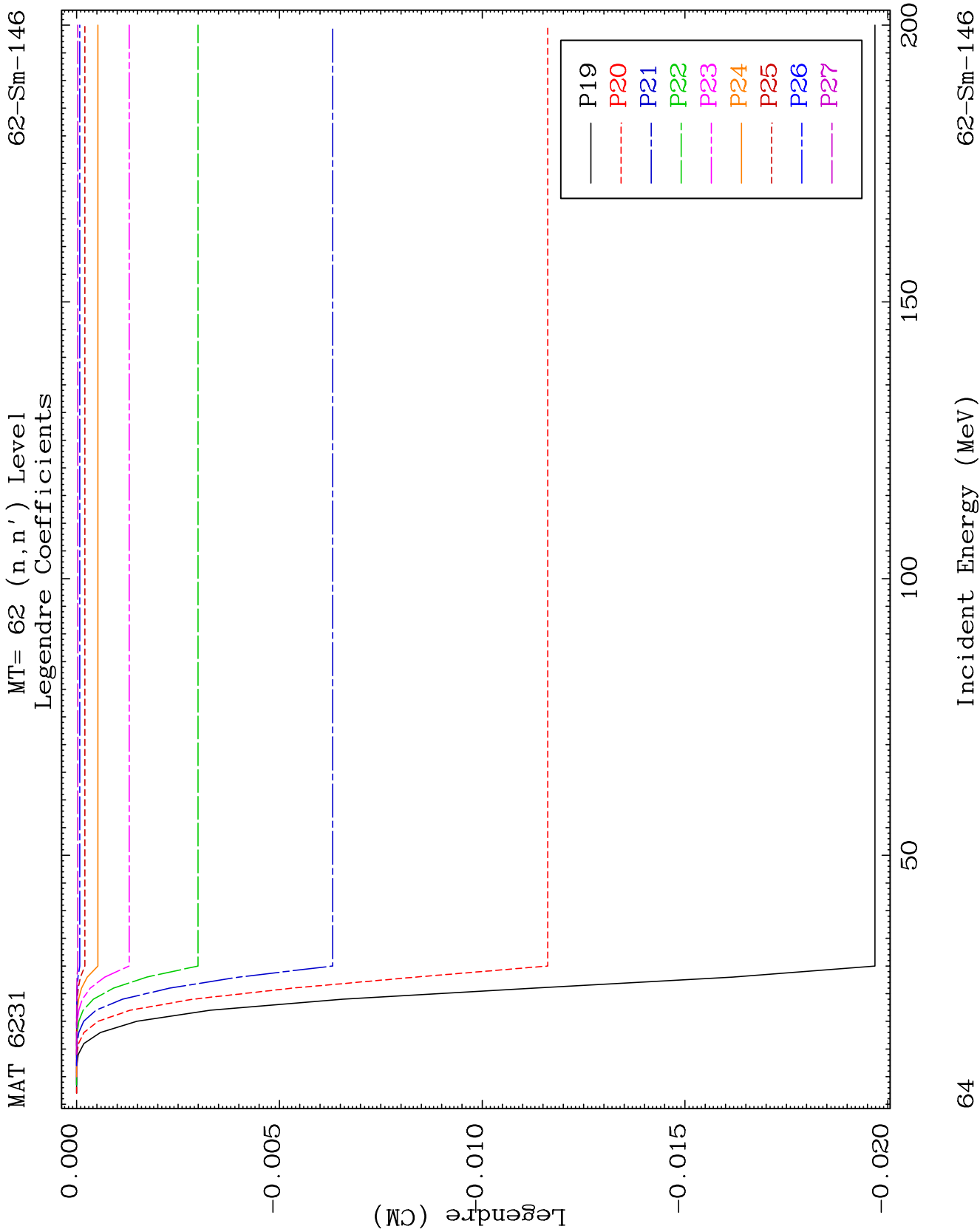
MAT 6231

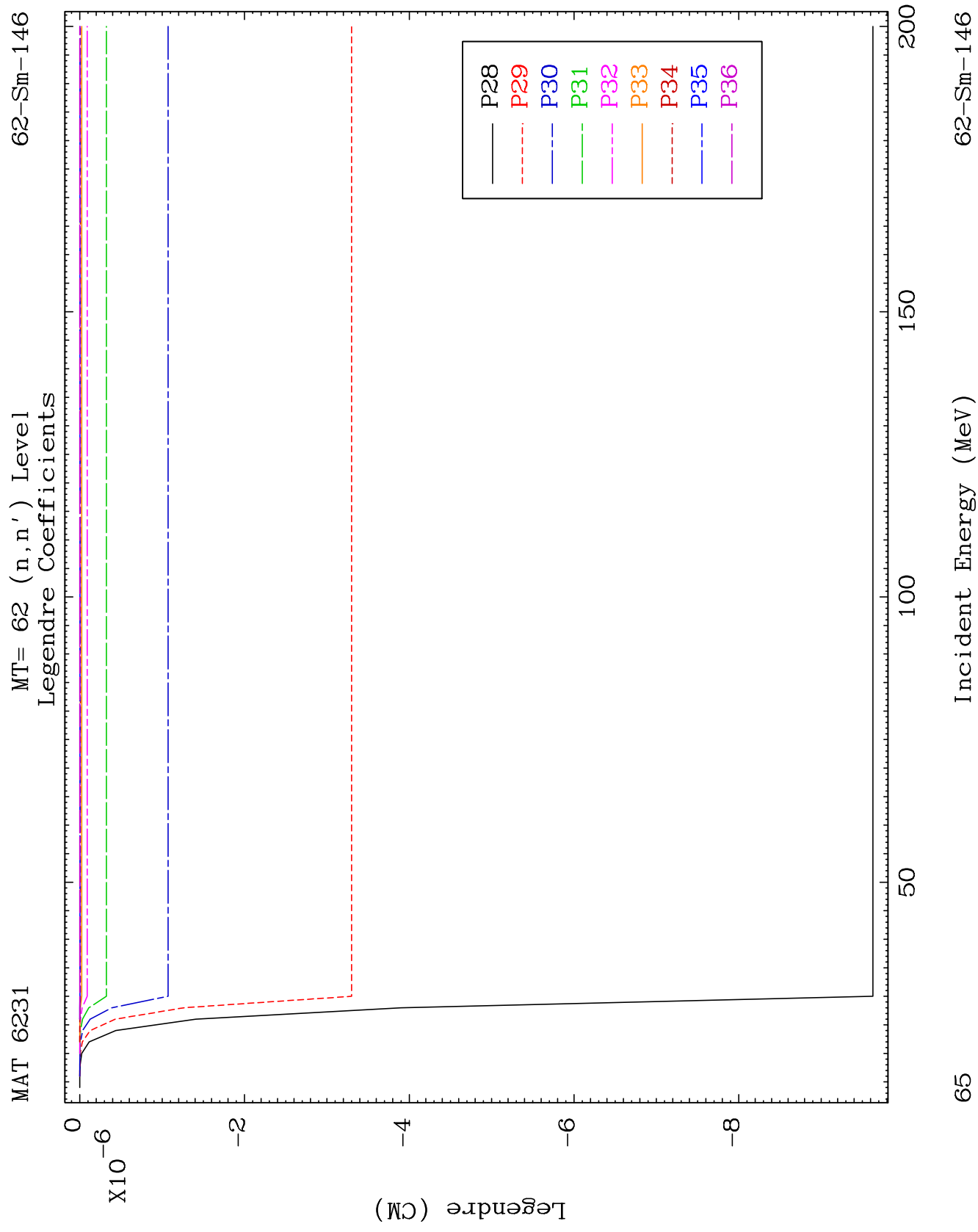
MT= 61 (n, n') Level
Legendre Coefficients

62-Sm-146





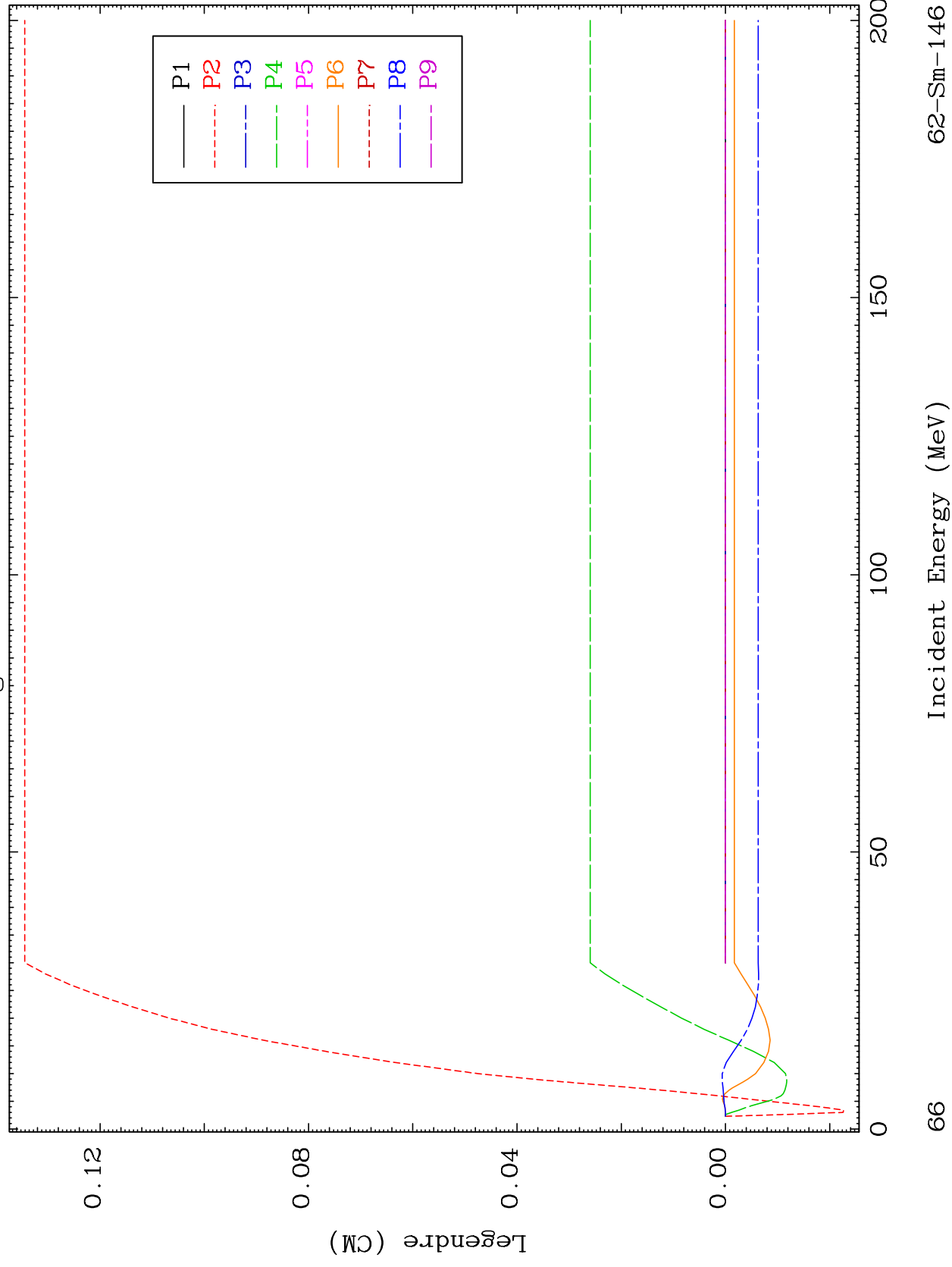


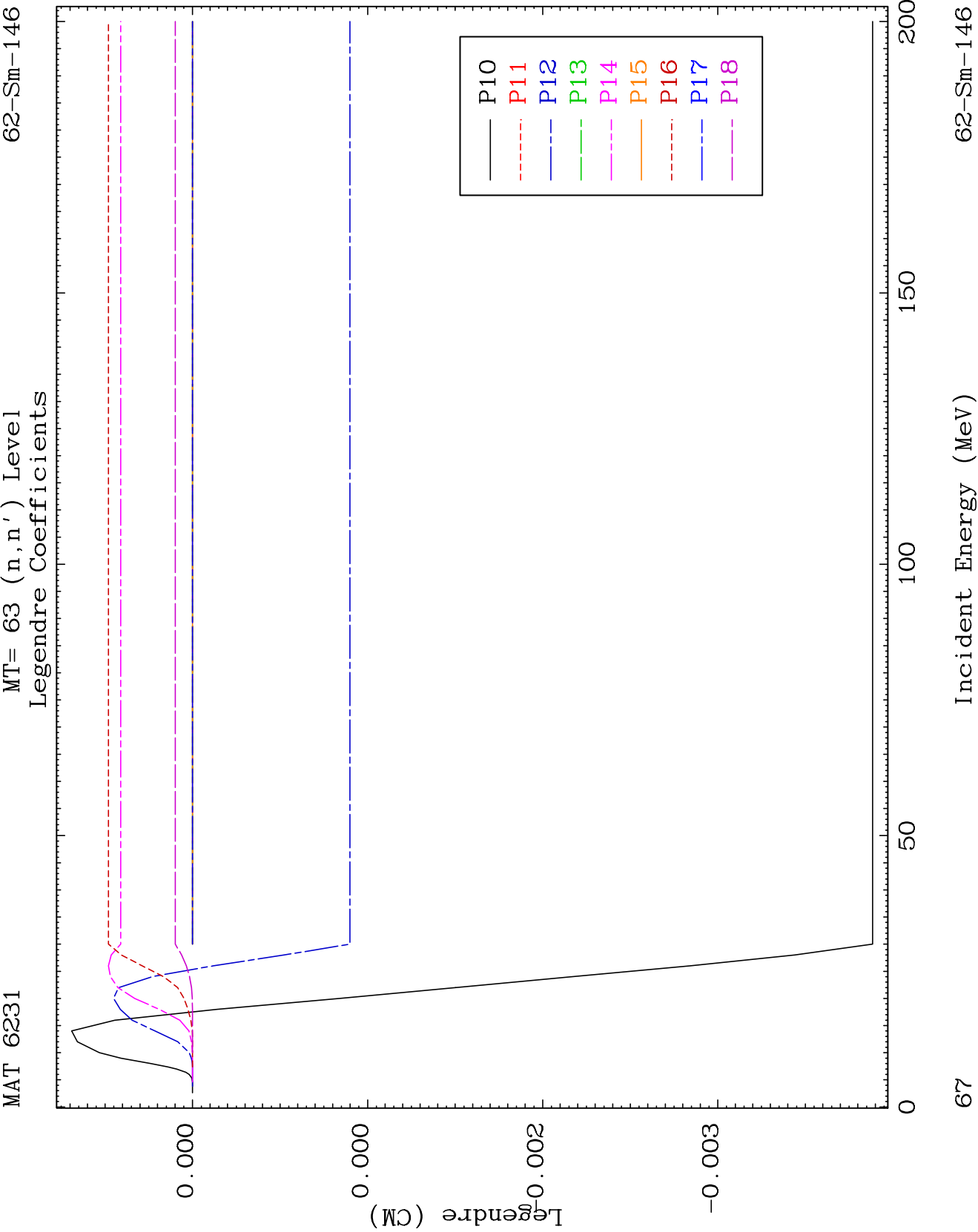


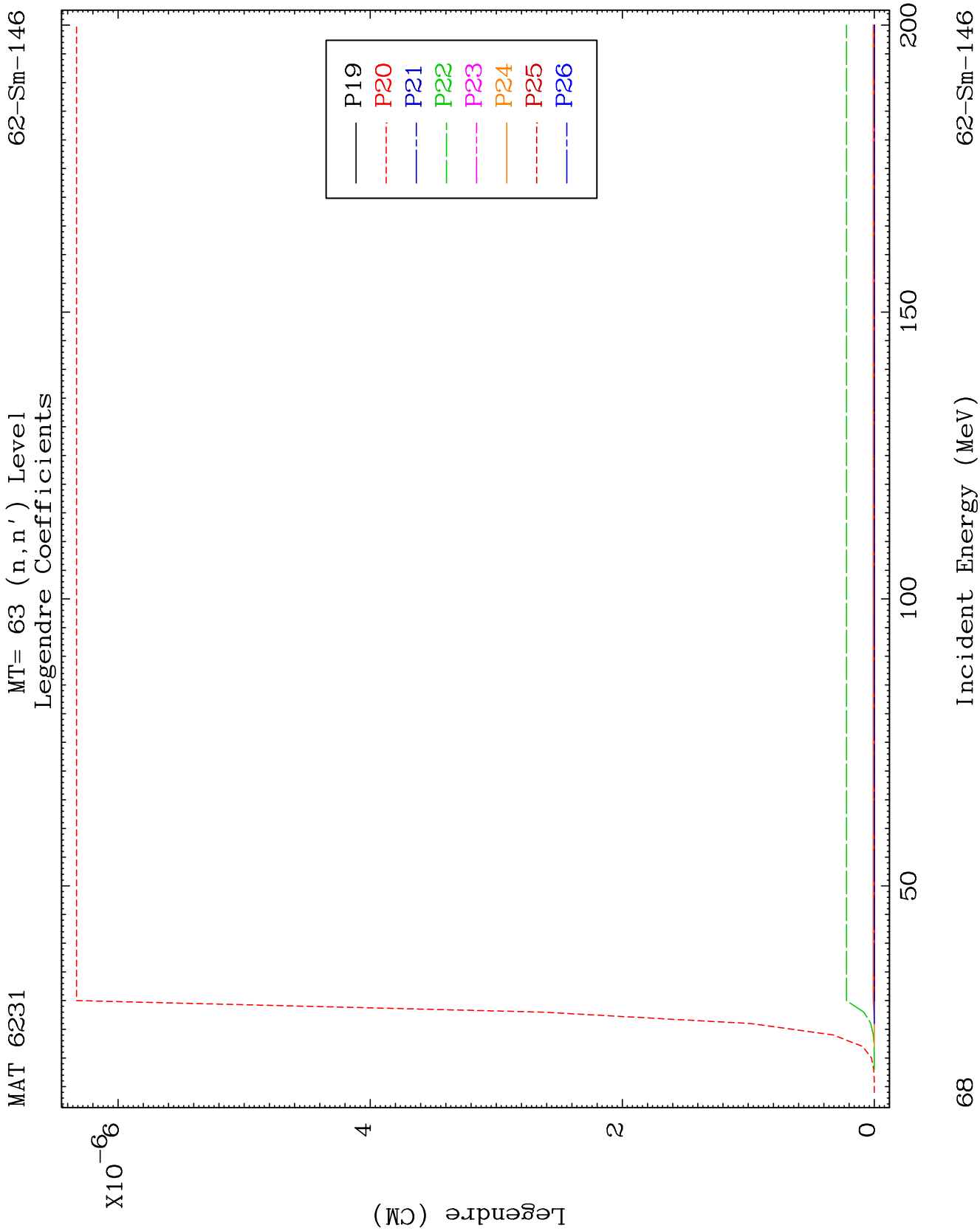
MAT 6231

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

62-Sm-146



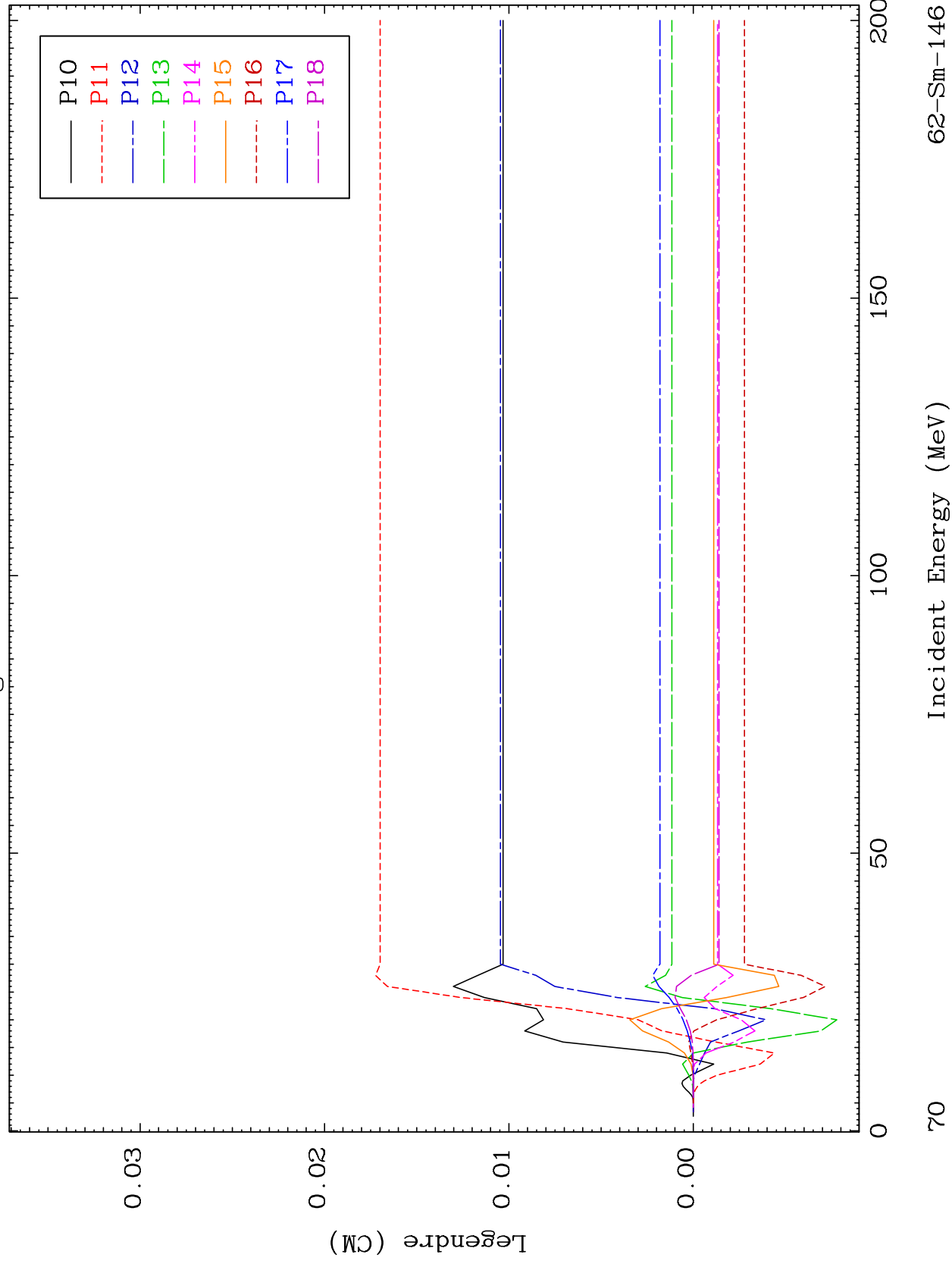


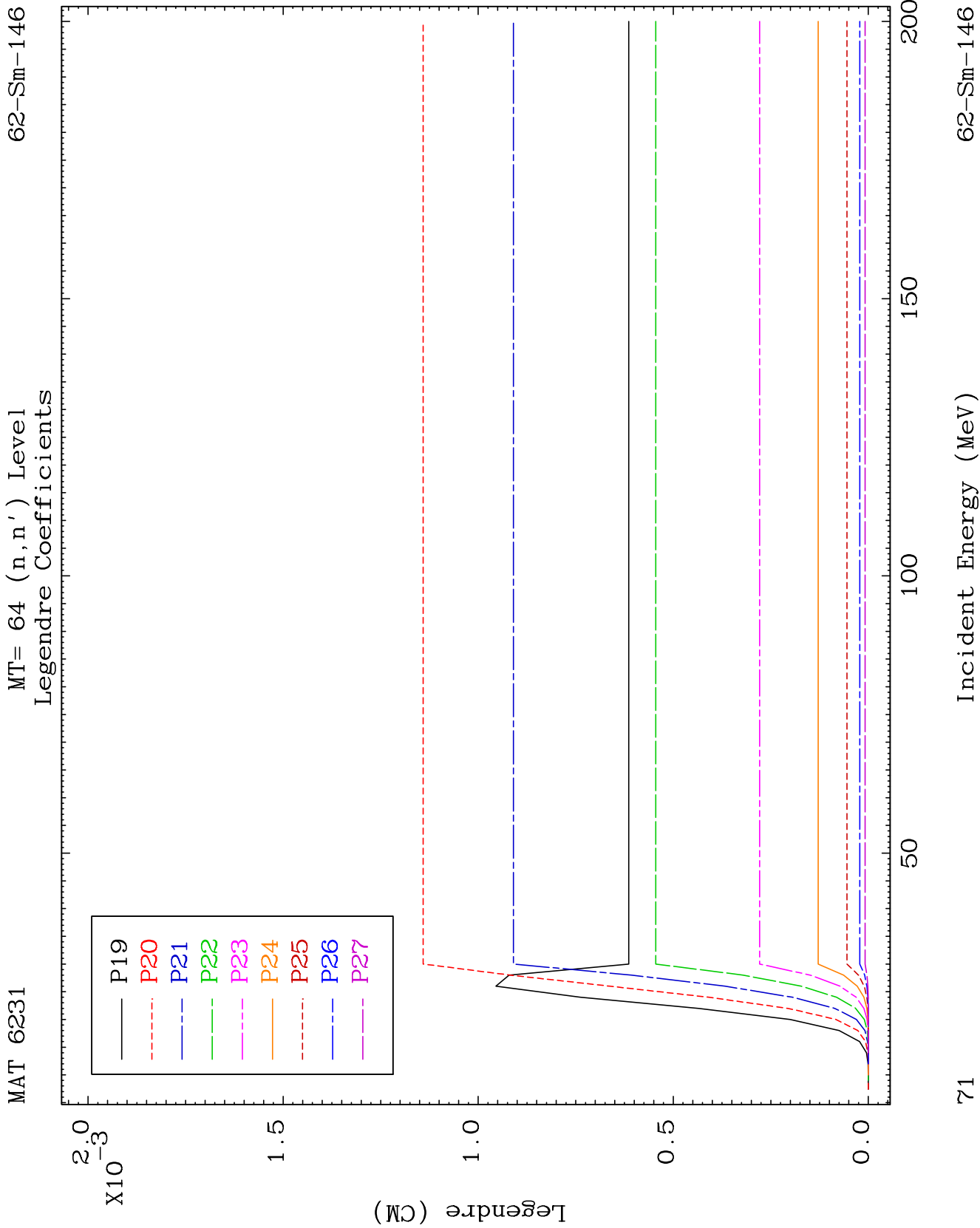


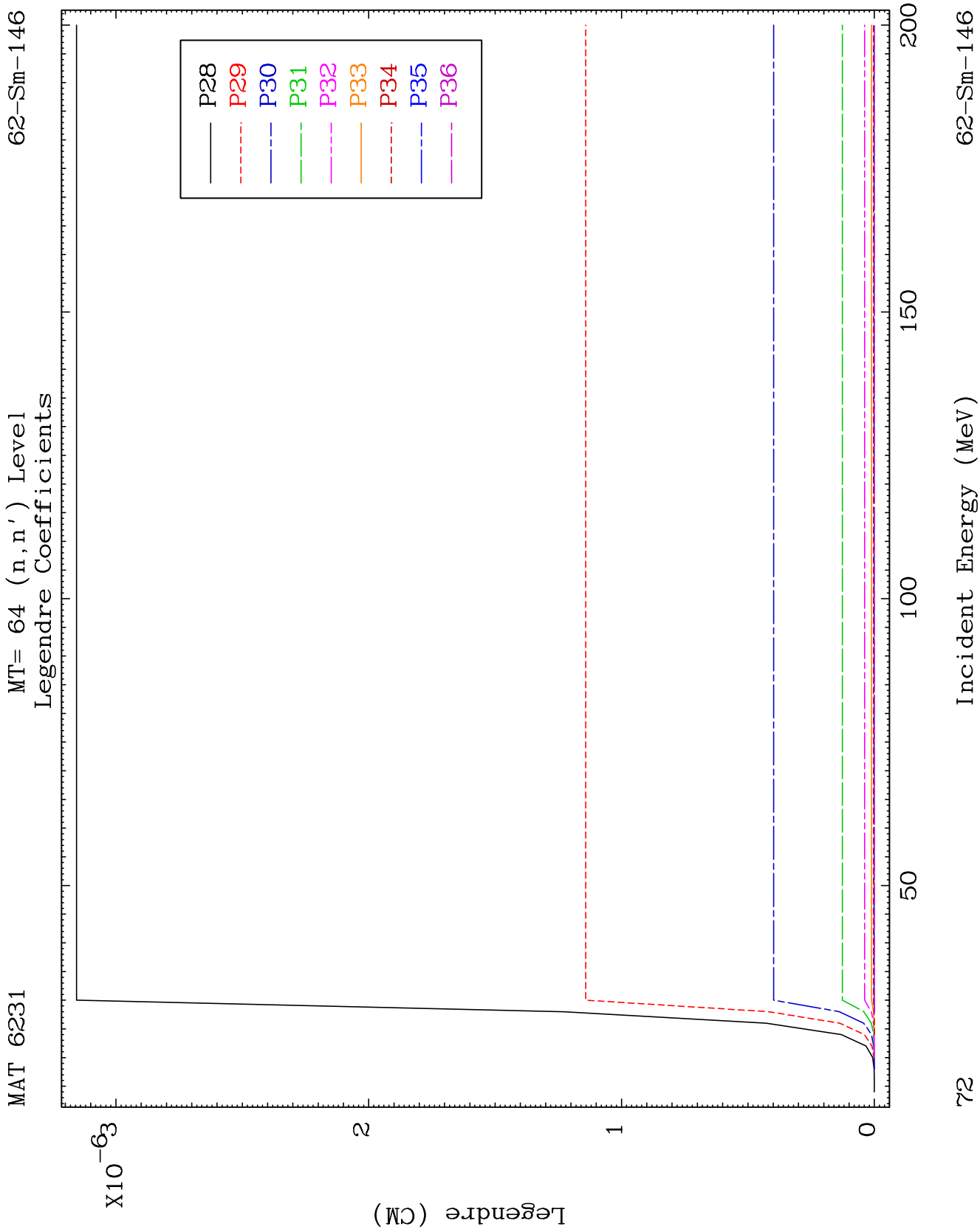
MAT 6231

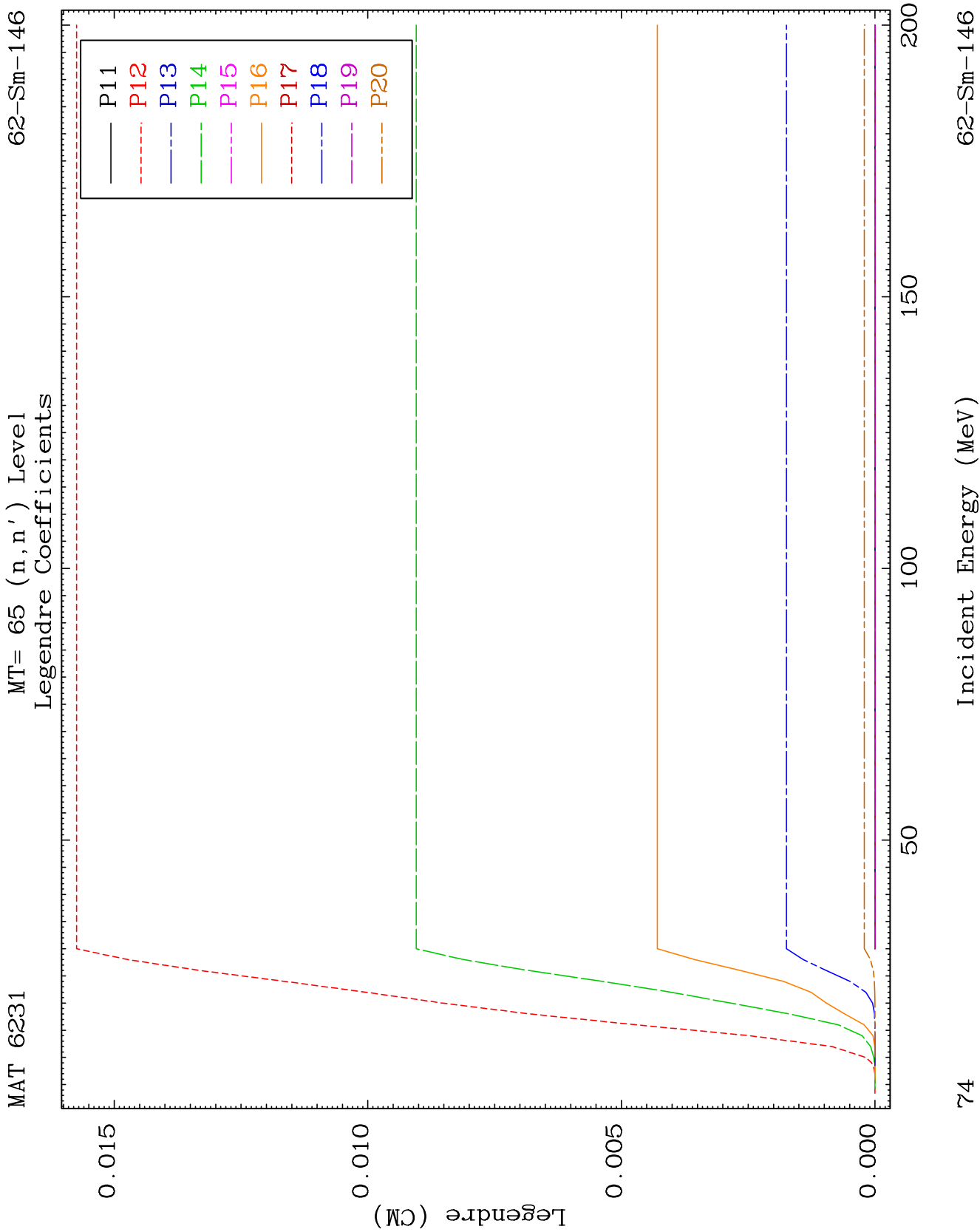
MT= 64 (n, n') Level
Legendre Coefficients

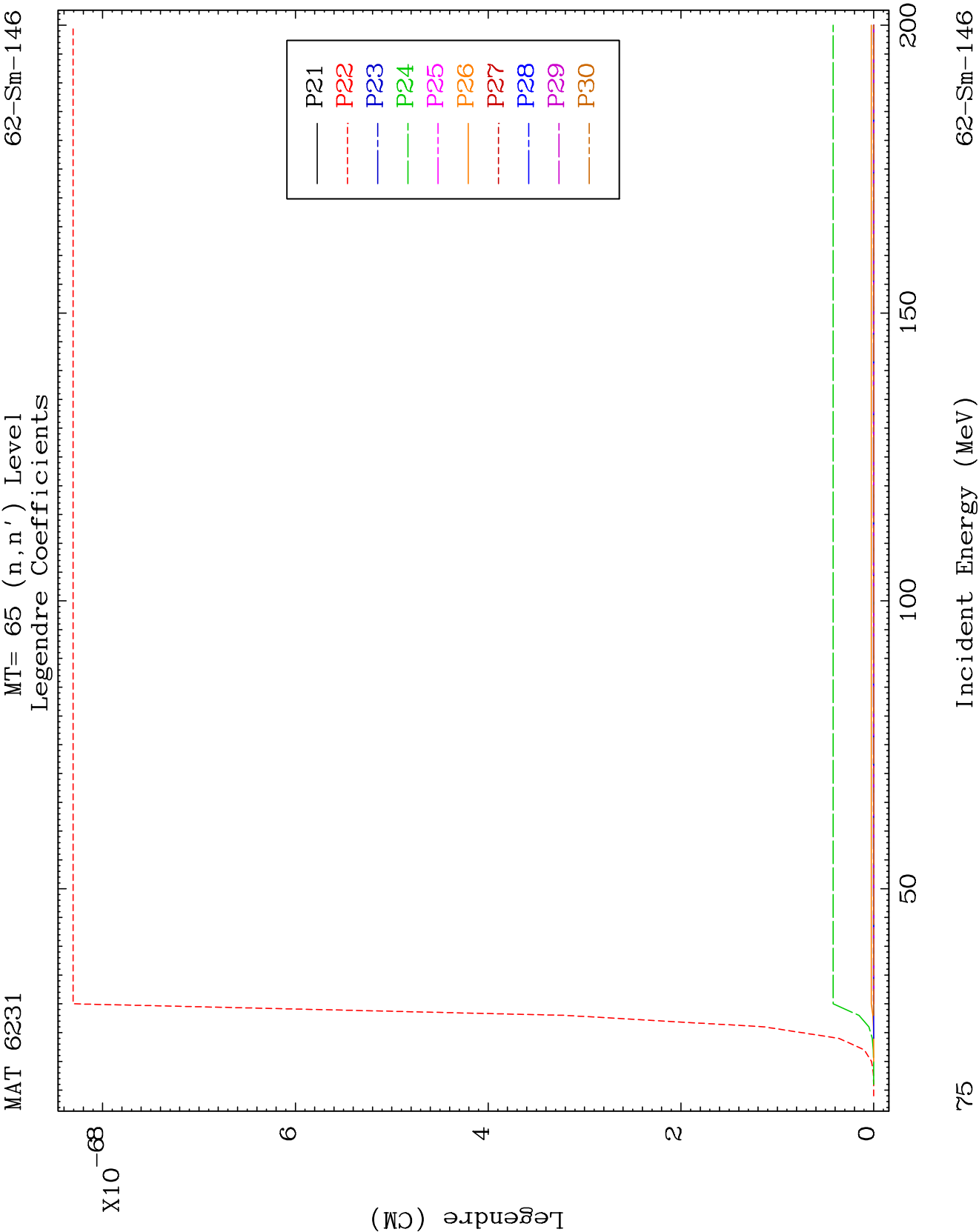
62-Sm-146

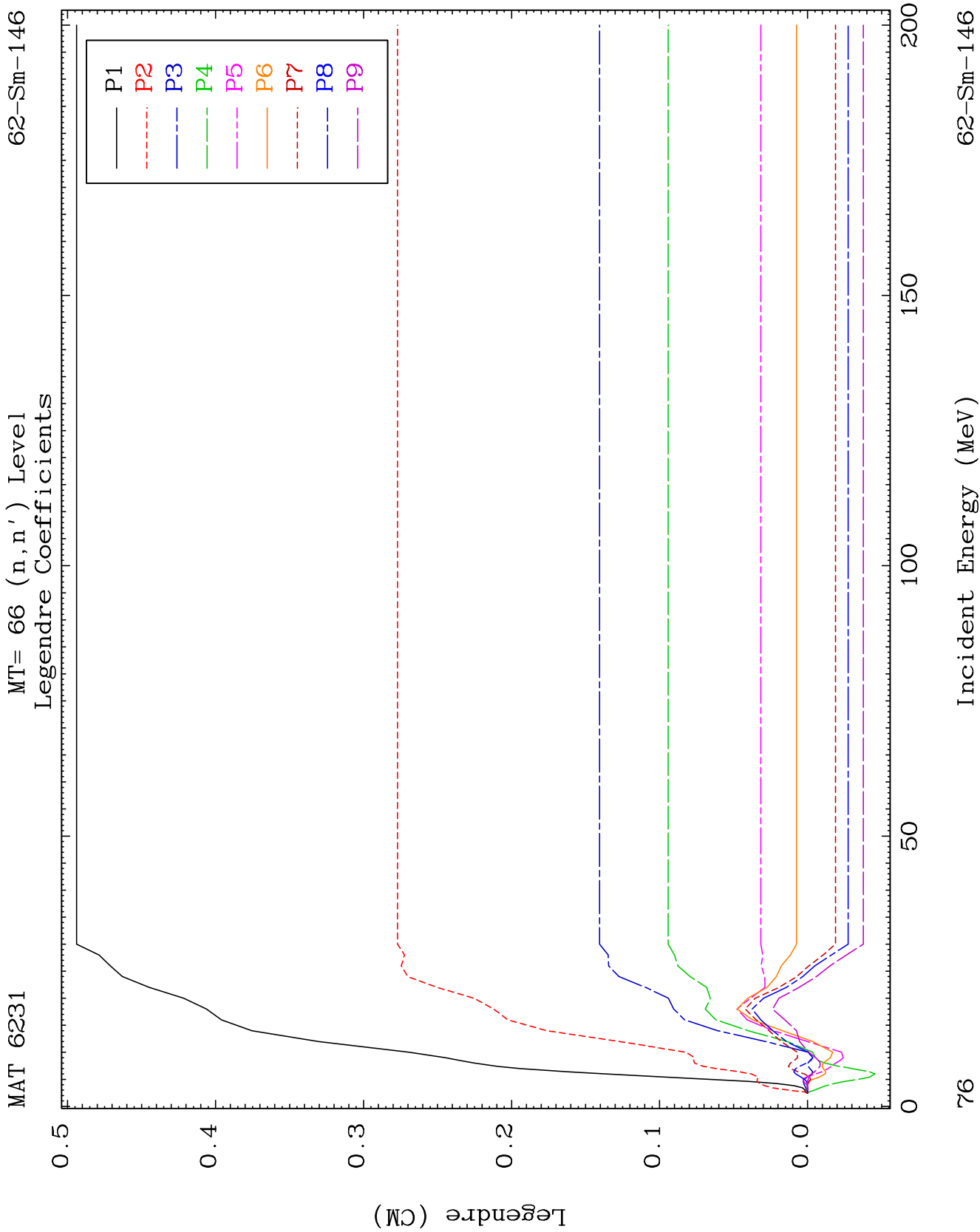


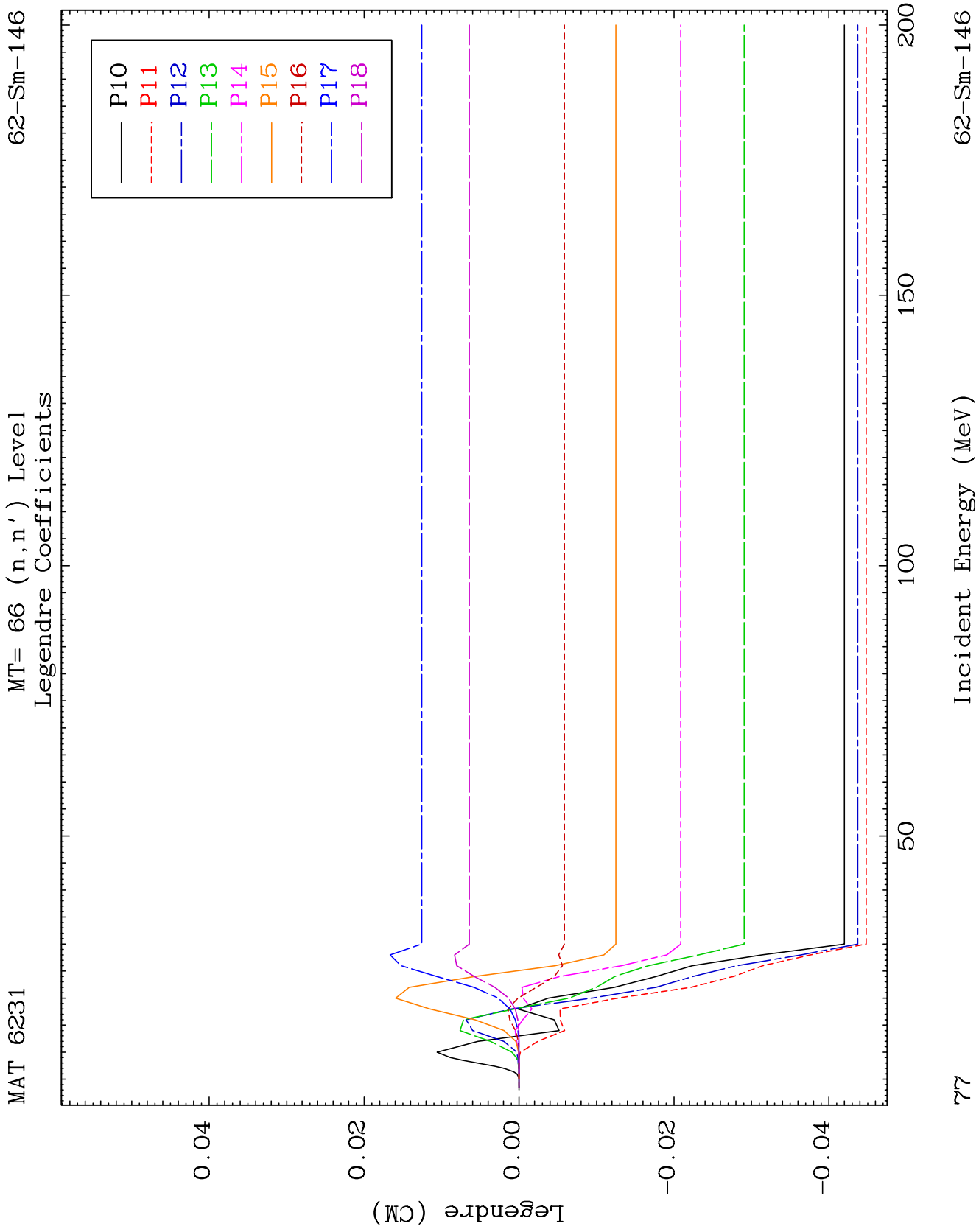


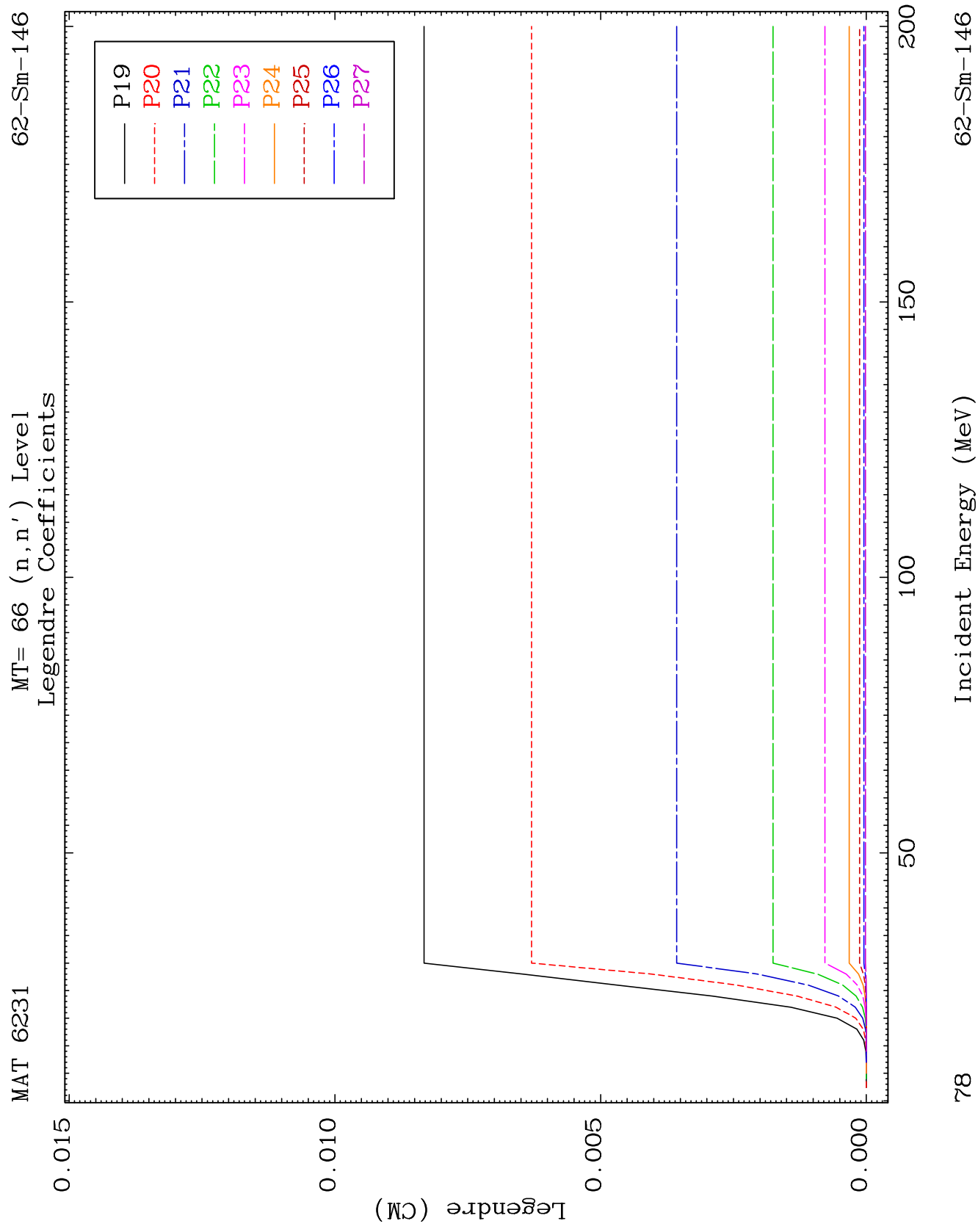


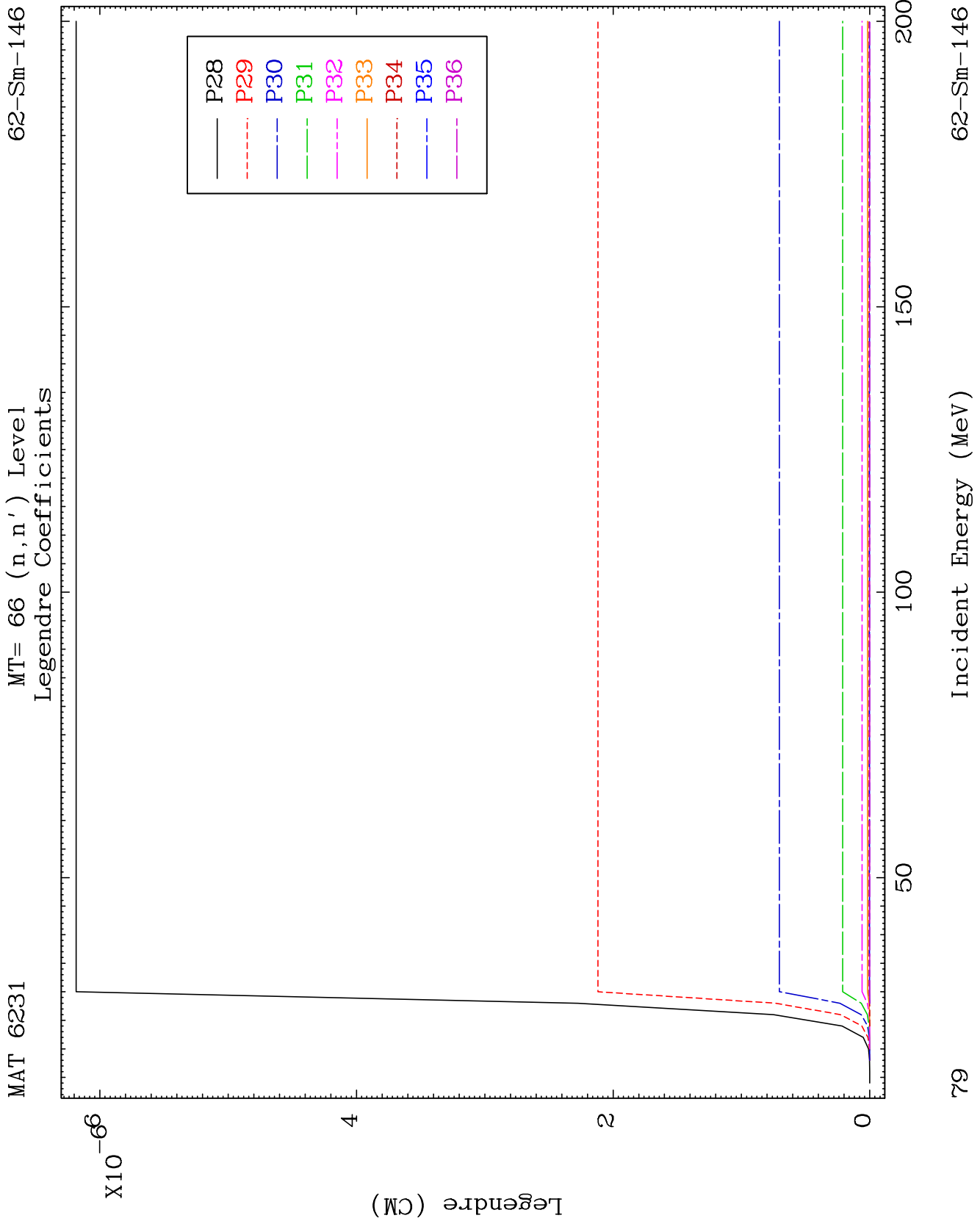








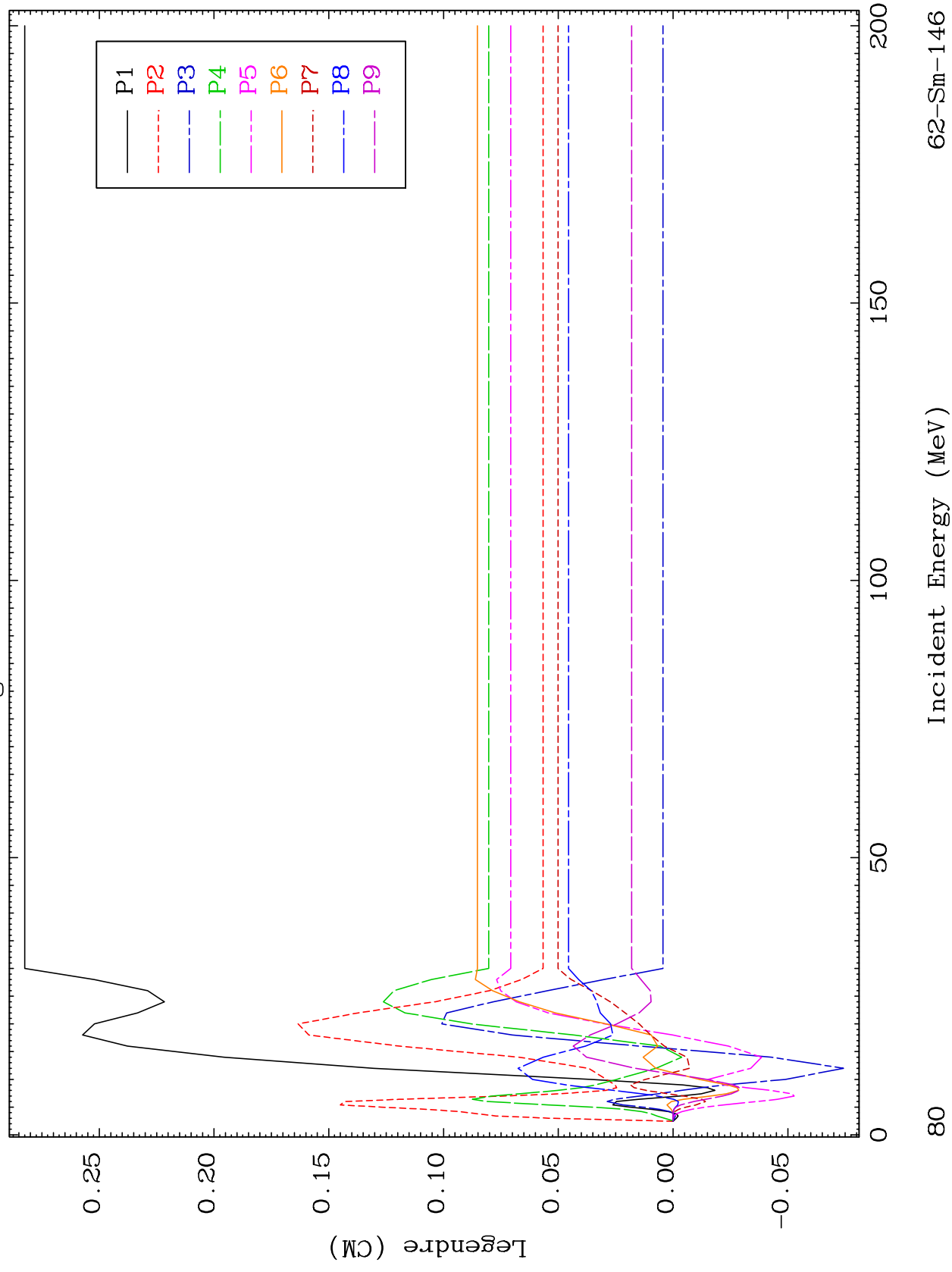




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MT= 67 (n, n') Level
Legendre Coefficients

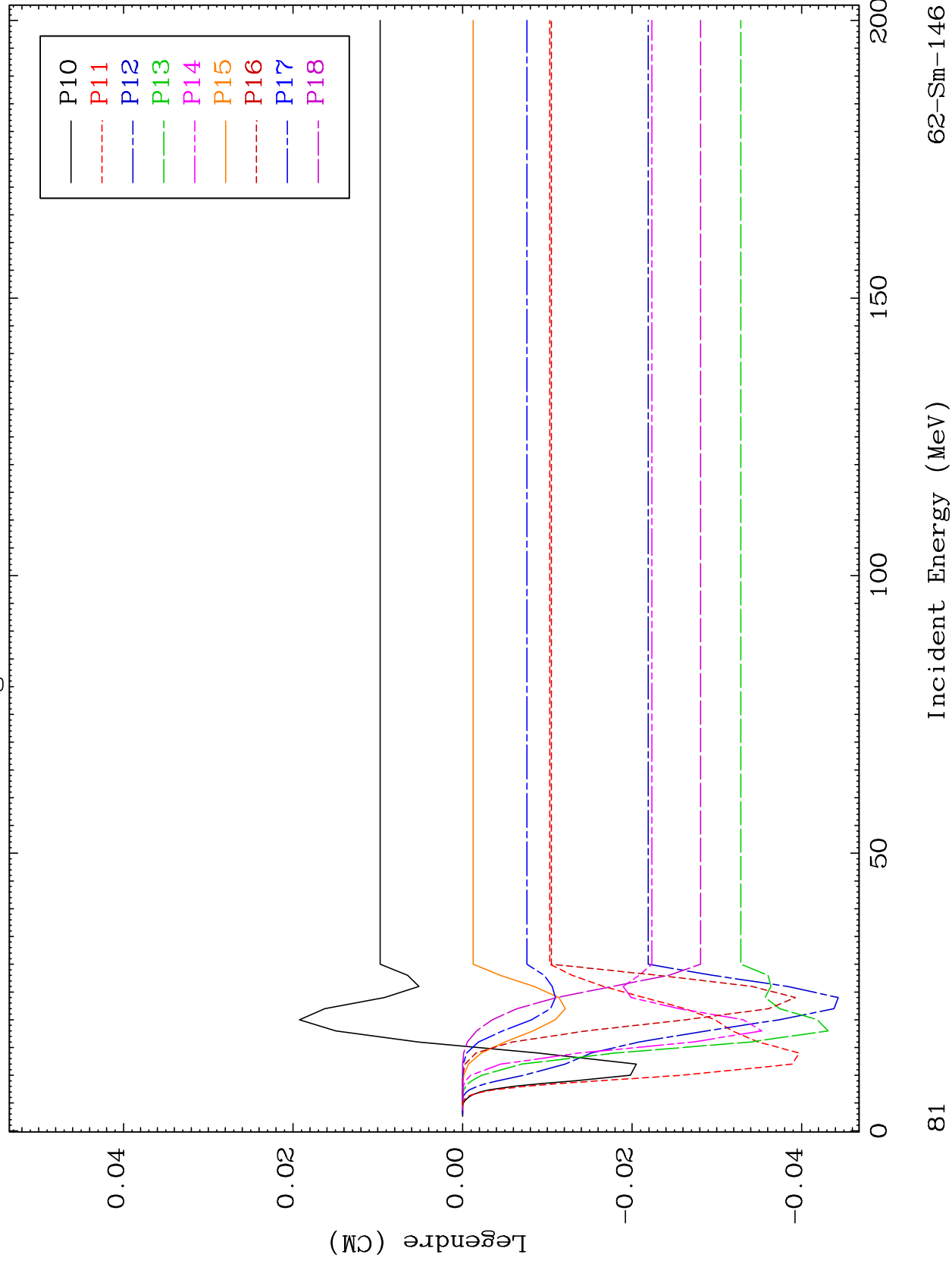
62-Sm-146

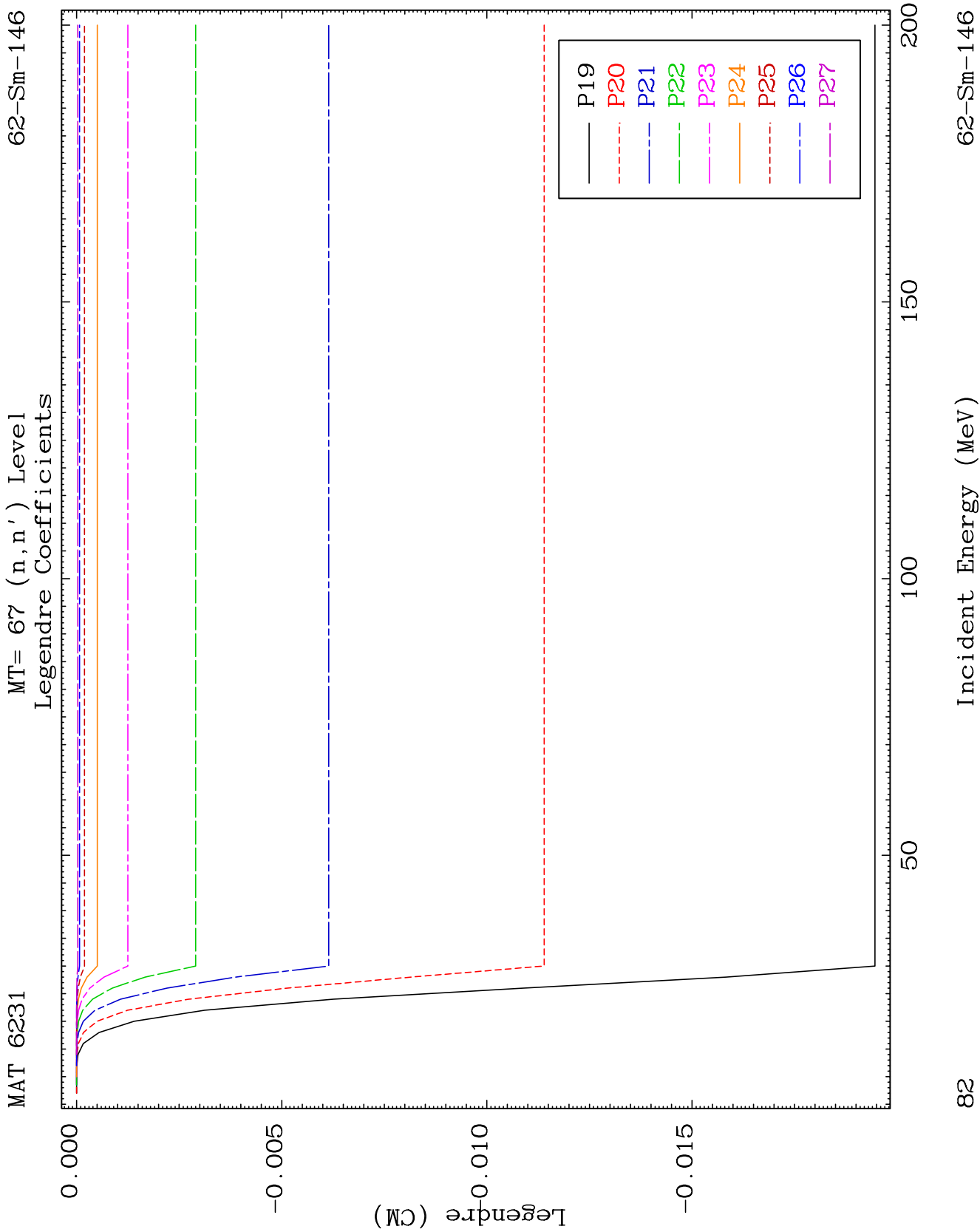


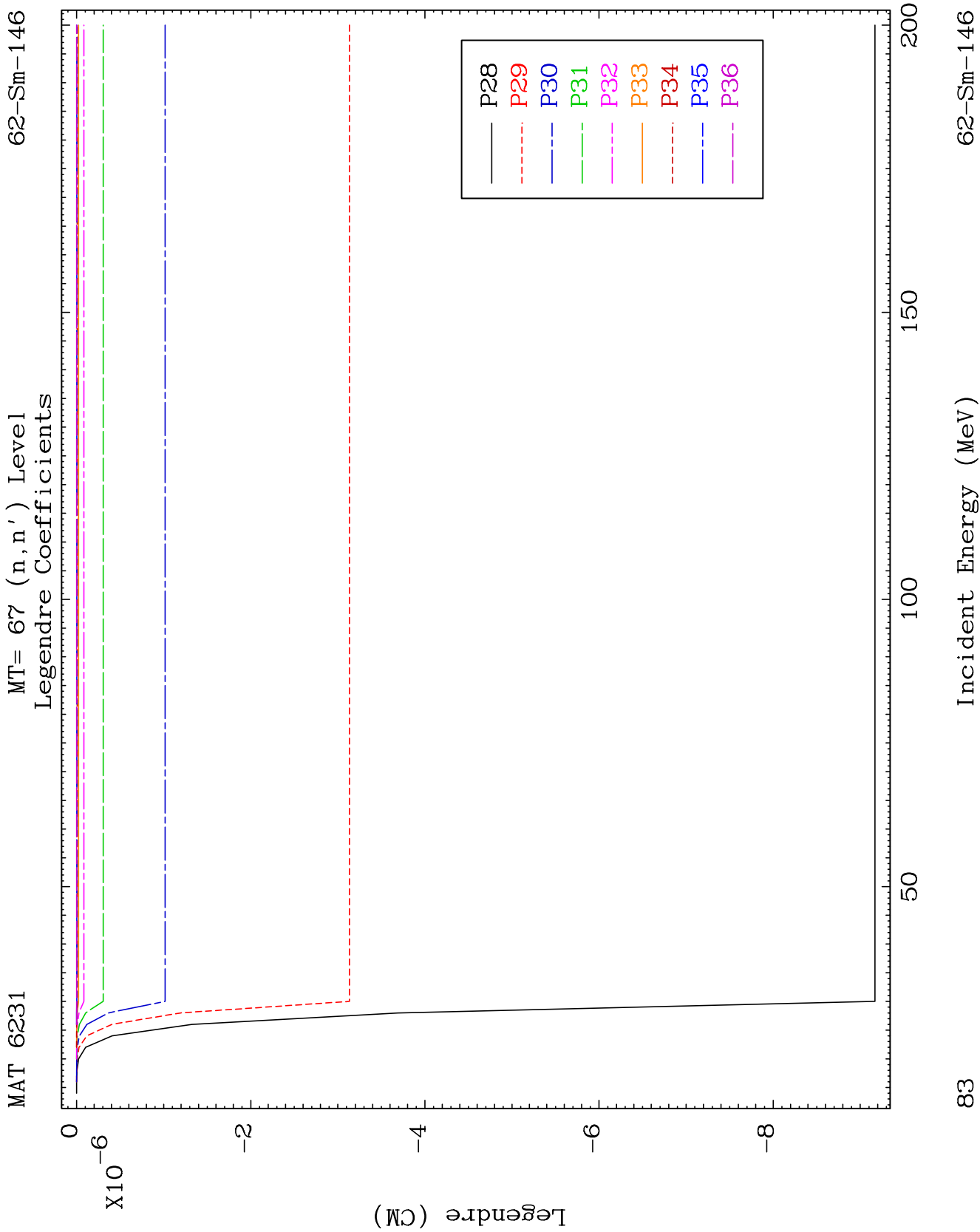
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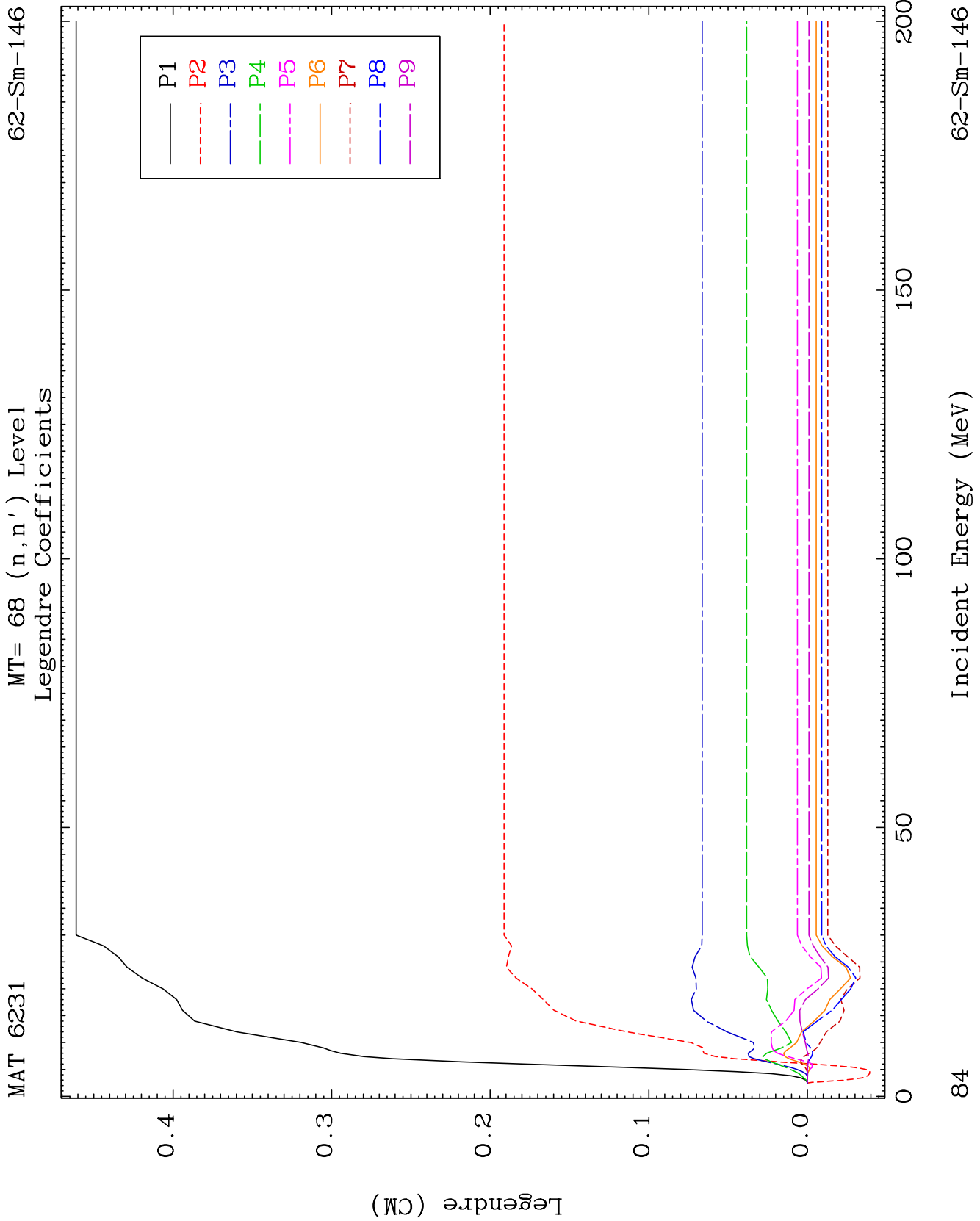
MT= 67 (n, n') Level
Legendre Coefficients

62-Sm-146





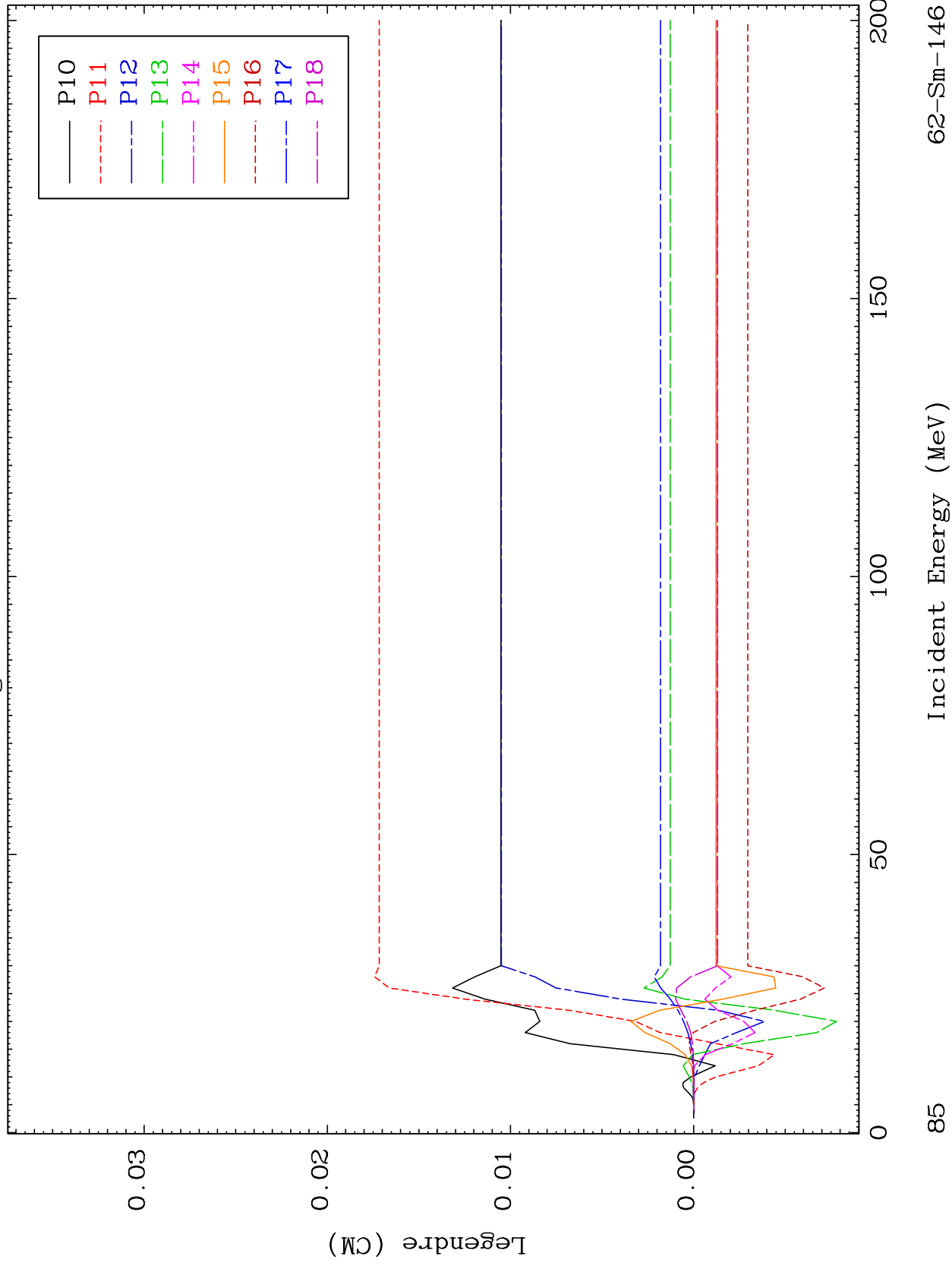


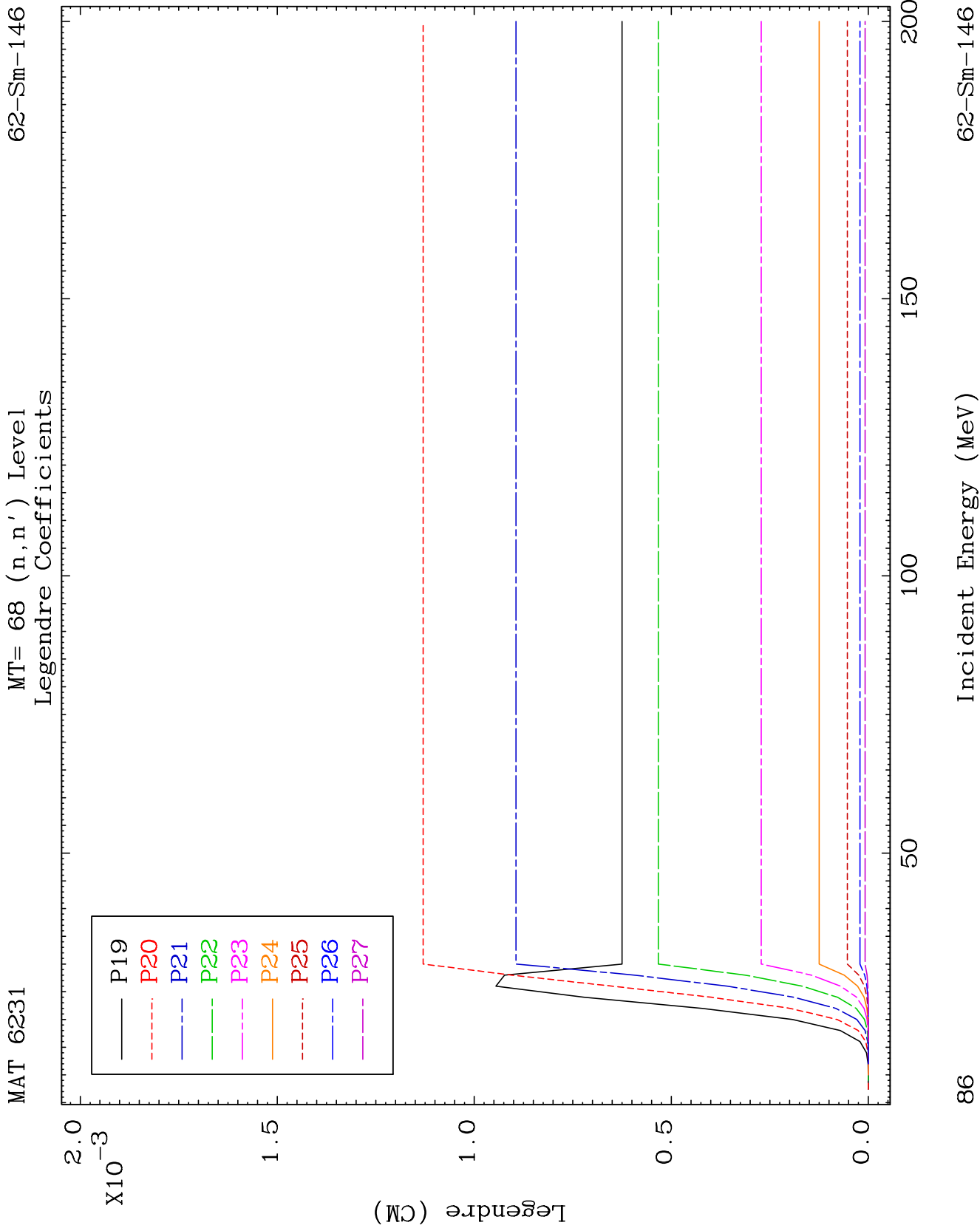


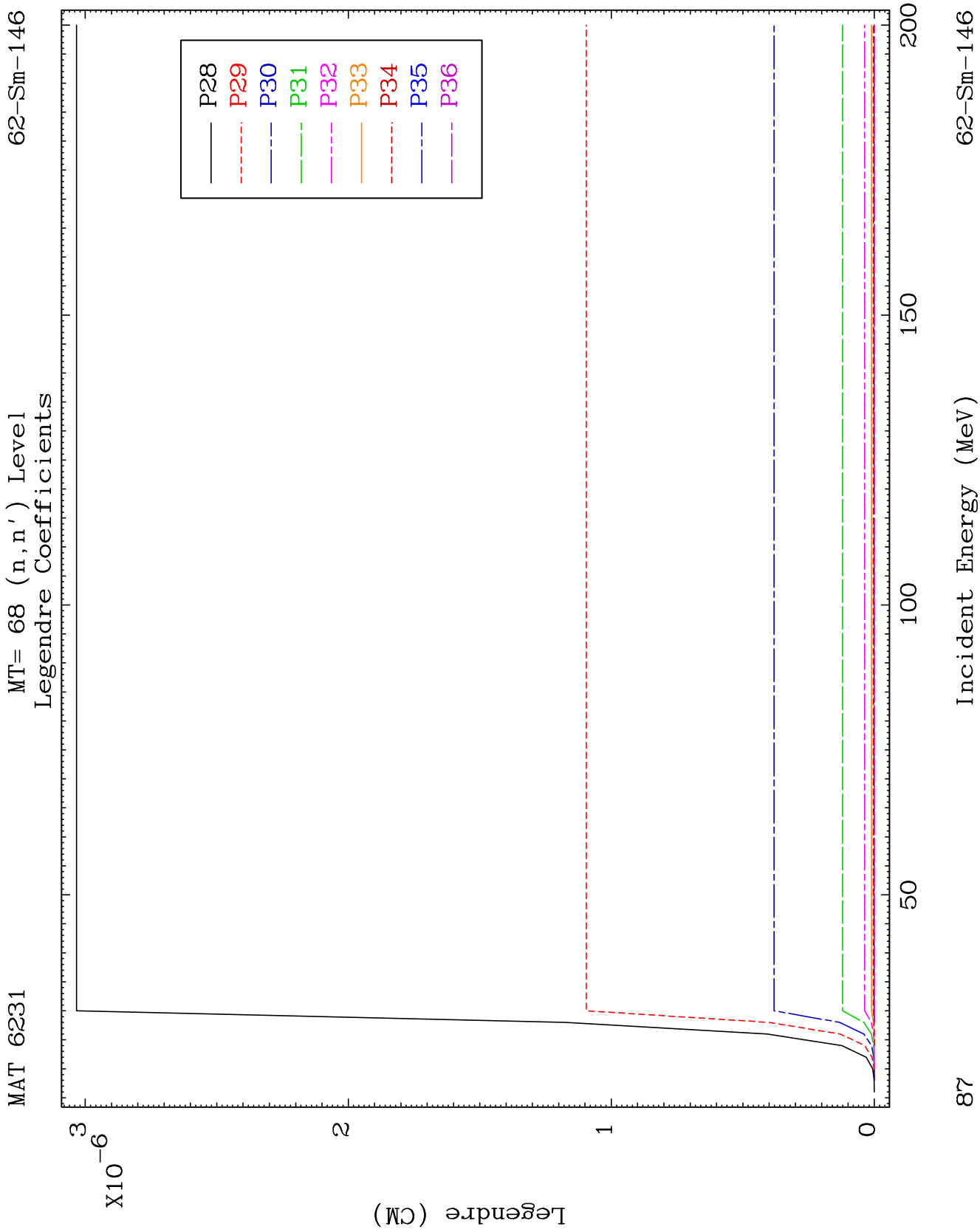
MAT 6231

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

62-Sm-146



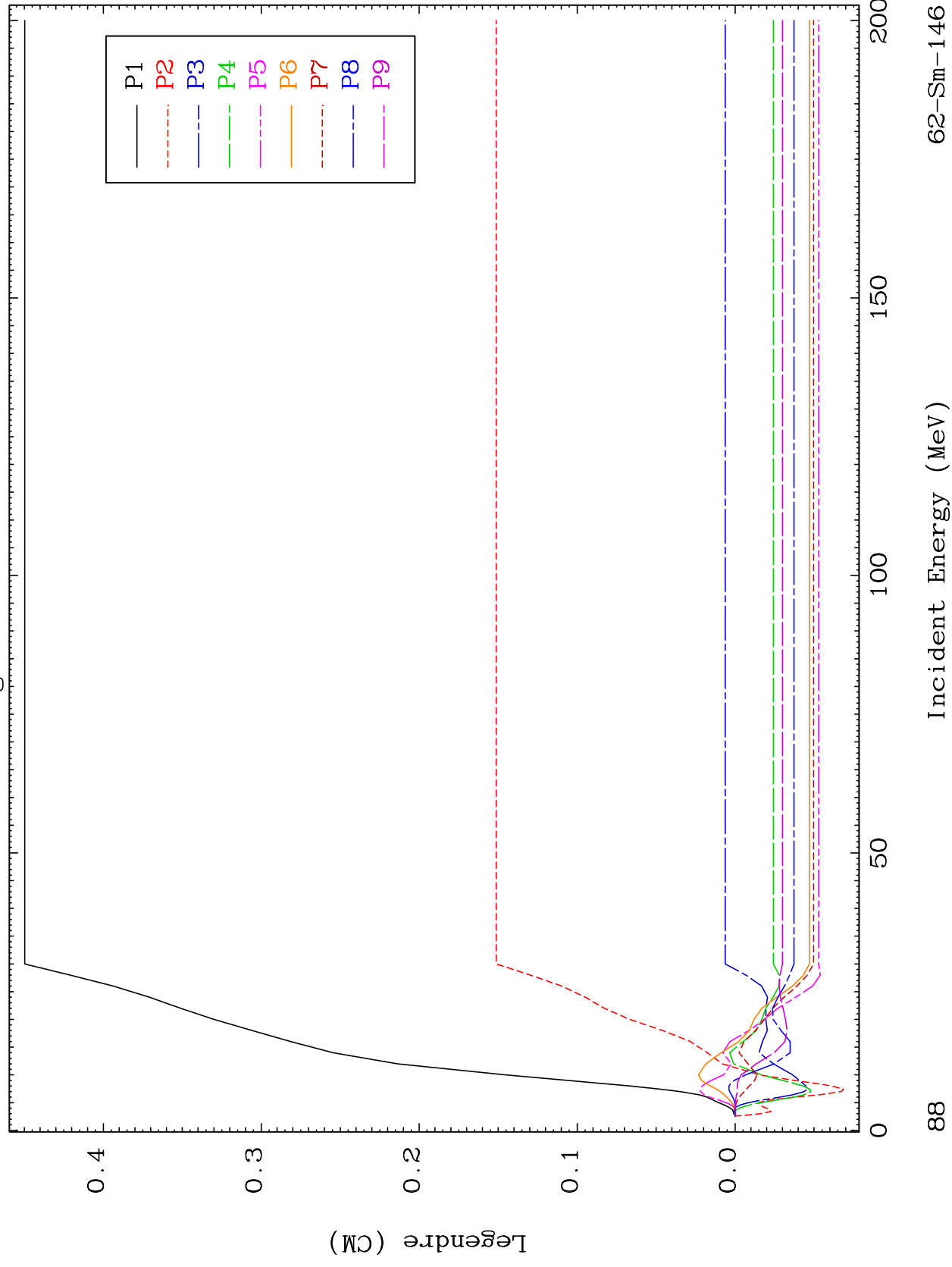




MAT 6231

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

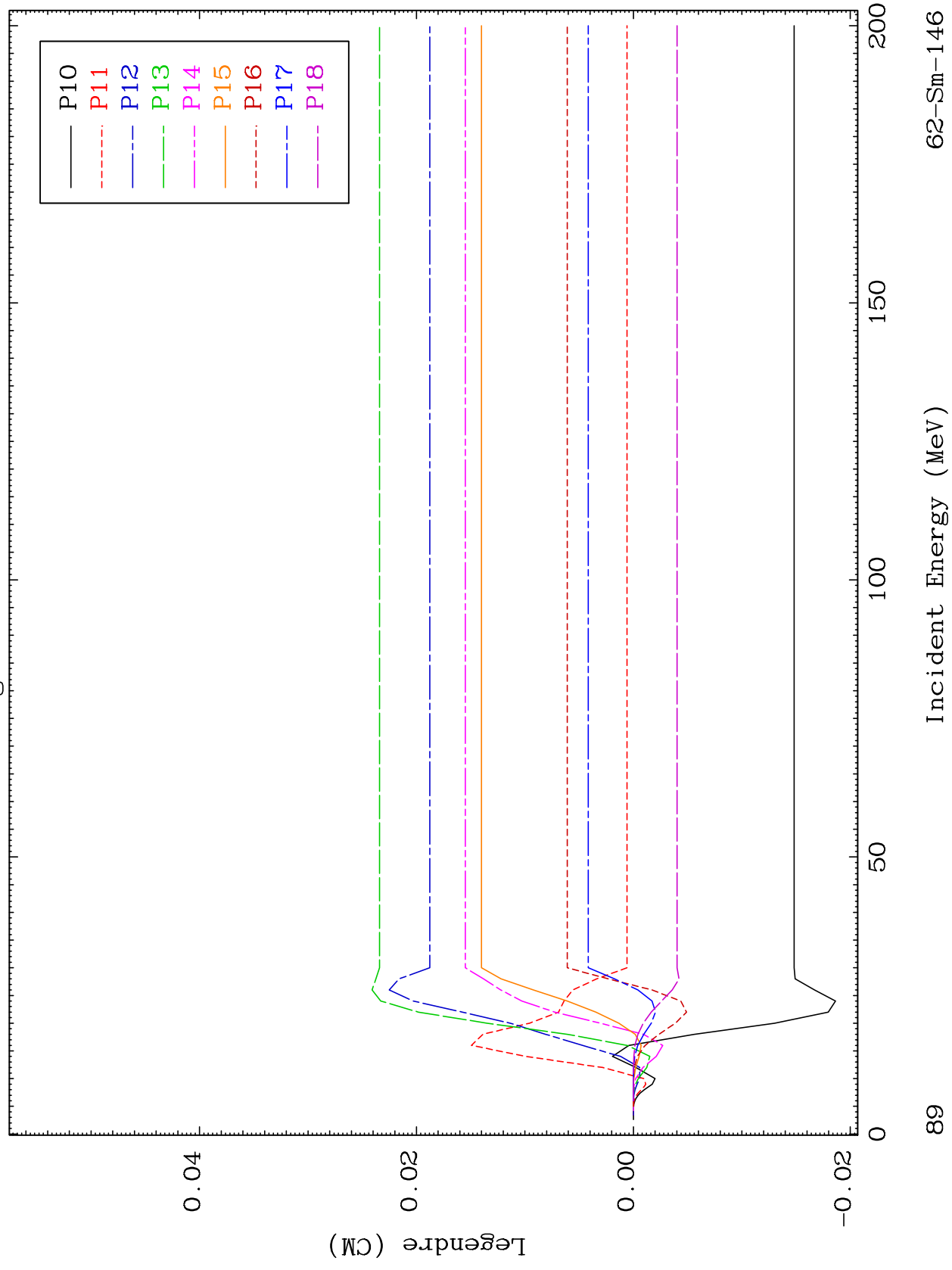
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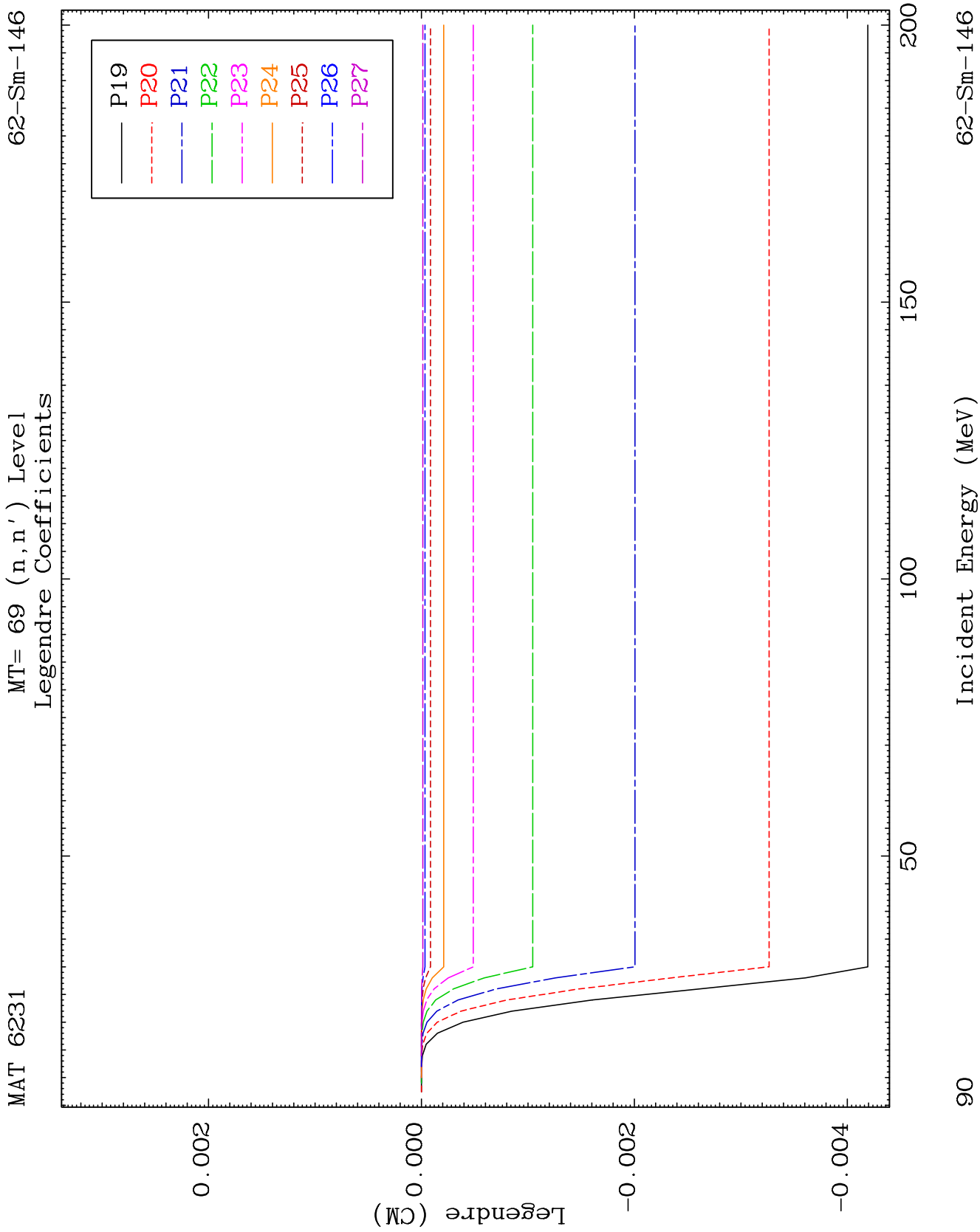


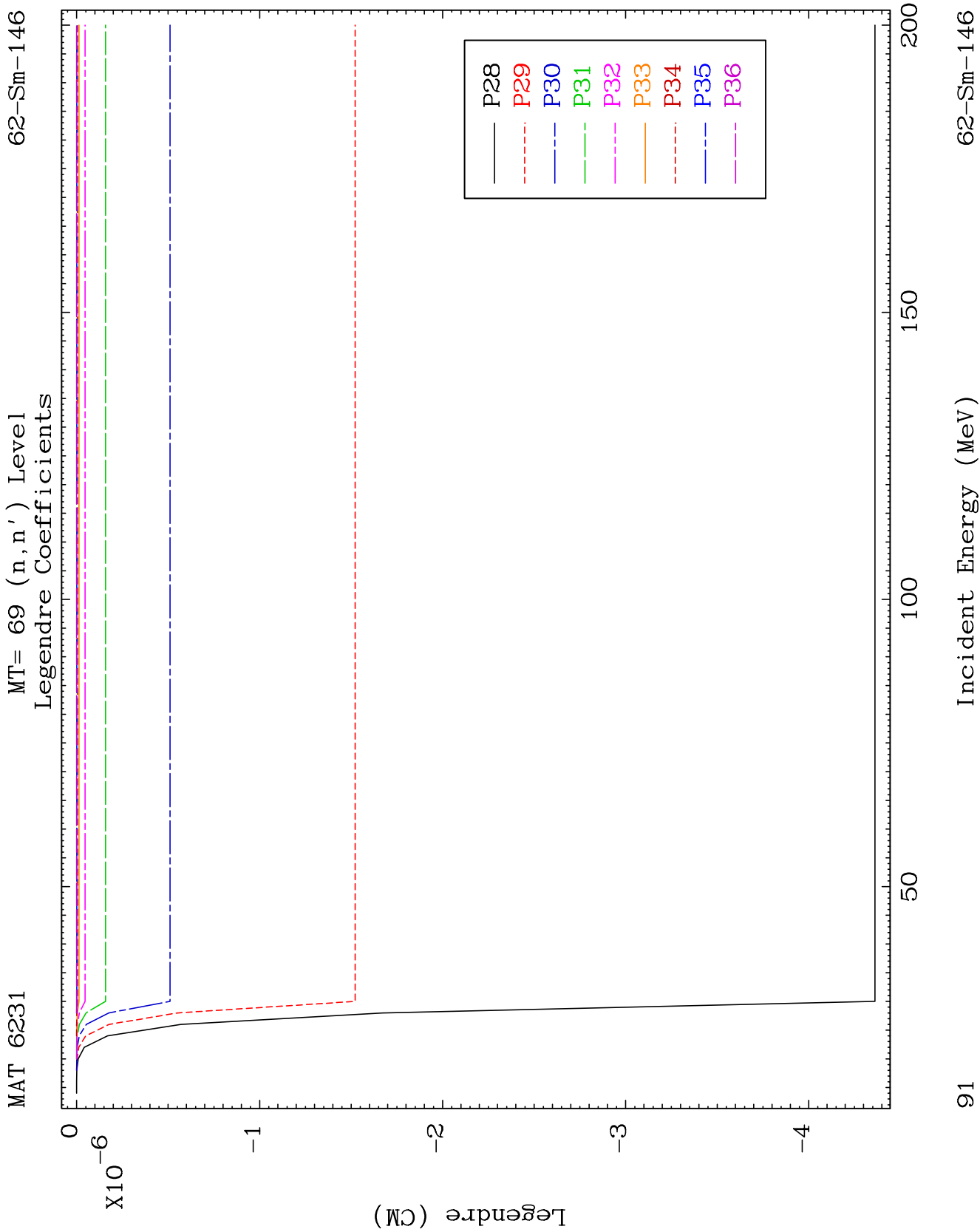
MAT 6231

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

62-Sm-146



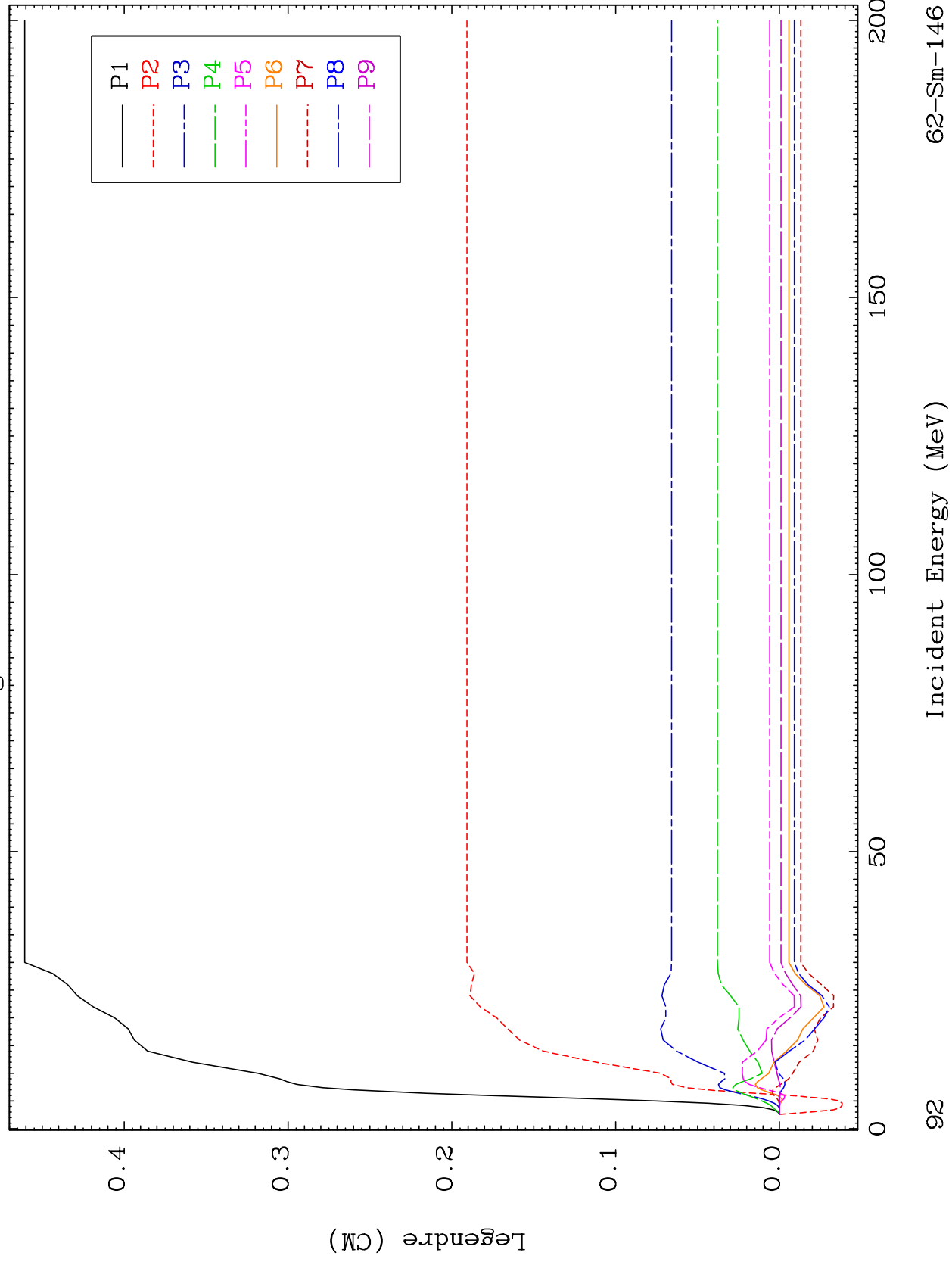


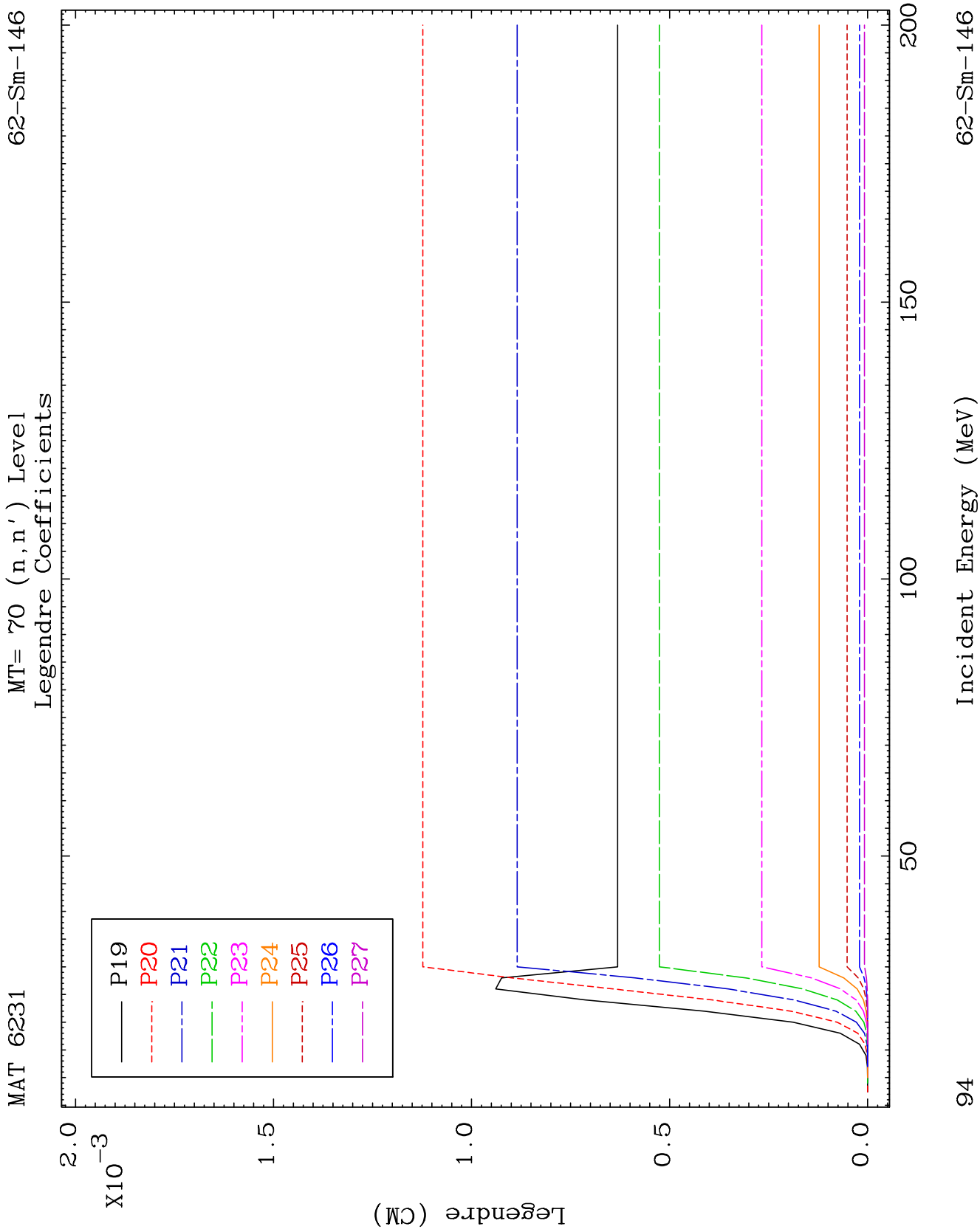


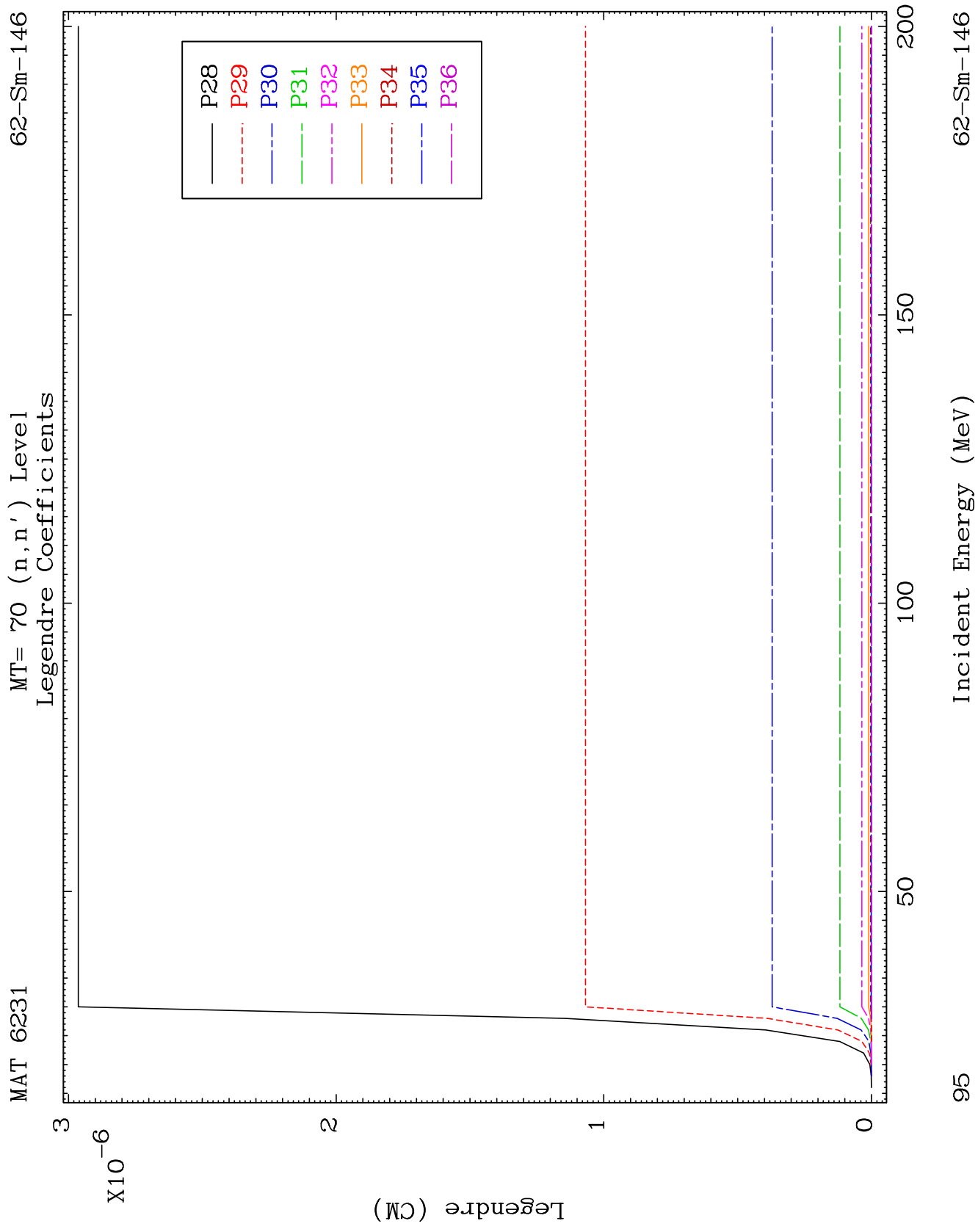
MAT 6231

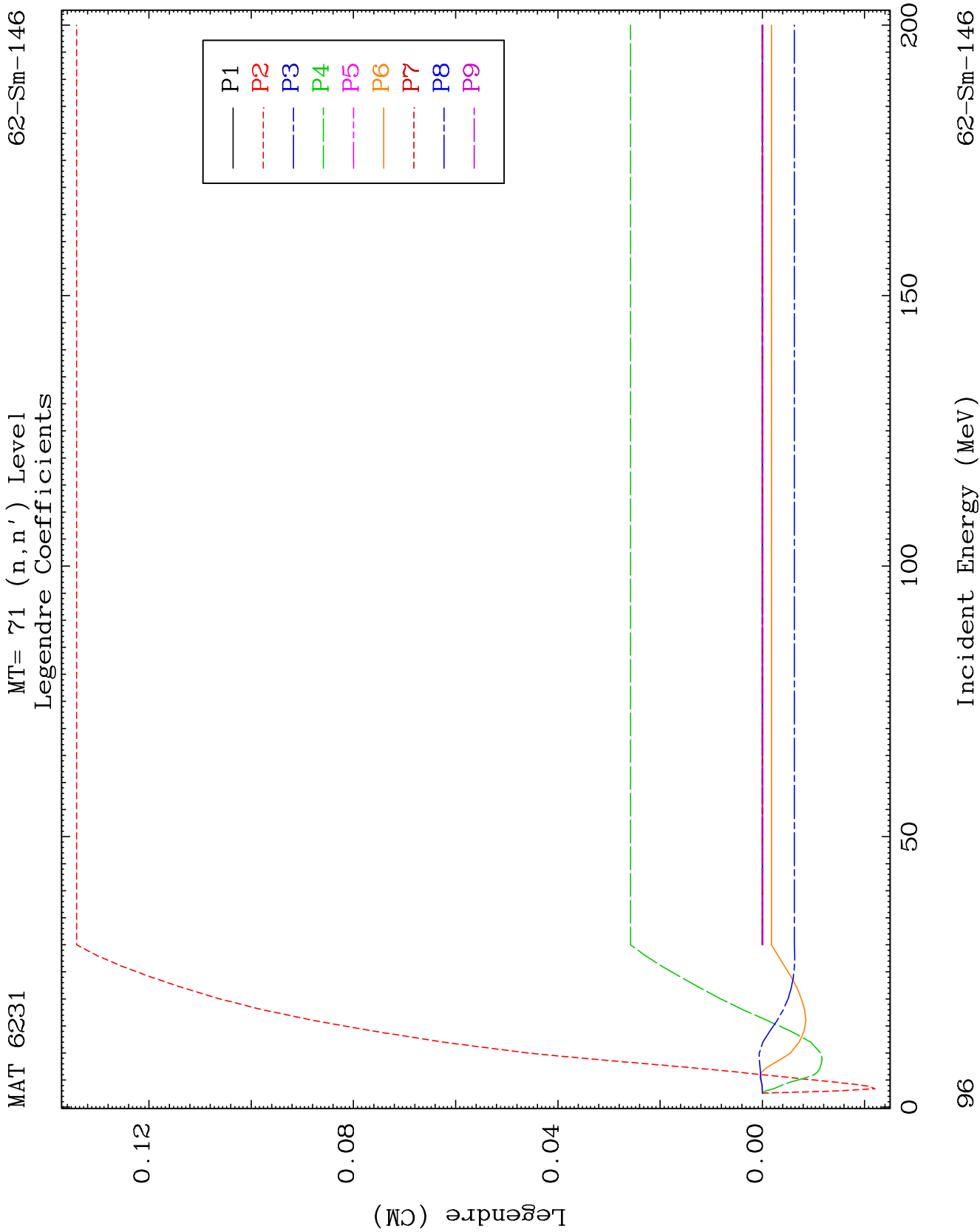
MT= 70 (n, n') Level
Legendre Coefficients

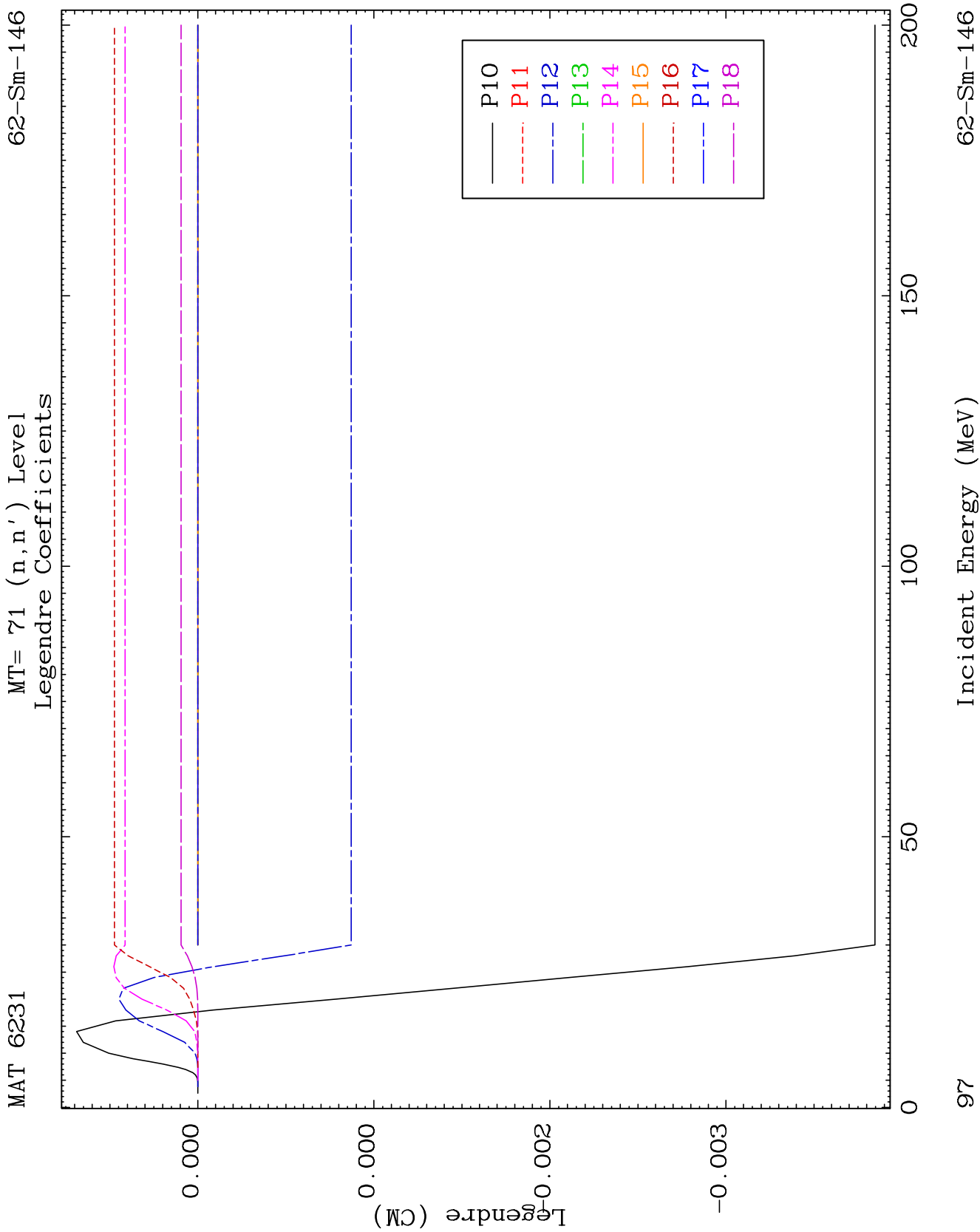
62-Sm-146

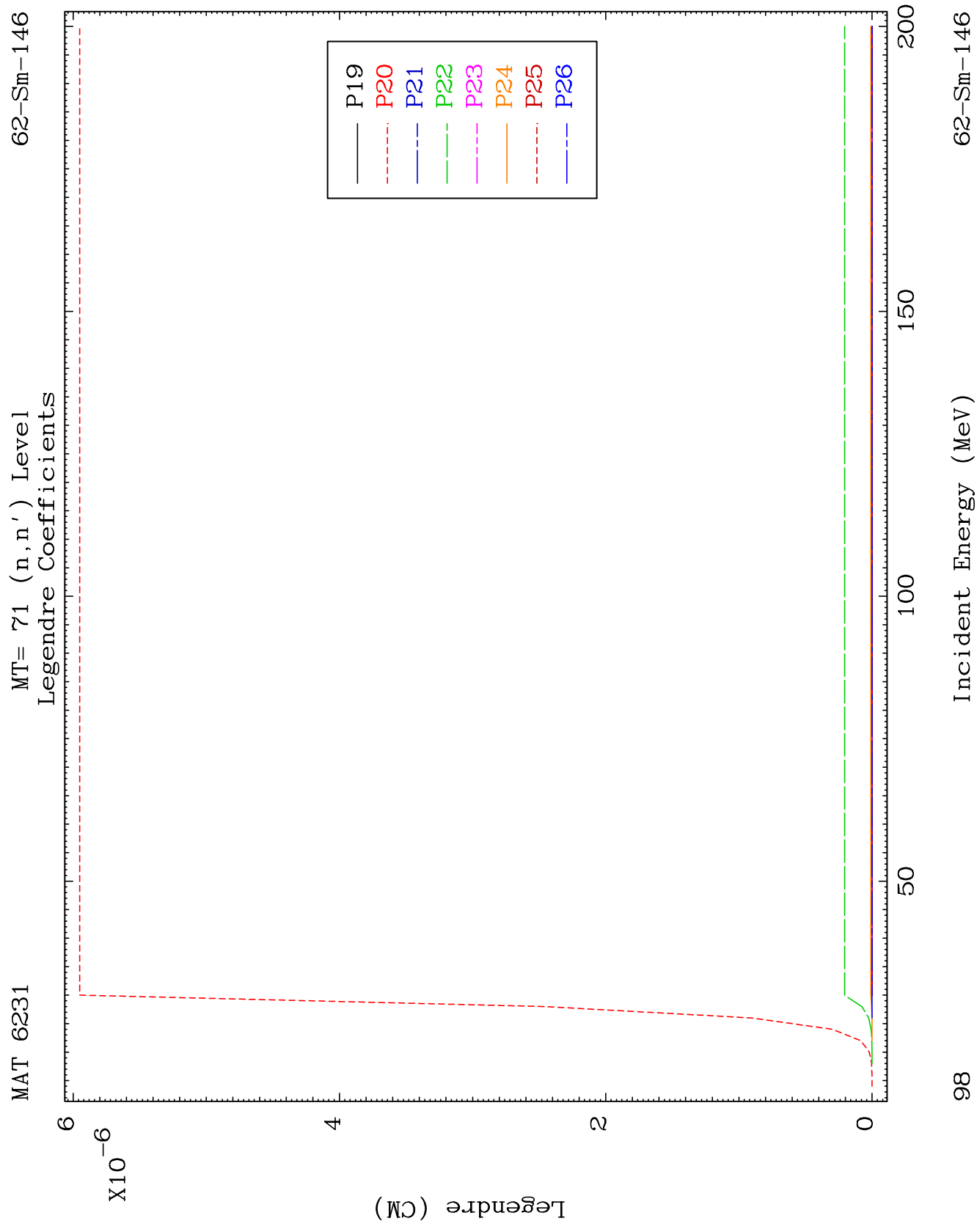


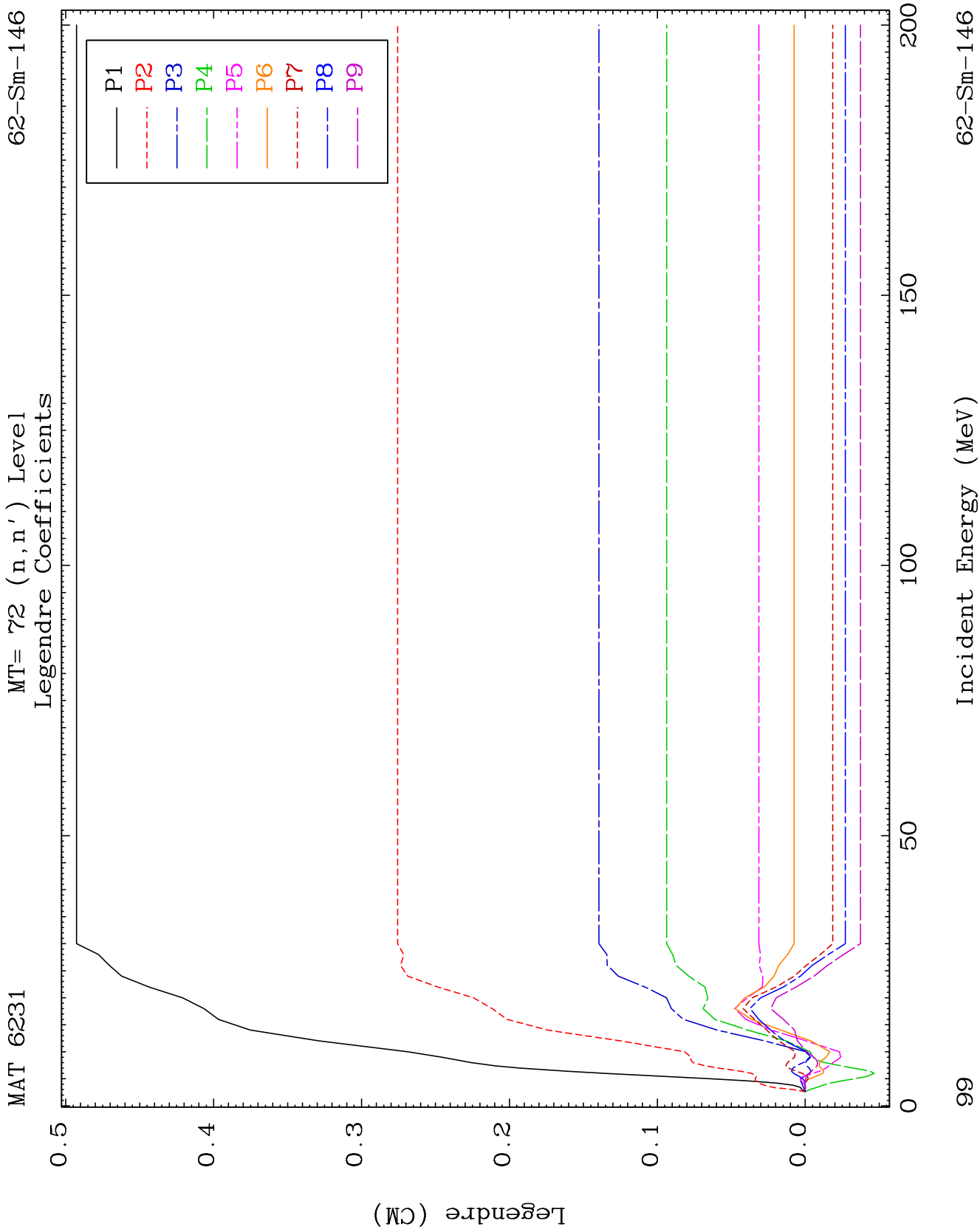








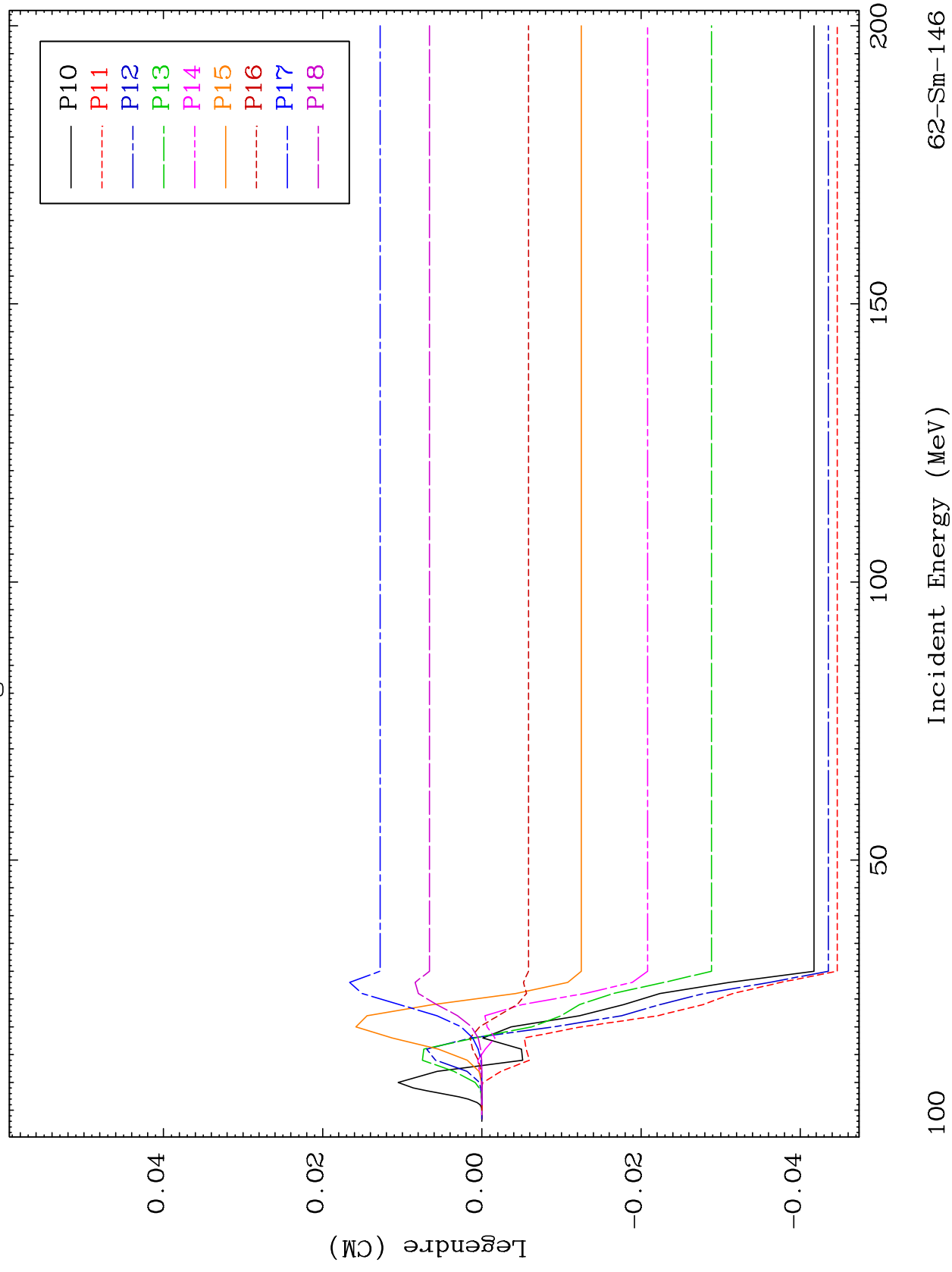




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MT= 72 (n, n') Level
Legendre Coefficients

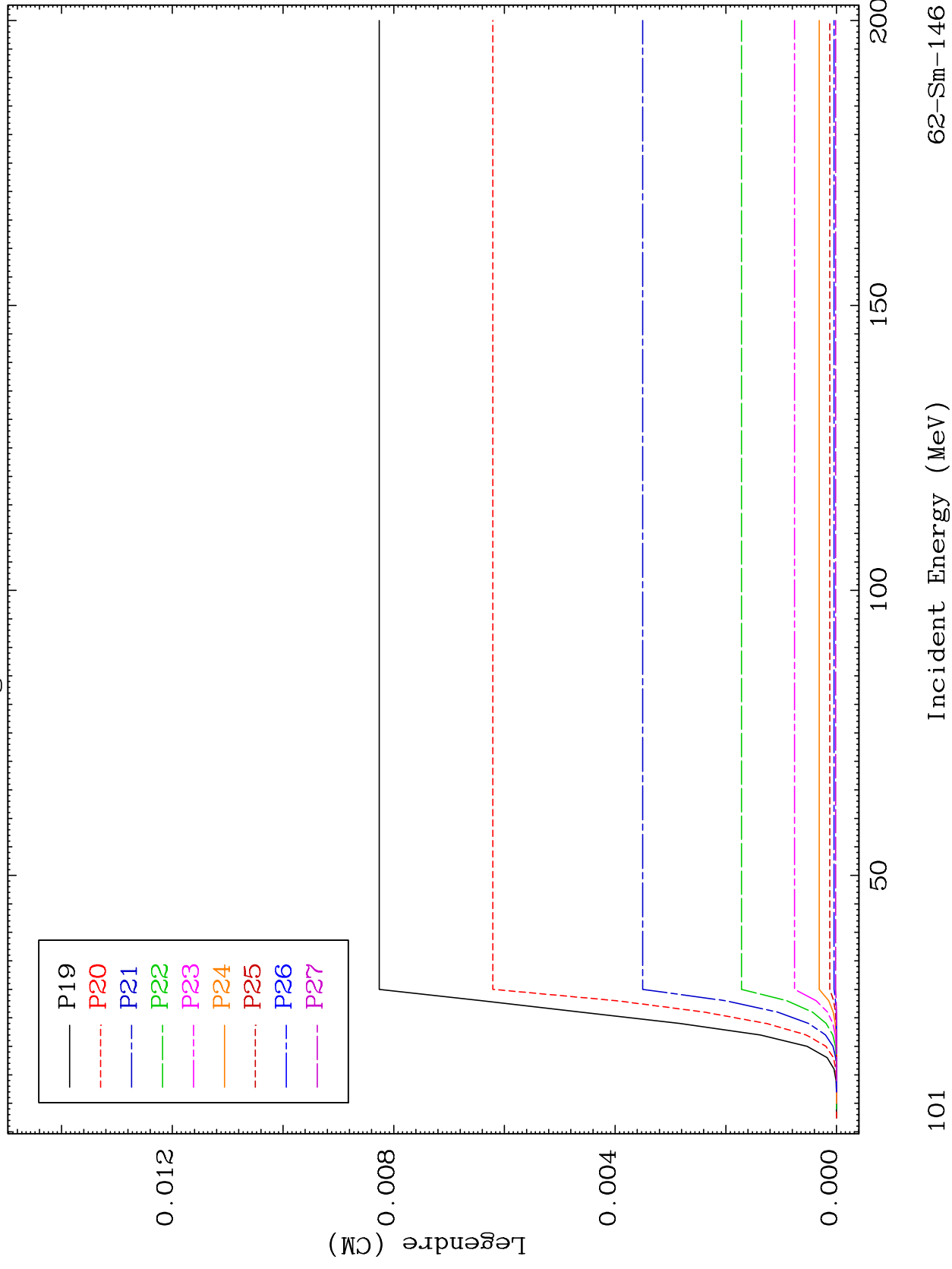
62-Sm-146

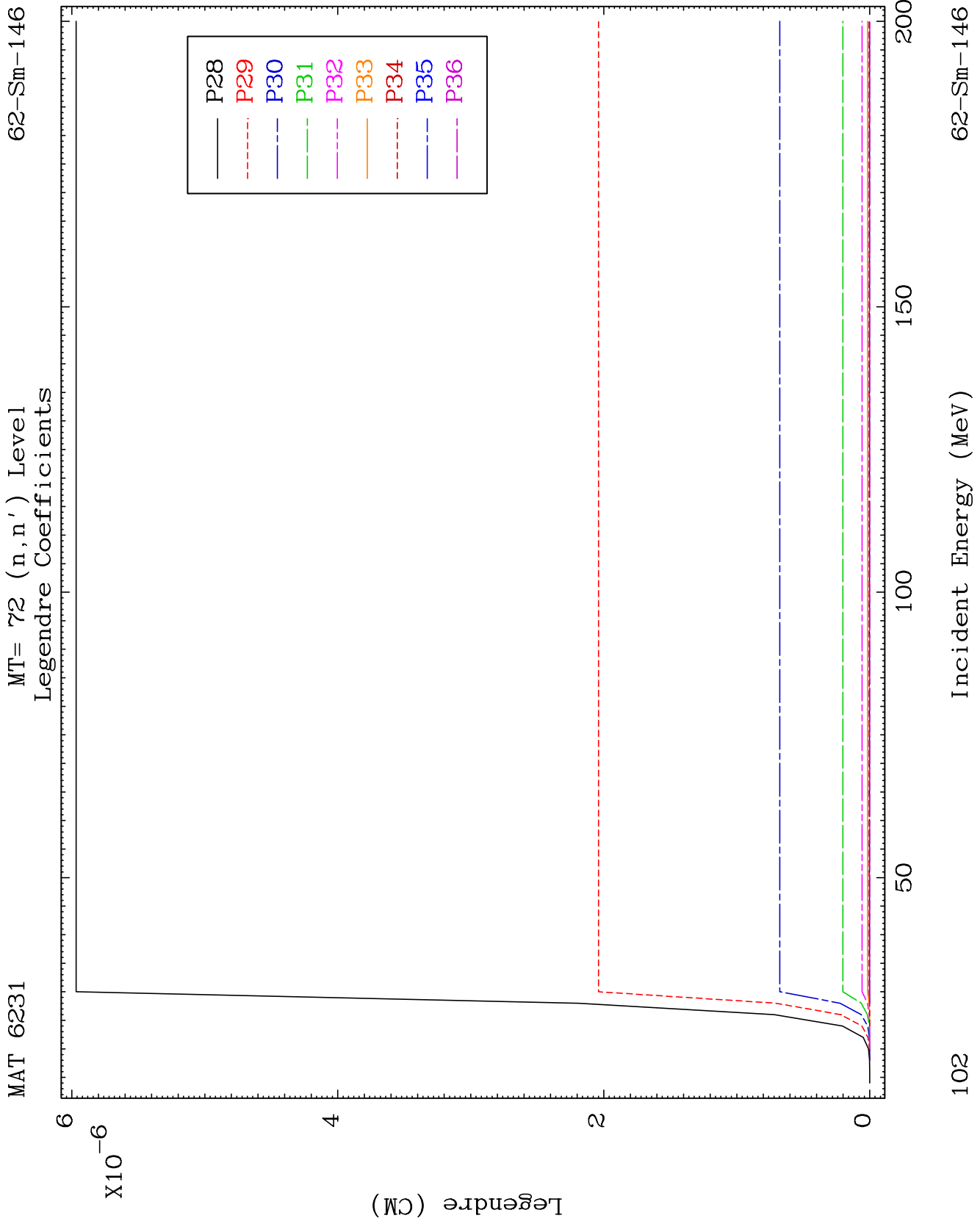


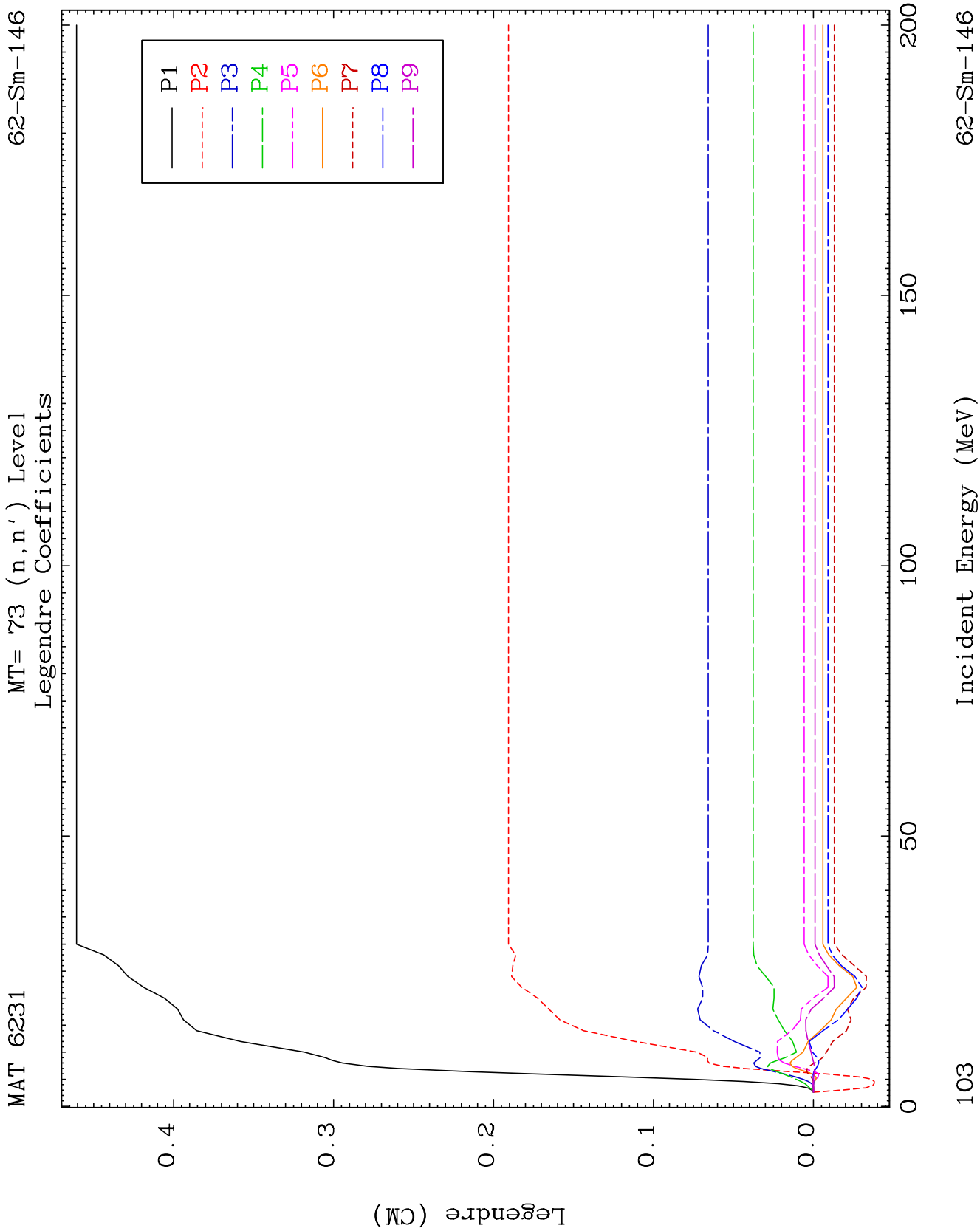
MAT 6231

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

62-Sm-146



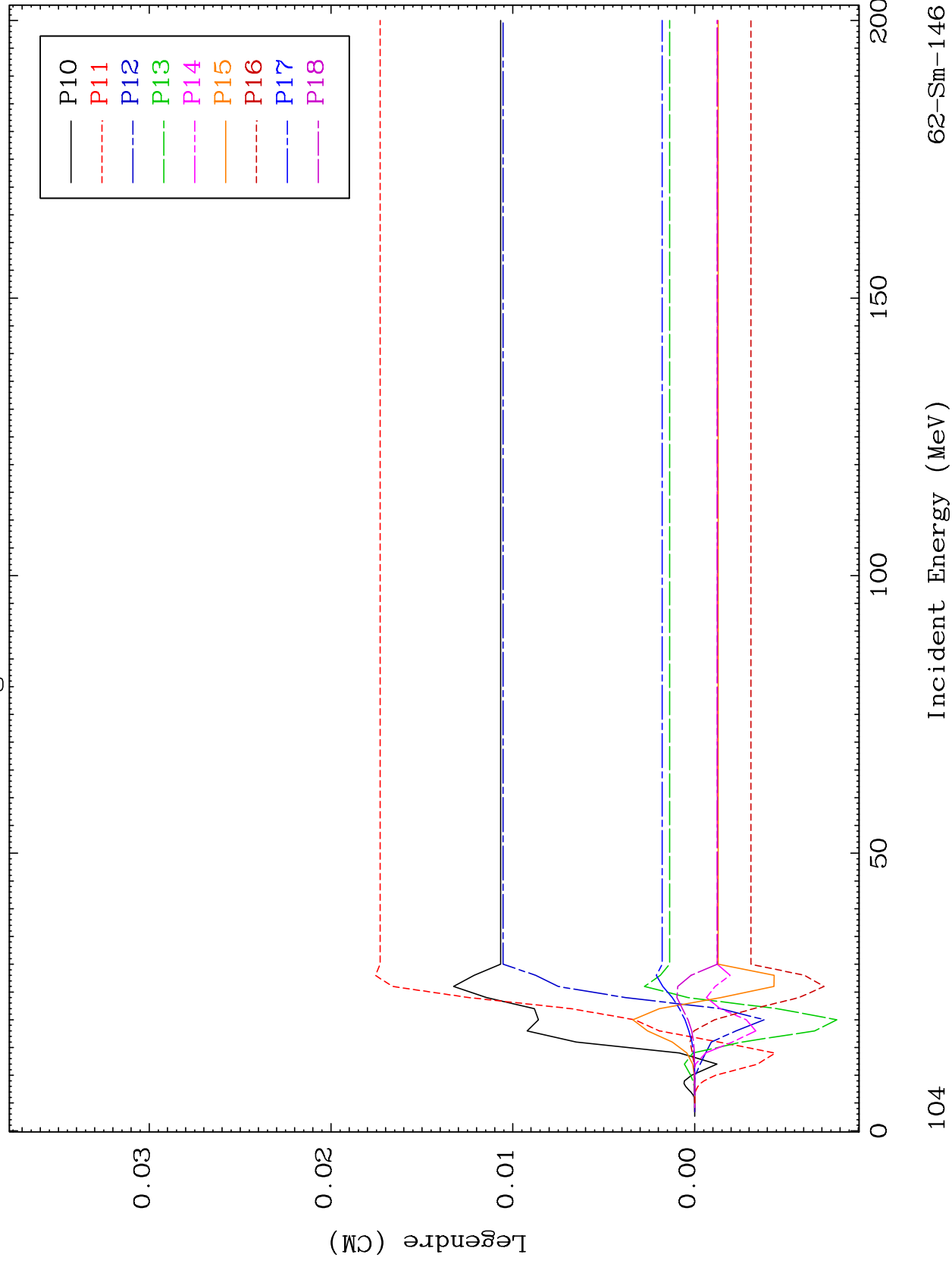


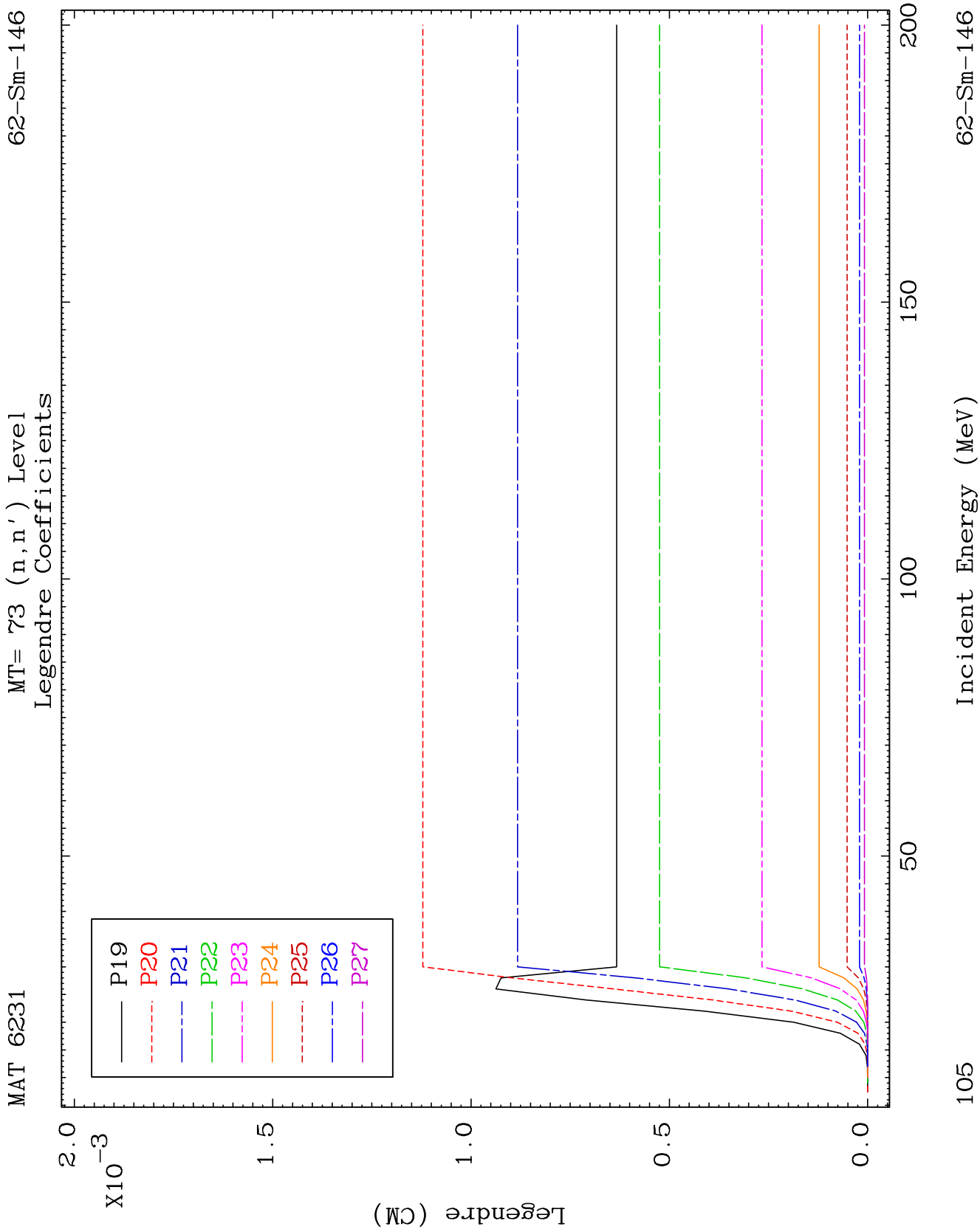


MAT 6231

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

62-Sm-146

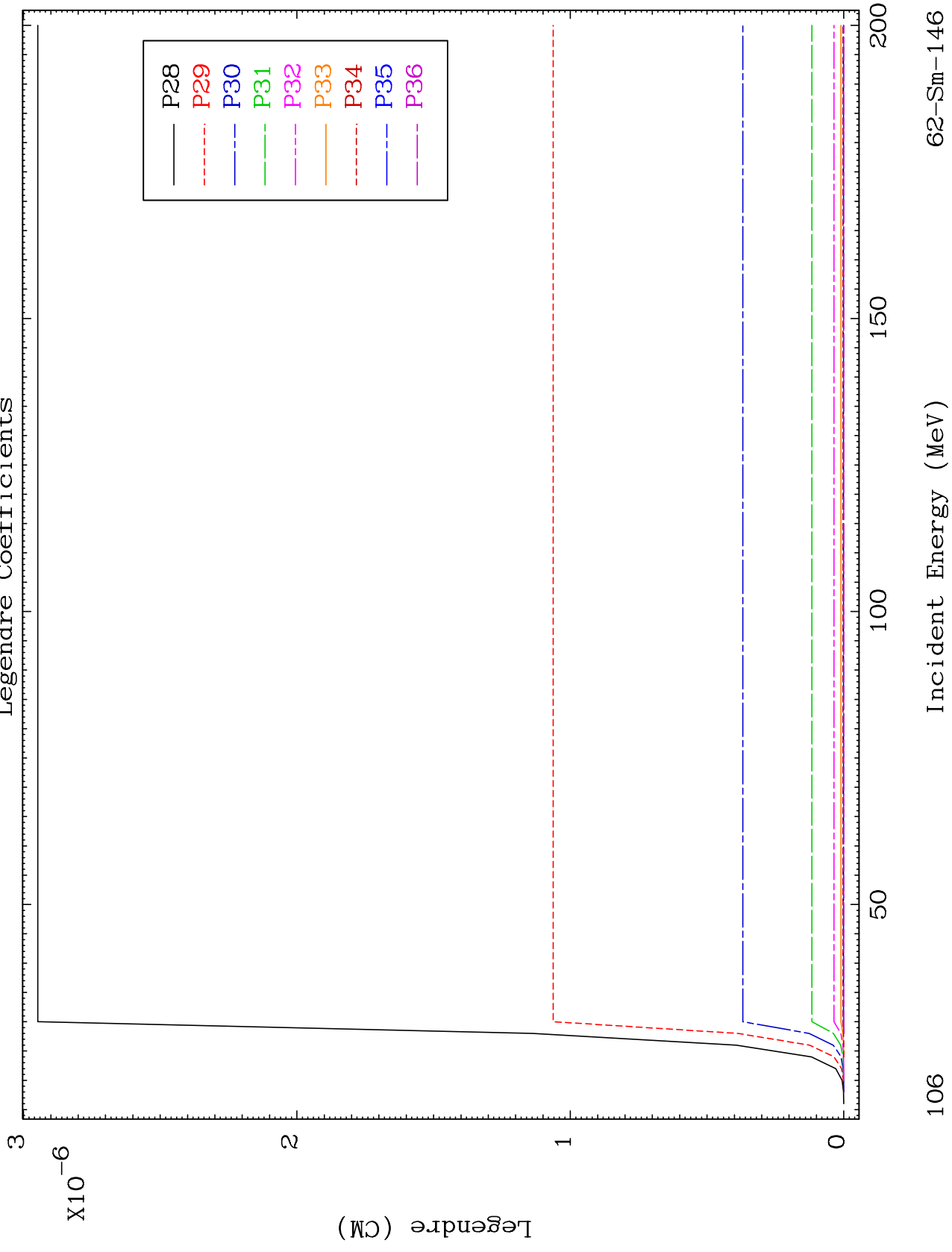




MAT 6231

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

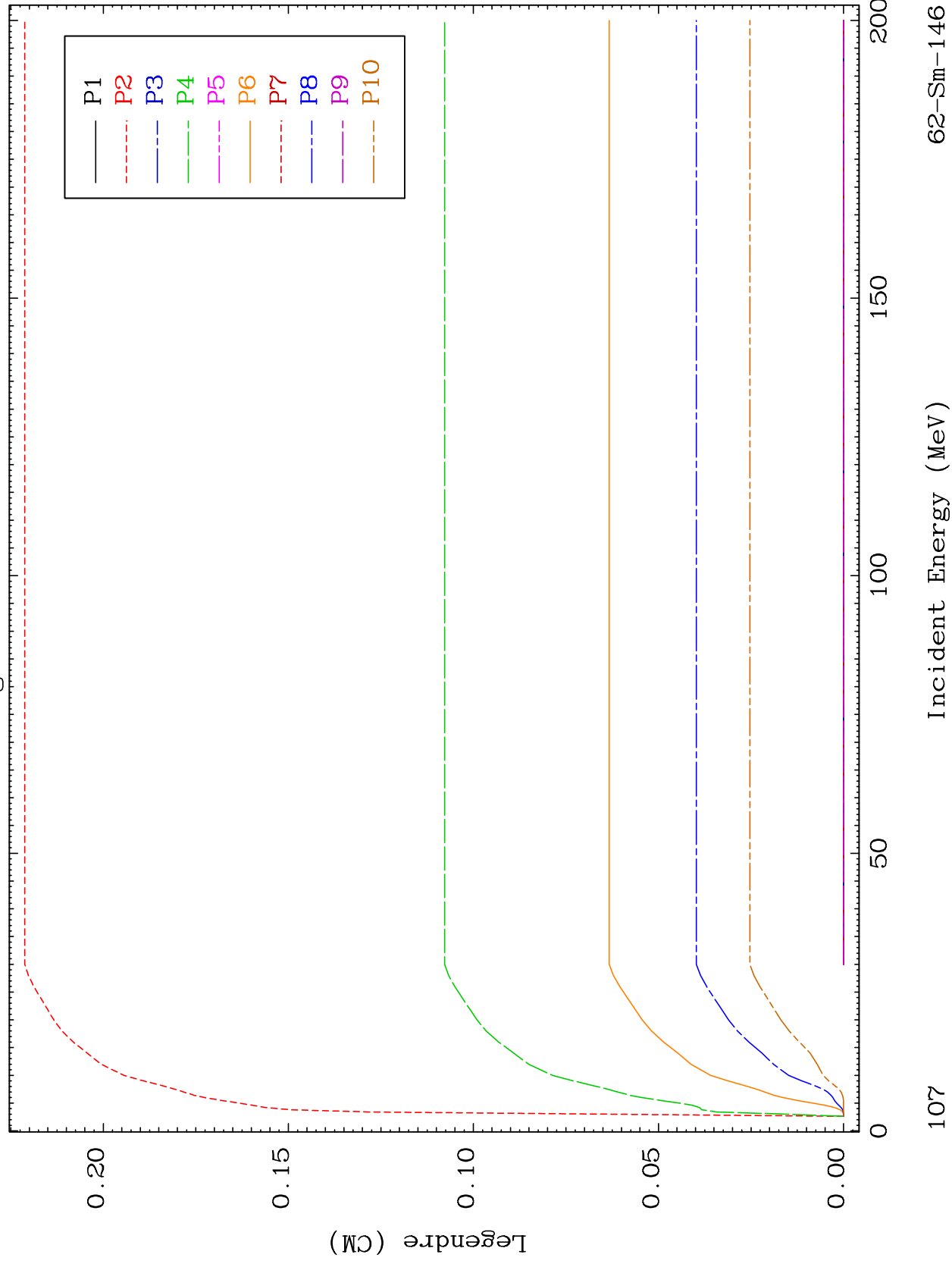
62-Sm-146

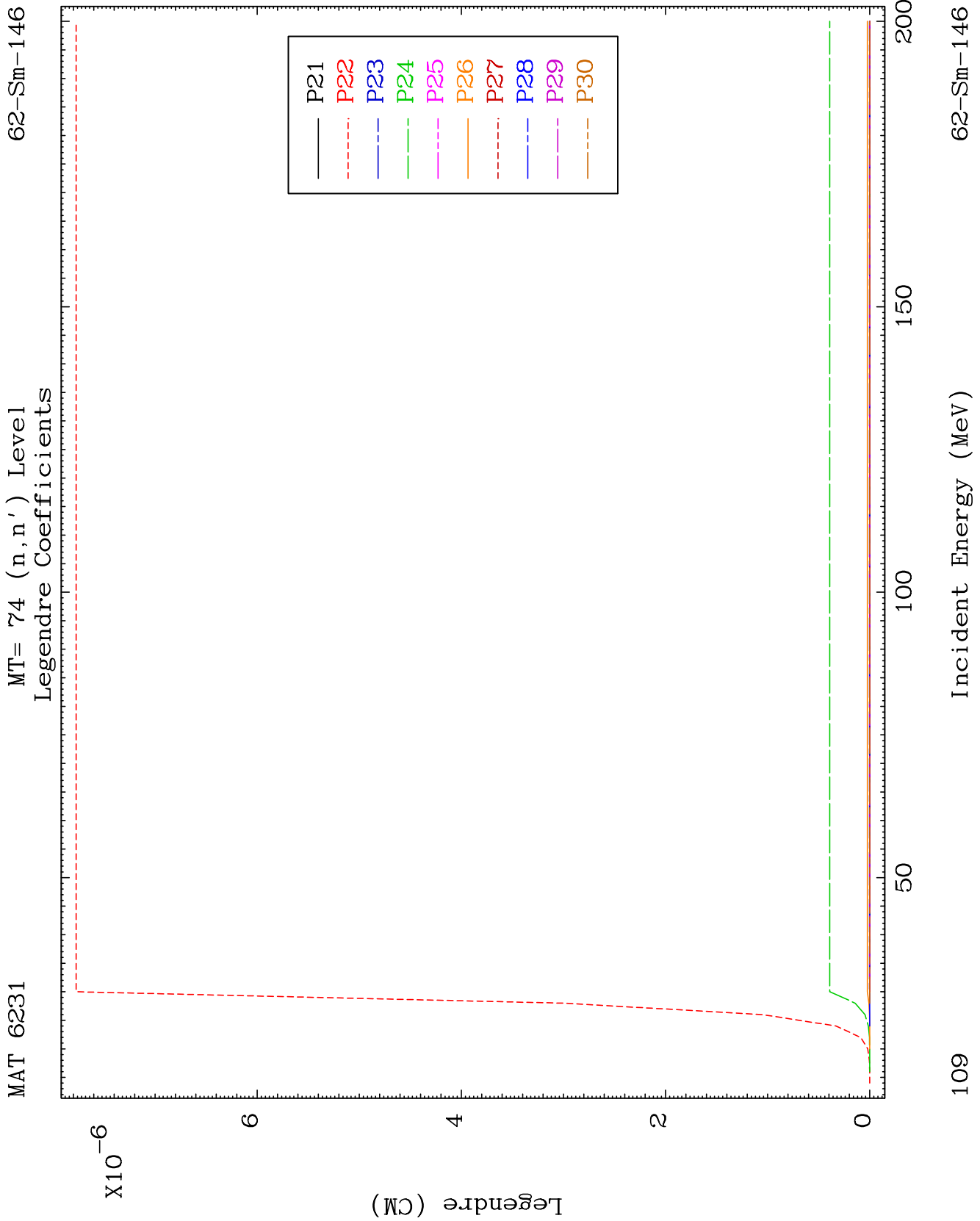


MAT 6231

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

62-Sm-146

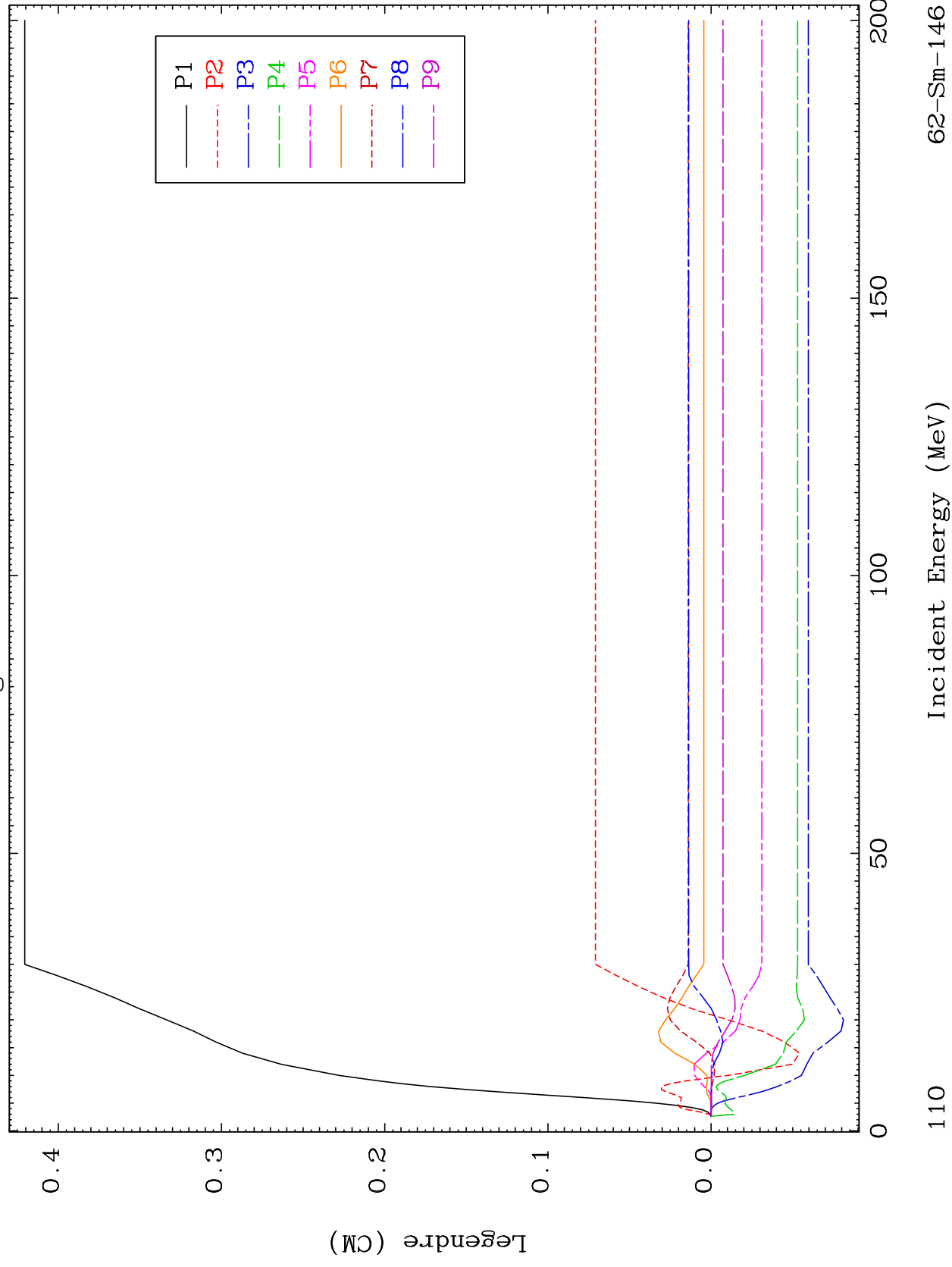




MAT 6231

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

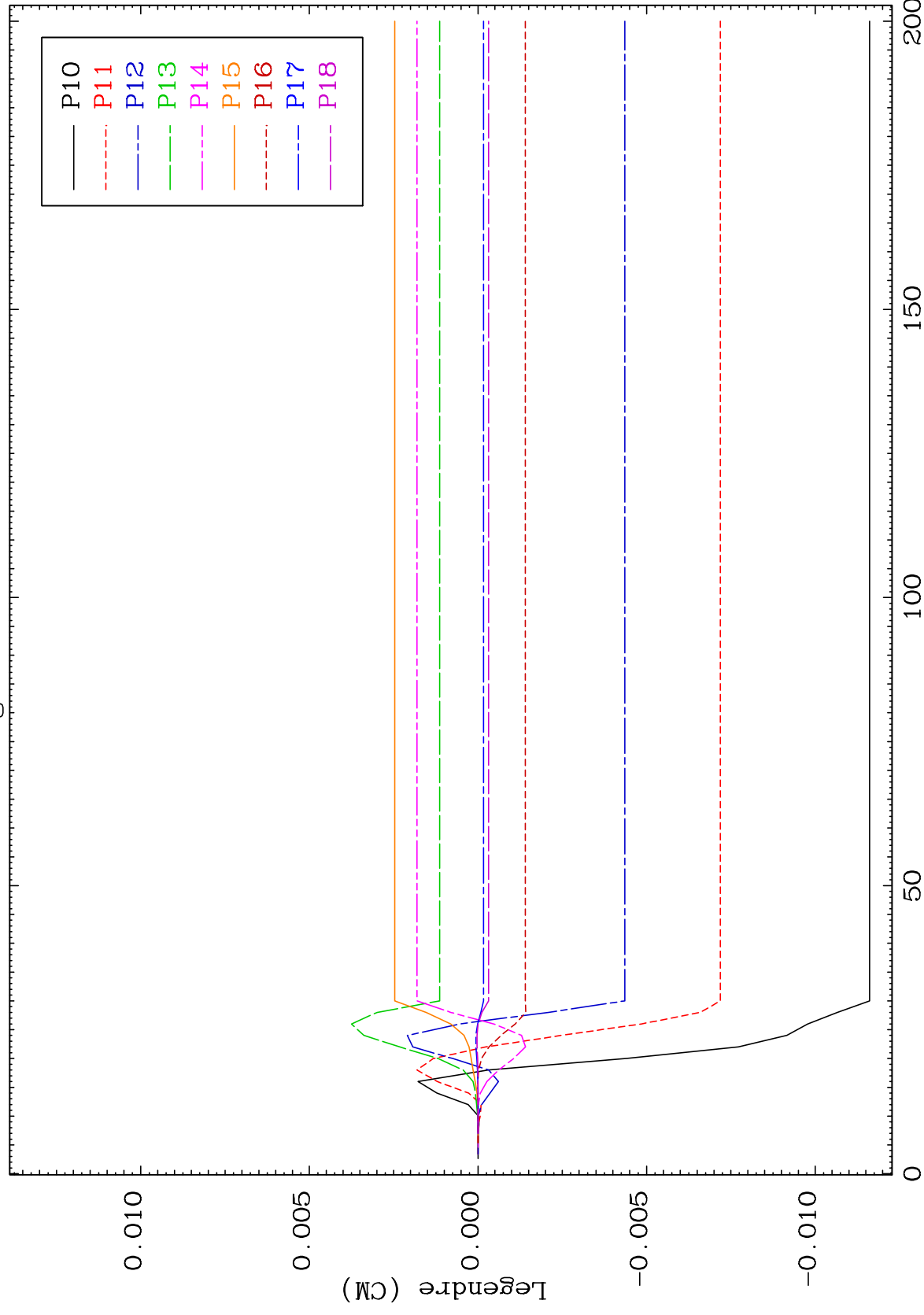
62-Sm-146



MAT 6231

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

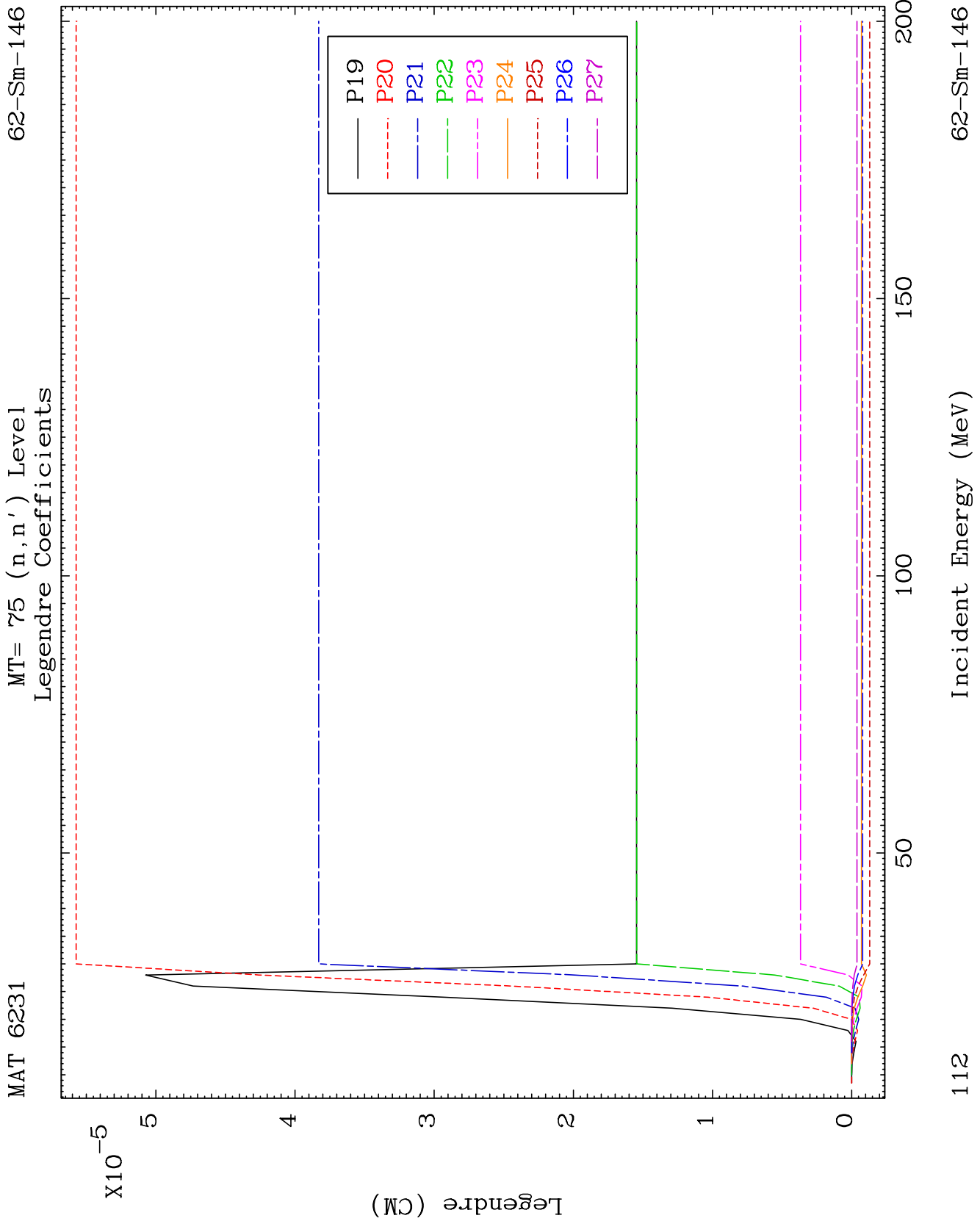
62-Sm-146

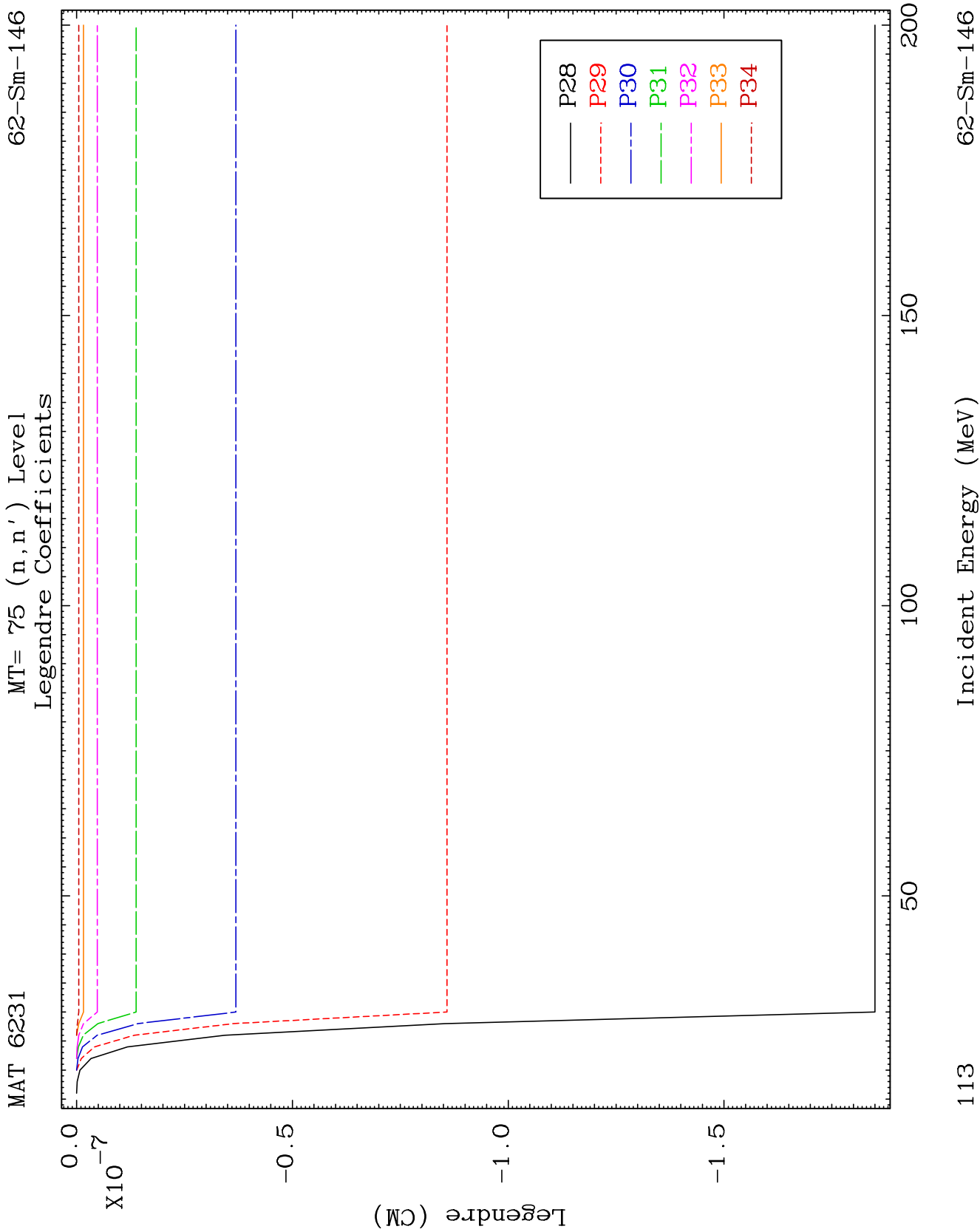


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Incident Energy (MeV)

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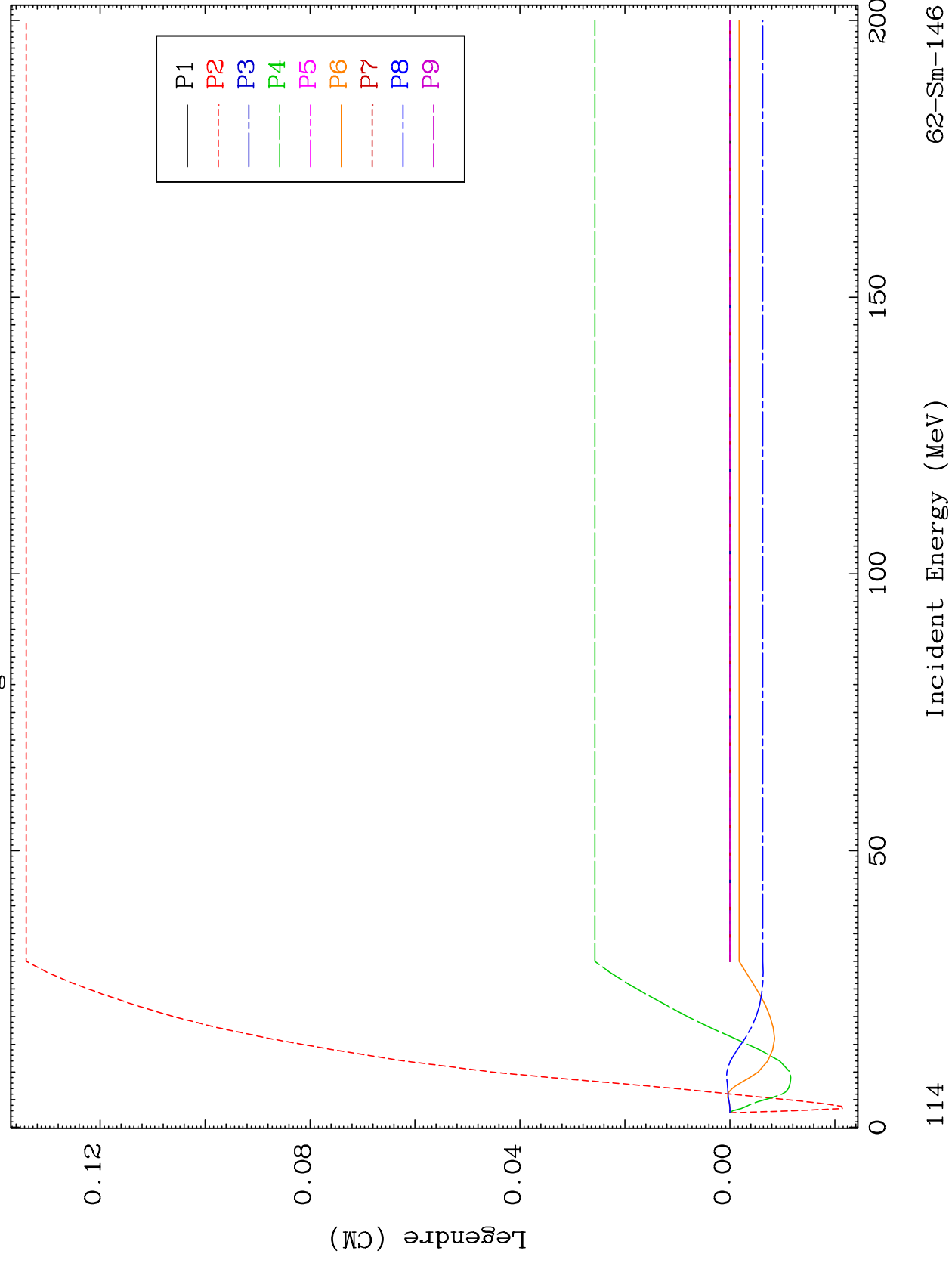




MAT 6231

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

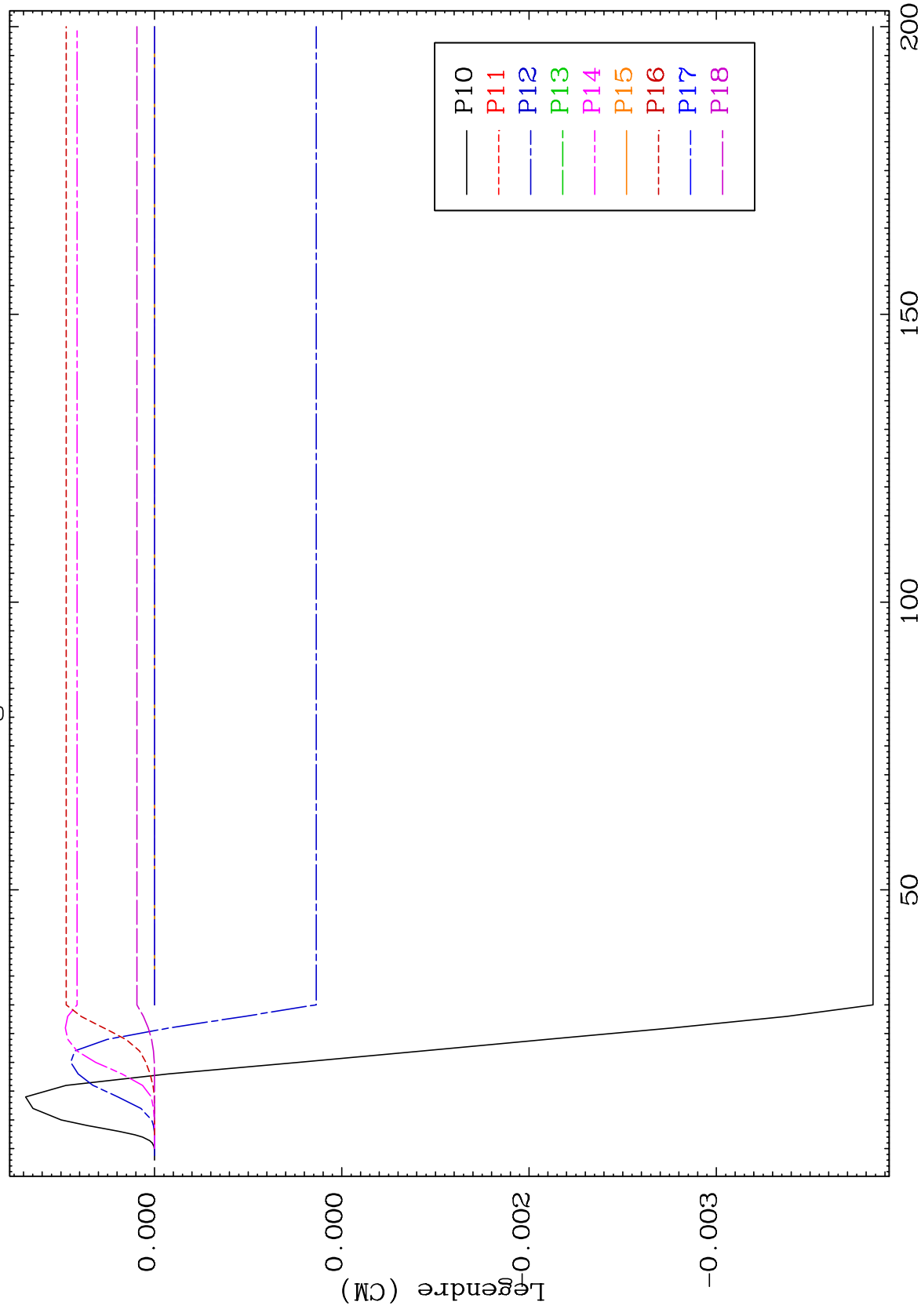
62-Sm-146



MAT 6231

62-Sm-146

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



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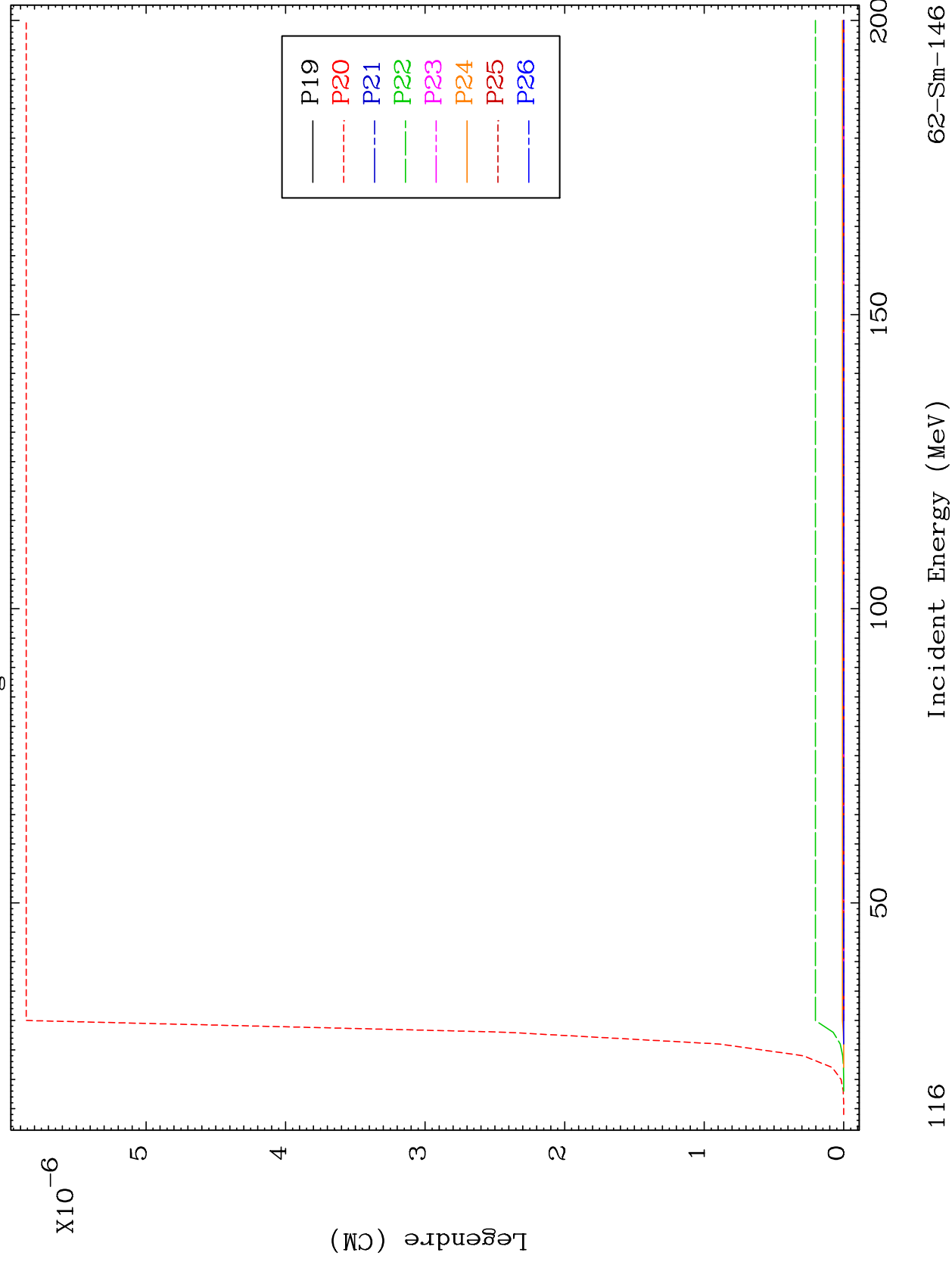
Incident Energy (MeV)

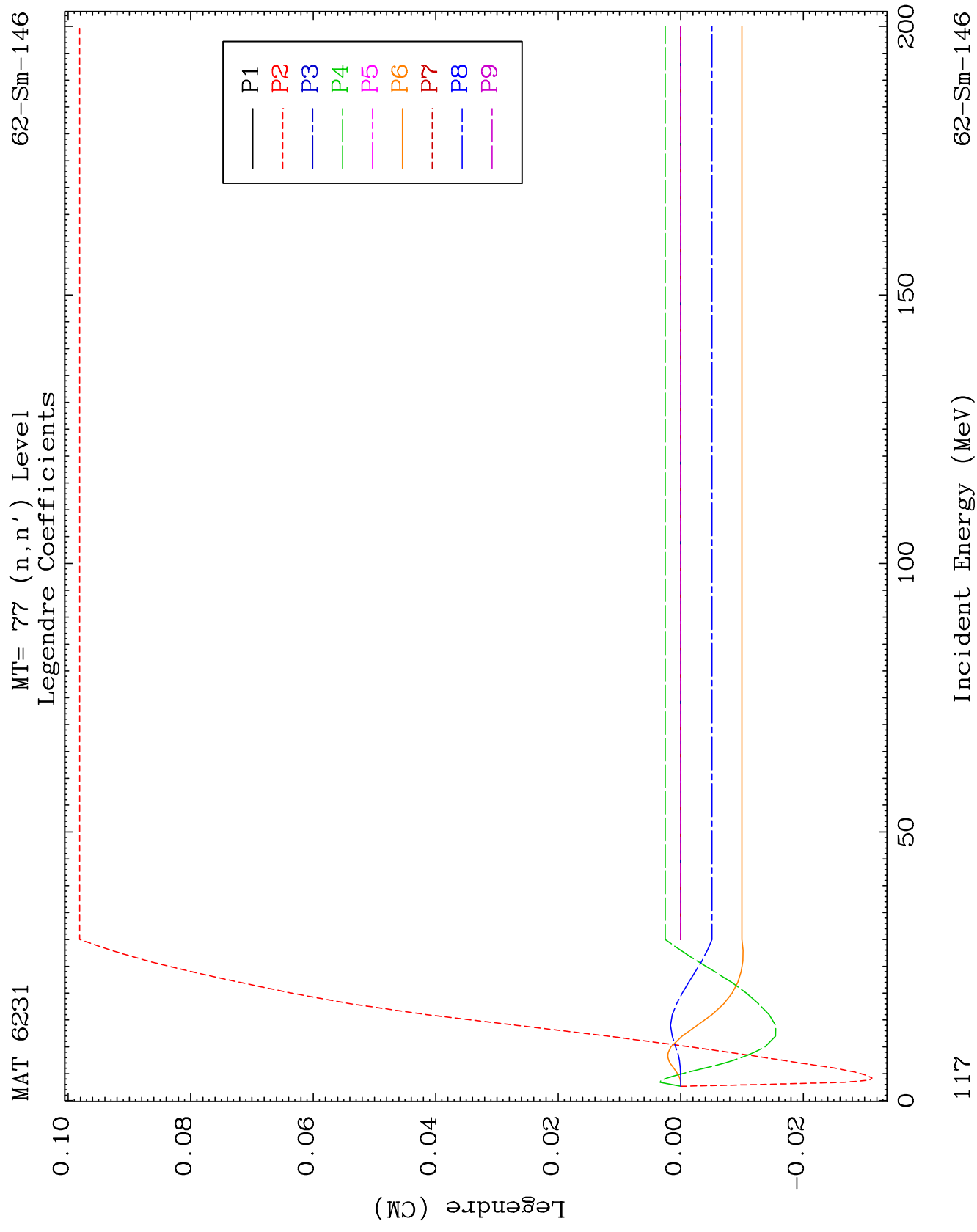
62-Sm-146

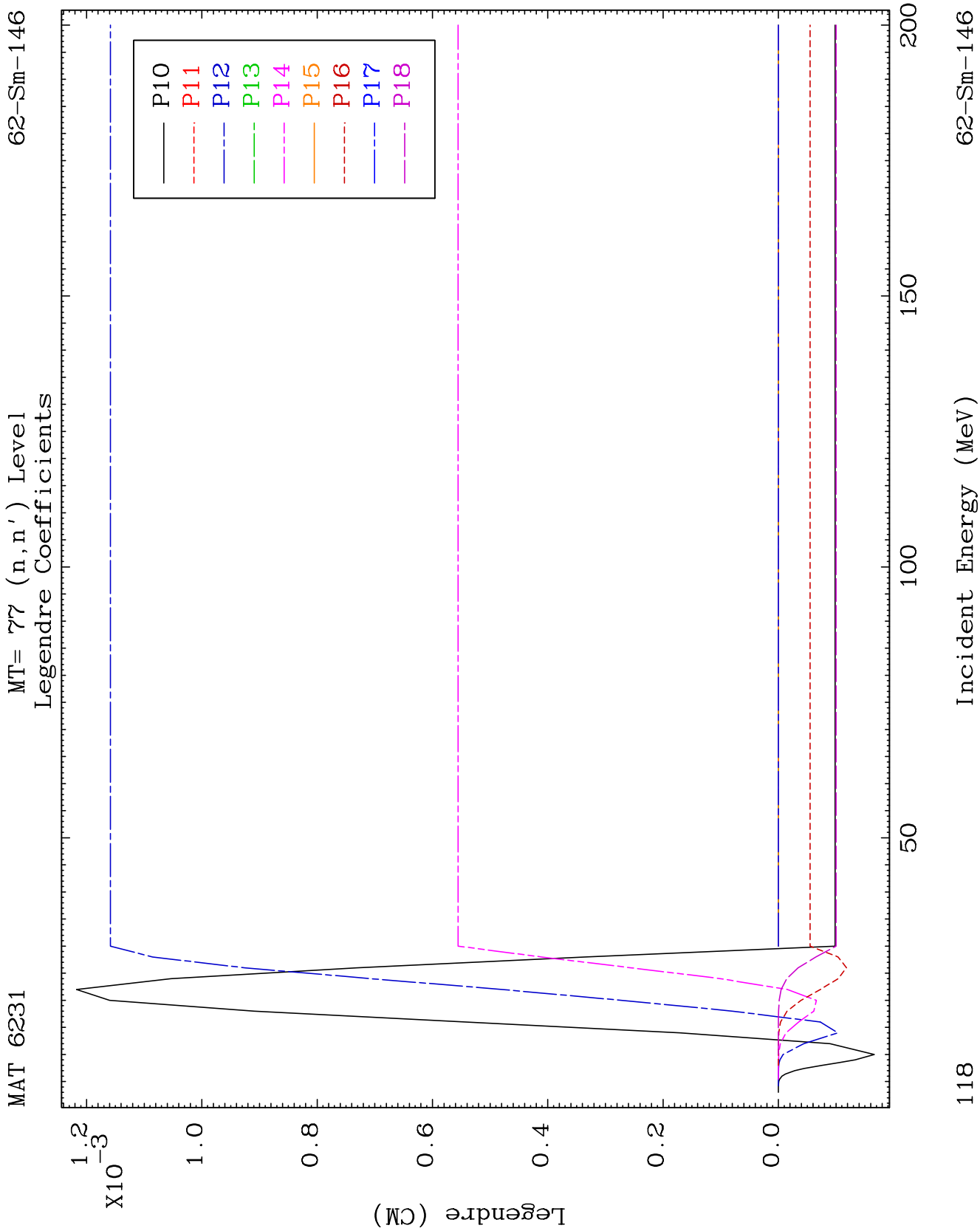
MAT 6231

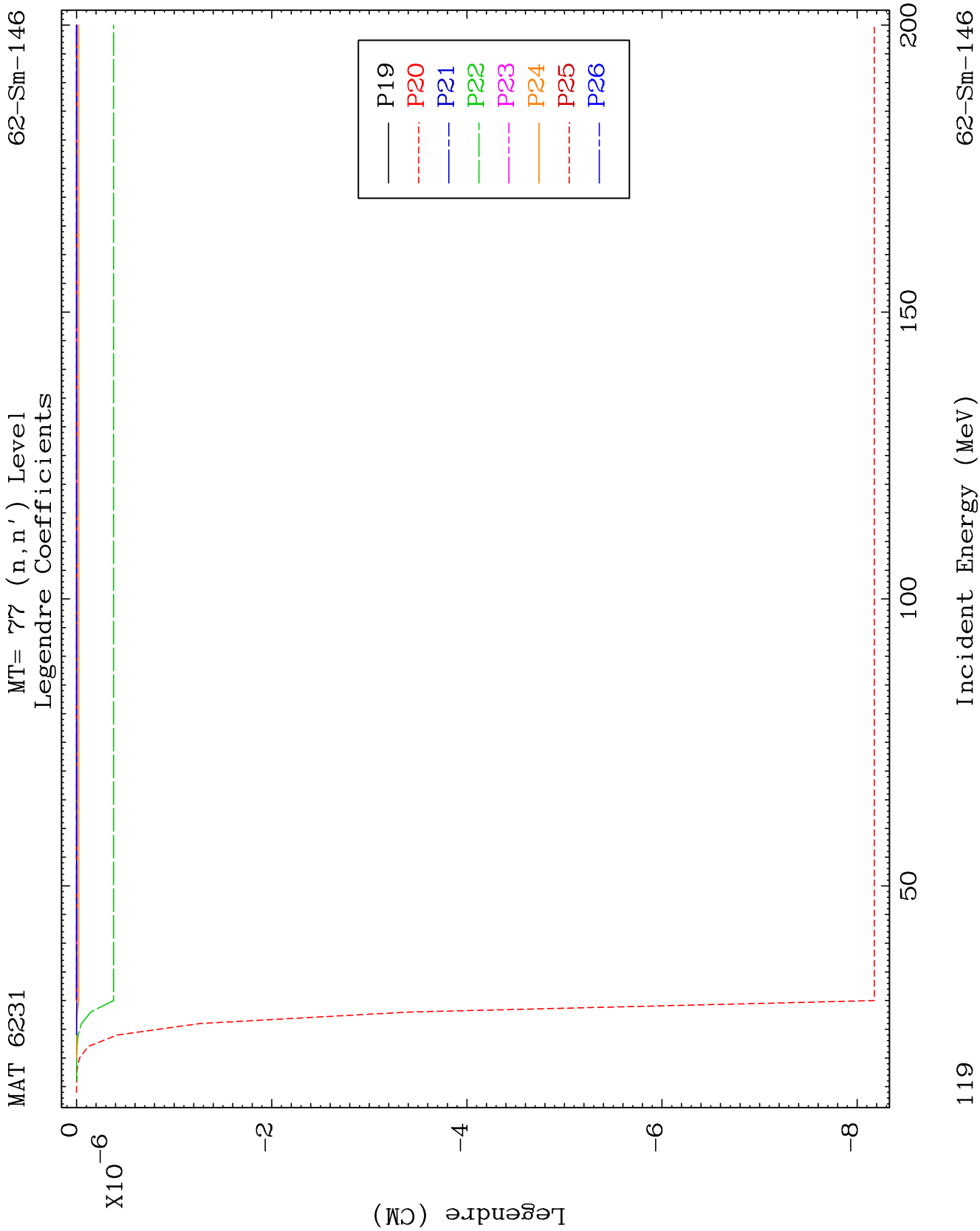
MT= 76 (n, n') Level
Legendre Coefficients

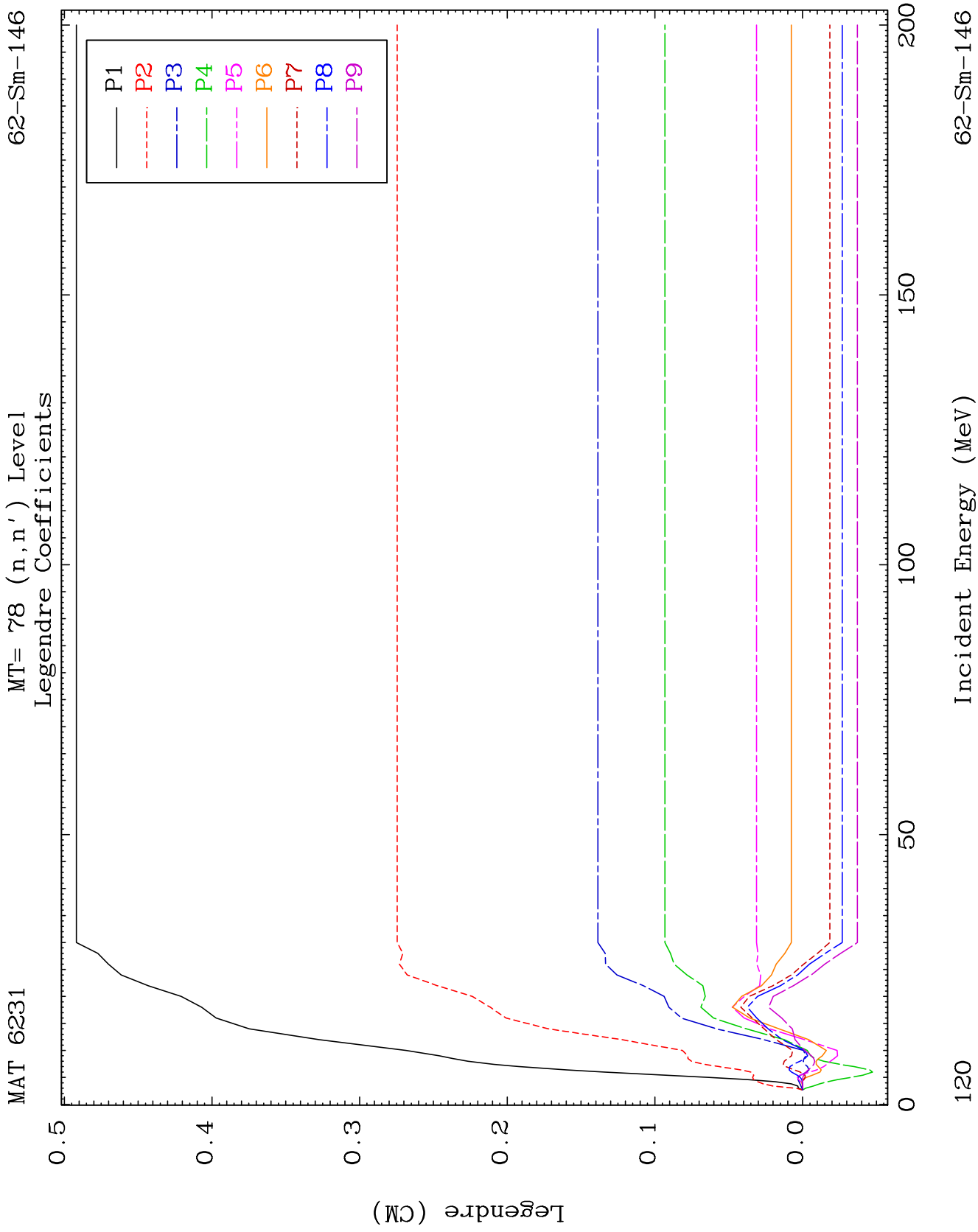
62-Sm-146

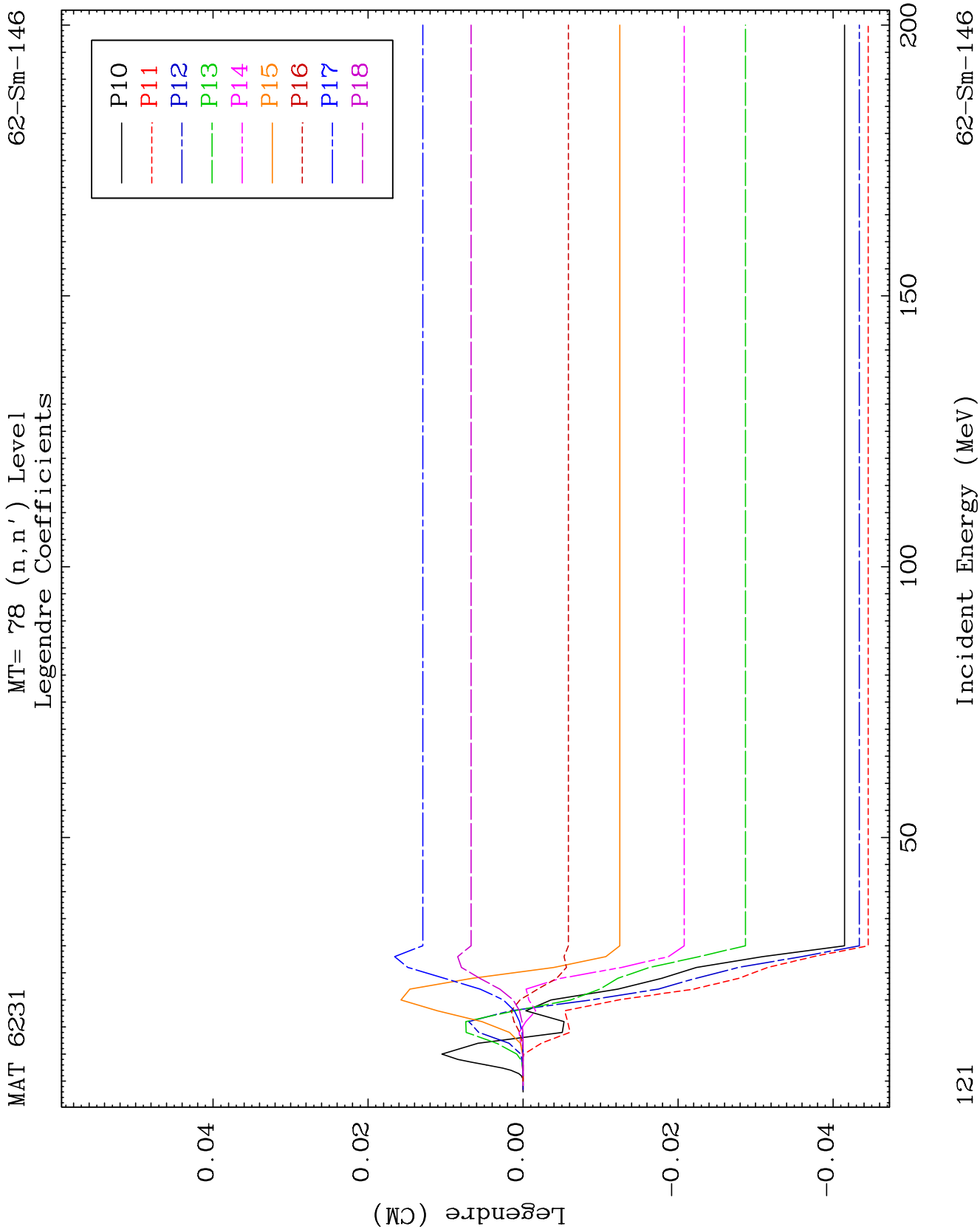


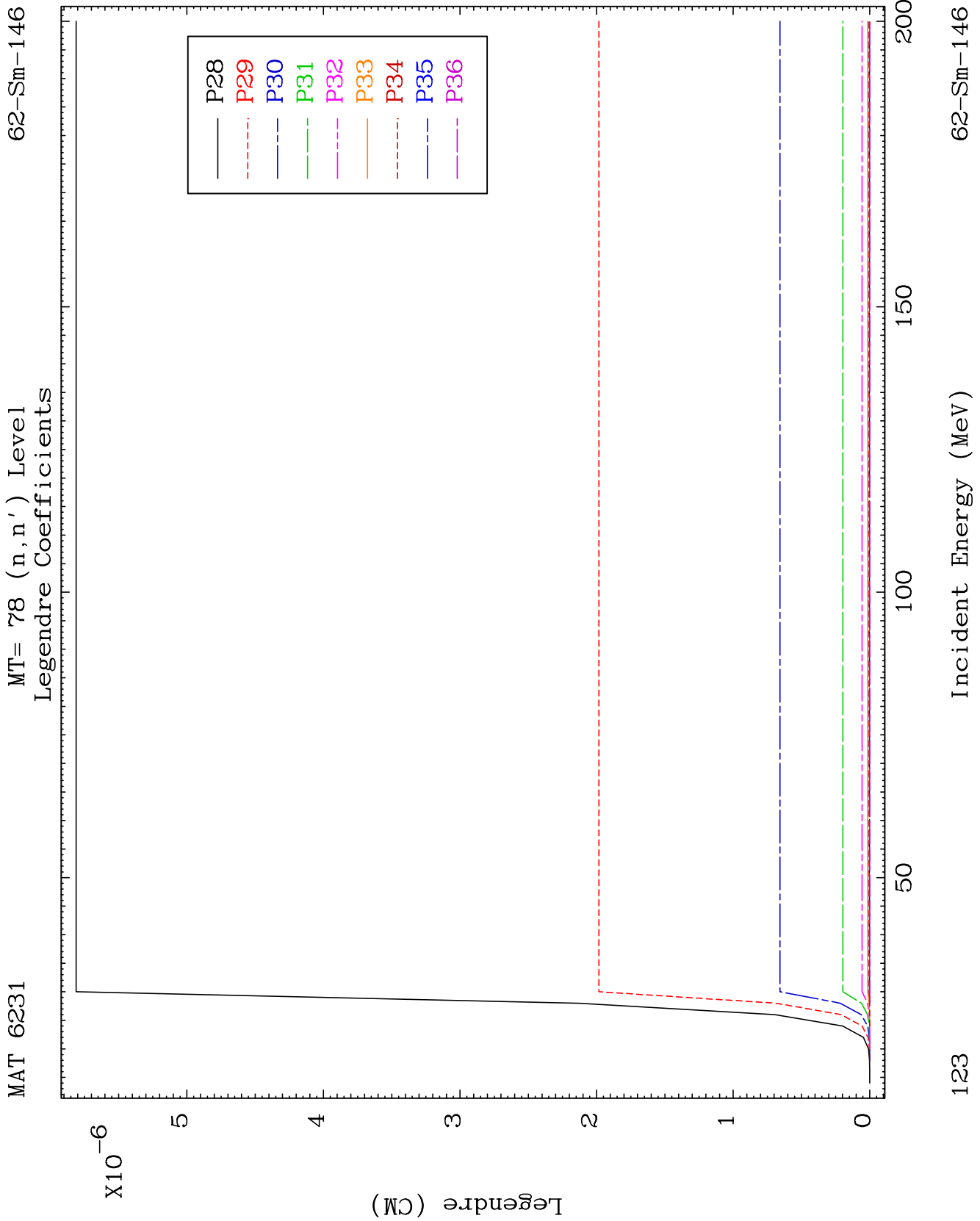


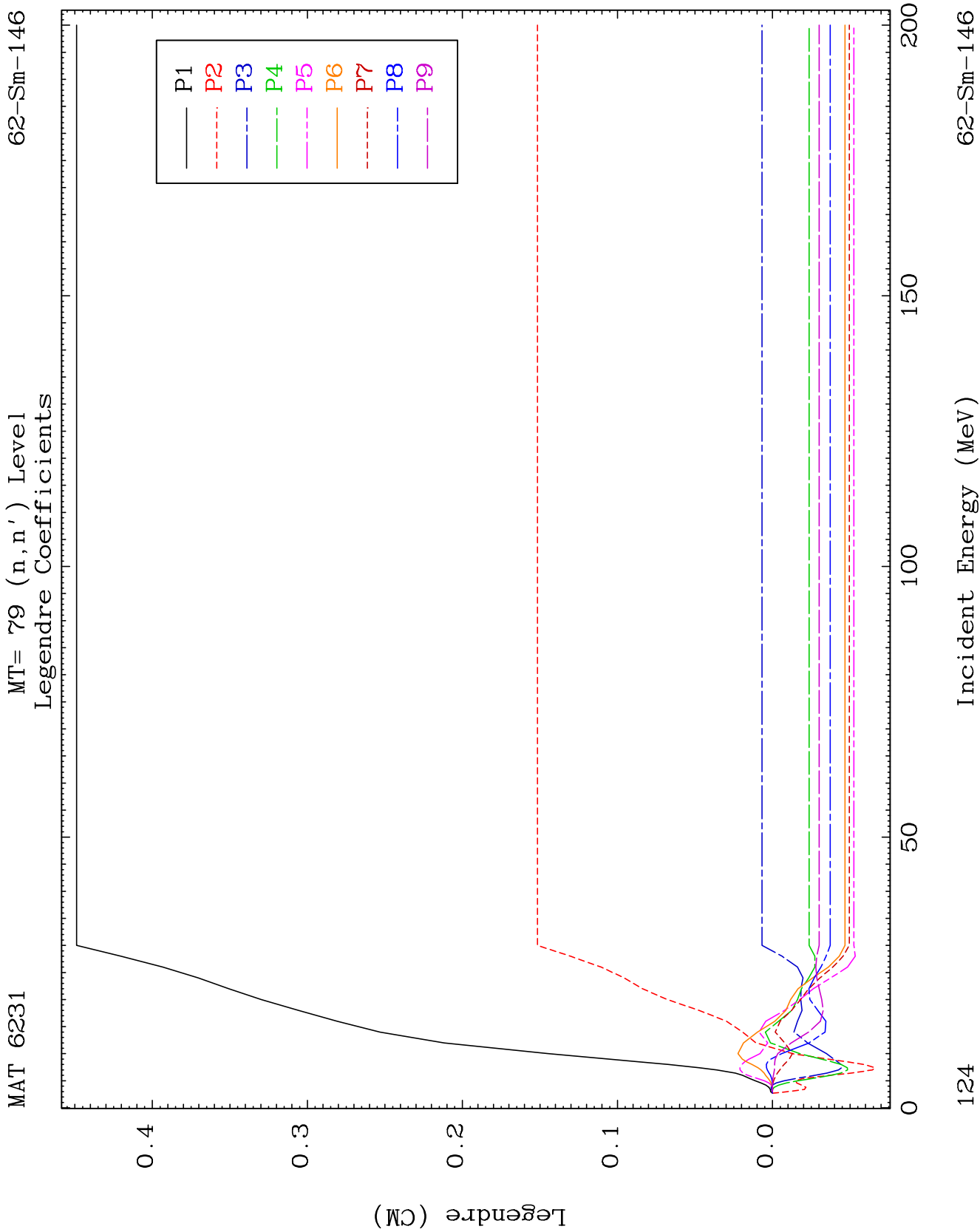


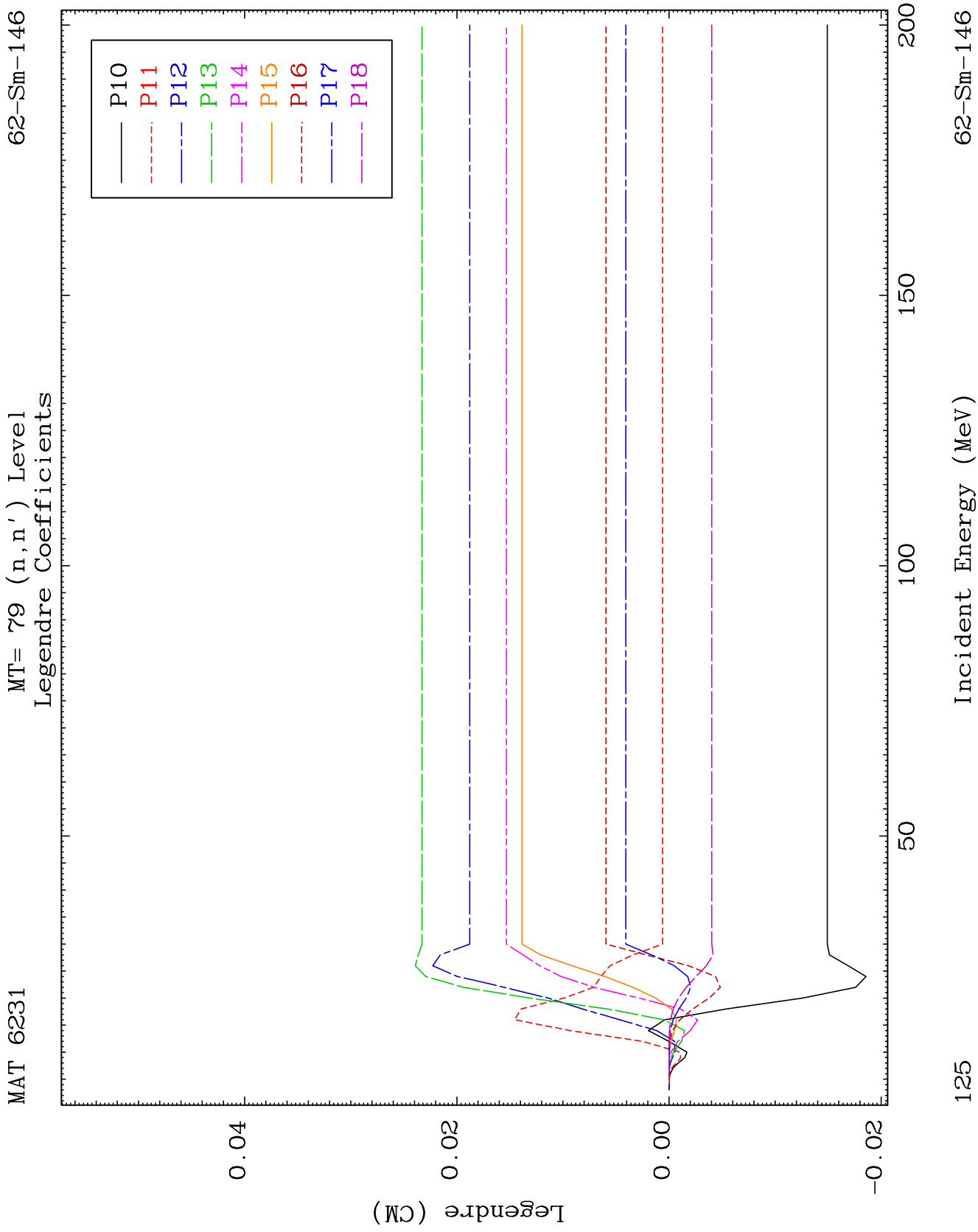


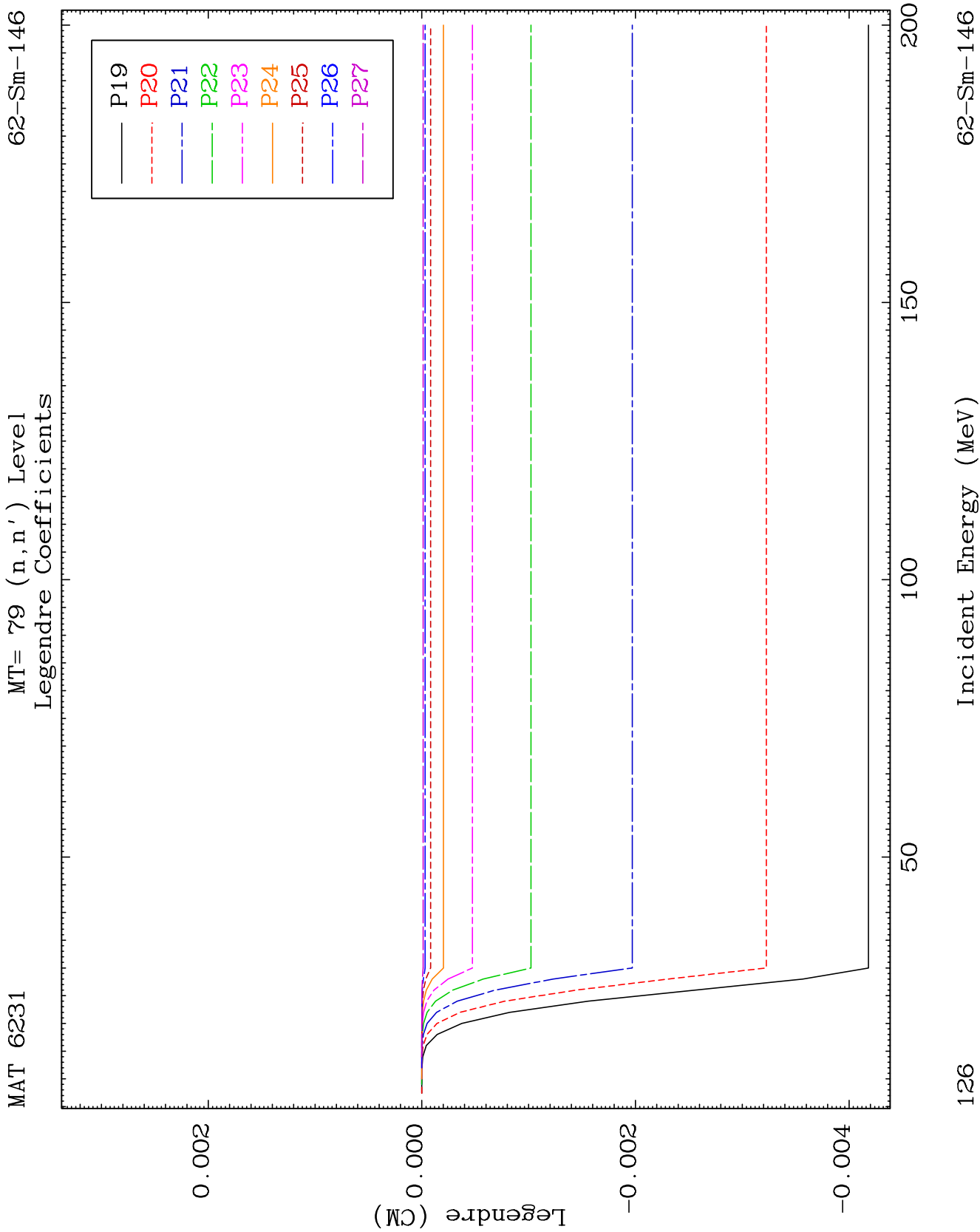


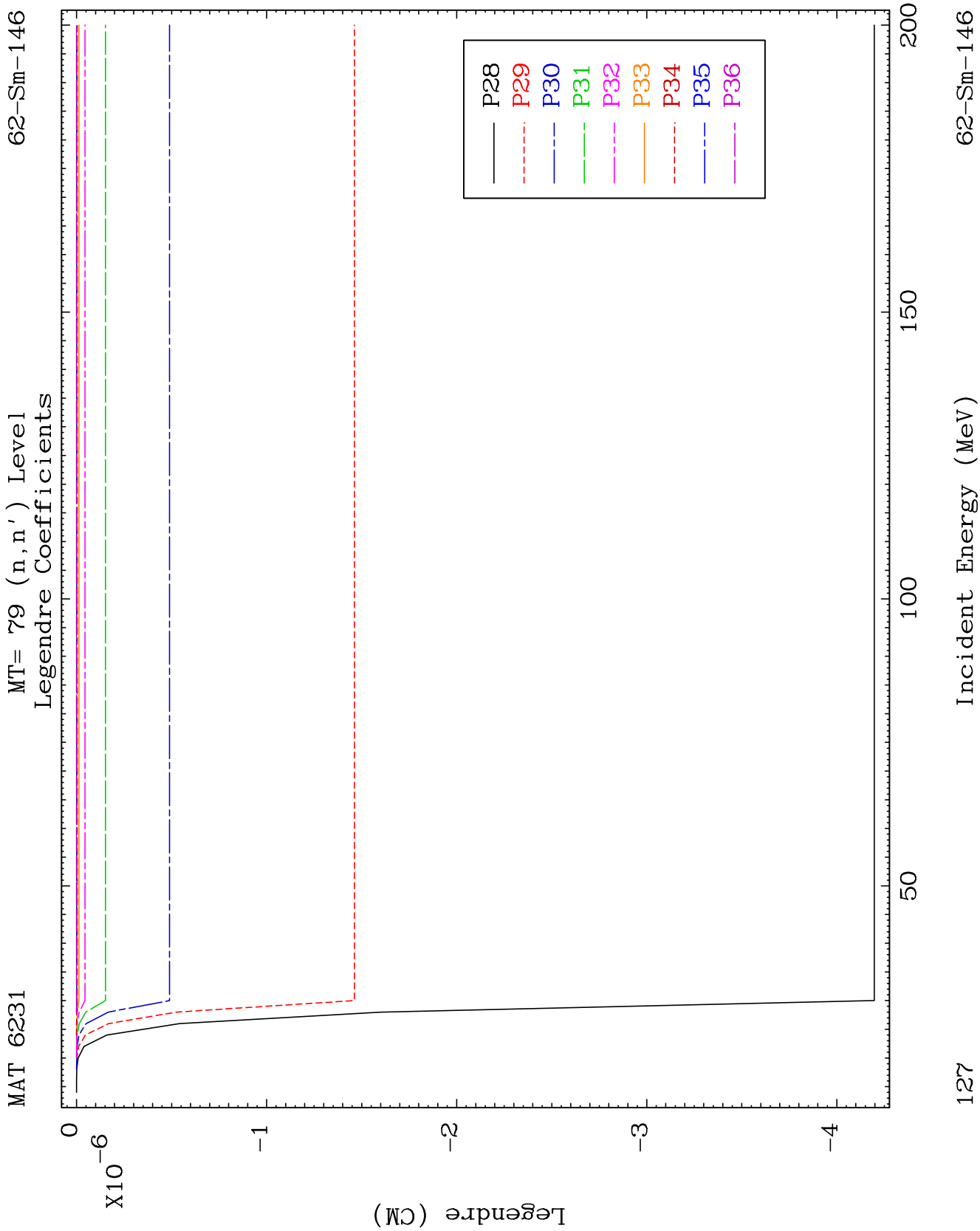


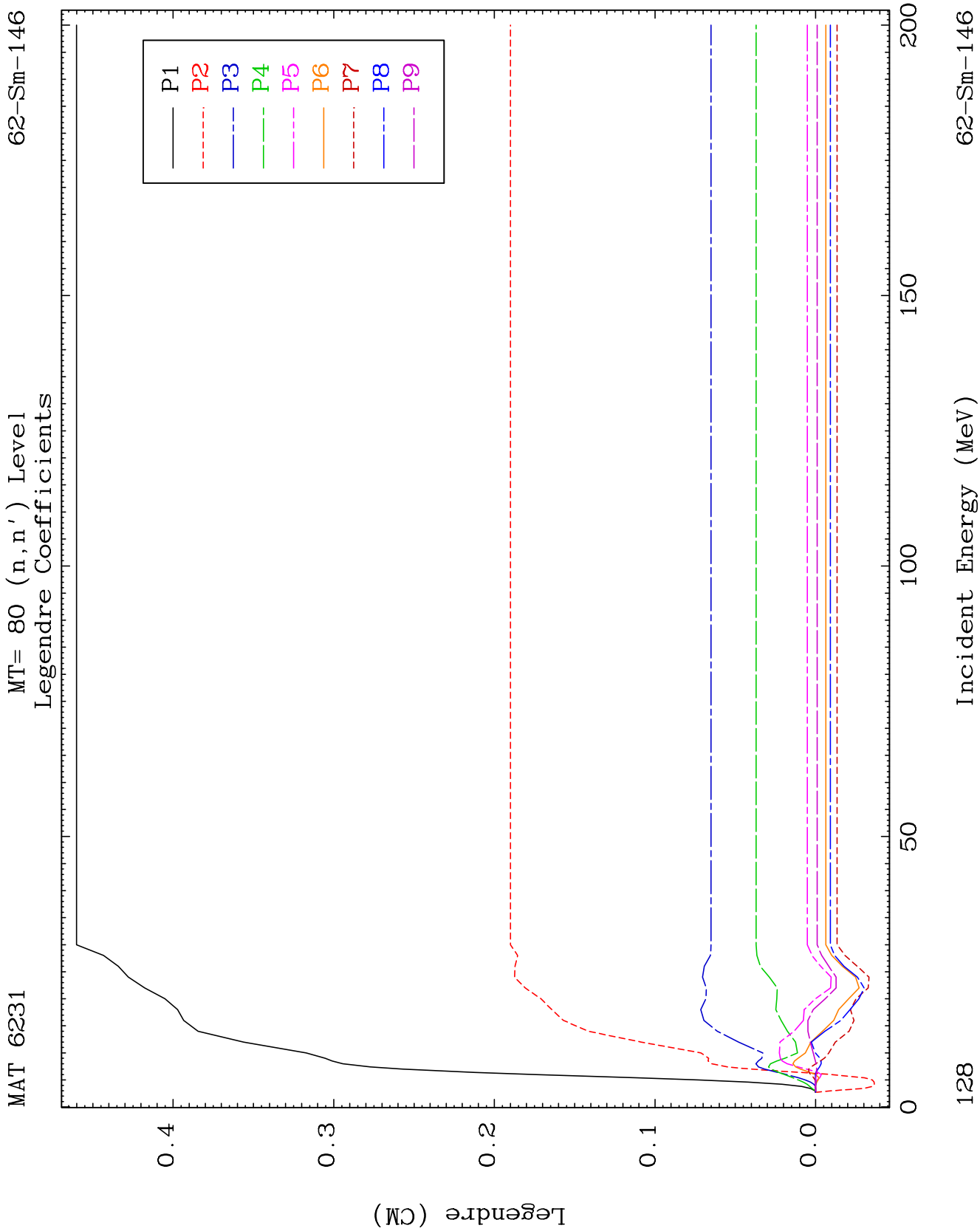


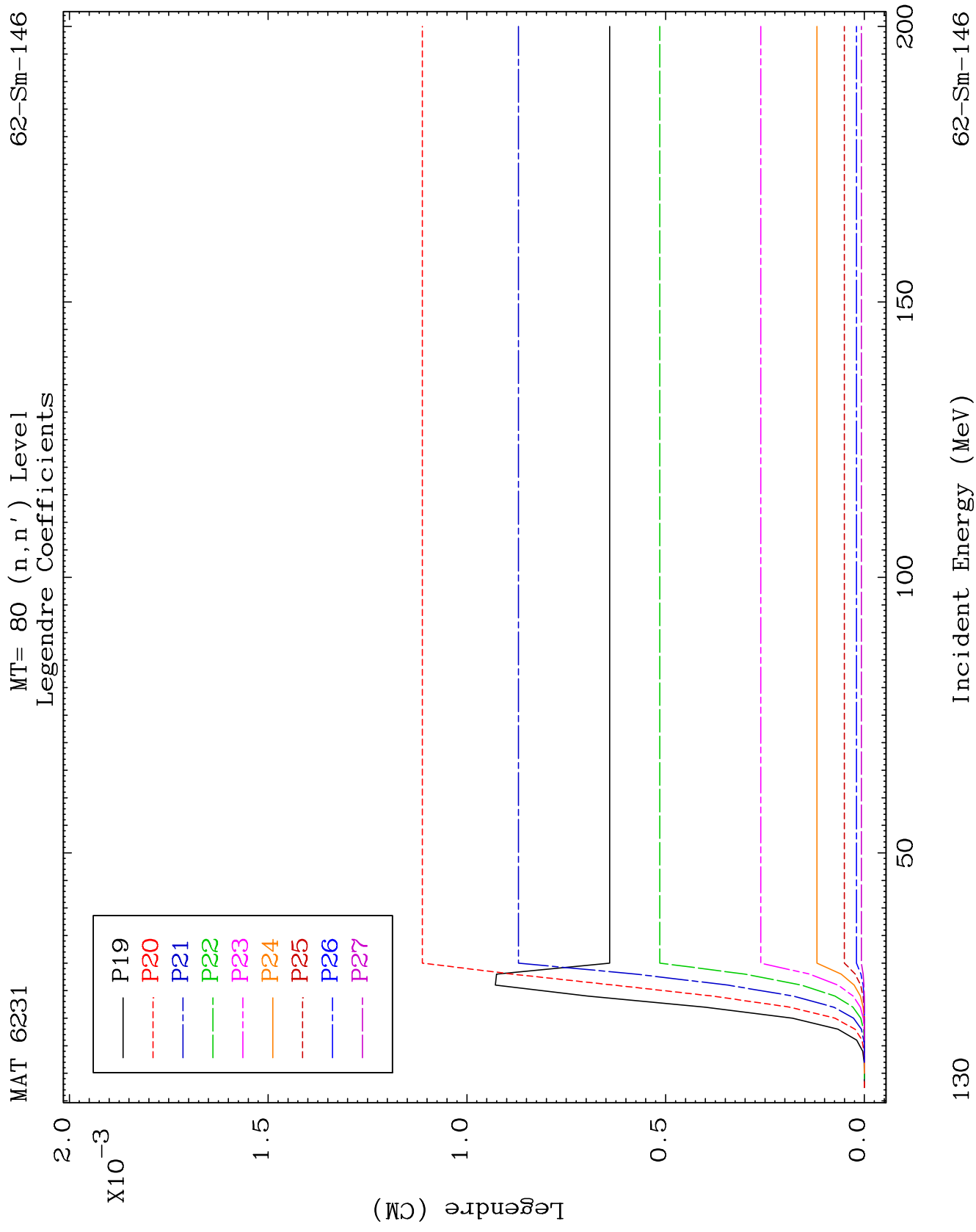


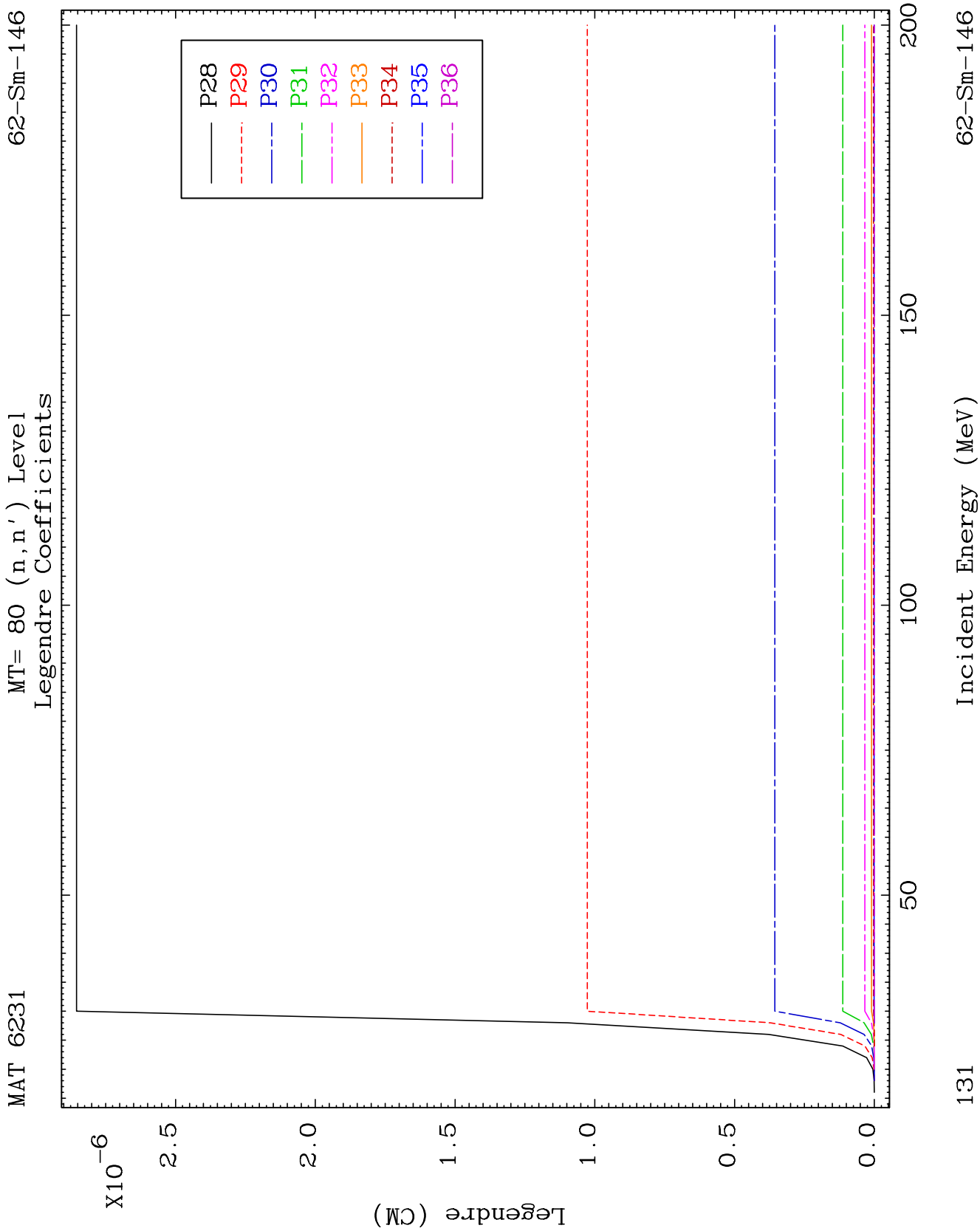


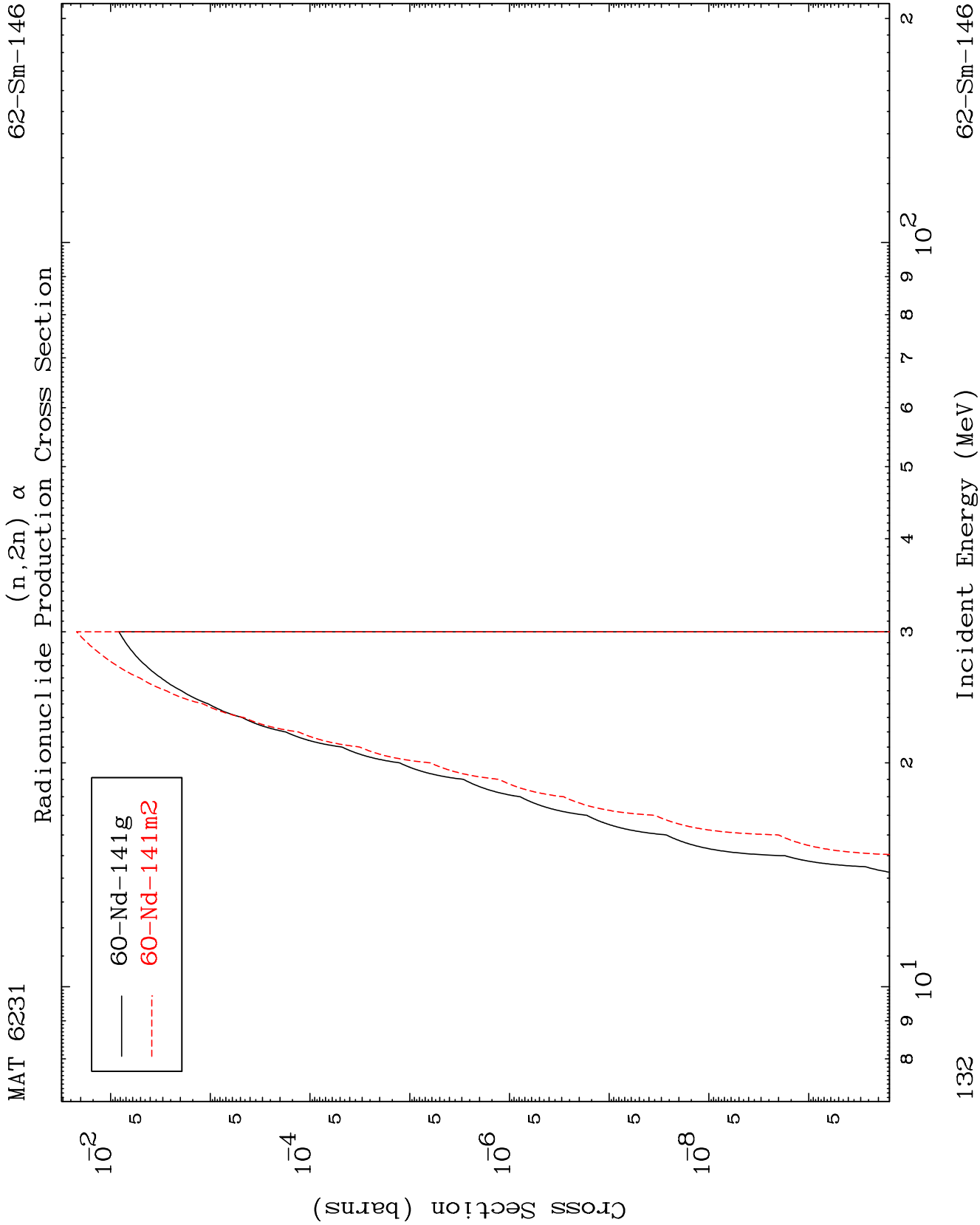


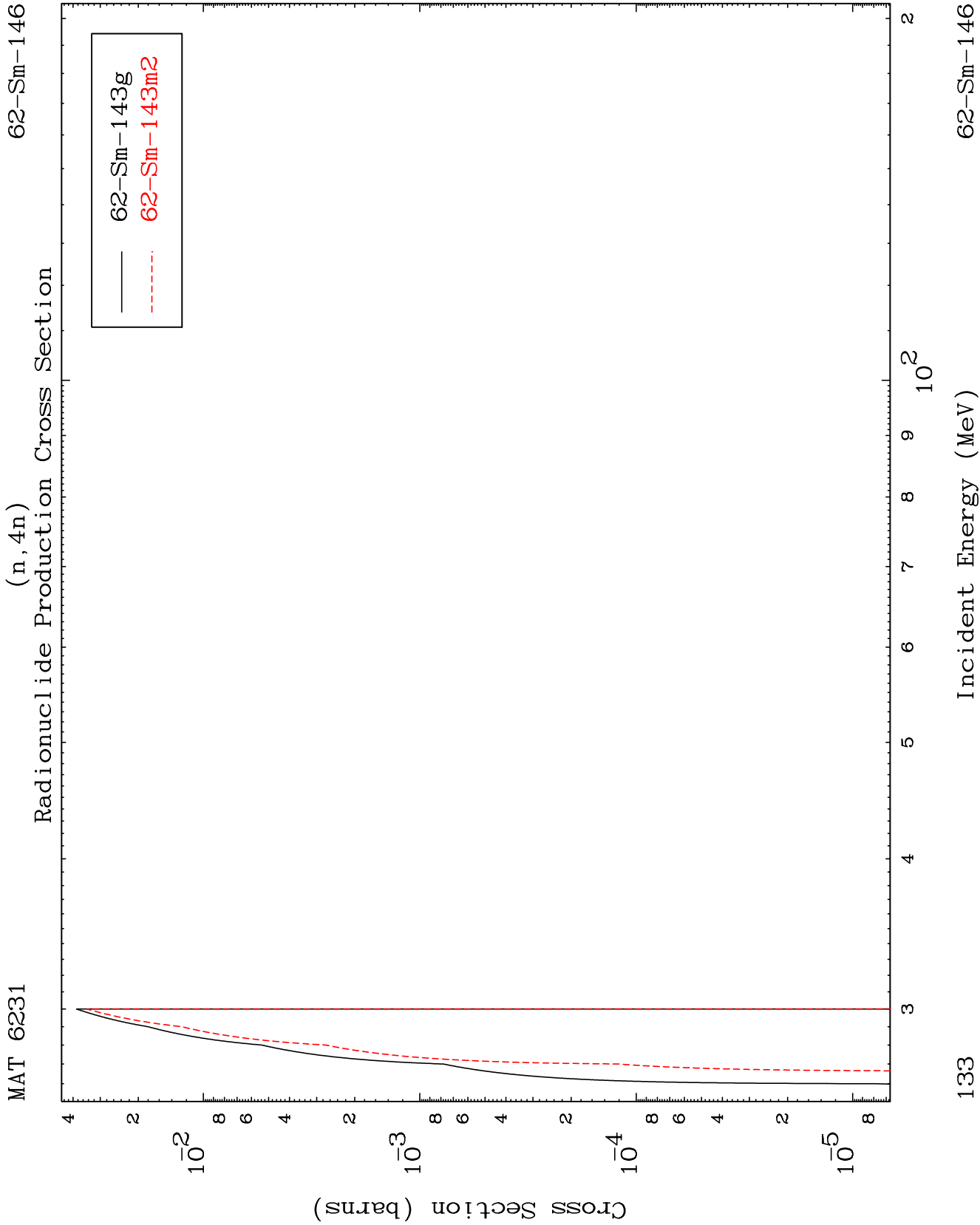








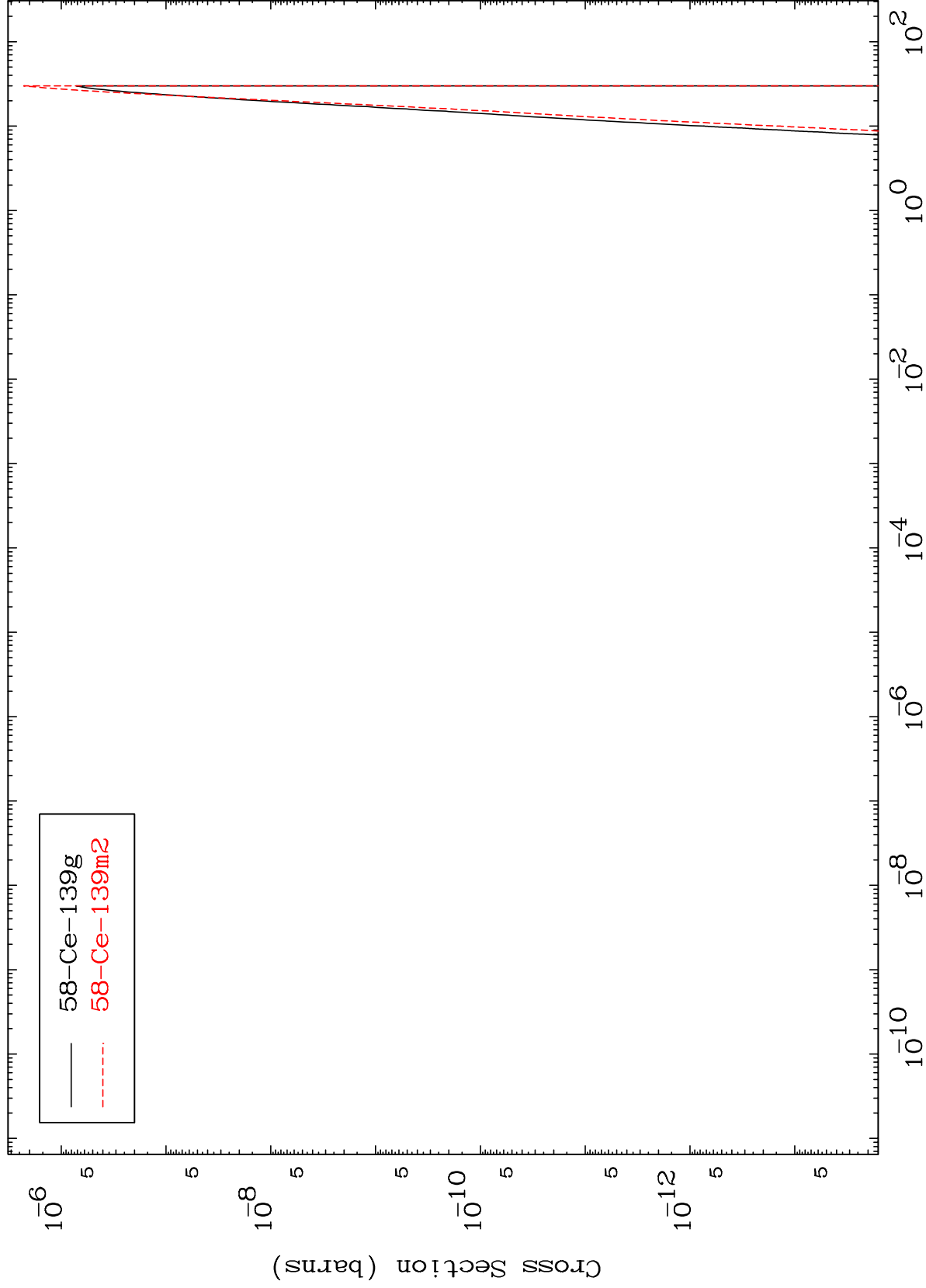




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(n,2α)
Radionuclide Production Cross Section



134

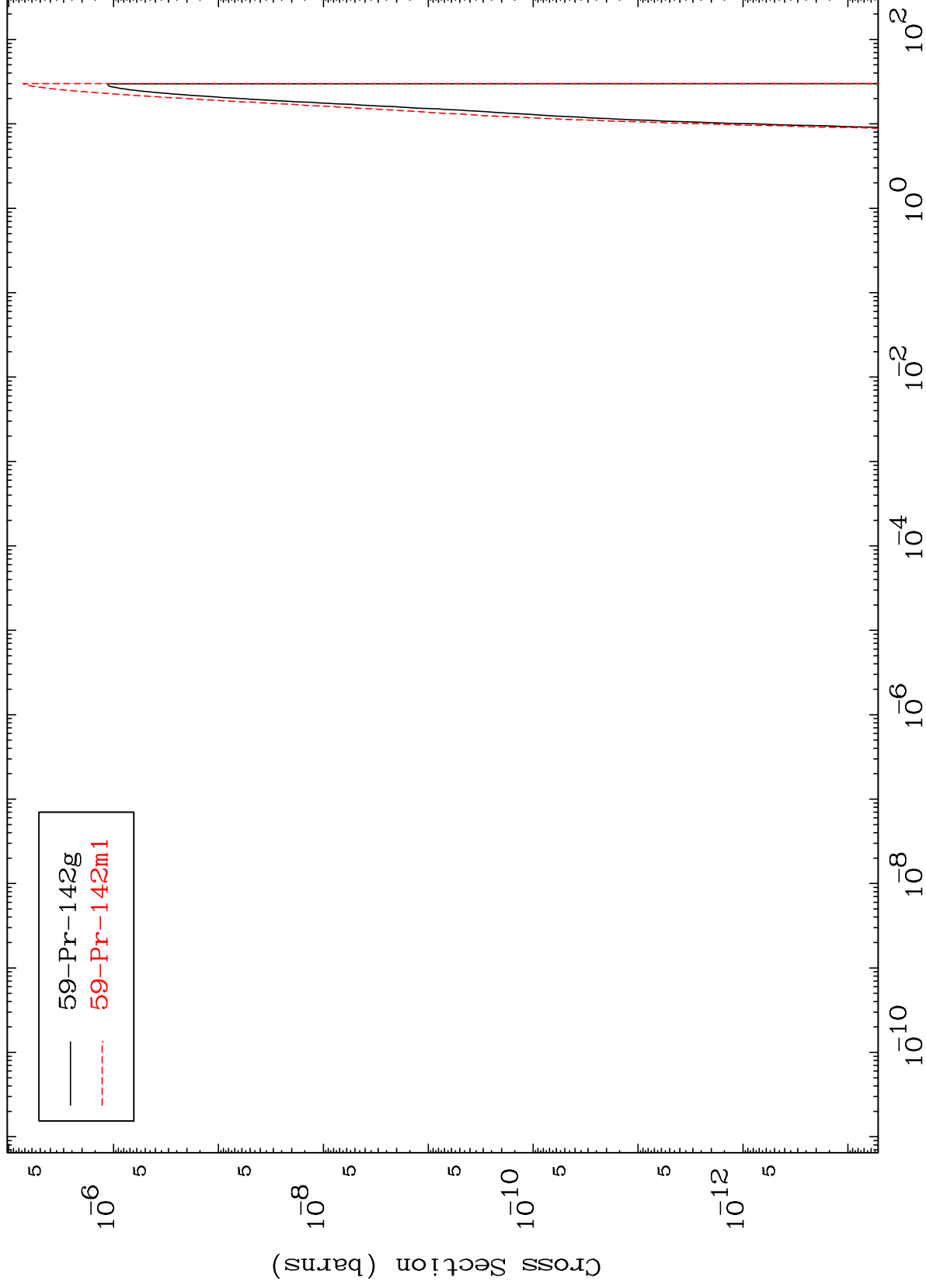
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MAT 6231

(n,p) α

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Radionuclide Production Cross Section



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Incident Energy (MeV)

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