

Program EVALPLOT
(Version 2021-1)

by

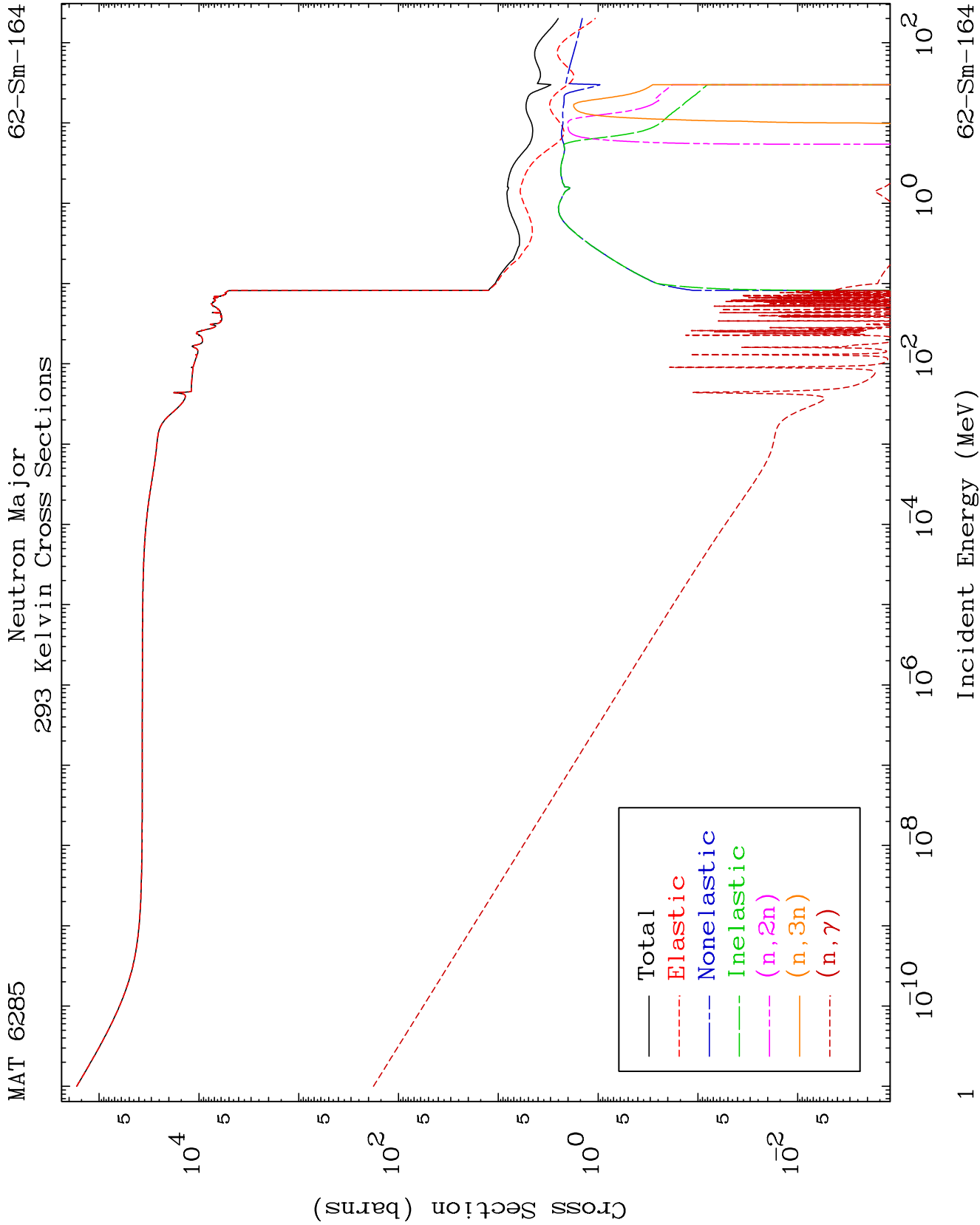
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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

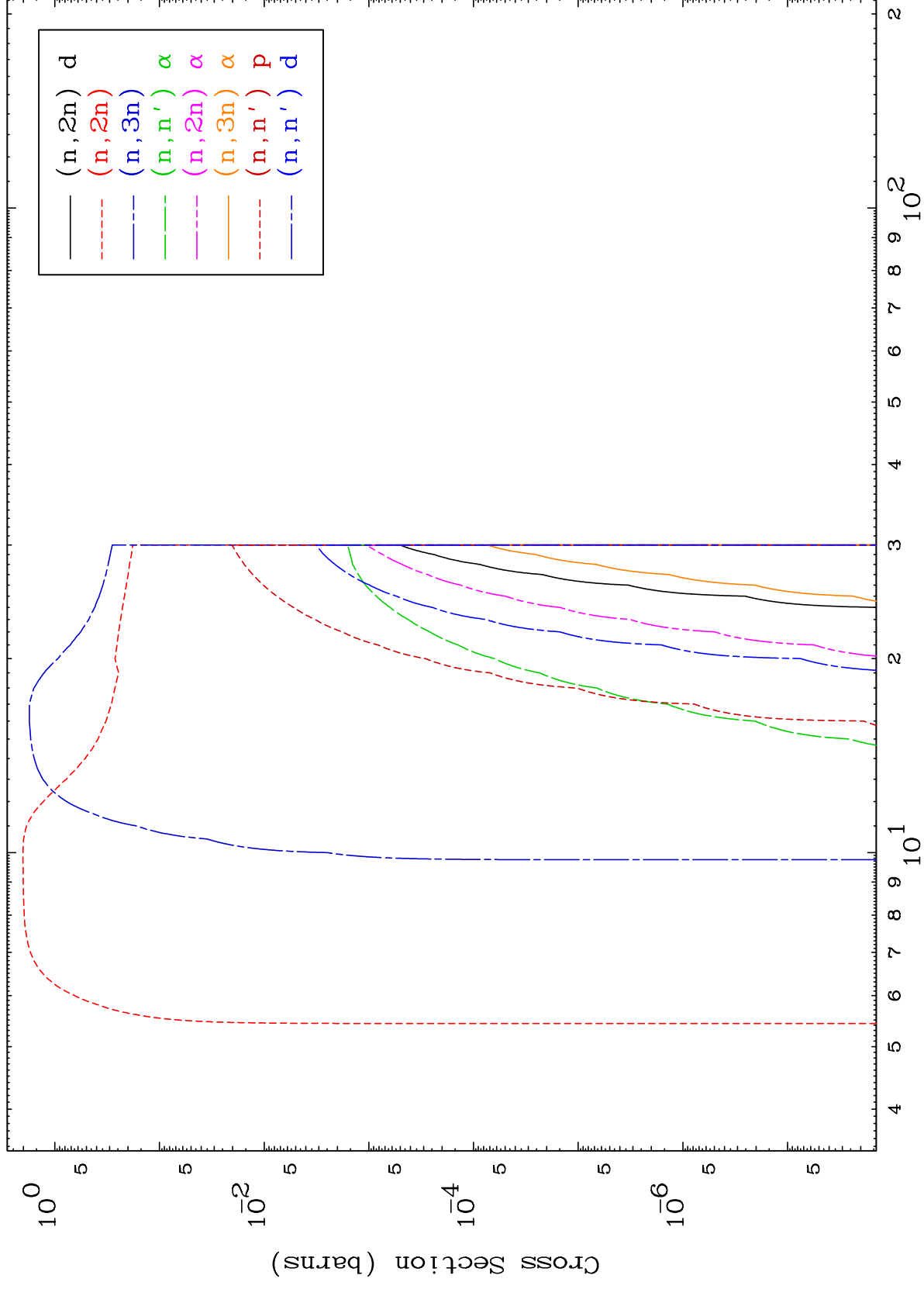
Press Mouse Button to Start



MAT 6285

Neutron Absorption
293 Kelvin Cross Sections

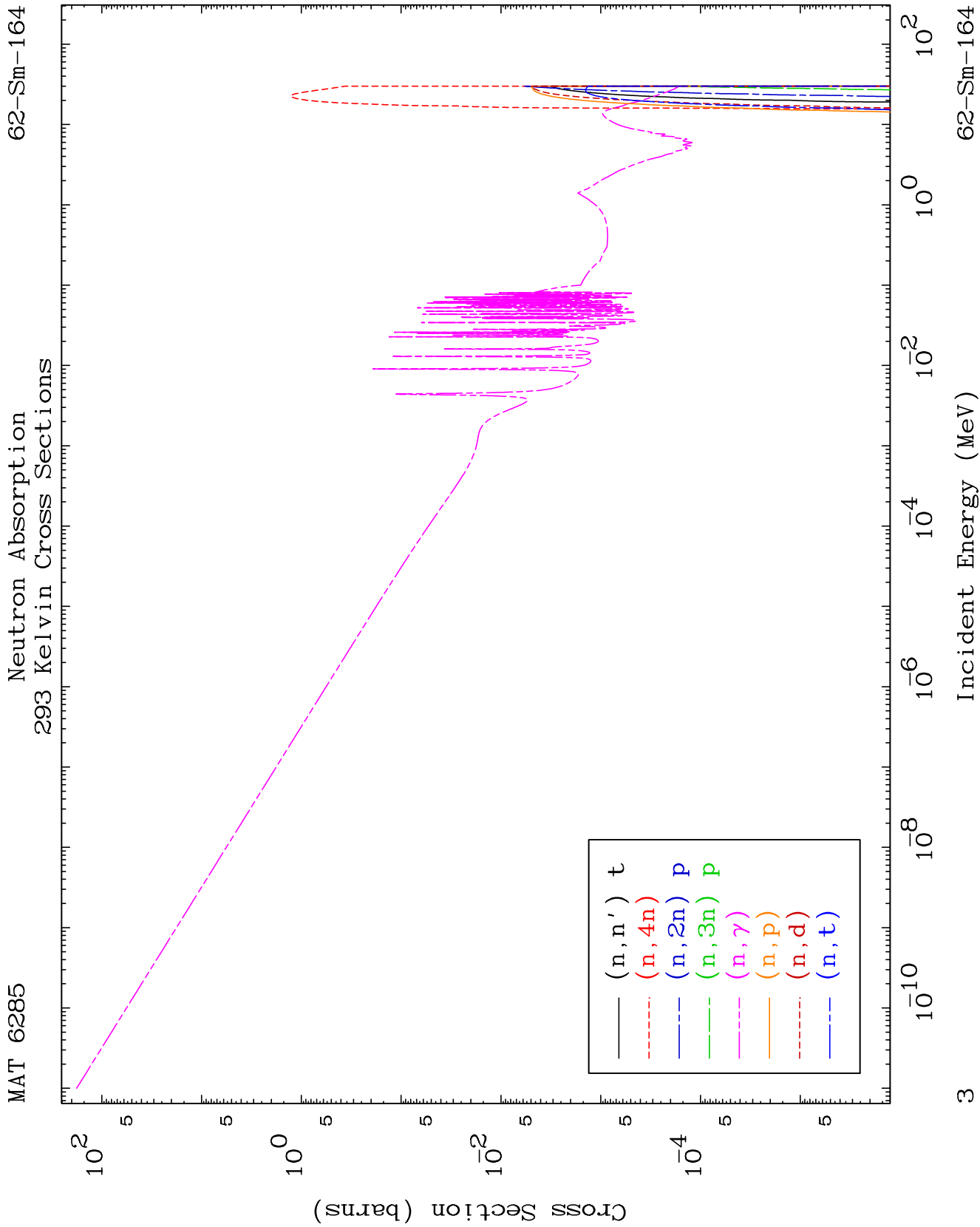
62-Sm-164

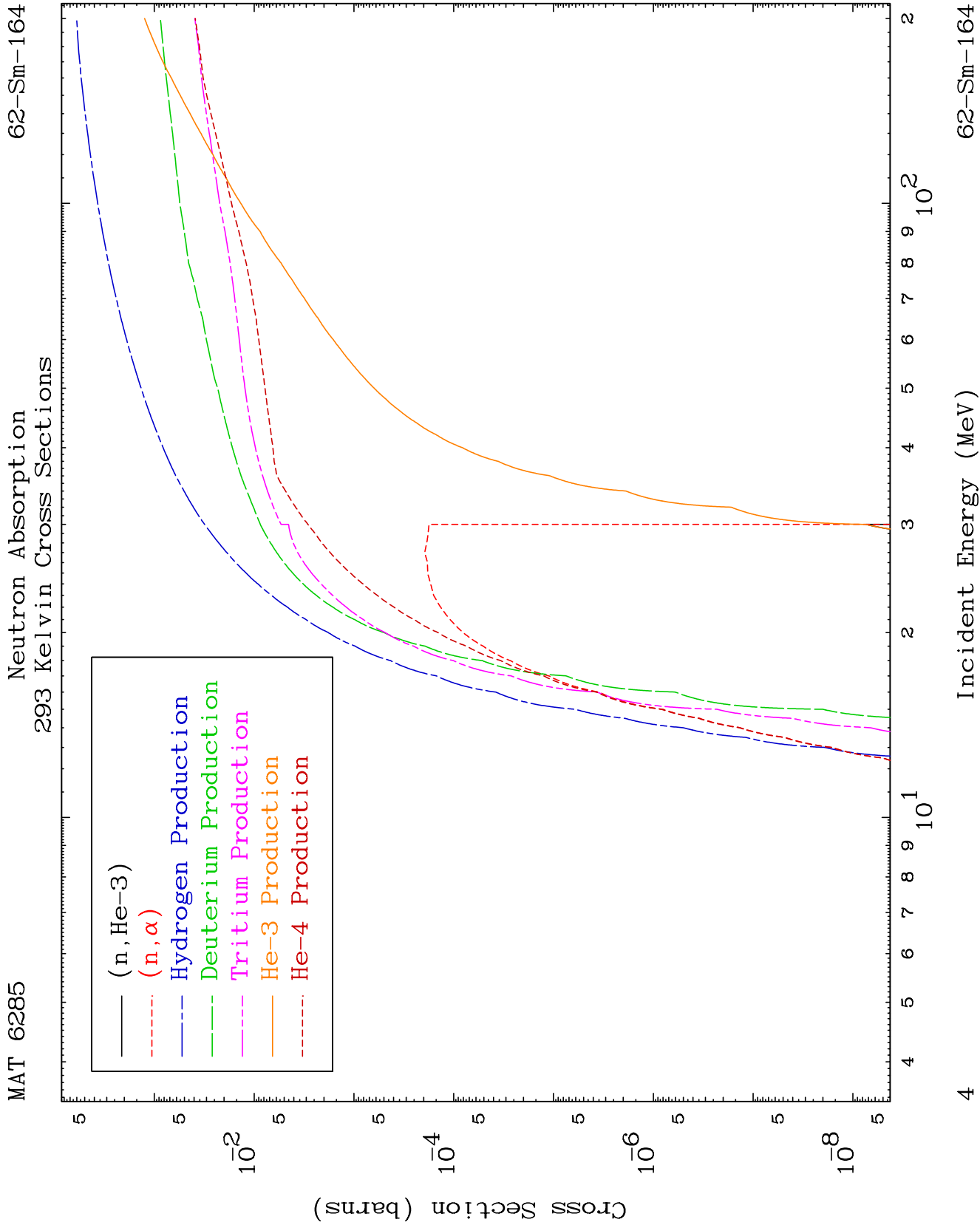


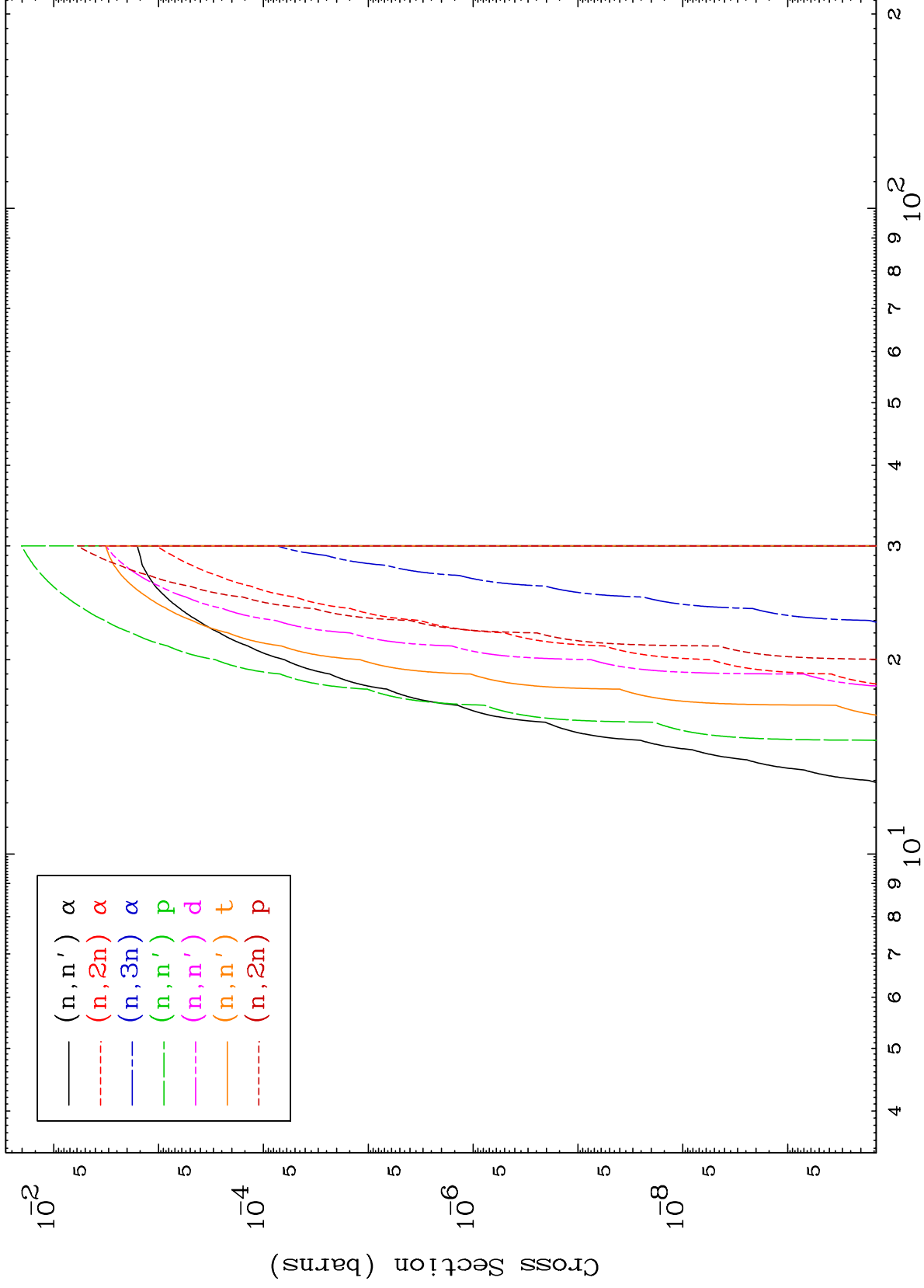
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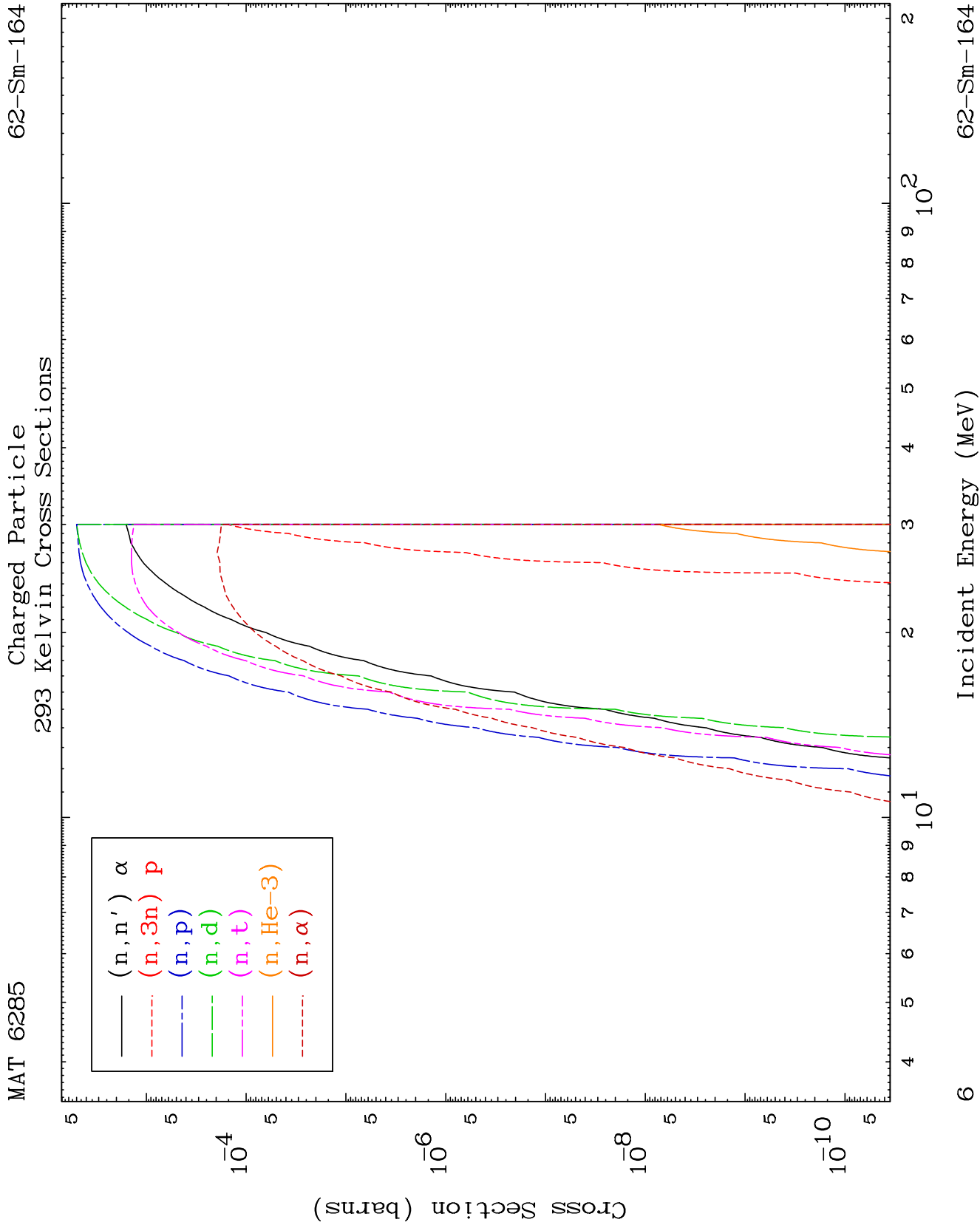
Incident Energy (MeV)

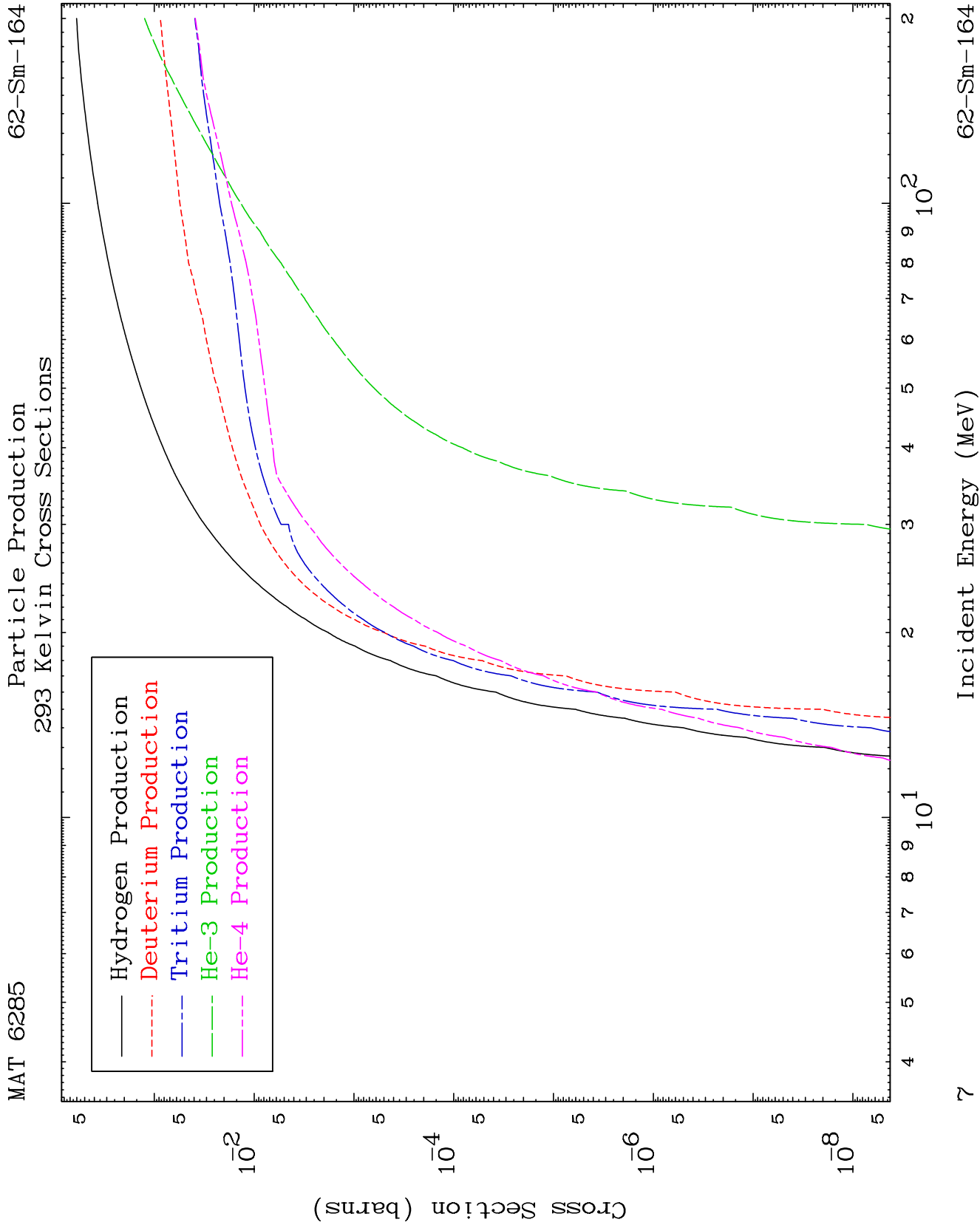
62-Sm-164

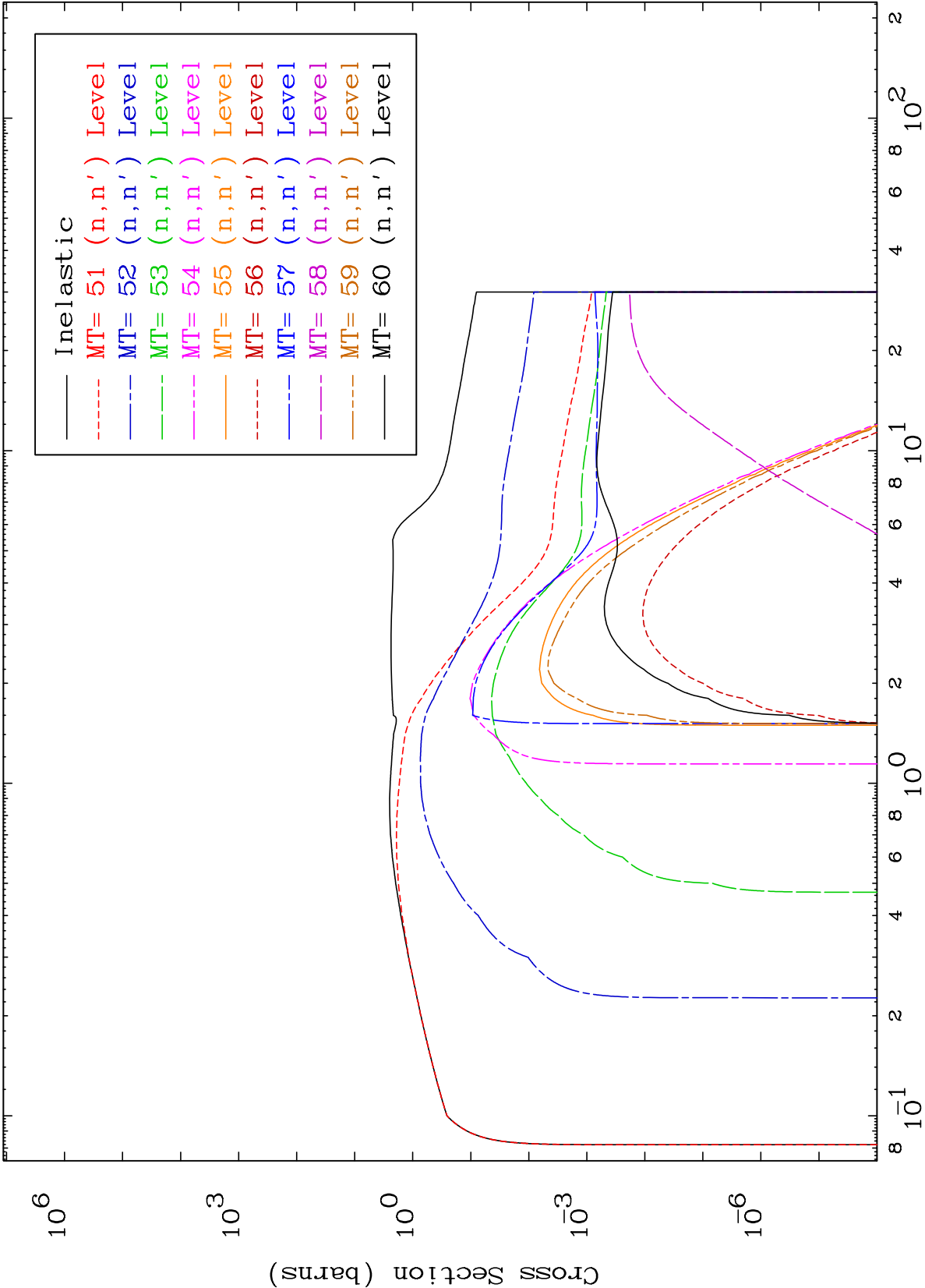


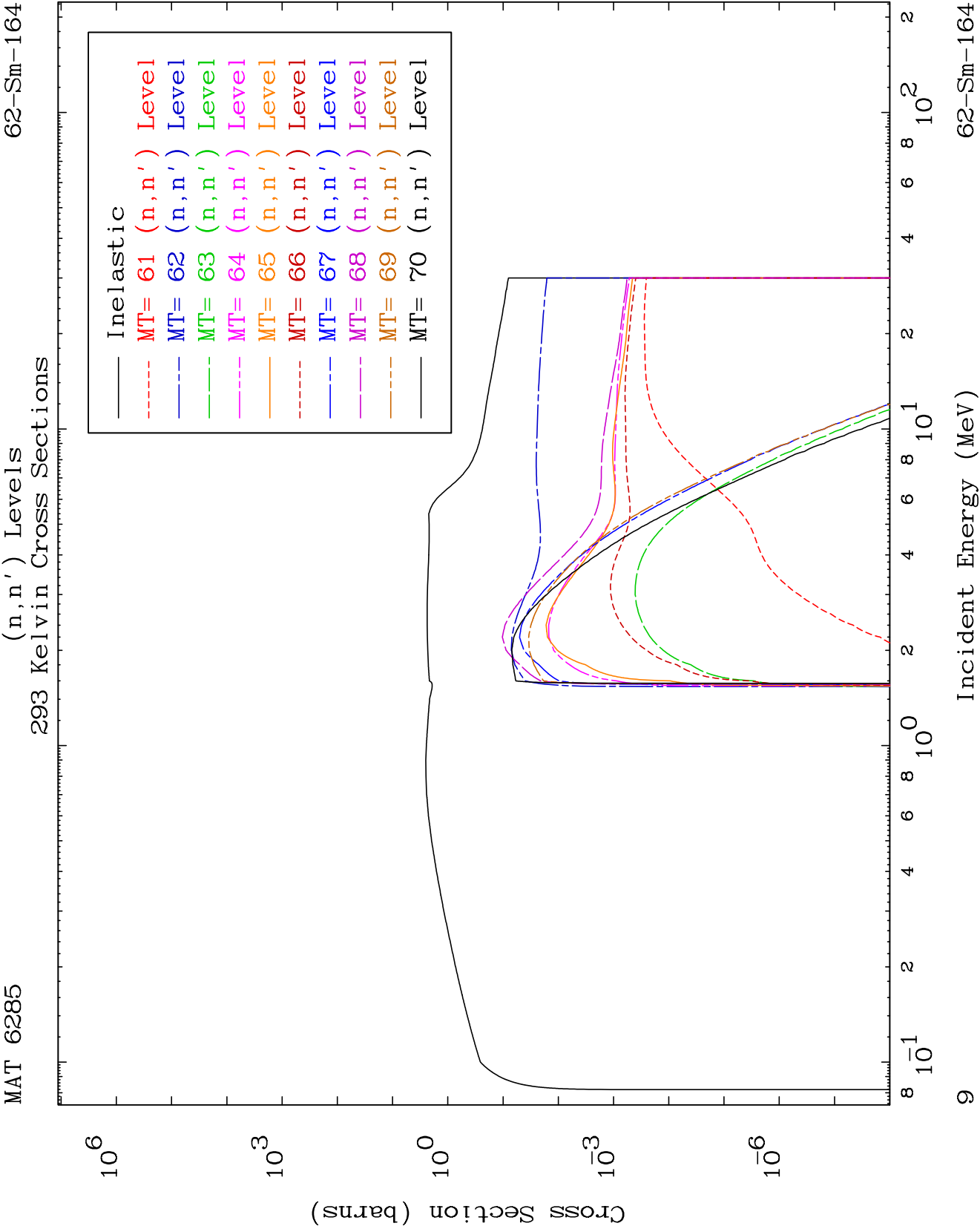


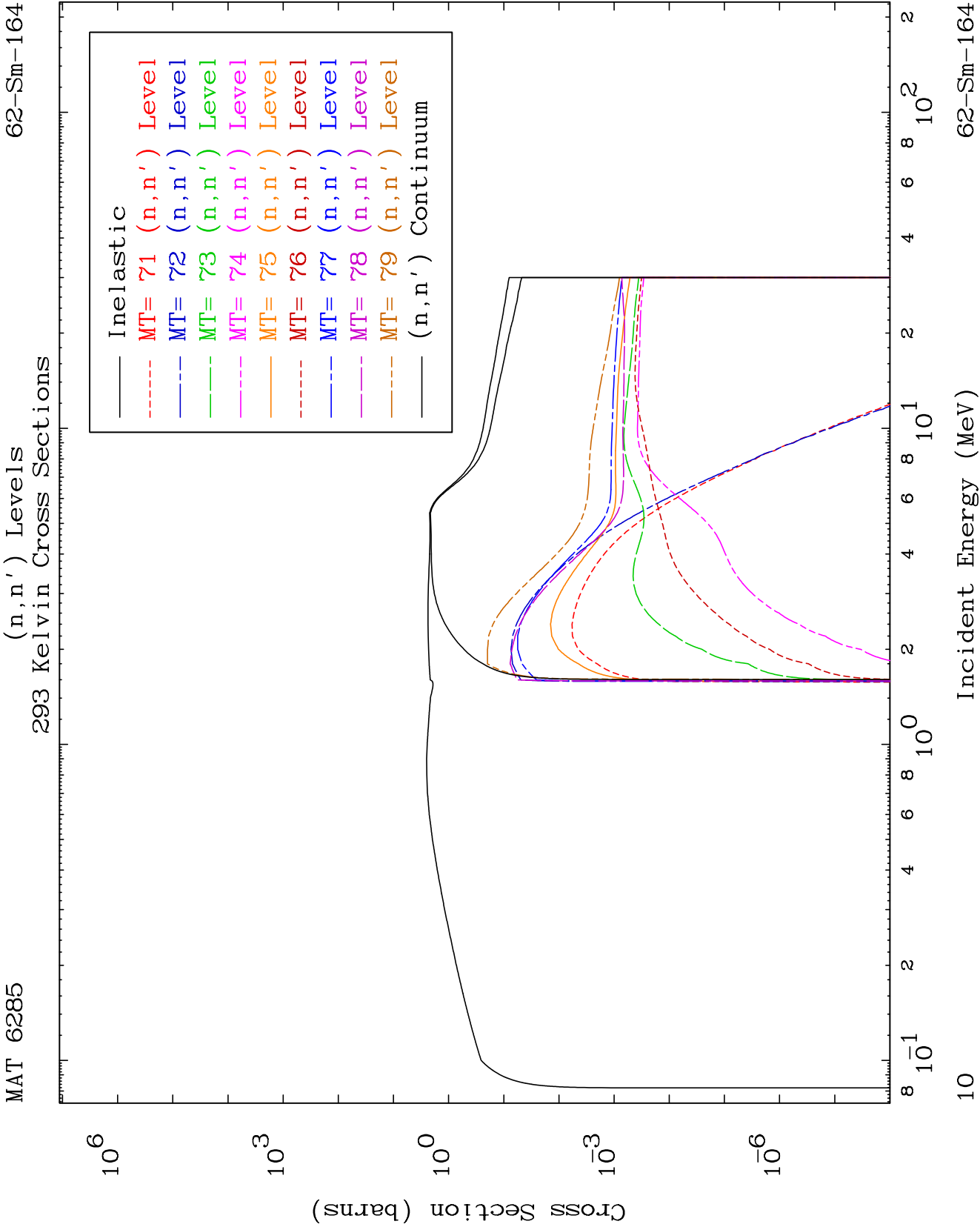








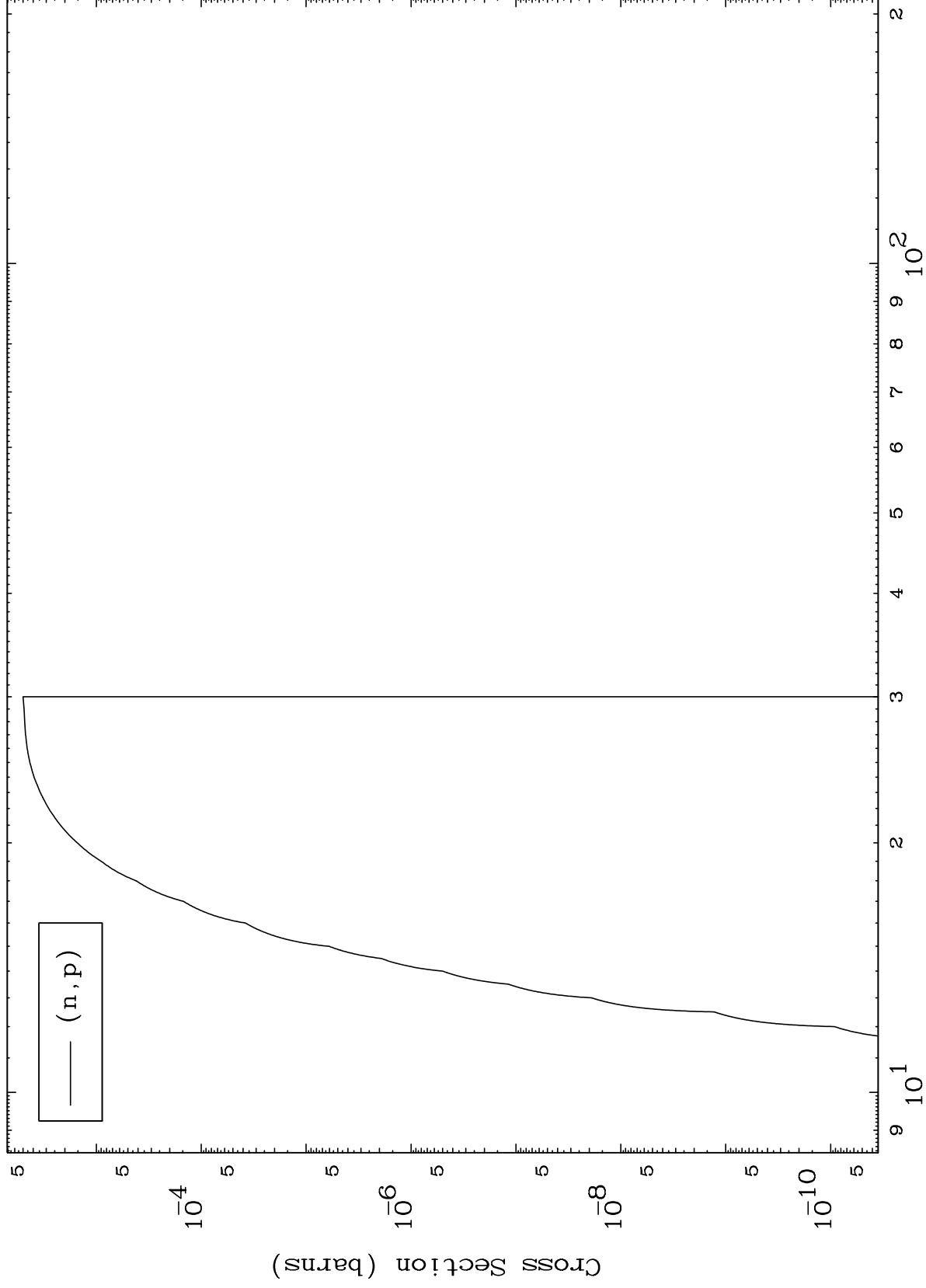




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62-Sm-164

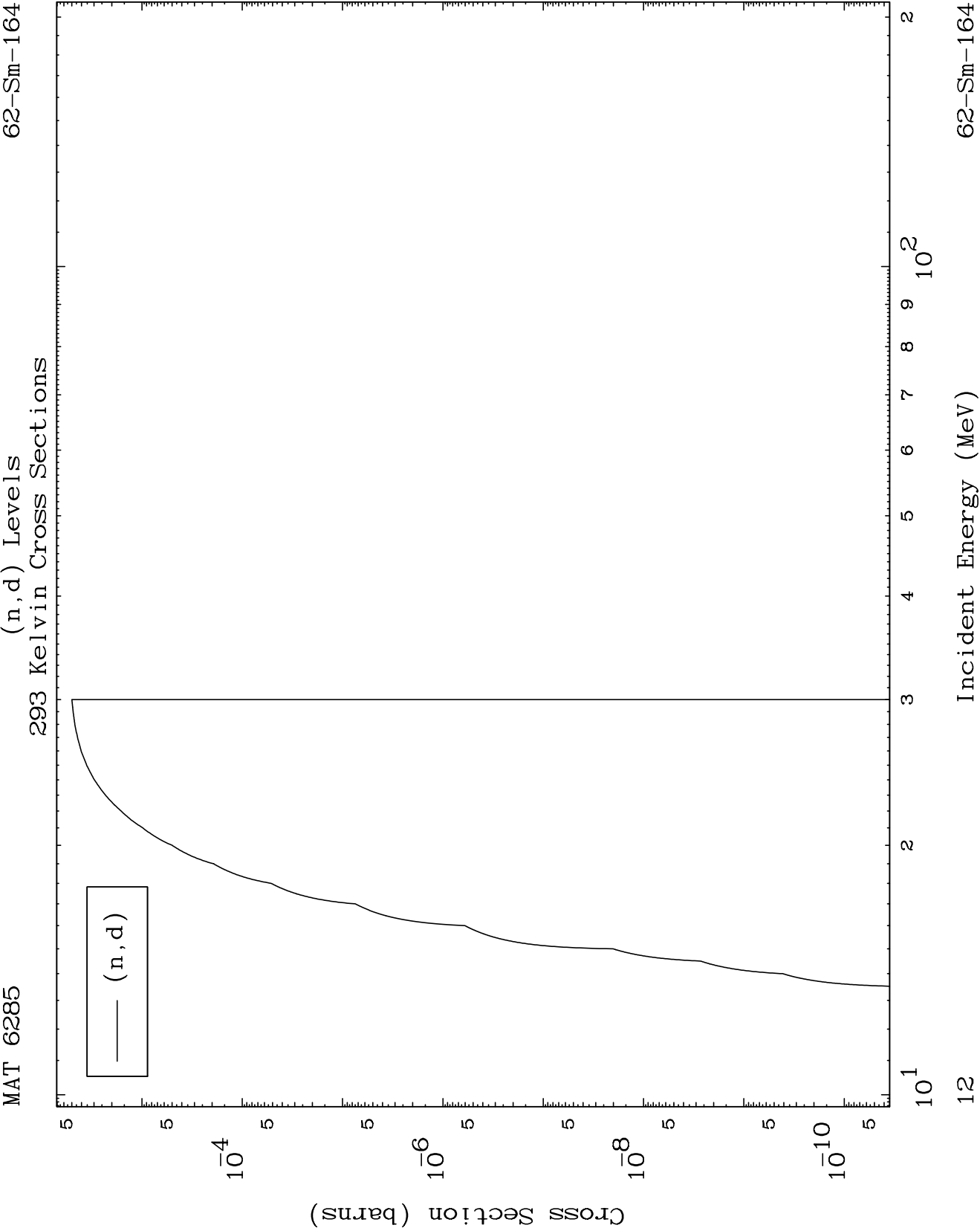
(n,p) Levels
293 Kelvin Cross Sections



62-Sm-164

Incident Energy (MeV)

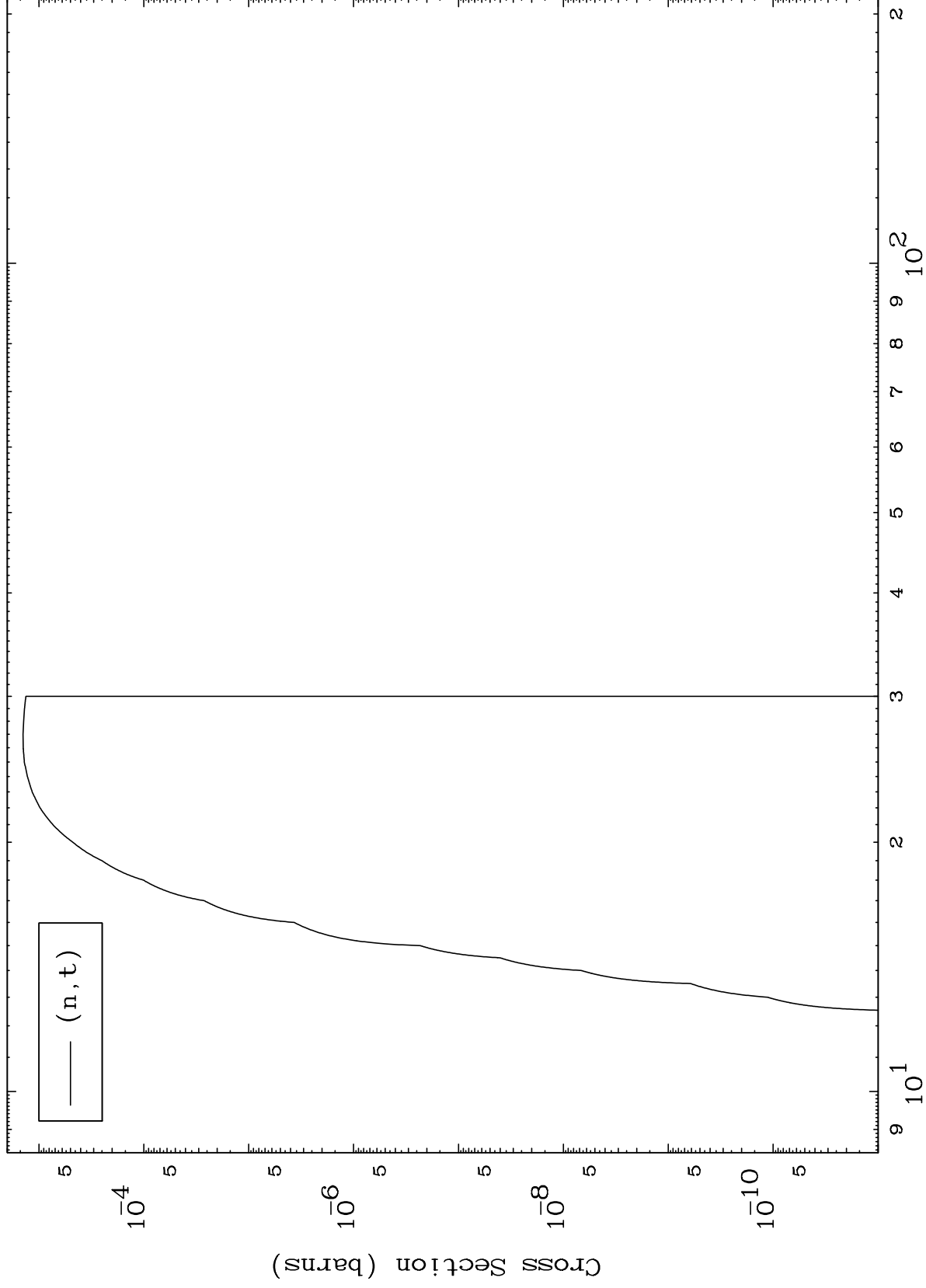
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62-Sm-164

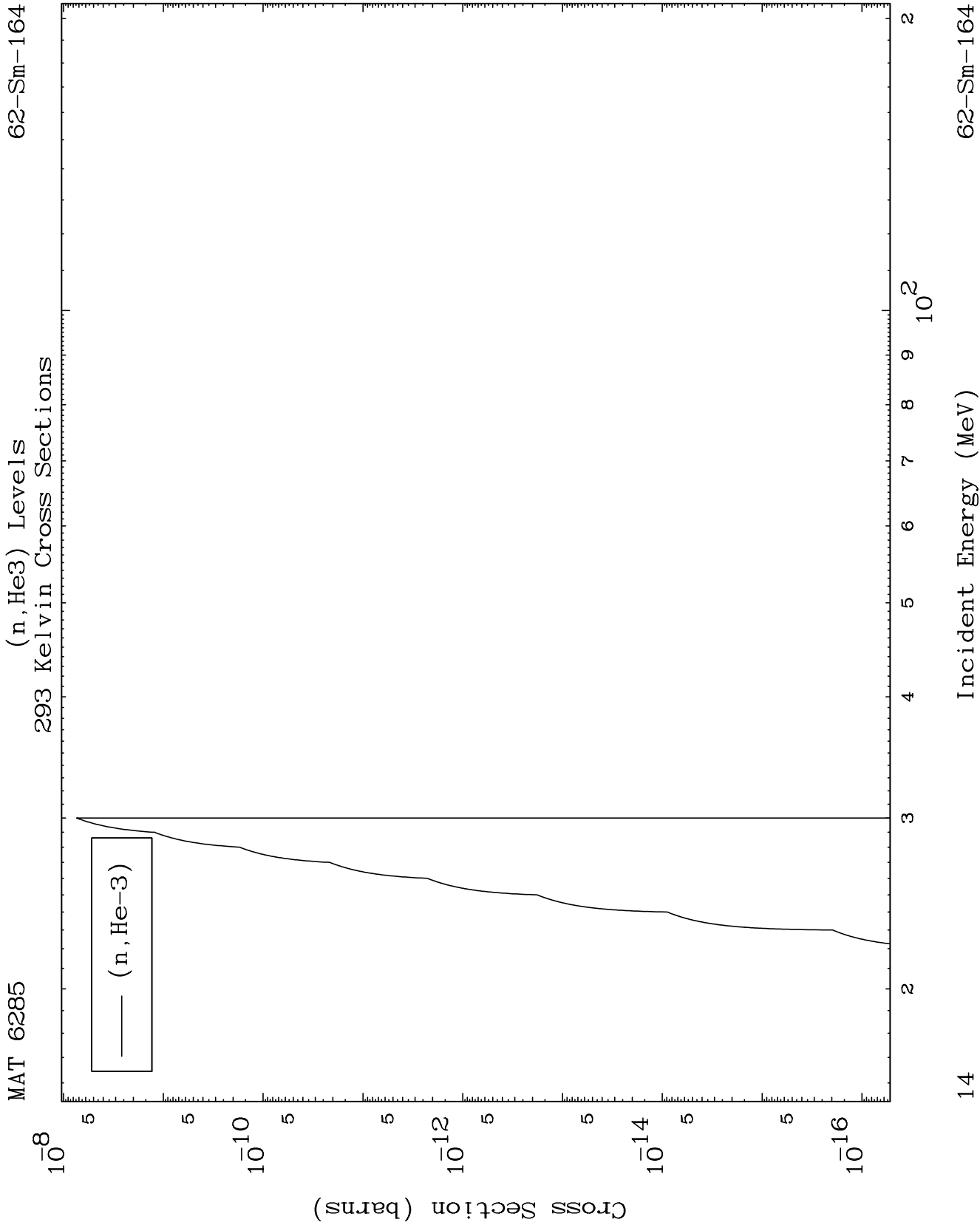
(n,t) Levels
293 Kelvin Cross Sections



62-Sm-164

Incident Energy (MeV)

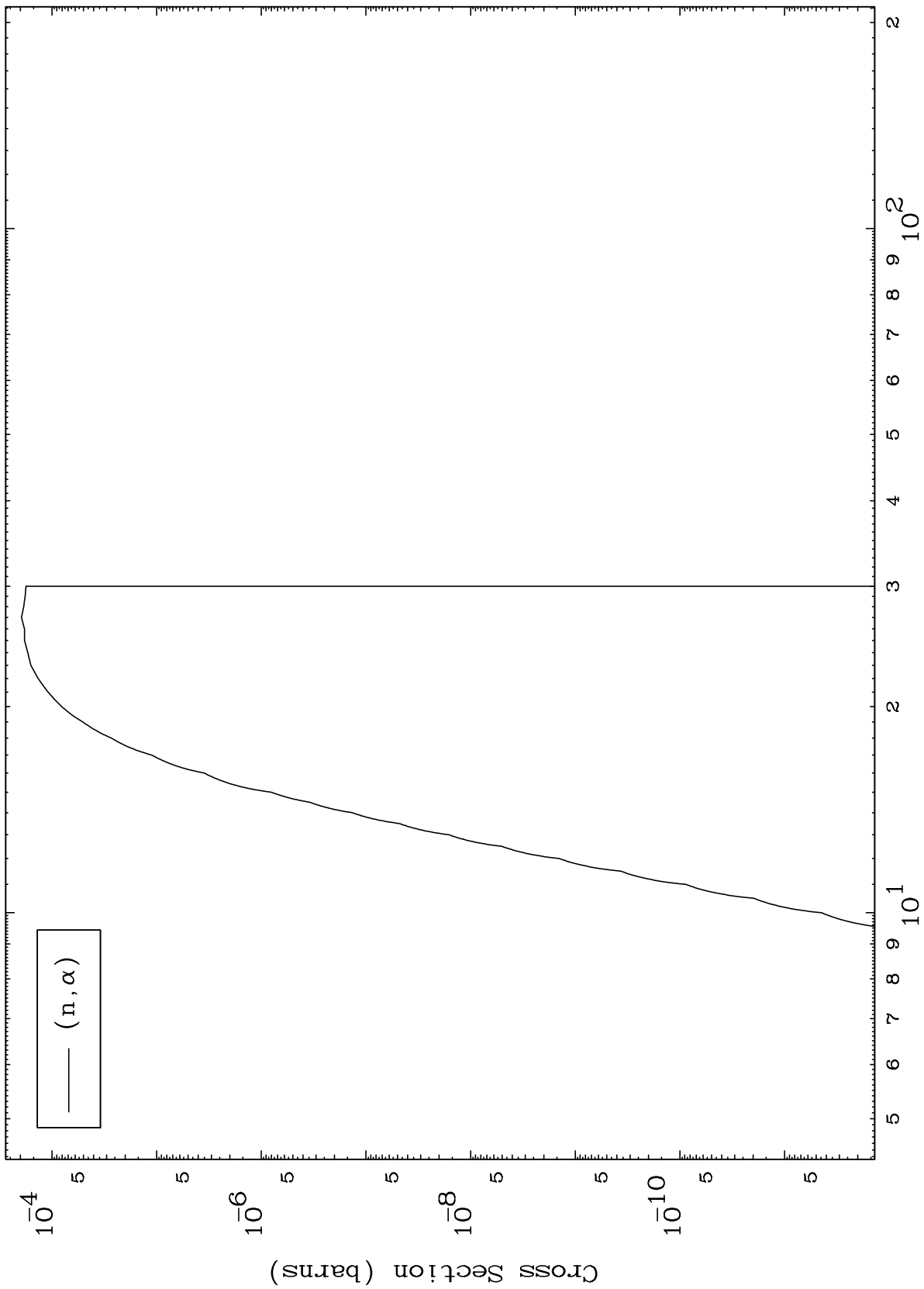
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62-Sm-164

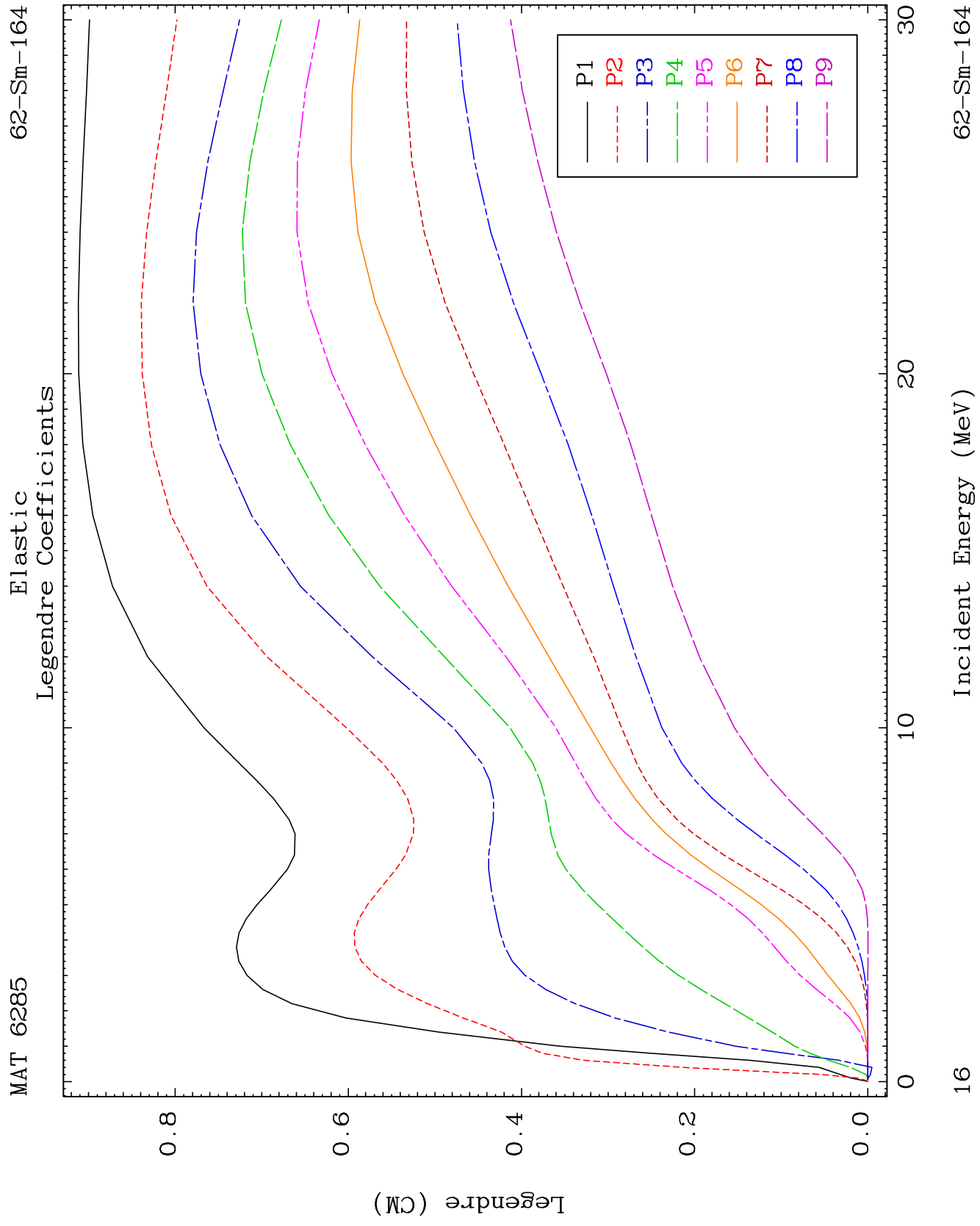
(n, α) Levels
293 Kelvin Cross Sections

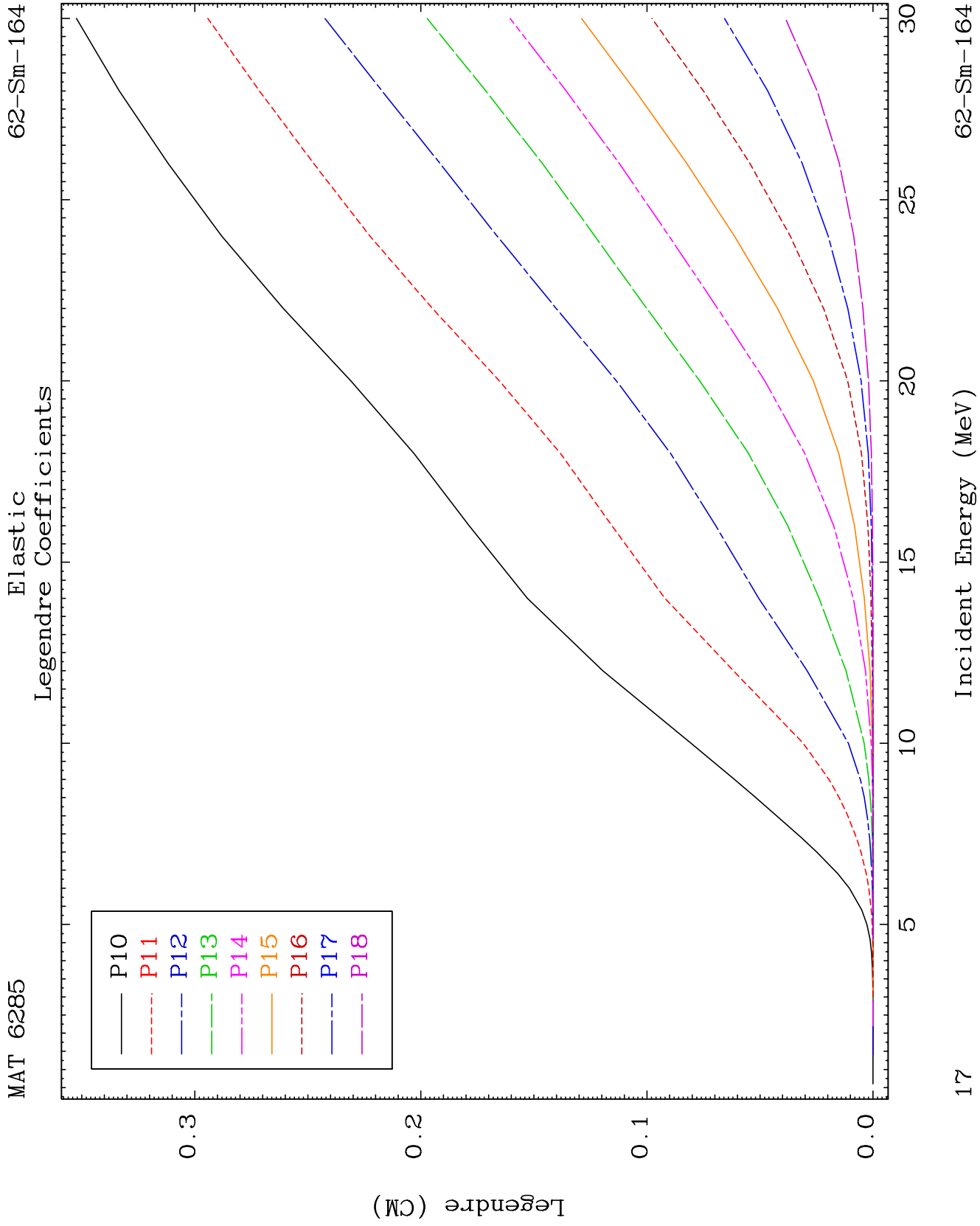


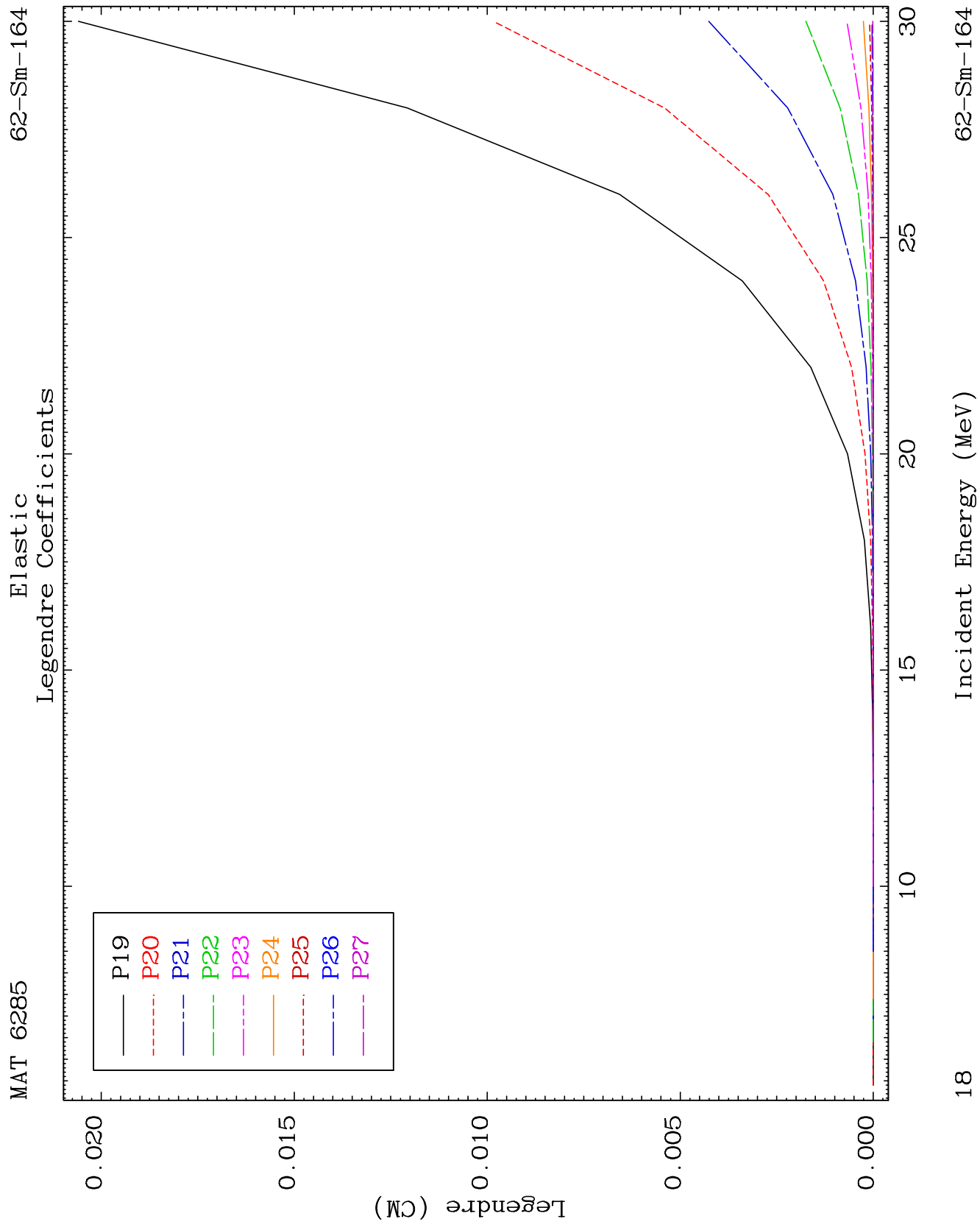
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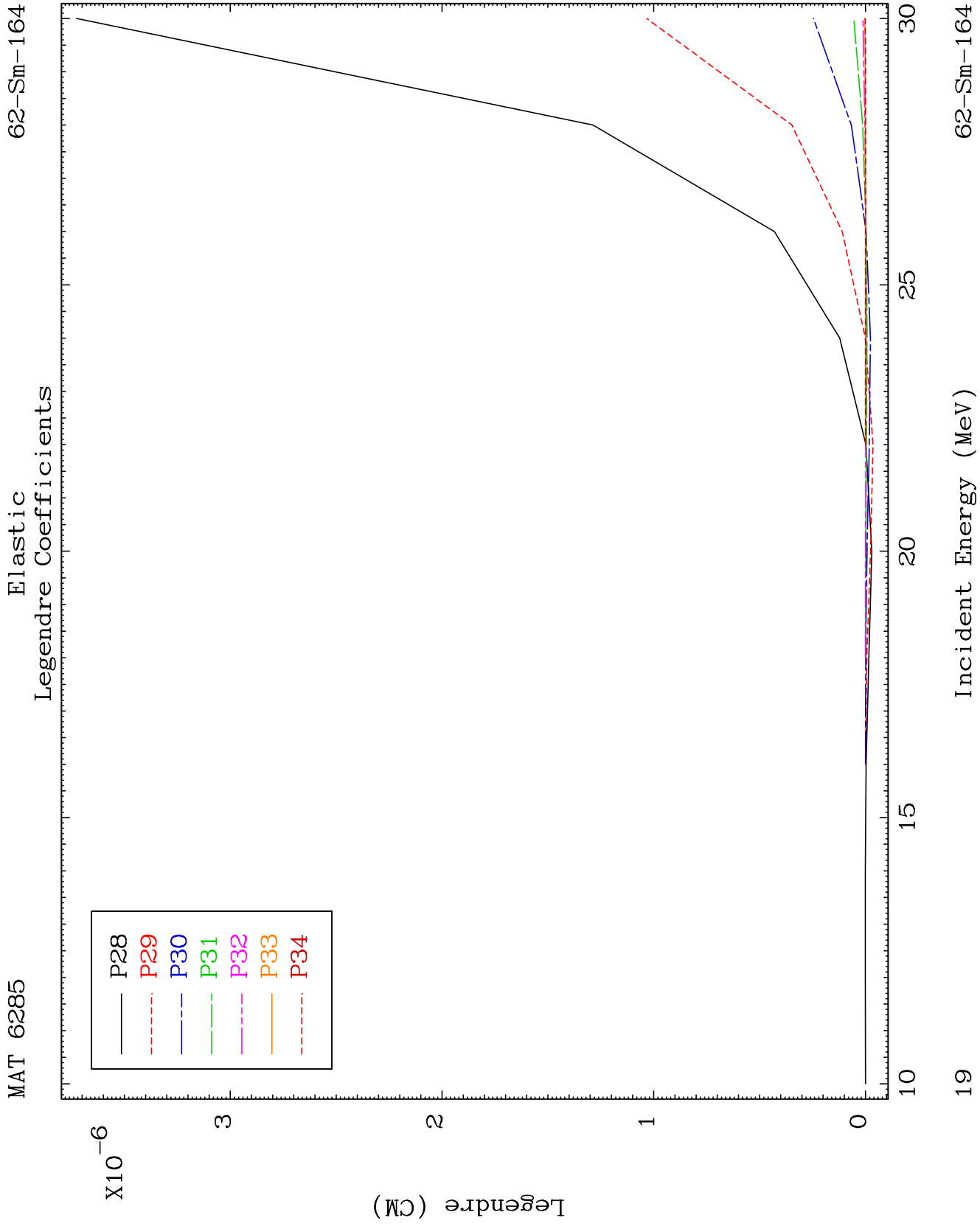
Incident Energy (MeV)

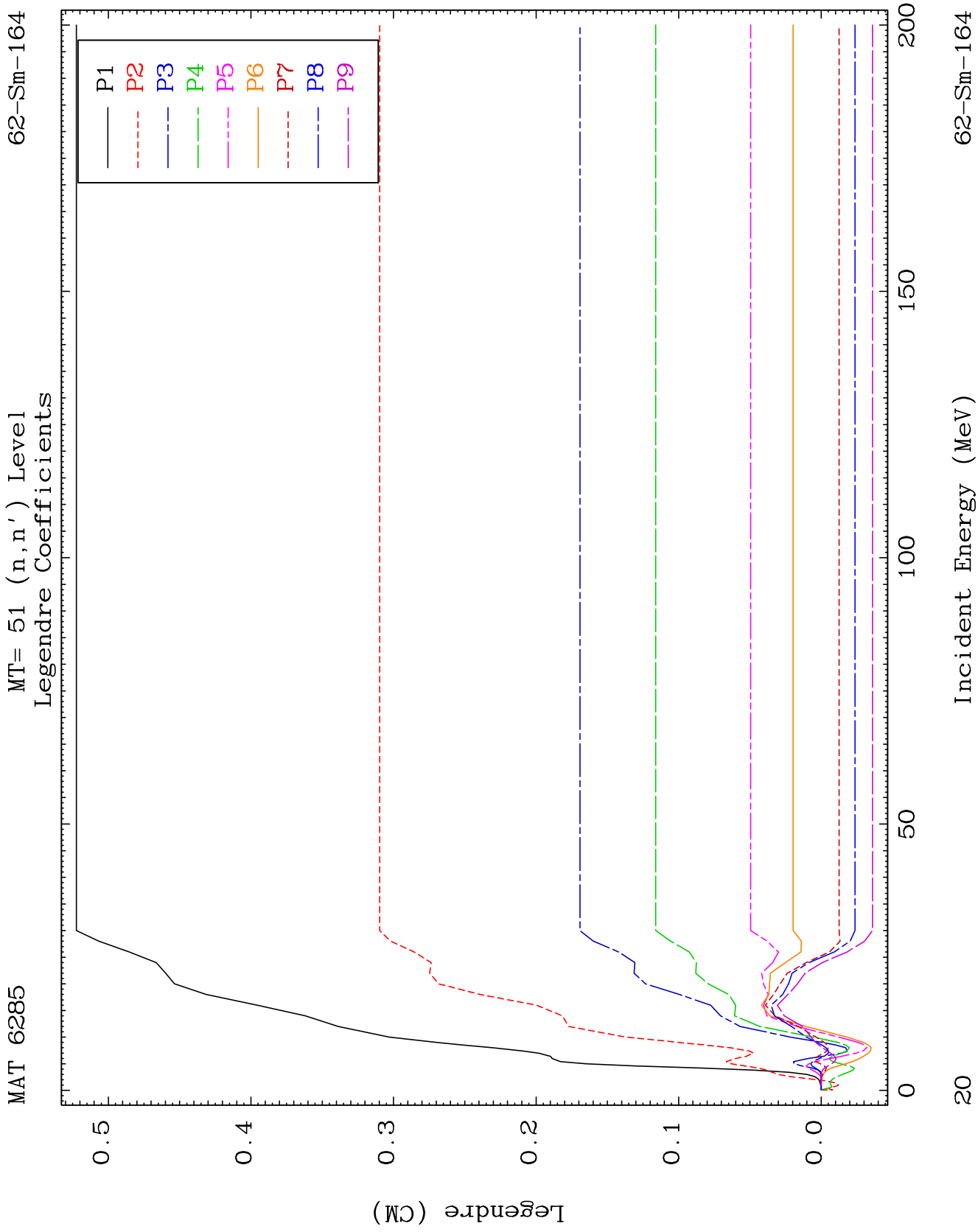
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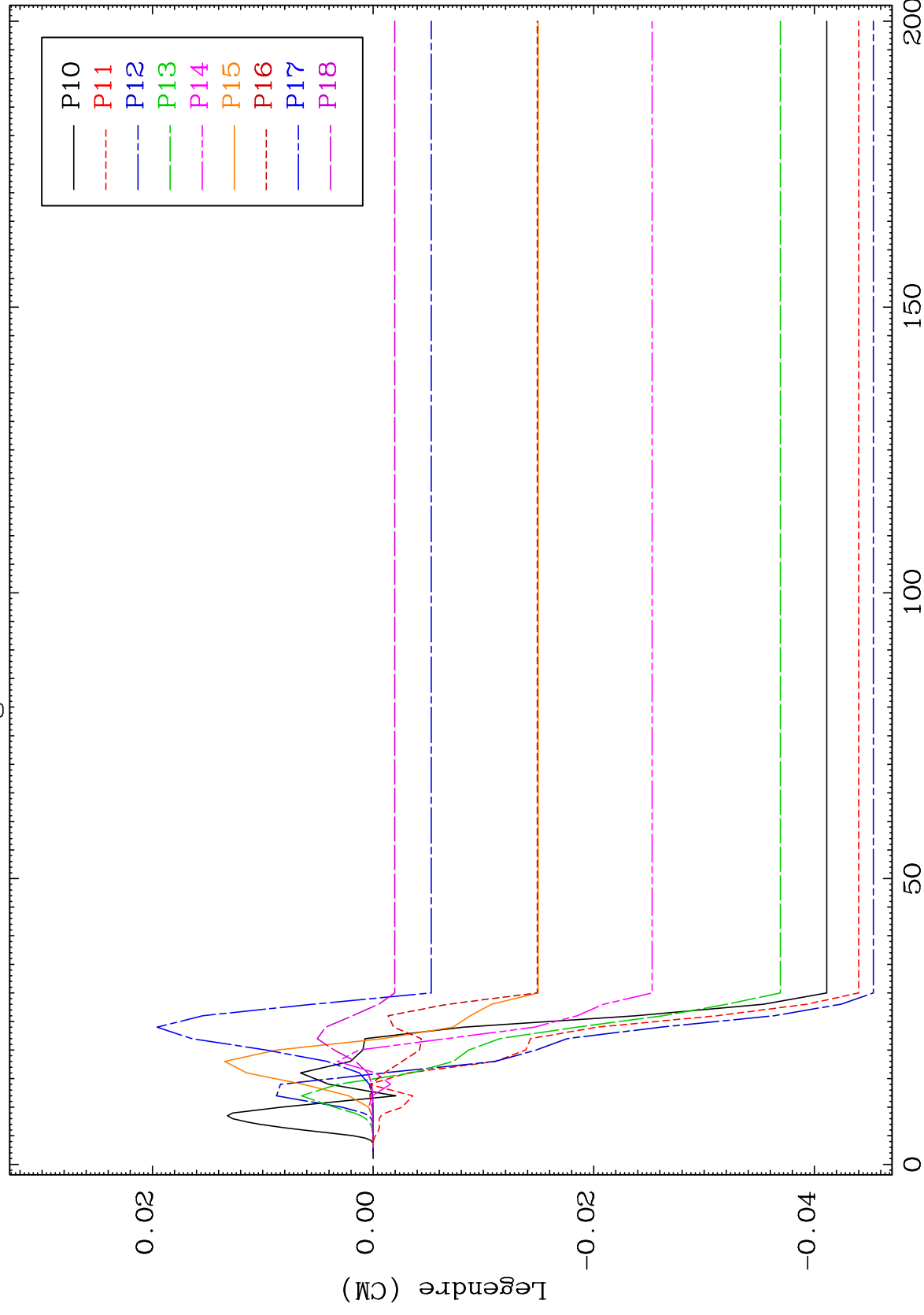




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MT= 51 (n, n') Level
Legendre Coefficients

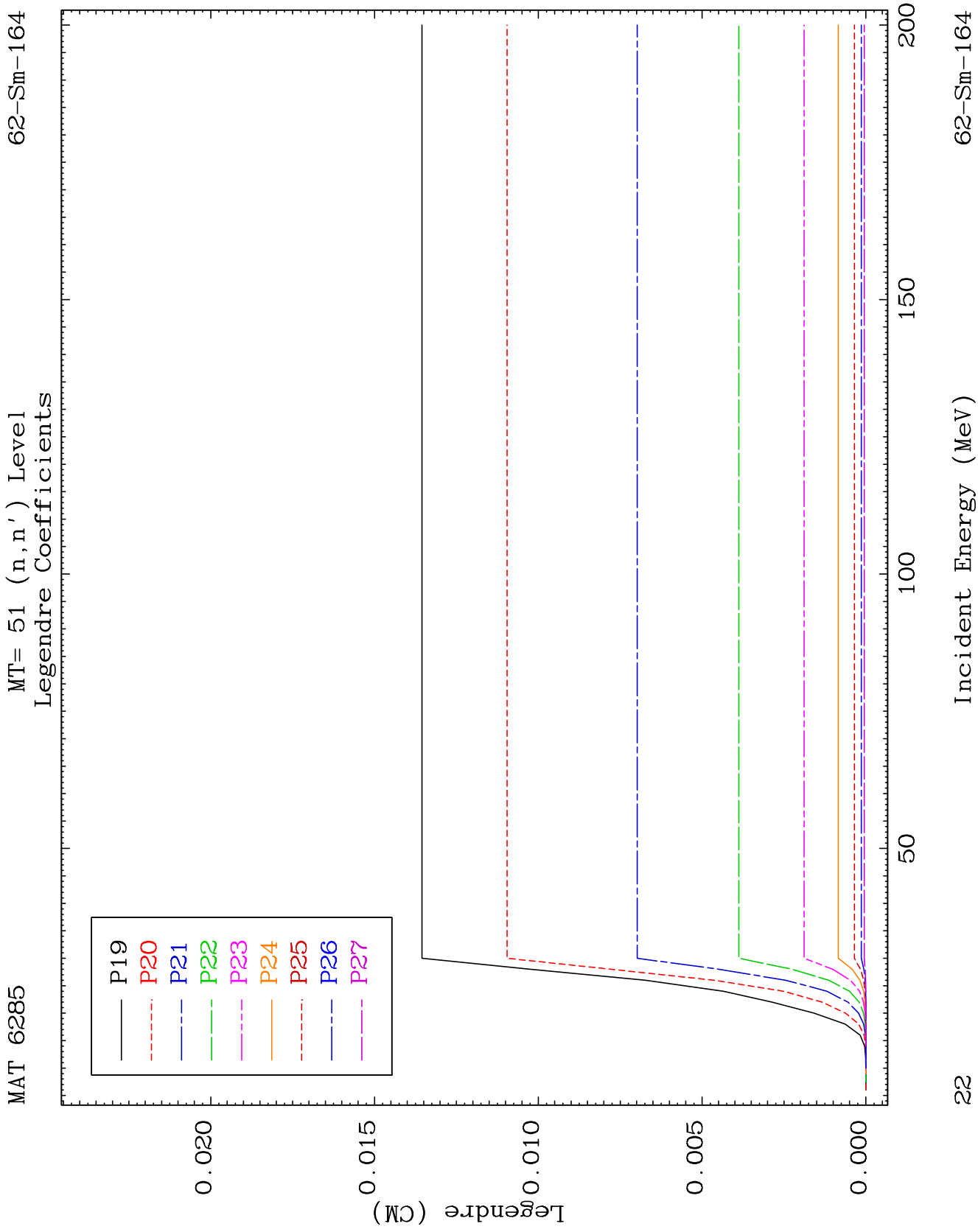
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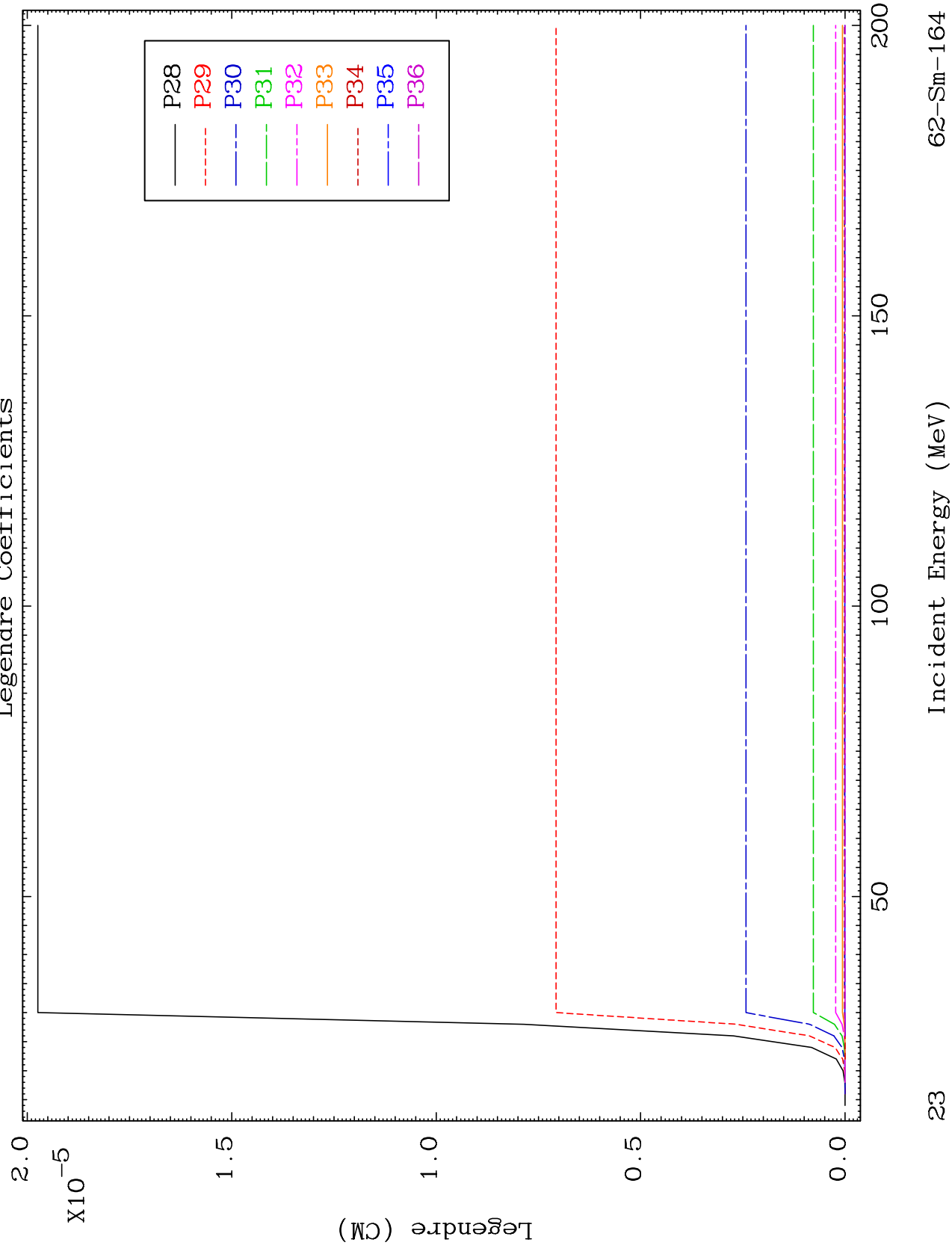


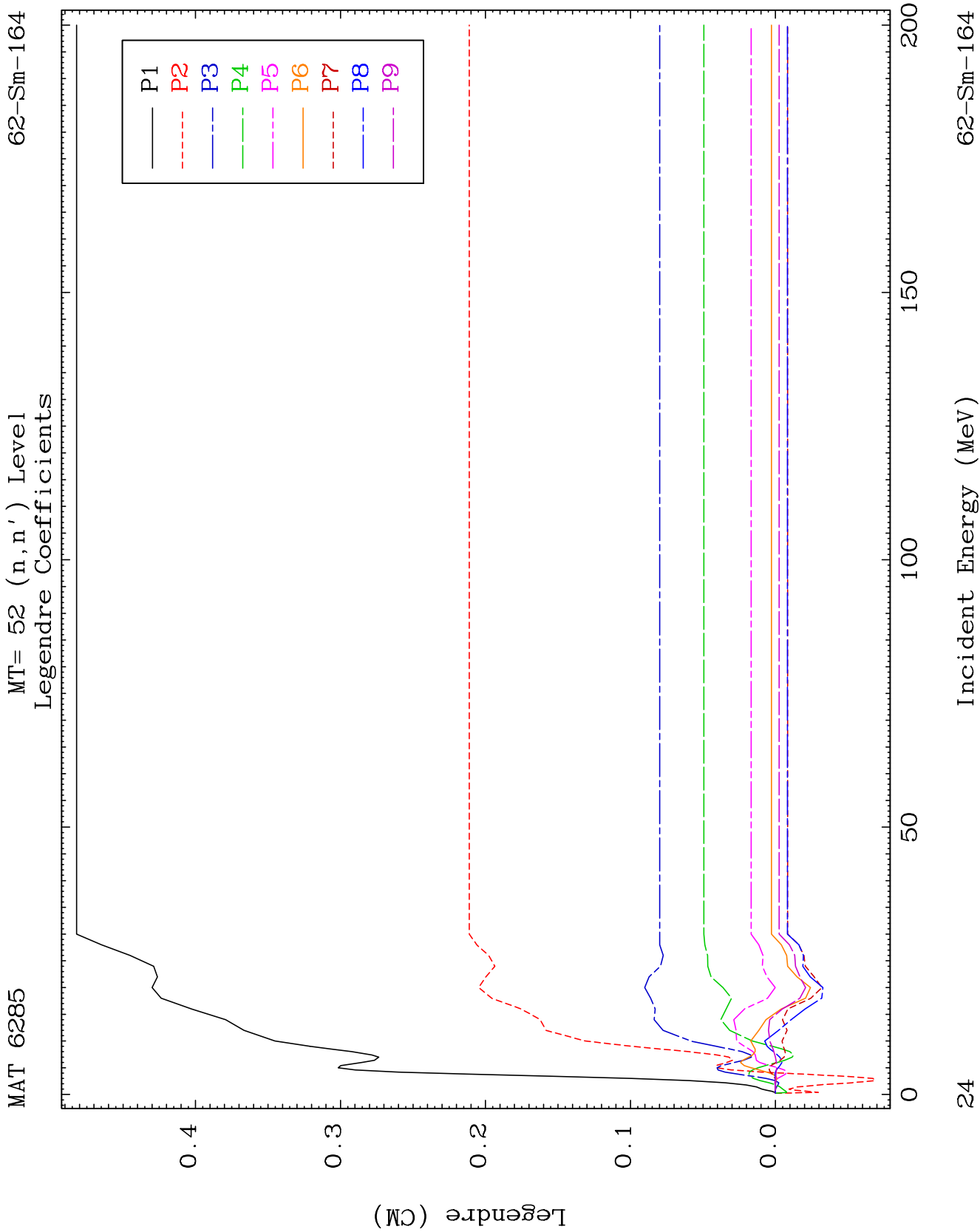
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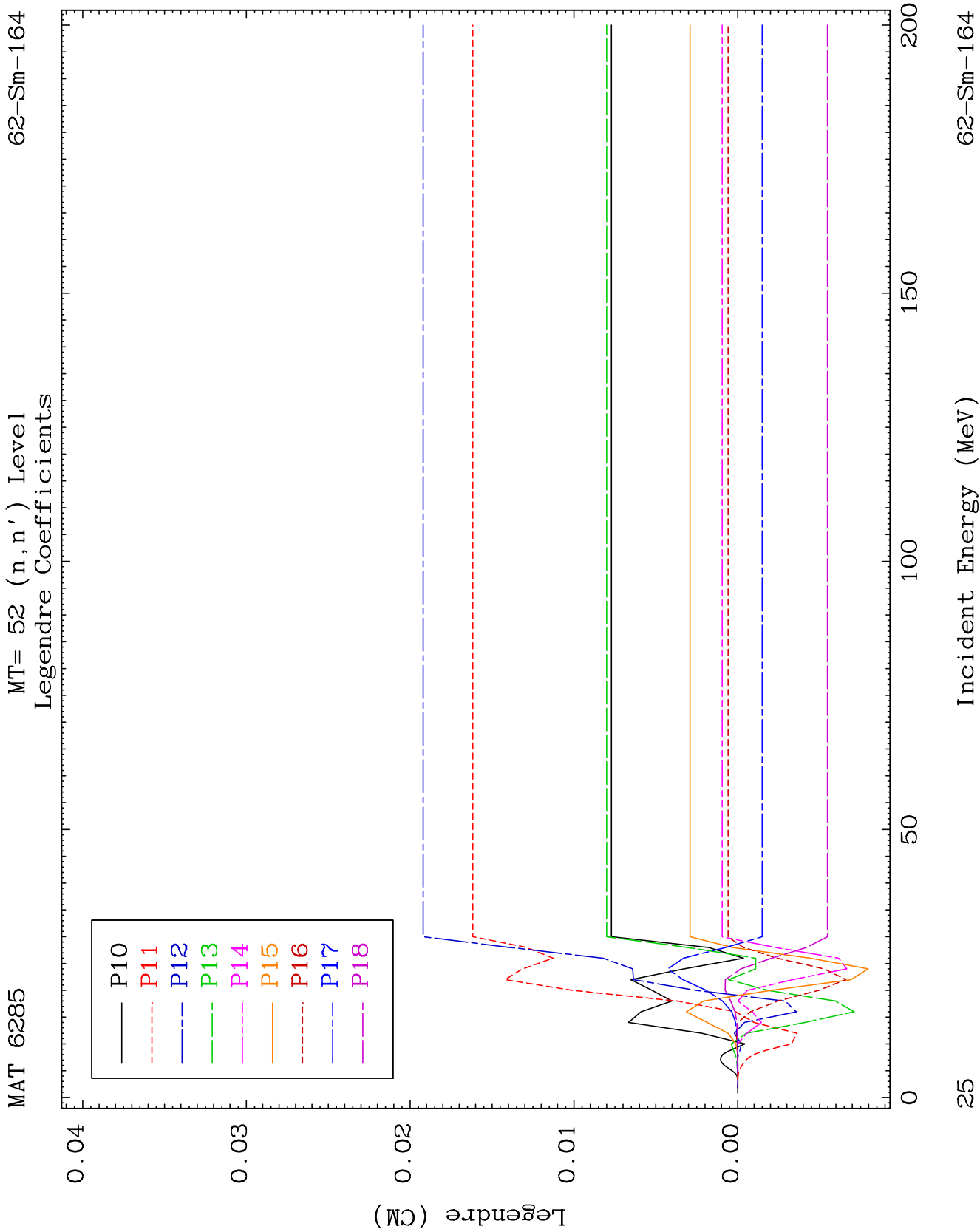
Incident Energy (MeV)

62-Sm-164





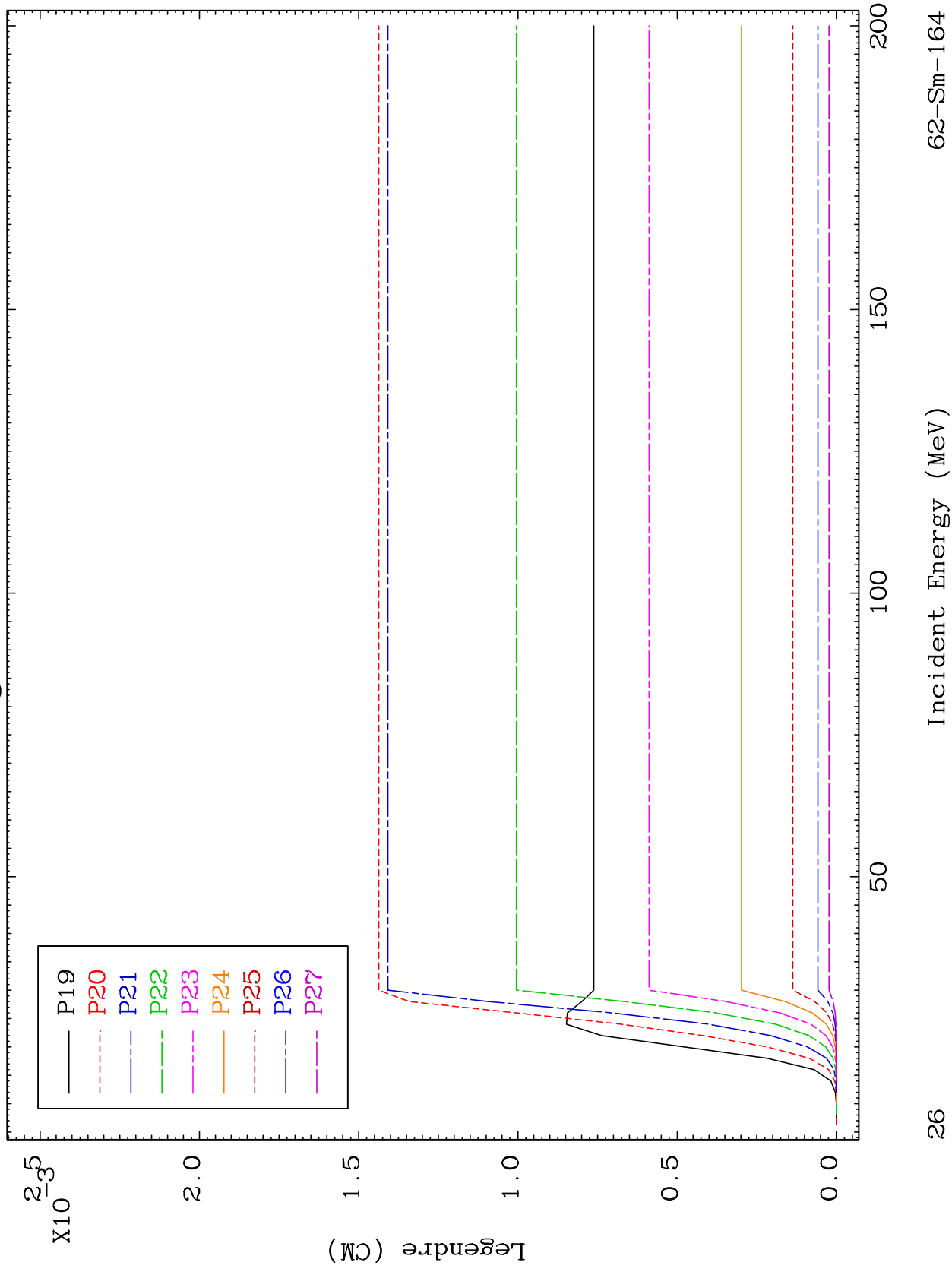


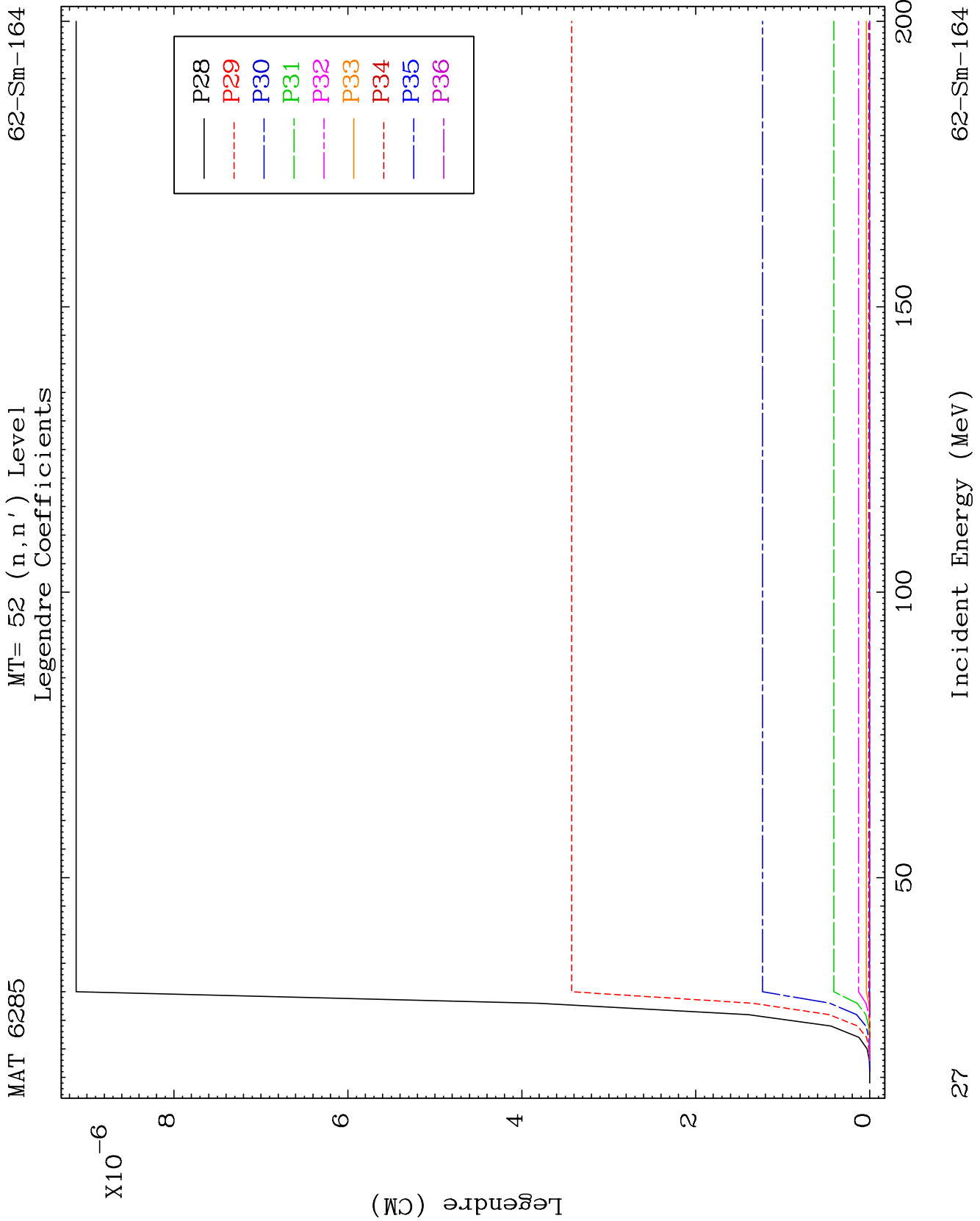


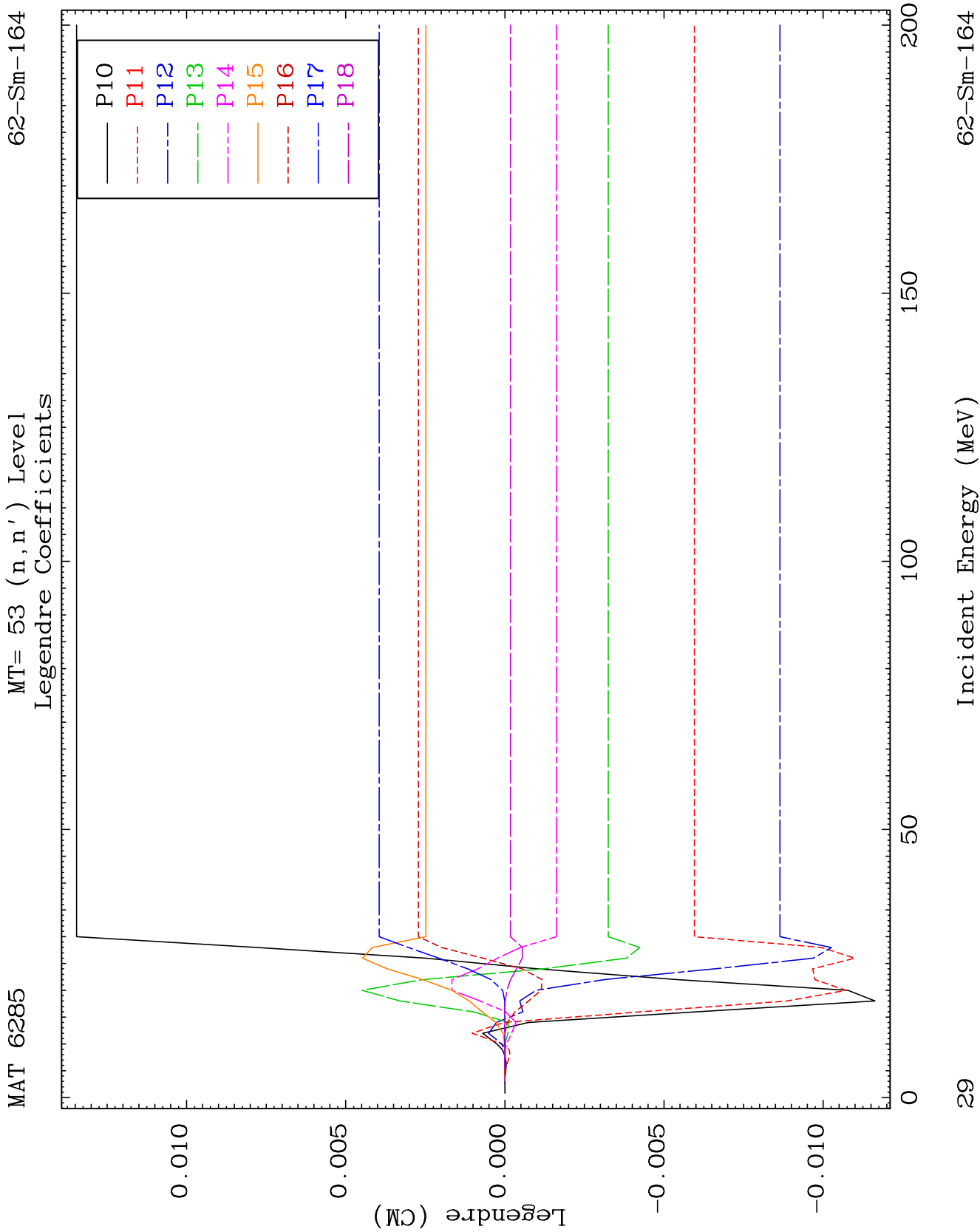
MAT 6285

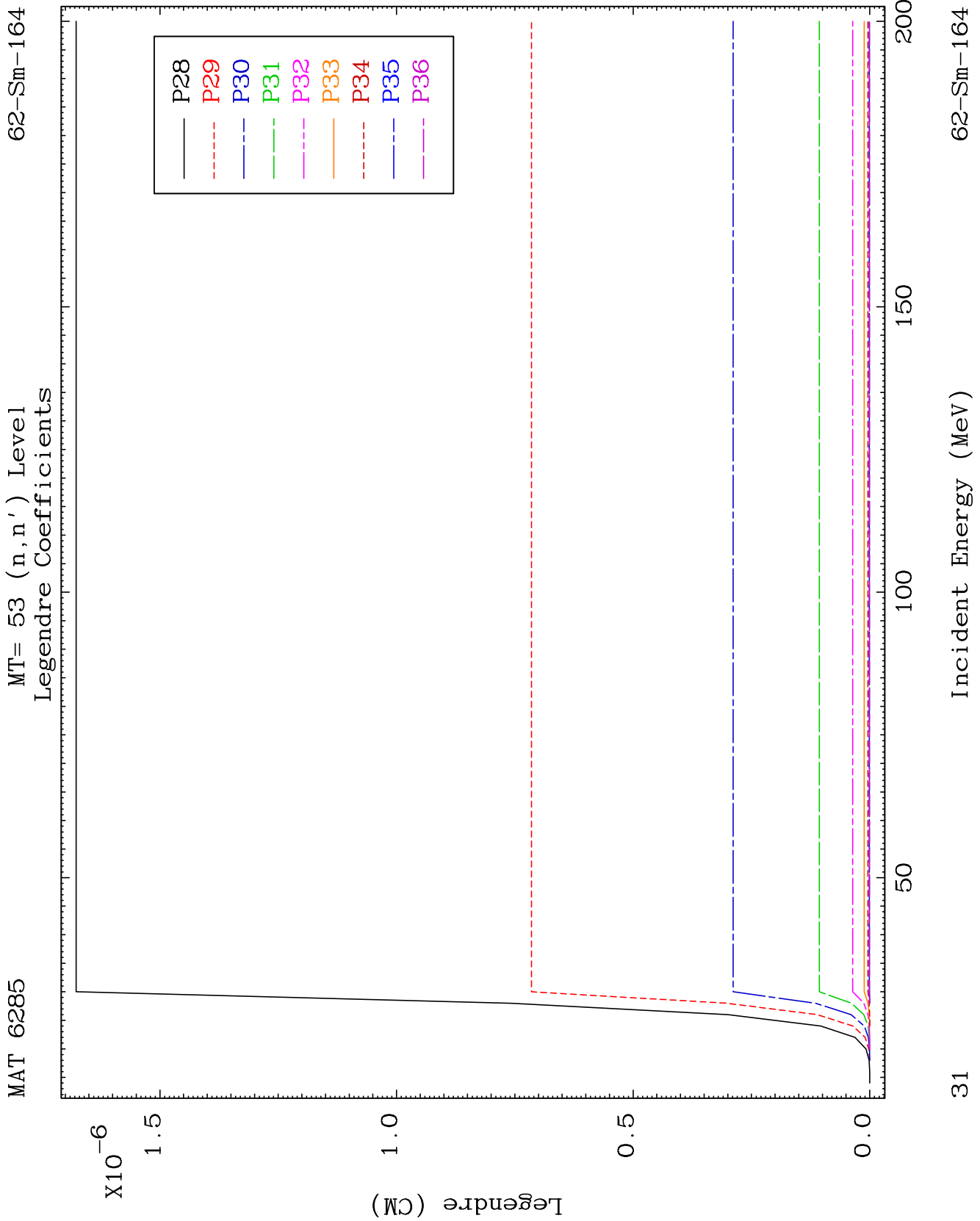
MT= 52 (n, n') Level
Legendre Coefficients

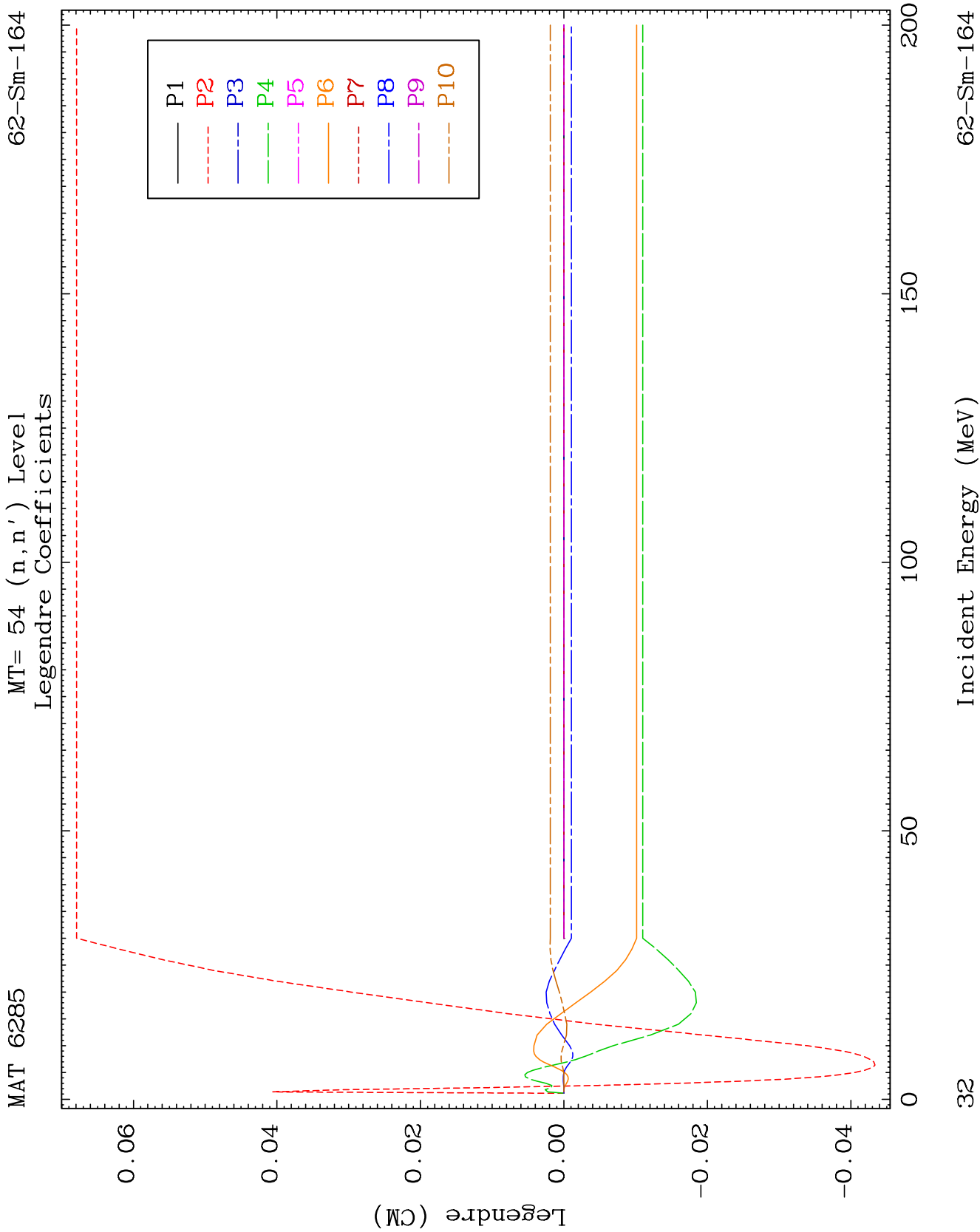
62-Sm-164







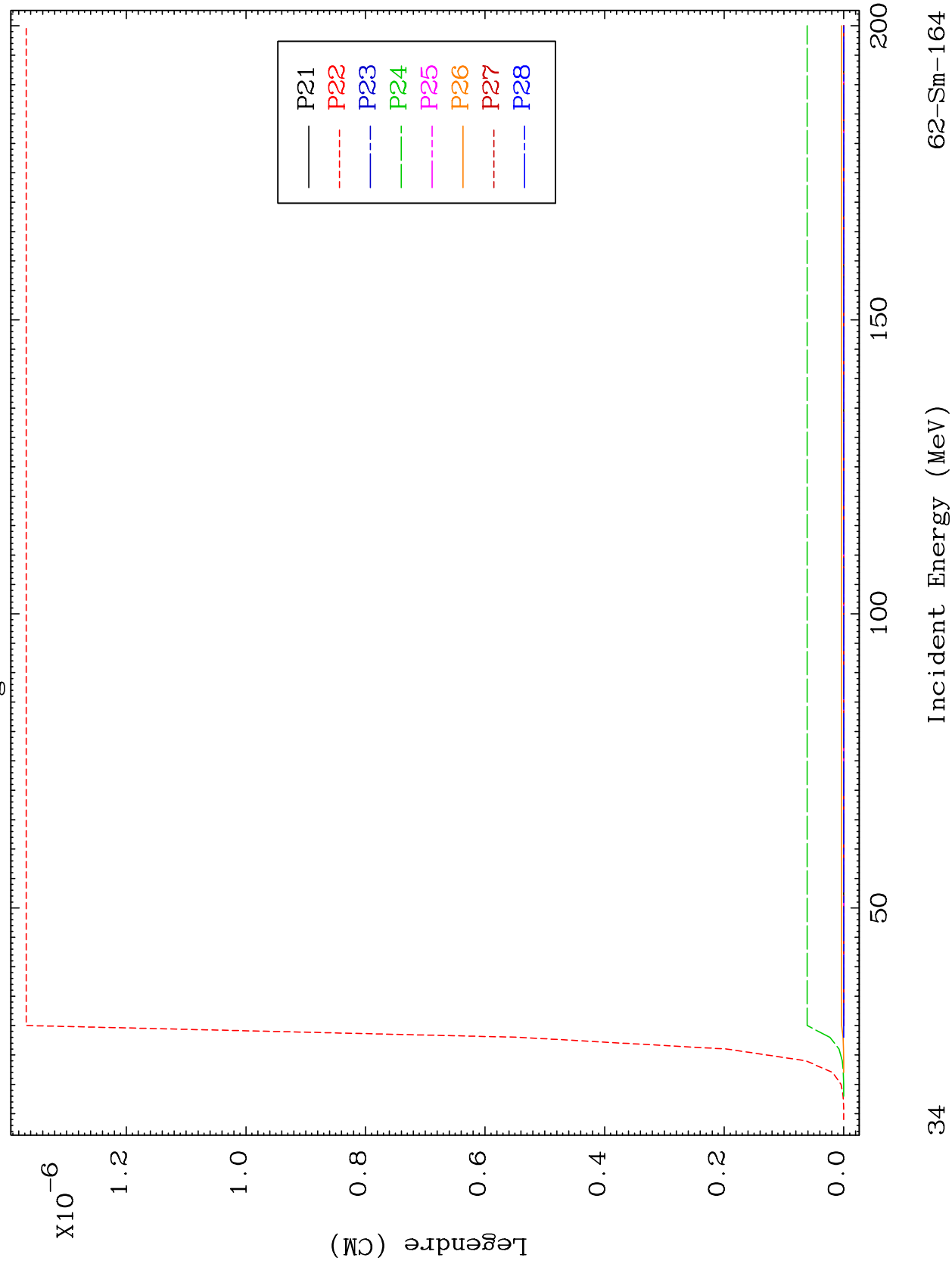


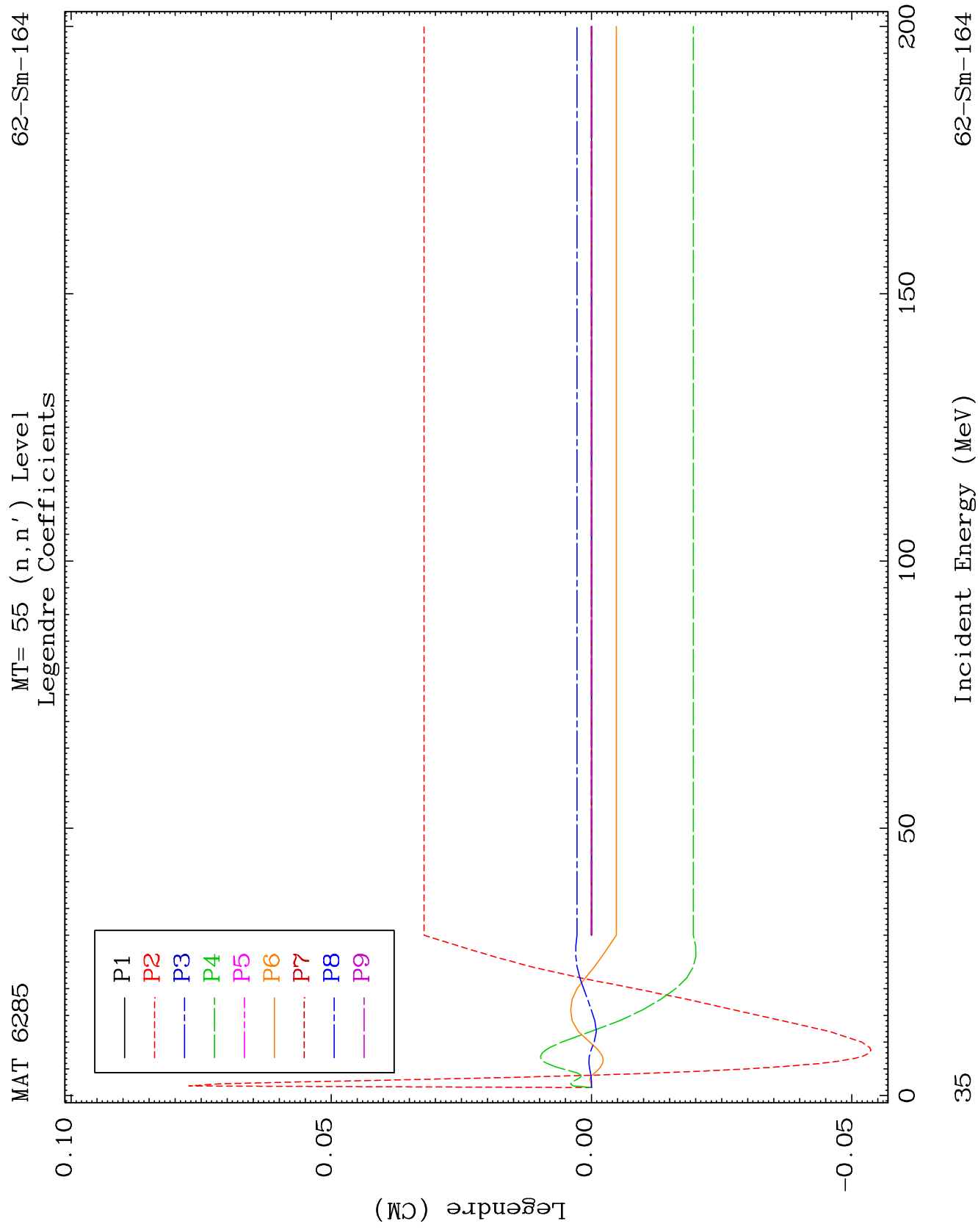


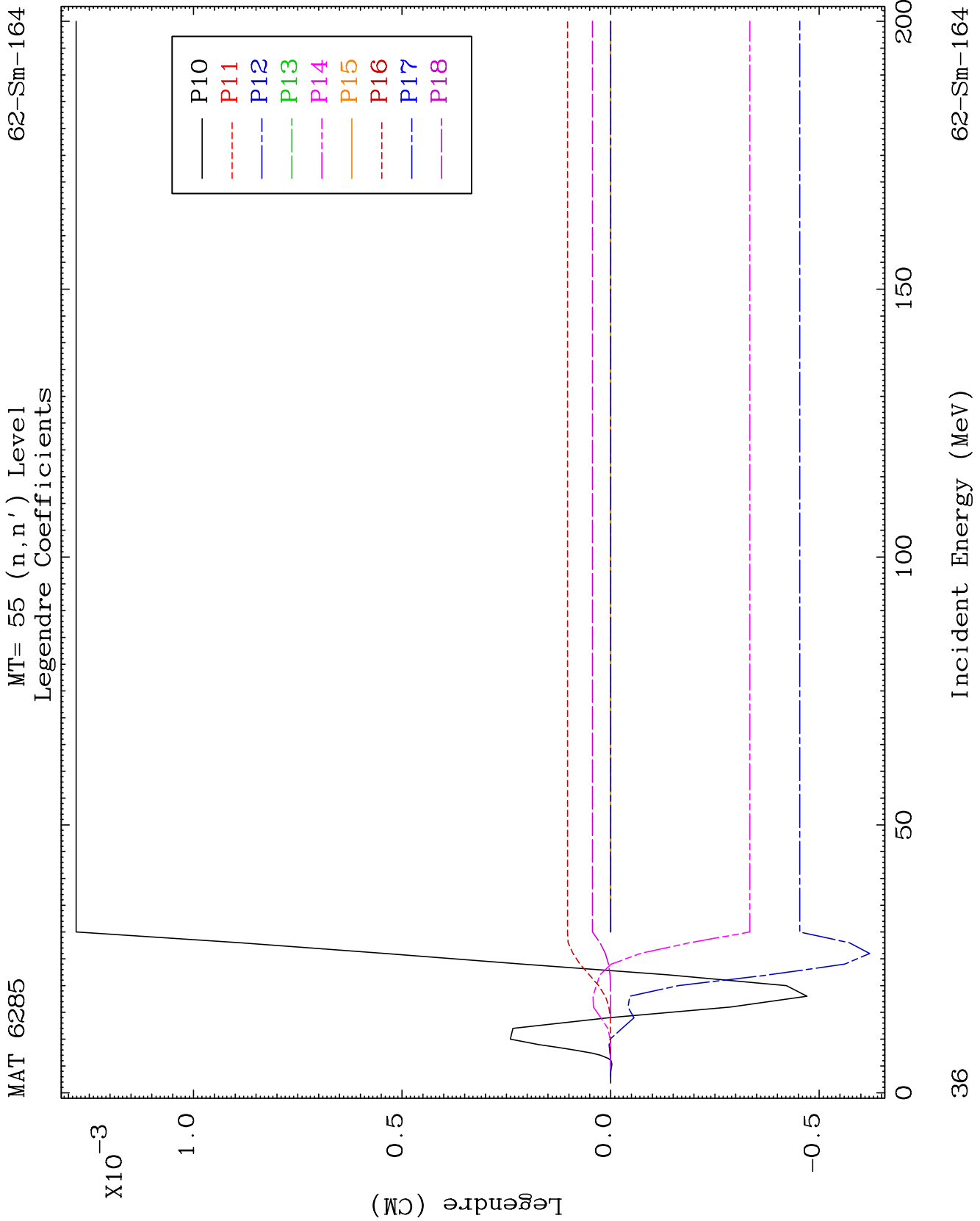
MAT 6285

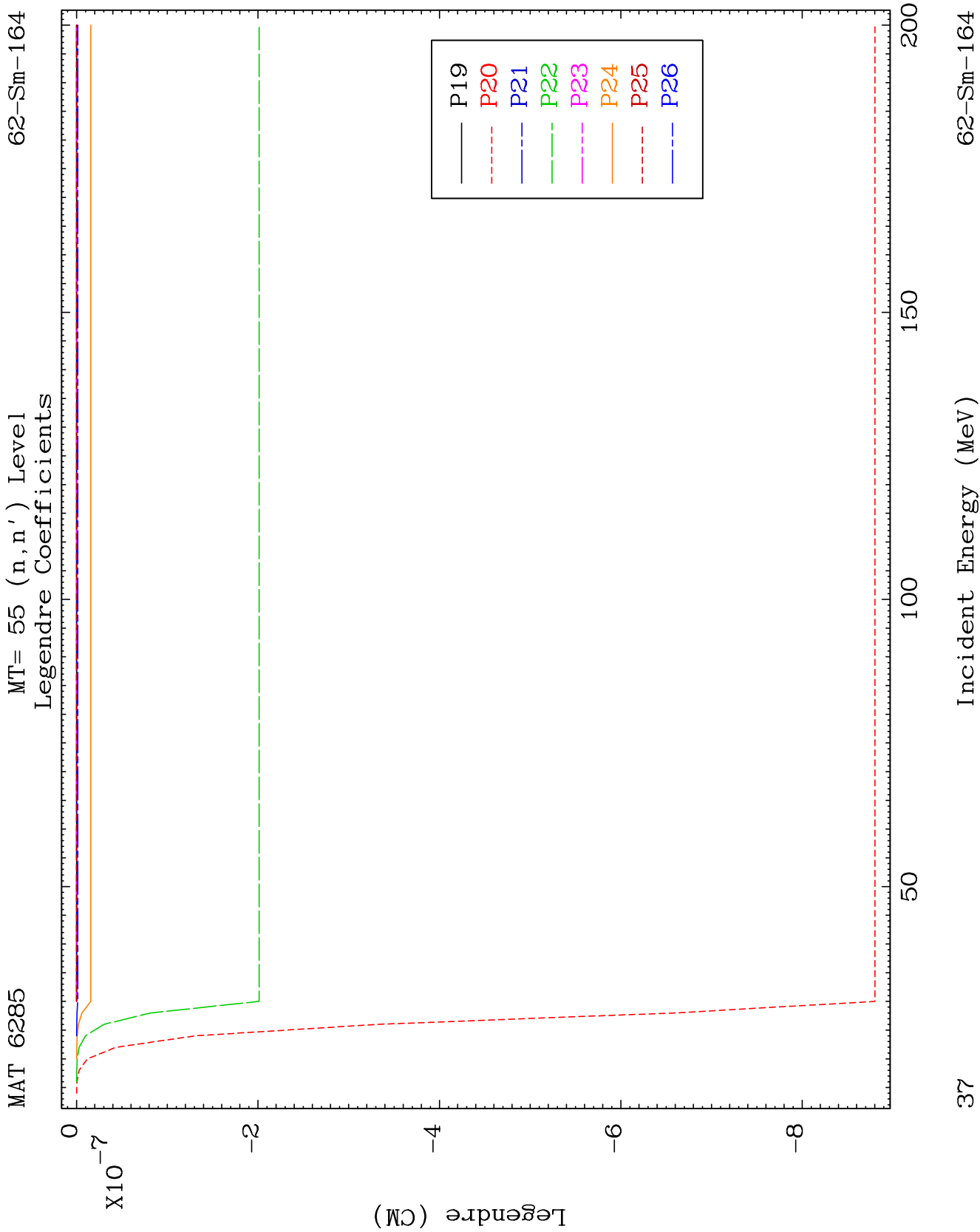
MT= 54 (n, n') Level
Legendre Coefficients

62-Sm-164





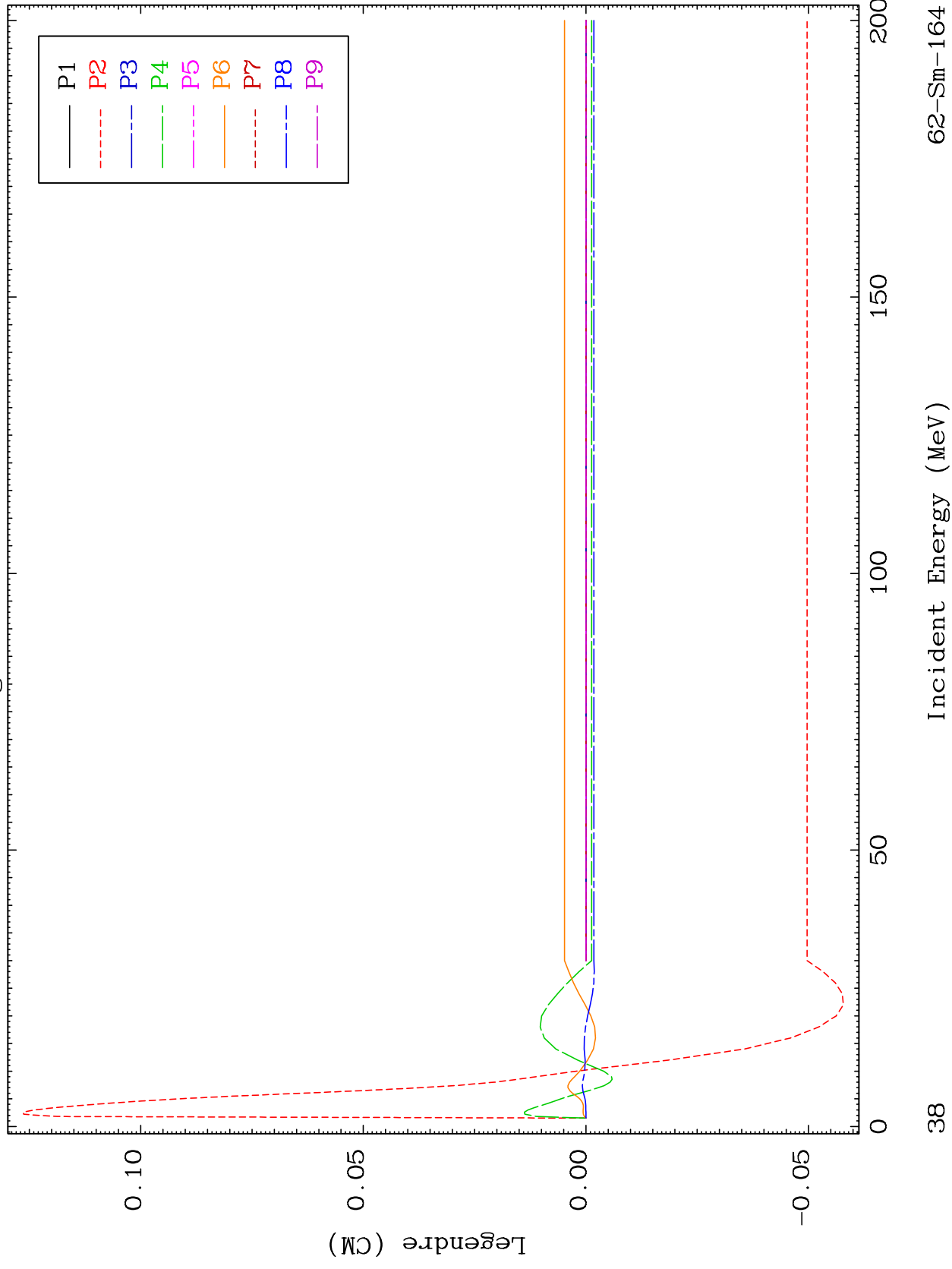


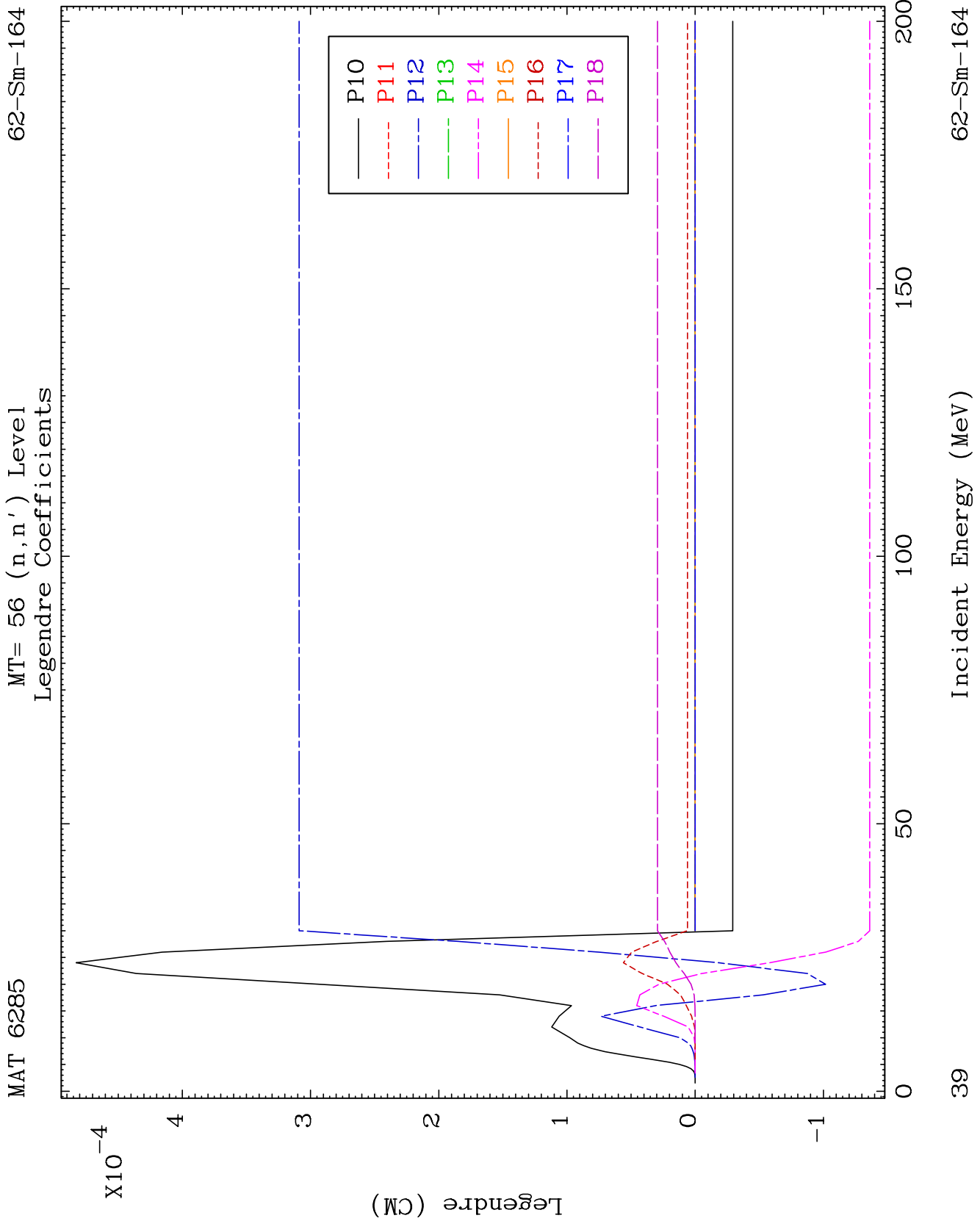


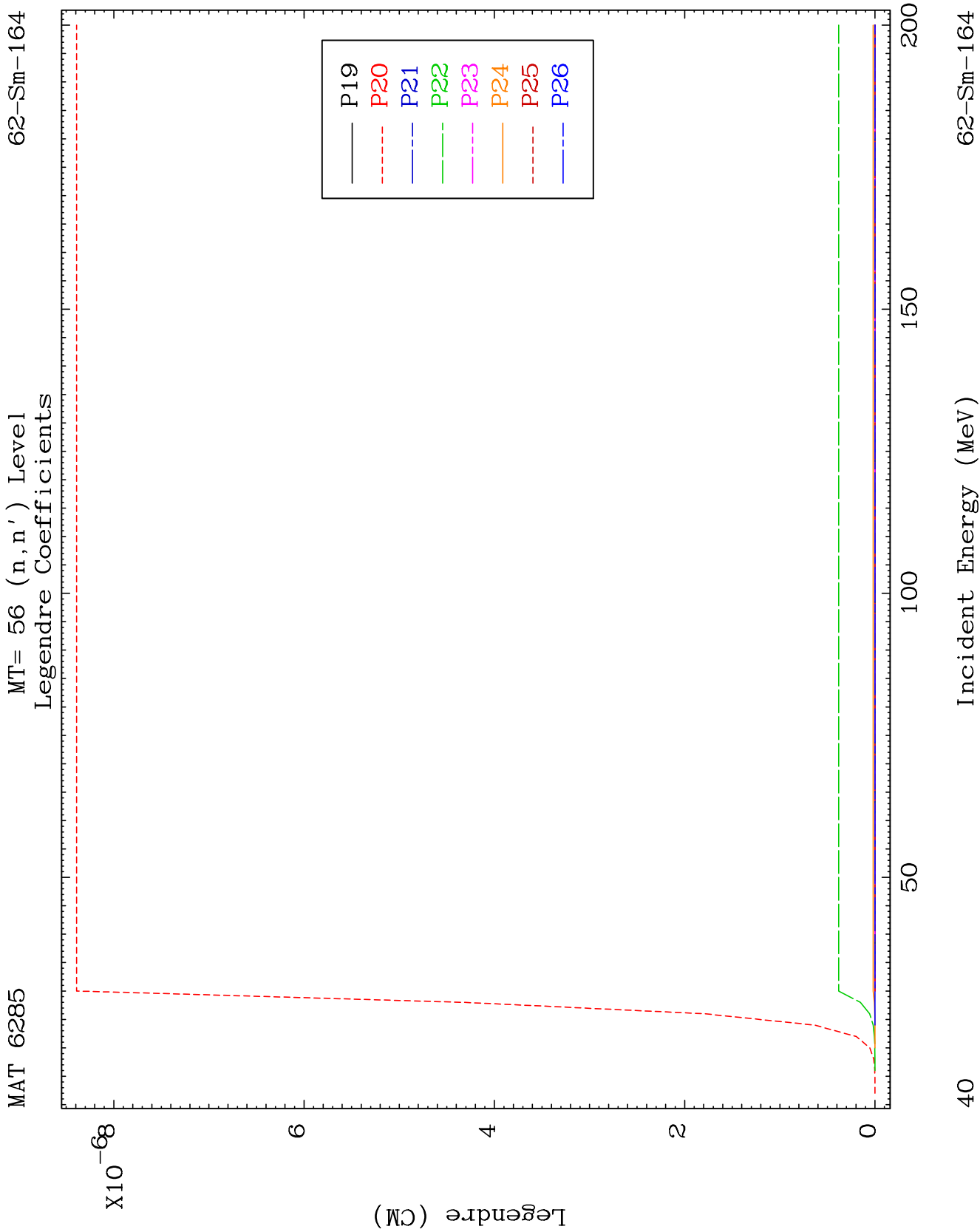
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MT= 56 (n, n') Level
Legendre Coefficients

62-Sm-164



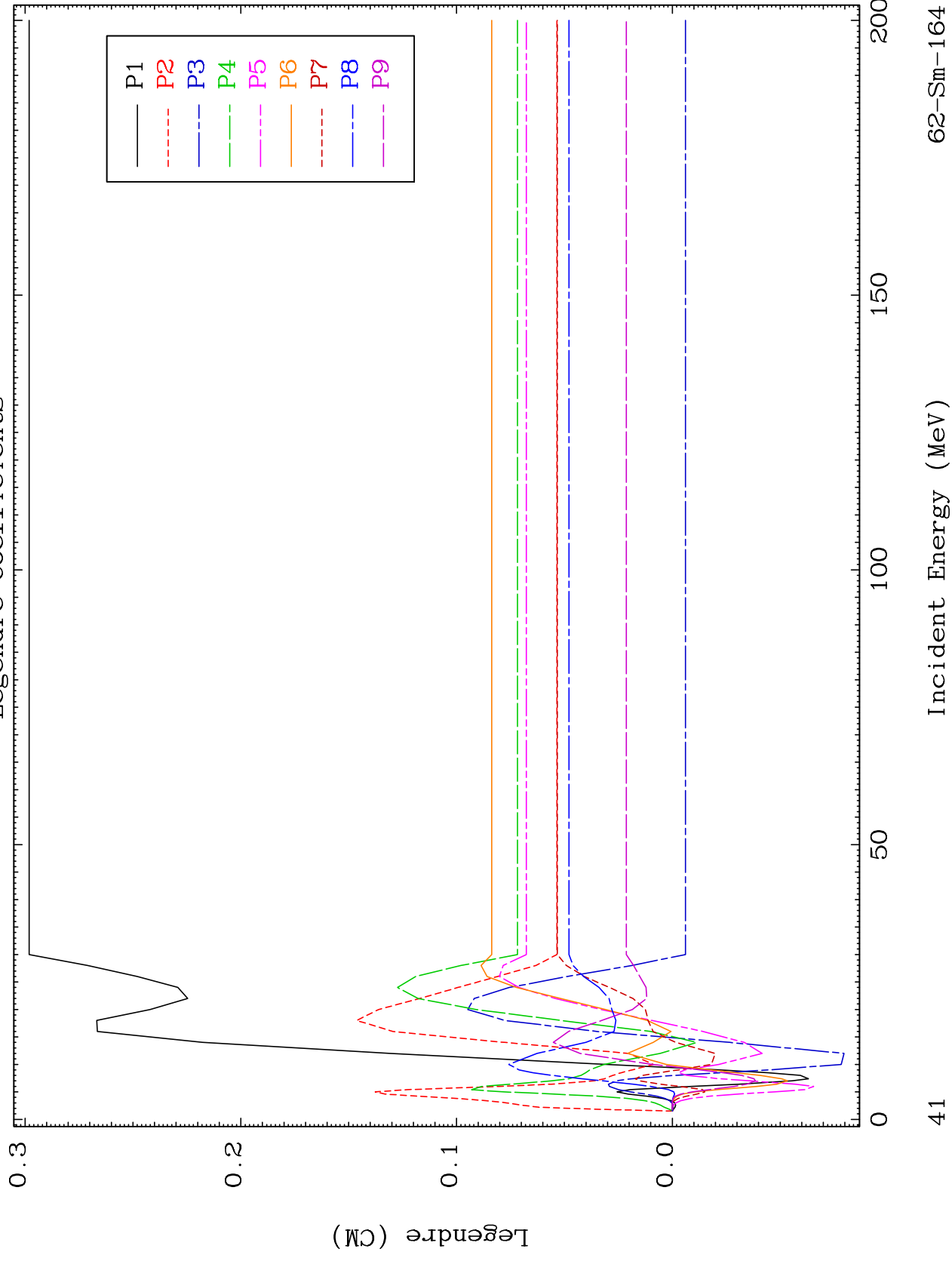


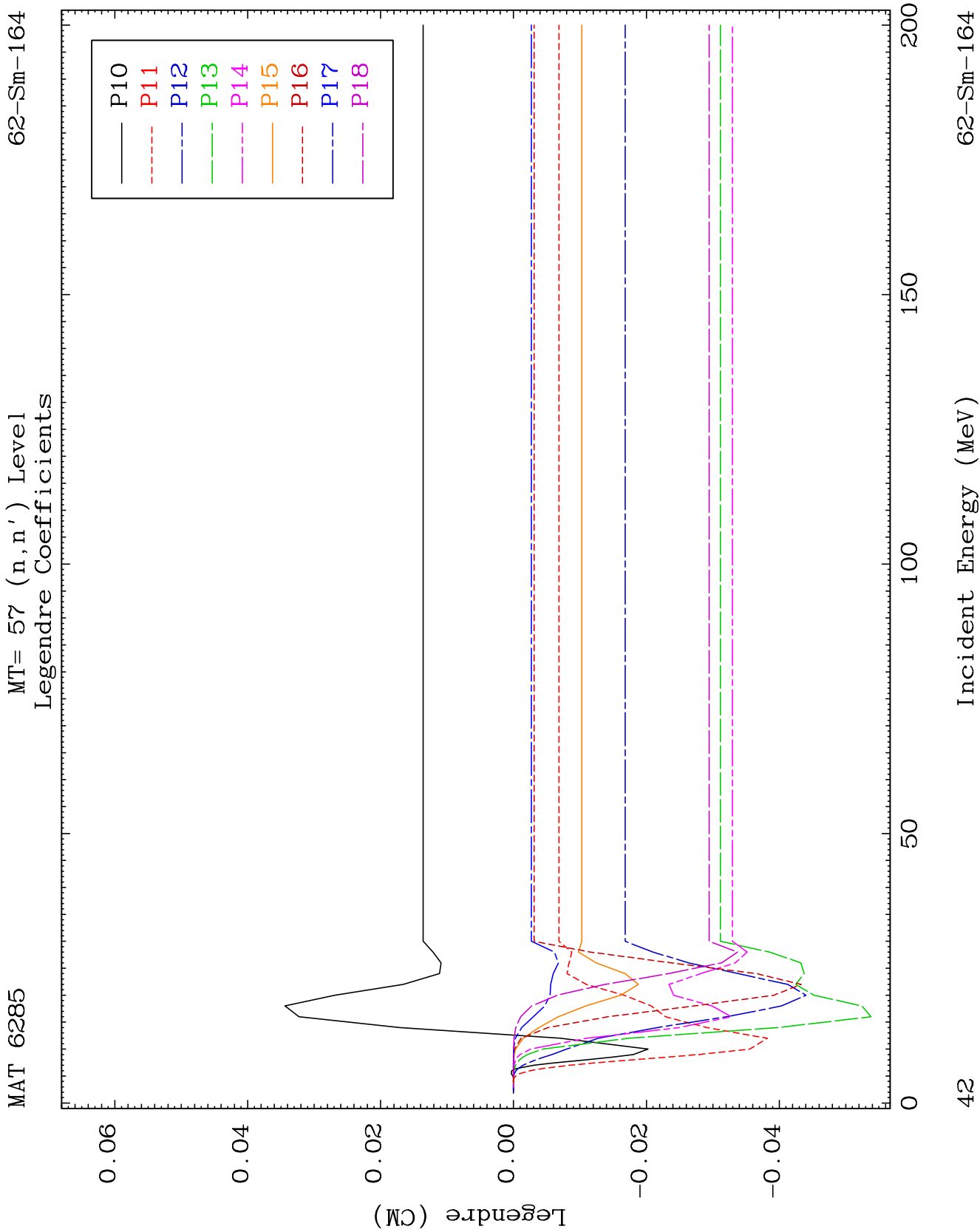


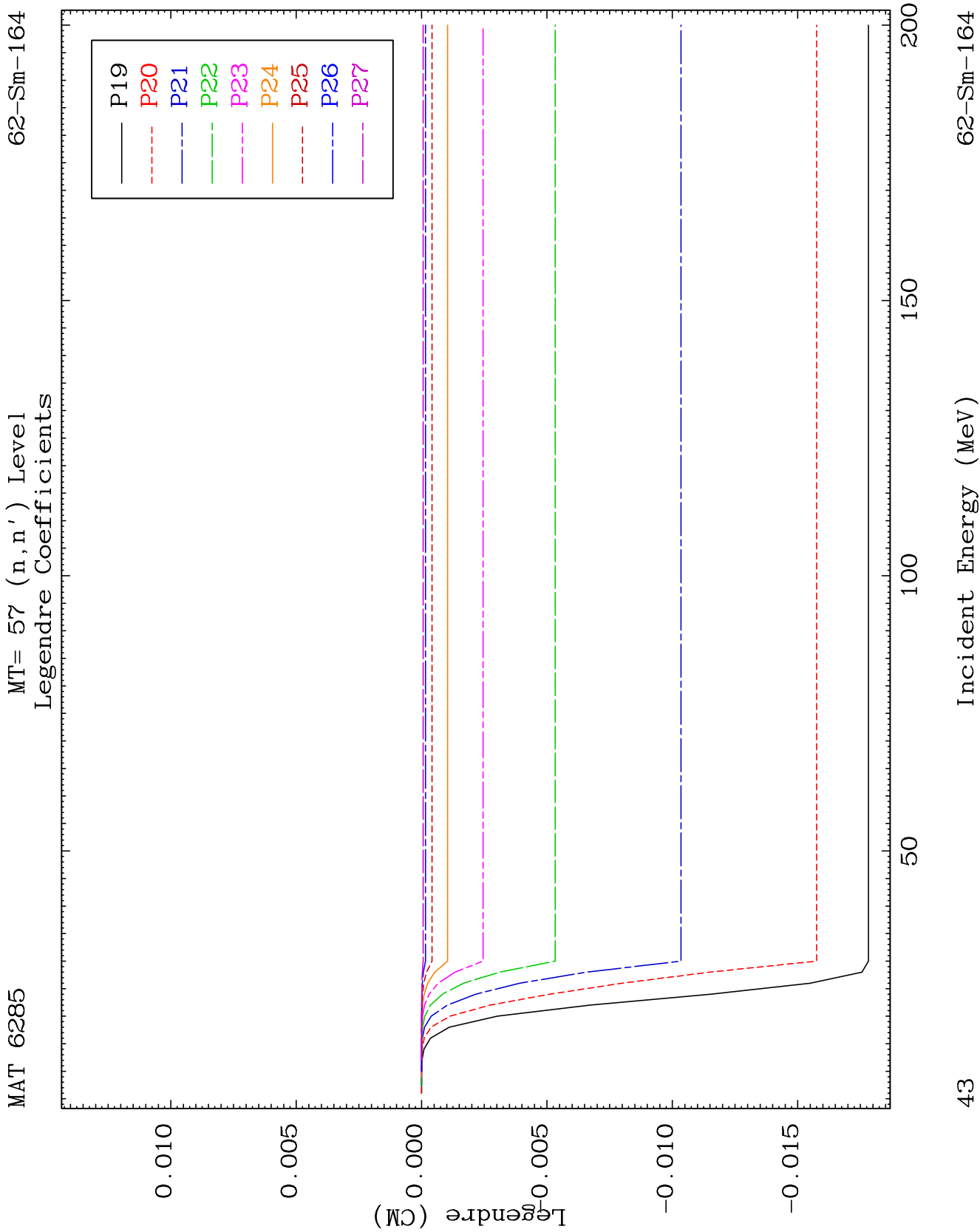
MAT 6285

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

62-Sm-164





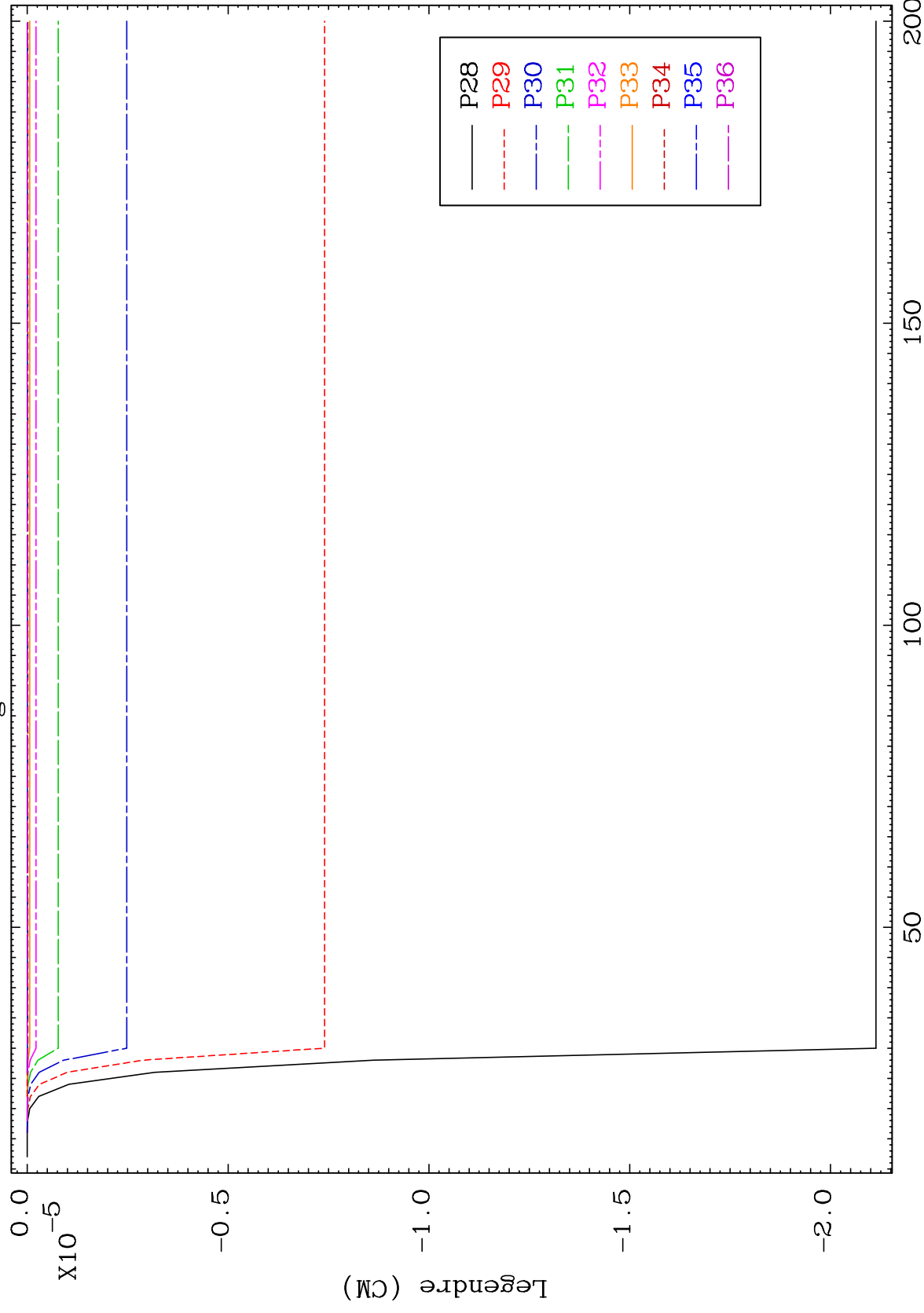


MAT 6285

MT= 57 (n, n') Level

62-Sm-164

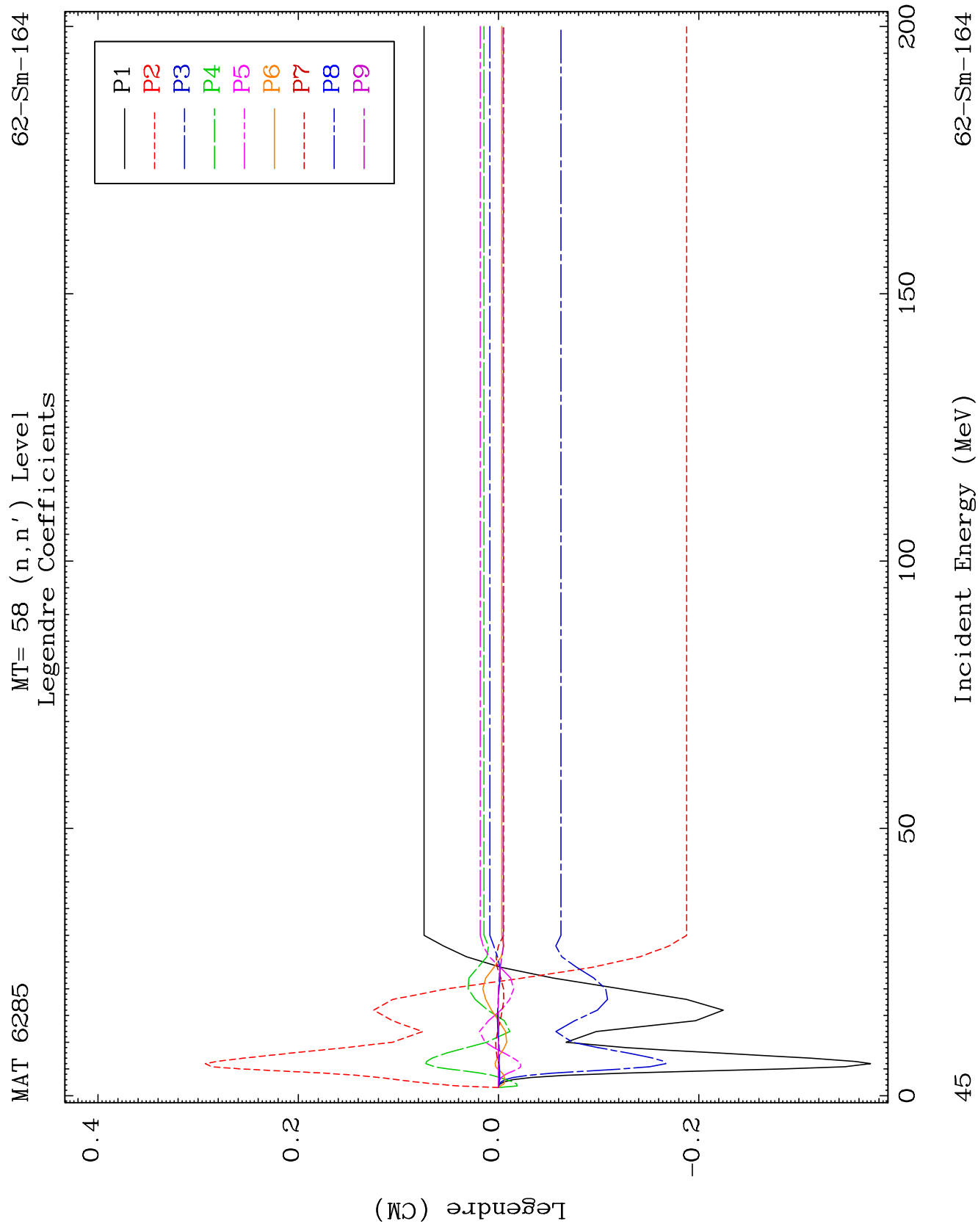
Legendre Coefficients



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Incident Energy (MeV)

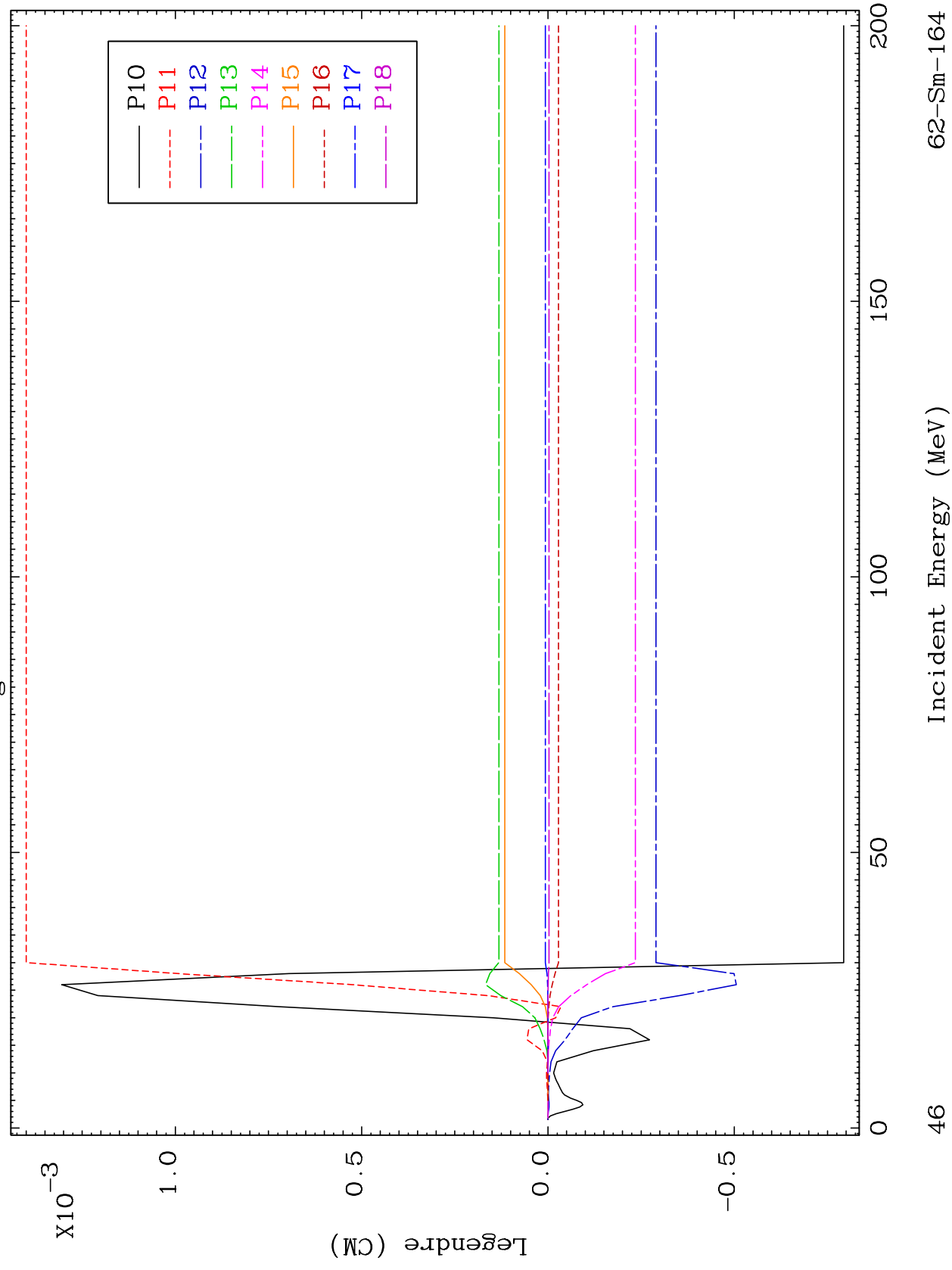
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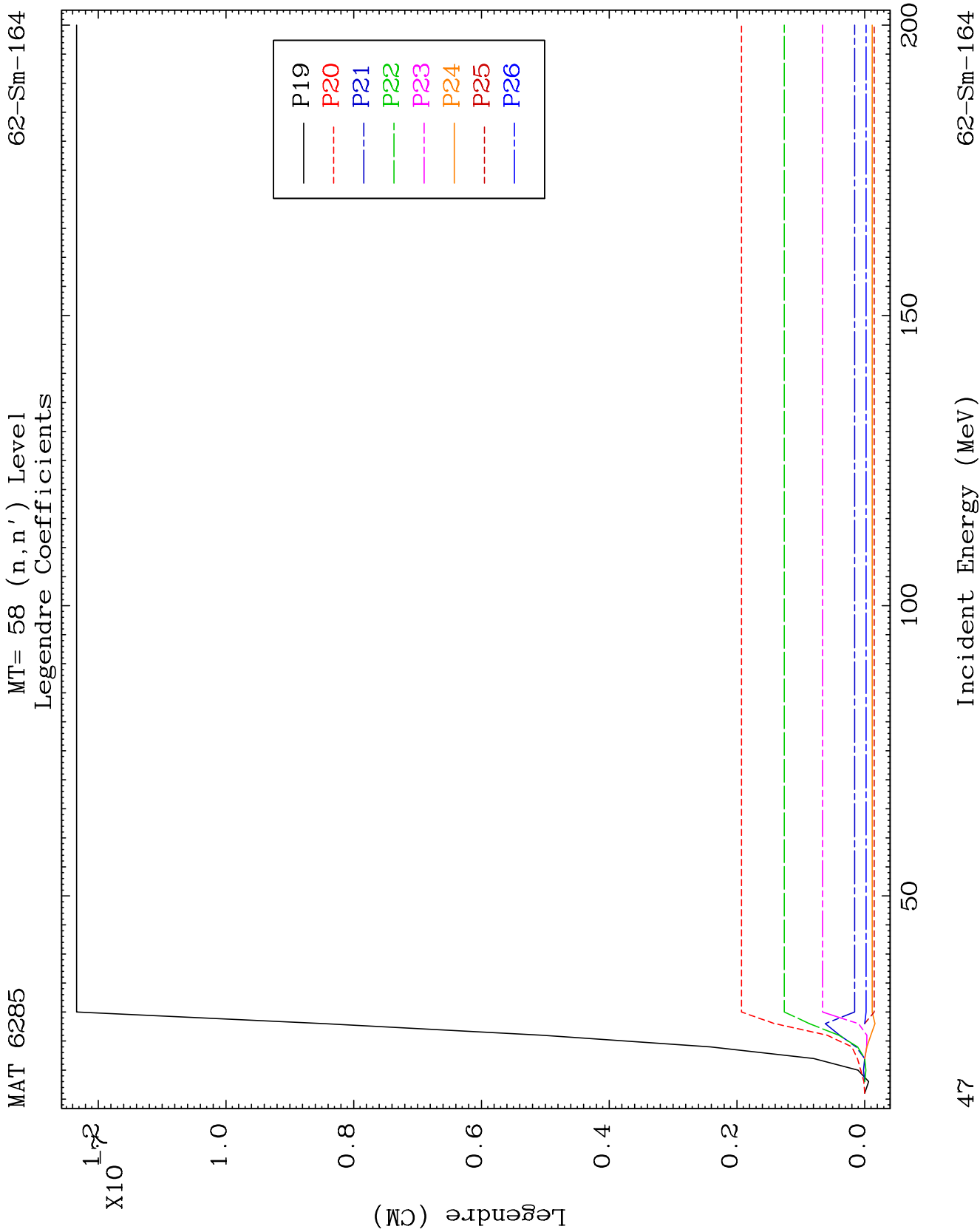


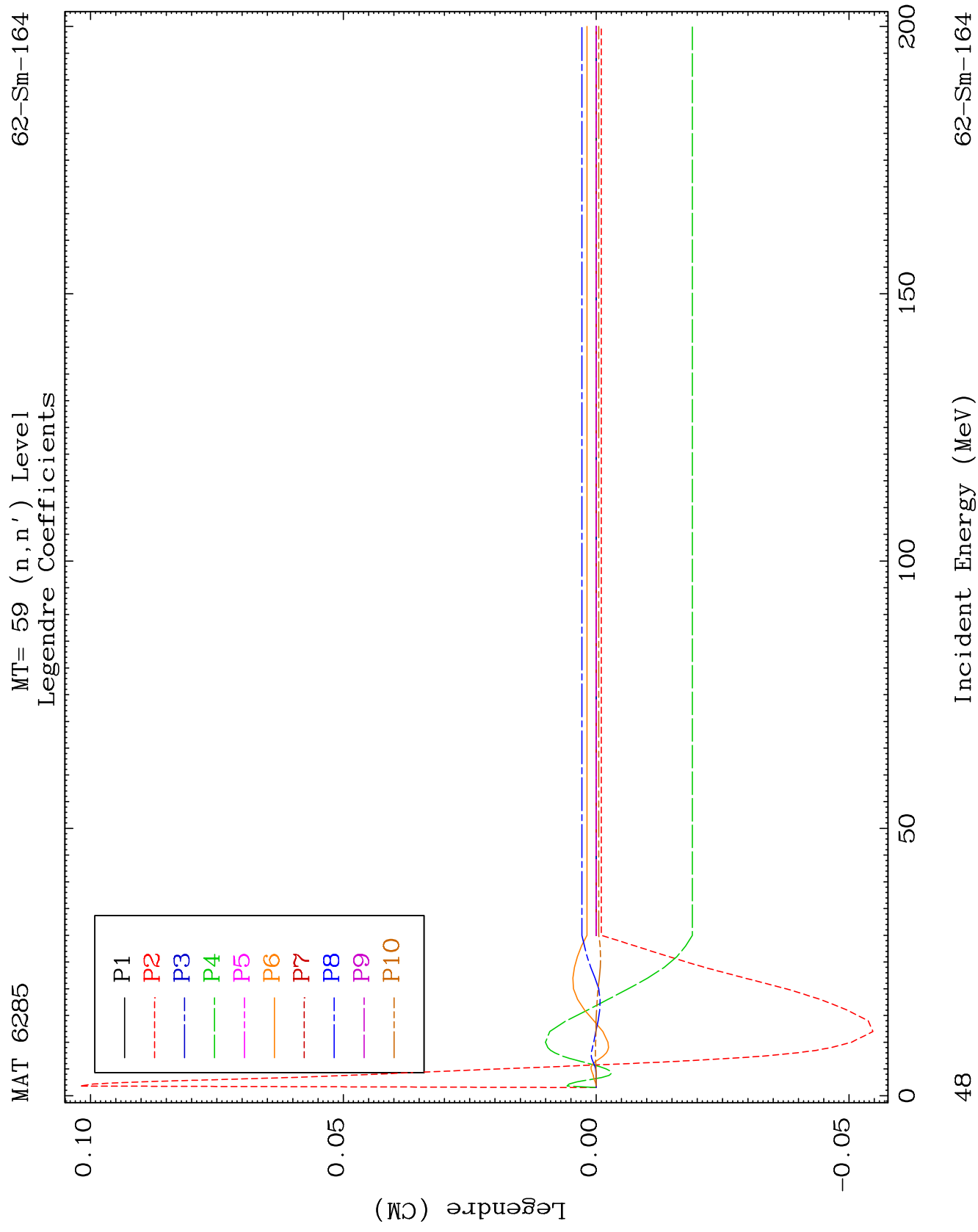
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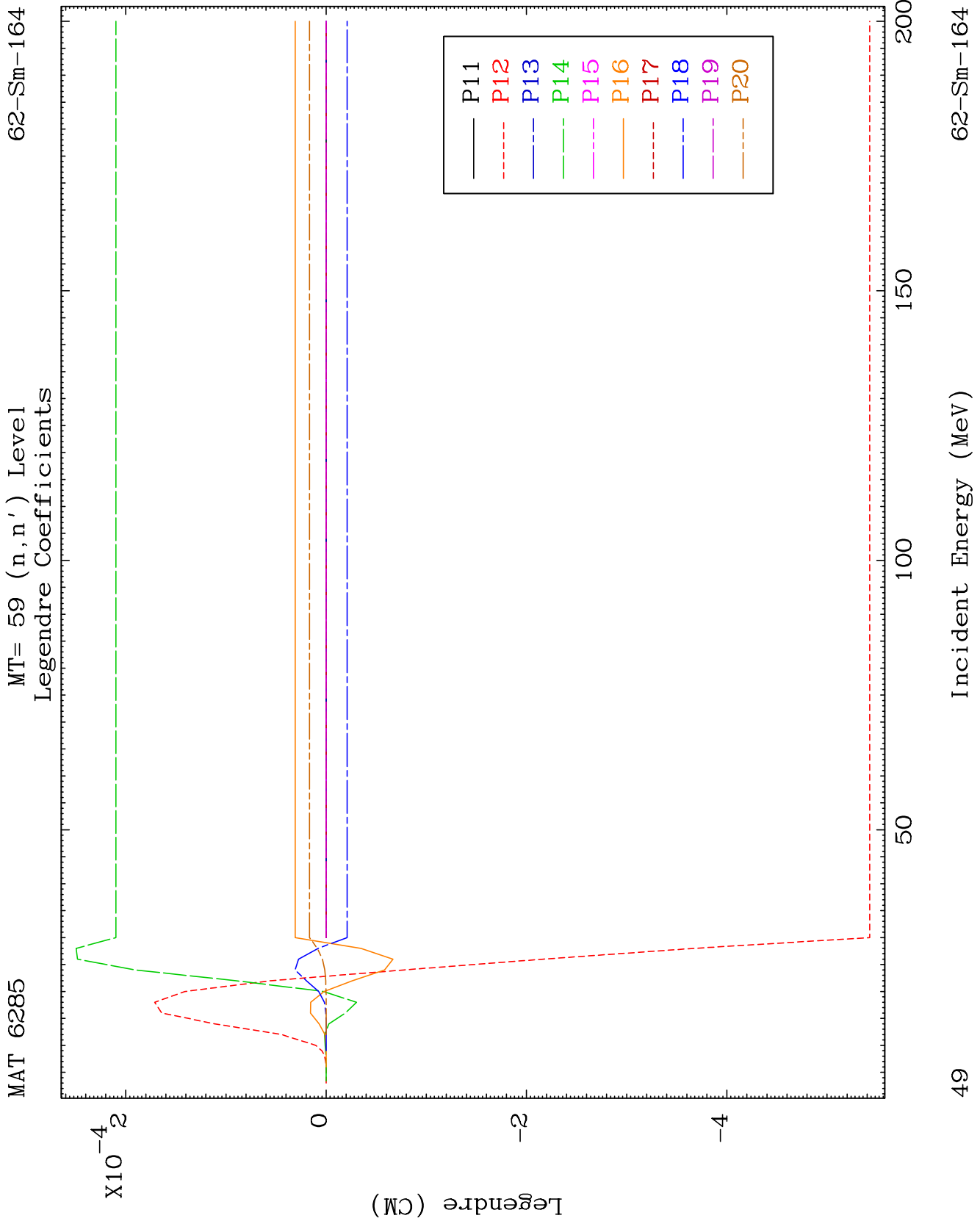
MT= 58 (n, n') Level
Legendre Coefficients

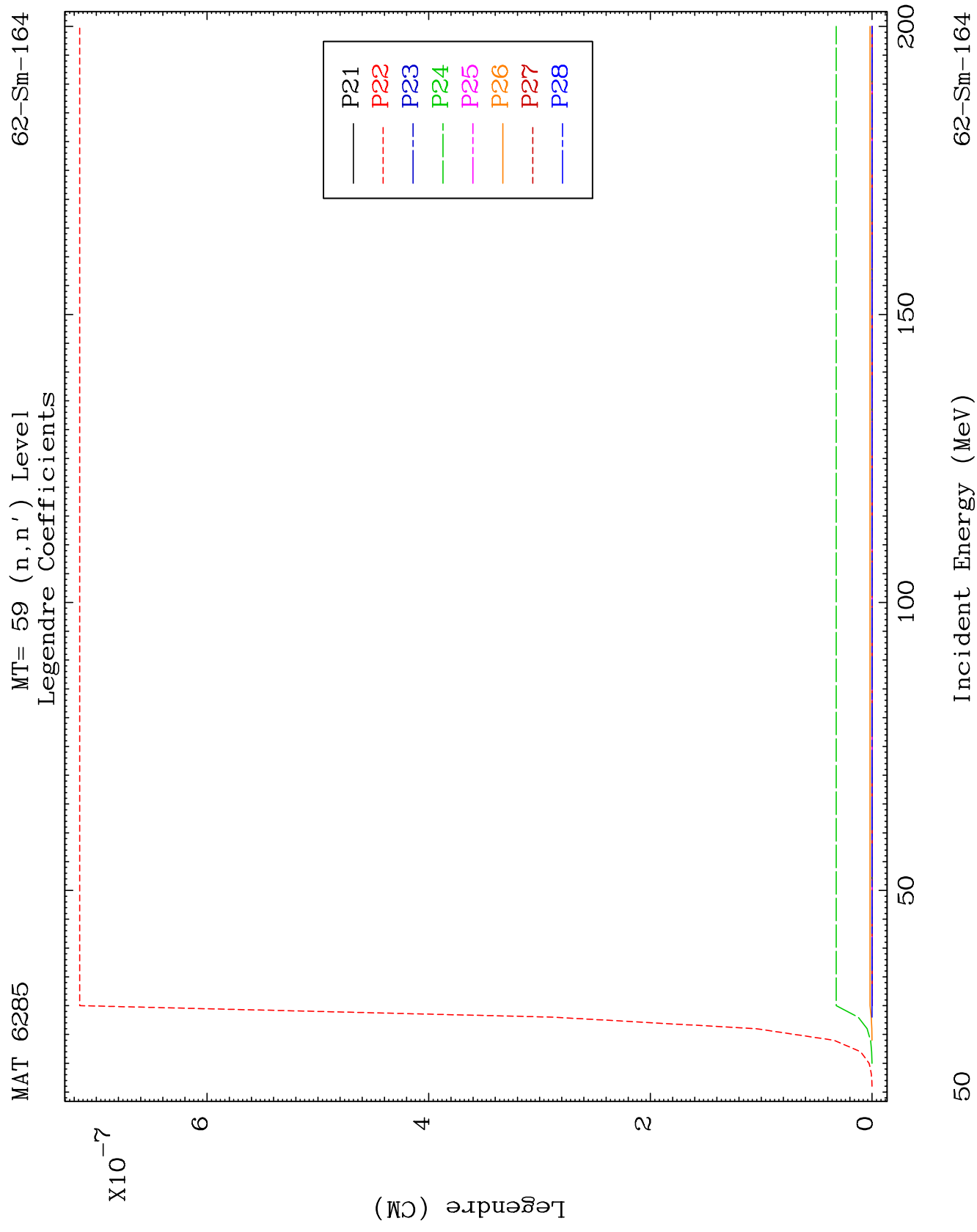
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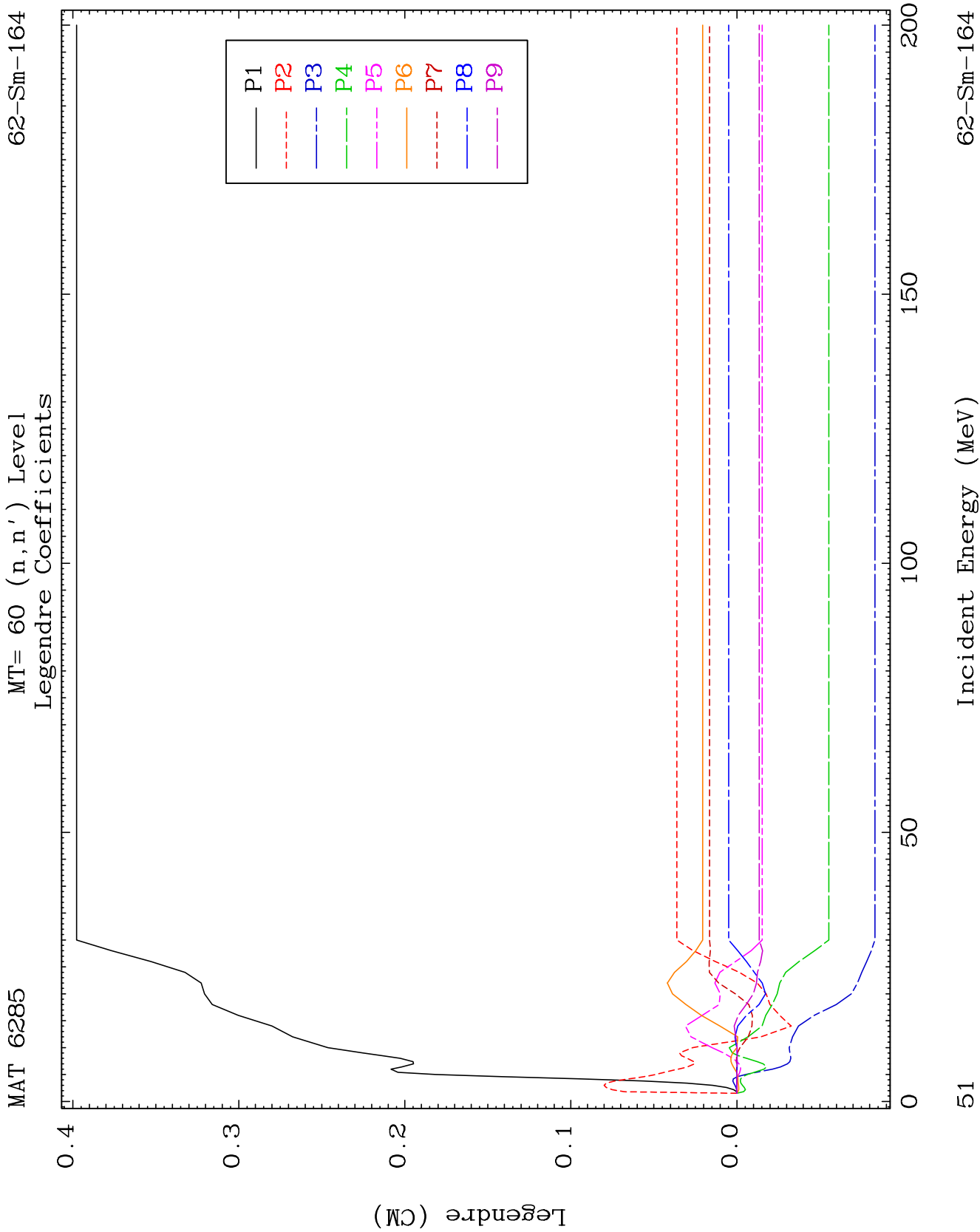


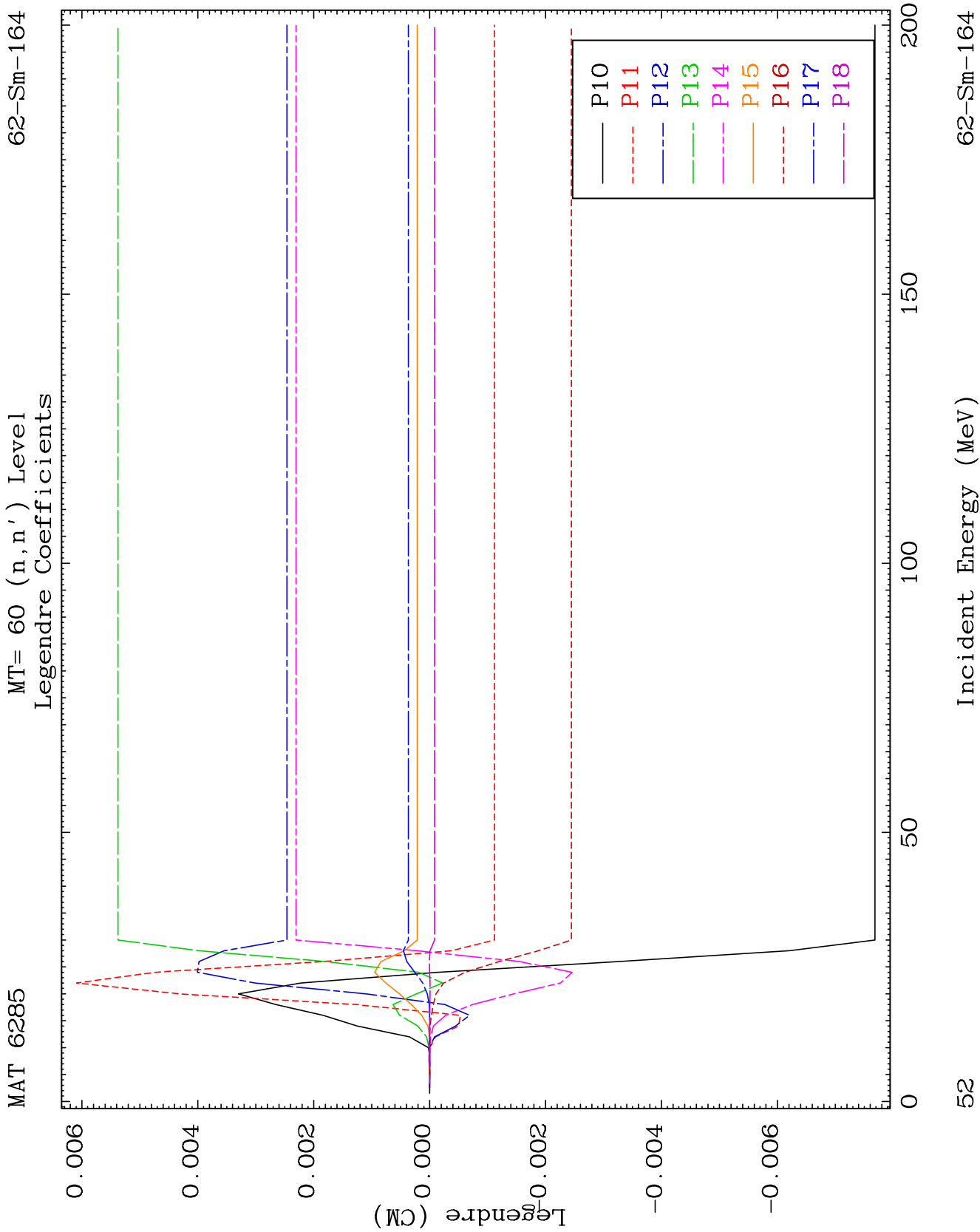


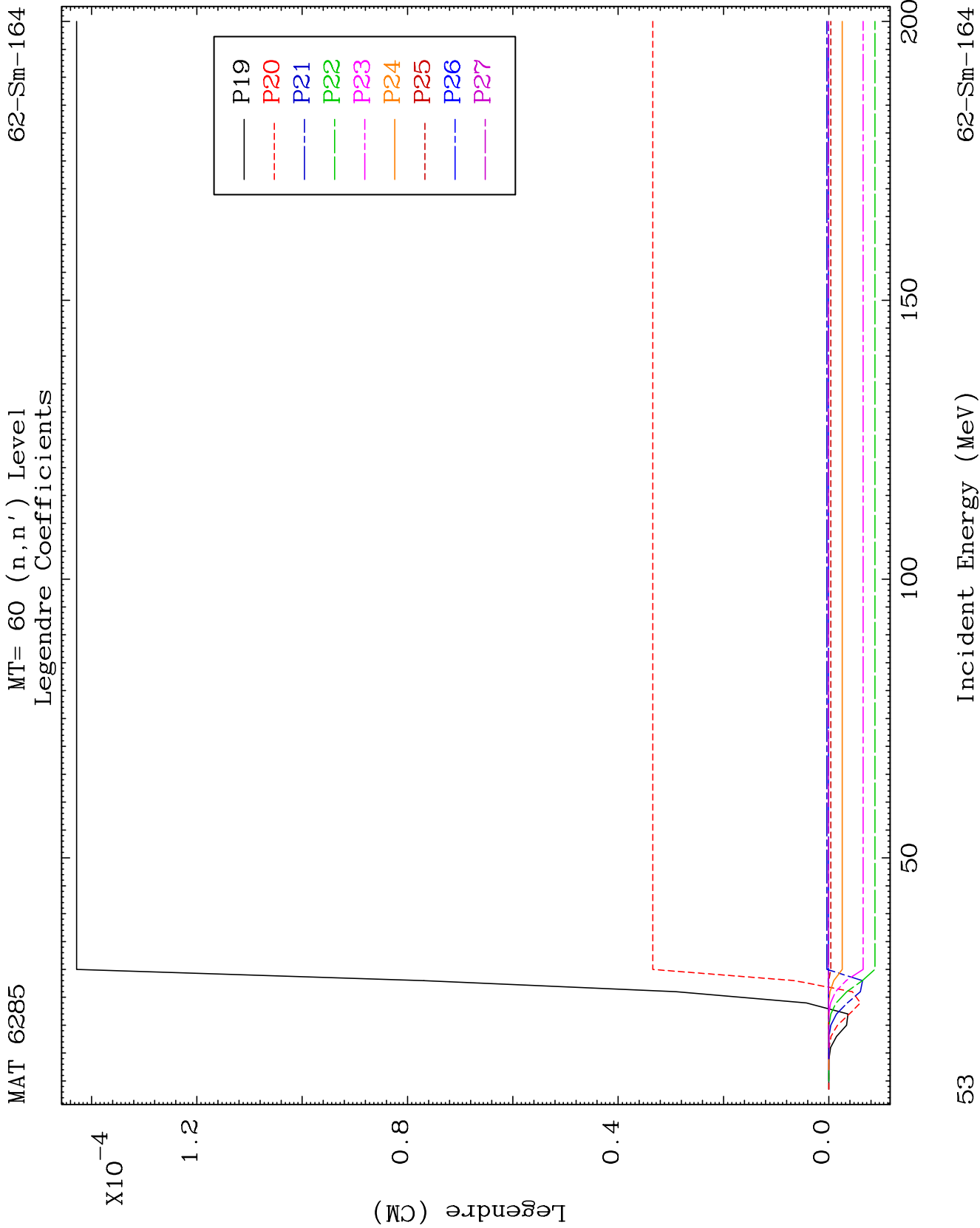


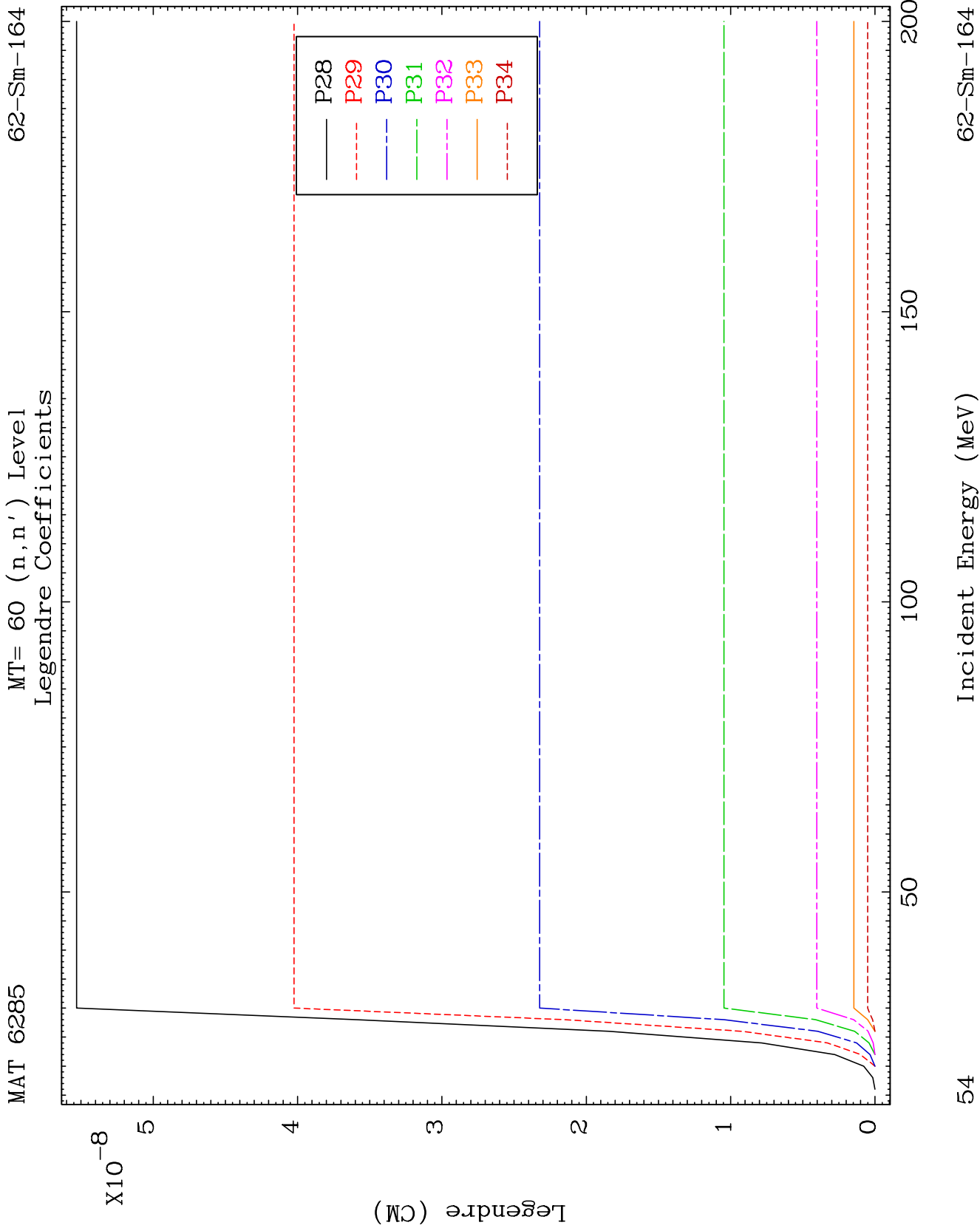








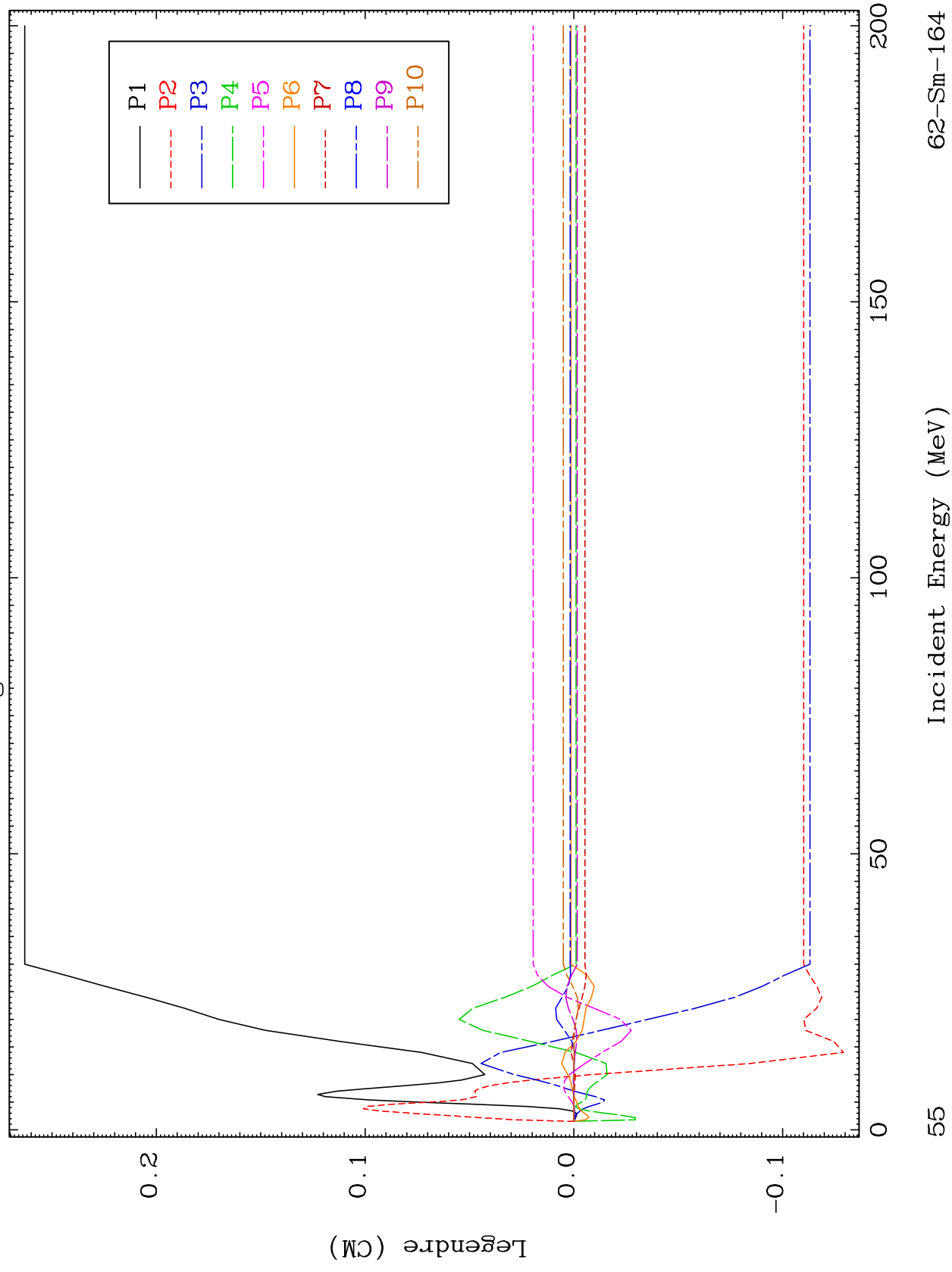


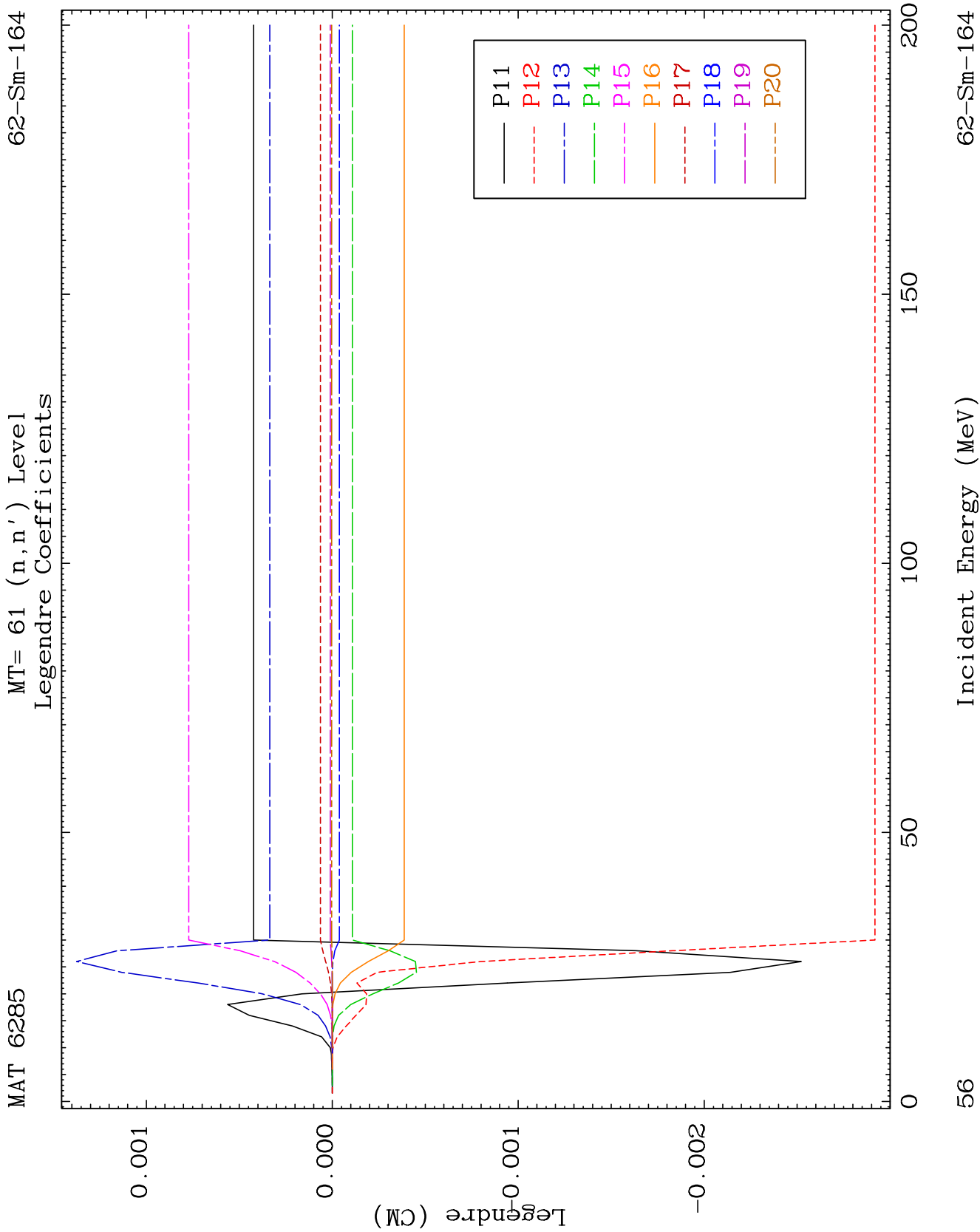


MAT 6285

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

62-Sm-164

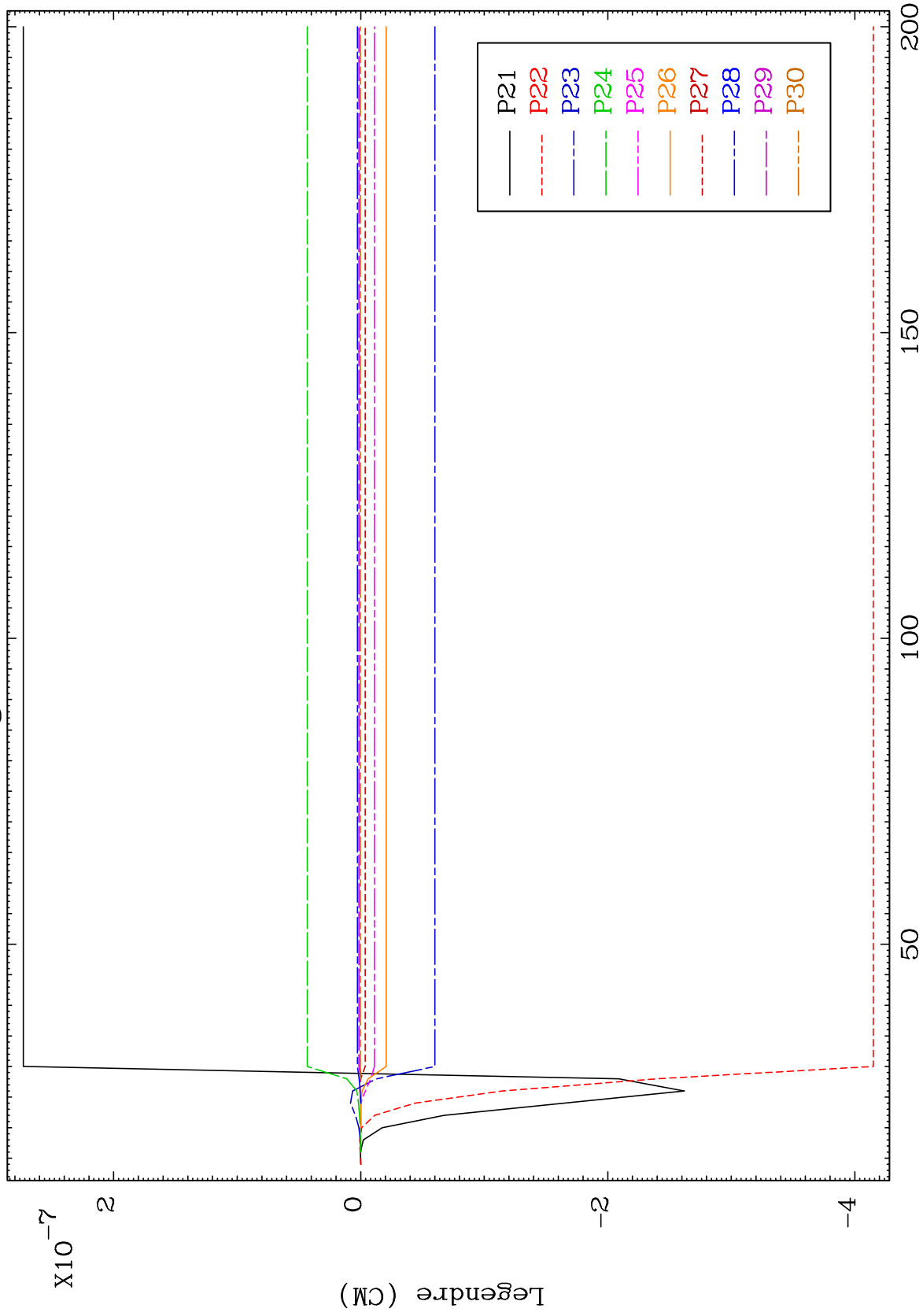




MAT 6285

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

62-Sm-164



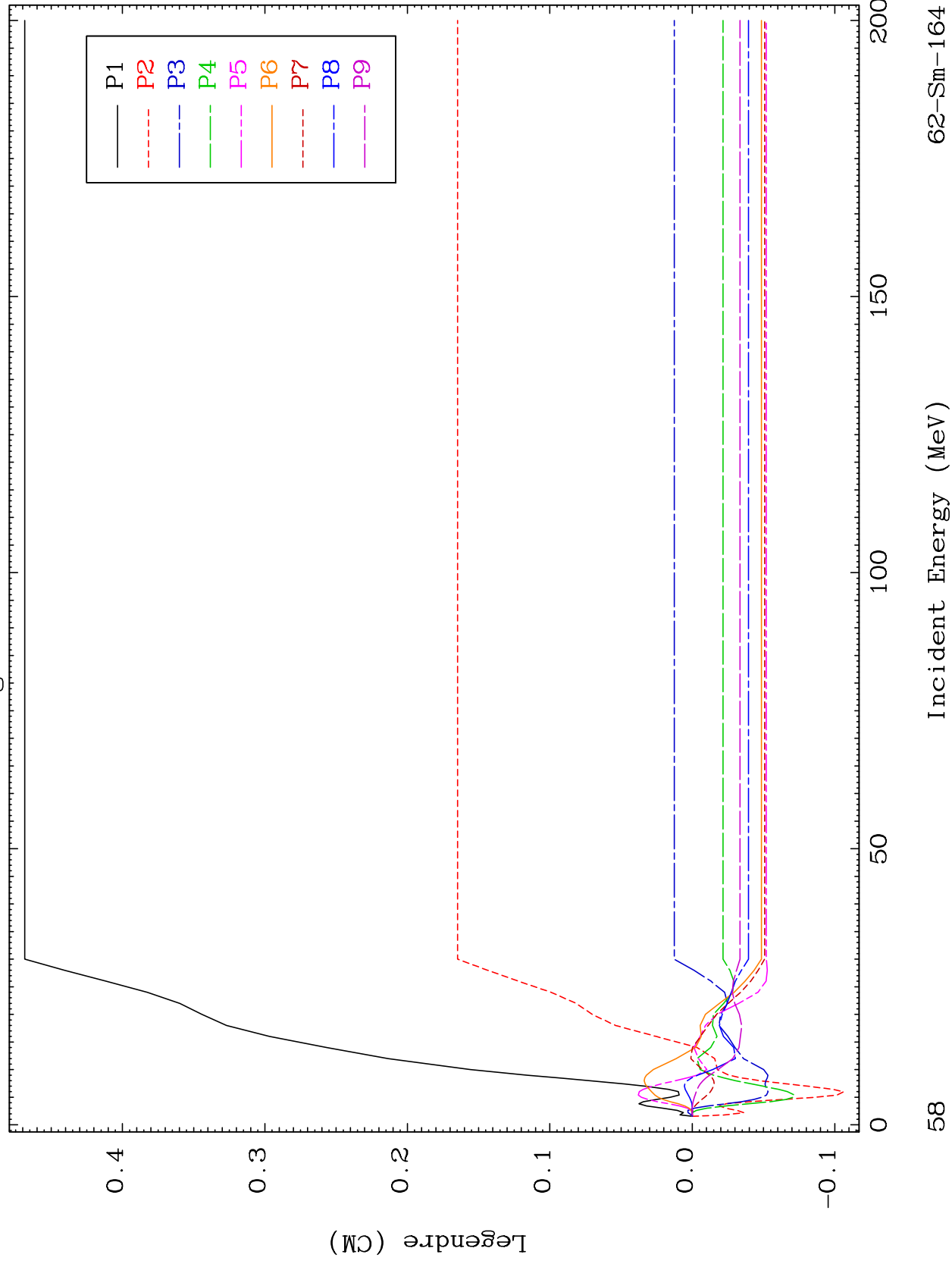
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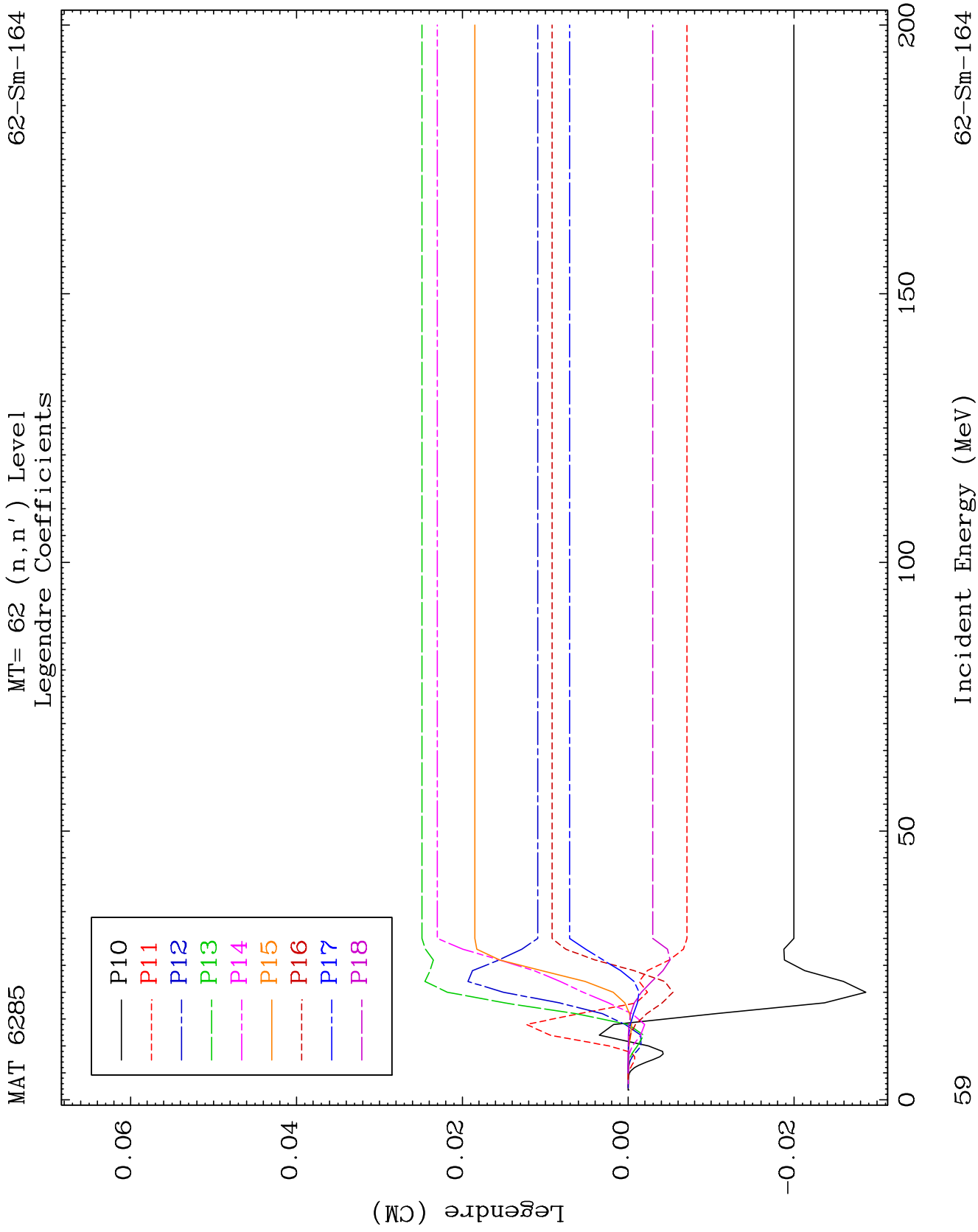
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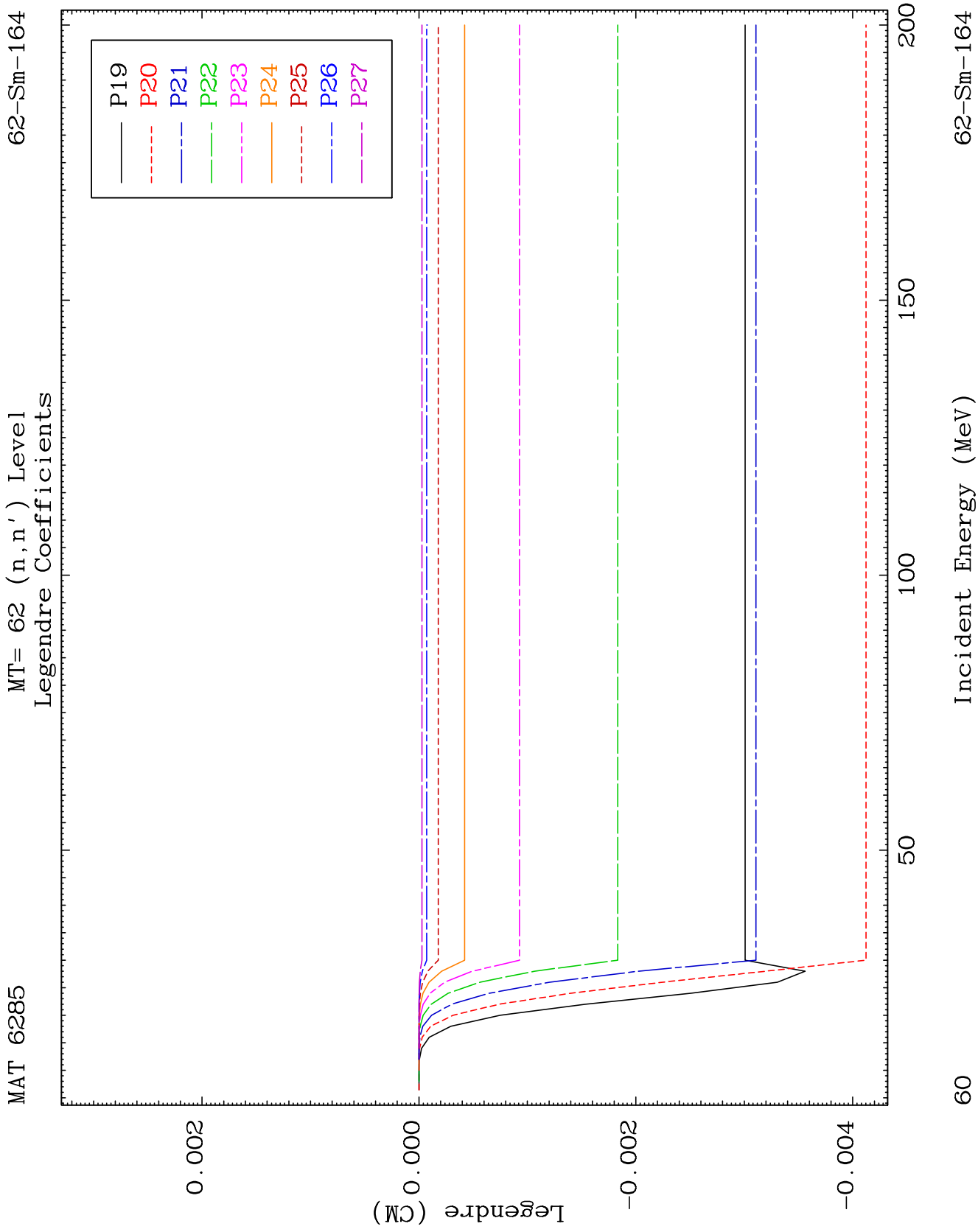
MAT 6285

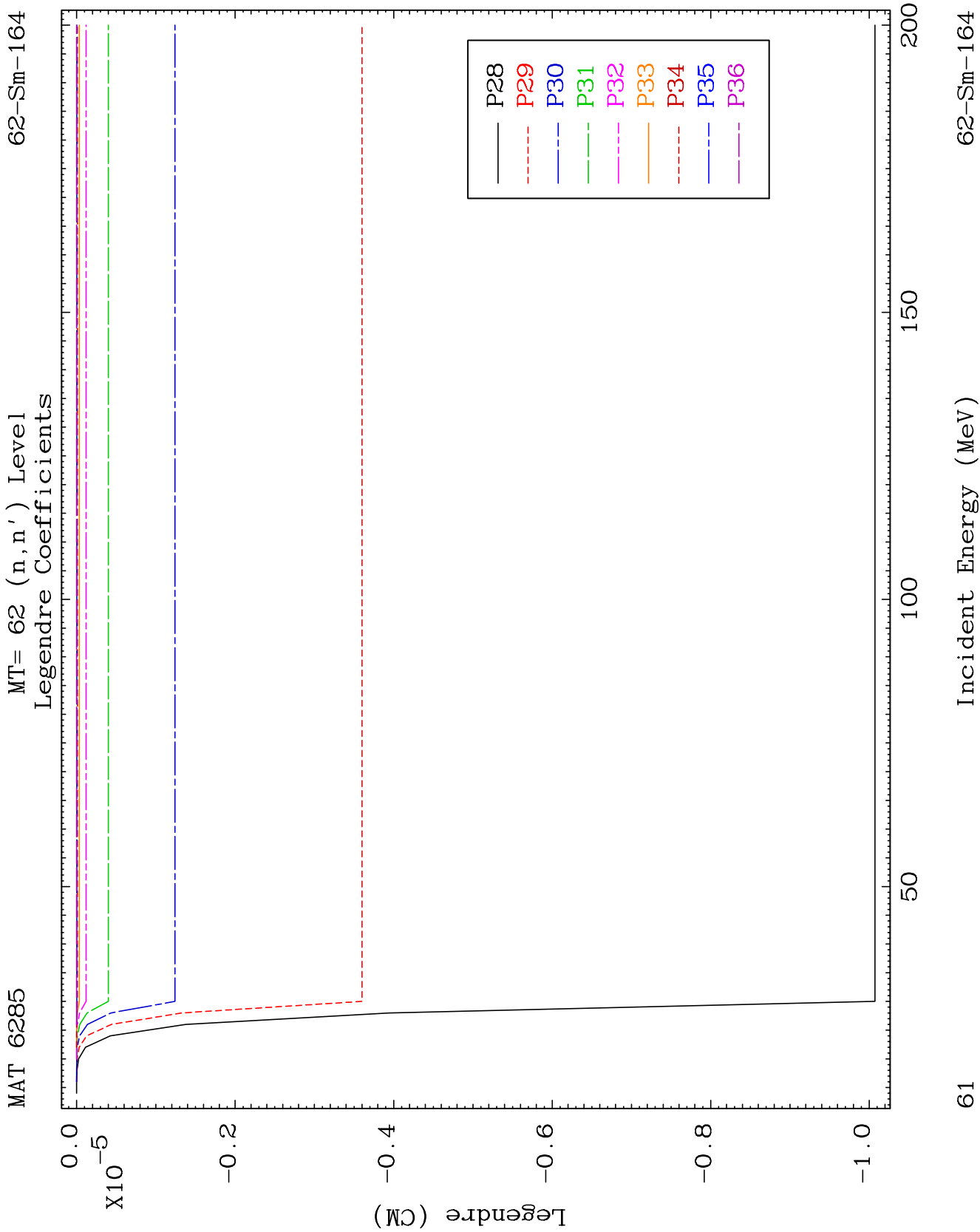
MT= 62 (n, n') Level
Legendre Coefficients

62-Sm-164





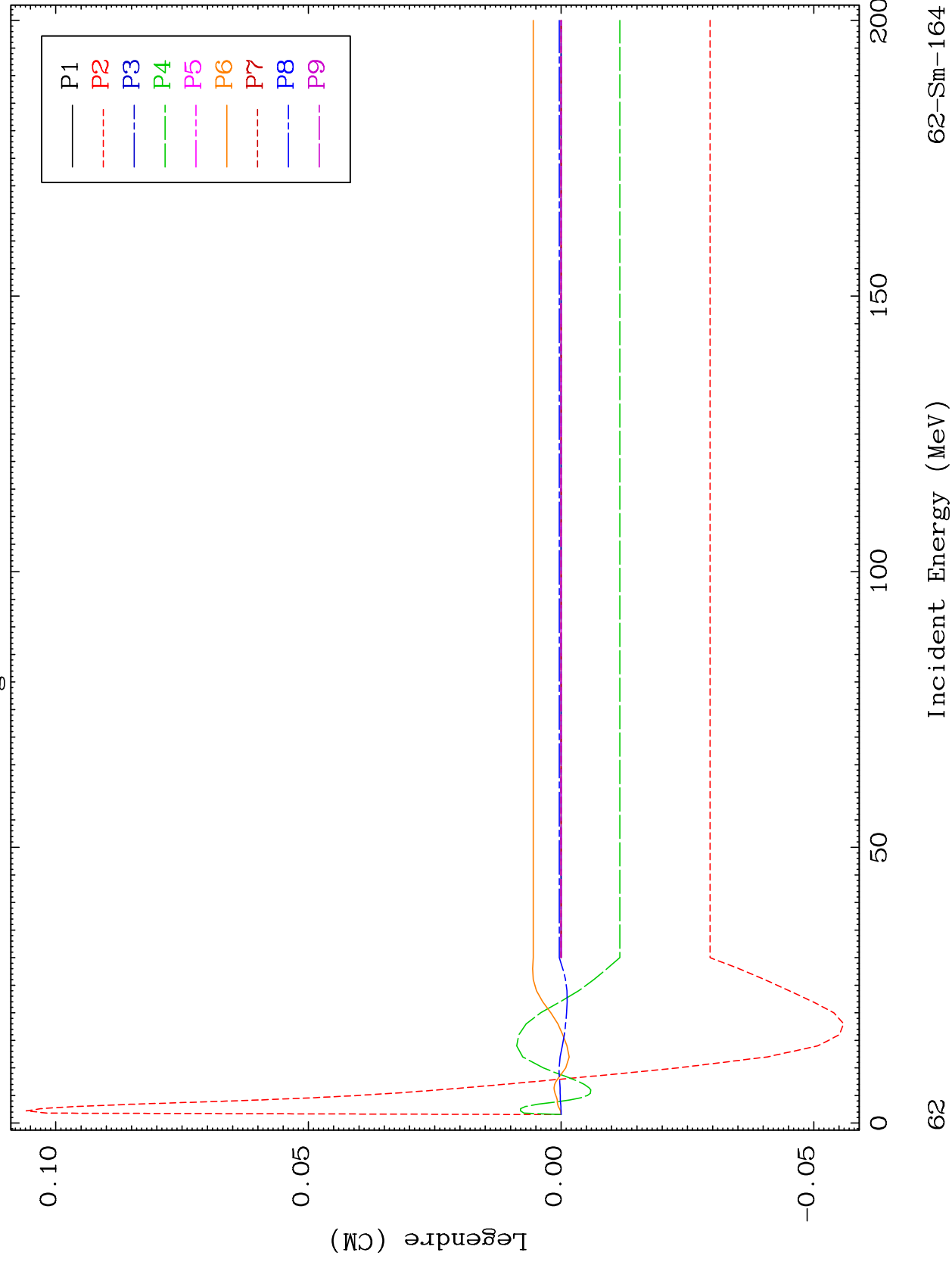


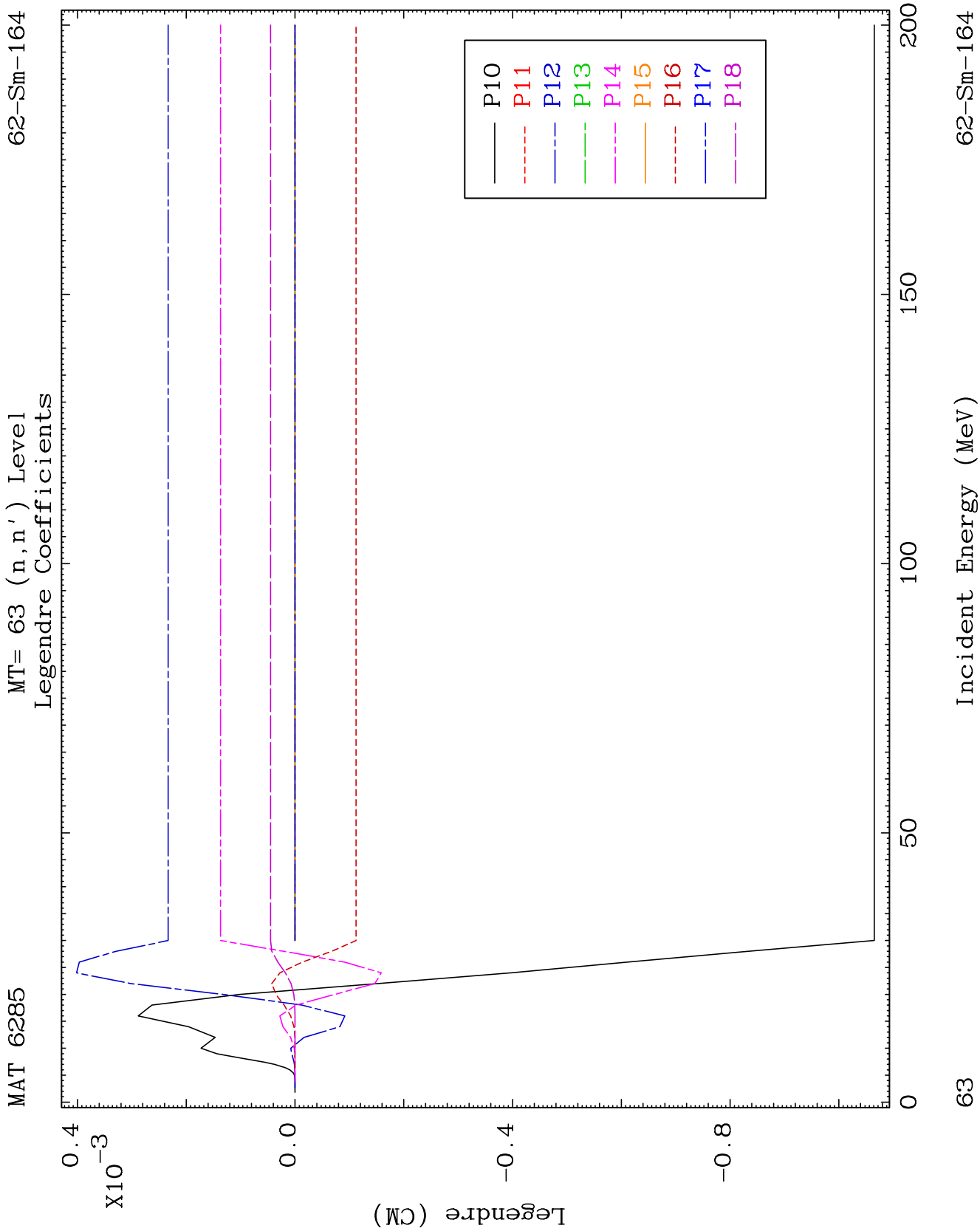


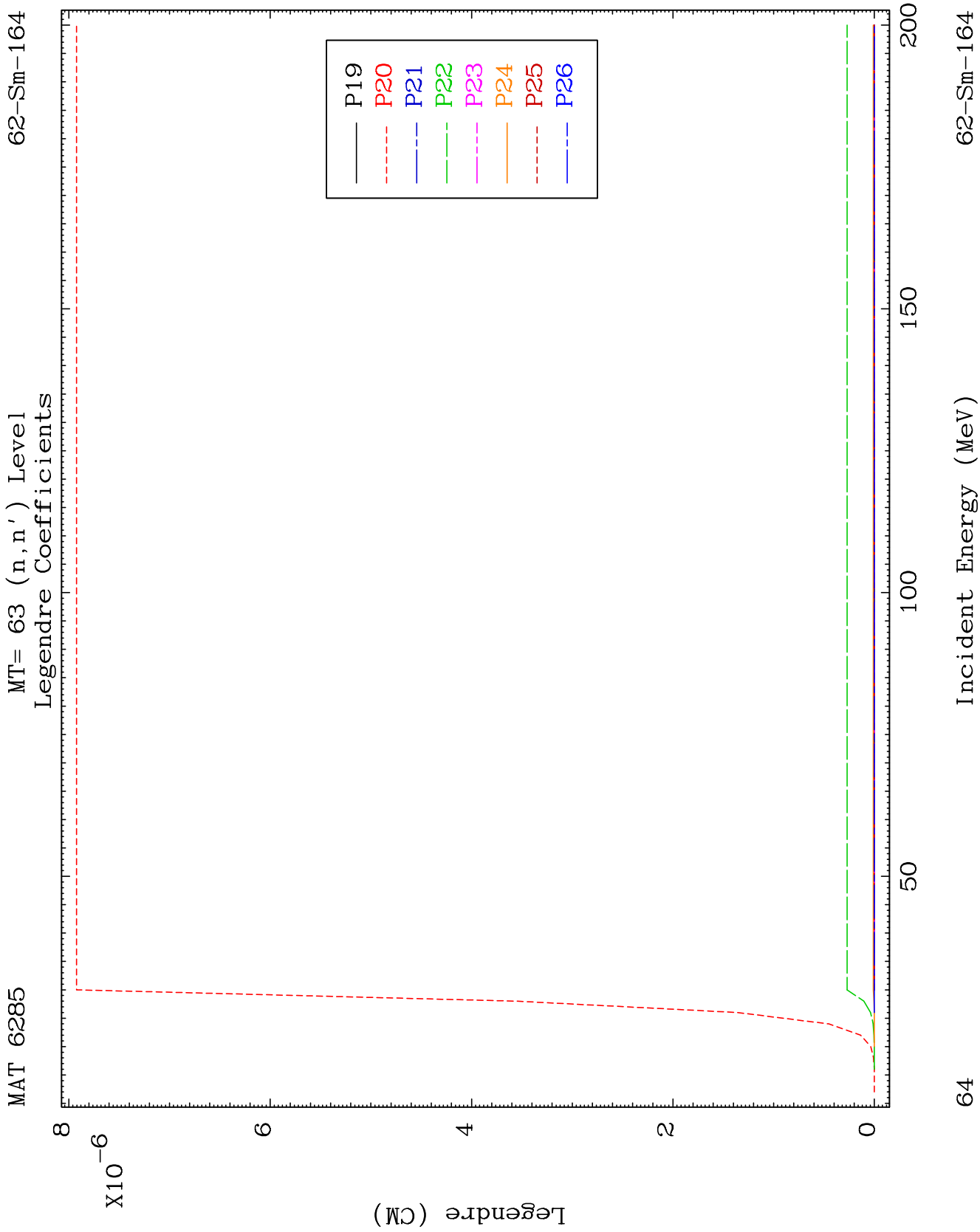
MAT 6285

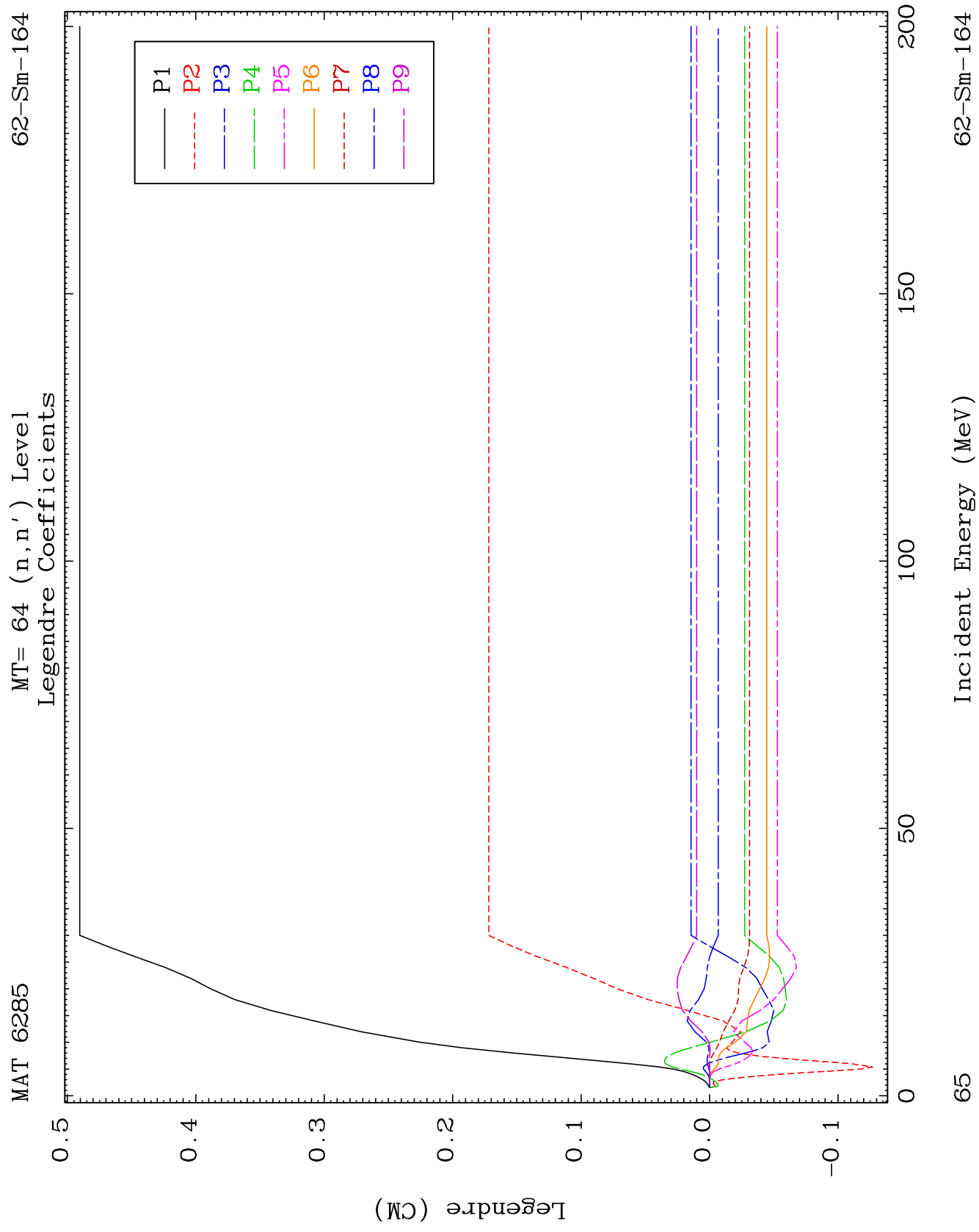
MT= 63 (n, n') Level
Legendre Coefficients

62-Sm-164





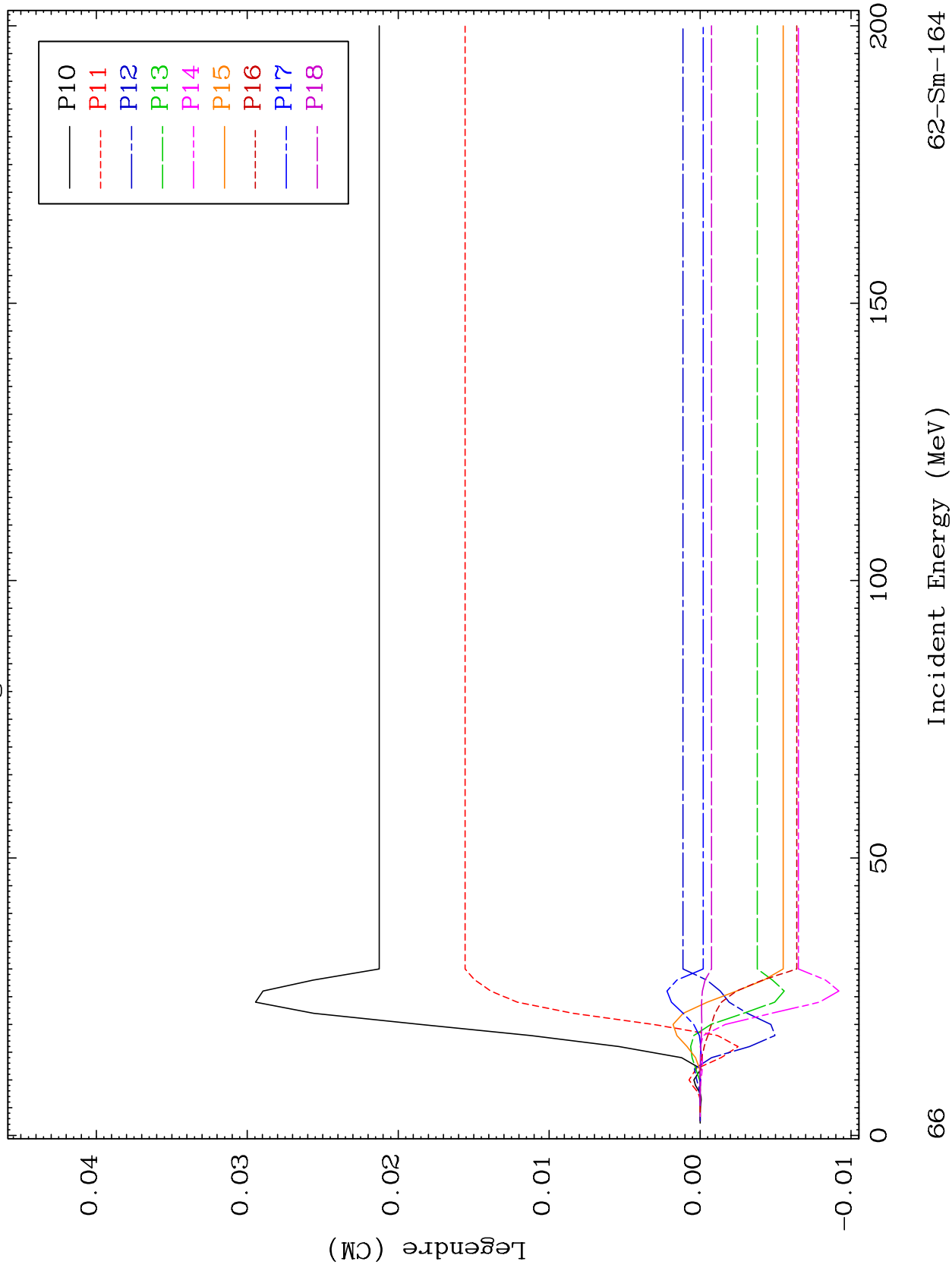


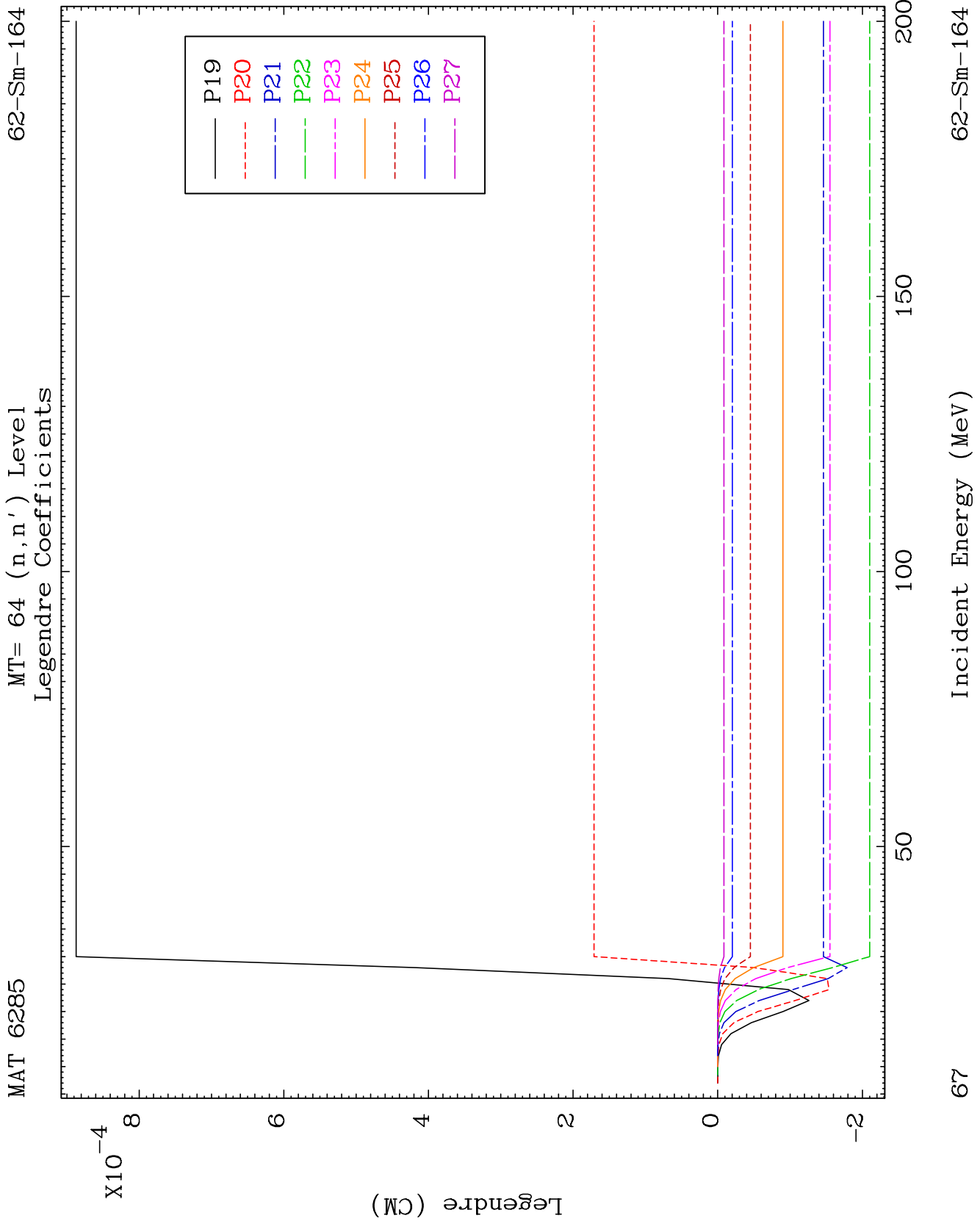


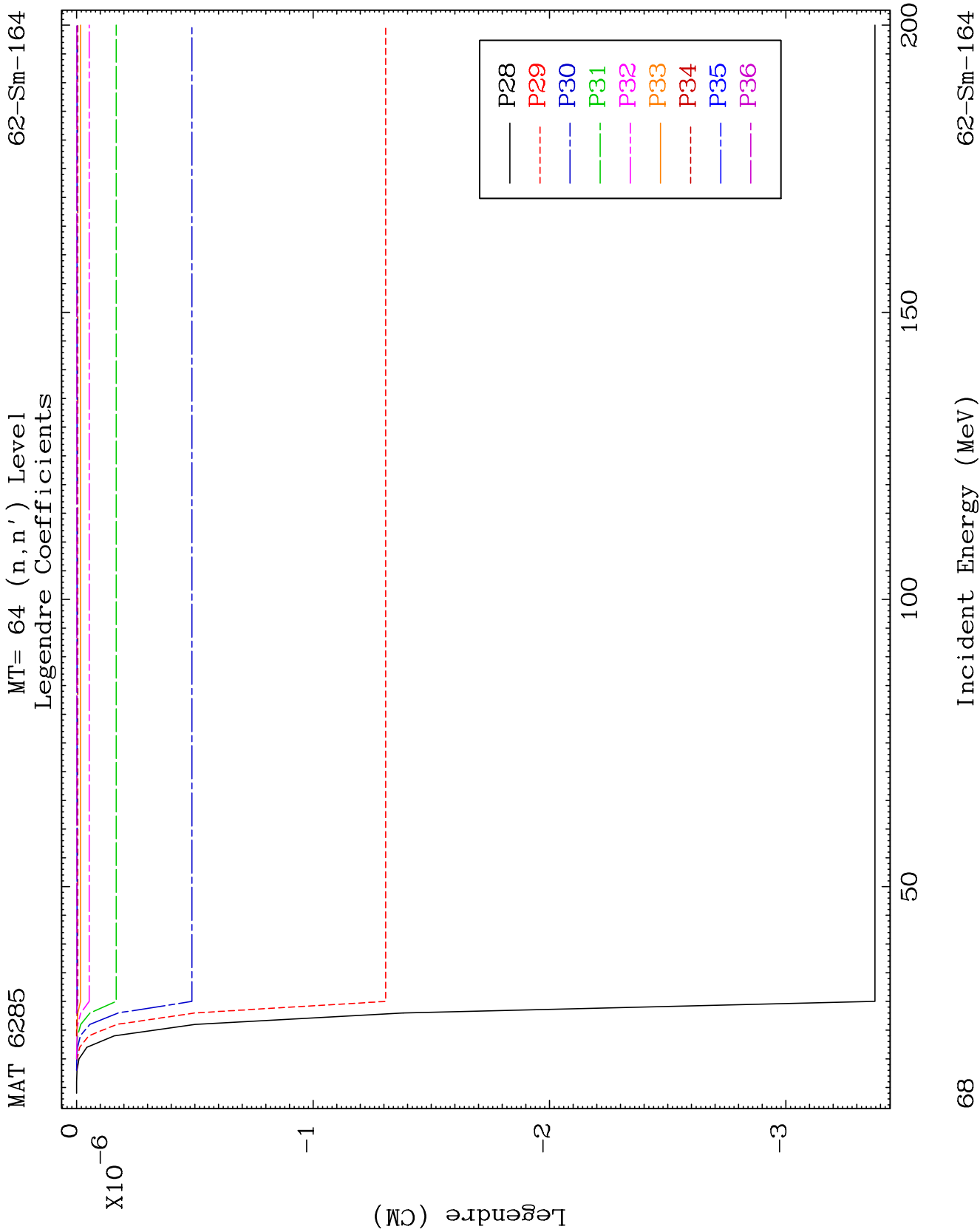
MAT 6285

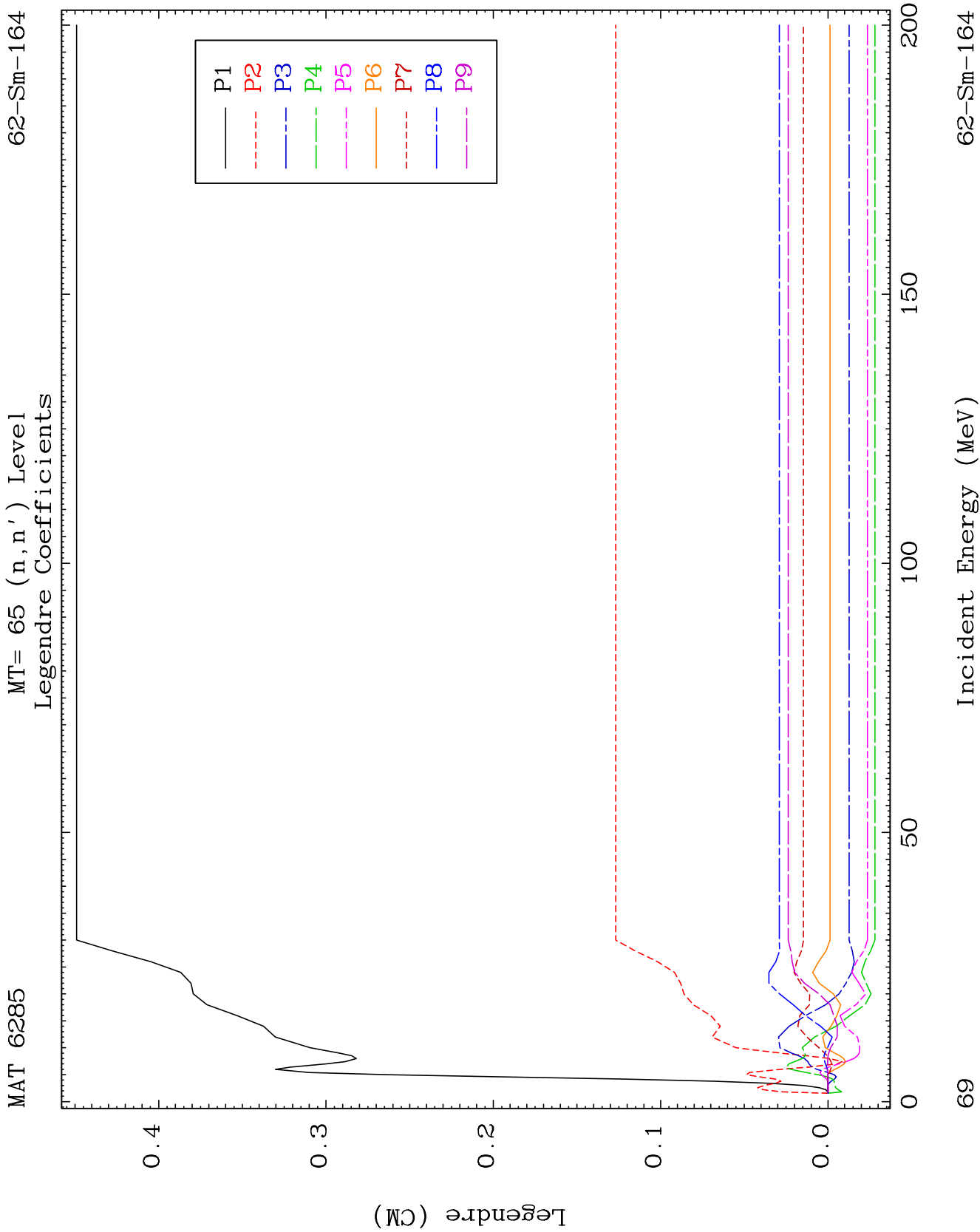
MT= 64 (n, n') Level
Legendre Coefficients

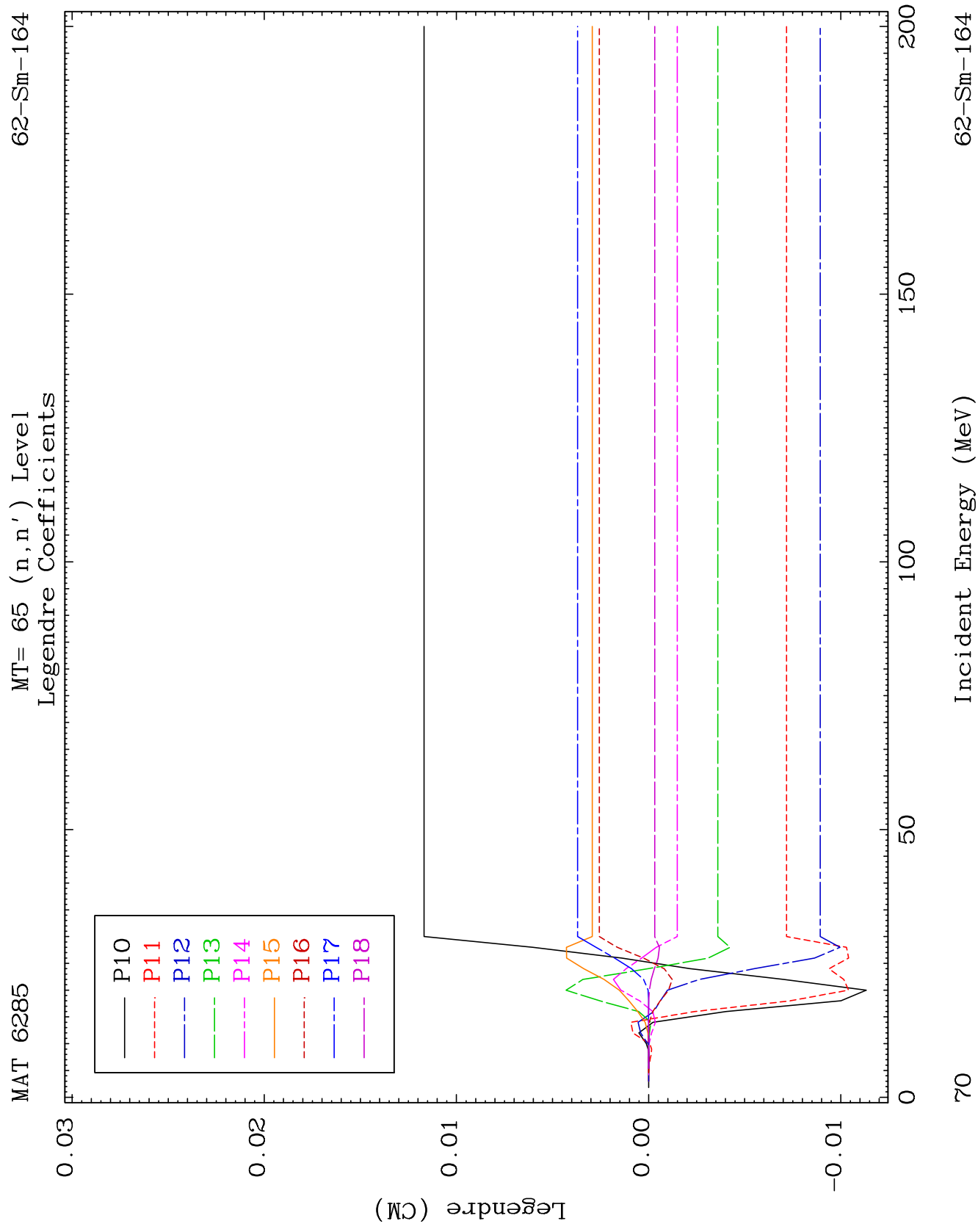
62-Sm-164

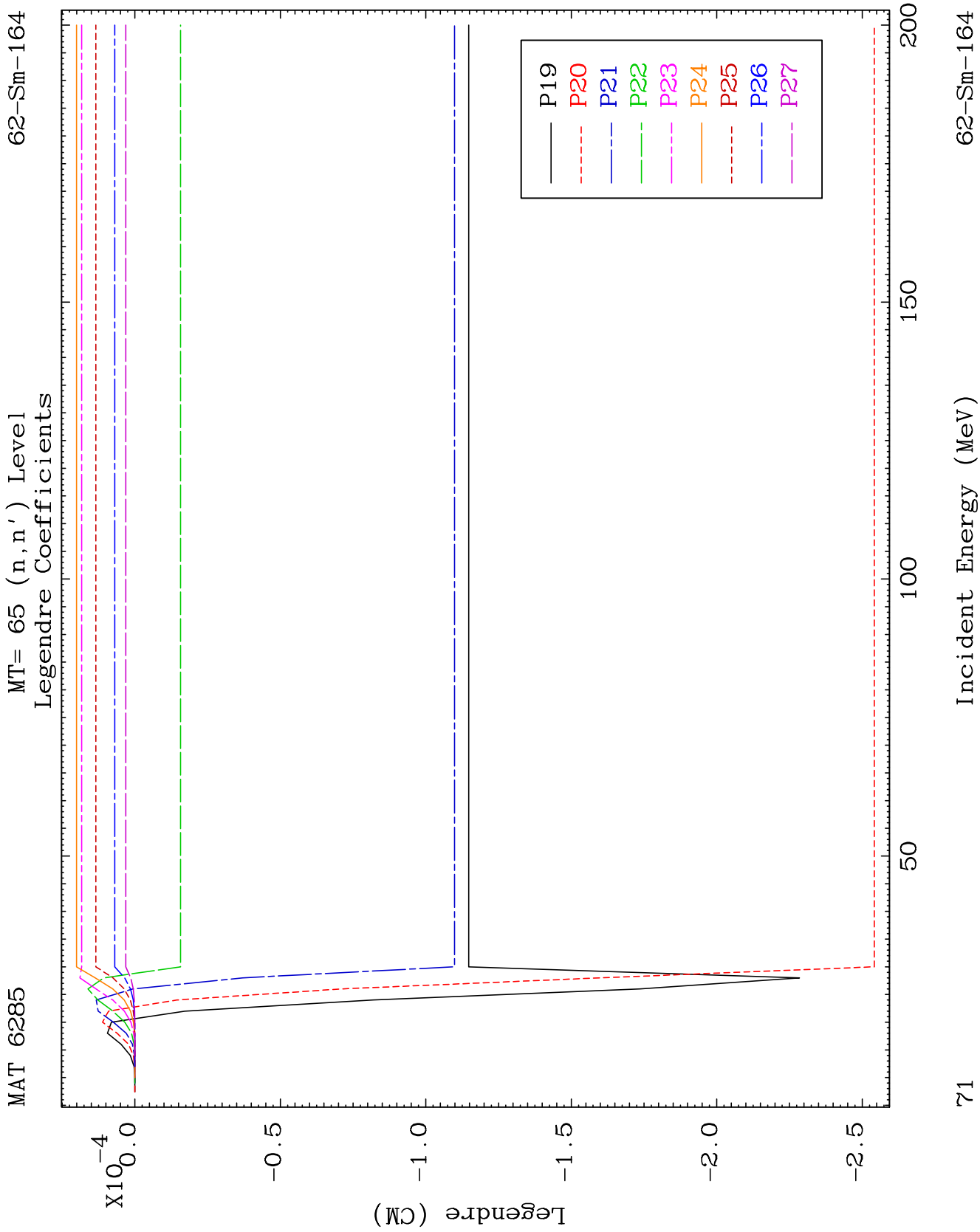








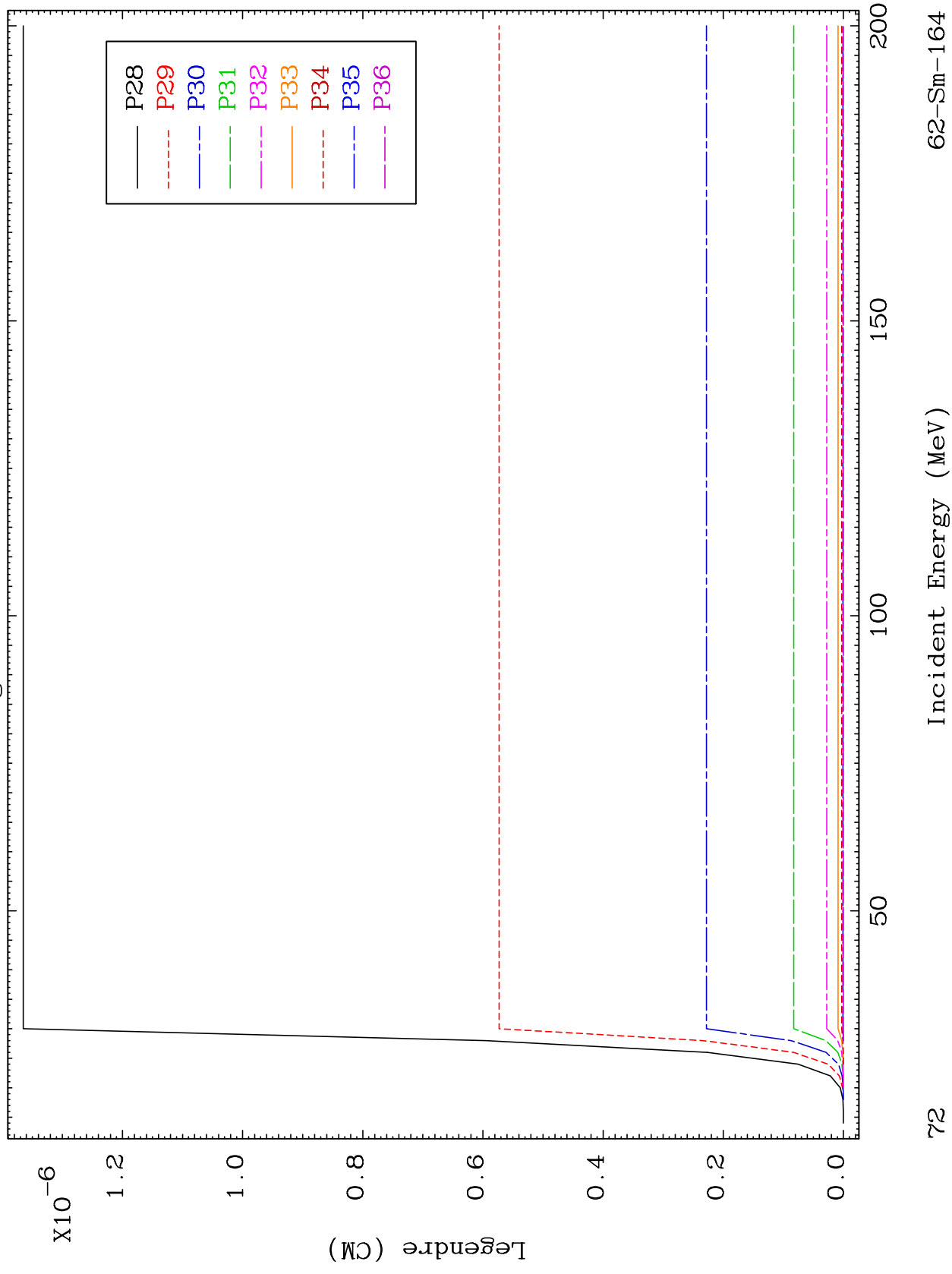




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MT= 65 (n, n') Level
Legendre Coefficients

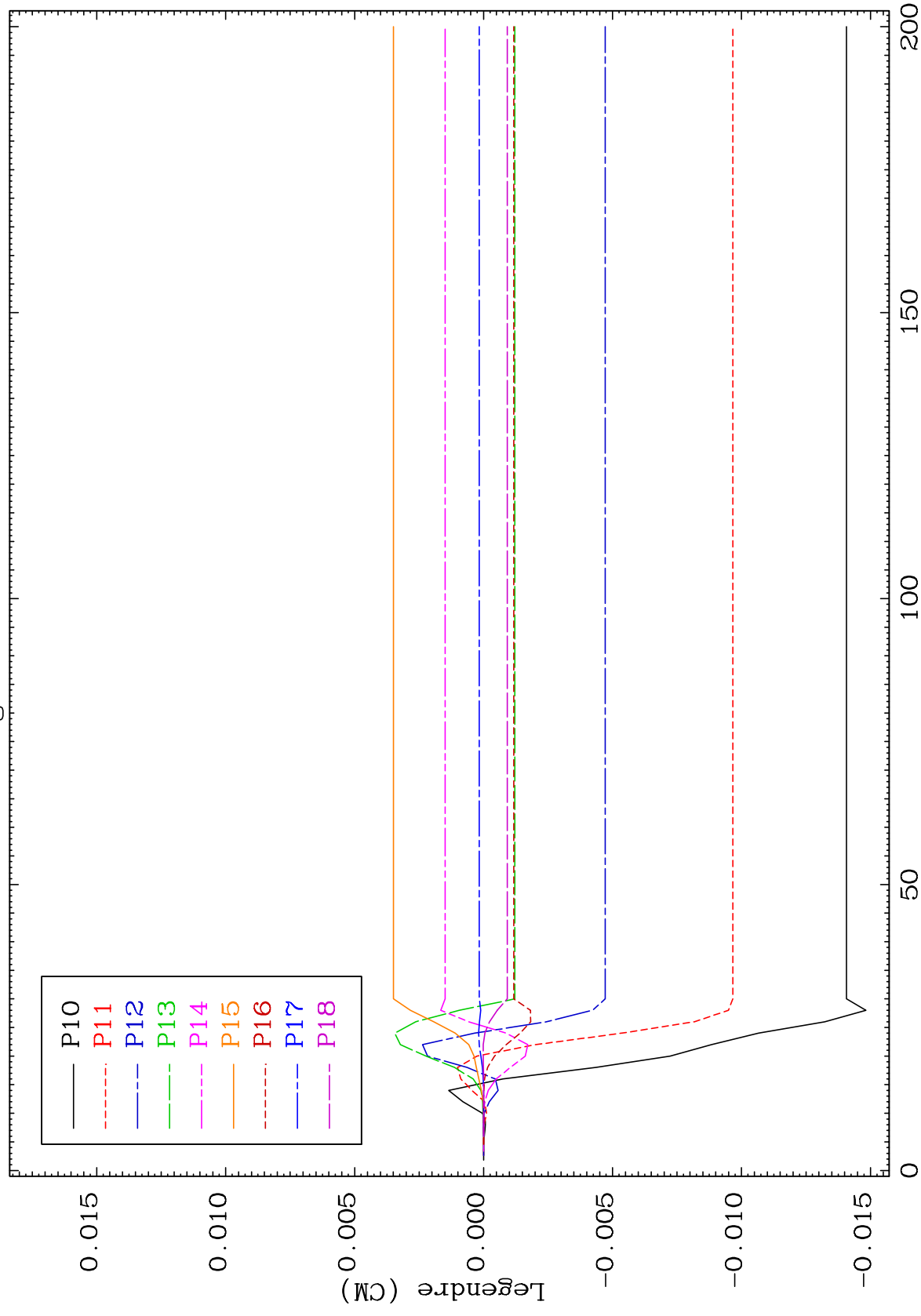
62-Sm-164



MAT 6285

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

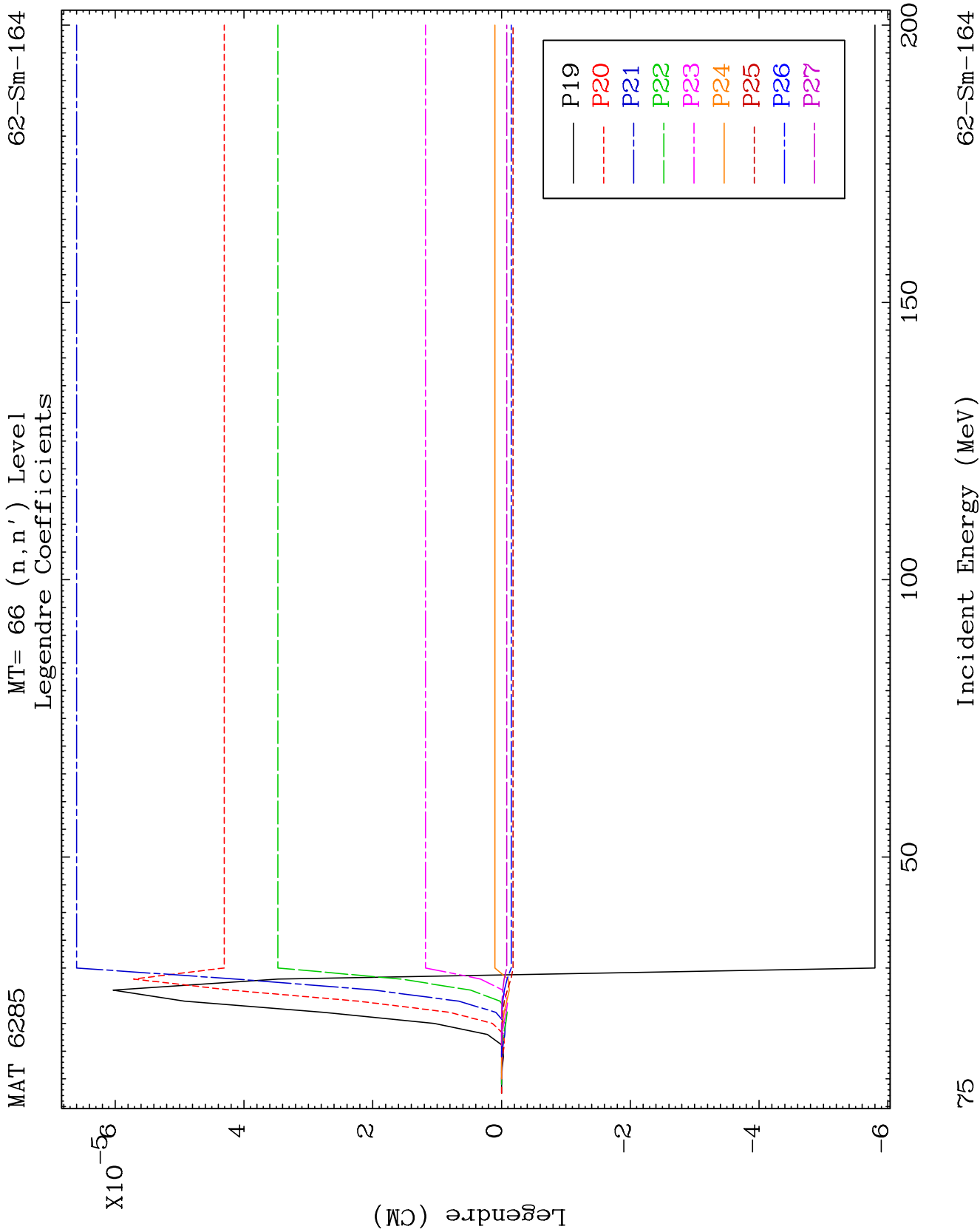
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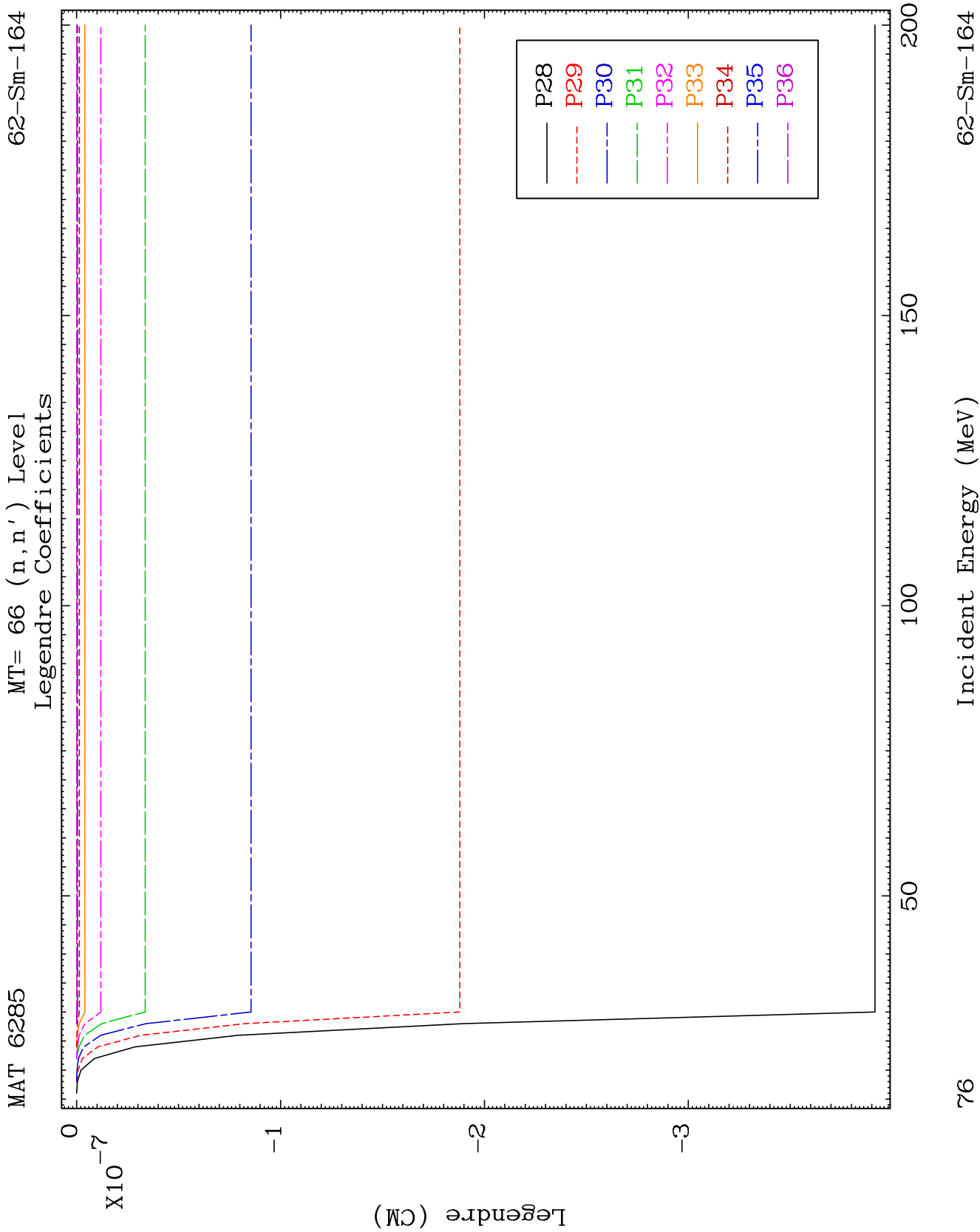


42

Incident Energy (MeV)

62-Sm-164

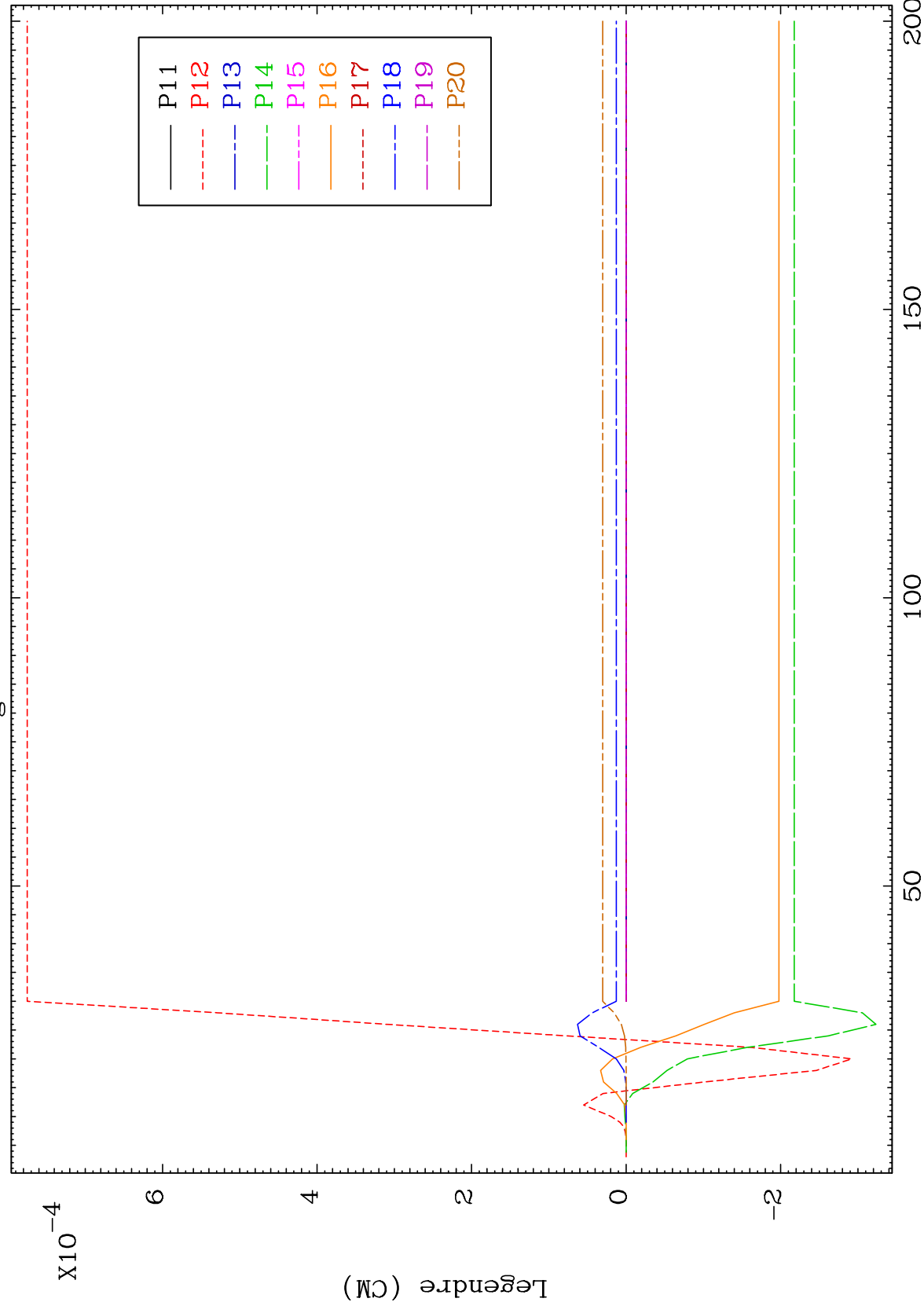




MAT 6285

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

62-Sm-164



82

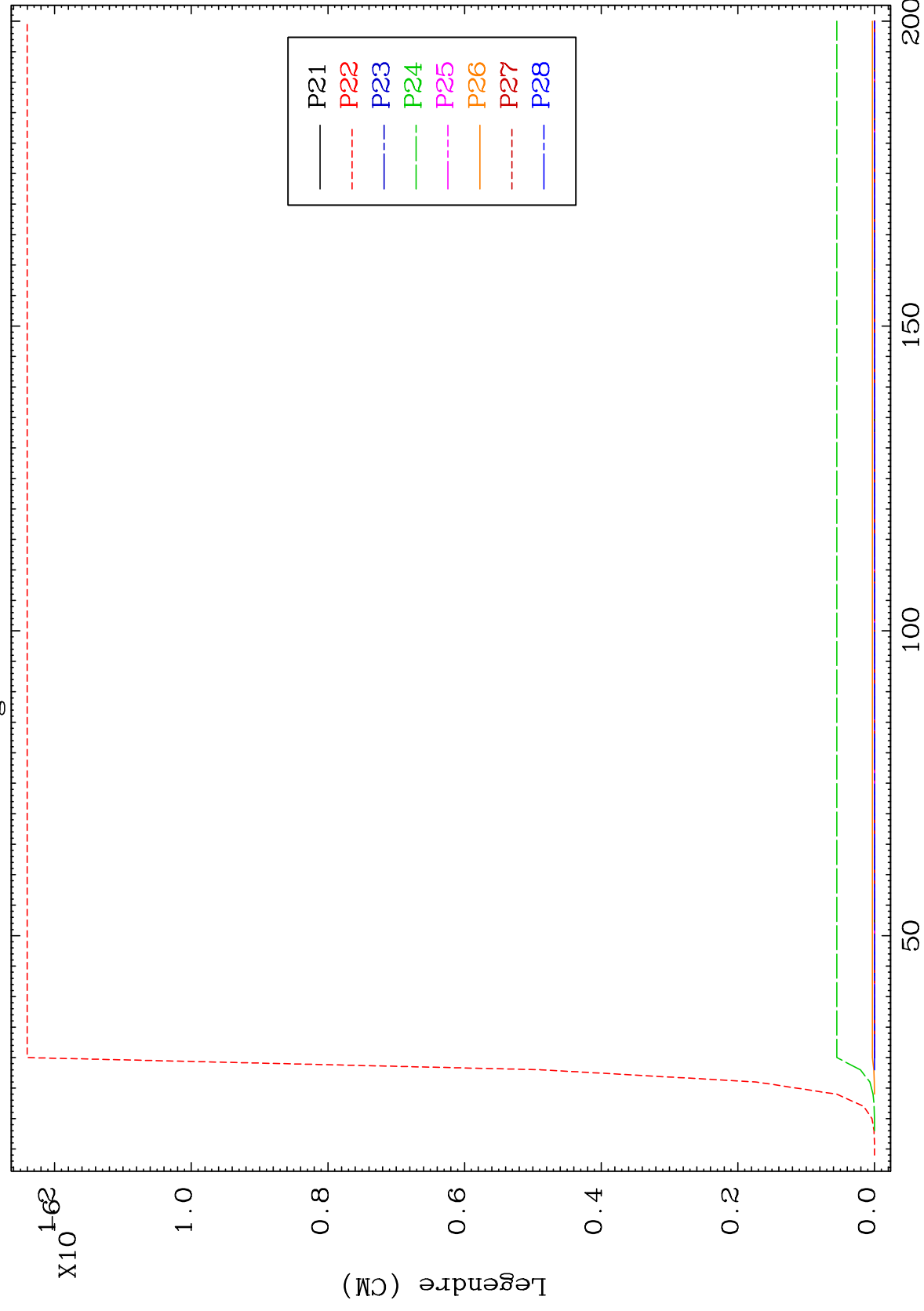
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

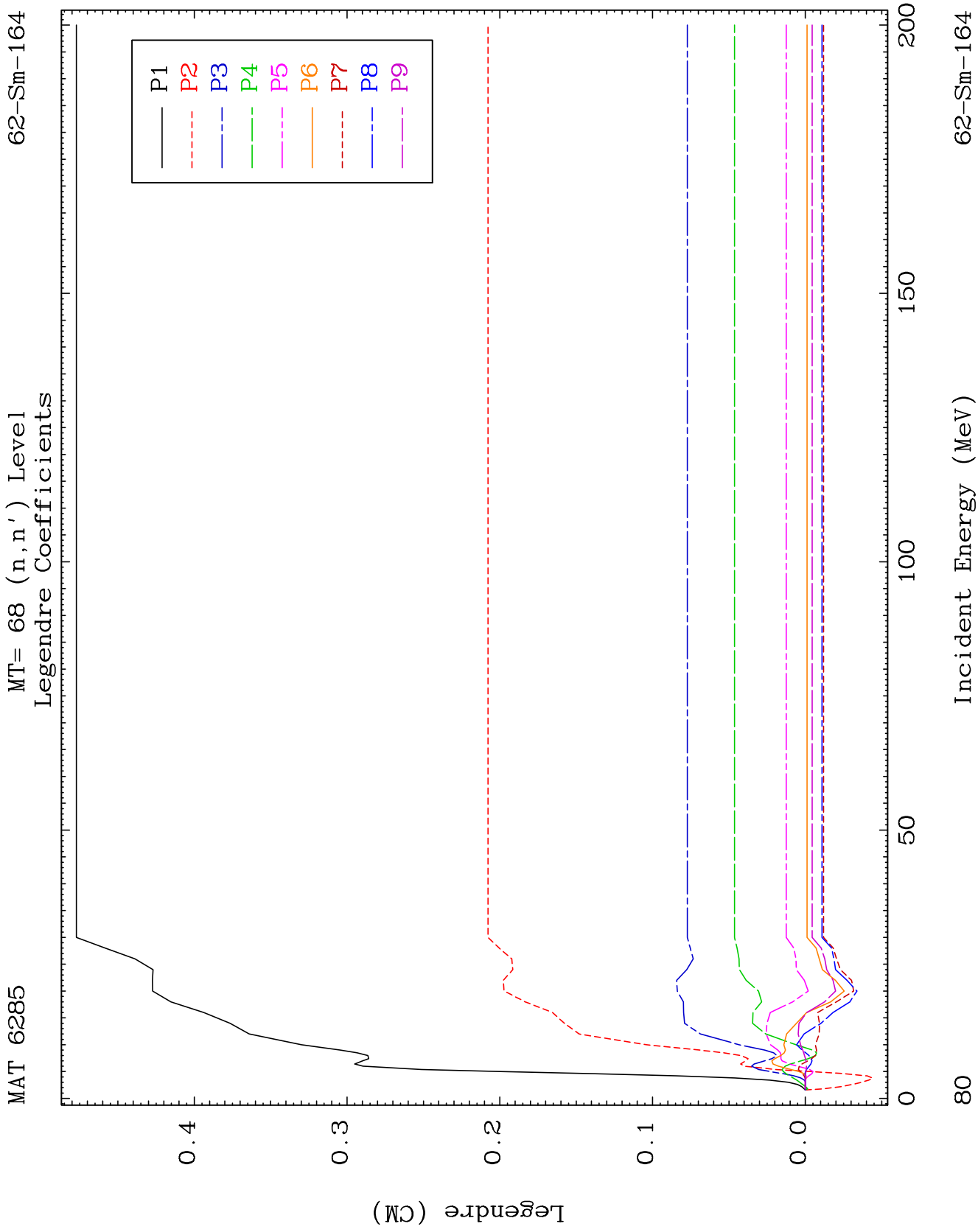
62-Sm-164

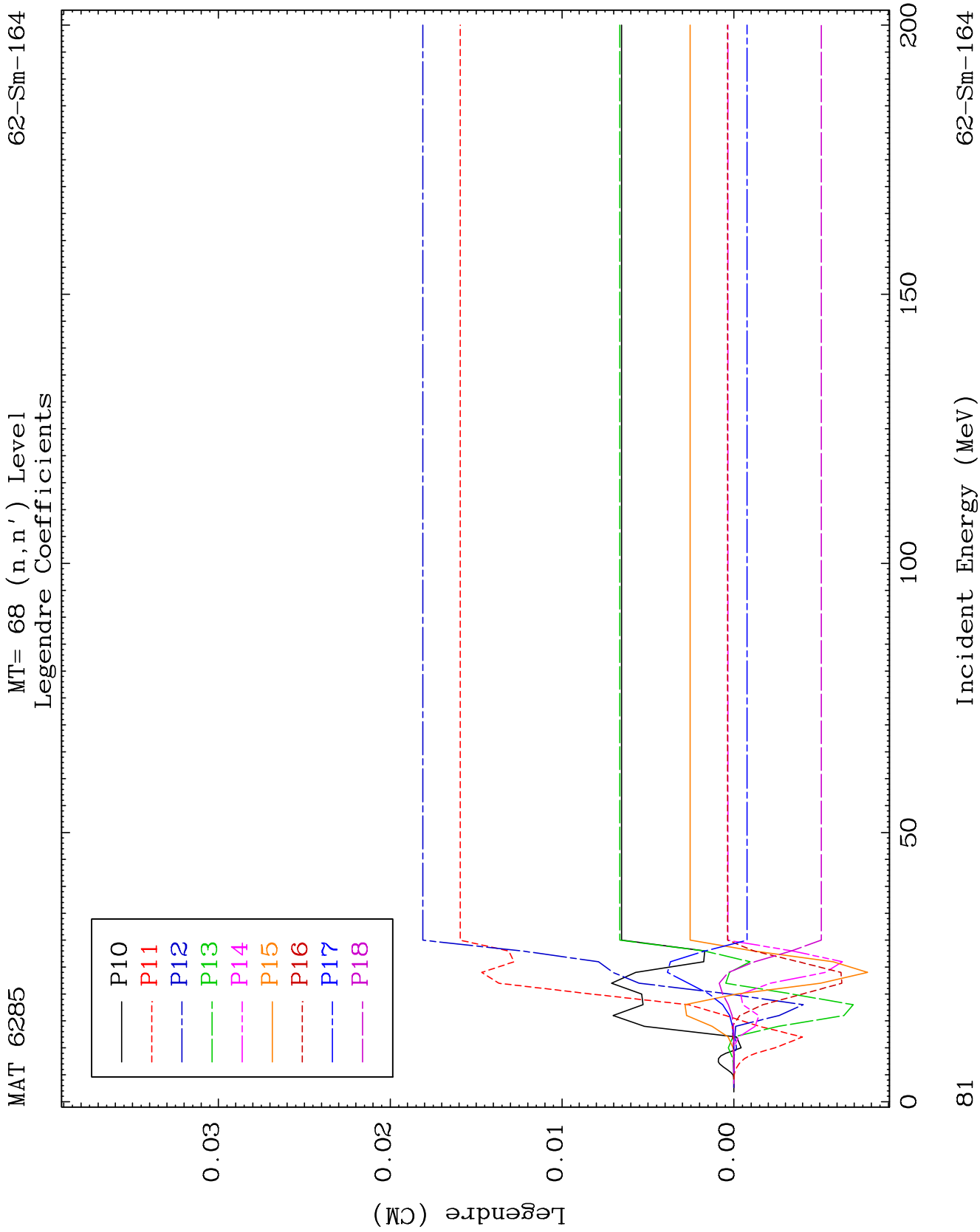


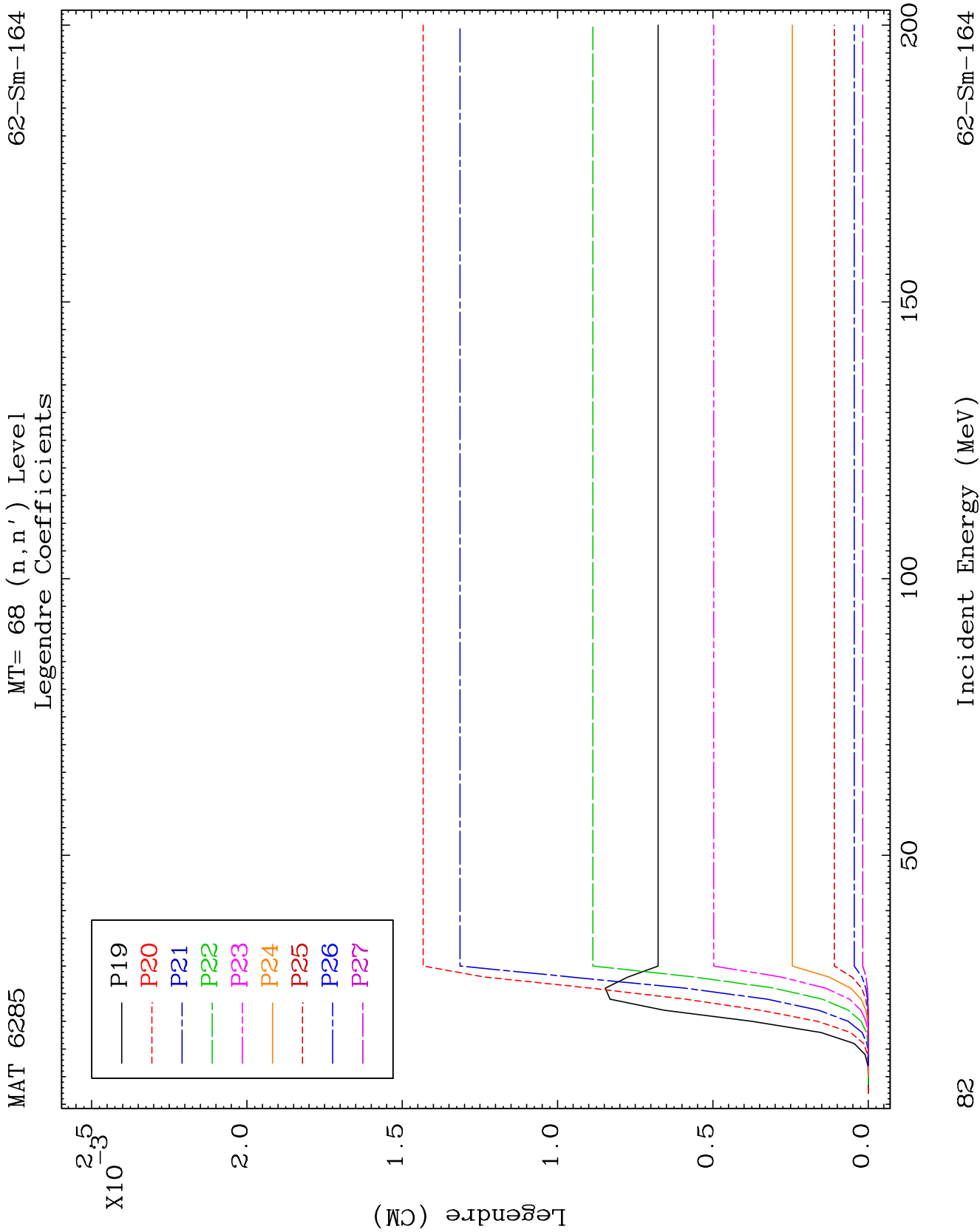
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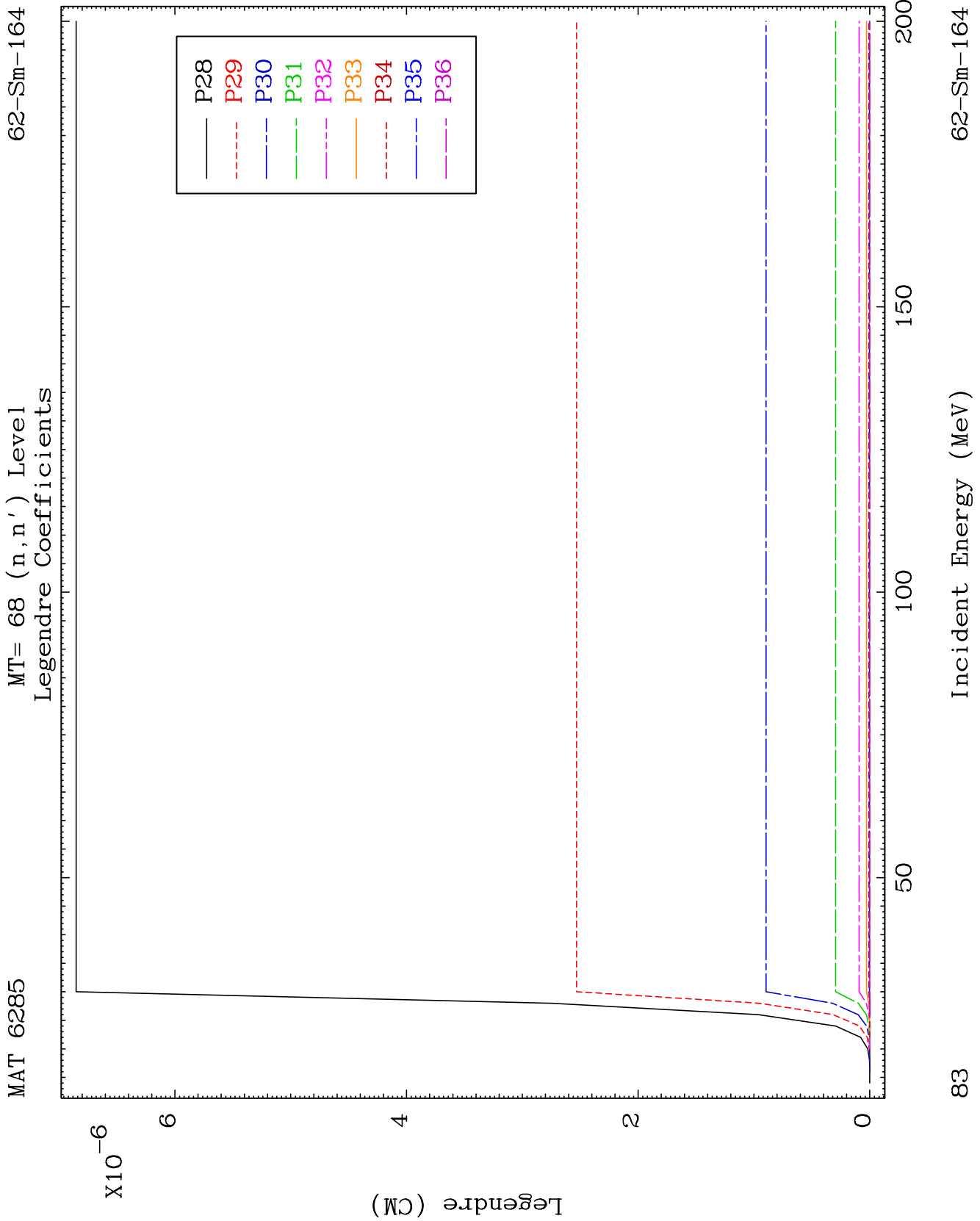
Incident Energy (MeV)

62-Sm-164





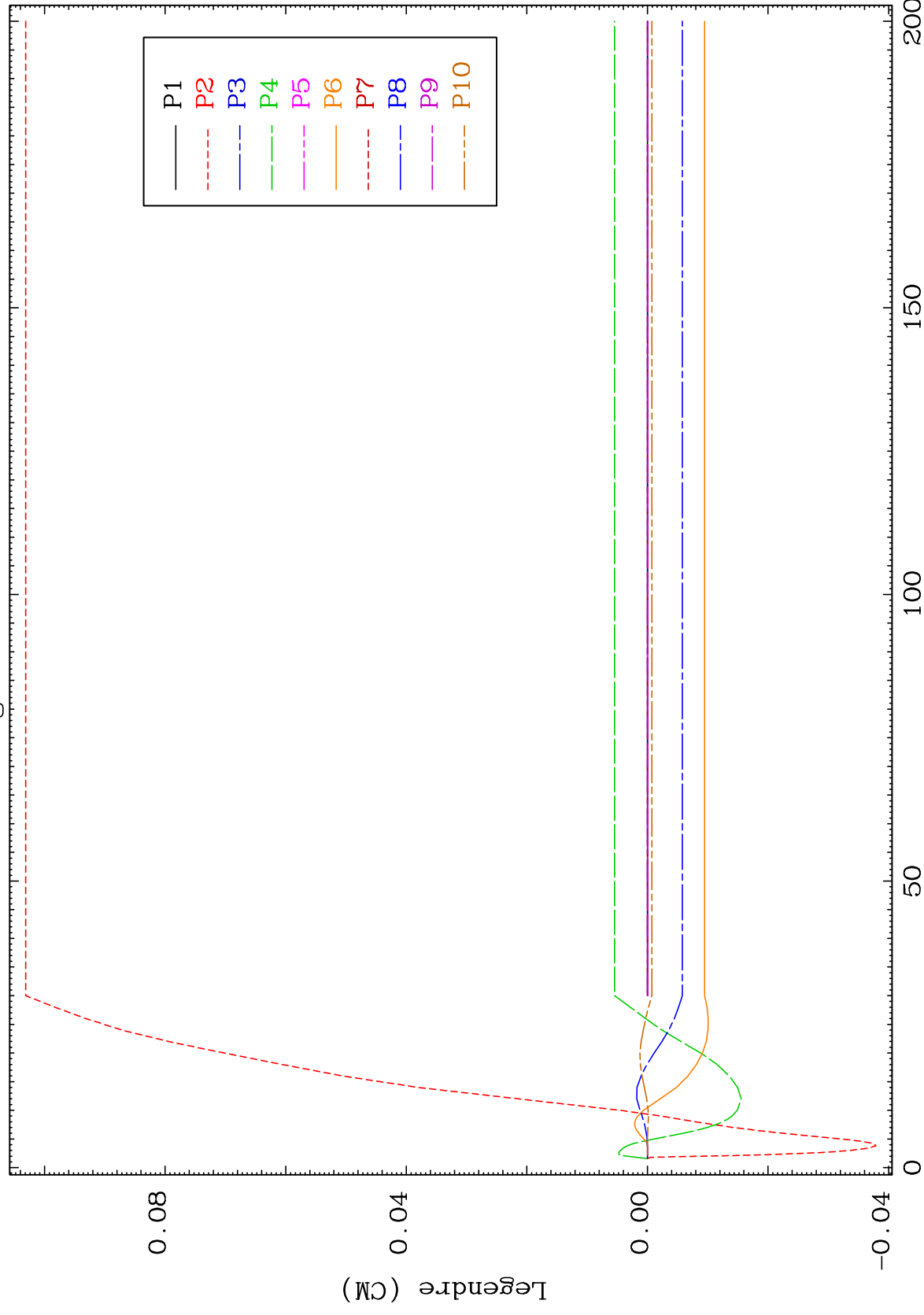




MAT 6285

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

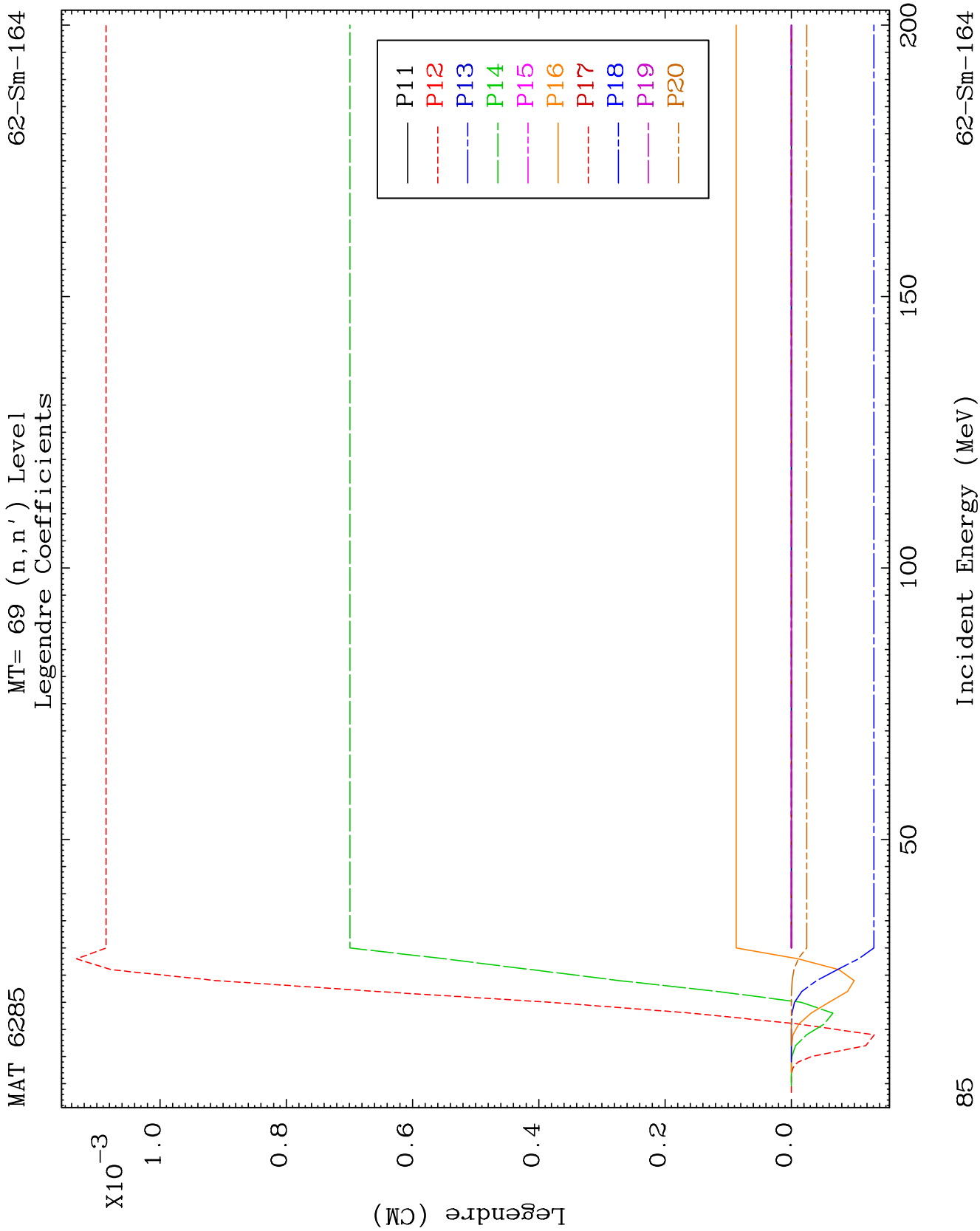
62-Sm-164

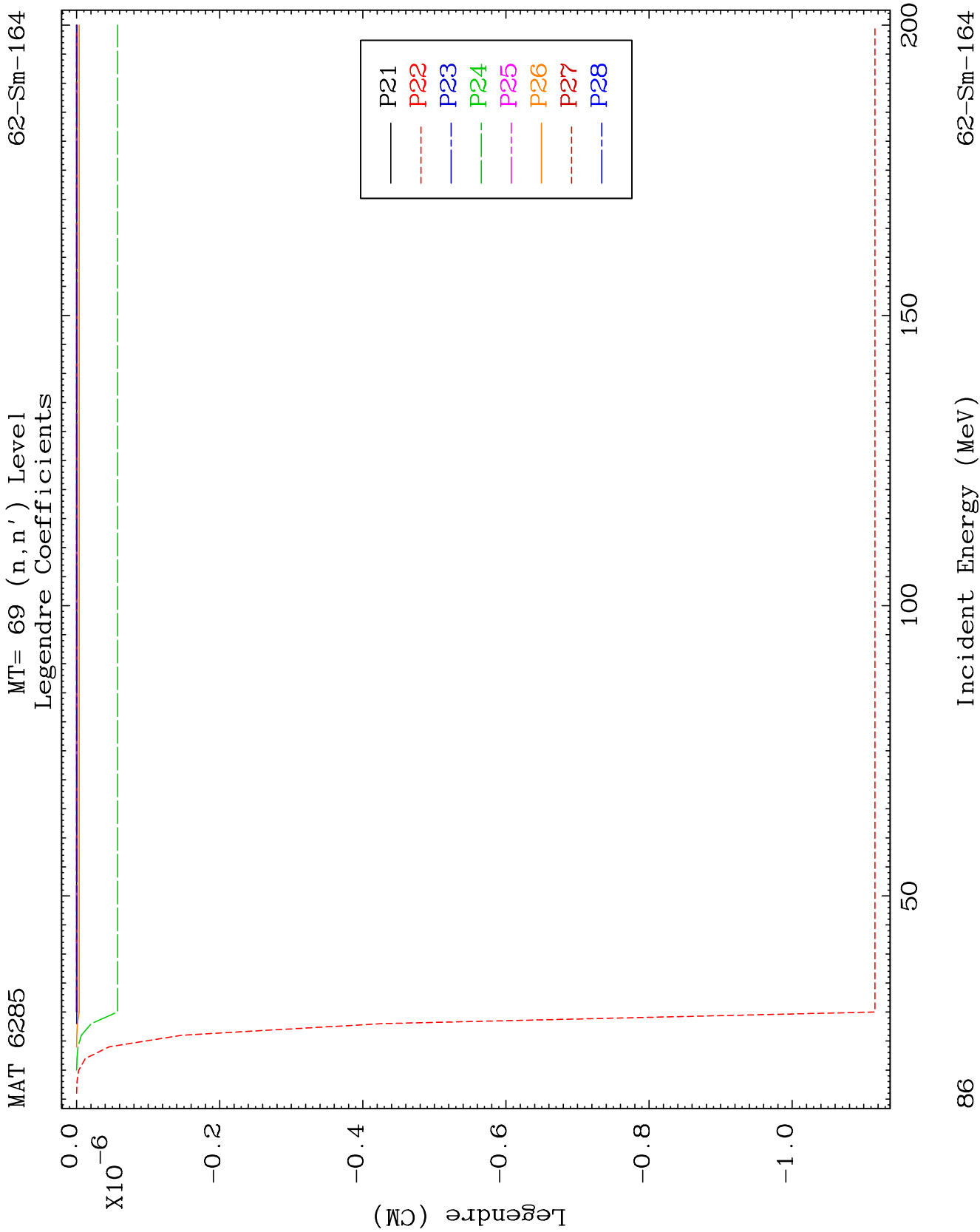


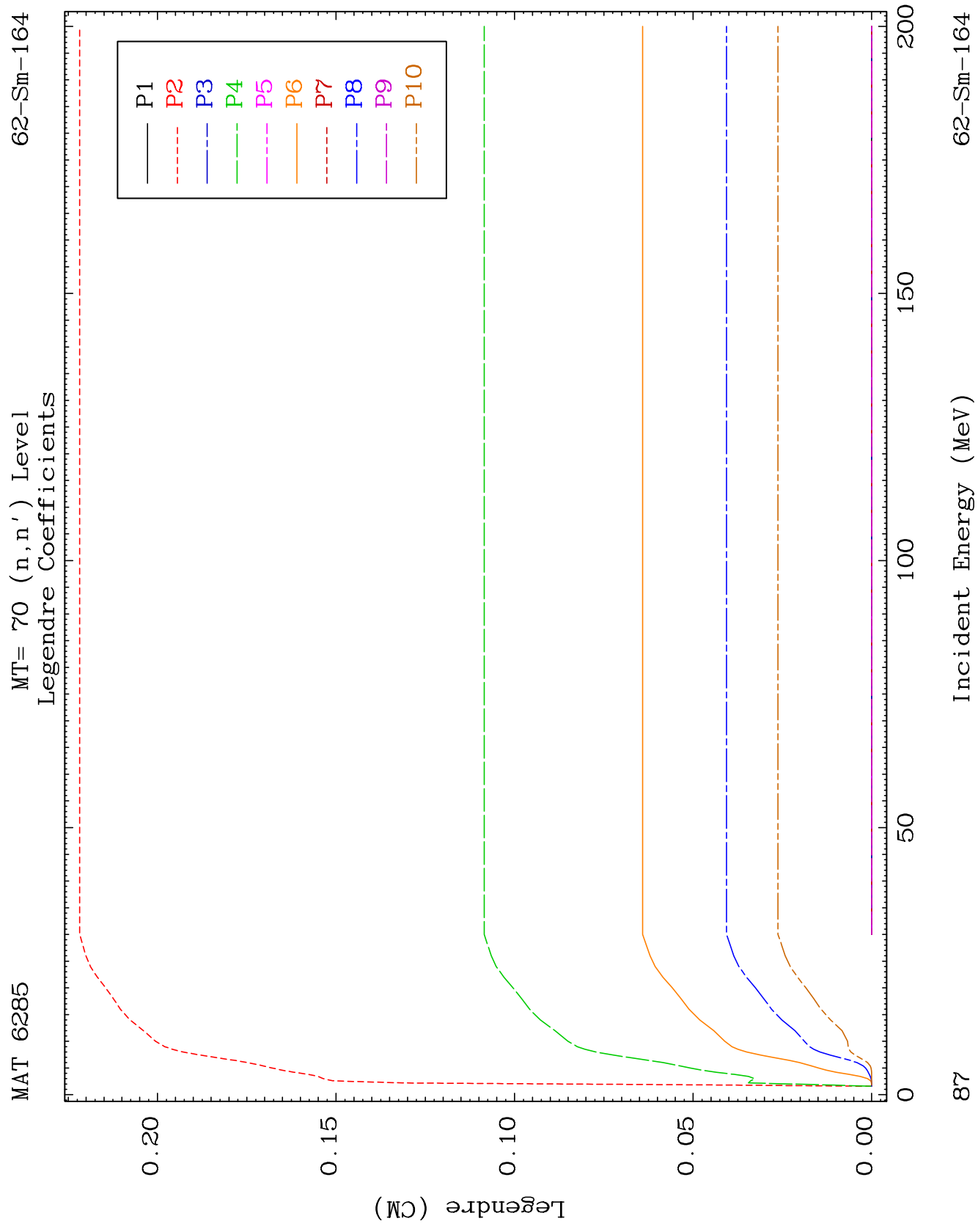
62-Sm-164

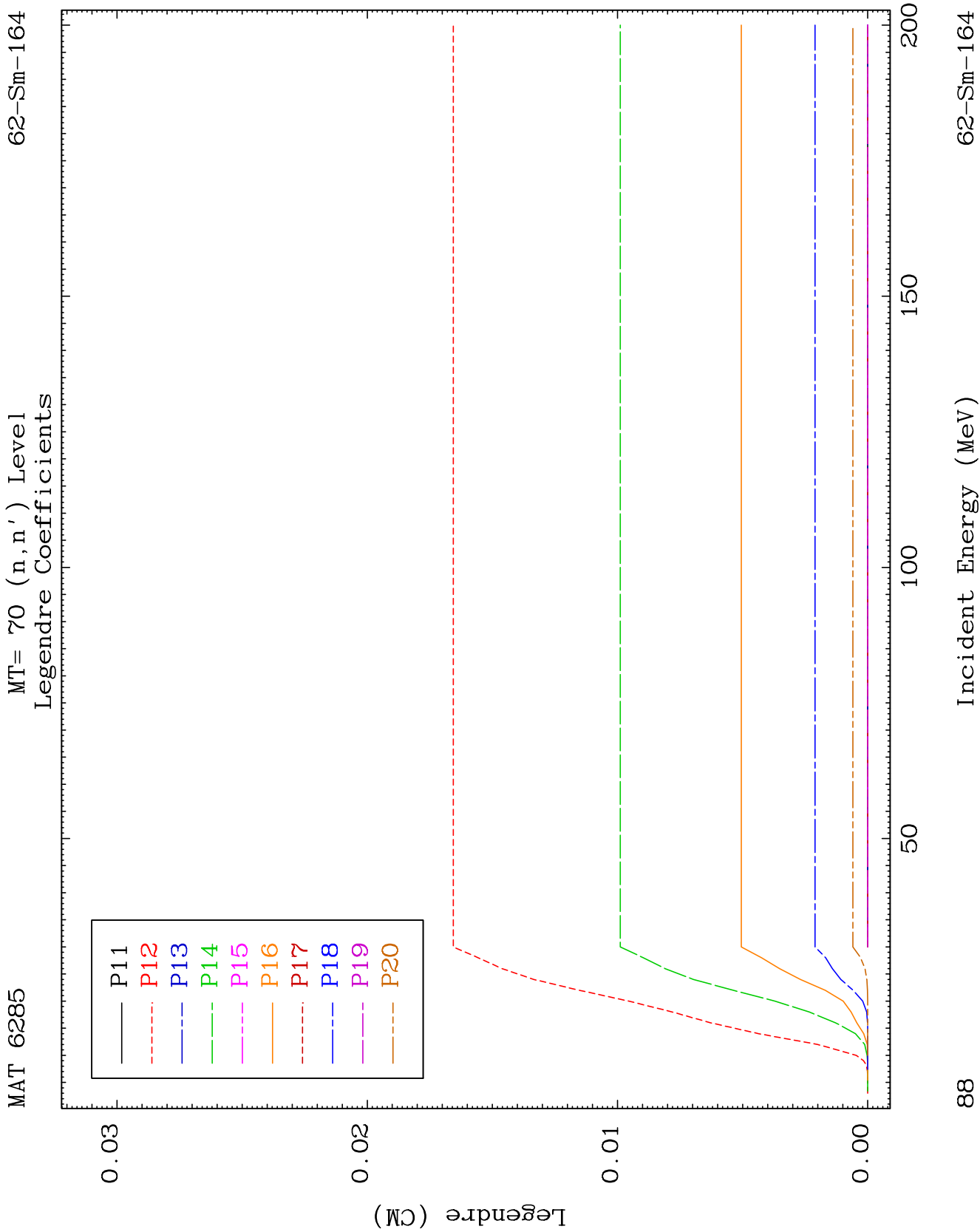
Incident Energy (MeV)

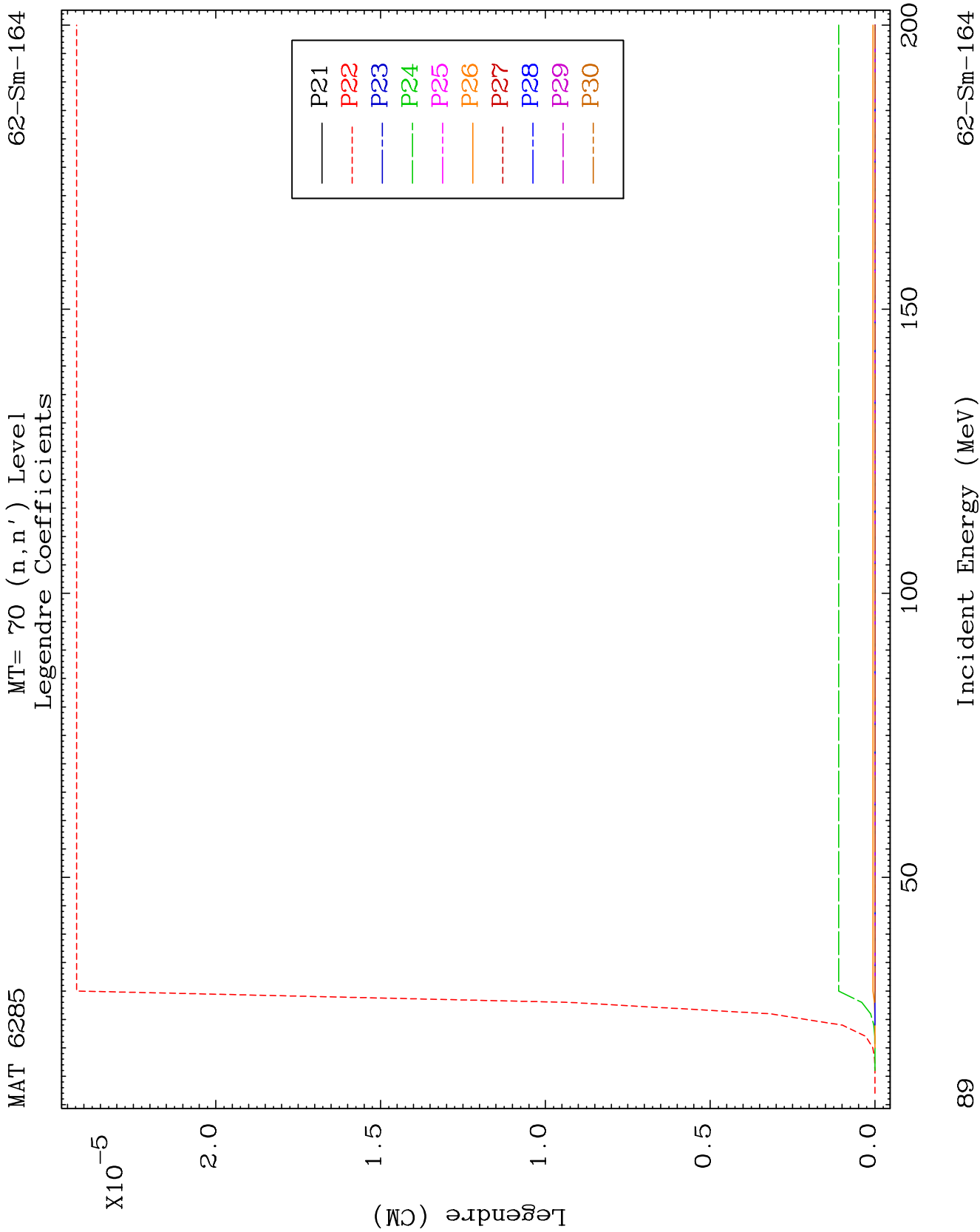
84

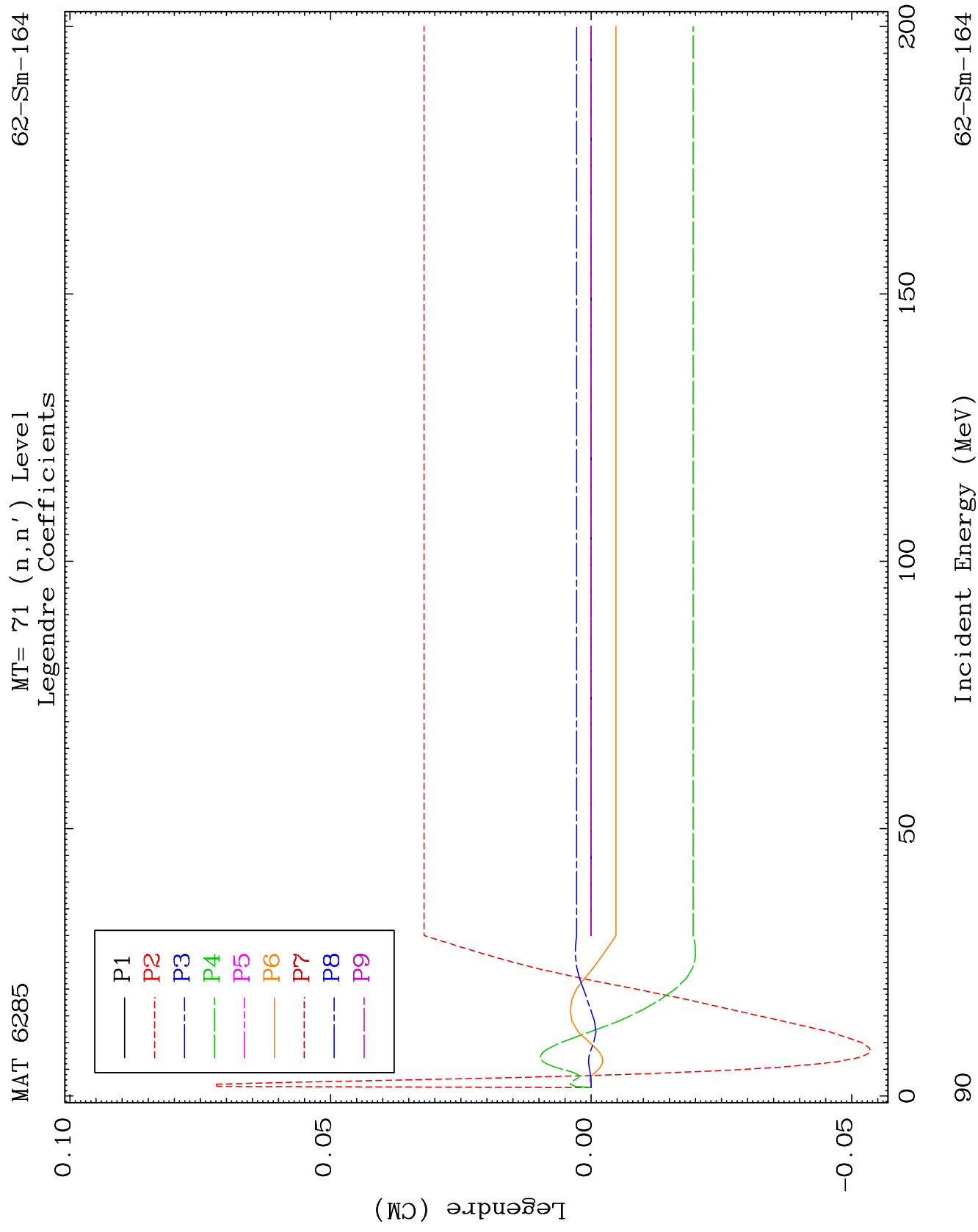


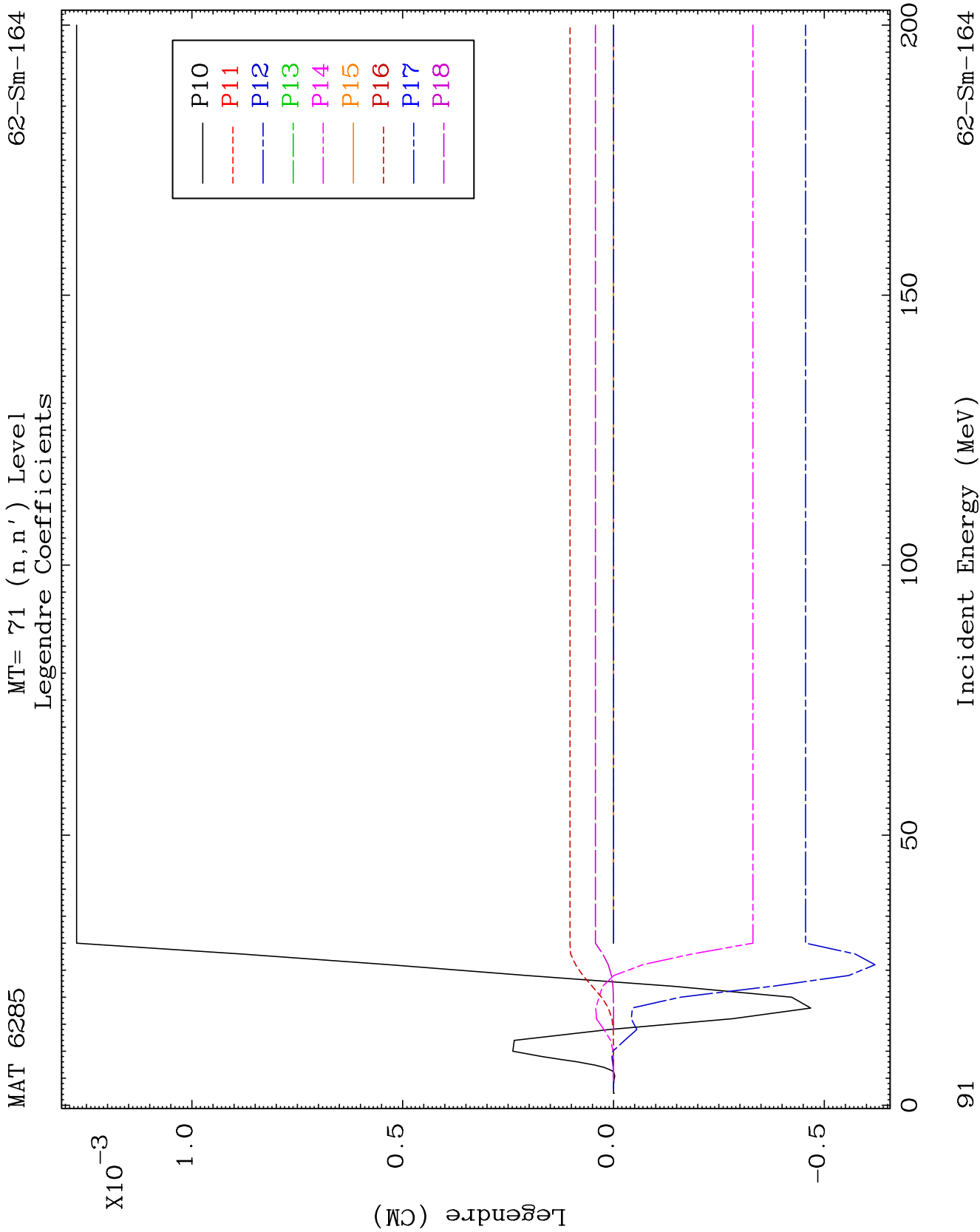


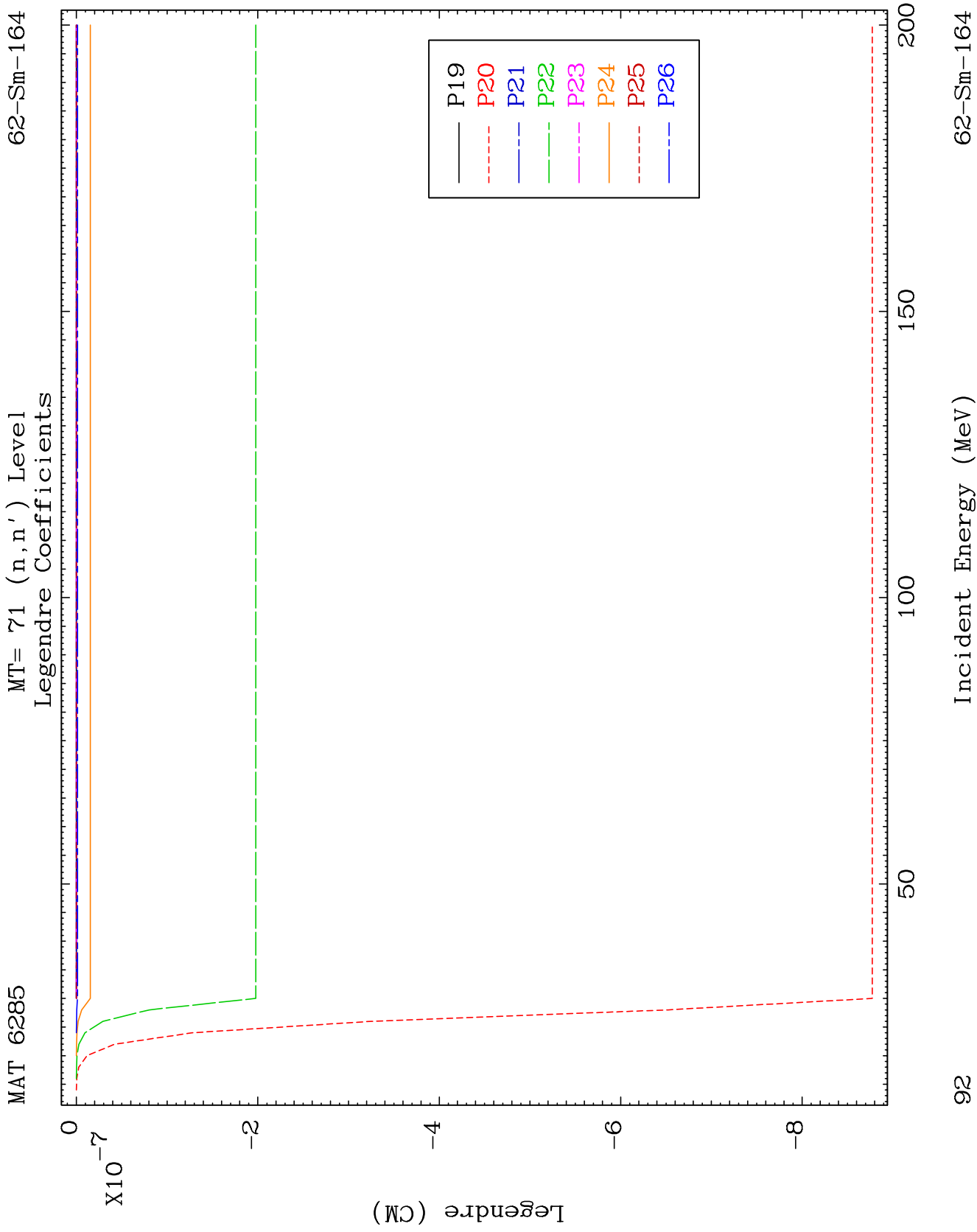


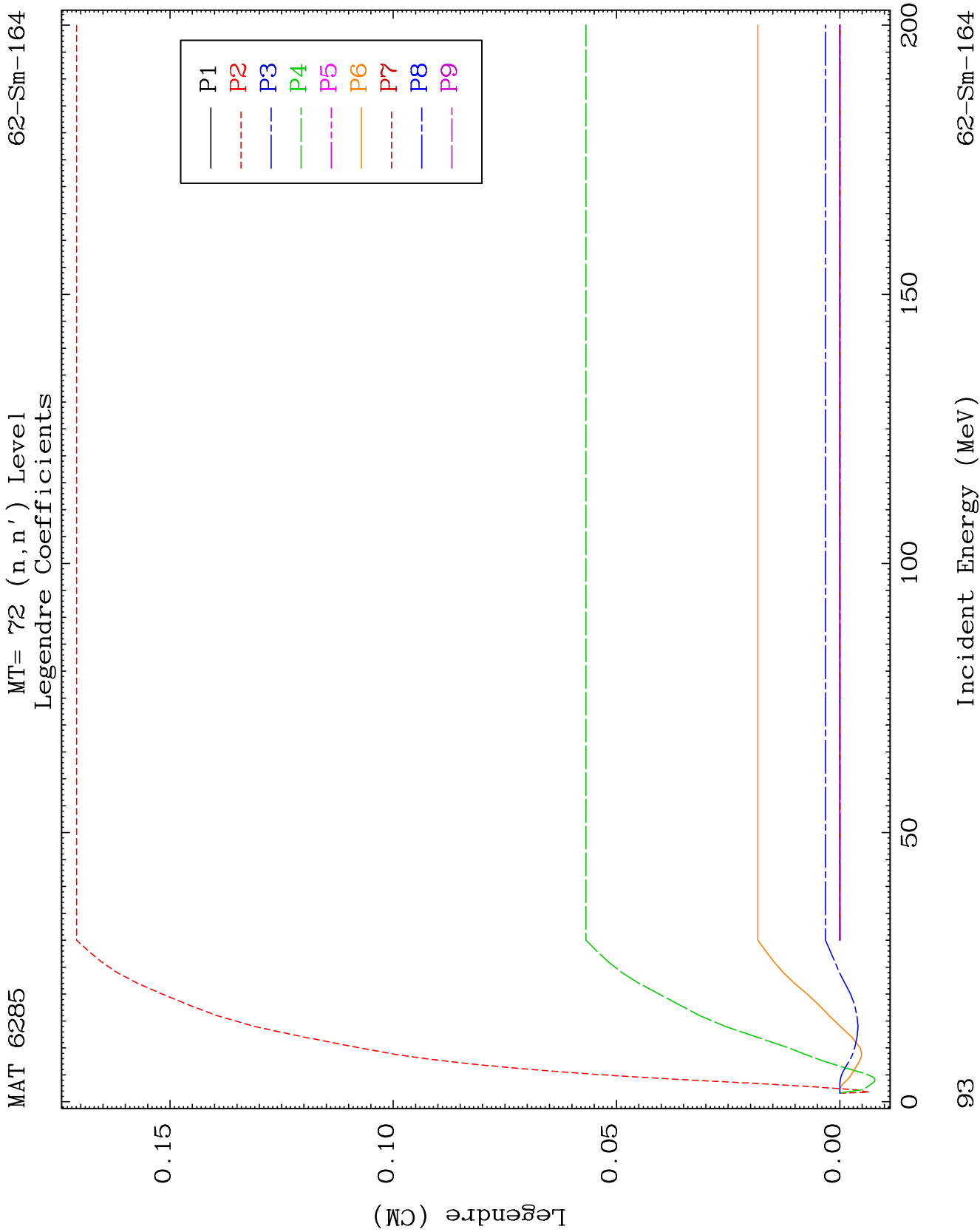


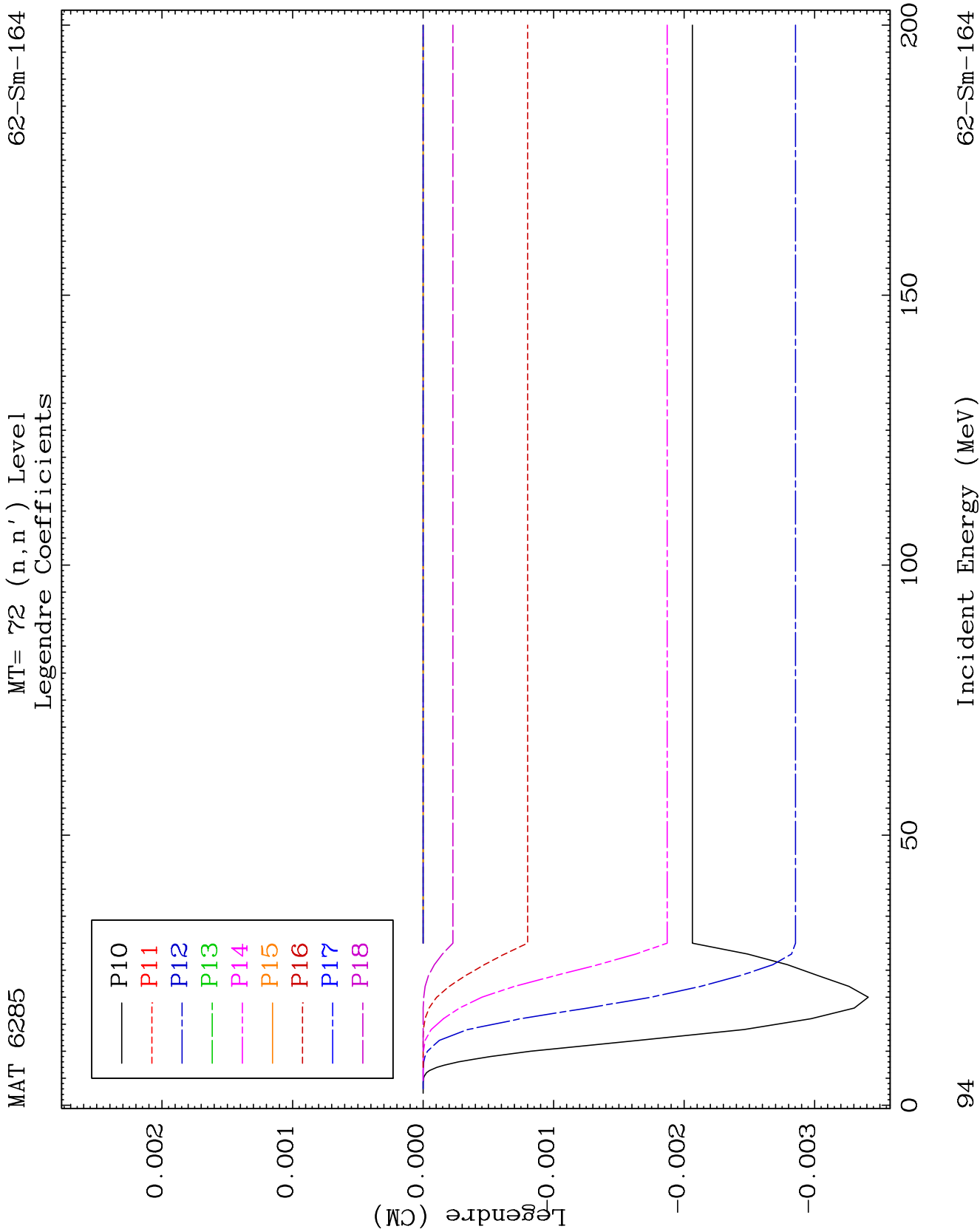


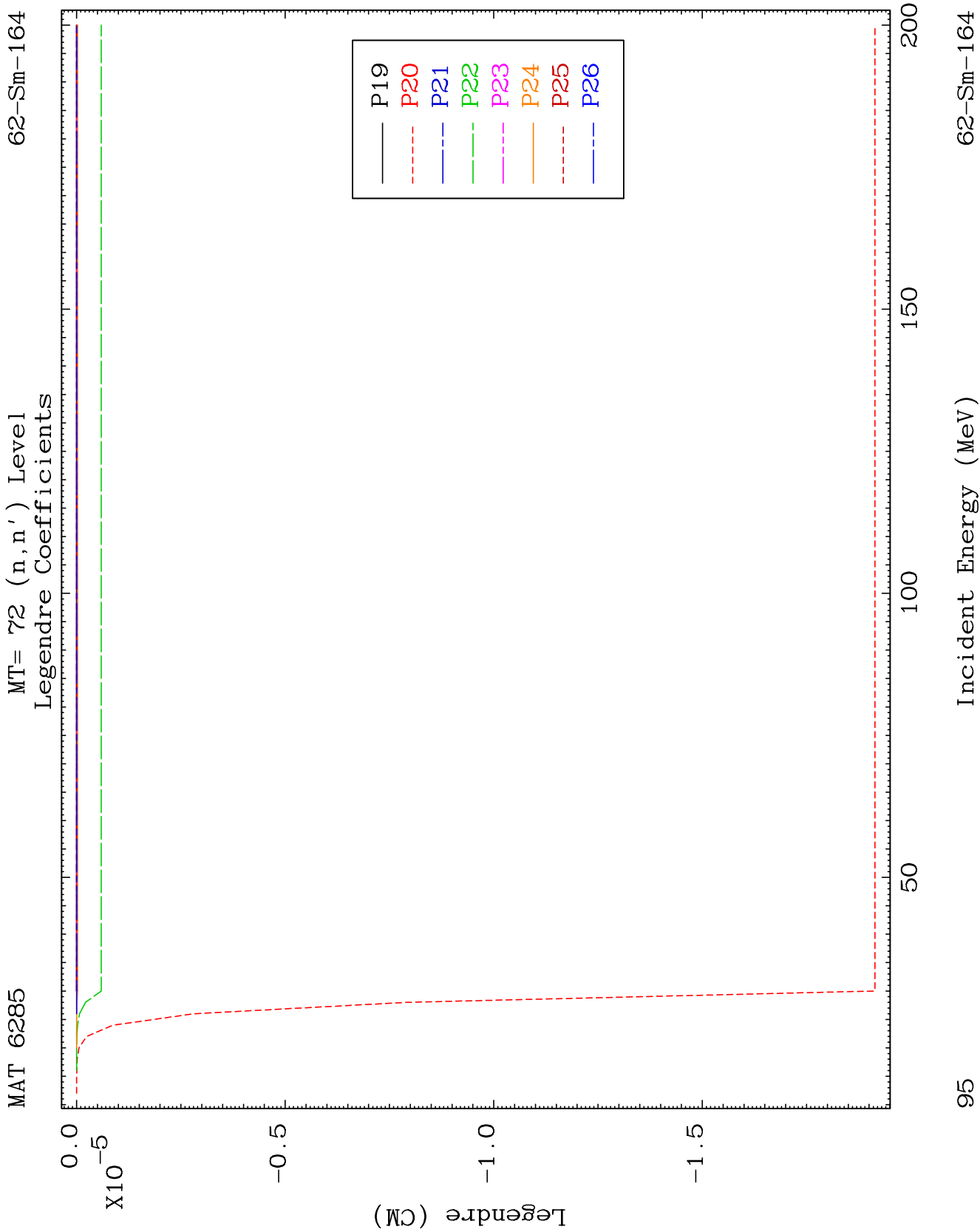








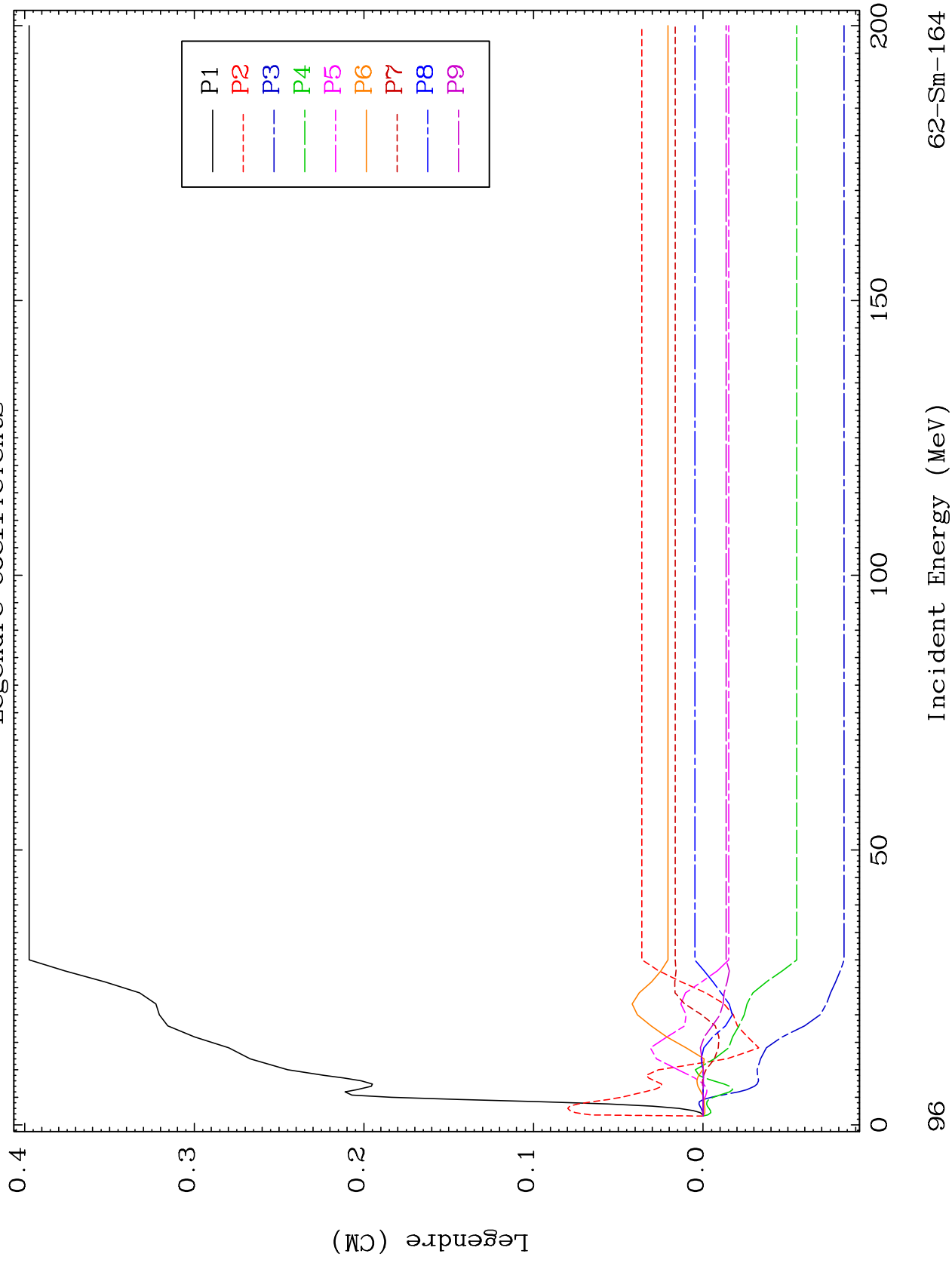


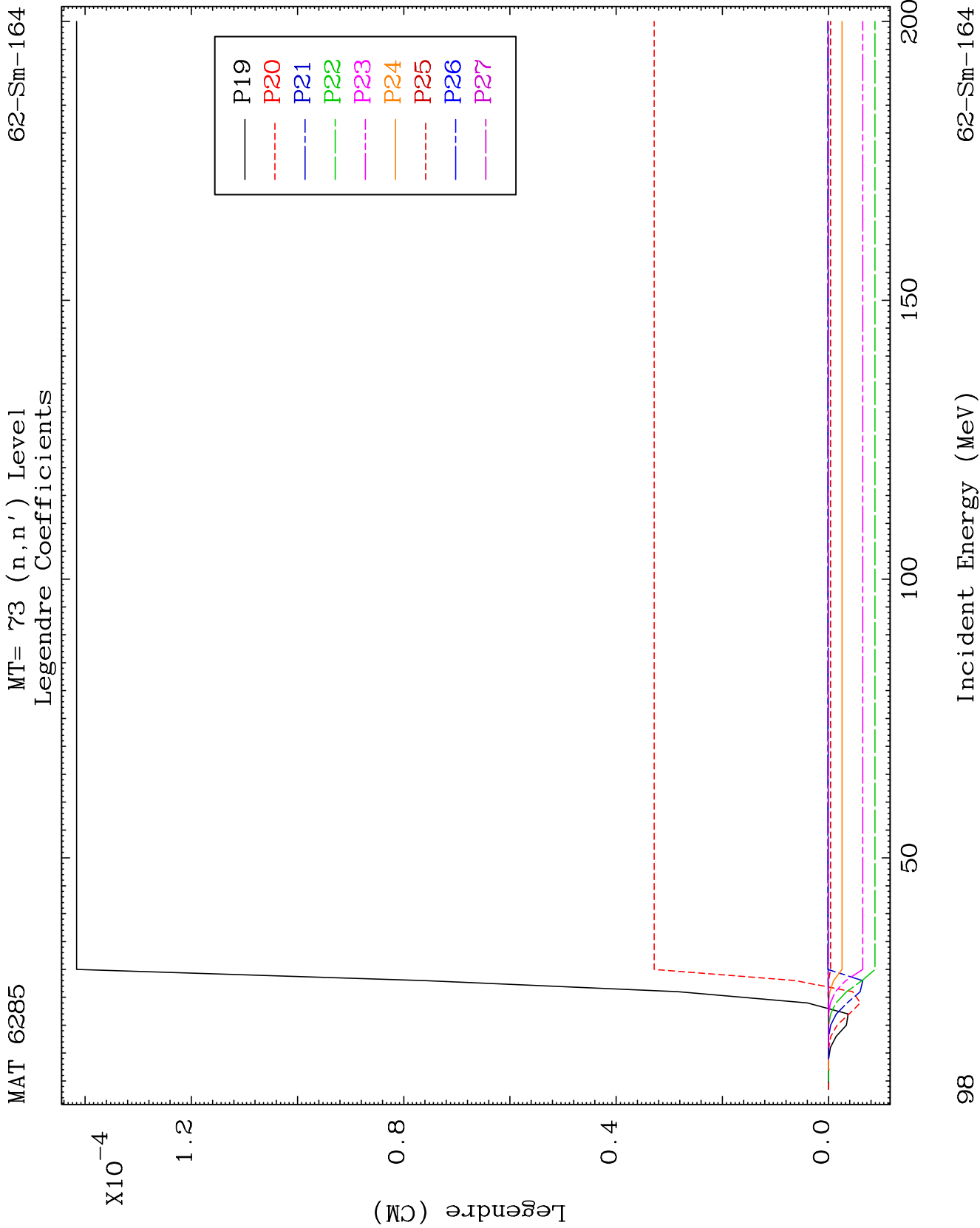


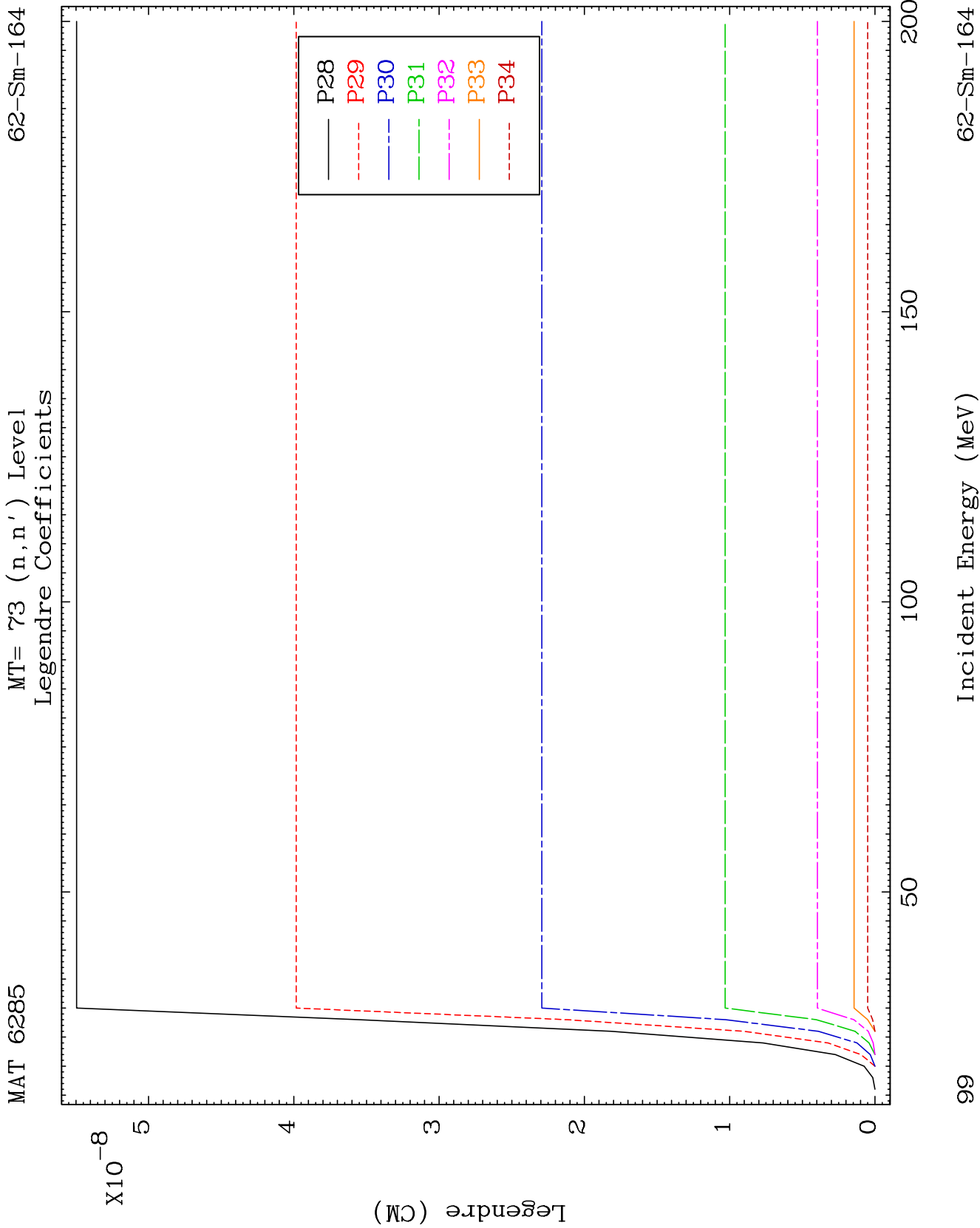
MAT 6285

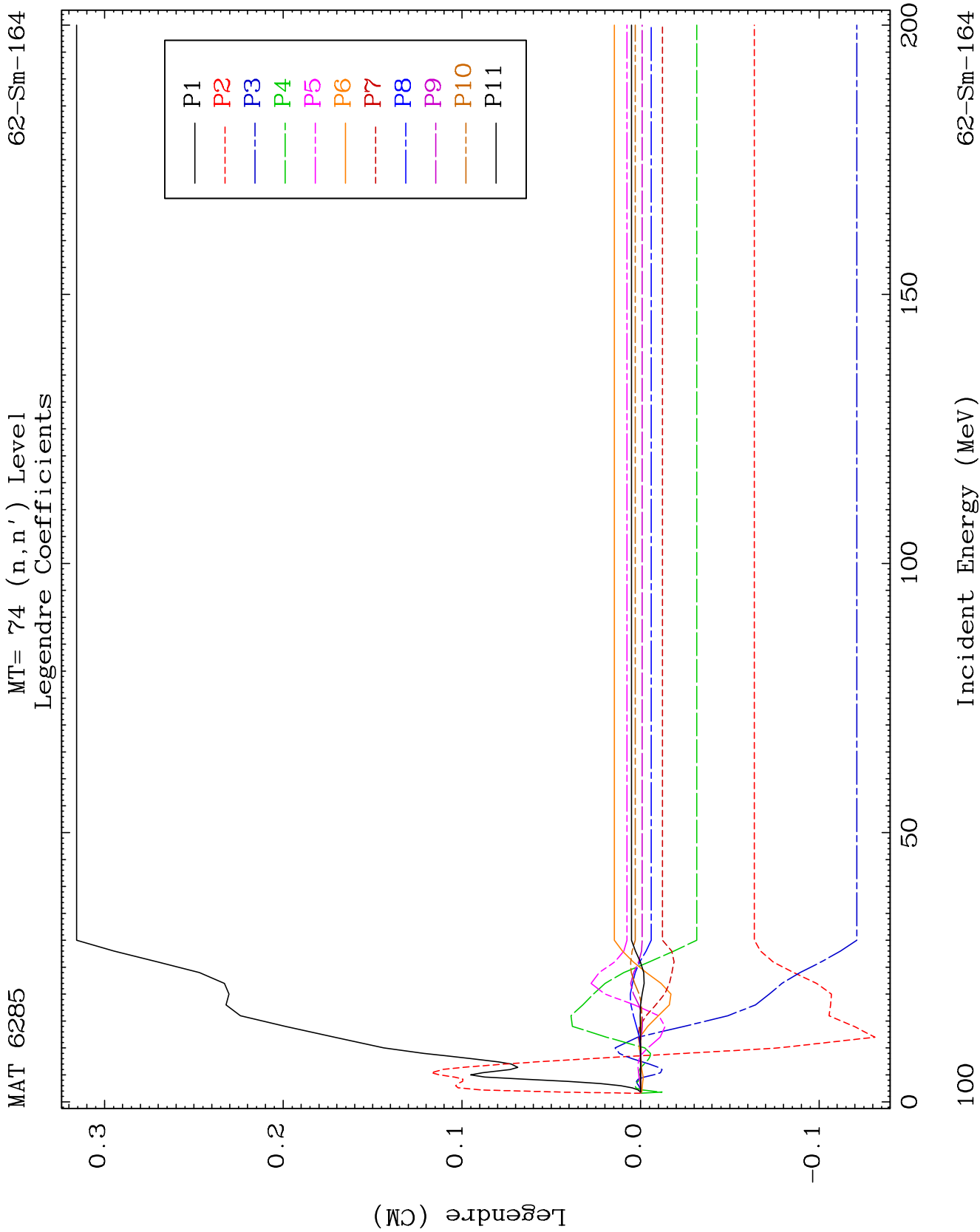
MT= 73 (n, n') Level
Legendre Coefficients

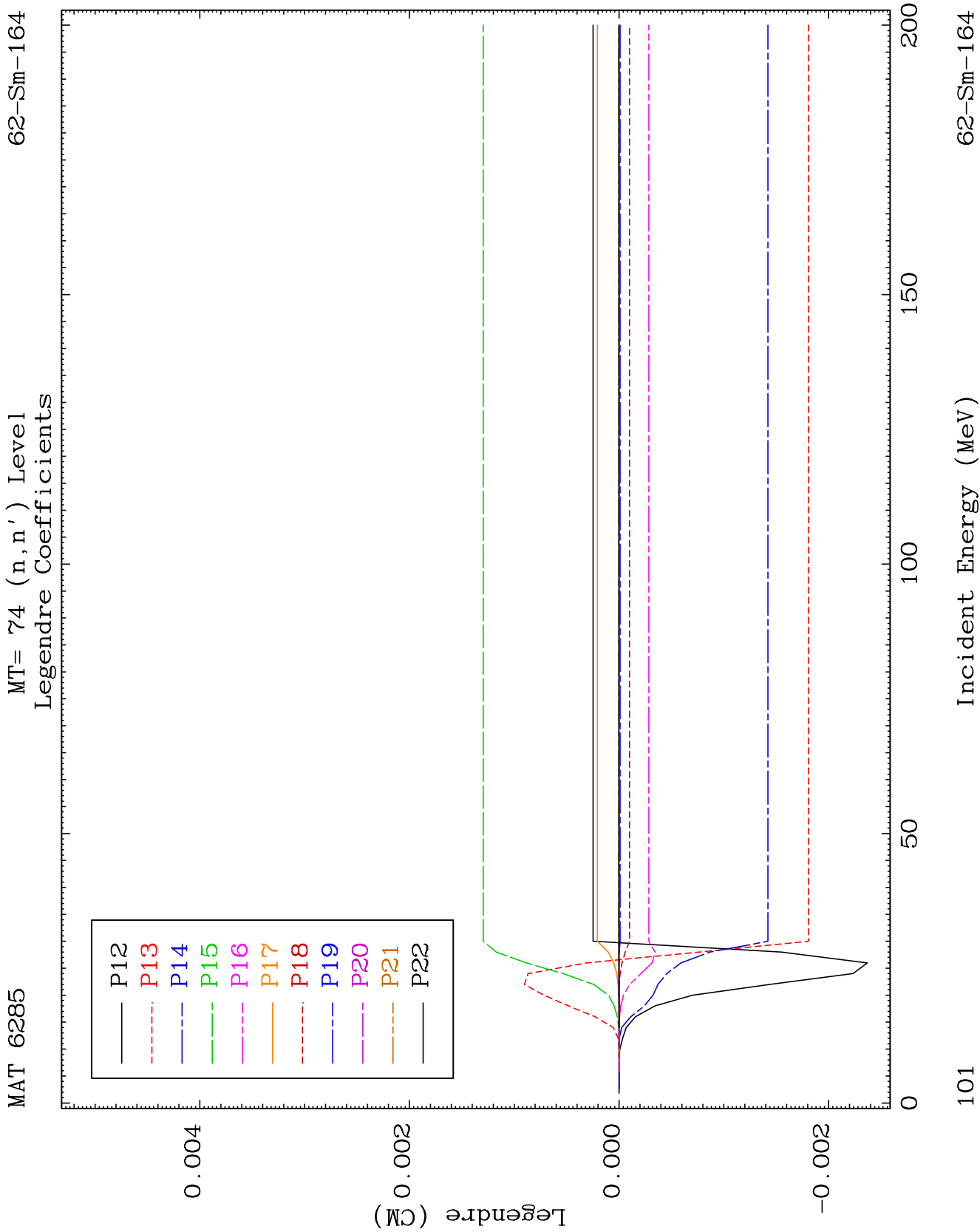
62-Sm-164

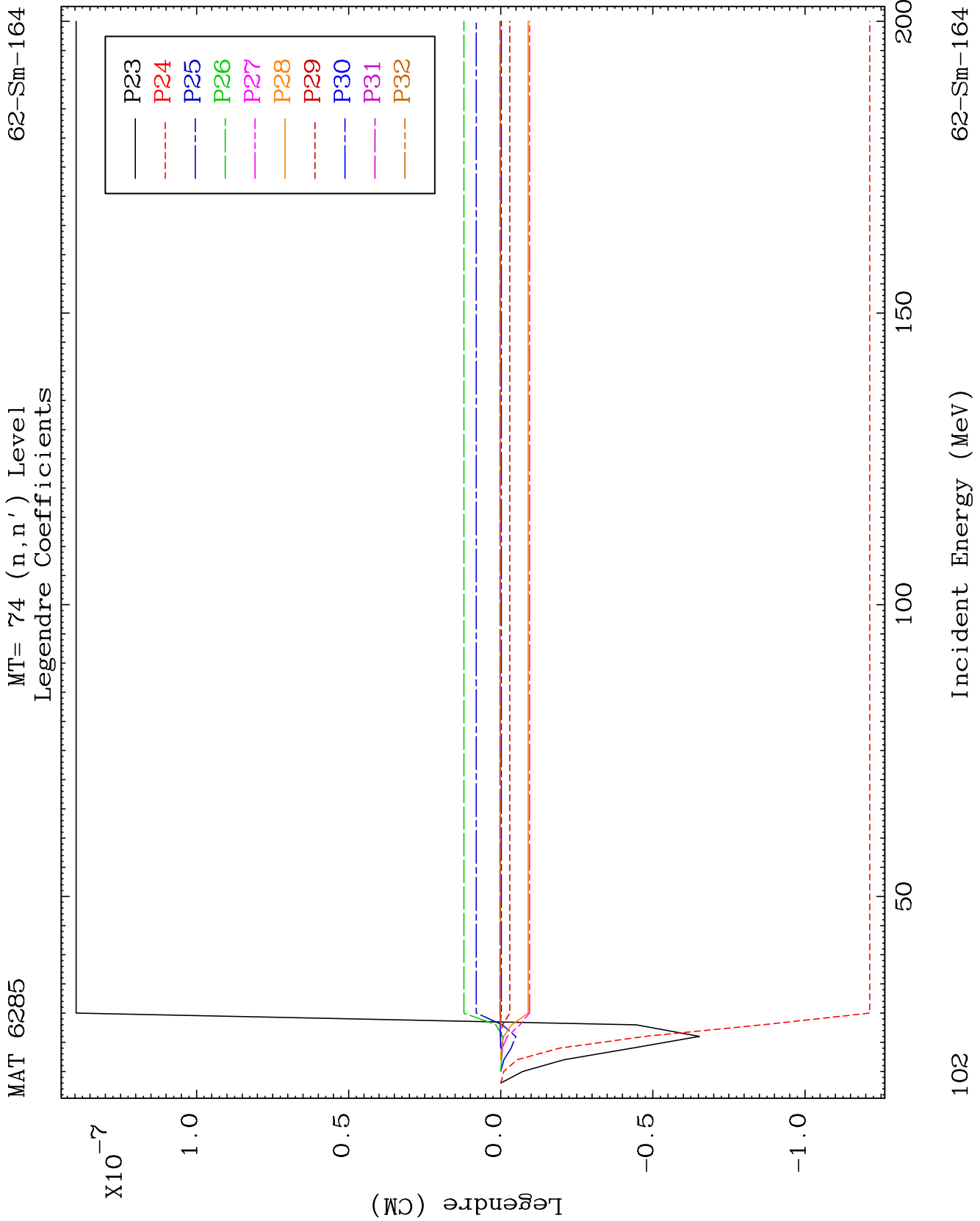


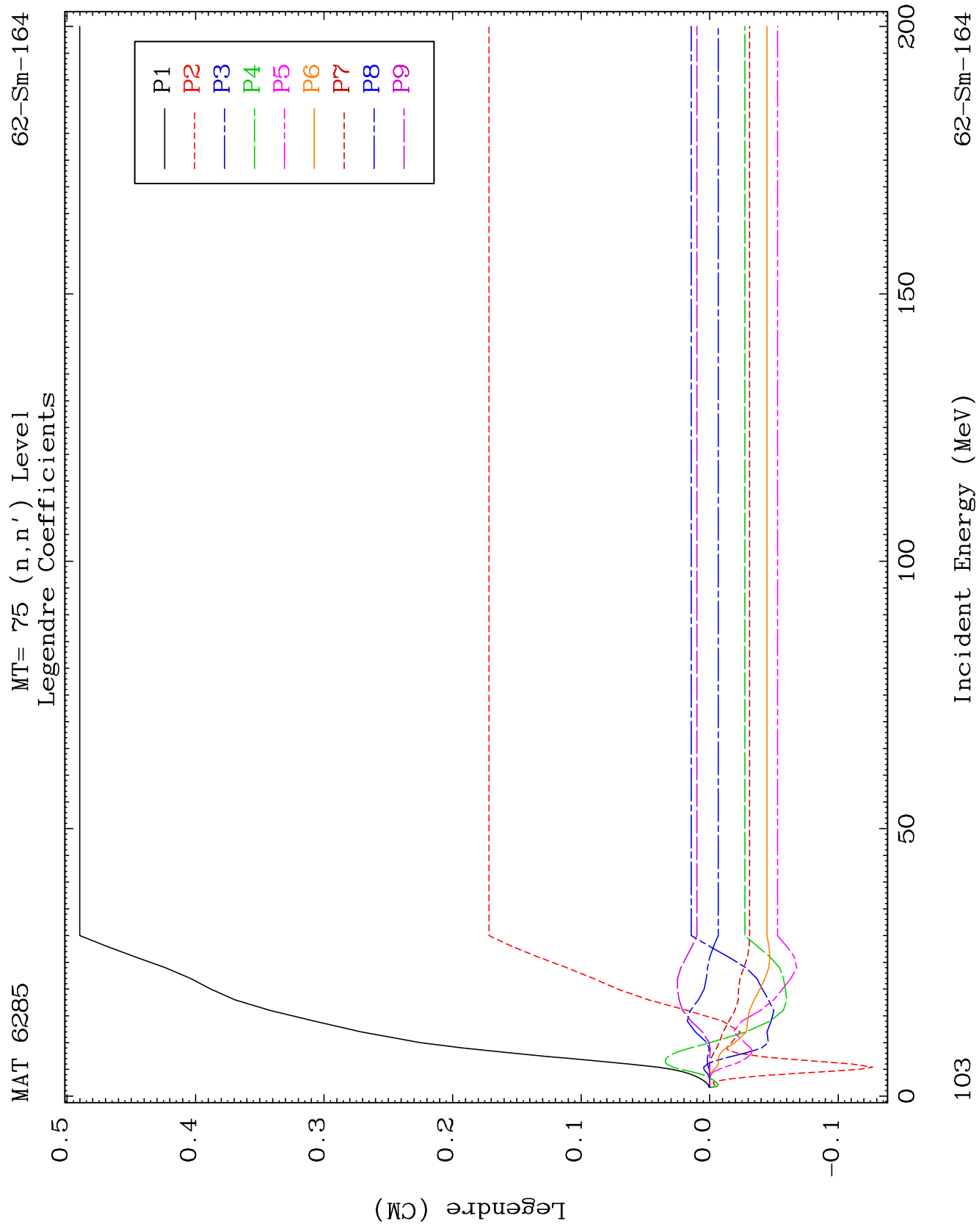








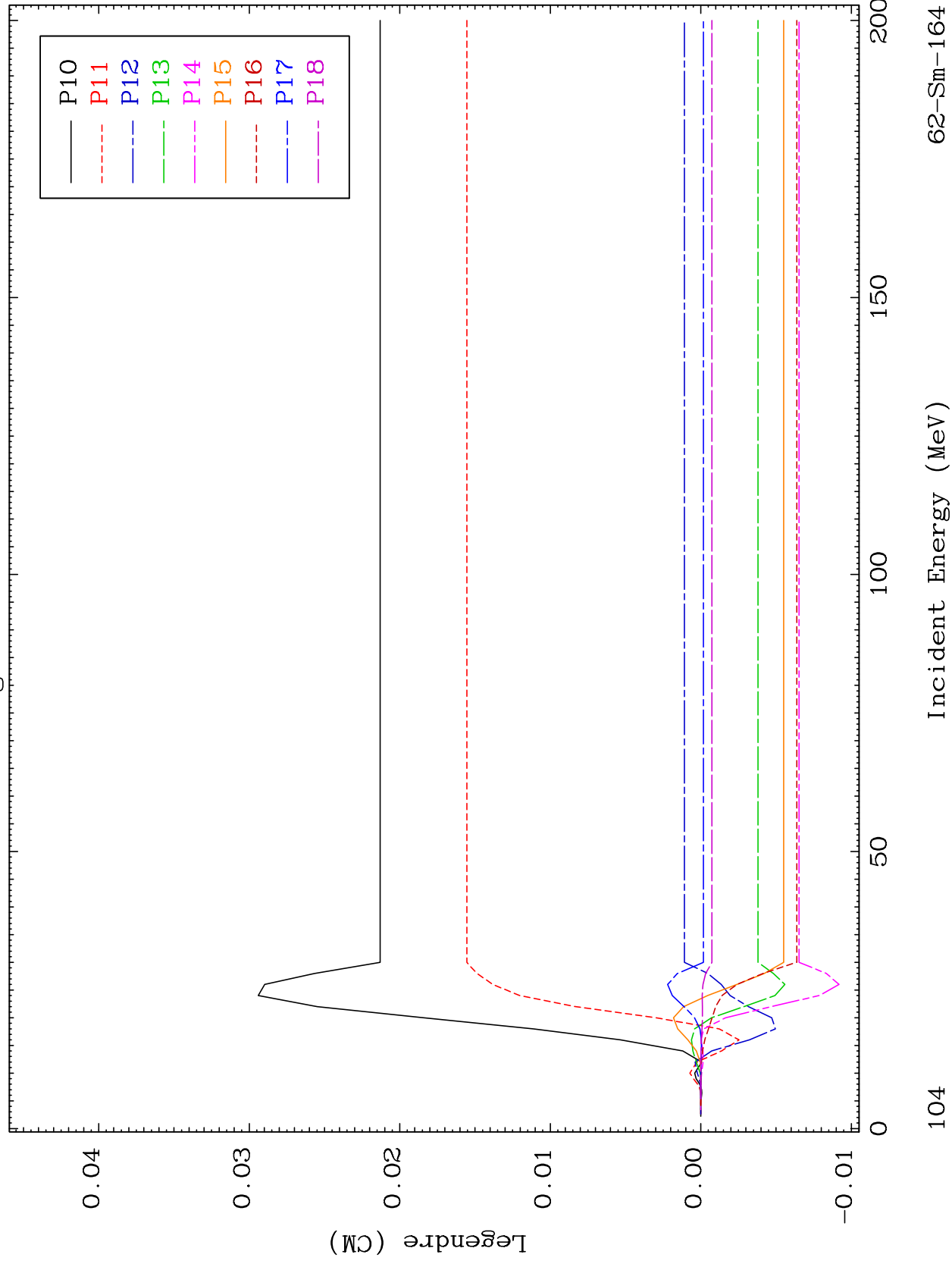


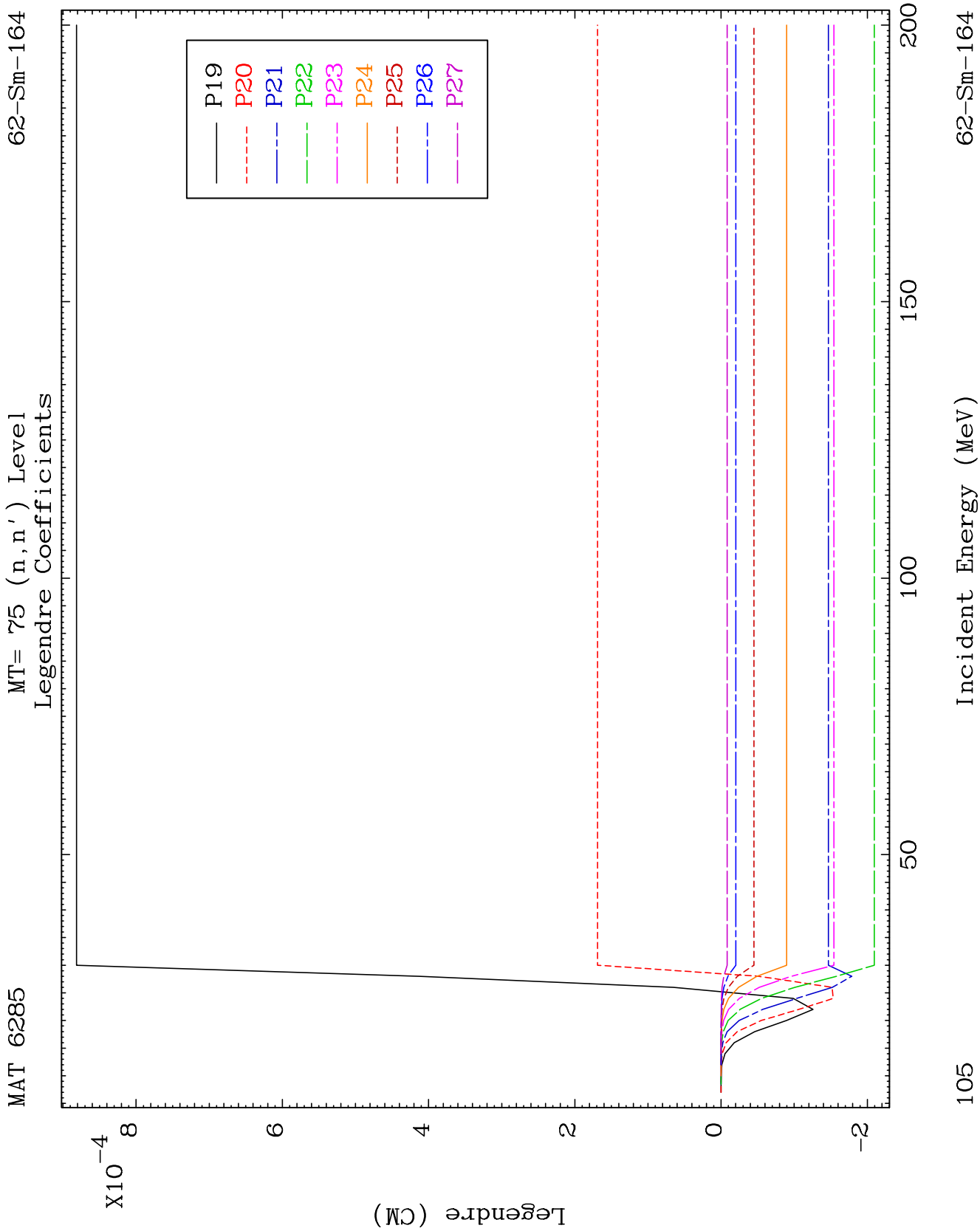


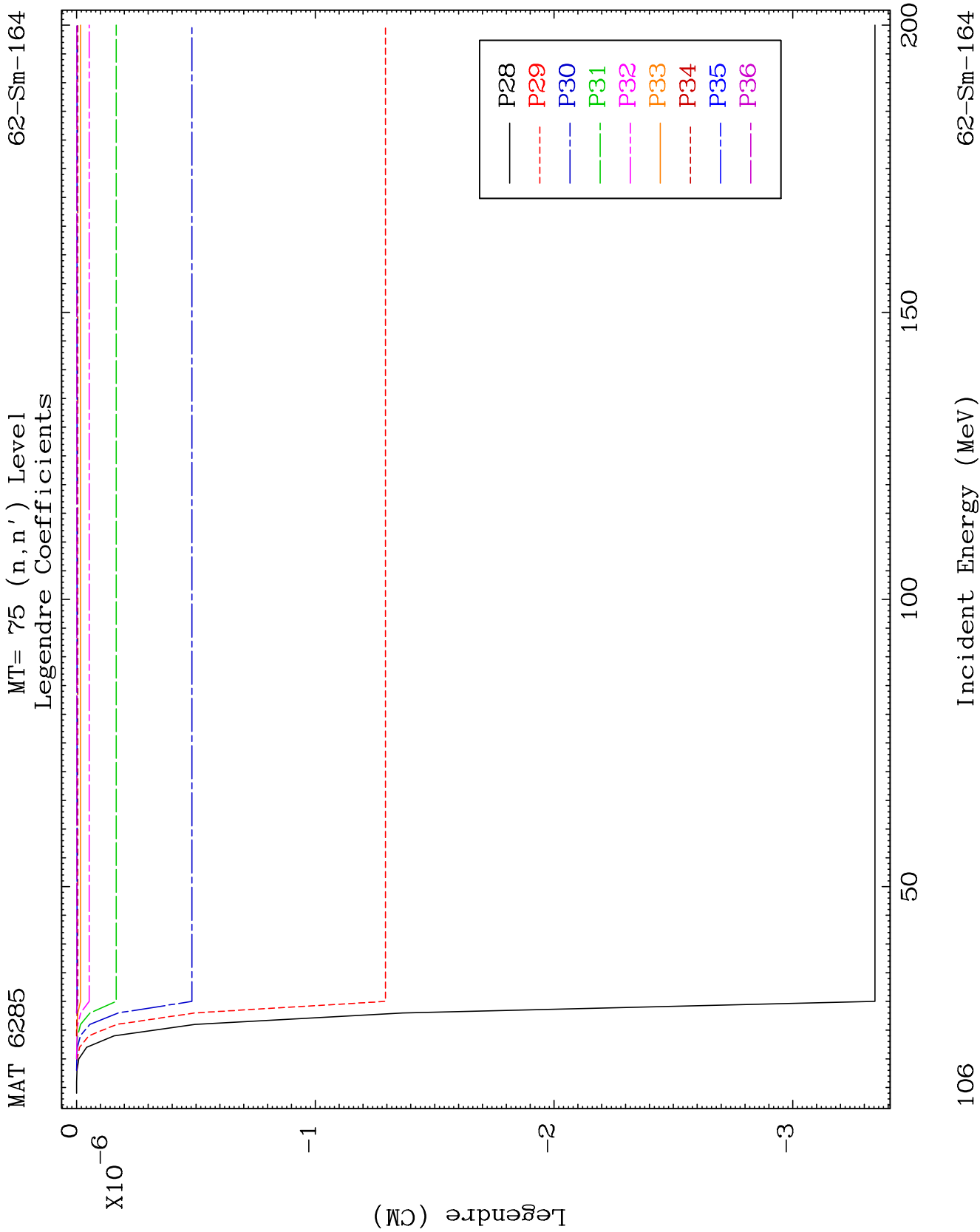
MAT 6285

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

62-Sm-164



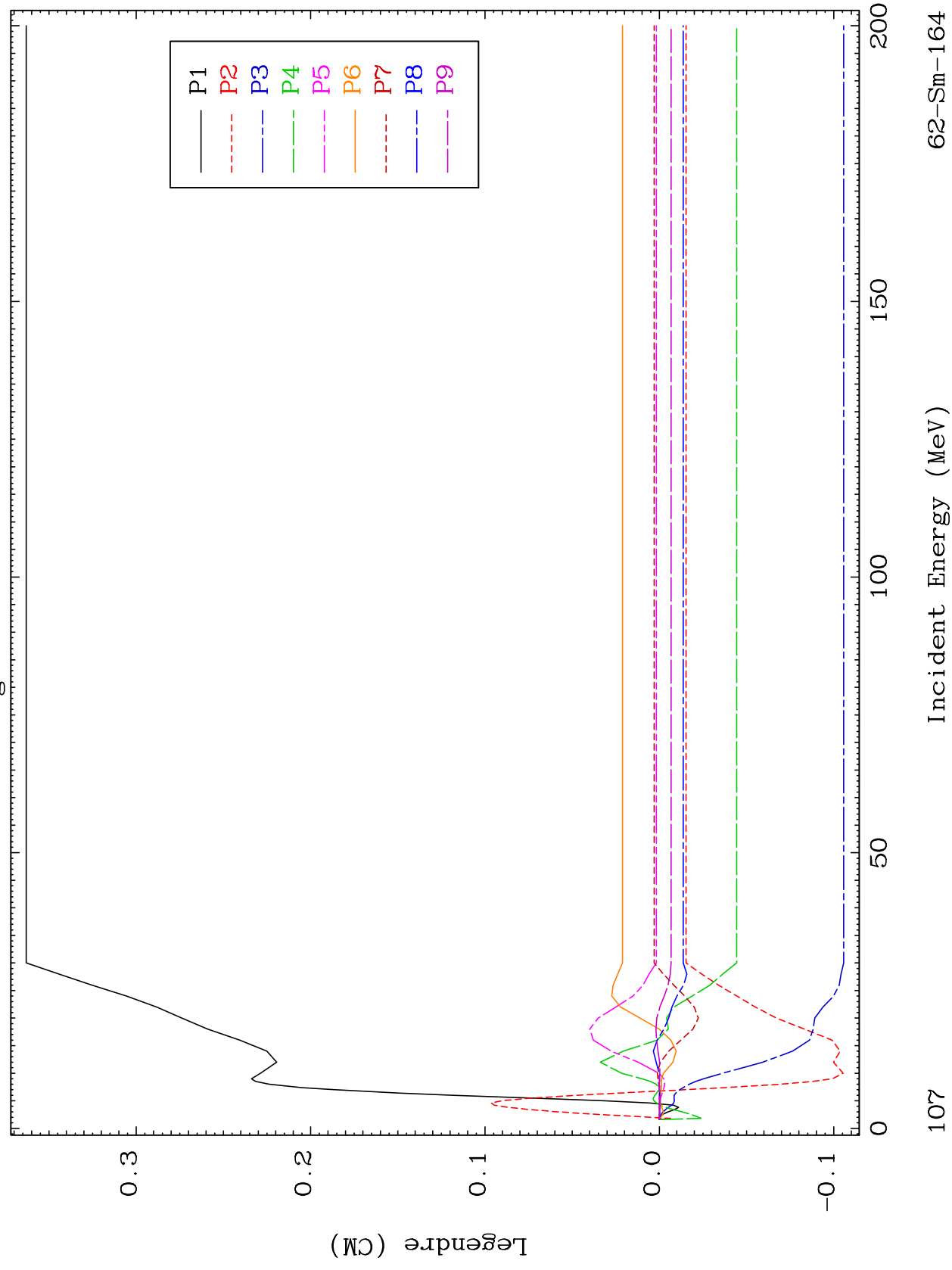


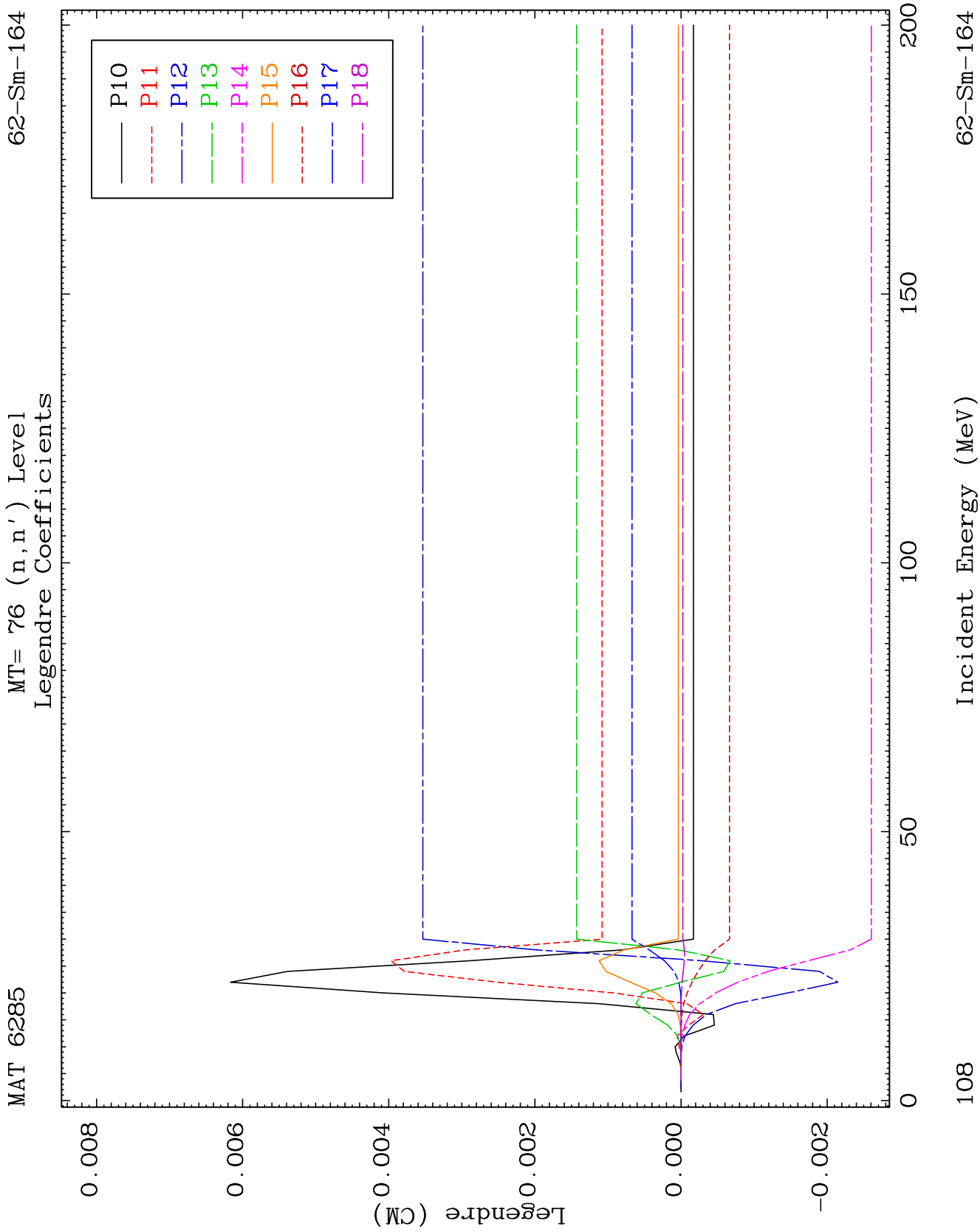


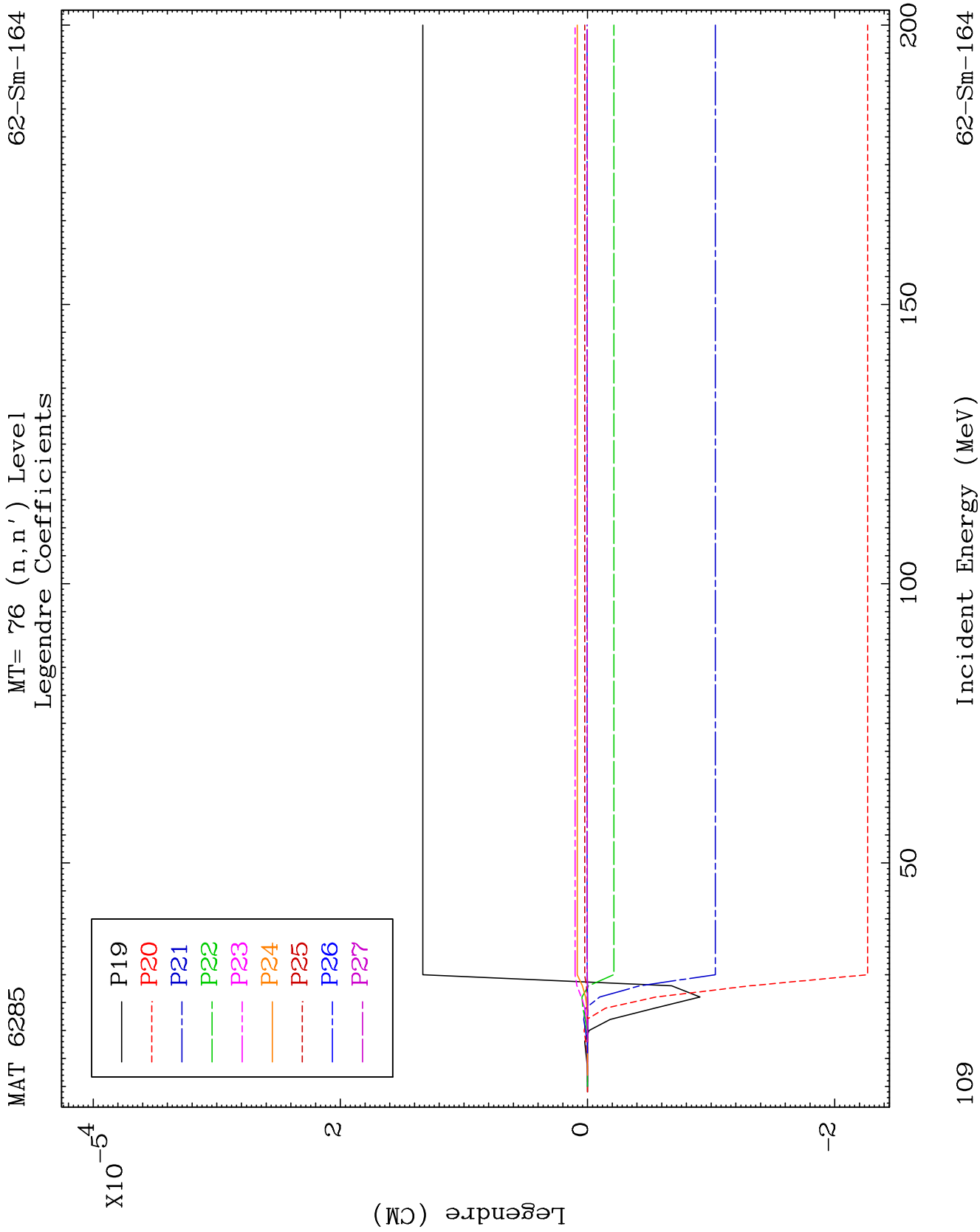
MAT 6285

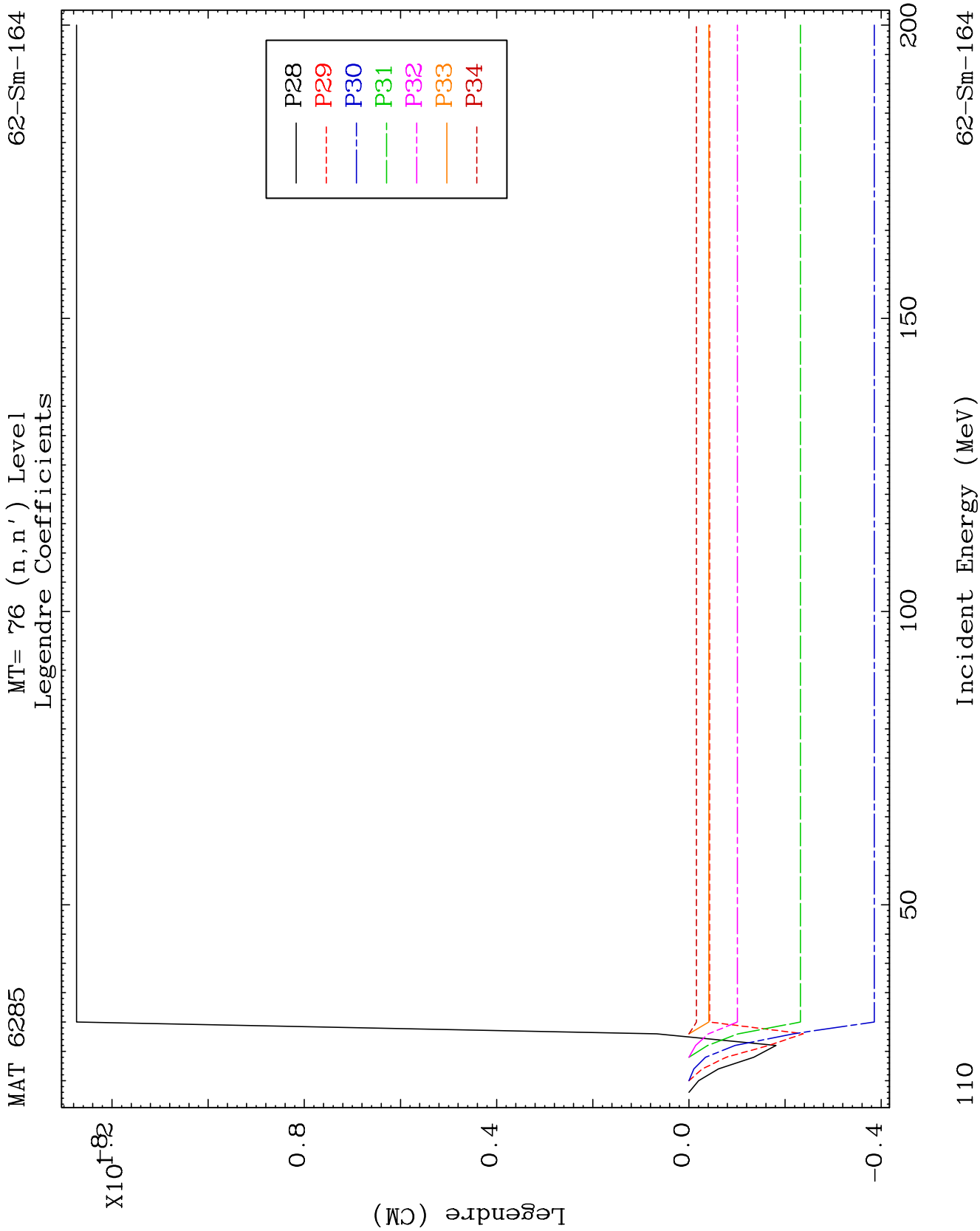
MT= 76 (n, n') Level
Legendre Coefficients

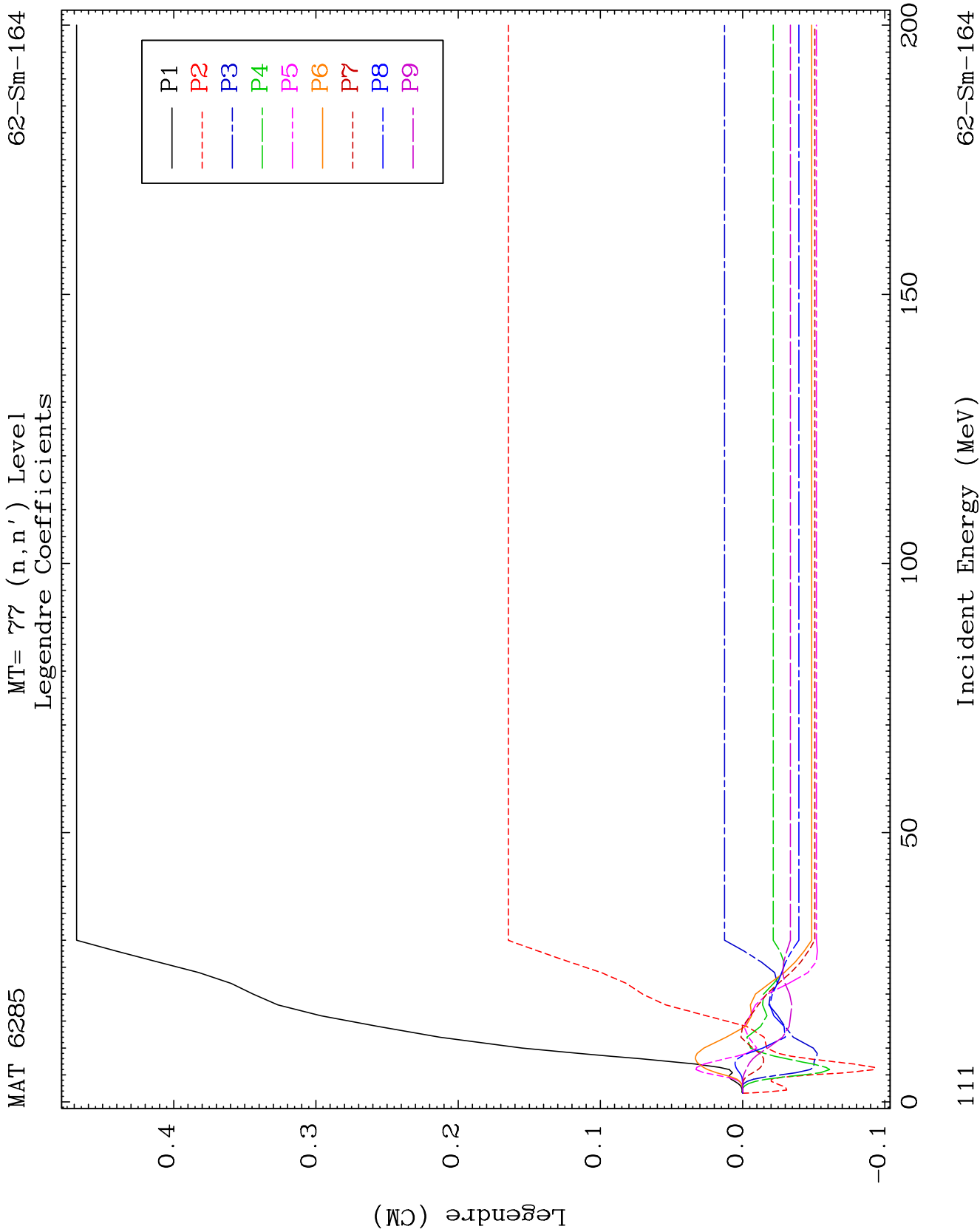
62-Sm-164

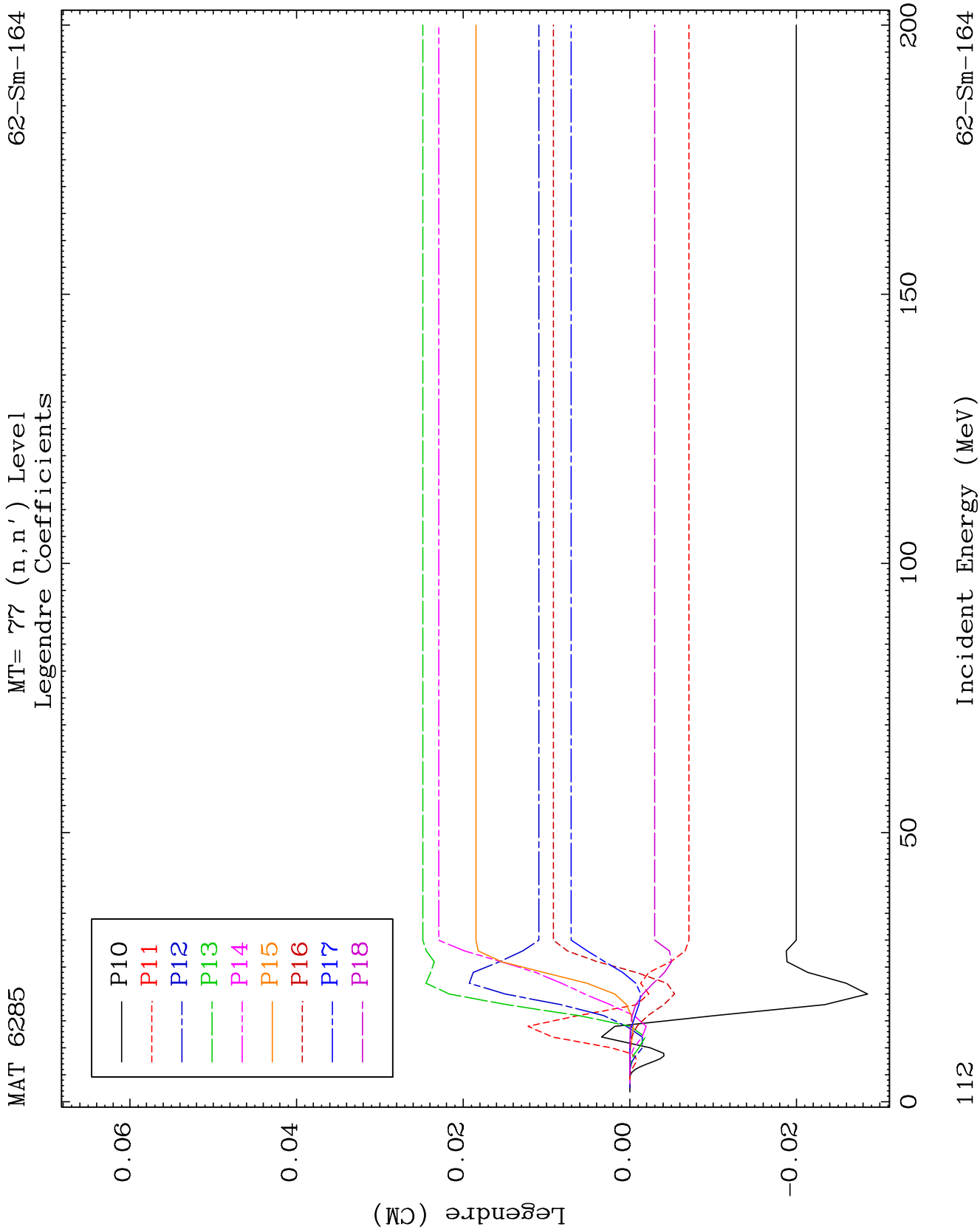


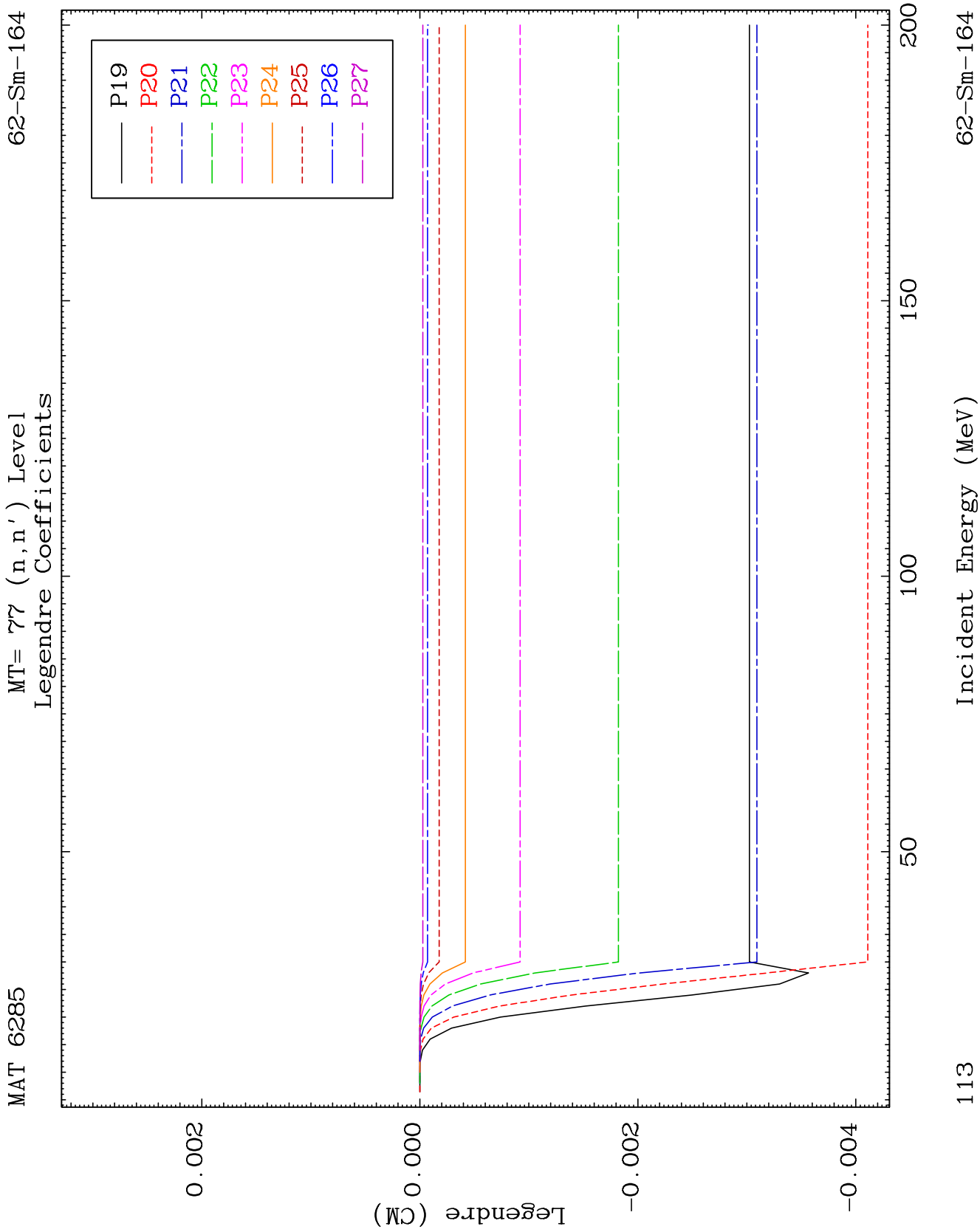


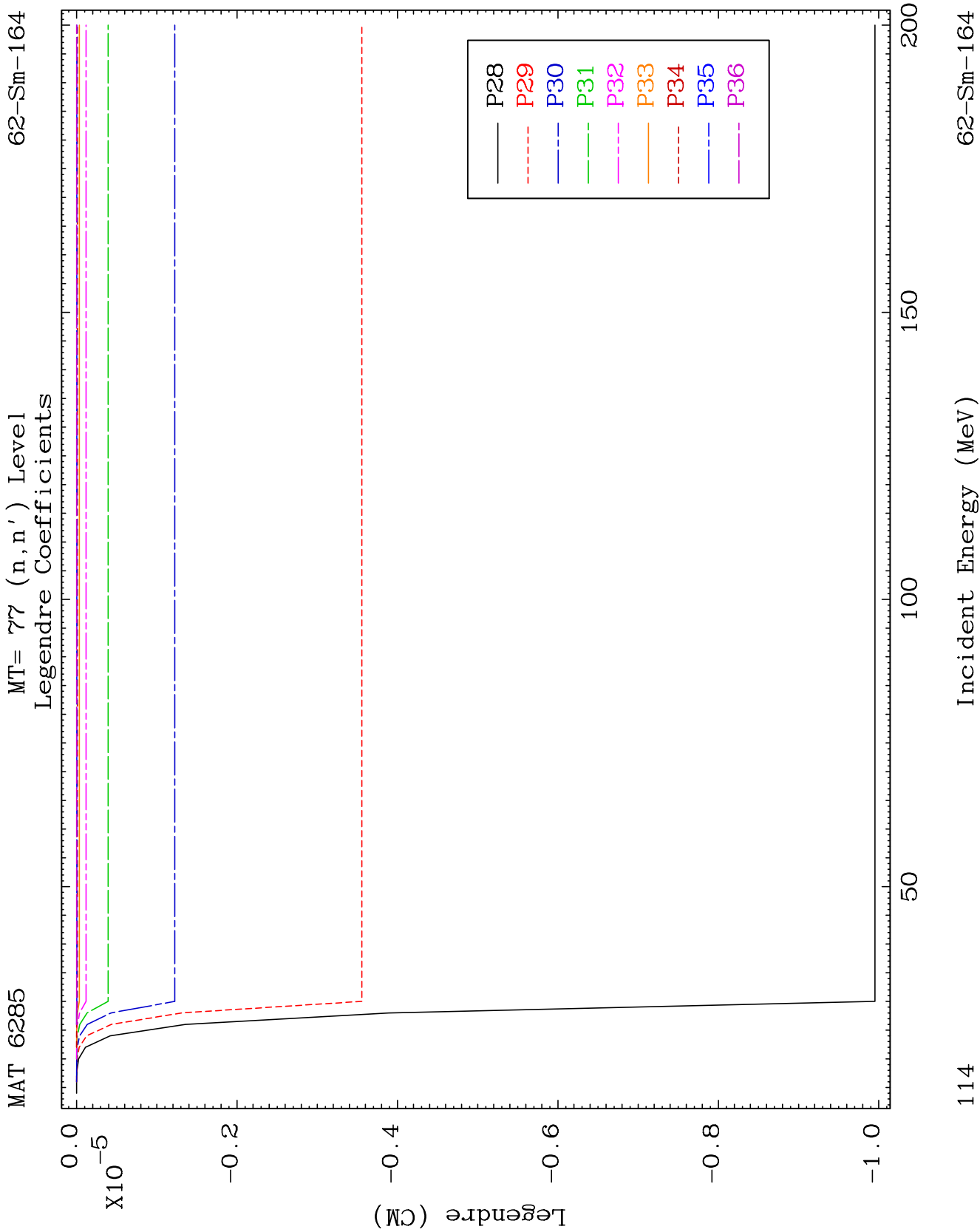


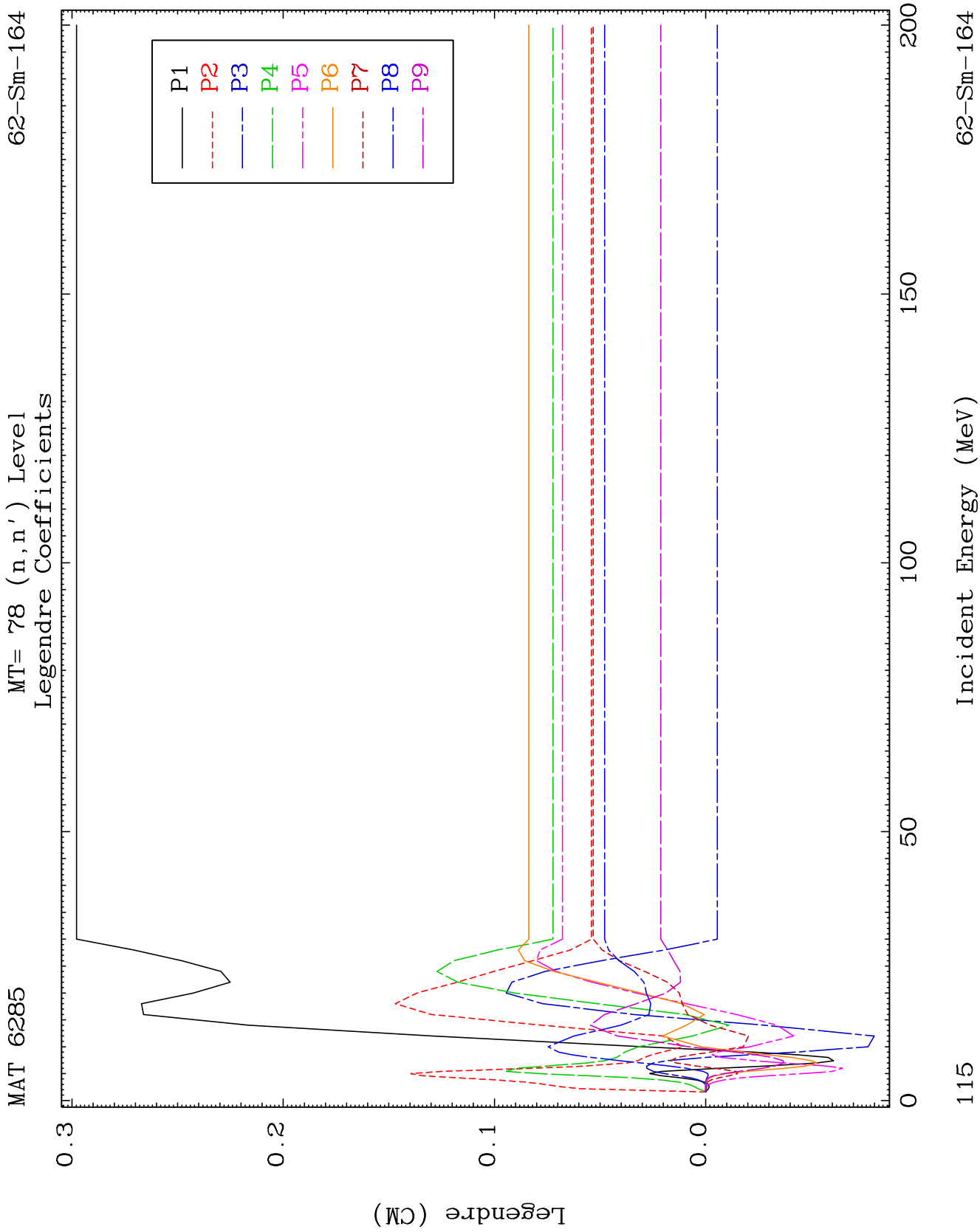


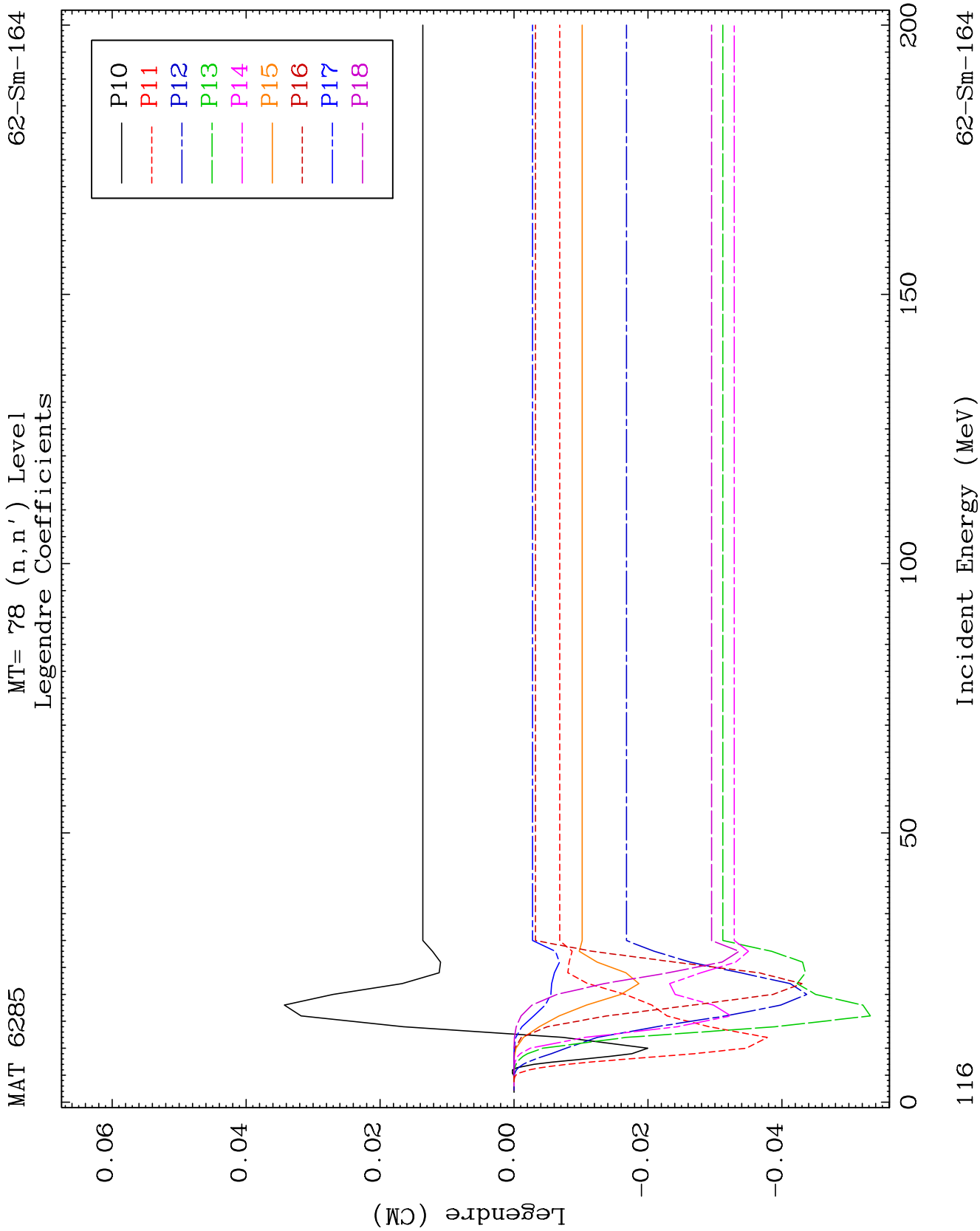








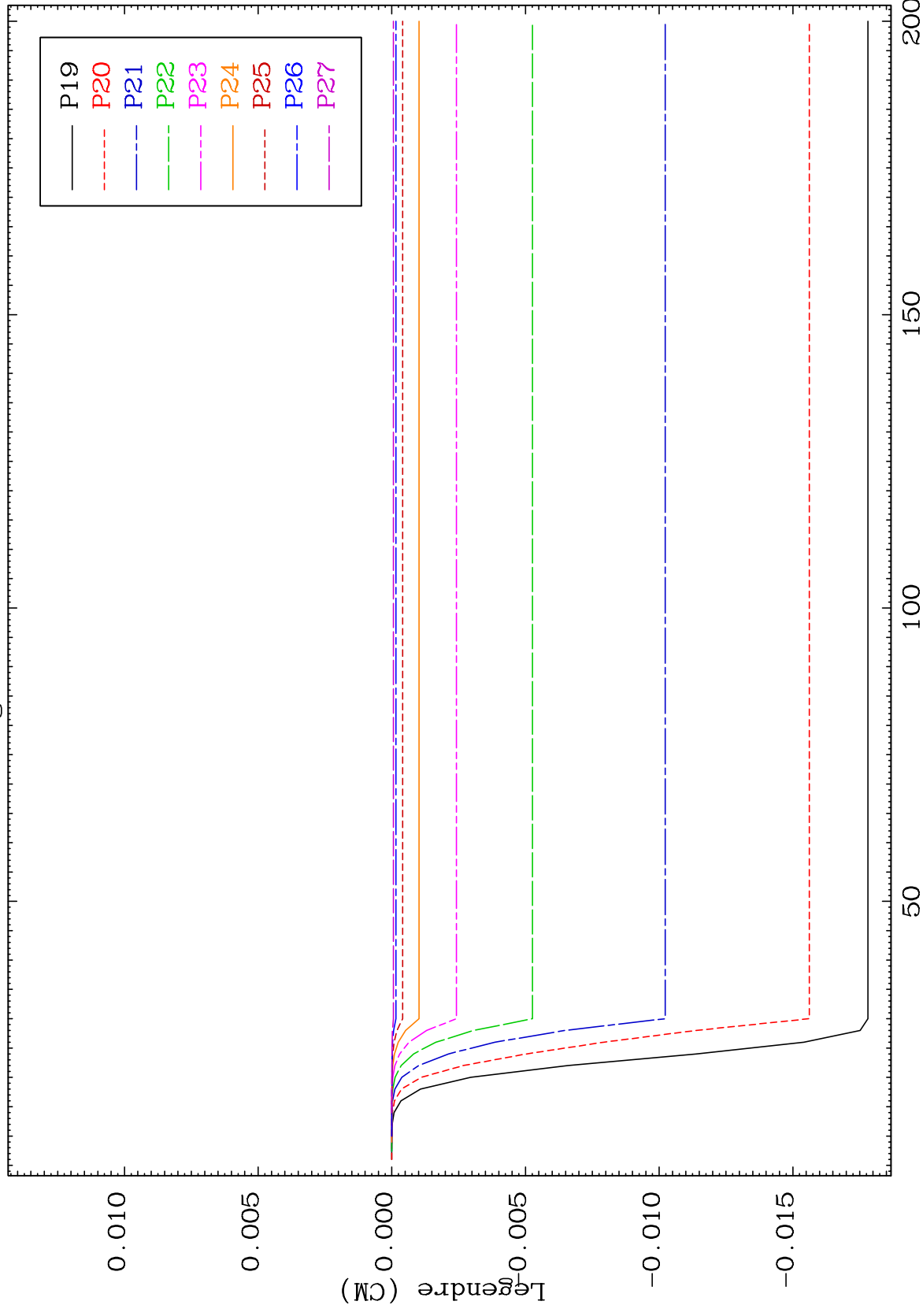




MAT 6285

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

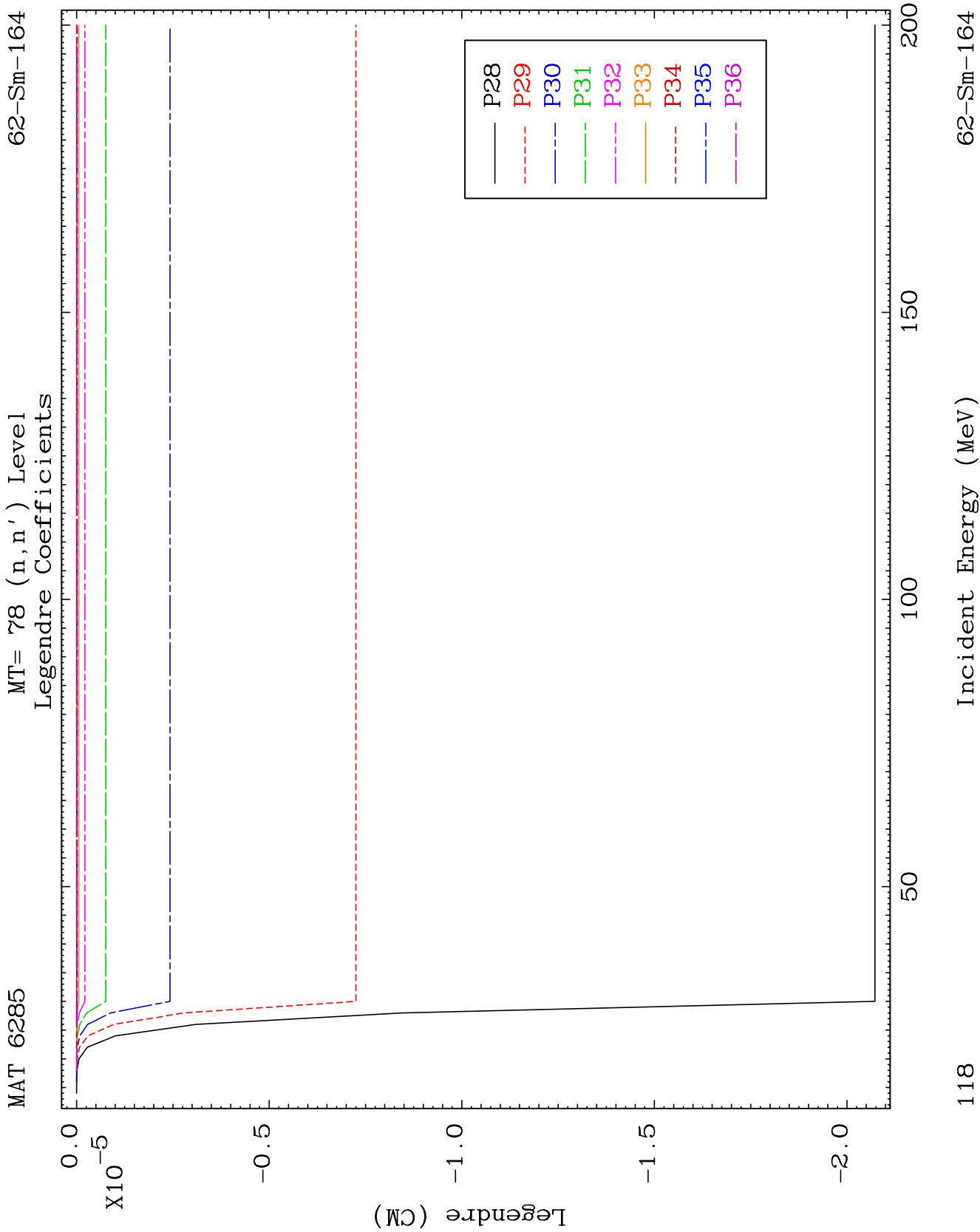
62-Sm-164

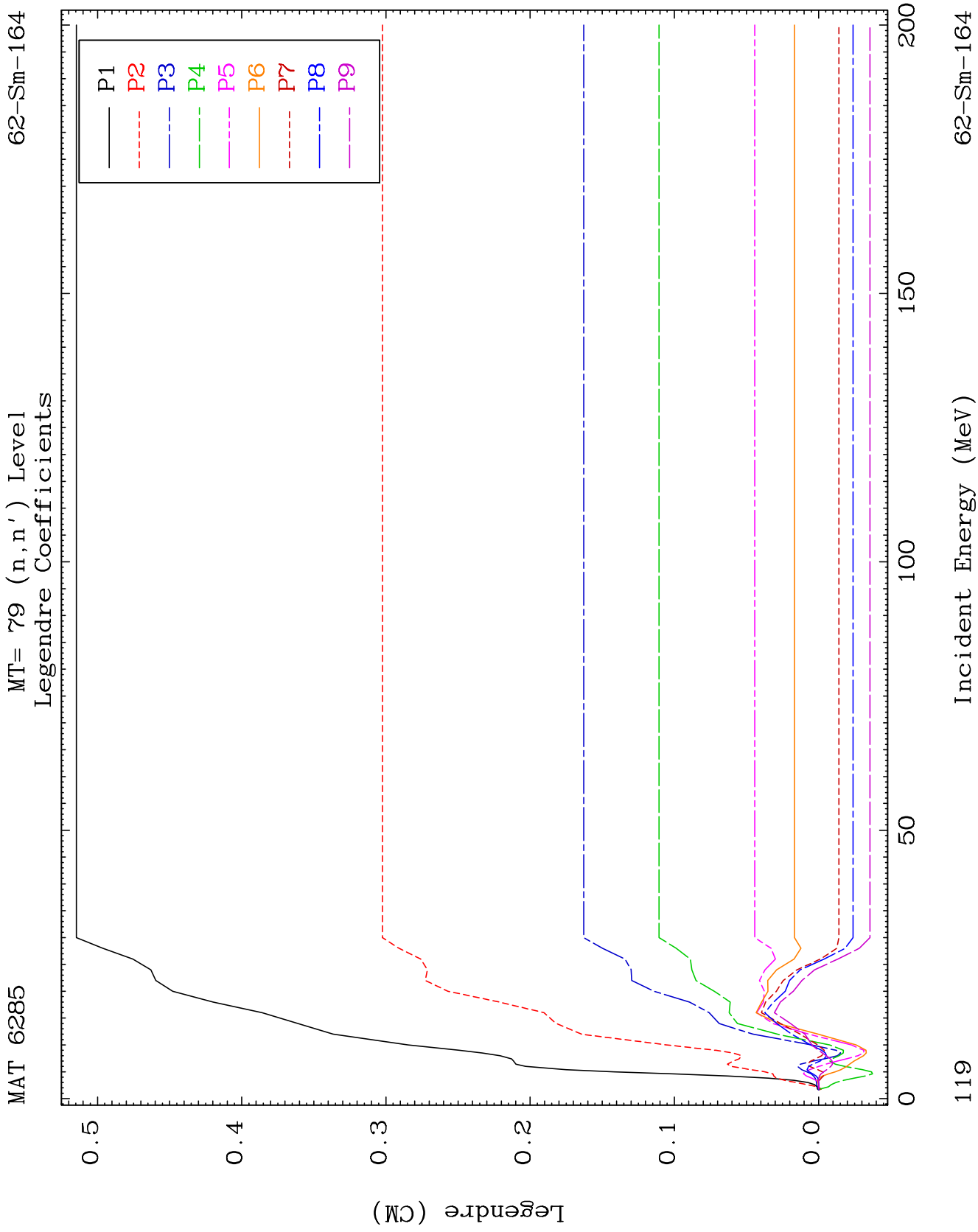


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Incident Energy (MeV)

62-Sm-164

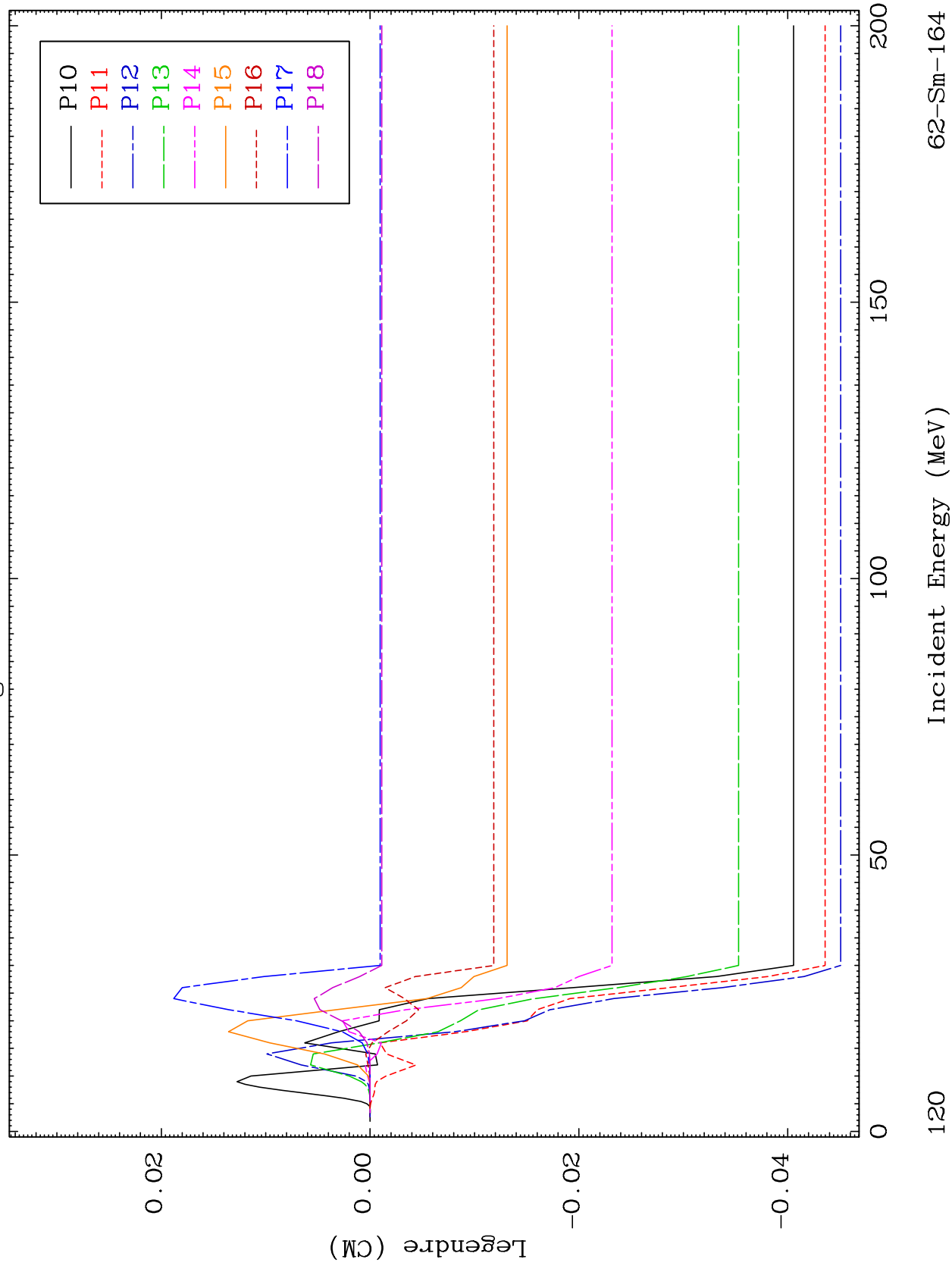




MAT 6285

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

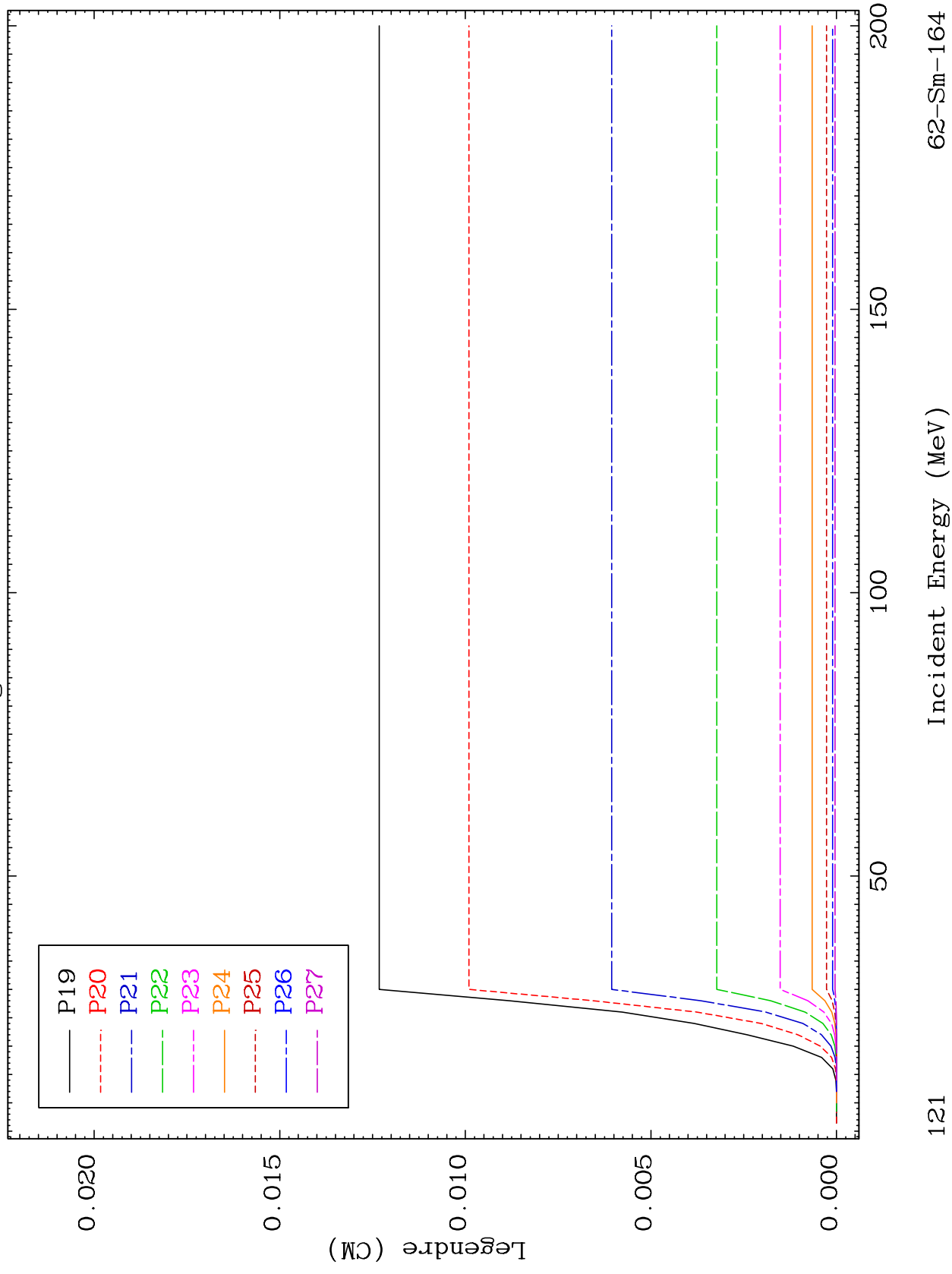
62-Sm-164

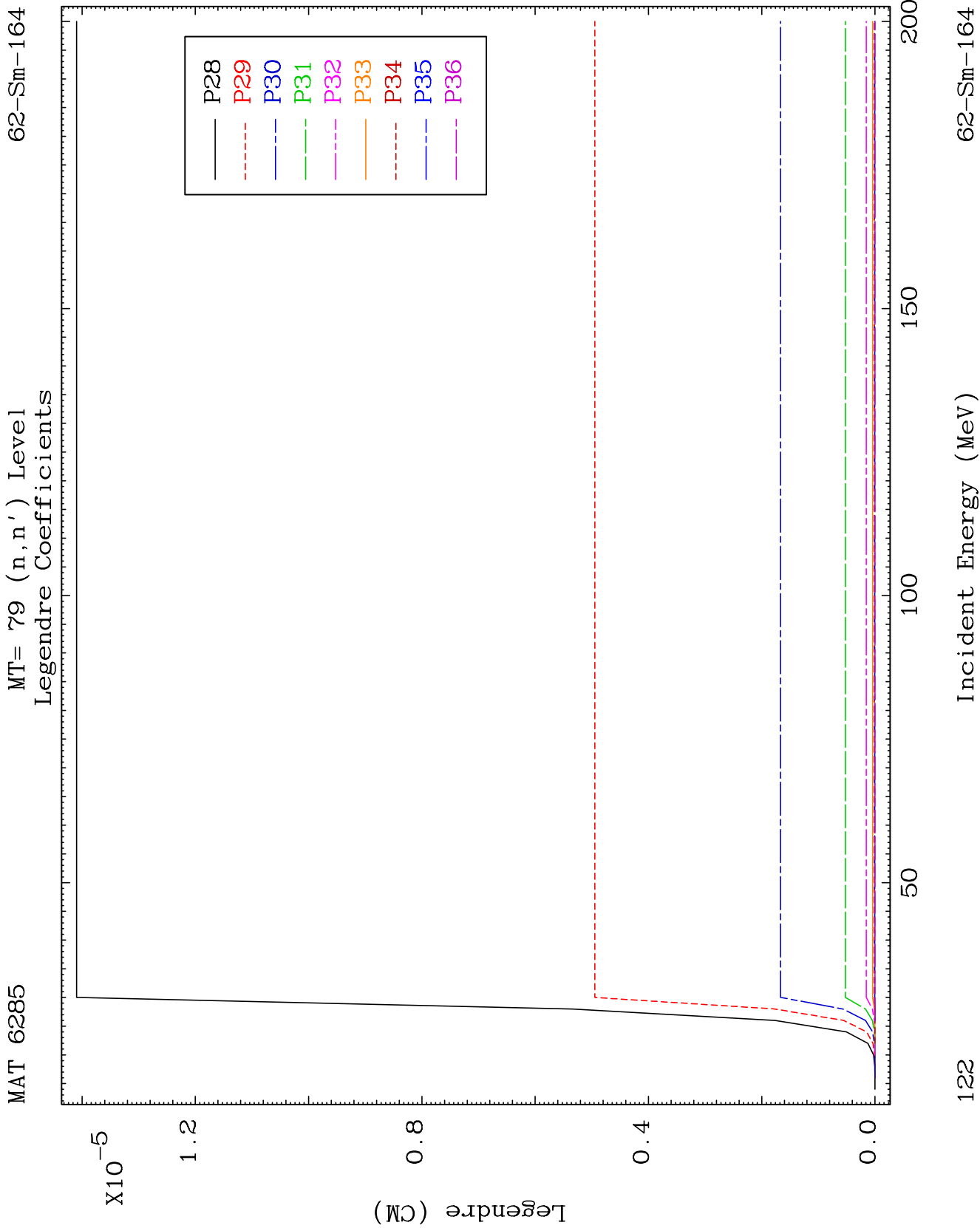


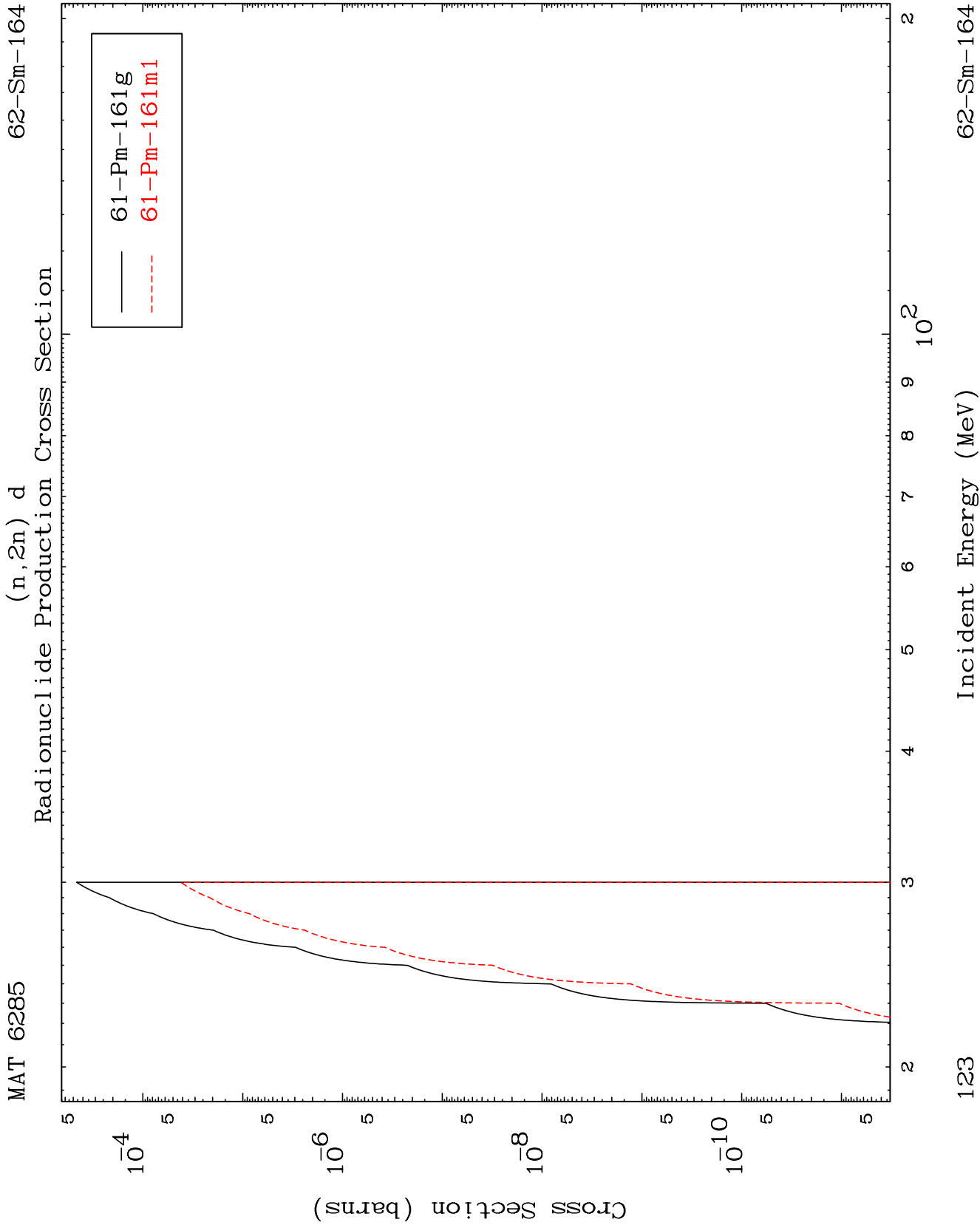
MAT 6285

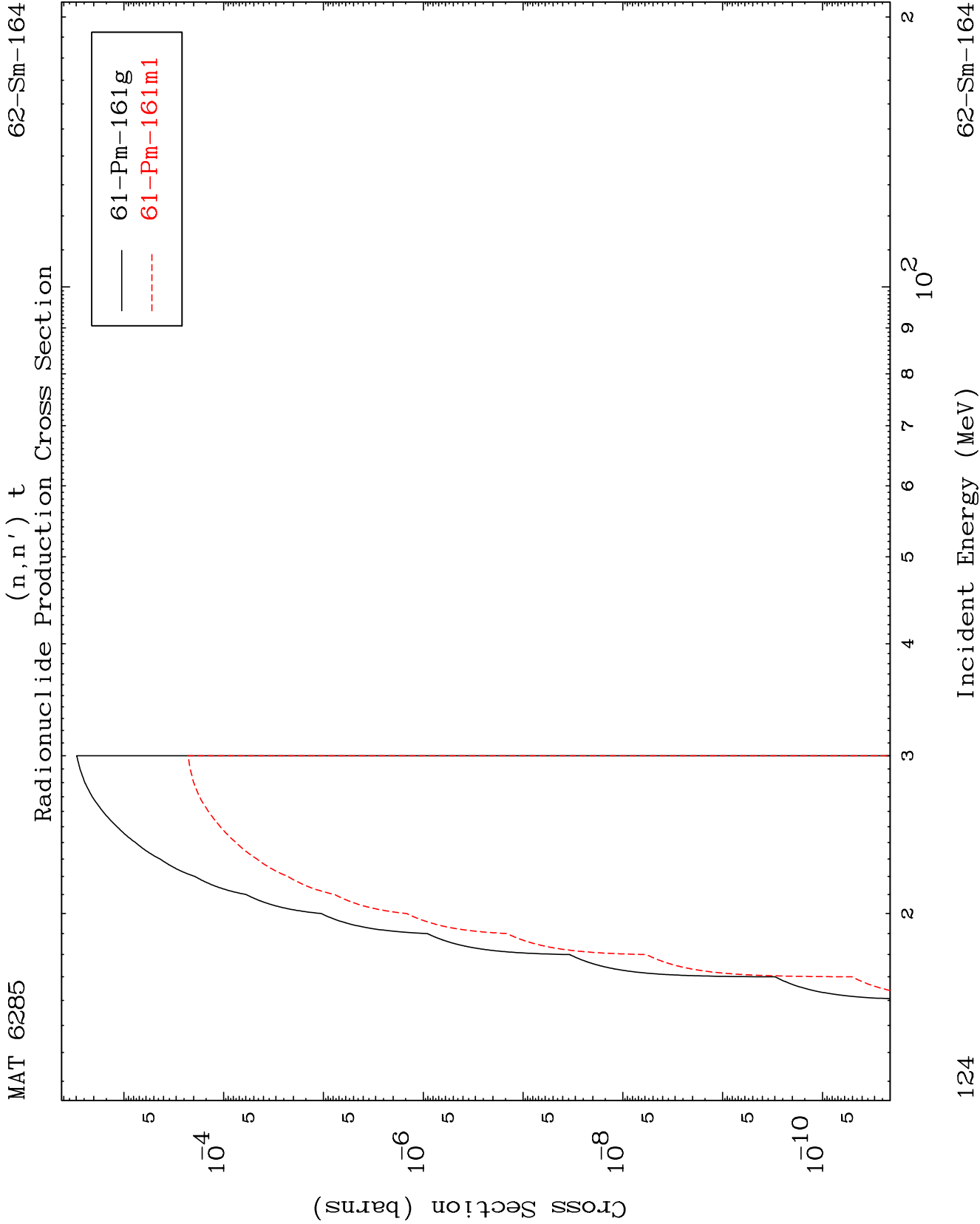
MT= 79 (n, n') Level
Legendre Coefficients

62-Sm-164







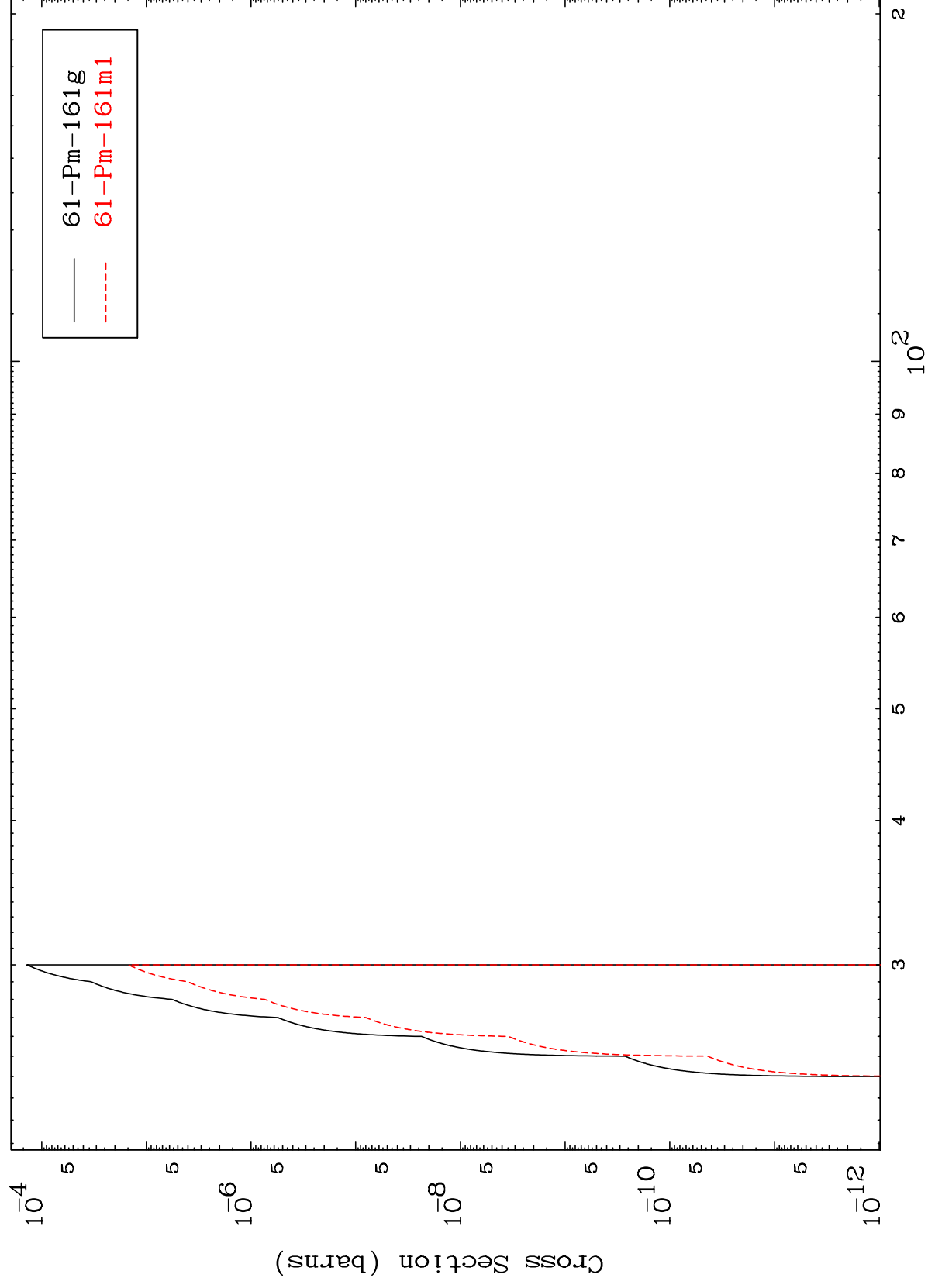


MAT 6285

$$(n, 3n) \text{ p}$$

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Radionuclide Production Cross Section



125

Incident Energy (MeV)

62-Sm-164