

Program EVALPLOT
(Version 2021-1)

by

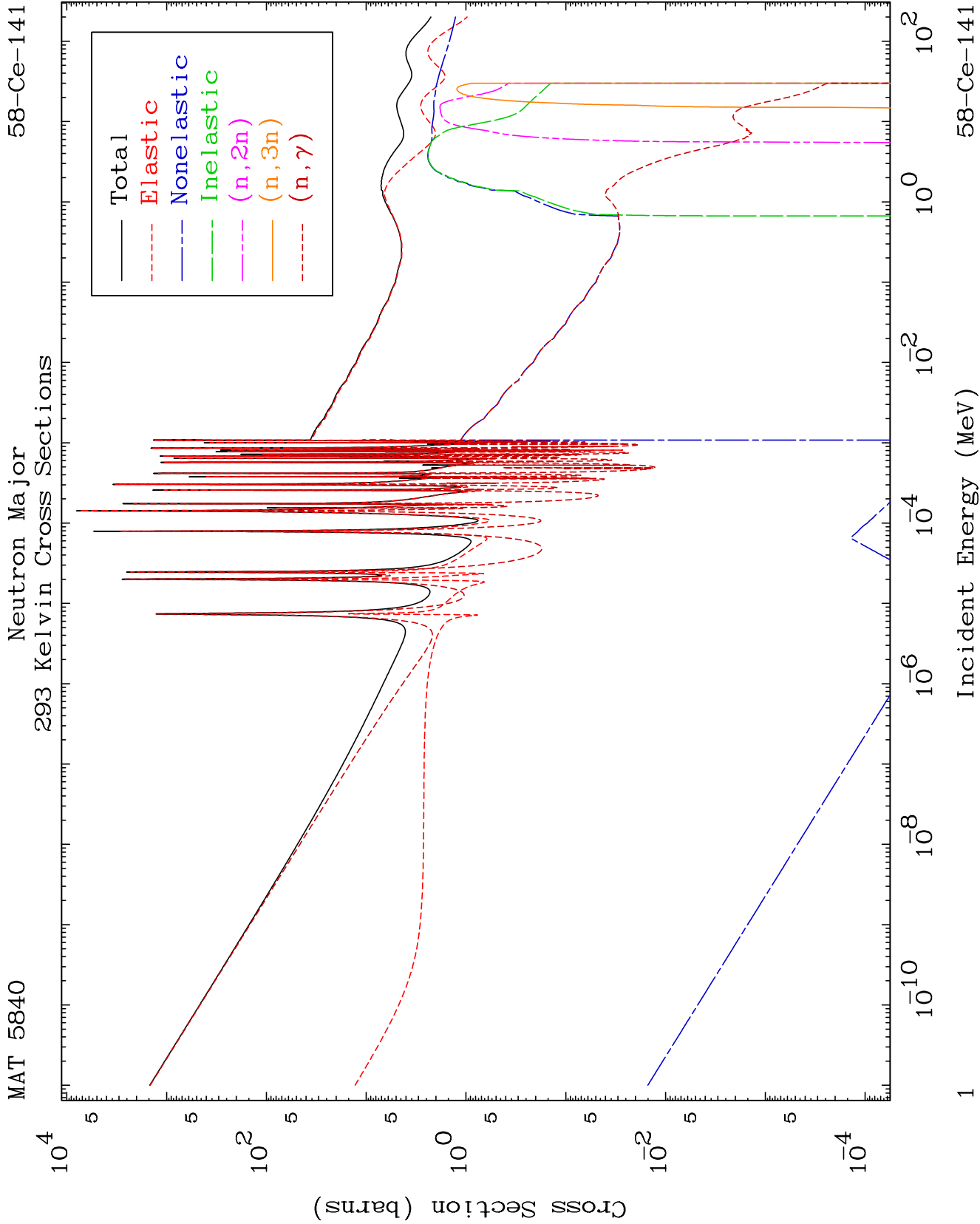
Dermott E. Cullen
(Present Contact Information)

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Tele: 925-443-1911

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

Press Mouse Button to Start

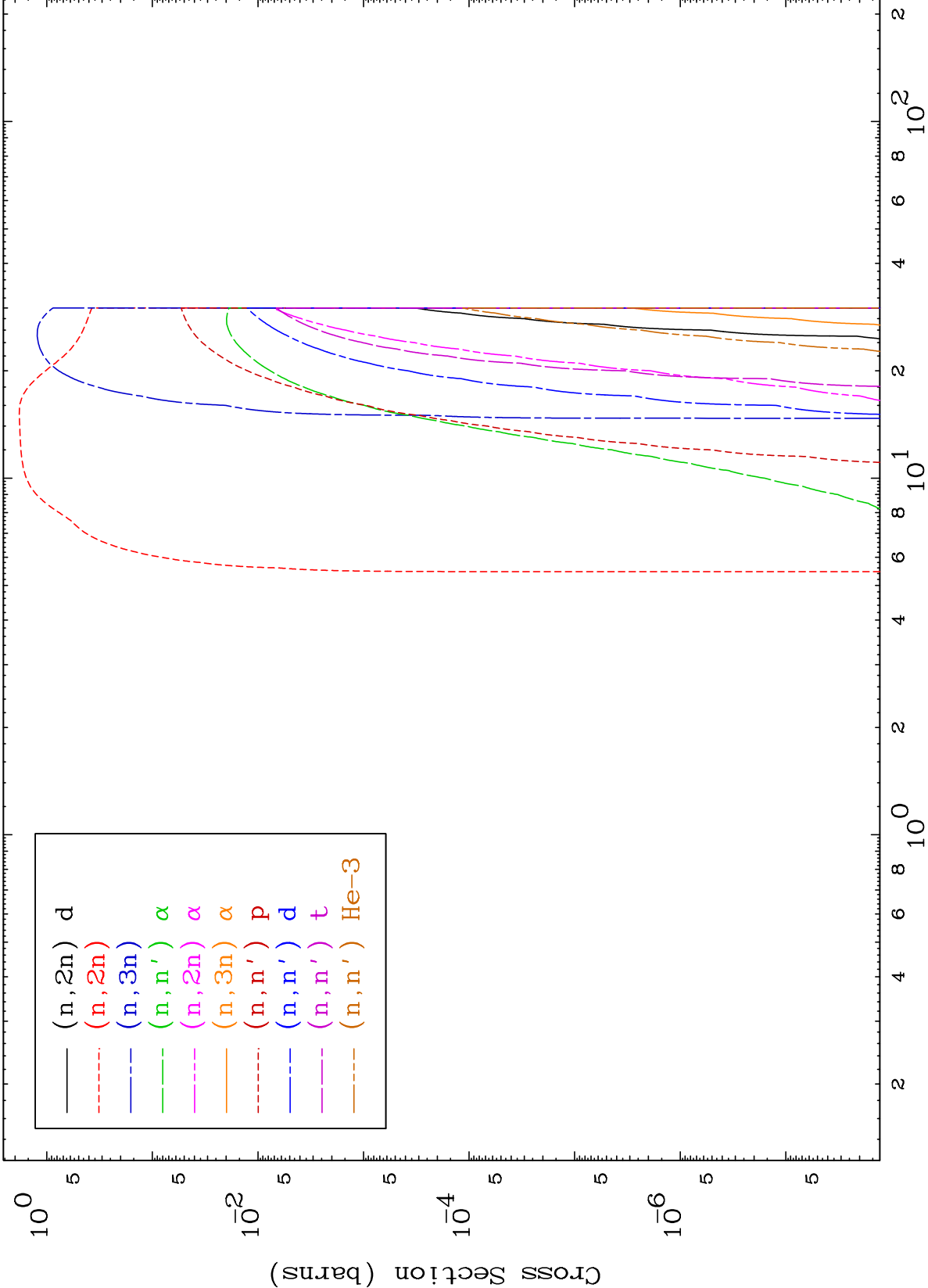


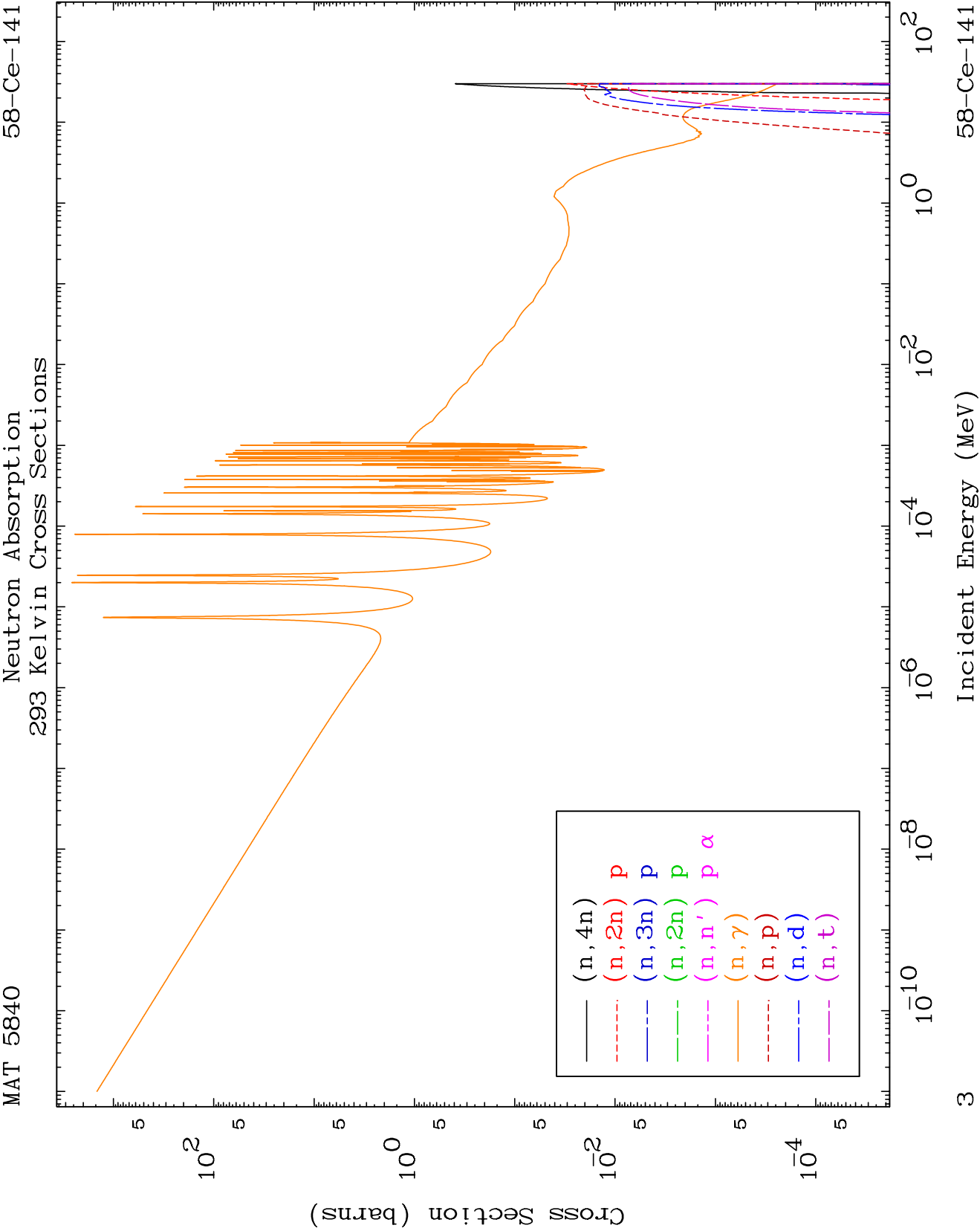
MAT 5840

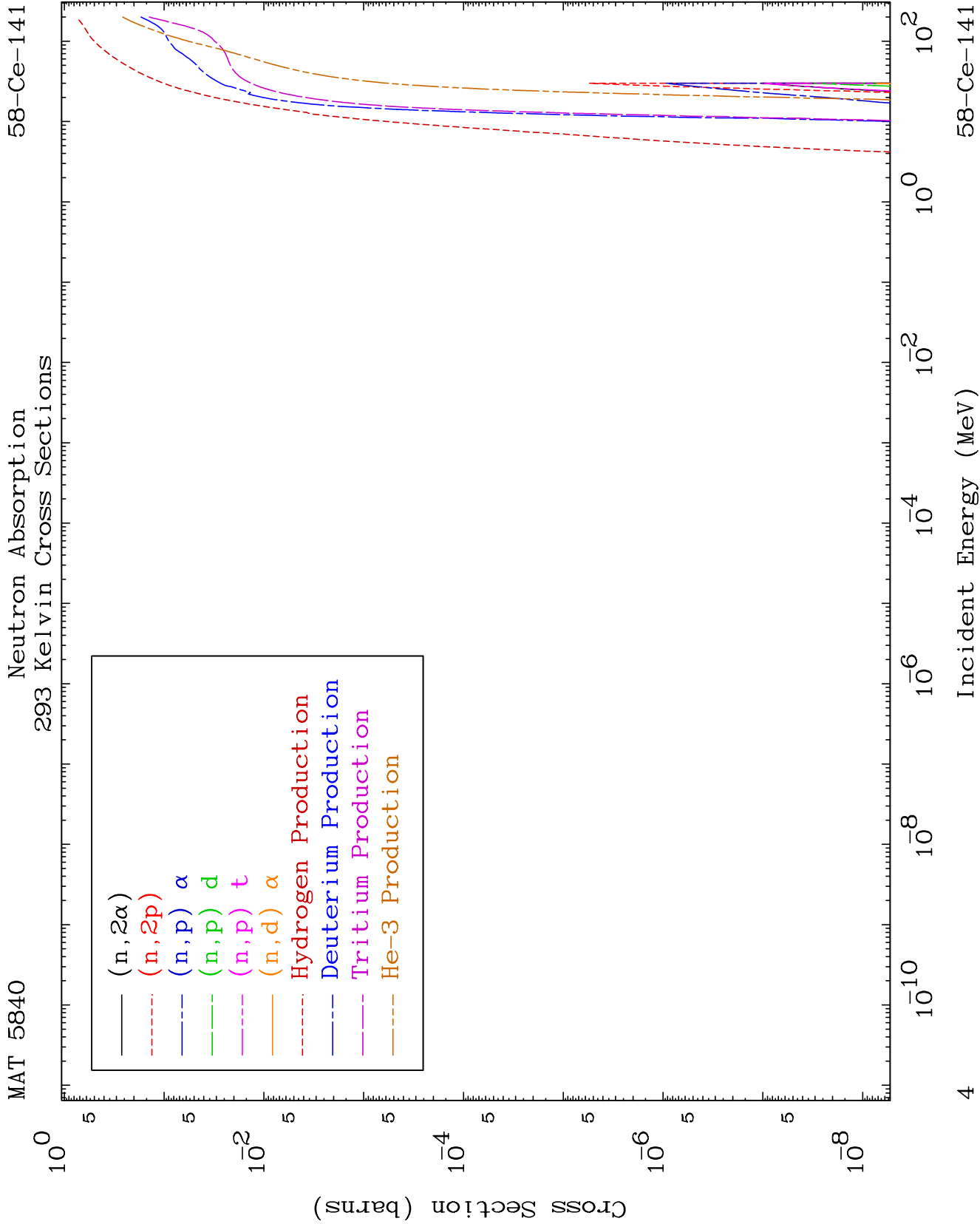
Neutron Absorption

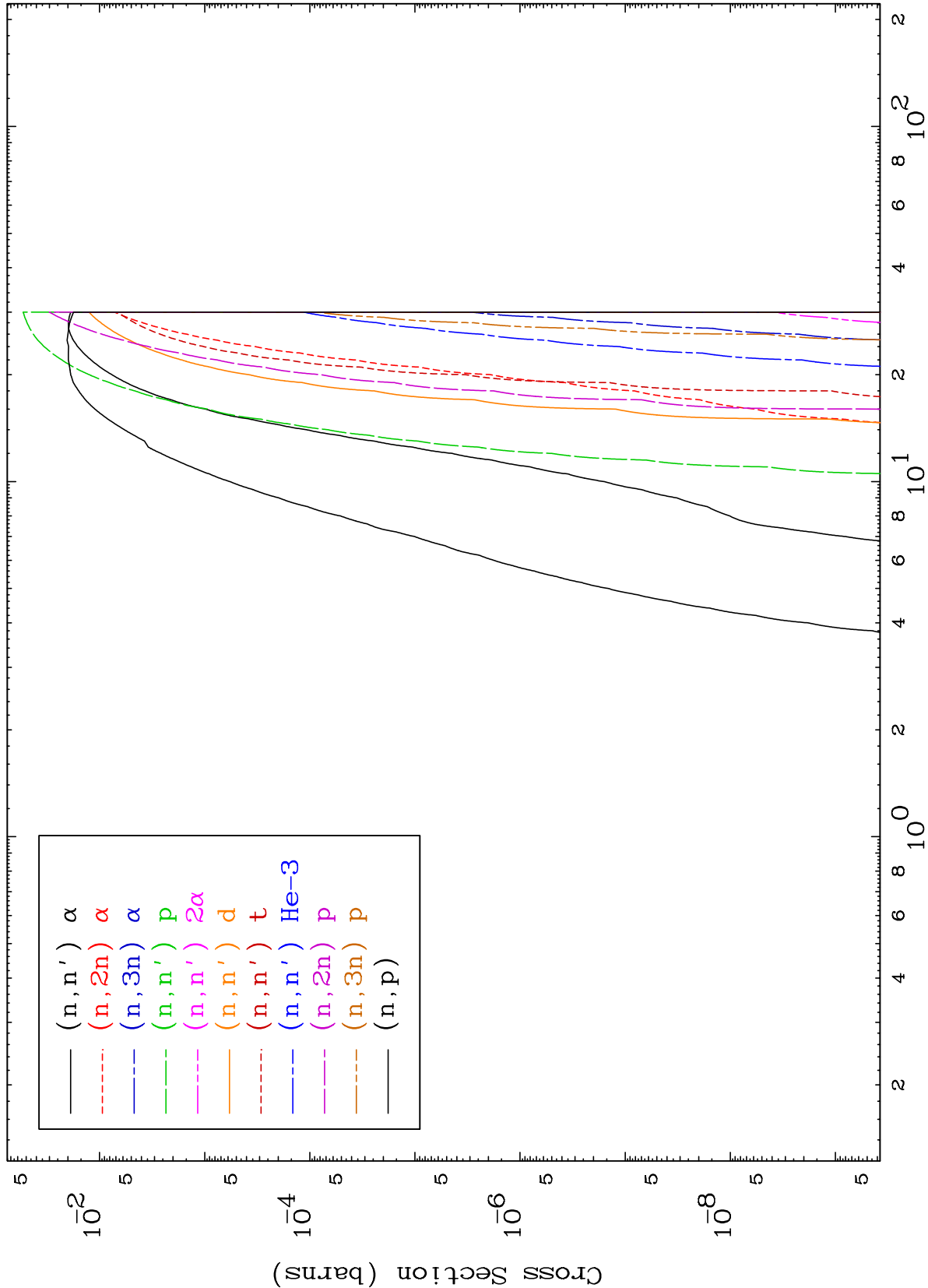
58-Ce-141

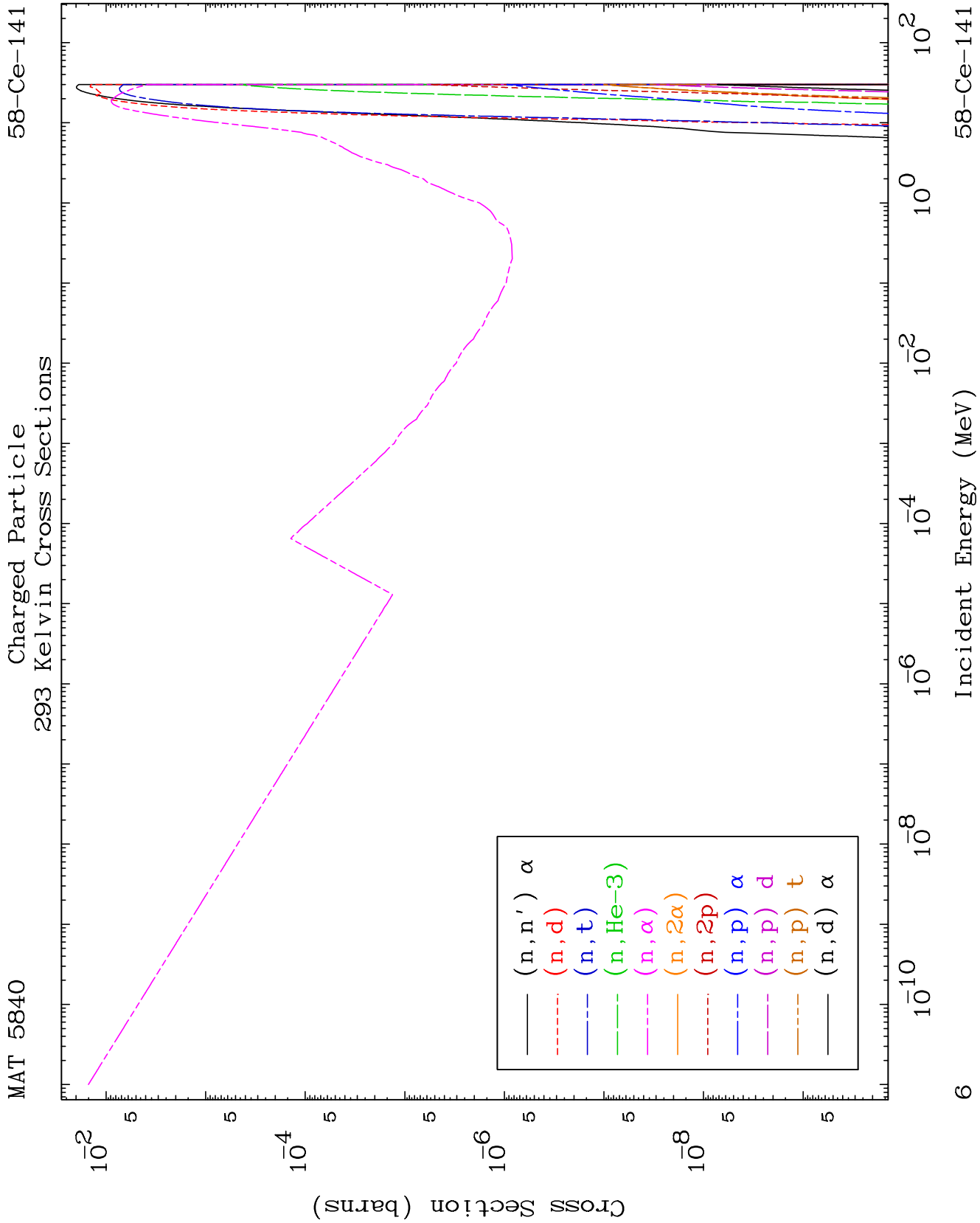
293 Kelvin Cross Sections

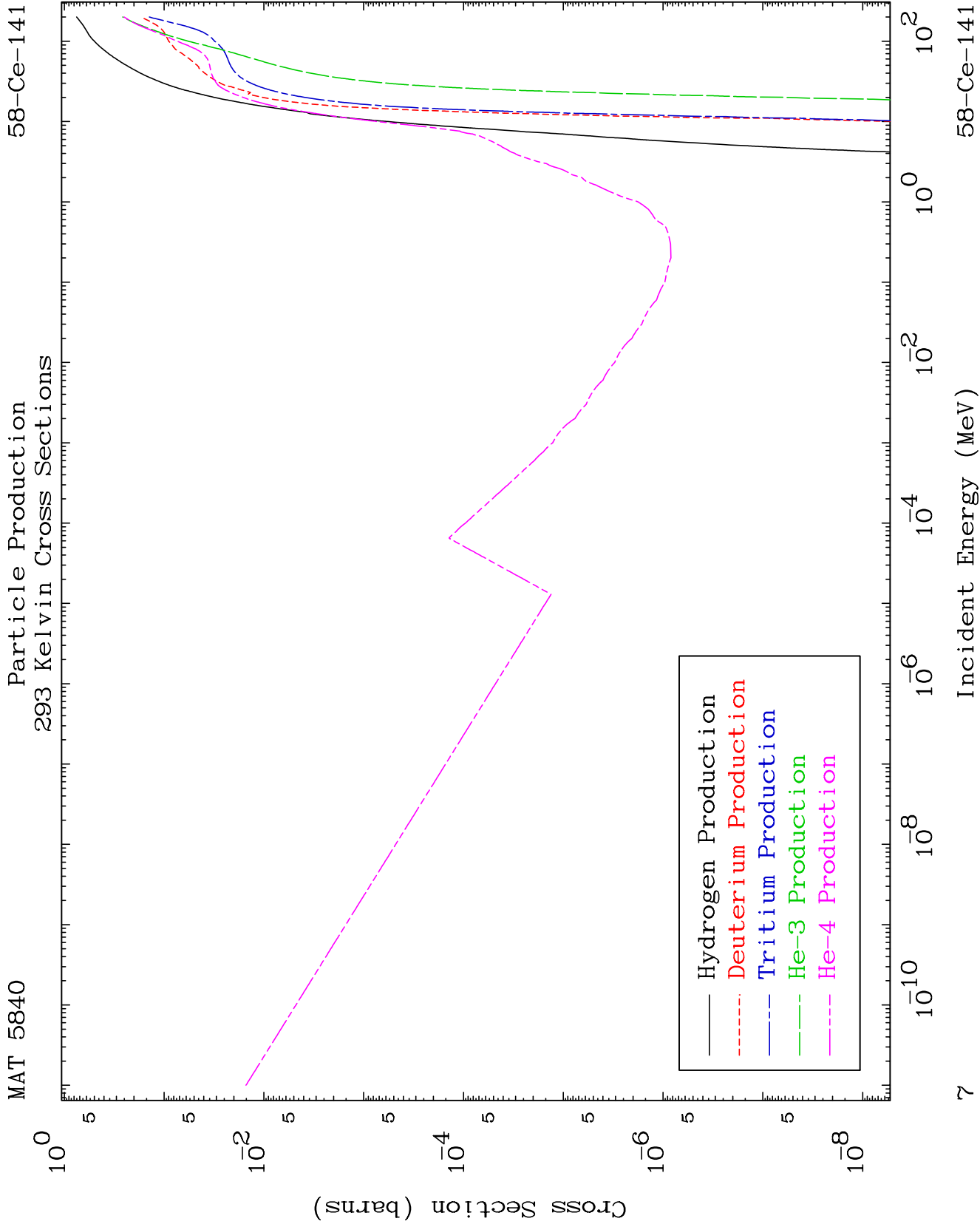










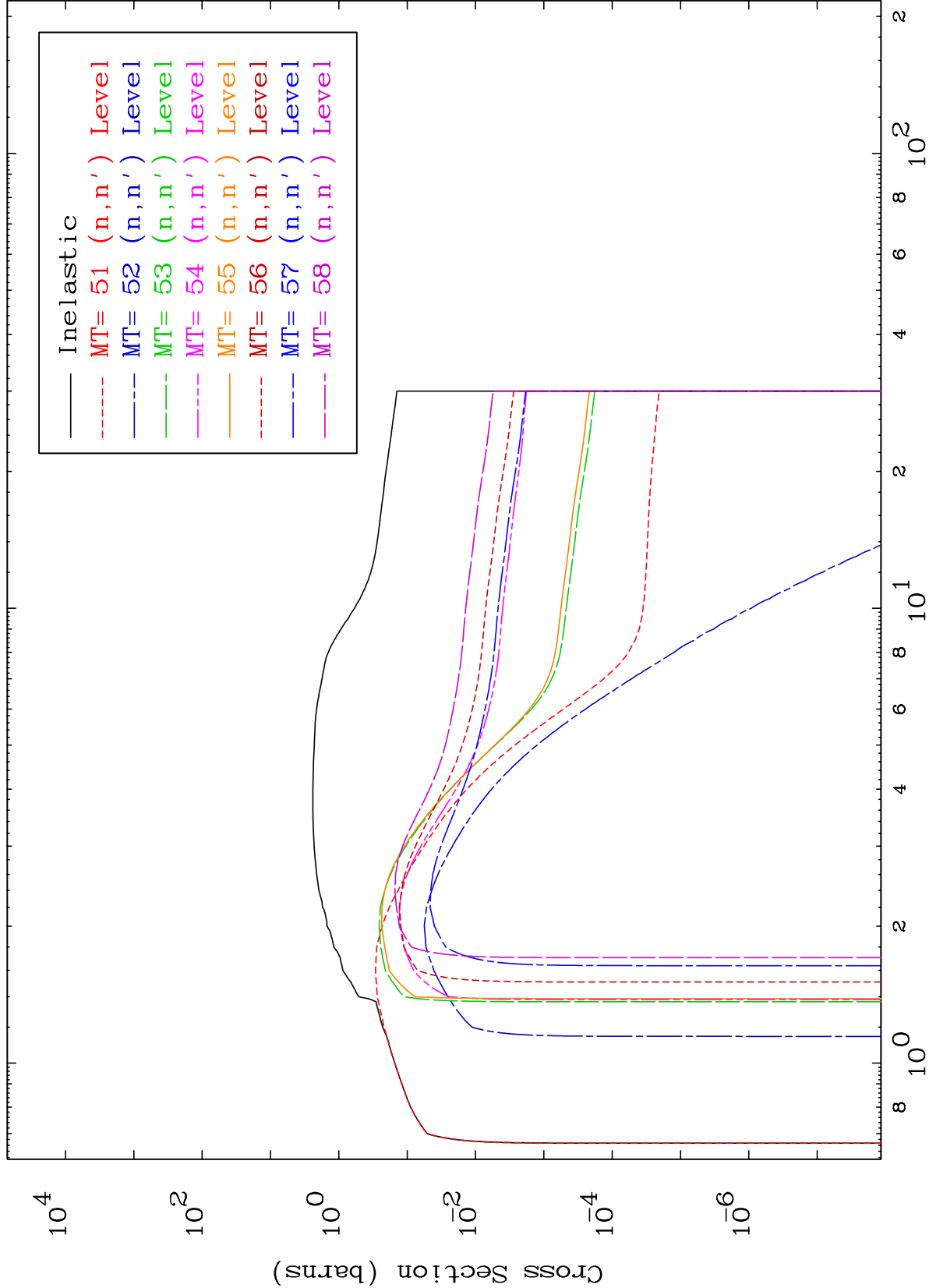


MAT 5840

(n,n') Levels

293 Kelvin Cross Sections

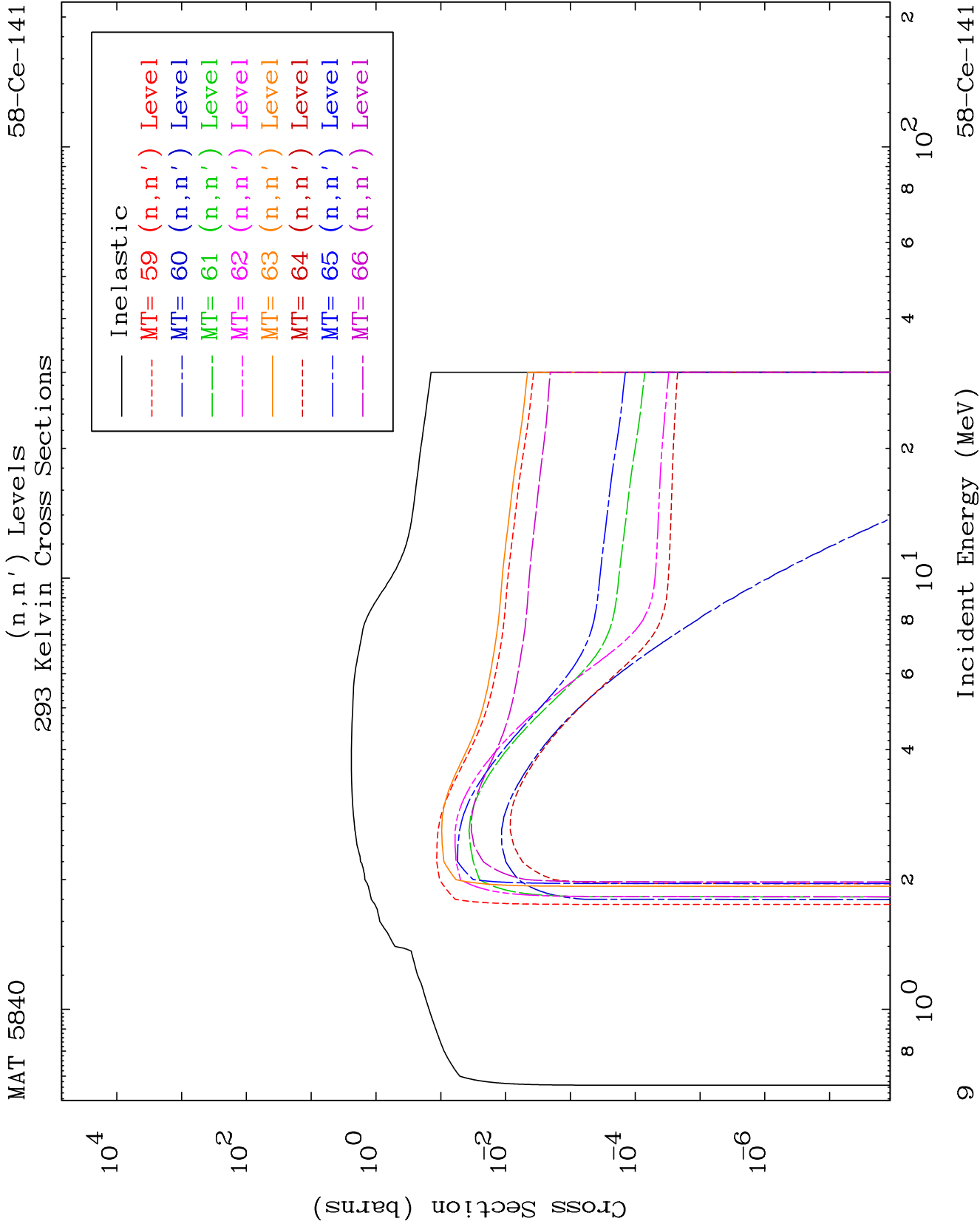
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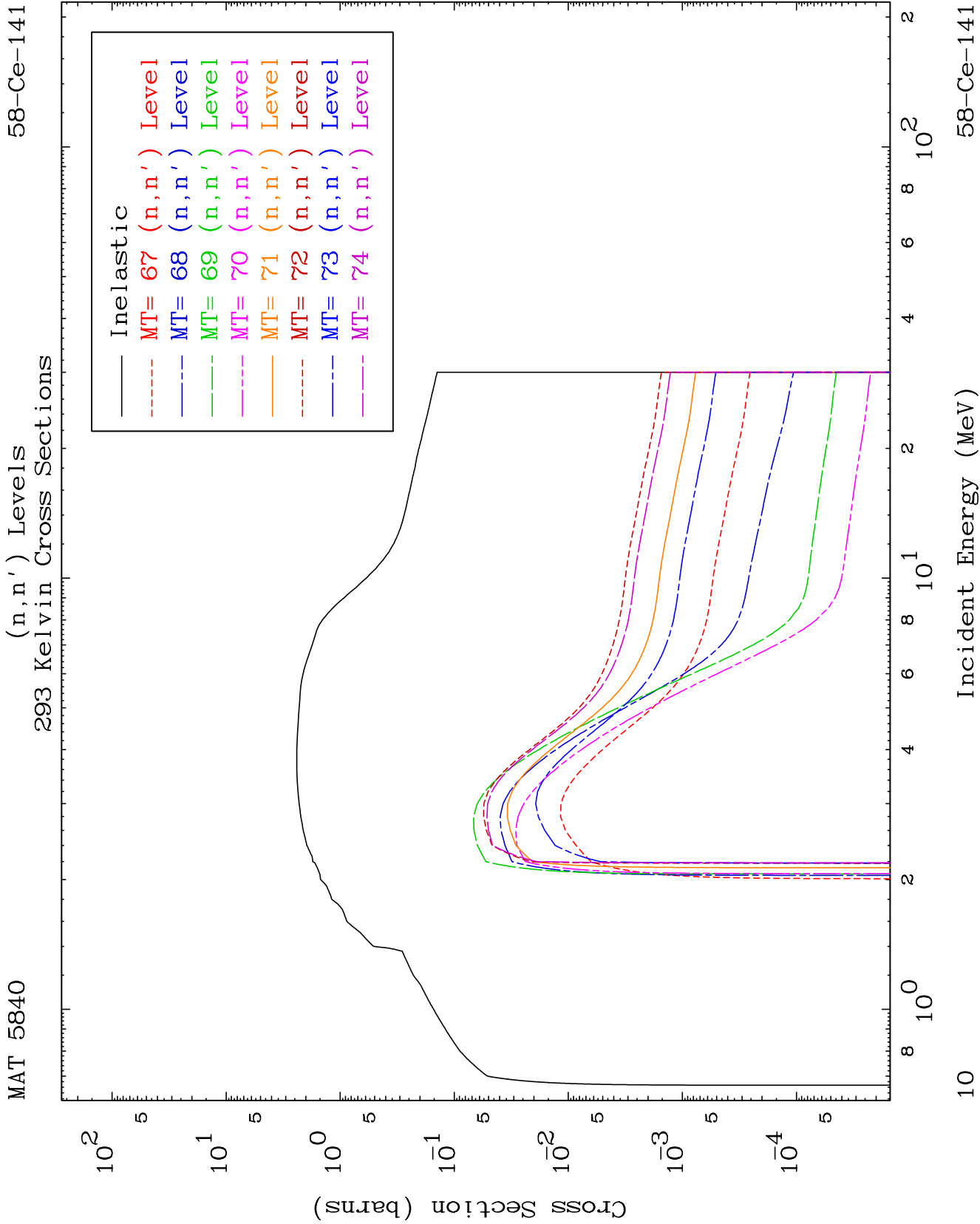


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Incident Energy (MeV)

58-Ce-141



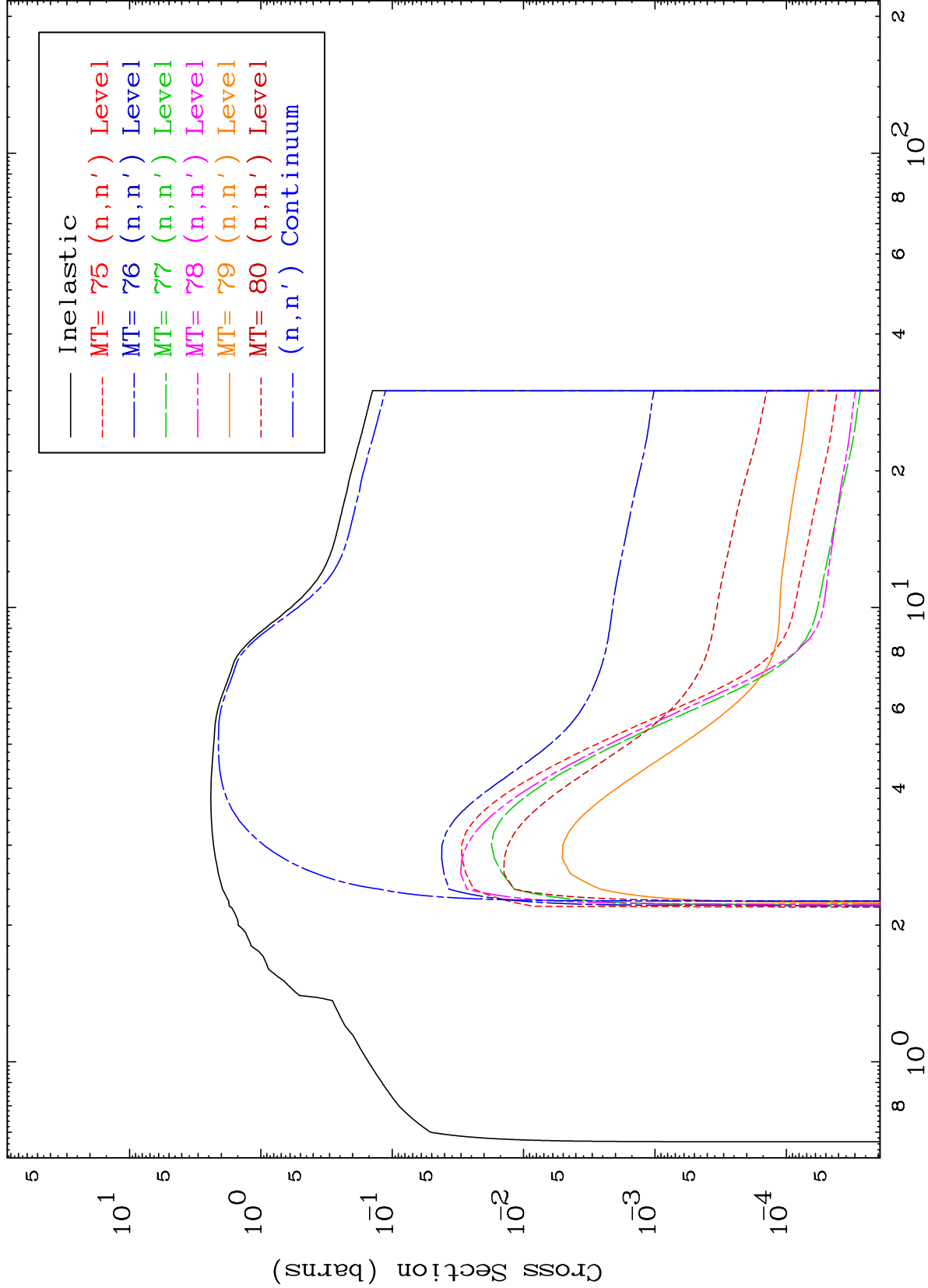


MAT 5840

(n,n') Levels

293 Kelvin Cross Sections

58-Ce-141



11

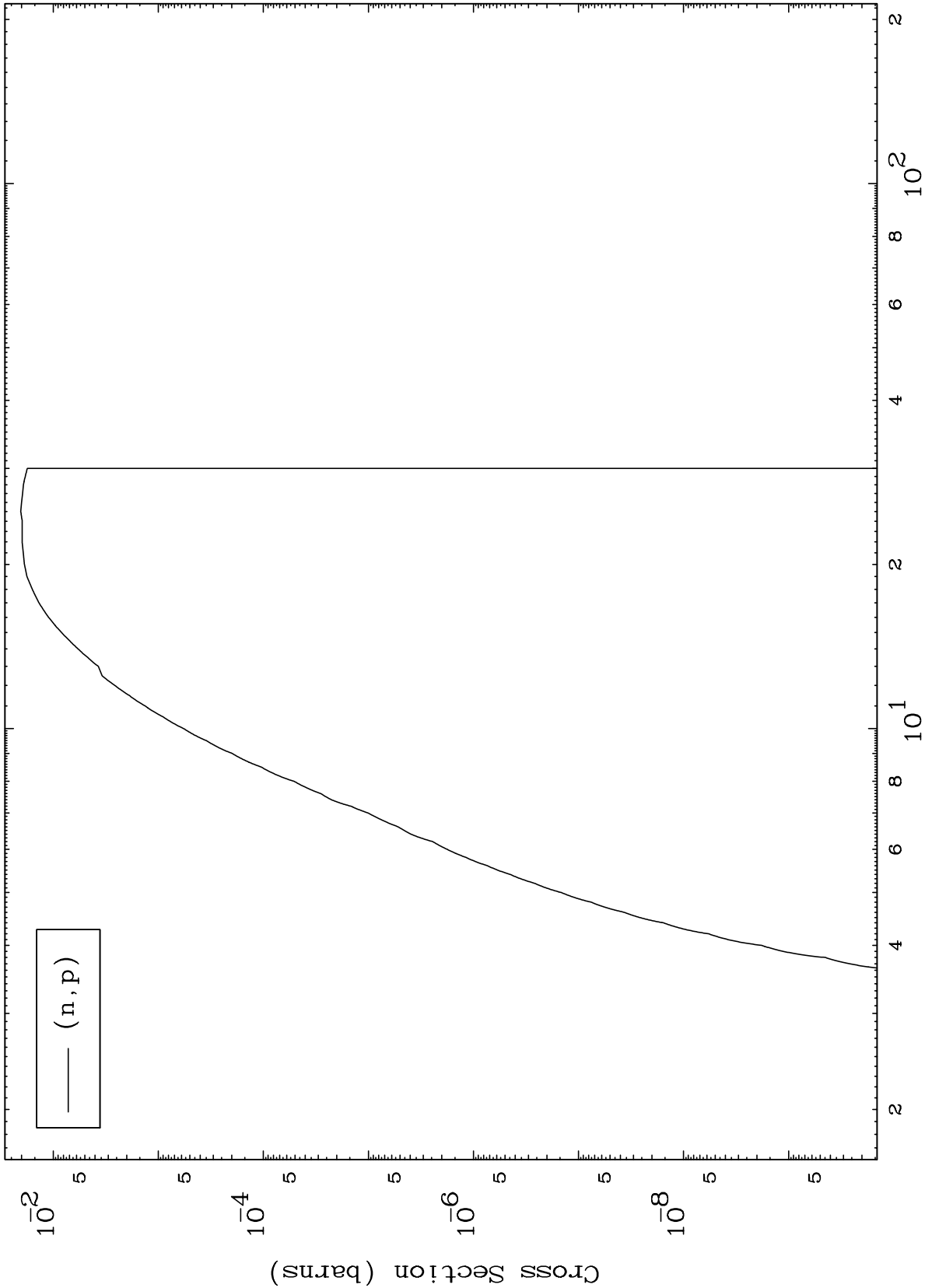
Incident Energy (MeV)

58-Ce-141

MAT 5840

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-141



12

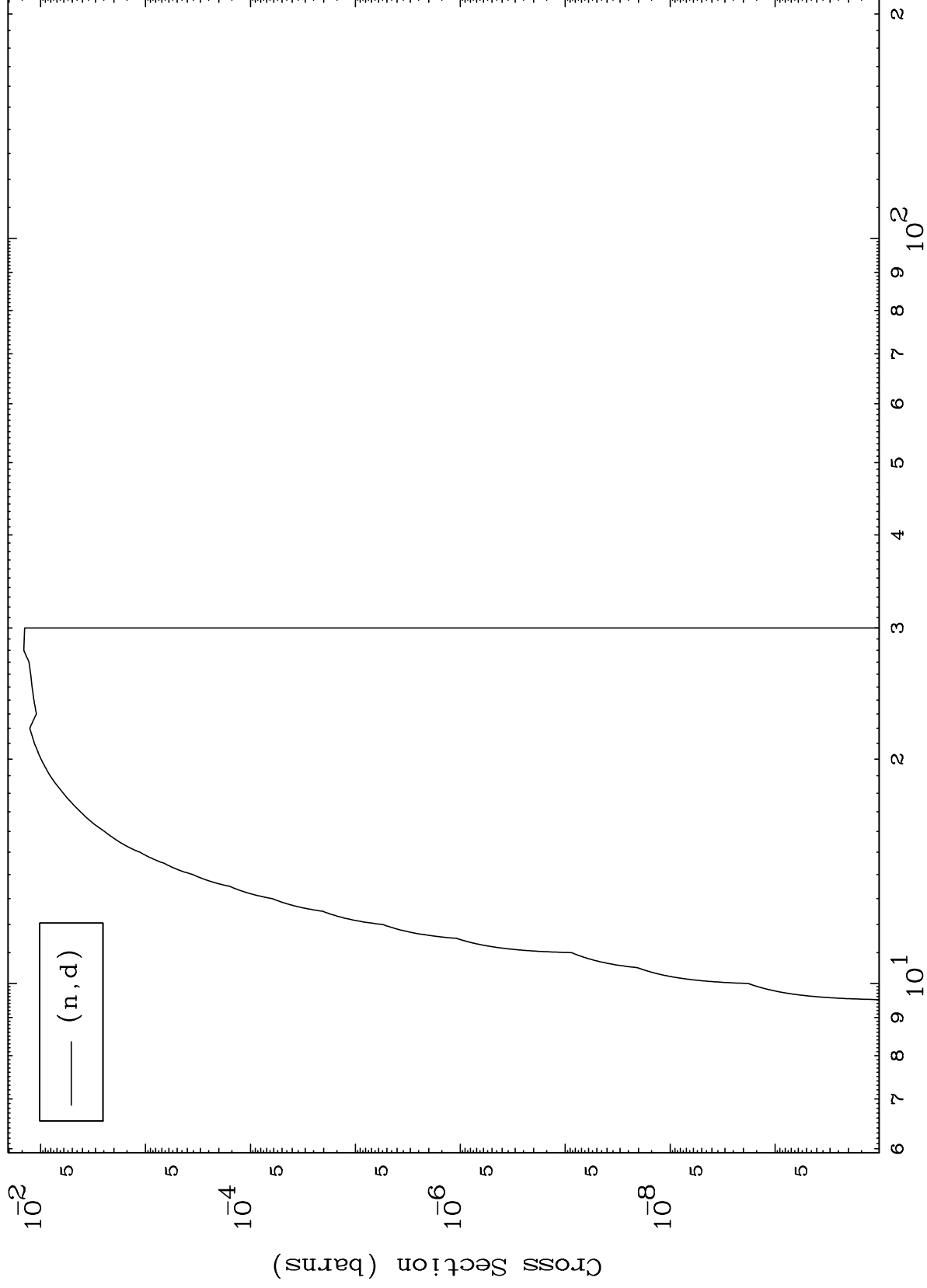
Incident Energy (MeV)

58-Ce-141

MAT 5840

58-Ce-141

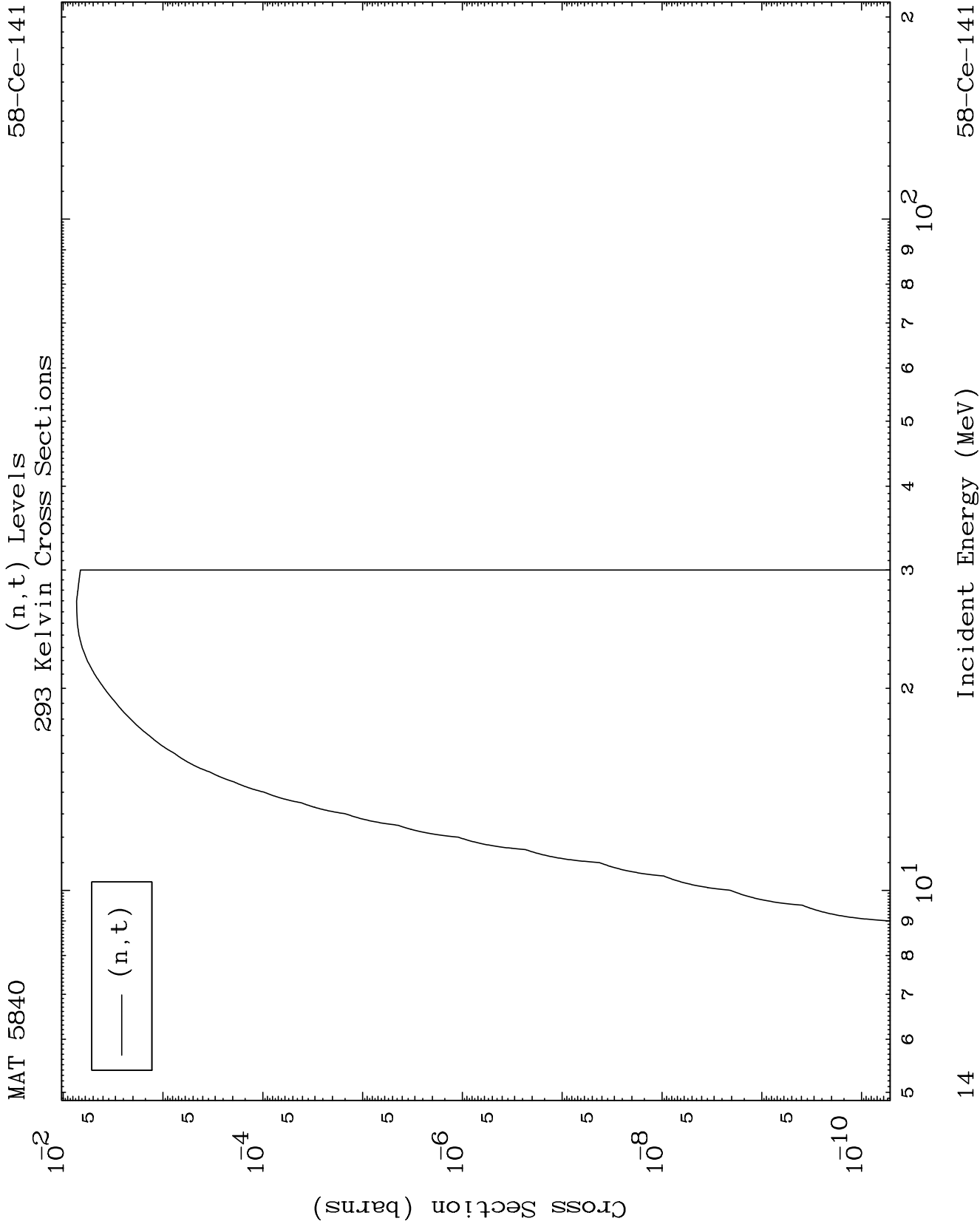
(n,d) Levels
293 Kelvin Cross Sections



58-Ce-141

Incident Energy (MeV)

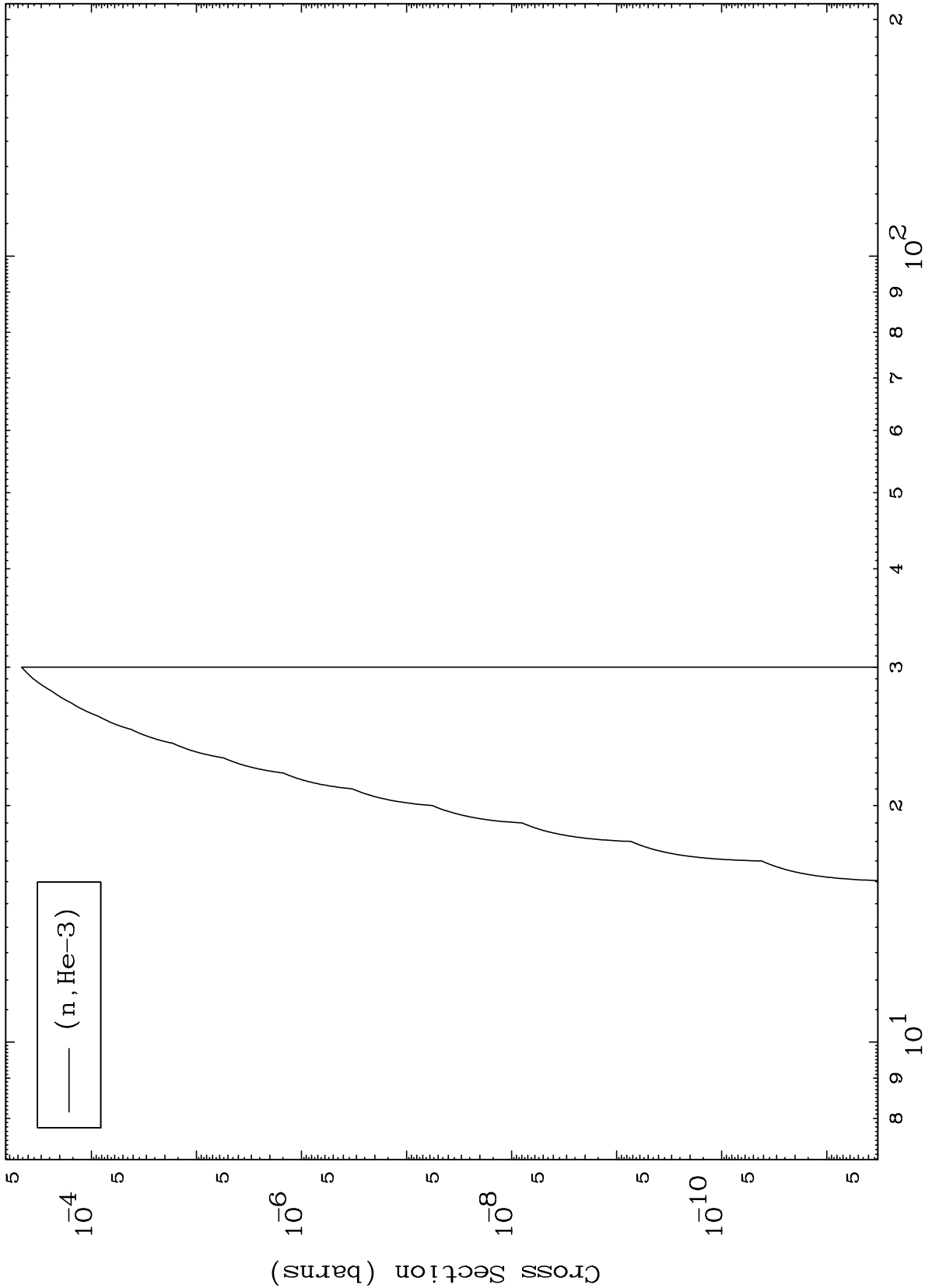
13



MAT 5840

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-141



15

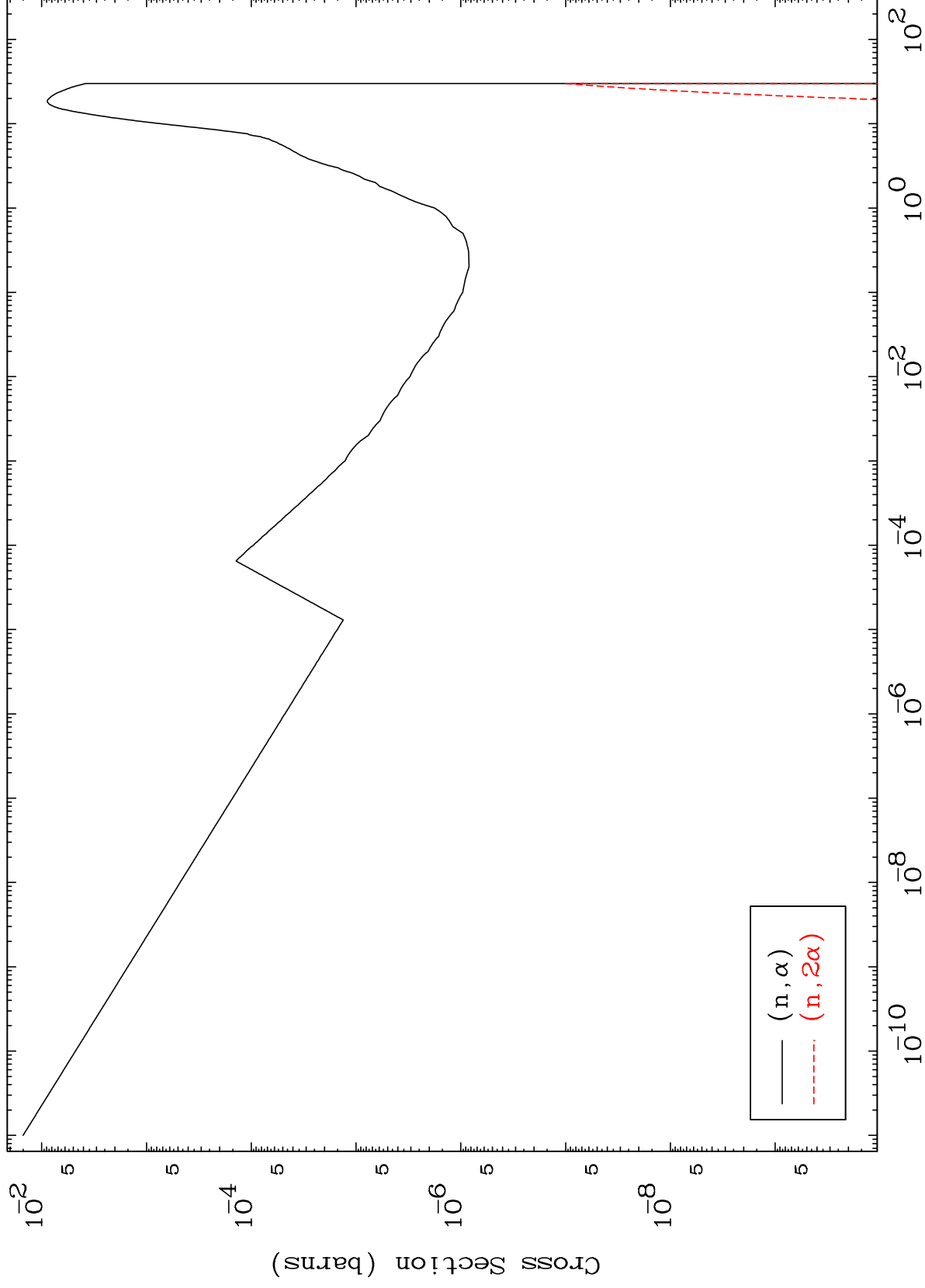
Incident Energy (MeV)

58-Ce-141

MAT 5840

(n, α) Levels
293 Kelvin Cross Sections

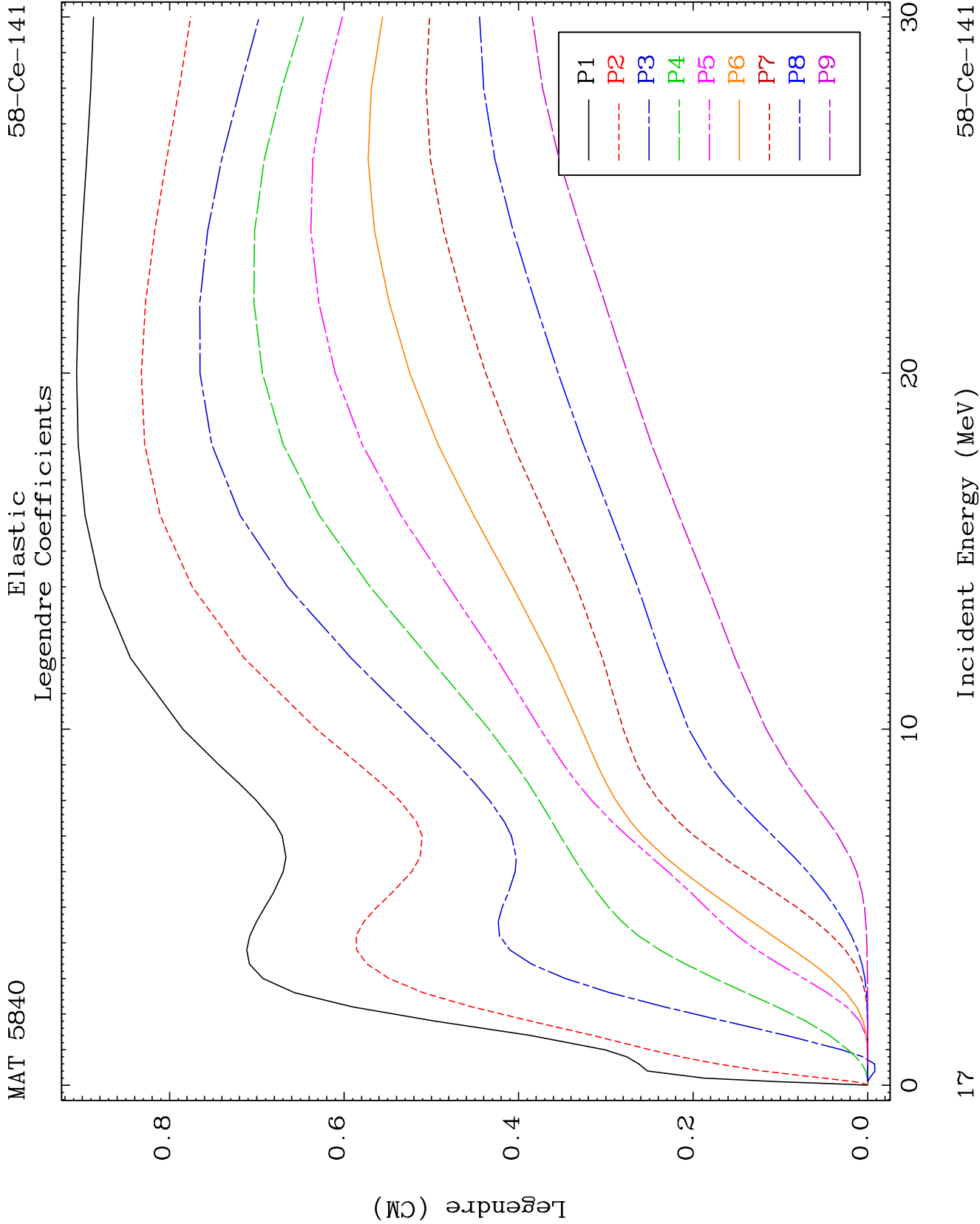
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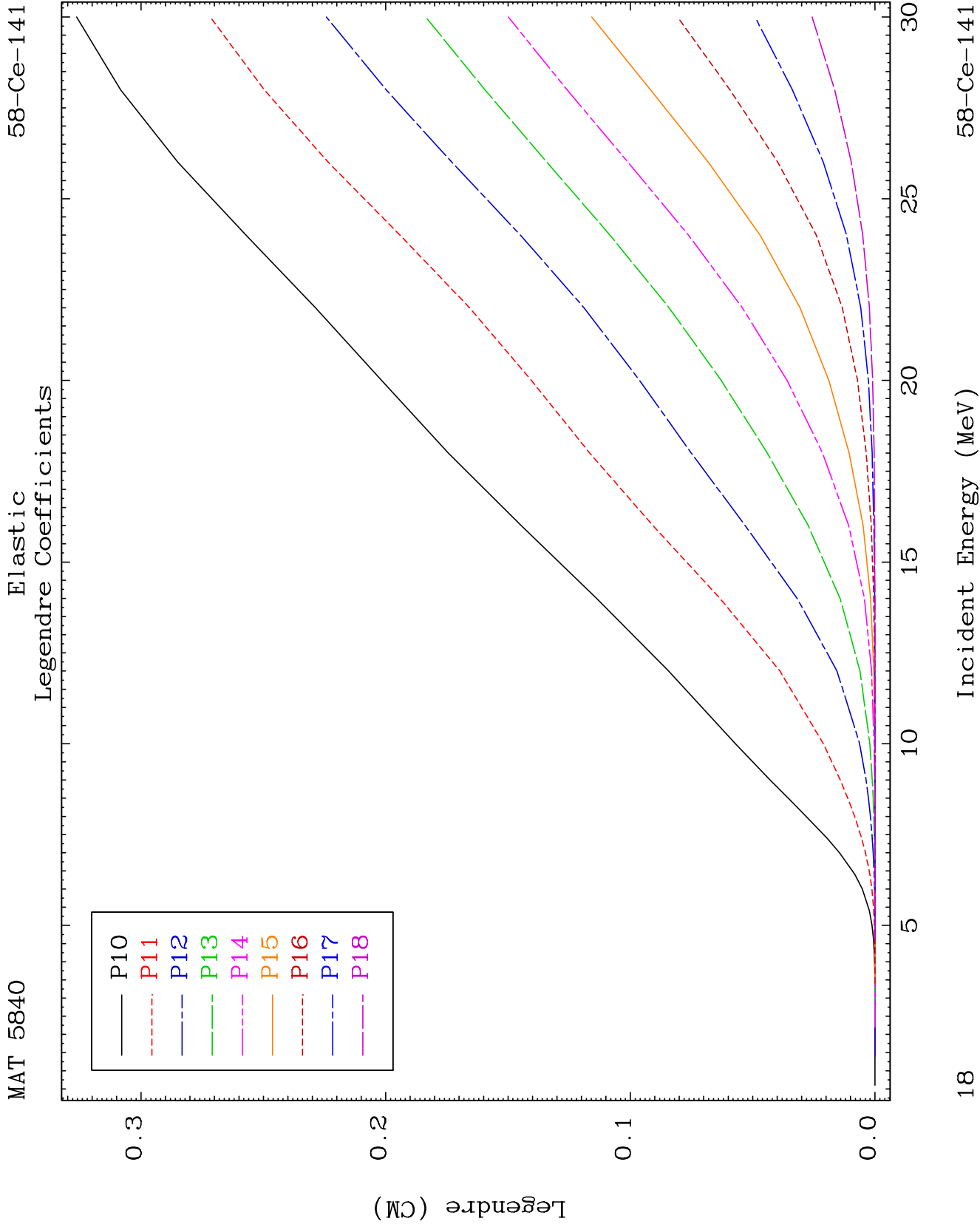


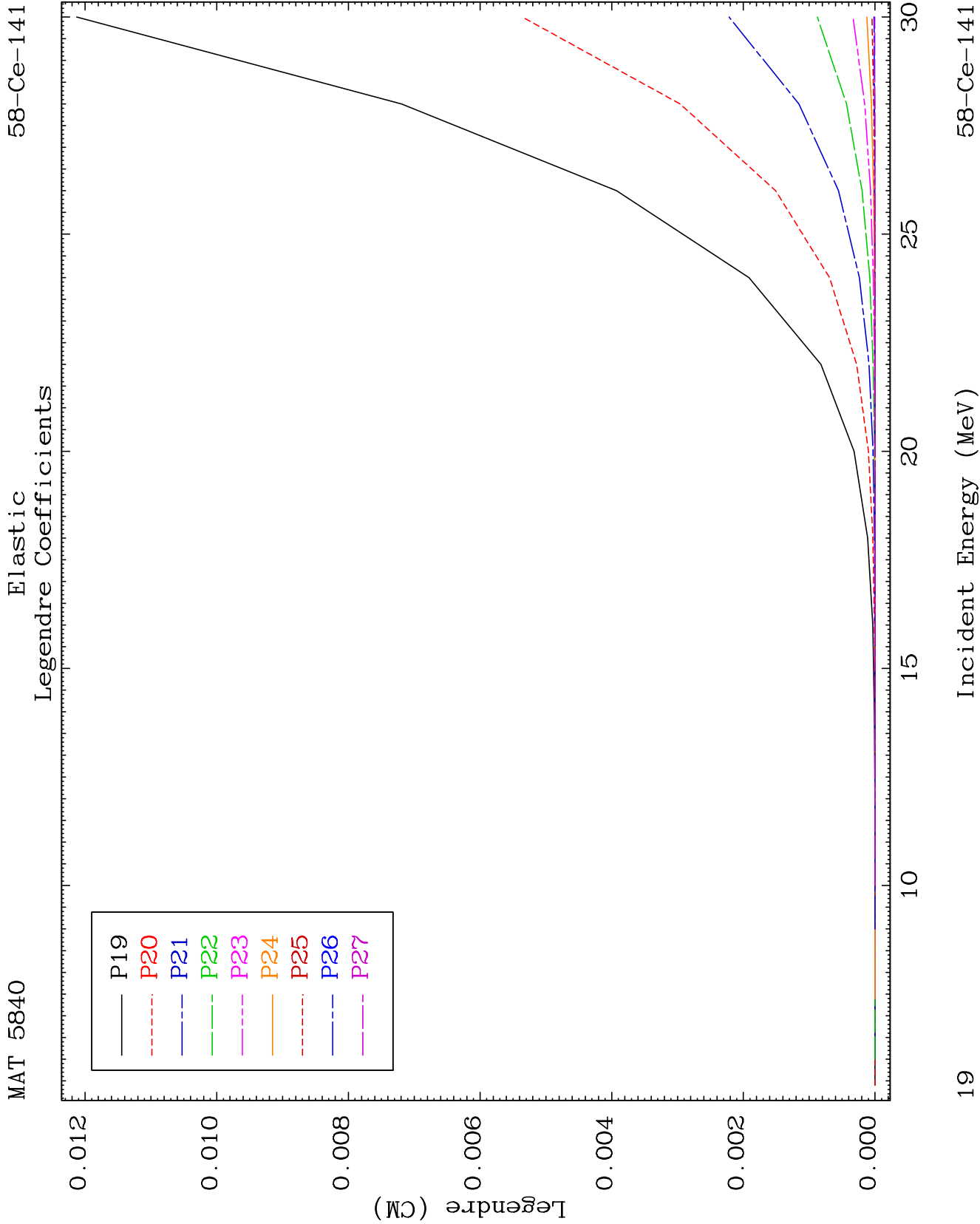
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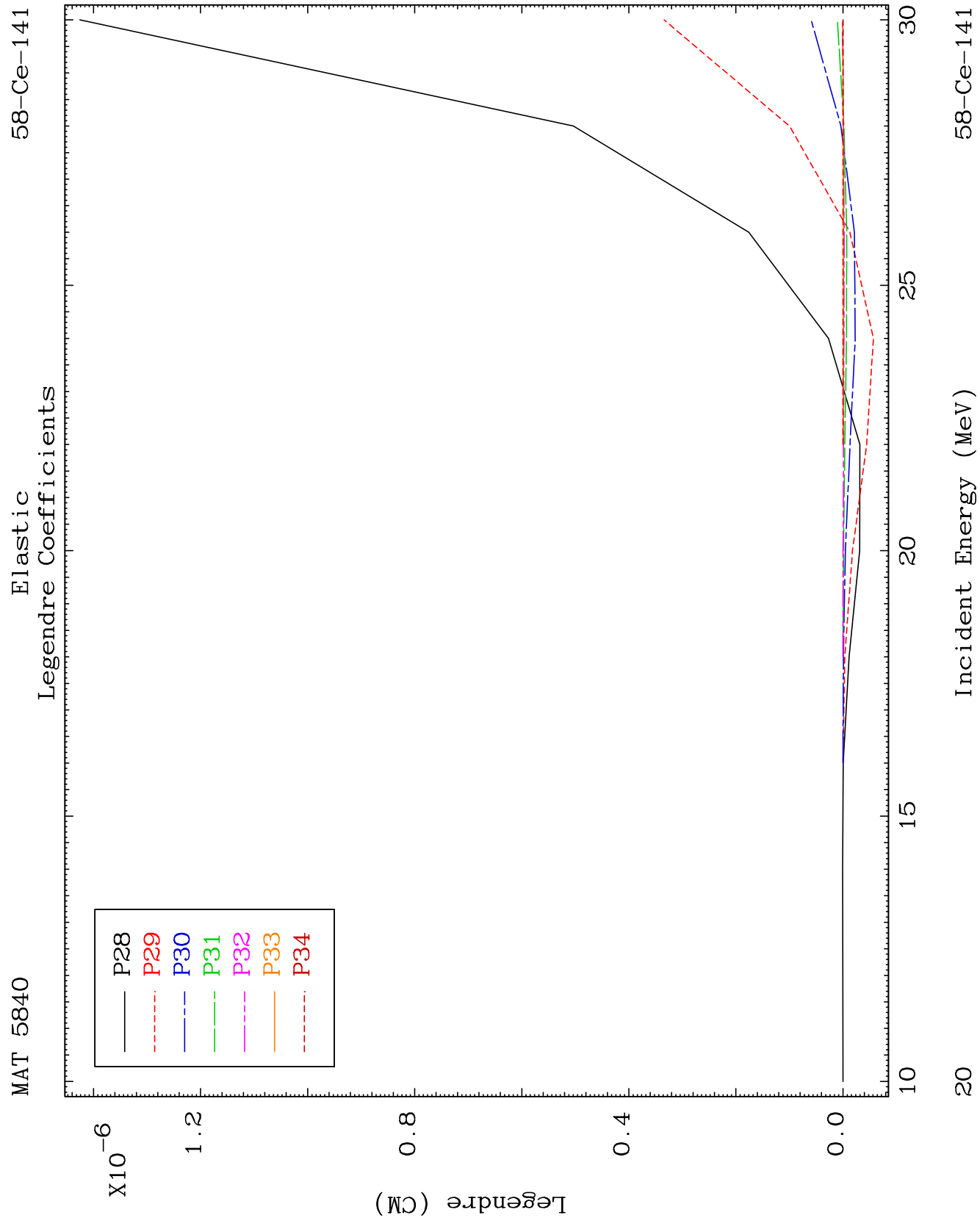
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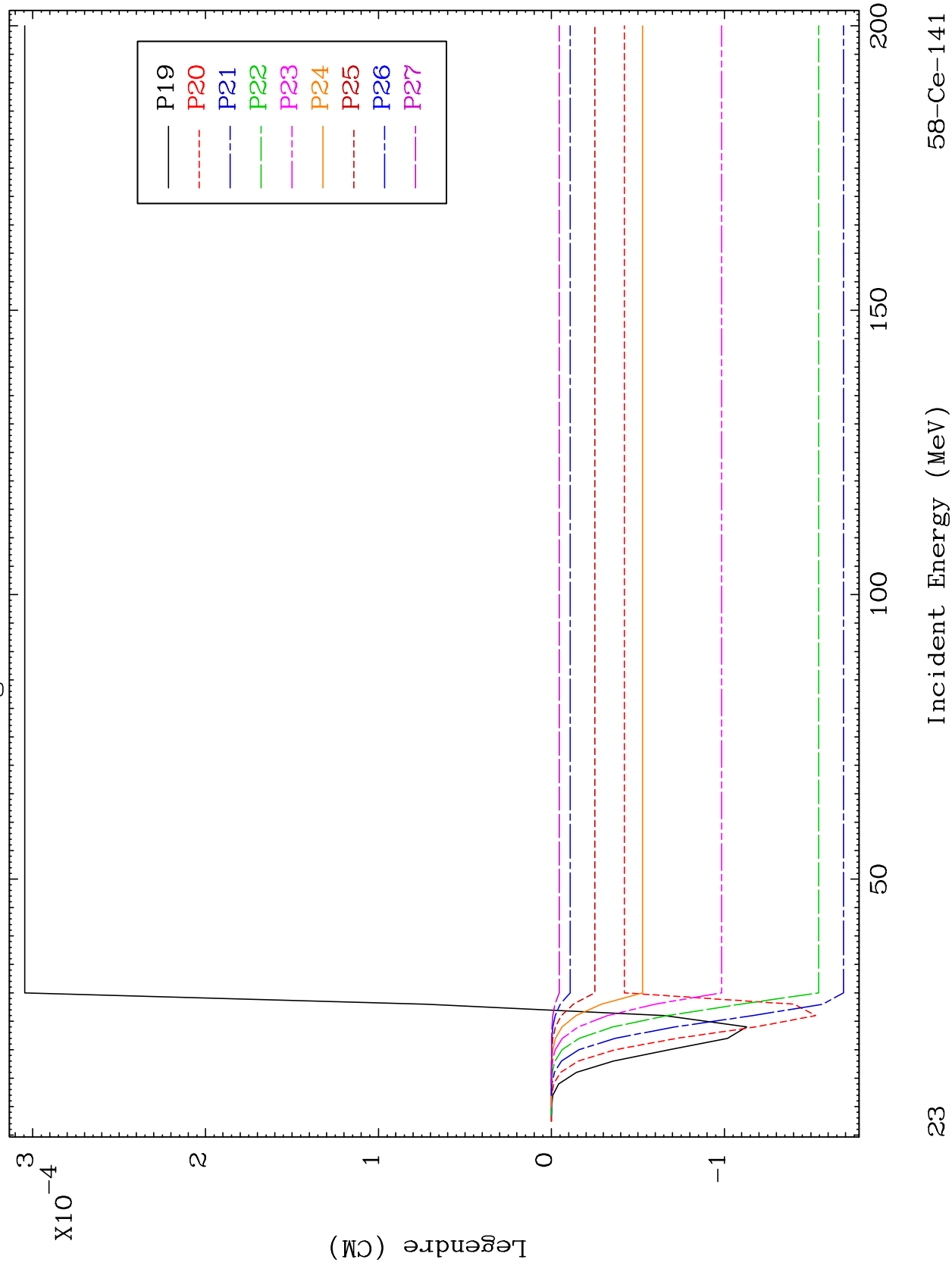
58-Ce-141







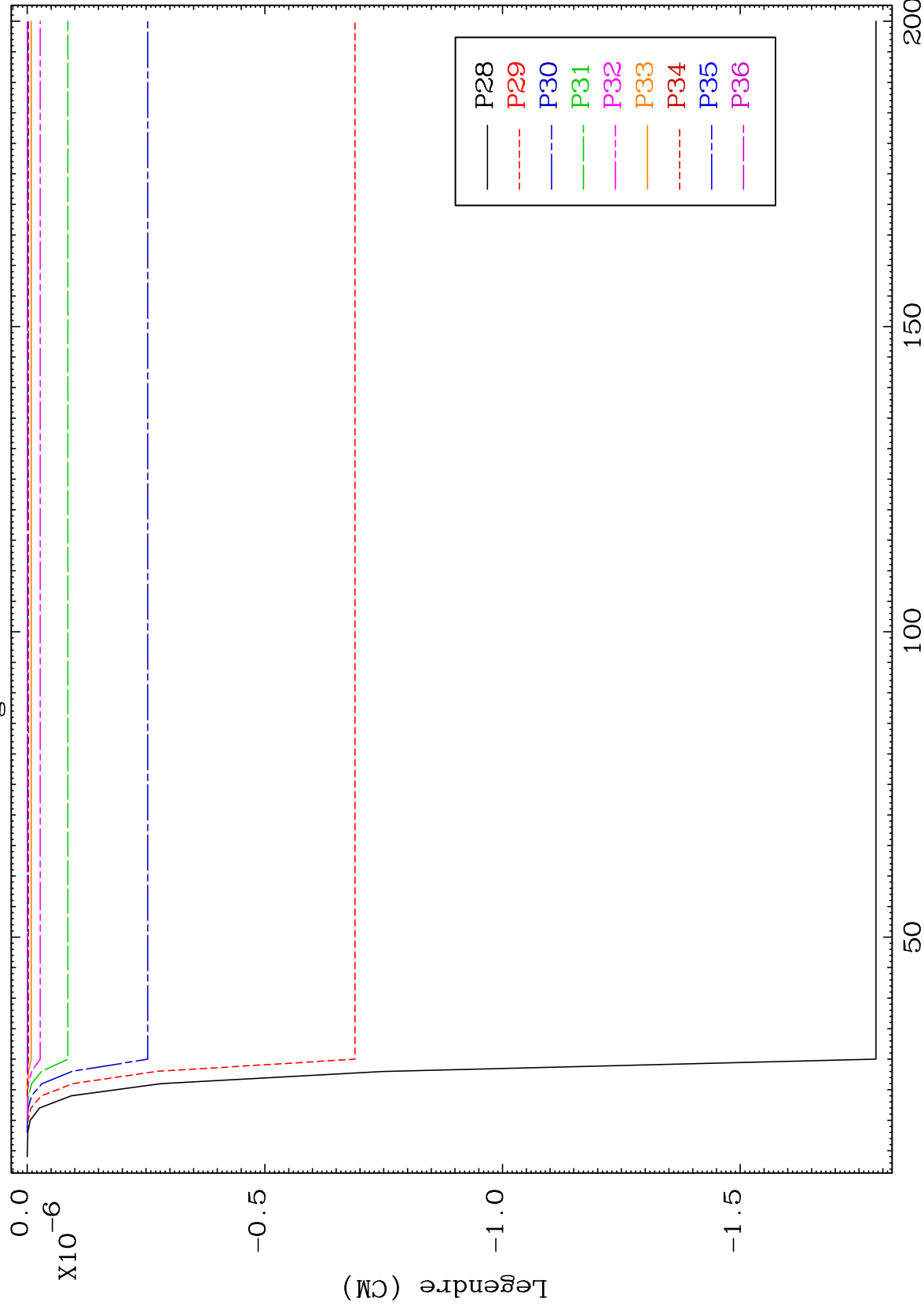




MAT 5840

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

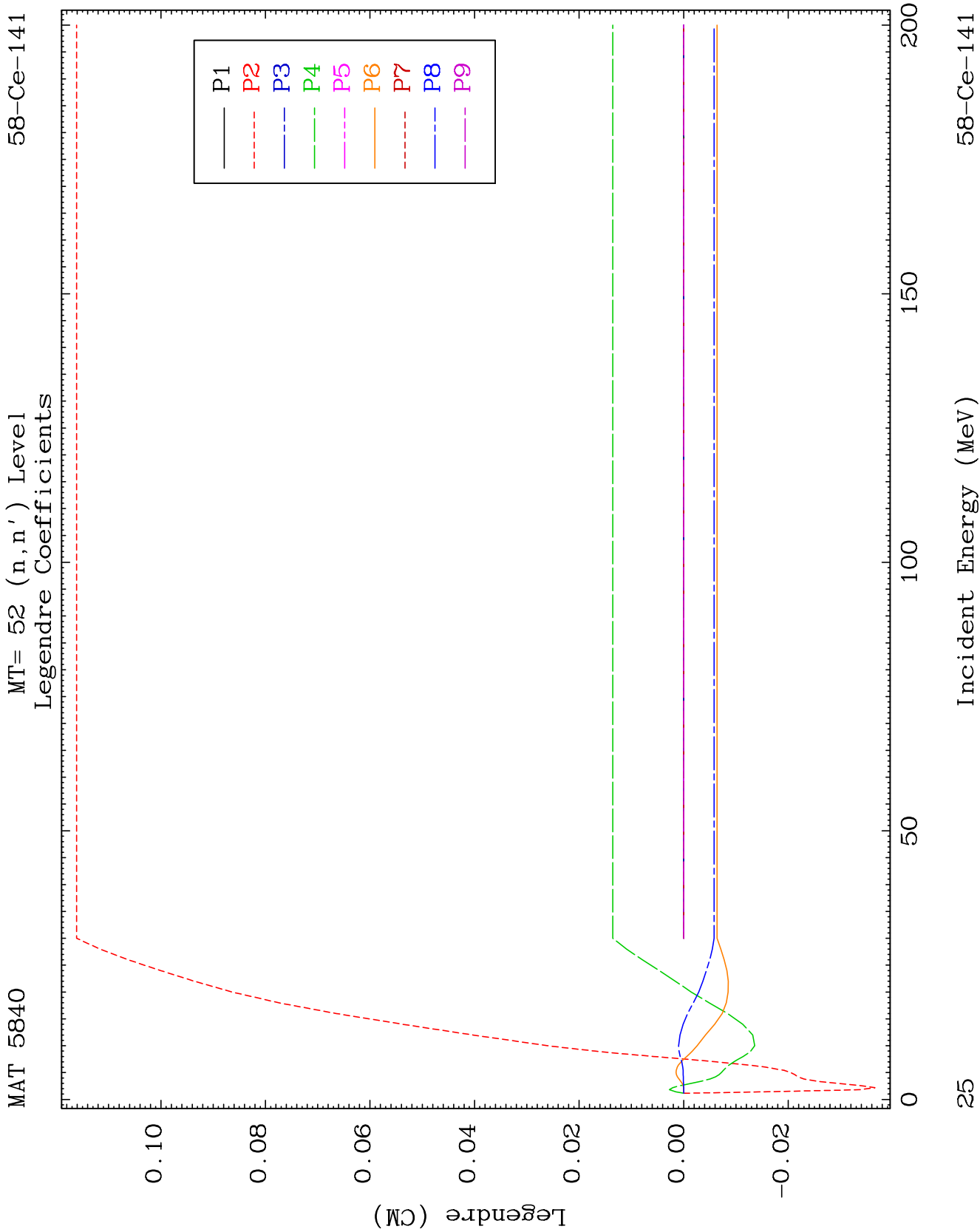
58-Ce-141

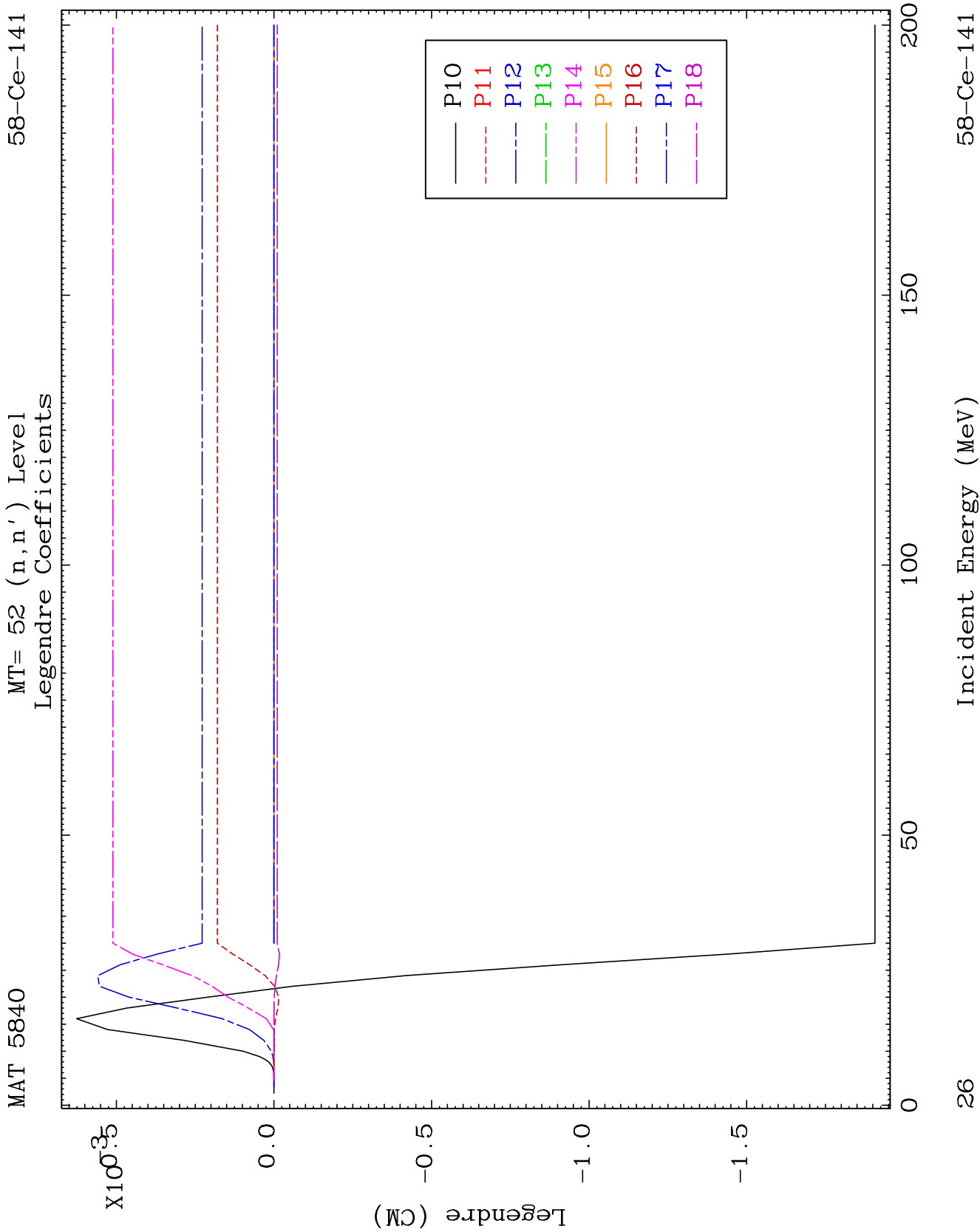


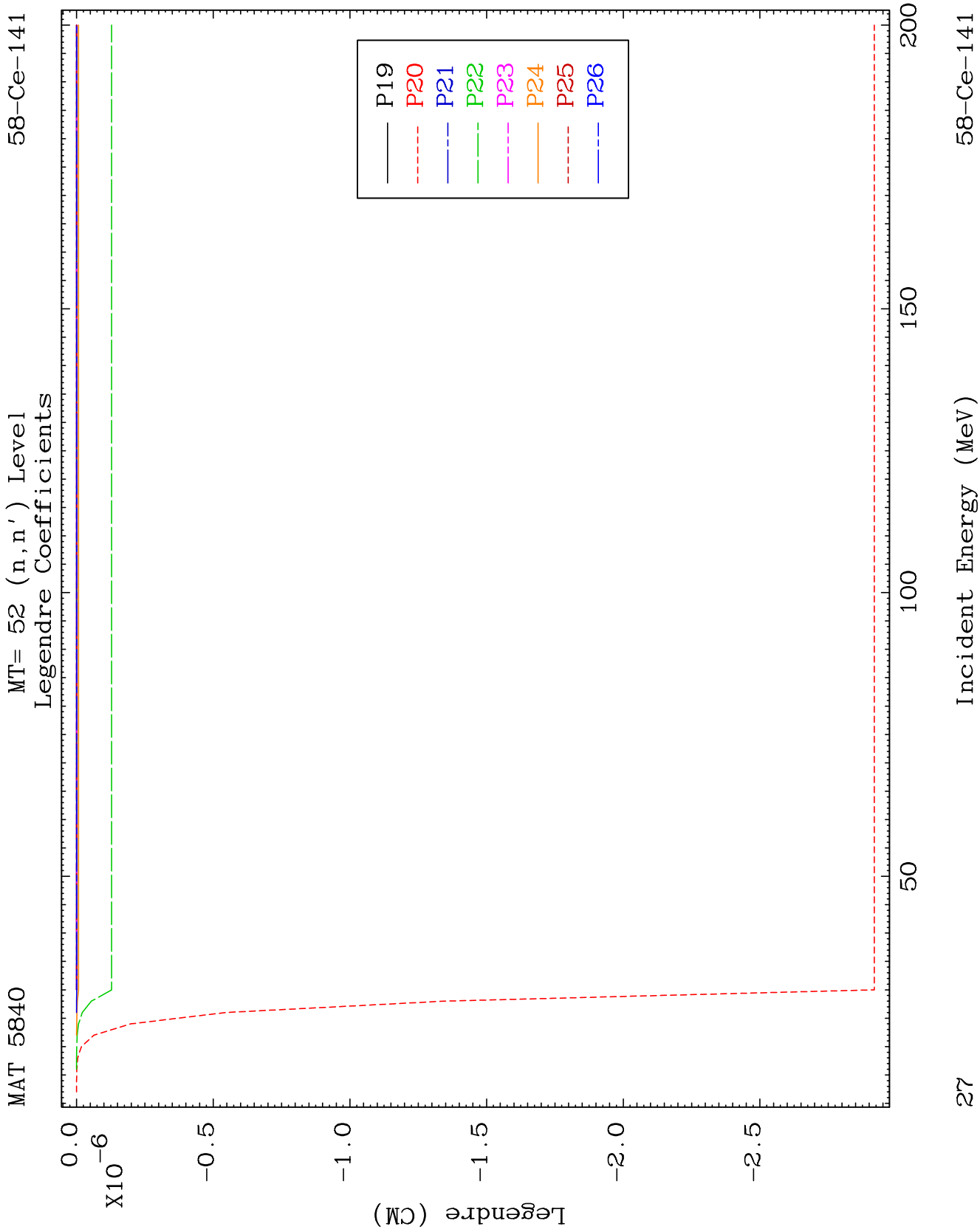
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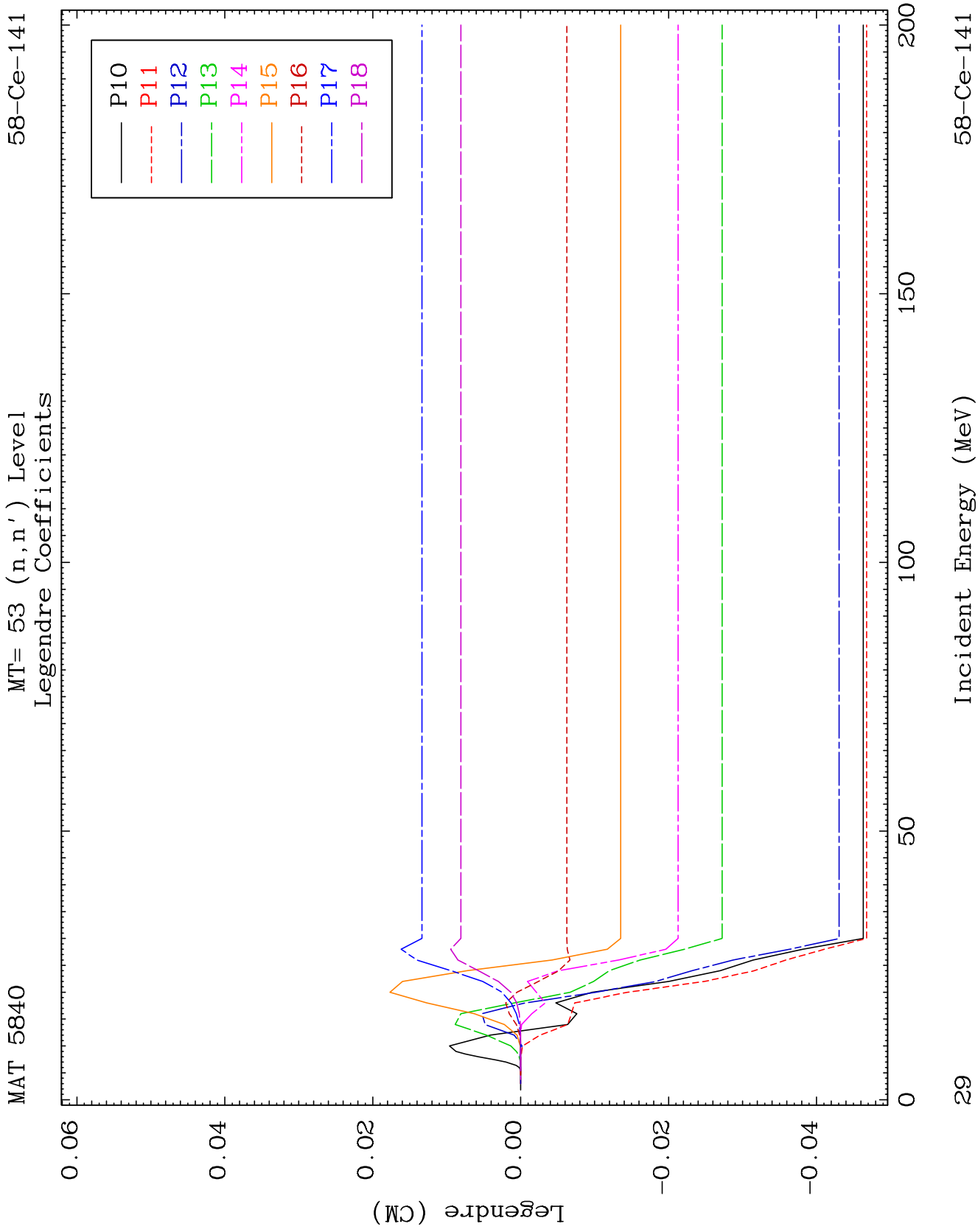
Incident Energy (MeV)

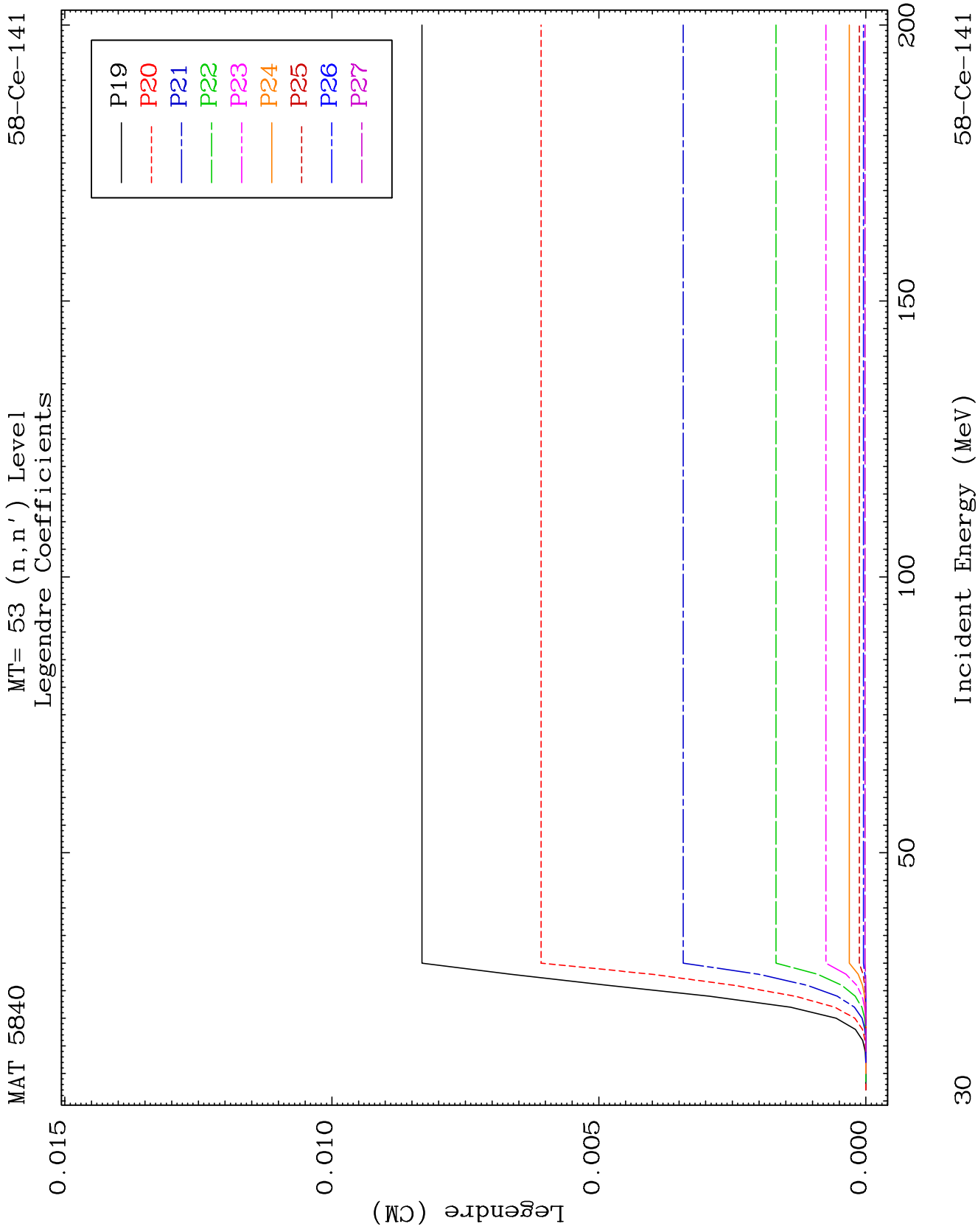
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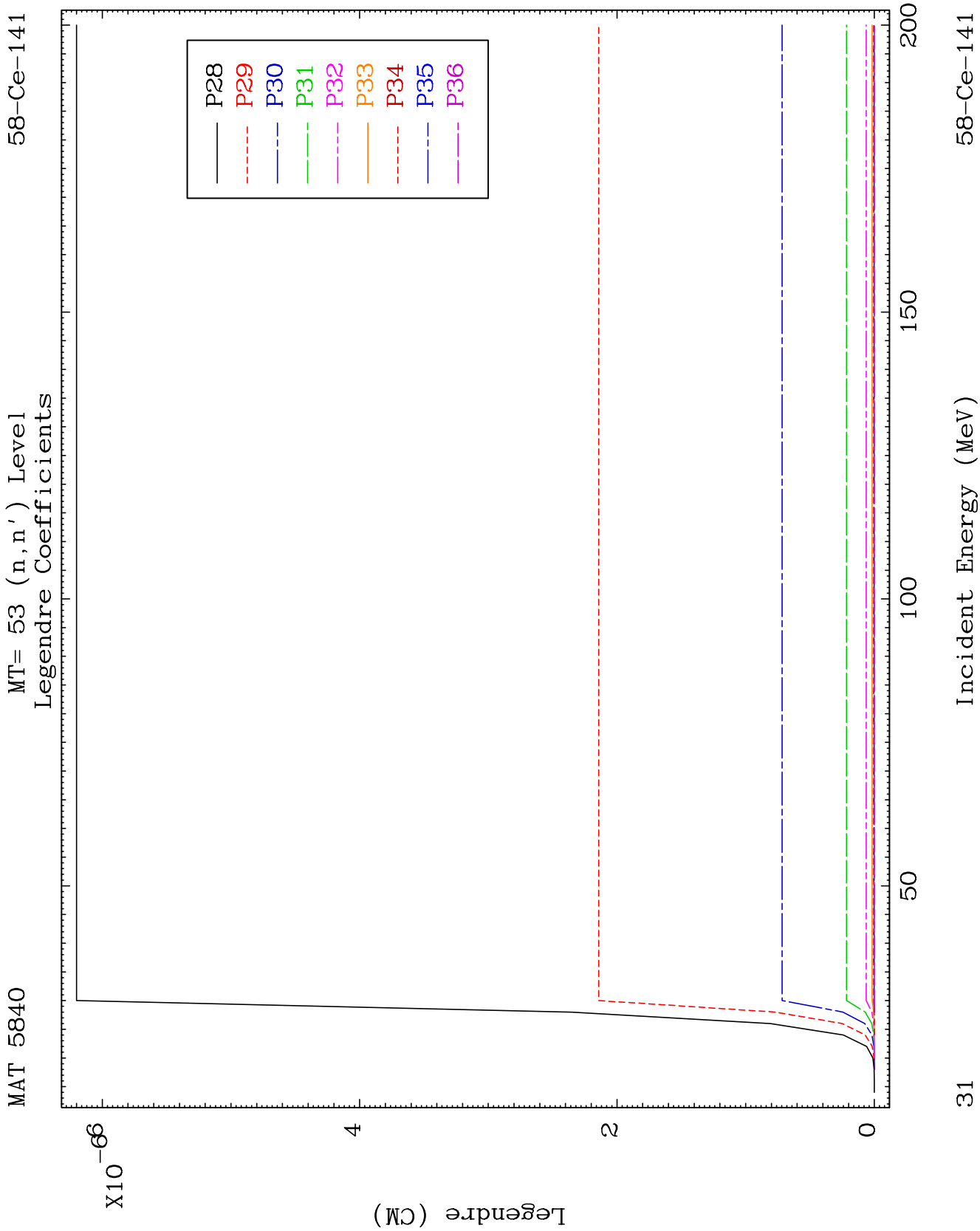








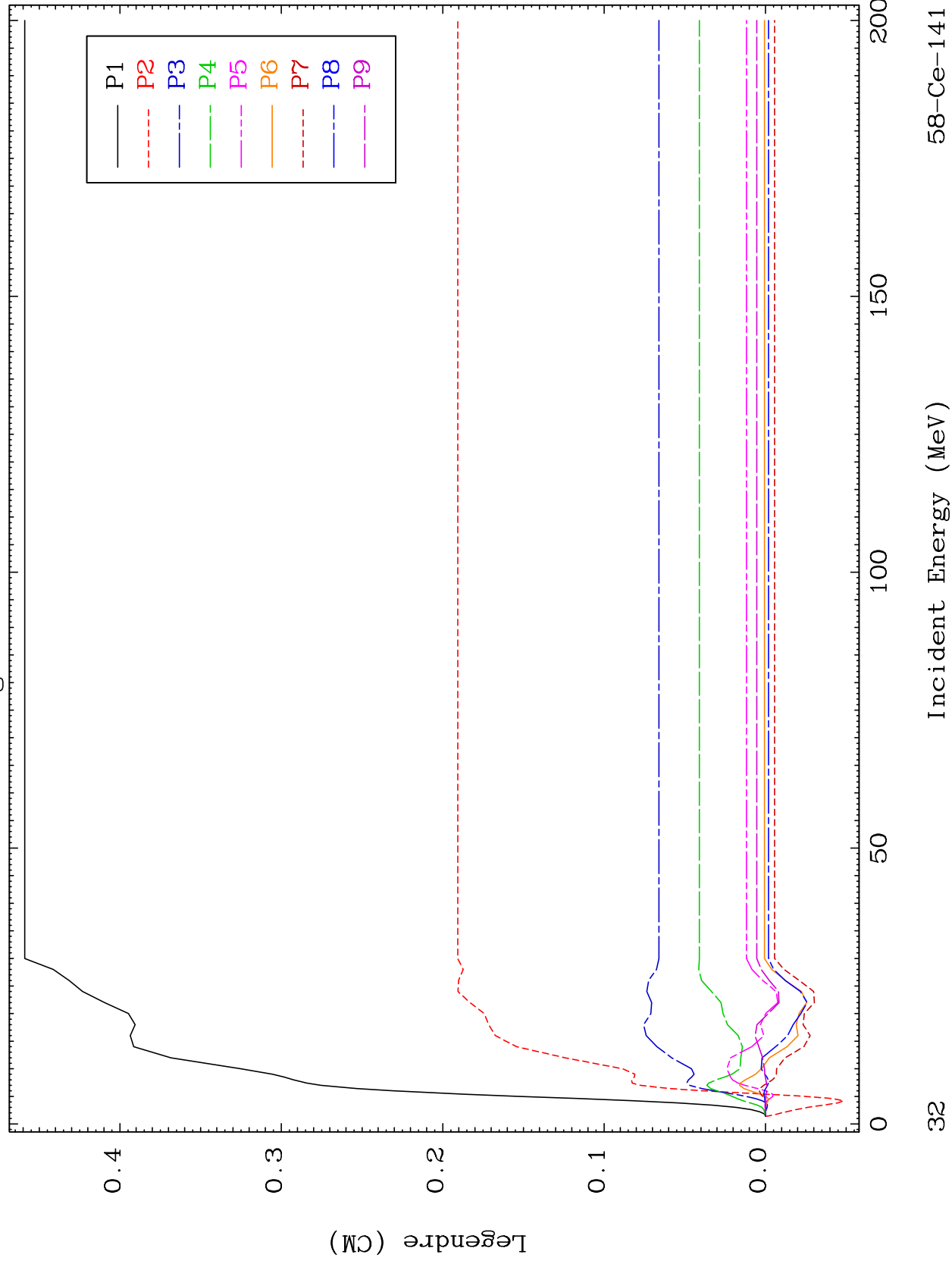


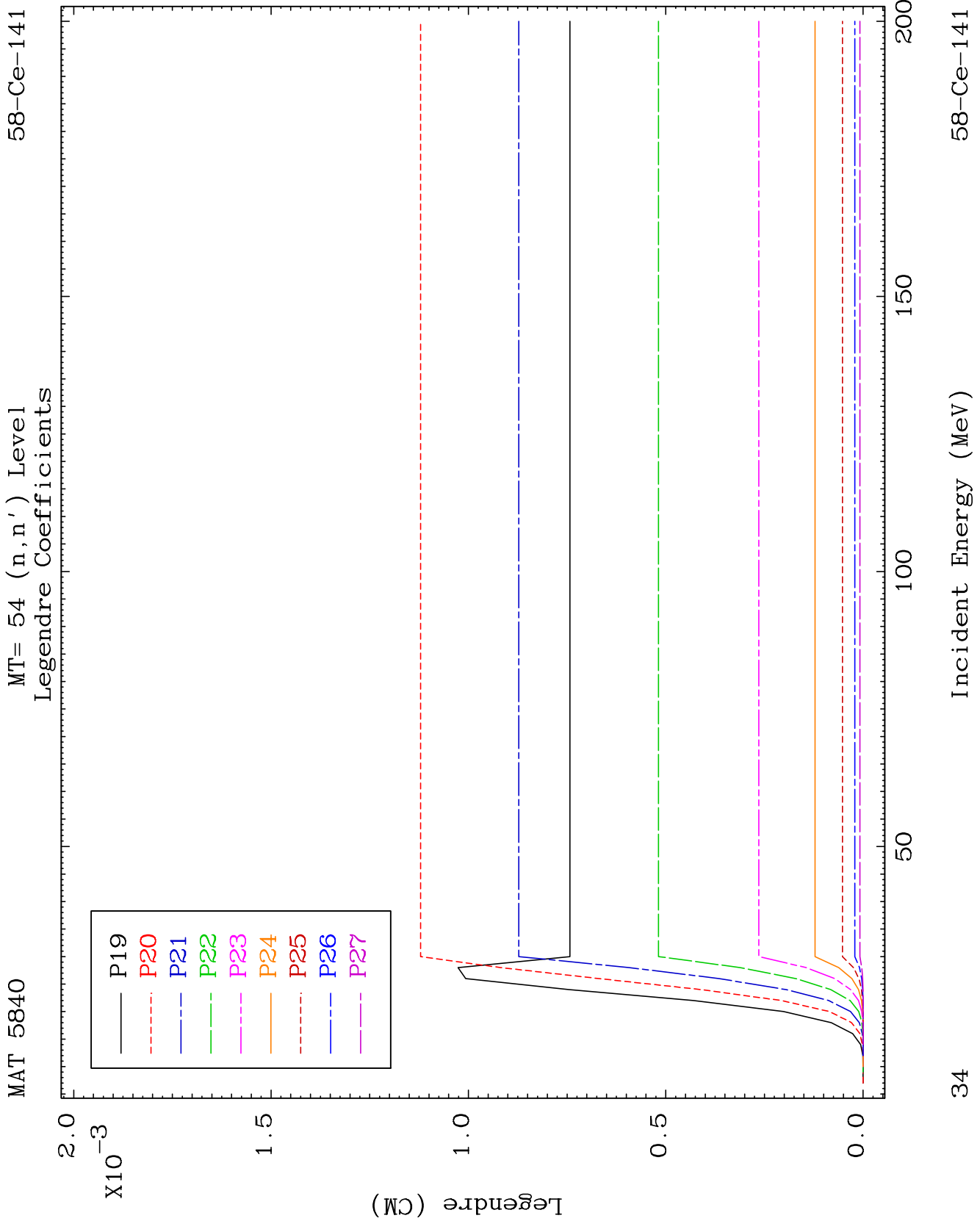


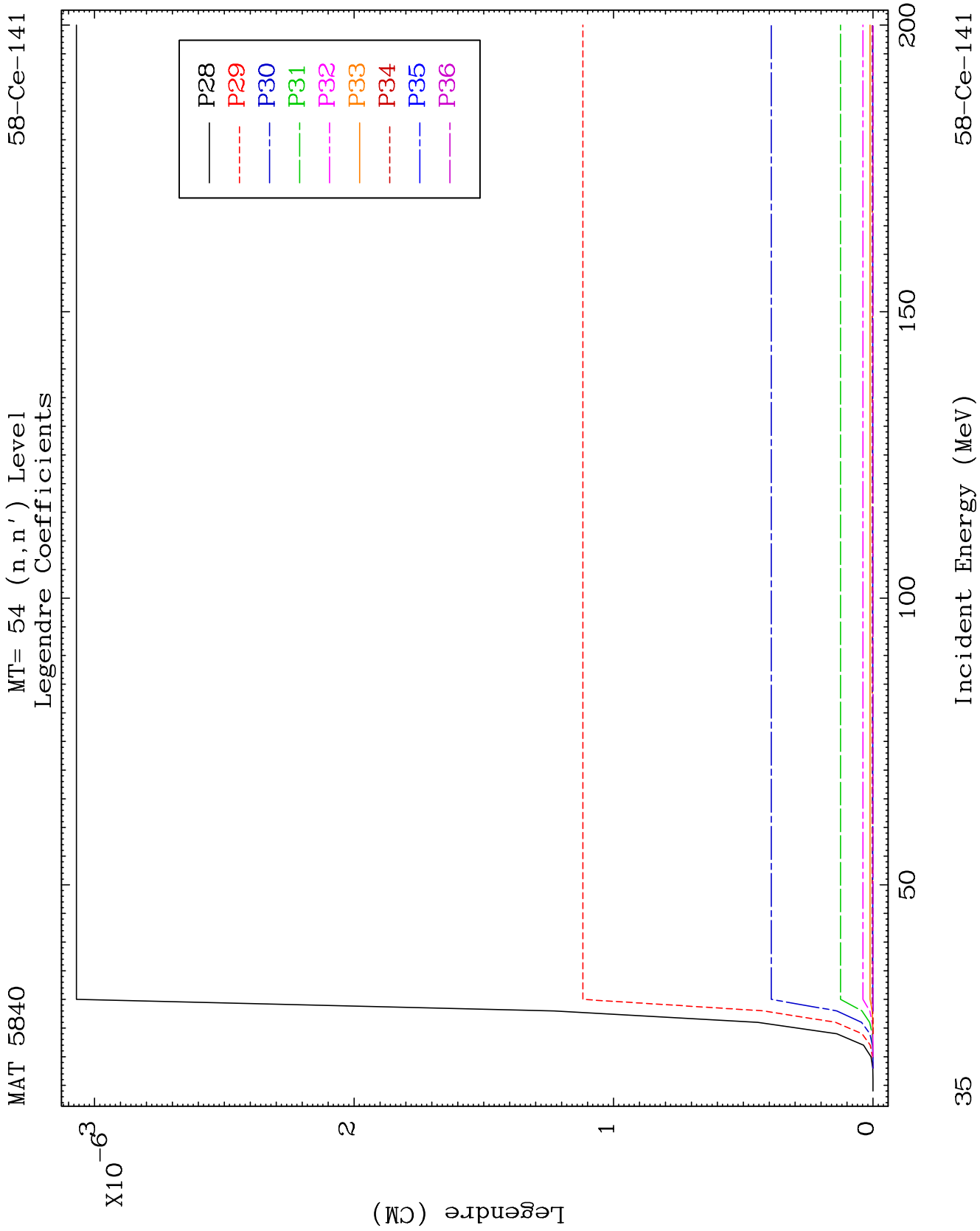
MAT 5840

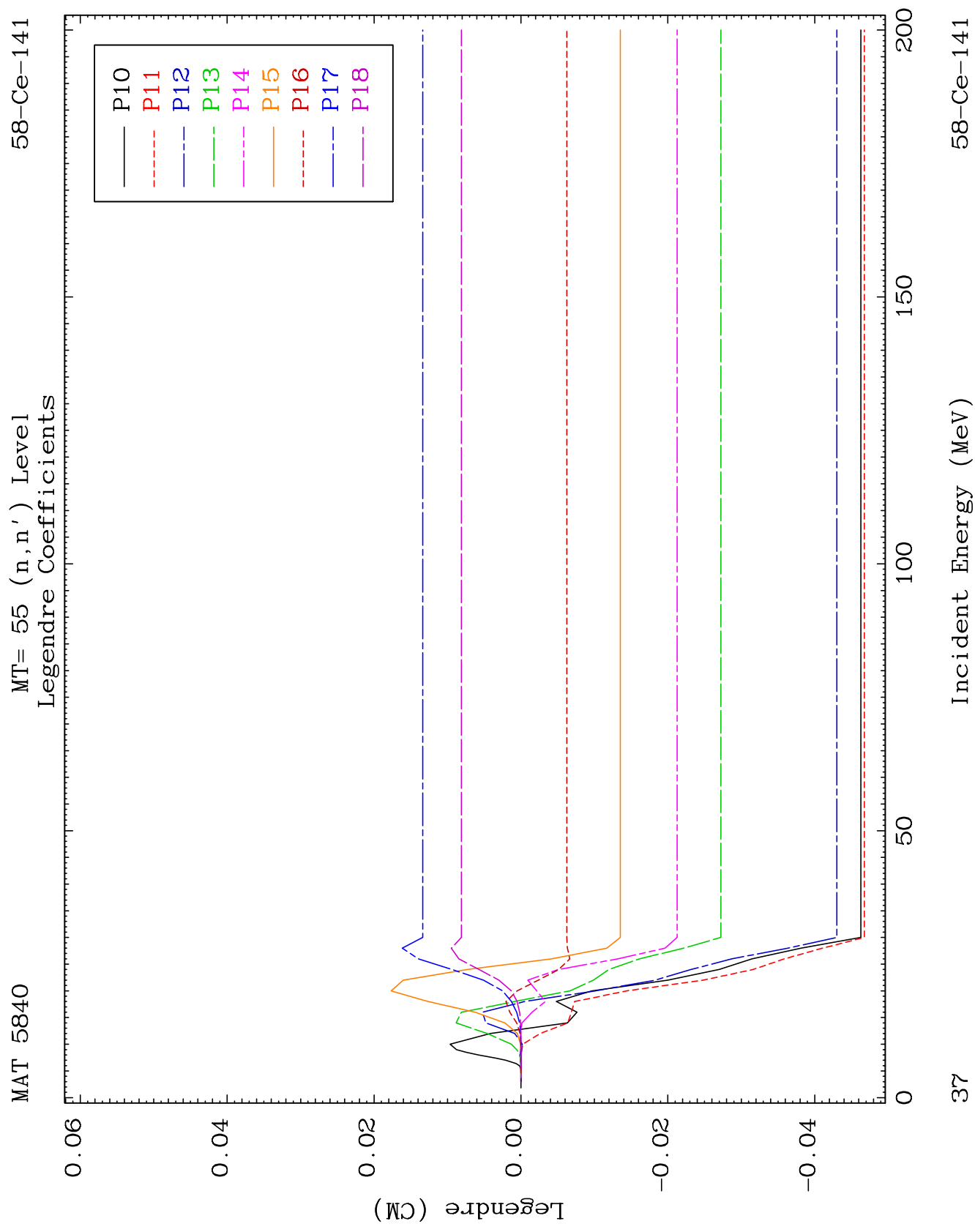
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Legendre Coefficients

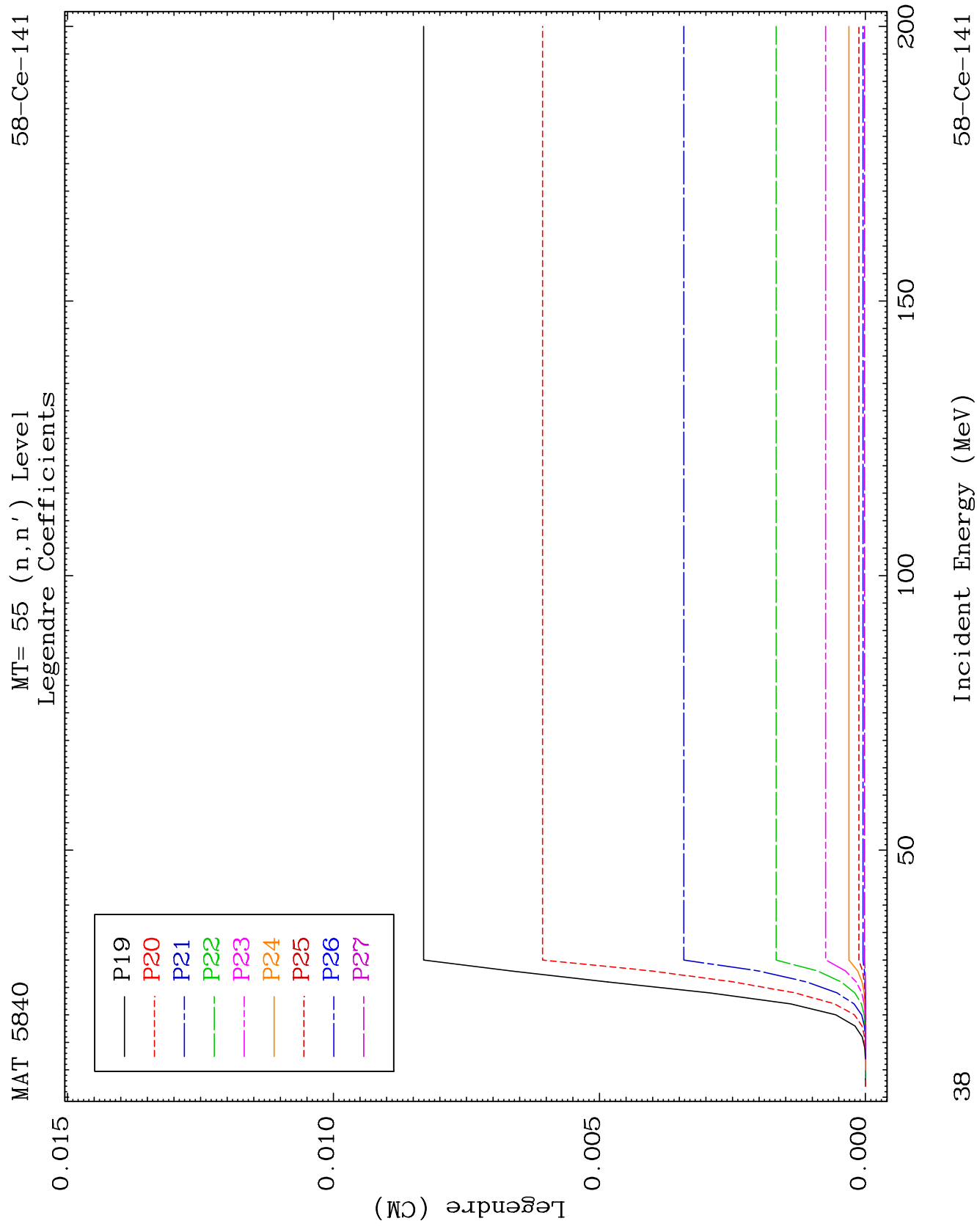
58-Ce-141

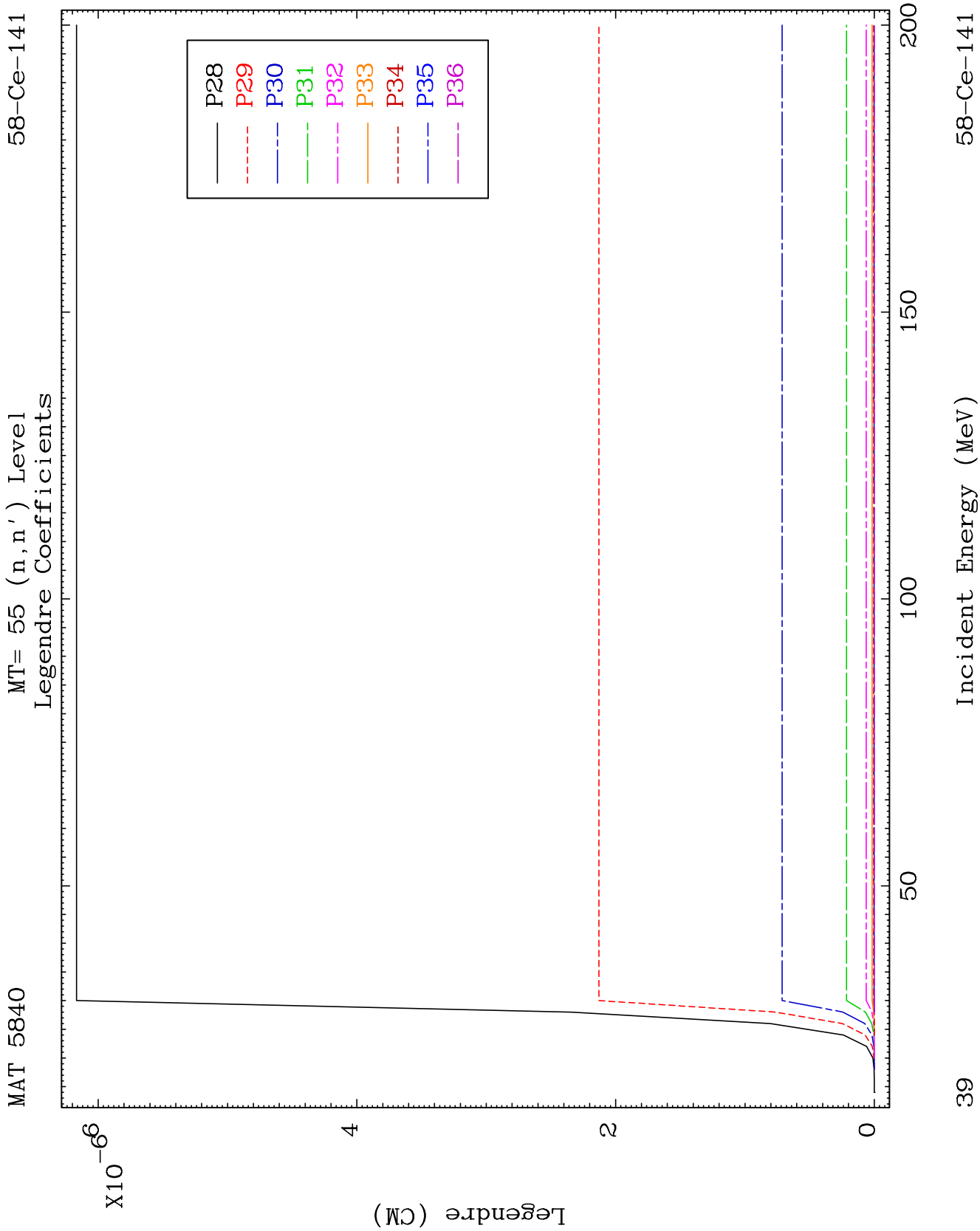


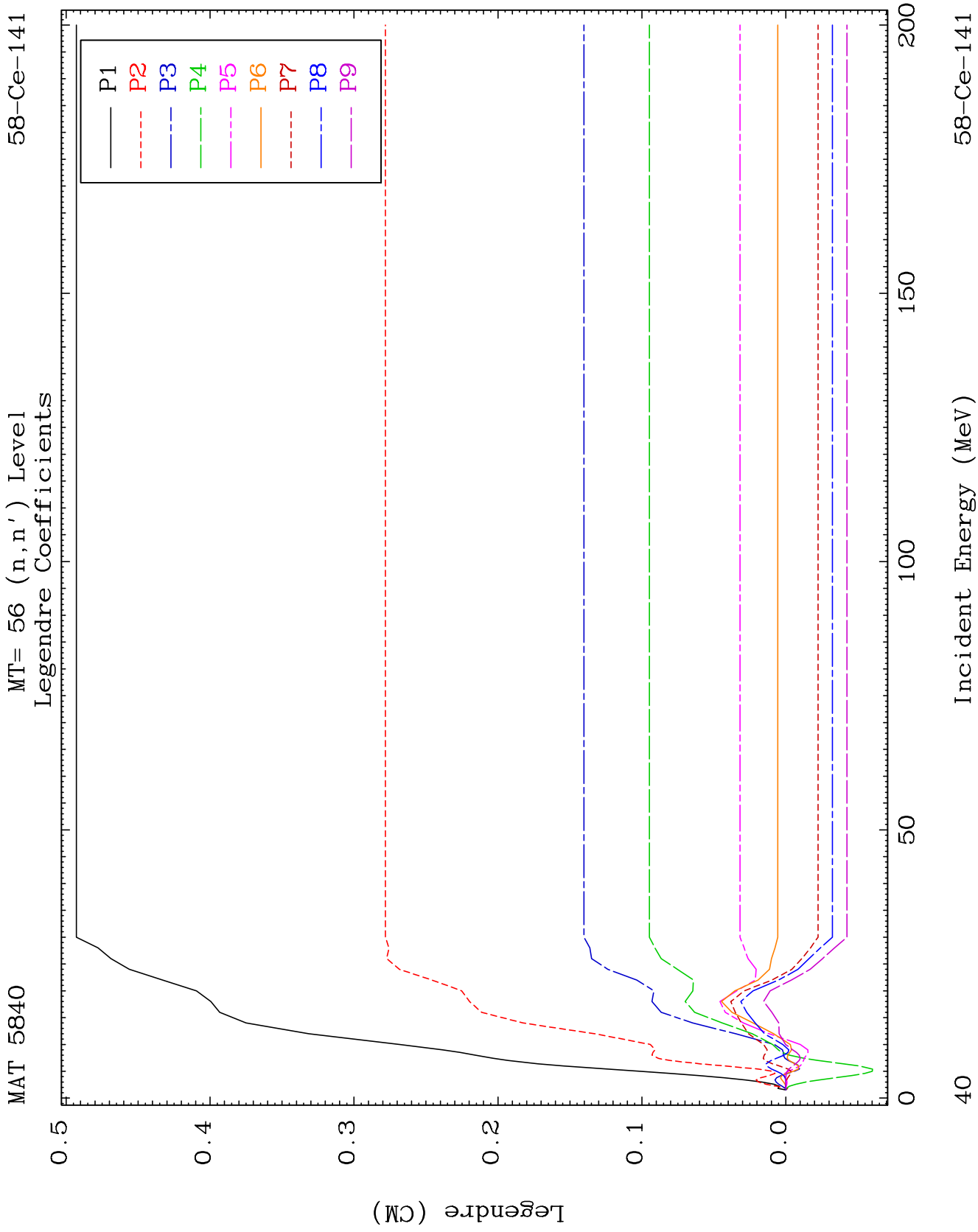


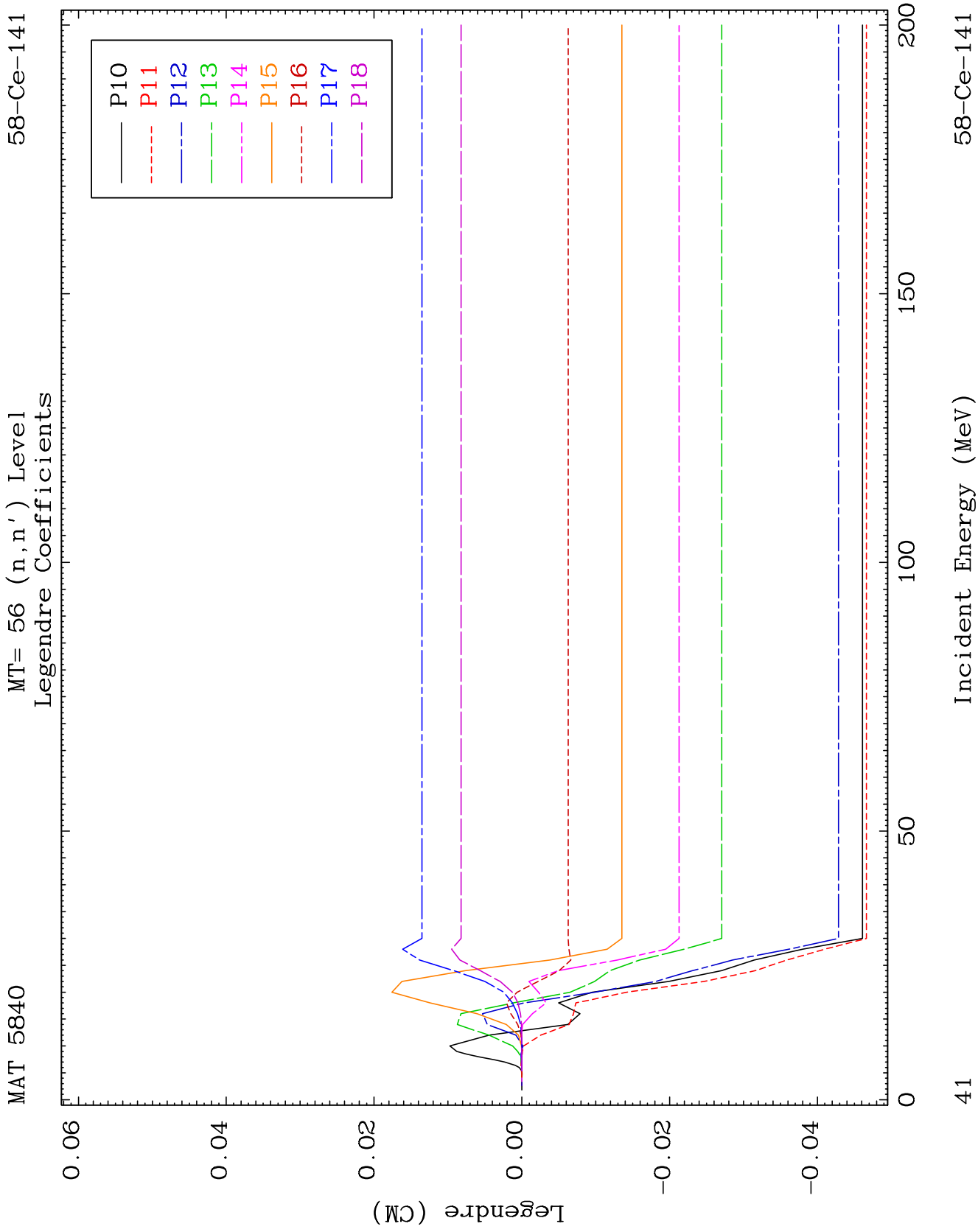


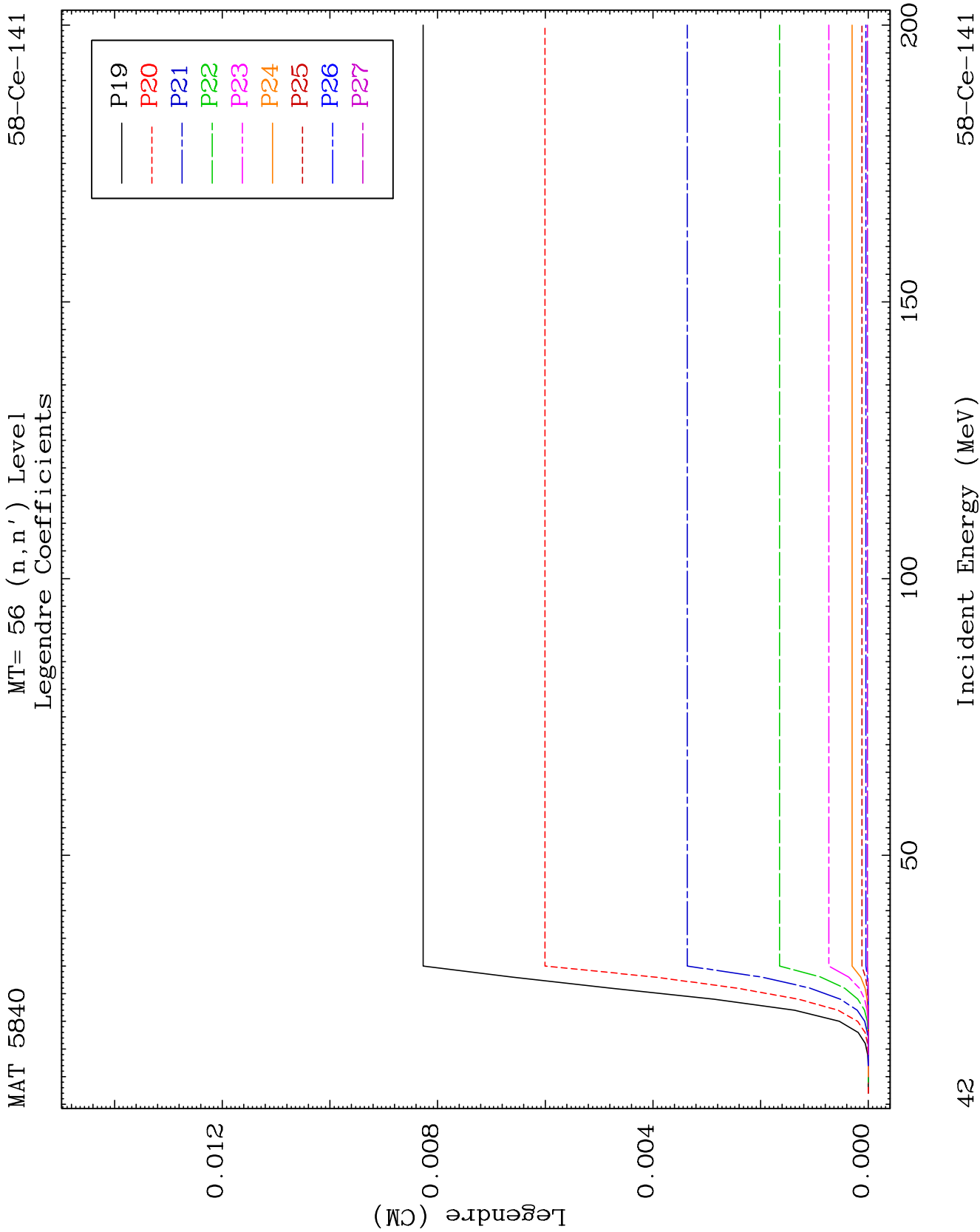


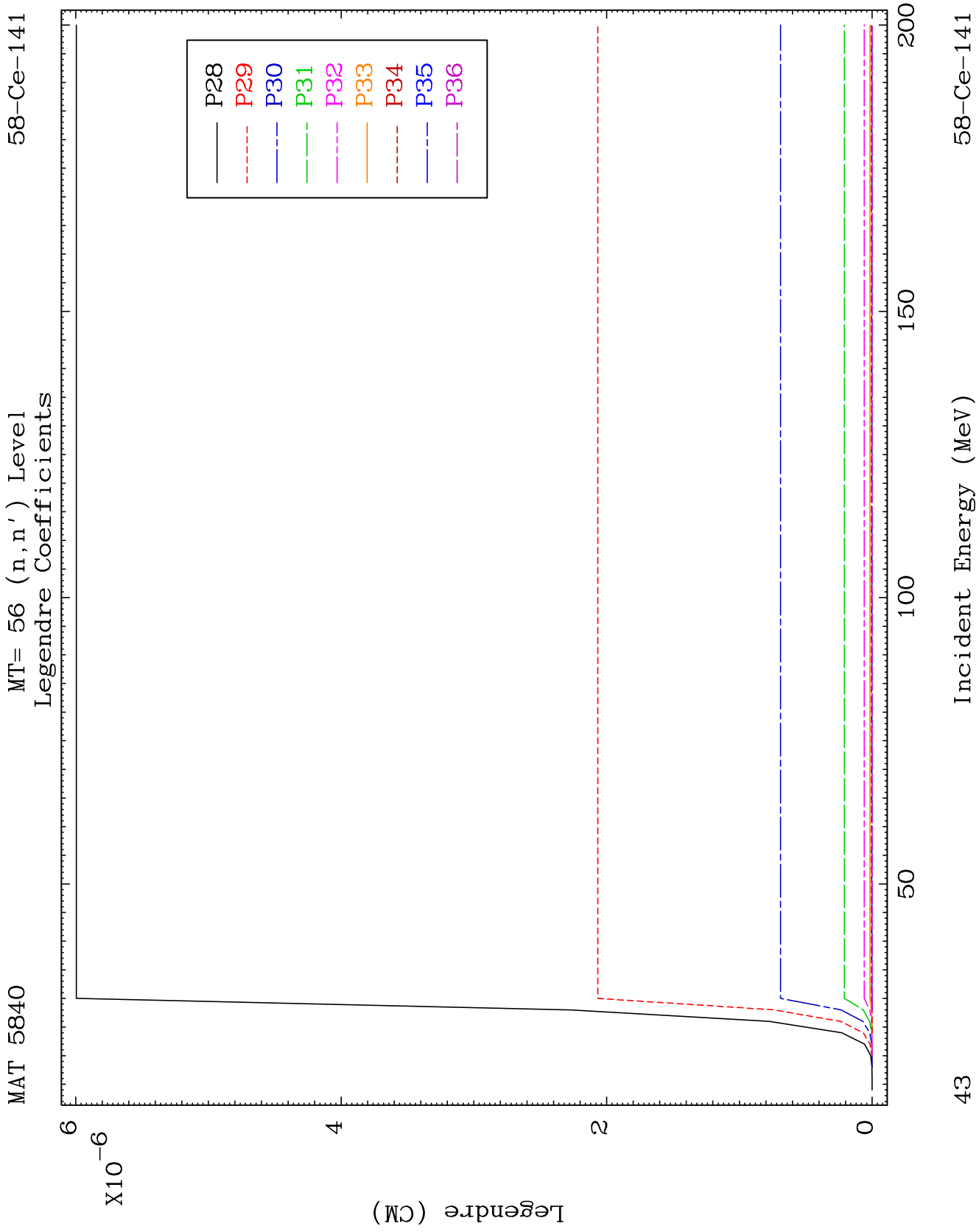


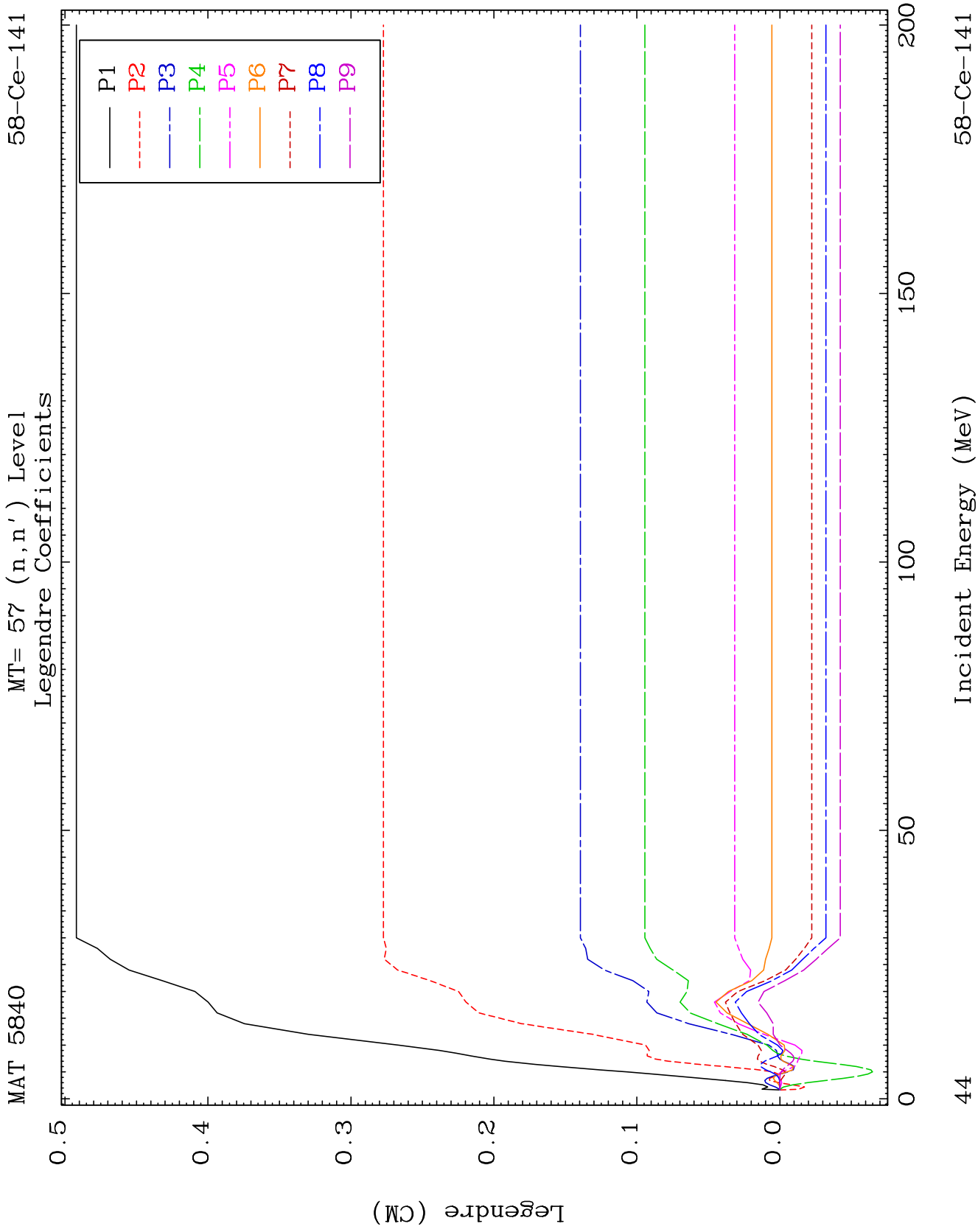


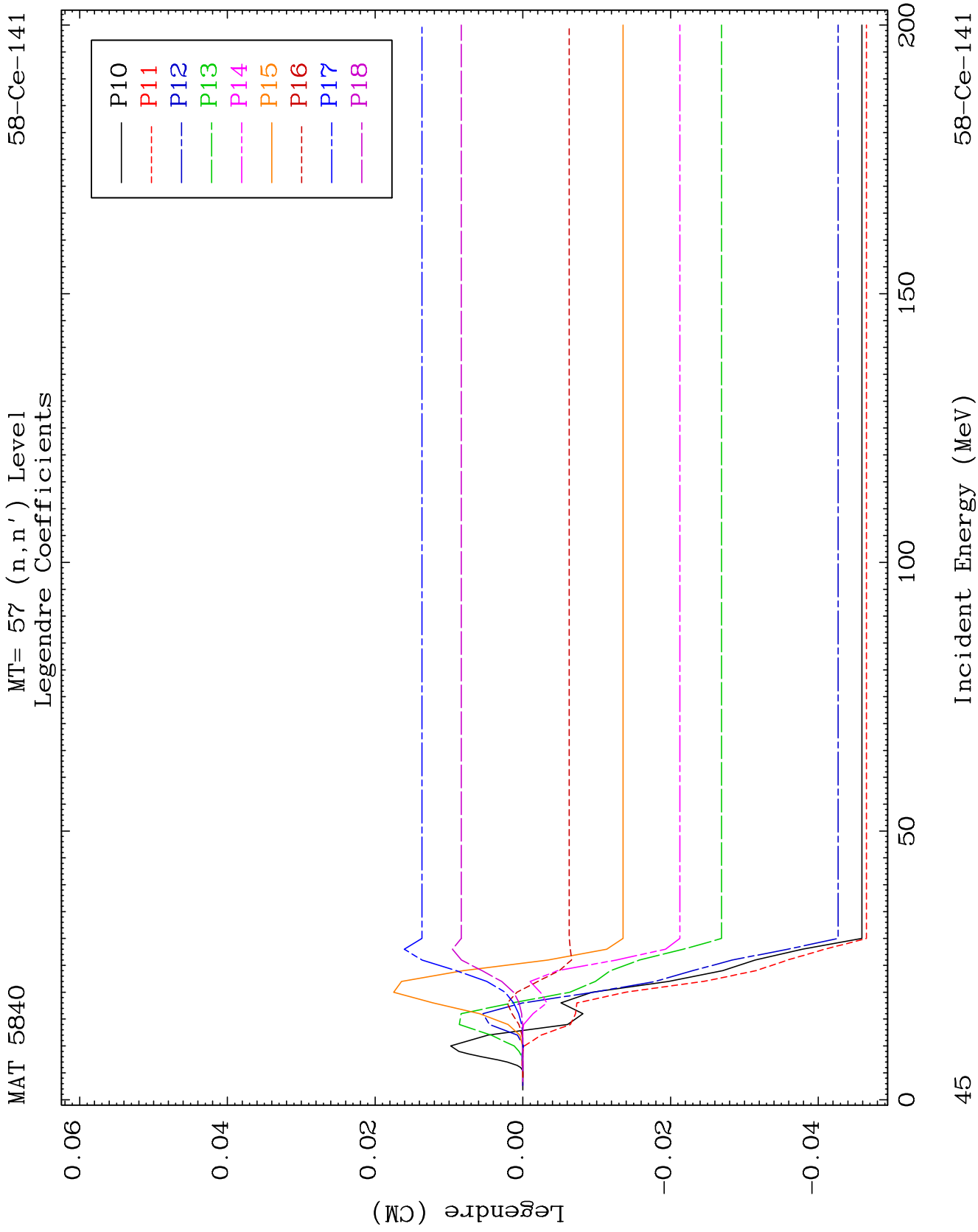








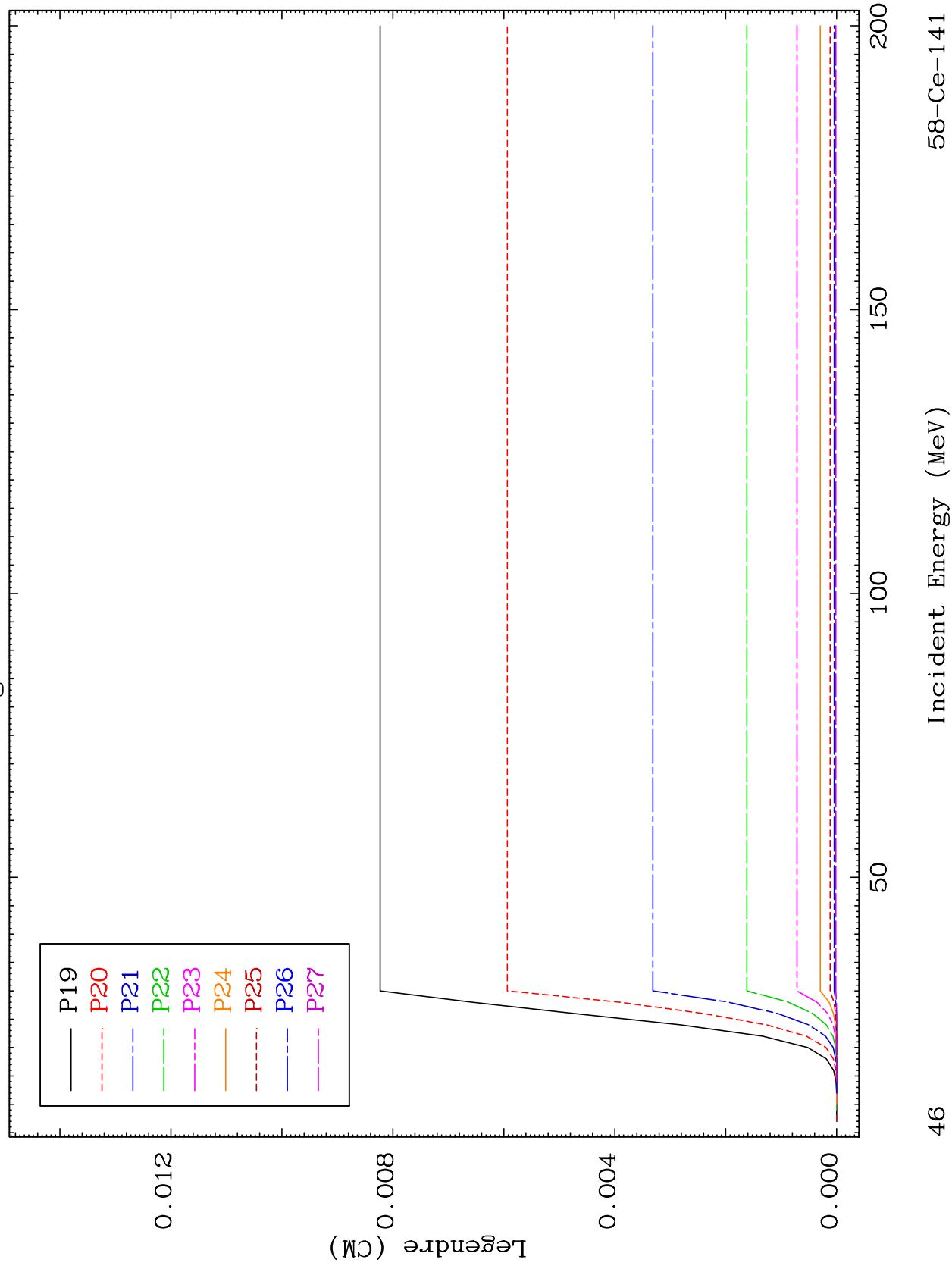


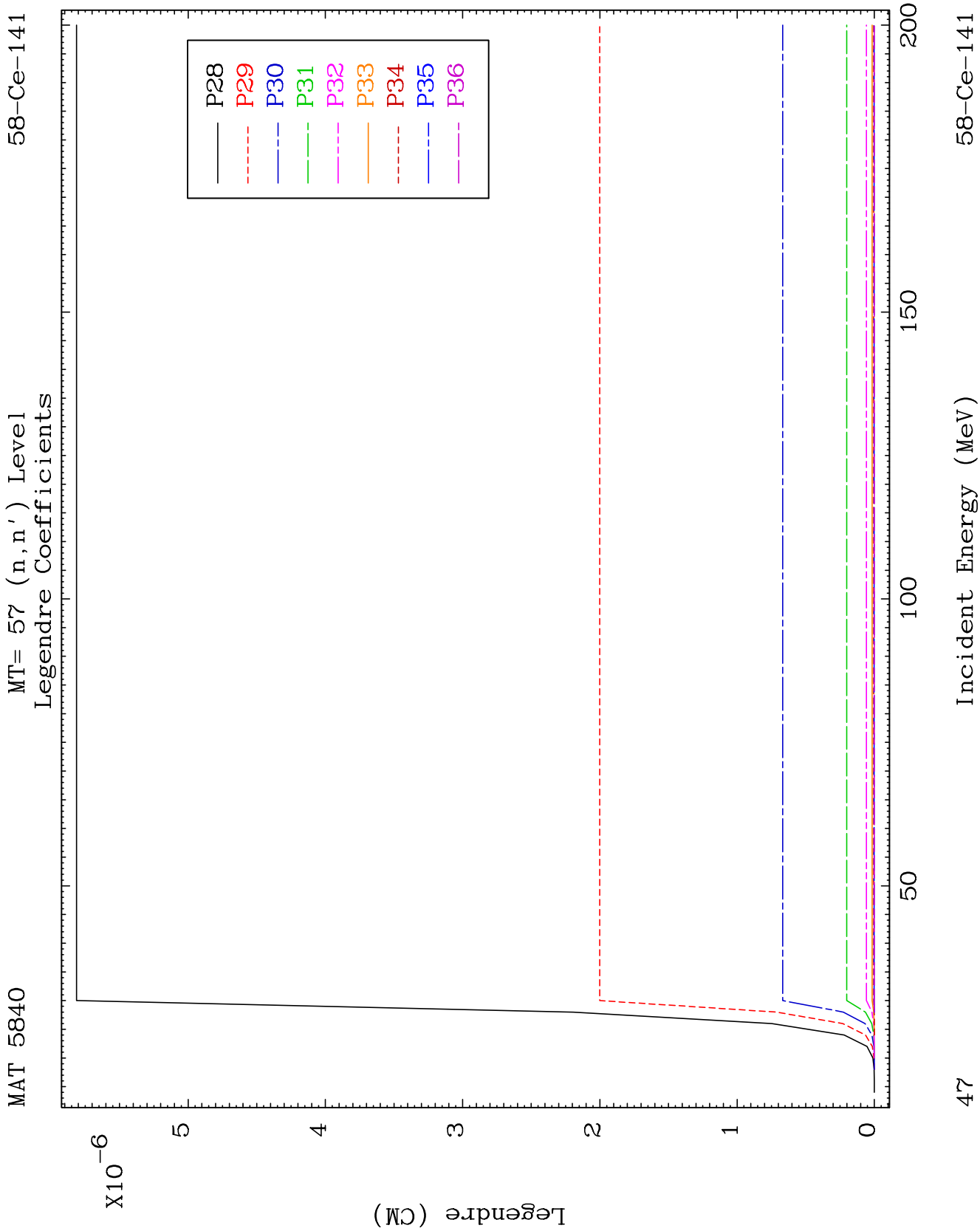


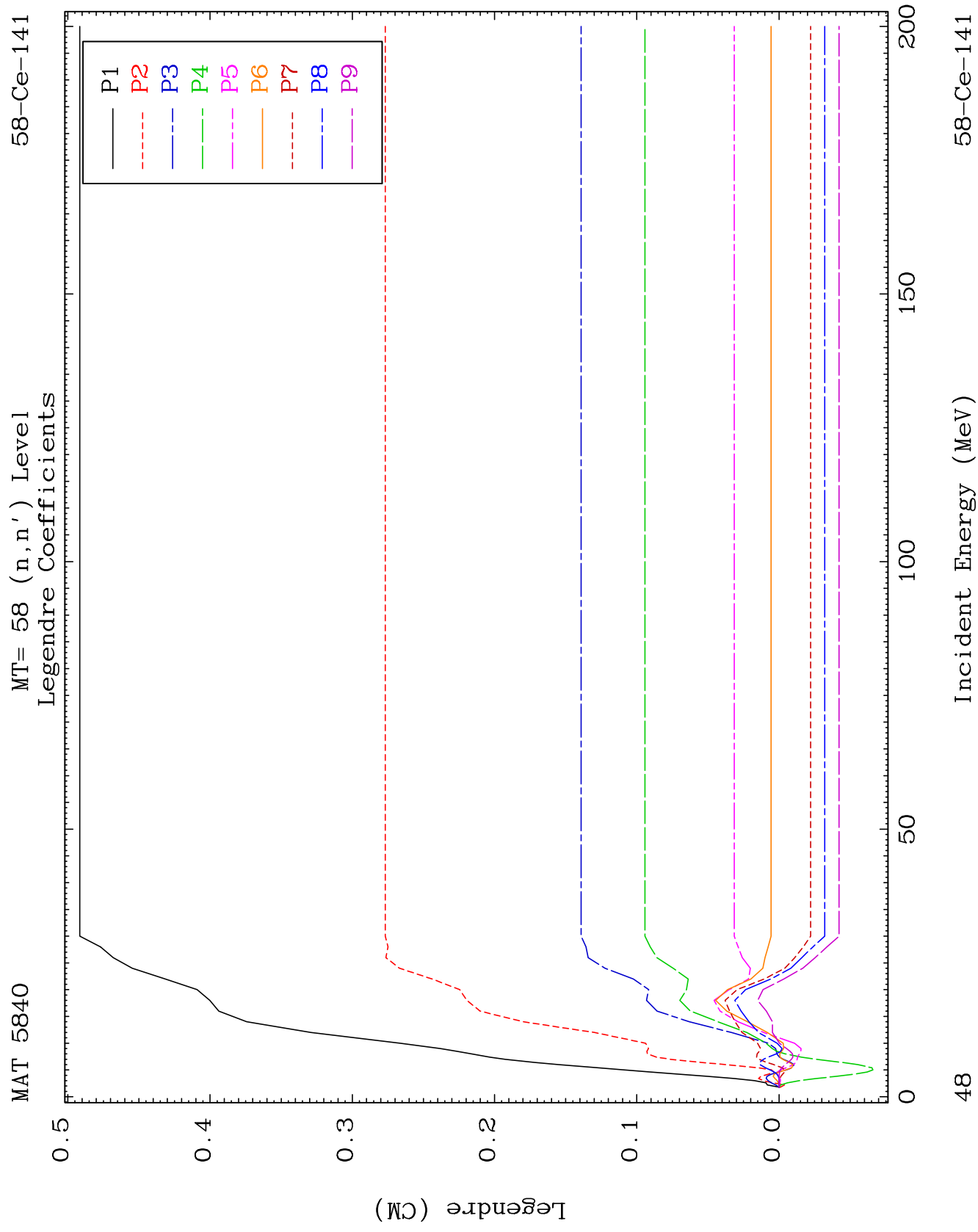
MAT 5840

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

58-Ce-141



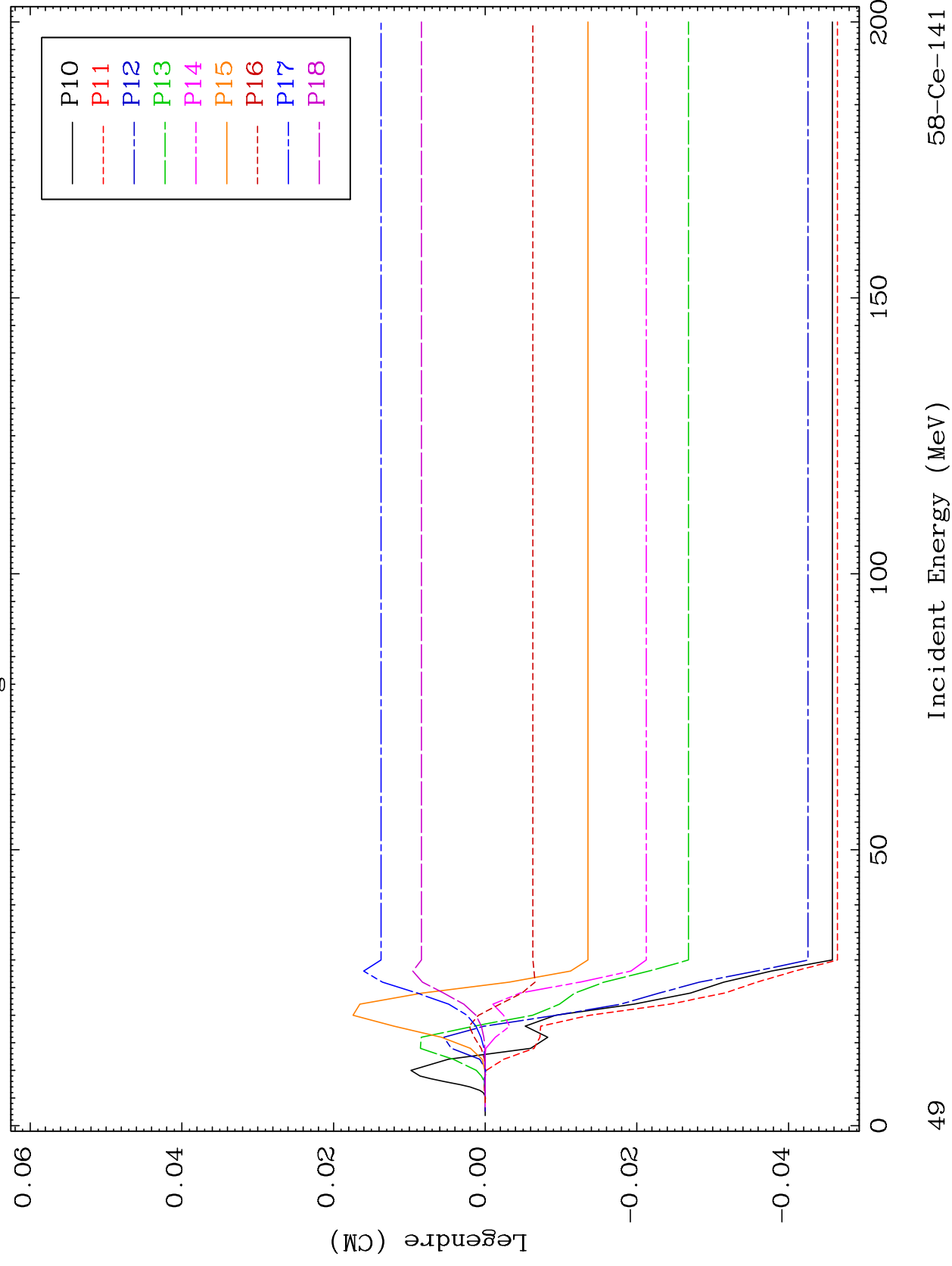




MAT 5840

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

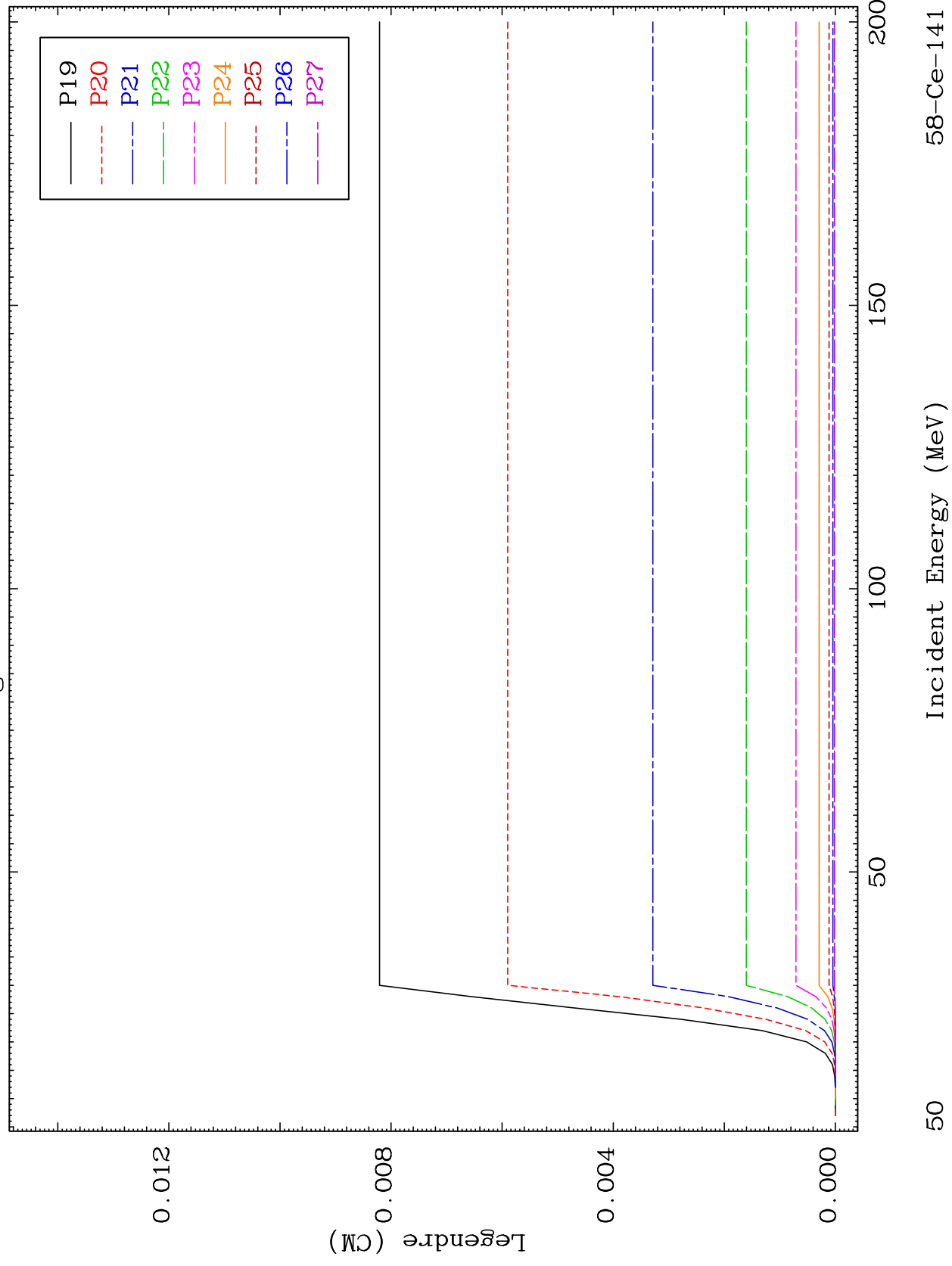
58-Ce-141

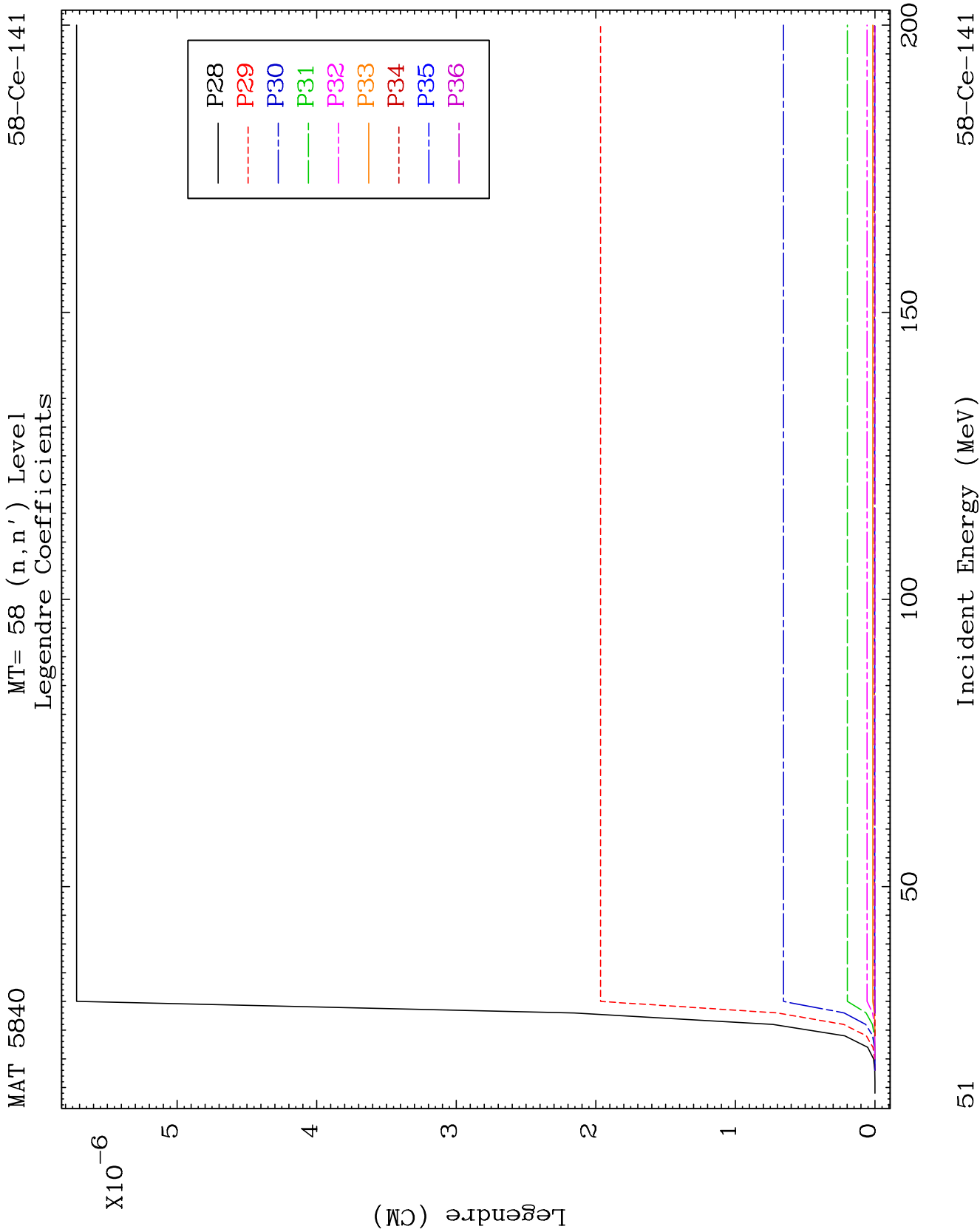


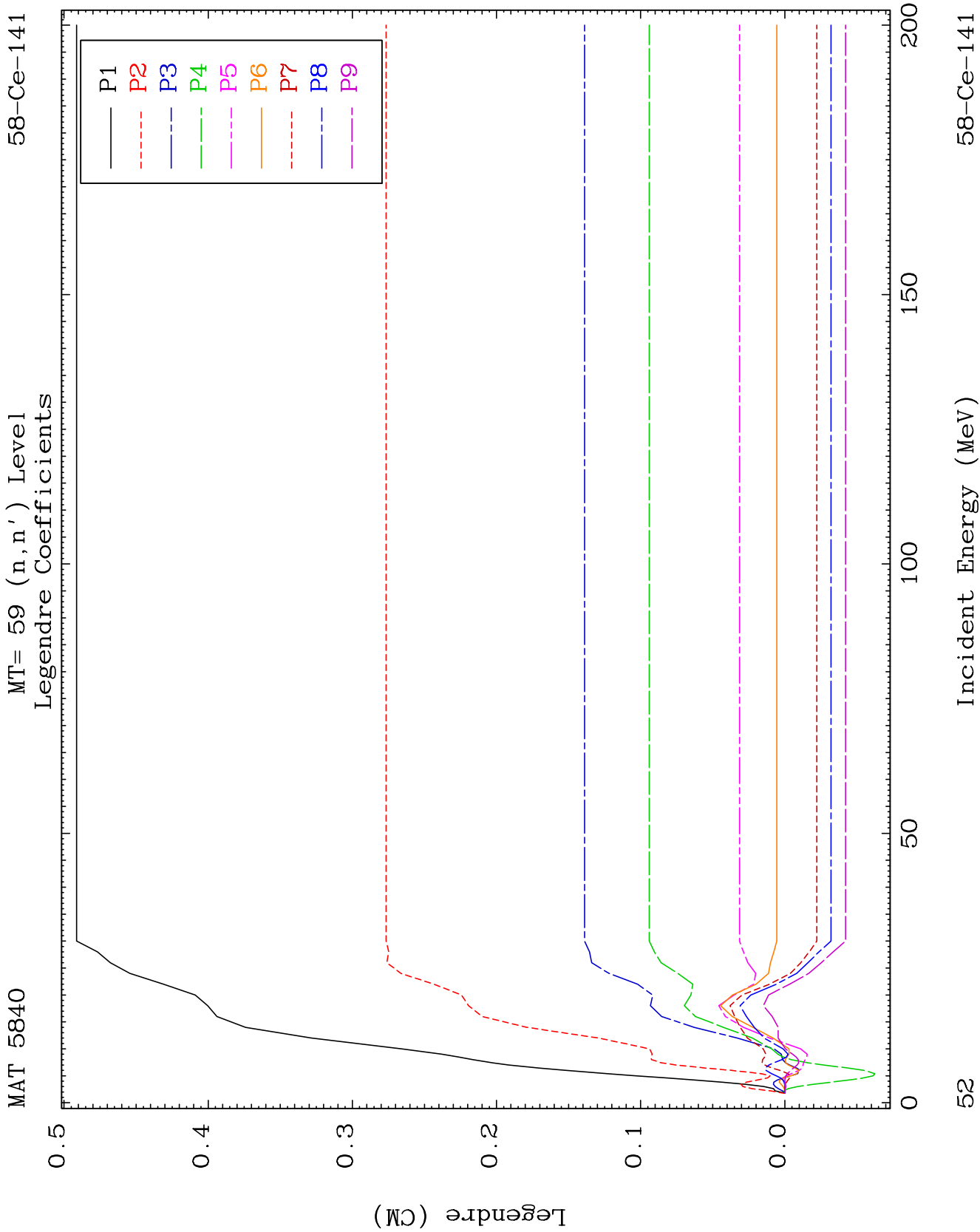
MAT 5840

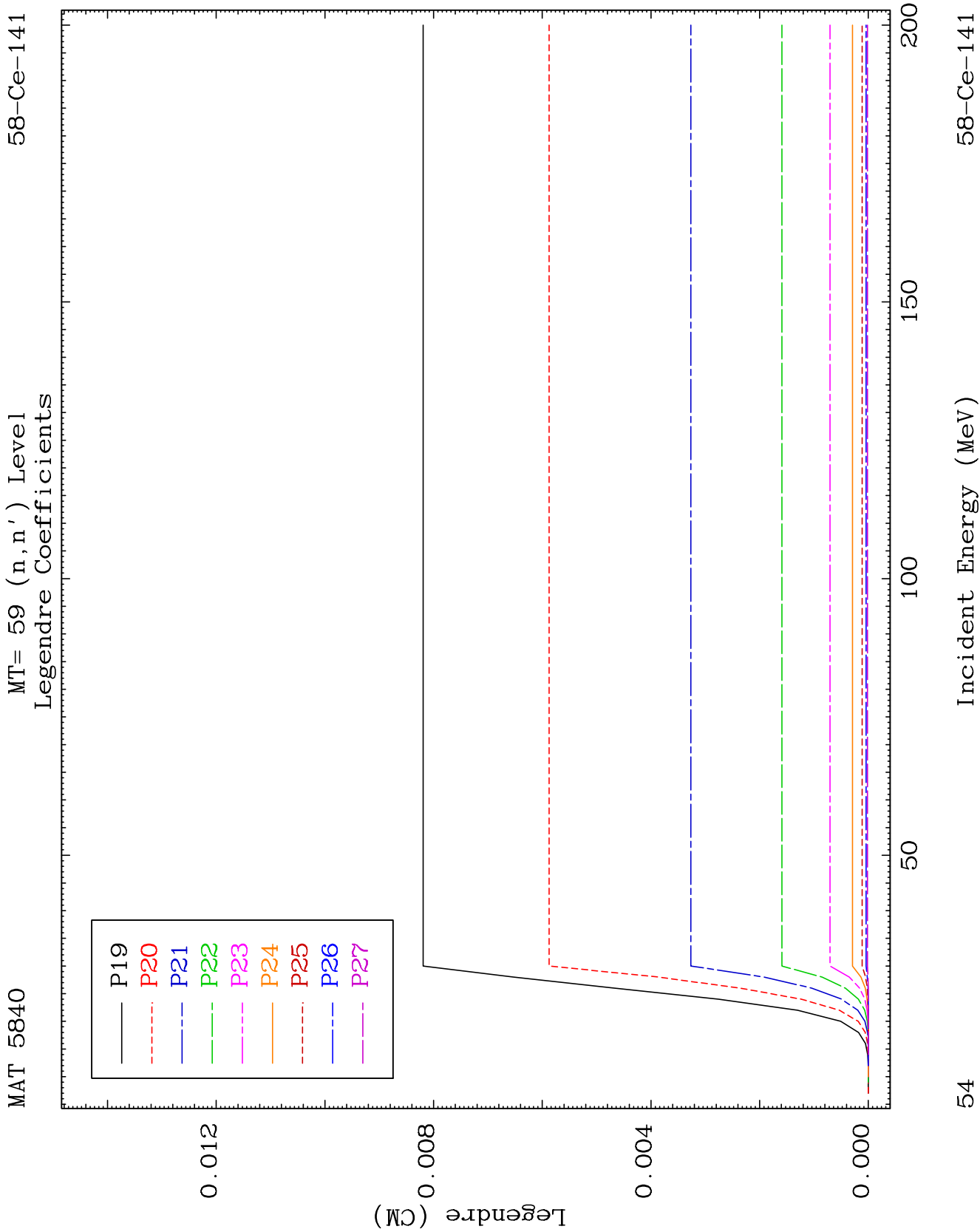
MT= 58 (n, n') Level
Legendre Coefficients

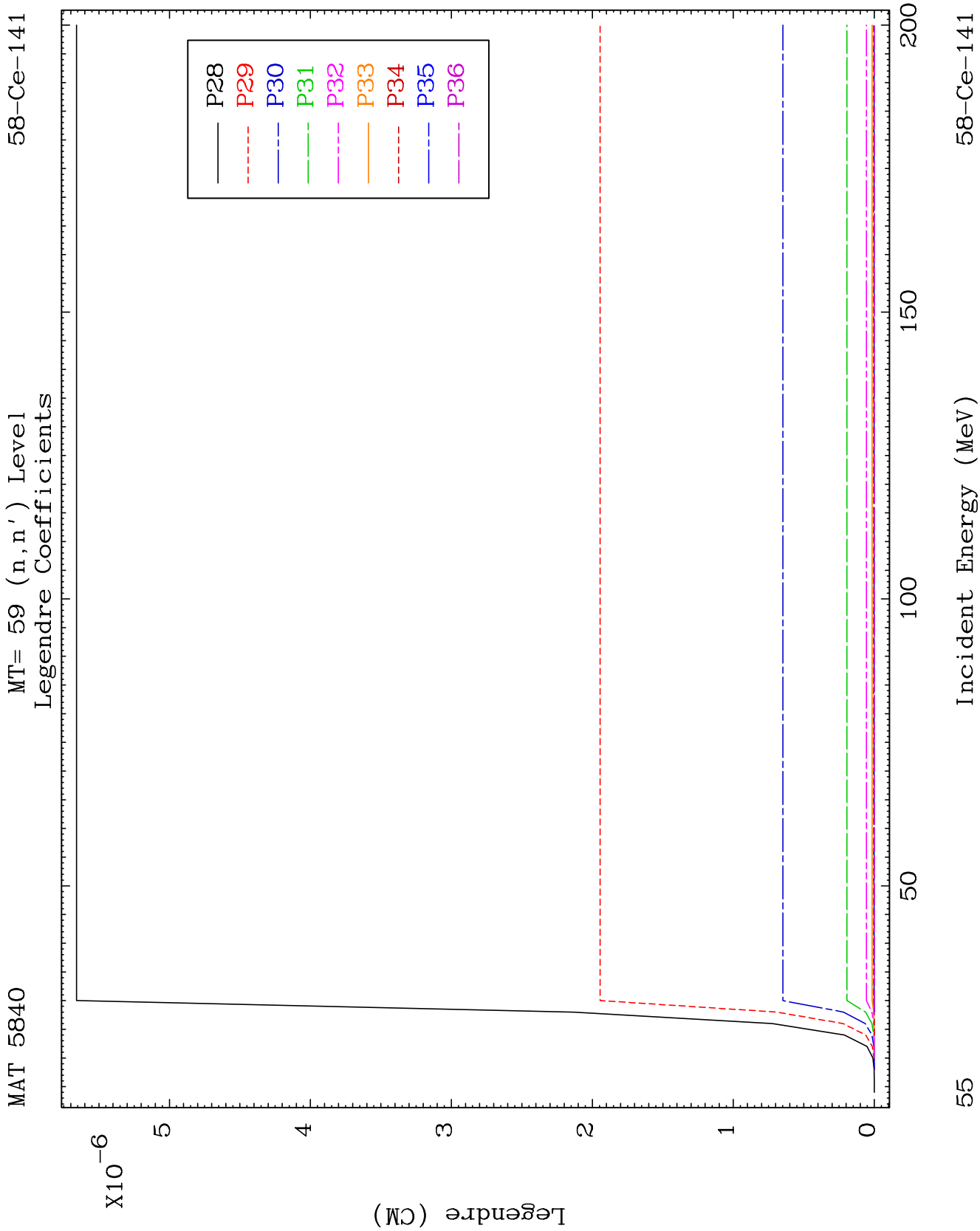
58-Ce-141

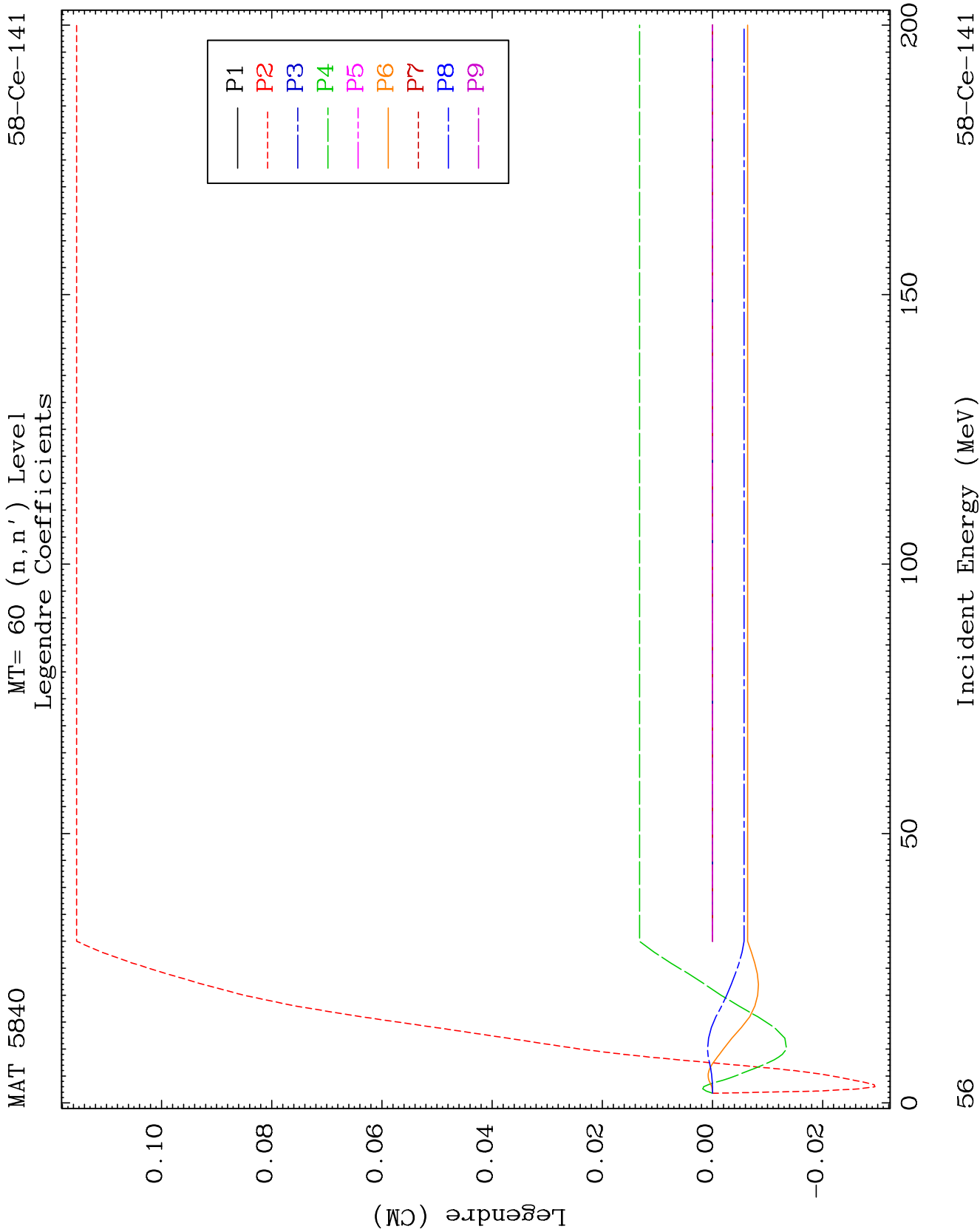


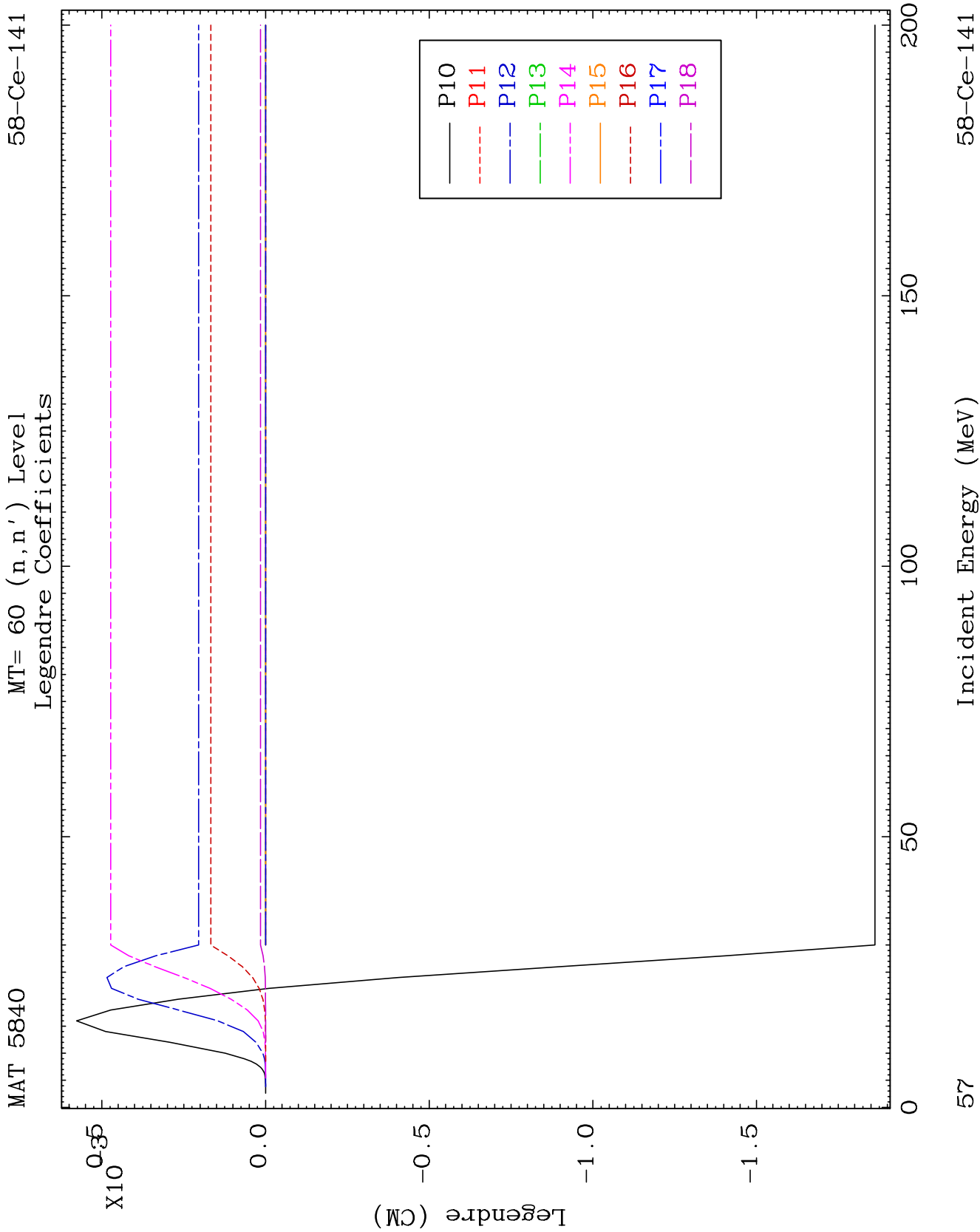


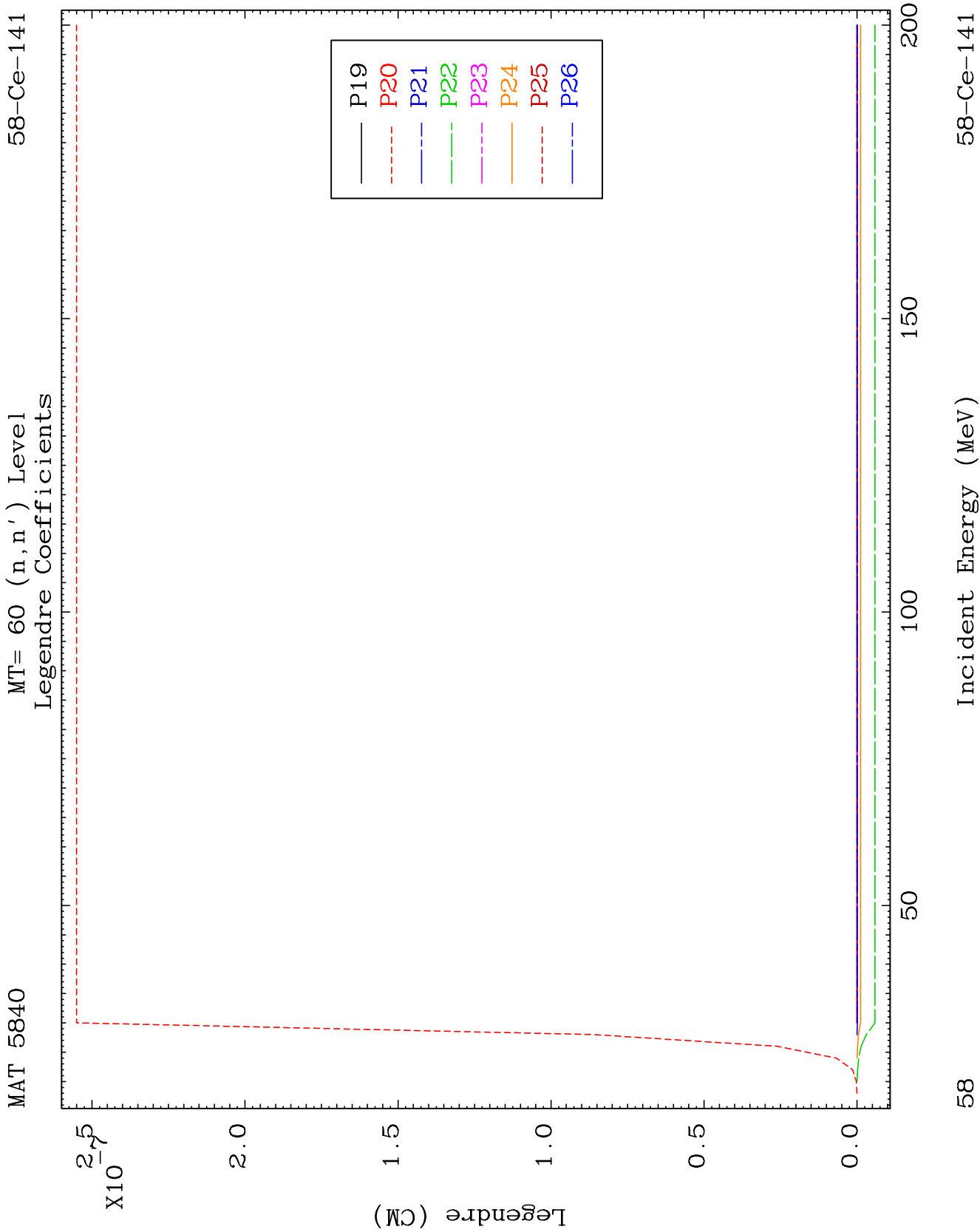


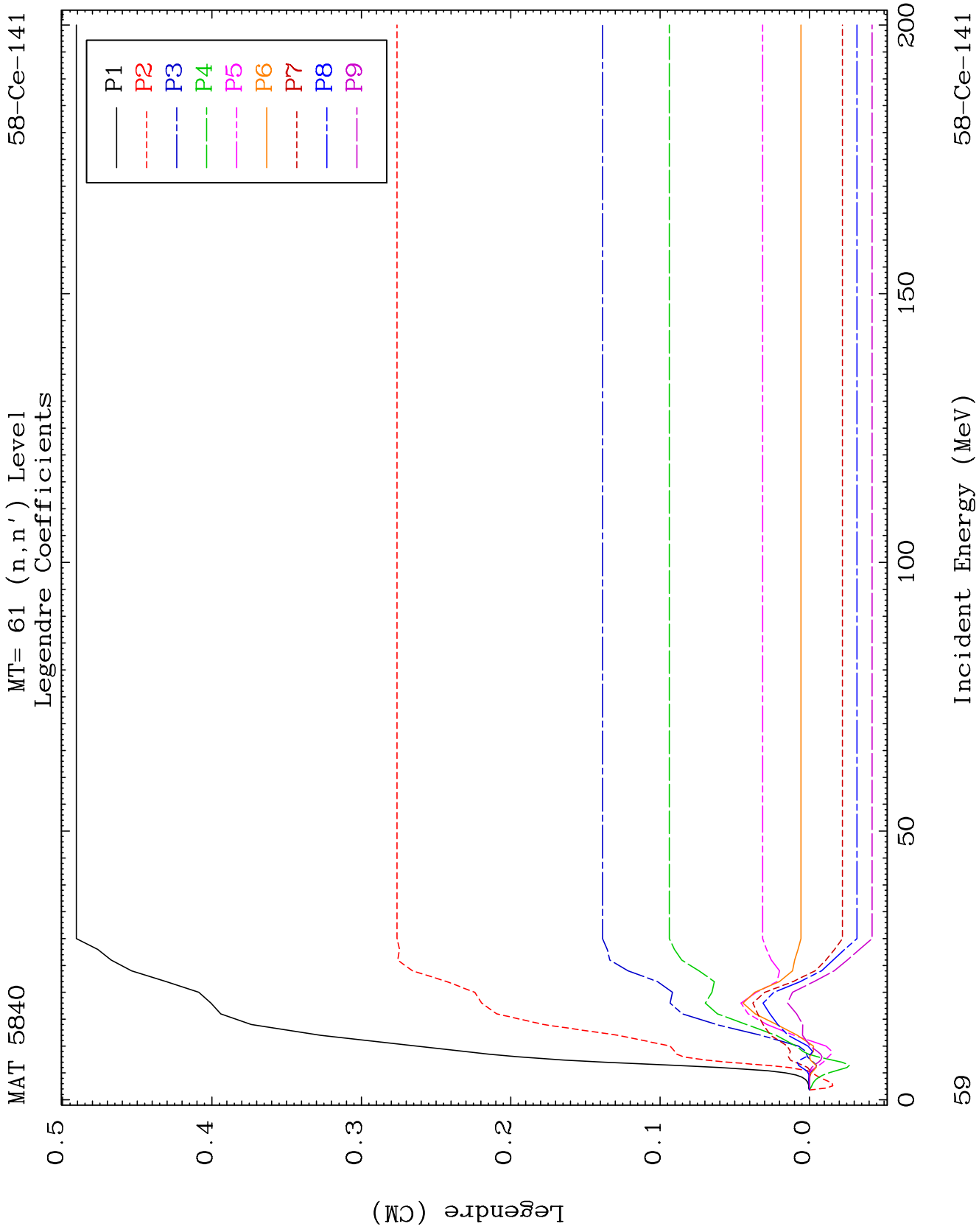








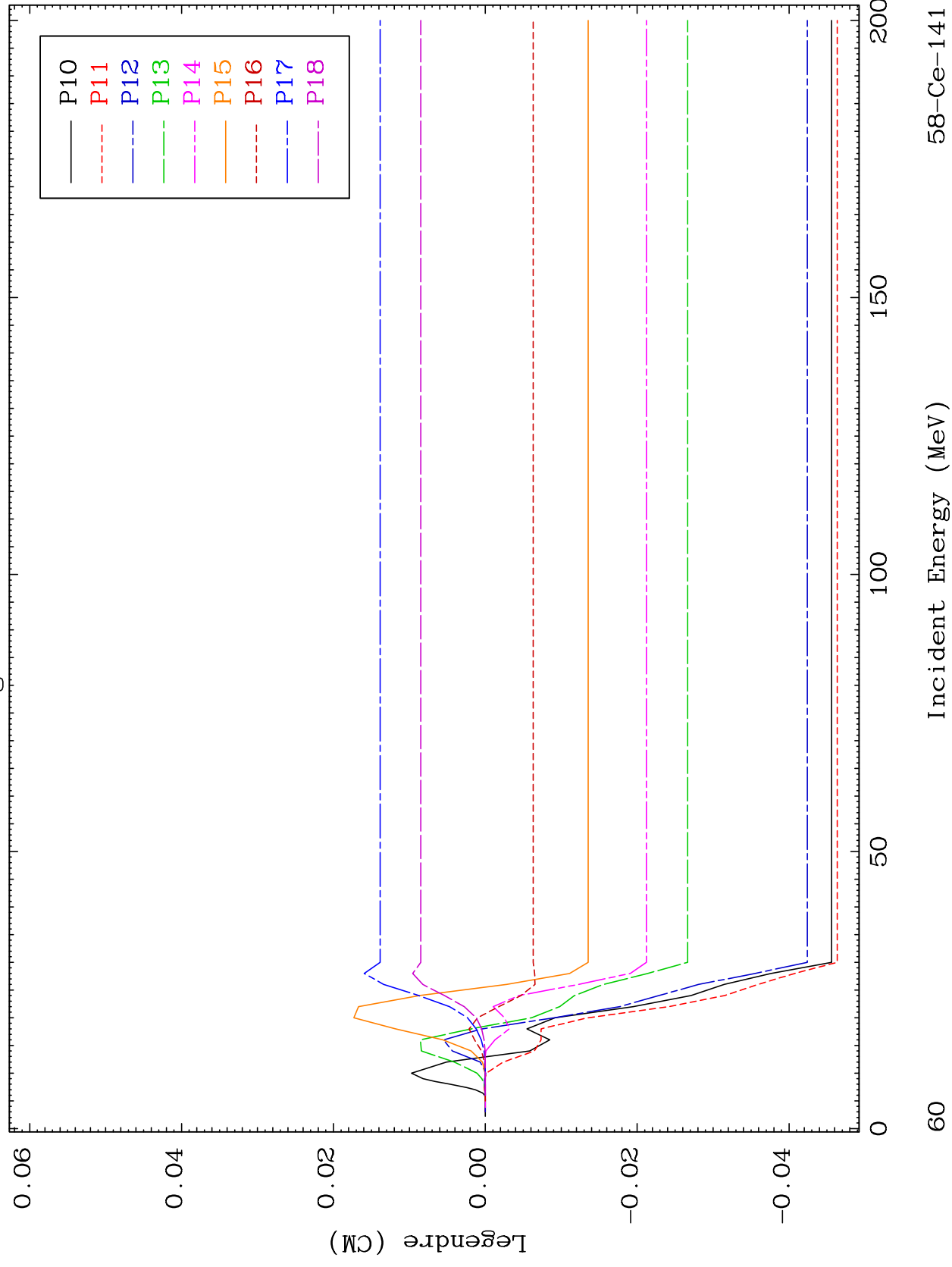


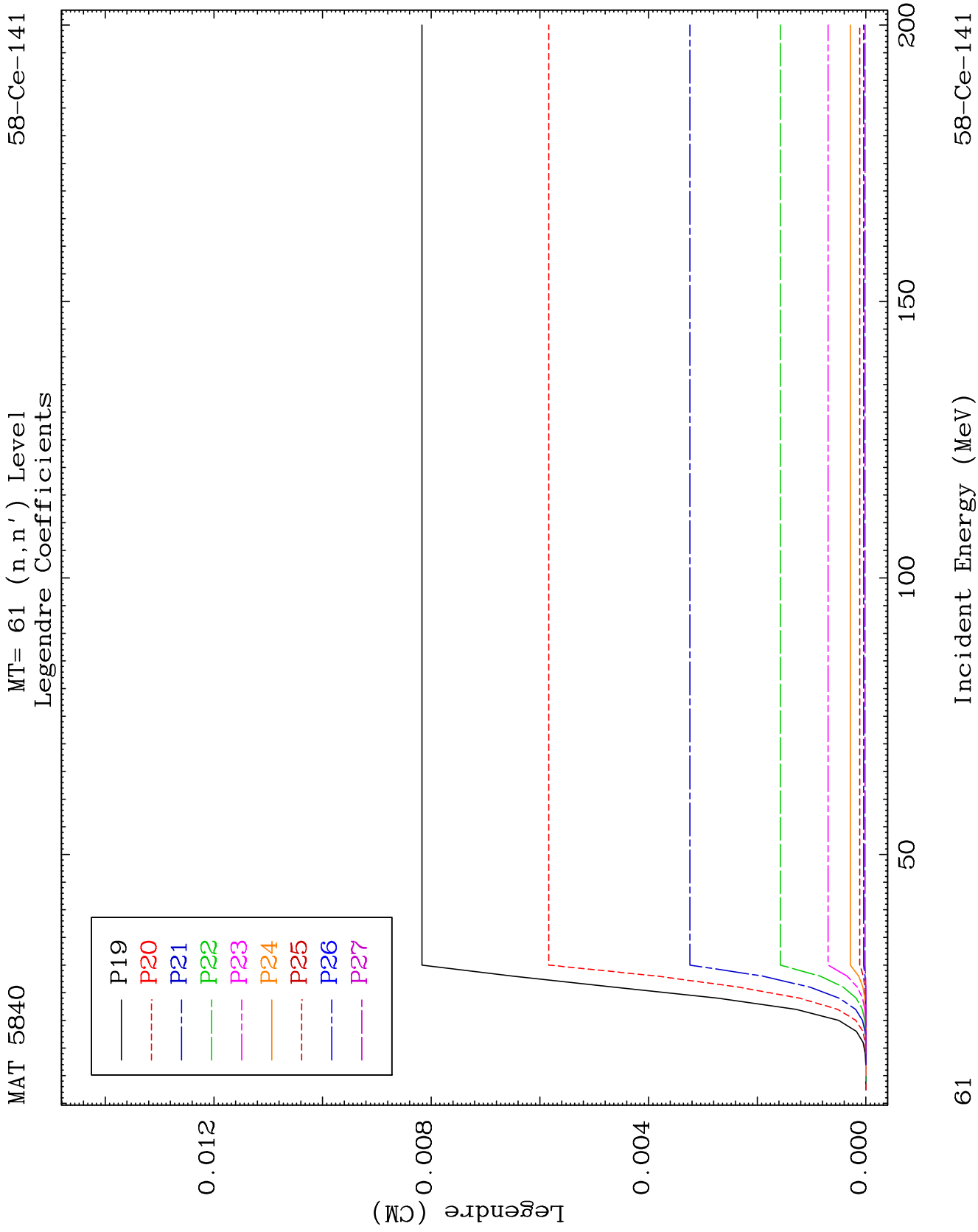


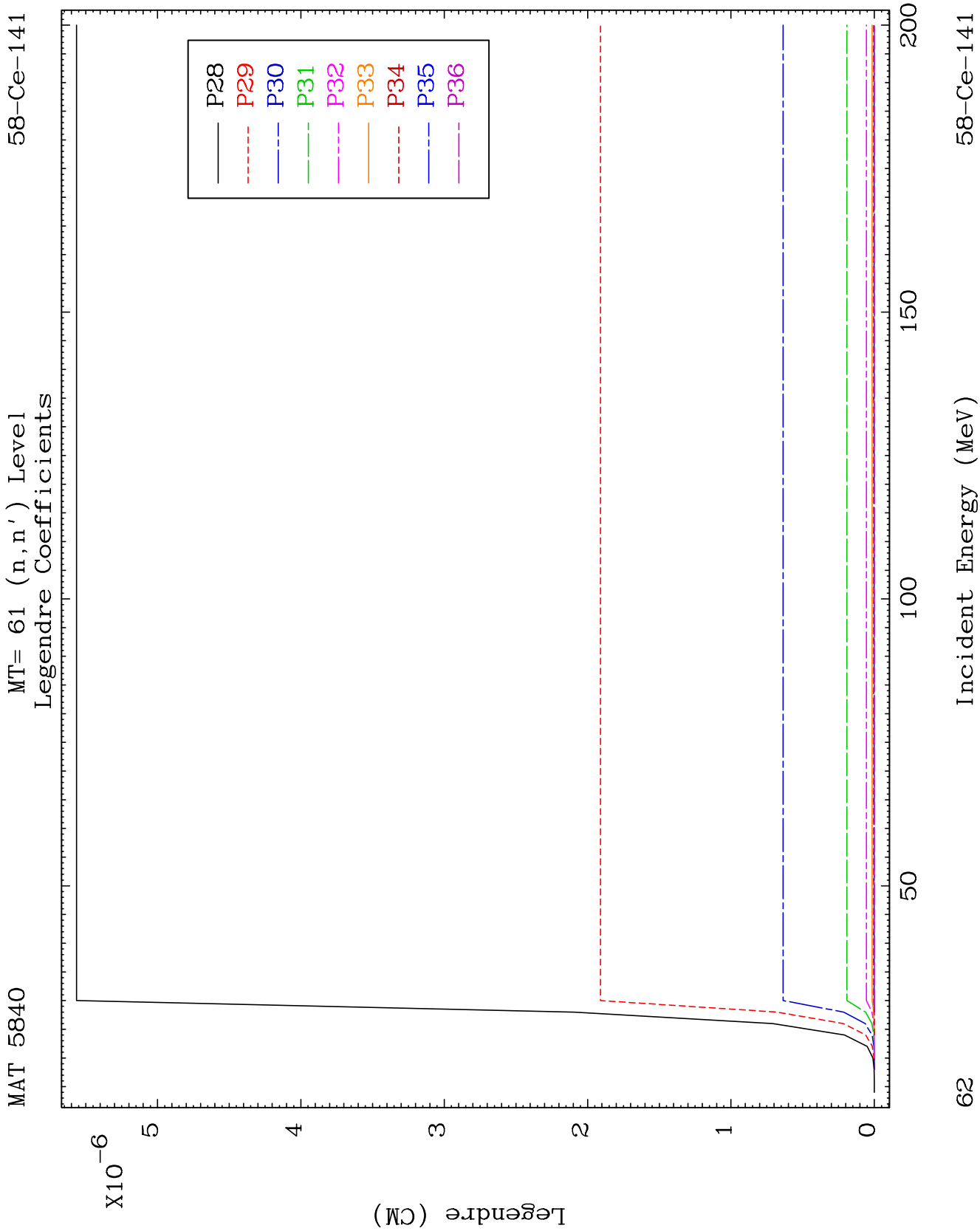
MAT 5840

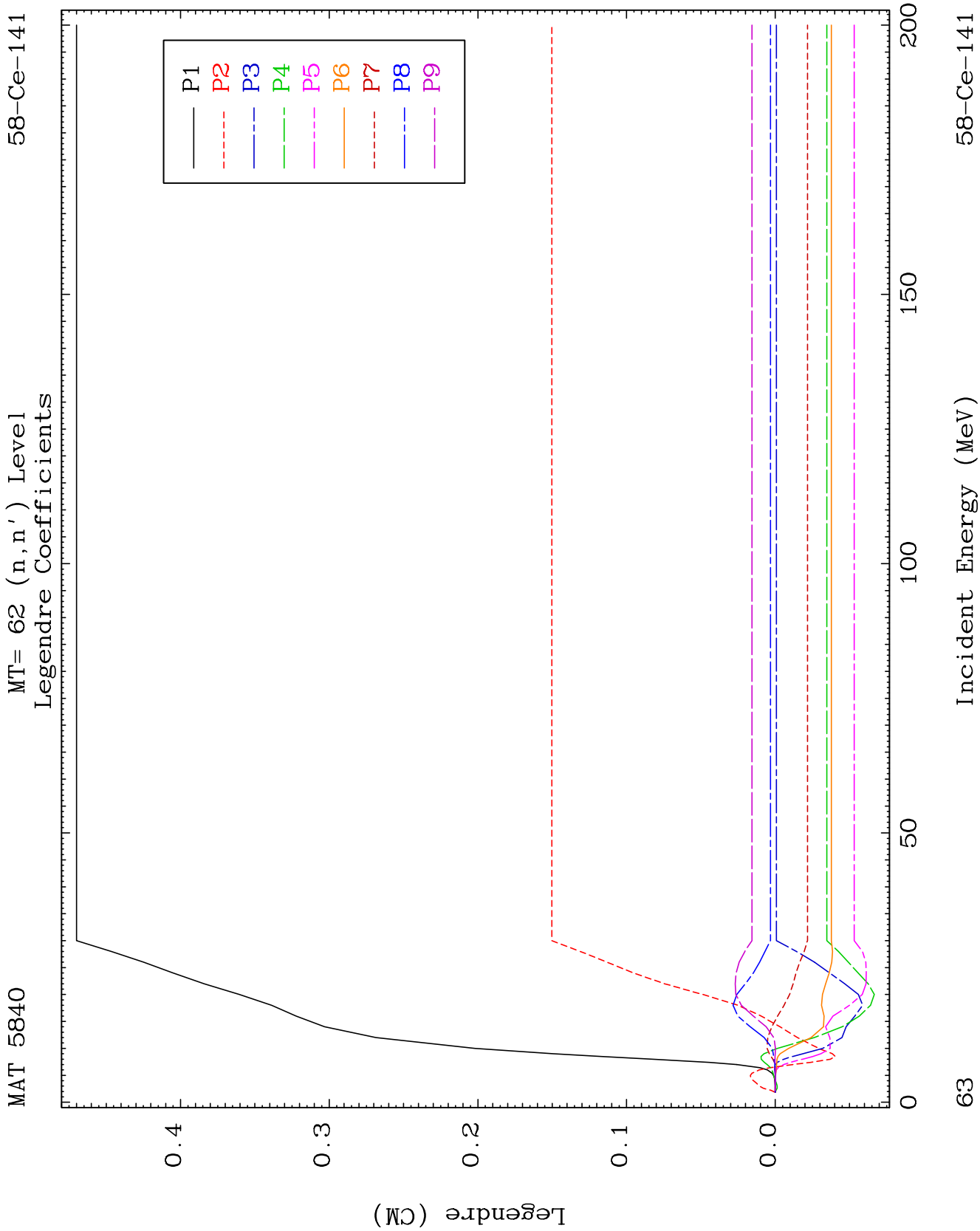
MT= 61 (n, n') Level
Legendre Coefficients

58-Ce-141





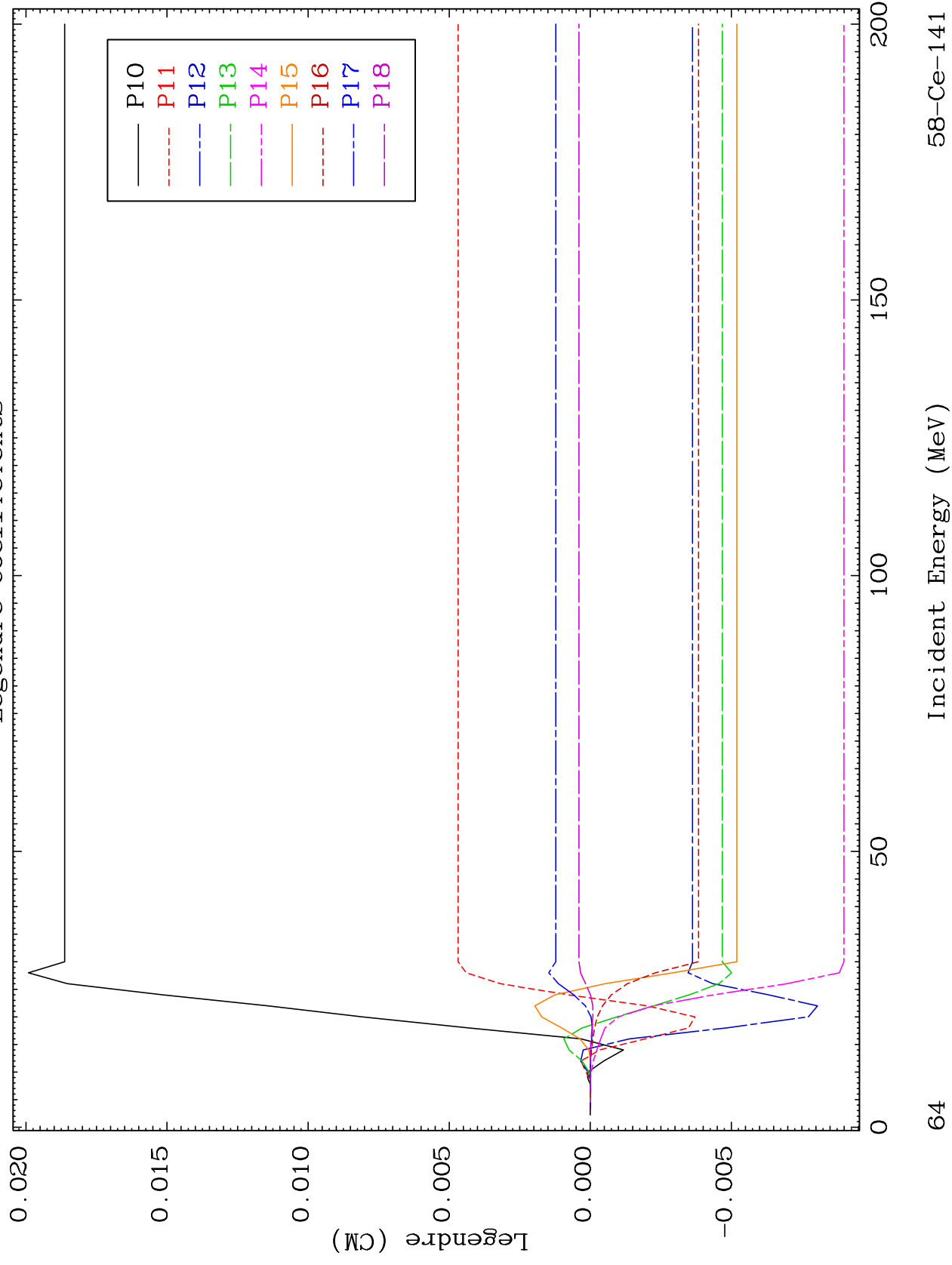


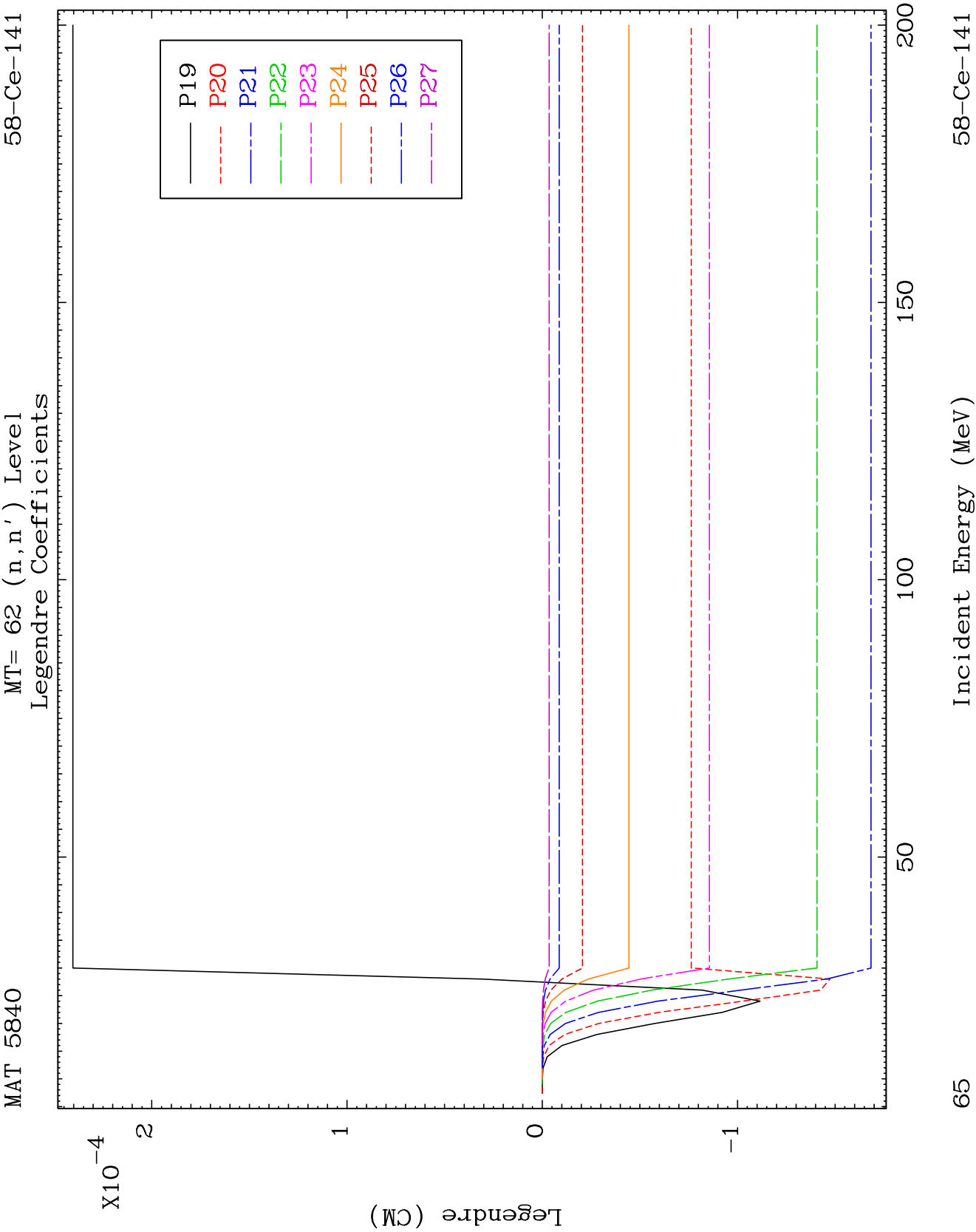


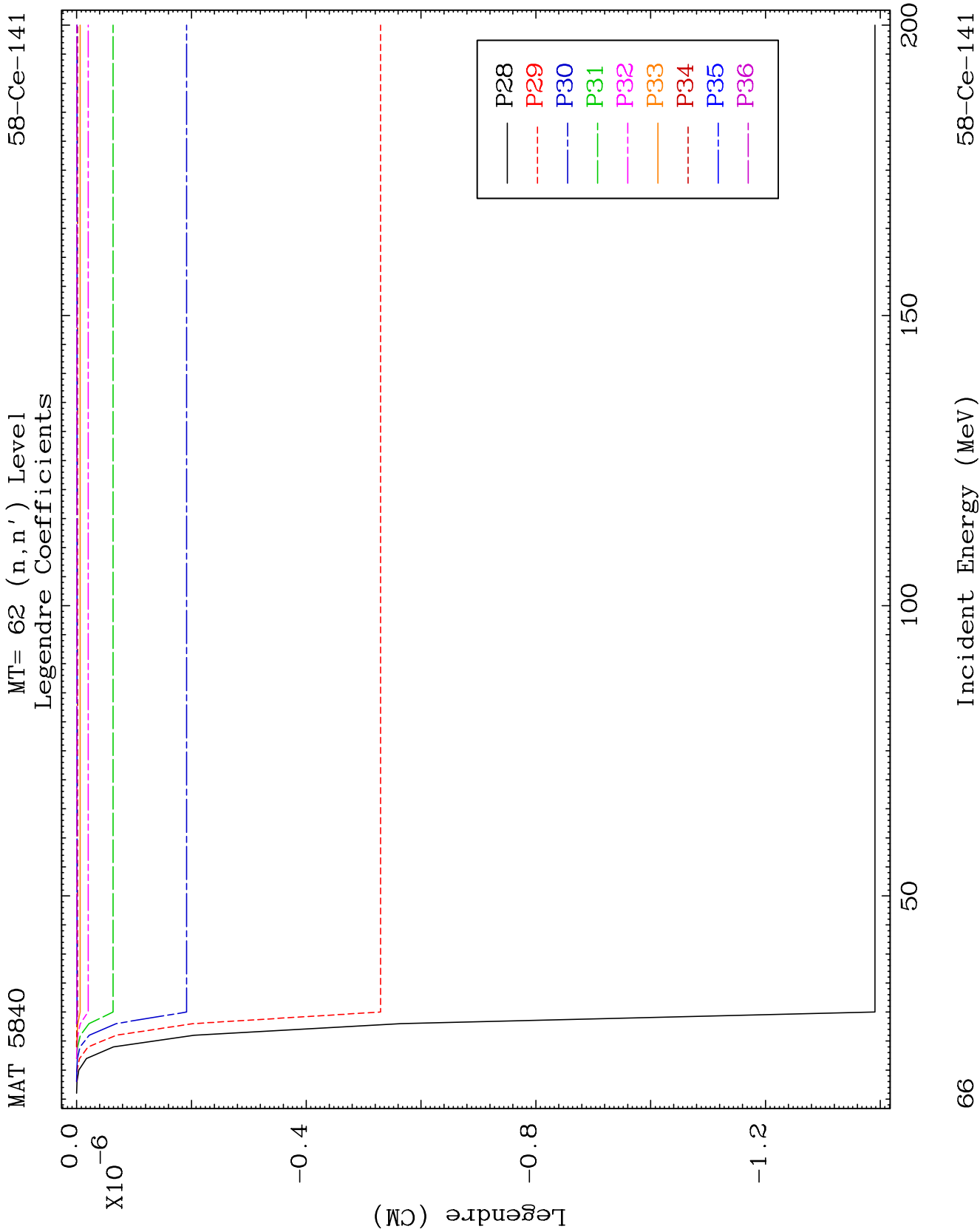
MAT 5840

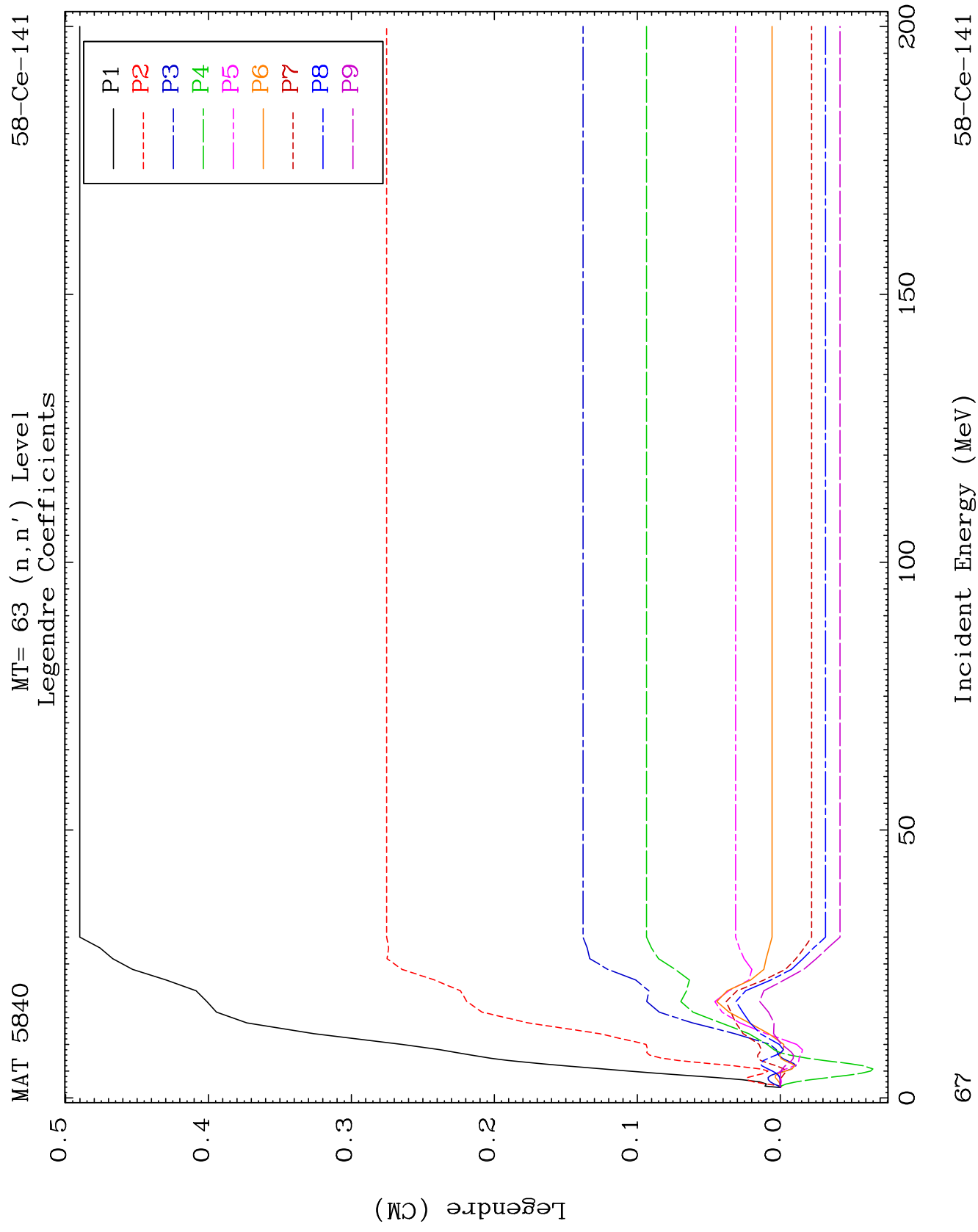
MT= 62 (n, n') Level
Legendre Coefficients

58-Ce-141





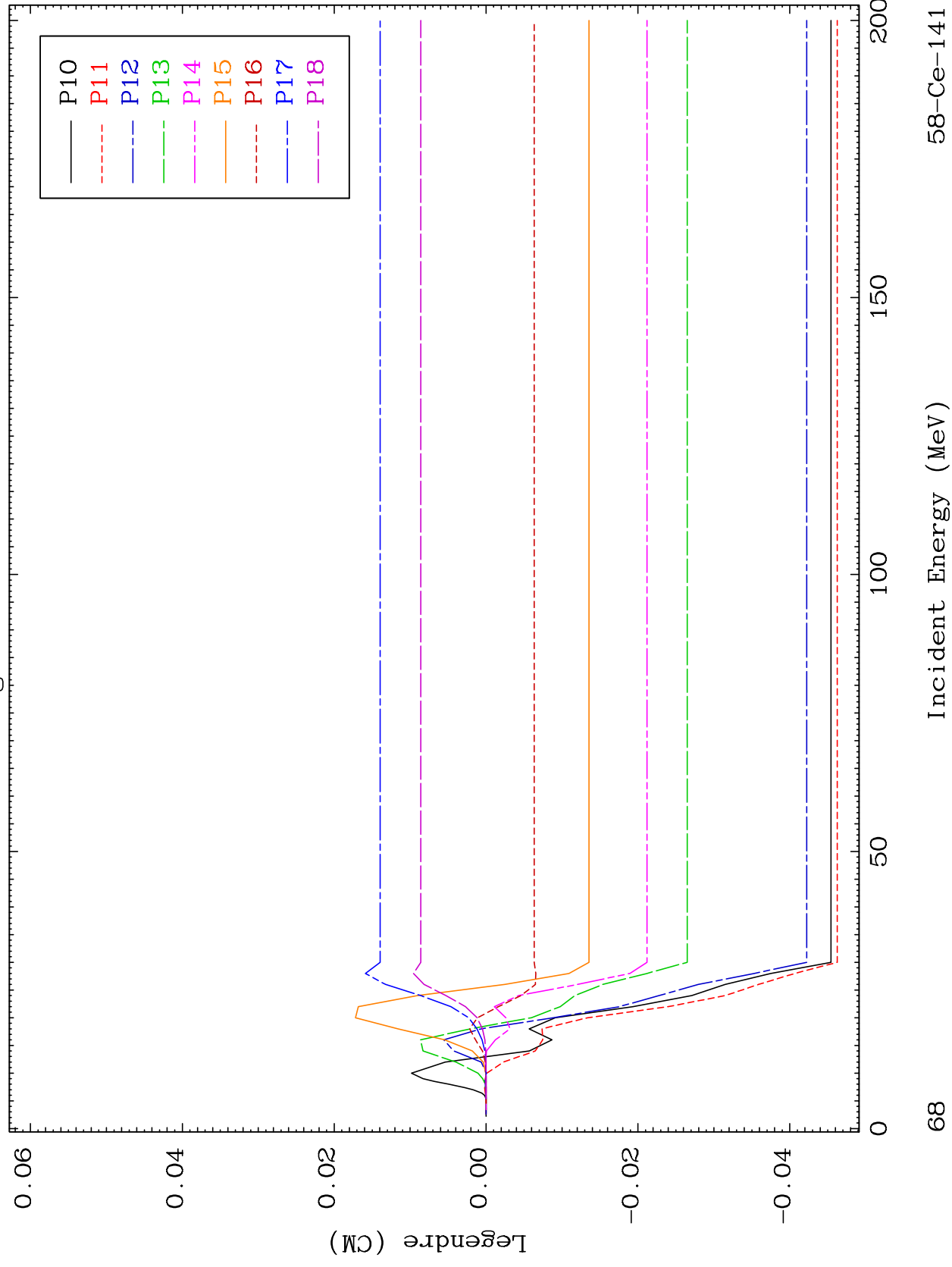


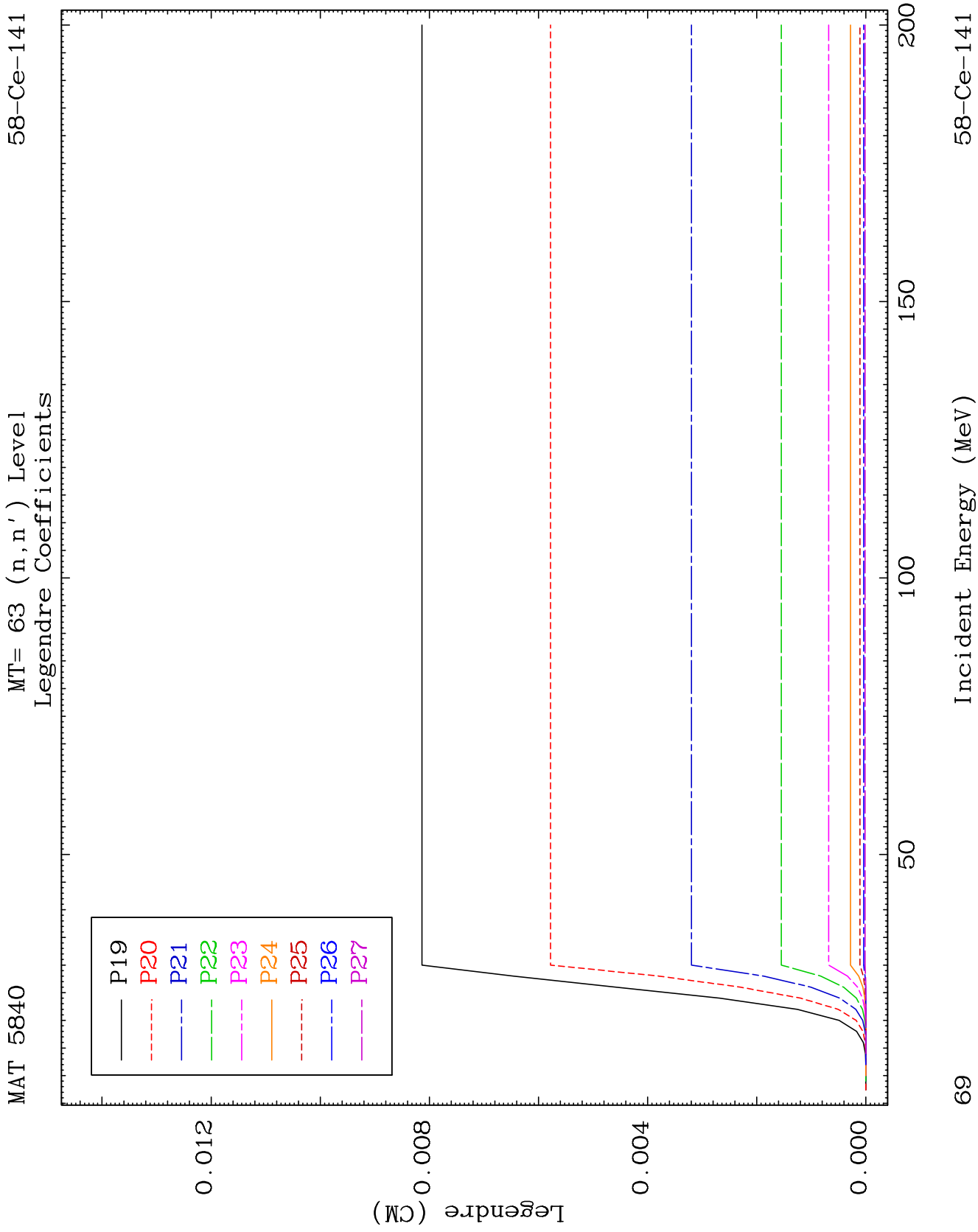


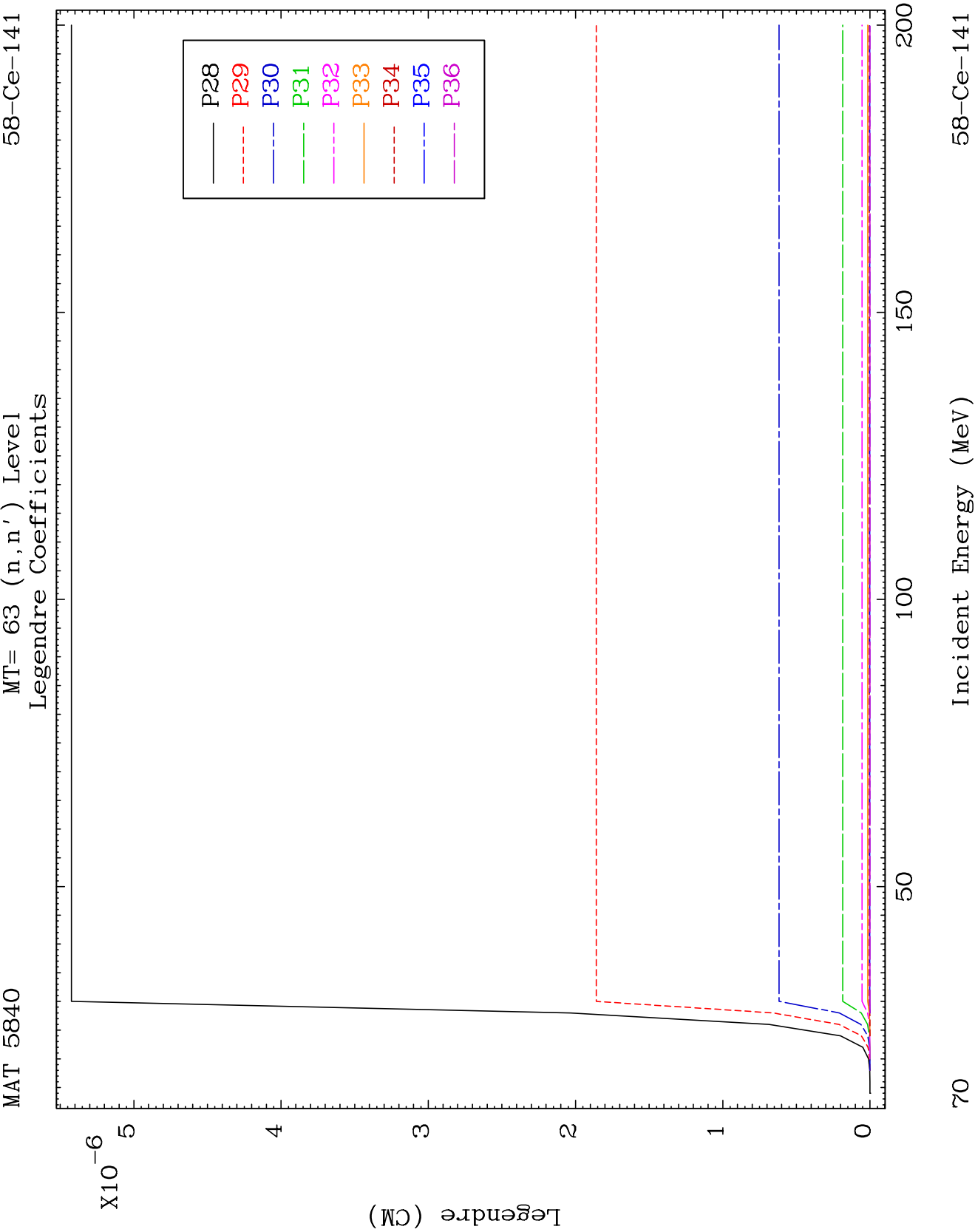
MAT 5840

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

58-Ce-141



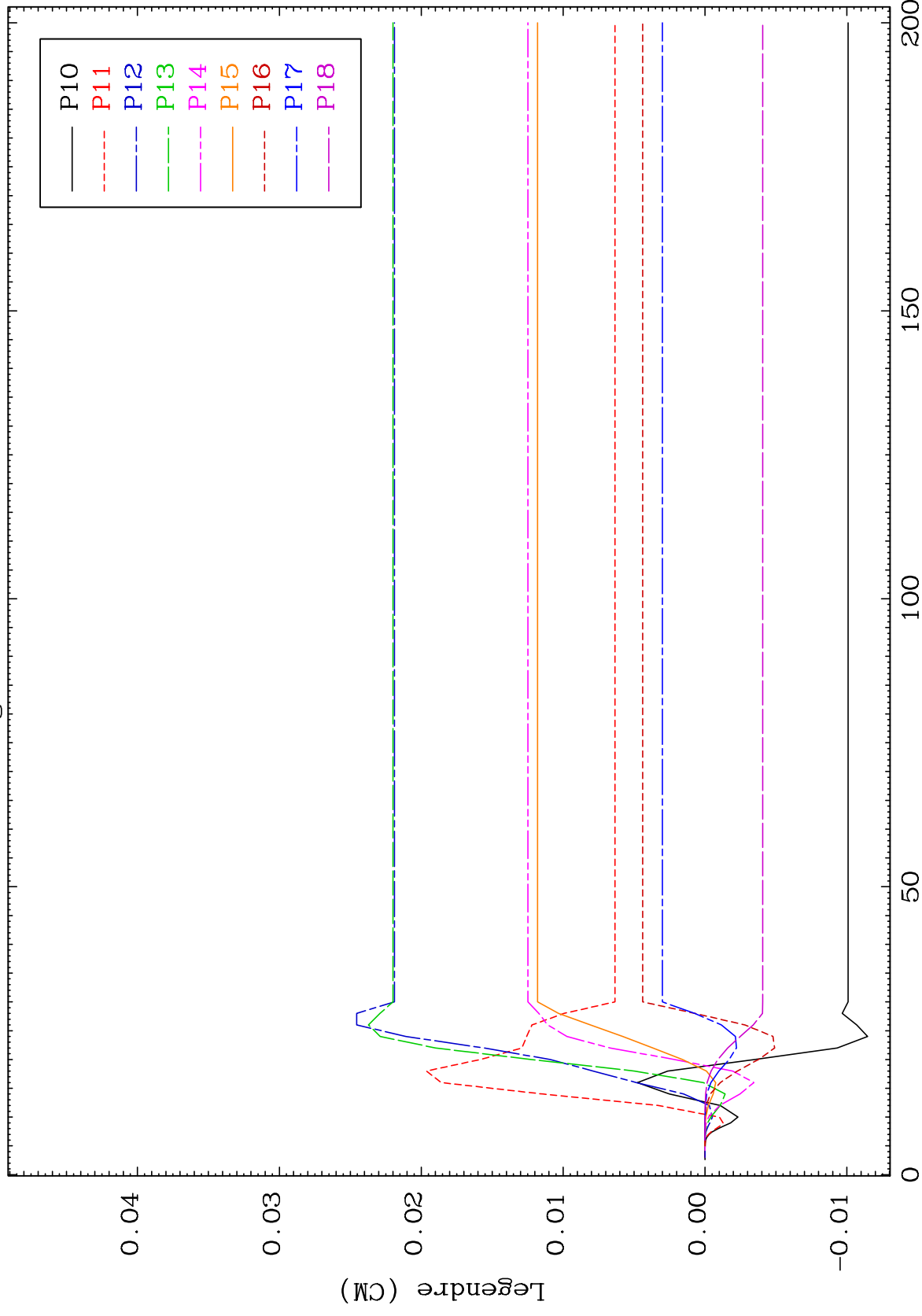




MAT 5840

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

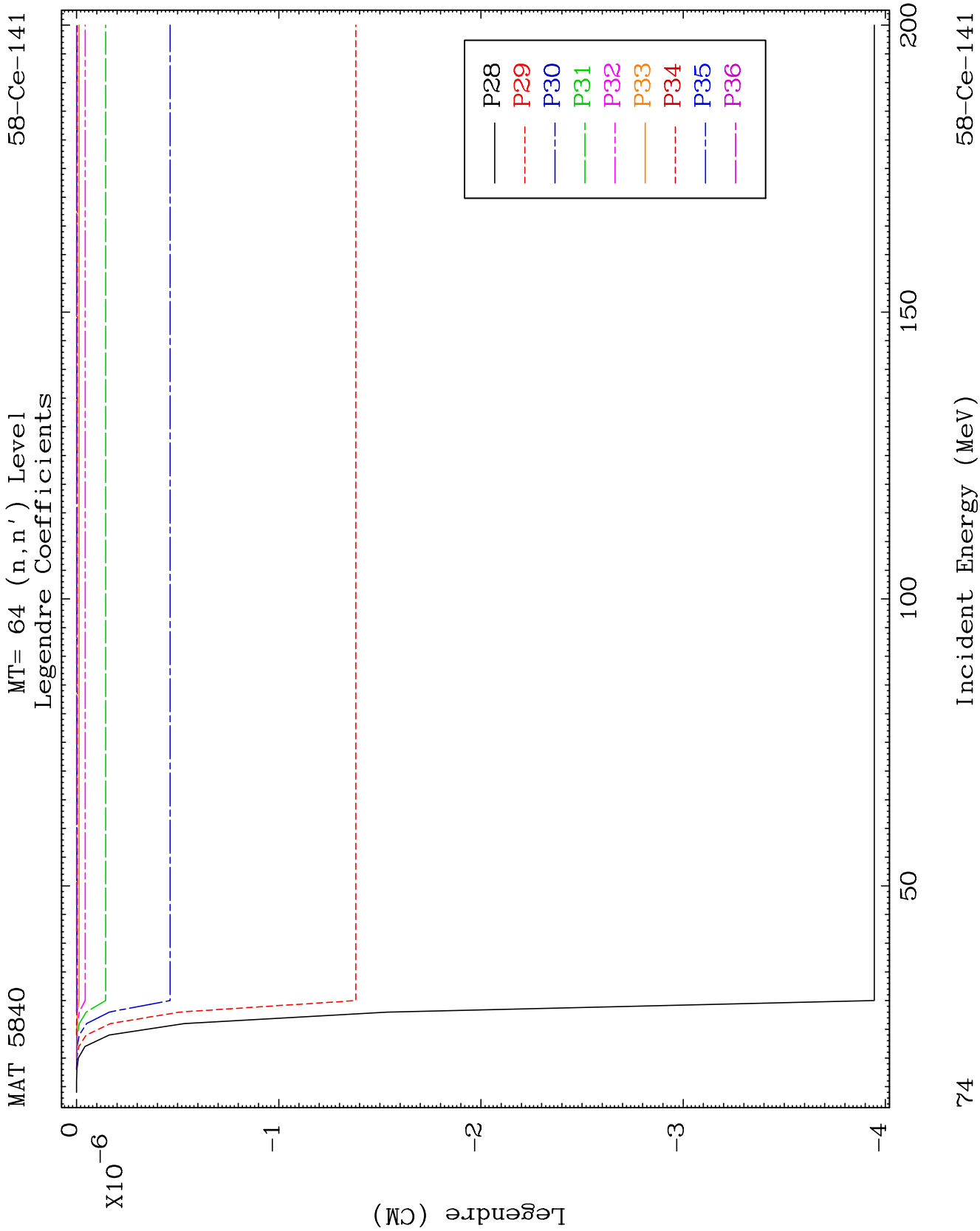
58-Ce-141



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Incident Energy (MeV)

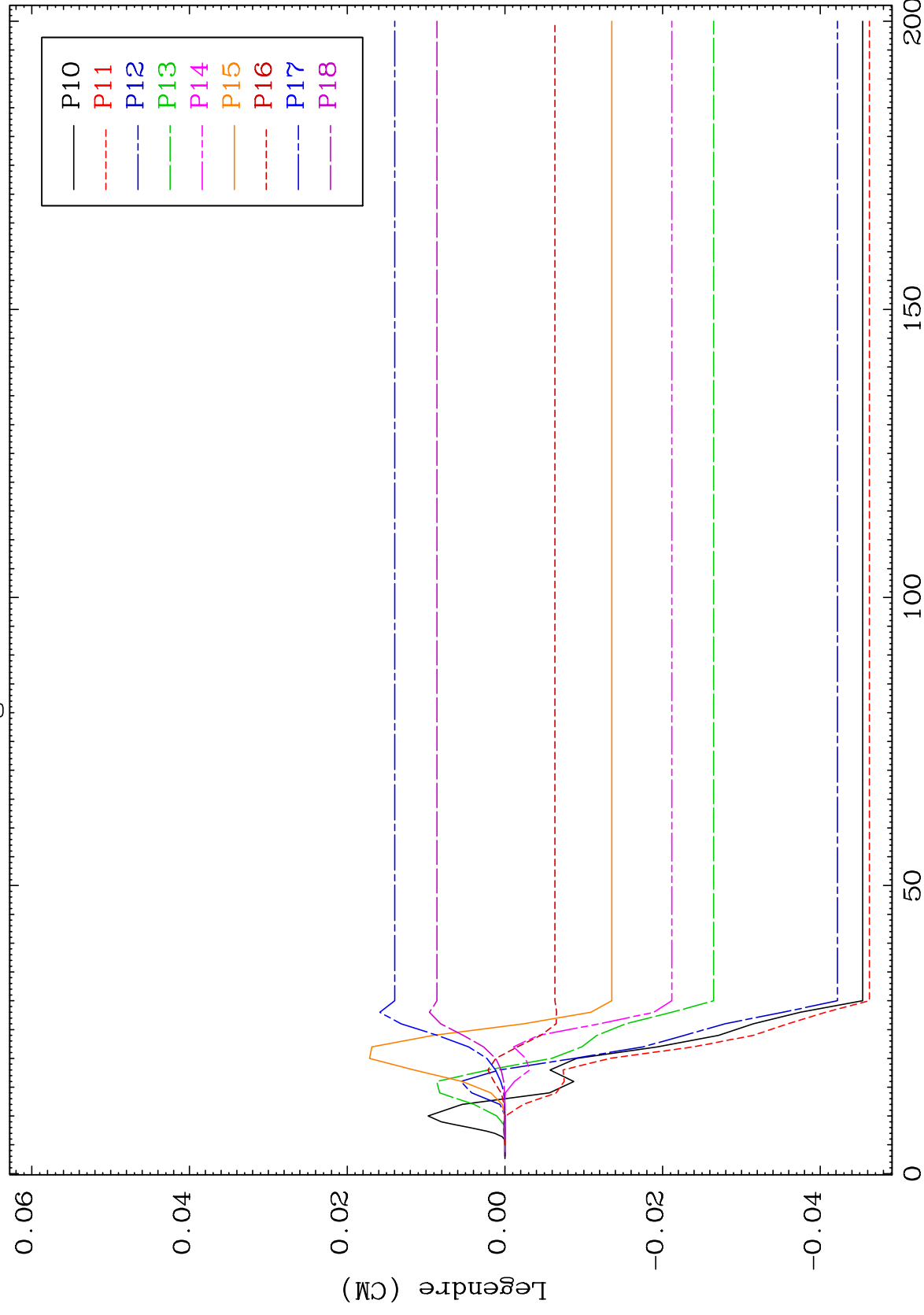
58-Ce-141



MAT 5840

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

58-Ce-141



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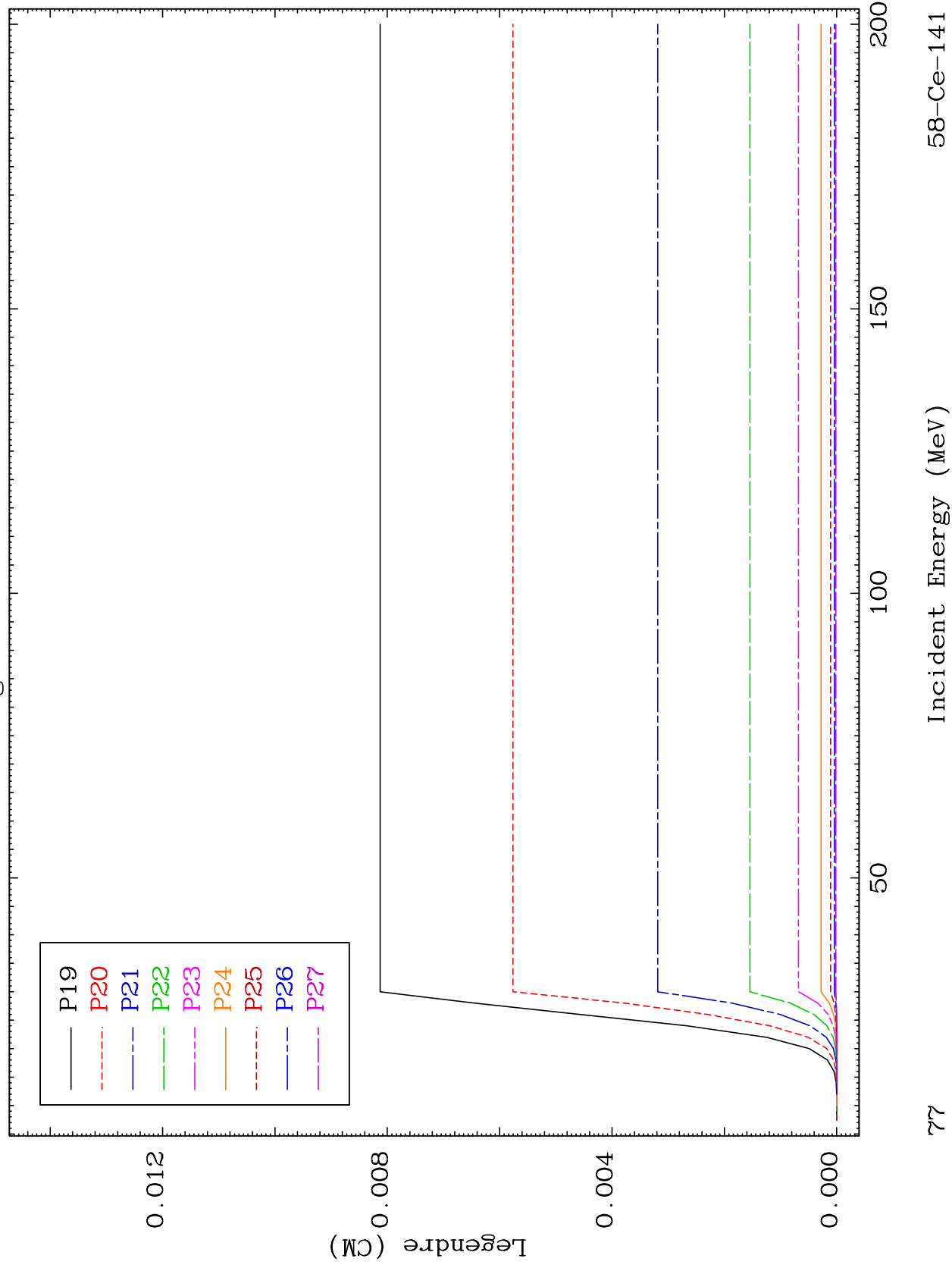
Incident Energy (MeV)

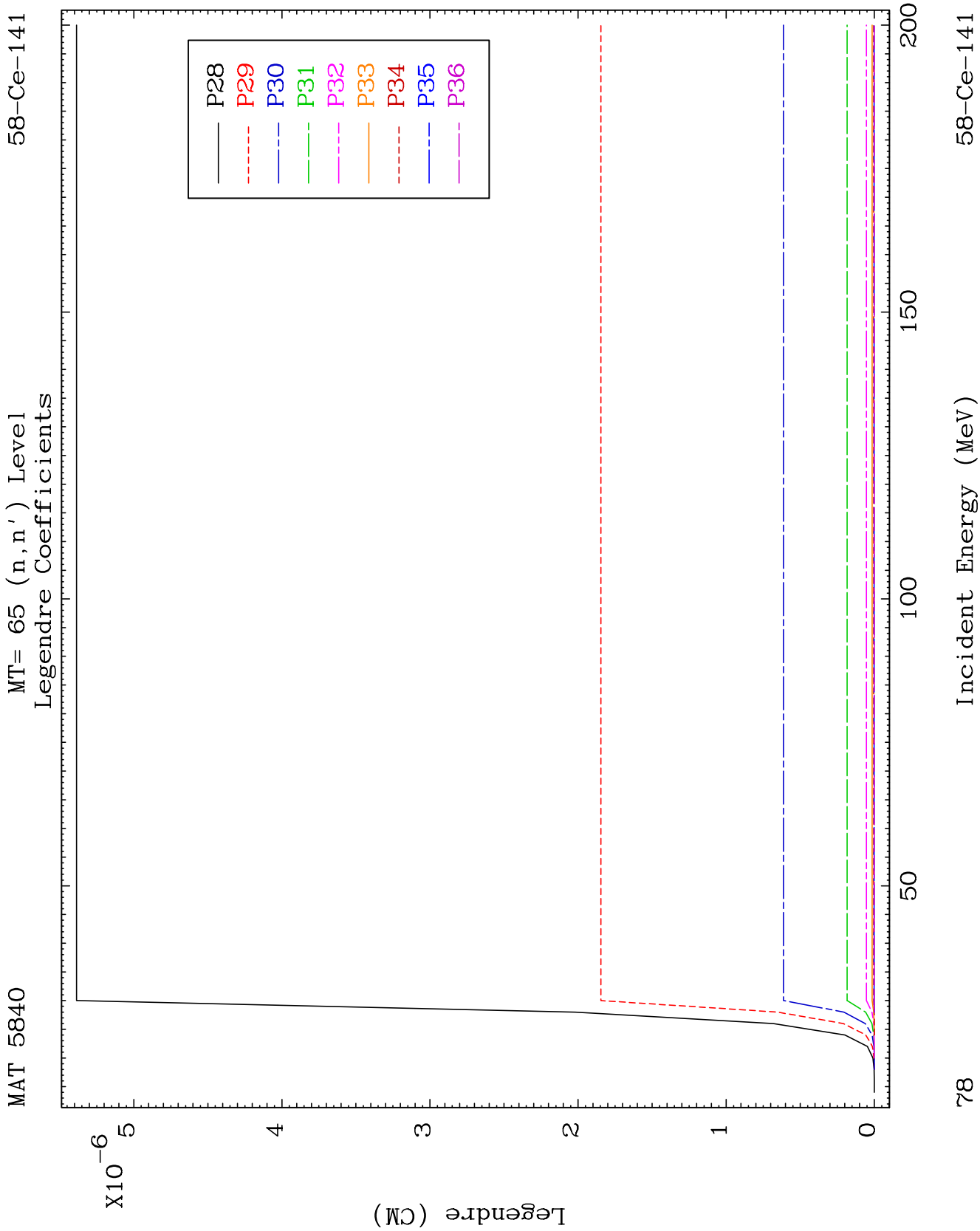
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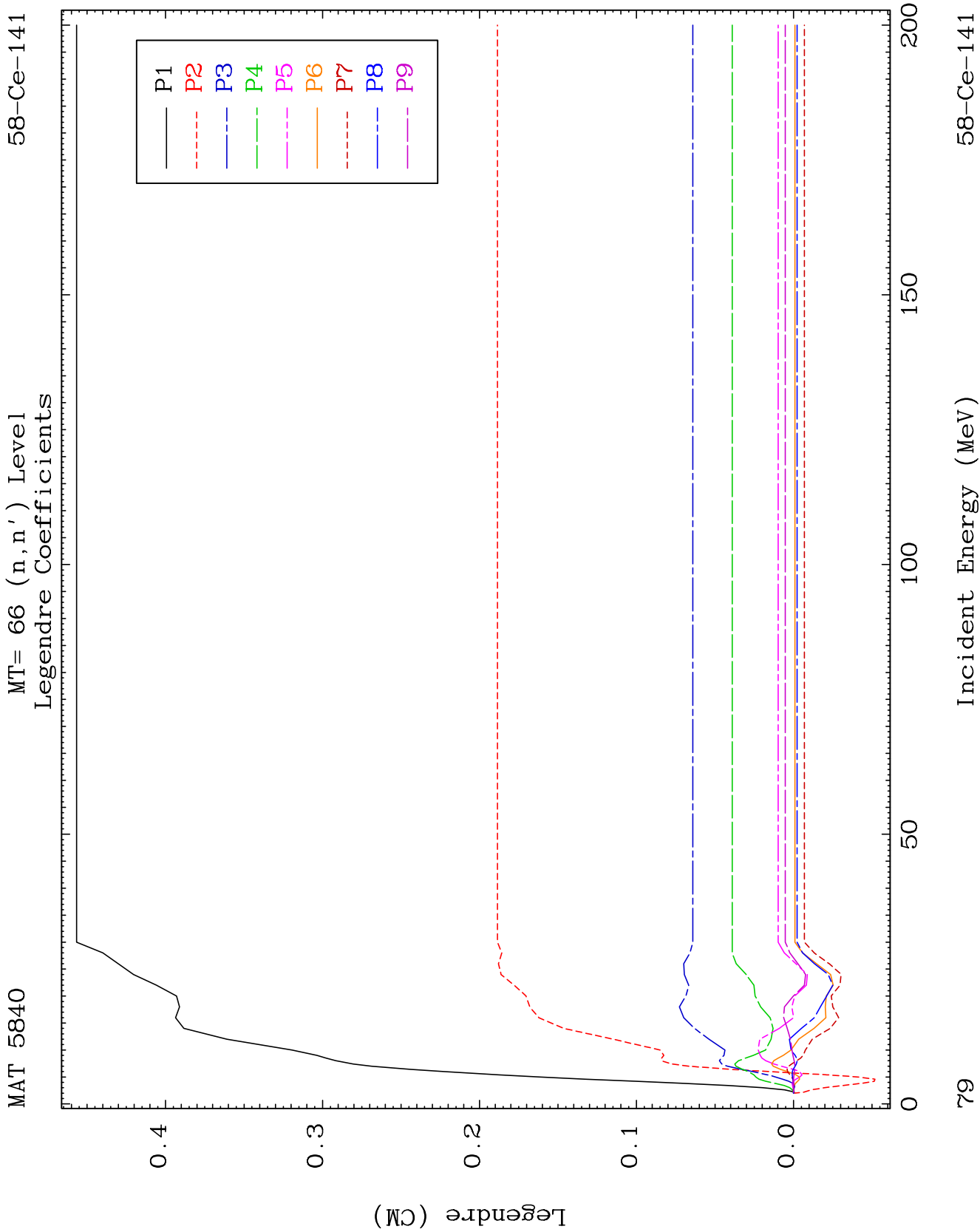
MAT 5840

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

58-Ce-141



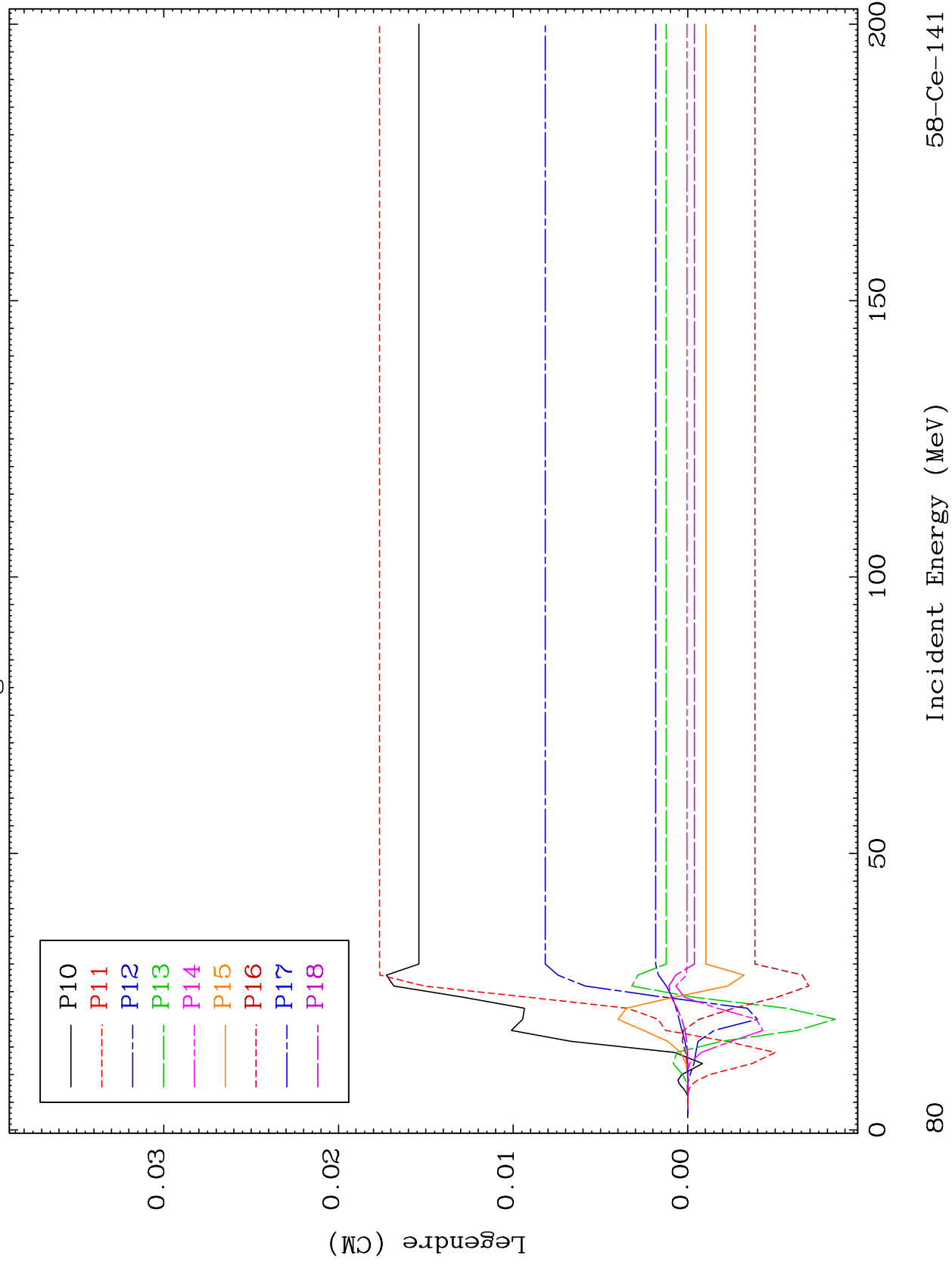




MAT 5840

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

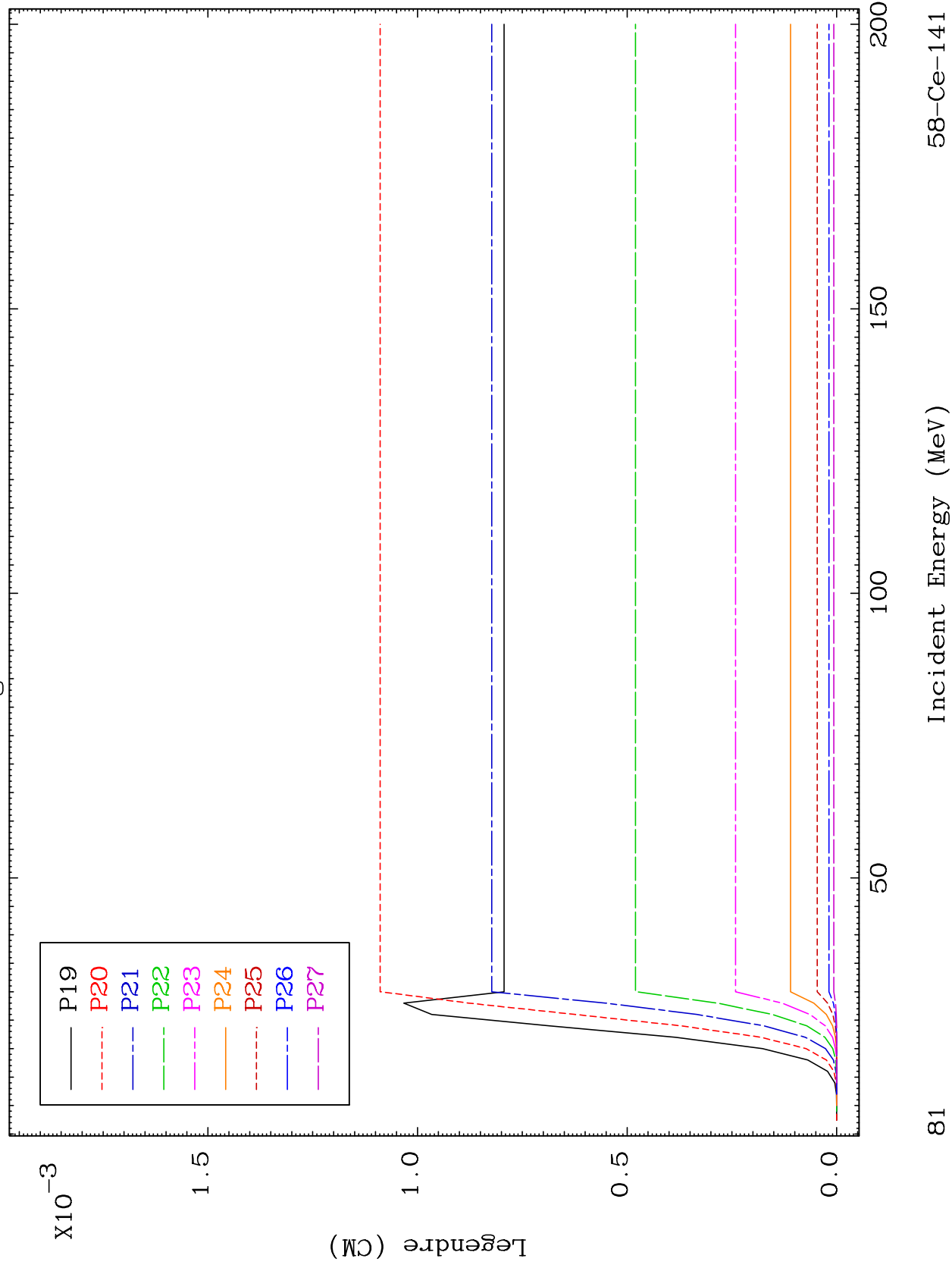
58-Ce-141

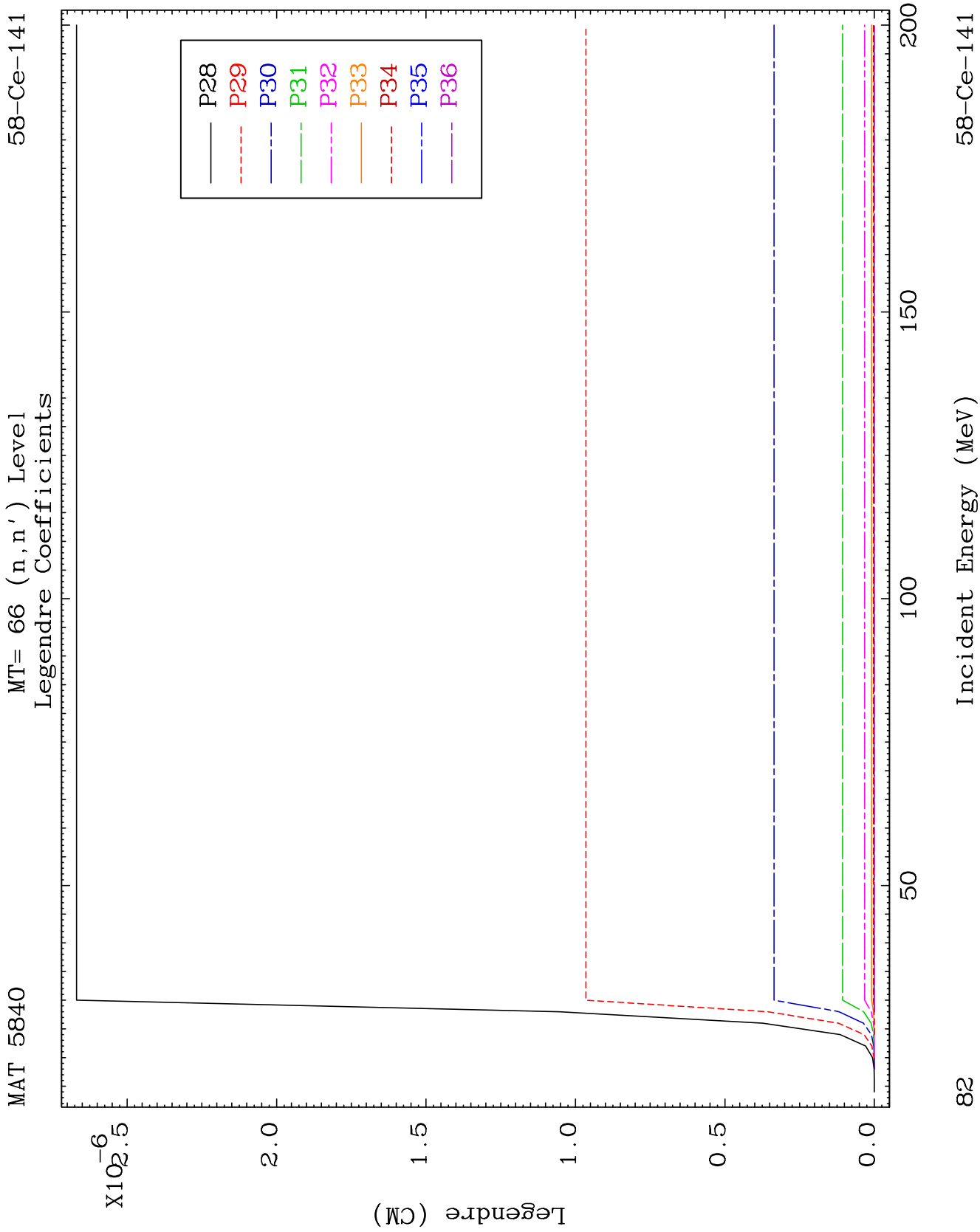


MAT 5840

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

58-Ce-141

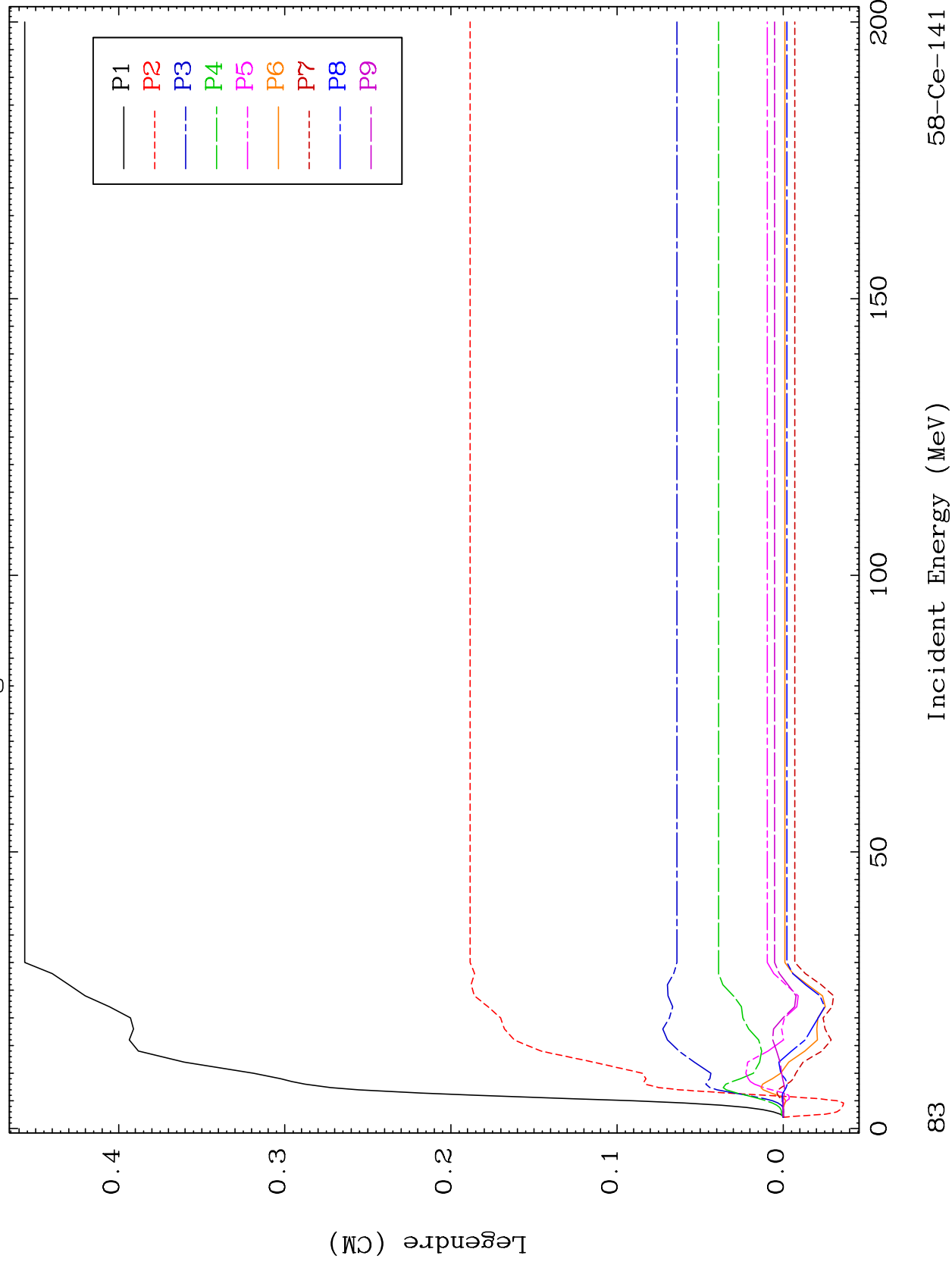




MAT 5840

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

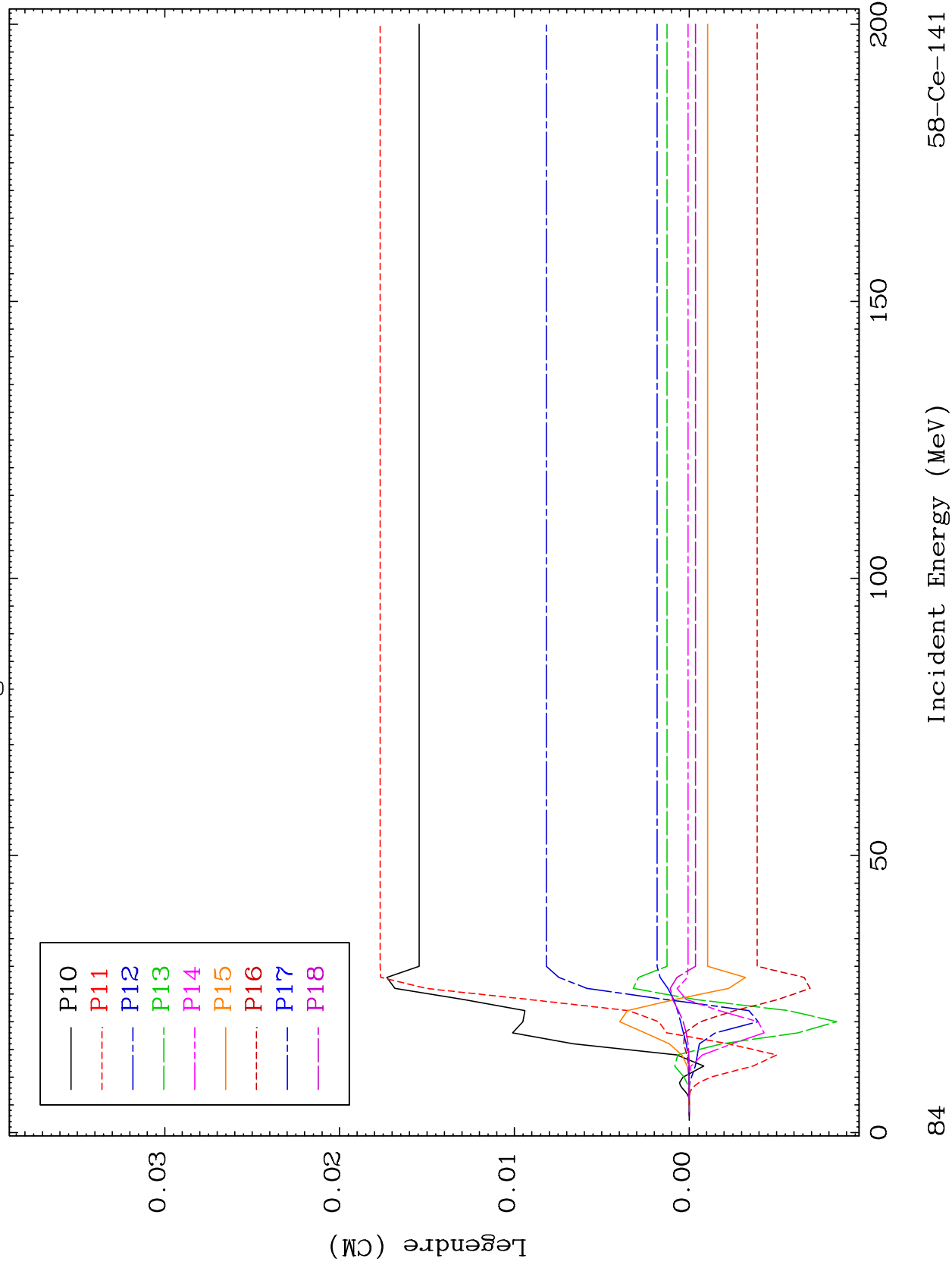
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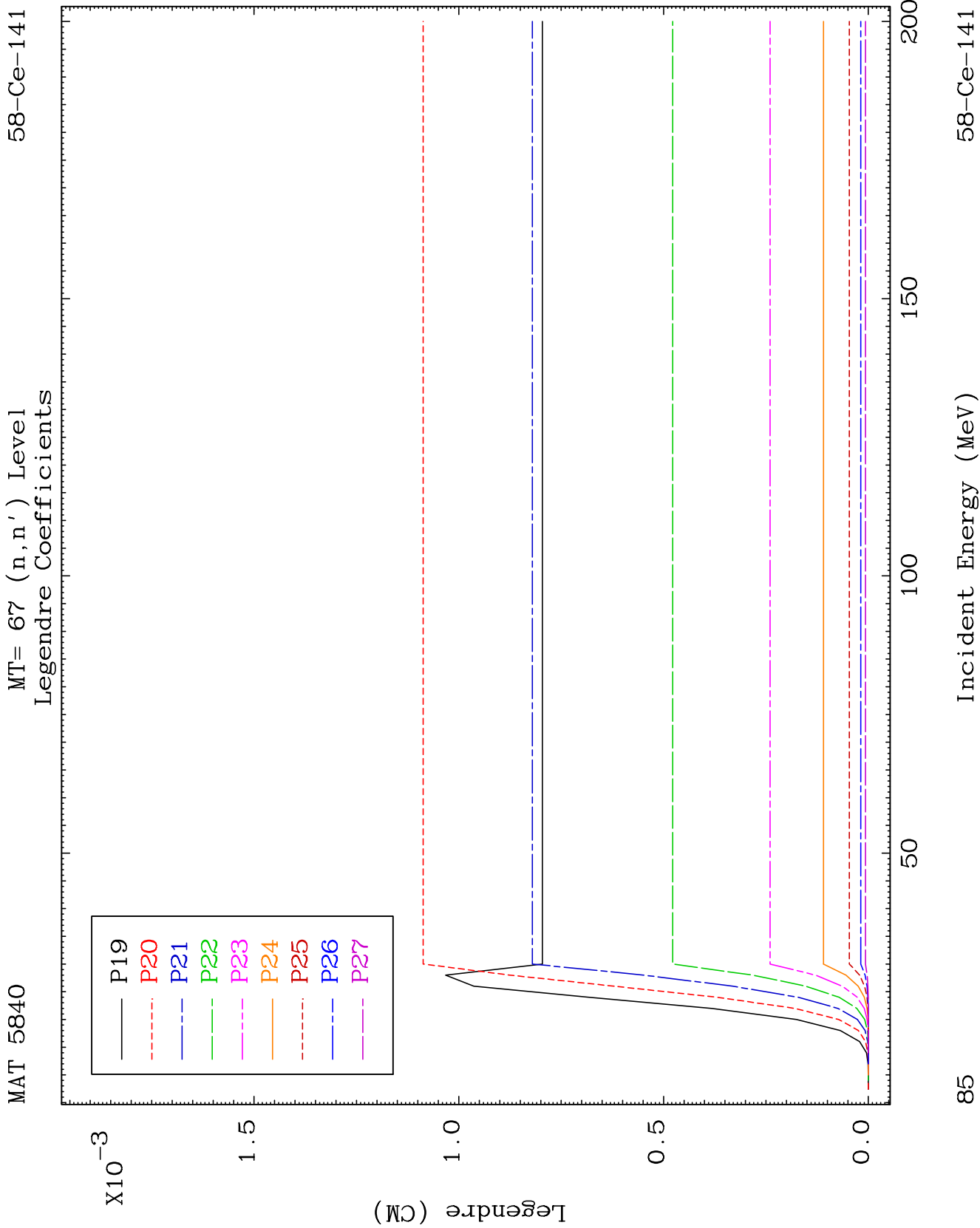


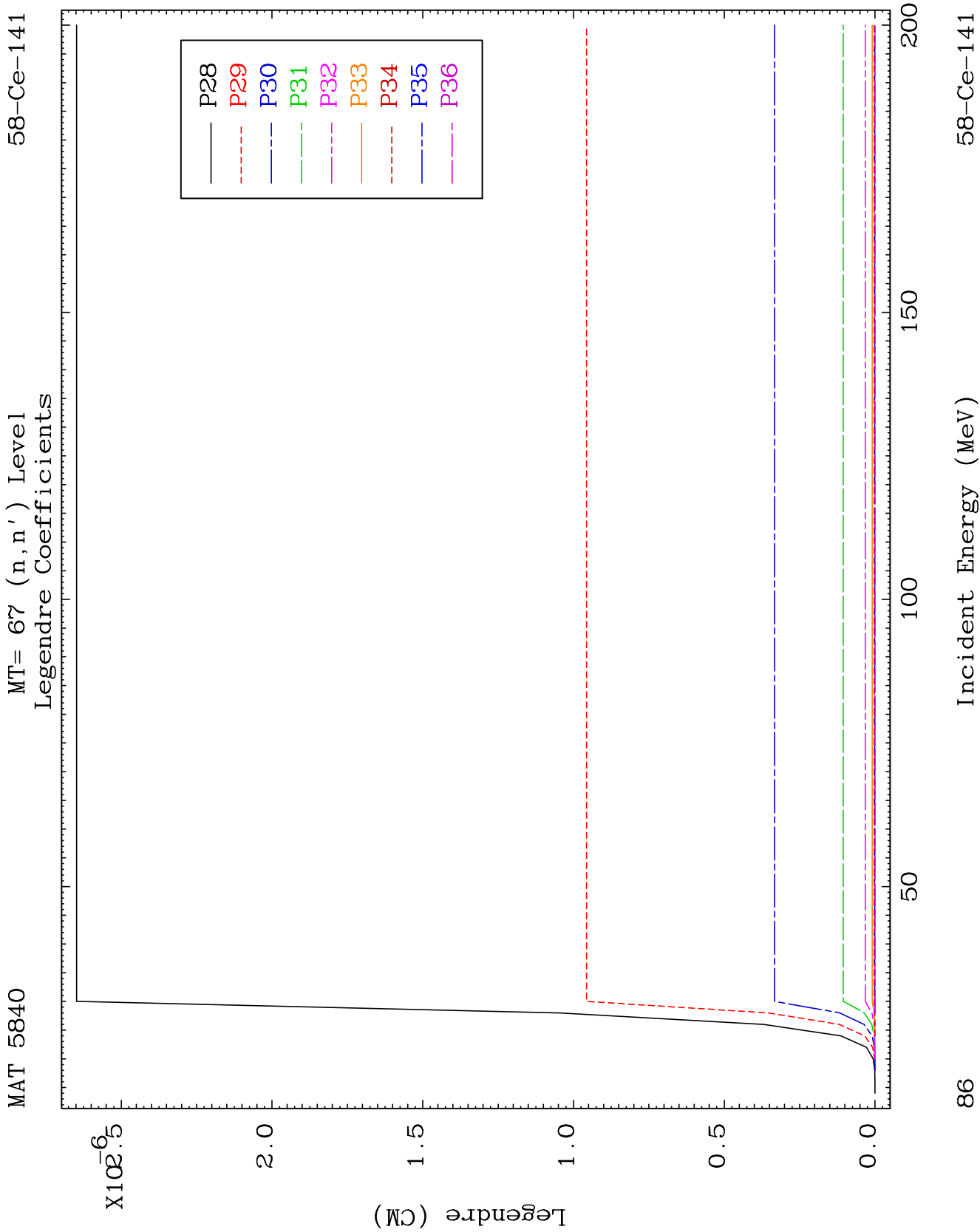
MAT 5840

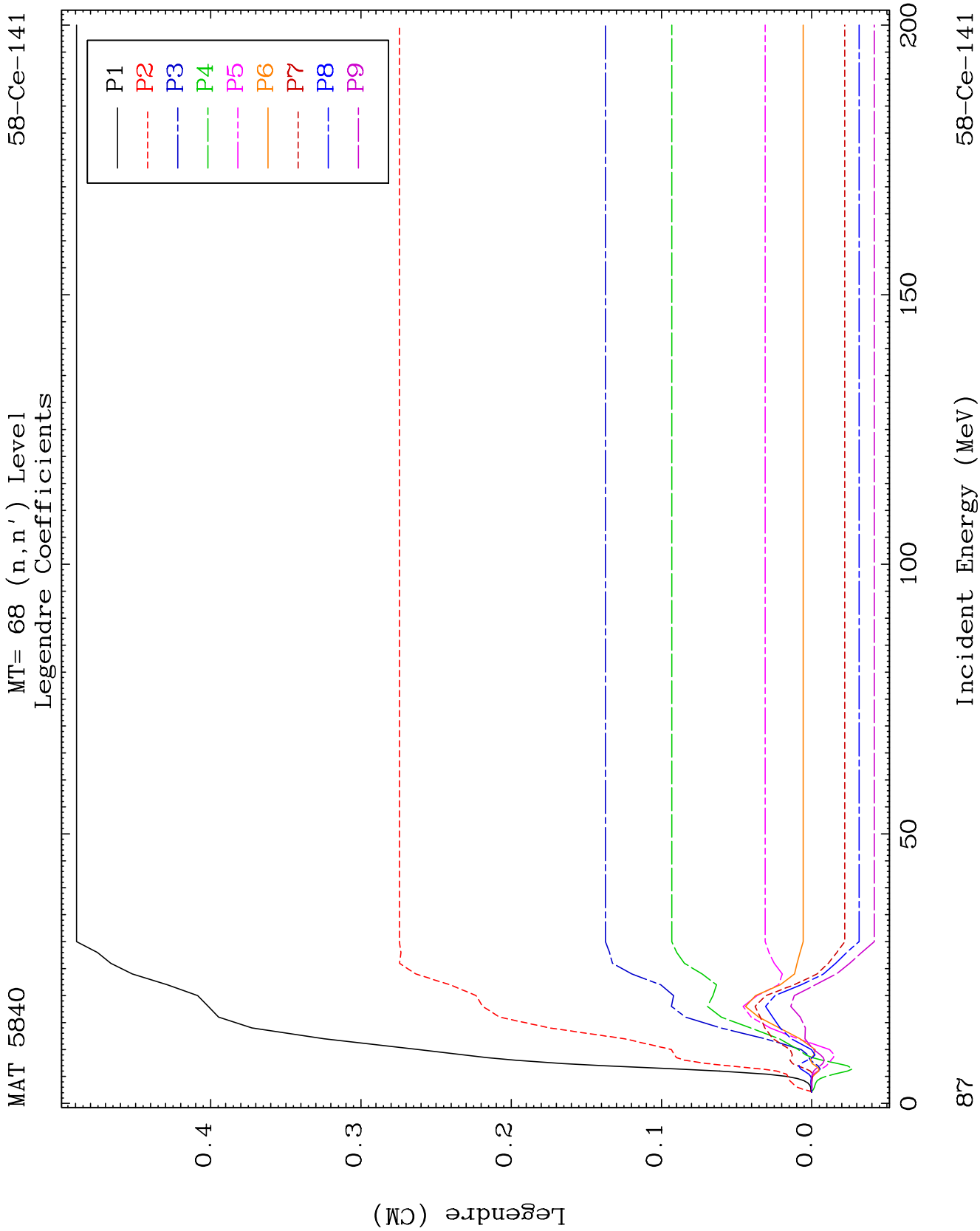
MT= 67 (n, n') Level
Legendre Coefficients

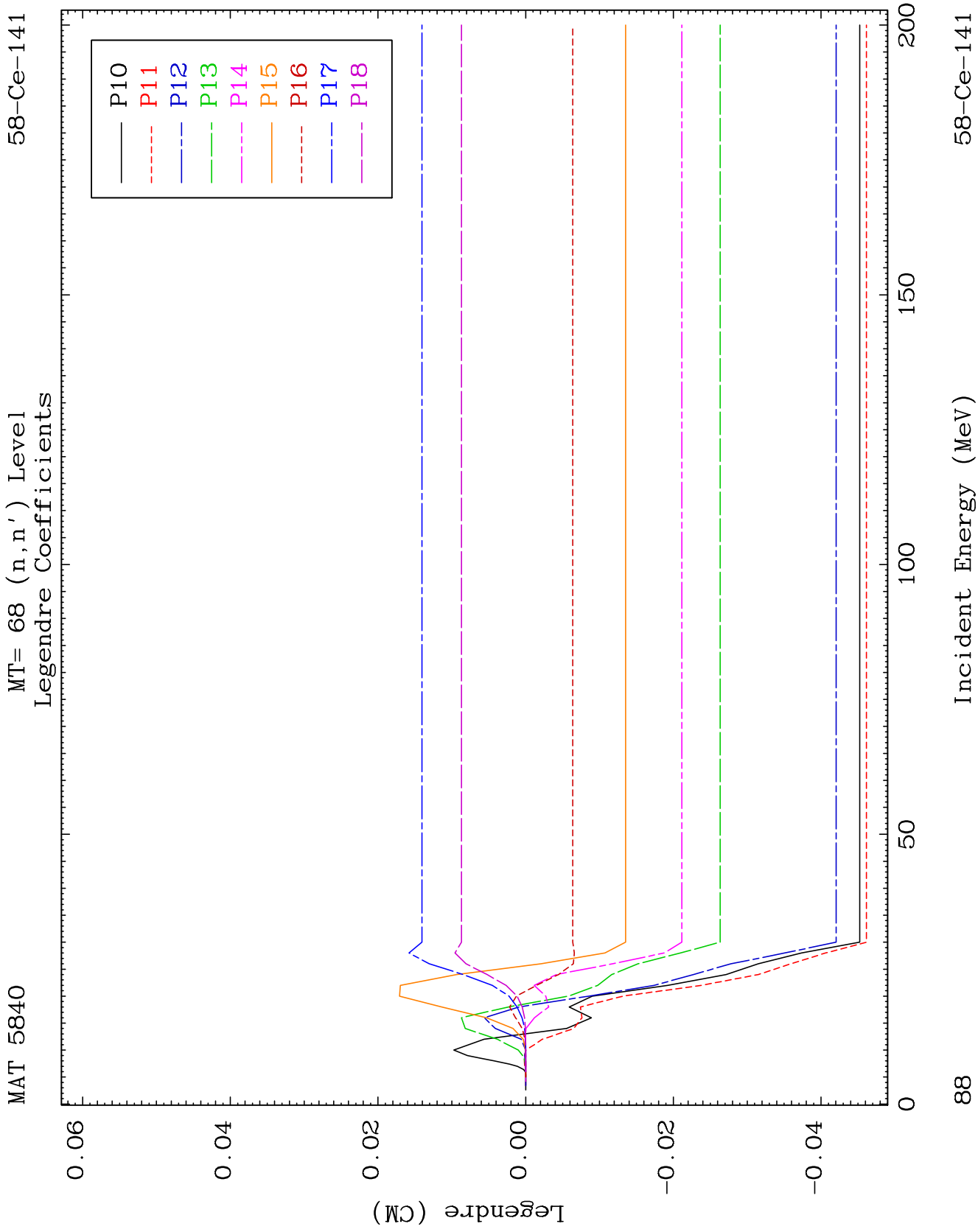
58-Ce-141







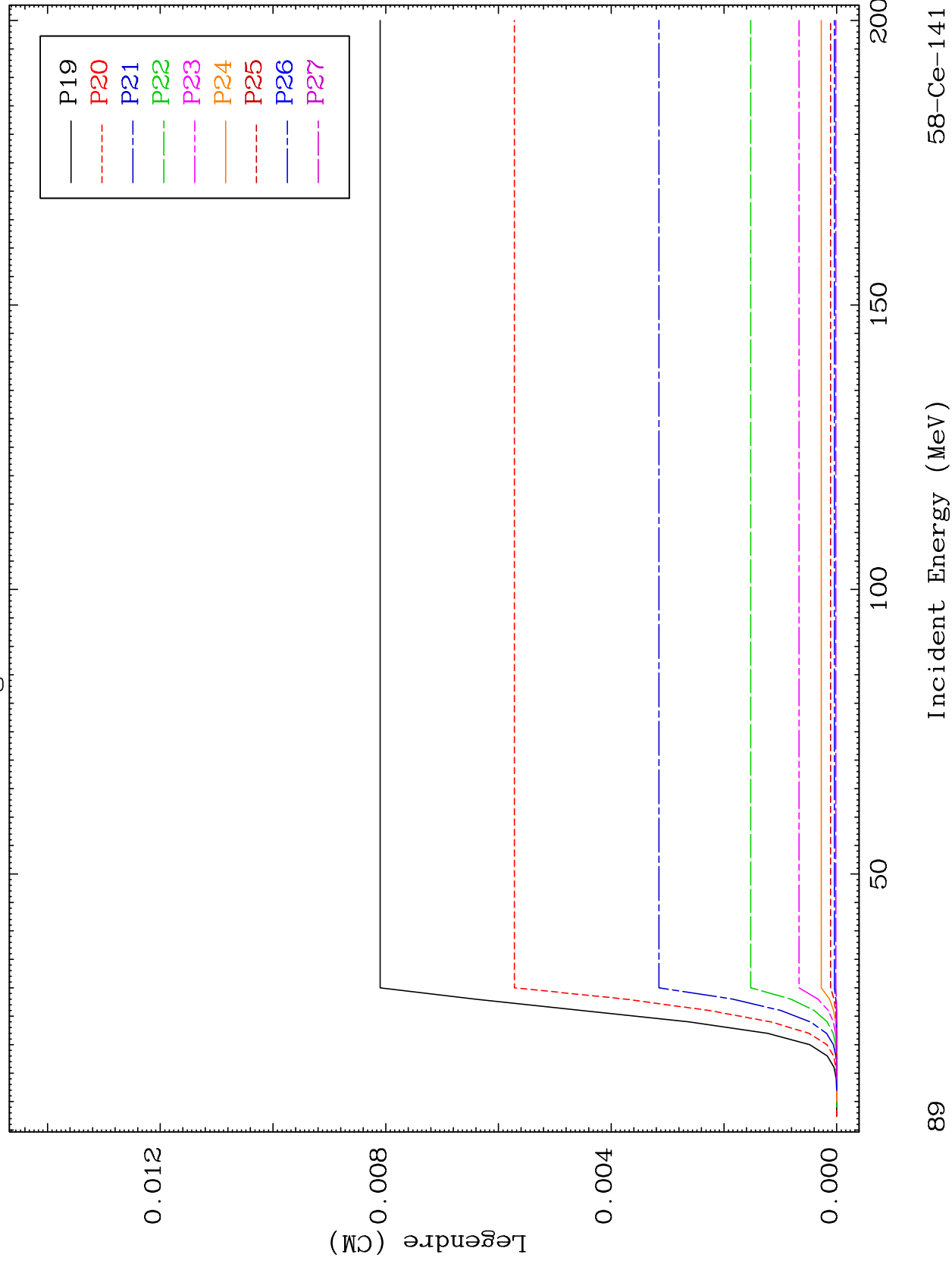




MAT 5840

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

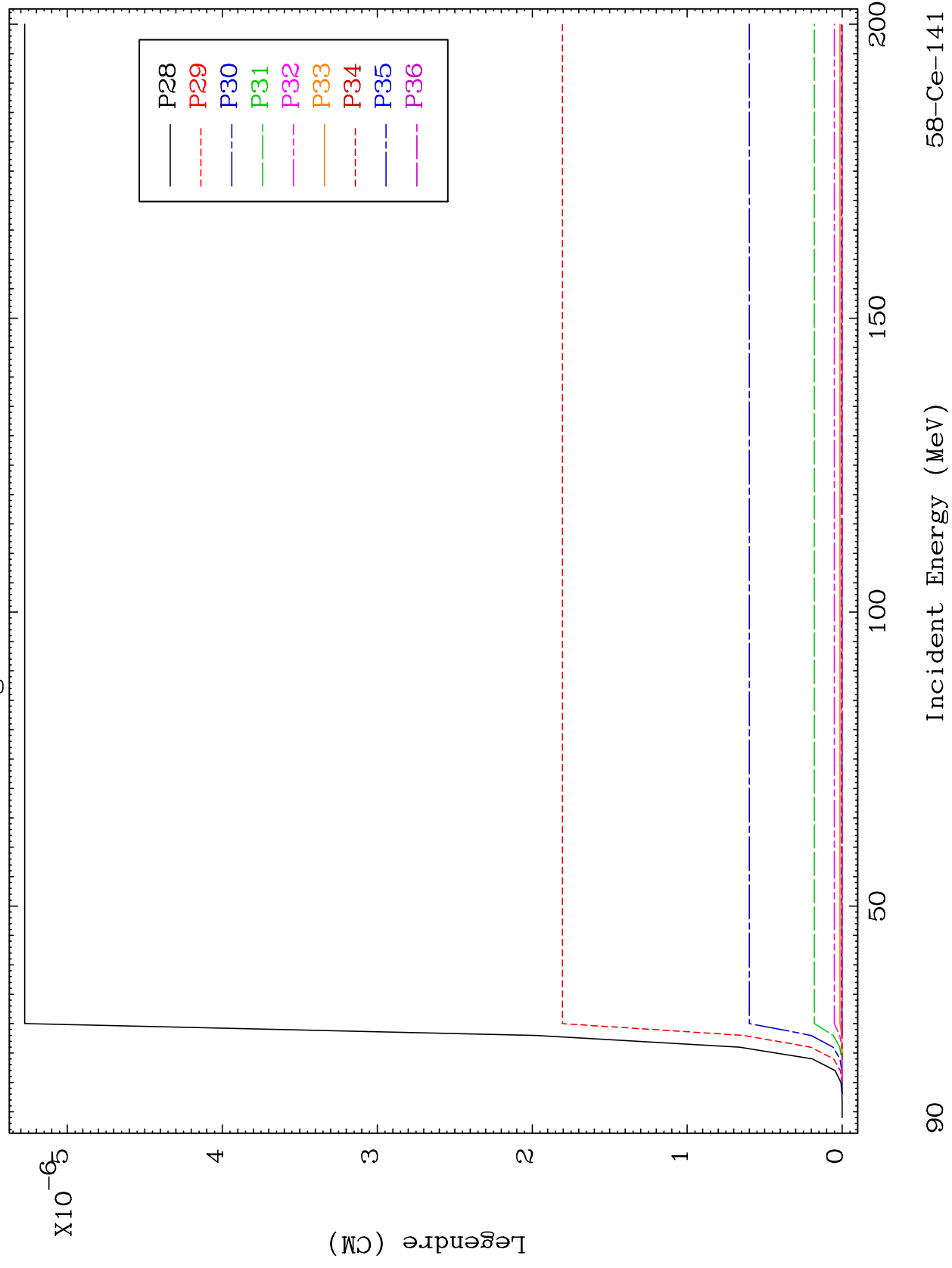
58-Ce-141



MAT 5840

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

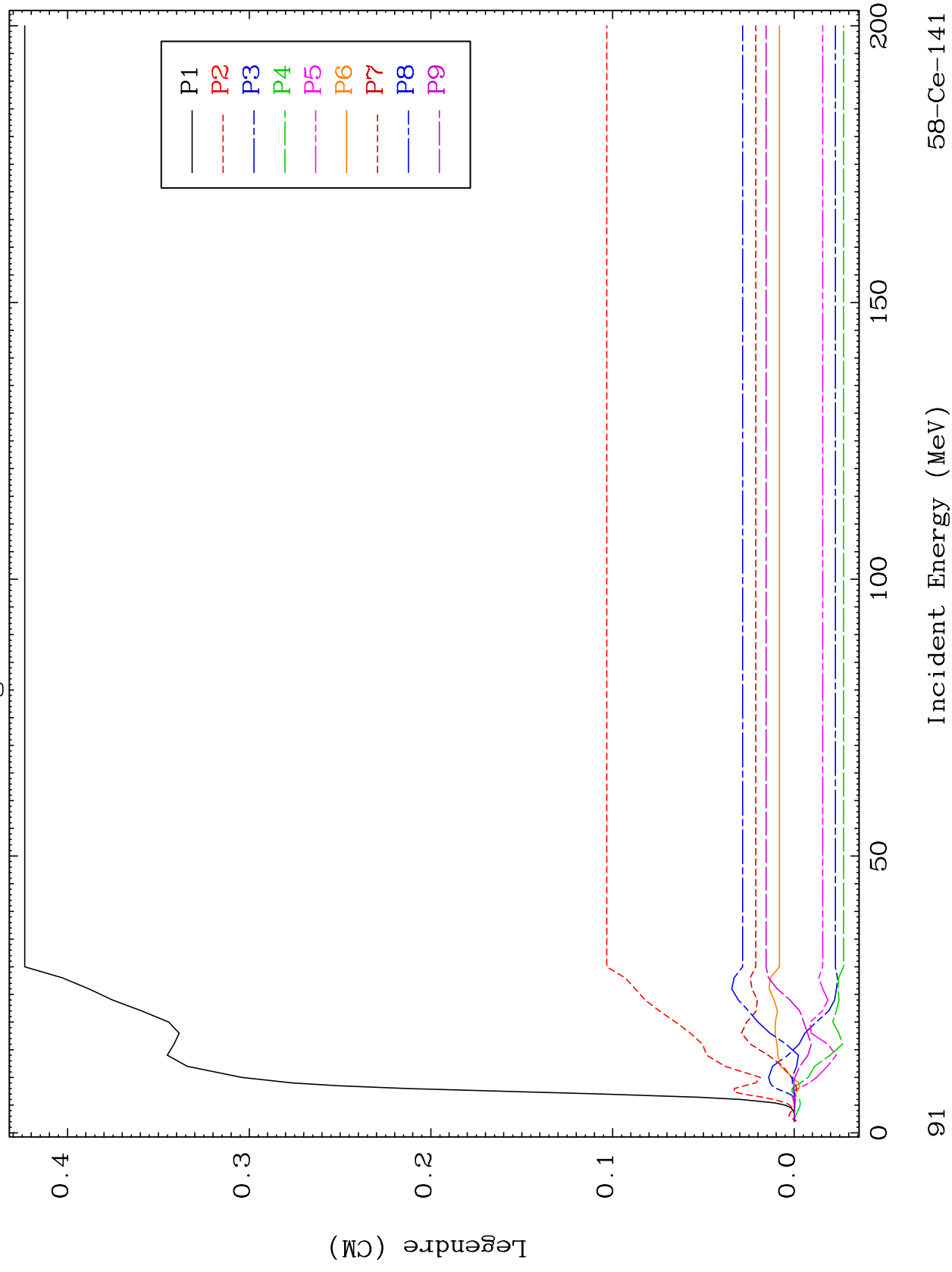
58-Ce-141

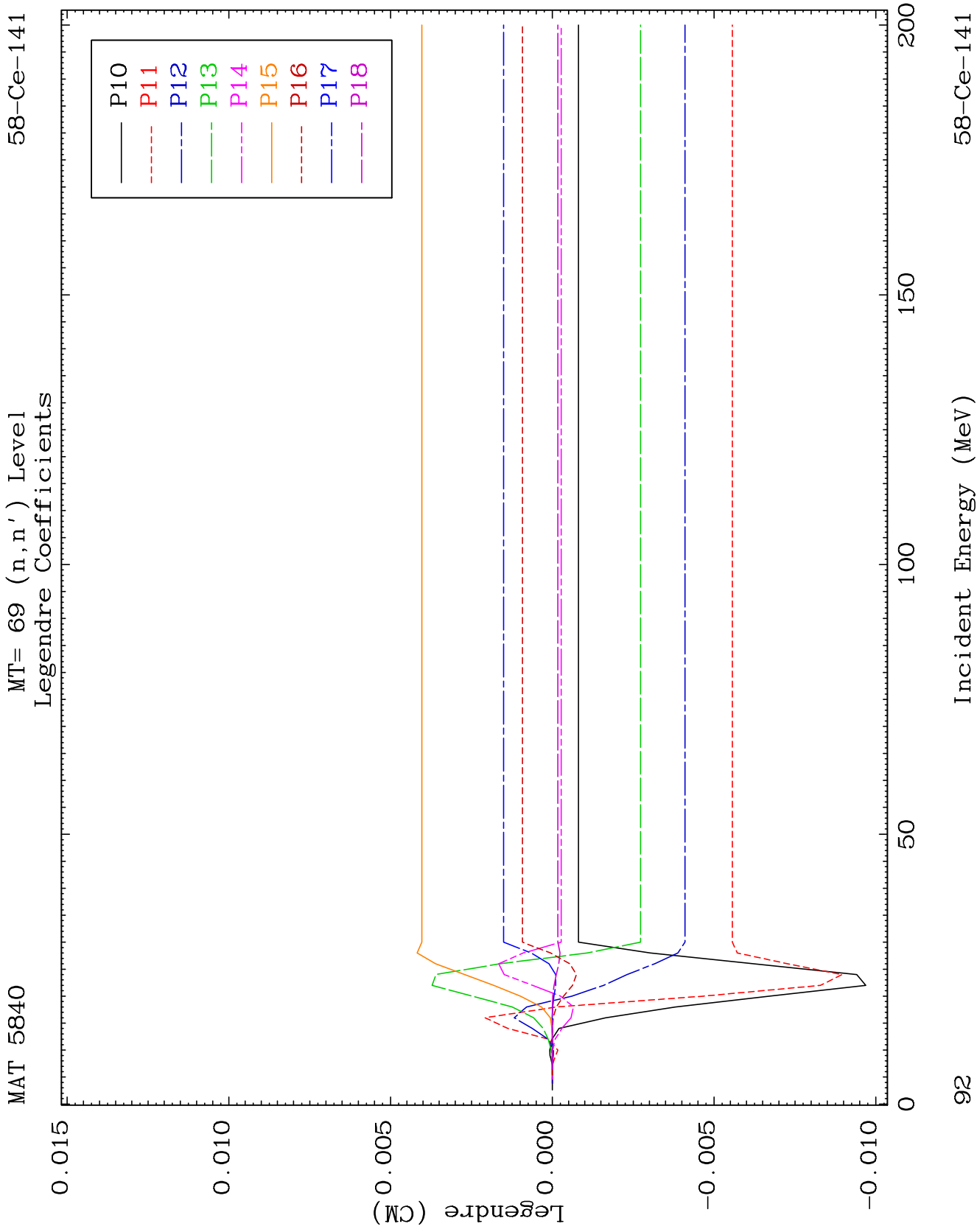


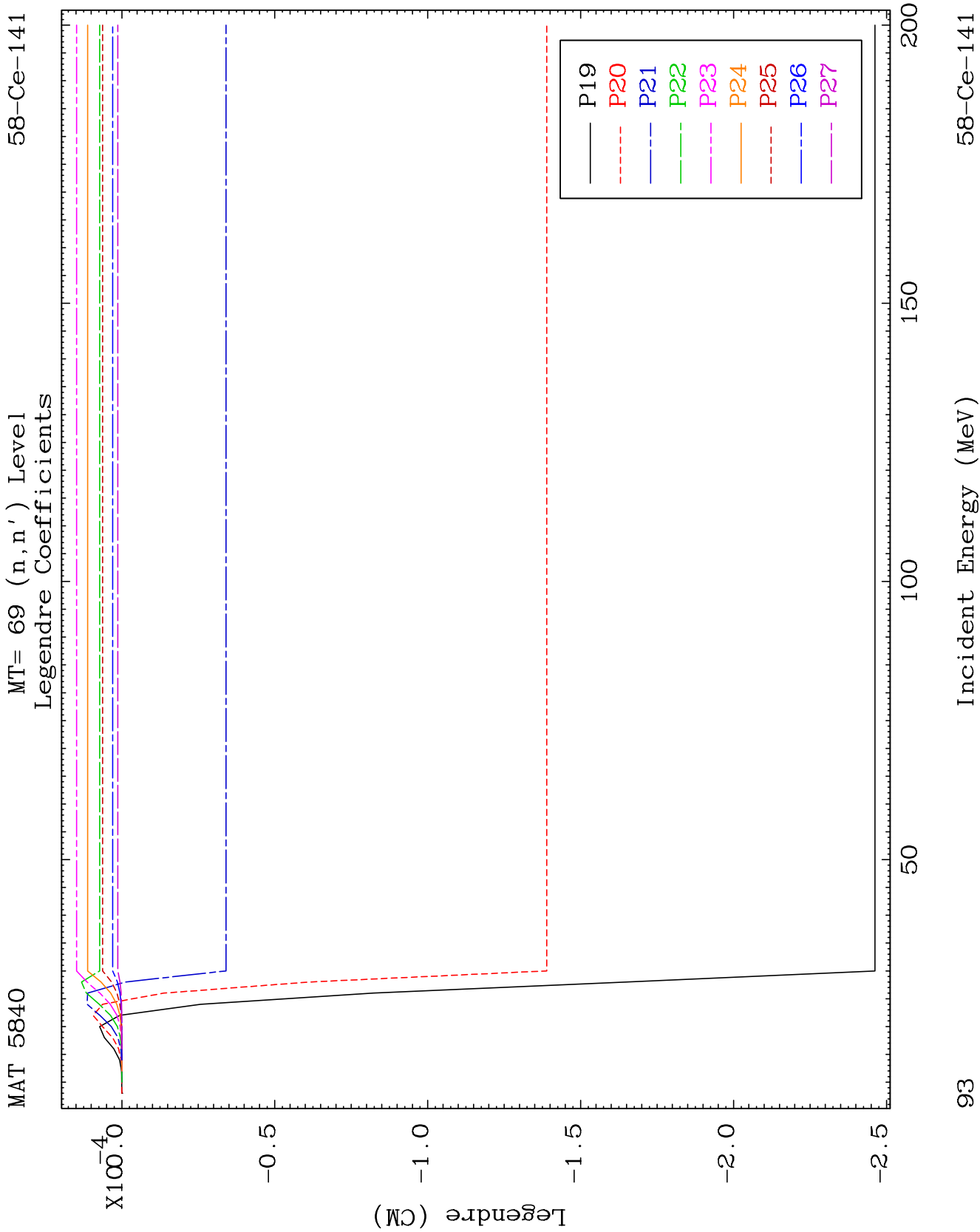
MAT 5840

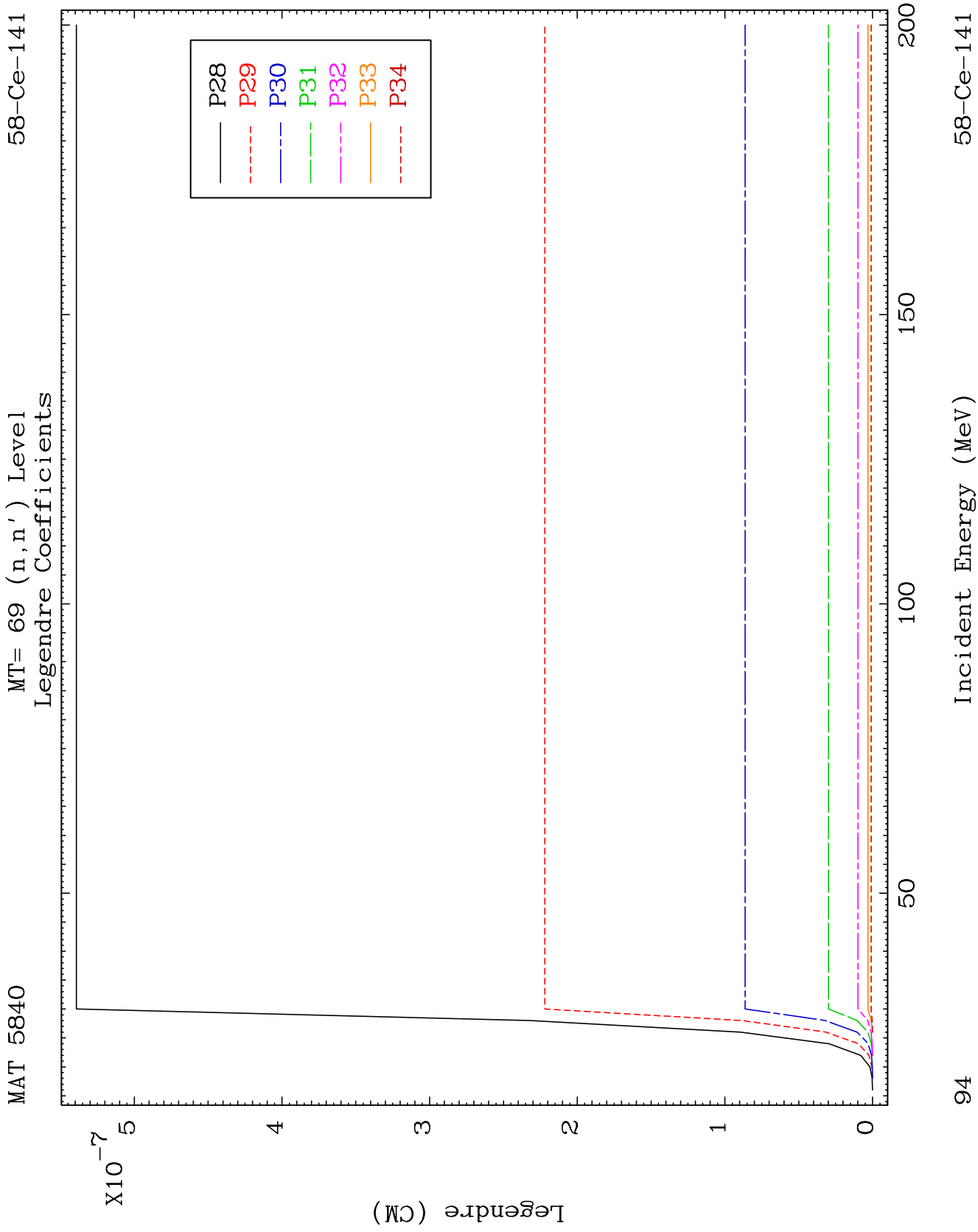
MT= 69 (n, n') Level
Legendre Coefficients

58-Ce-141





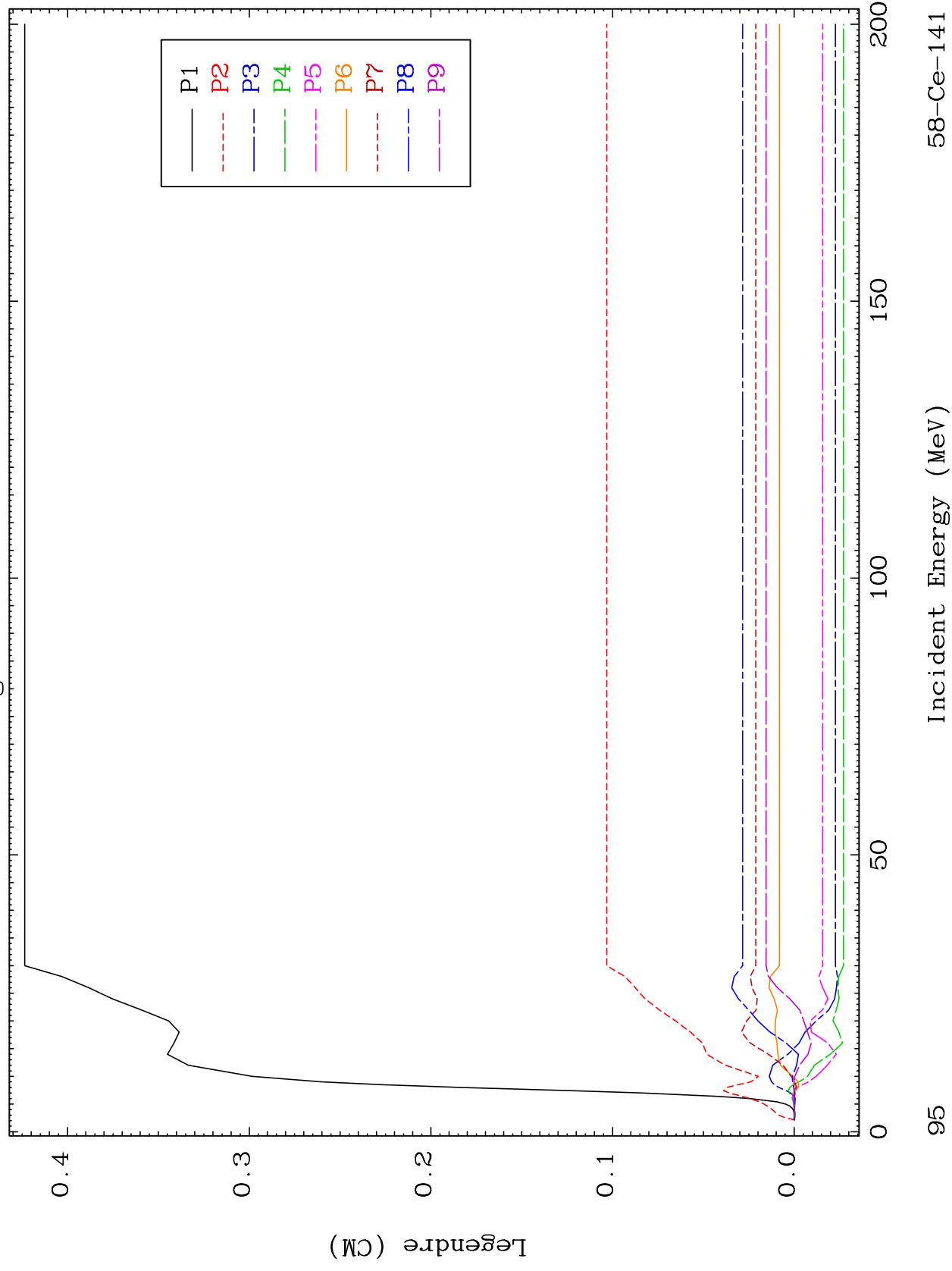


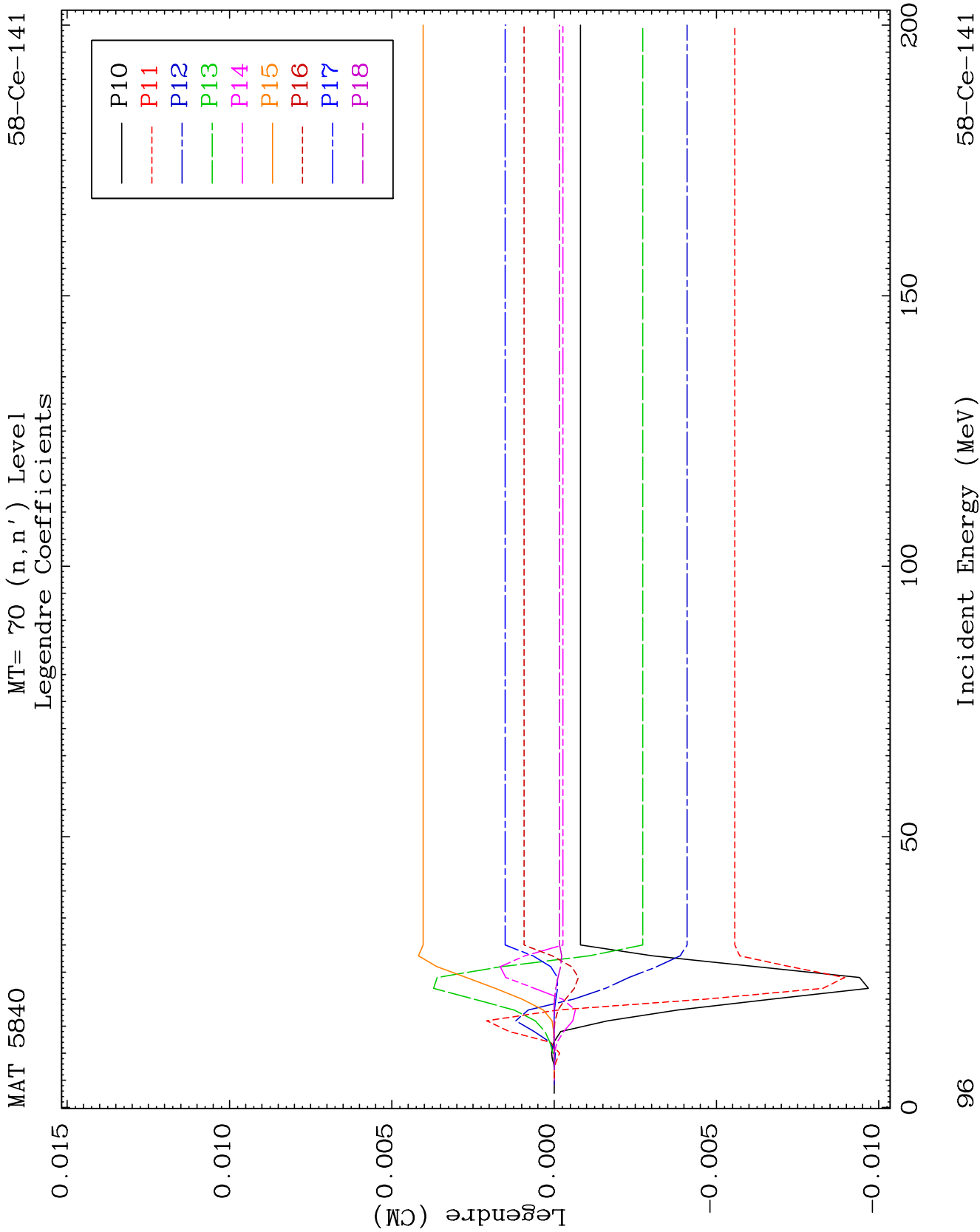


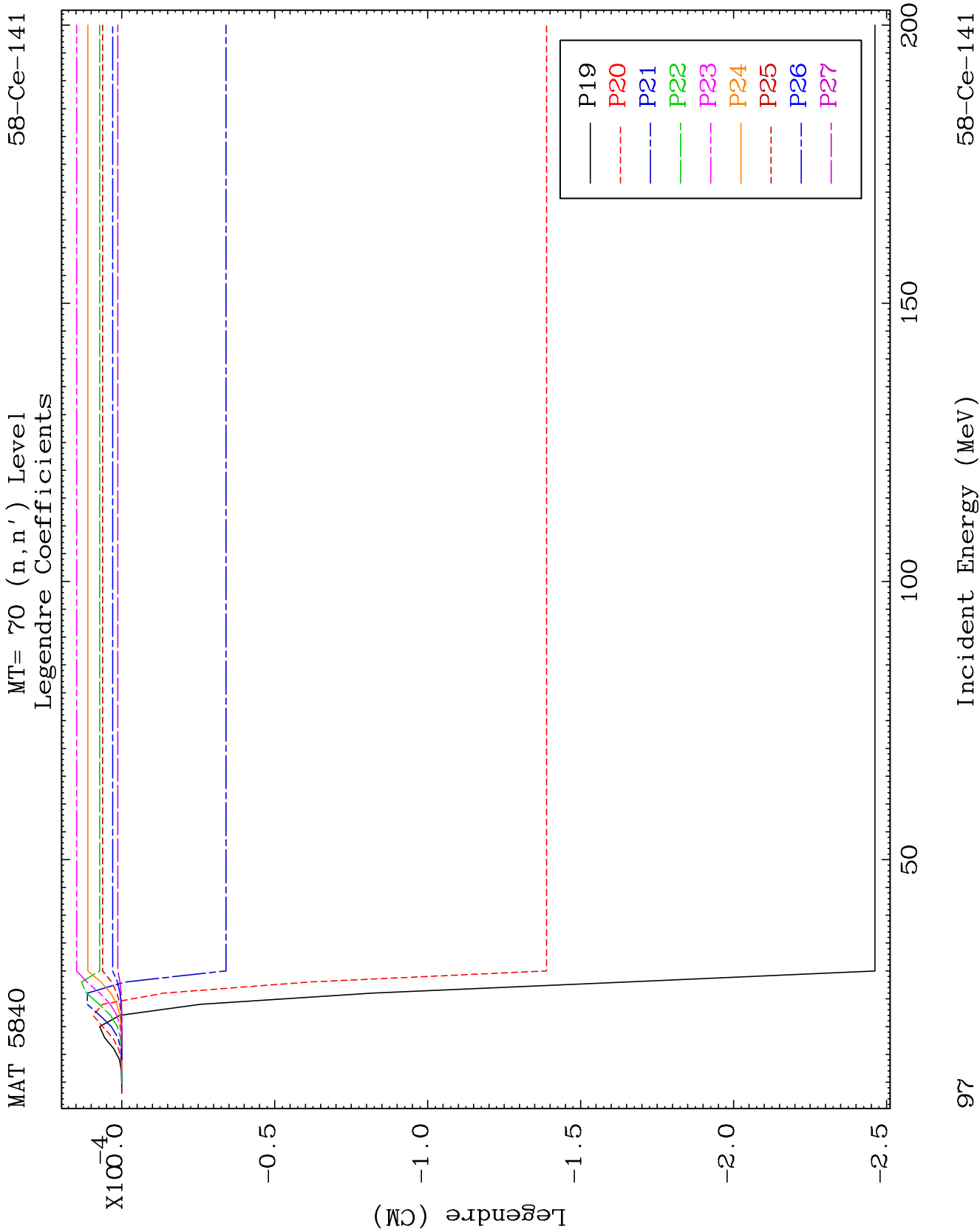
MAT 5840

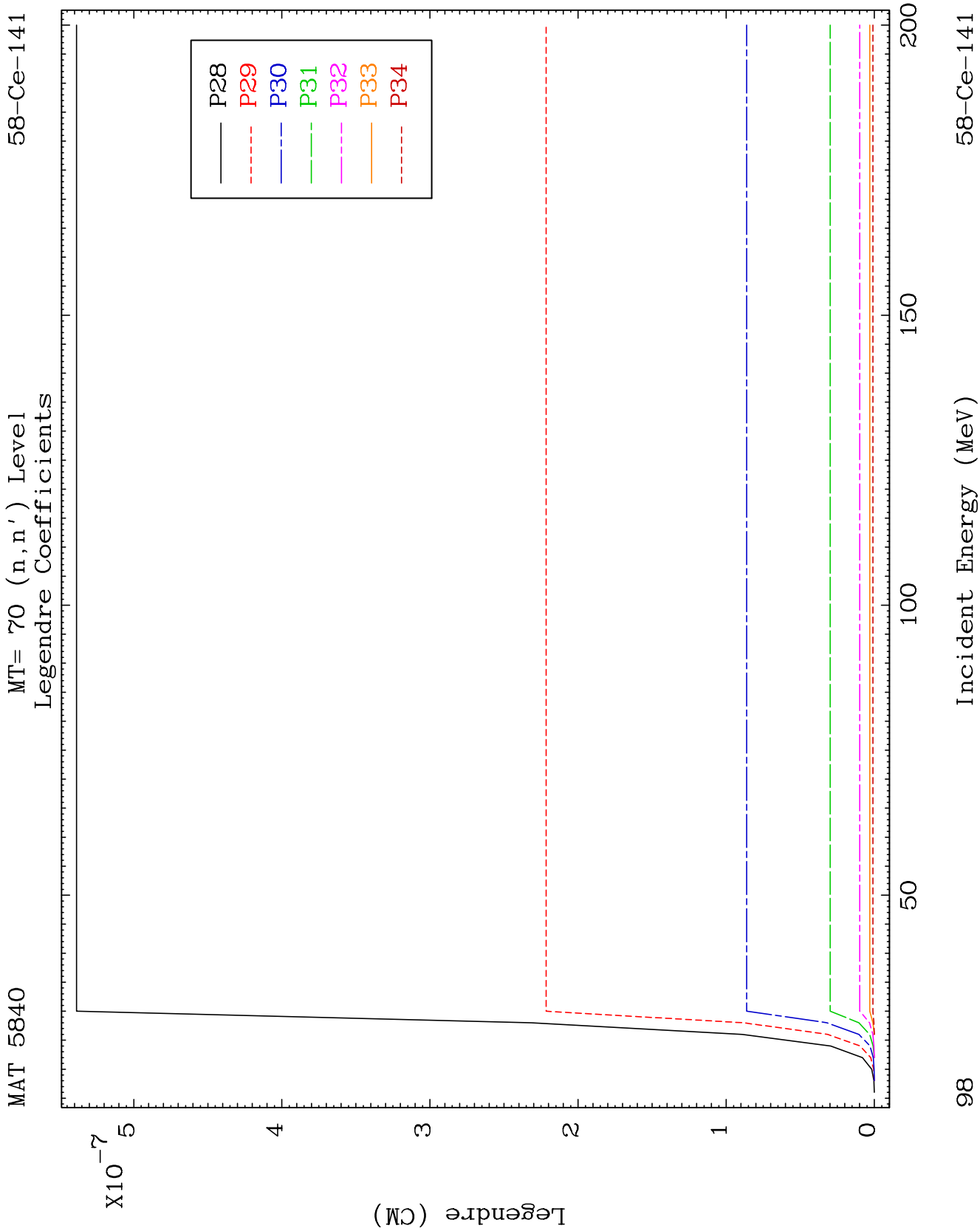
MT= 70 (n, n') Level
Legendre Coefficients

58-Ce-141





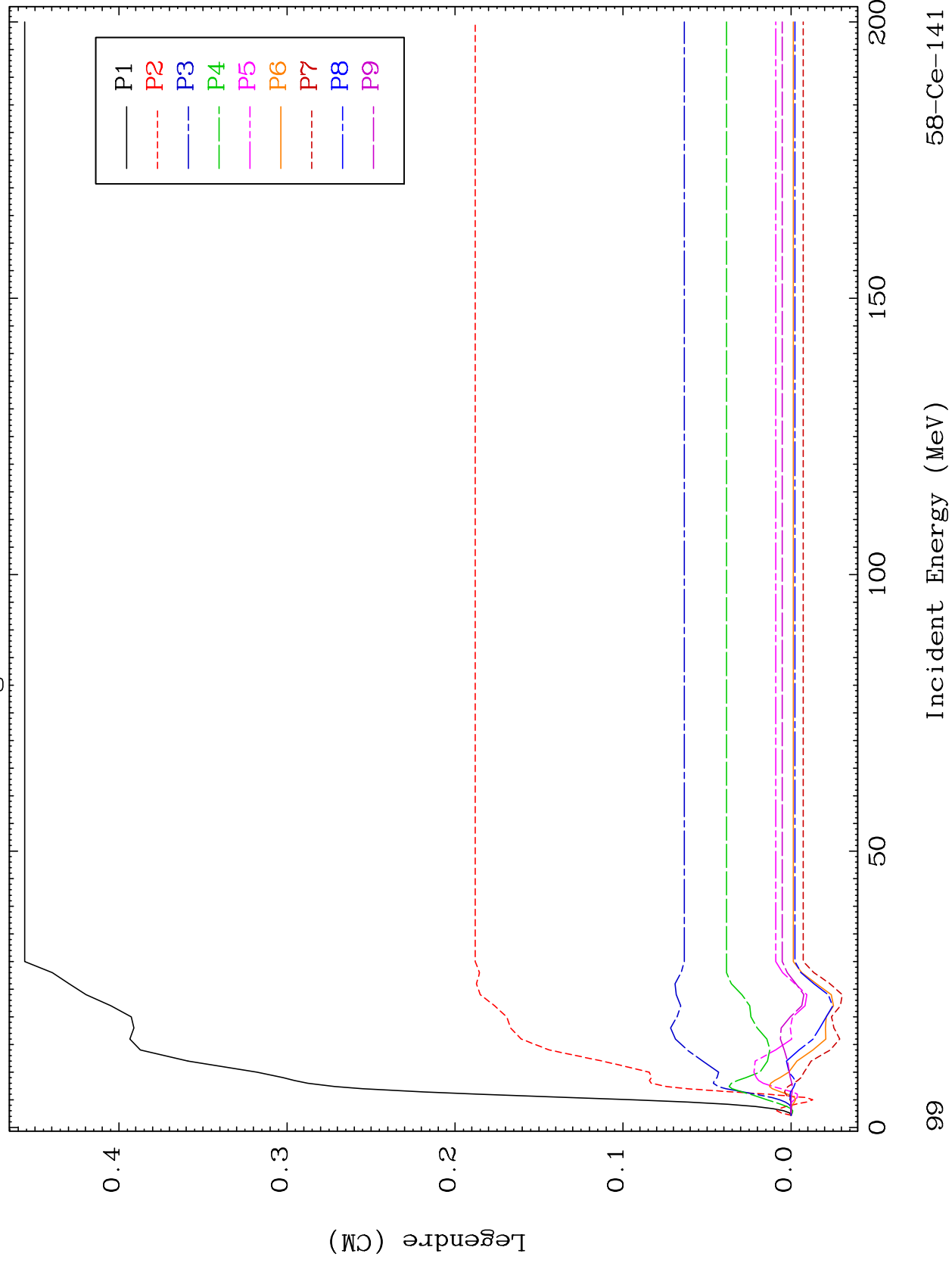


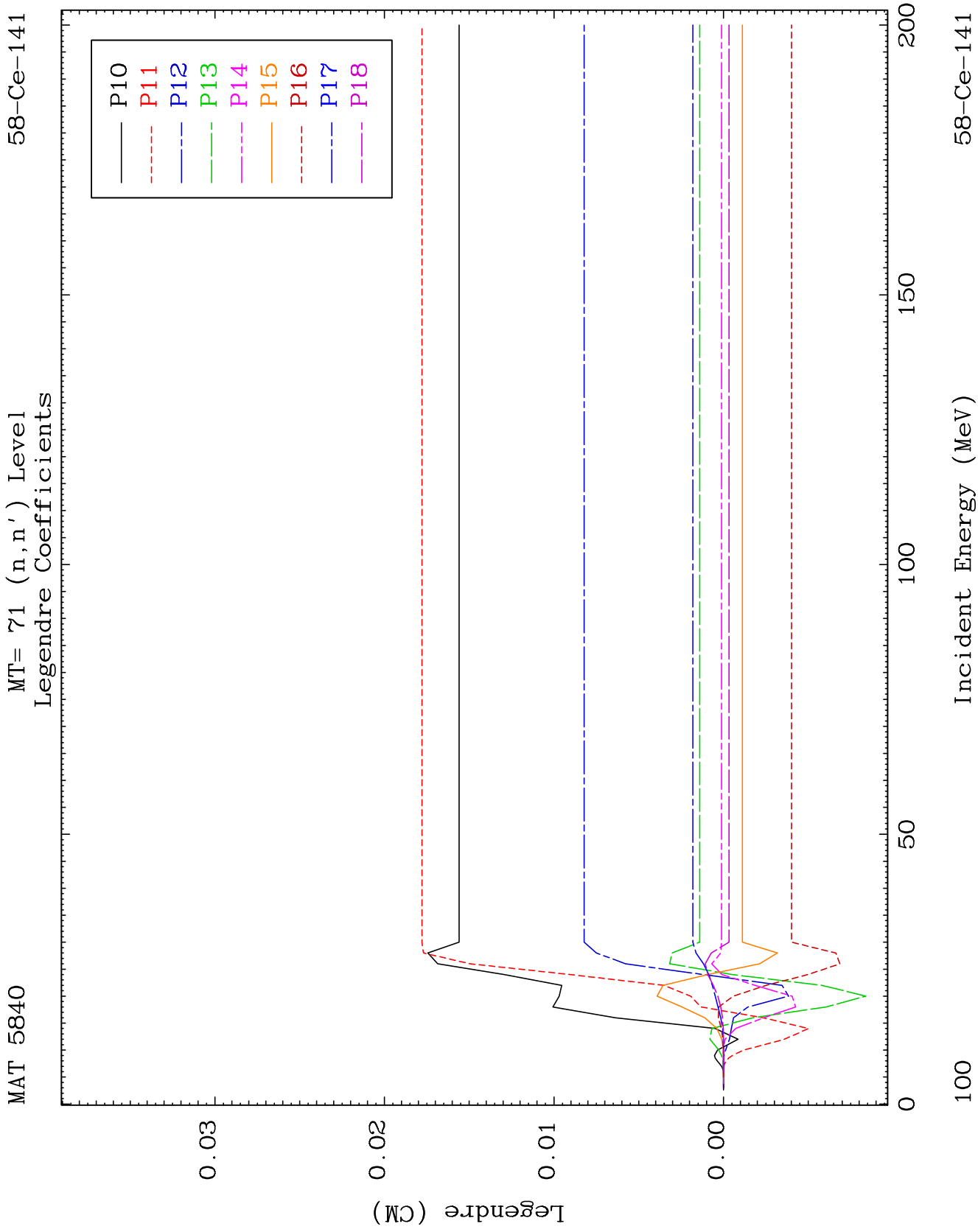


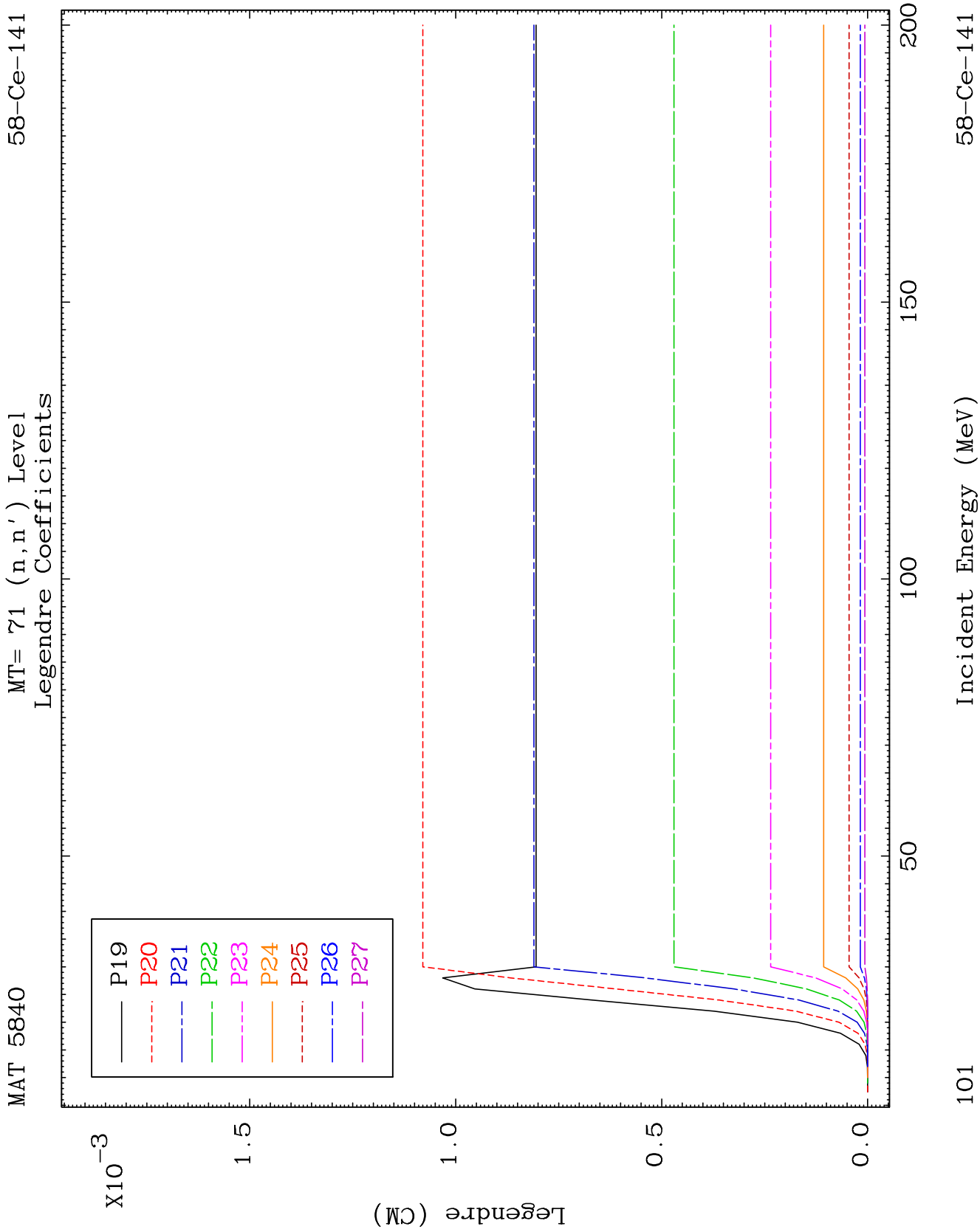
MAT 5840

MT= 71 (n, n') Level
Legendre Coefficients

58-Ce-141



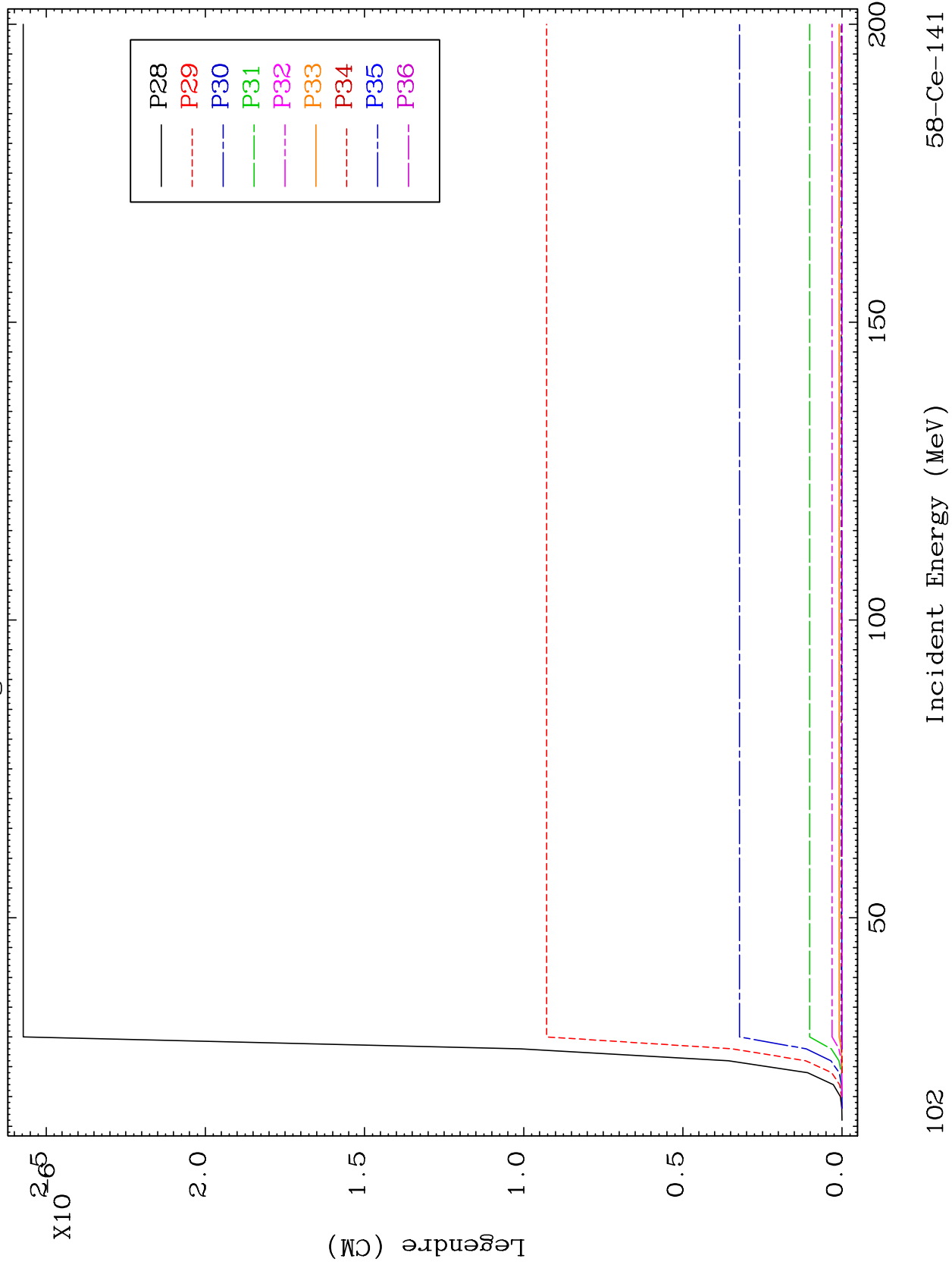


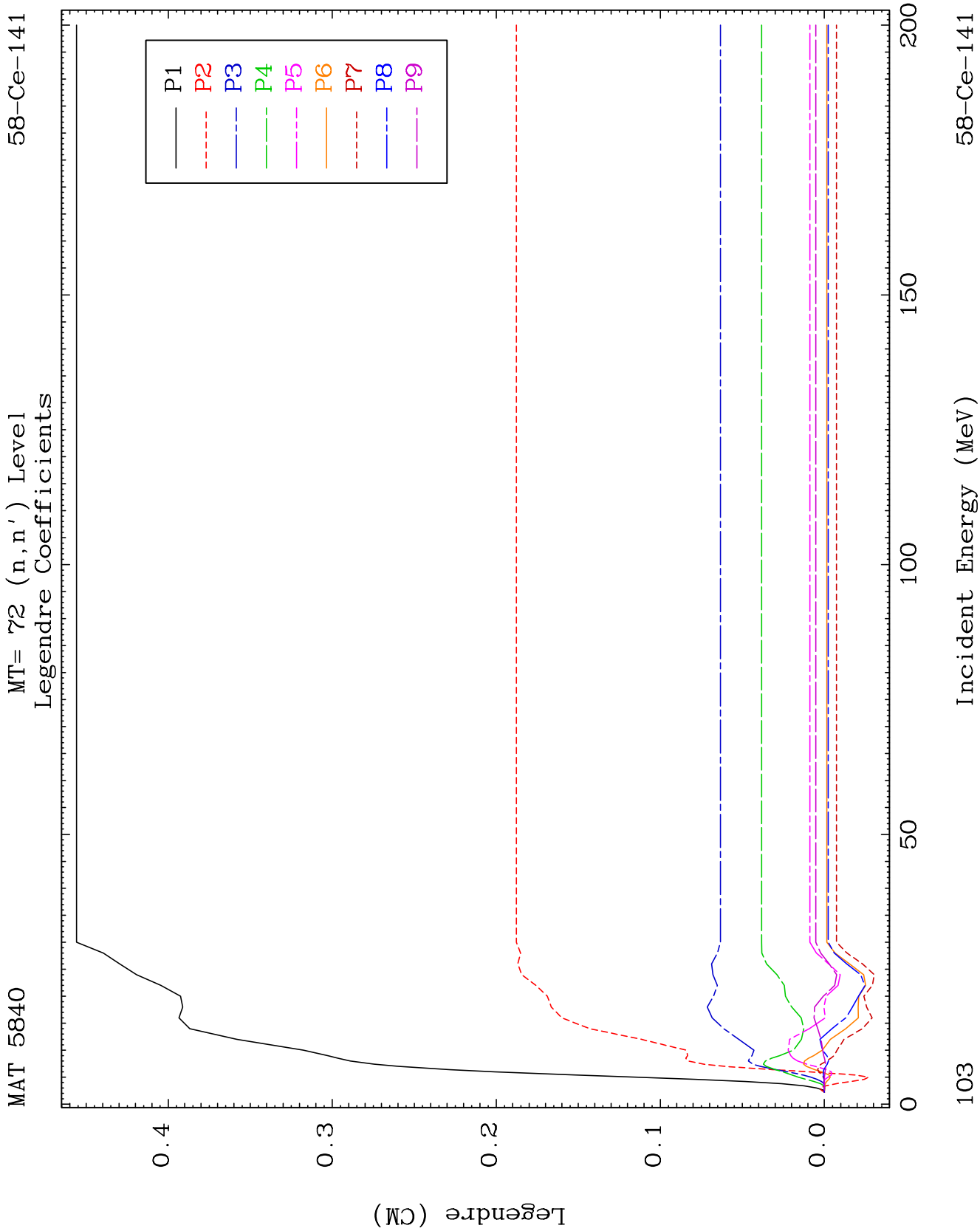


MAT 5840

MT= 71 (n, n') Level
Legendre Coefficients

58-Ce-141

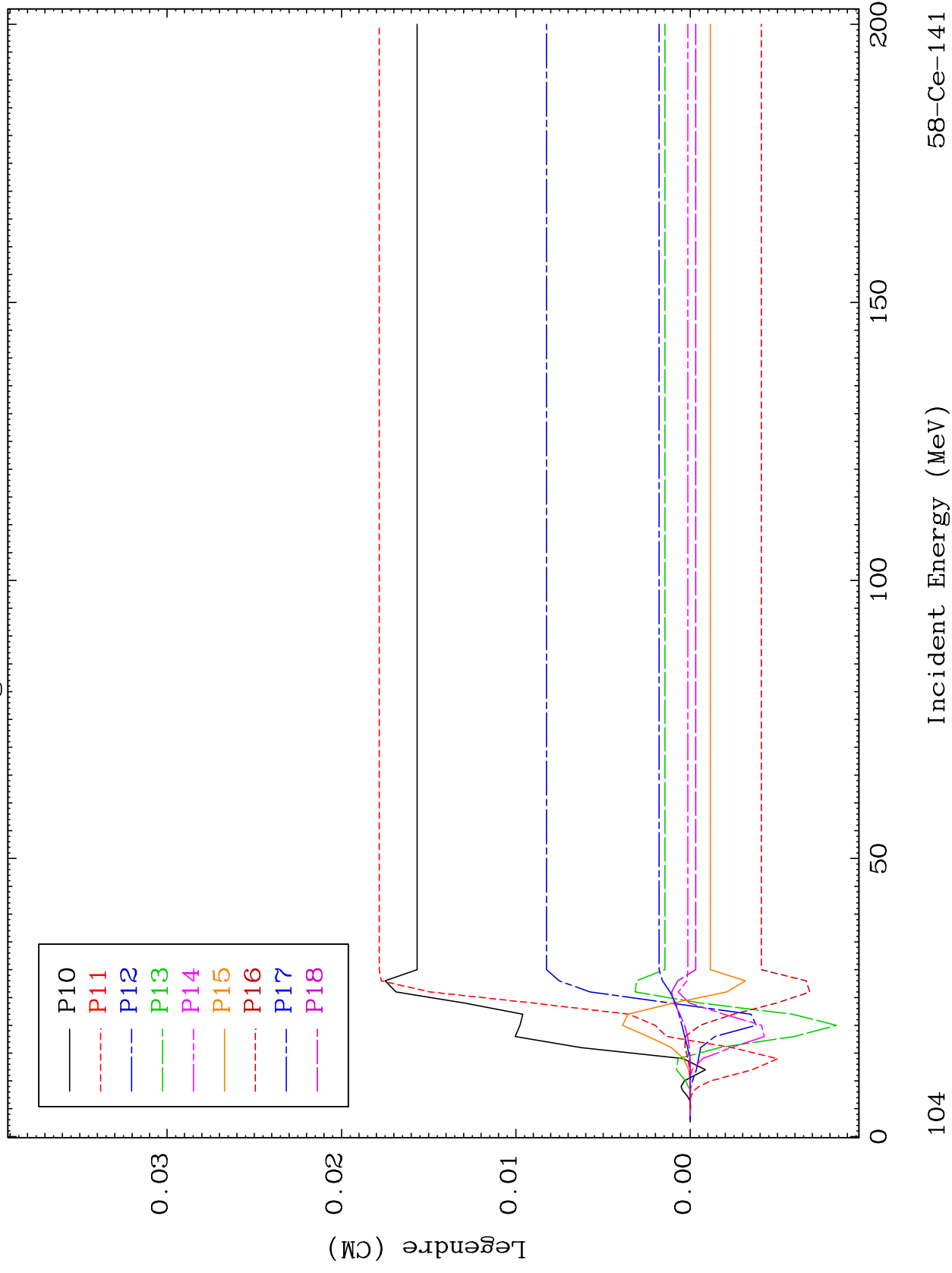




MAT 5840

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

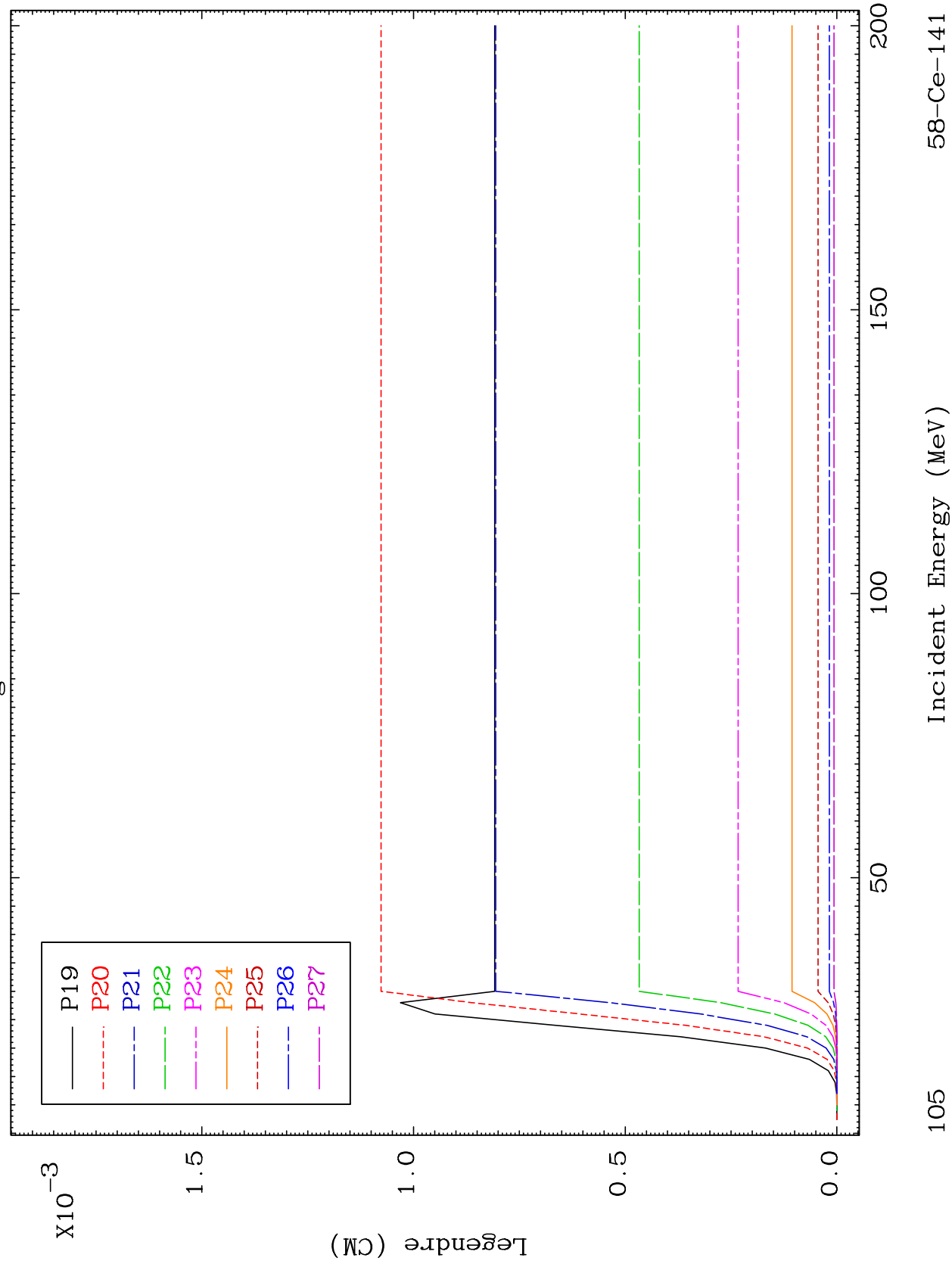
58-Ce-141



MAT 5840

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

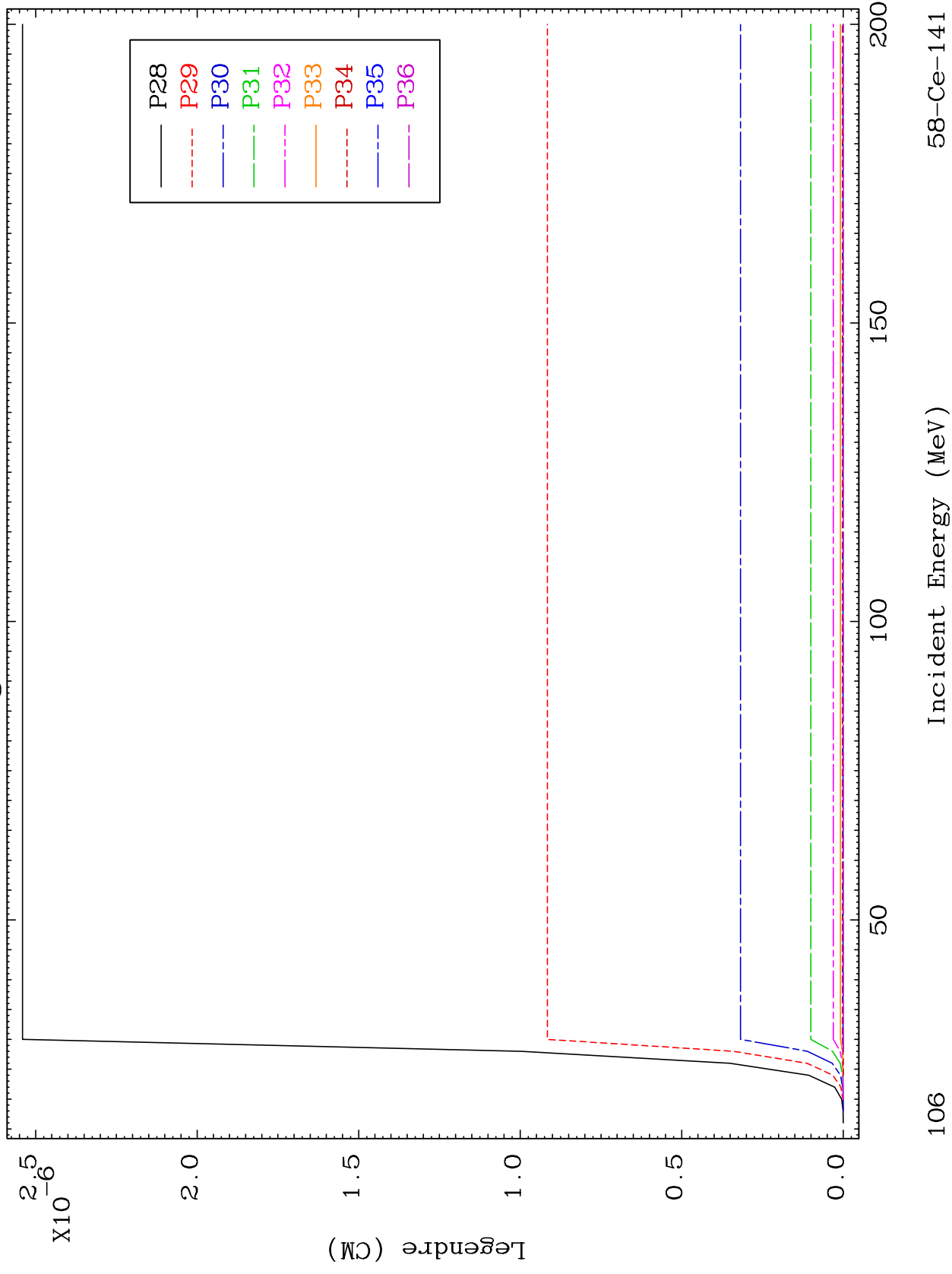
58-Ce-141



MAT 5840

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

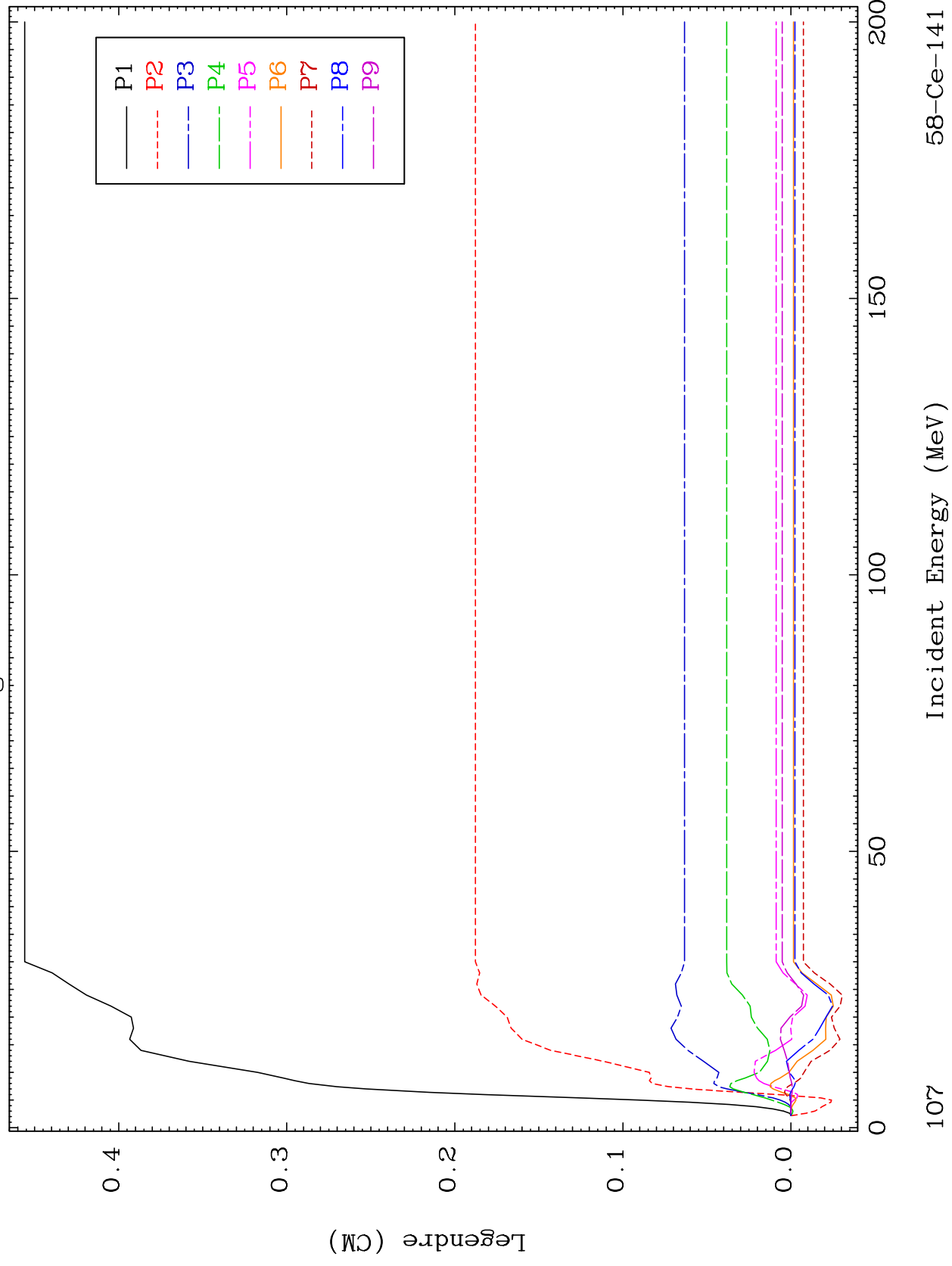
58-Ce-141

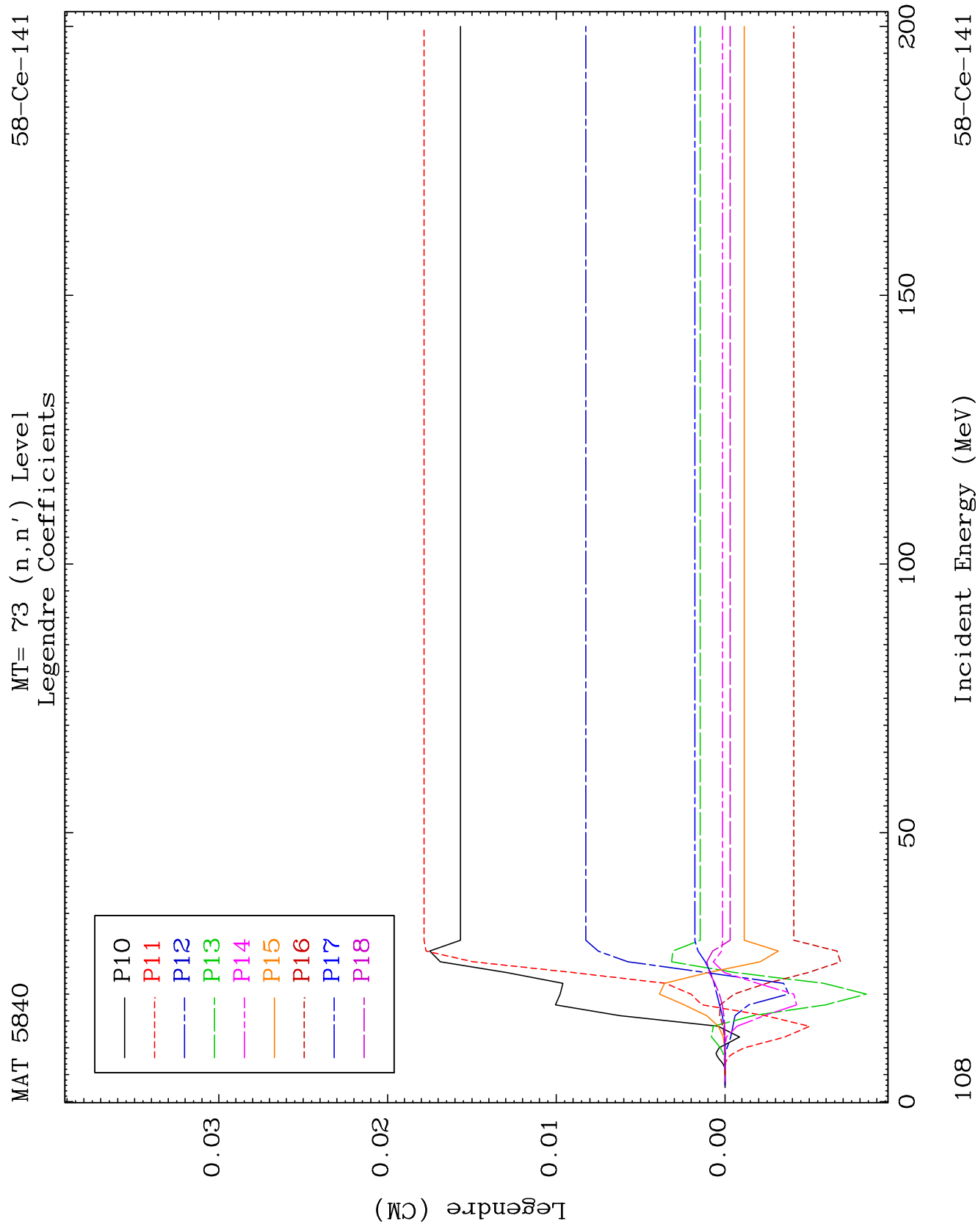


MAT 5840

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

58-Ce-141

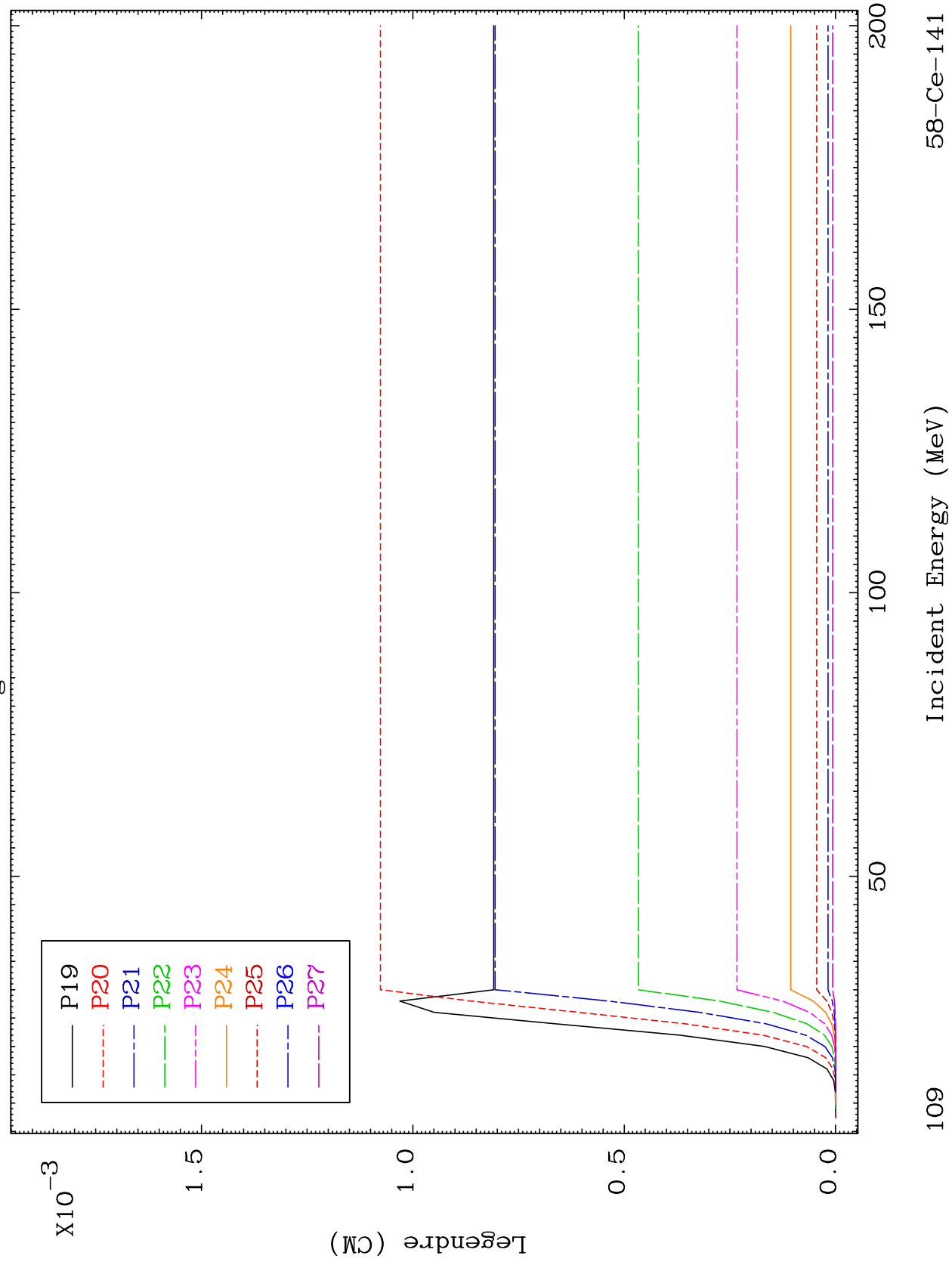




MAT 5840

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

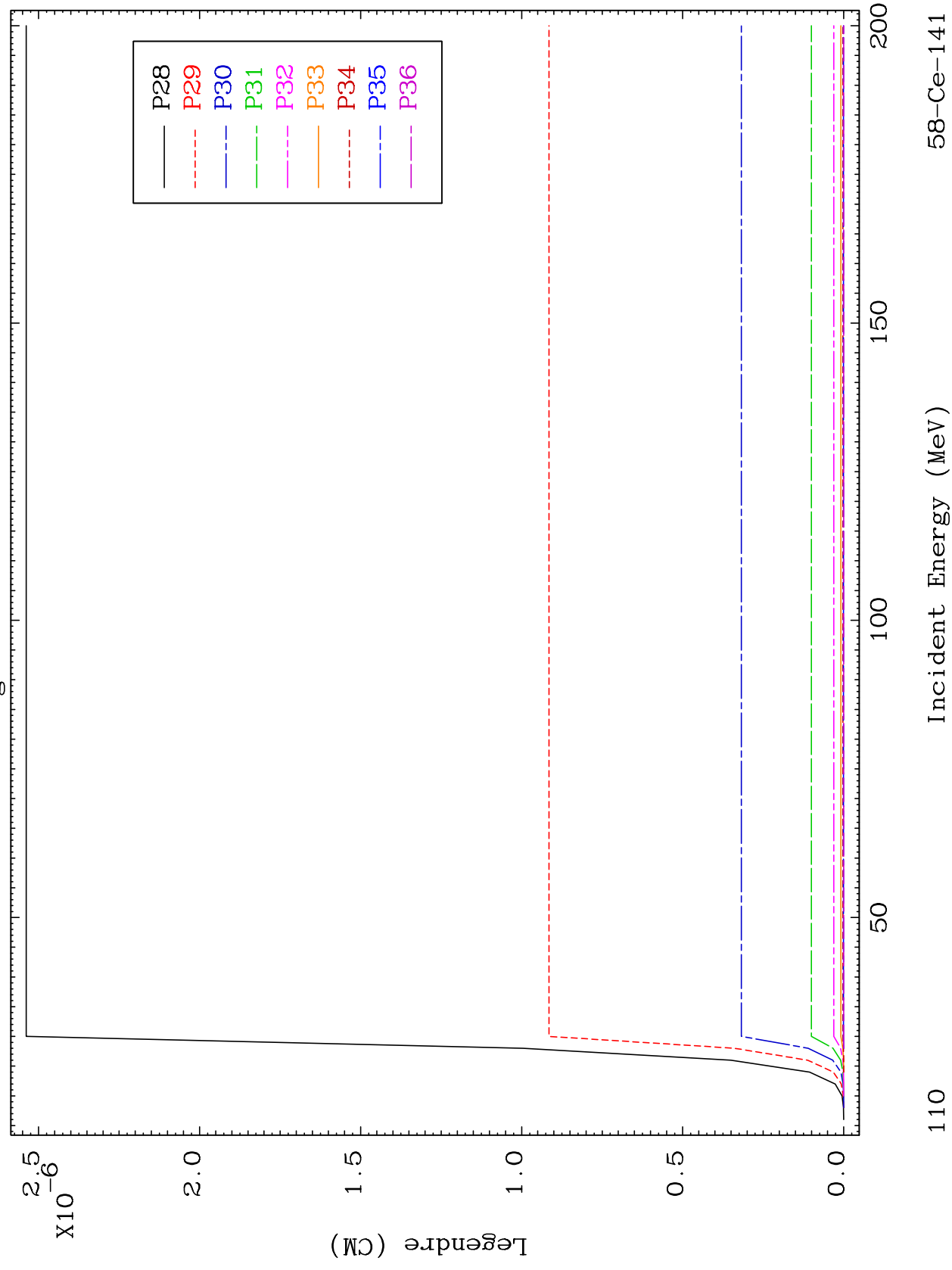
58-Ce-141

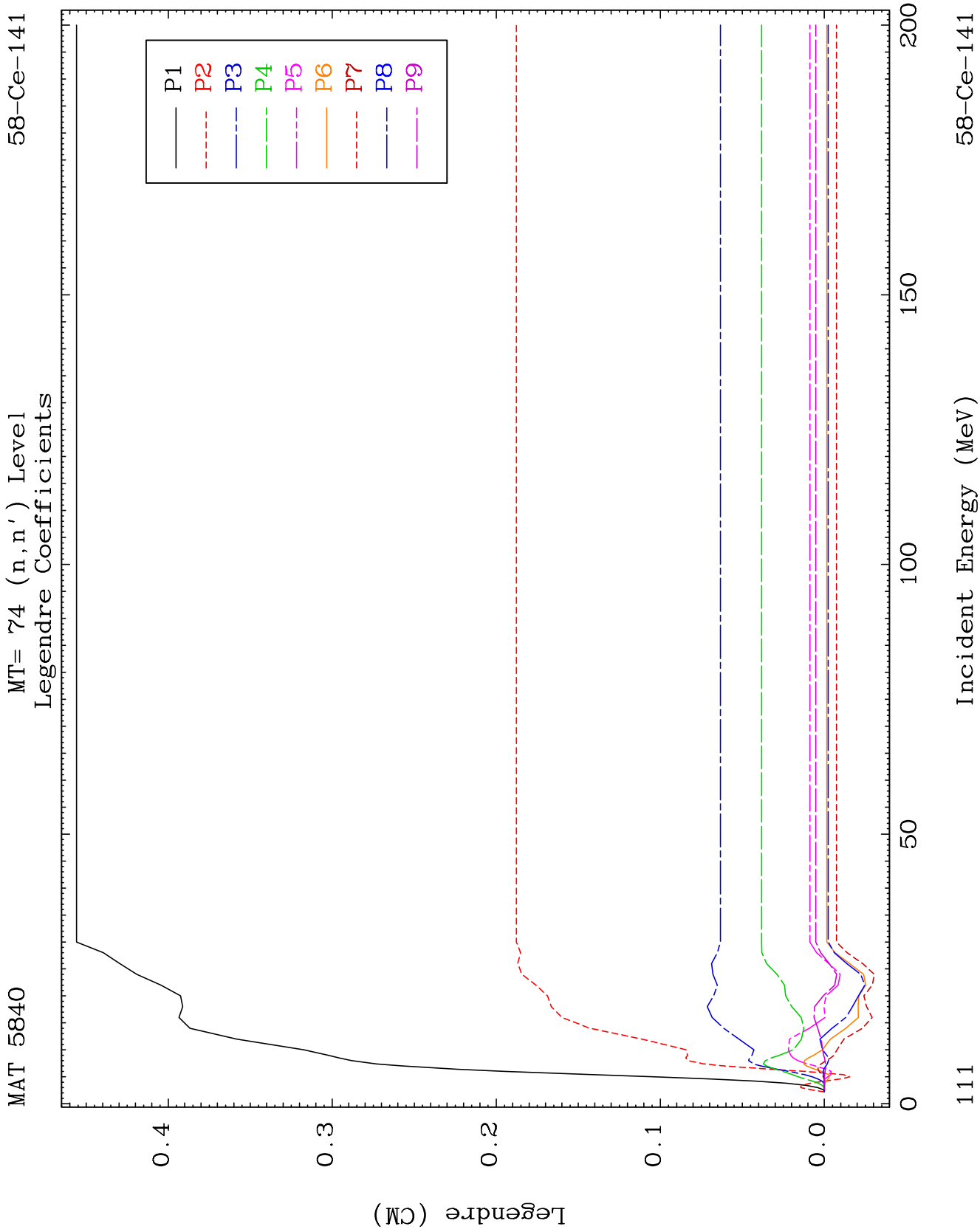


MAT 5840

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

58-Ce-141

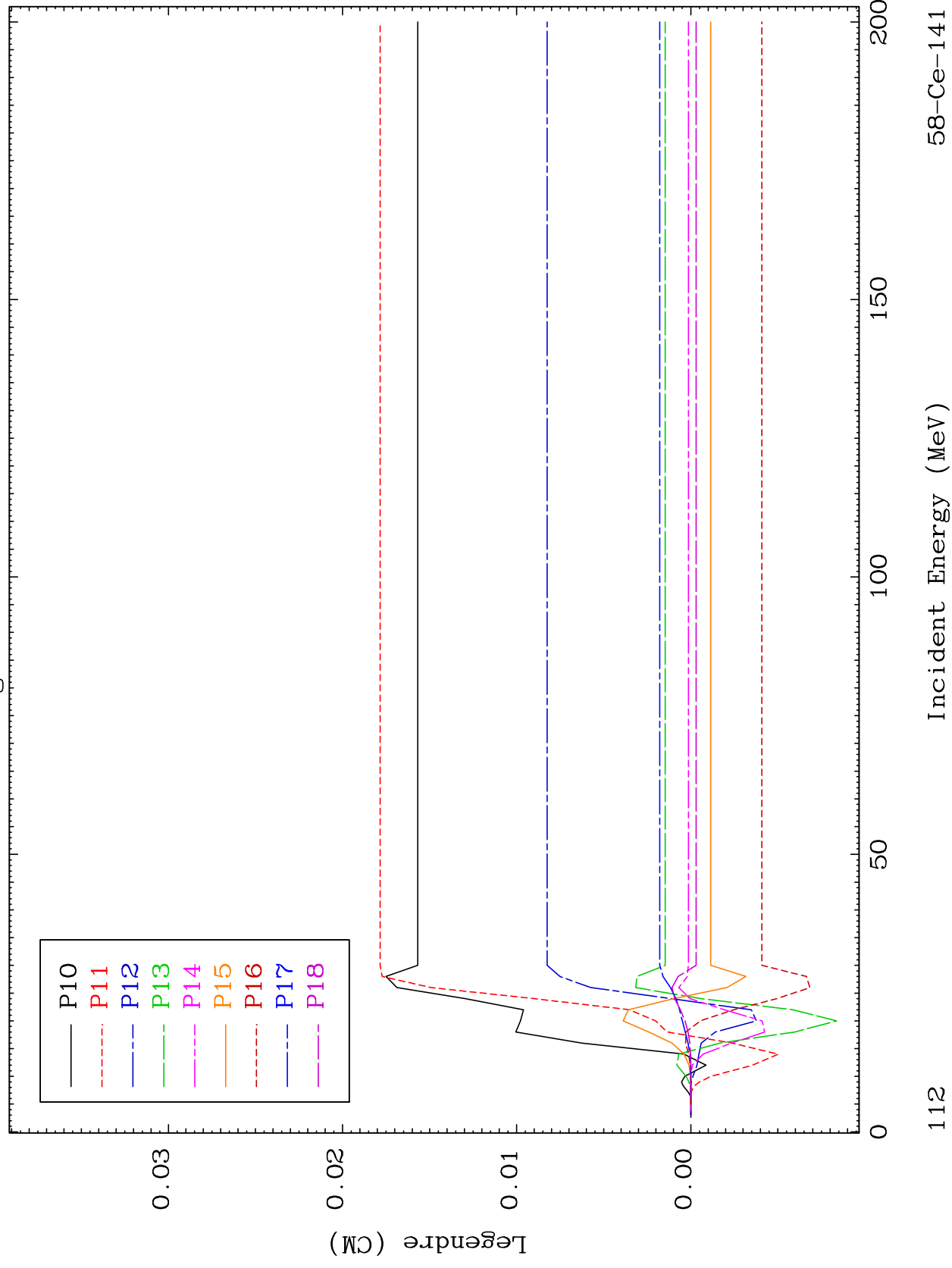


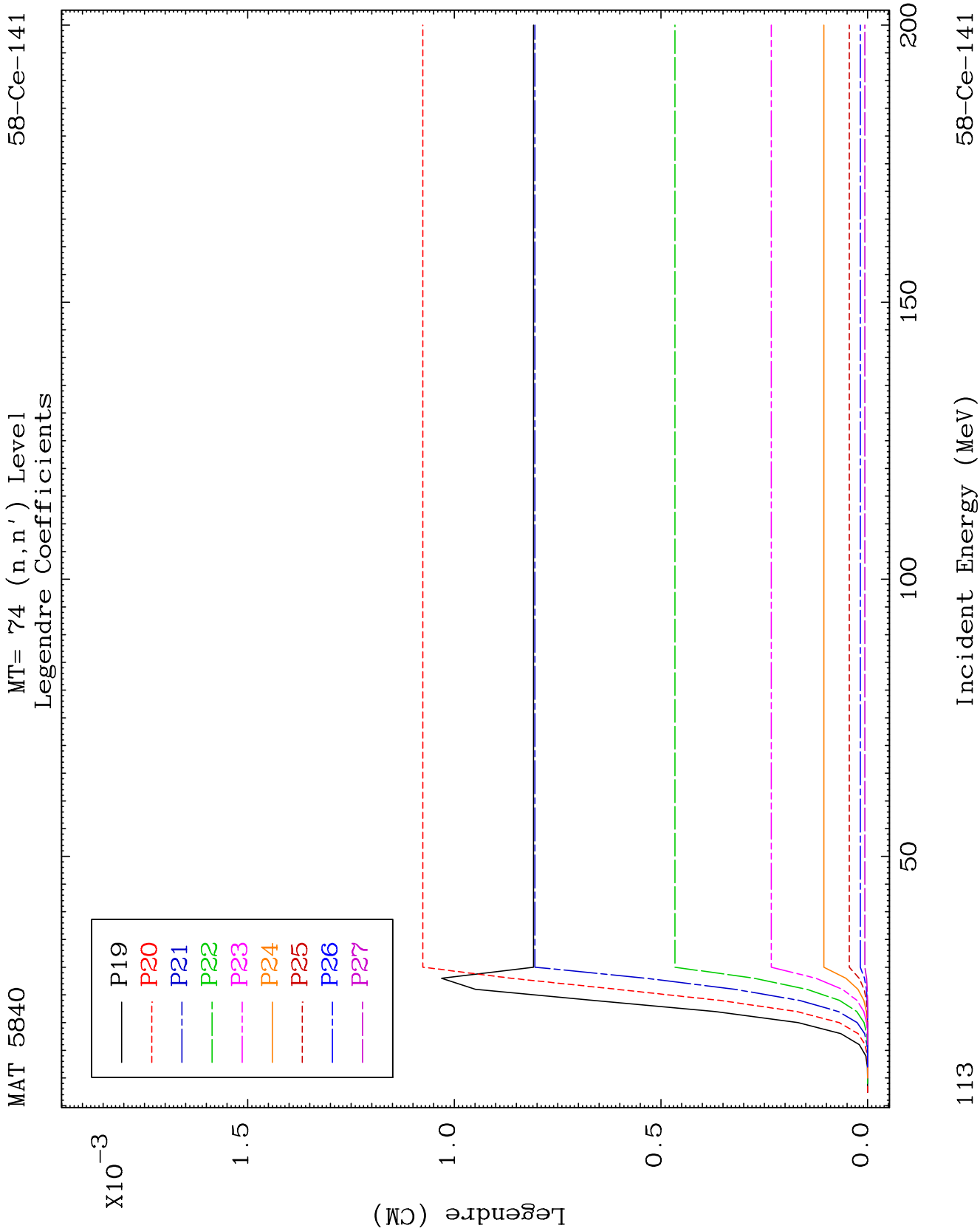


MAT 5840

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

58-Ce-141

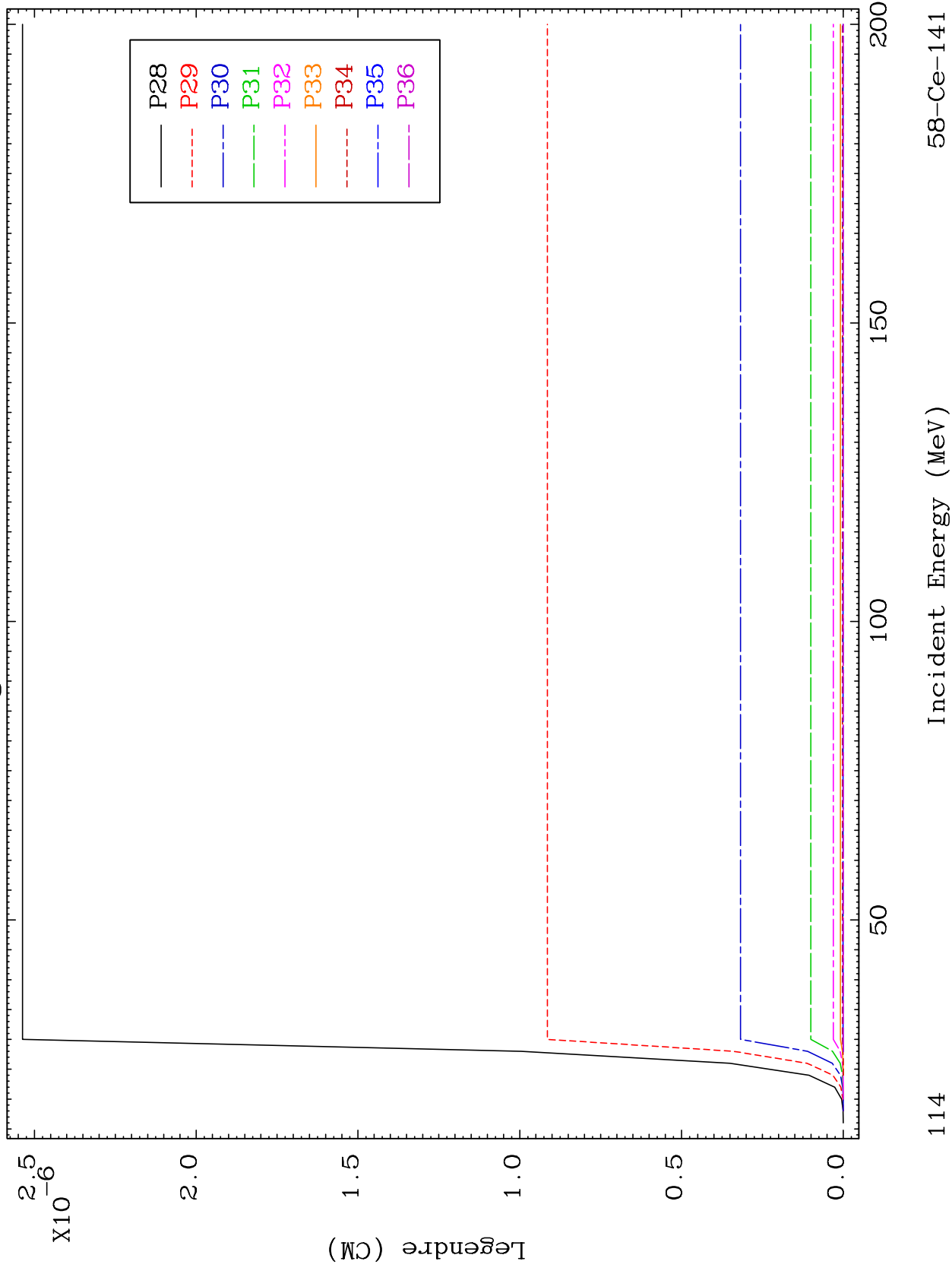




MAT 5840

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

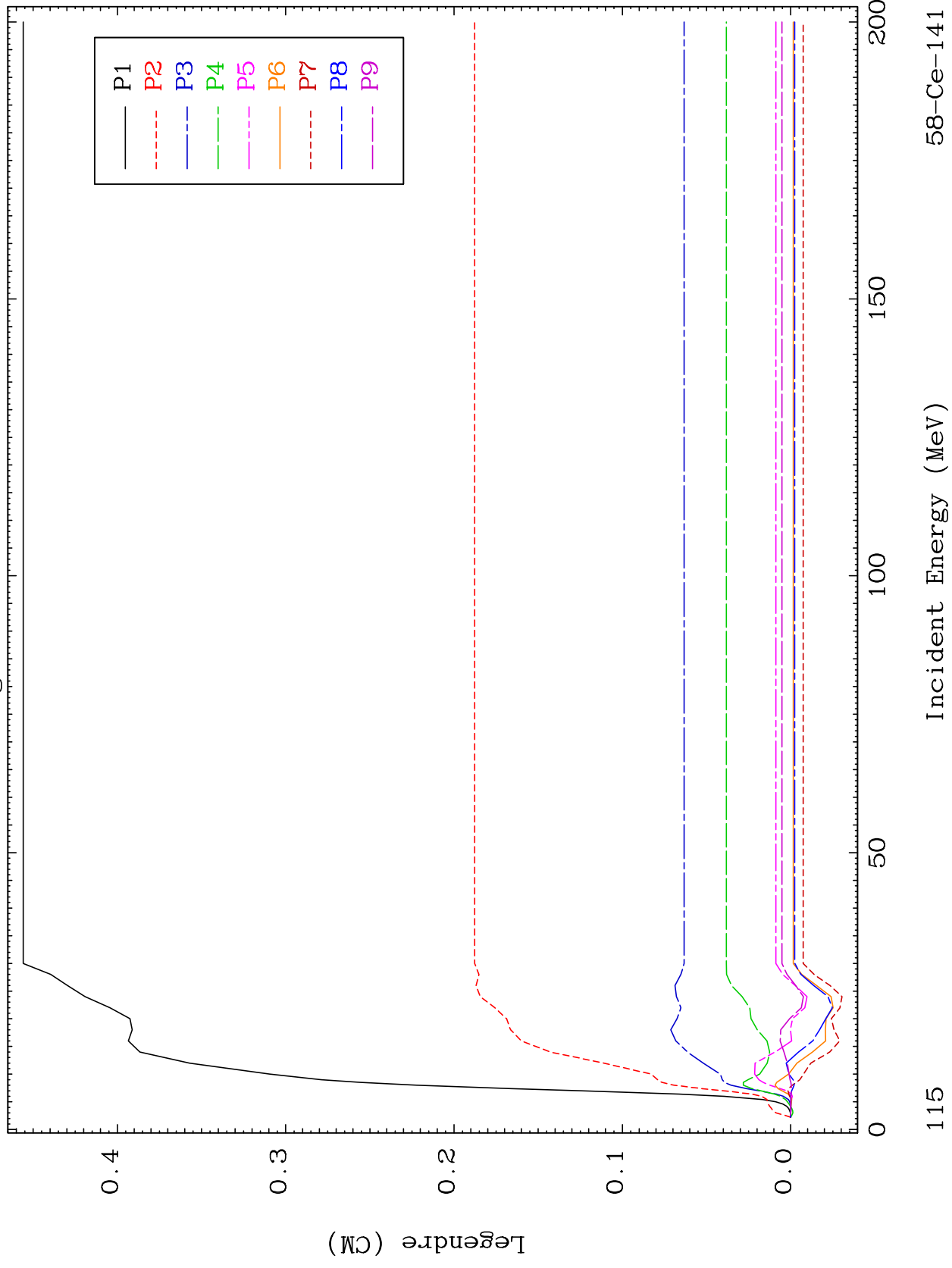
58-Ce-141

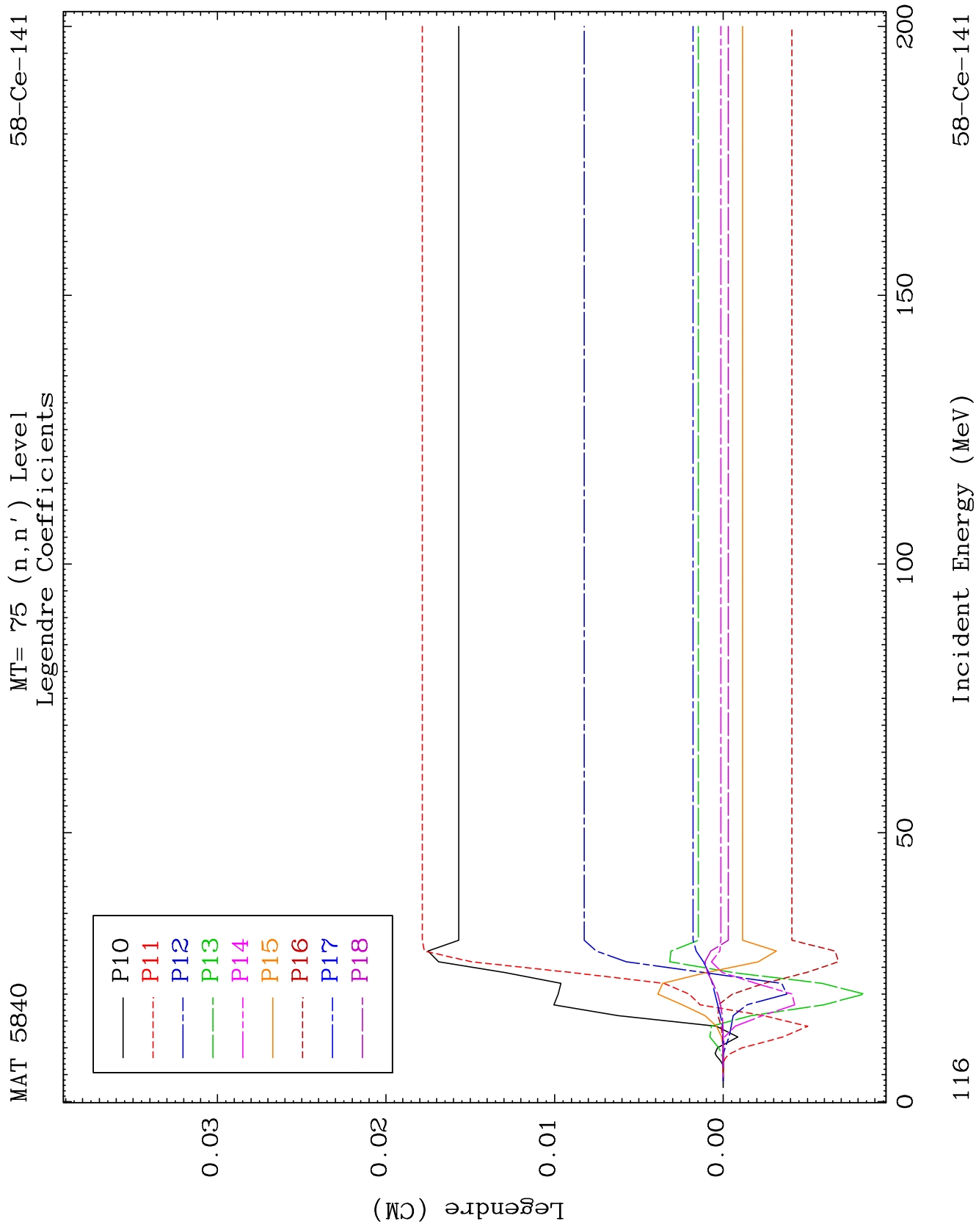


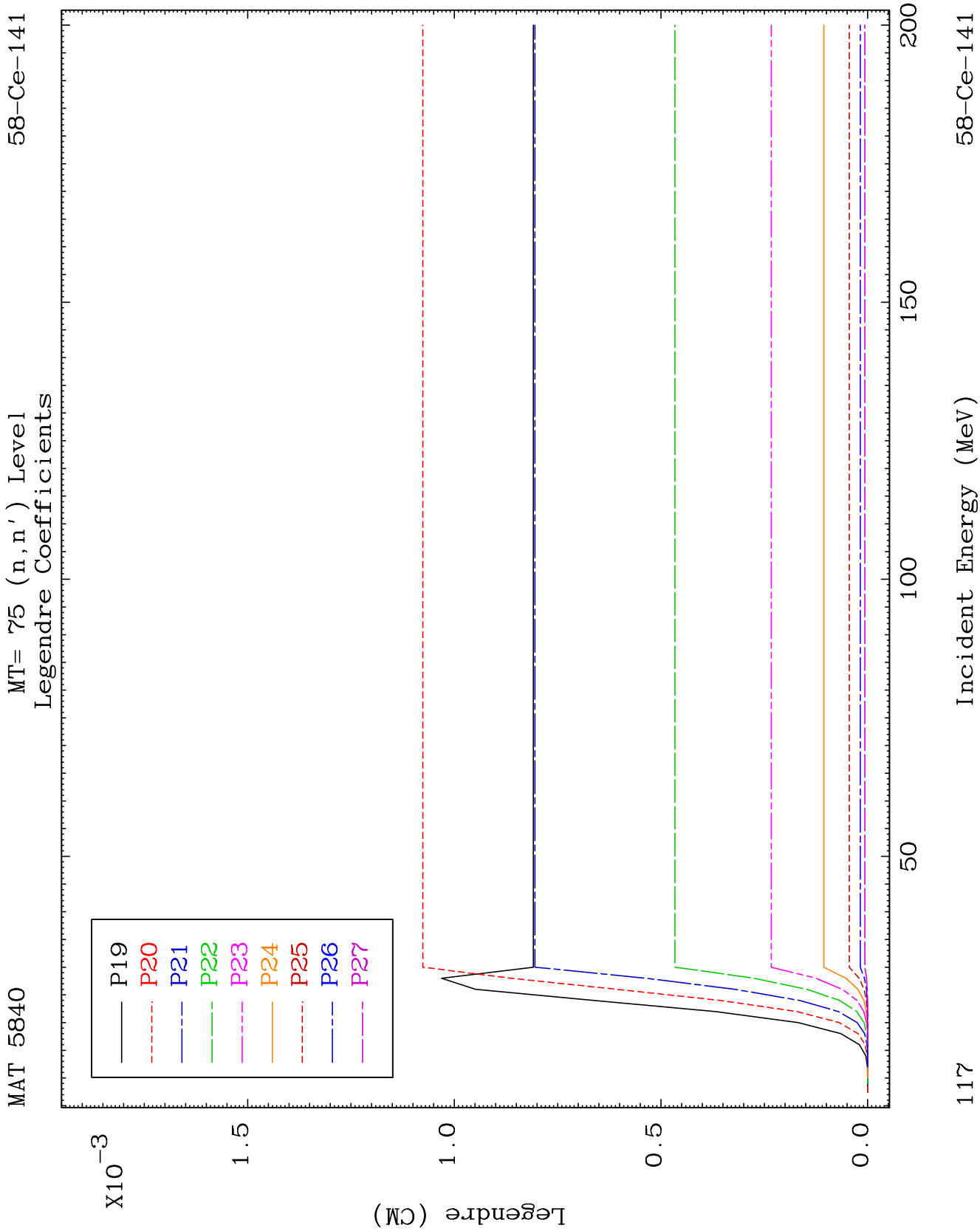
MAT 5840

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

58-Ce-141



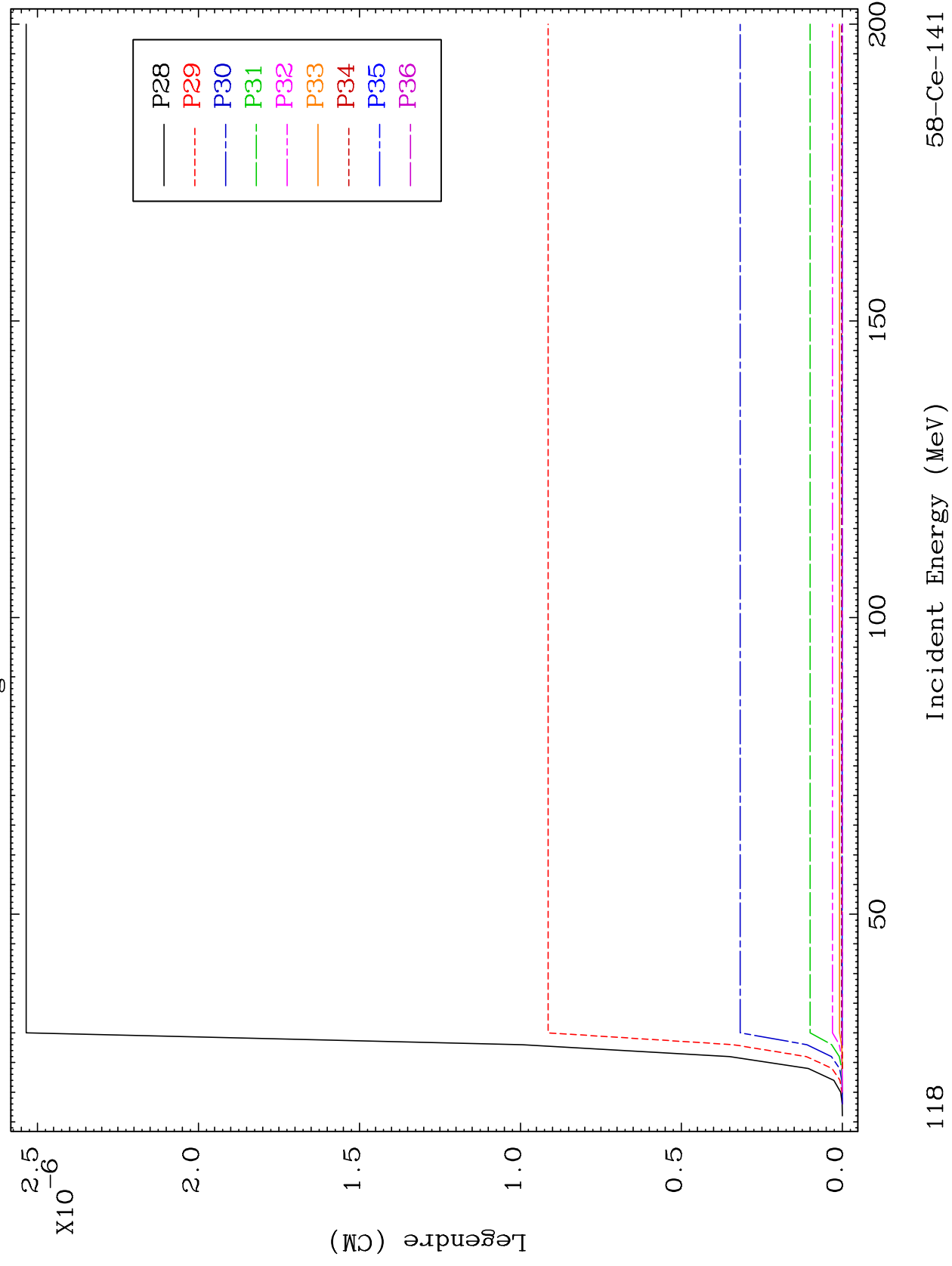


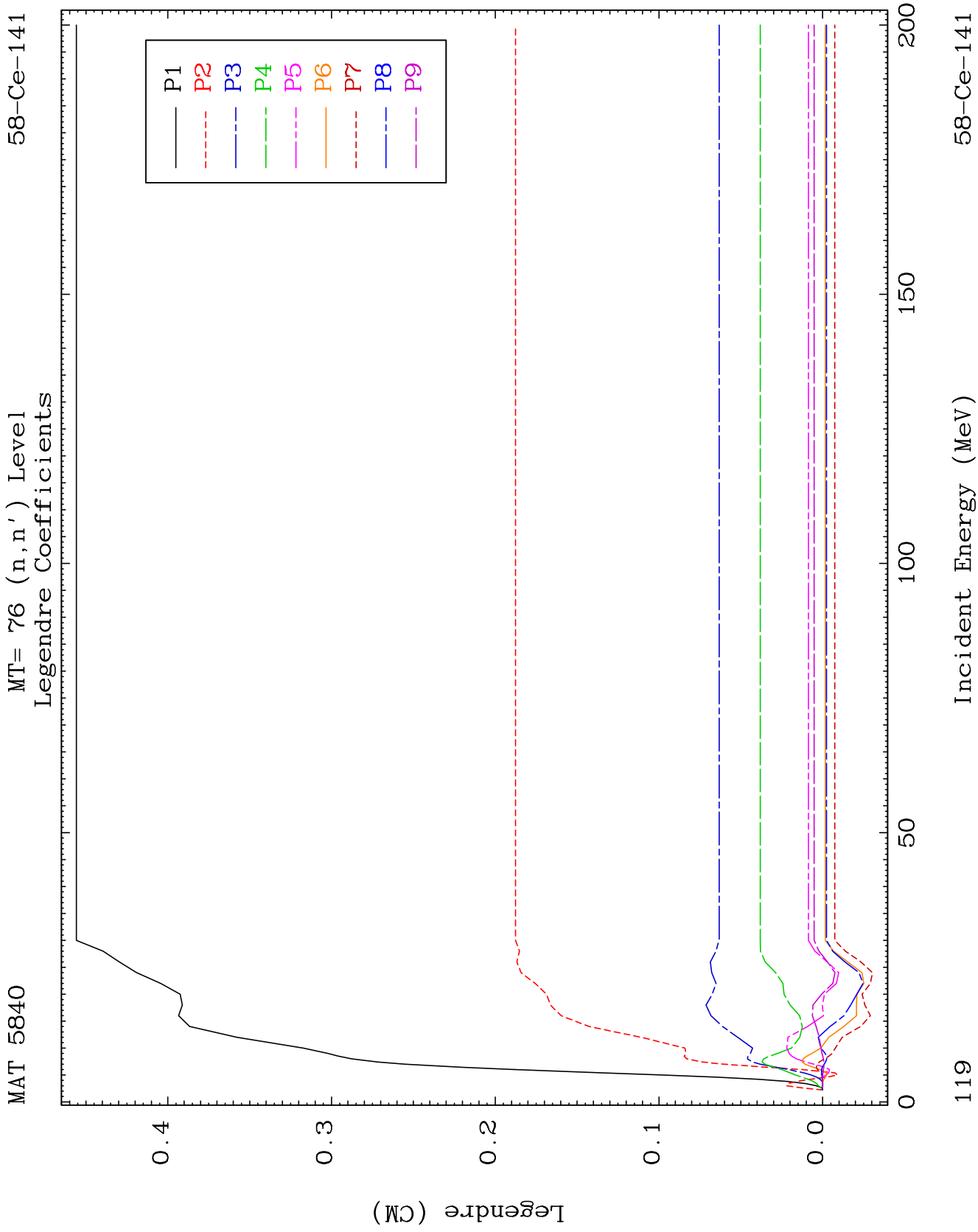


MAT 5840

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

58-Ce-141

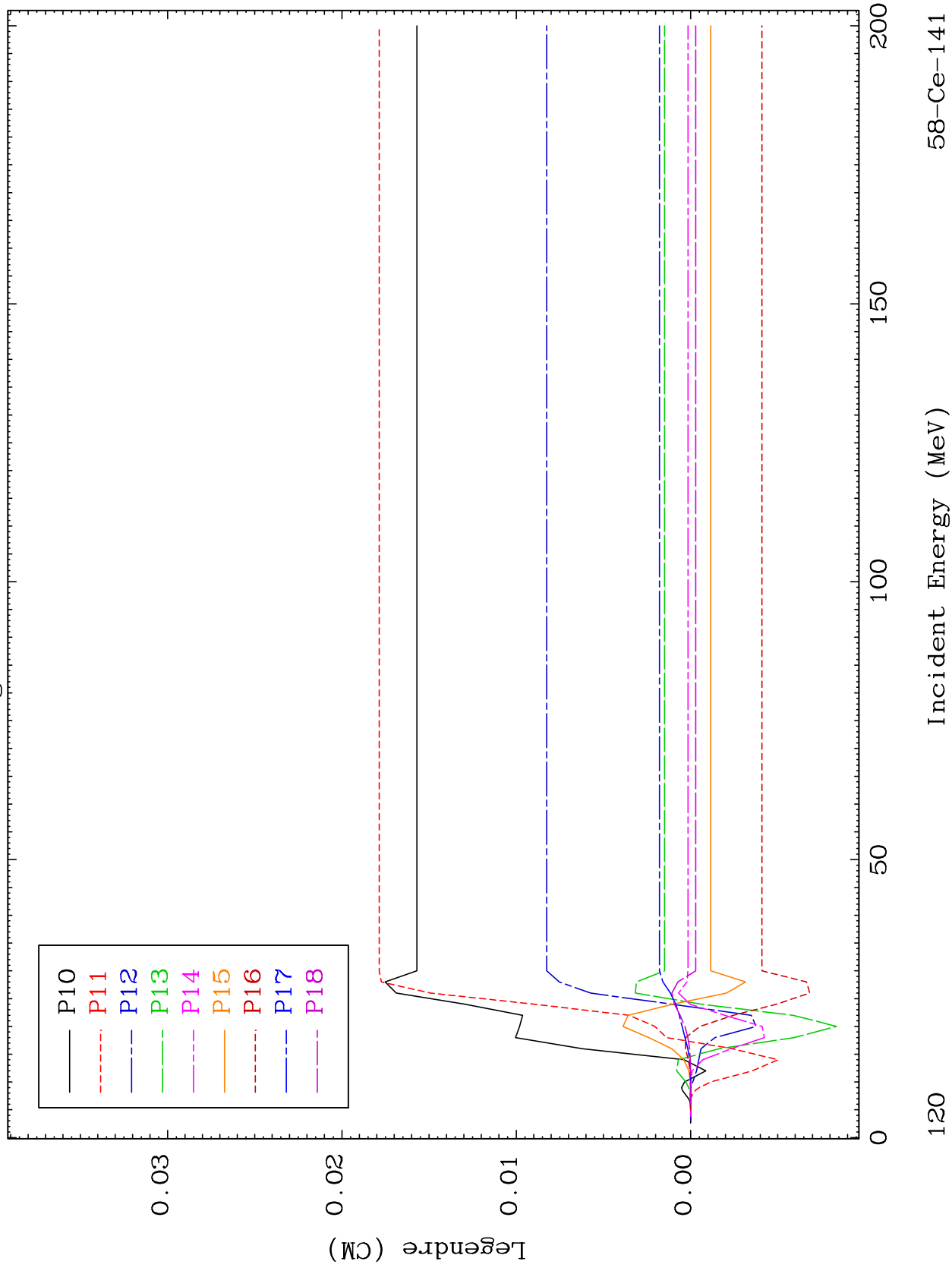




MAT 5840

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

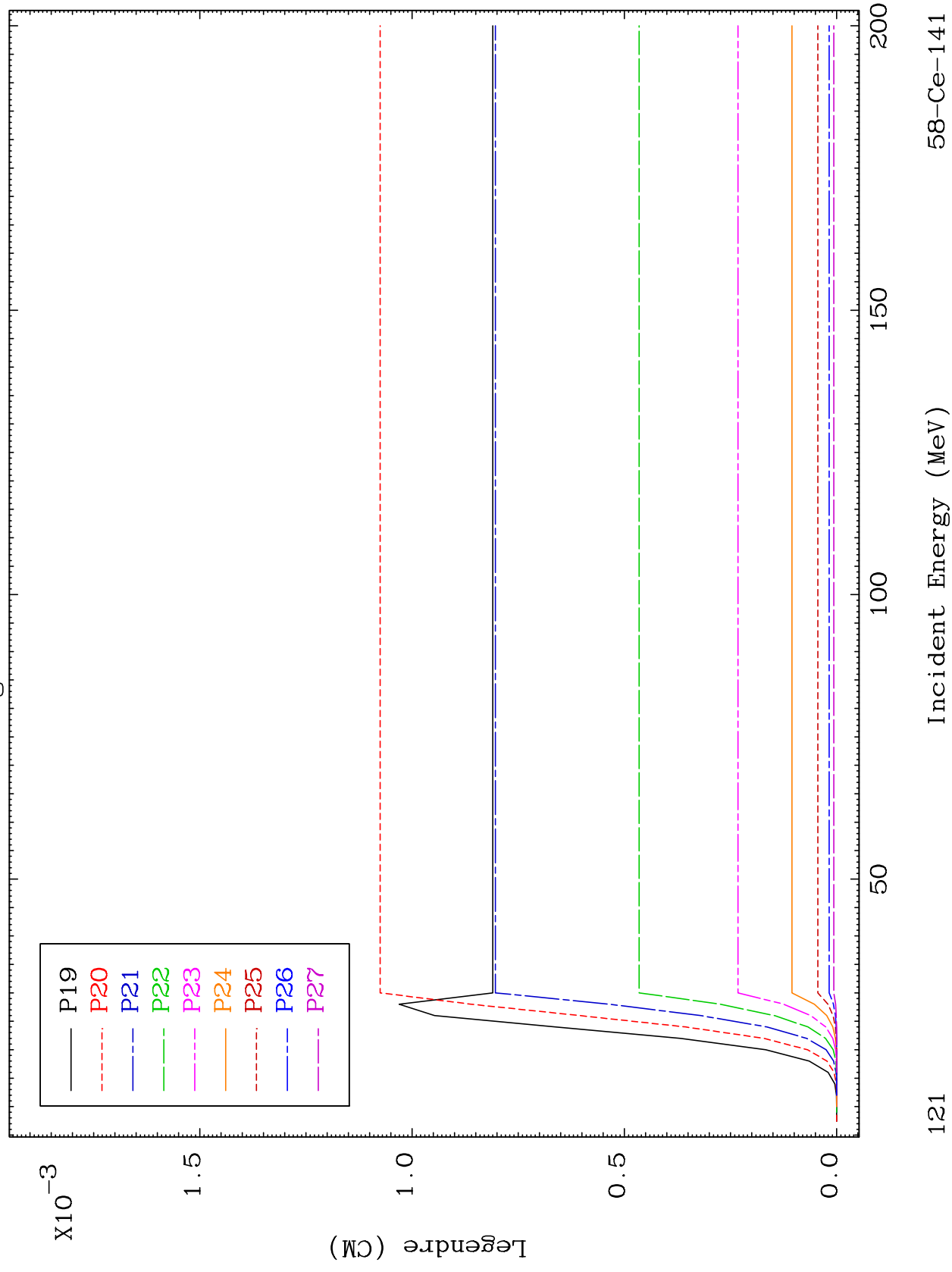
58-Ce-141



MAT 5840

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

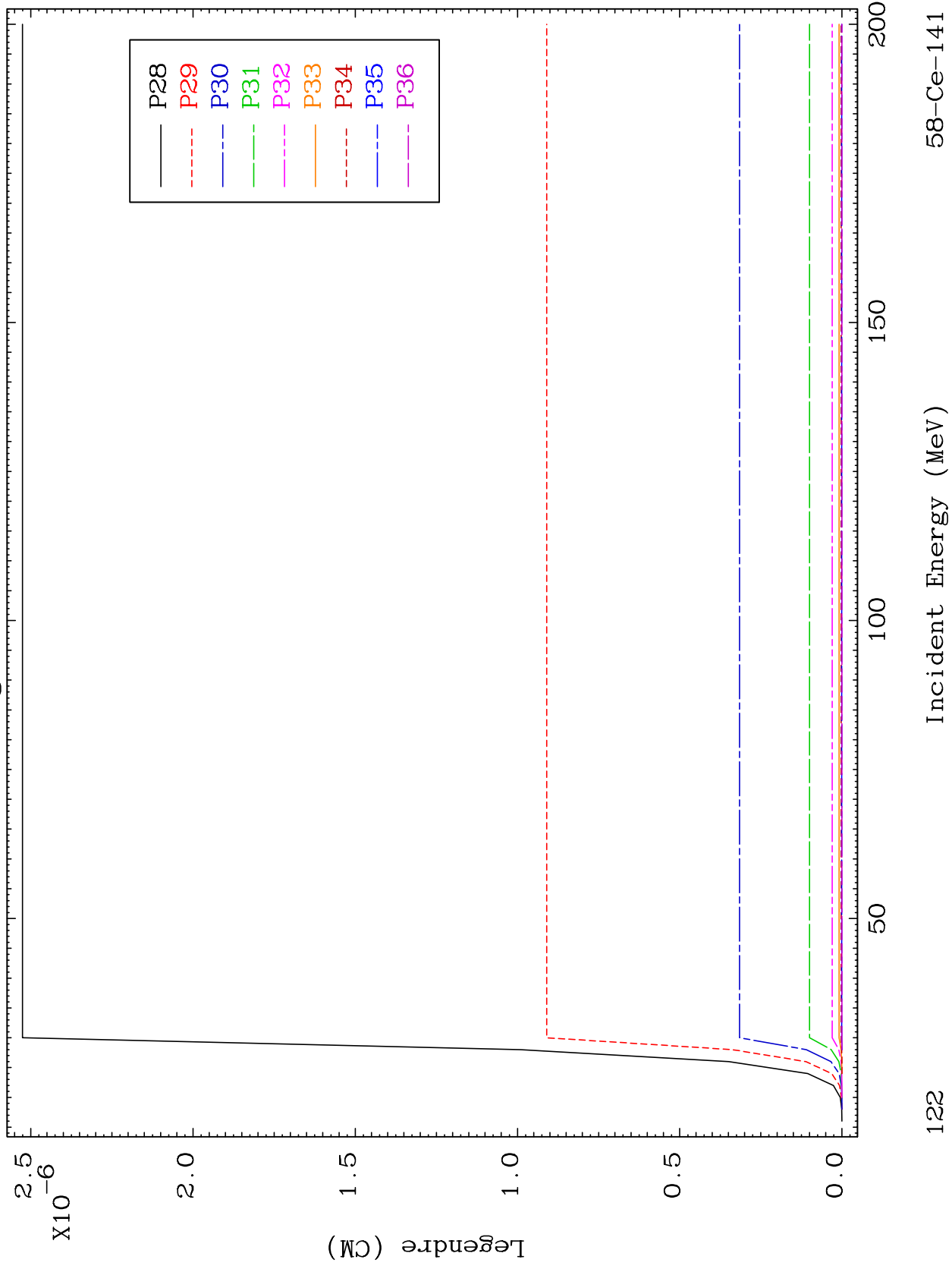
58-Ce-141

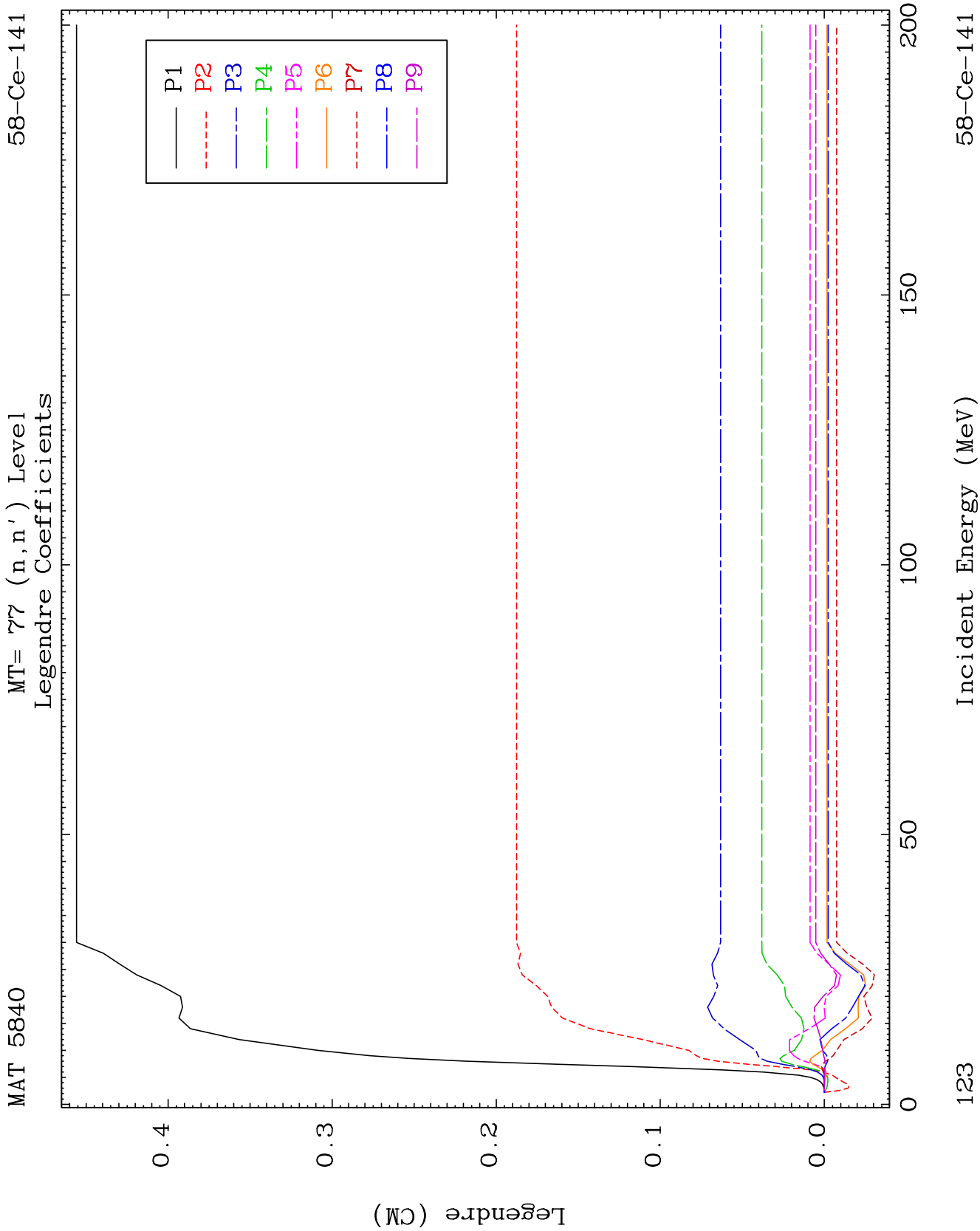


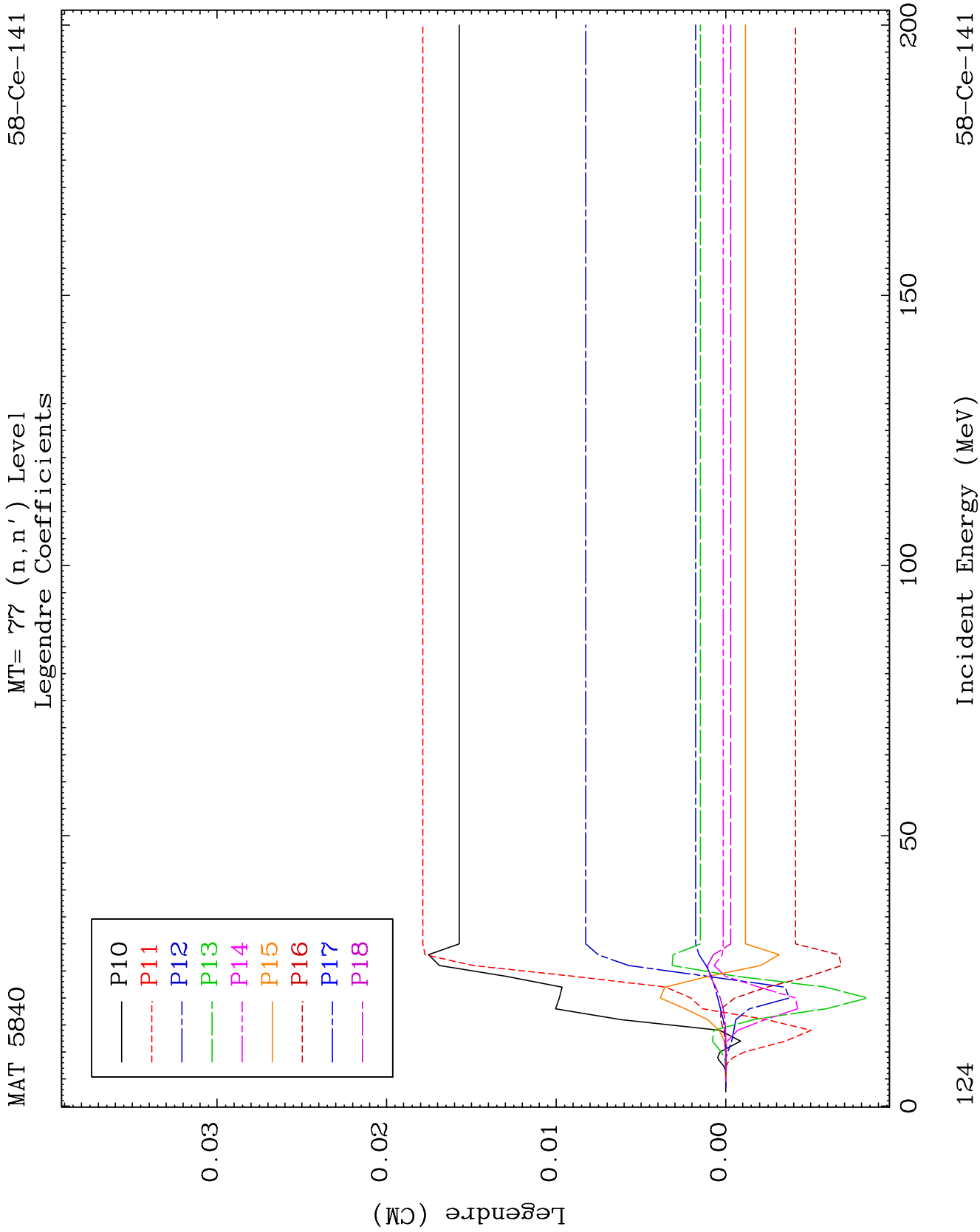
MAT 5840

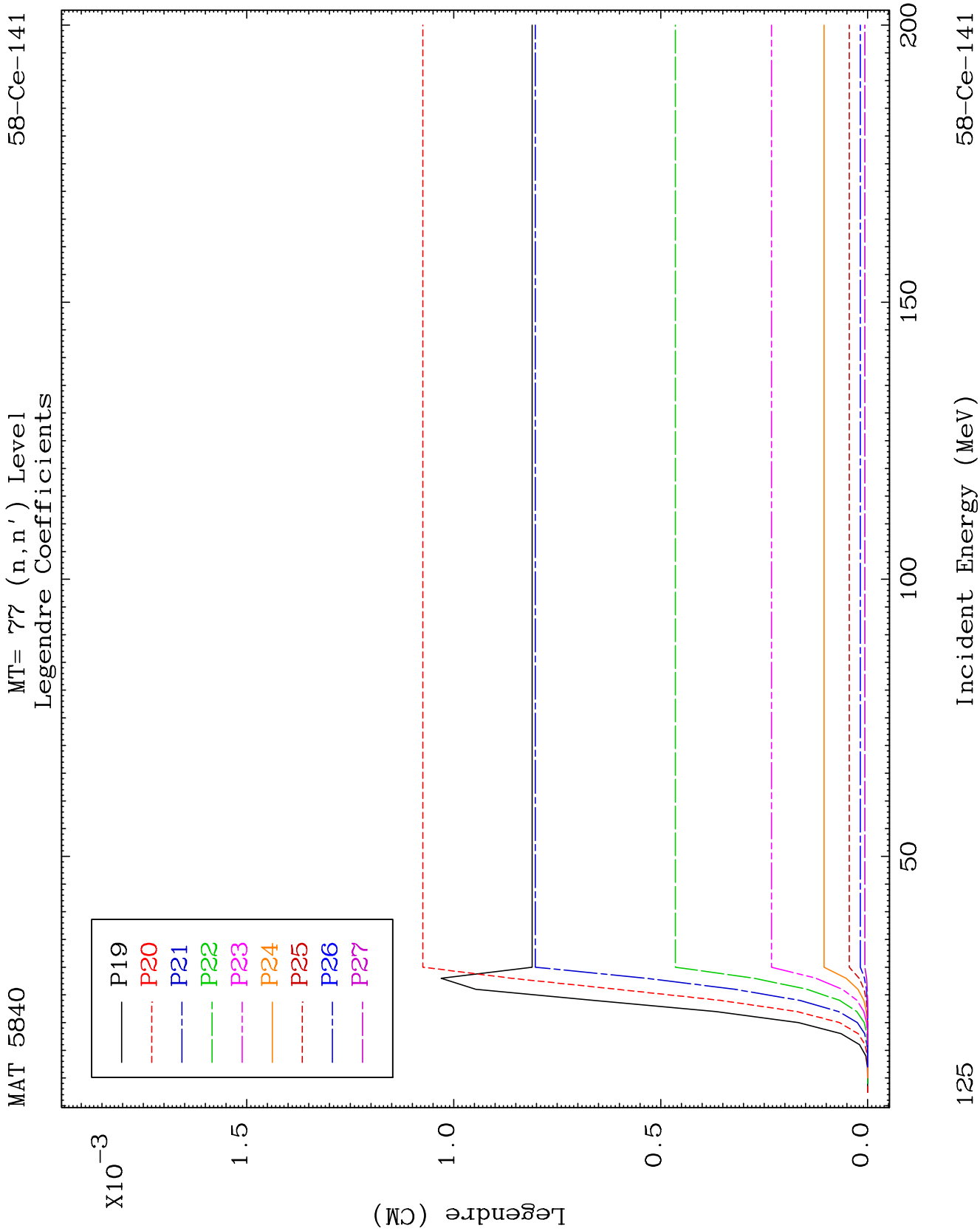
MT= 76 (n, n') Level
Legendre Coefficients

58-Ce-141





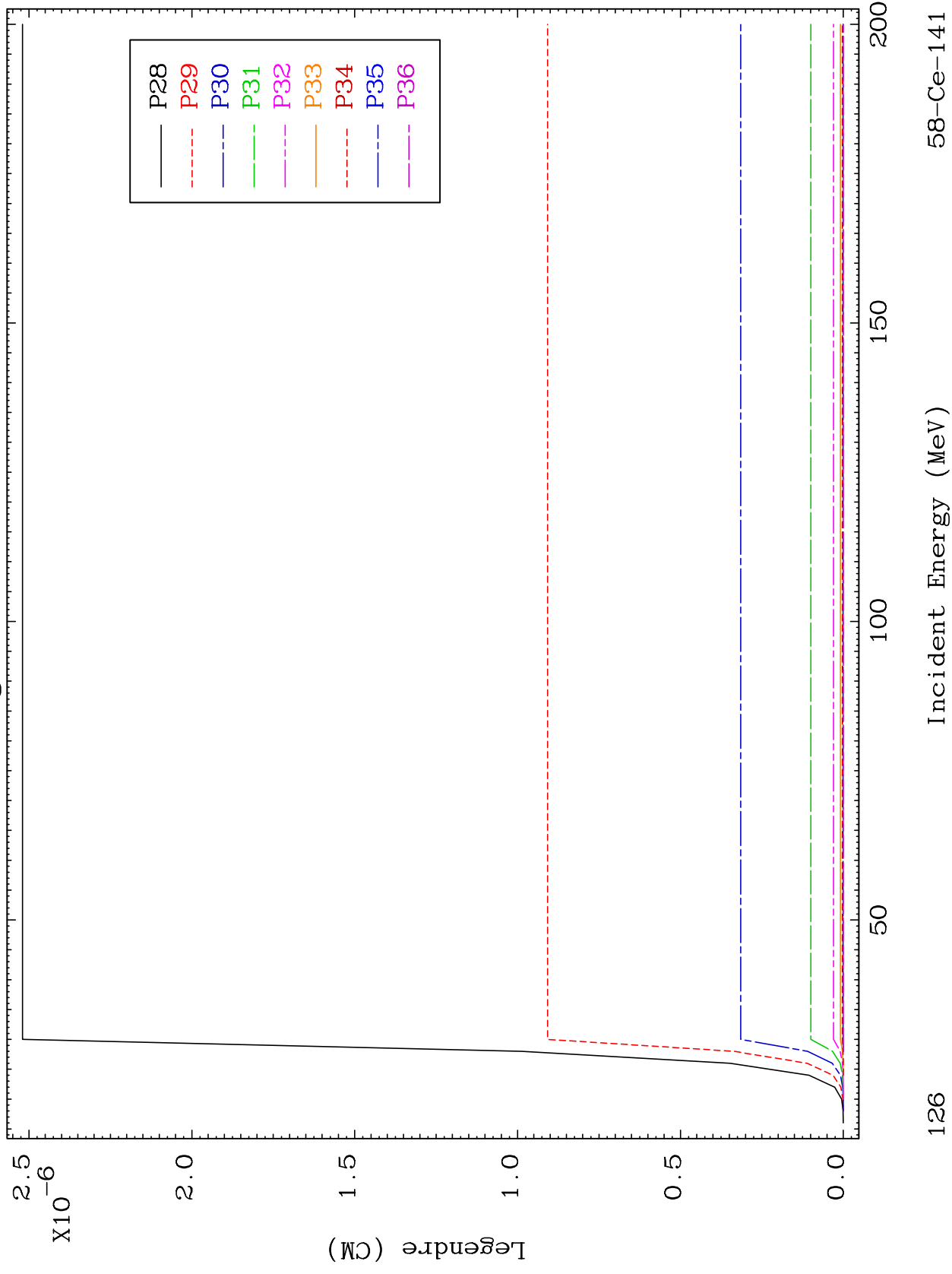


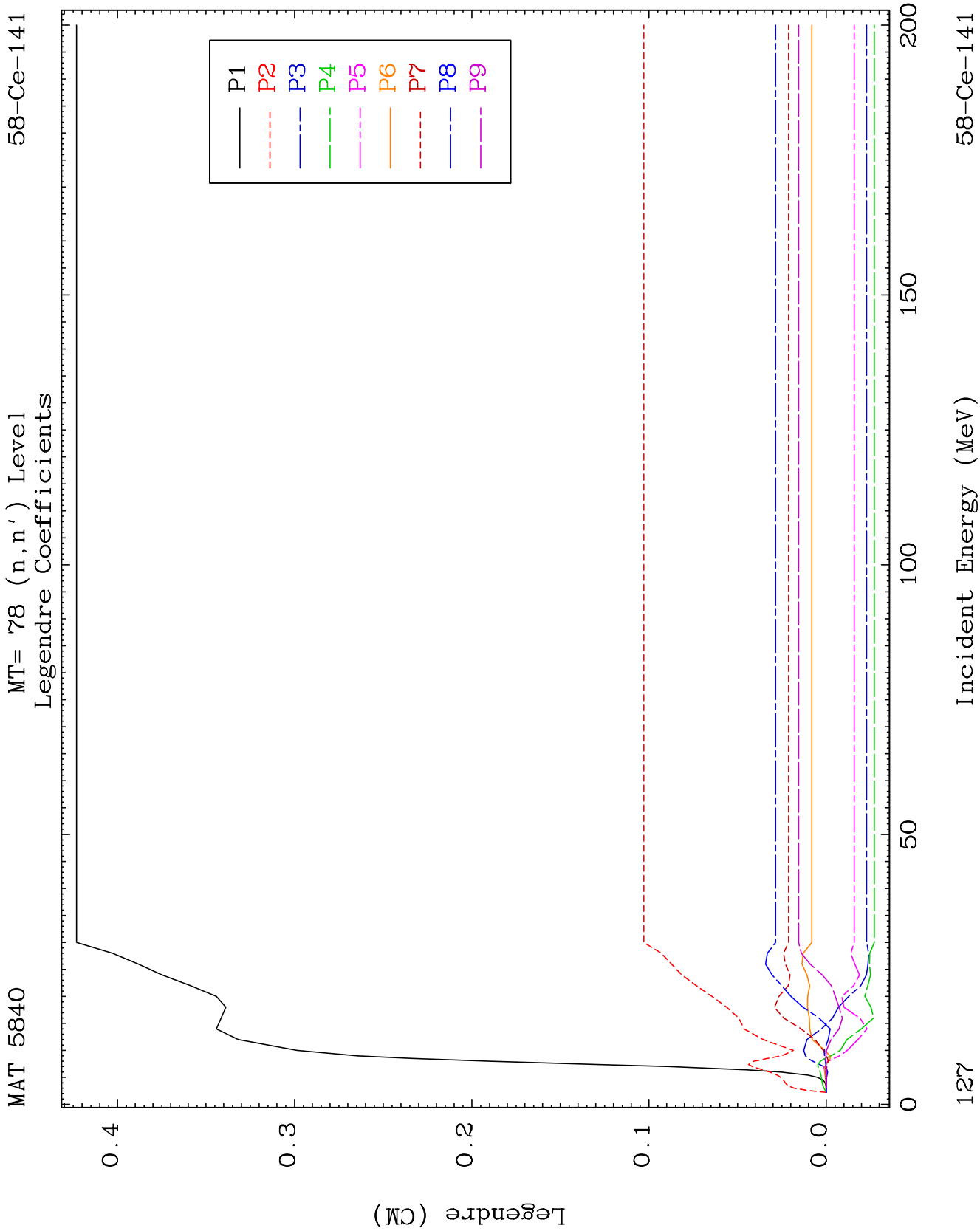


MAT 5840

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

58-Ce-141

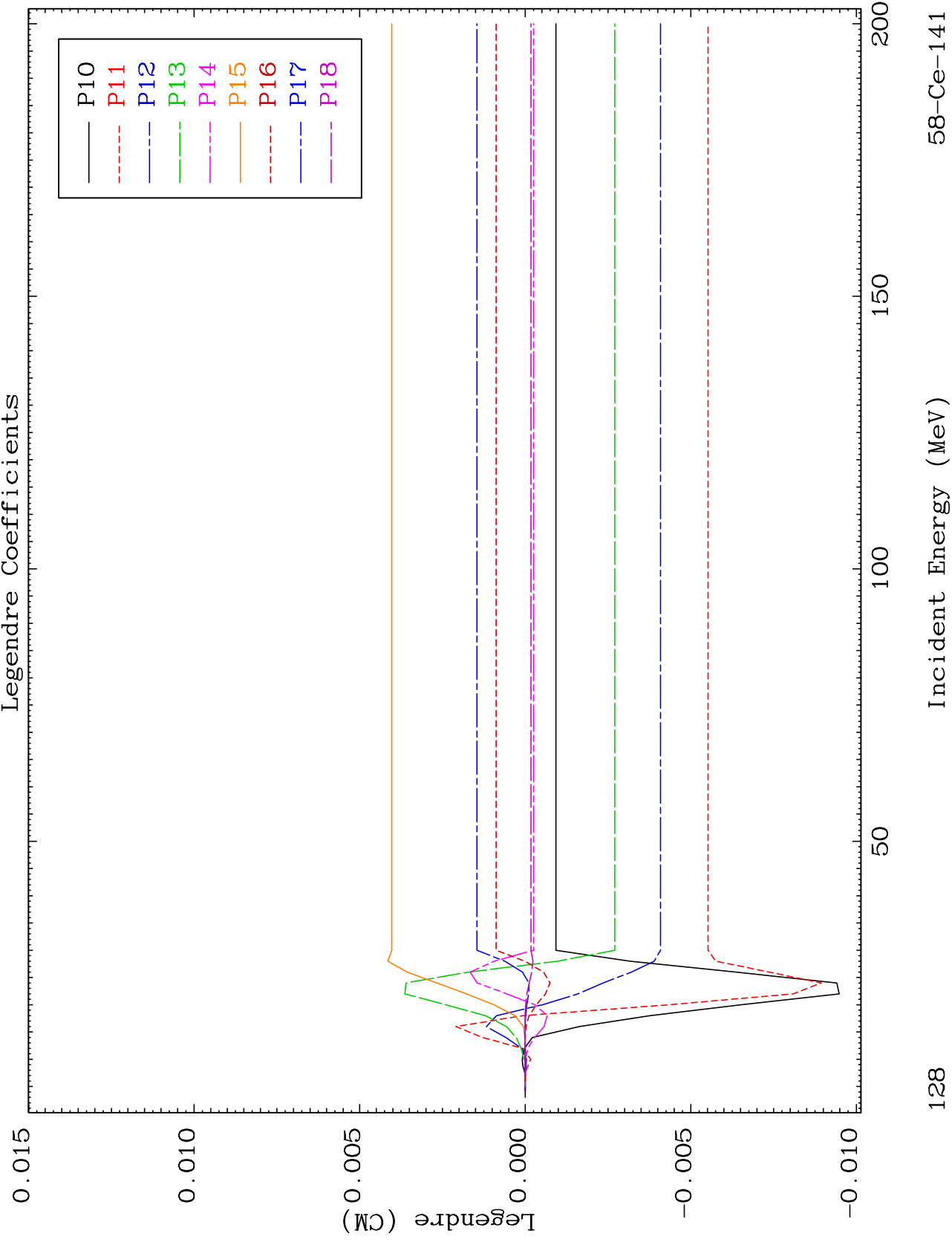


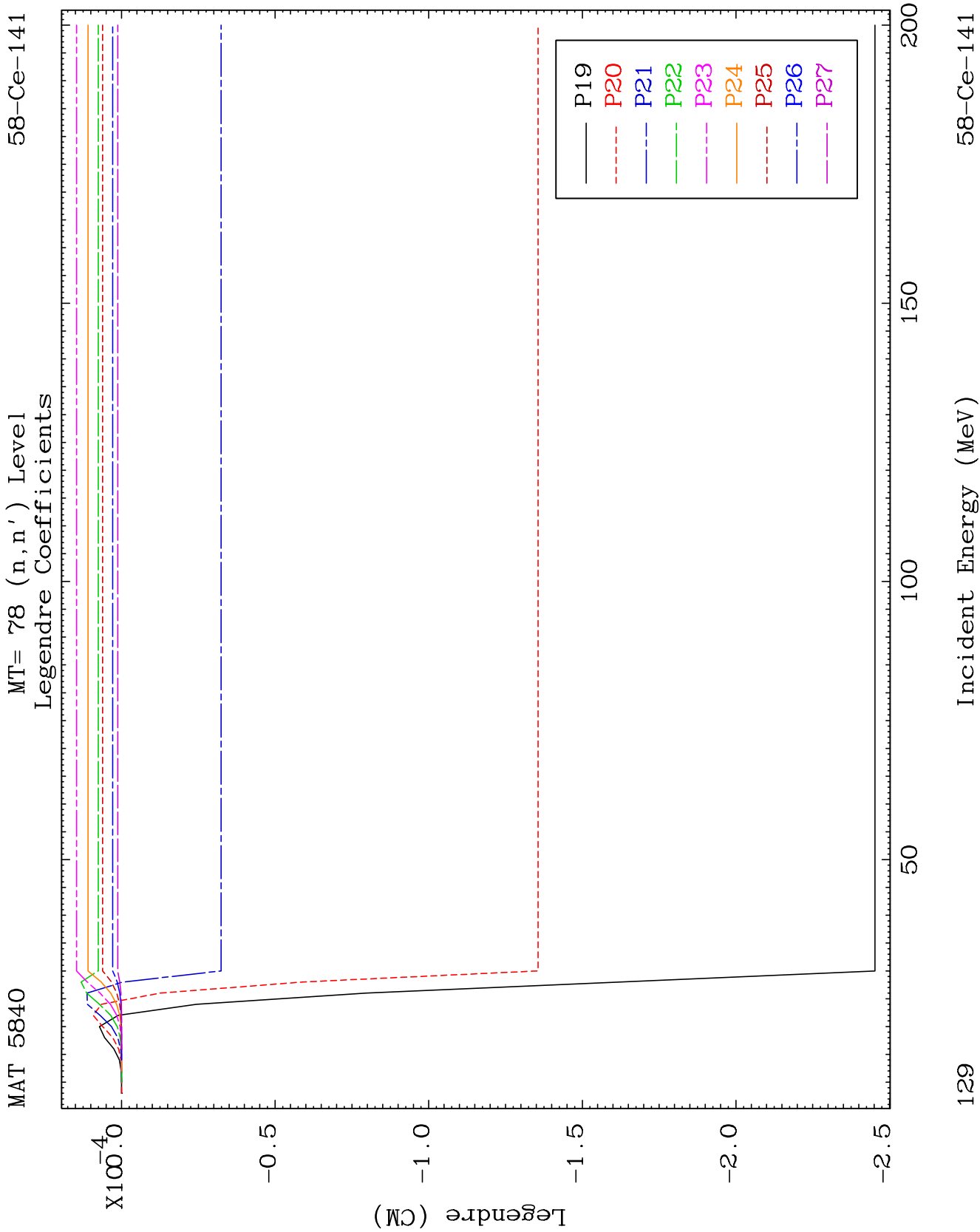


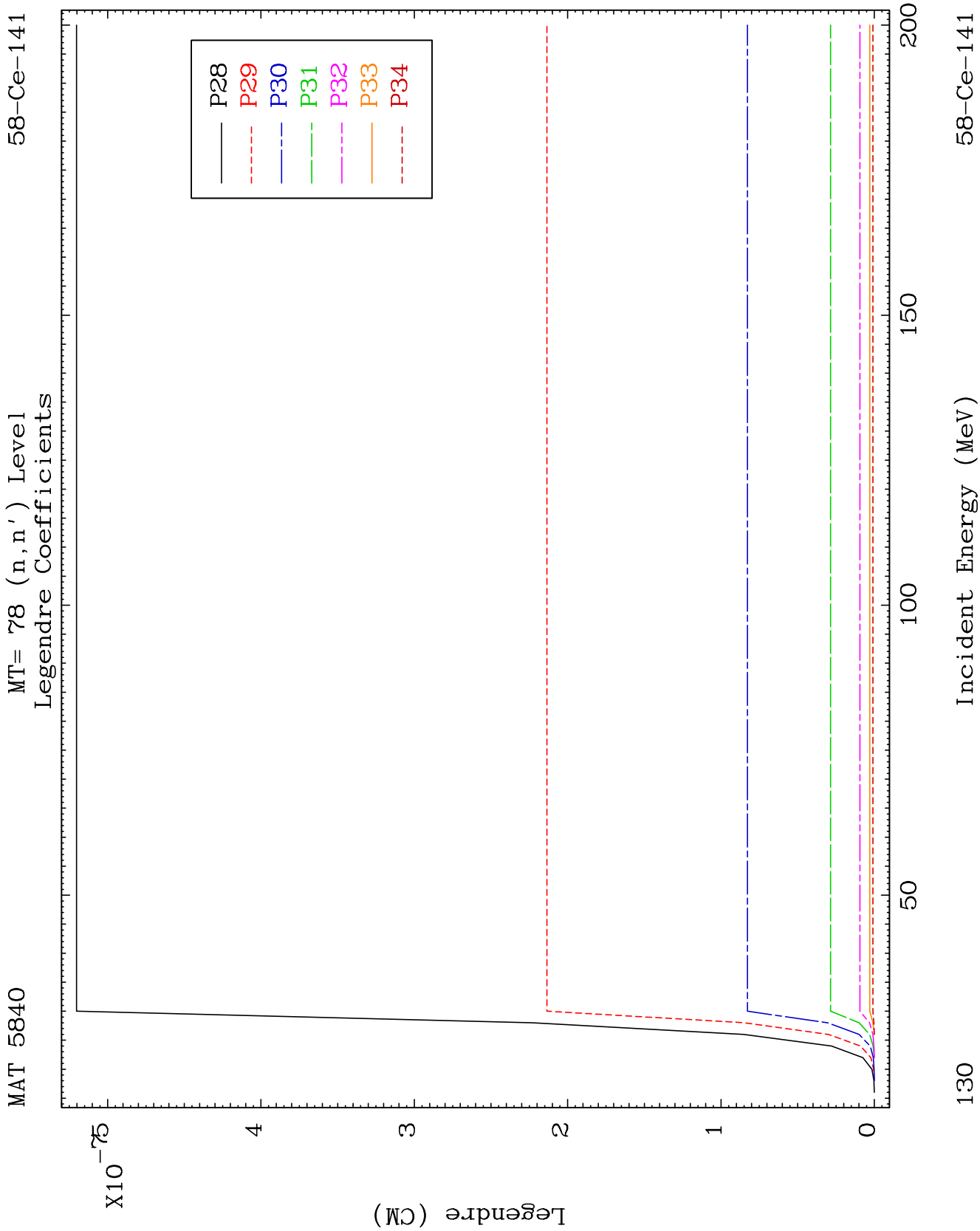
MAT 5840

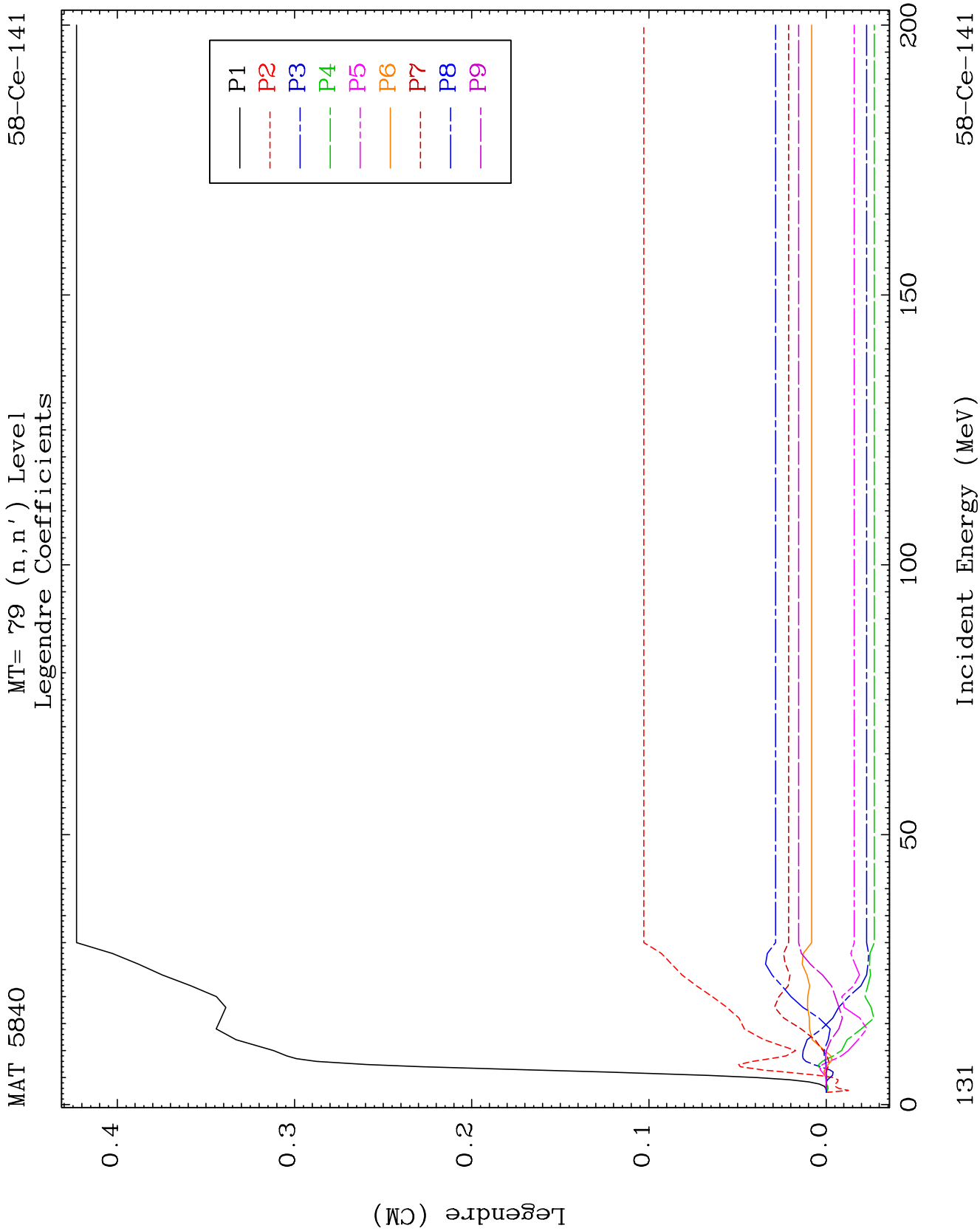
MT= 78 (n, n') Level
Legendre Coefficients

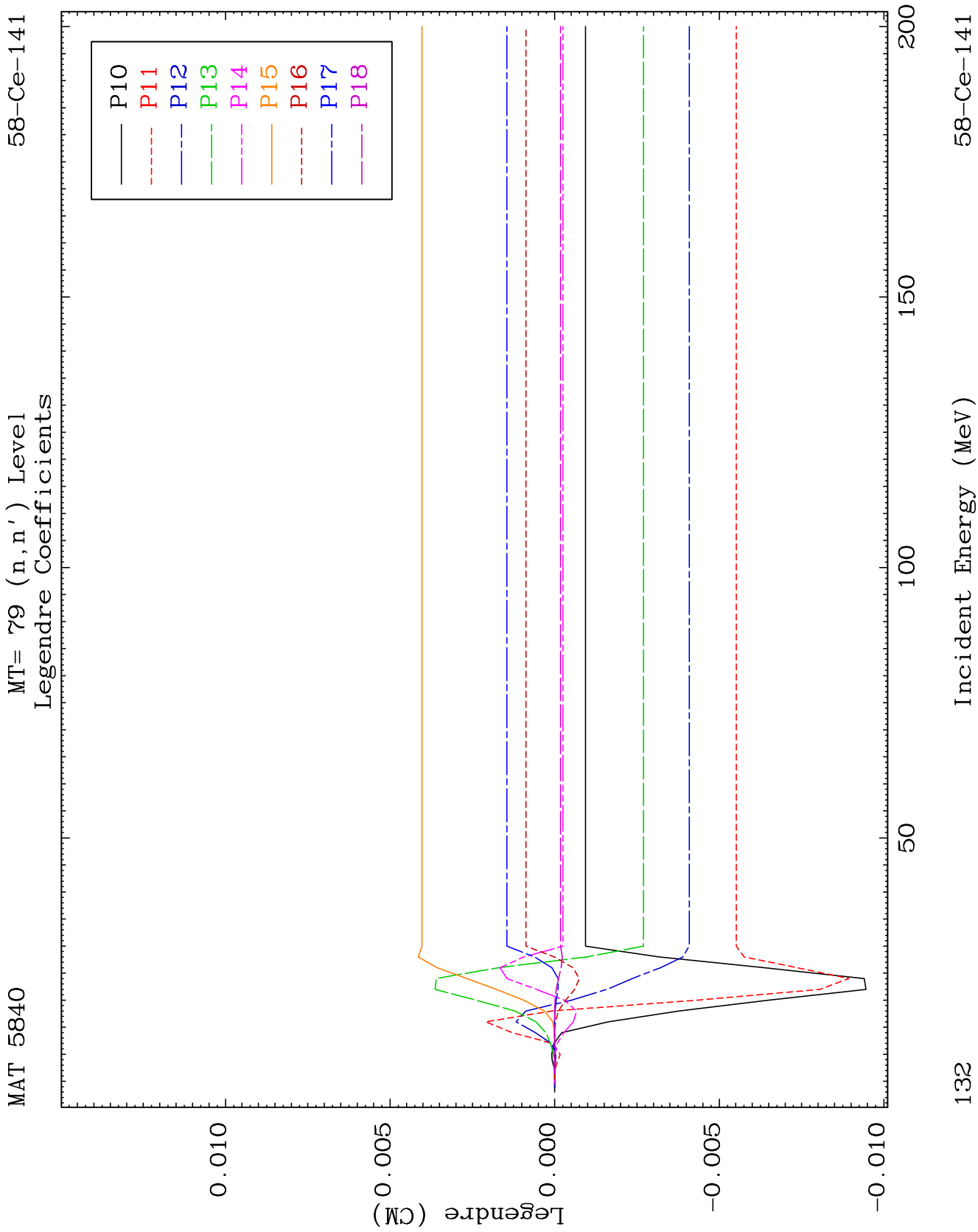
58-Ce-141

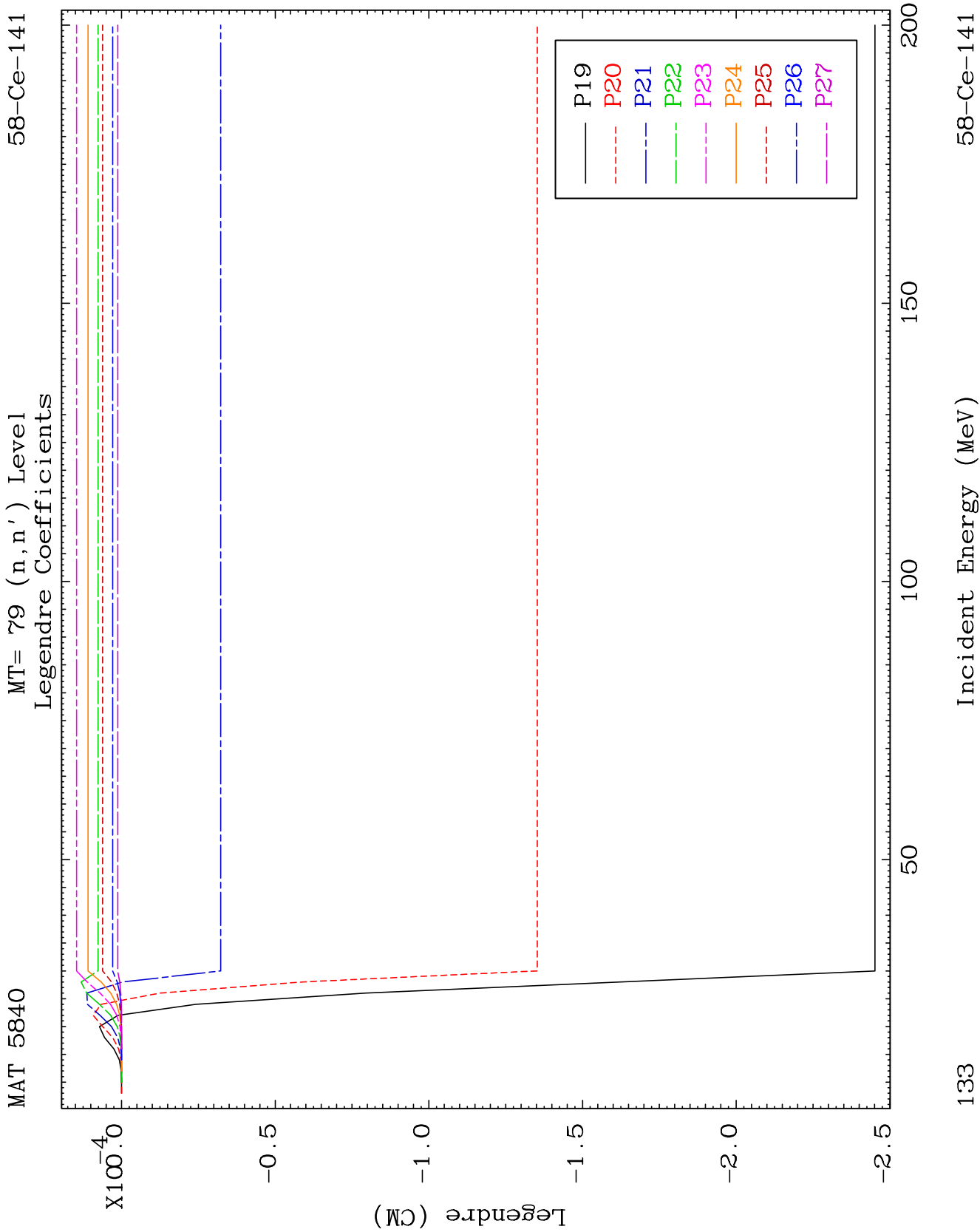


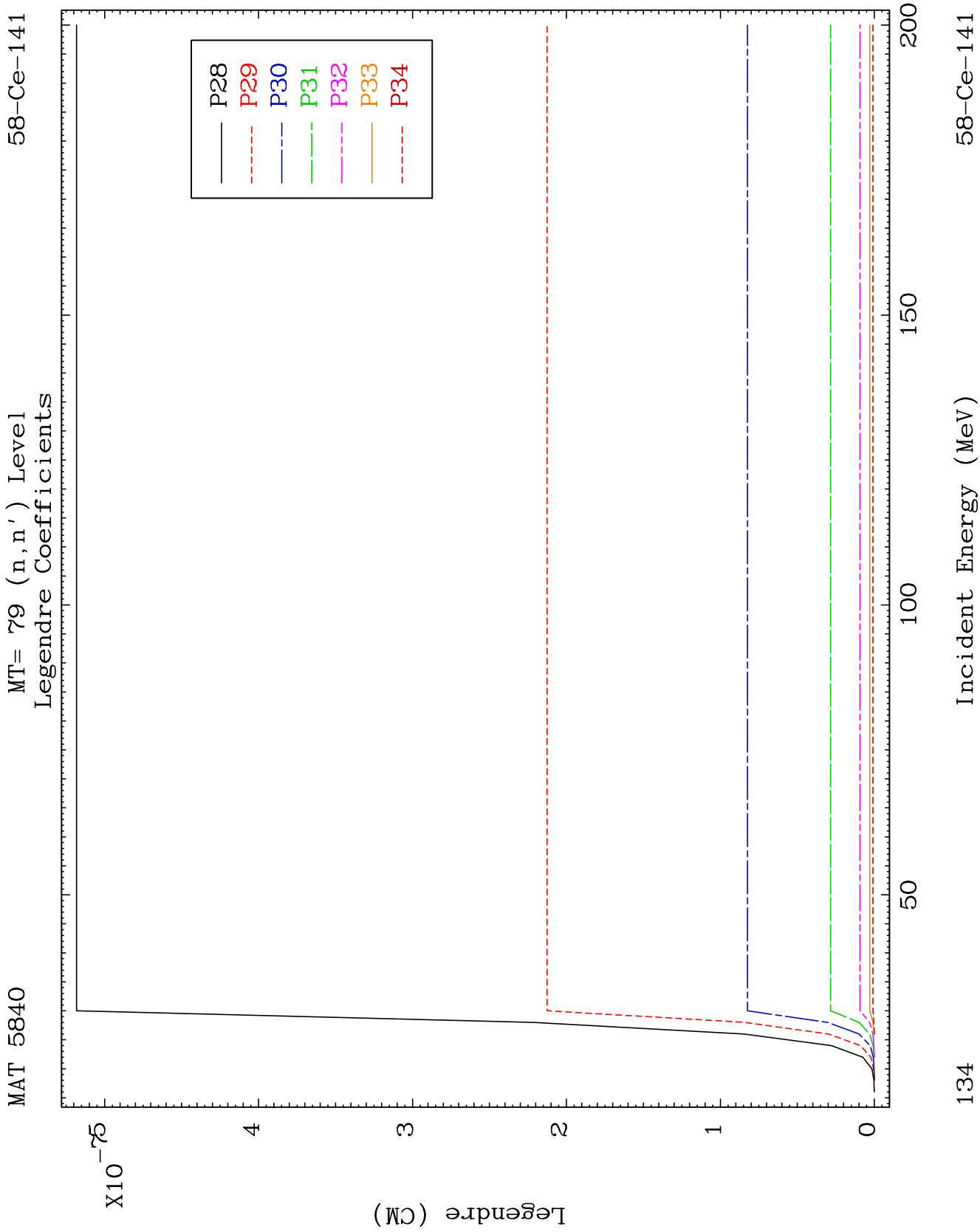








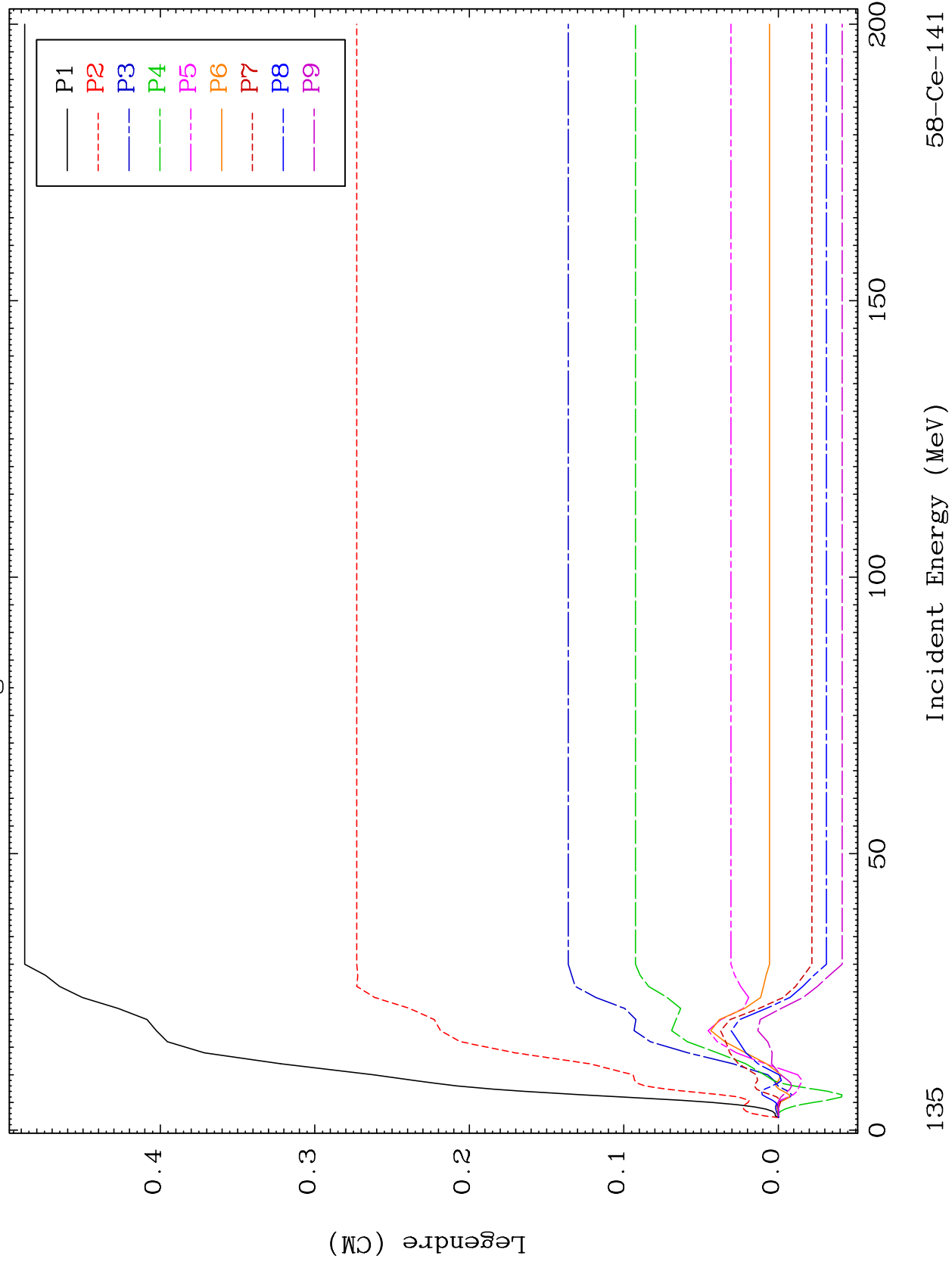


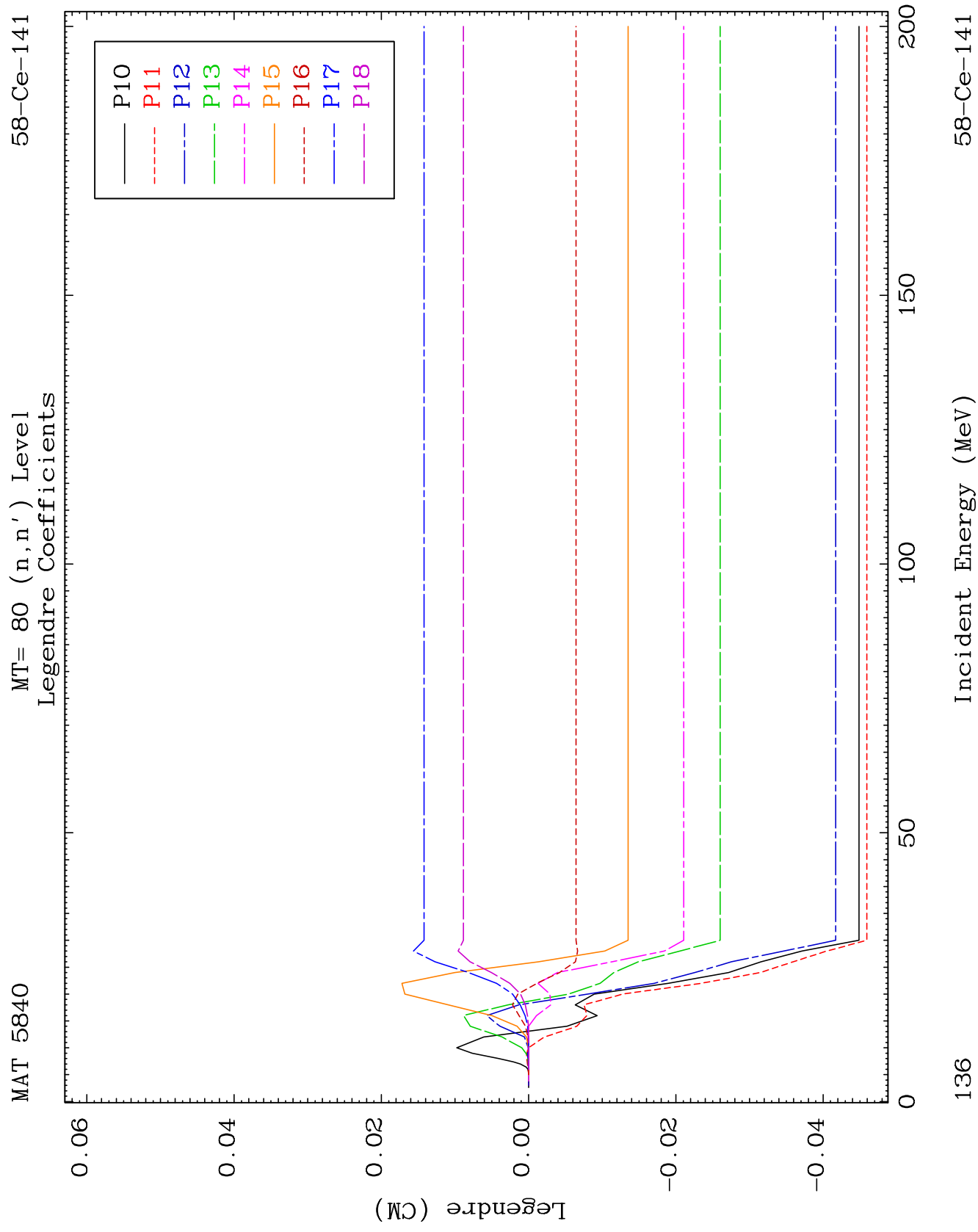


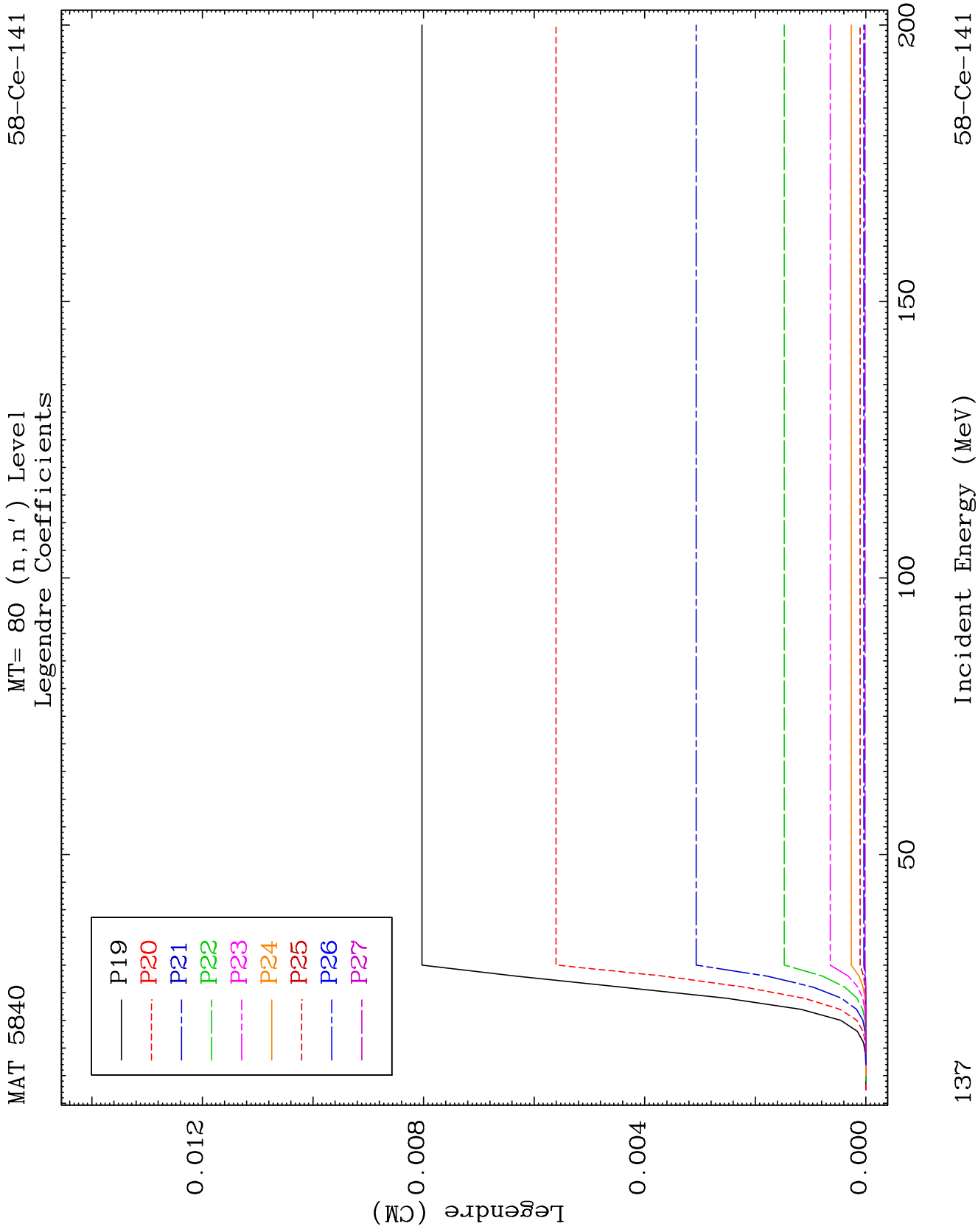
MAT 5840

MT= 80 (n, n') Level
Legendre Coefficients

58-Ce-141



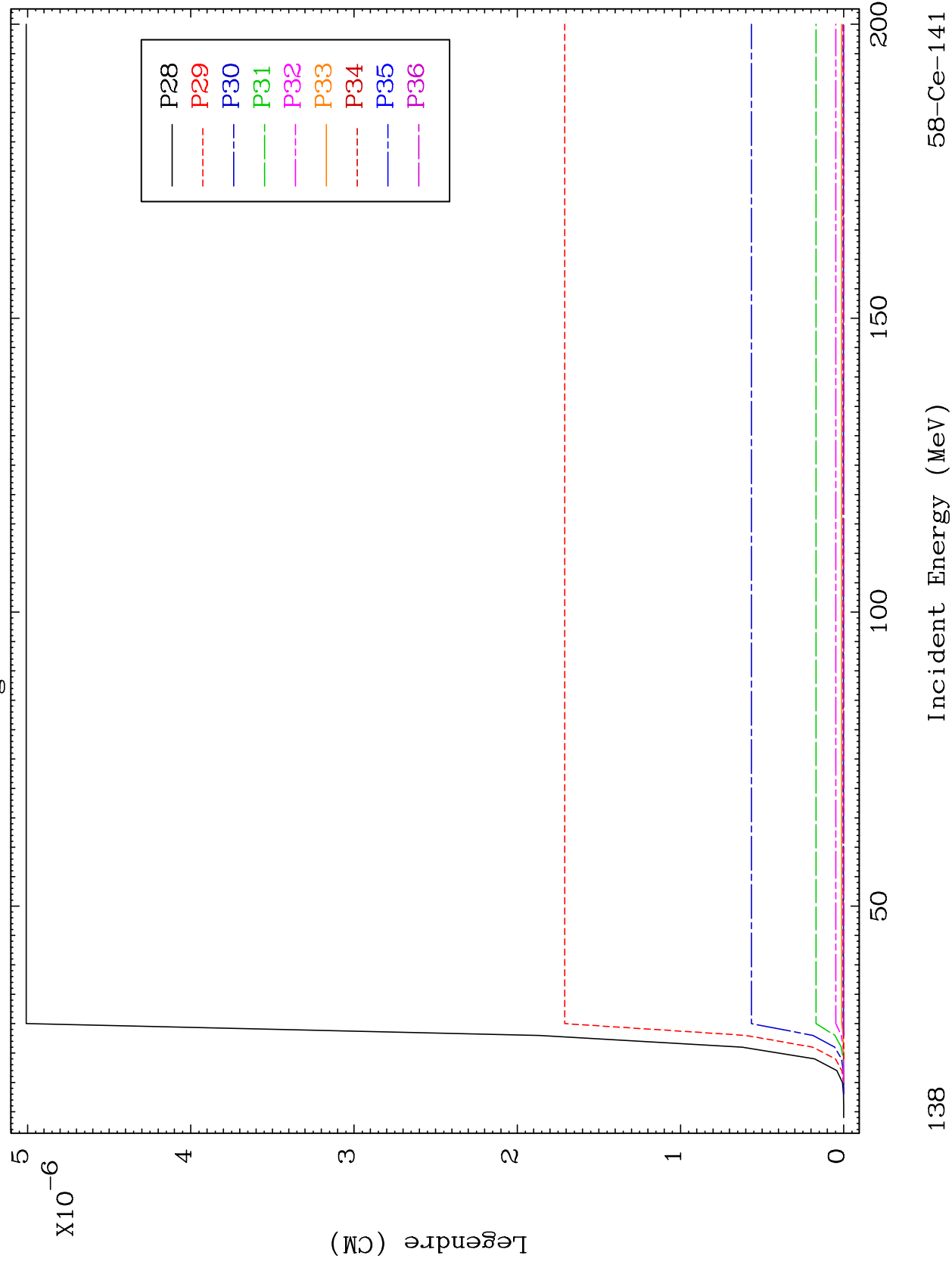


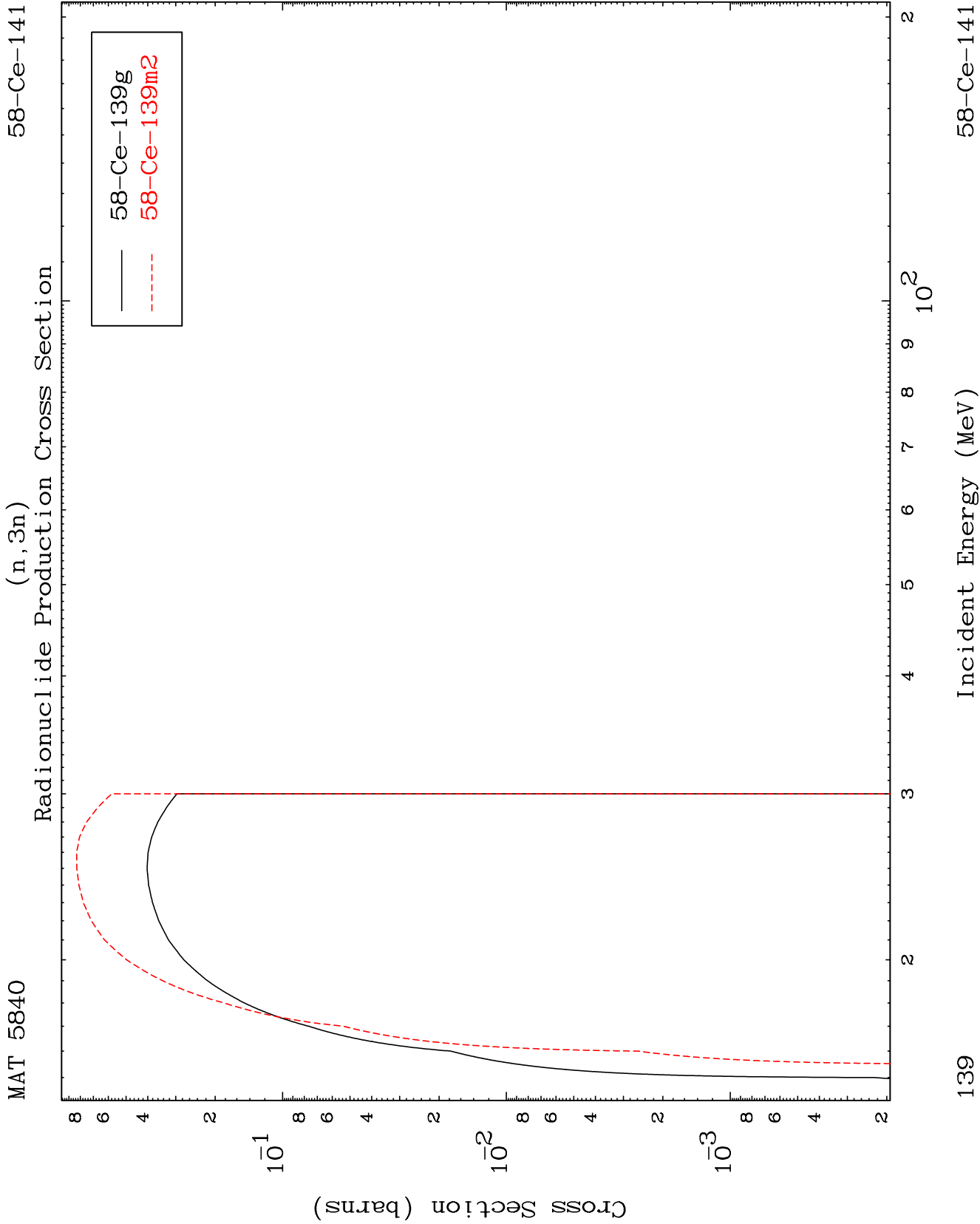


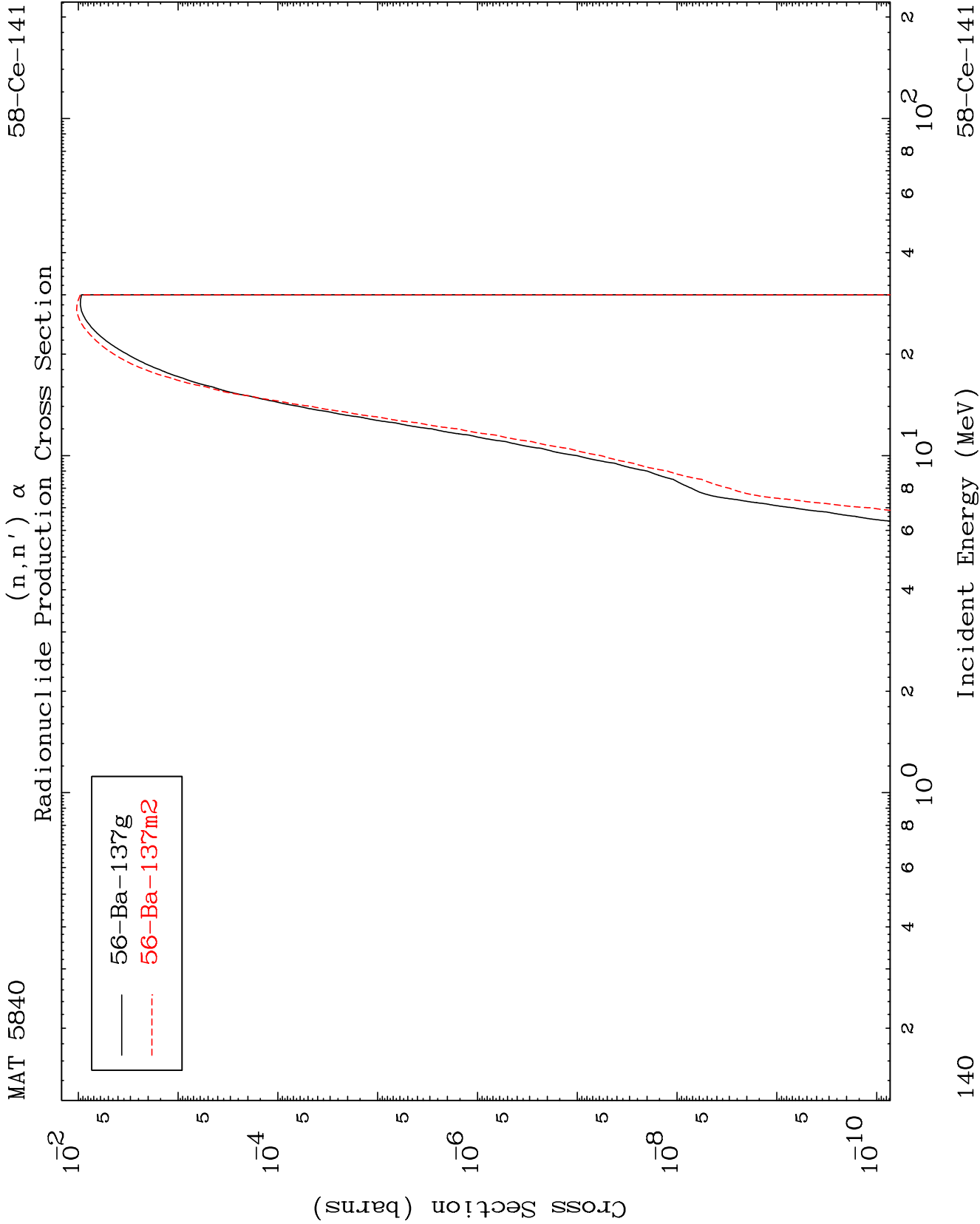
MAT 5840

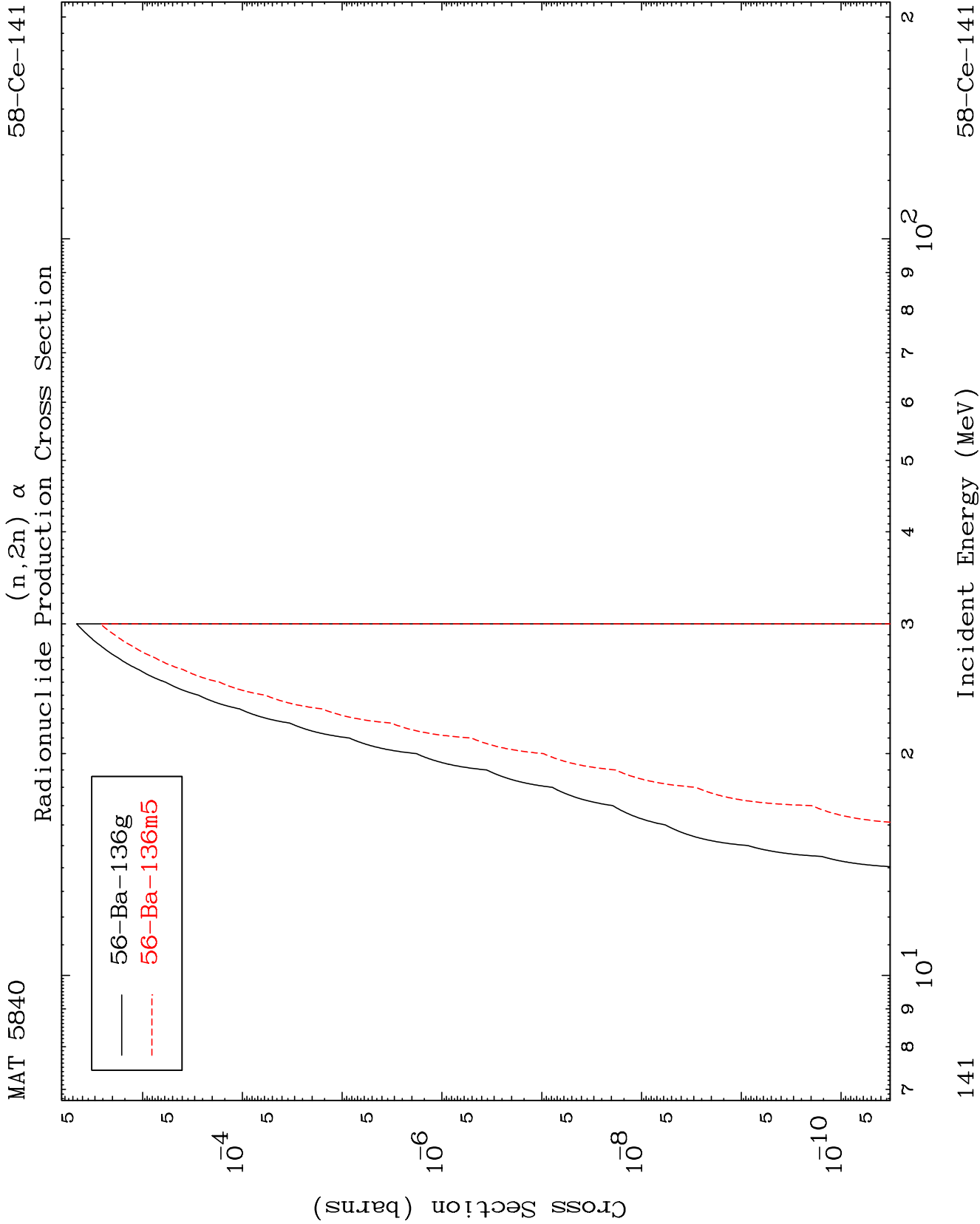
MT= 80 (n, n') Level
Legendre Coefficients

58-Ce-141







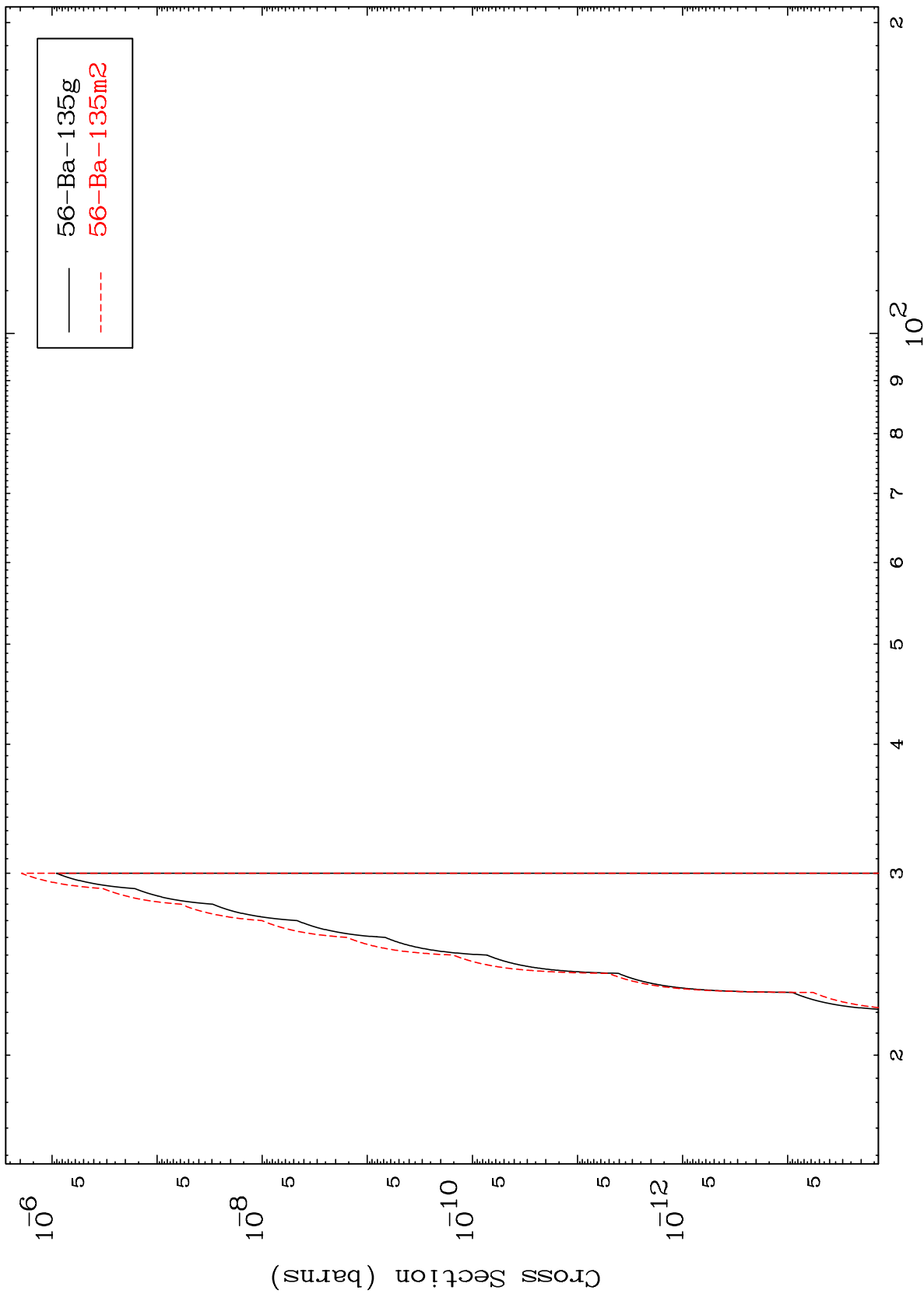


MAT 5840

(n,3n) α

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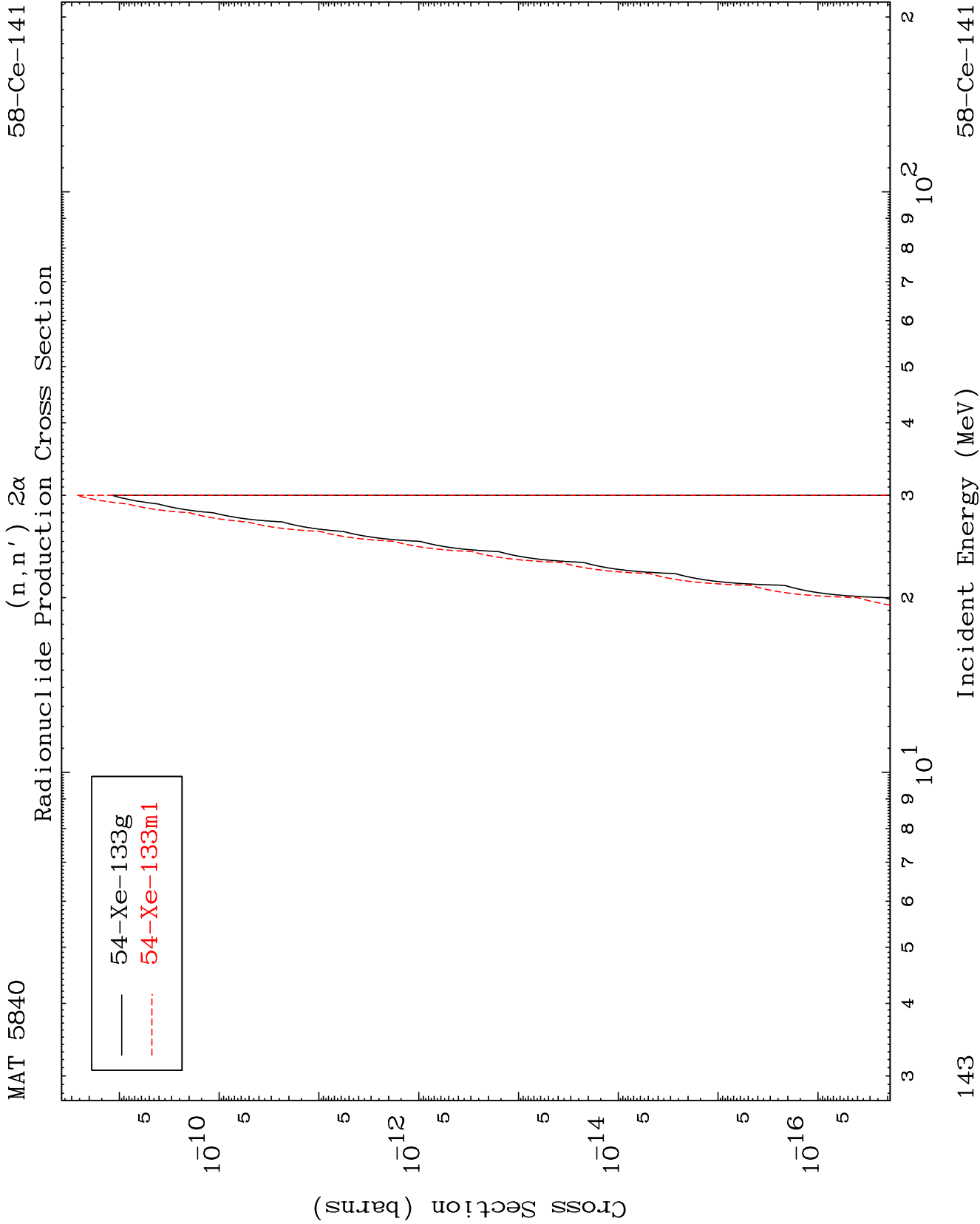
Radionuclide Production Cross Section

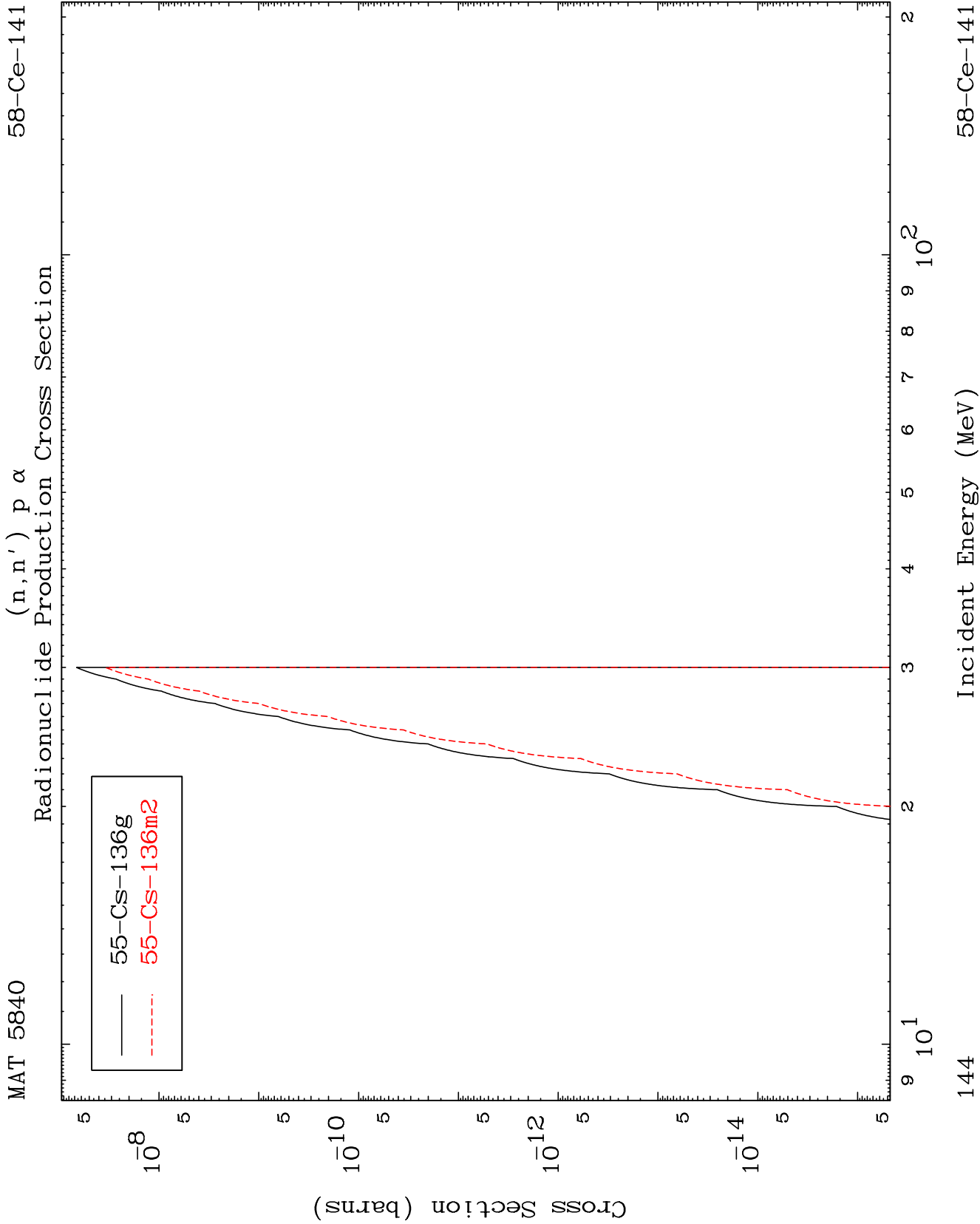


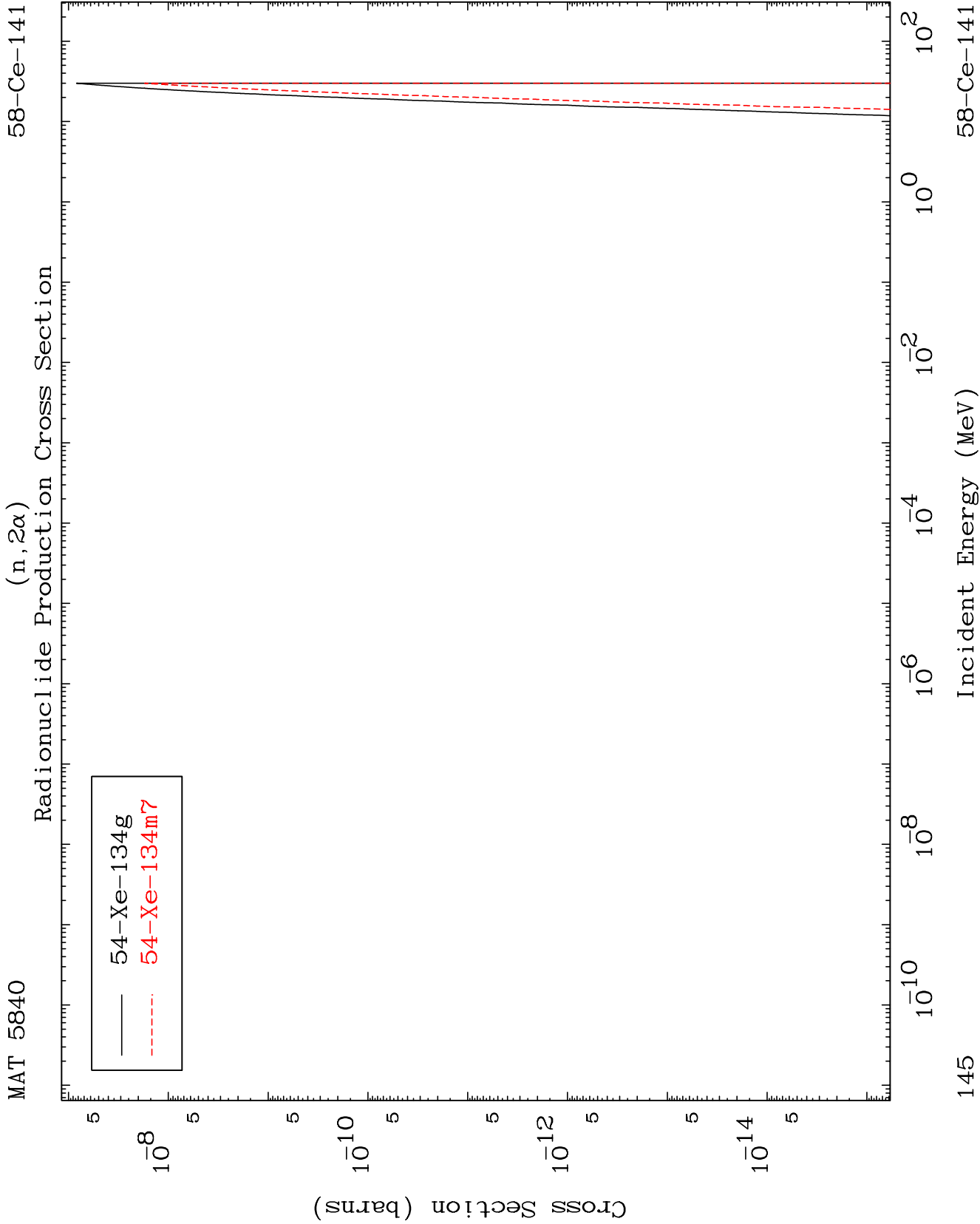
142

Incident Energy (MeV)

58-Ce-141







$$(n, d) \propto$$

Radionuclide Production Cross Section

