

Program EVALPLOT
(Version 2018-1)

by

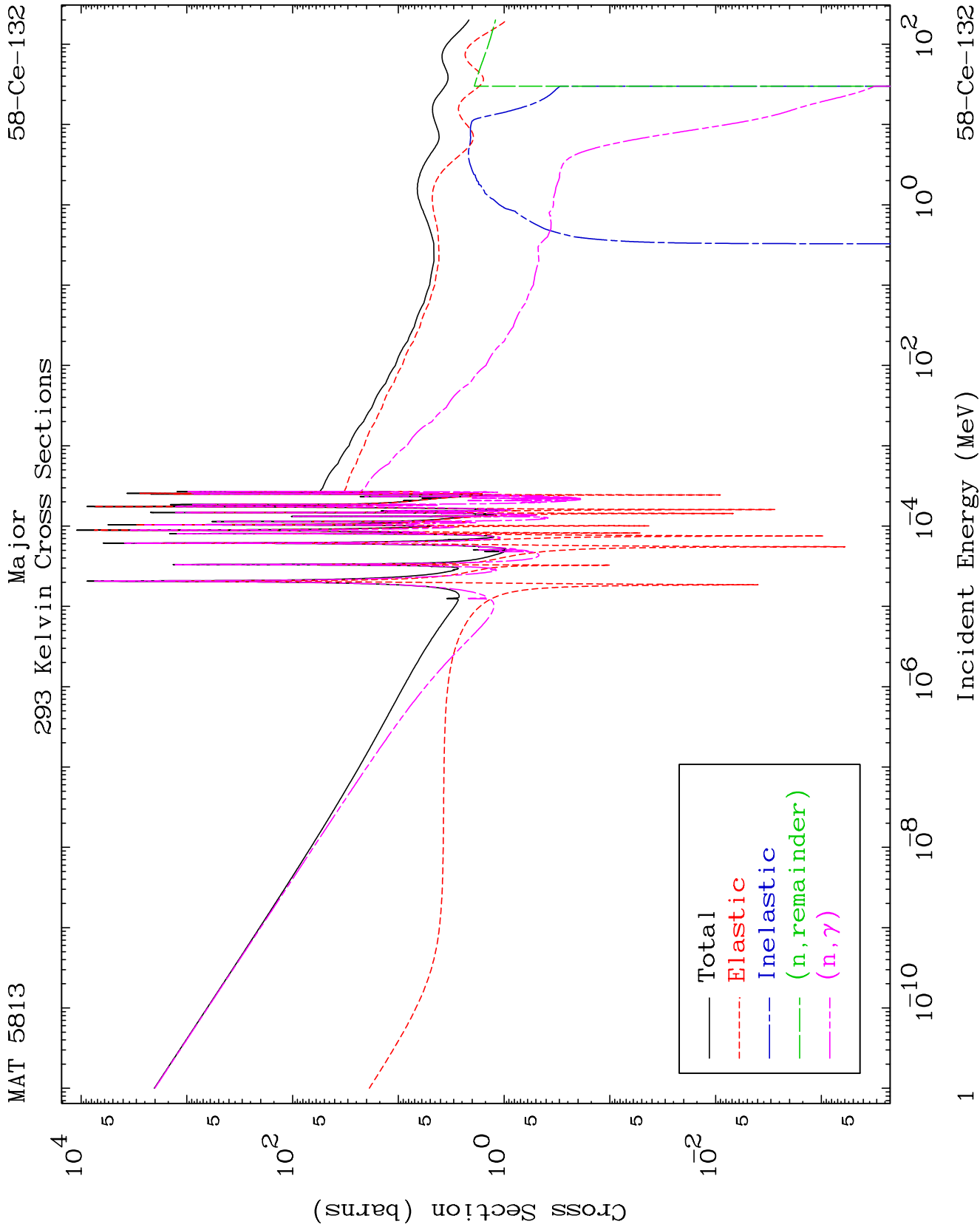
Dermott E. Cullen
(Present Contact Information)

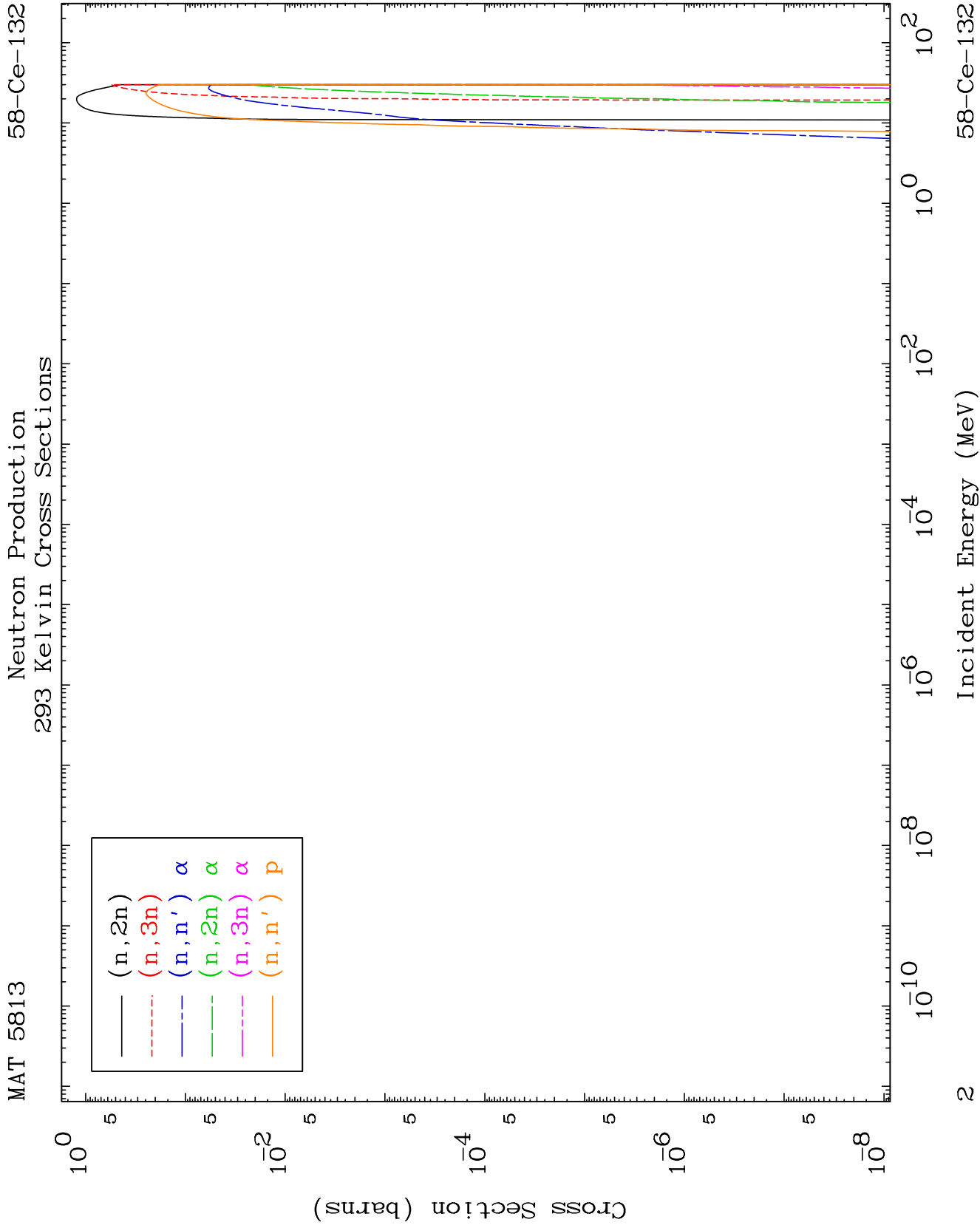
Dermott E. Cullen
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Livermore, CA 94550
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Tele: 925-443-1911

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

Press Mouse Button to Start

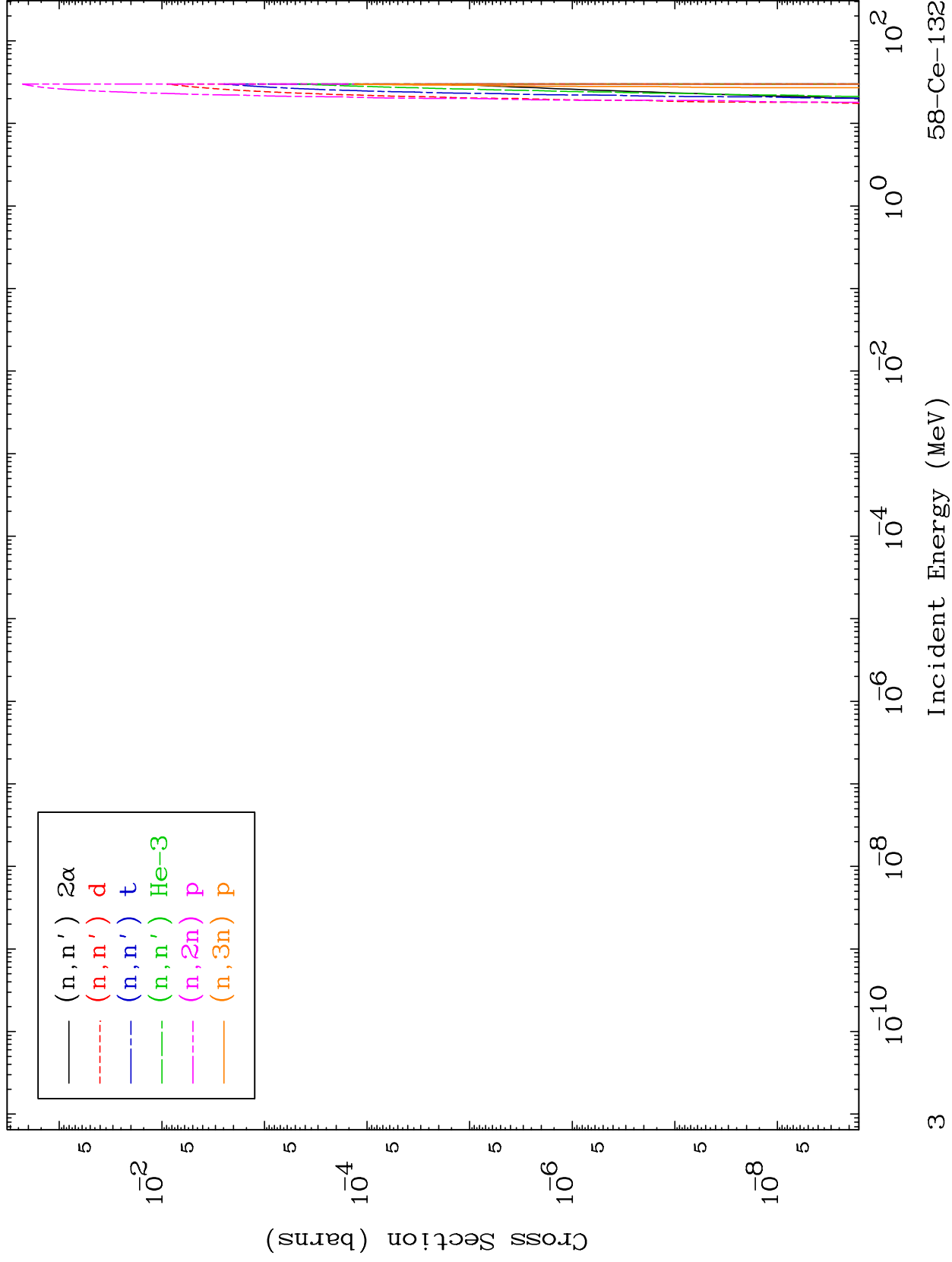


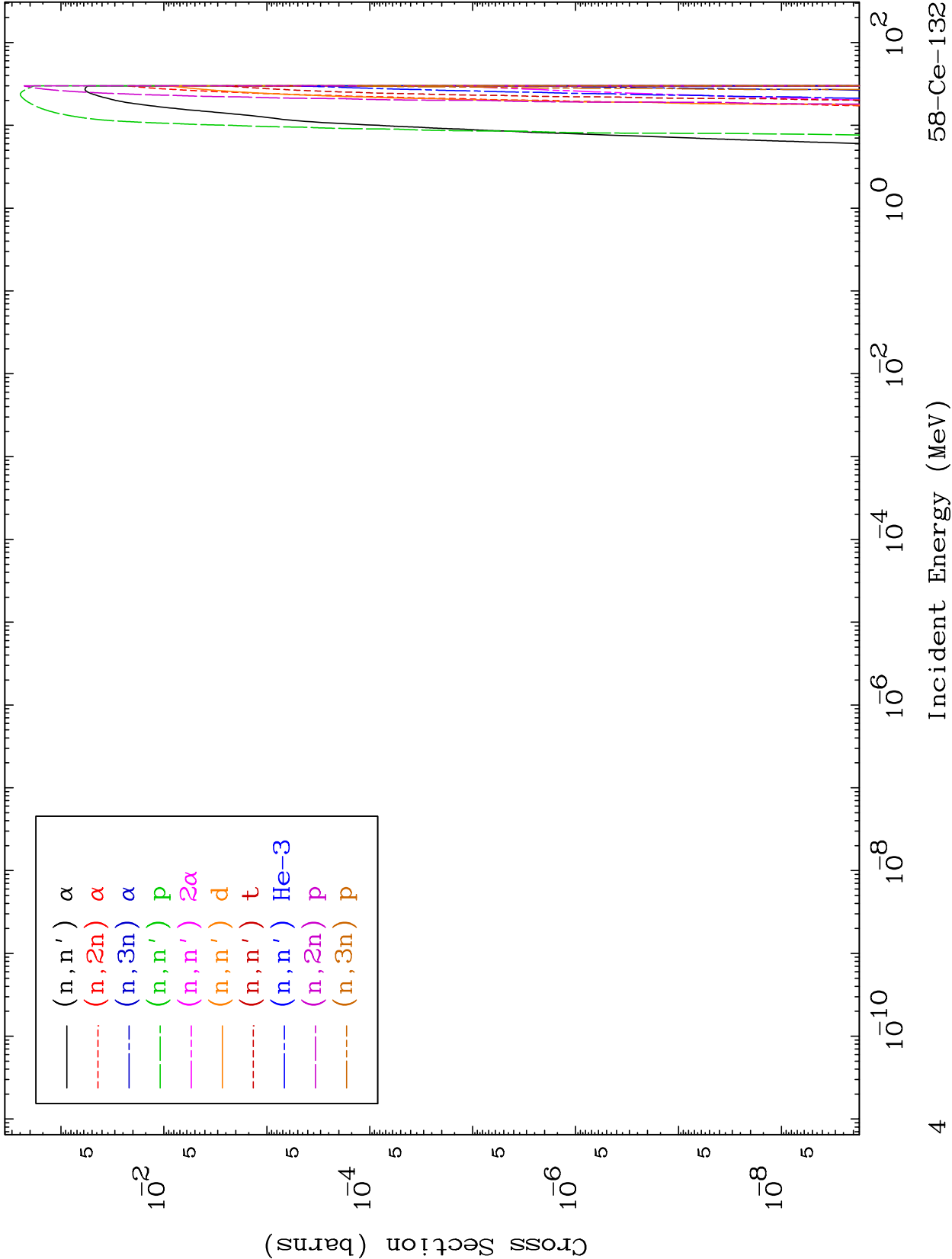


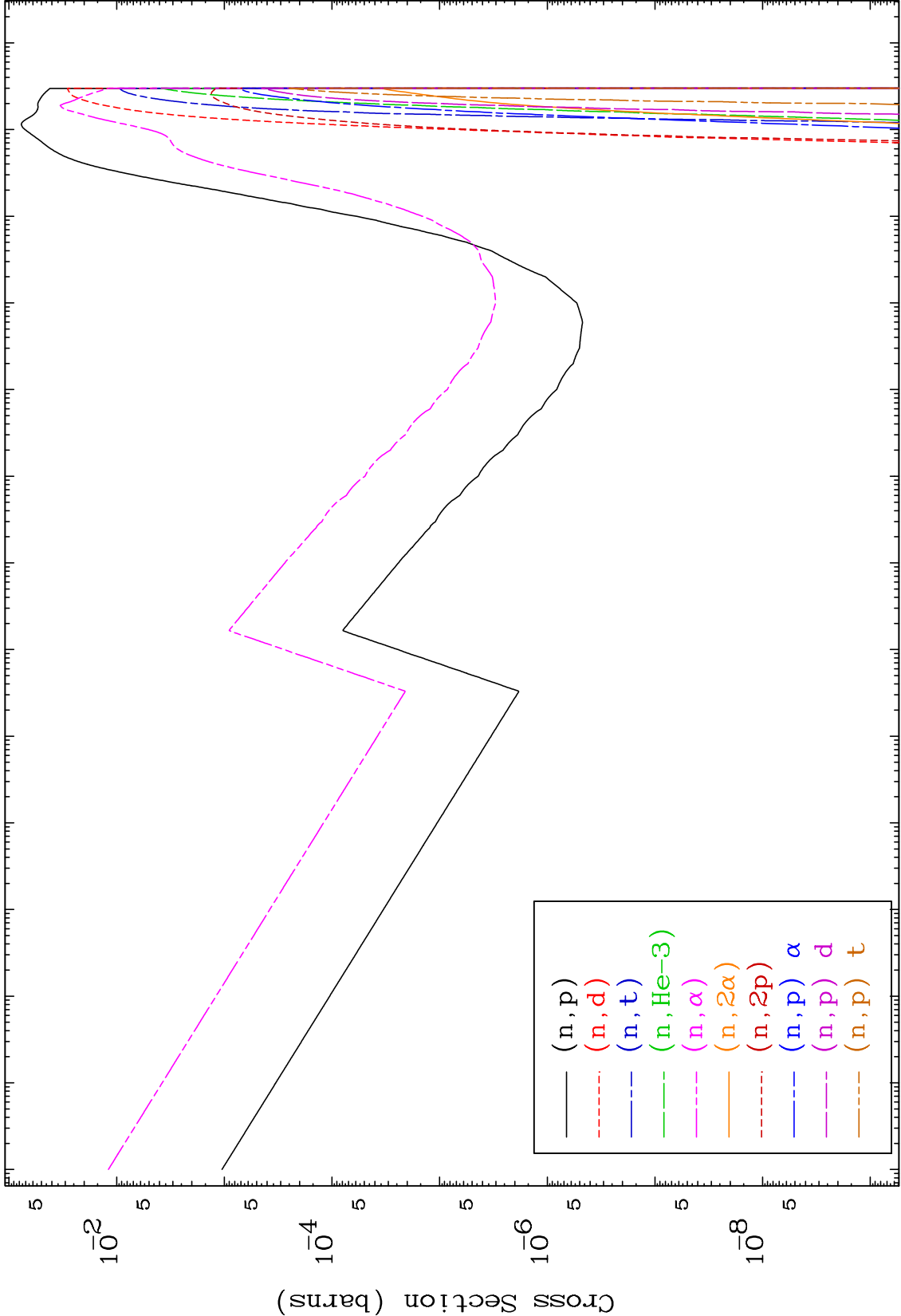
MAT 5813

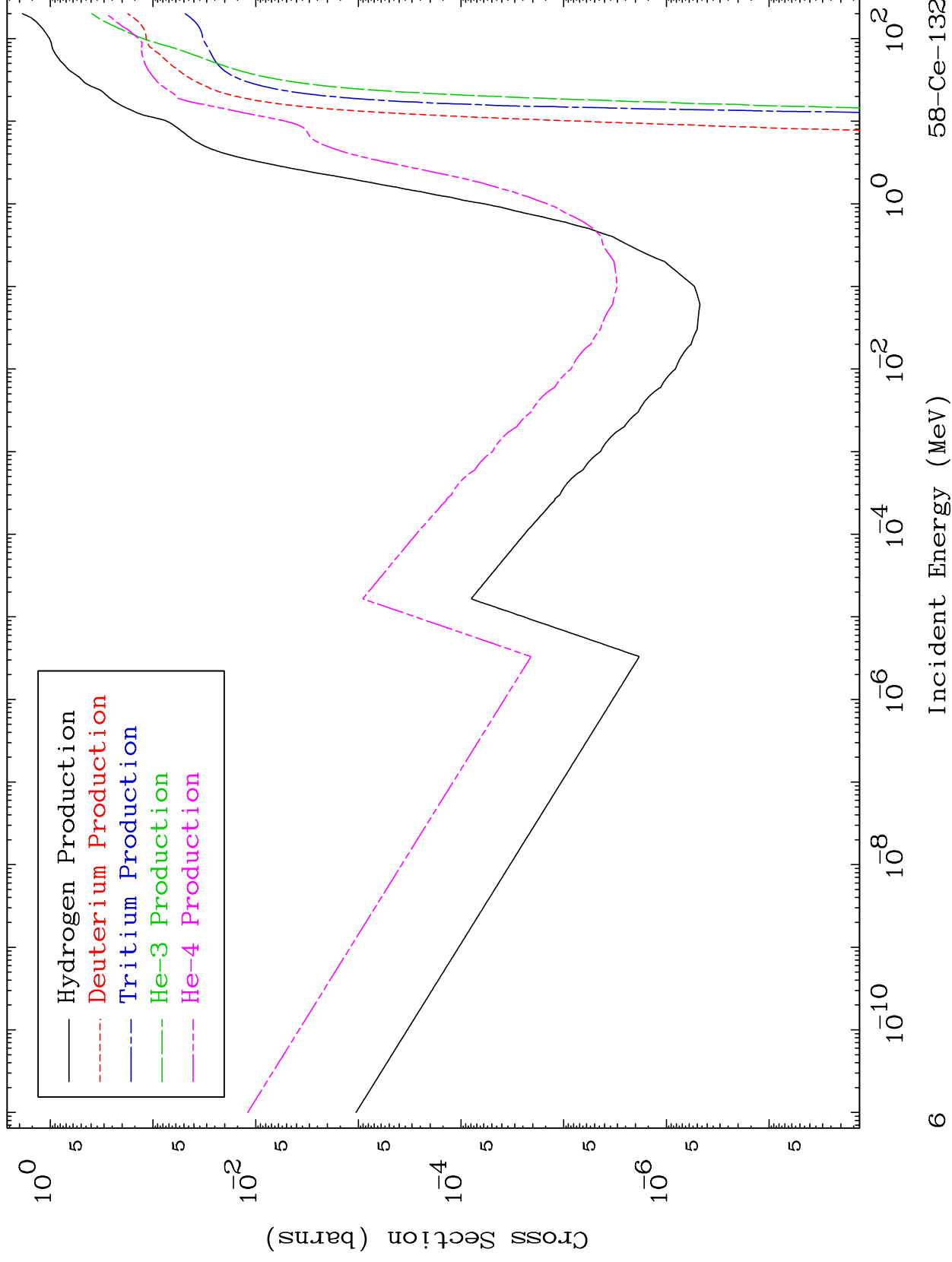
Neutron Production
293 Kelvin Cross Sections

58-Ce-132

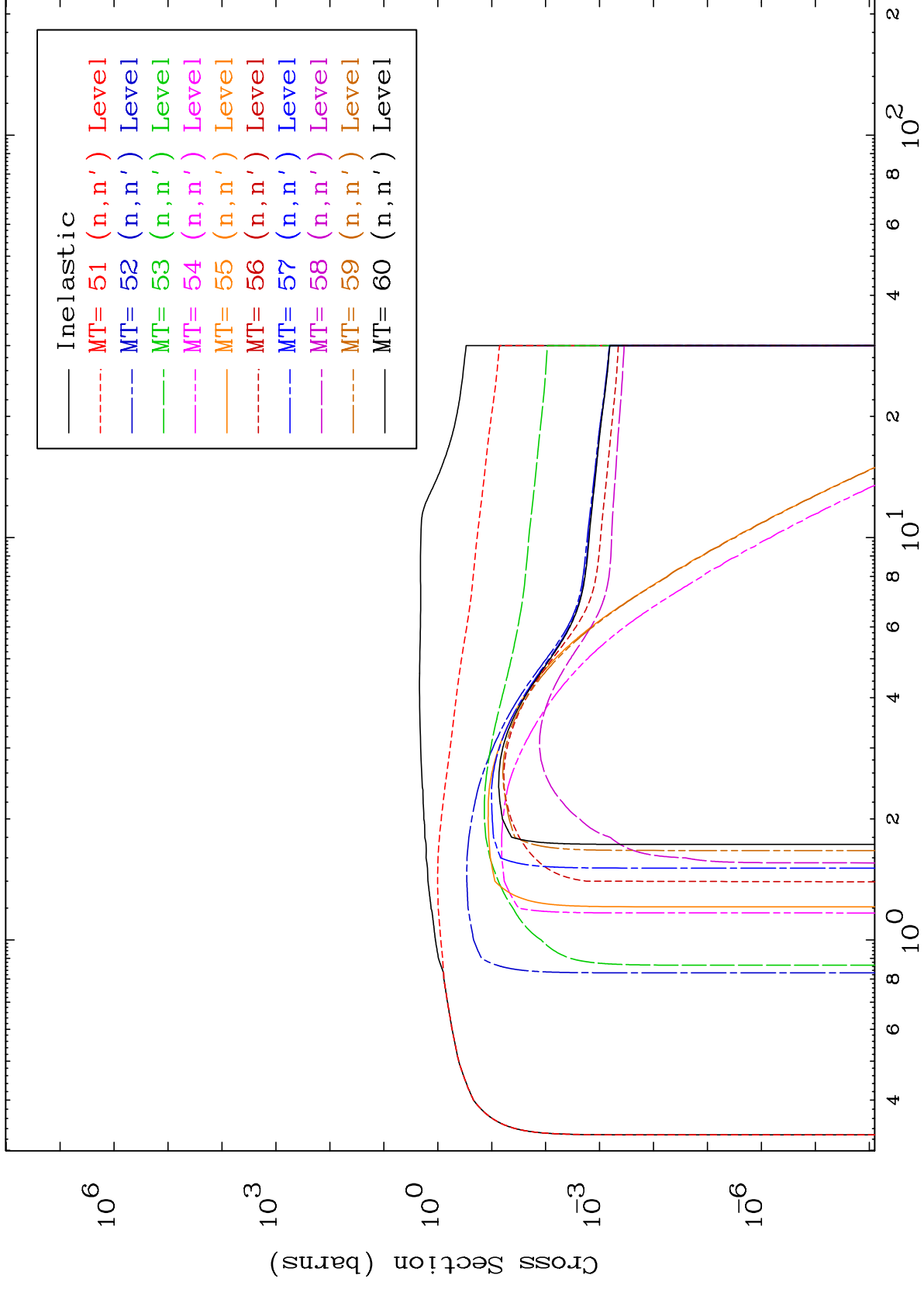








293 Kelvin Cross Sections

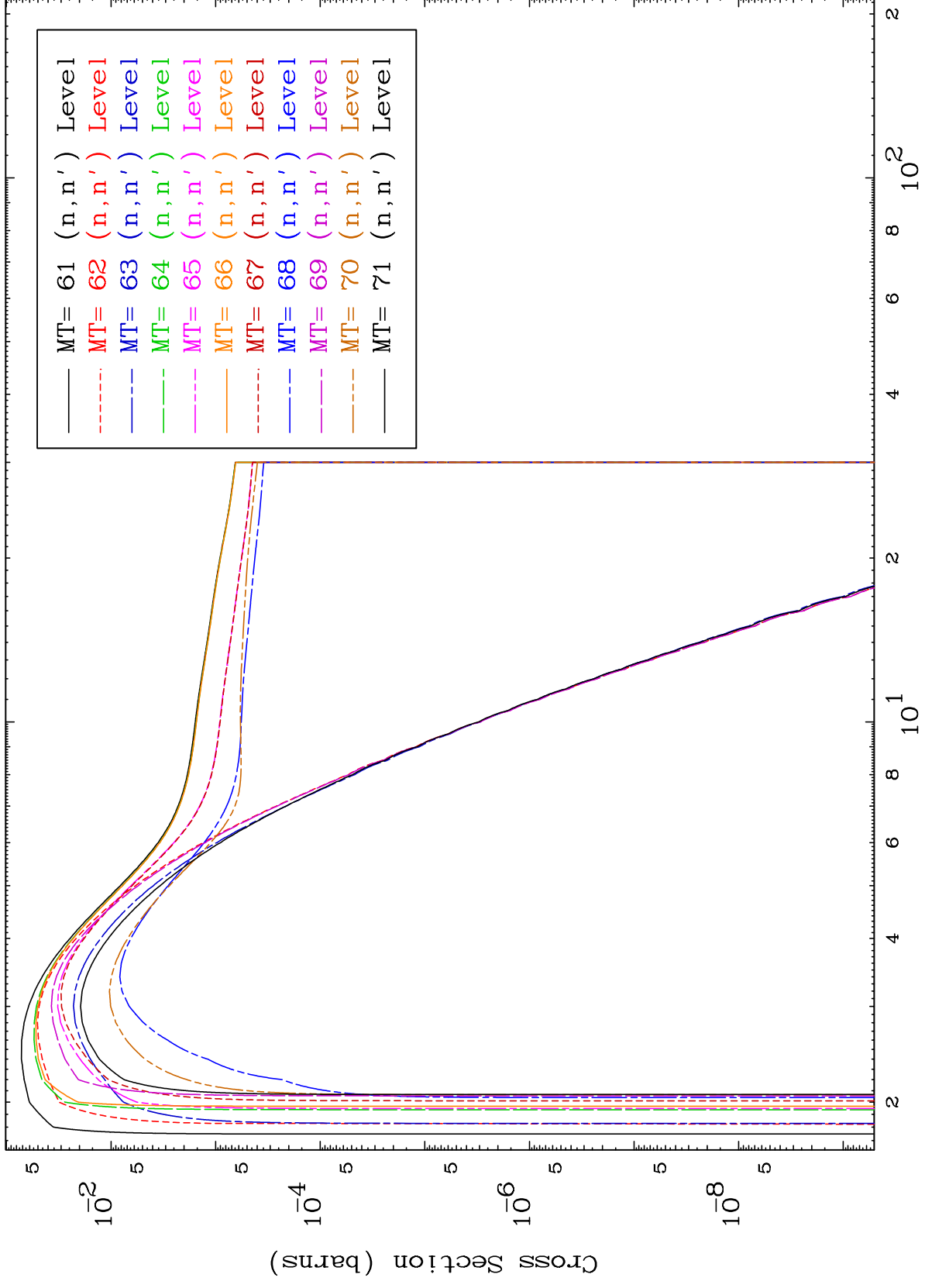


MAT 5813

(n,n') Level

58-Ce-132

293 Kelvin Cross Sections



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Incident Energy (MeV)

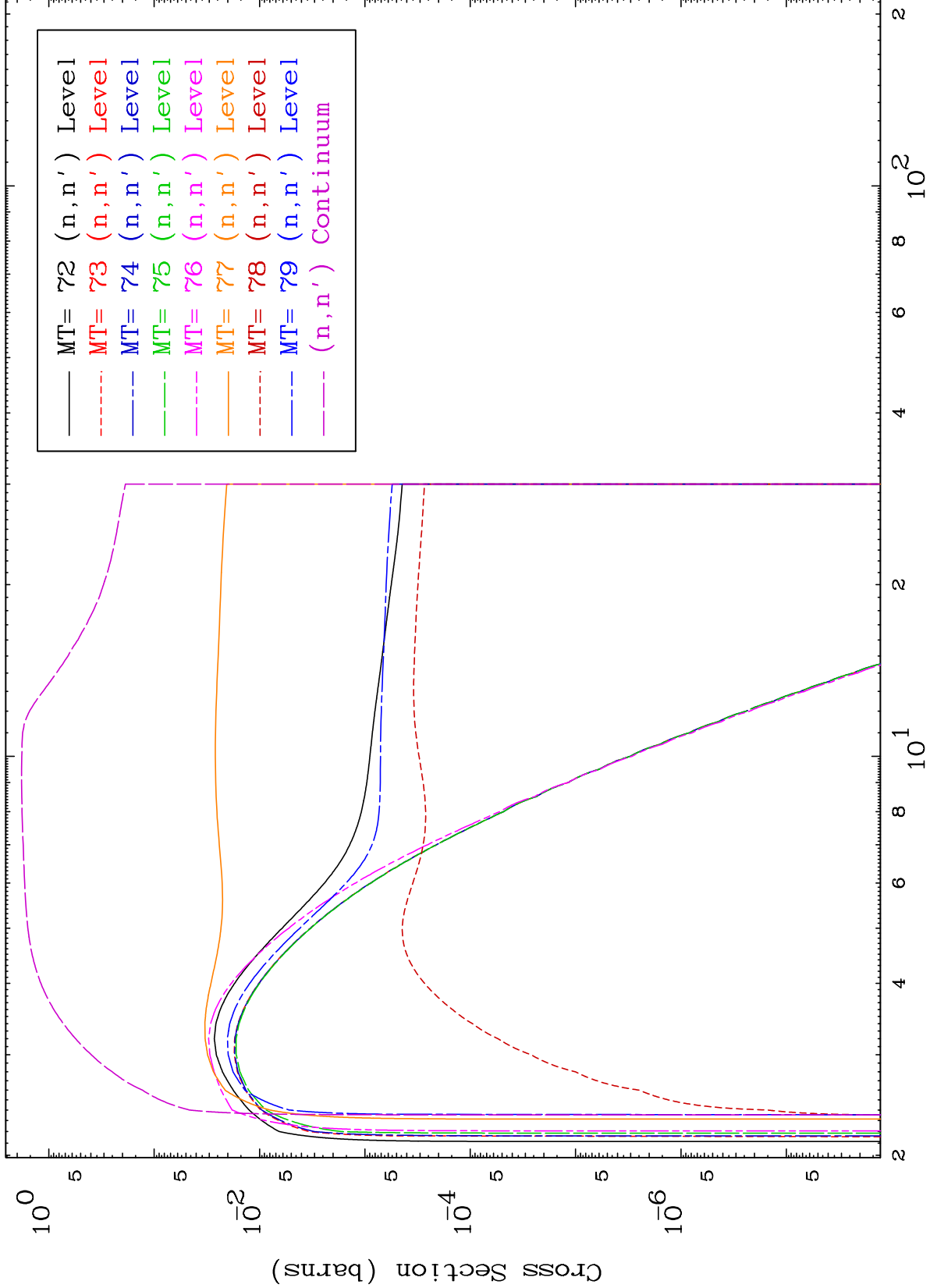
58-Ce-132

MAT 5813

(n,n') Level

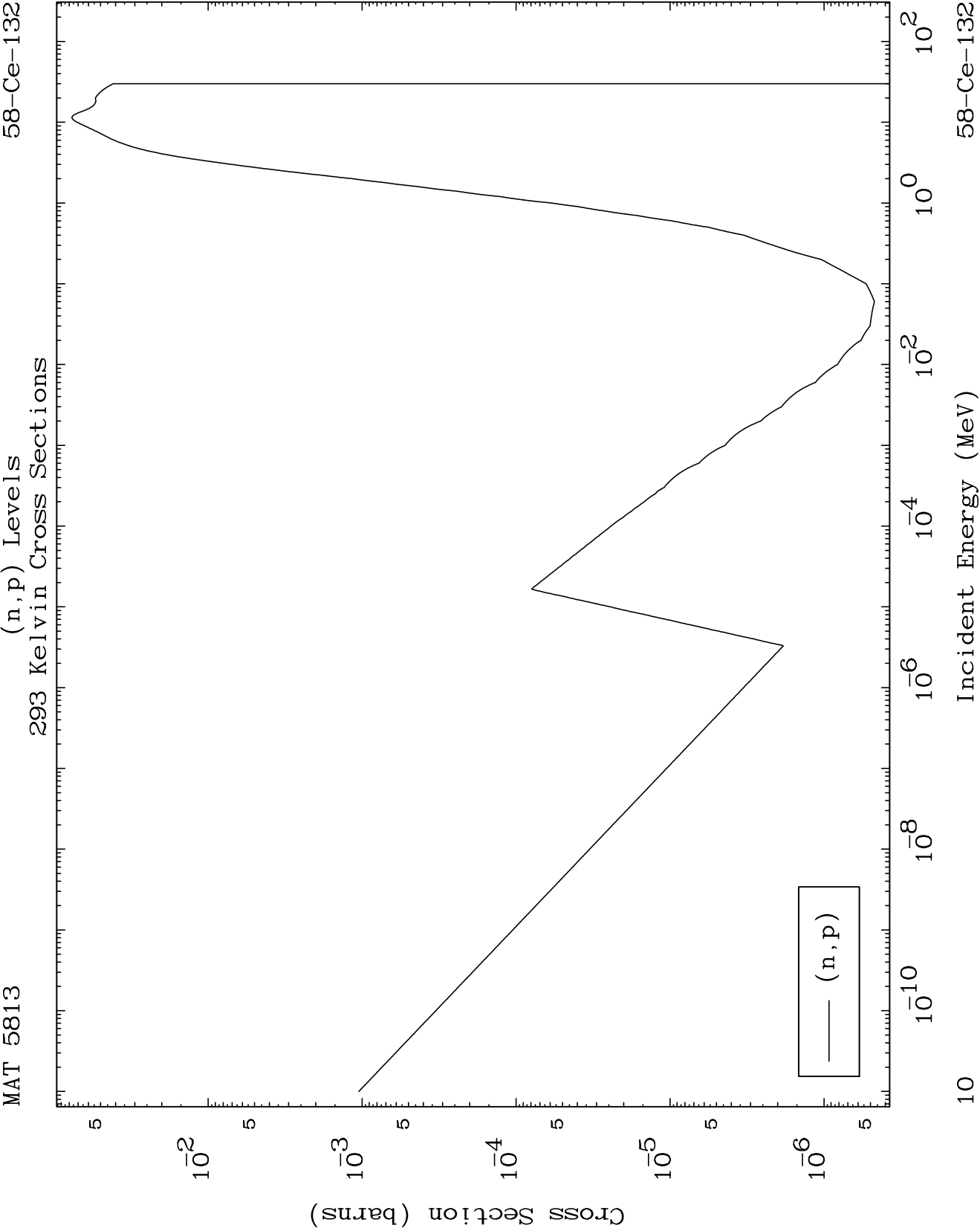
58-Ce-132

293 Kelvin Cross Sections



Incident Energy (MeV)

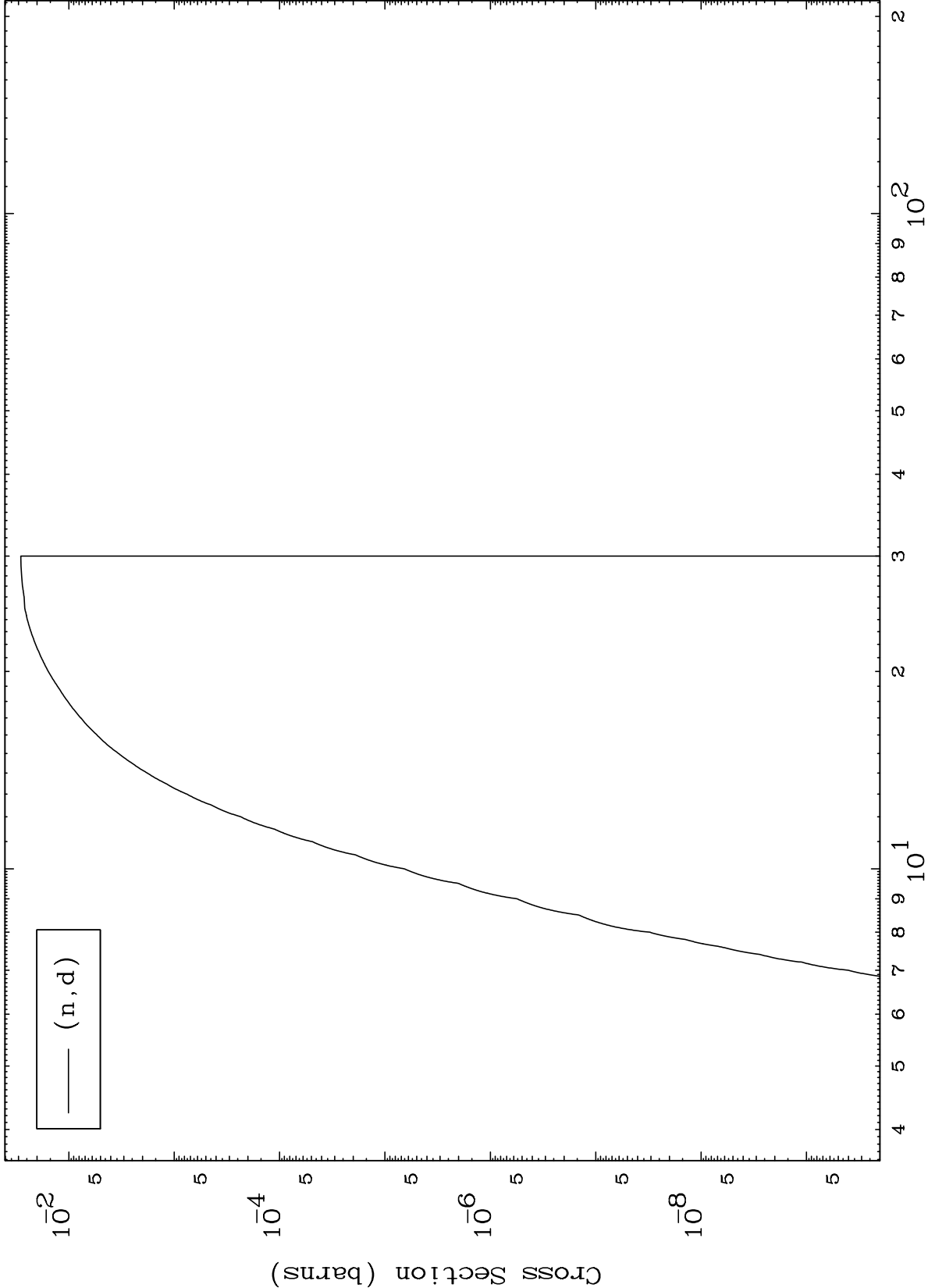
58-Ce-132



MAT 5813

(n,d) Levels
293 Kelvin Cross Sections

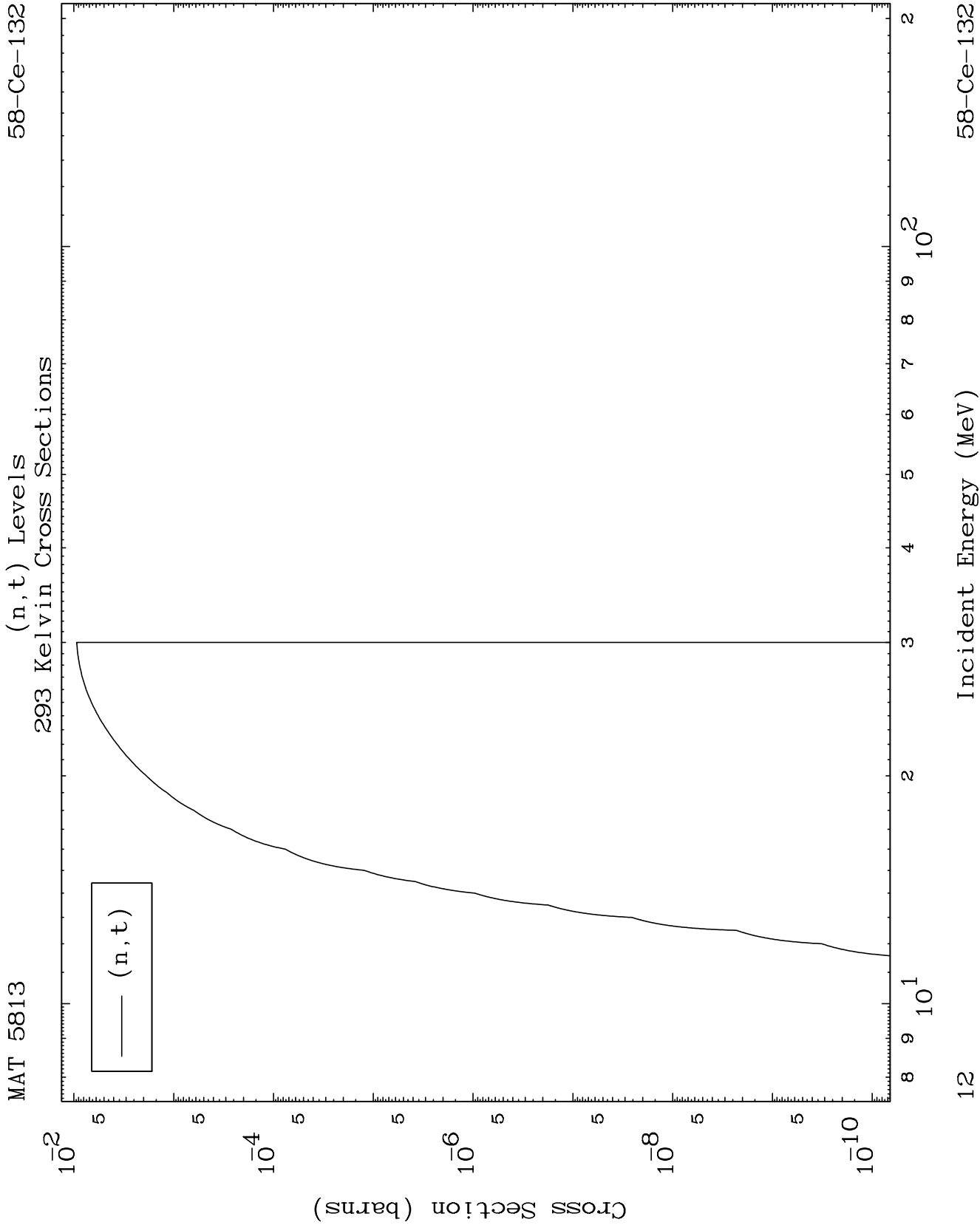
58-Ce-132

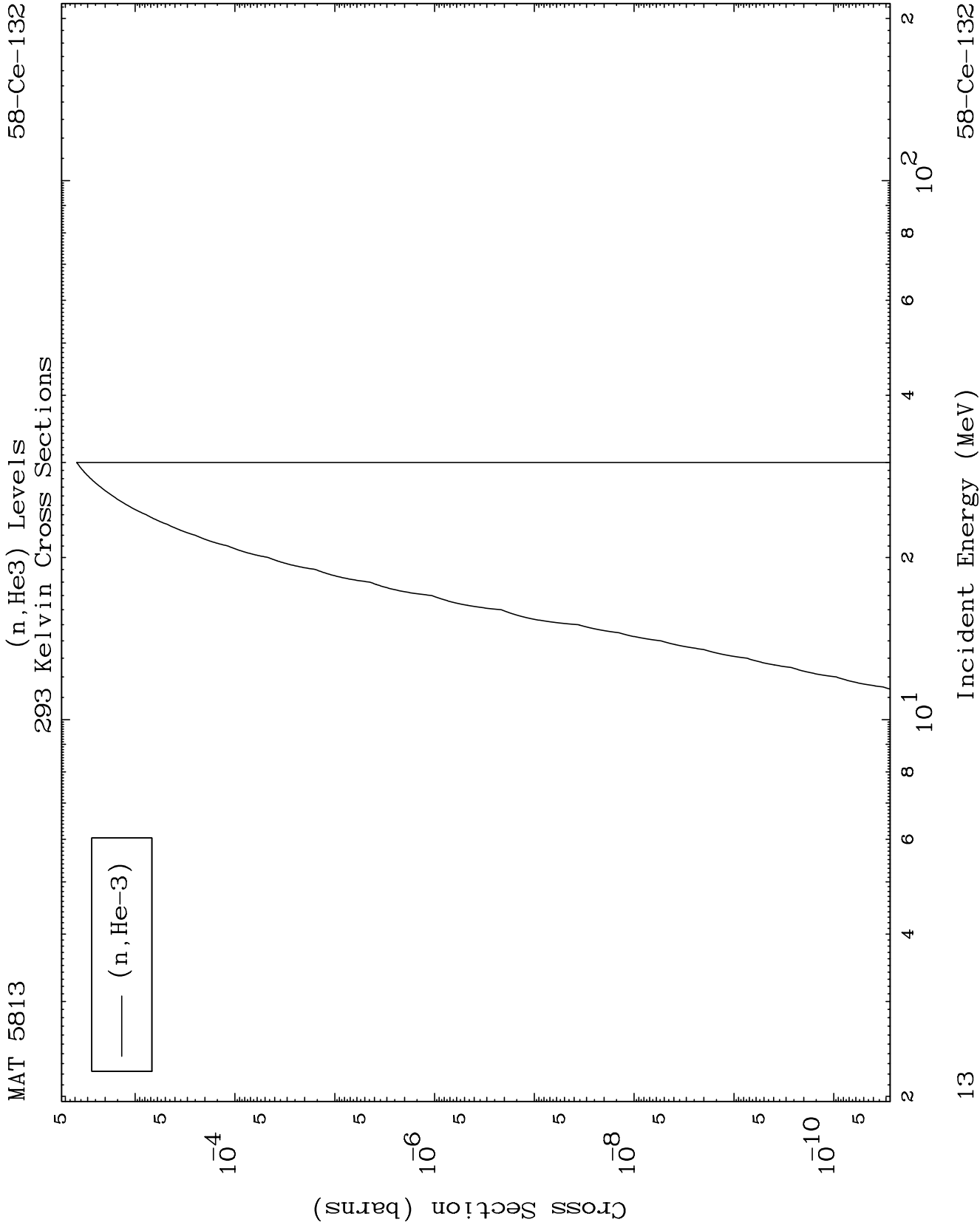


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Incident Energy (MeV)

58-Ce-132

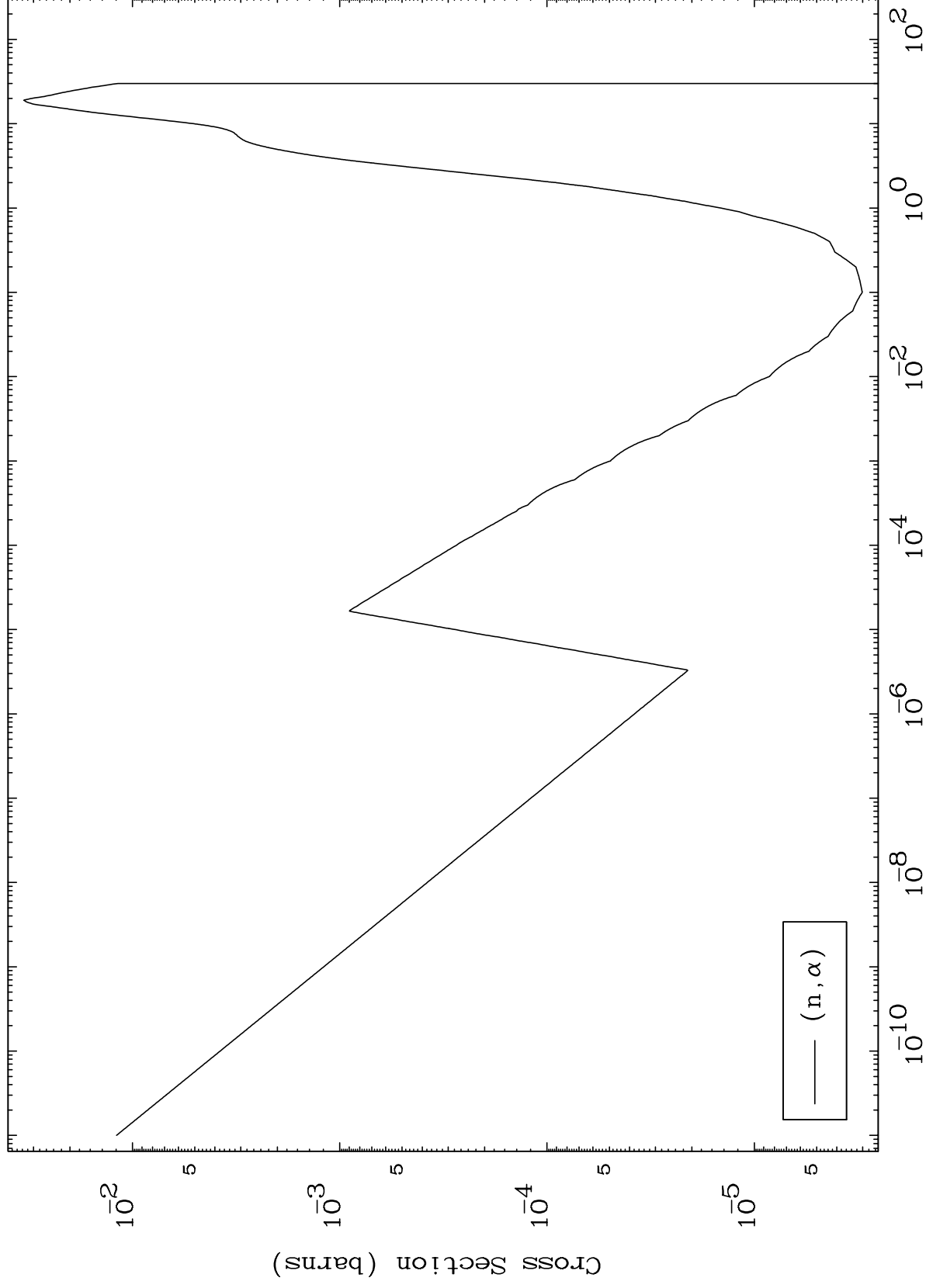




MAT 5813

(n, α) Levels
293 Kelvin Cross Sections

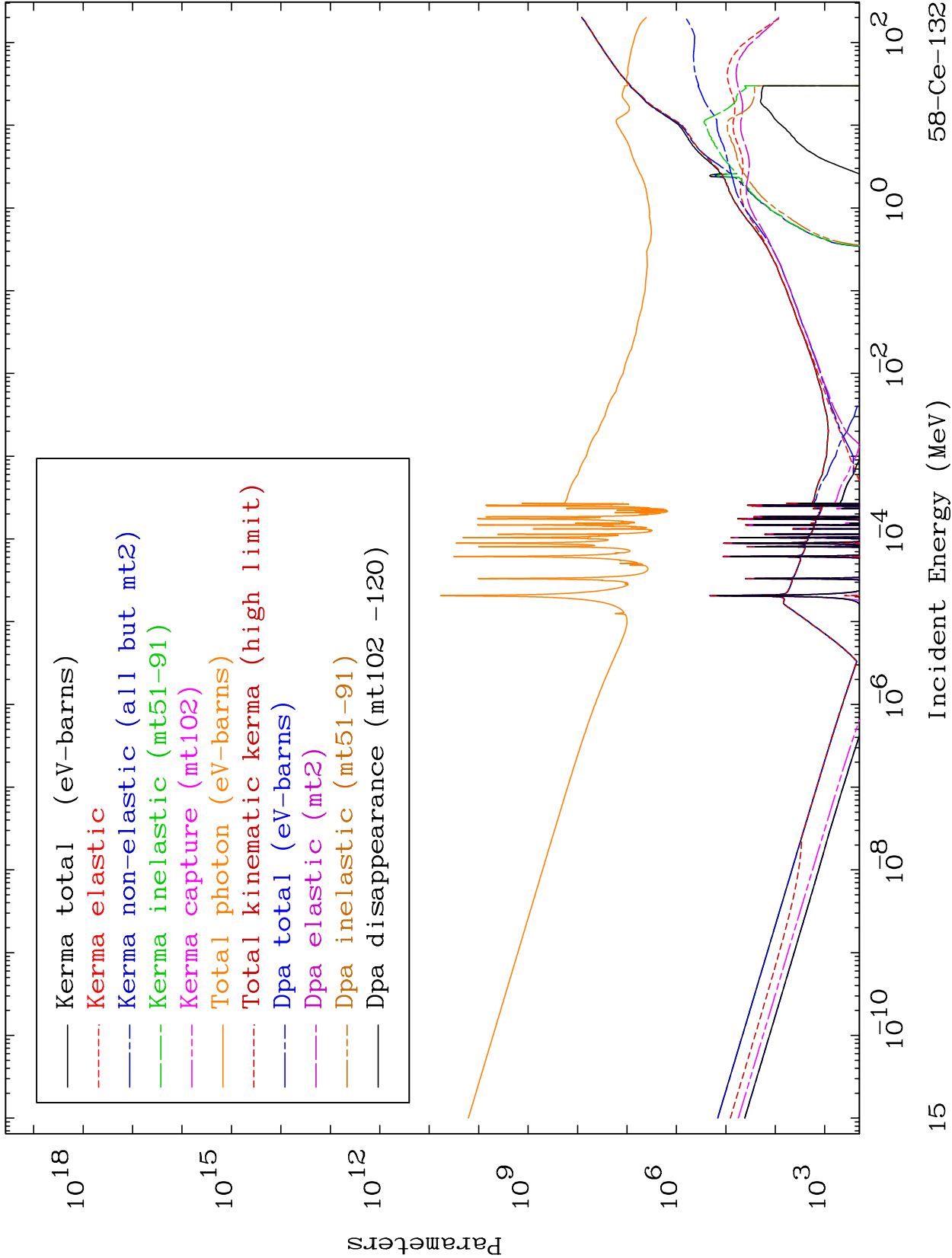
58-Ce-132

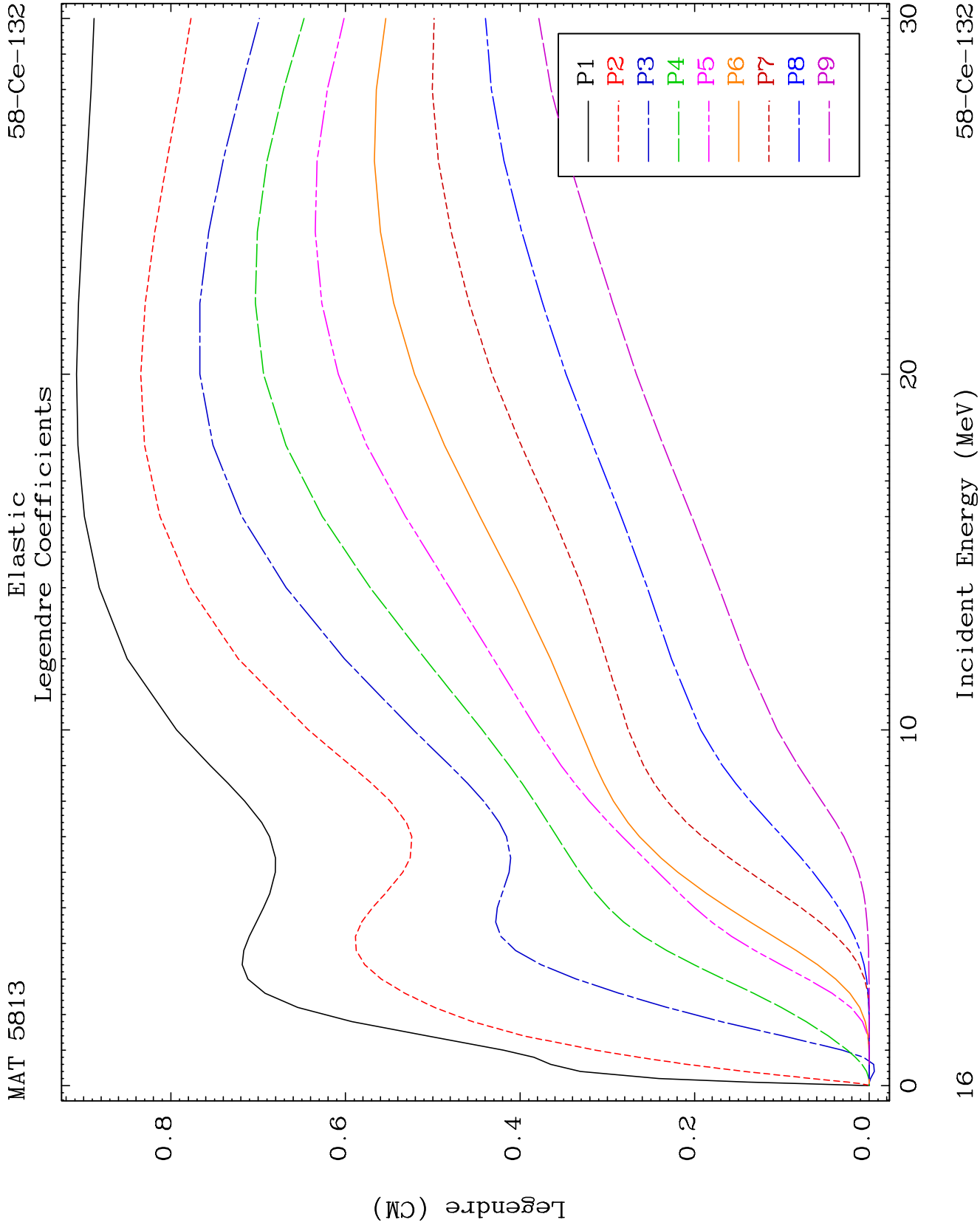


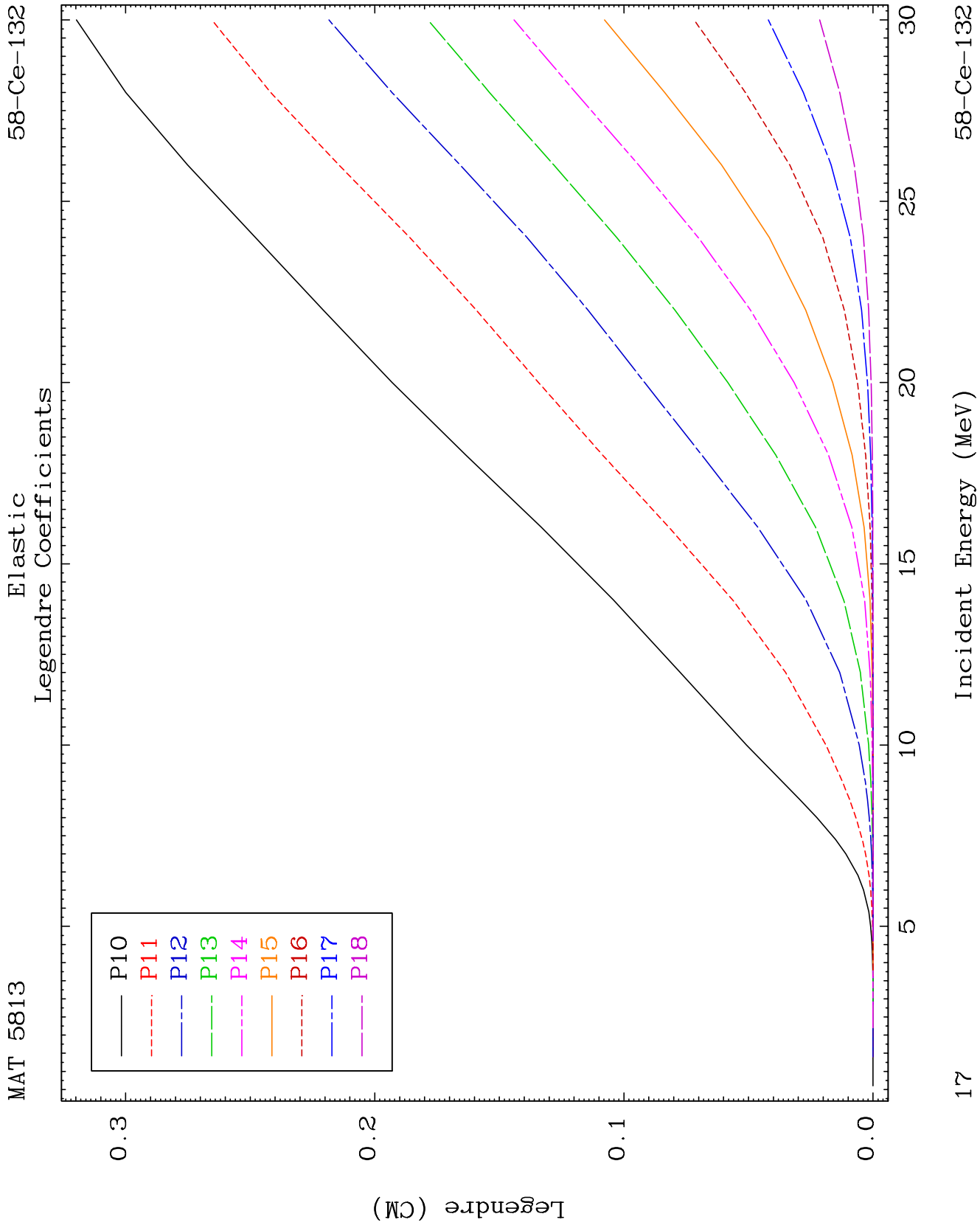
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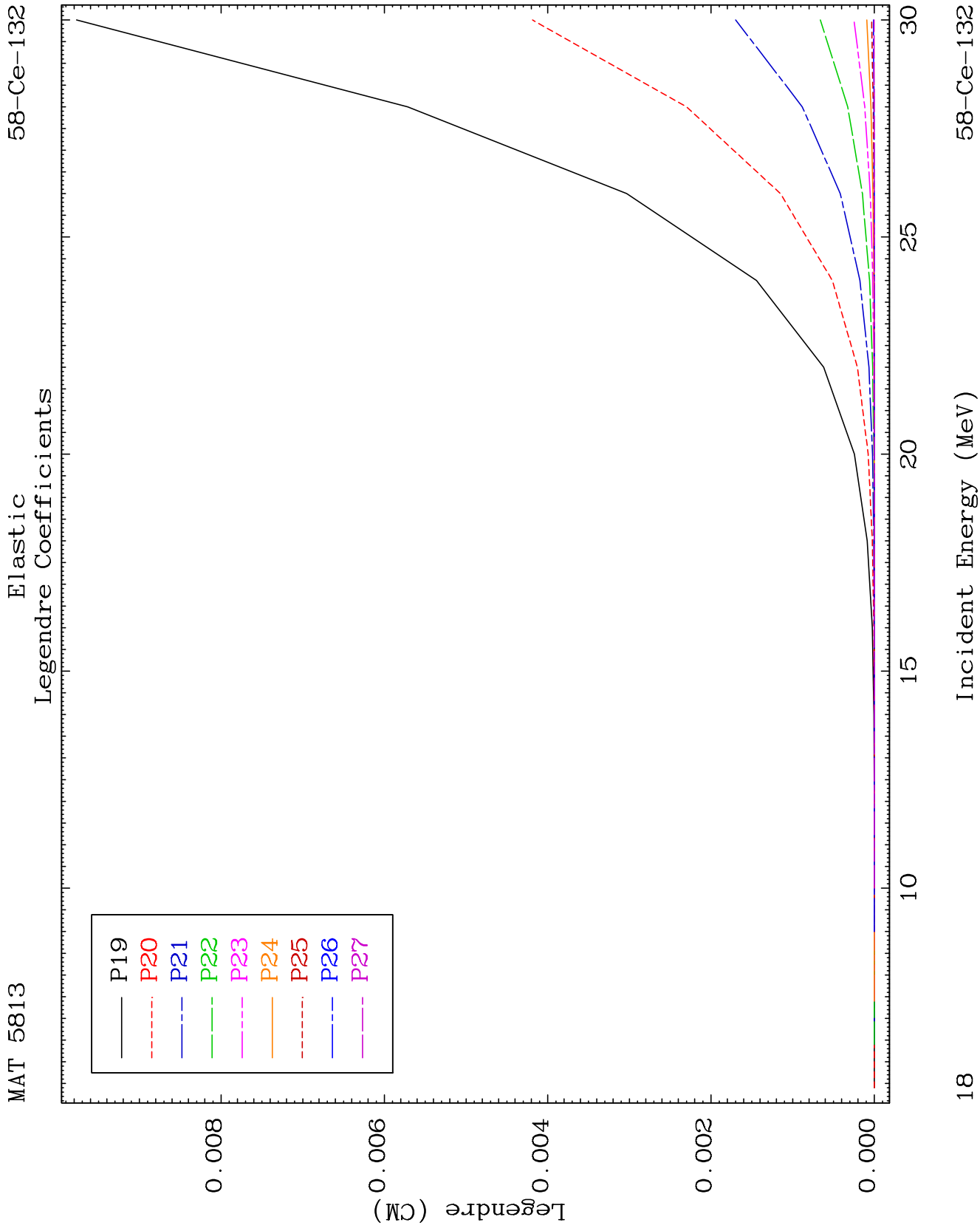
Incident Energy (MeV)

58-Ce-132





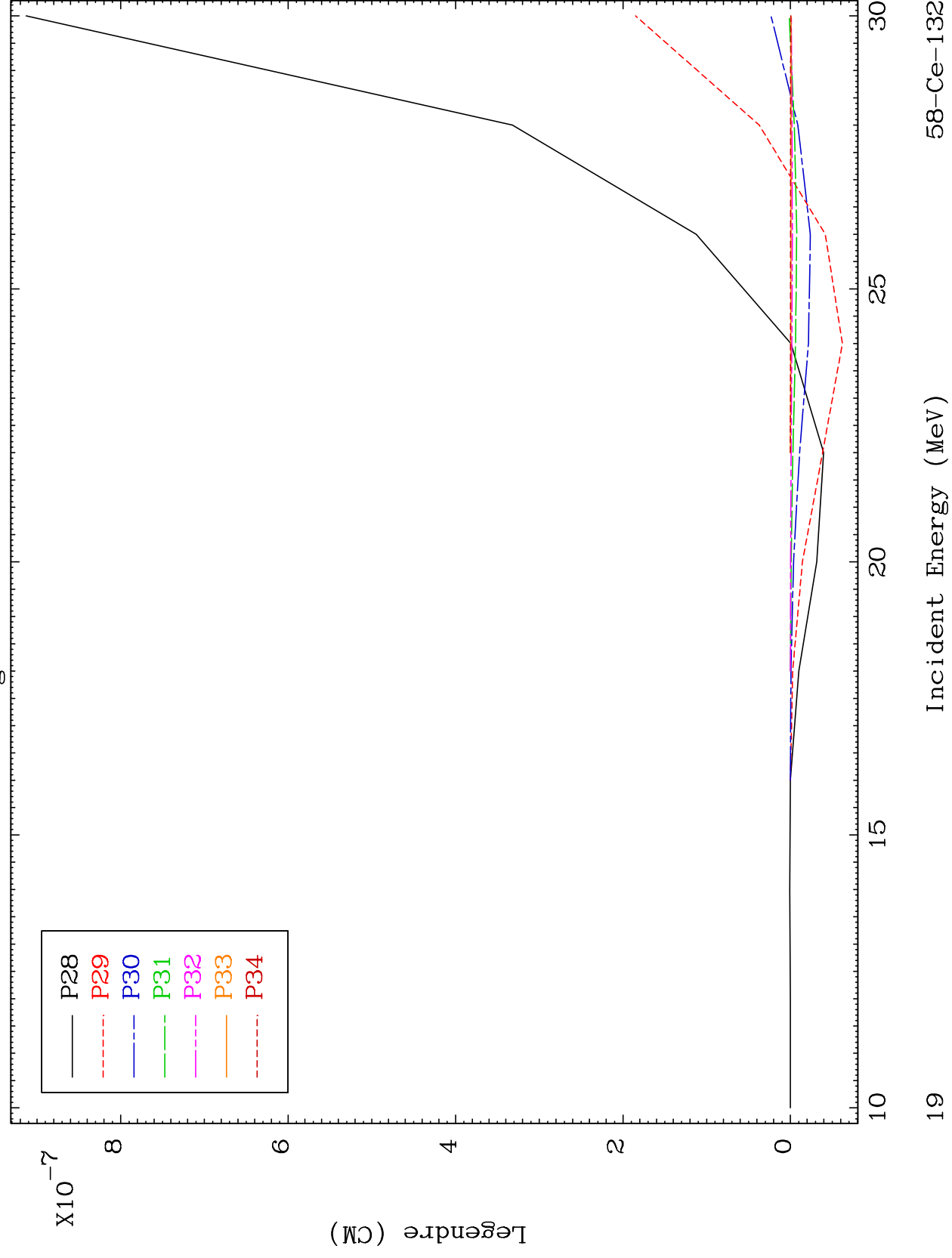




MAT 5813

Elastic Legendre Coefficients

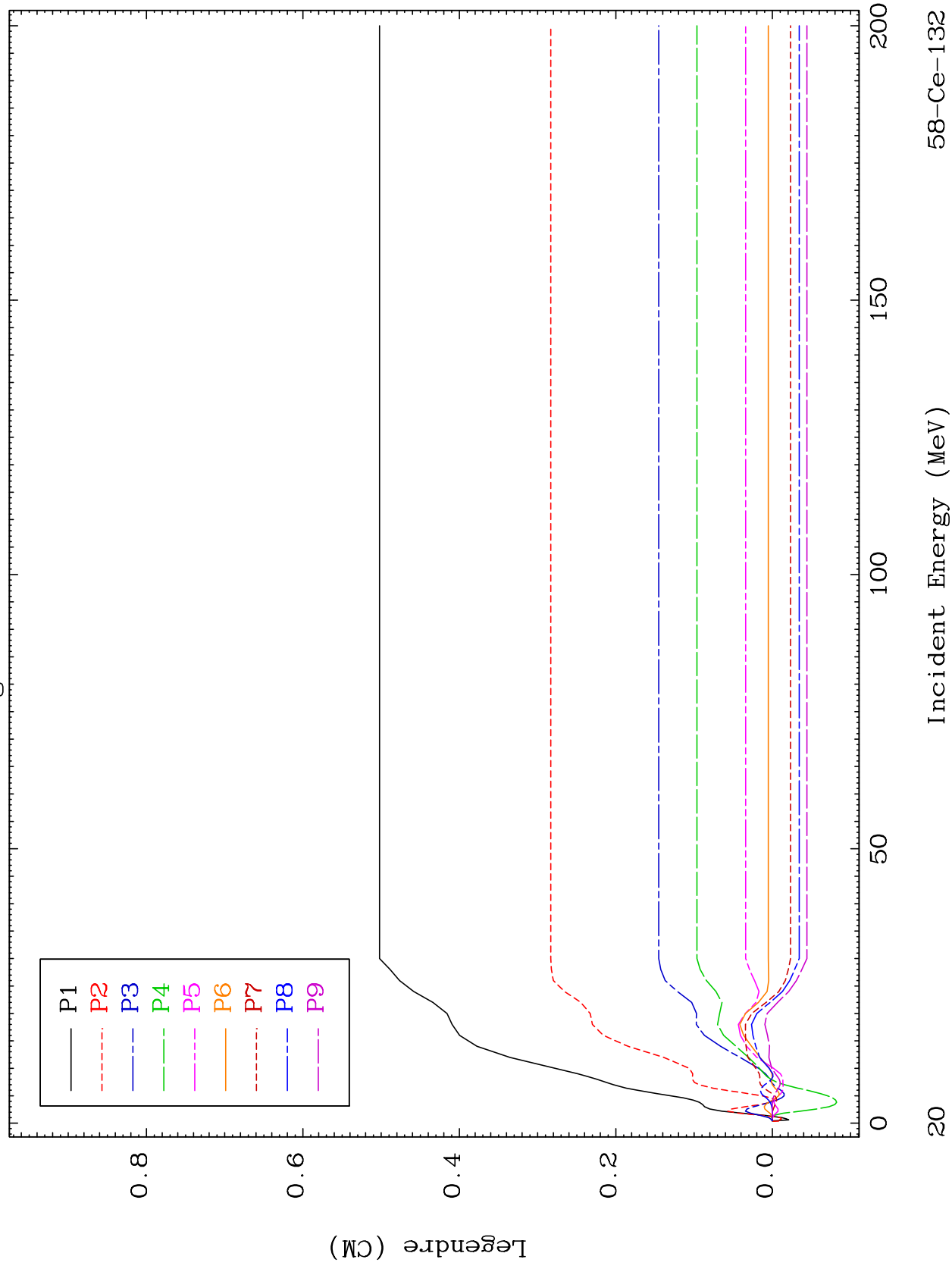
58-Ce-132

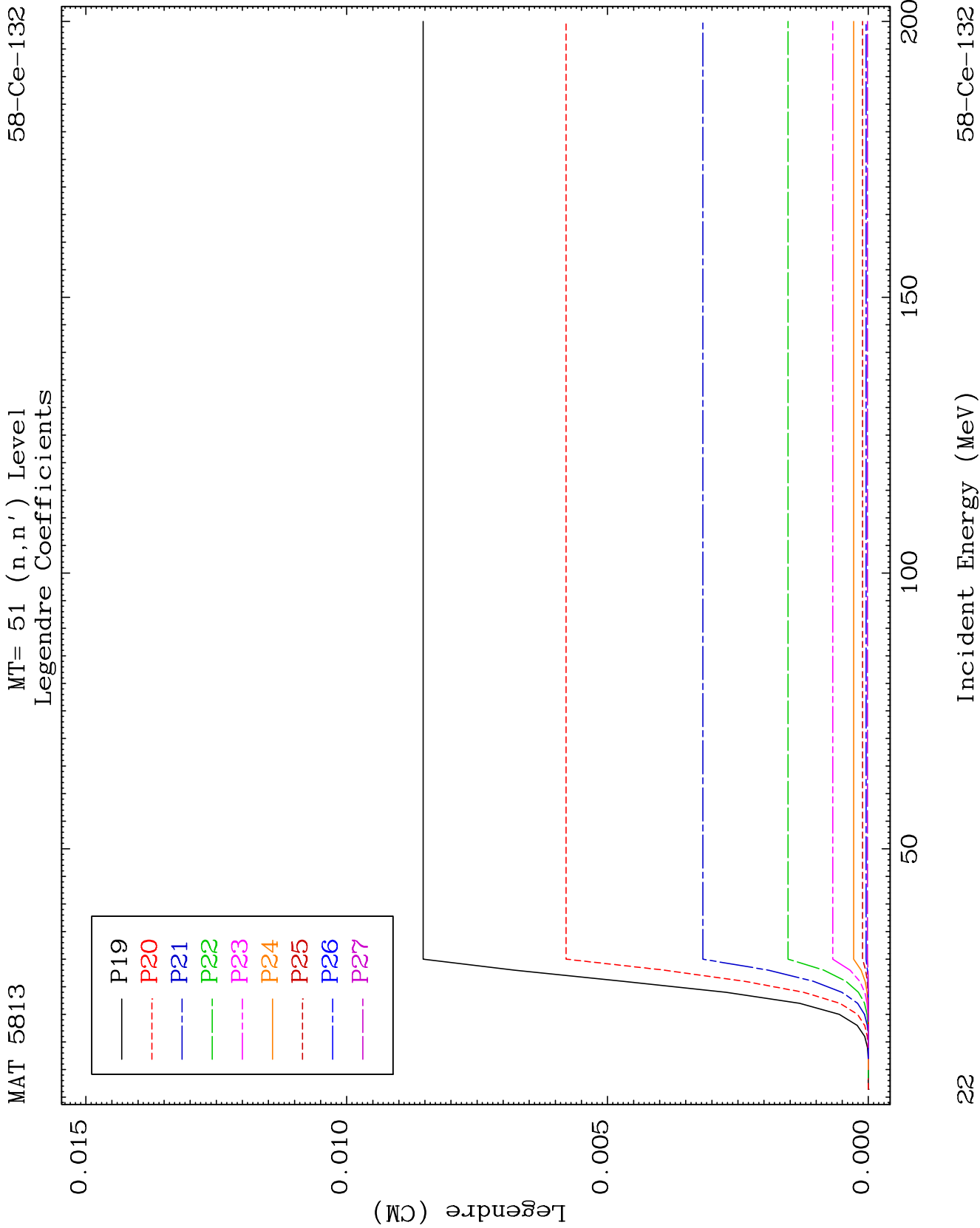


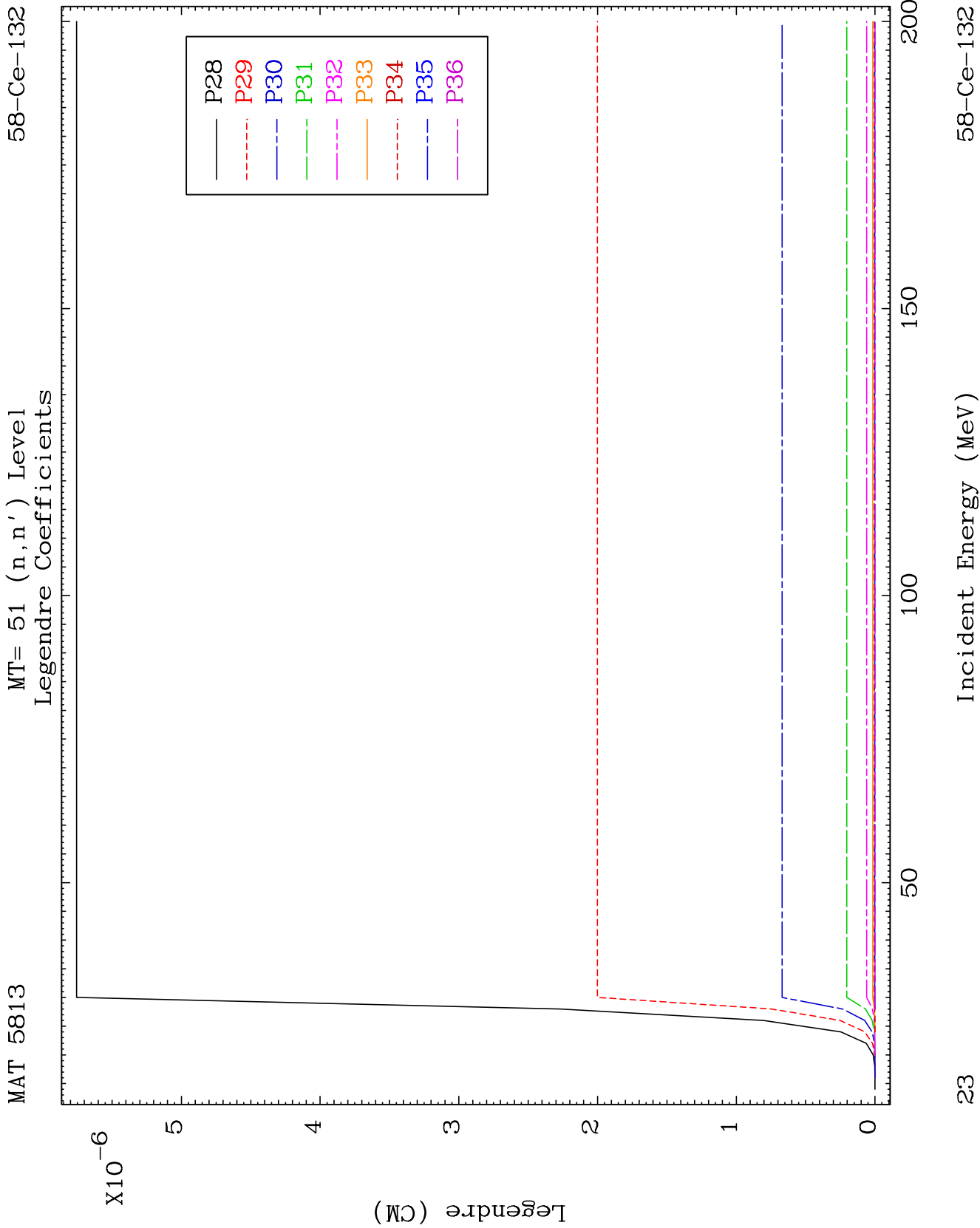
MAT 5813

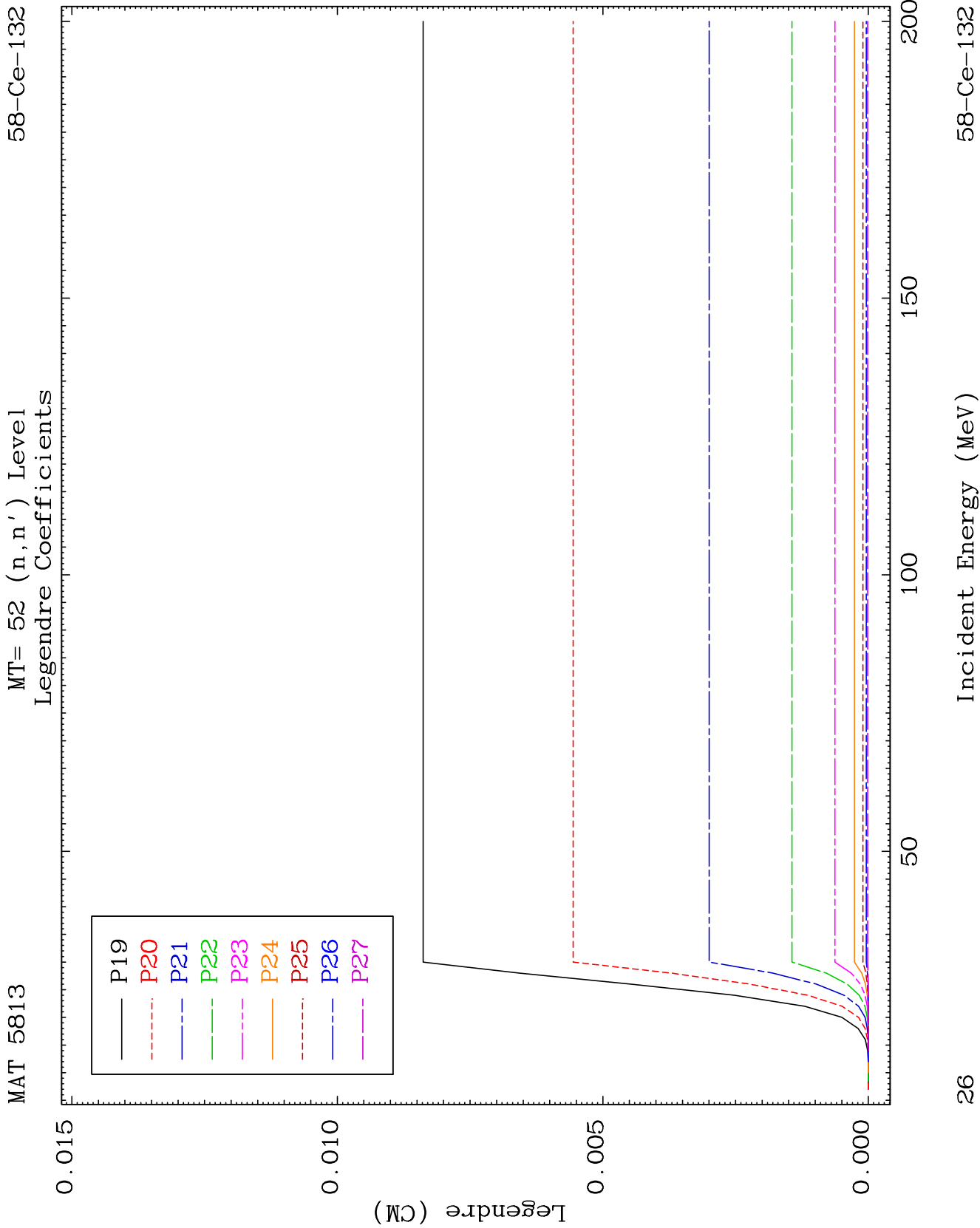
MT= 51 (n, n') Level
Legendre Coefficients

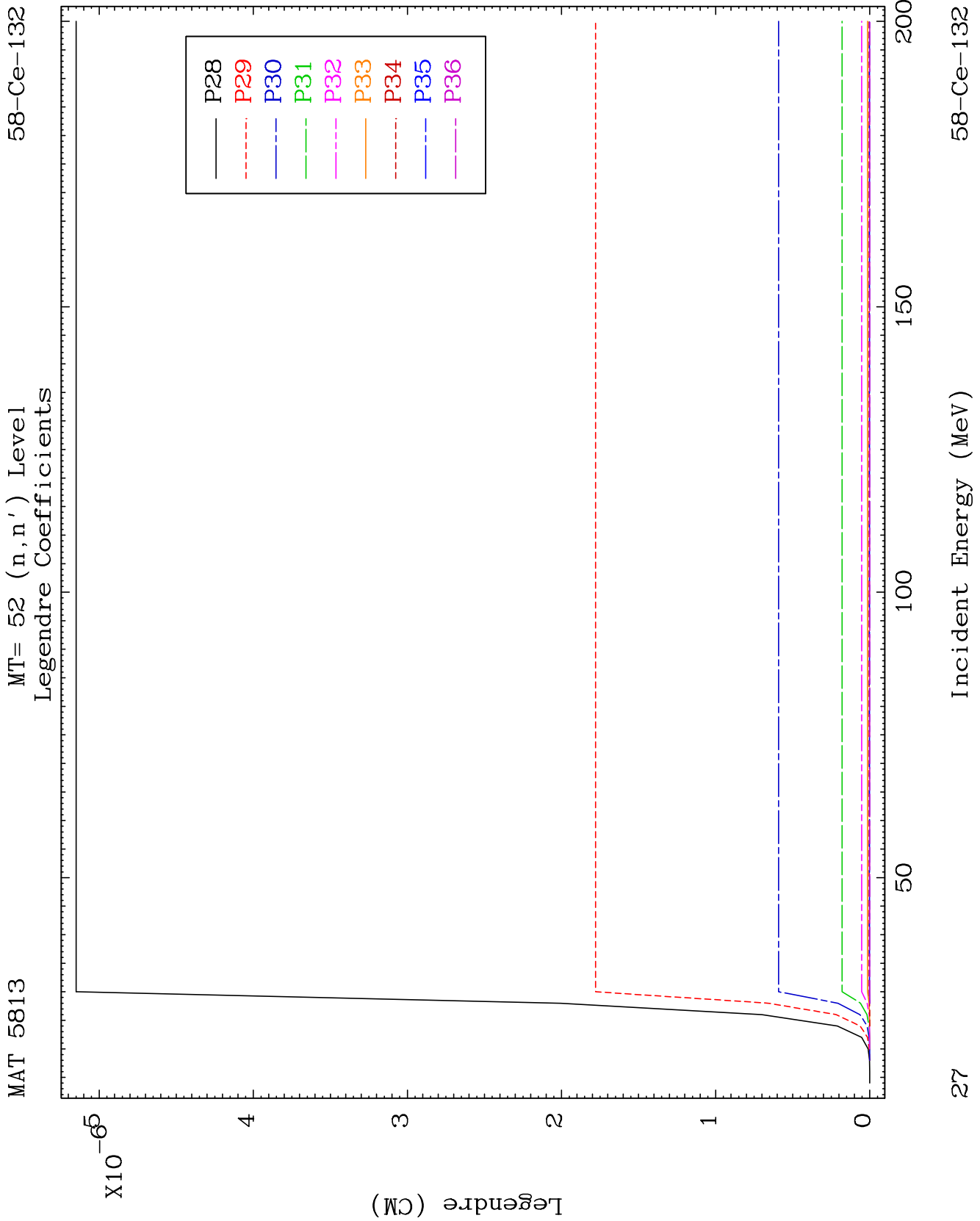
58-Ce-132

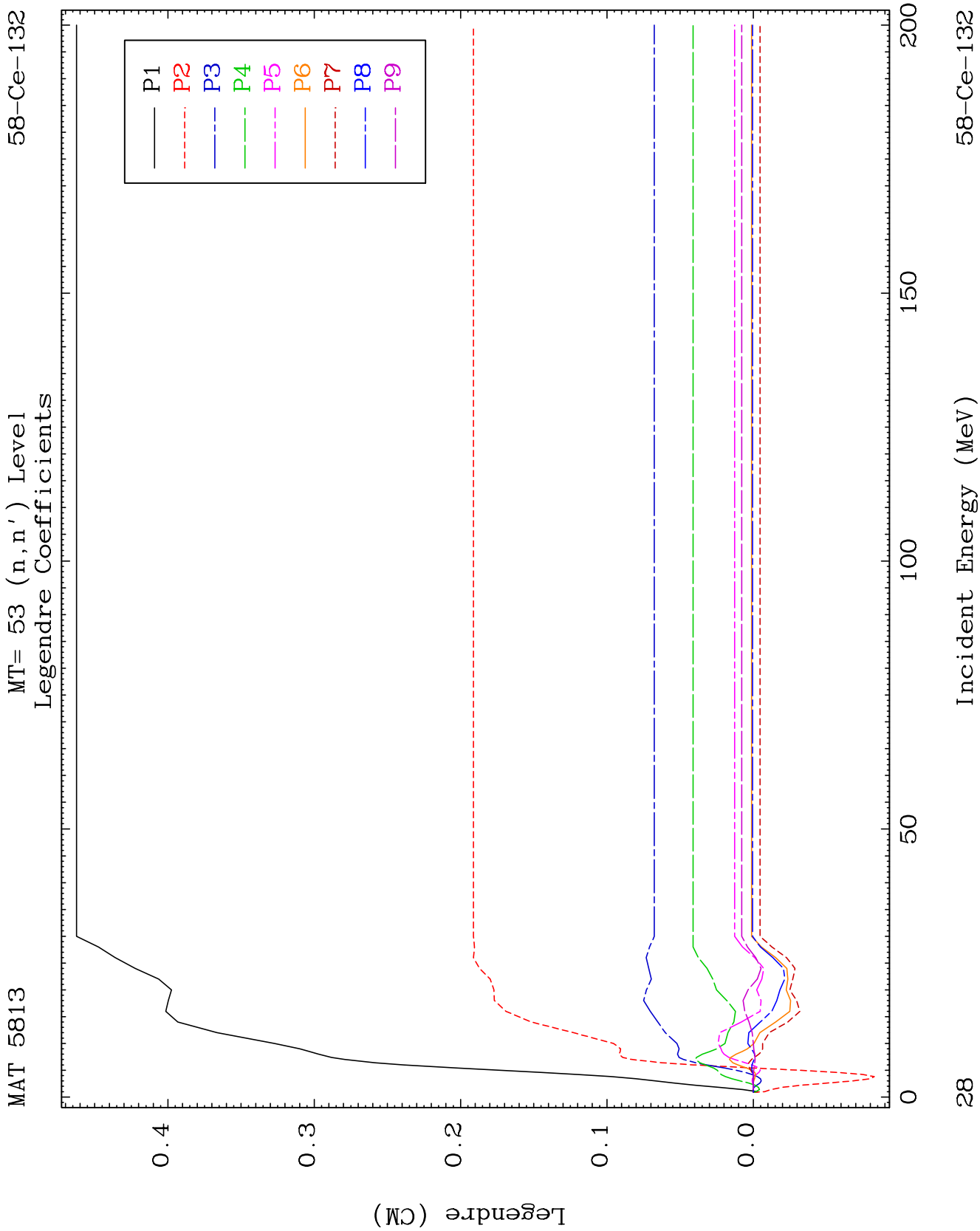








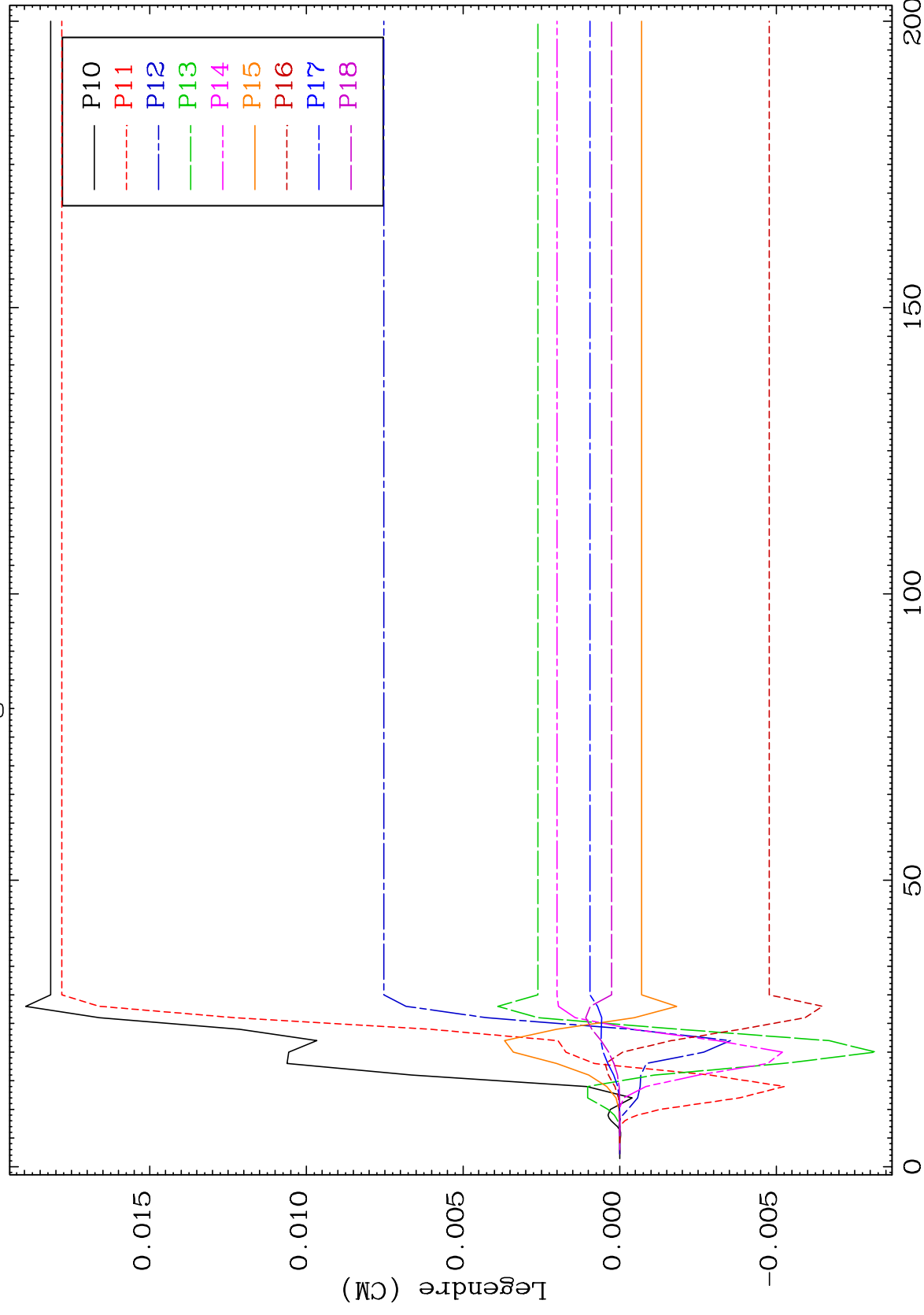




MAT 5813

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

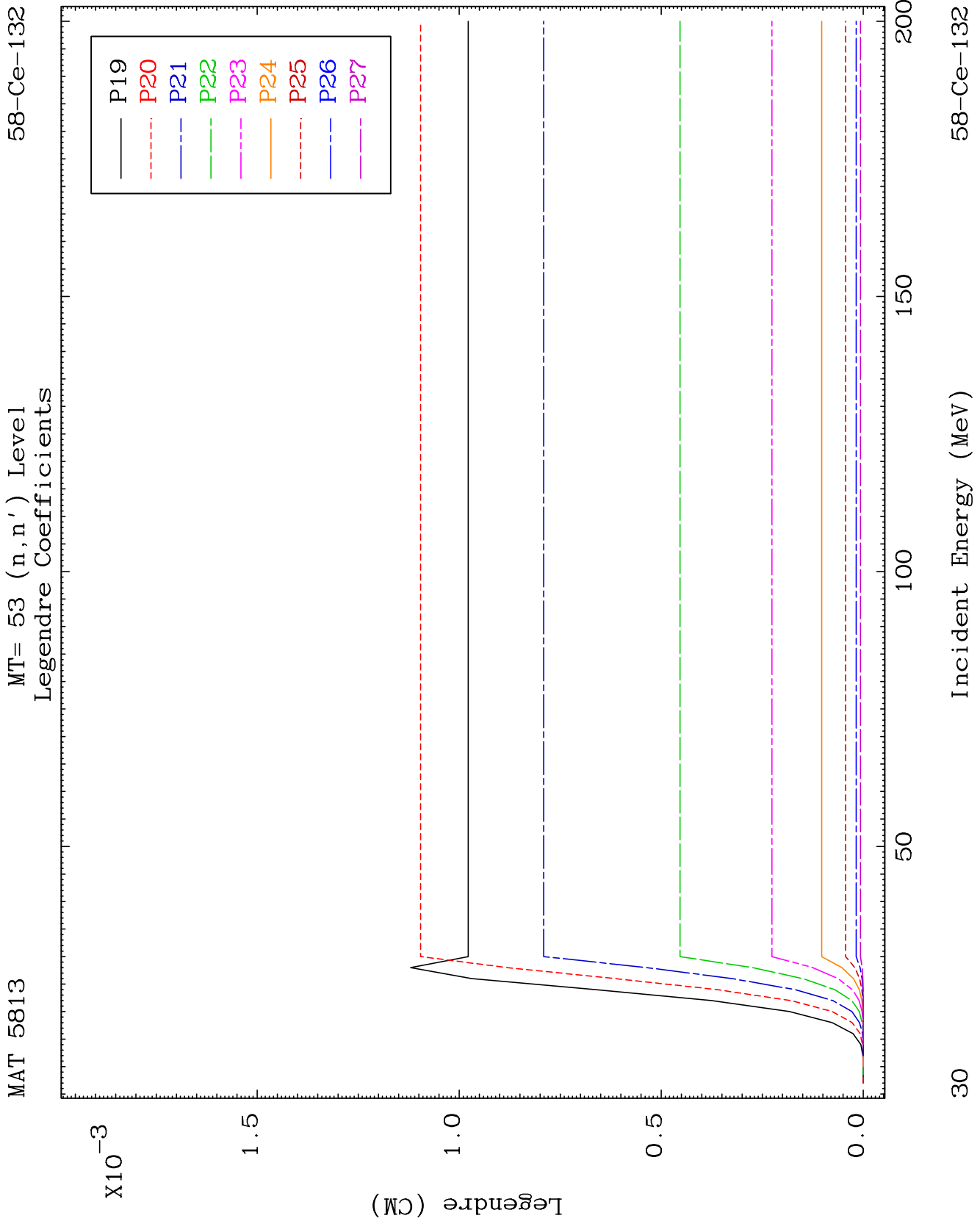
58-Ce-132

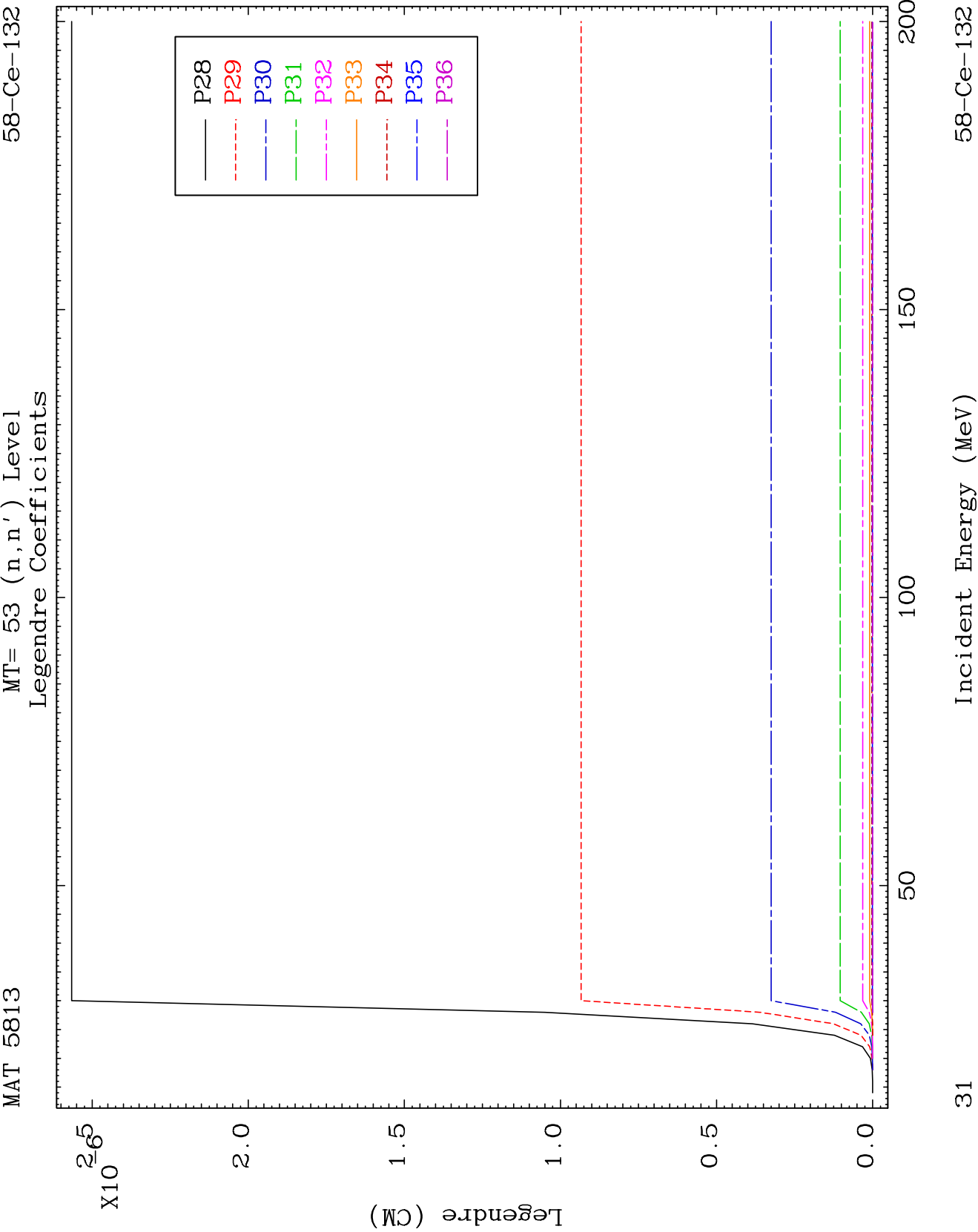


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Incident Energy (MeV)

58-Ce-132

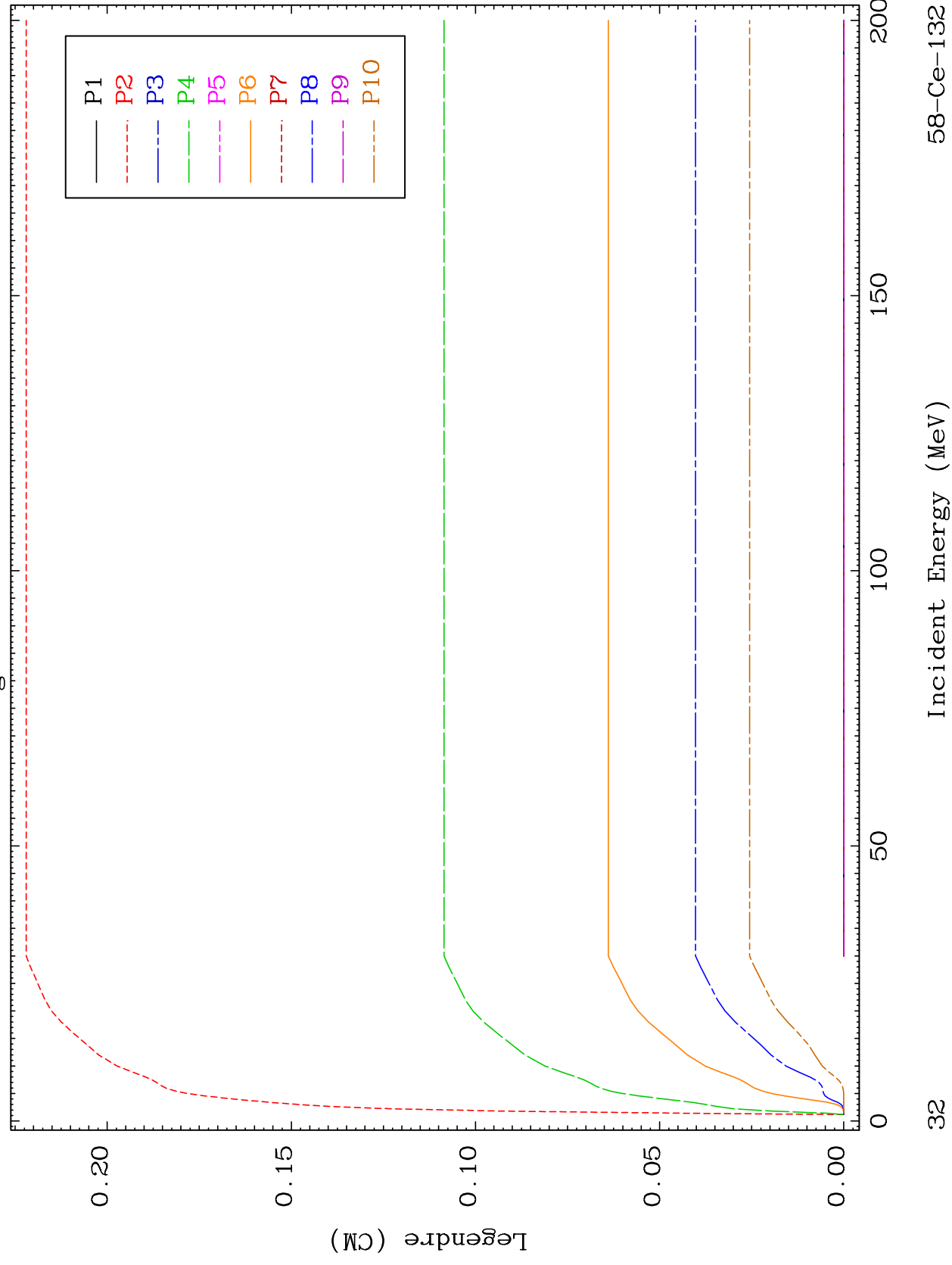


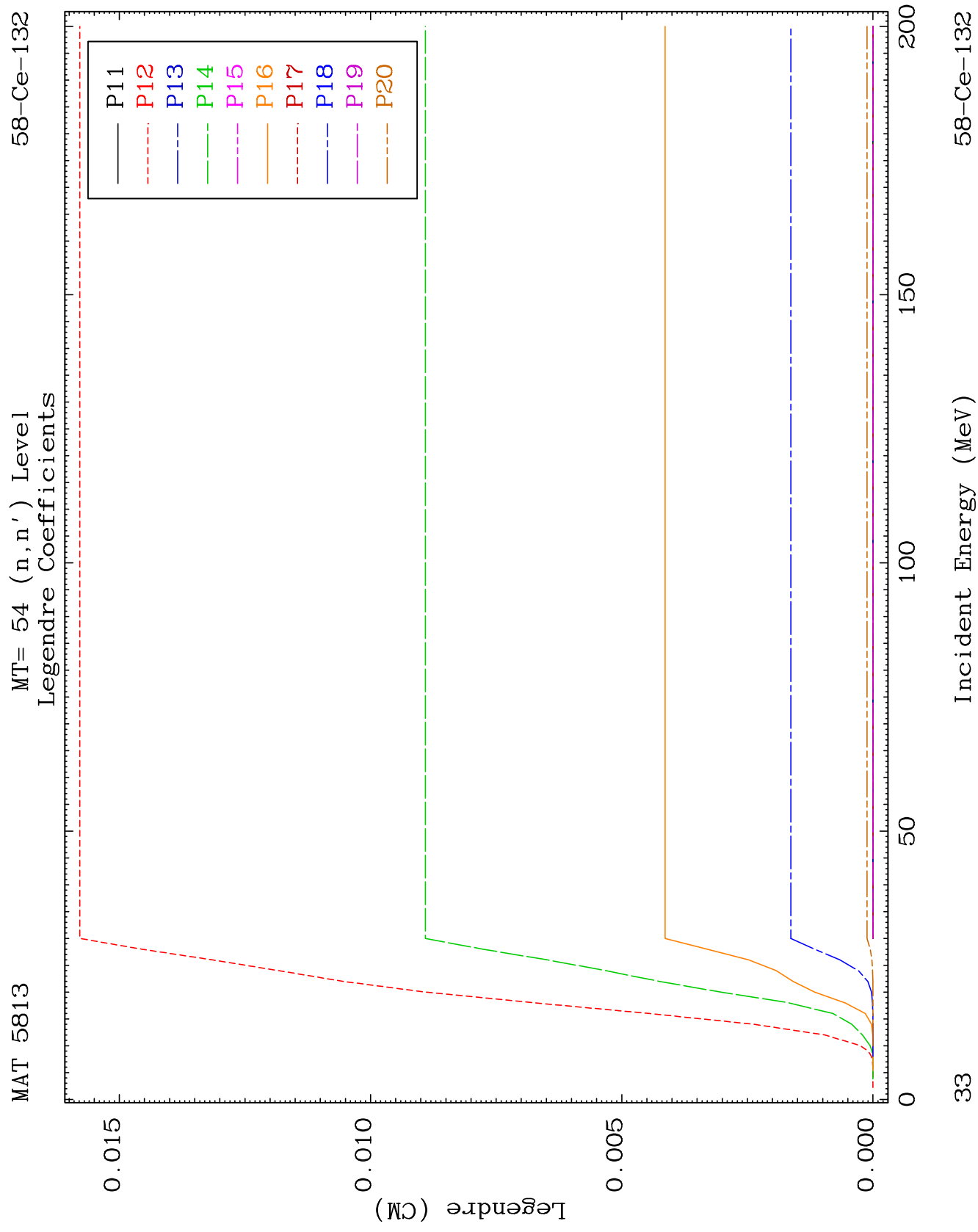


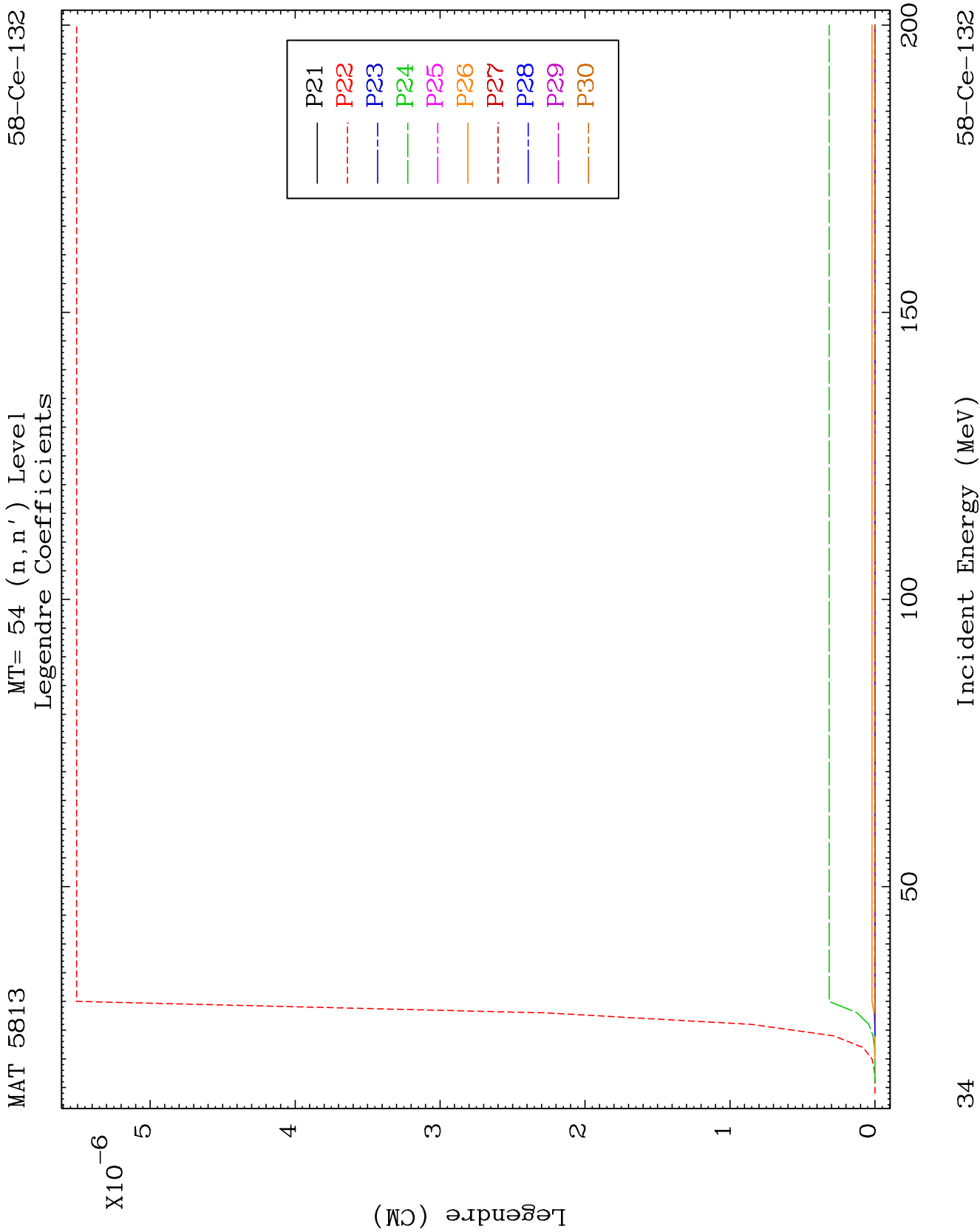
MAT 5813

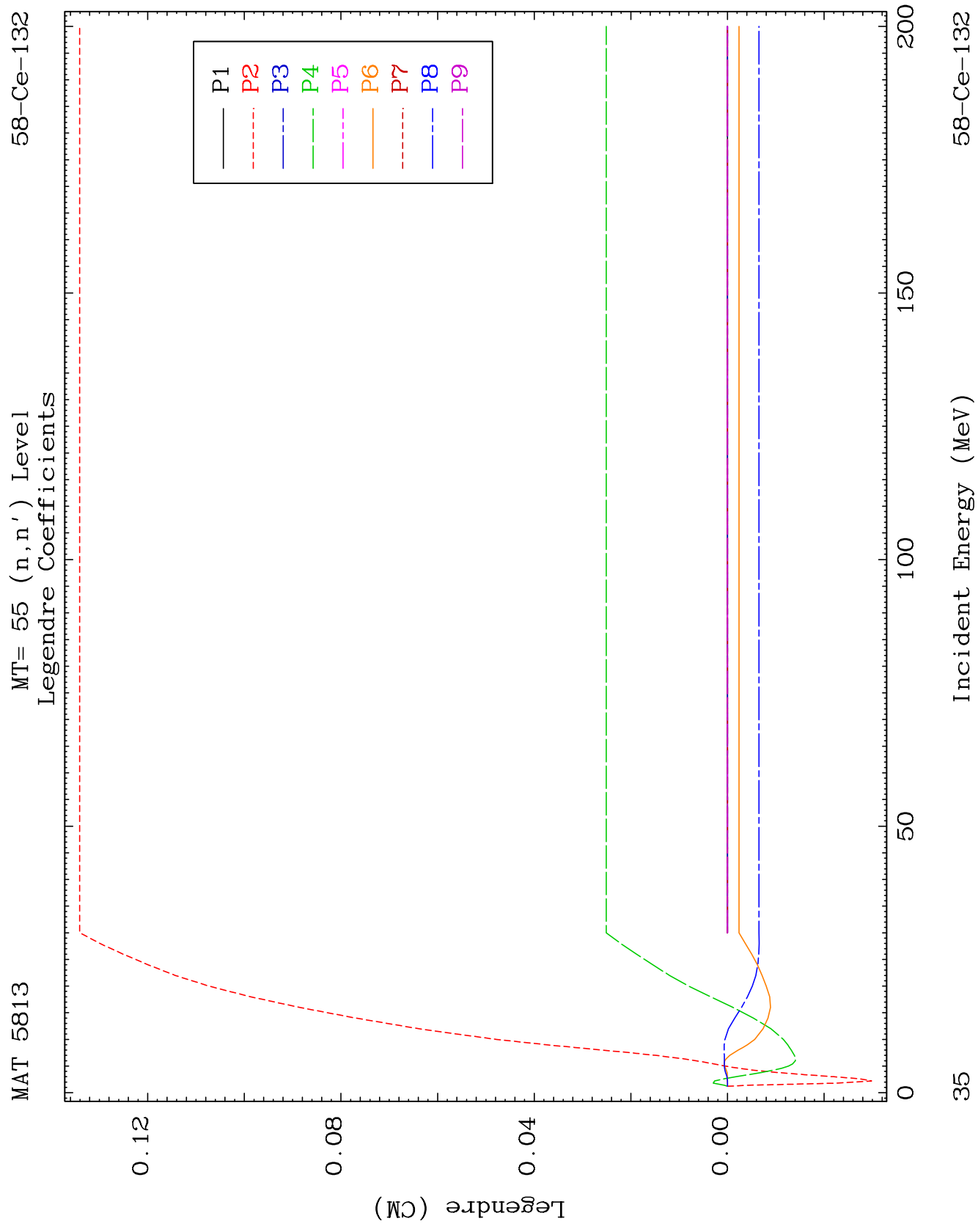
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Legendre Coefficients

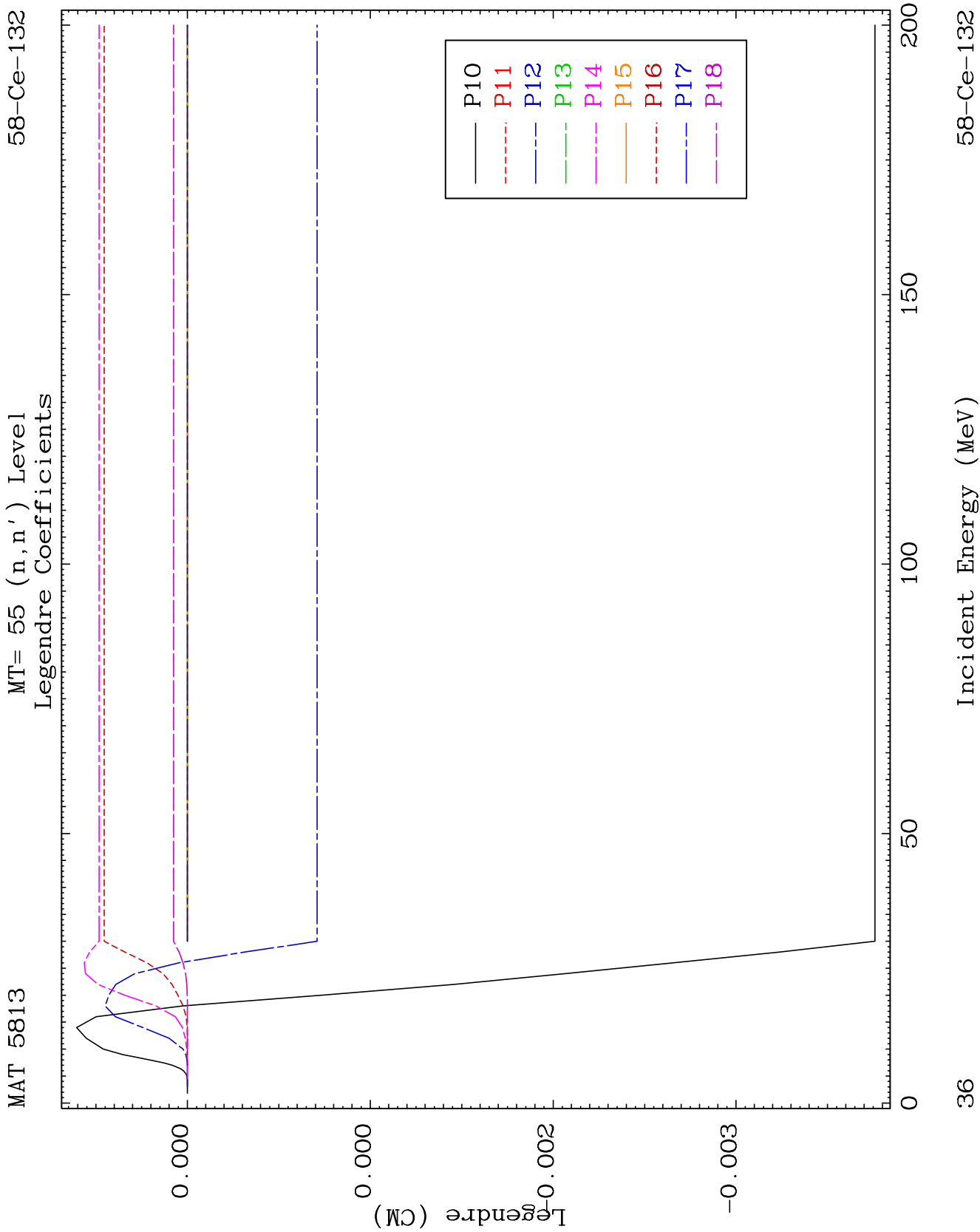
58-Ce-132







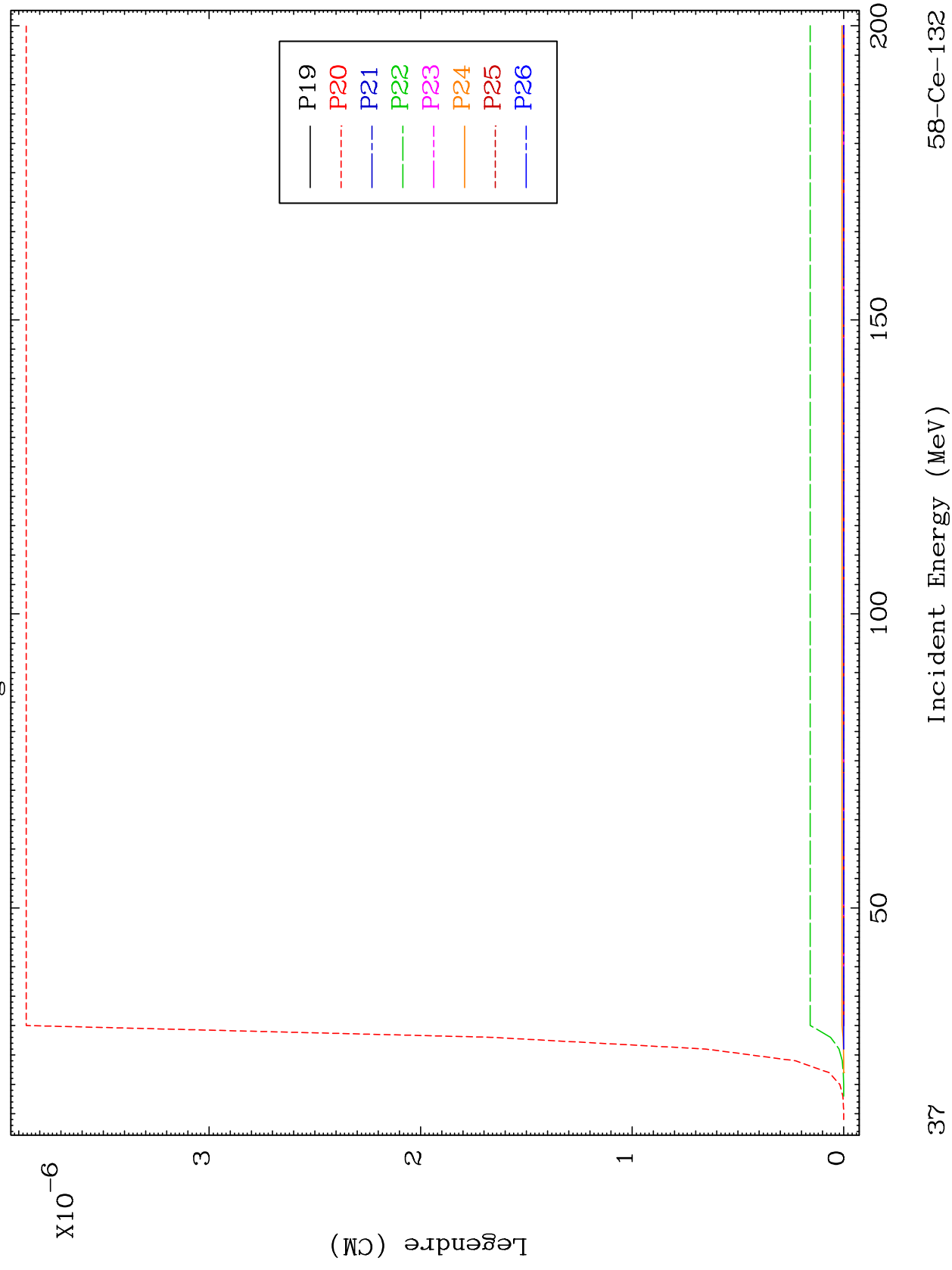




MAT 5813

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

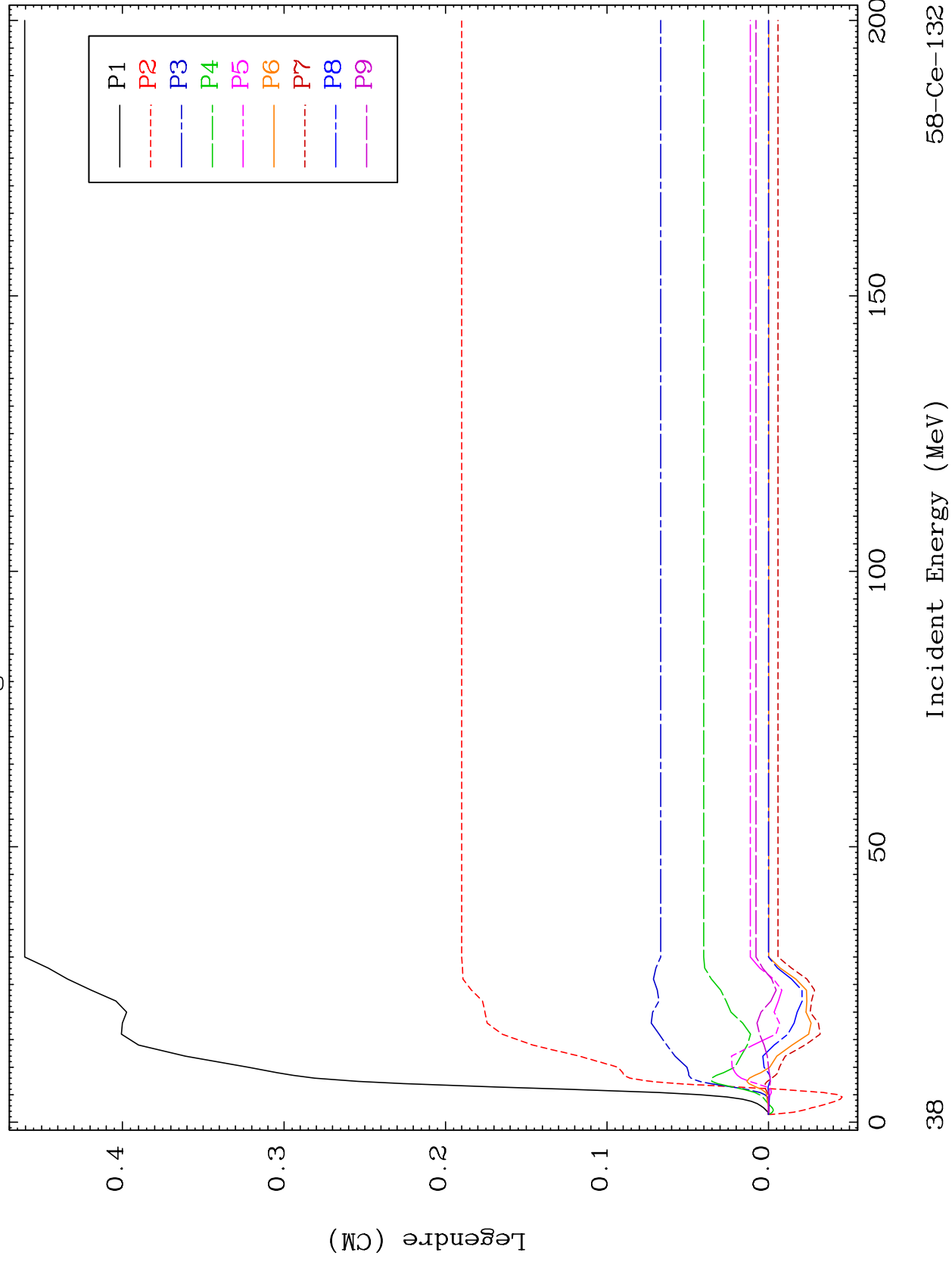
58-Ce-132

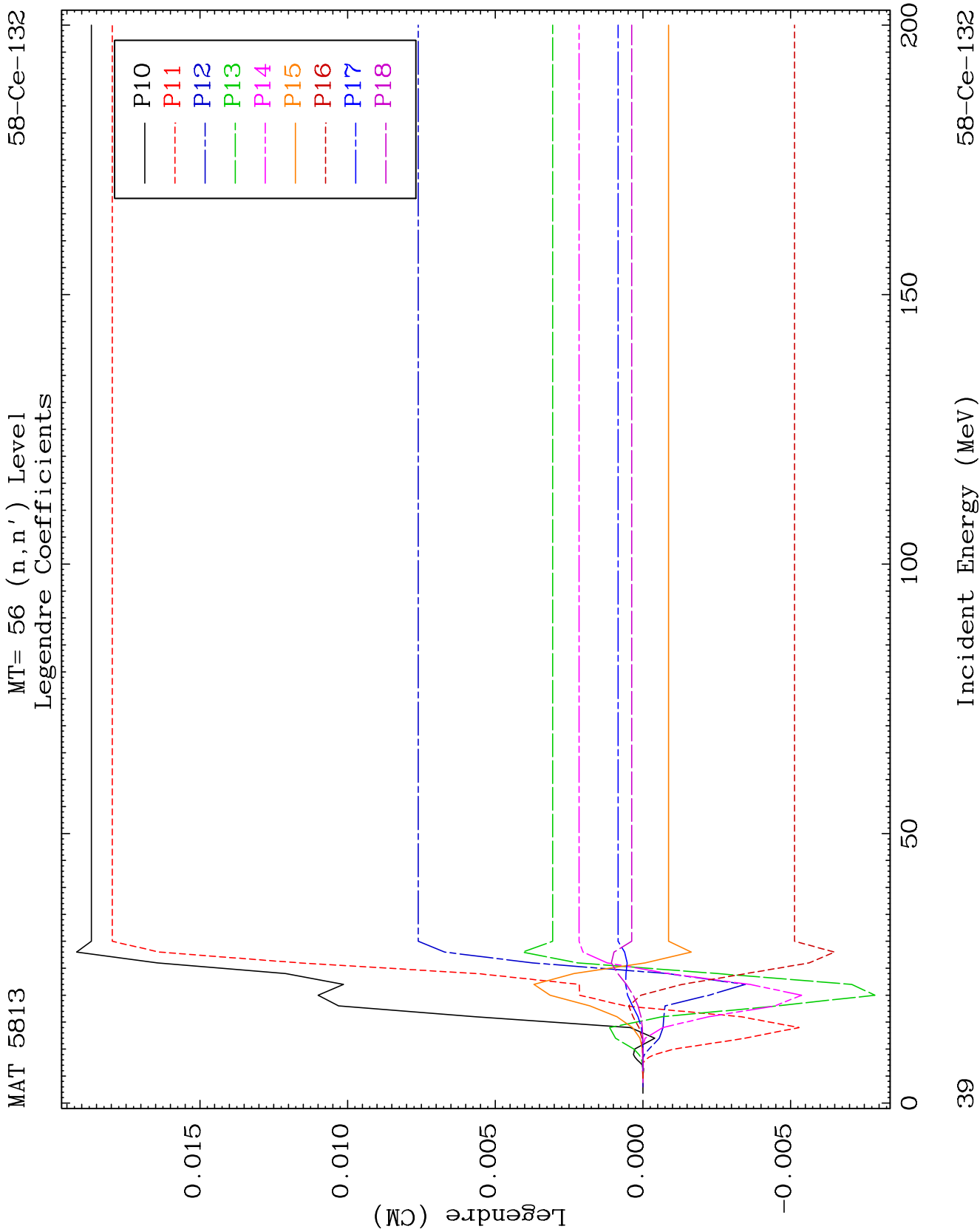


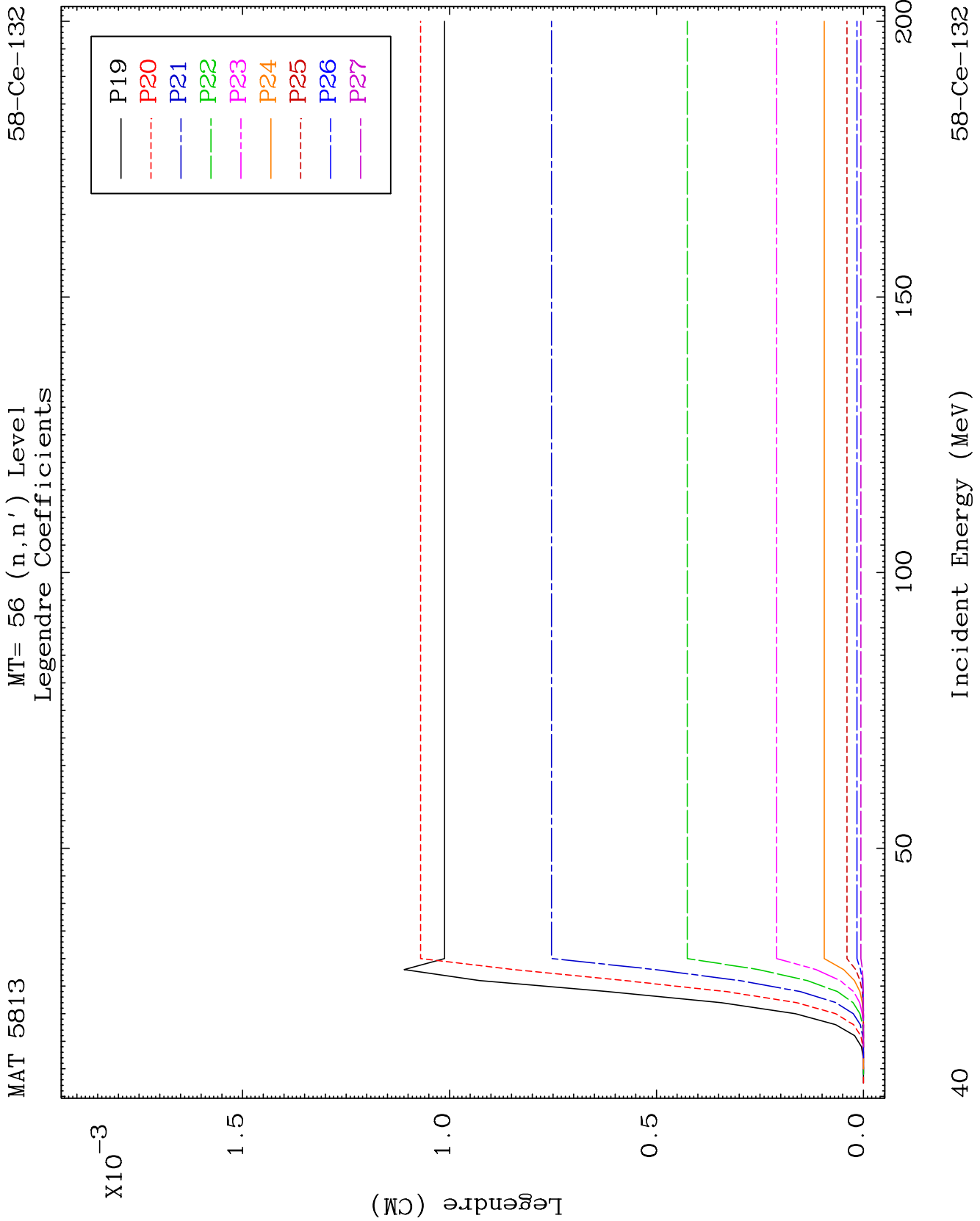
MAT 5813

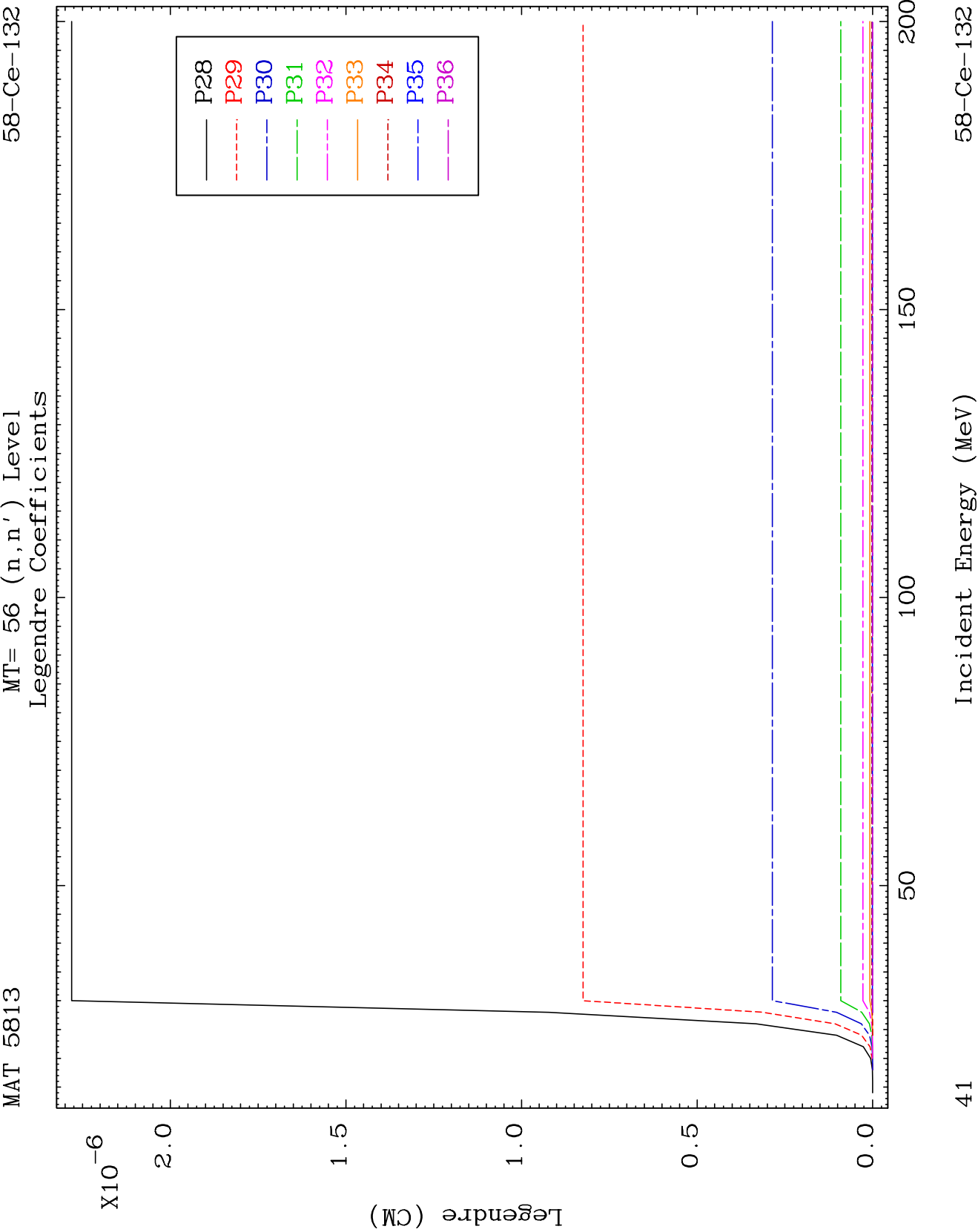
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Legendre Coefficients

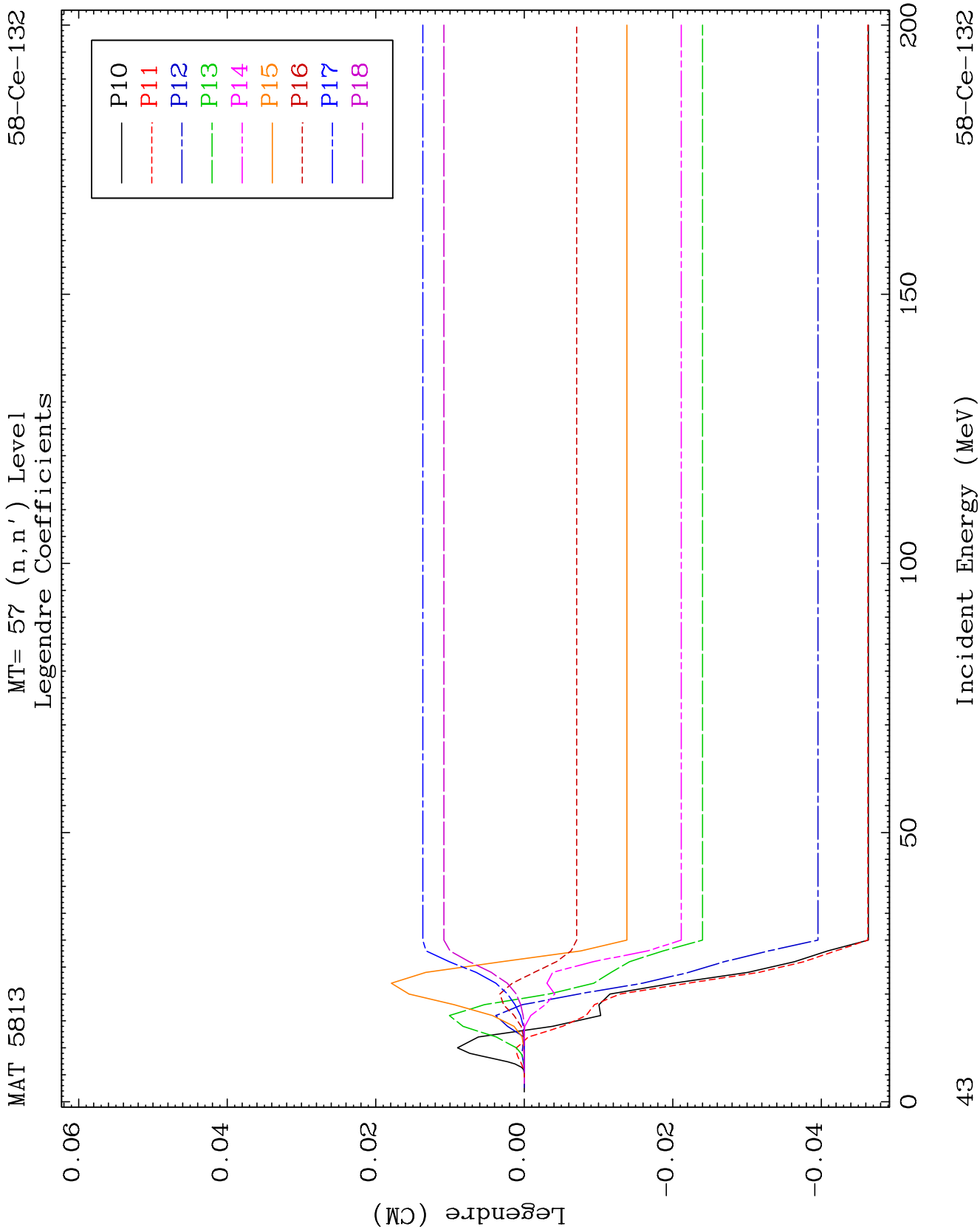
58-Ce-132







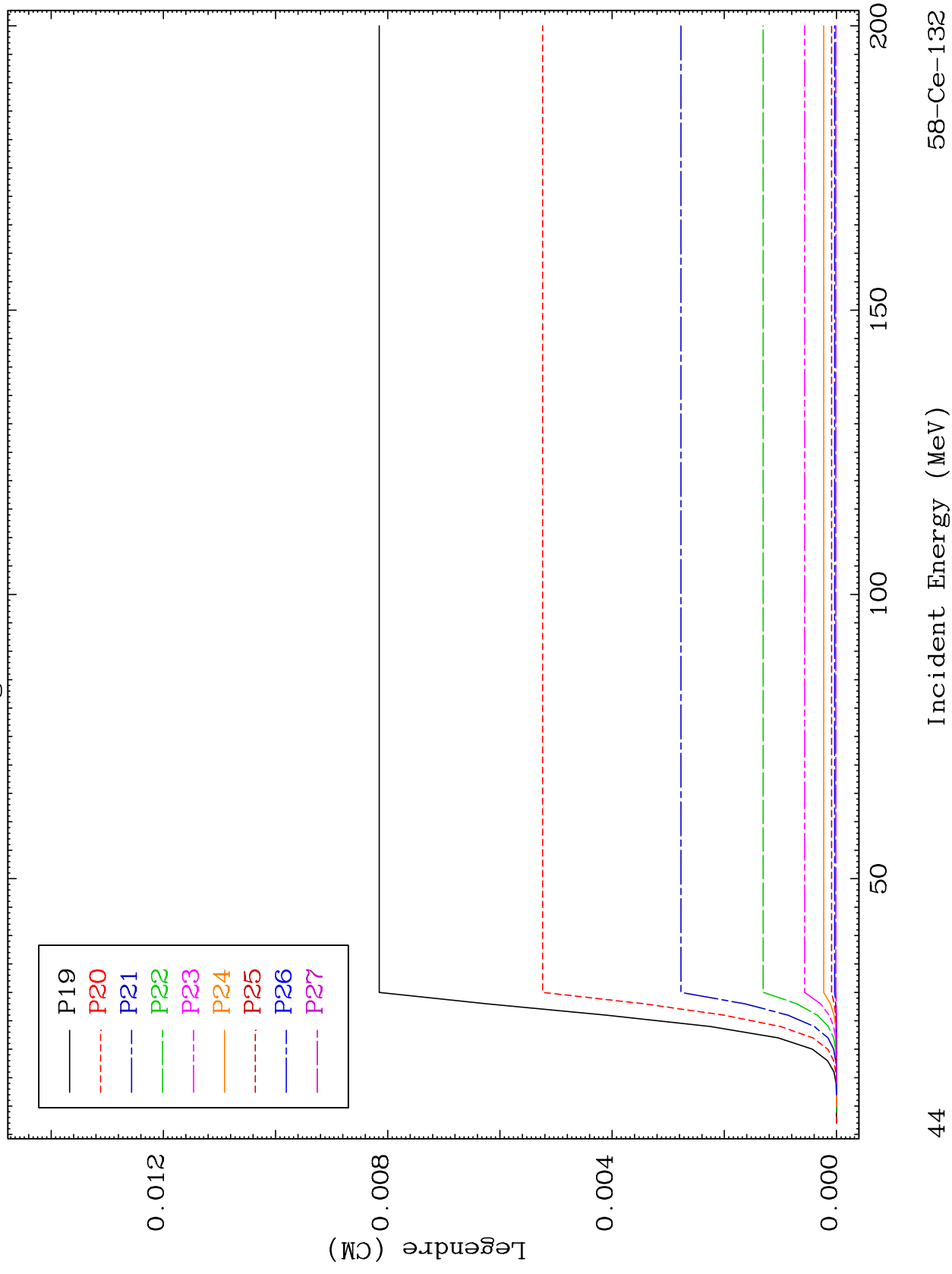


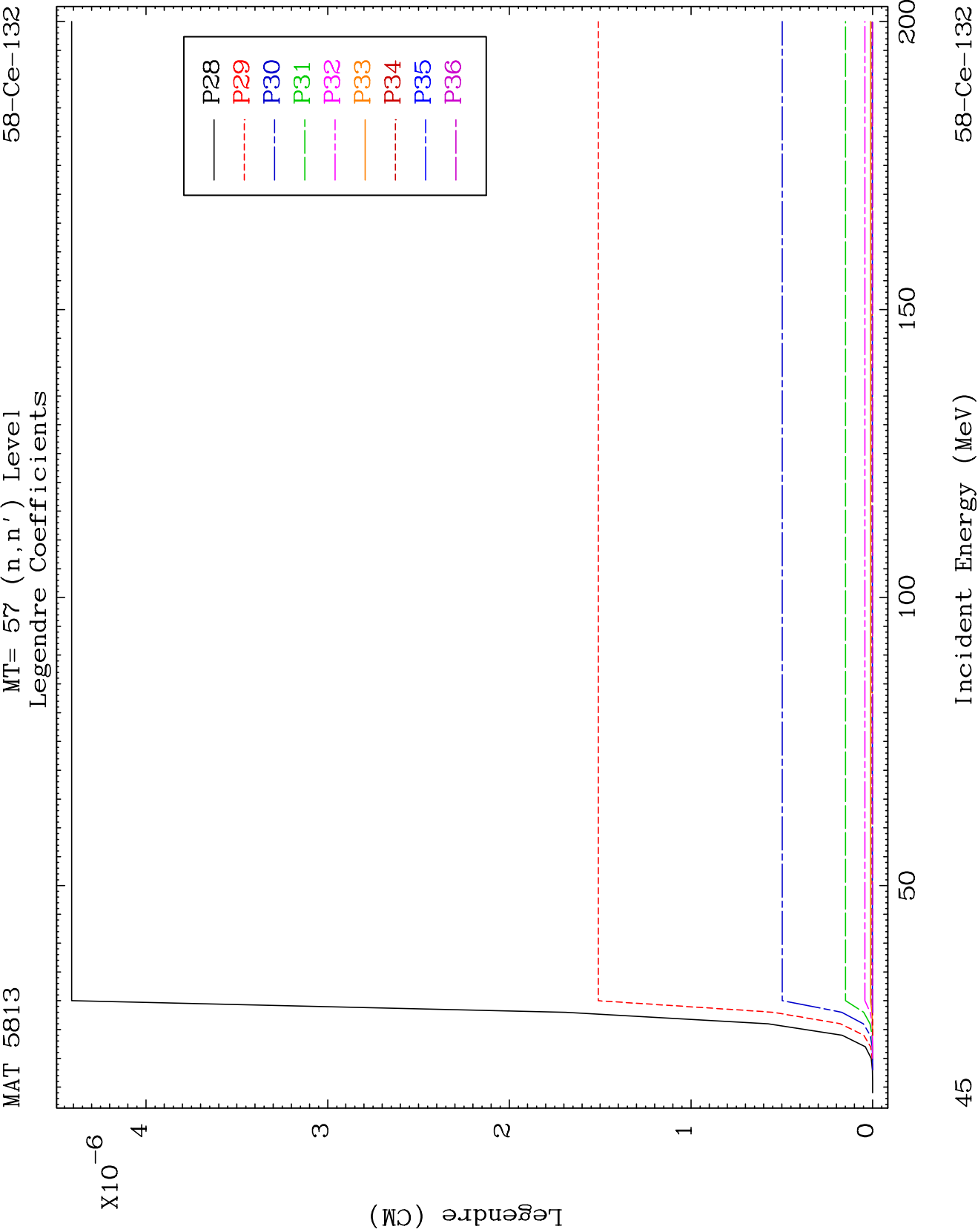


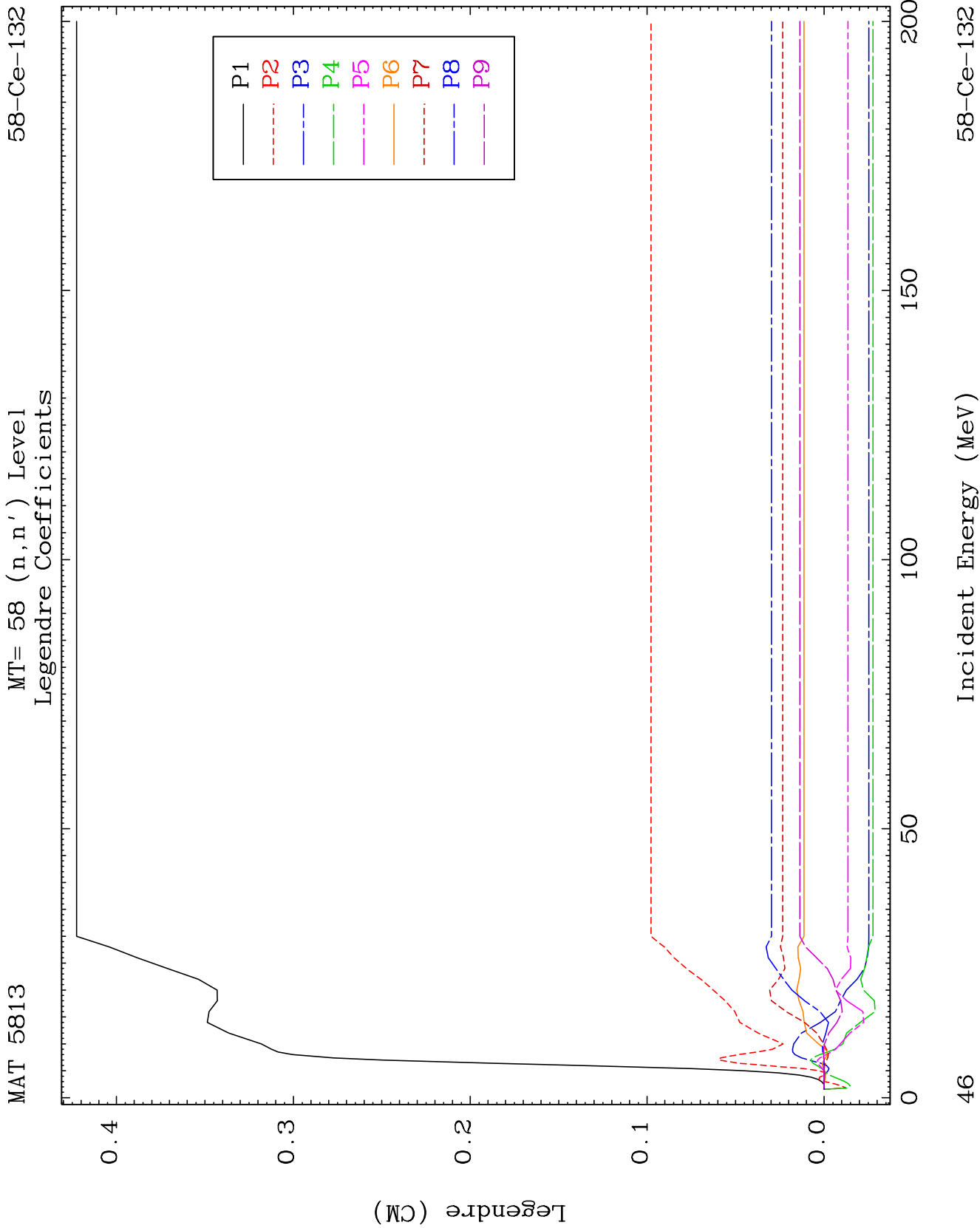
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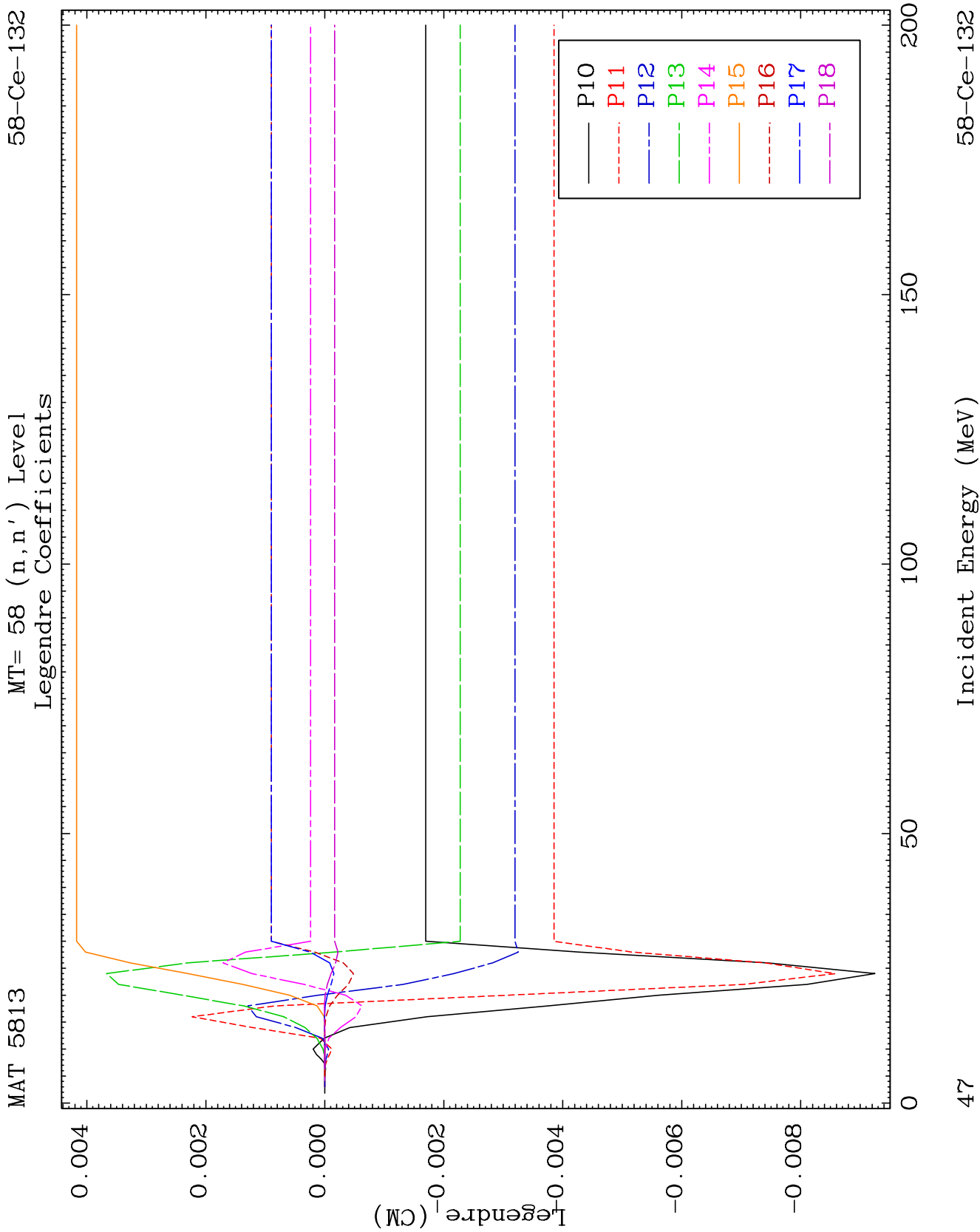
MT= 57 (n, n') Level
Legendre Coefficients

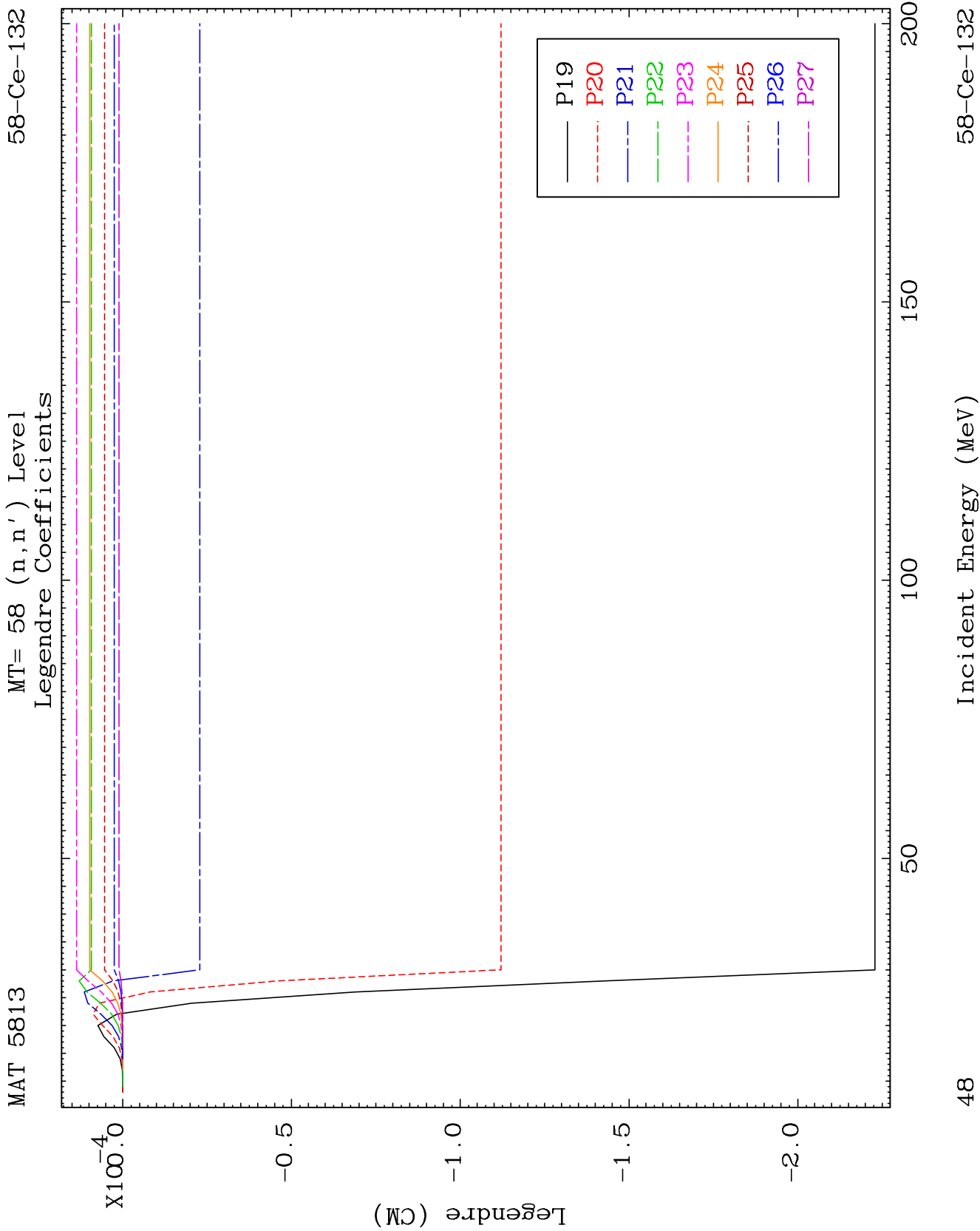
58-Ce-132

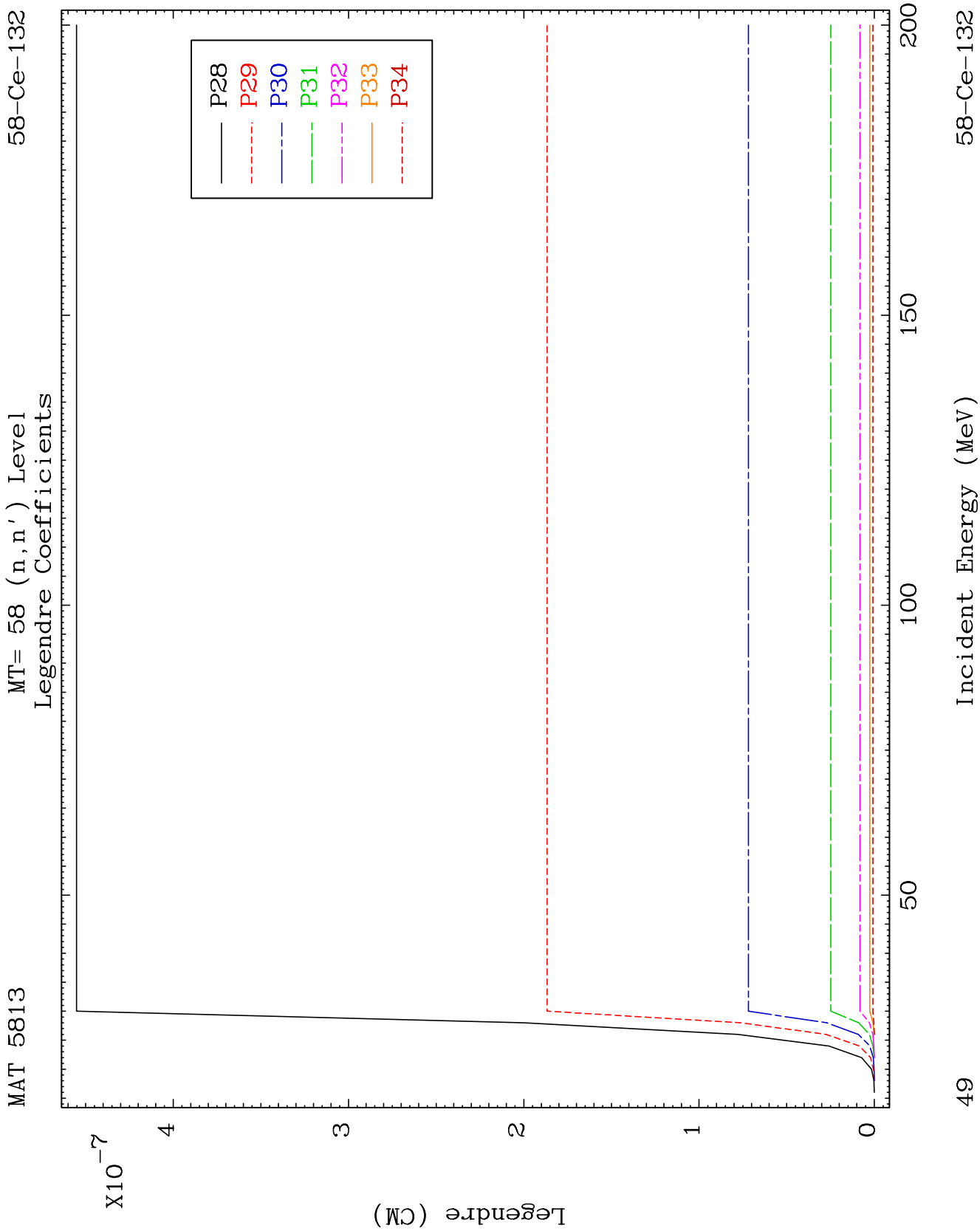


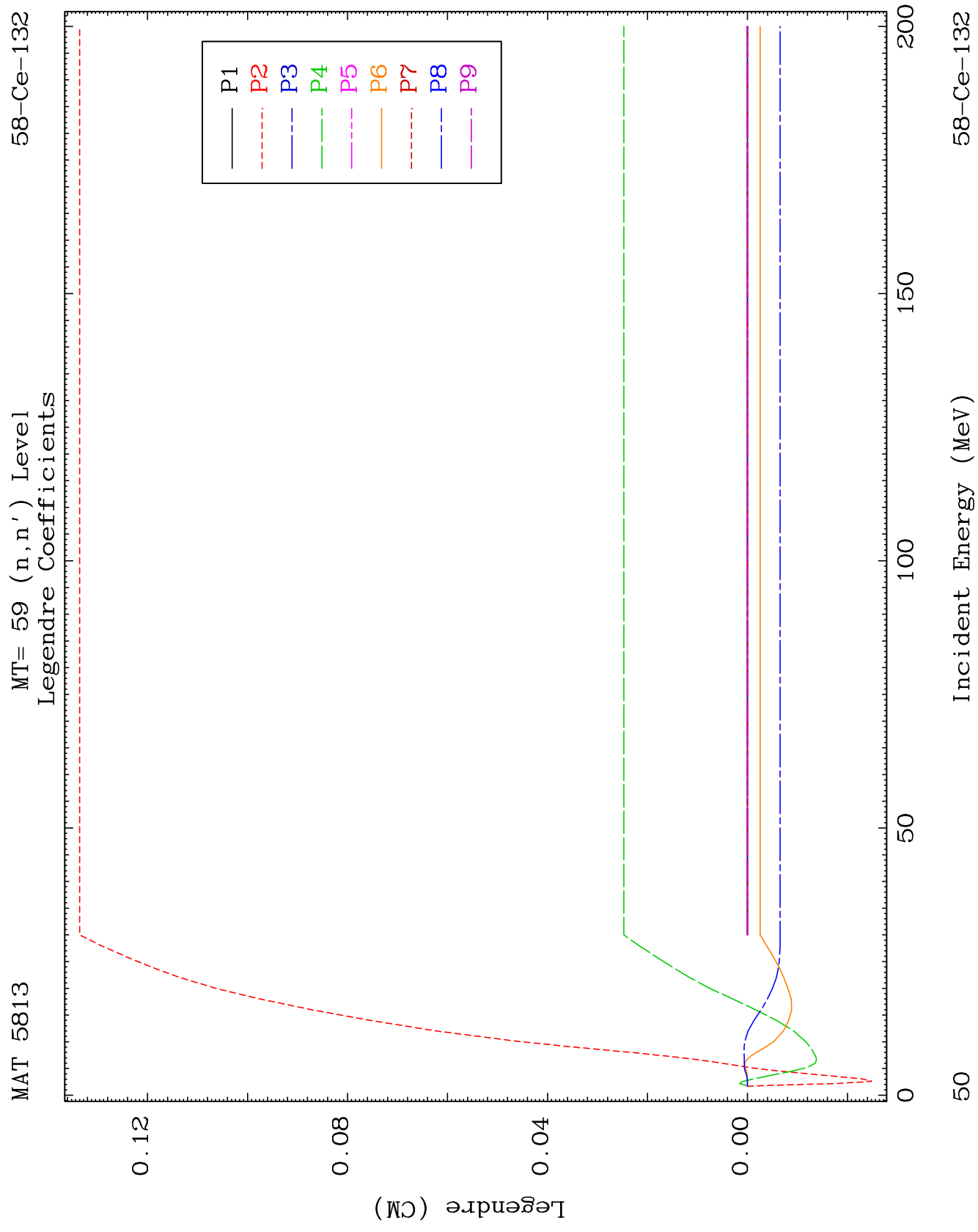


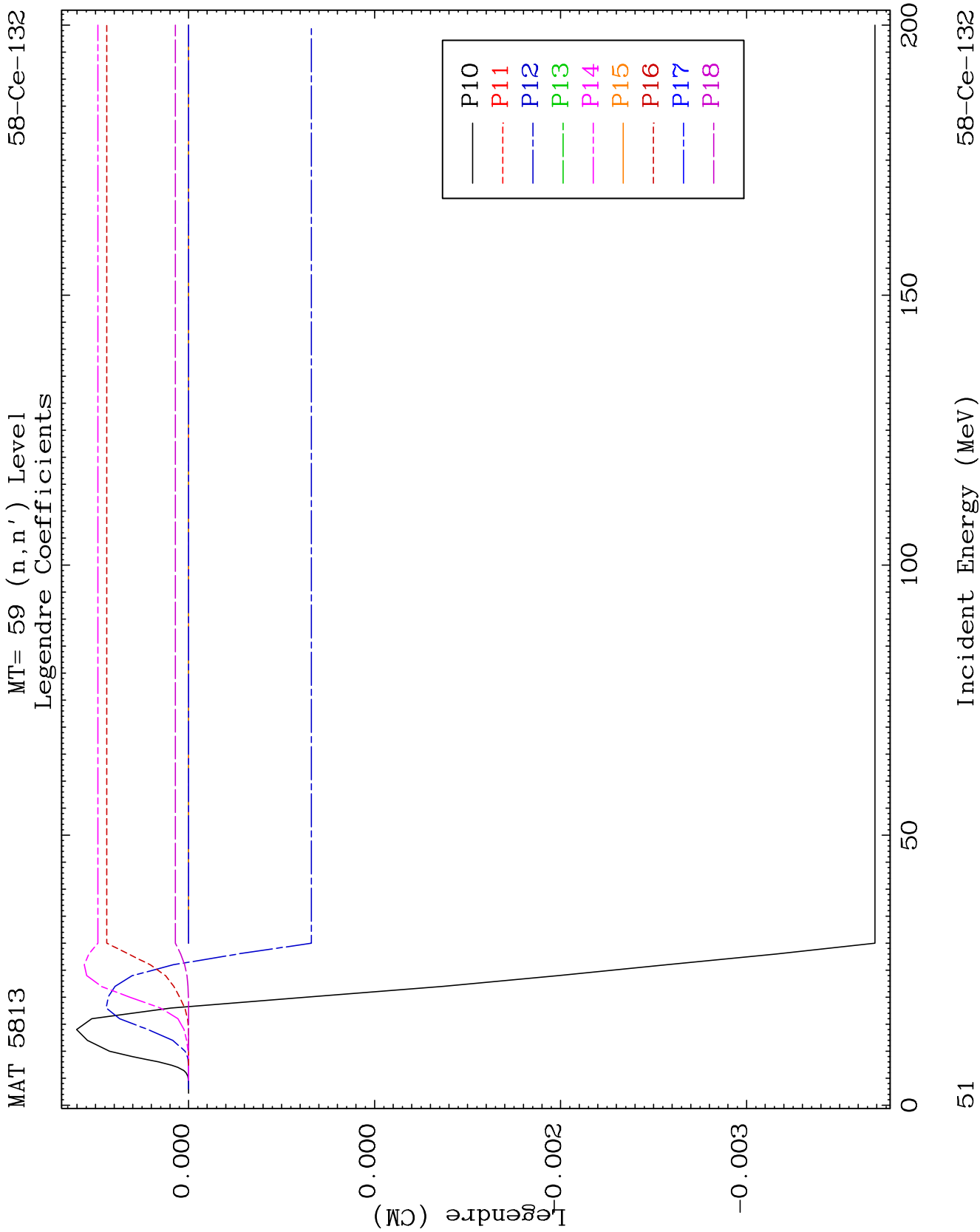


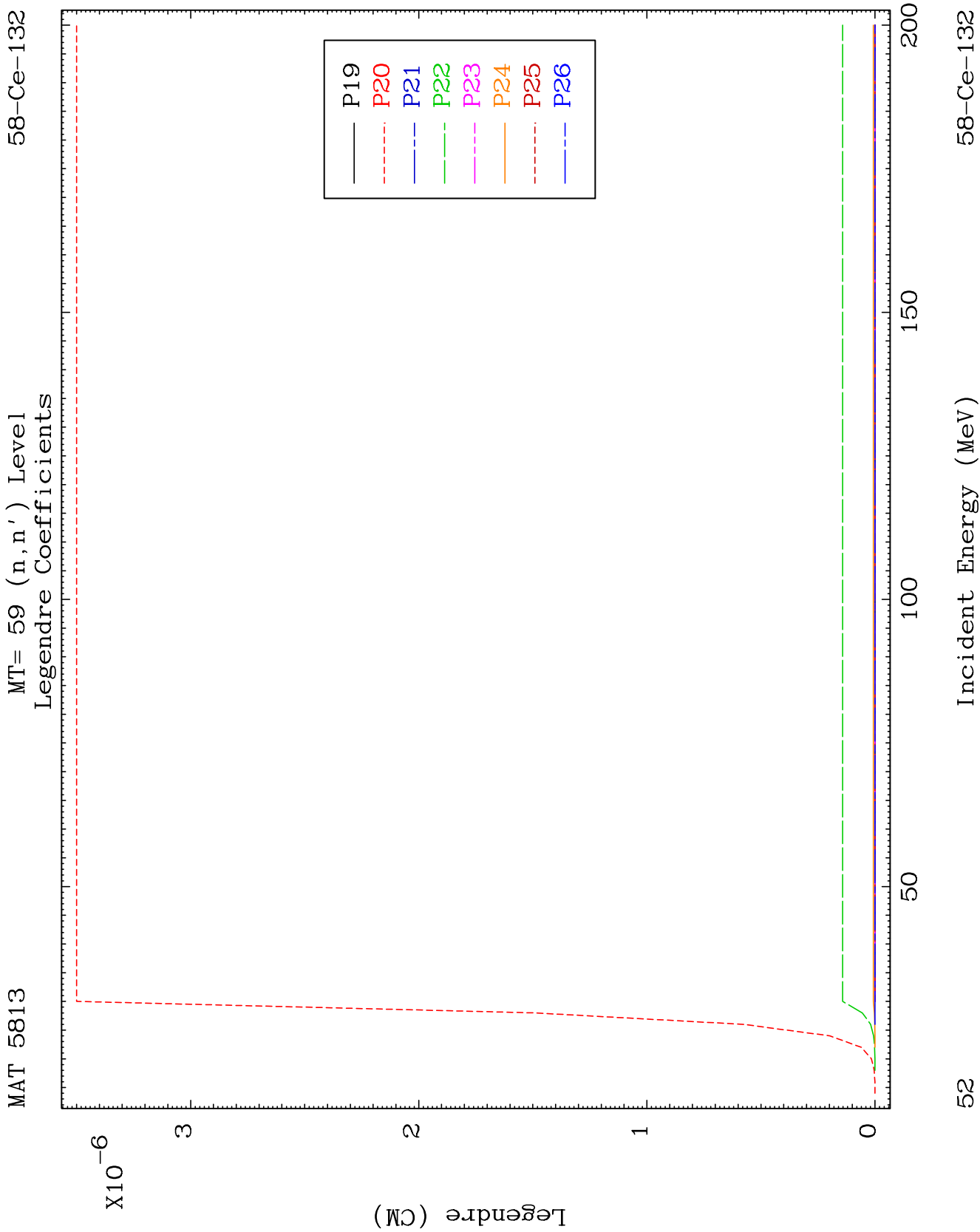


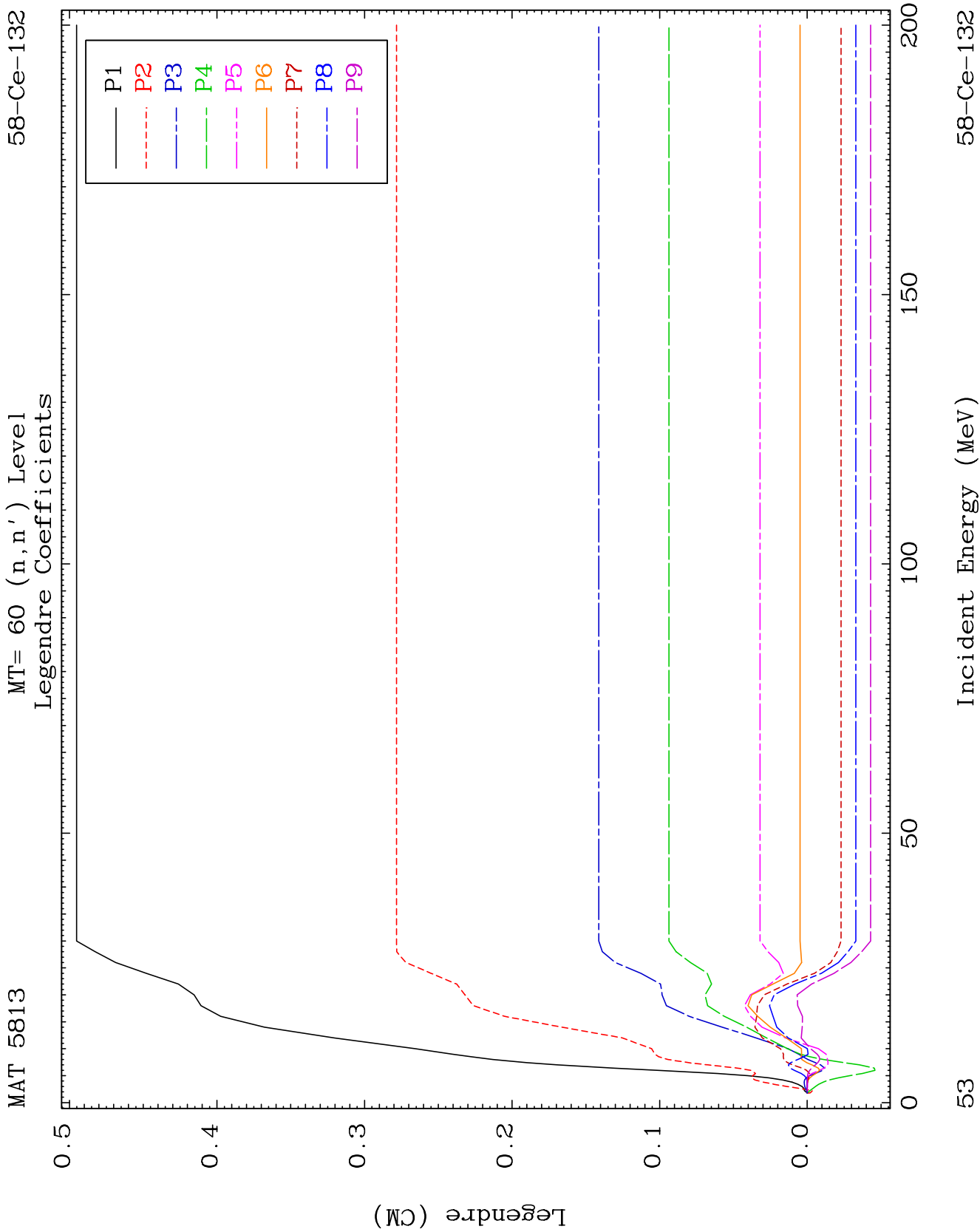


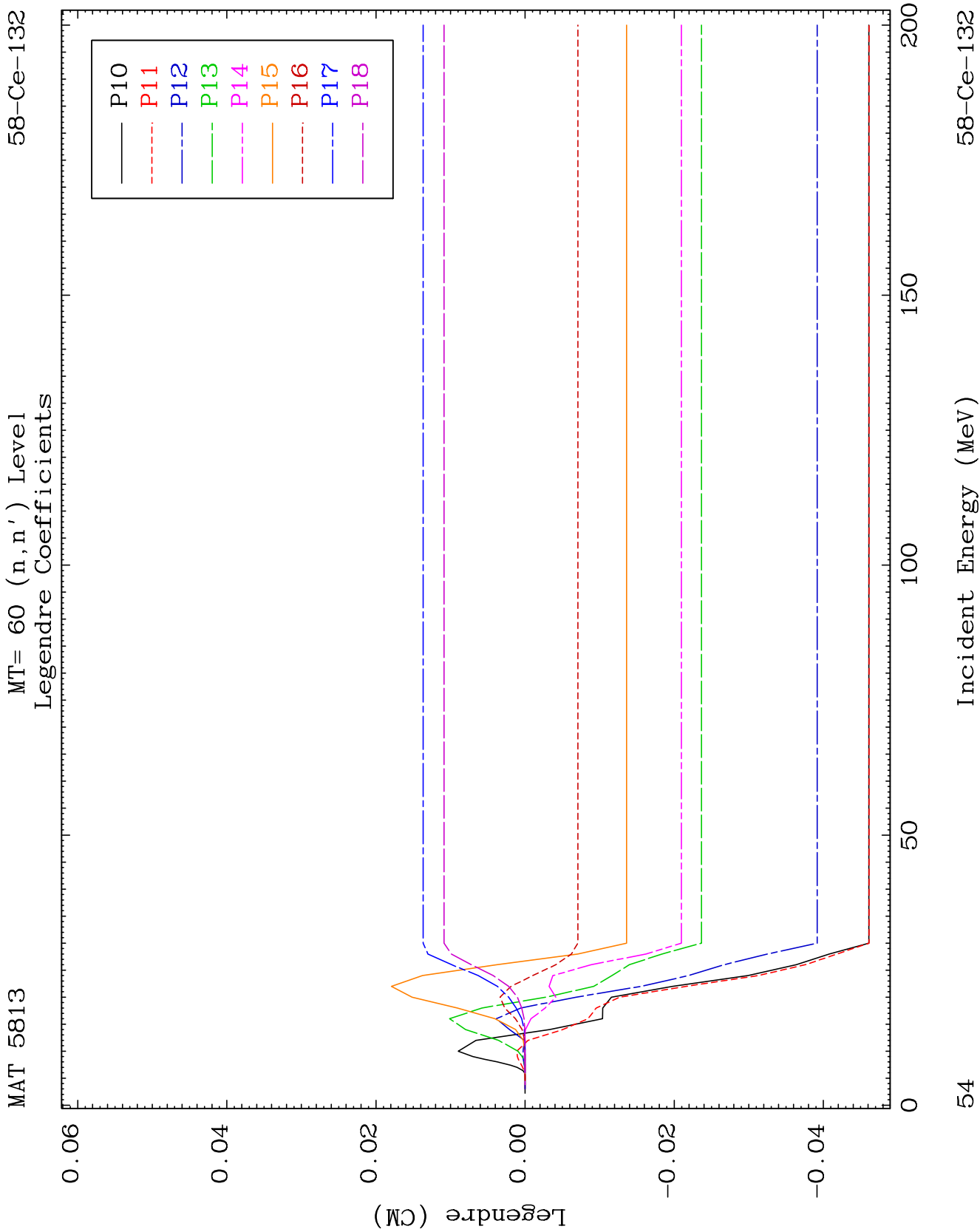


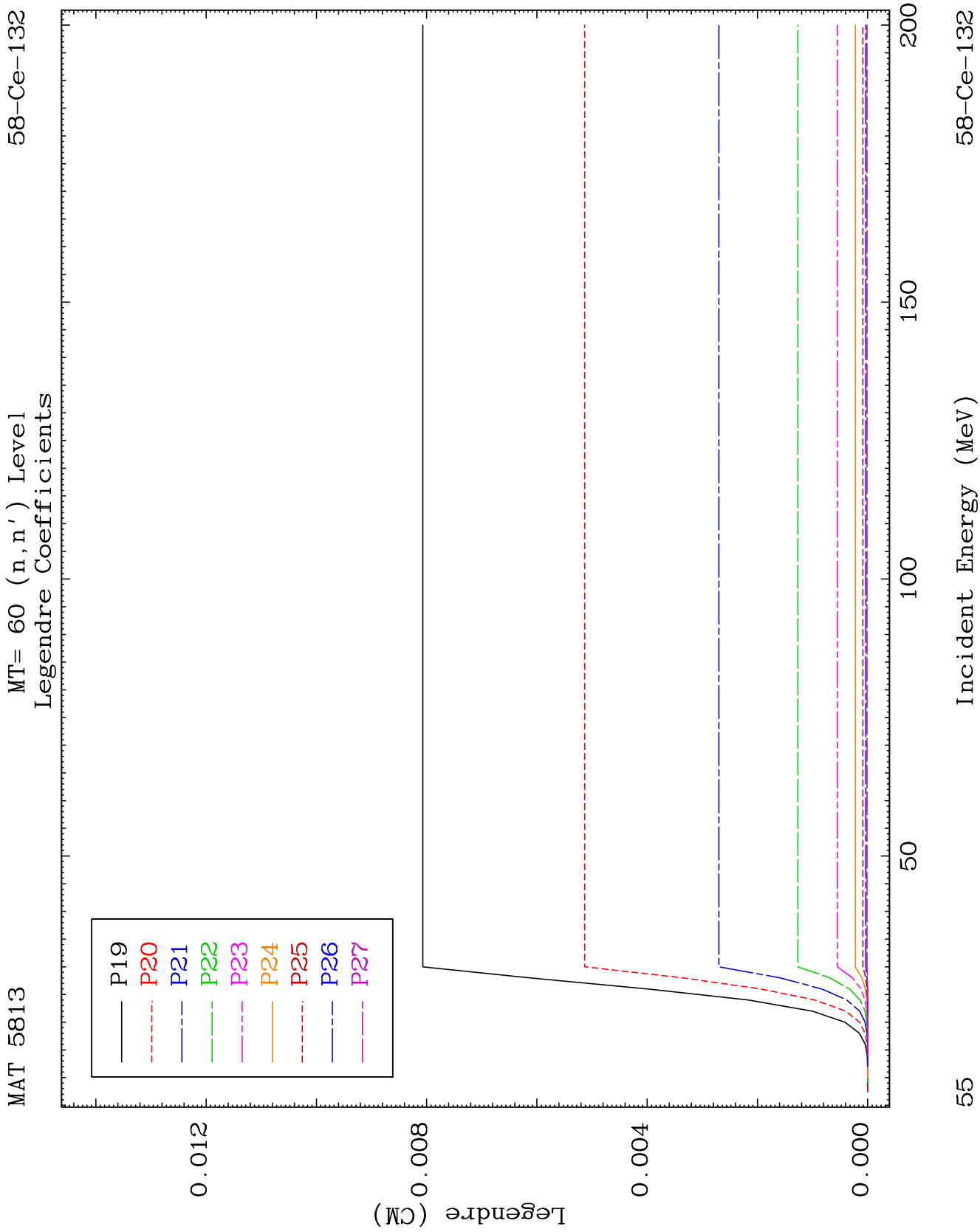


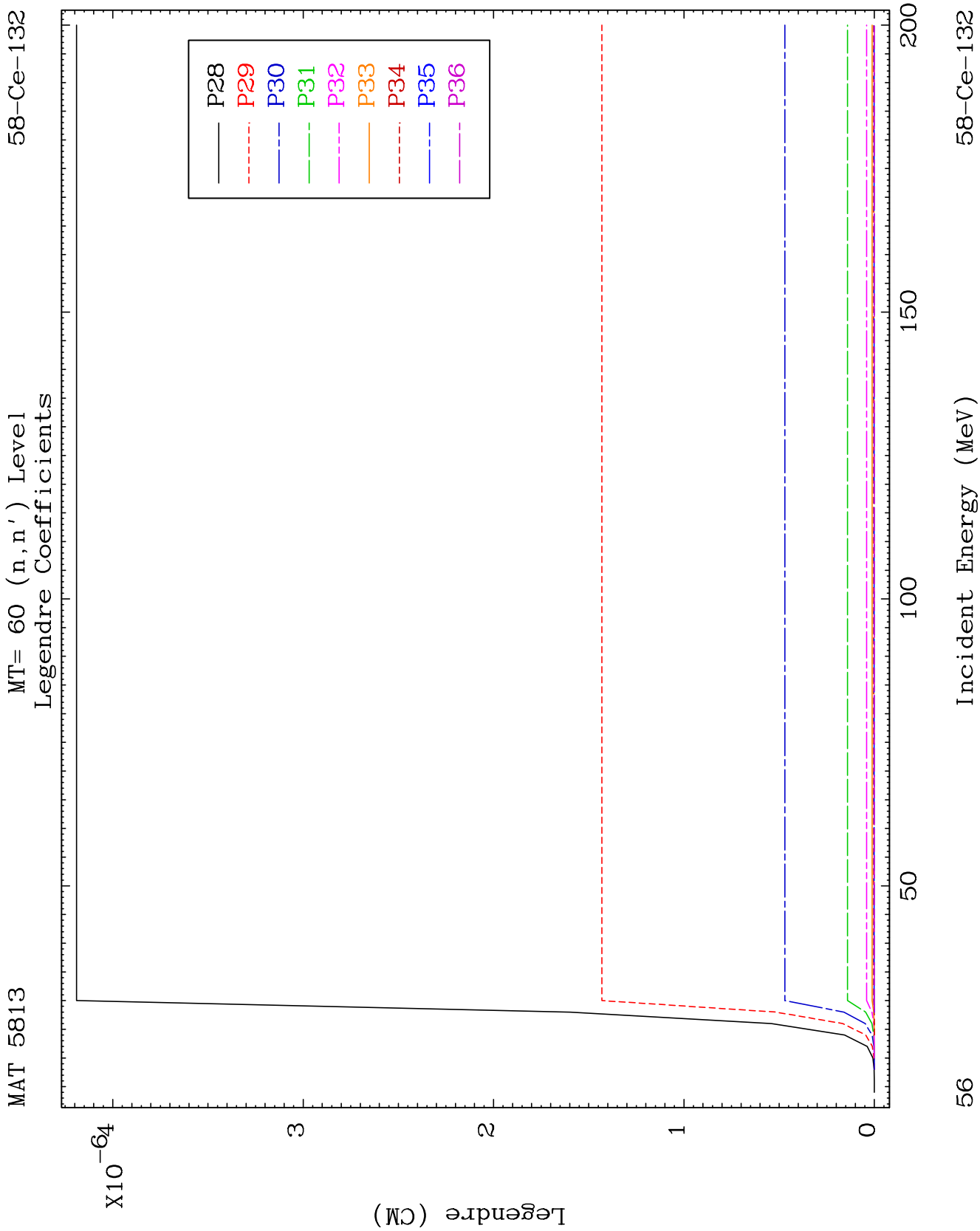


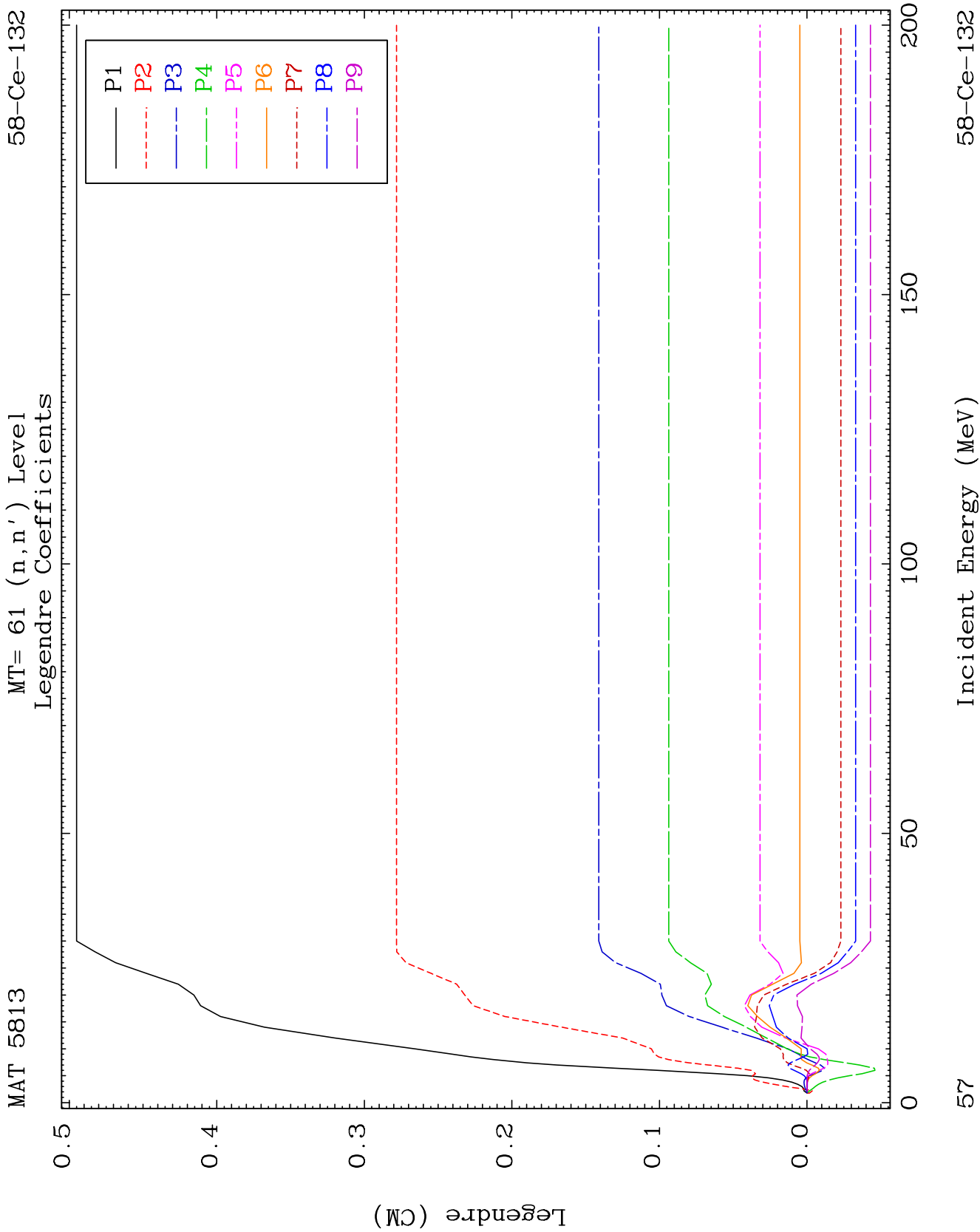


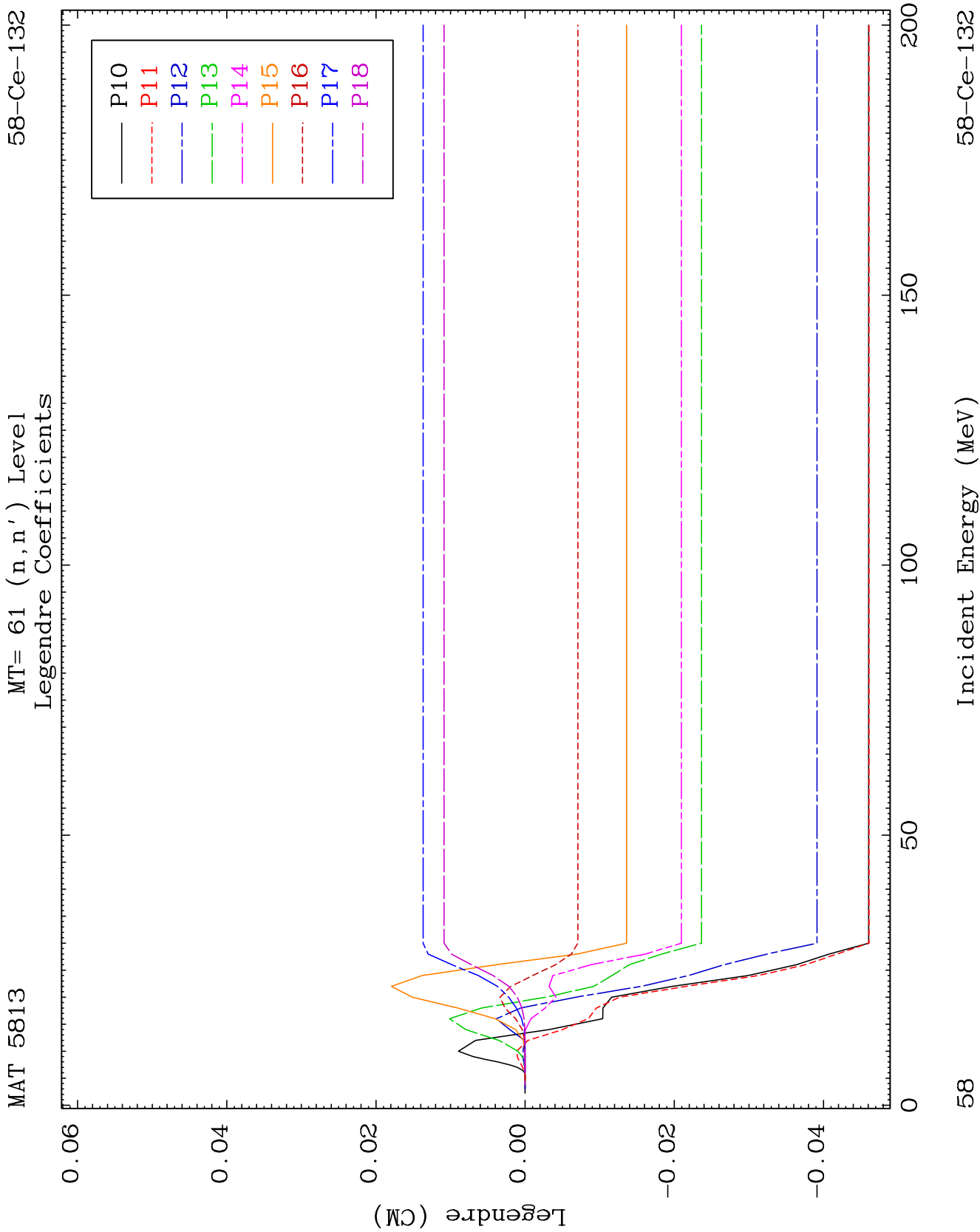








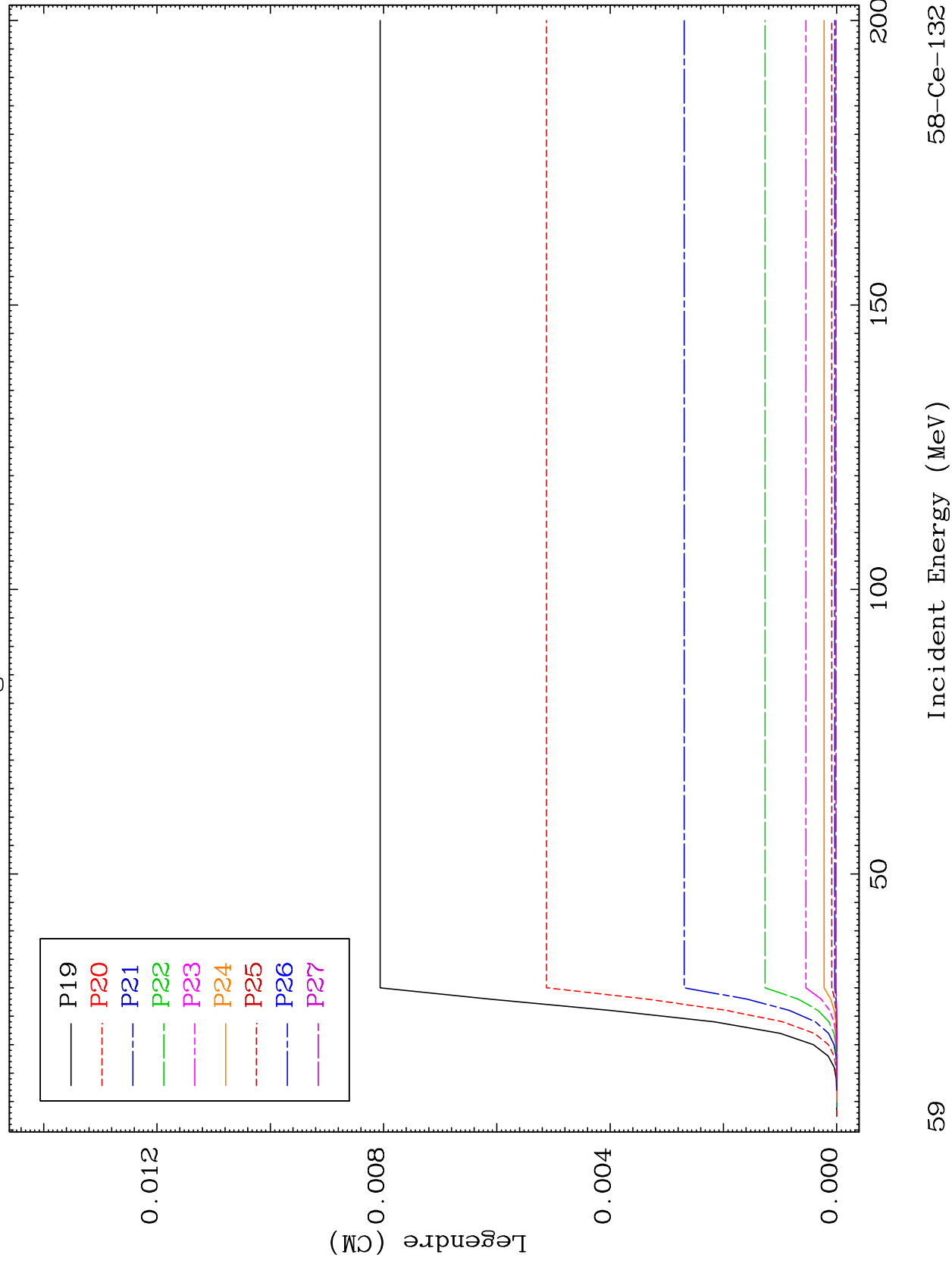


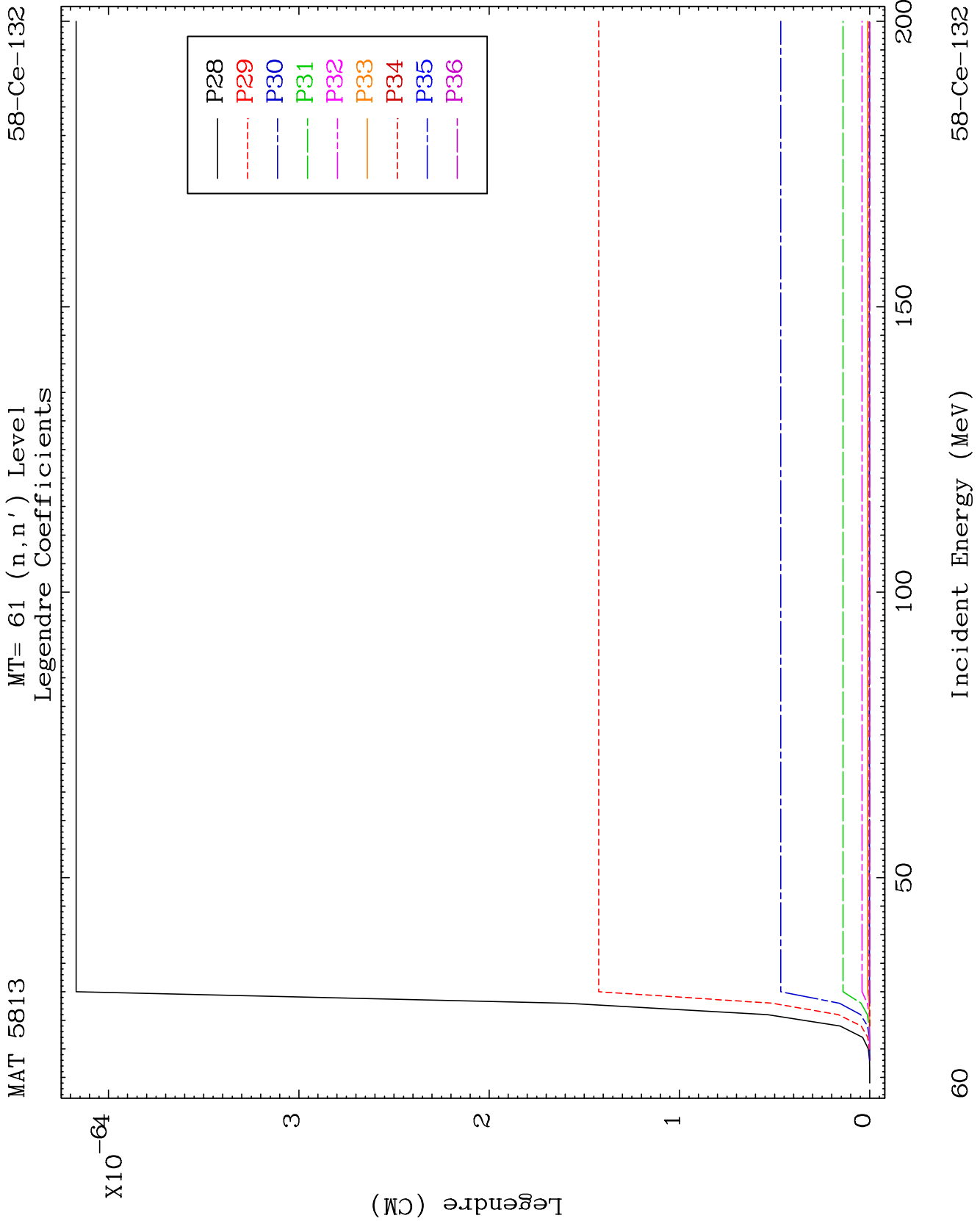


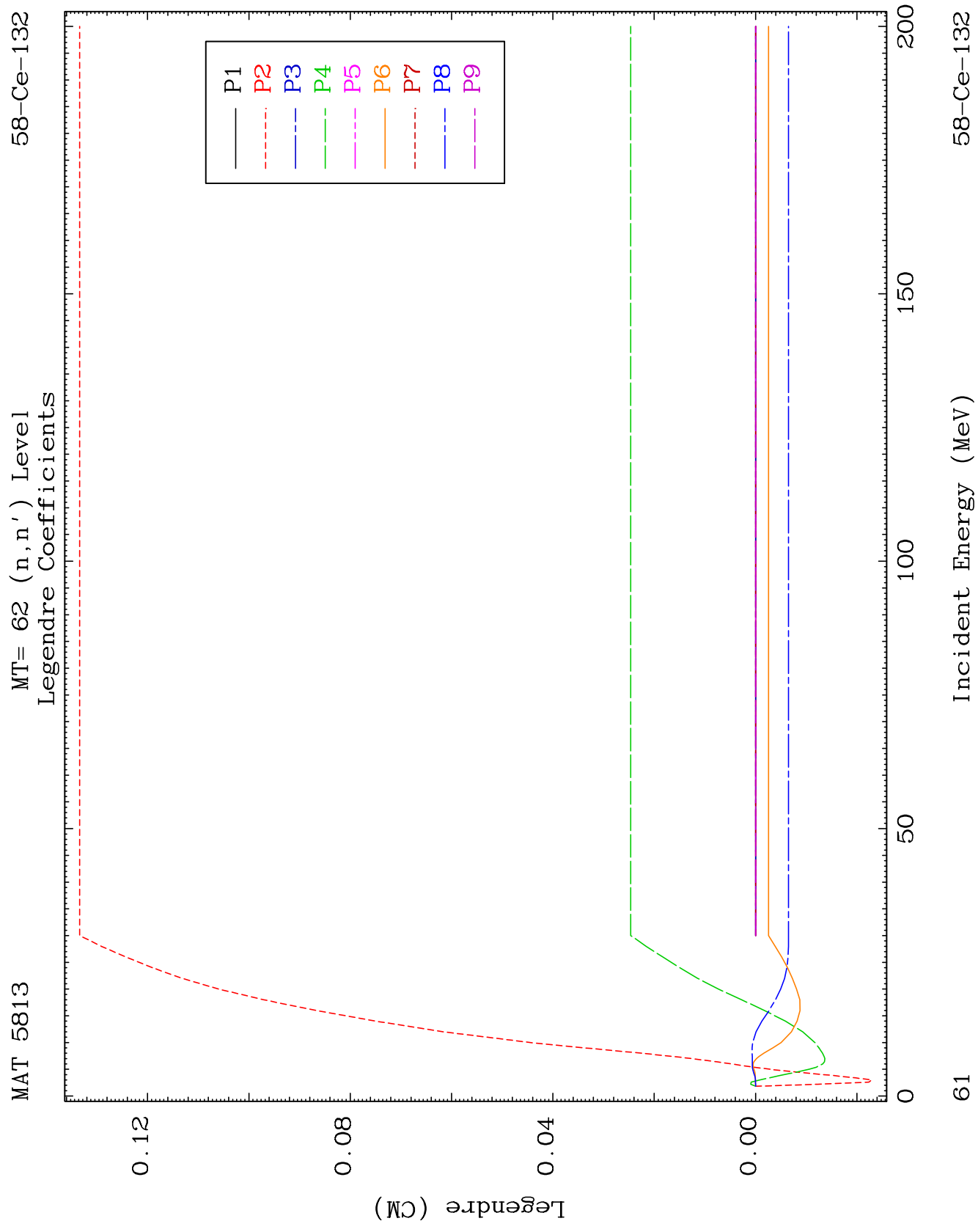
MAT 5813

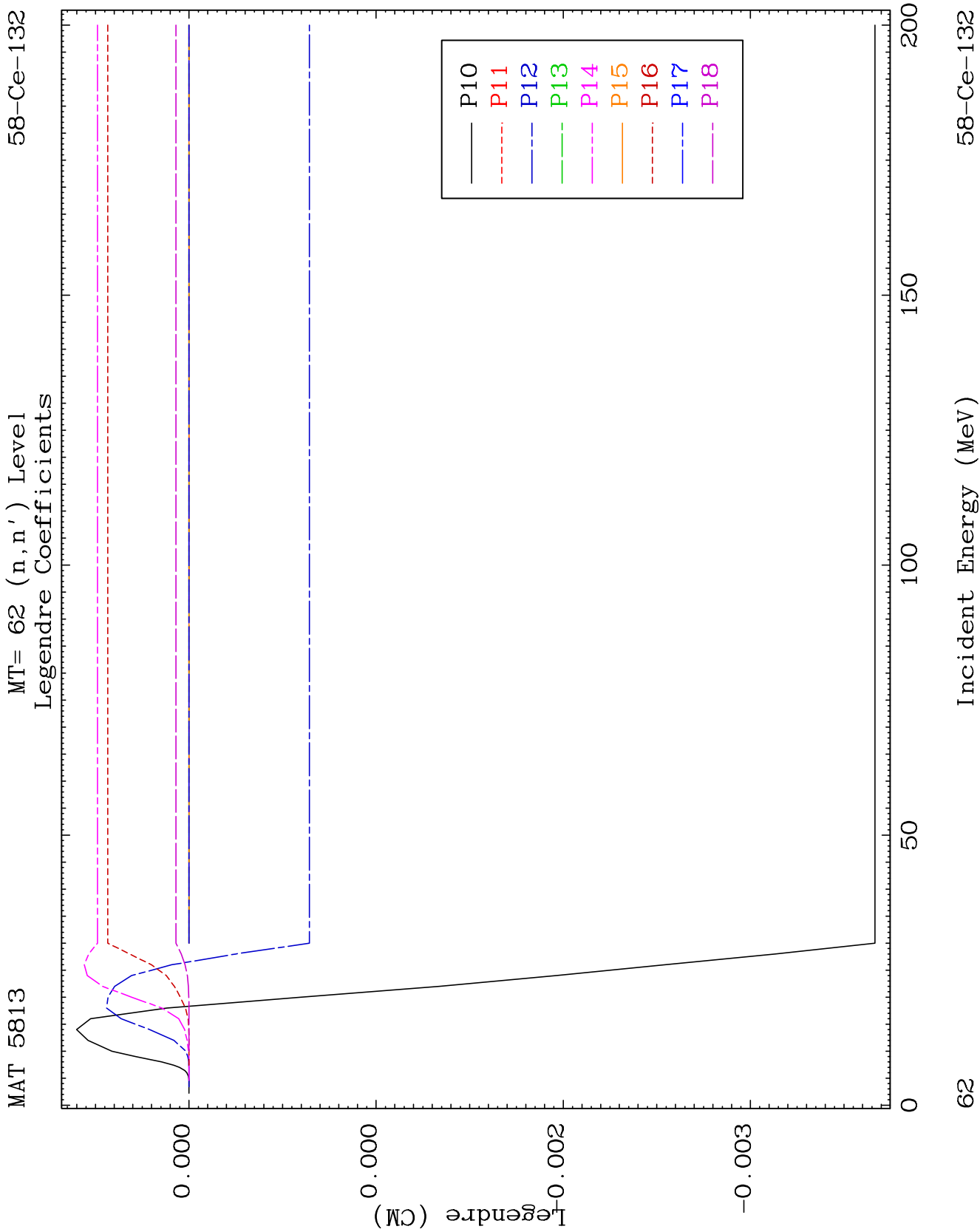
MT= 61 (n, n') Level
Legendre Coefficients

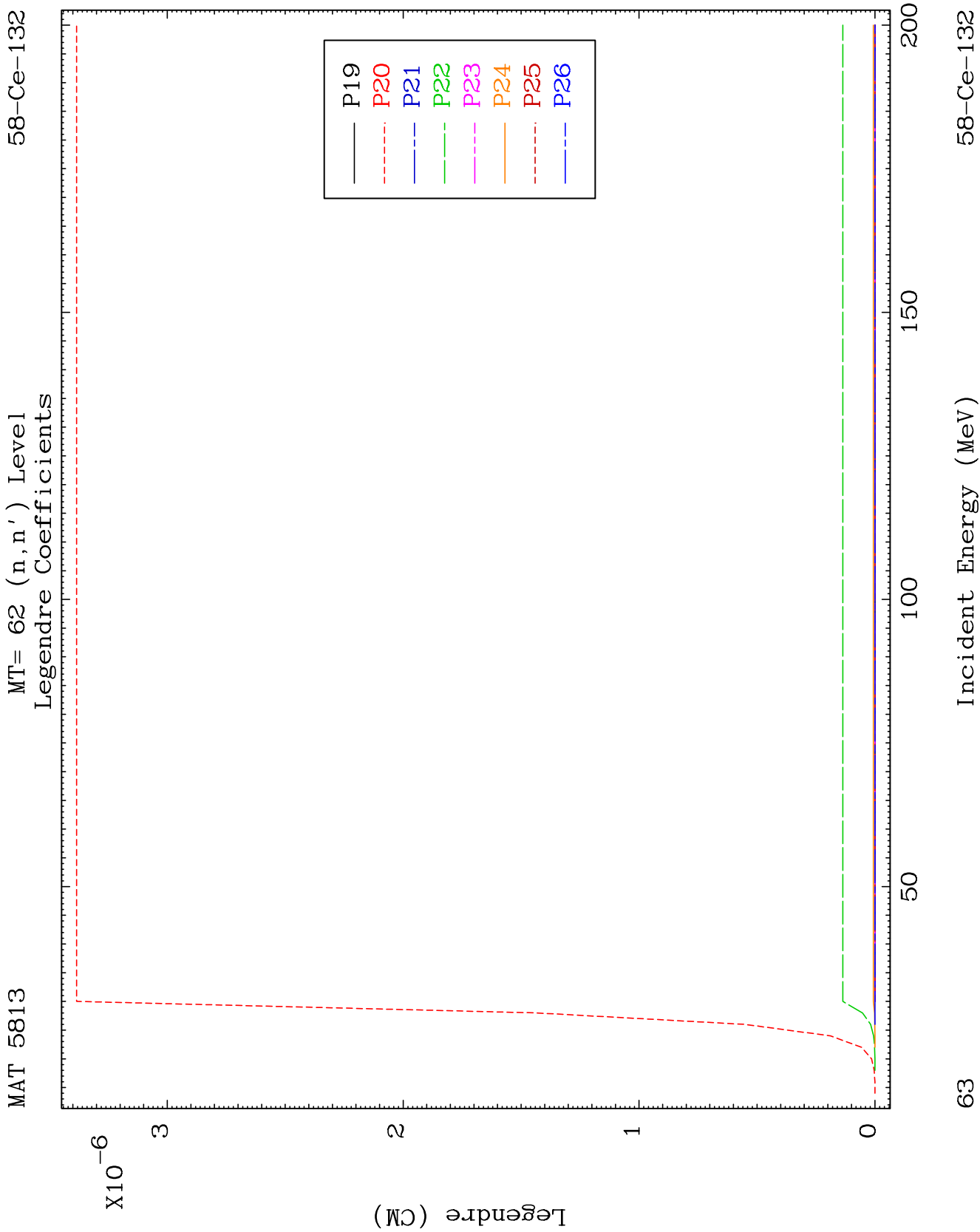
58-Ce-132

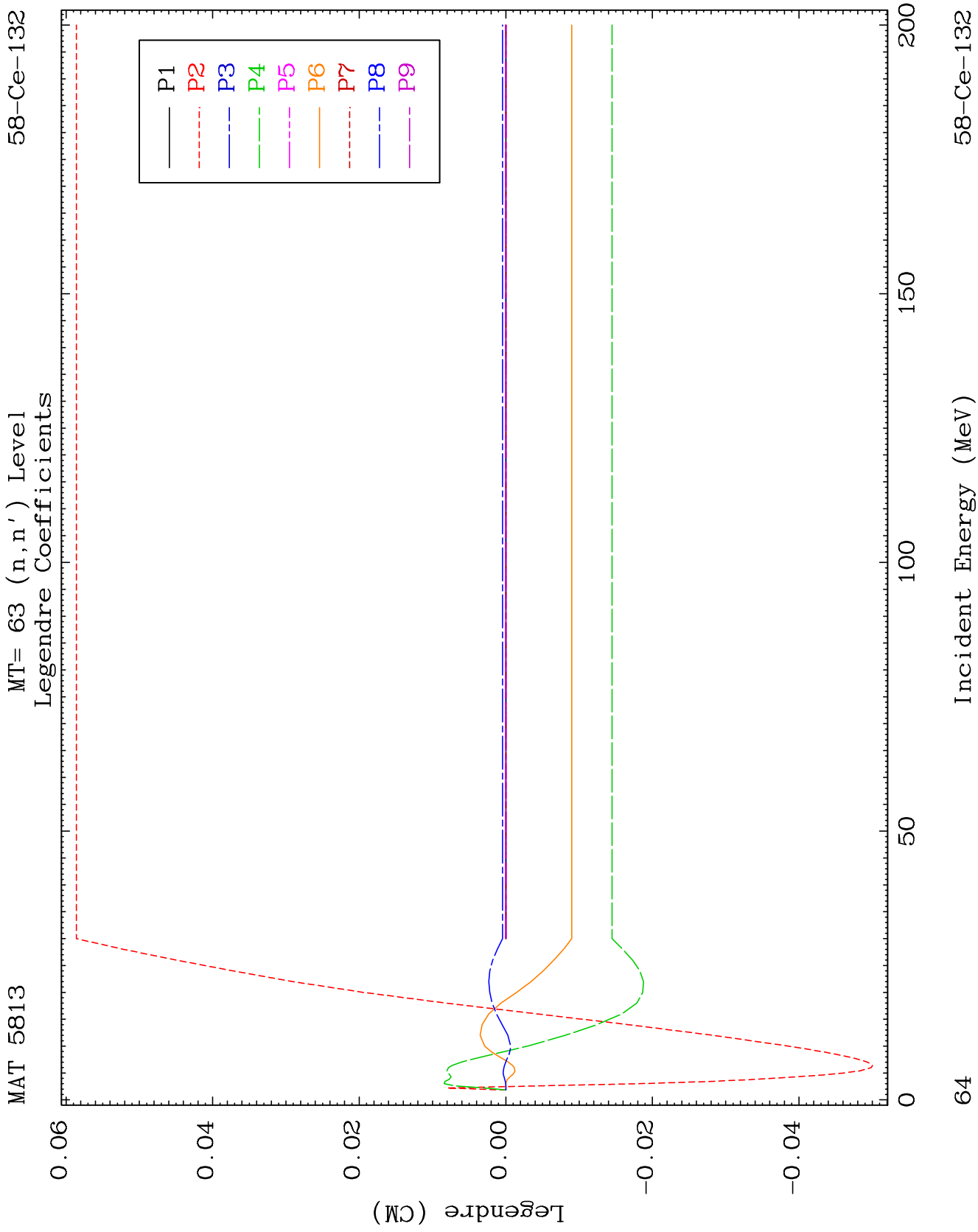


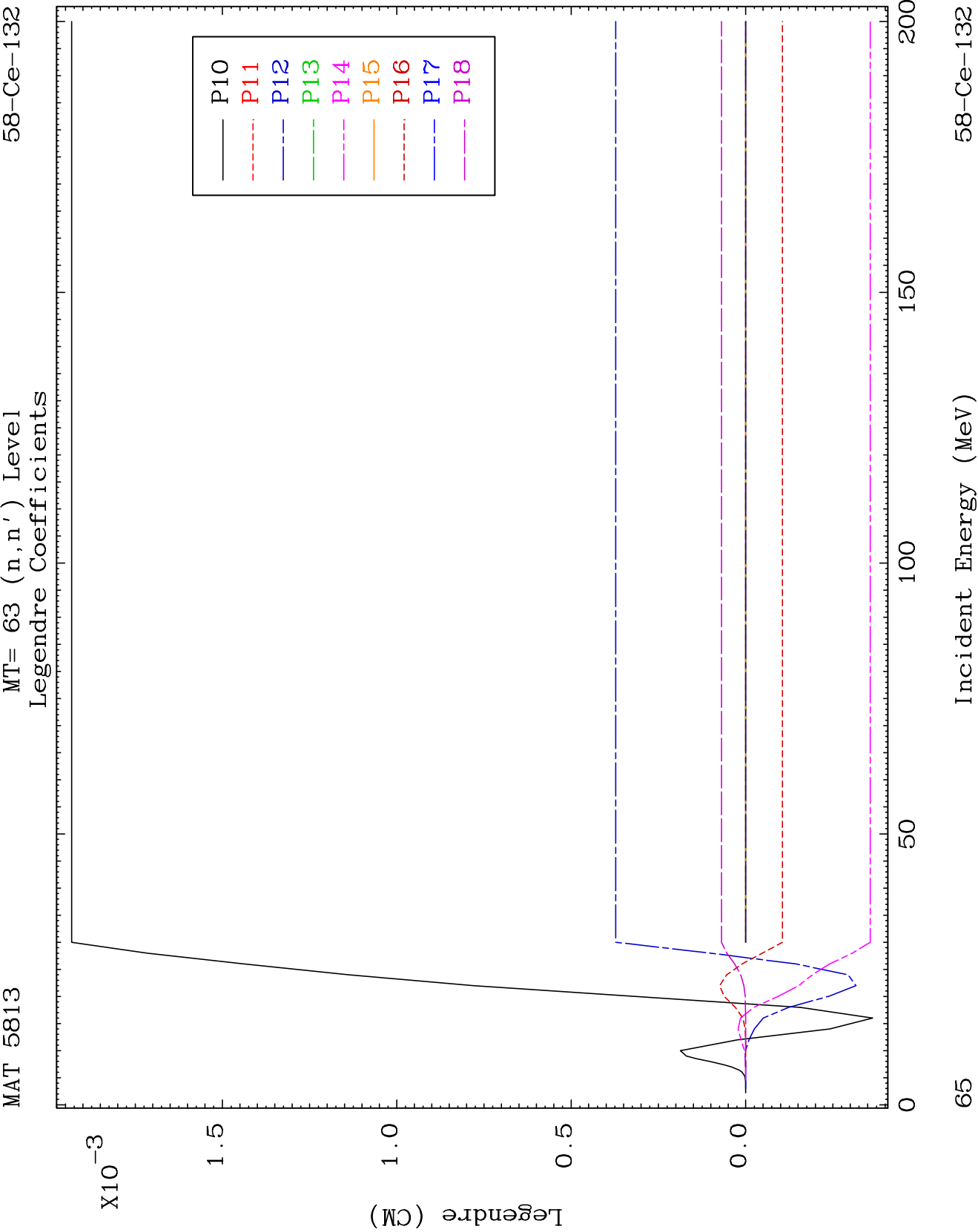








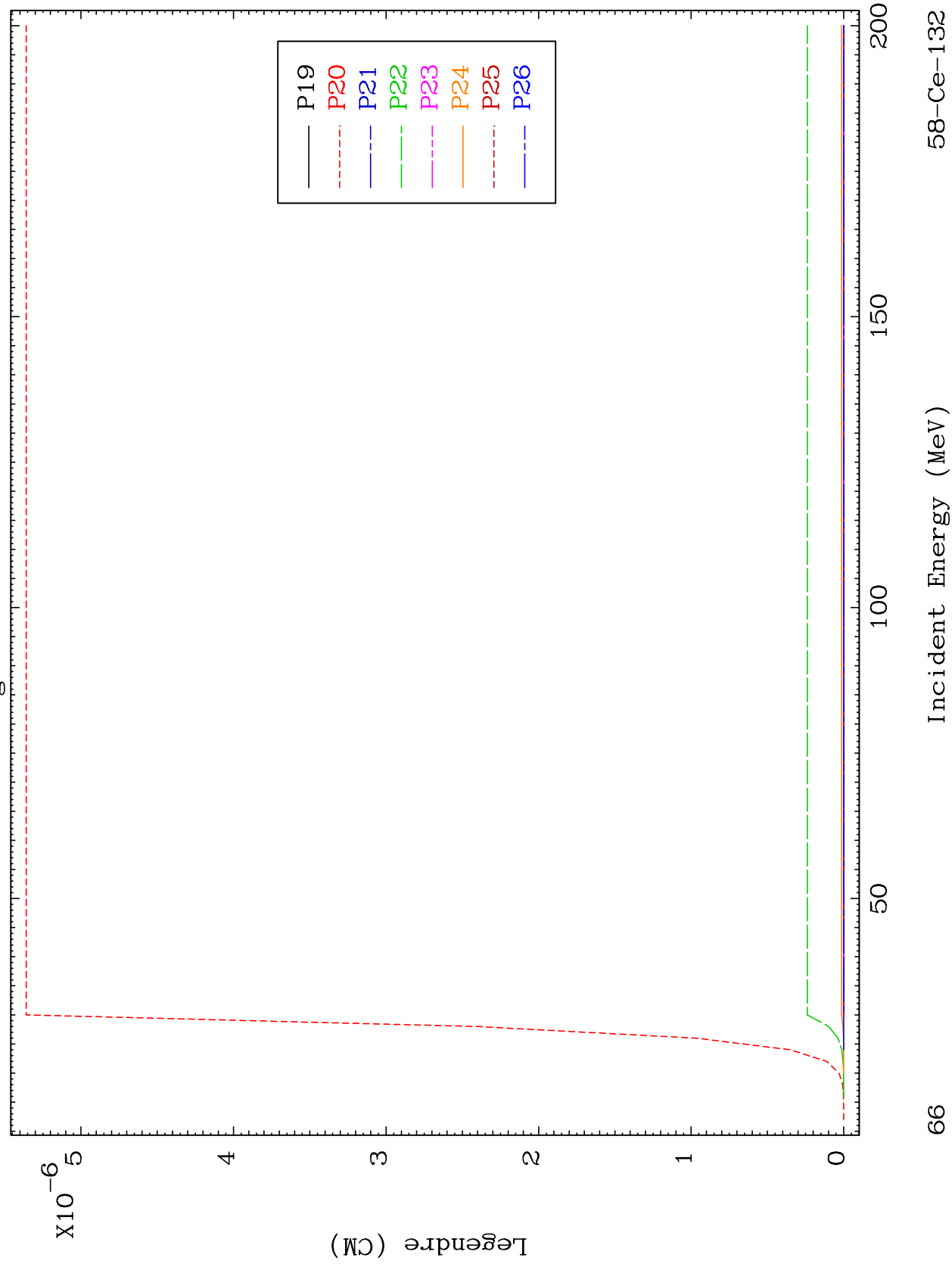


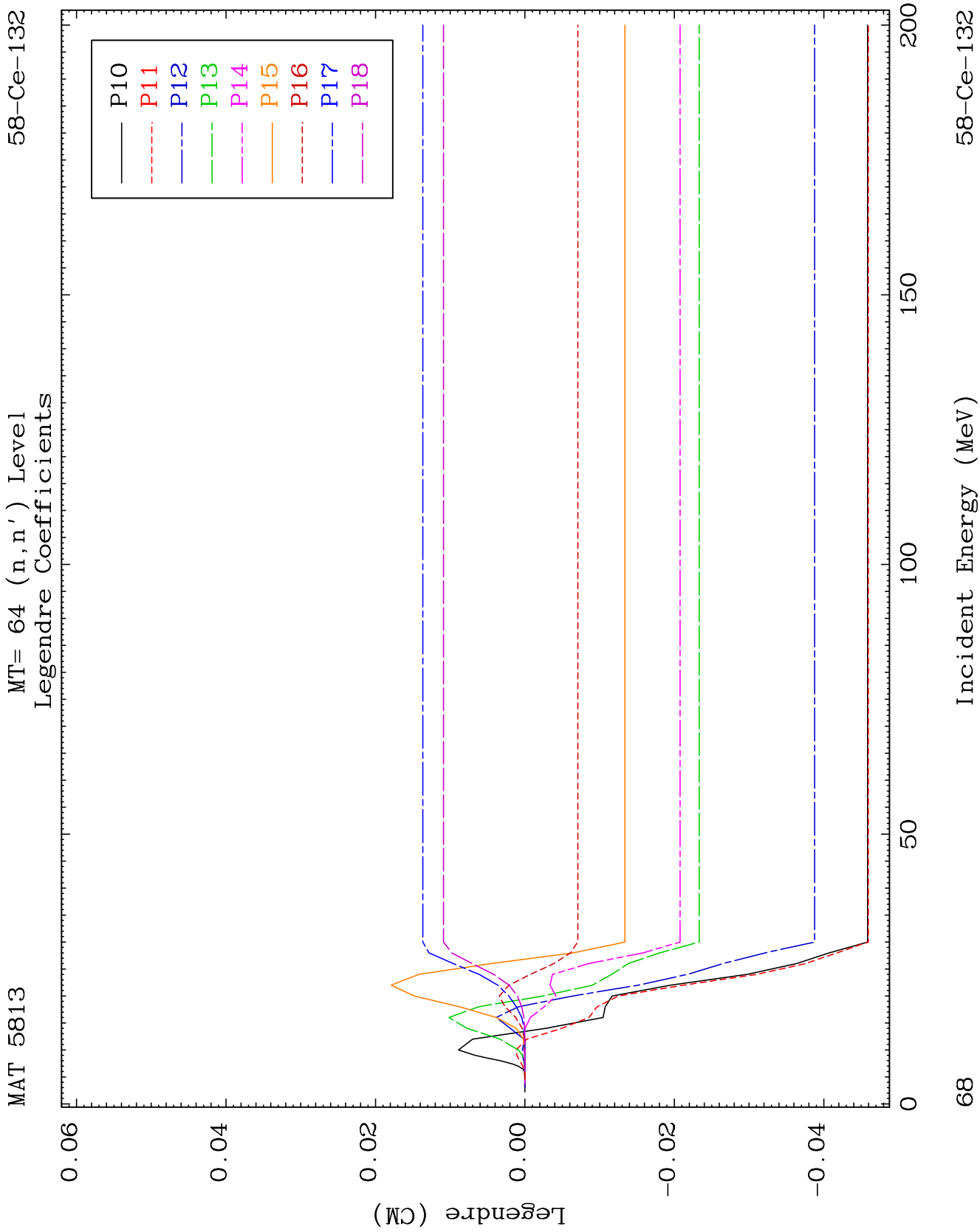


MAT 5813

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

58-Ce-132

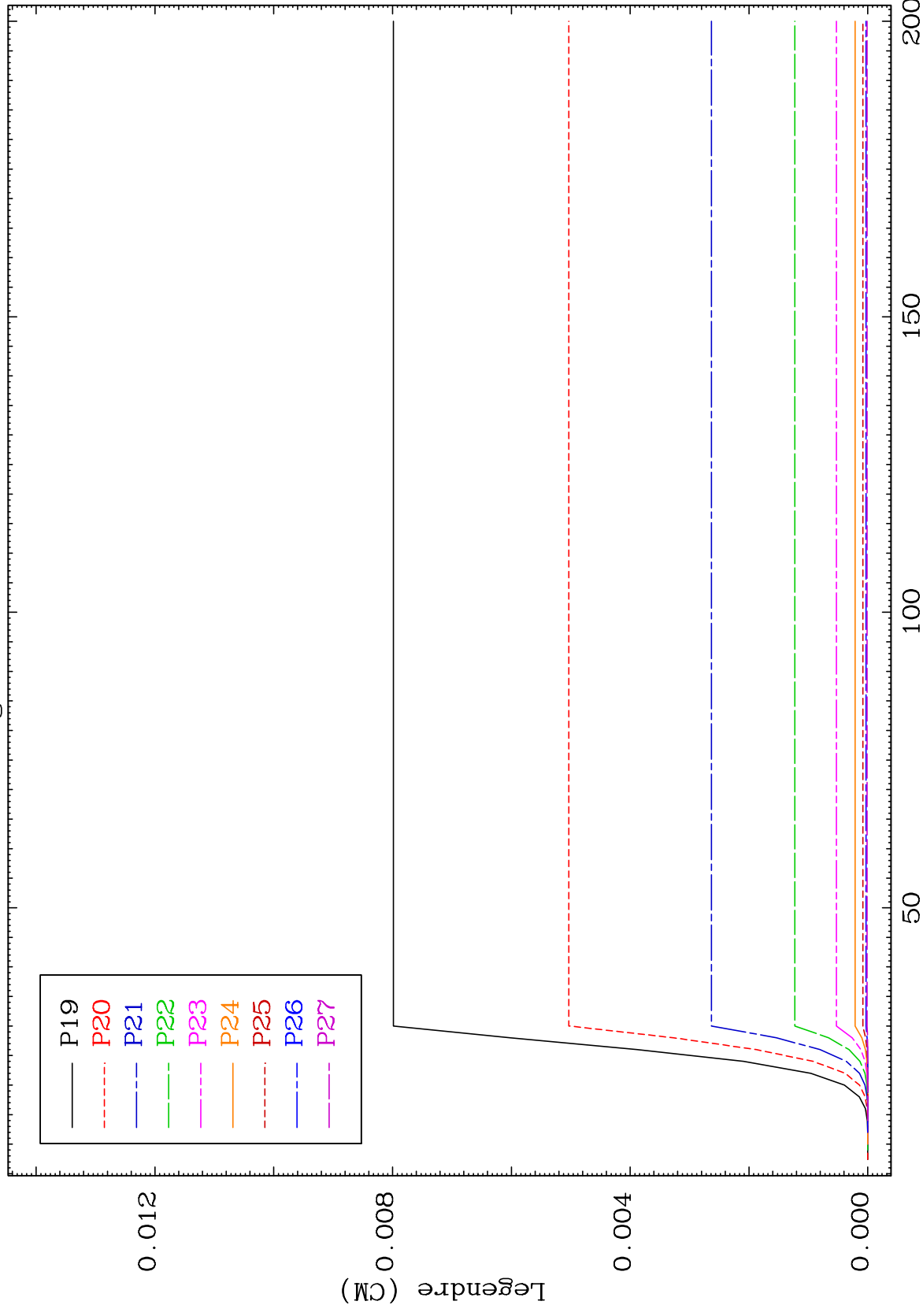




MAT 5813

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

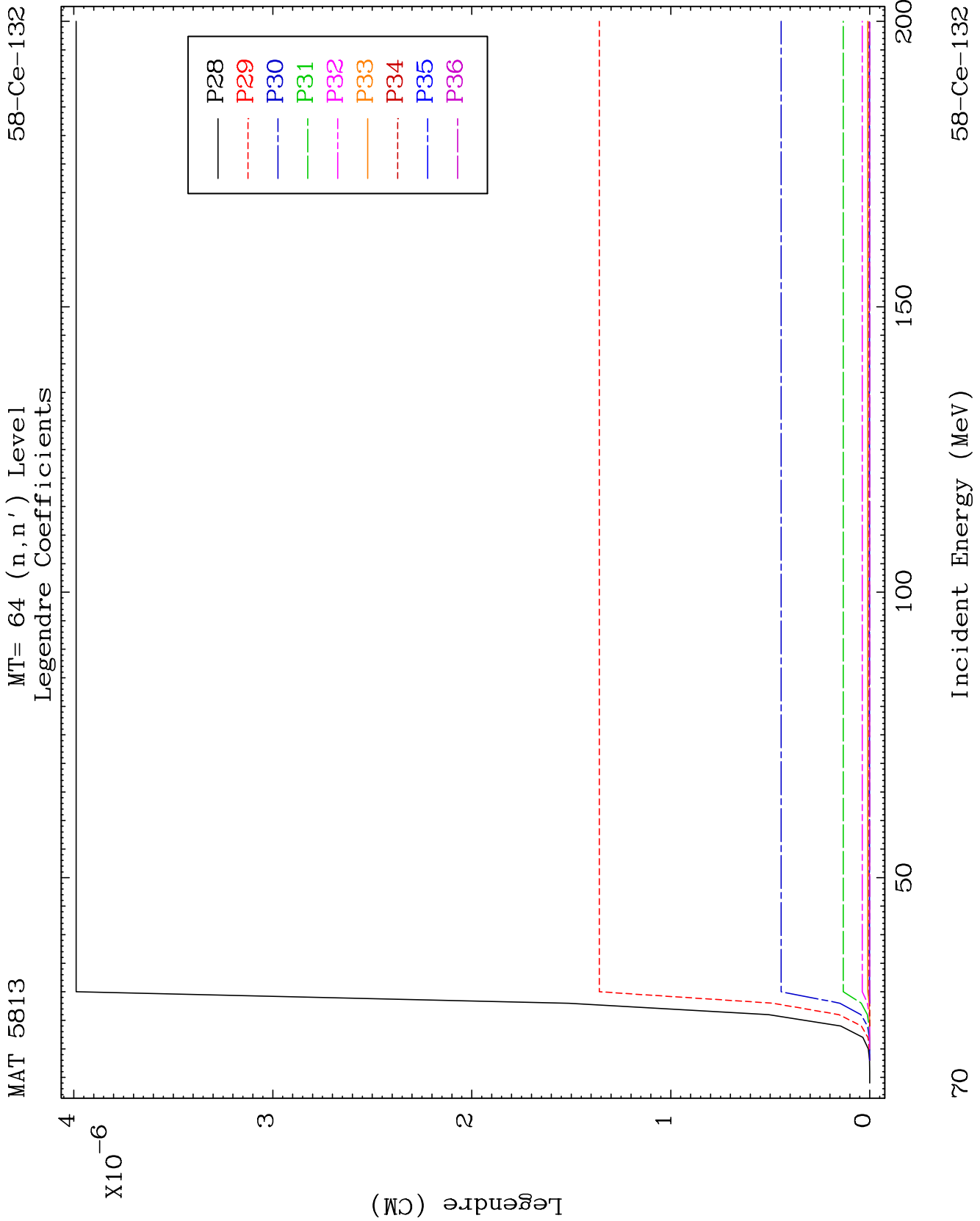
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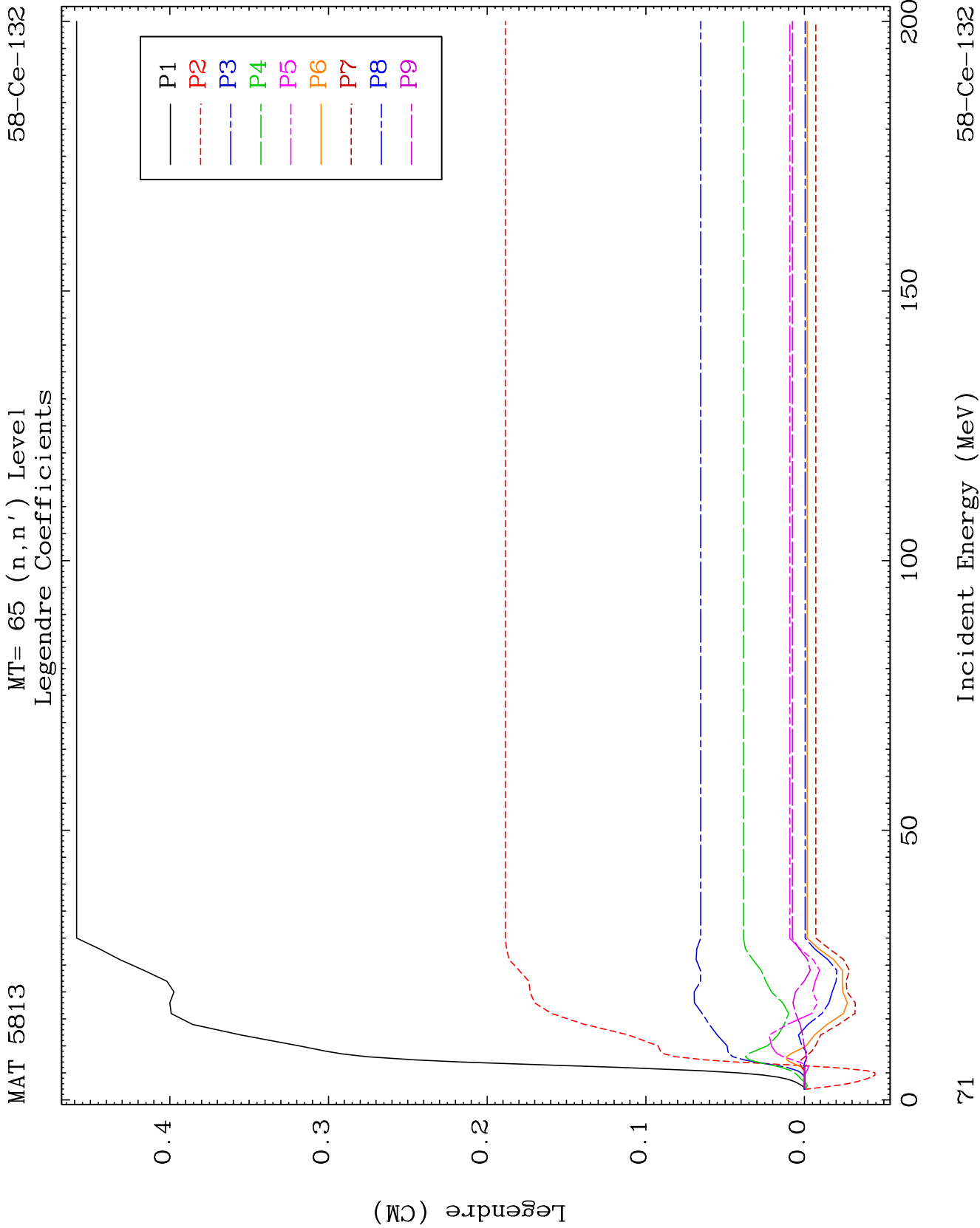


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Incident Energy (MeV)

58-Ce-132

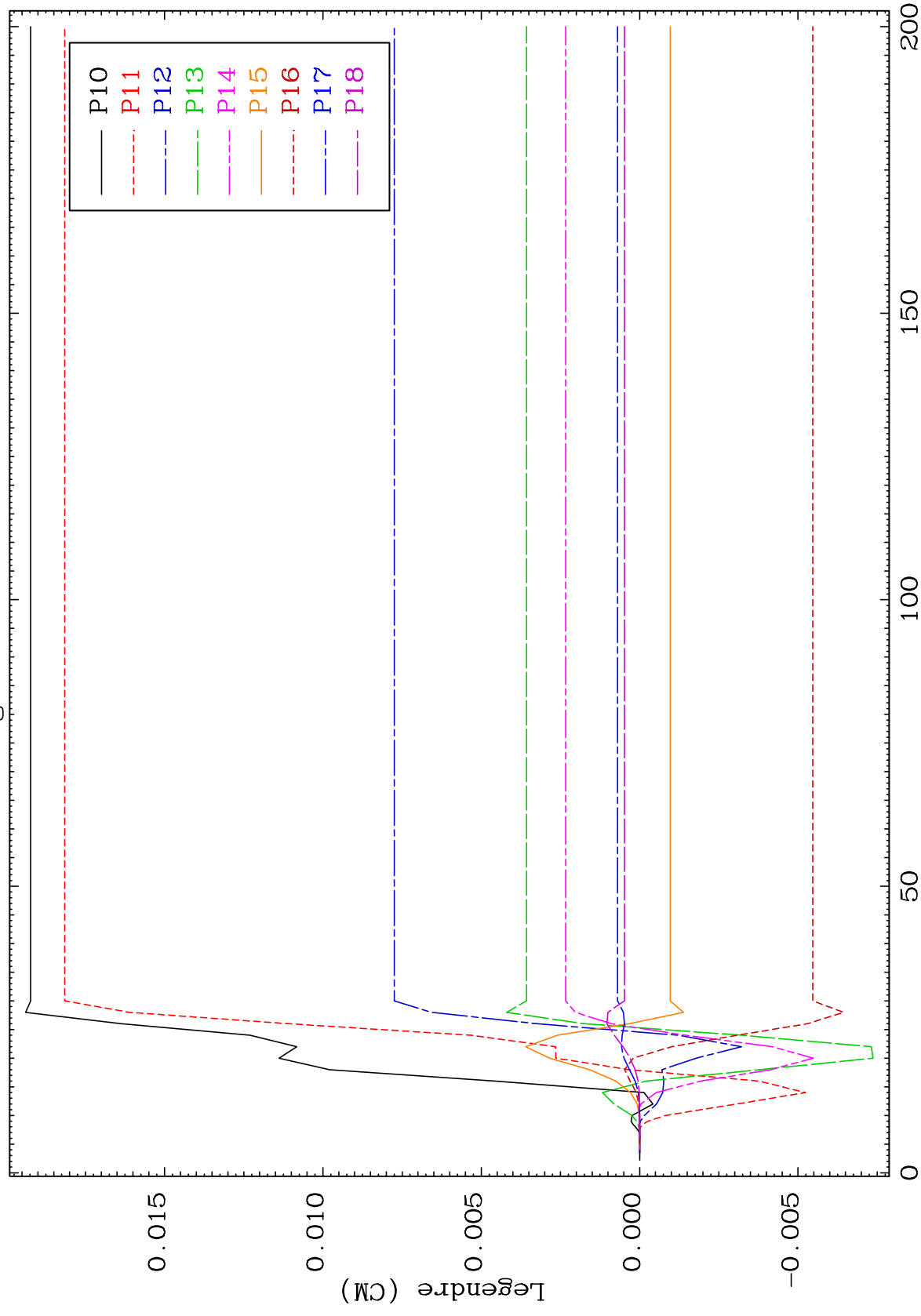




MAT 5813

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

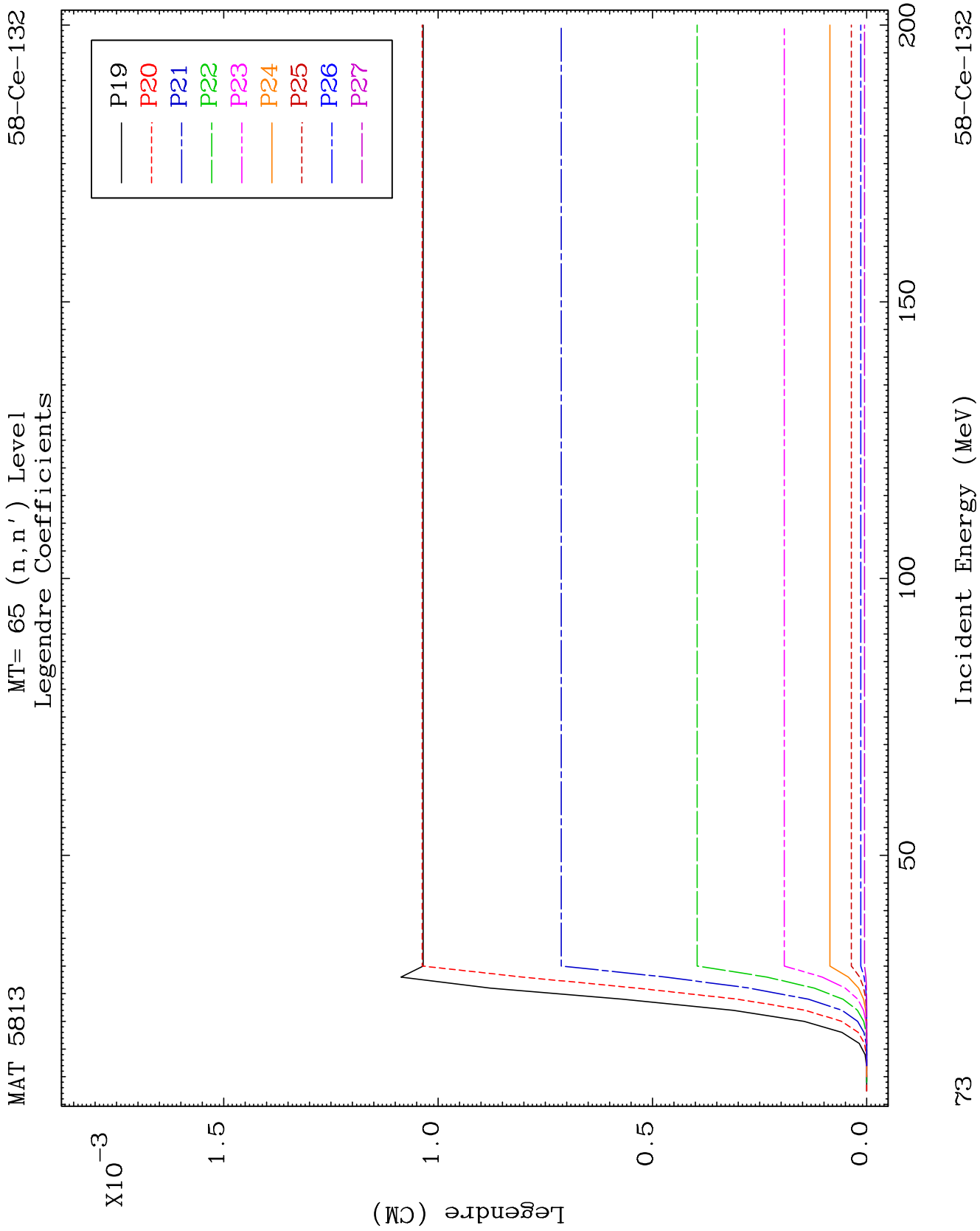
58-Ce-132

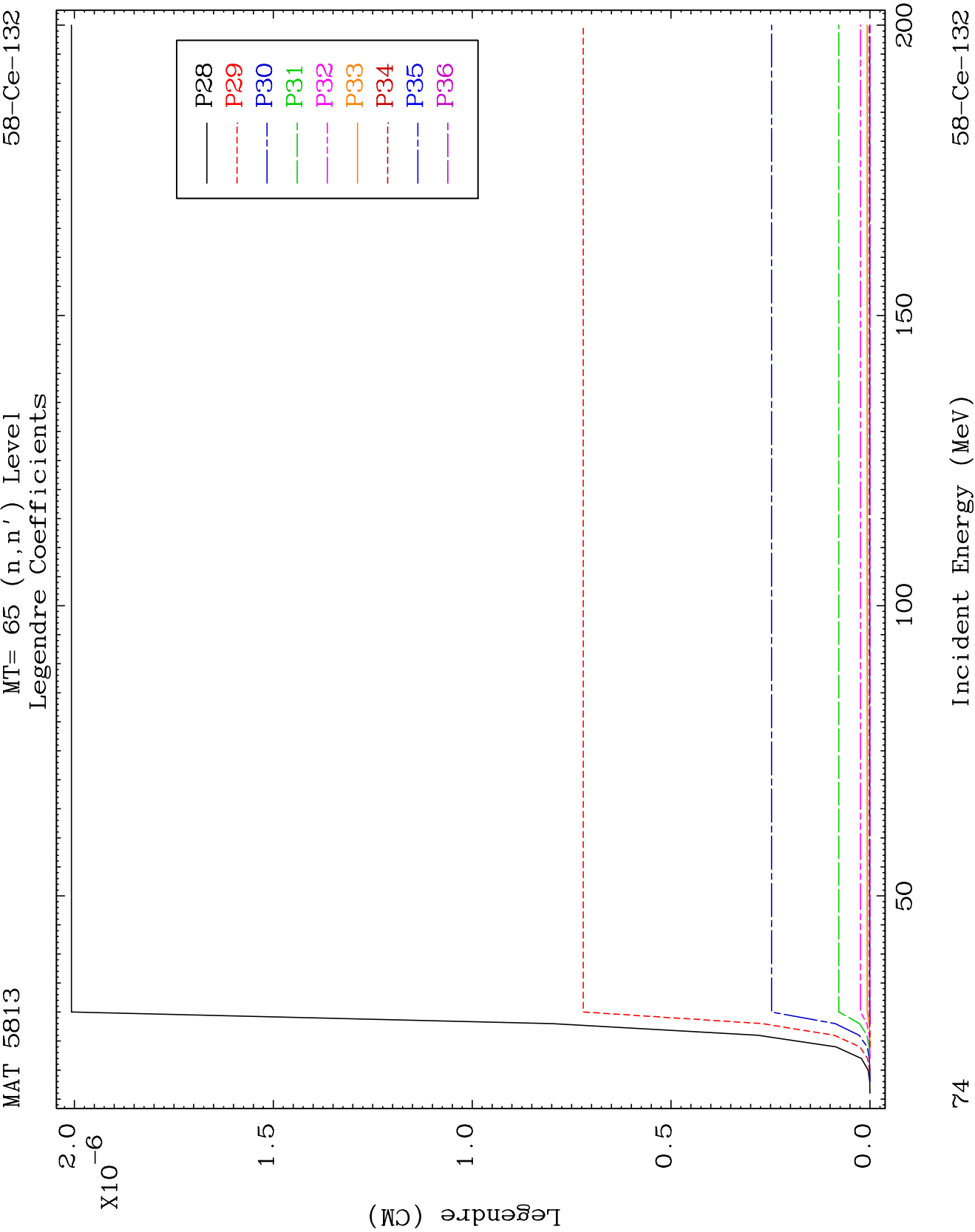


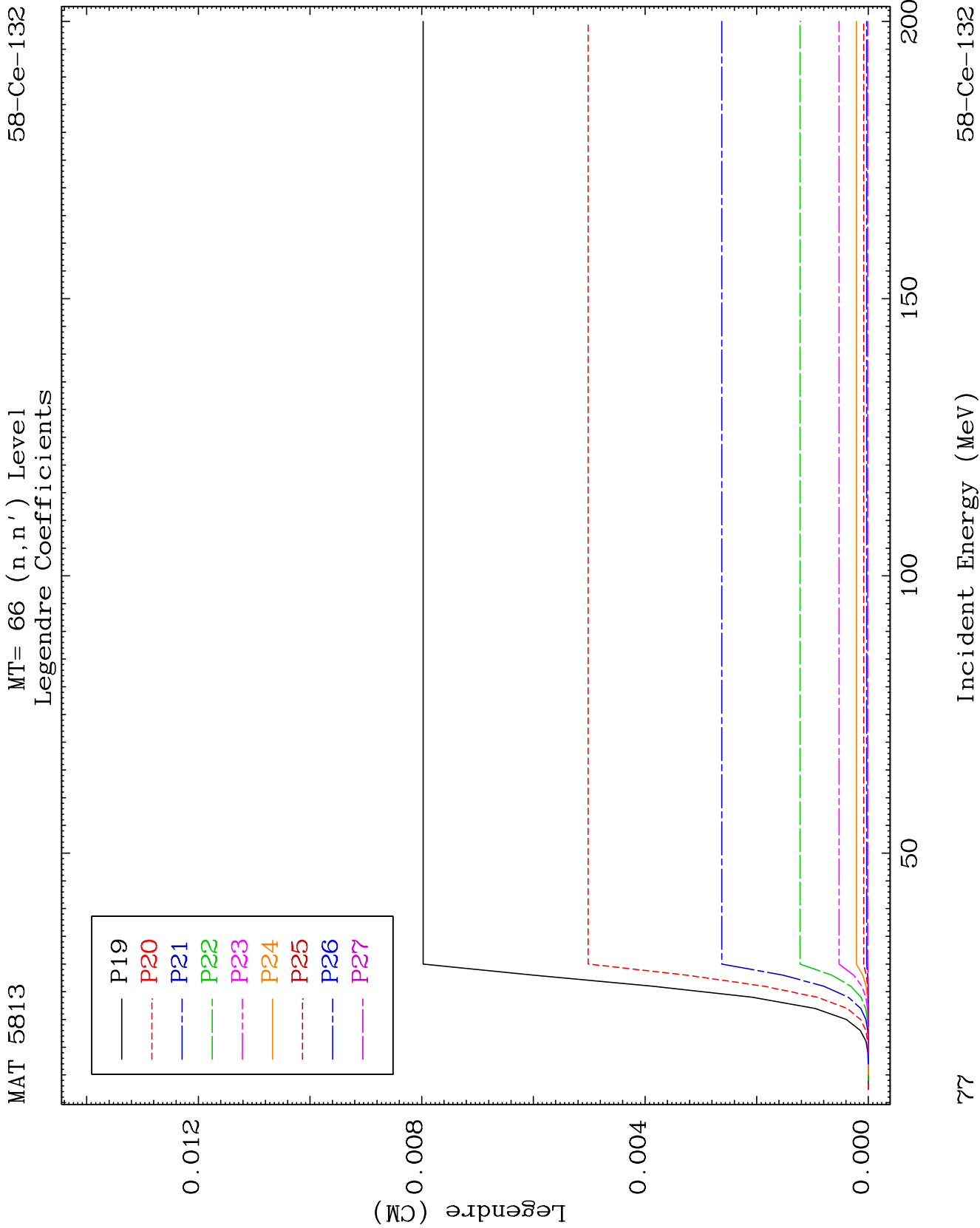
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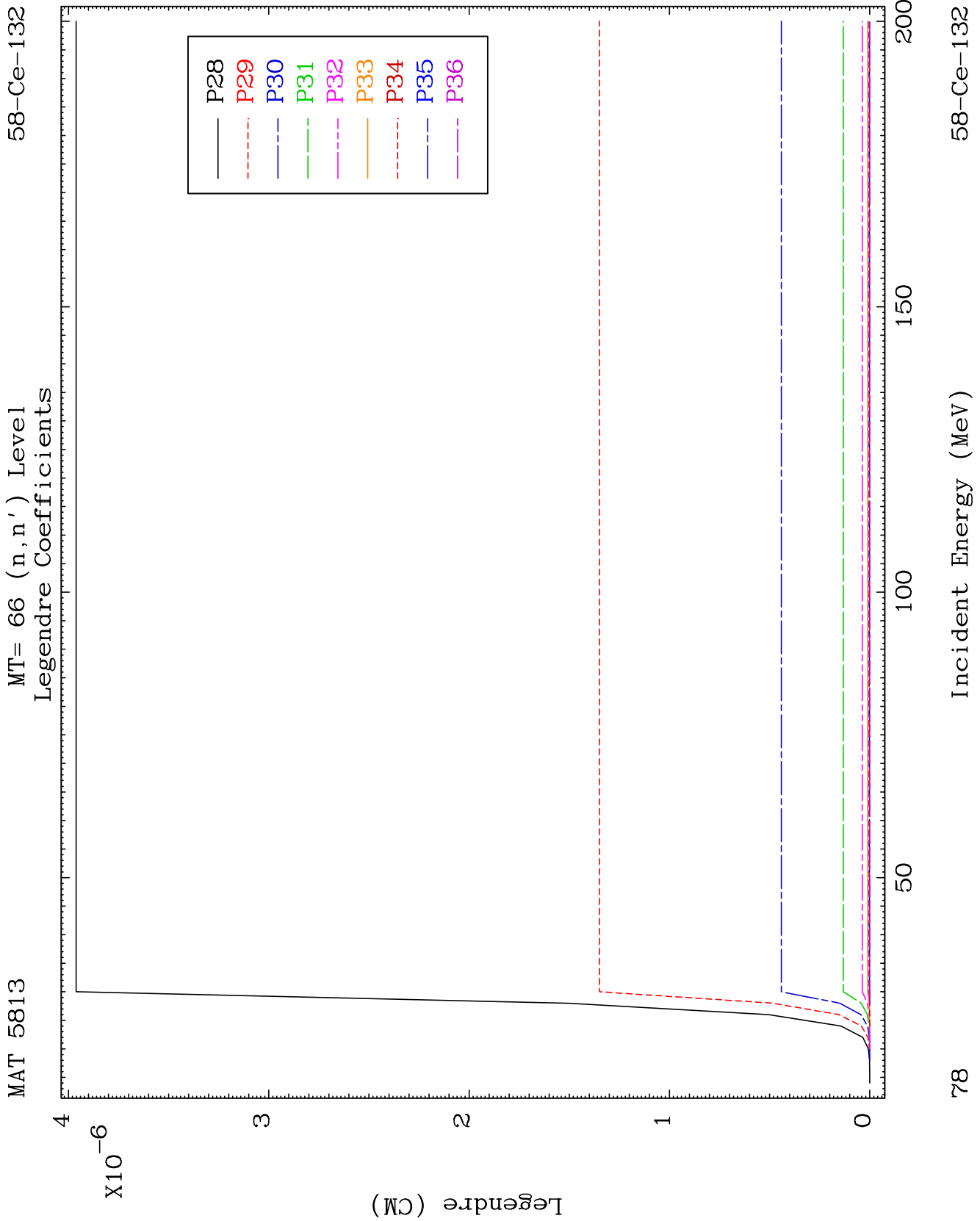
Incident Energy (MeV)

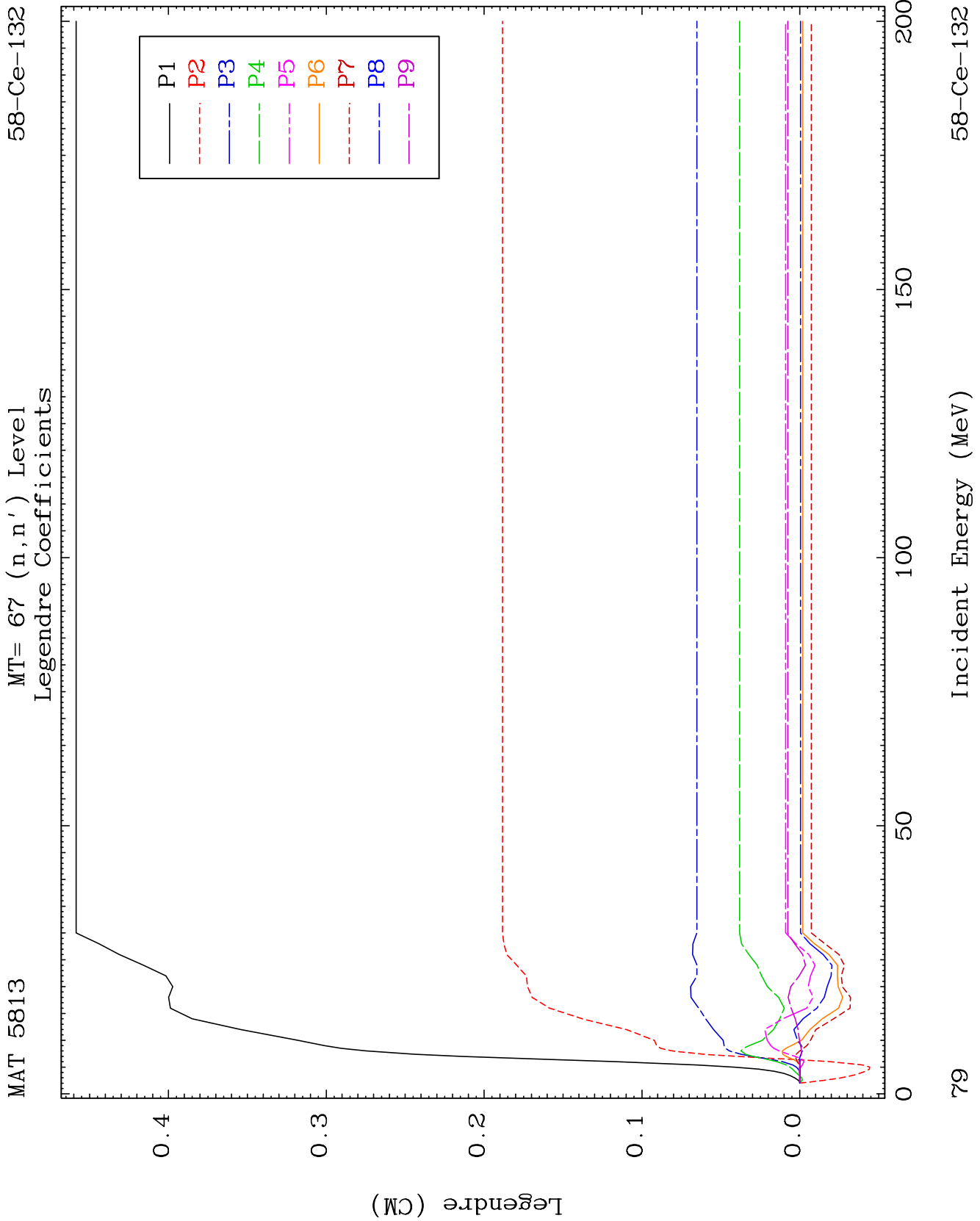
58-Ce-132

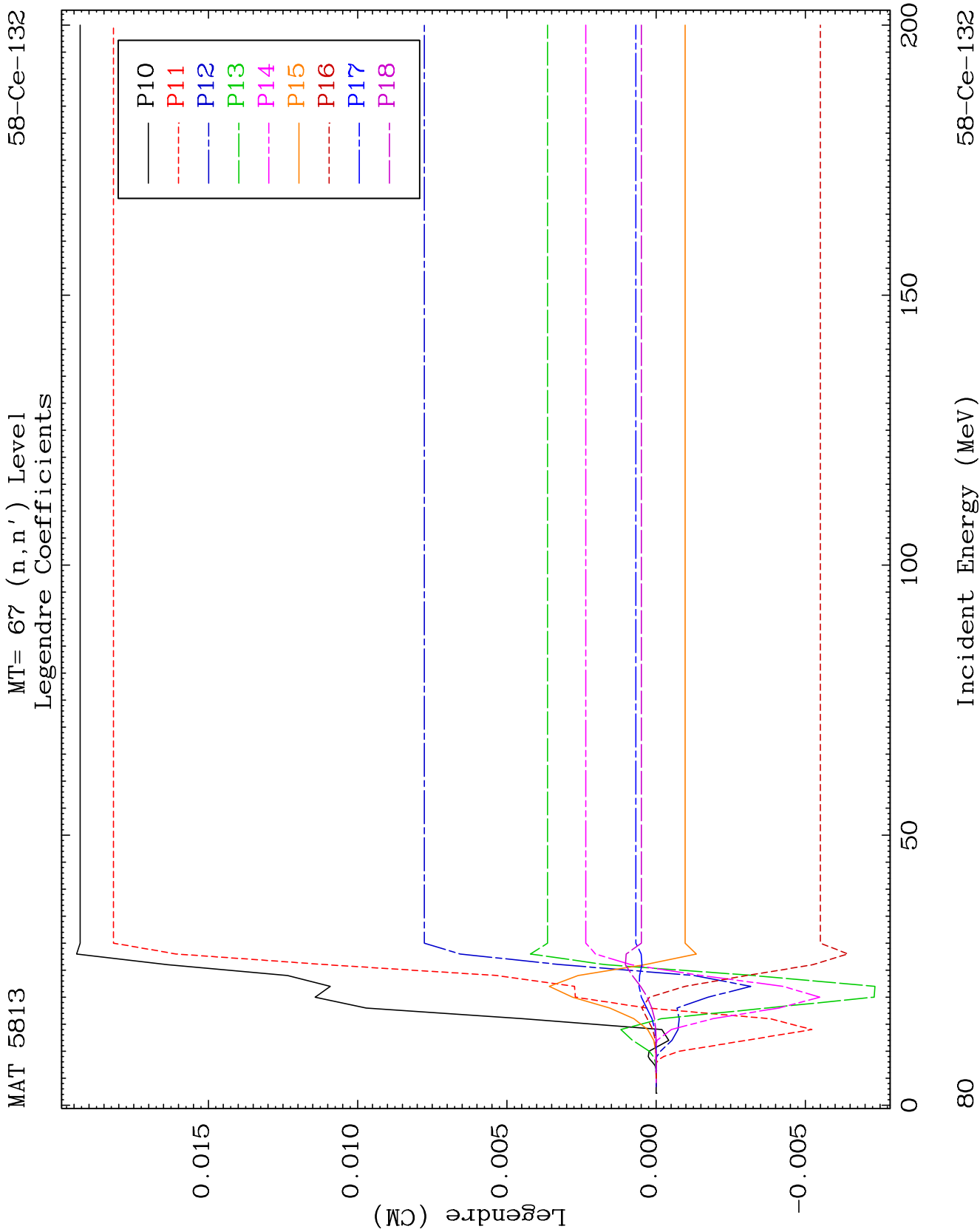


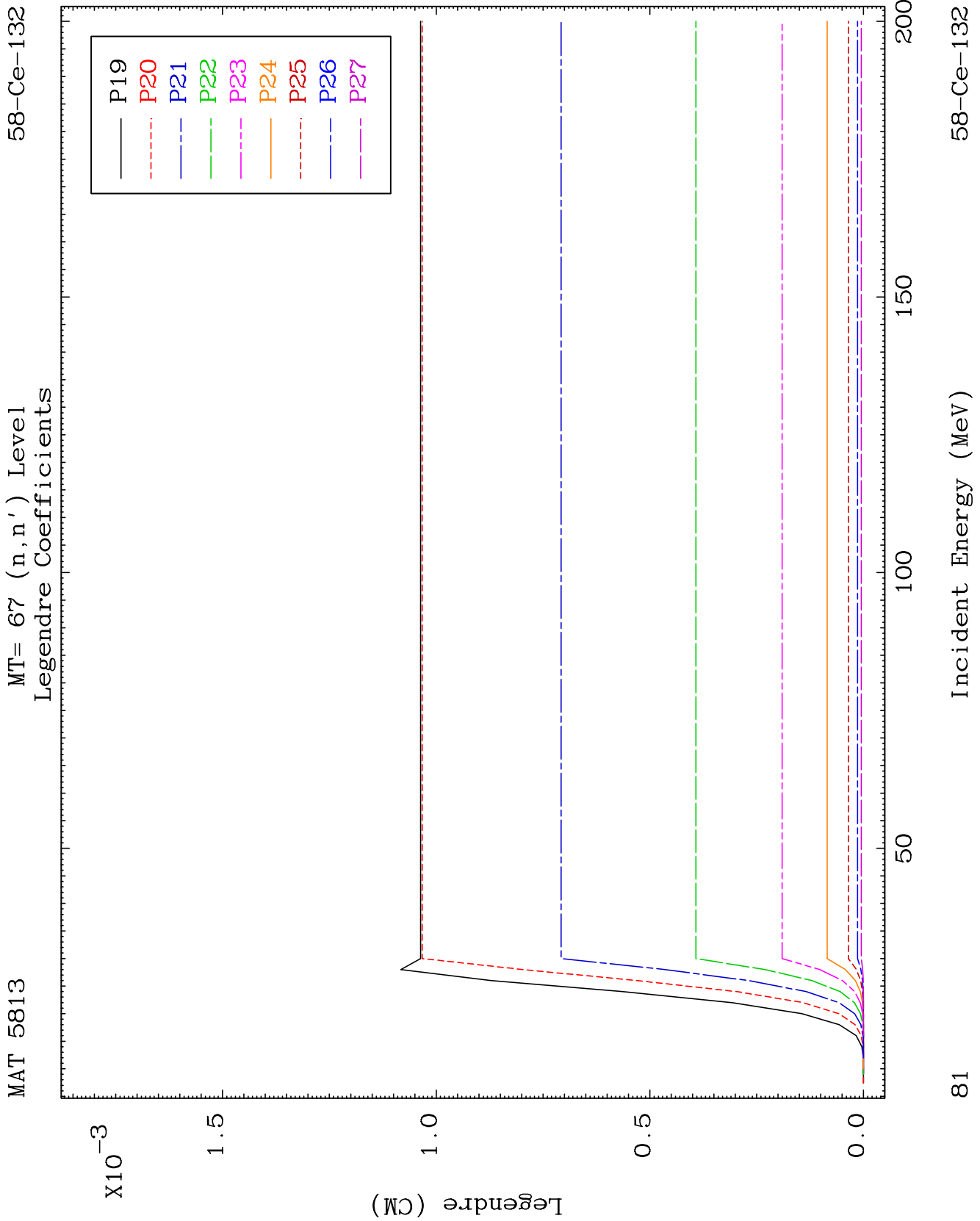


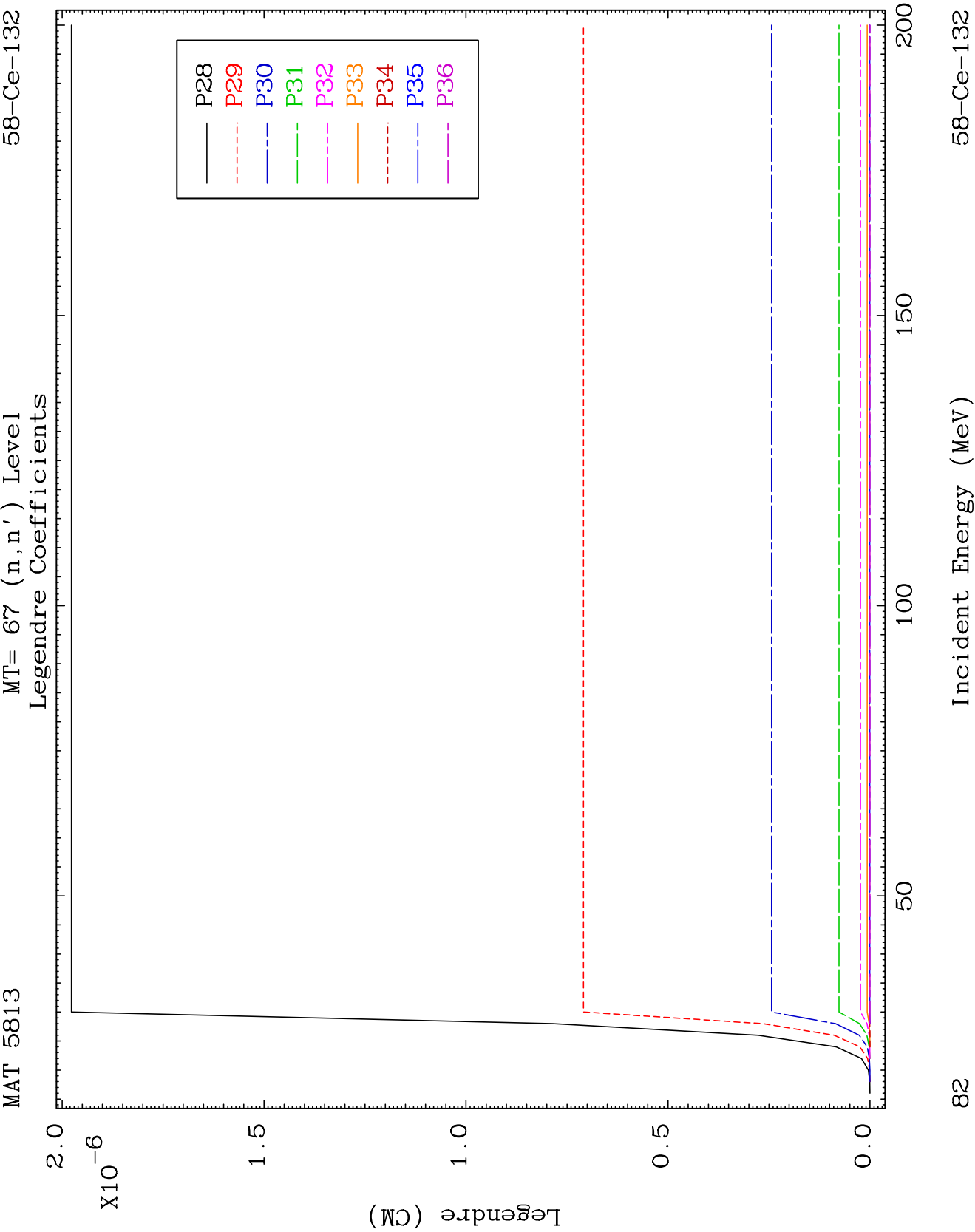


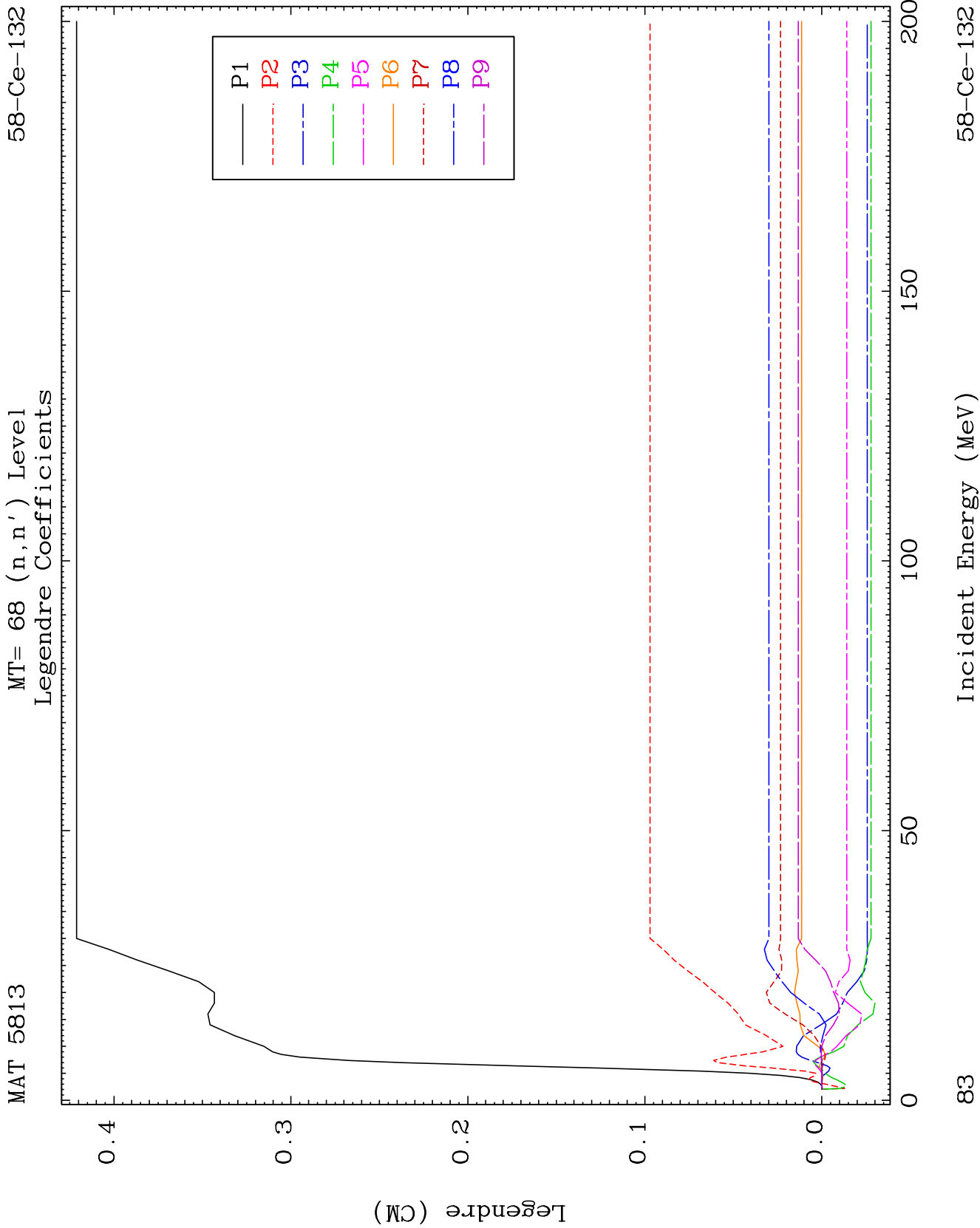


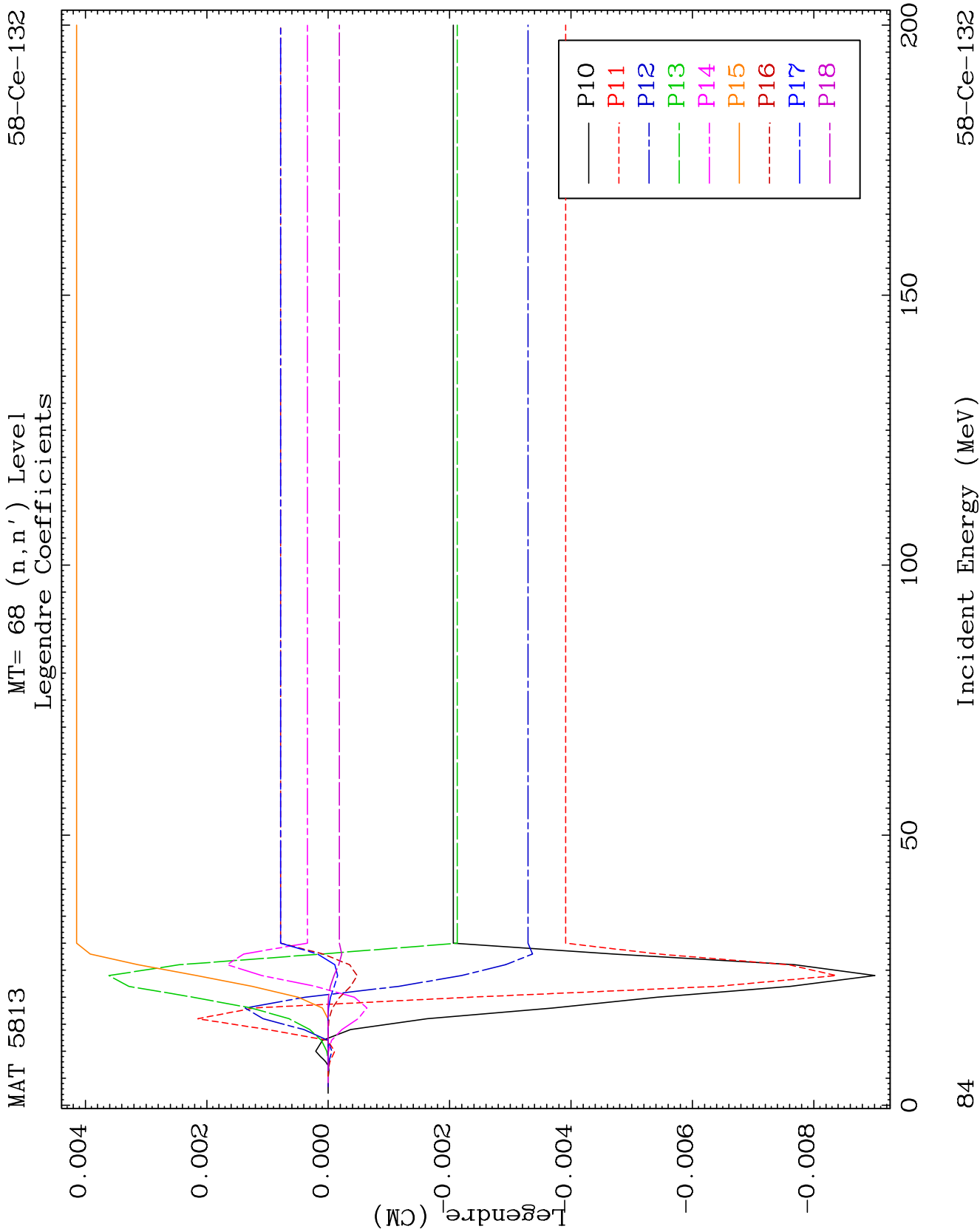


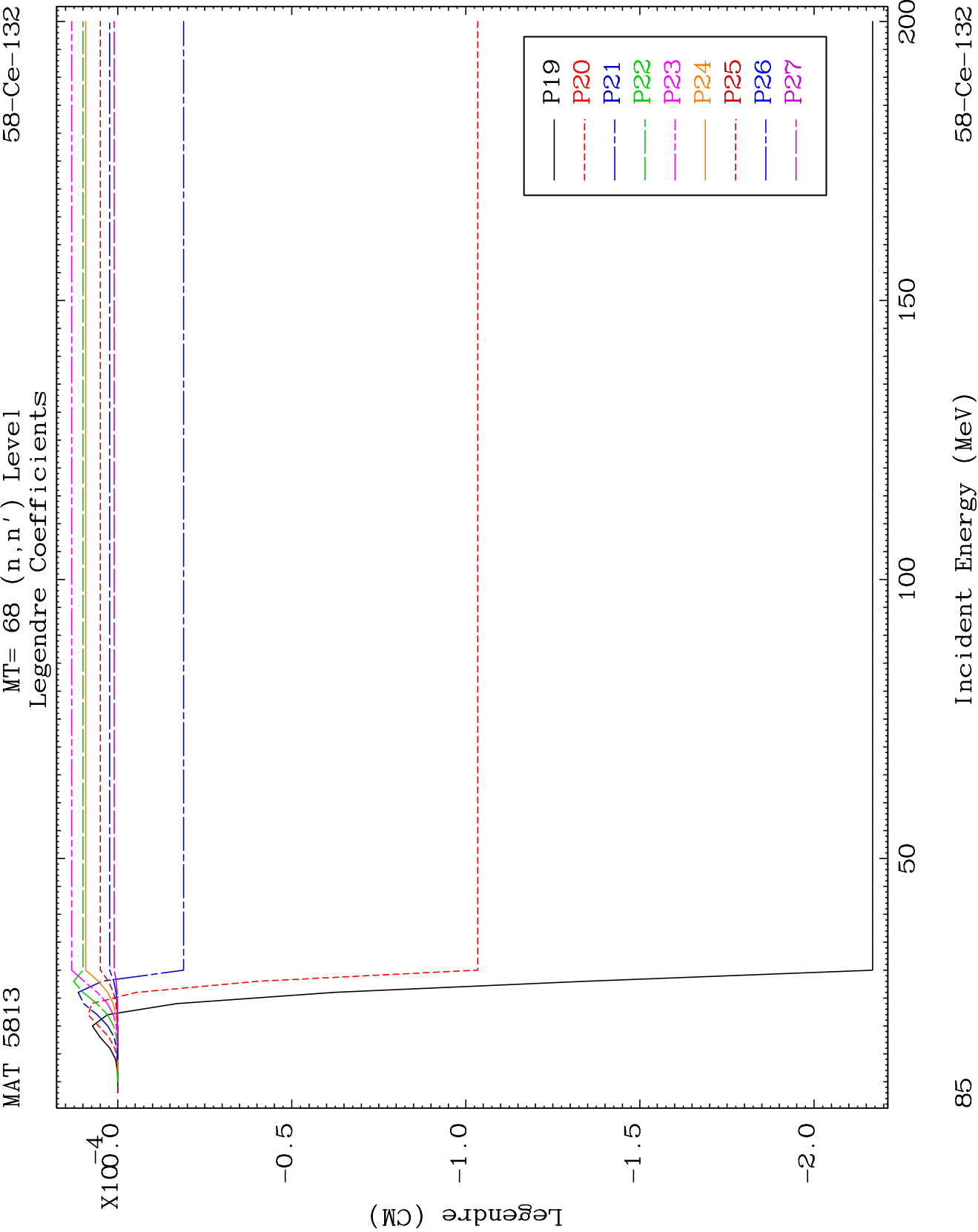


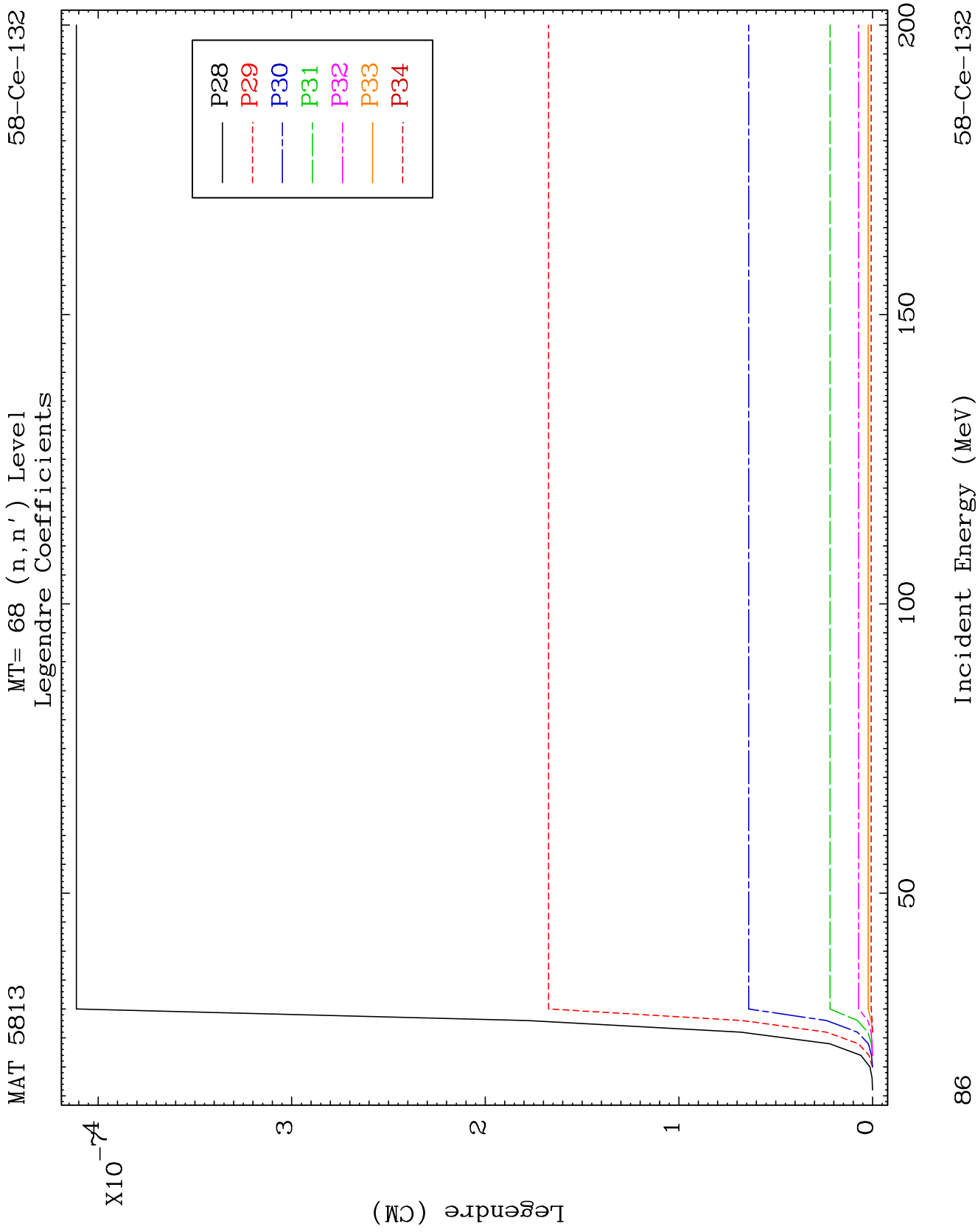


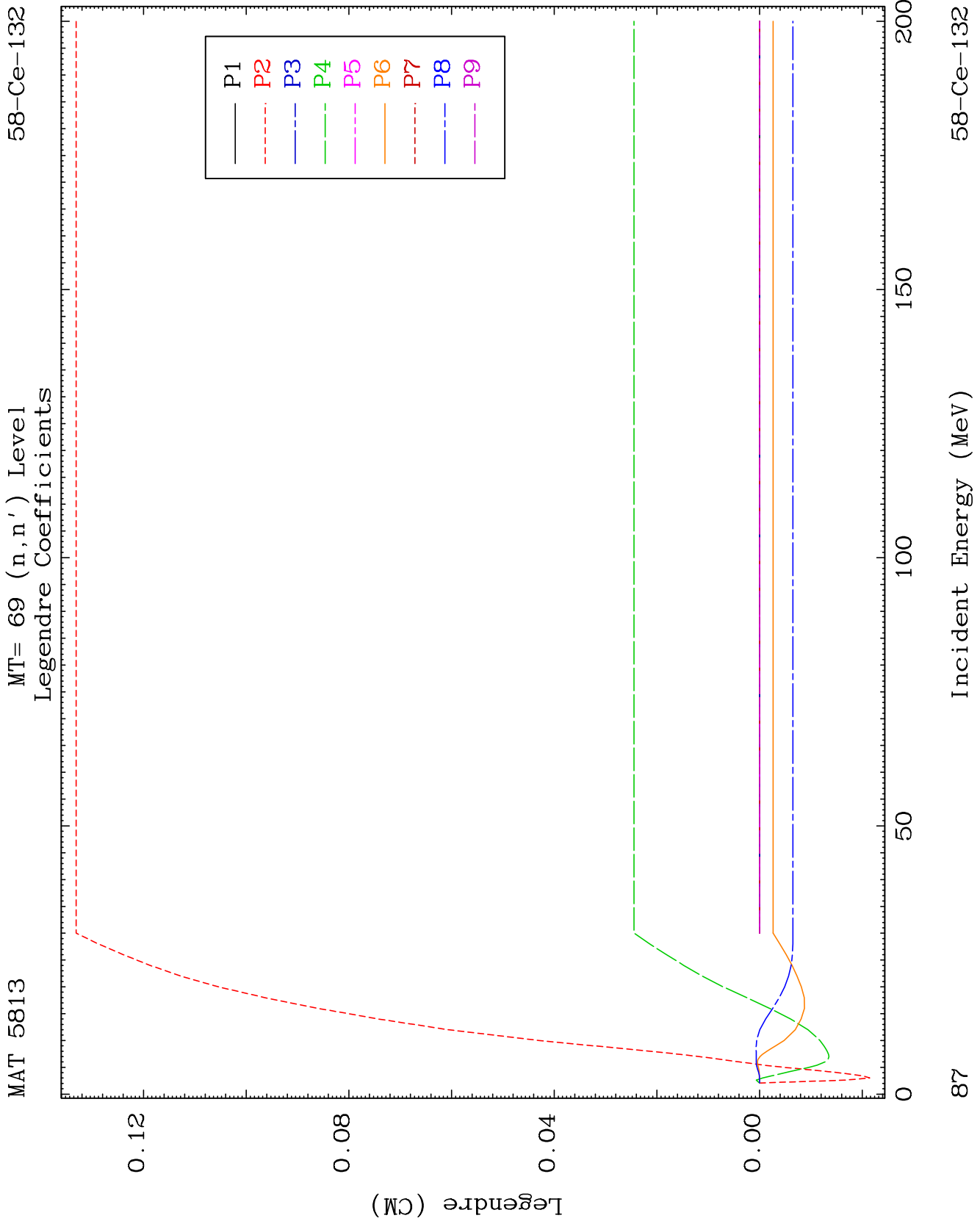


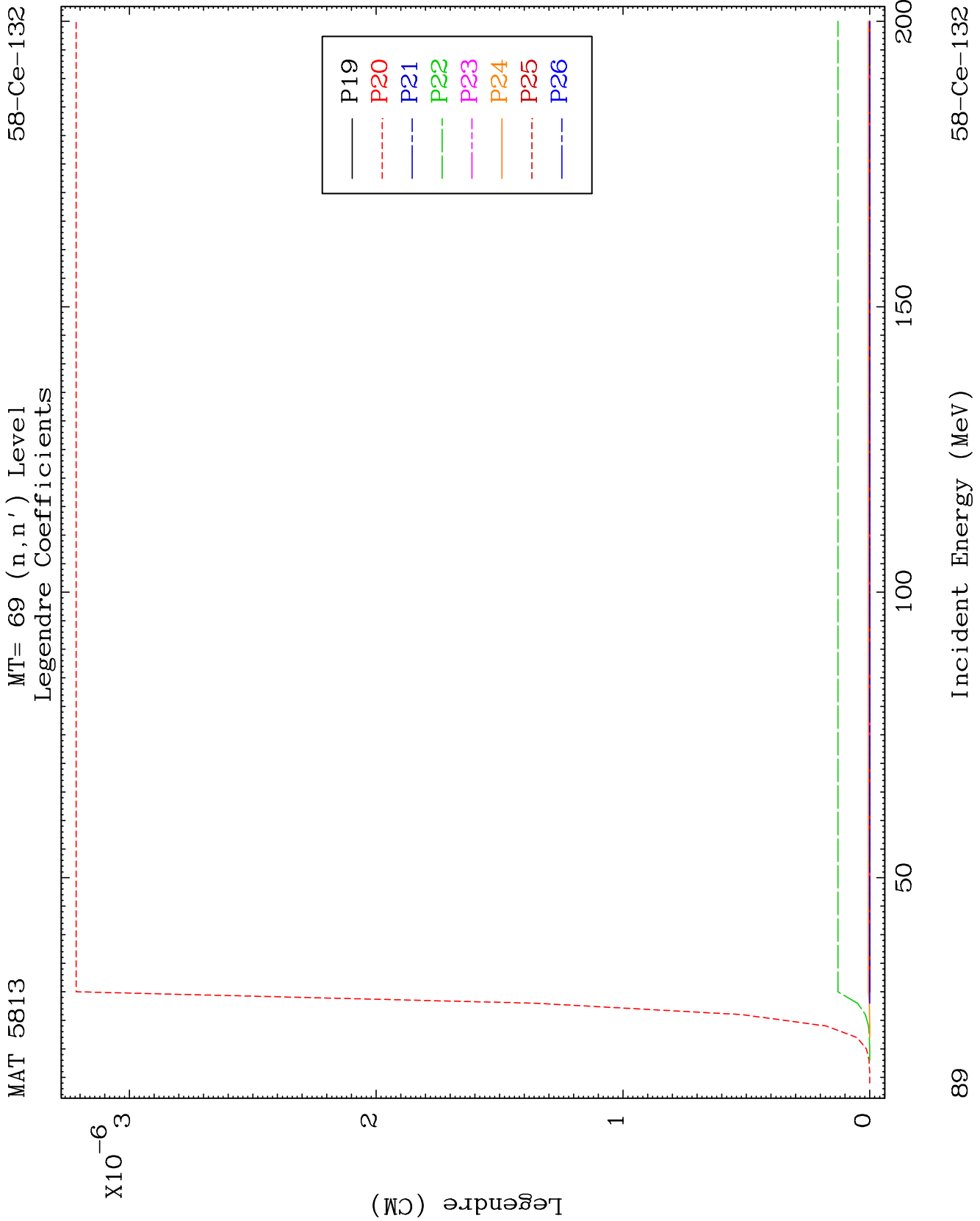








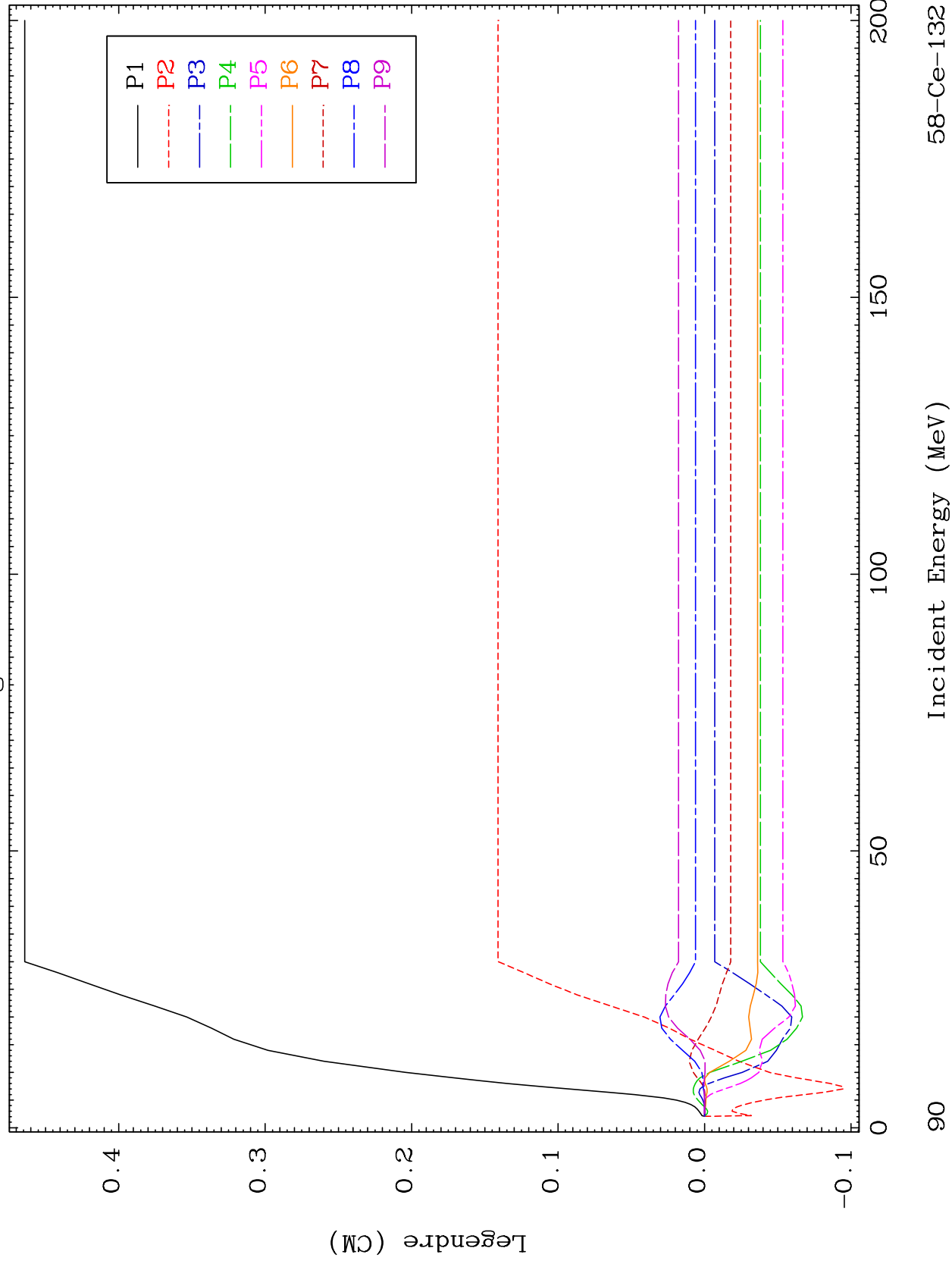




MAT 5813

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

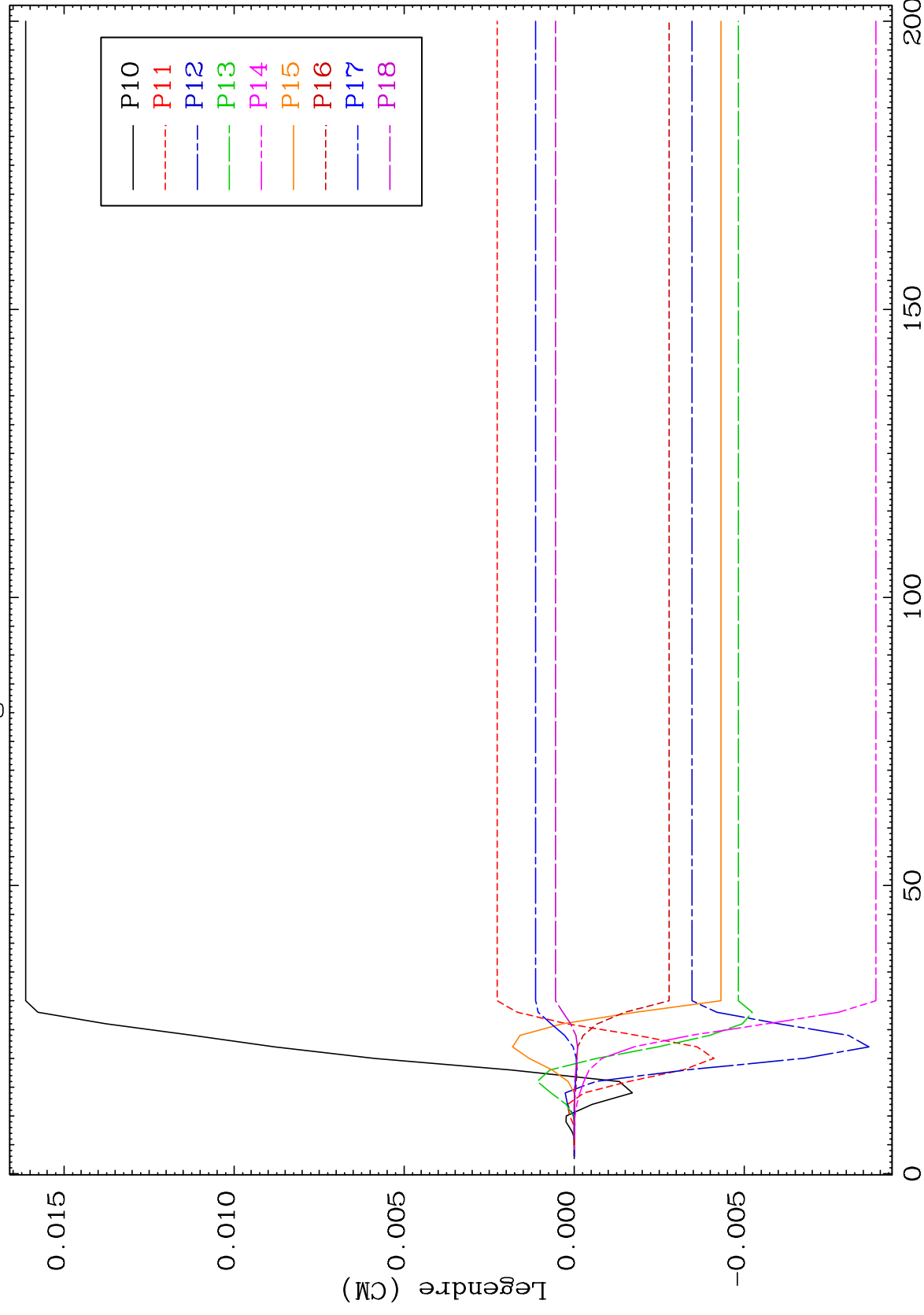
58-Ce-132



MAT 5813

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

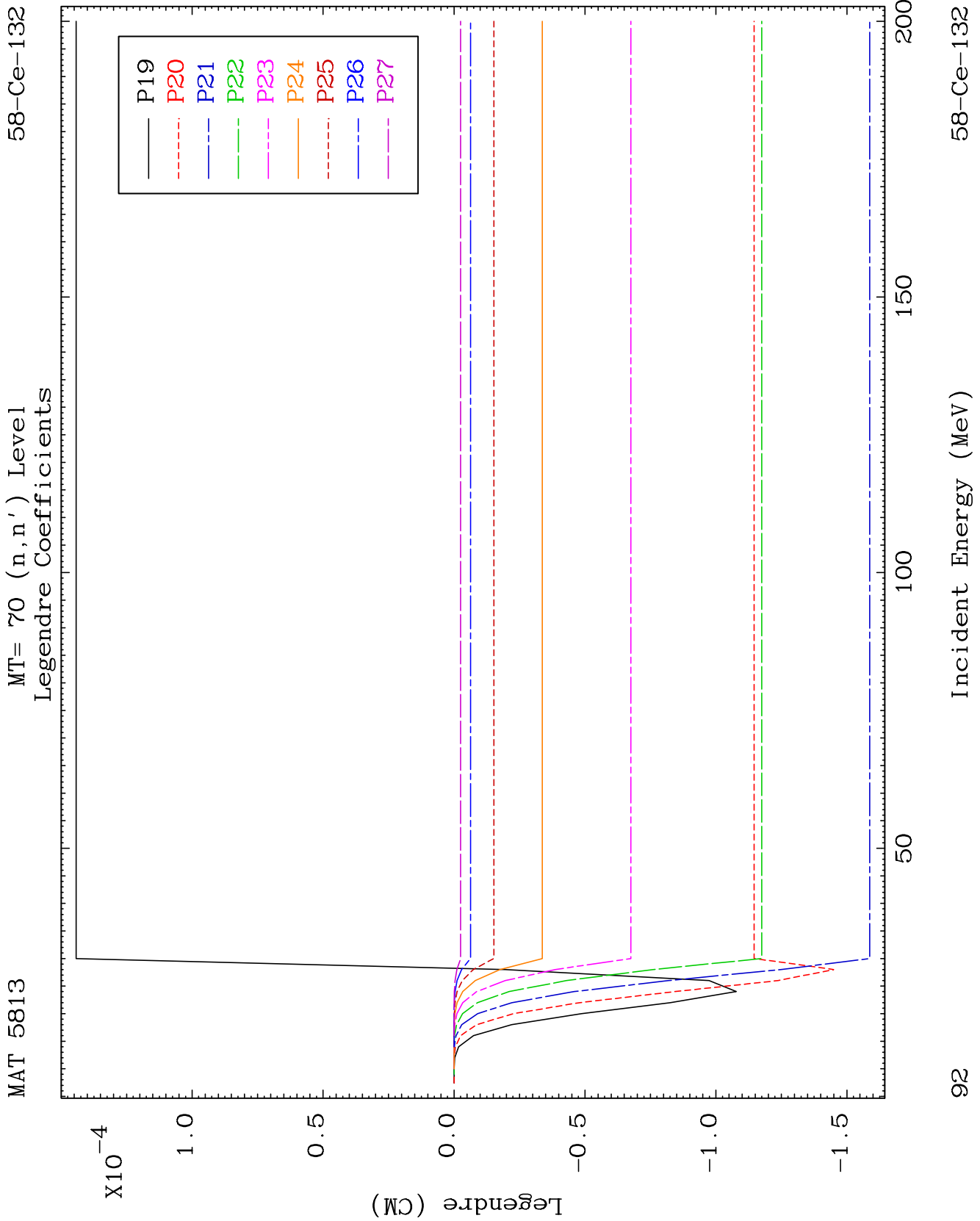
58-Ce-132

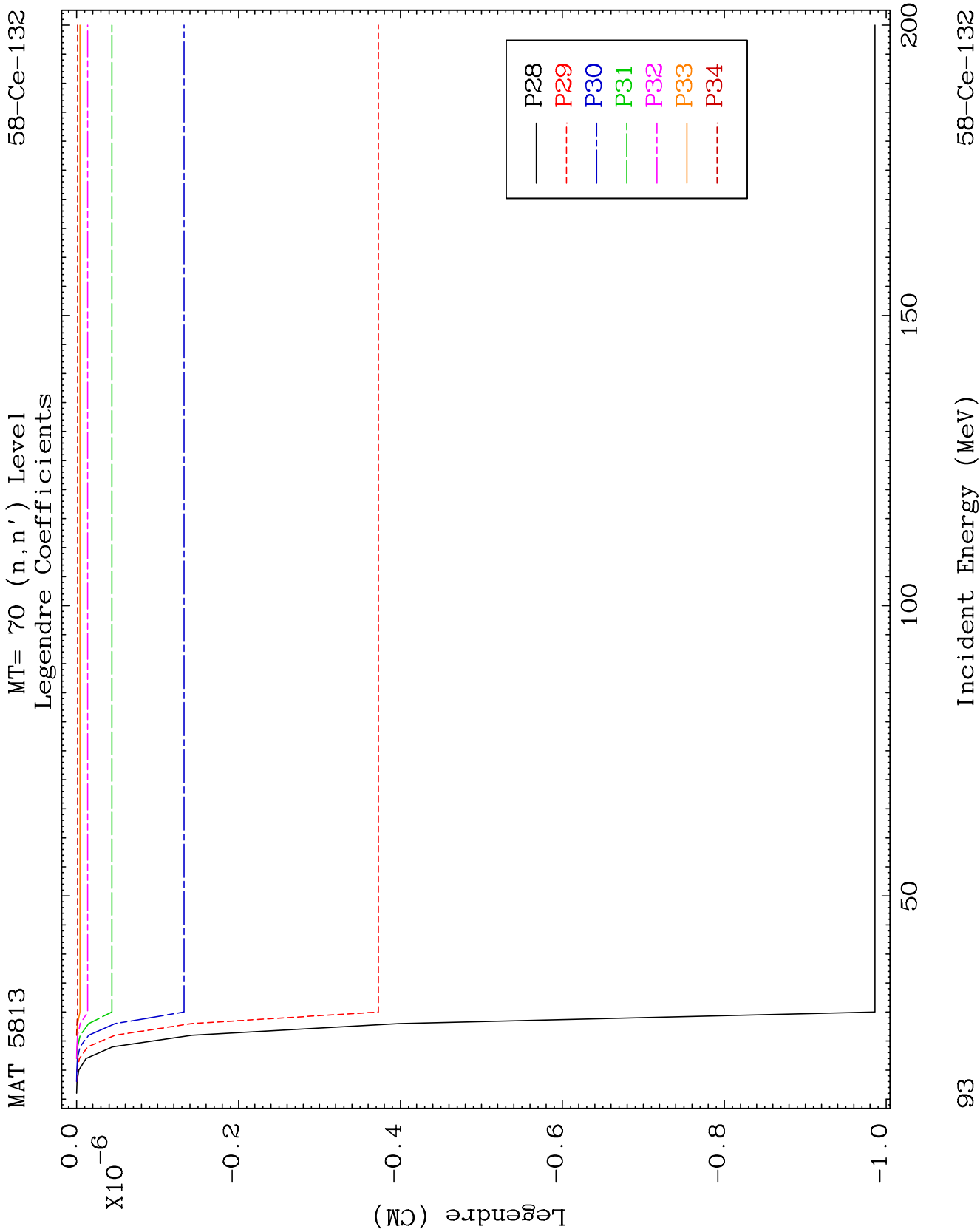


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Incident Energy (MeV)

58-Ce-132

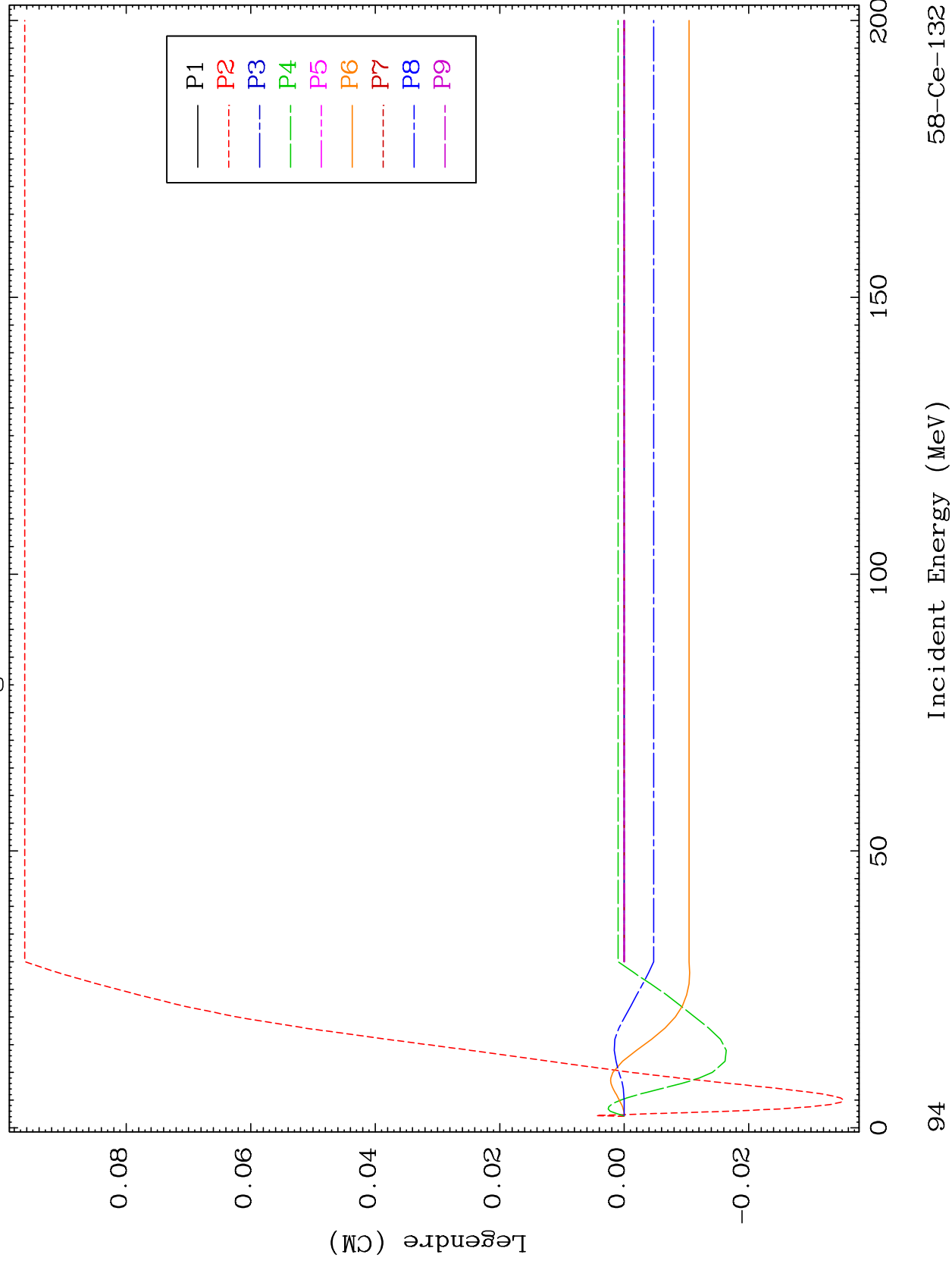




MAT 5813

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

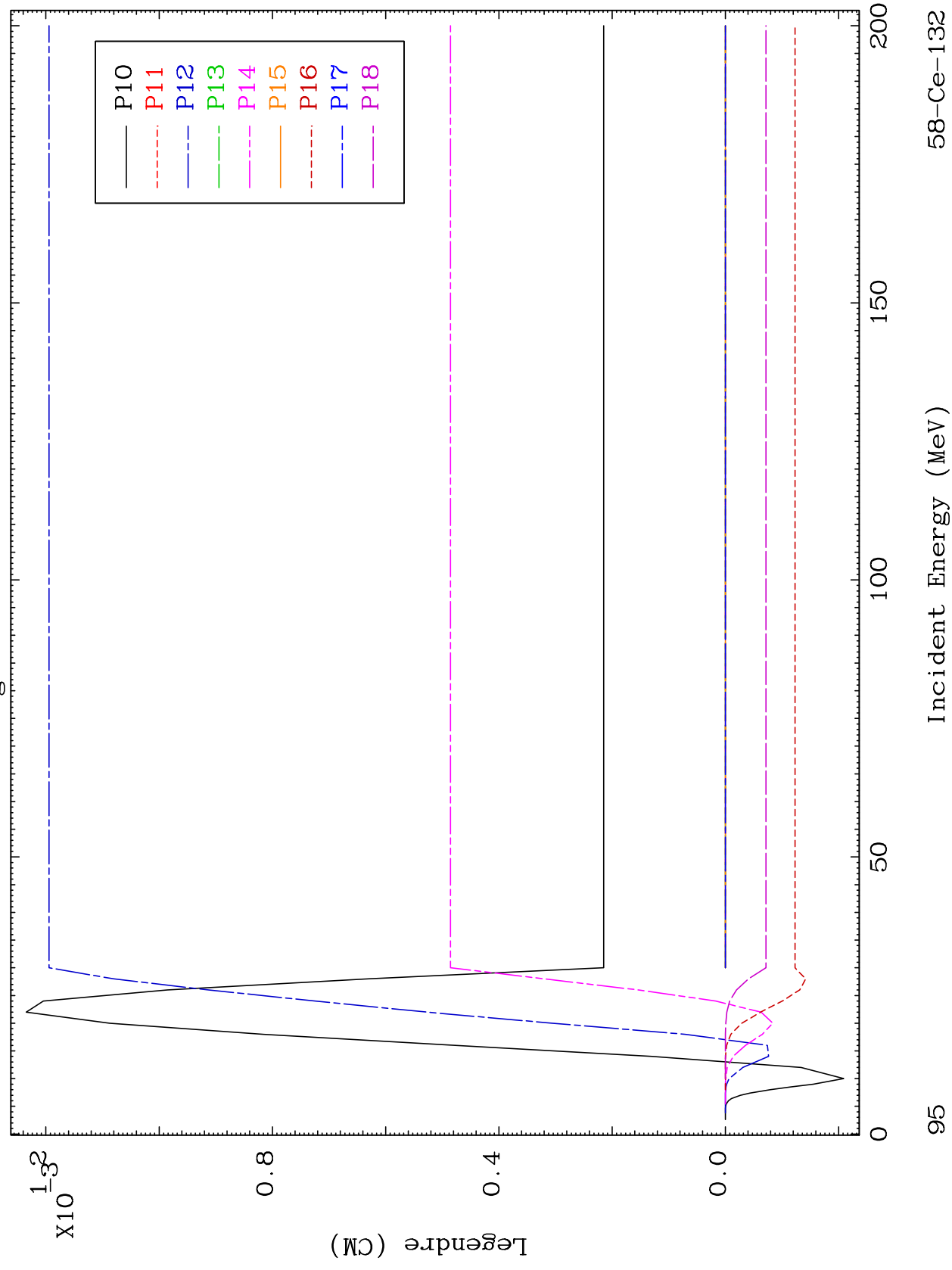
58-Ce-132

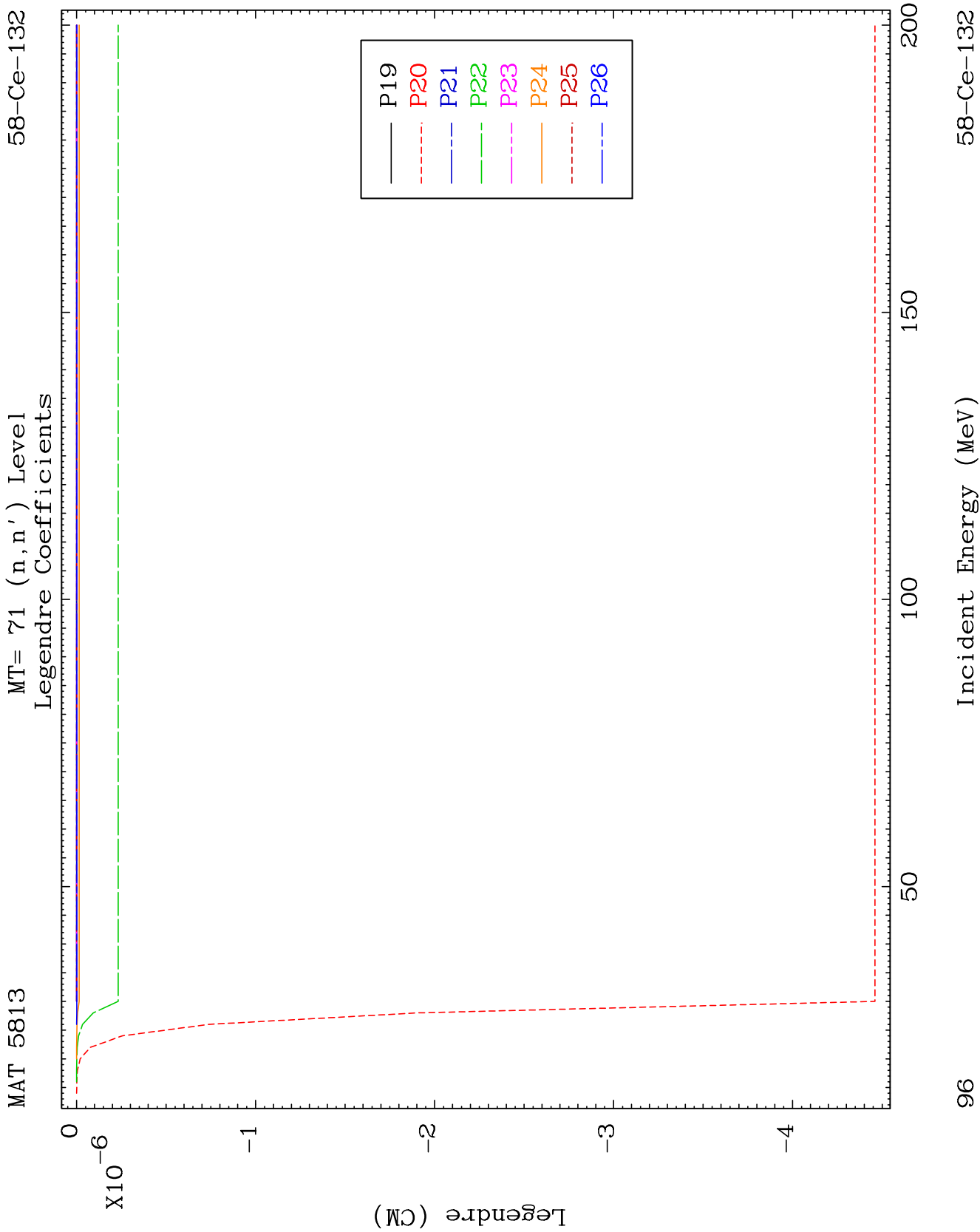


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MT= 71 (n, n') Level
Legendre Coefficients

58-Ce-132

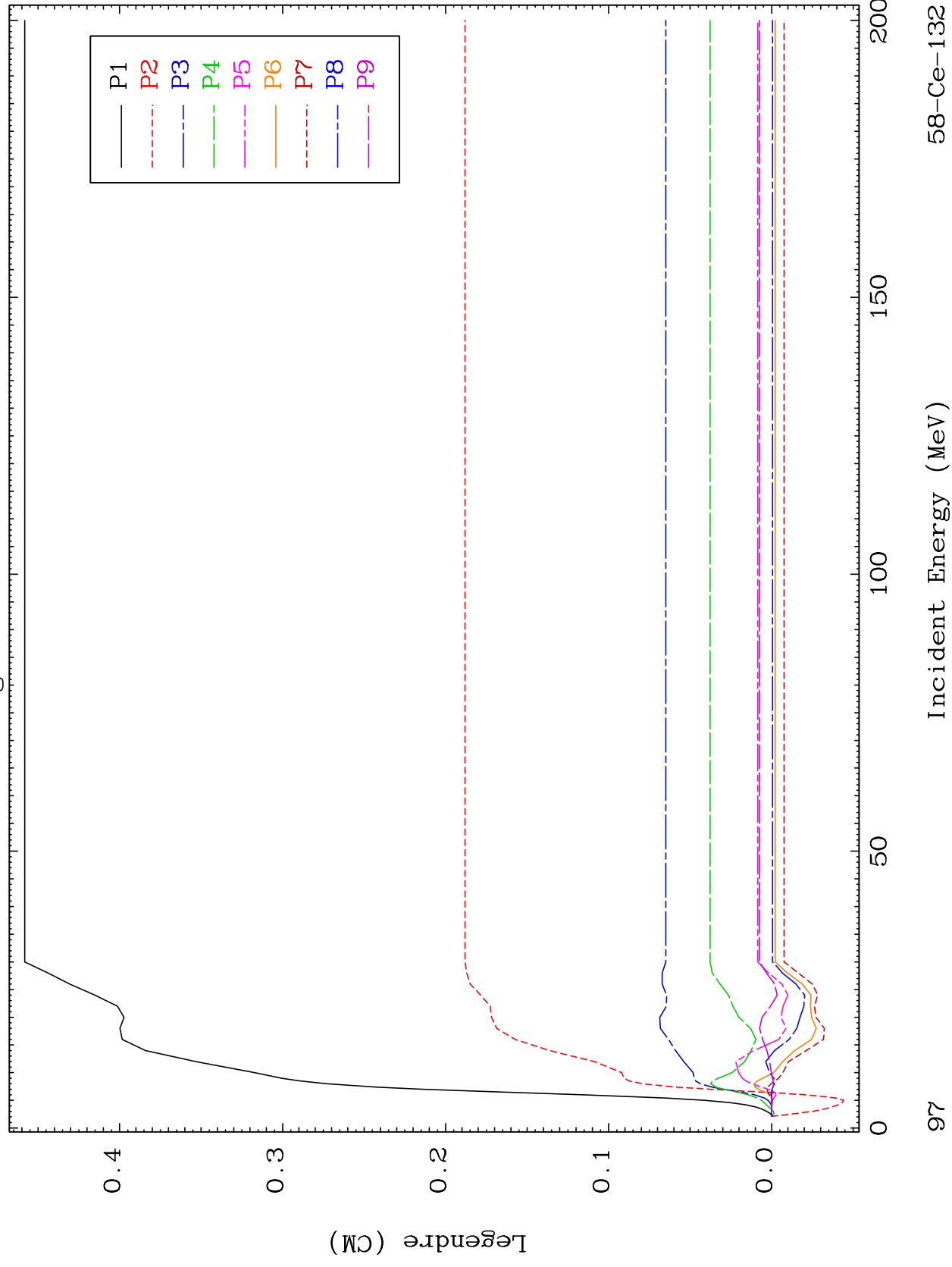


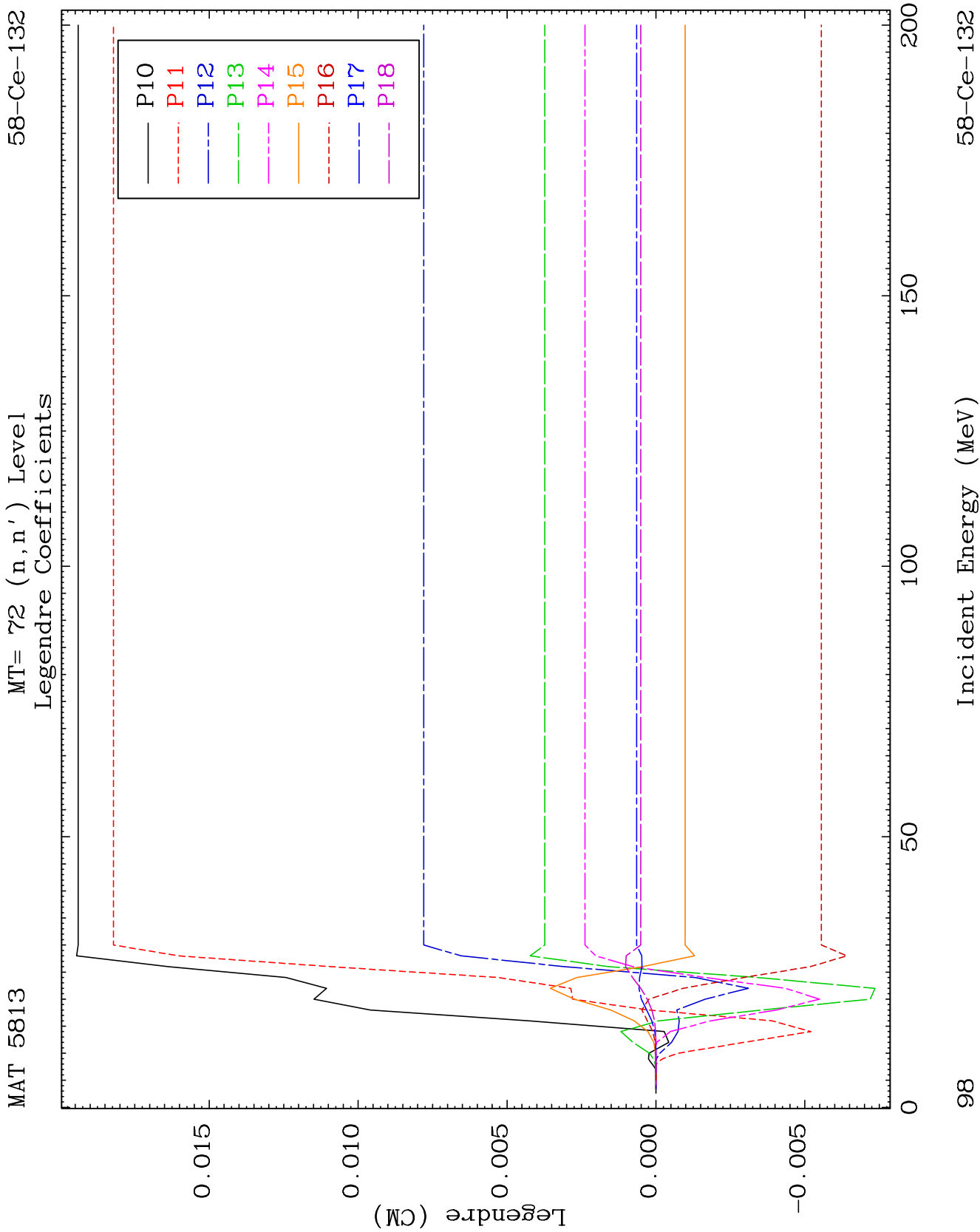


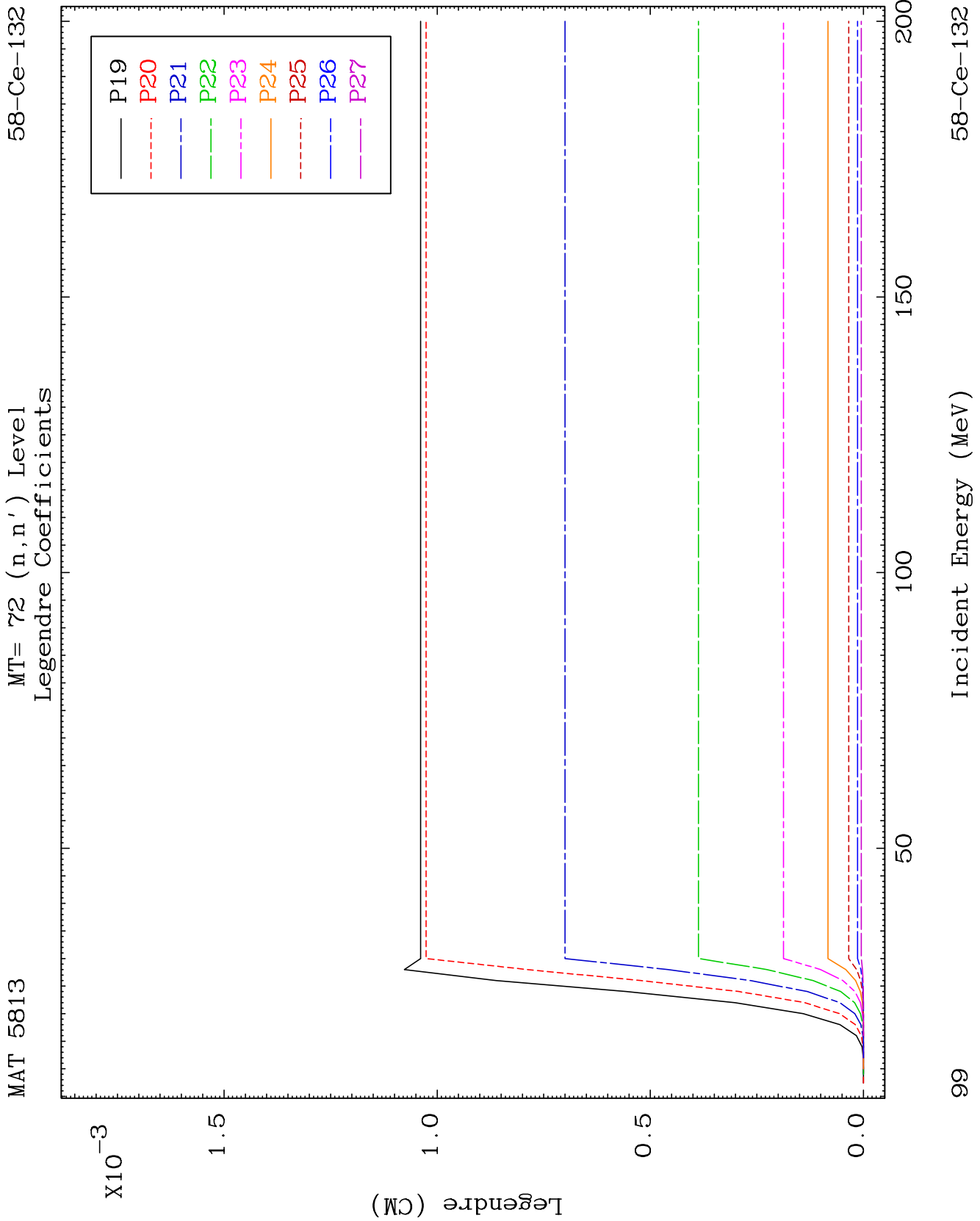
MAT 5813

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

58-Ce-132



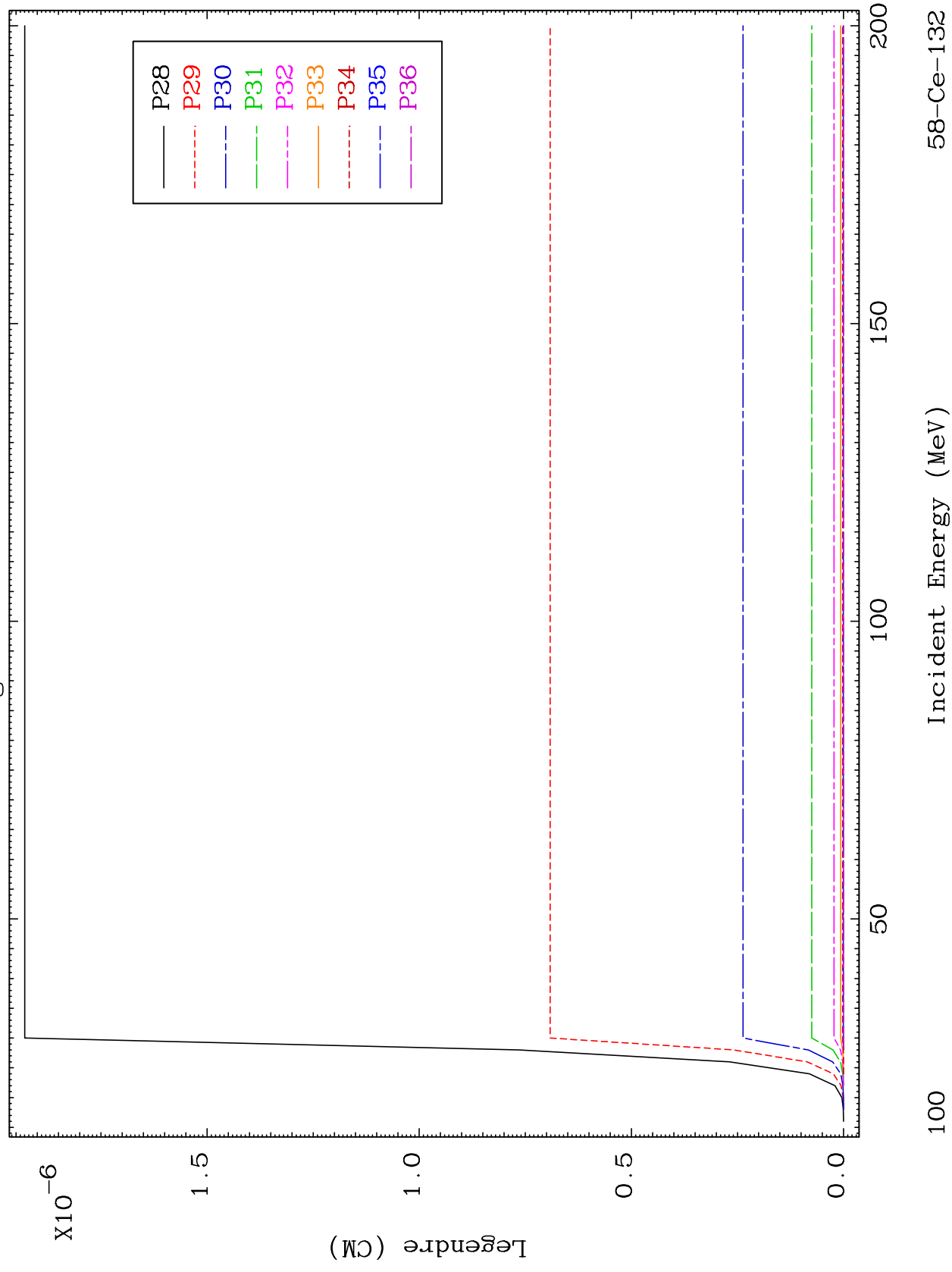


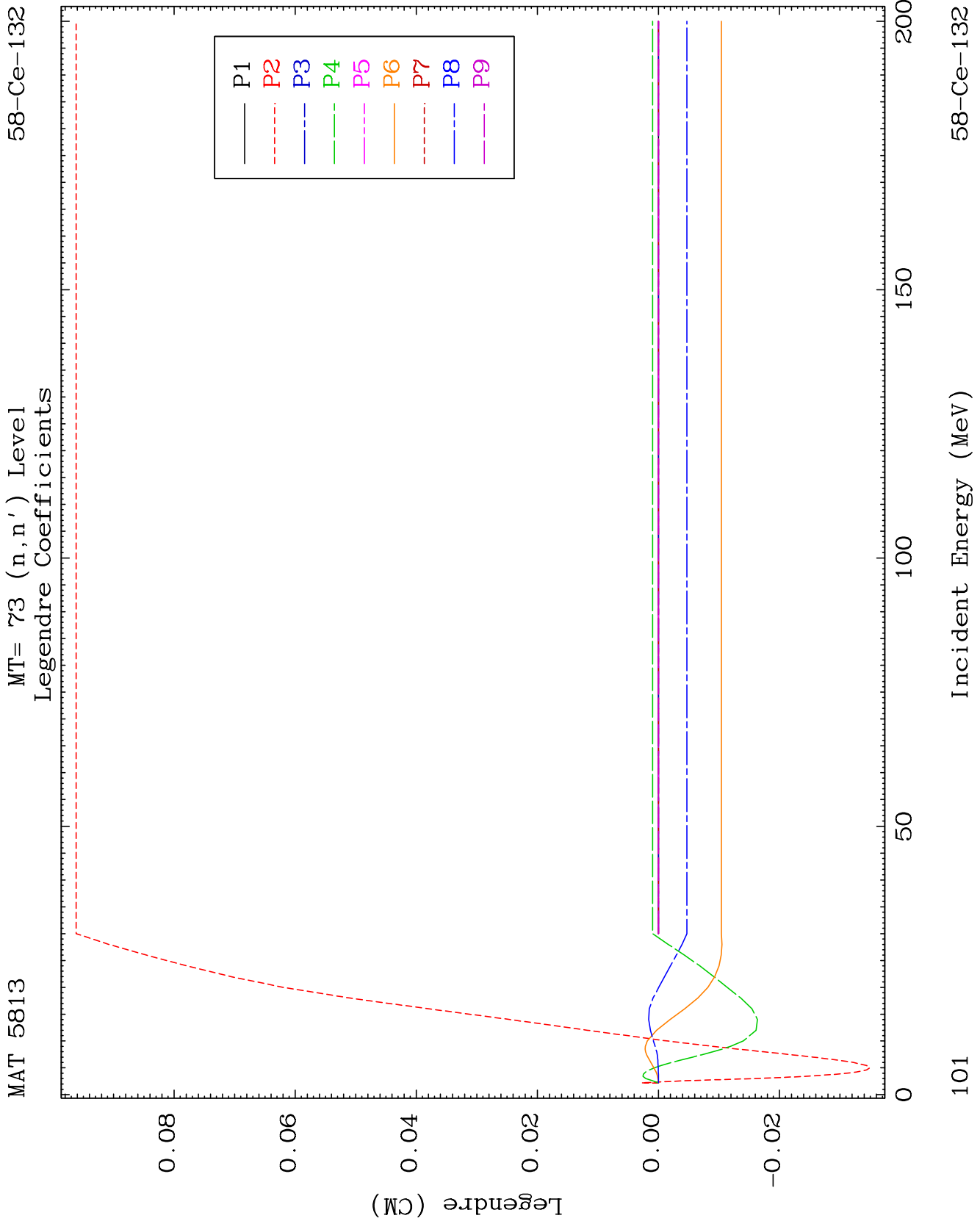


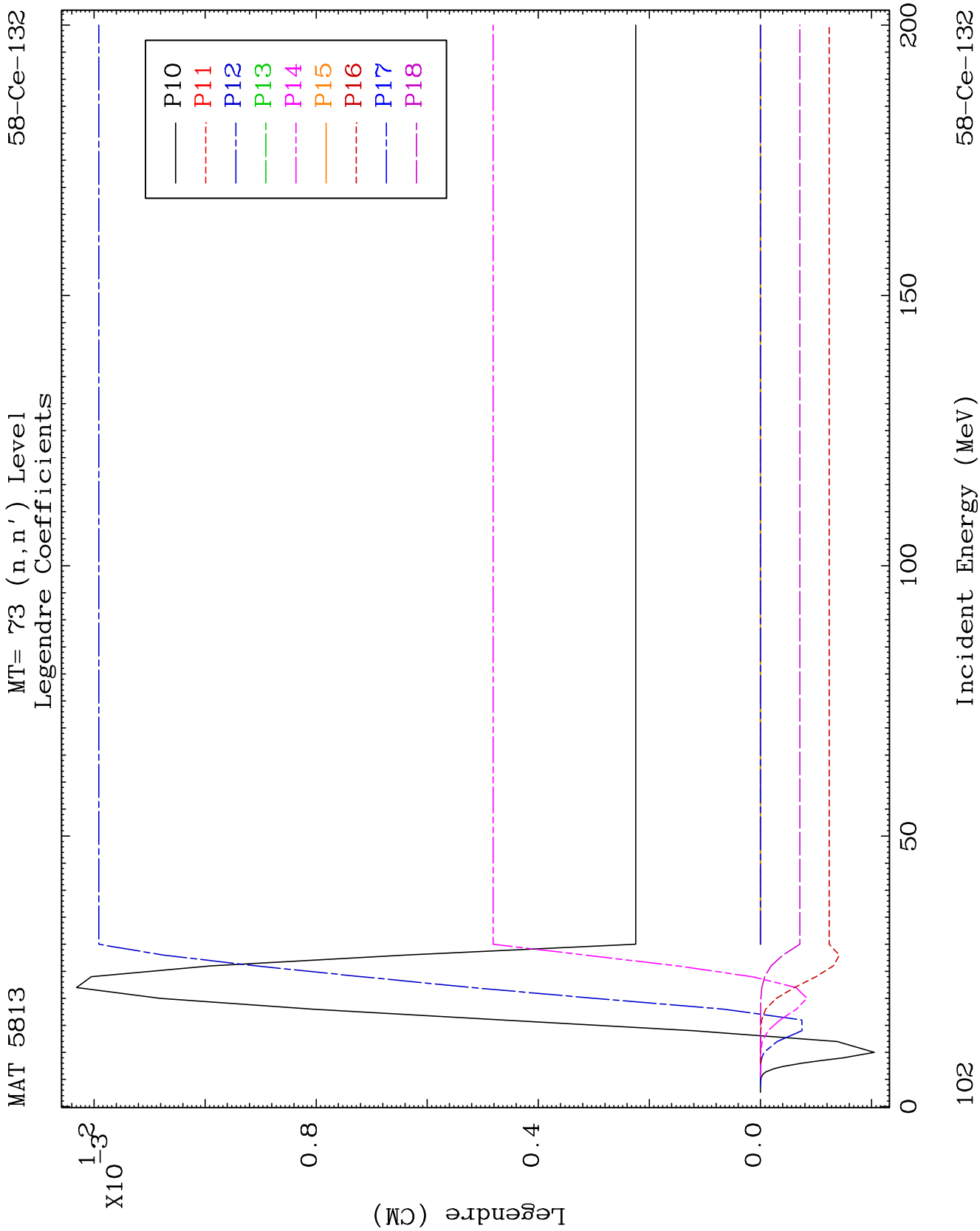
MAT 5813

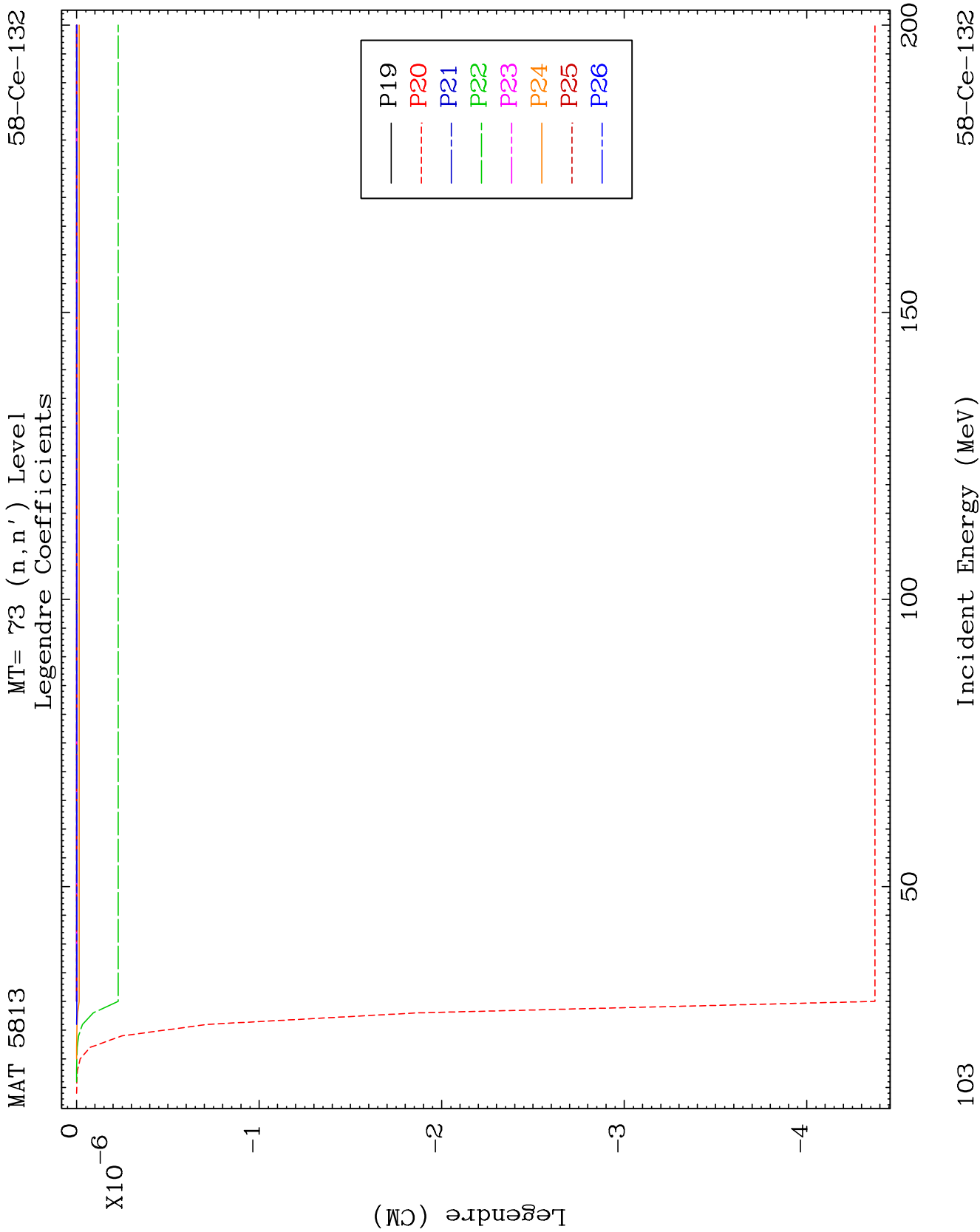
MT= 72 (n, n') Level
Legendre Coefficients

58-Ce-132





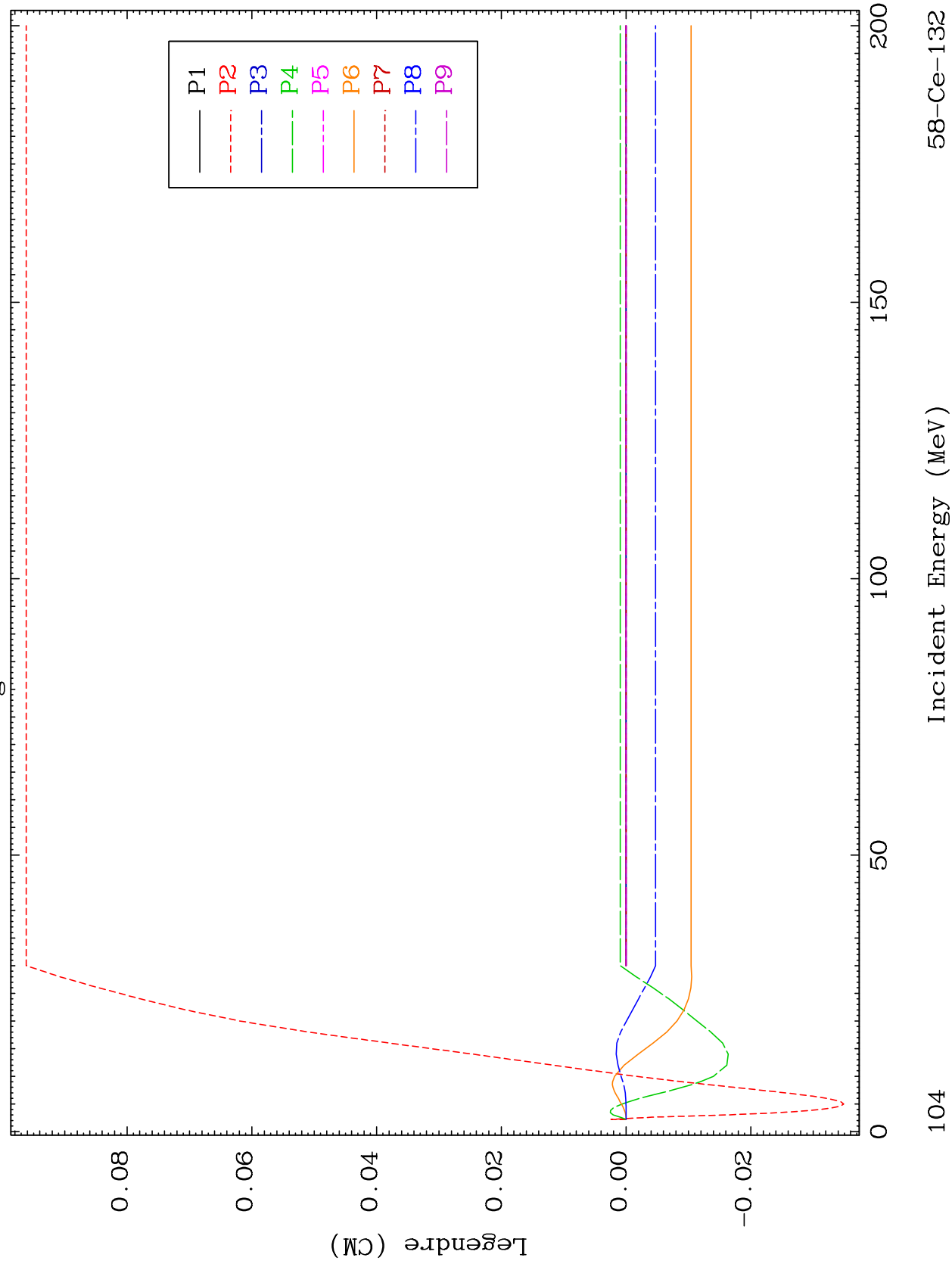


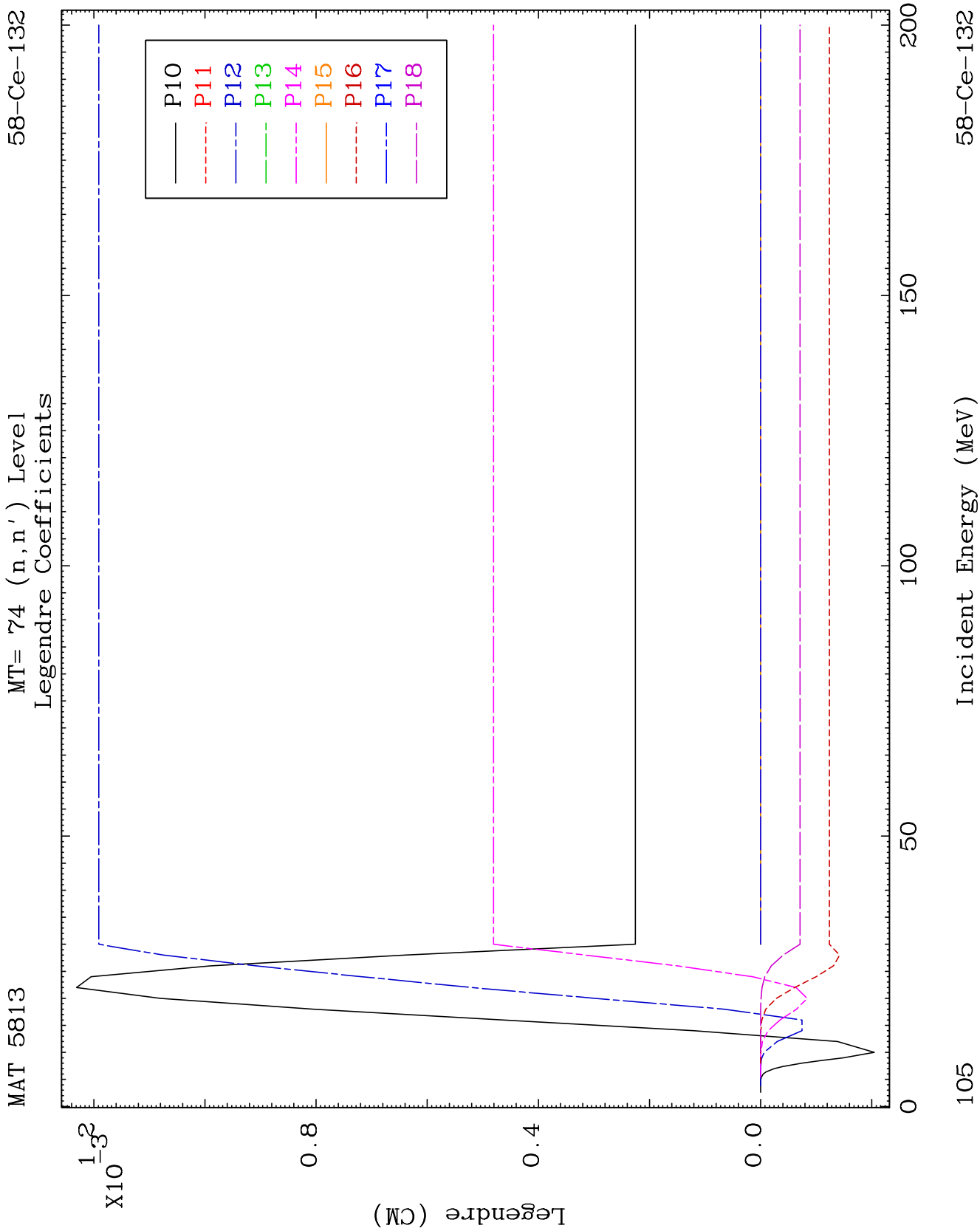


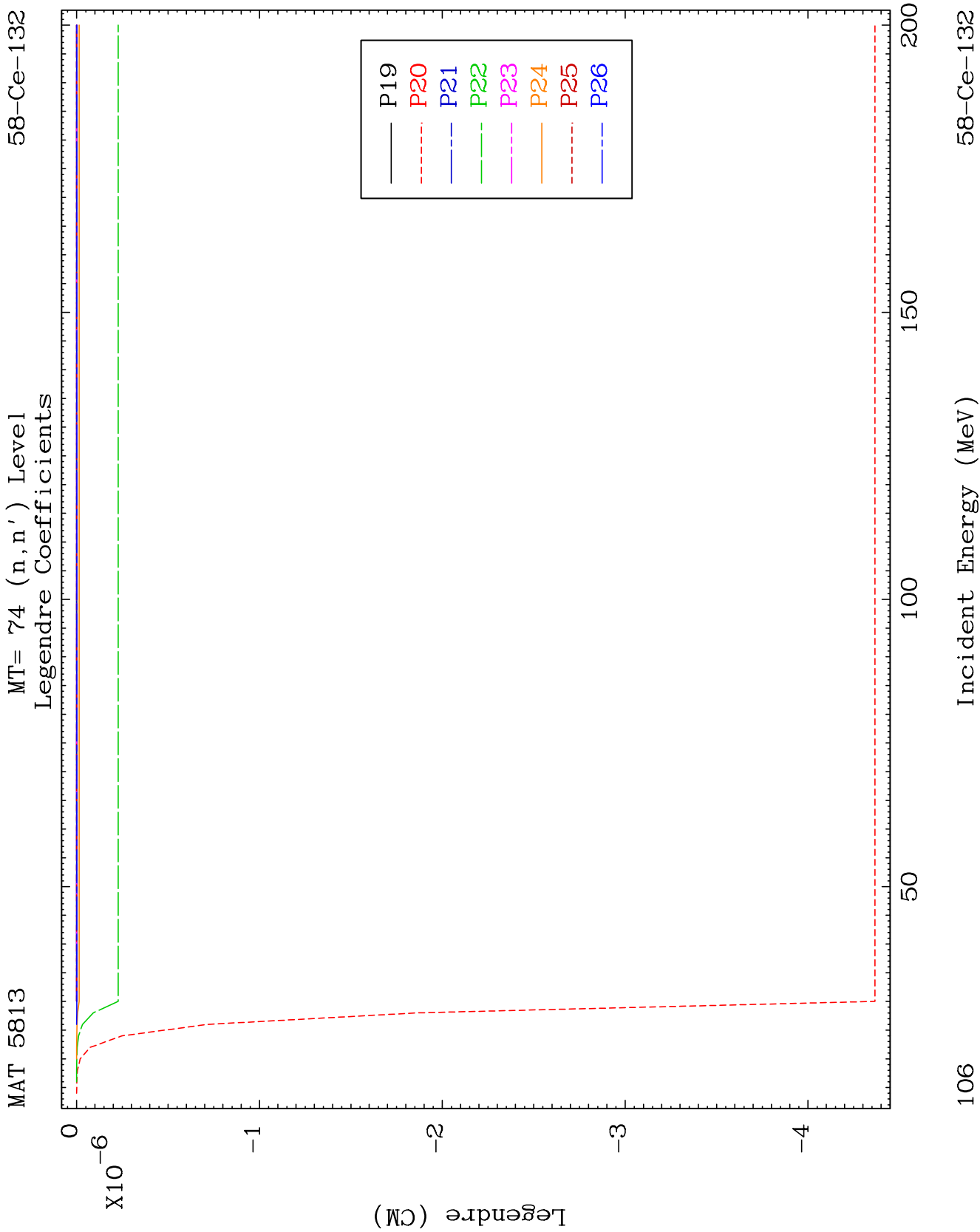
MAT 5813

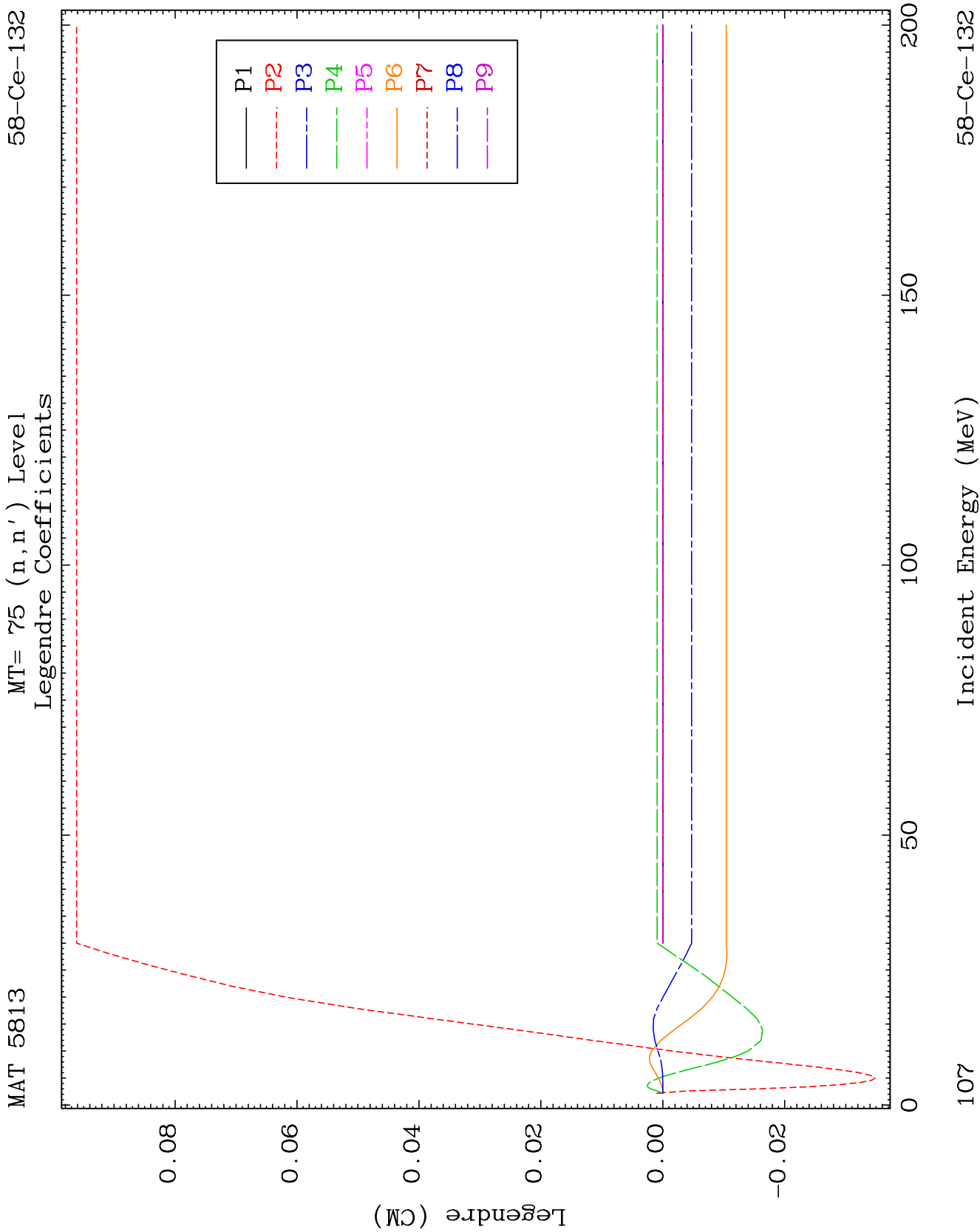
MT= 74 (n, n') Level
Legendre Coefficients

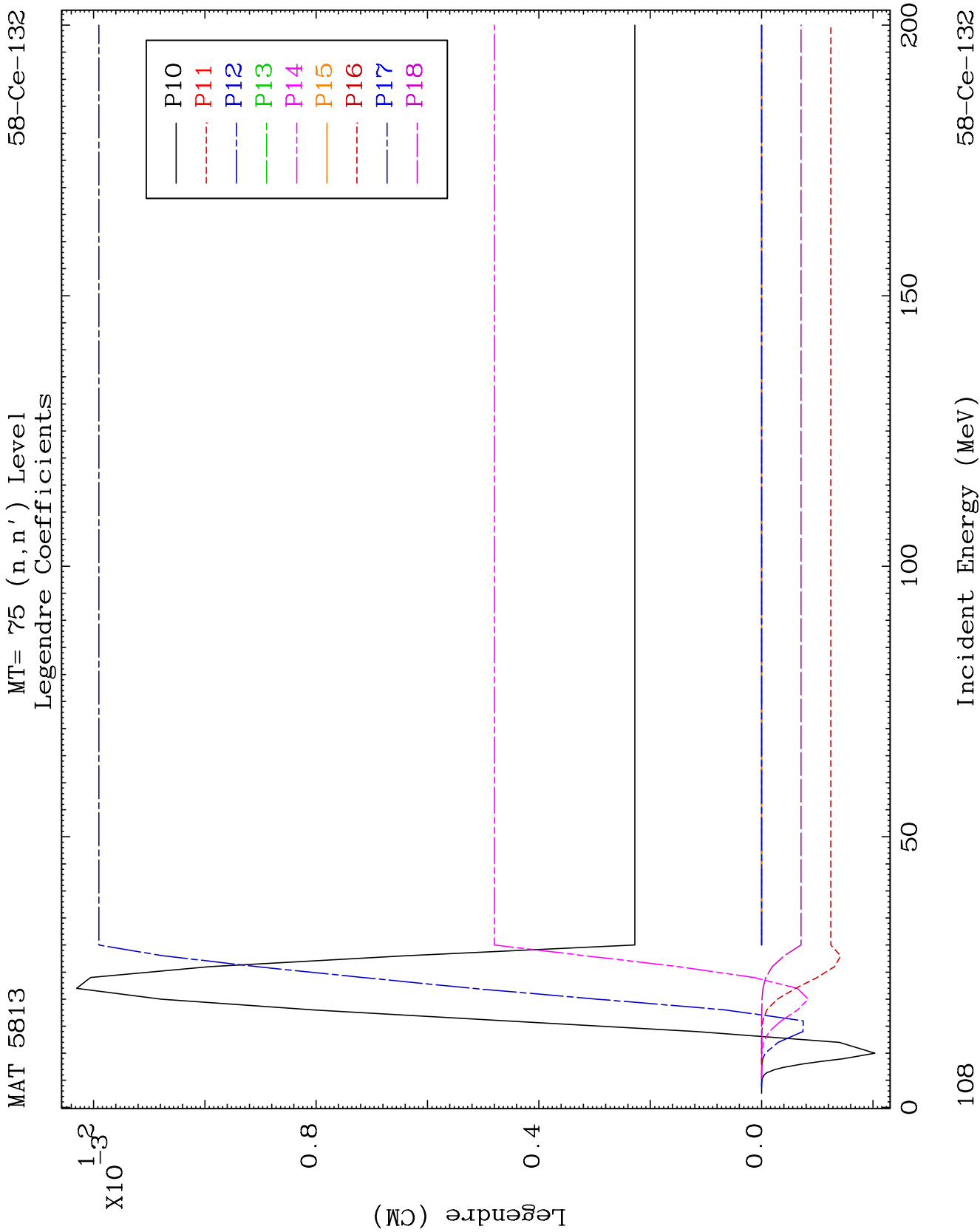
58-Ce-132

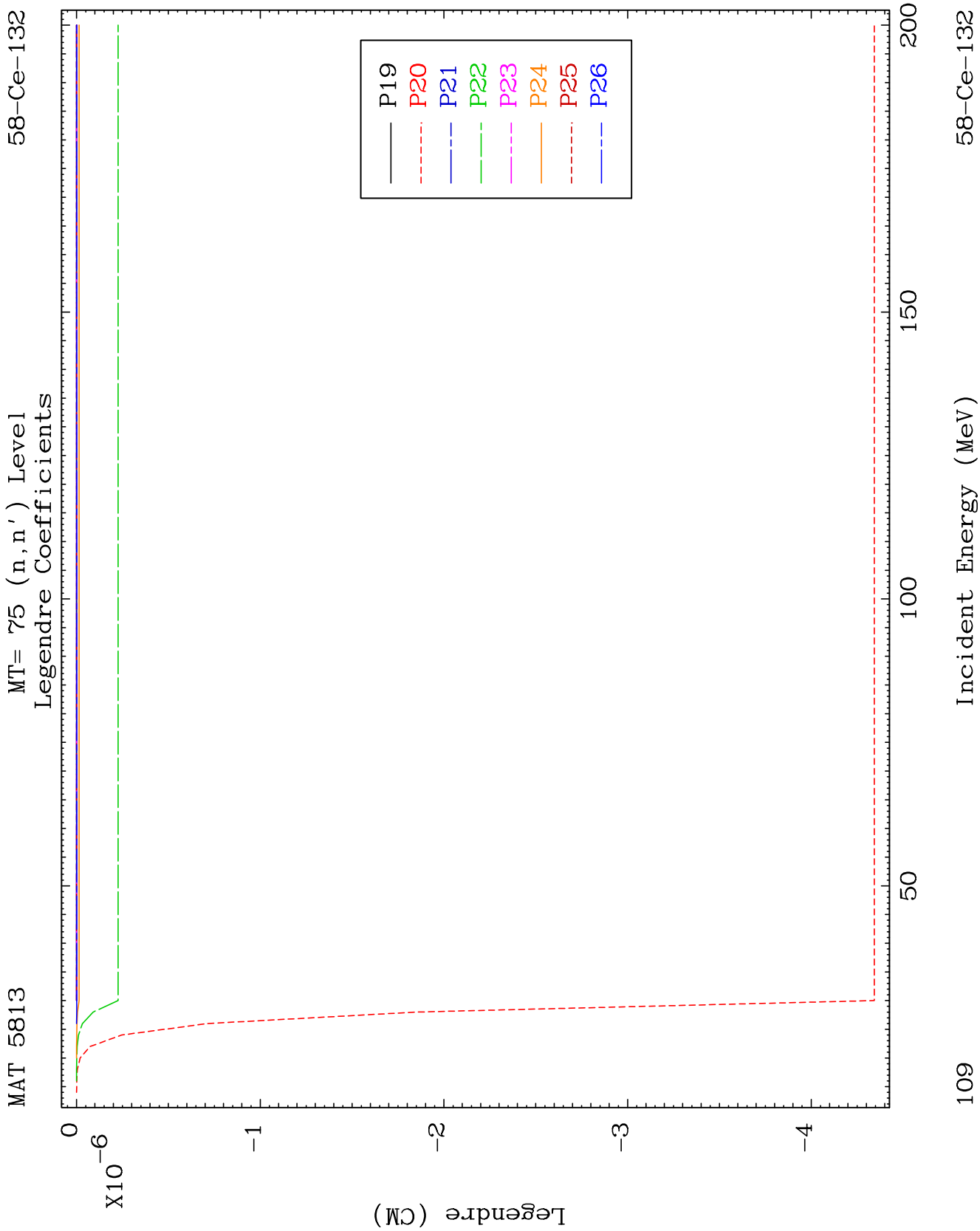


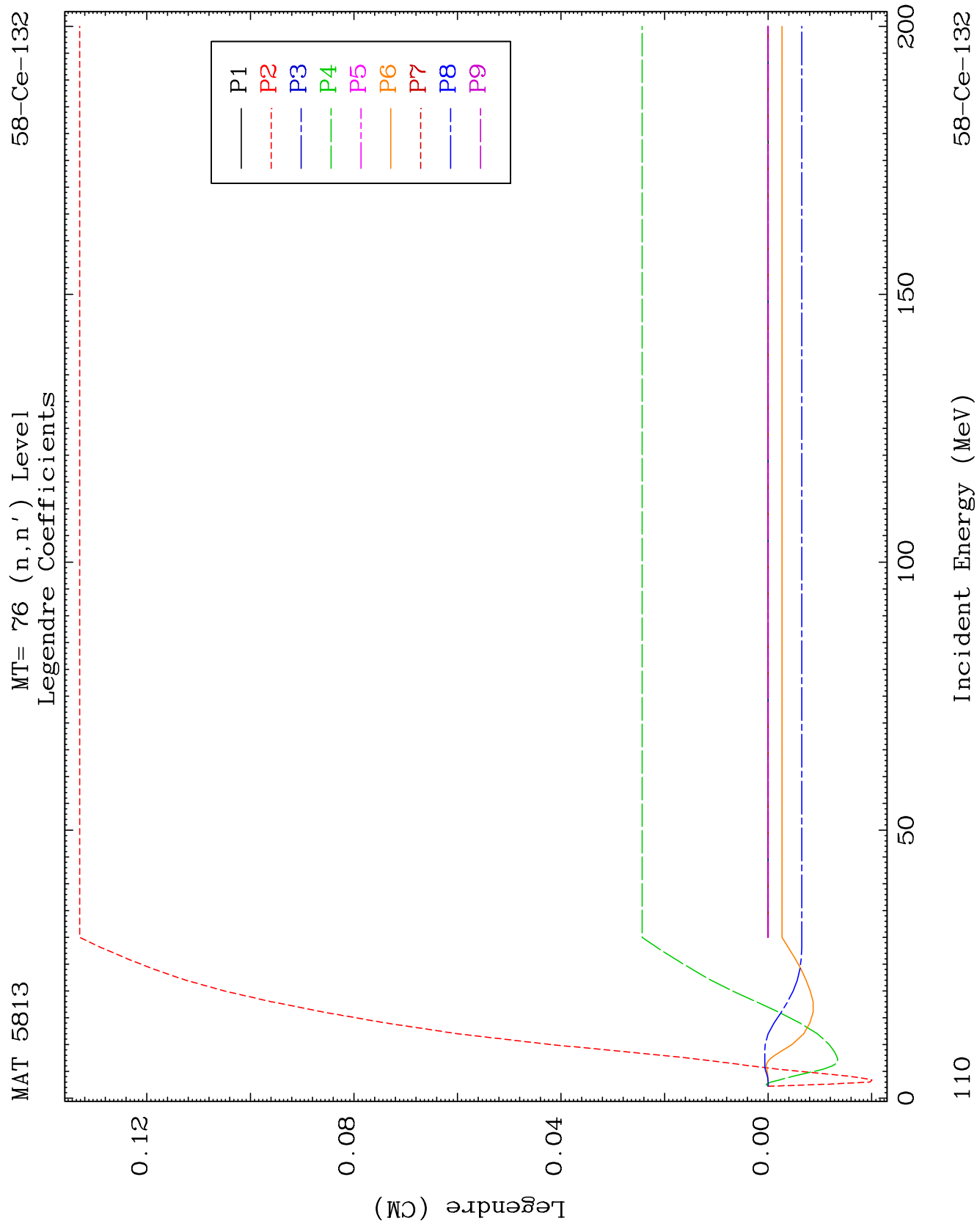


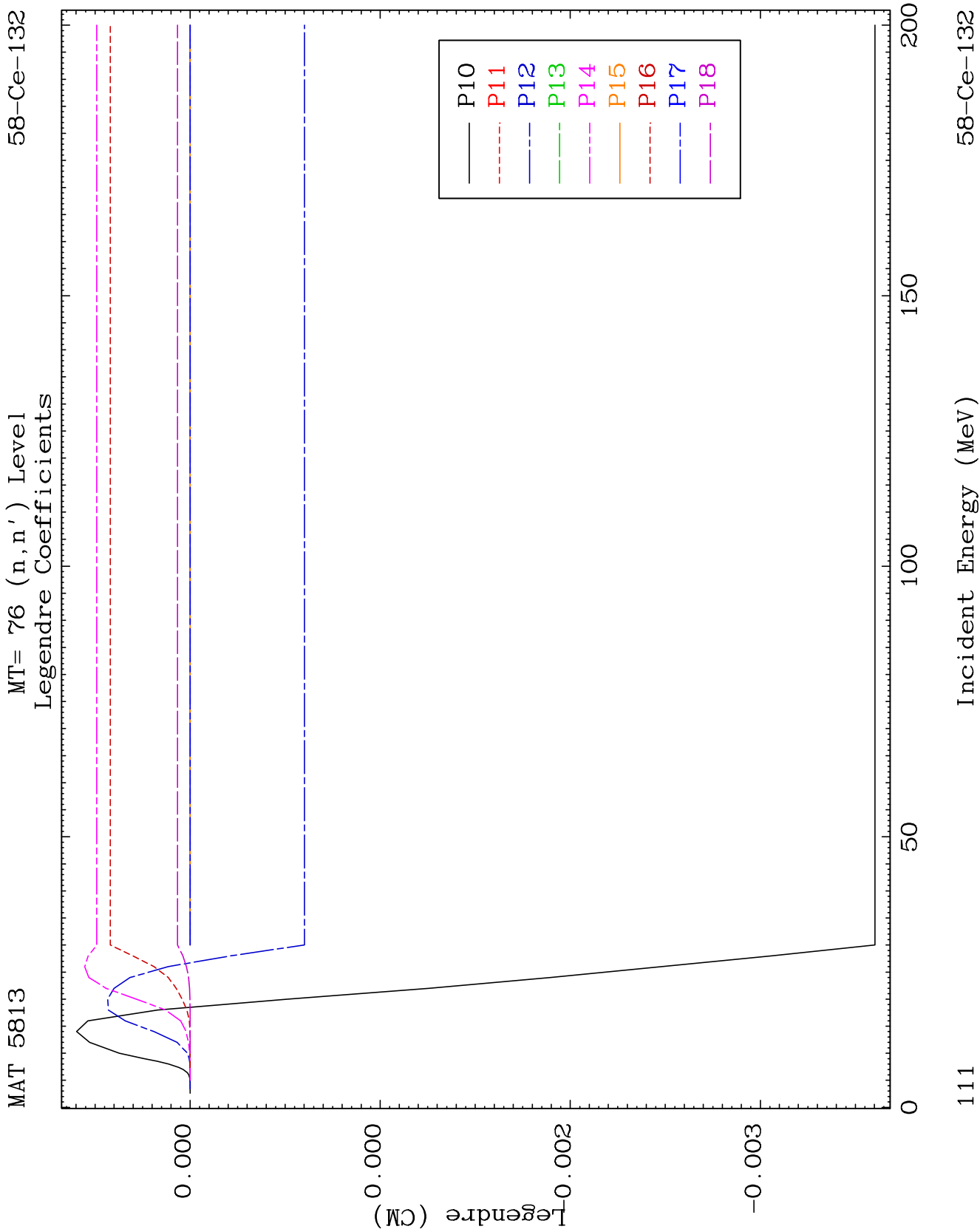


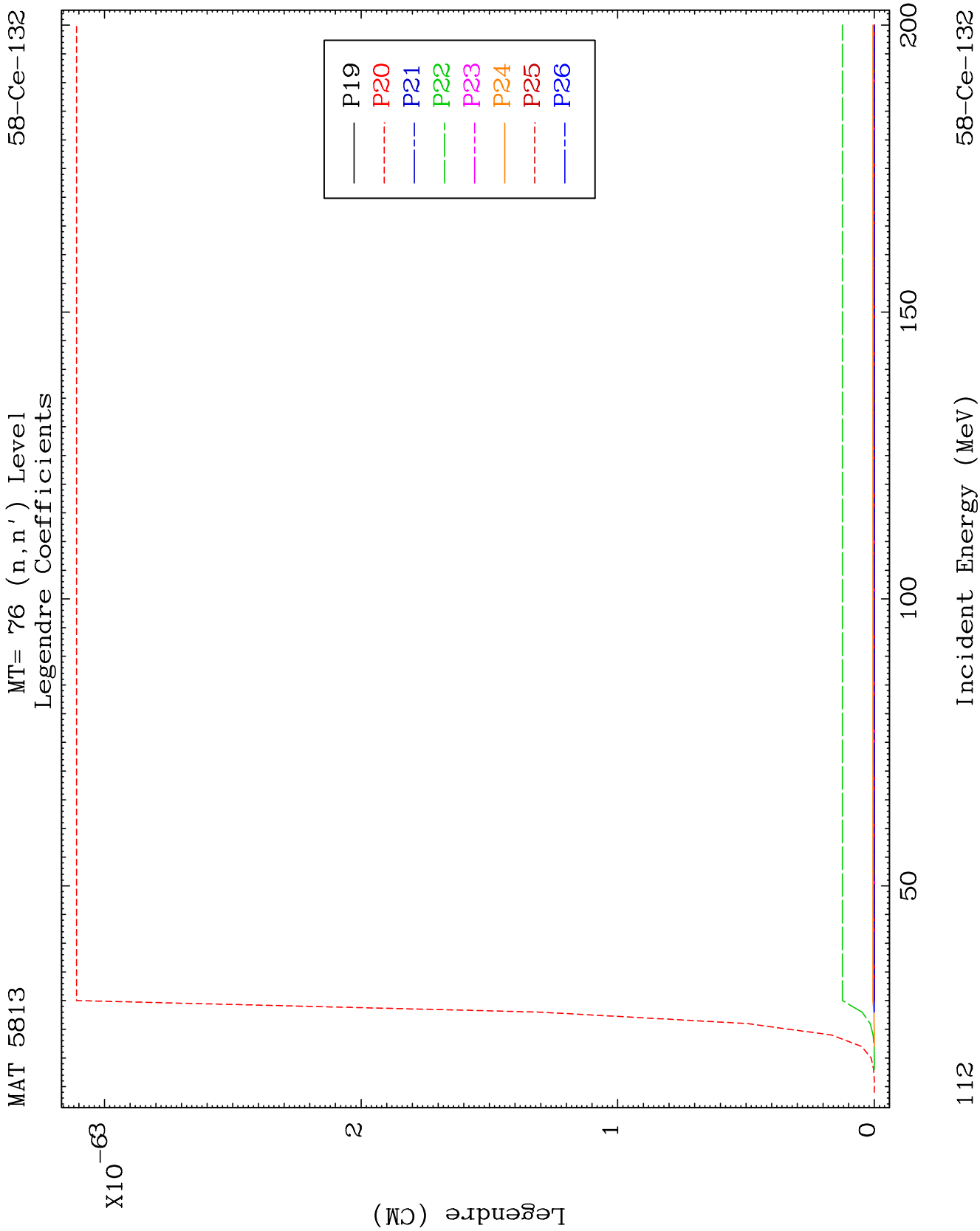


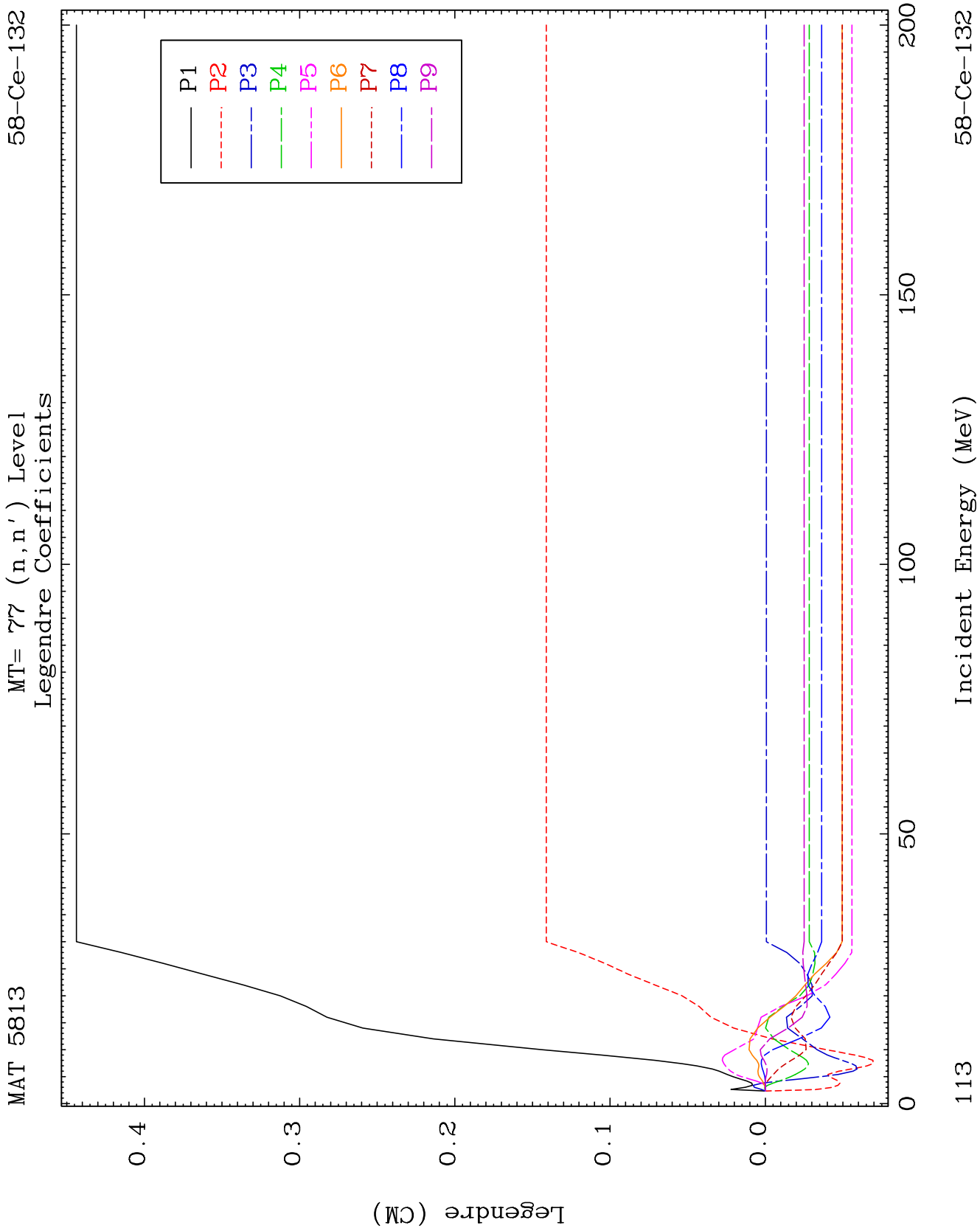


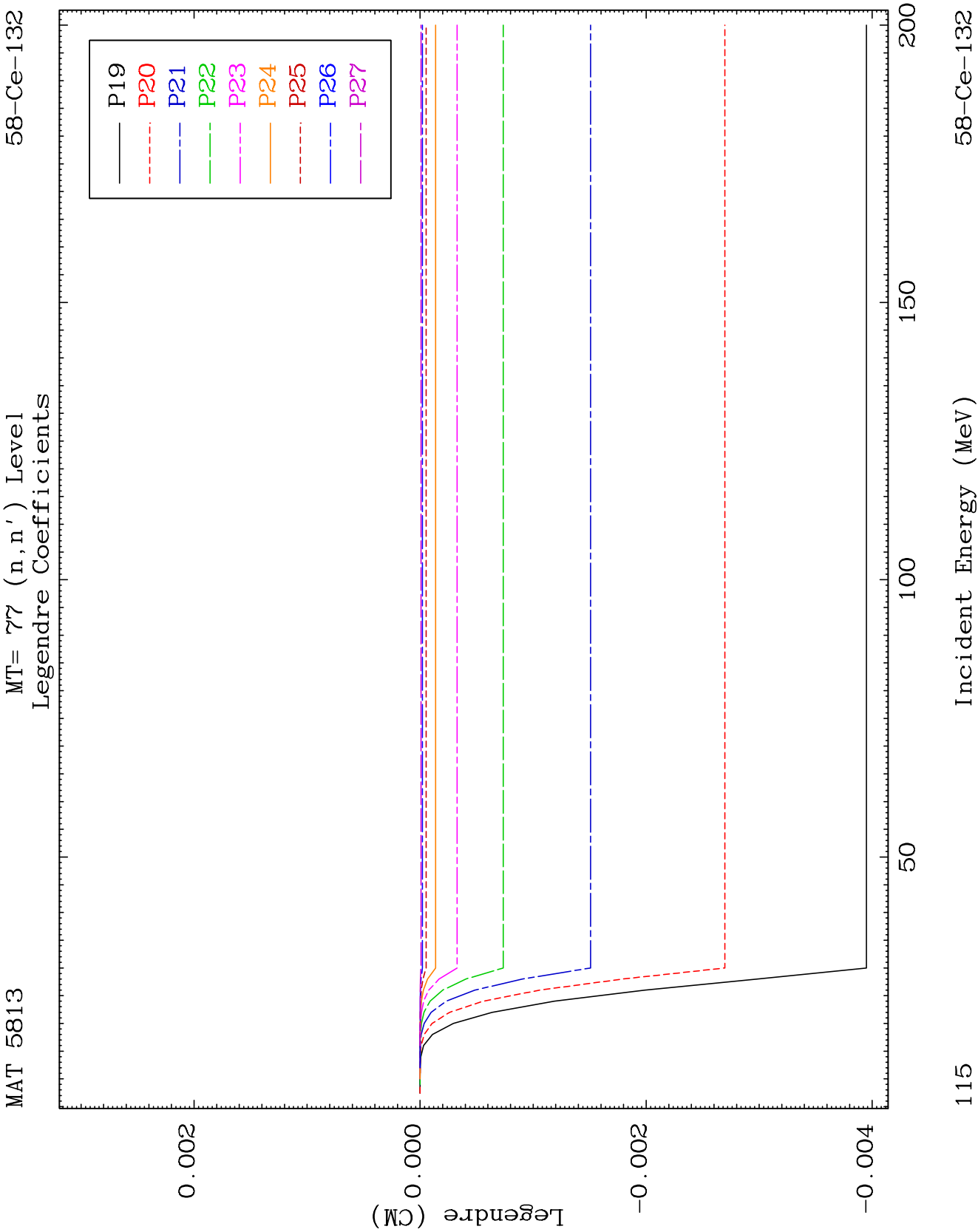


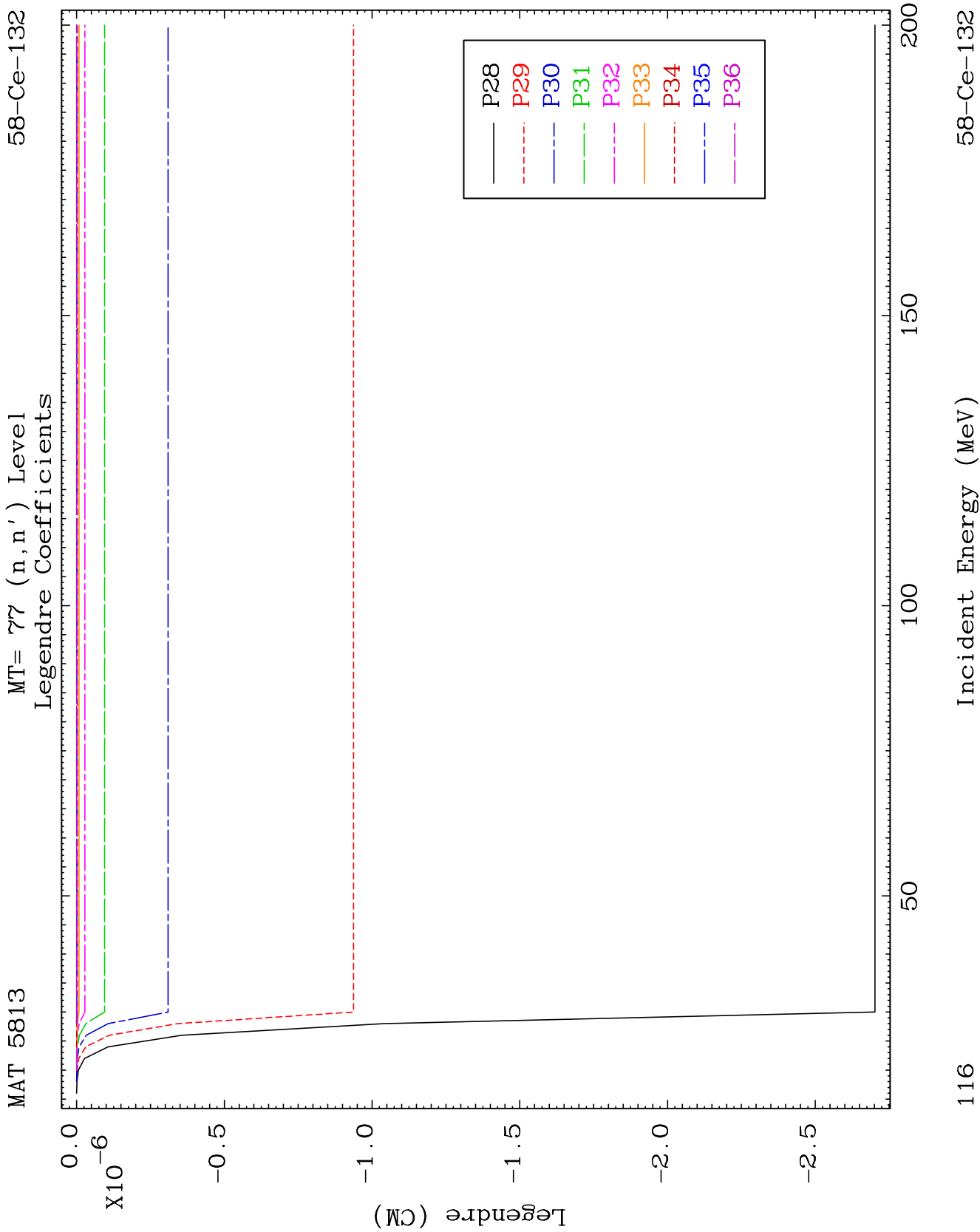


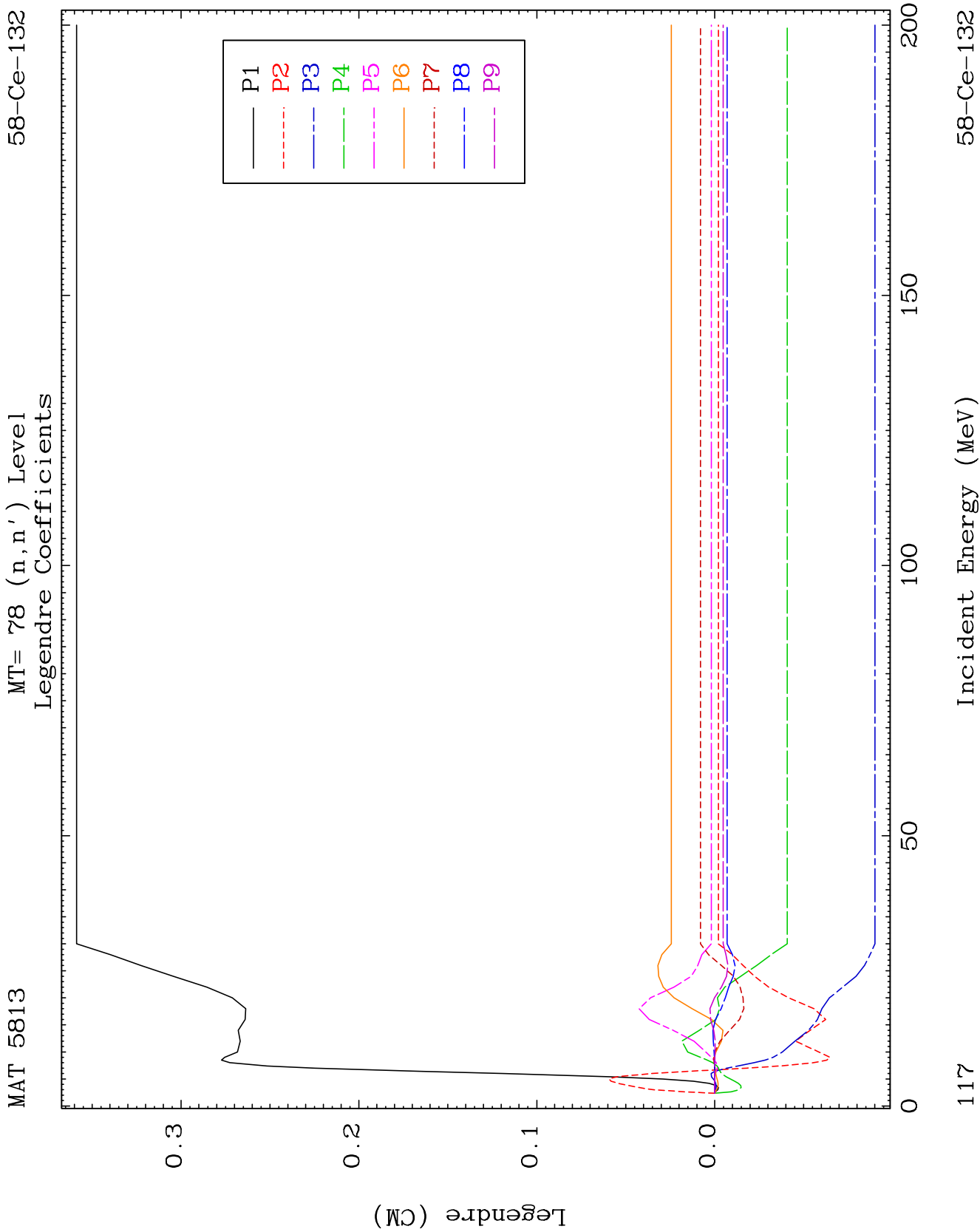








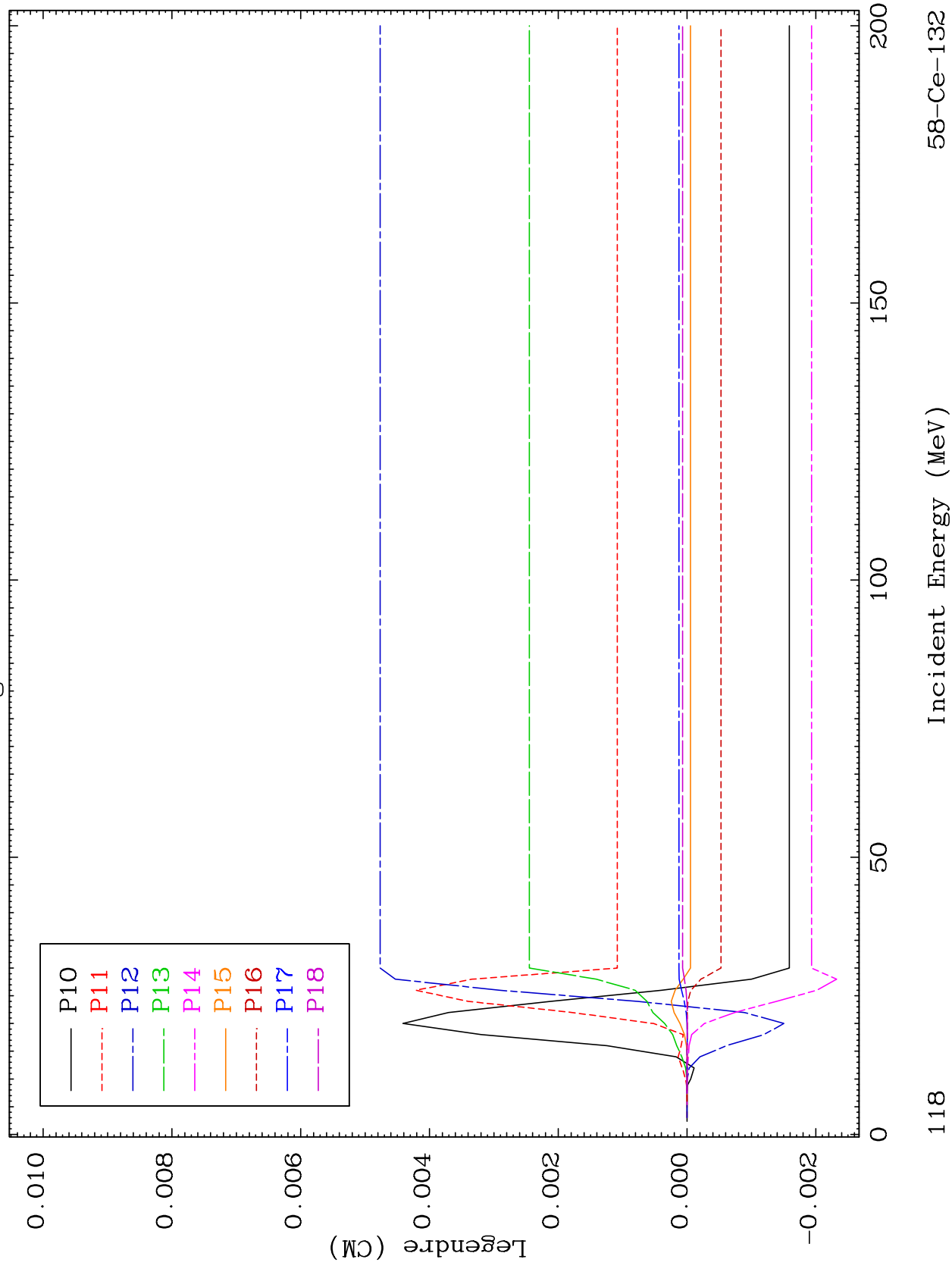


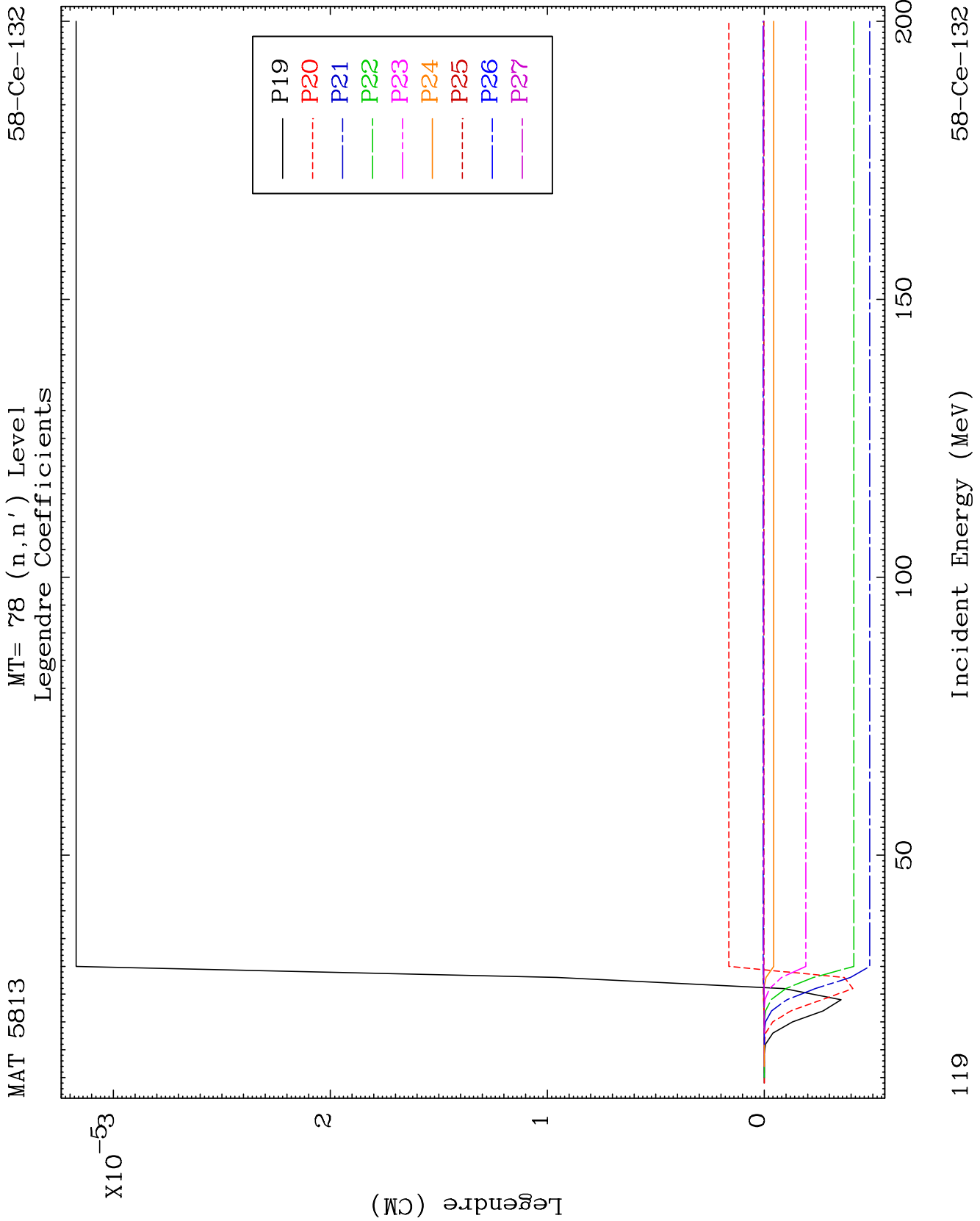


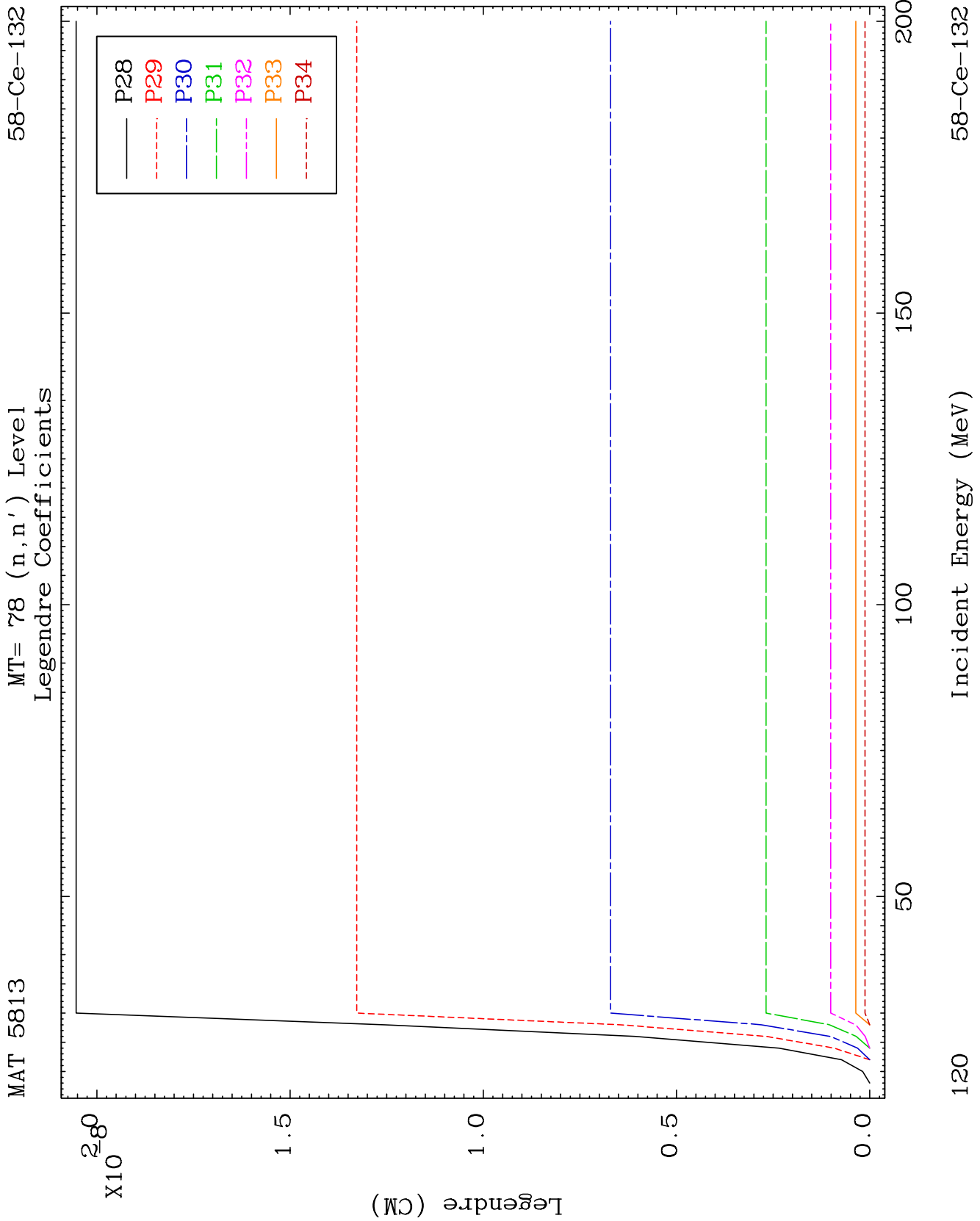
MAT 5813

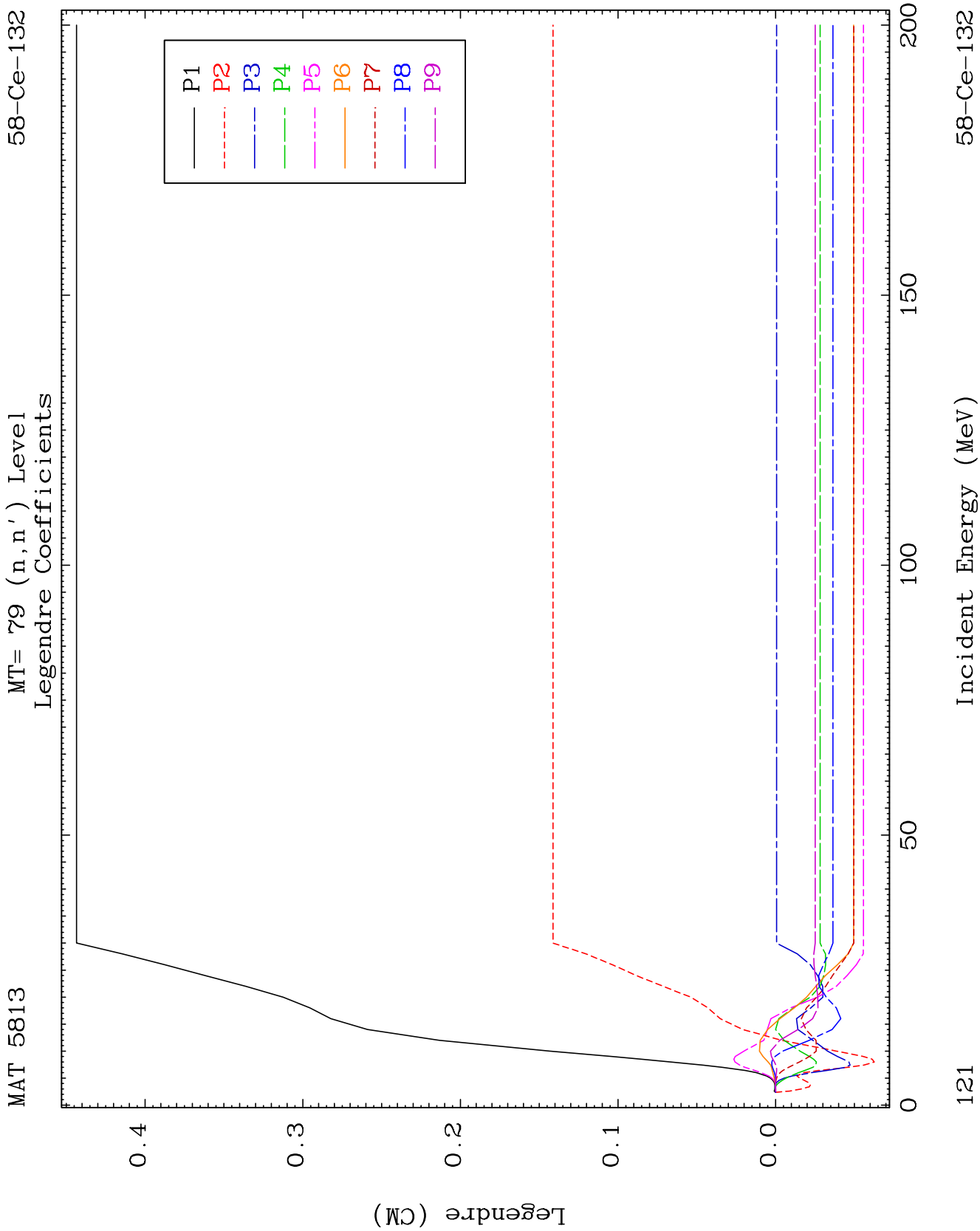
MT= 78 (n, n') Level
Legendre Coefficients

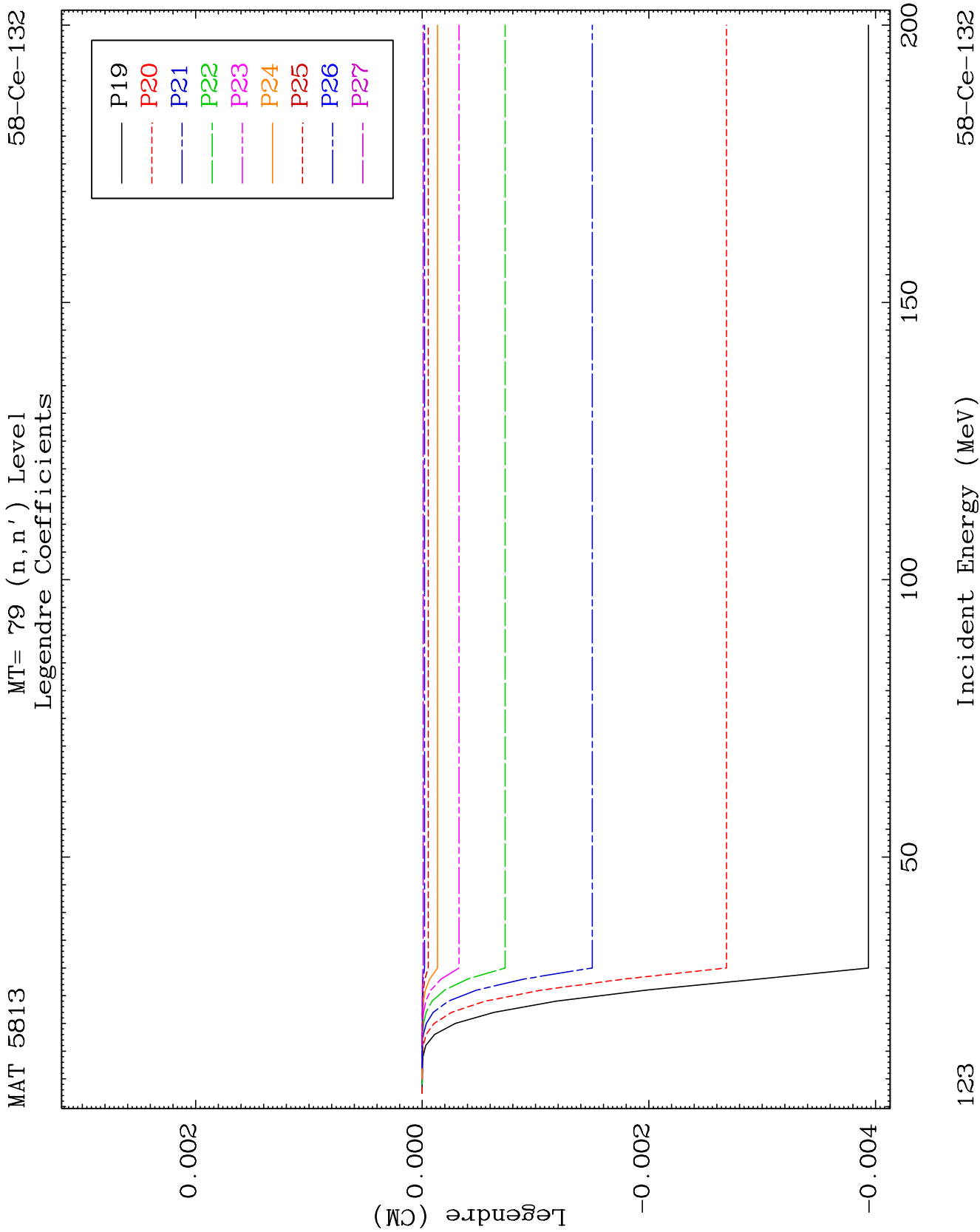
58-Ce-132

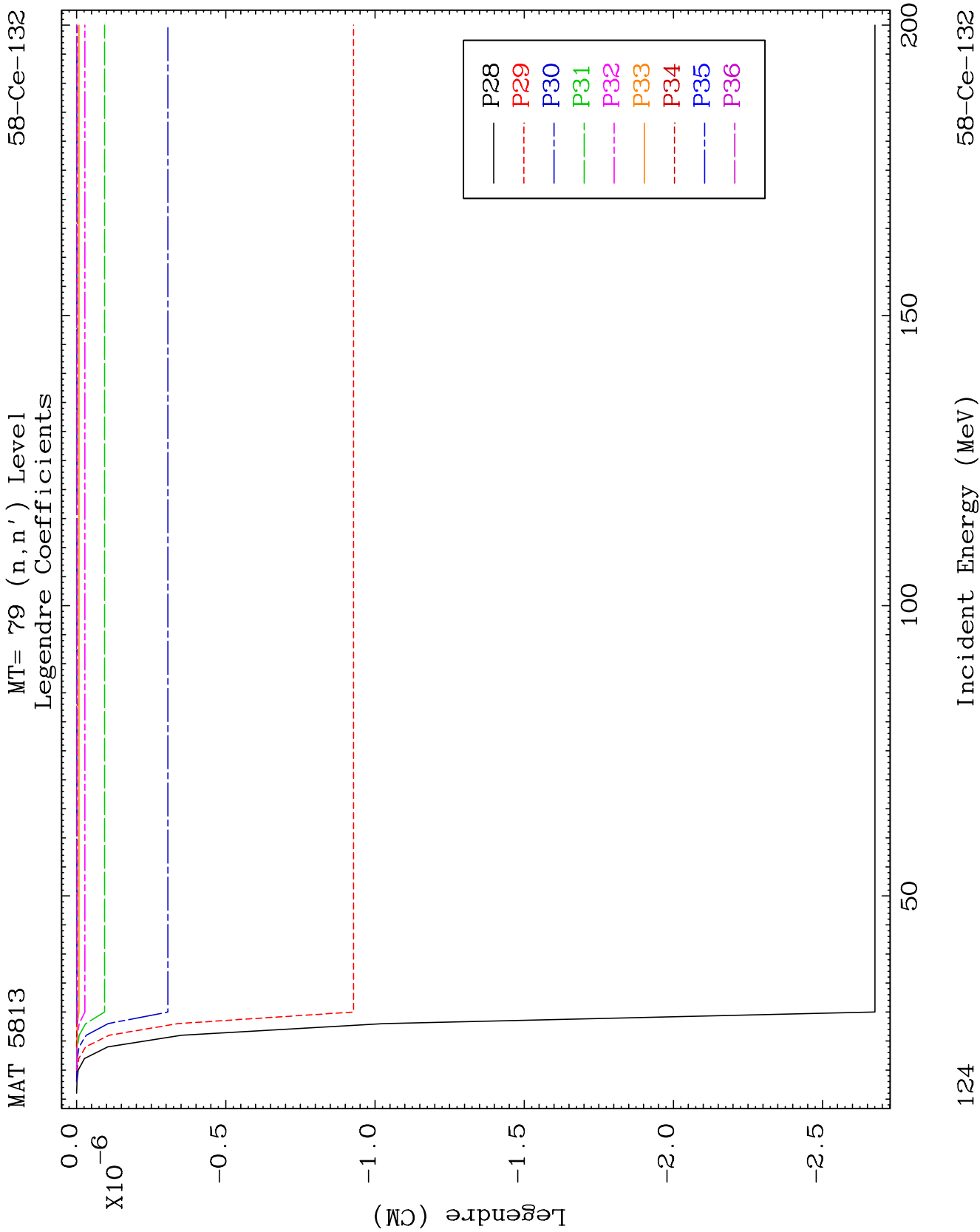


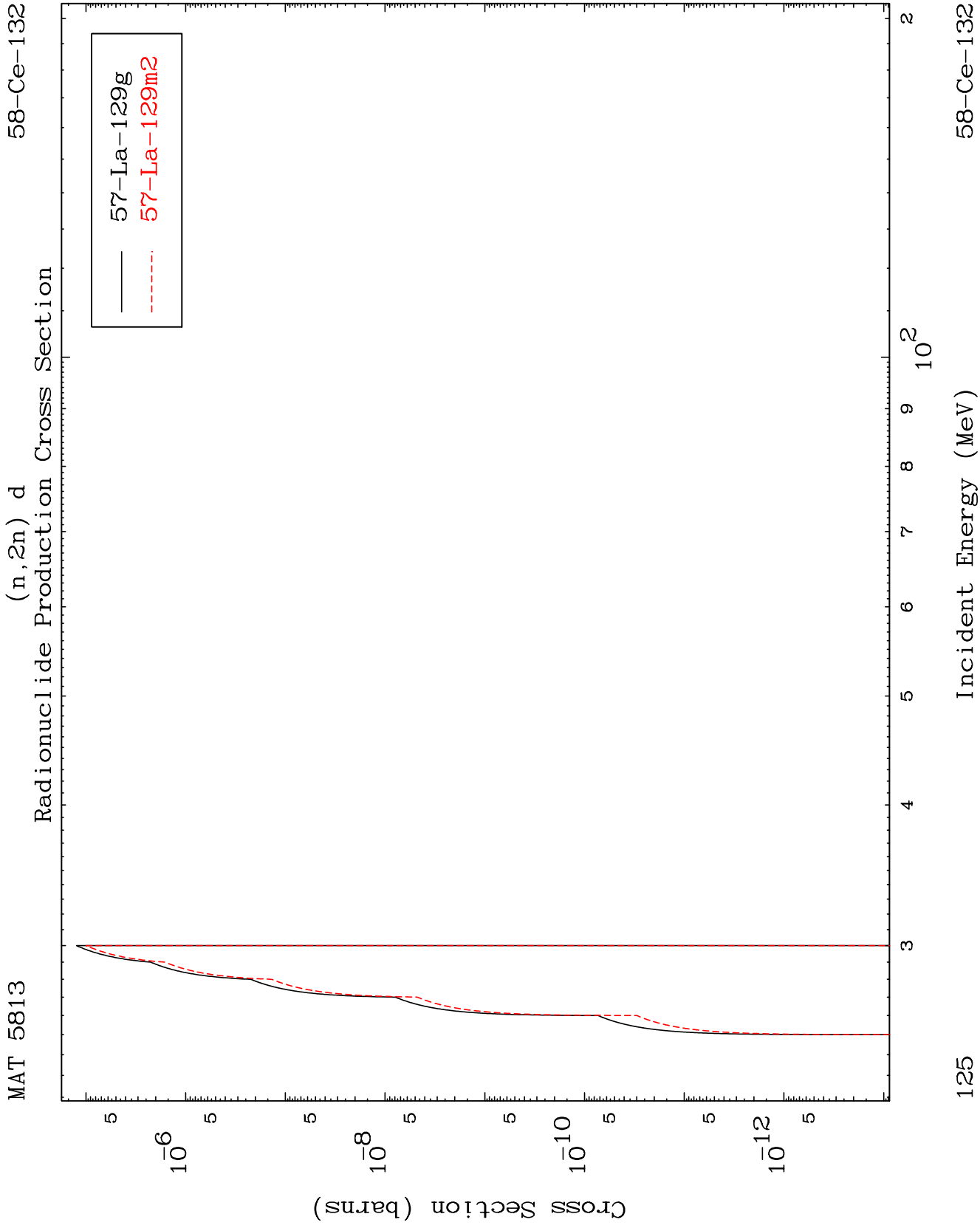




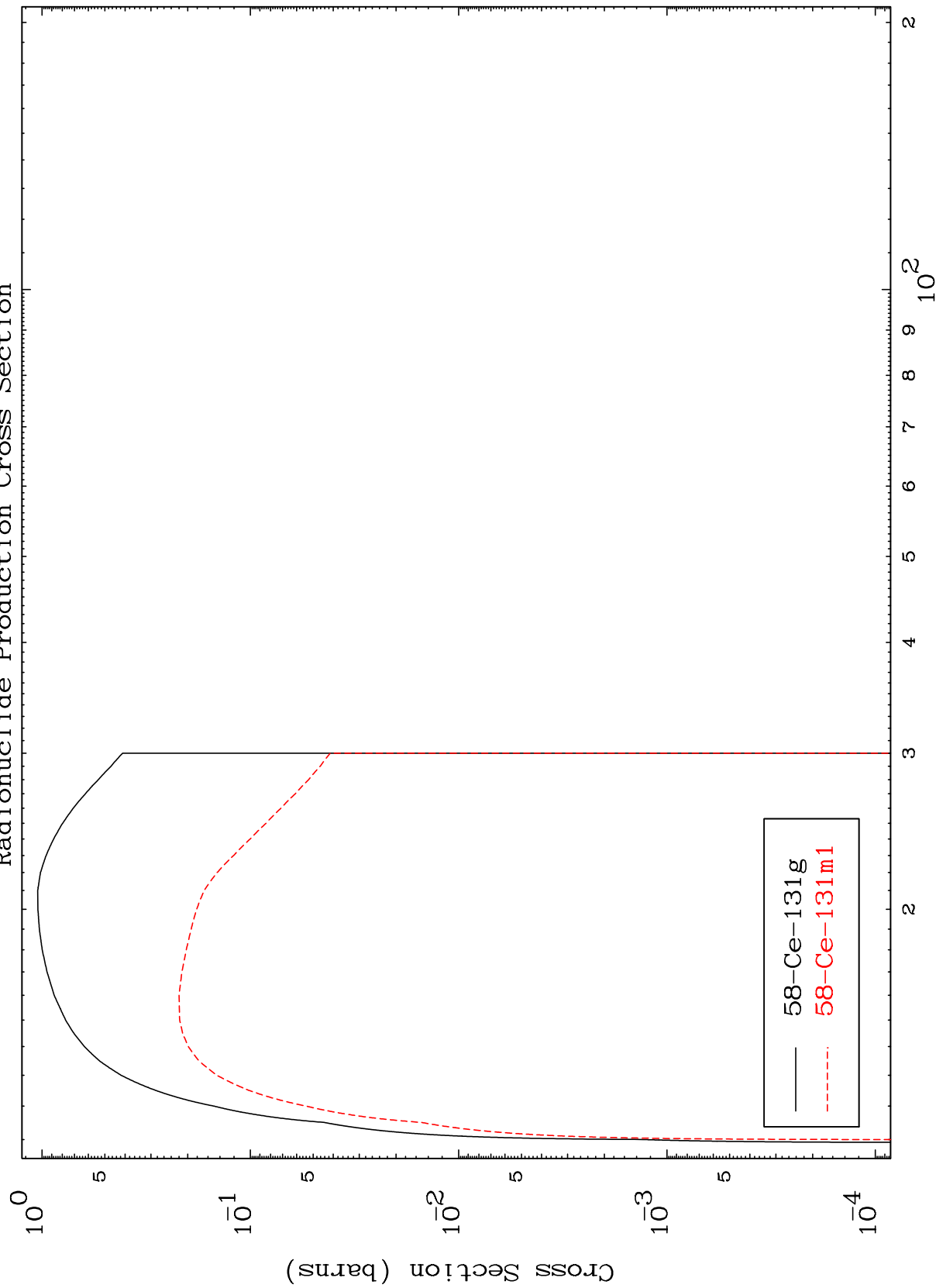


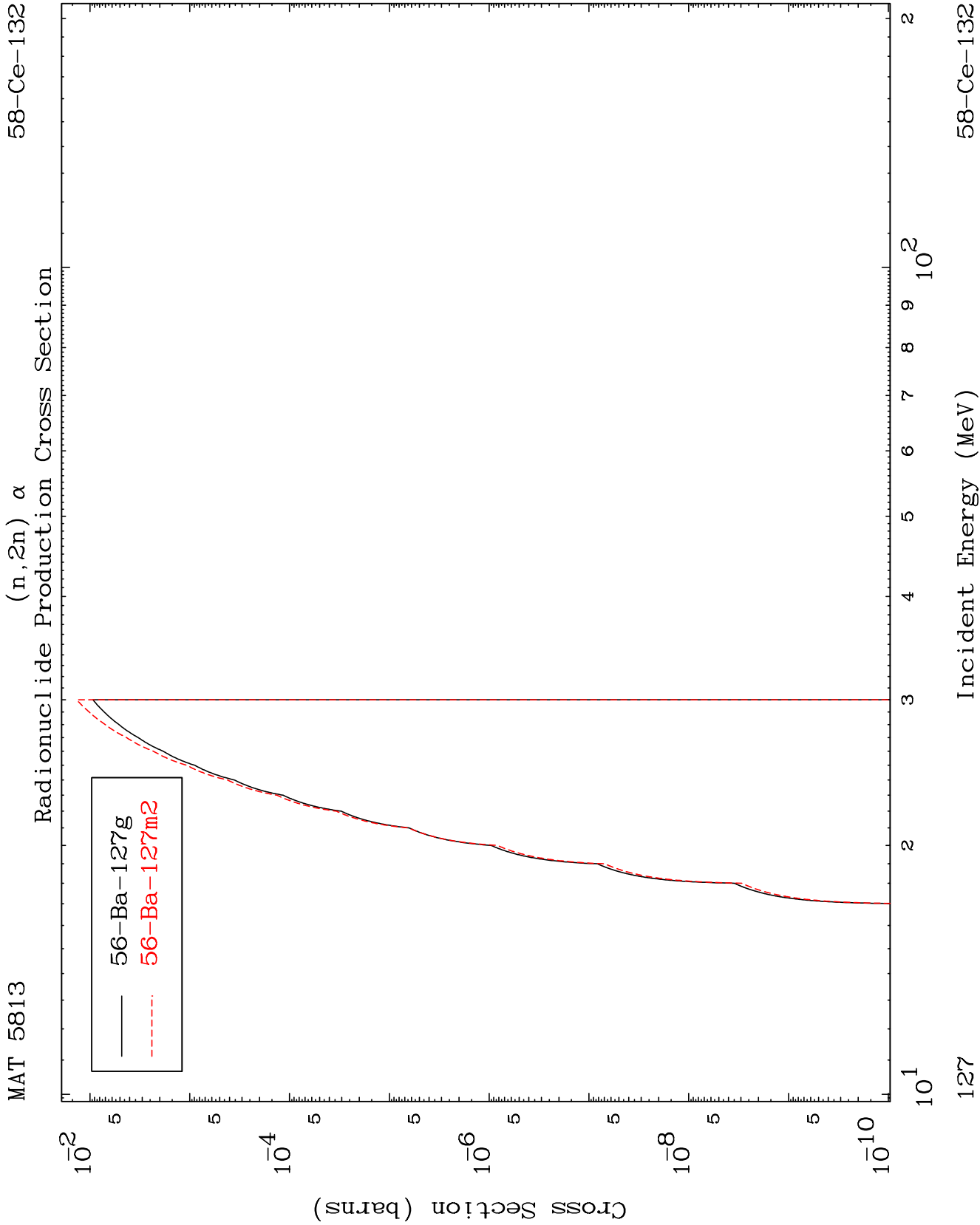


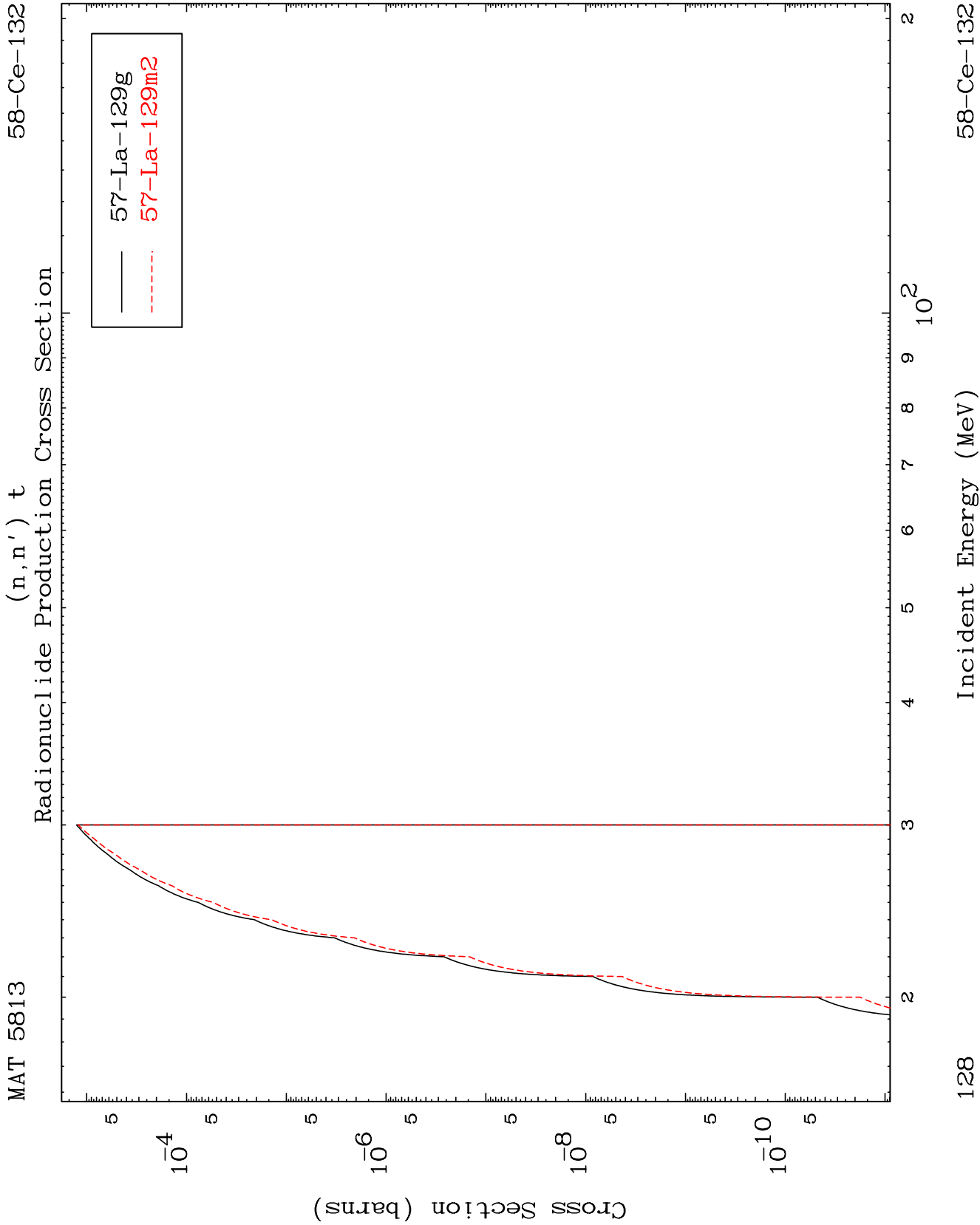


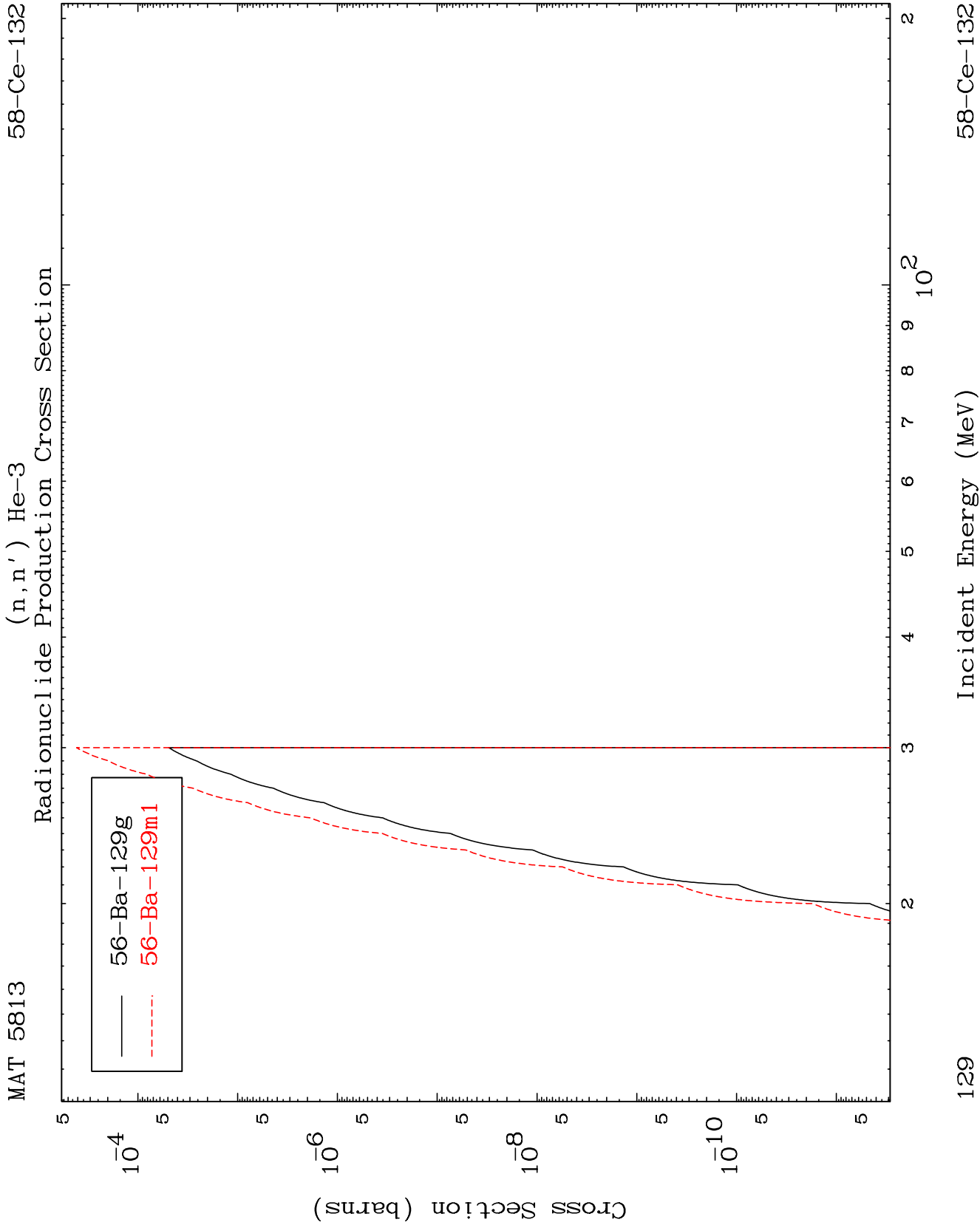


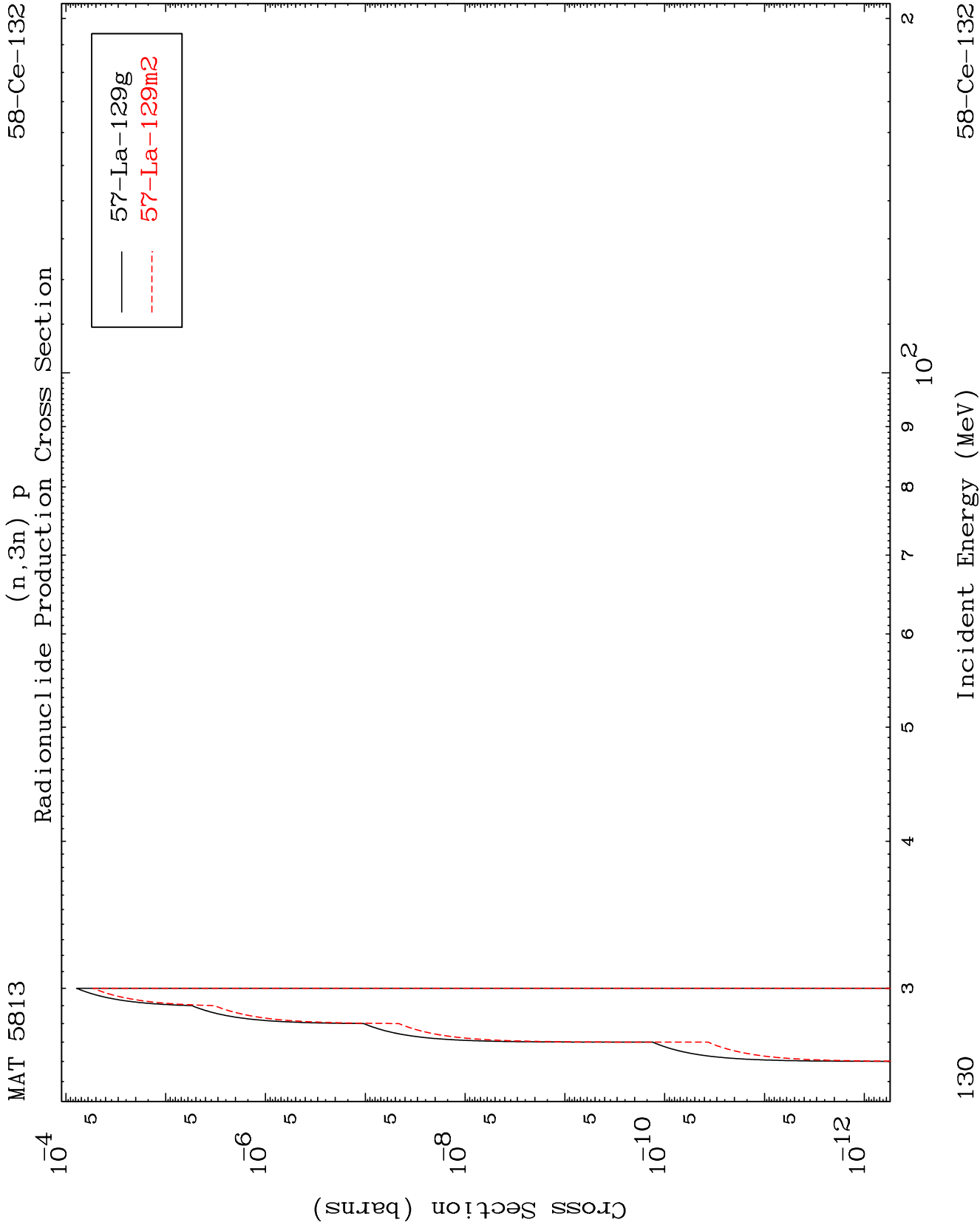
(n,2n)
Radionuclide Production Cross Section

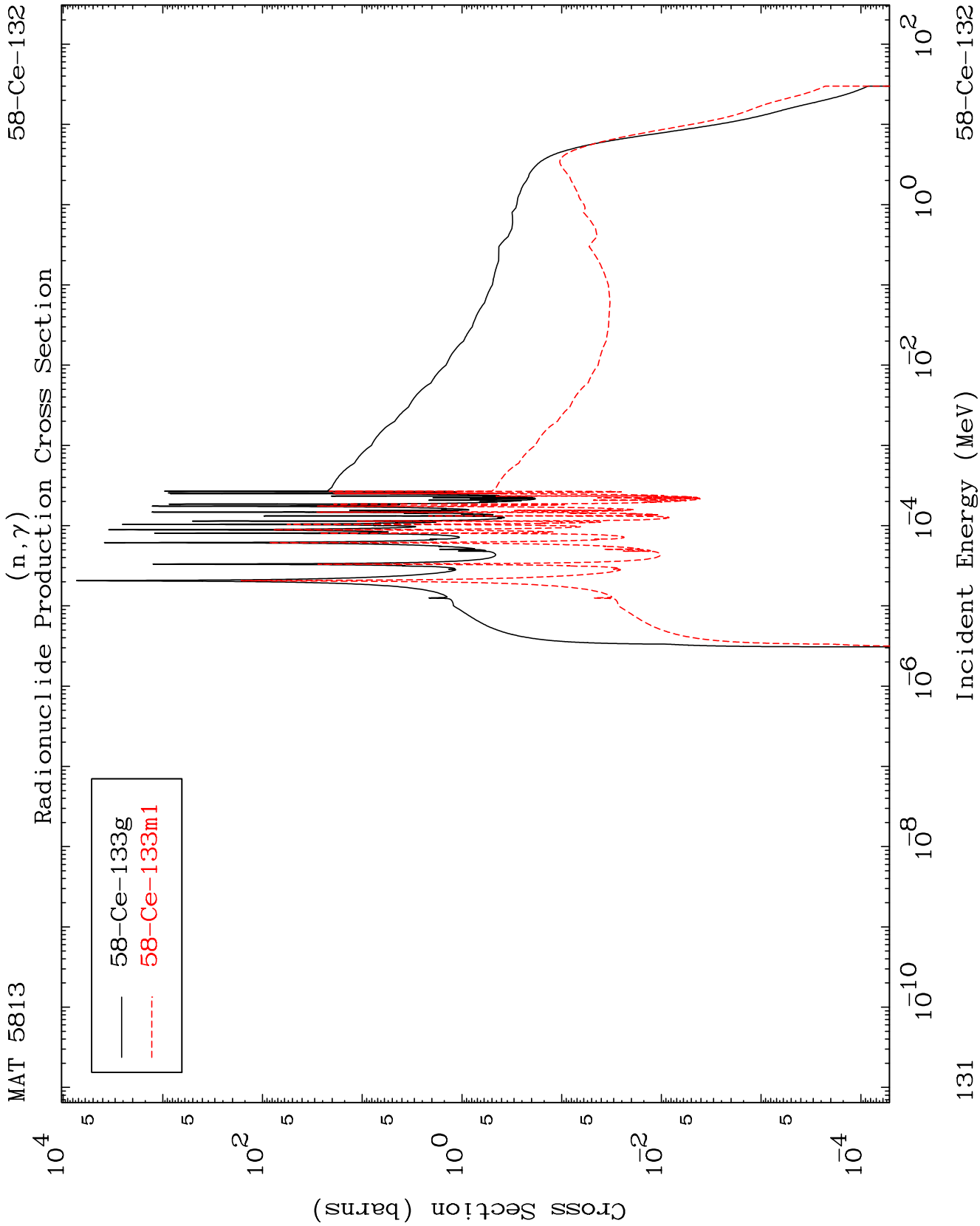


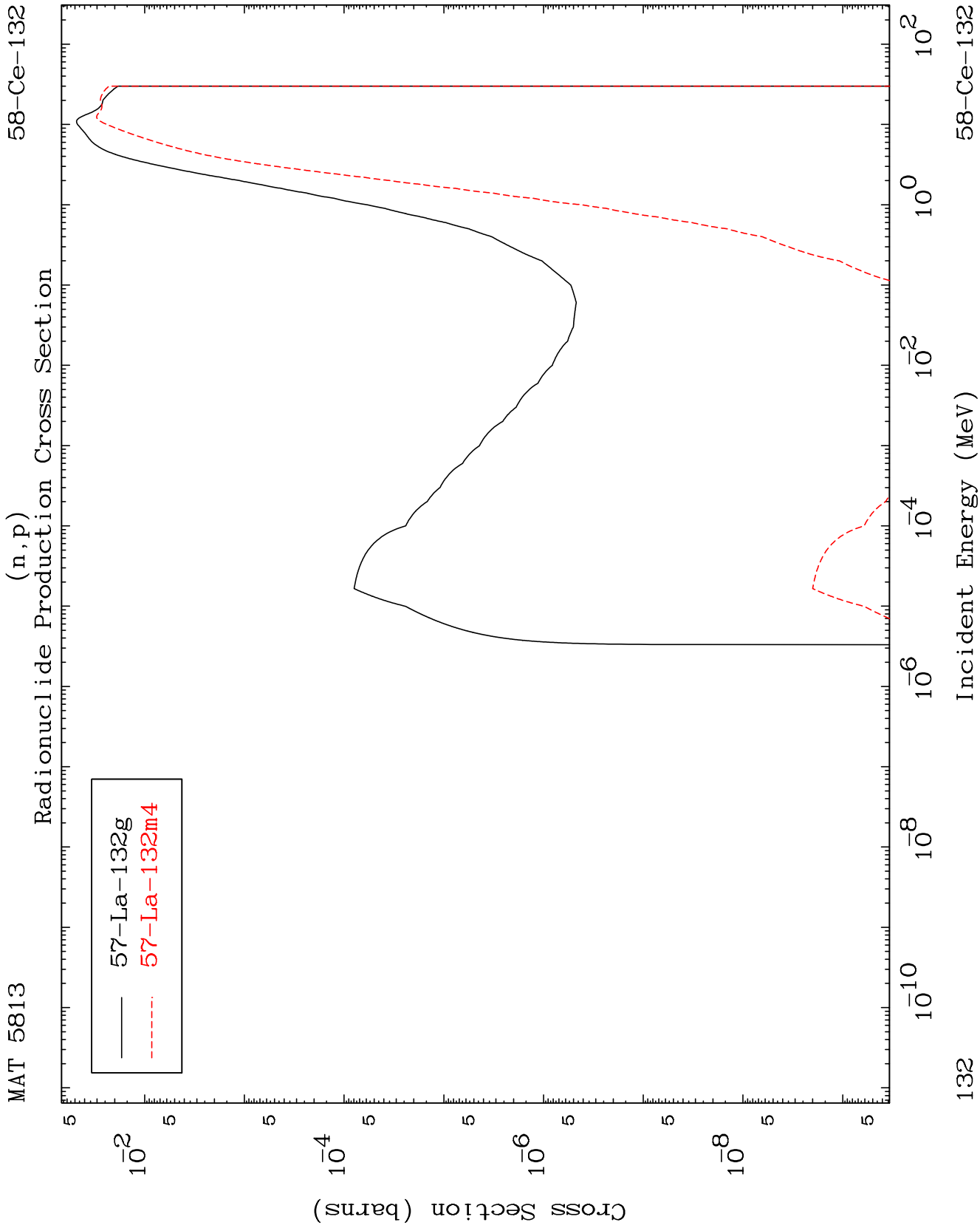








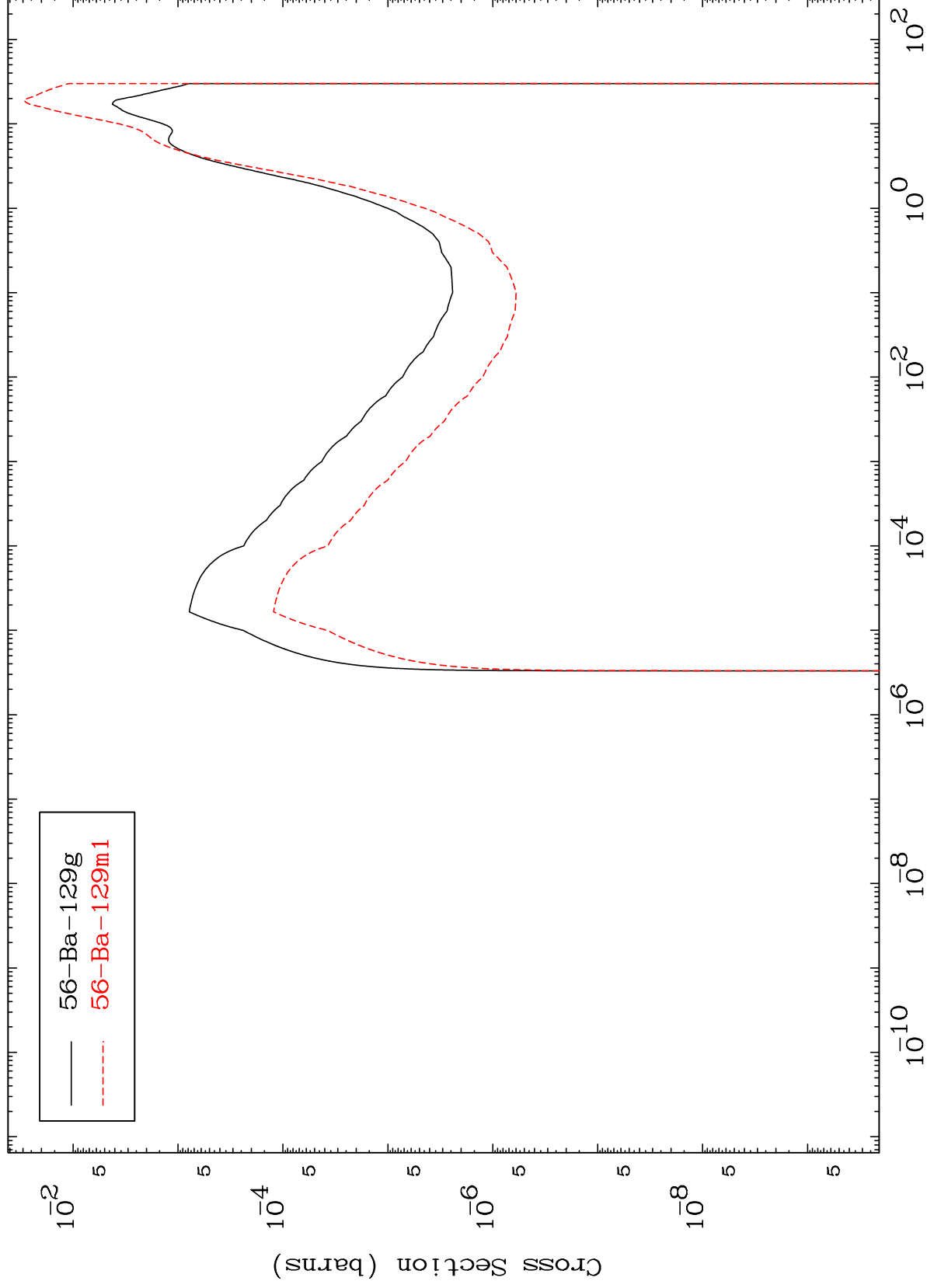




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(n, α)
Radionuclide Production Cross Section



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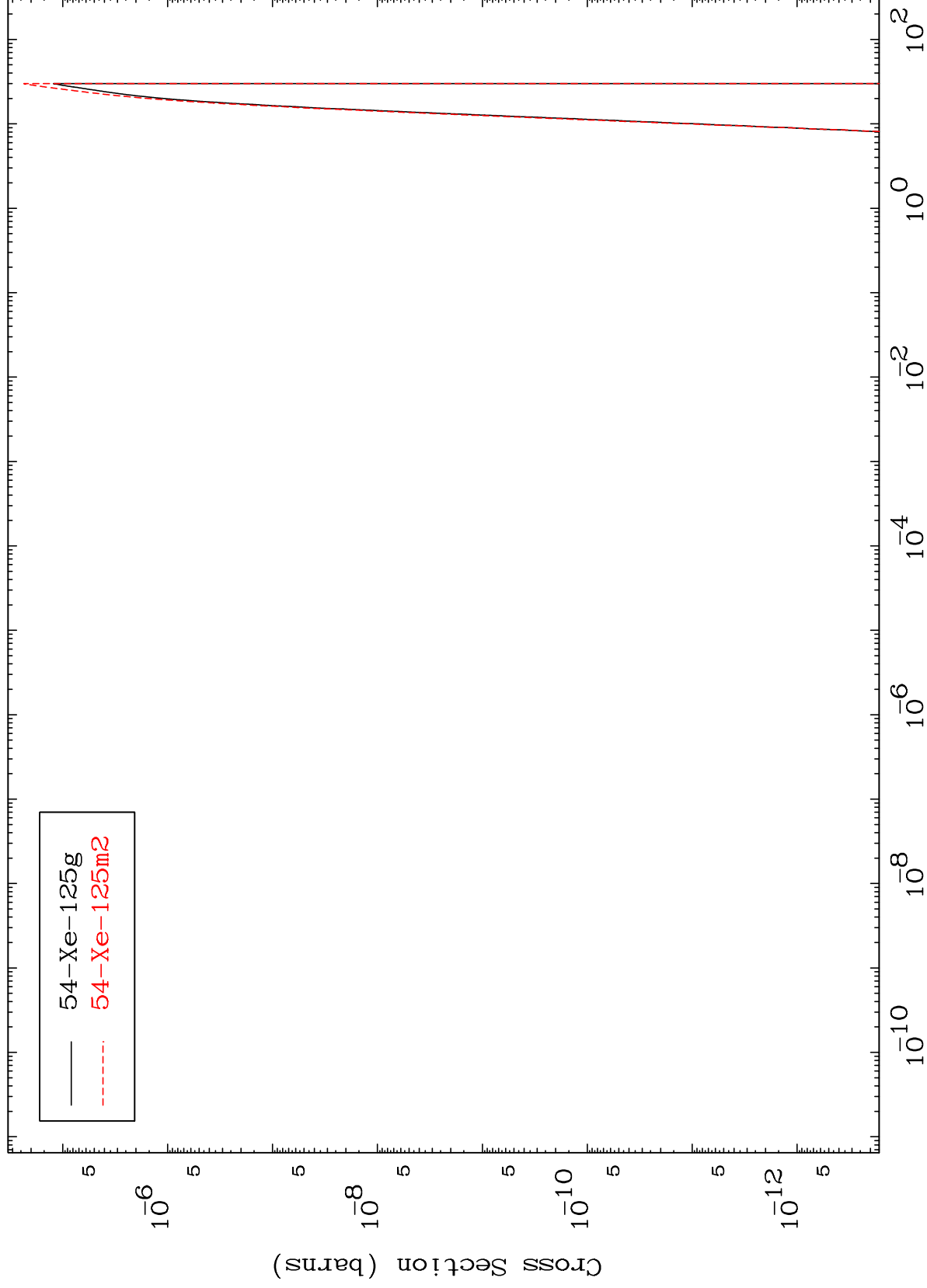
Incident Energy (MeV)

58-Ce-132

MAT 5813

58-Ce-132

(n,2α)
Radionuclide Production Cross Section



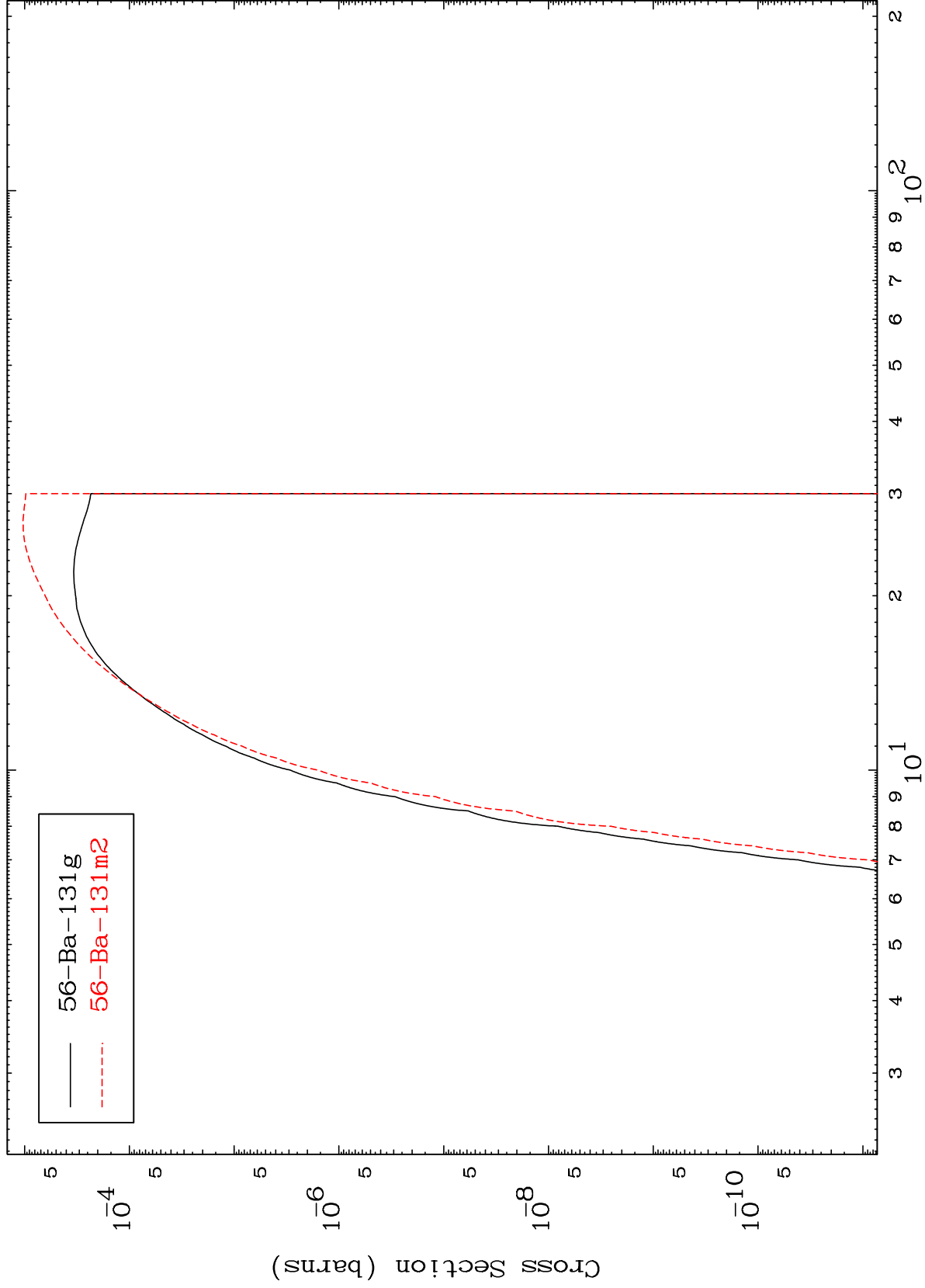
134

58-Ce-132

MAT 5813

58-Ce-132

Radionuclide Production Cross Section
(n,2p)



135

Incident Energy (MeV)

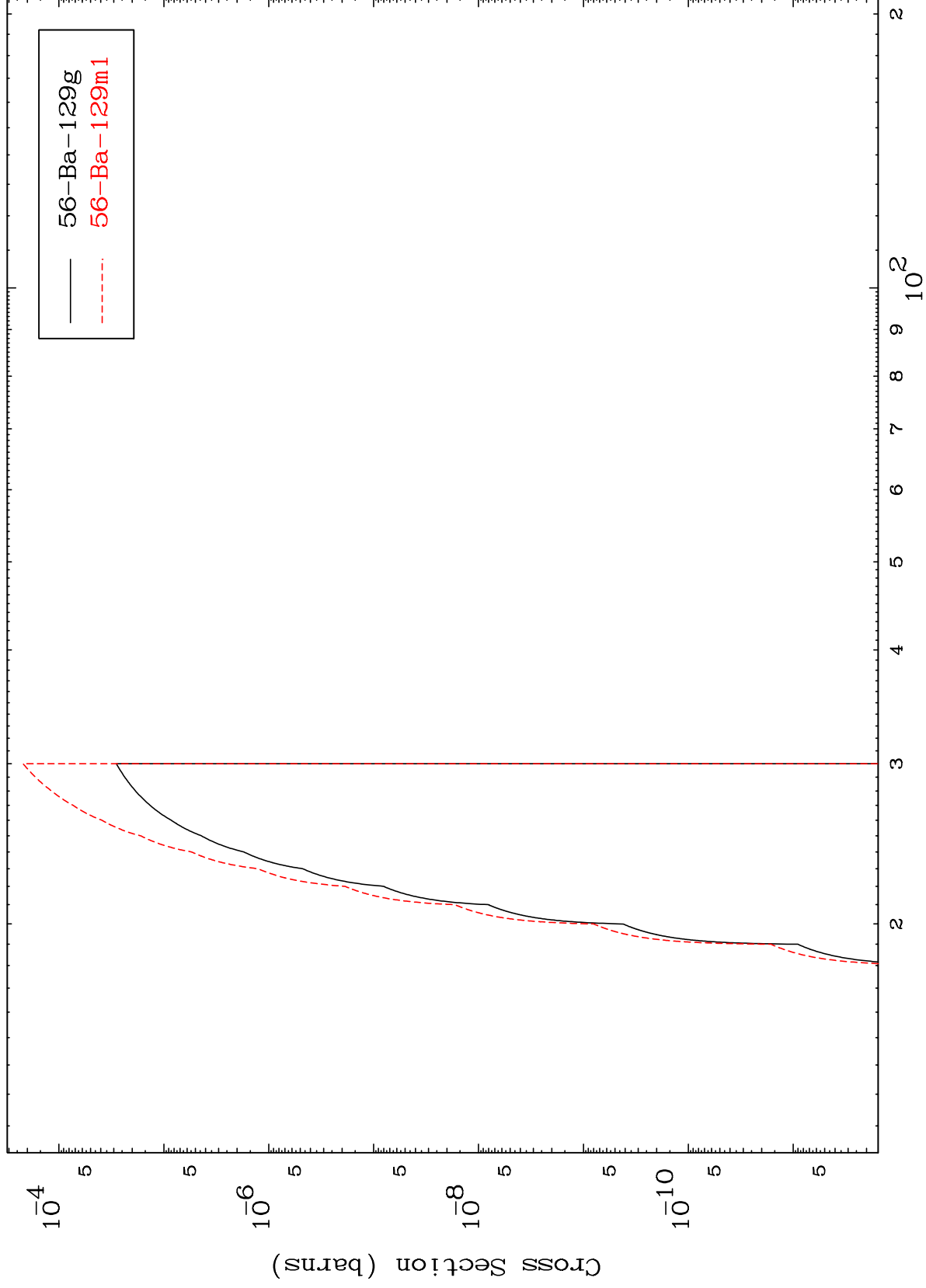
58-Ce-132

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(n,p) t

58-Ce-132

Radionuclide Production Cross Section



136

Incident Energy (MeV)

58-Ce-132