

Program EVALPLOT
(Version 2021-1)

by

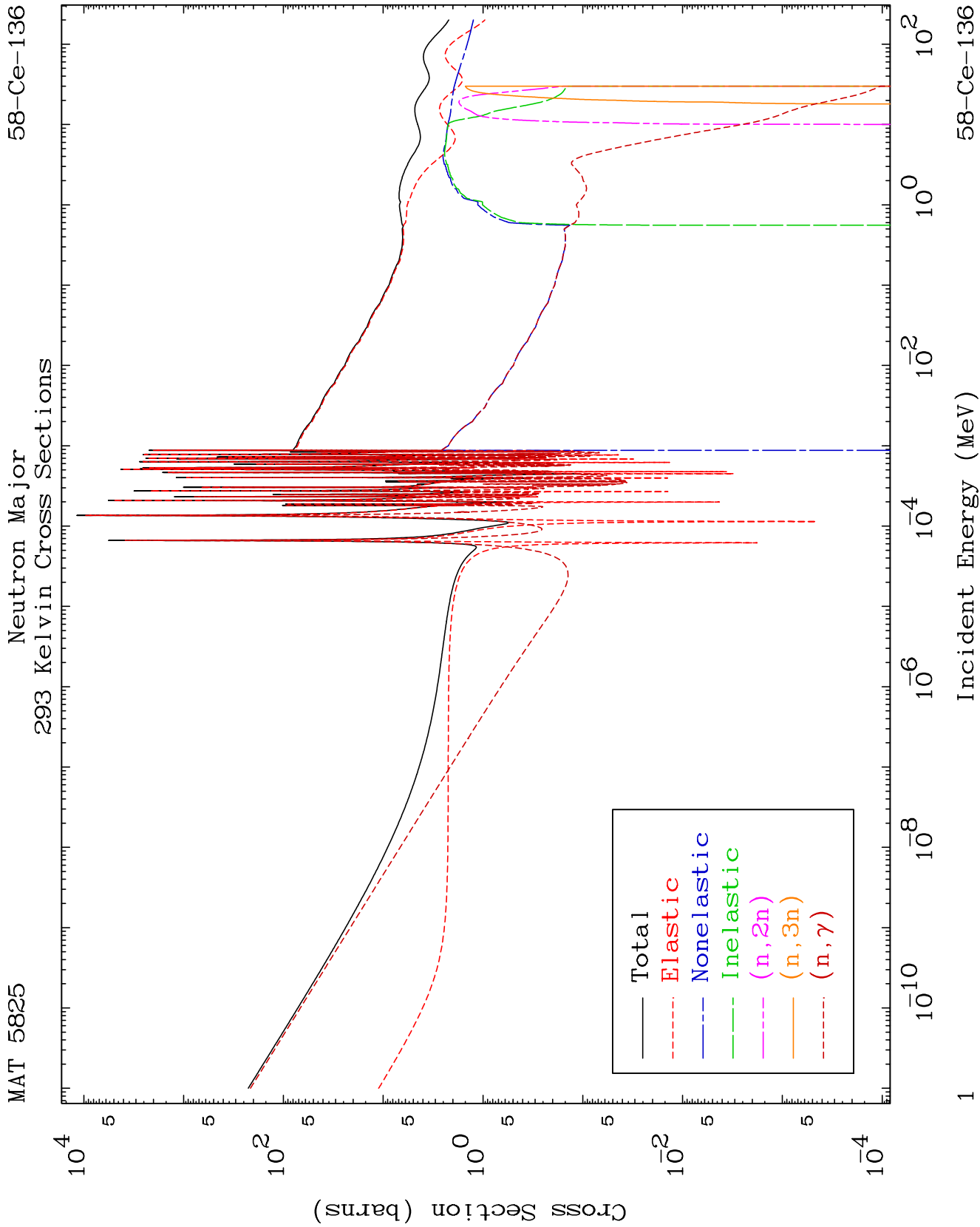
Dermott E. Cullen
(Present Contact Information)

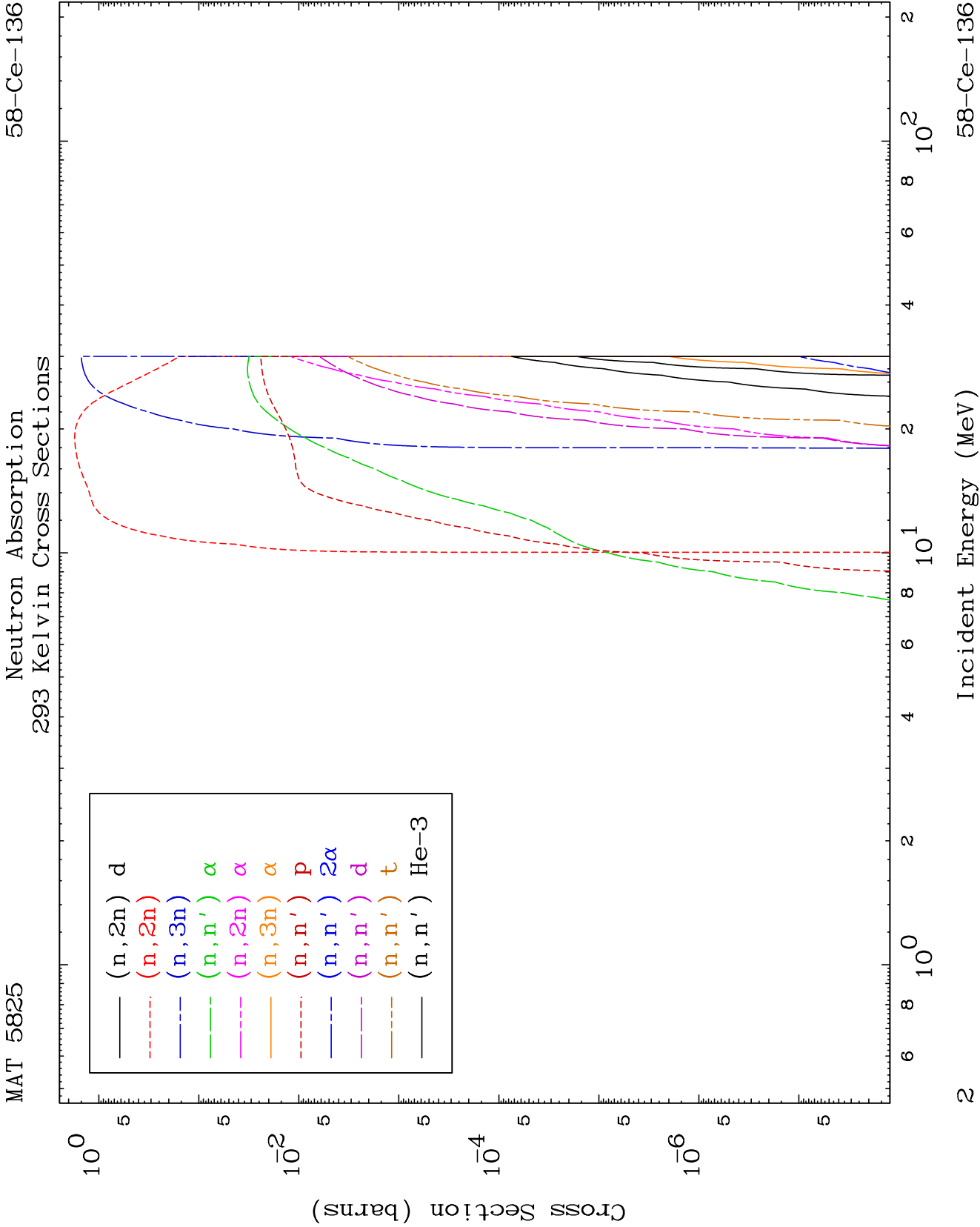
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

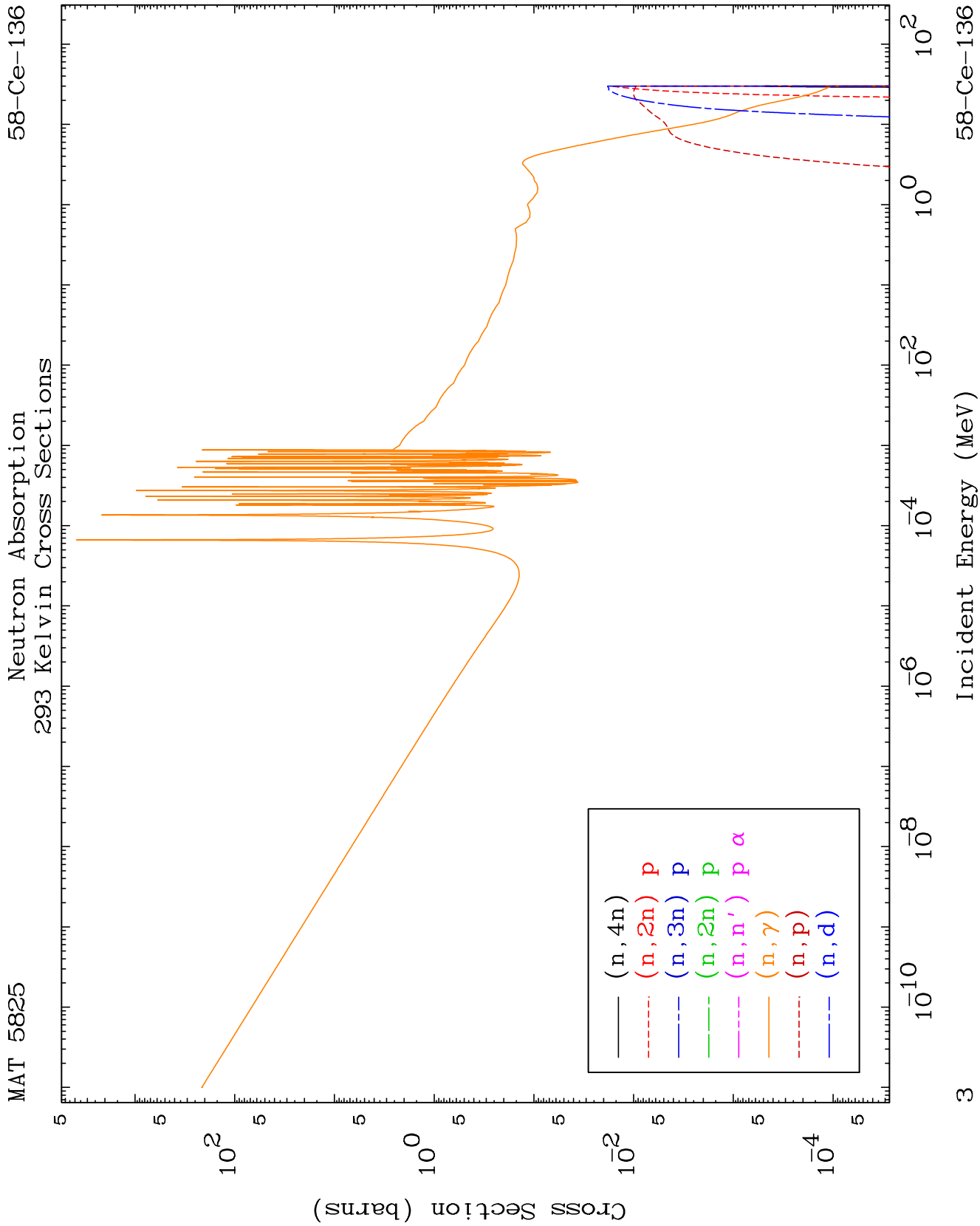
Tele: 925-443-1911

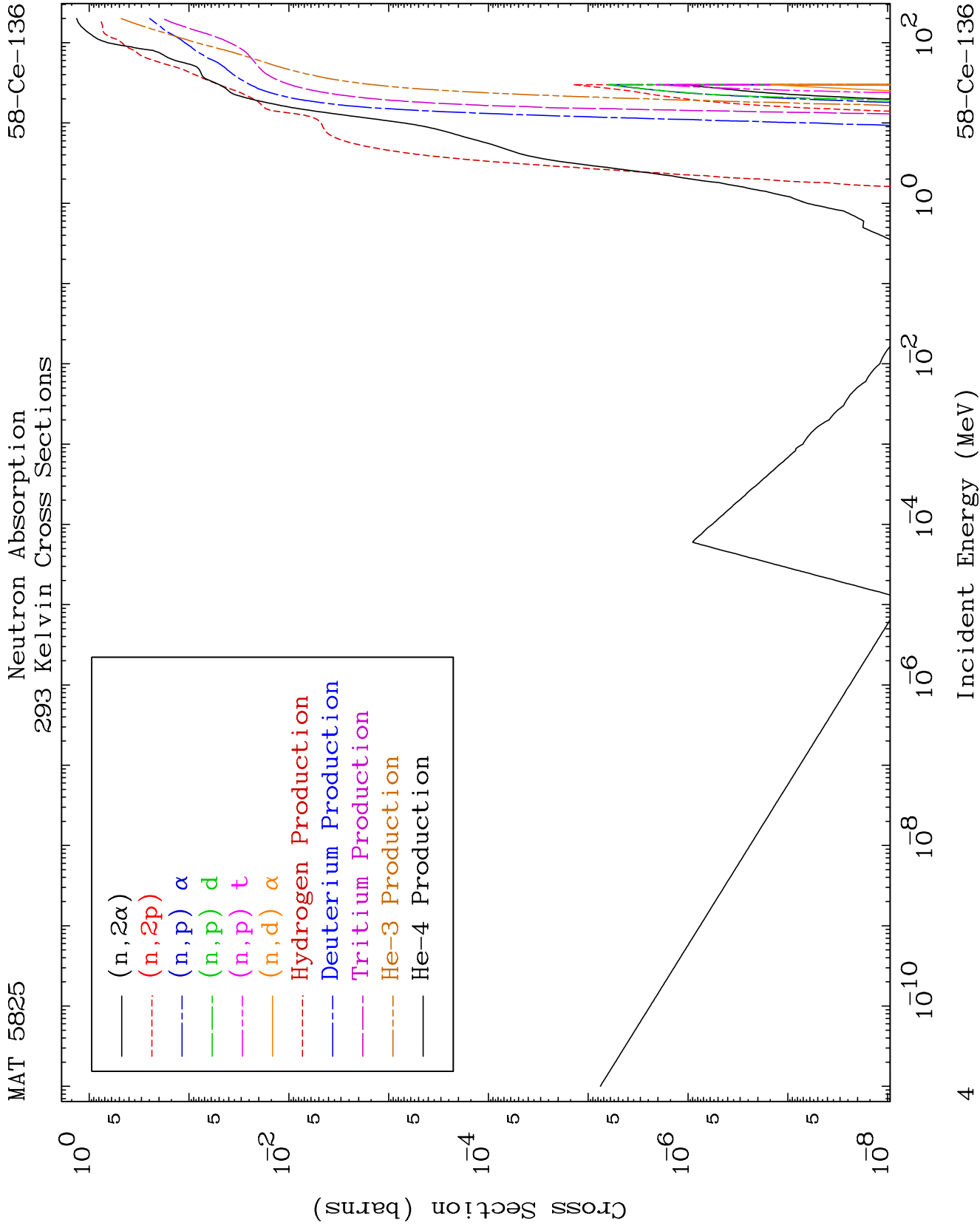
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

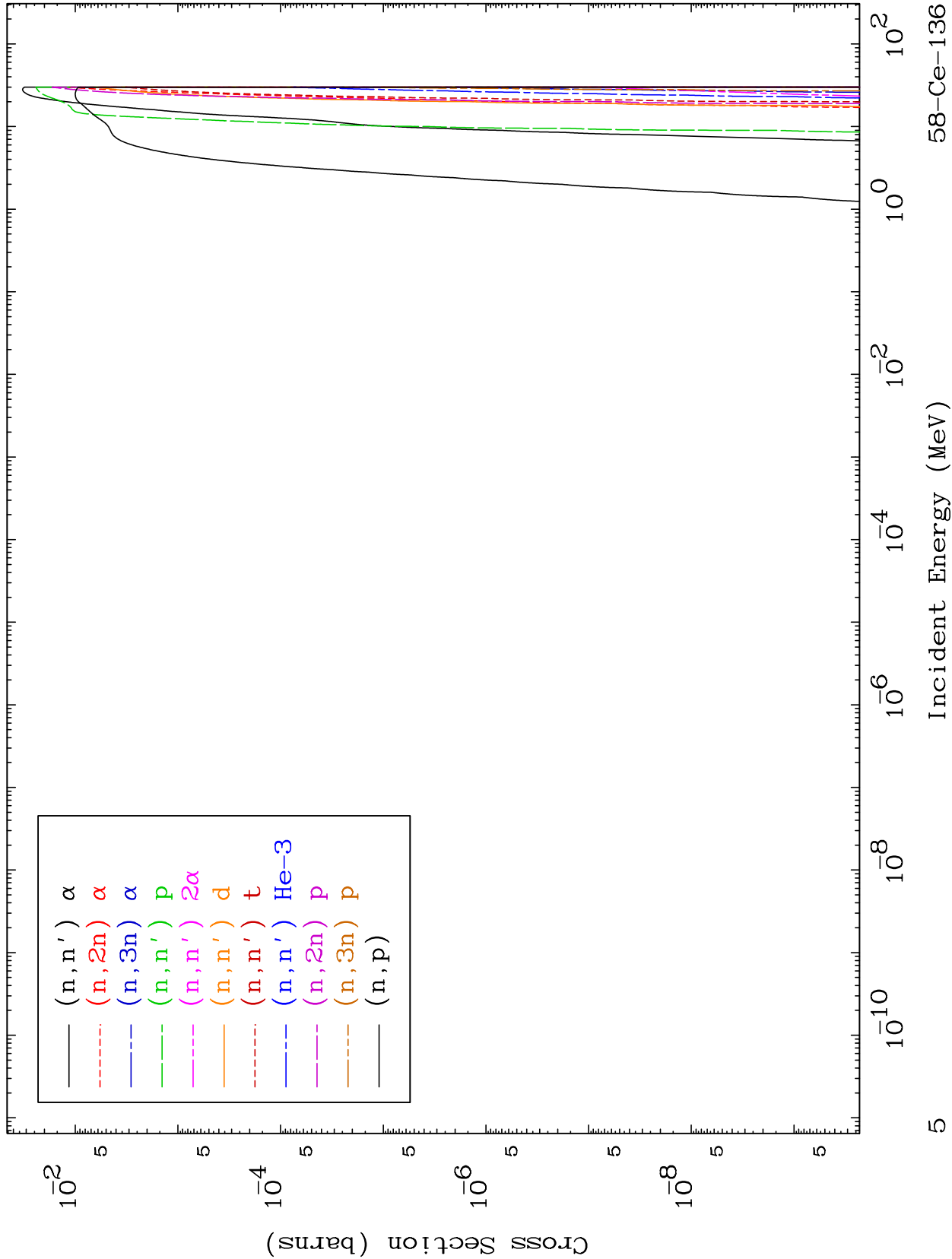
Press Mouse Button to Start







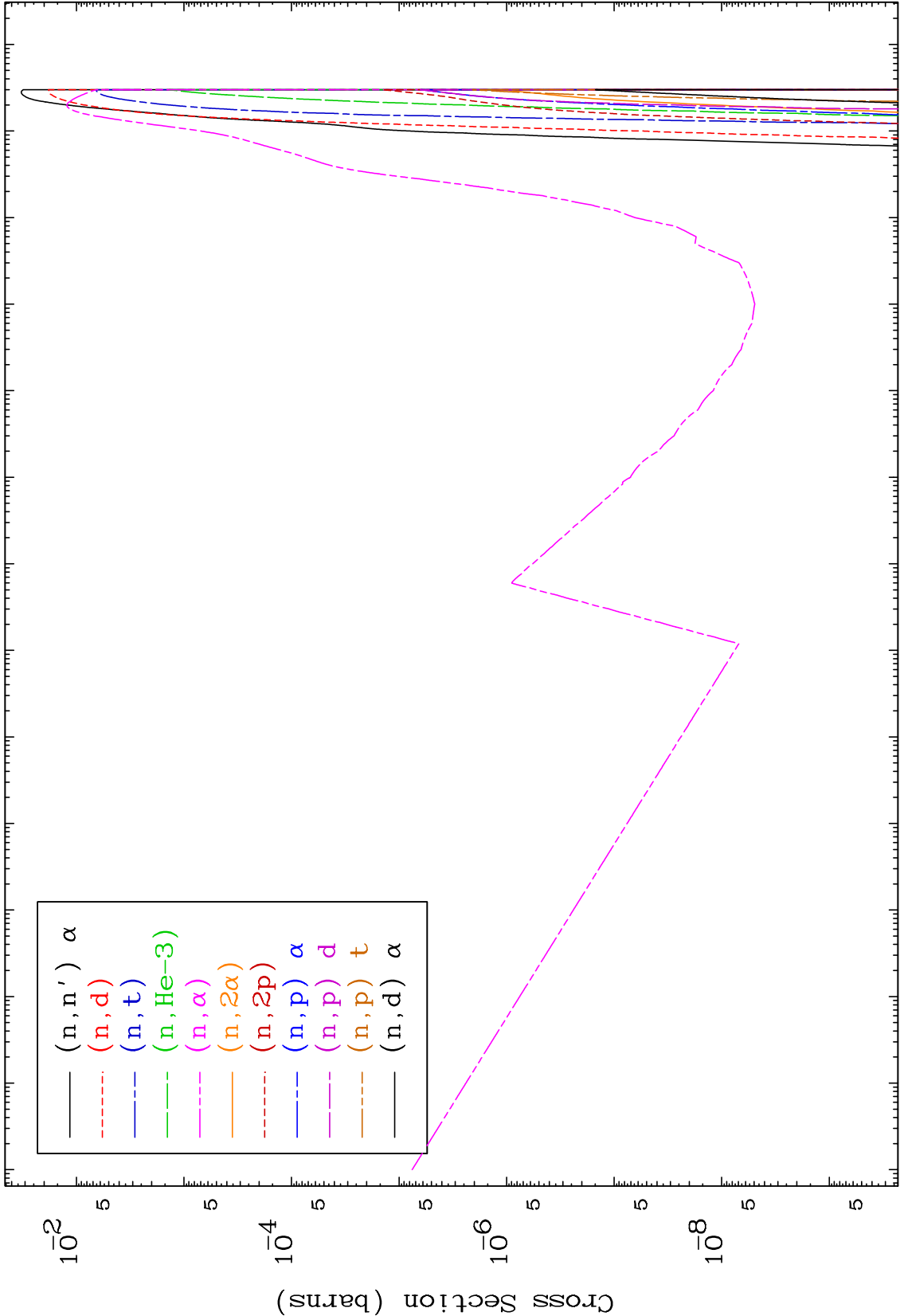


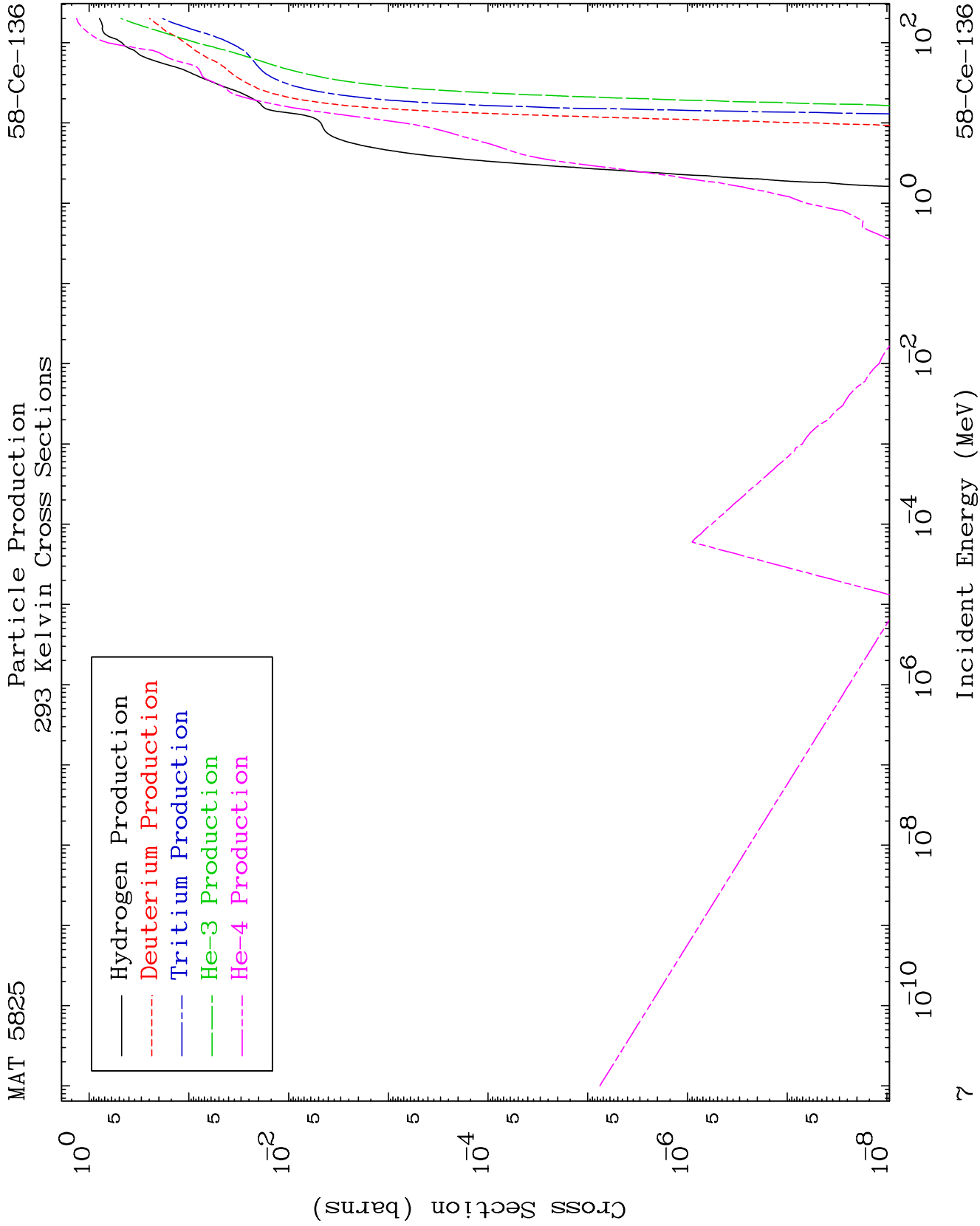


MAT 5825

Charged Particle
293 Kelvin Cross Sections

58-Ce-136



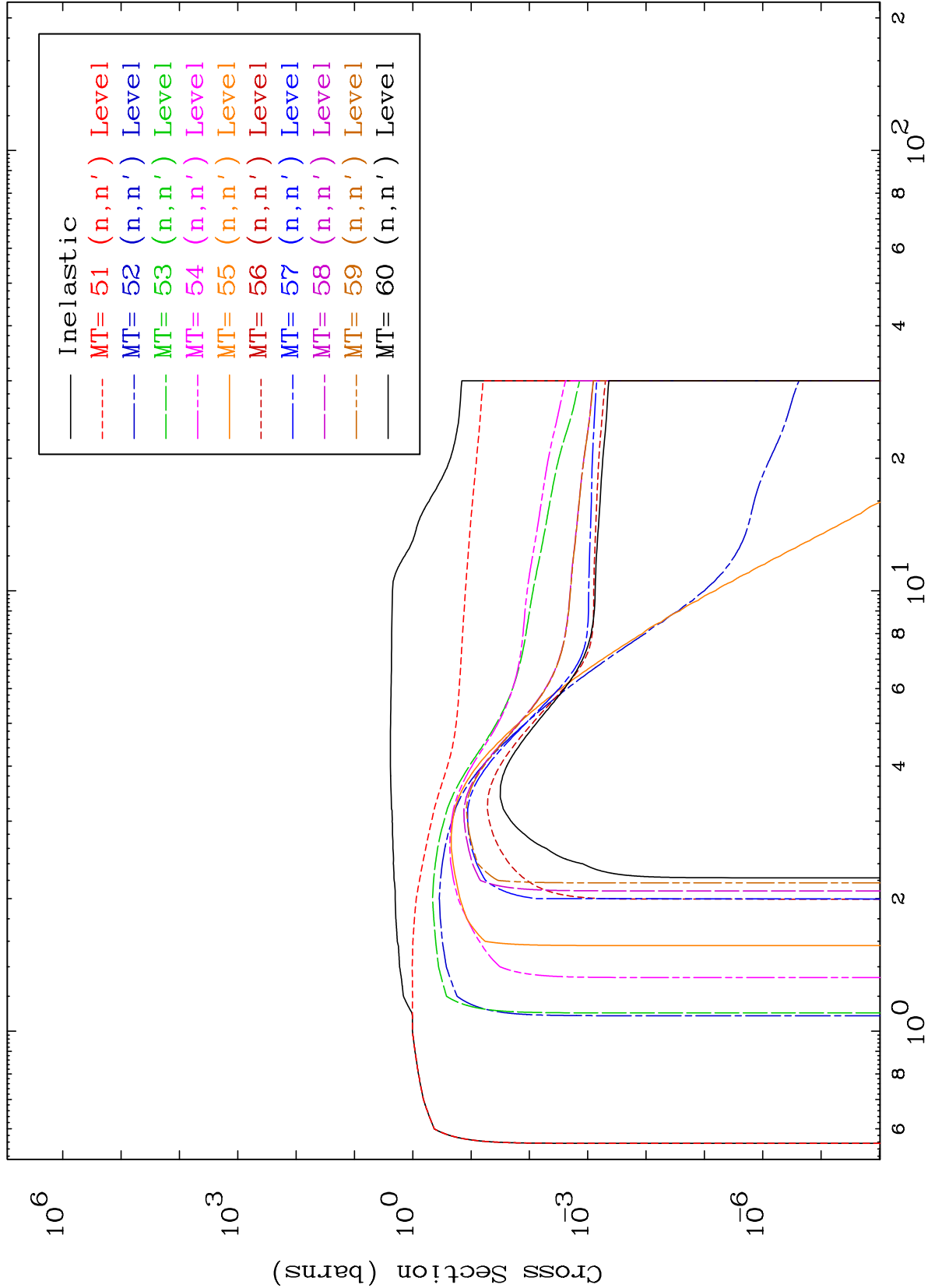


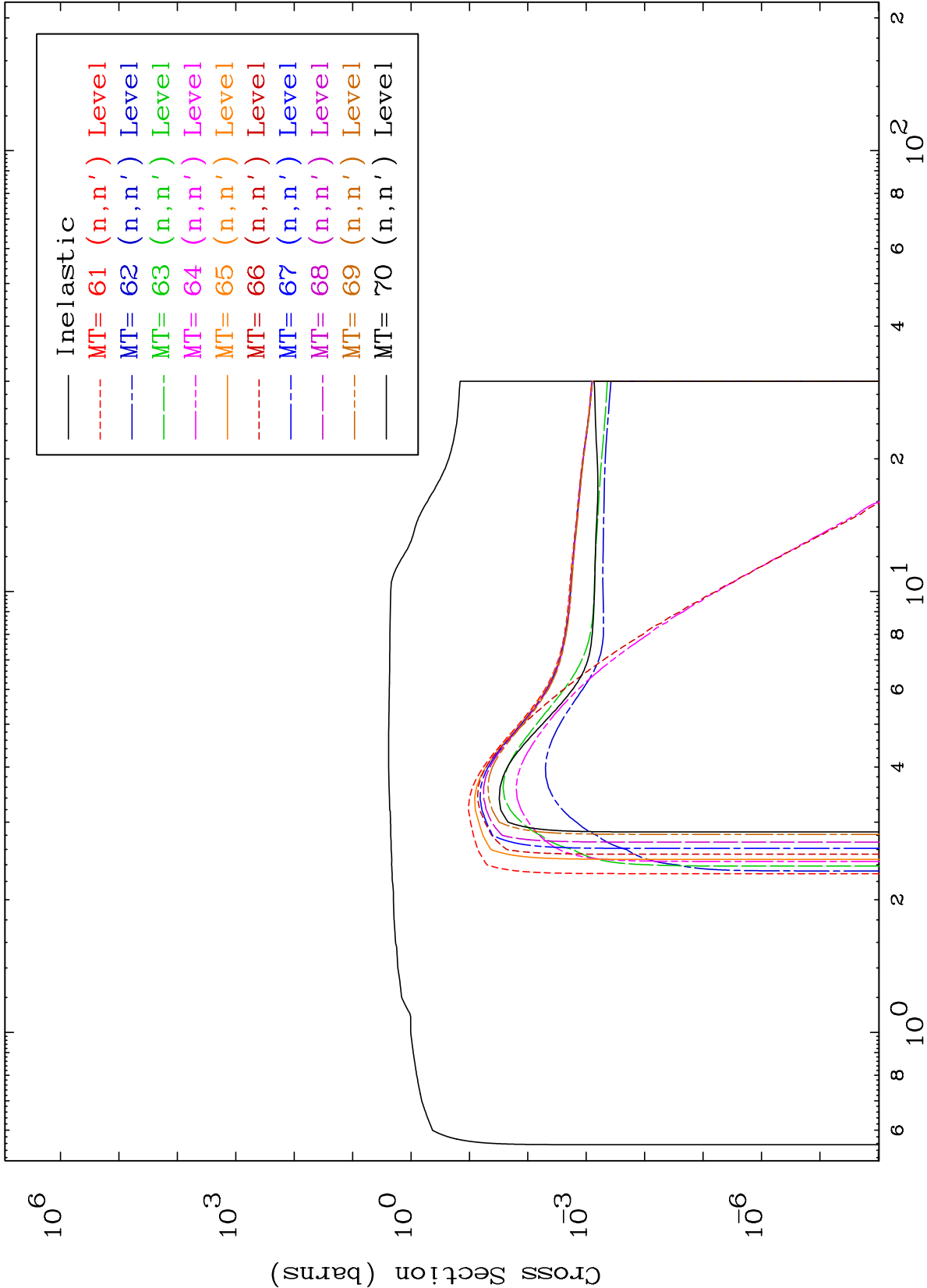
MAT 5825

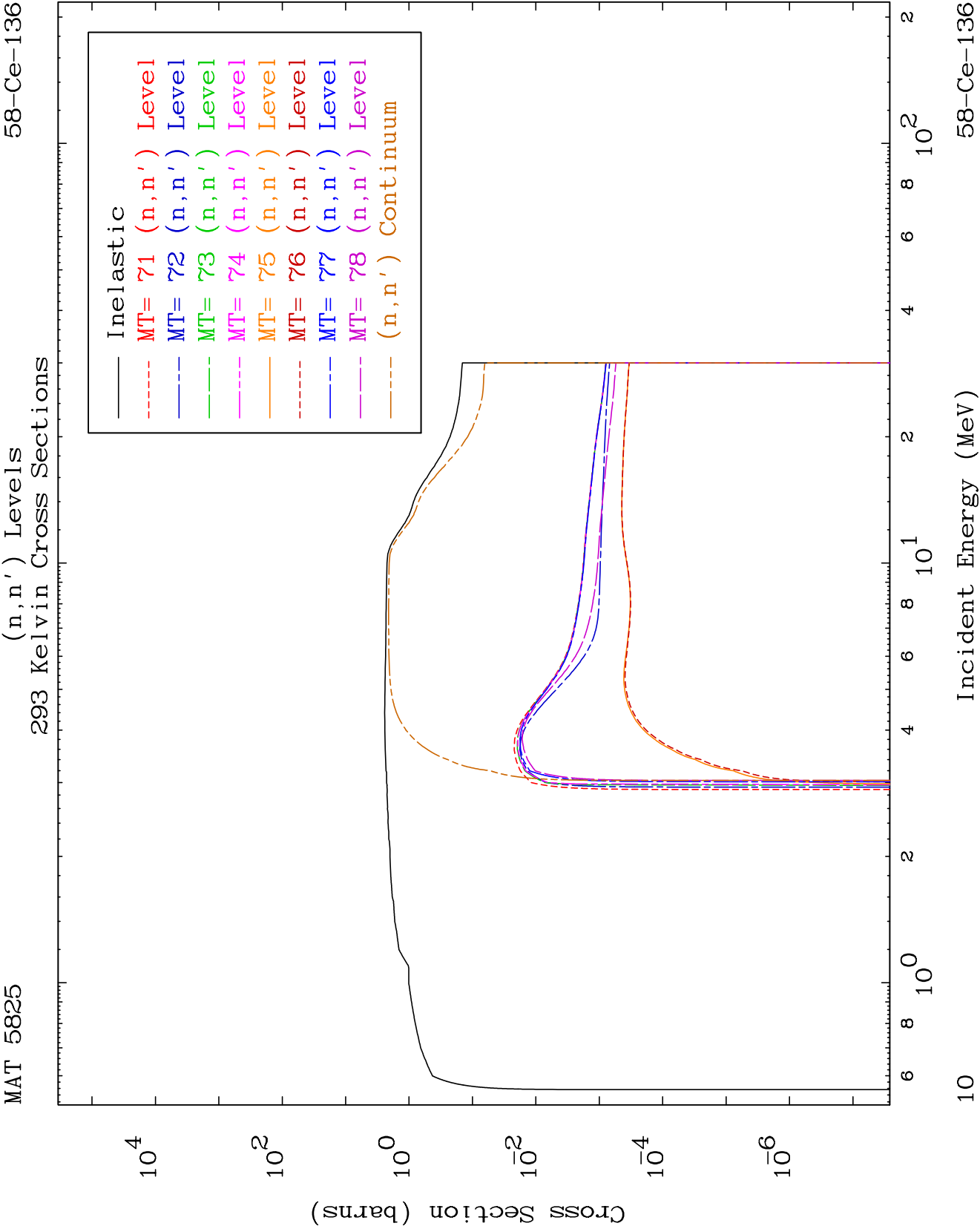
(n,n') Levels

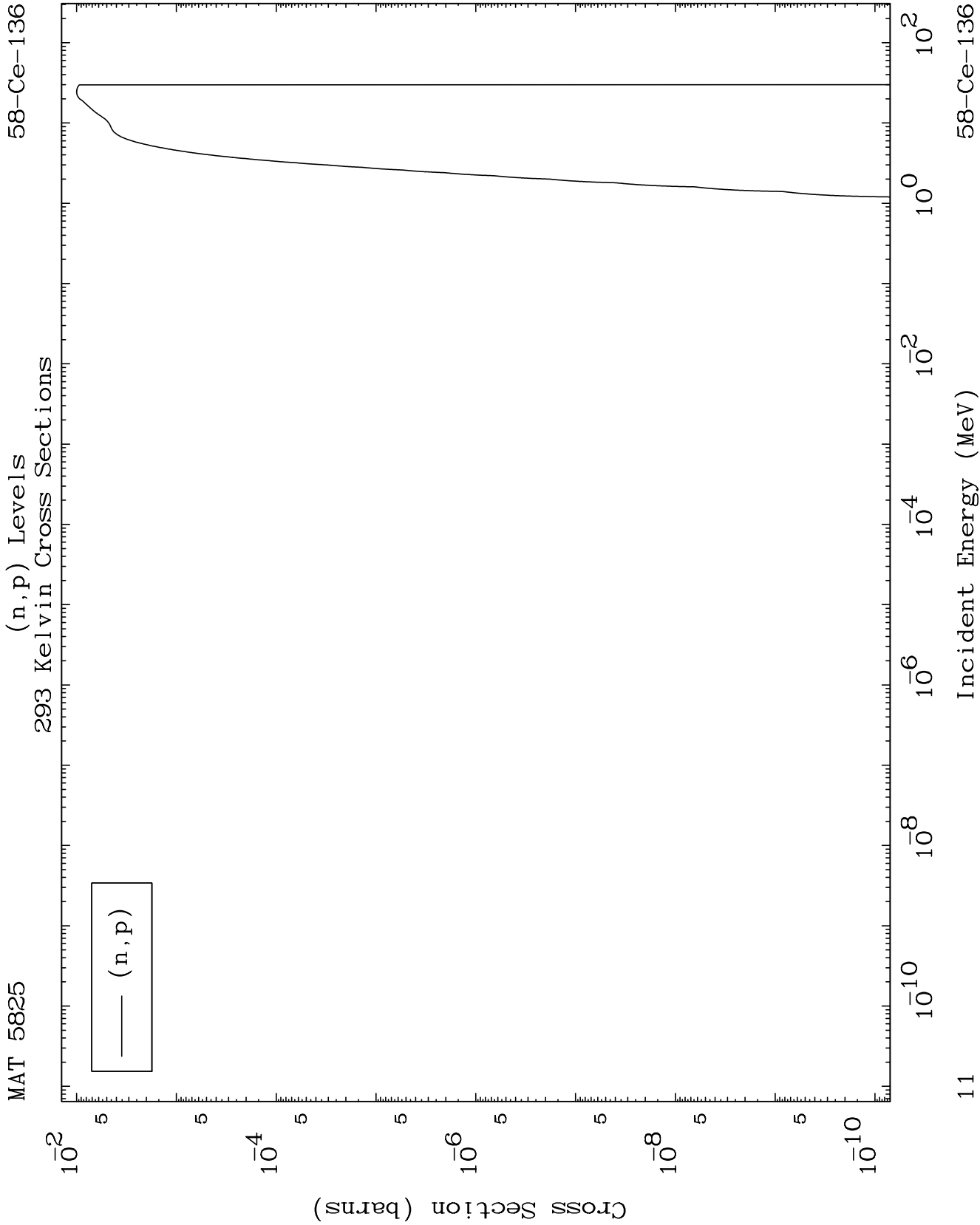
293 Kelvin Cross Sections

58-Ce-136





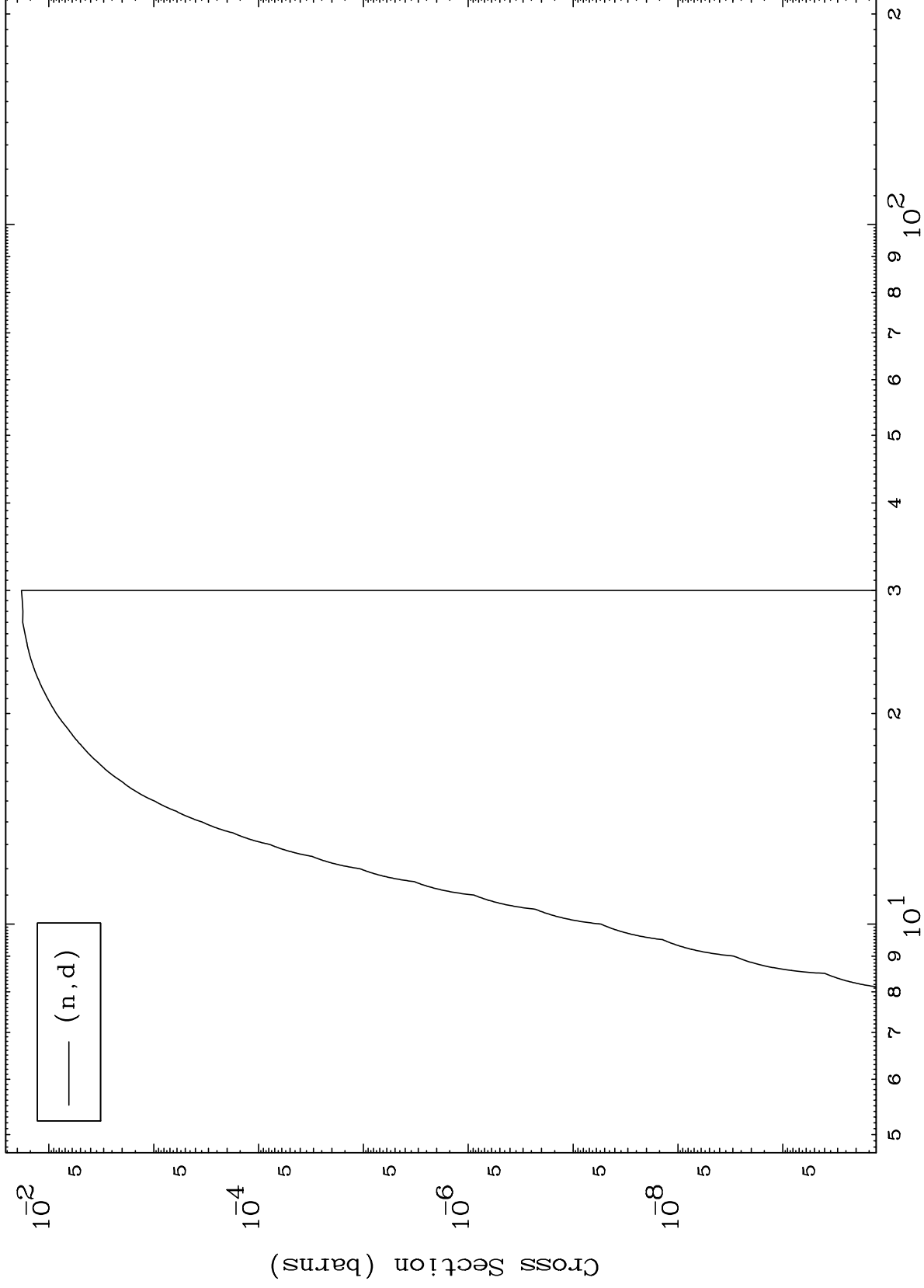




MAT 5825

58-Ce-136

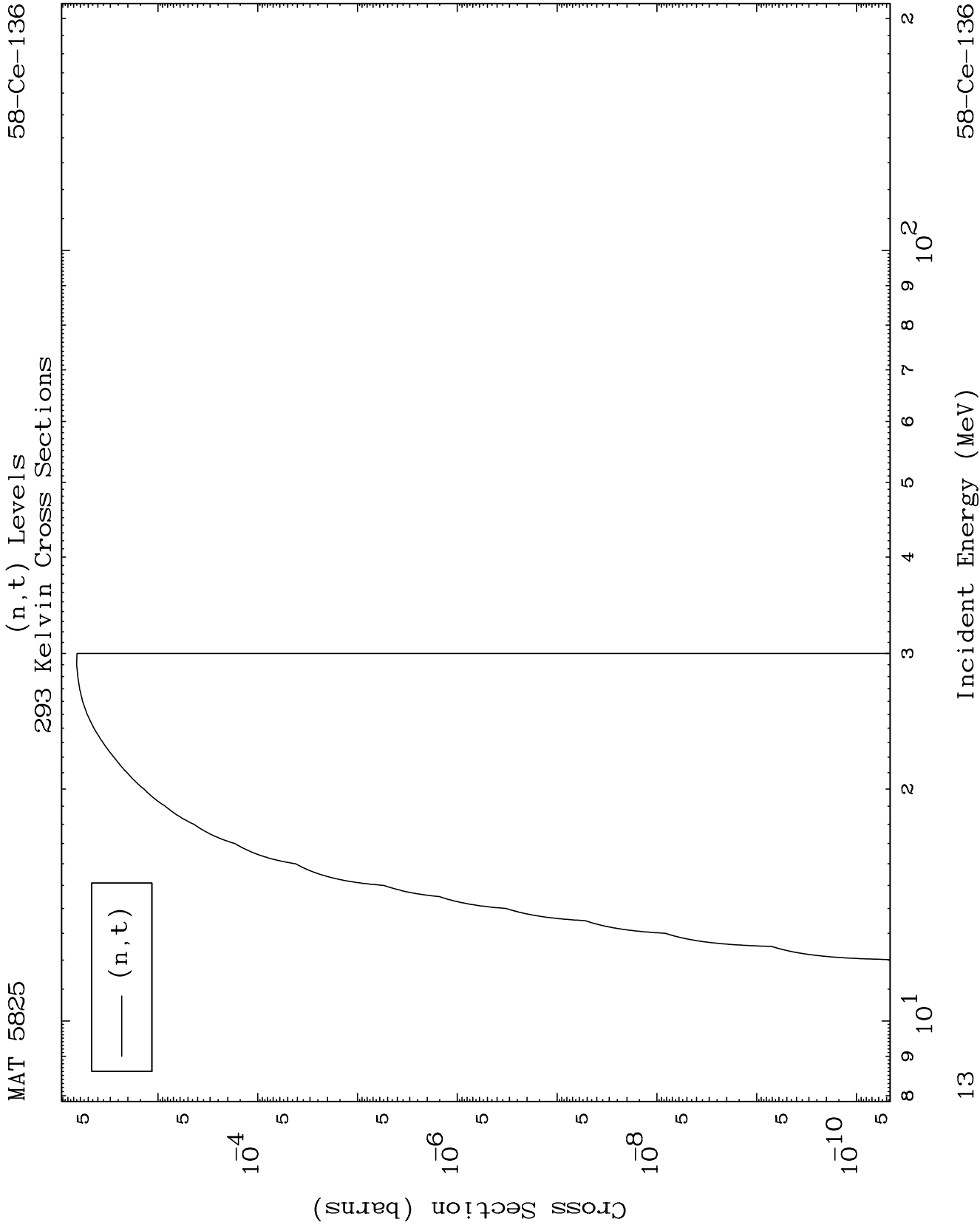
(n,d) Levels
293 Kelvin Cross Sections



58-Ce-136

Incident Energy (MeV)

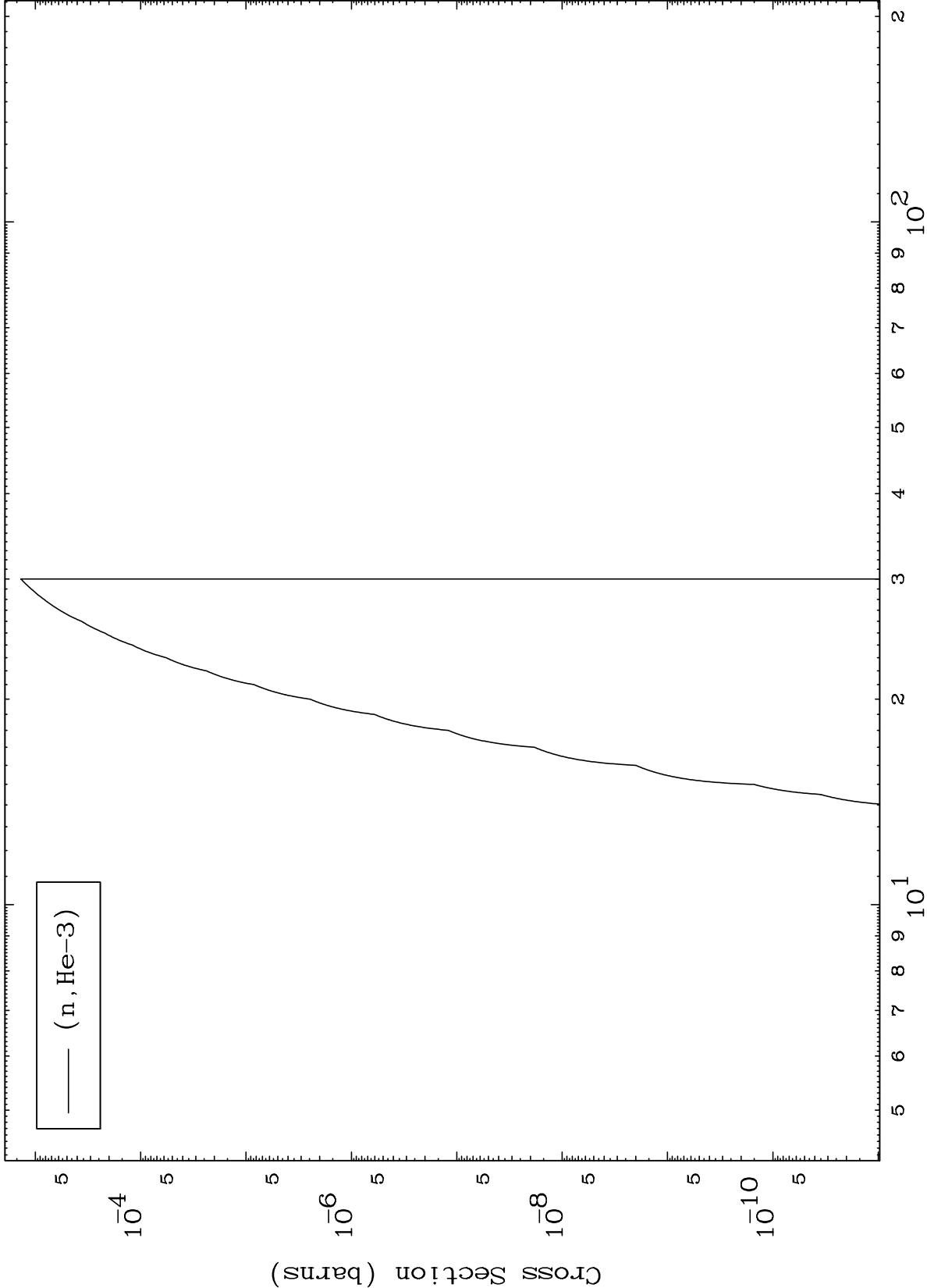
12



MAT 5825

(n,He3) Levels
293 Kelvin Cross Sections

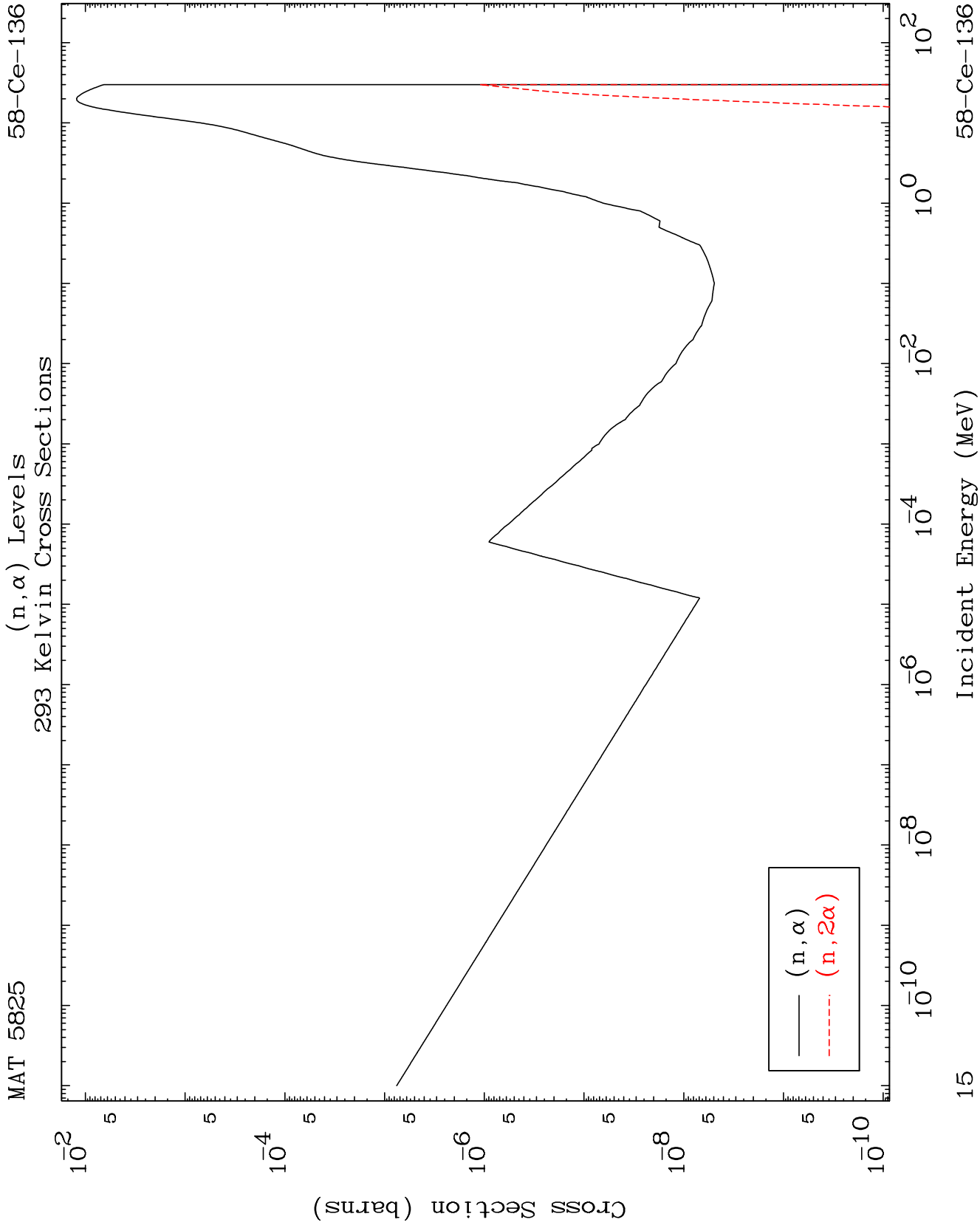
58-Ce-136

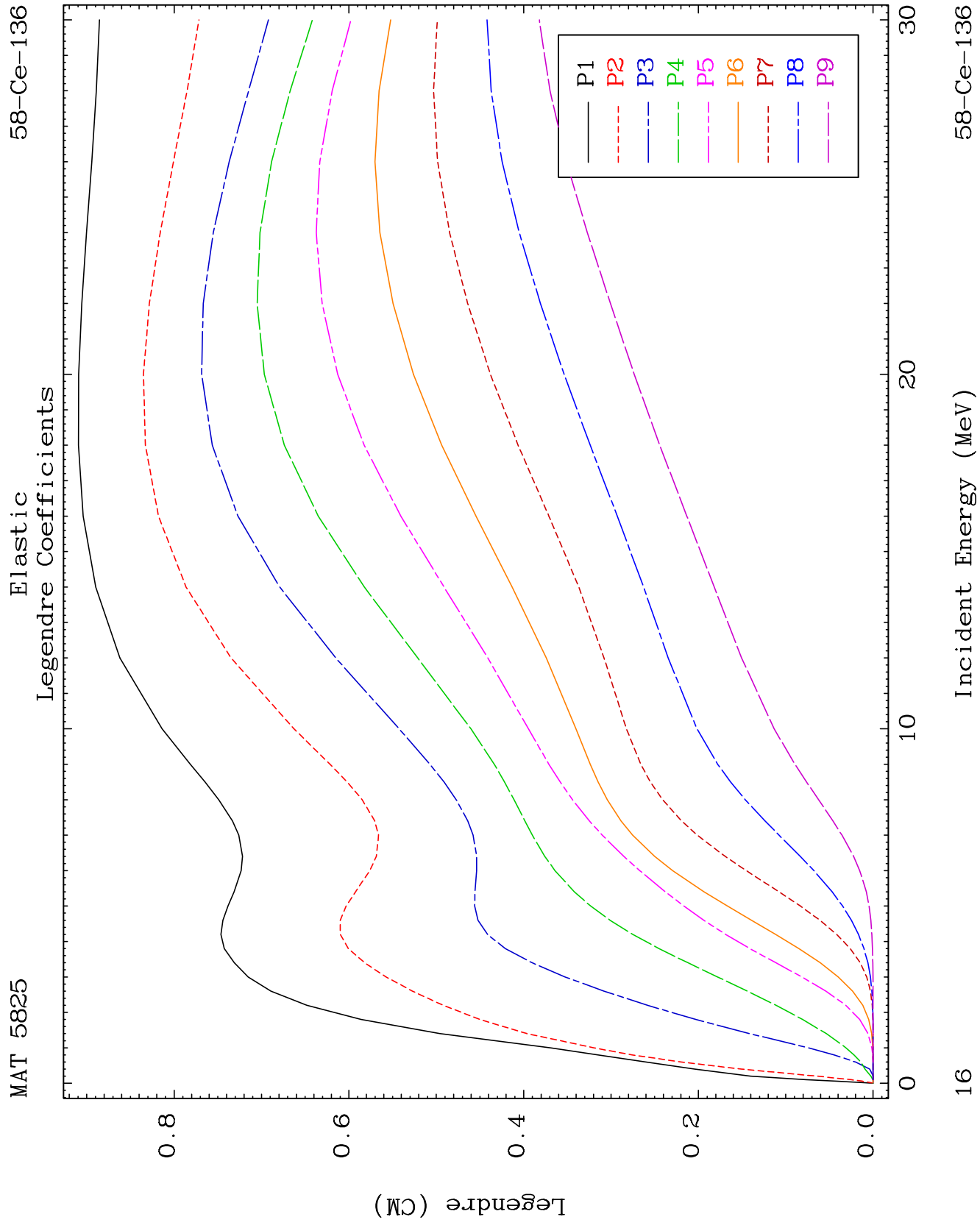


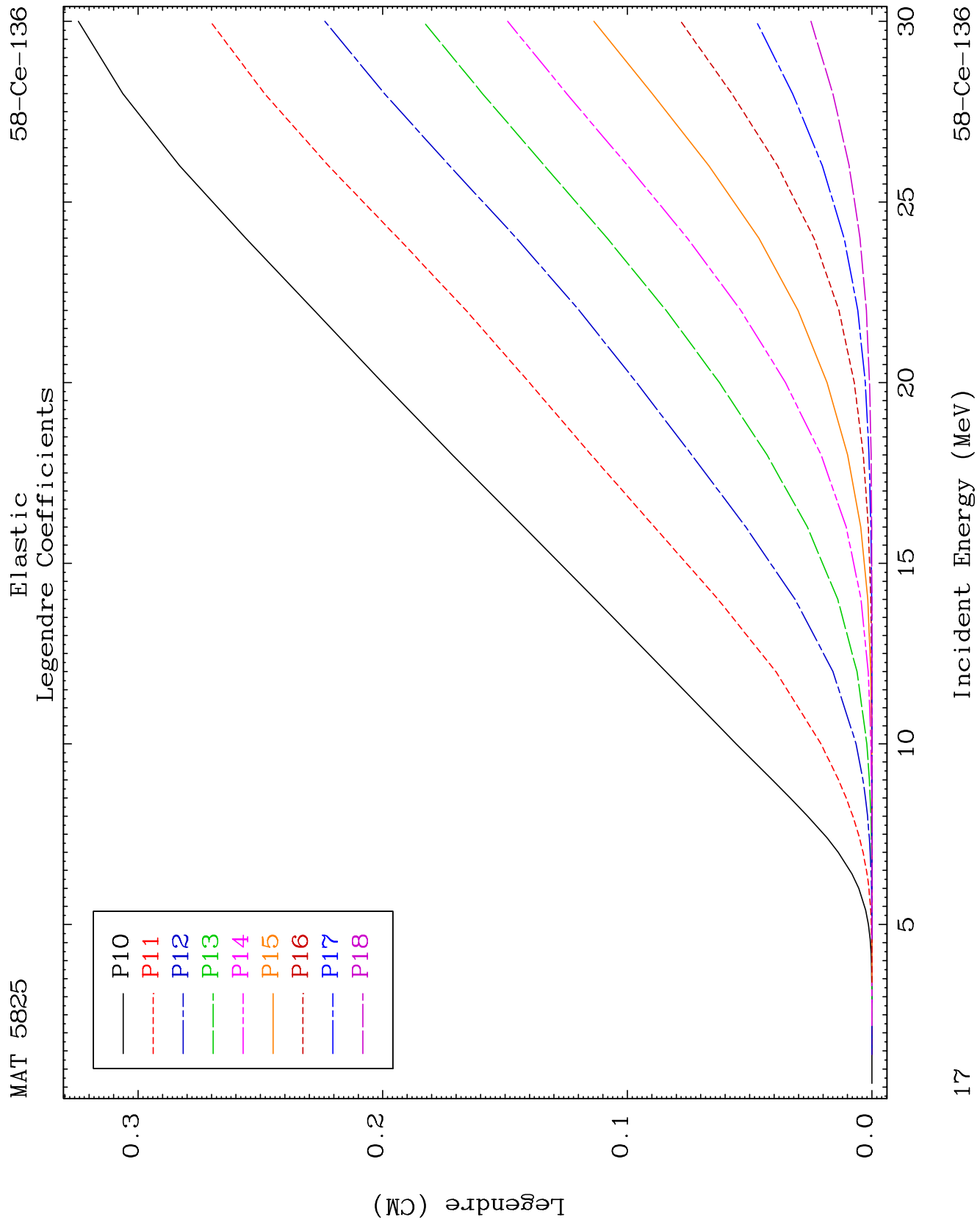
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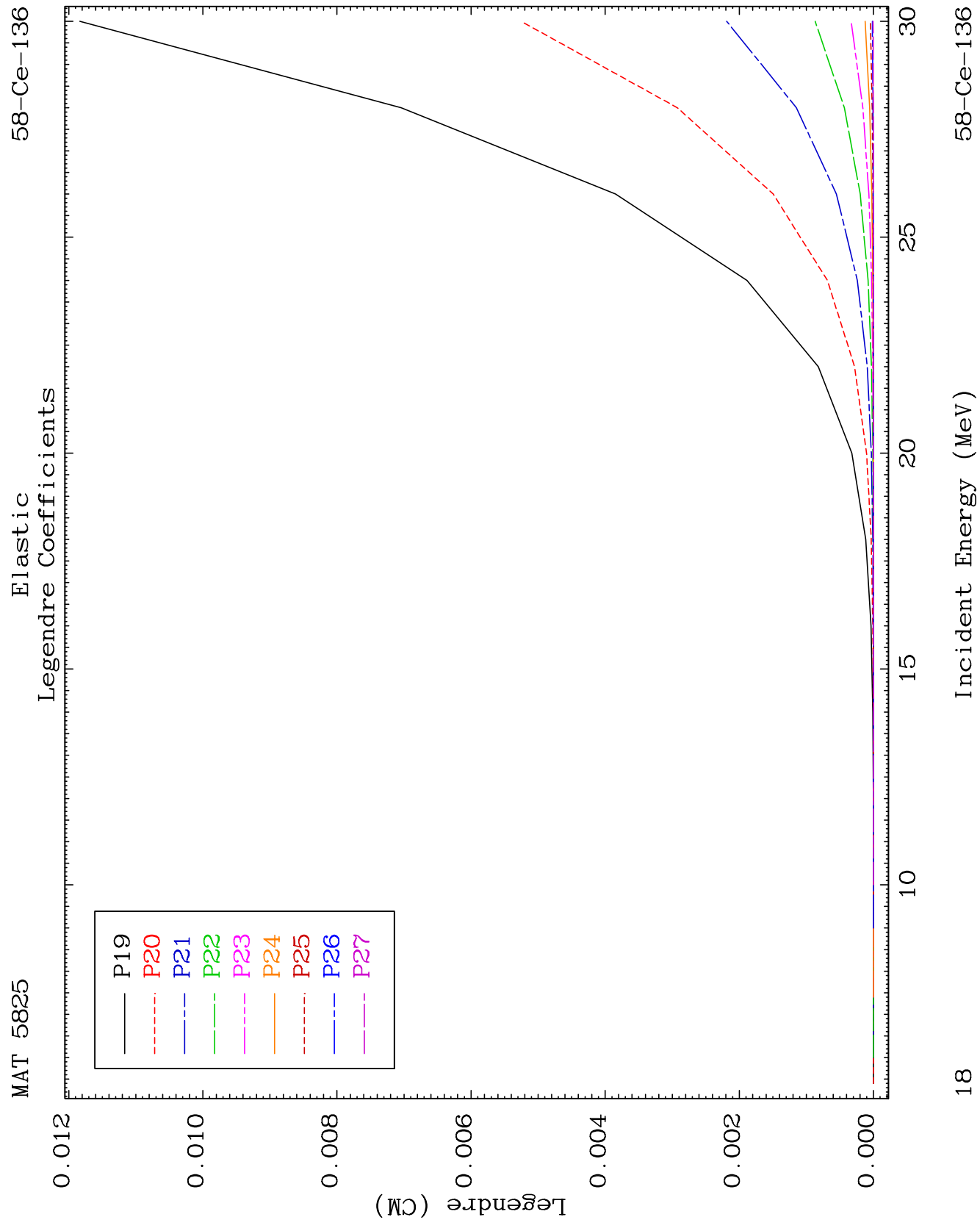
Incident Energy (MeV)

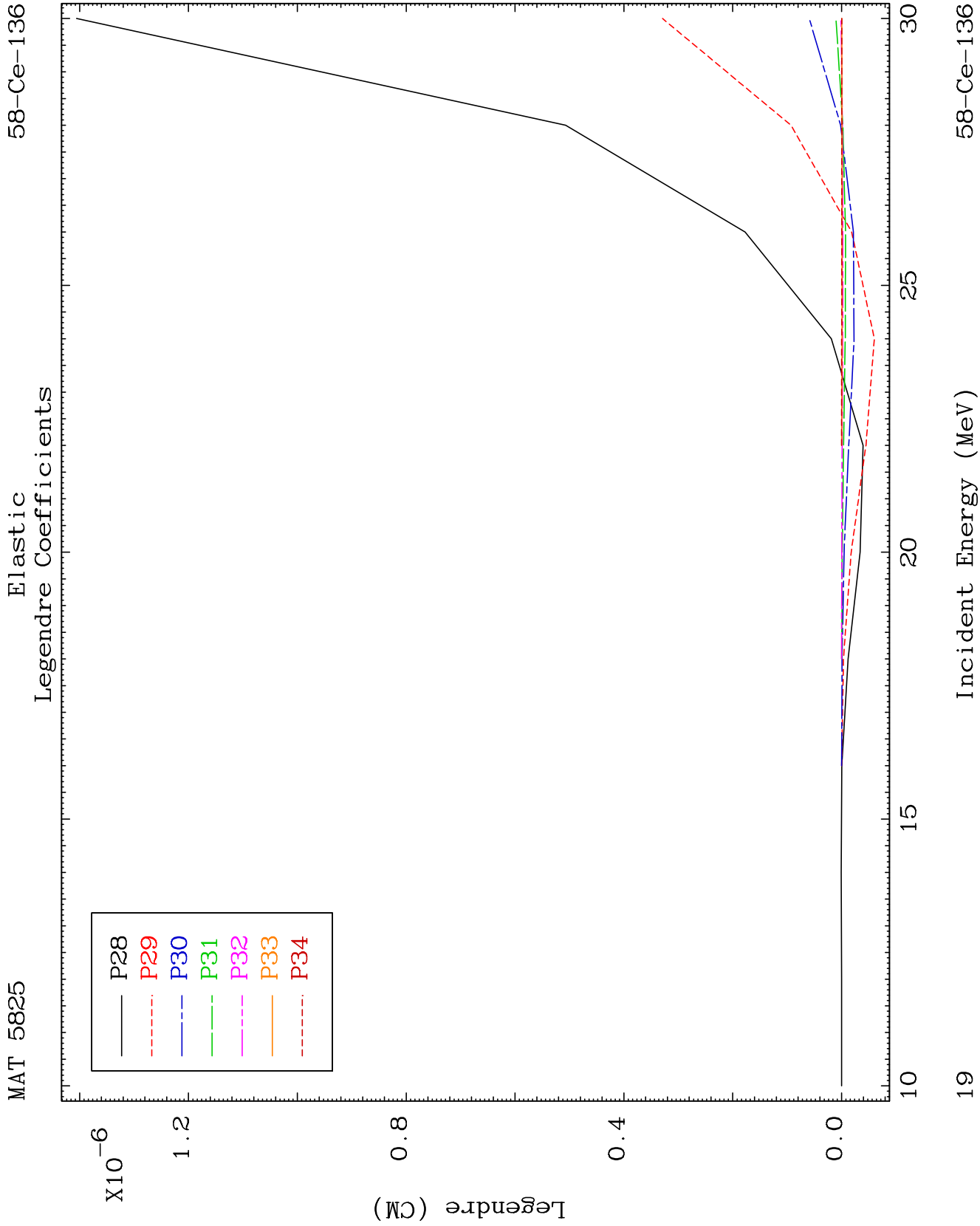
58-Ce-136







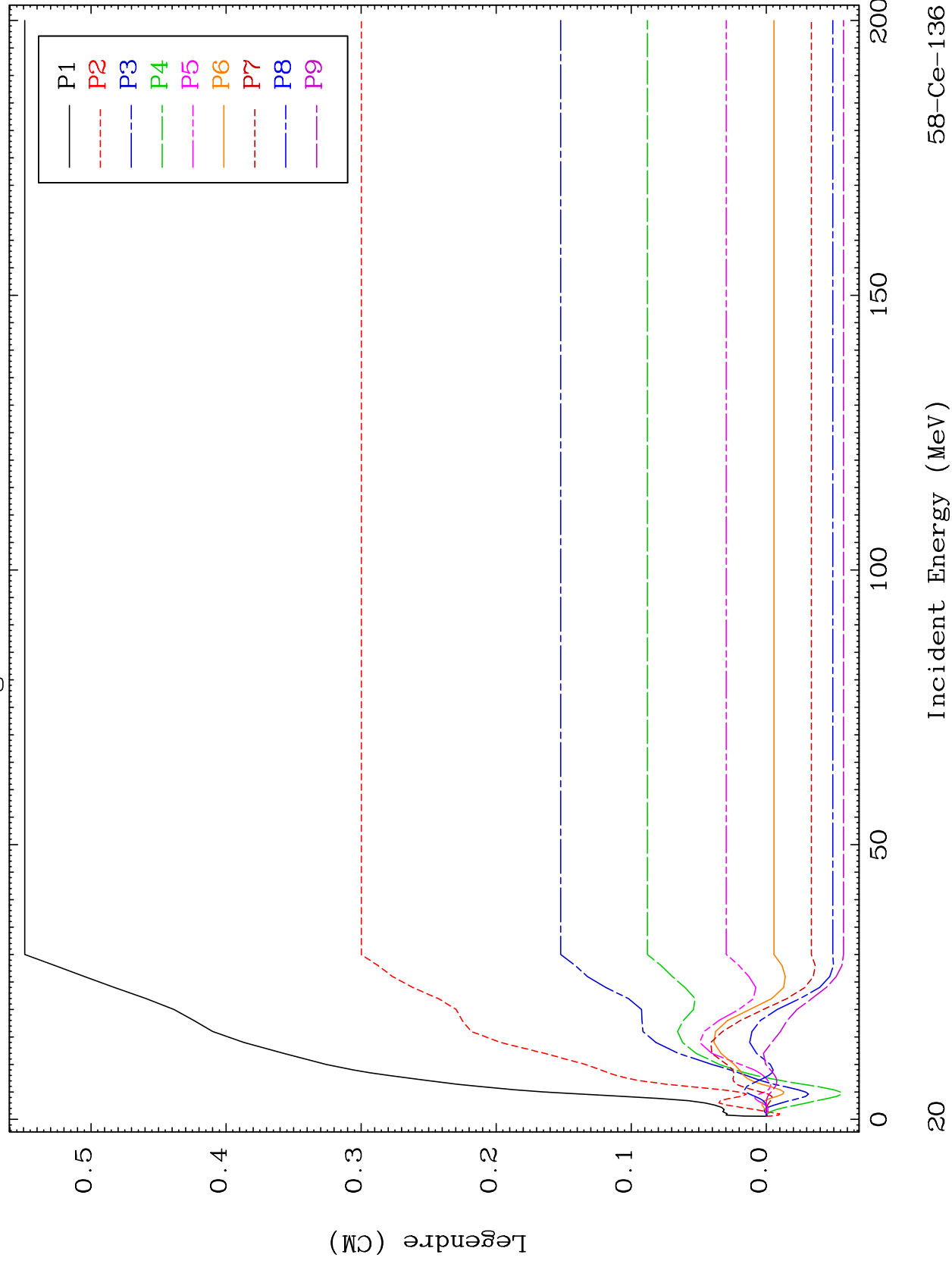




MAT 5825

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

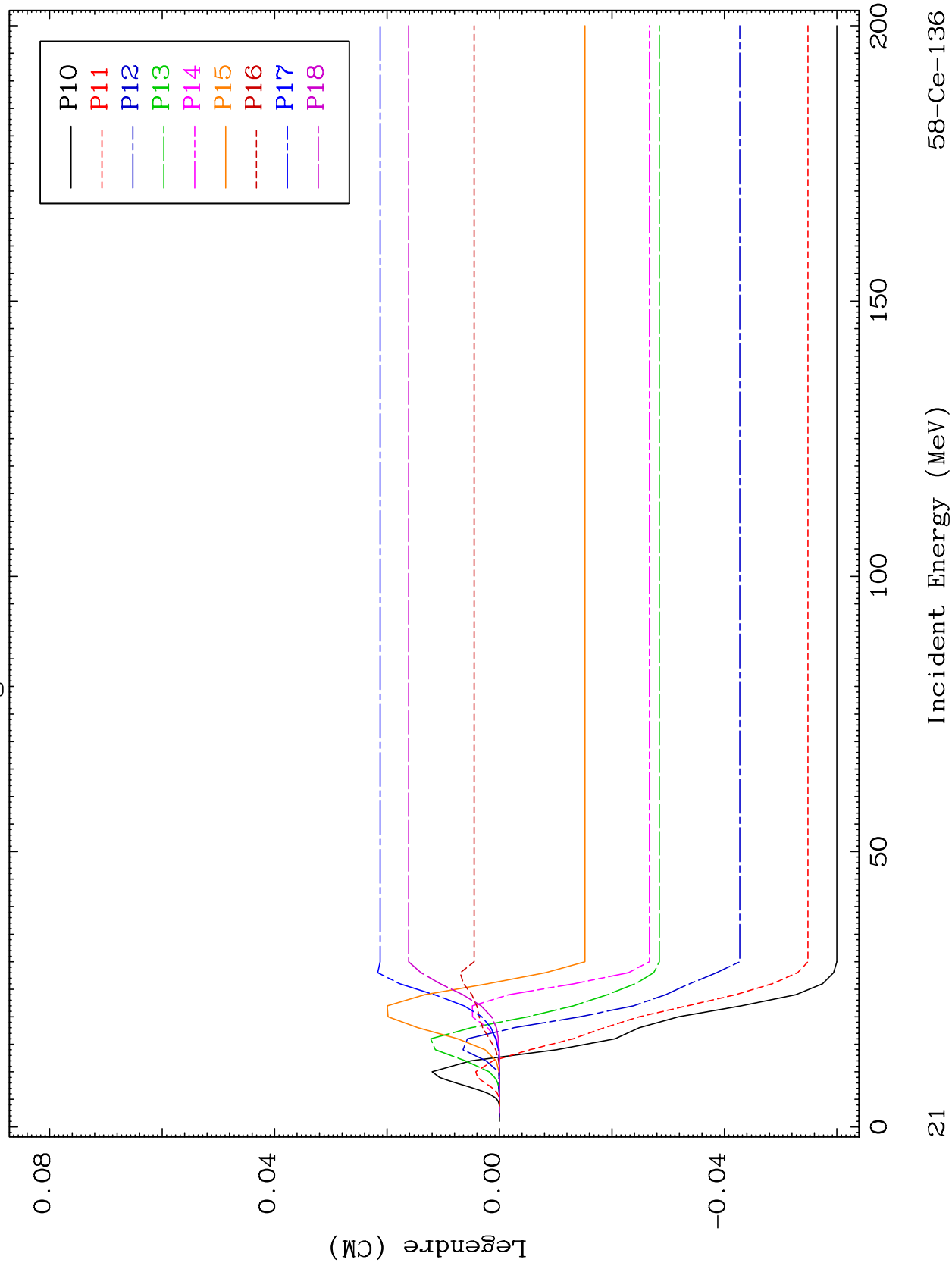
58-Ce-136



MAT 5825

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

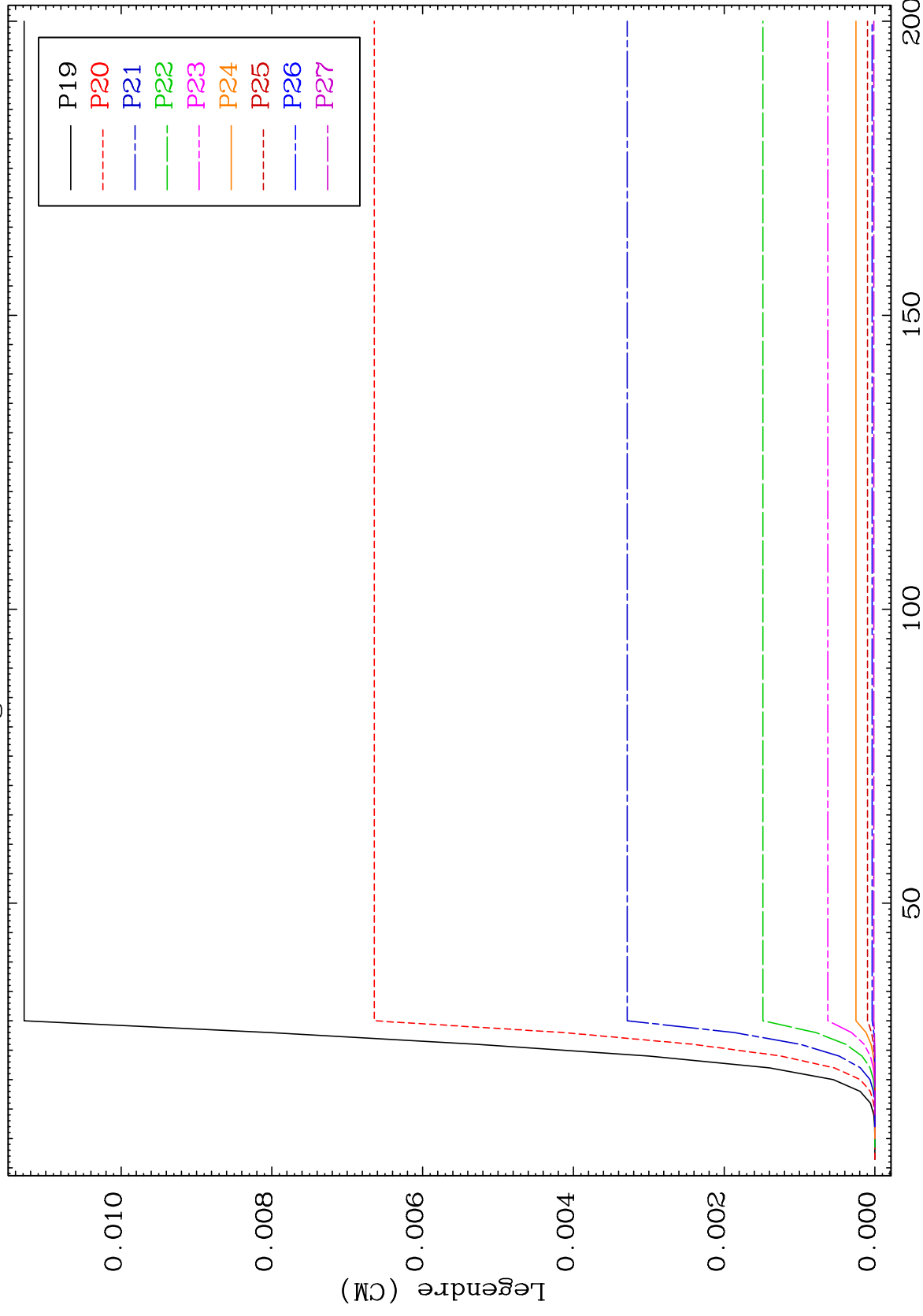
58-Ce-136



MAT 5825

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

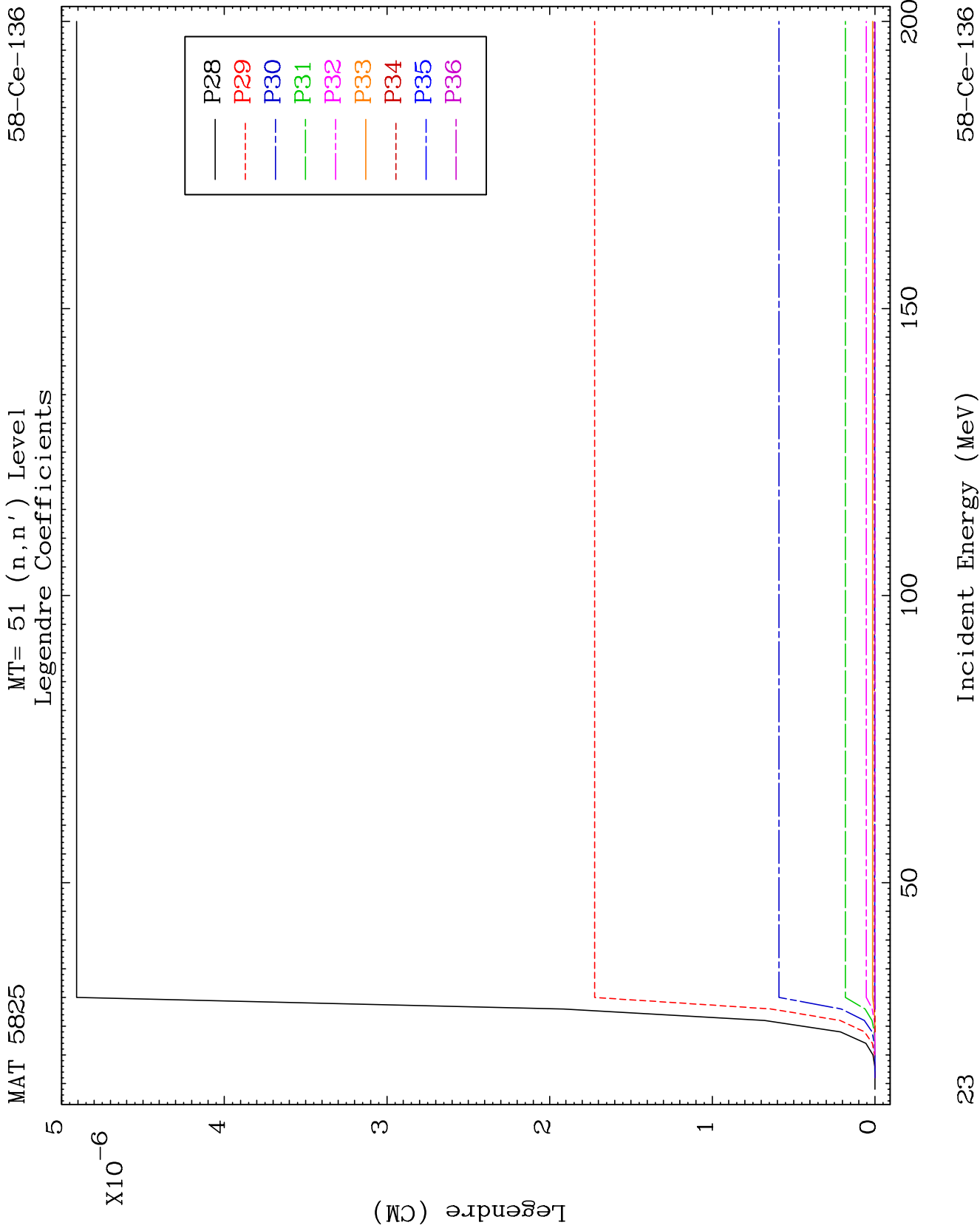
58-Ce-136

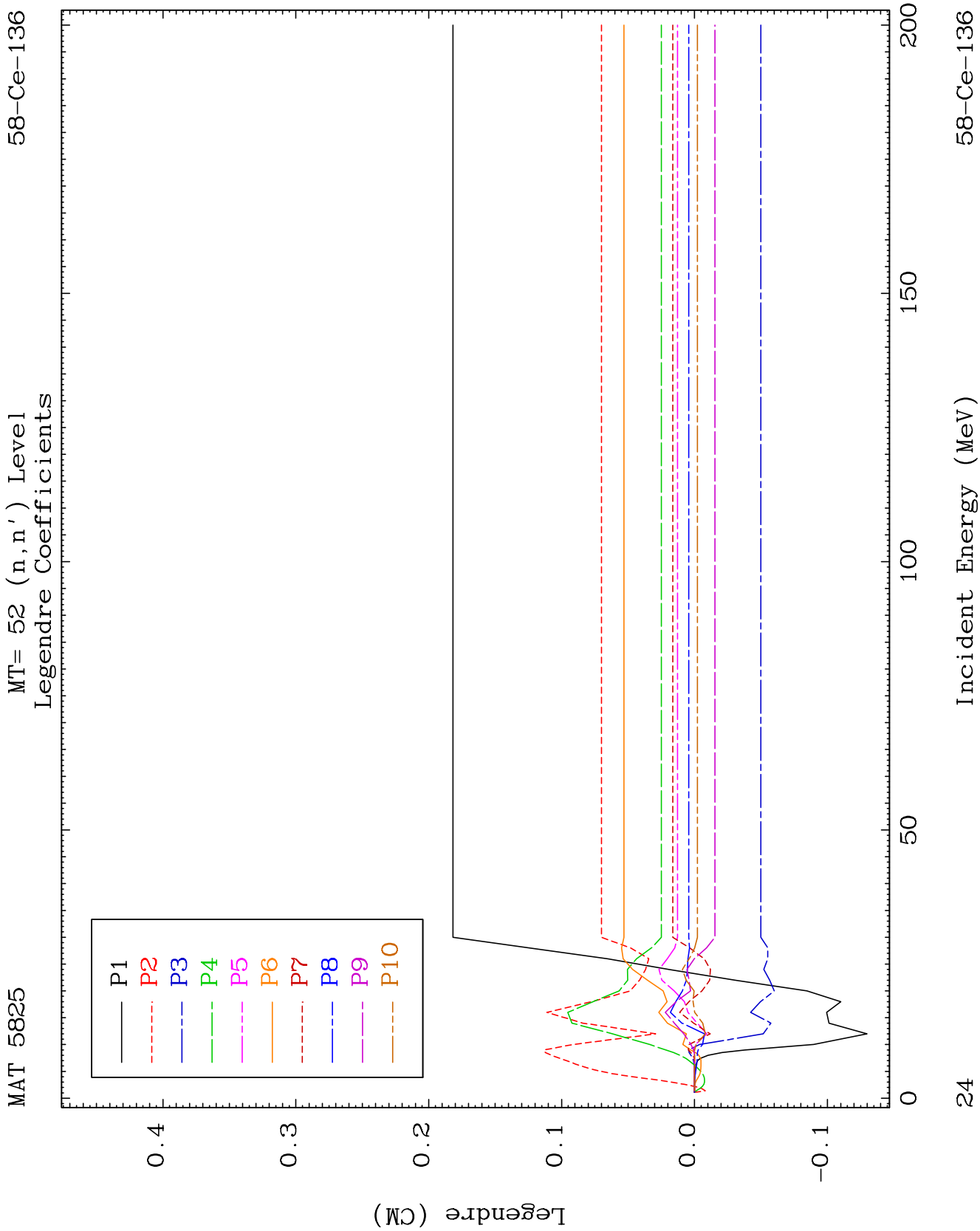


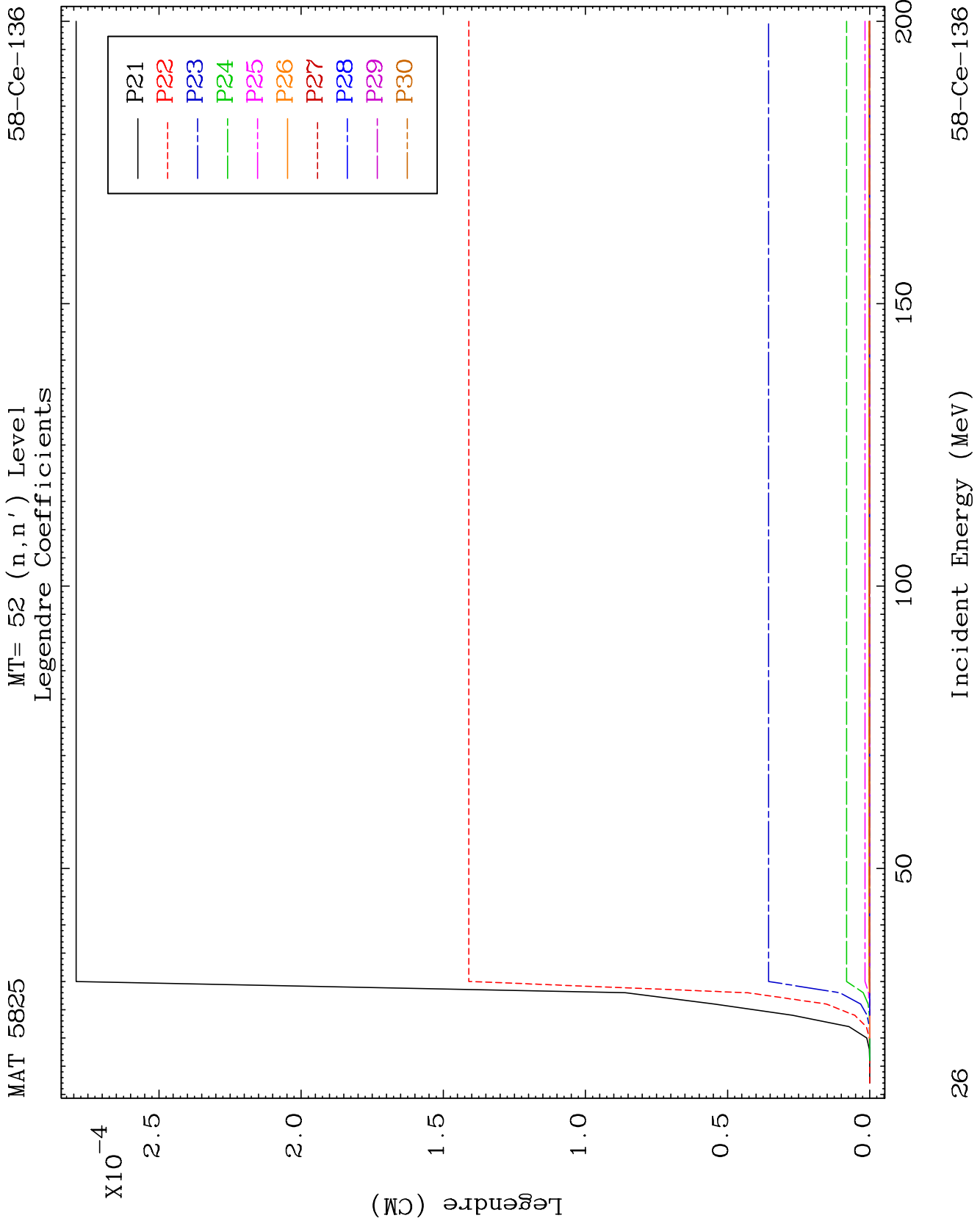
22

Incident Energy (MeV)

58-Ce-136



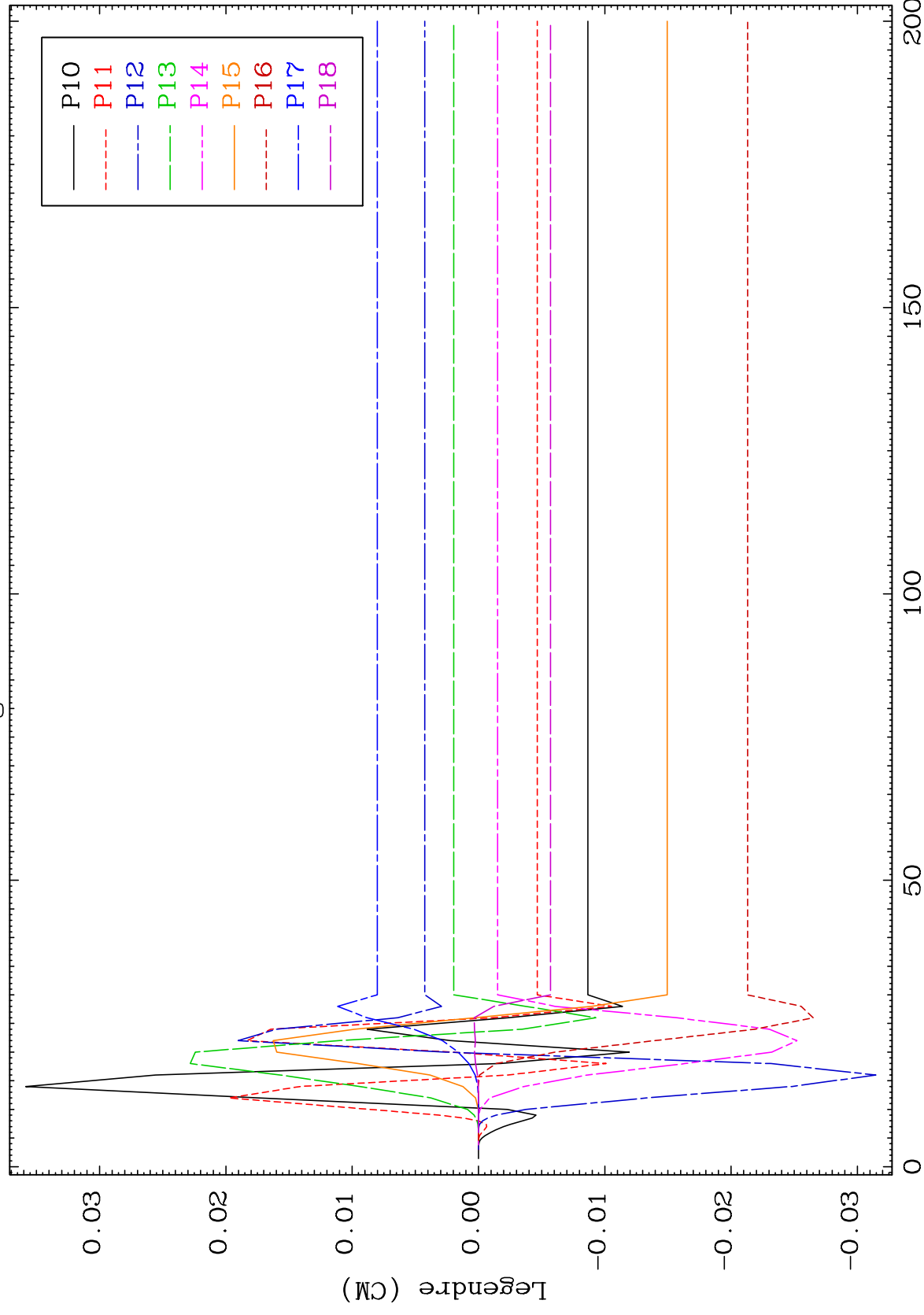




MAT 5825

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

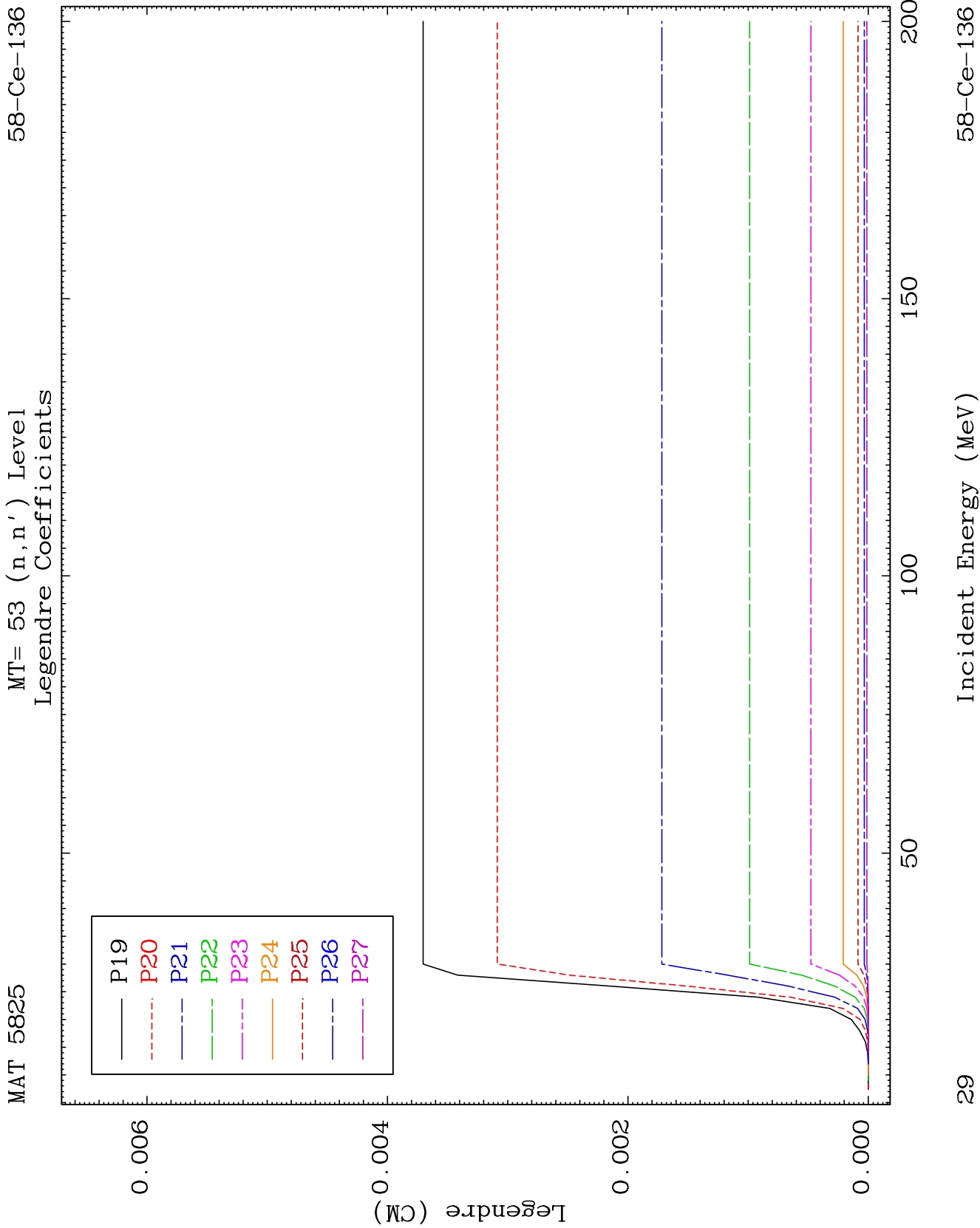
58-Ce-136

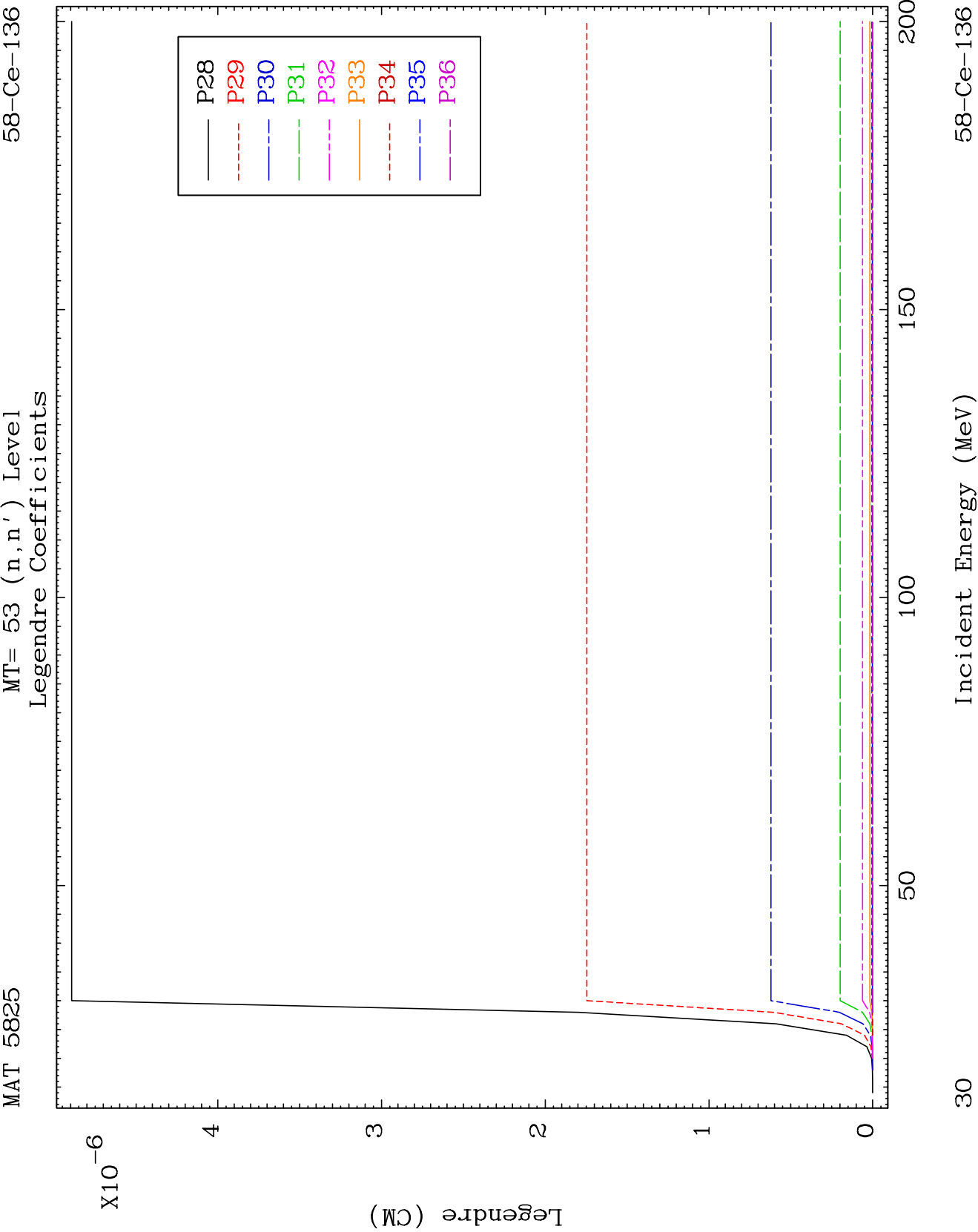


28

Incident Energy (MeV)

58-Ce-136

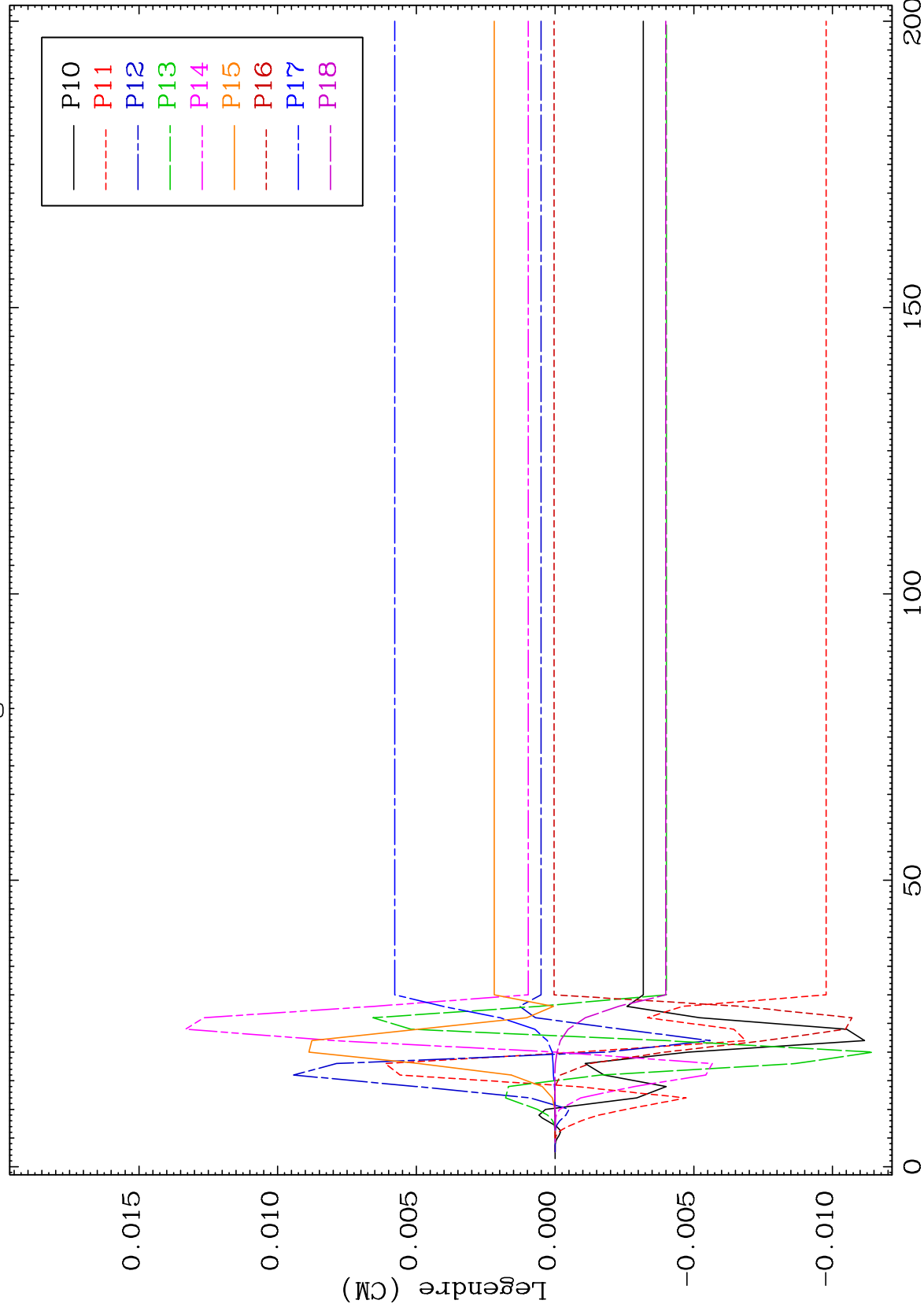




MAT 5825

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

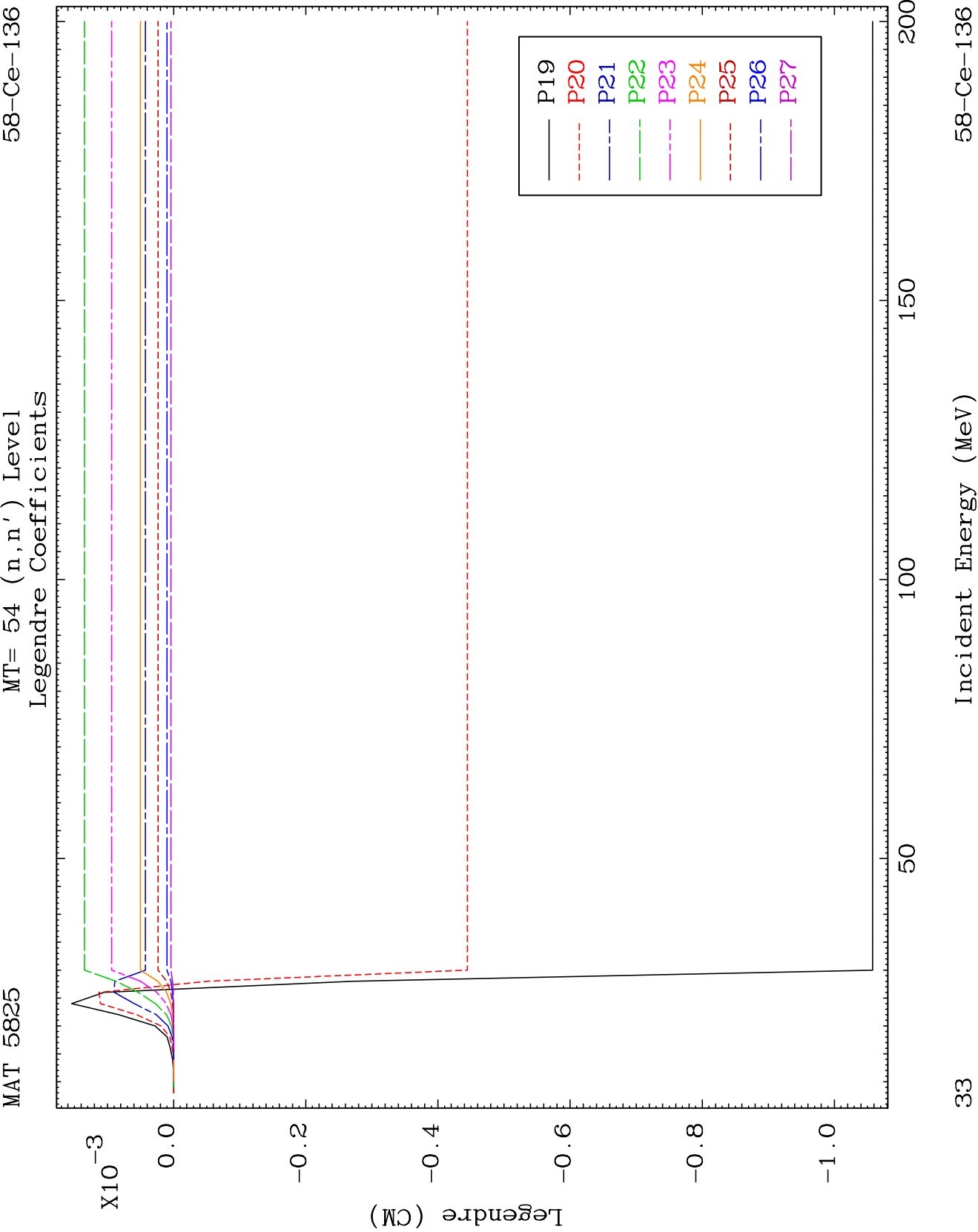
58-Ce-136



23

Incident Energy (MeV)

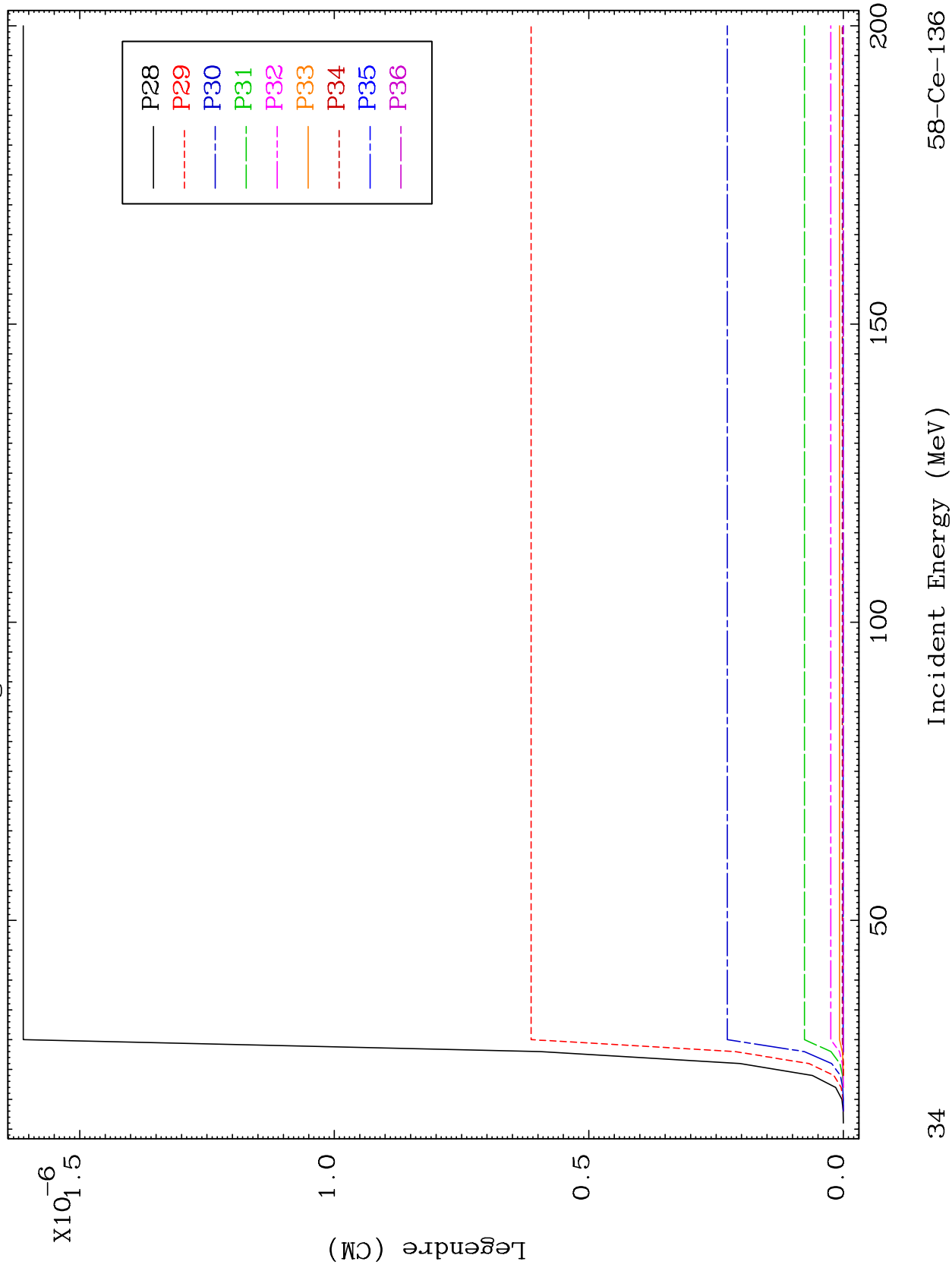
58-Ce-136

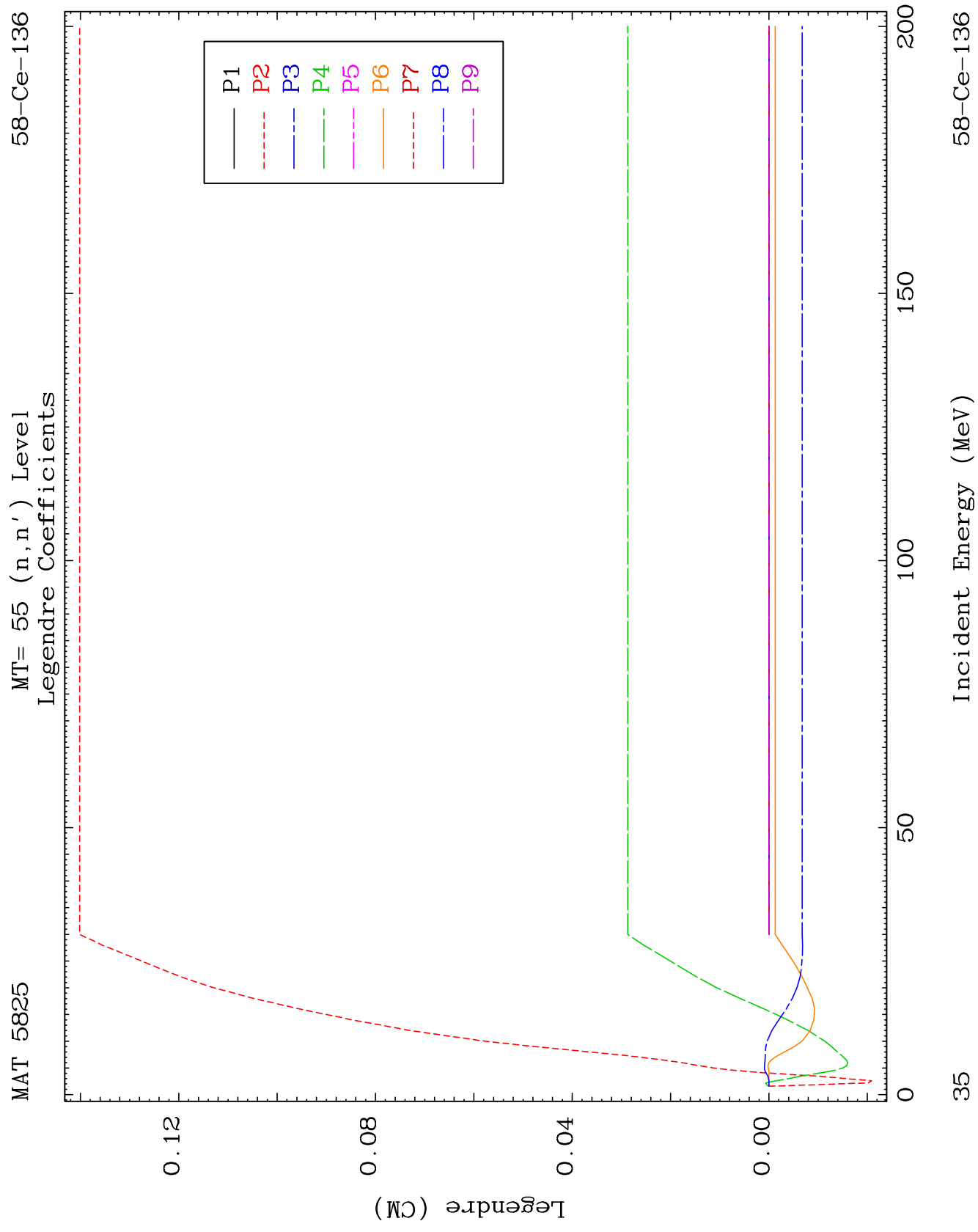


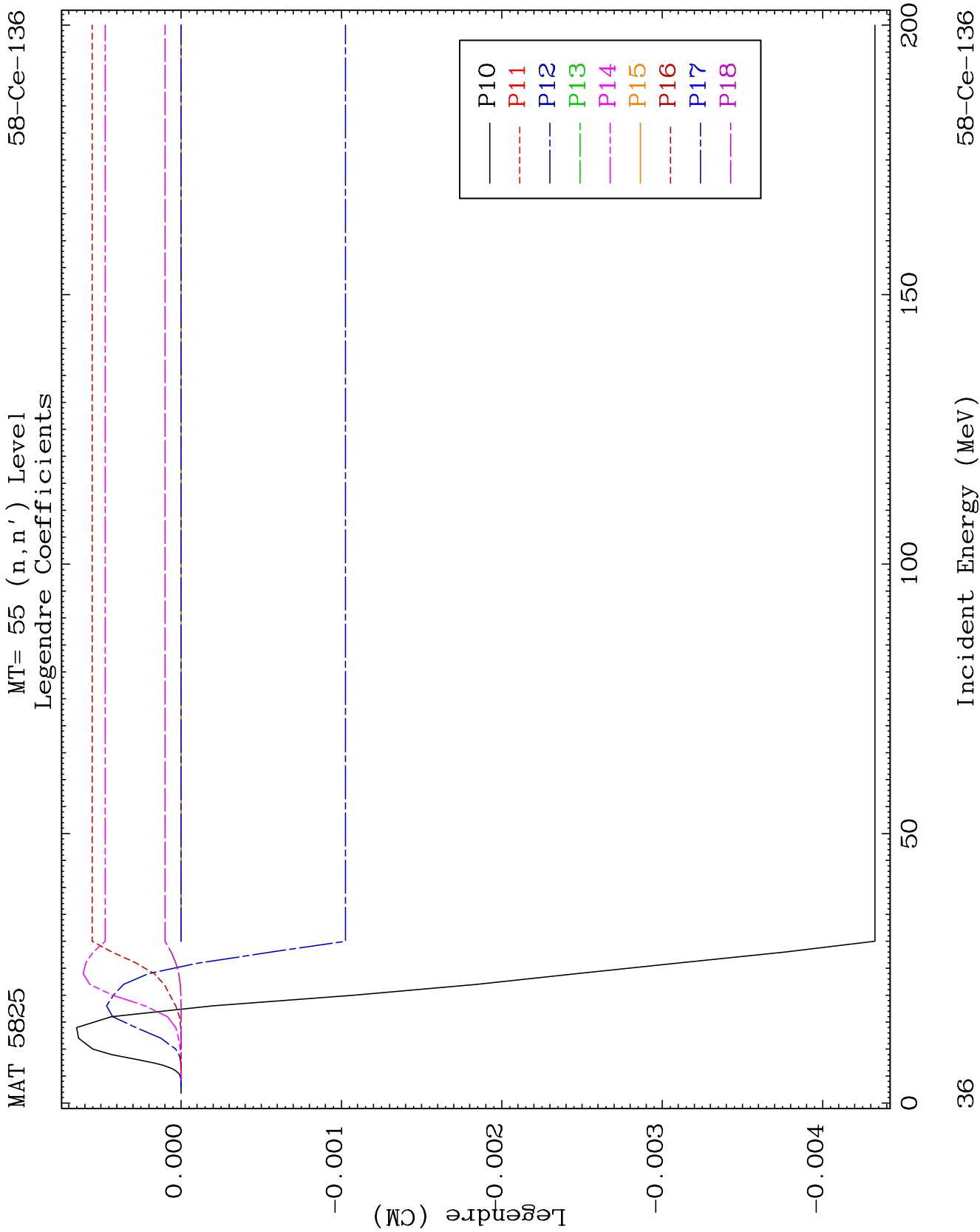
MAT 5825

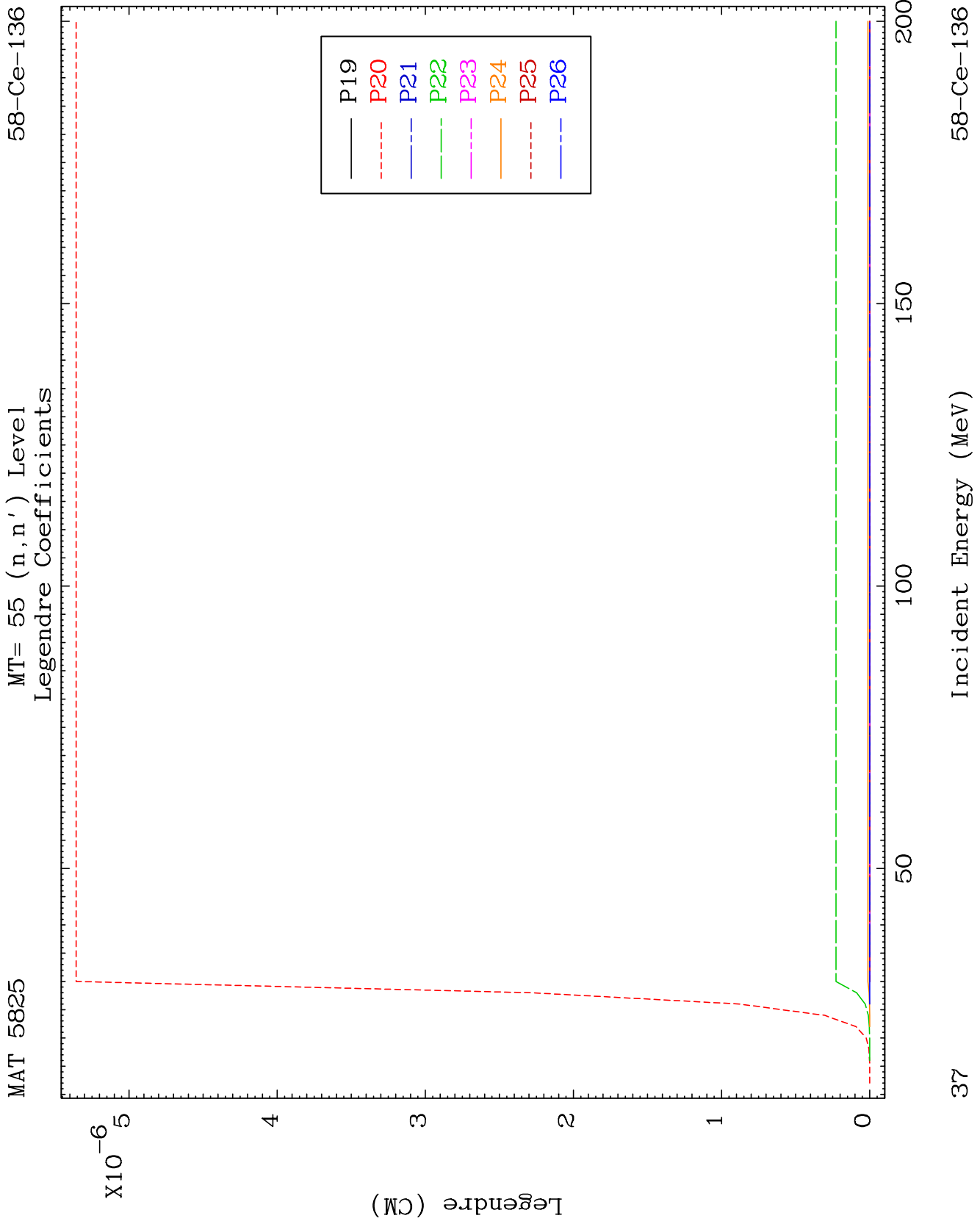
MT= 54 (n, n') Level
Legendre Coefficients

58-Ce-136





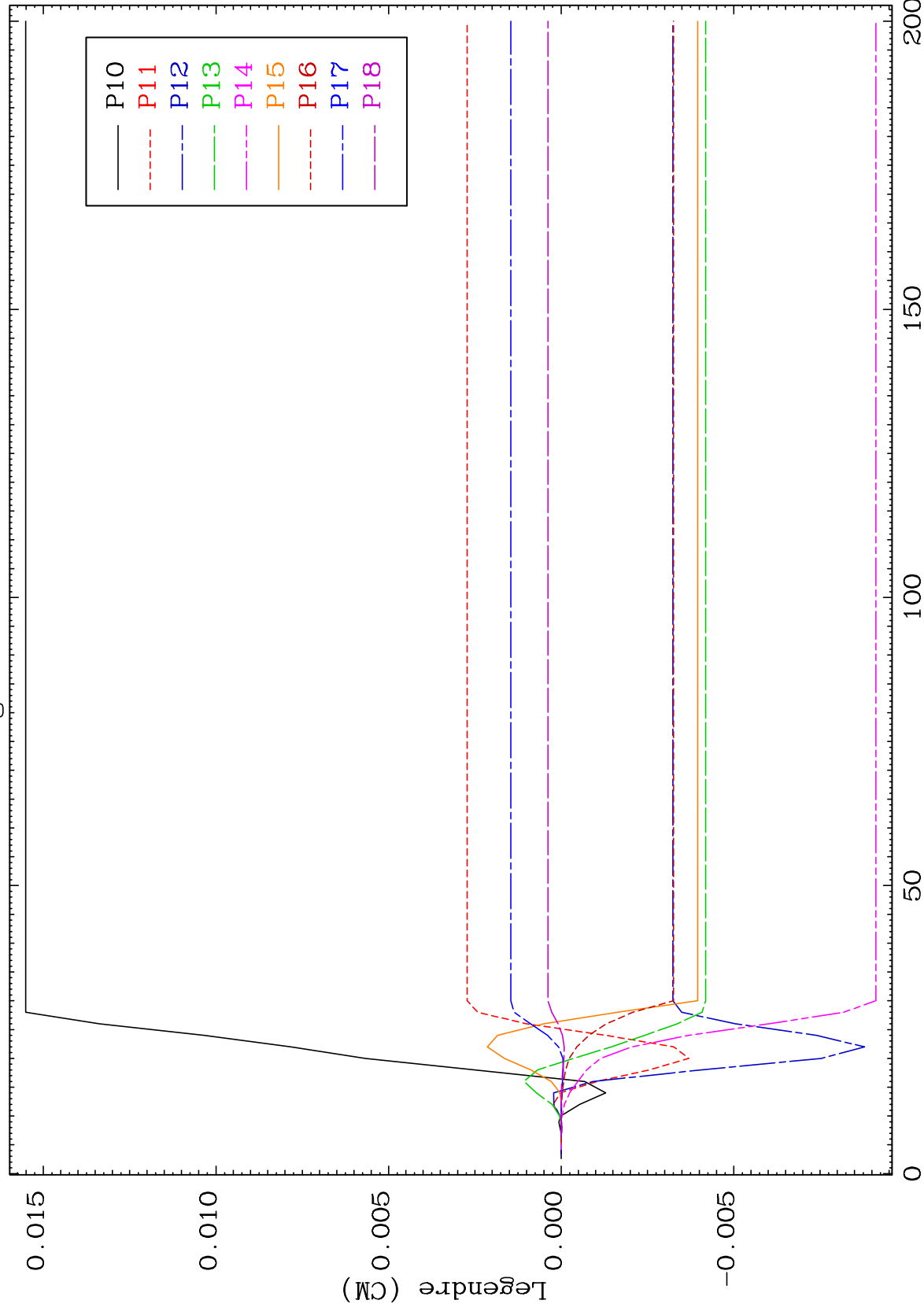




MAT 5825

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

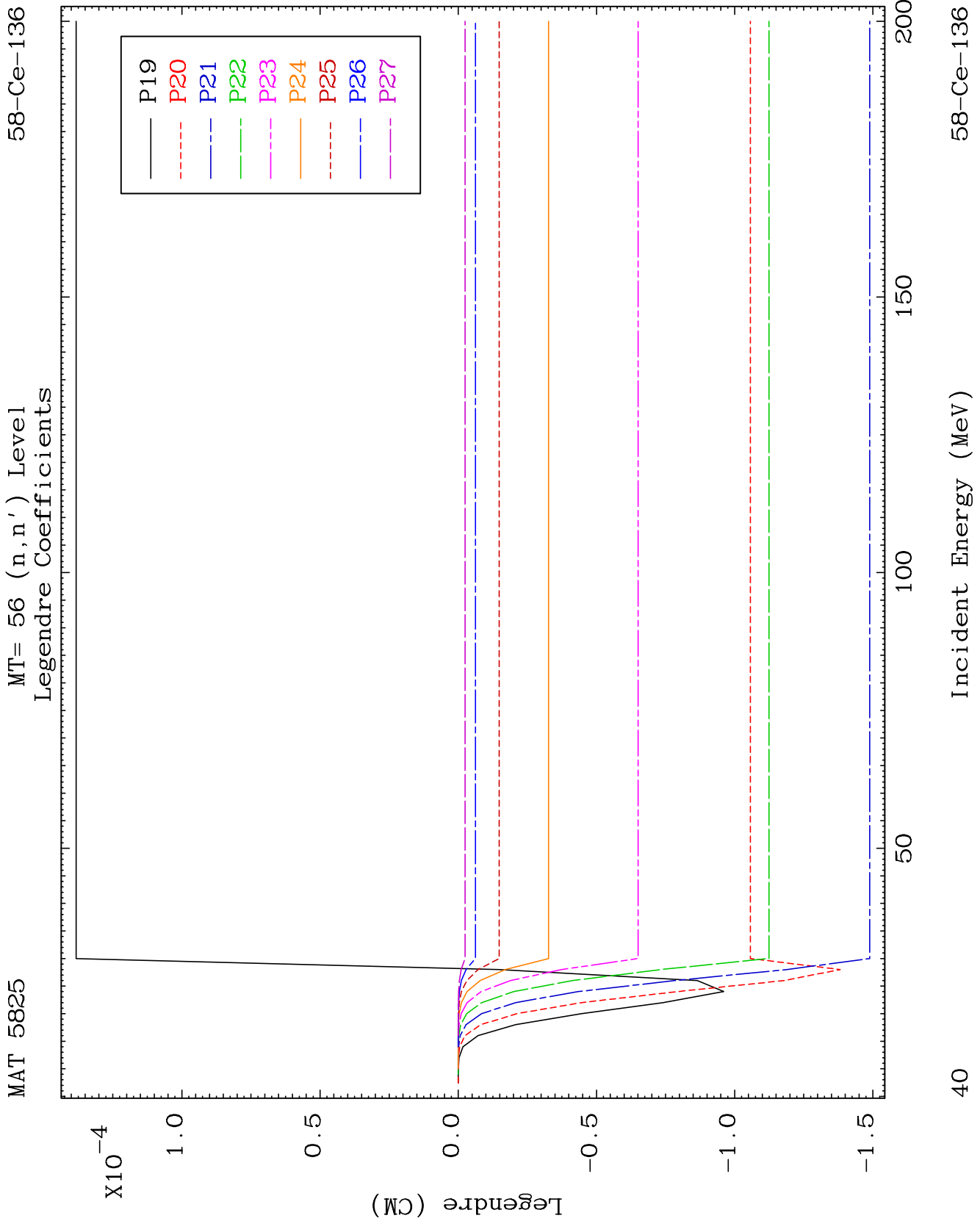
58-Ce-136

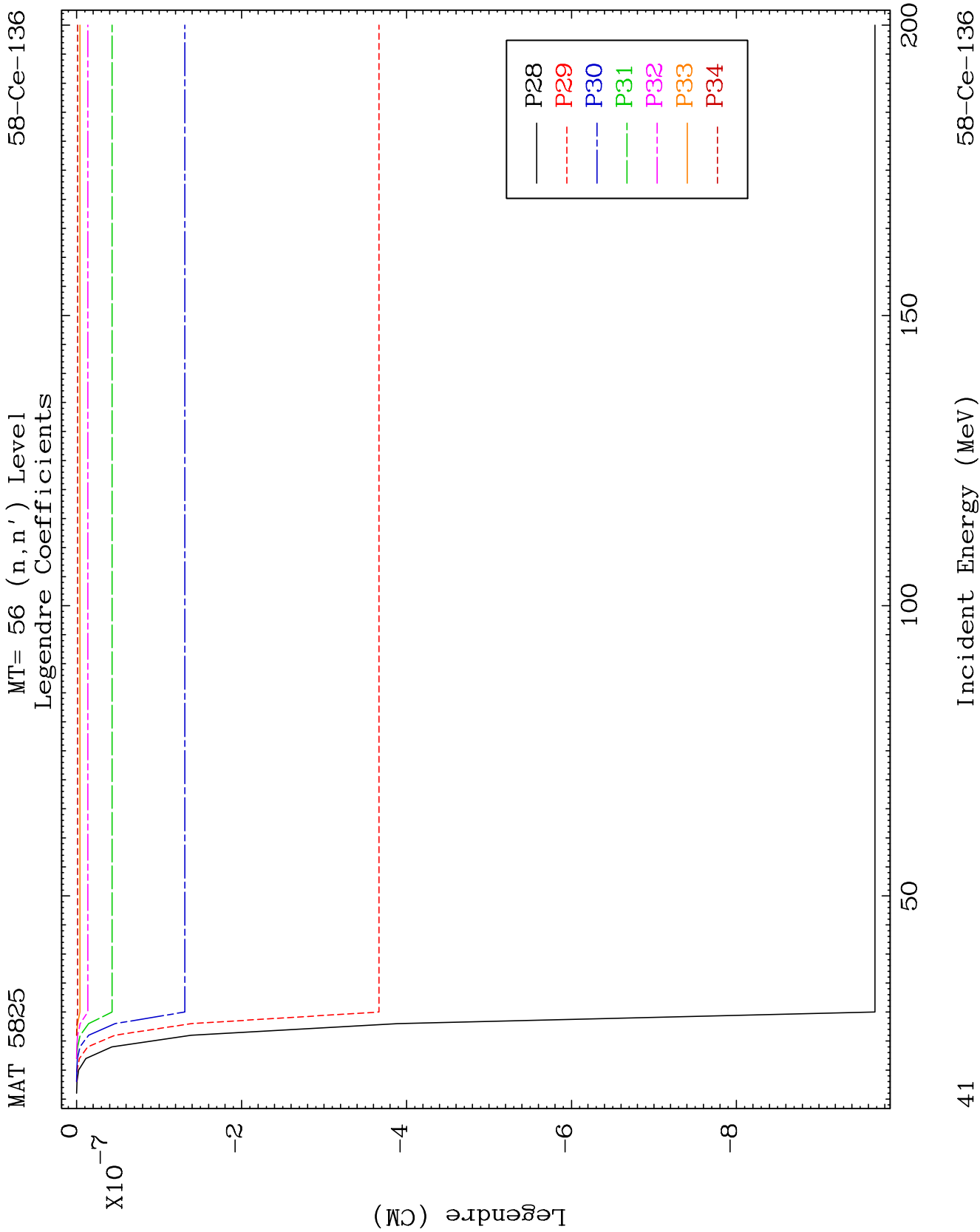


39

Incident Energy (MeV)

58-Ce-136

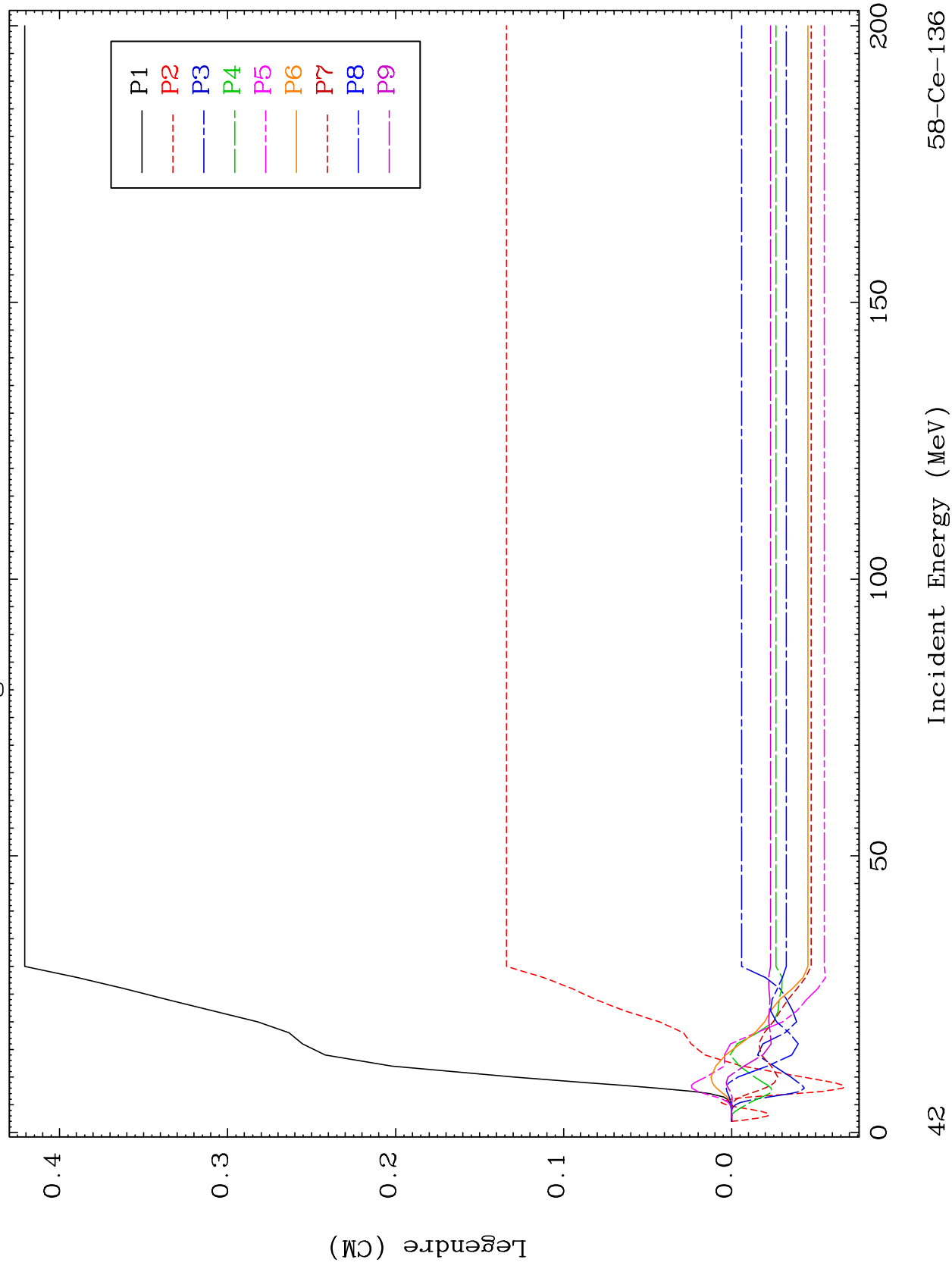


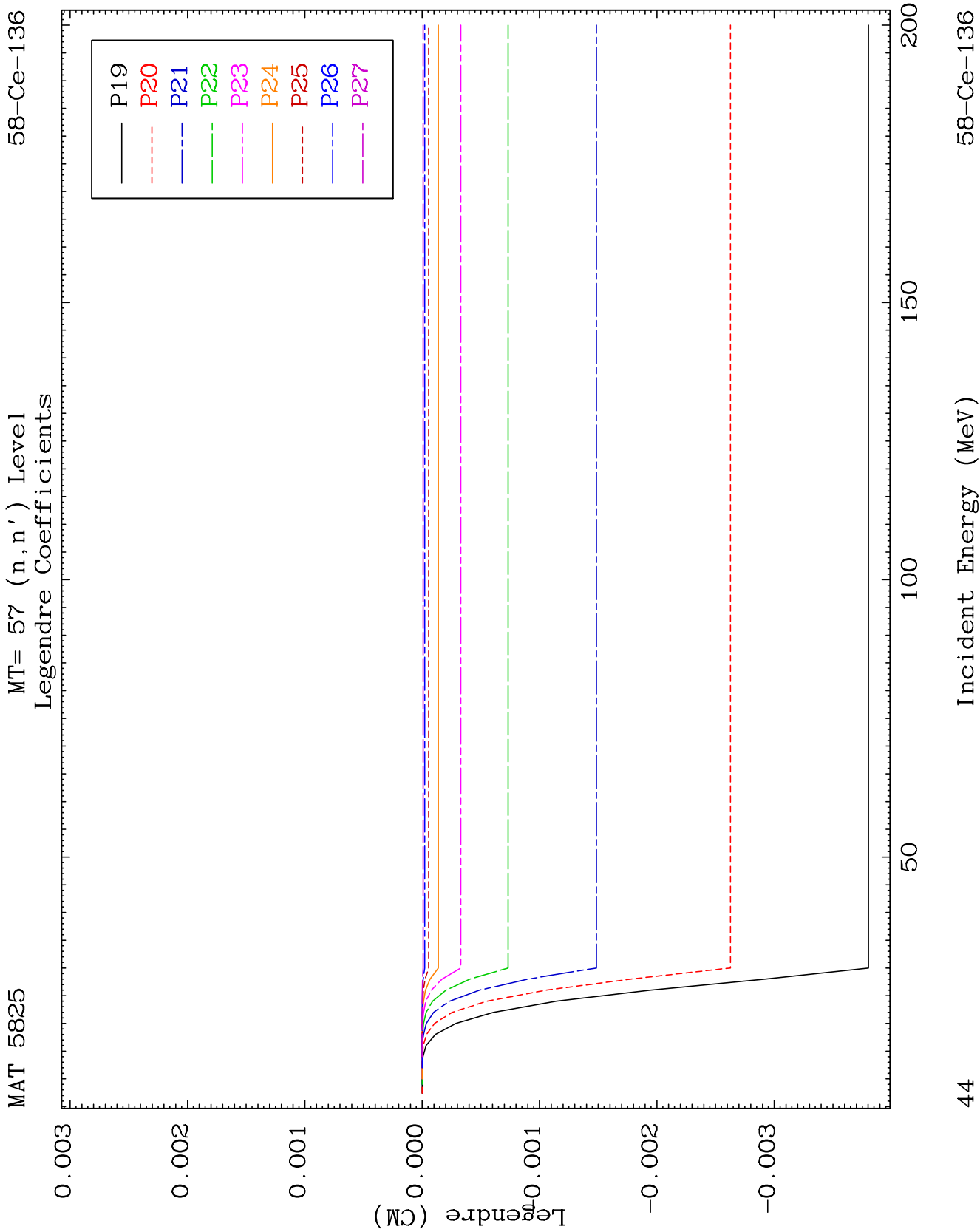


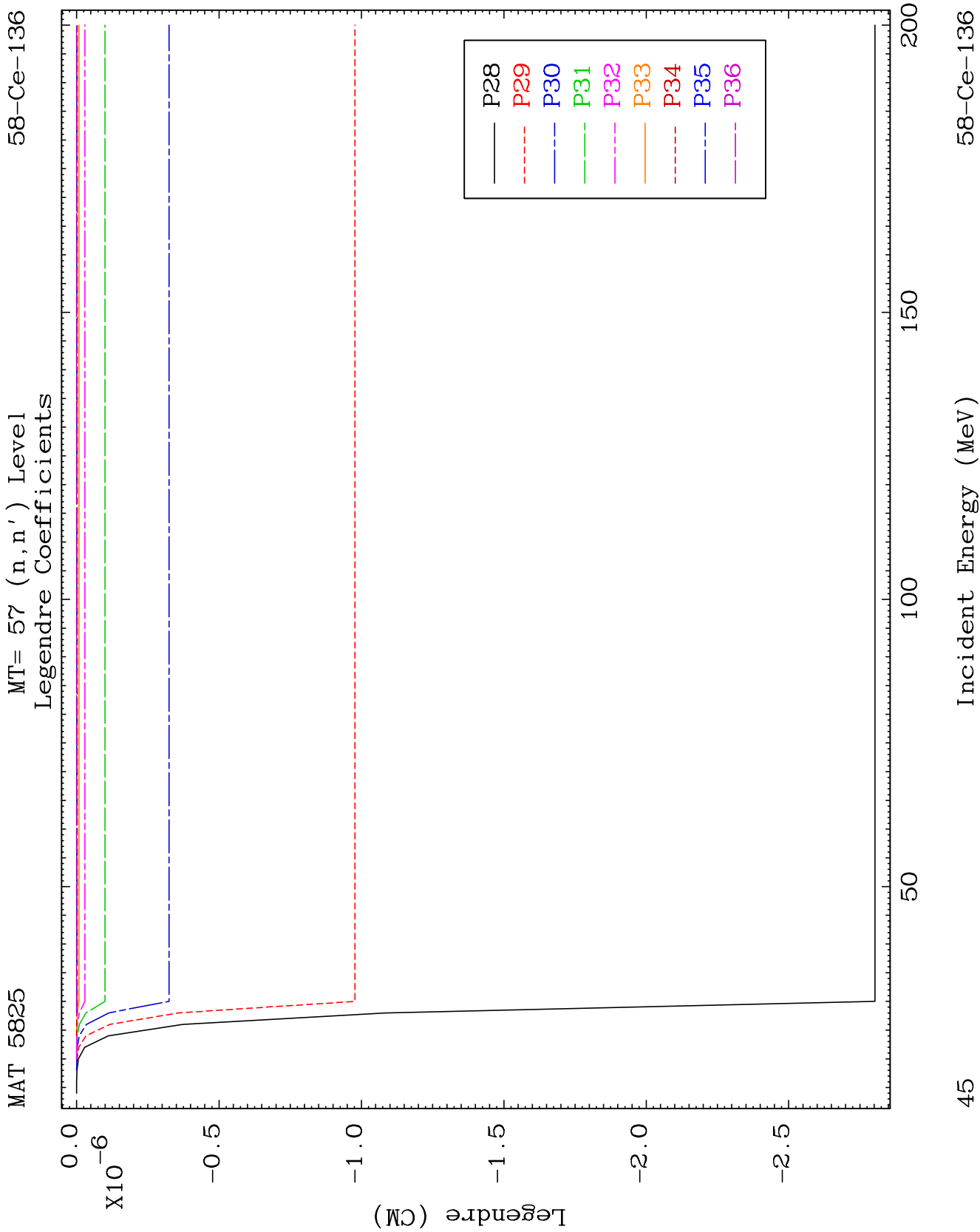
MAT 5825

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

58-Ce-136



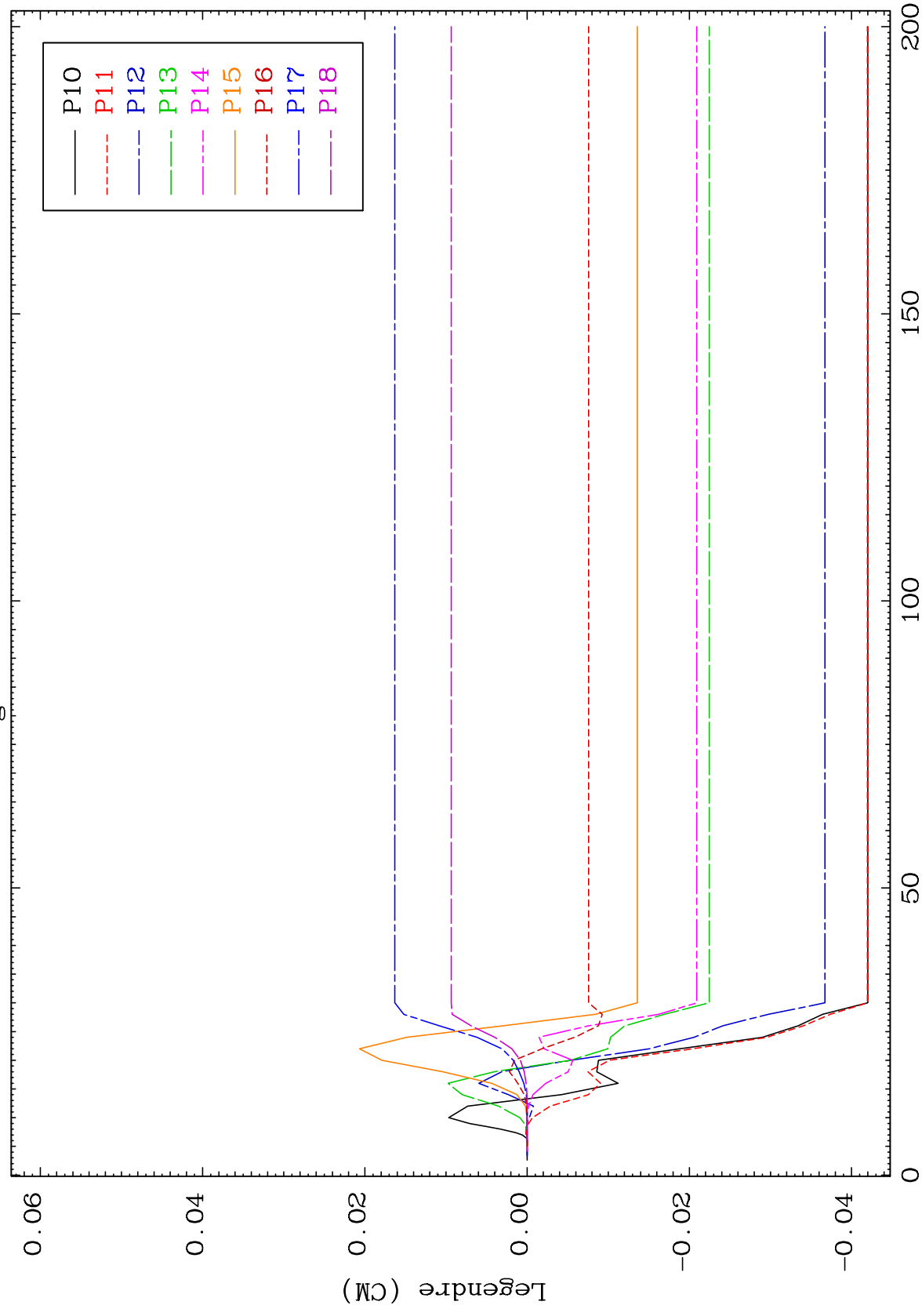




MAT 5825

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

58-Ce-136



24

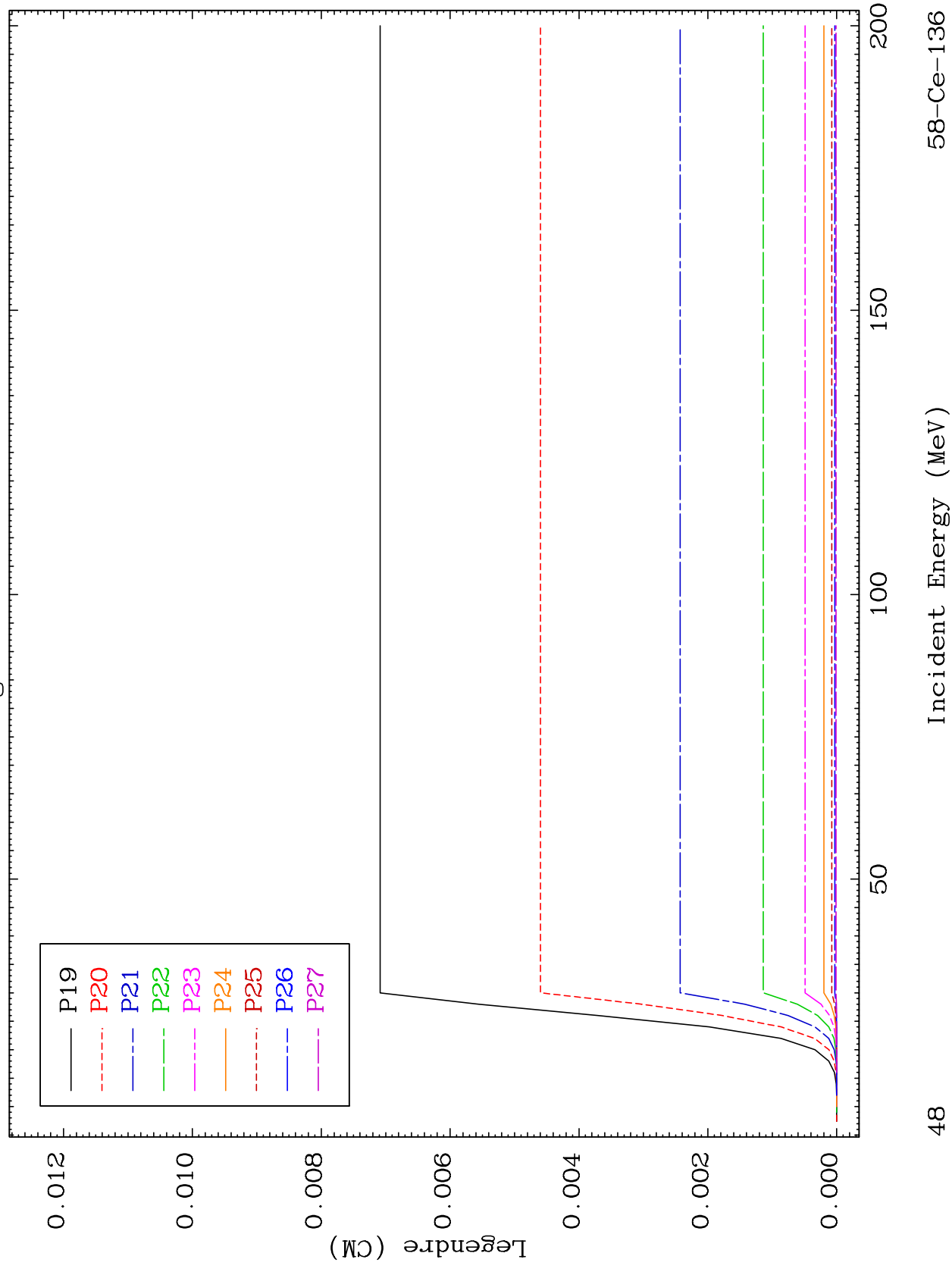
Incident Energy (MeV)

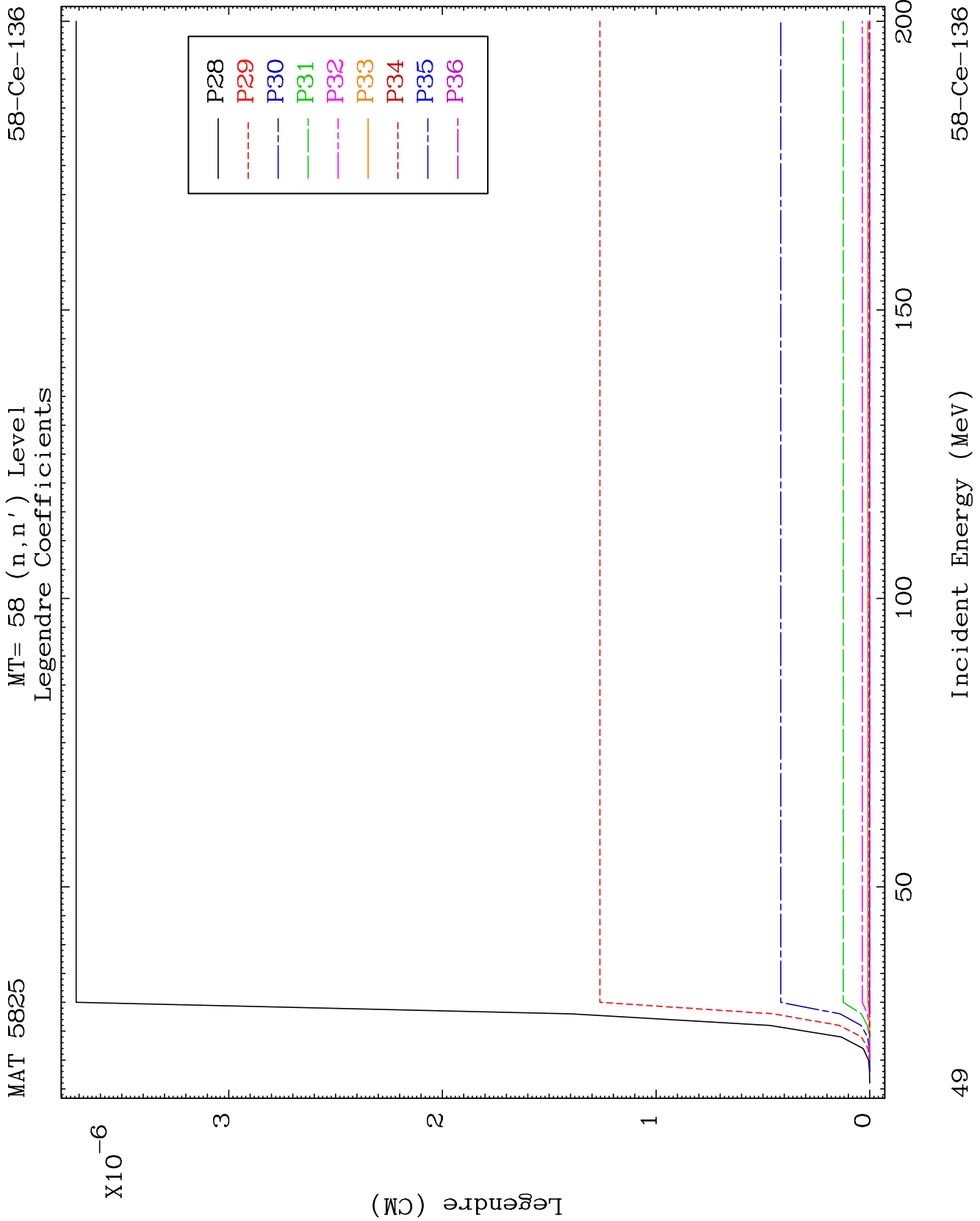
58-Ce-136

MAT 5825

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

58-Ce-136

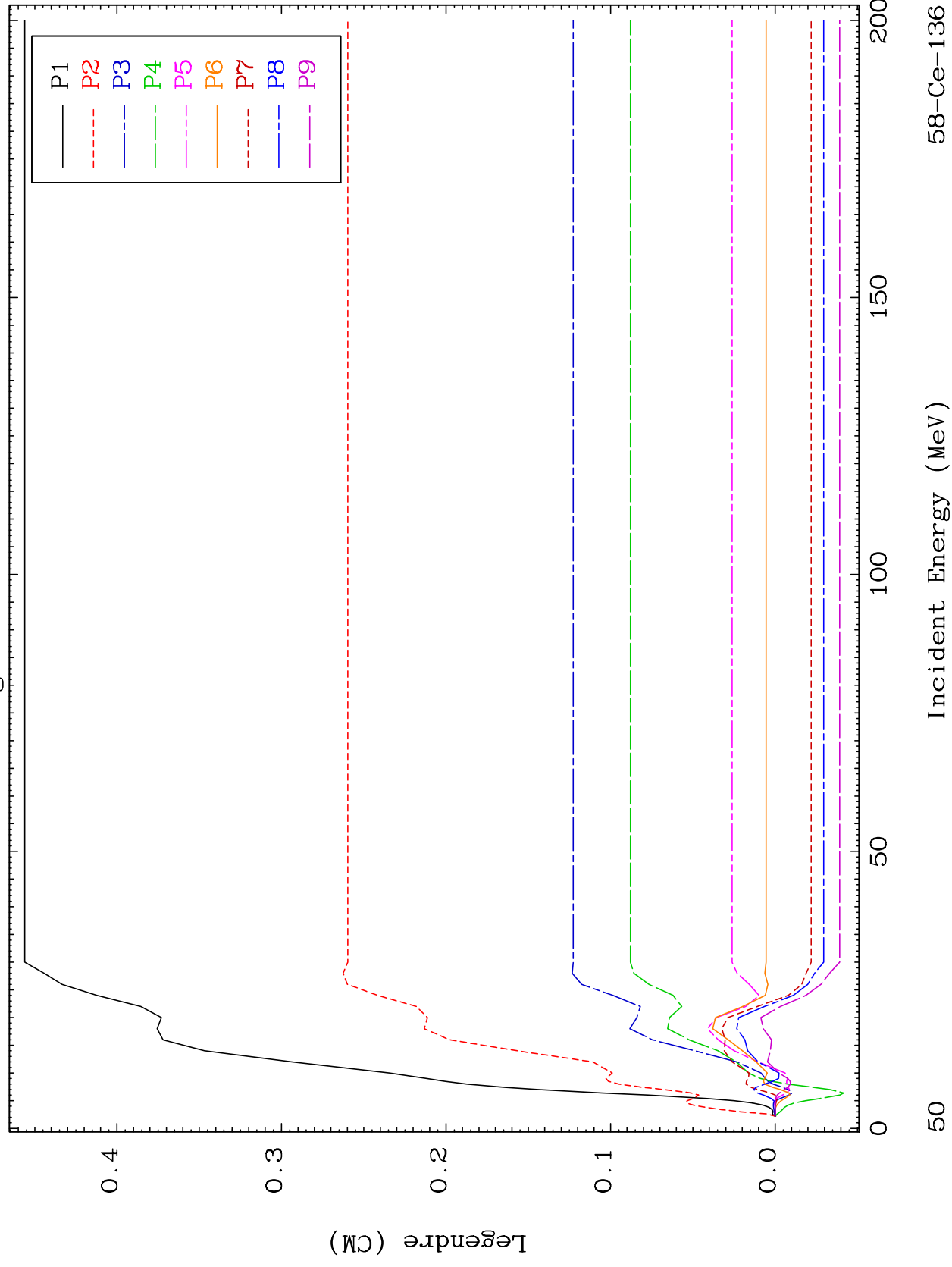




MAT 5825

MT= 59 (n, n') Level
Legendre Coefficients

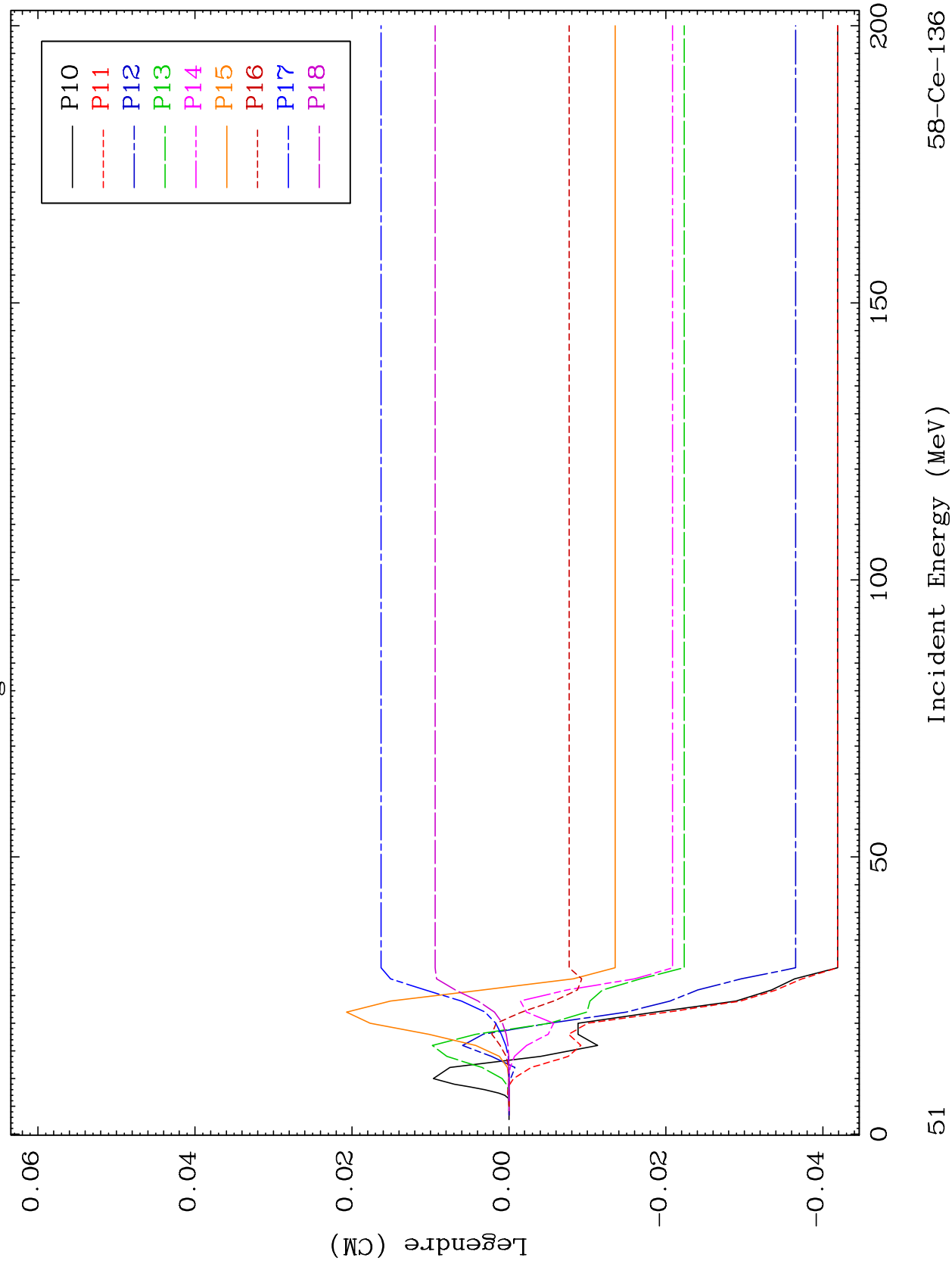
58-Ce-136



MAT 5825

MT= 59 (n, n') Level
Legendre Coefficients

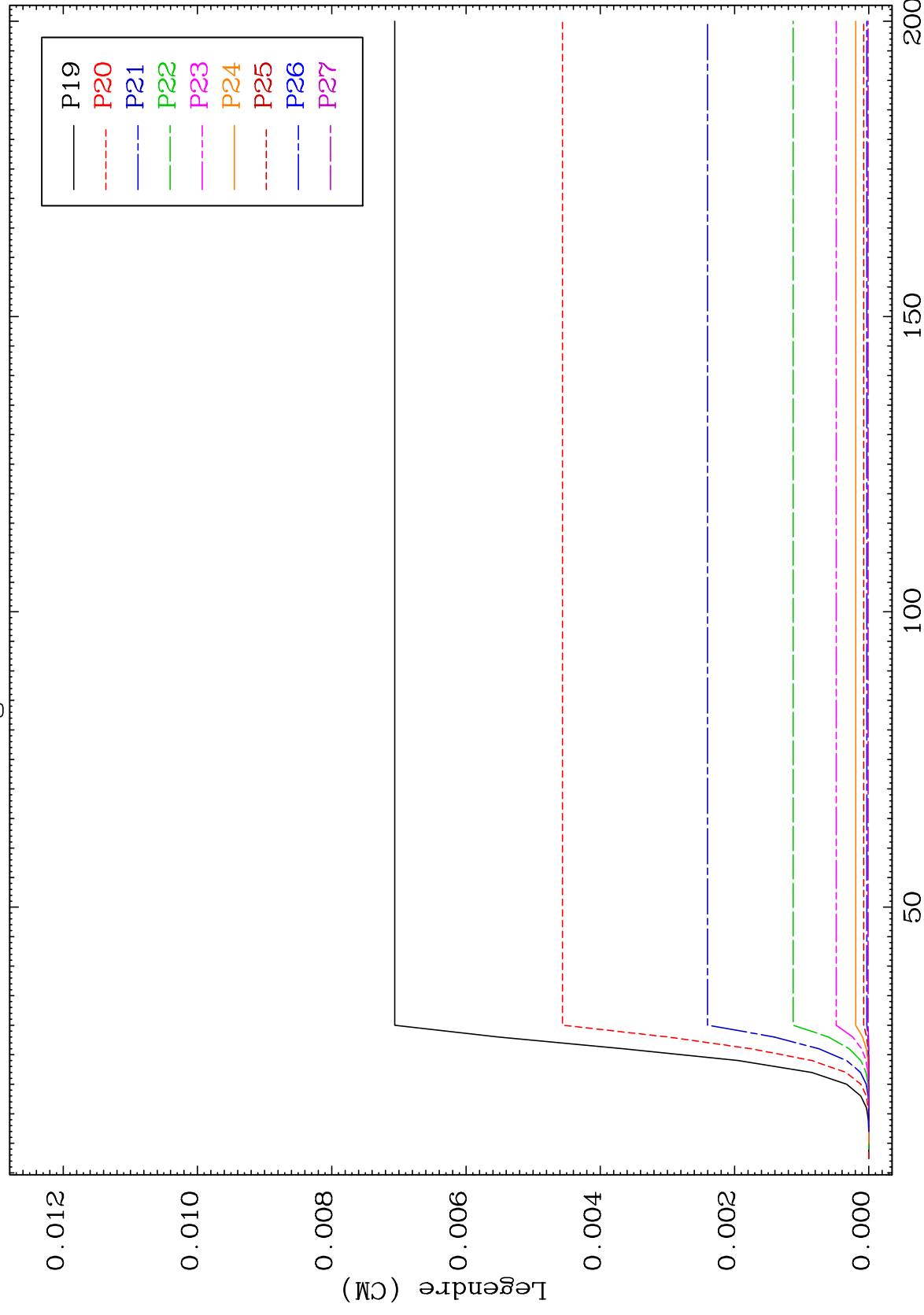
58-Ce-136



MAT 5825

MT= 59 (n, n') Level
Legendre Coefficients

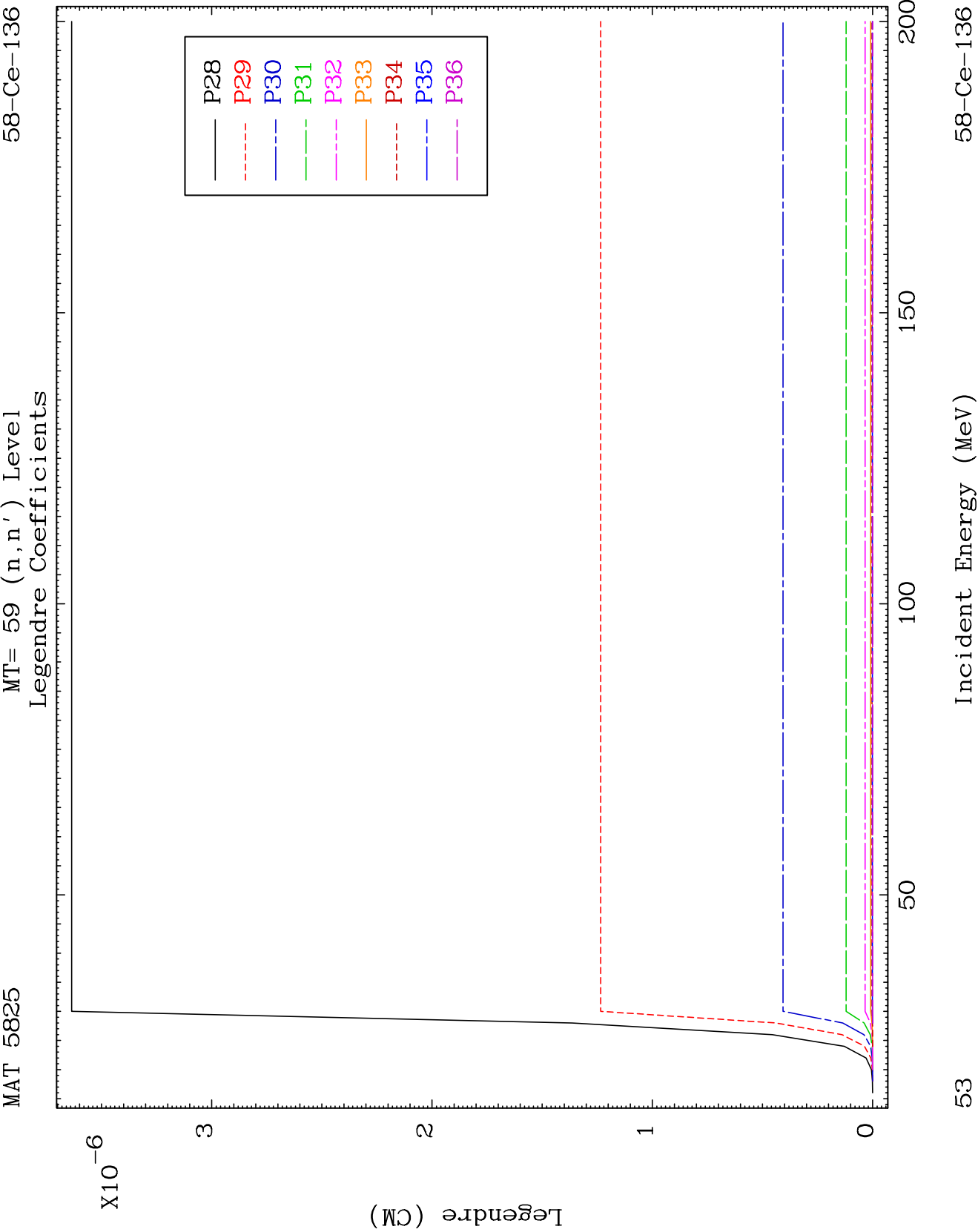
58-Ce-136

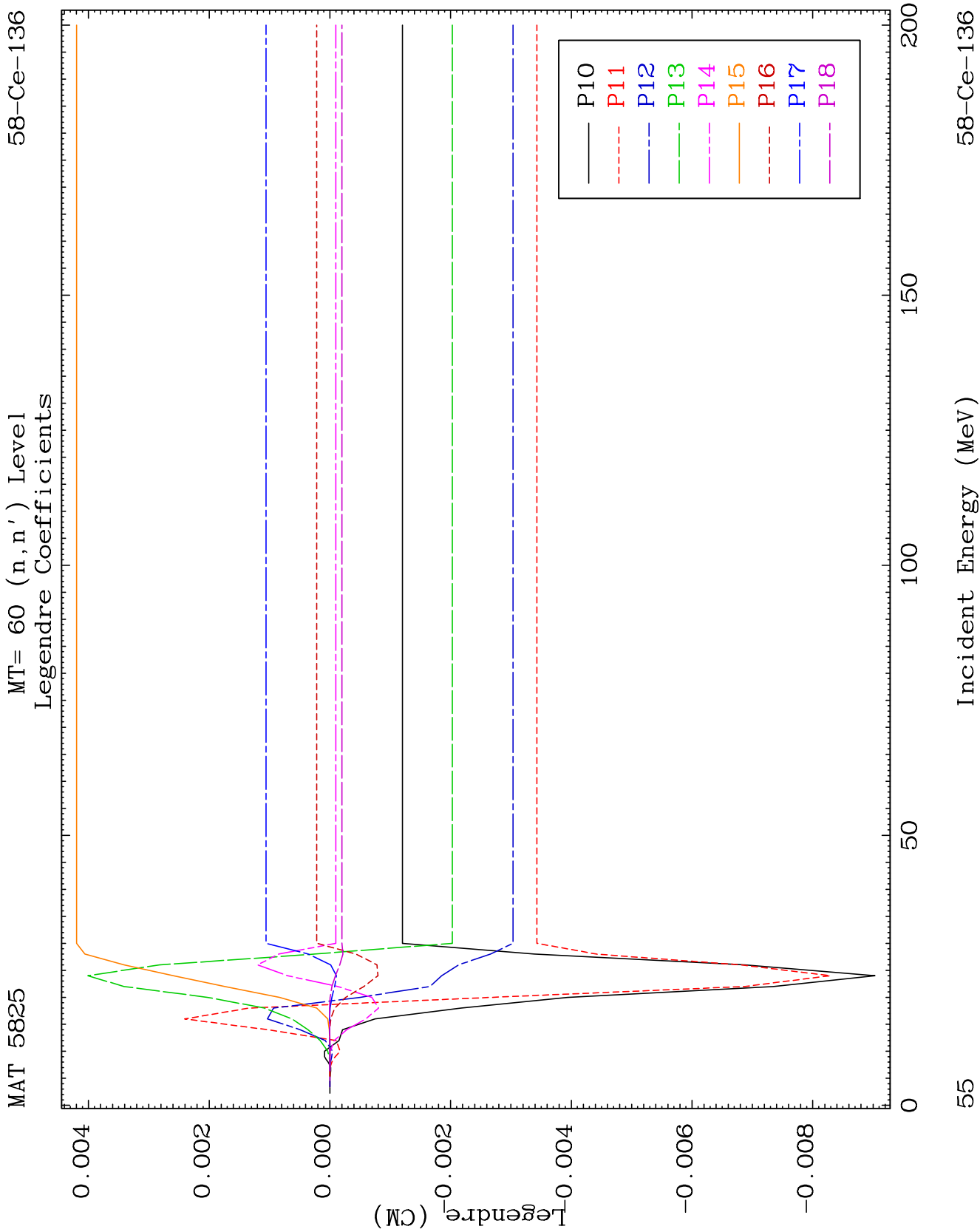


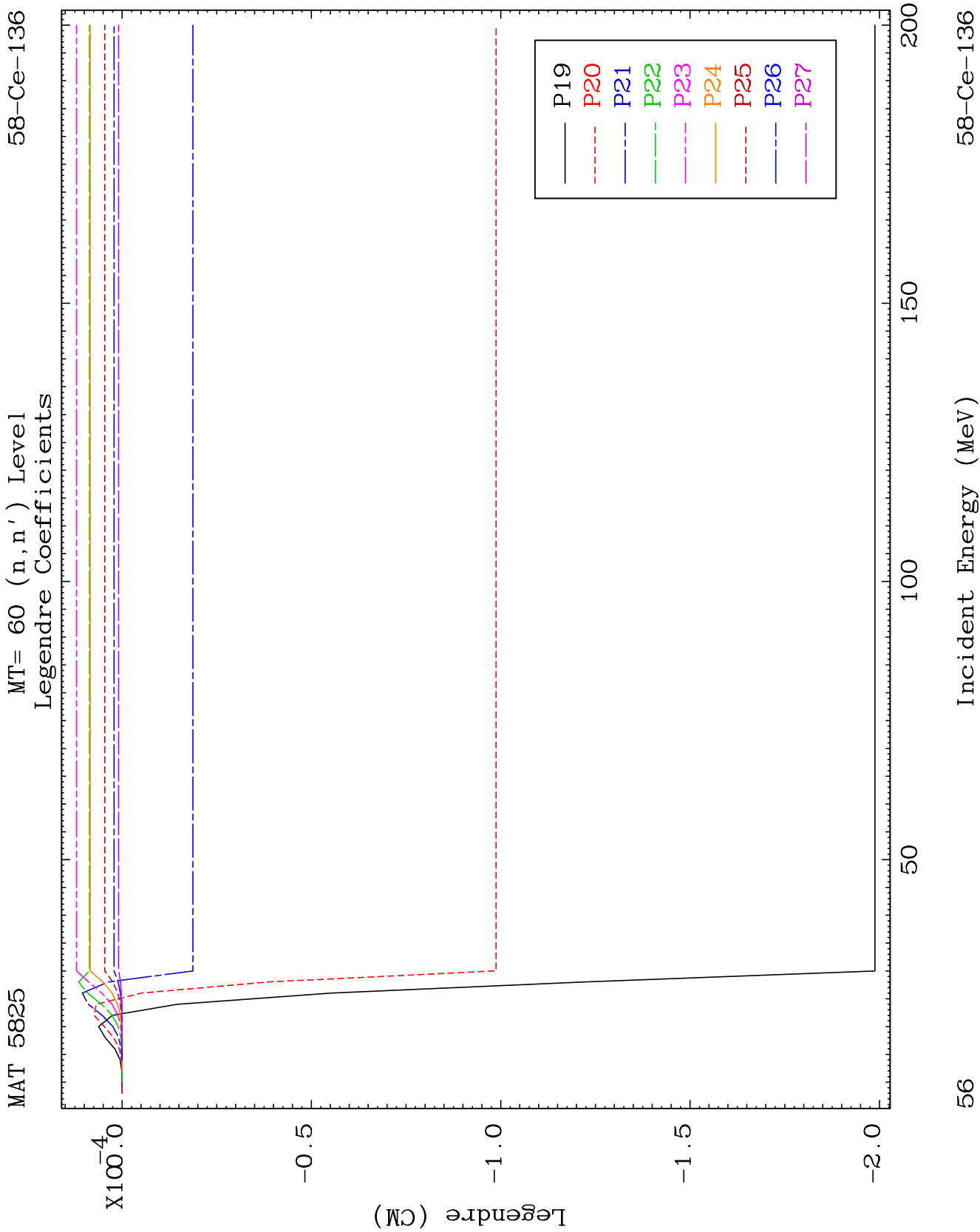
52

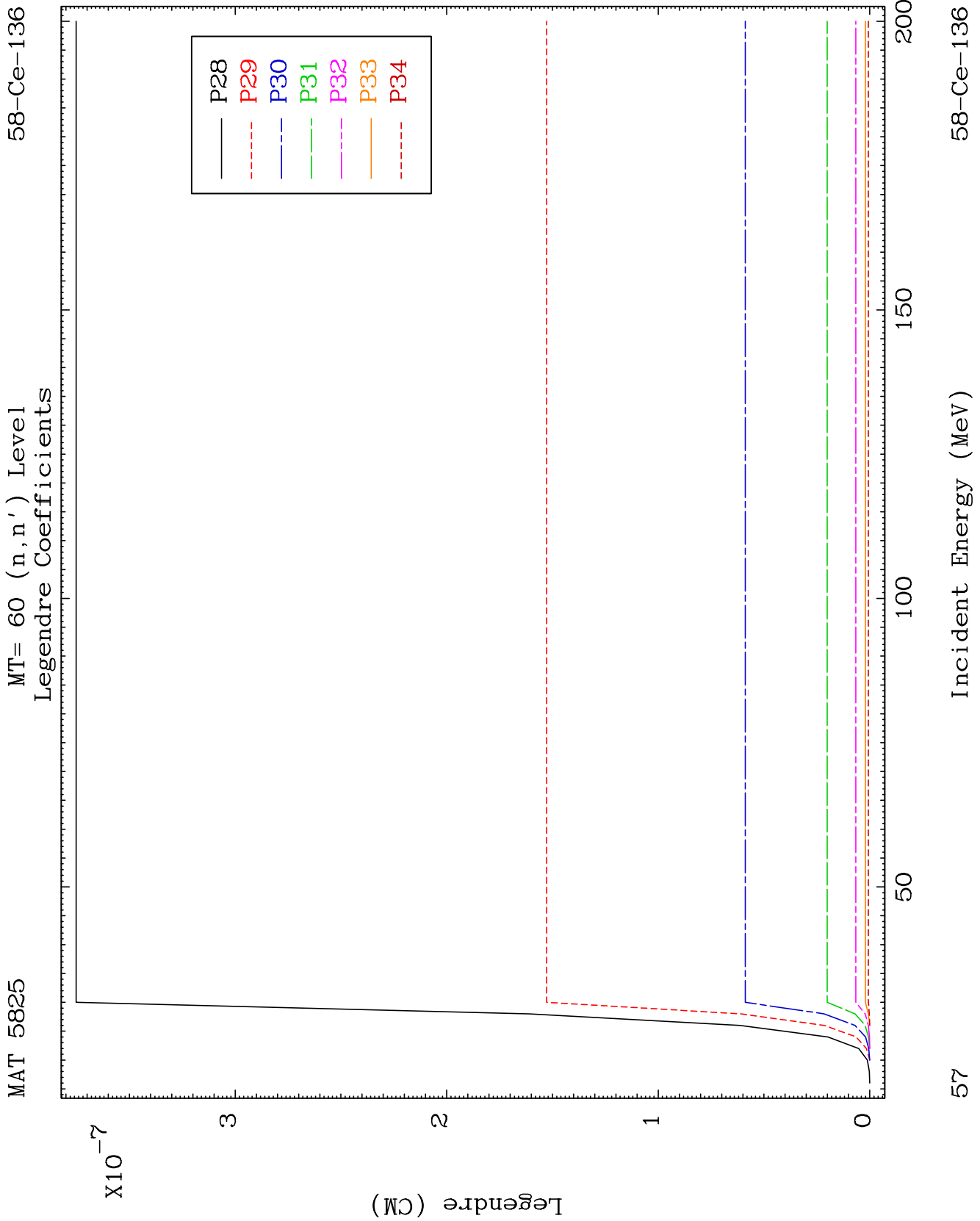
Incident Energy (MeV)

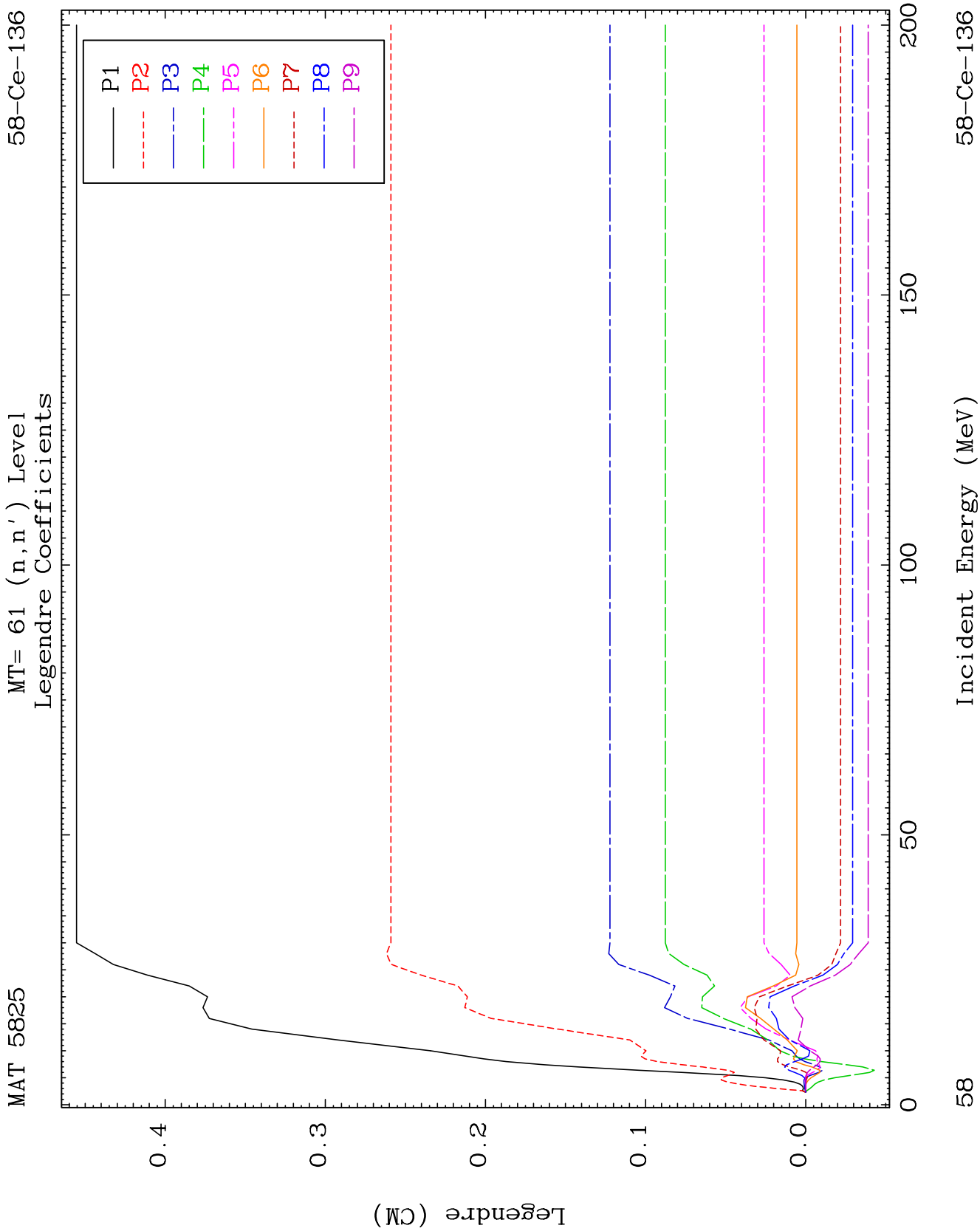
58-Ce-136







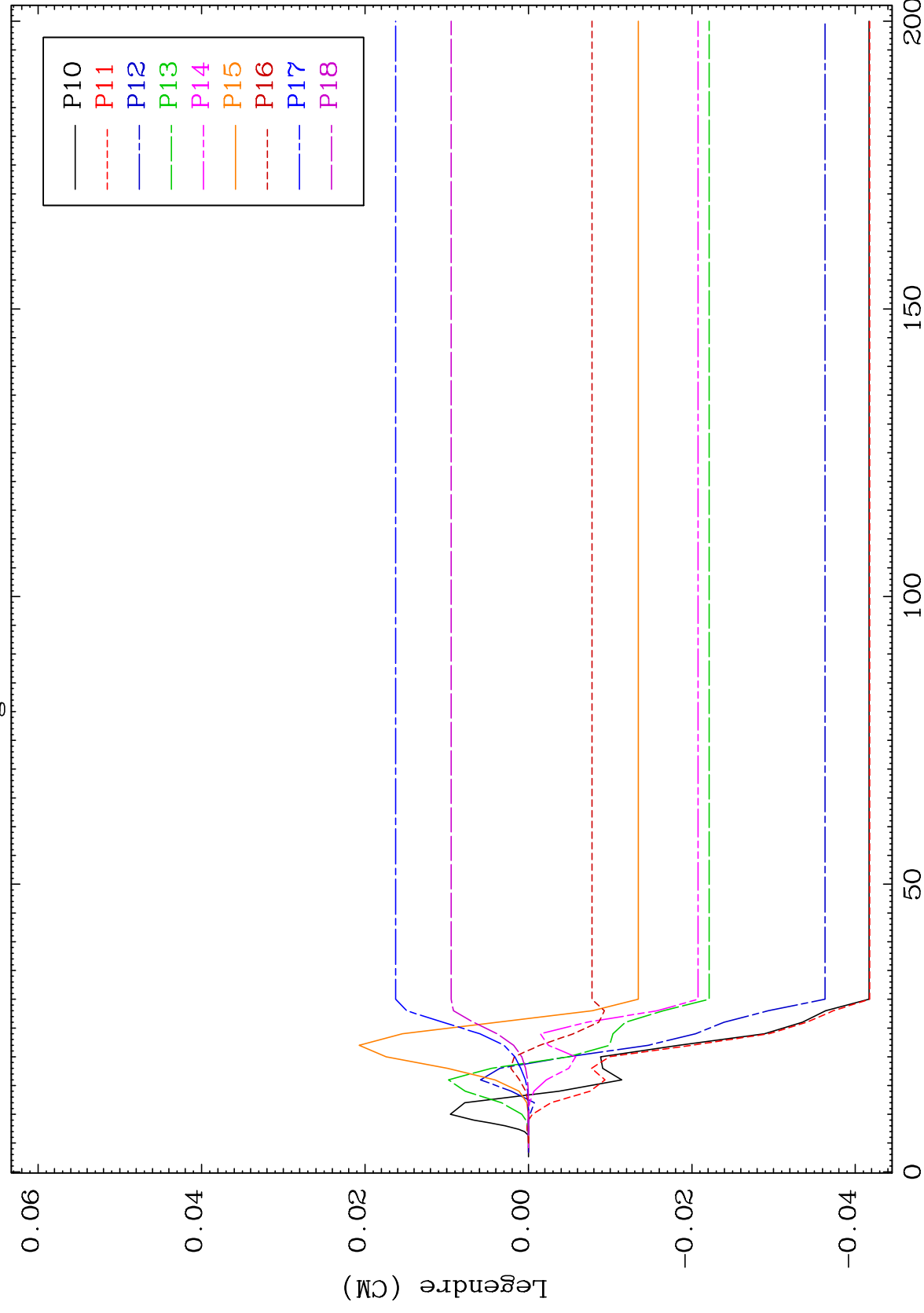




MAT 5825

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

58-Ce-136



65

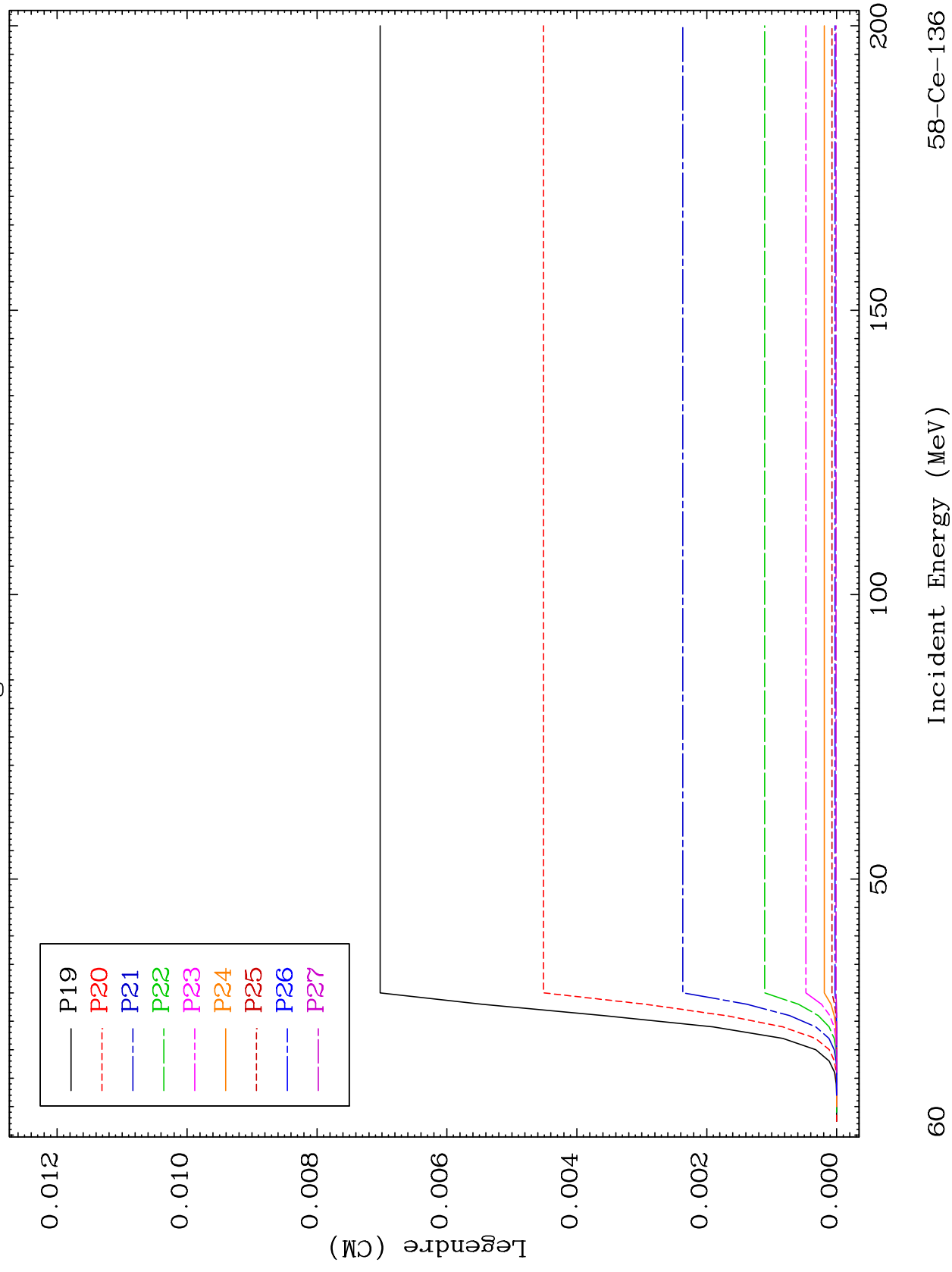
Incident Energy (MeV)

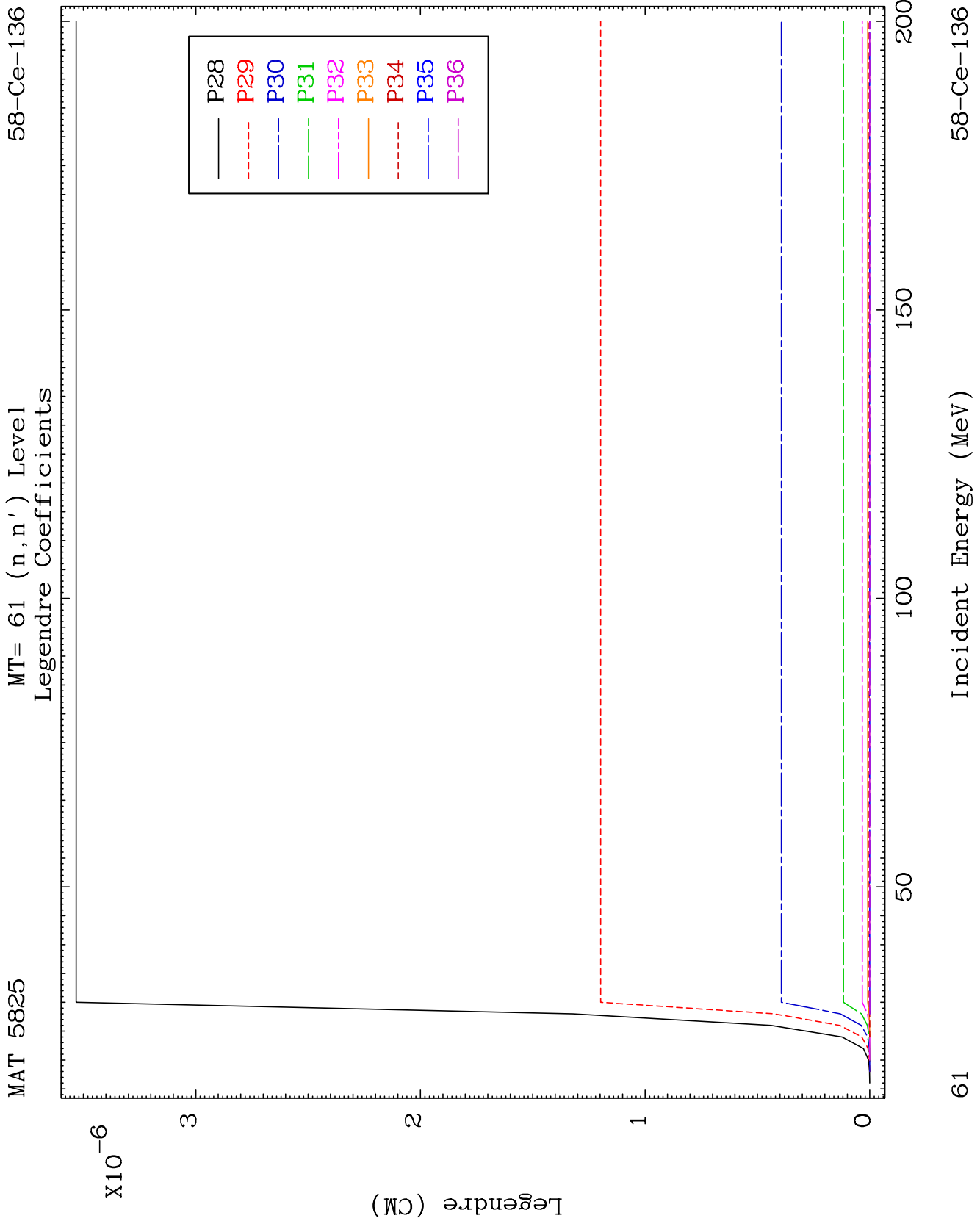
58-Ce-136

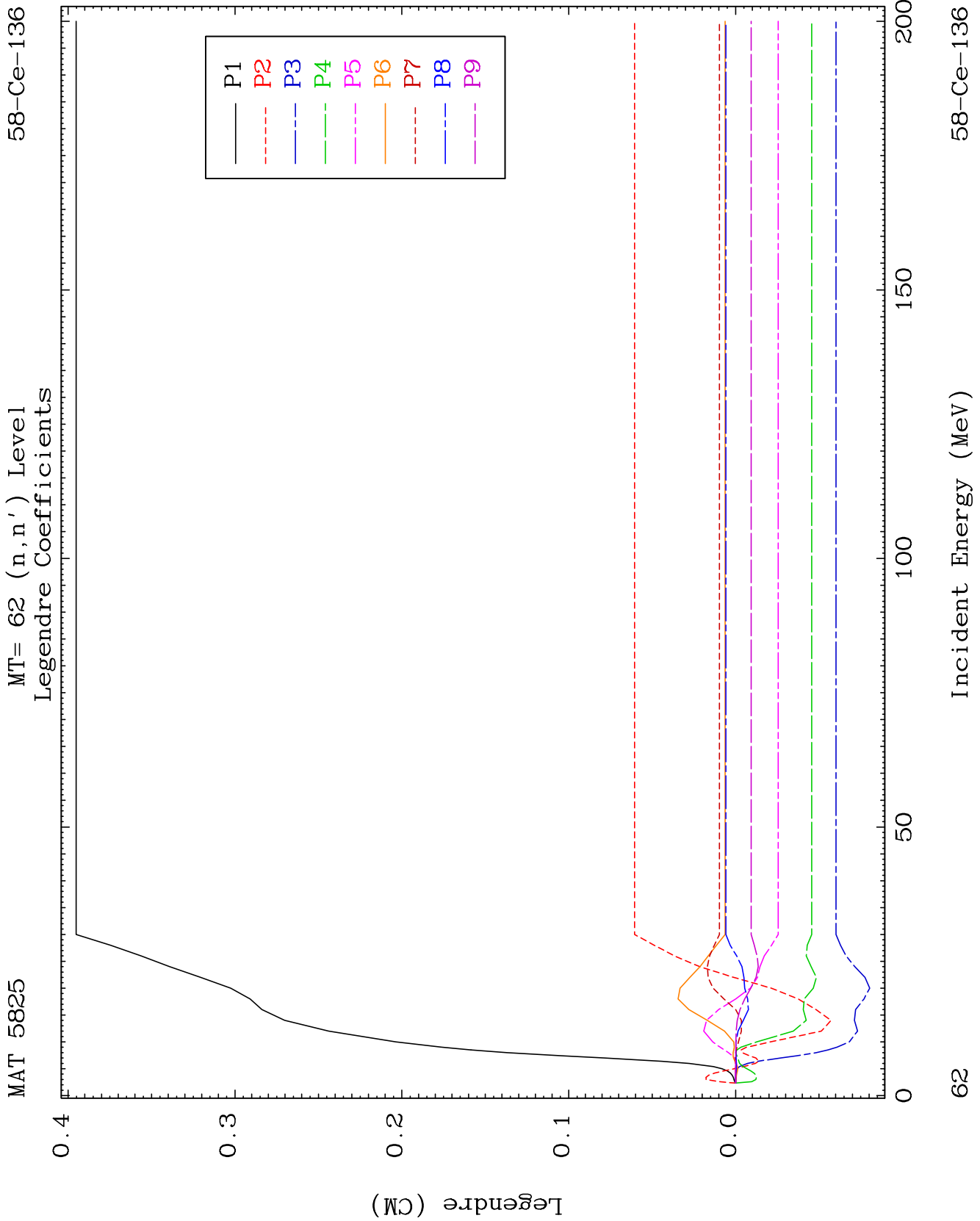
MAT 5825

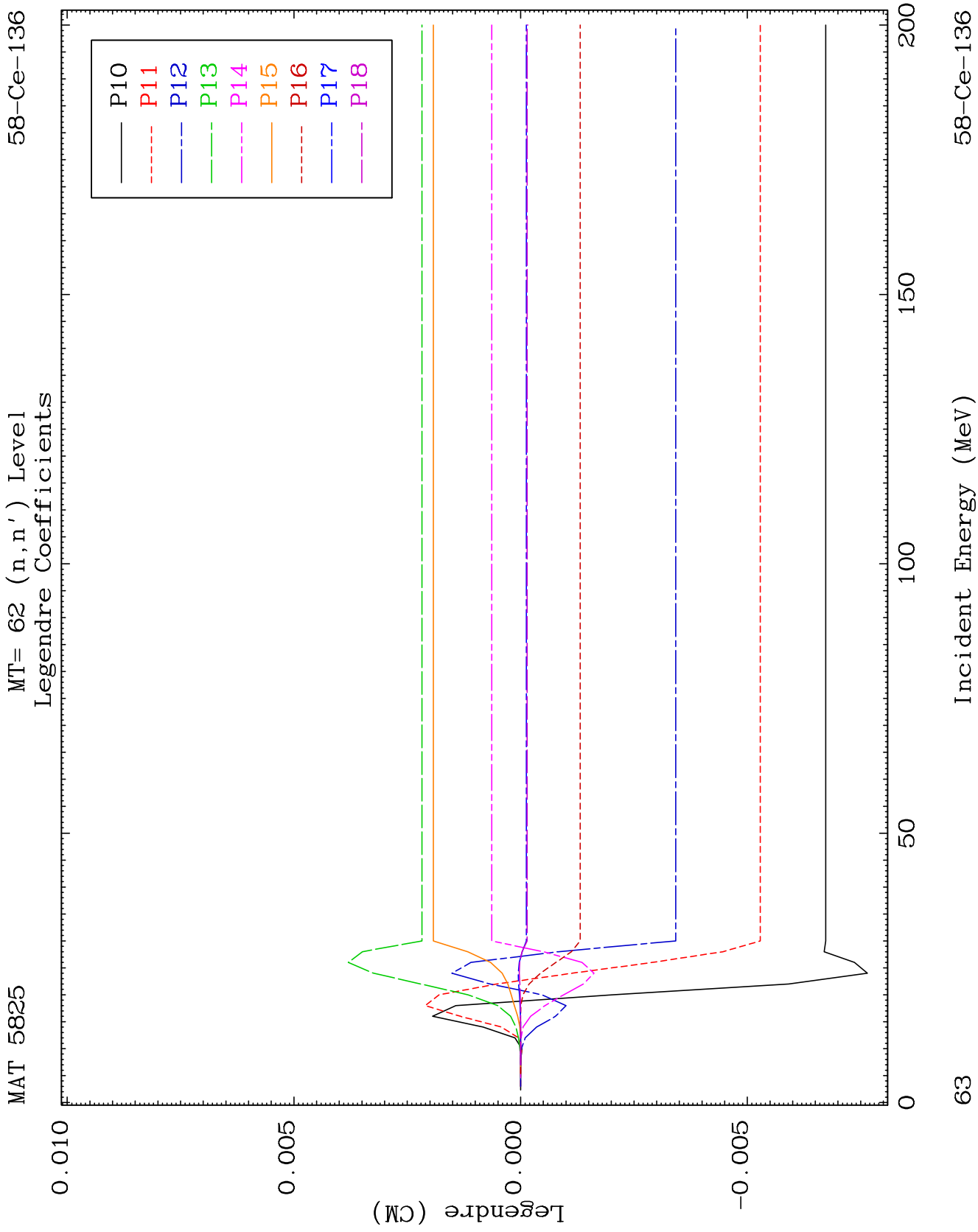
MT= 61 (n, n') Level
Legendre Coefficients

58-Ce-136





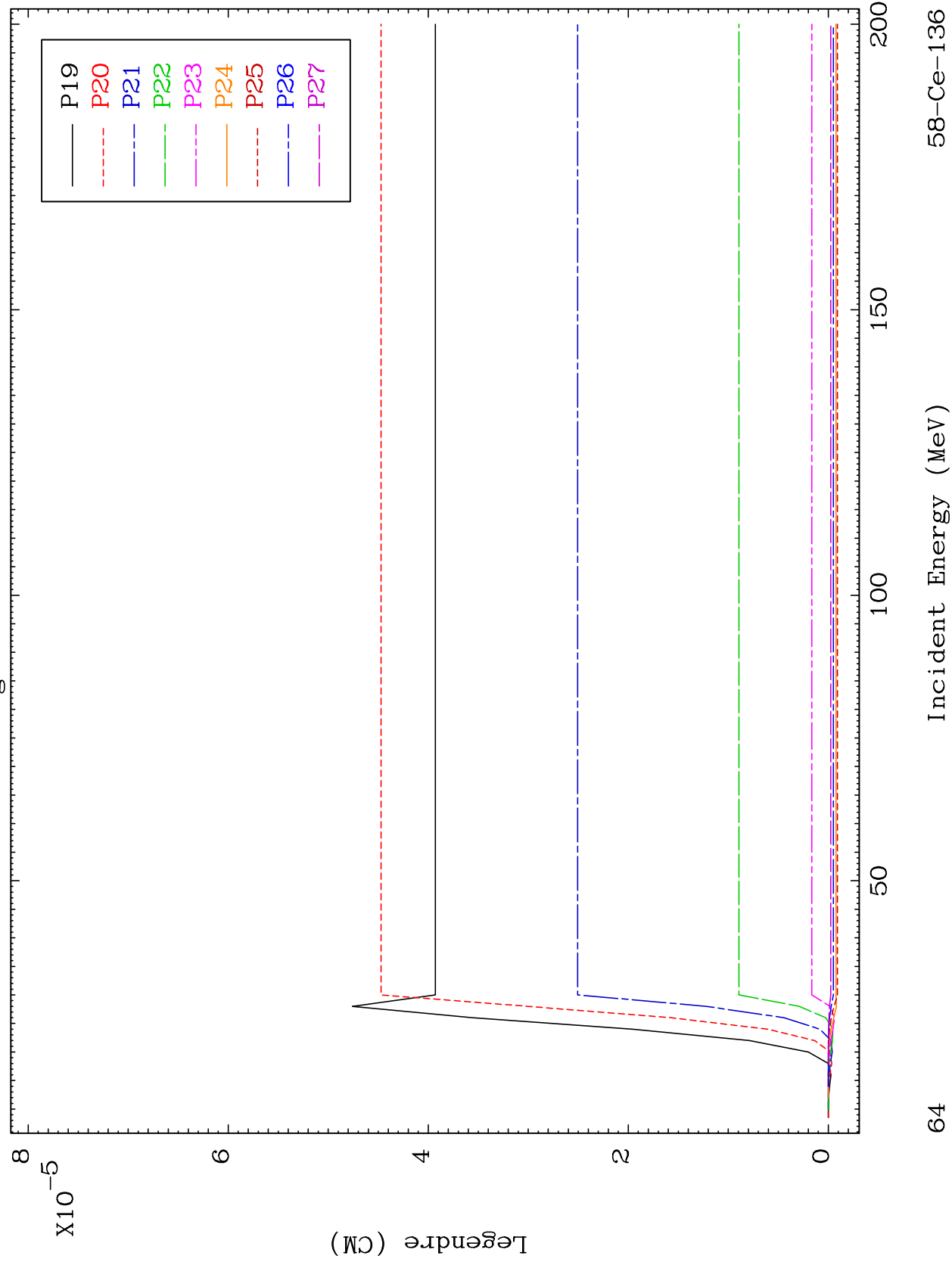


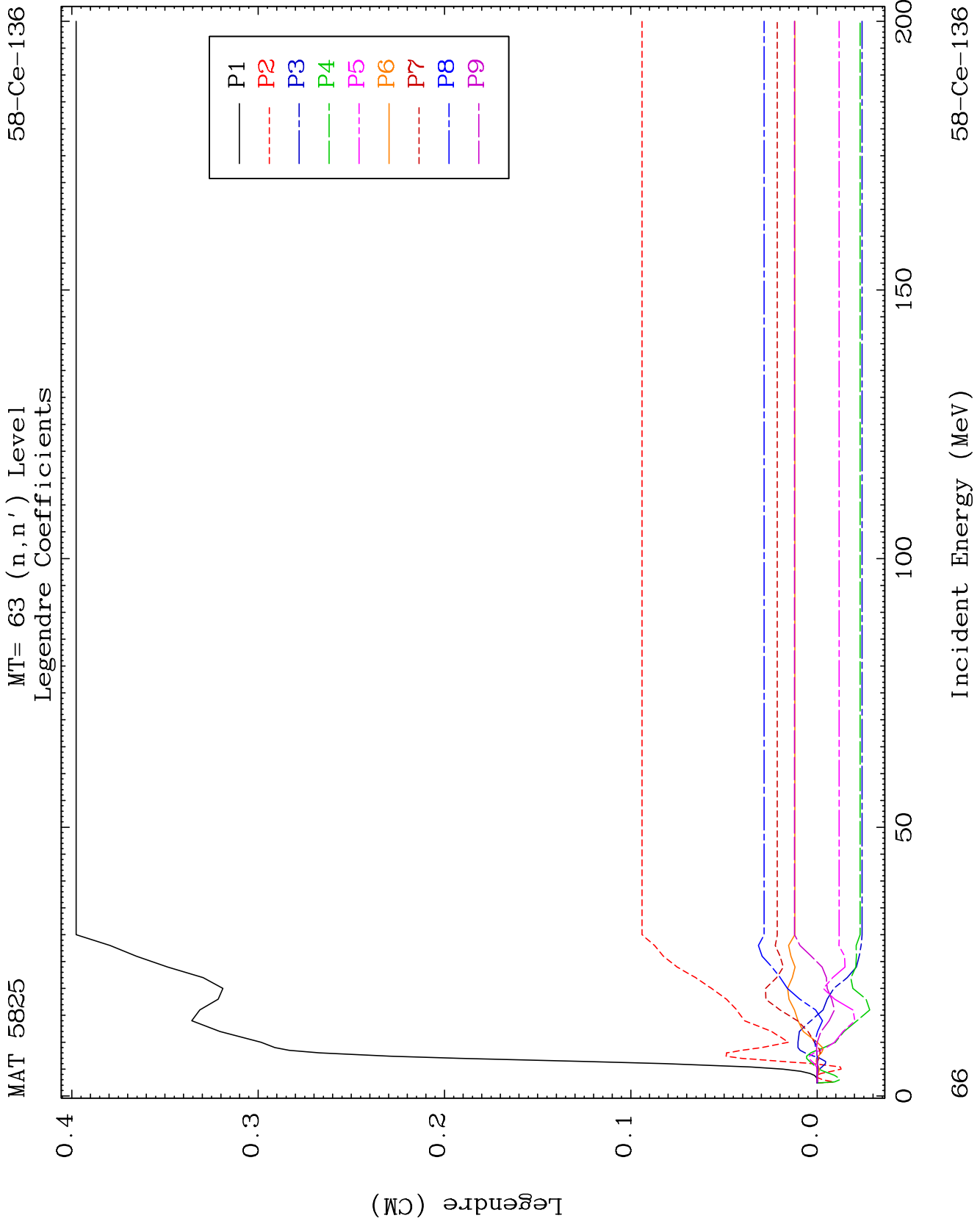


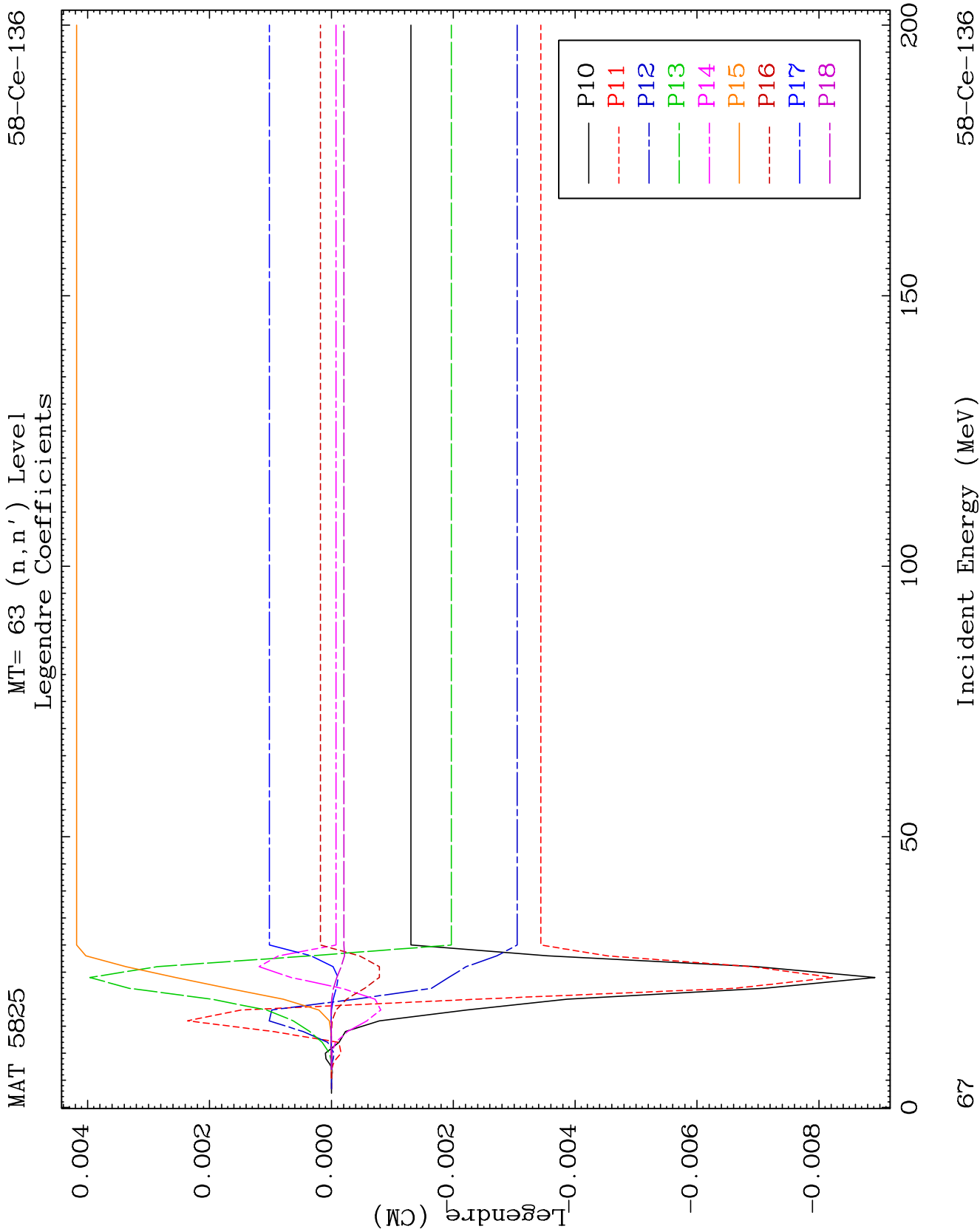
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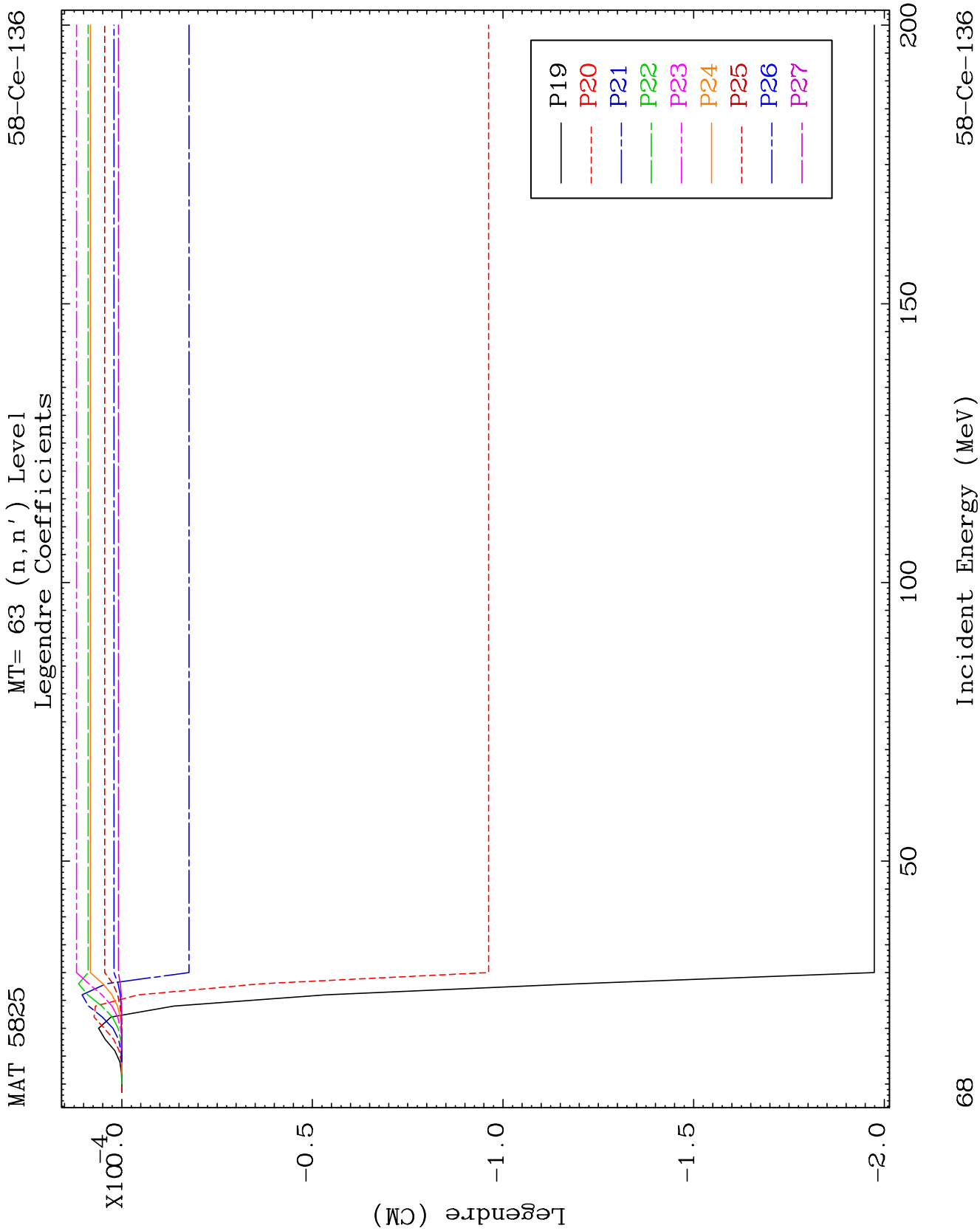
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Legendre Coefficients

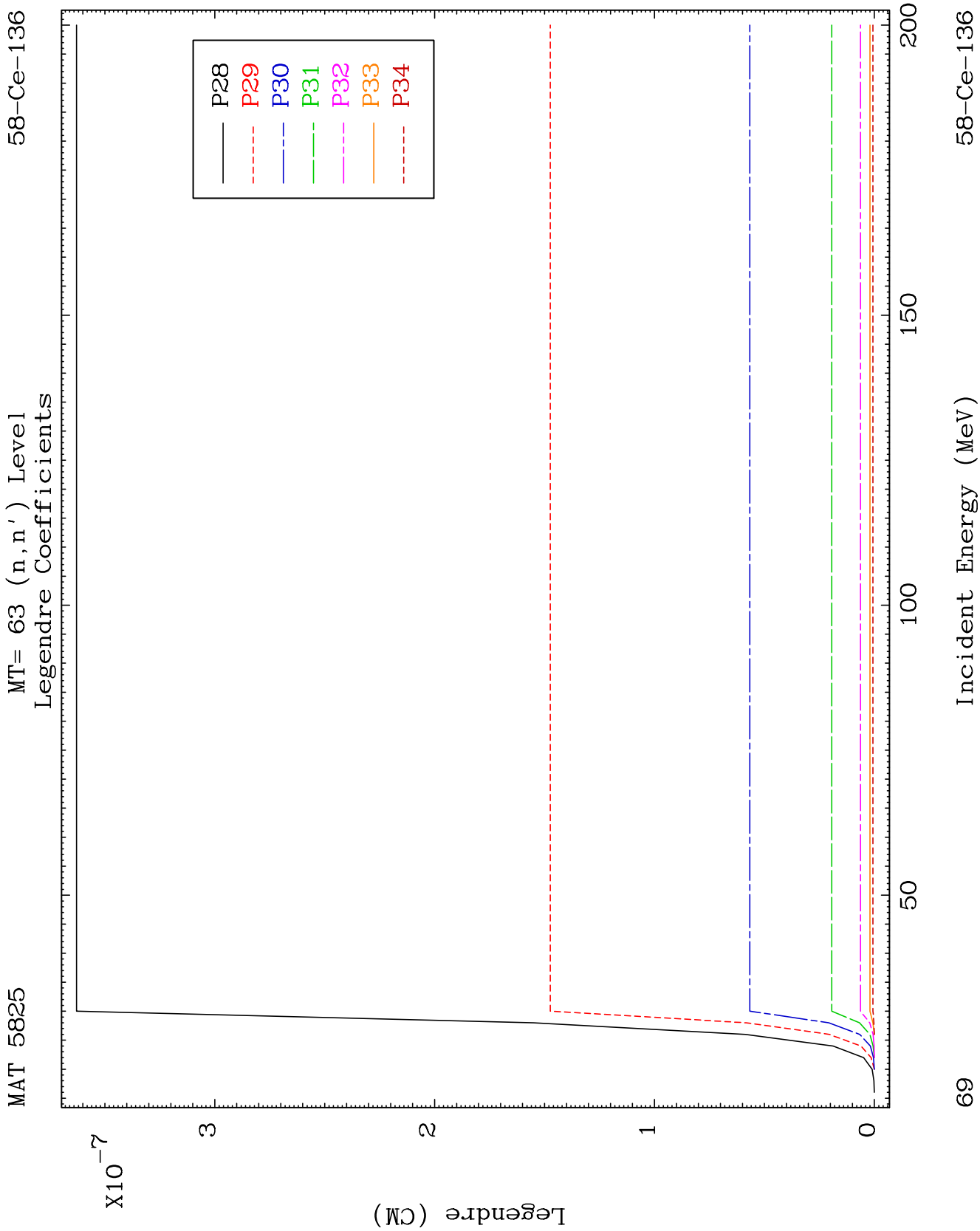
58-Ce-136







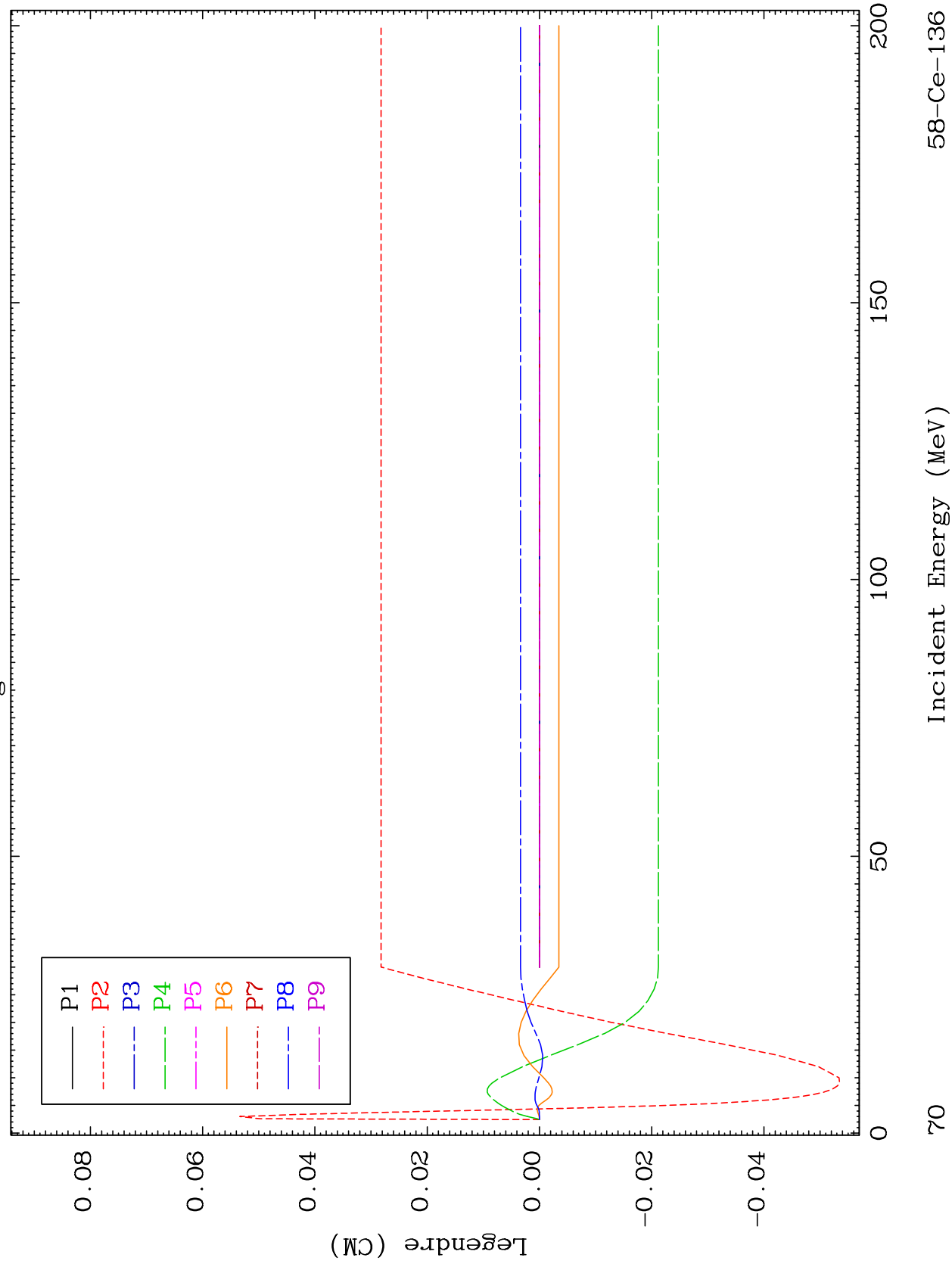


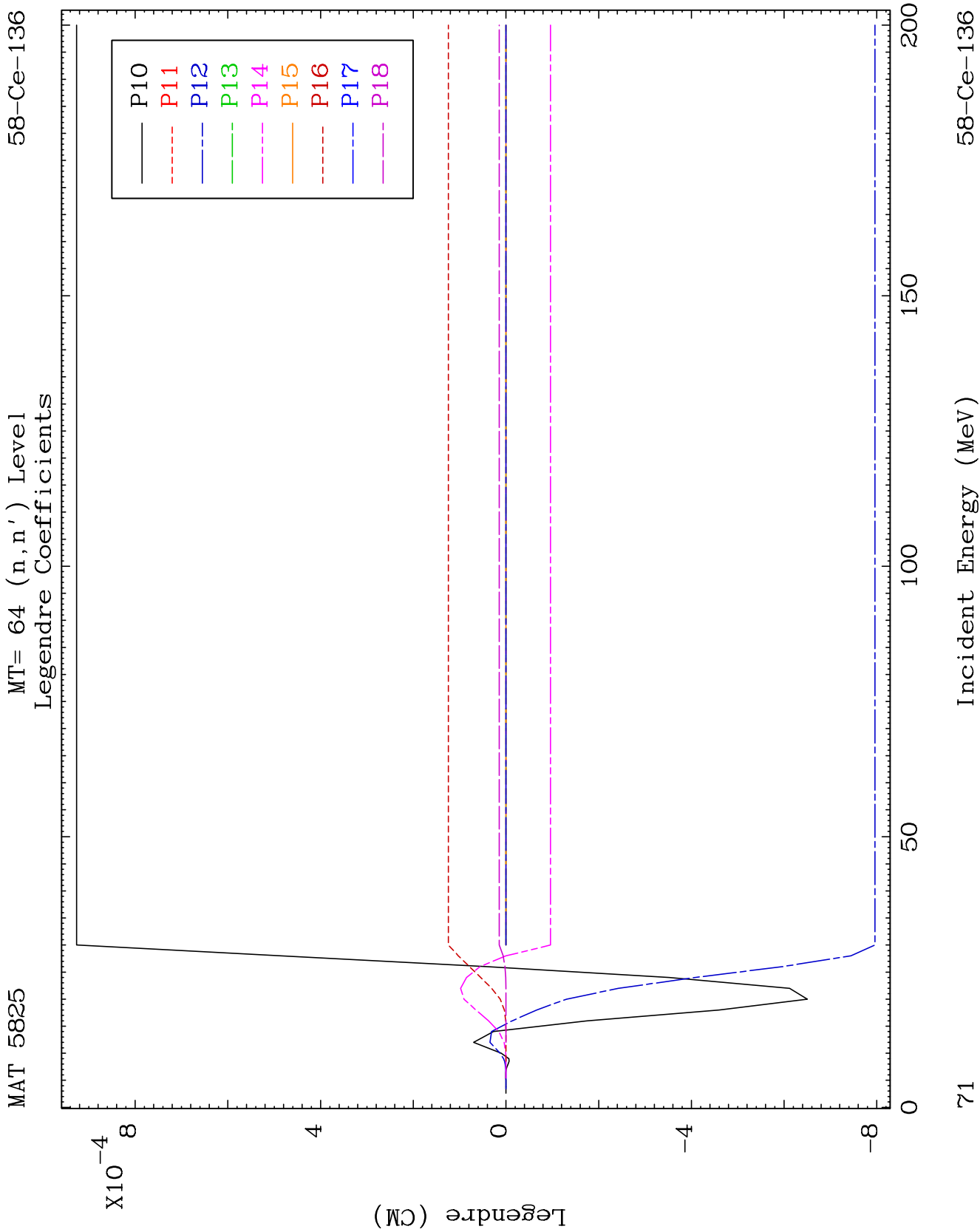


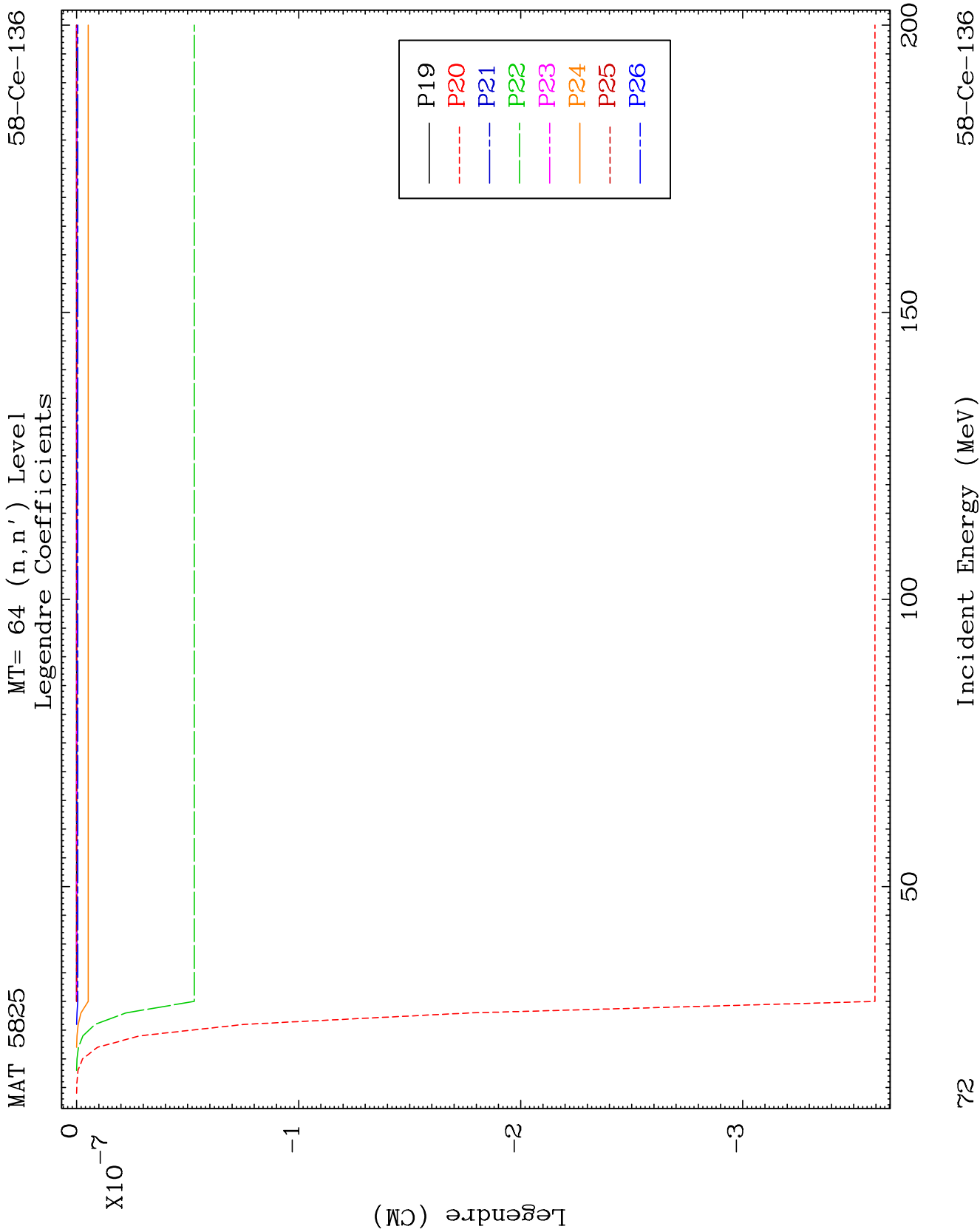
MAT 5825

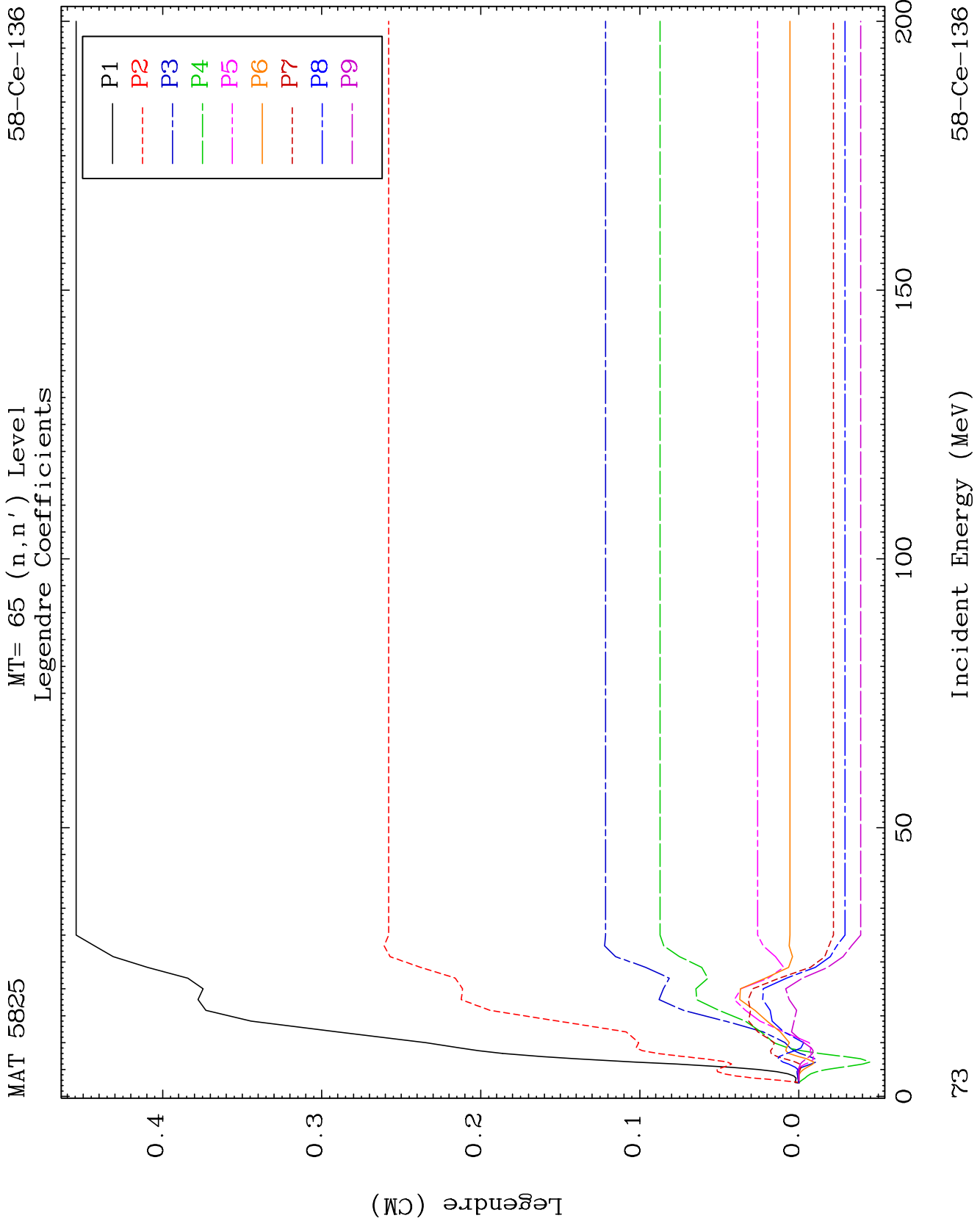
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Legendre Coefficients

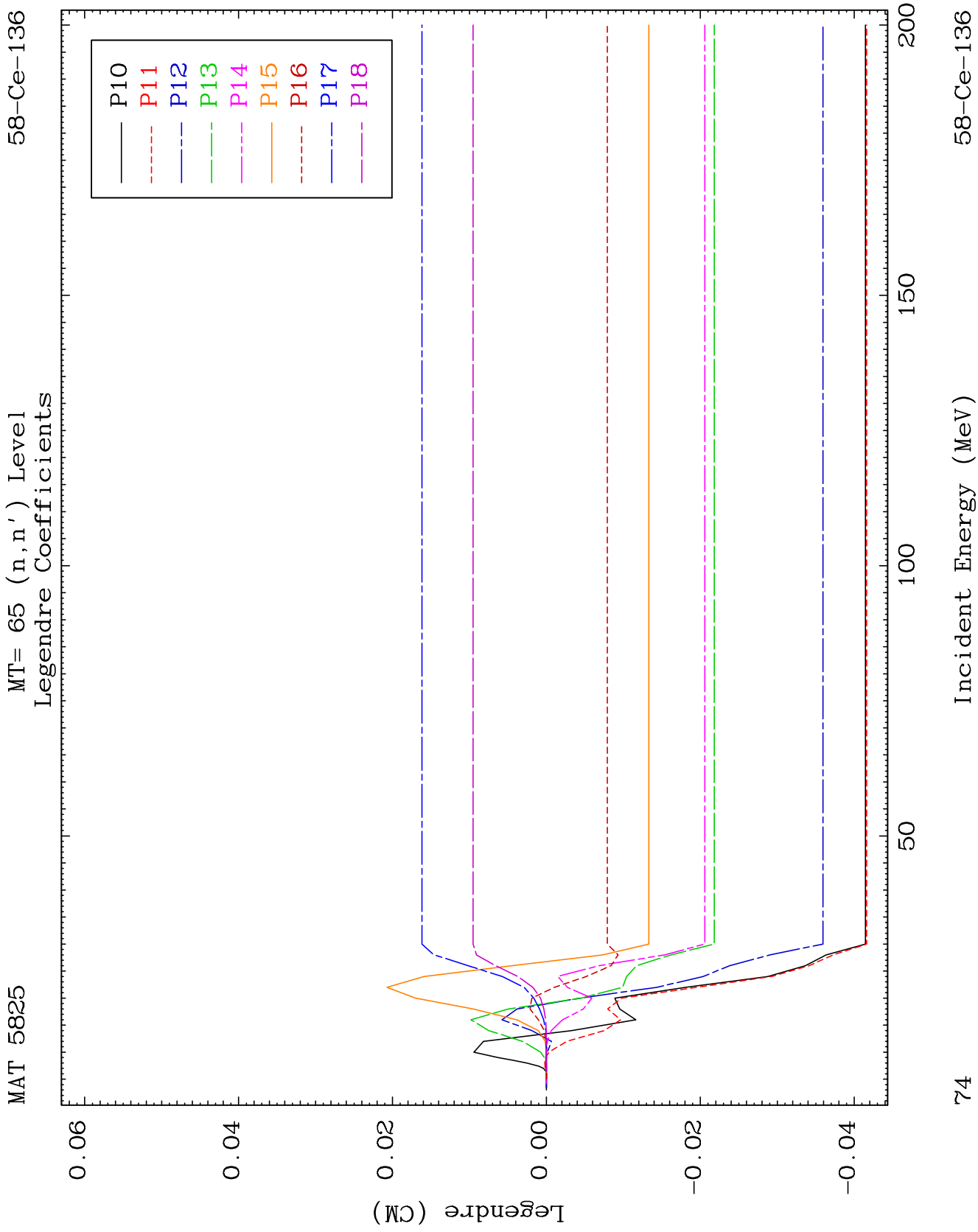
58-Ce-136

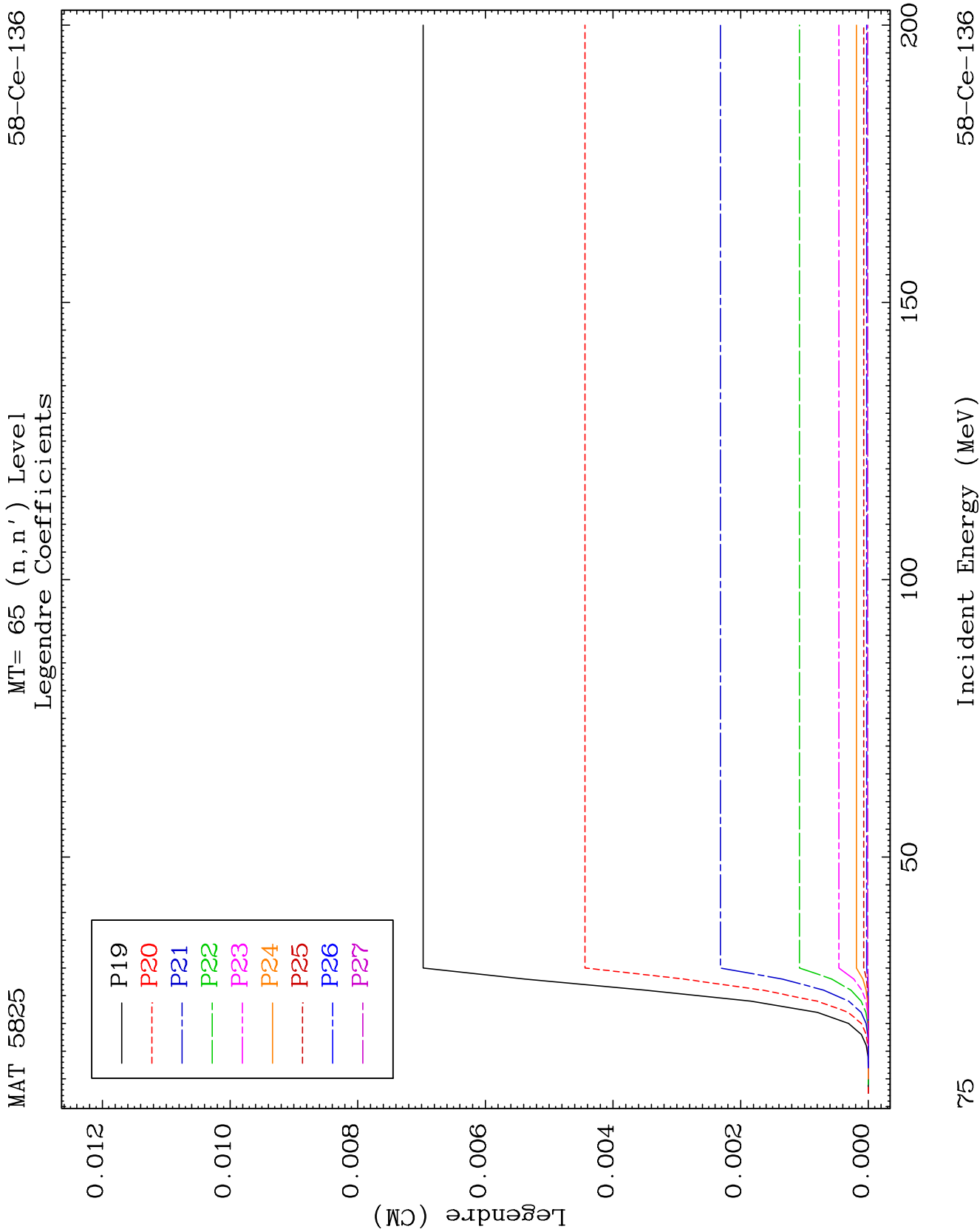


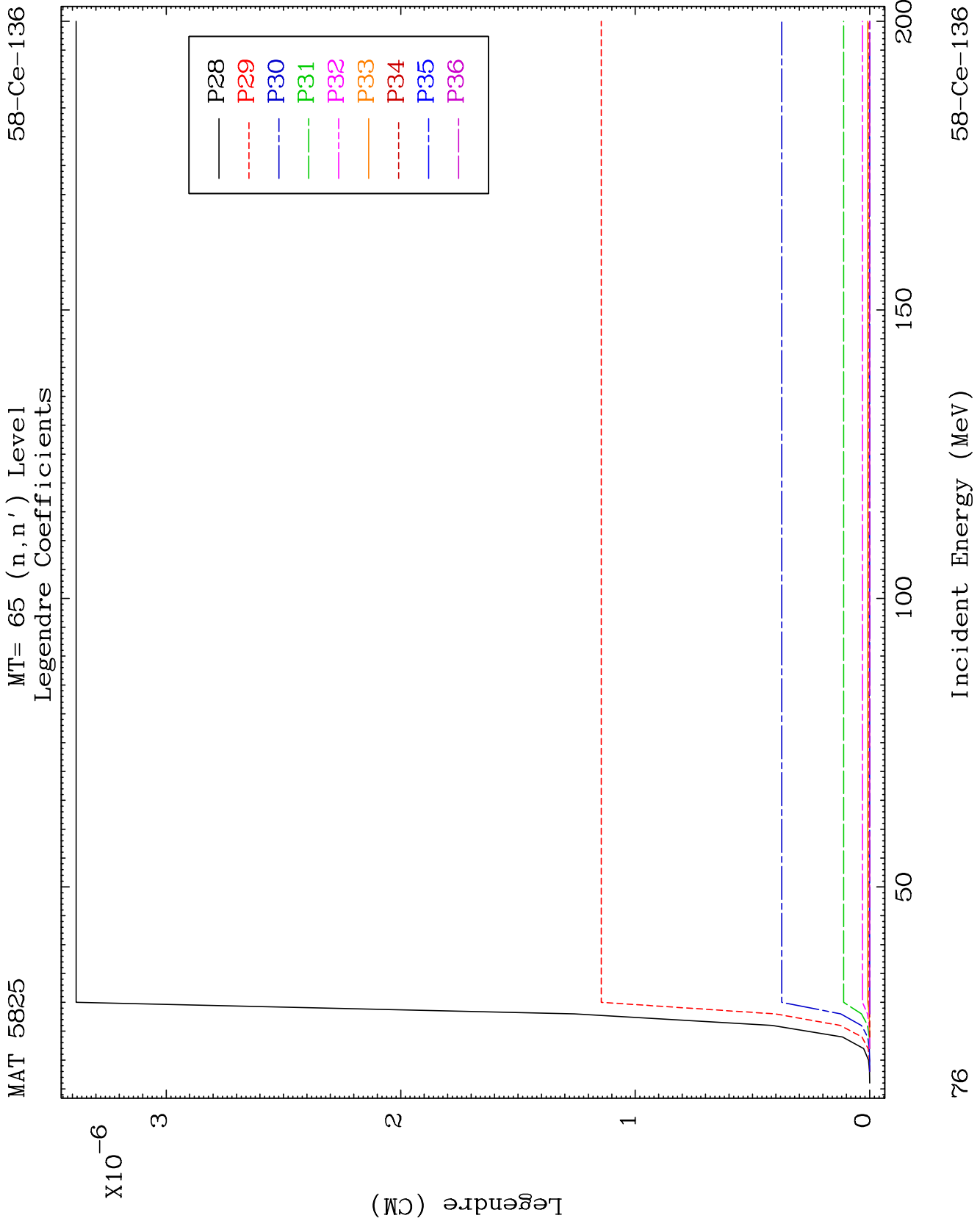


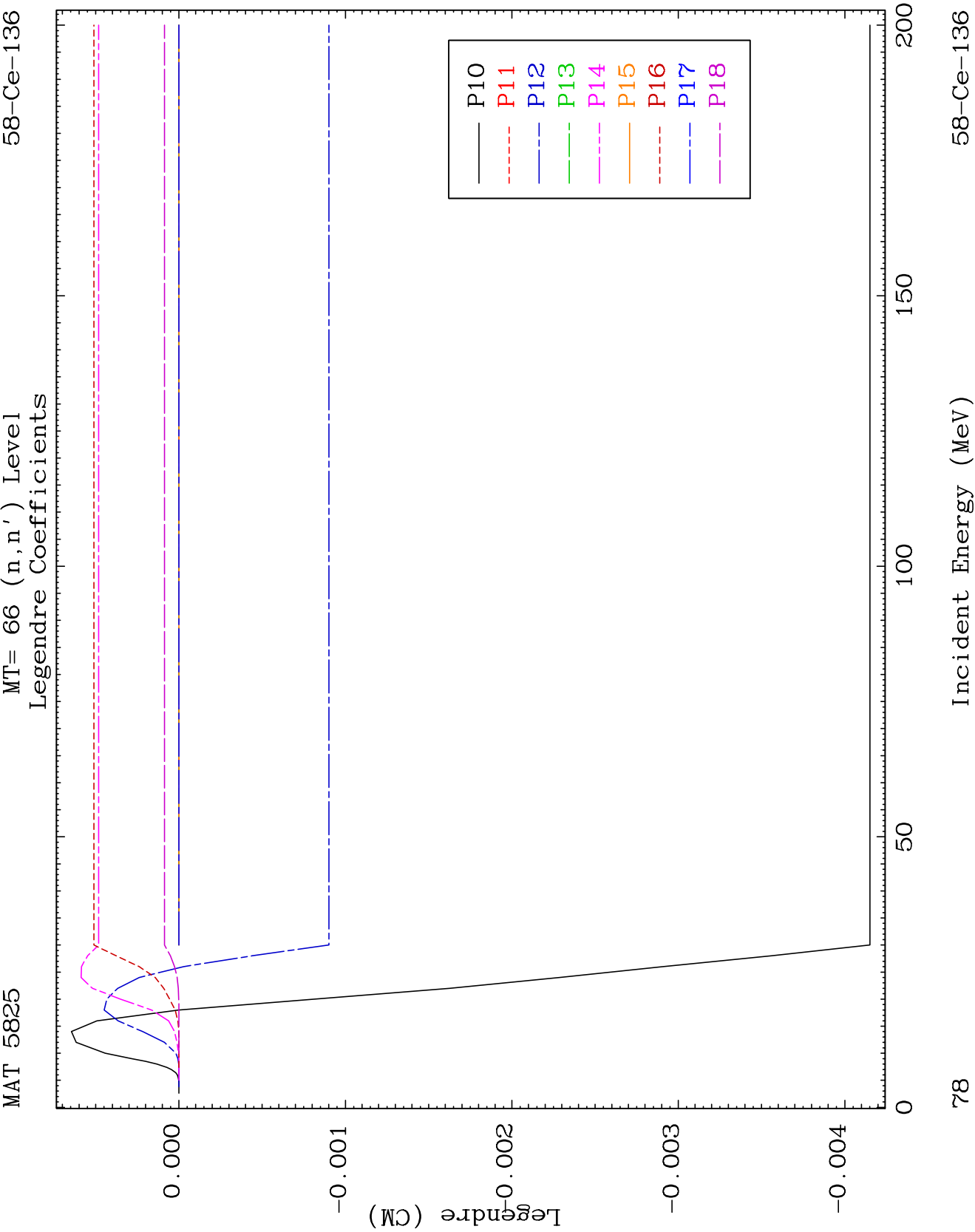








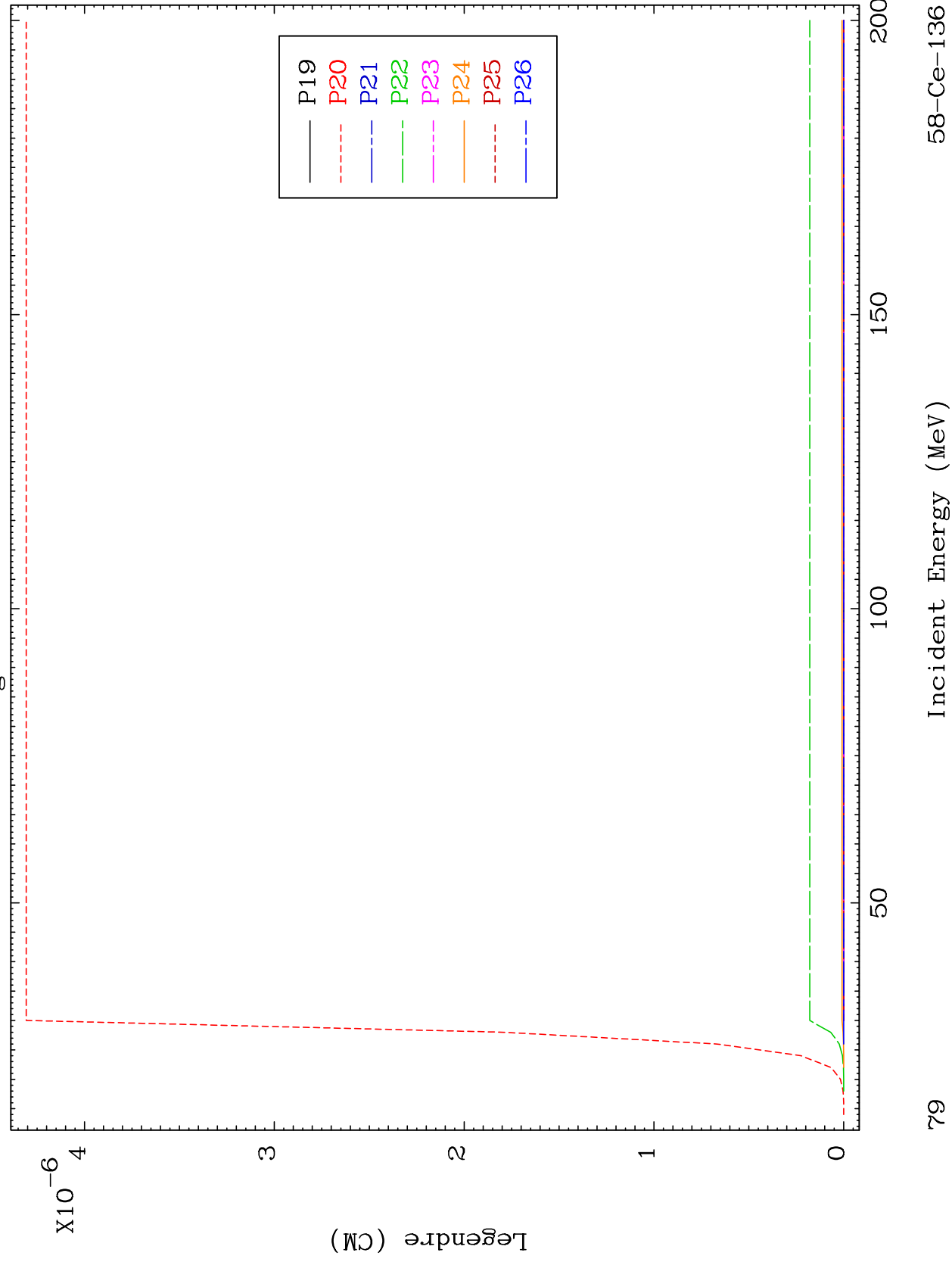


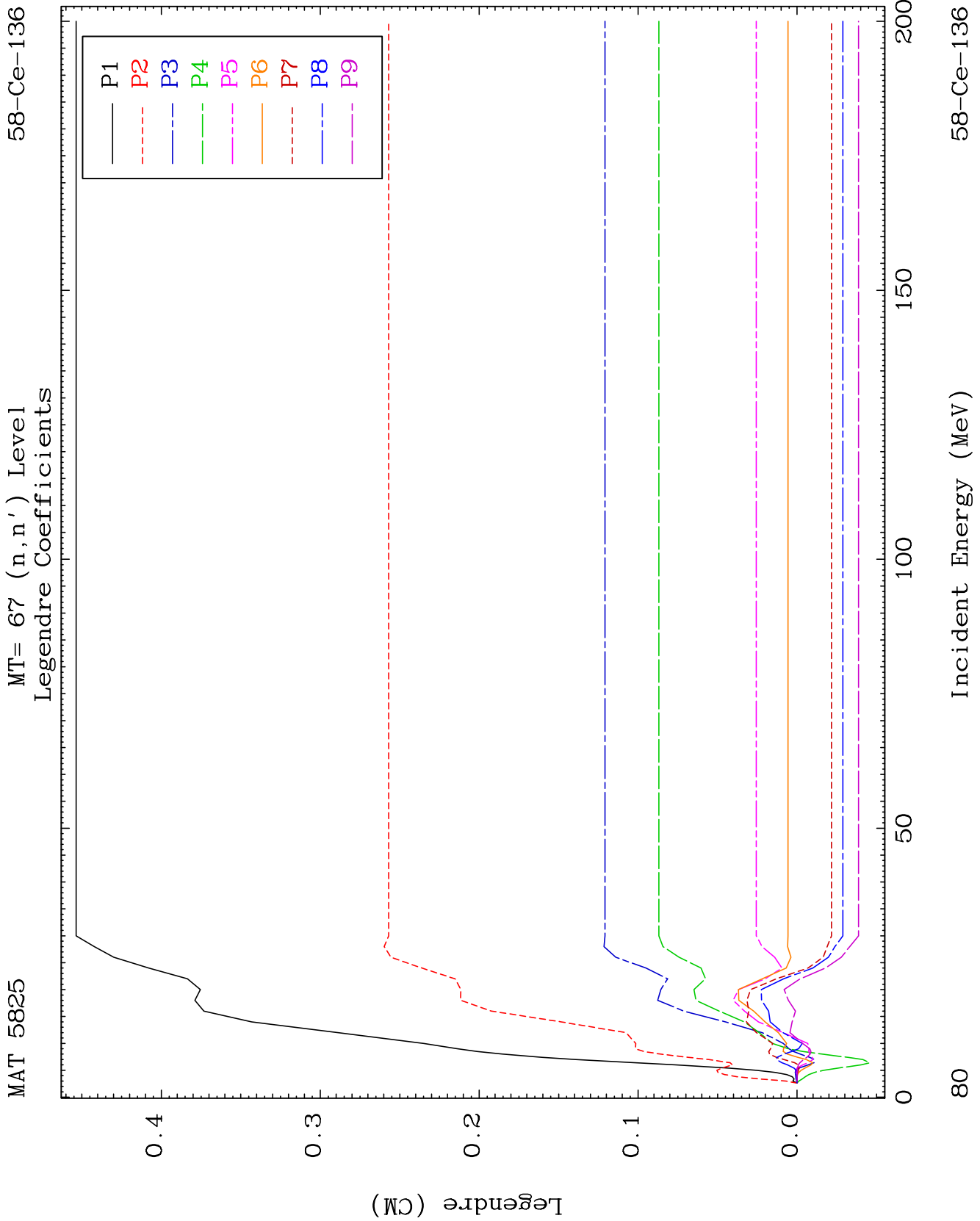


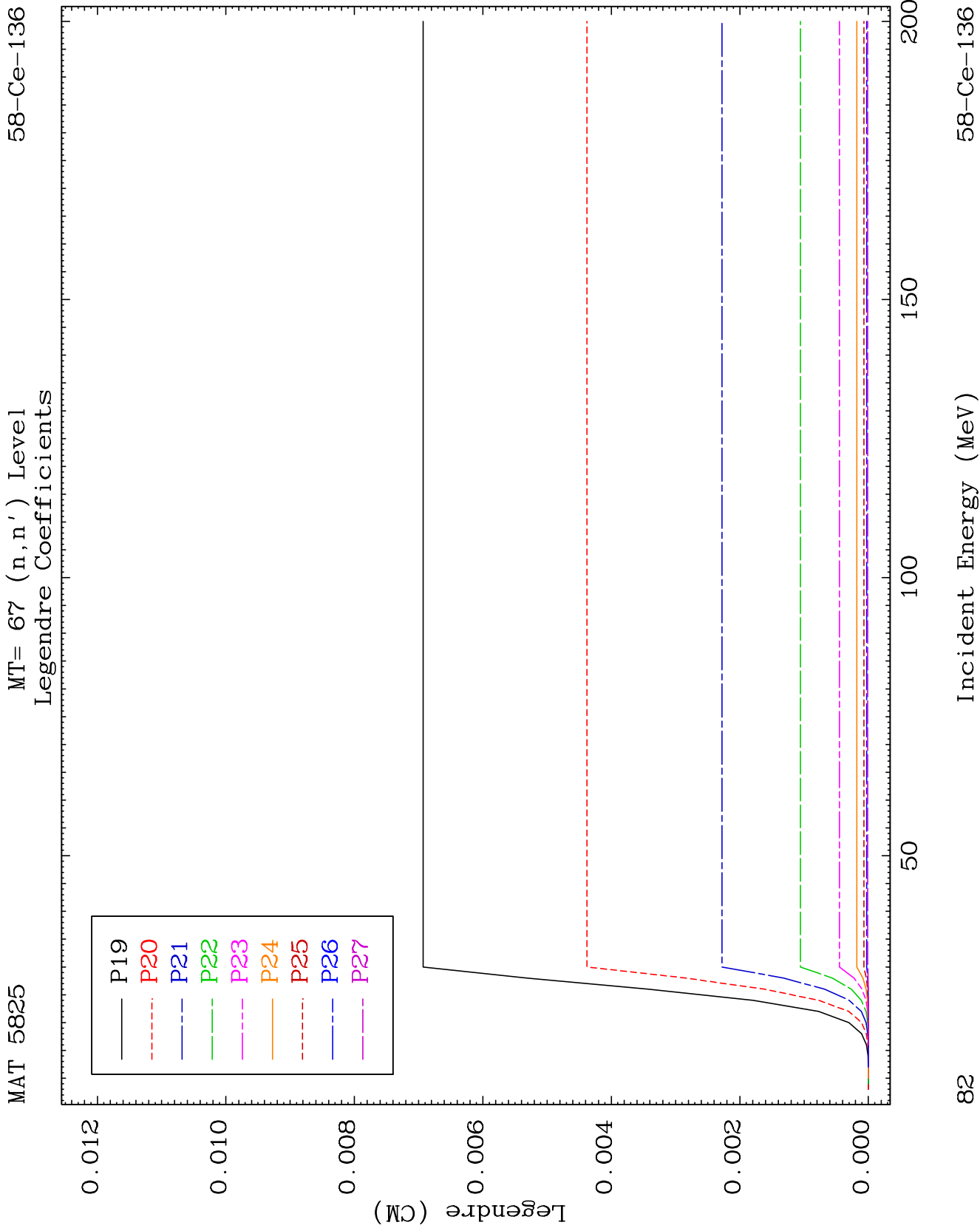
MAT 5825

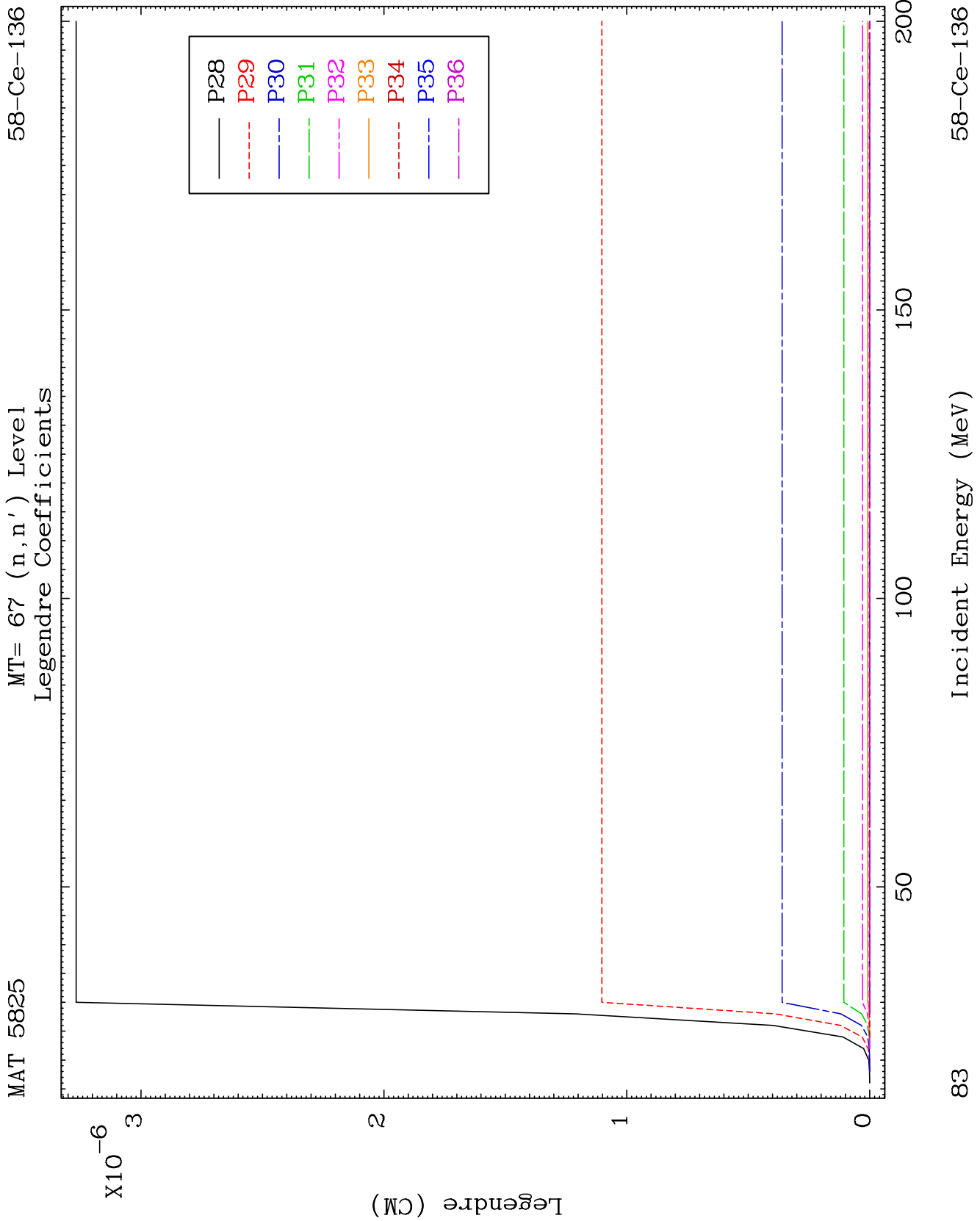
MT= 66 (n, n') Level
Legendre Coefficients

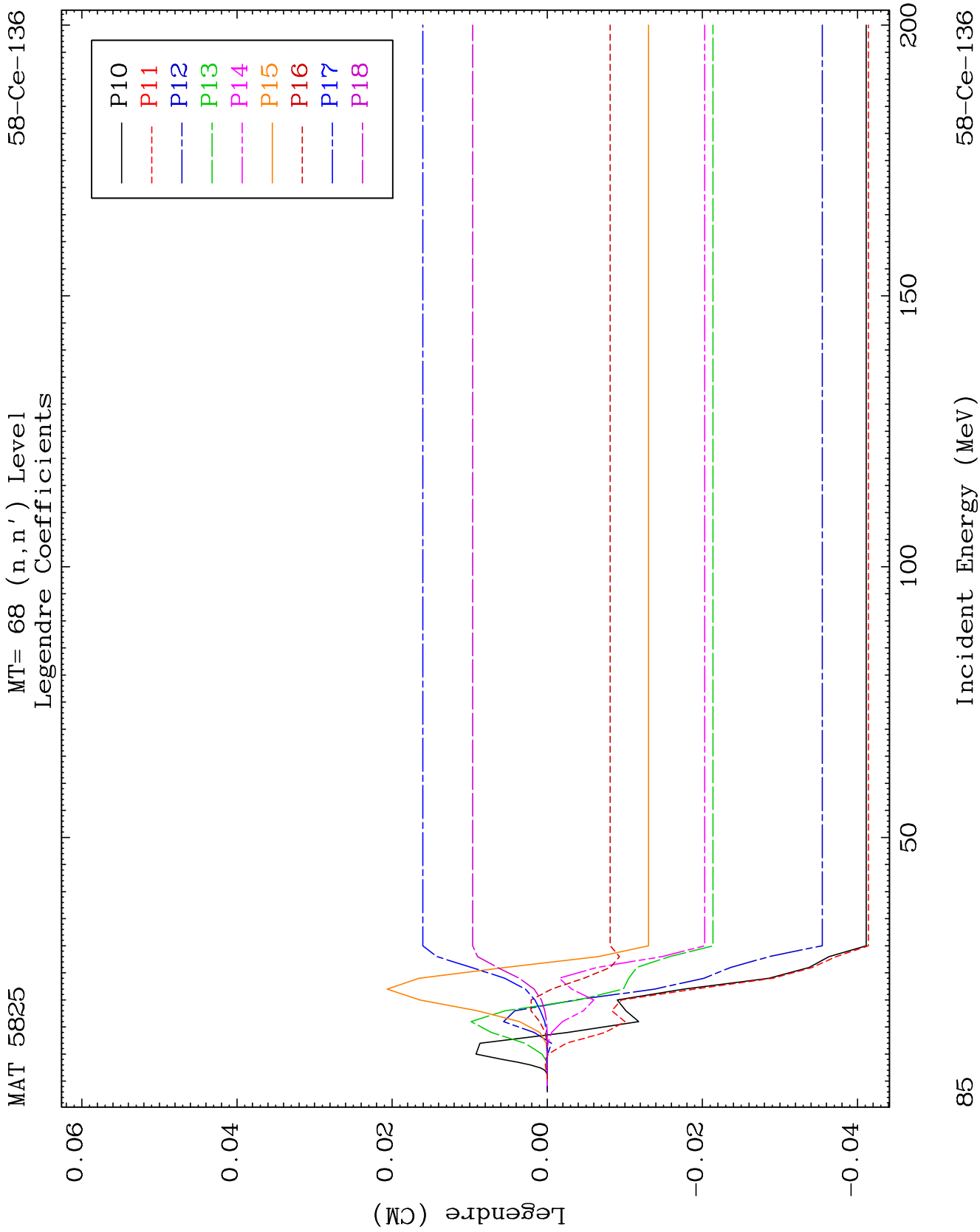
58-Ce-136

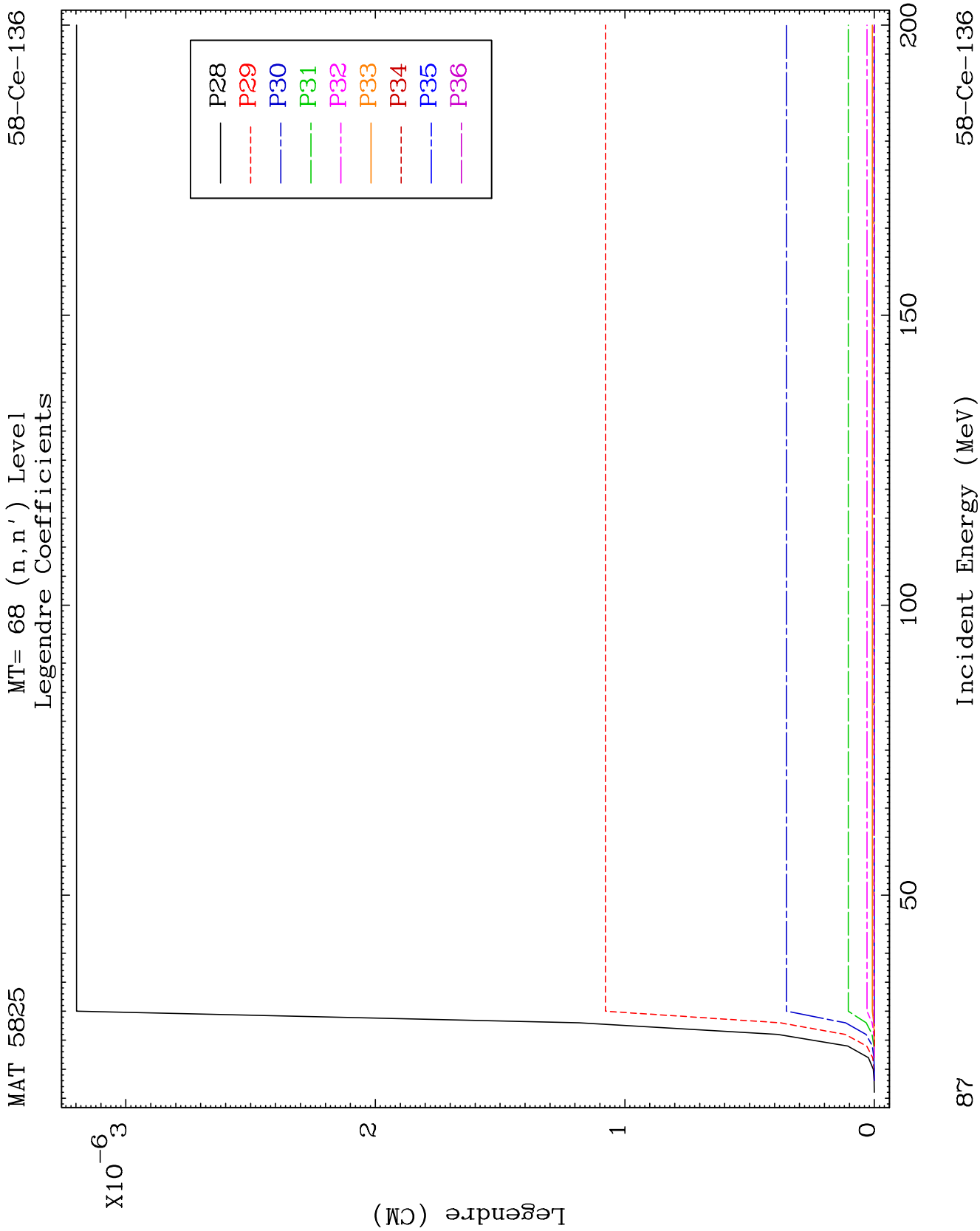


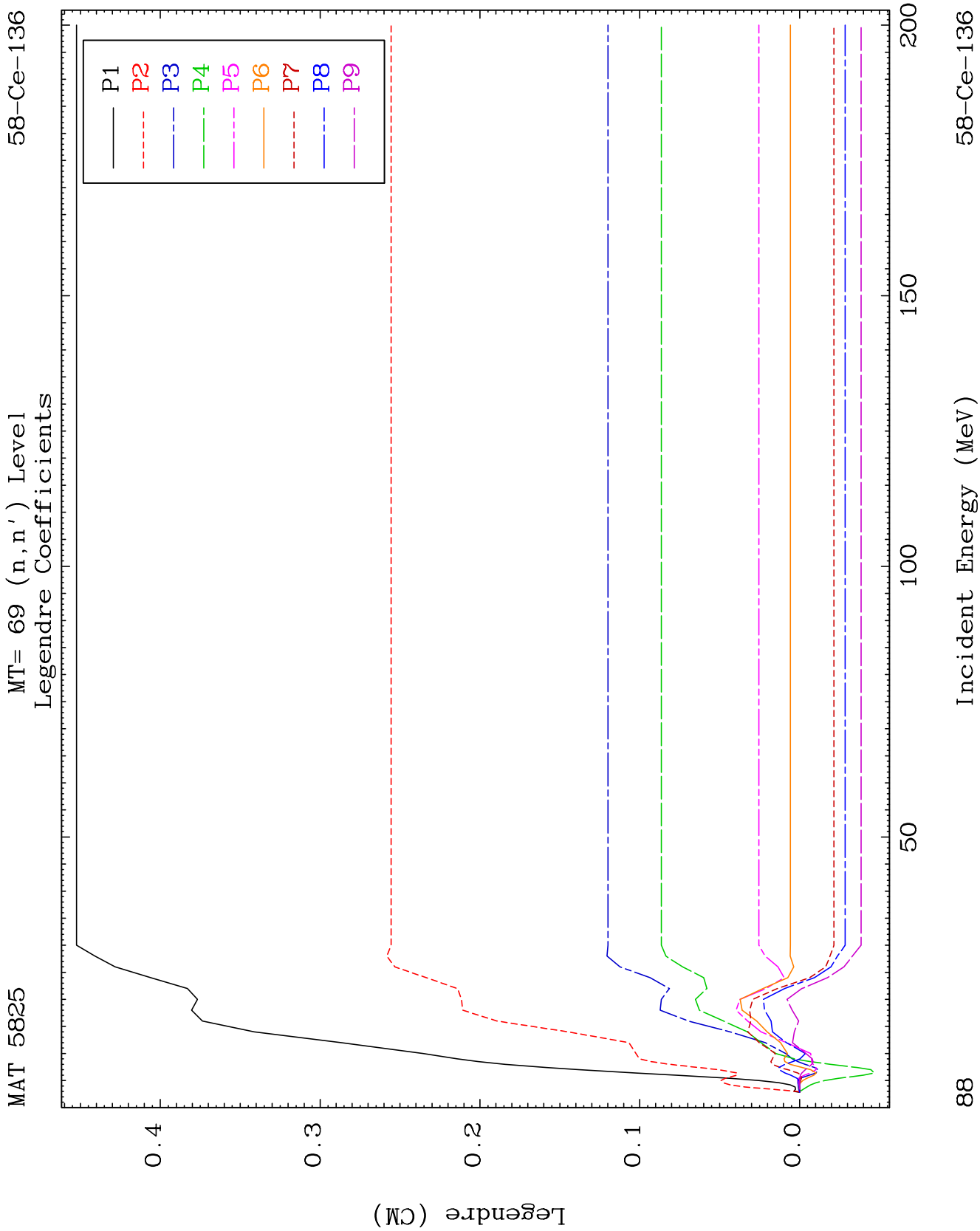


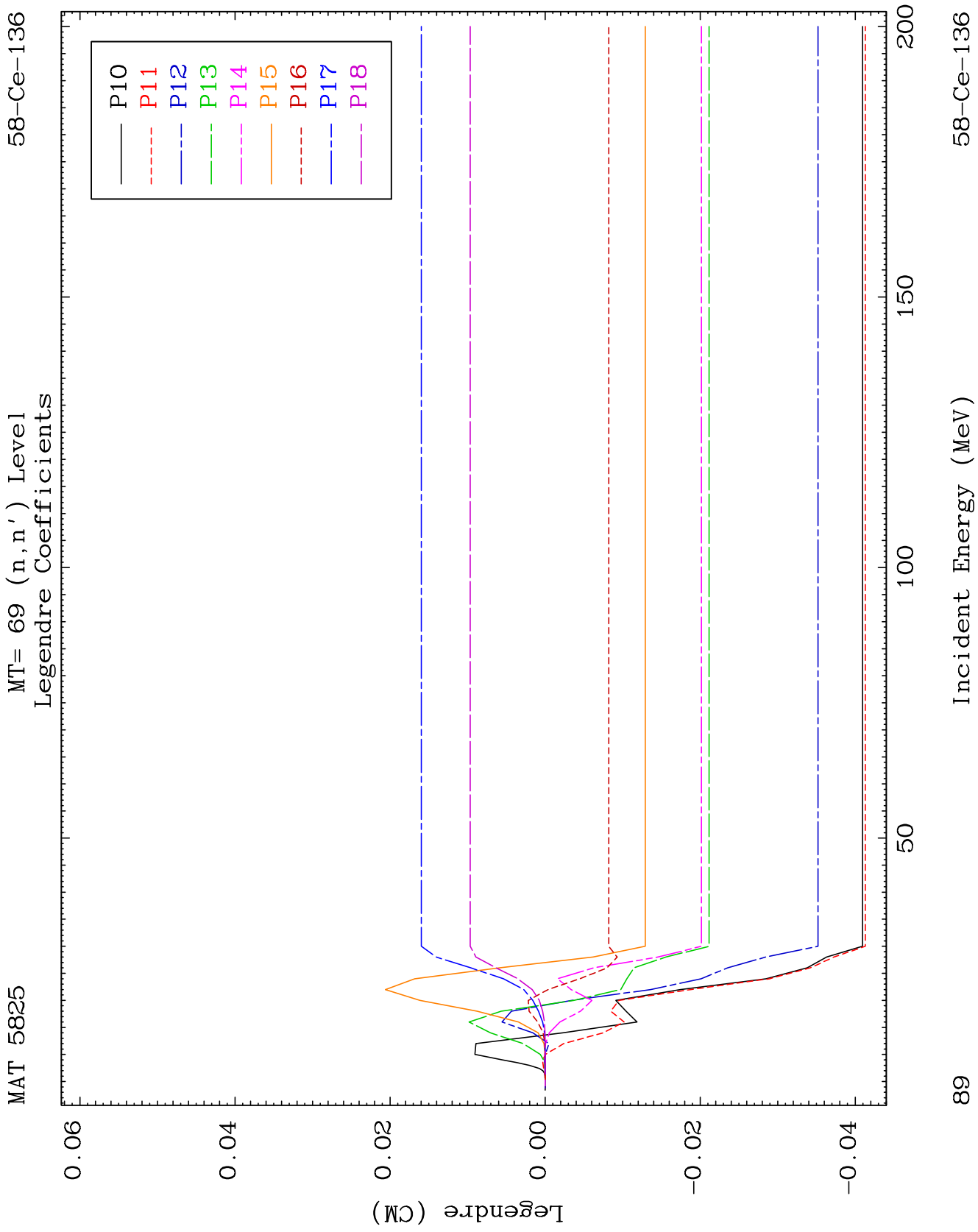








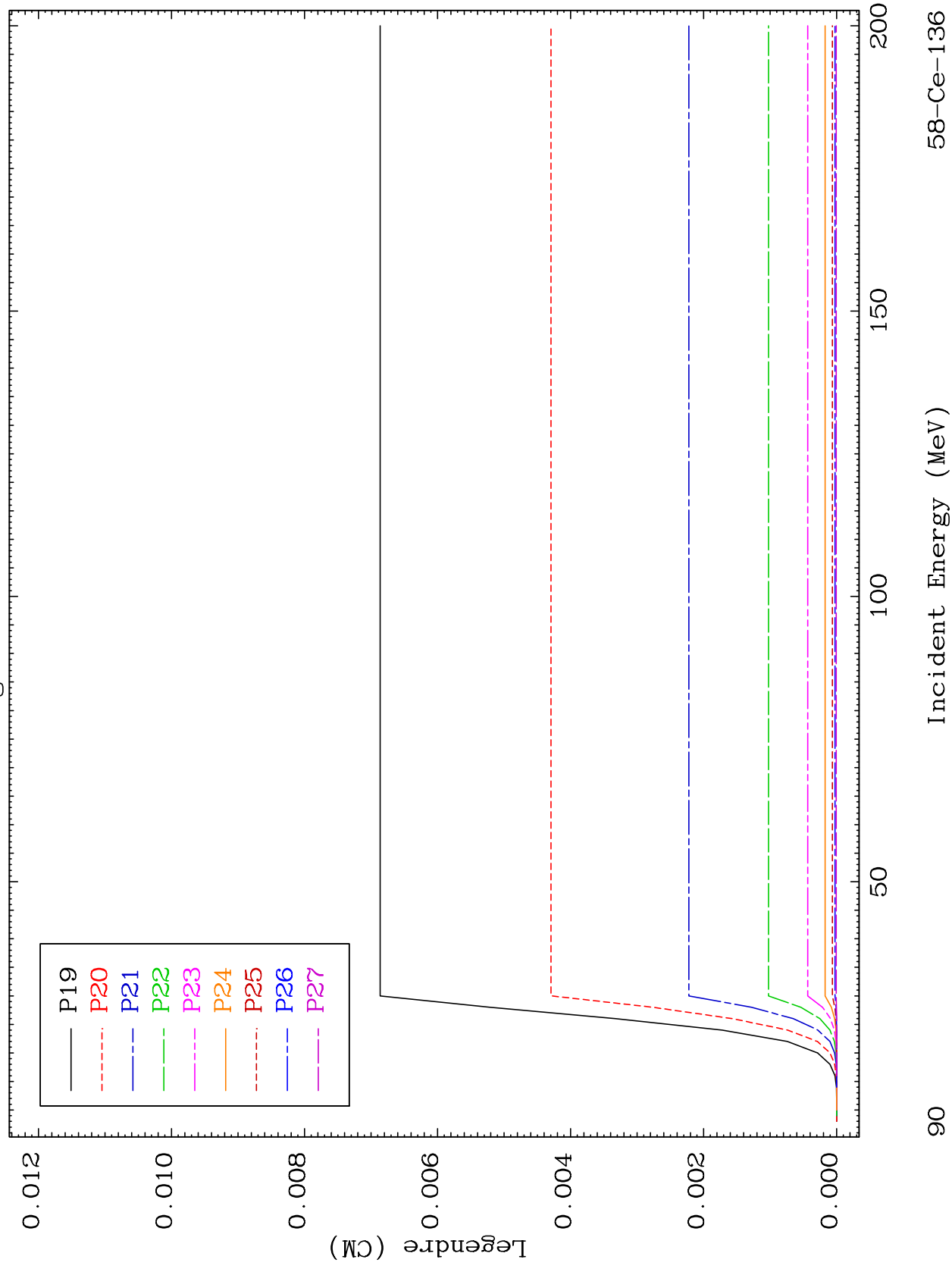


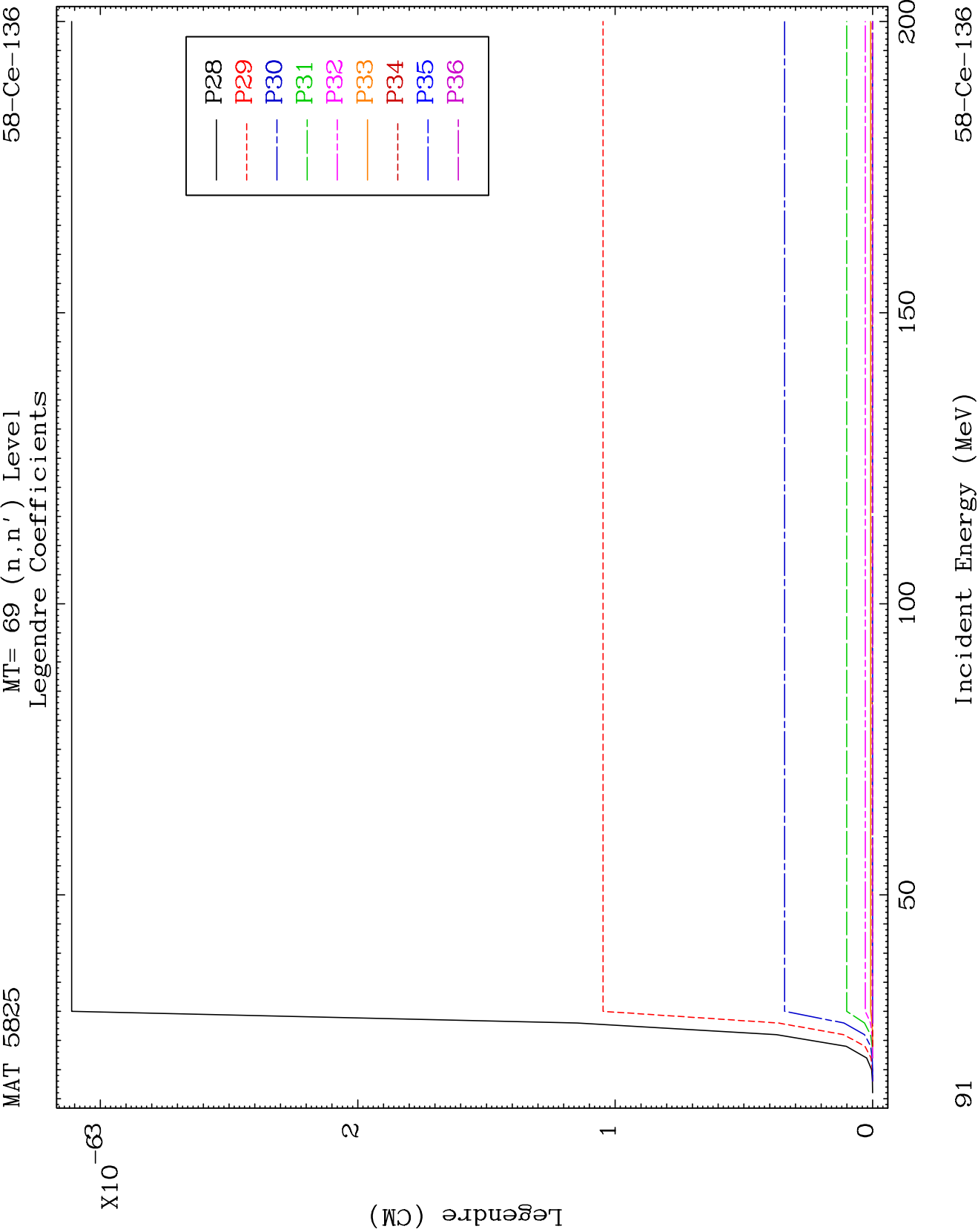


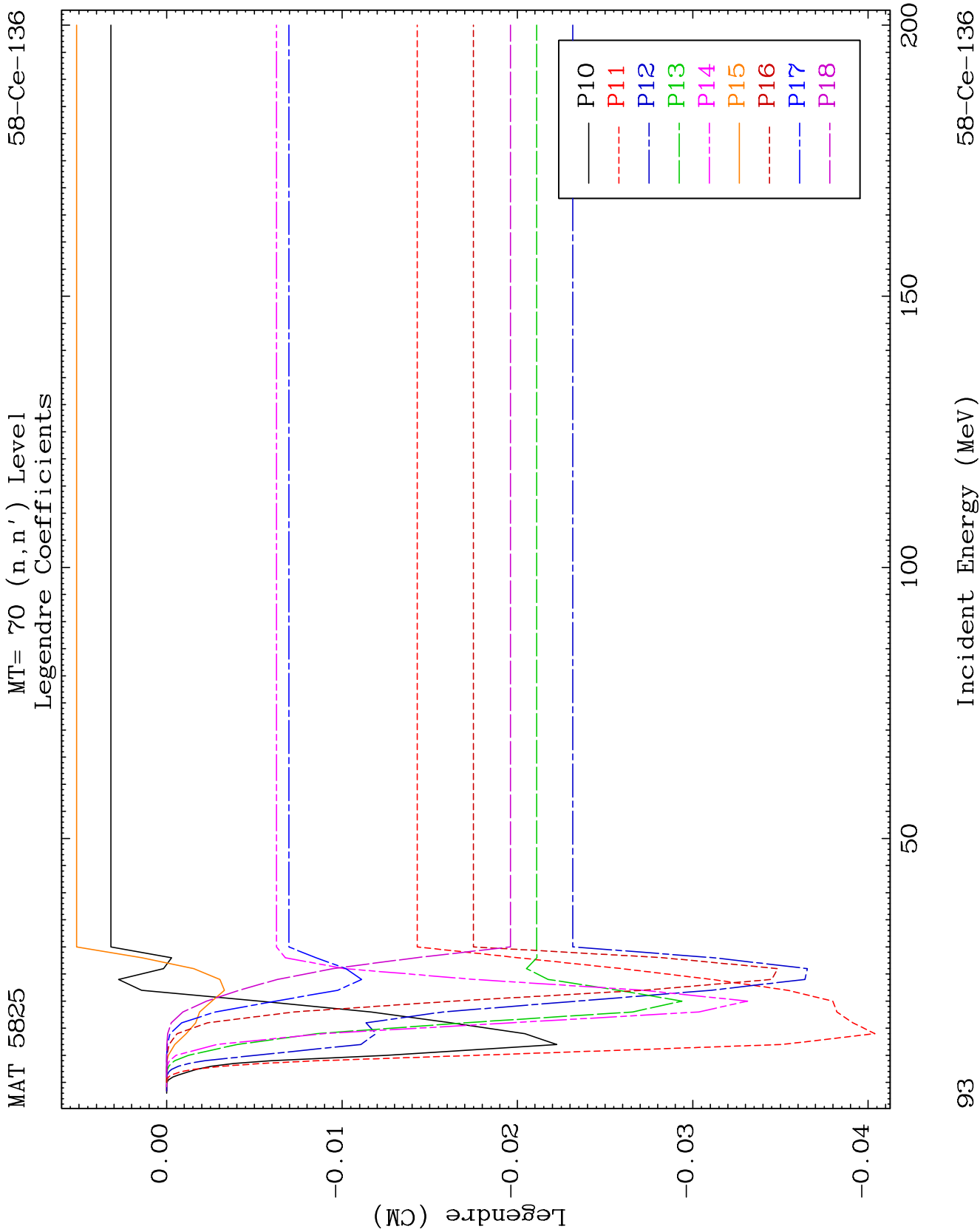
MAT 5825

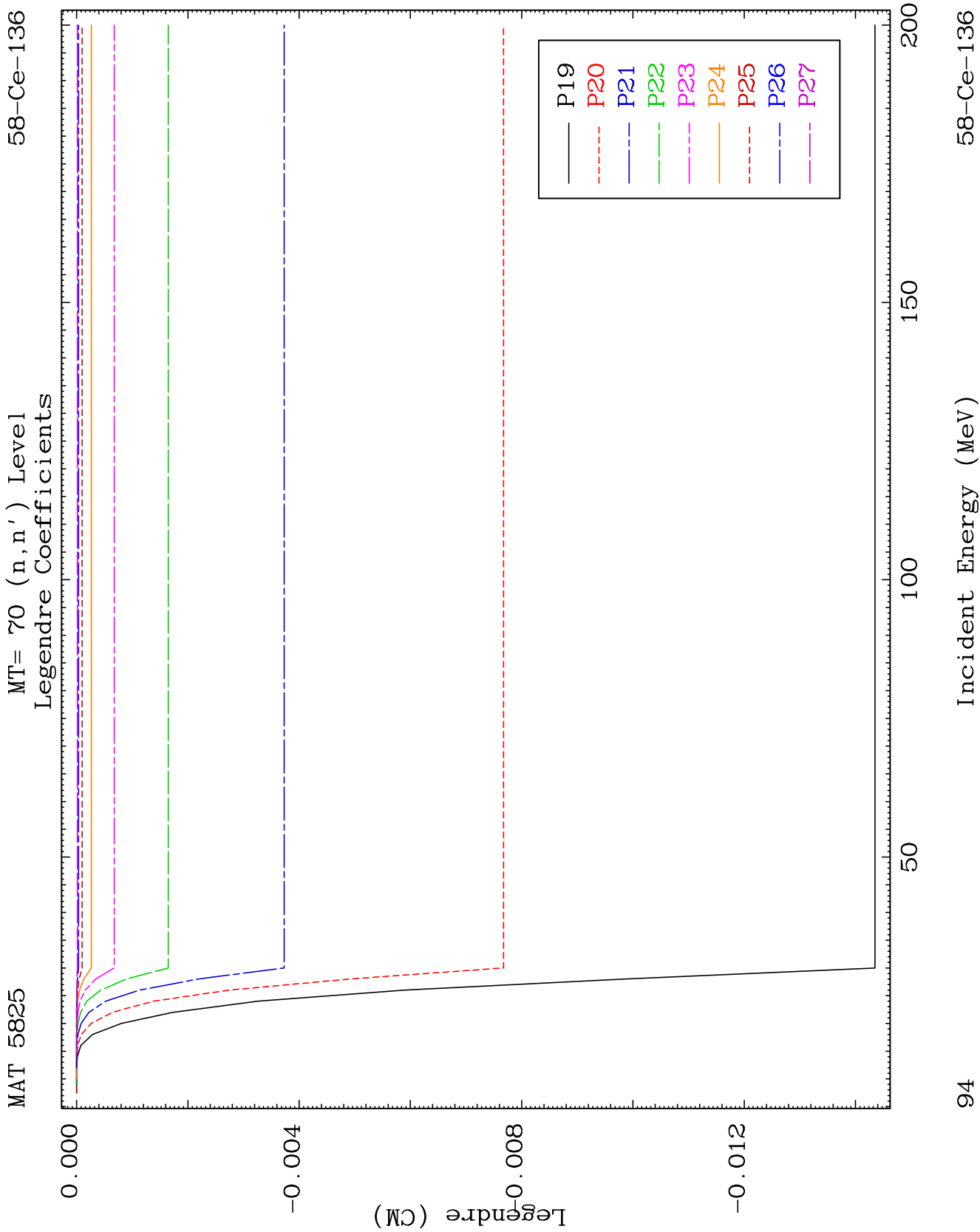
MT= 69 (n, n') Level
Legendre Coefficients

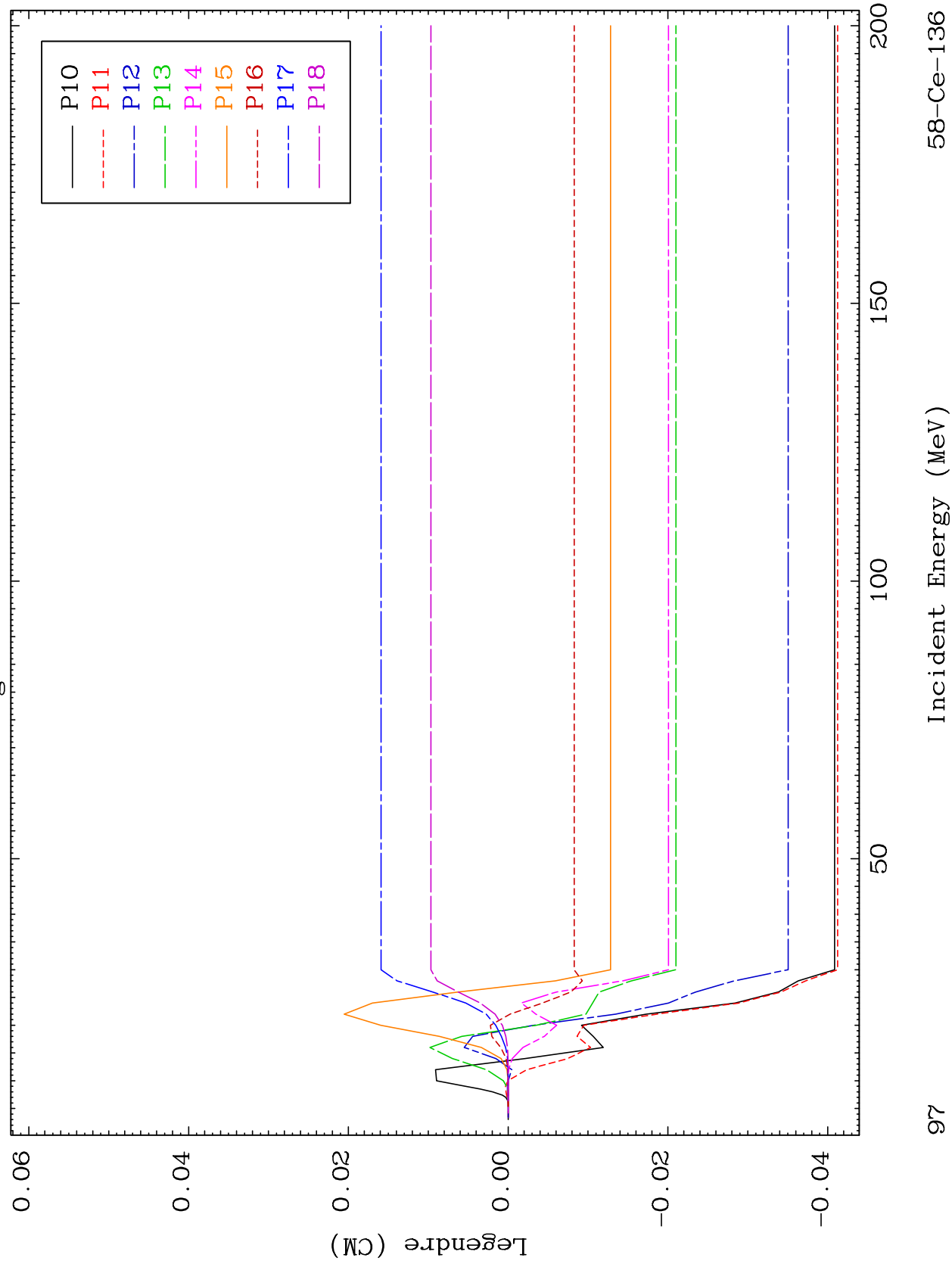
58-Ce-136

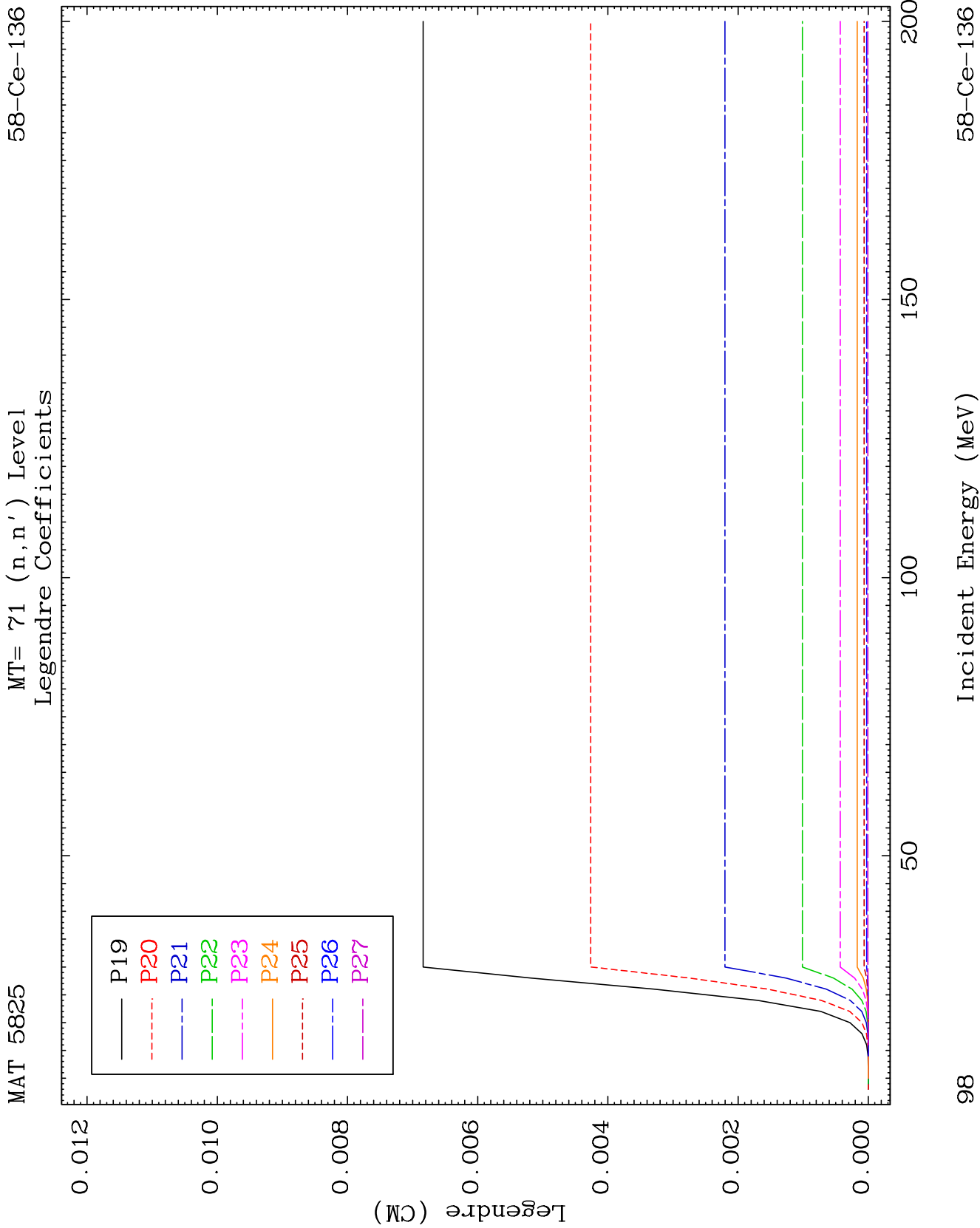


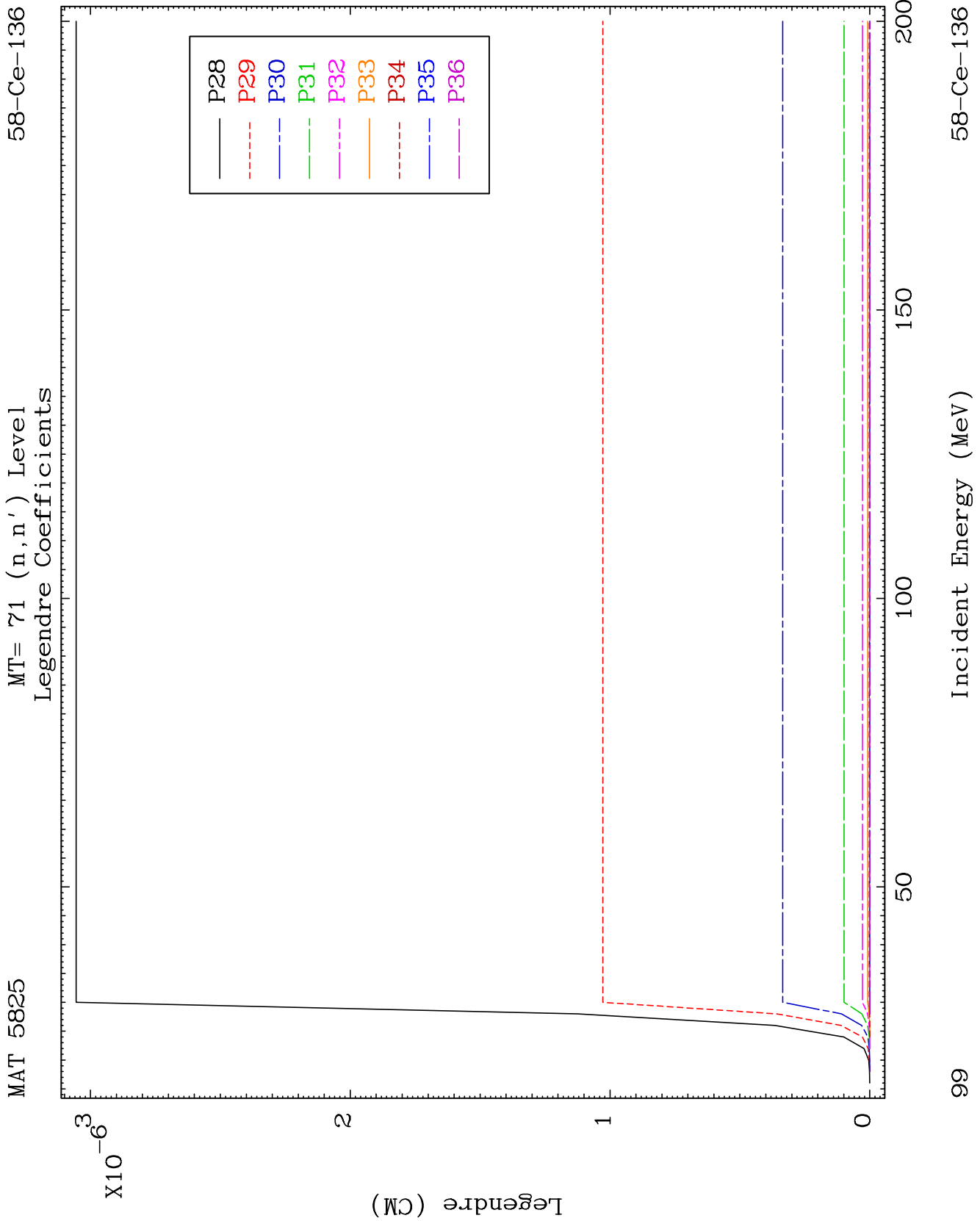








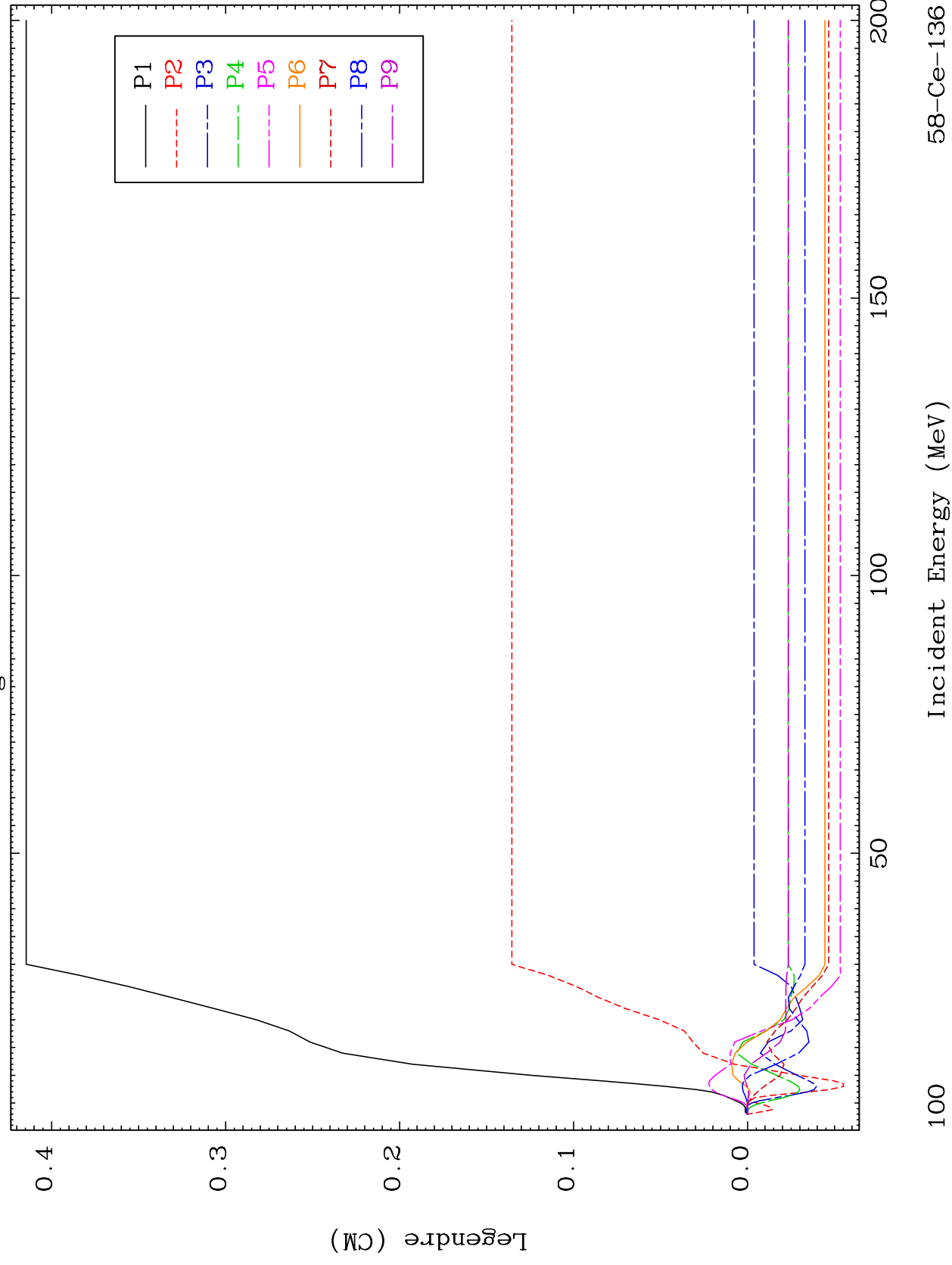




MAT 5825

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

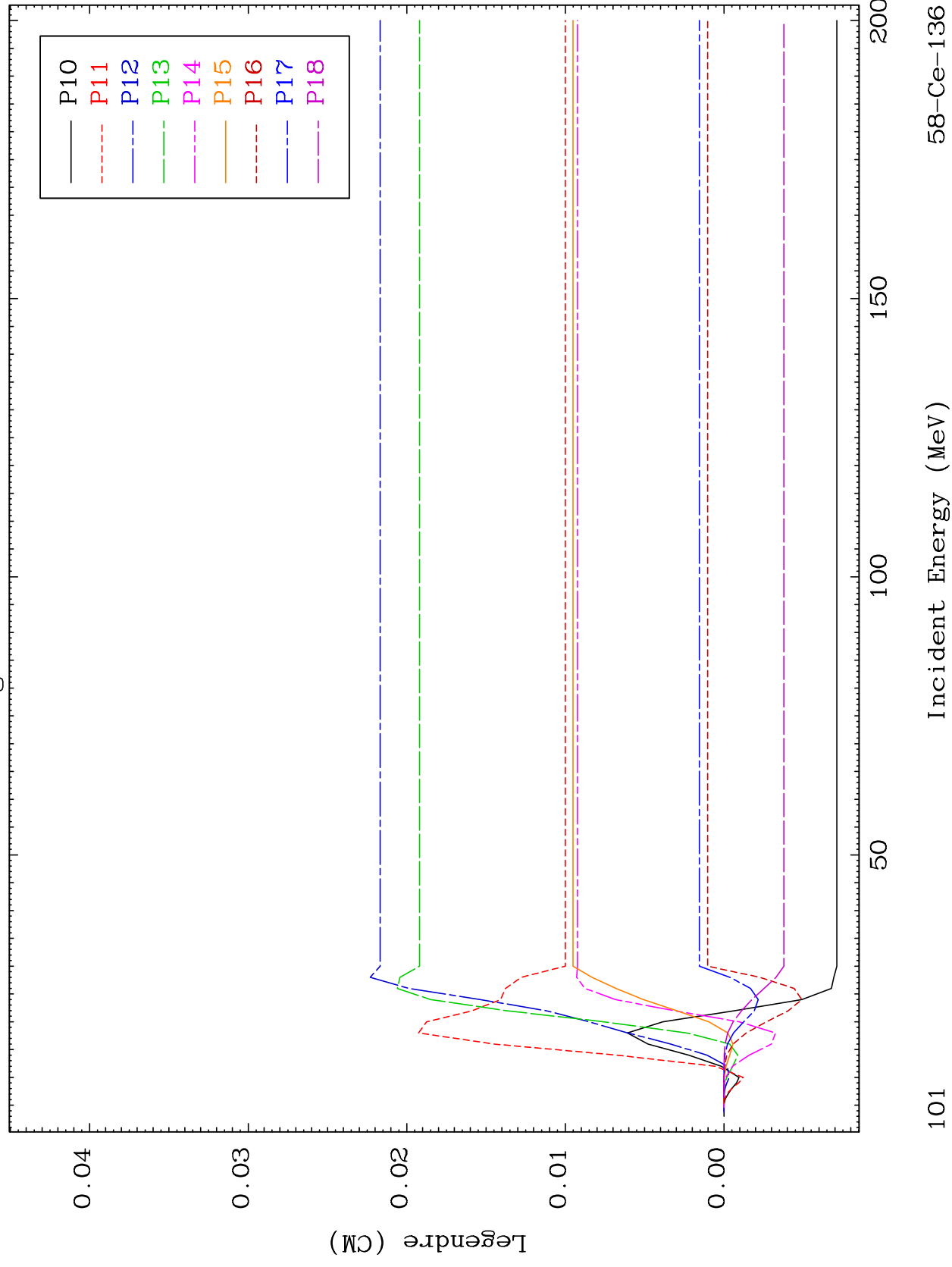
58-Ce-136



MAT 5825

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

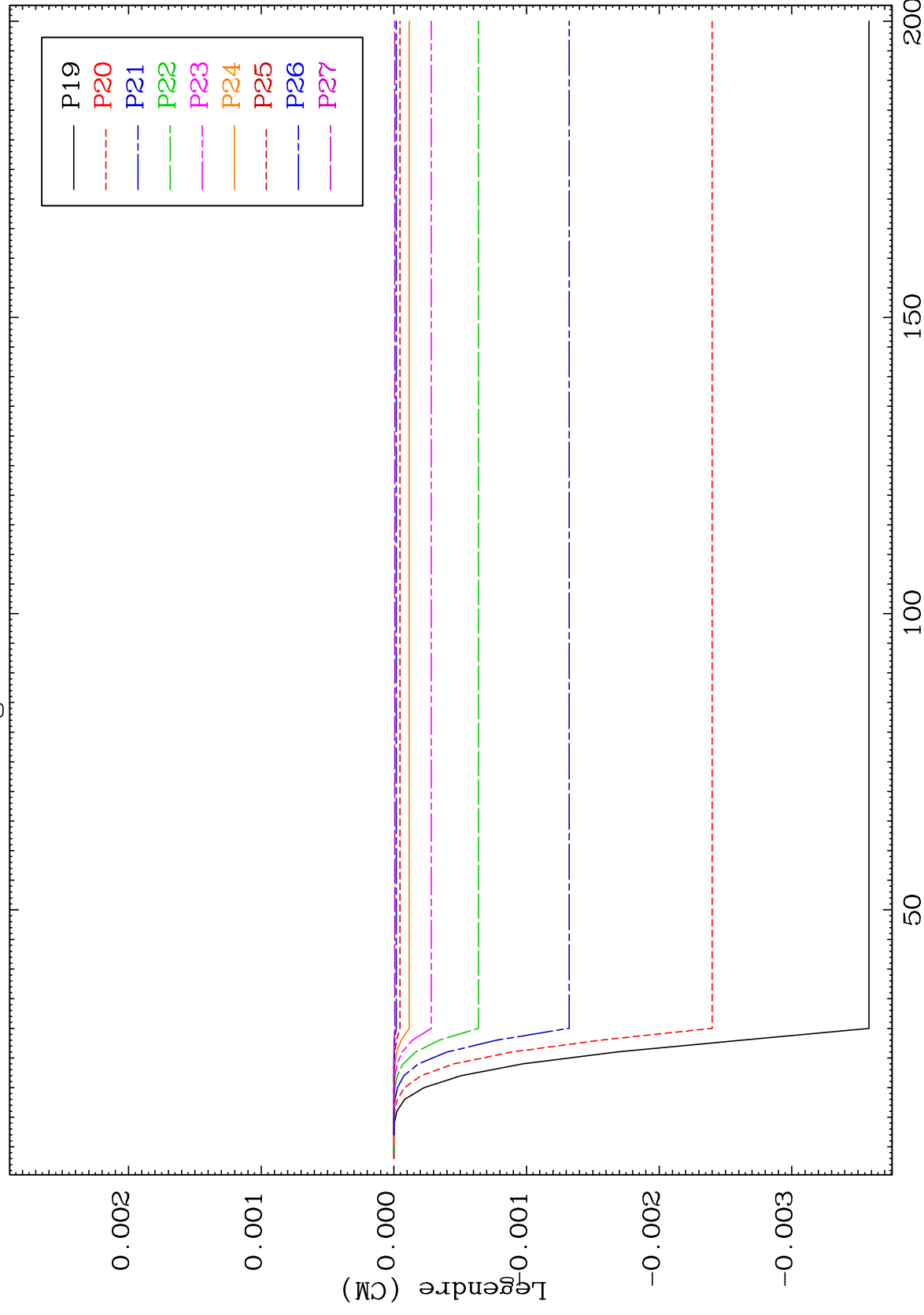
58-Ce-136



MAT 5825

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

58-Ce-136



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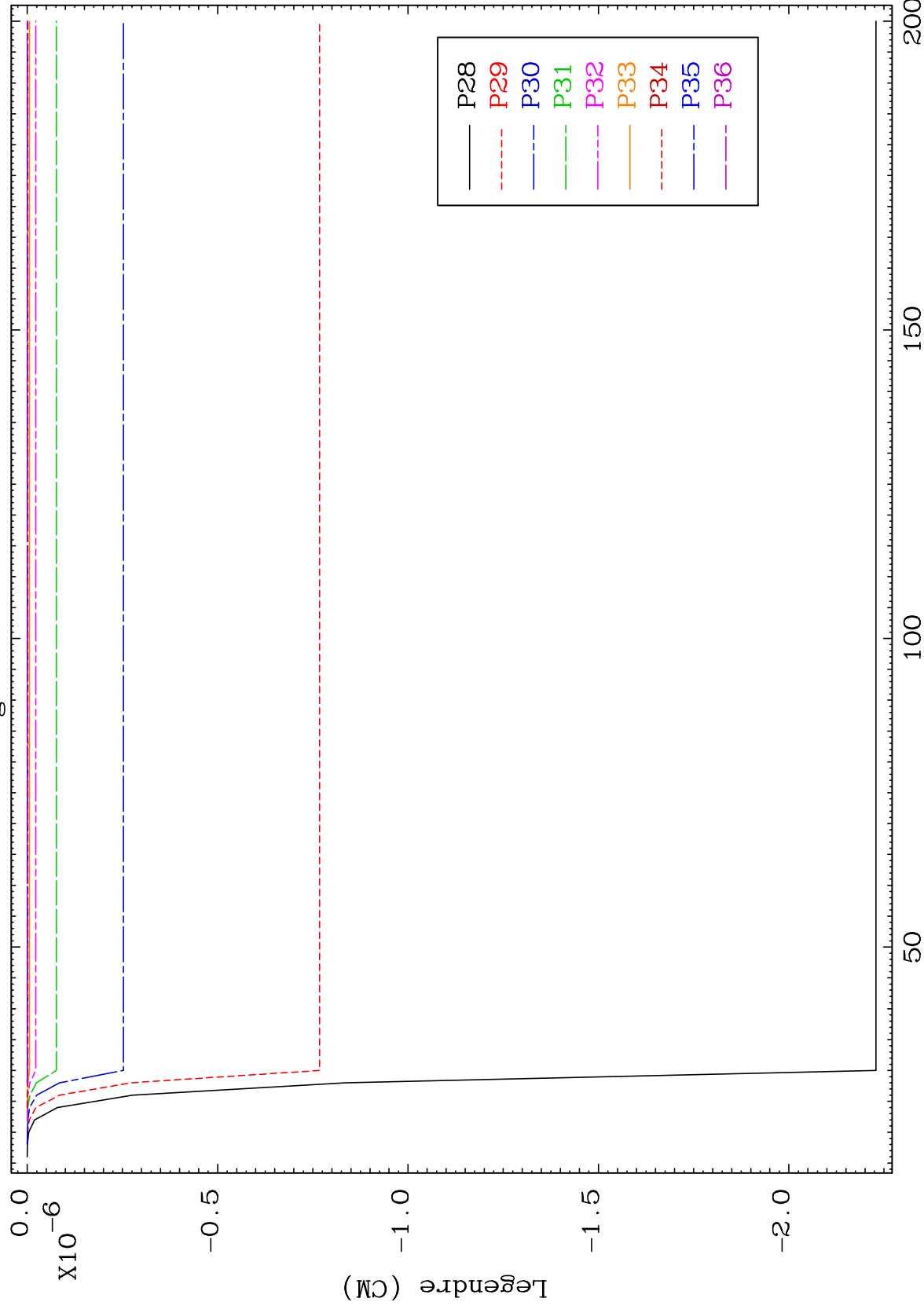
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

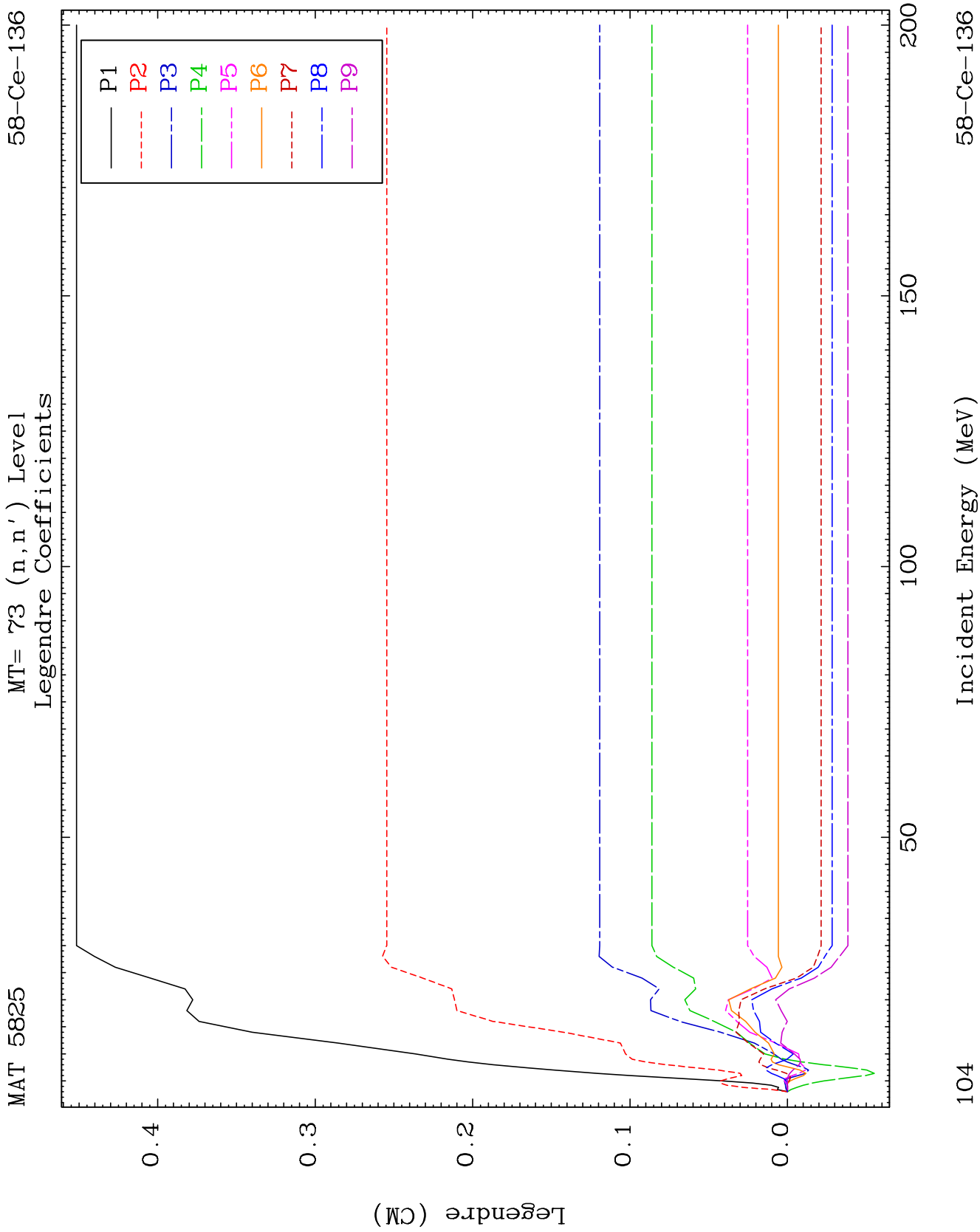
58-Ce-136



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Incident Energy (MeV)

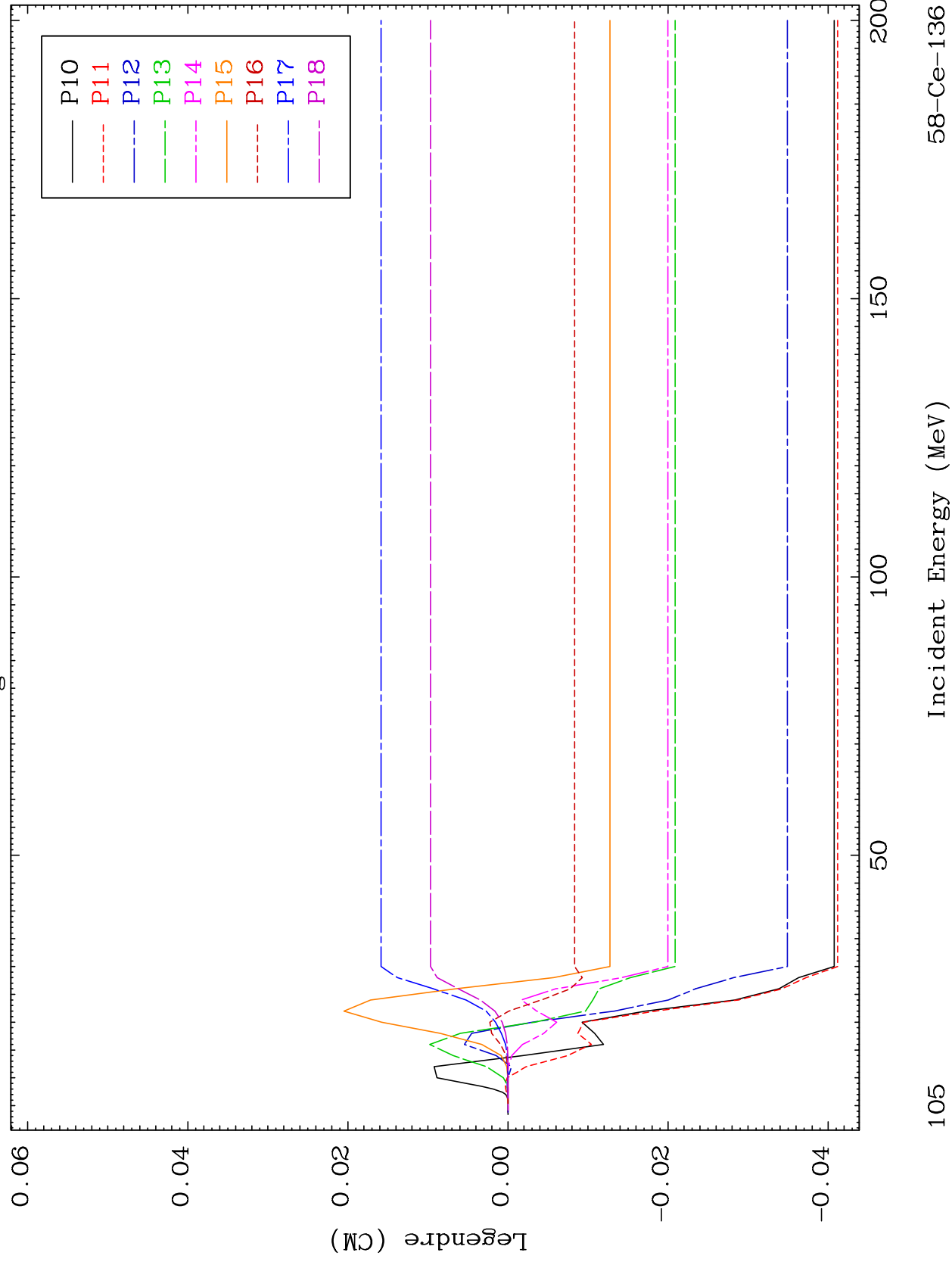
58-Ce-136



MAT 5825

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

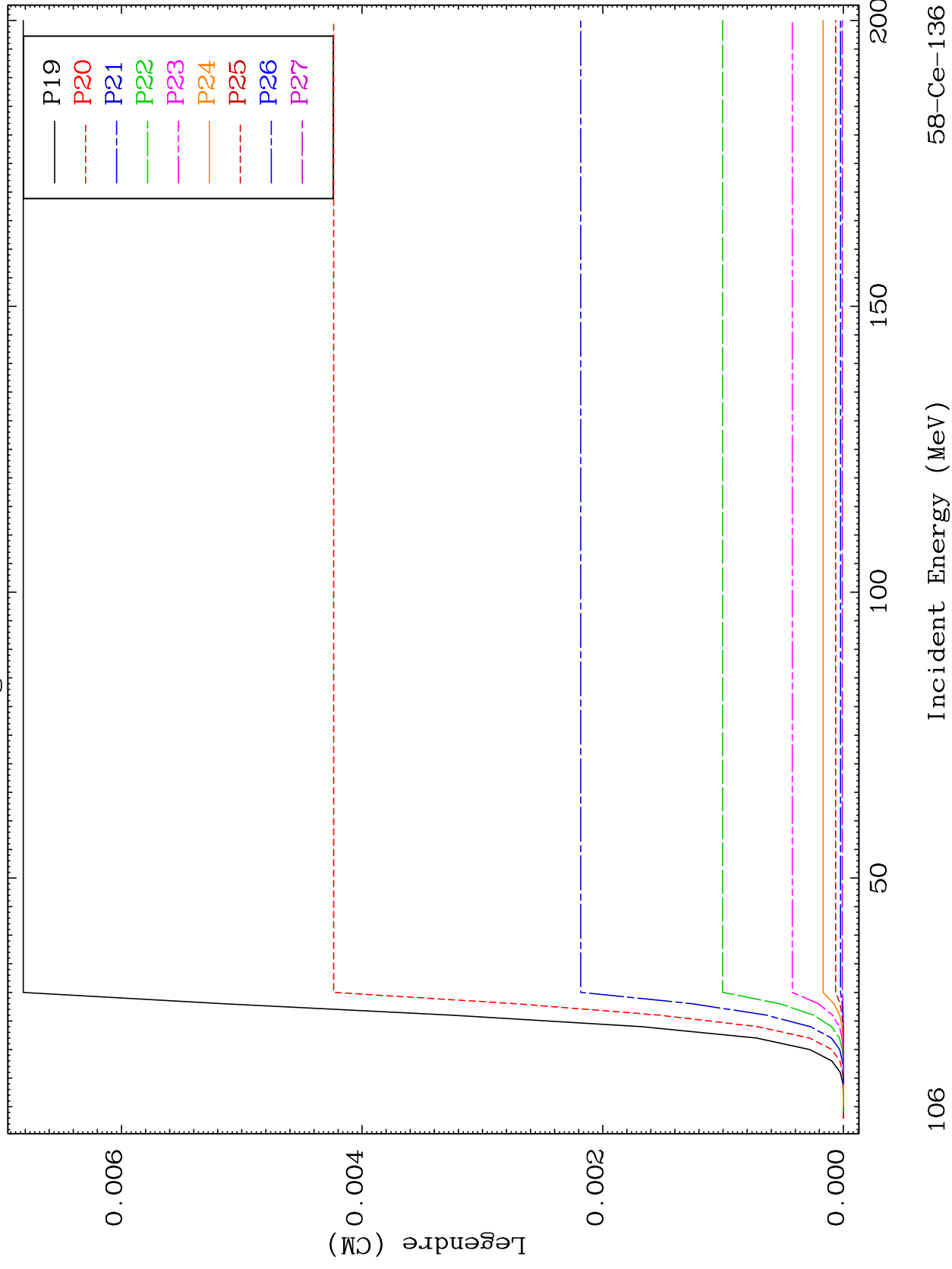
58-Ce-136

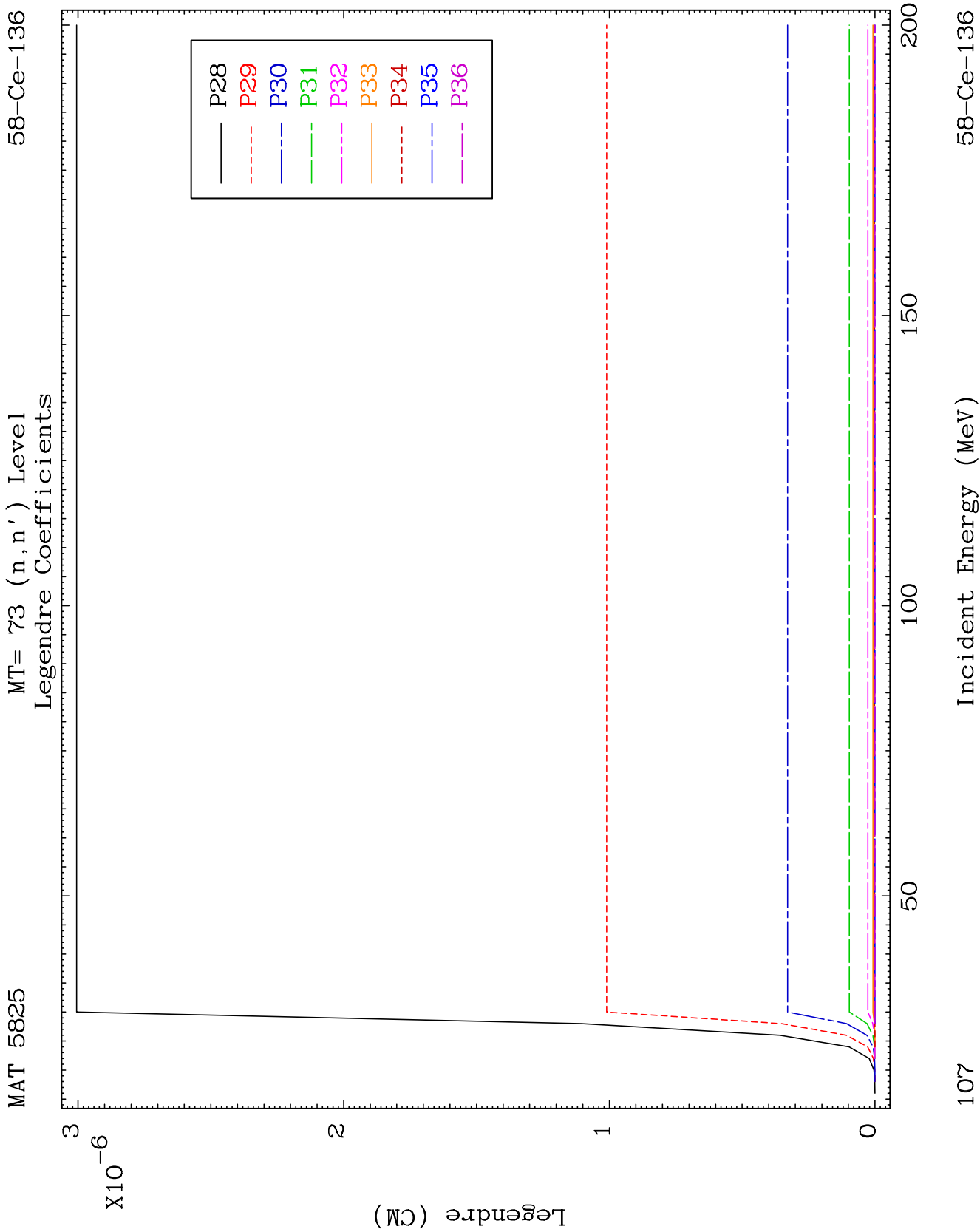


MAT 5825

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

58-Ce-136

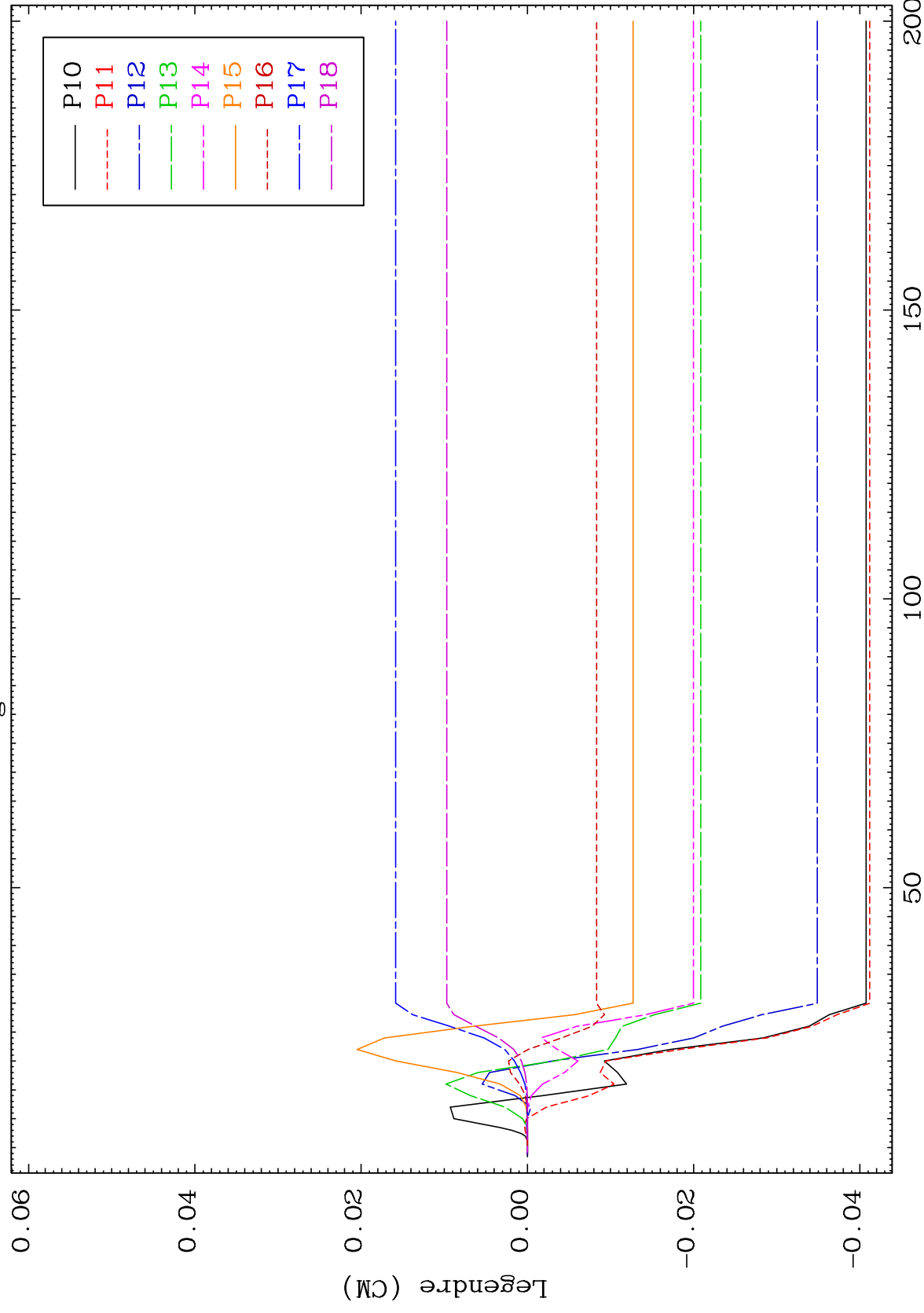




MAT 5825

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

58-Ce-136



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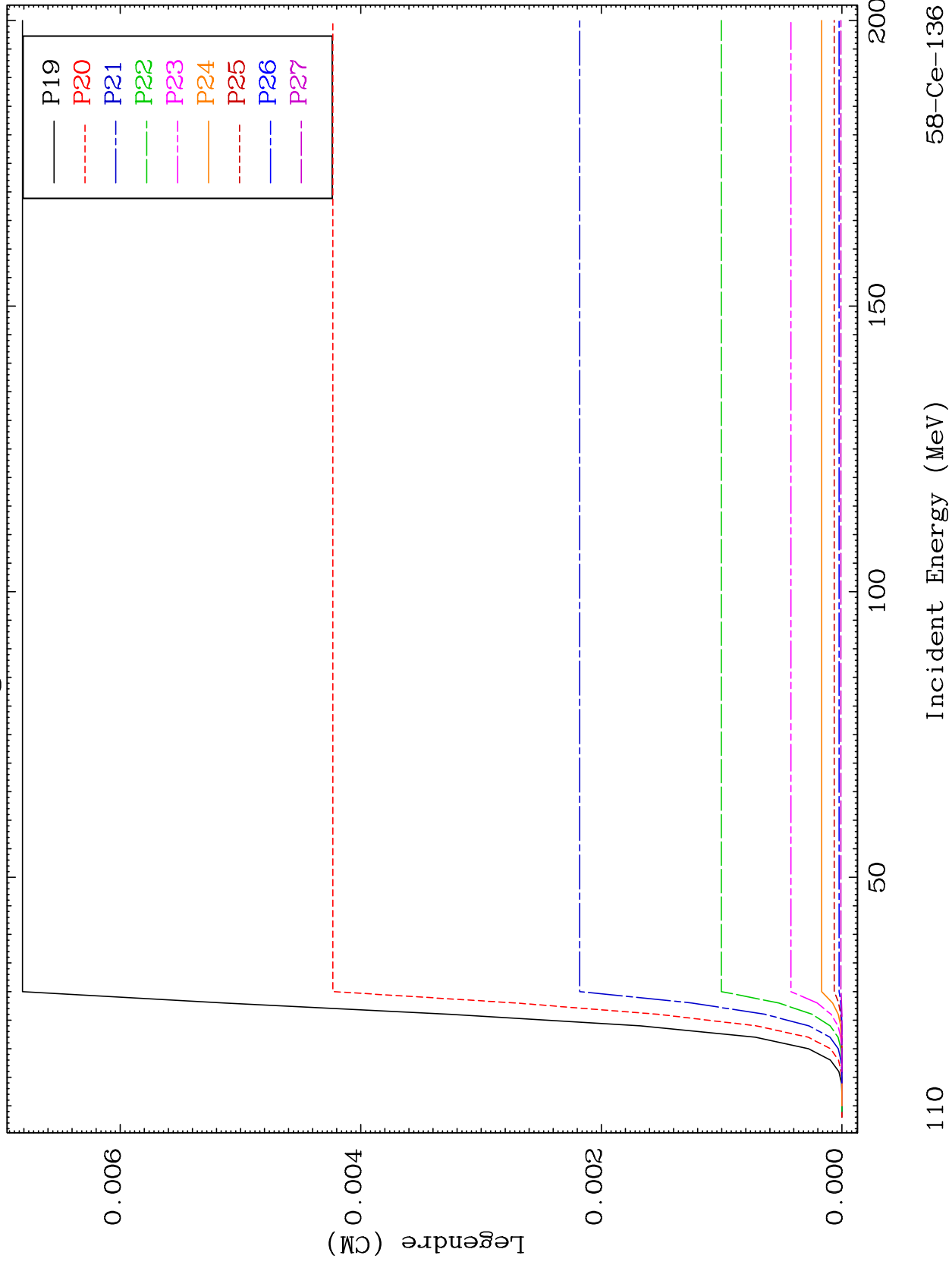
Incident Energy (MeV)

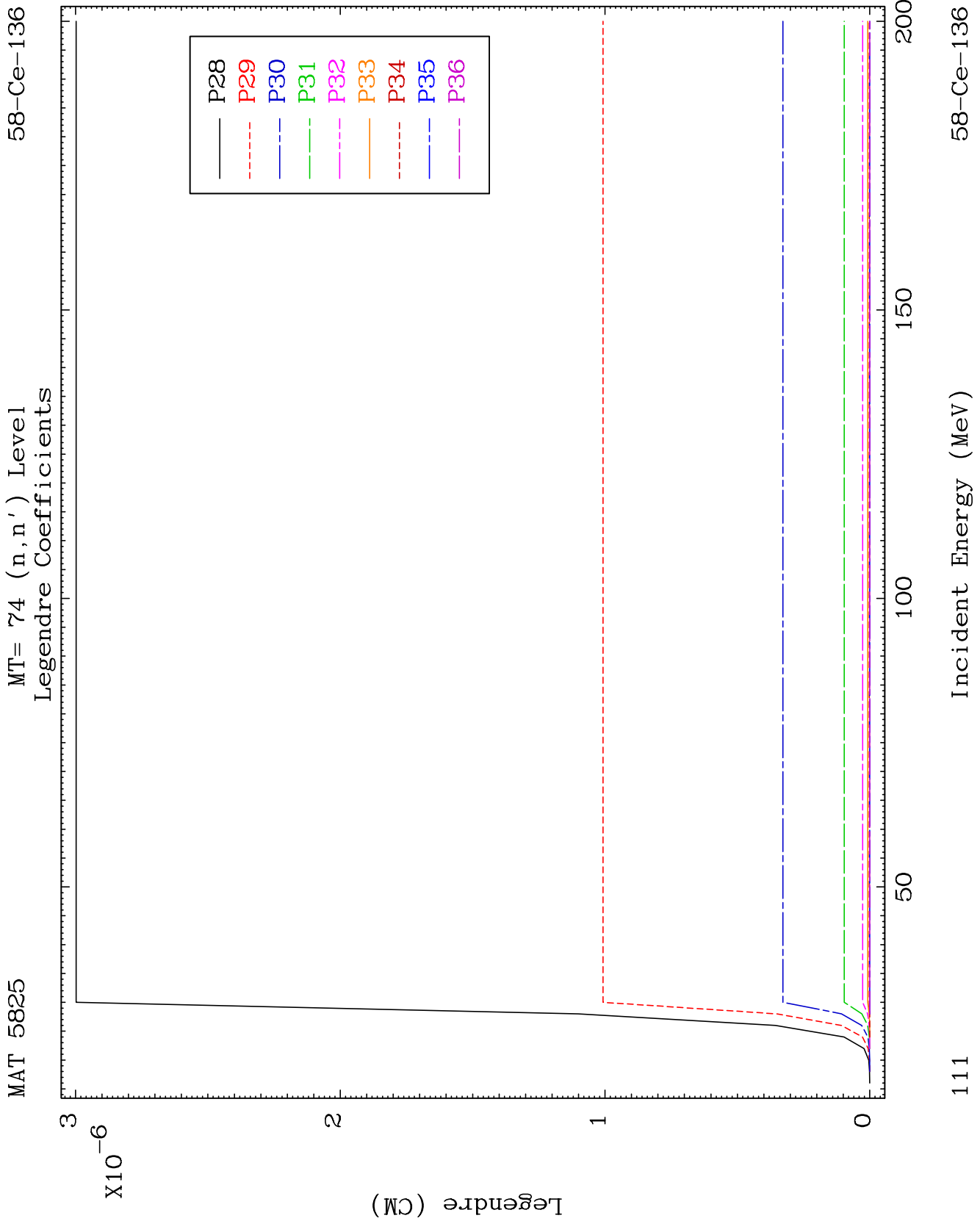
58-Ce-136

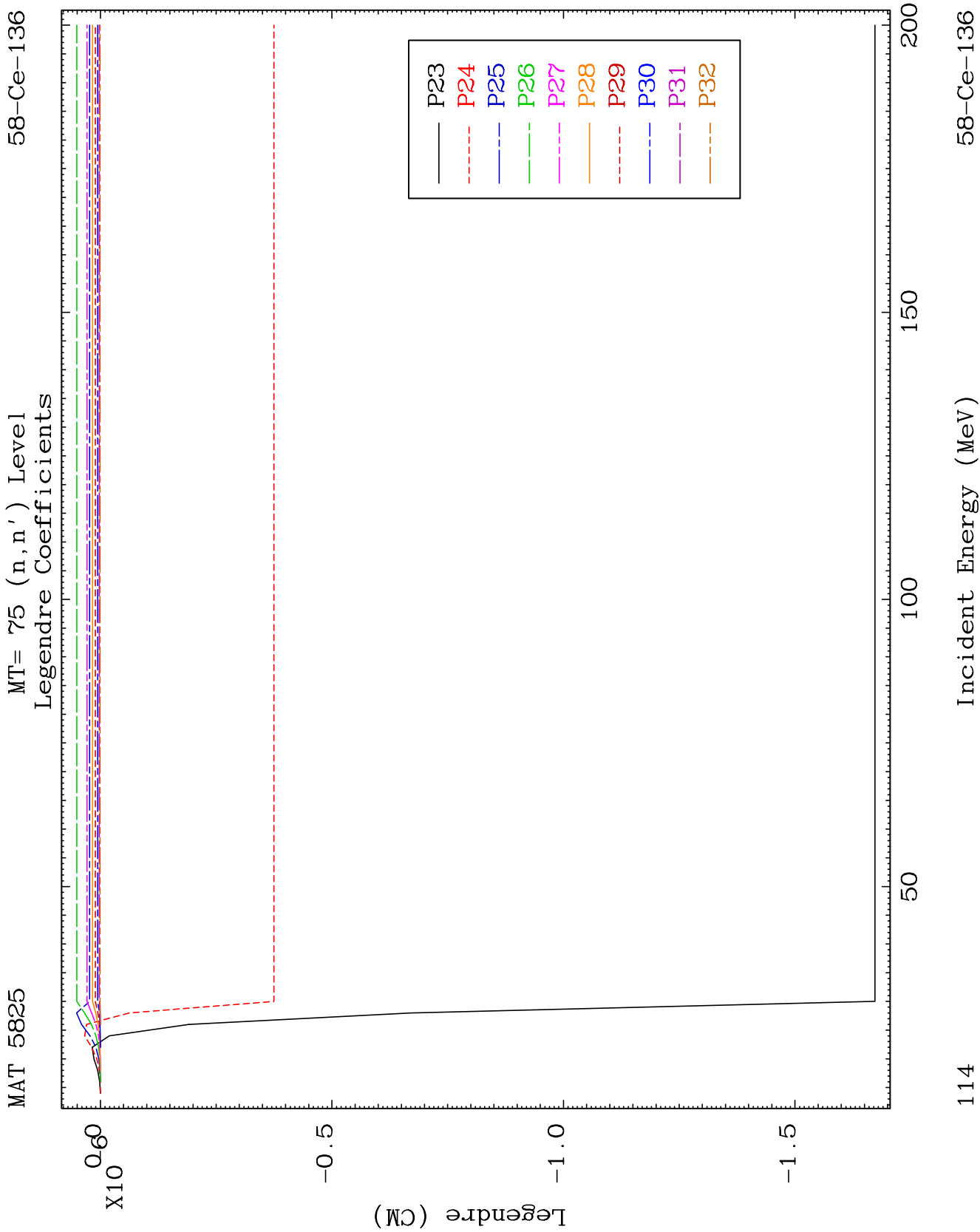
MAT 5825

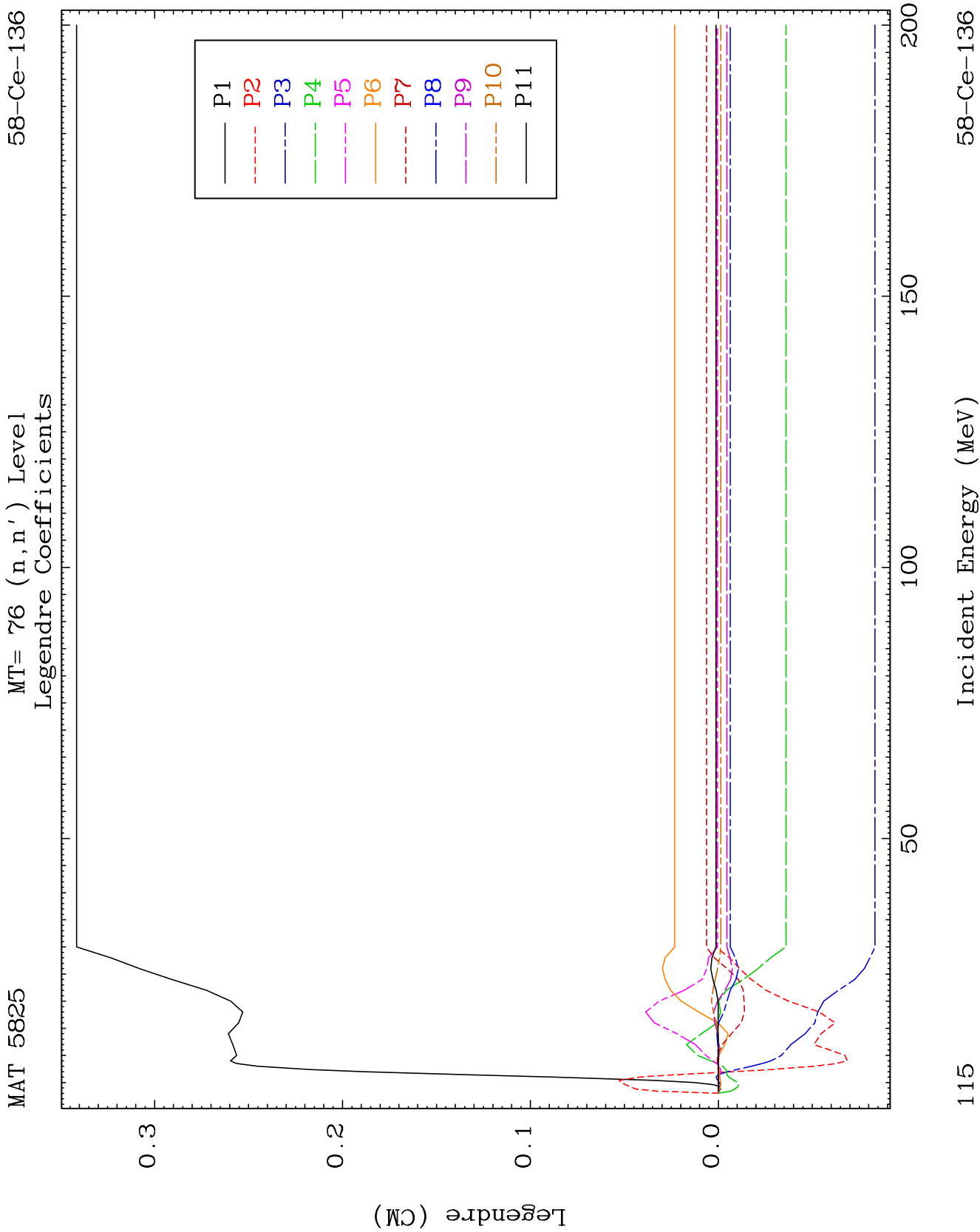
MT= 74 (n, n') Level
Legendre Coefficients

58-Ce-136





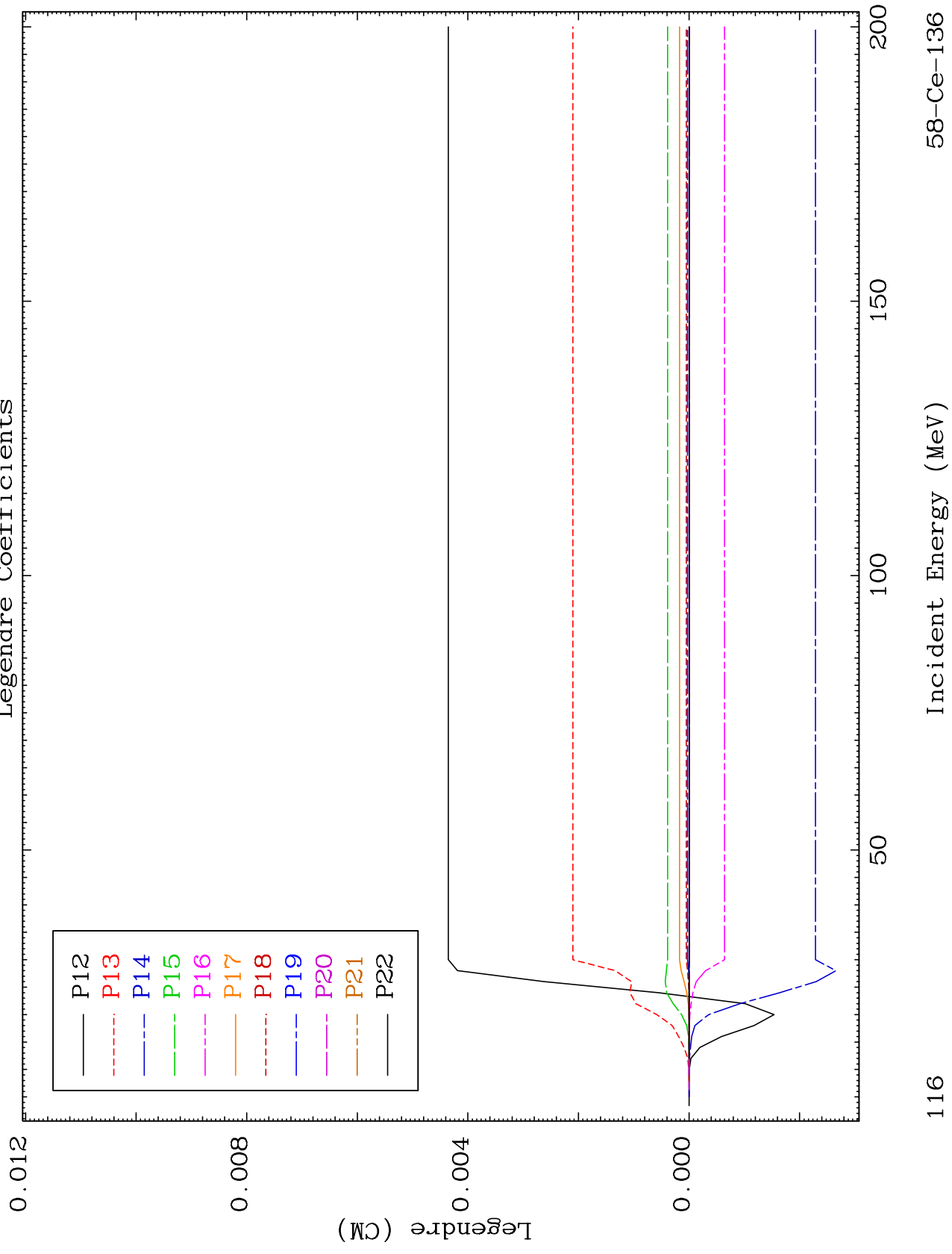


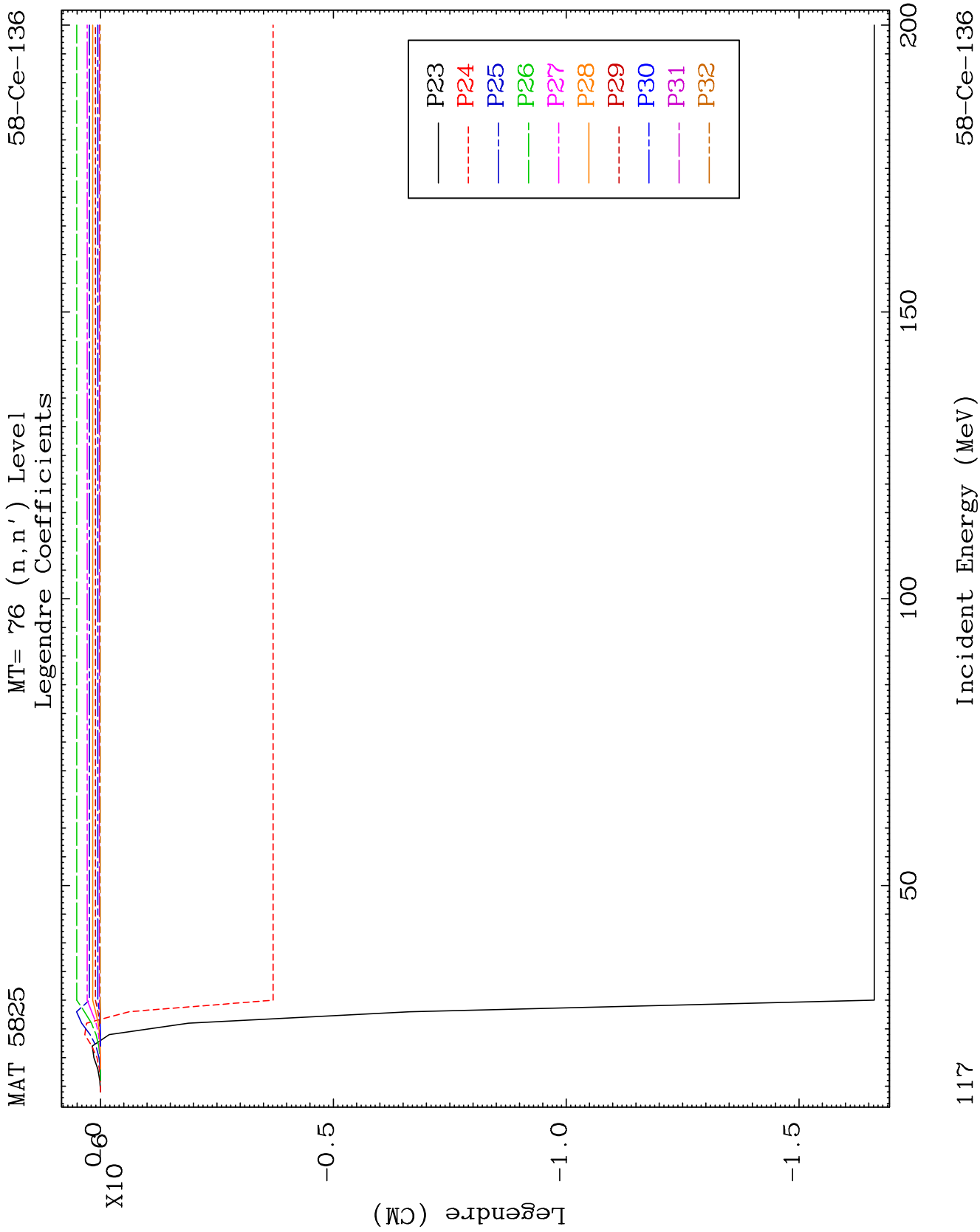


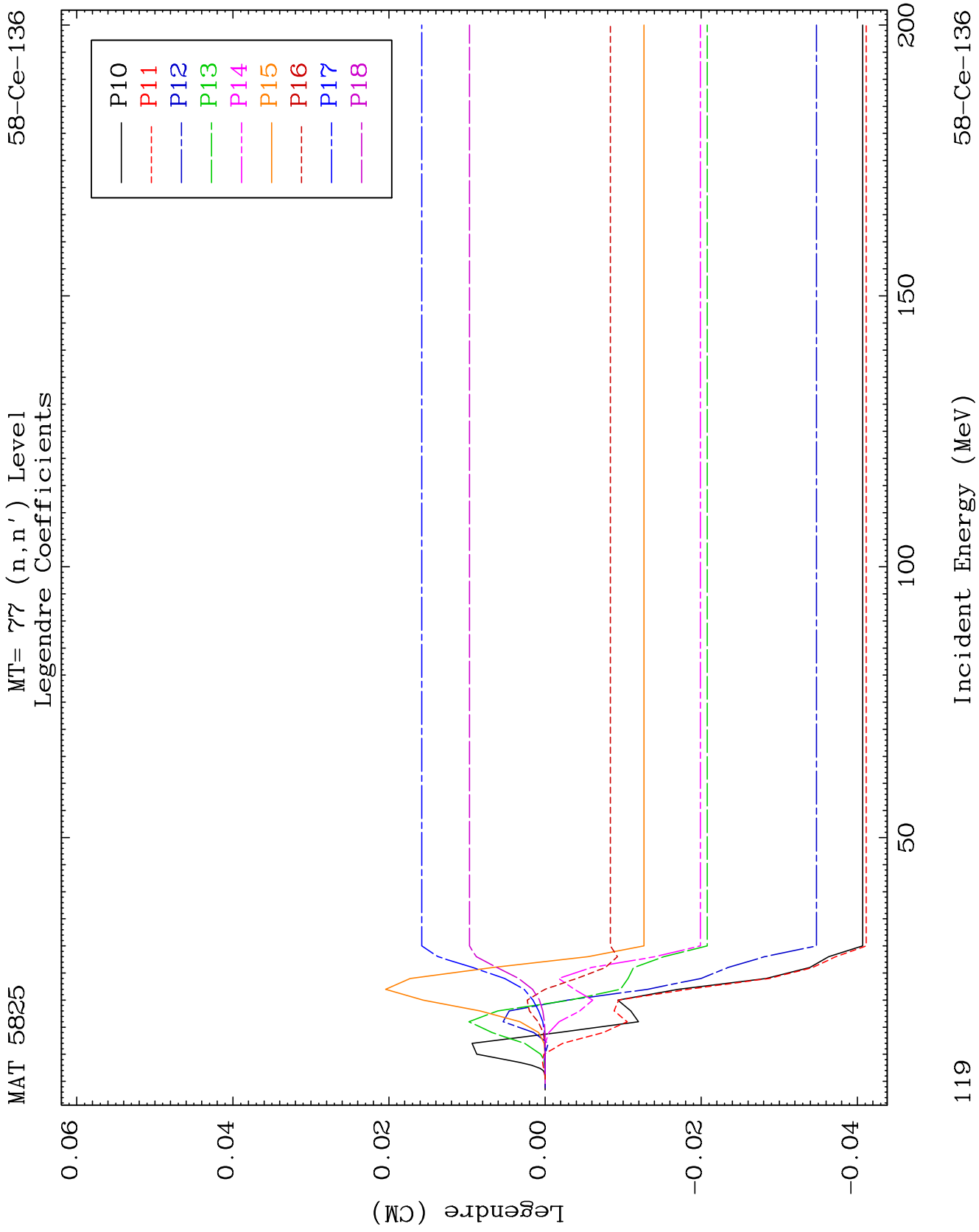
MAT 5825

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

58-Ce-136



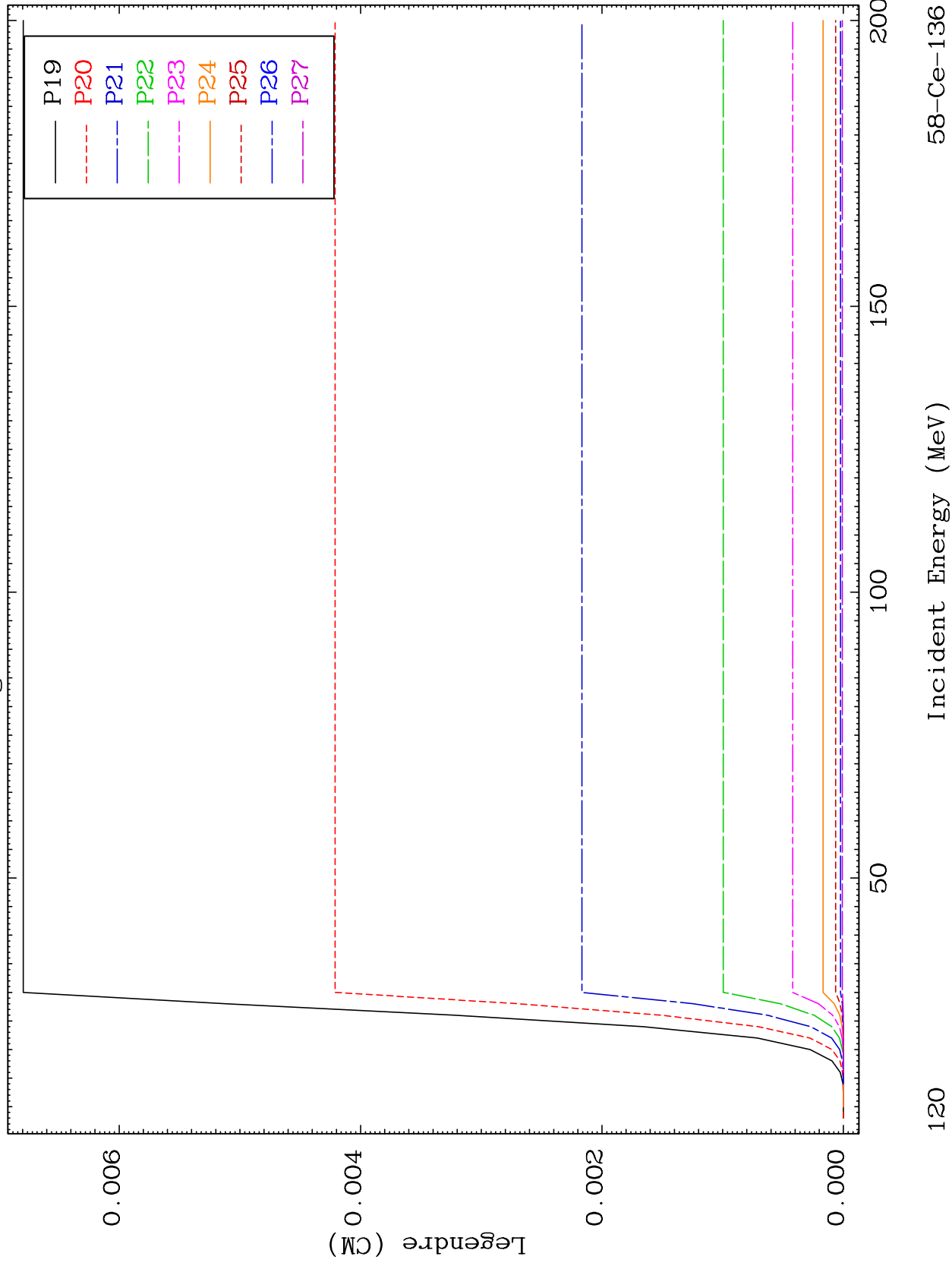


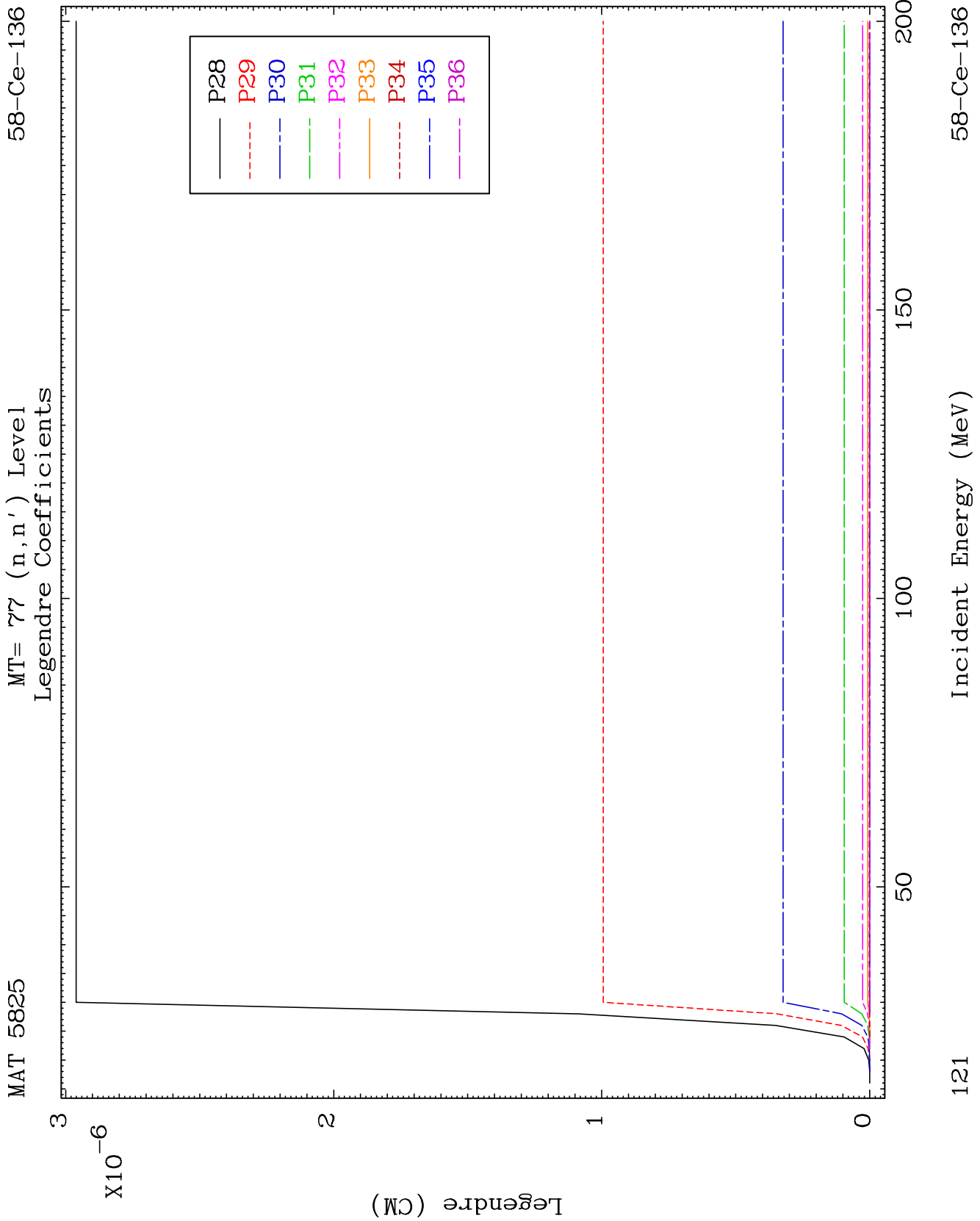


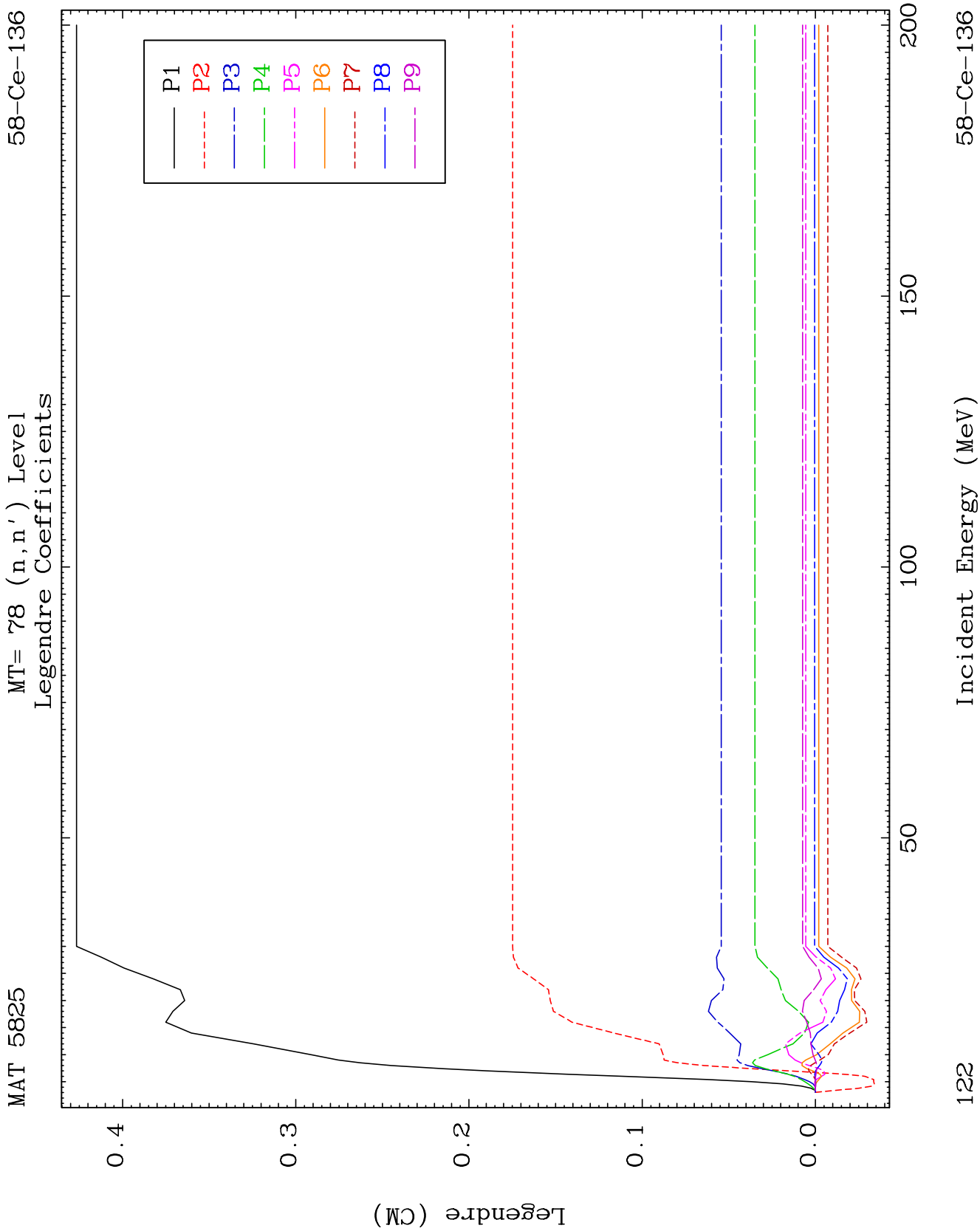
MAT 5825

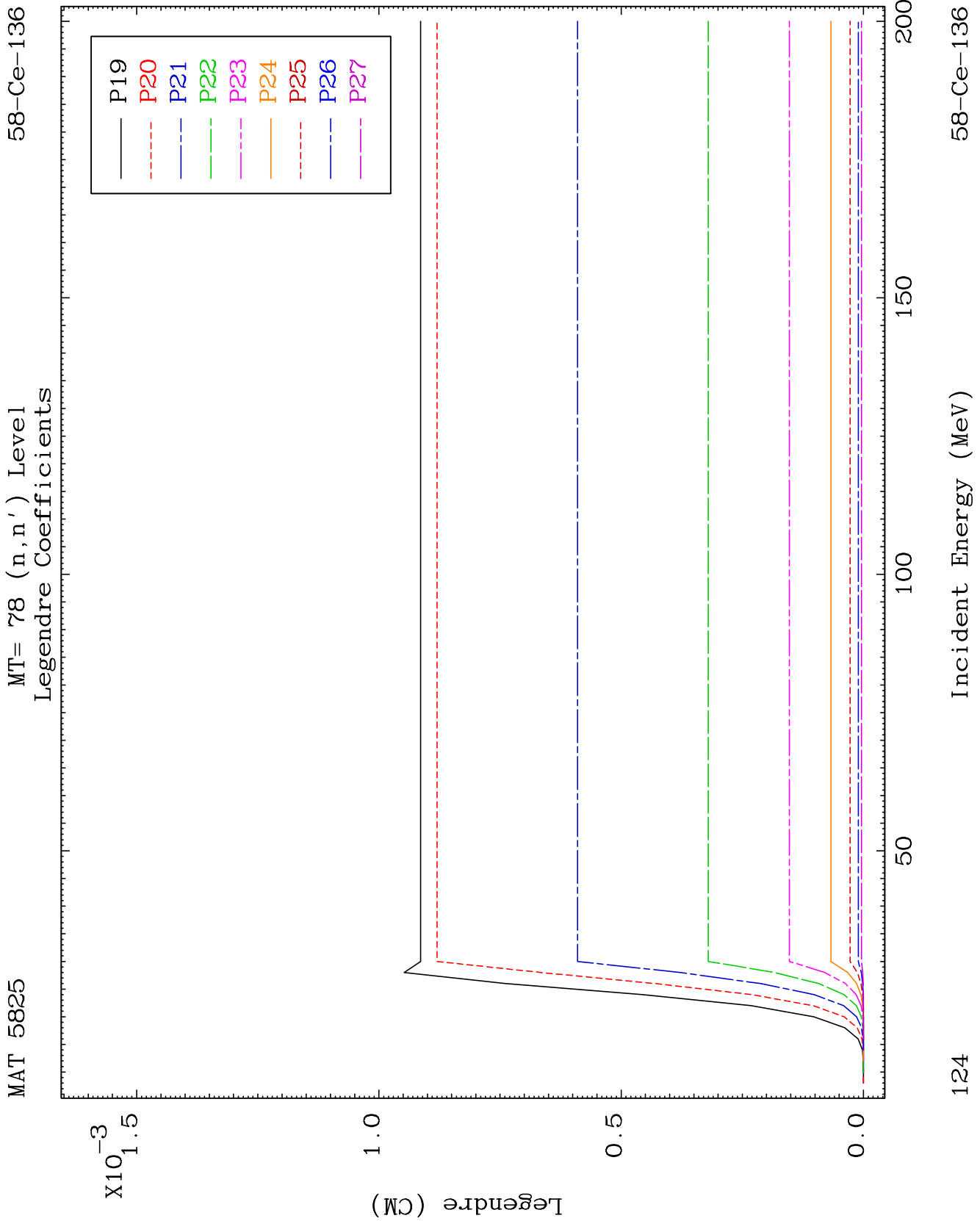
MT= 77 (n, n') Level
Legendre Coefficients

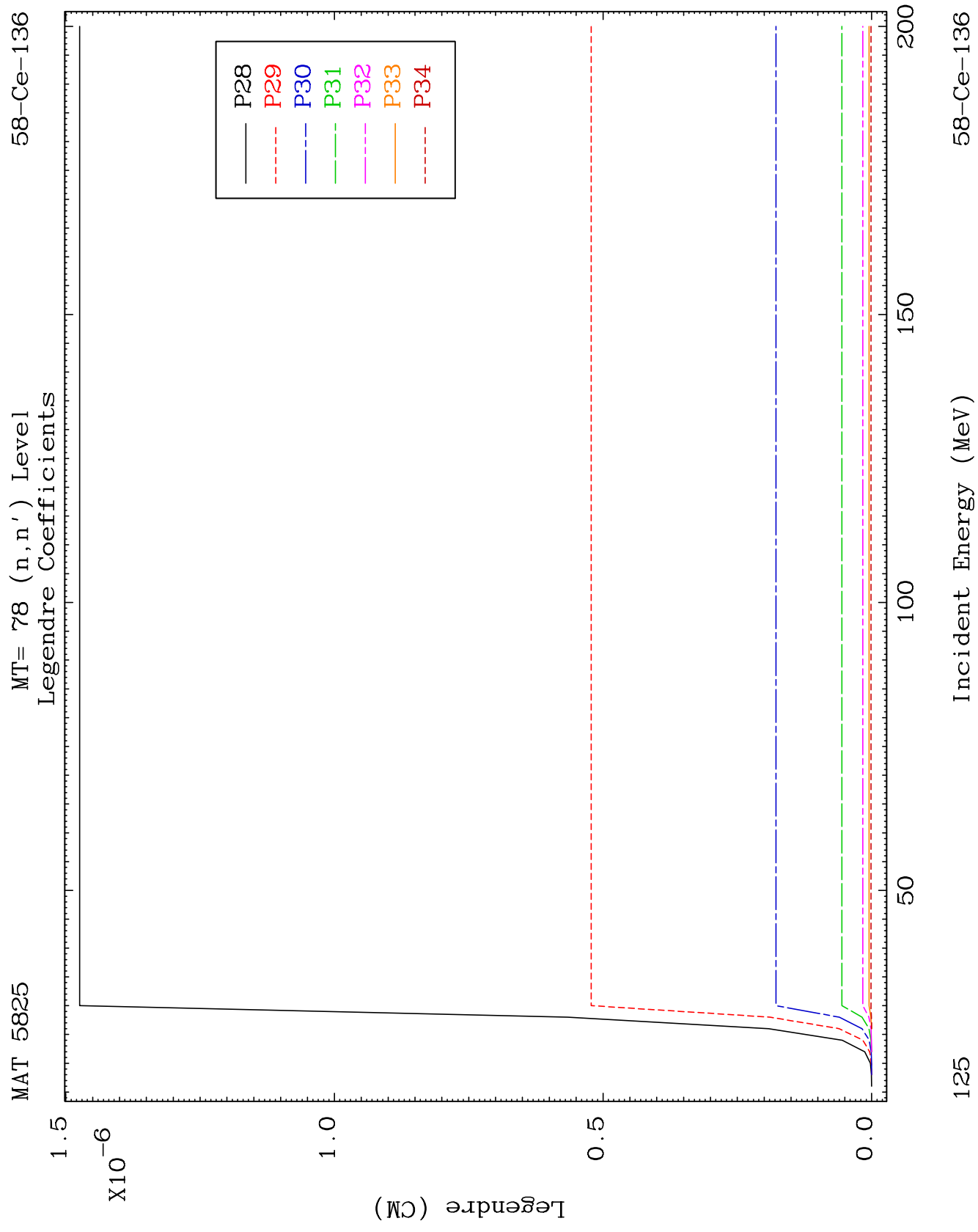
58-Ce-136

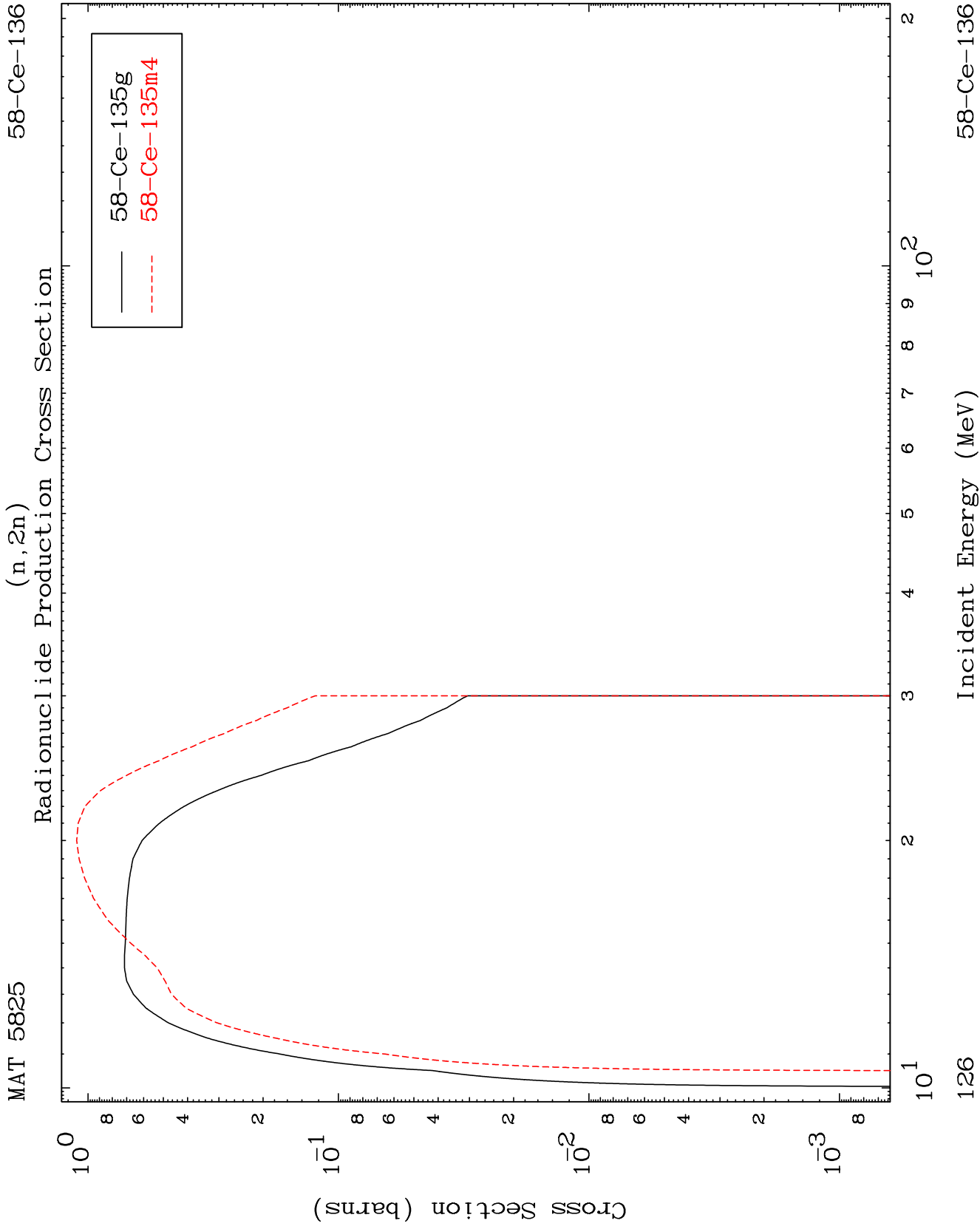


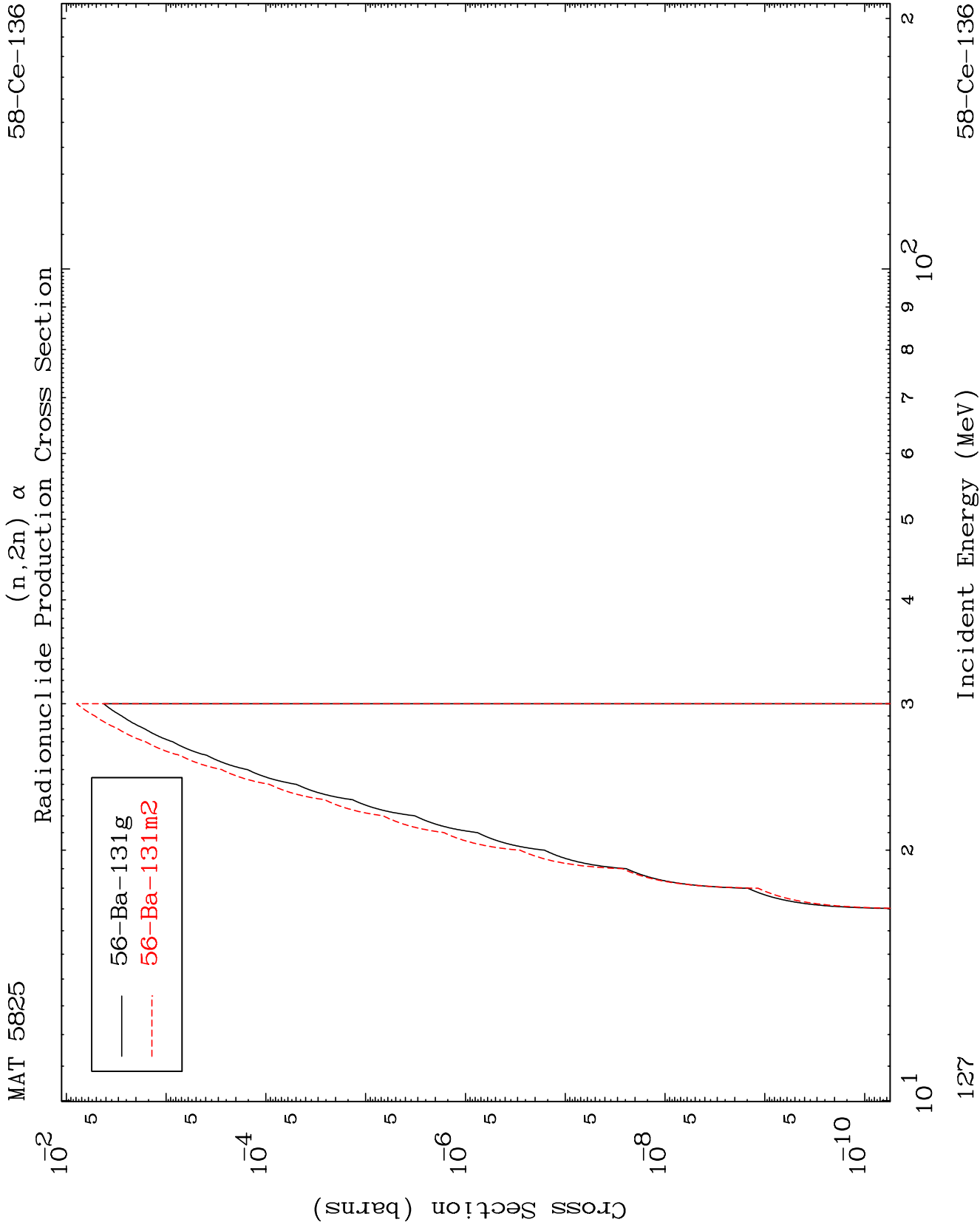




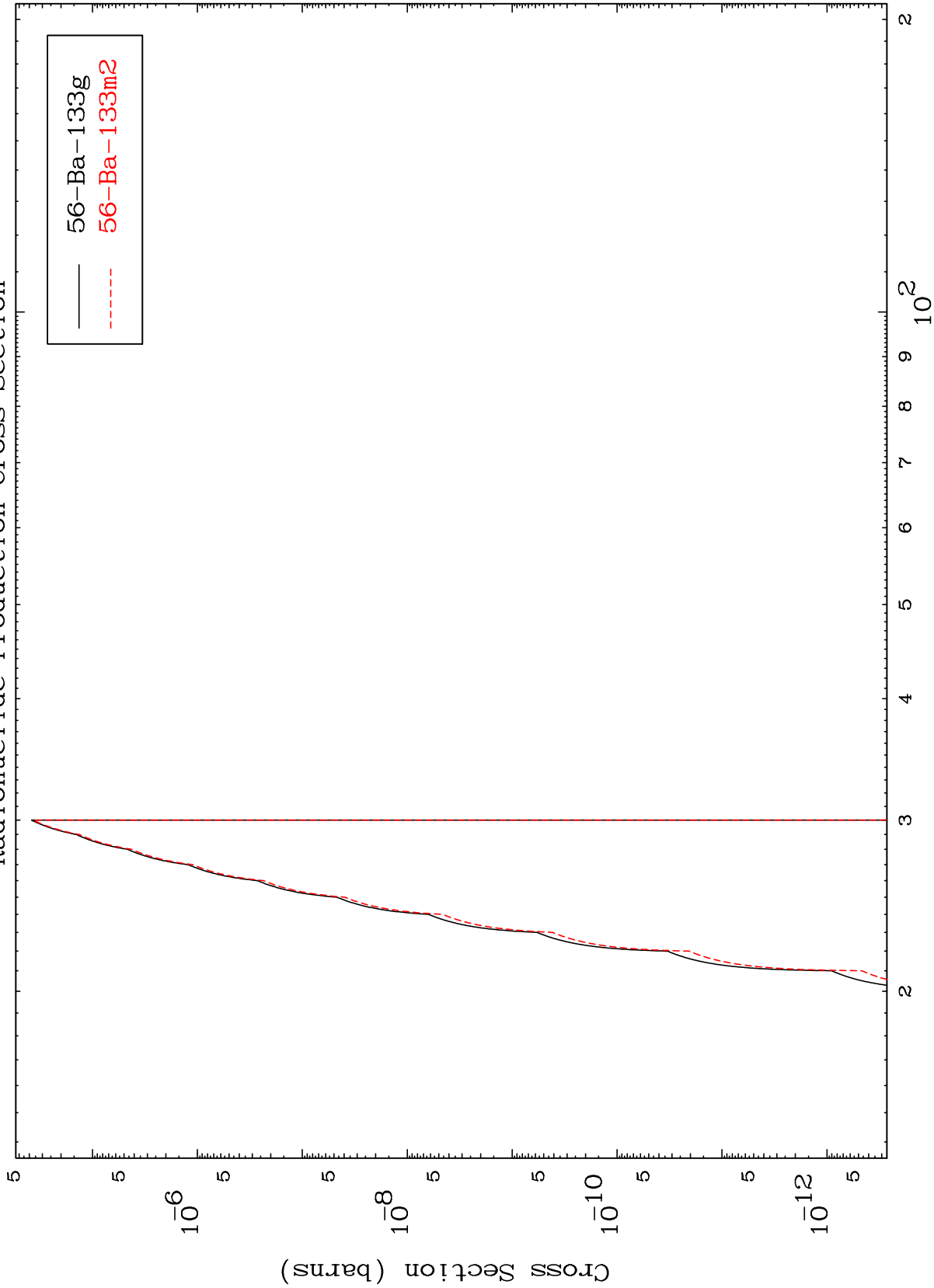


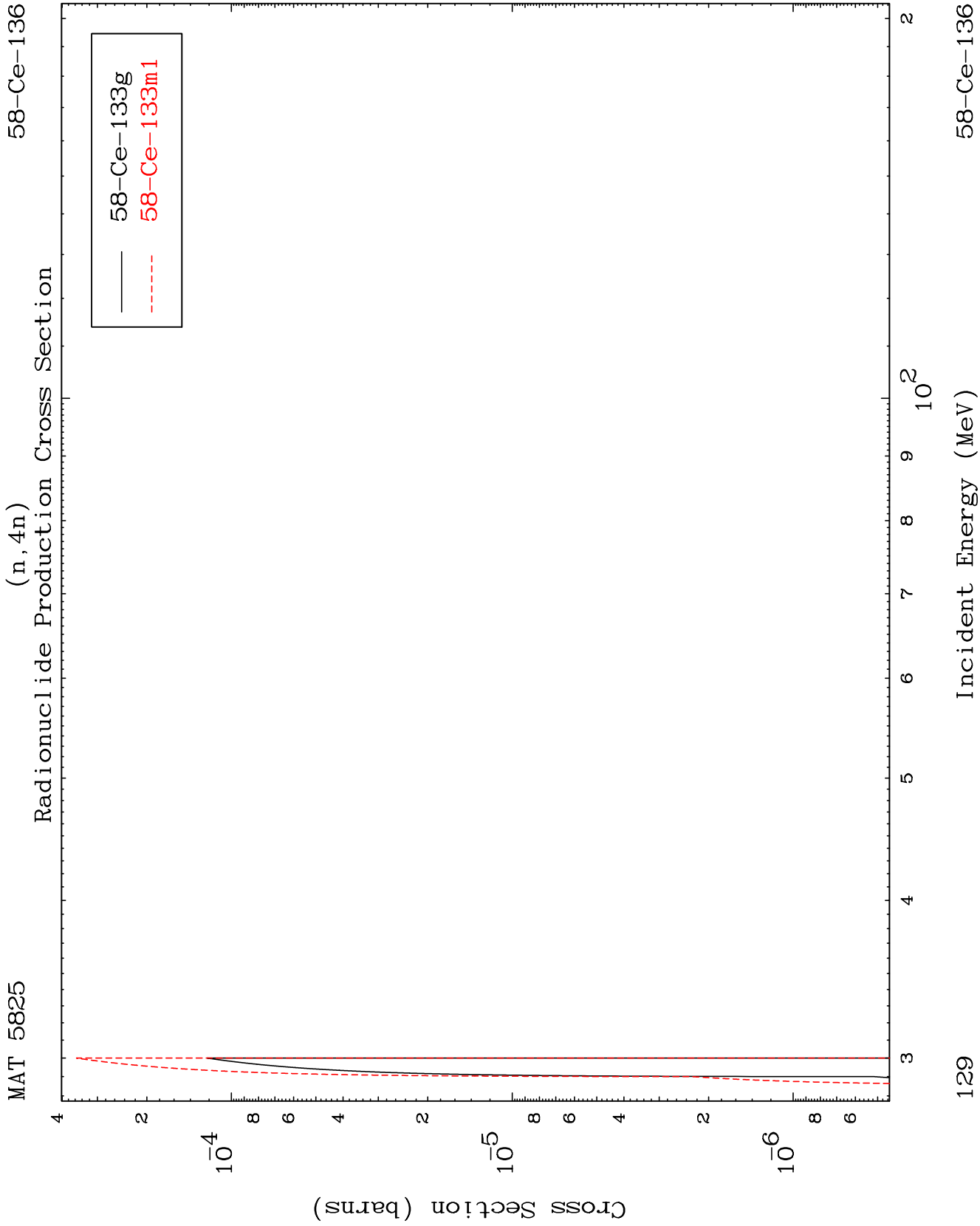






Radionuclide Production Cross Section

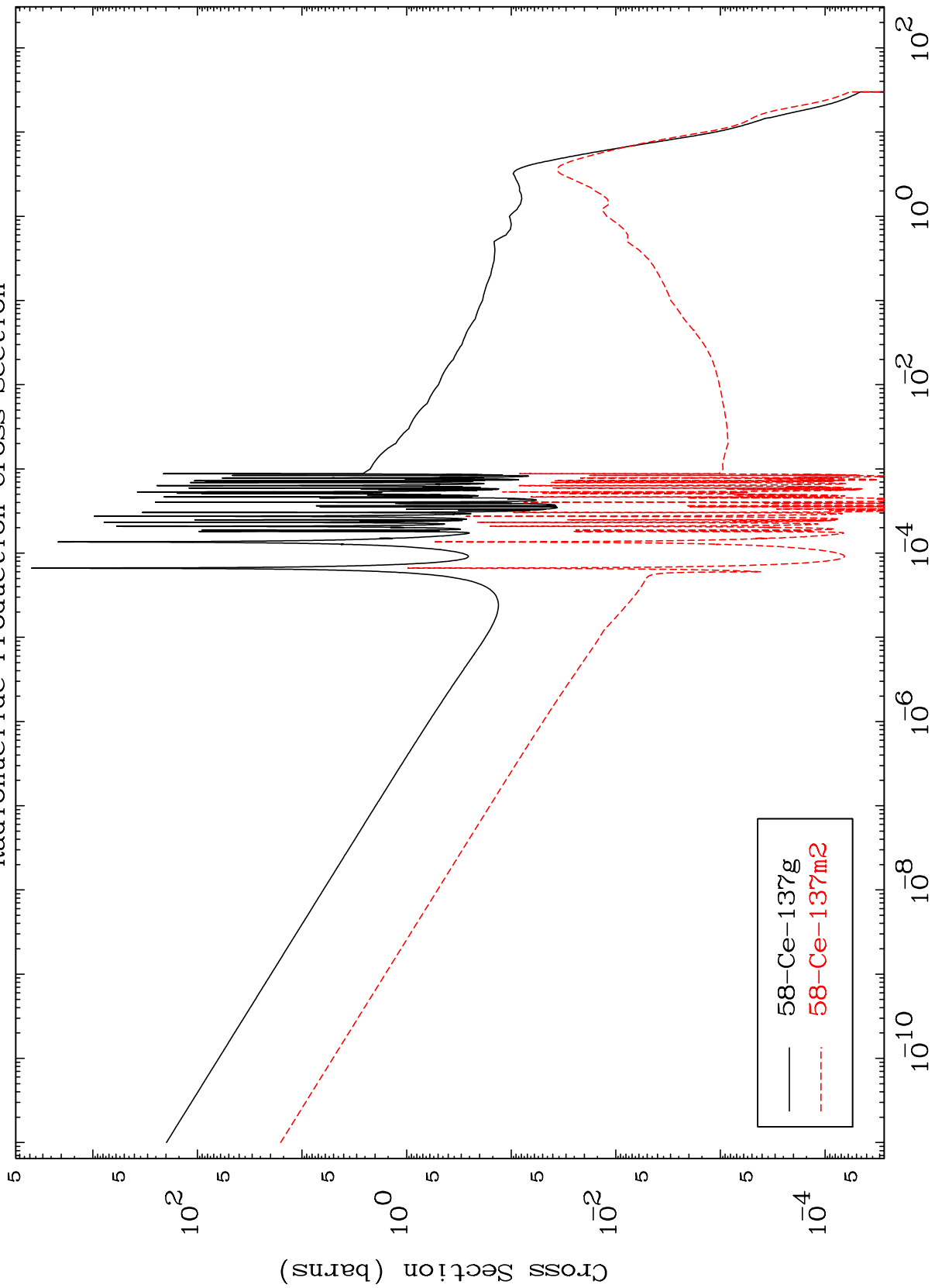




MAT 5825

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Radionuclide Production Cross Section
(n, γ)



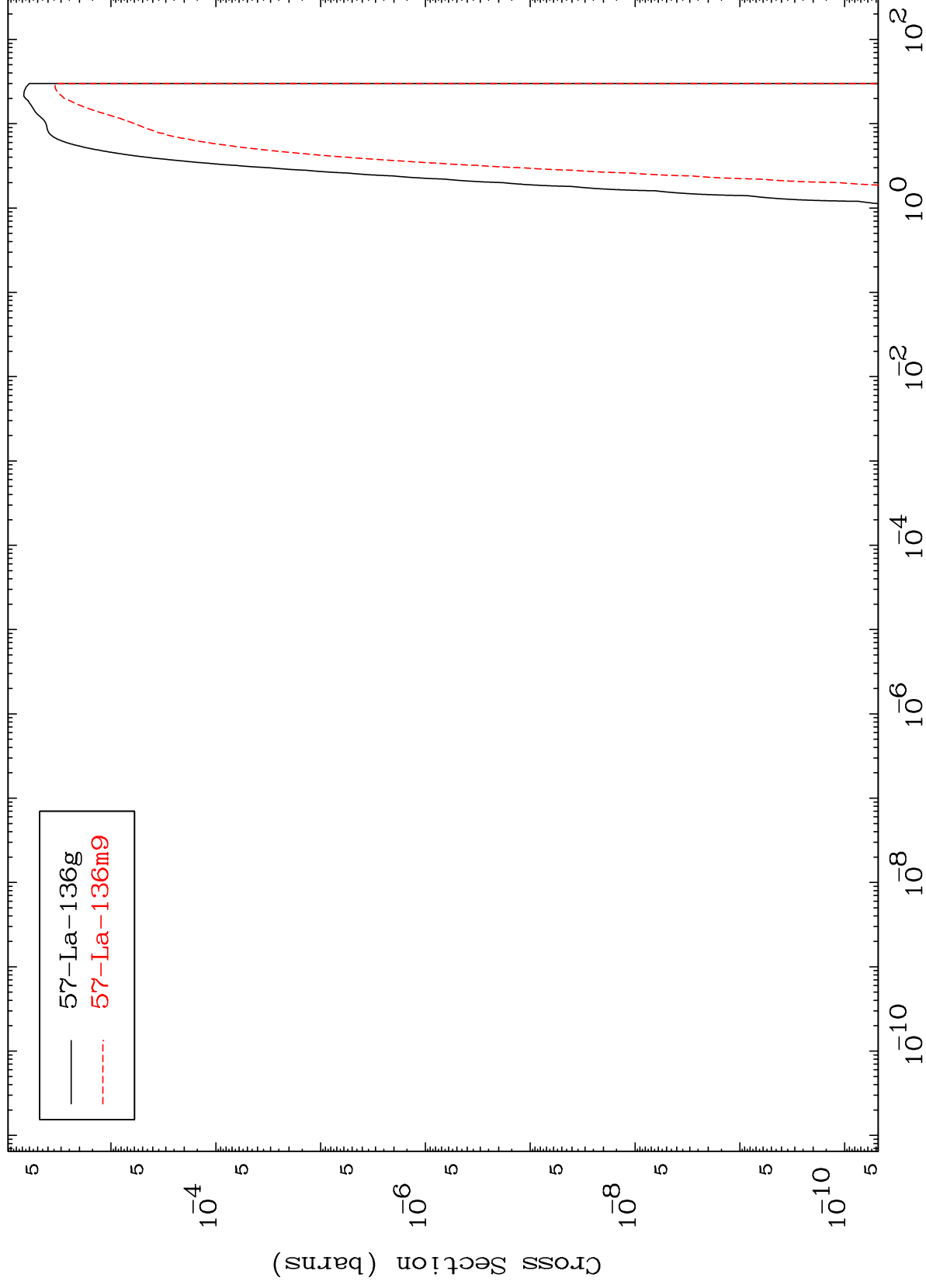
130

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MAT 5825

58-Ce-136

(n,p)
Radionuclide Production Cross Section



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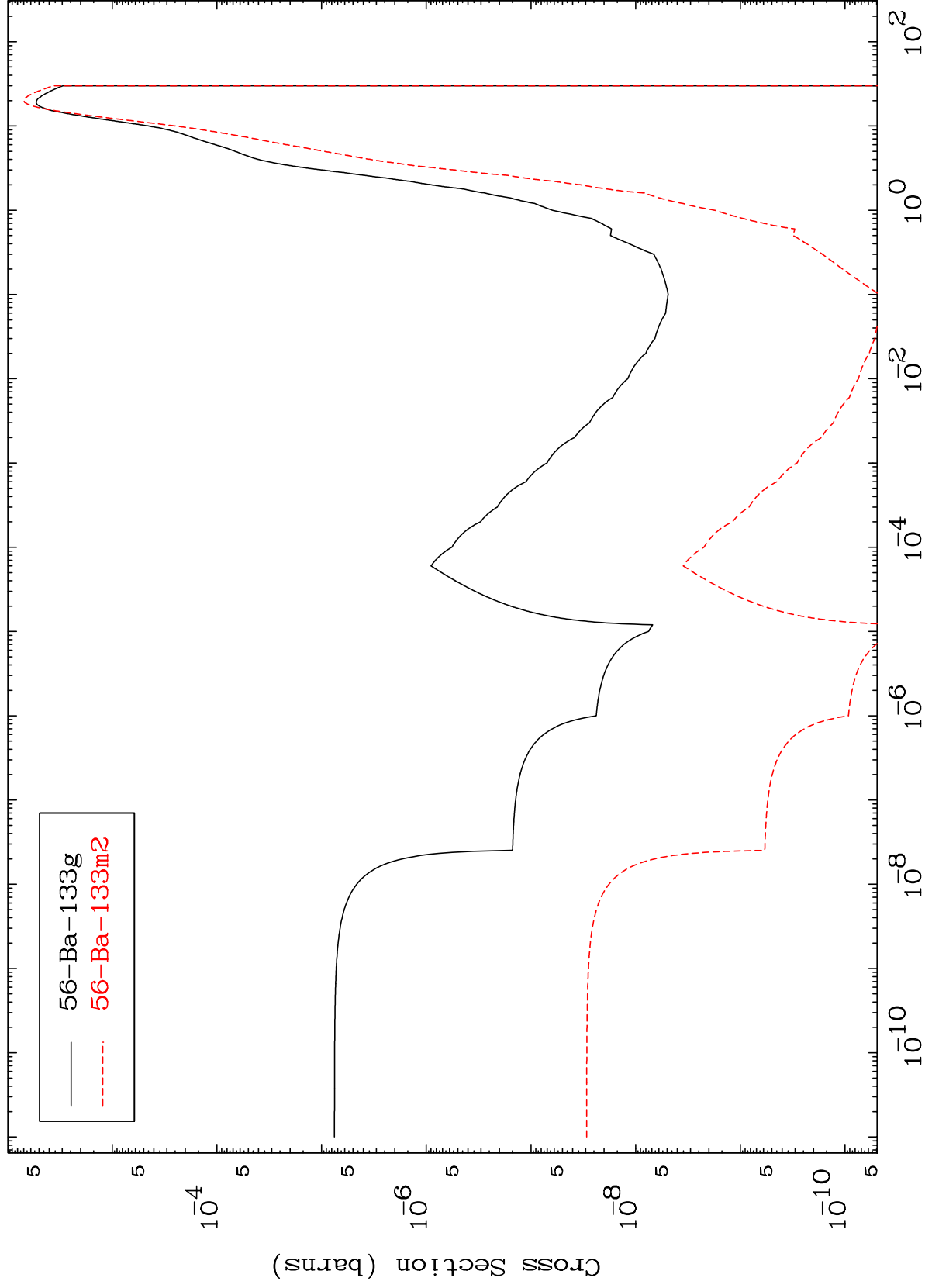
Incident Energy (MeV)

58-Ce-136

MAT 5825

58-Ce-136

Radionuclide Production Cross Section
(n, α)



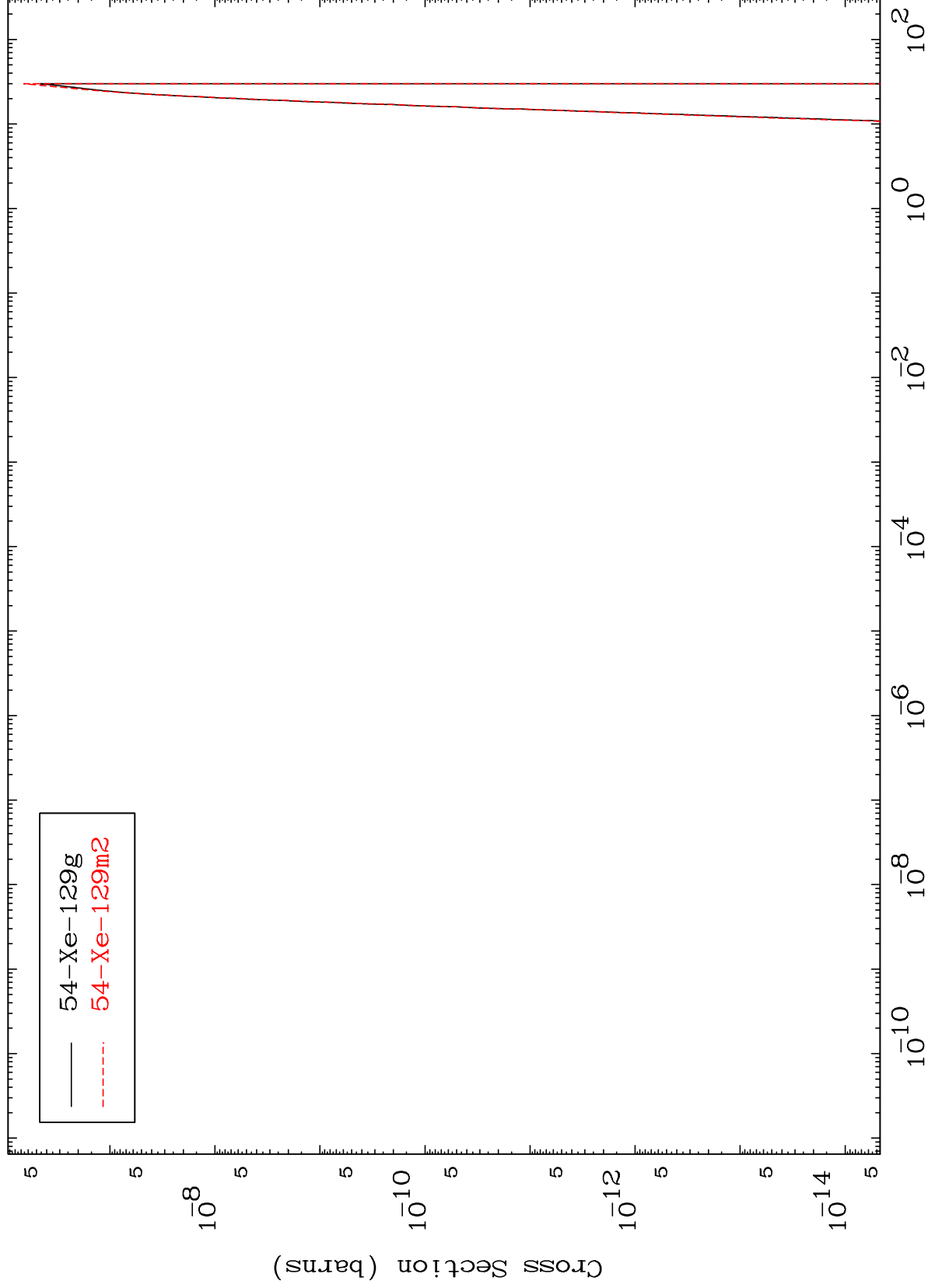
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58-Ce-136

MAT 5825

58-Ce-136

(n,2α)
Radionuclide Production Cross Section



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58-Ce-136

Incident Energy (MeV)

