

Program EVALPLOT
(Version 2021-1)

by

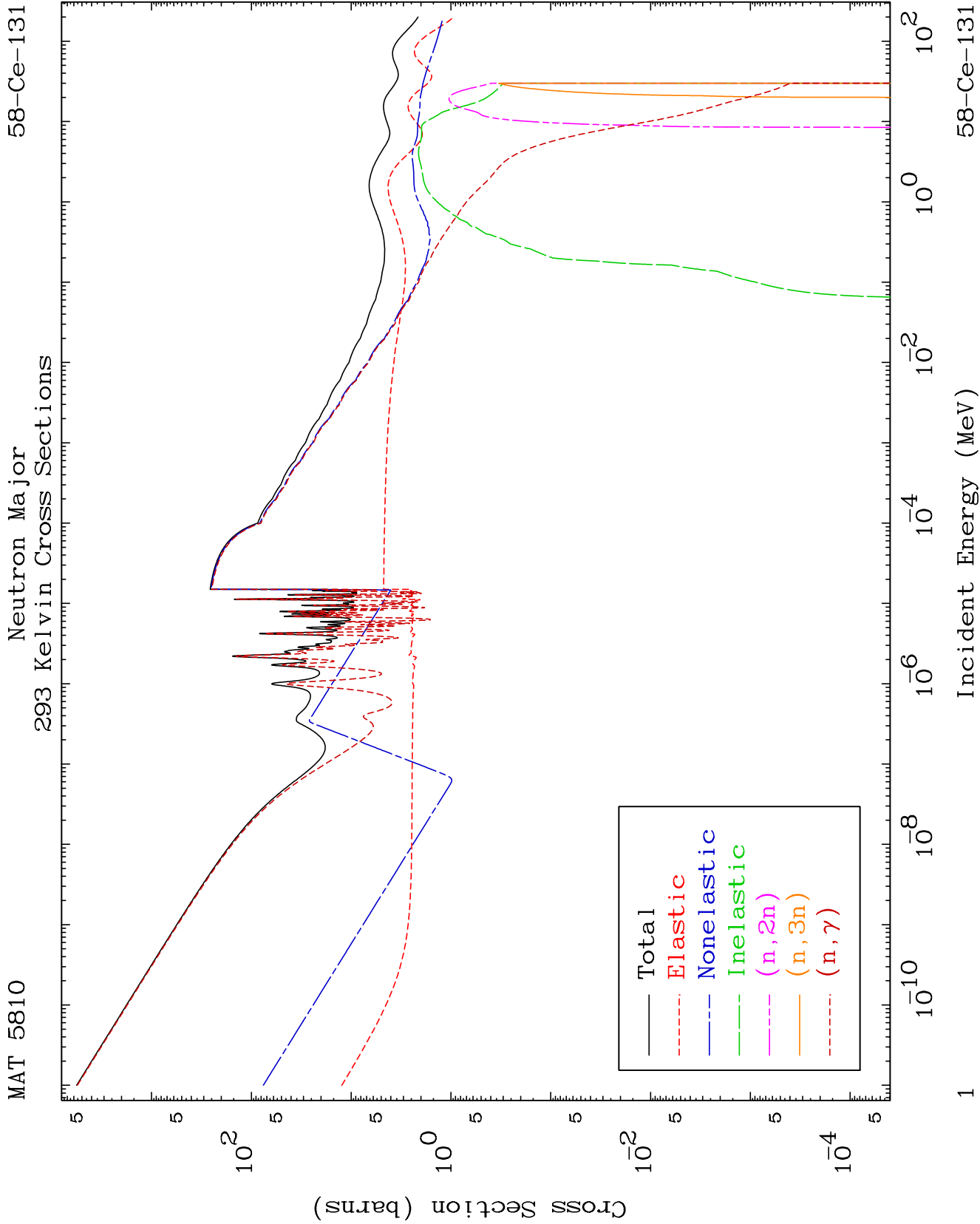
Dermott E. Cullen
(Present Contact Information)

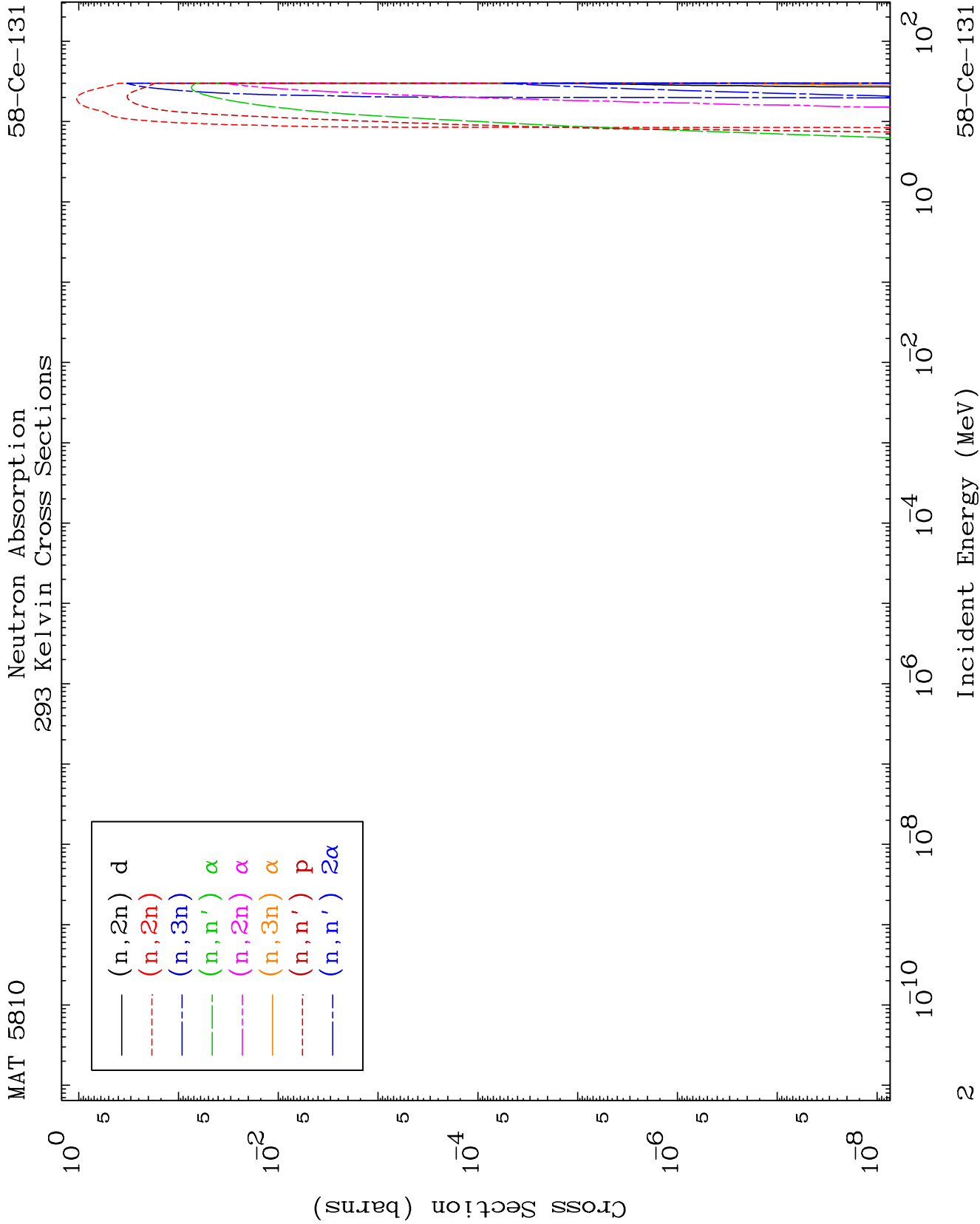
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

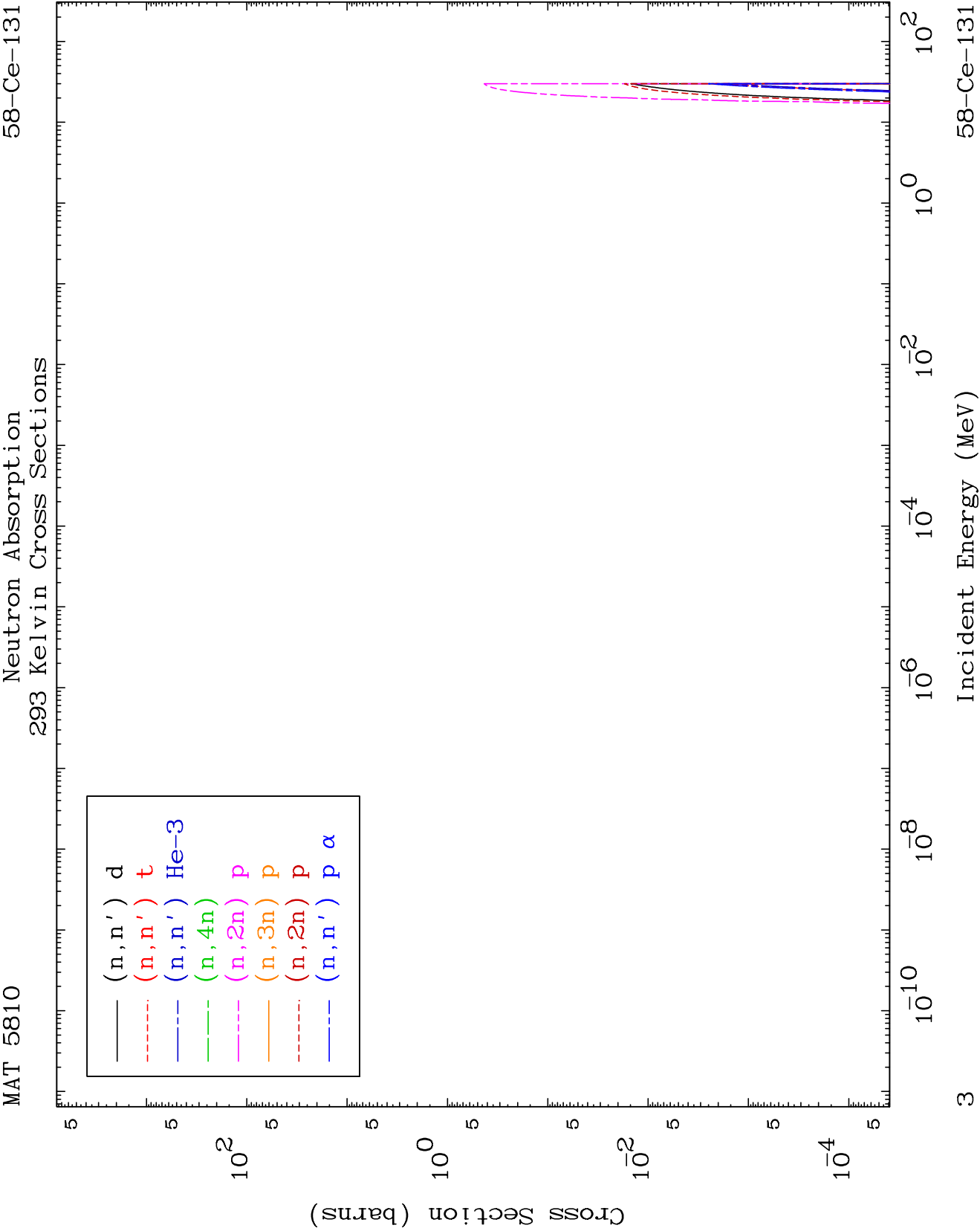
Tele: 925-443-1911

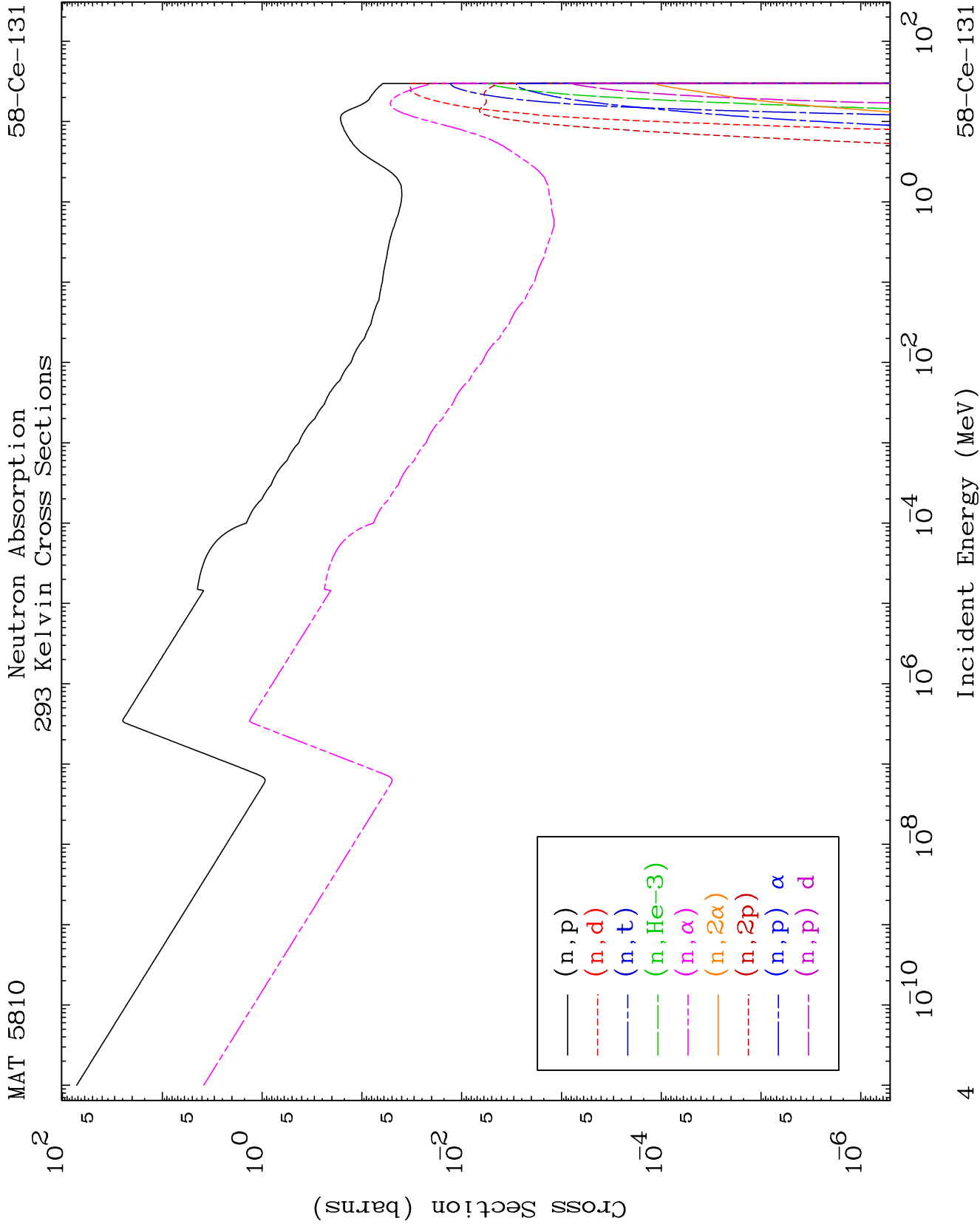
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

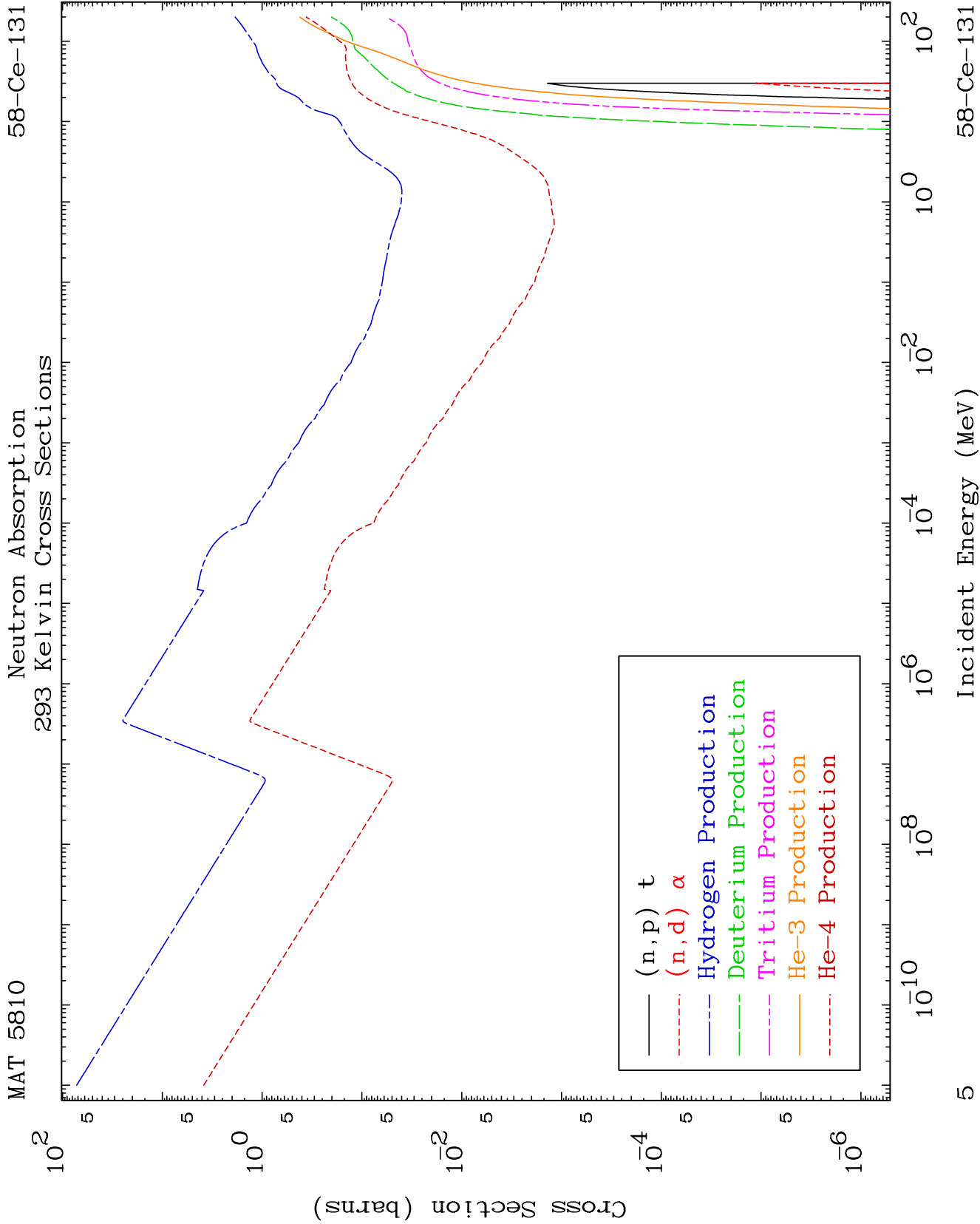
Press Mouse Button to Start

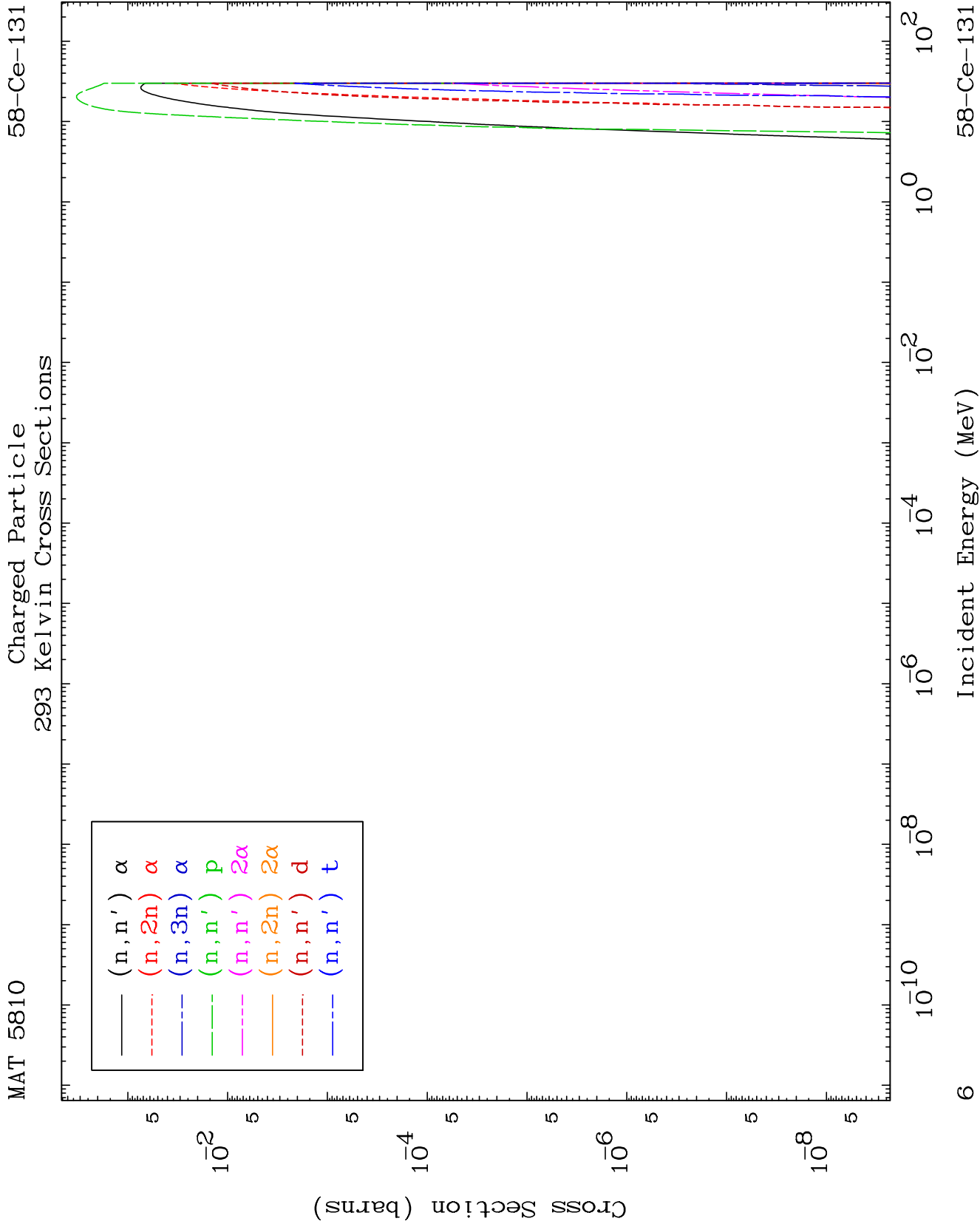


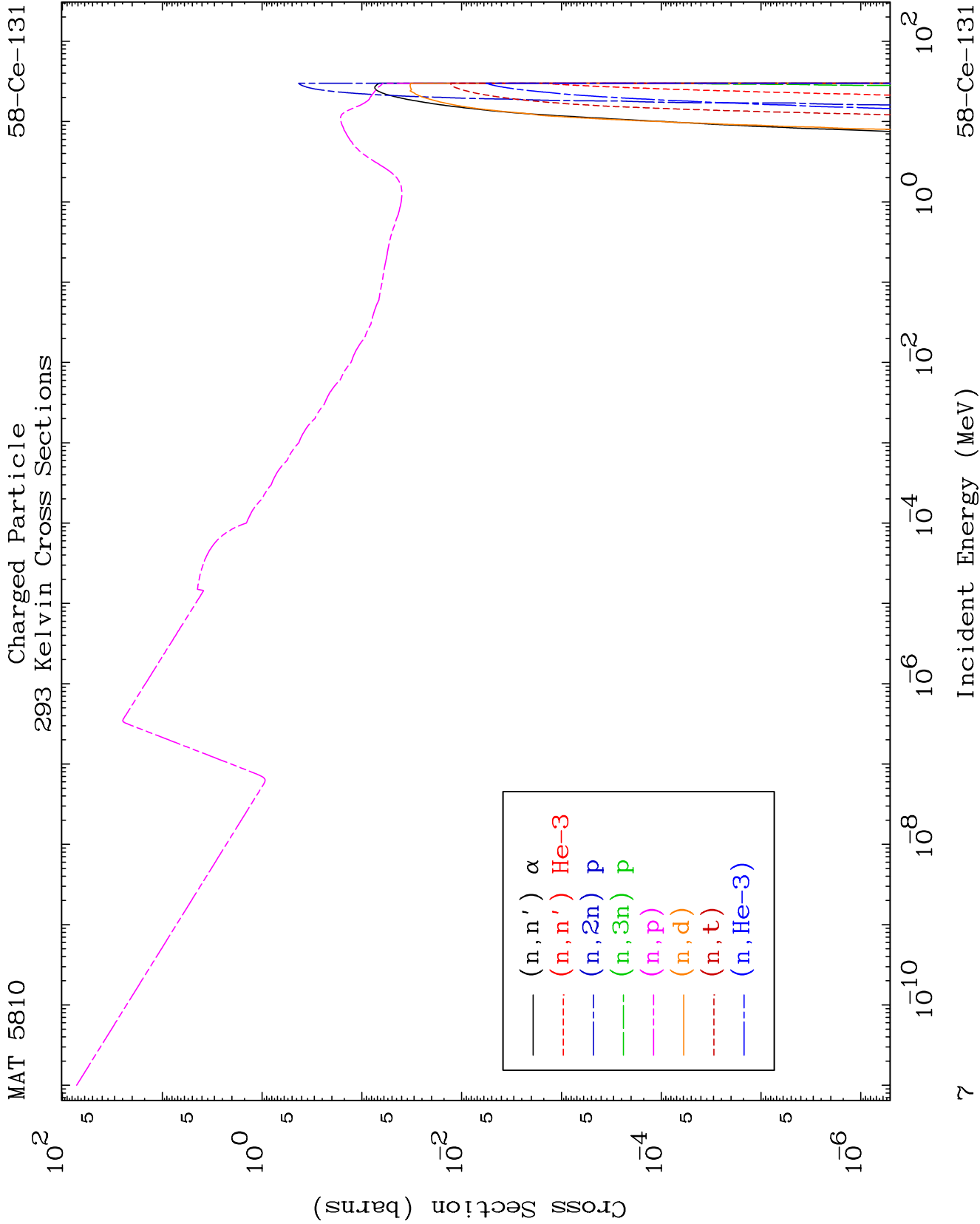


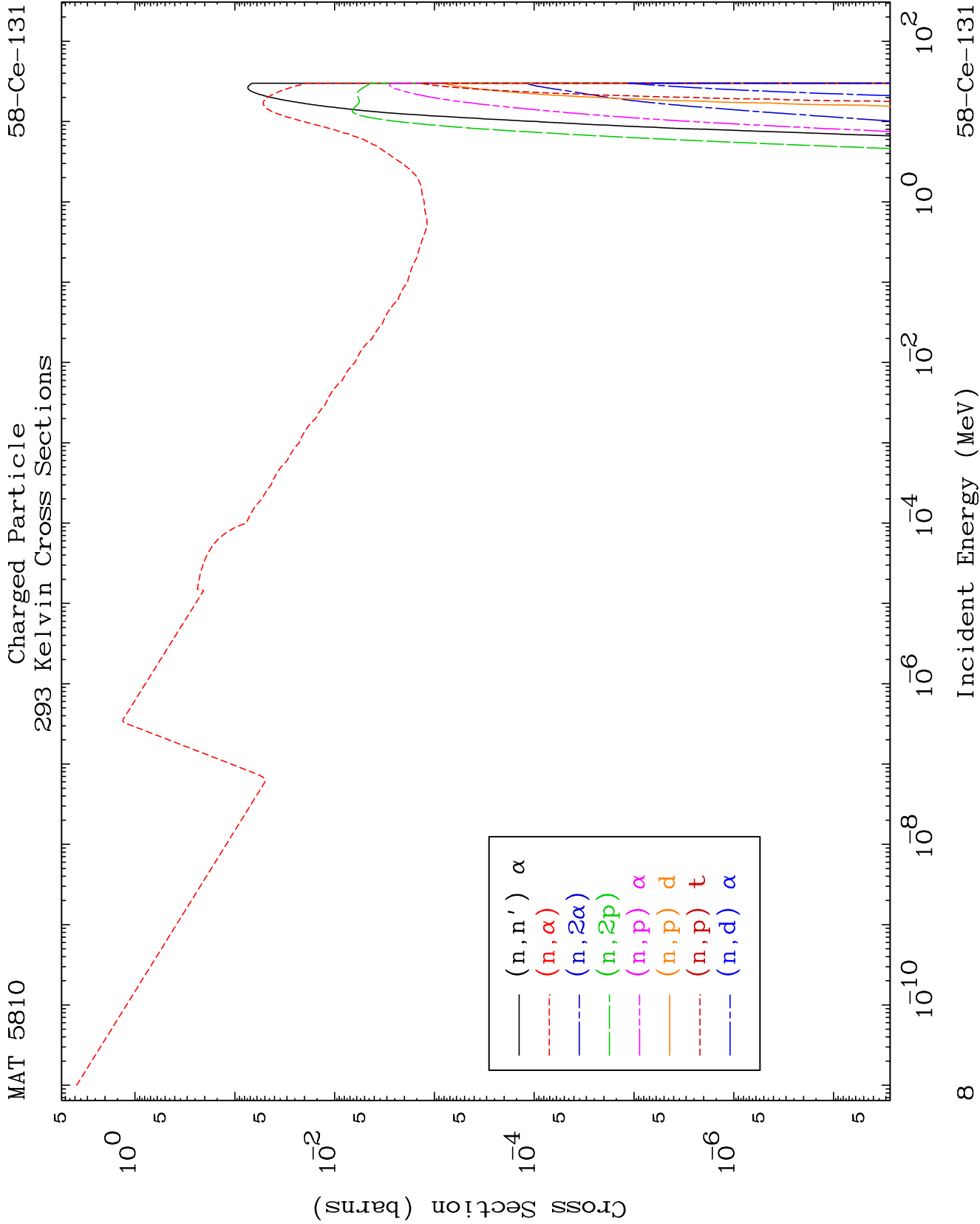


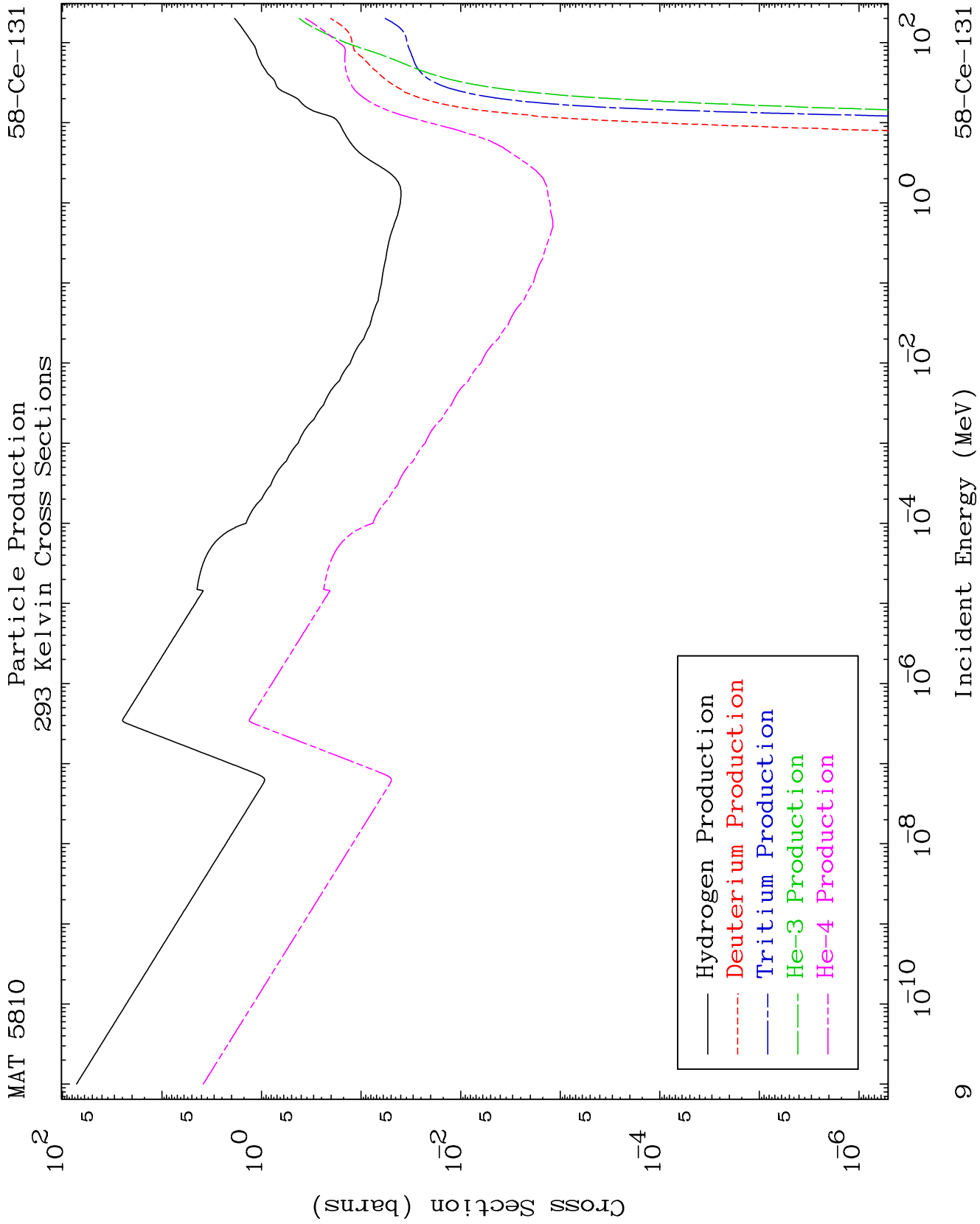








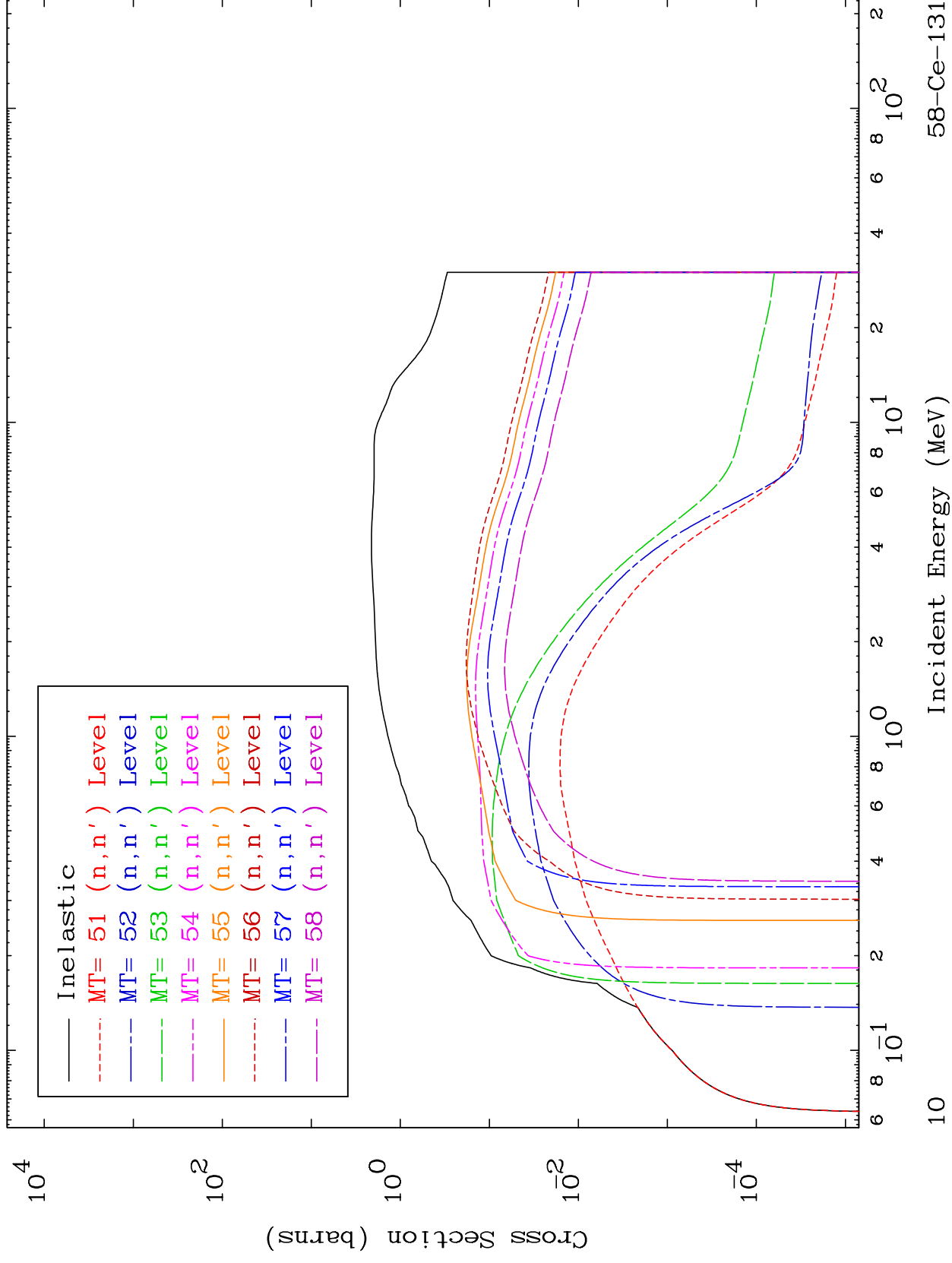


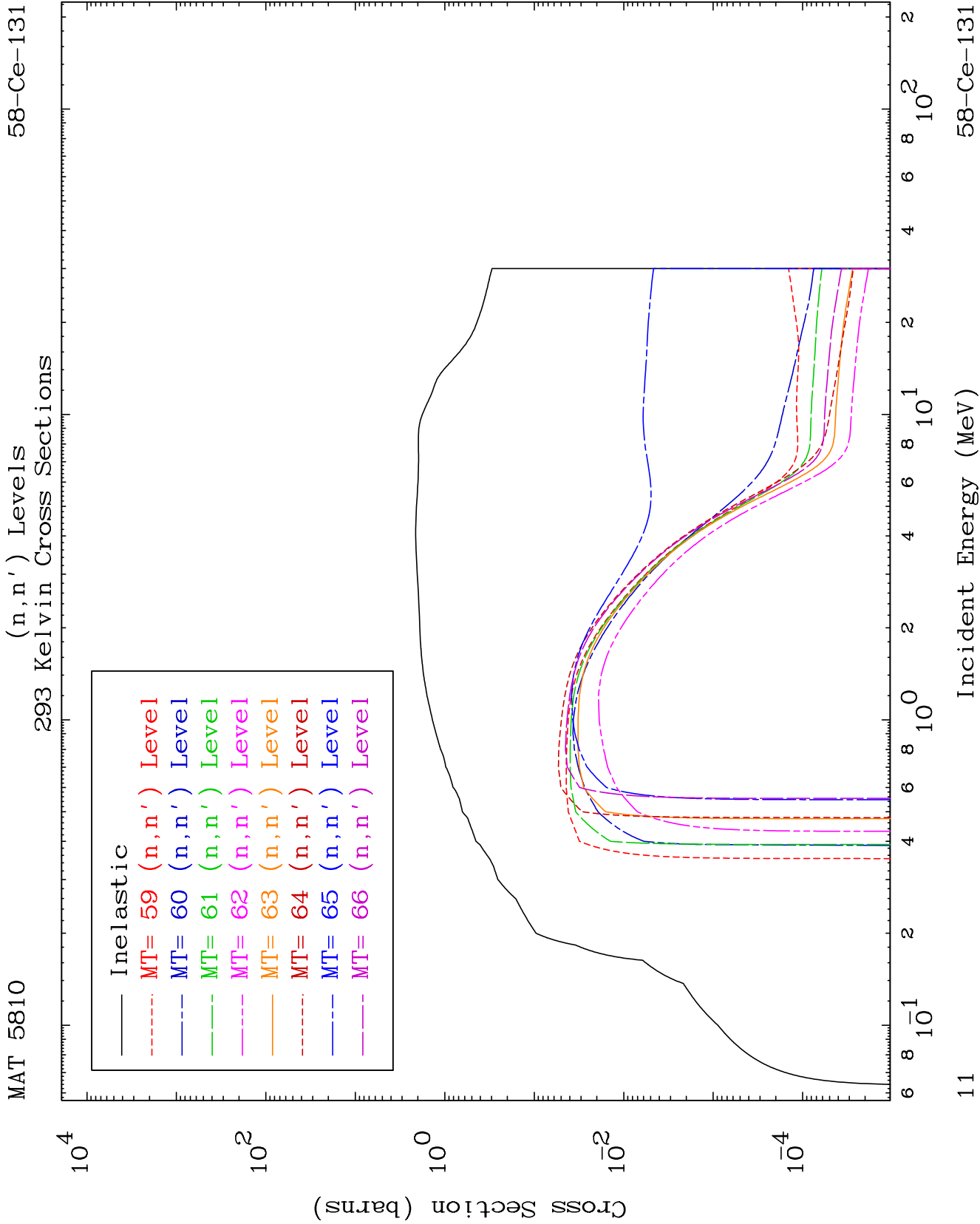


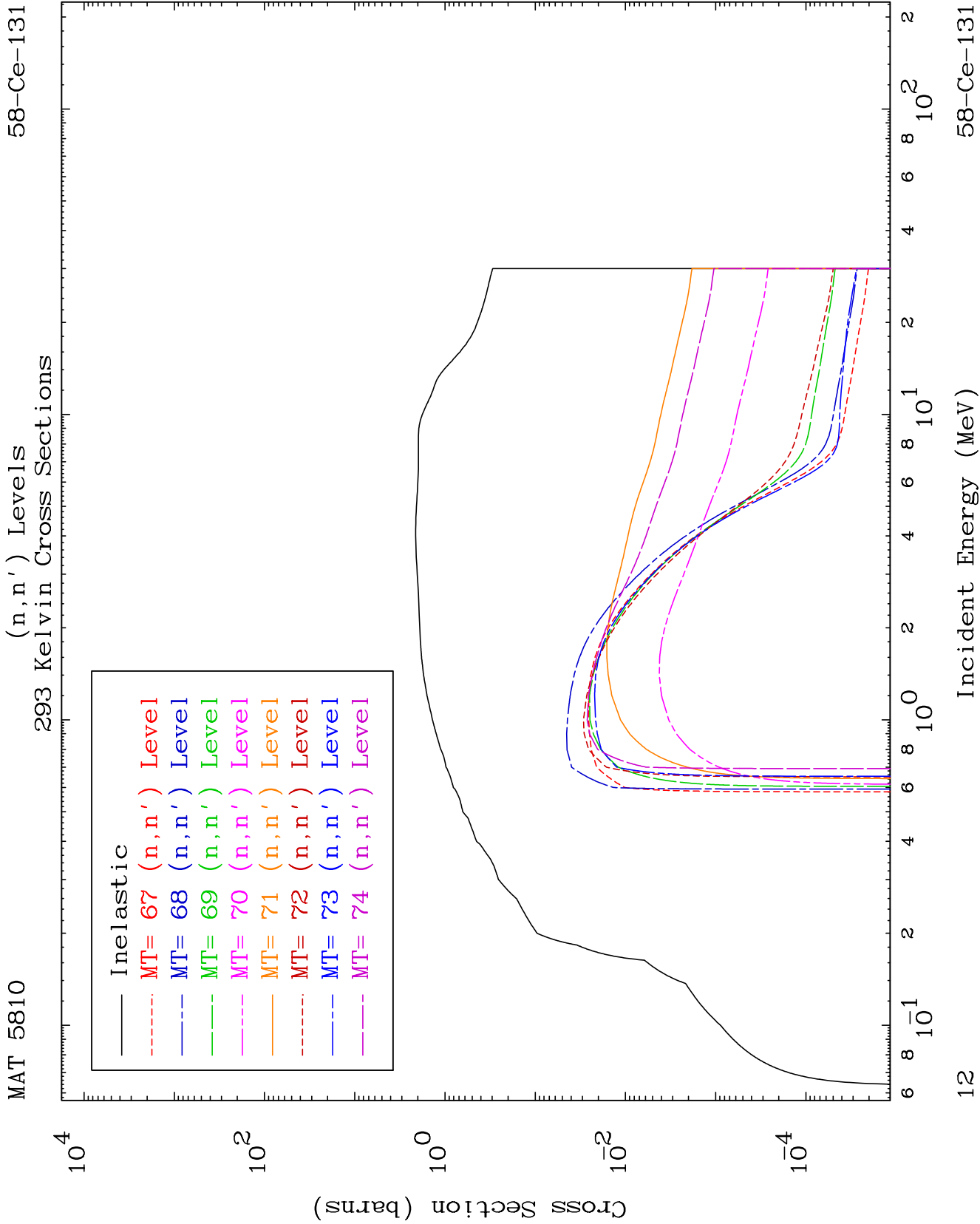
MAT 5810

58-Ce-131

(n, n') Levels
293 Kelvin Cross Sections



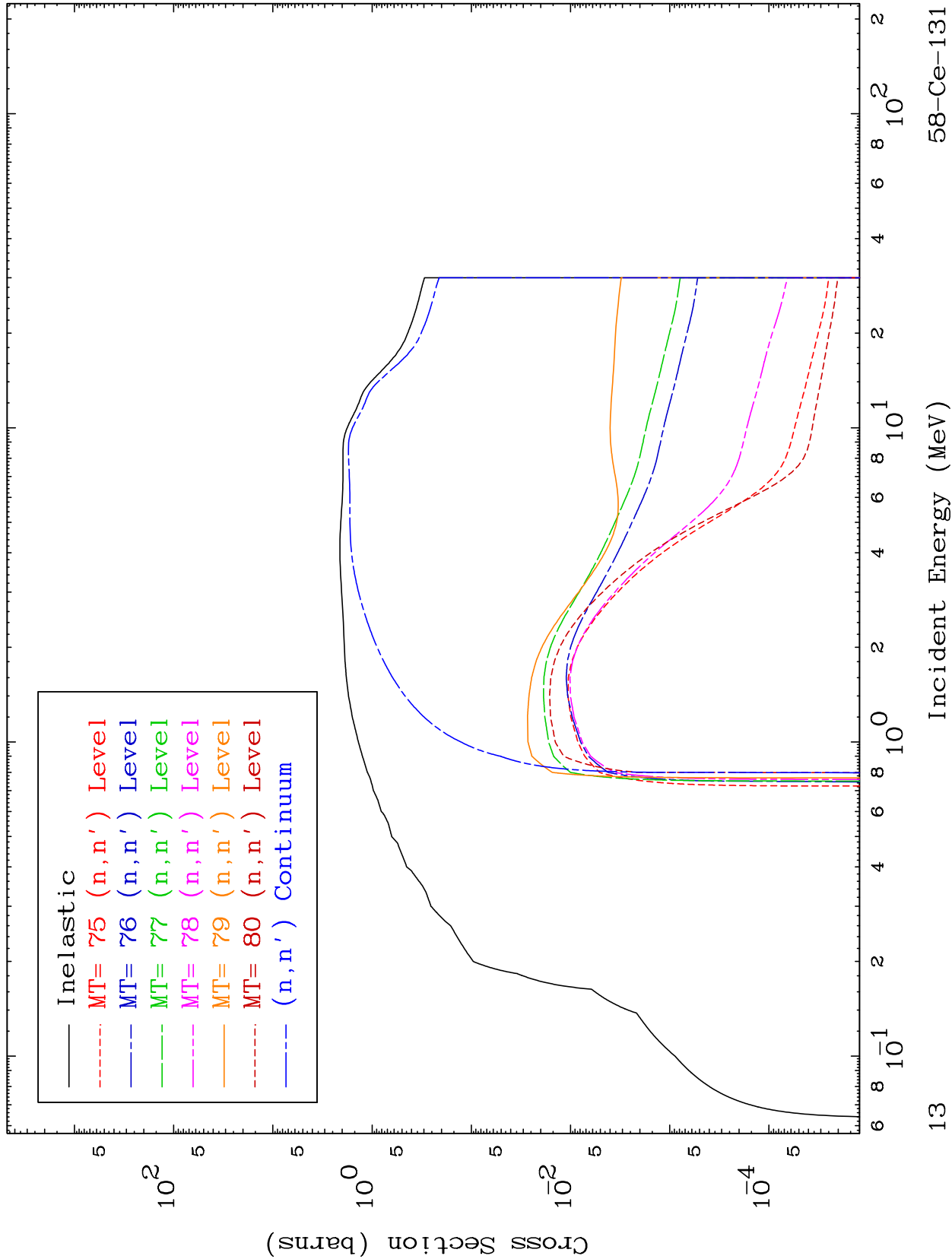


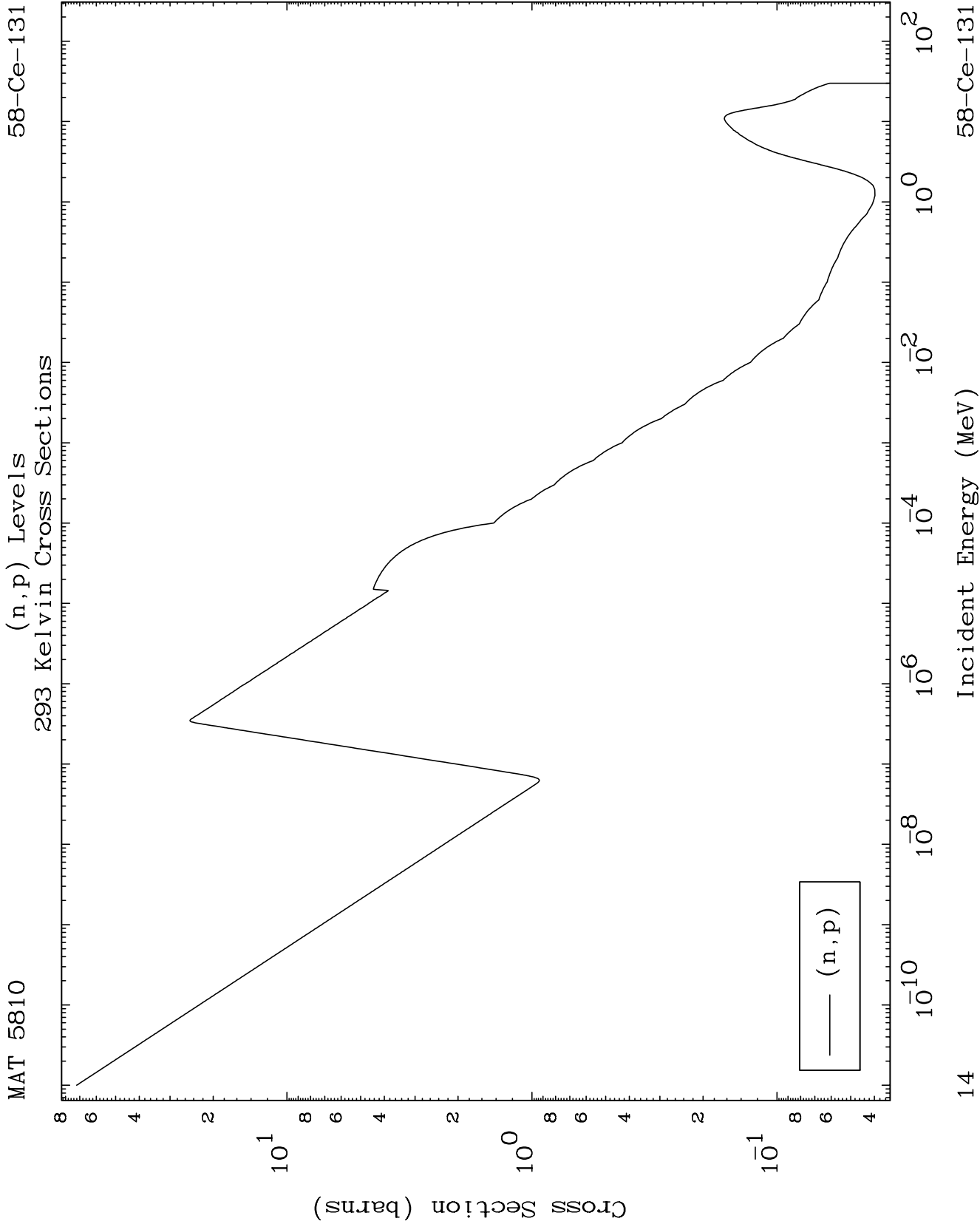


MAT 5810

(n,n') Levels
293 Kelvin Cross Sections

58-Ce-131

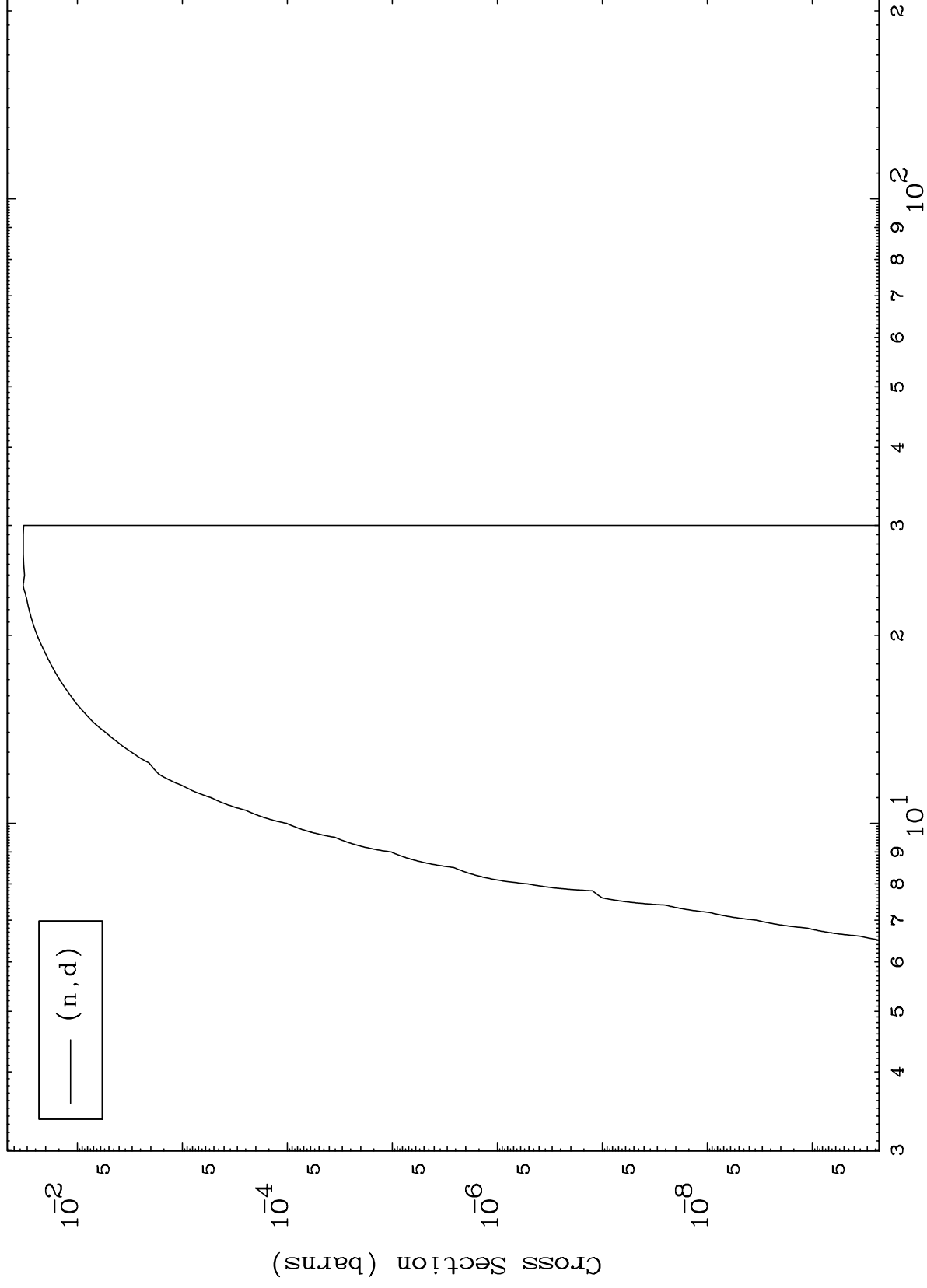




MAT 5810

(n,d) Levels
293 Kelvin Cross Sections

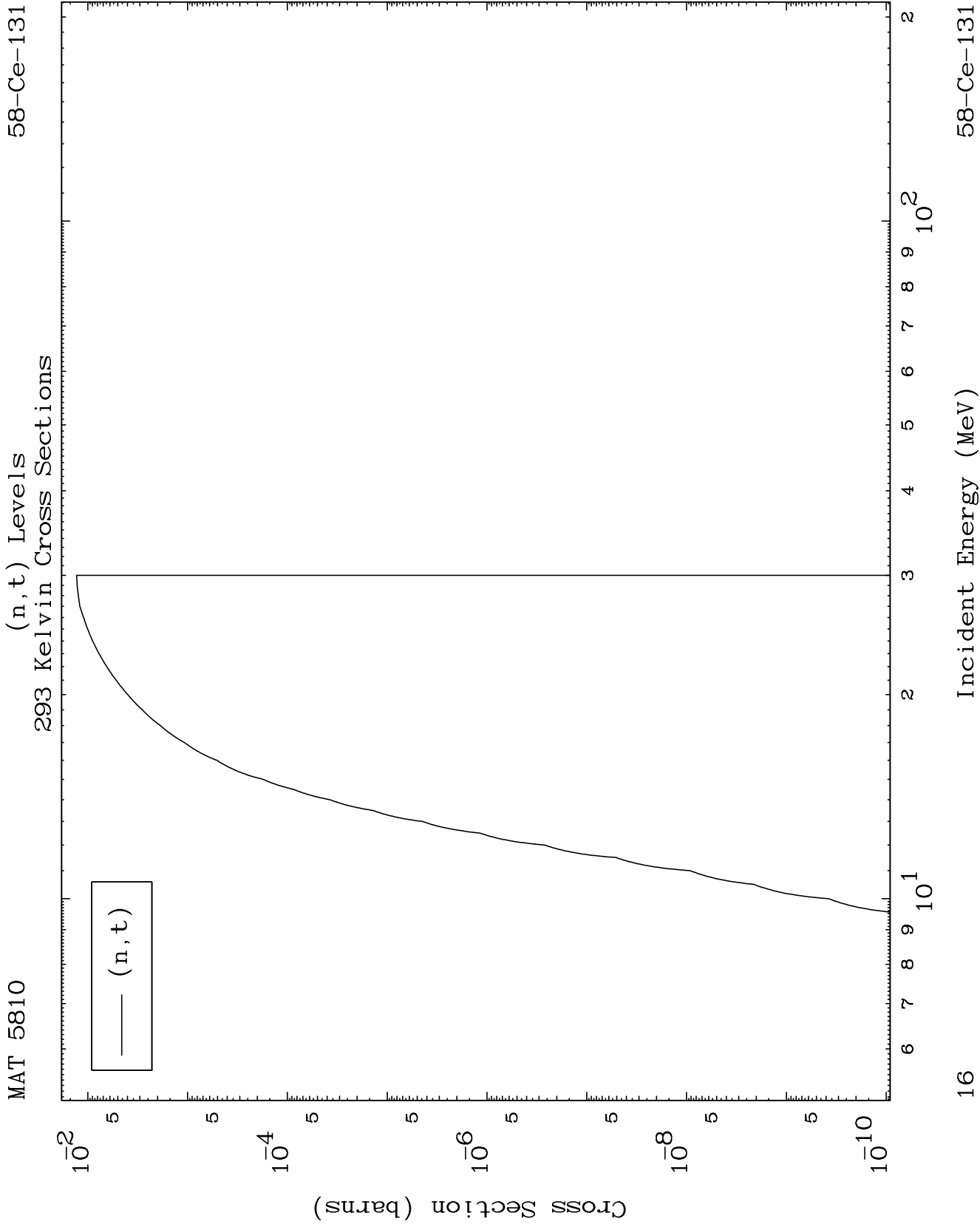
58-Ce-131

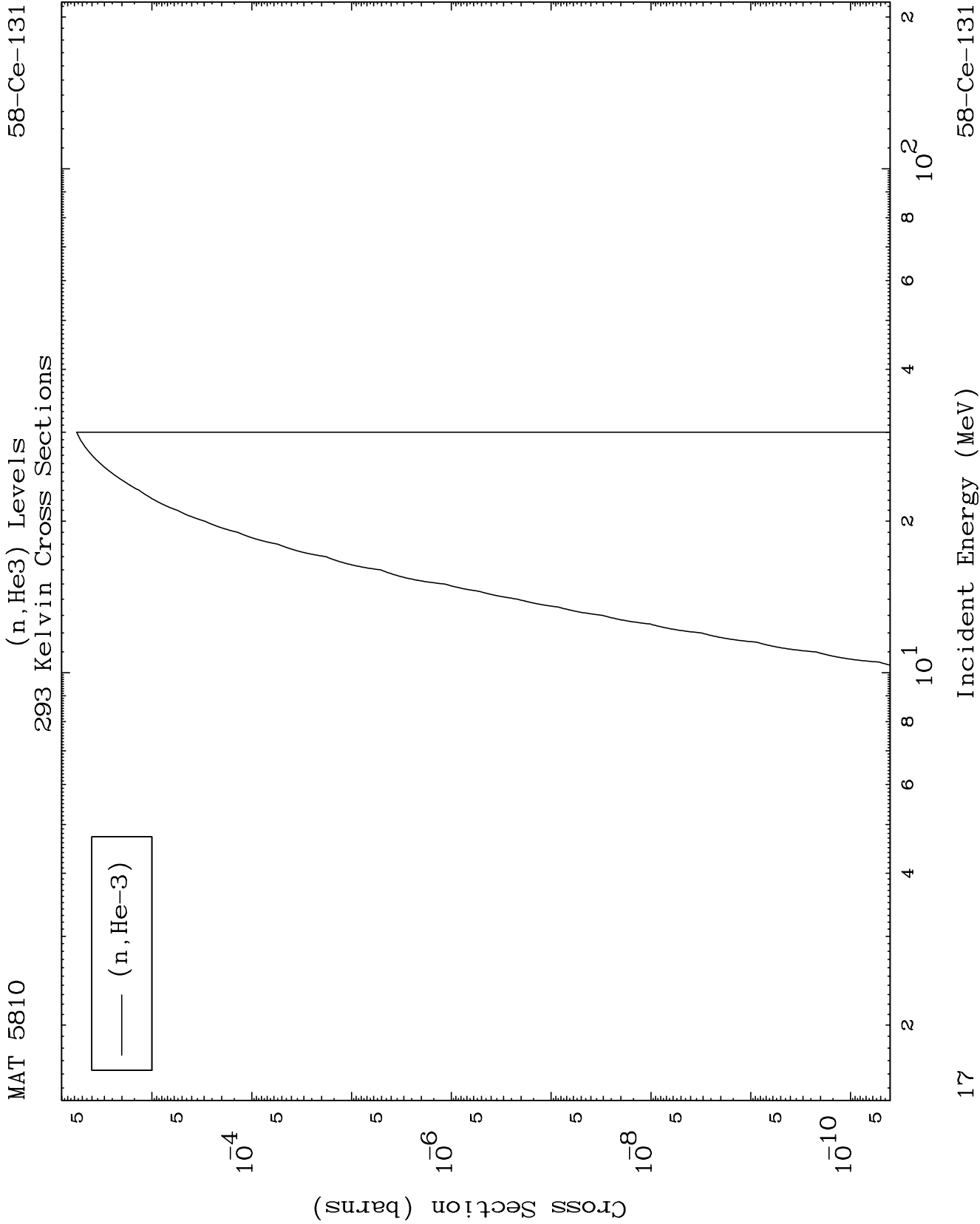


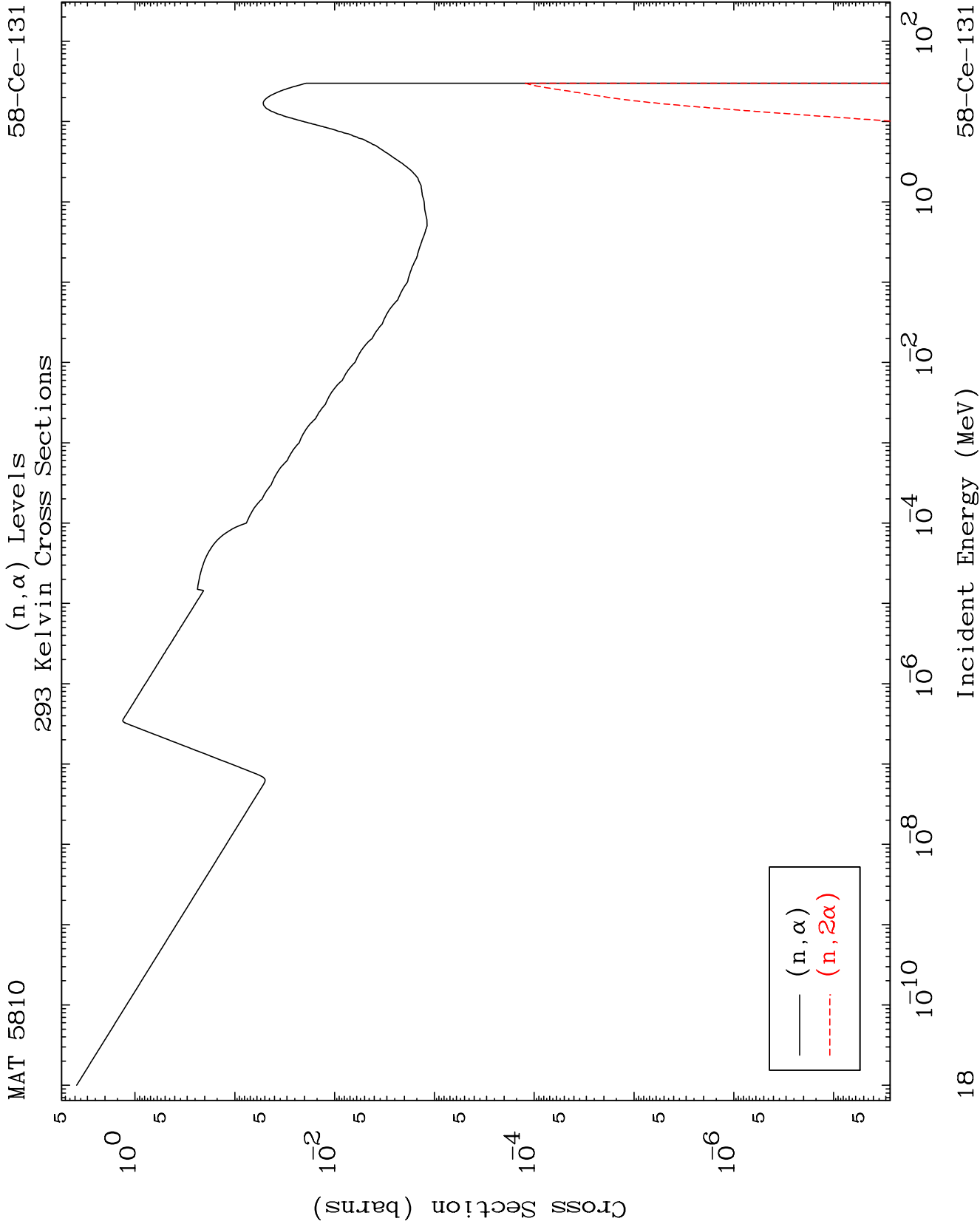
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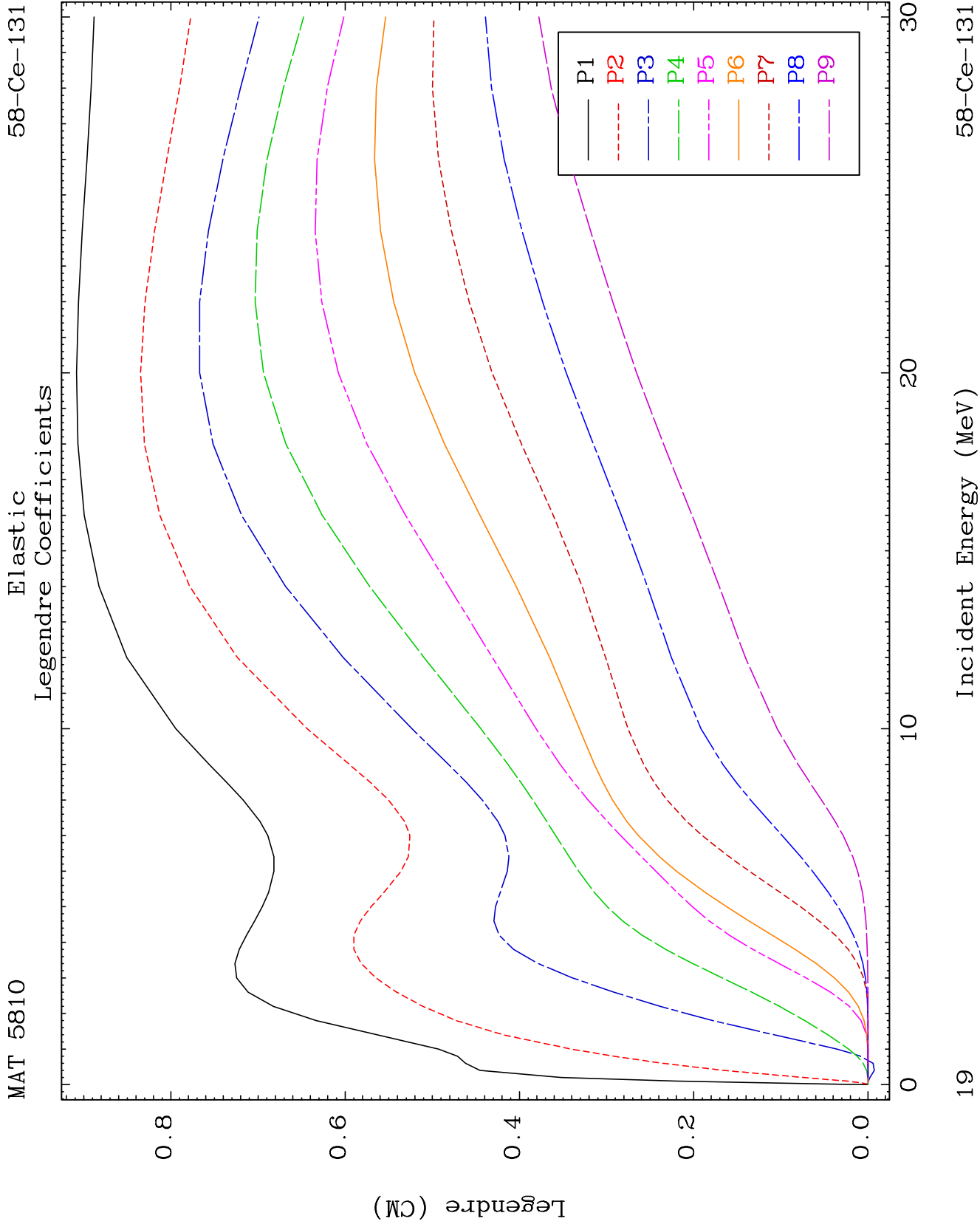
Incident Energy (MeV)

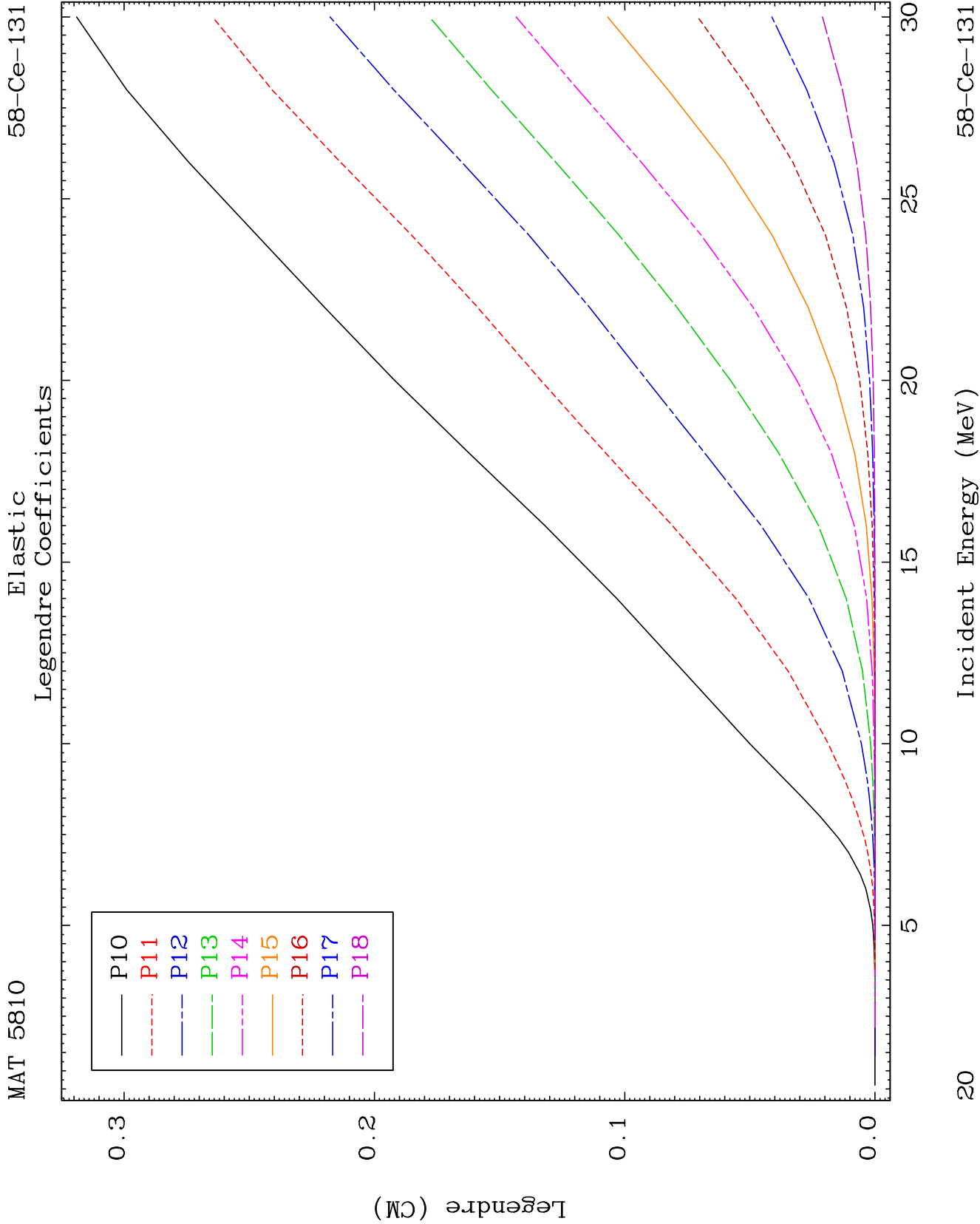
58-Ce-131

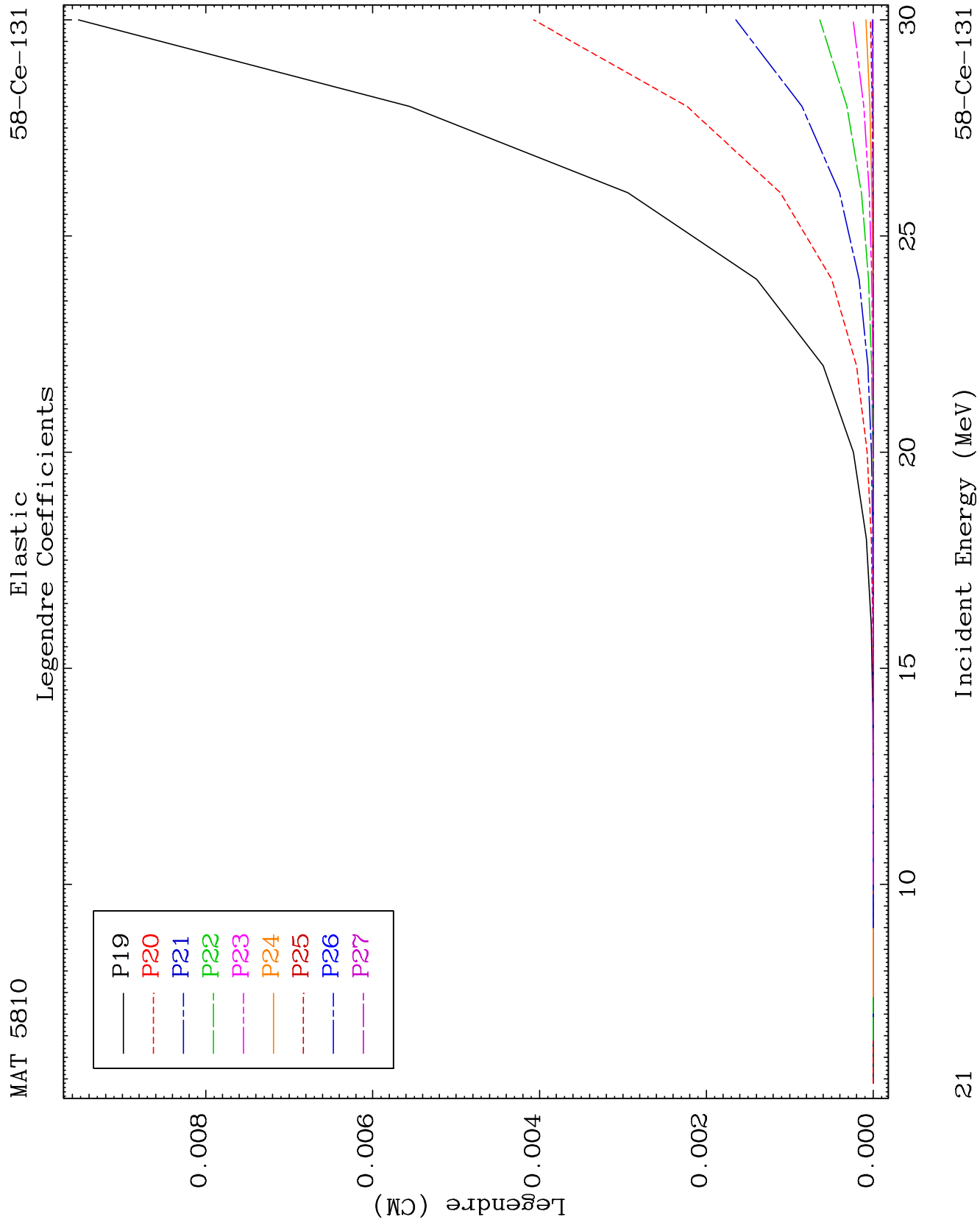


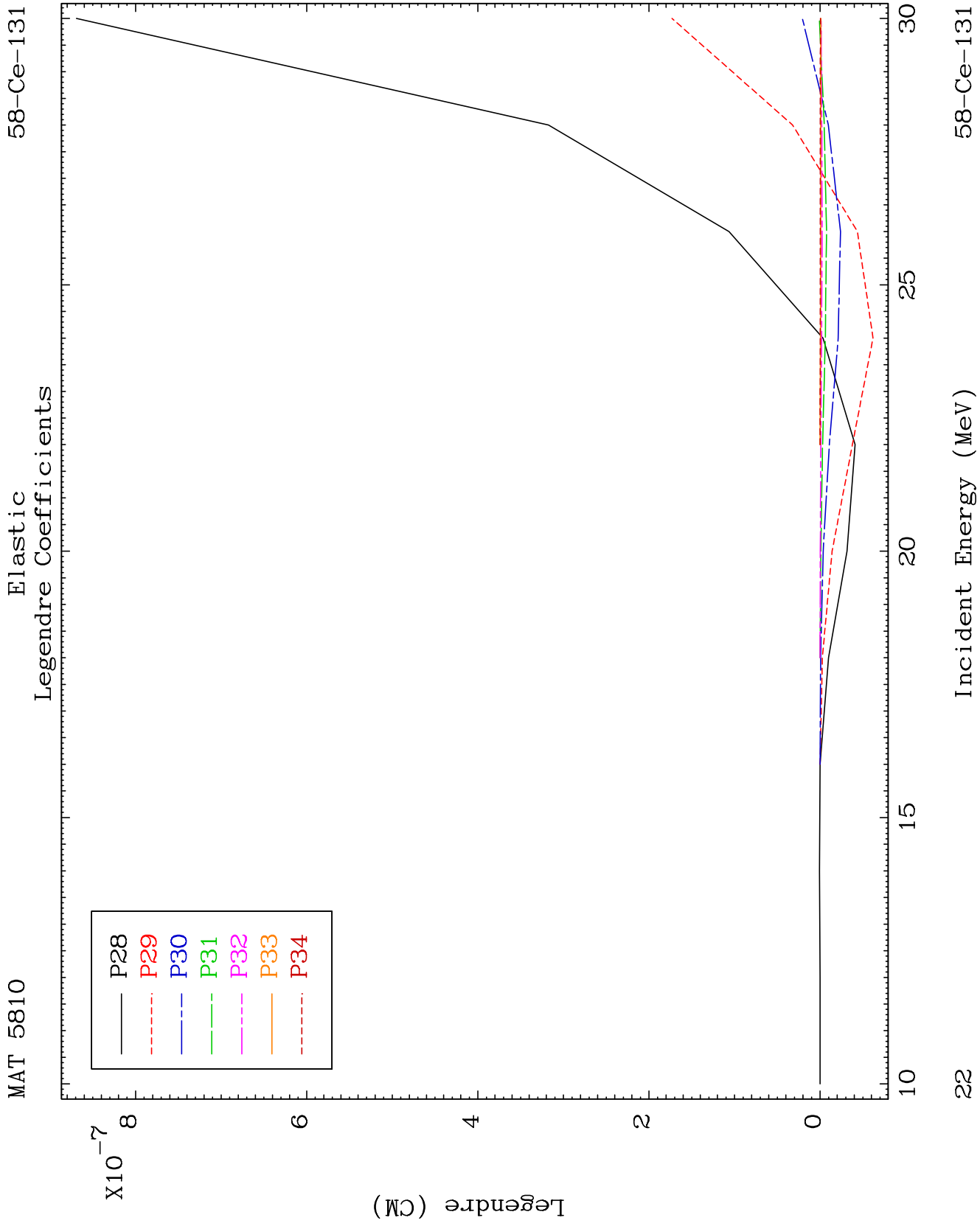


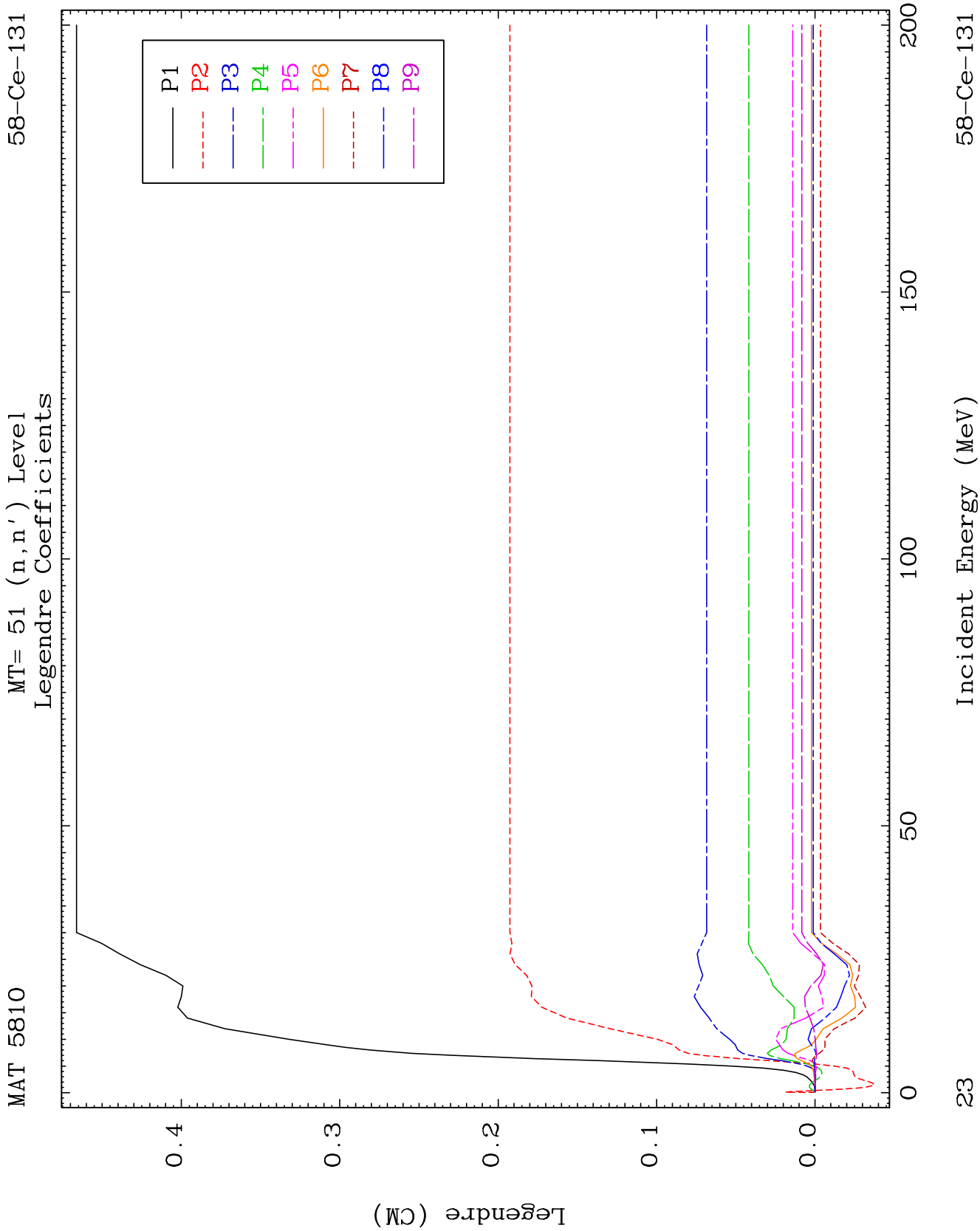








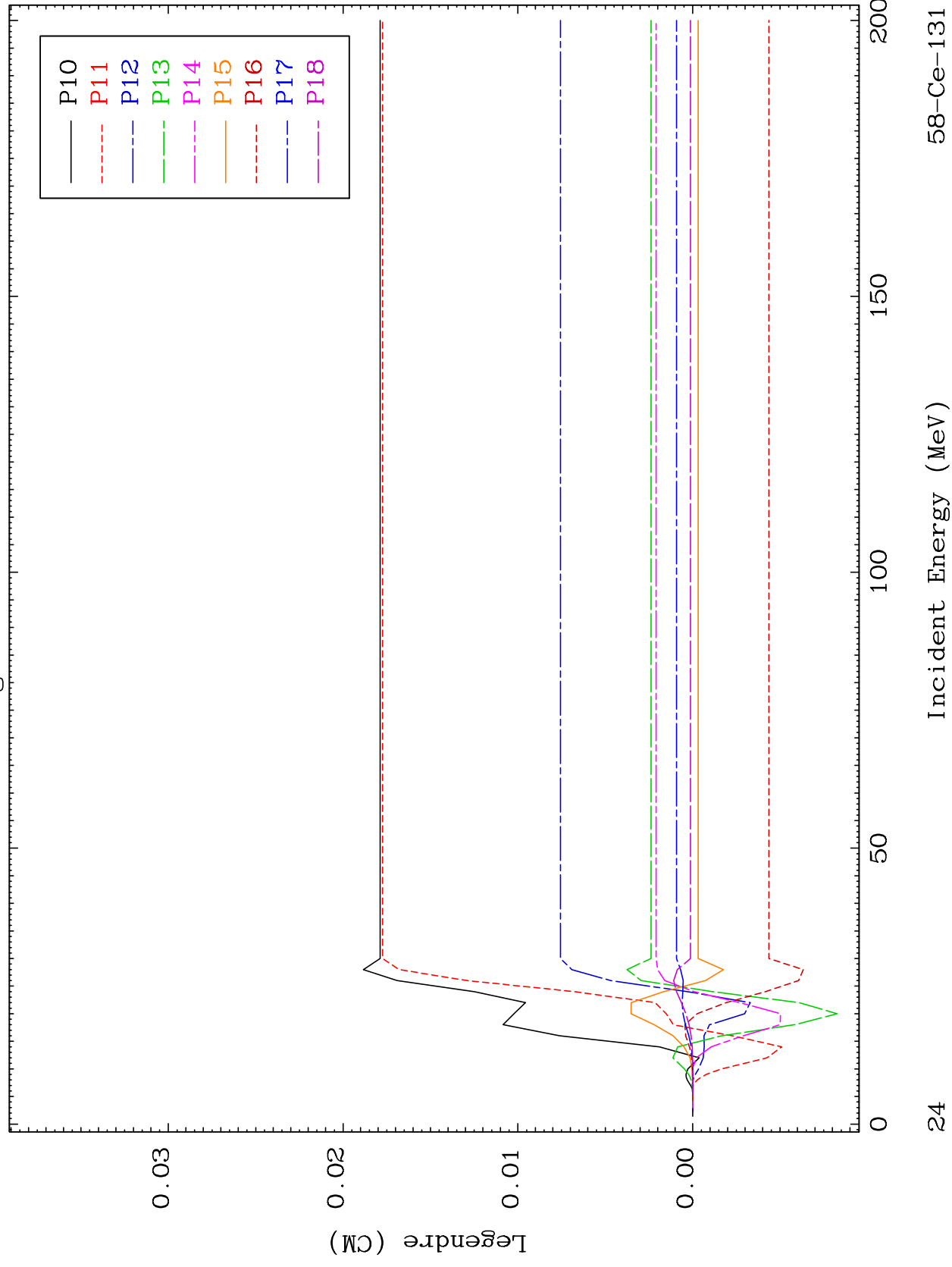




MAT 5810

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

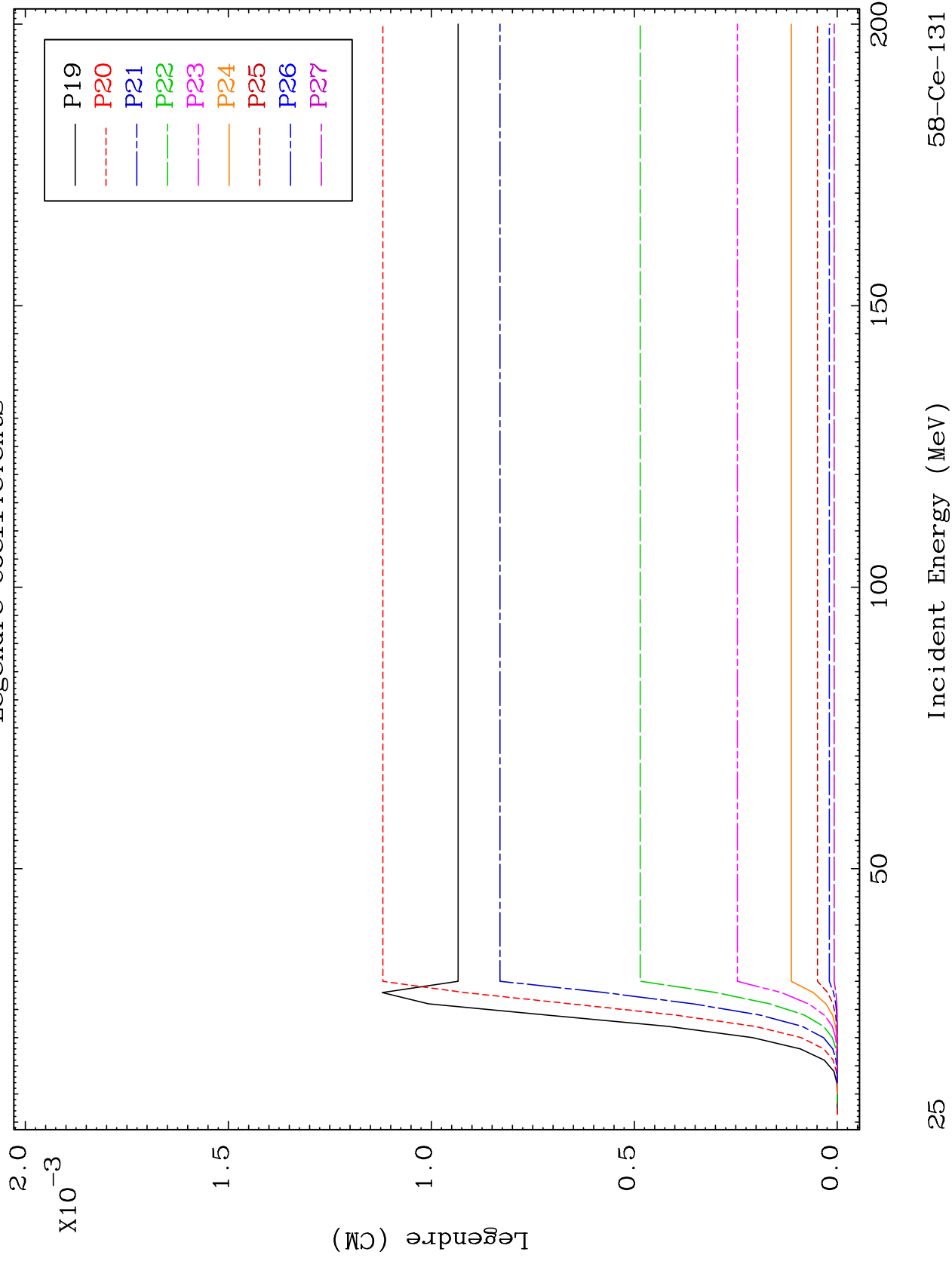
58-Ce-131



MAT 5810

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

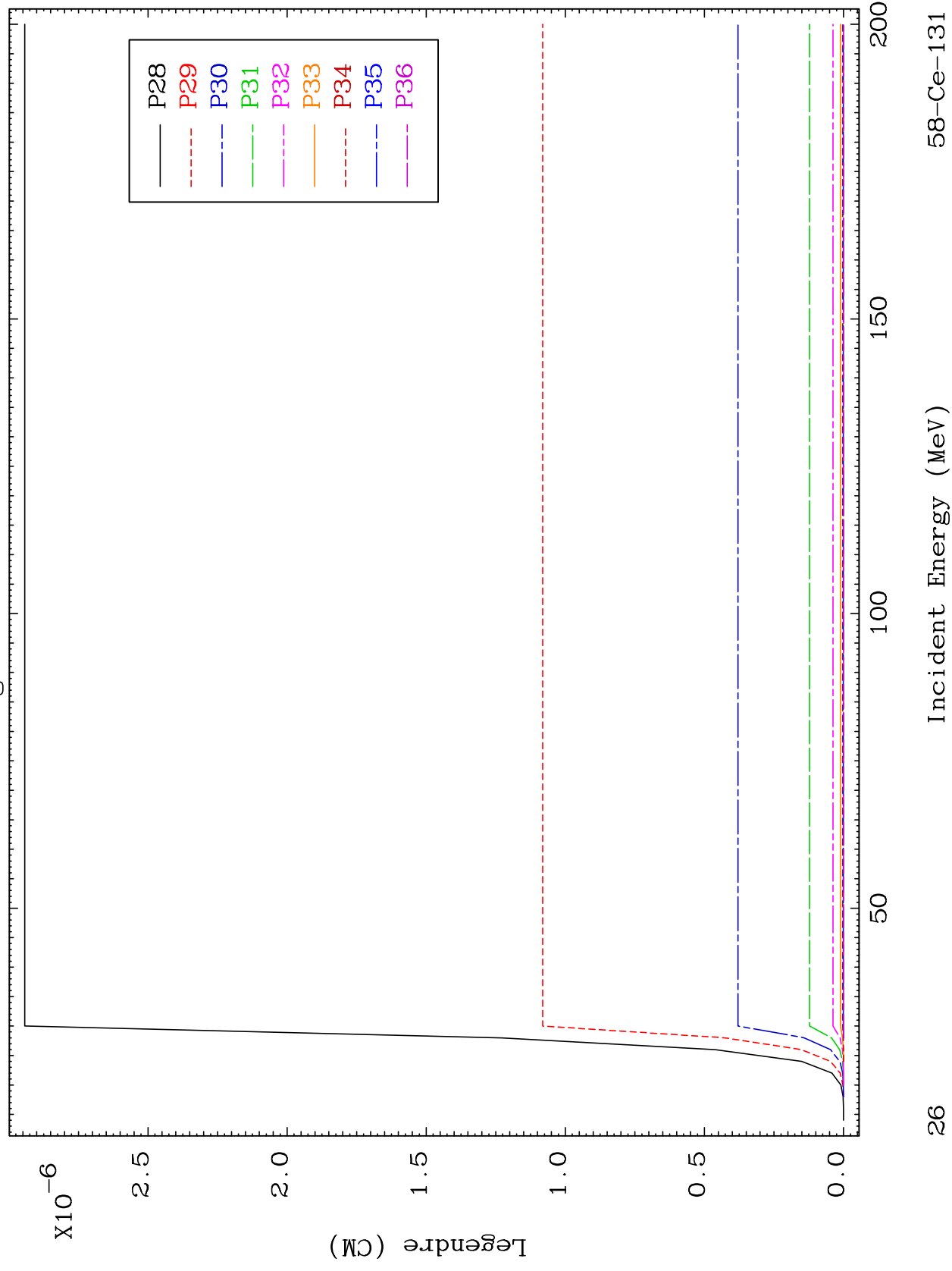
58-Ce-131

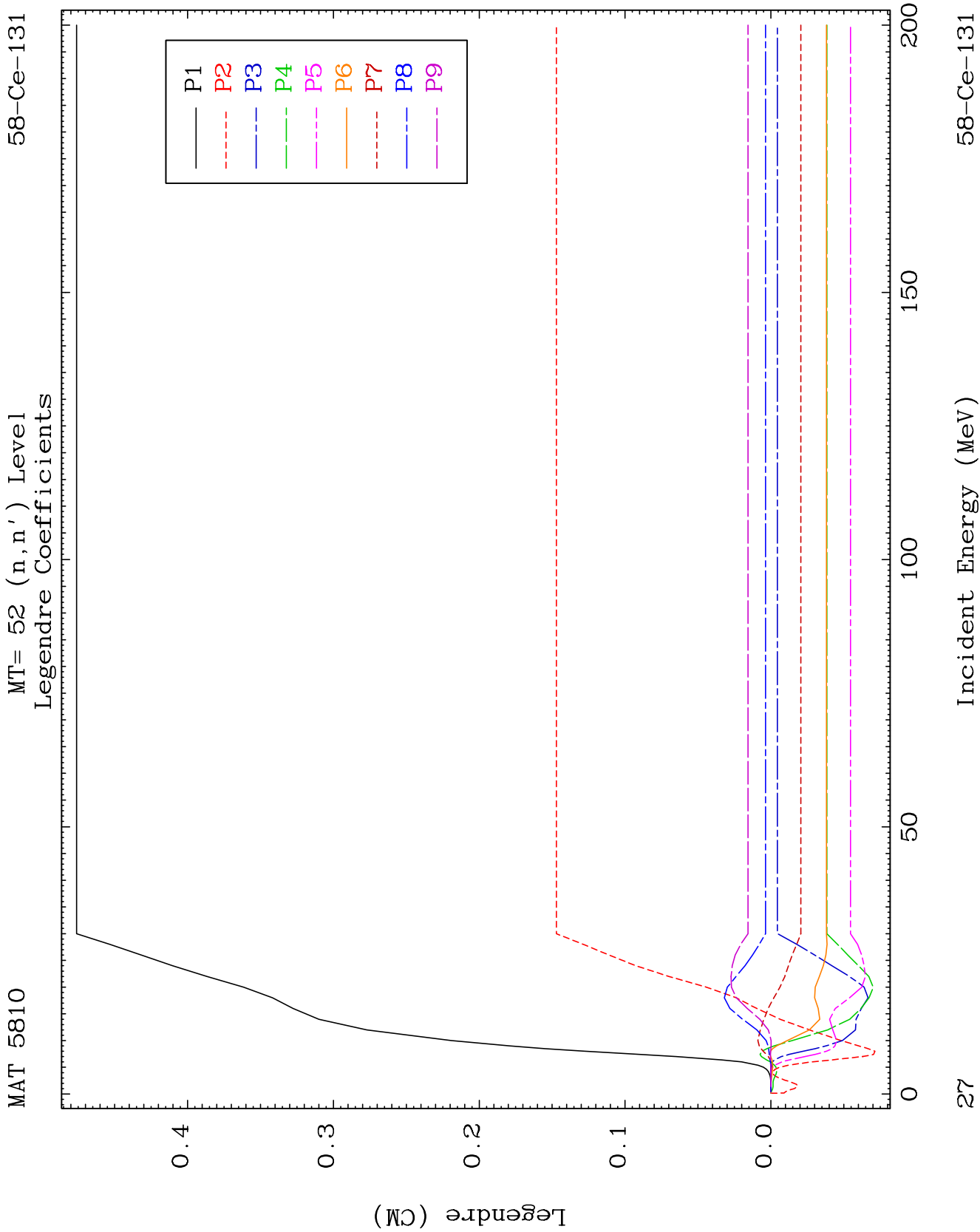


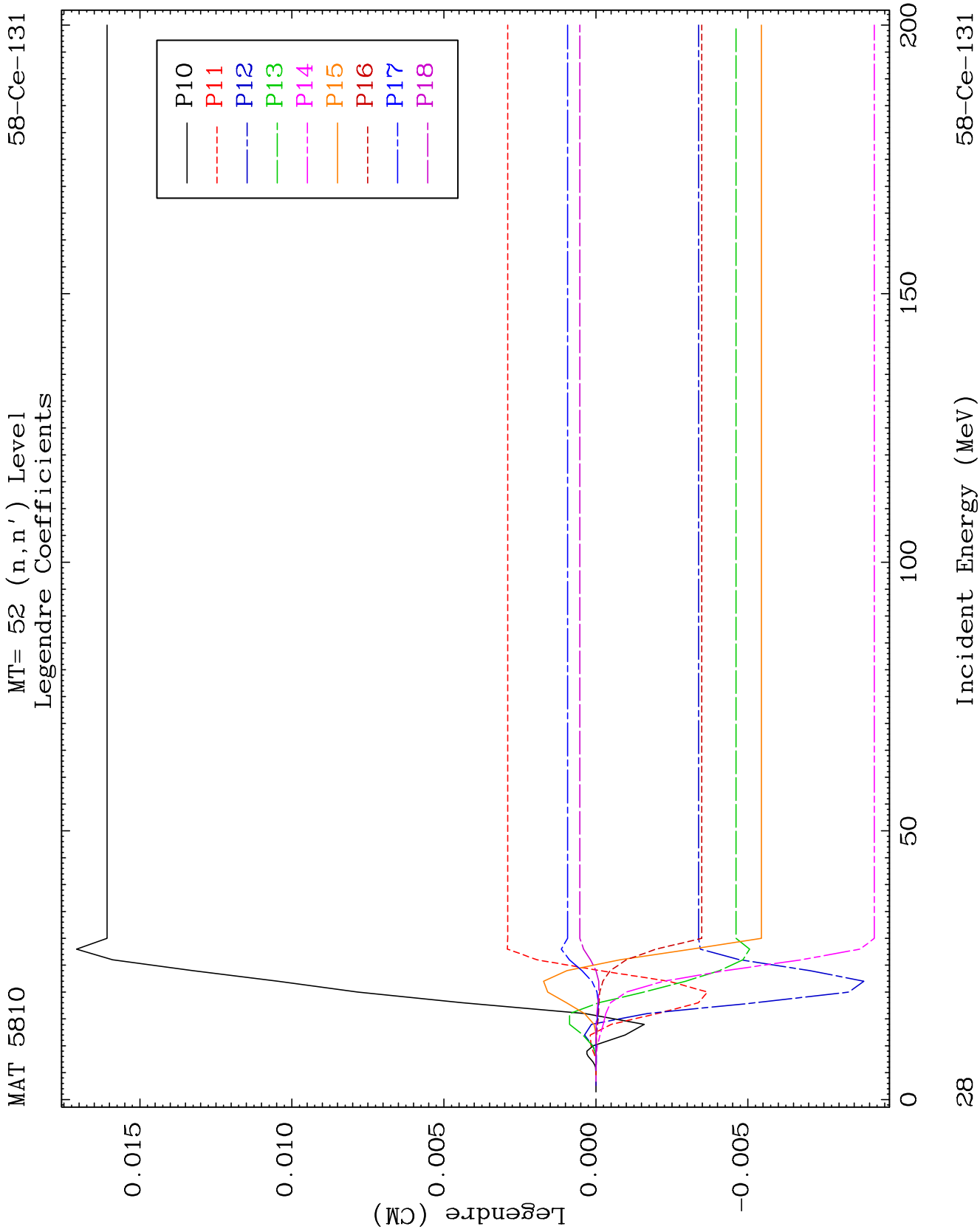
MAT 5810

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

58-Ce-131



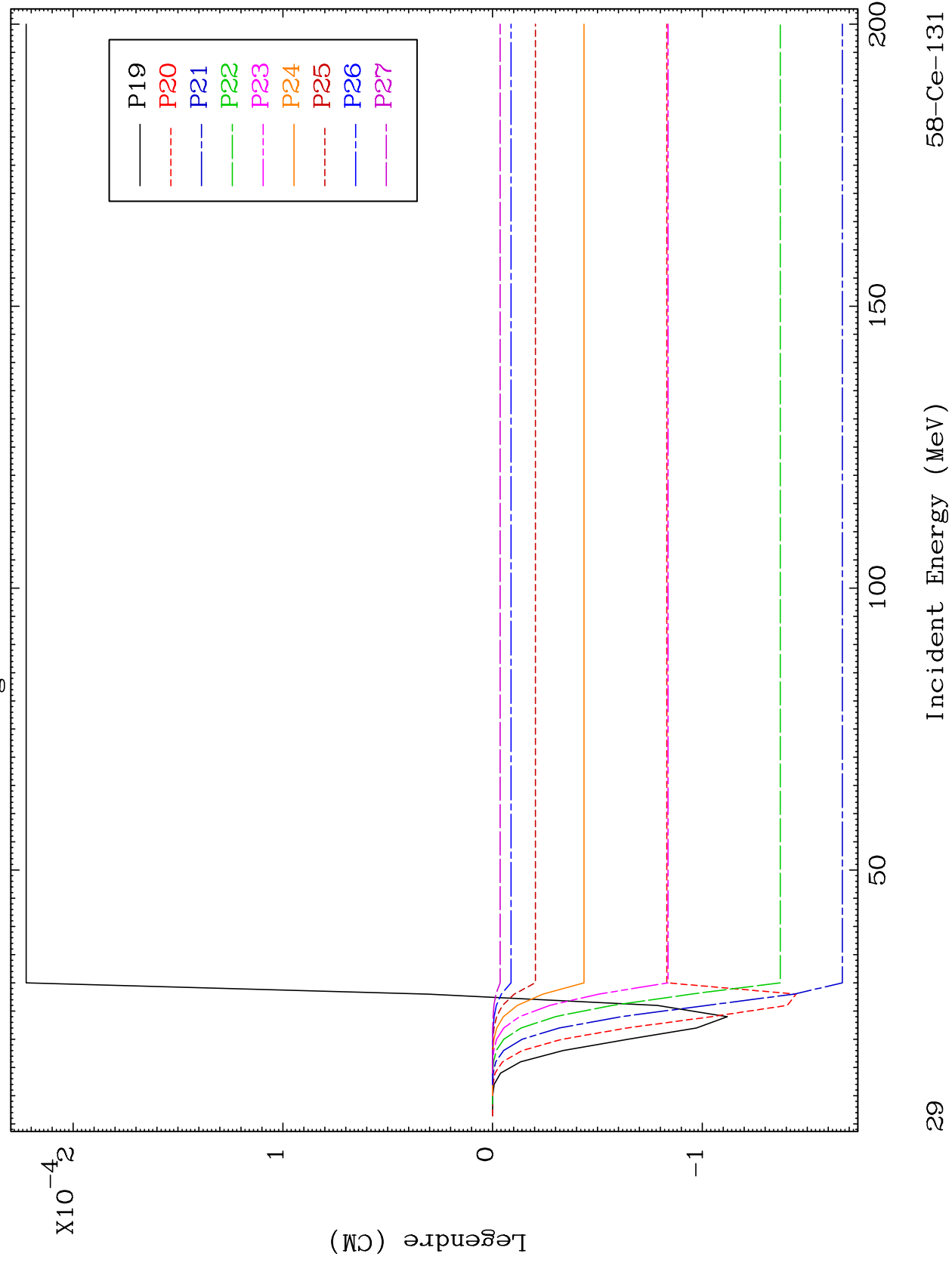


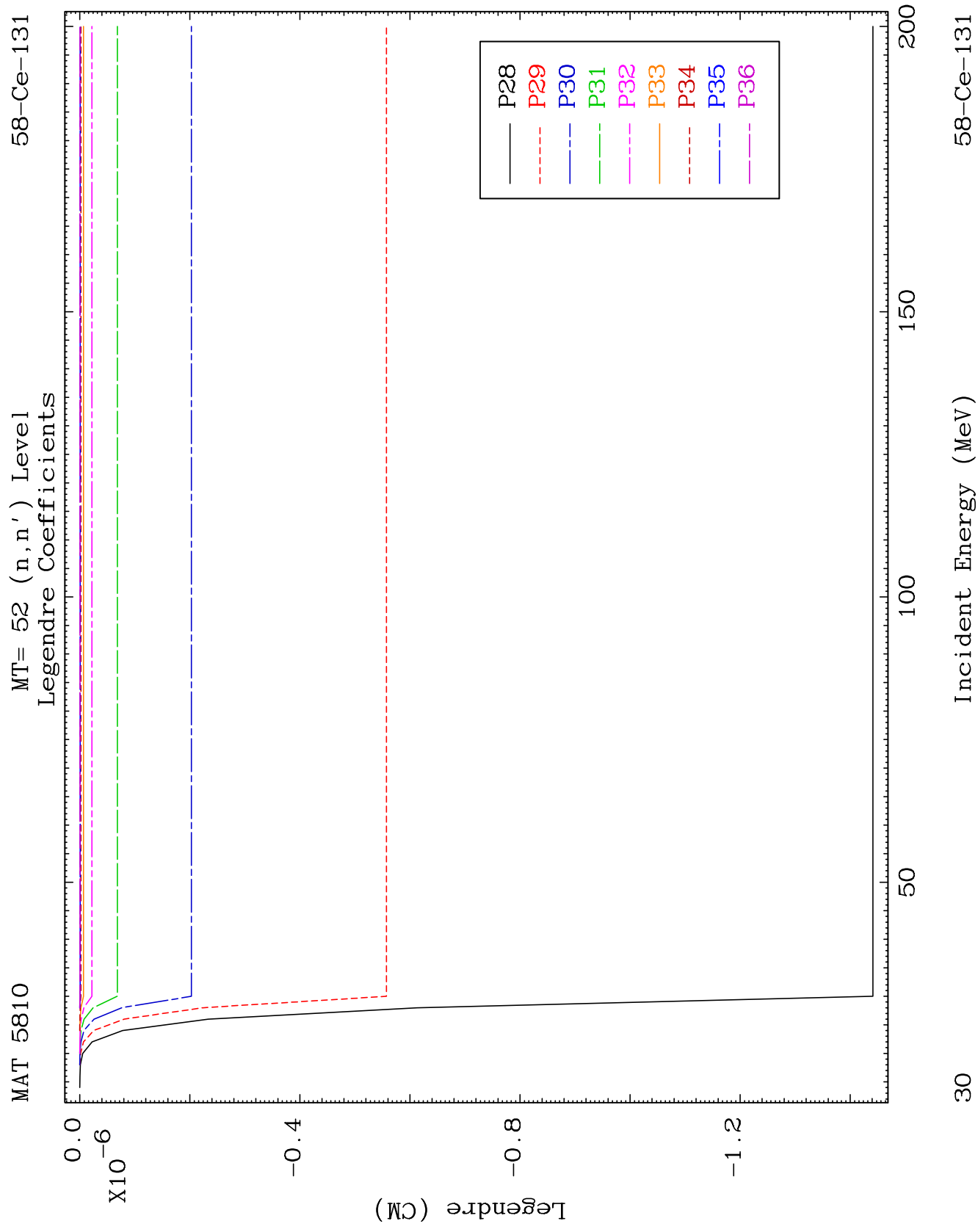


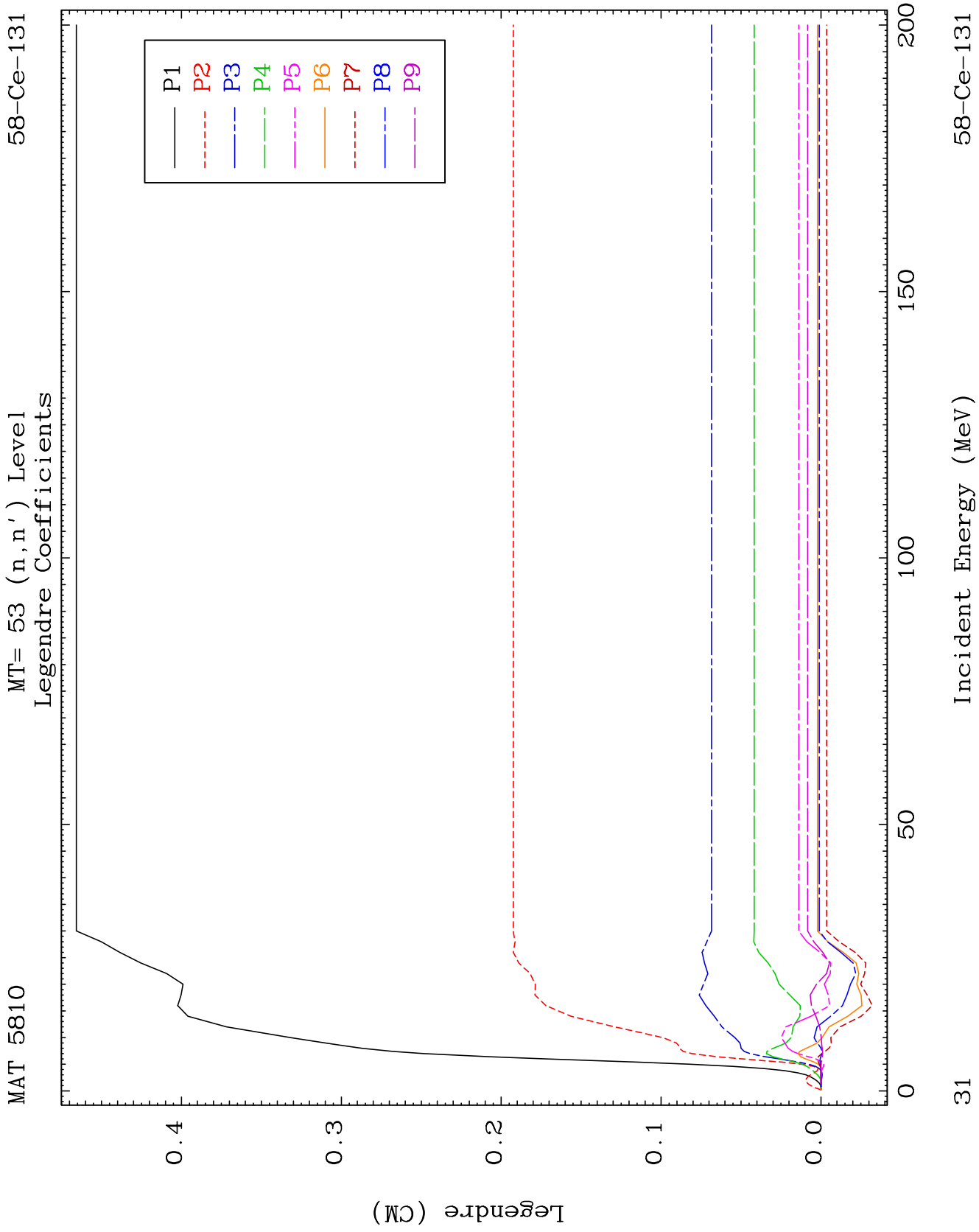
MAT 5810

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

58-Ce-131



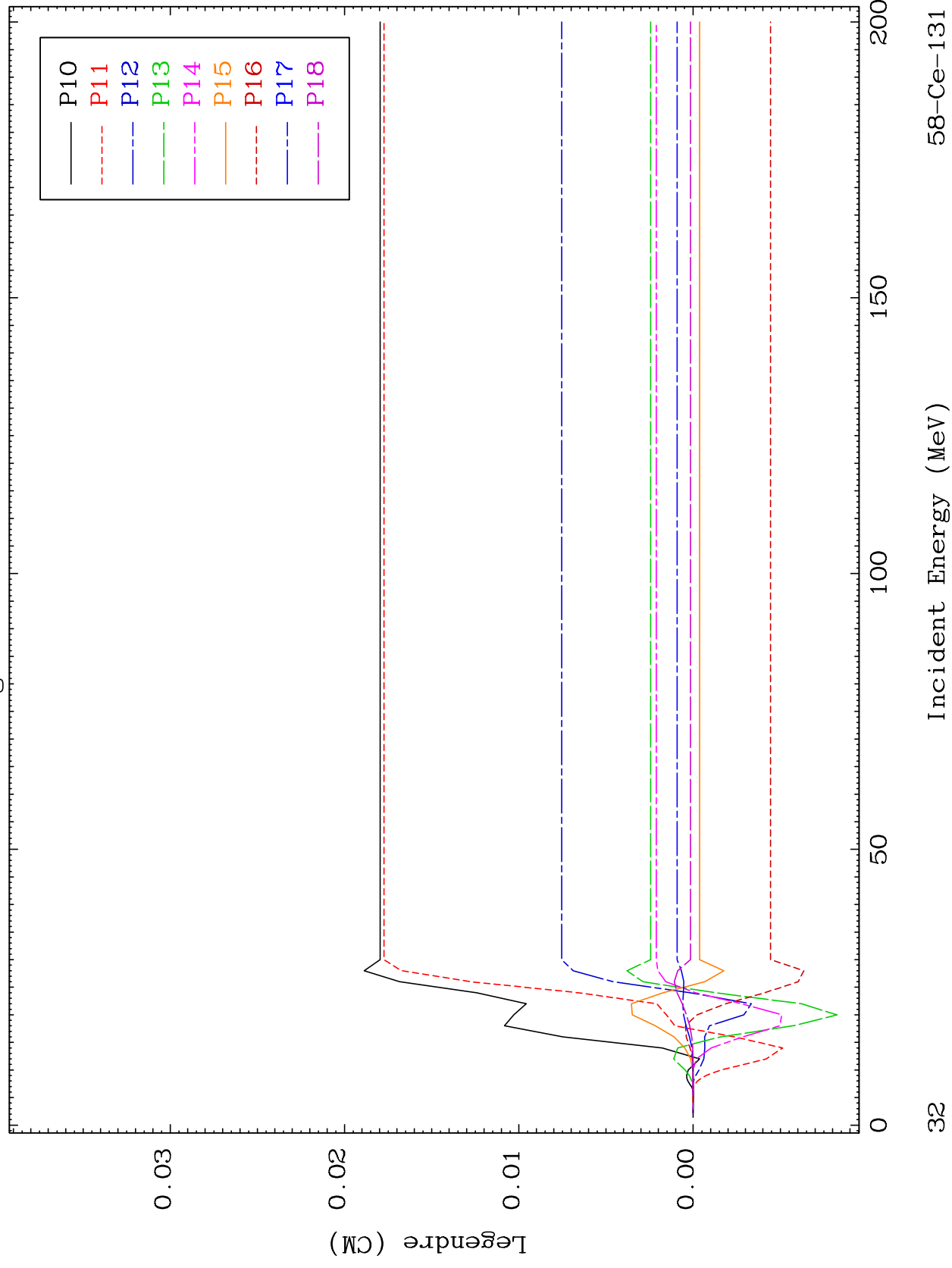


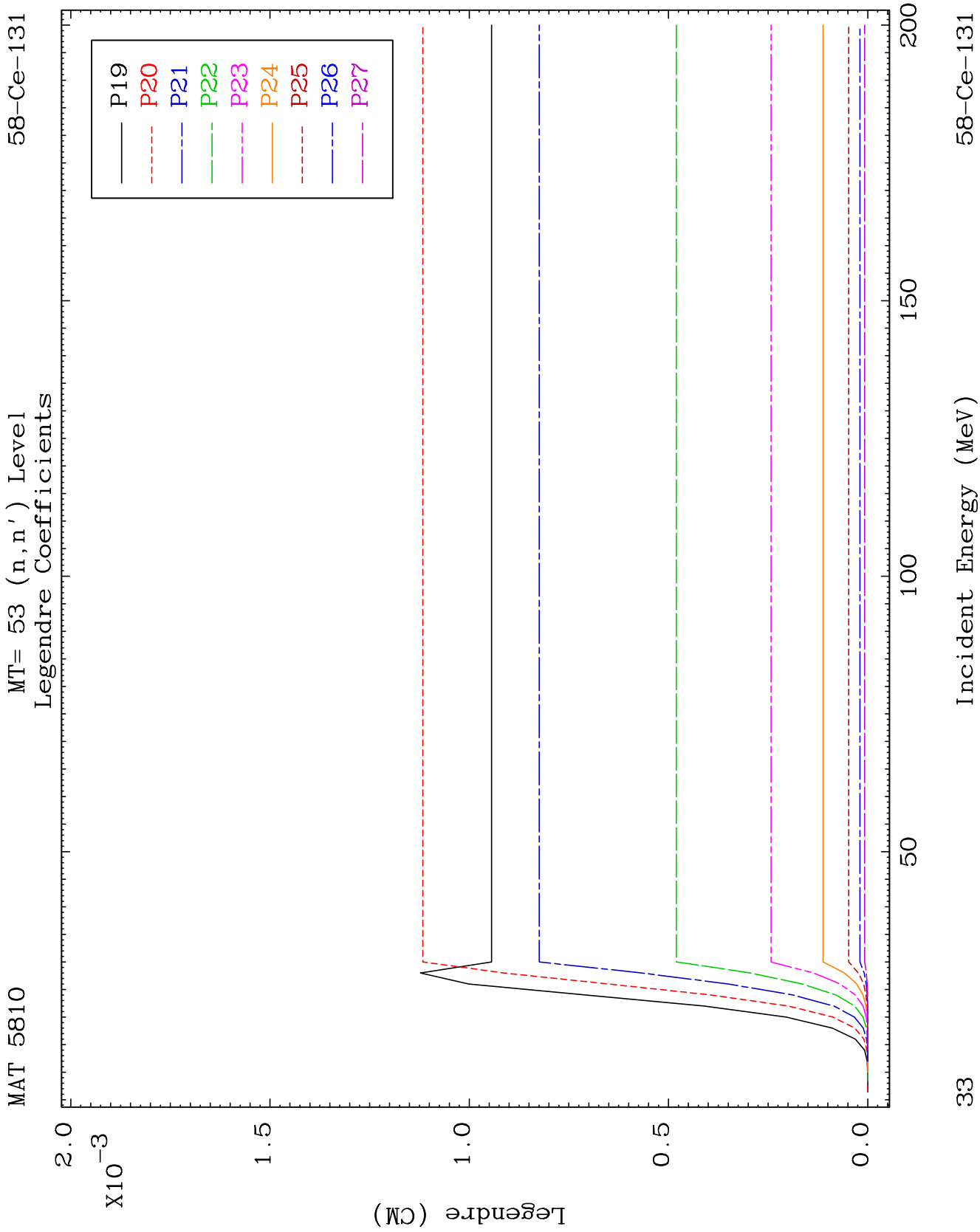


MAT 5810

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

58-Ce-131

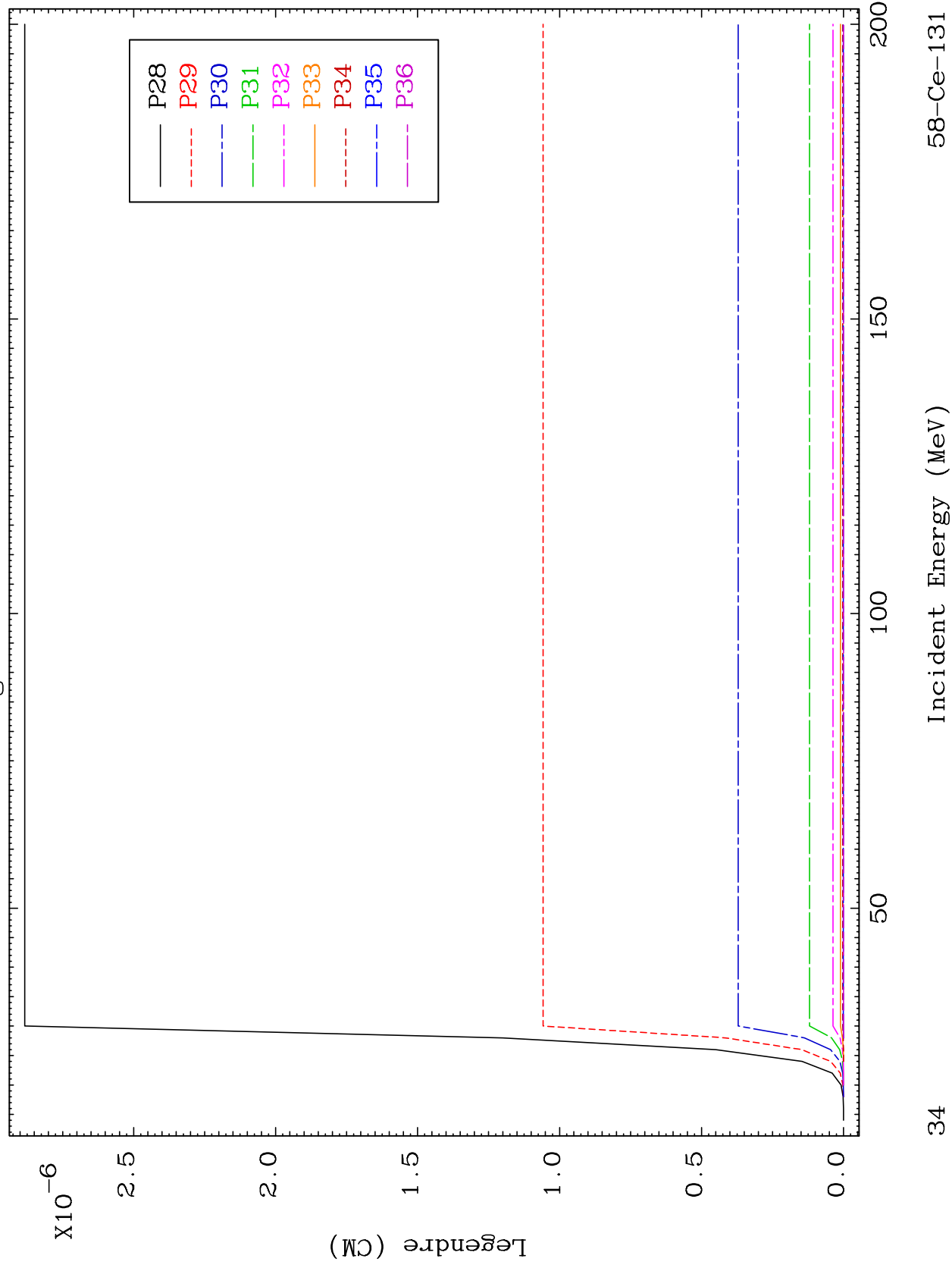




MAT 5810

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

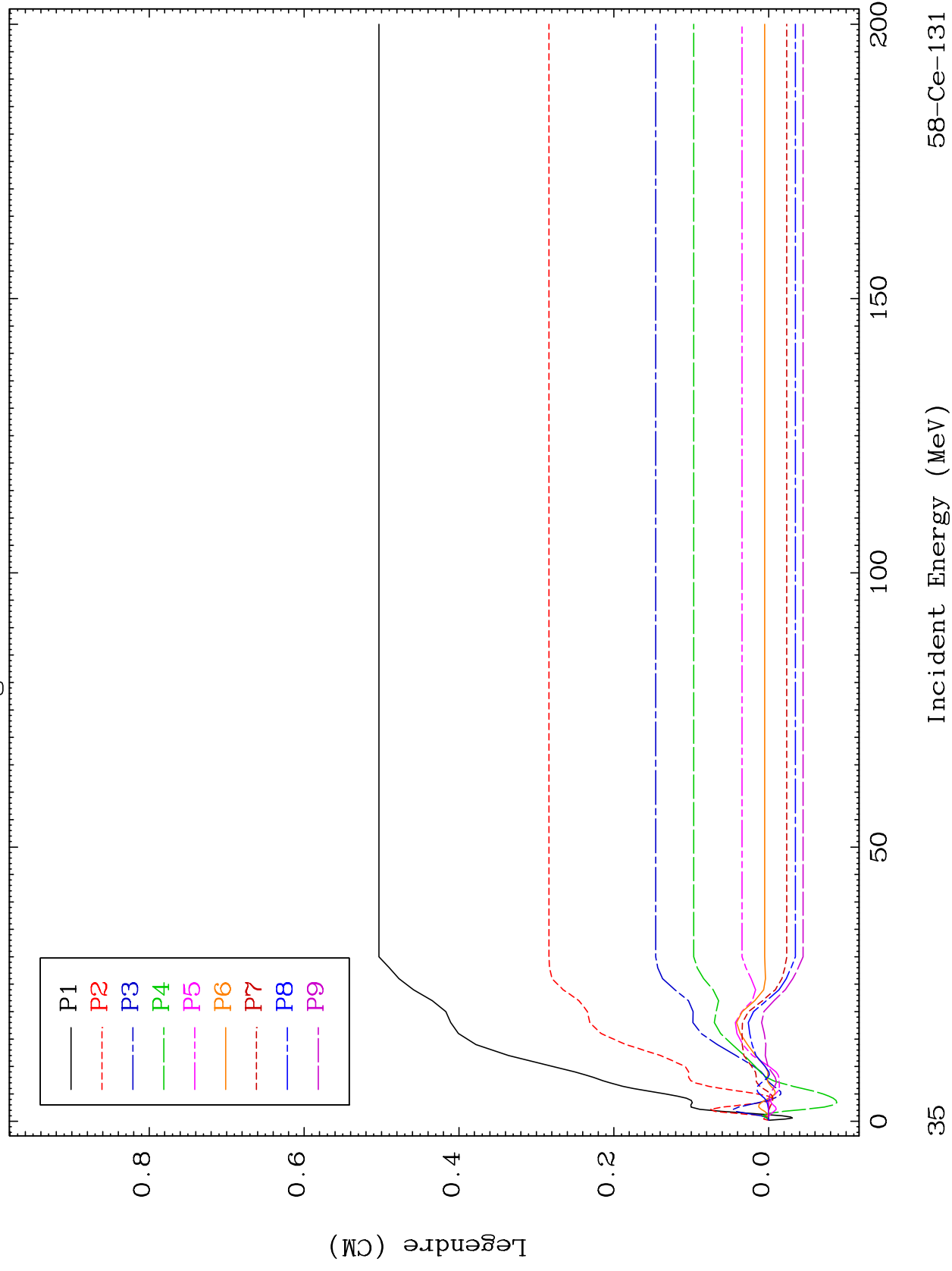
58-Ce-131

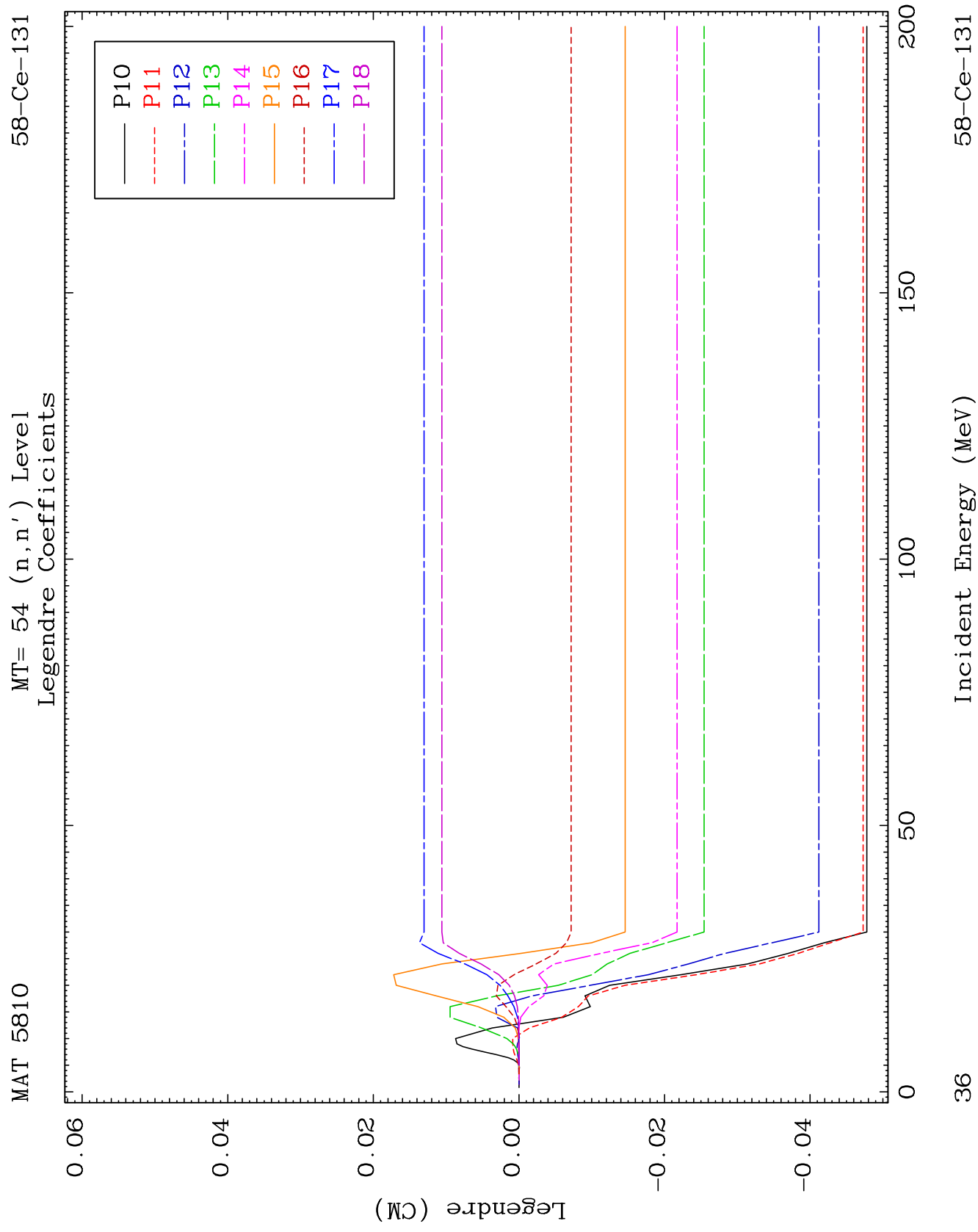


MAT 5810

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

58-Ce-131

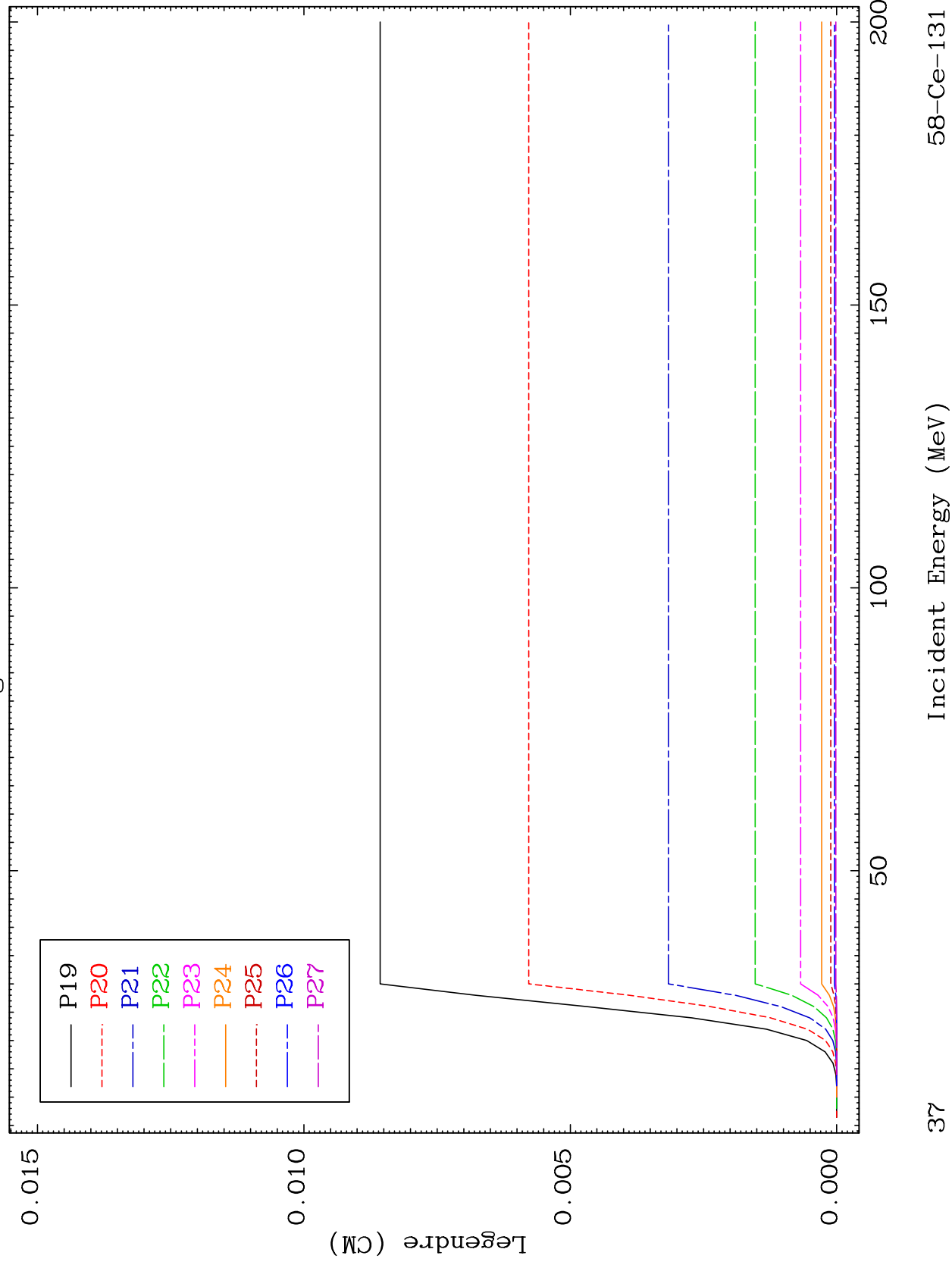


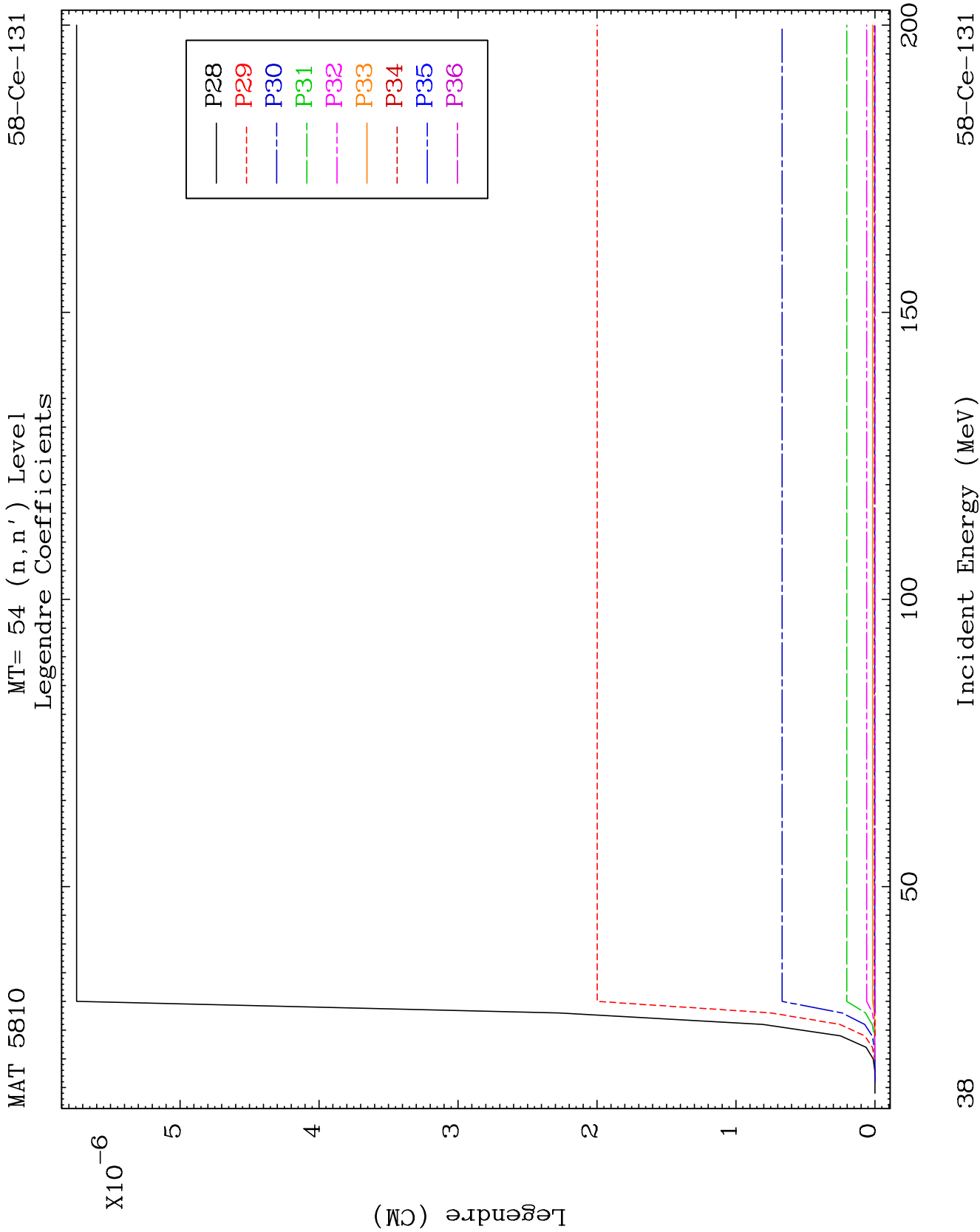


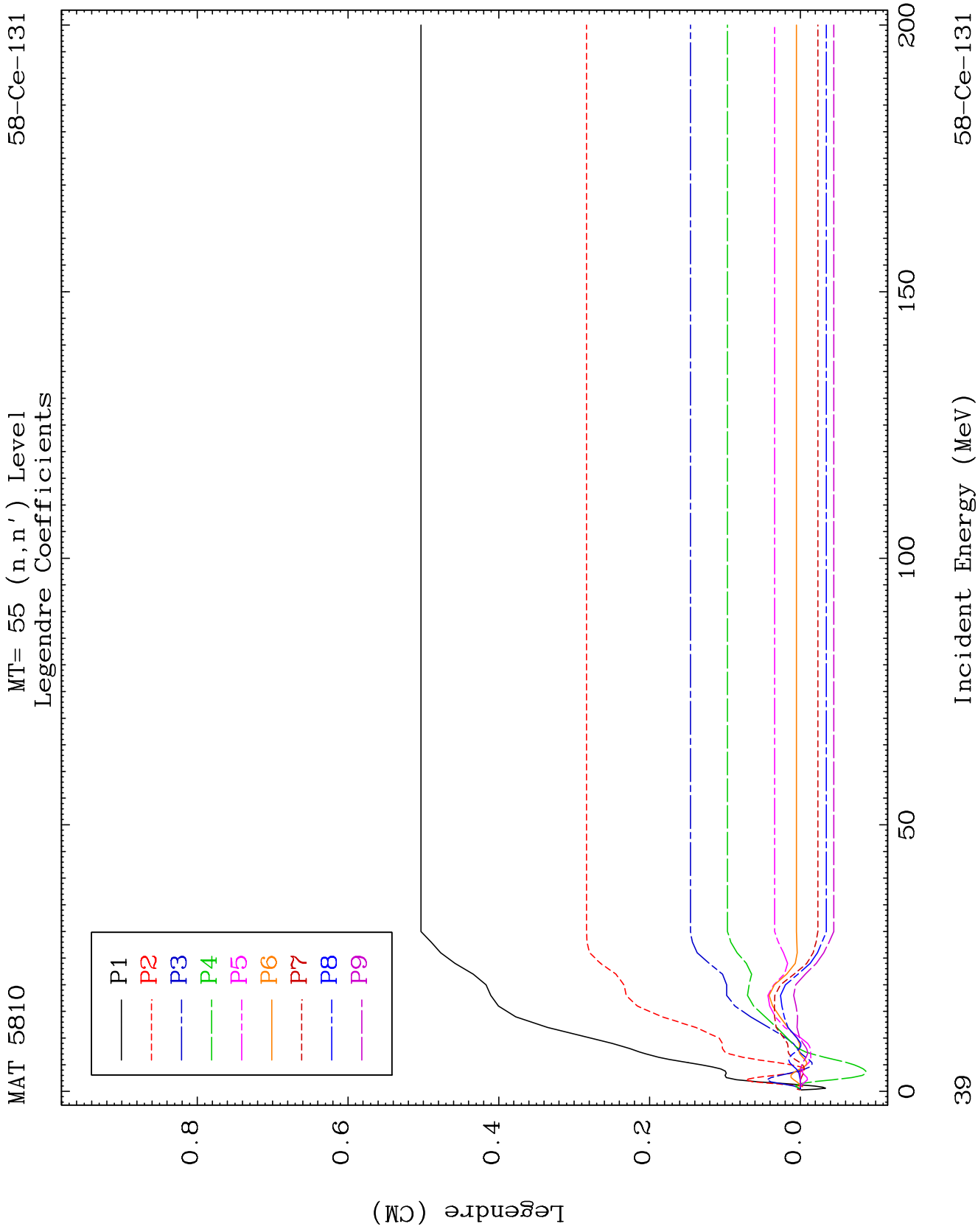
MAT 5810

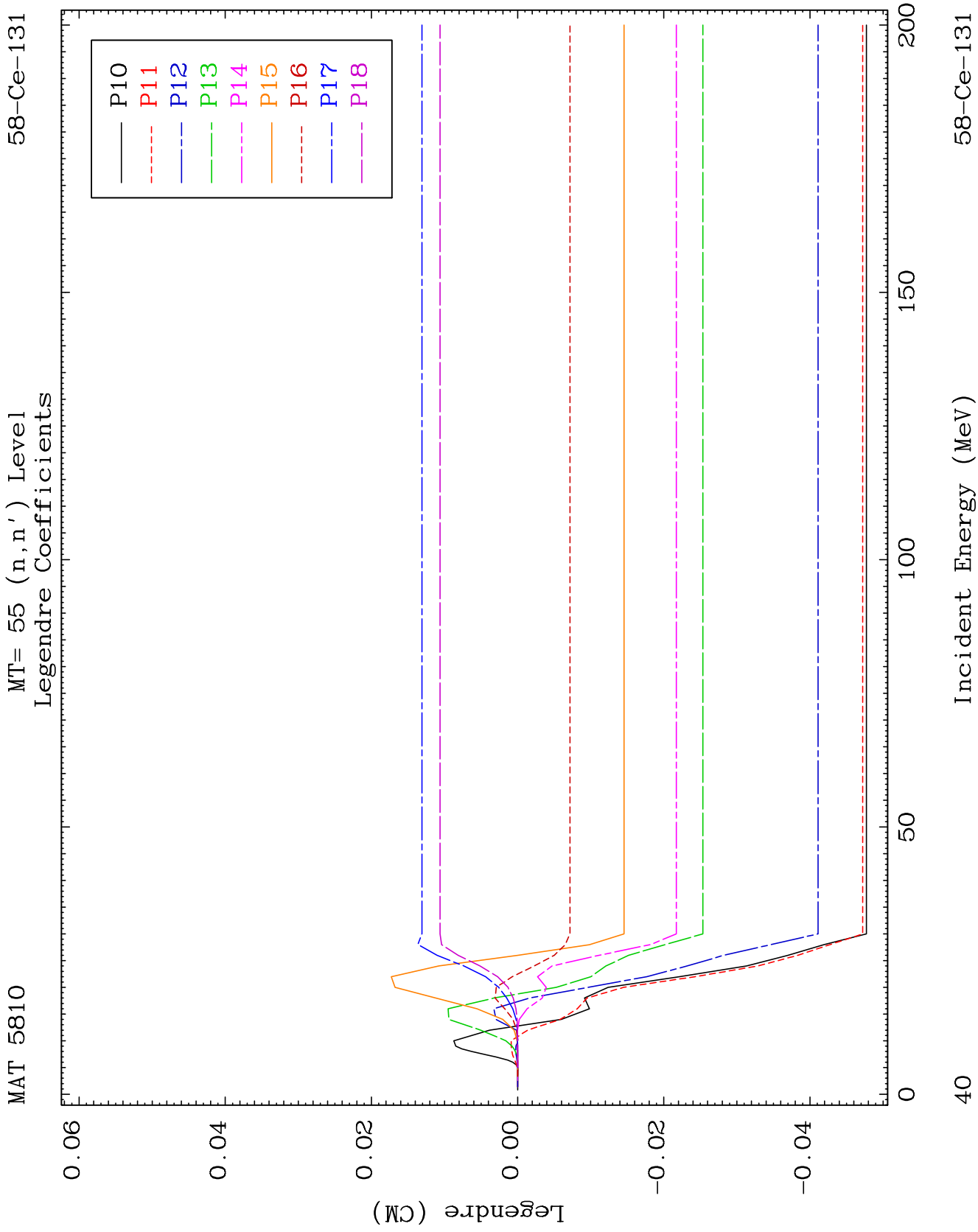
MT= 54 (n, n') Level
Legendre Coefficients

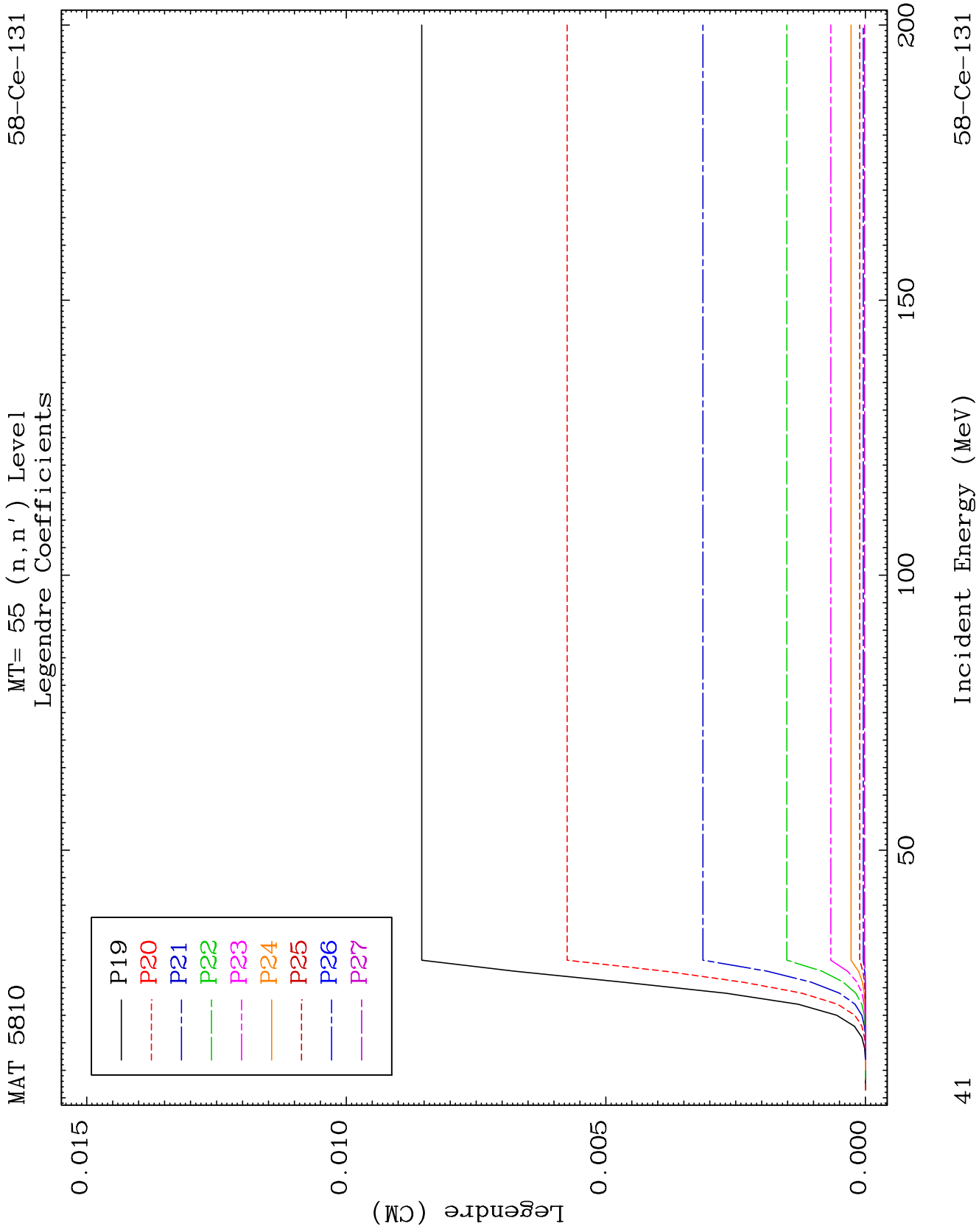
58-Ce-131

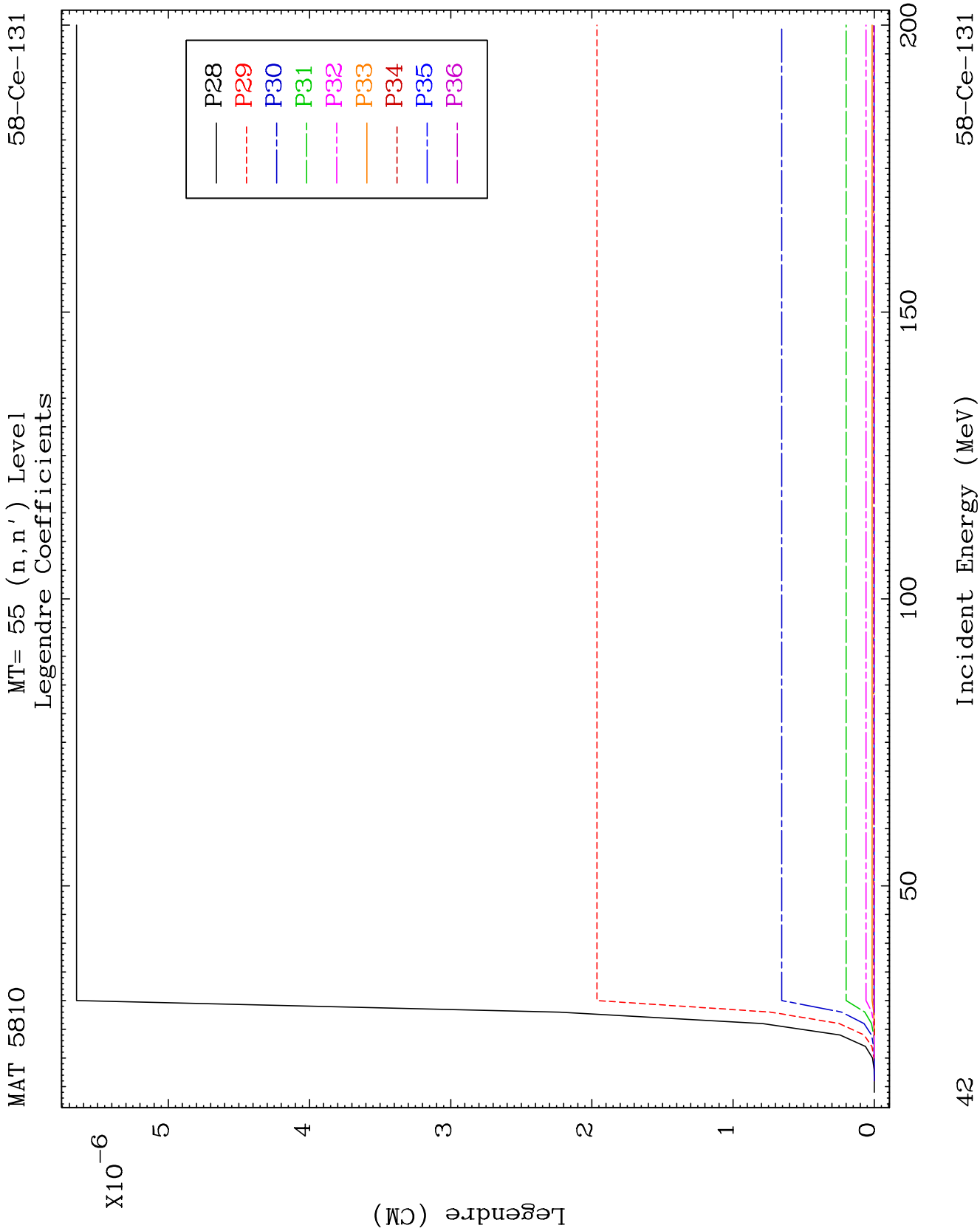








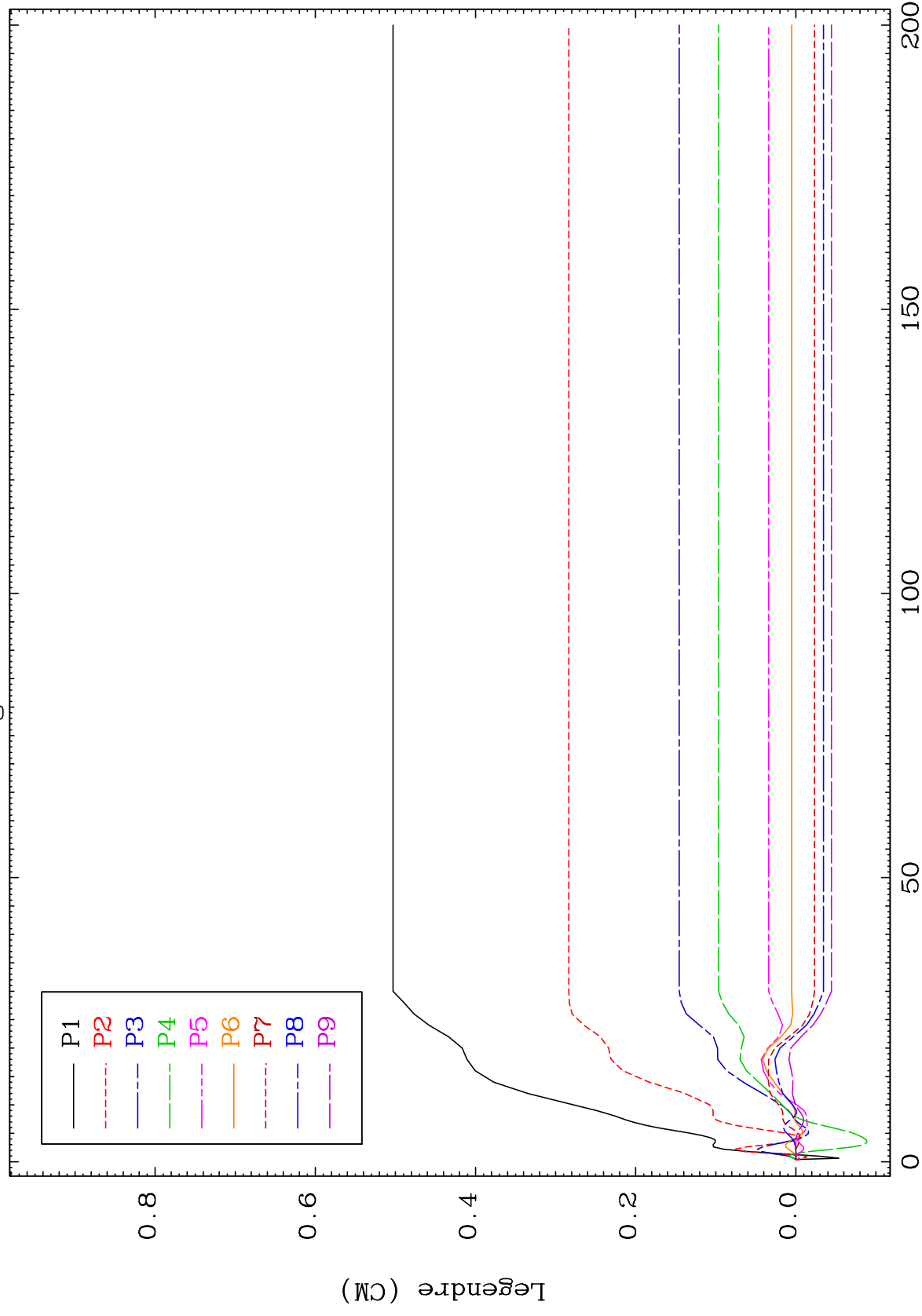




MAT 5810

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

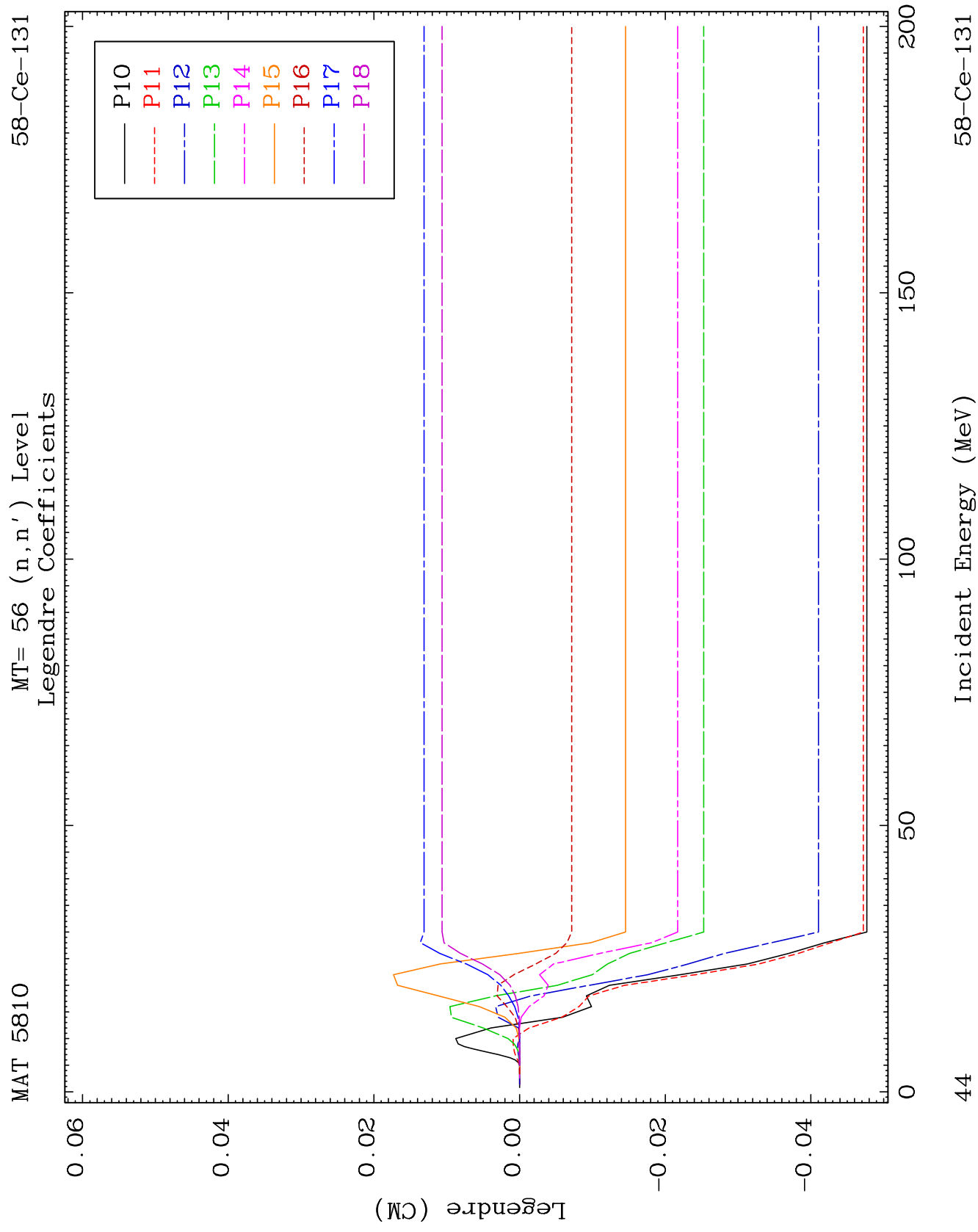
58-Ce-131

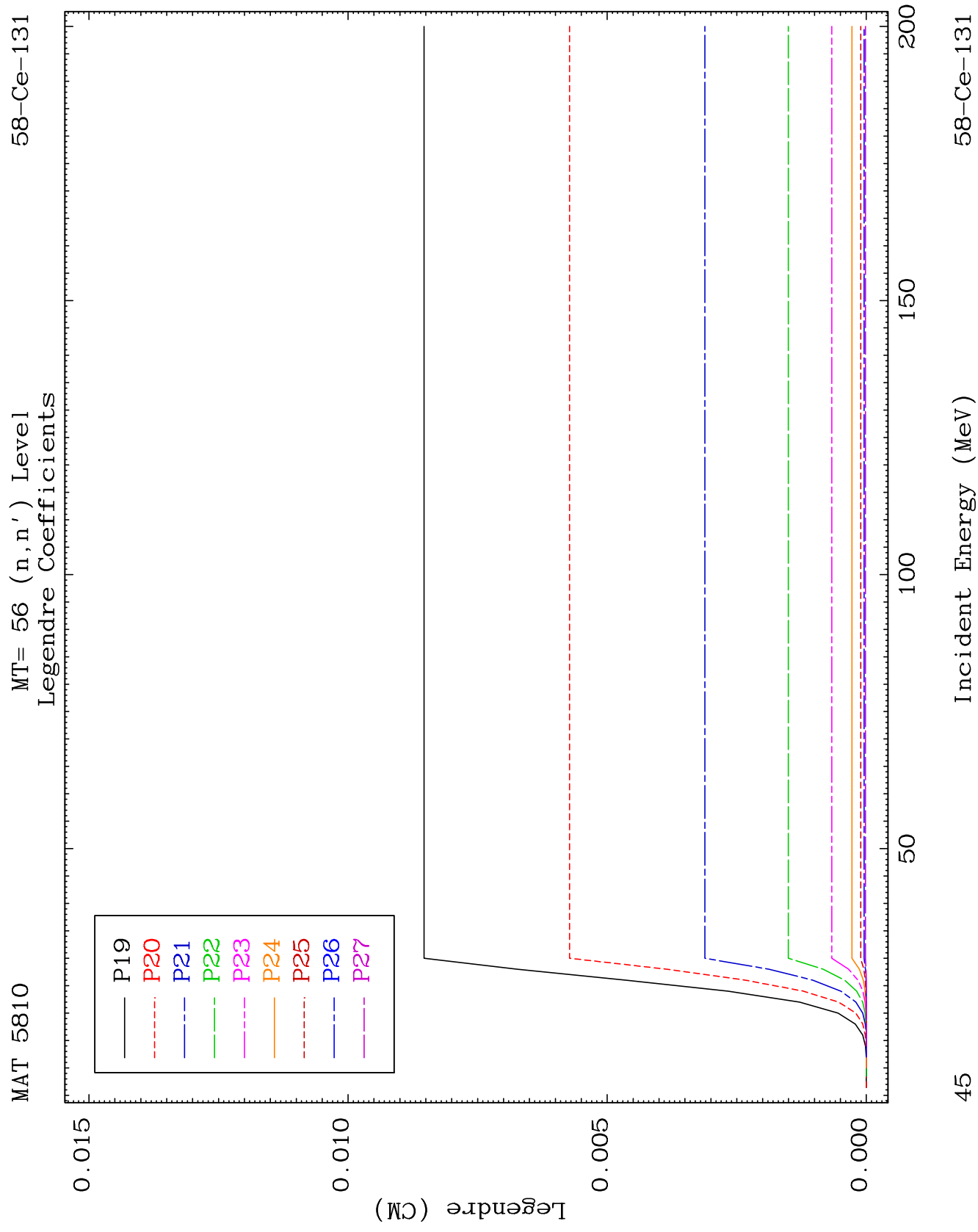


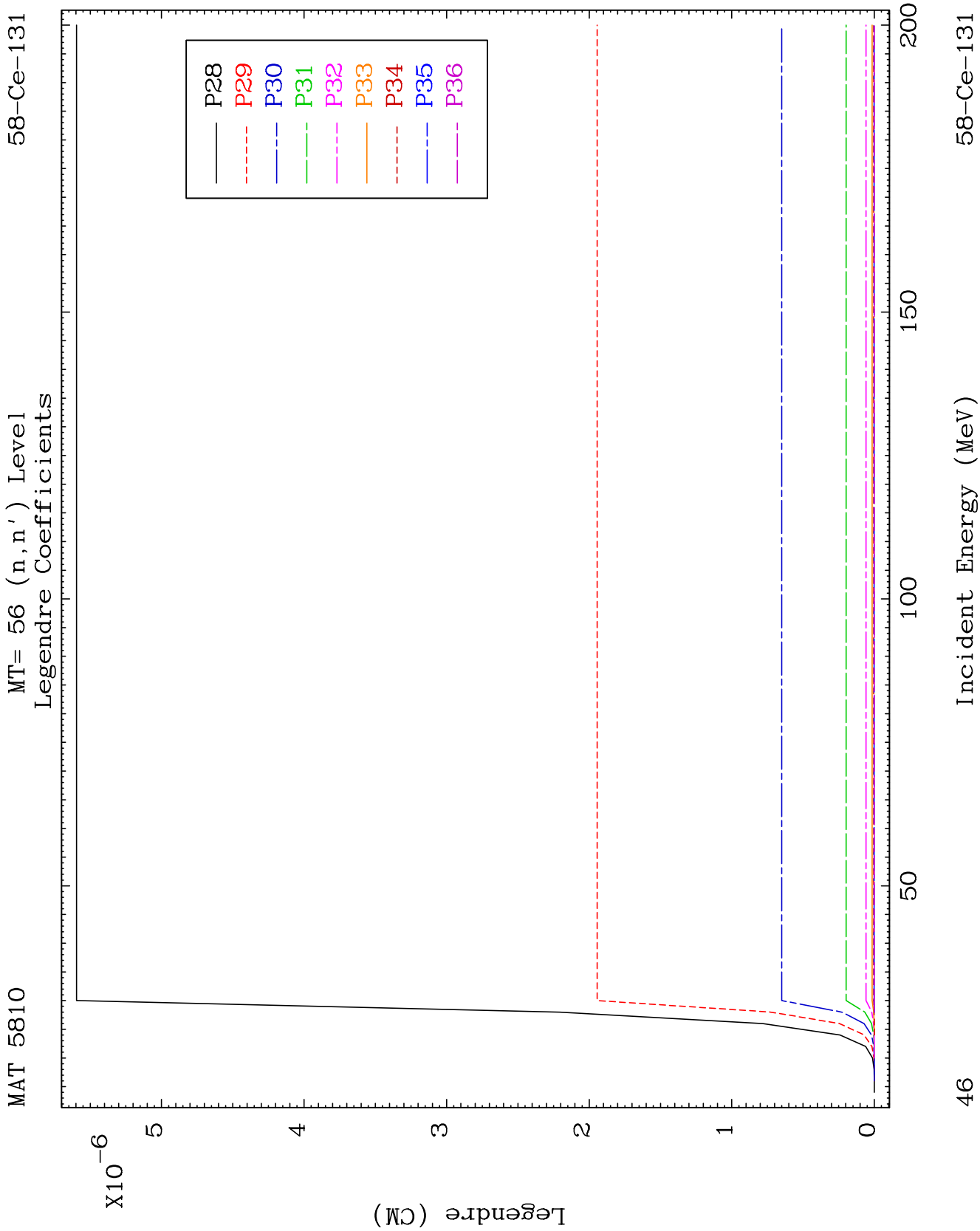
43

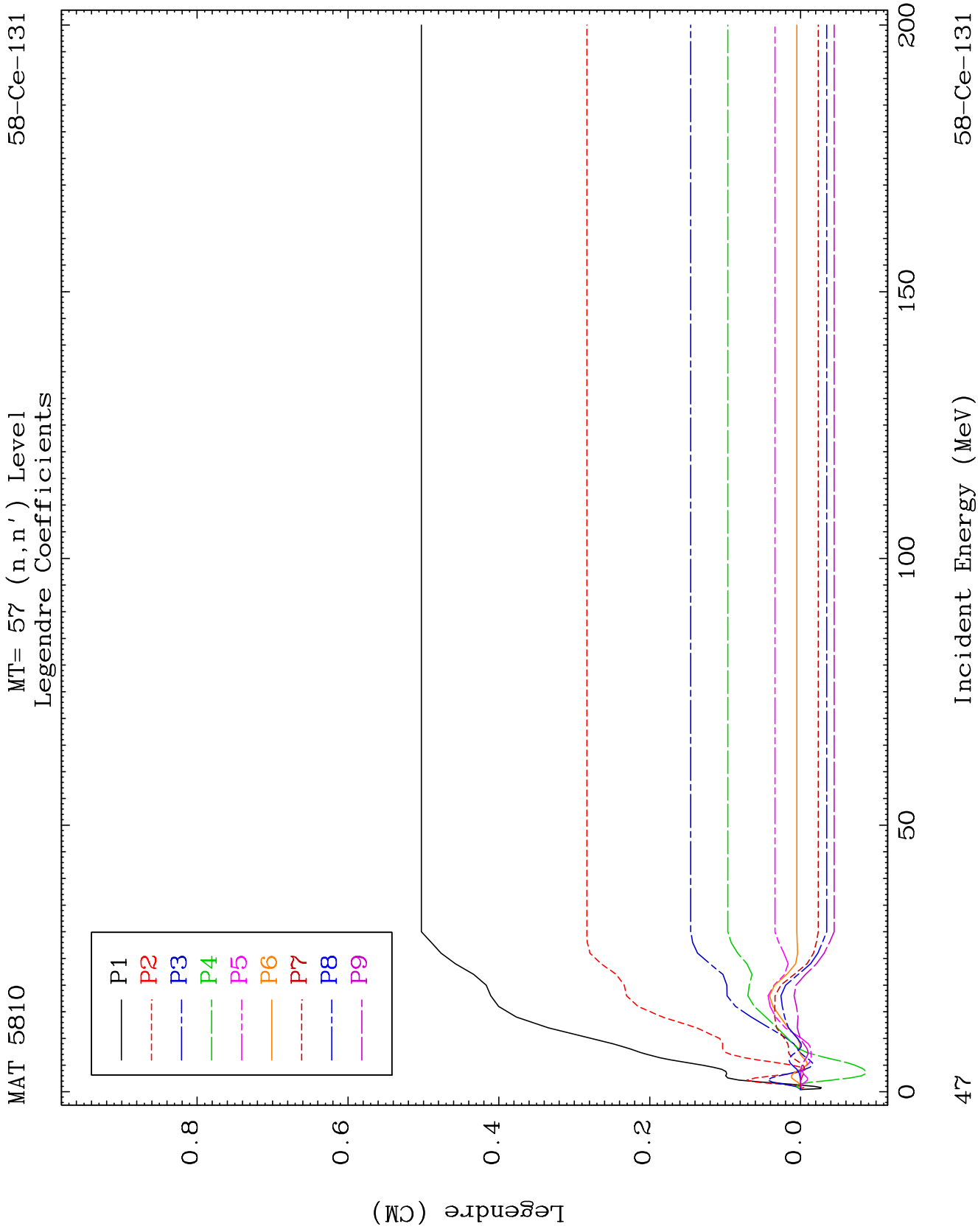
Incident Energy (MeV)

58-Ce-131





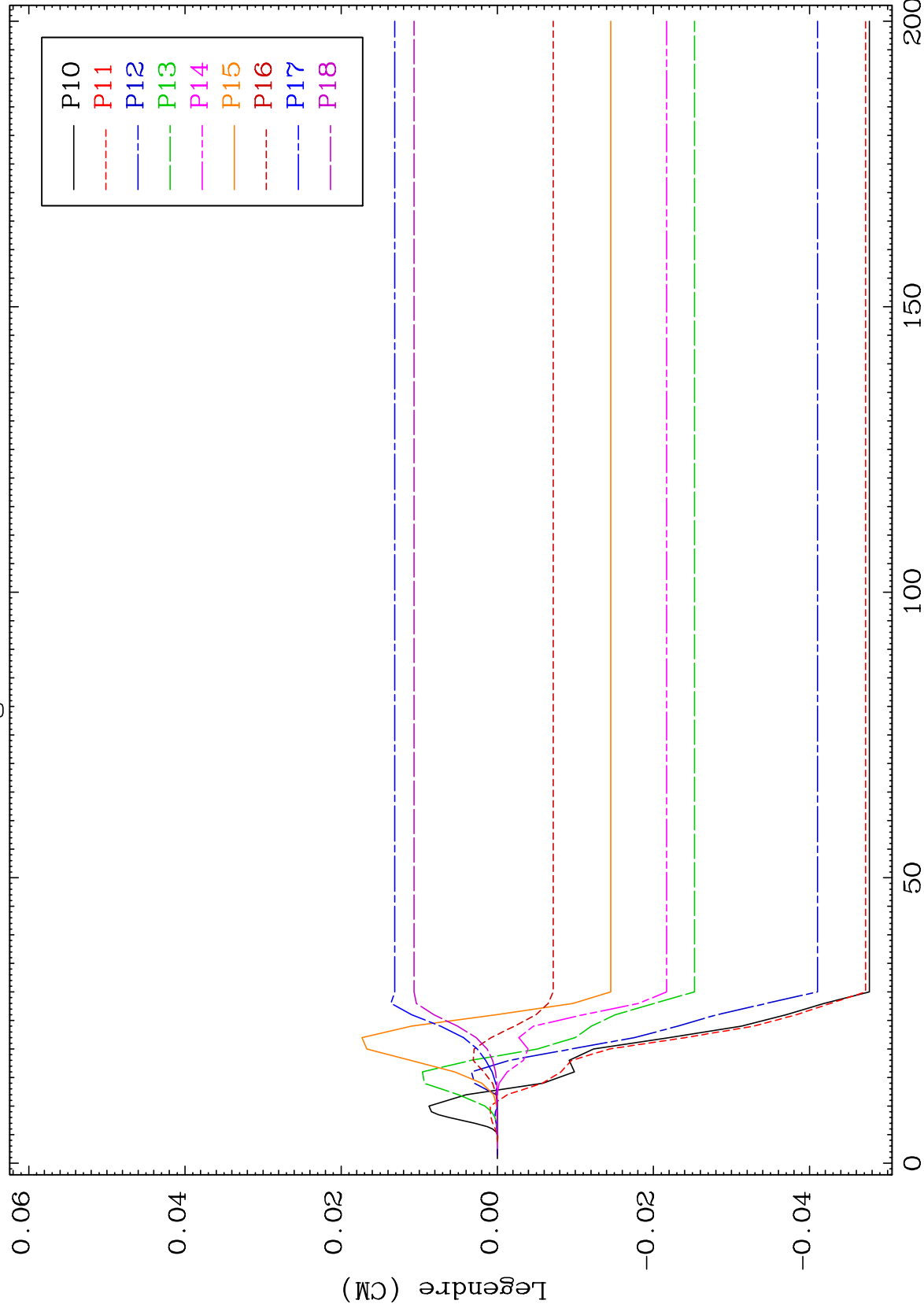




MAT 5810

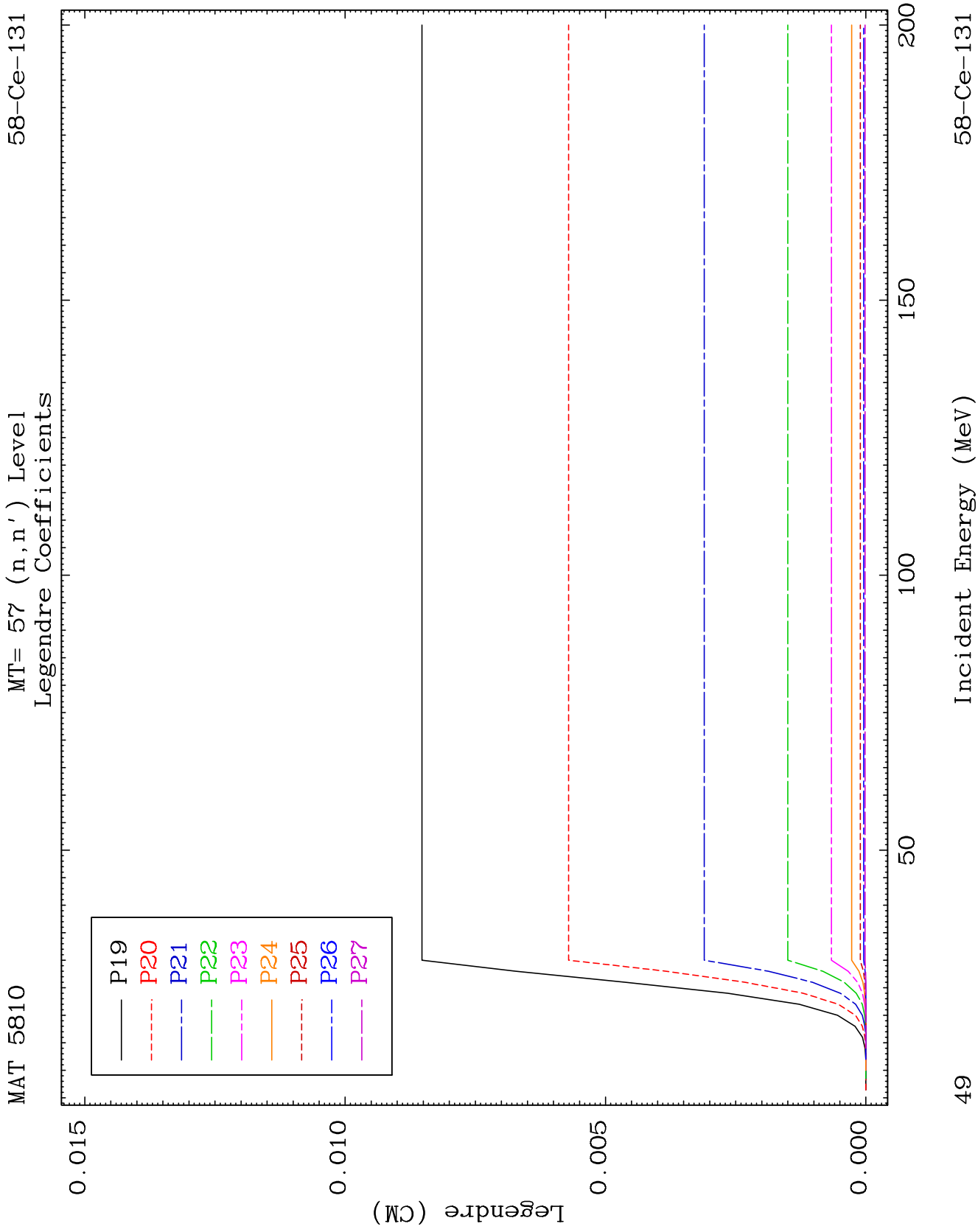
MT= 57 (n, n') Level
Legendre Coefficients

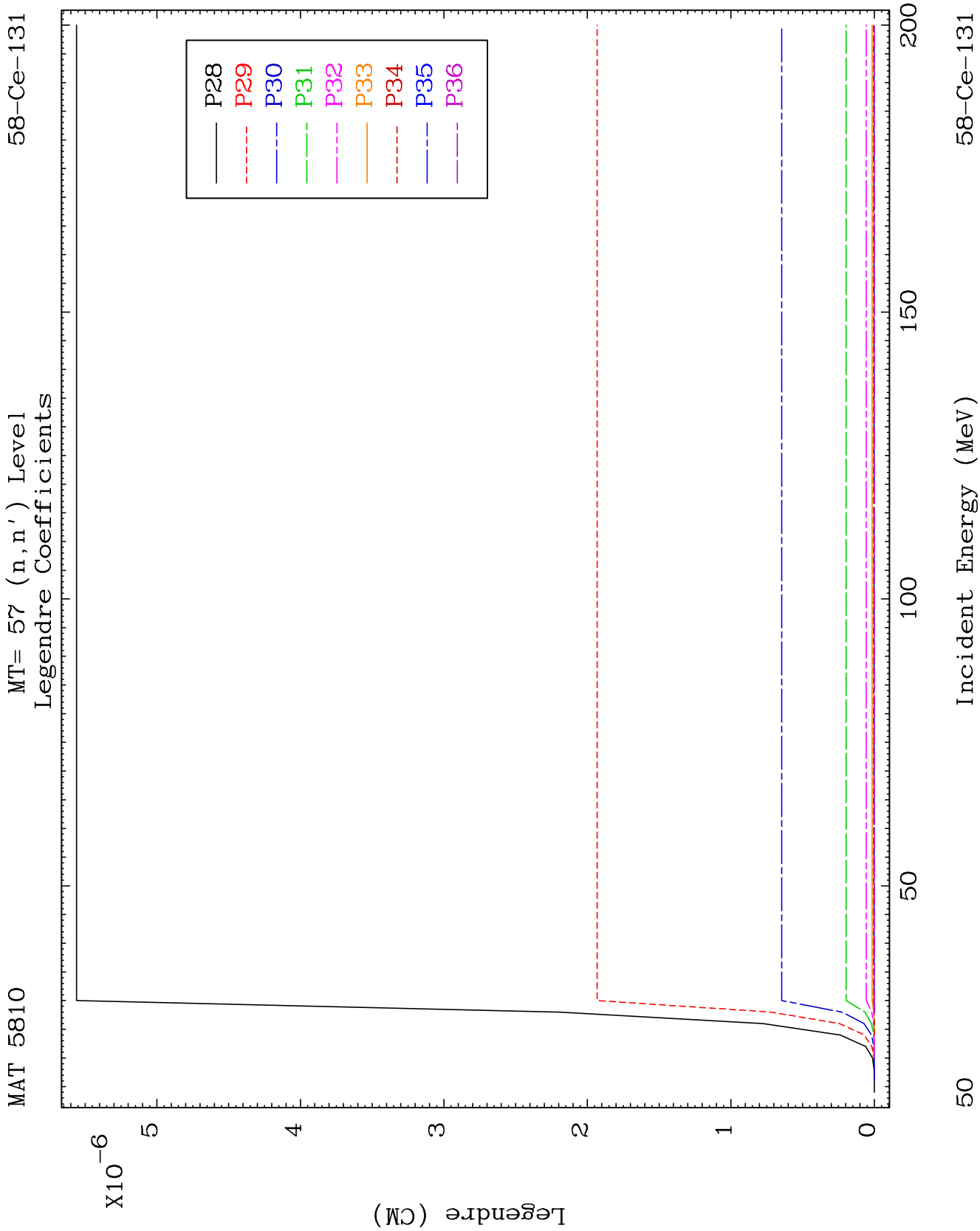
58-Ce-131



58-Ce-131

Incident Energy (MeV)

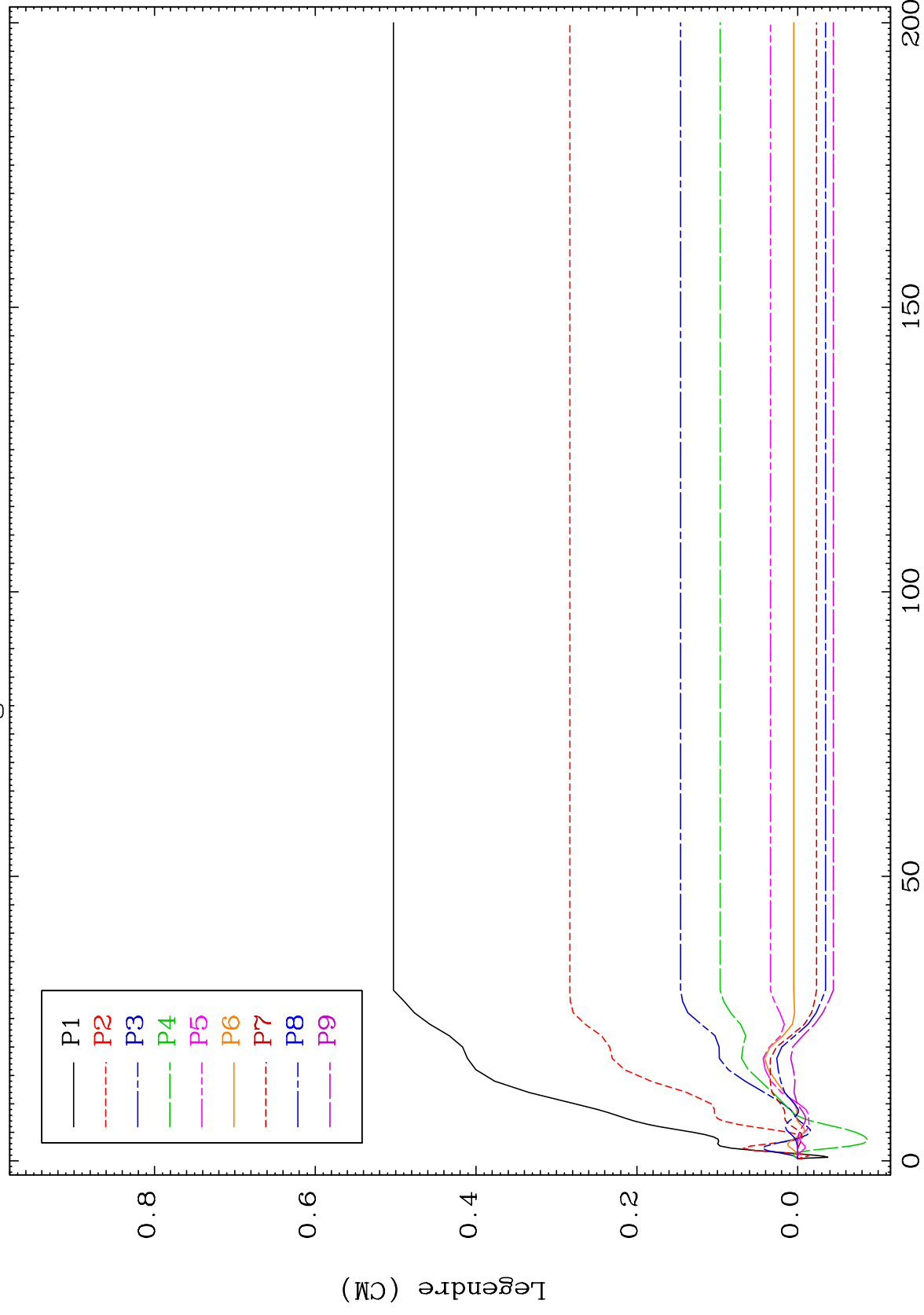




MAT 5810

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

58-Ce-131



51

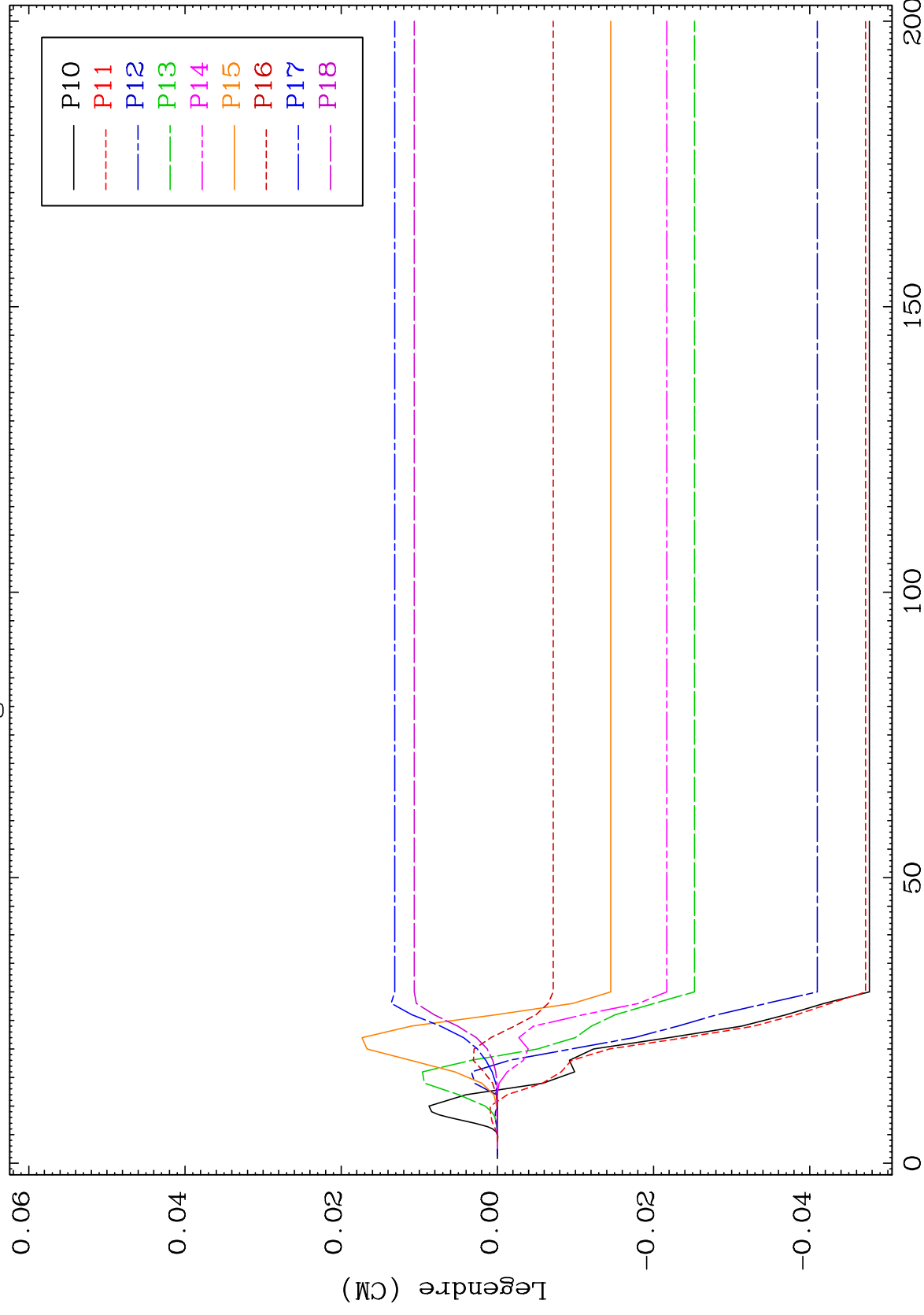
Incident Energy (MeV)

58-Ce-131

MAT 5810

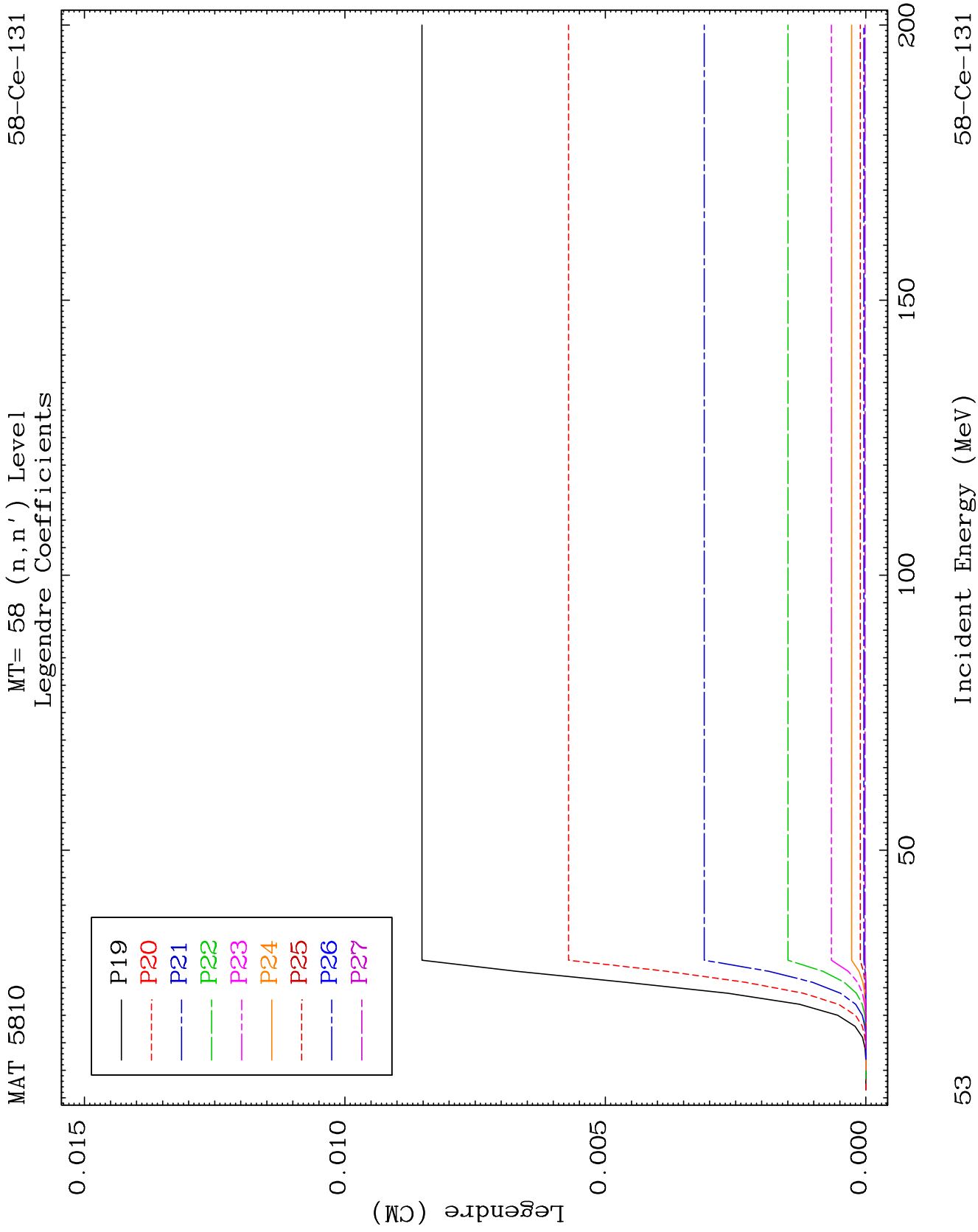
MT= 58 (n, n') Level
Legendre Coefficients

58-Ce-131



58-Ce-131

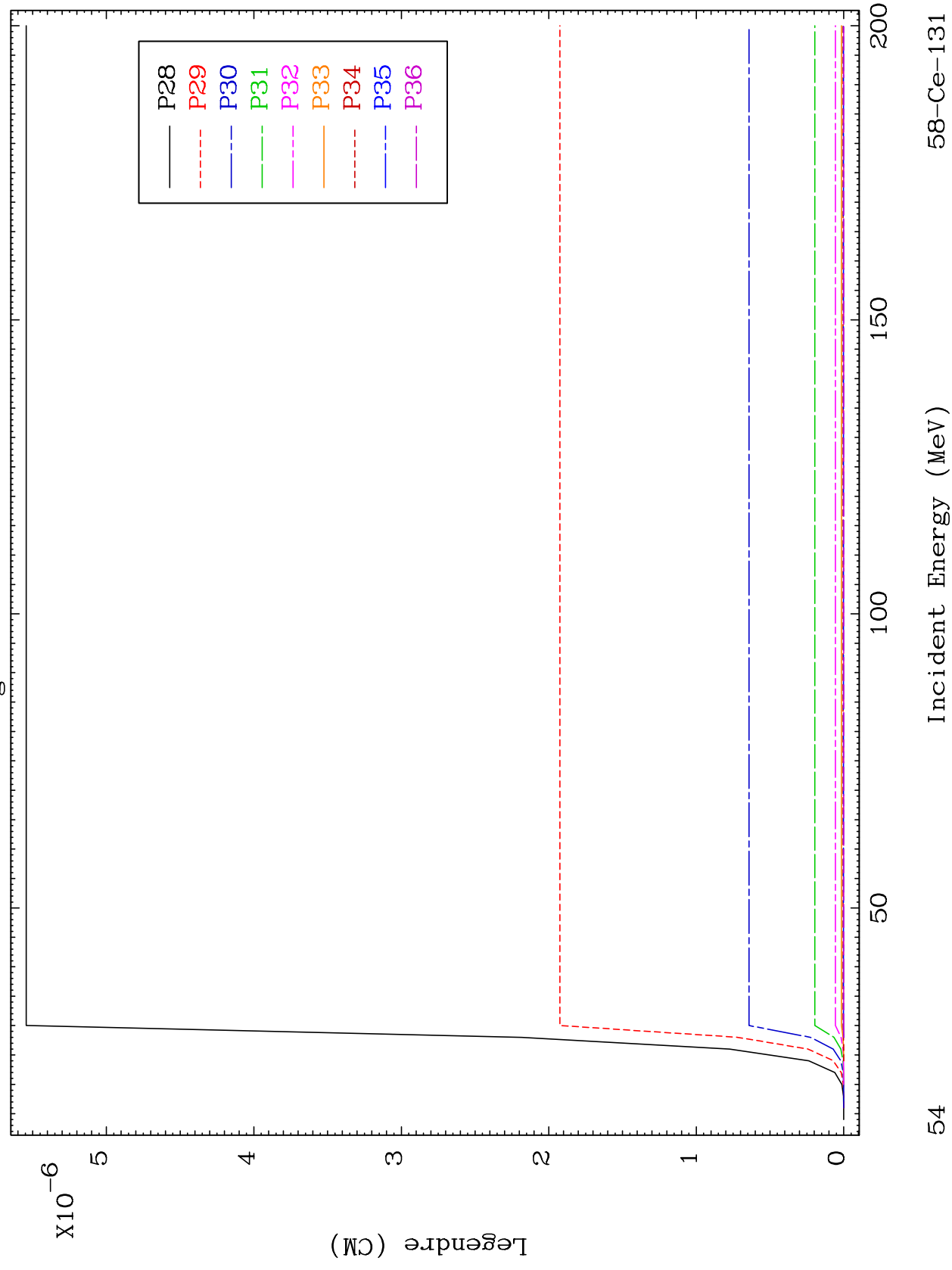
Incident Energy (MeV)



MAT 5810

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

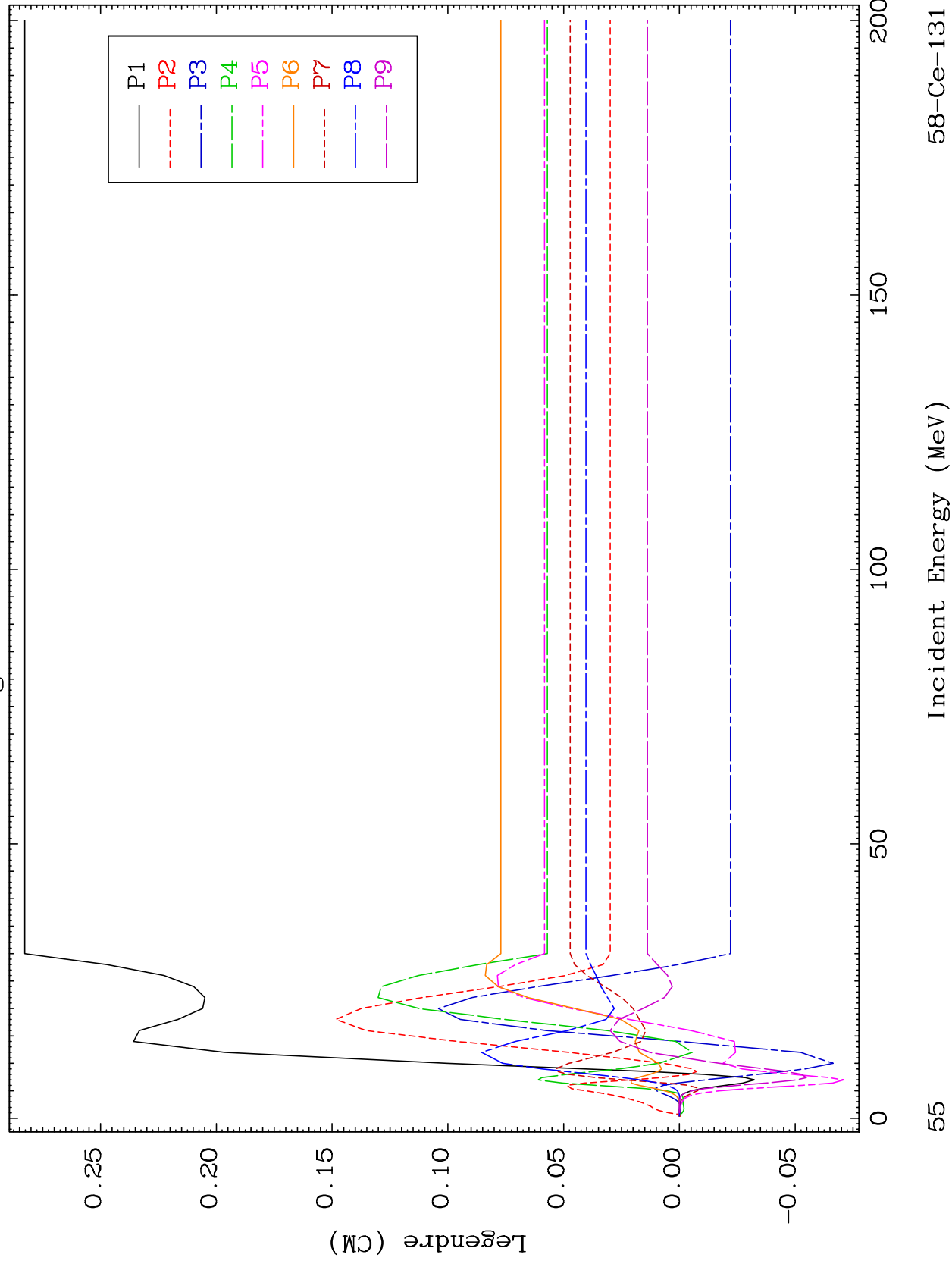
58-Ce-131

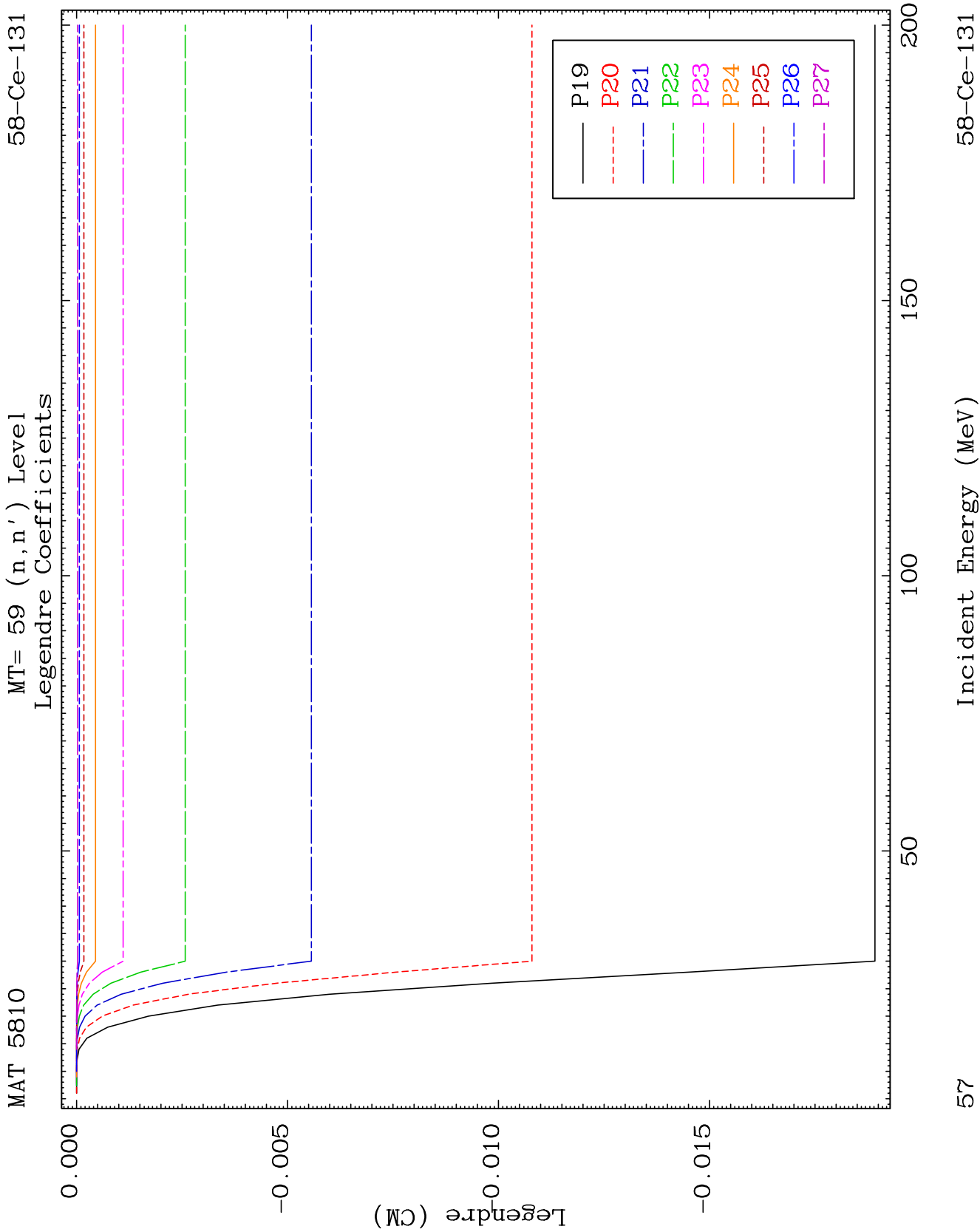


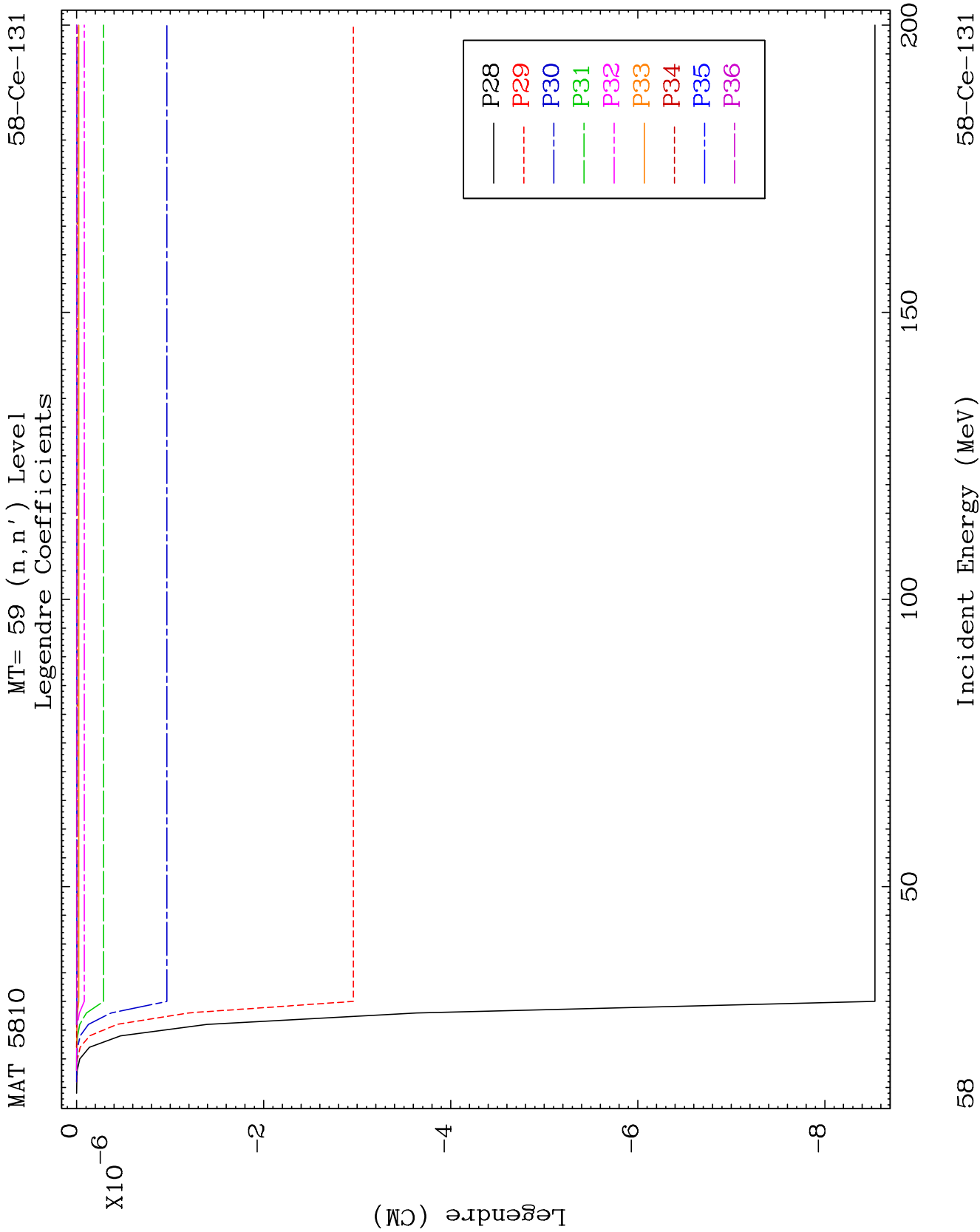
MAT 5810

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

58-Ce-131



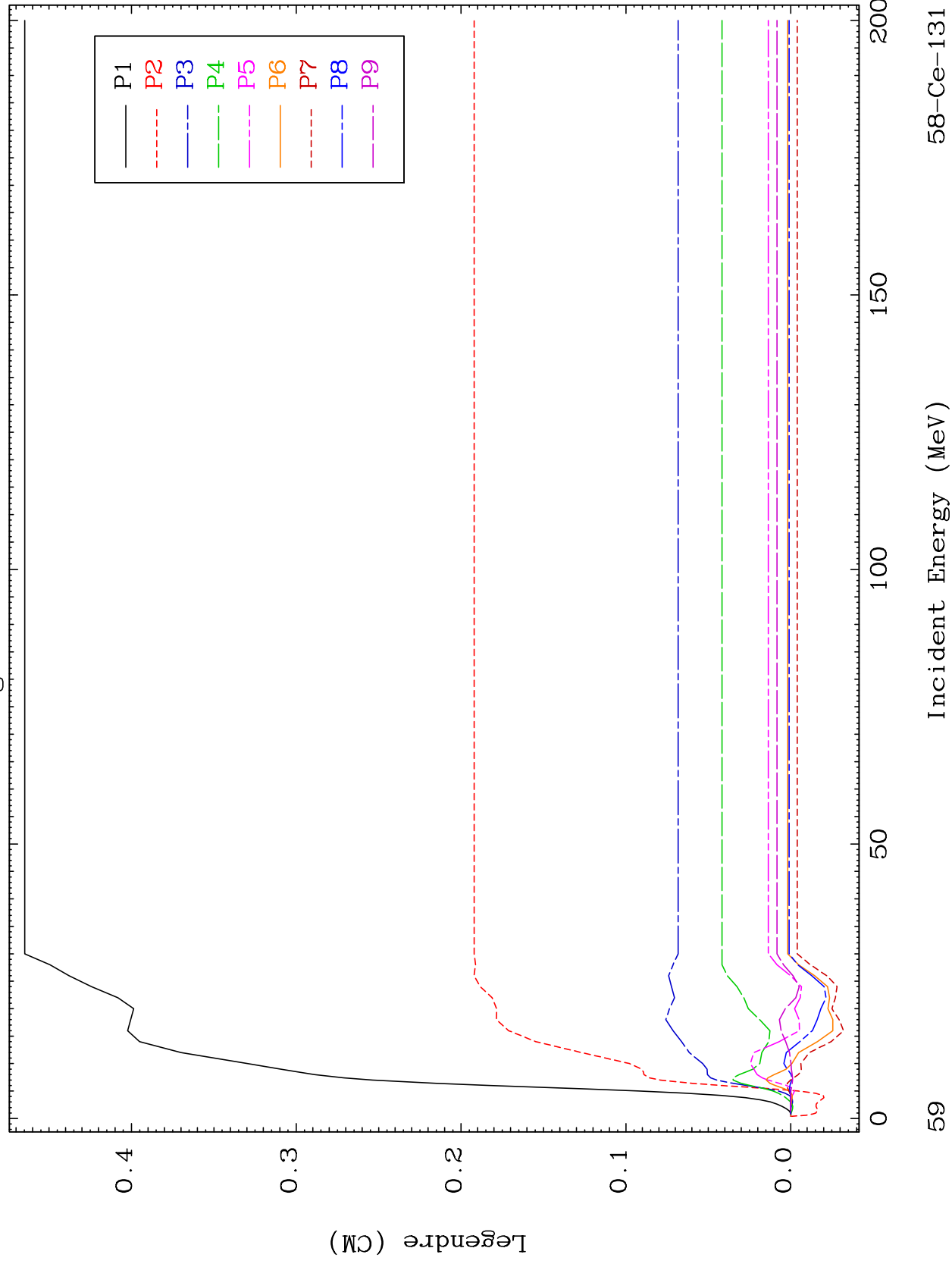


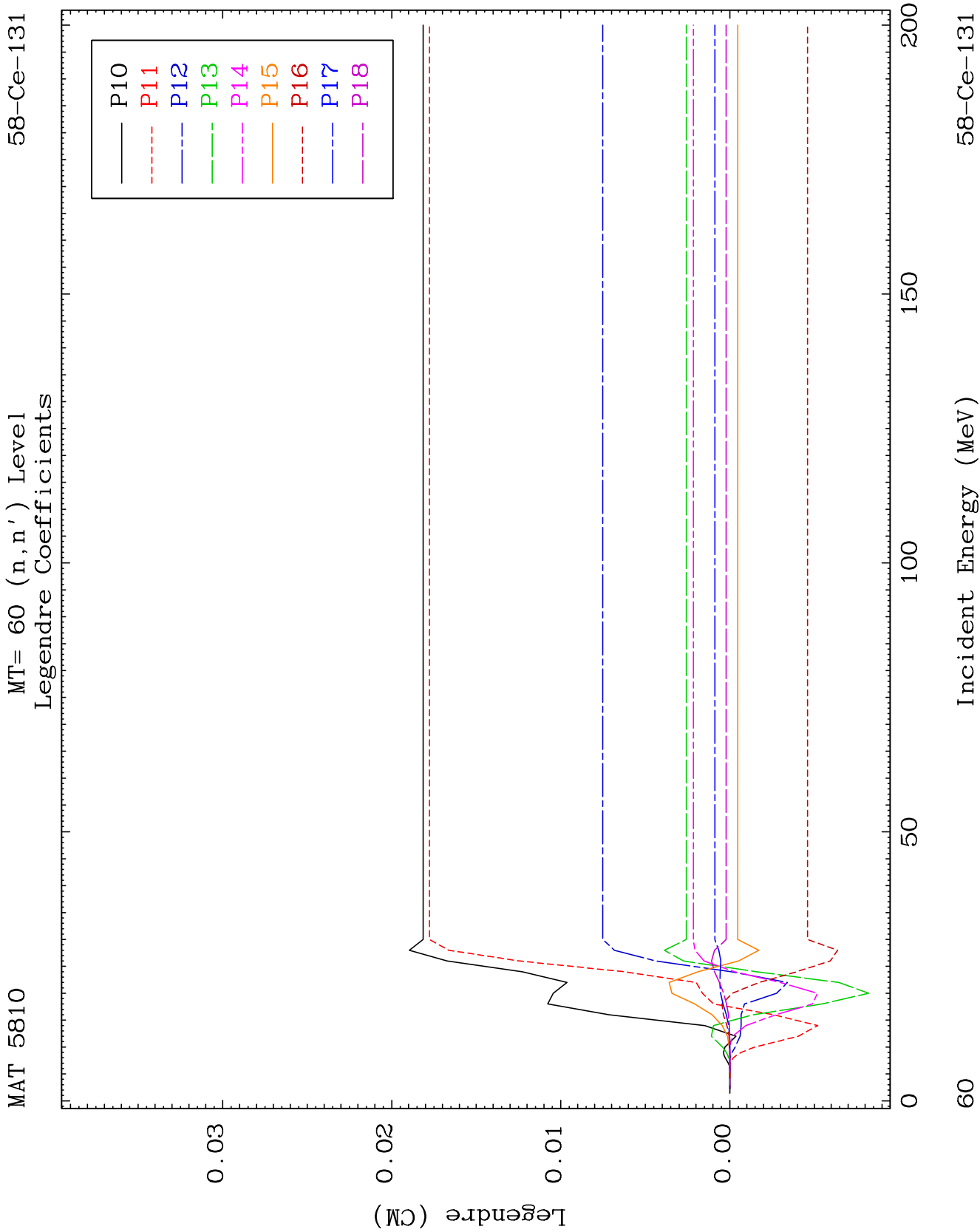


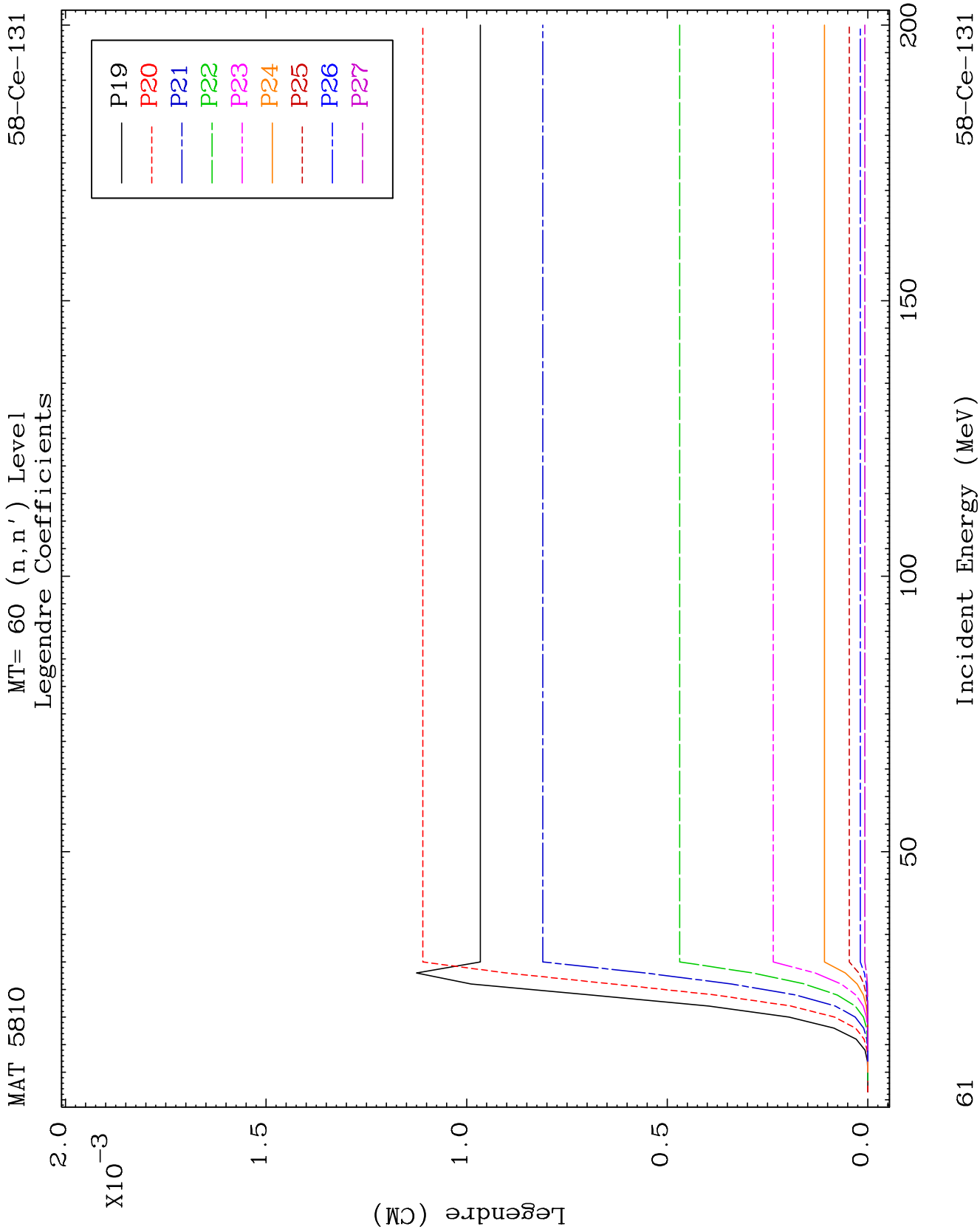
MAT 5810

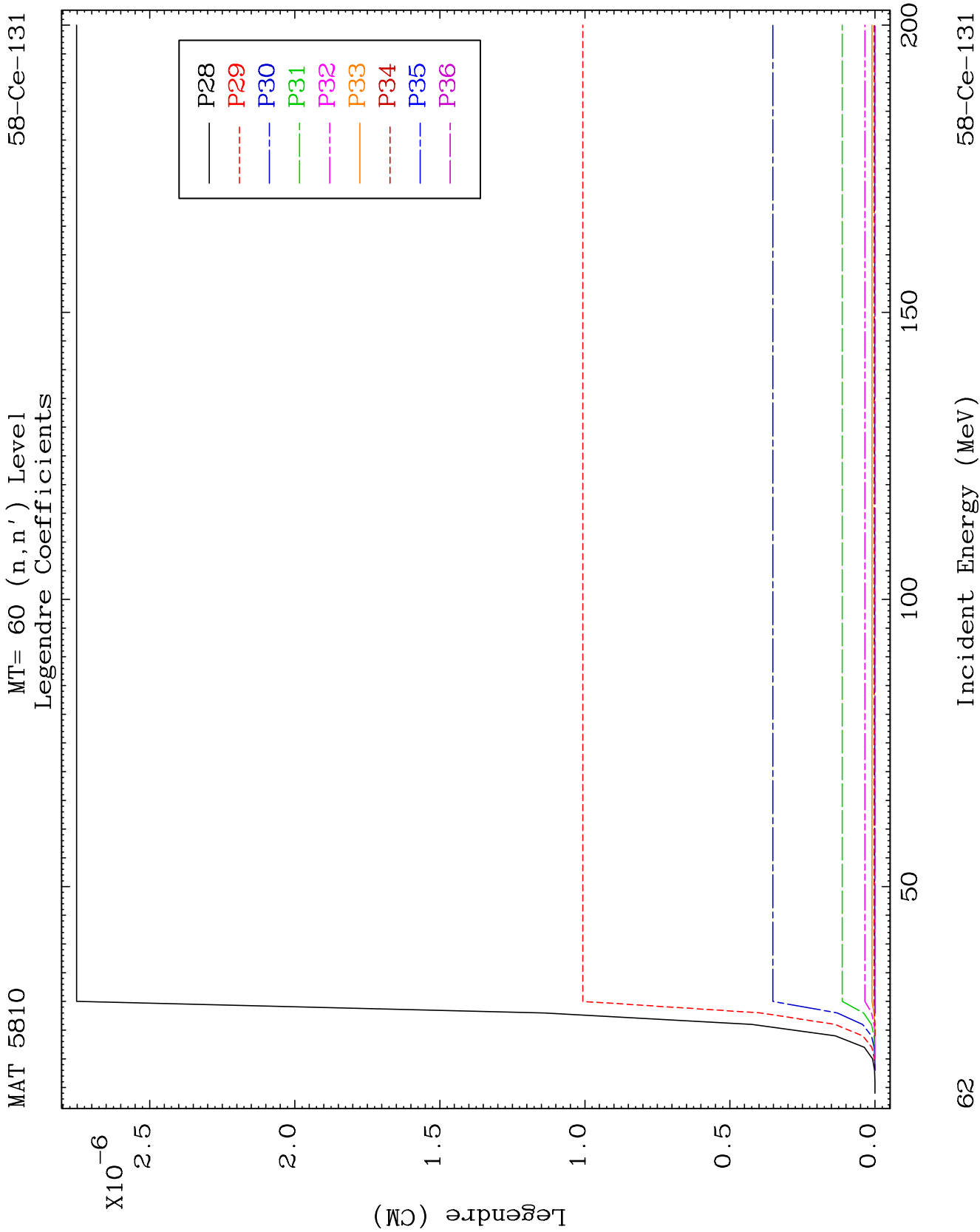
MT= 60 (n, n') Level
Legendre Coefficients

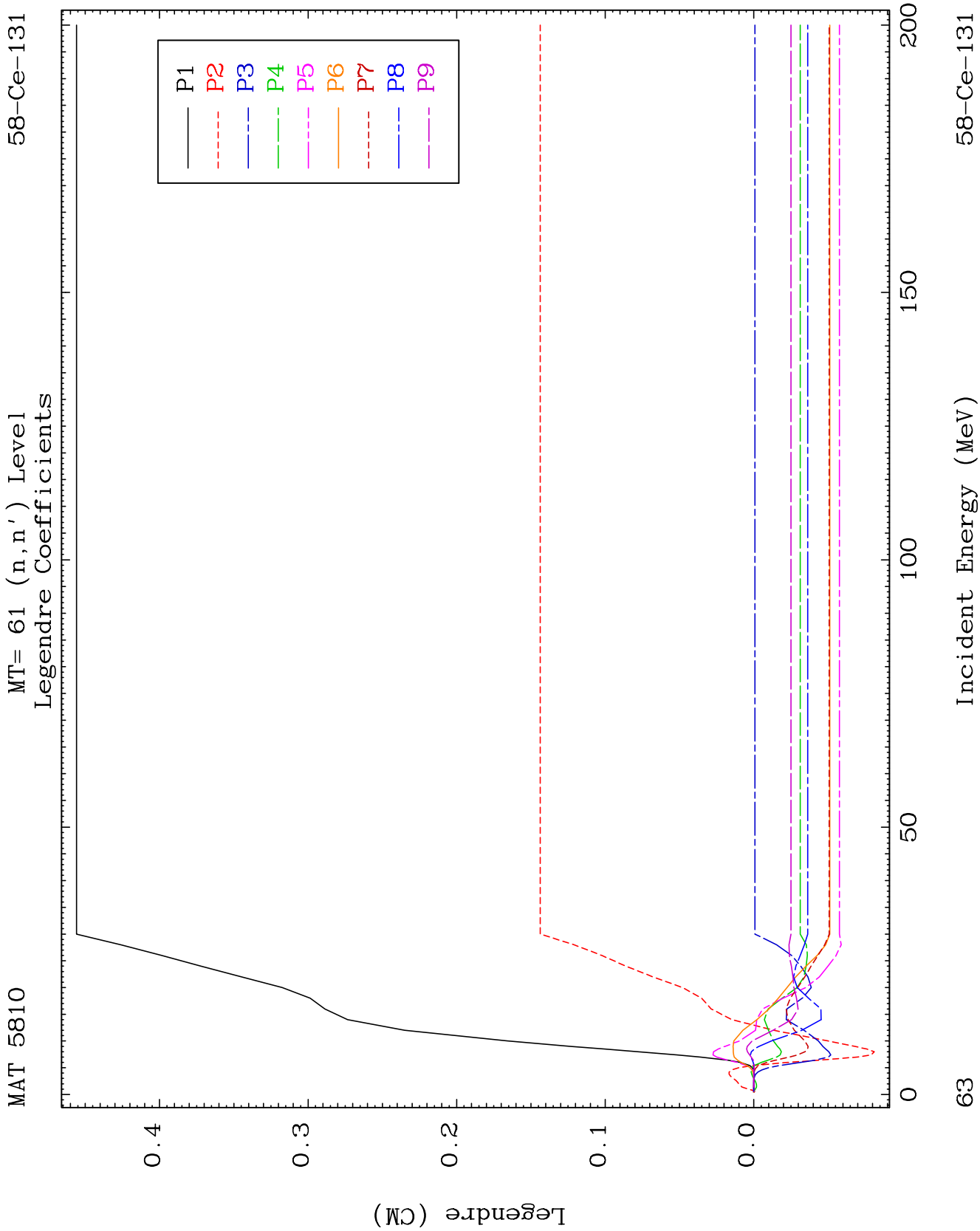
58-Ce-131

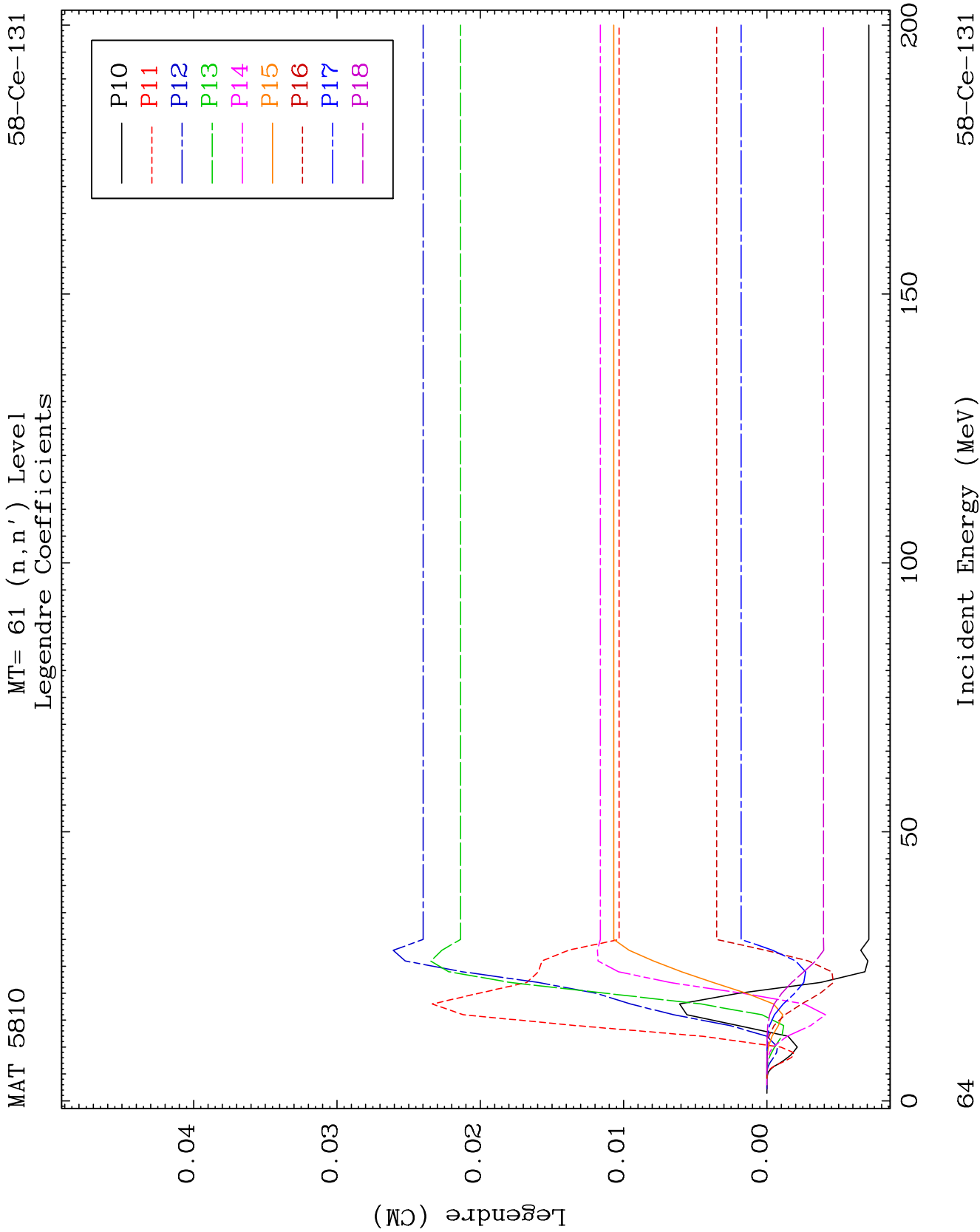


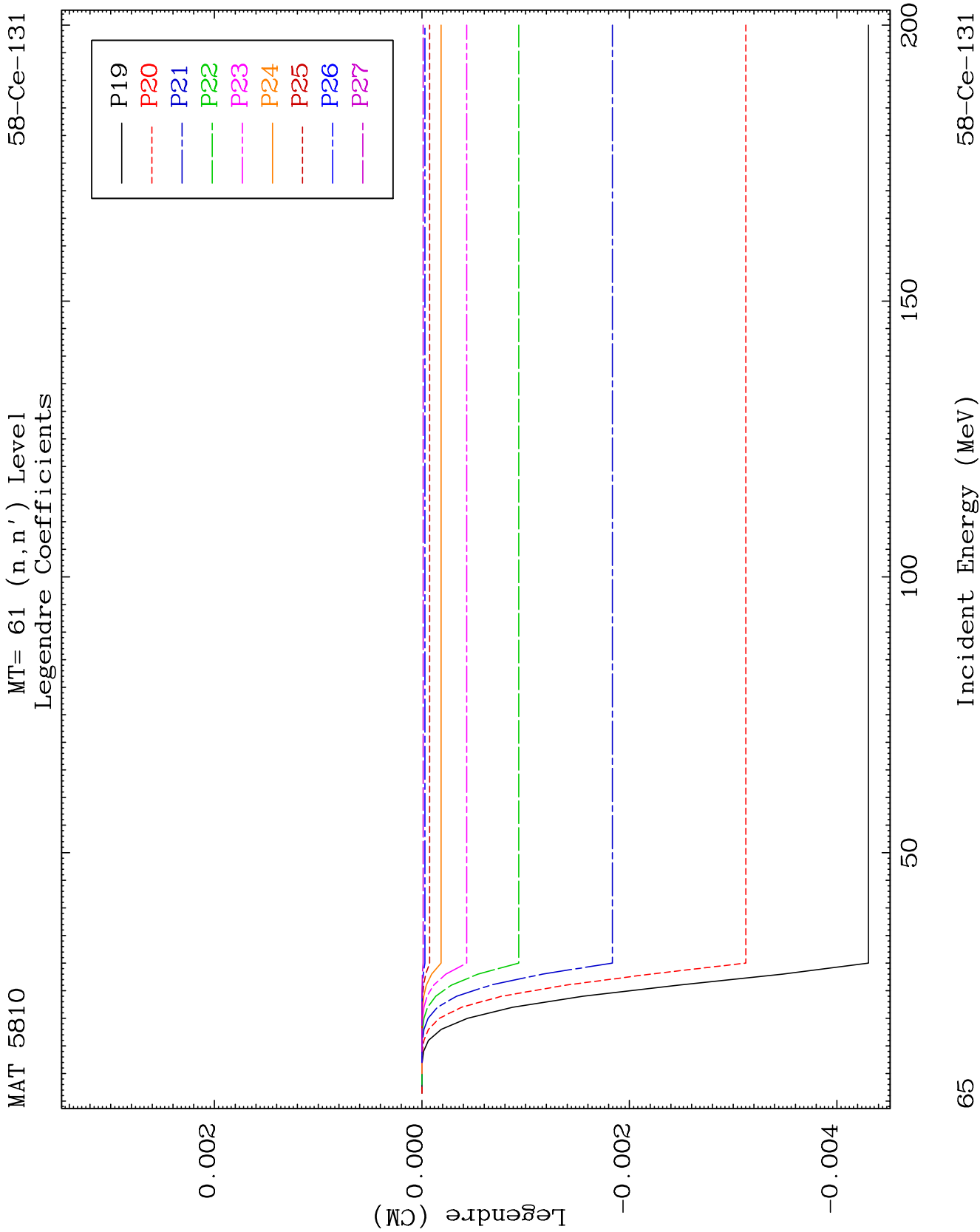


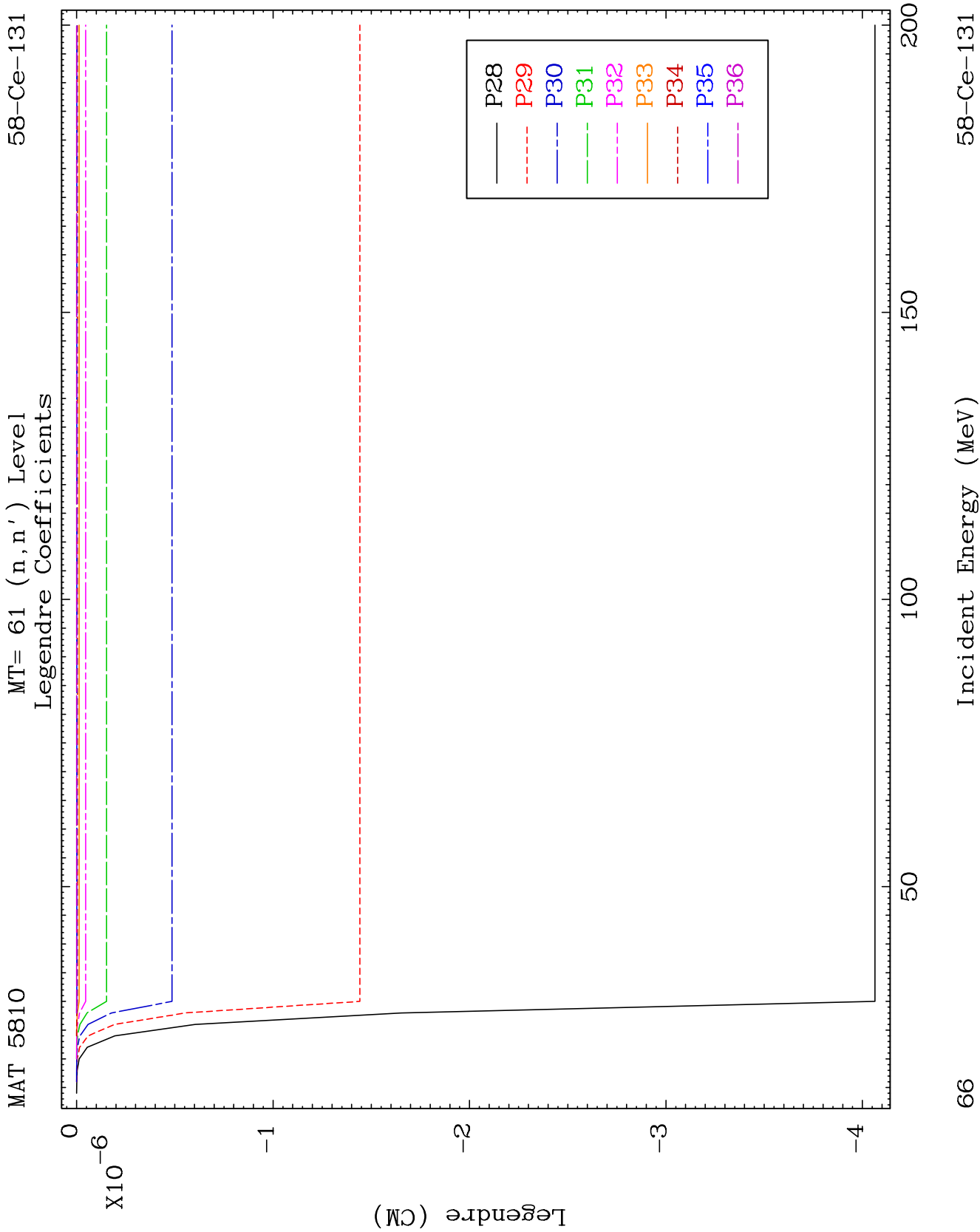








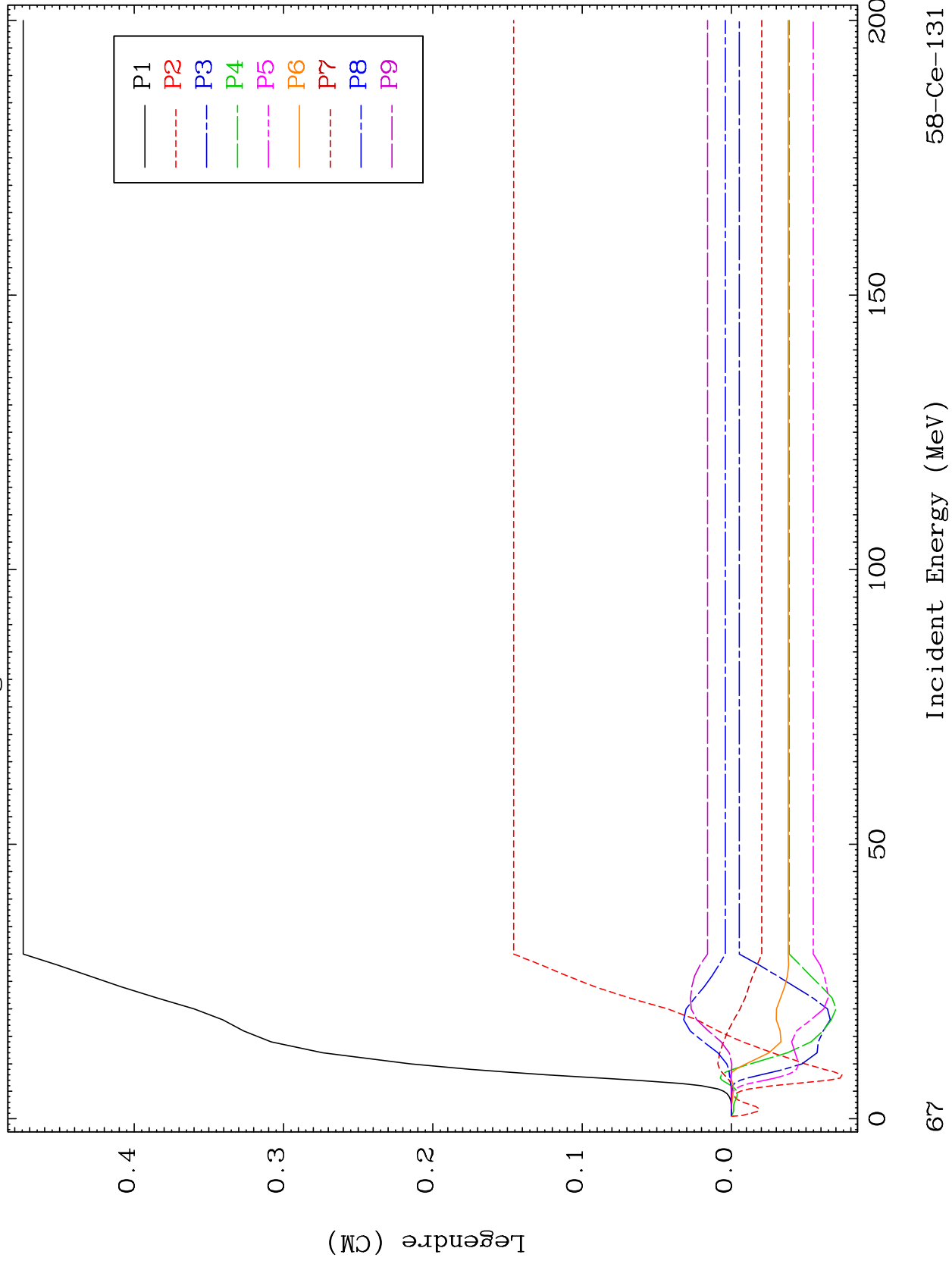




MAT 5810

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

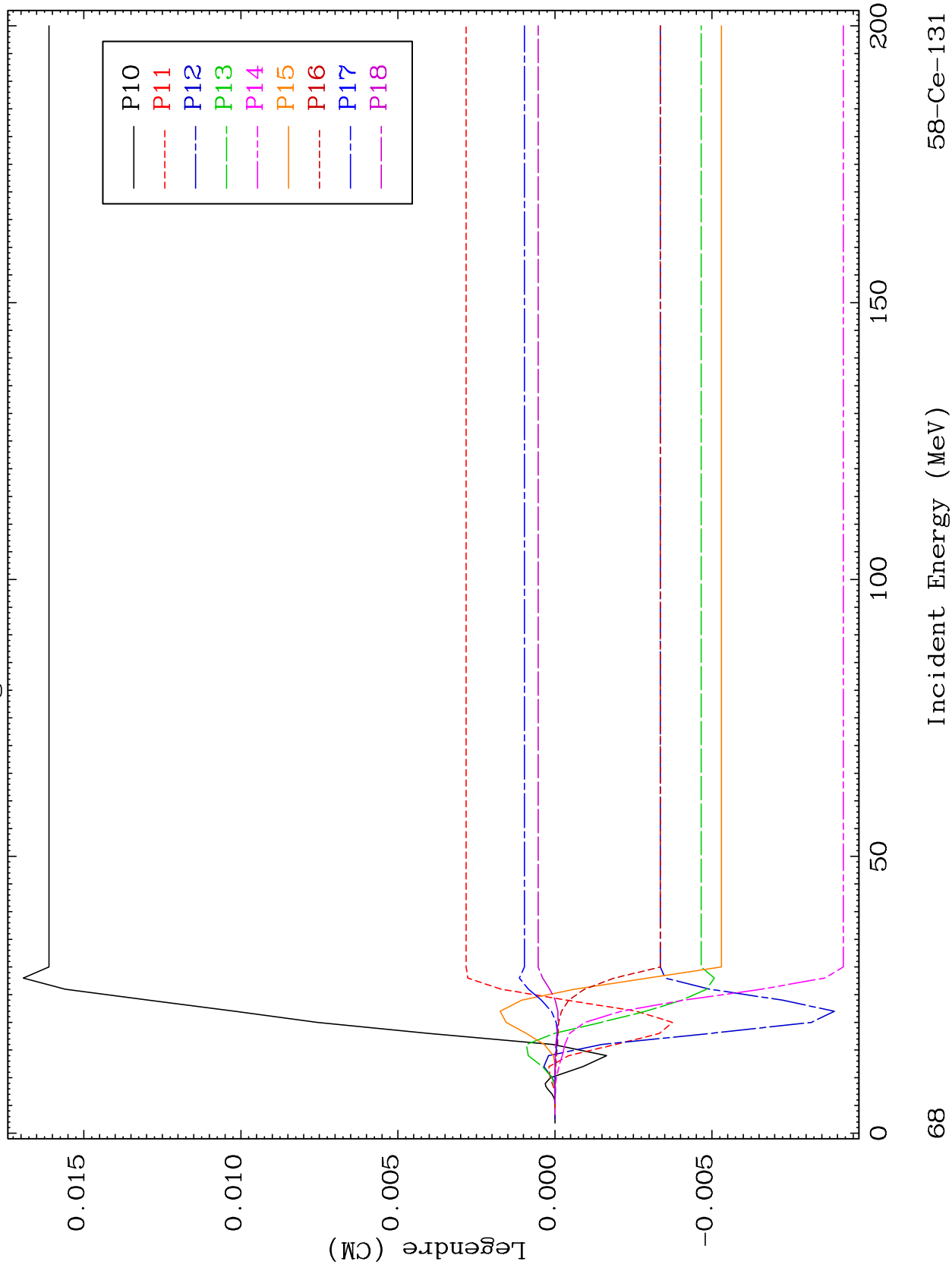
58-Ce-131



MAT 5810

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

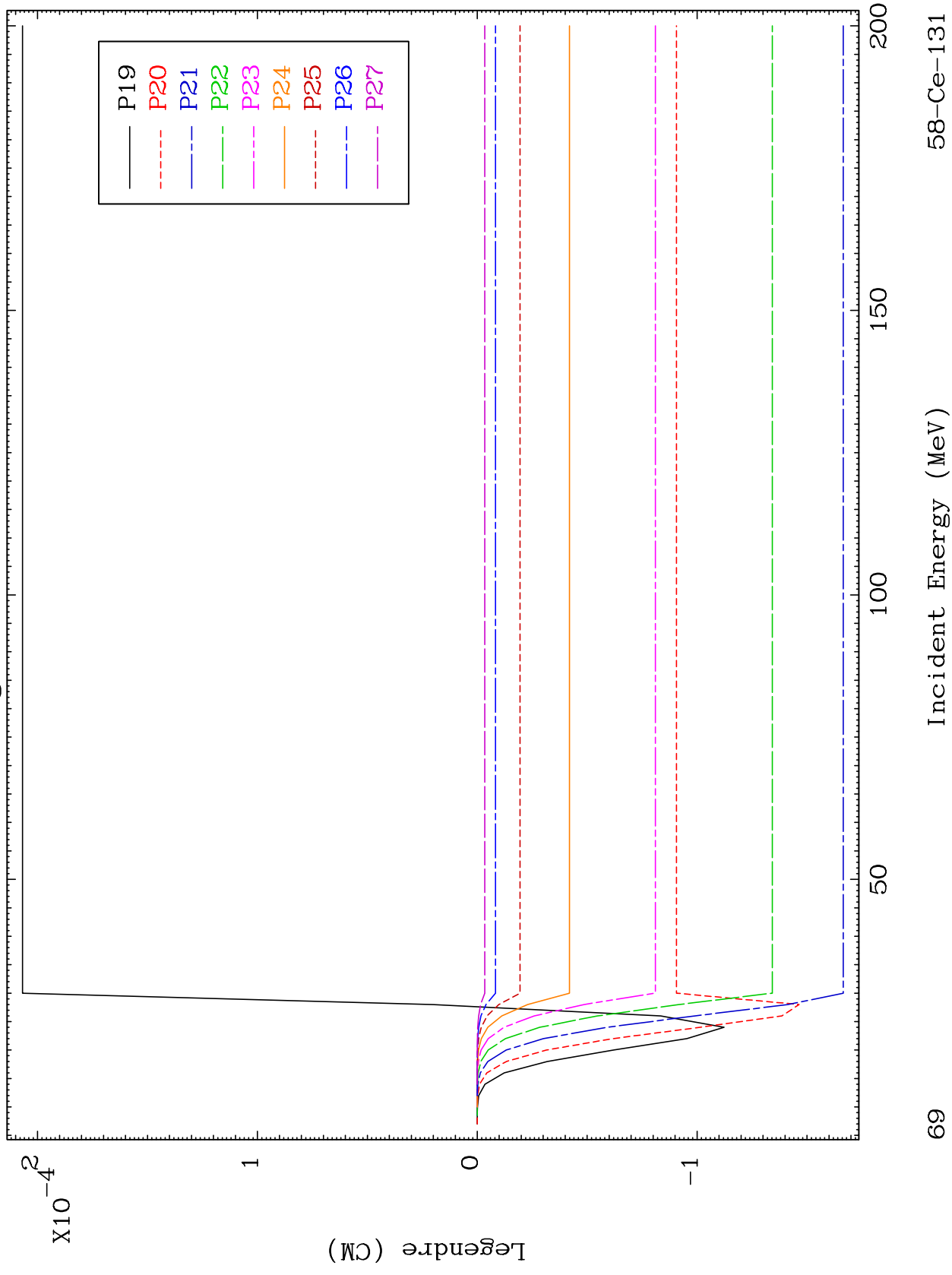
58-Ce-131

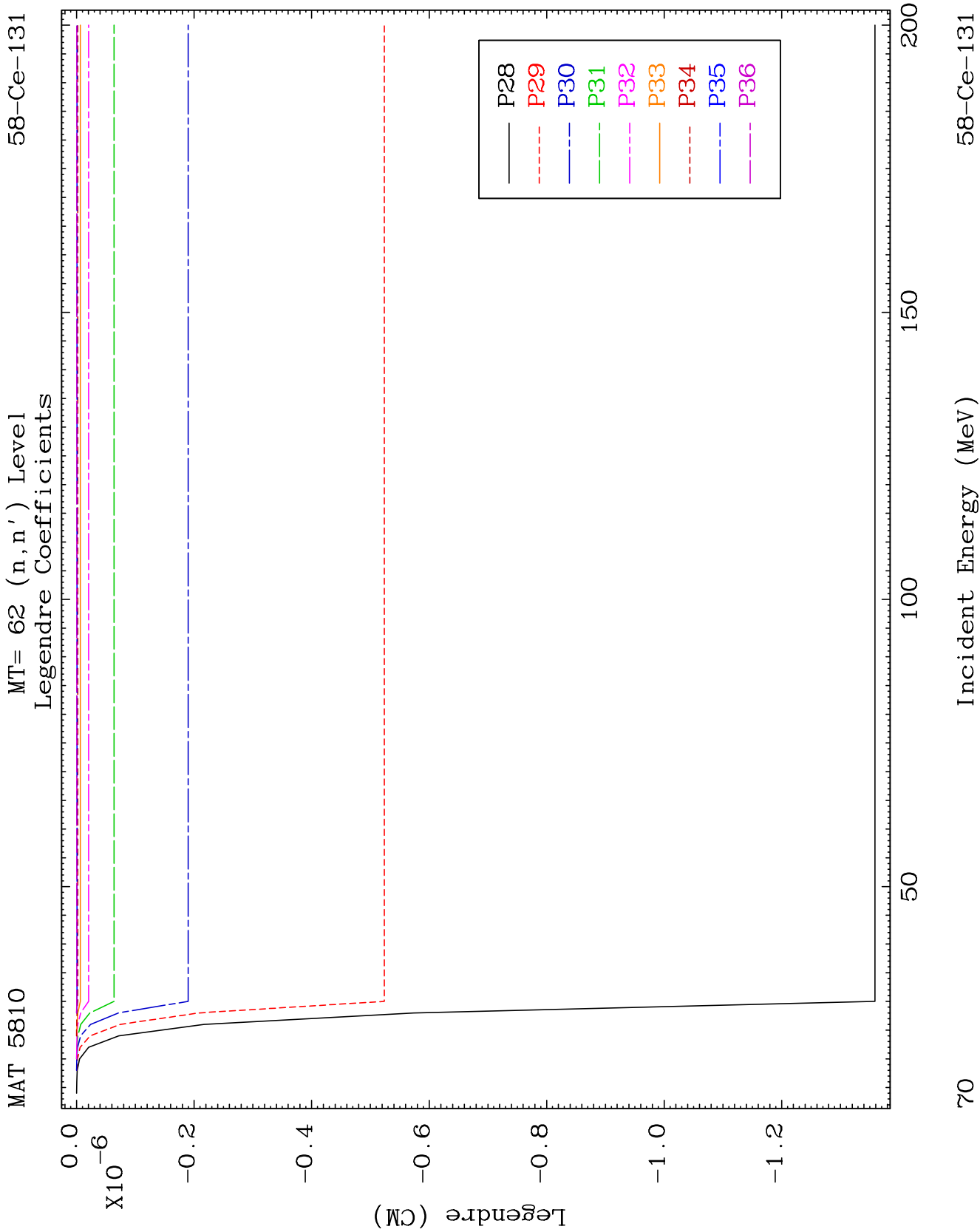


MAT 5810

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

58-Ce-131

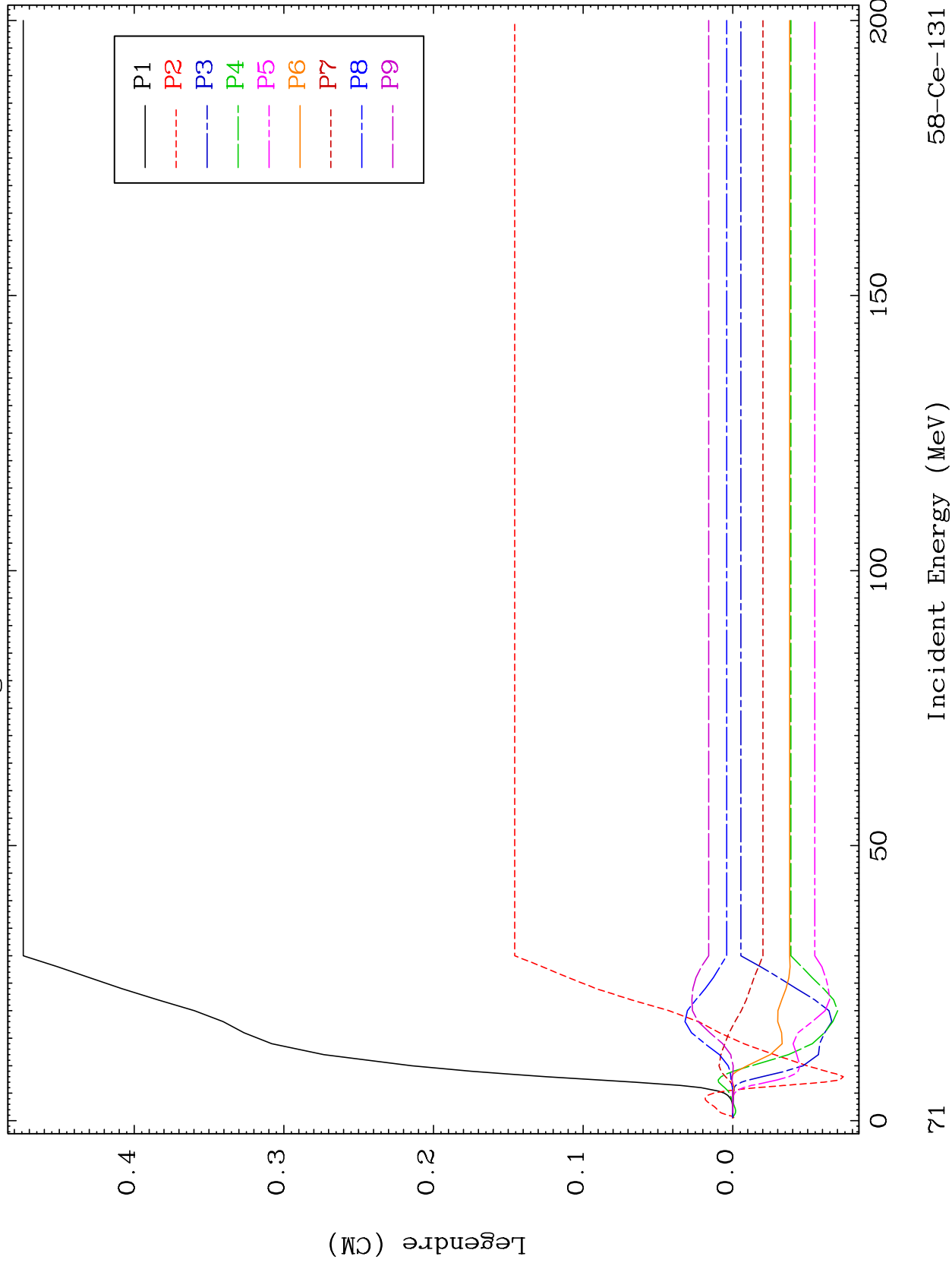




MAT 5810

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

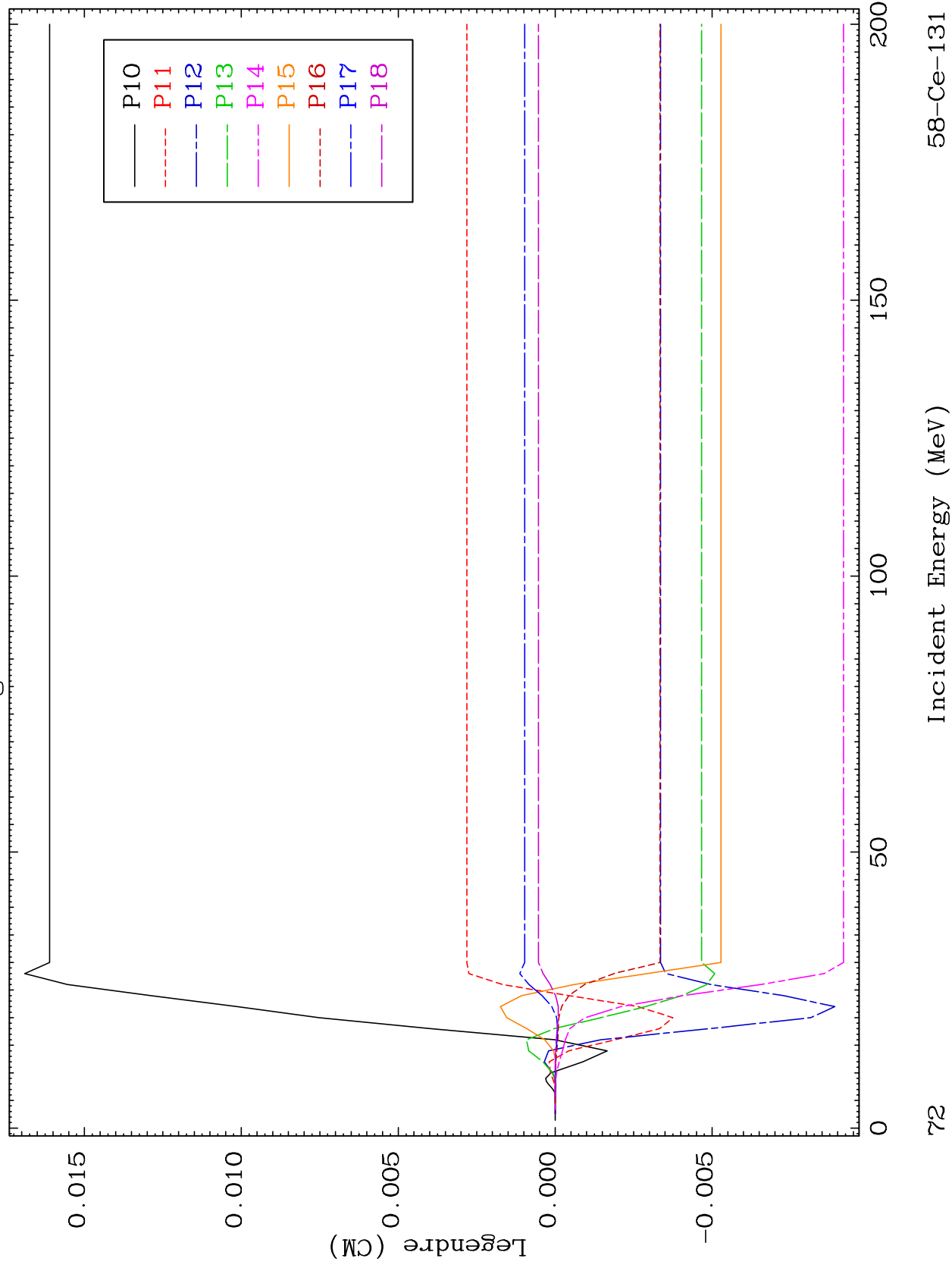
58-Ce-131

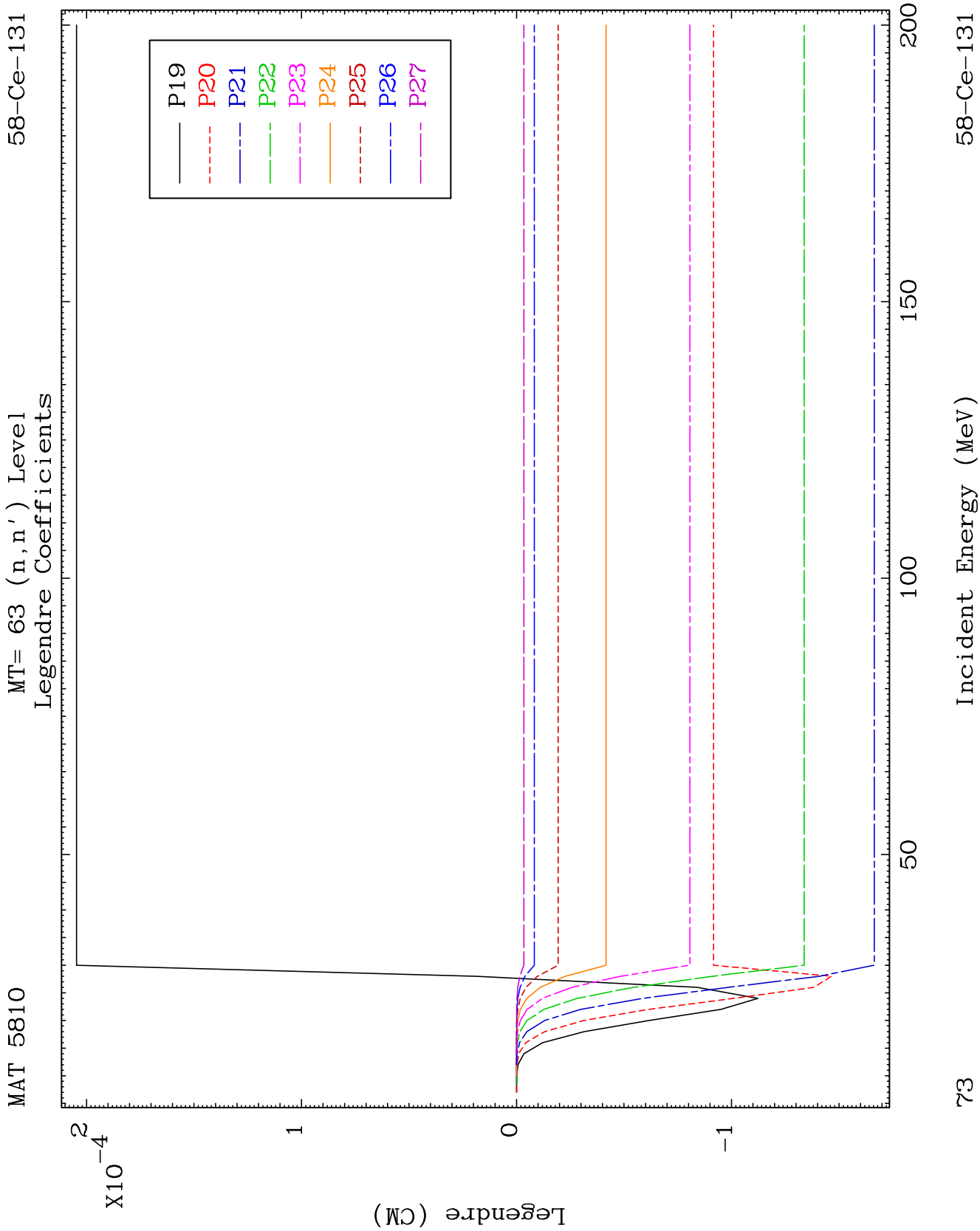


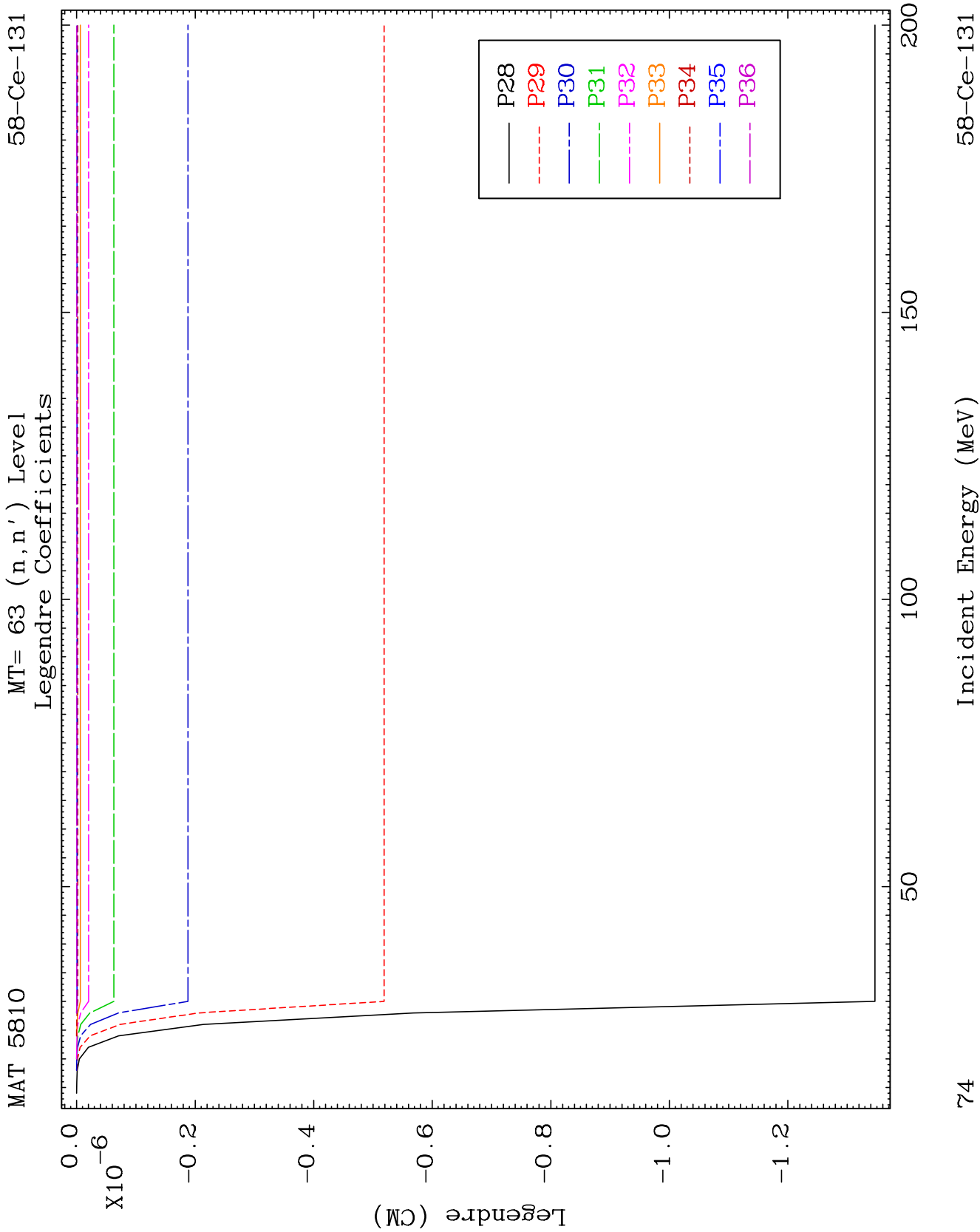
MAT 5810

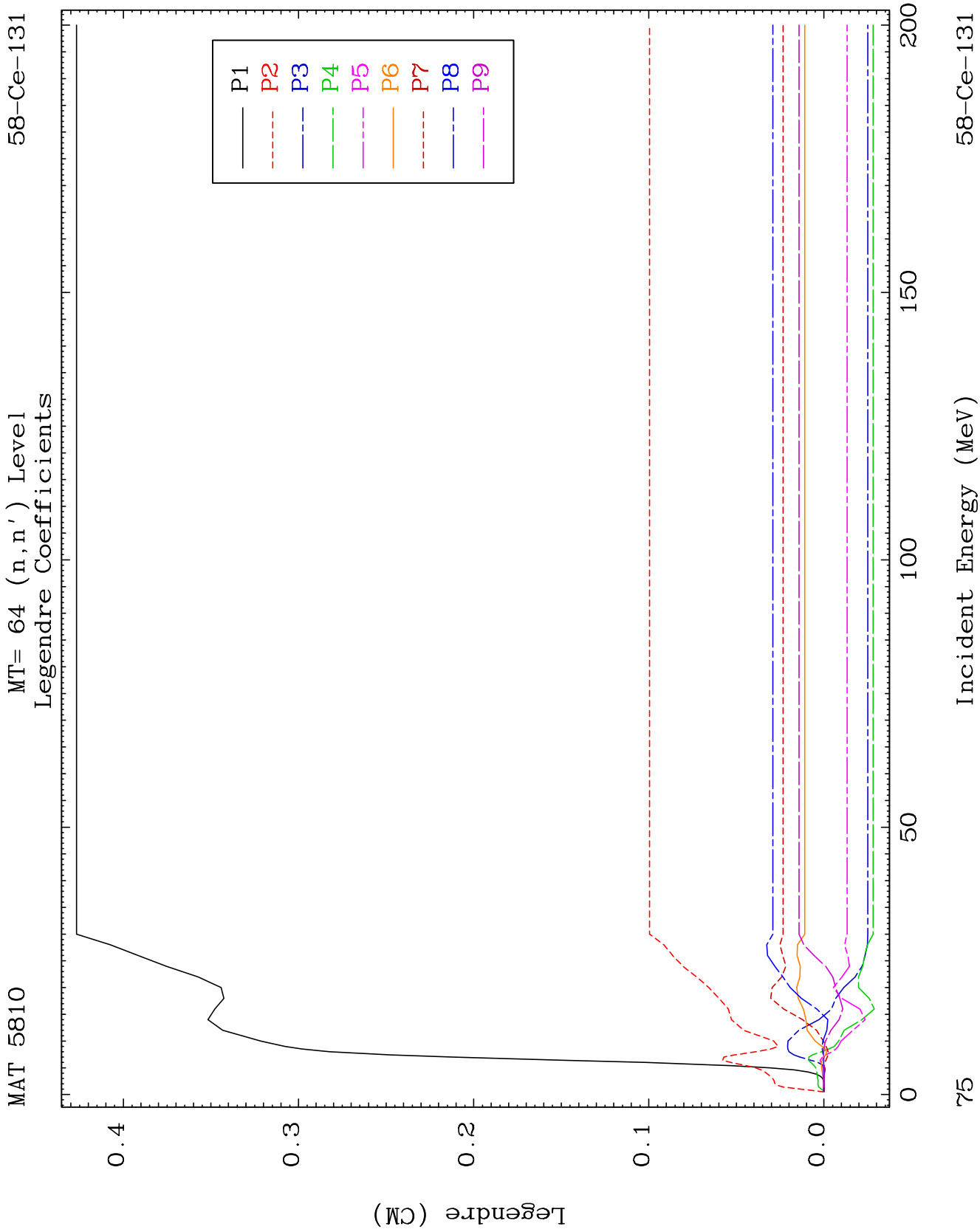
MT= 63 (n, n') Level
Legendre Coefficients

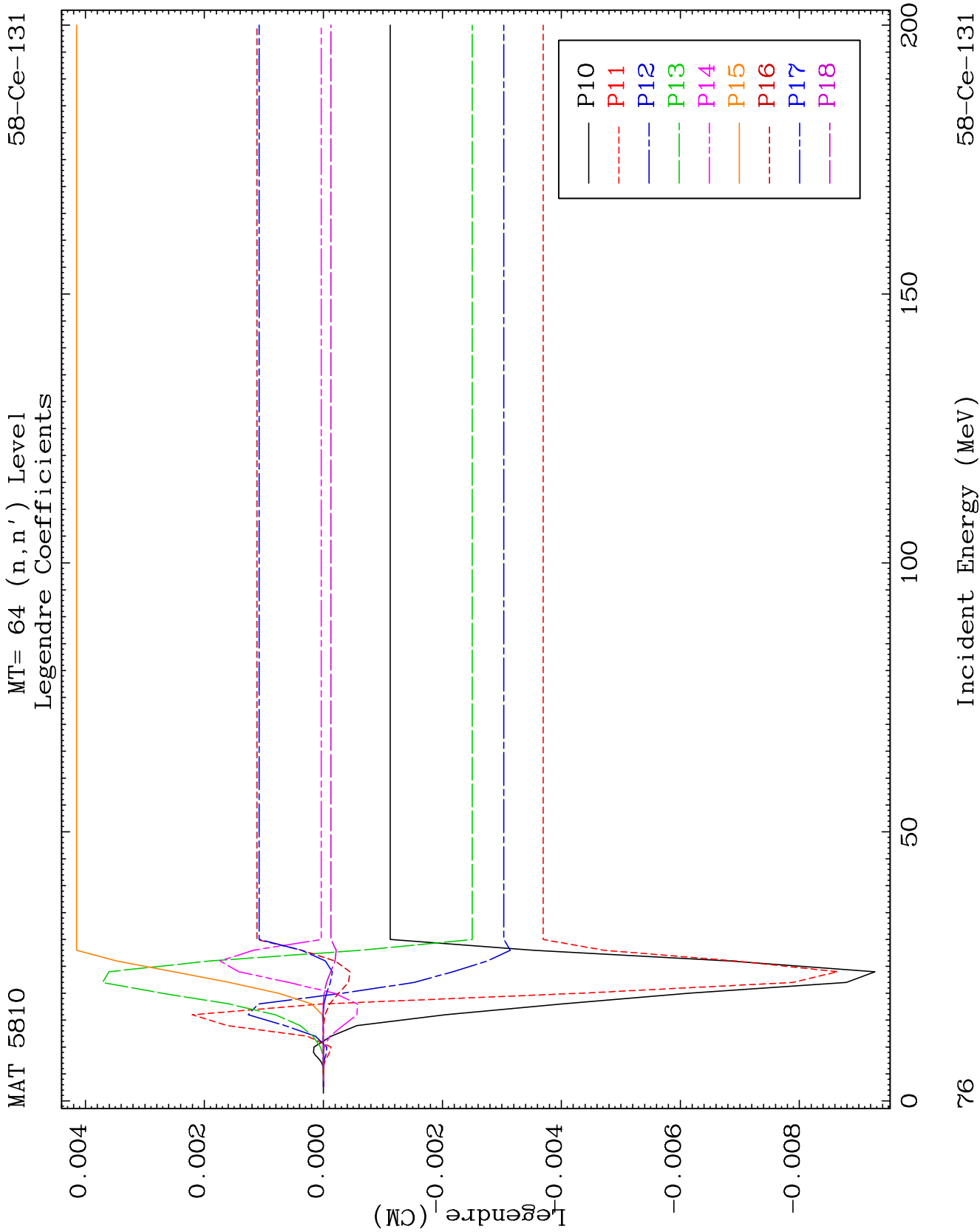
58-Ce-131

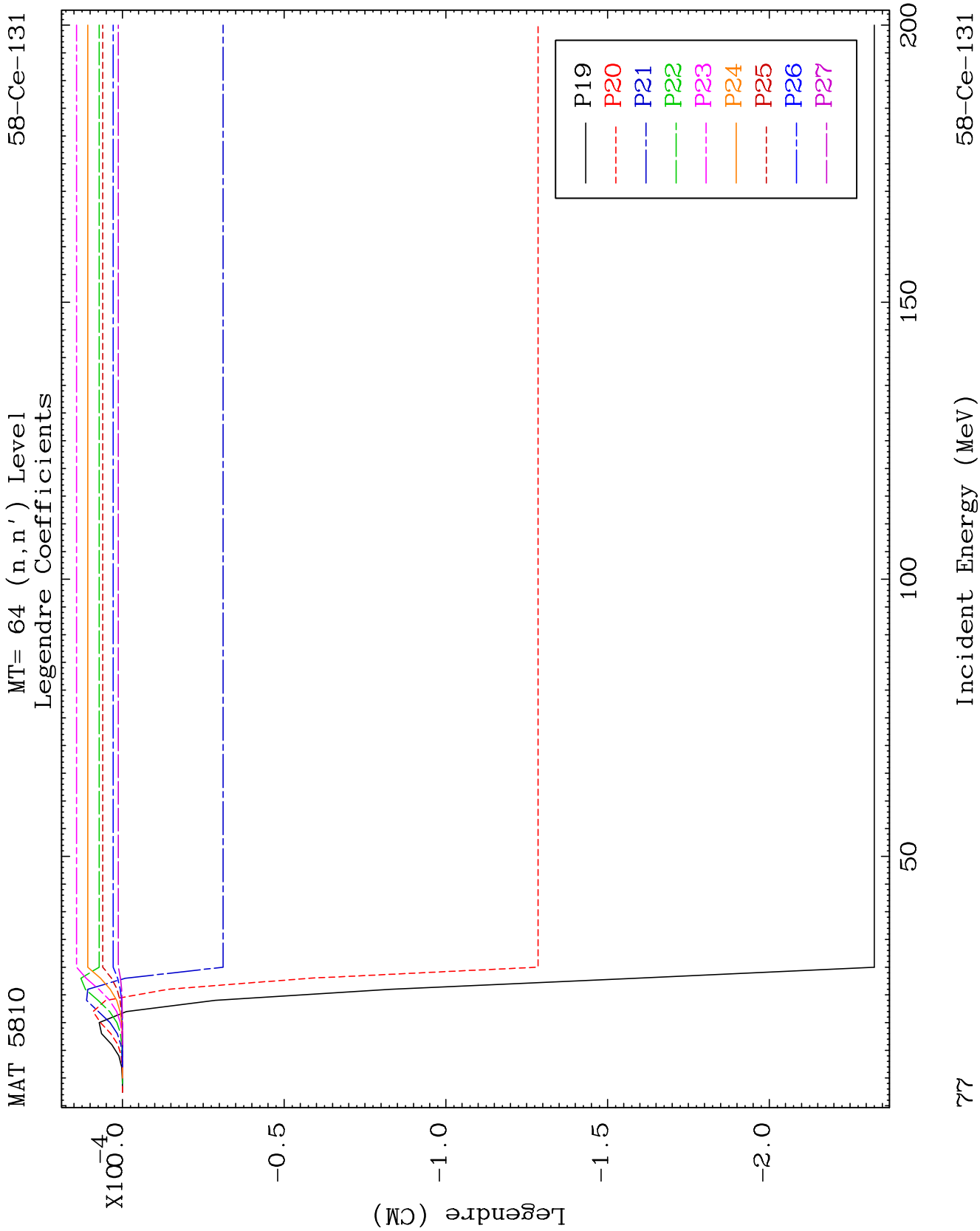


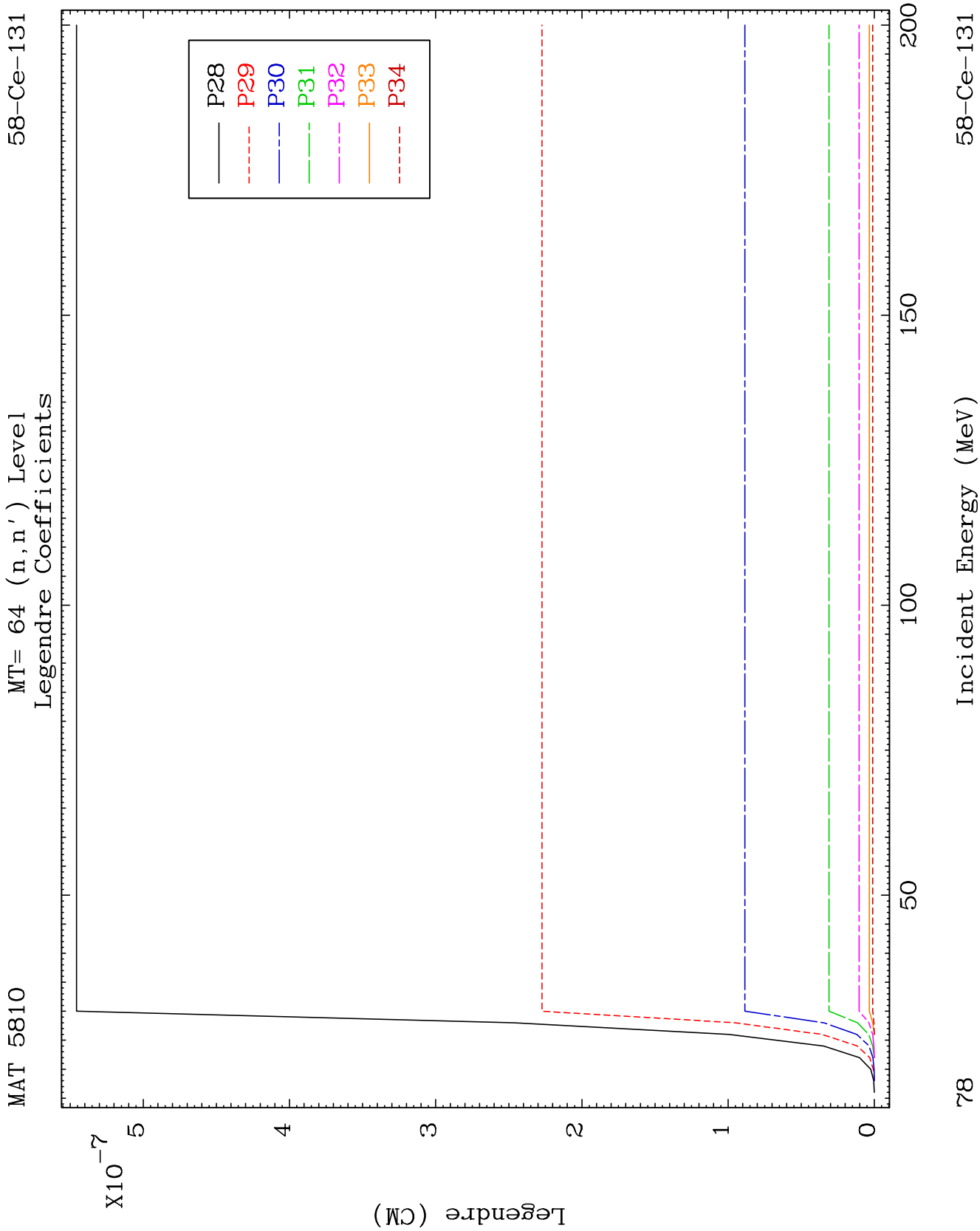








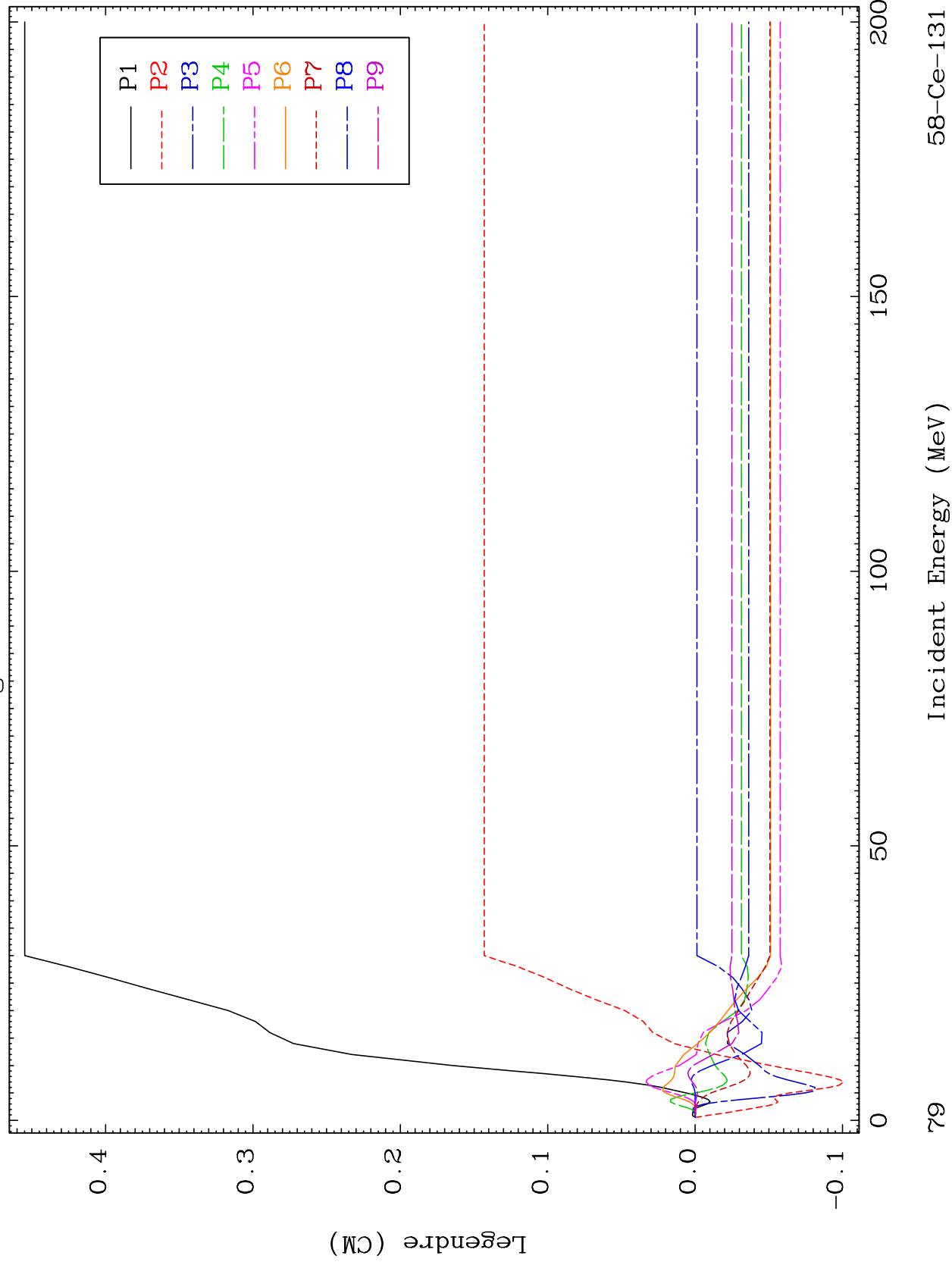




MAT 5810

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

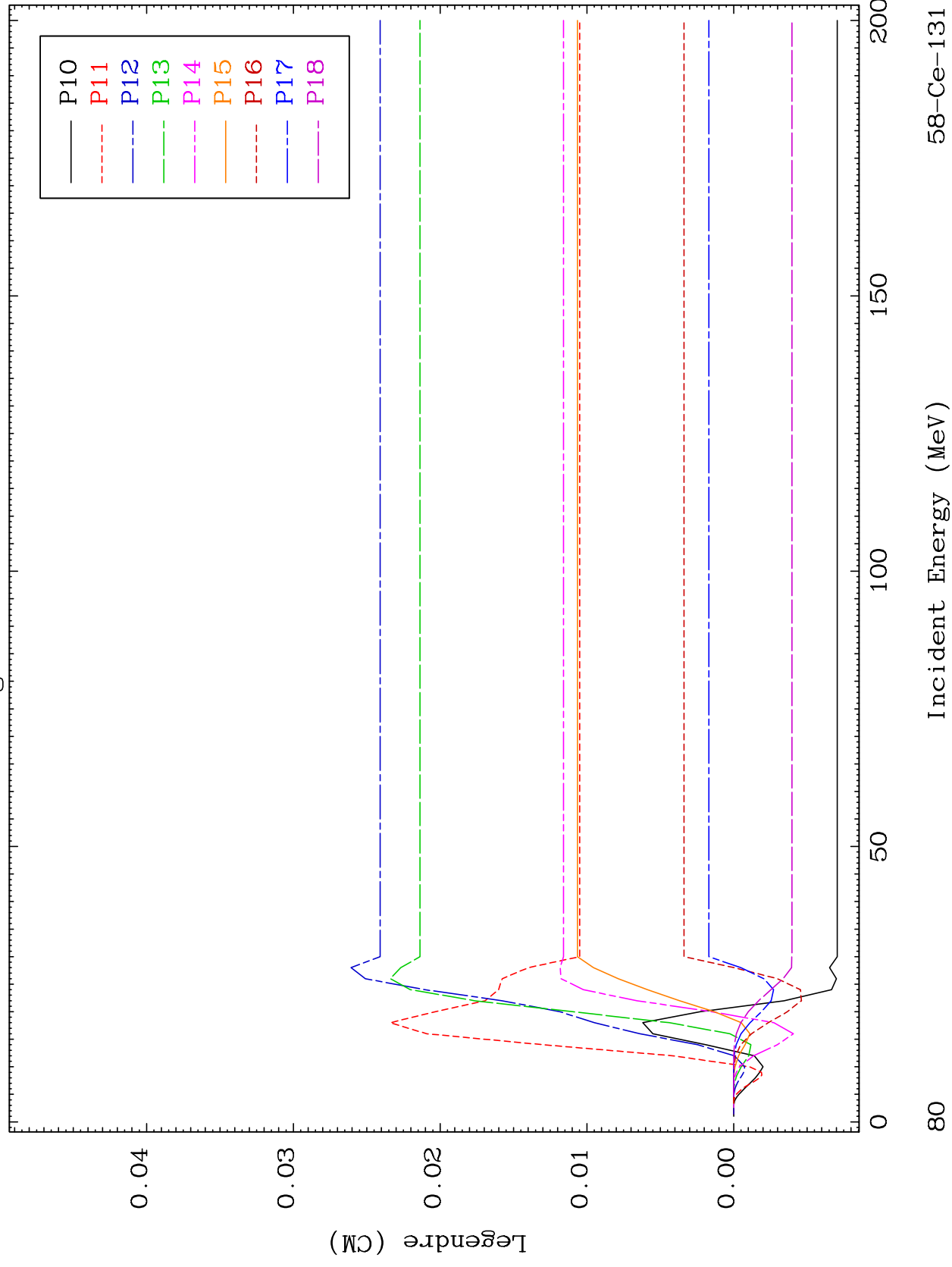
58-Ce-131

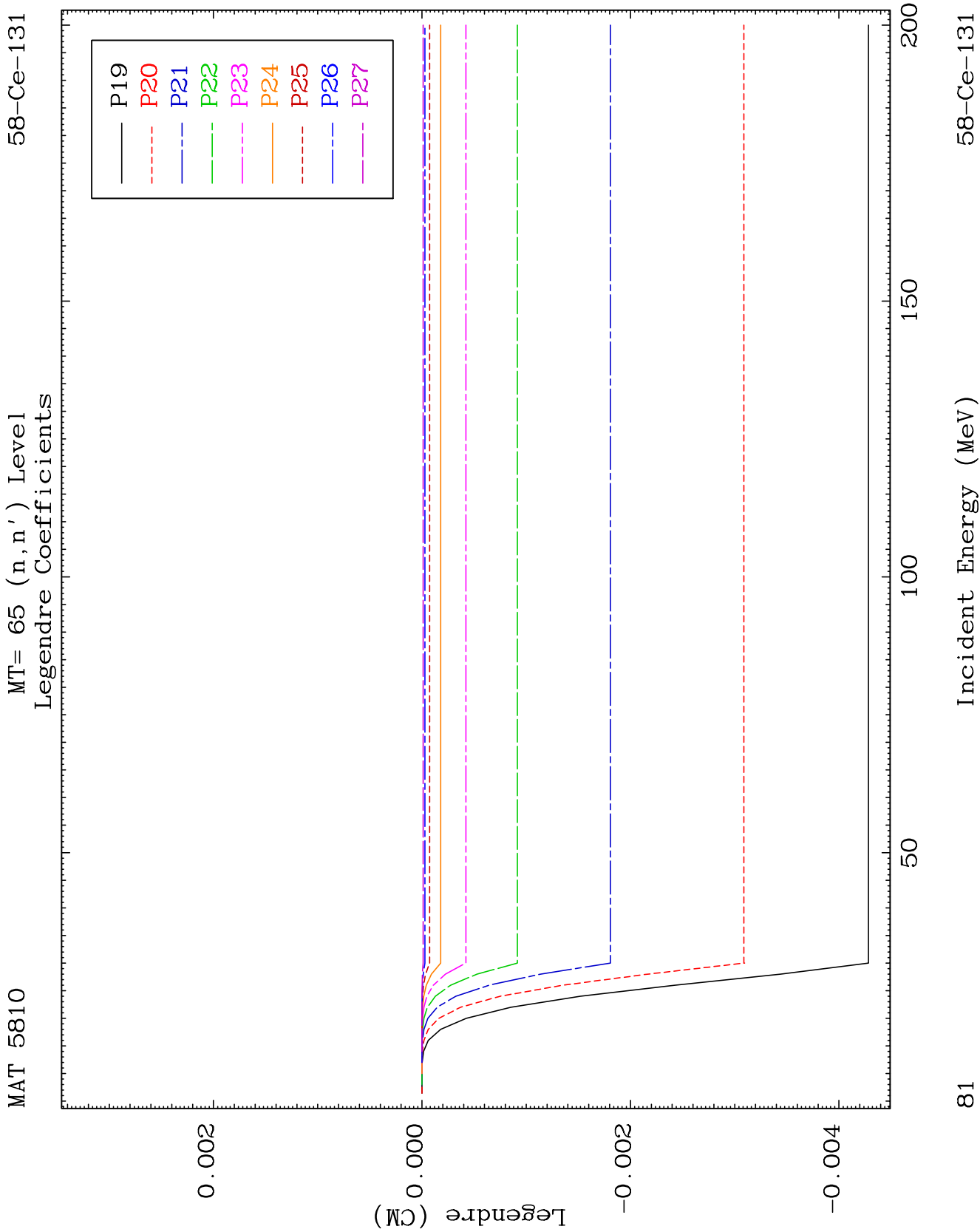


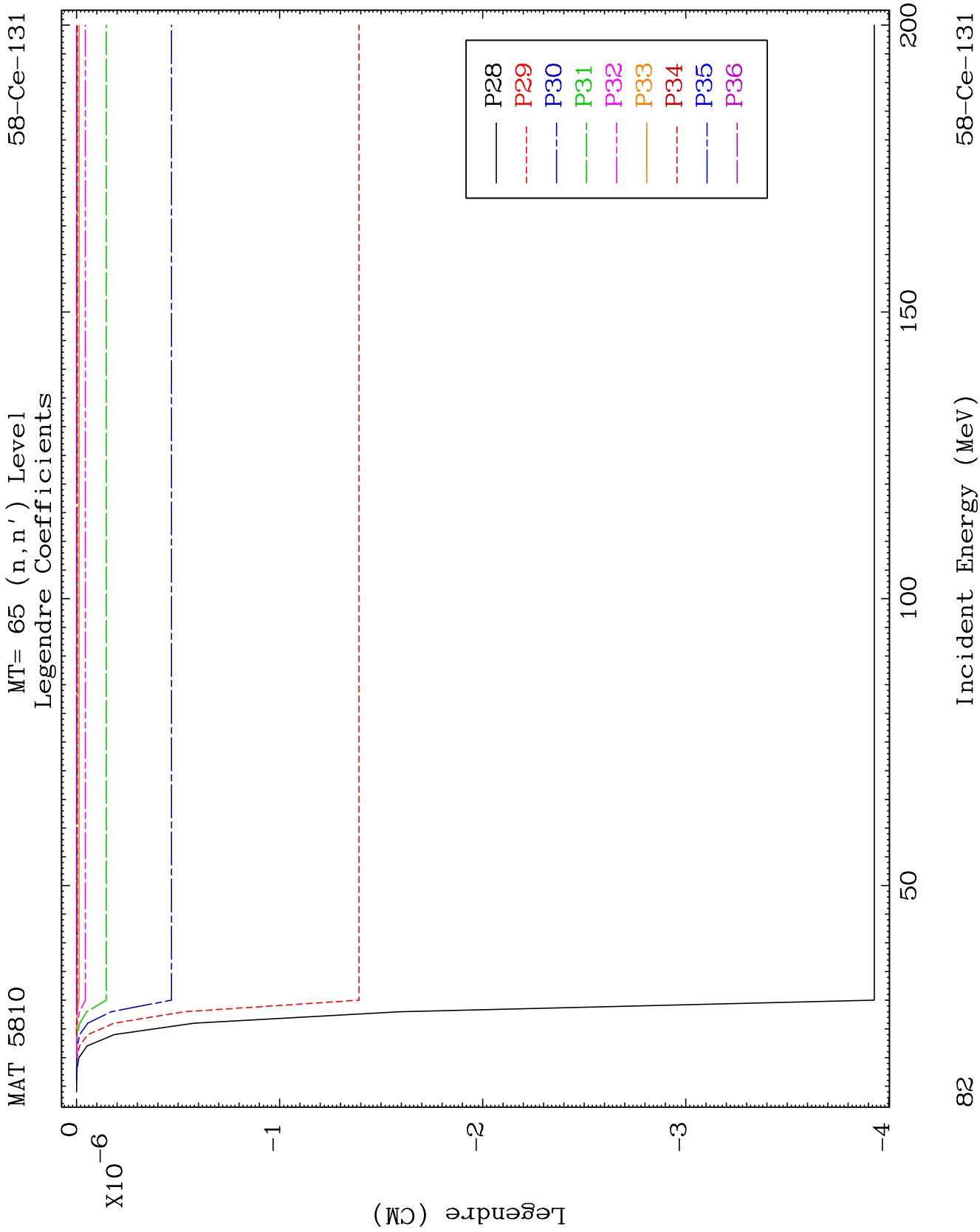
MAT 5810

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

58-Ce-131



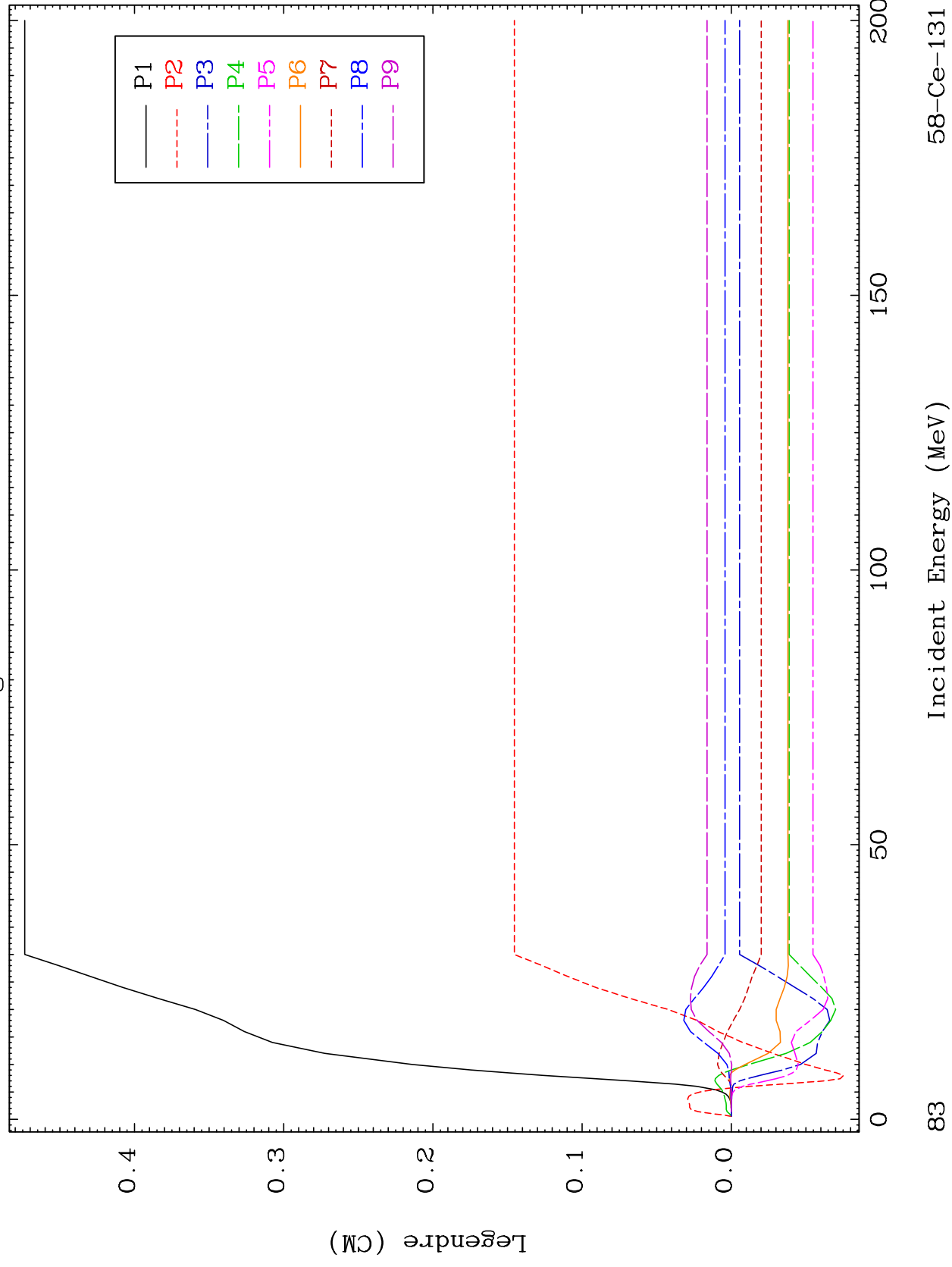




MAT 5810

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

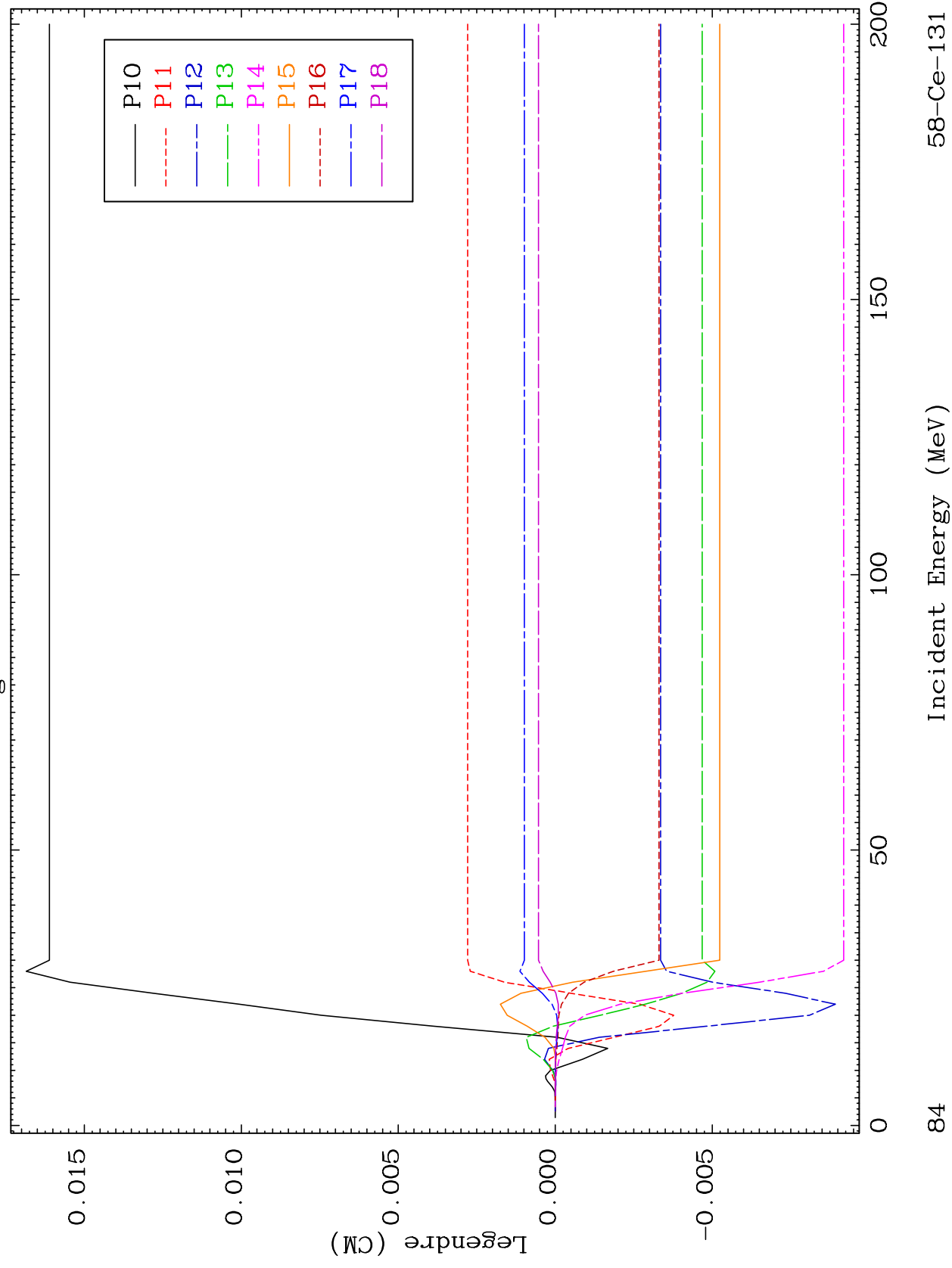
58-Ce-131

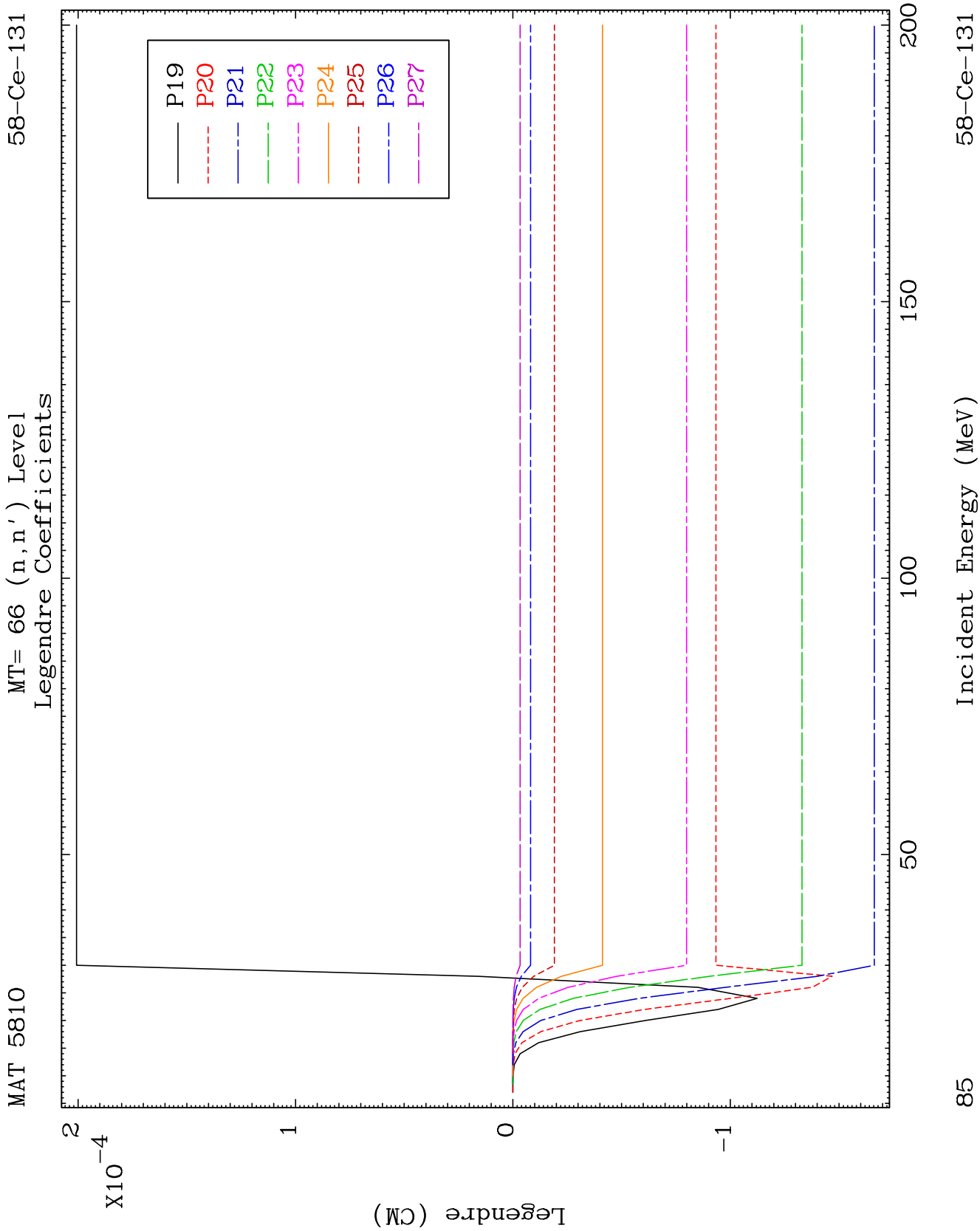


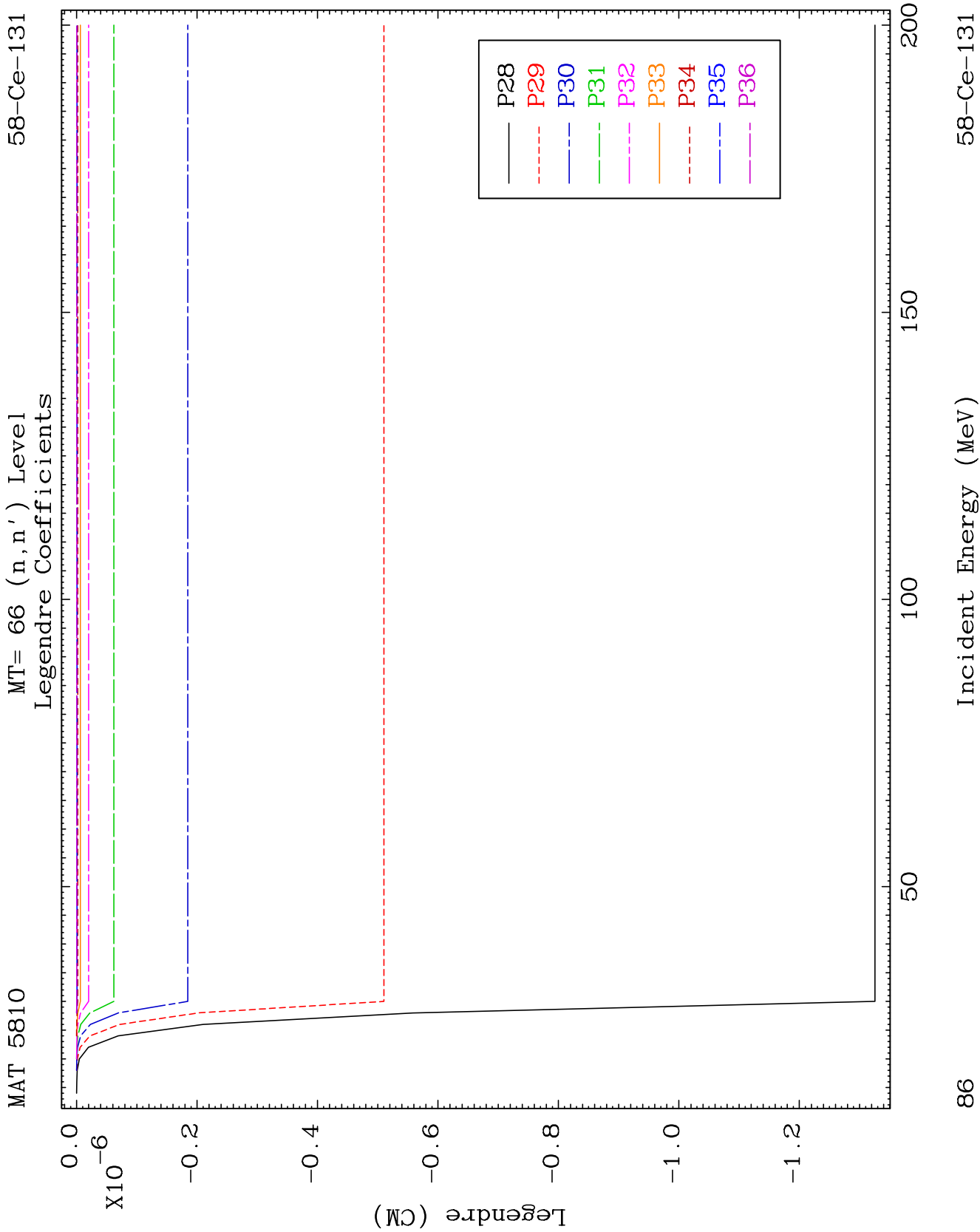
MAT 5810

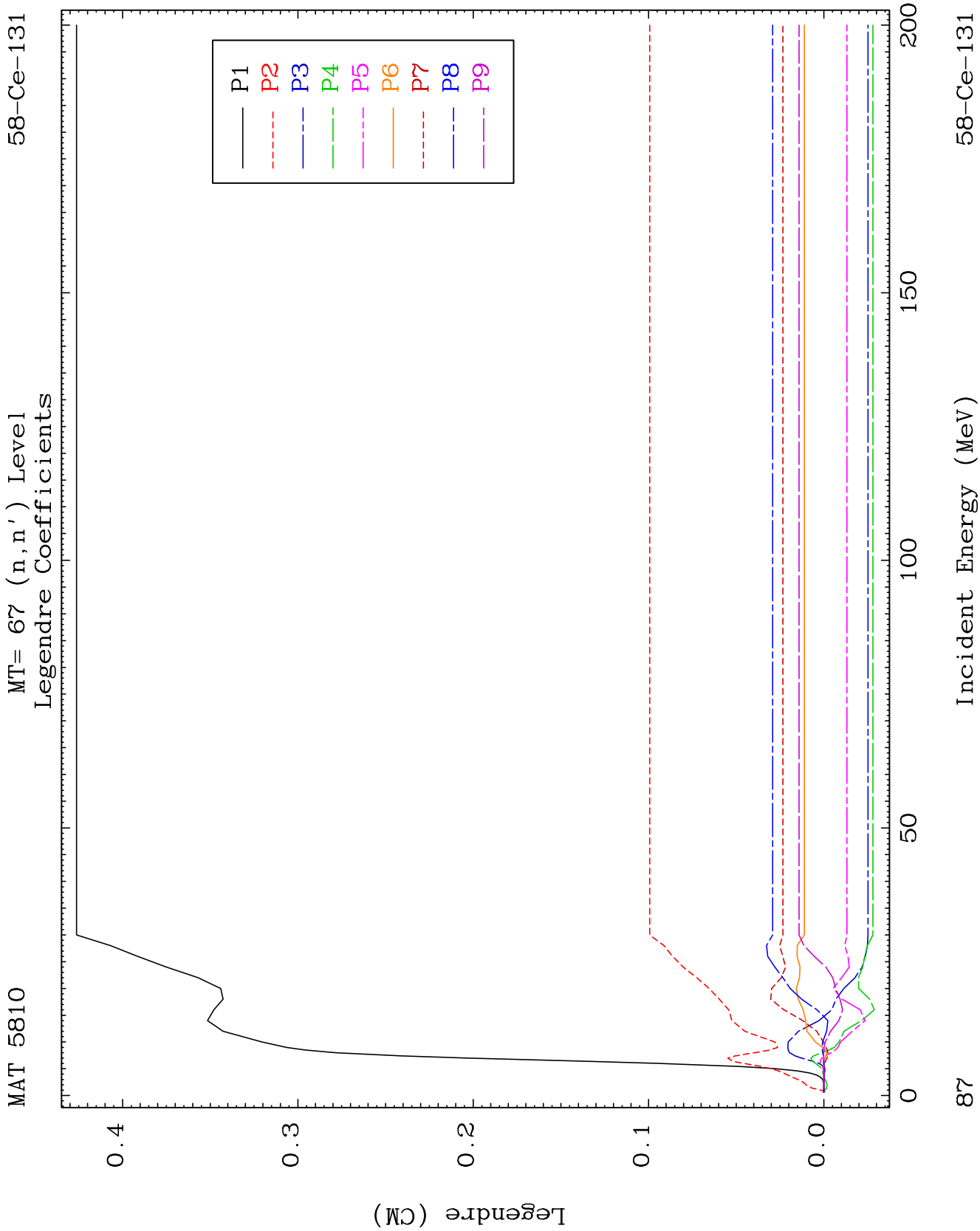
MT= 66 (n, n') Level
Legendre Coefficients

58-Ce-131





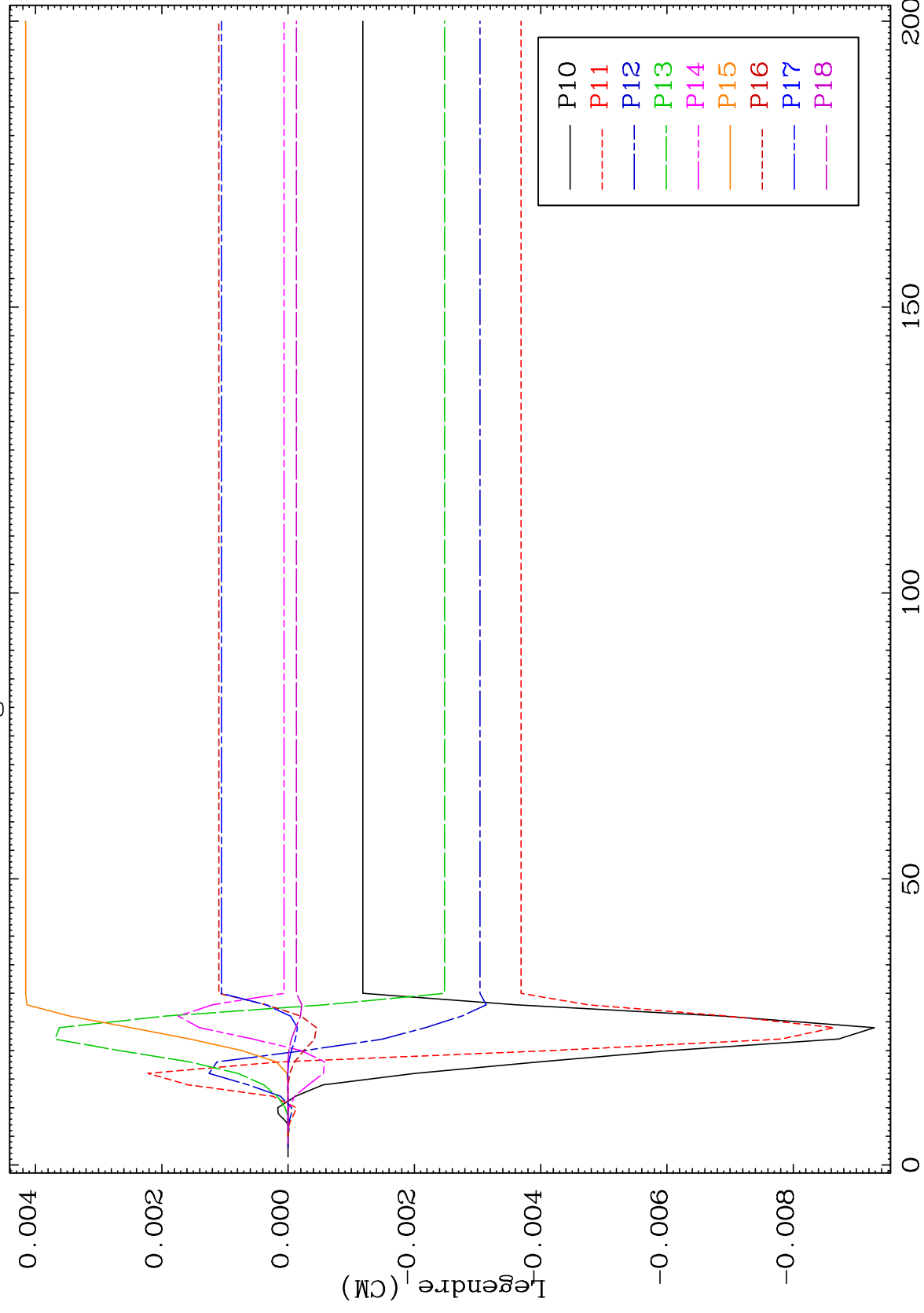




MAT 5810

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

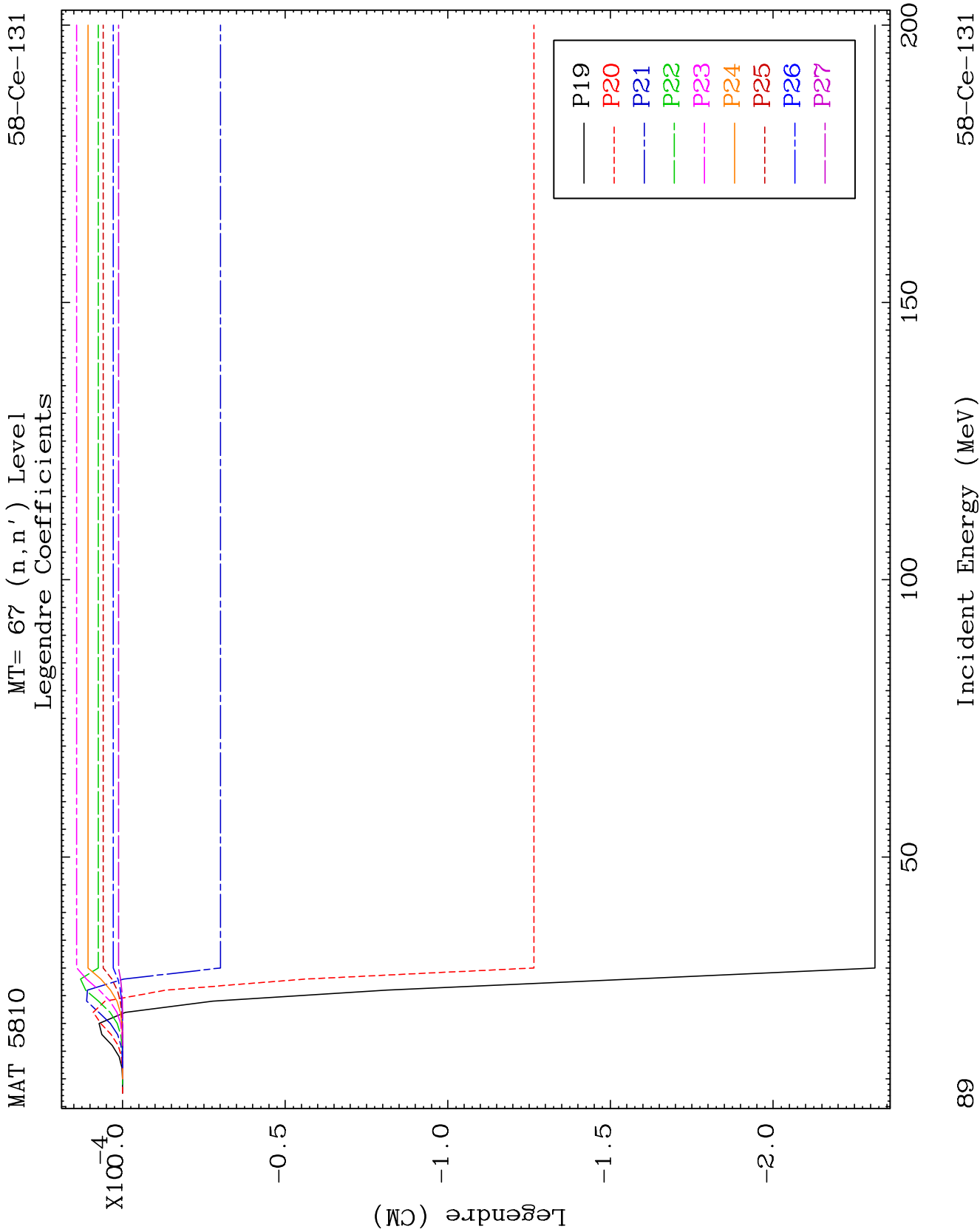
58-Ce-131

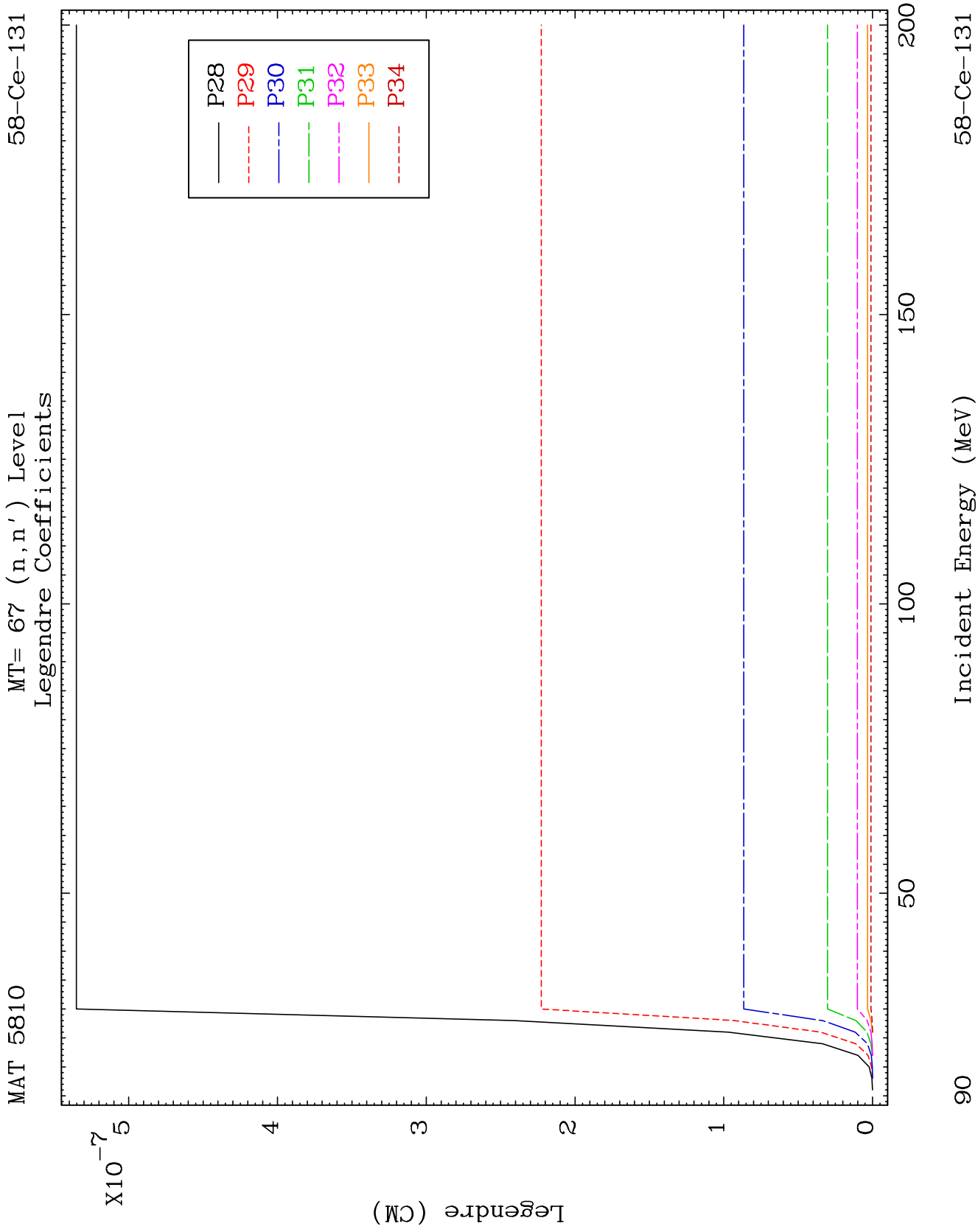


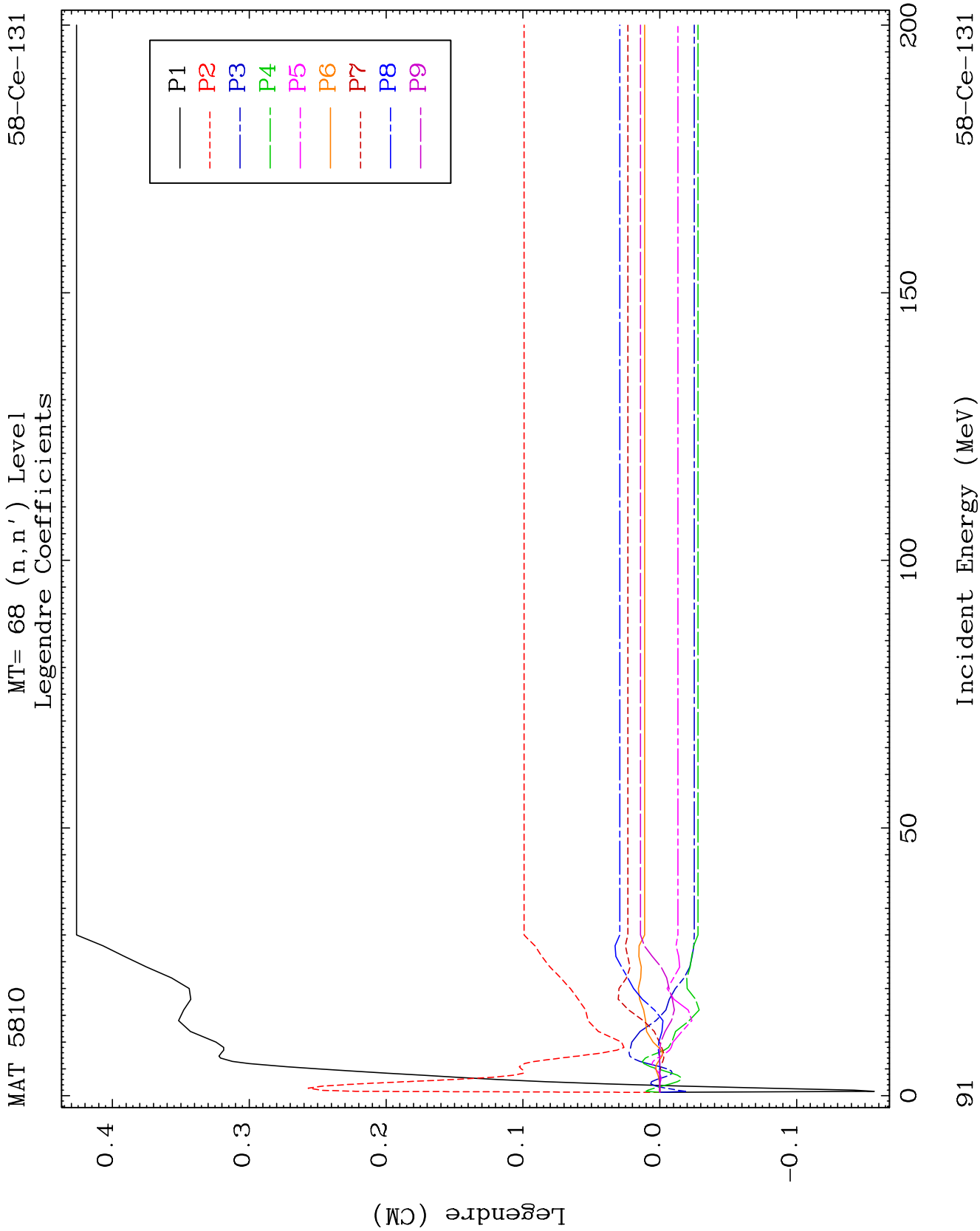
88

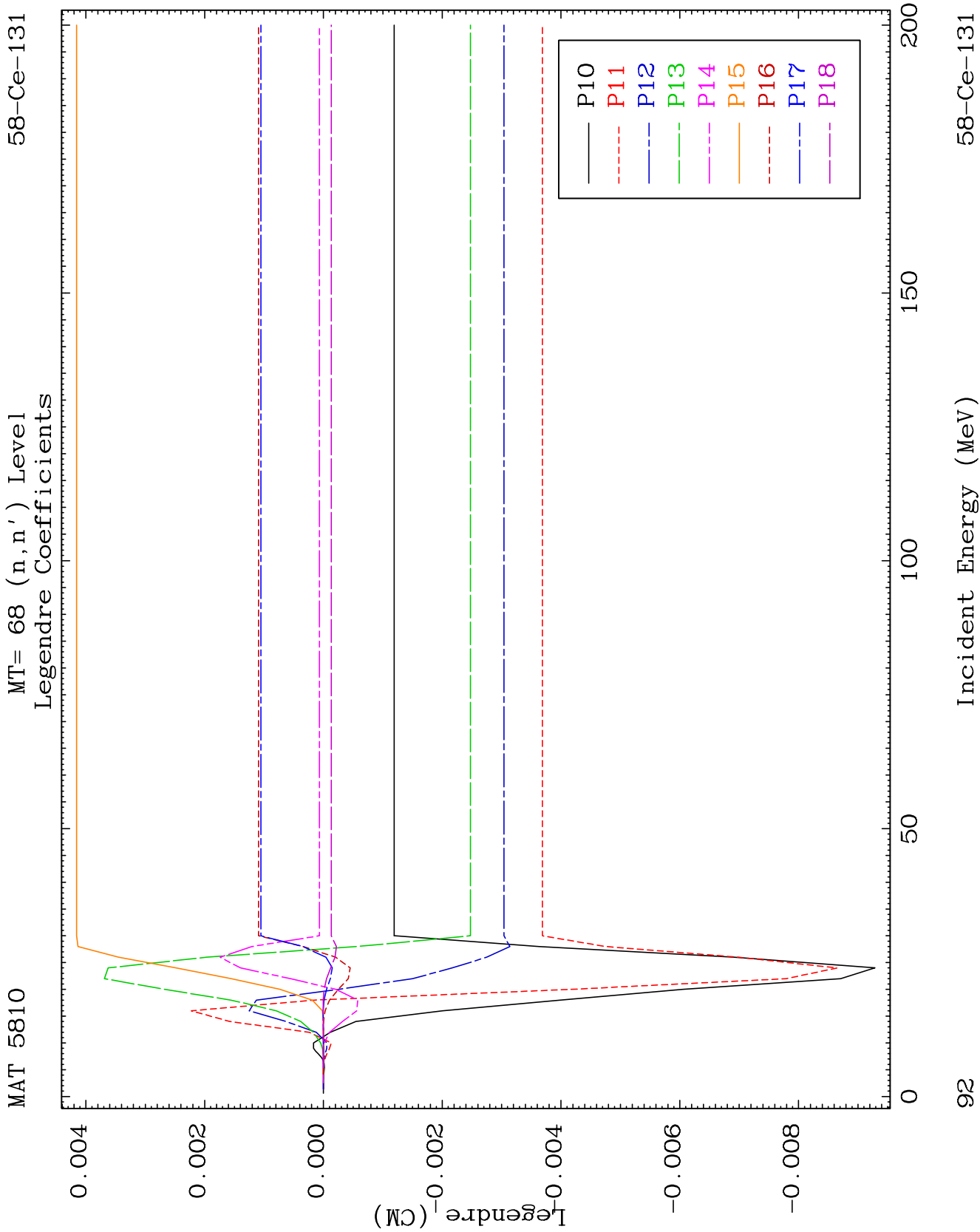
Incident Energy (MeV)

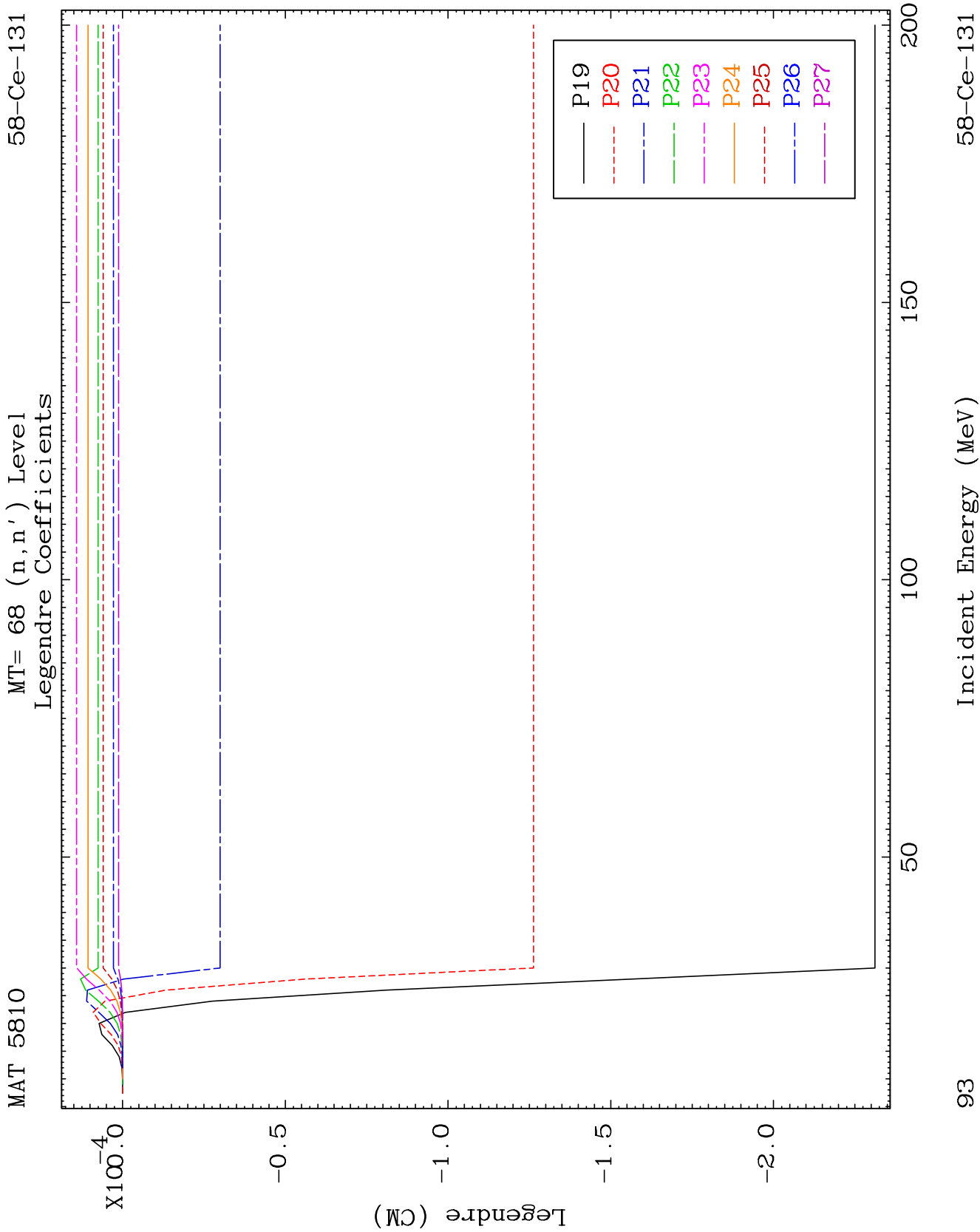
58-Ce-131

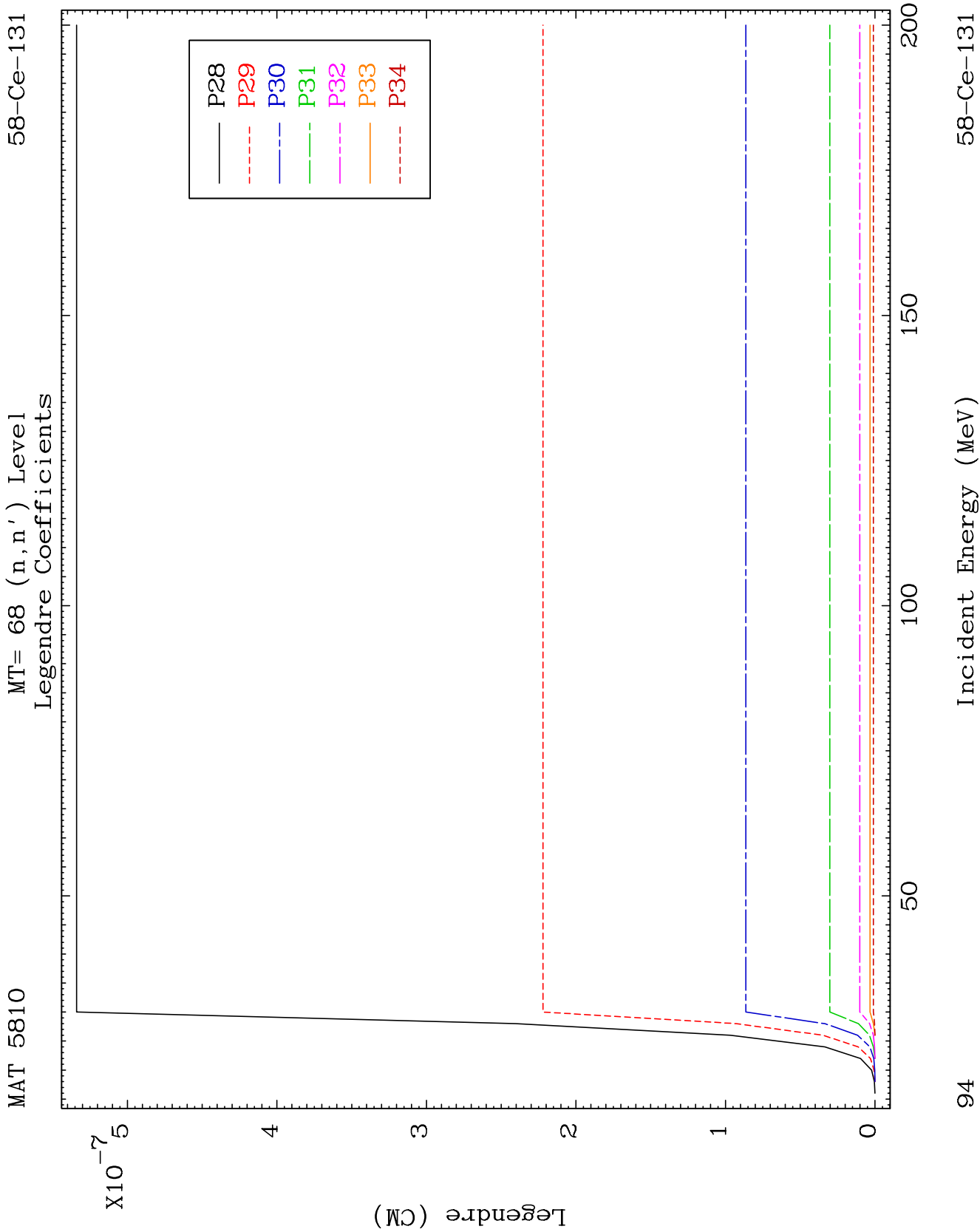








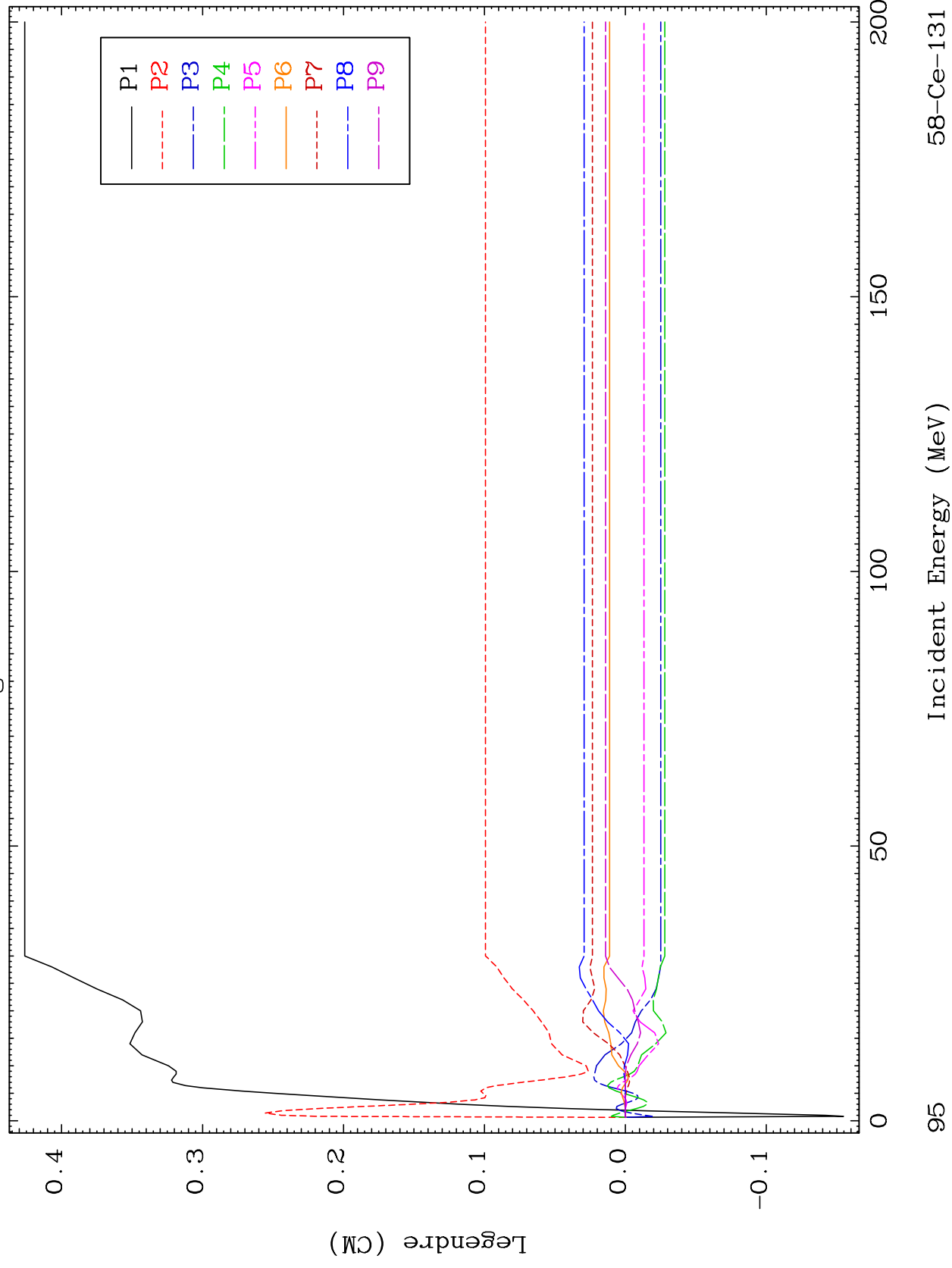




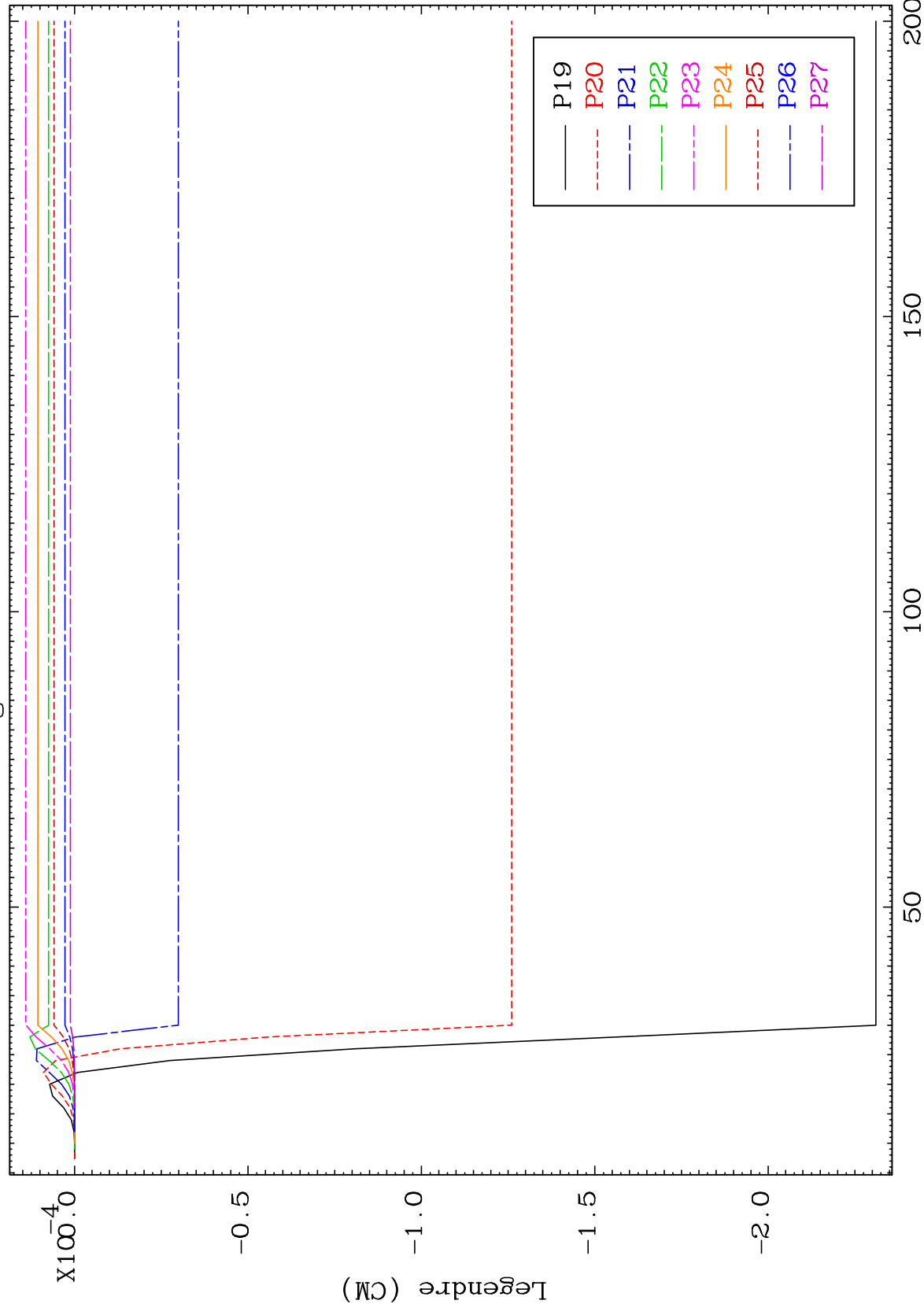
MAT 5810

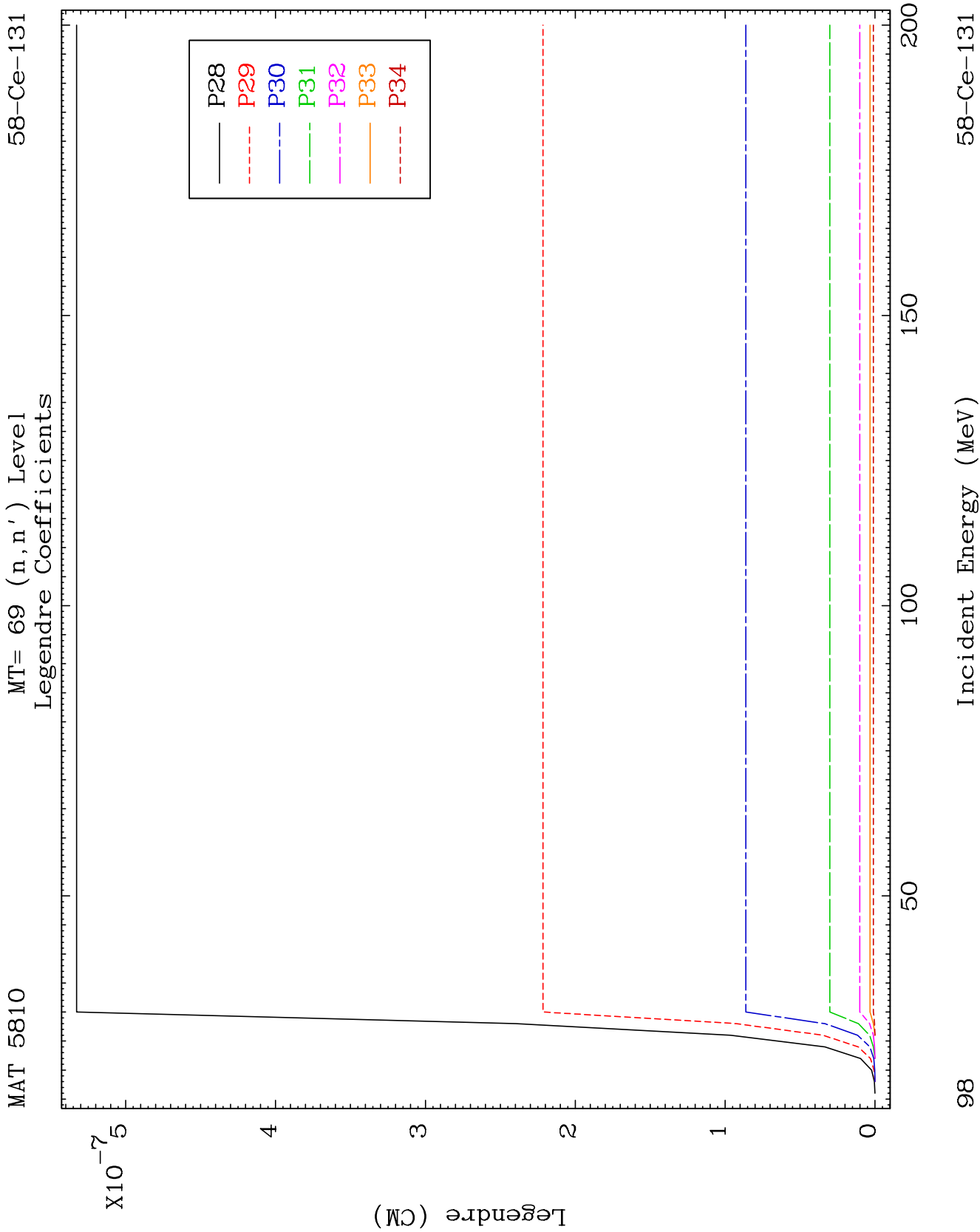
MT= 69 (n, n') Level
Legendre Coefficients

58-Ce-131



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

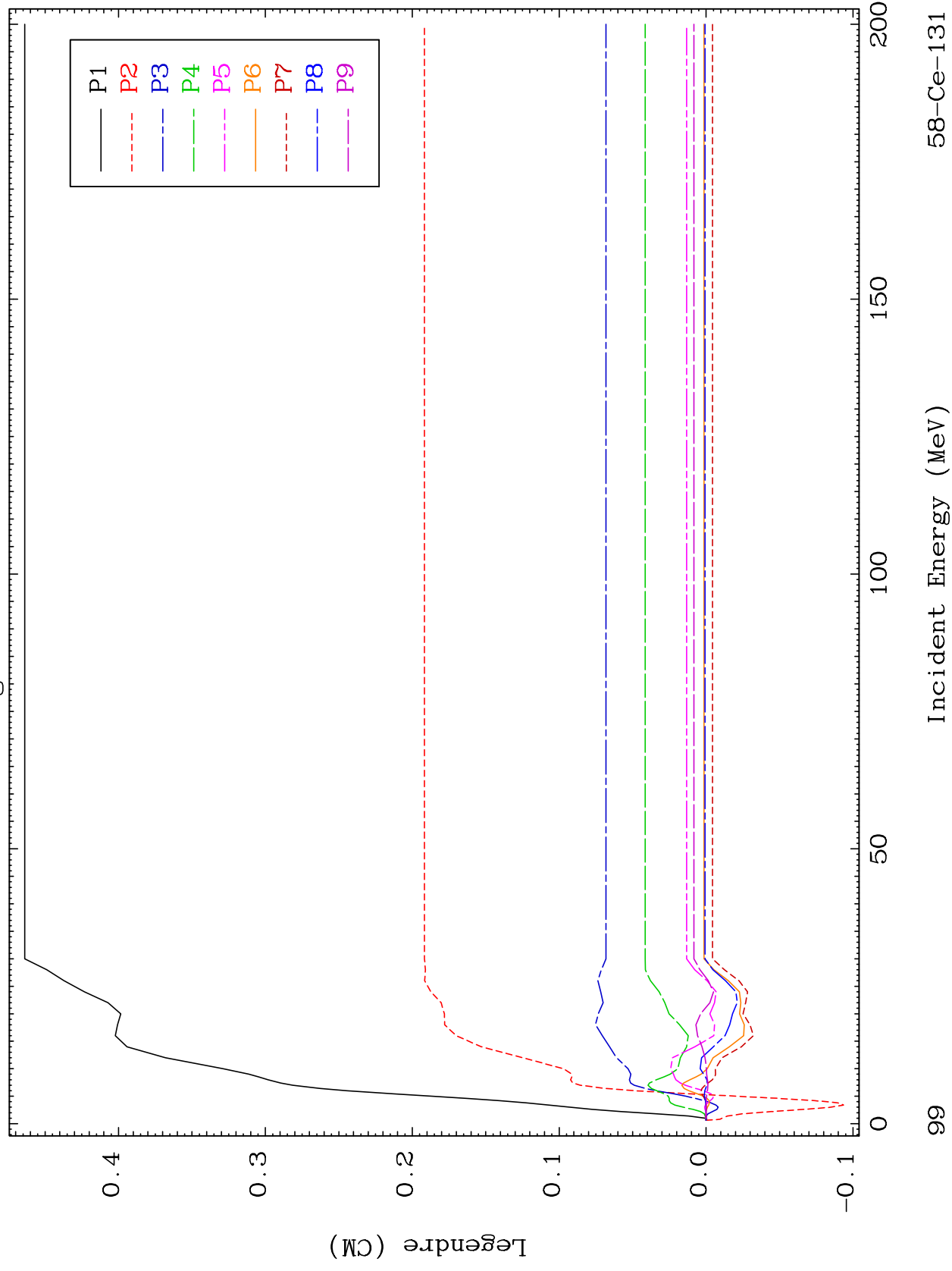




MAT 5810

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

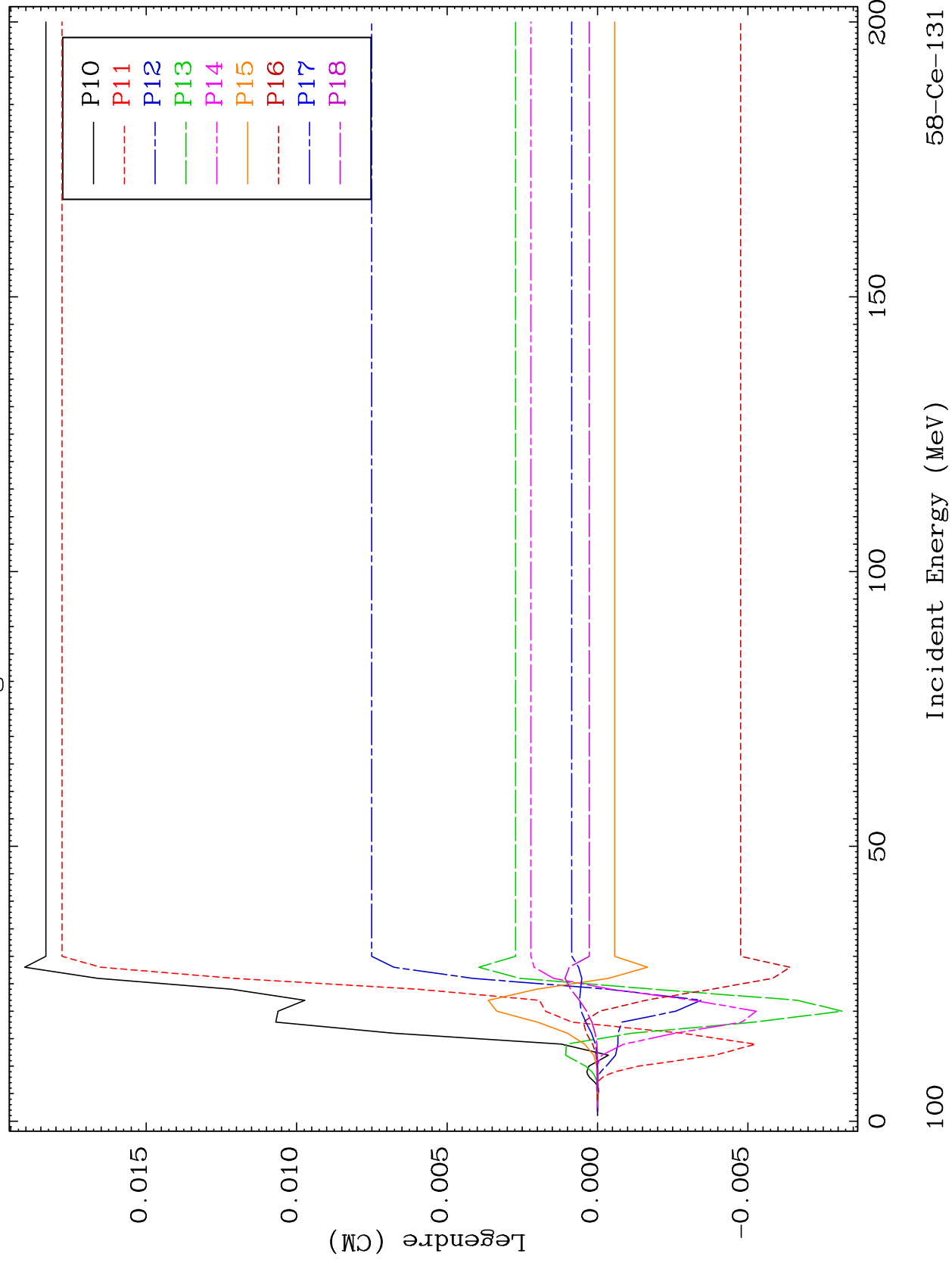
58-Ce-131



MAT 5810

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

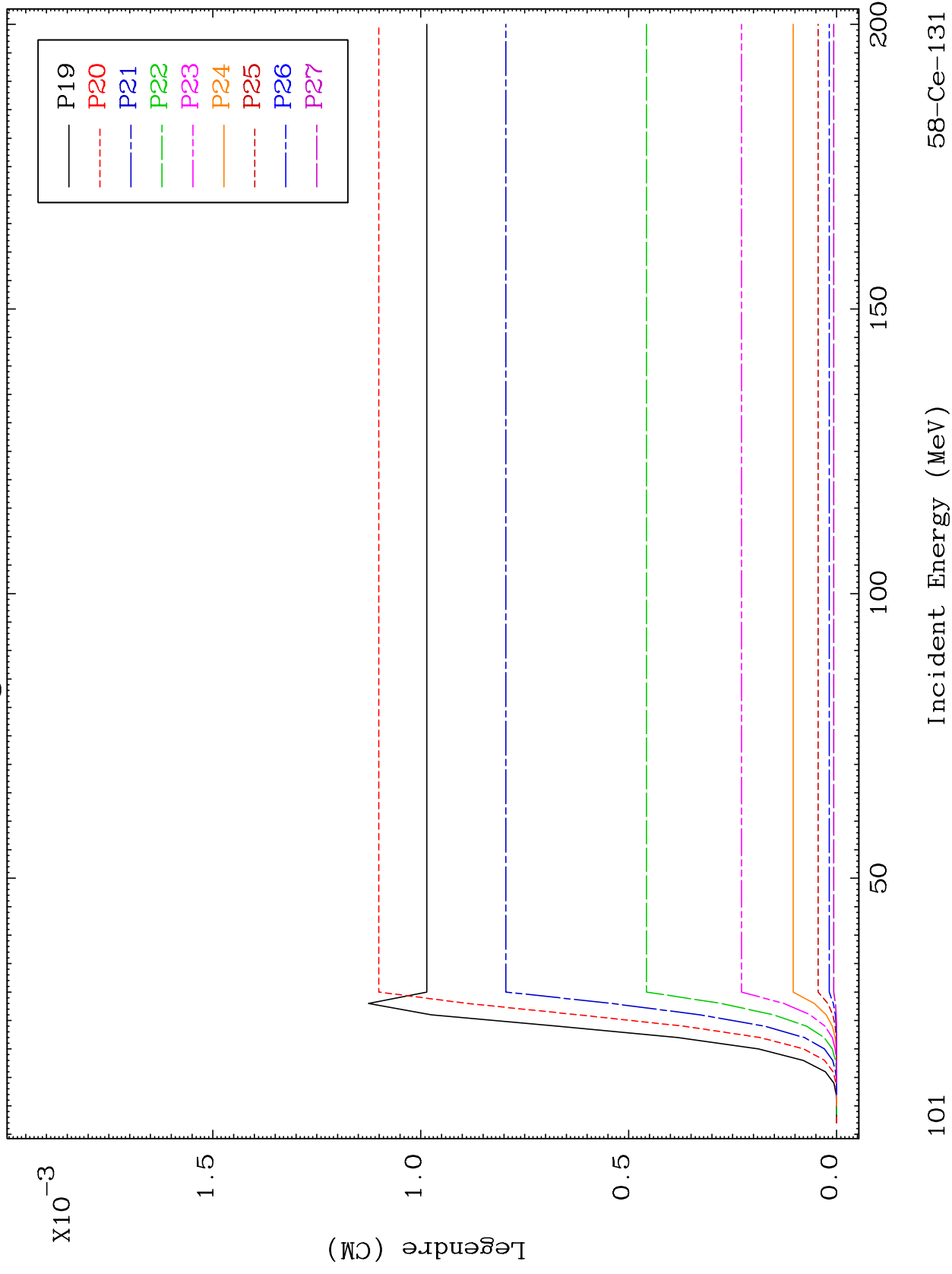
58-Ce-131

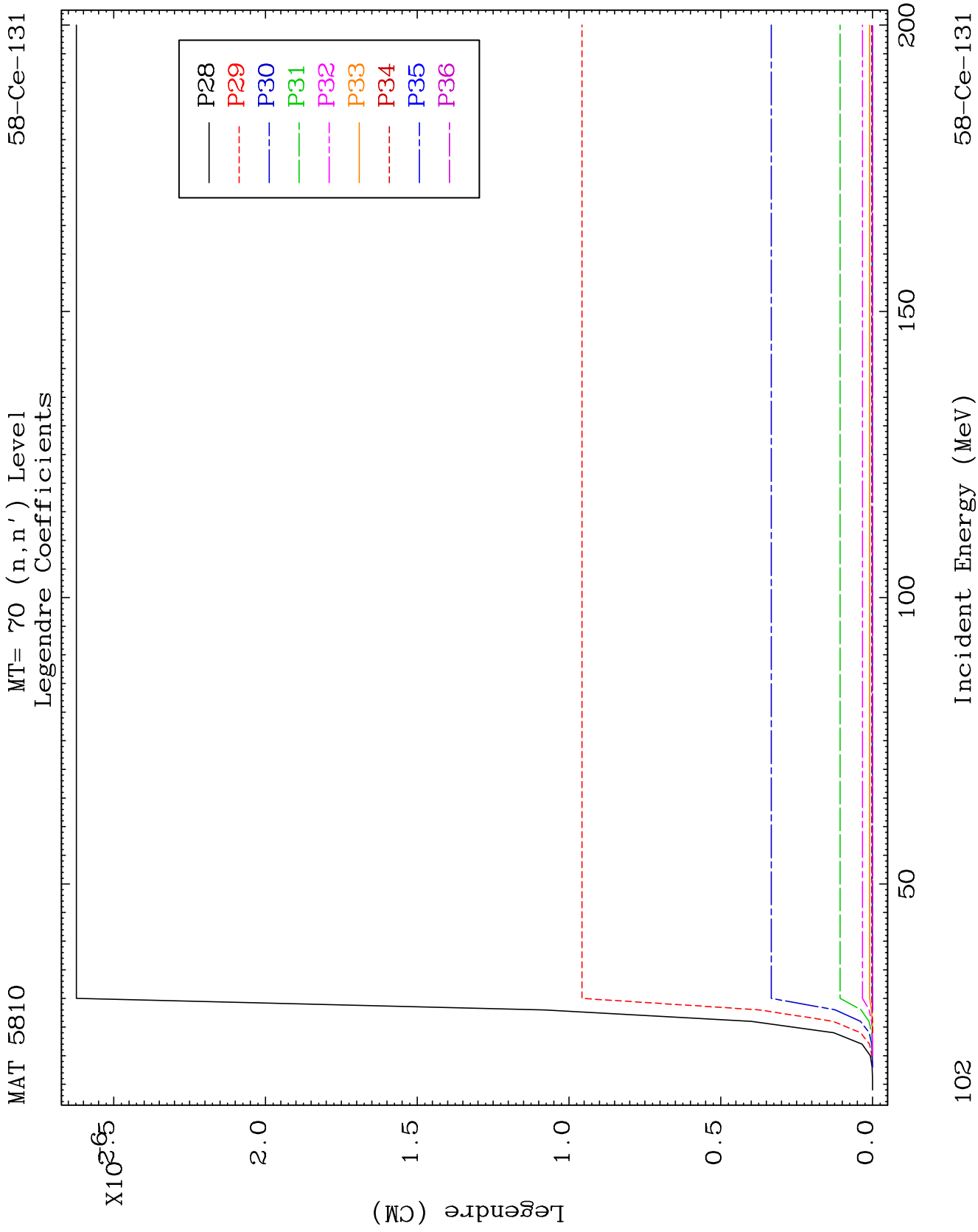


MAT 5810

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

58-Ce-131

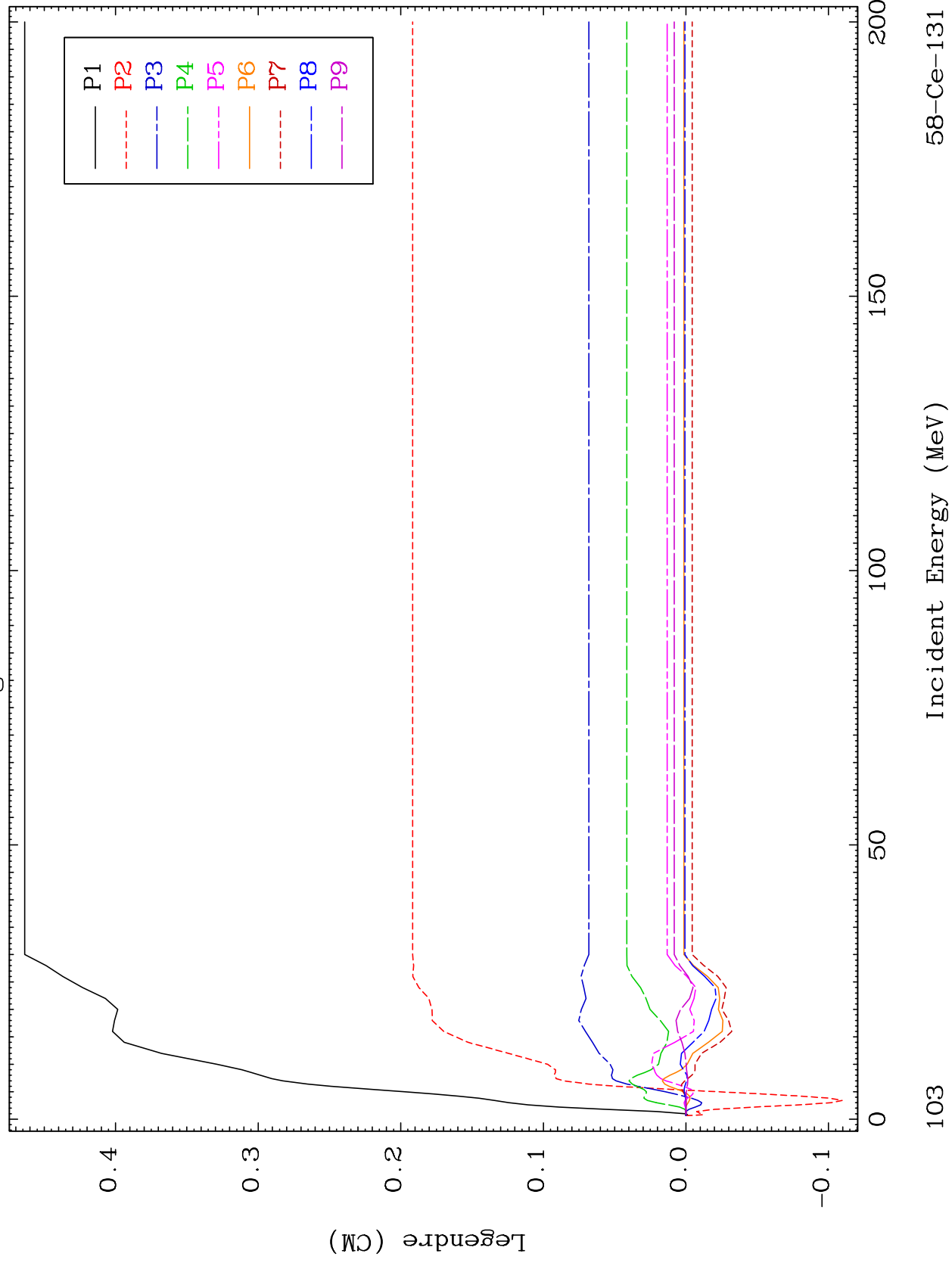


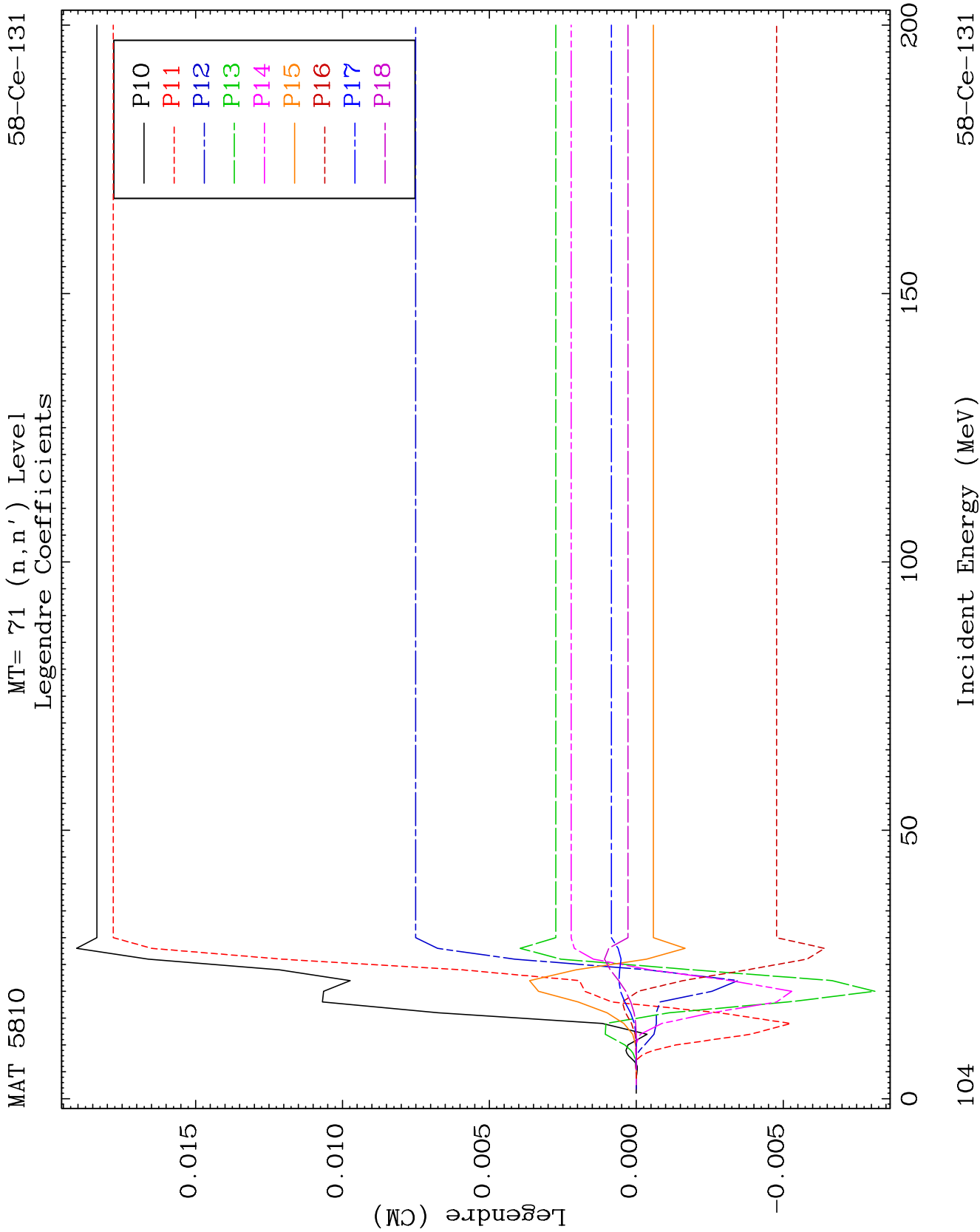


MAT 5810

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

58-Ce-131

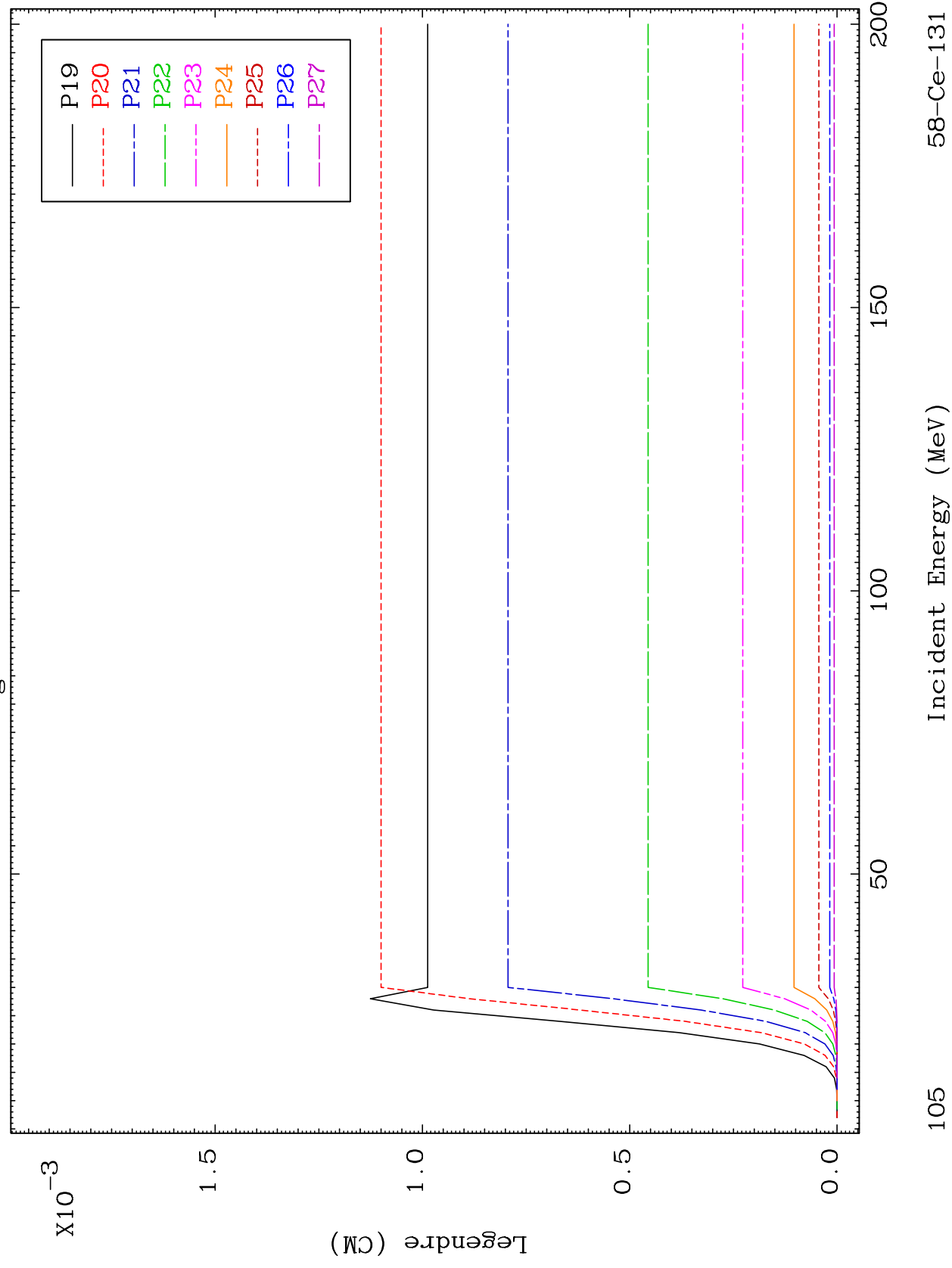




MAT 5810

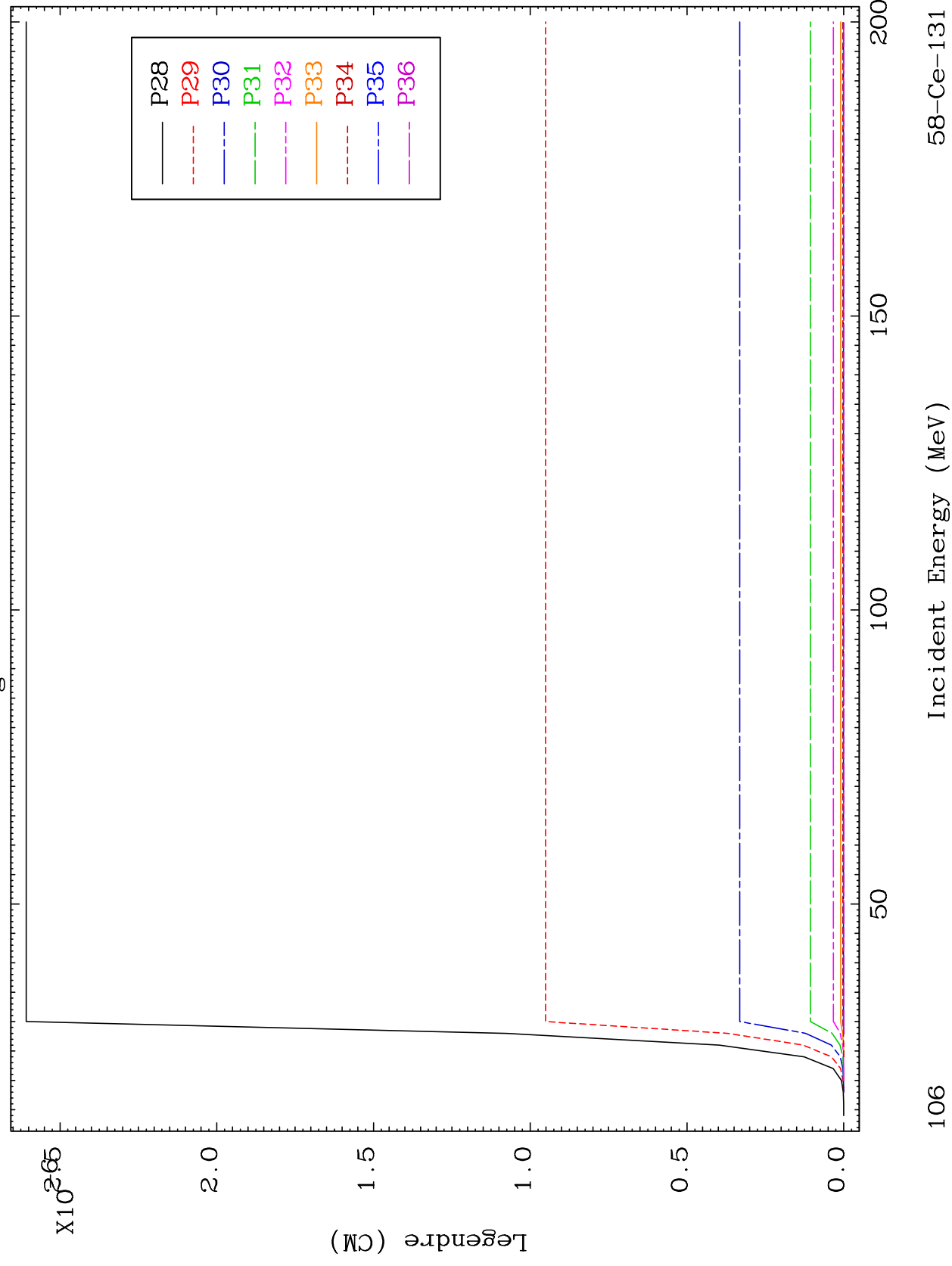
MT= 71 (n, n') Level
Legendre Coefficients

58-Ce-131



MAT 5810

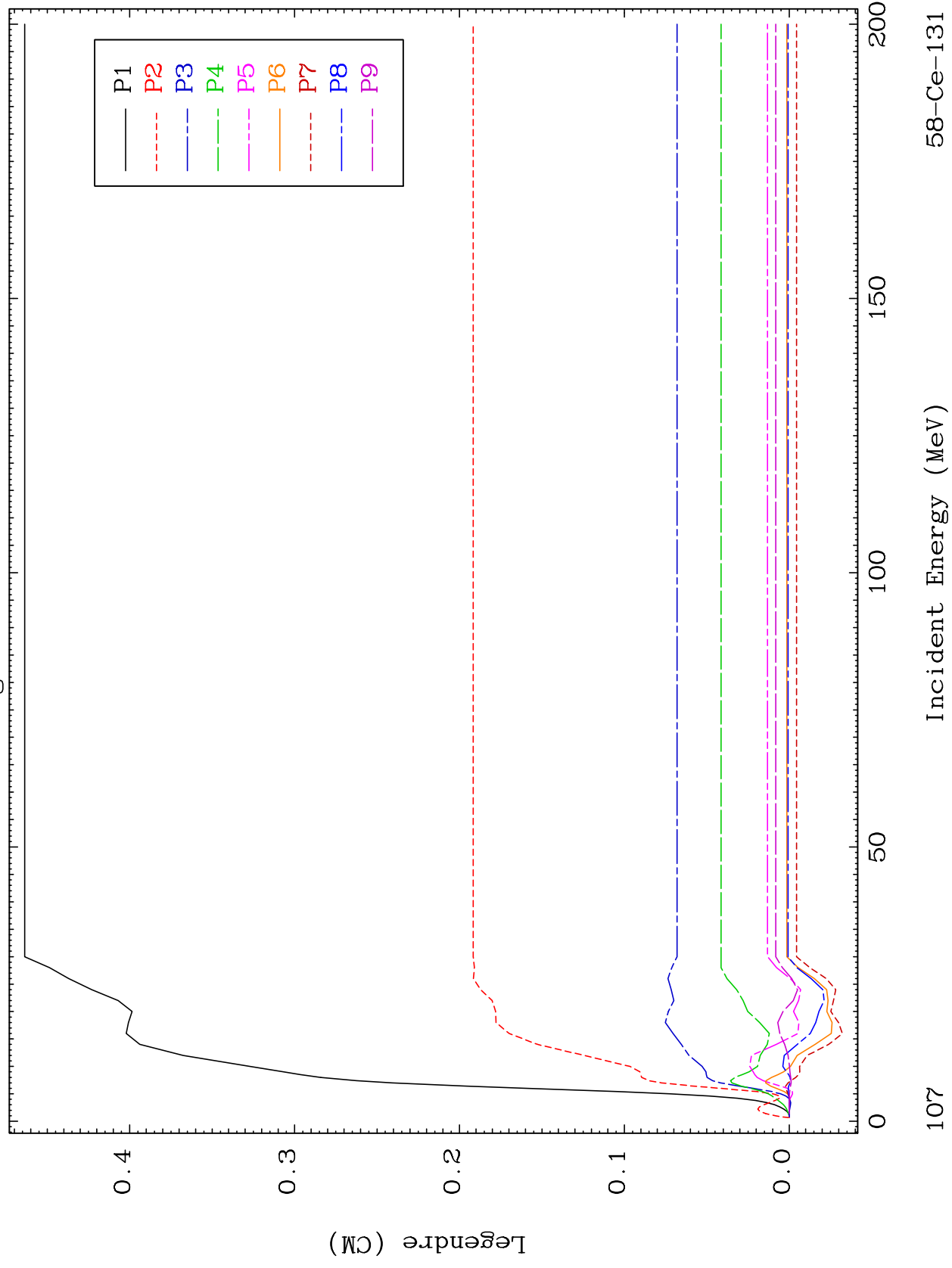
MT= 71 (n, n') Level
Legendre Coefficients

 $^{58}\text{Ce}-131$ 

MAT 5810

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

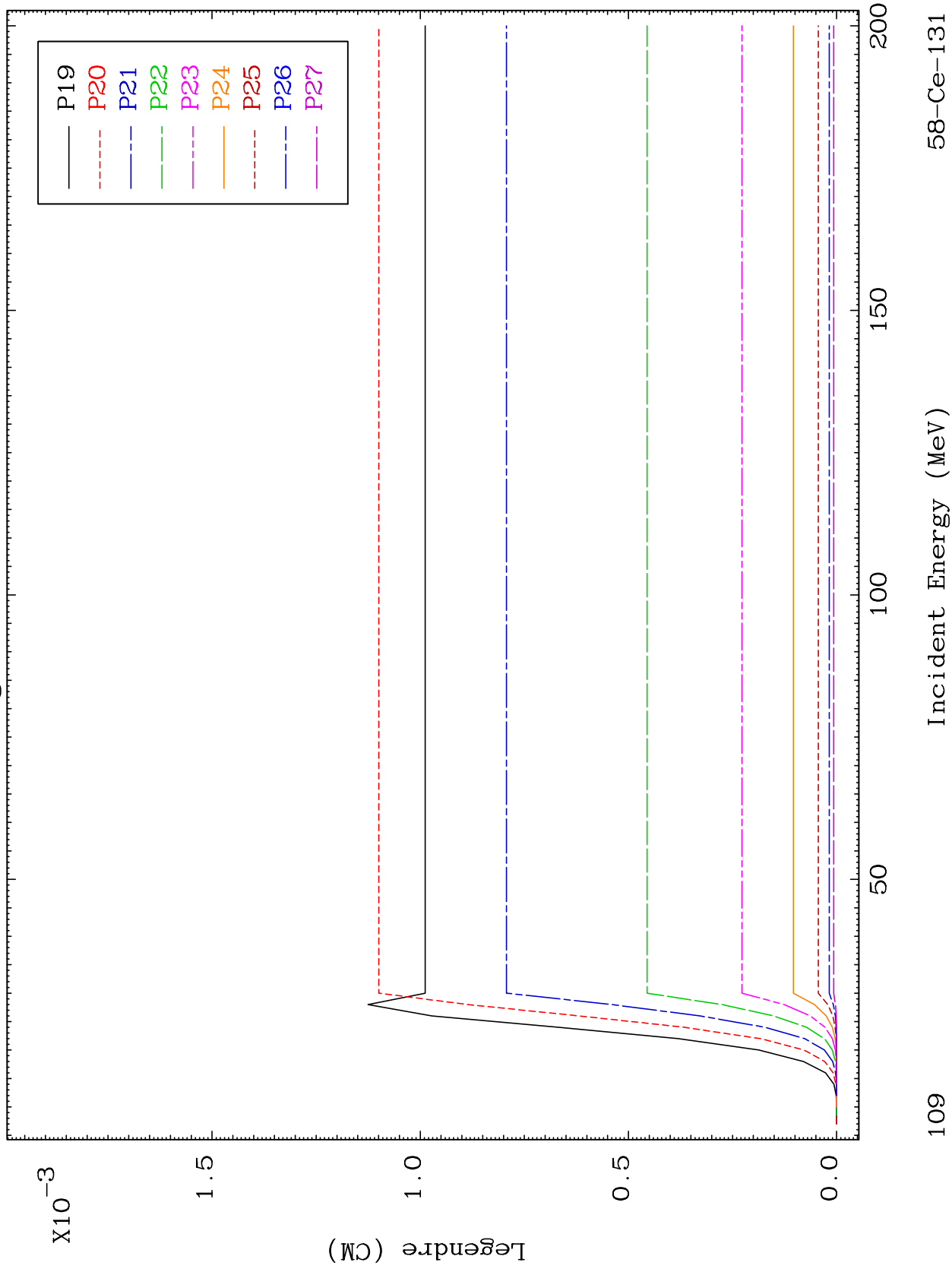
58-Ce-131

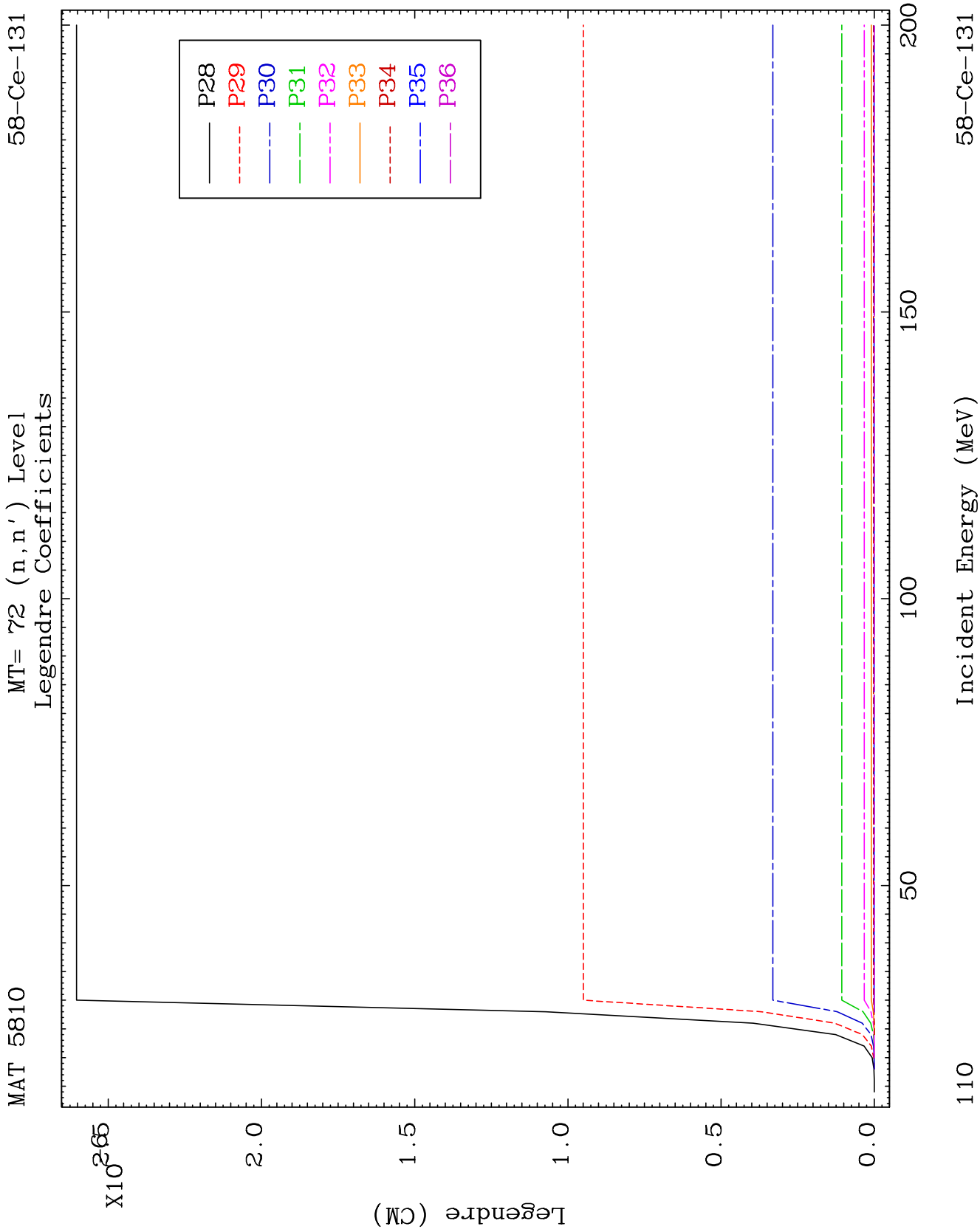


MAT 5810

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

58-Ce-131

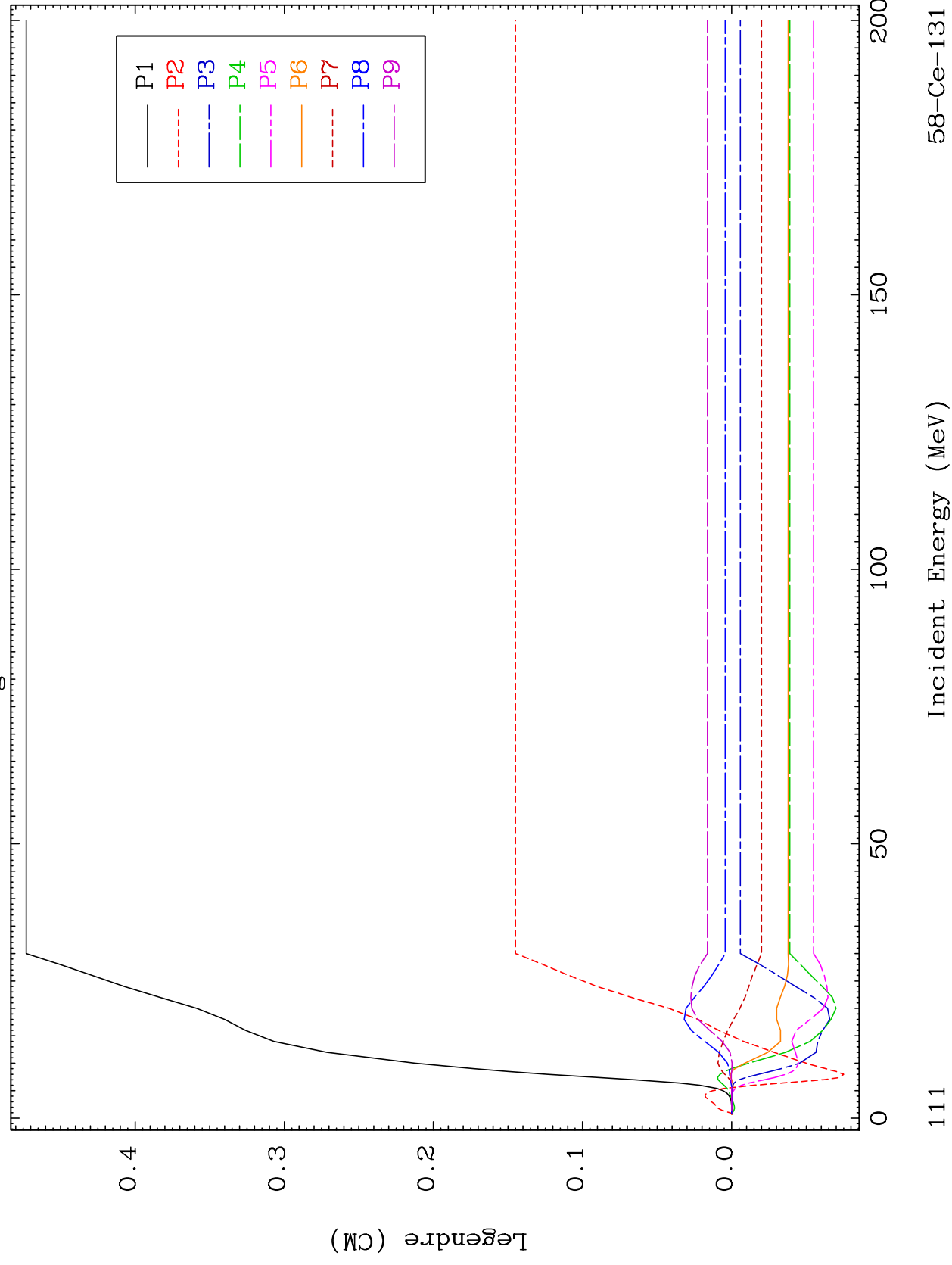




MAT 5810

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

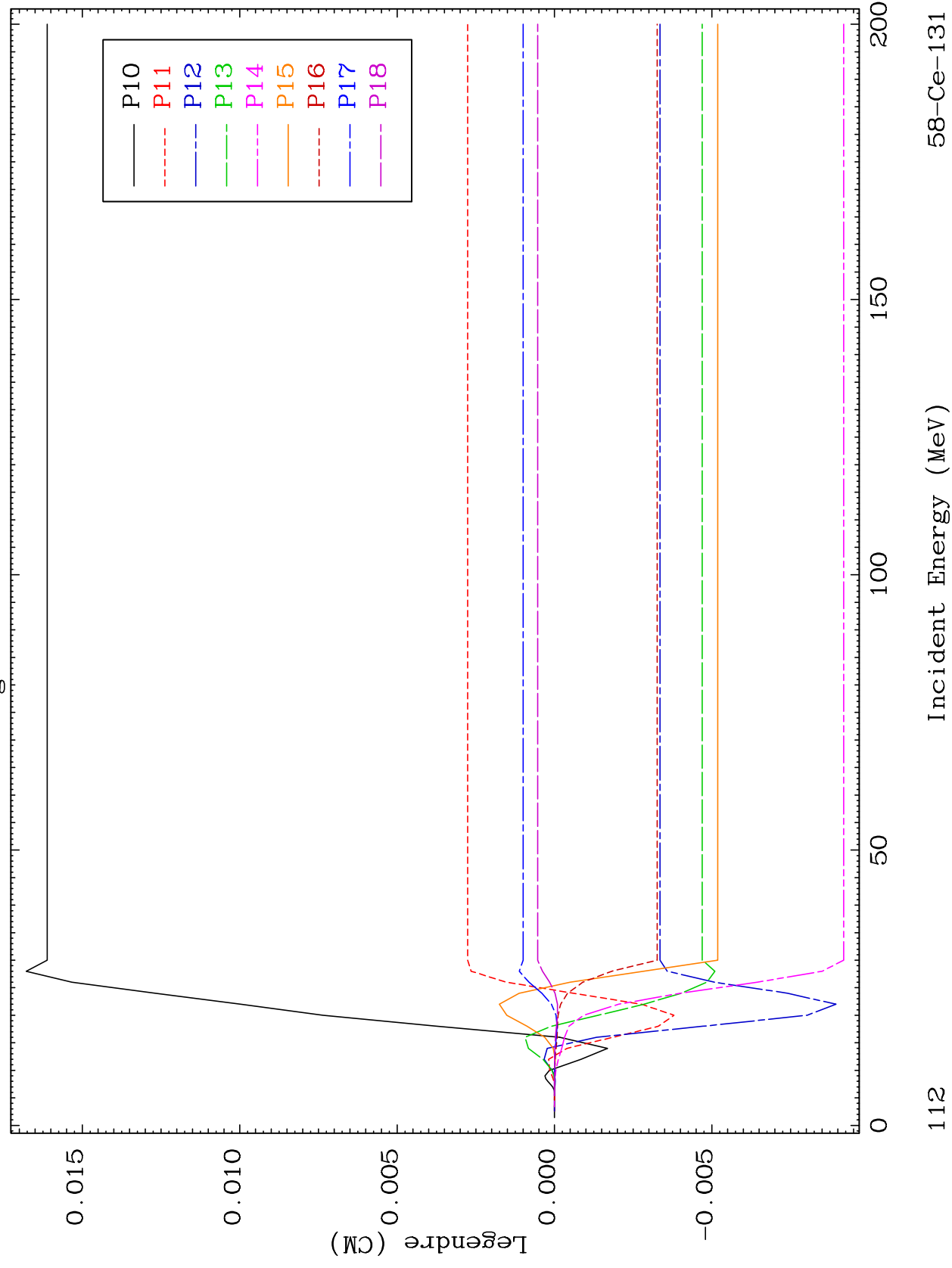
58-Ce-131

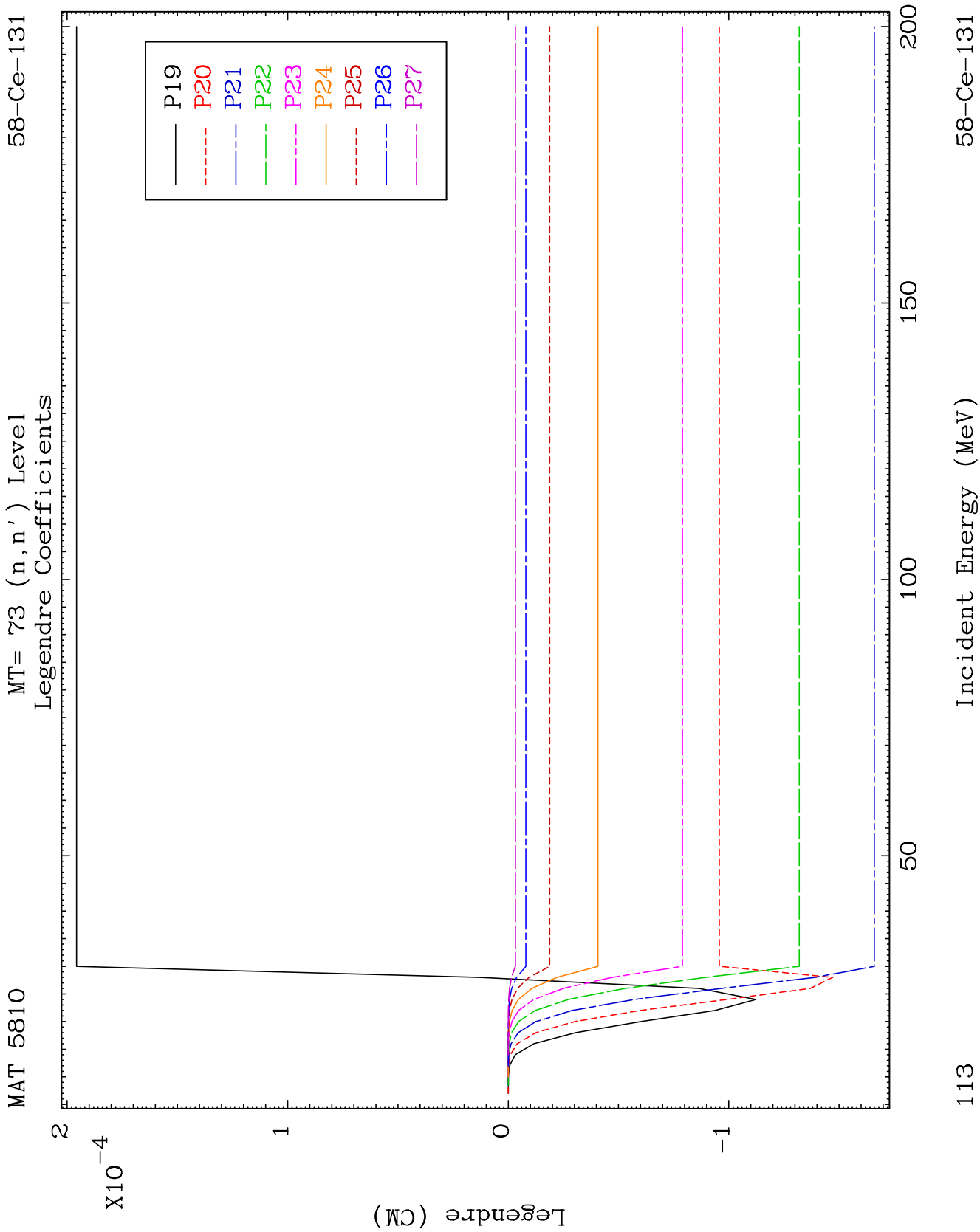


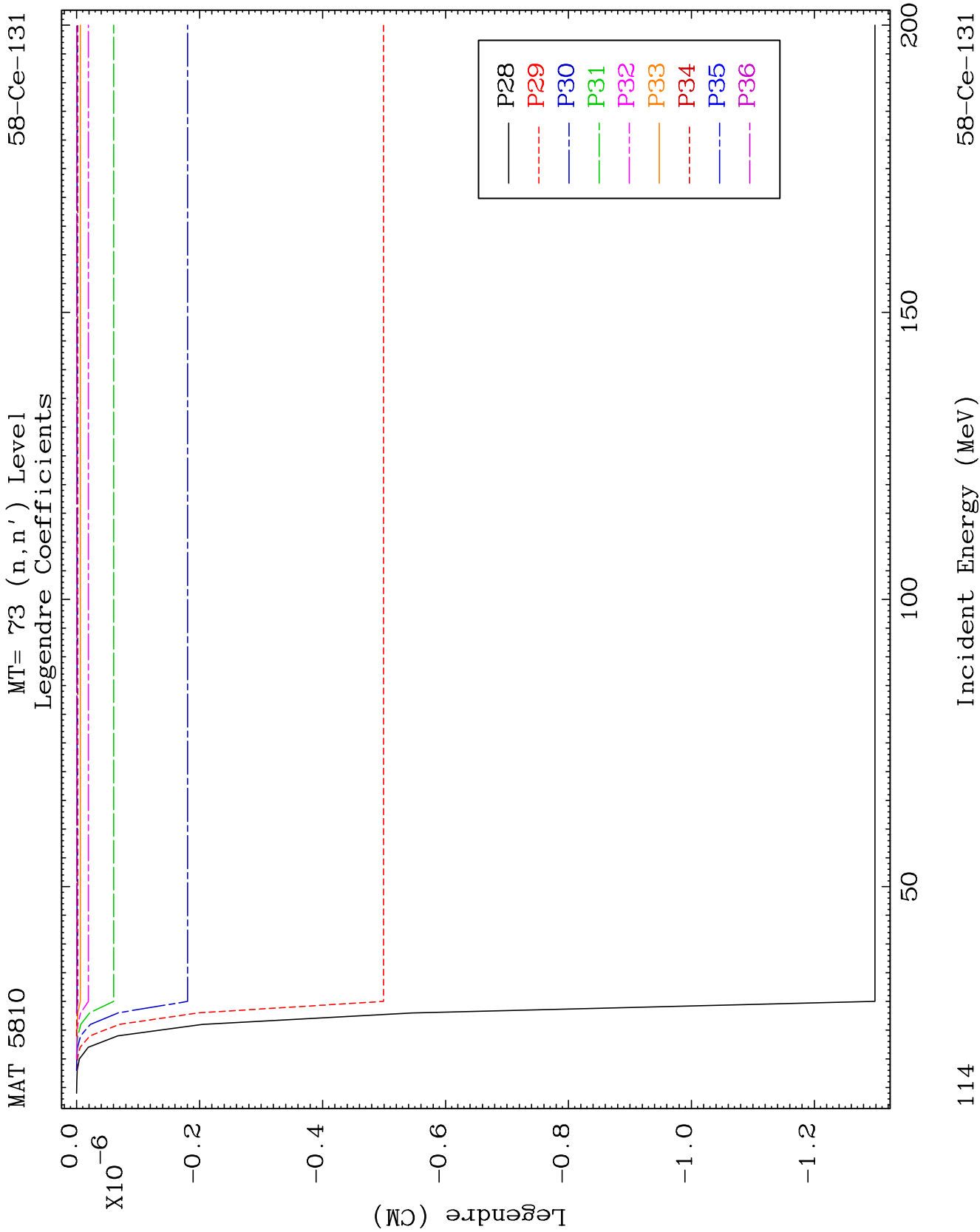
MAT 5810

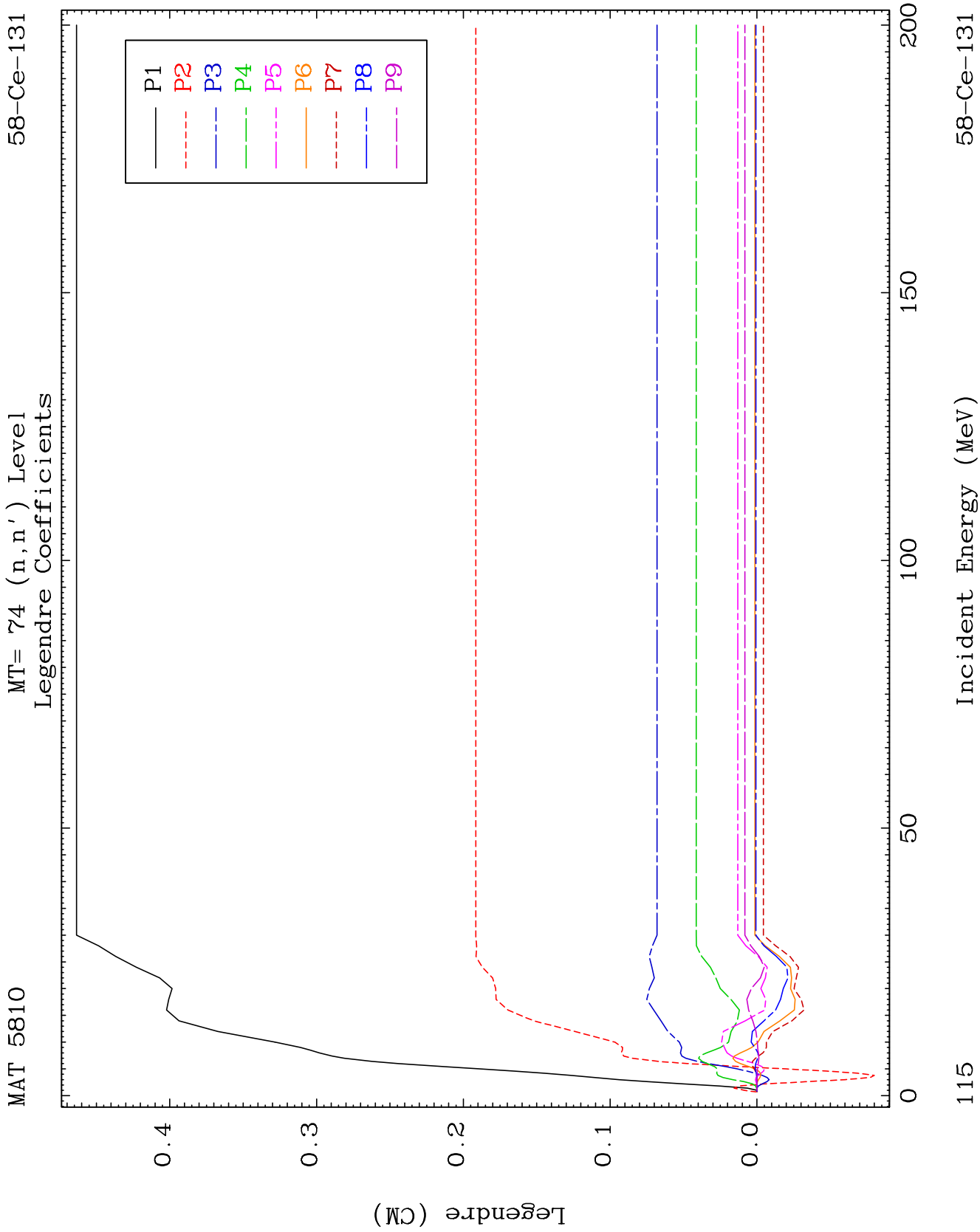
MT= 73 (n, n') Level
Legendre Coefficients

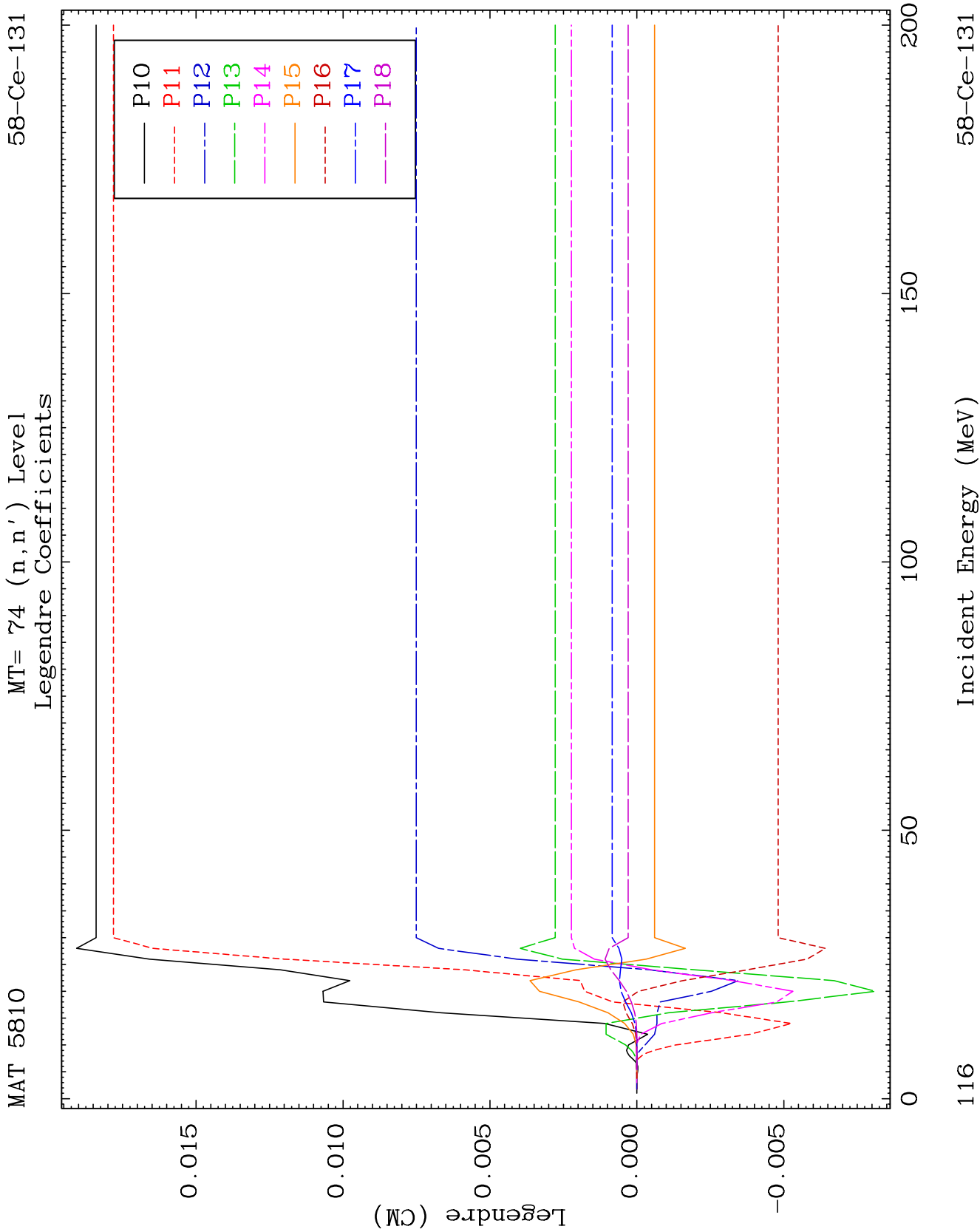
58-Ce-131

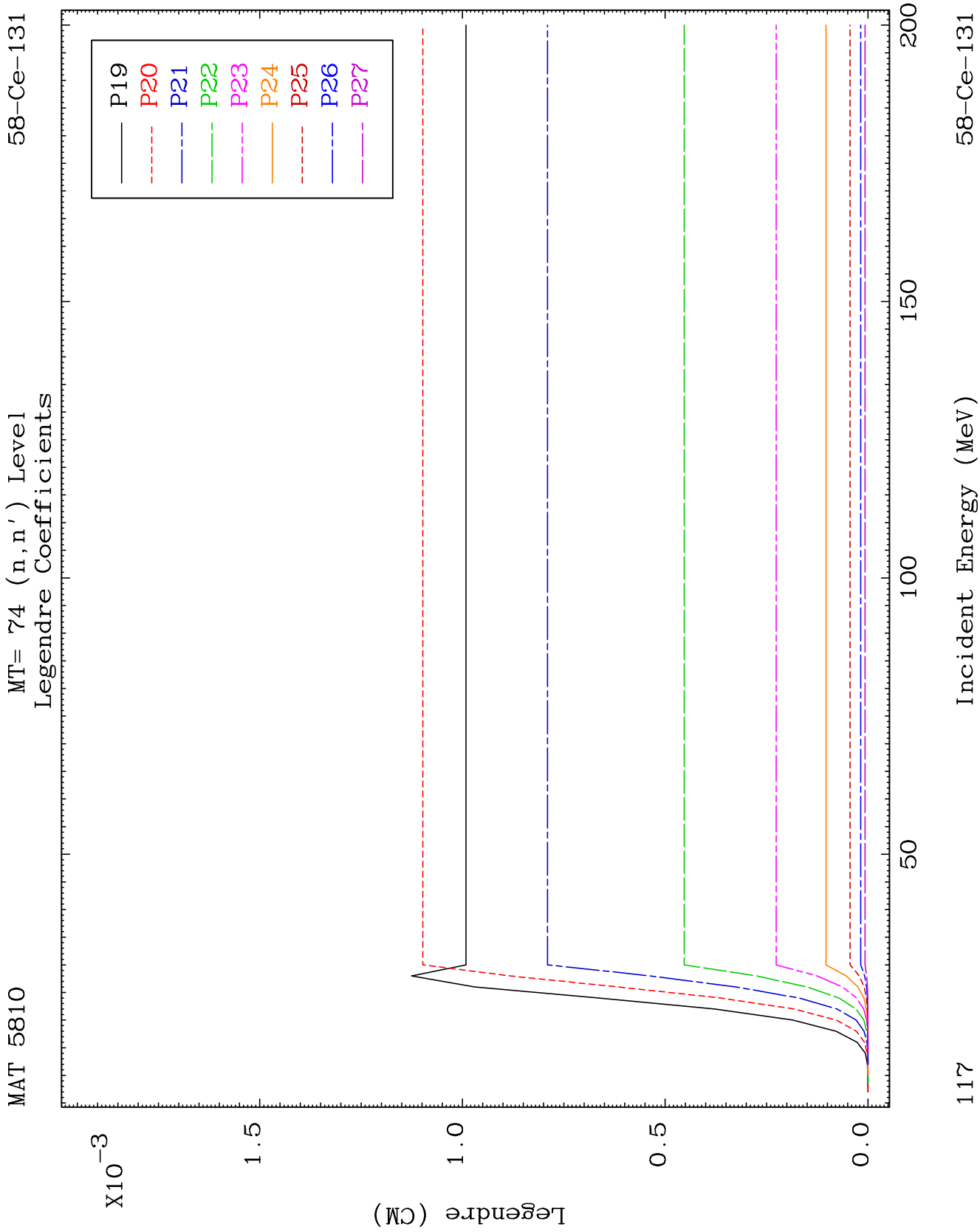








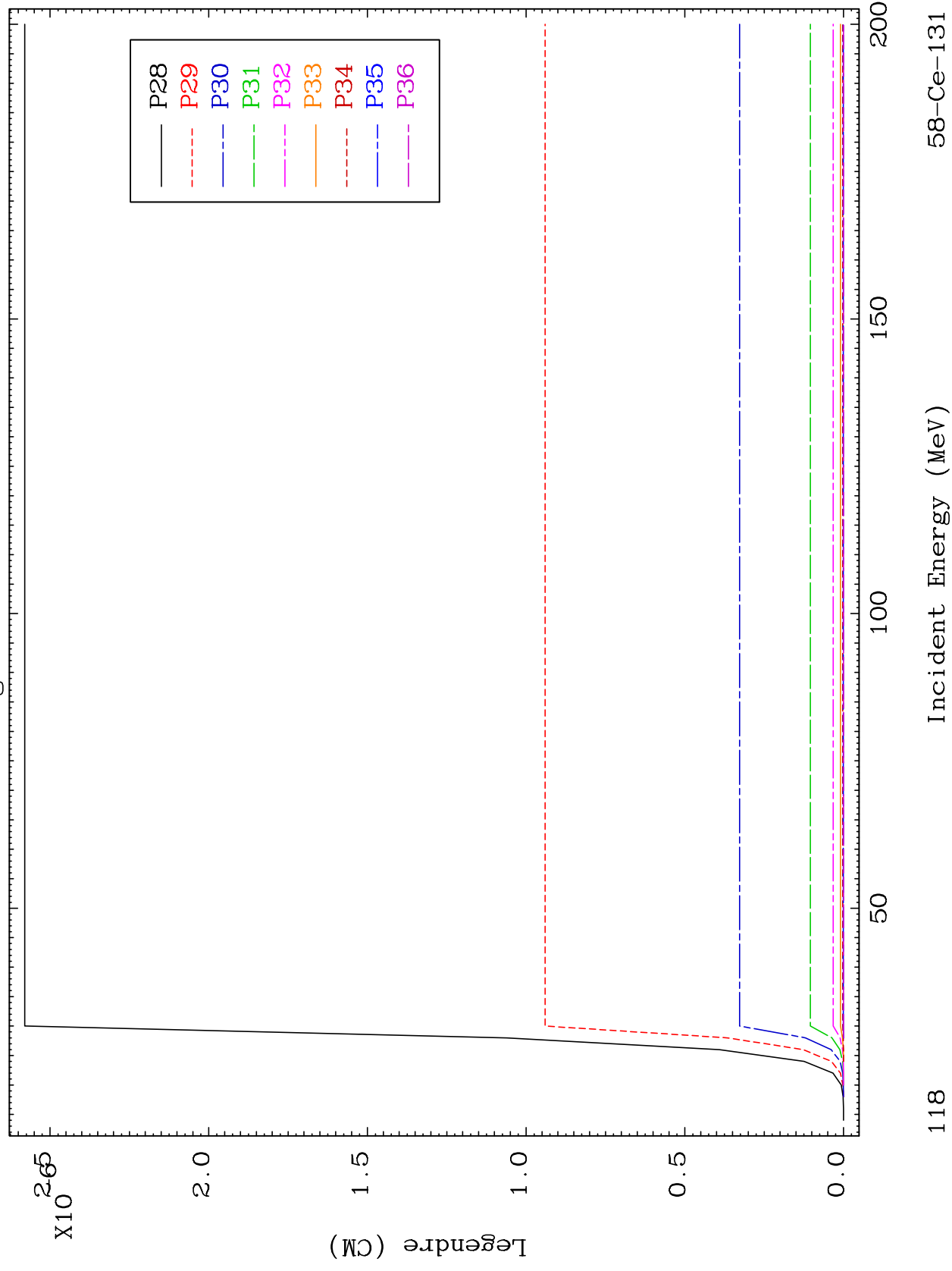




MAT 5810

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

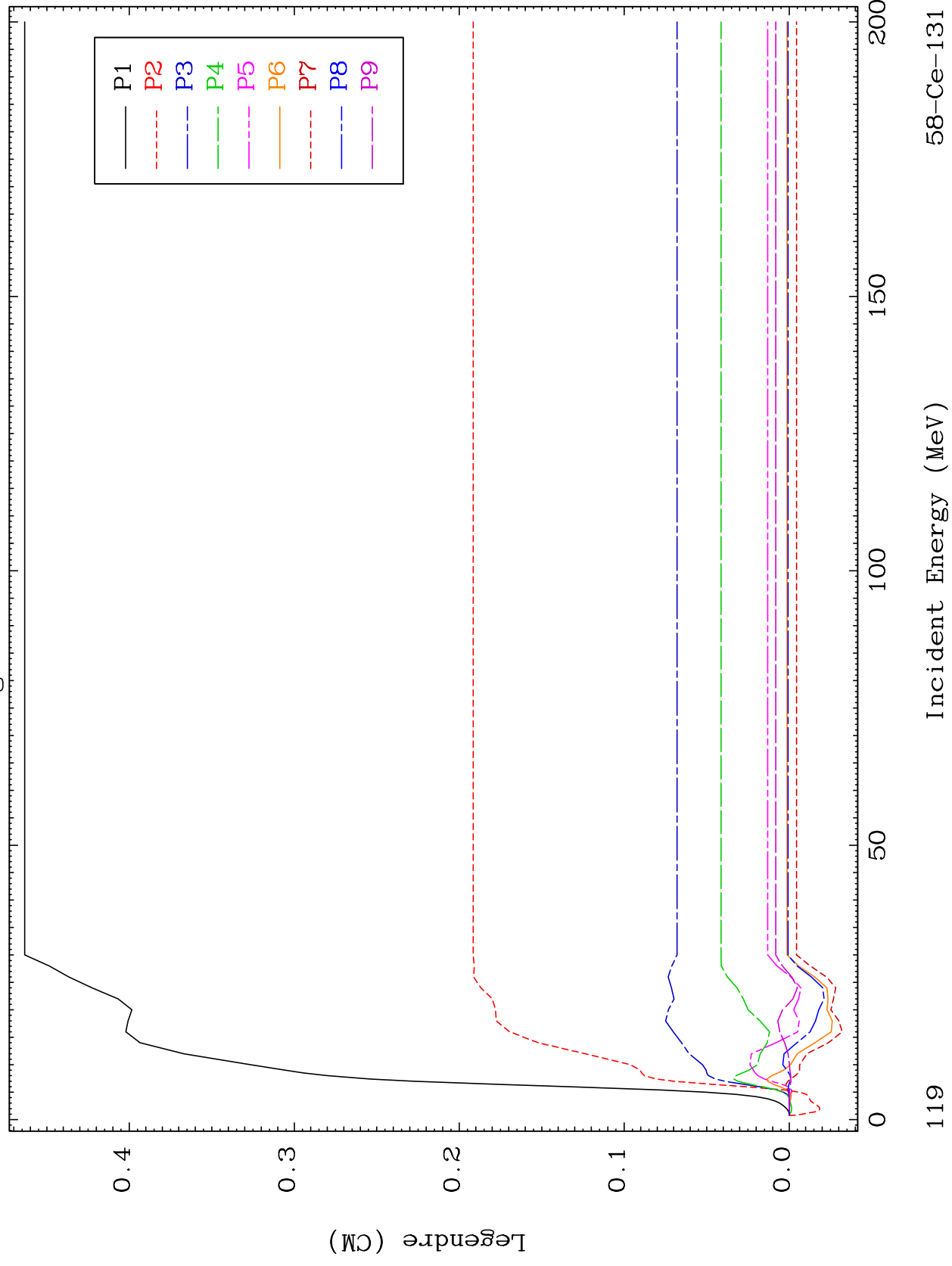
58-Ce-131



MAT 5810

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

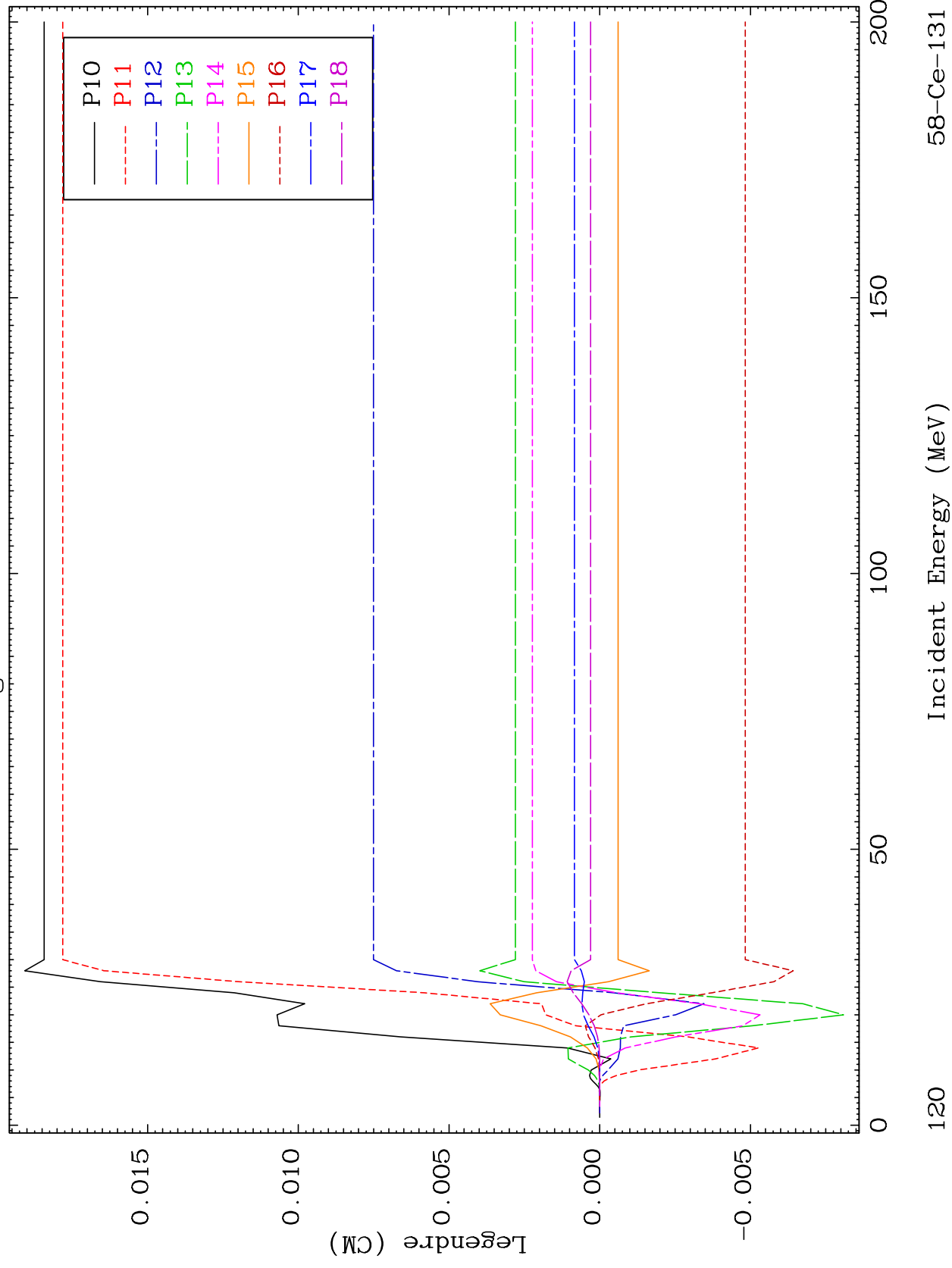
58-Ce-131

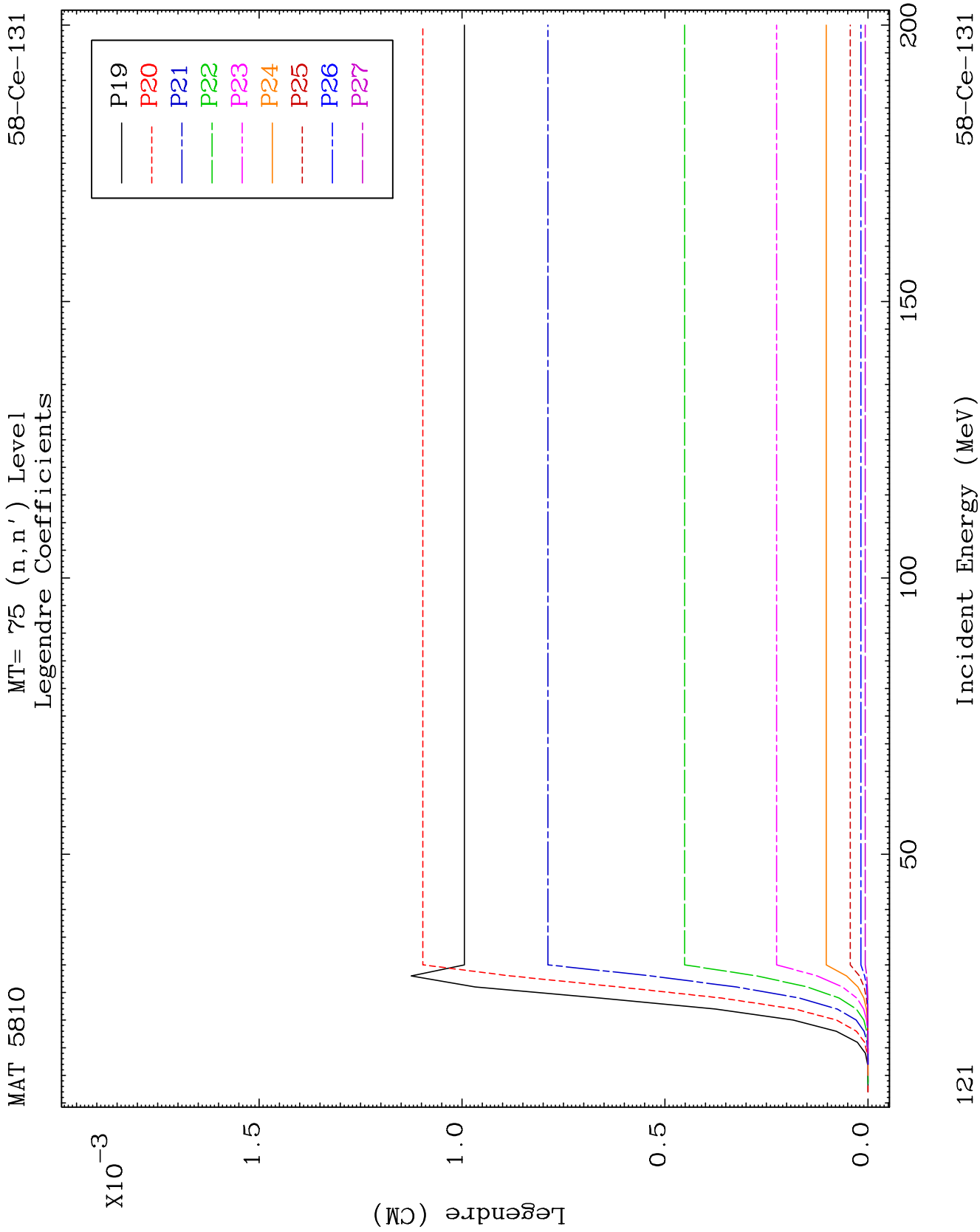


MAT 5810

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

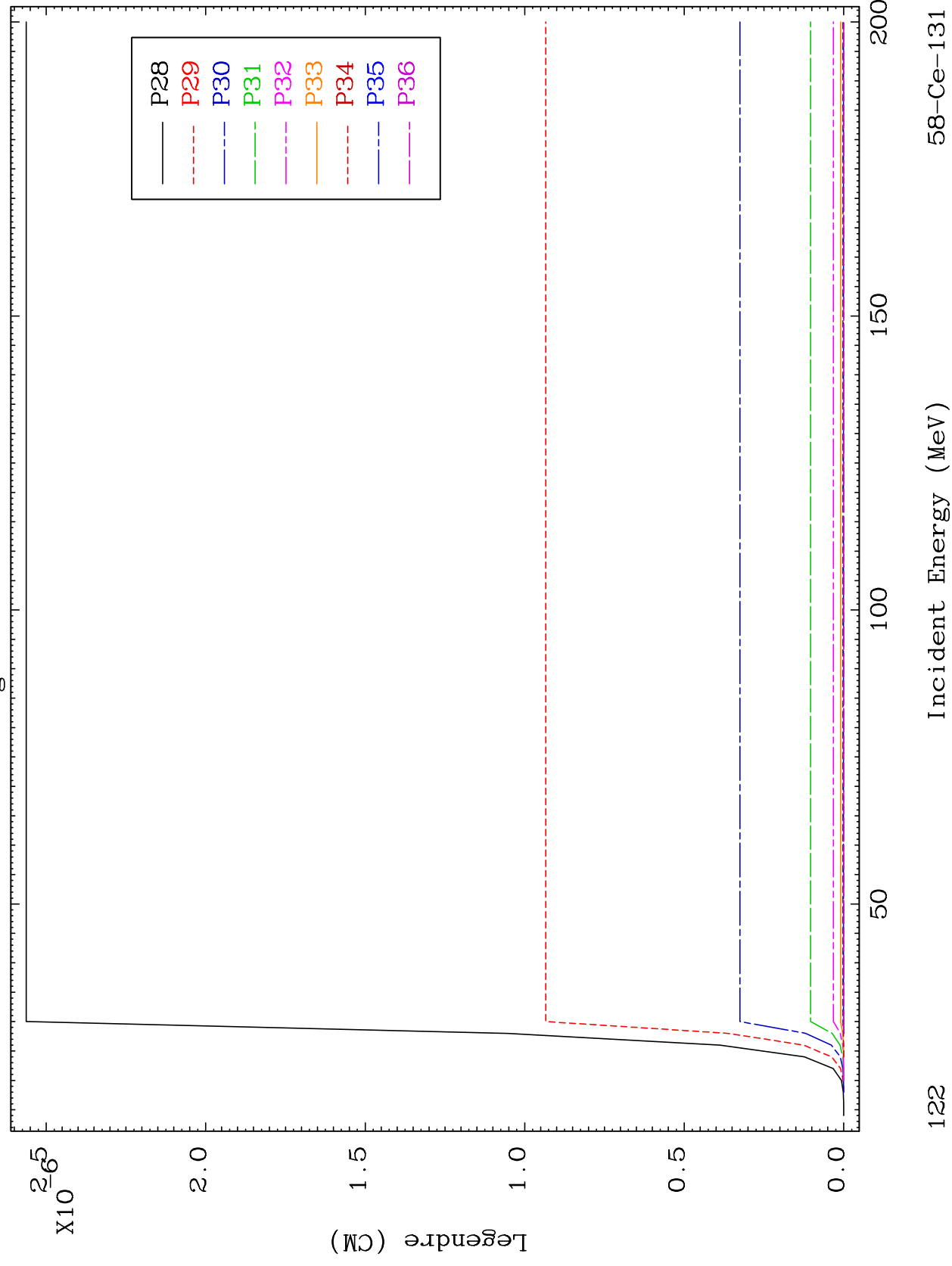
58-Ce-131





MAT 5810

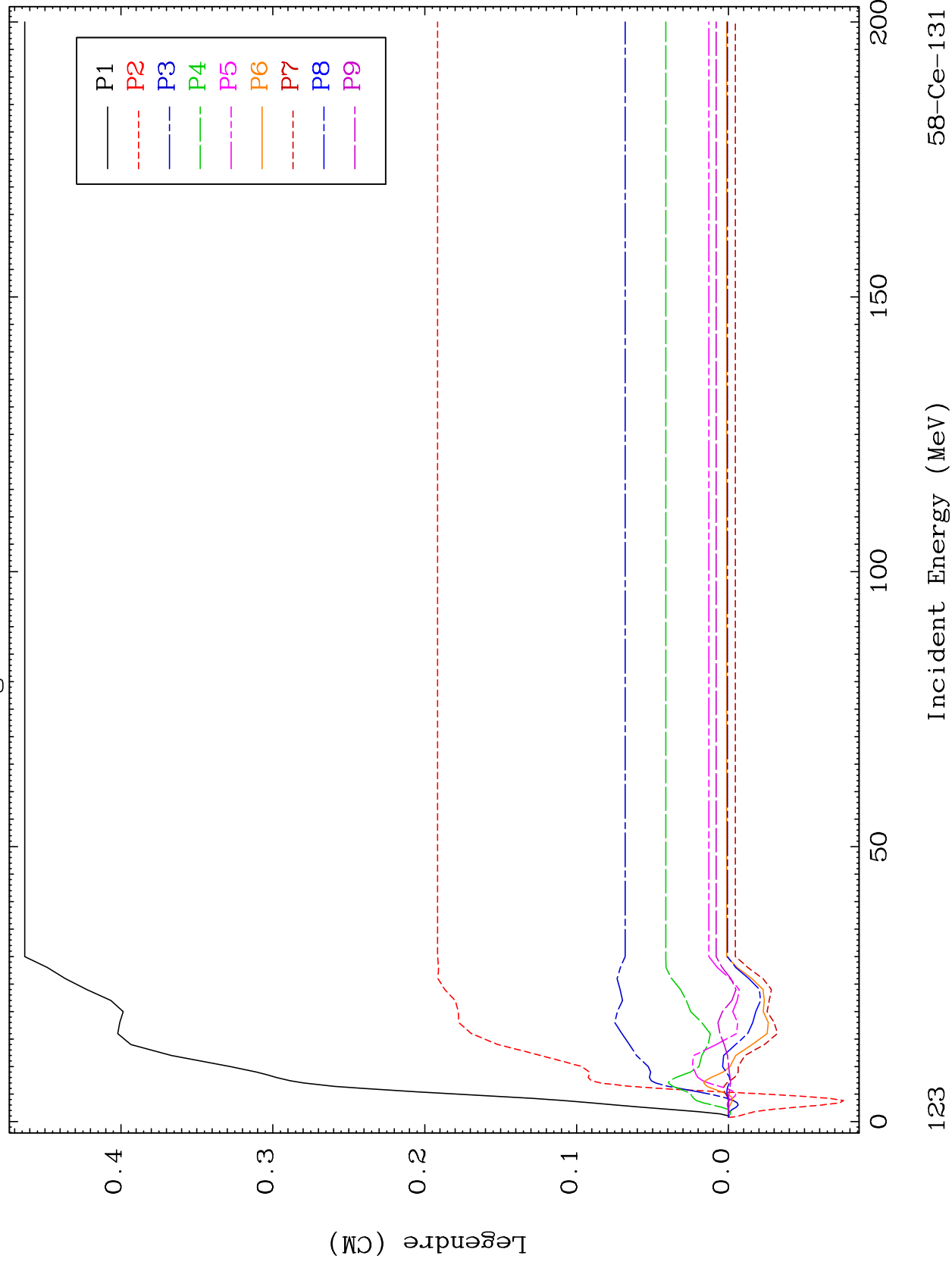
MT= 75 (n, n') Level
Legendre Coefficients

 $^{58}\text{Ce}-131$ 

MAT 5810

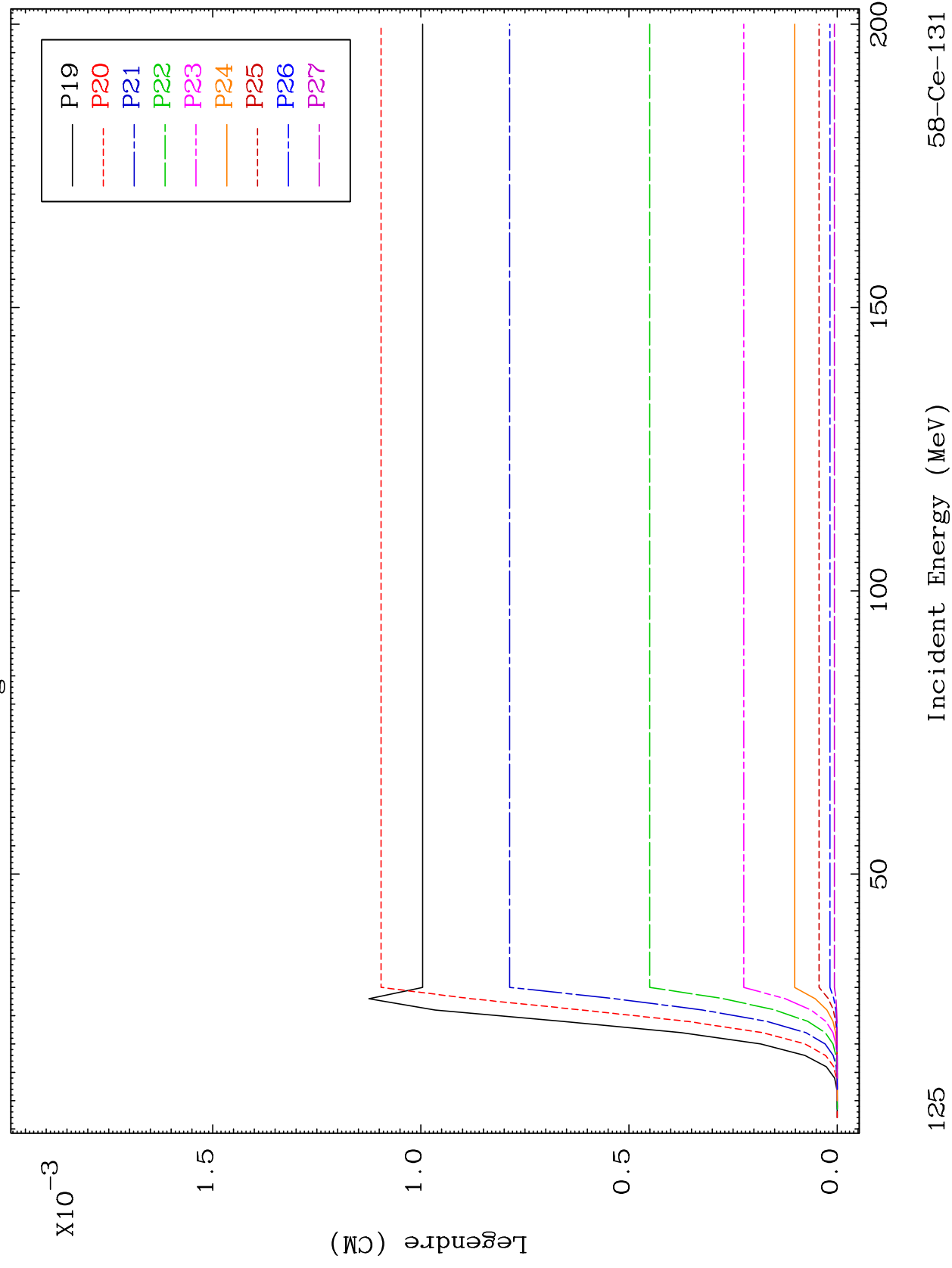
MT= 76 (n, n') Level
Legendre Coefficients

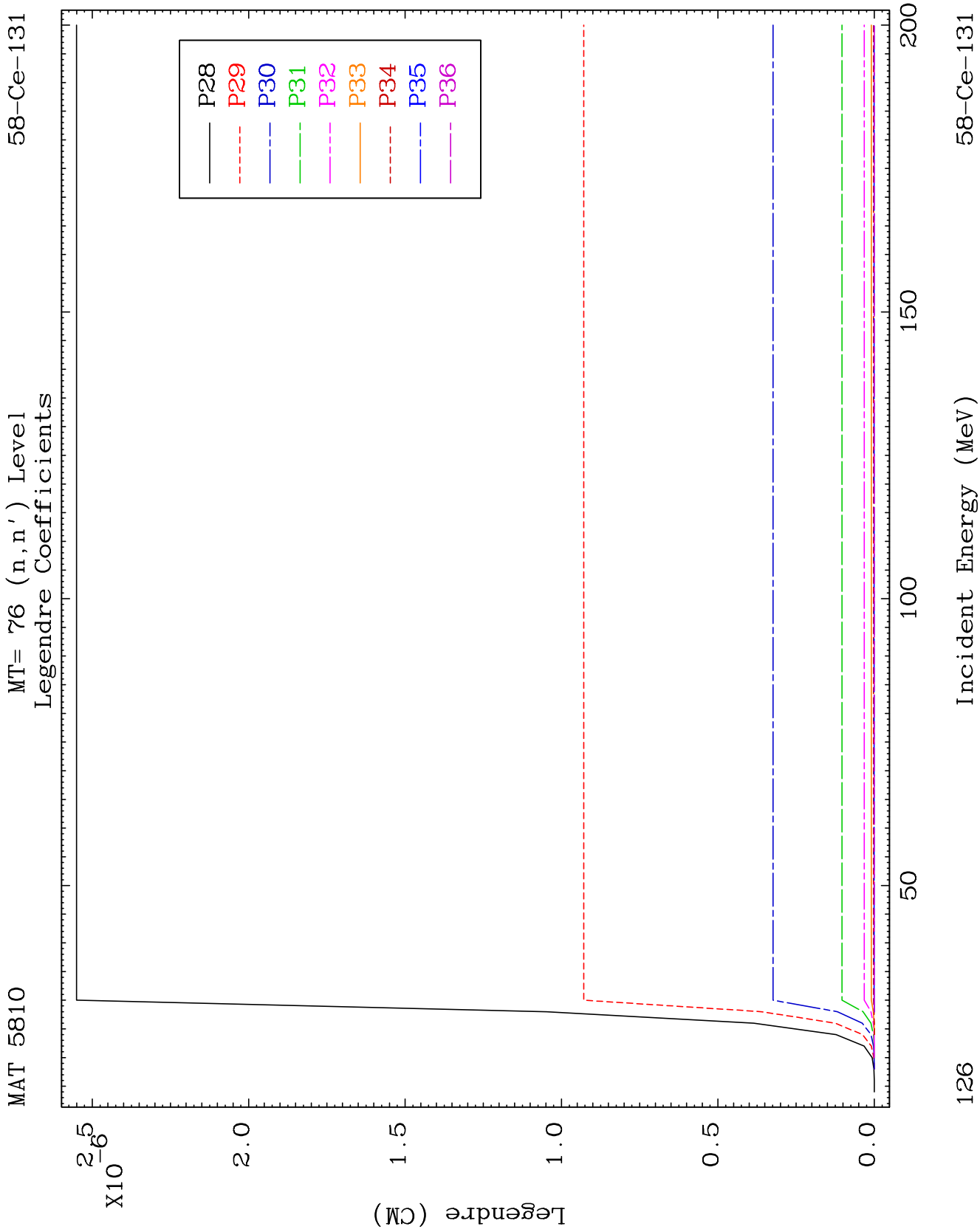
58-Ce-131



MAT 5810

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

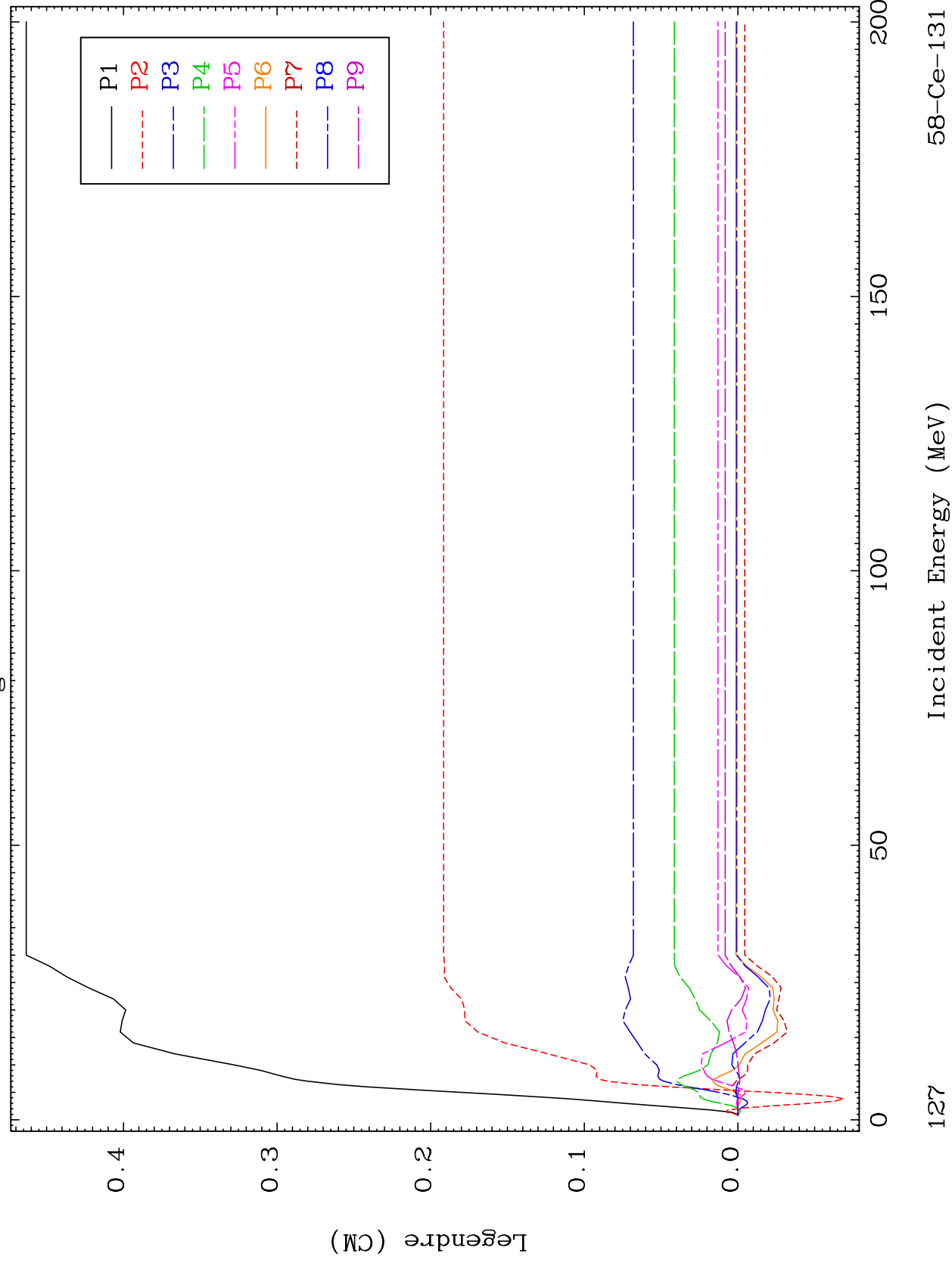
 $^{58}\text{Ce}-131$ 



MAT 5810

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

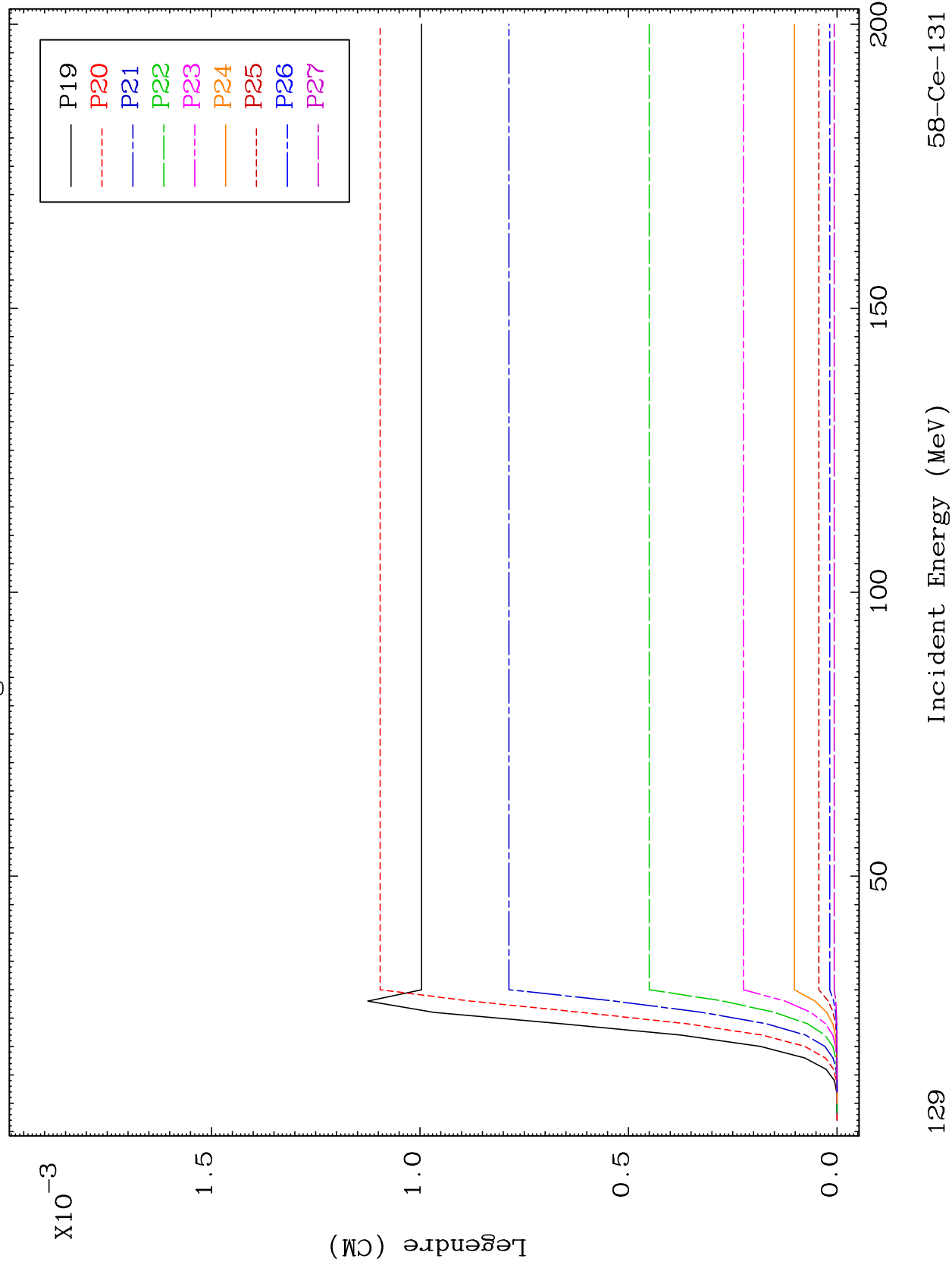
58-Ce-131



MAT 5810

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

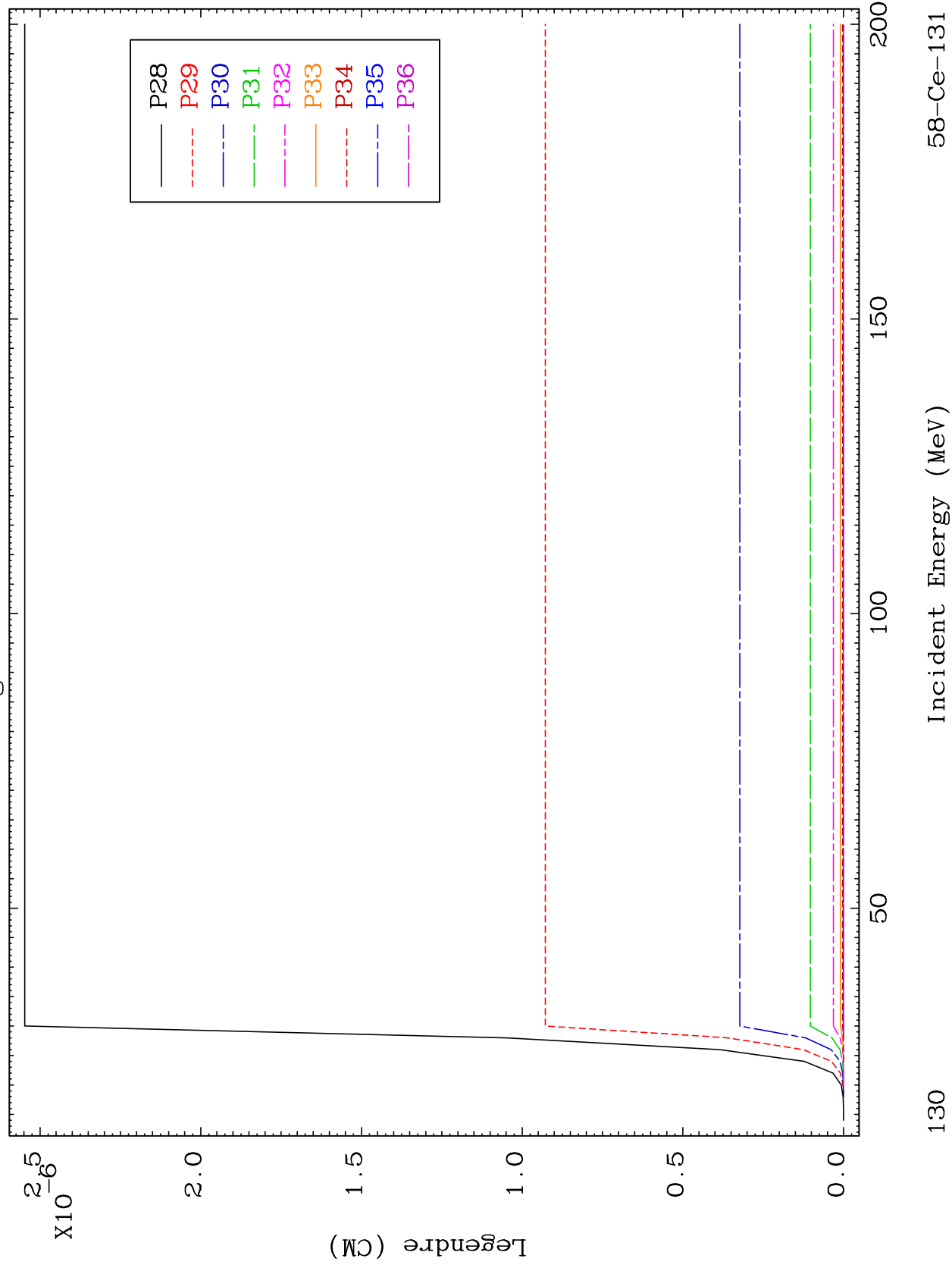
58-Ce-131

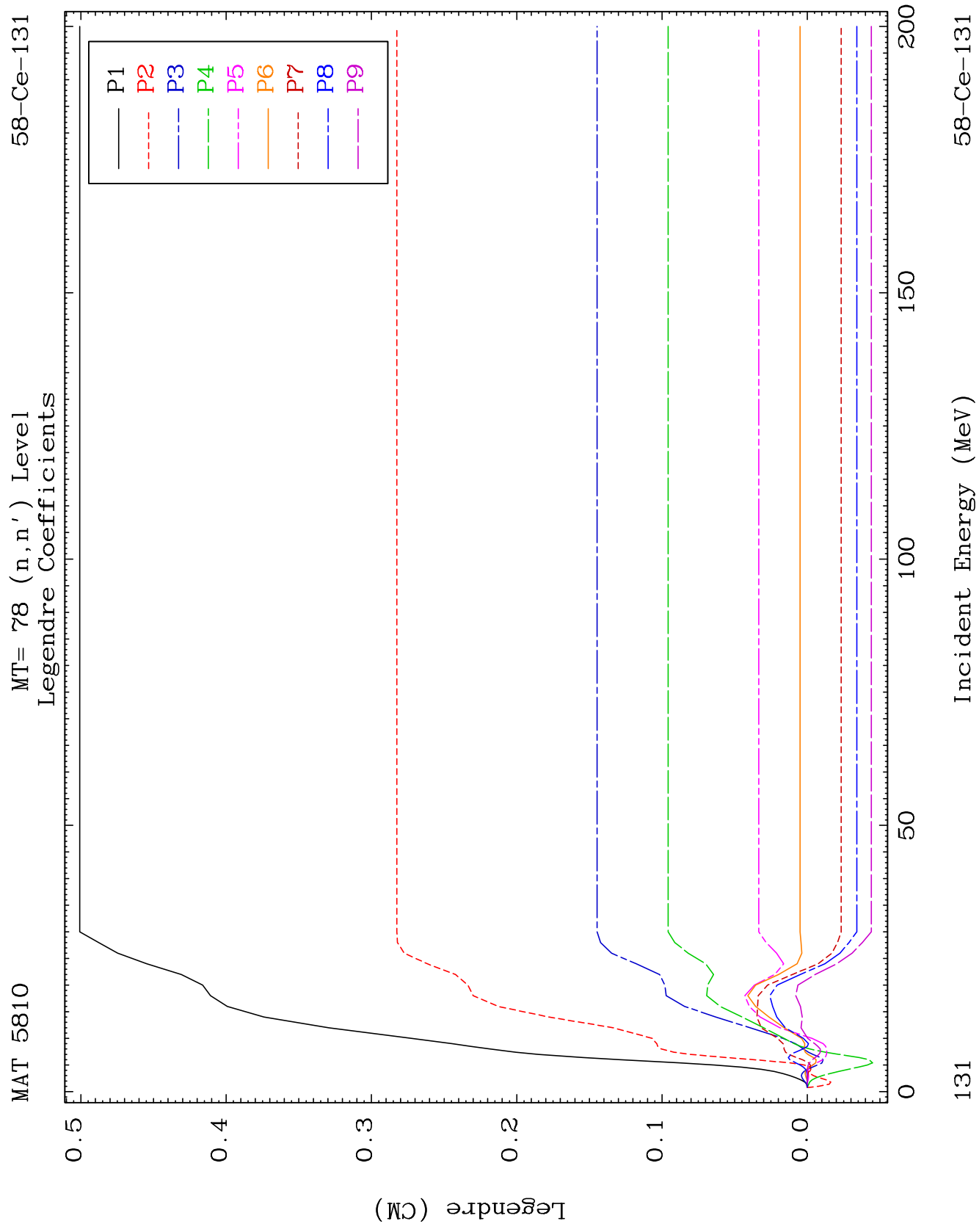


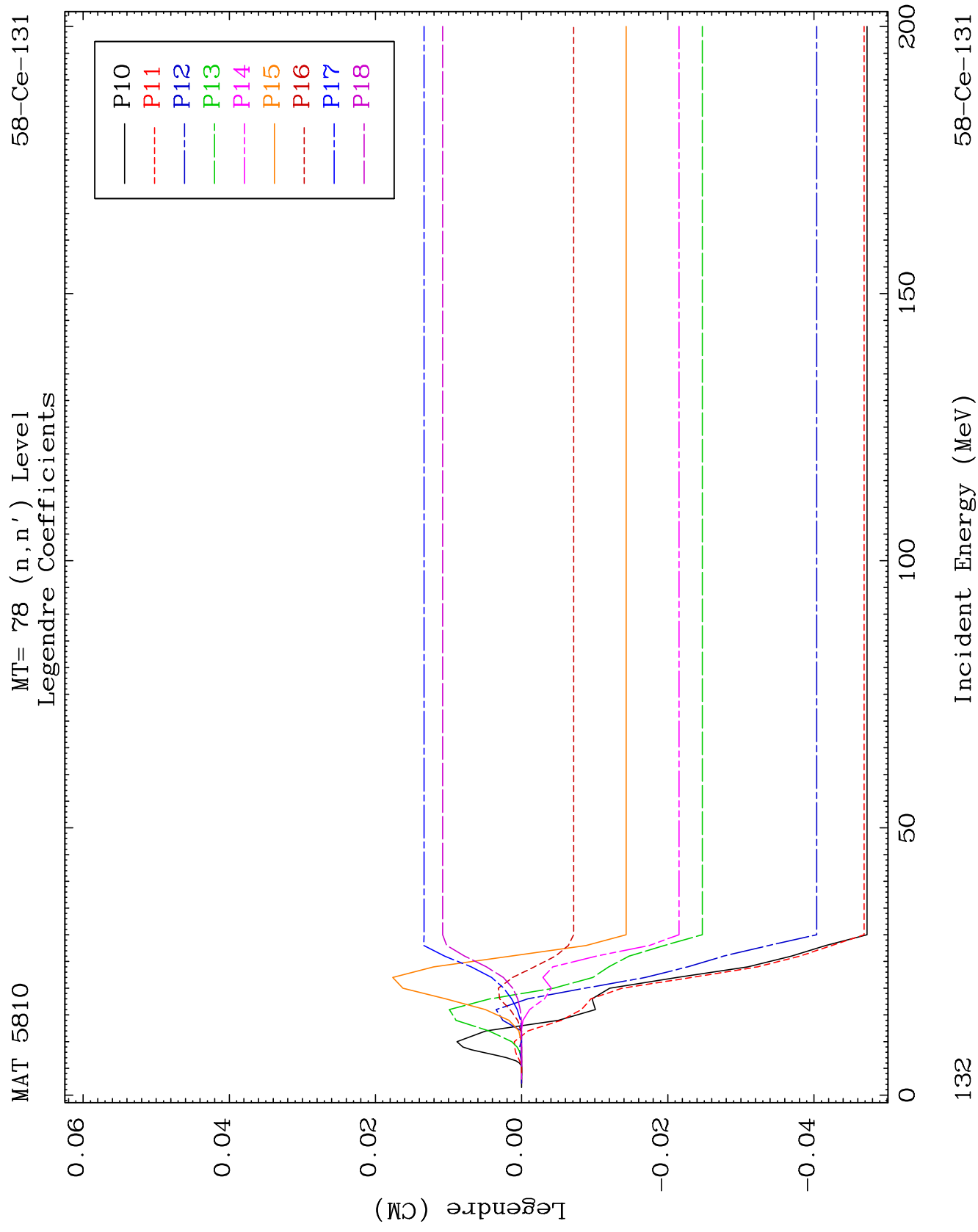
MAT 5810

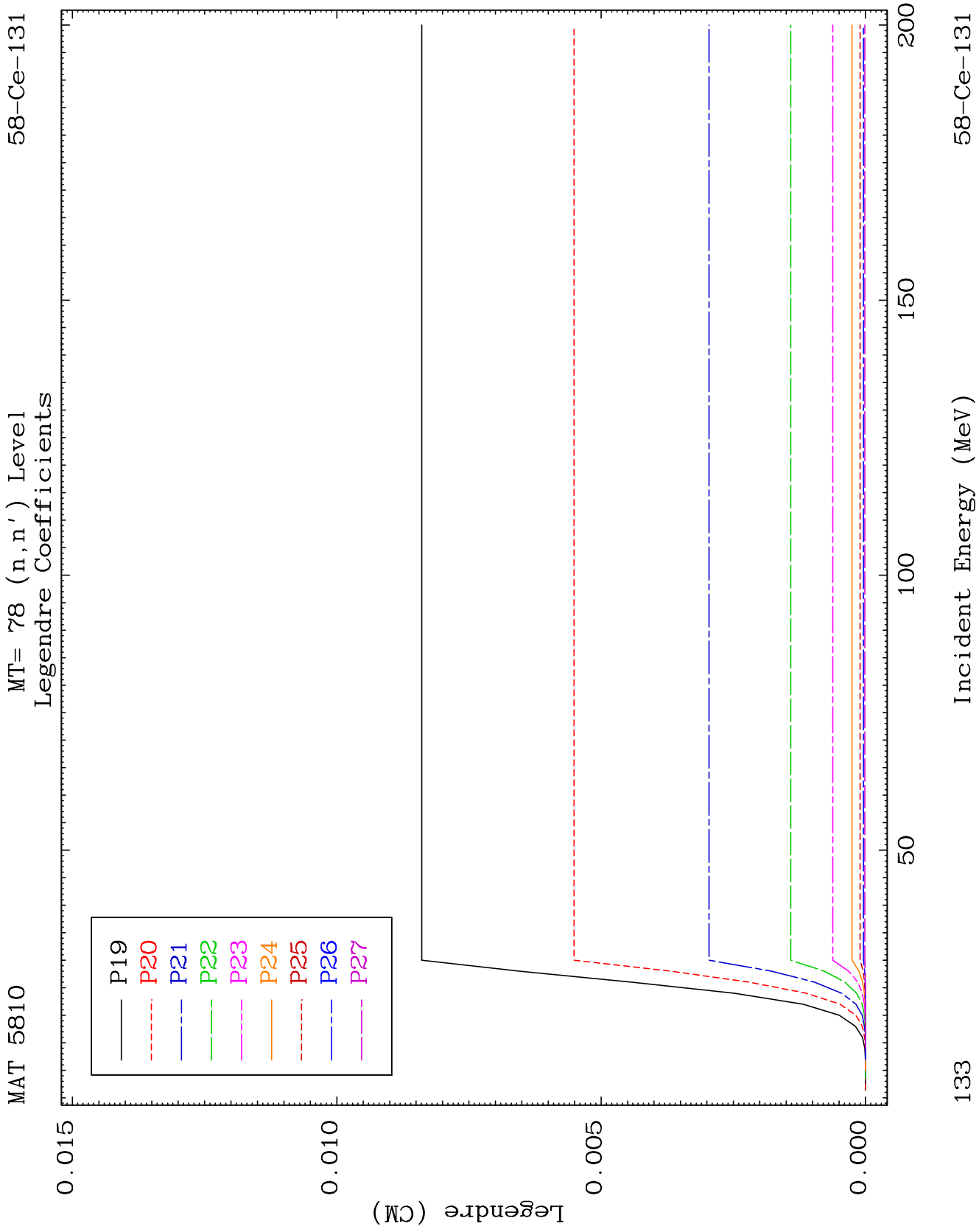
MT= 77 (n, n') Level
Legendre Coefficients

58-Ce-131





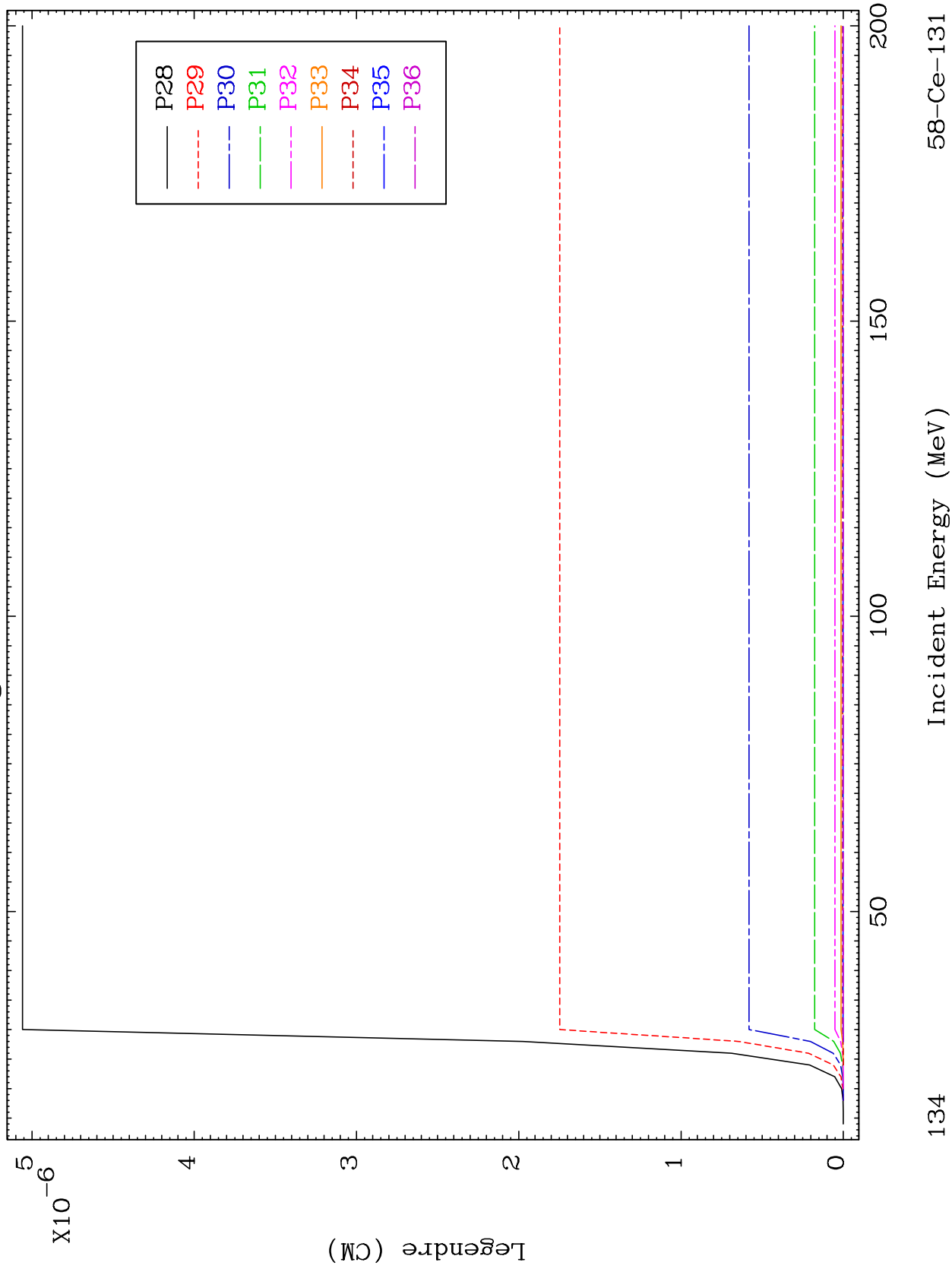


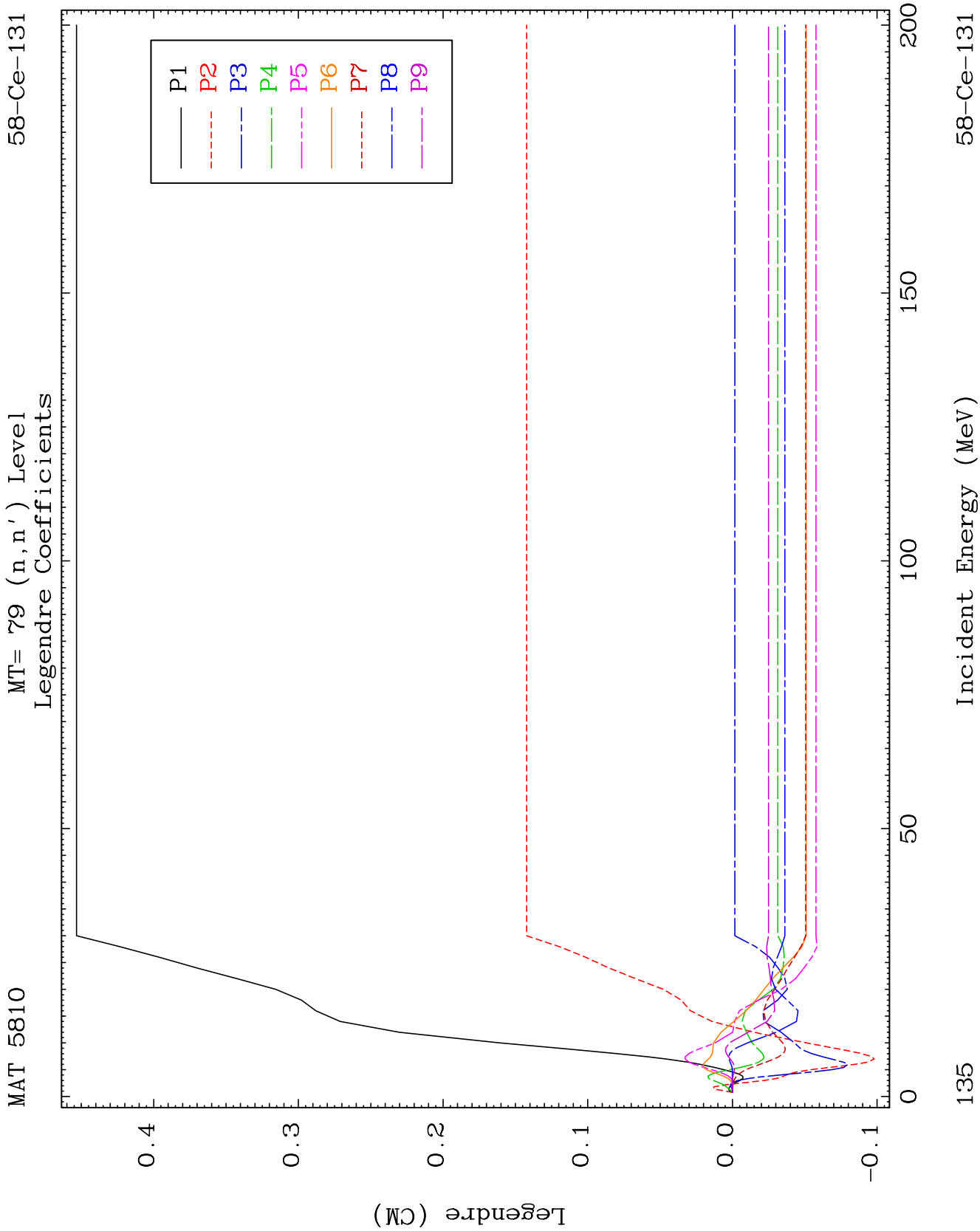


MAT 5810

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

58-Ce-131

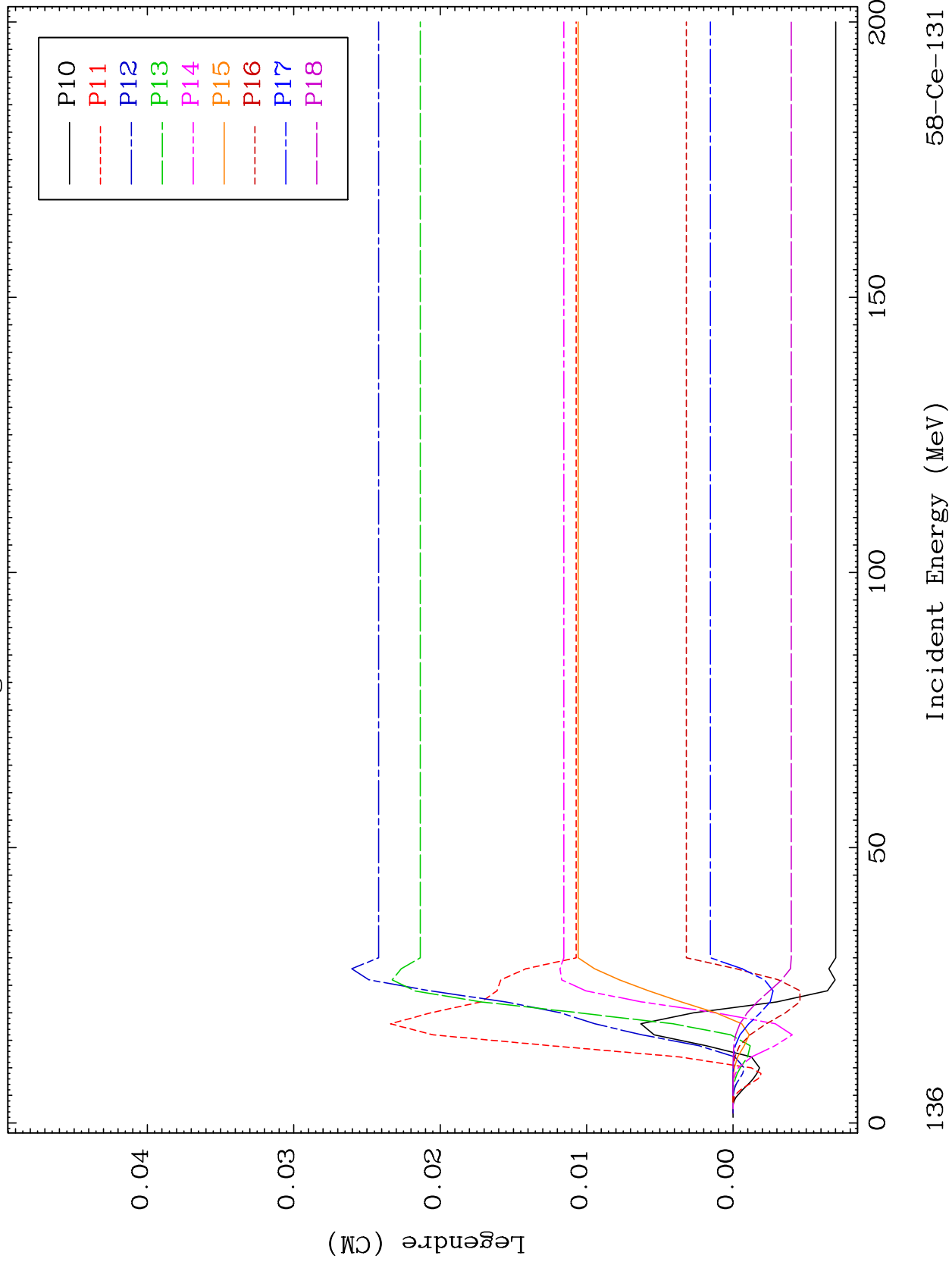




MAT 5810

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

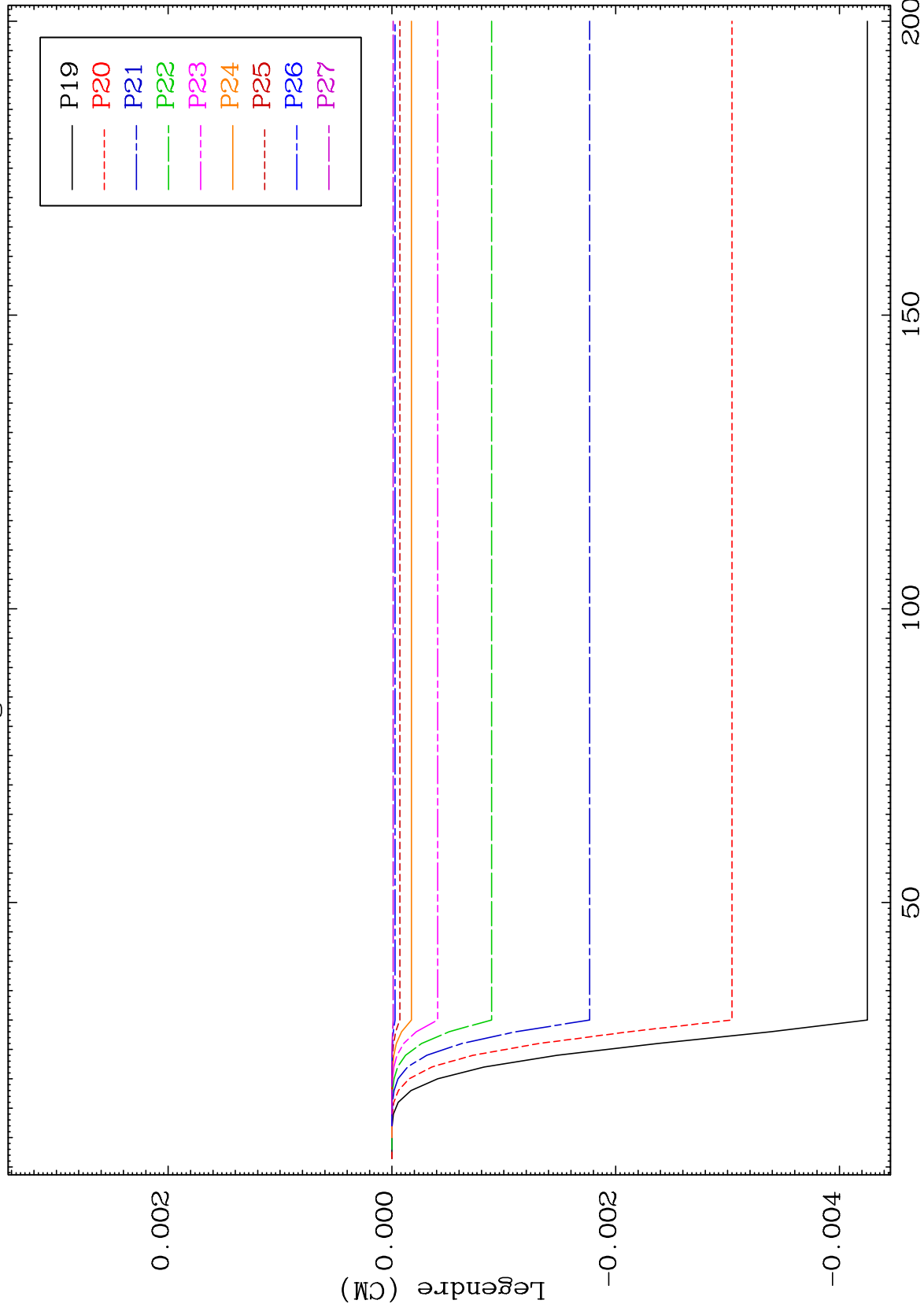
58-Ce-131



MAT 5810

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

58-Ce-131



137

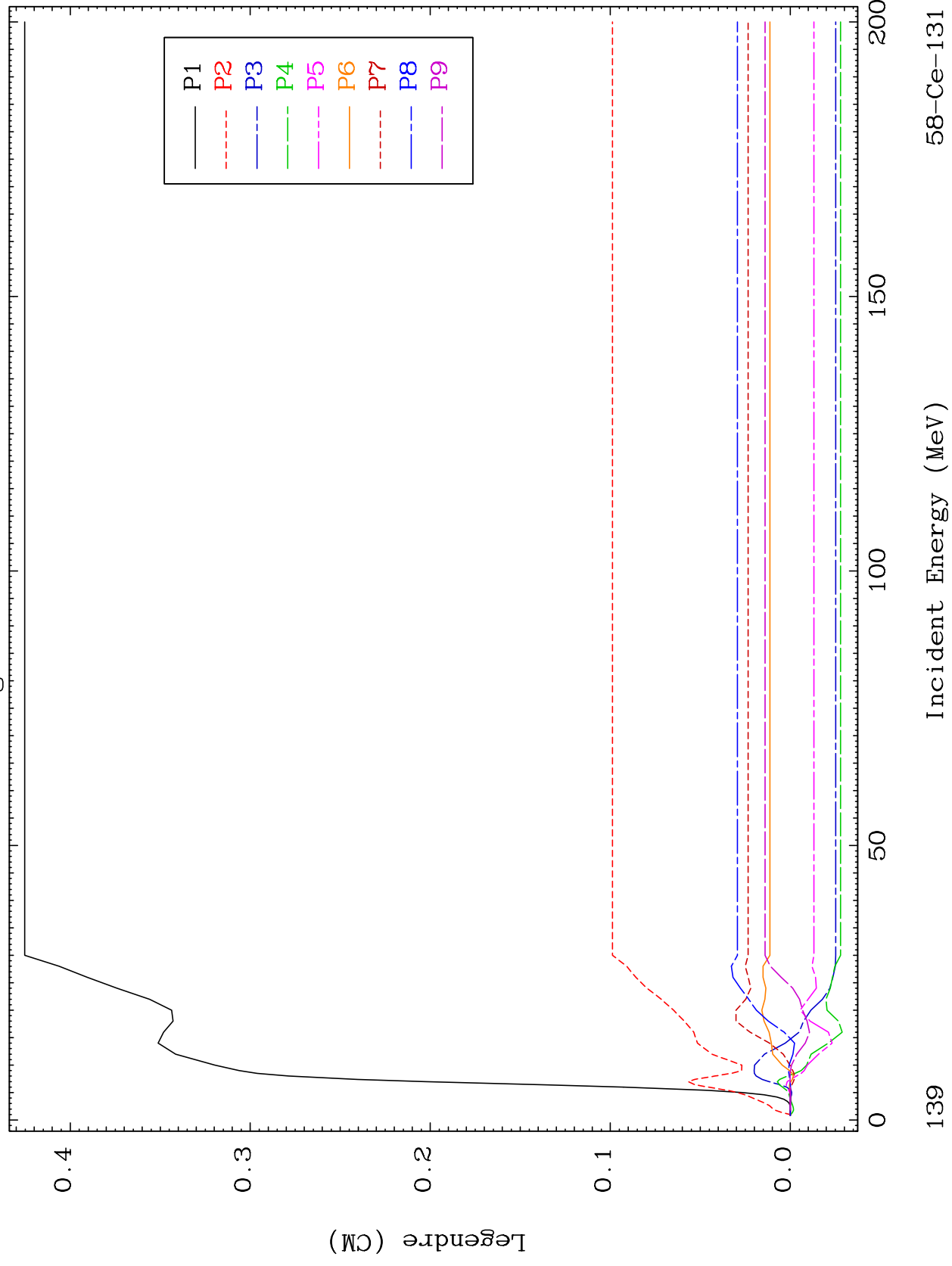
Incident Energy (MeV)

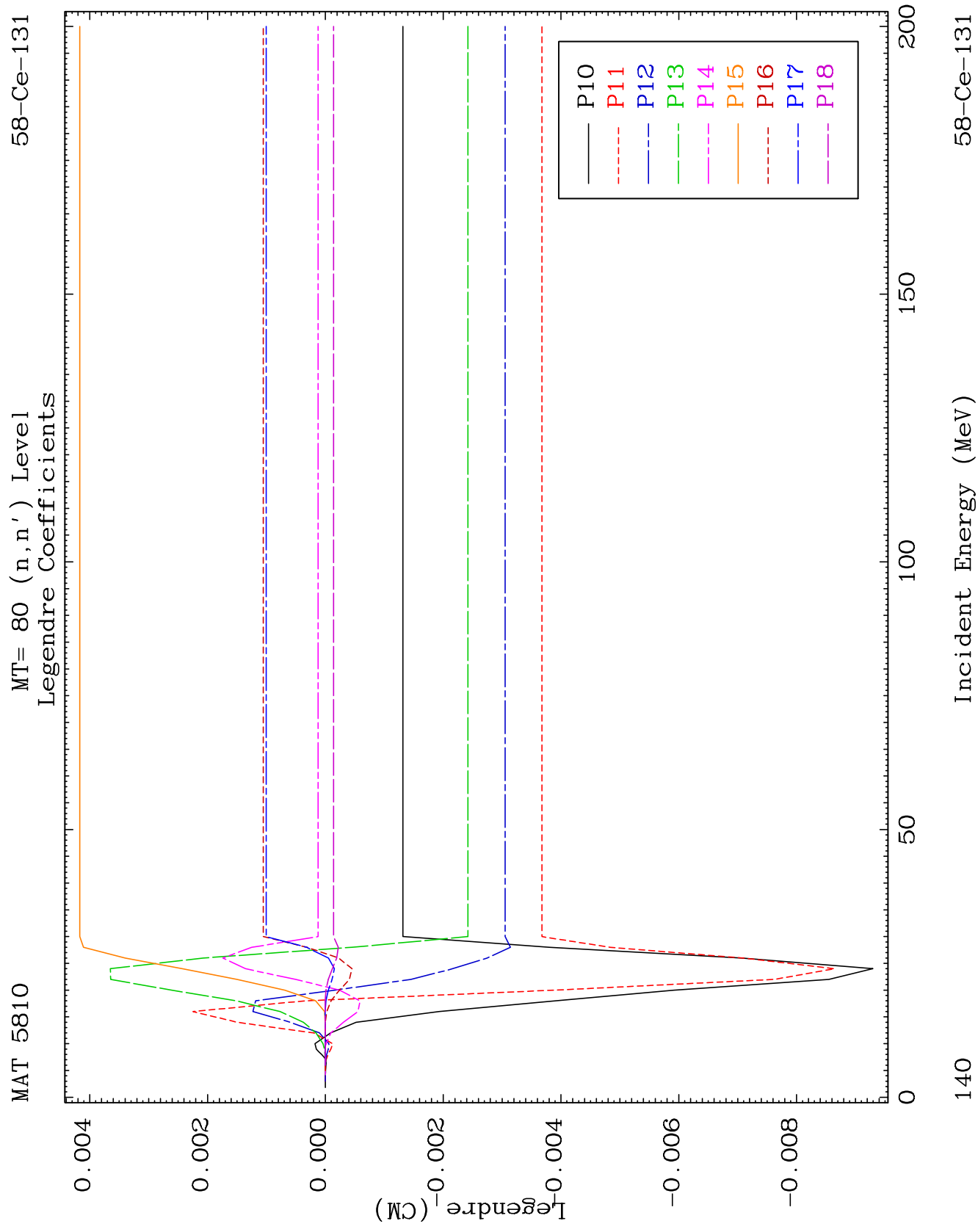
58-Ce-131

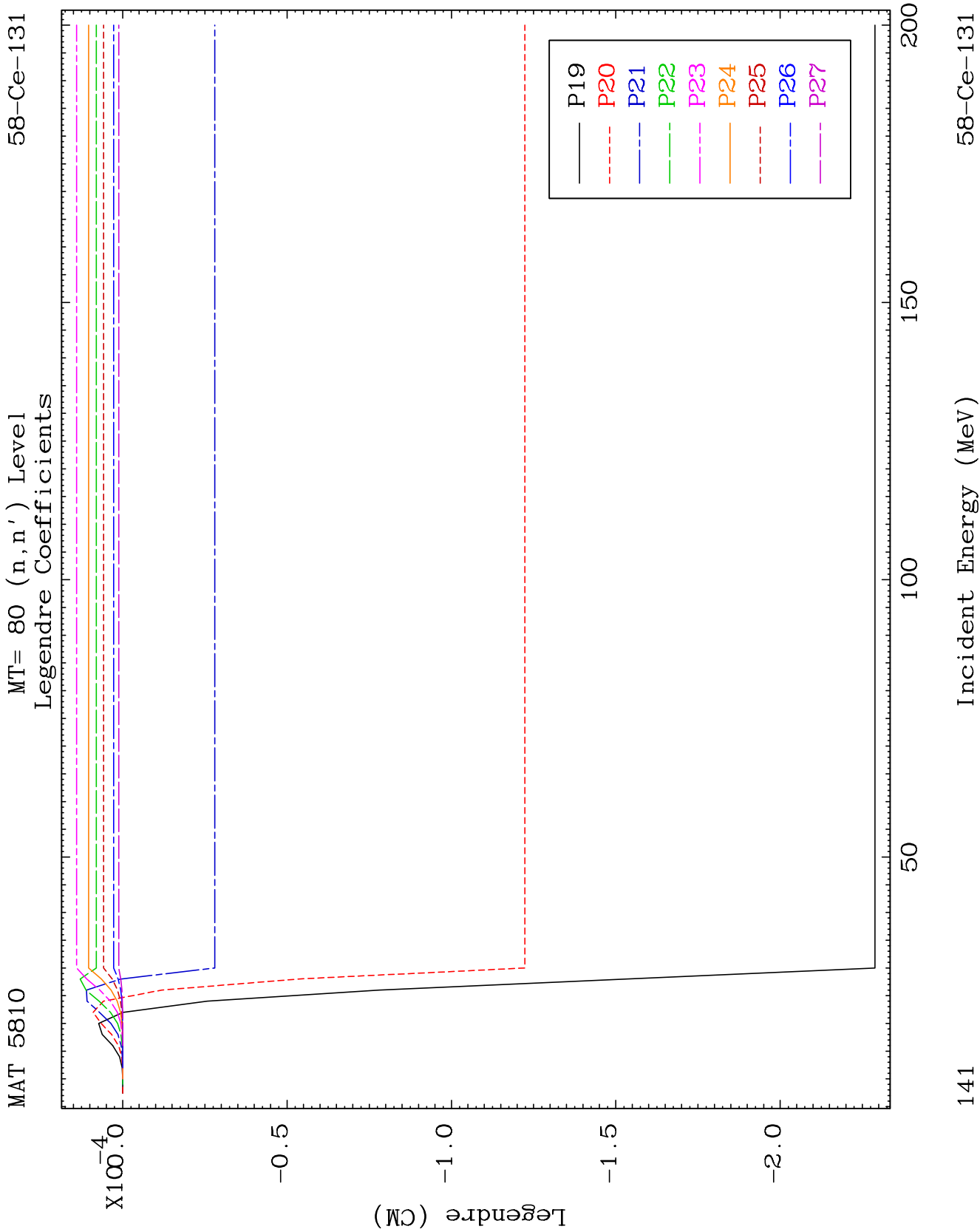
MAT 5810

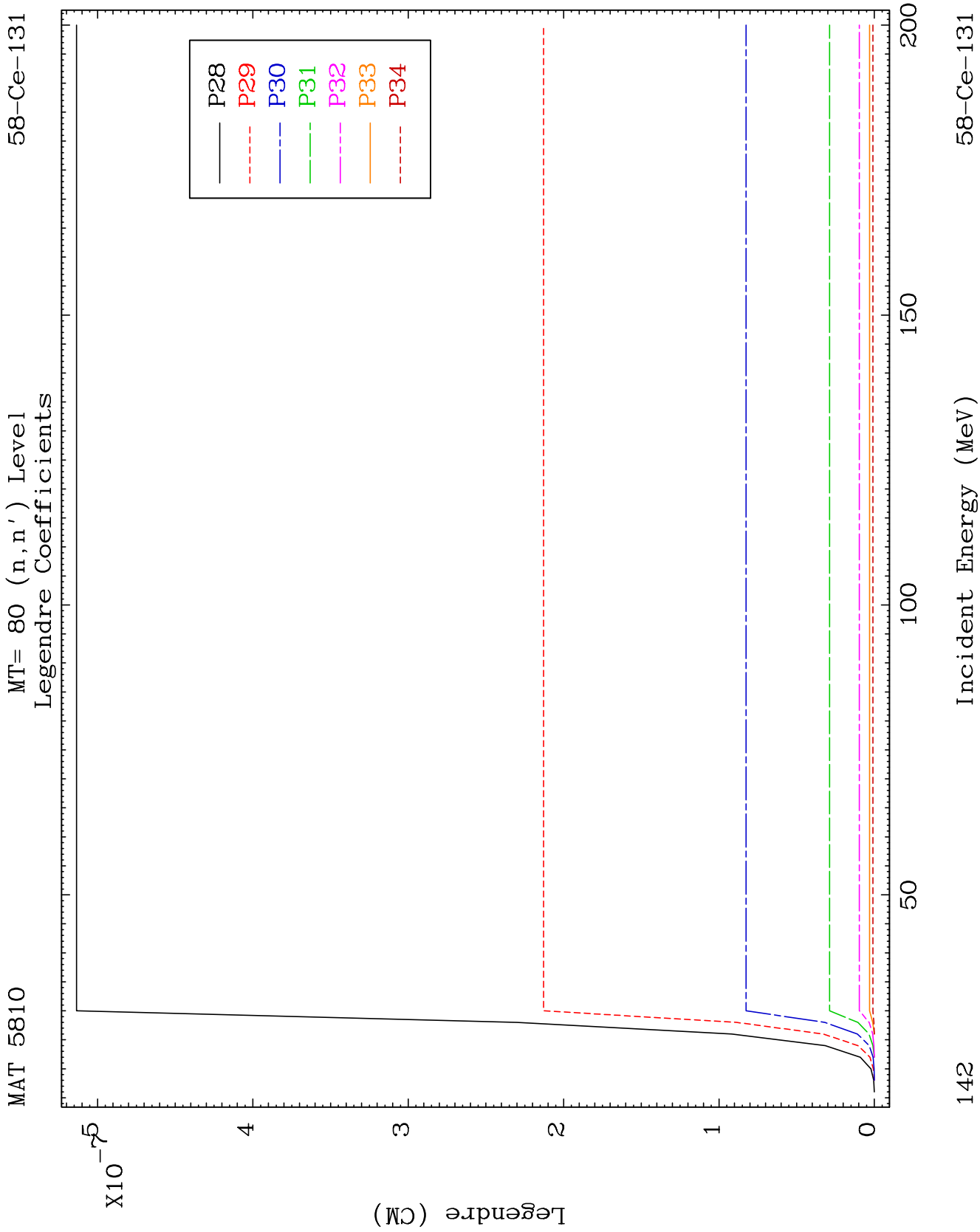
MT= 80 (n, n') Level
Legendre Coefficients

58-Ce-131





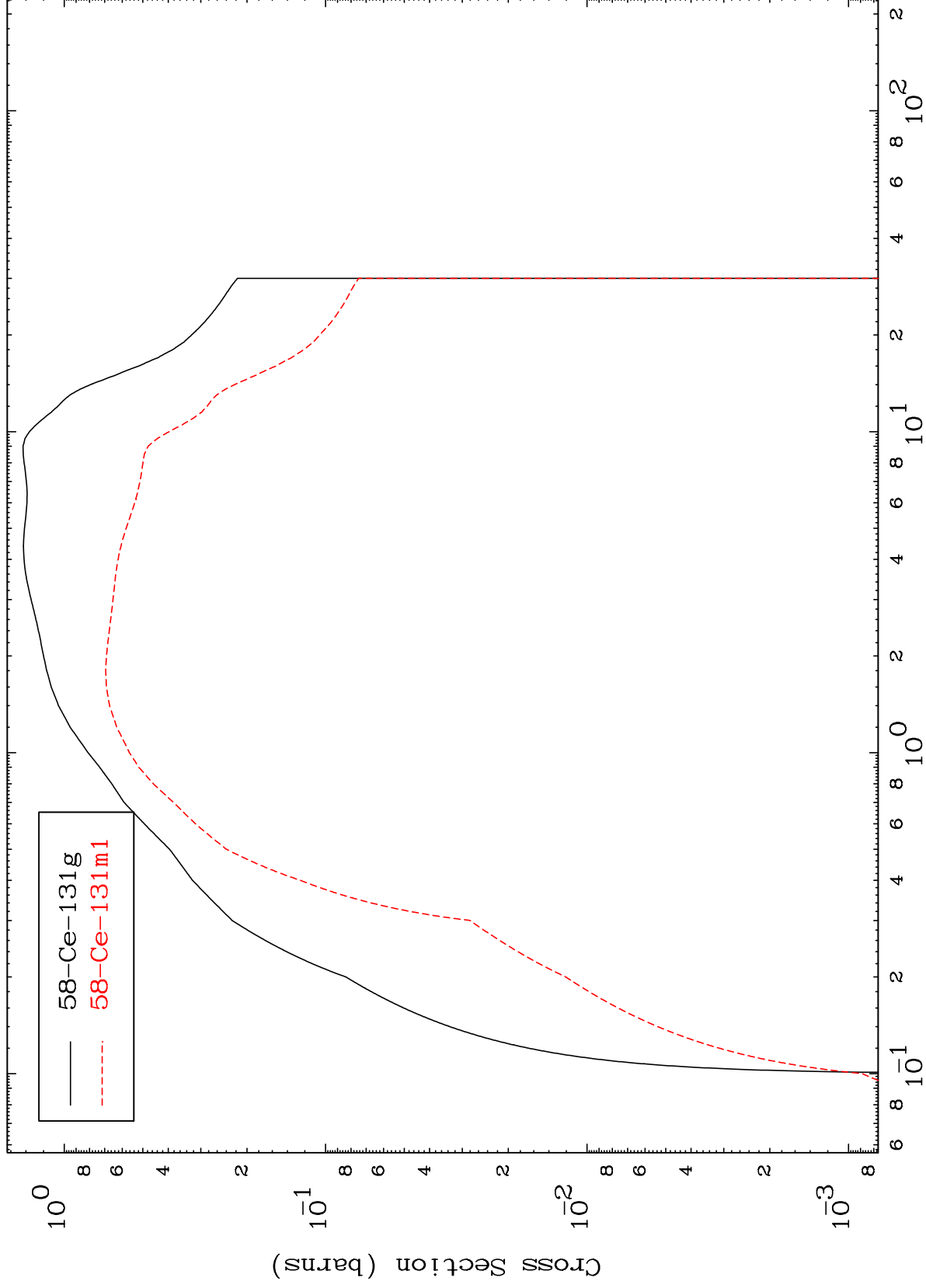




MAT 5810

58-Ce-131

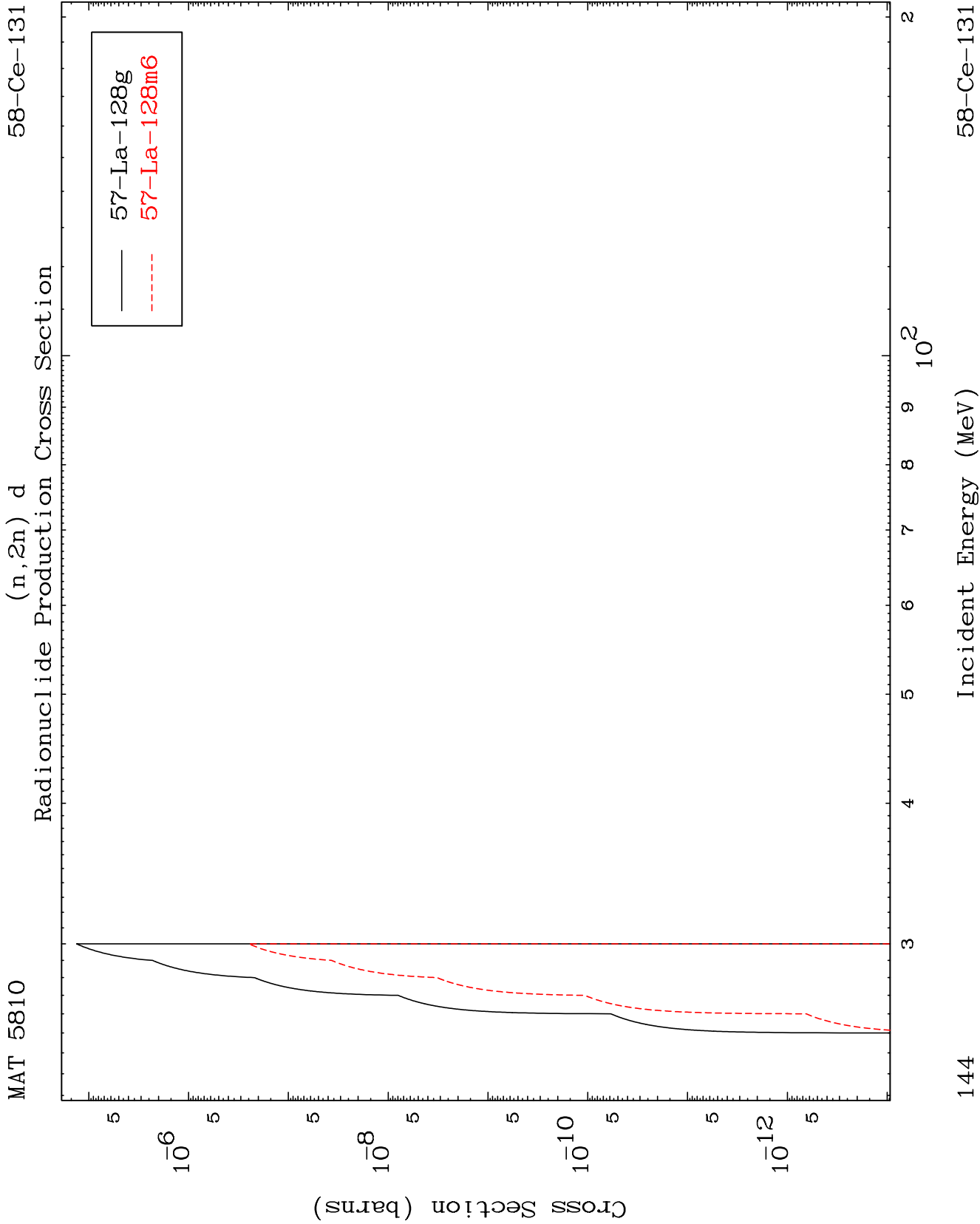
Inelastic
Radionuclide Production Cross Section



143

Incident Energy (MeV)

58-Ce-131

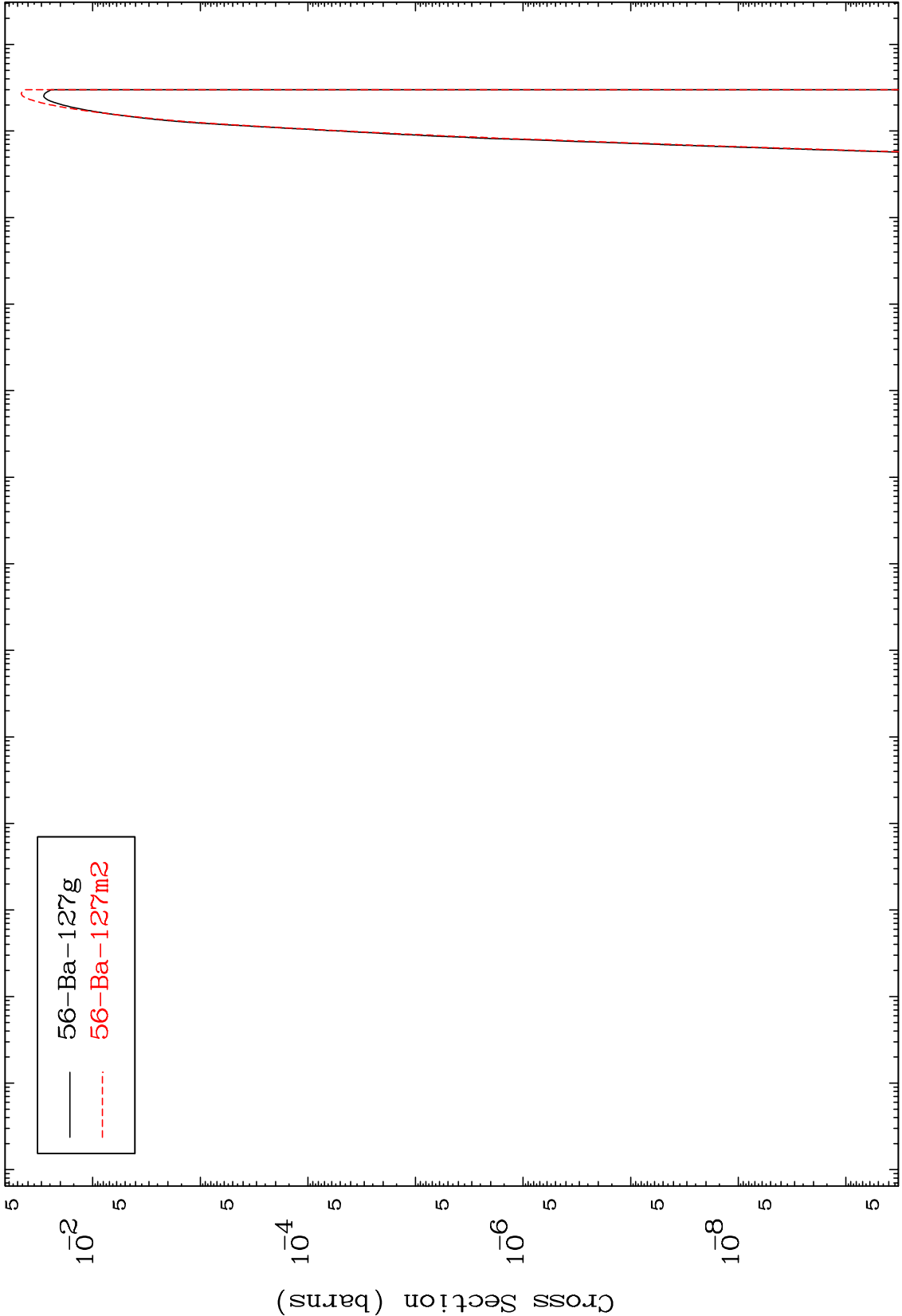


MAT 5810

$(n,n') \alpha$

58-Ce-131

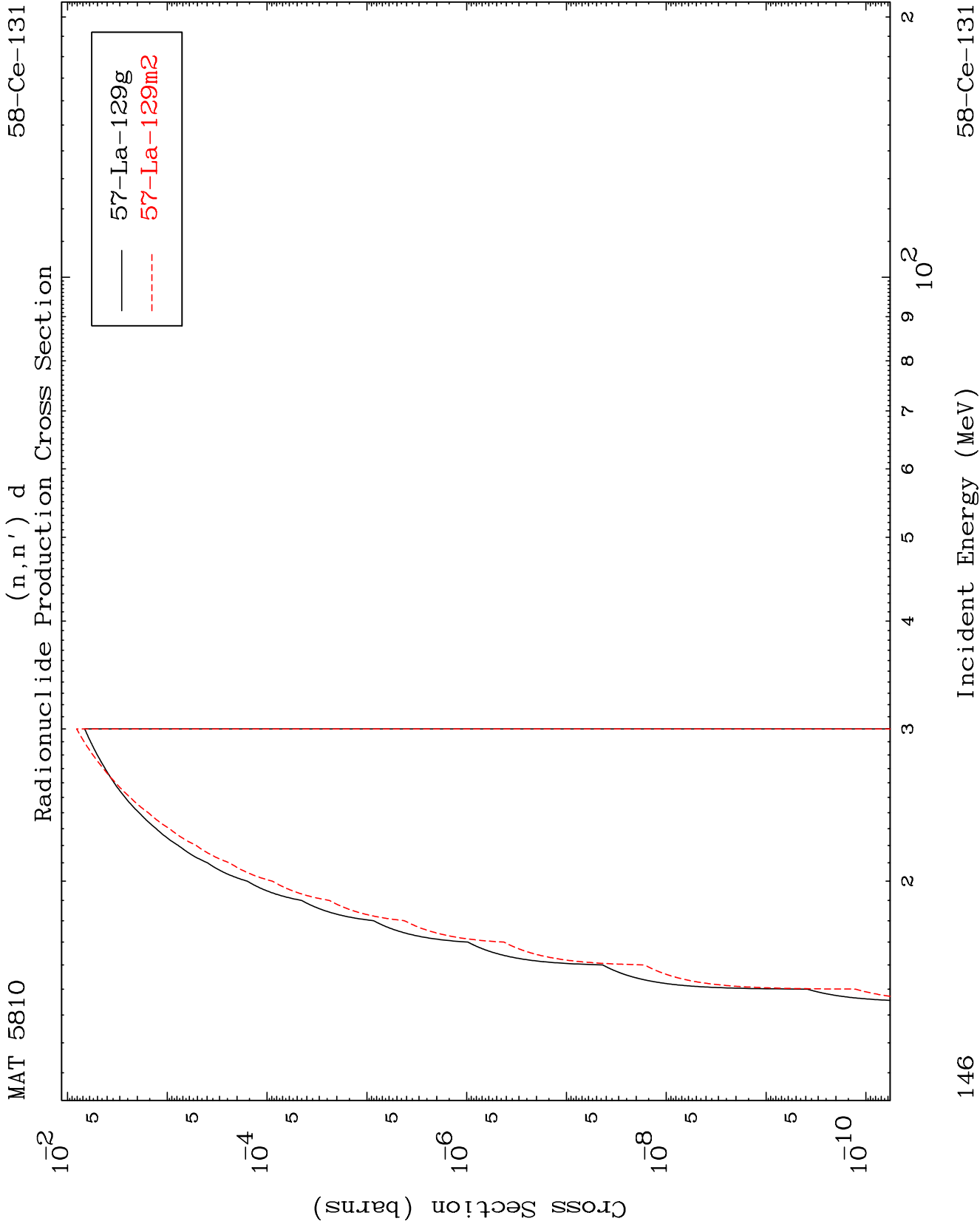
Radionuclide Production Cross Section

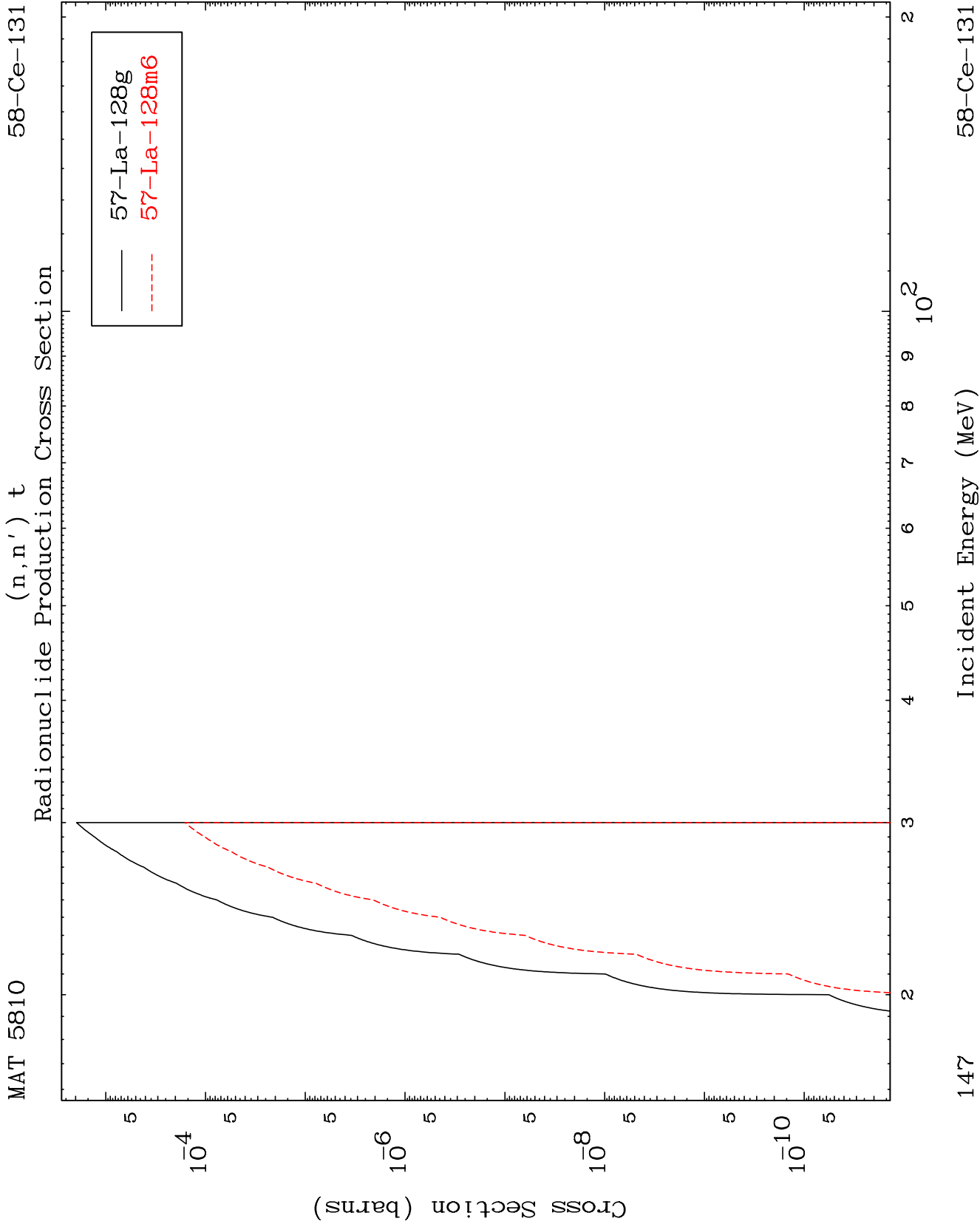


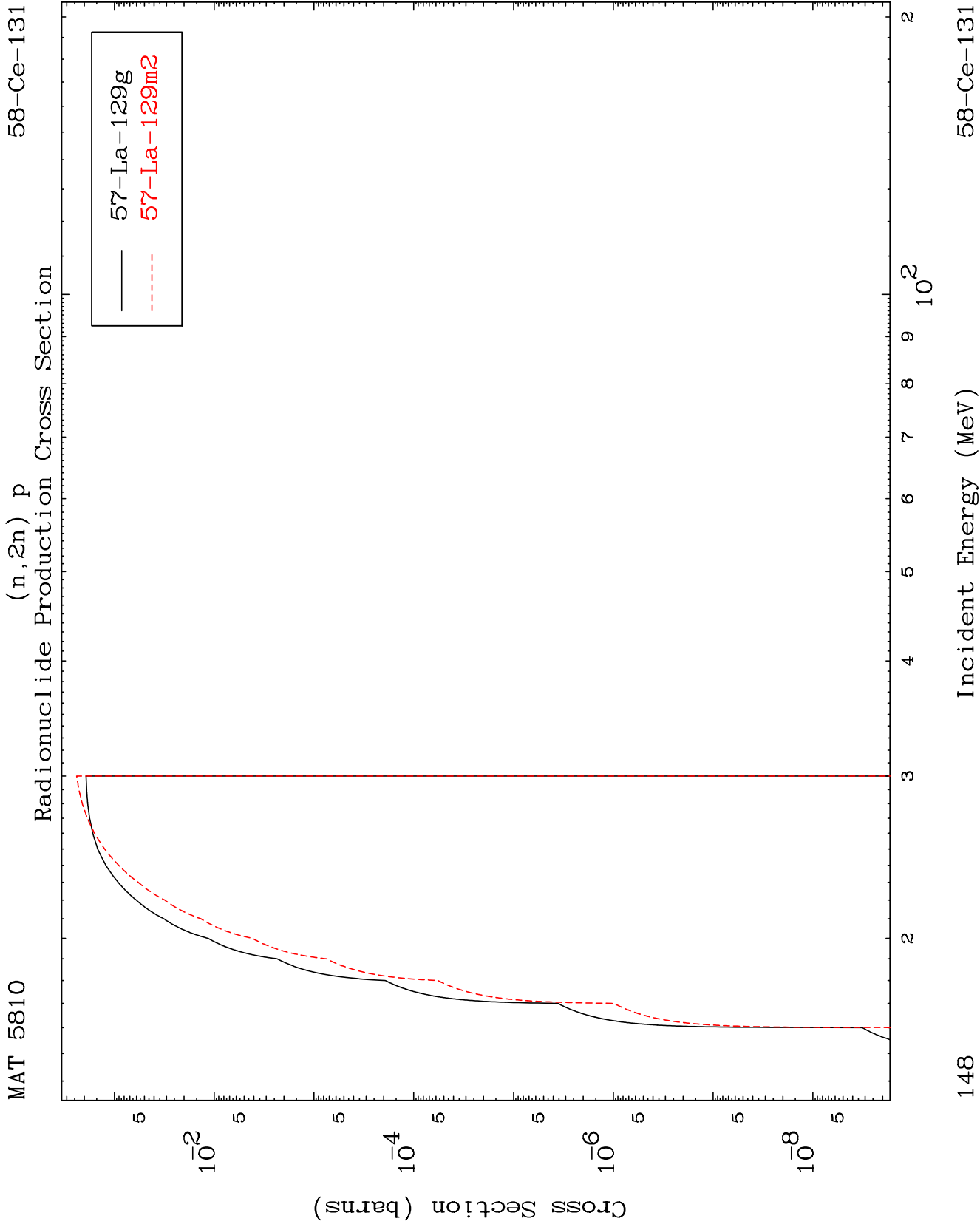
145

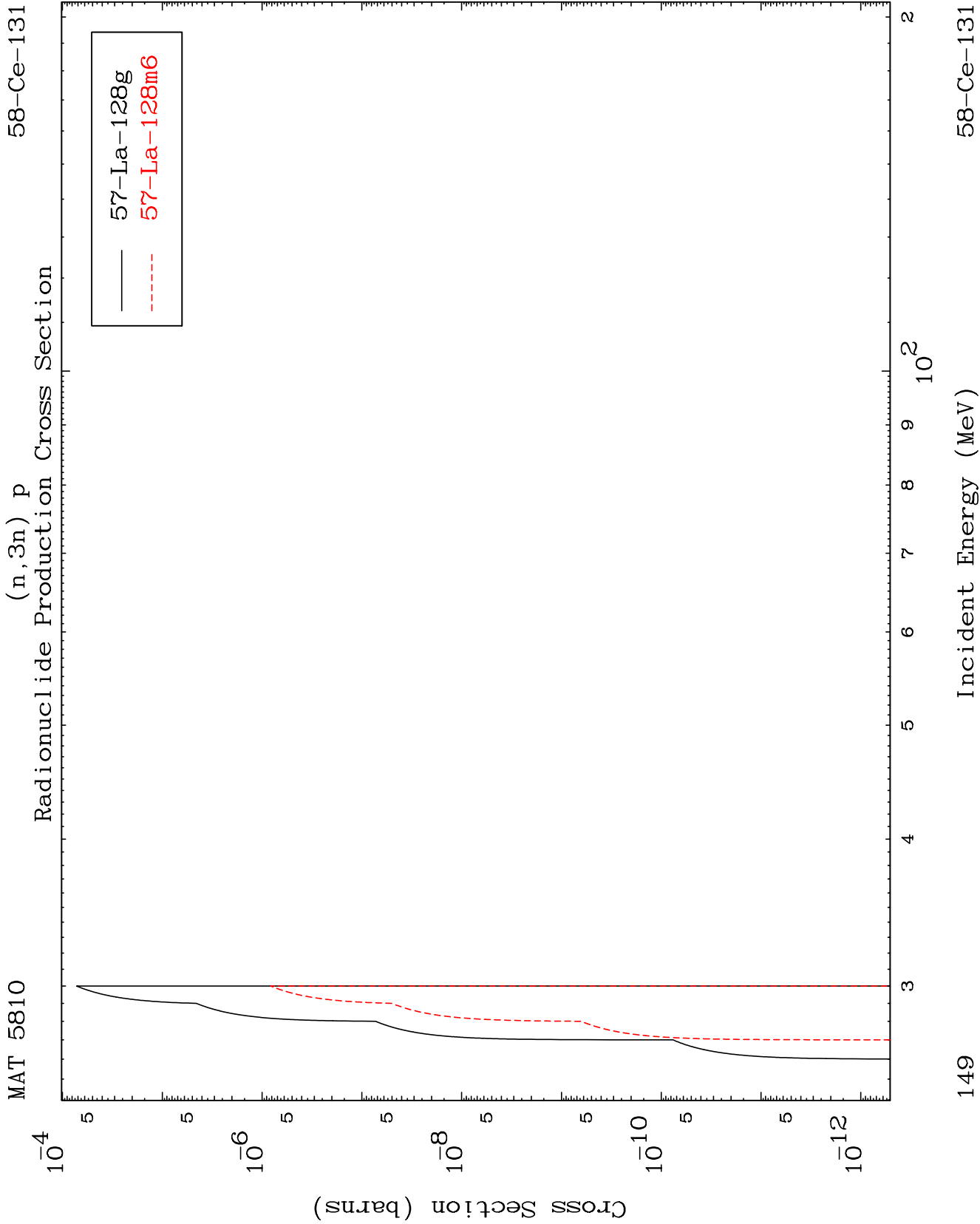
Incident Energy (MeV)

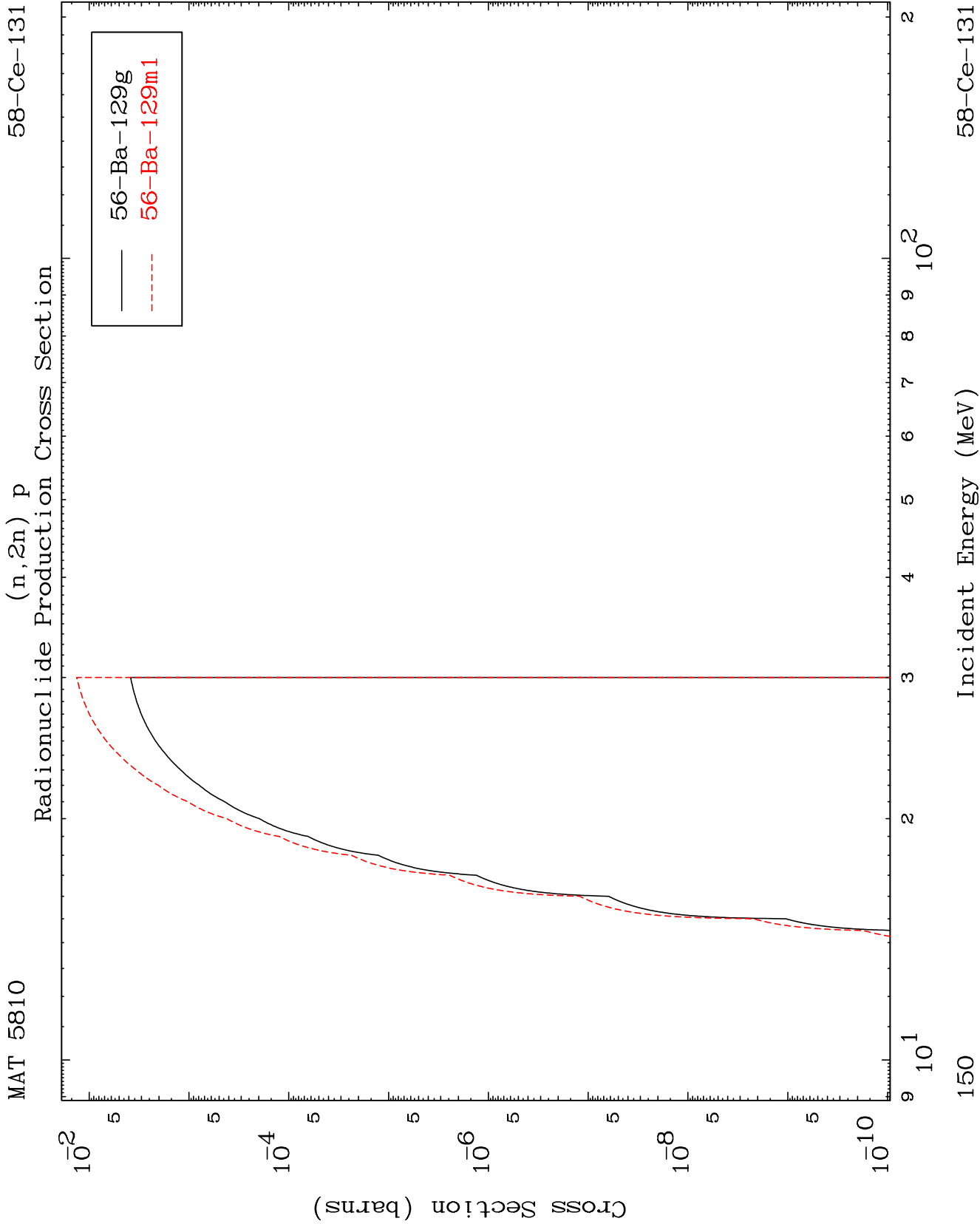
58-Ce-131

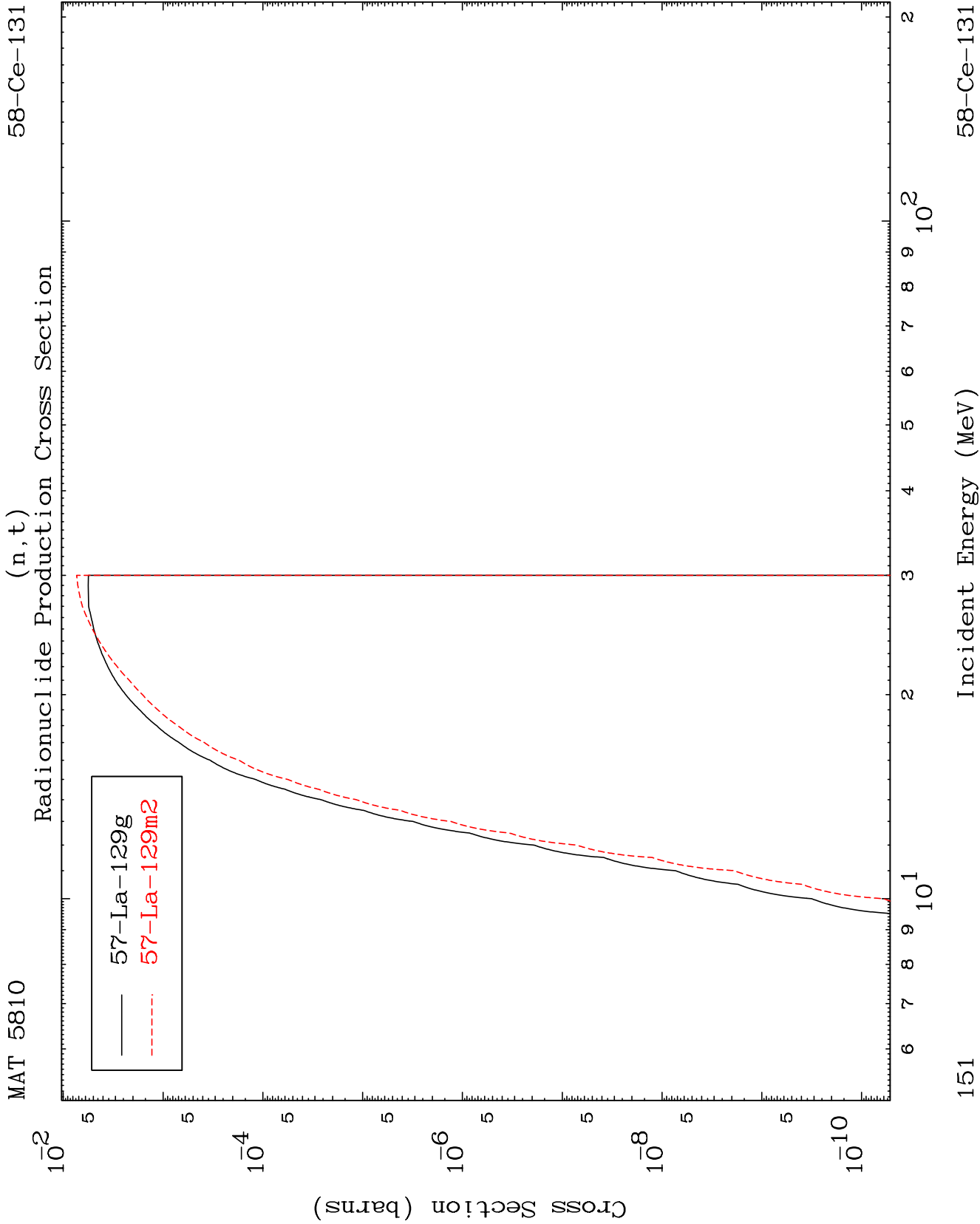












Radionuclide Production Cross Section
(n,He-3)

