

Program EVALPLOT
(Version 2021-1)

by

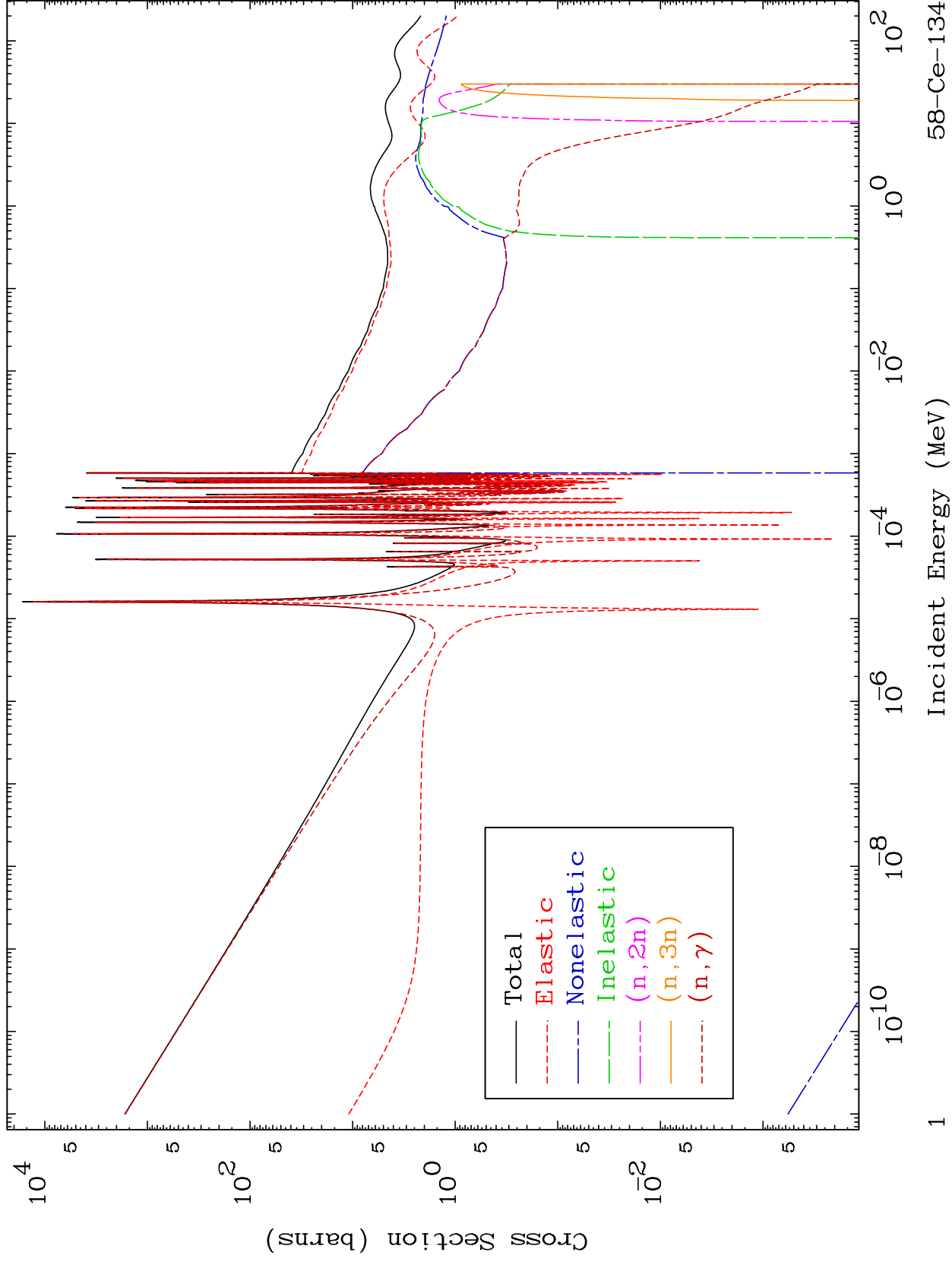
Dermott E. Cullen
(Present Contact Information)

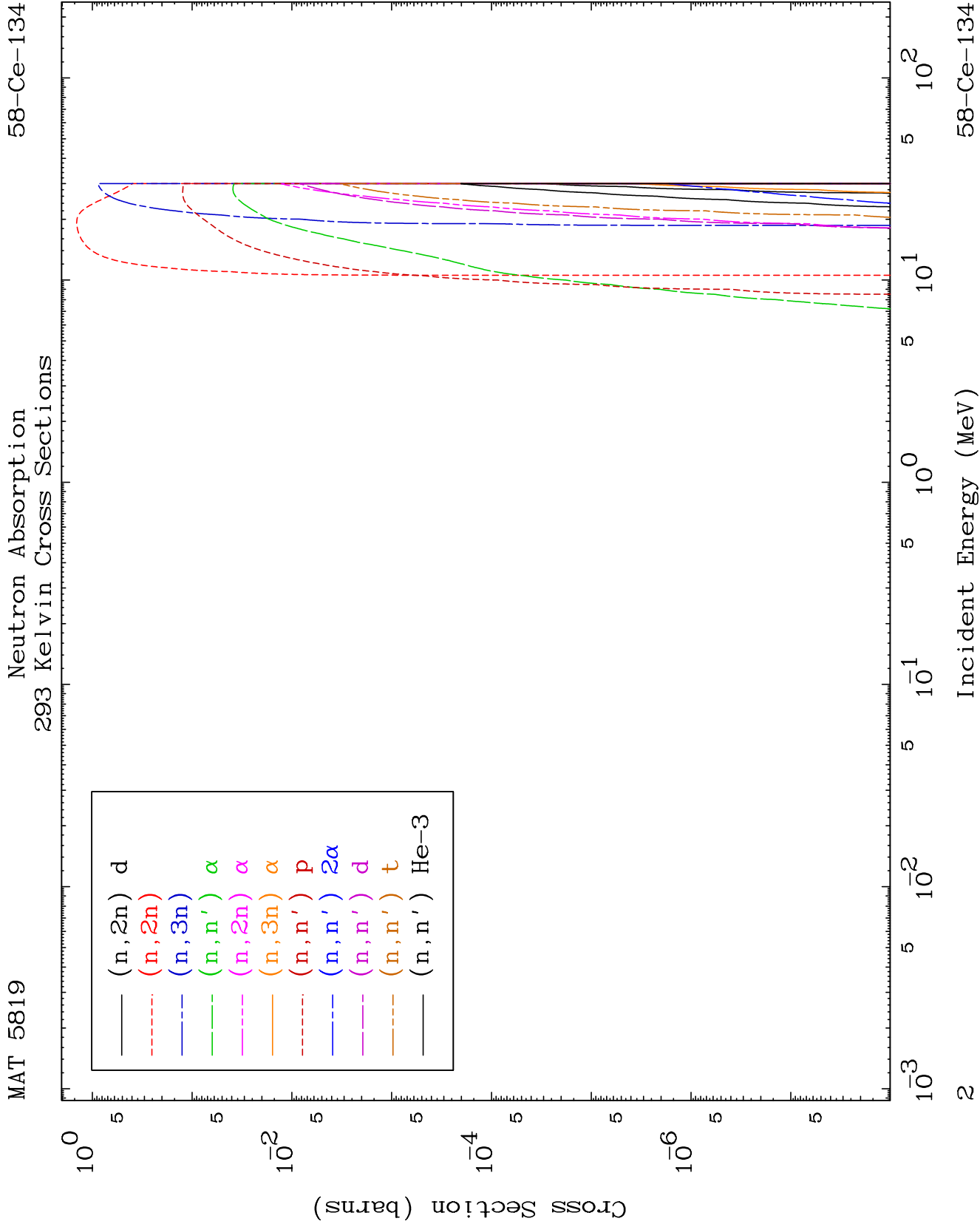
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

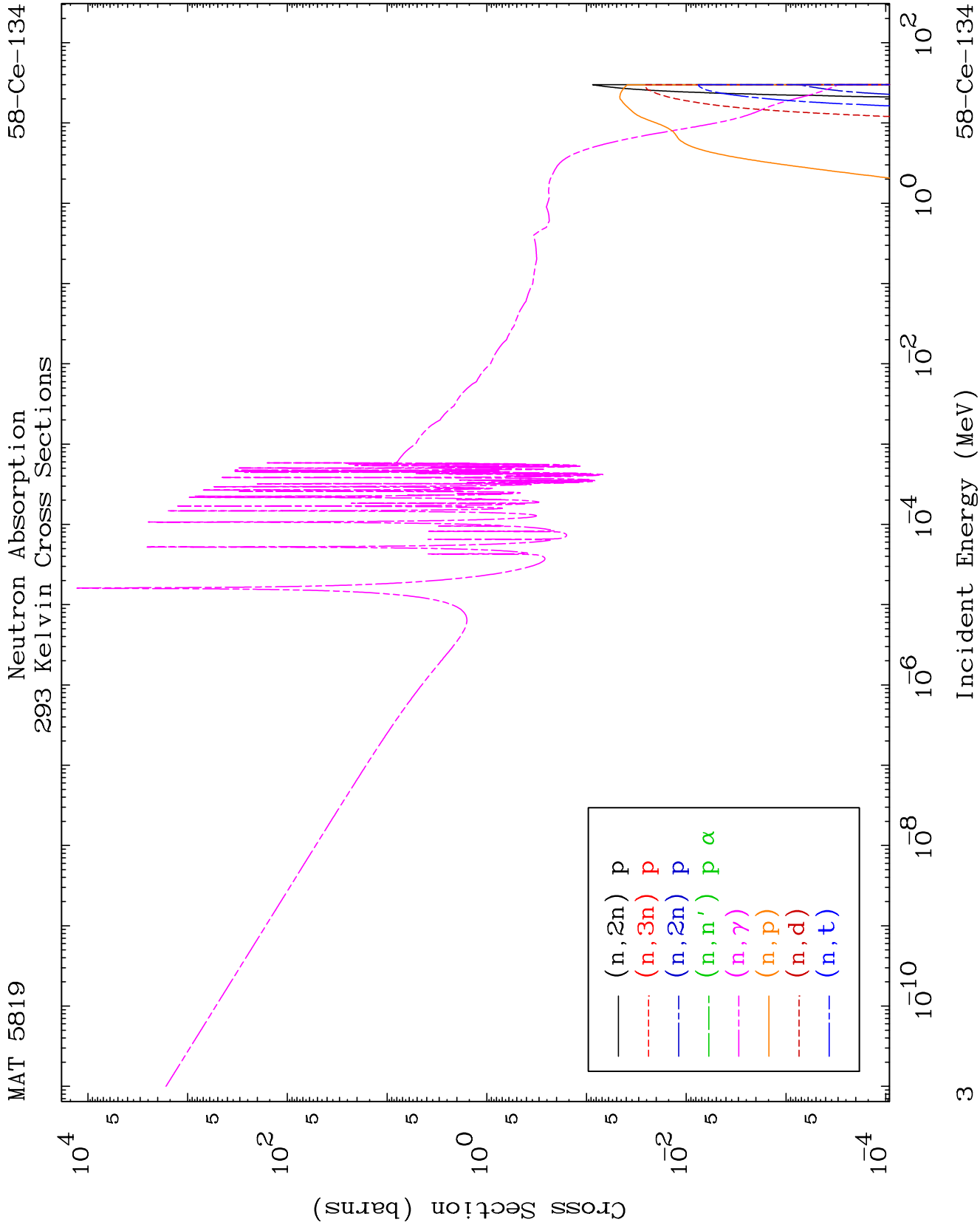
Tele: 925-443-1911

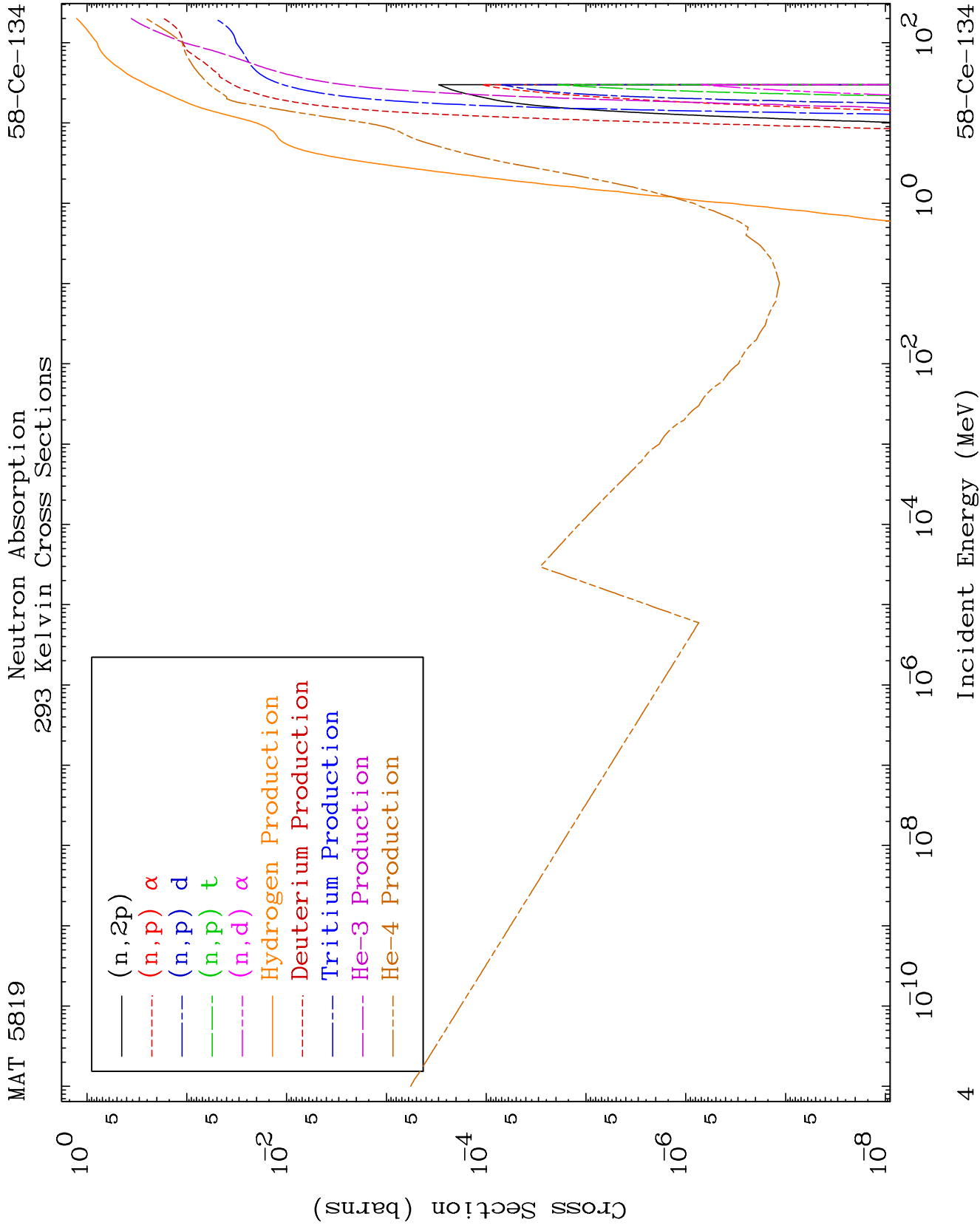
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

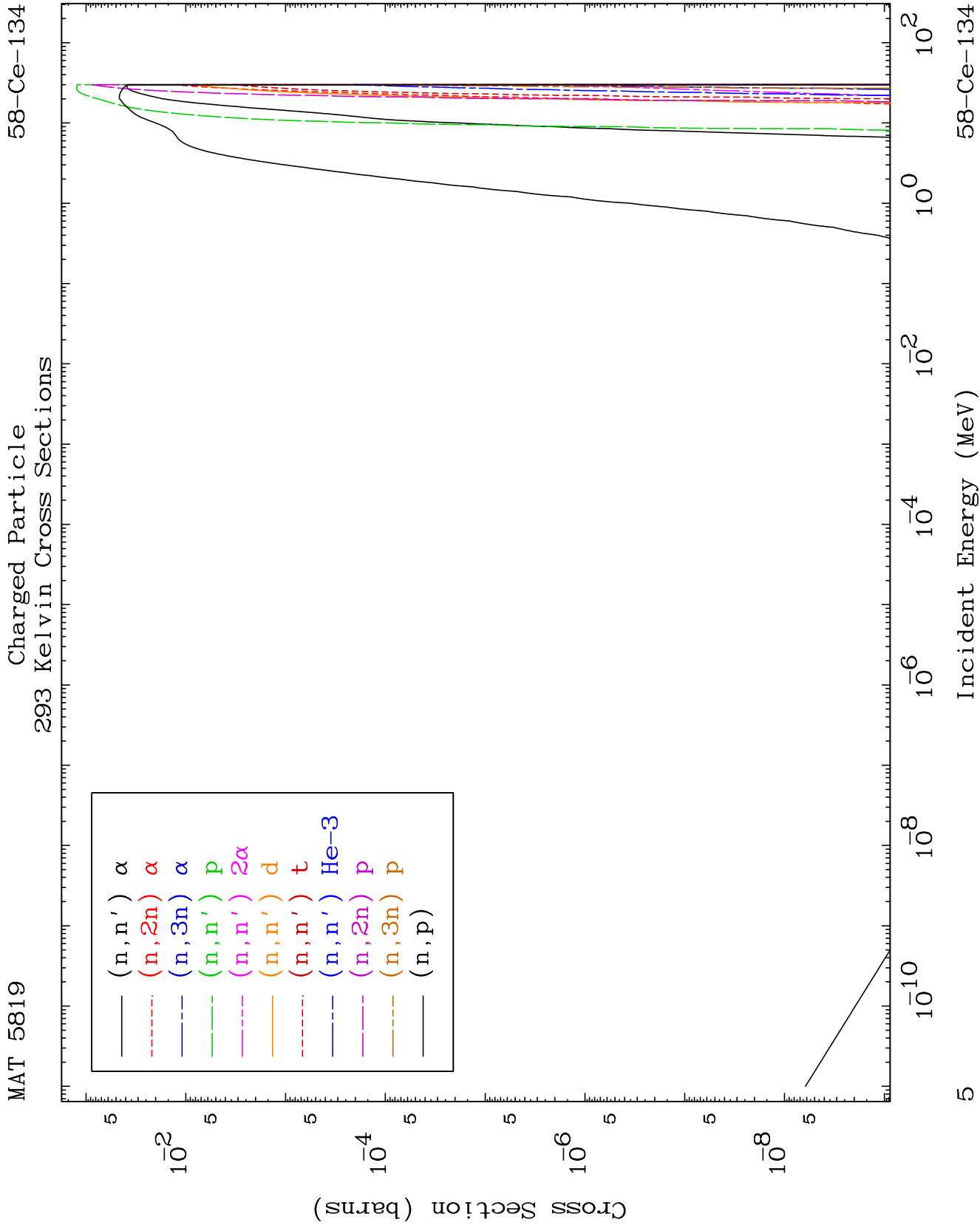
Press Mouse Button to Start

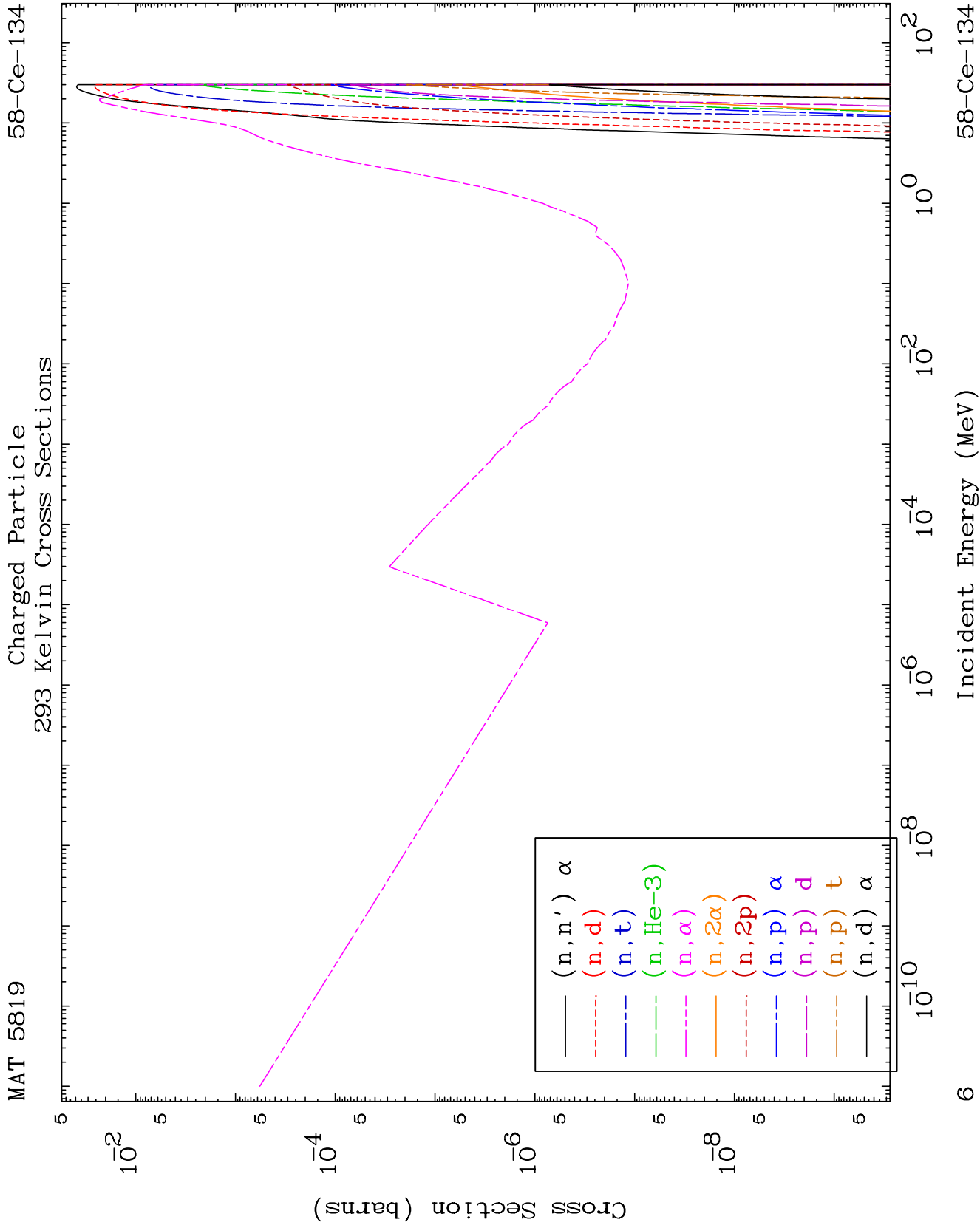


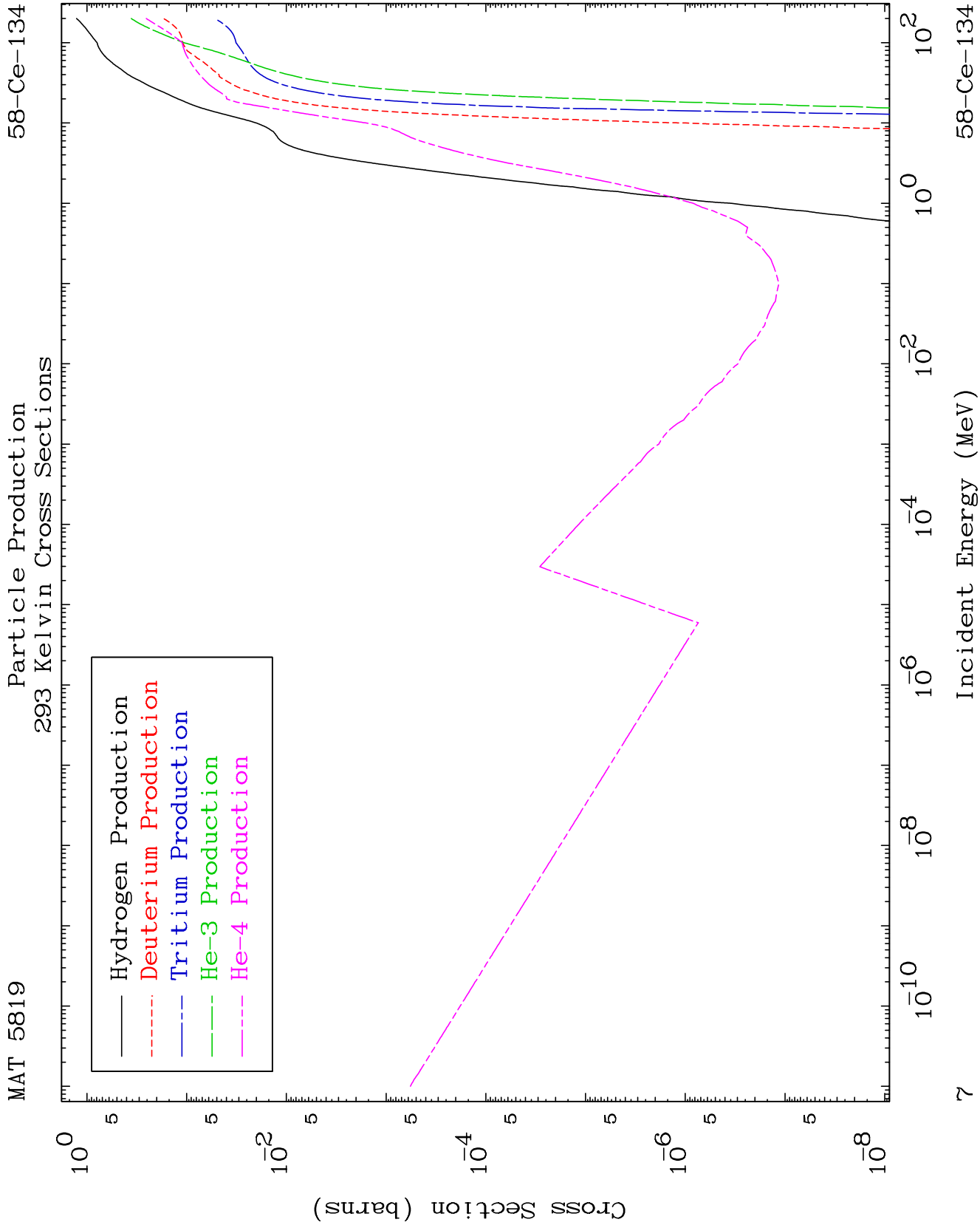










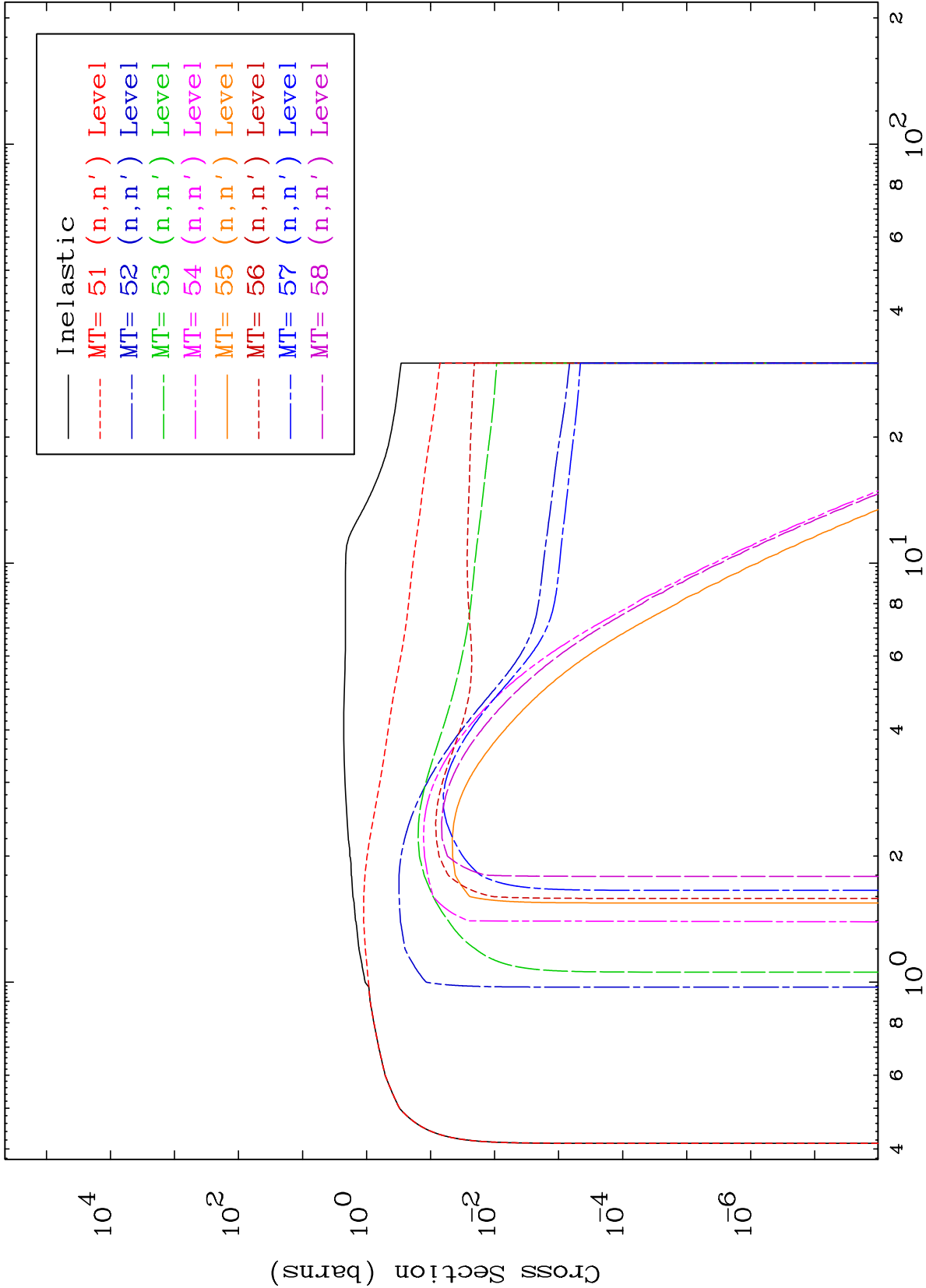


MAT 5819

(n,n') Levels

293 Kelvin Cross Sections

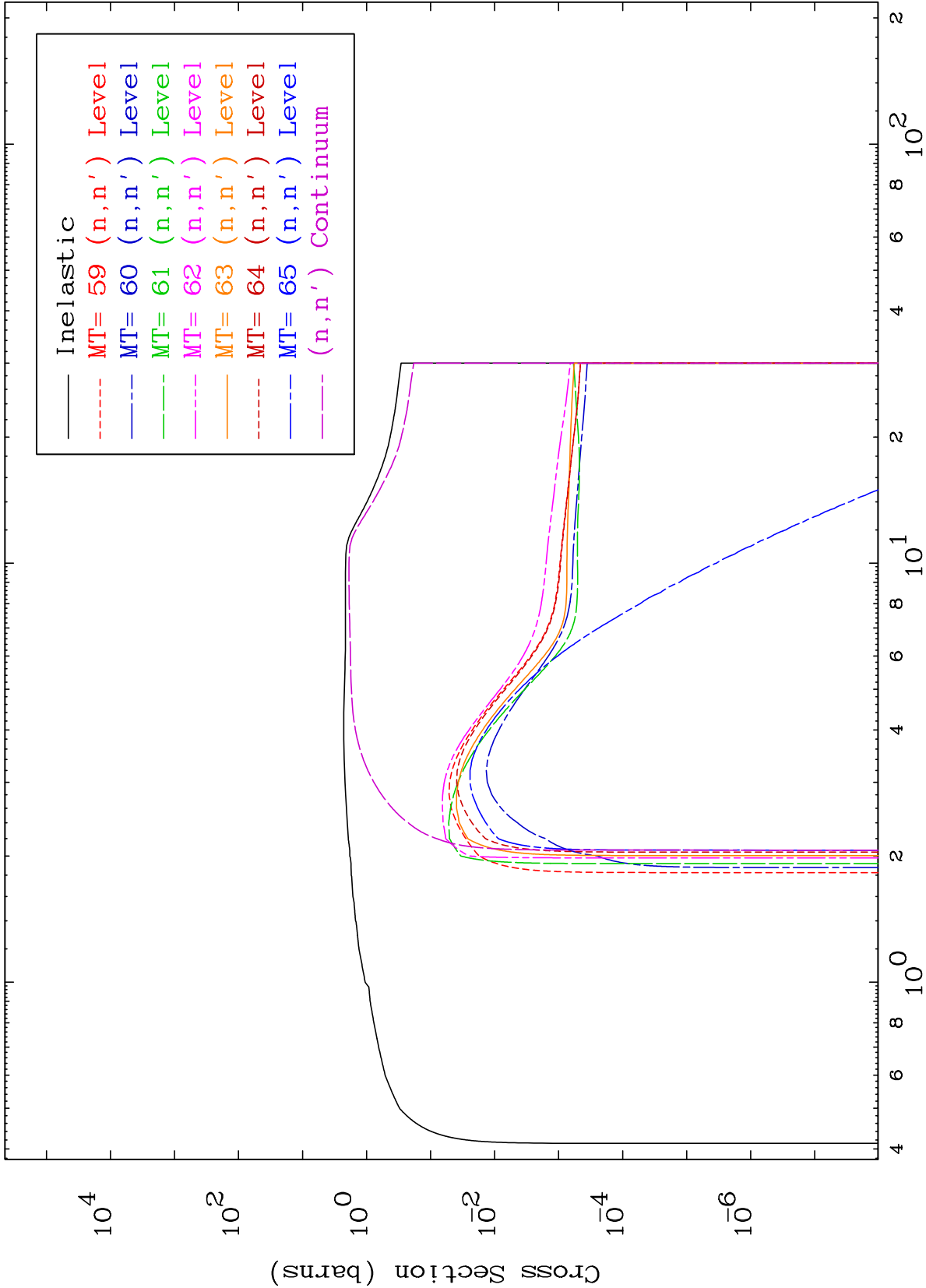
58-Ce-134

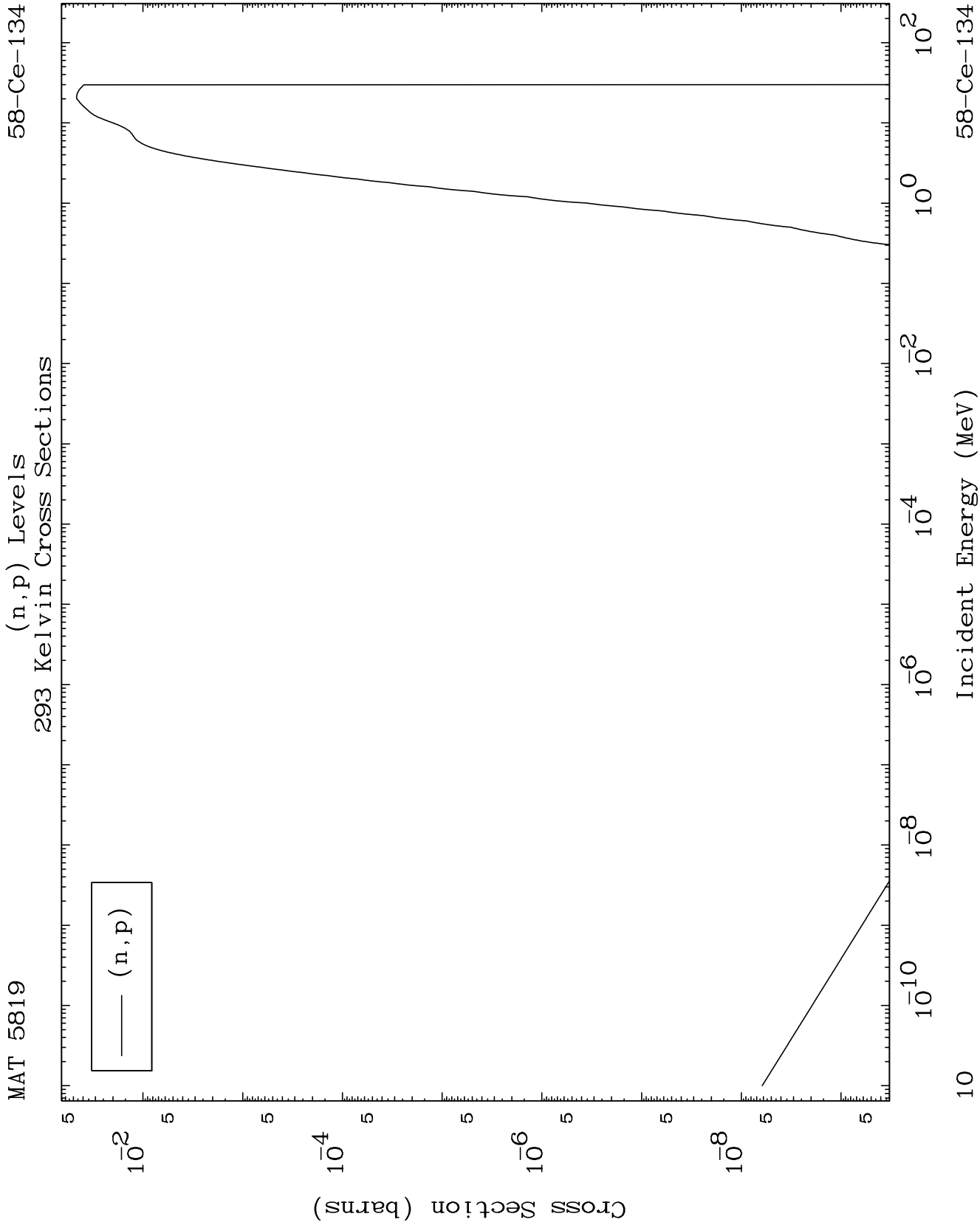


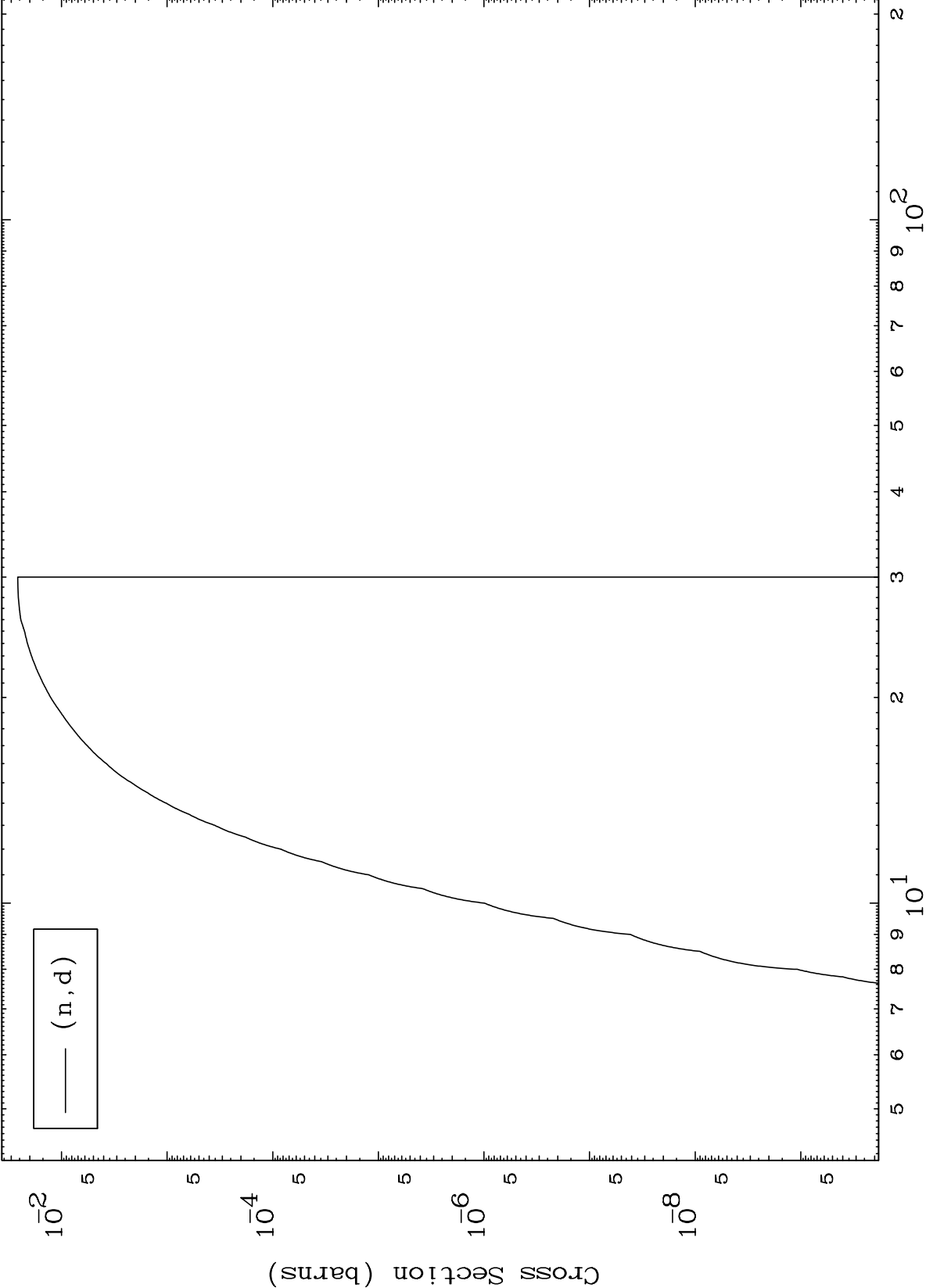
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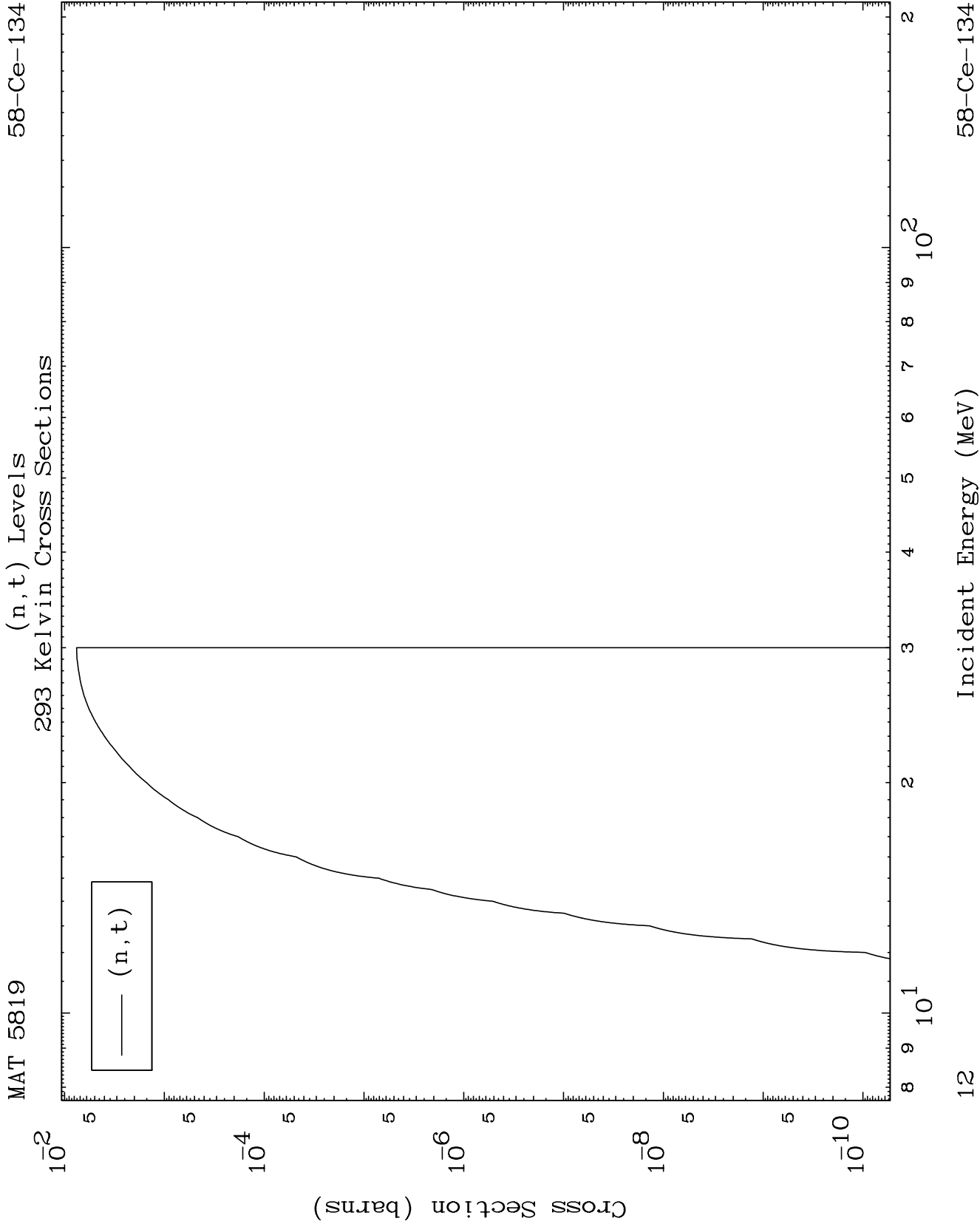
Incident Energy (MeV)

58-Ce-134





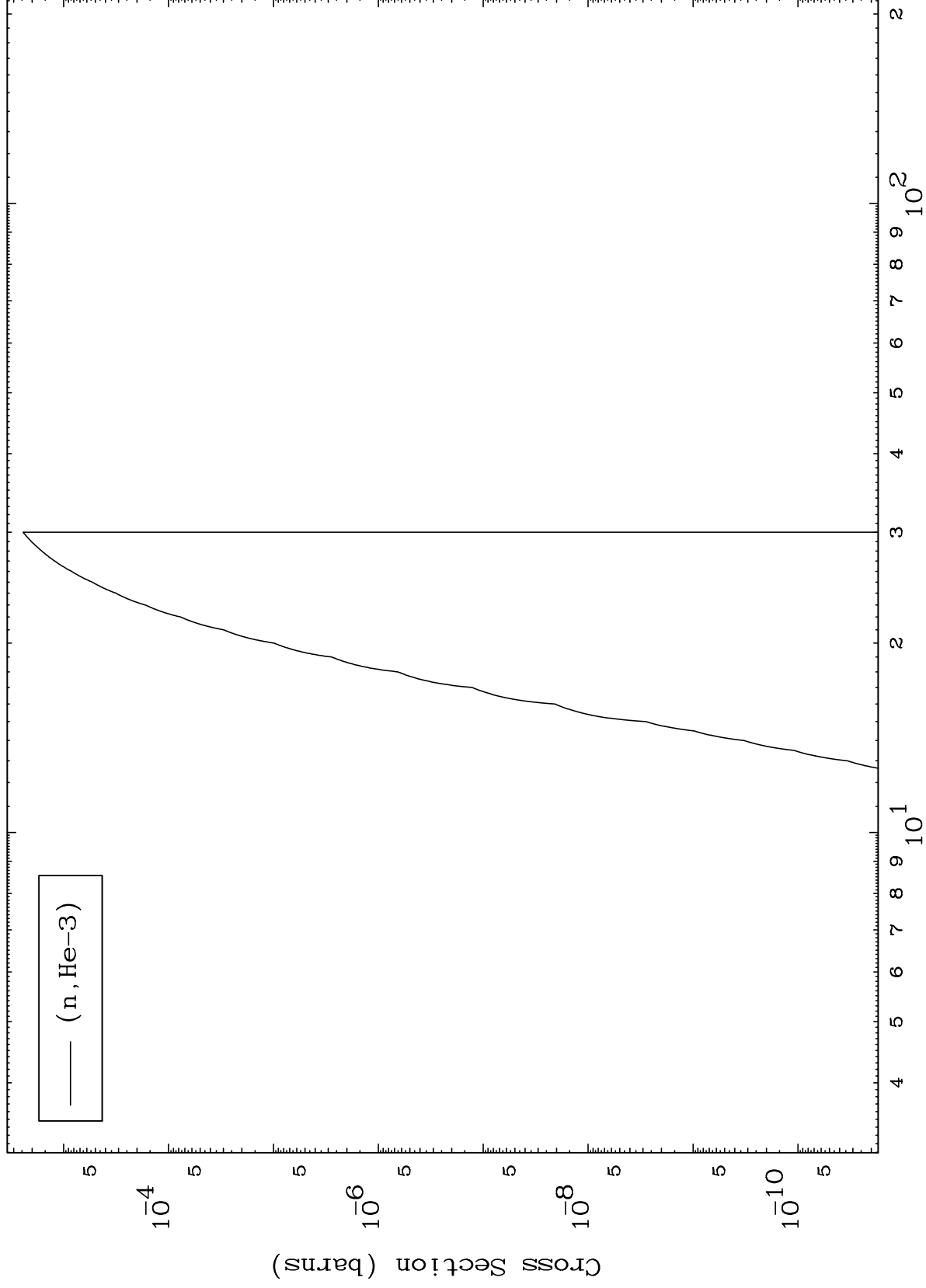




MAT 5819

58-Ce-134

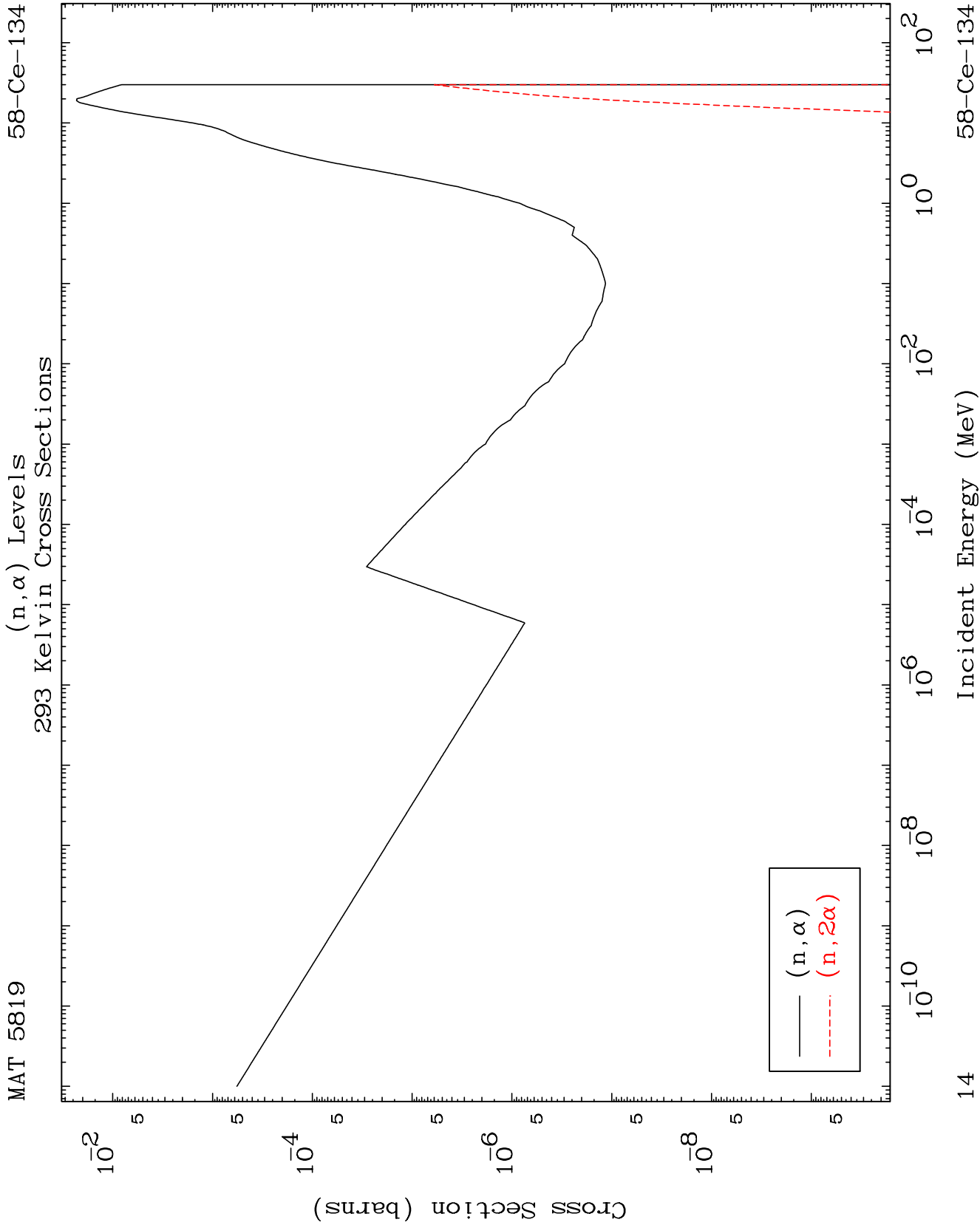
(n,He3) Levels
293 Kelvin Cross Sections

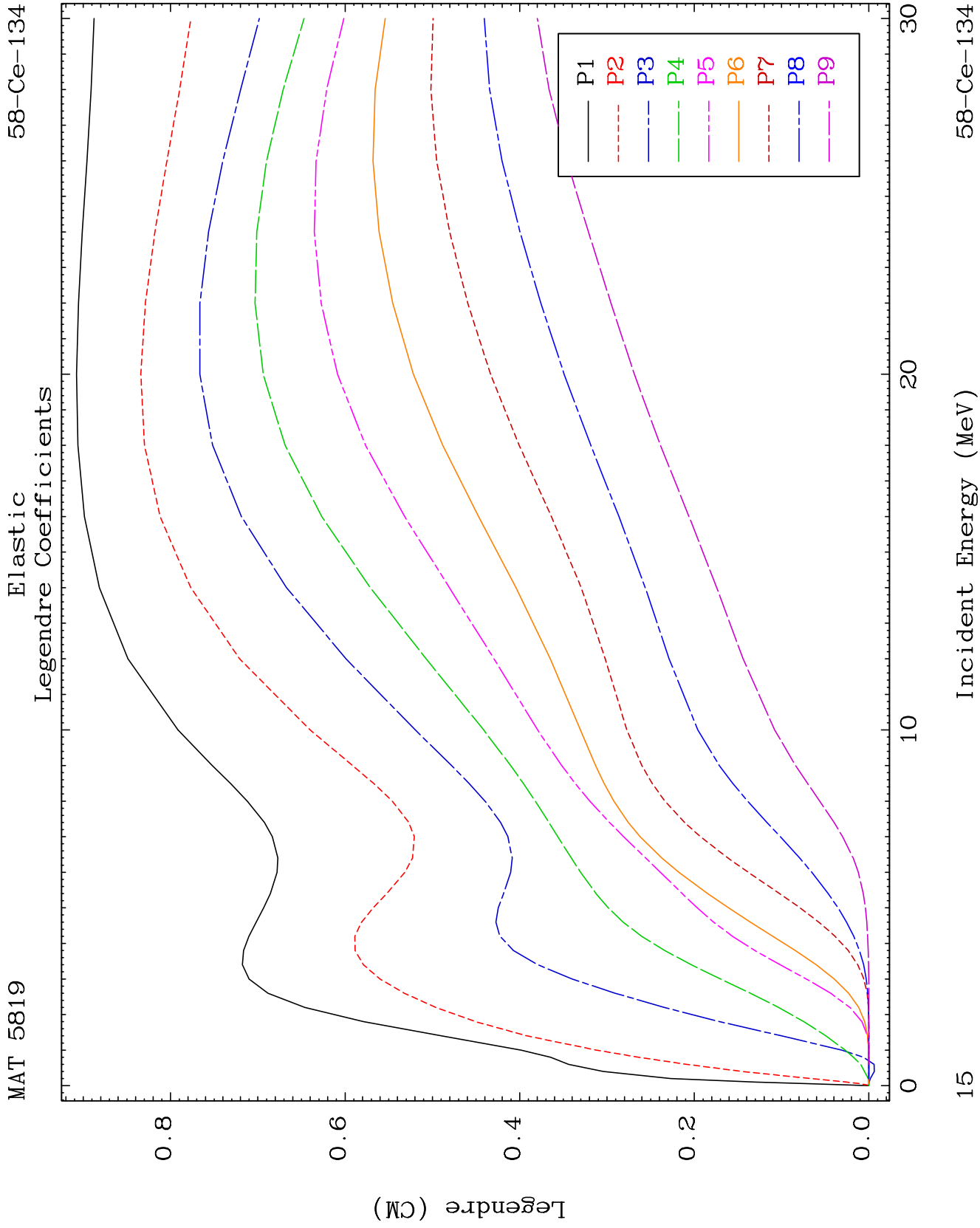


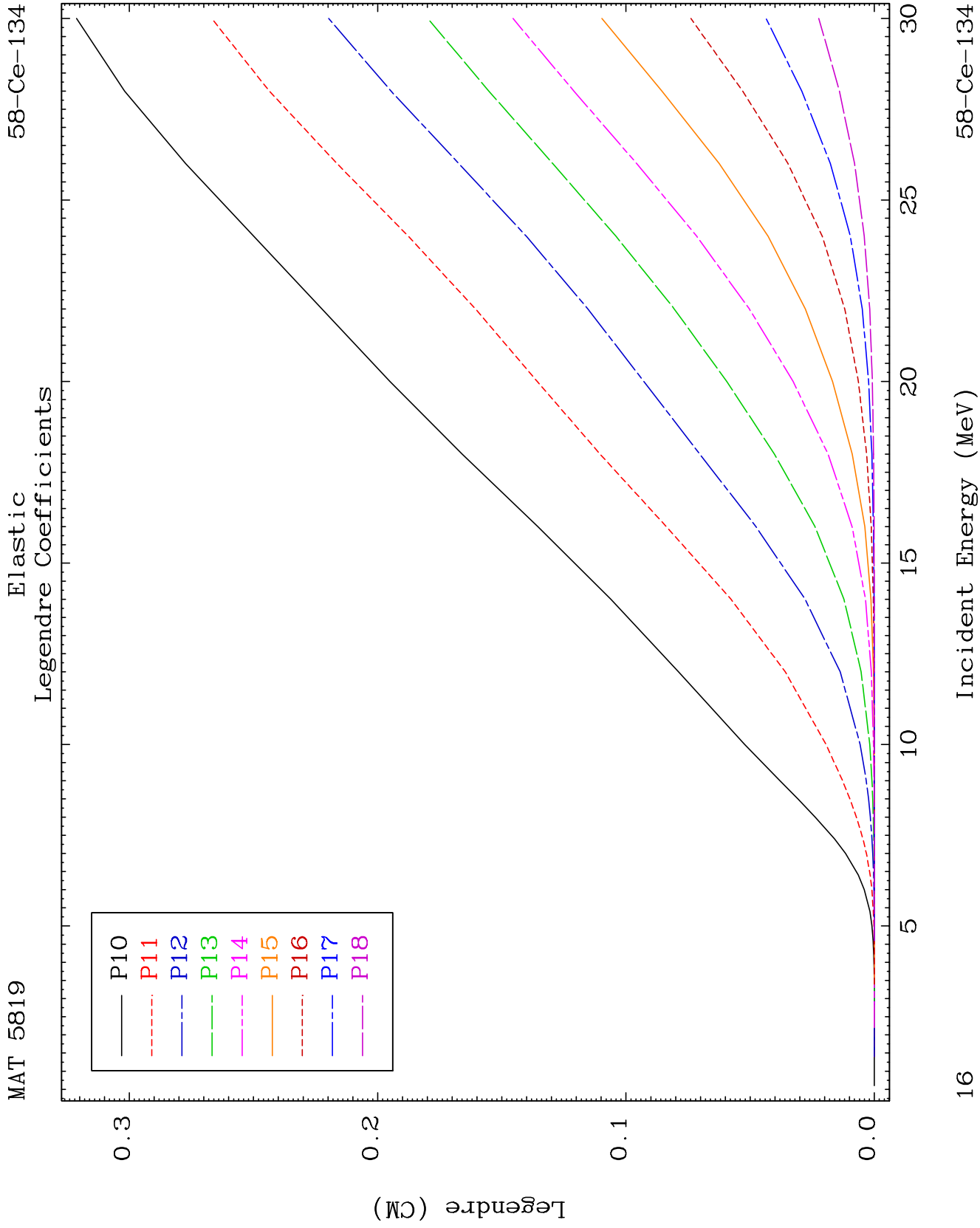
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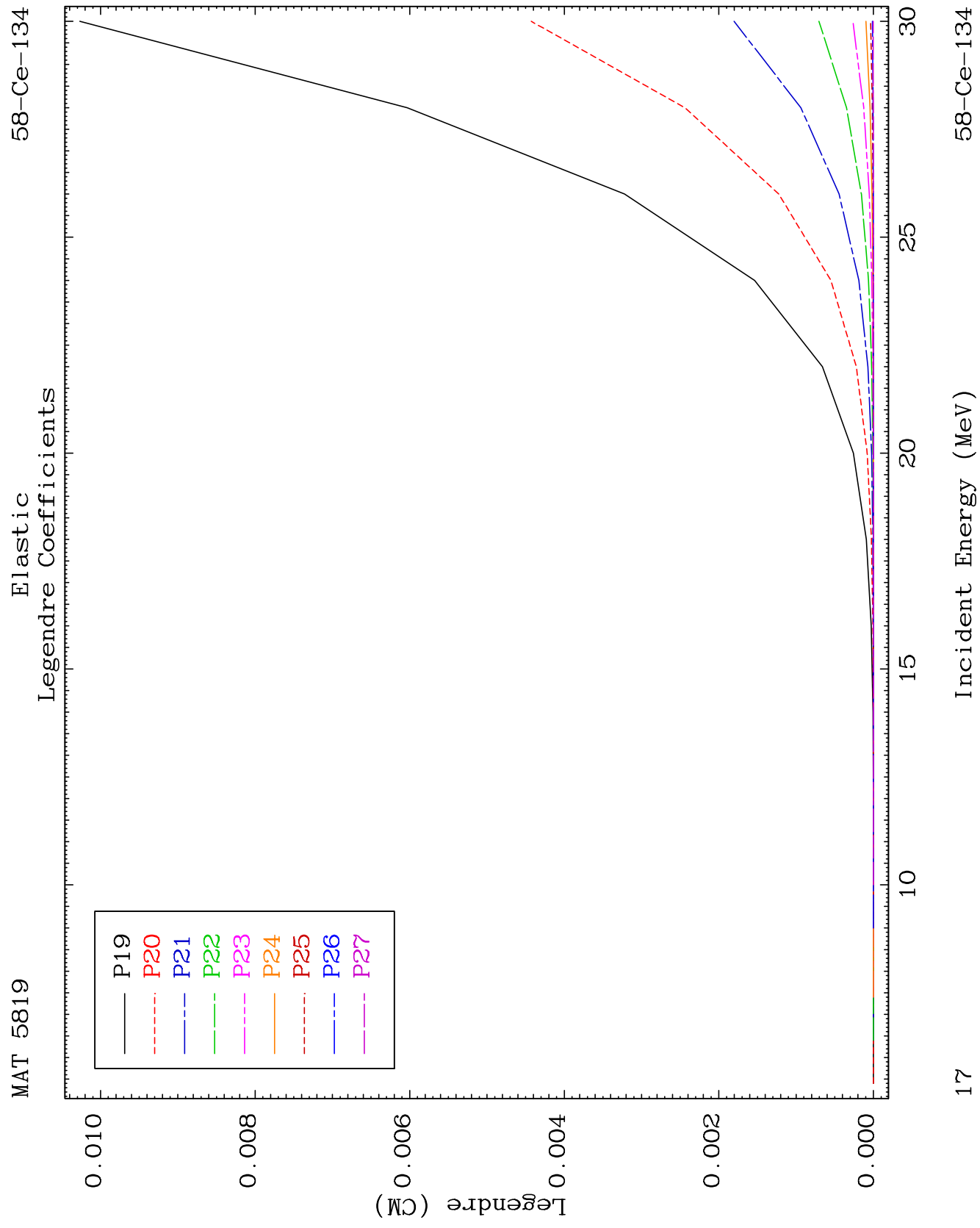
Incident Energy (MeV)

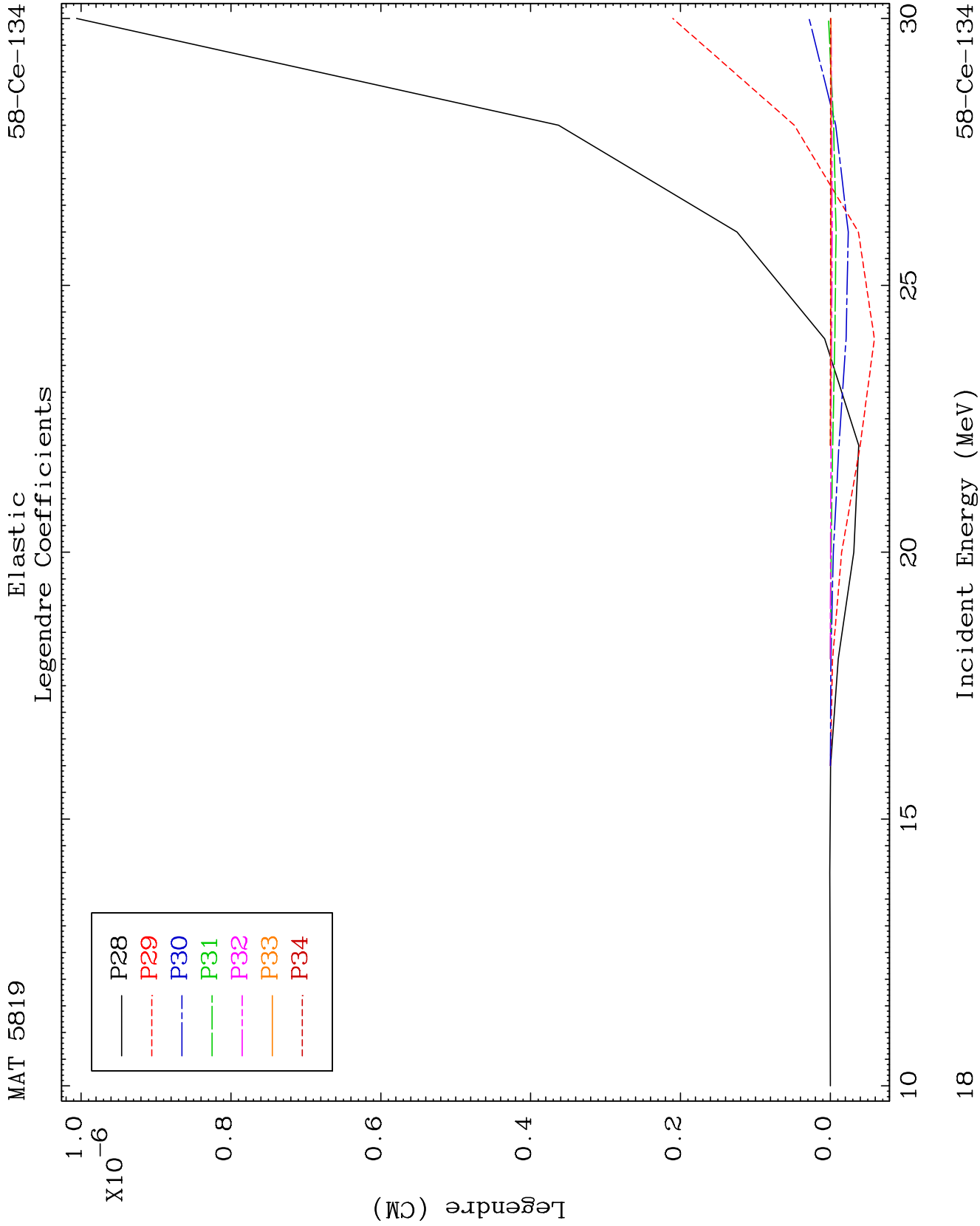
58-Ce-134

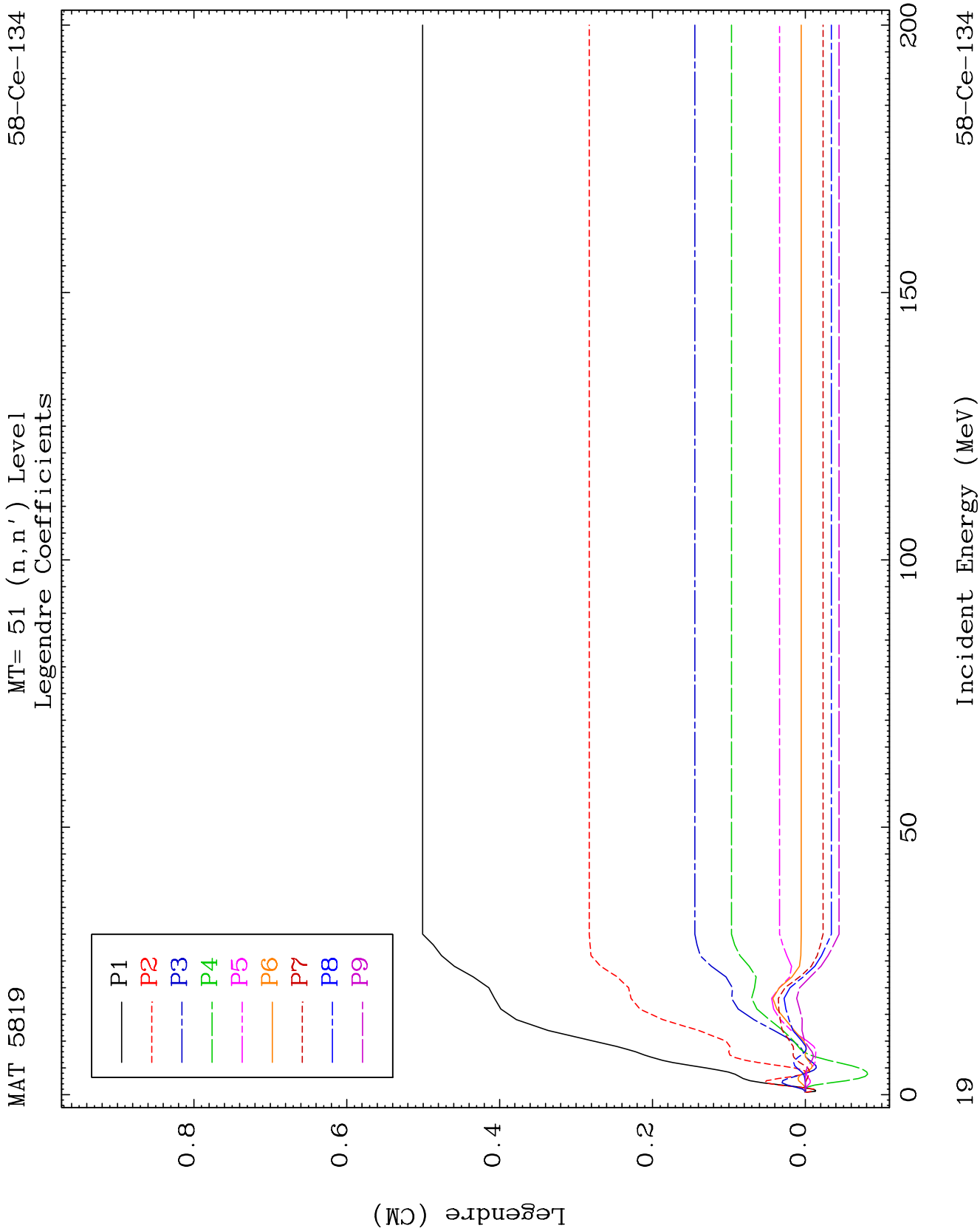


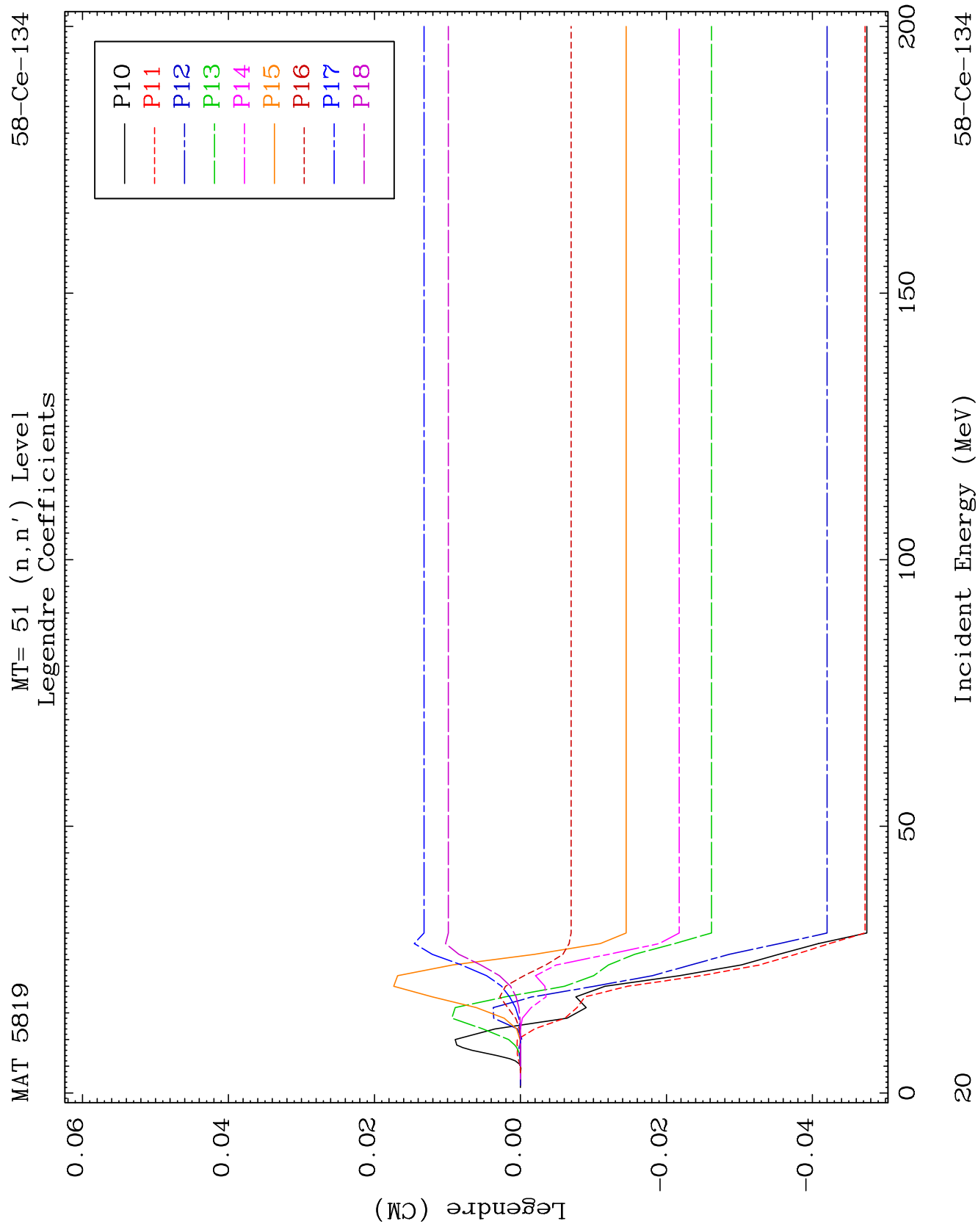








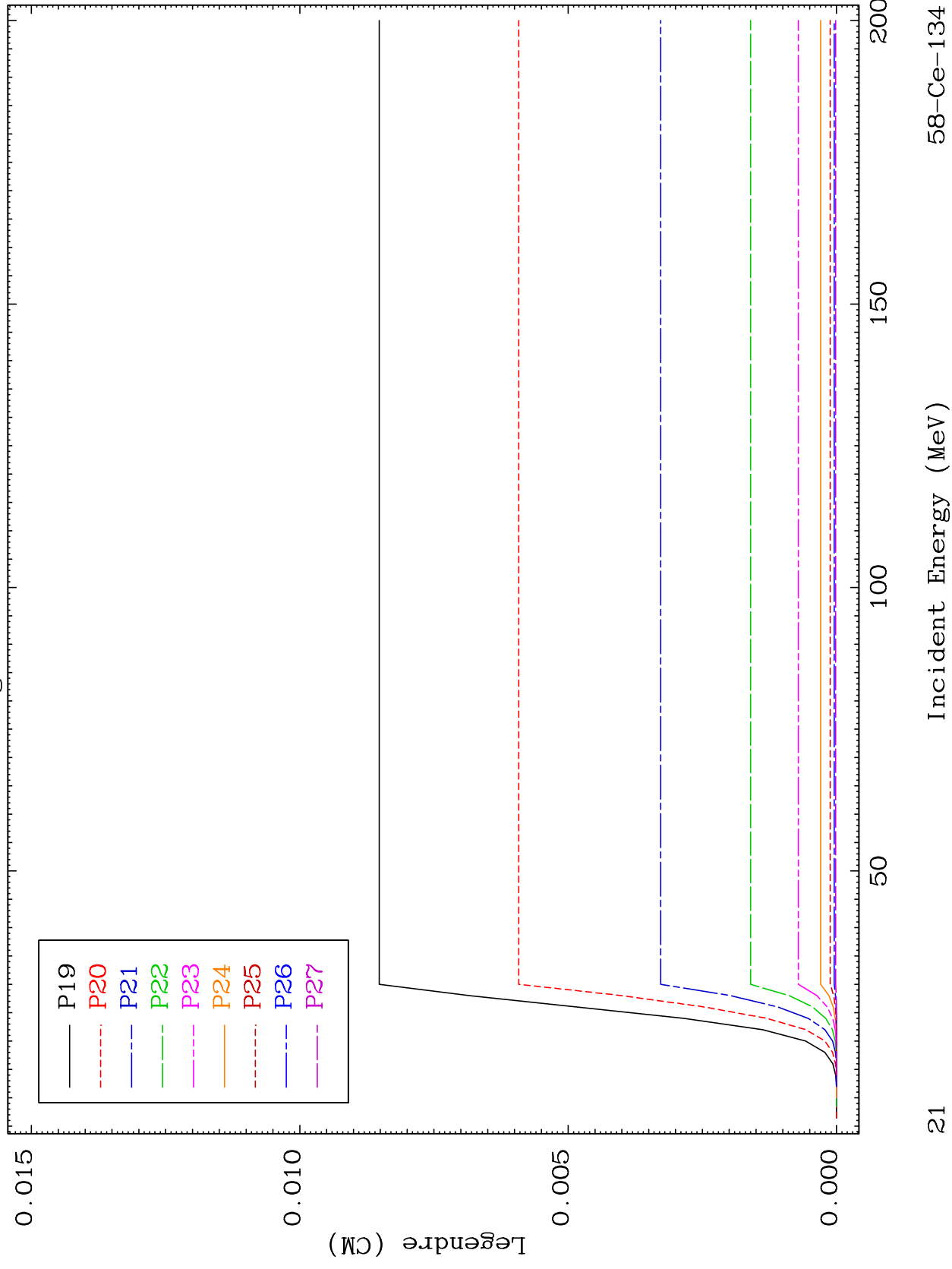




MAT 5819

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

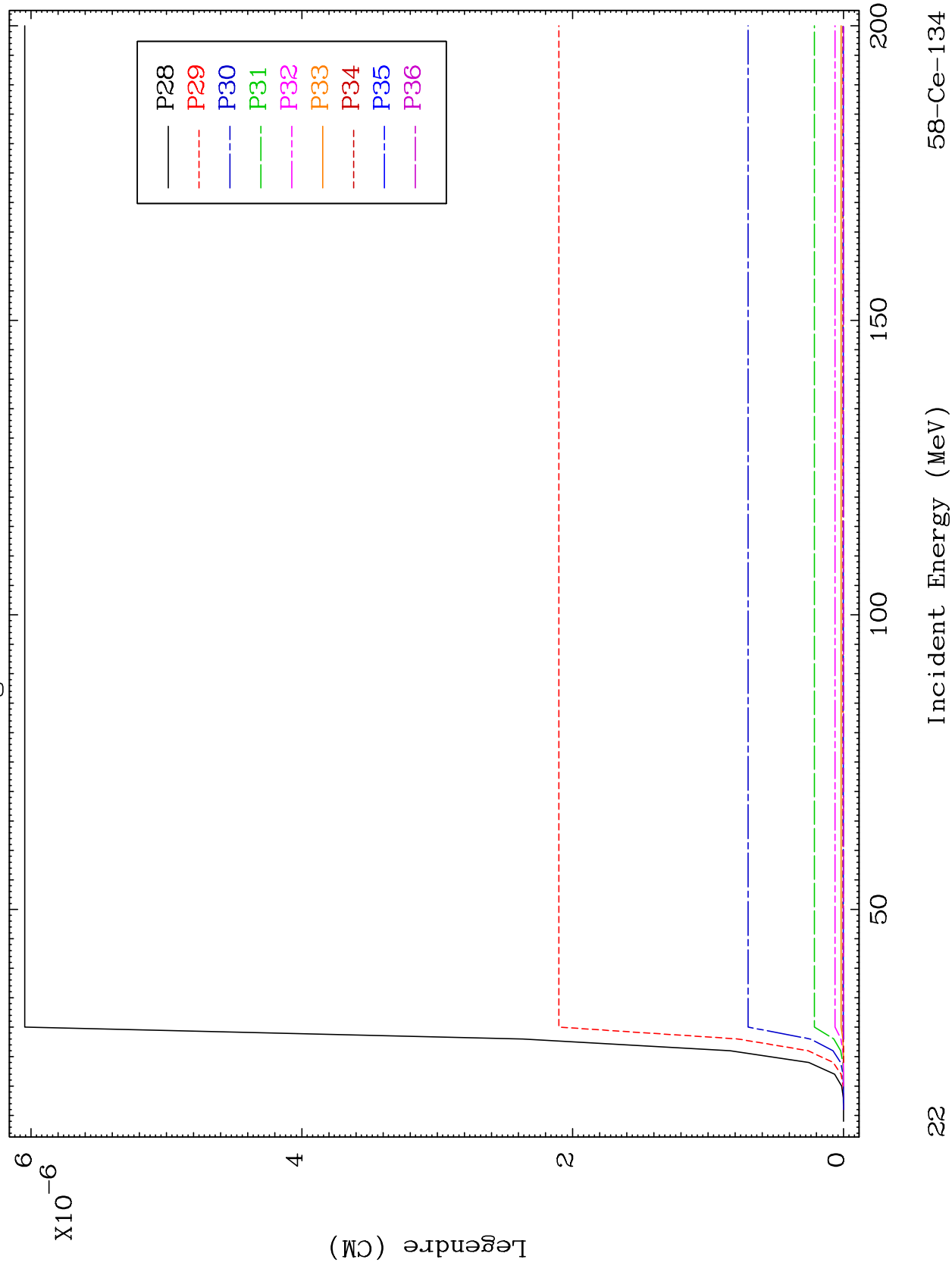
58-Ce-134



MAT 5819

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

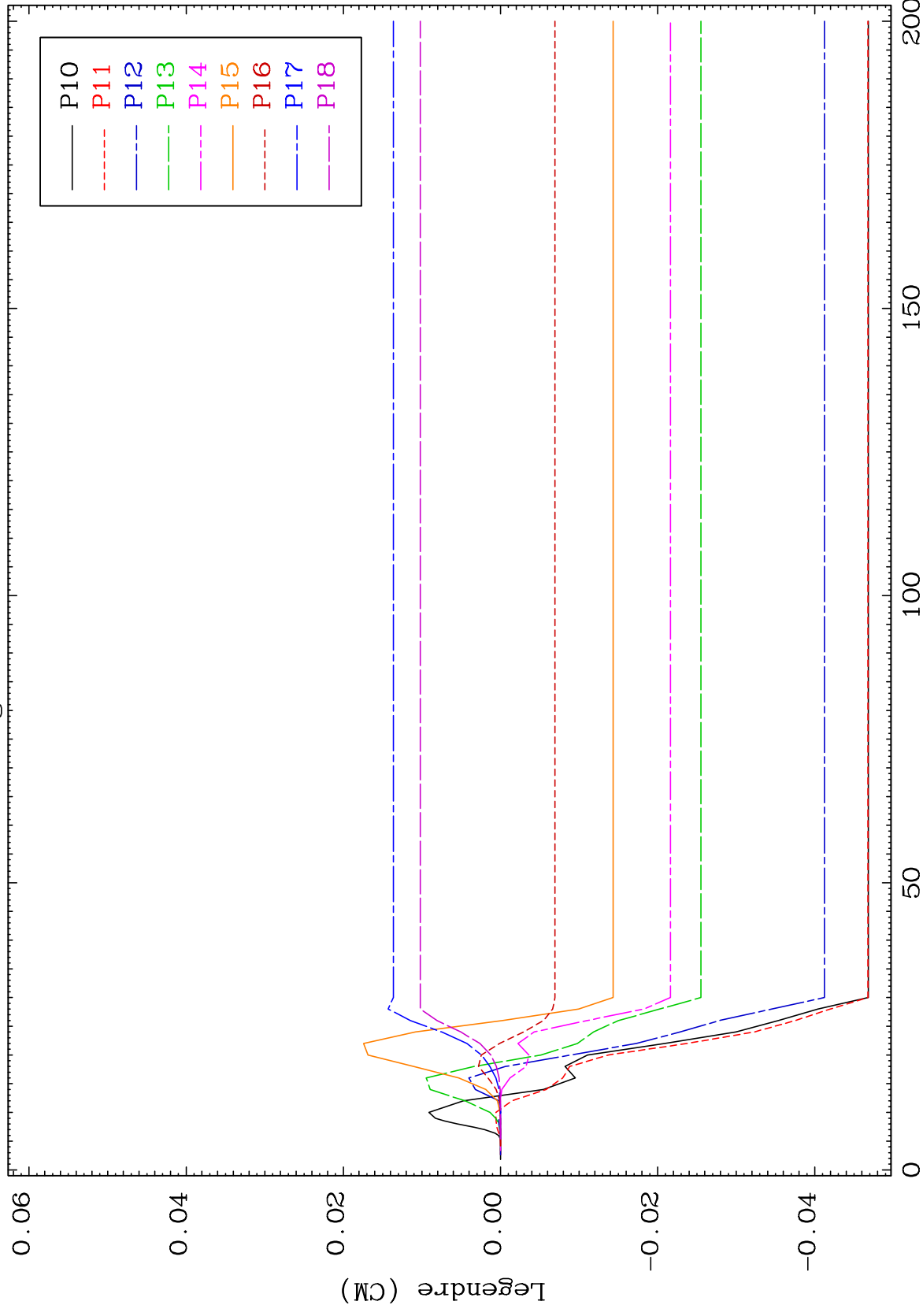
58-Ce-134



MAT 5819

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

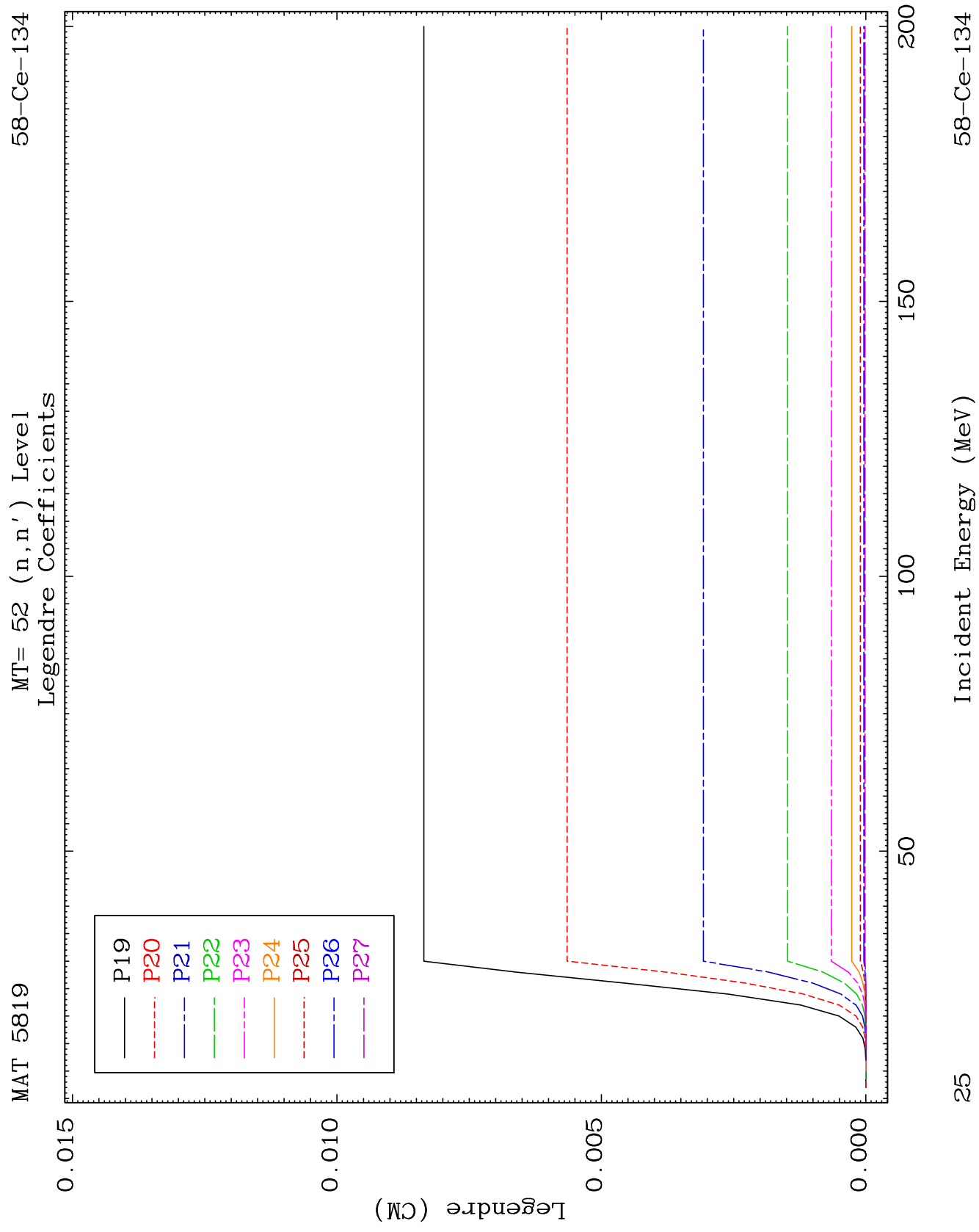
58-Ce-134



24

Incident Energy (MeV)

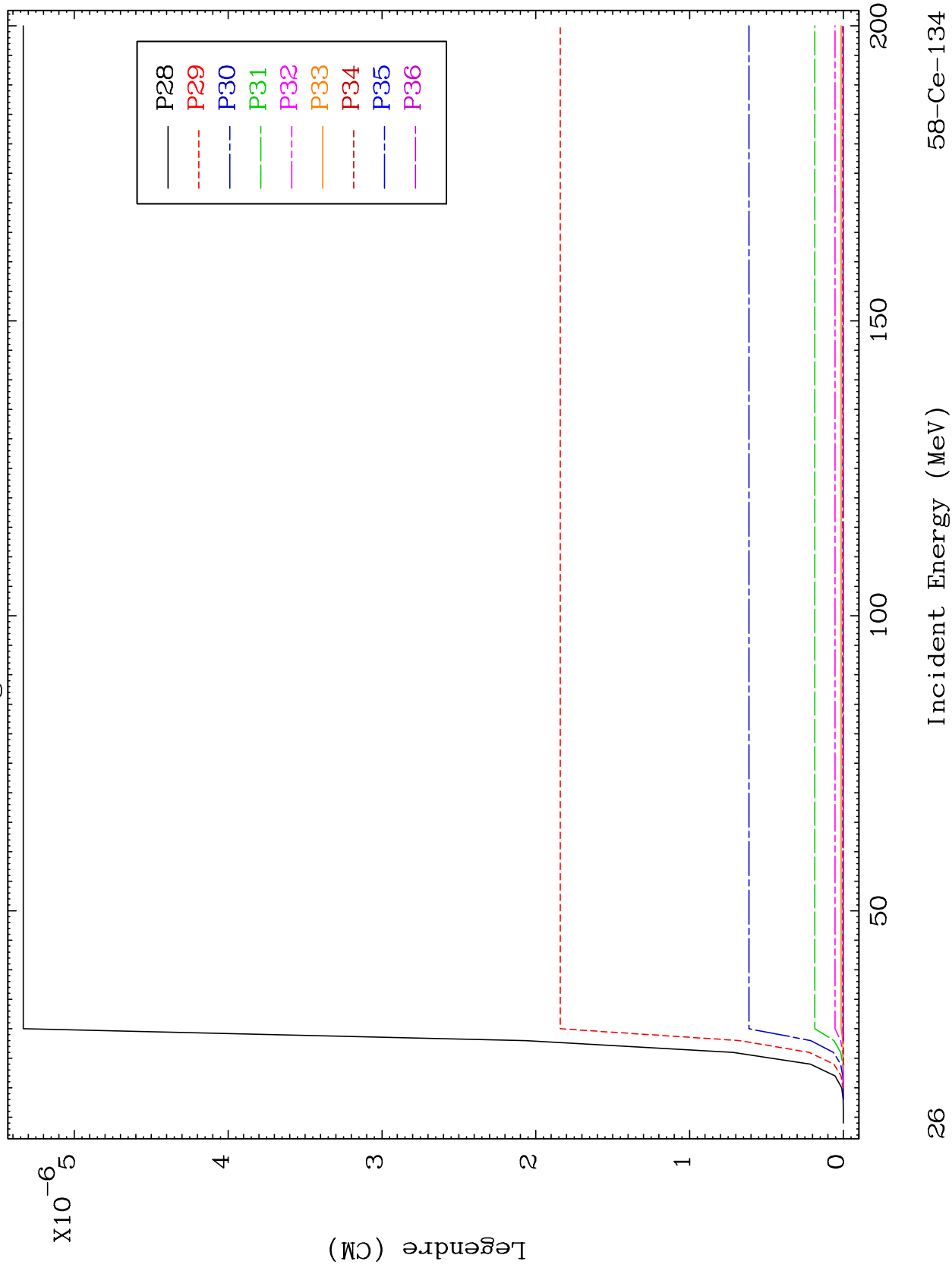
58-Ce-134



MAT 5819

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

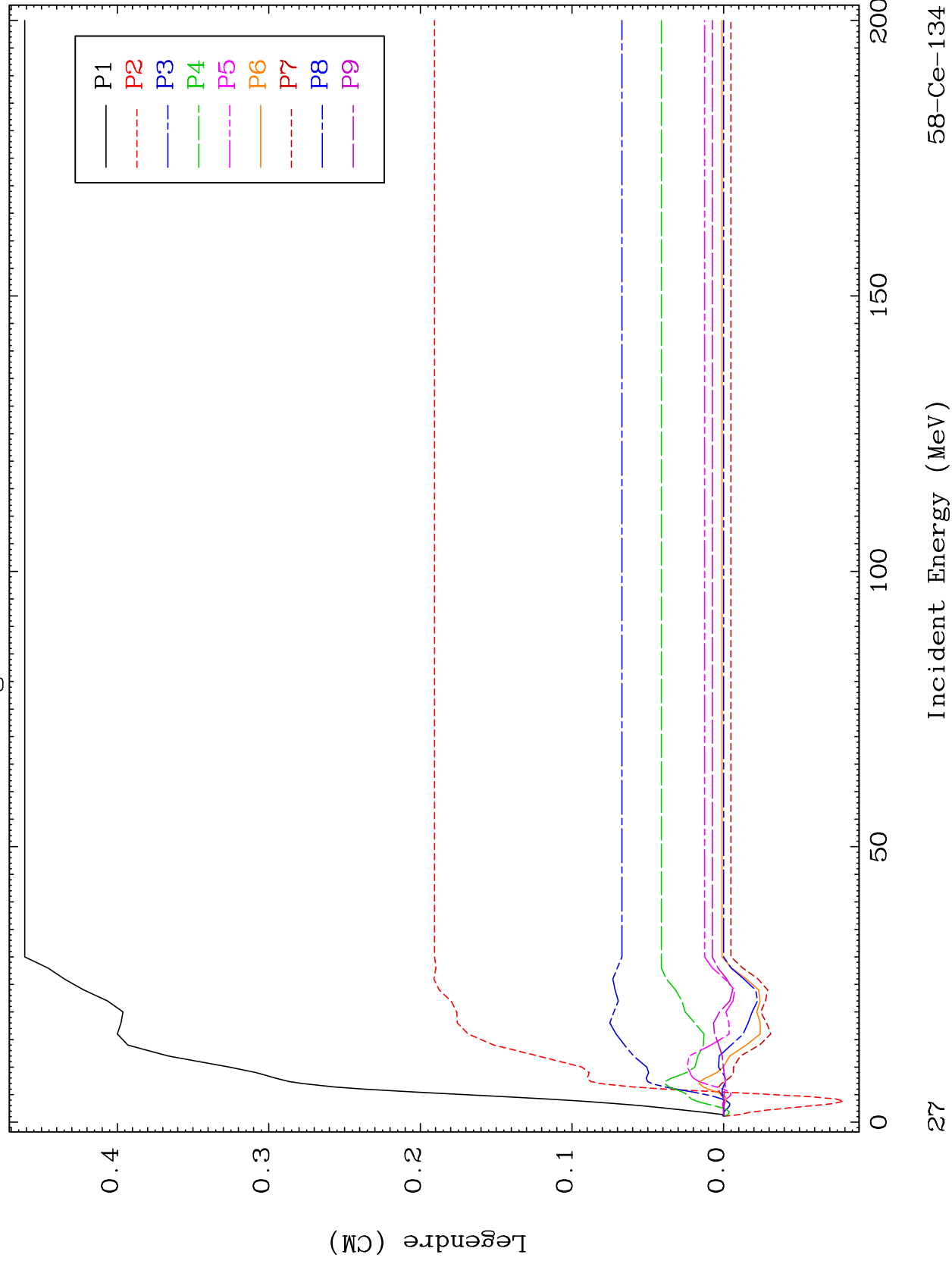
58-Ce-134



MAT 5819

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

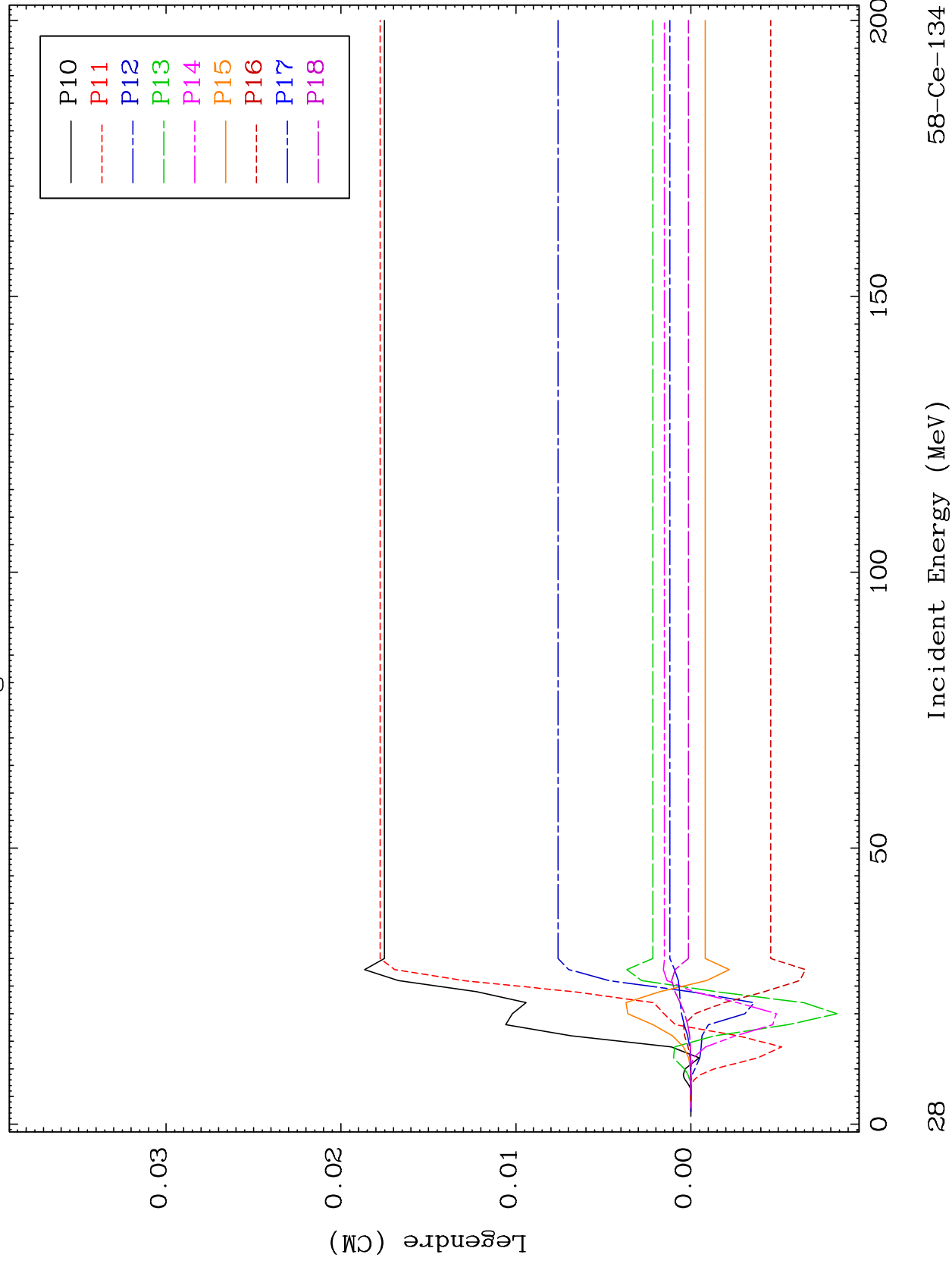
58-Ce-134



MAT 5819

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

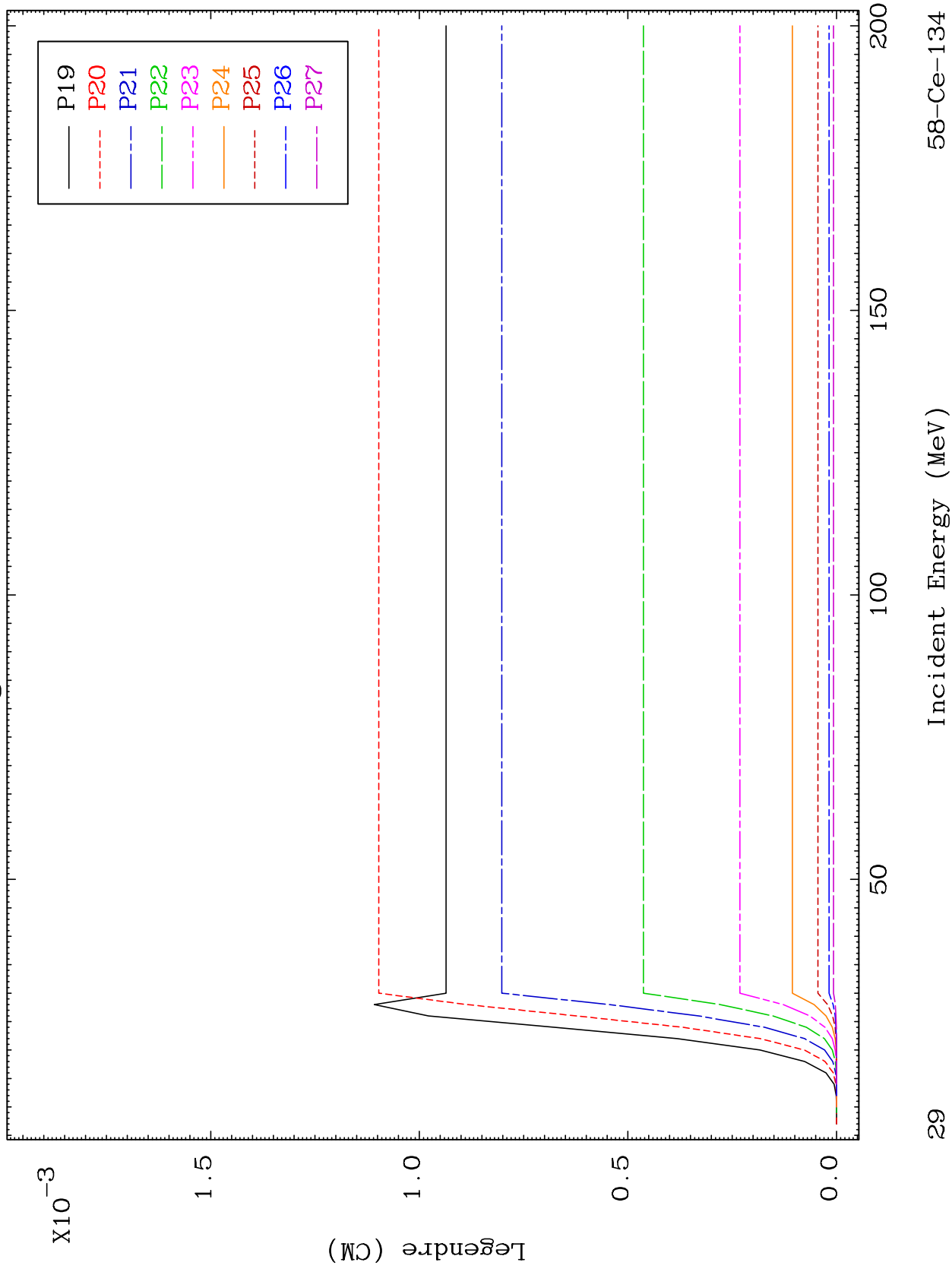
58-Ce-134

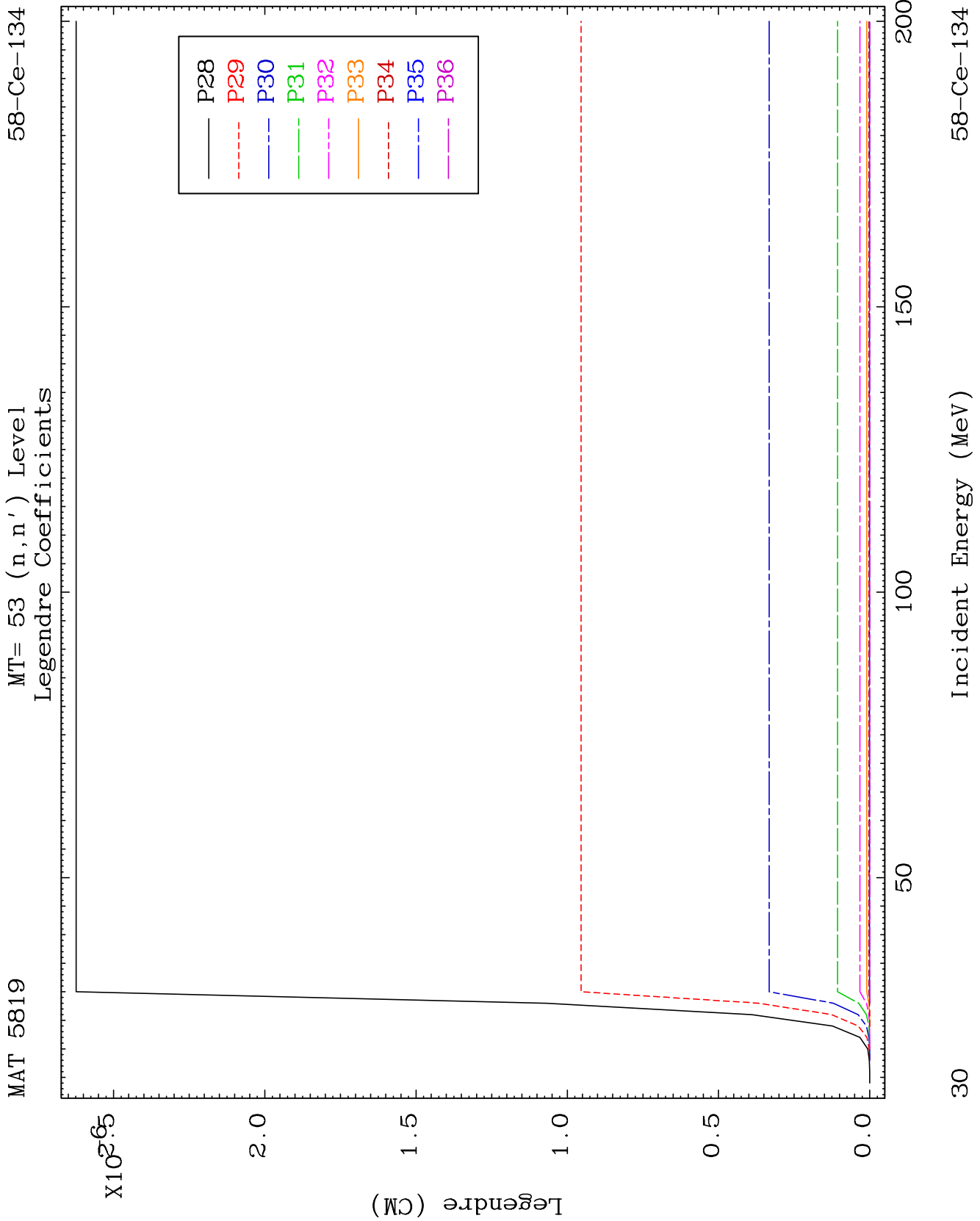


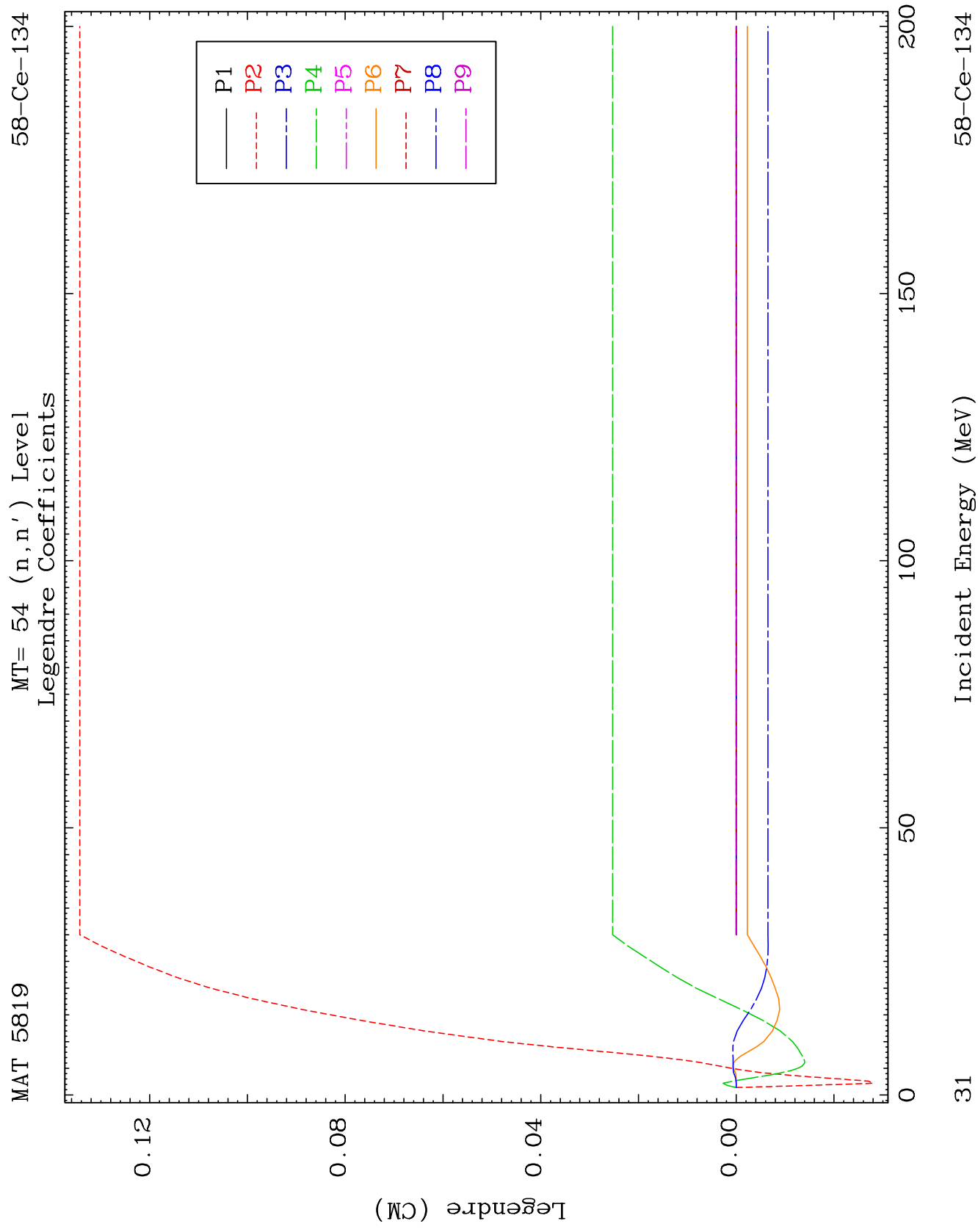
MAT 5819

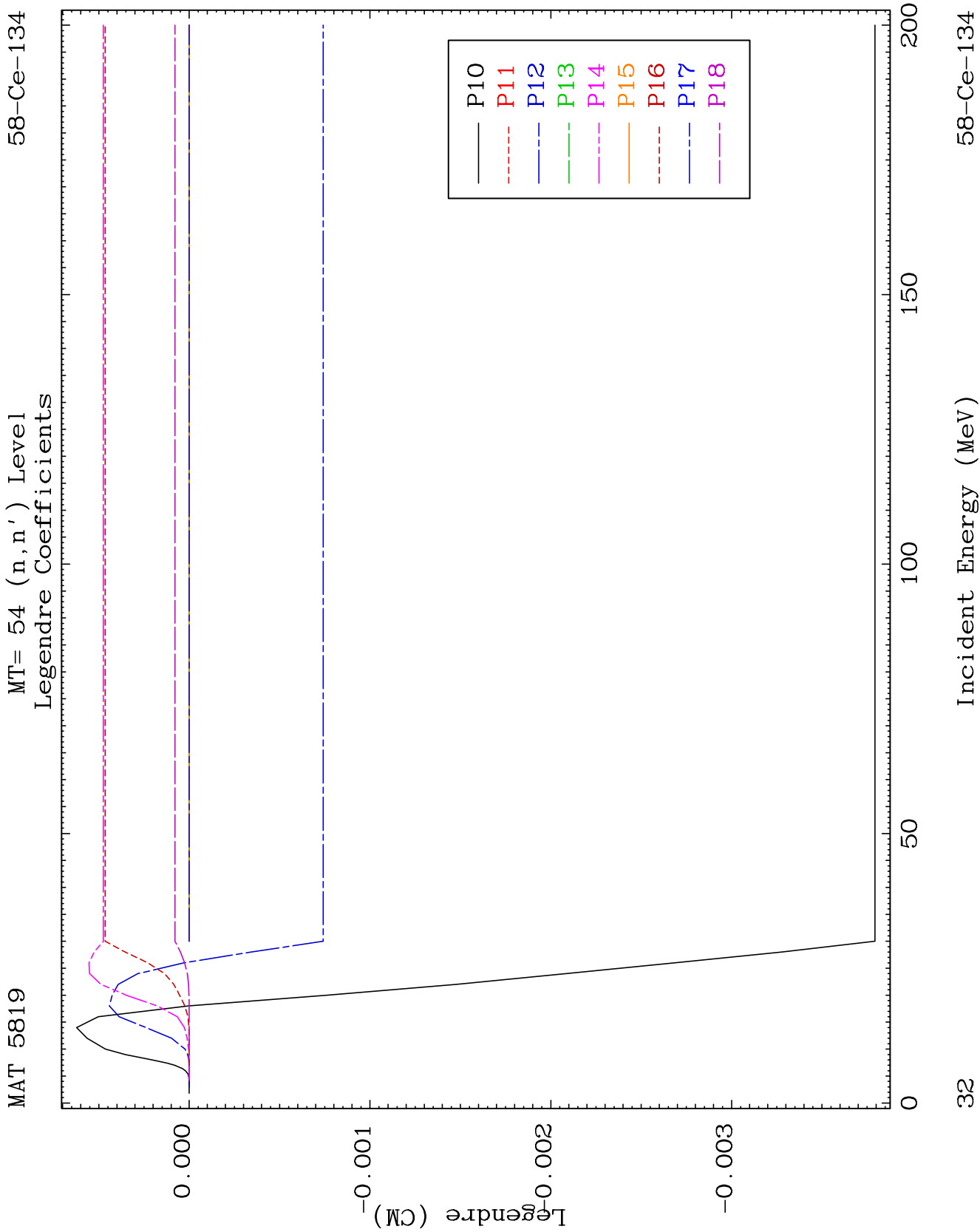
MT= 53 (n, n') Level
Legendre Coefficients

58-Ce-134





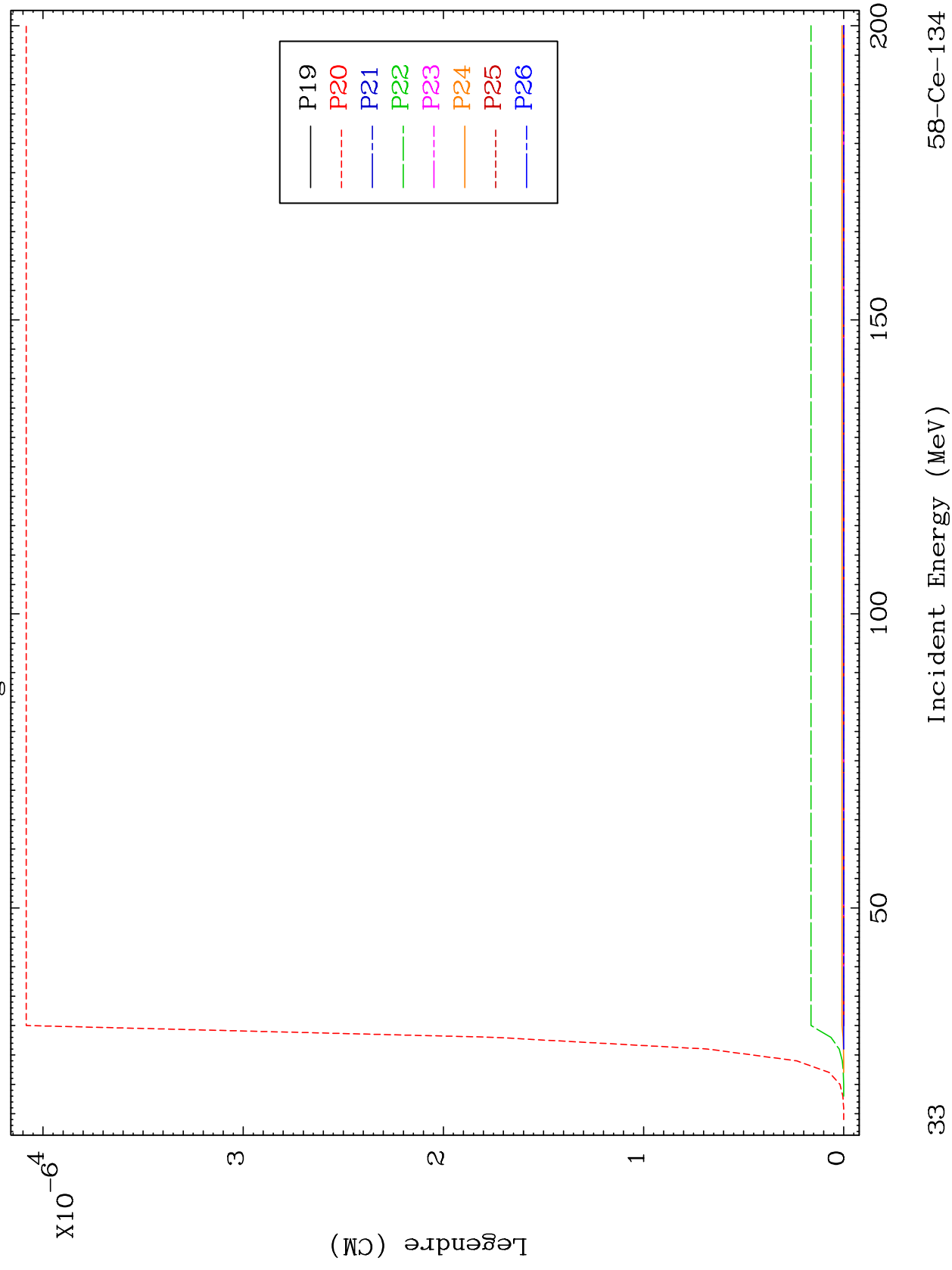


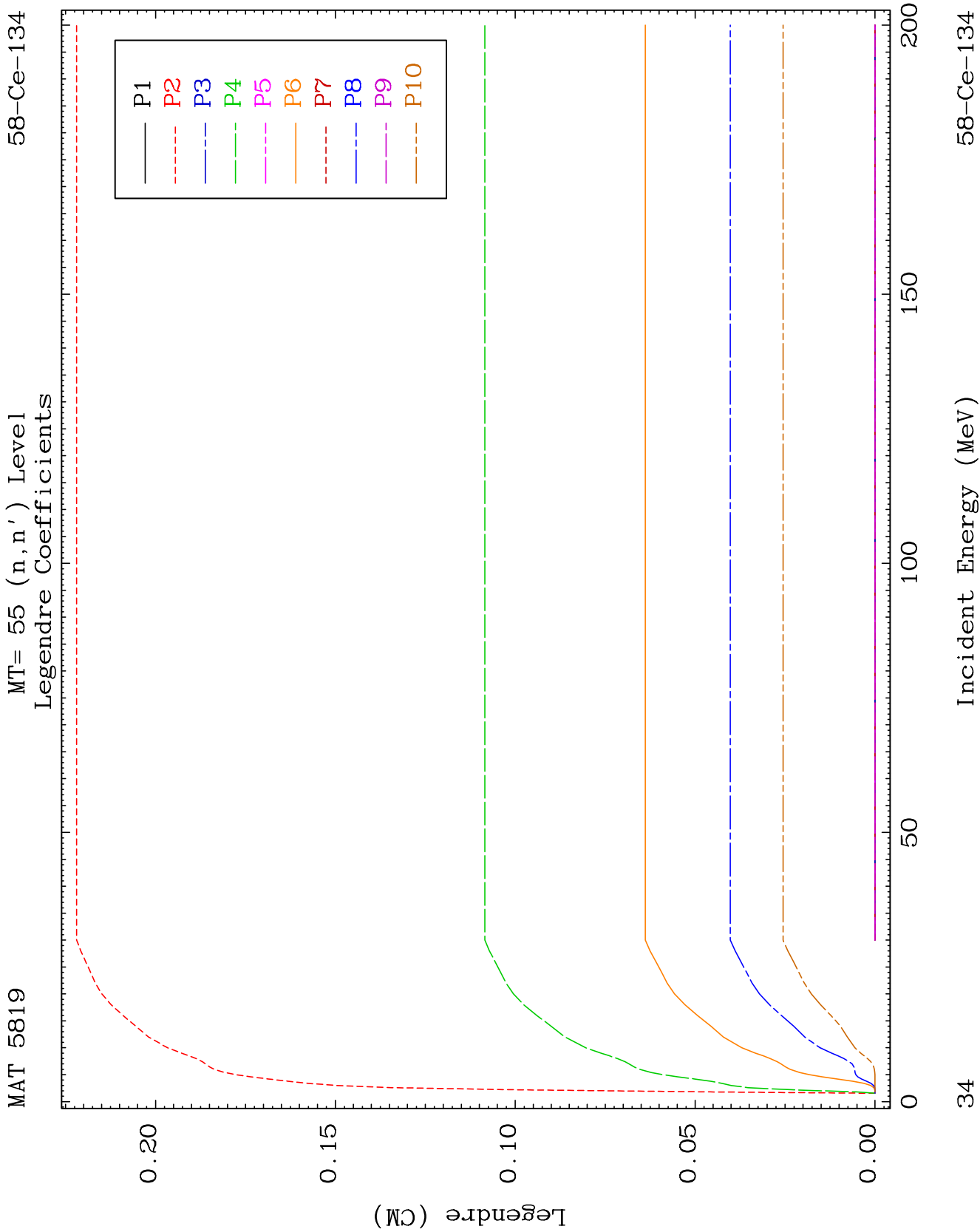


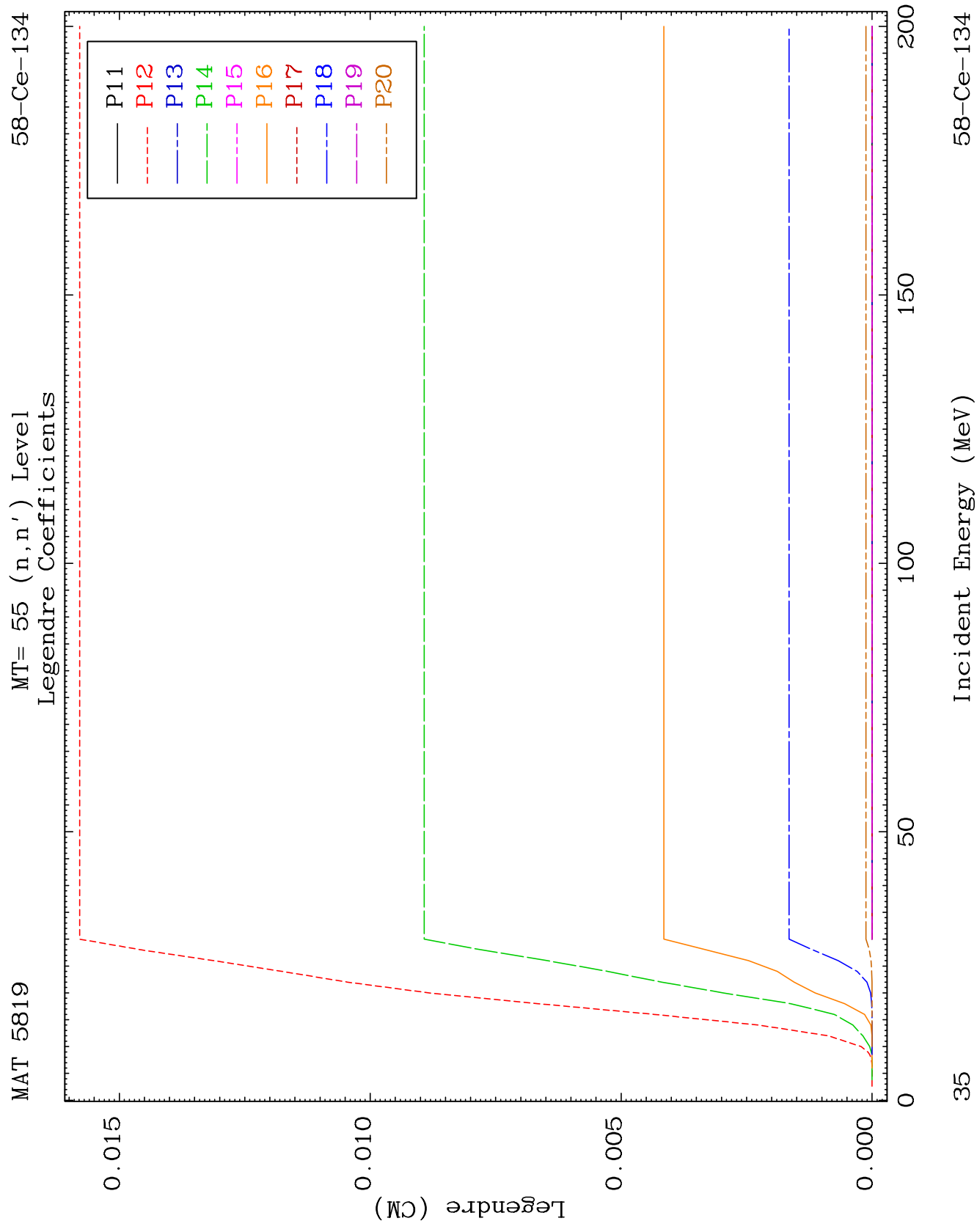
MAT 5819

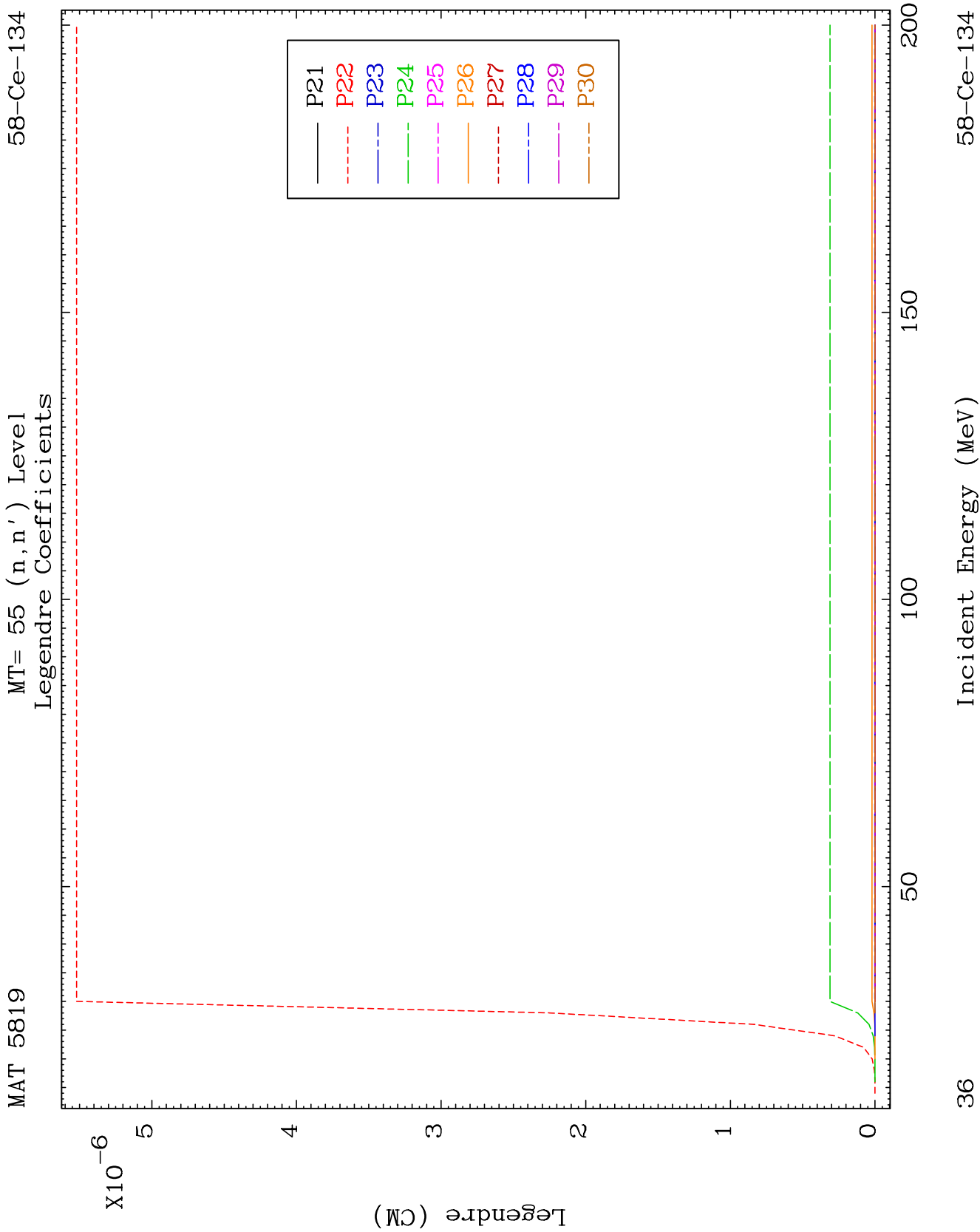
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Legendre Coefficients

58-Ce-134





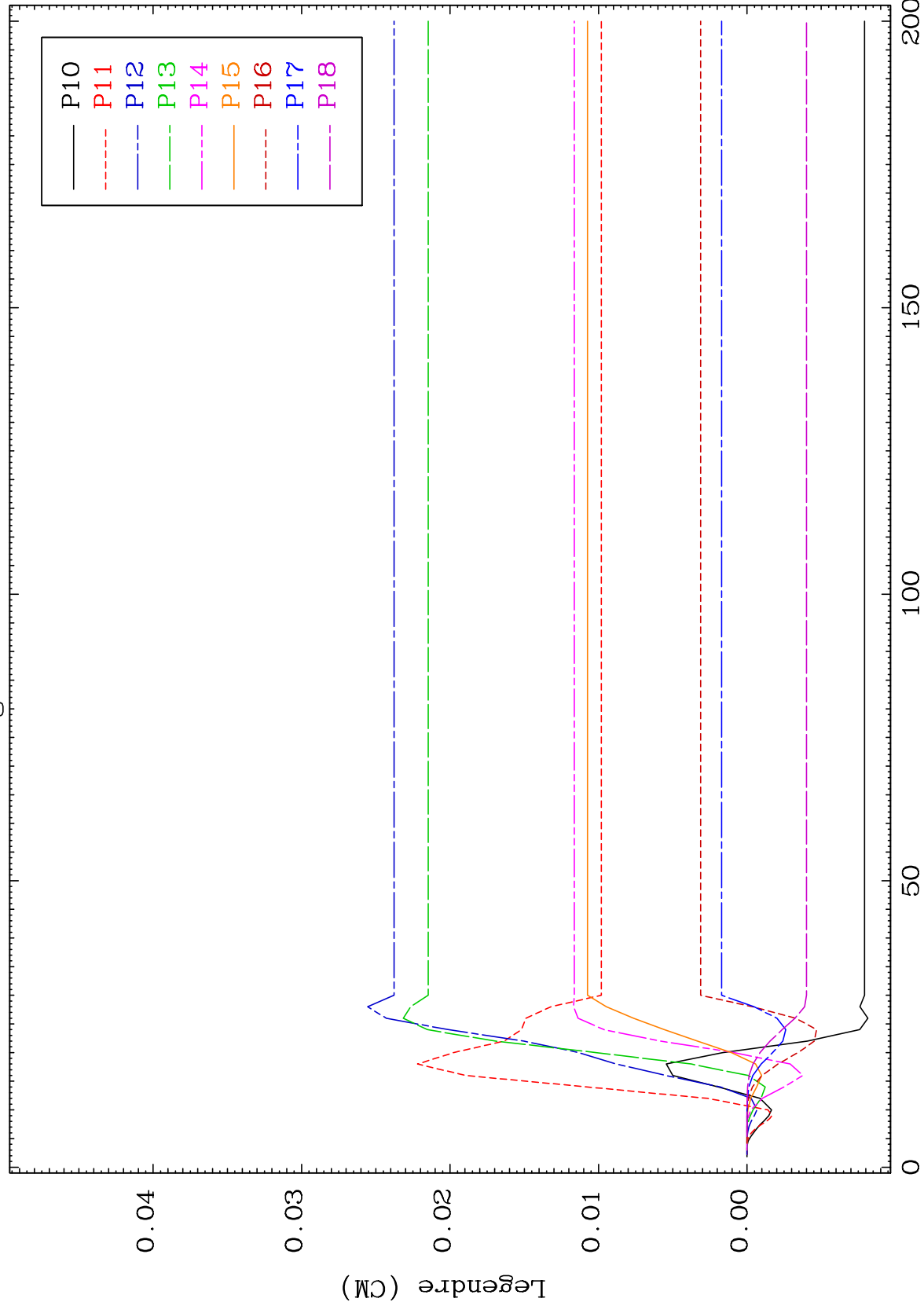




MAT 5819

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

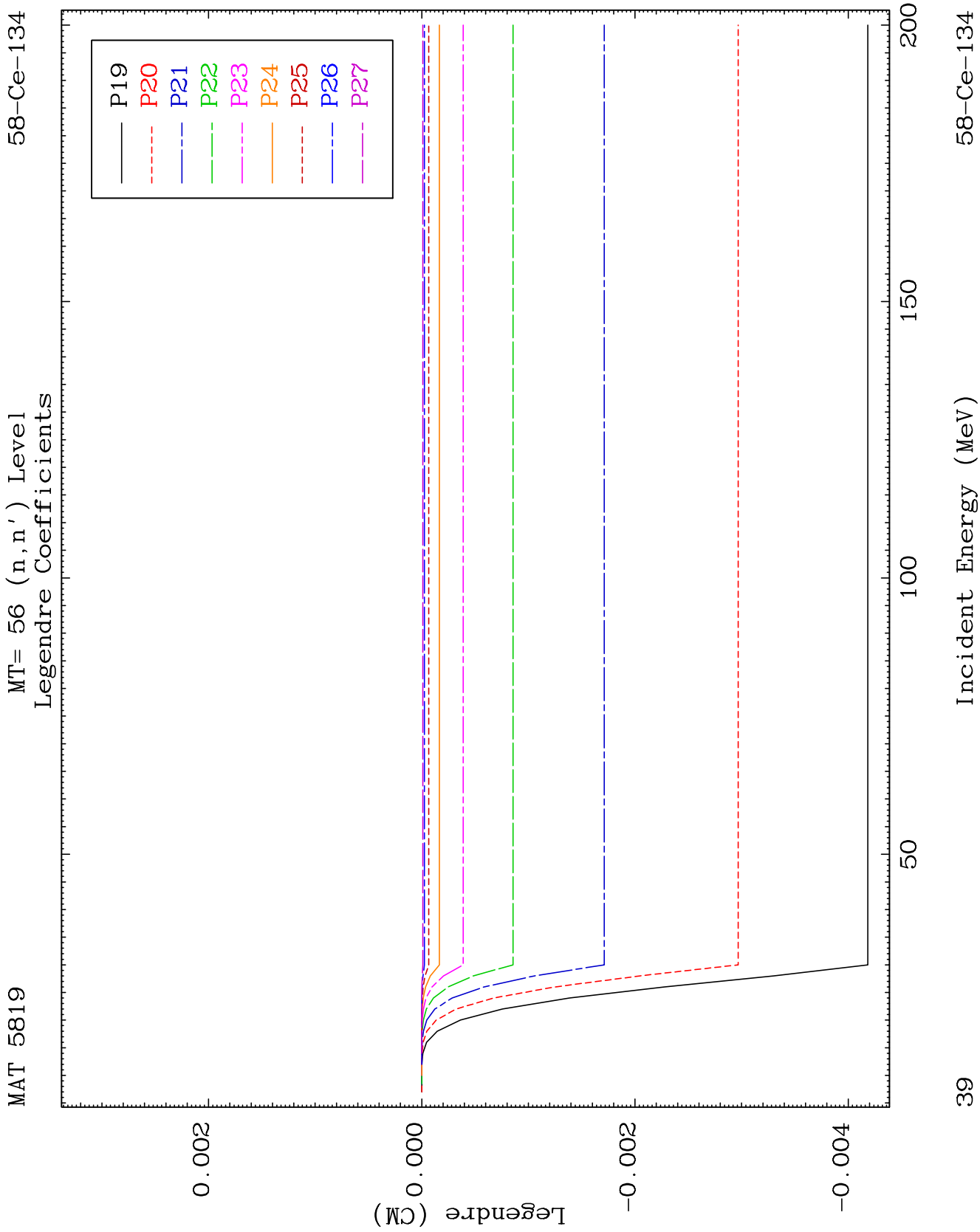
58-Ce-134



33

Incident Energy (MeV)

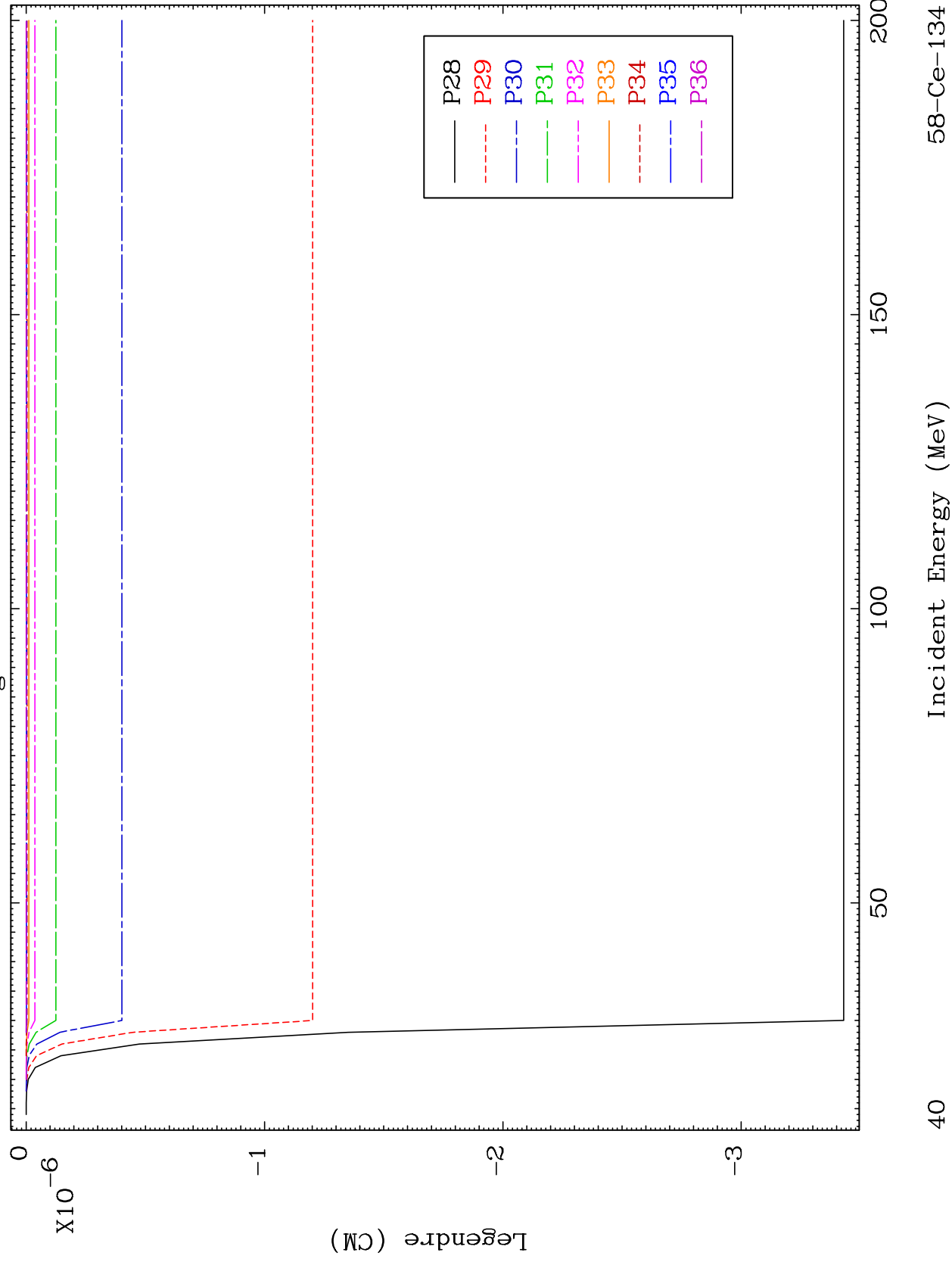
58-Ce-134



MAT 5819

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

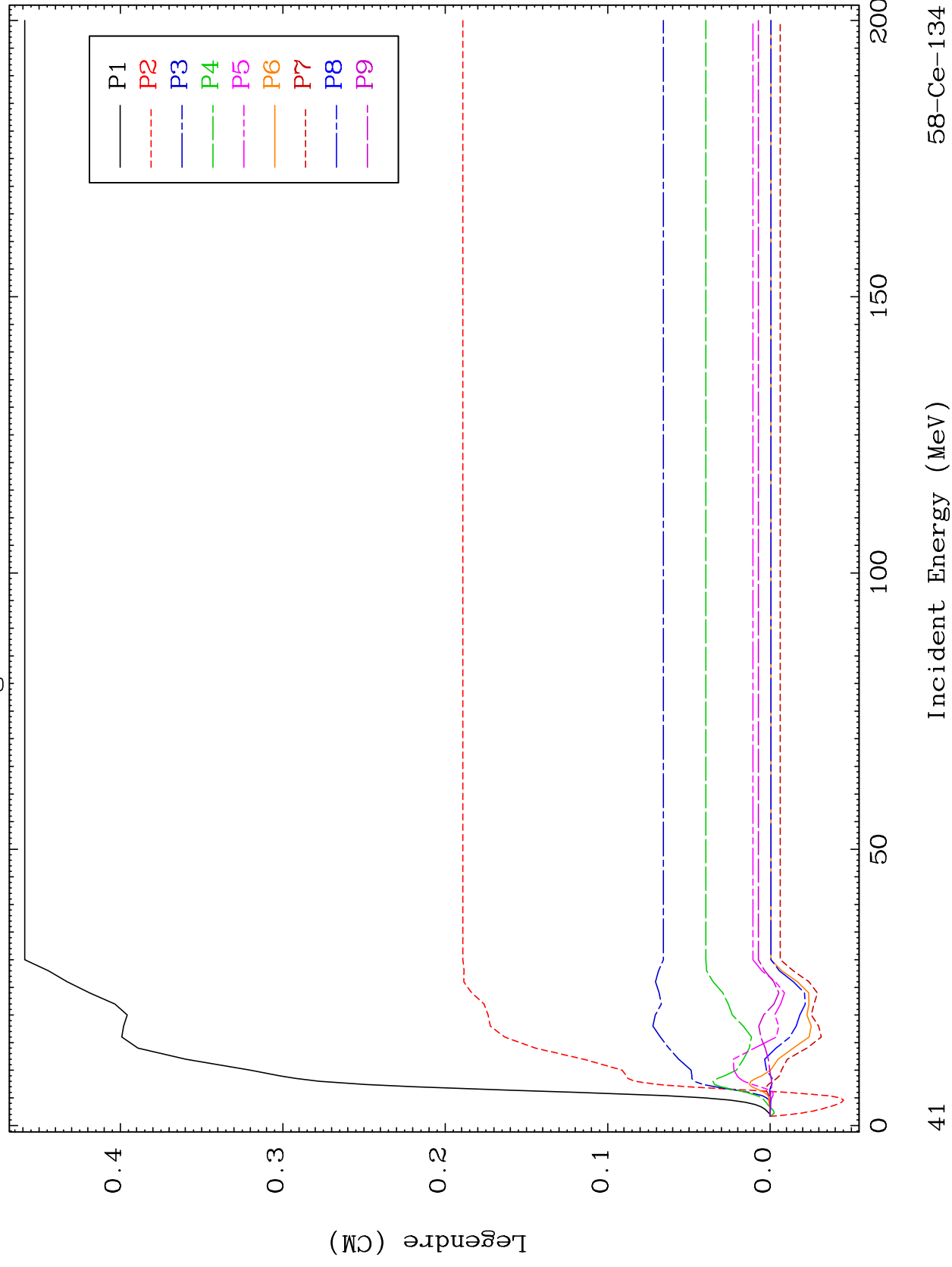
58-Ce-134



MAT 5819

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

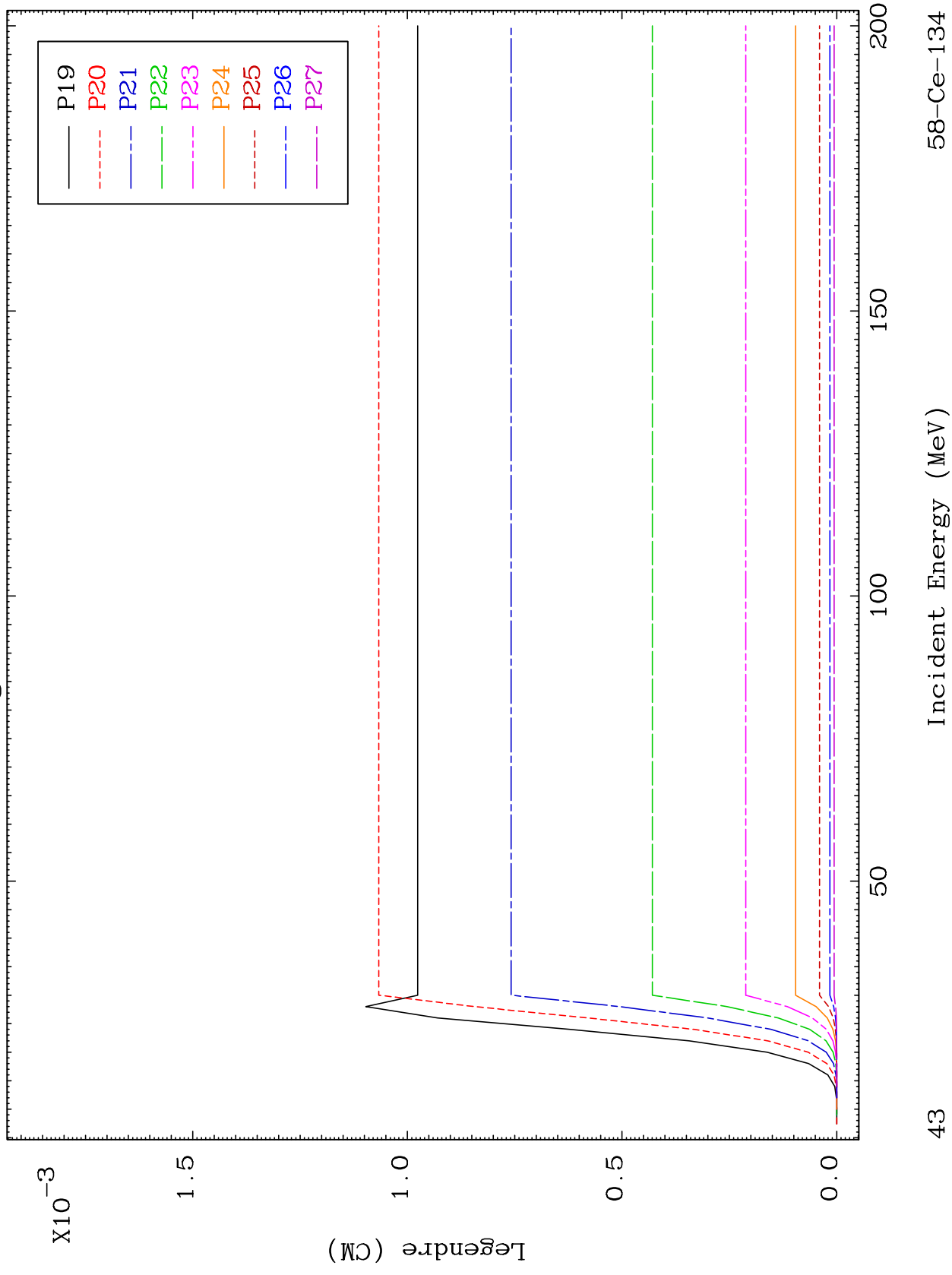
58-Ce-134

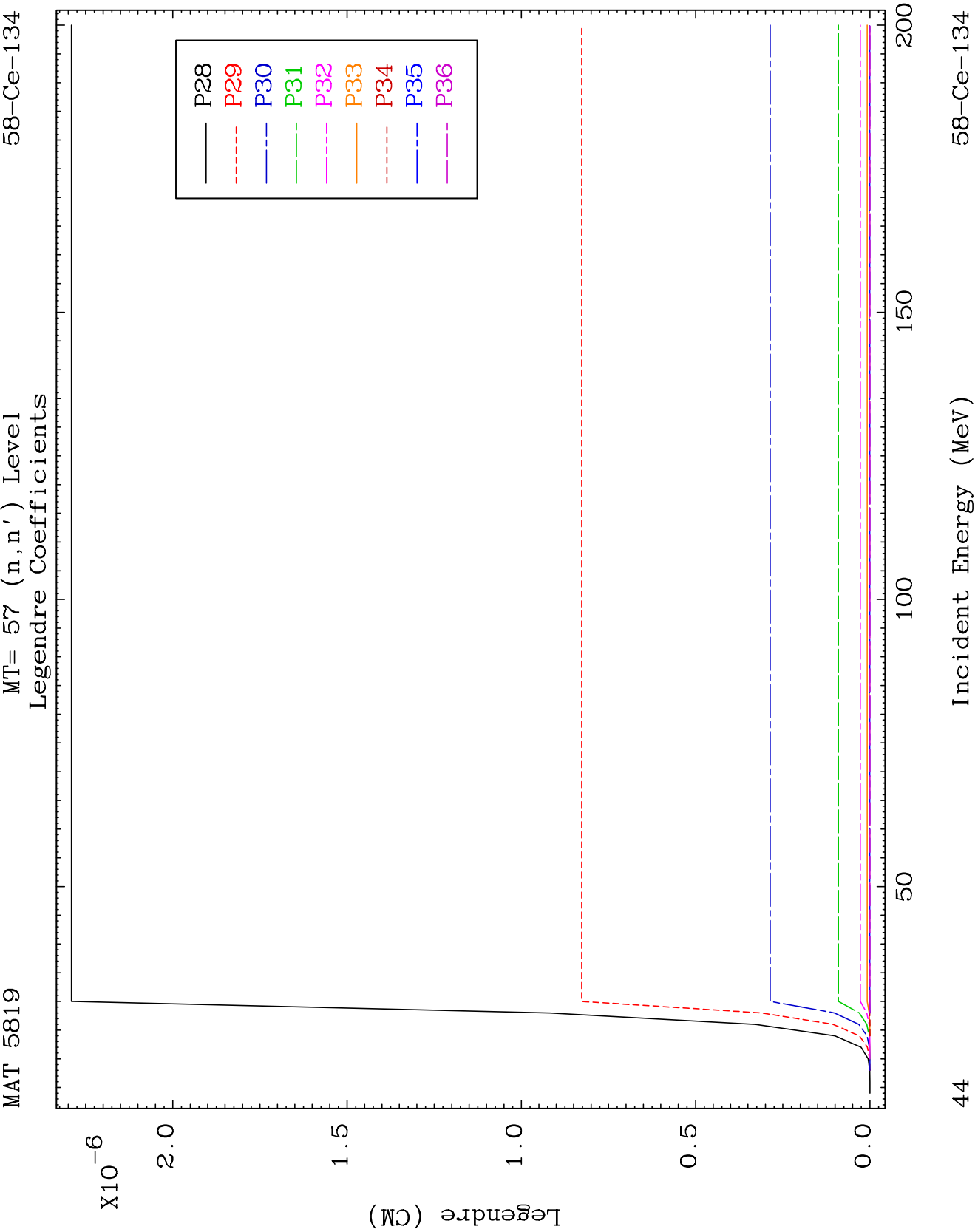


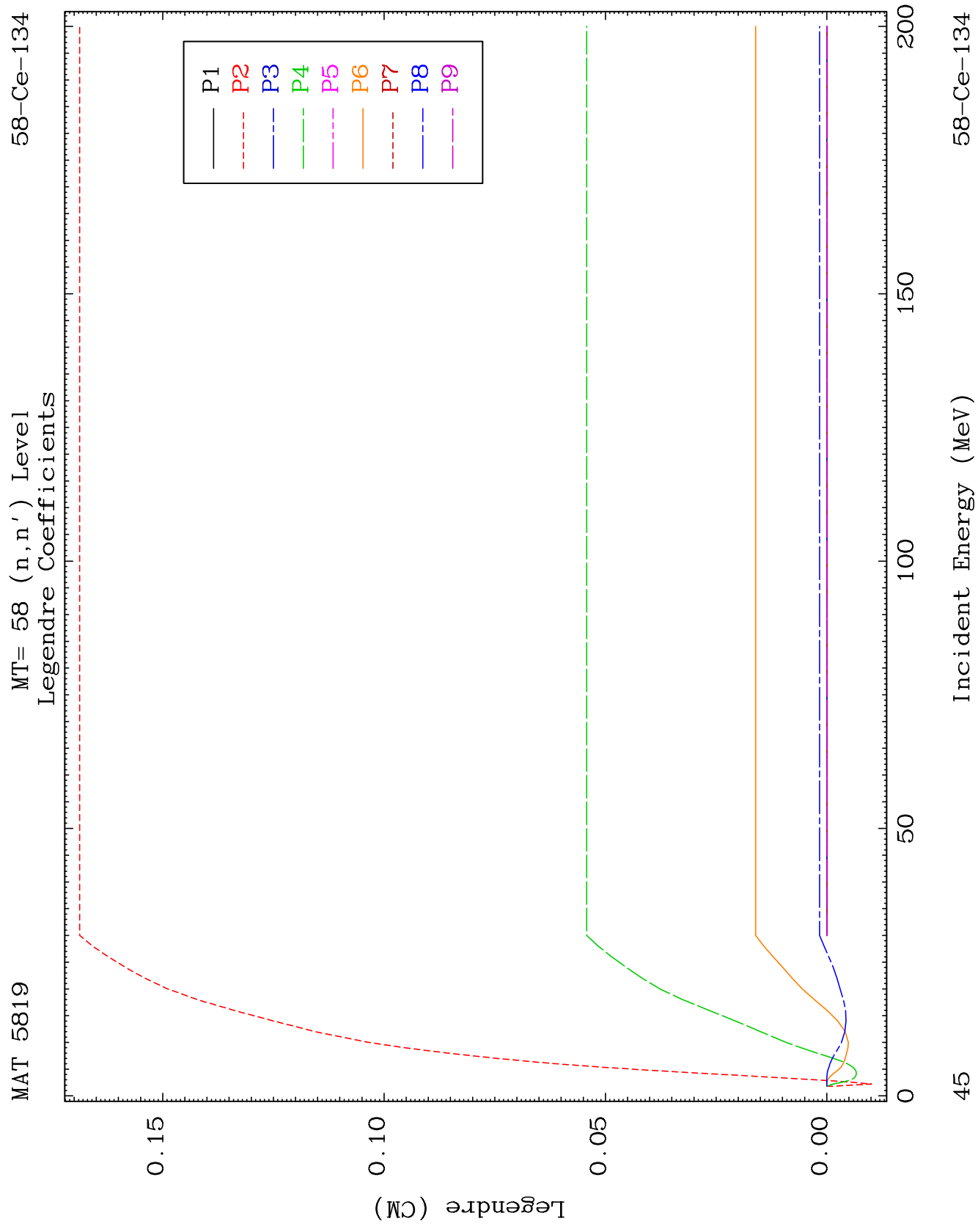
MAT 5819

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

58-Ce-134



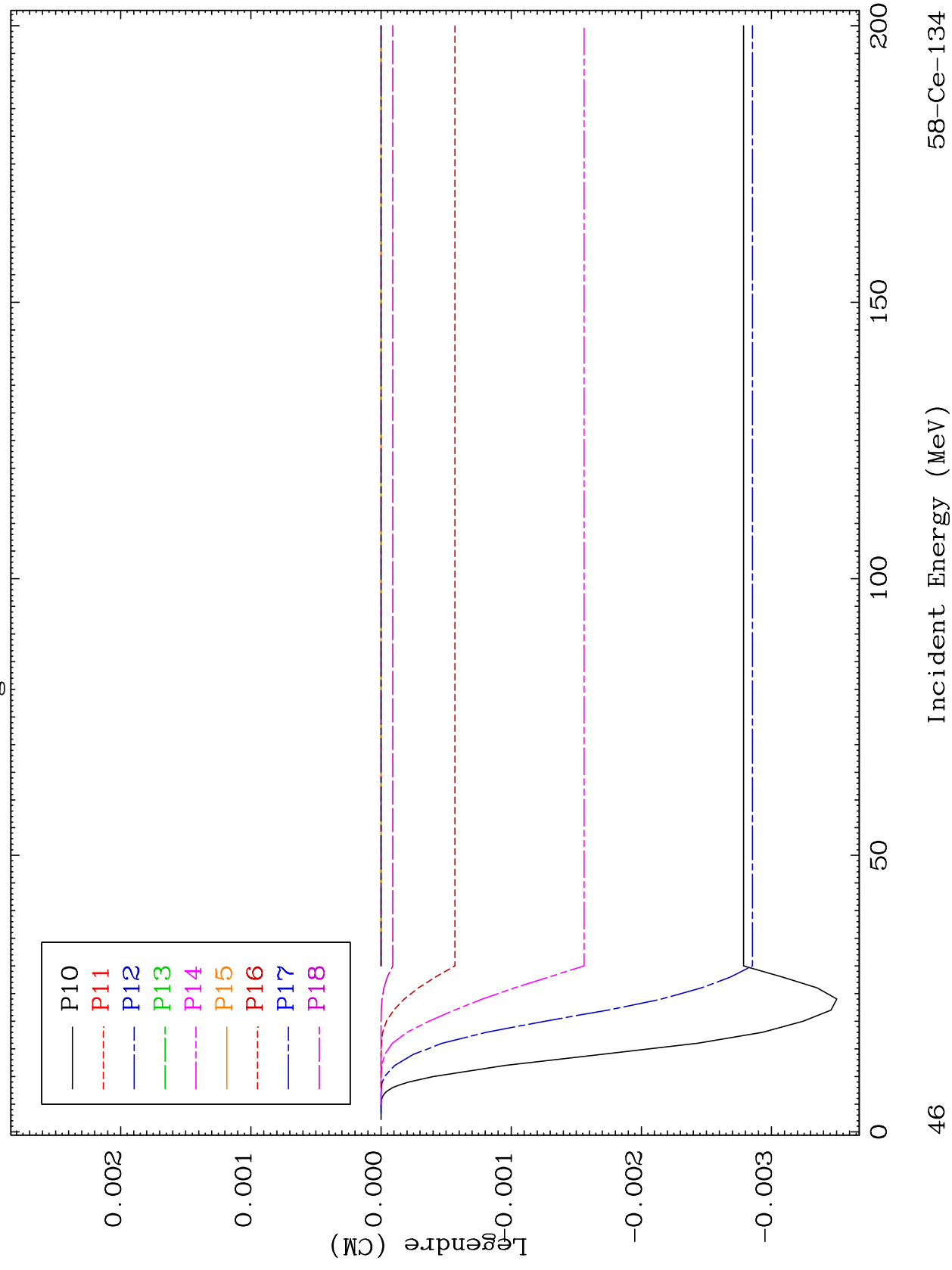


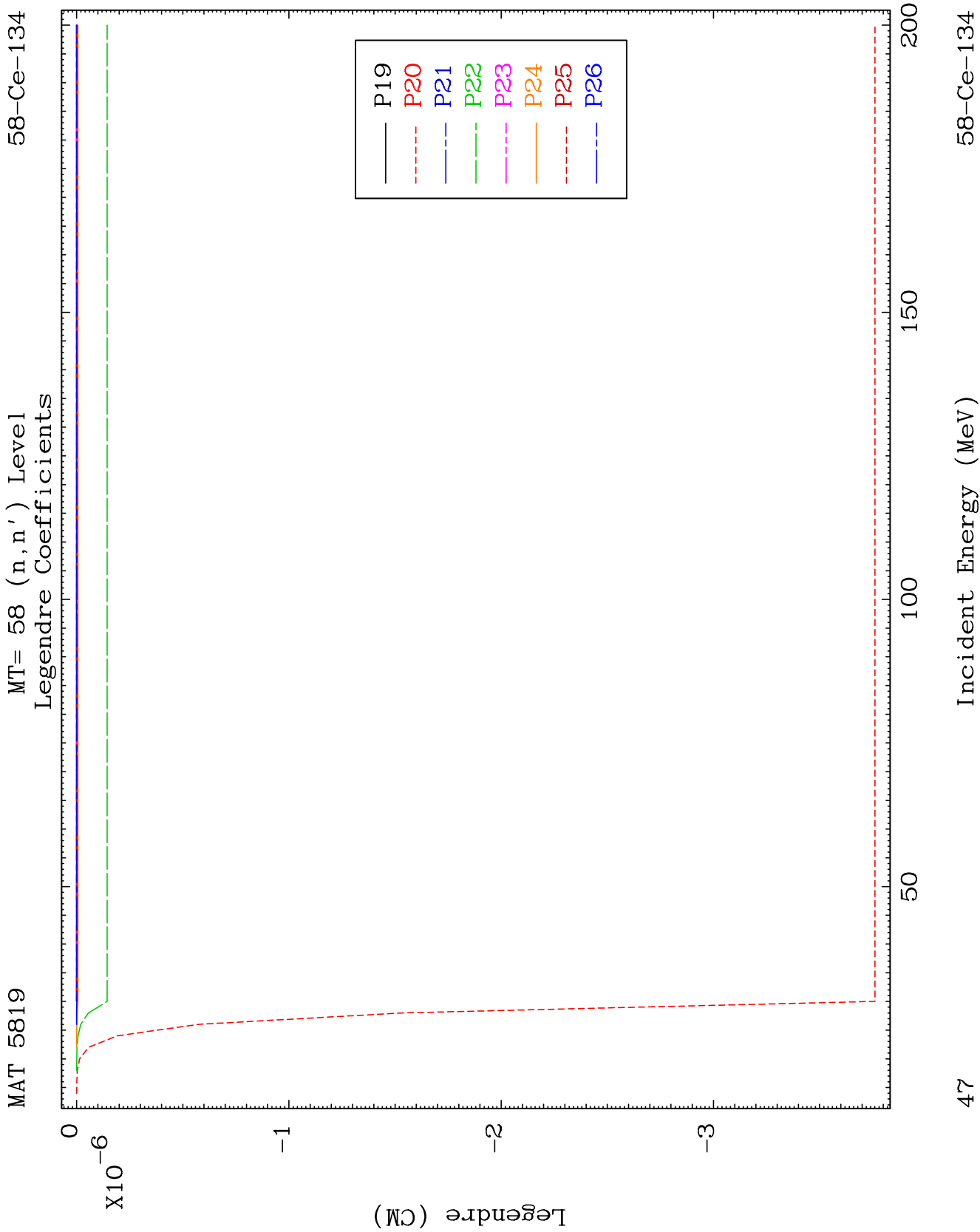


MAT 5819

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

58-Ce-134

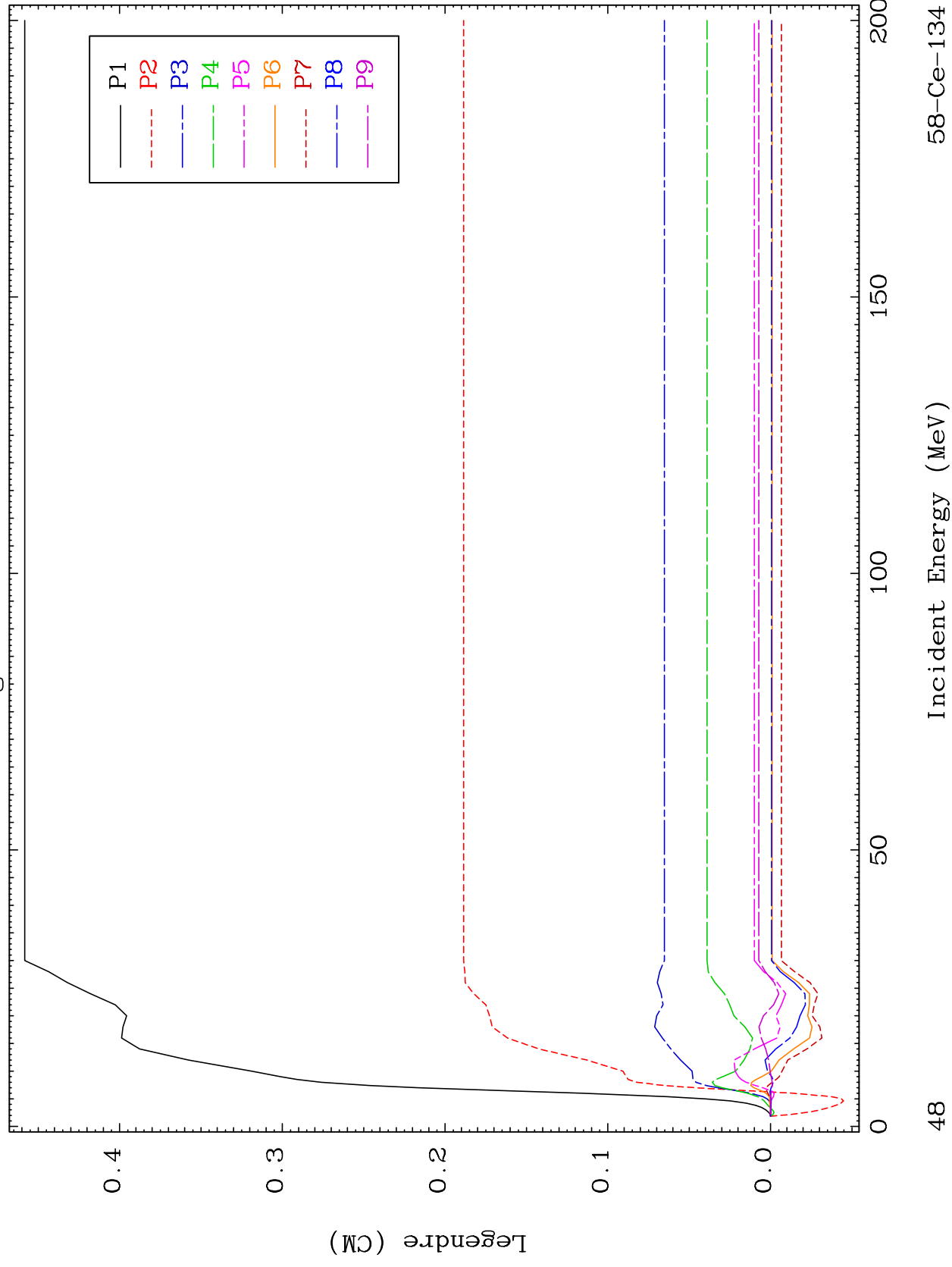




MAT 5819

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

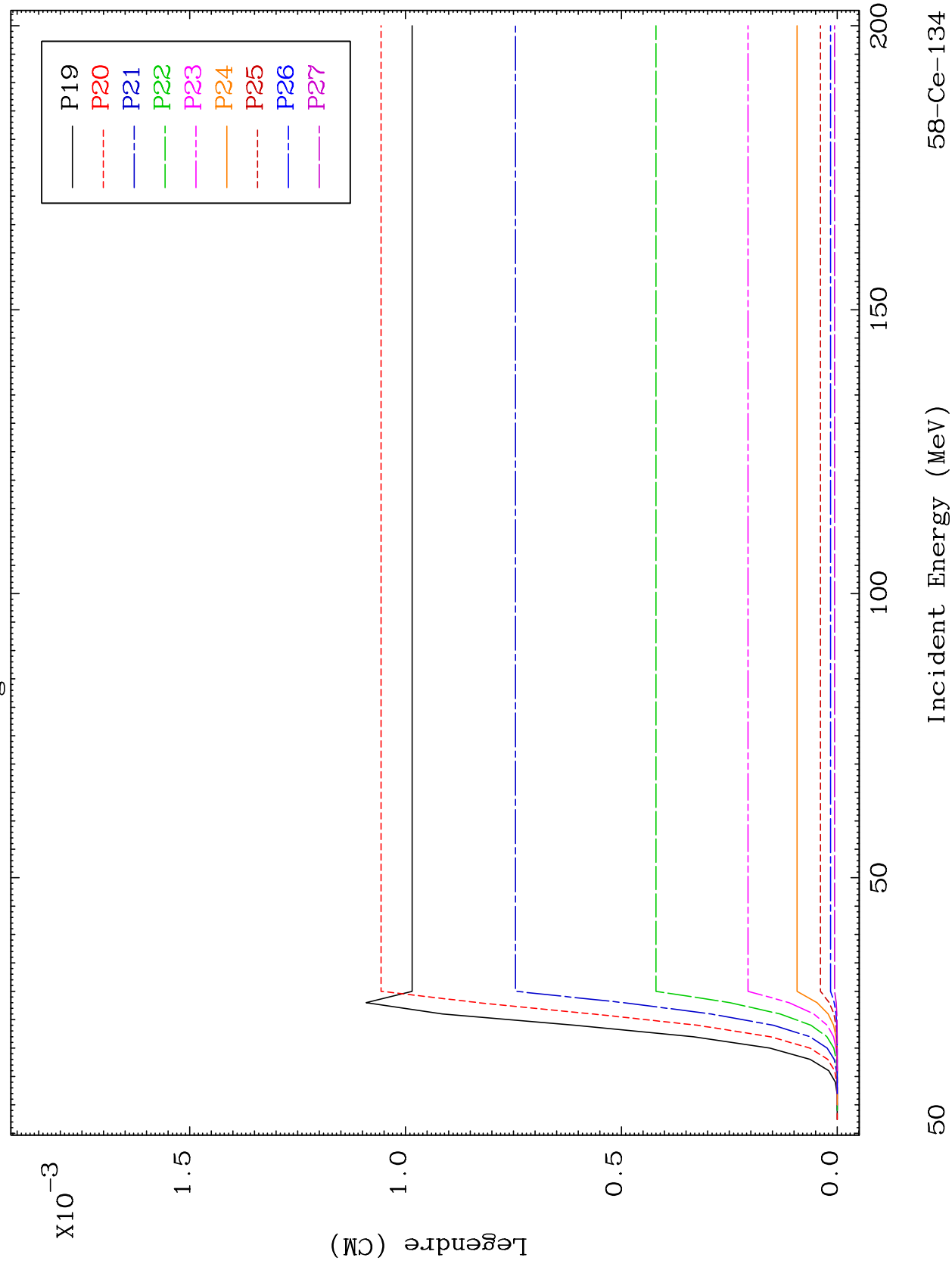
58-Ce-134



MAT 5819

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

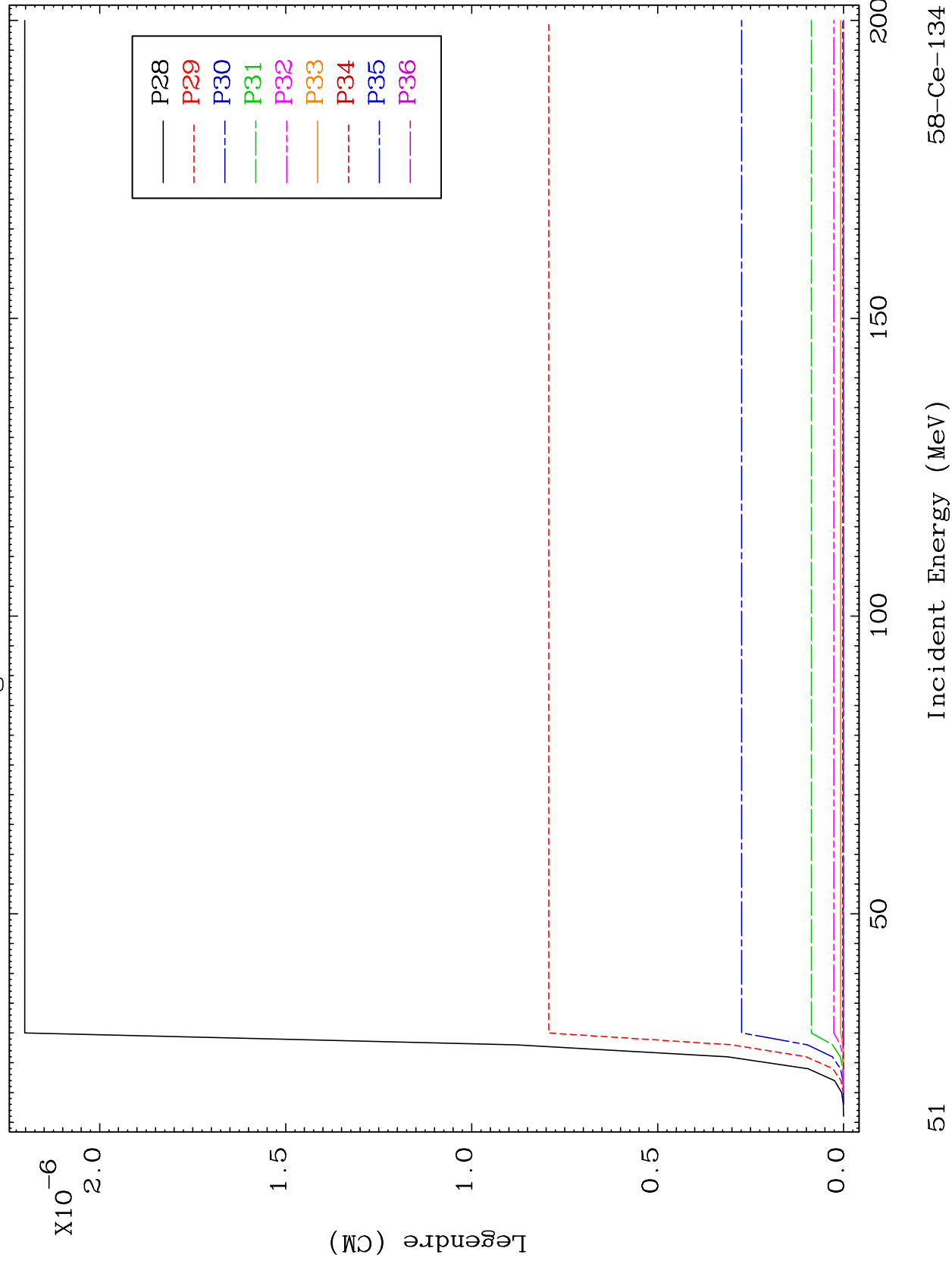
58-Ce-134



MAT 5819

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

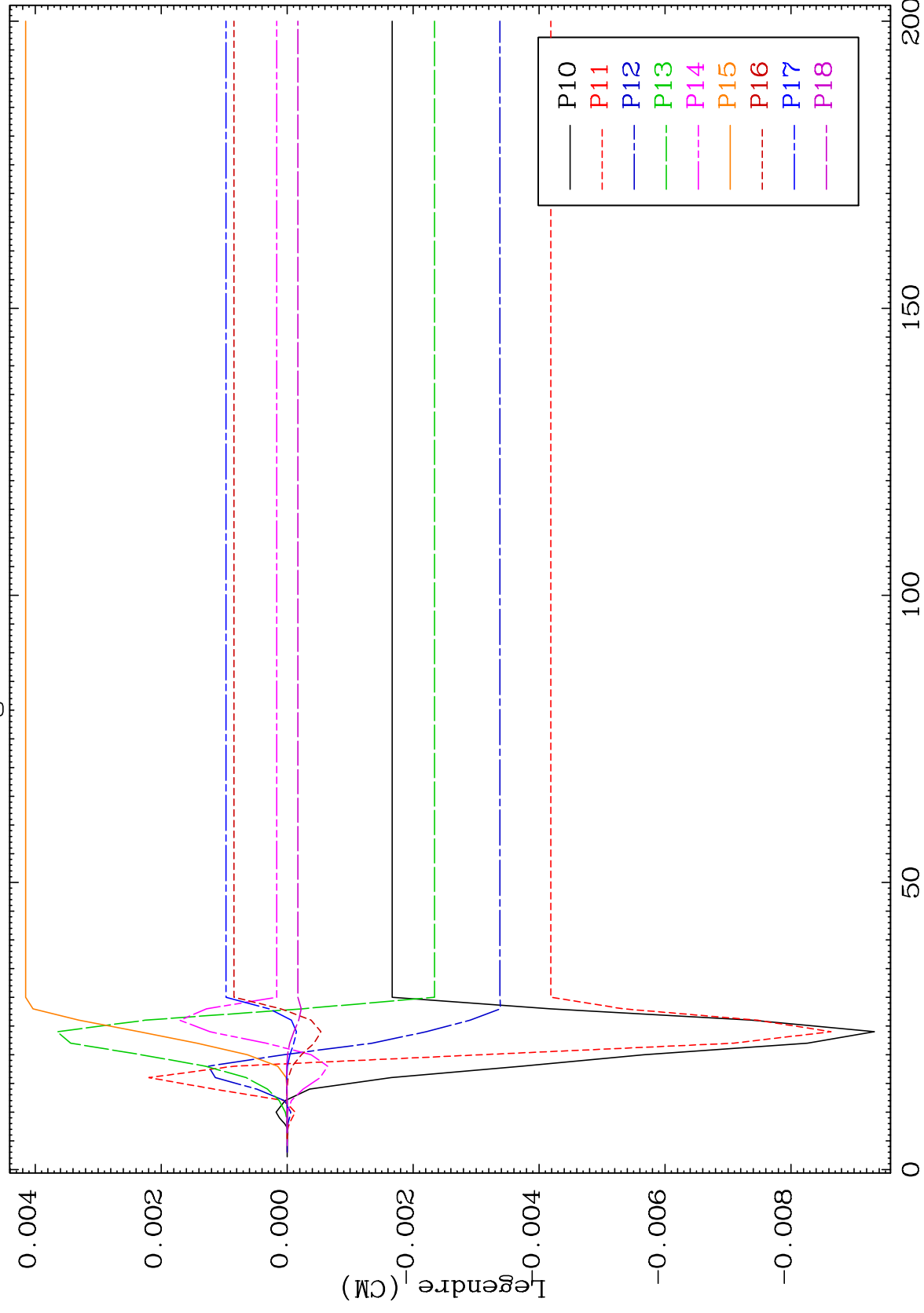
58-Ce-134



MAT 5819

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

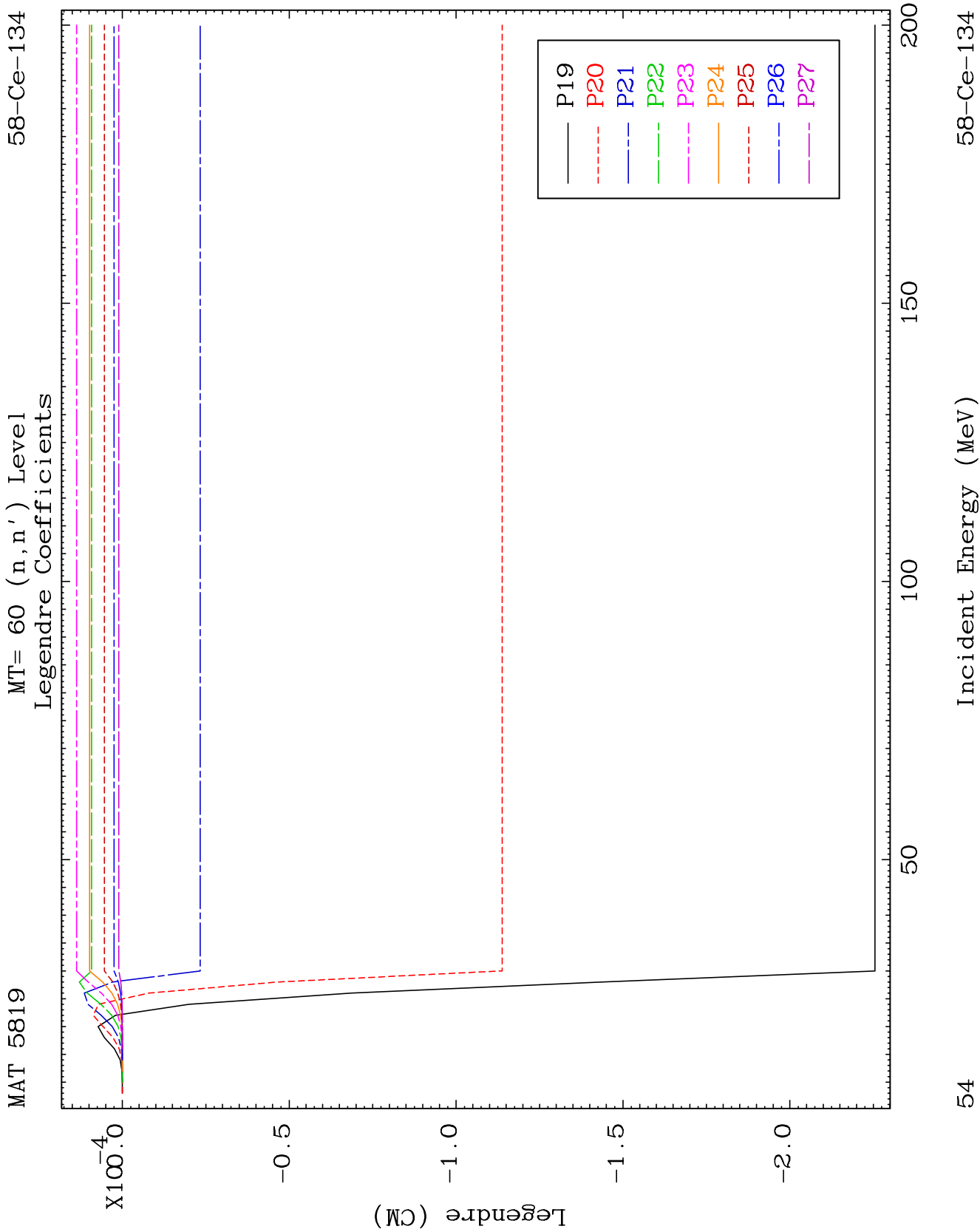
58-Ce-134

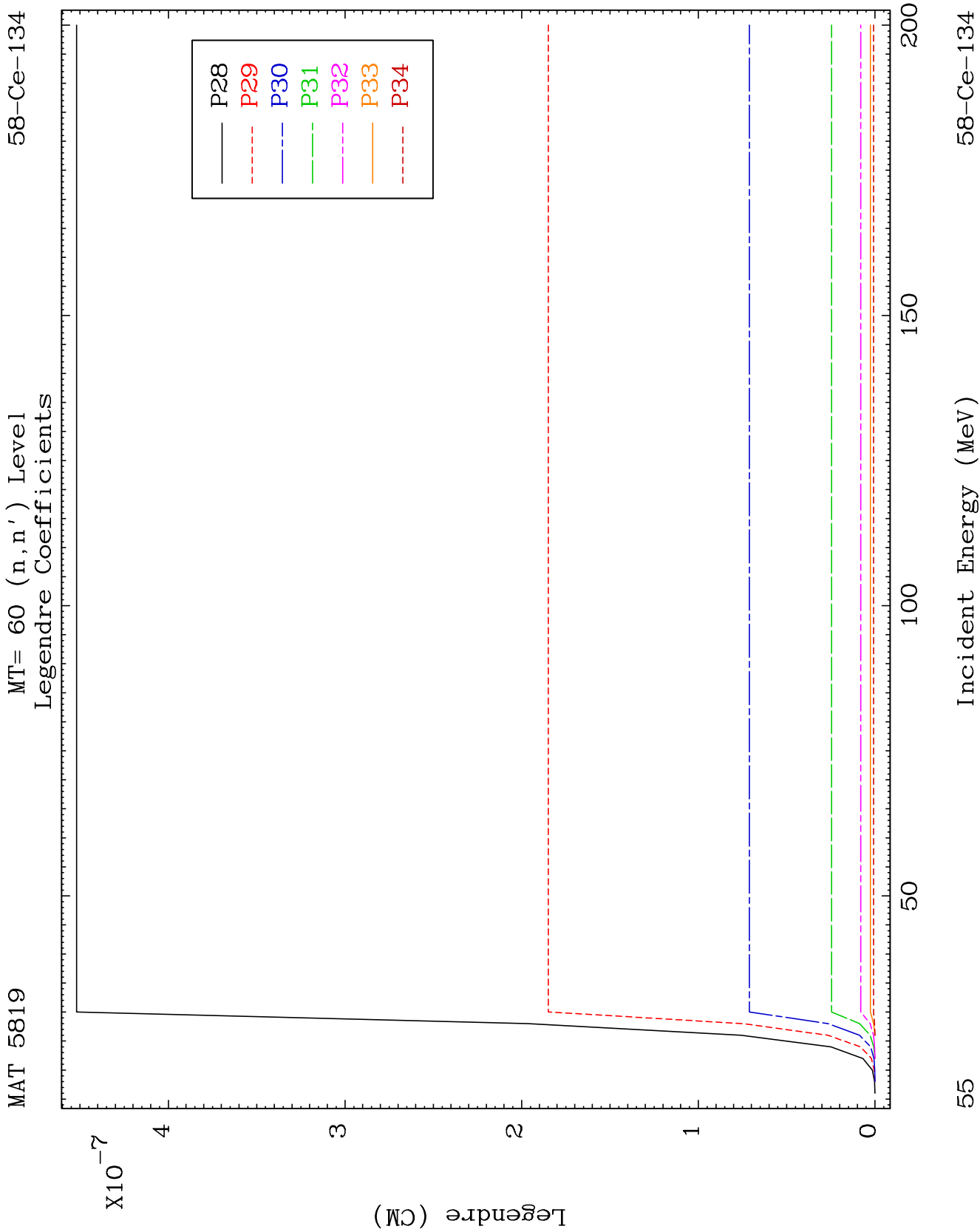


53

Incident Energy (MeV)

58-Ce-134

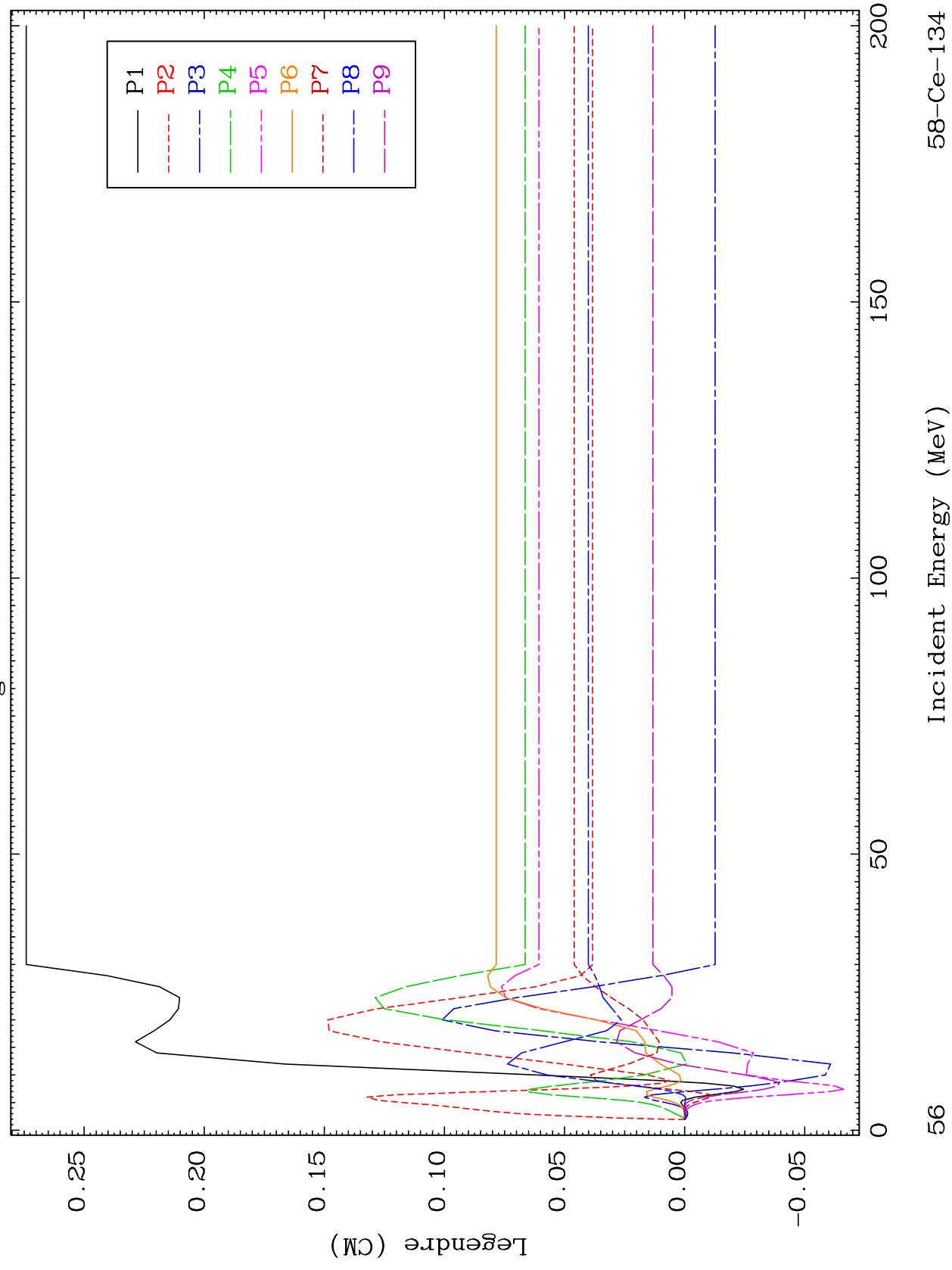


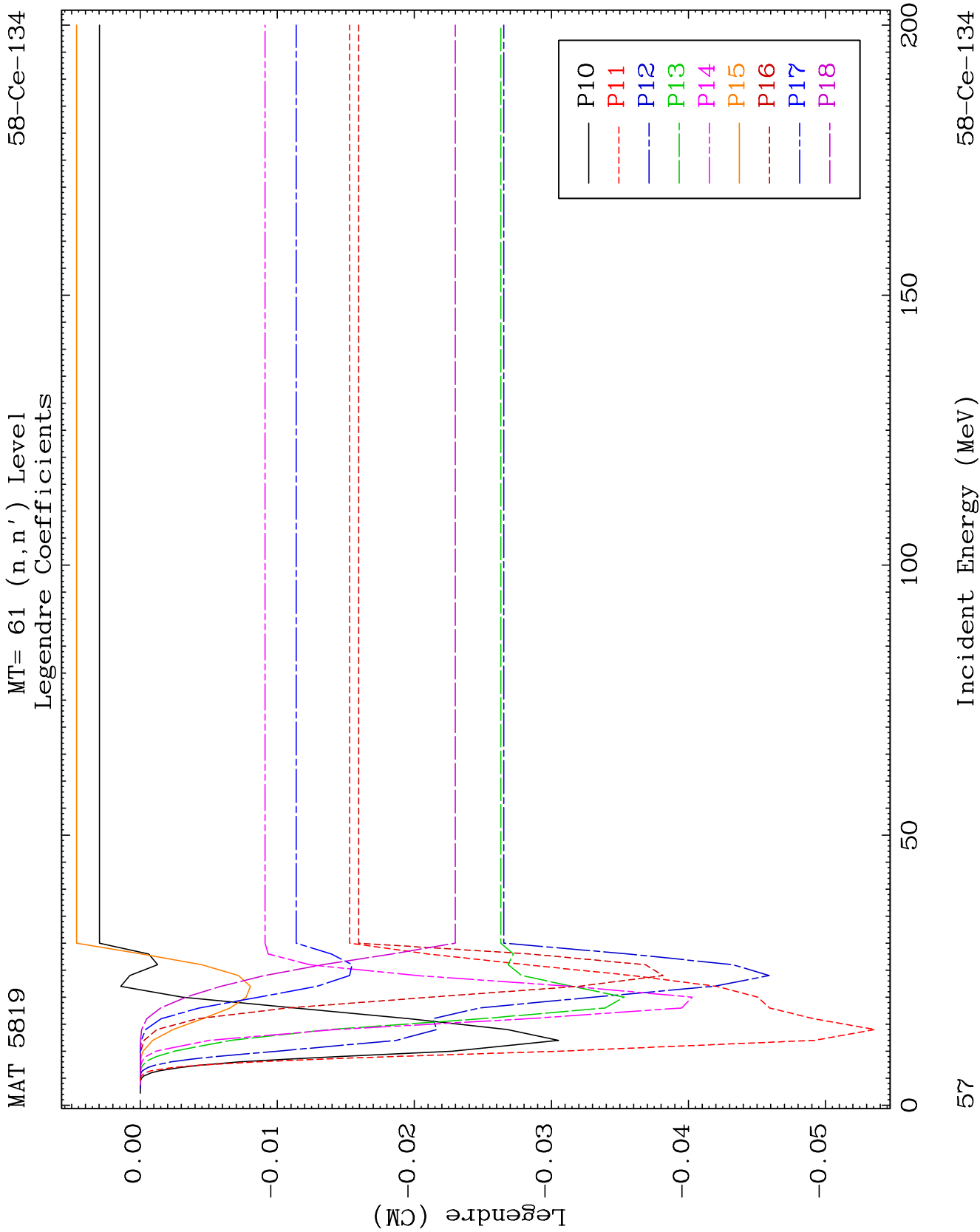


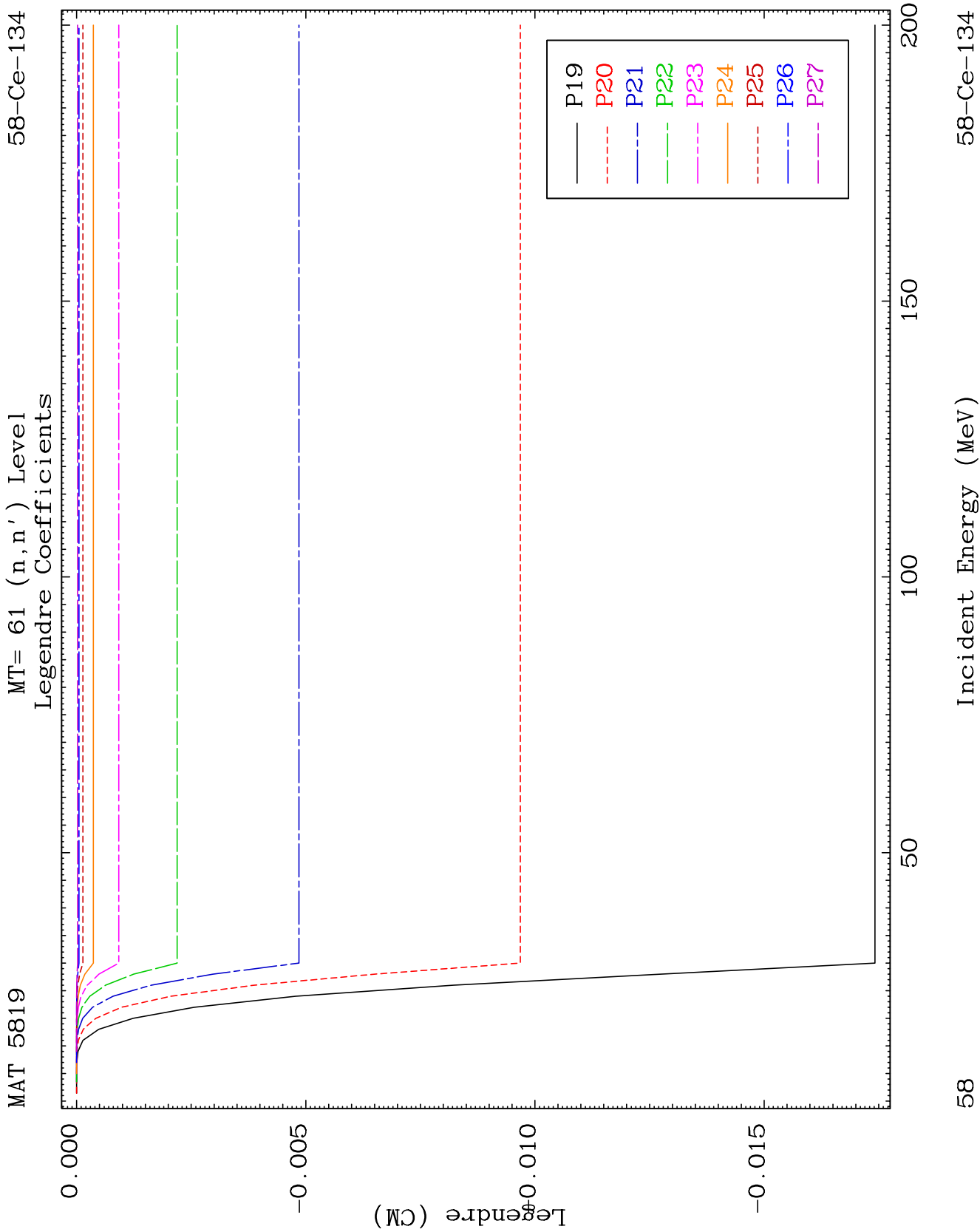
MAT 5819

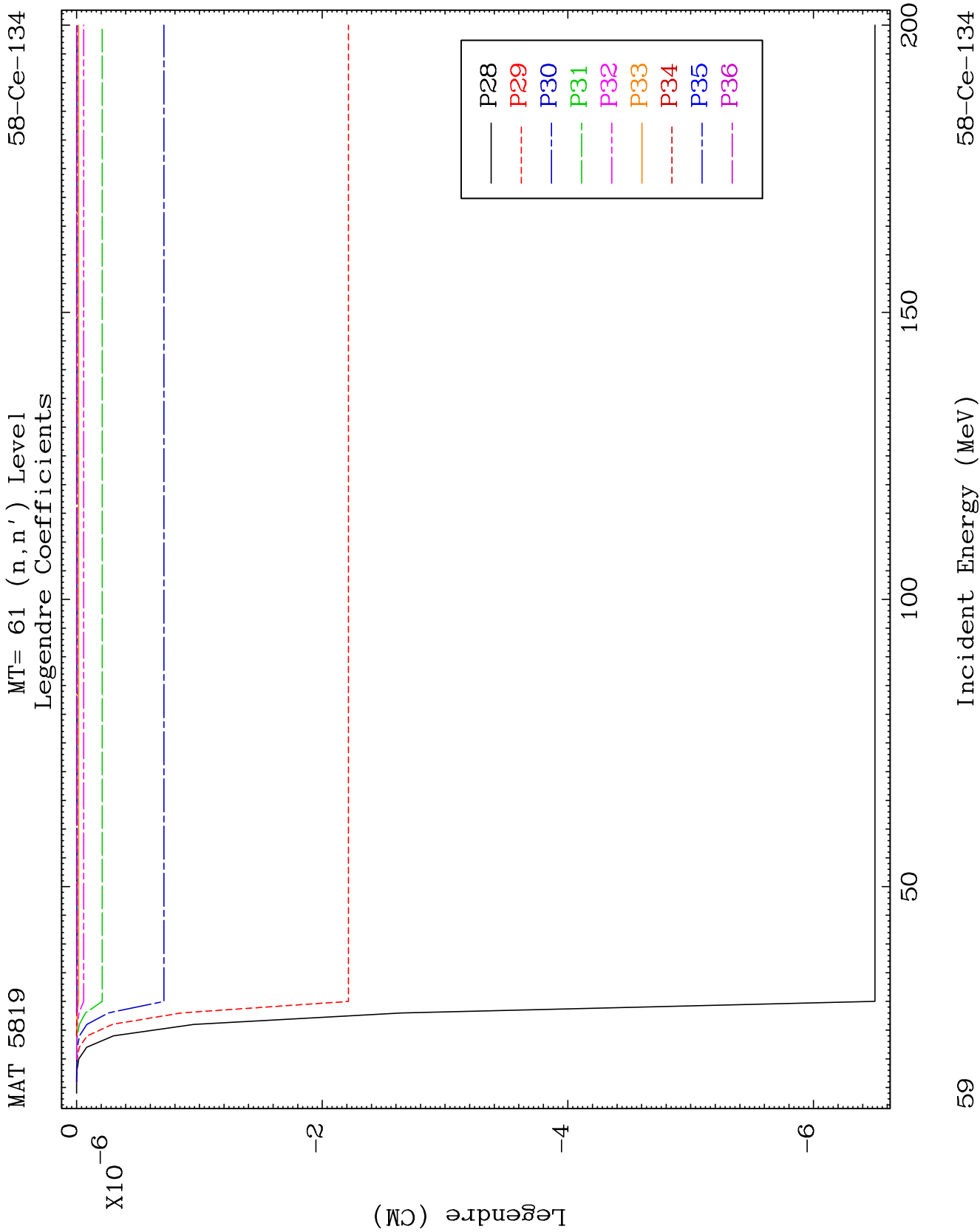
MT= 61 (n, n') Level
Legendre Coefficients

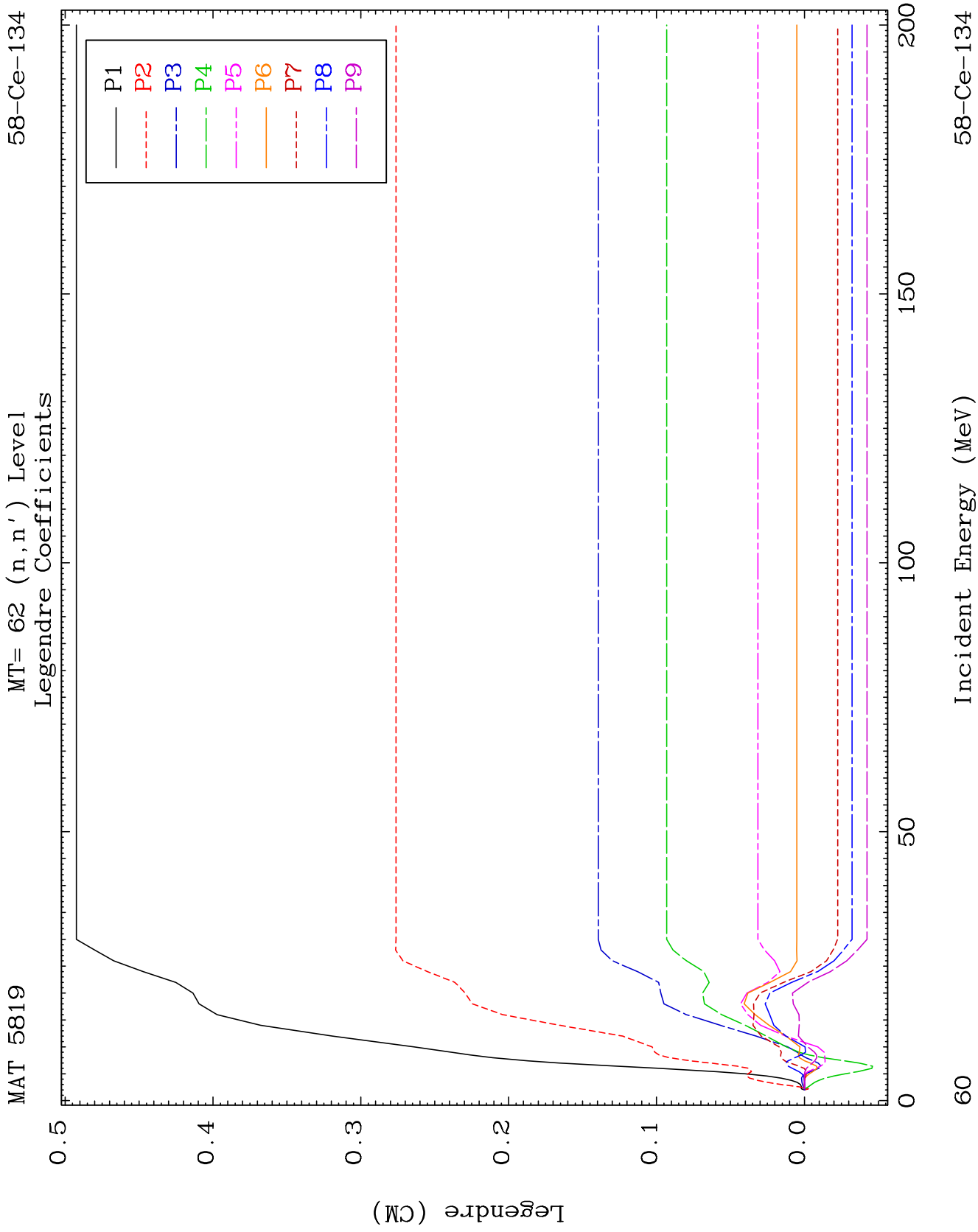
58-Ce-134

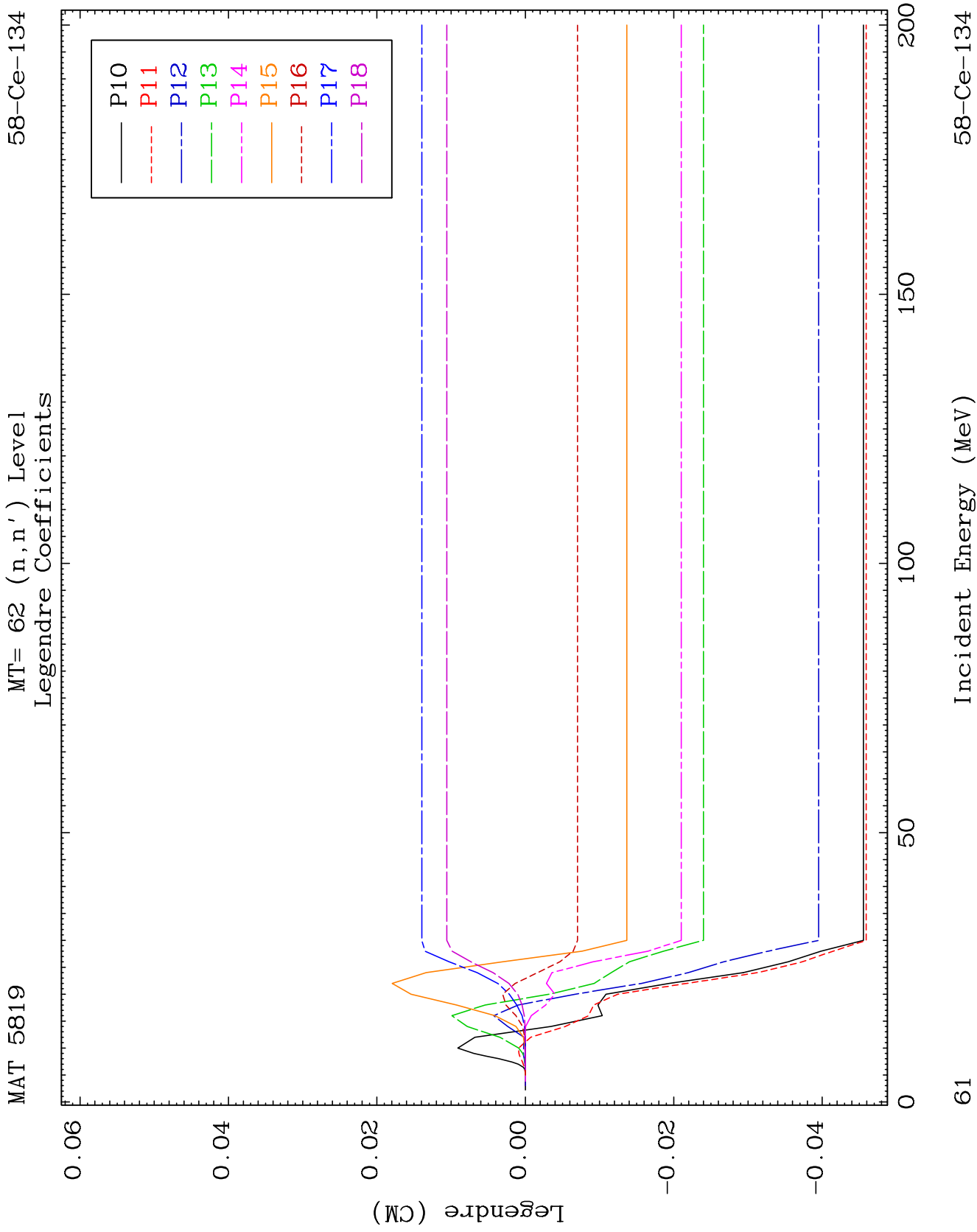








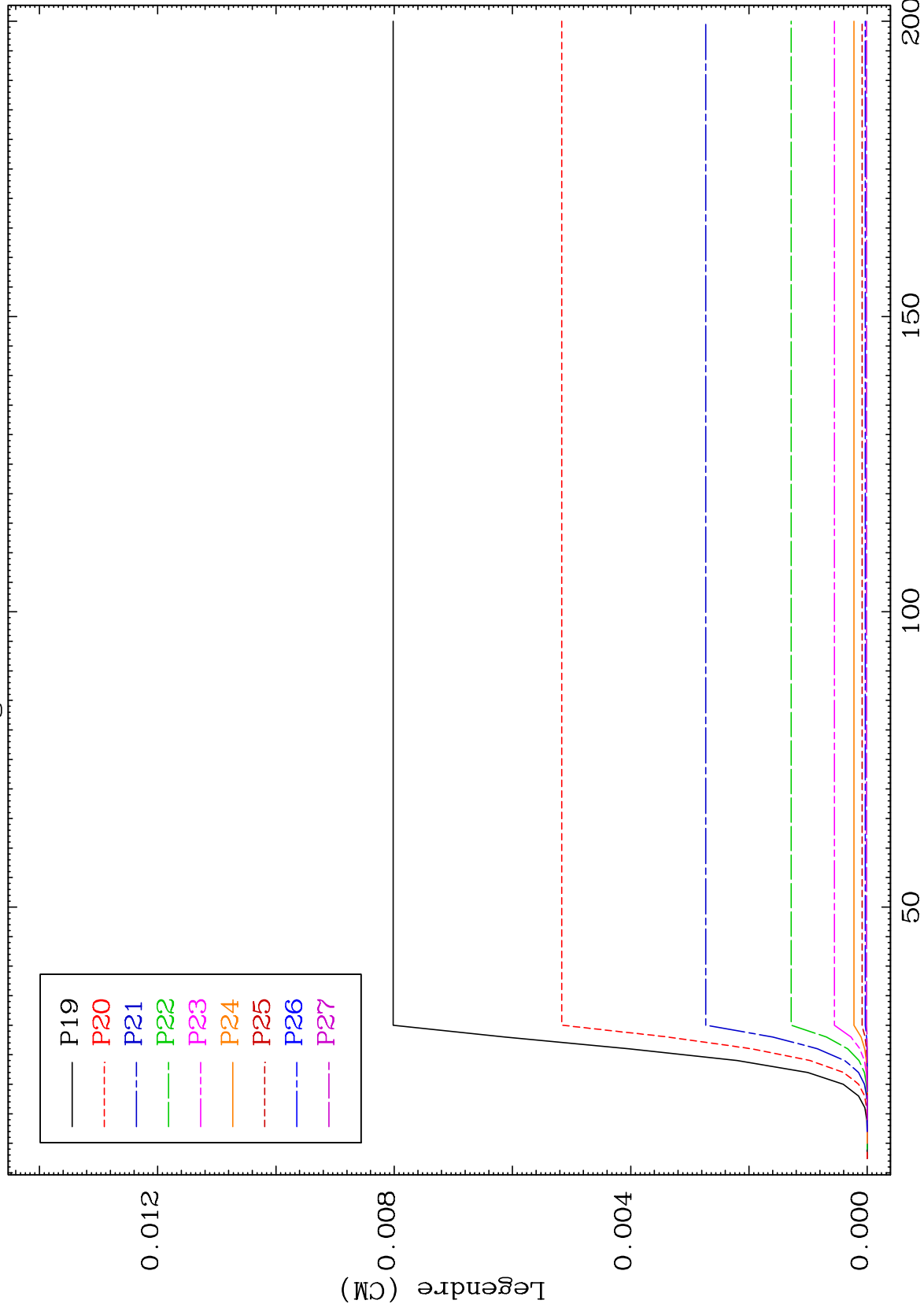




MAT 5819

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

58-Ce-134



29

Incident Energy (MeV)

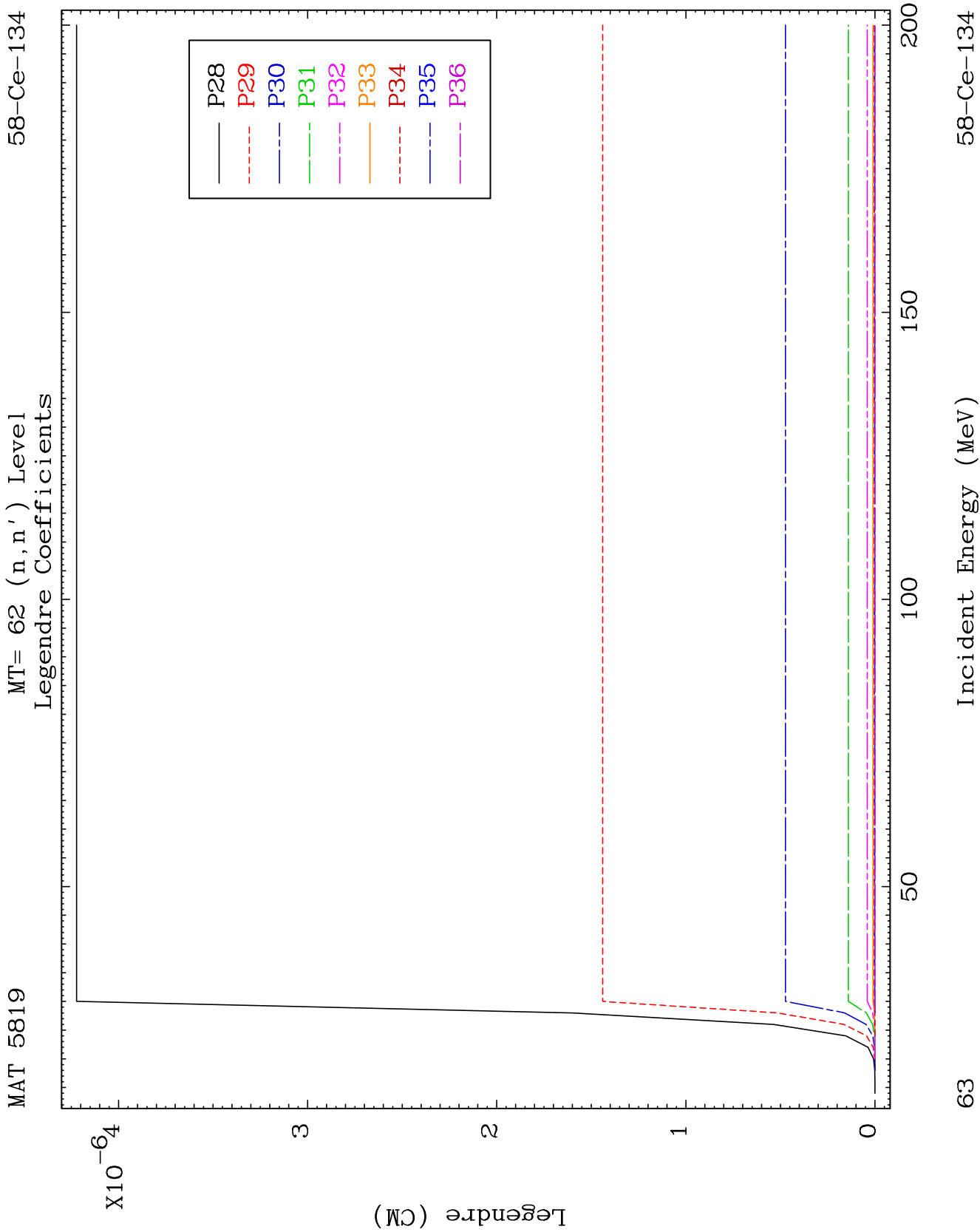
58-Ce-134

50

100

150

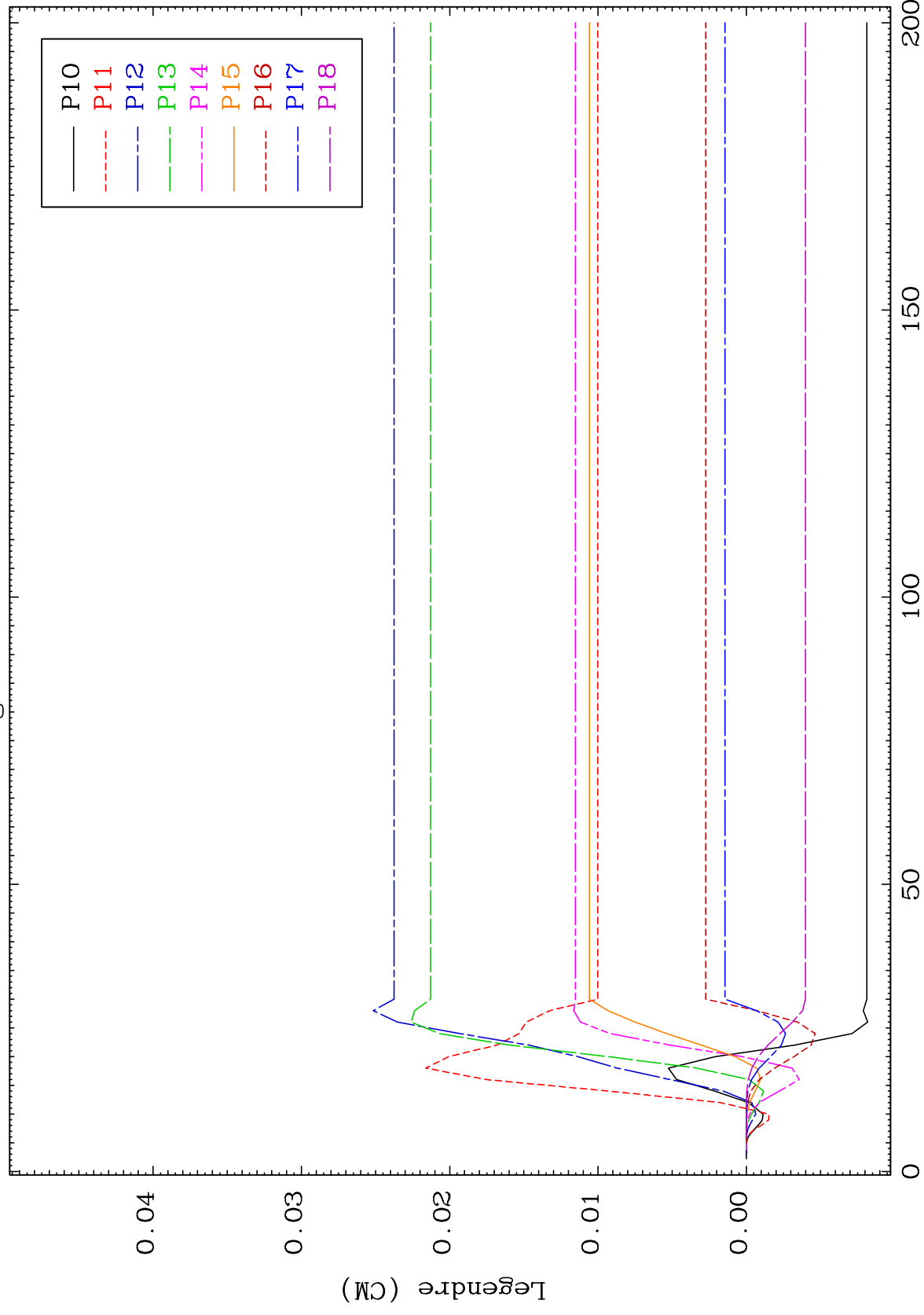
200



MAT 5819

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

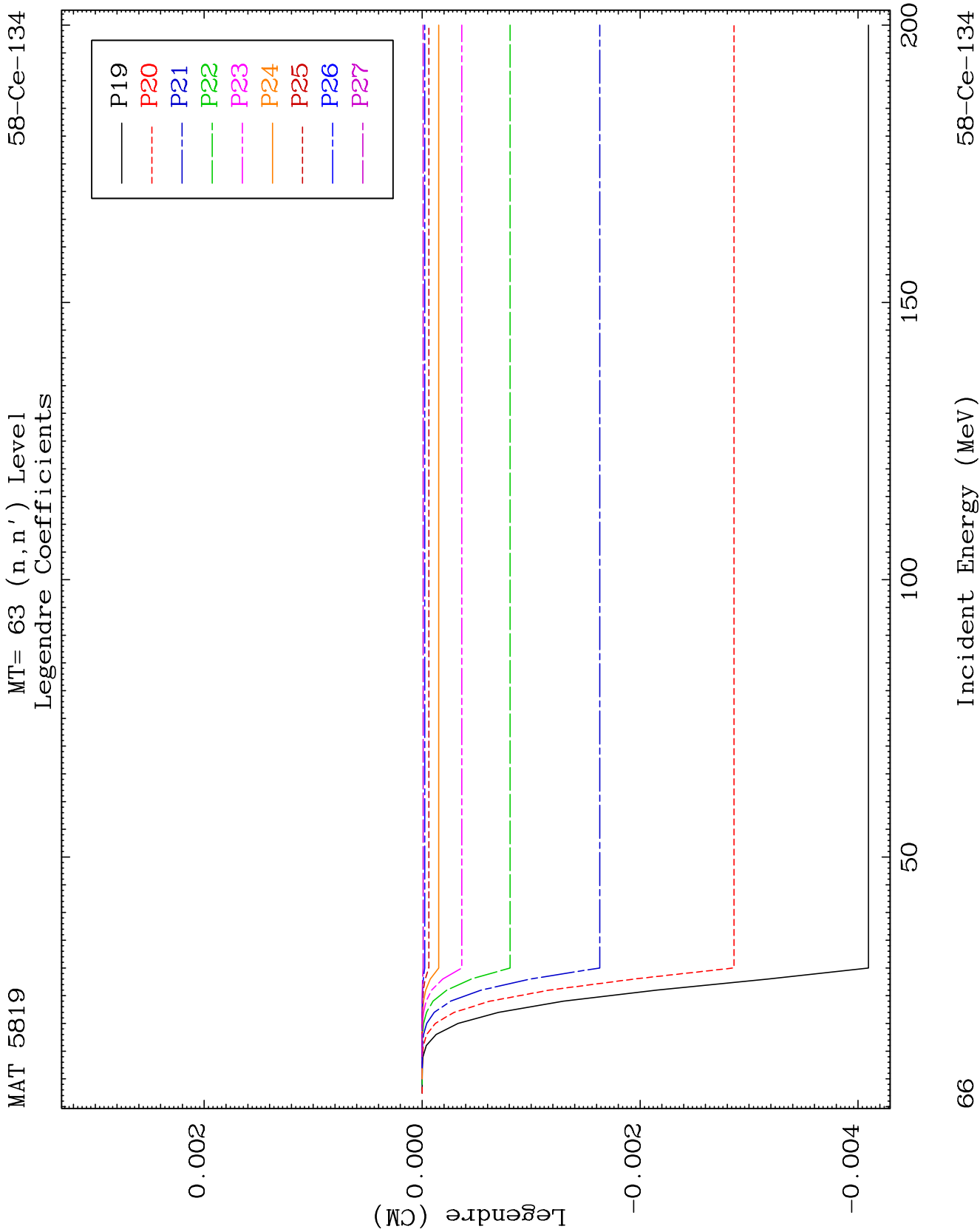
58-Ce-134

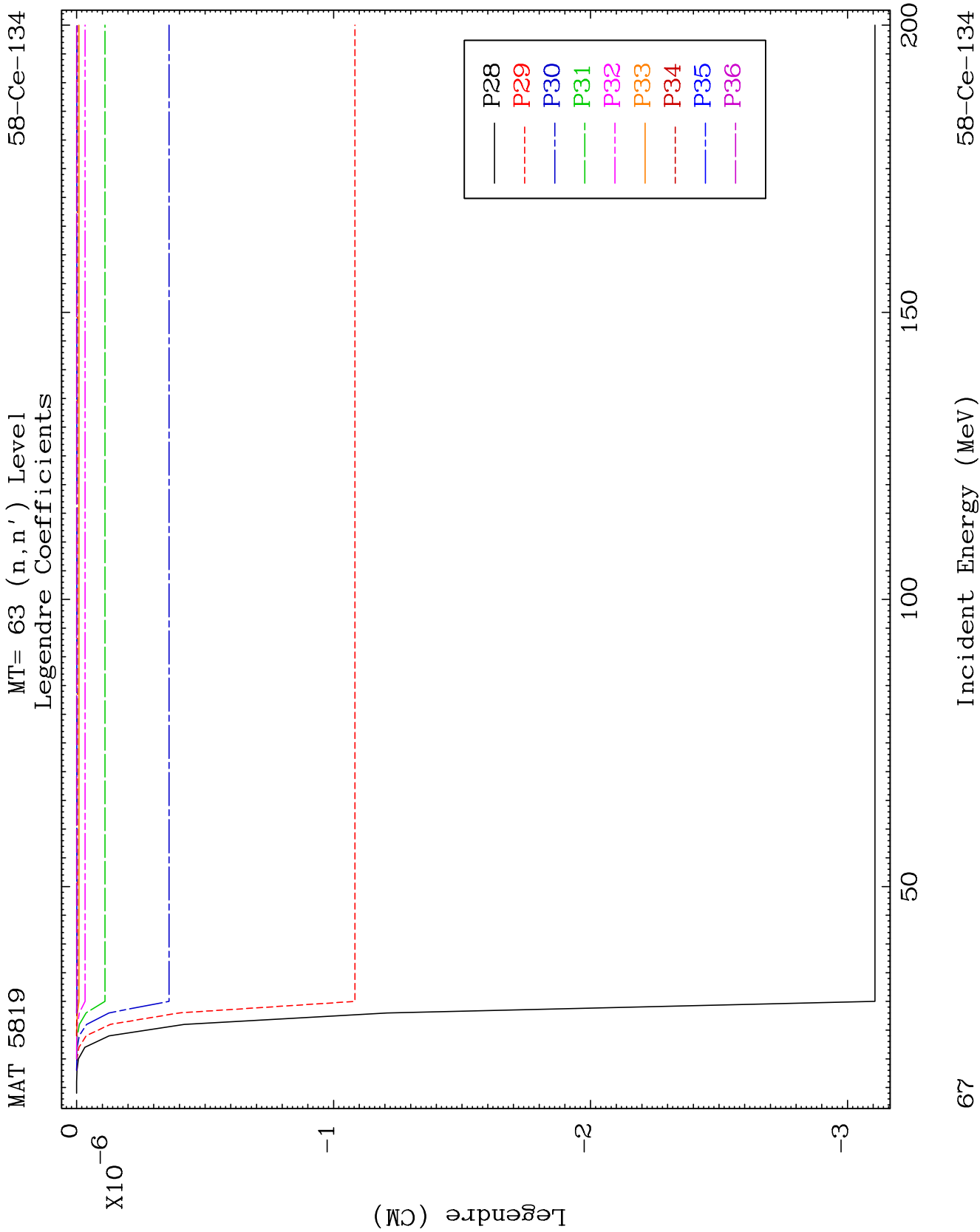


59

Incident Energy (MeV)

58-Ce-134

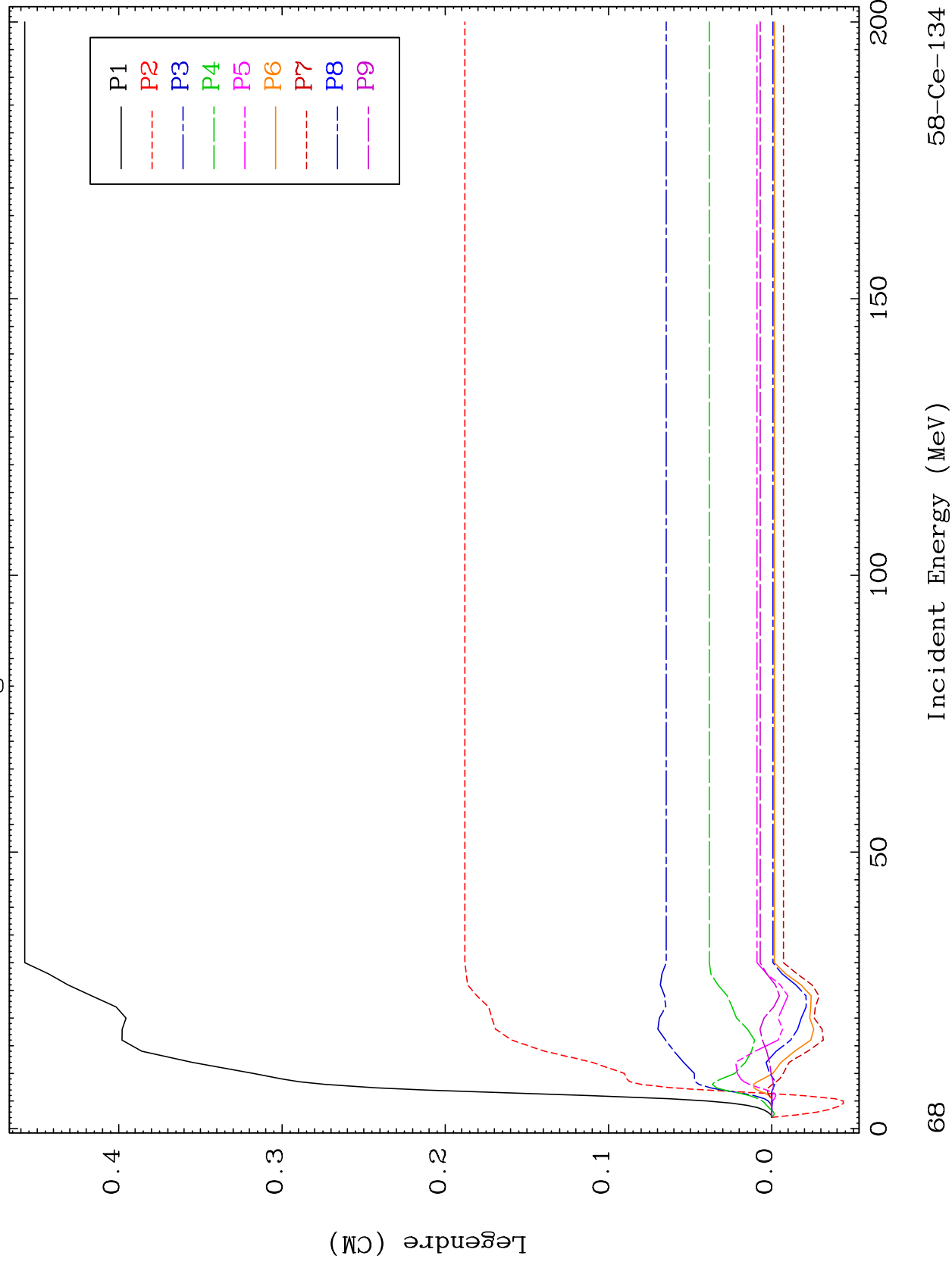


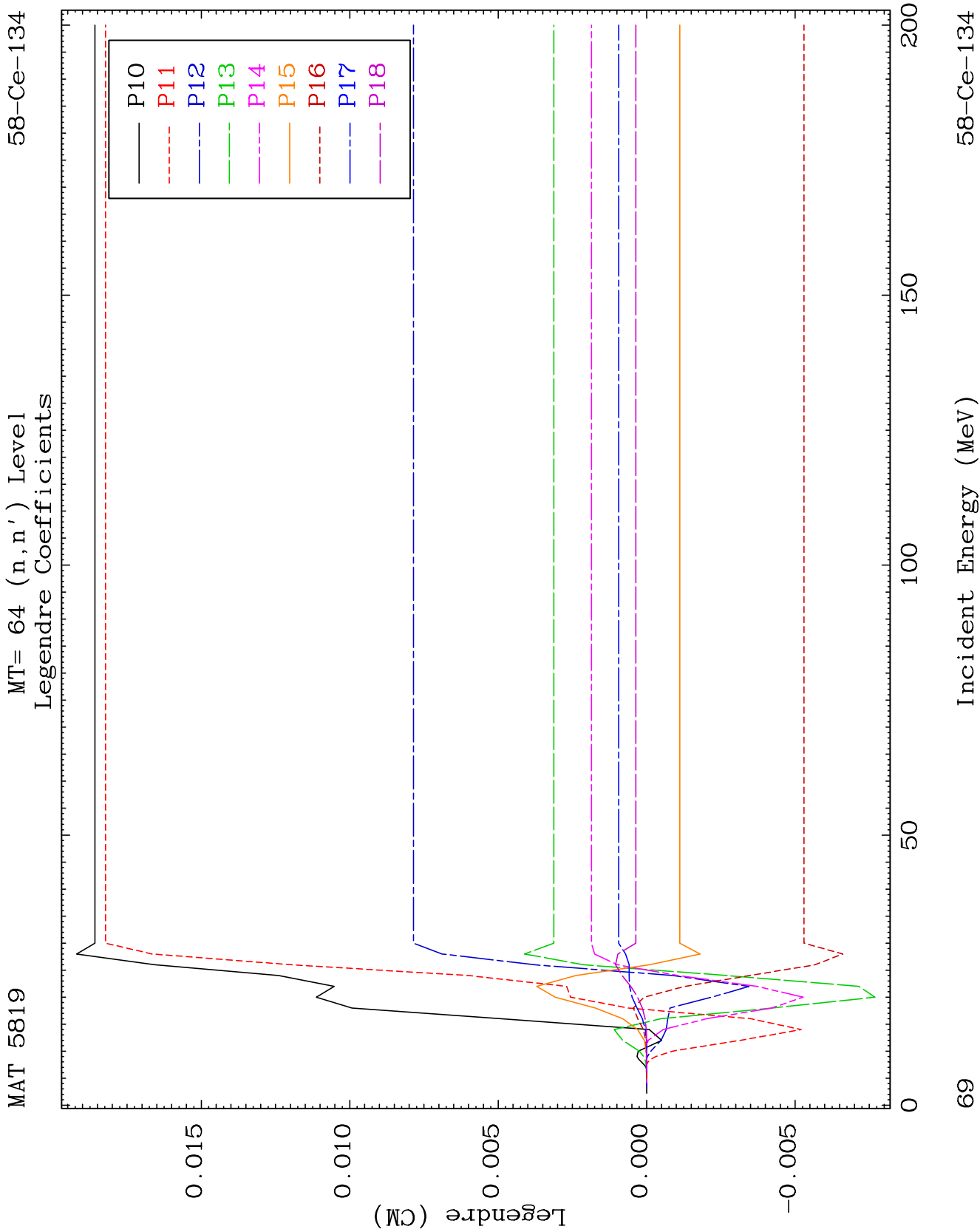


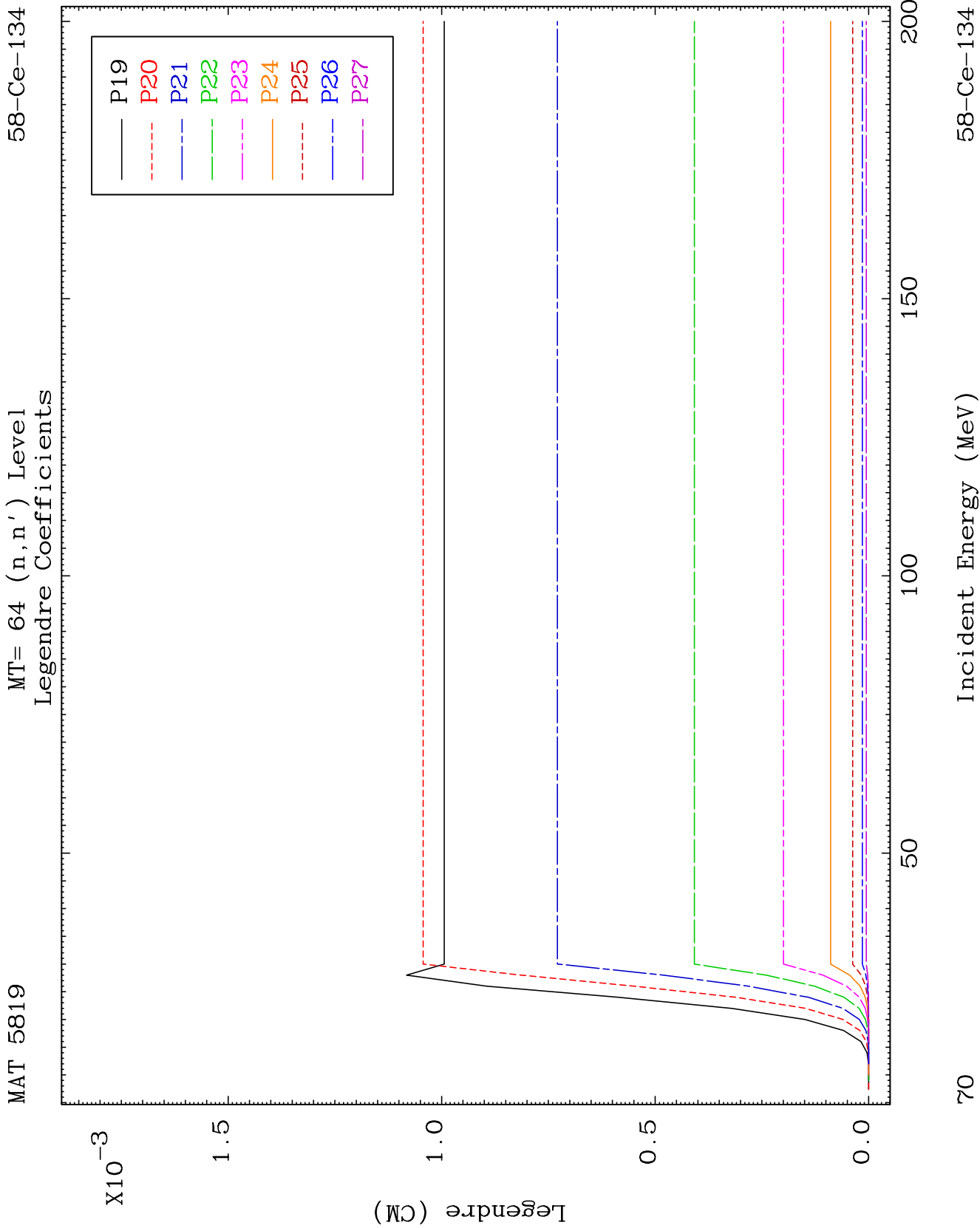
MAT 5819

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

58-Ce-134



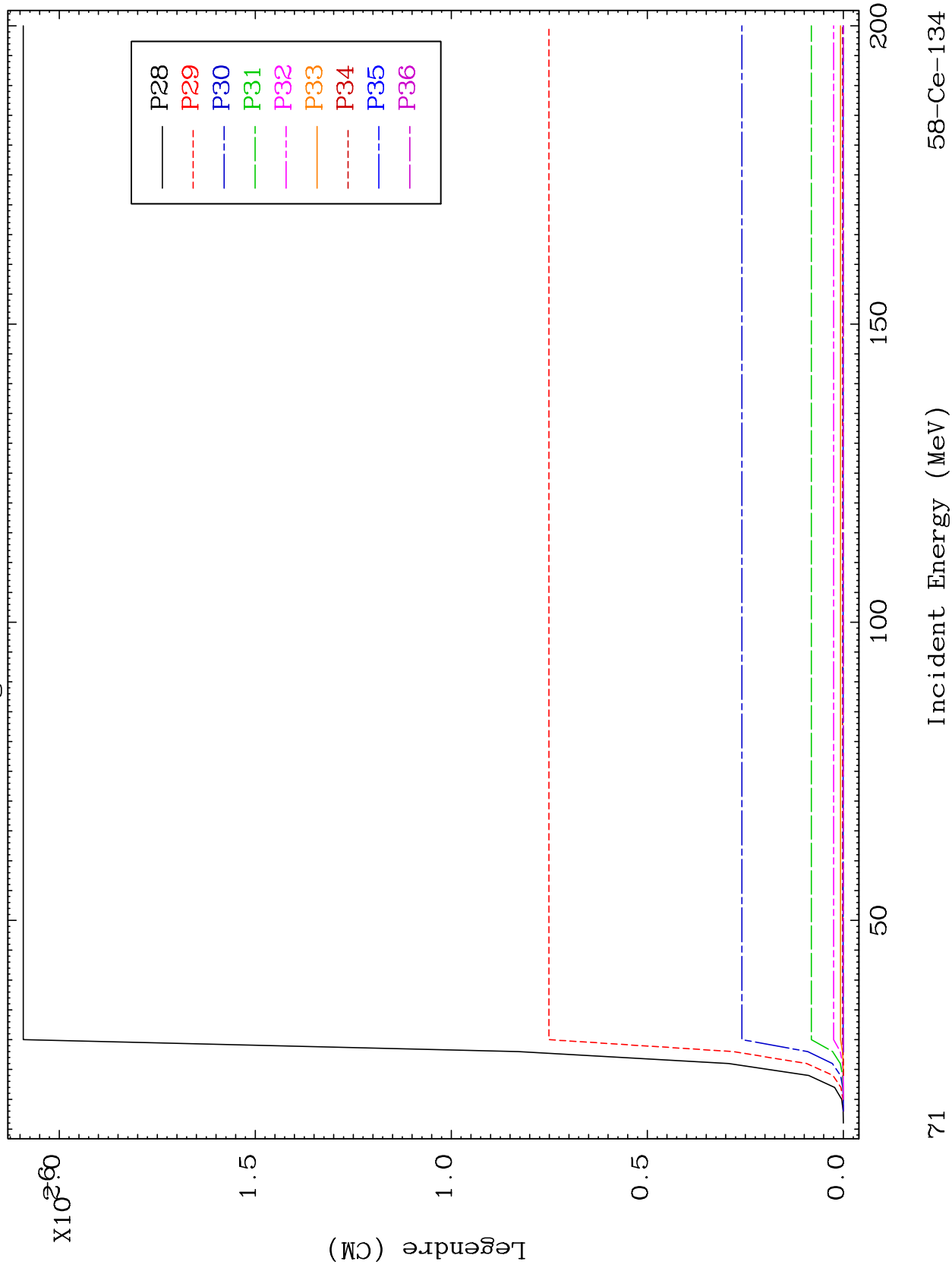


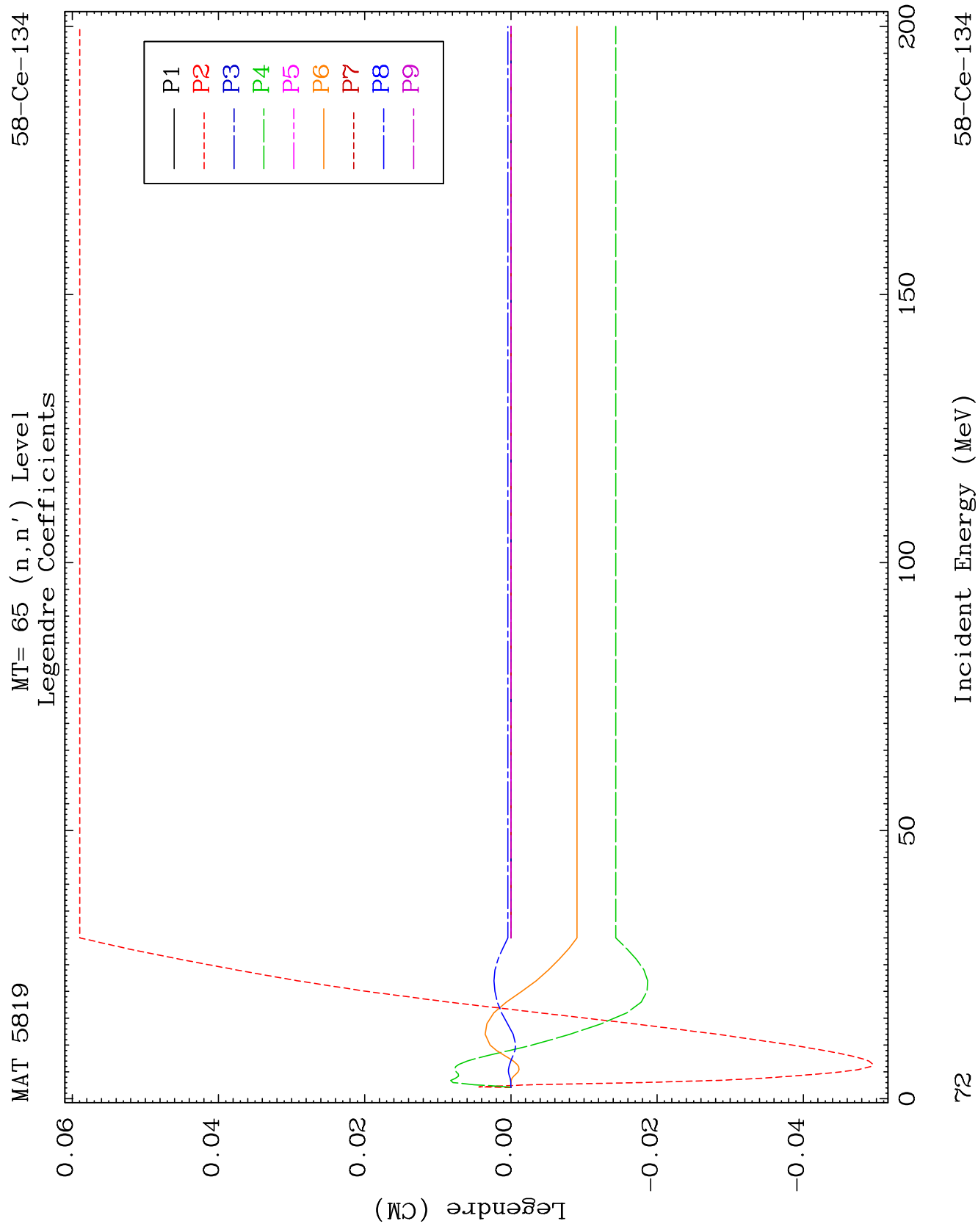


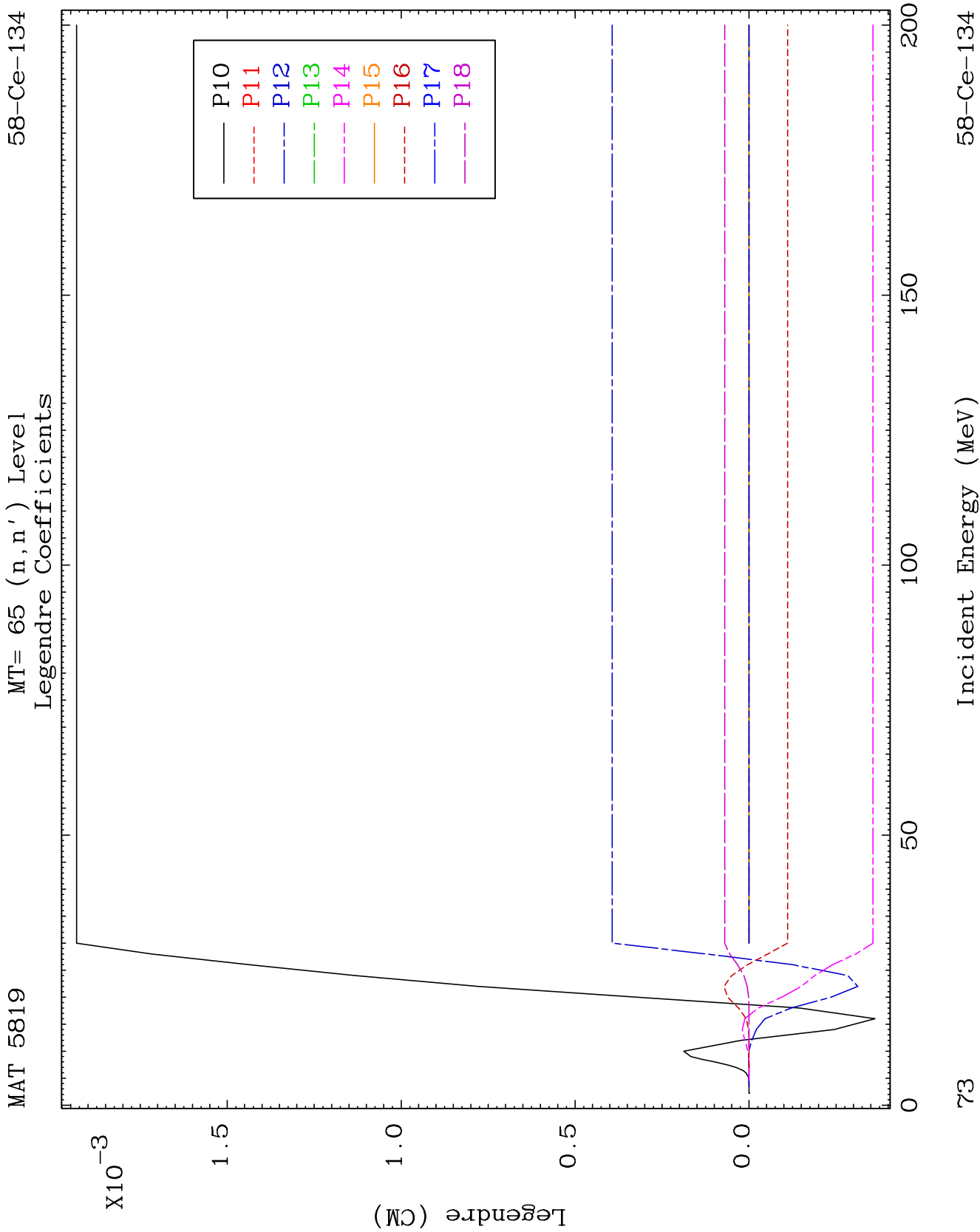
MAT 5819

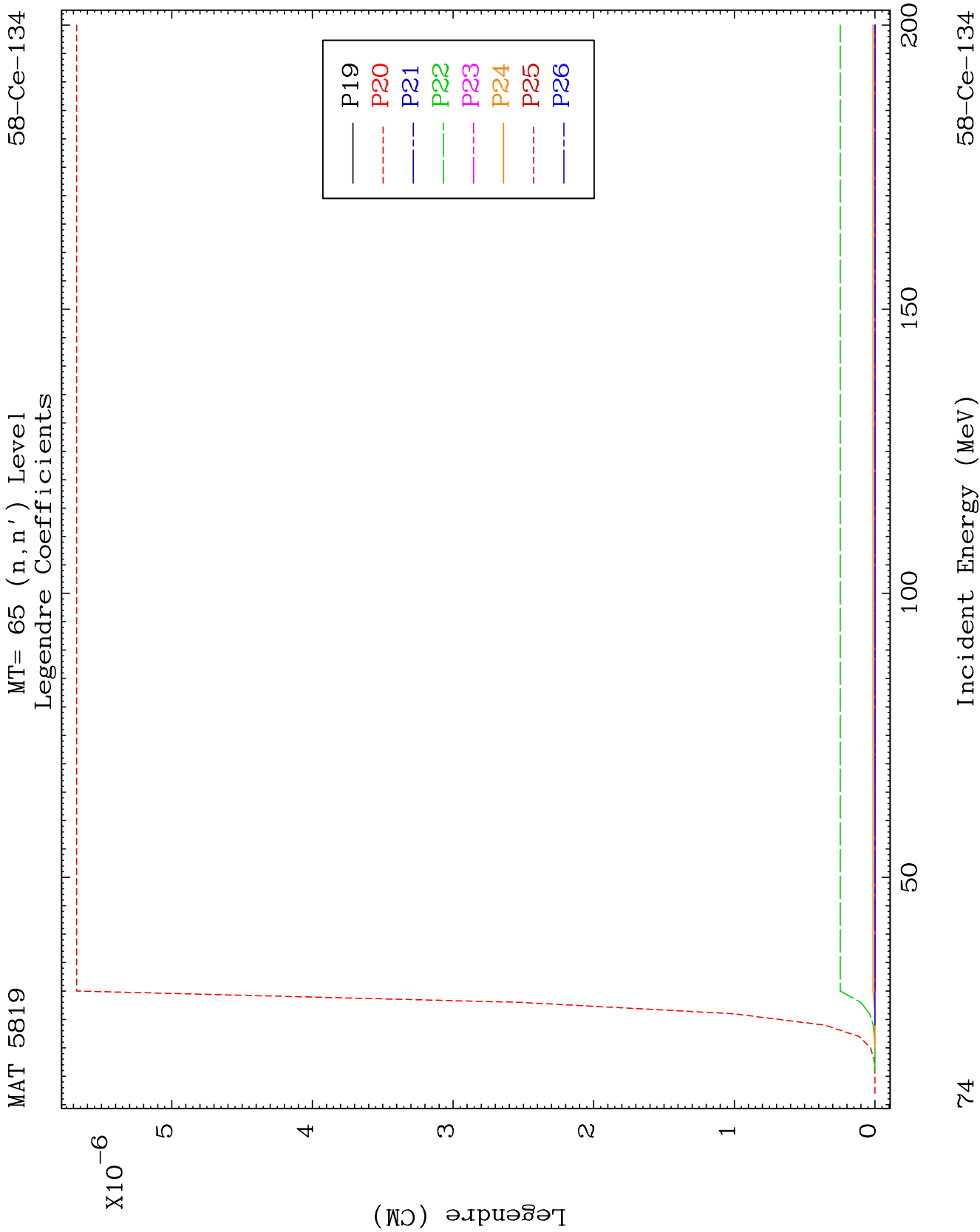
MT= 64 (n, n') Level
Legendre Coefficients

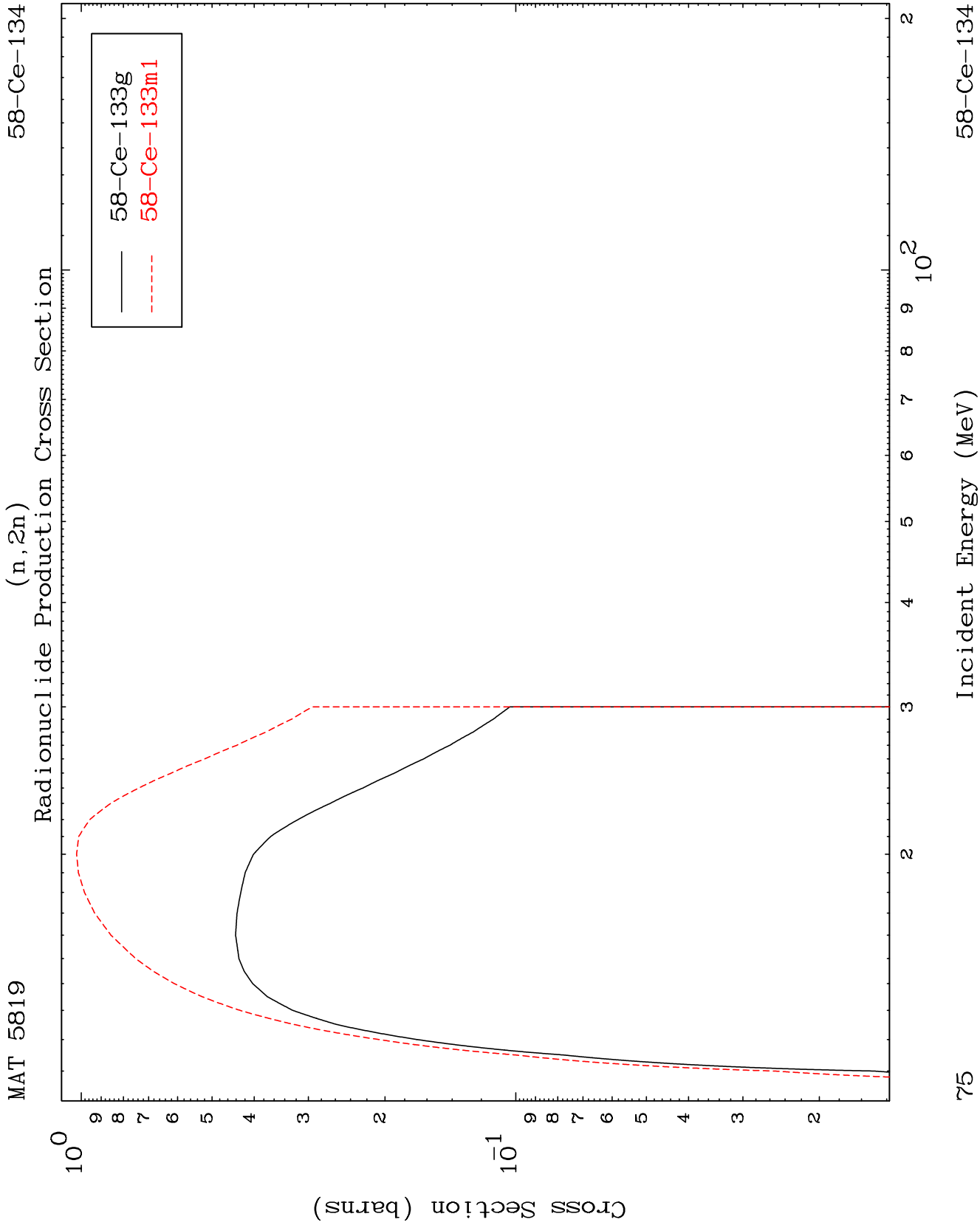
58-Ce-134

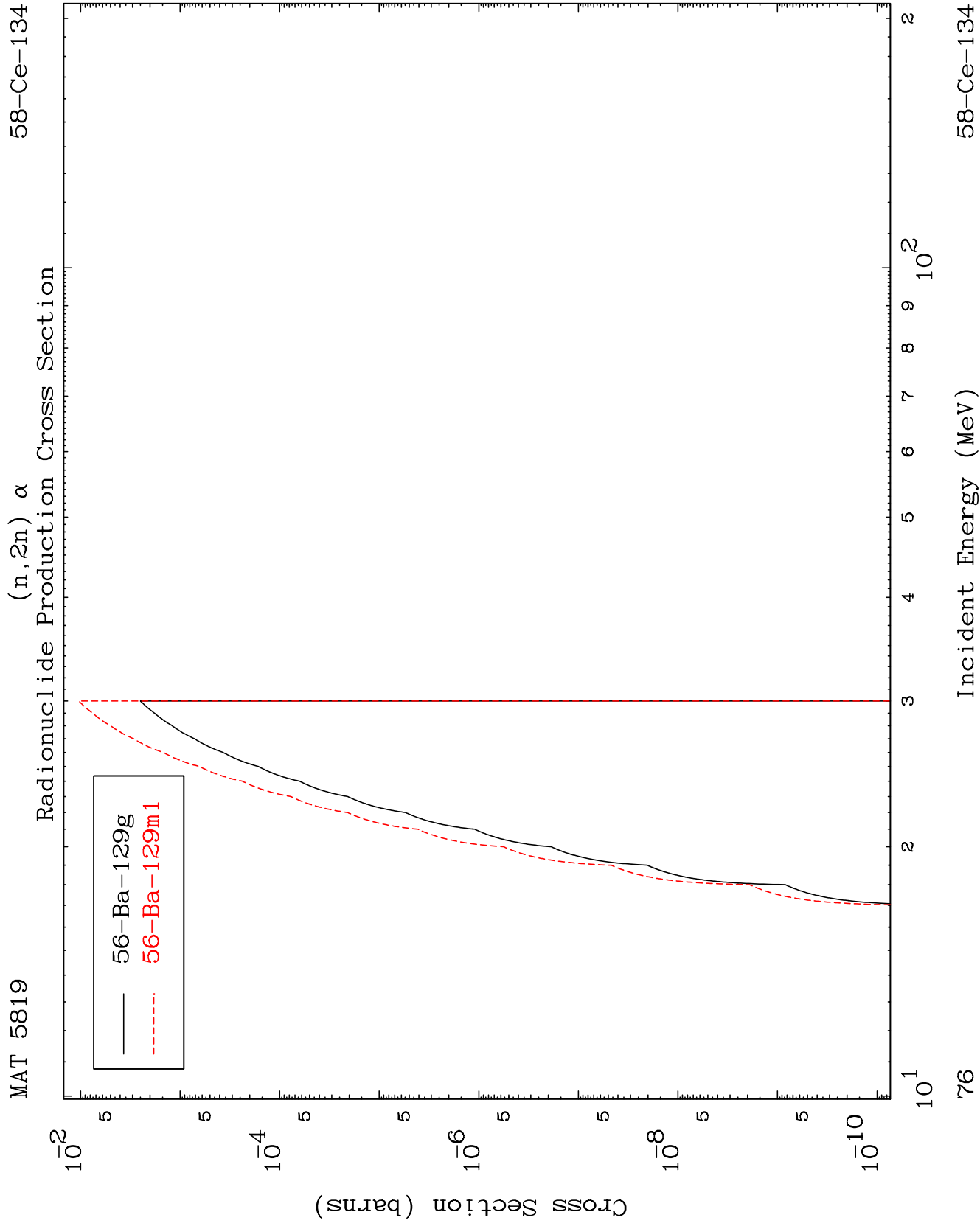










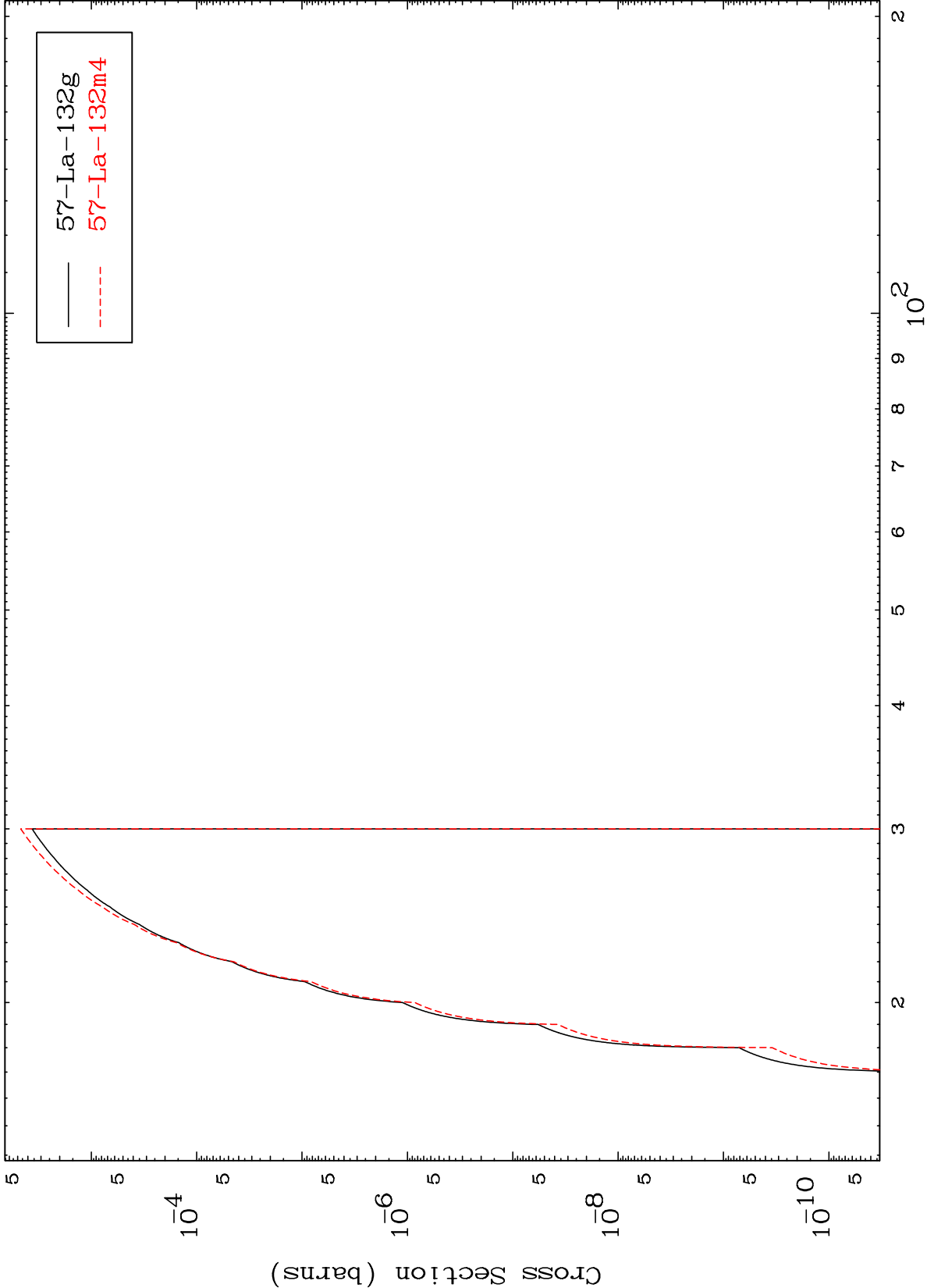


MAT 5819

(n,n') d

58-Ce-134

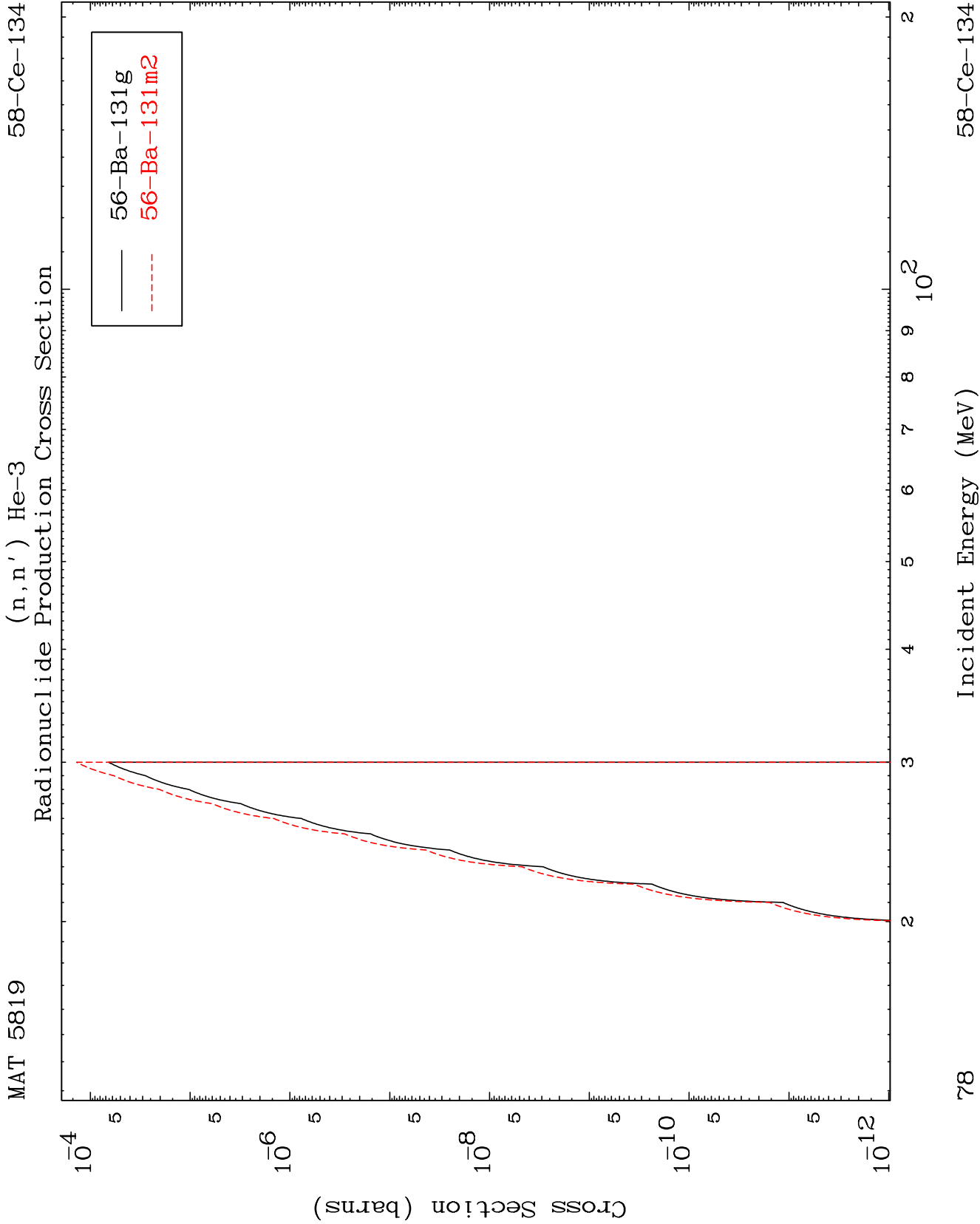
Radionuclide Production Cross Section



77

Incident Energy (MeV)

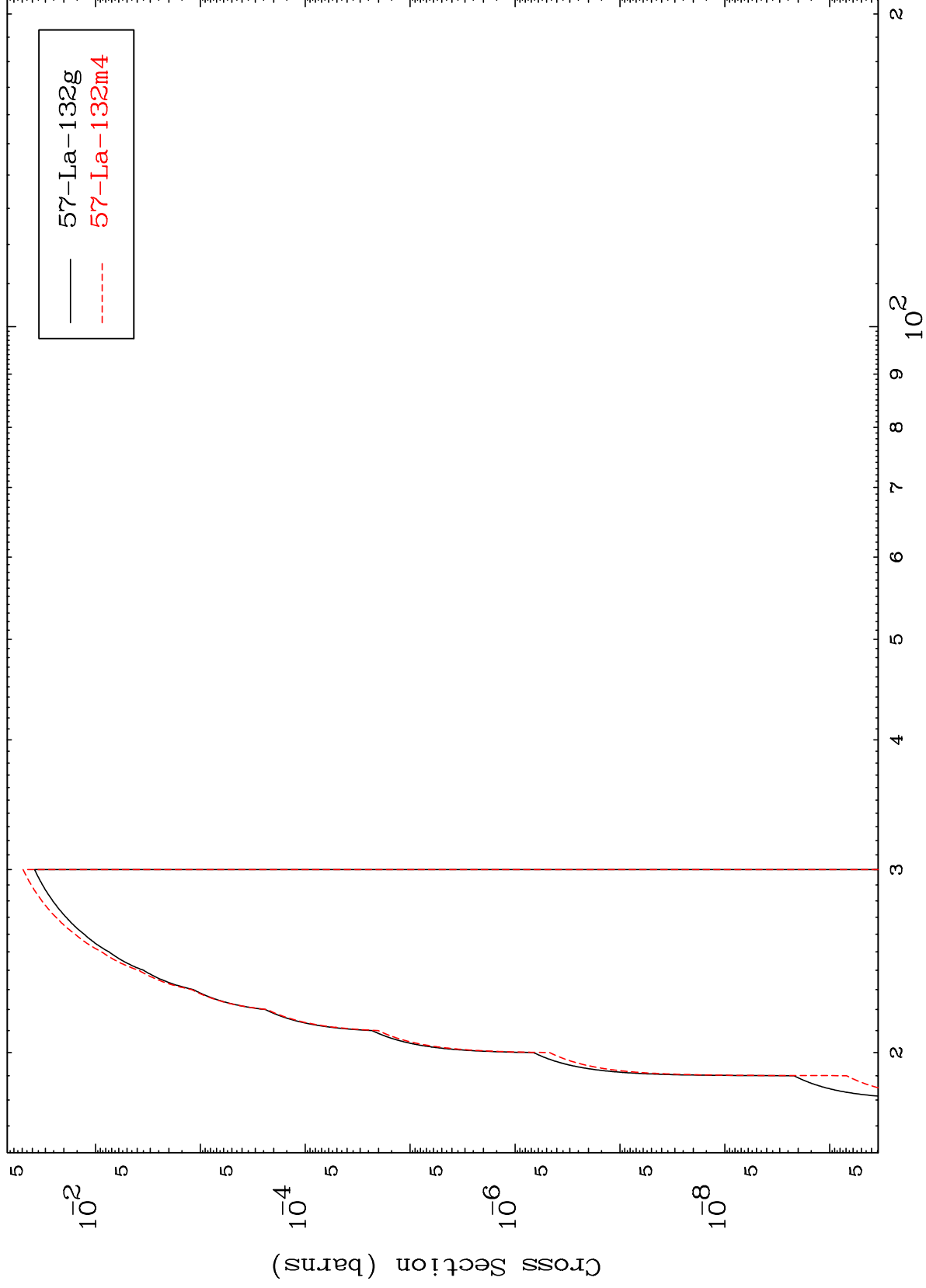
58-Ce-134



MAT 5819

58-Ce-134

(n,2n) p
Radionuclide Production Cross Section



79

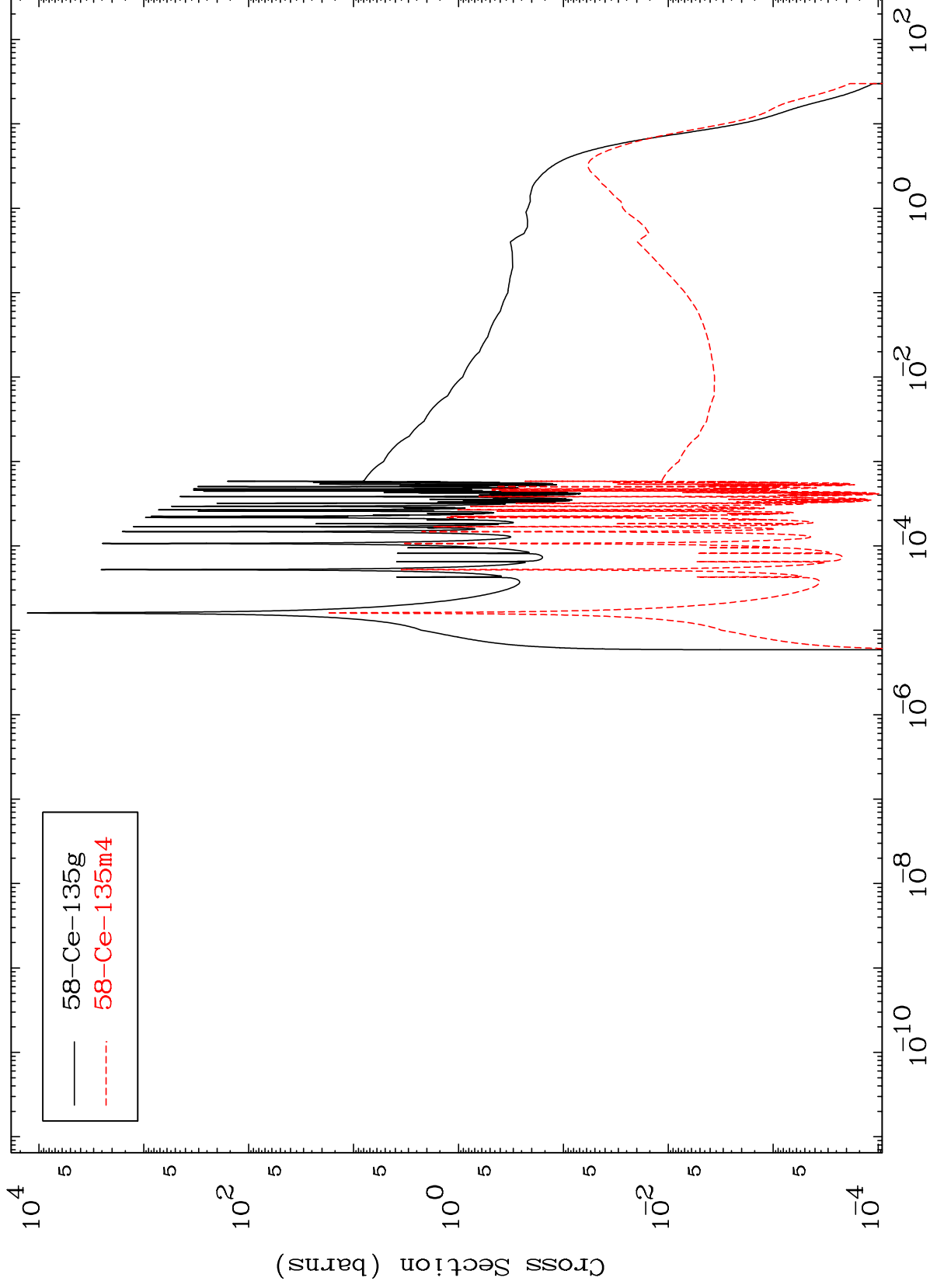
Incident Energy (MeV)

58-Ce-134

MAT 5819

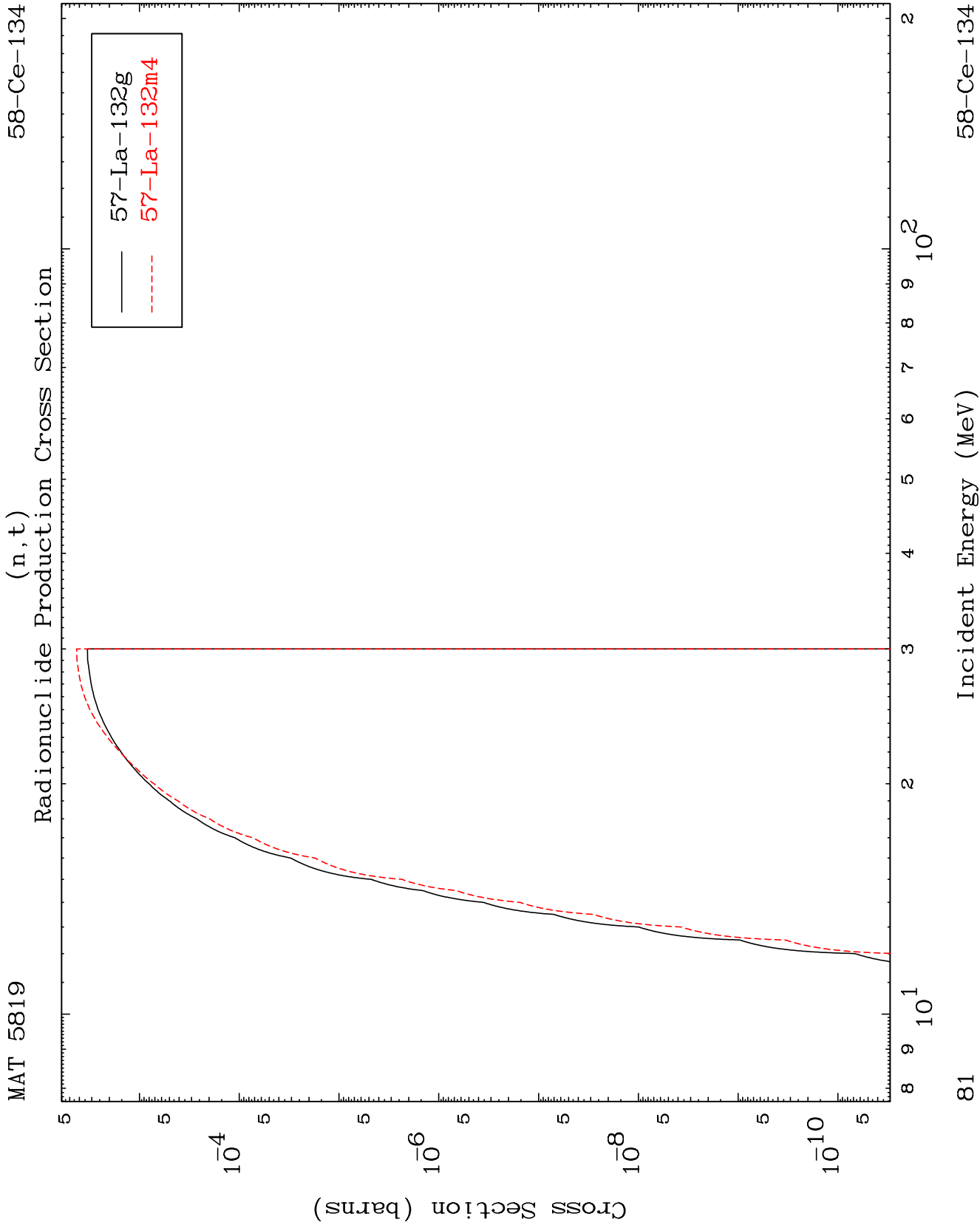
58-Ce-134

Radionuclide Production Cross Section

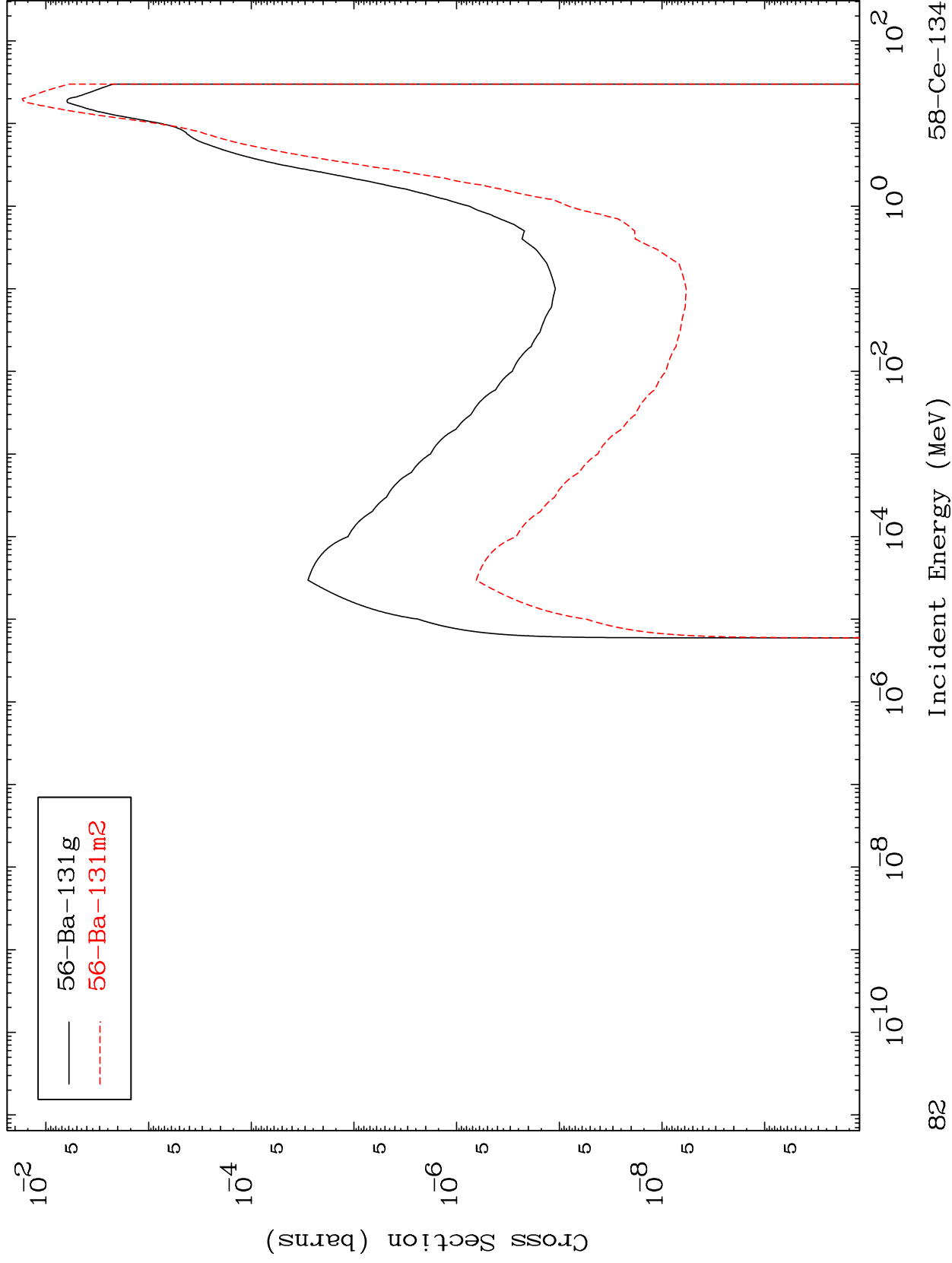


80

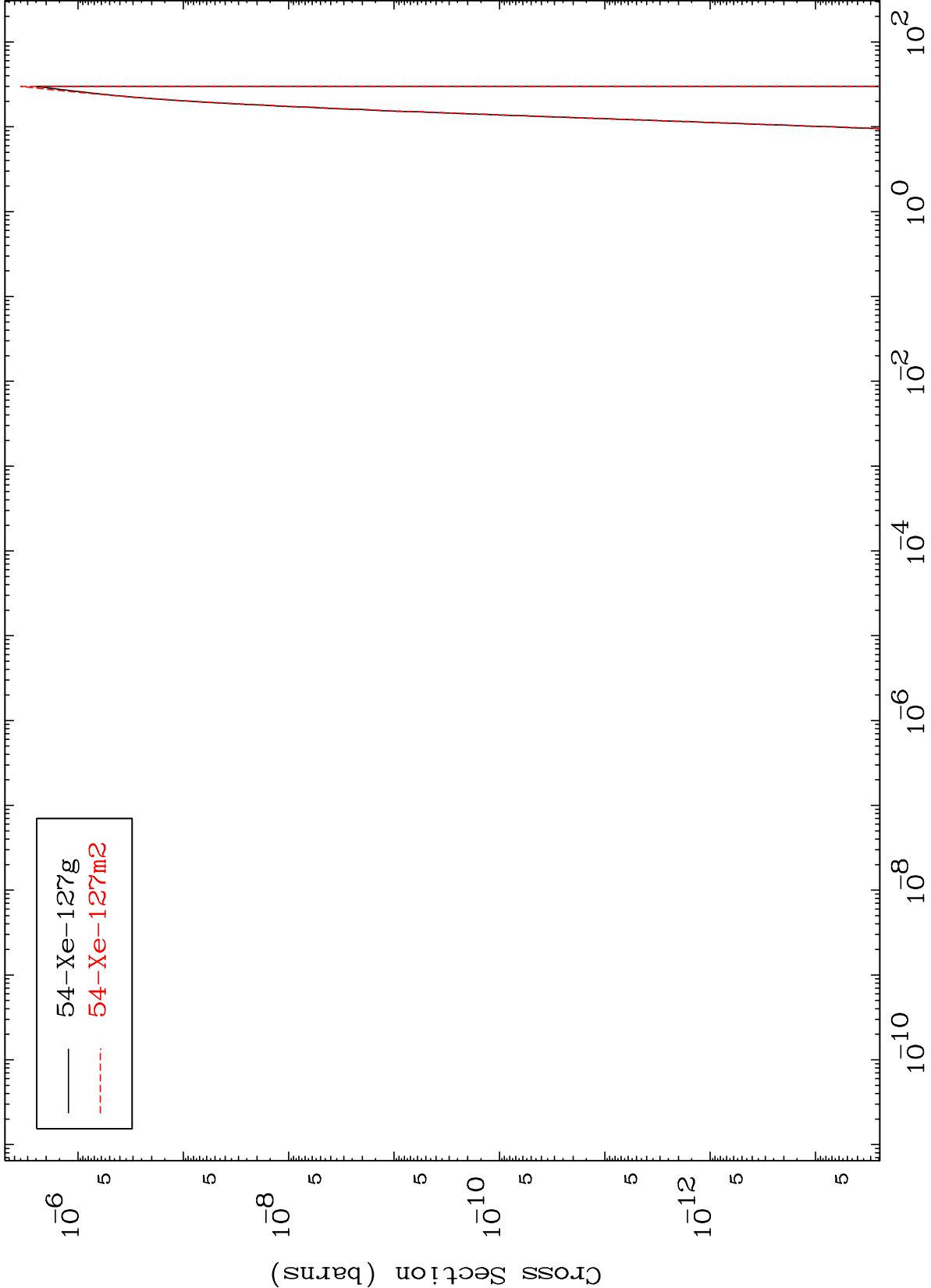
58-Ce-134



Radionuclide Production Cross Section (n,α)



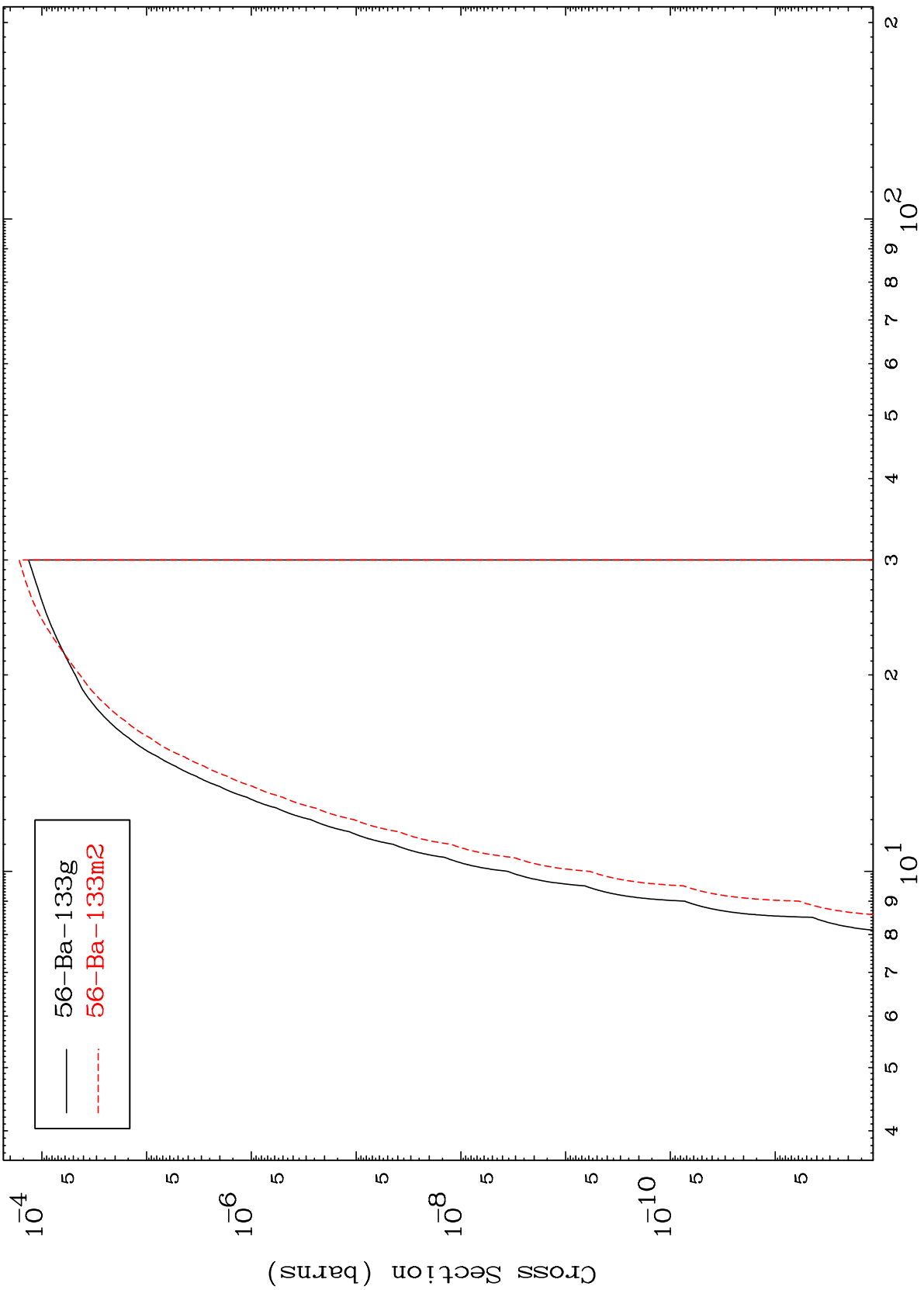
Radionuclide Production Cross Section
(n,2α)



MAT 5819

58-Ce-134

Radionuclide Production Cross Section
(n,2p)

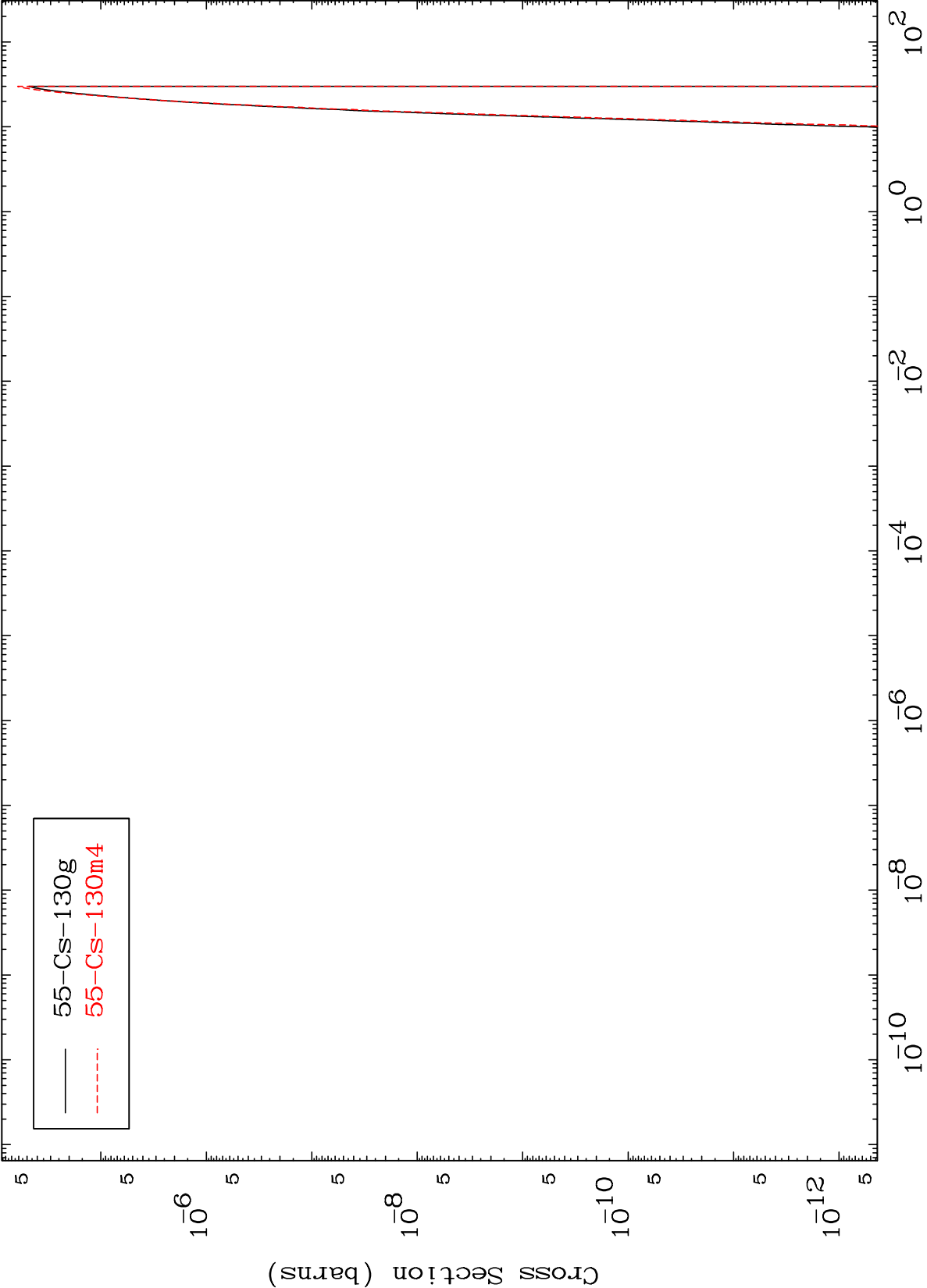


84

Incident Energy (MeV)

58-Ce-134

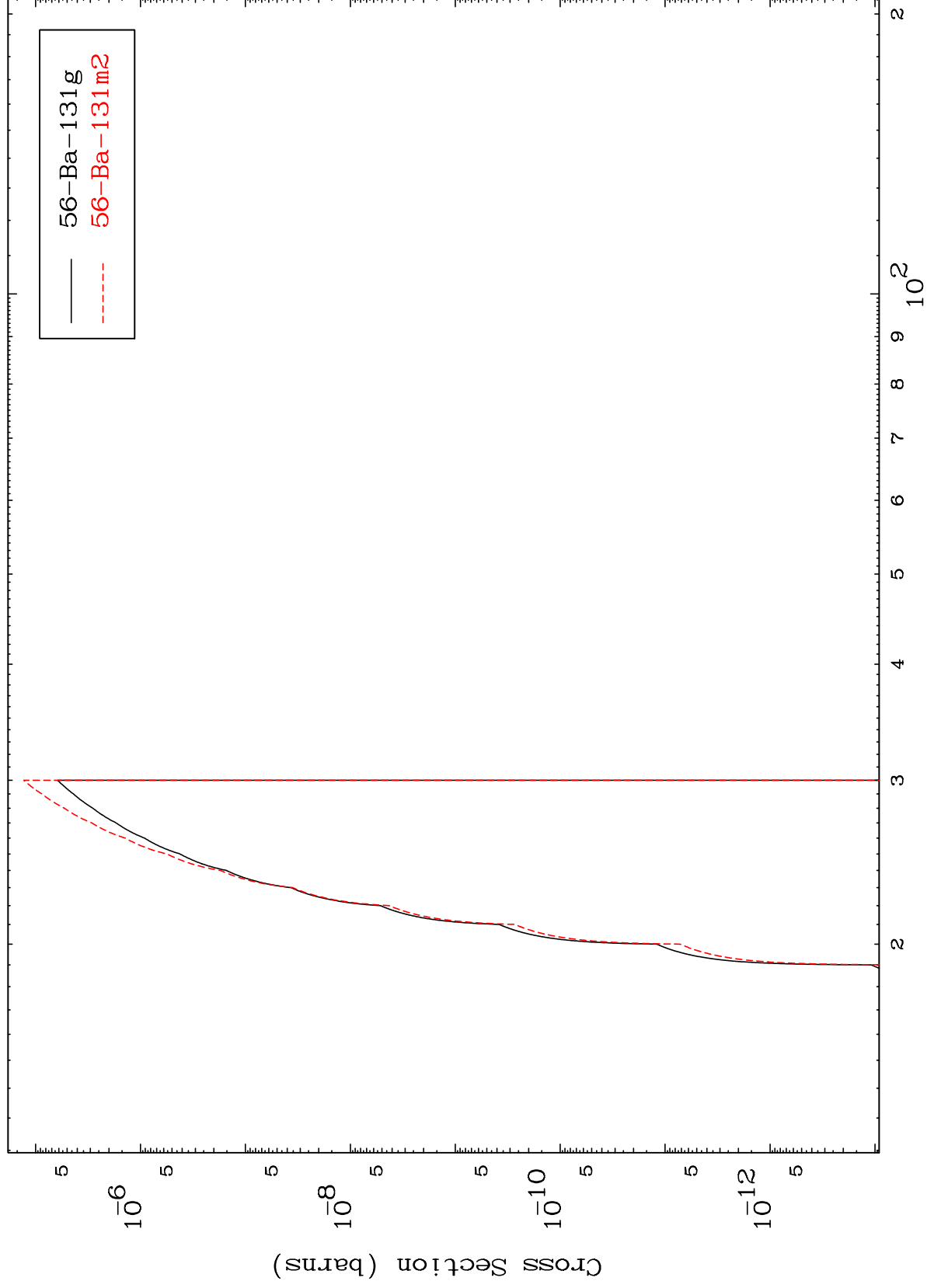
Radionuclide Production Cross Section



MAT 5819

58-Ce-134

(n,p) t
Radionuclide Production Cross Section



86

Incident Energy (MeV)

58-Ce-134