

Program EVALPLOT
(Version 2021-1)

by

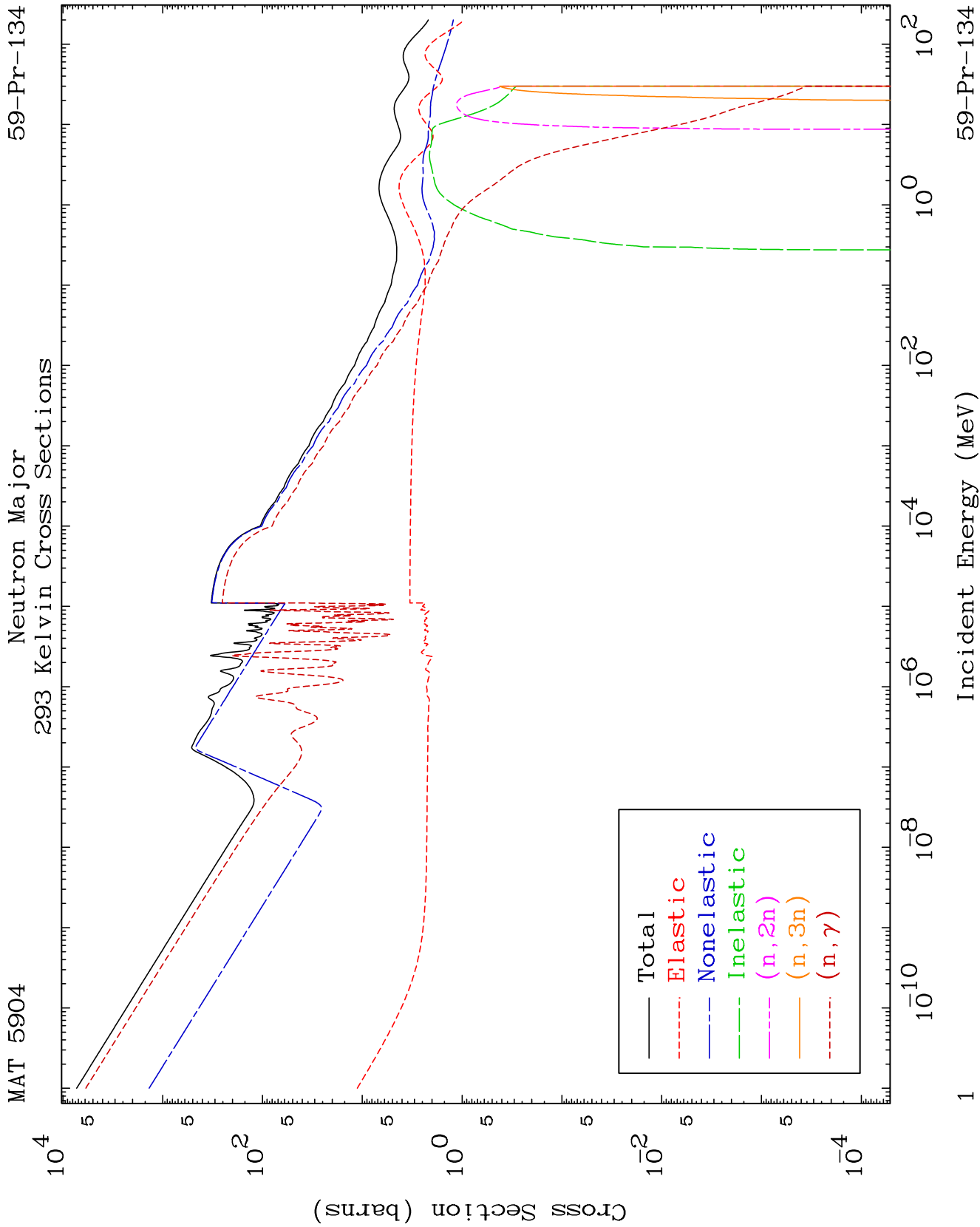
Dermott E. Cullen
(Present Contact Information)

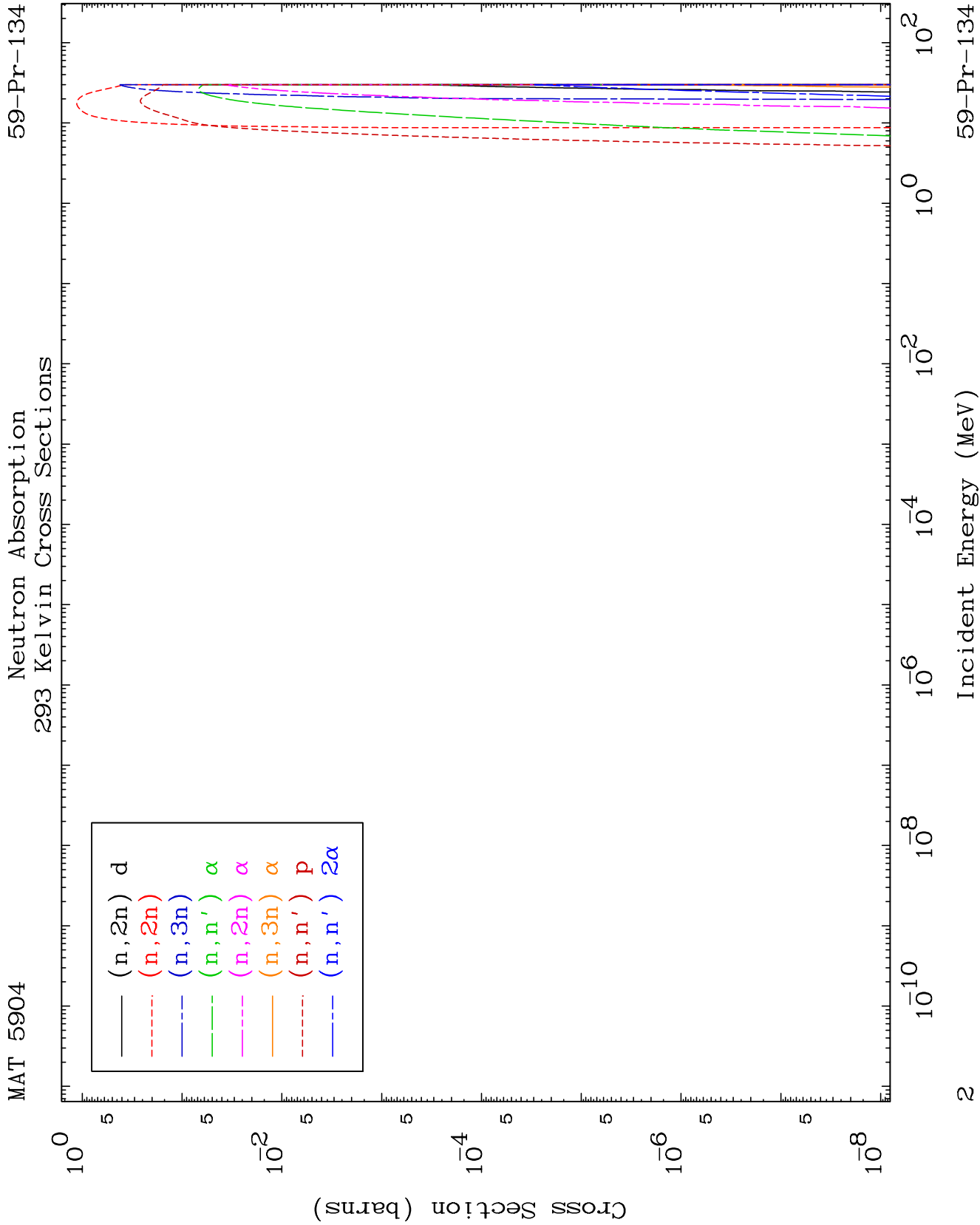
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

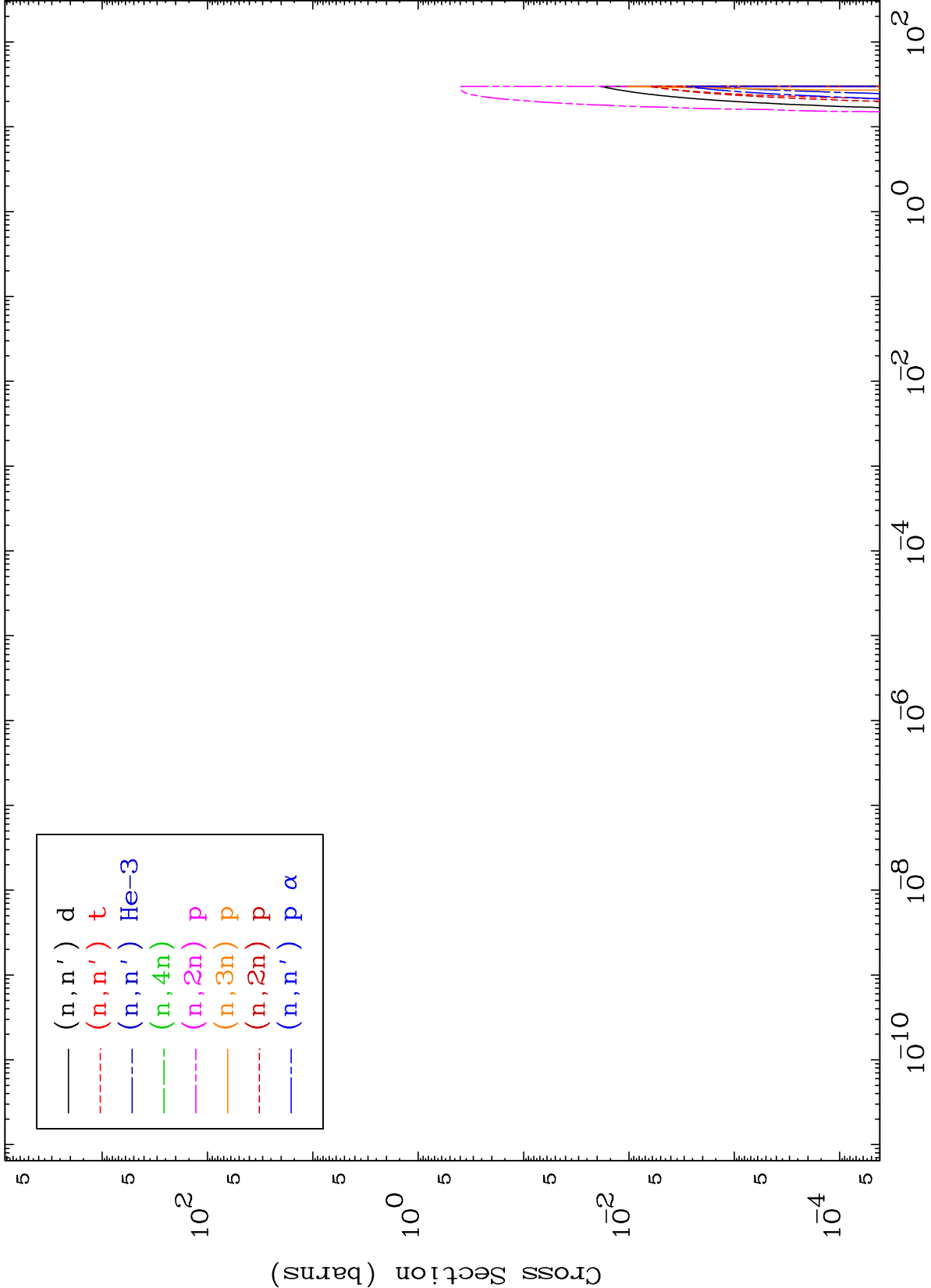
Tele: 925-443-1911

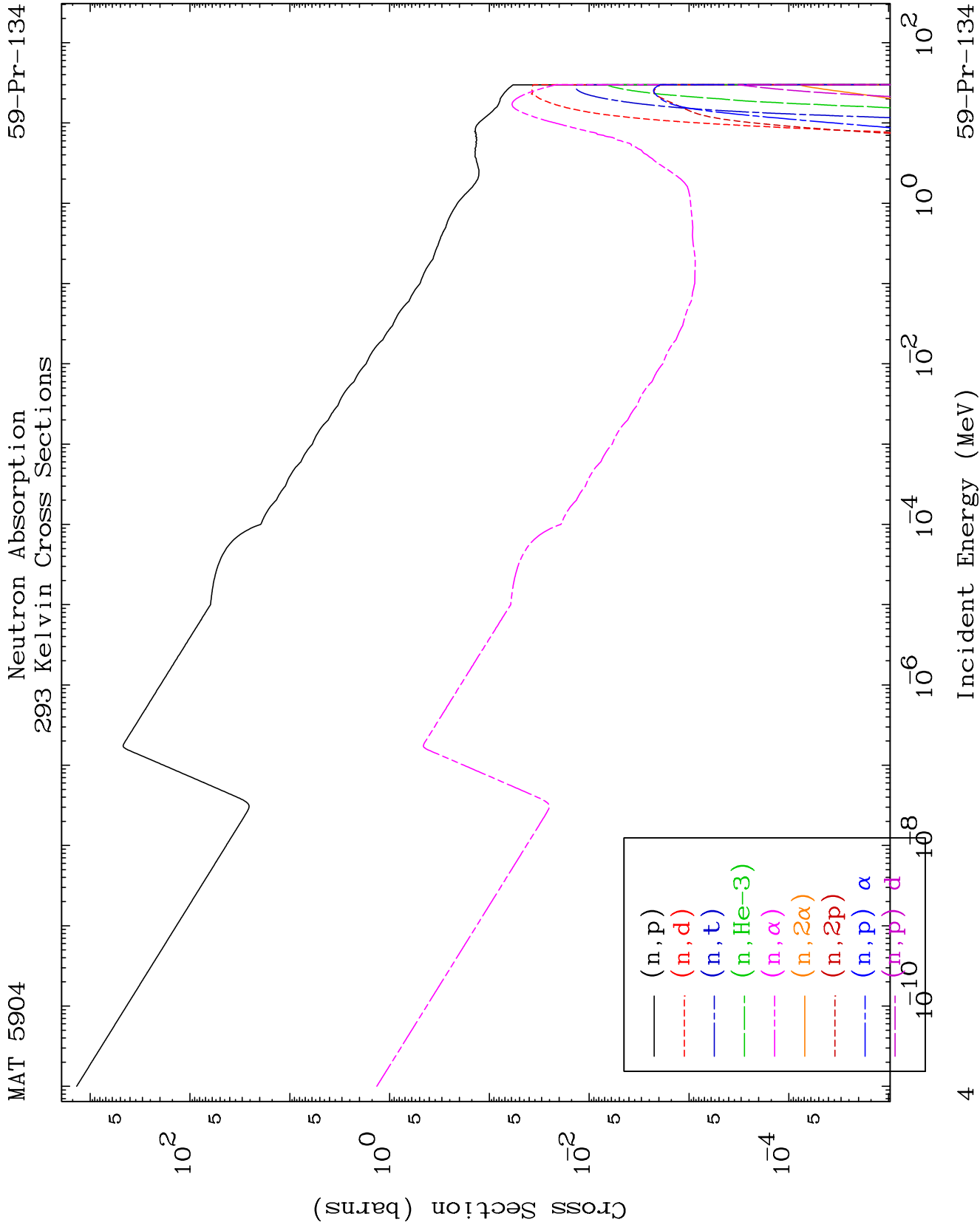
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

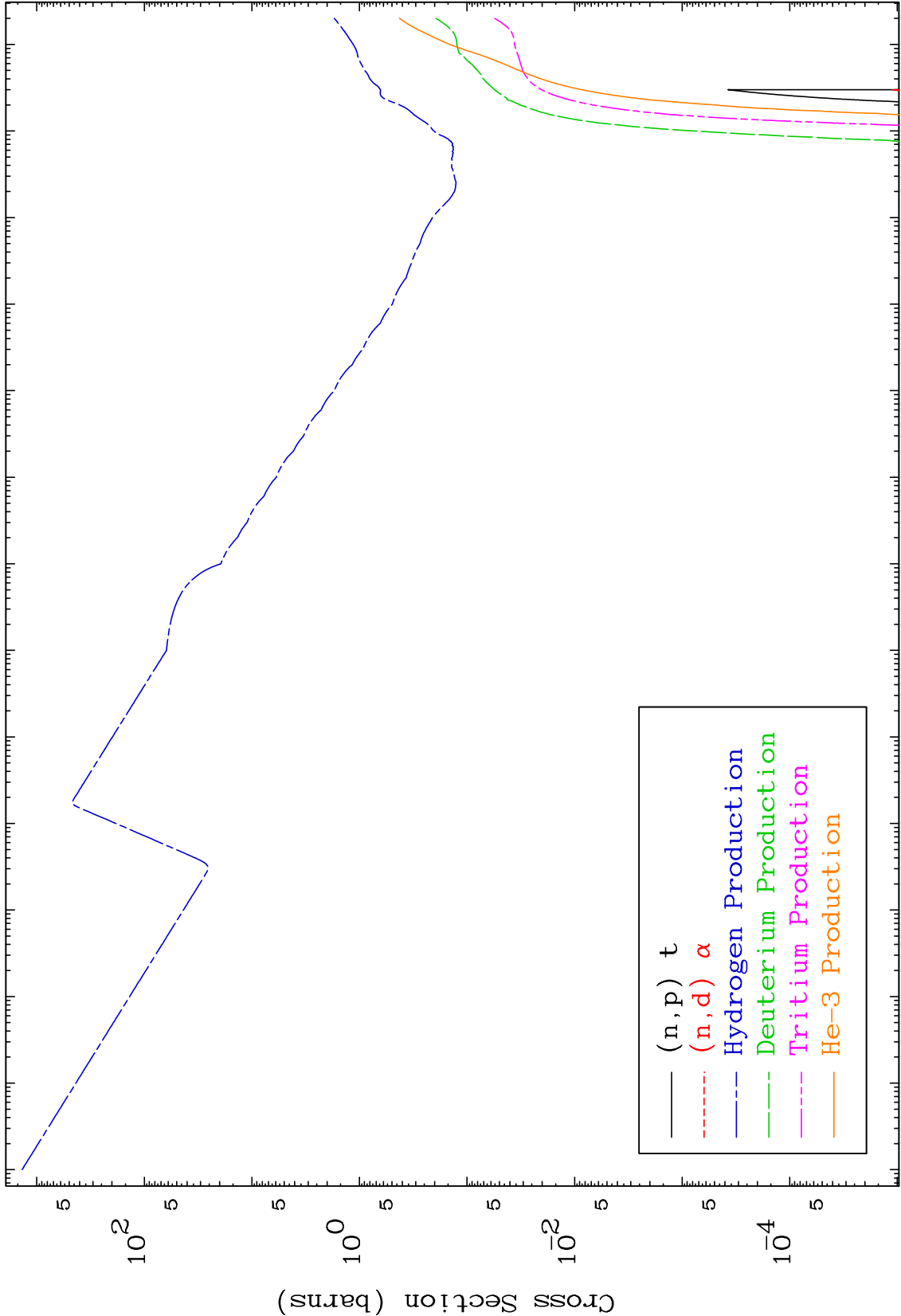
Press Mouse Button to Start

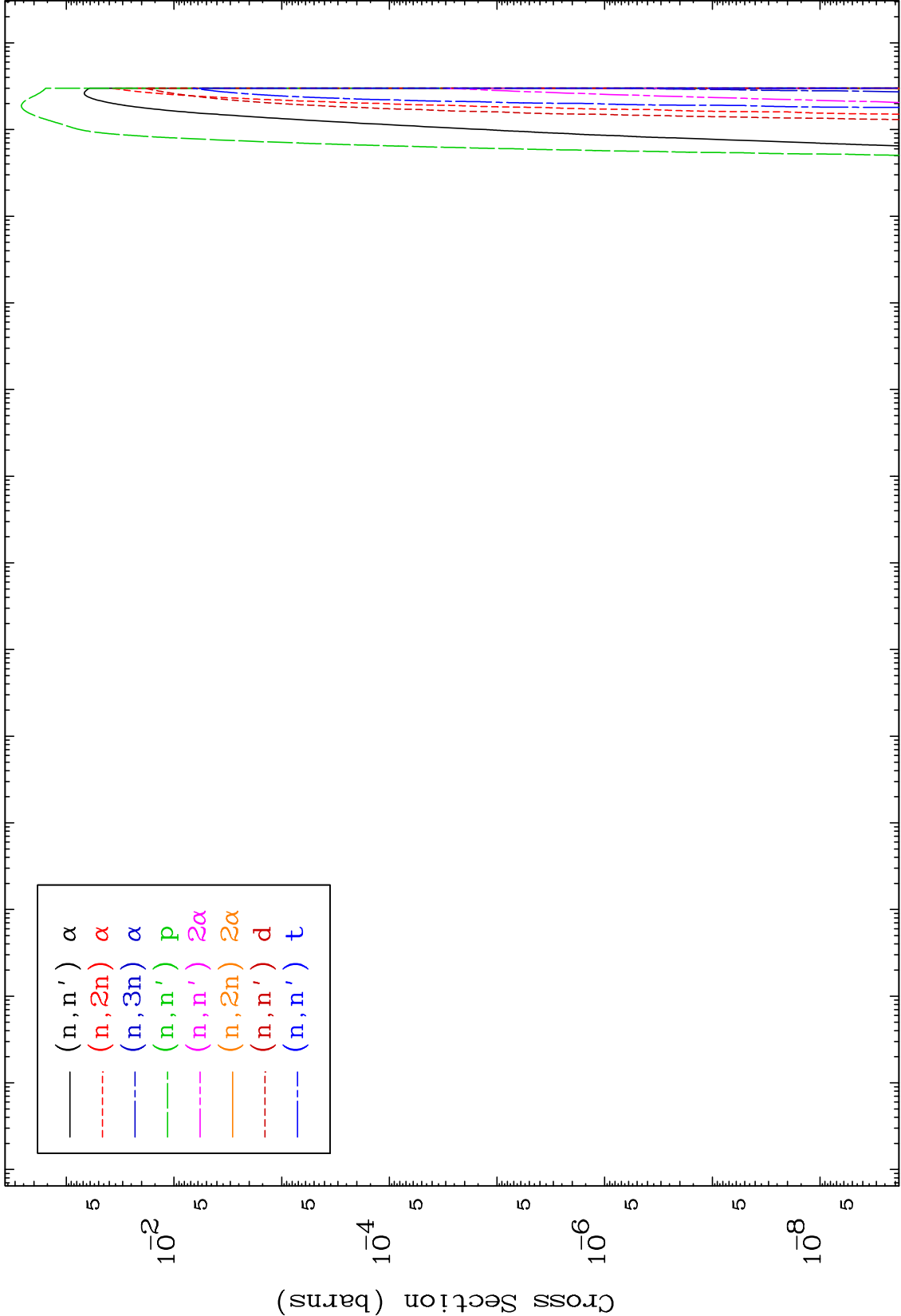


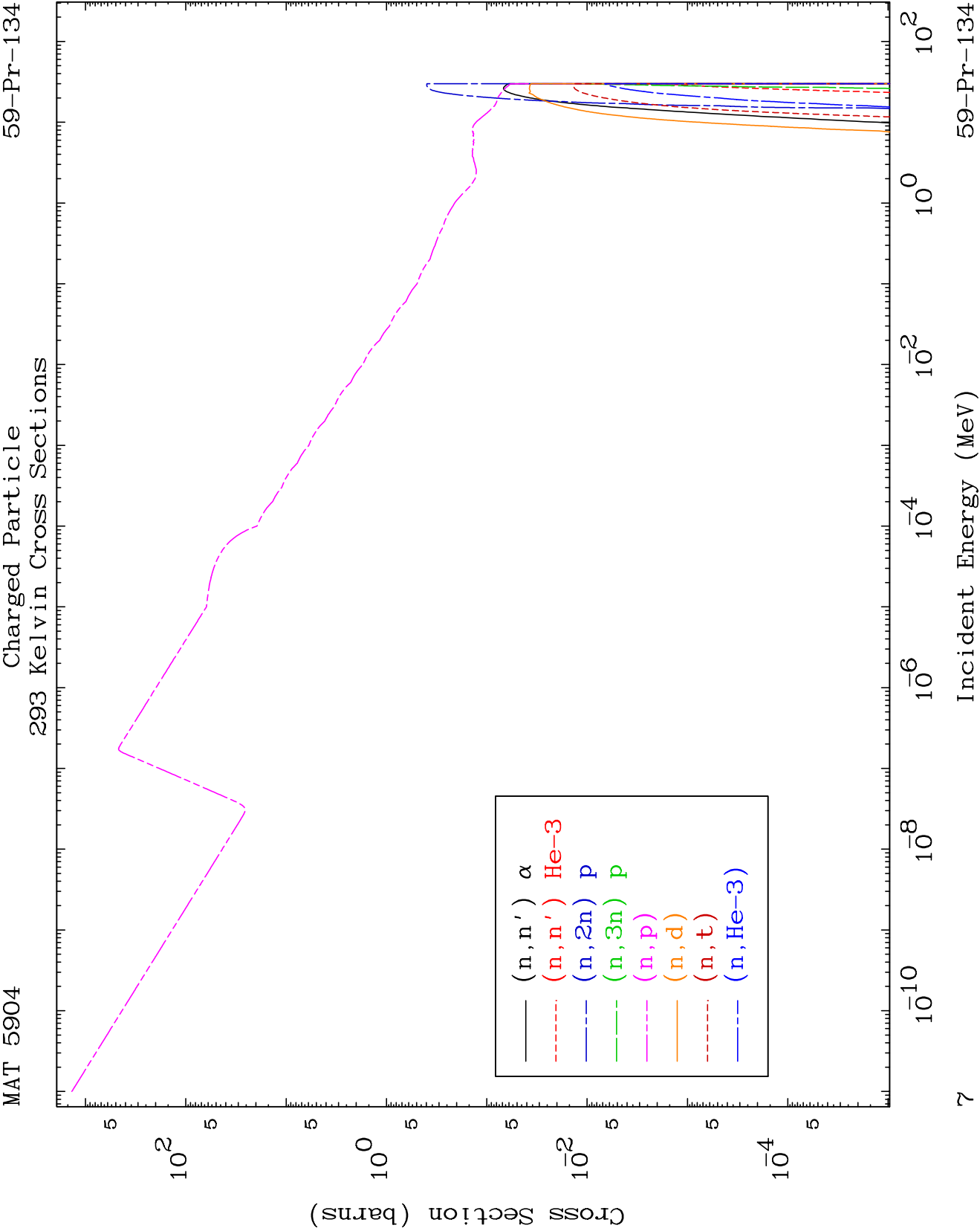


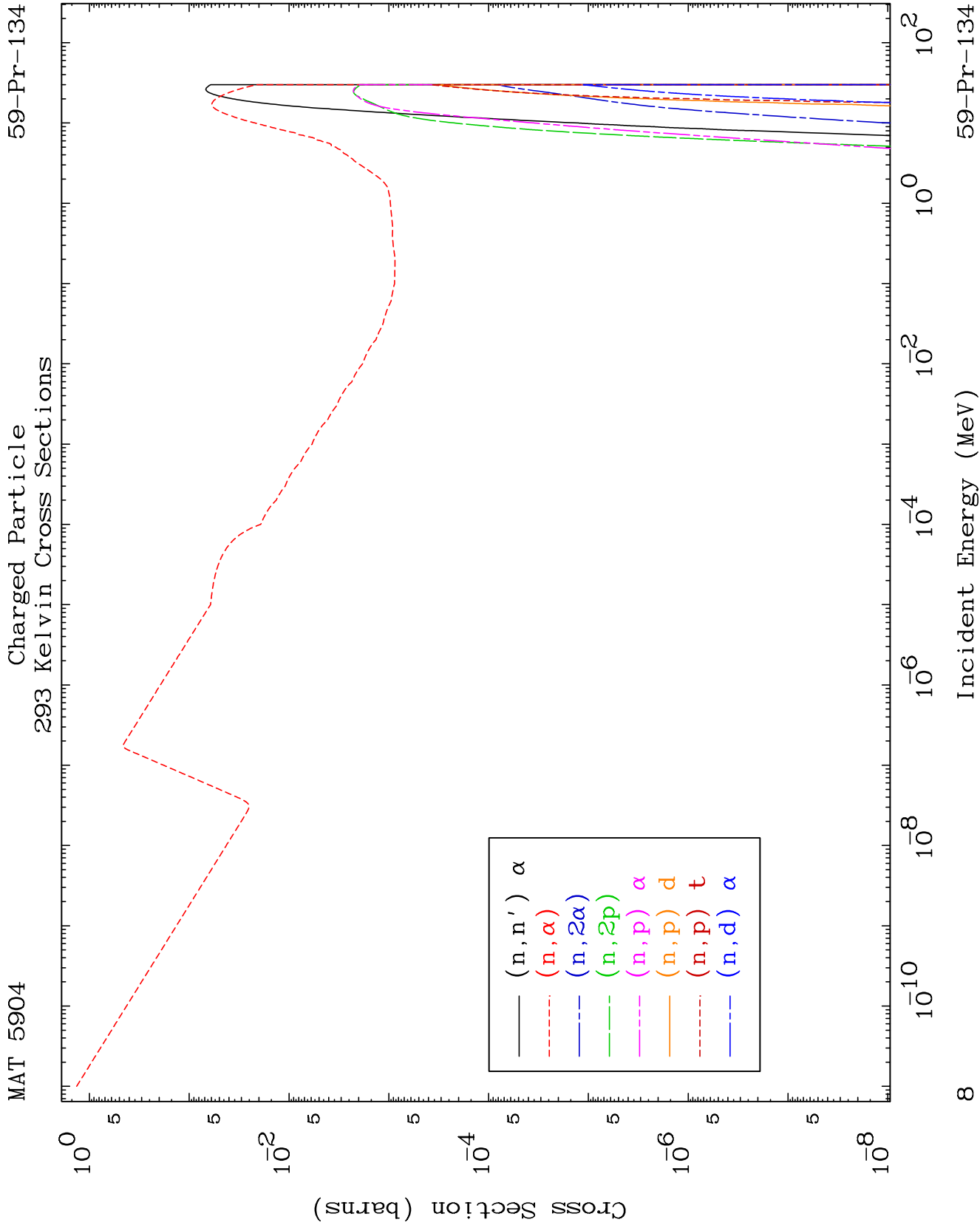


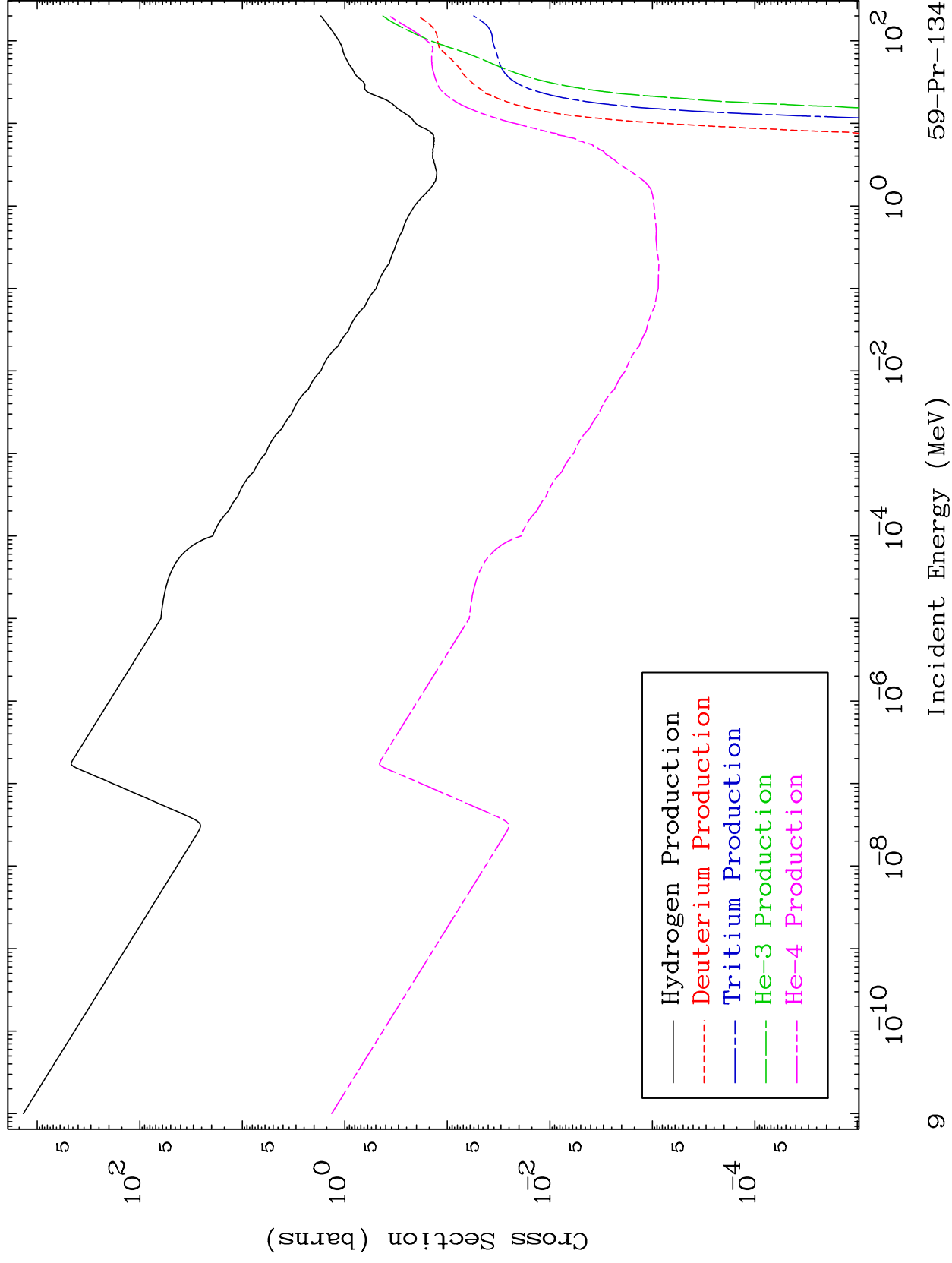










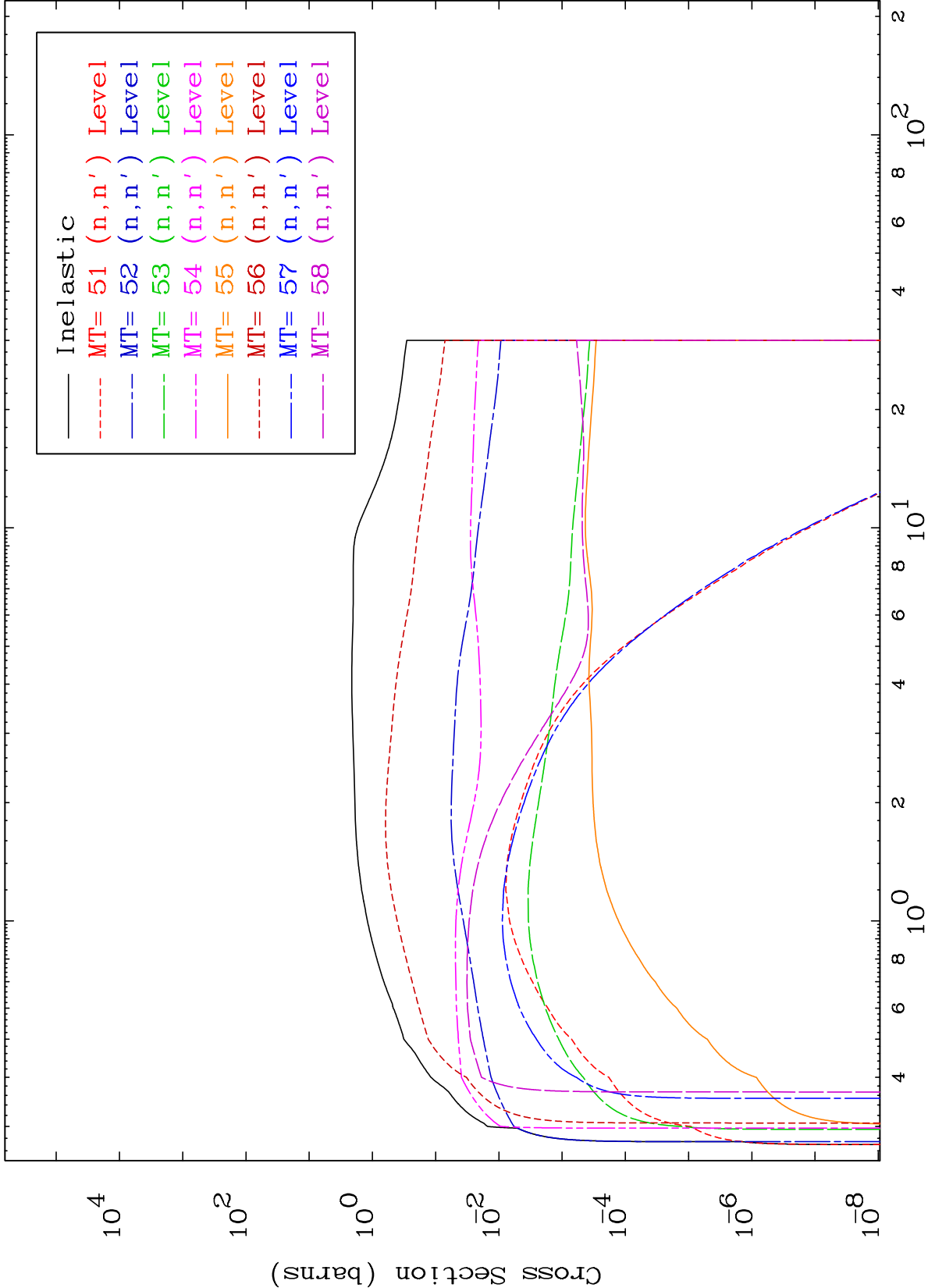


MAT 5904

(n,n') Levels

59-Pr-134

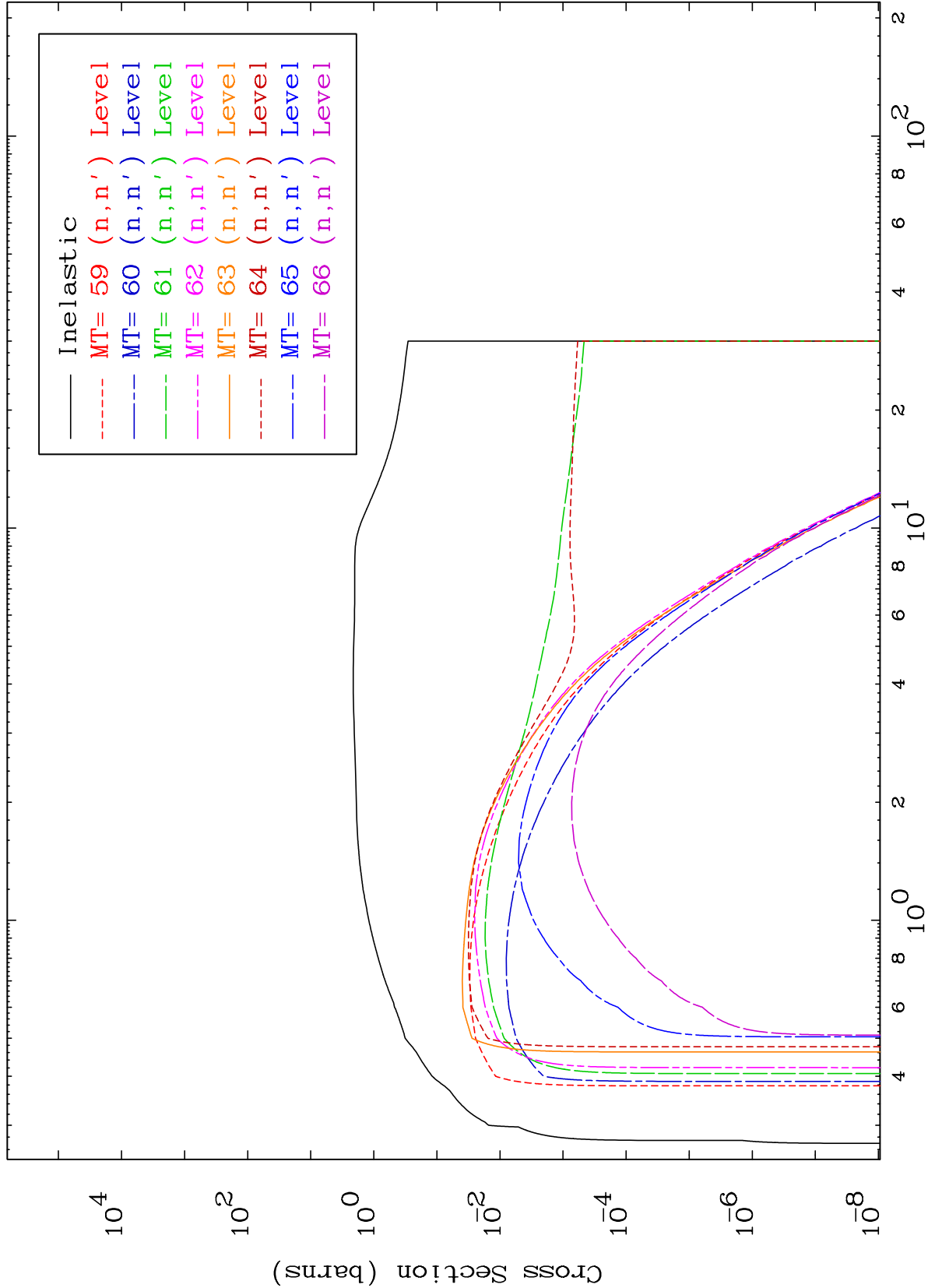
293 Kelvin Cross Sections

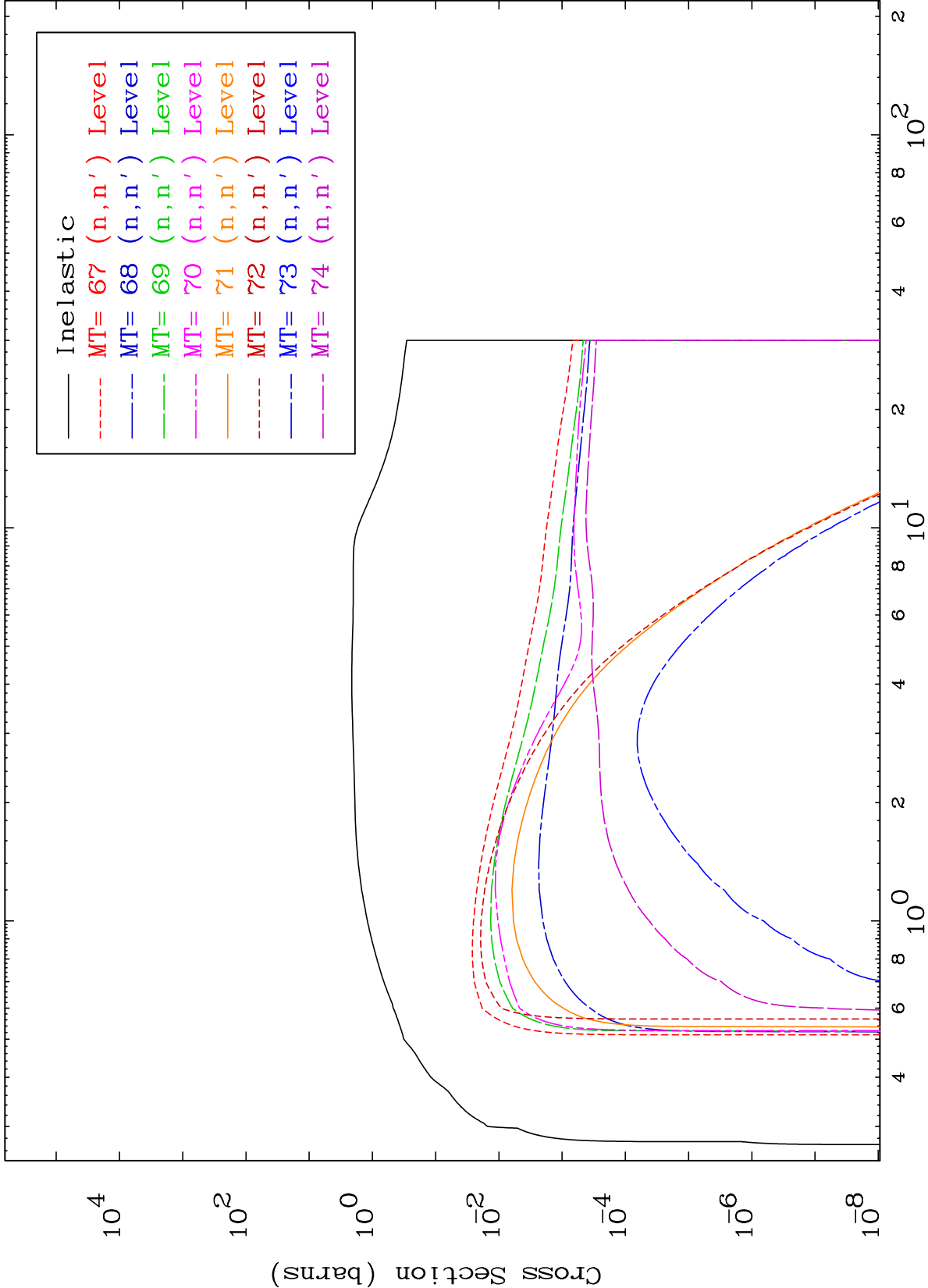


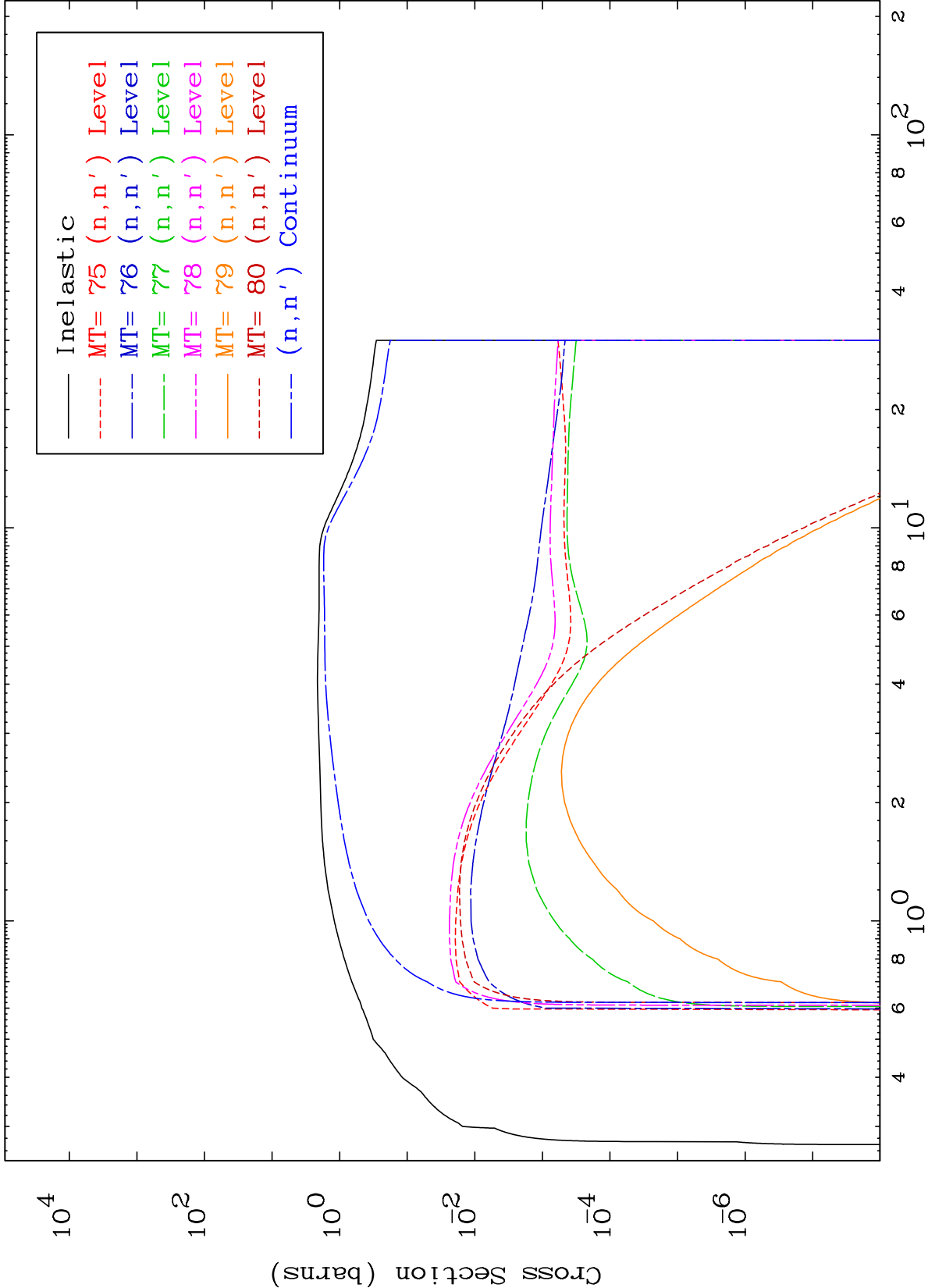
10

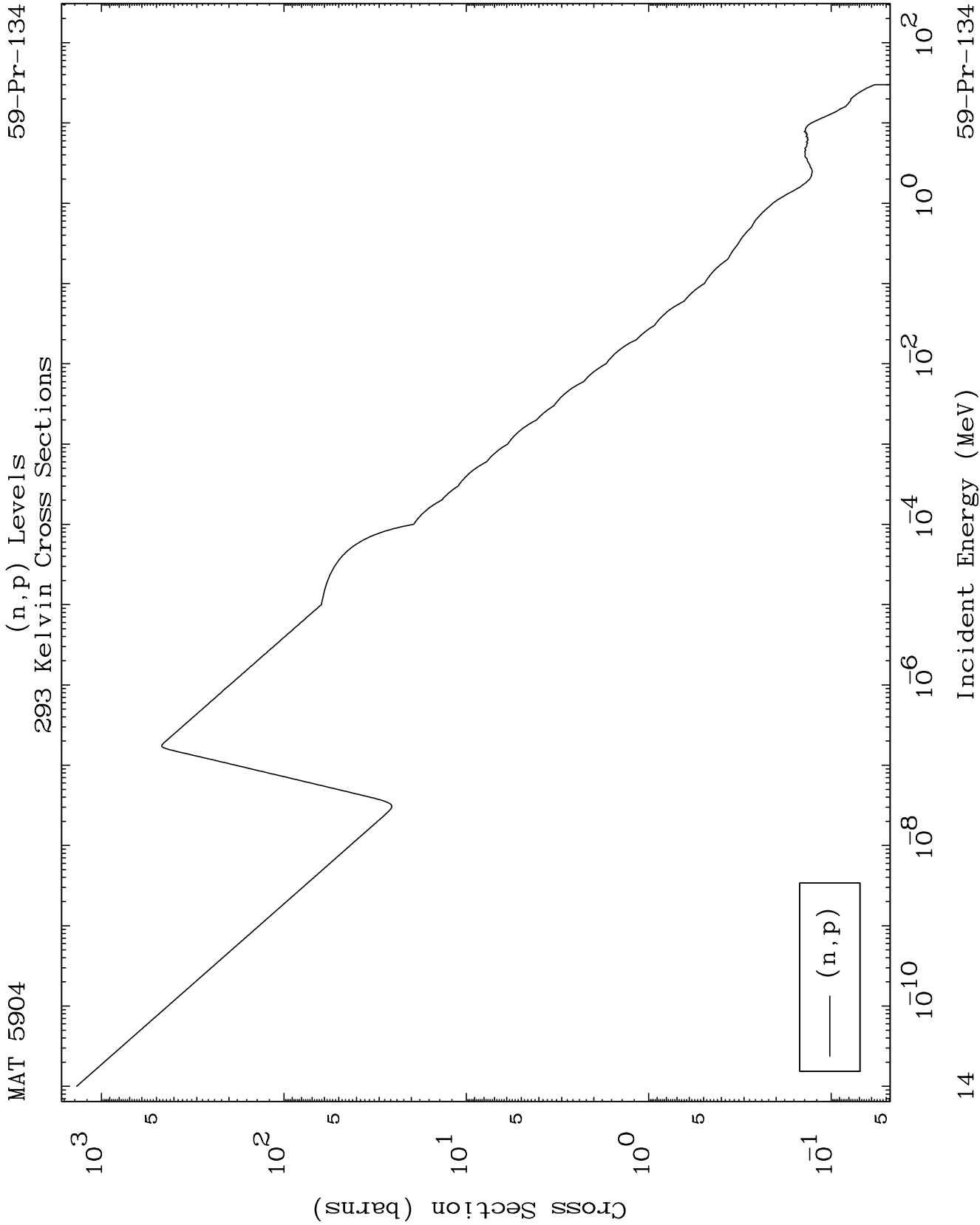
Incident Energy (MeV)

59-Pr-134





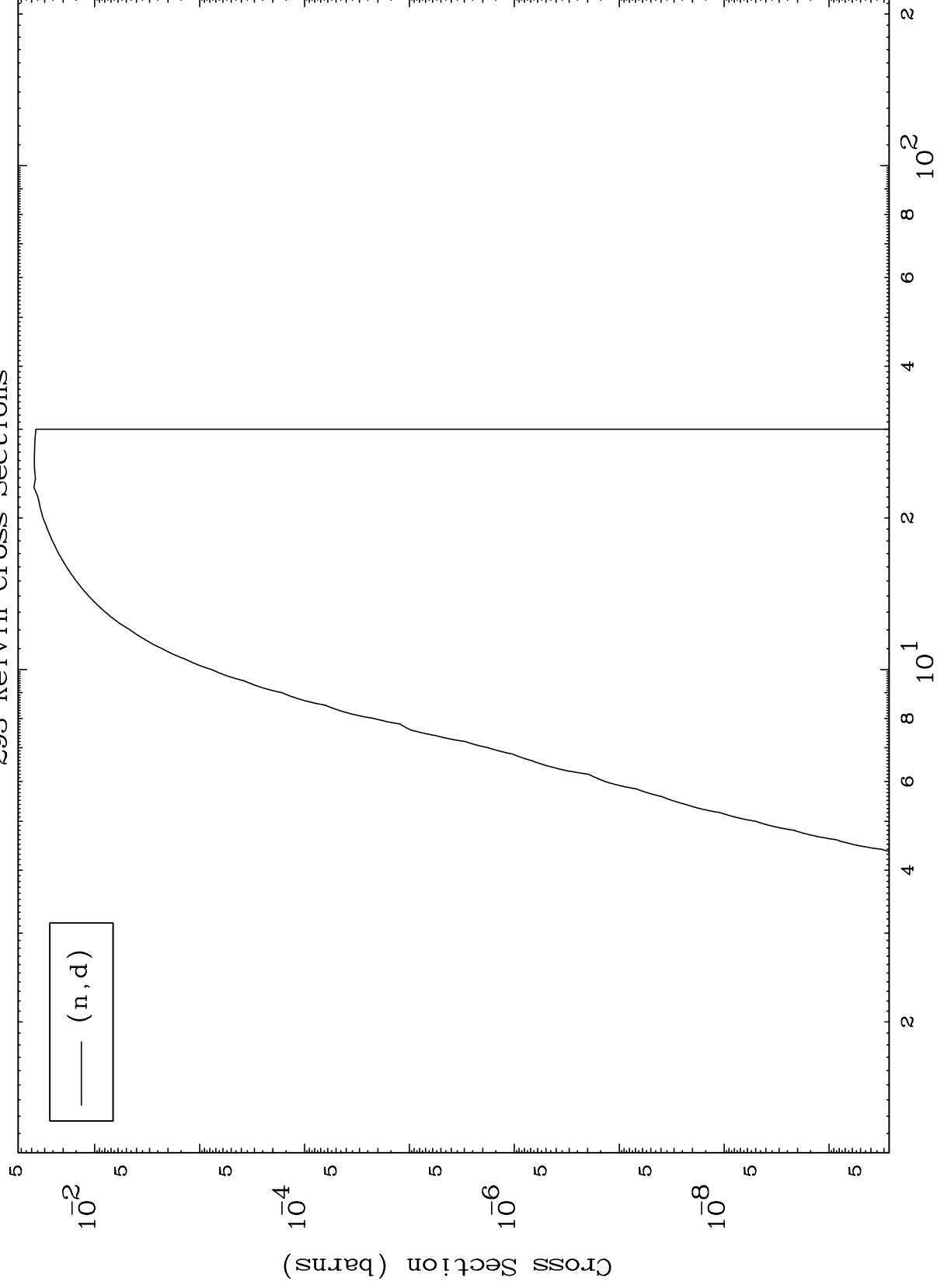




MAT 5904

59-Pr-134

(n,d) Levels
293 Kelvin Cross Sections



59-Pr-134

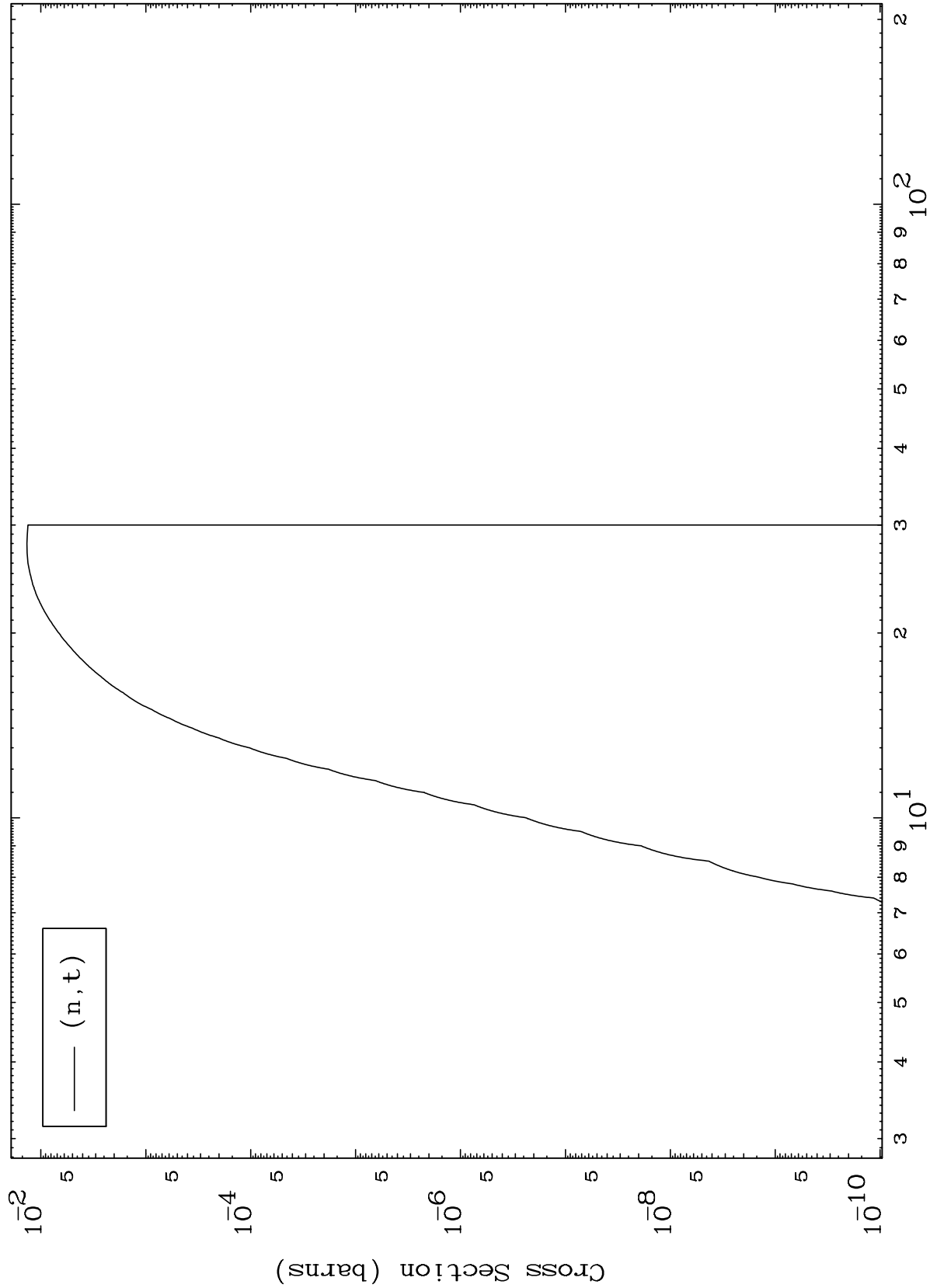
Incident Energy (MeV)

15

MAT 5904

59-Pr-134

(n,t) Levels
293 Kelvin Cross Sections



16

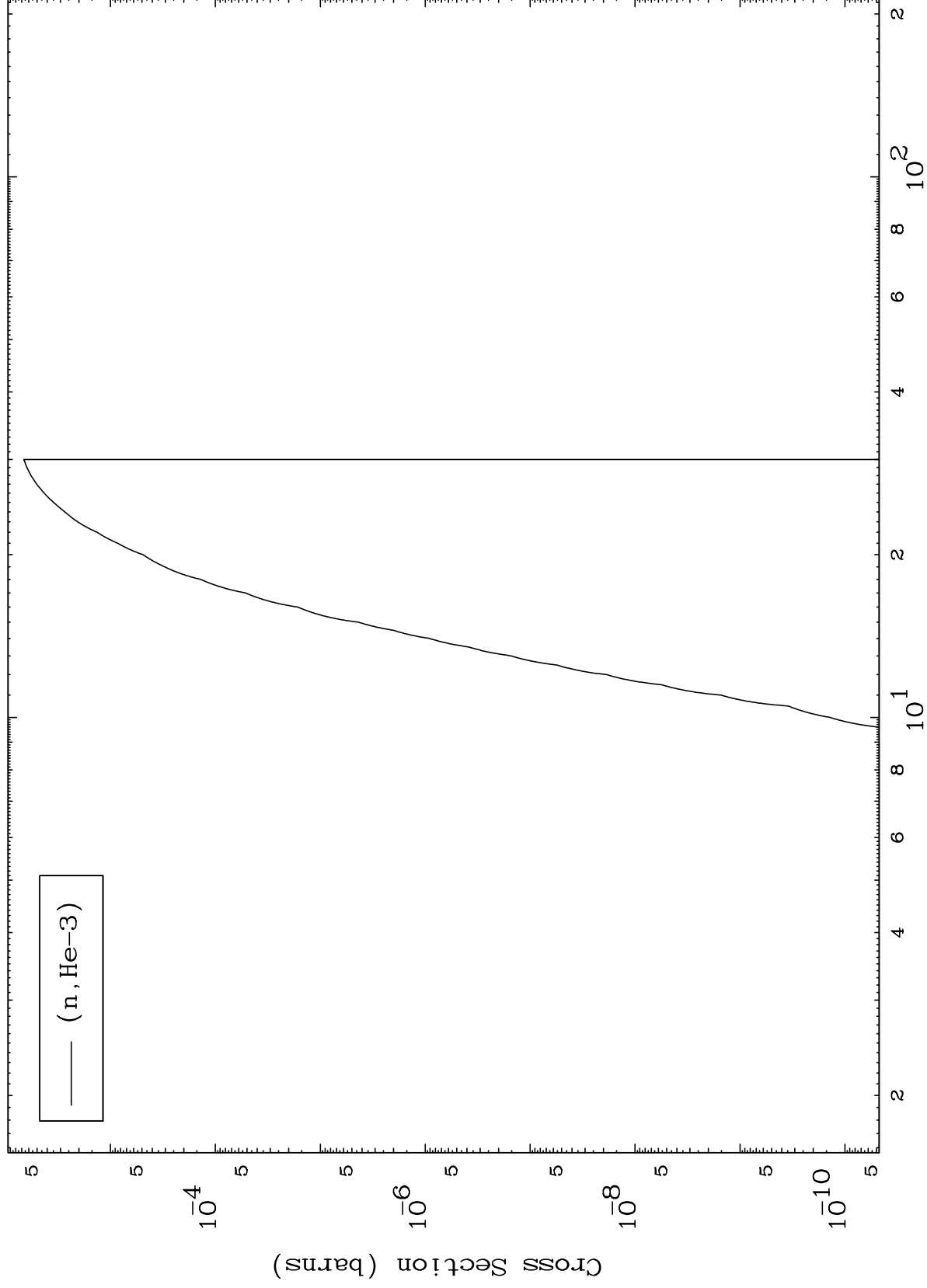
Incident Energy (MeV)

59-Pr-134

MAT 5904

59-Pr-134

(n,He3) Levels
293 Kelvin Cross Sections



17

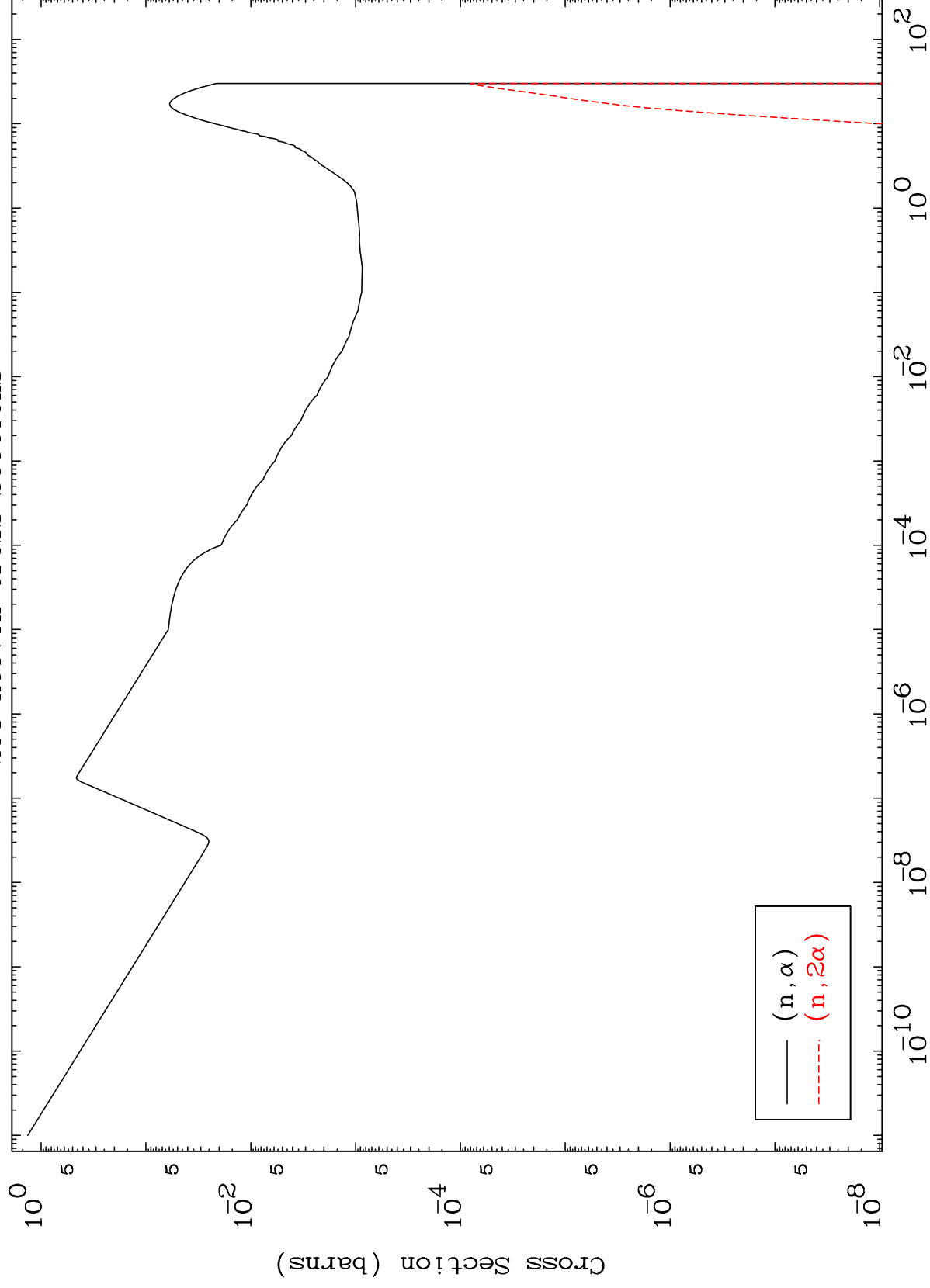
Incident Energy (MeV)

59-Pr-134

MAT 5904

59-Pr-134

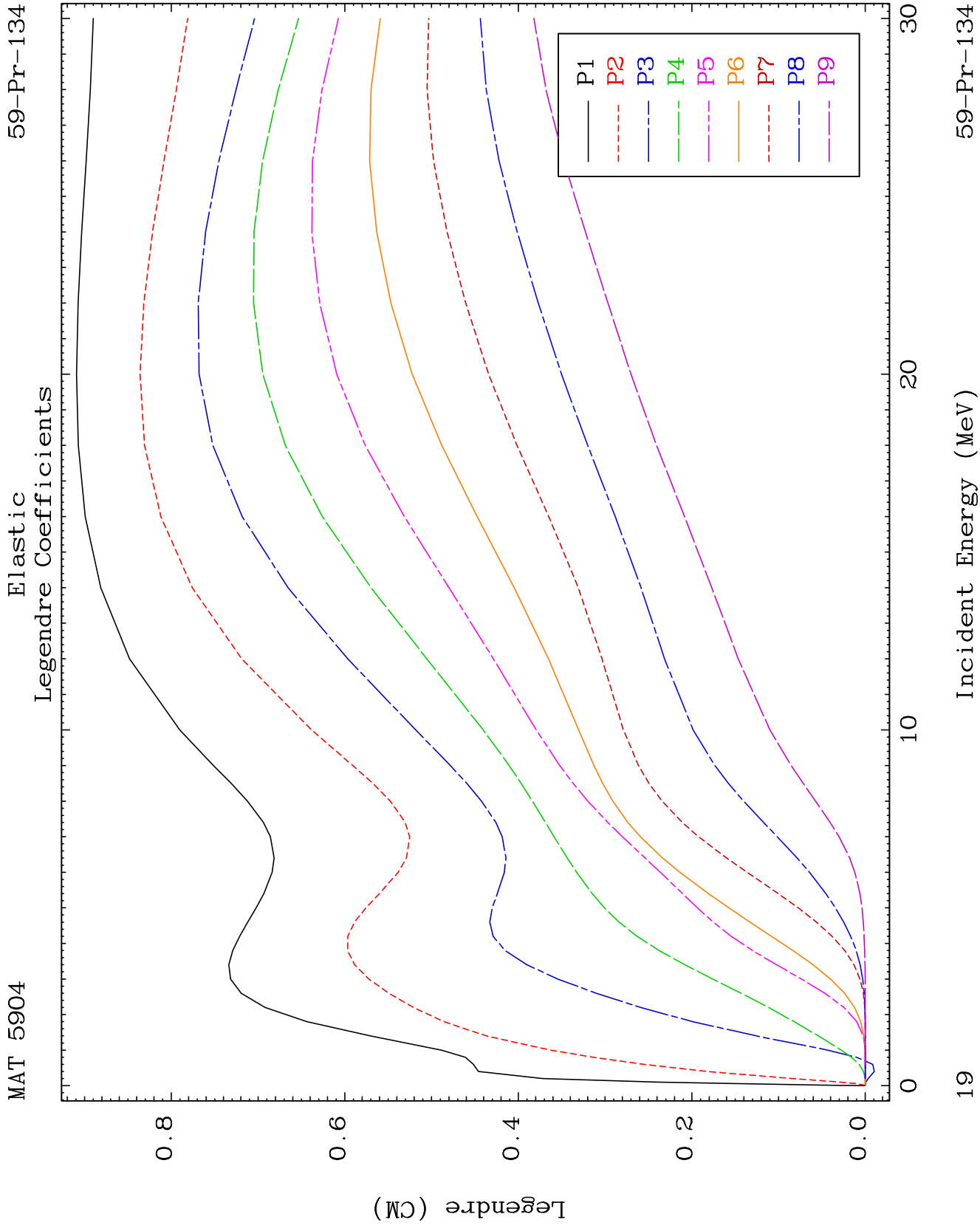
(n, α) Levels
293 Kelvin Cross Sections

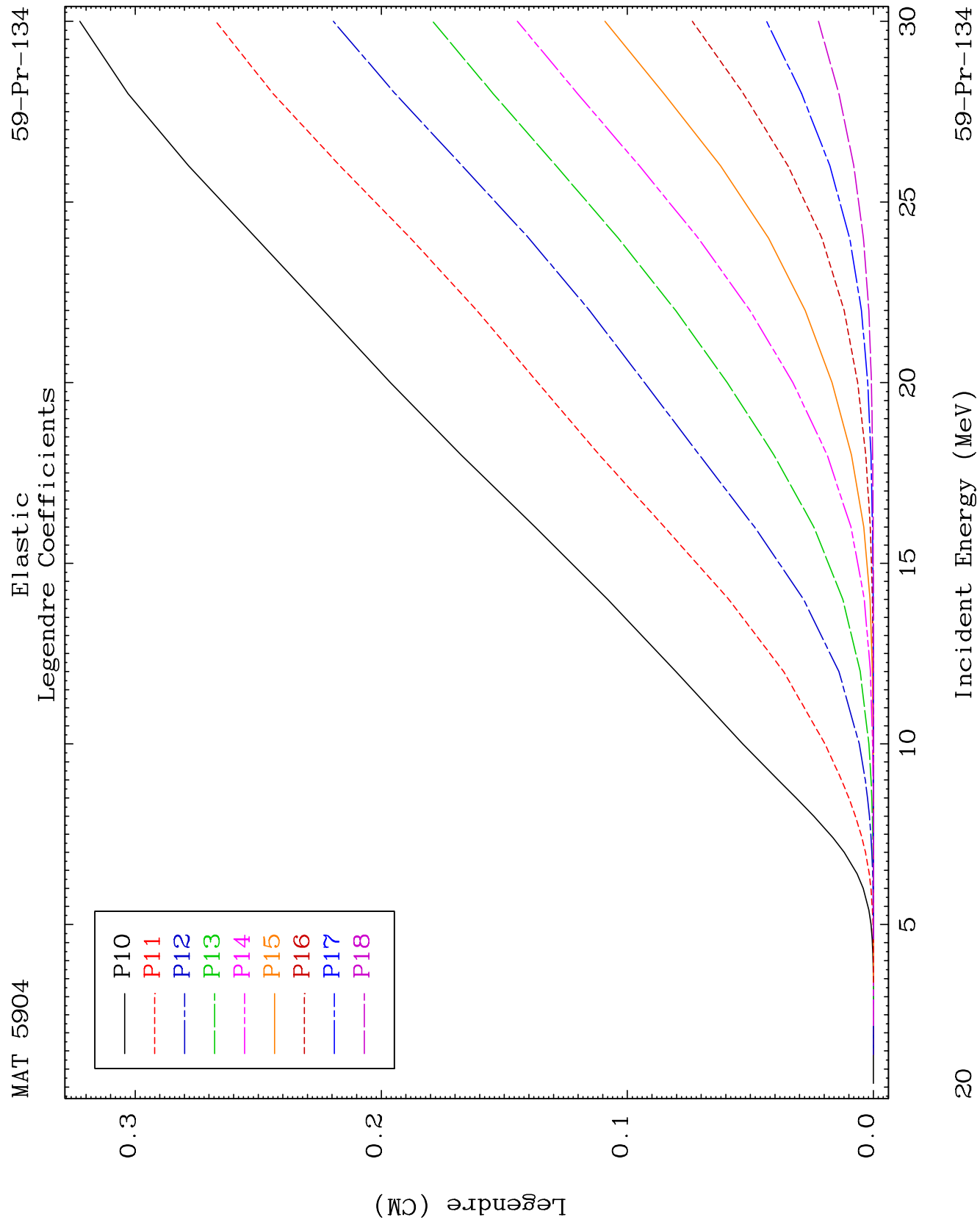


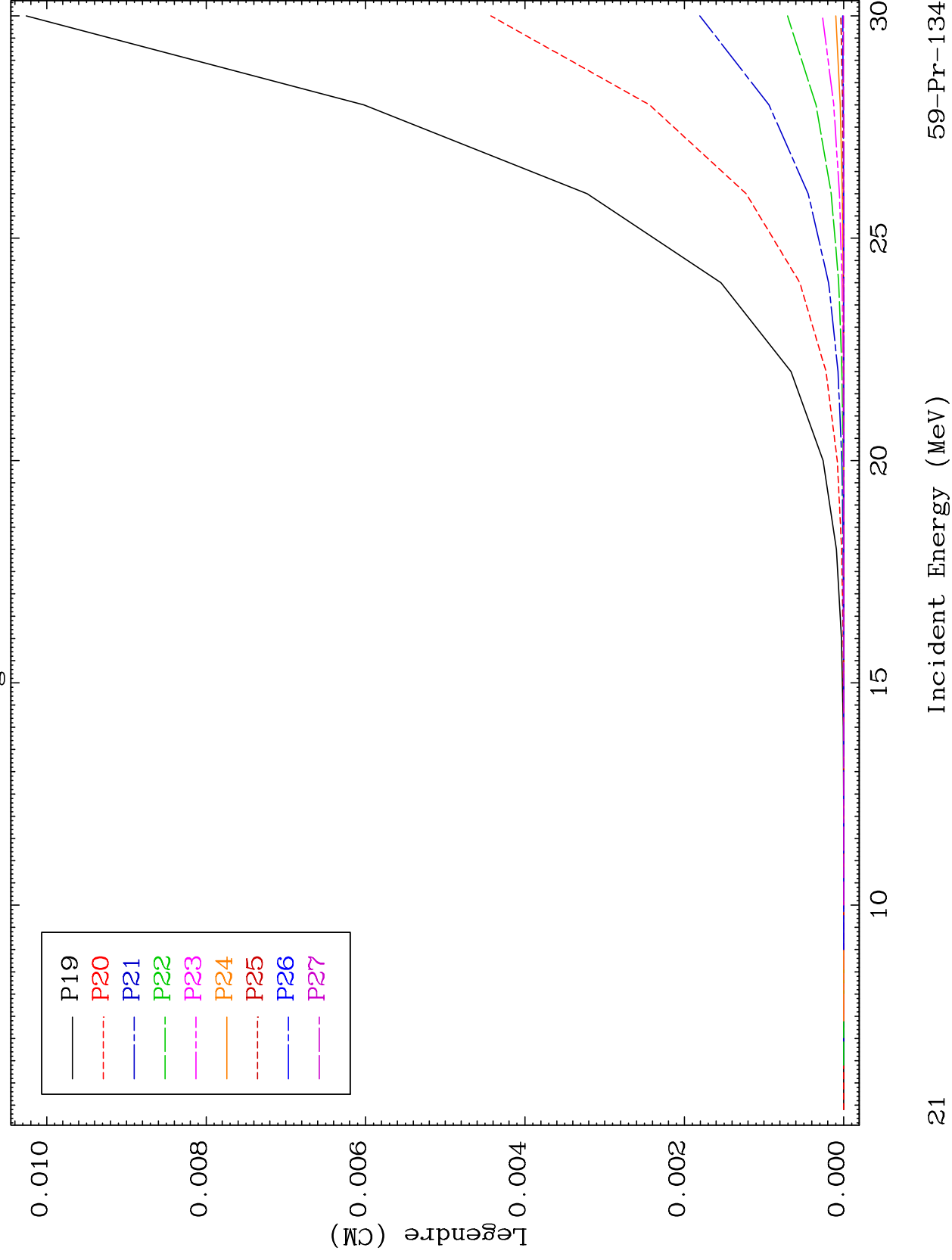
59-Pr-134

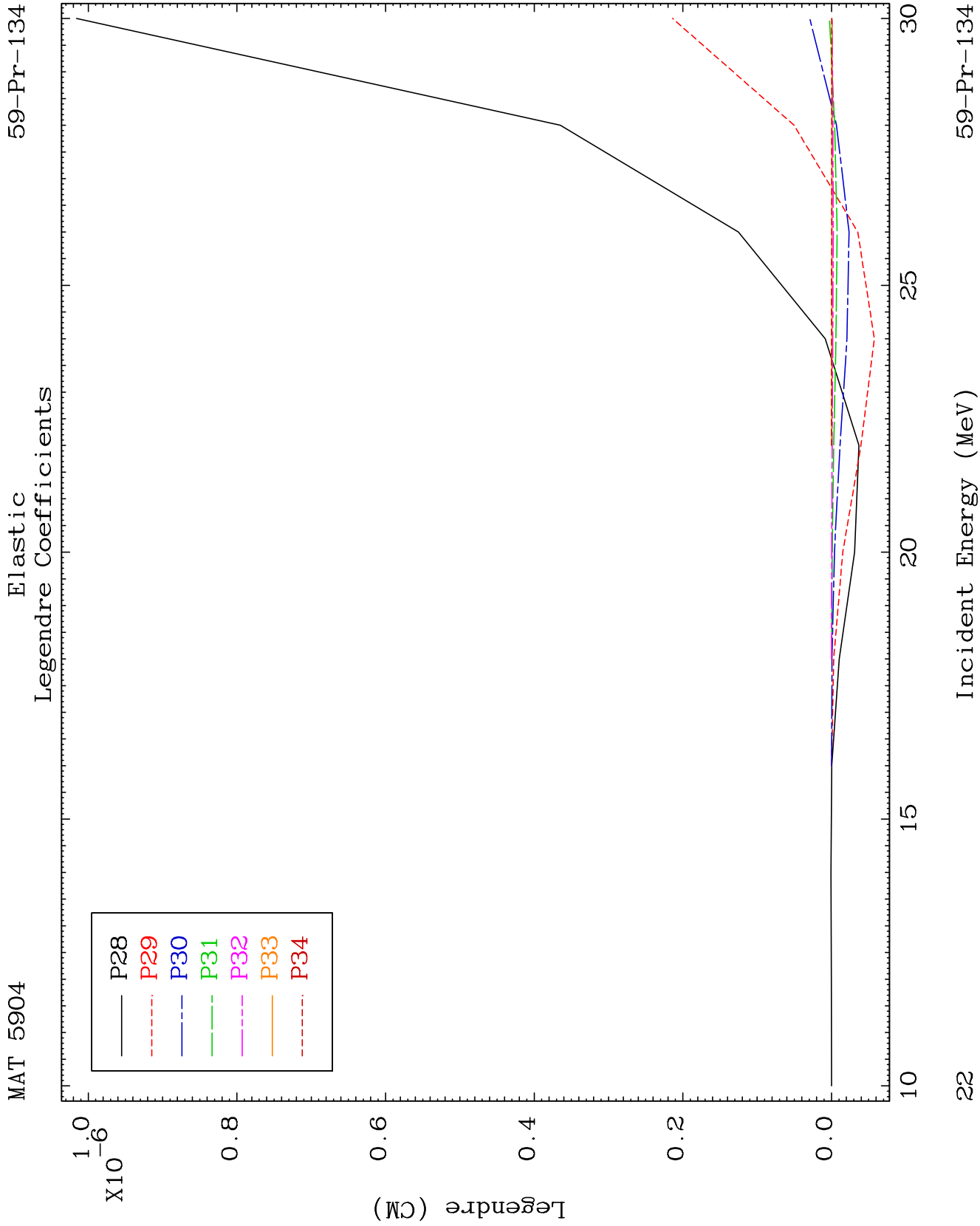
Incident Energy (MeV)

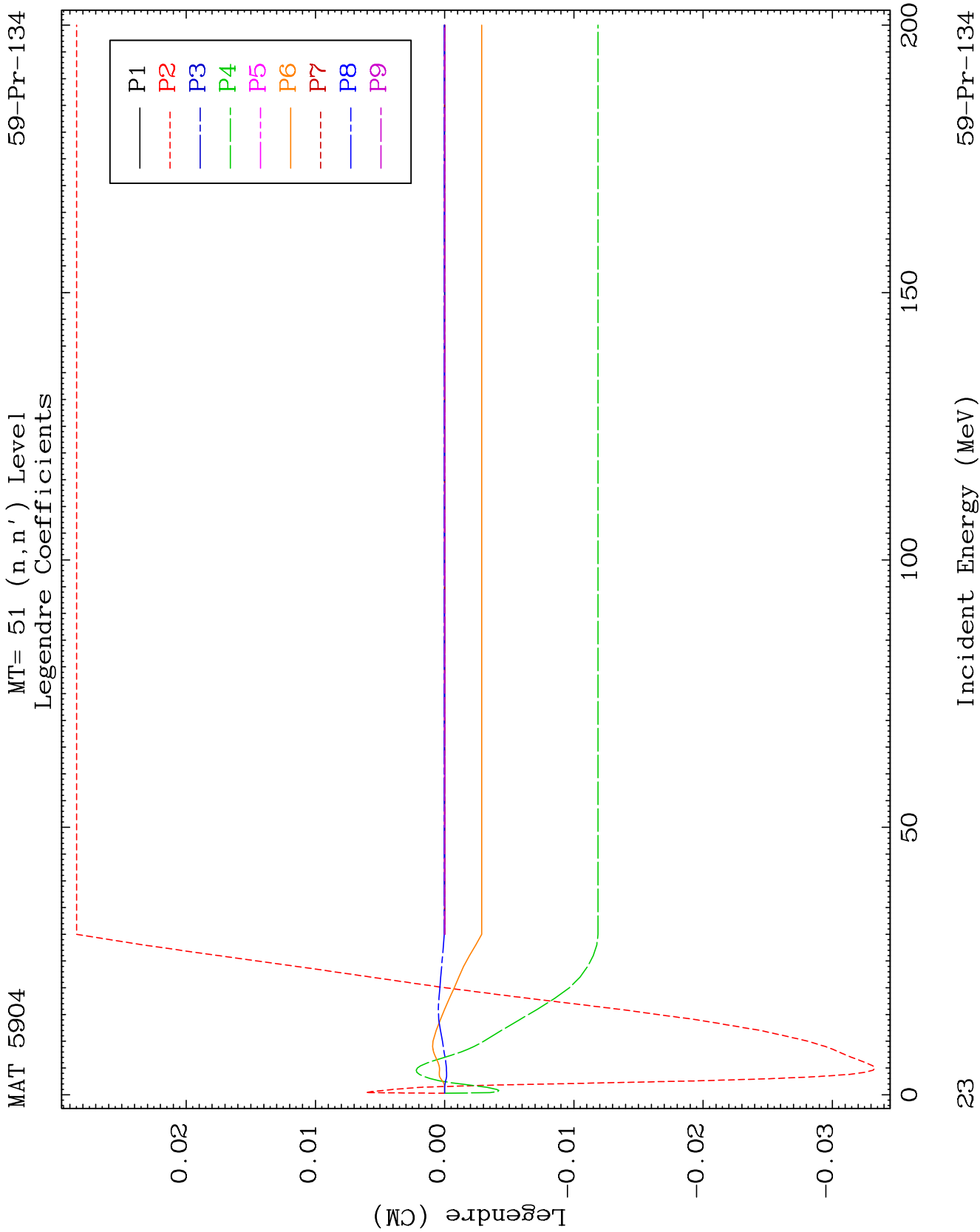
18

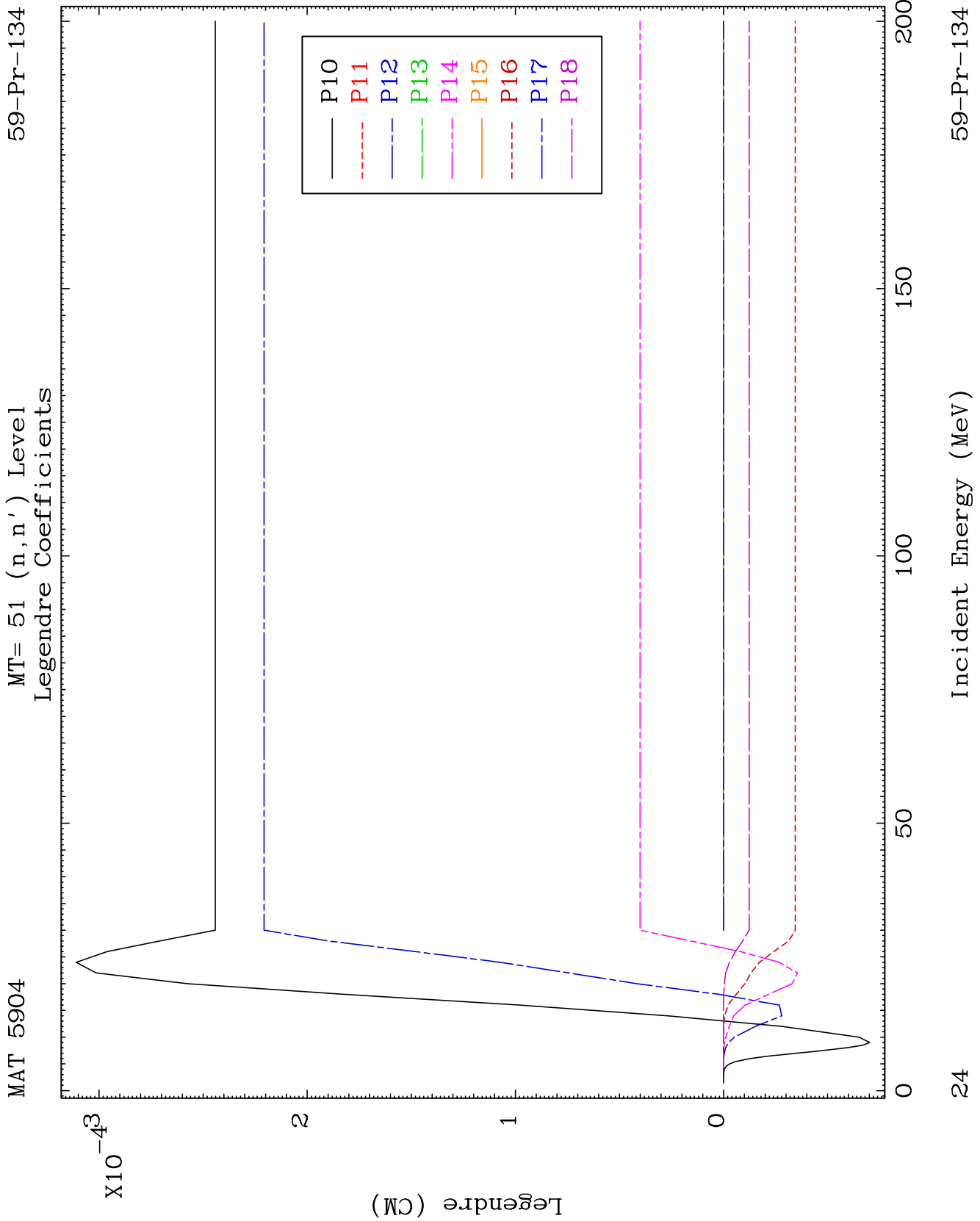


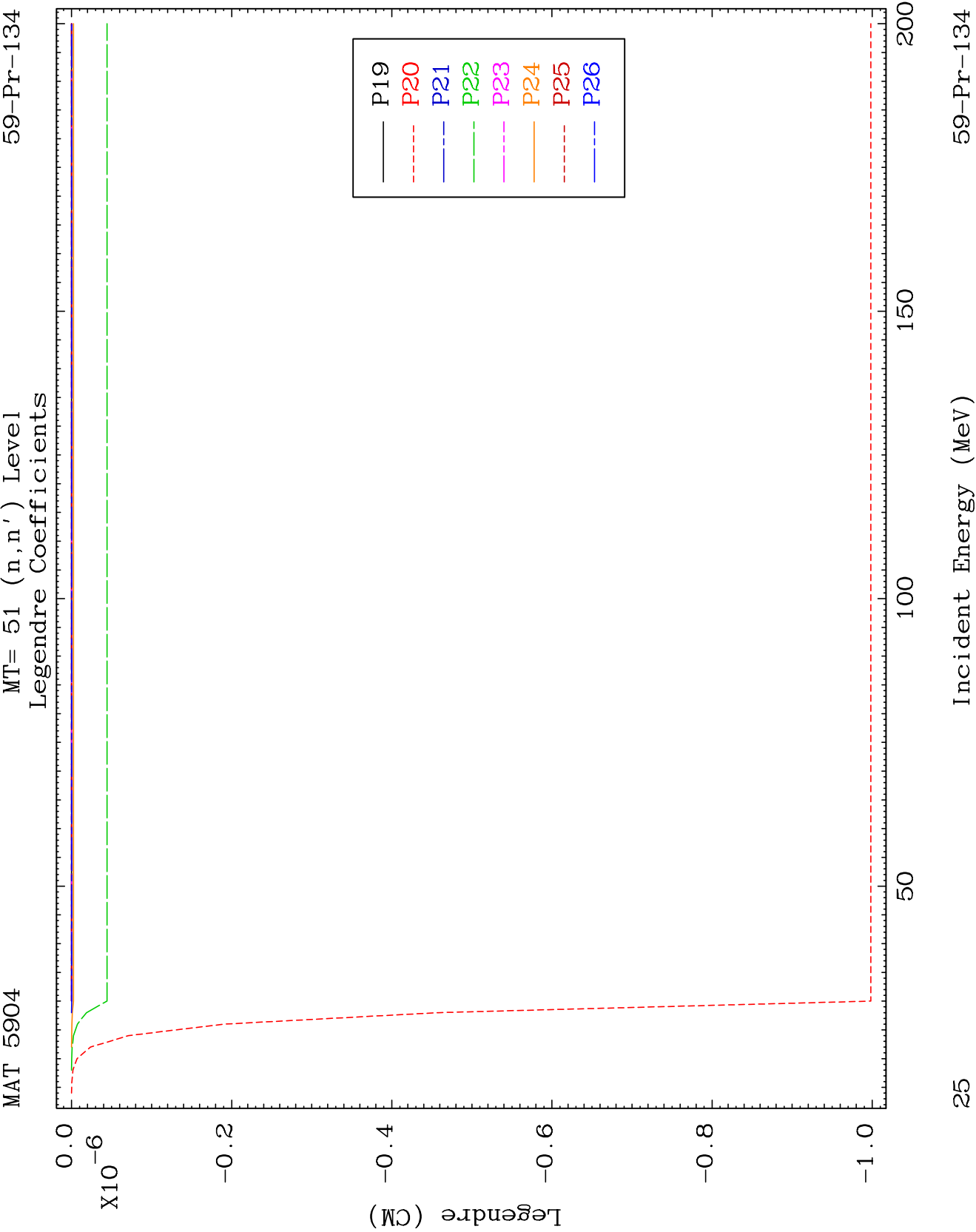


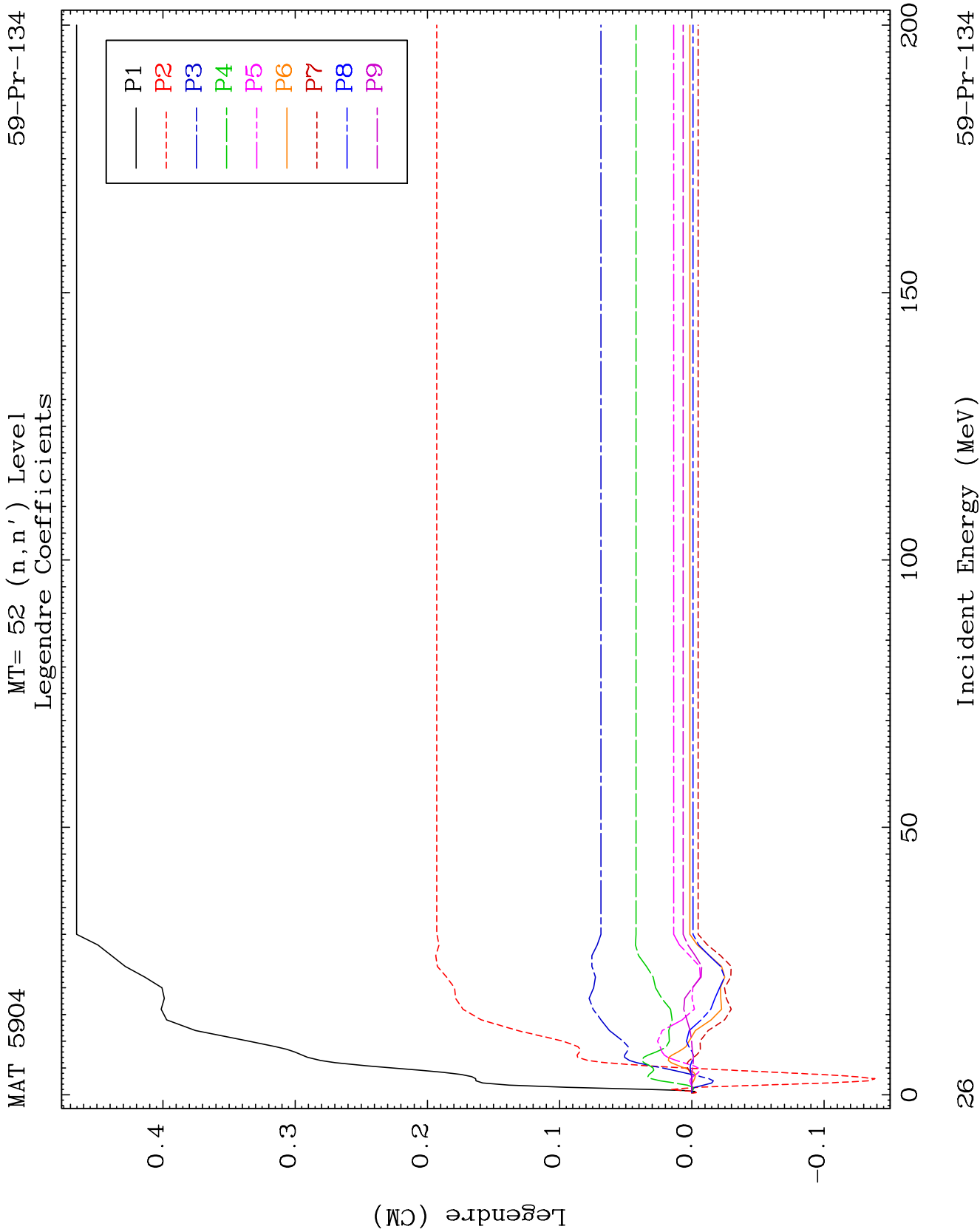








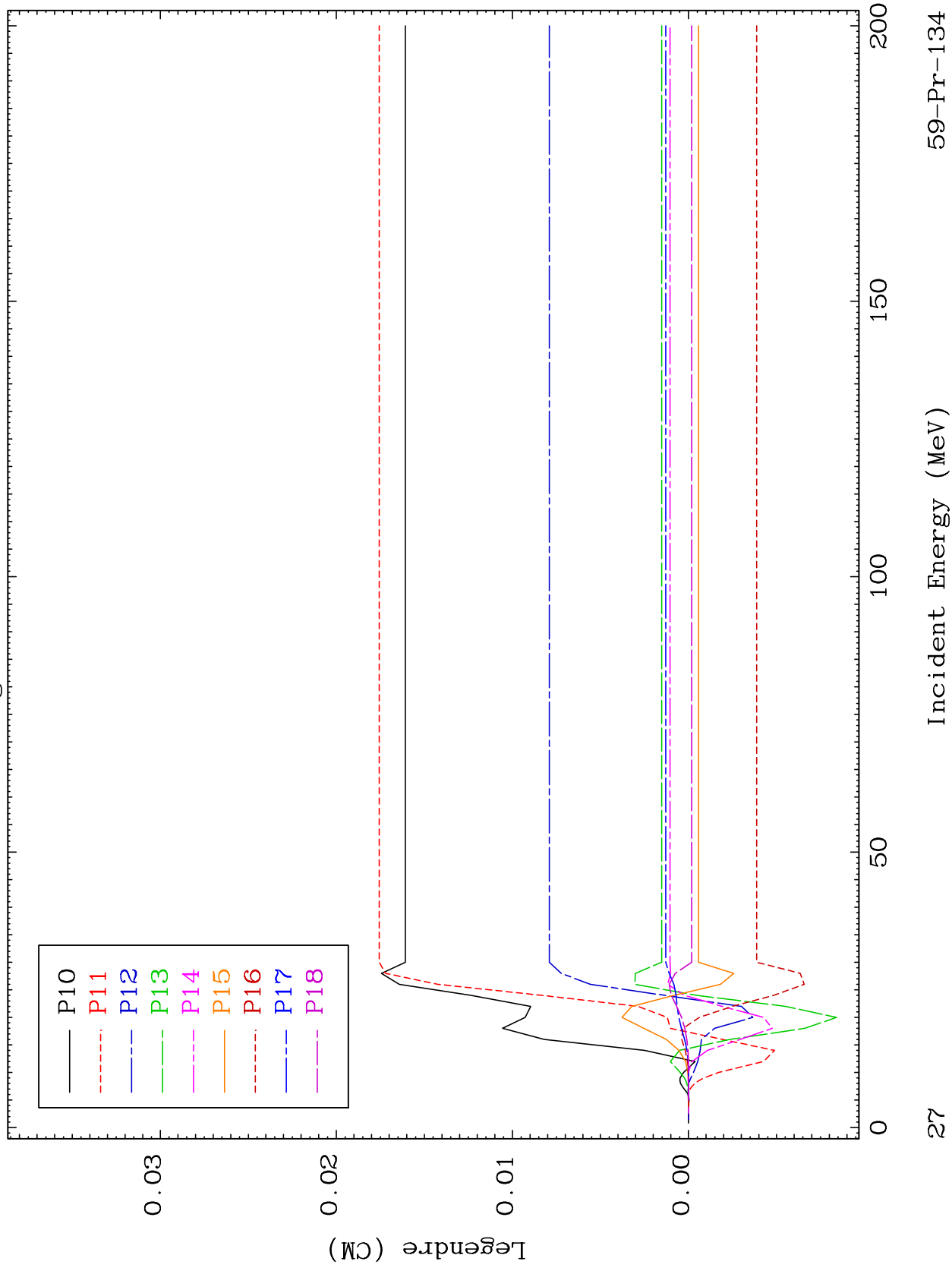


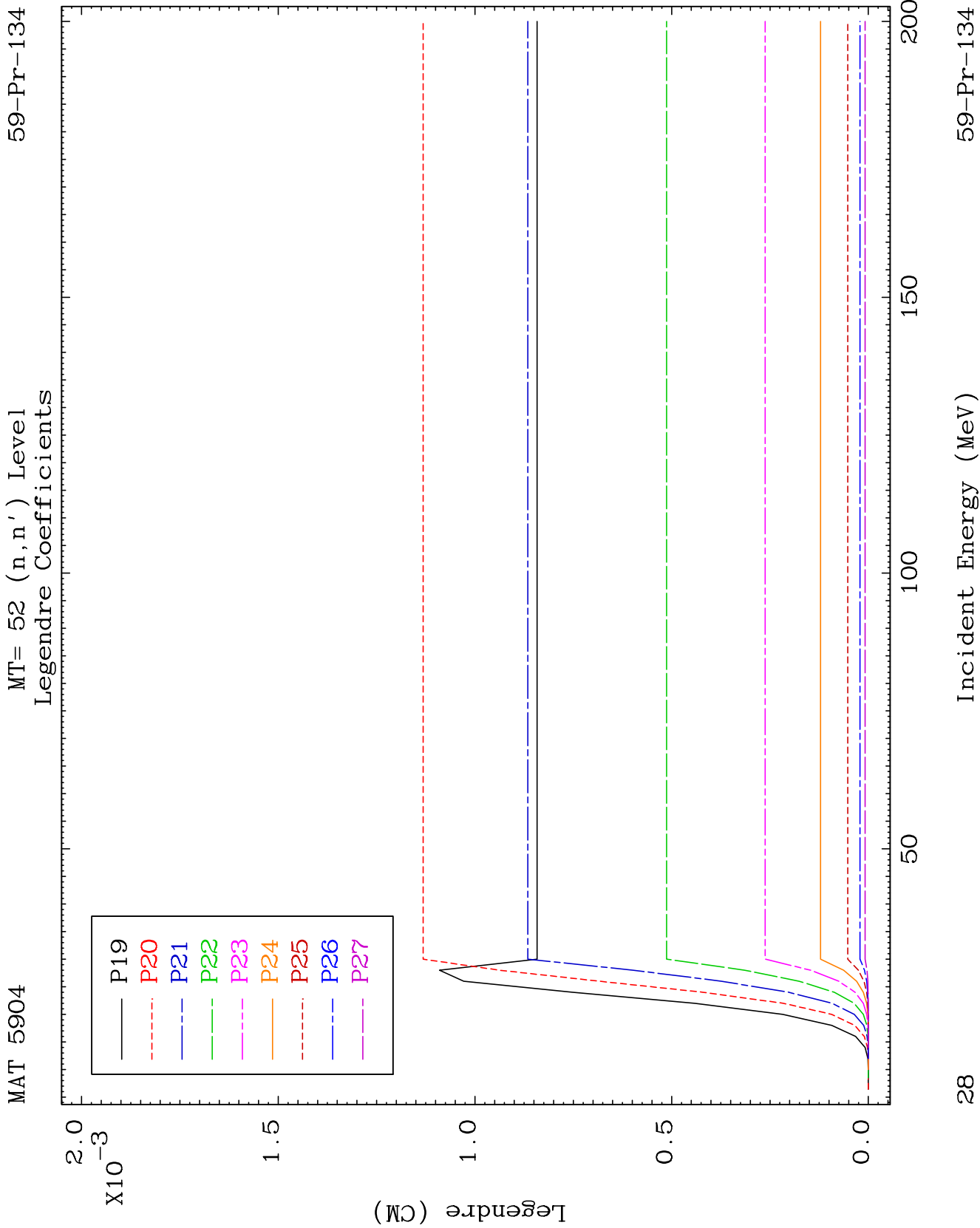


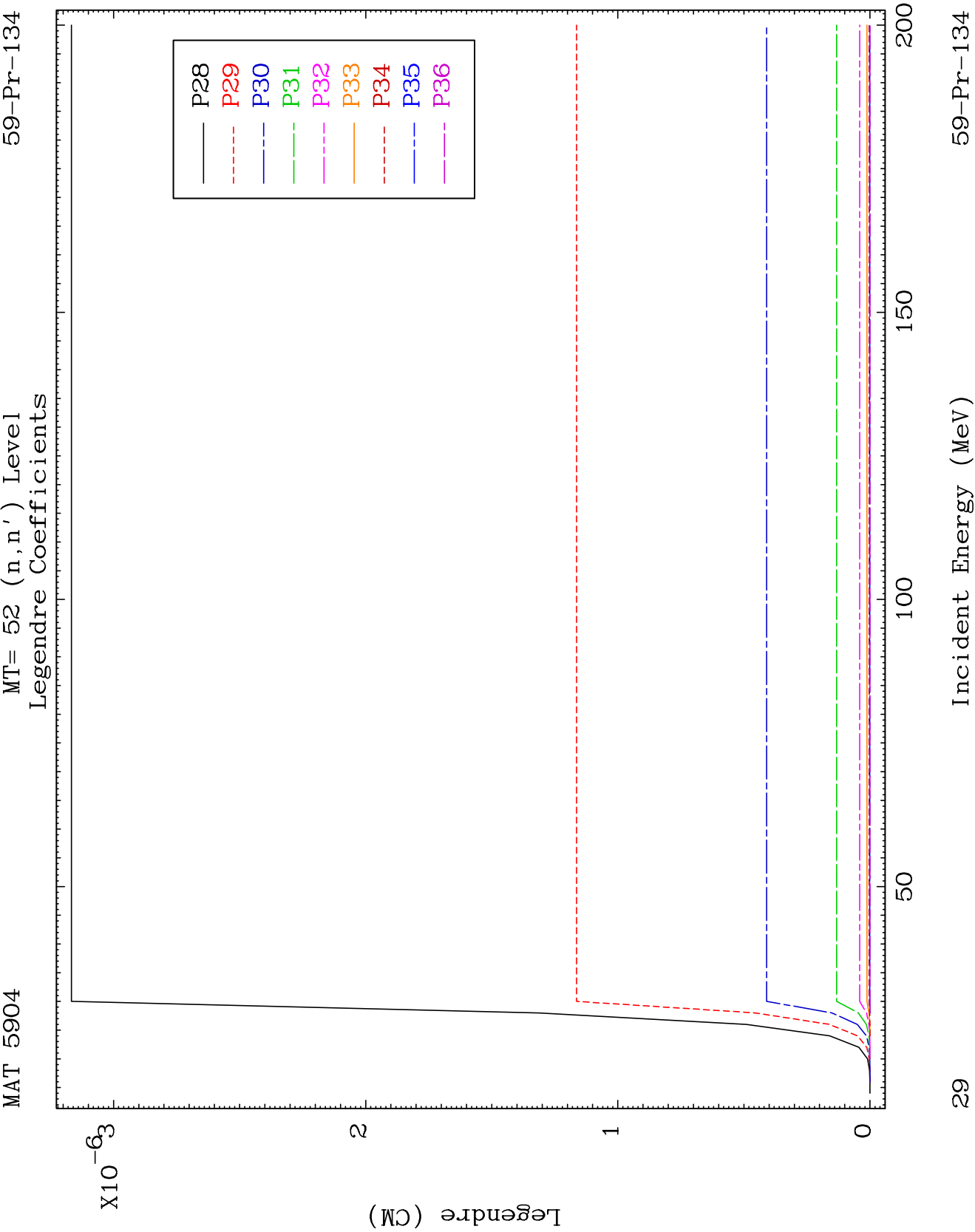
MAT 5904

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

59-Pr-134



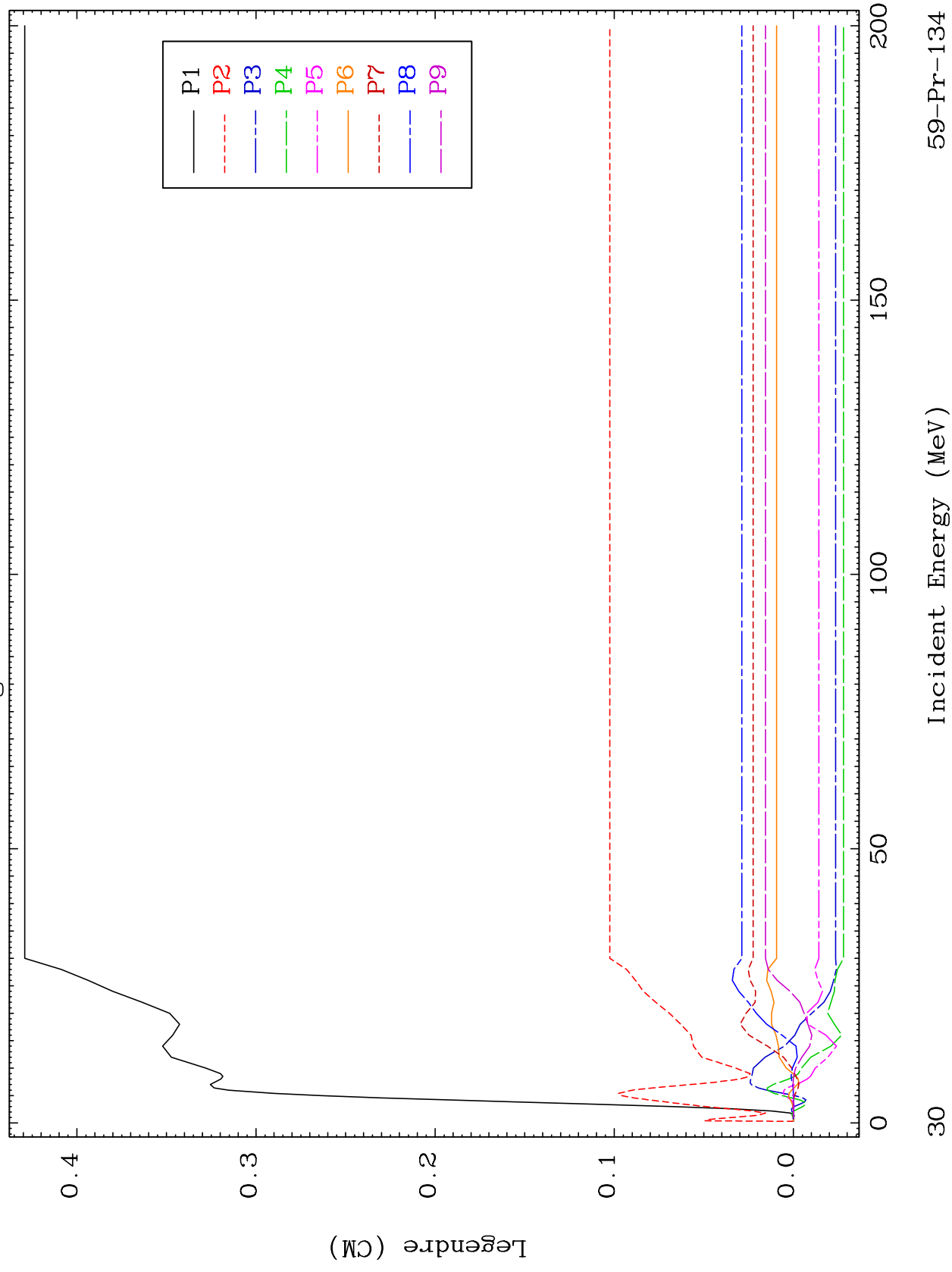


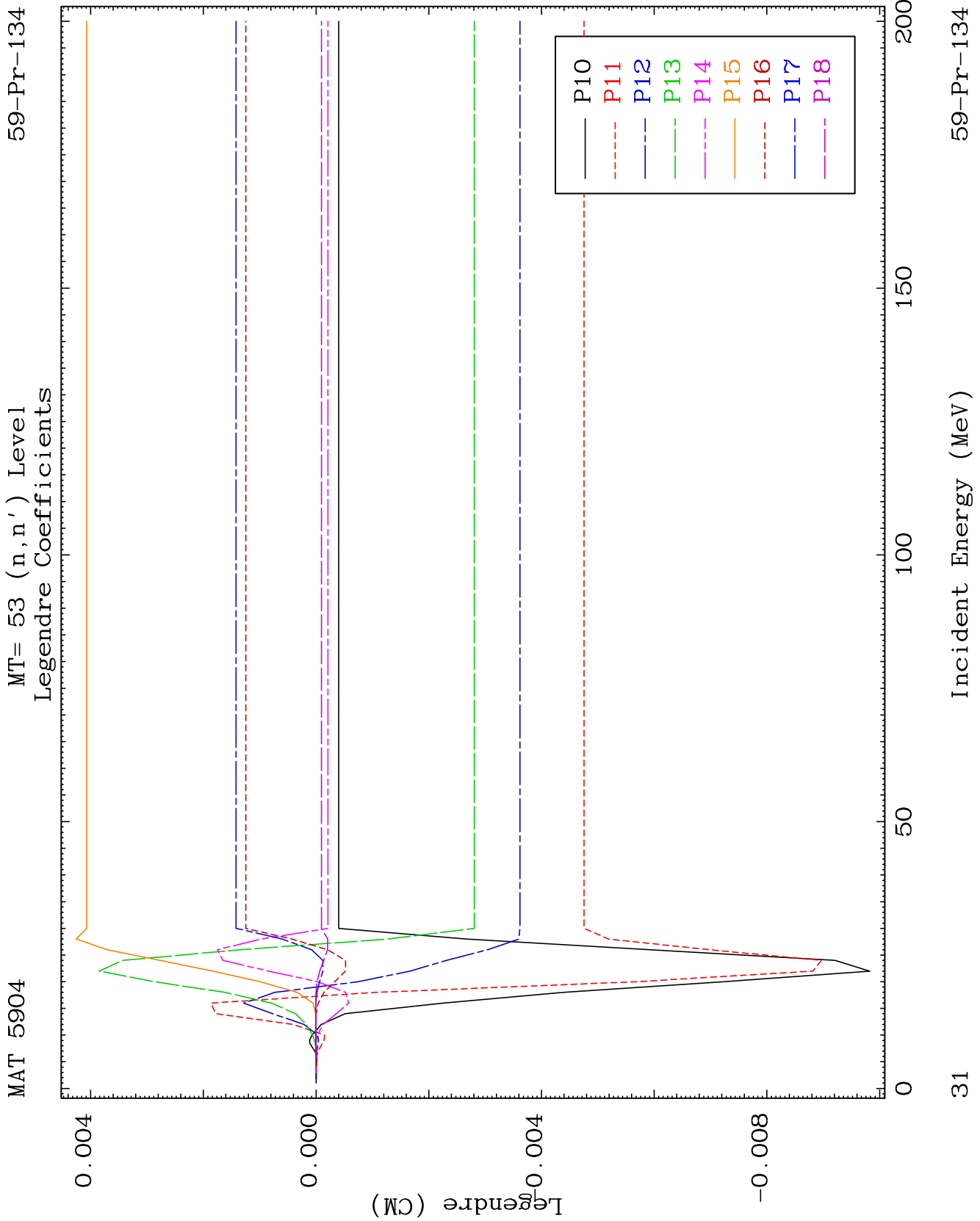


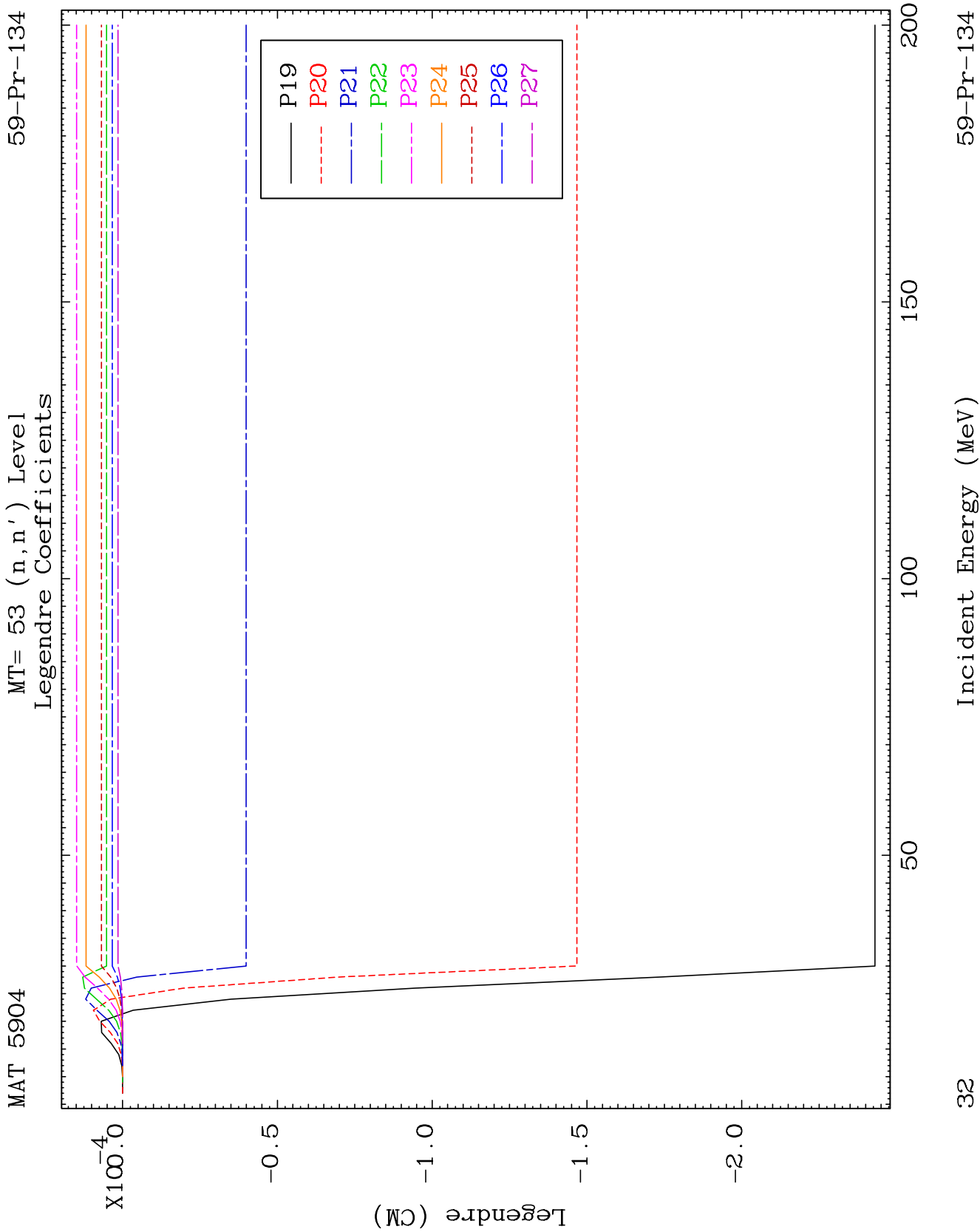
MAT 5904

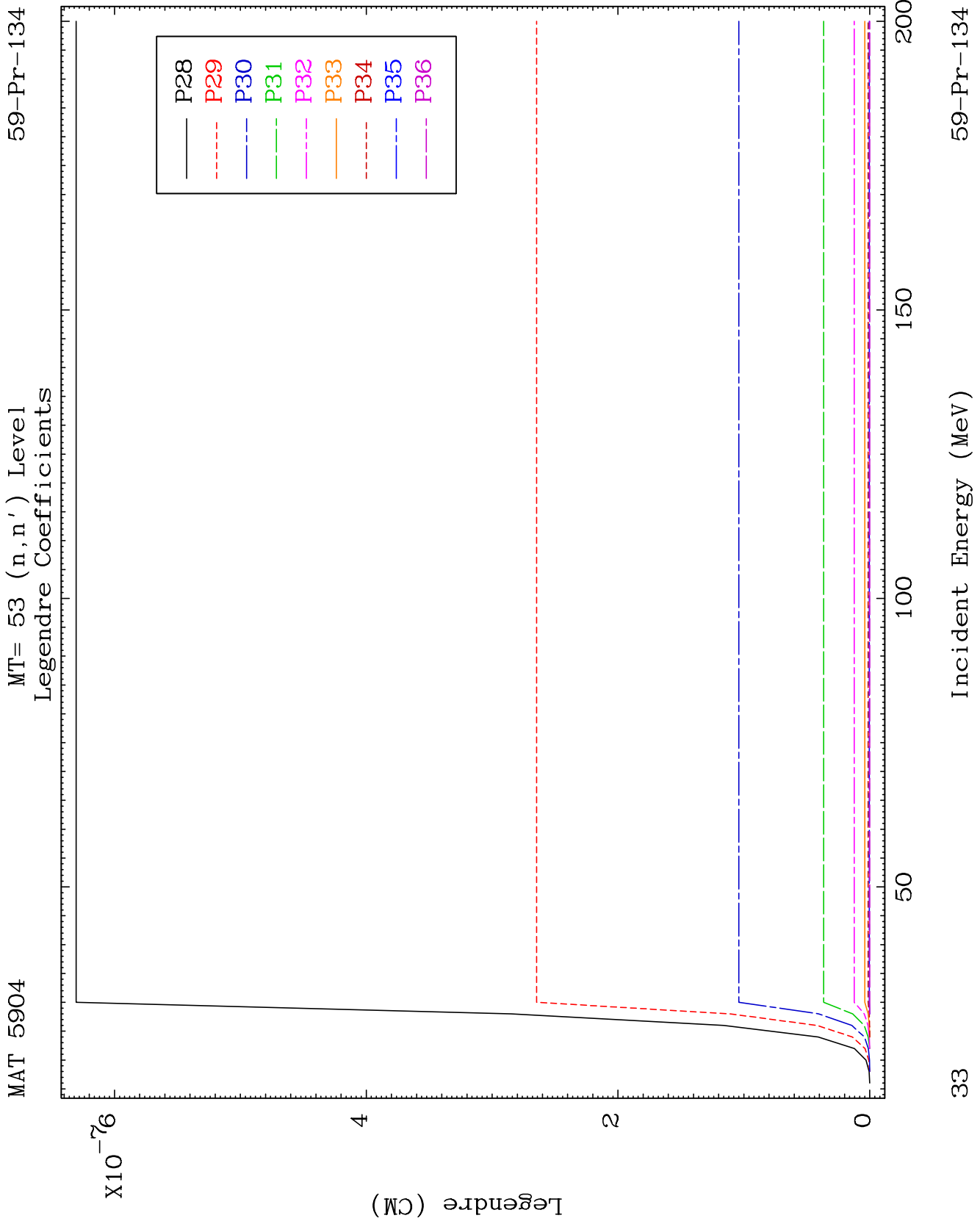
MT= 53 (n, n') Level
Legendre Coefficients

59-Pr-134





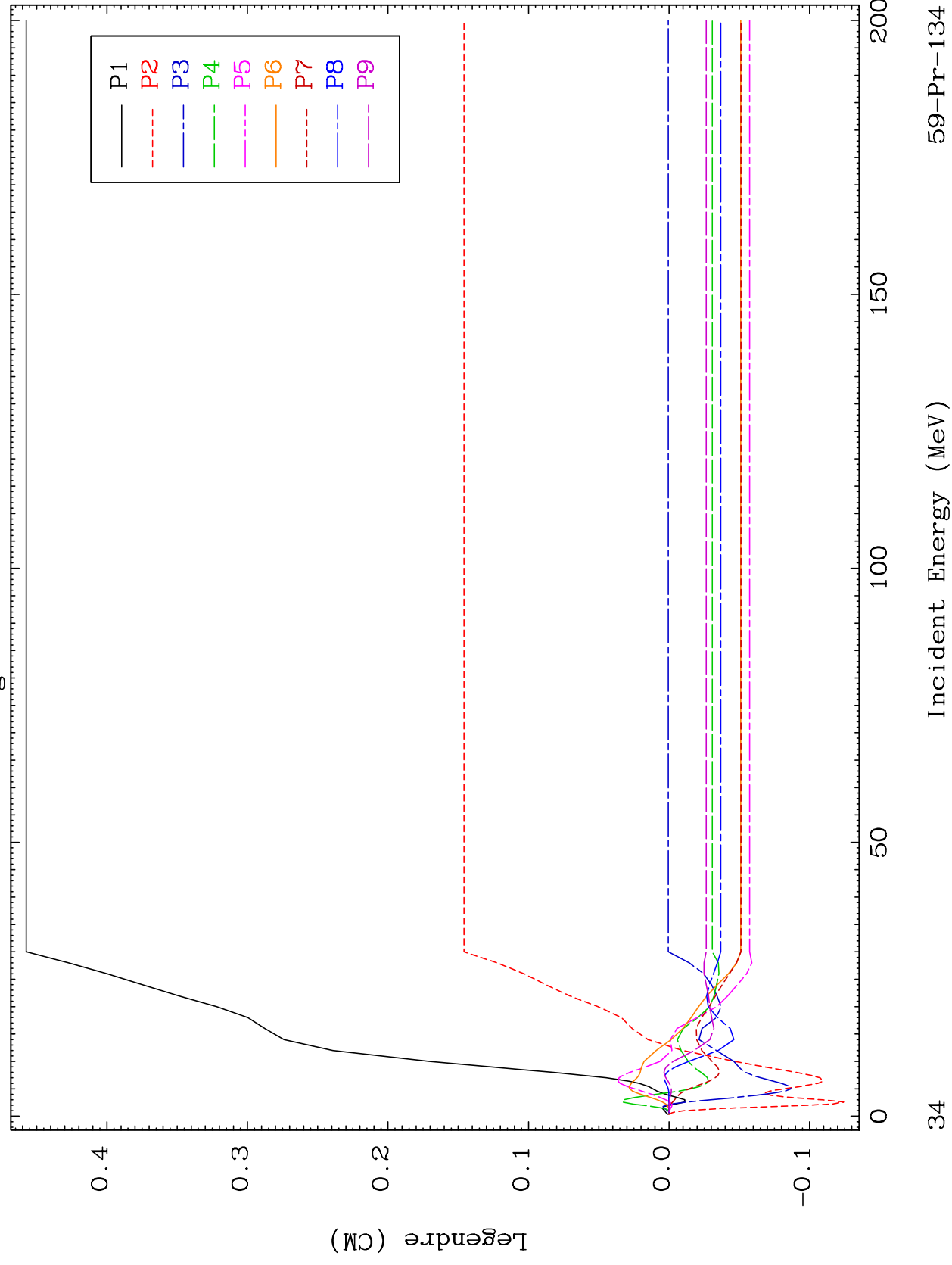




MAT 5904

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

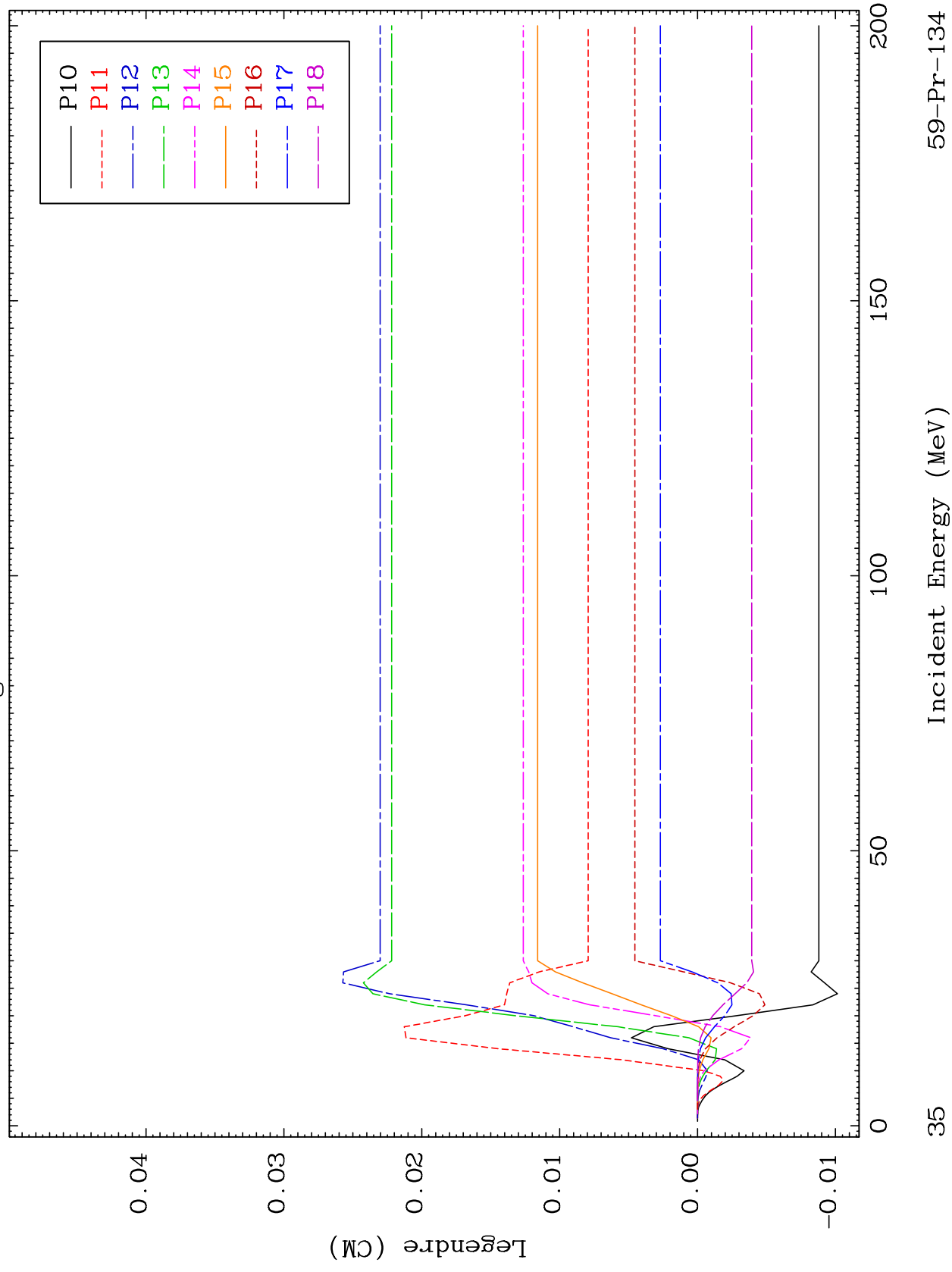
59-Pr-134

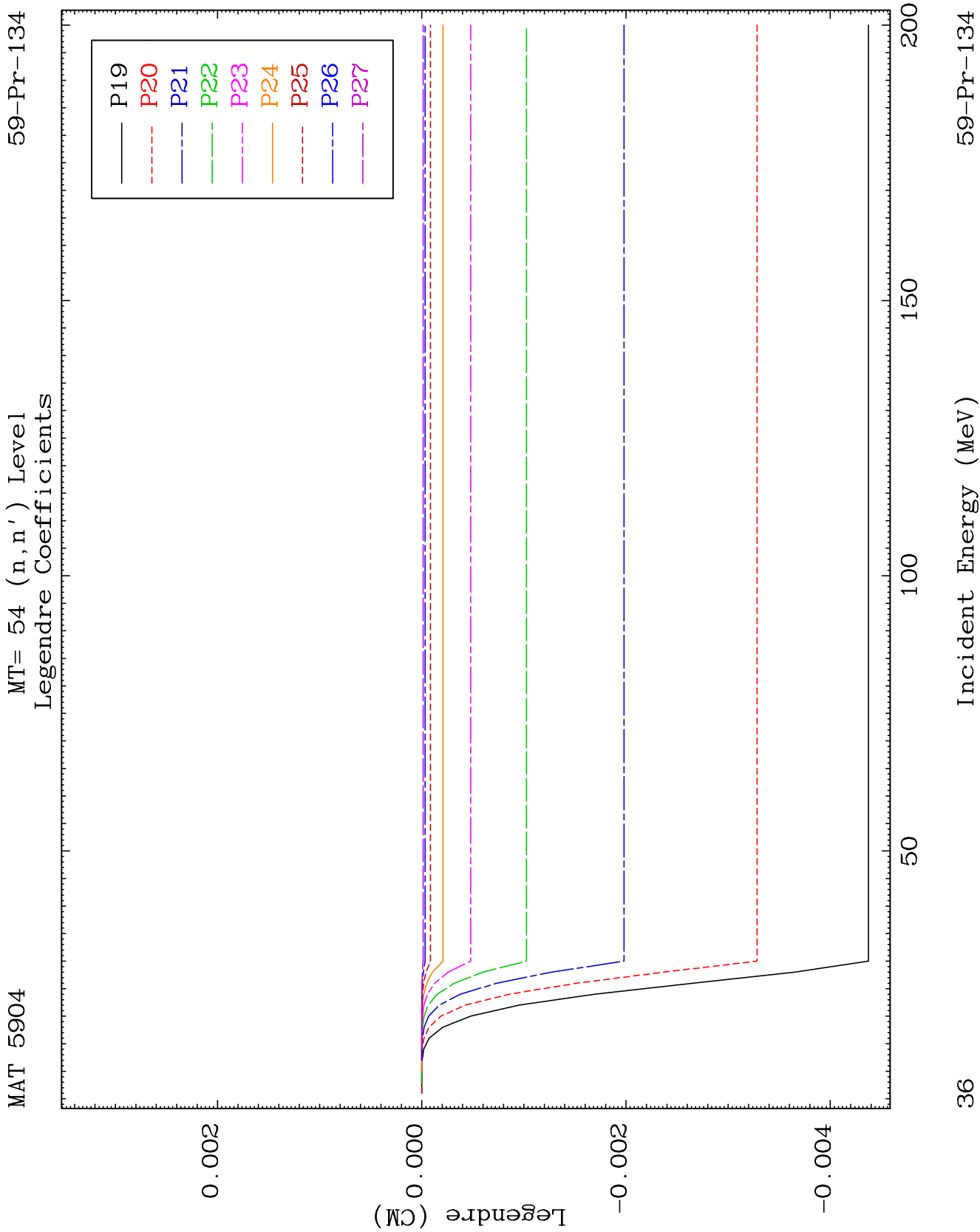


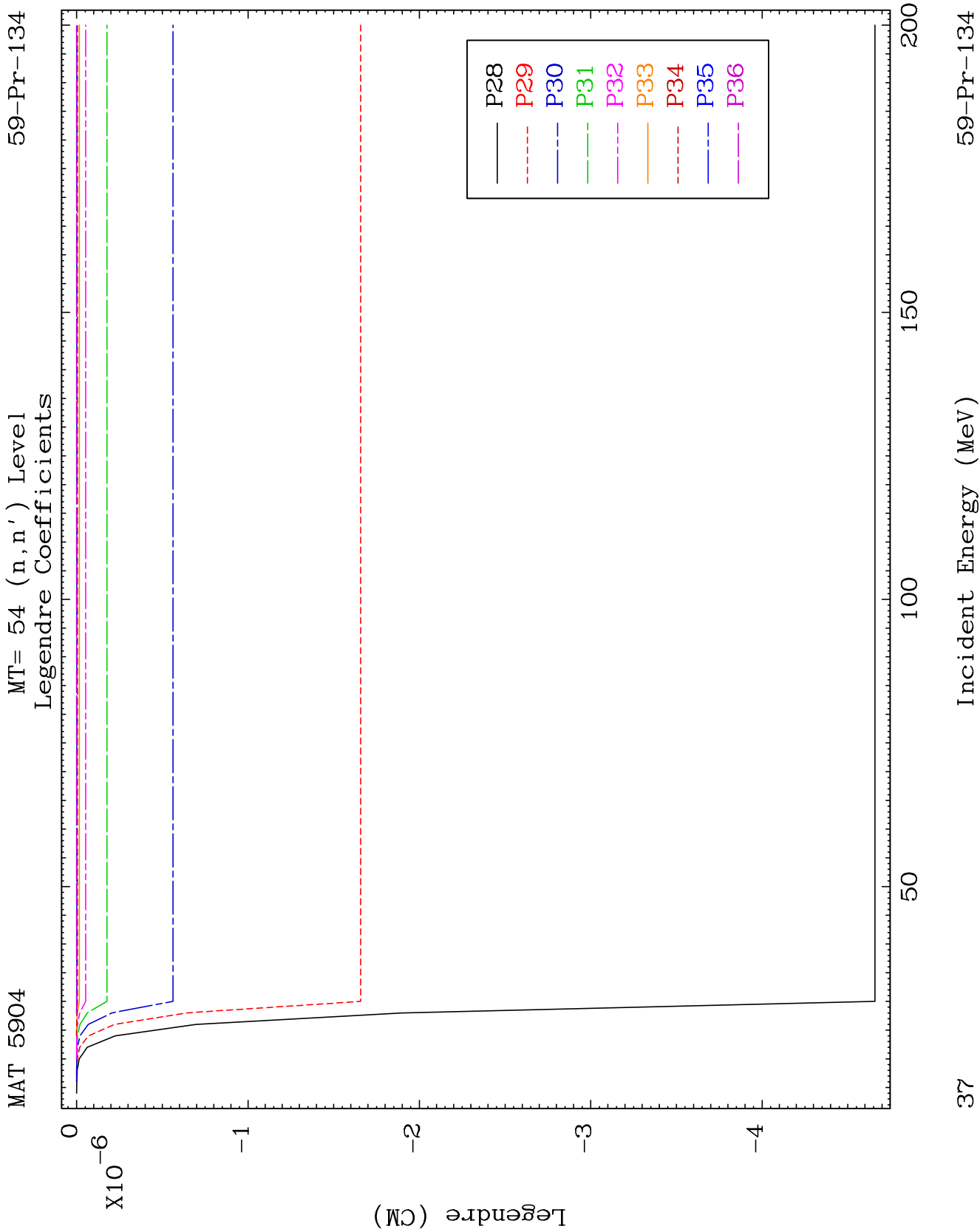
MAT 5904

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

59-Pr-134



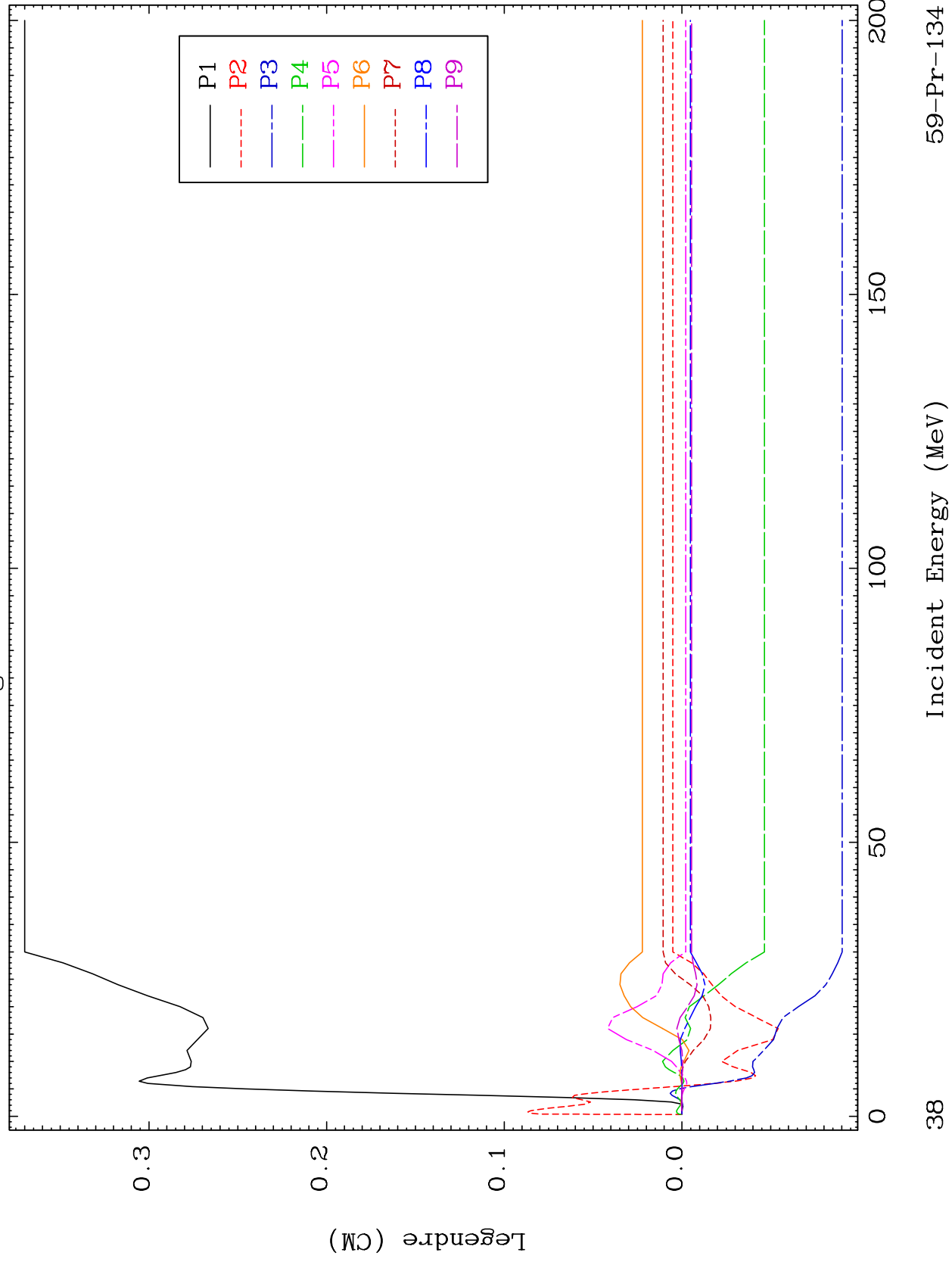




MAT 5904

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

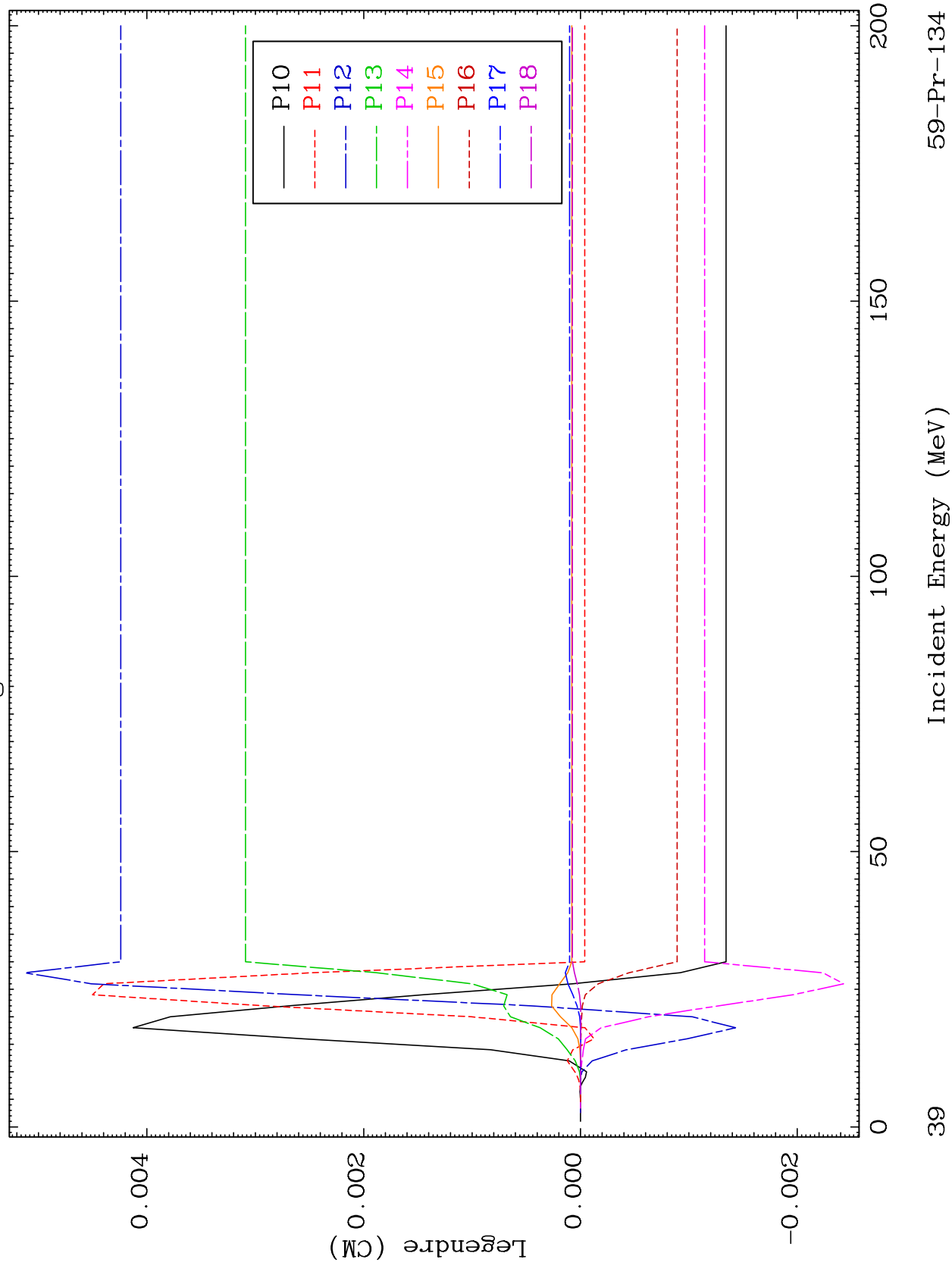
59-Pr-134

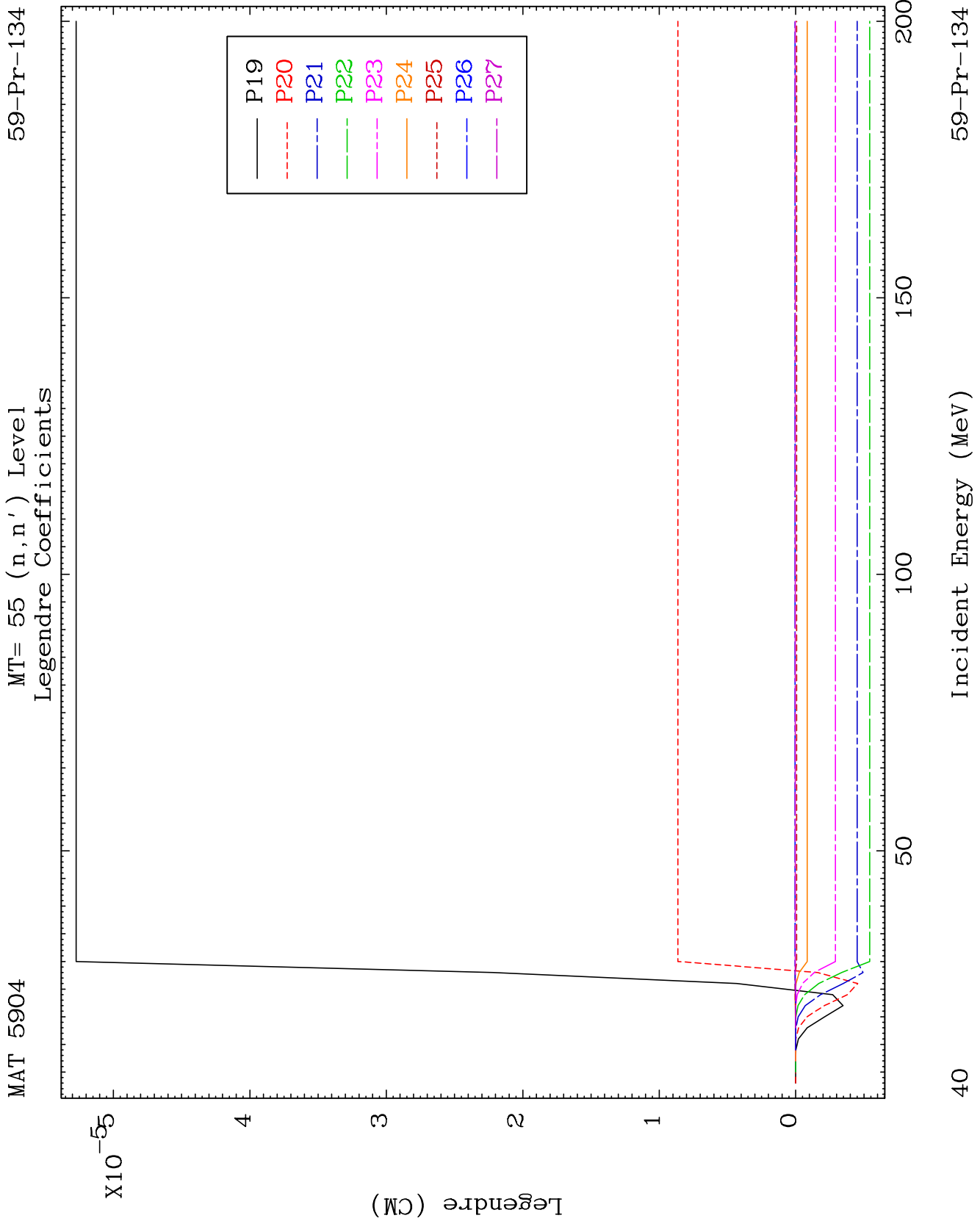


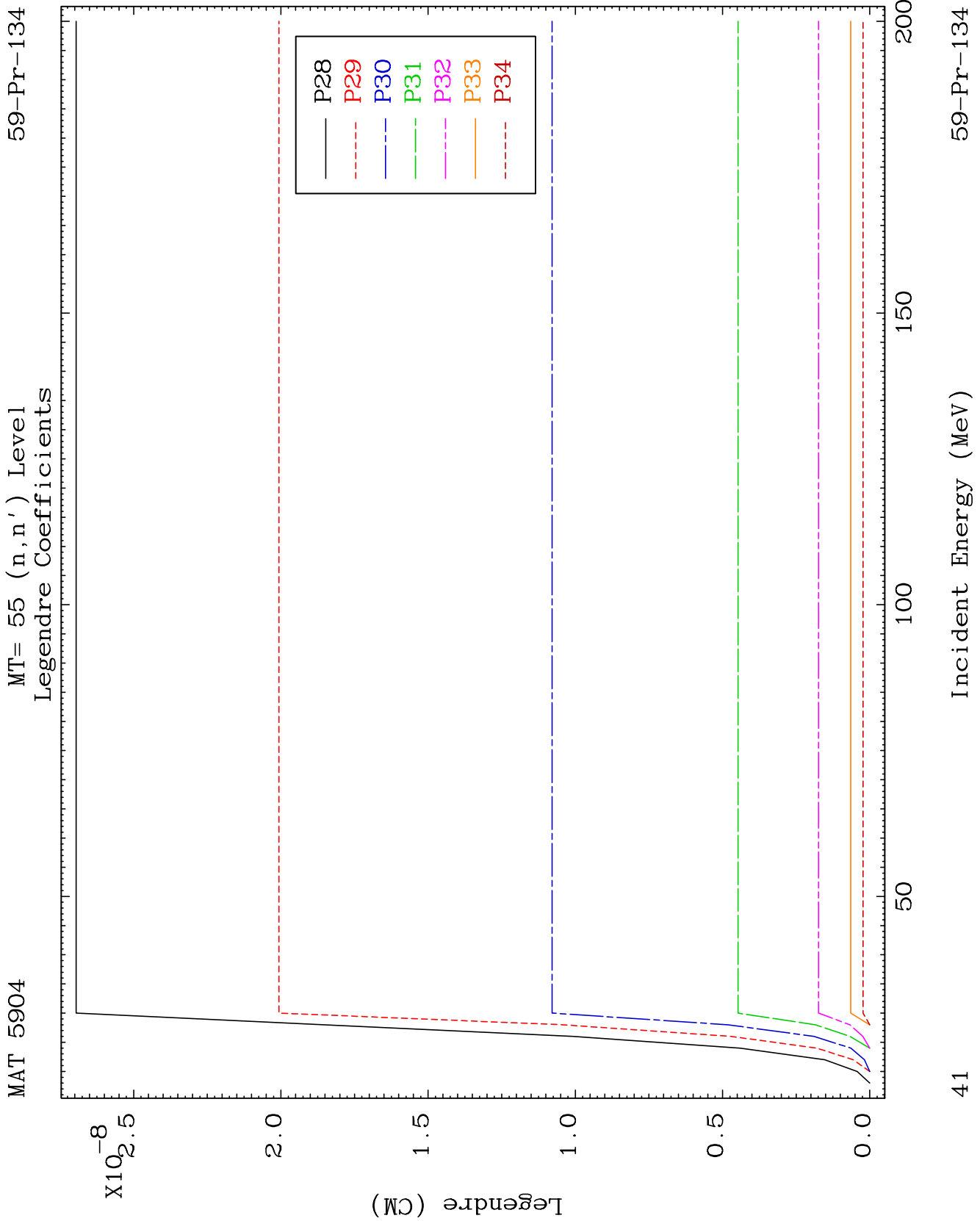
MAT 5904

59-Pr-134

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



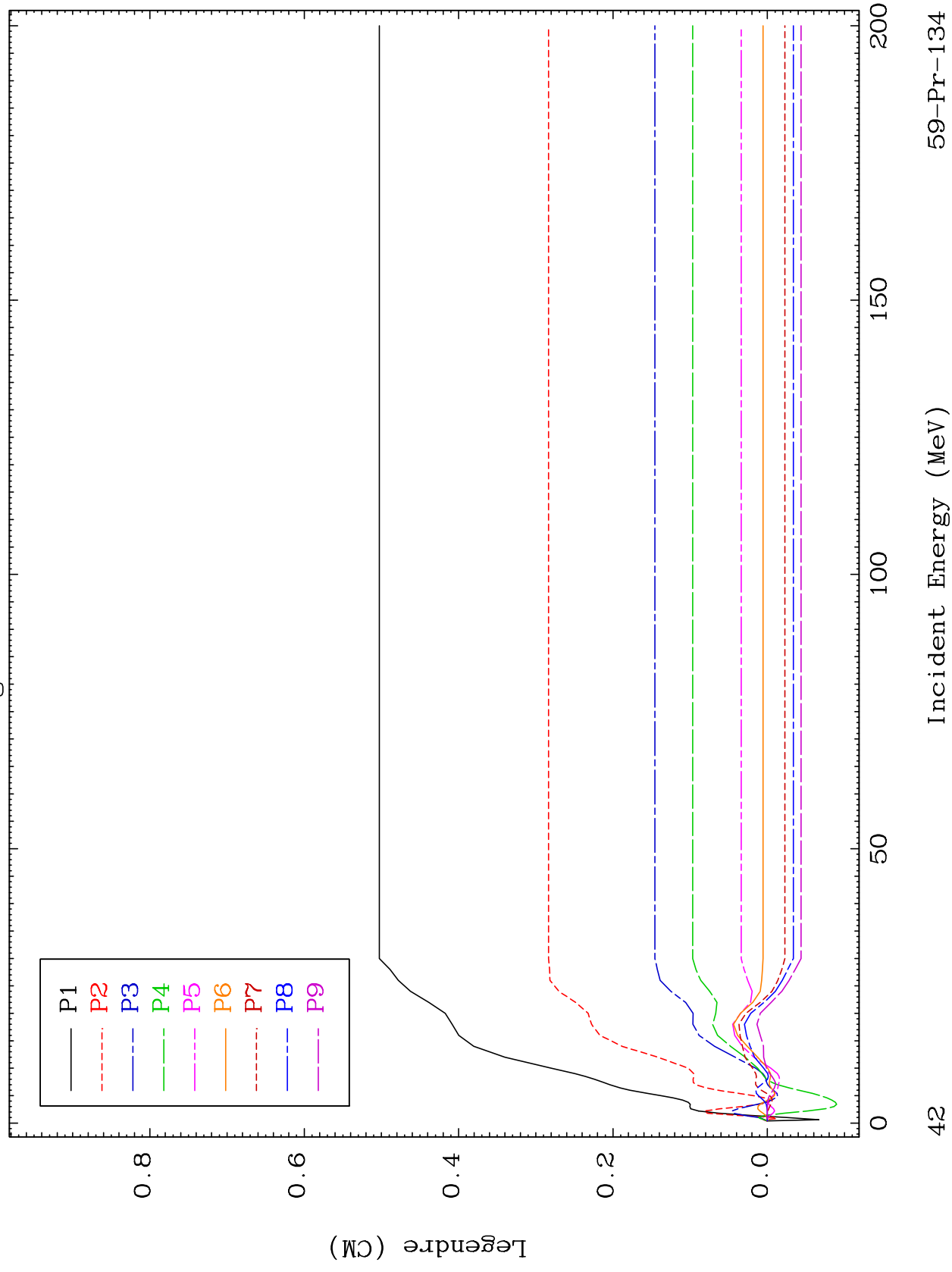




MAT 5904

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

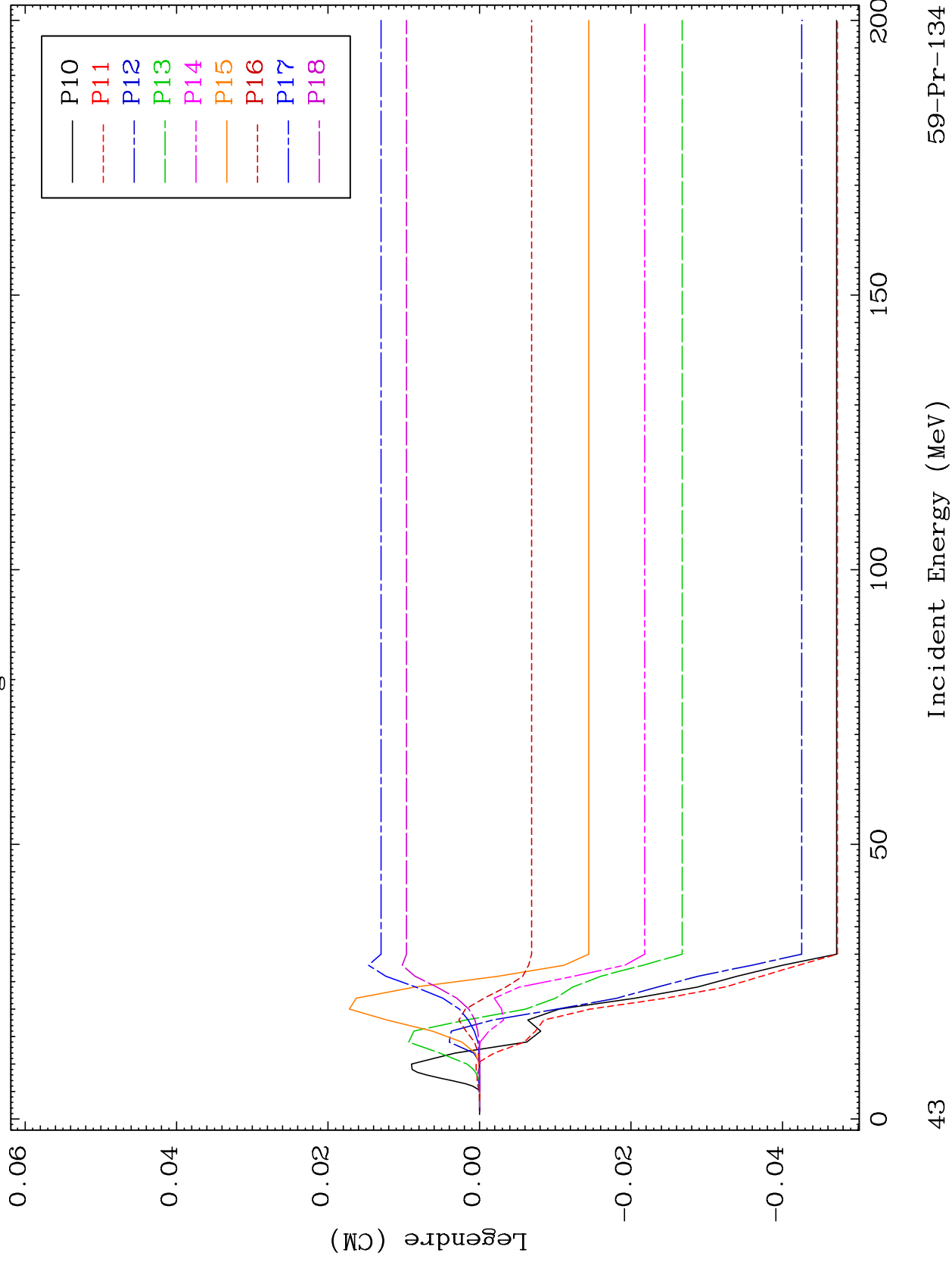
59-Pr-134



MAT 5904

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

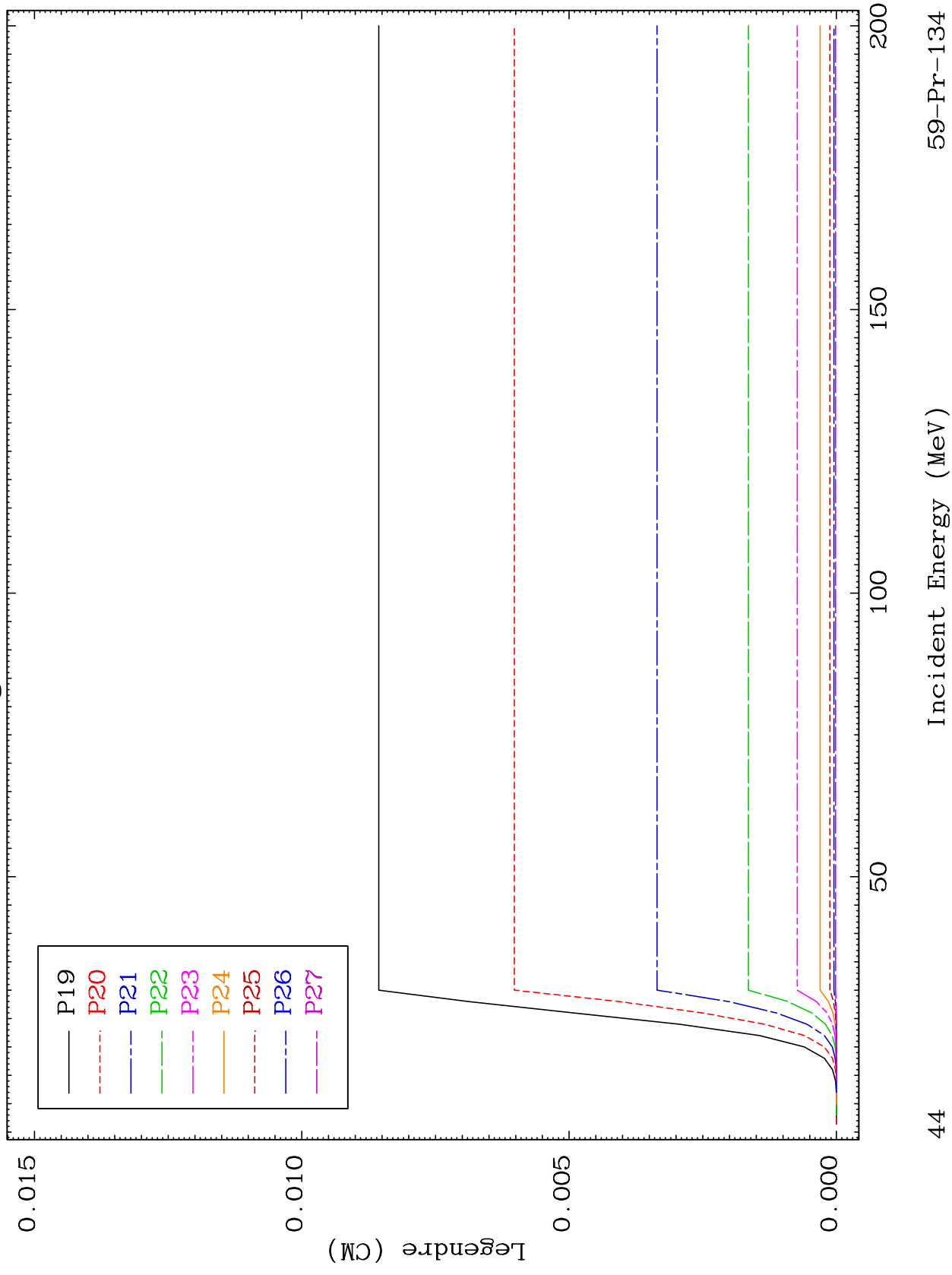
59-Pr-134

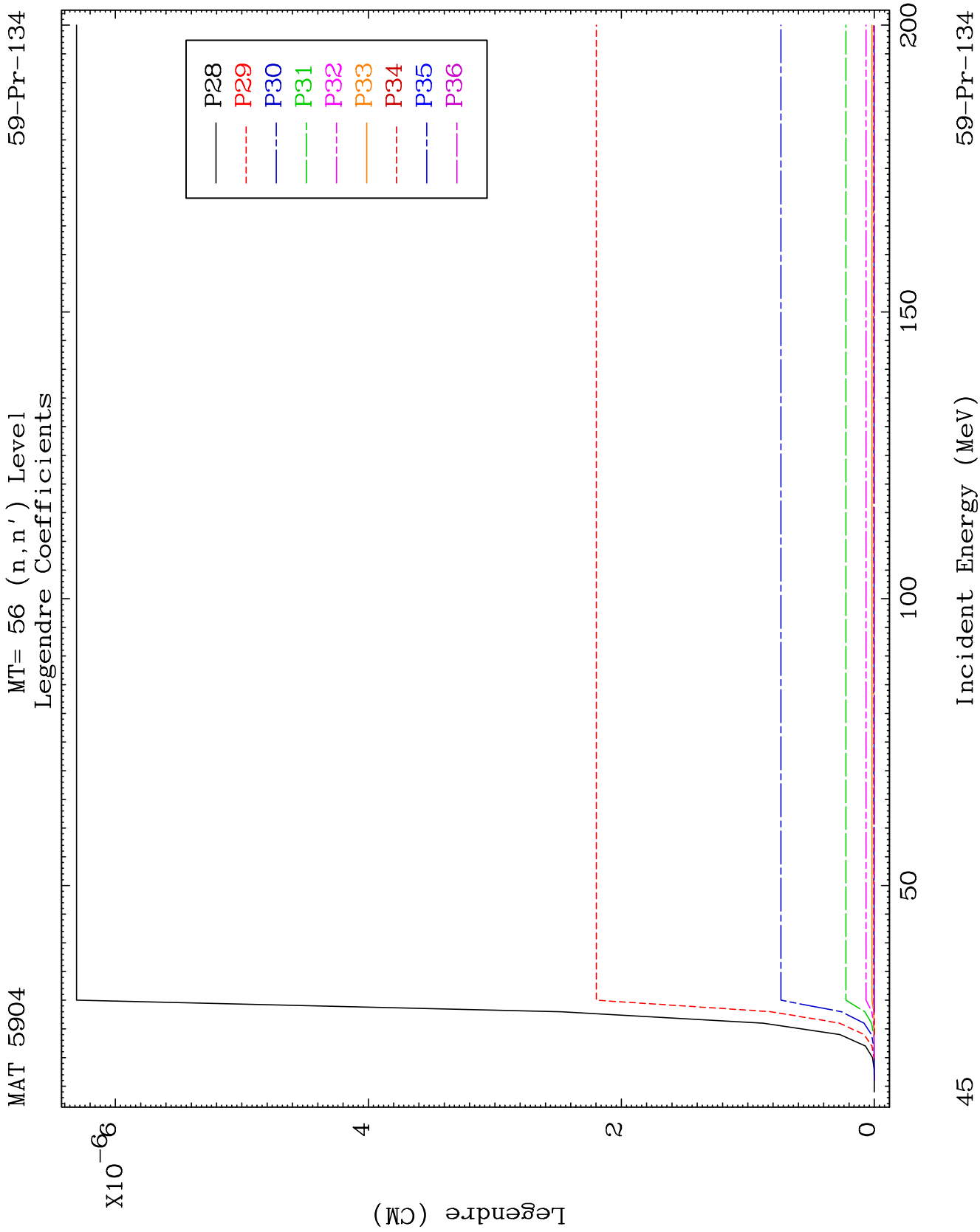


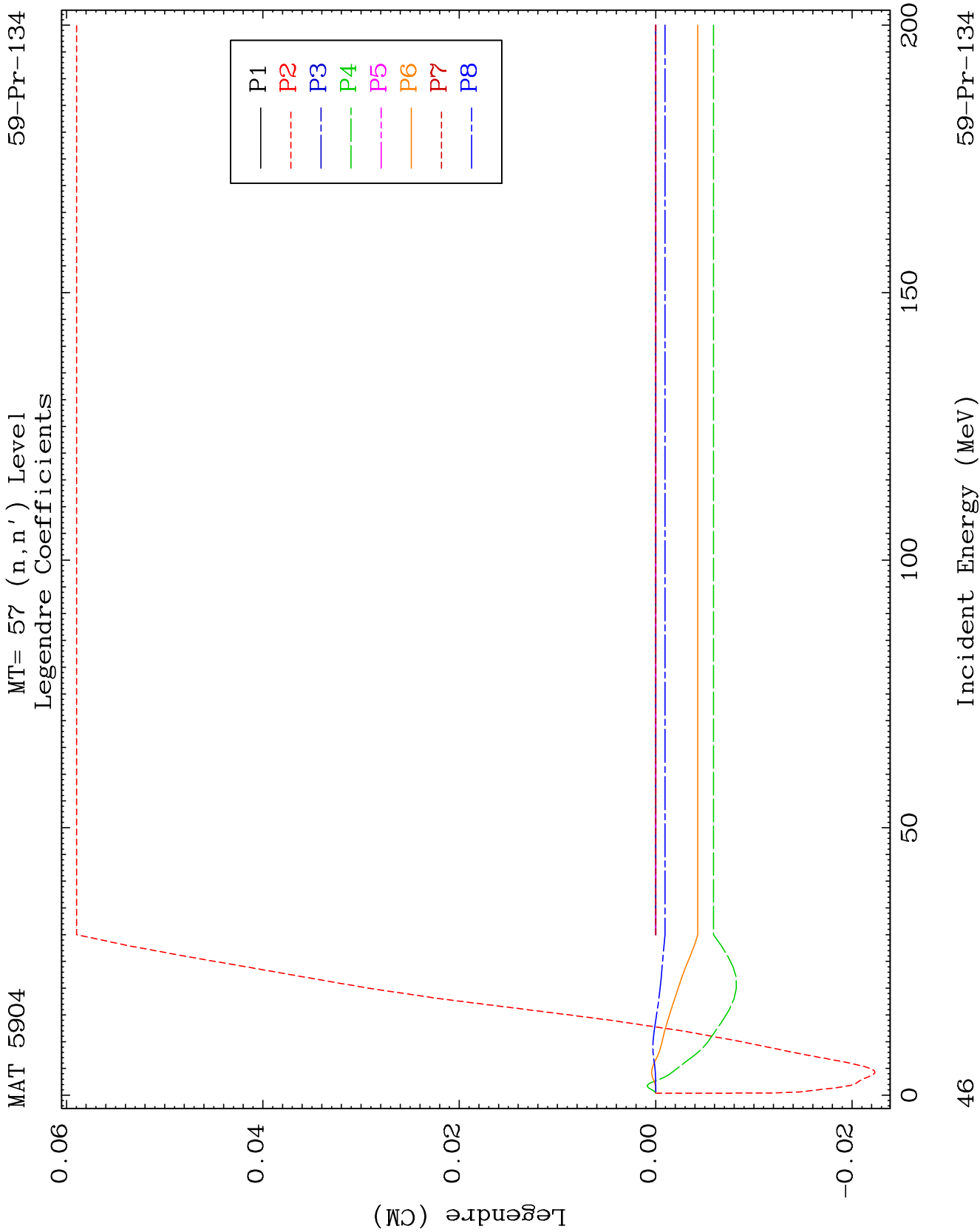
MAT 5904

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

59-Pr-134



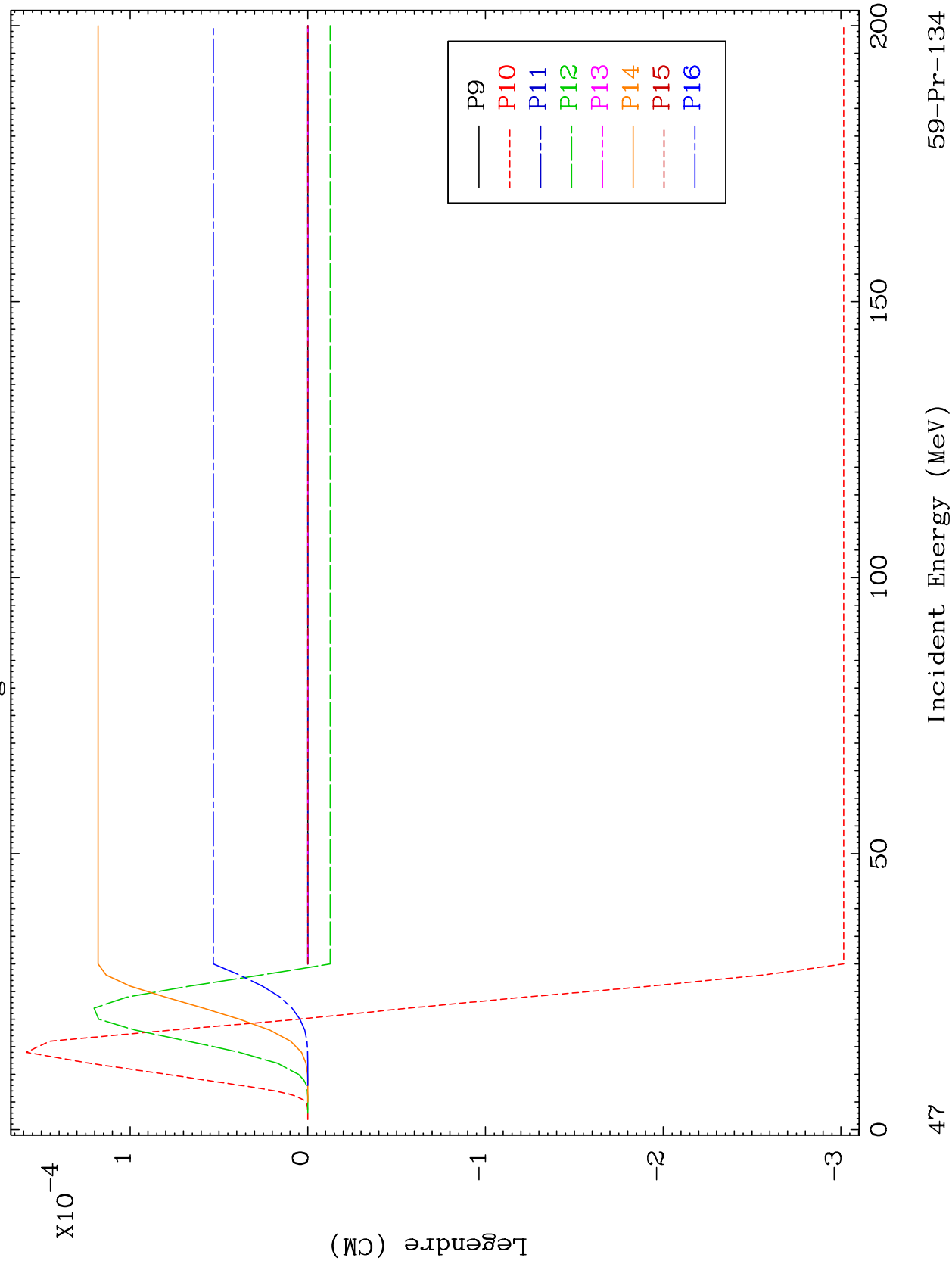




MAT 5904

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

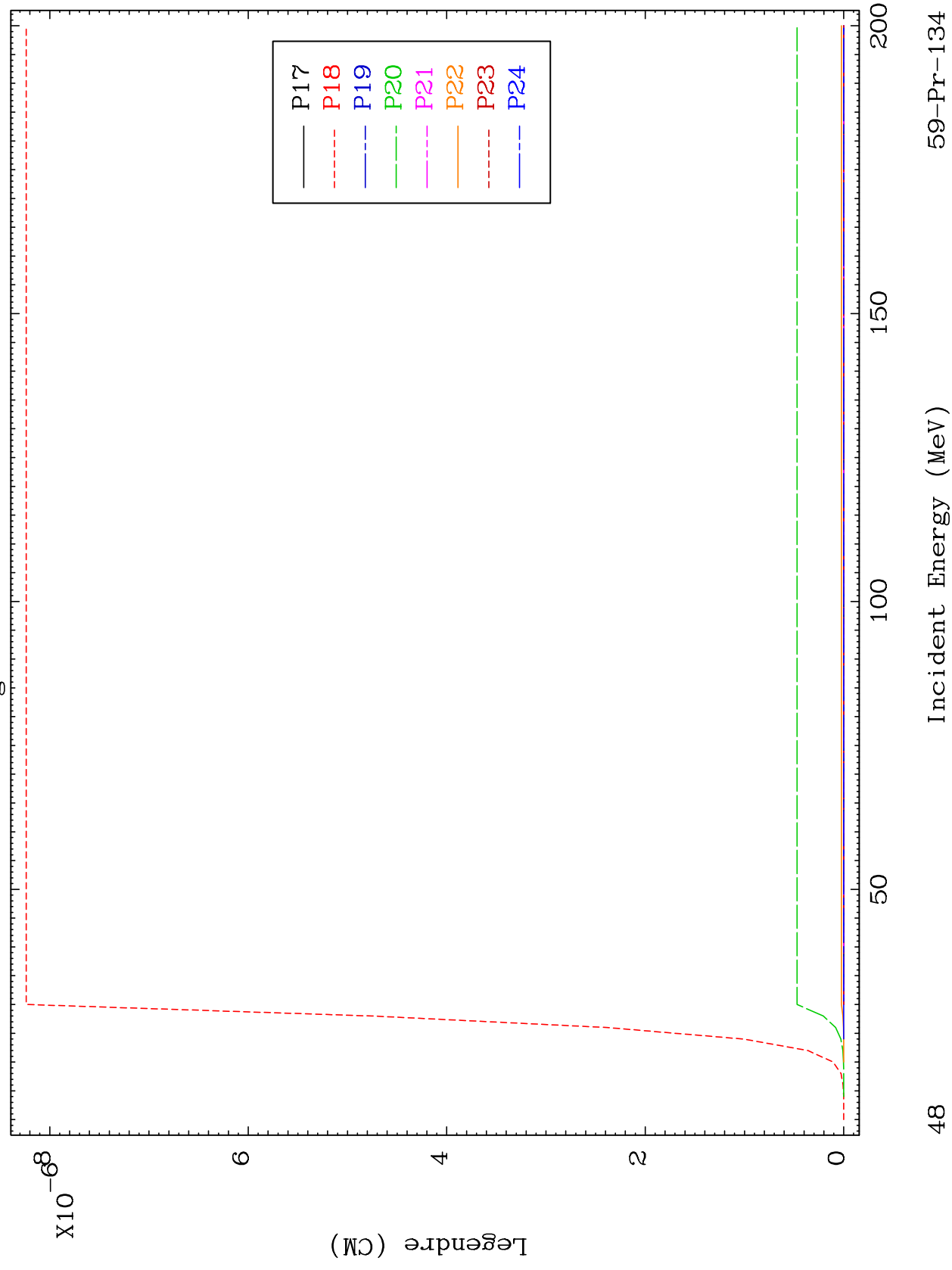
59-Pr-134

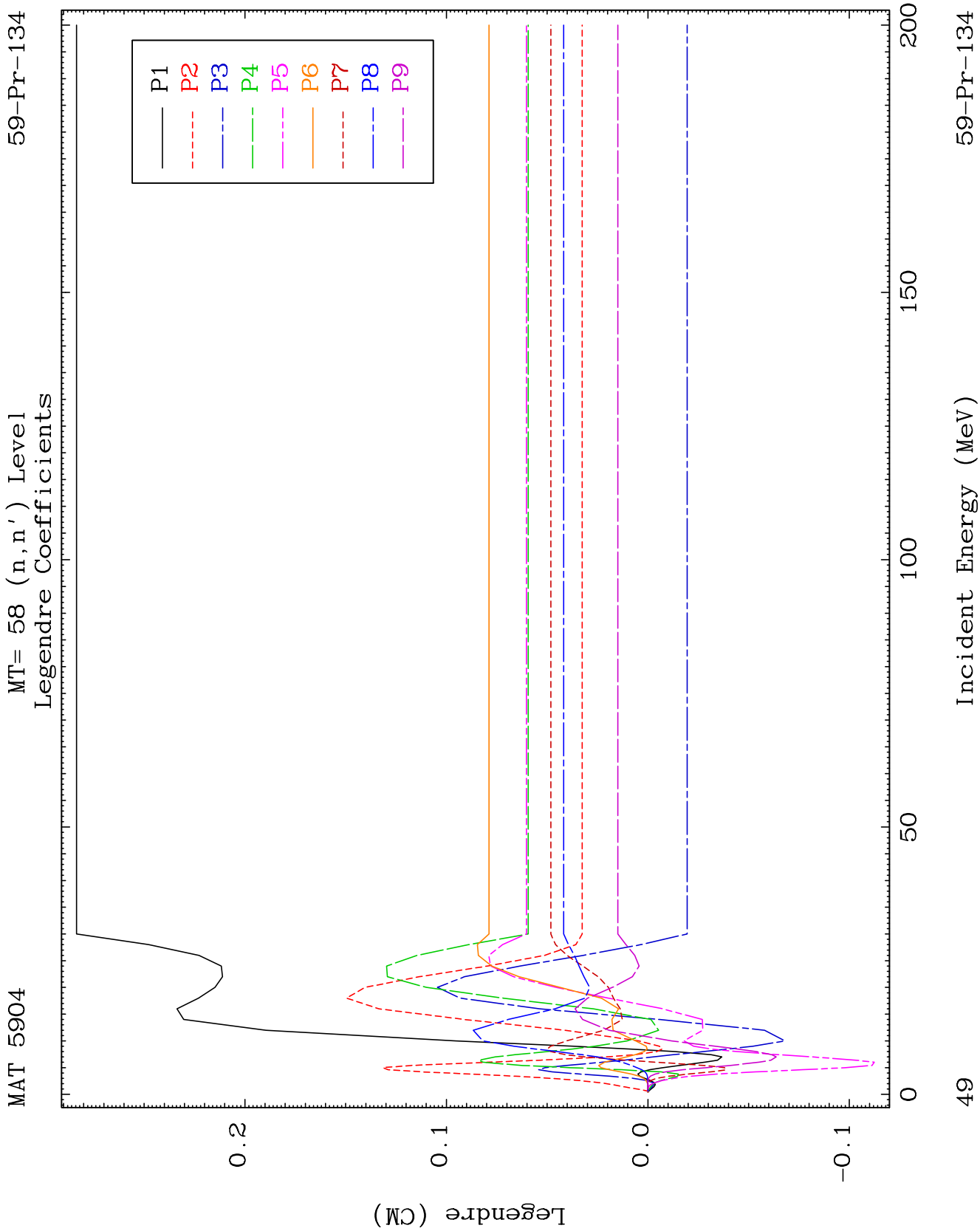


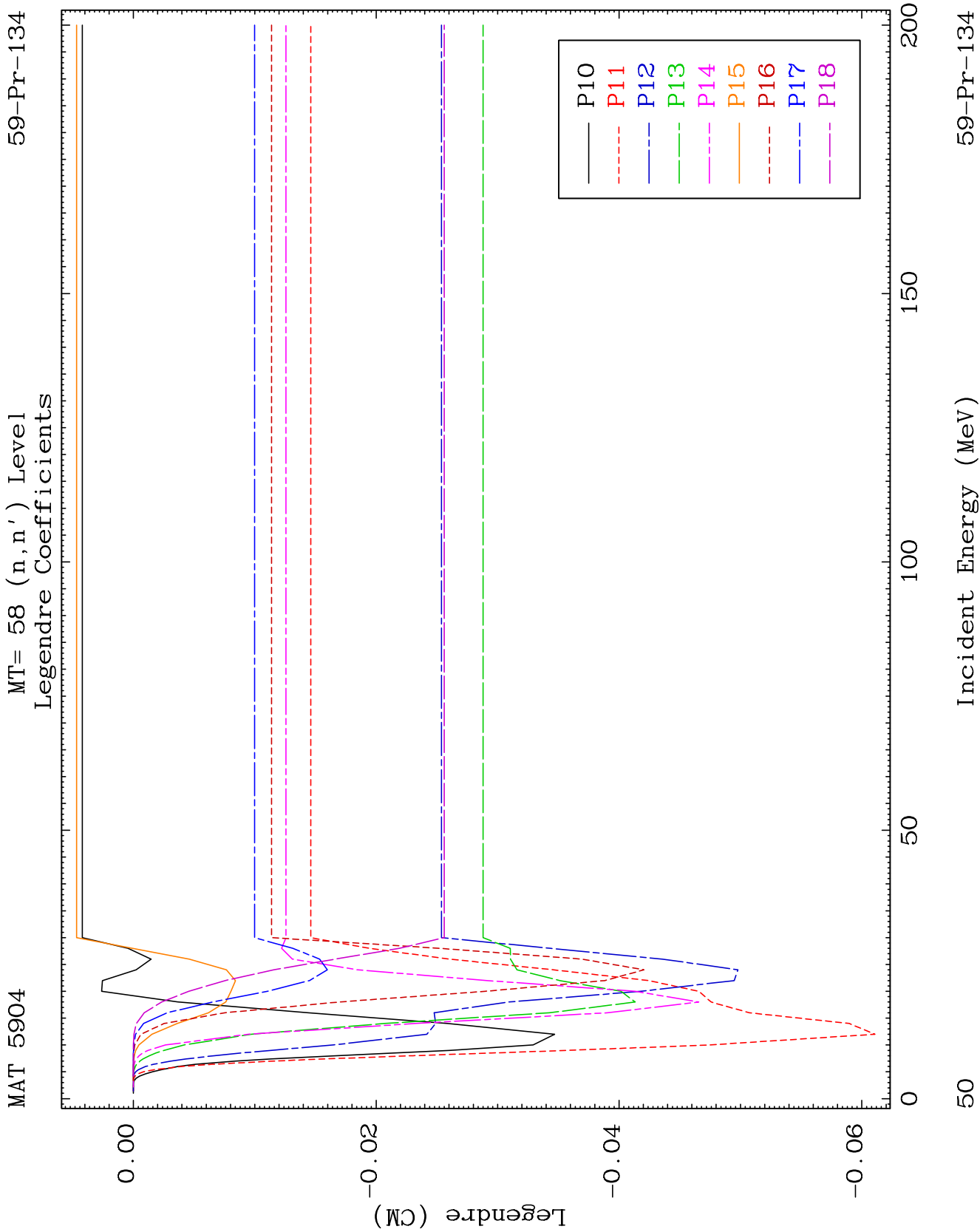
MAT 5904

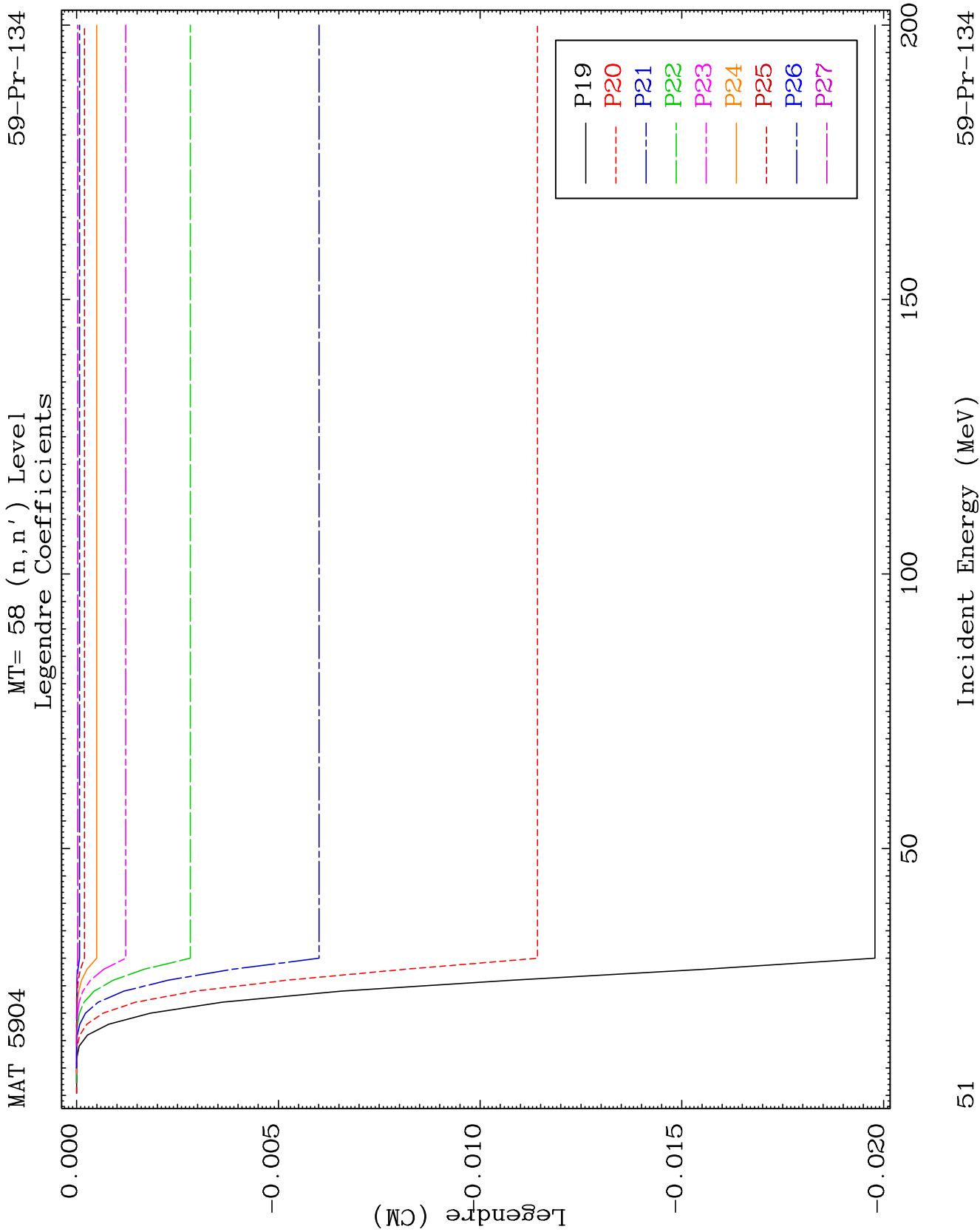
MT= 57 (n, n') Level
Legendre Coefficients

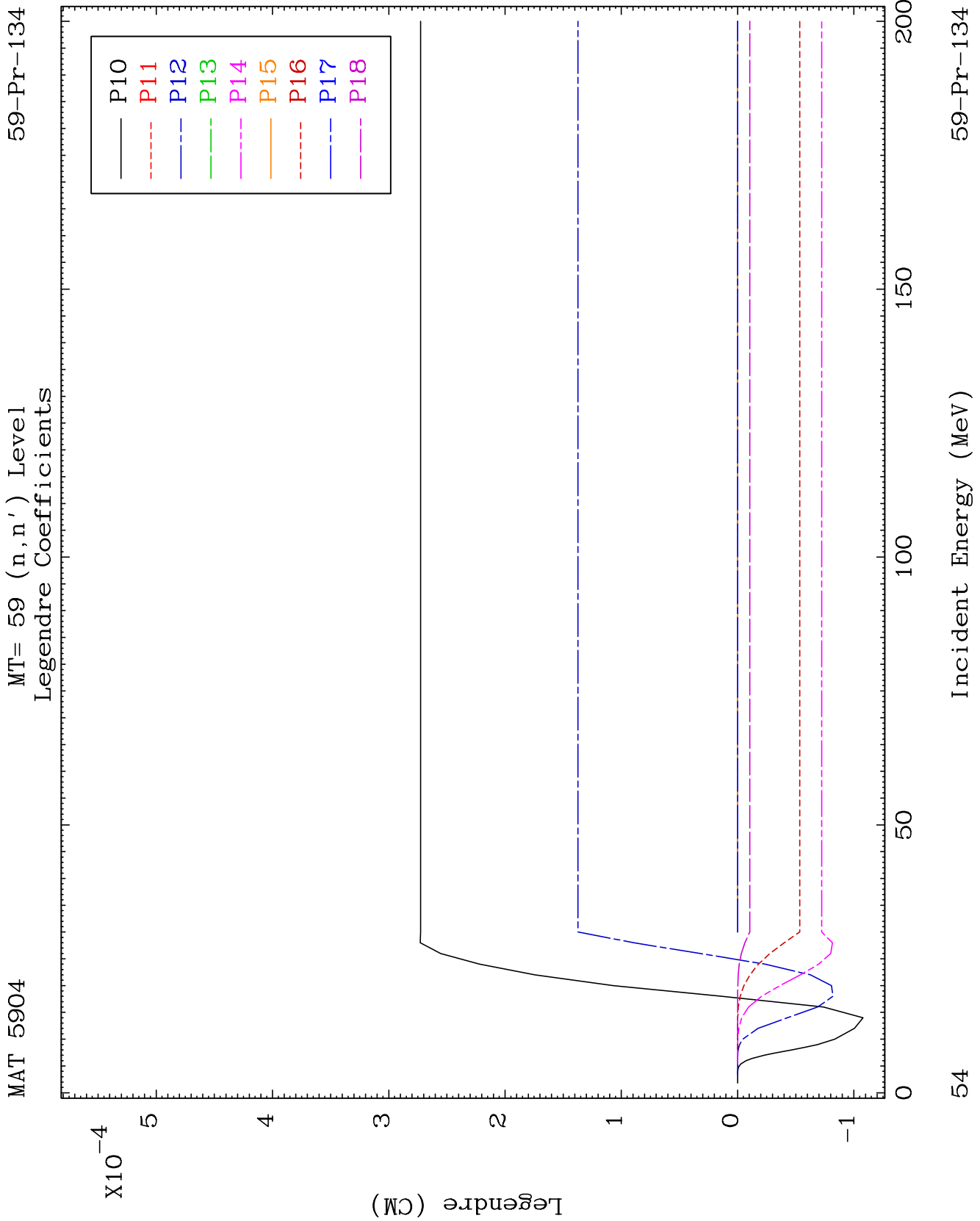
59-Pr-134







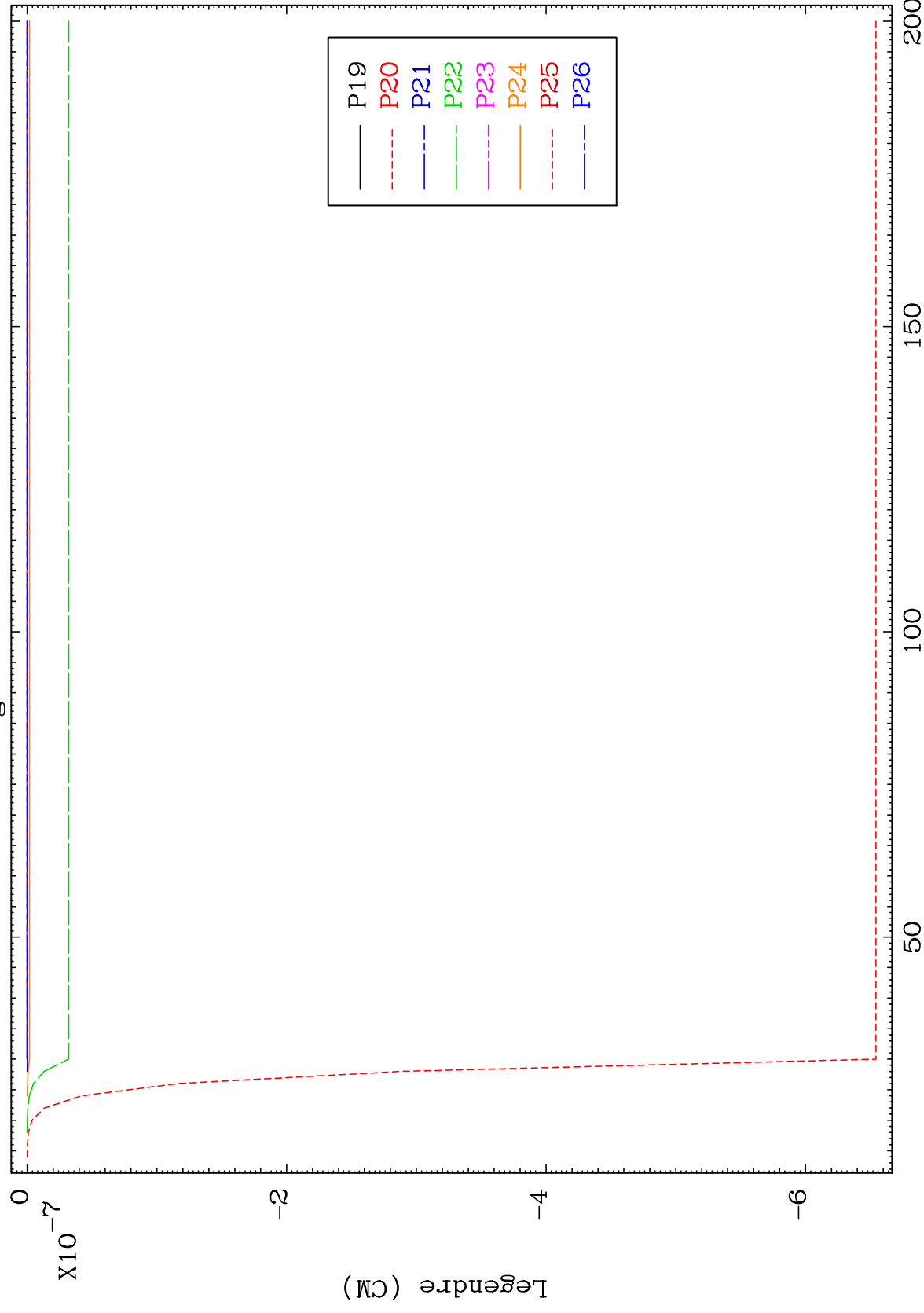




MAT 5904

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

59-Pr-134



55

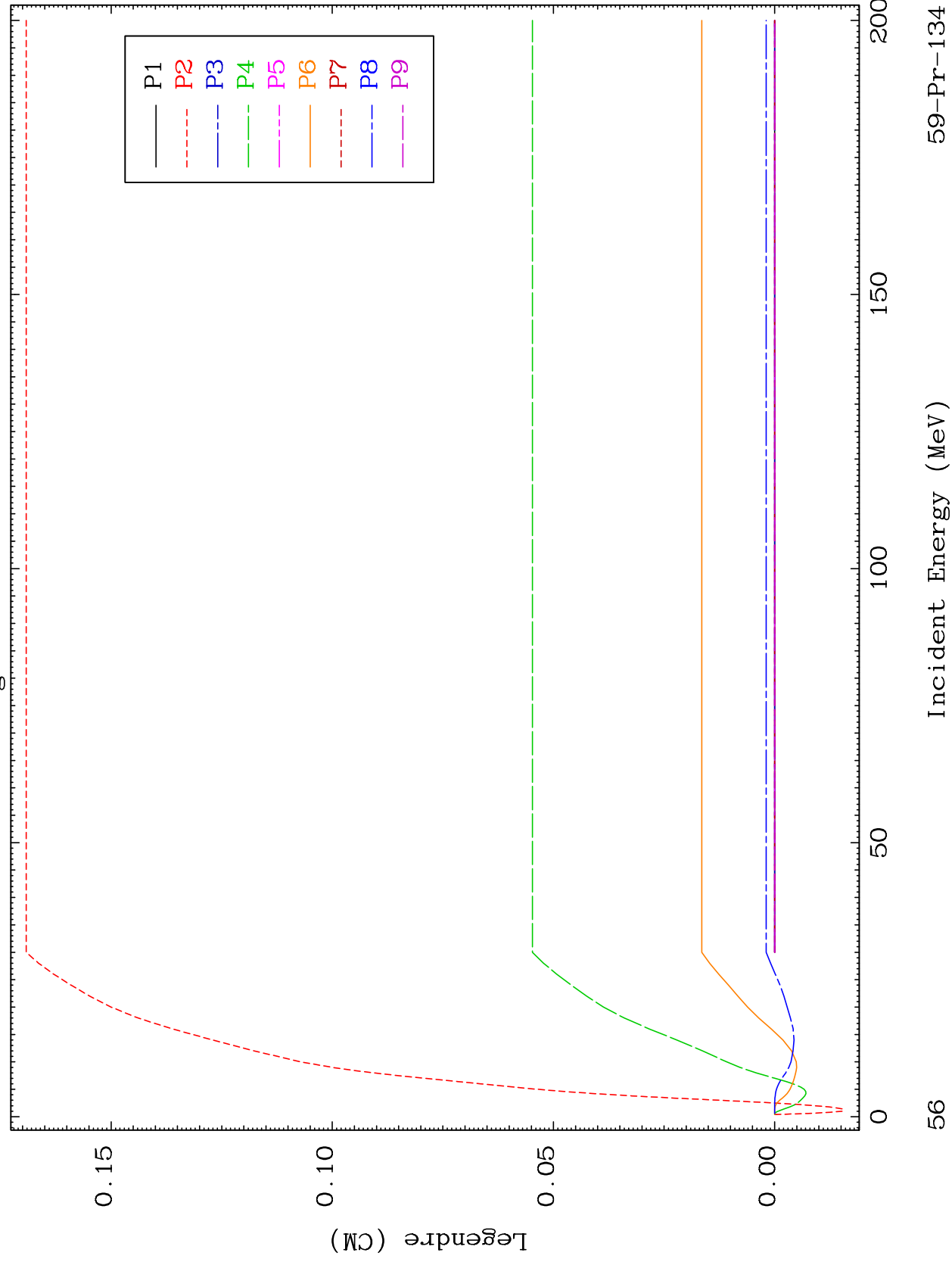
Incident Energy (MeV)

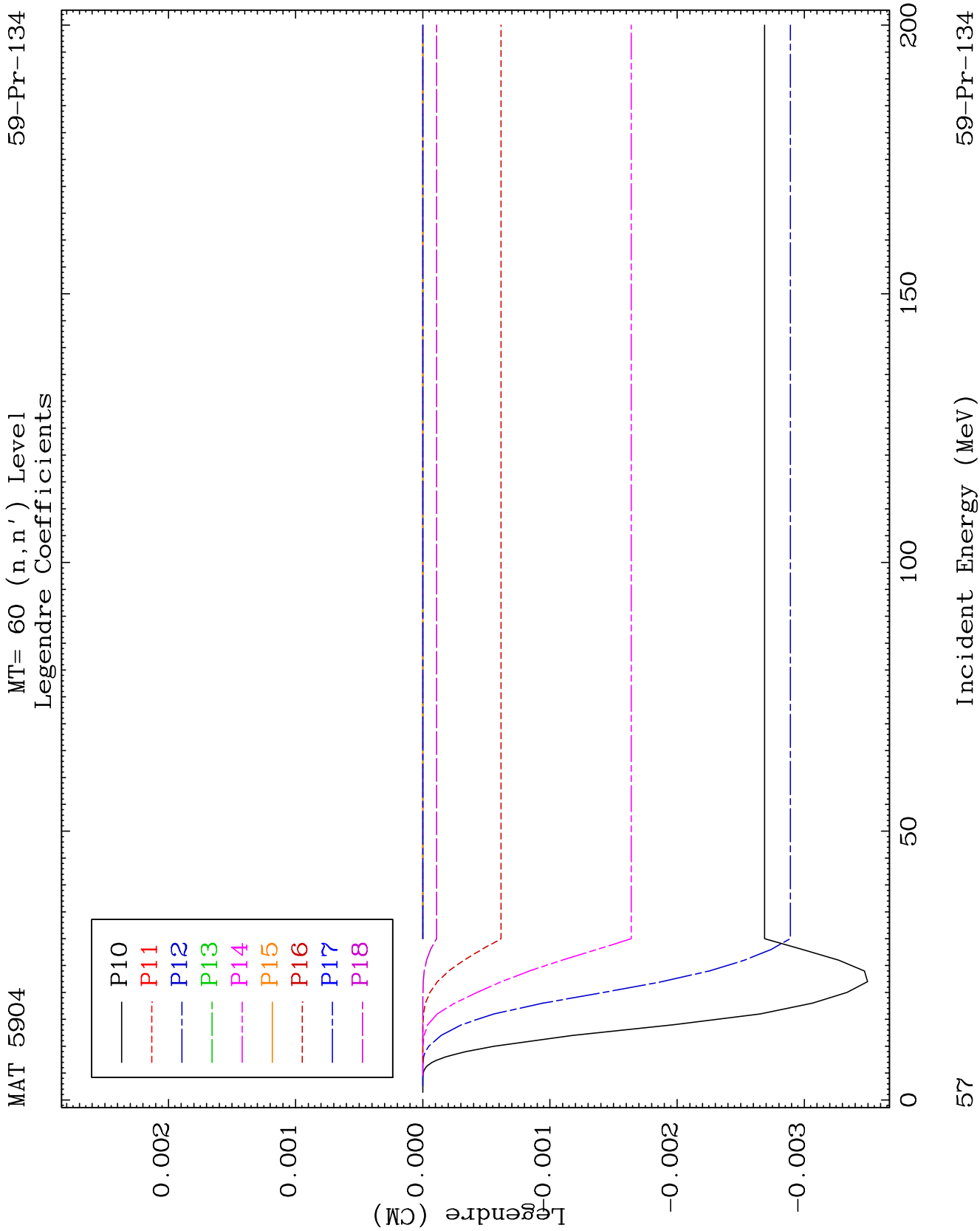
59-Pr-134

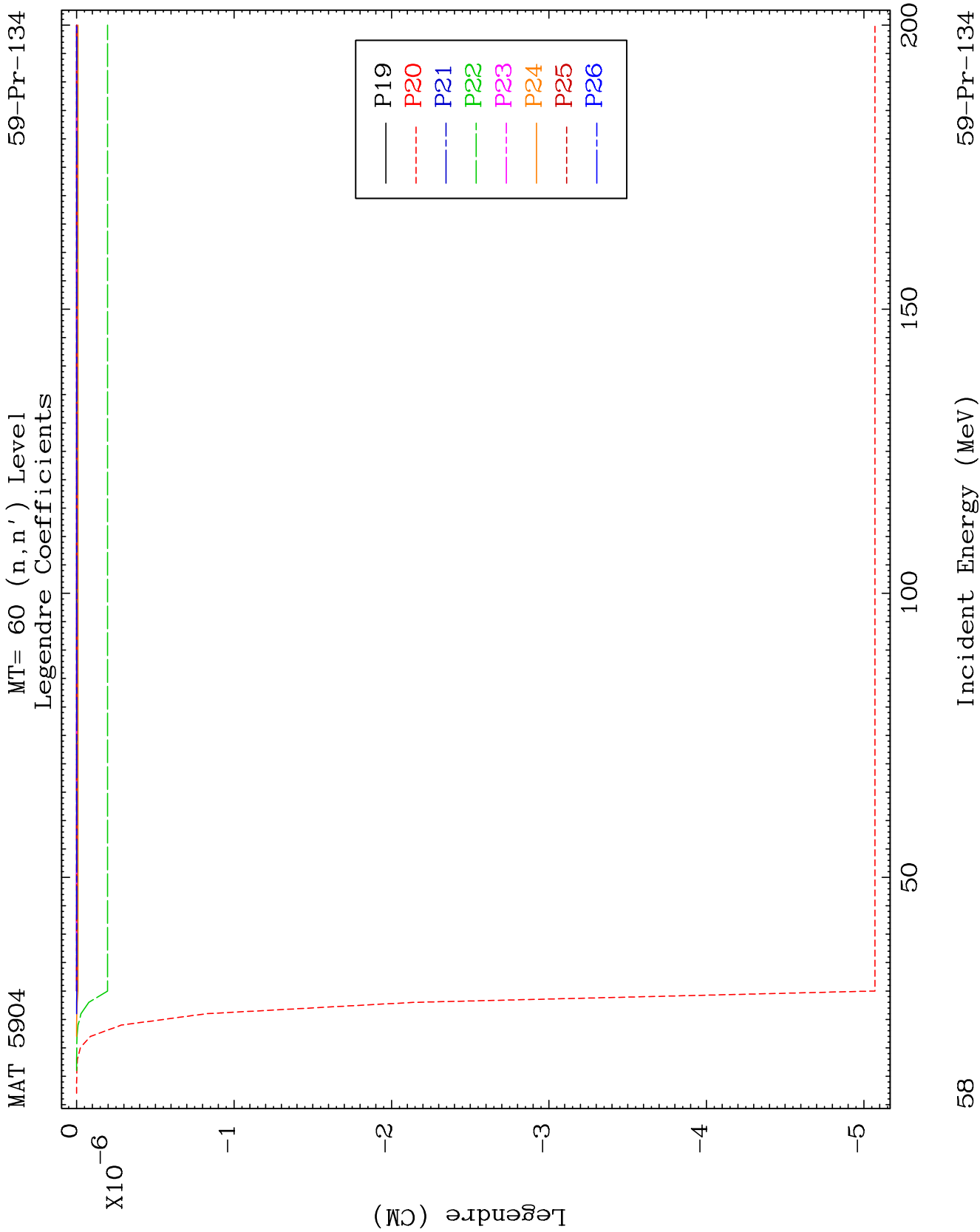
MAT 5904

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

59-Pr-134



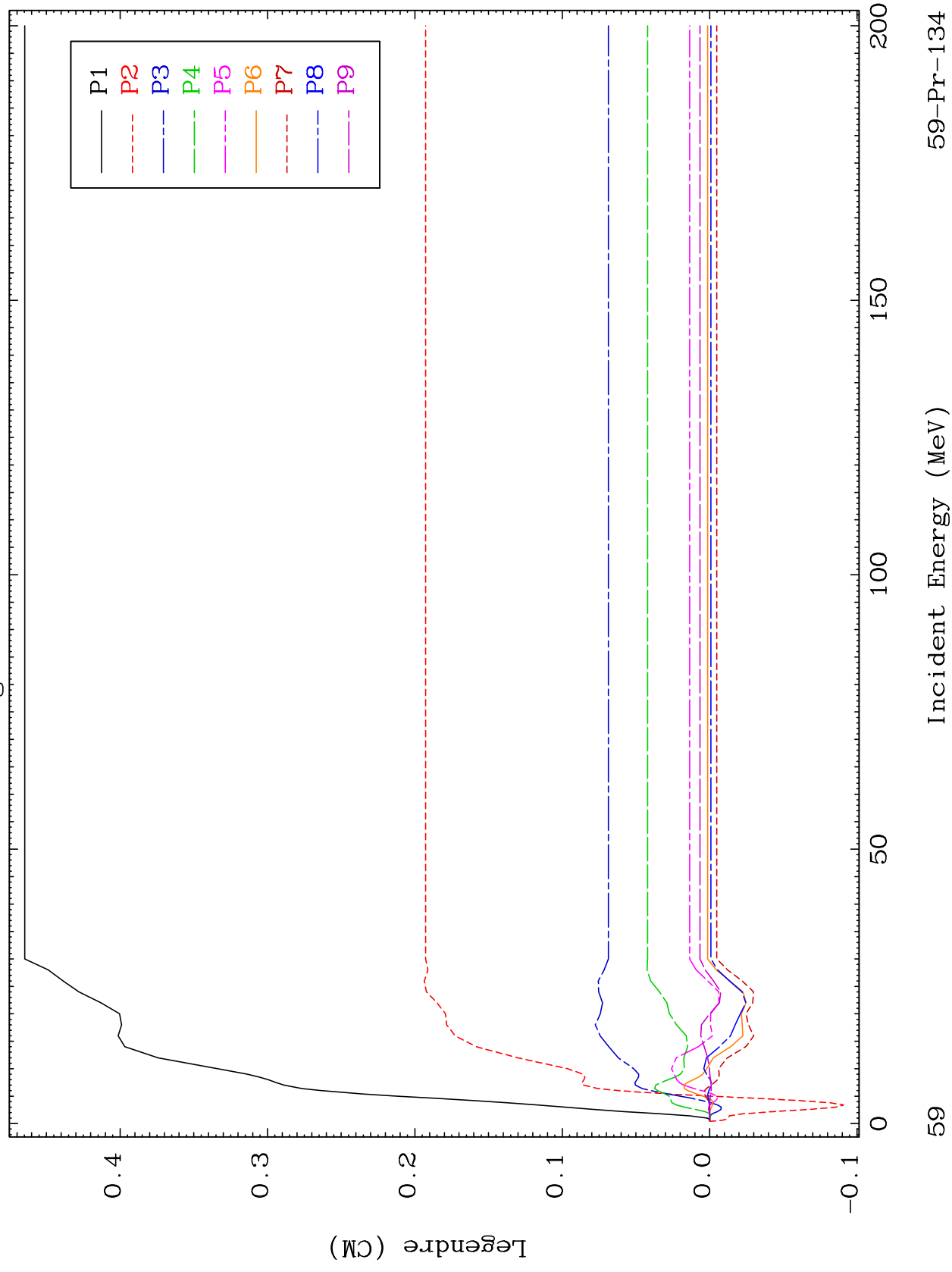




MAT 5904

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

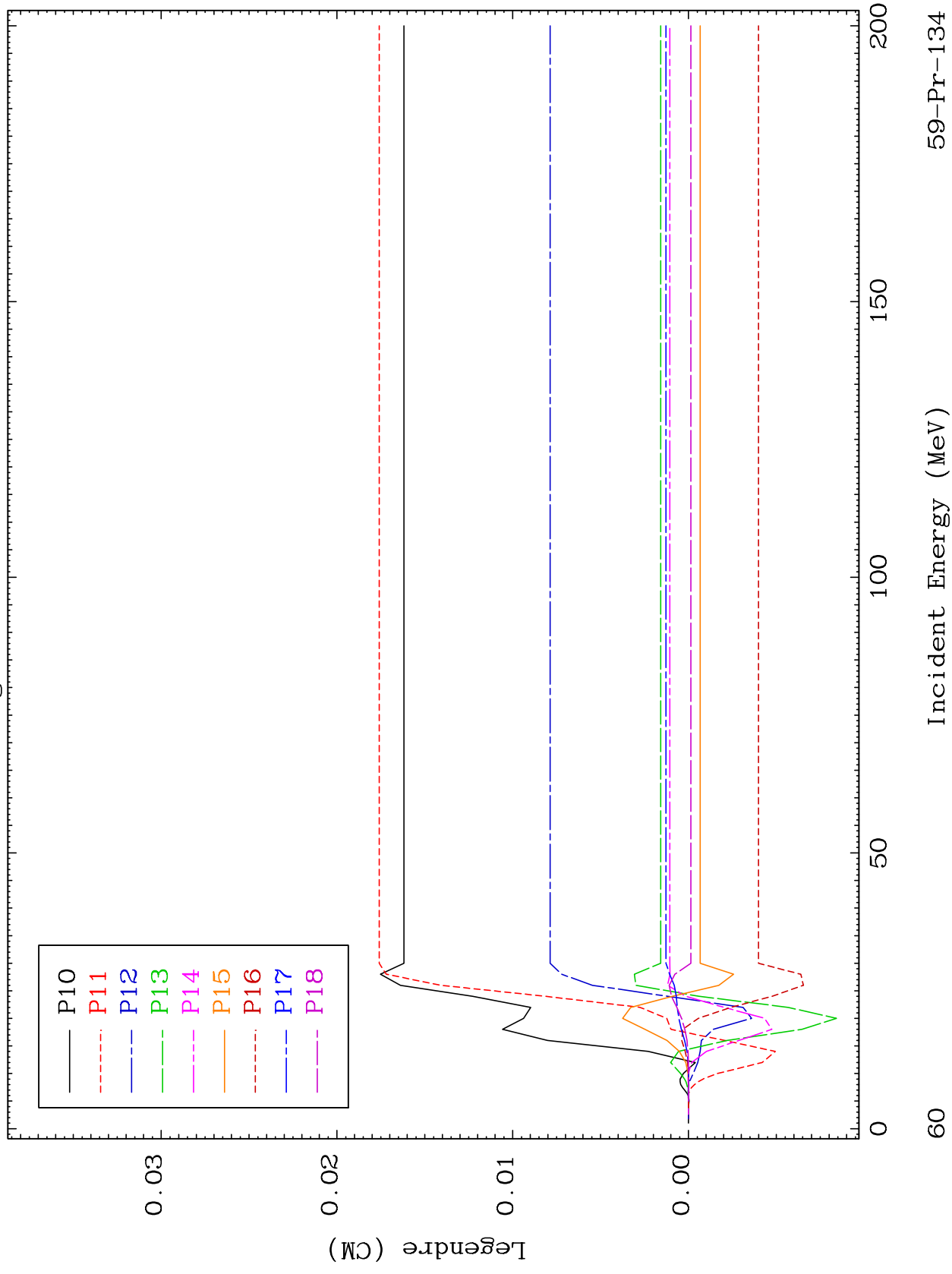
59-Pr-134

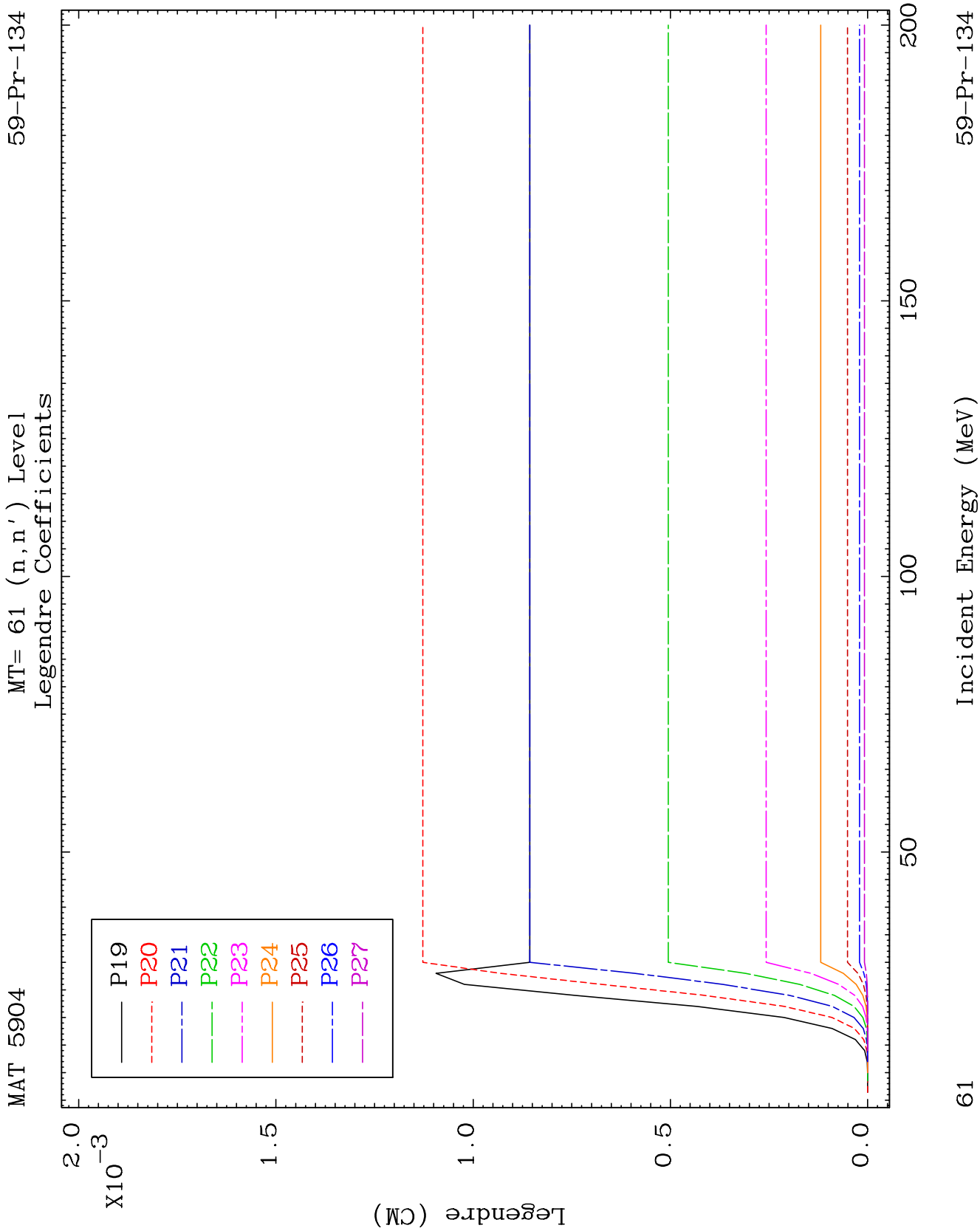


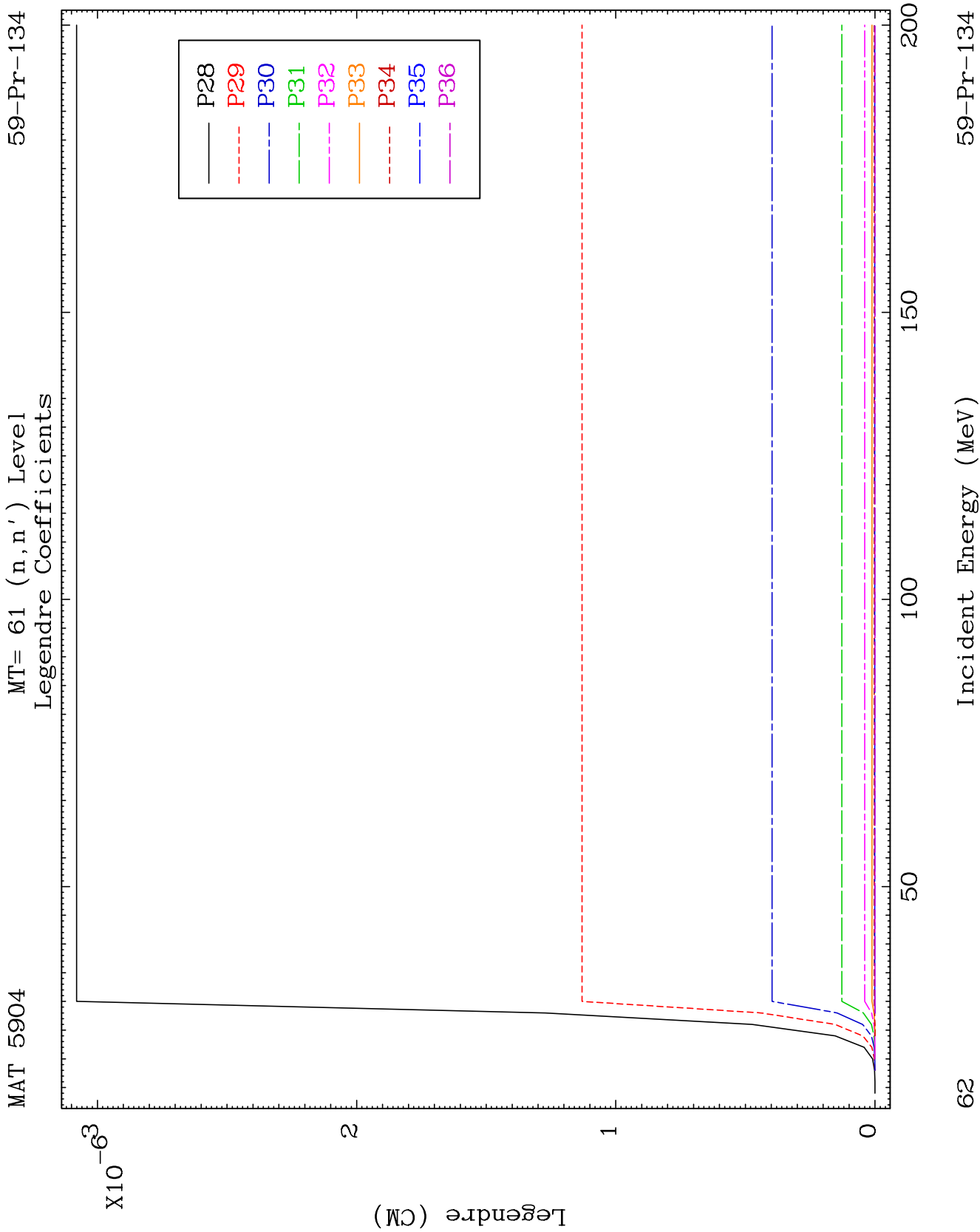
MAT 5904

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

59-Pr-134



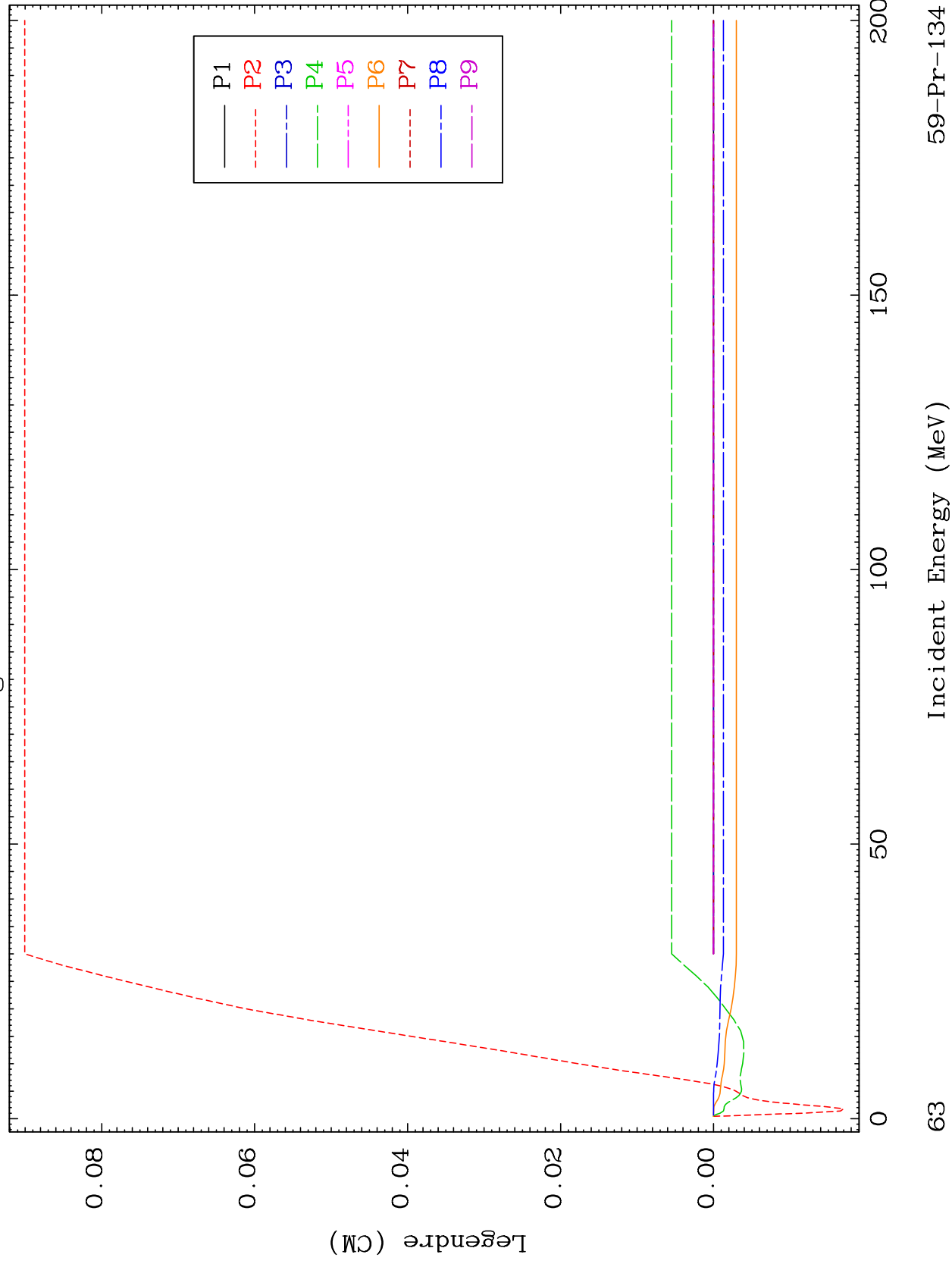


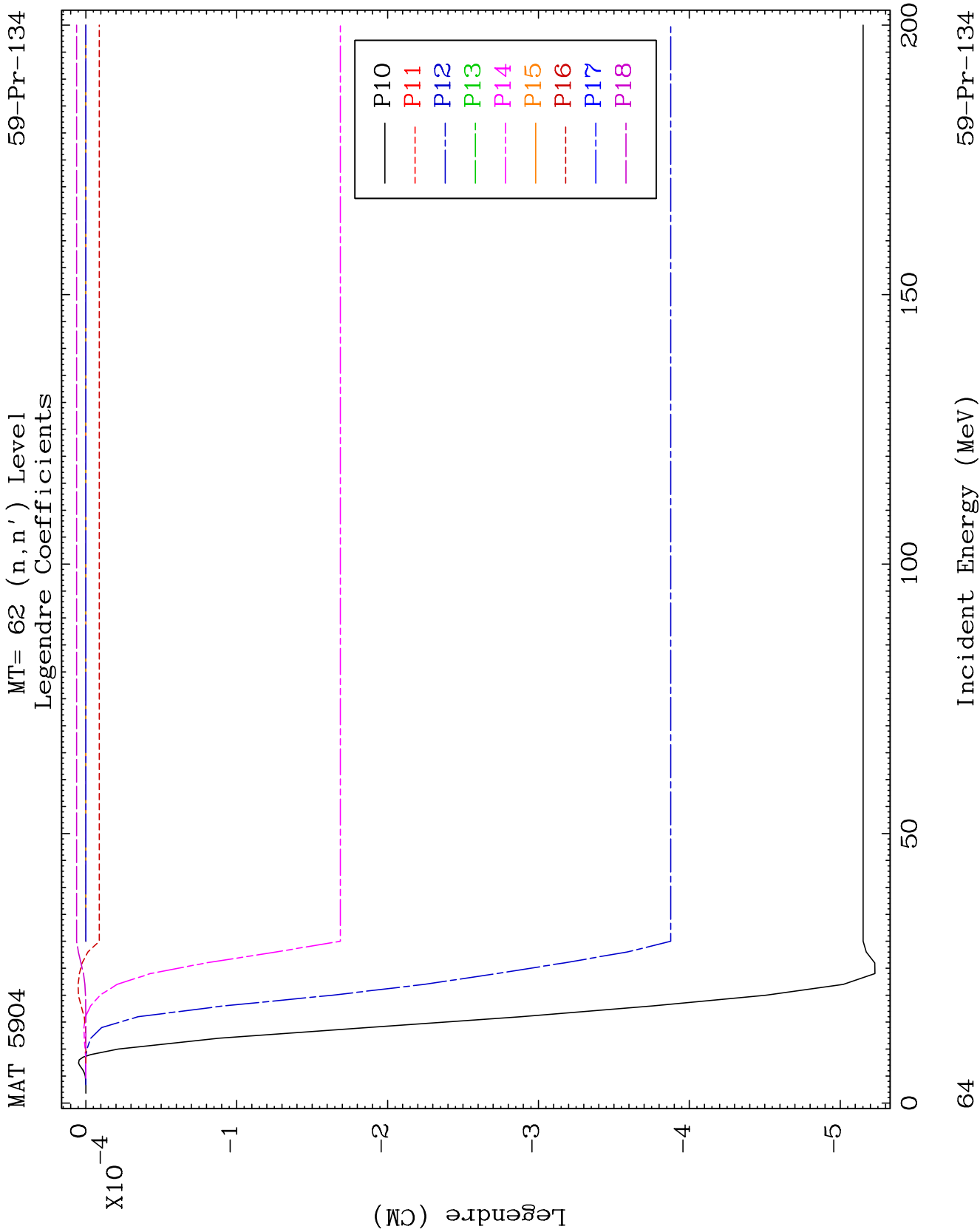


MAT 5904

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

59-Pr-134

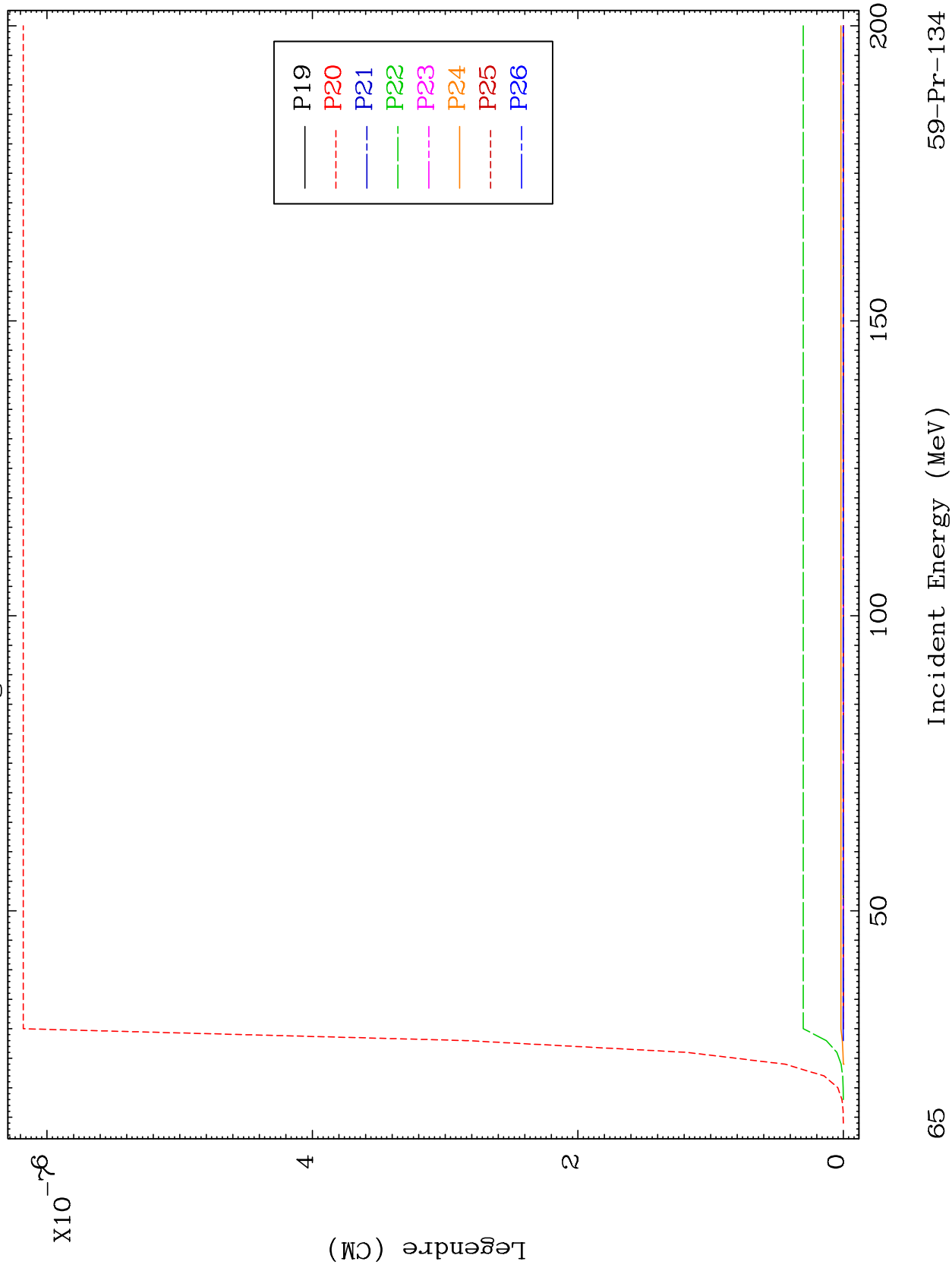




MAT 5904

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

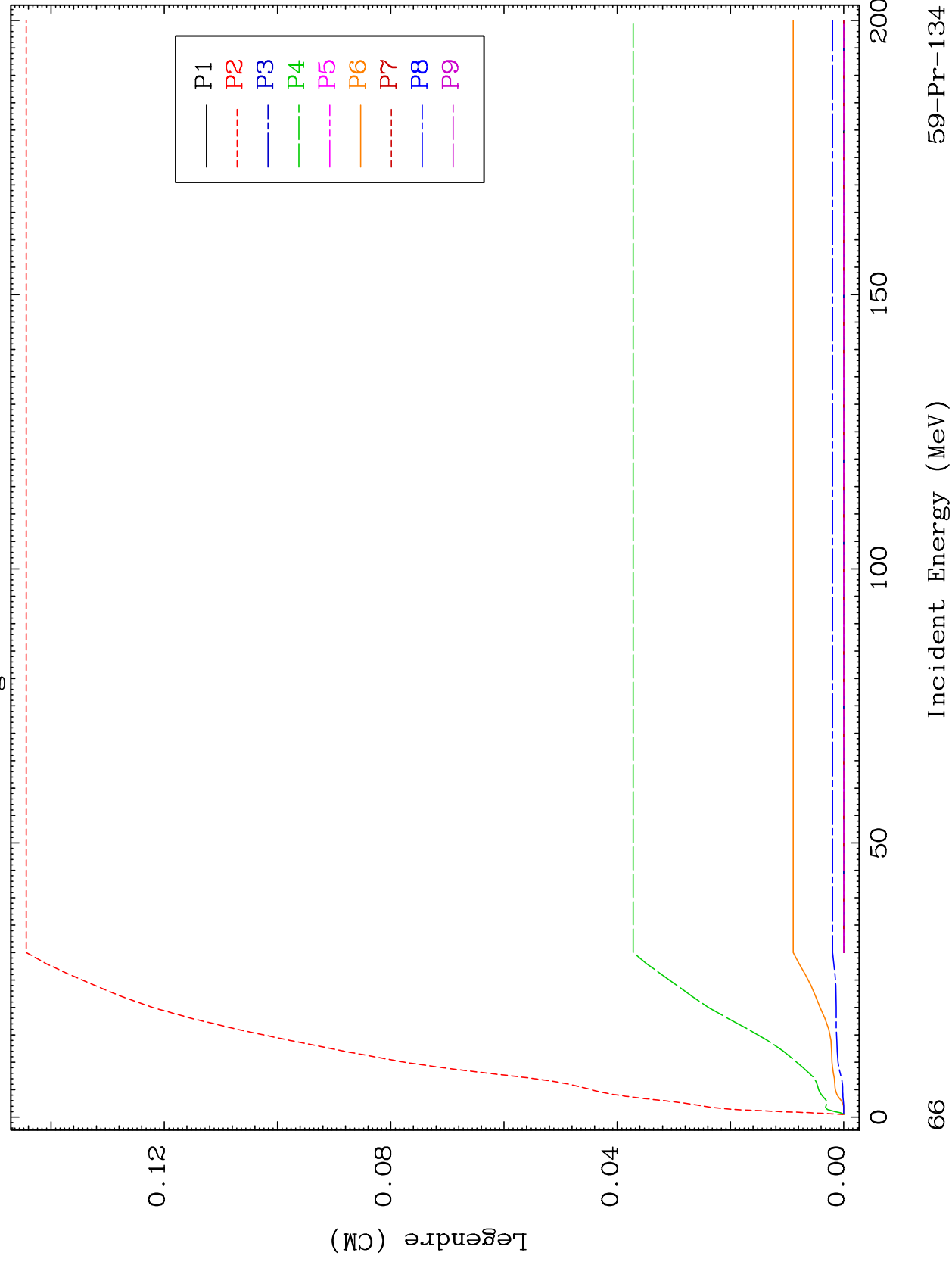
59-Pr-134

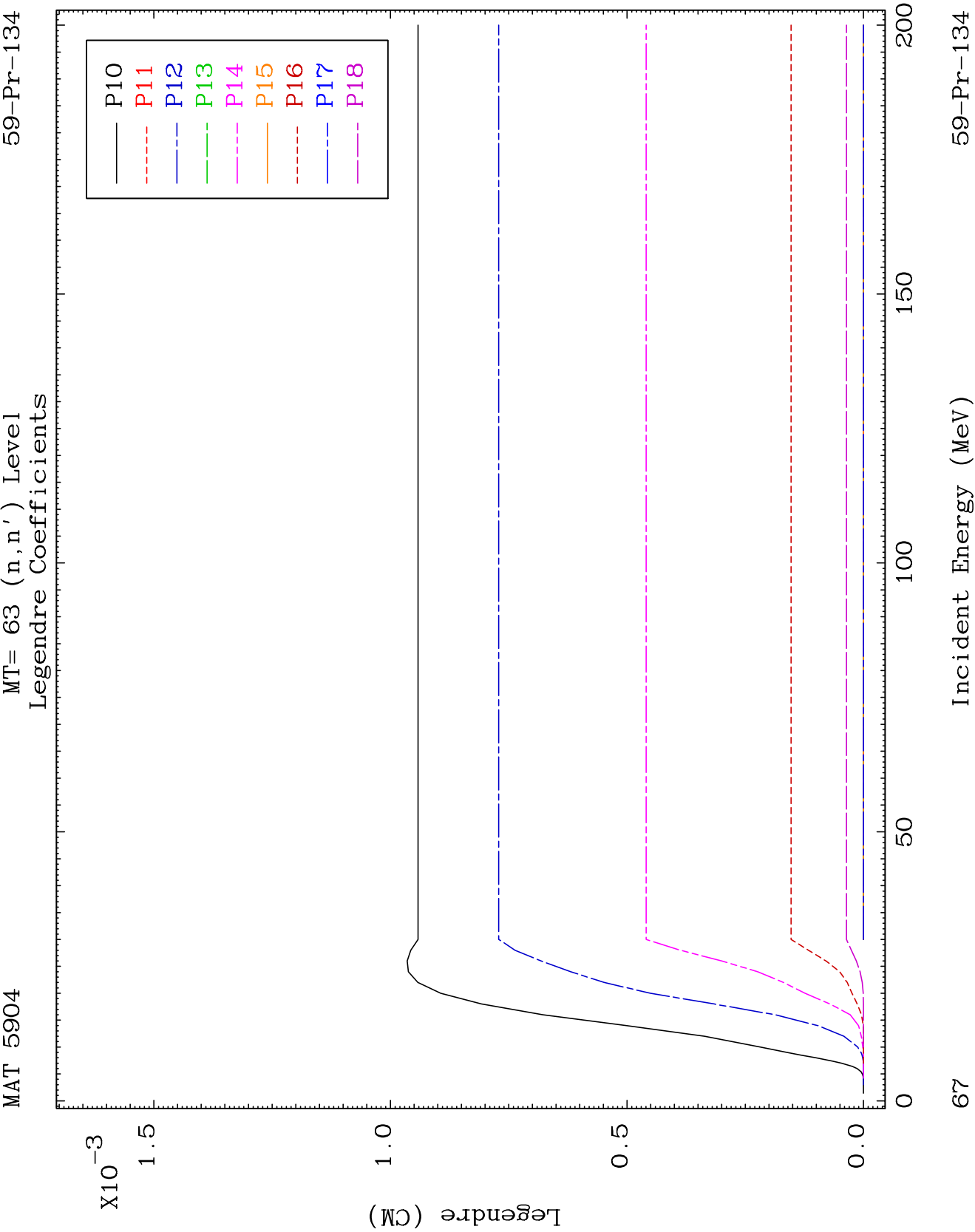


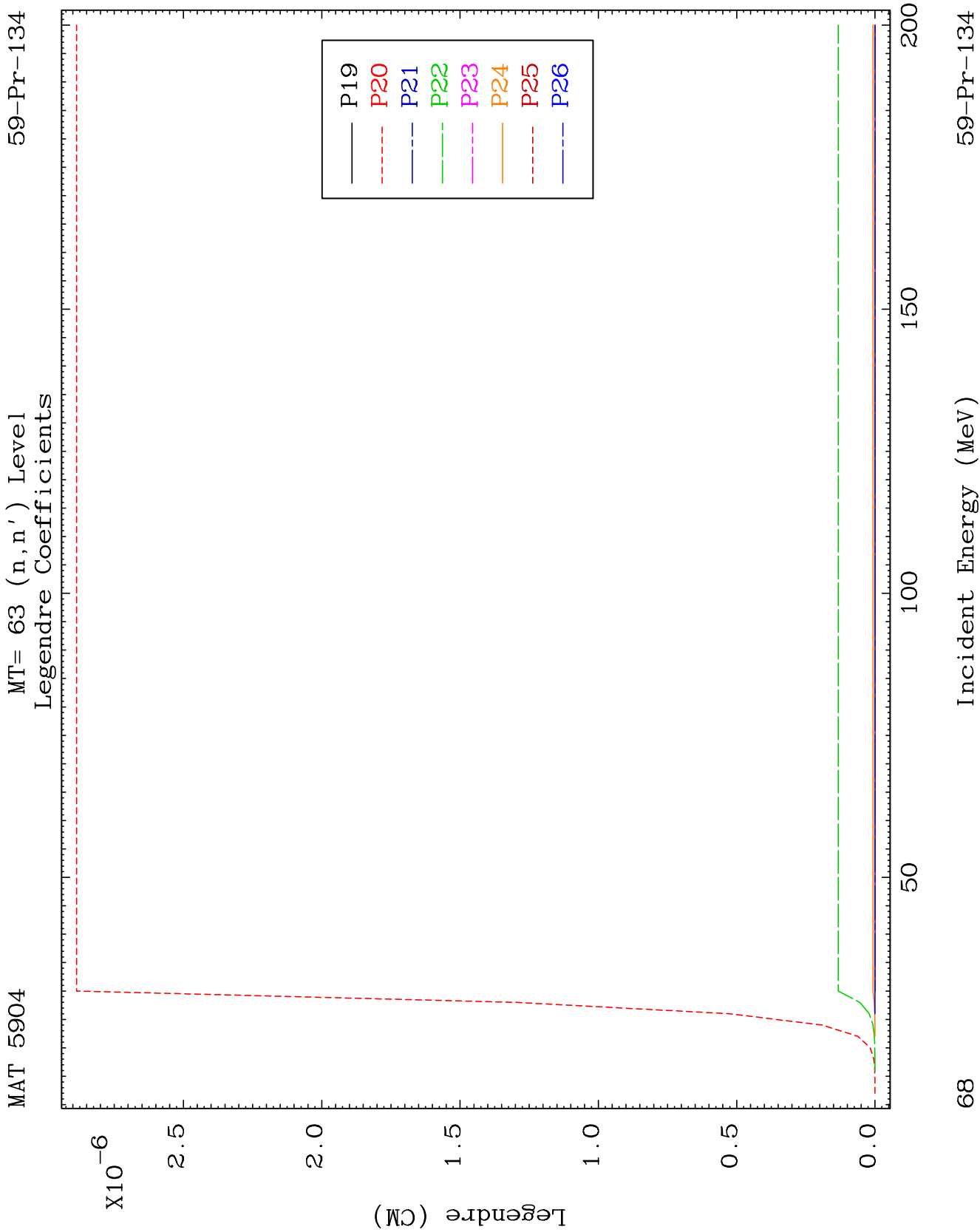
MAT 5904

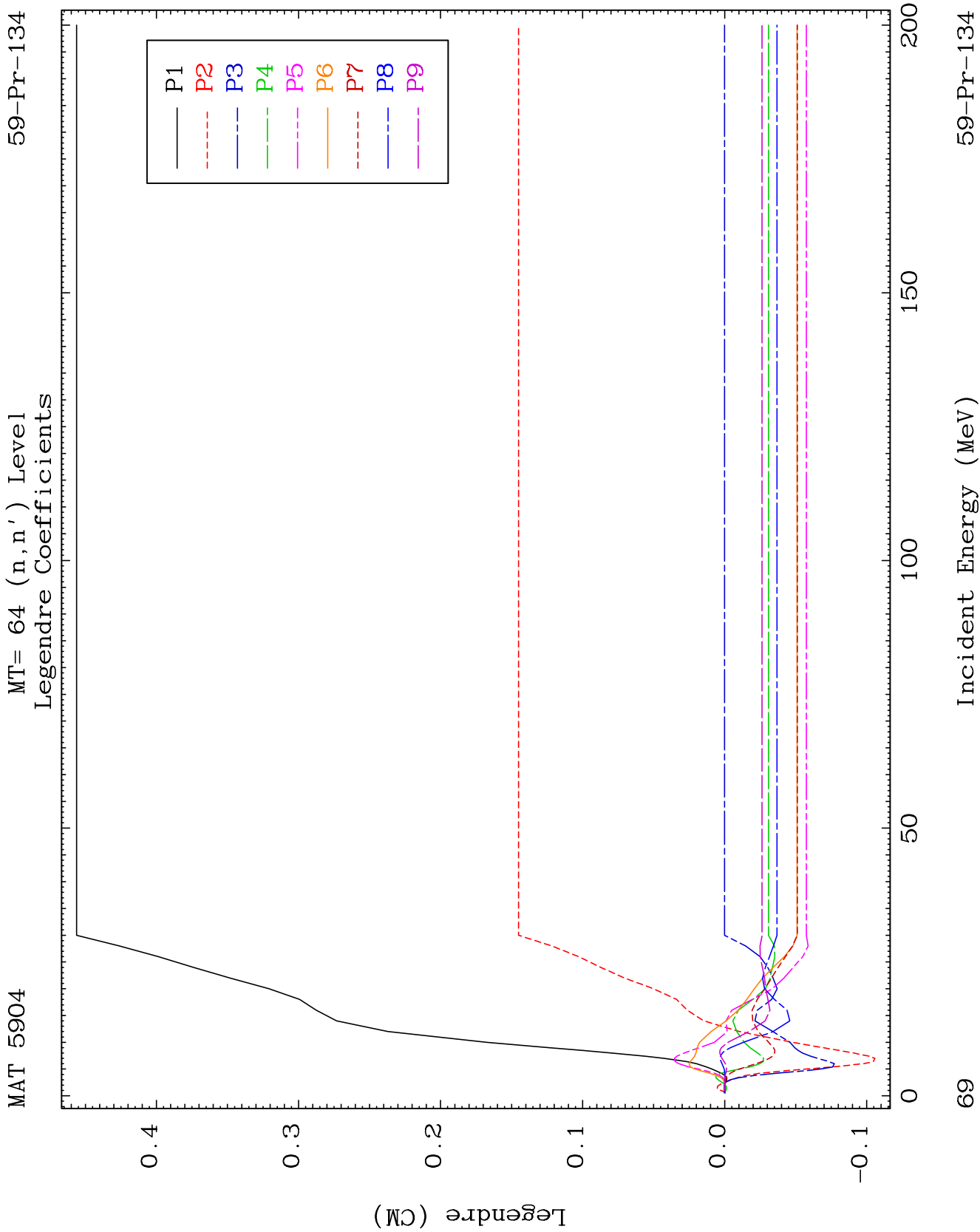
MT= 63 (n, n') Level
Legendre Coefficients

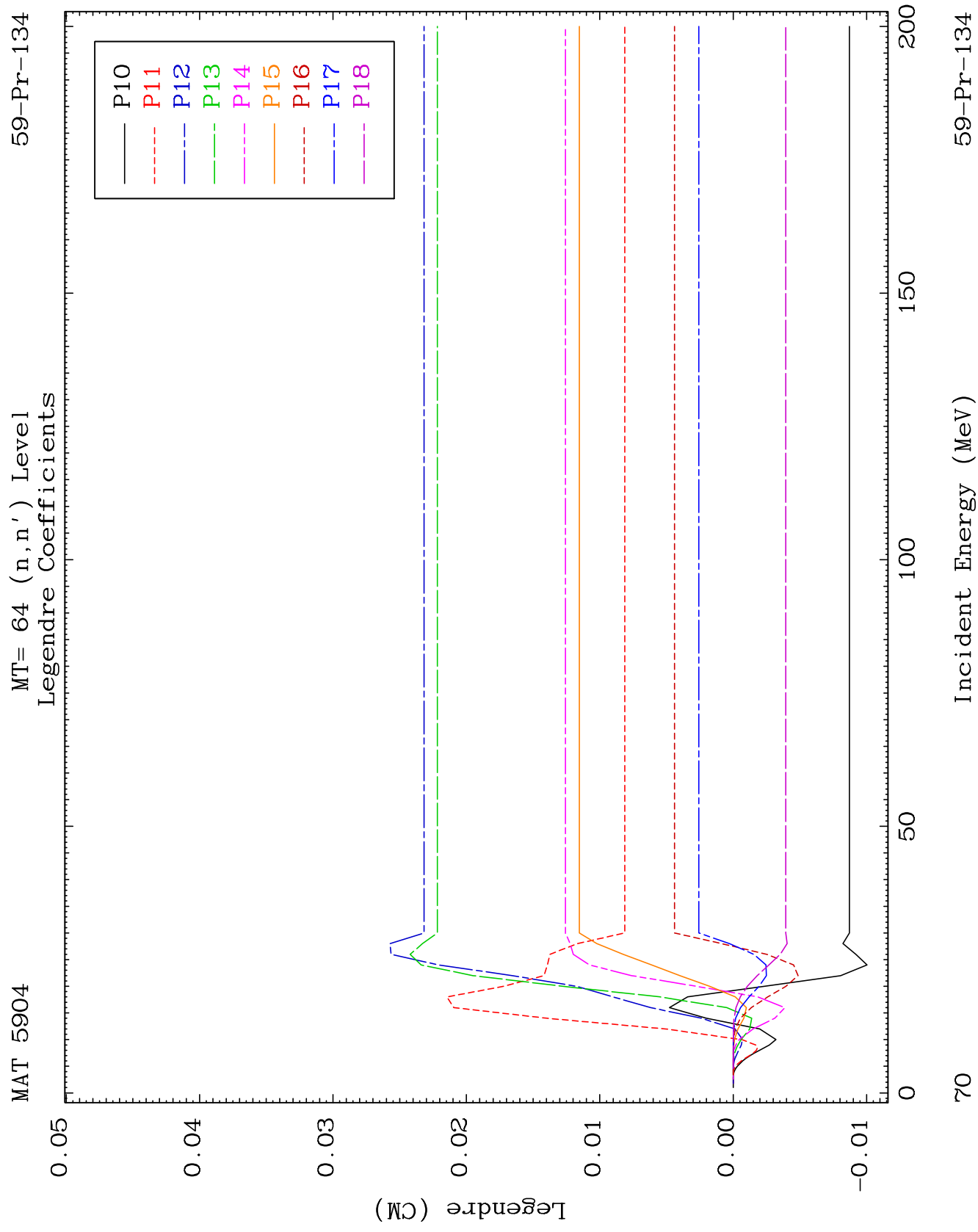
59-Pr-134

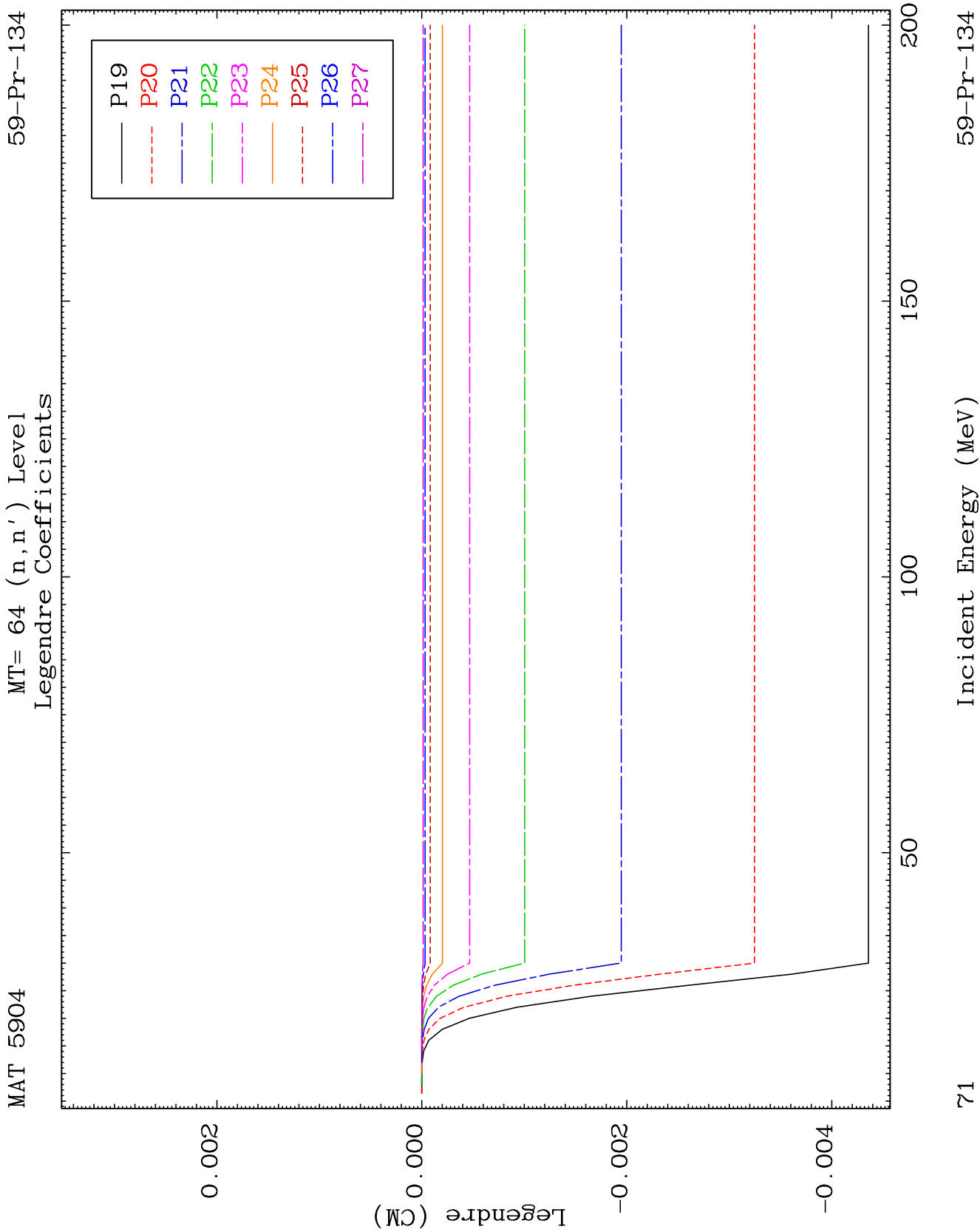


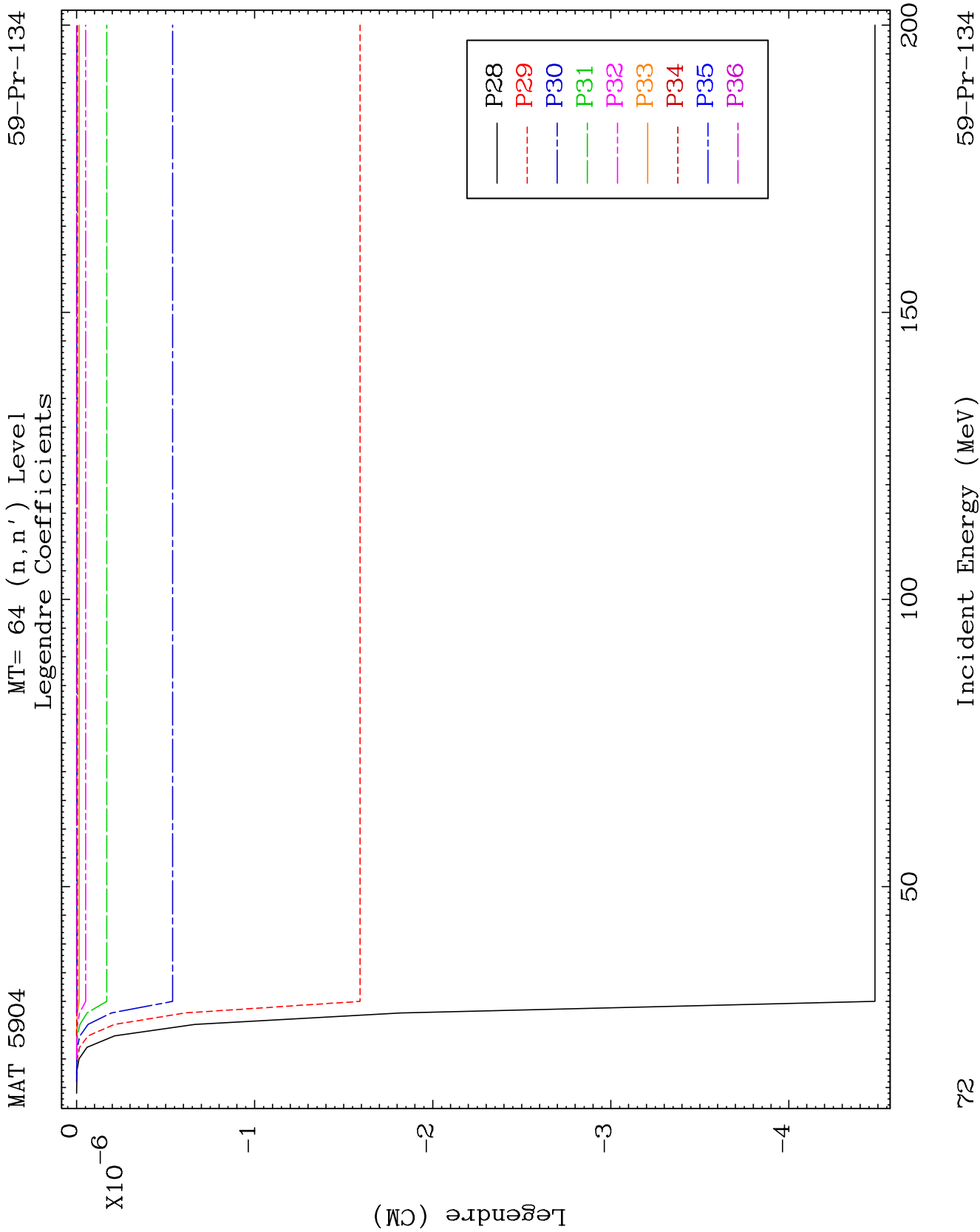


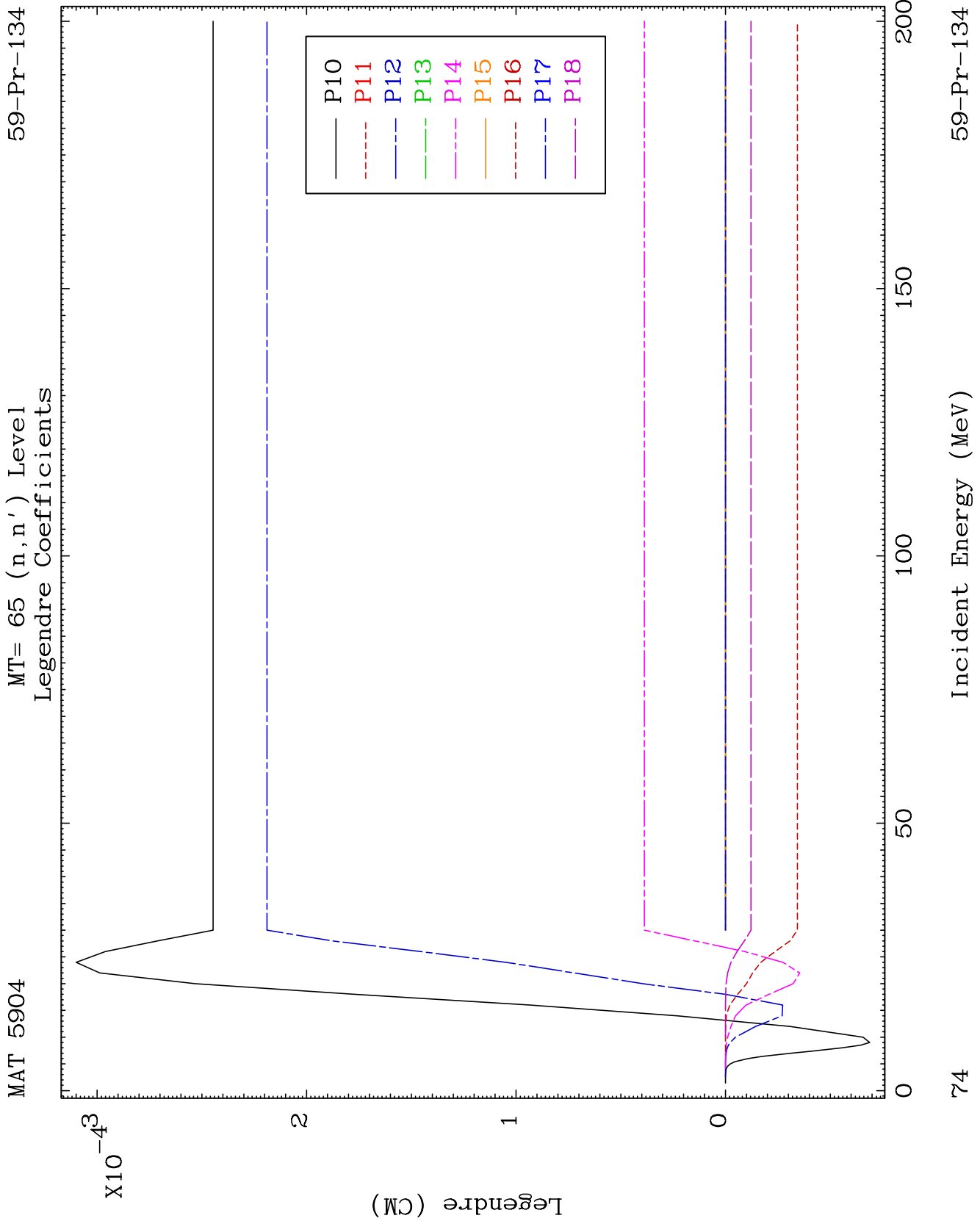


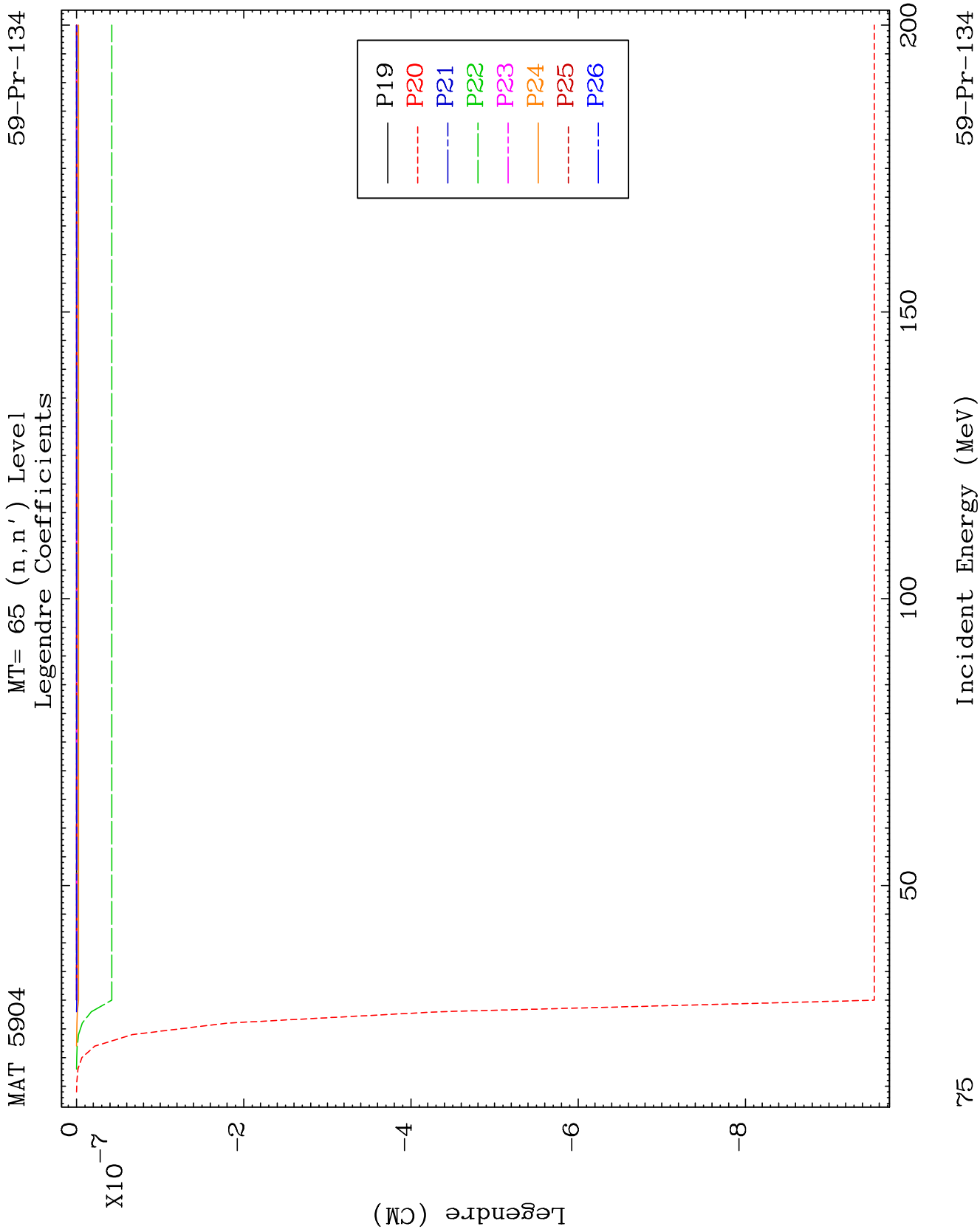


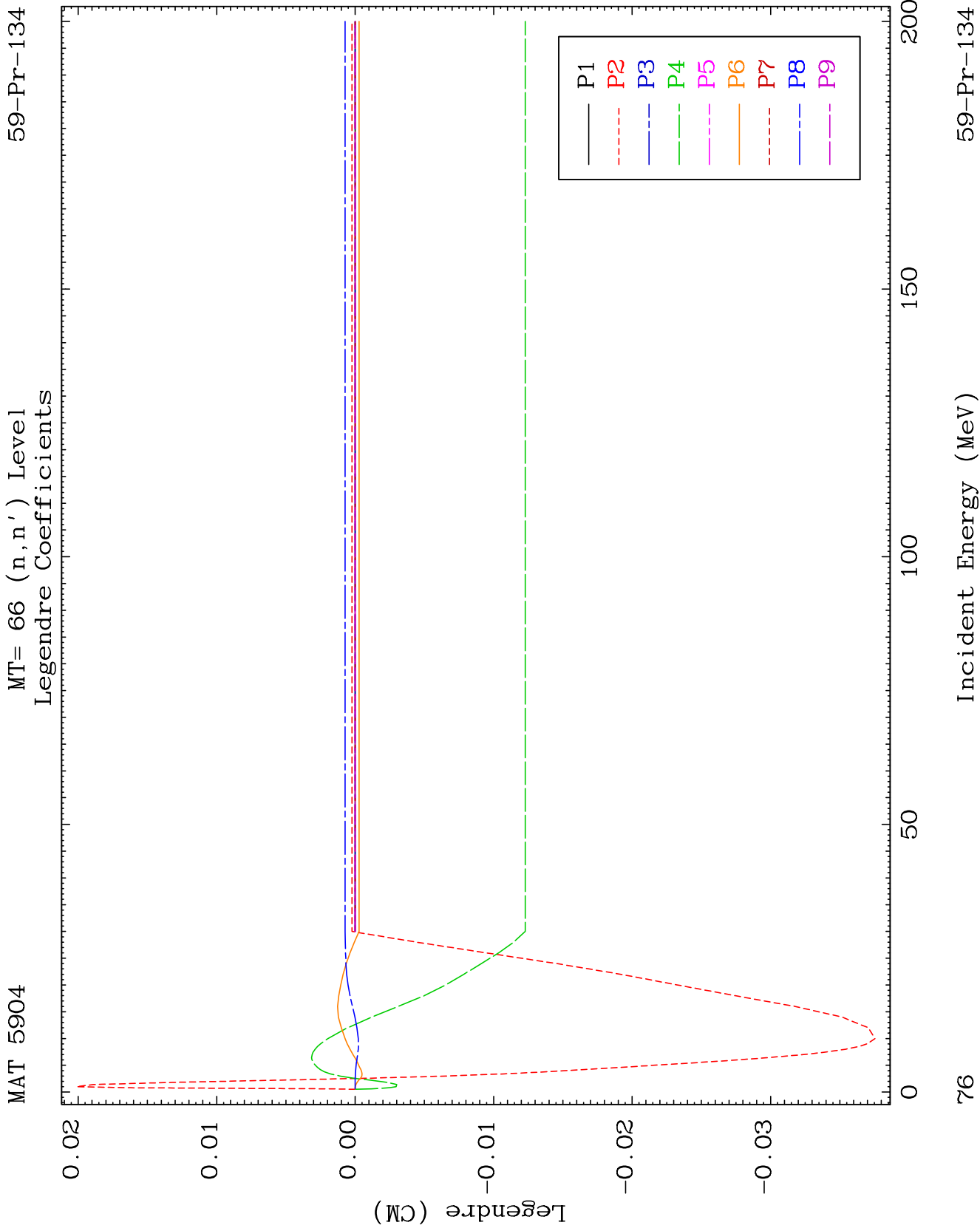


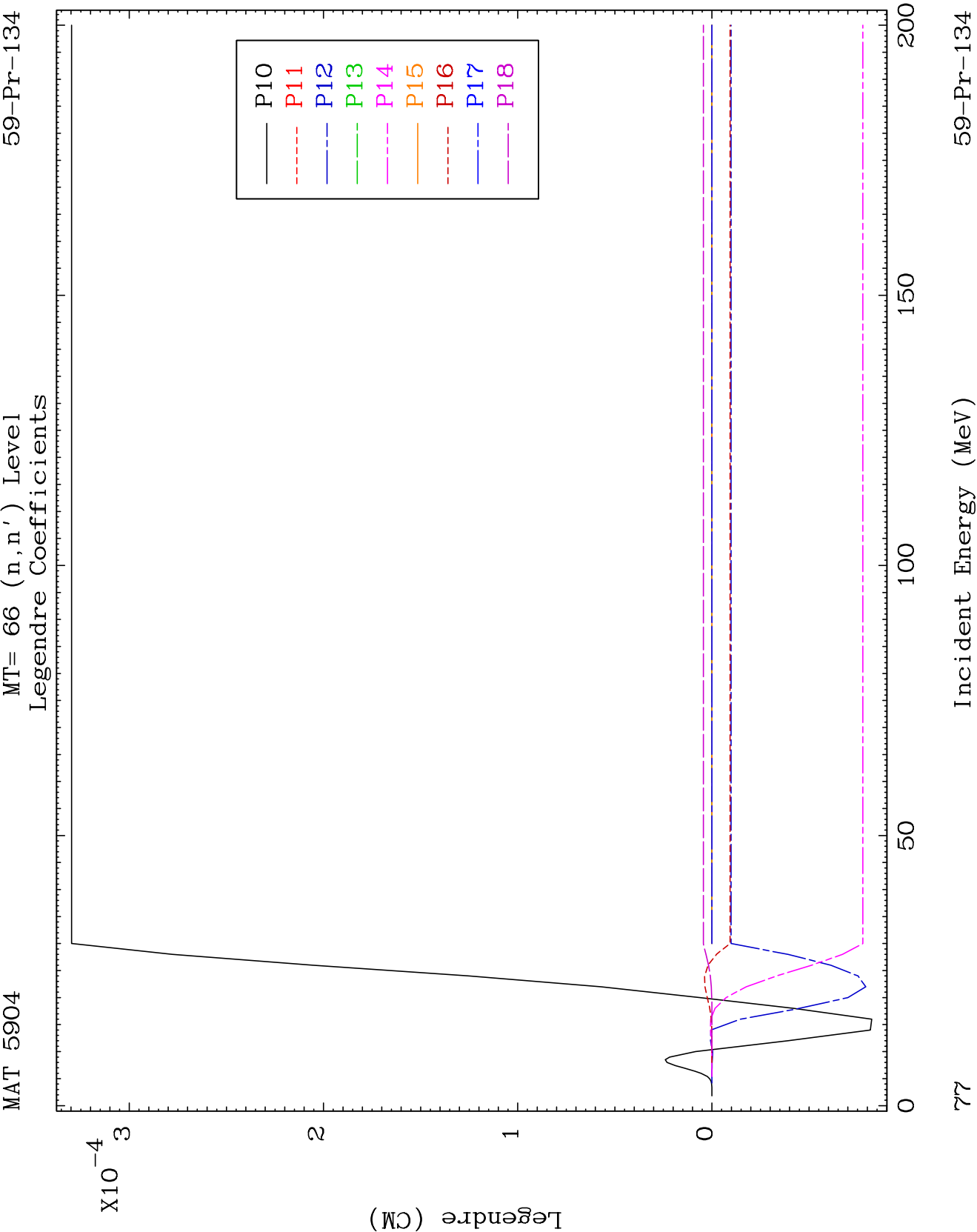


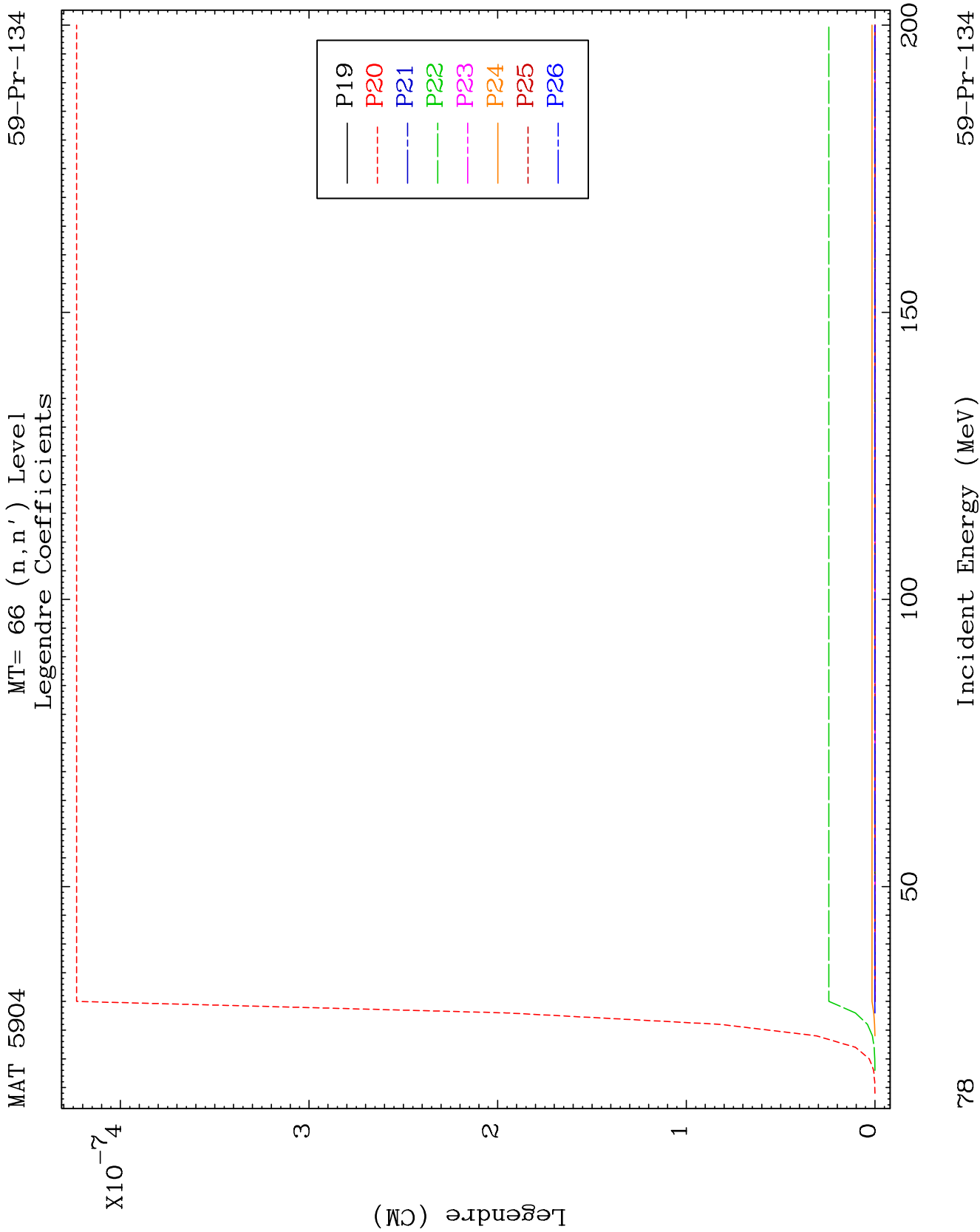








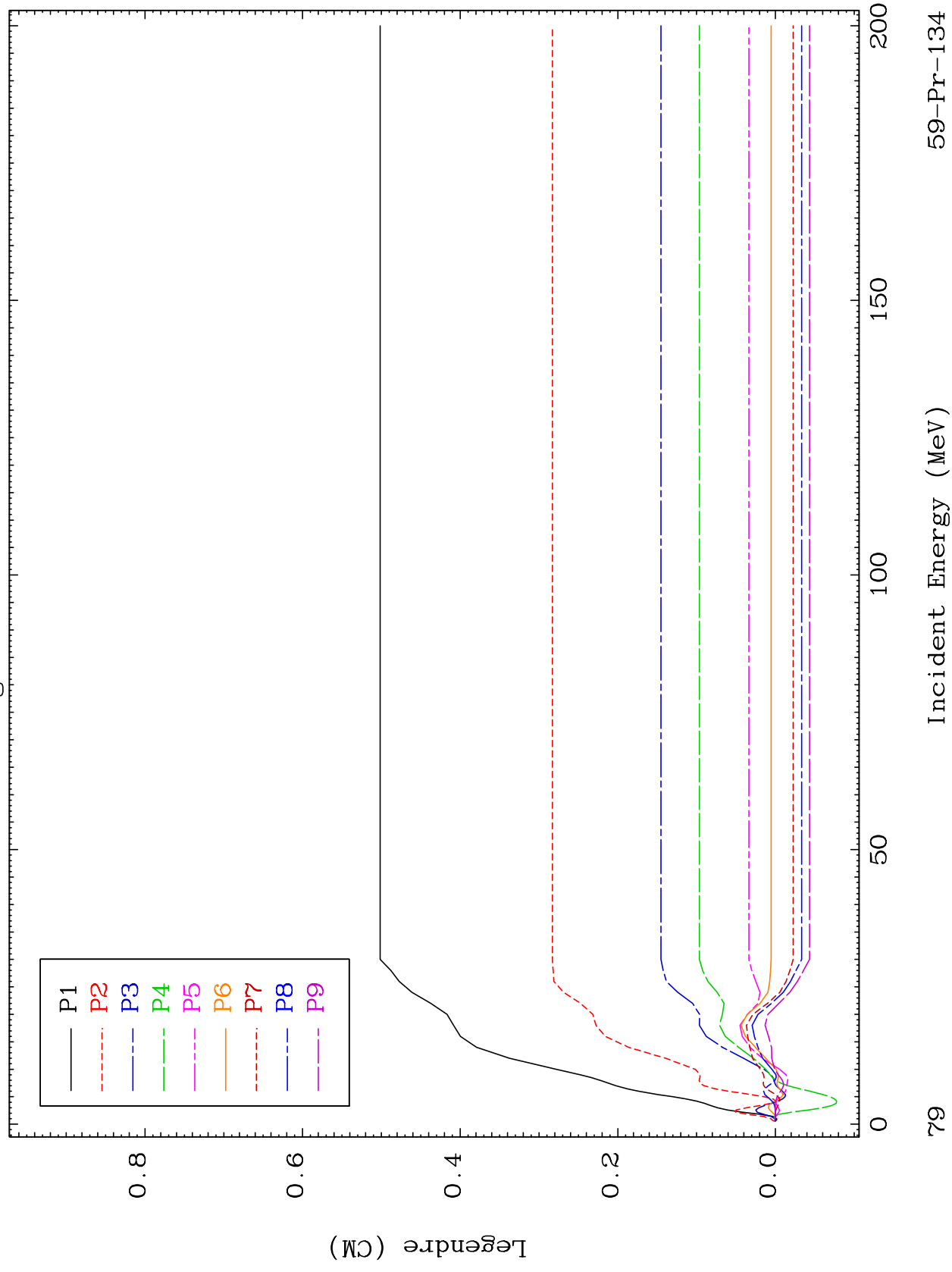


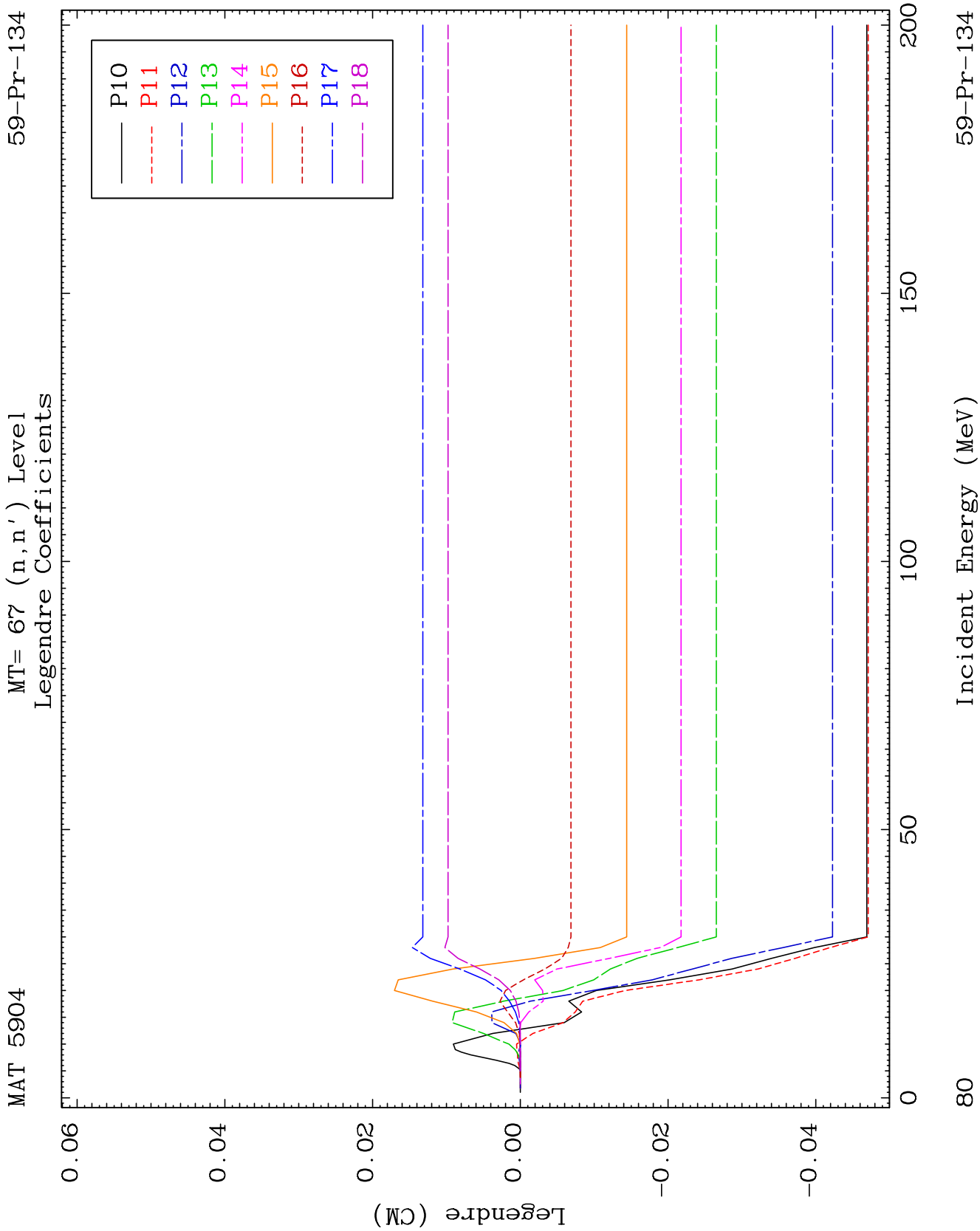


MAT 5904

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

59-Pr-134

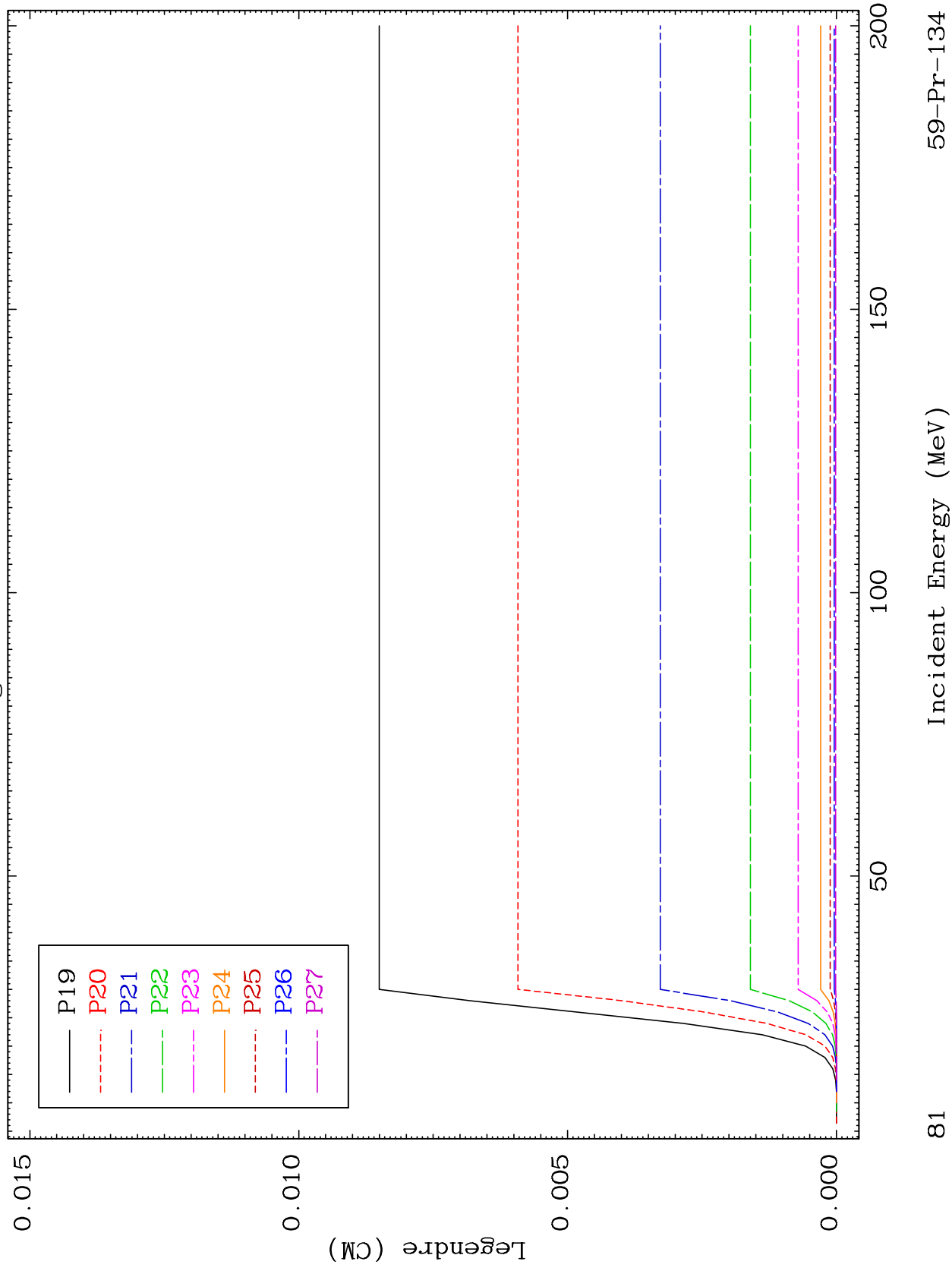


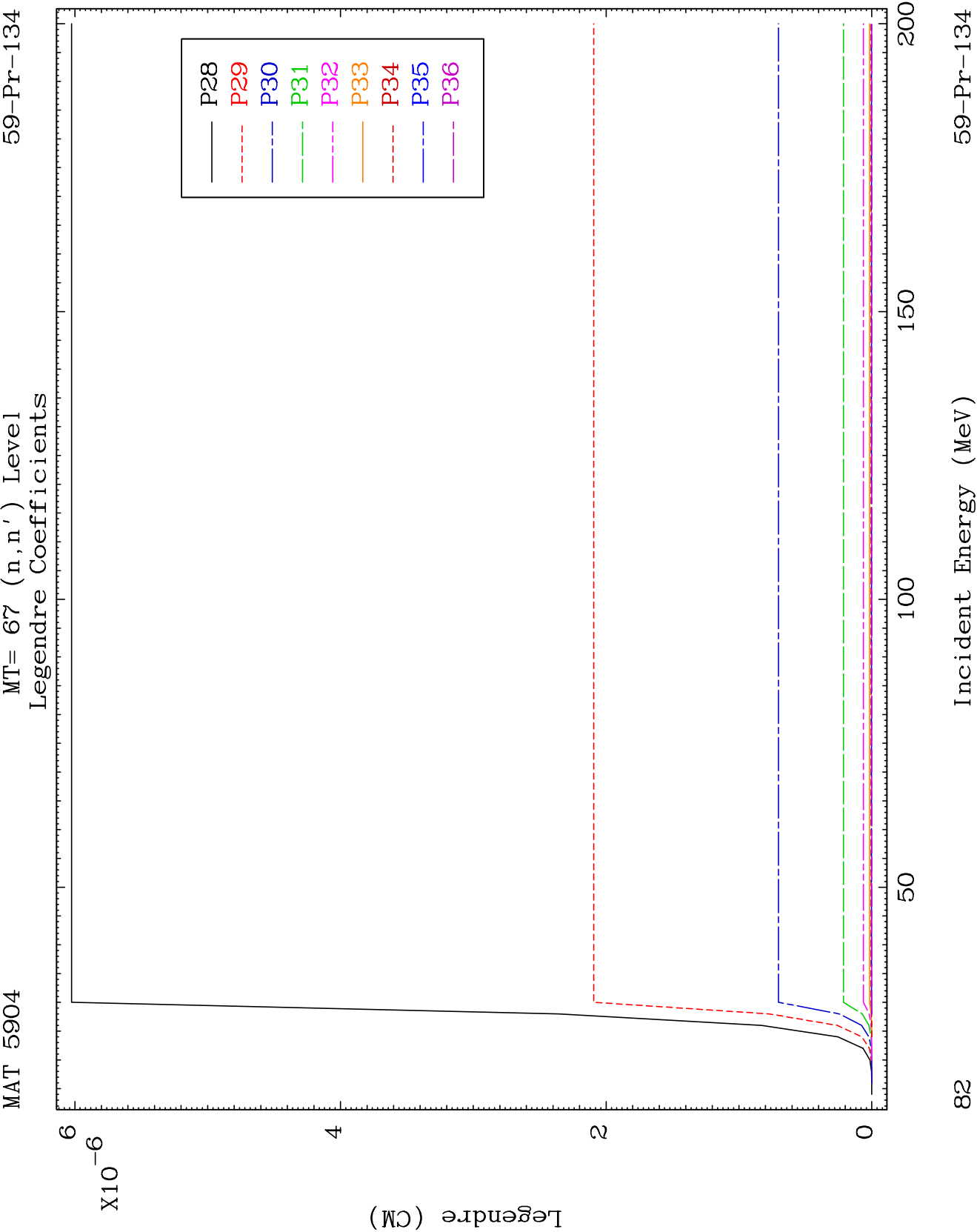


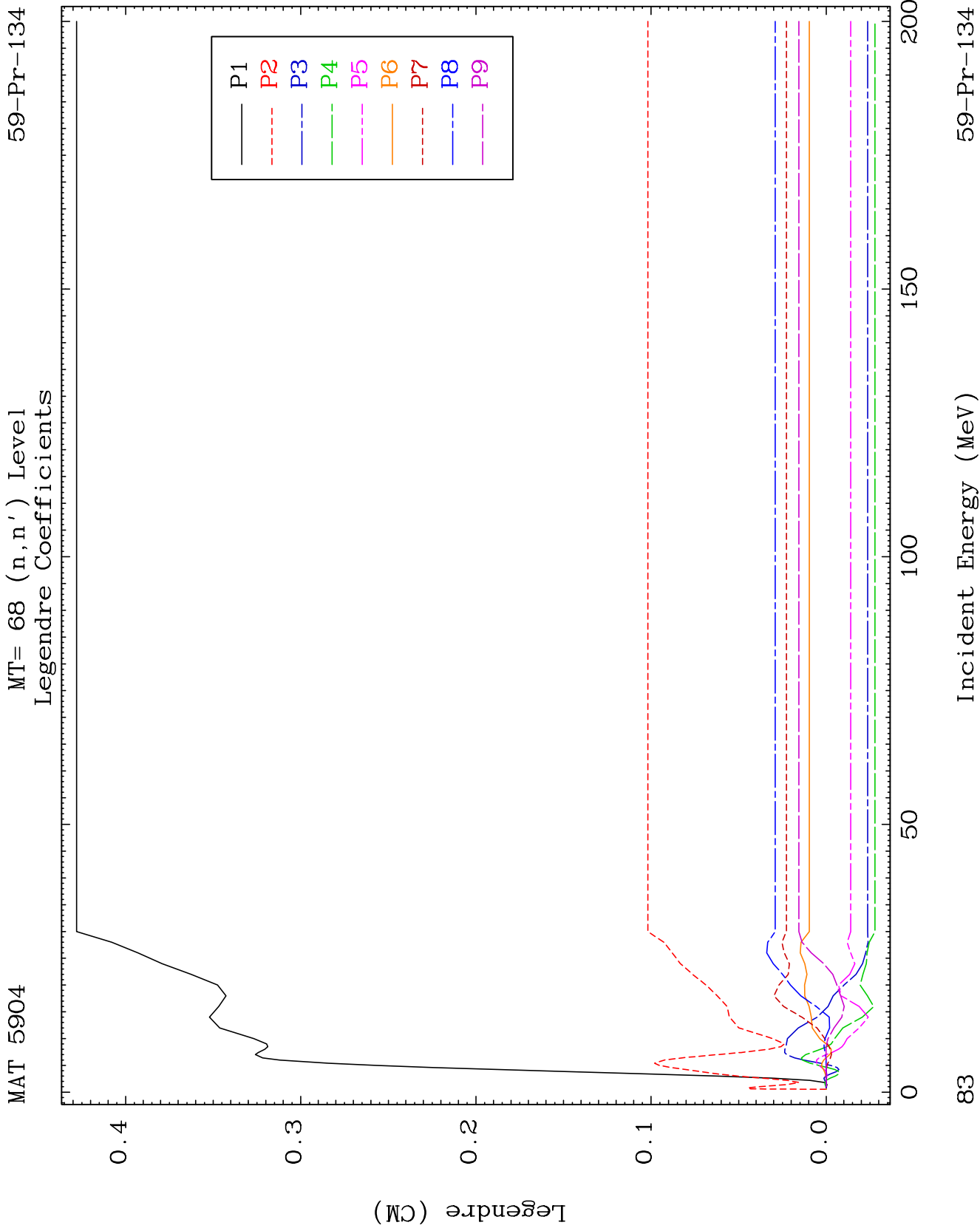
MAT 5904

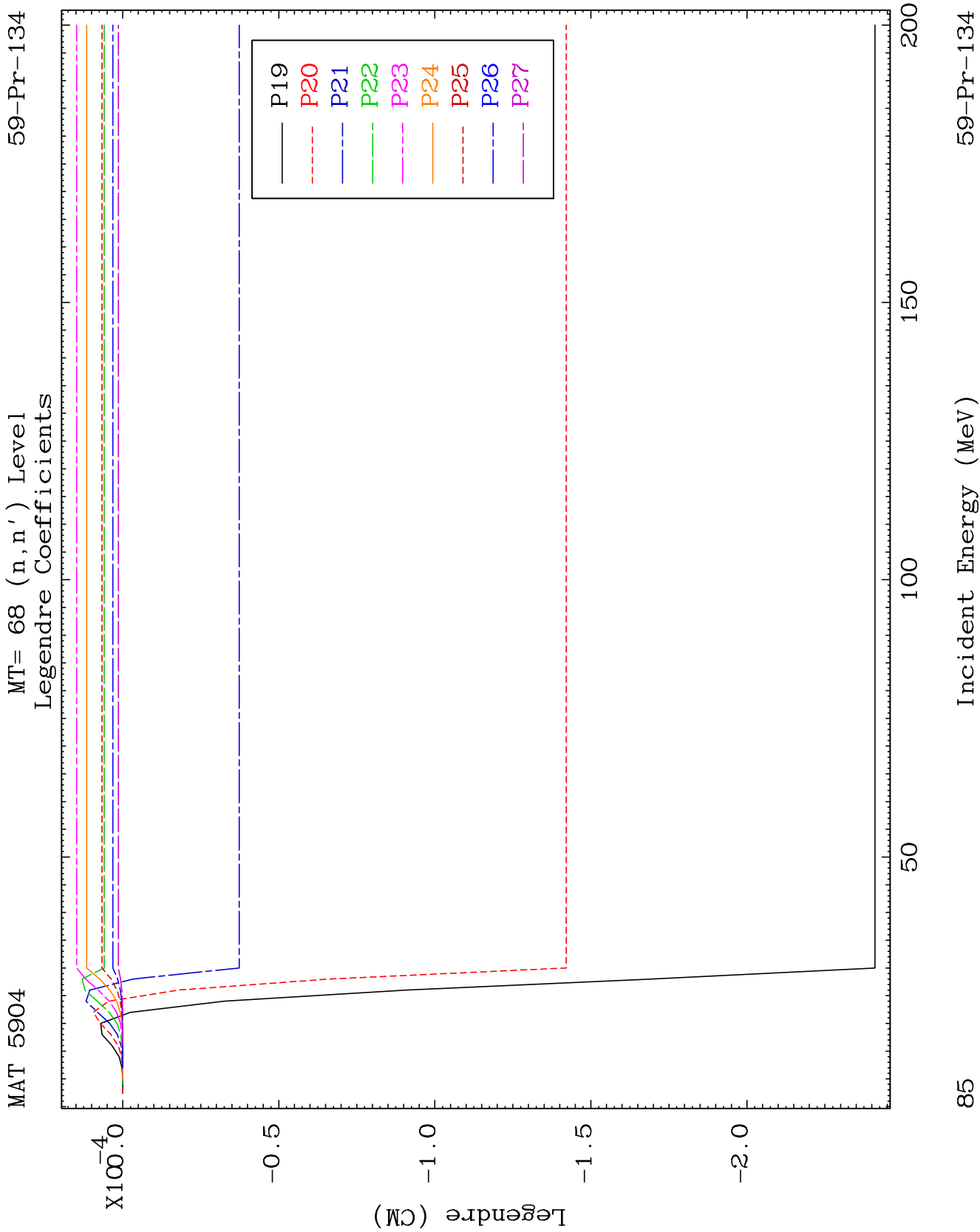
MT= 67 (n, n') Level
Legendre Coefficients

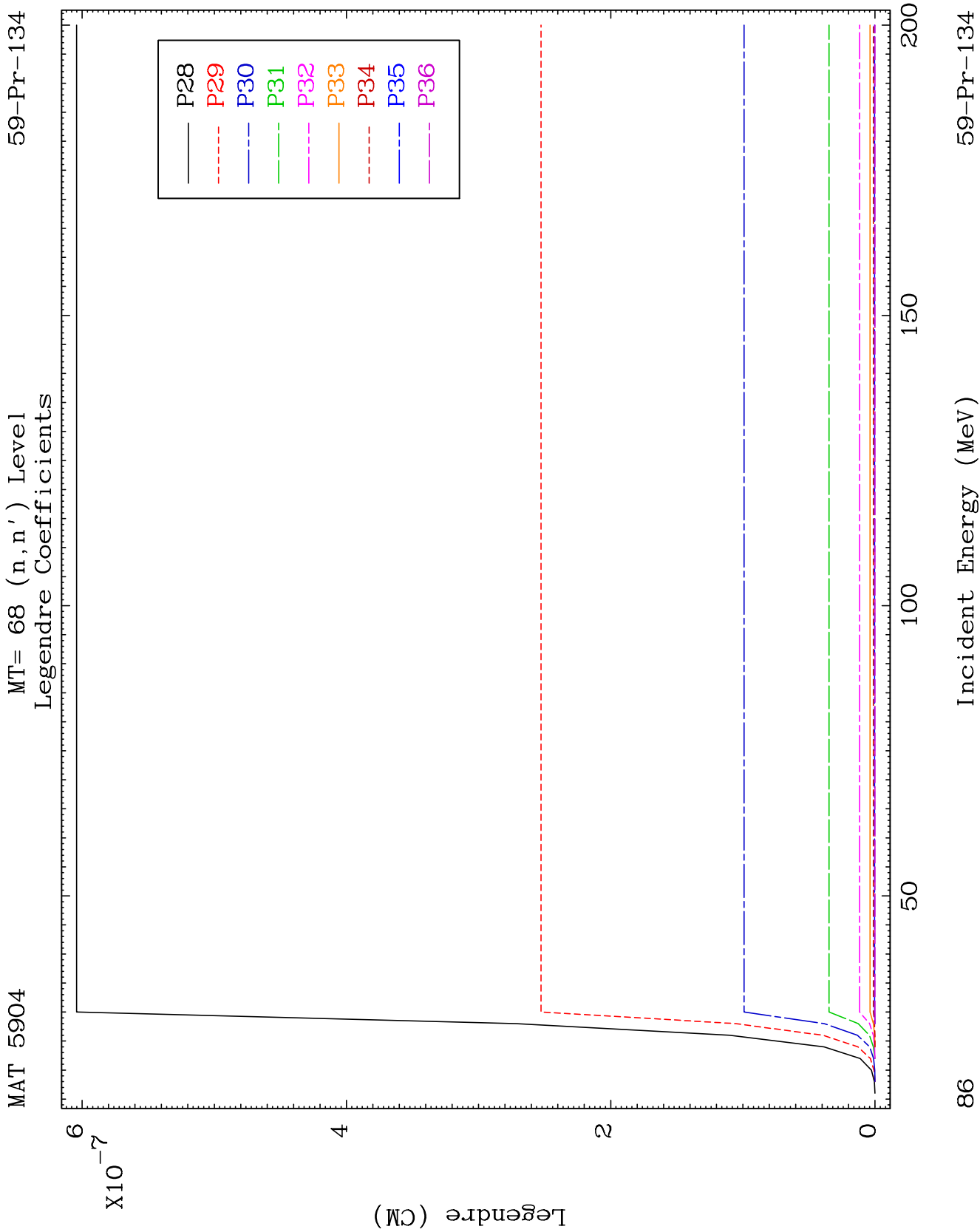
59-Pr-134







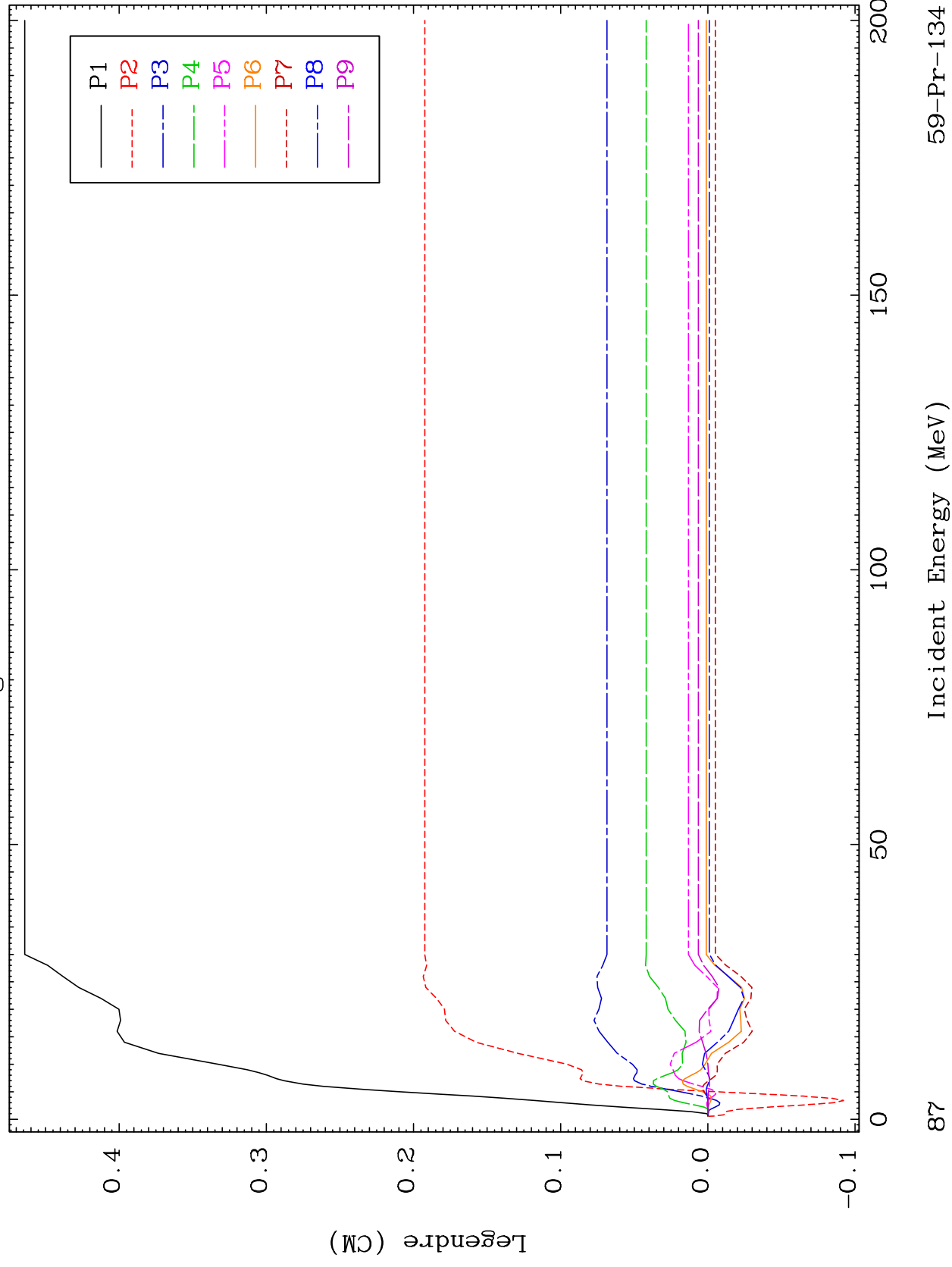




MAT 5904

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

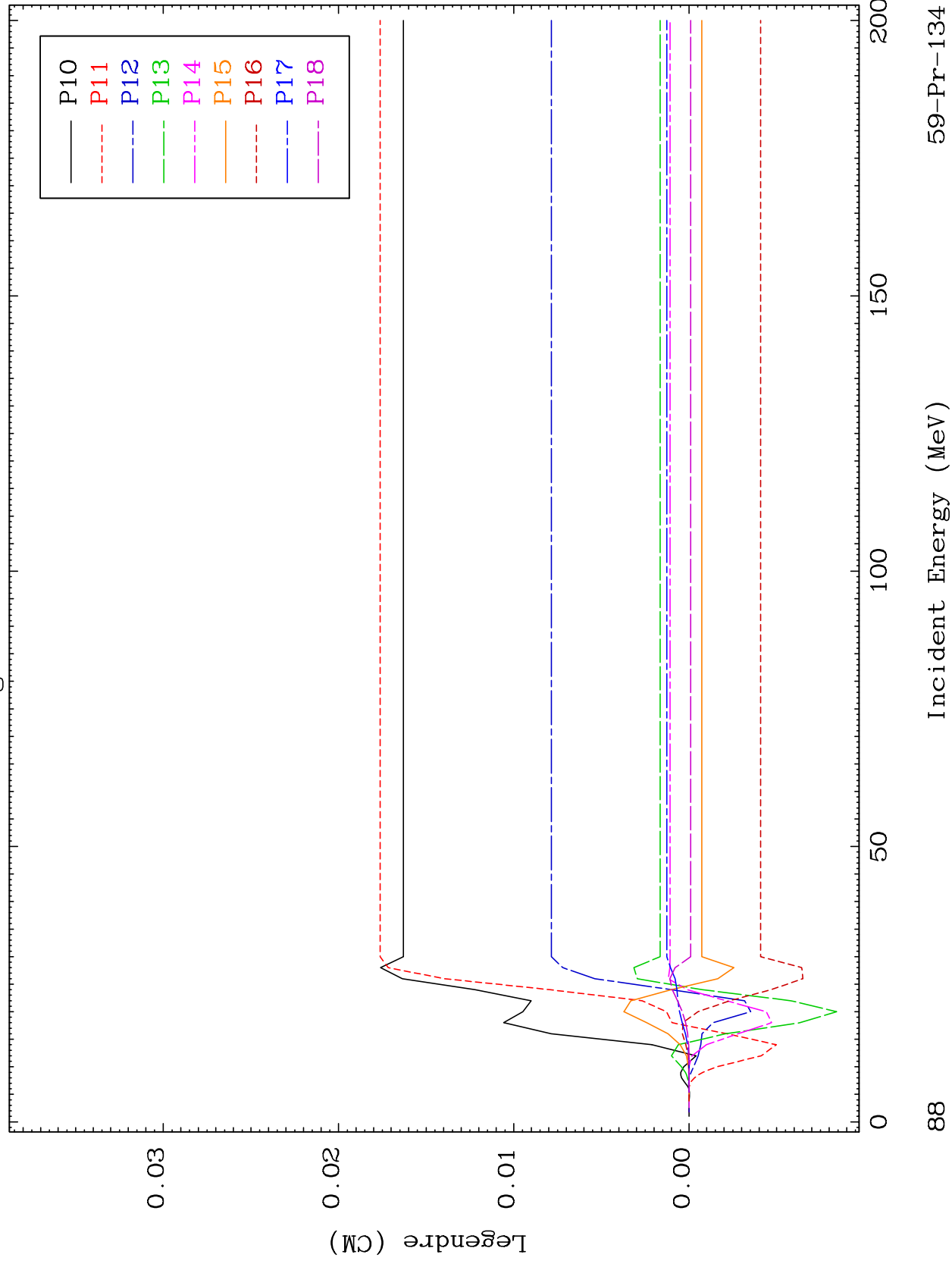
59-Pr-134



MAT 5904

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

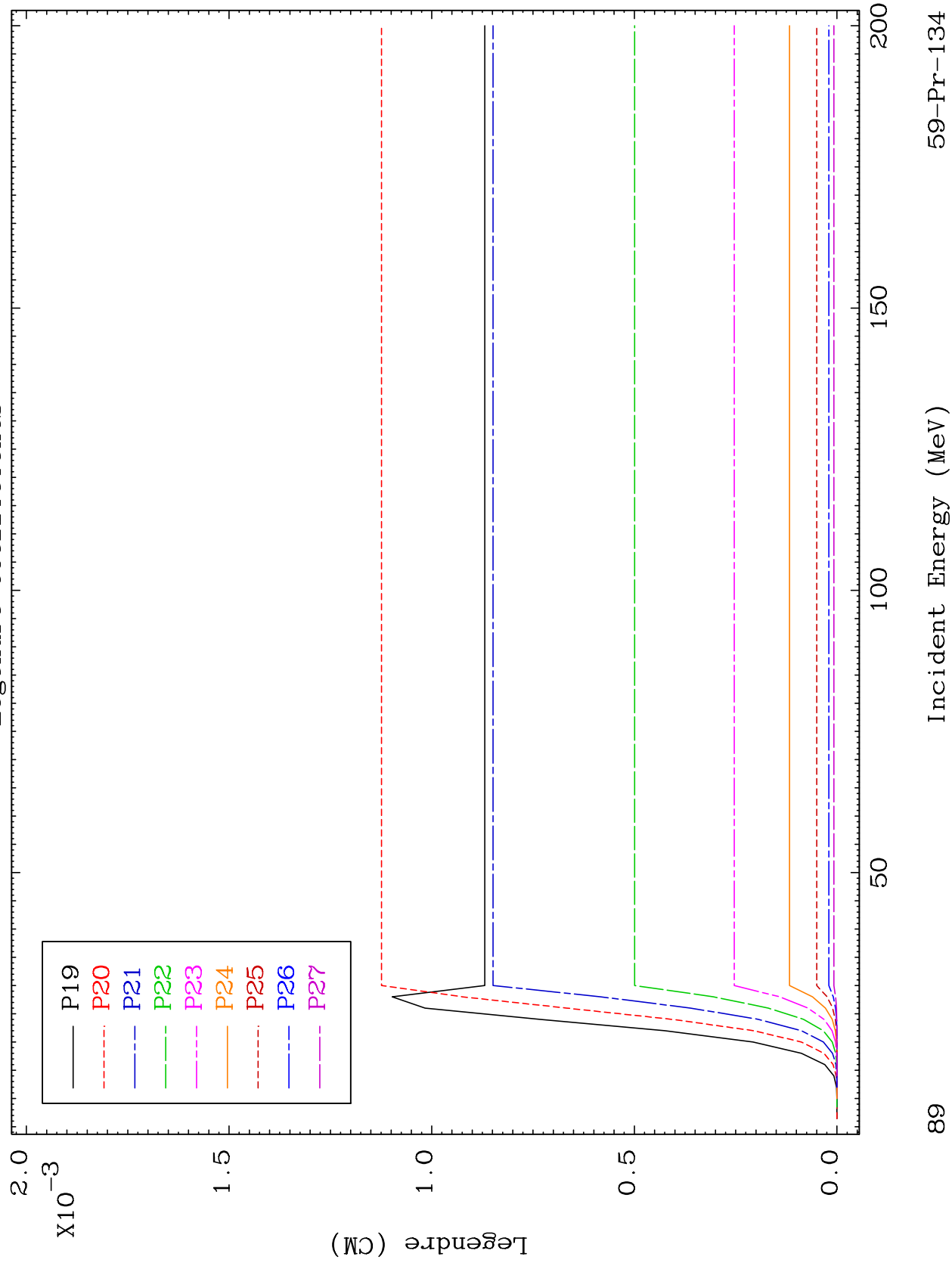
59-Pr-134

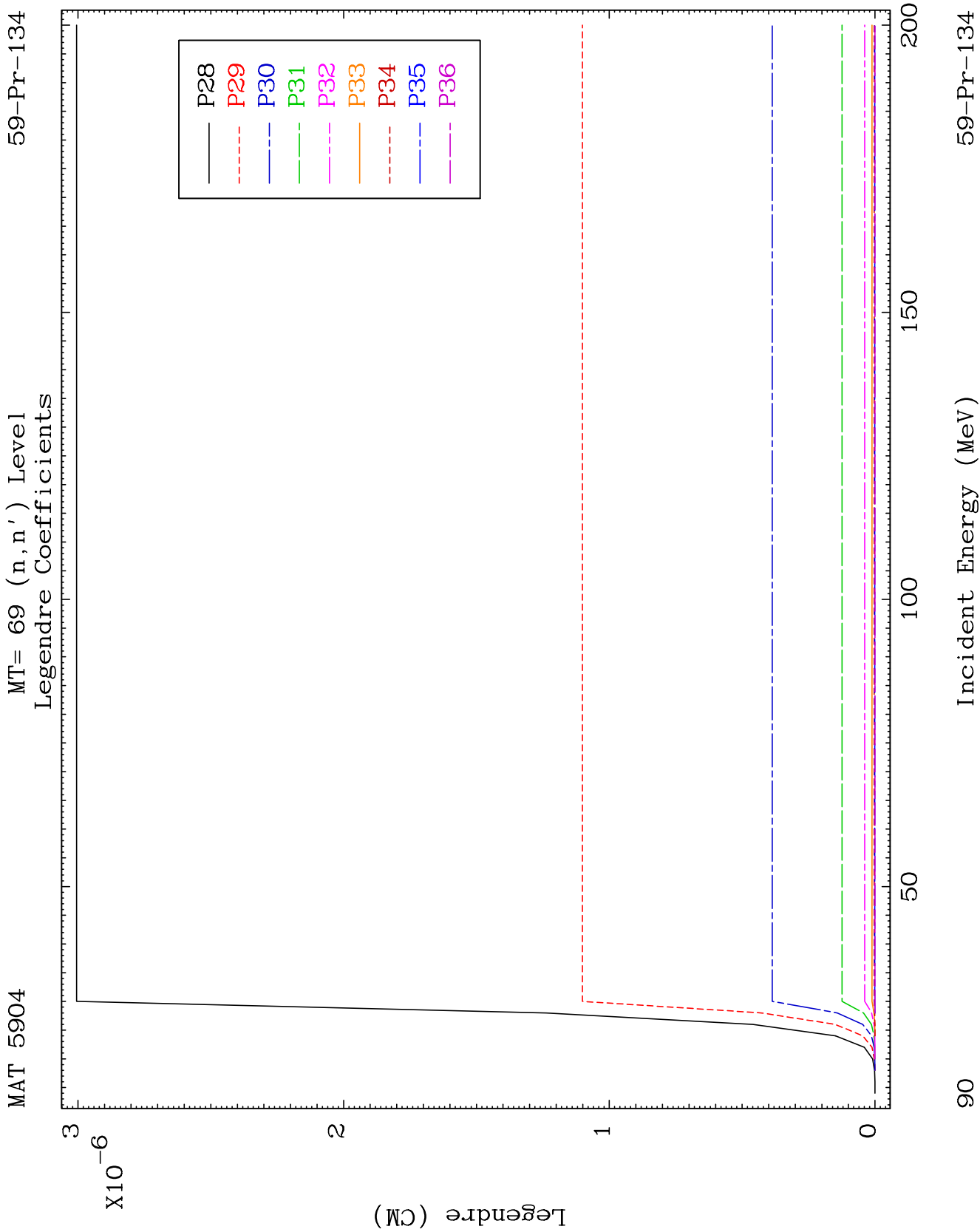


MAT 5904

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

59-Pr-134

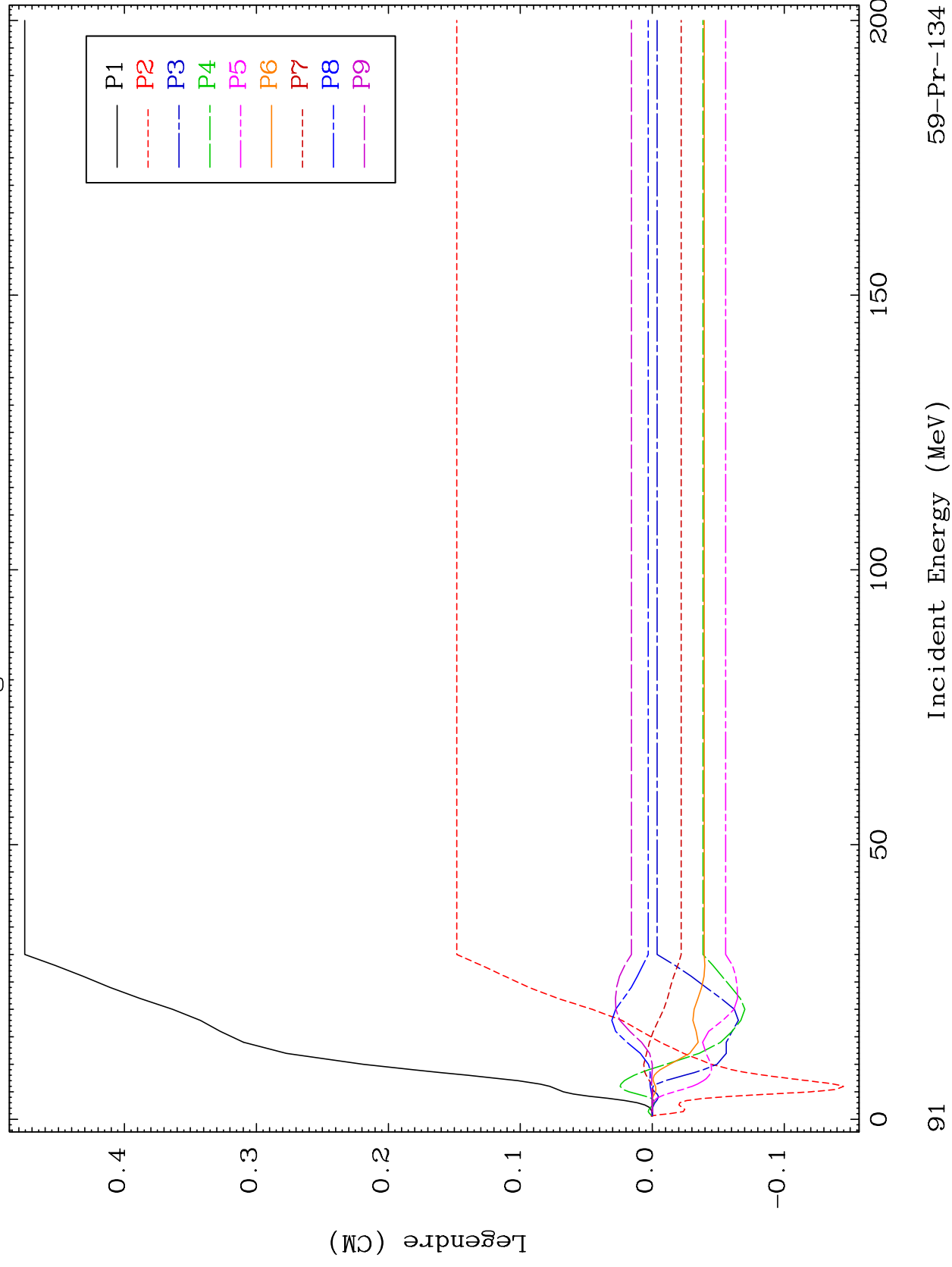




MAT 5904

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

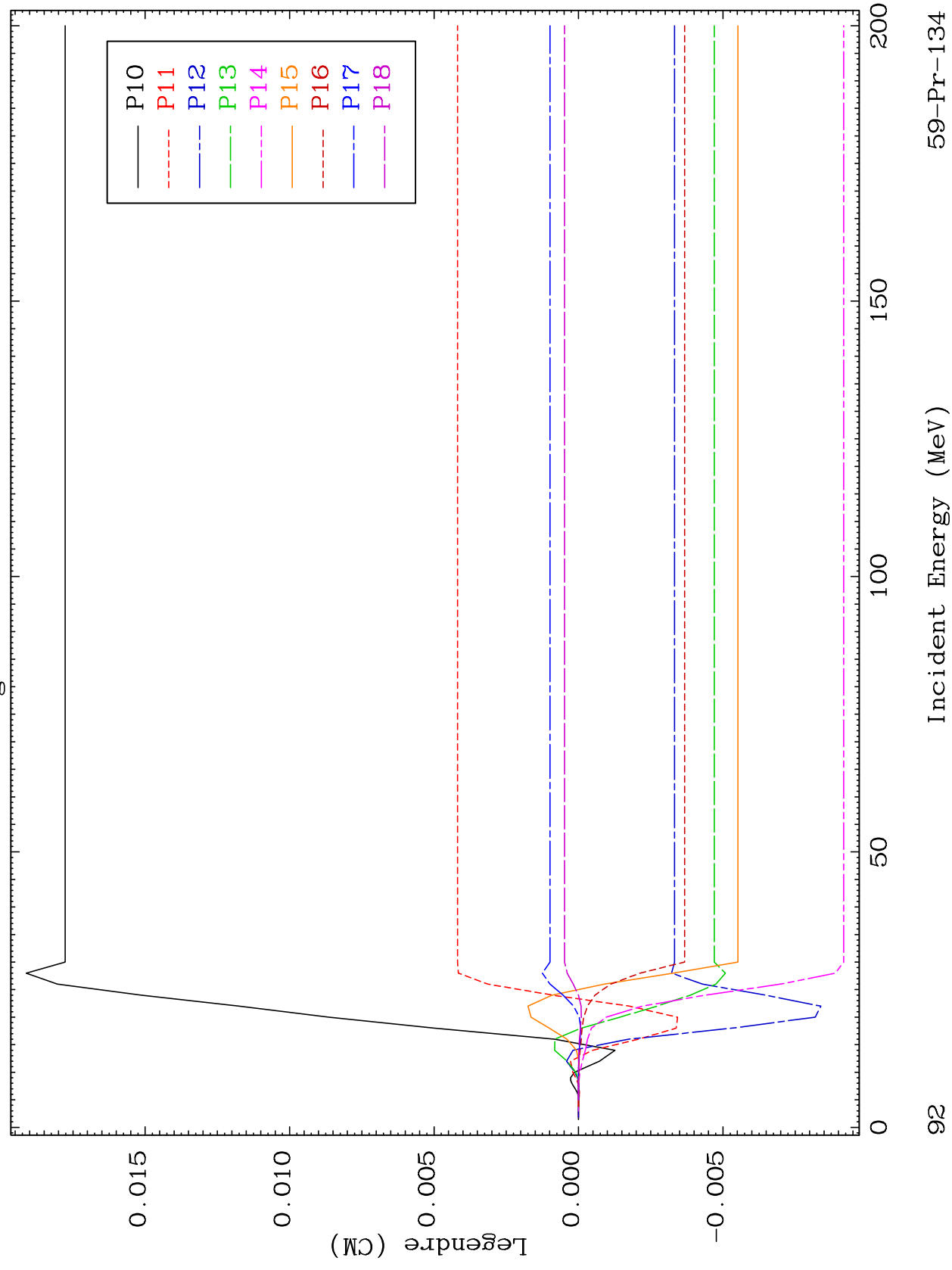
59-Pr-134

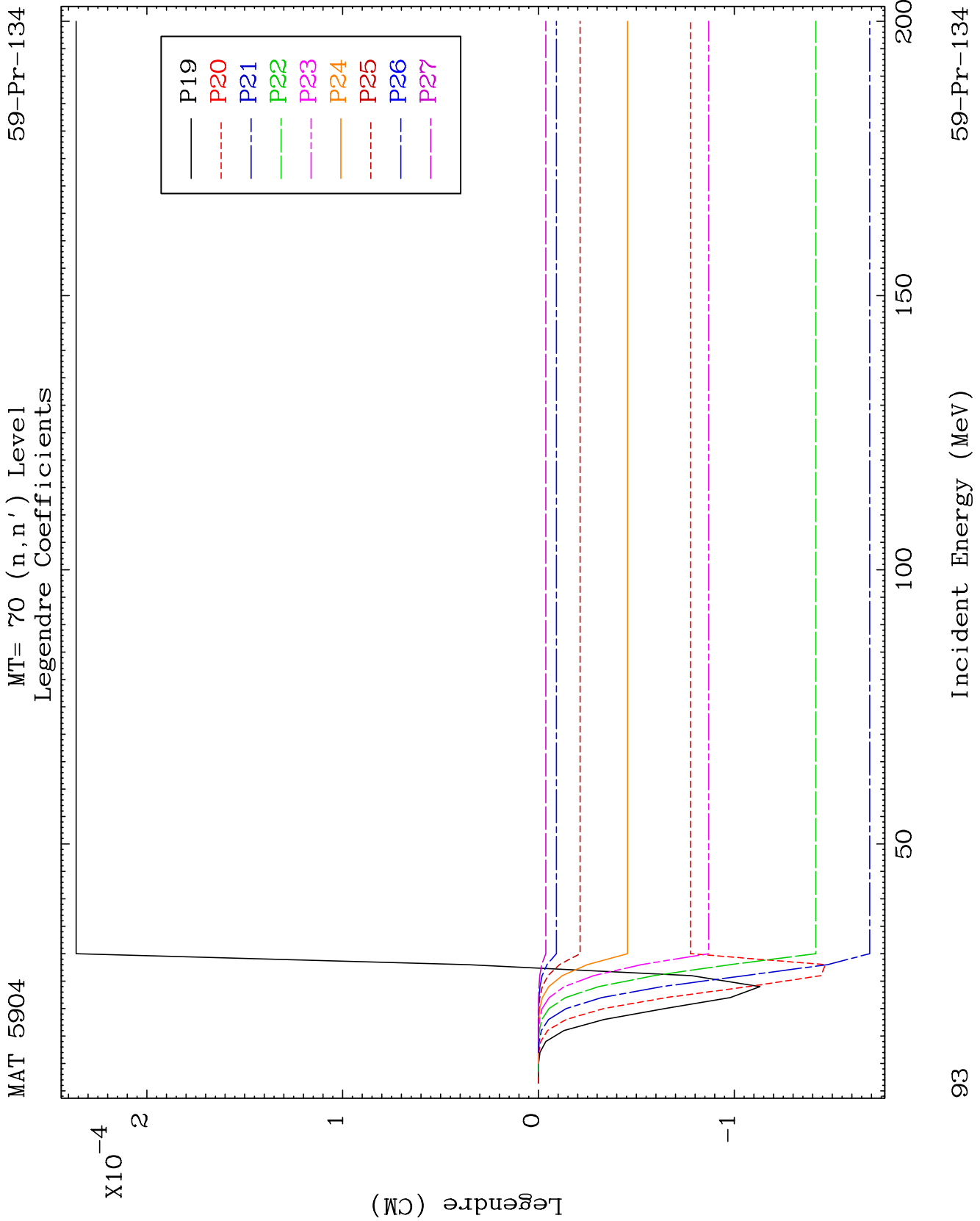


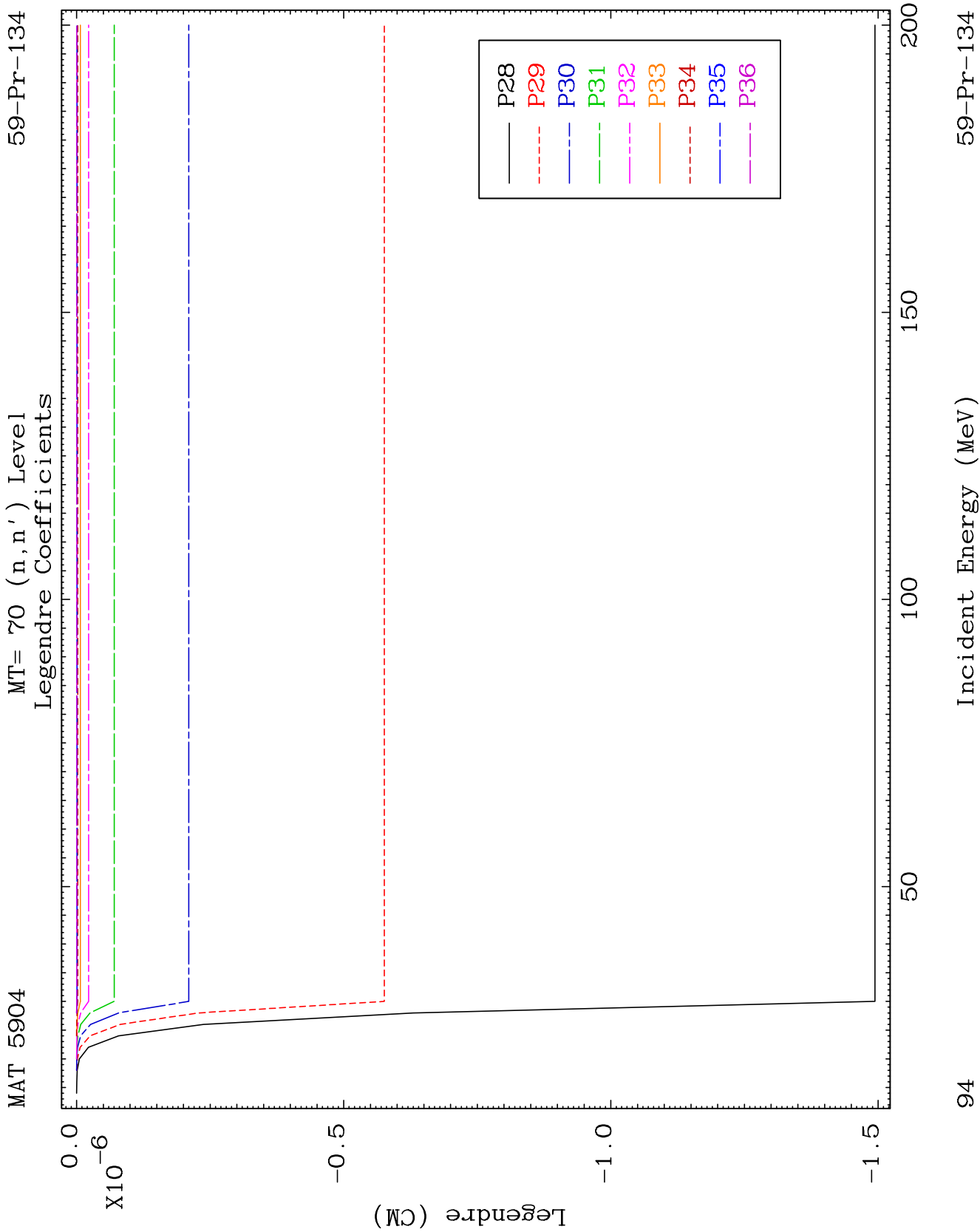
MAT 5904

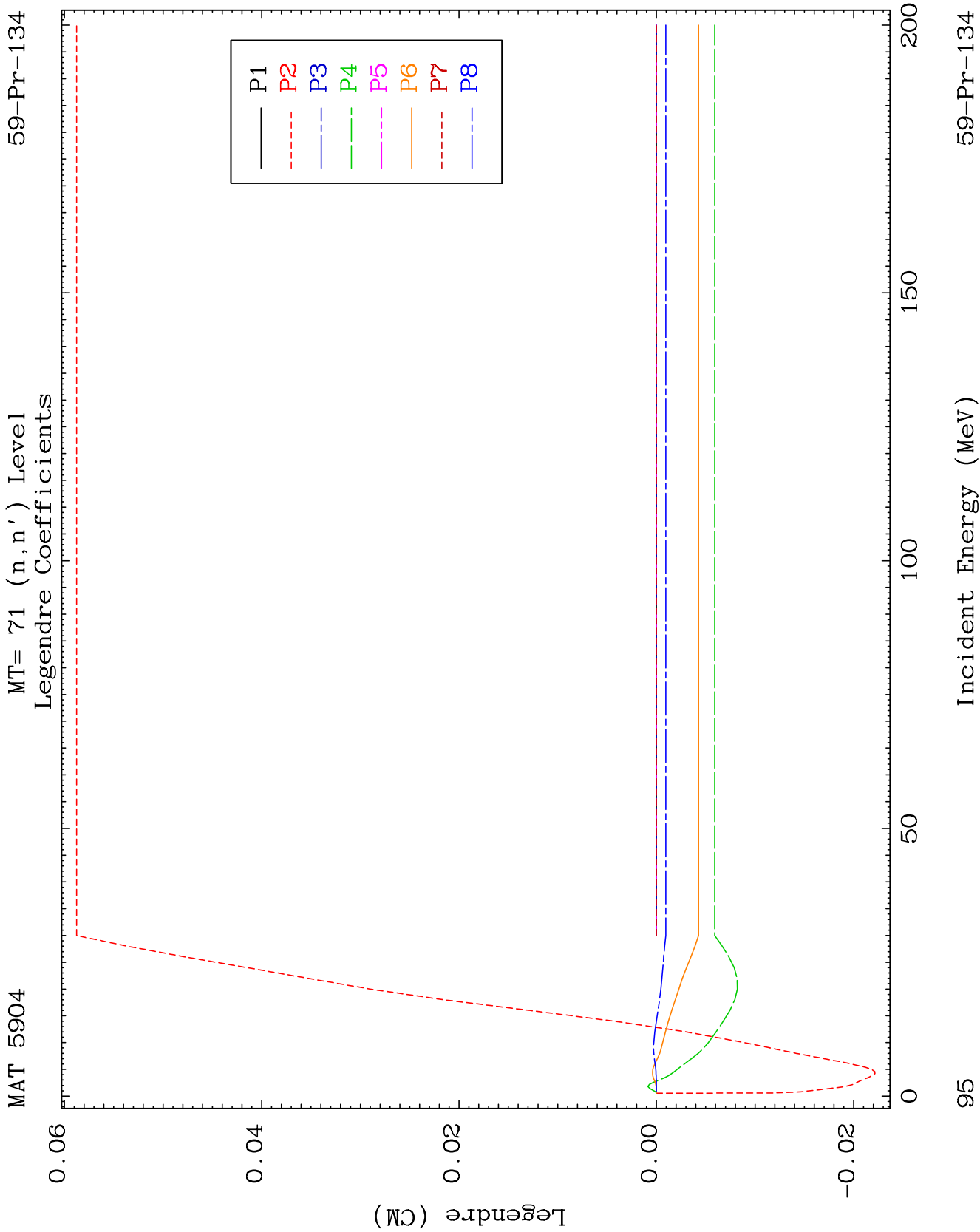
MT= 70 (n, n') Level
Legendre Coefficients

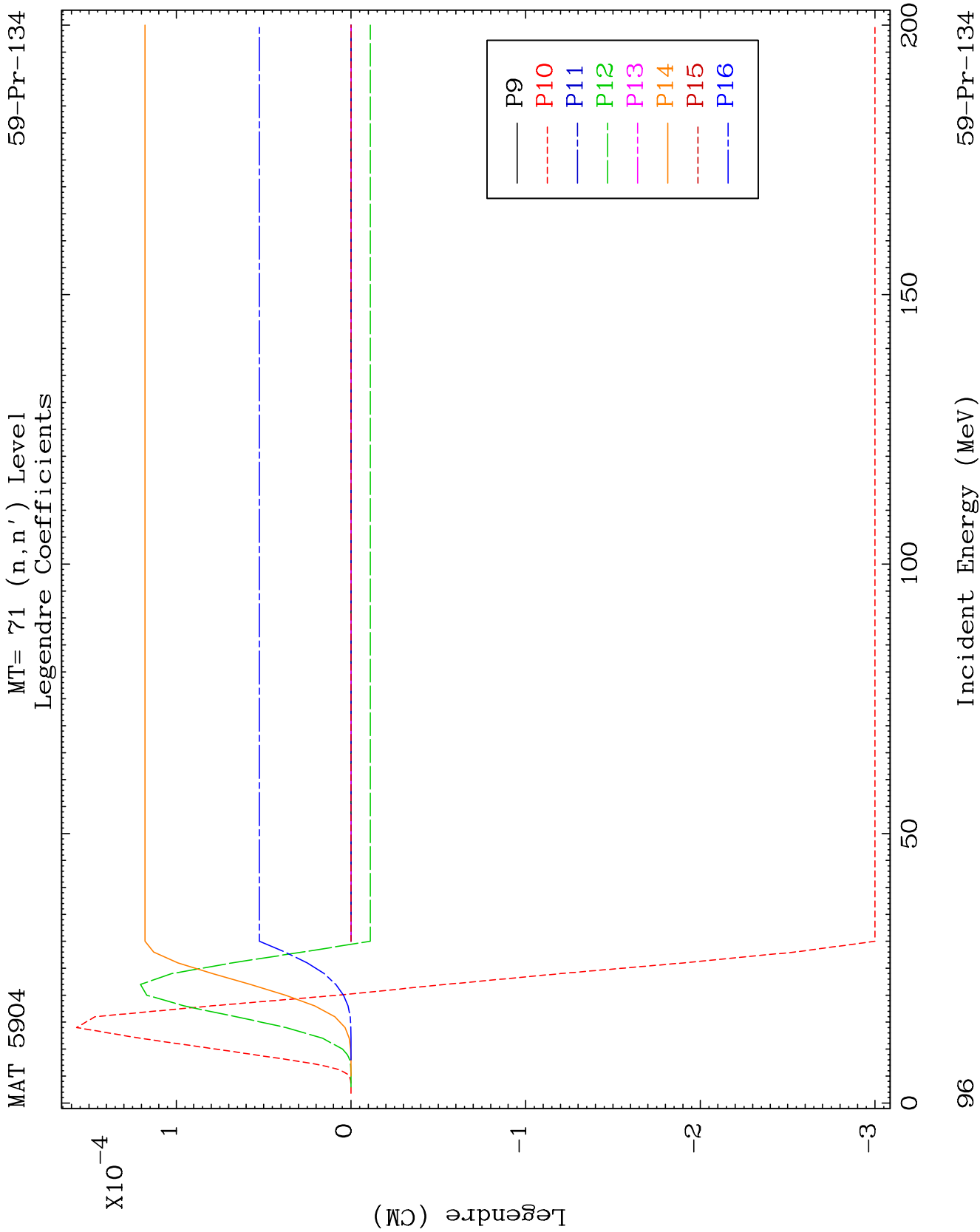
59-Pr-134

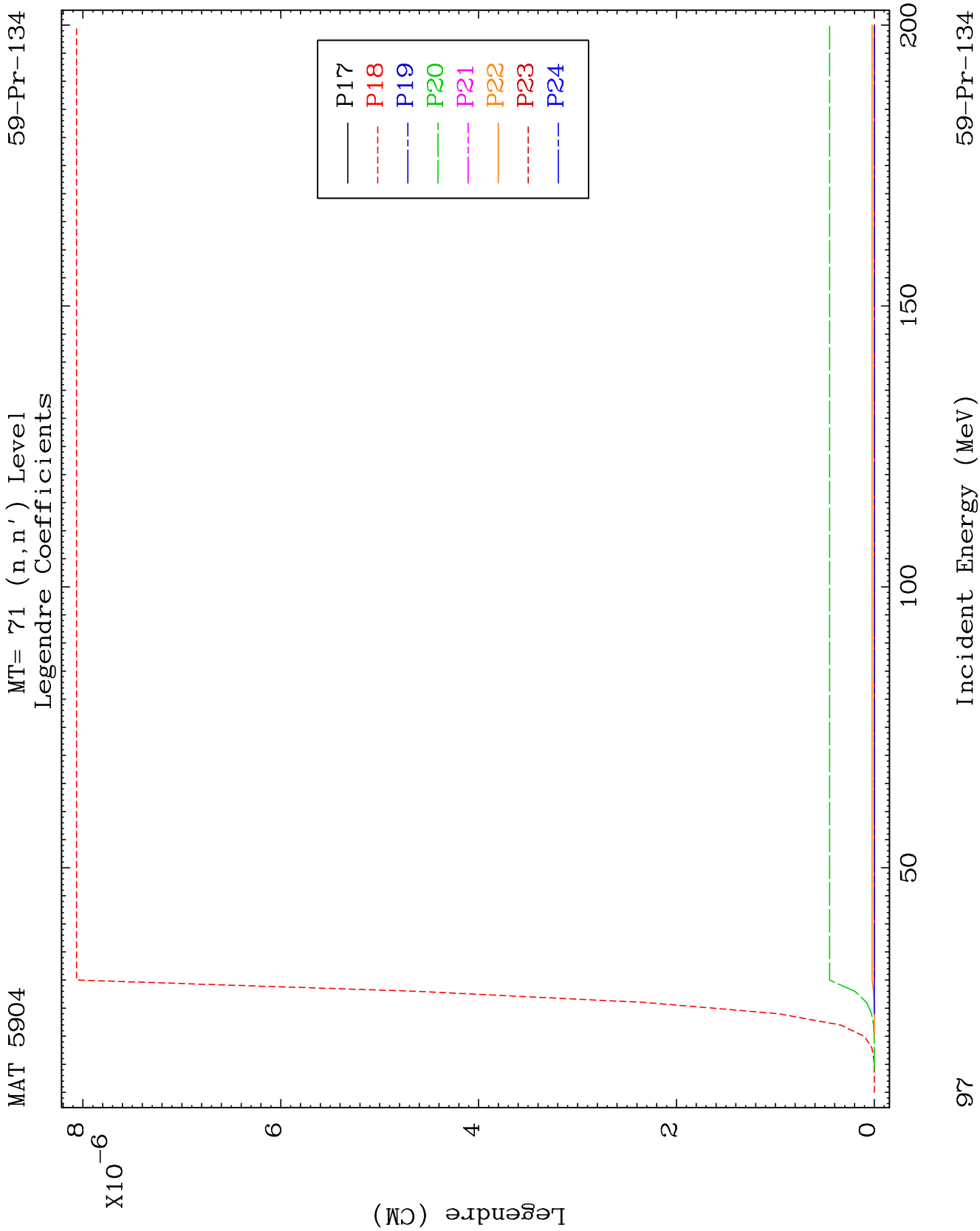


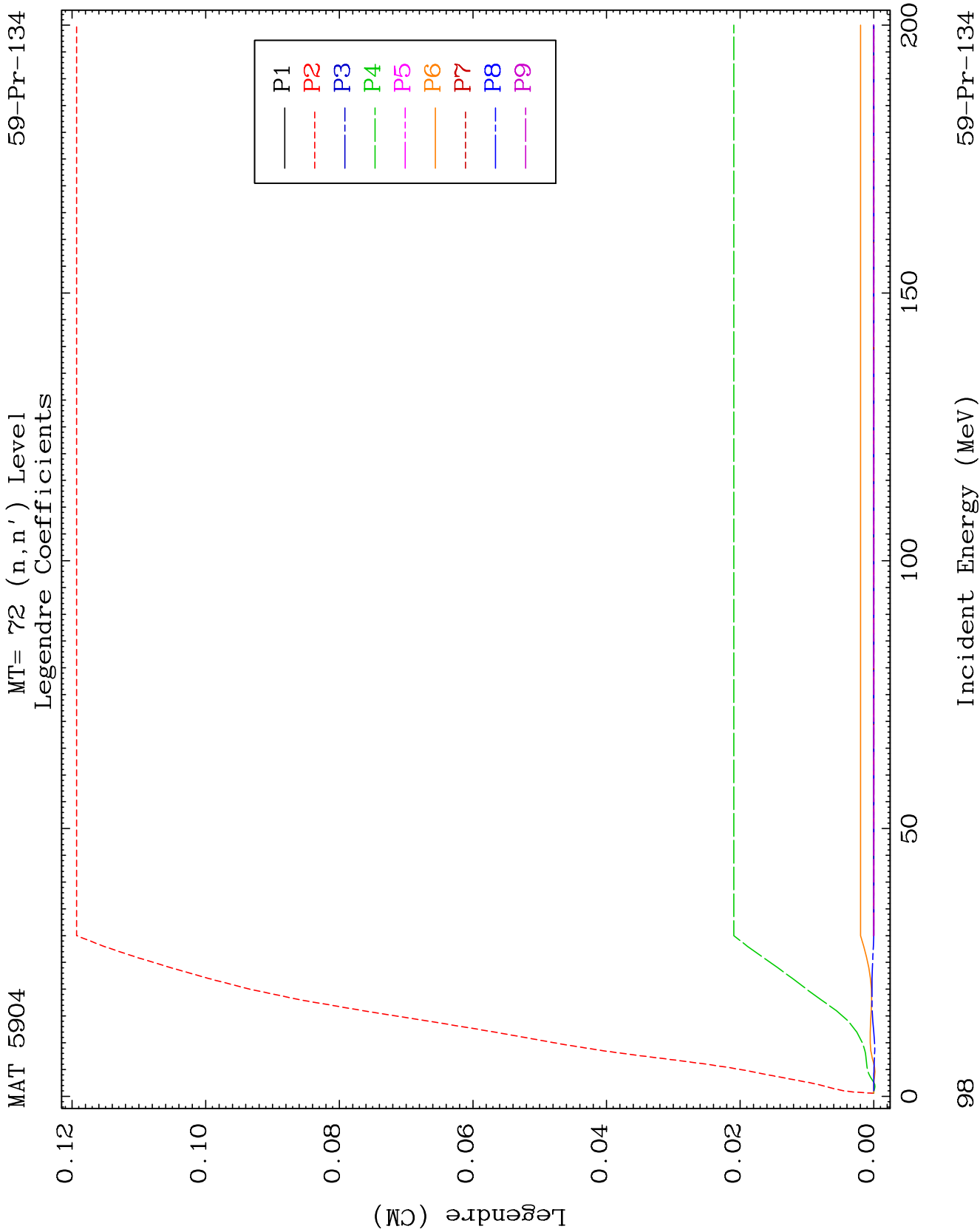


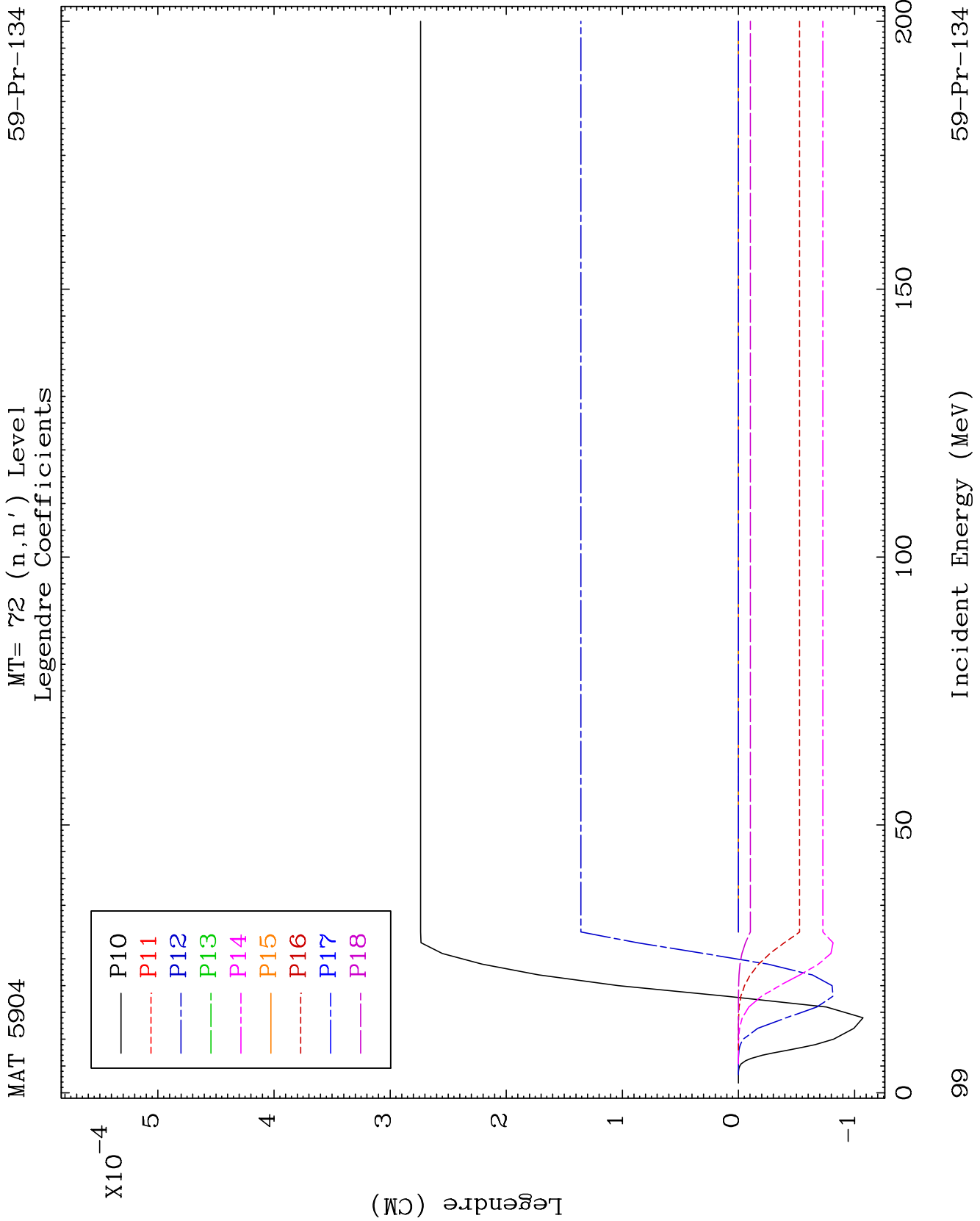


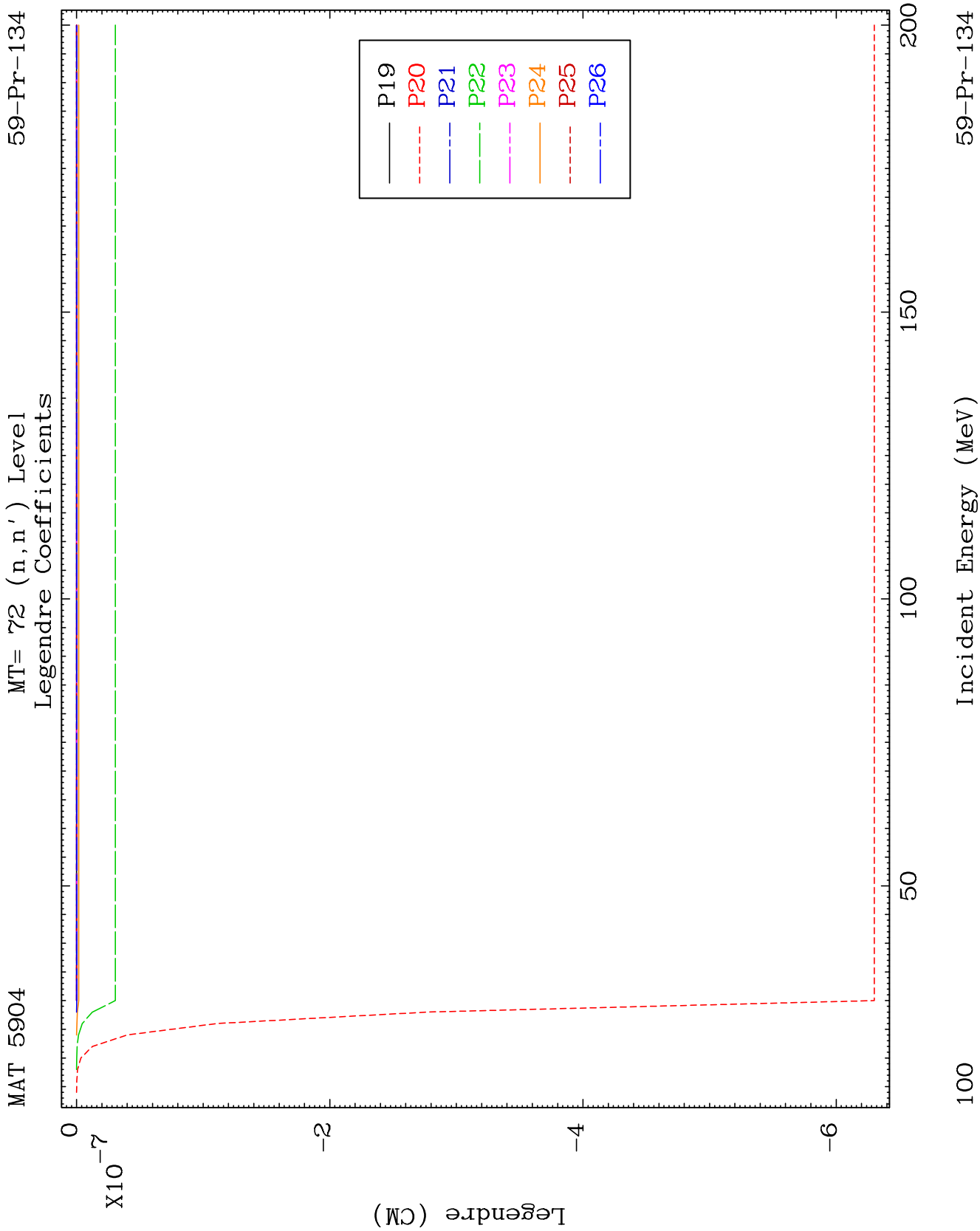








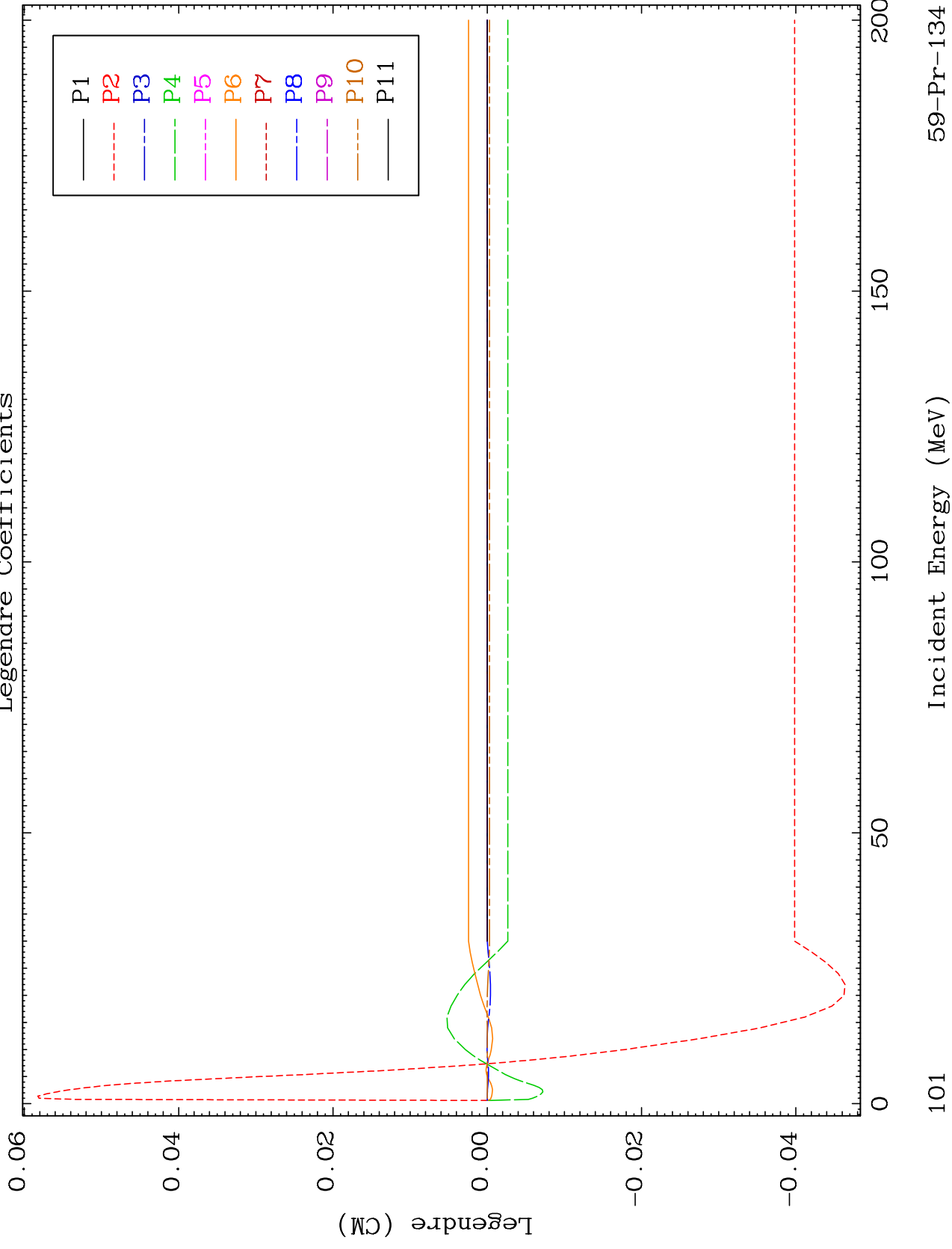


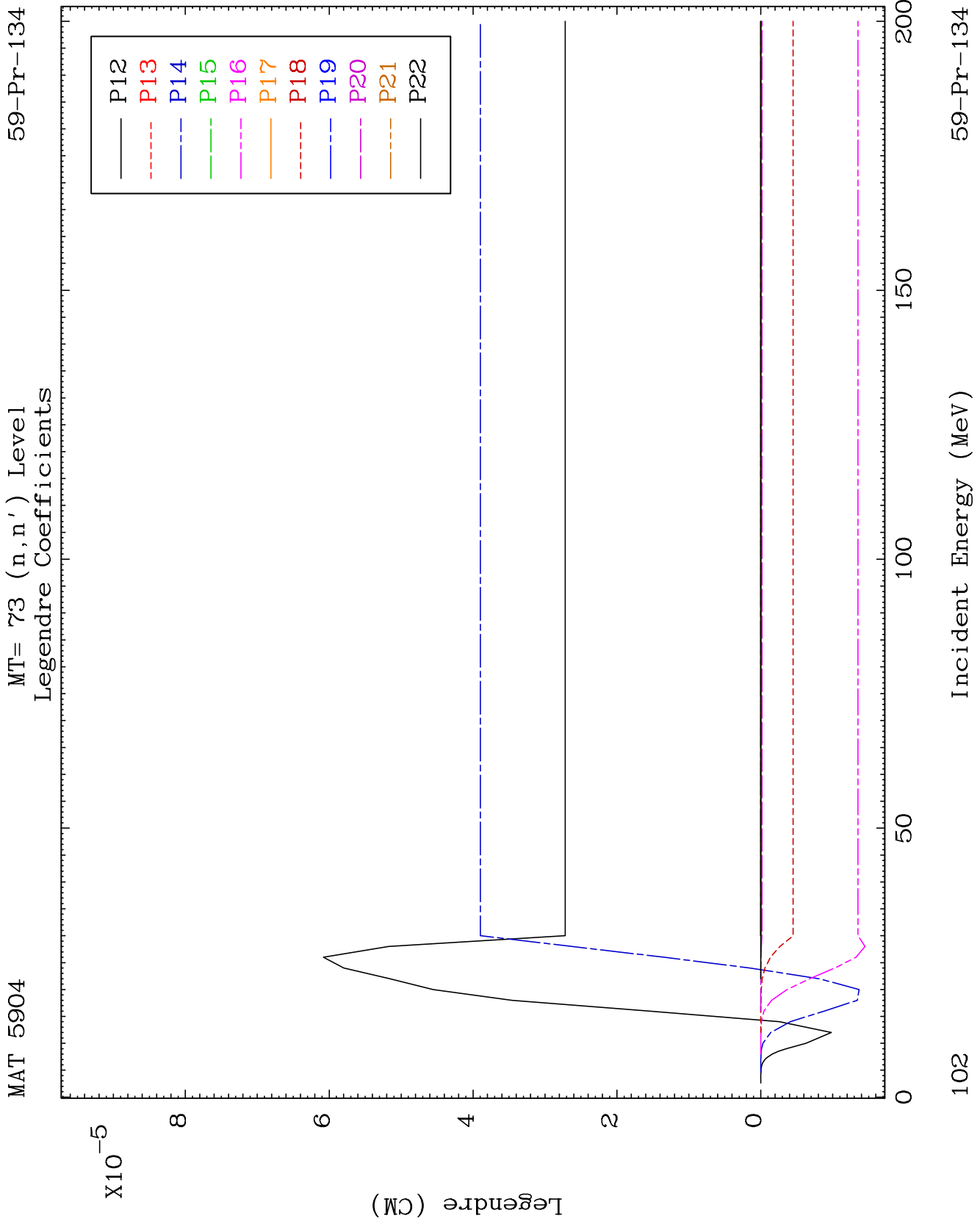


MAT 5904

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

59-Pr-134

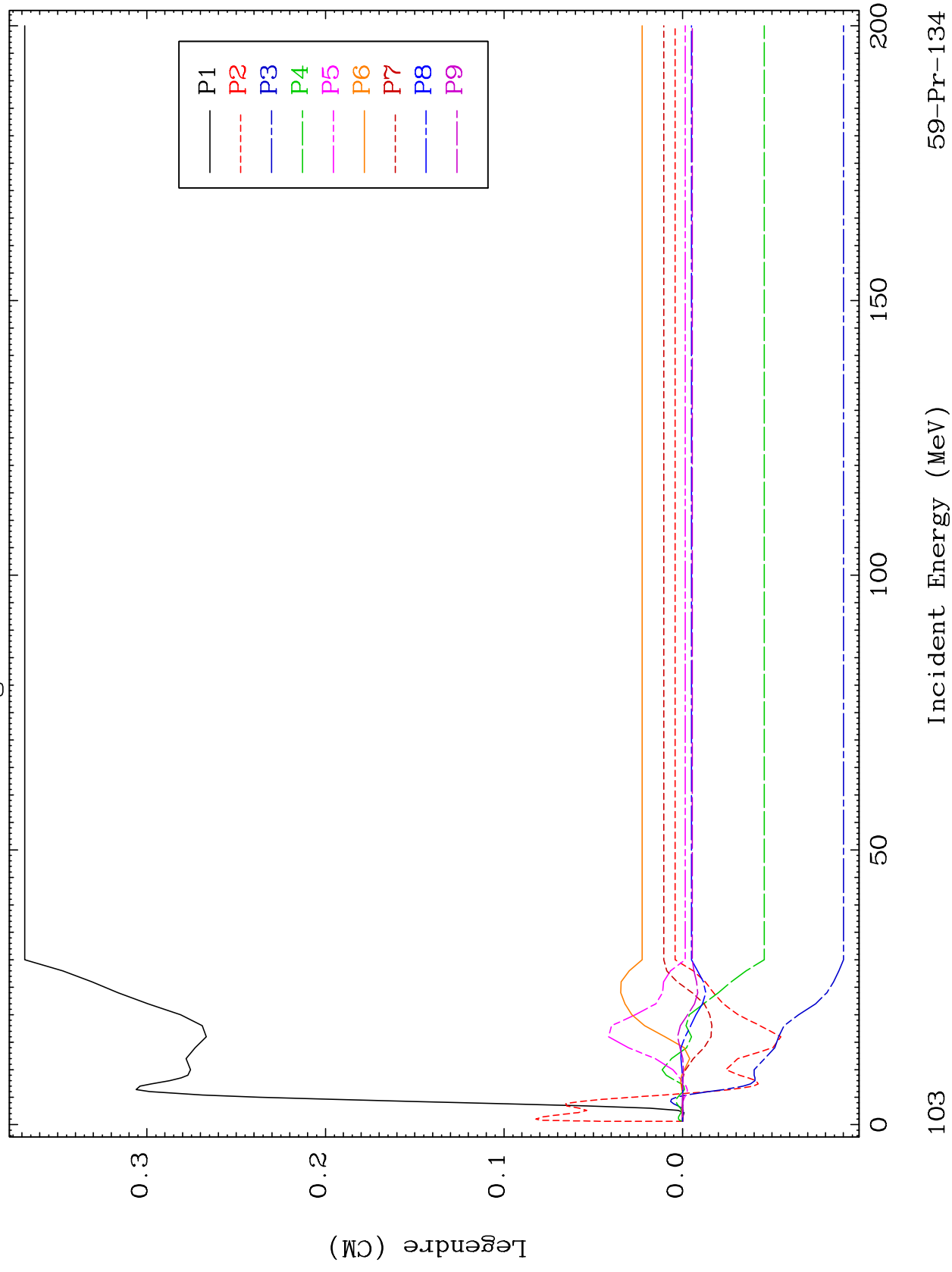


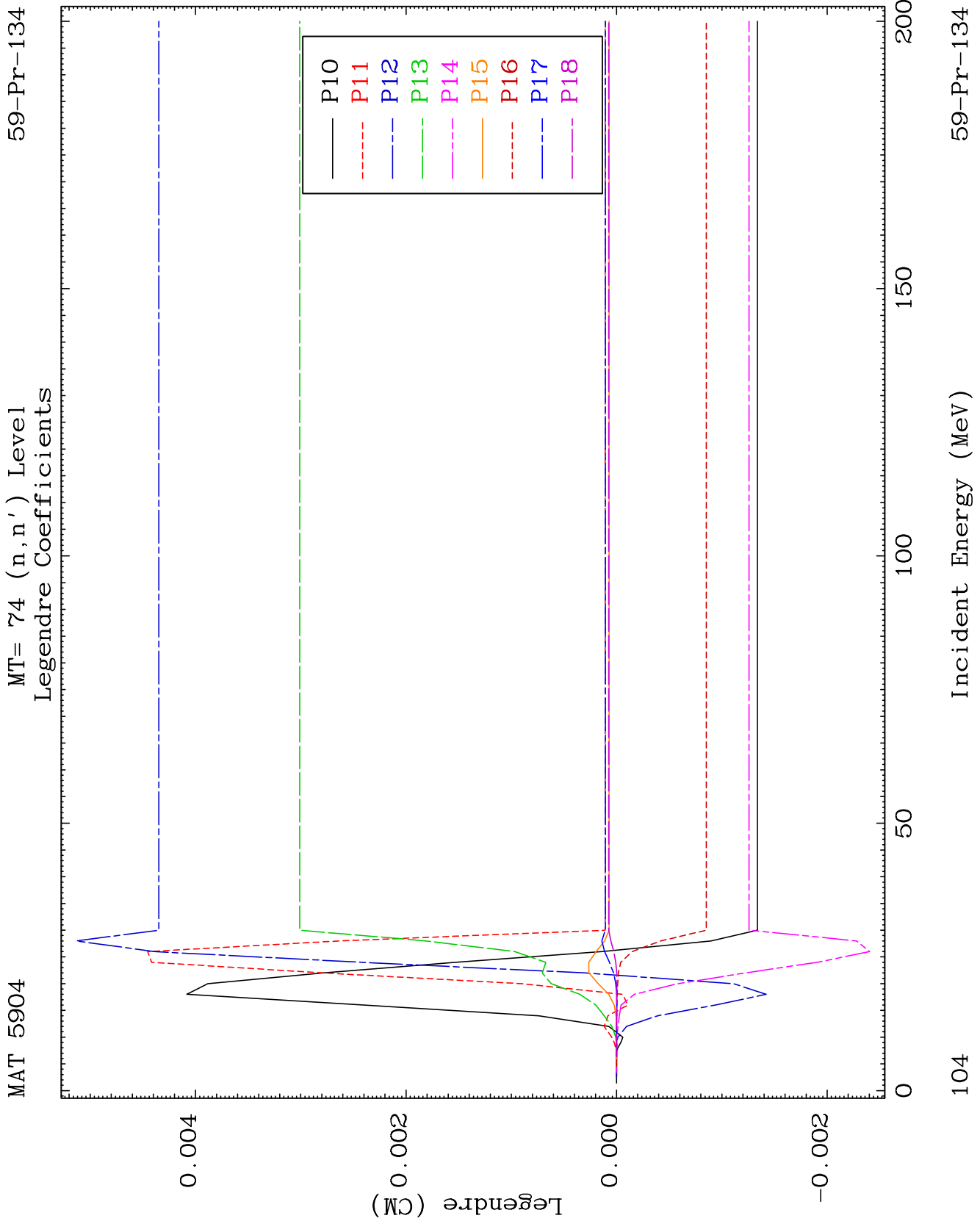


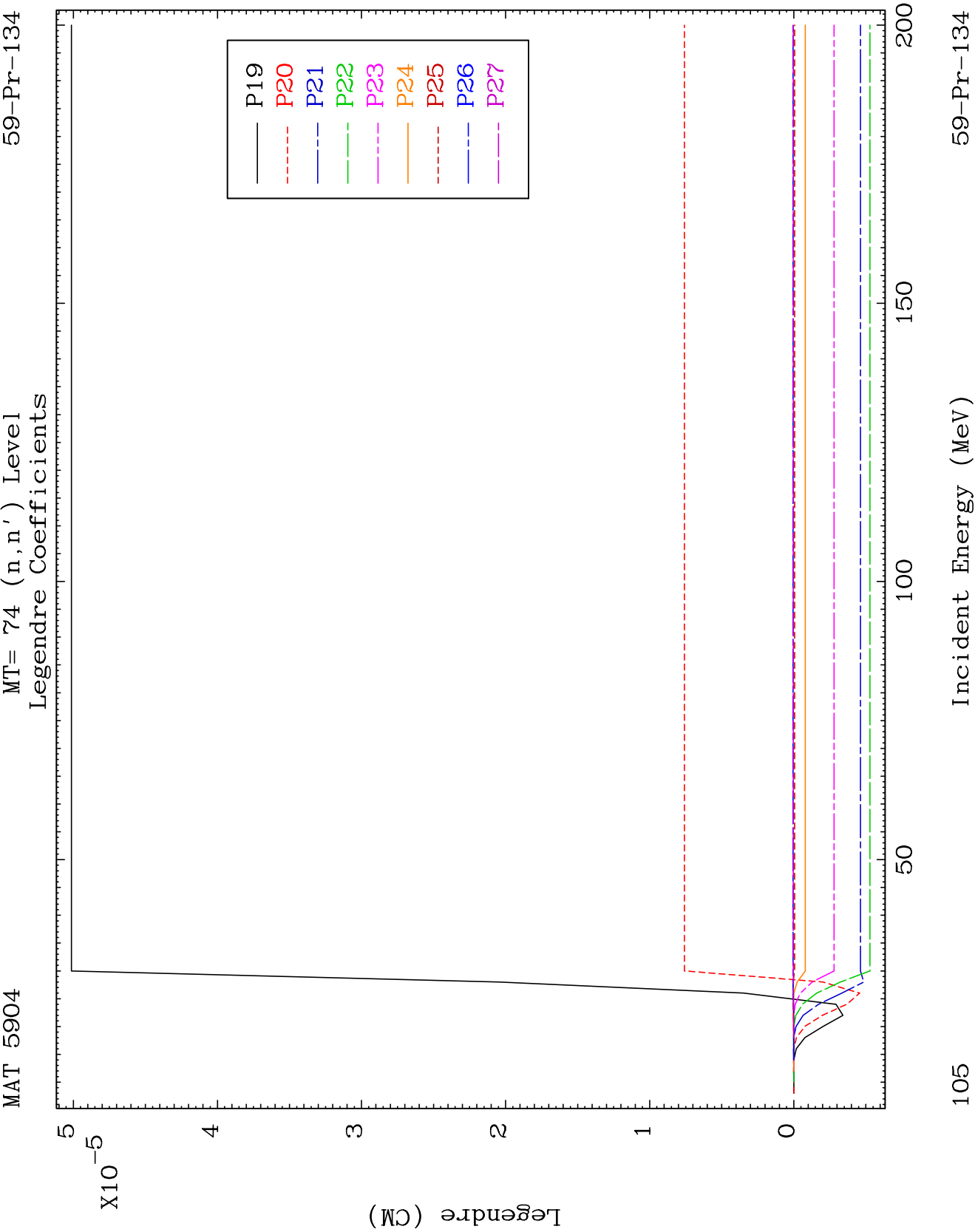
MAT 5904

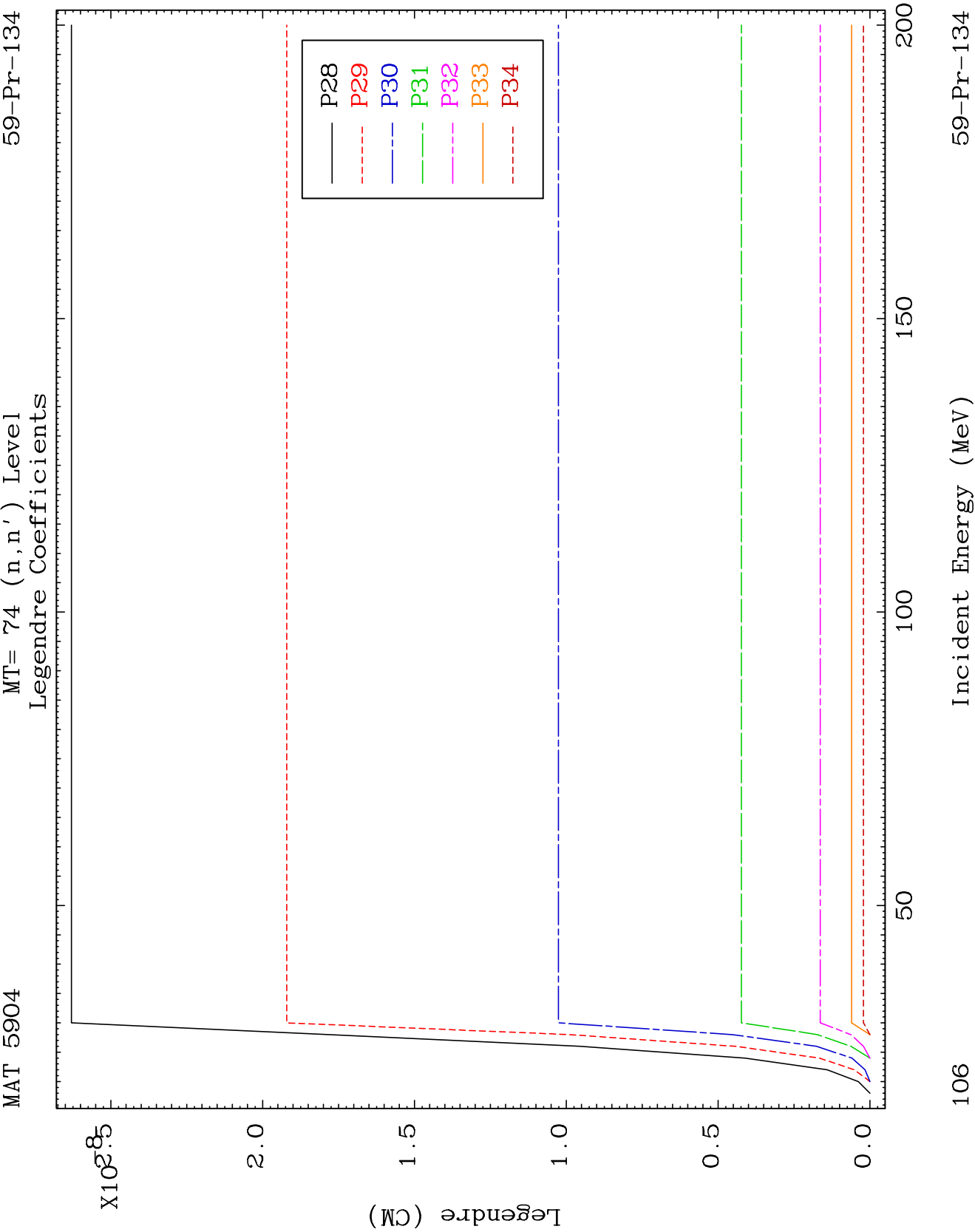
59-Pr-134

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





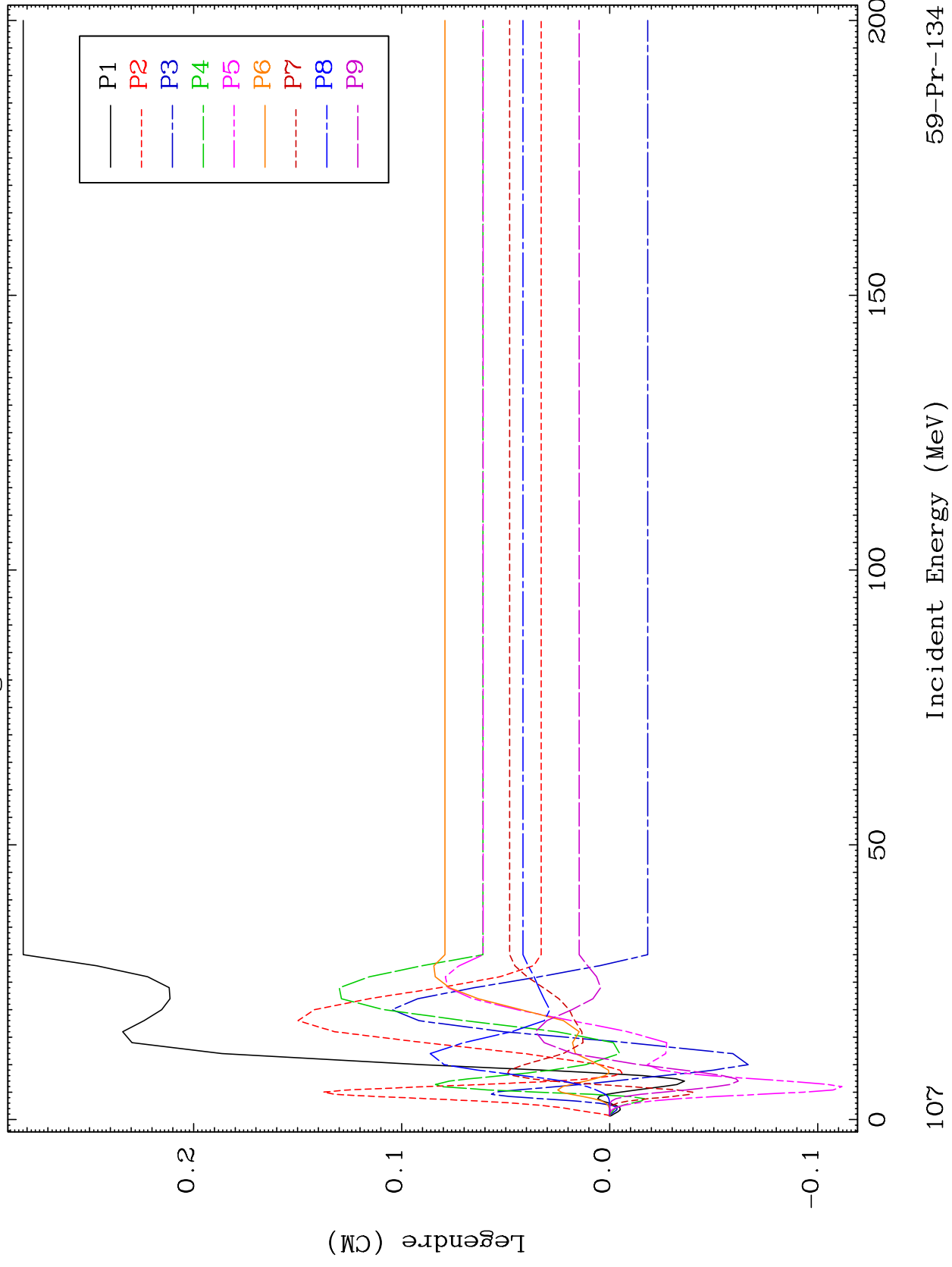


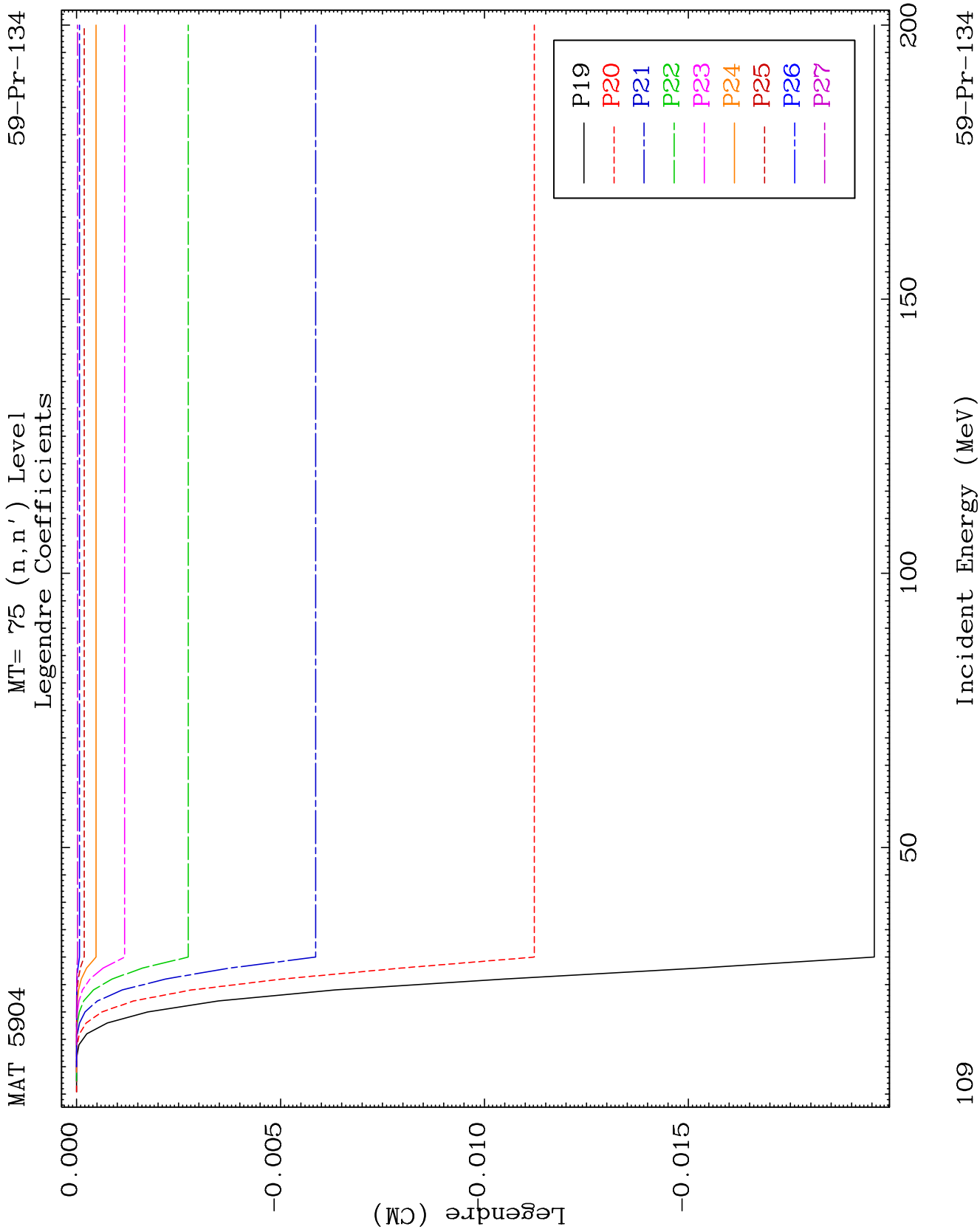


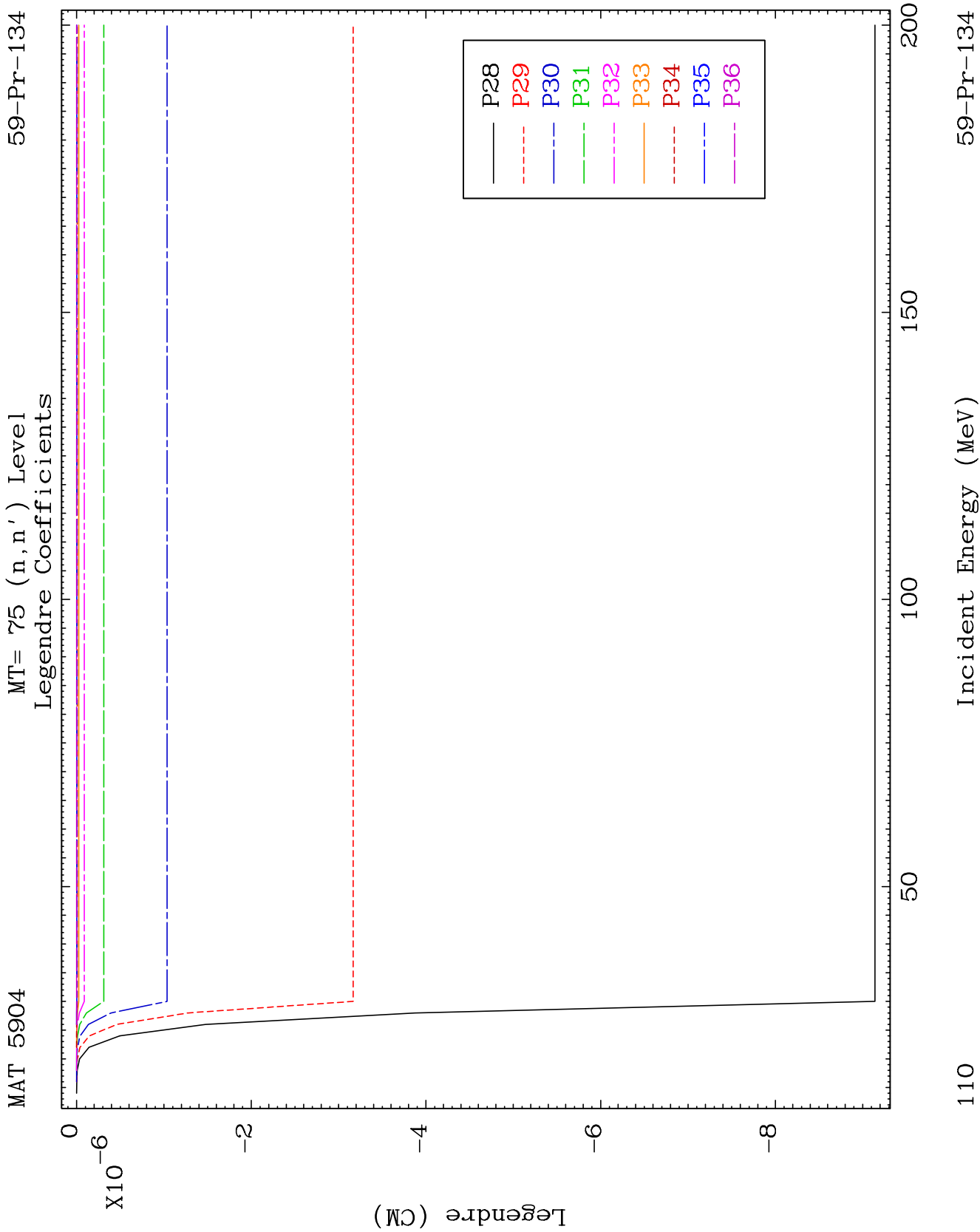
MAT 5904

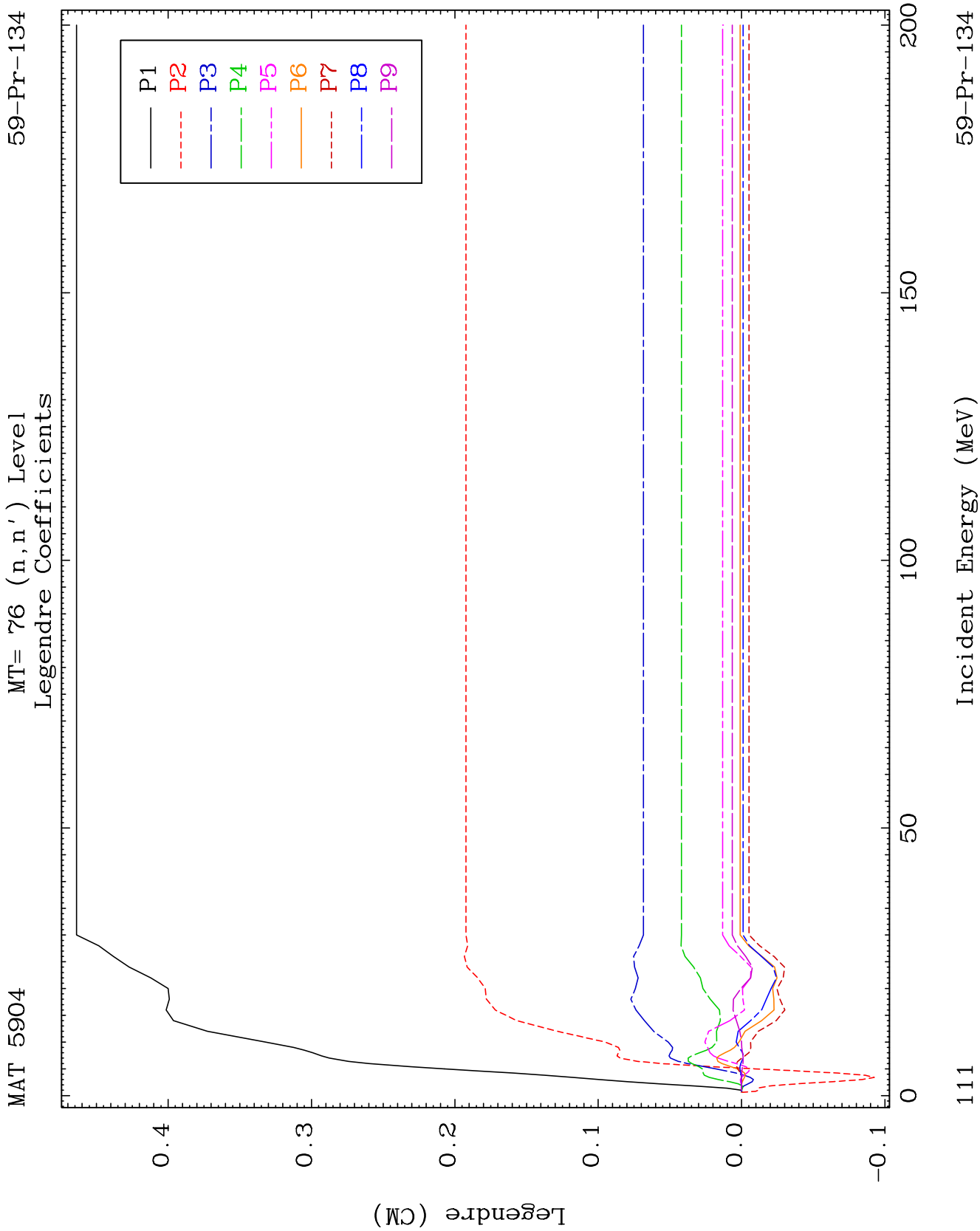
MT= 75 (n, n') Level
Legendre Coefficients

59-Pr-134





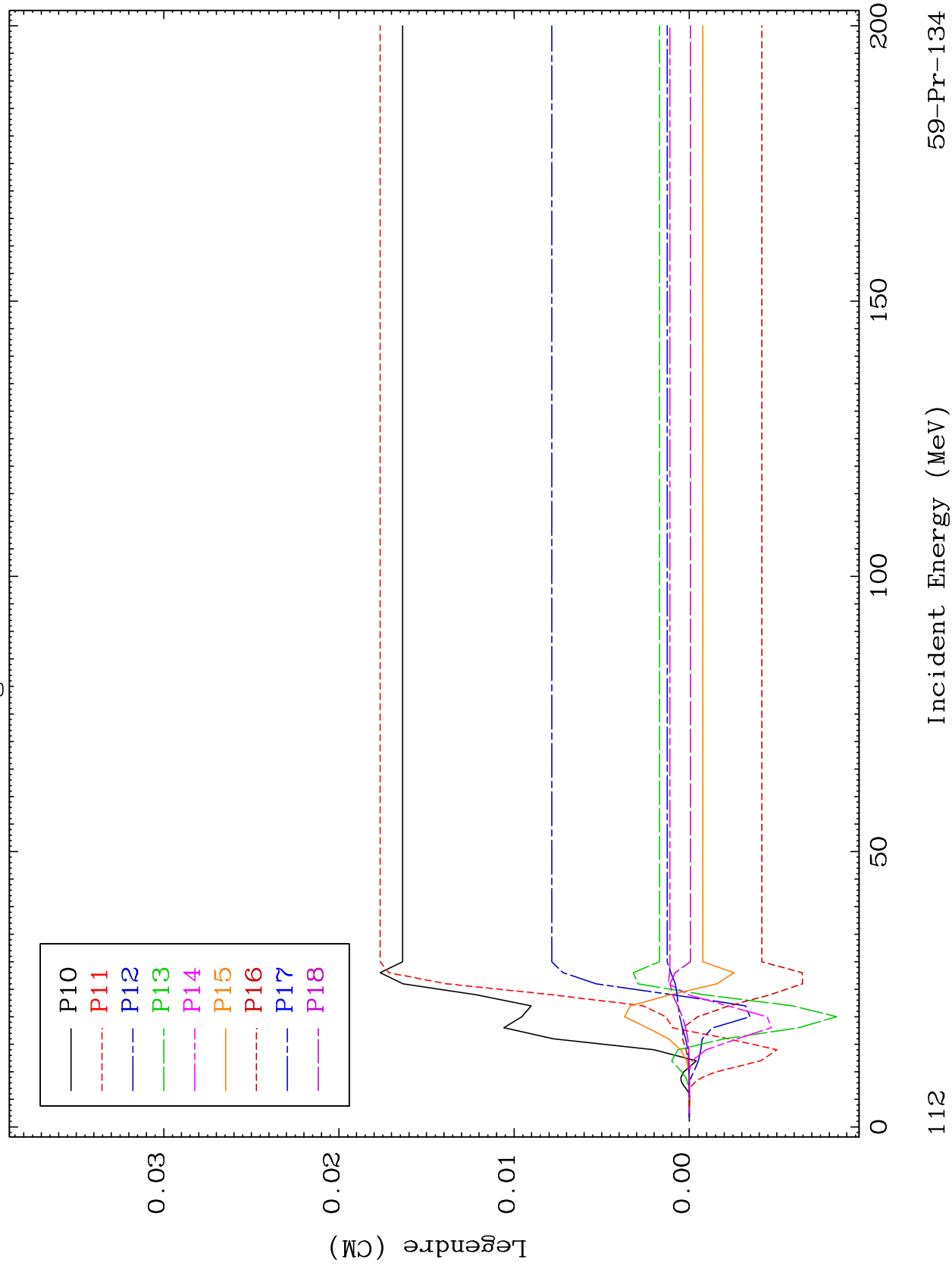




MAT 5904

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

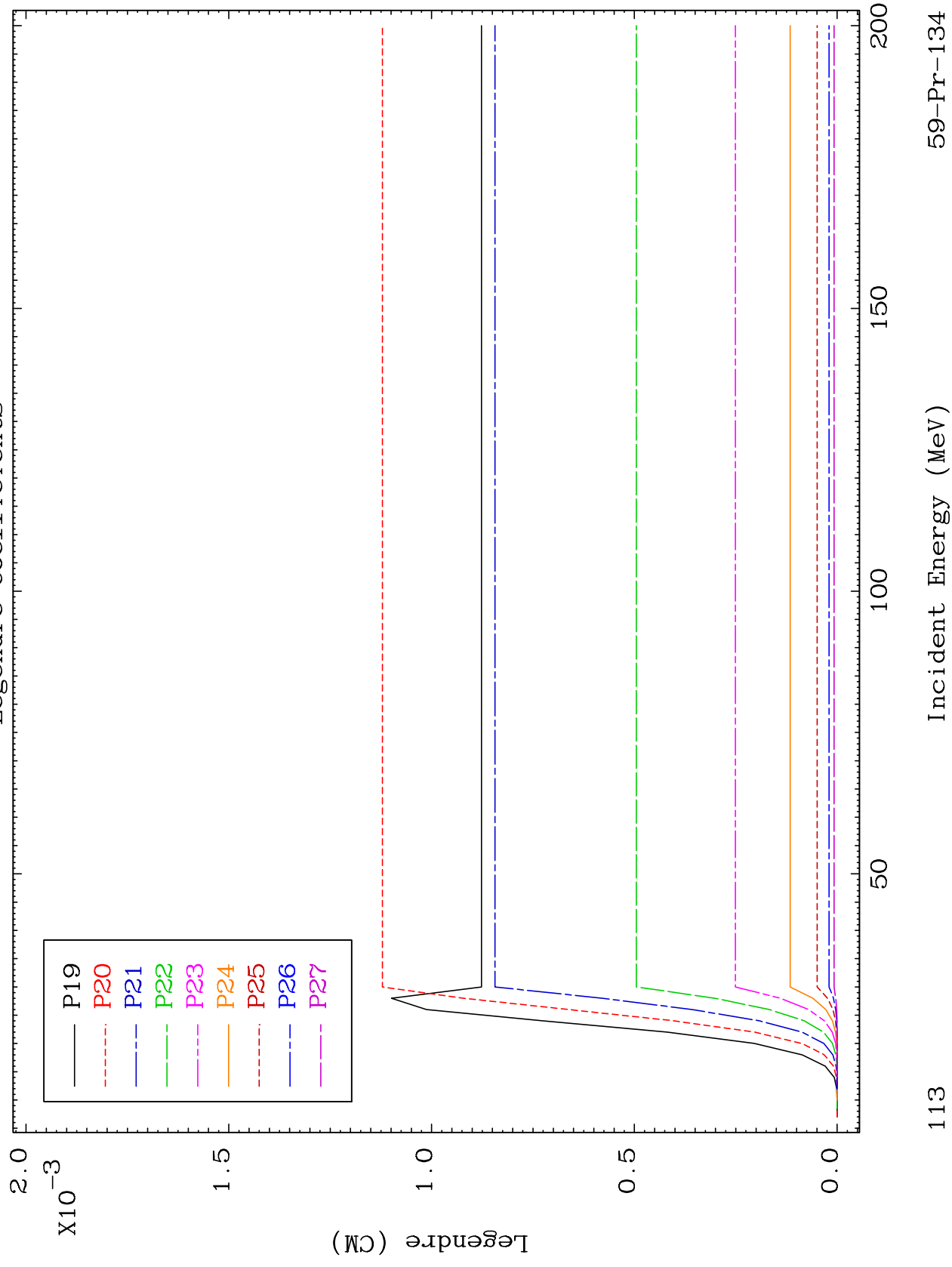
59-Pr-134



MAT 5904

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

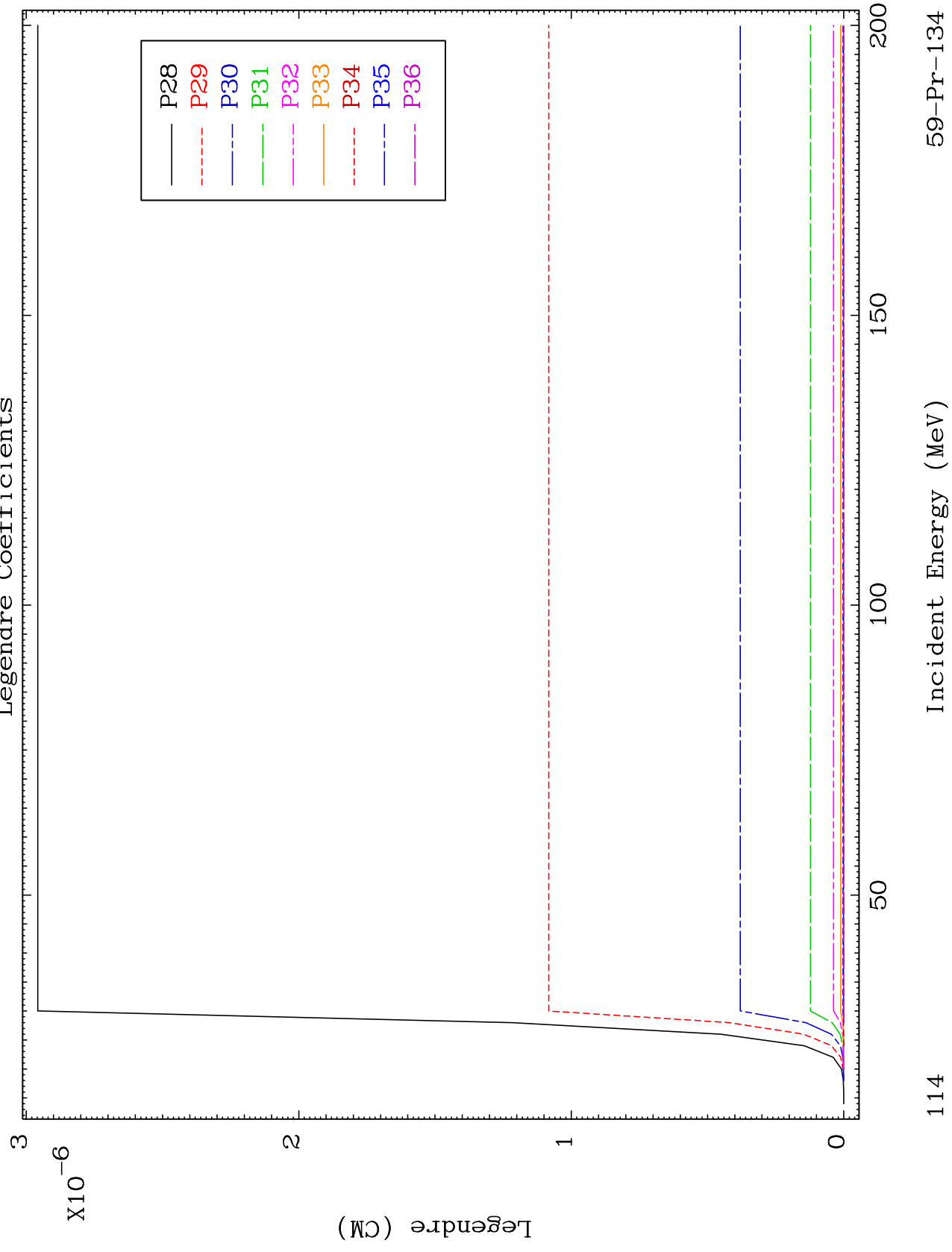
59-Pr-134

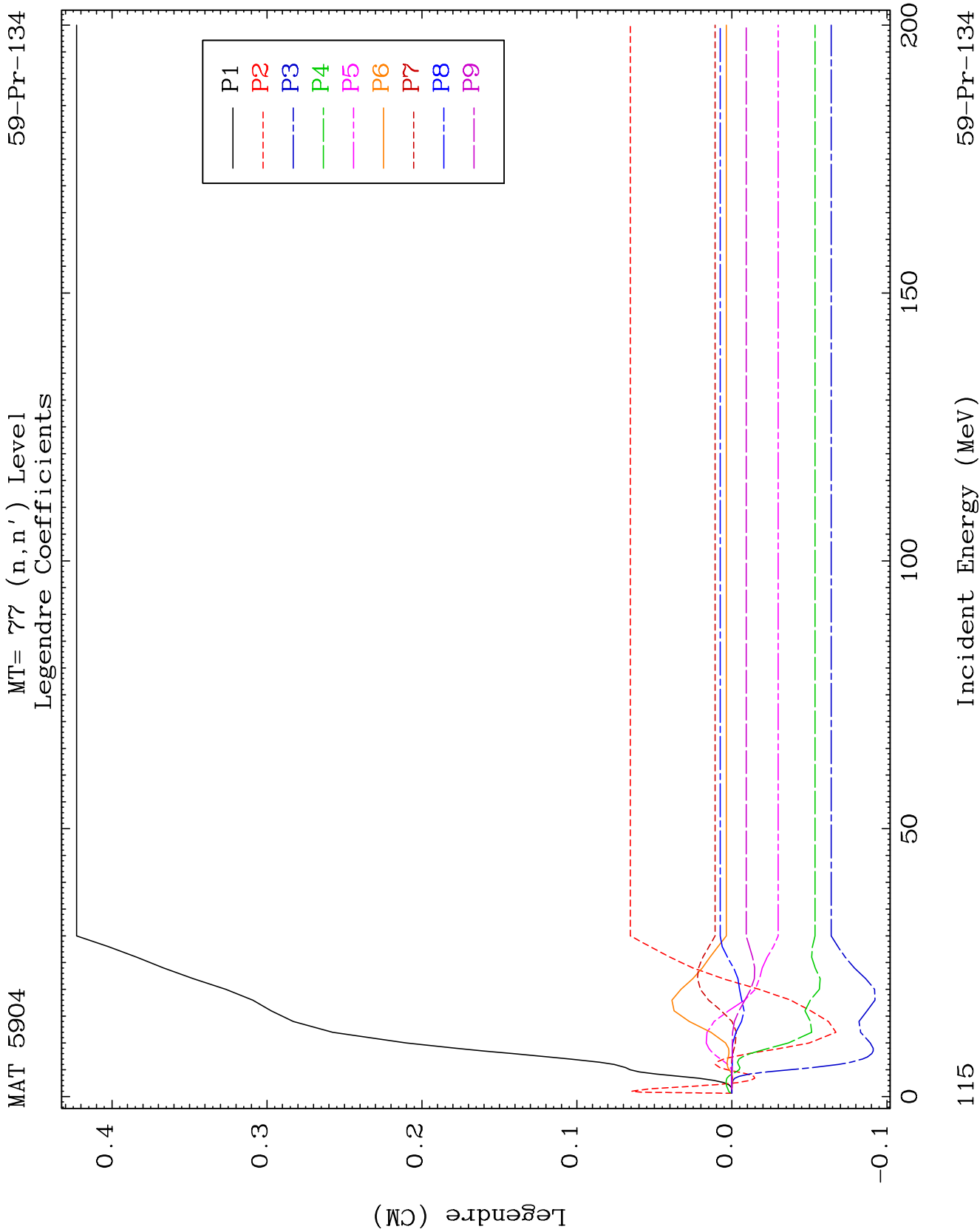


MAT 5904

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

59-Pr-134

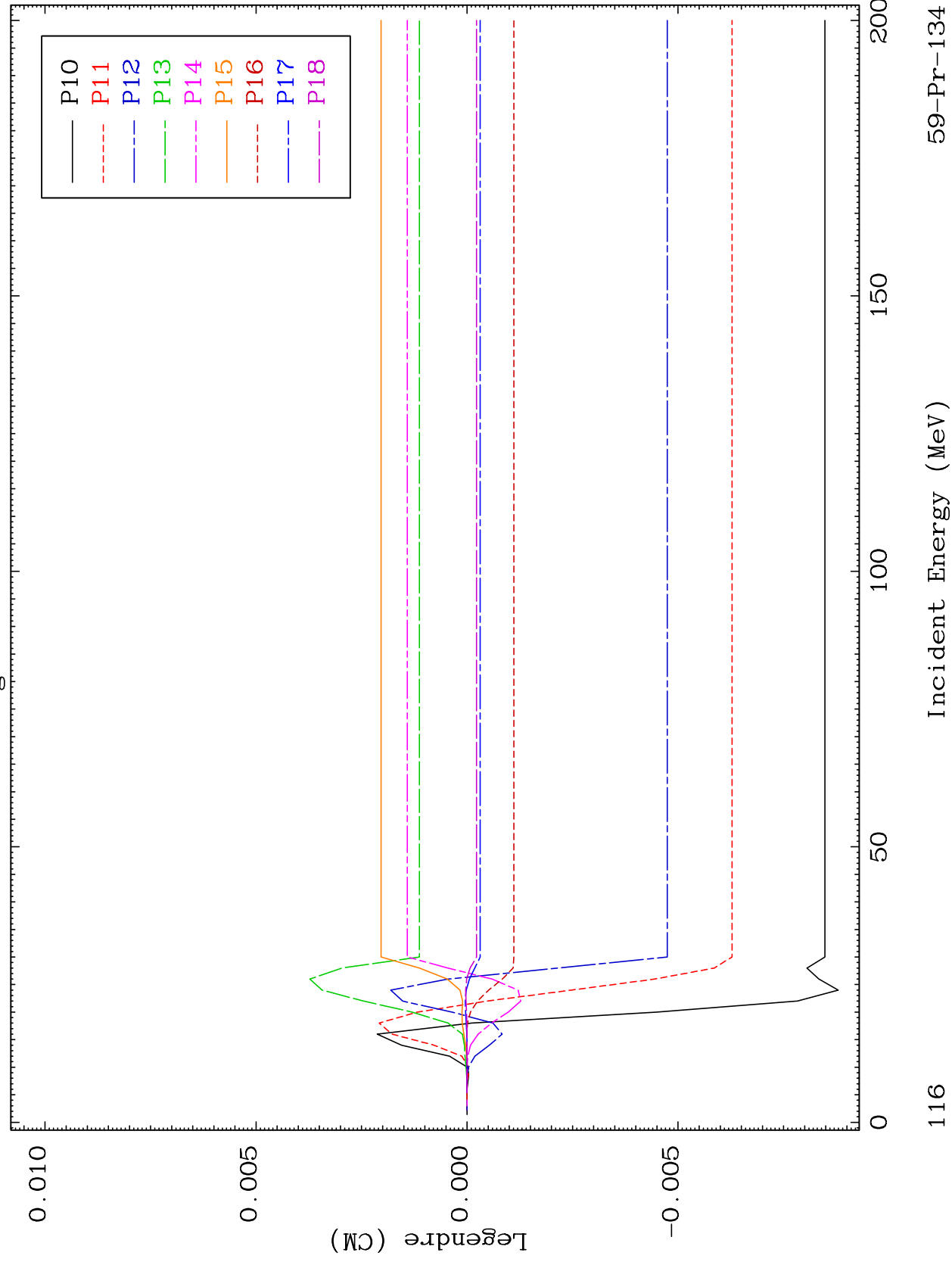




MAT 5904

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

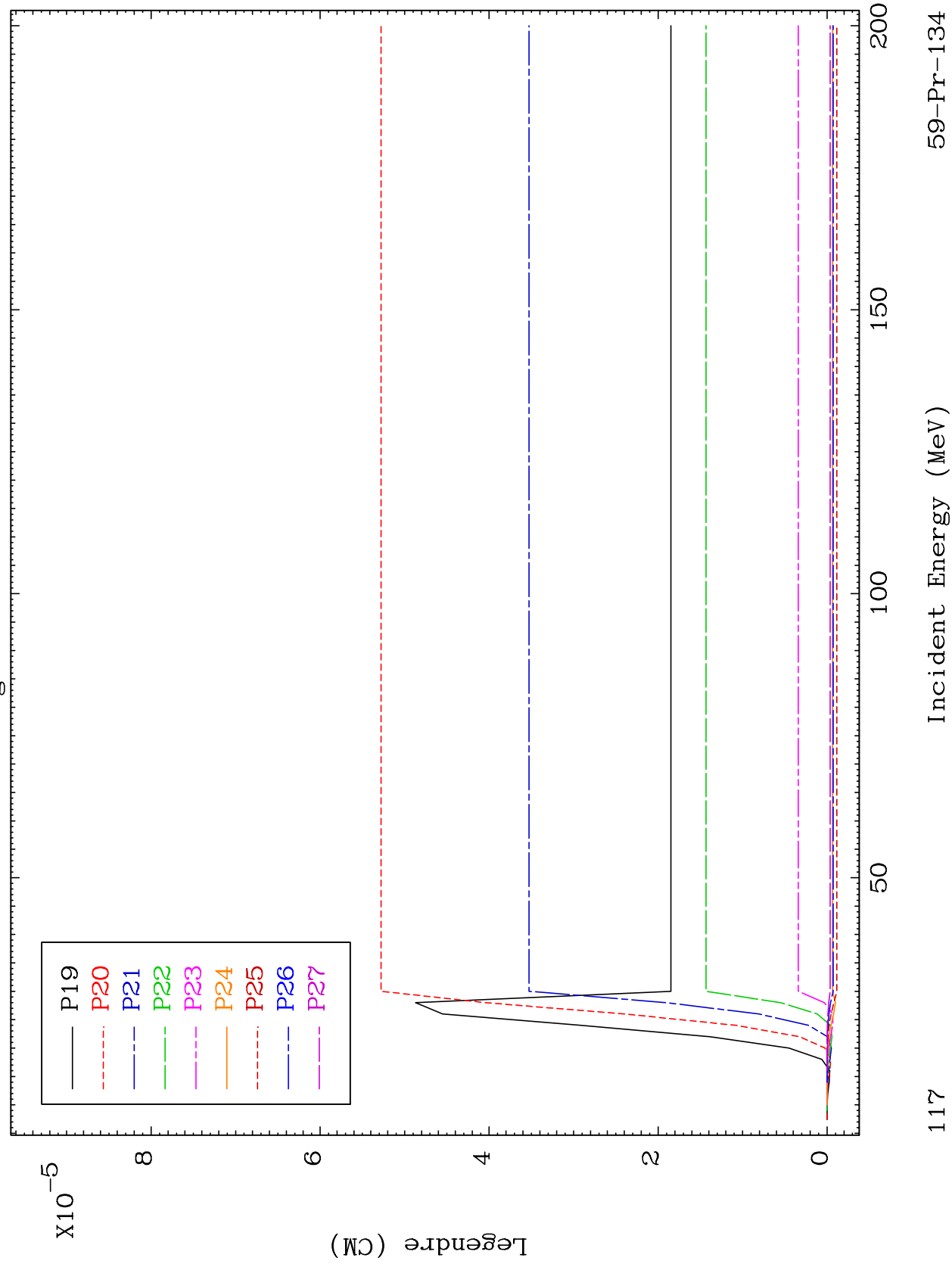
59-Pr-134

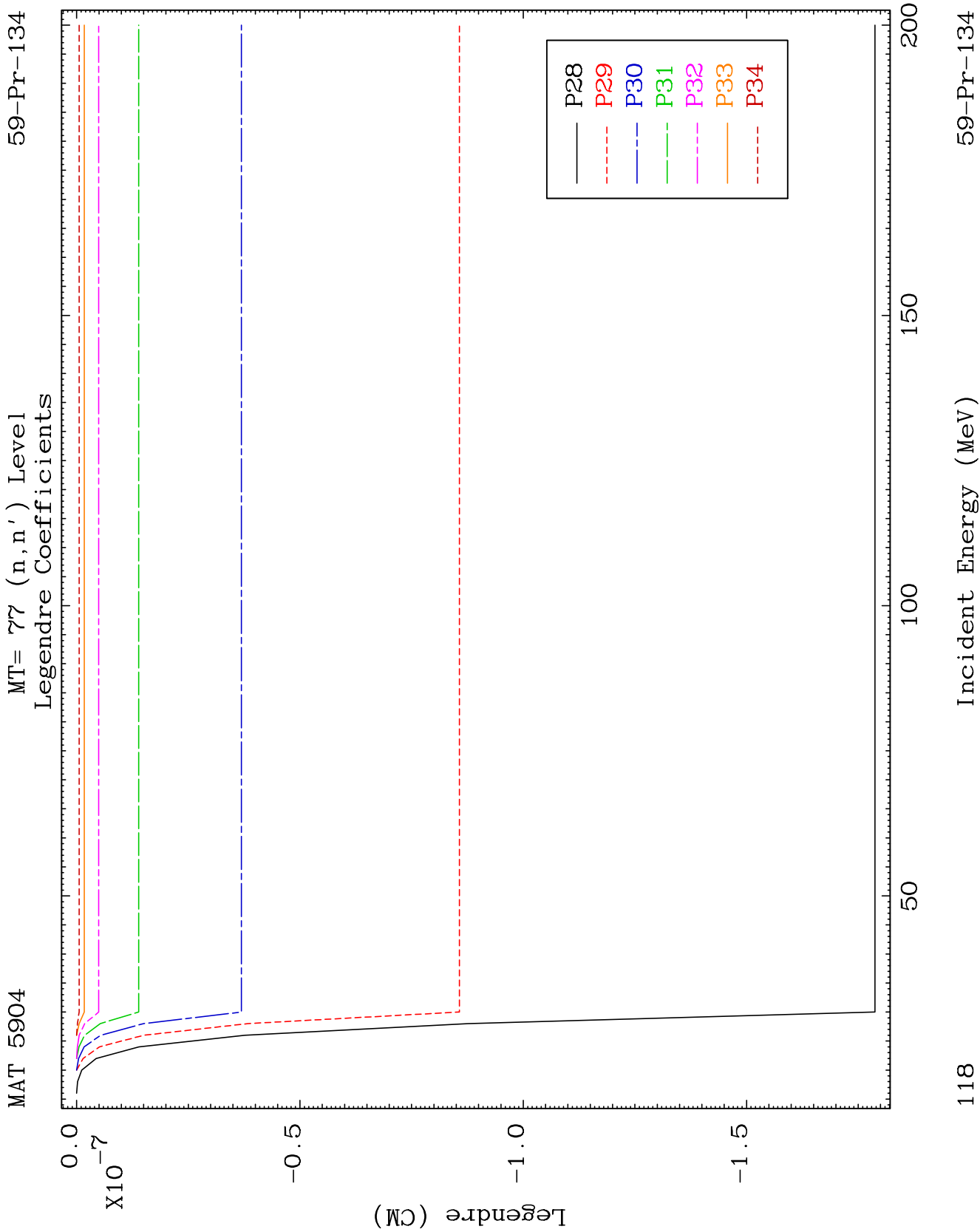


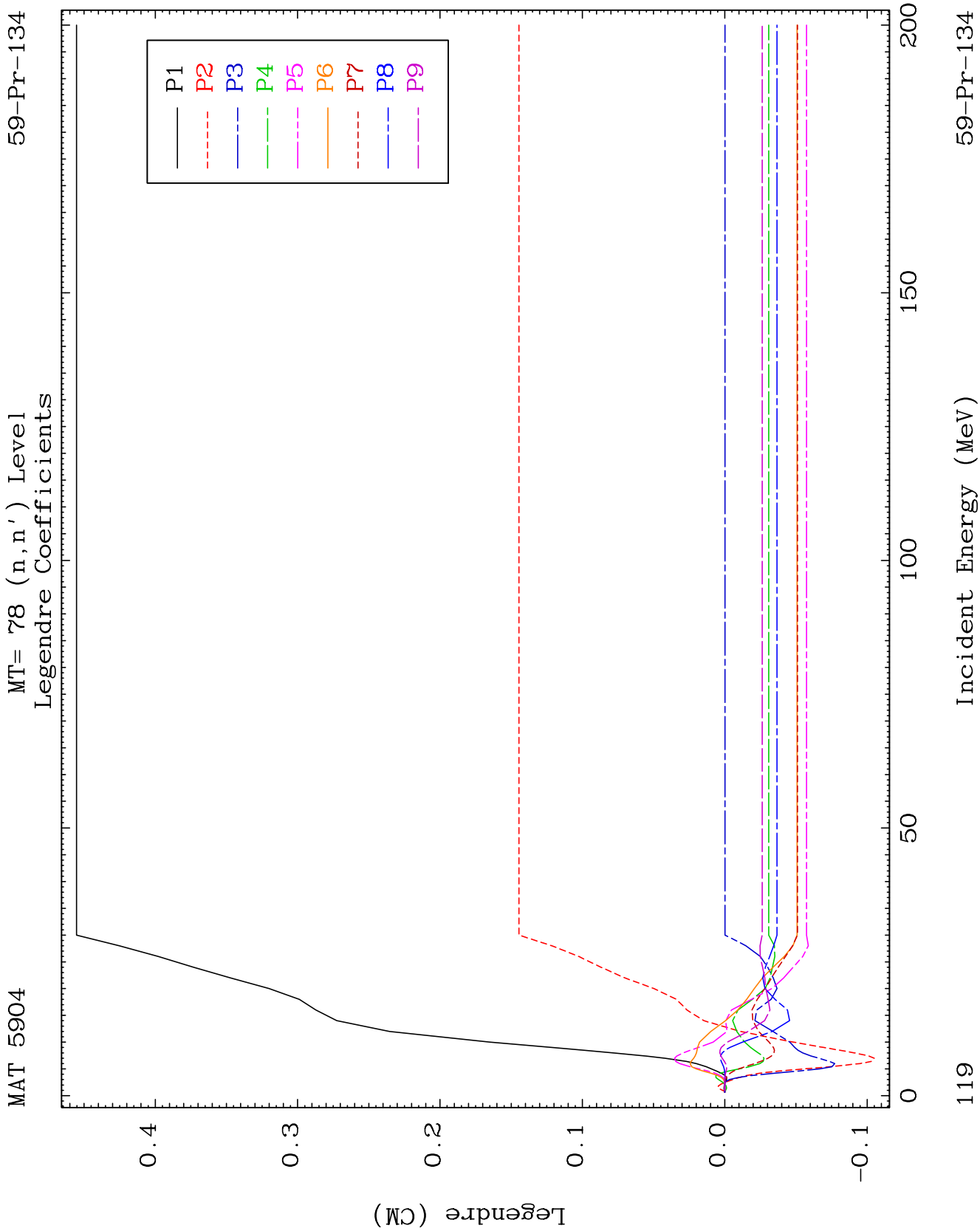
MAT 5904

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

59-Pr-134



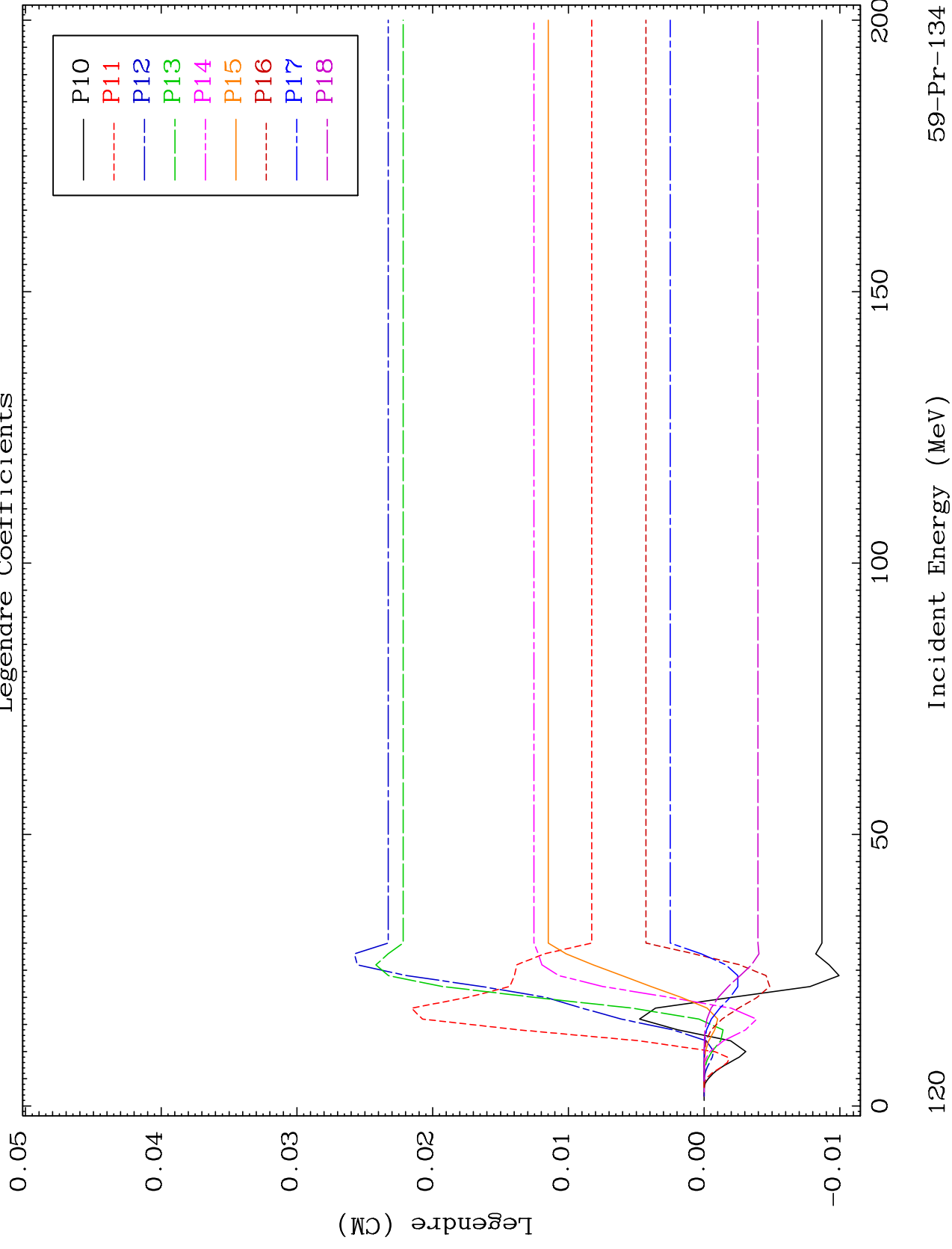


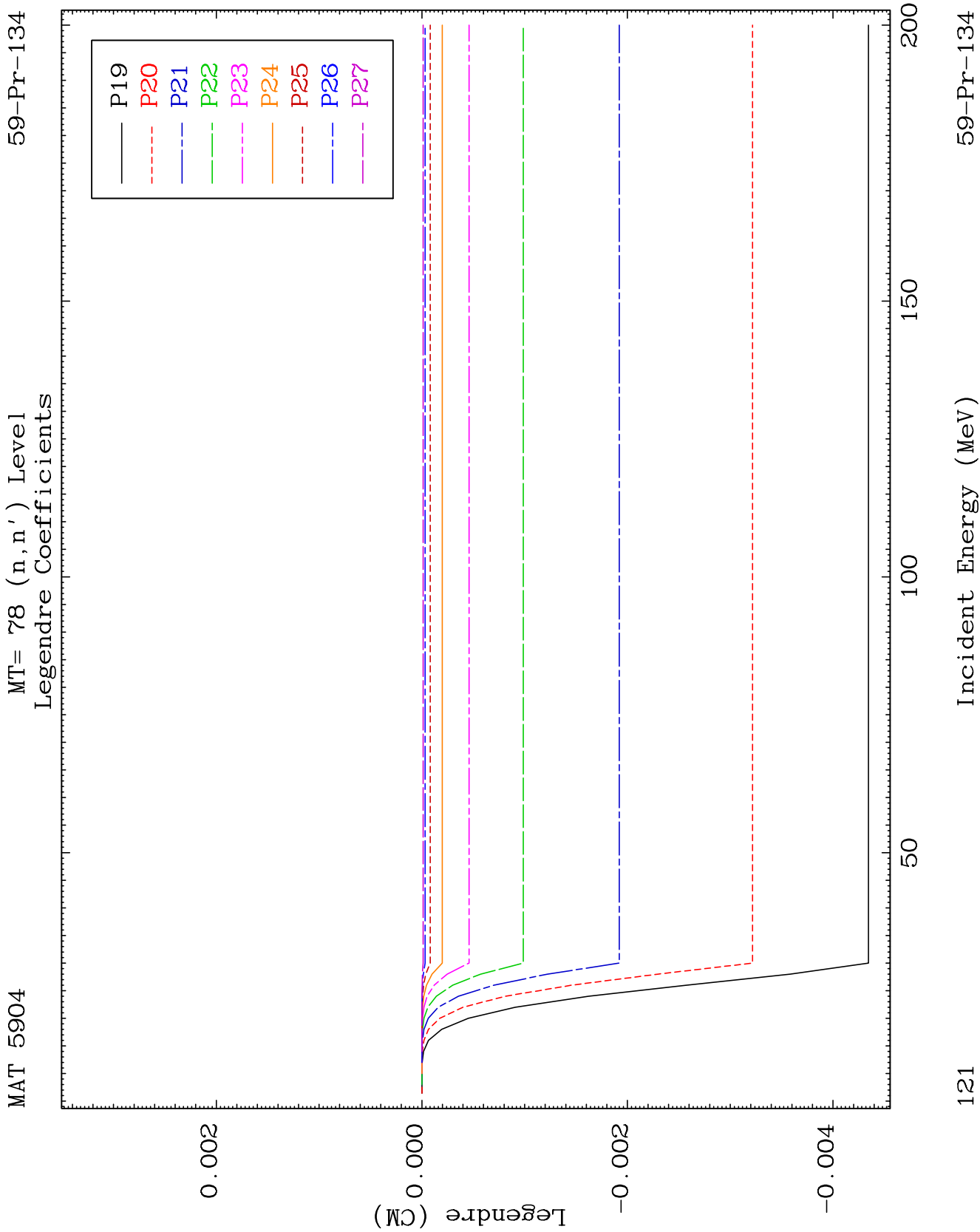


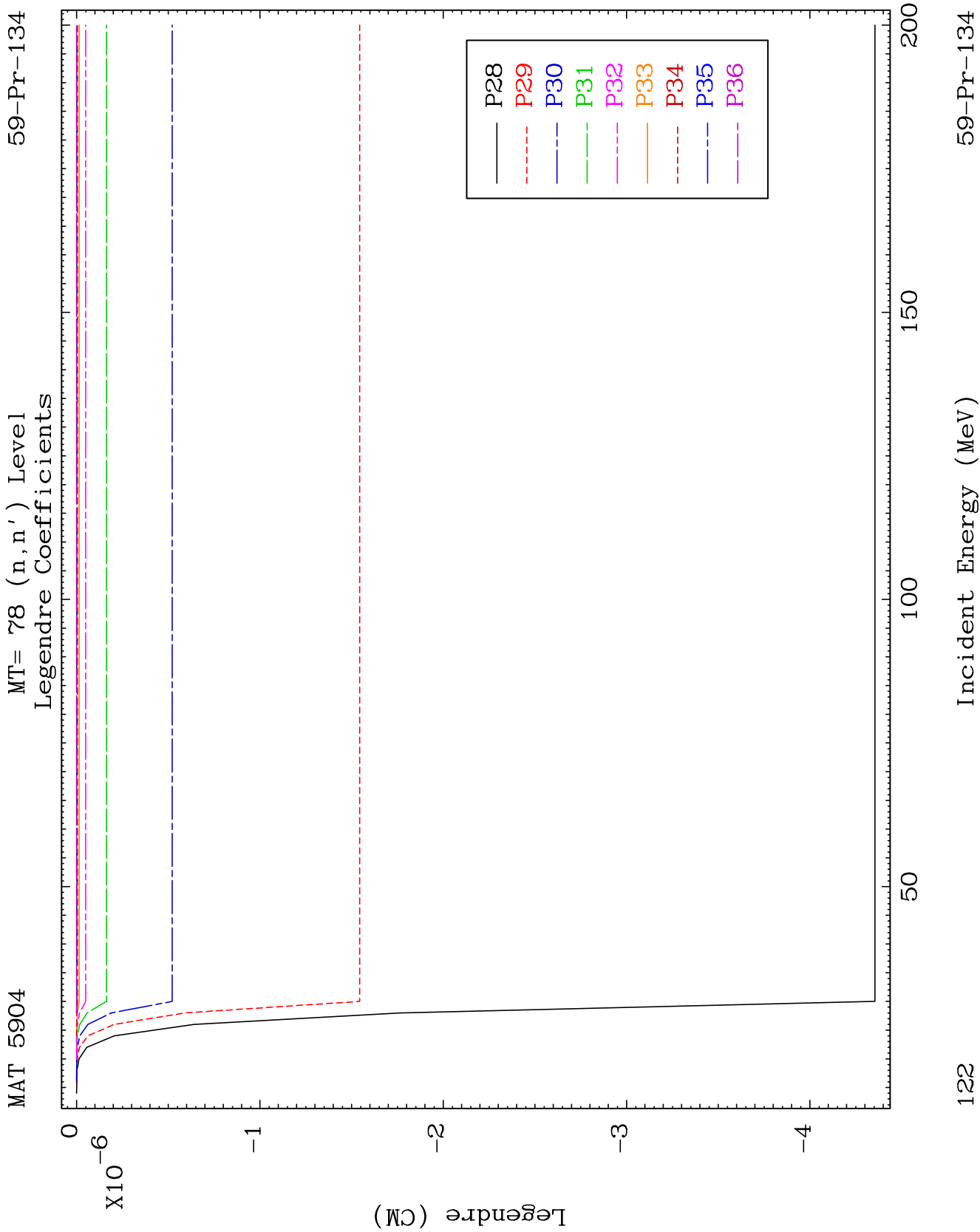
MAT 5904

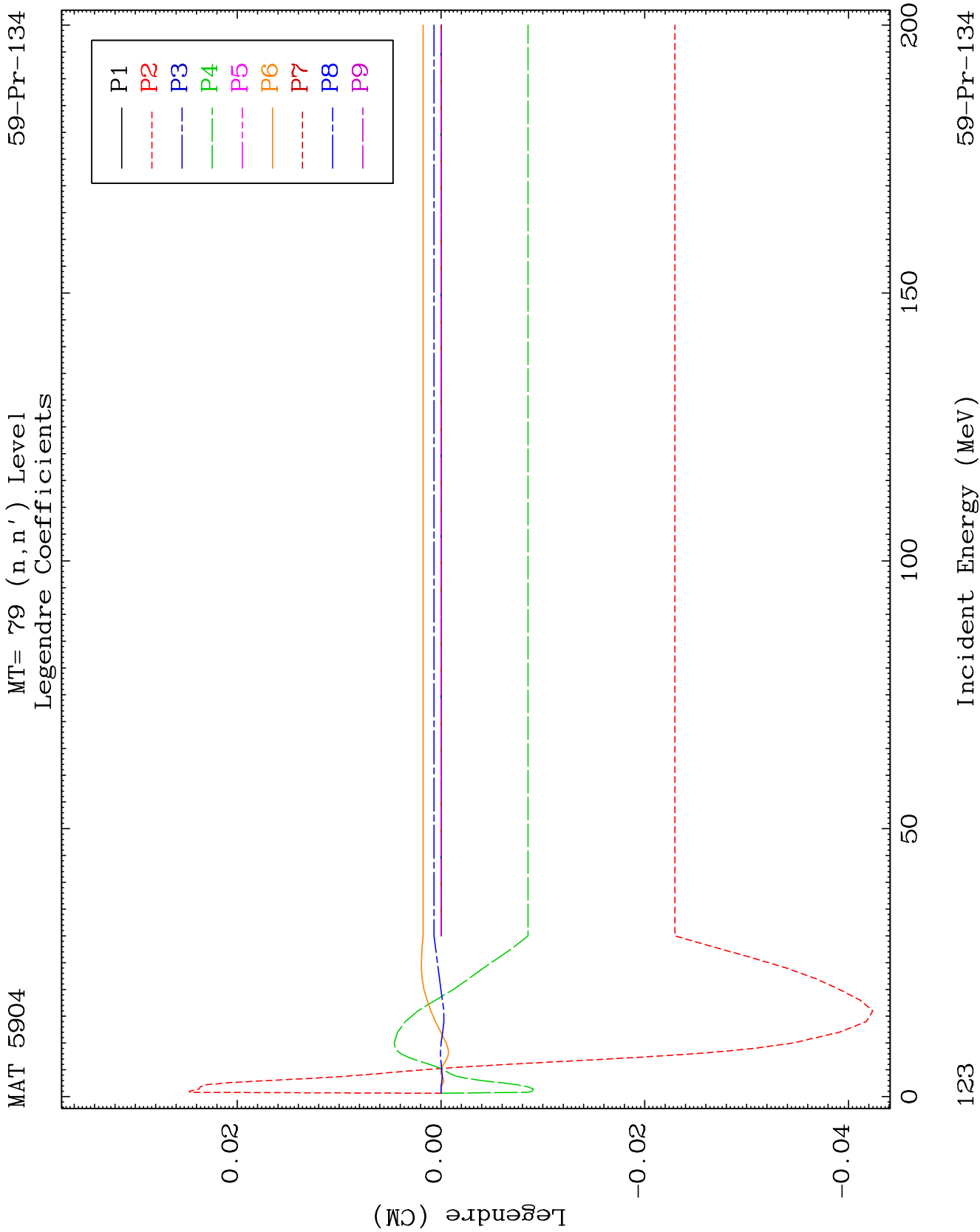
MT= 78 (n, n') Level
Legendre Coefficients

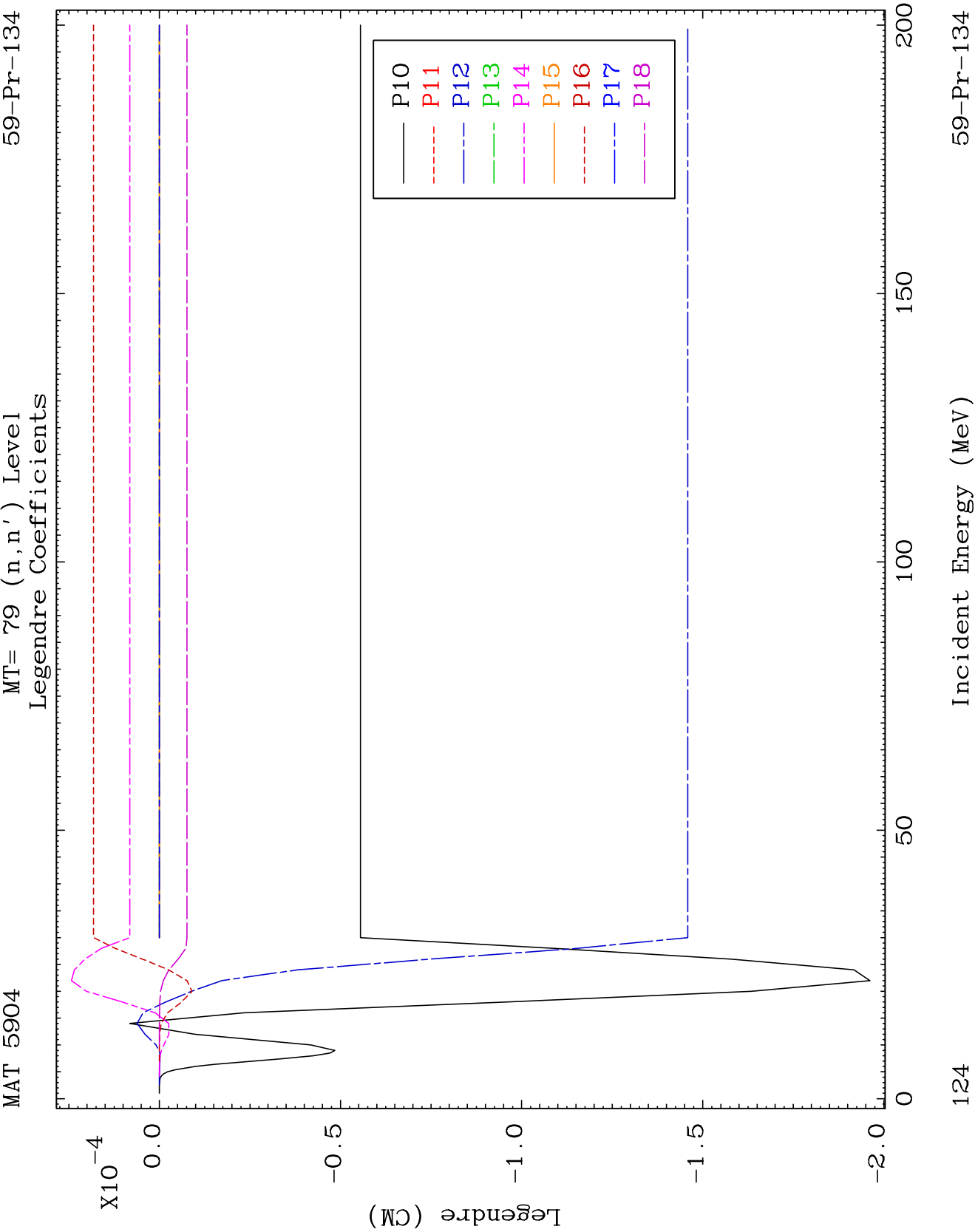
59-Pr-134

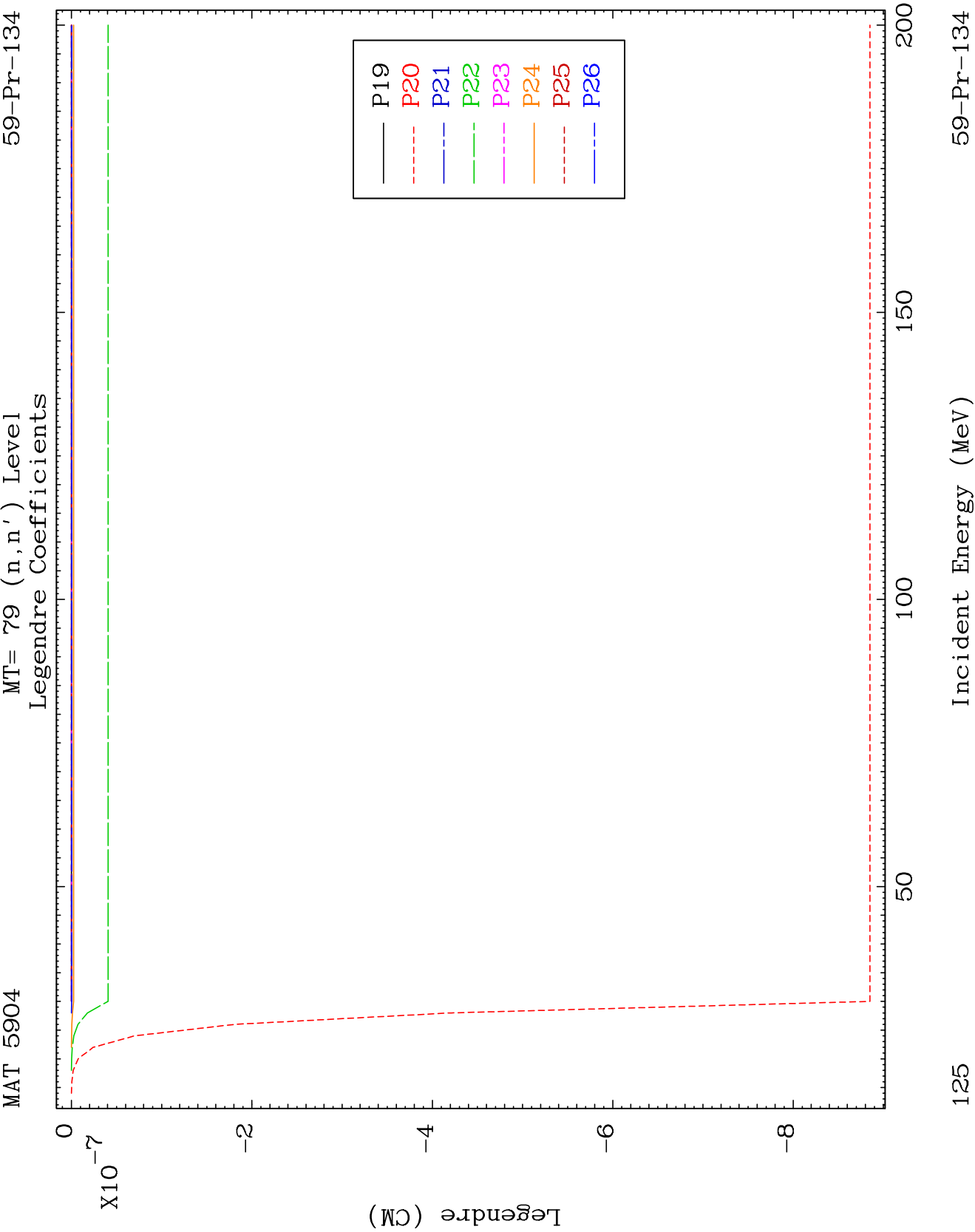


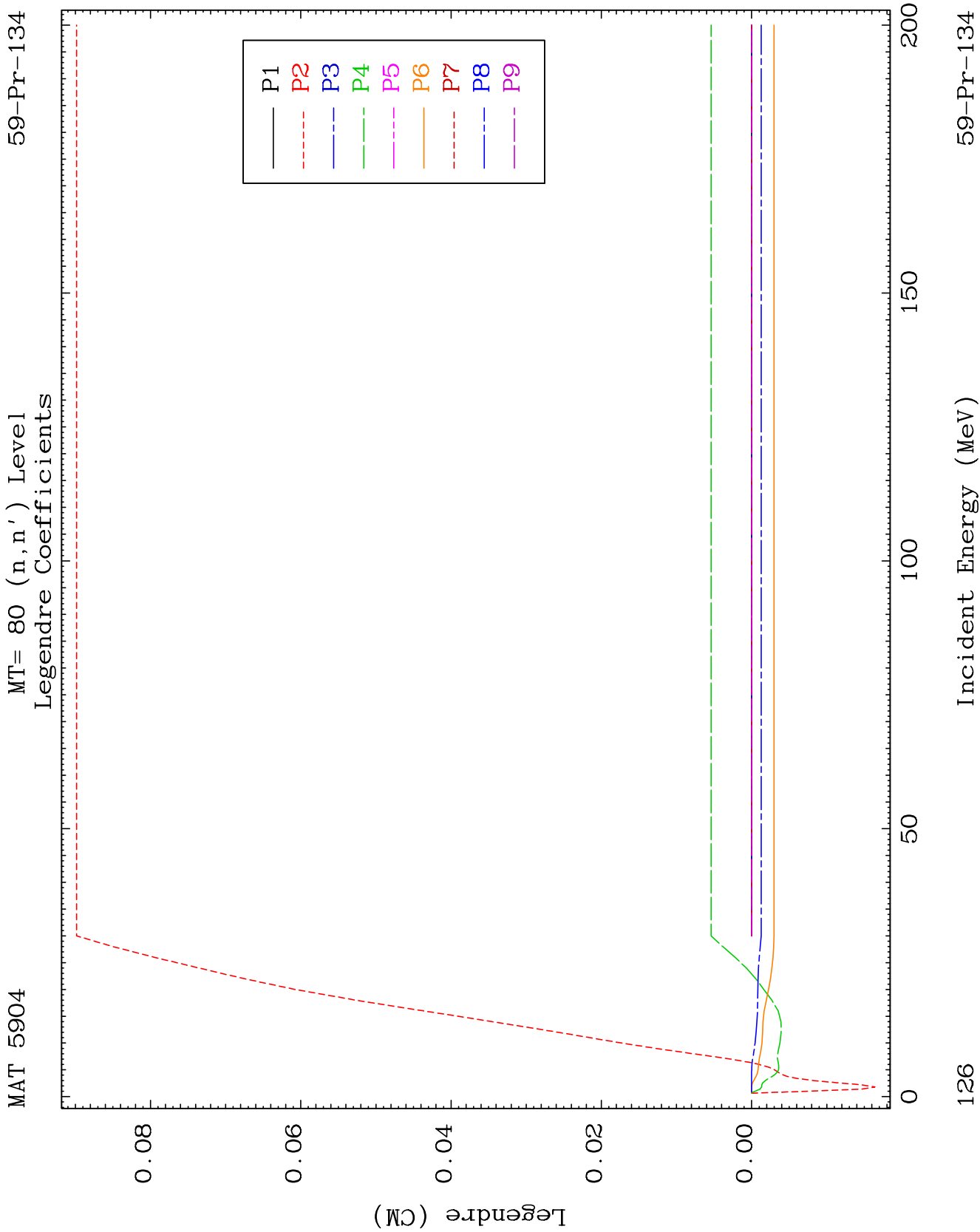


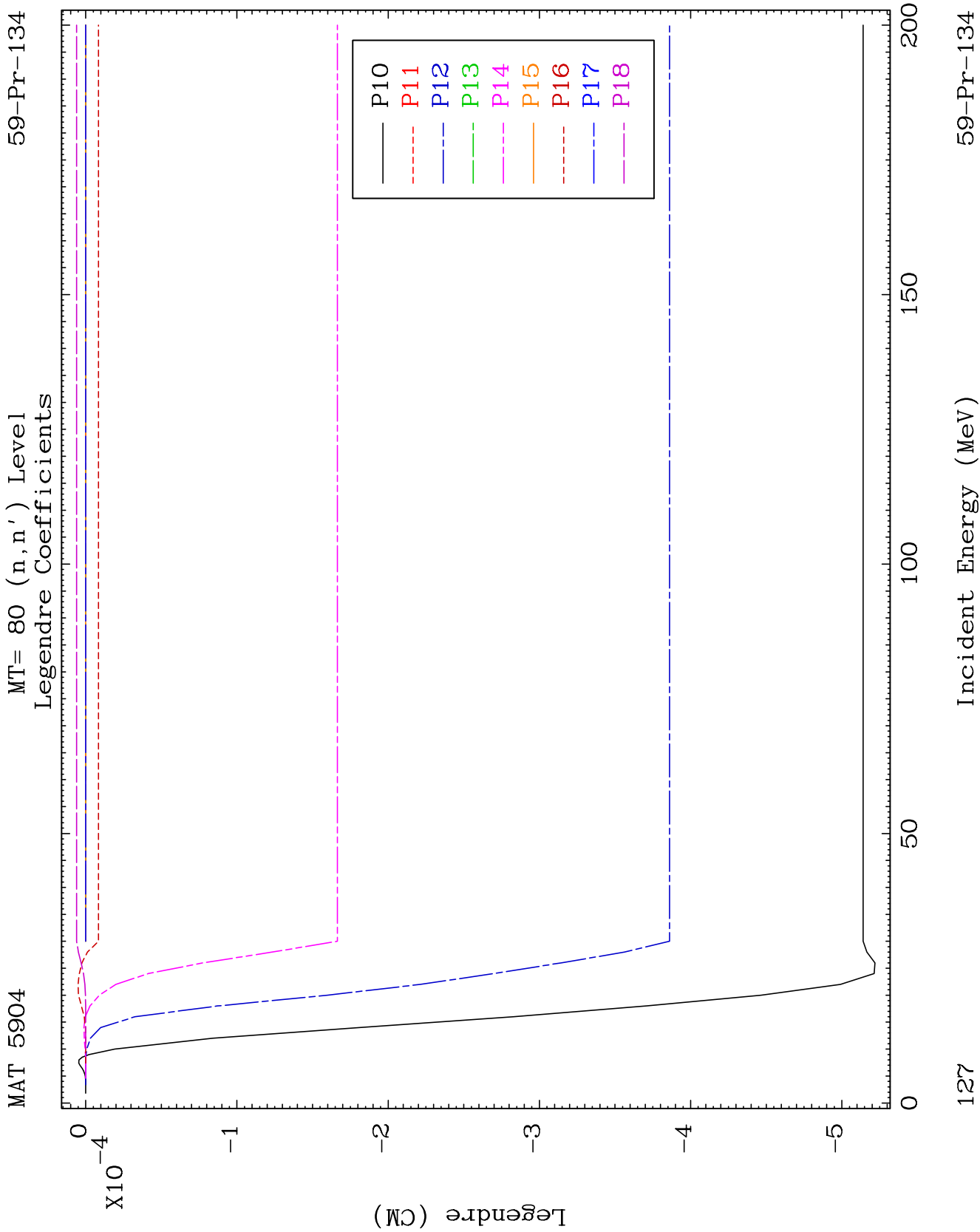


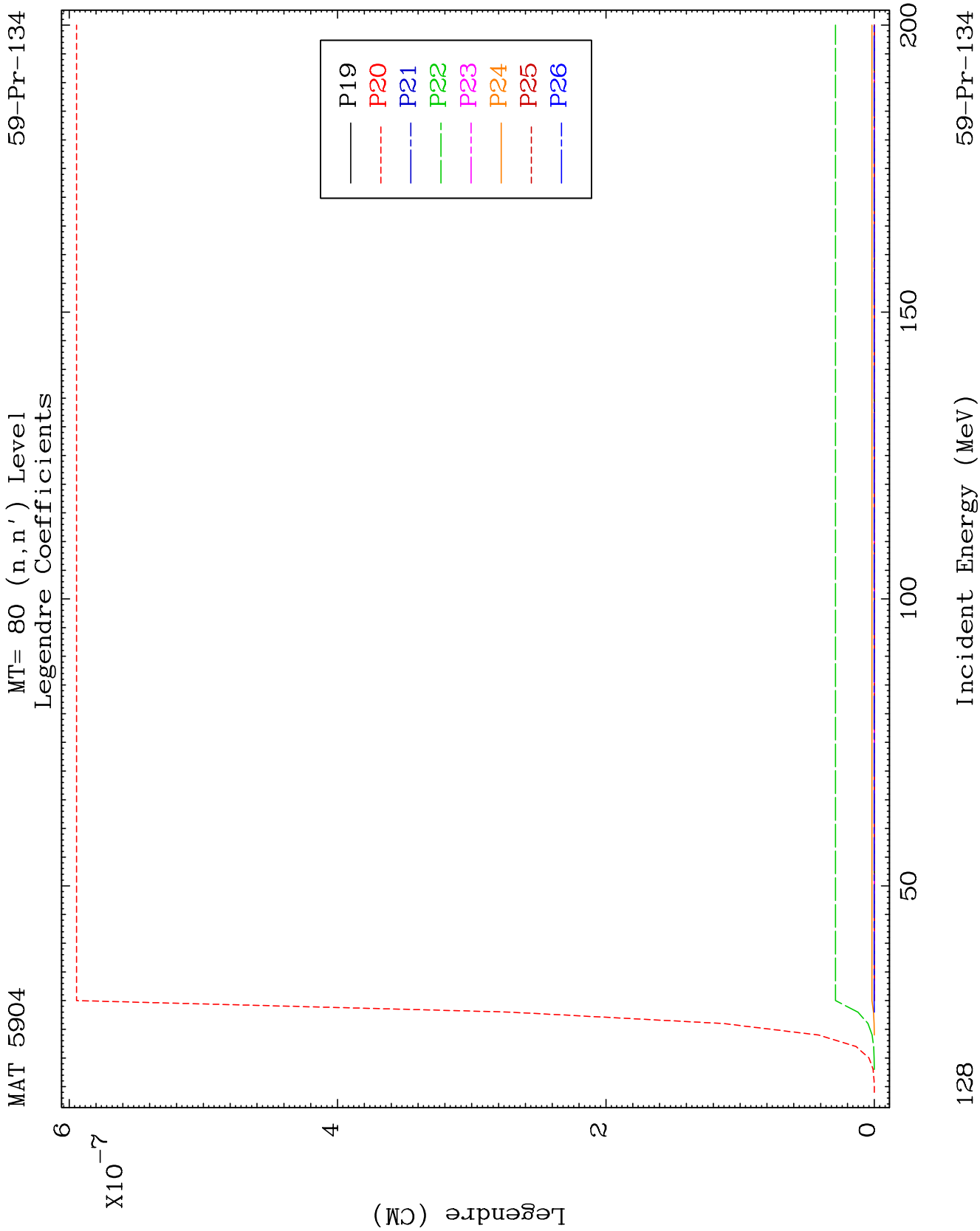




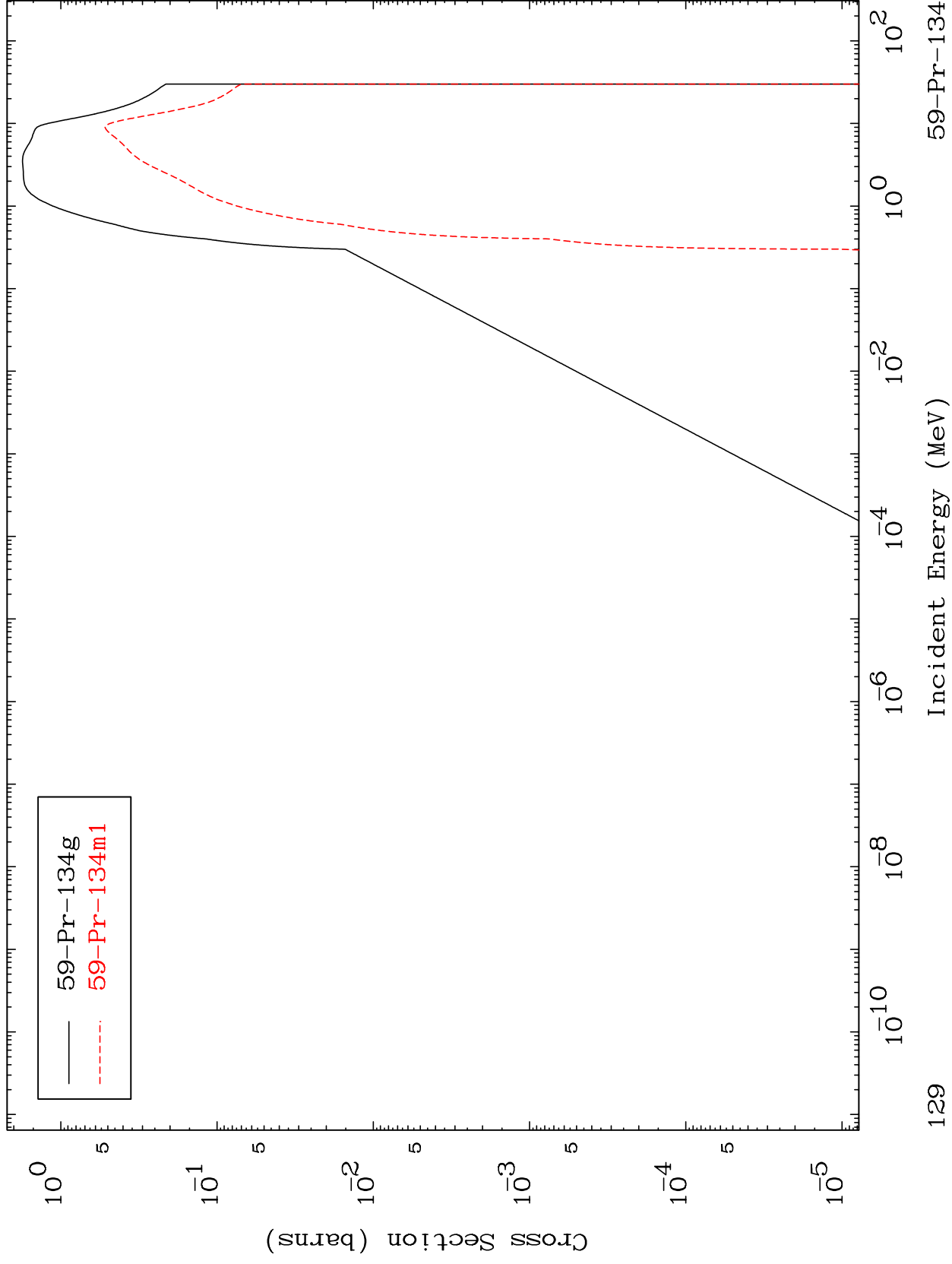








Radionuclide Production Cross Section

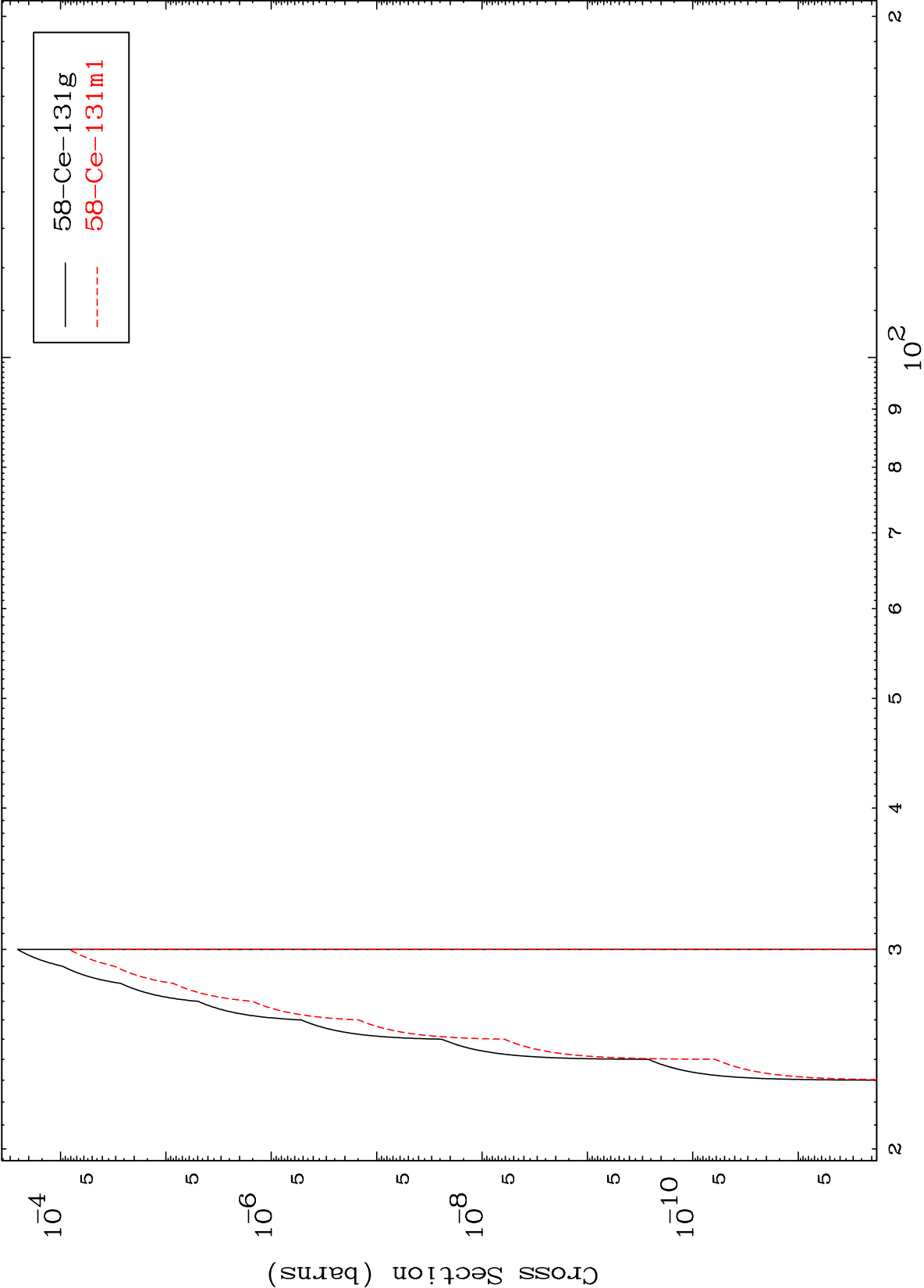


MAT 5904

(n,2n) d

59-Pr-134

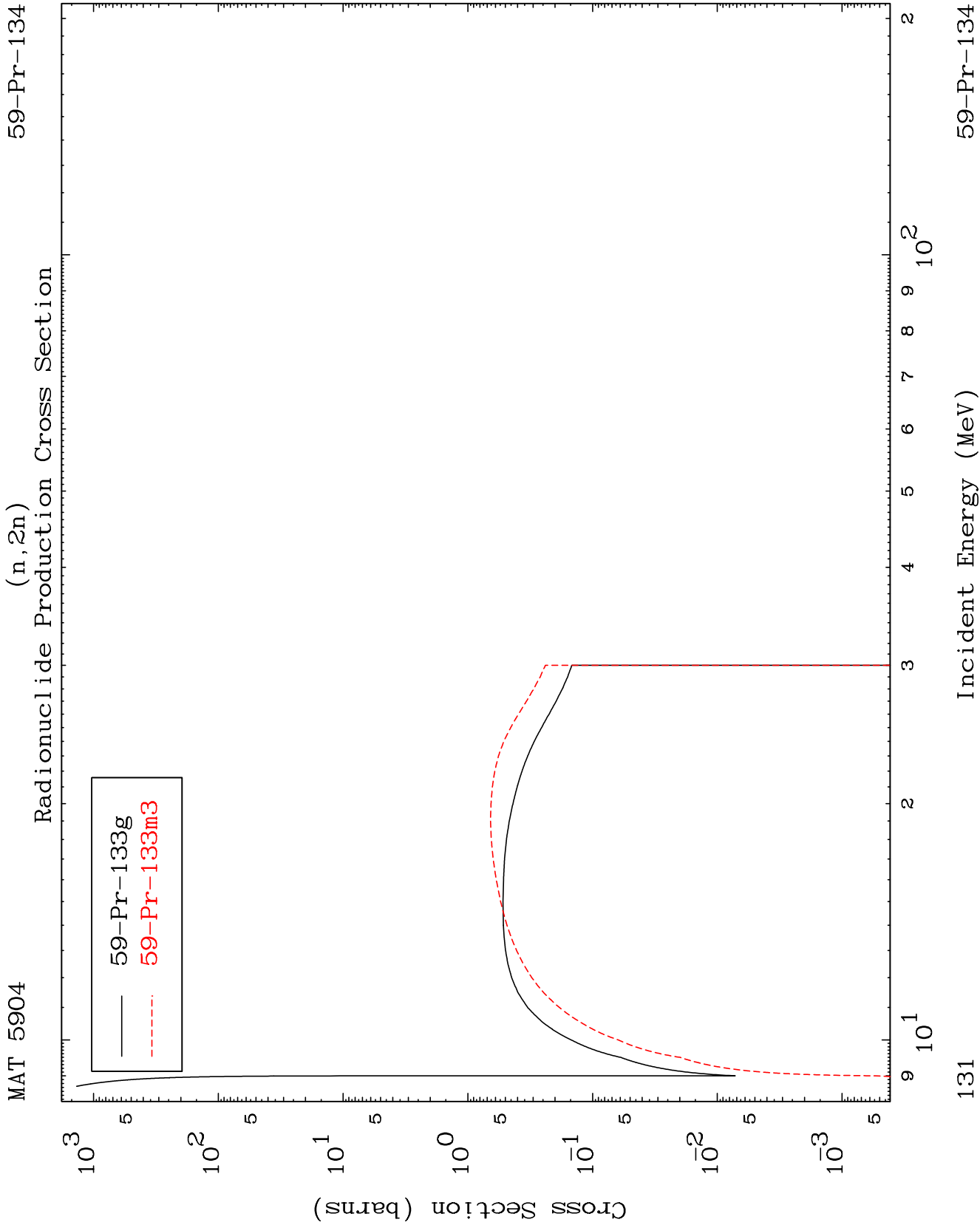
Radionuclide Production Cross Section



130

Incident Energy (MeV)

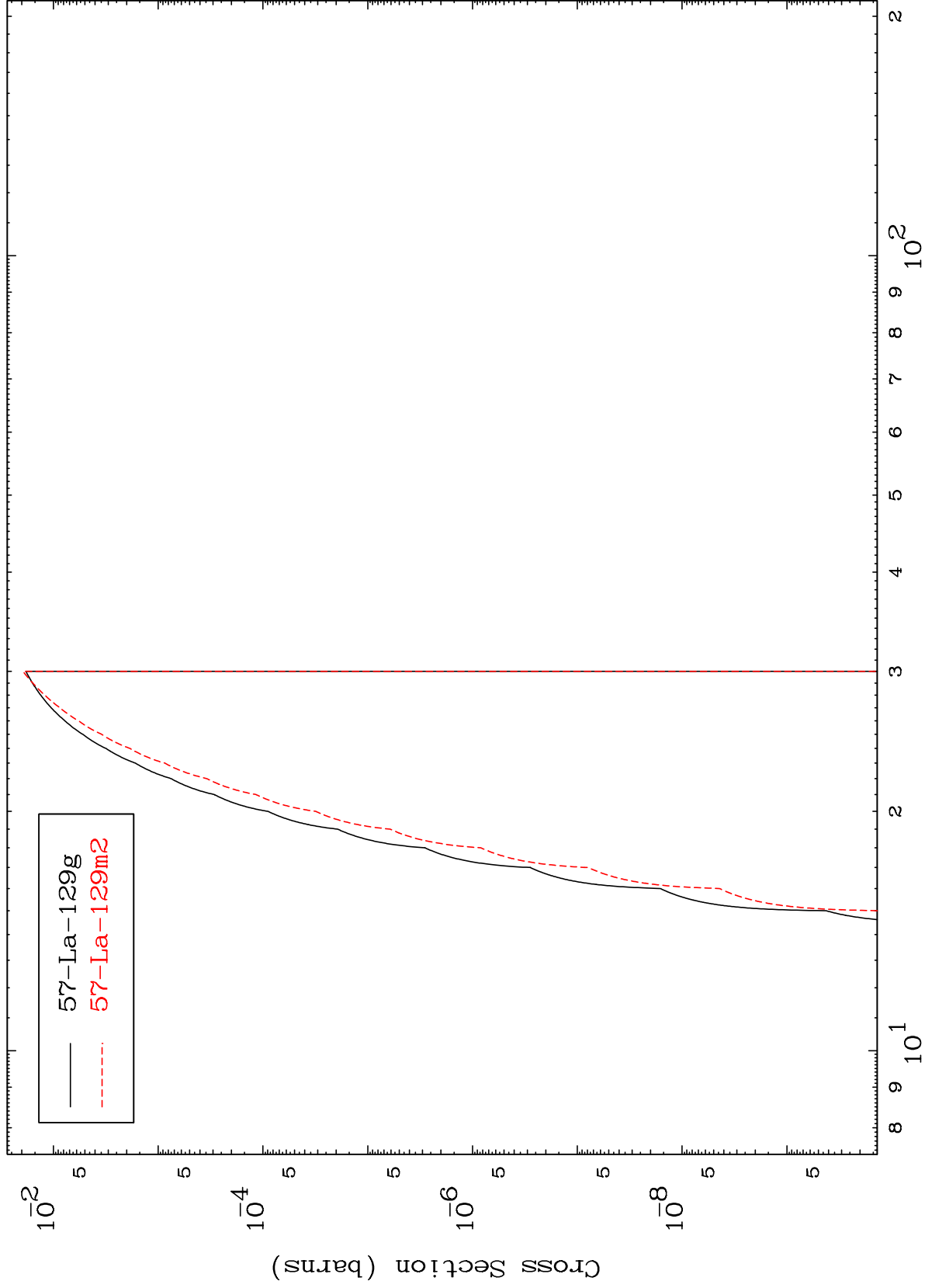
59-Pr-134



MAT 5904

59-Pr-134

(n,2n) α
Radionuclide Production Cross Section



59-Pr-134

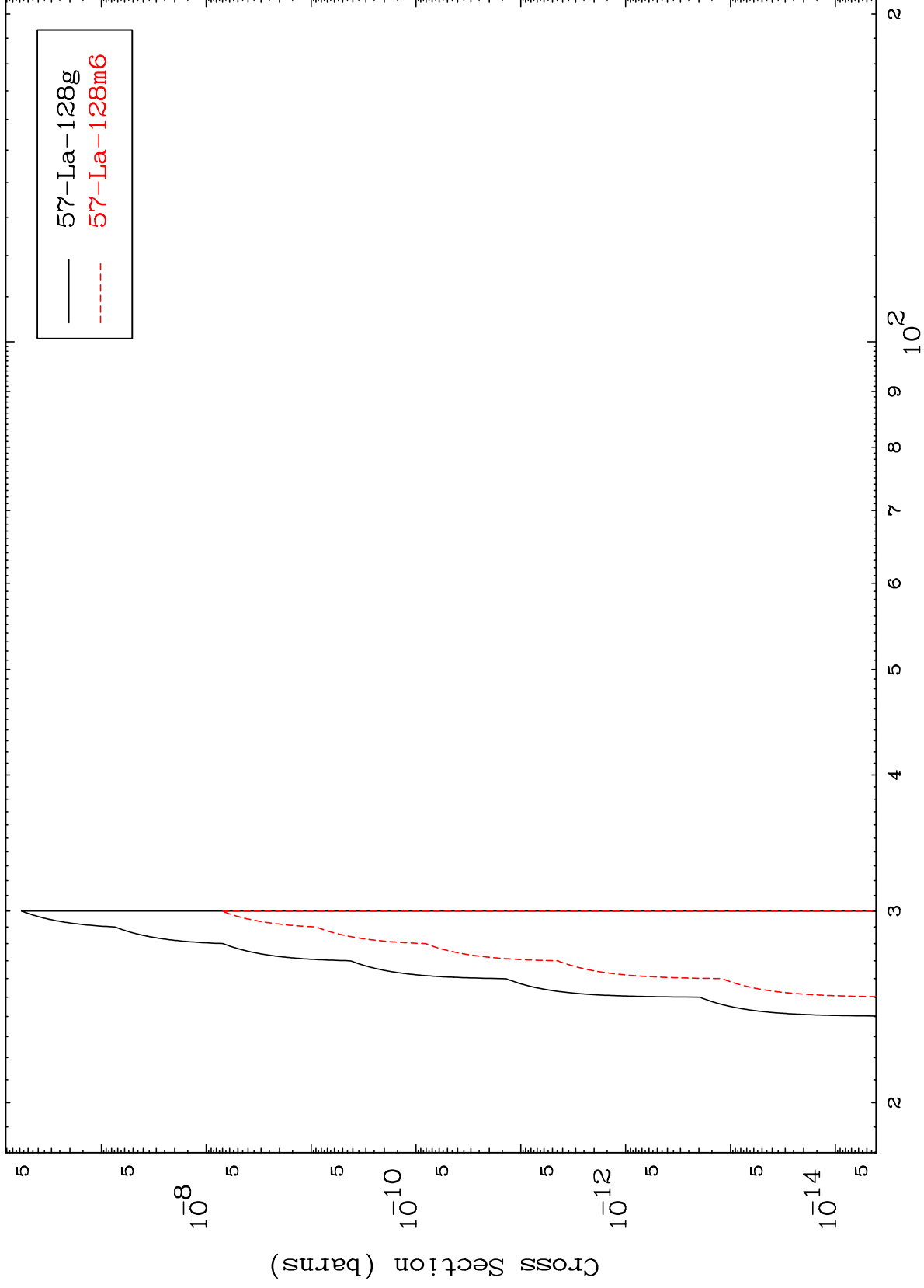
Incident Energy (MeV)

132

MAT 5904

59-Pr-134

$(n,3n) \alpha$
Radionuclide Production Cross Section



133

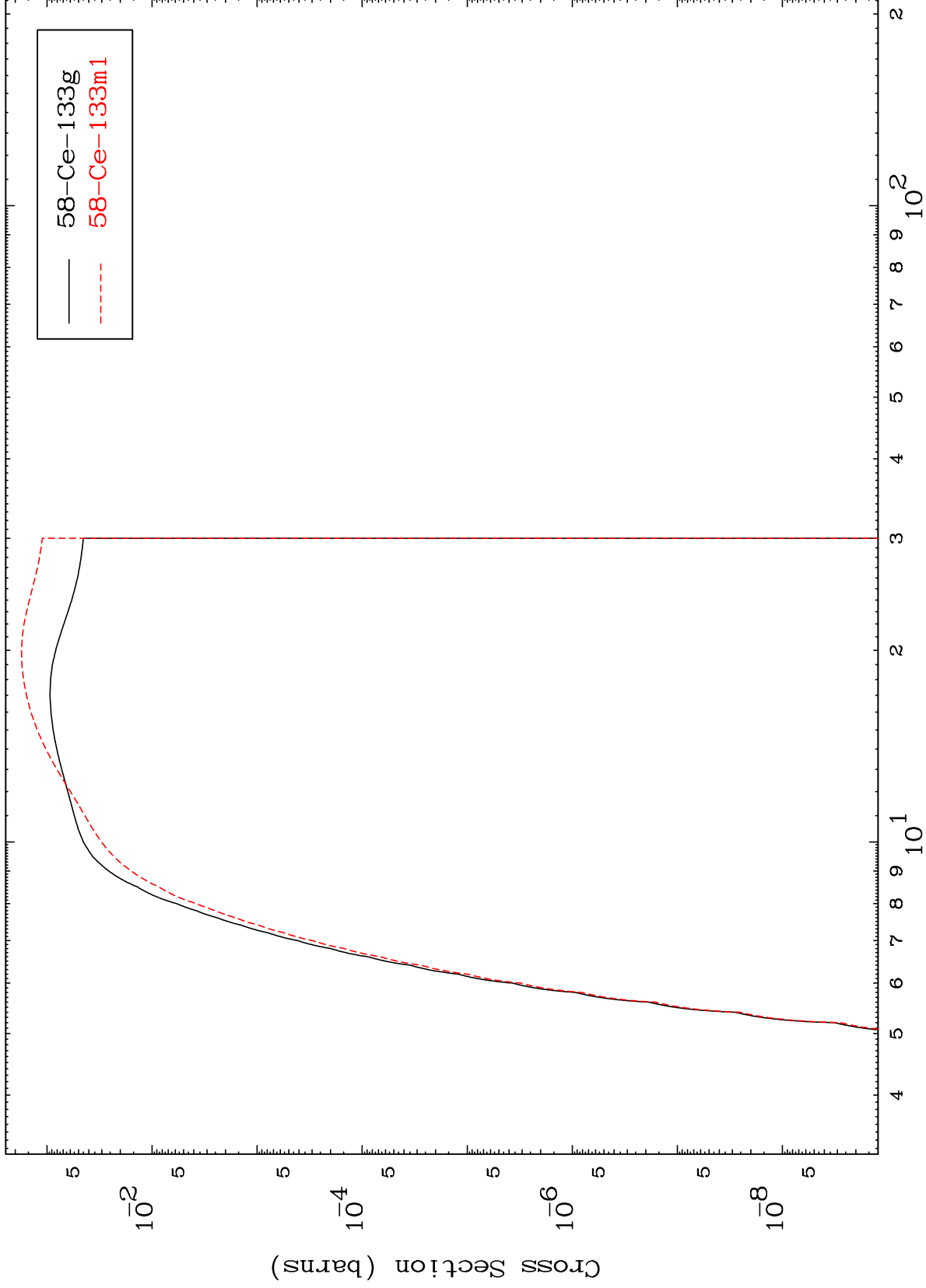
Incident Energy (MeV)

59-Pr-134

MAT 5904

59-Pr-134

(n,n') p
Radionuclide Production Cross Section



134

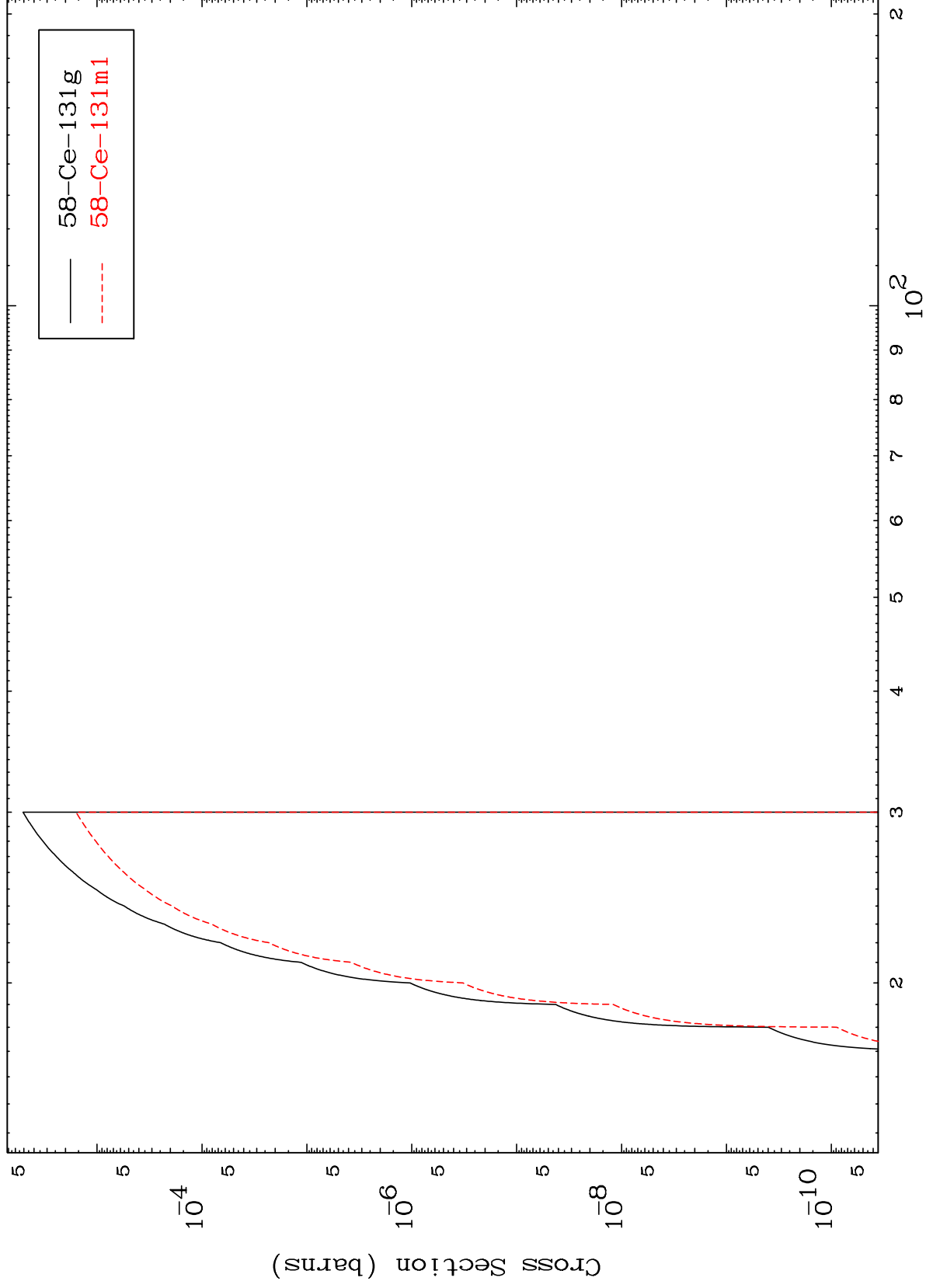
Incident Energy (MeV)

59-Pr-134

MAT 5904

59-Pr-134

(n,n') t
Radionuclide Production Cross Section



59-Pr-134

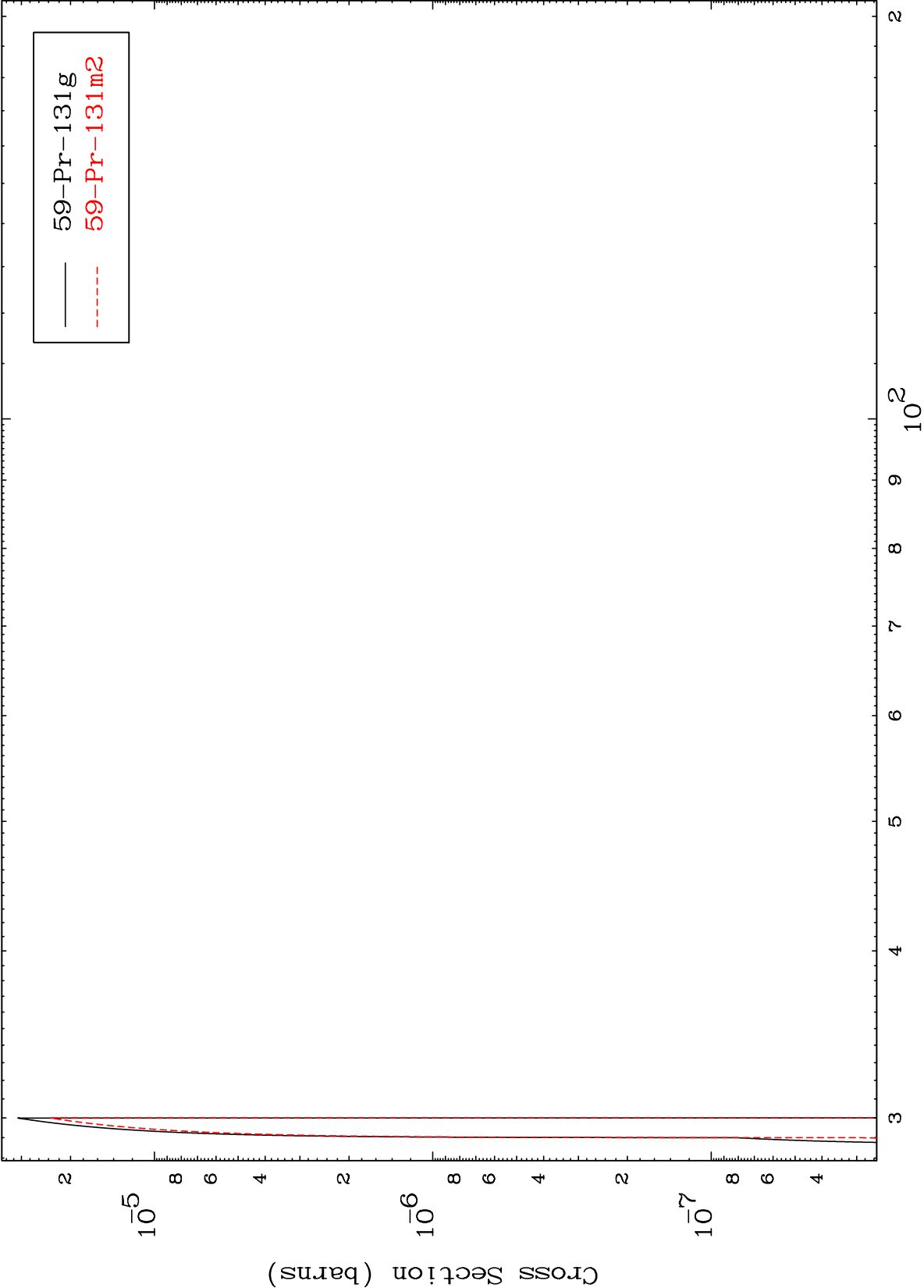
Incident Energy (MeV)

135

MAT 5904

59-Pr-134

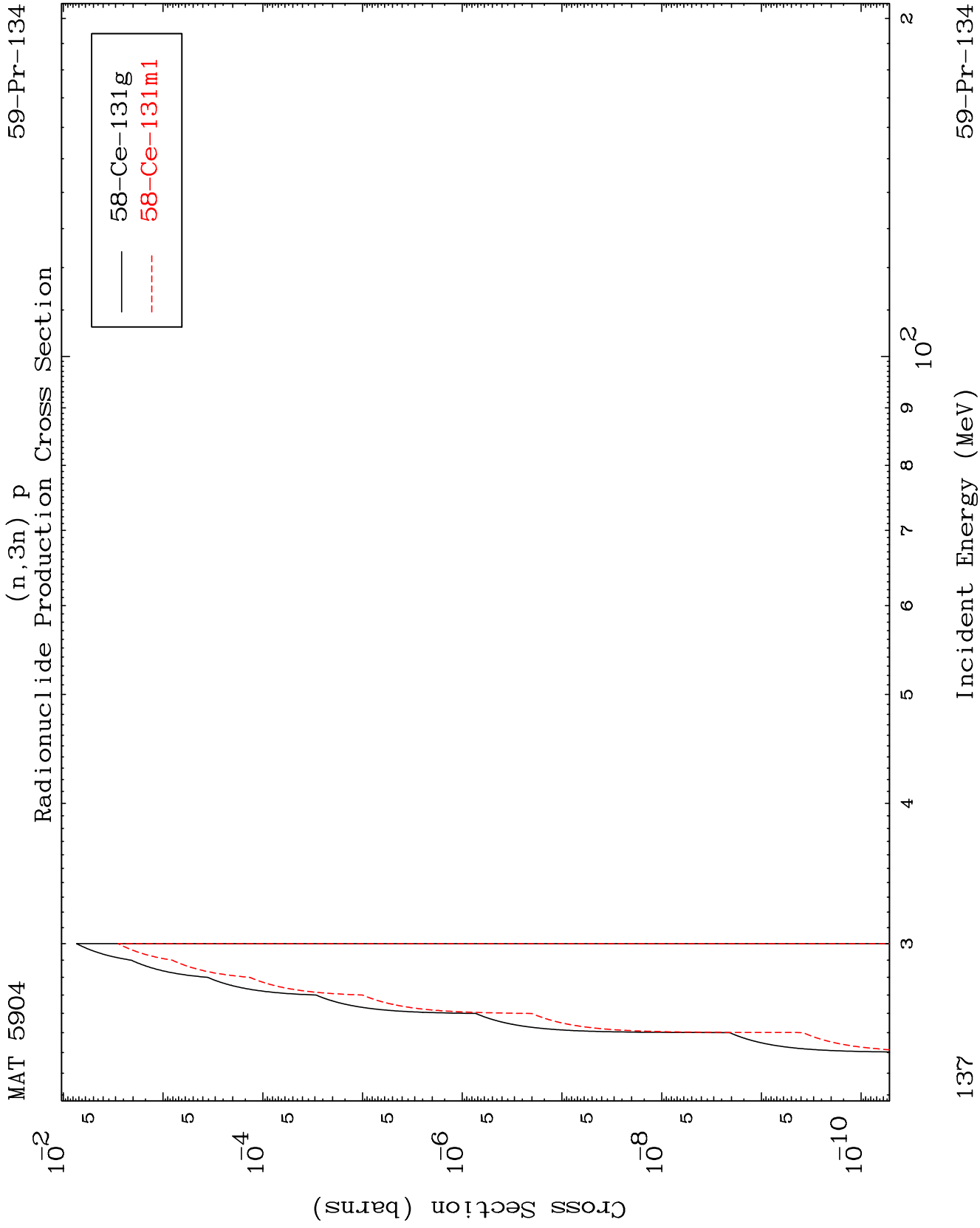
(n,4n)
Radionuclide Production Cross Section

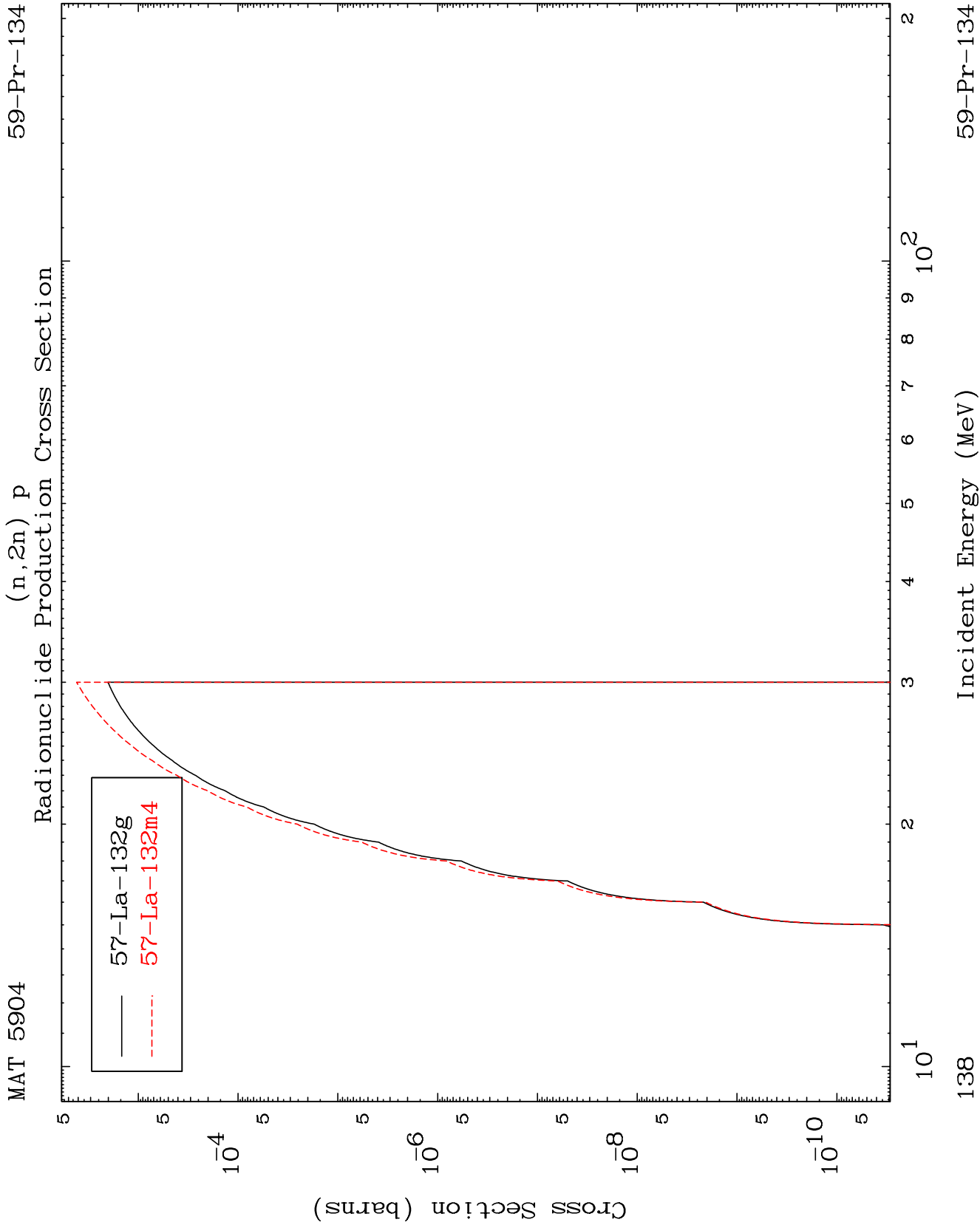


59-Pr-134

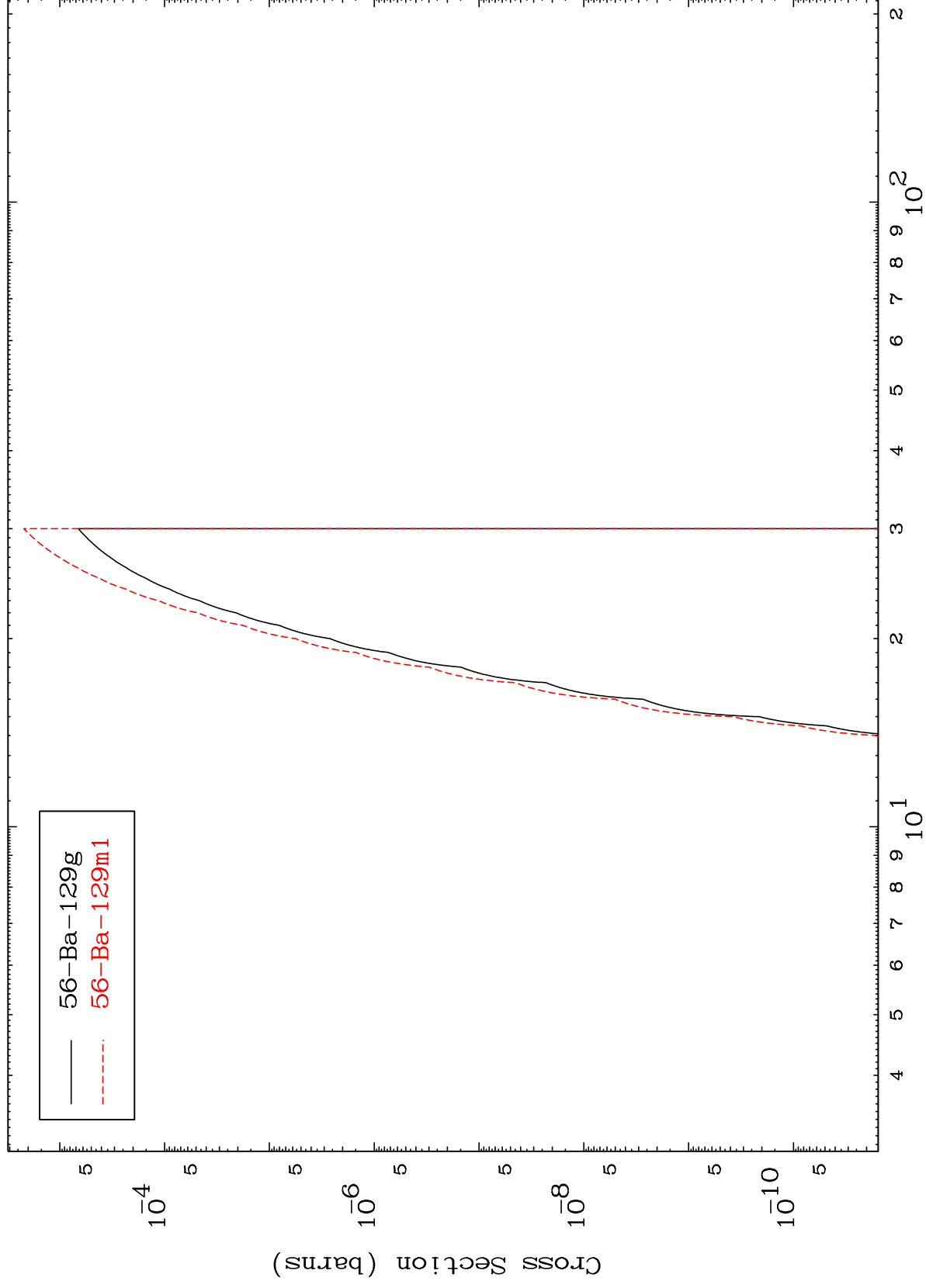
Incident Energy (MeV)

136





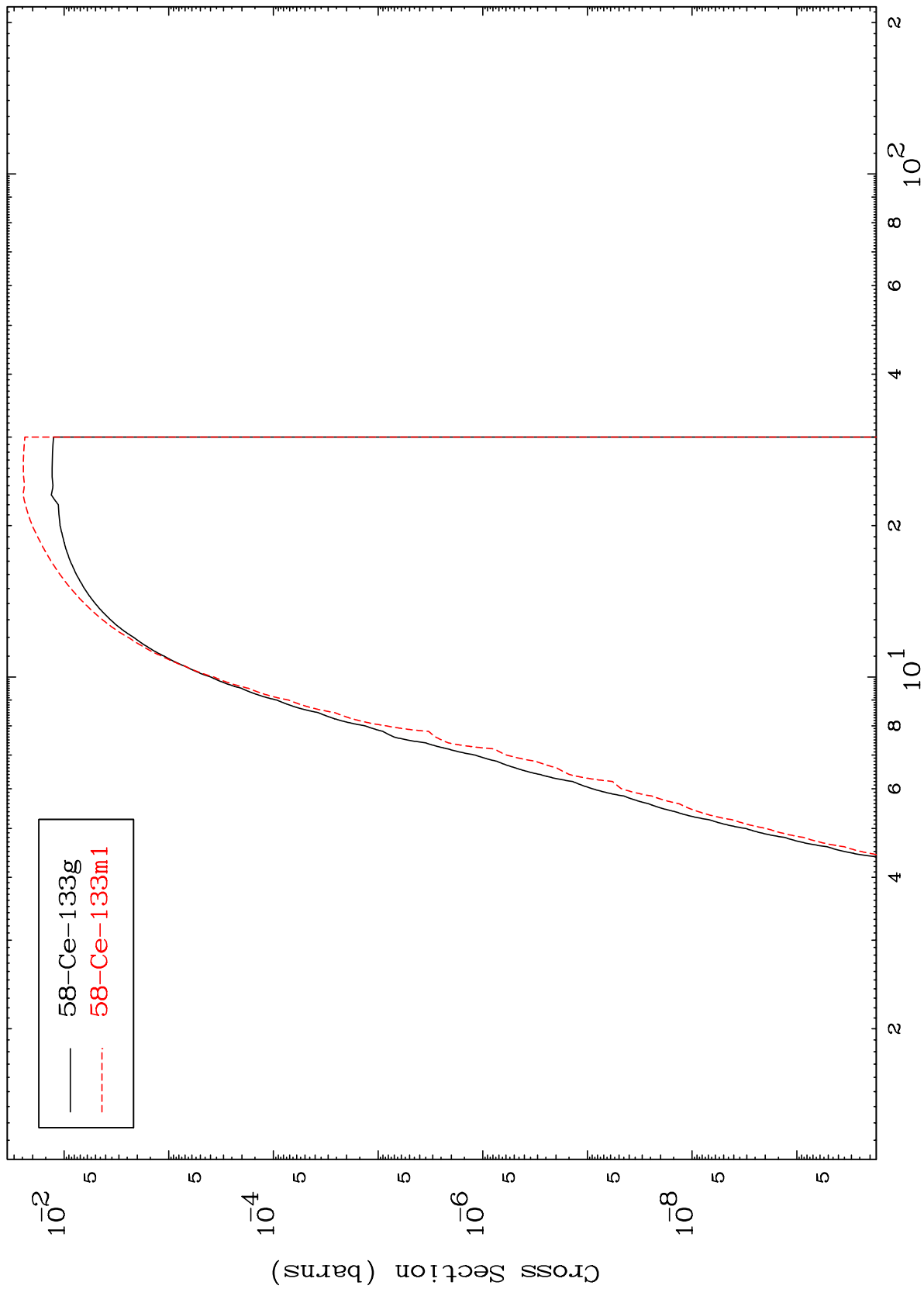
(n,n') p α
Radionuclide Production Cross Section



MAT 5904

59-Pr-134

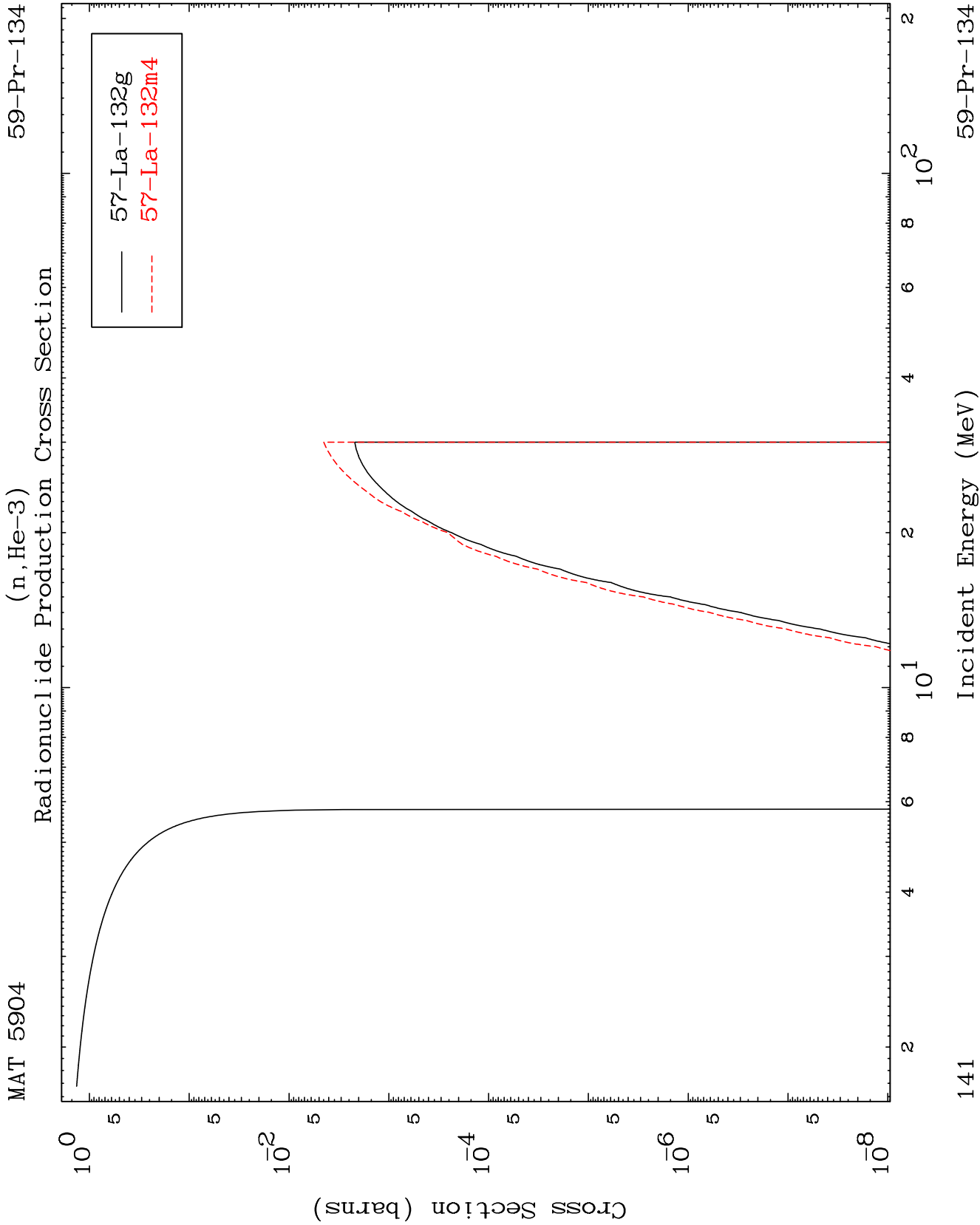
(n,d)
Radionuclide Production Cross Section



140

Incident Energy (MeV)

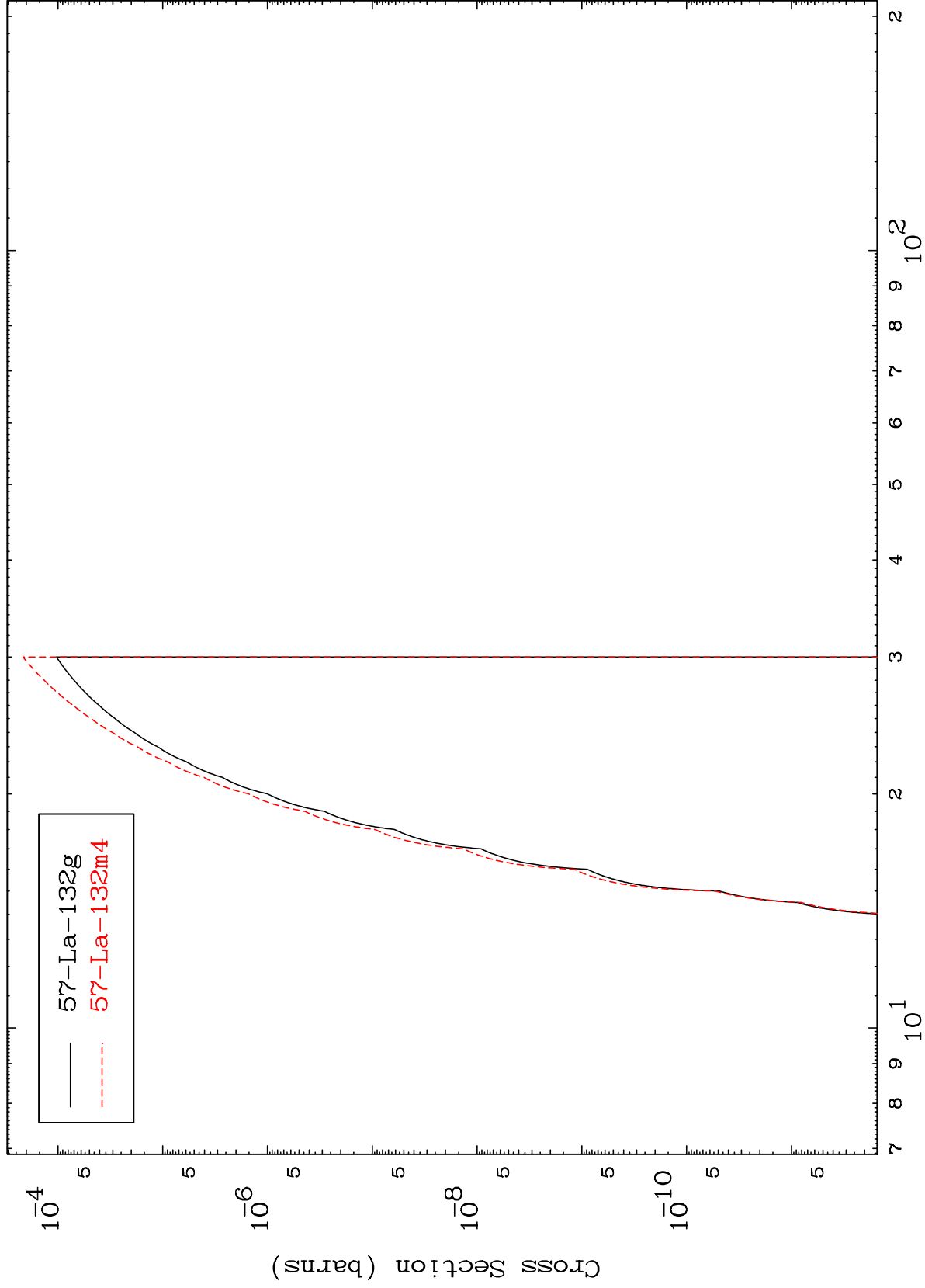
59-Pr-134



MAT 5904

59-Pr-134

(n,p) d
Radionuclide Production Cross Section



59-Pr-134

Incident Energy (MeV)

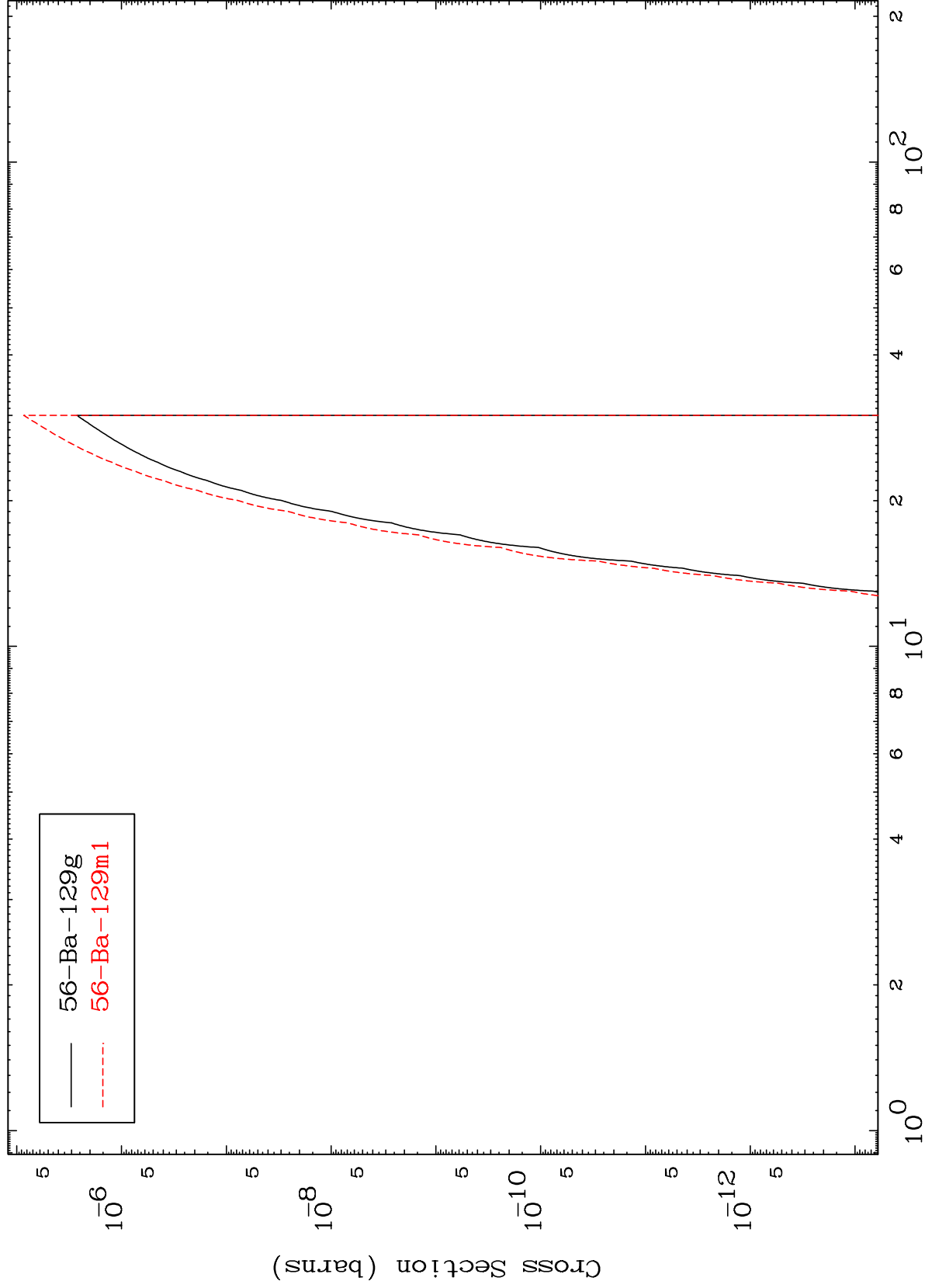
142

MAT 5904

(n,d) α

59-Pr-134

Radionuclide Production Cross Section



143

Incident Energy (MeV)

59-Pr-134