

Program EVALPLOT
(Version 2021-1)

by

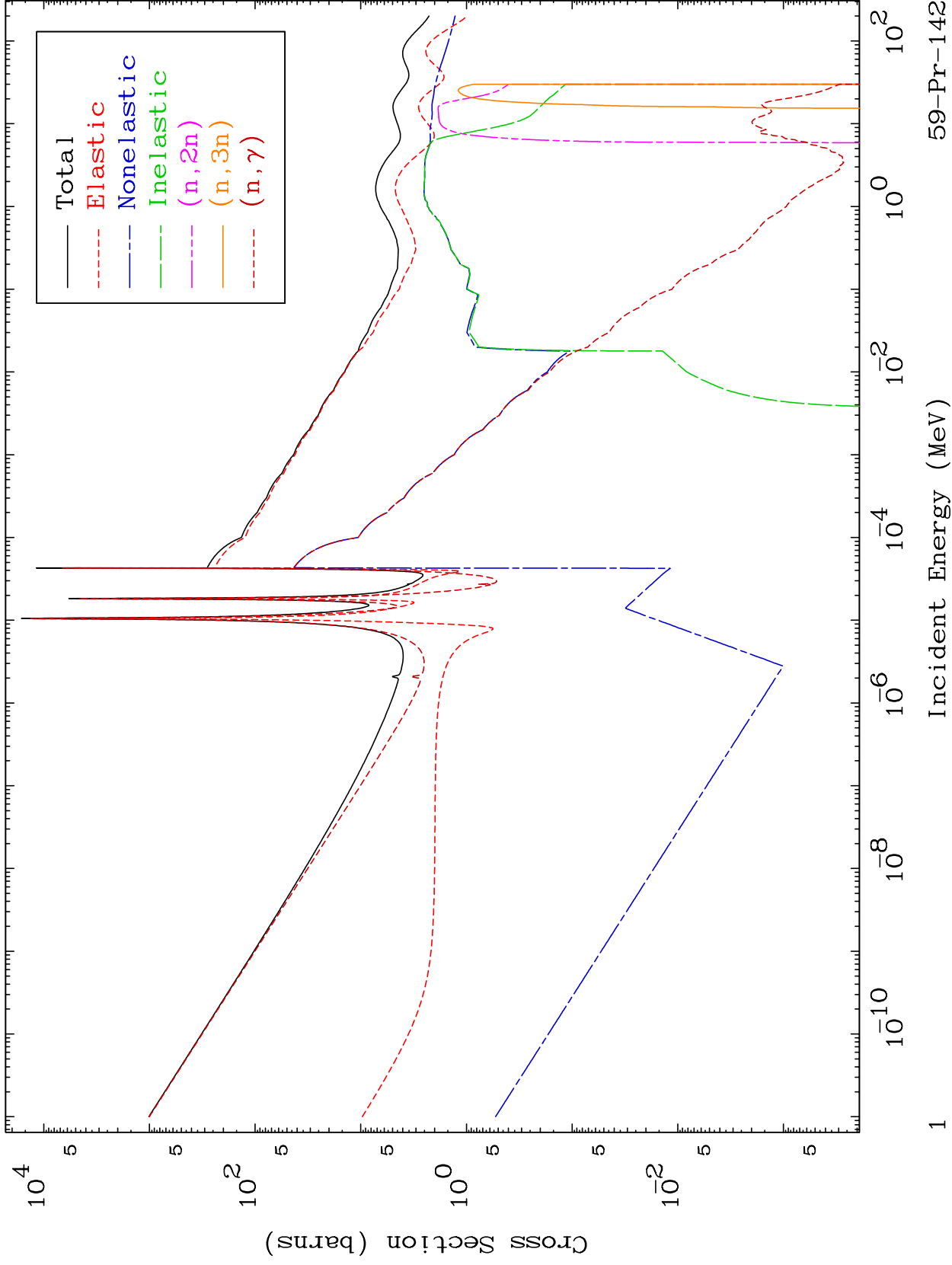
Dermott E. Cullen
(Present Contact Information)

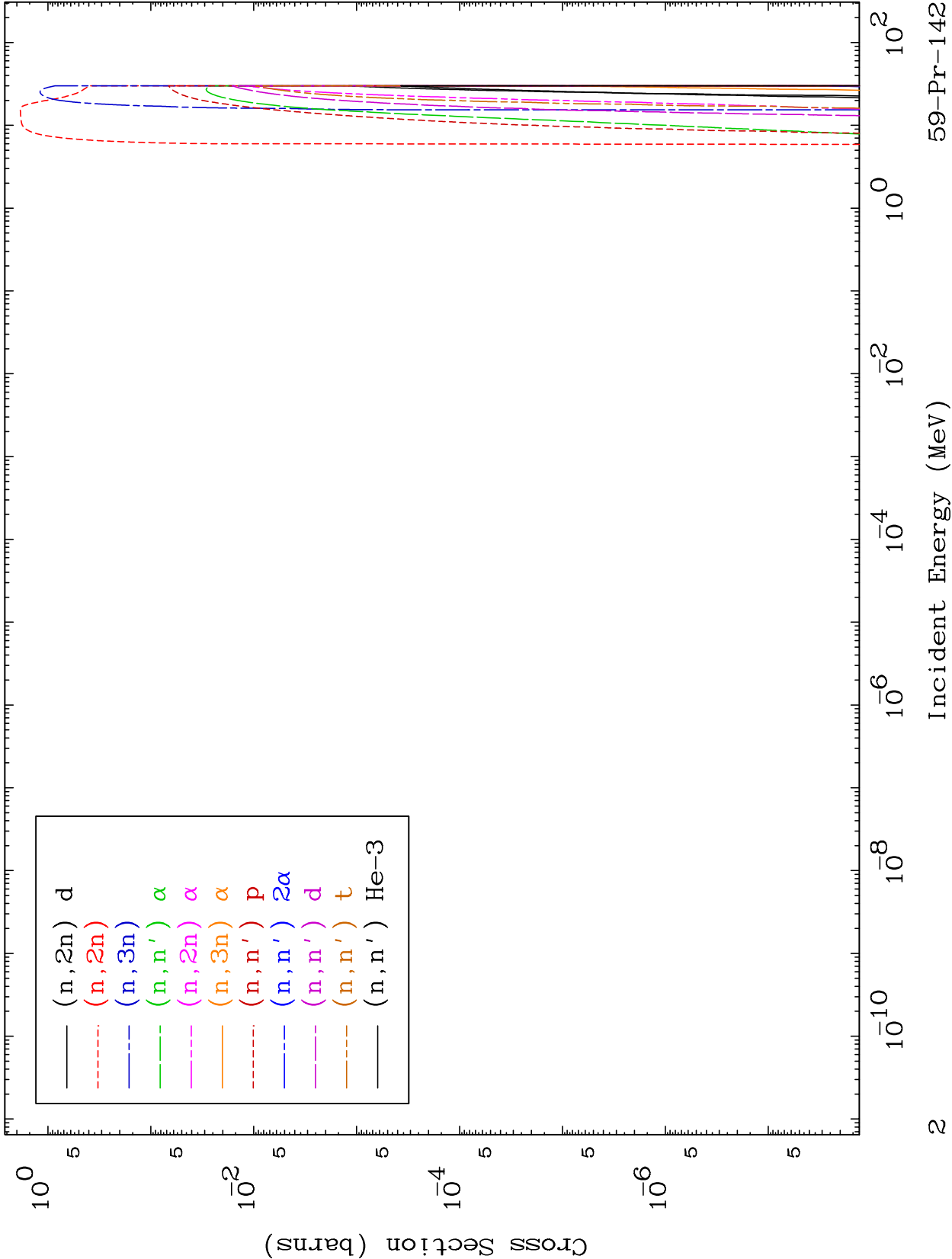
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

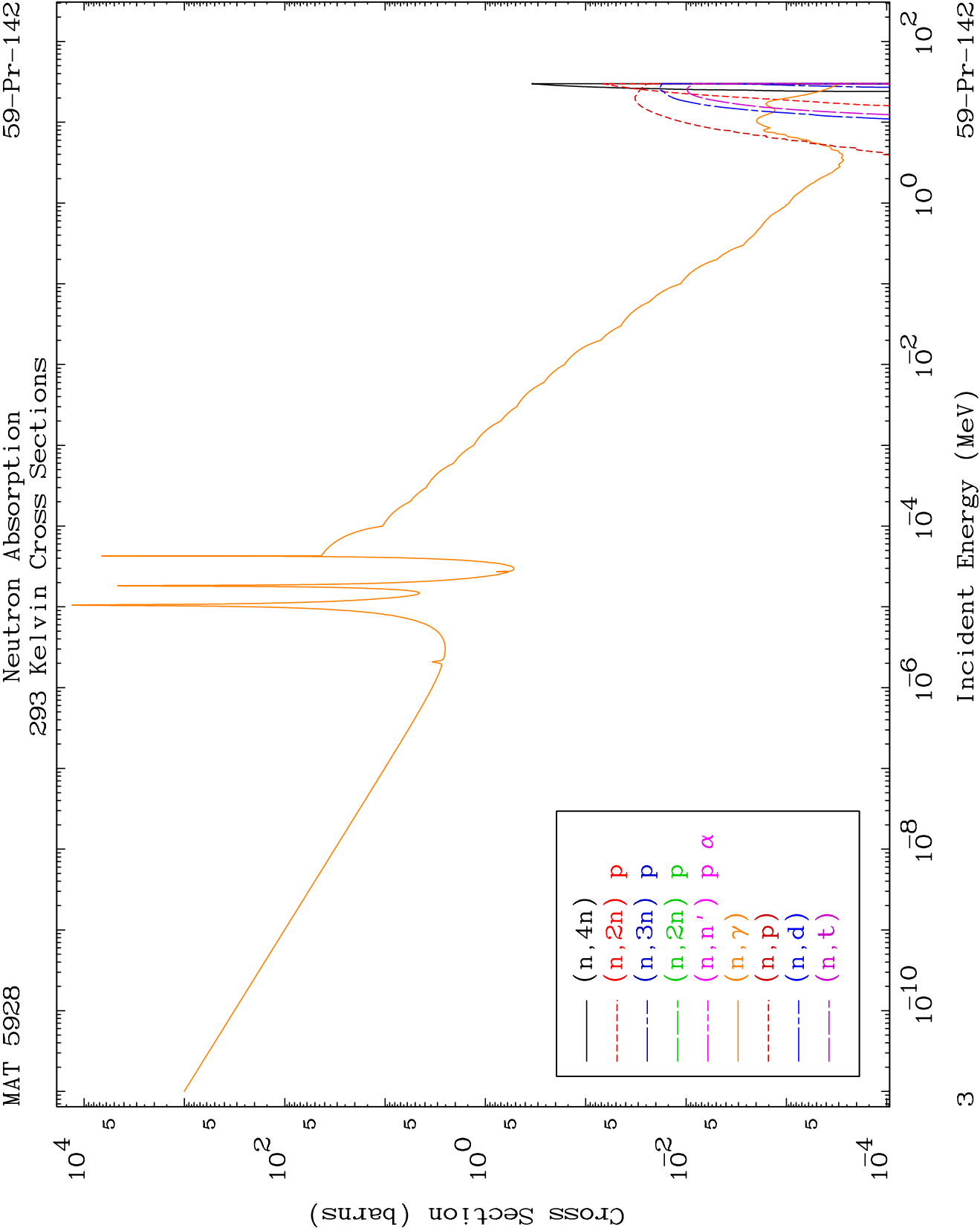
Tele: 925-443-1911

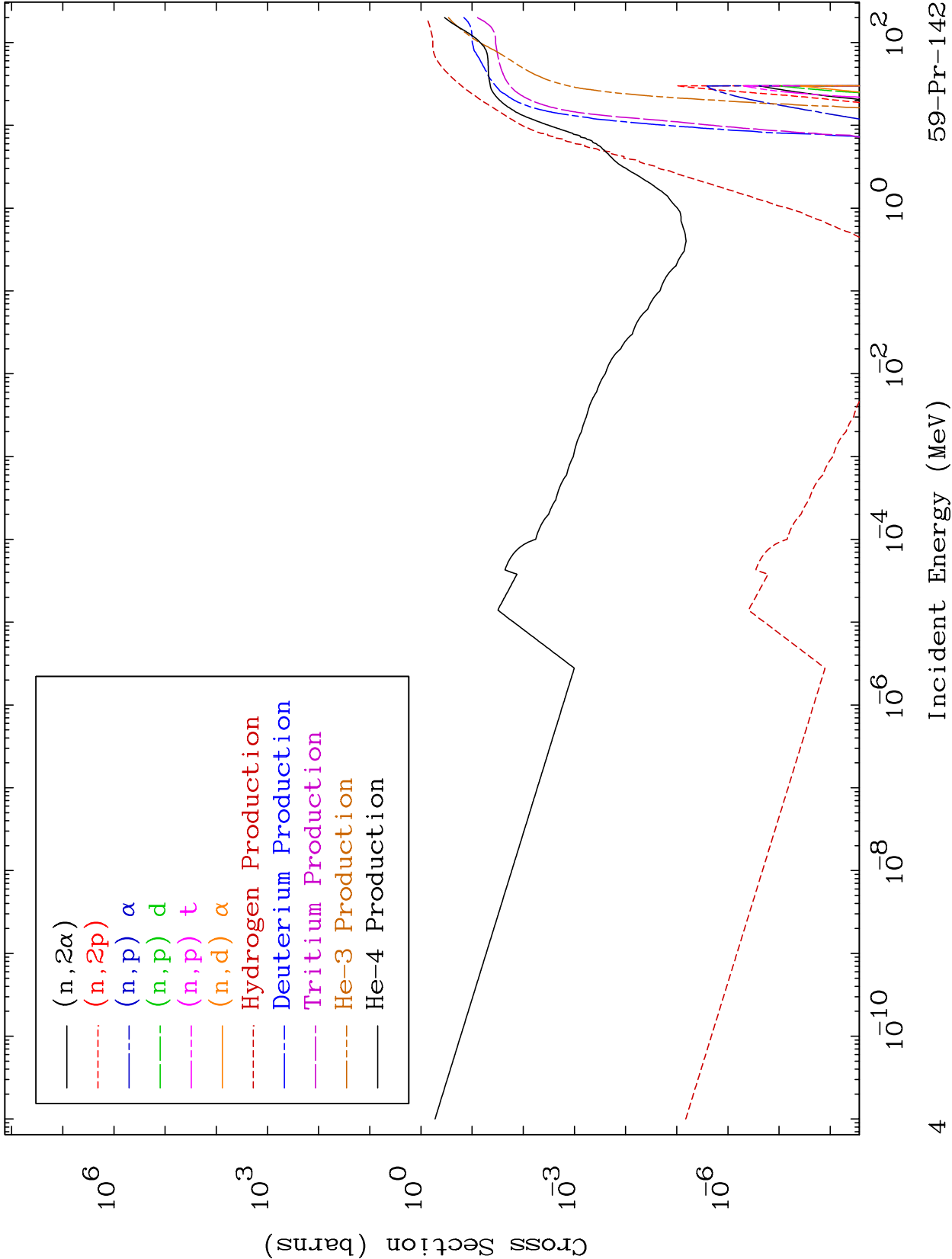
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

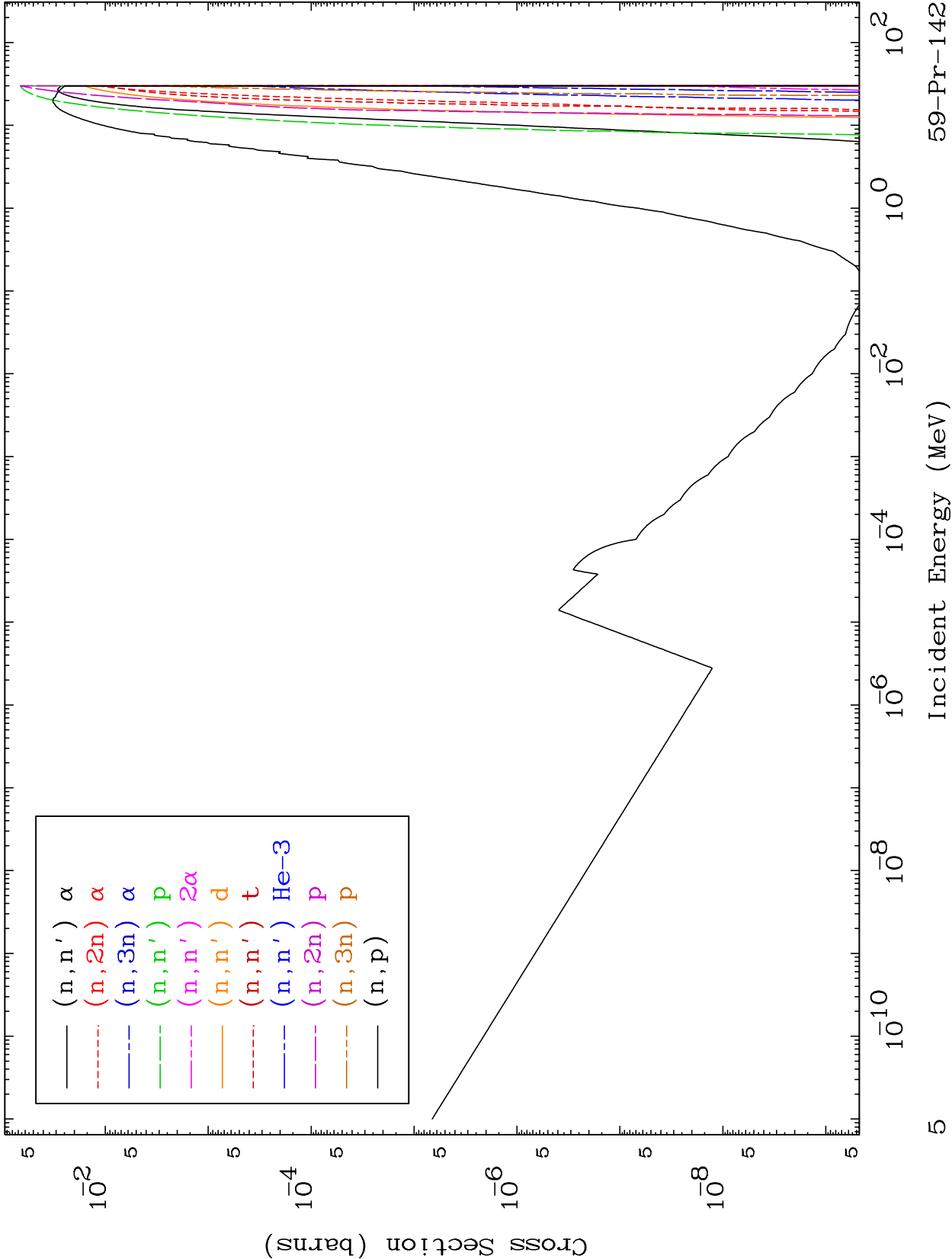
Press Mouse Button to Start

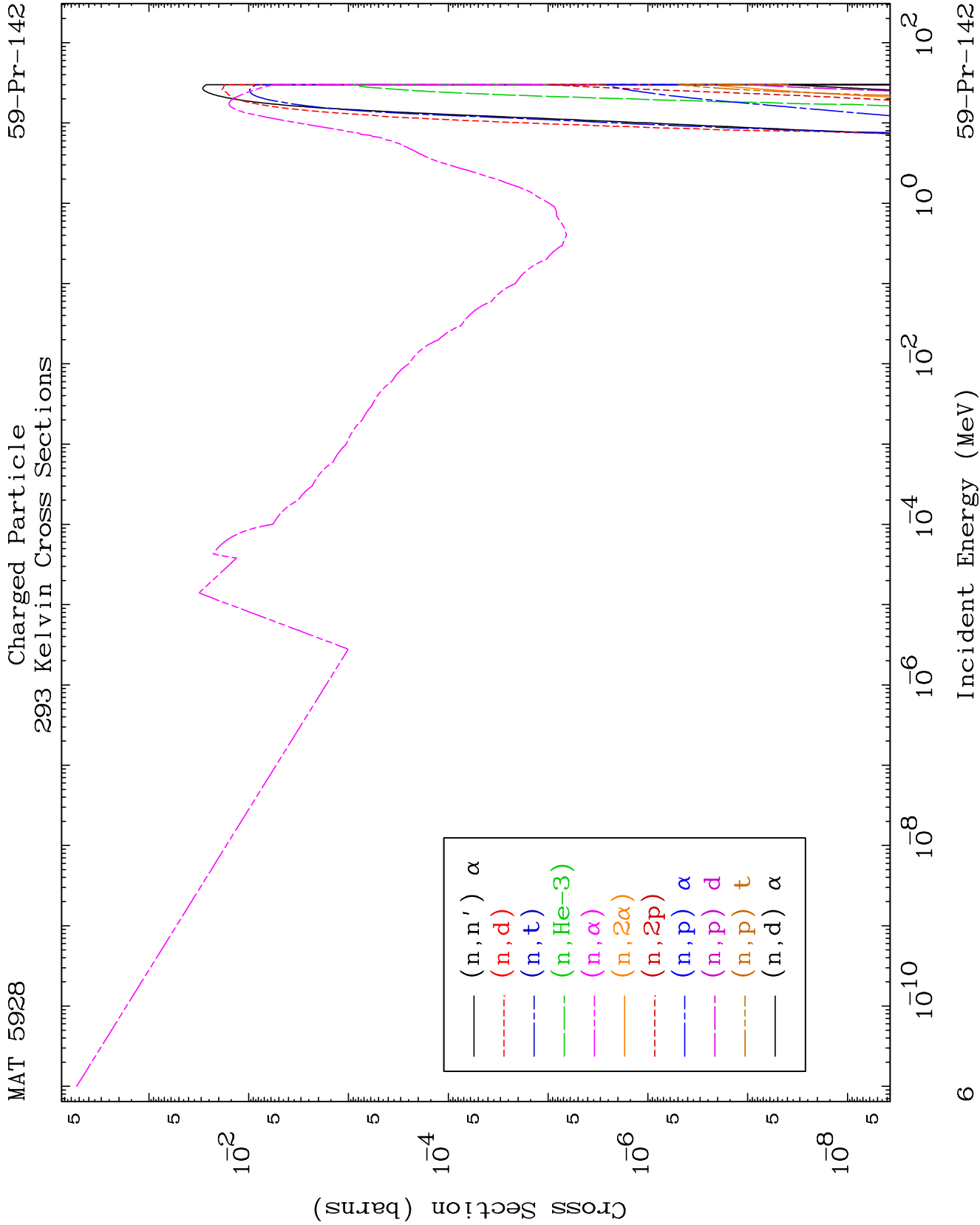


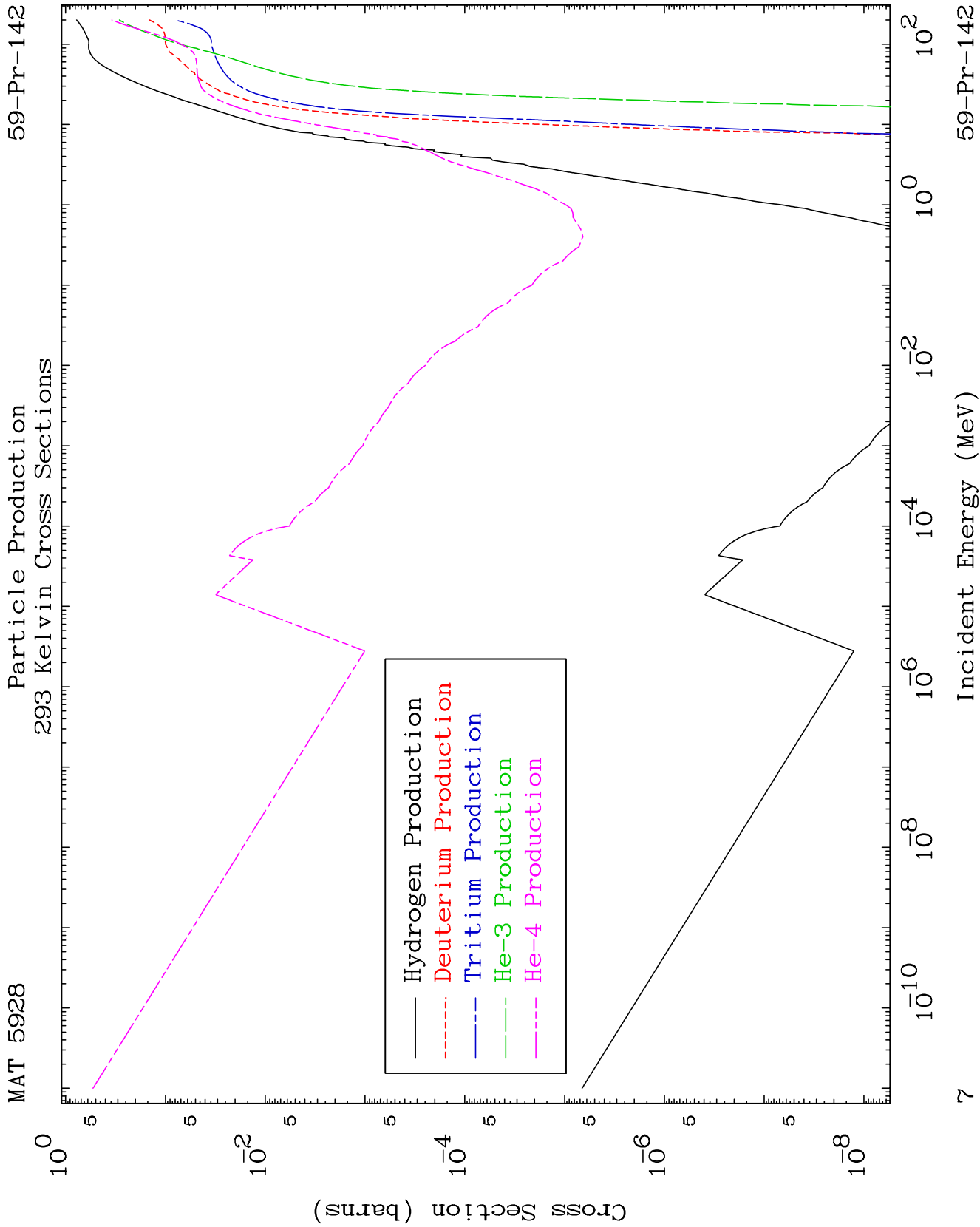


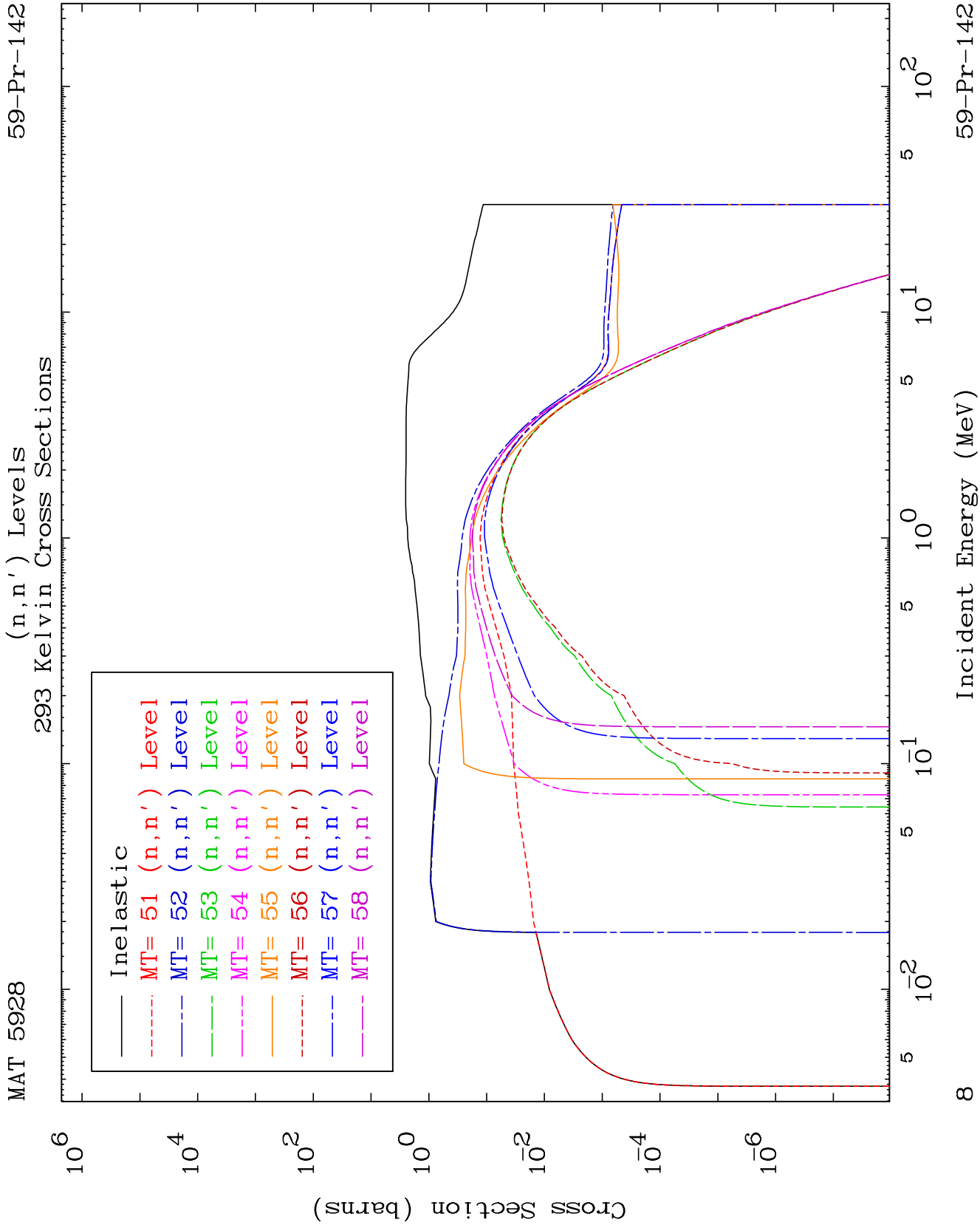


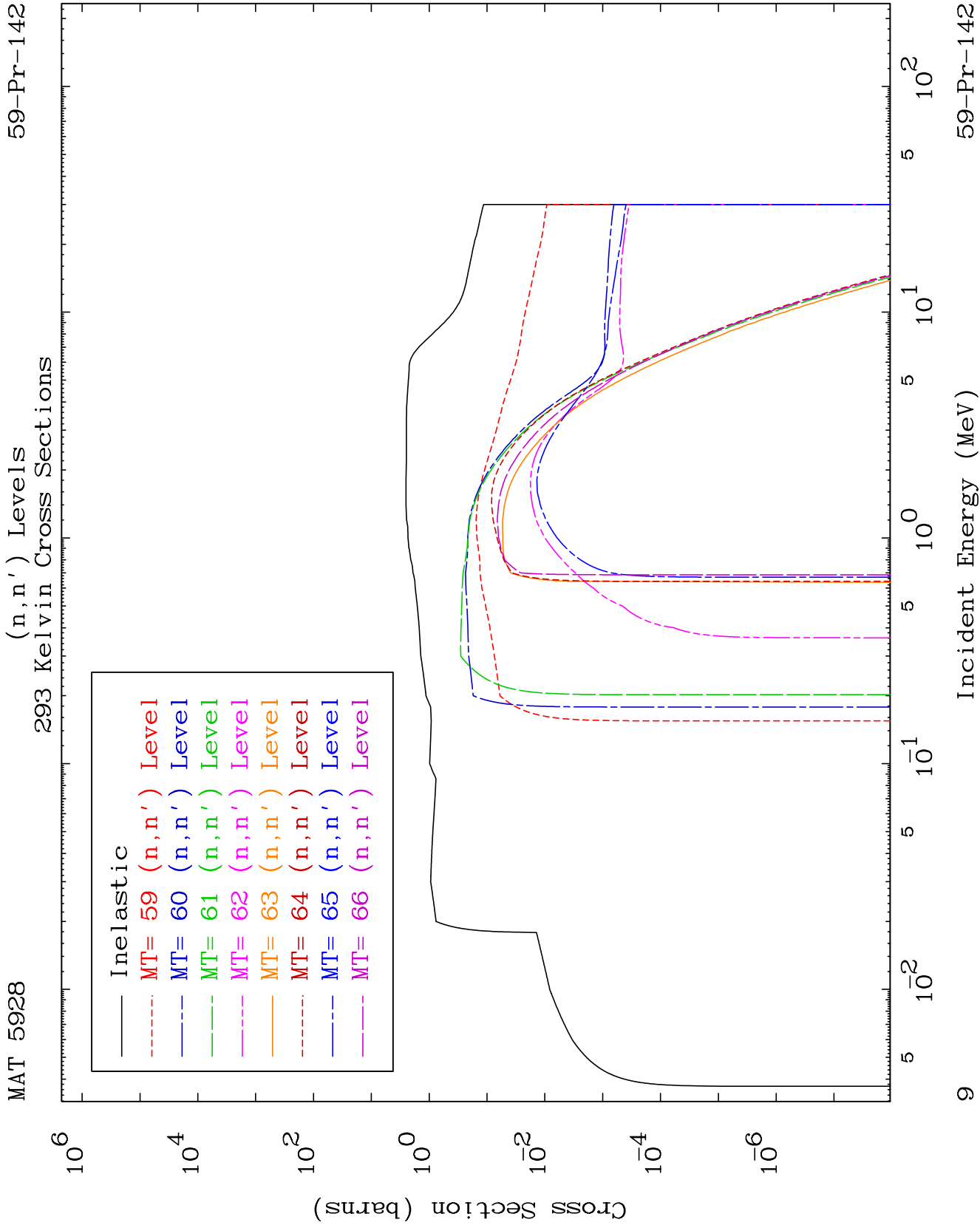






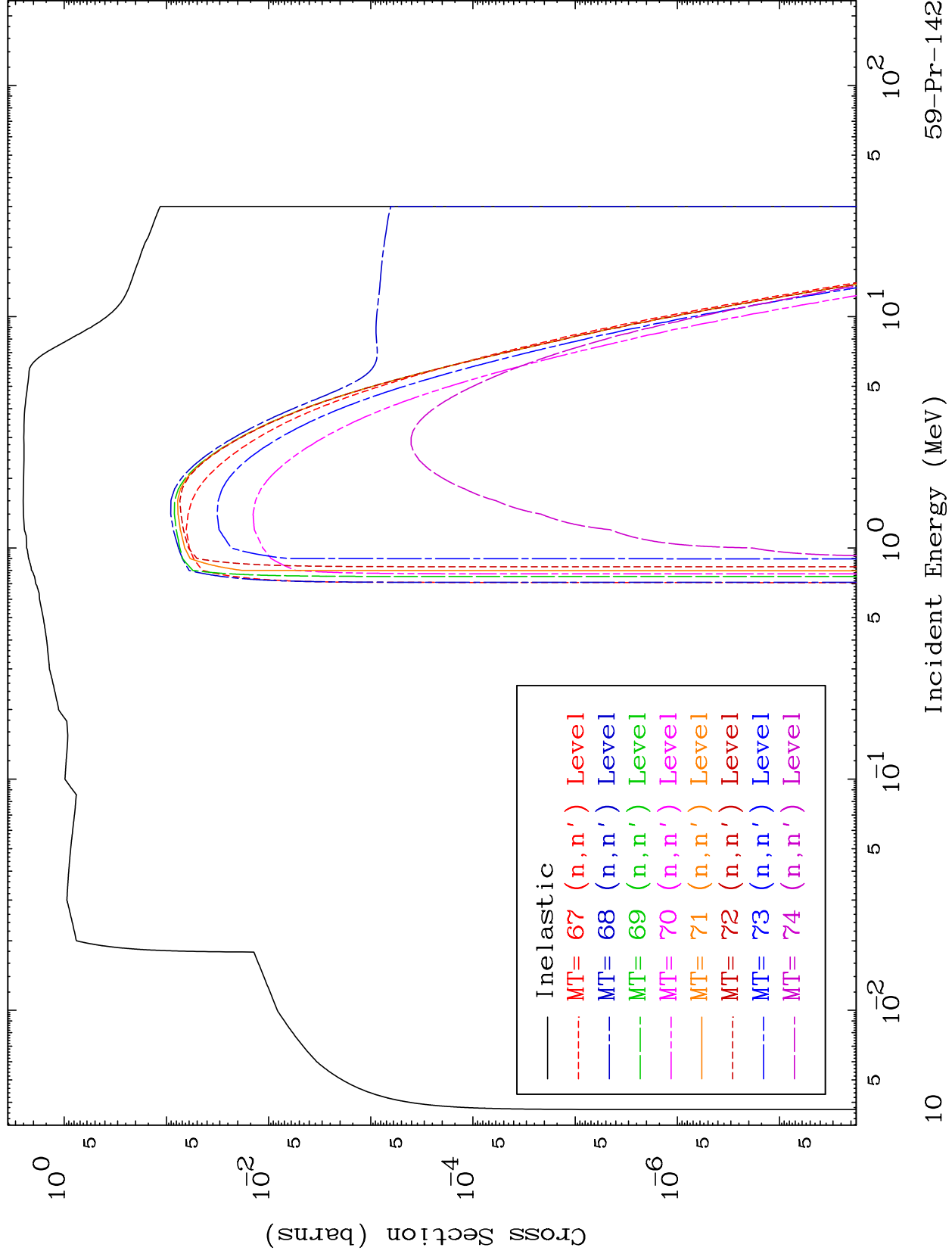




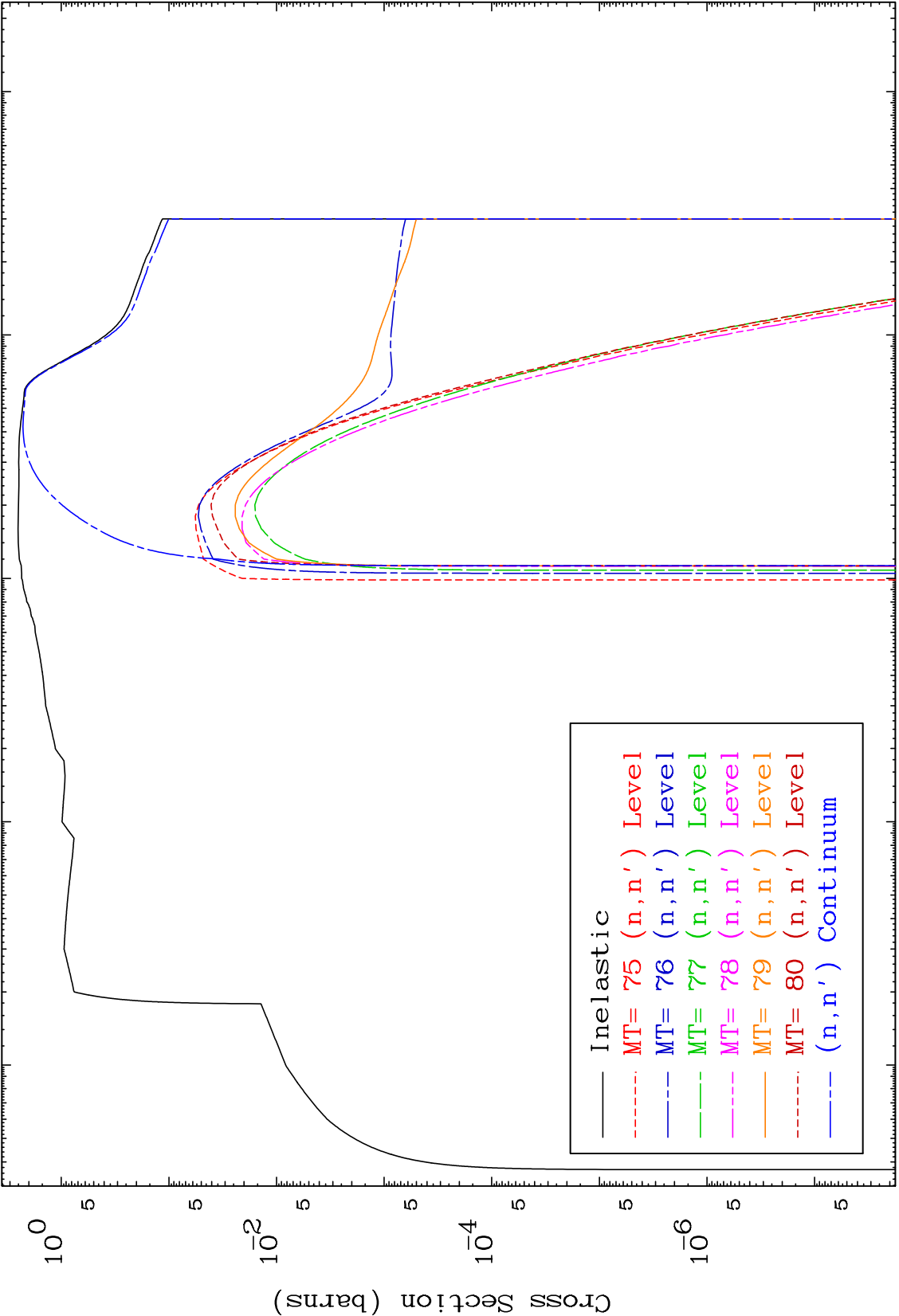


59-Pr-142

59-Pr-142



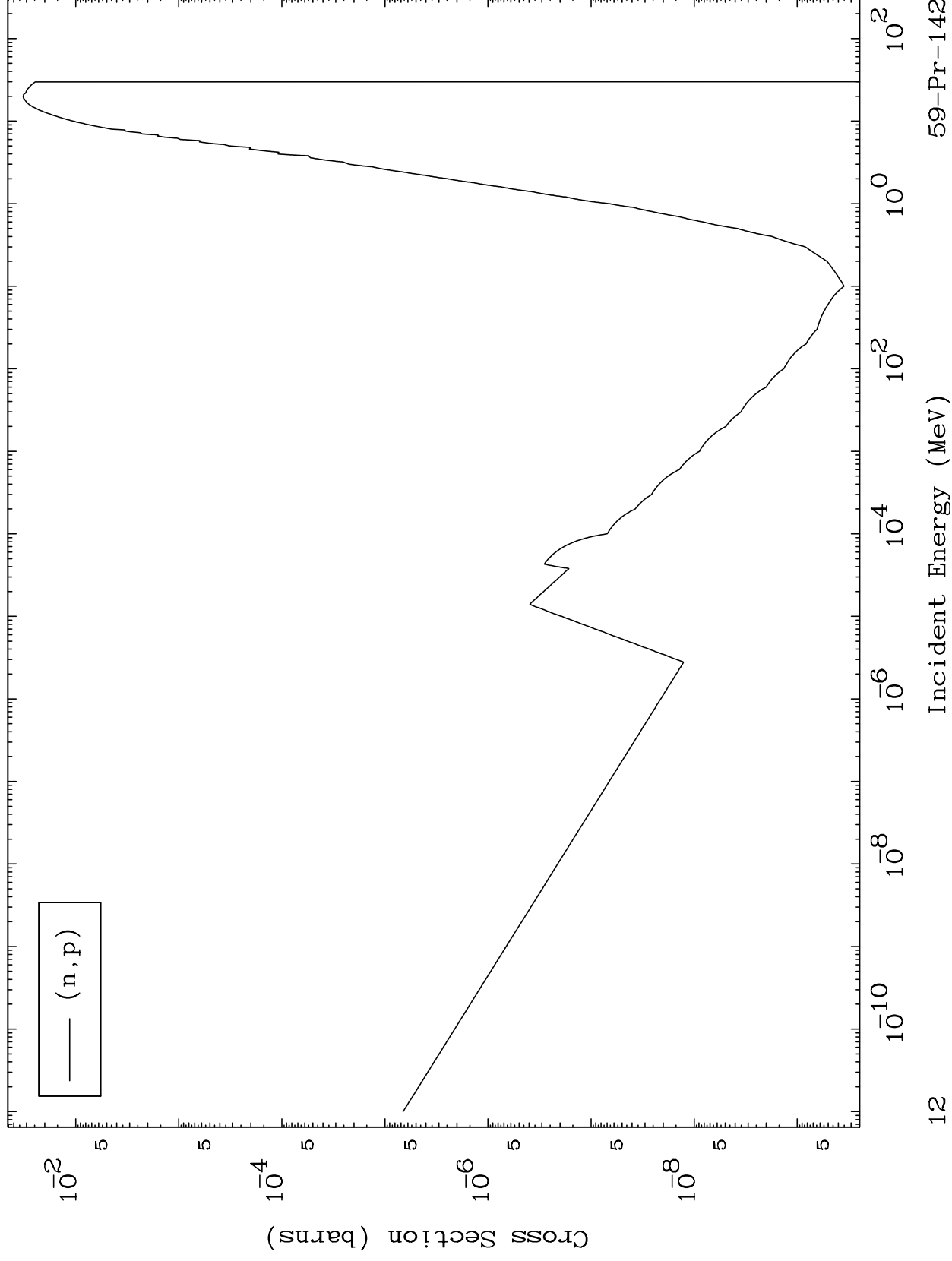
(n,n') Levels
293 Kelvin Cross Sections



MAT 5928

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-142



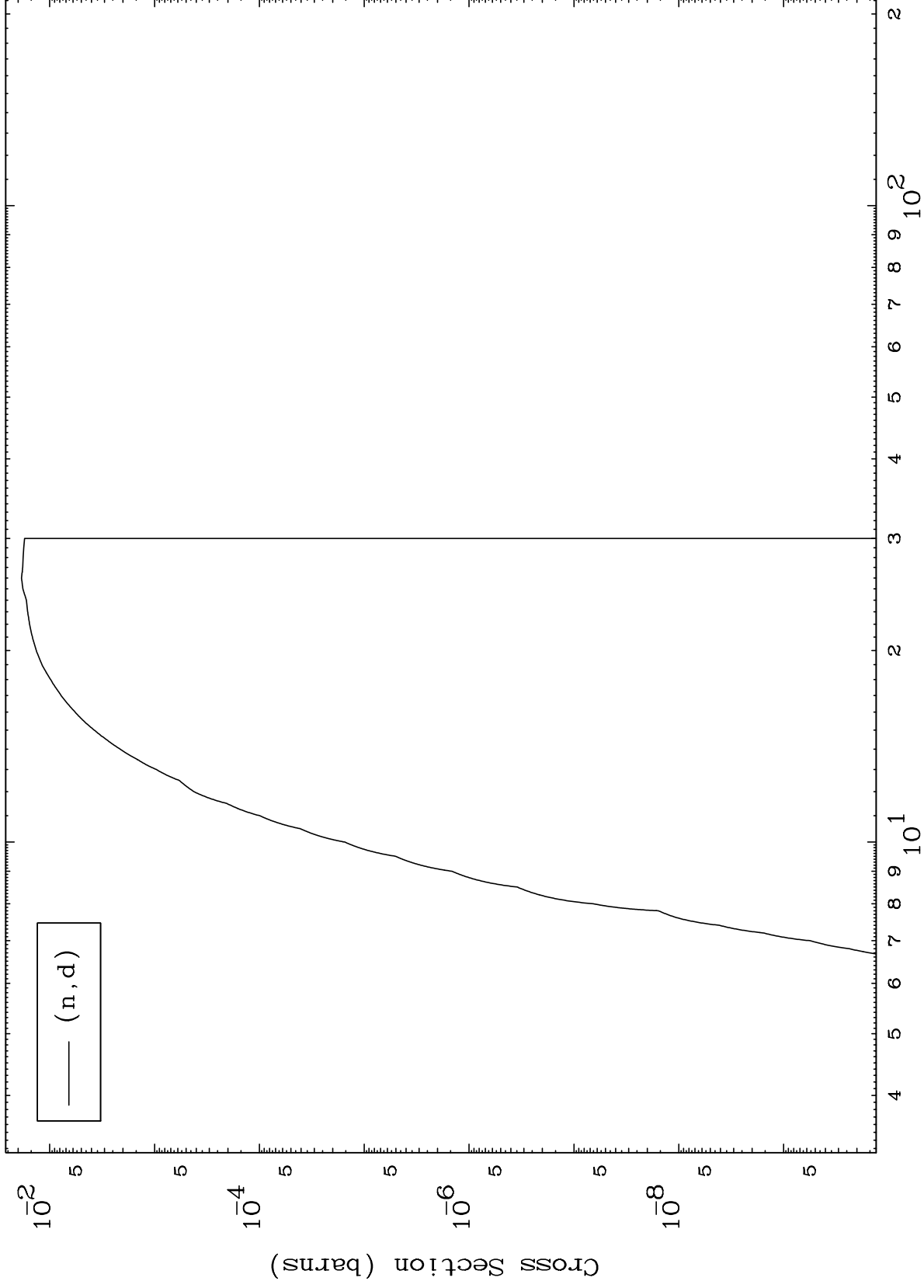
12

59-Pr-142

MAT 5928

59-Pr-142

(n,d) Levels
293 Kelvin Cross Sections



13

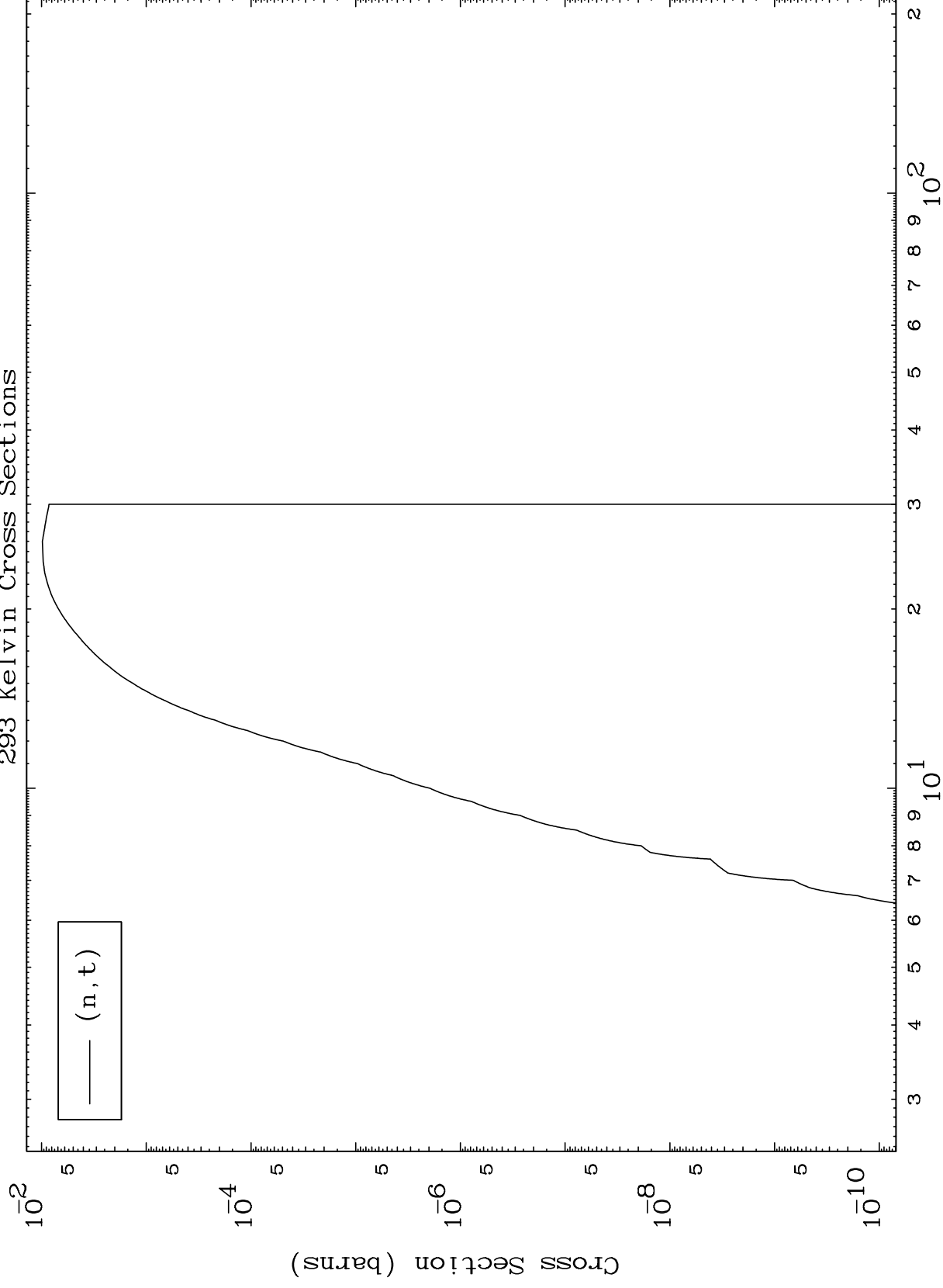
59-Pr-142

Incident Energy (MeV)

MAT 5928

59-Pr-142

(n,t) Levels
293 Kelvin Cross Sections



59-Pr-142

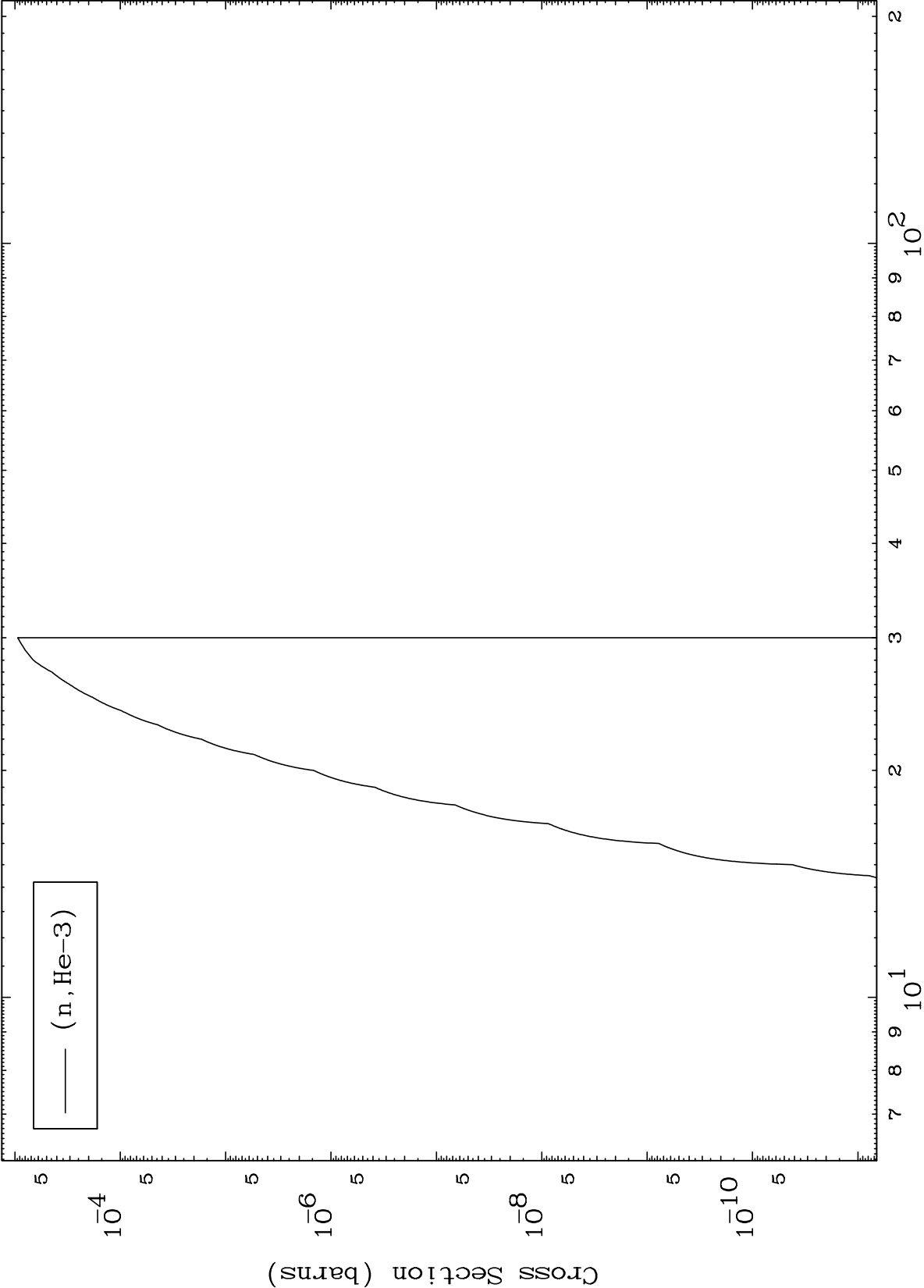
Incident Energy (MeV)

14

MAT 5928

59-Pr-142

(n,He3) Levels
293 Kelvin Cross Sections



59-Pr-142

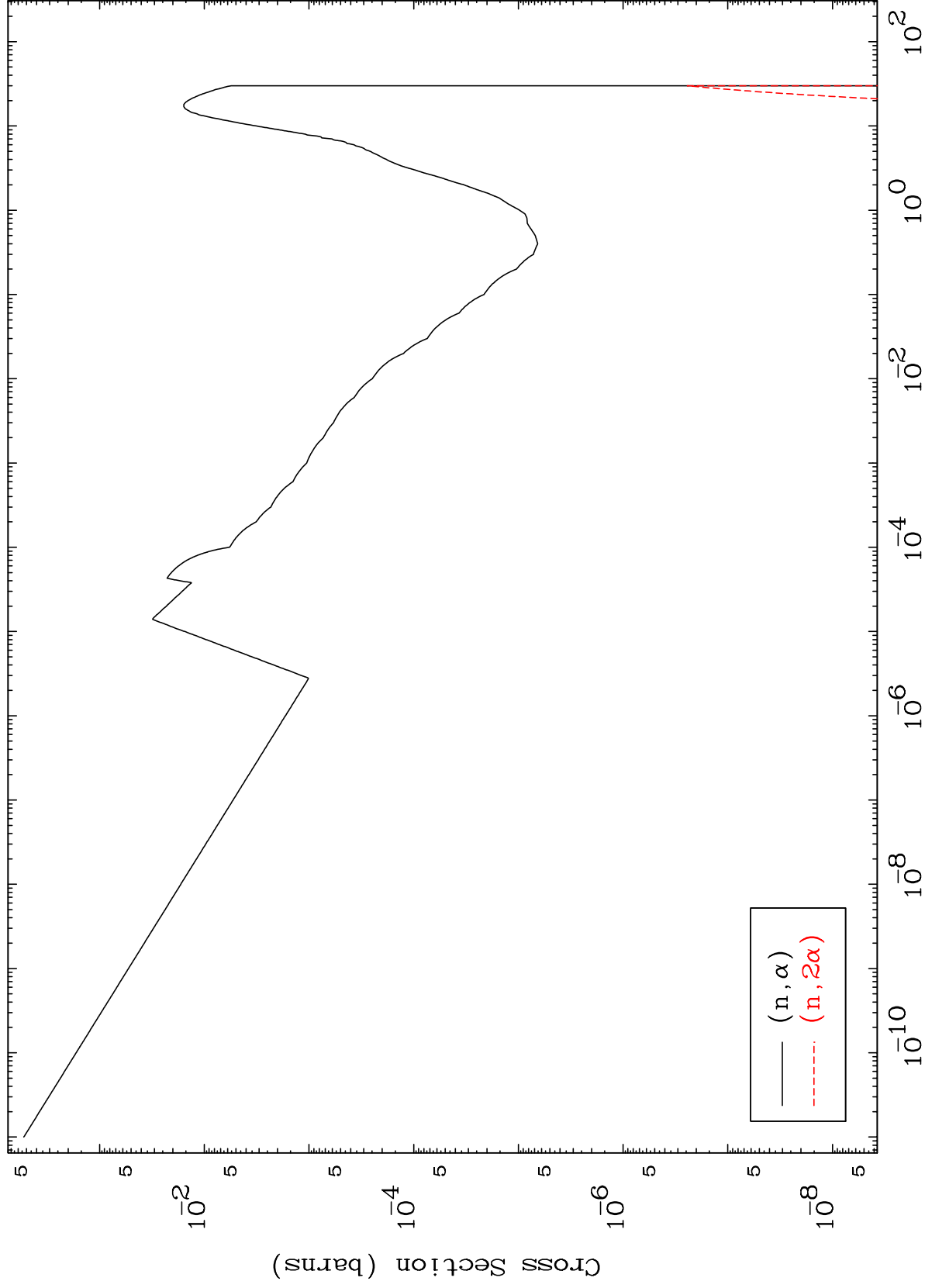
Incident Energy (MeV)

15

MAT 5928

59-Pr-142

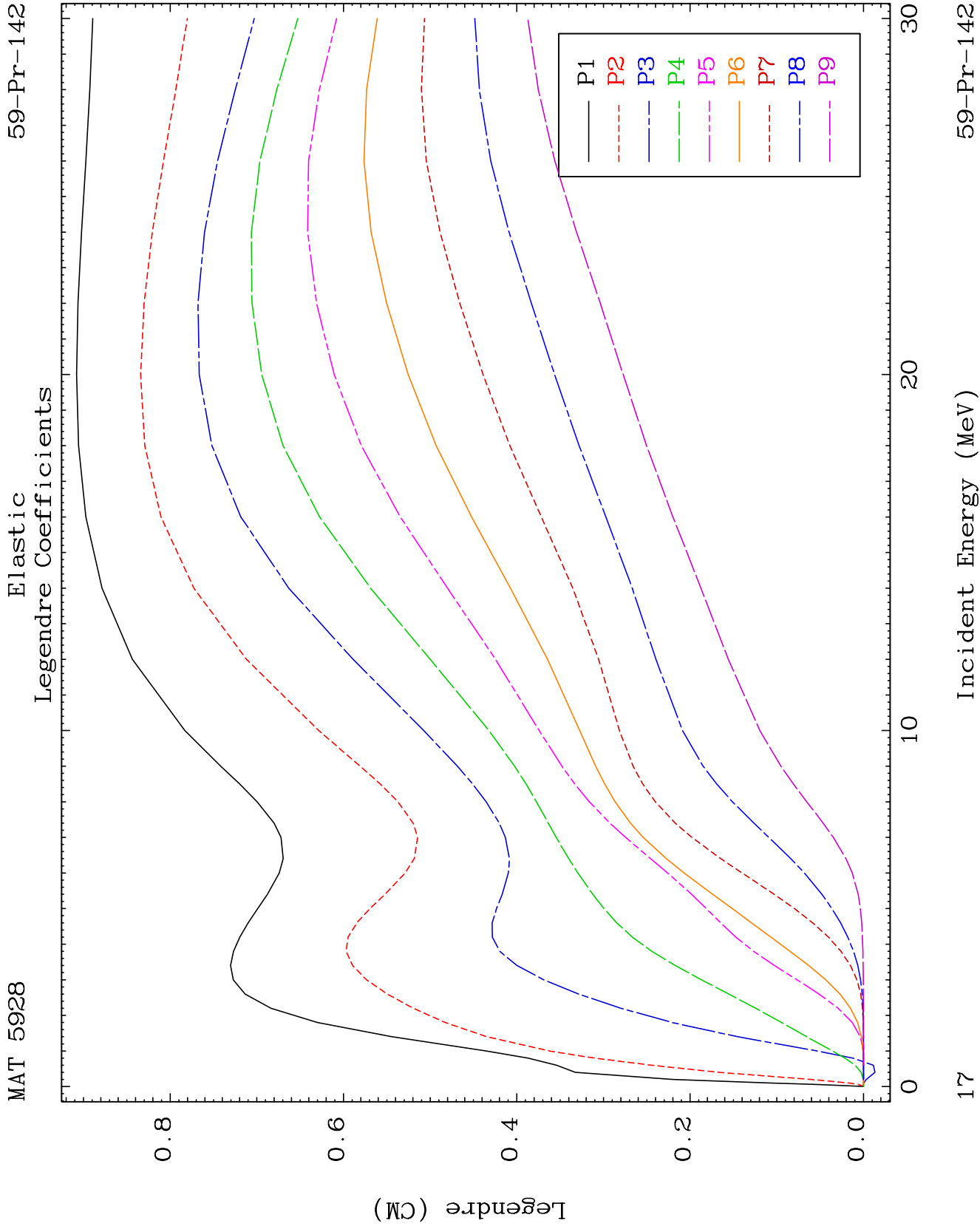
(n, α) Levels
293 Kelvin Cross Sections



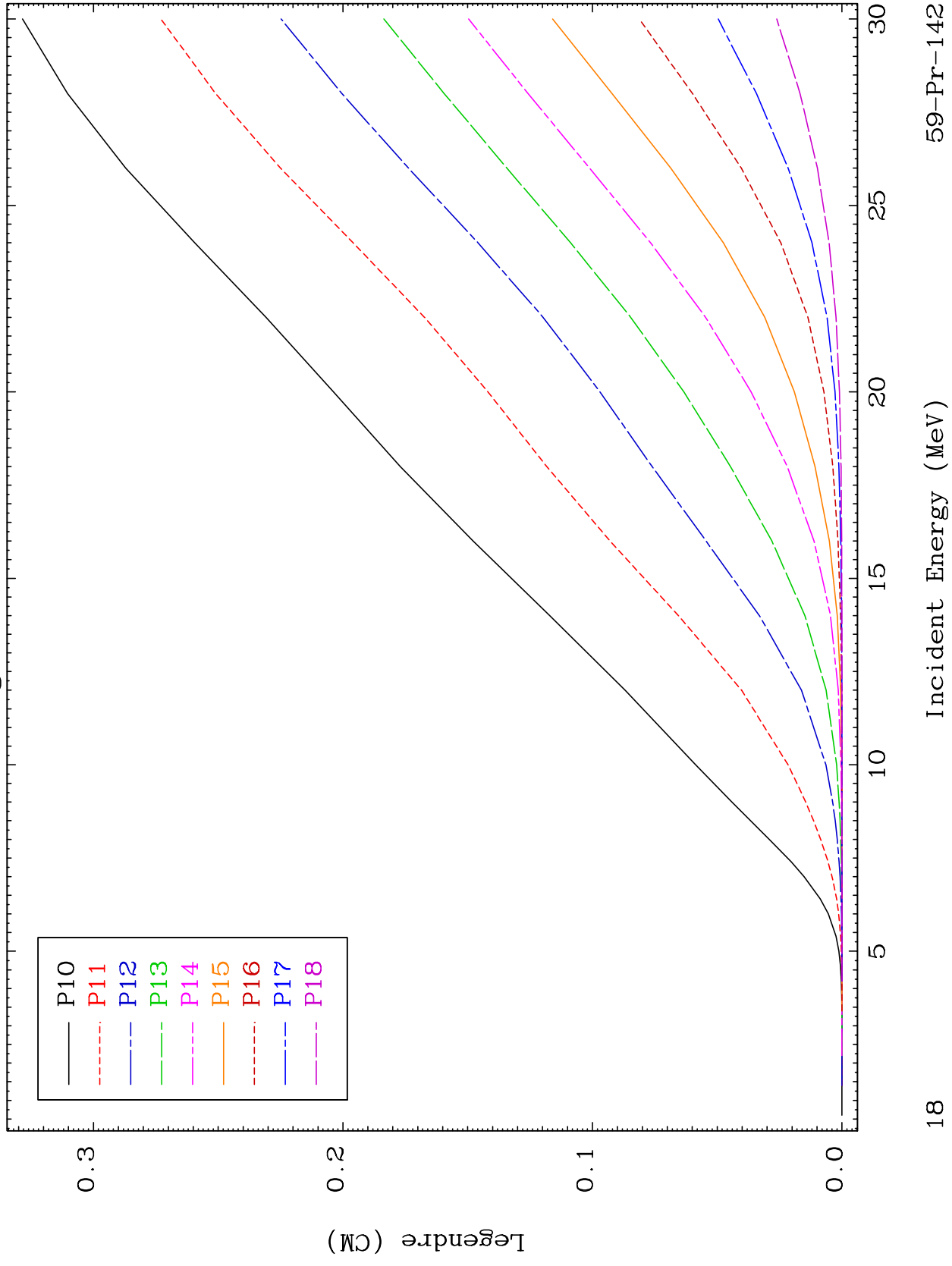
59-Pr-142

Incident Energy (MeV)

16



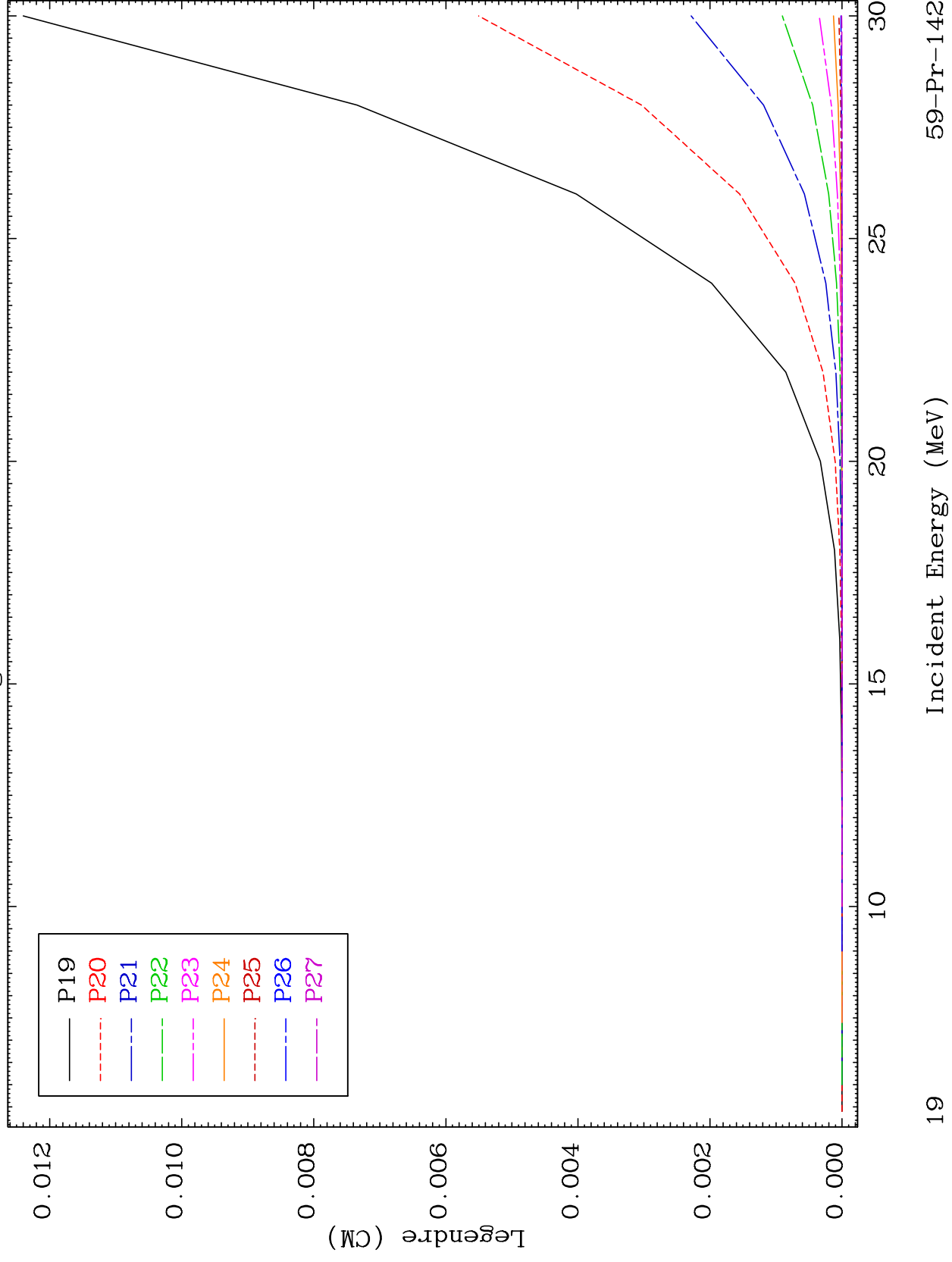
59-Pr-142

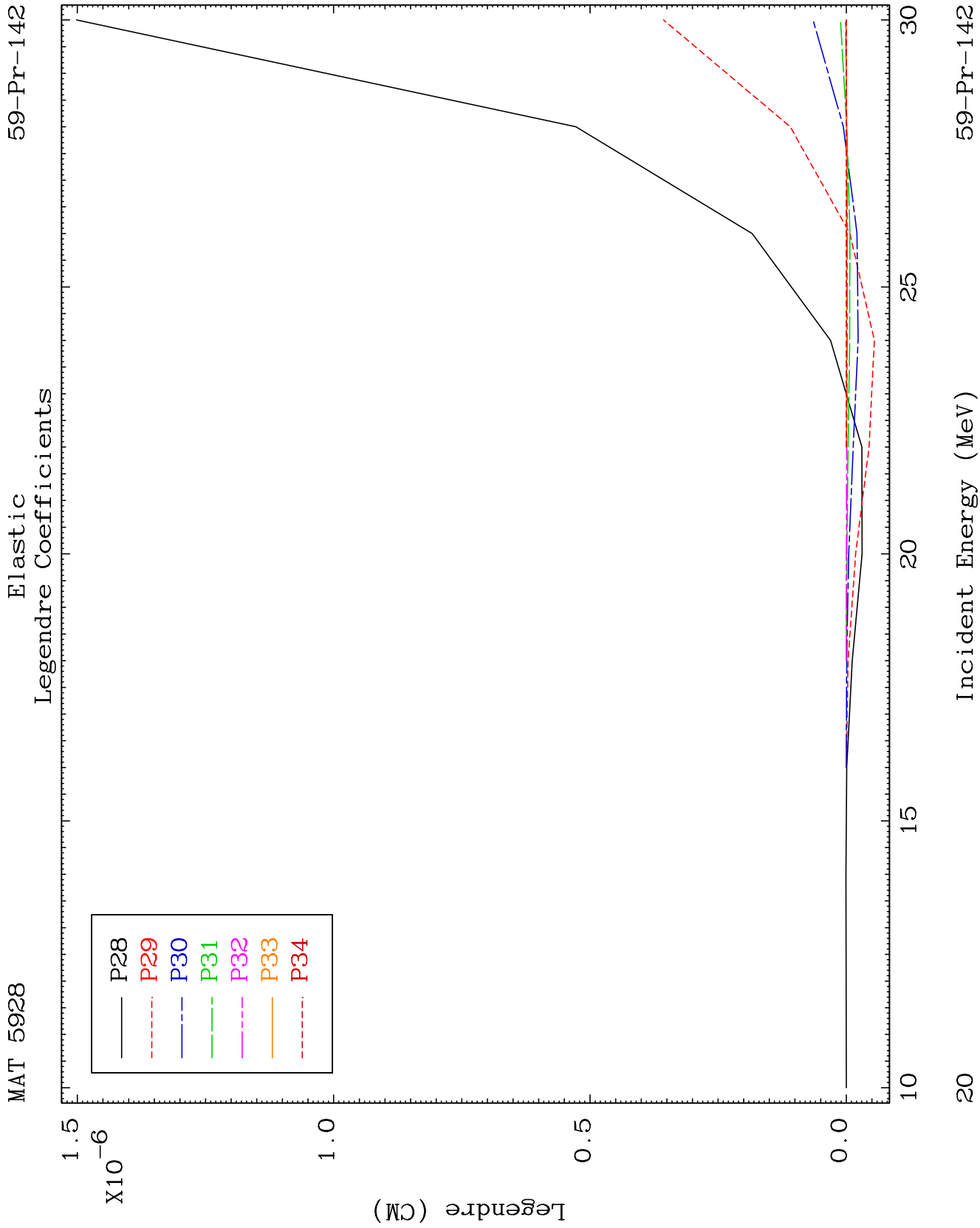


MAT 5928

Elastic Legendre Coefficients

59-Pr-142

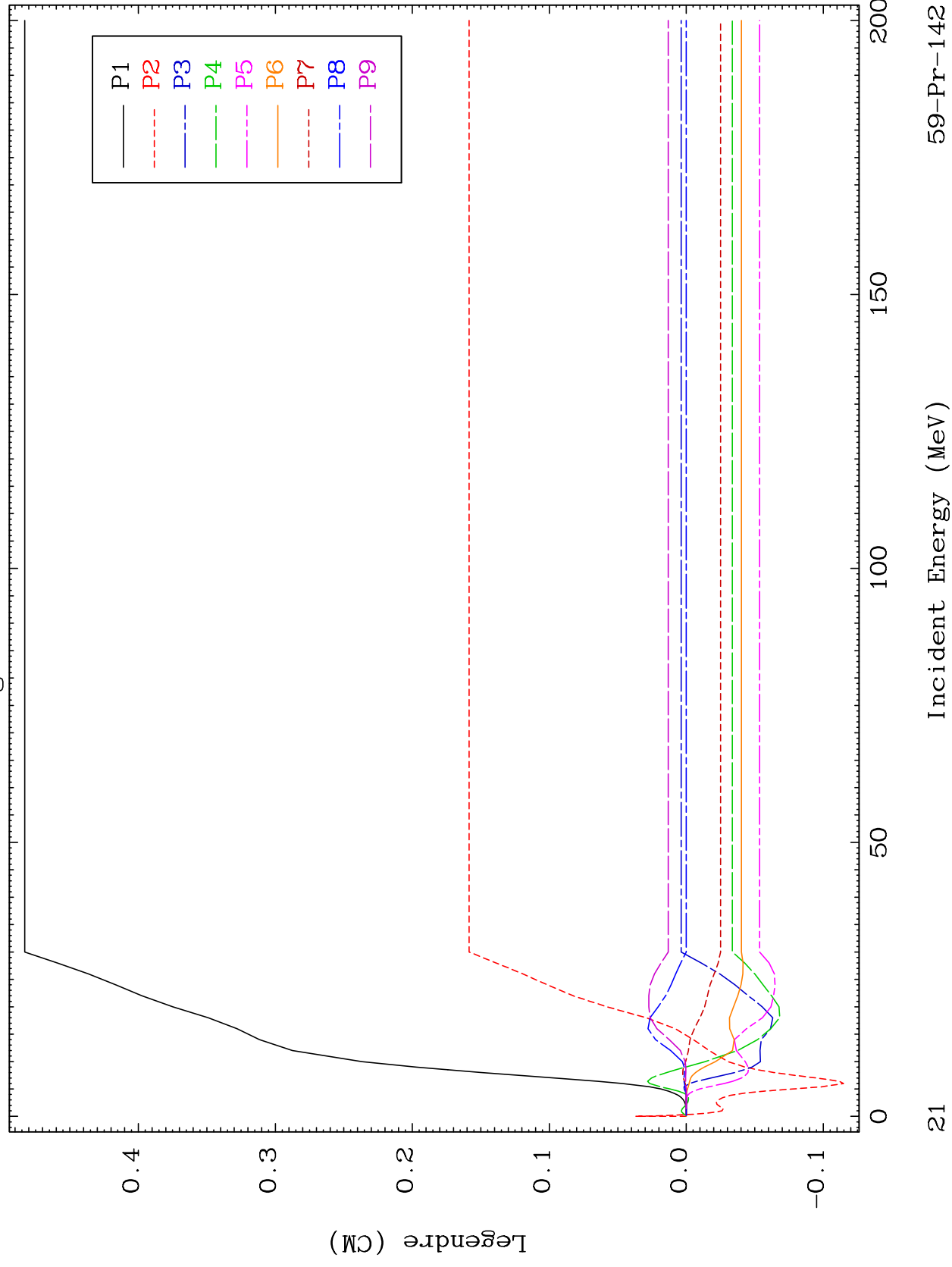




MAT 5928

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

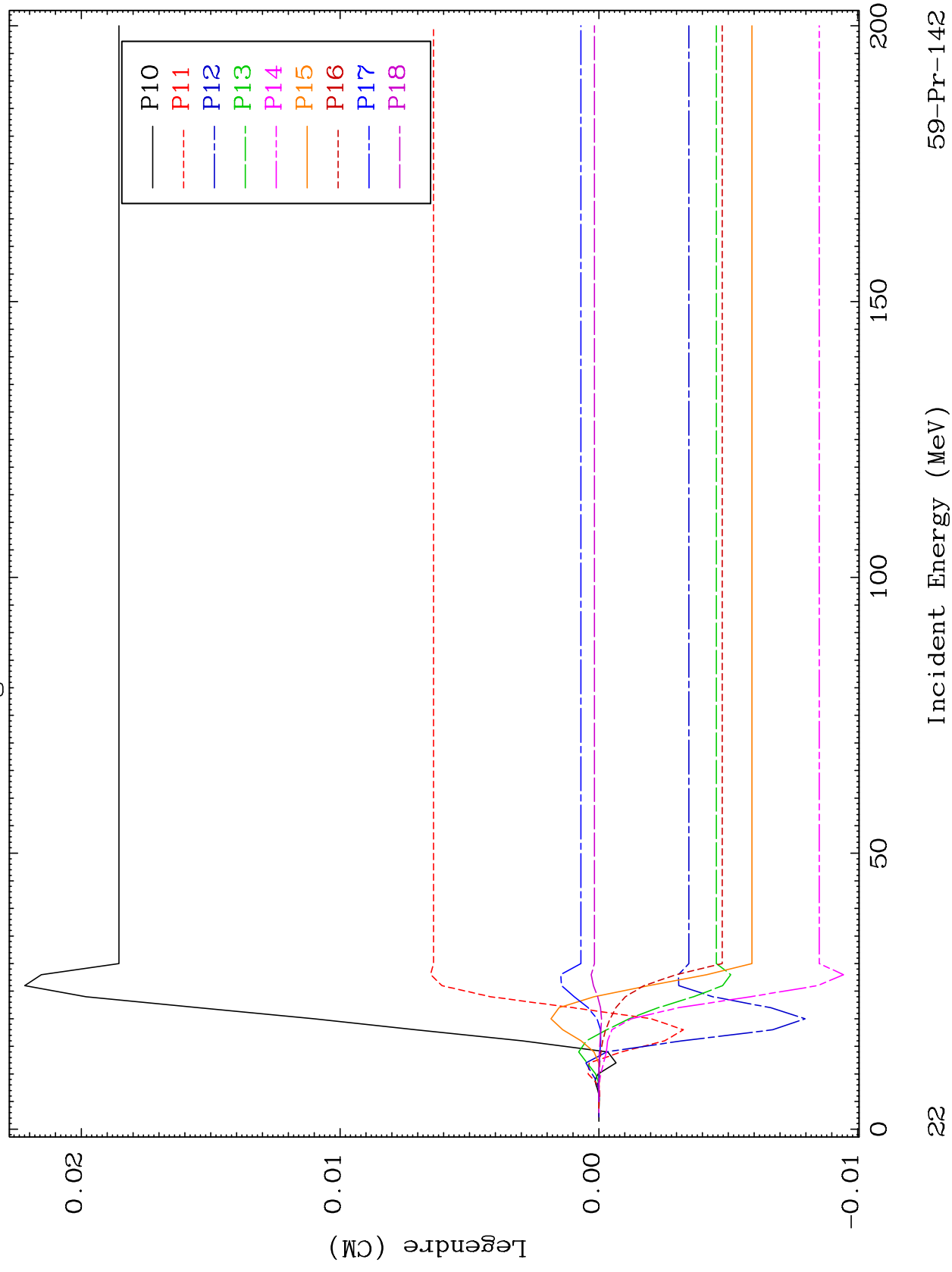
59-Pr-142

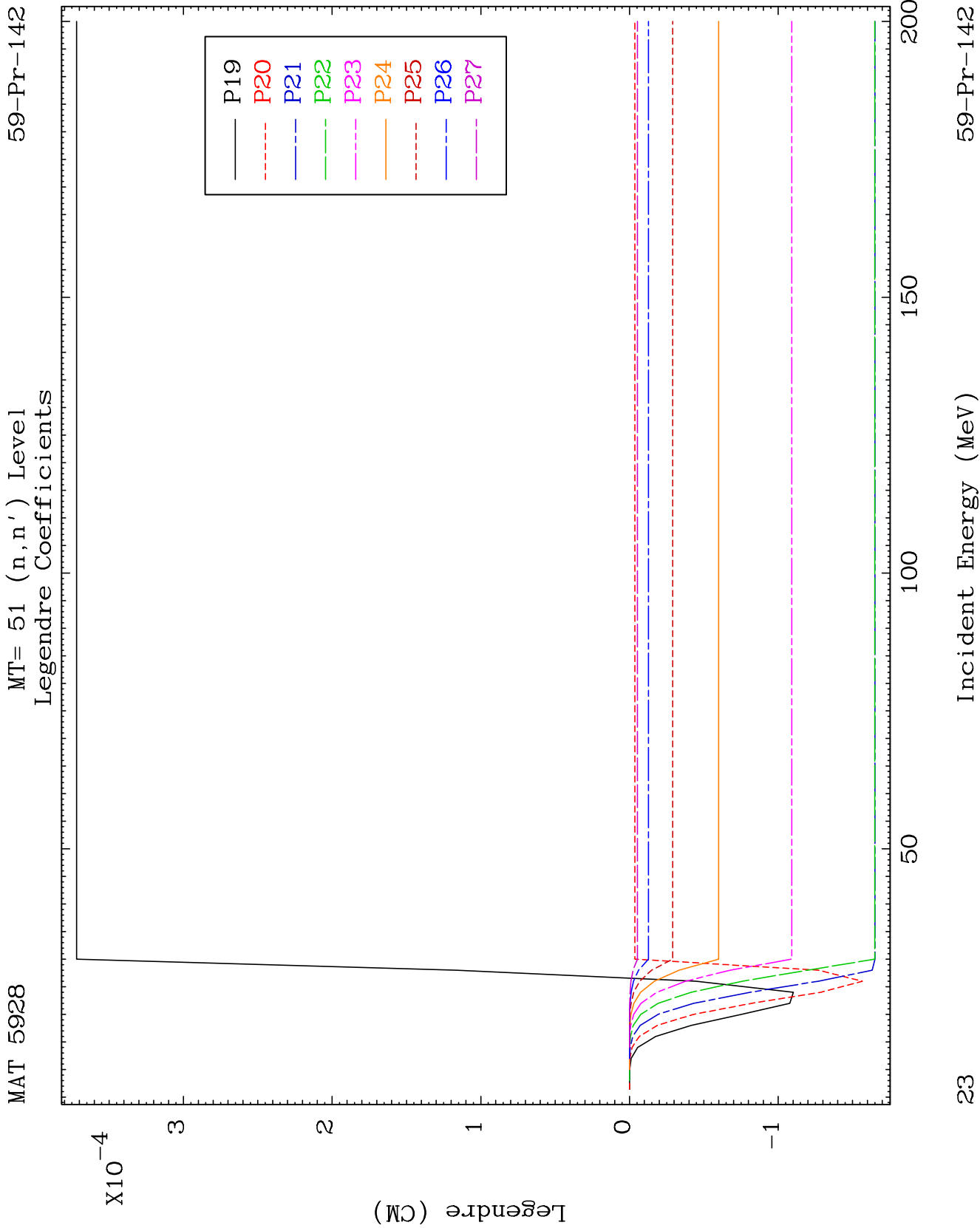


MAT 5928

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

59-Pr-142



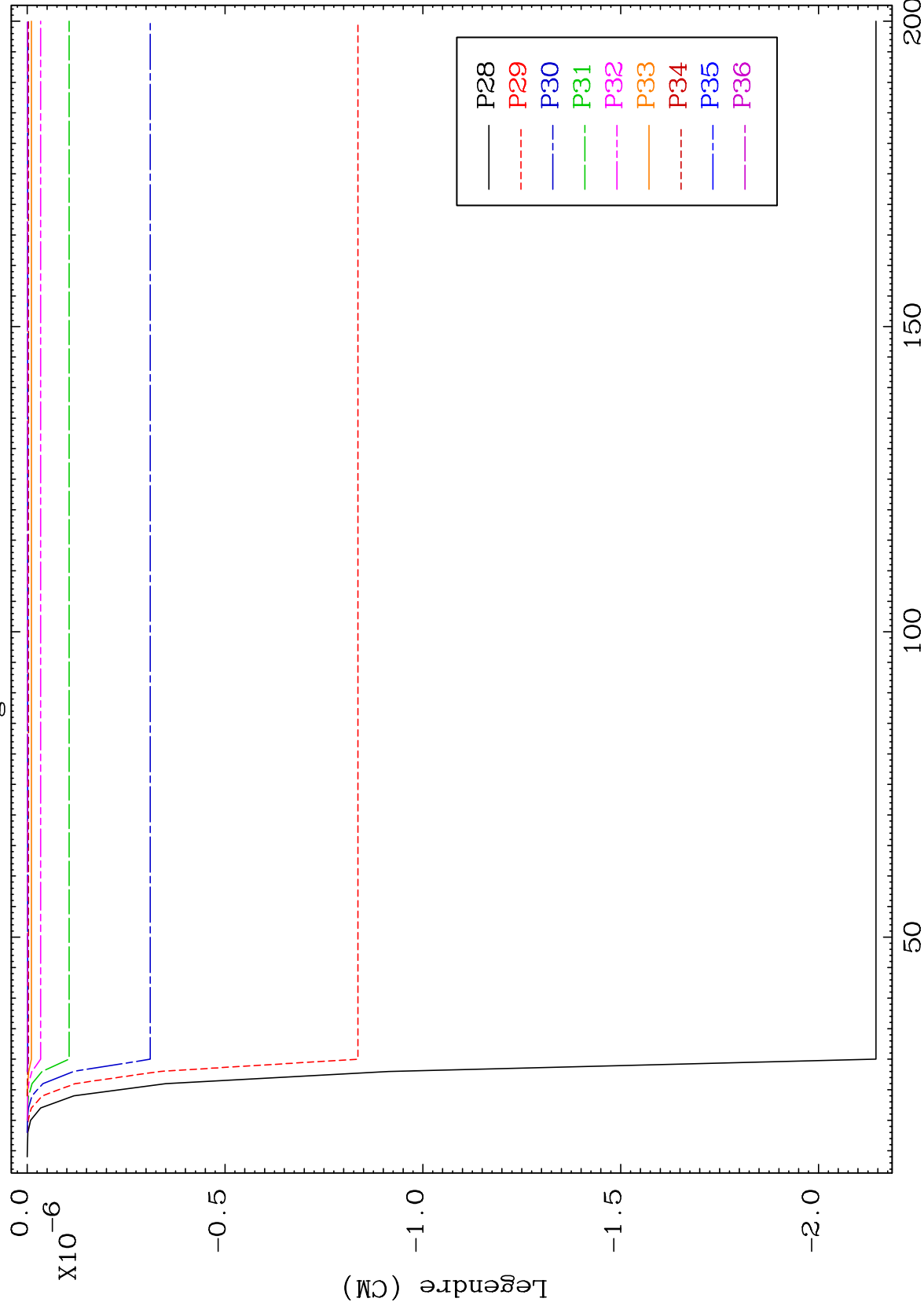


MAT 5928

MT= 51 (n, n') Level

59-Pr-142

Legendre Coefficients



24

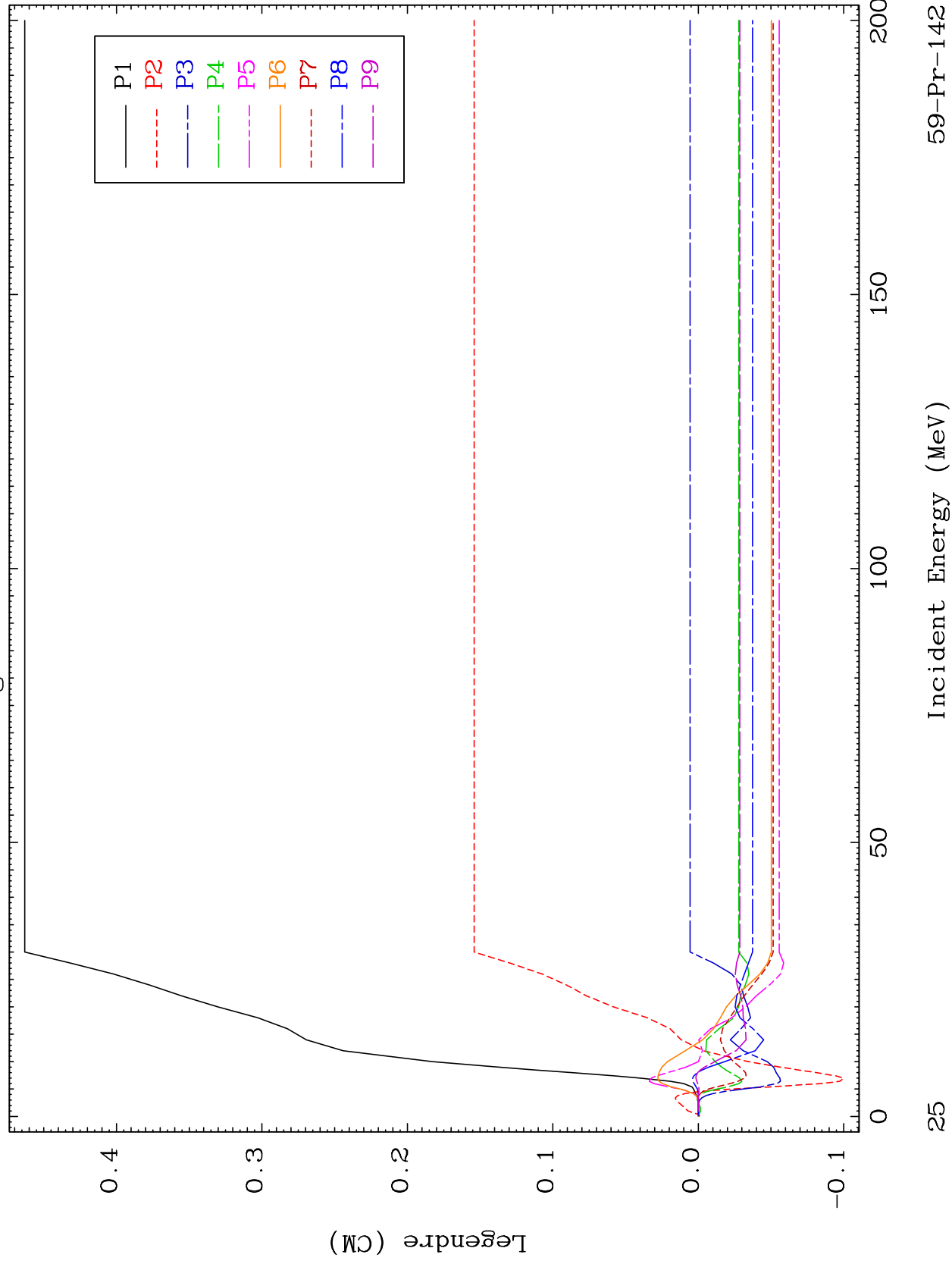
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

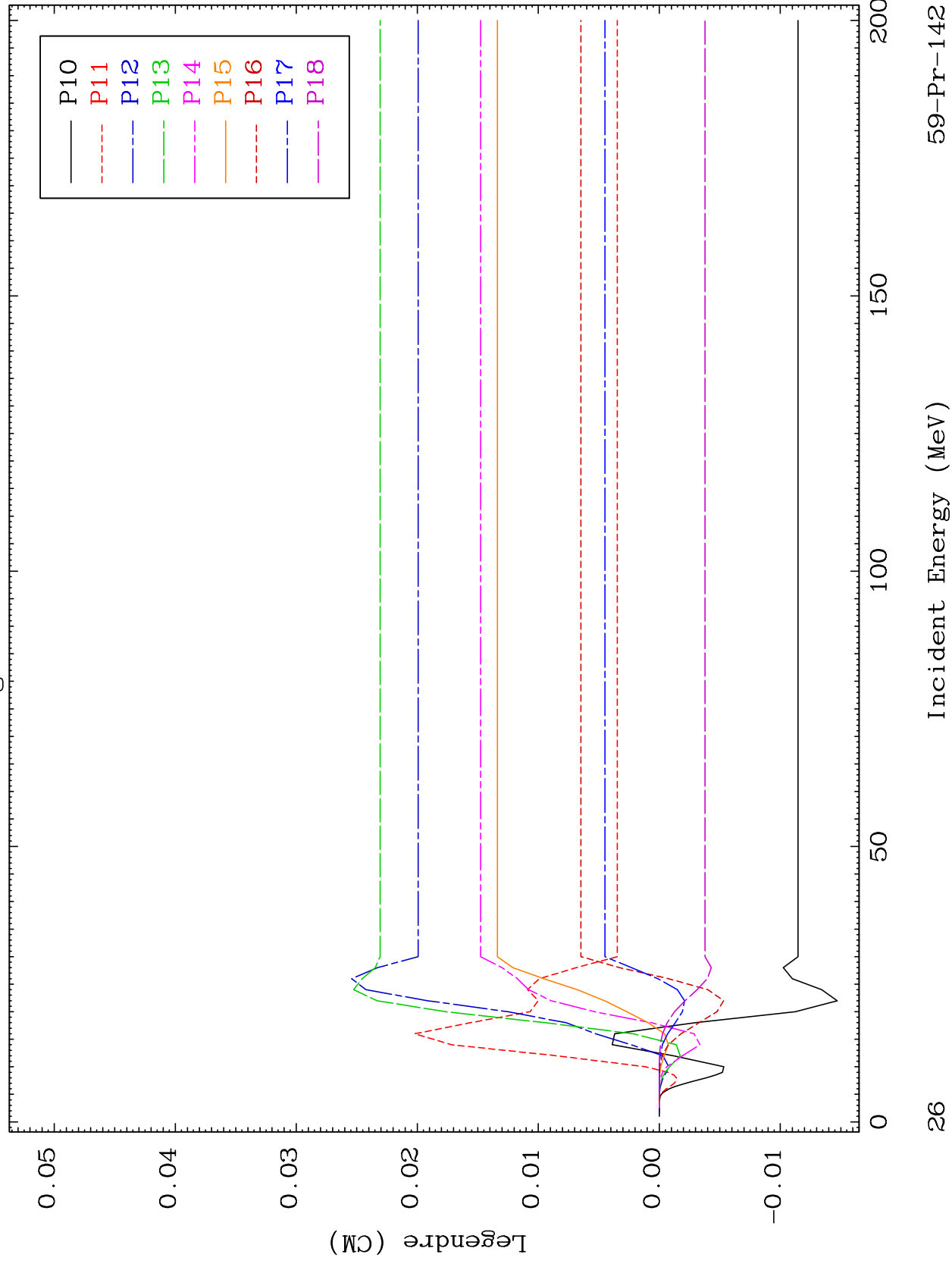
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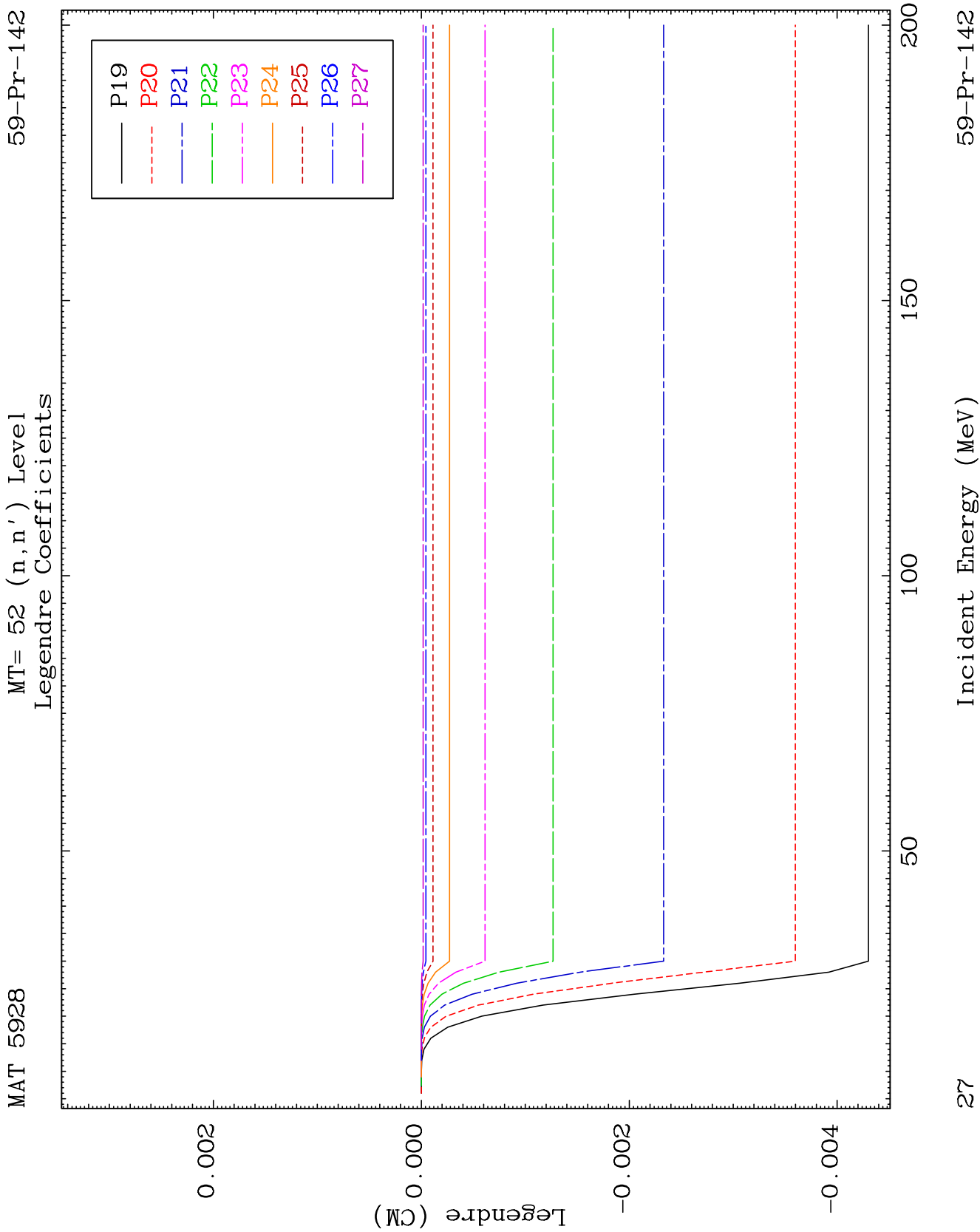


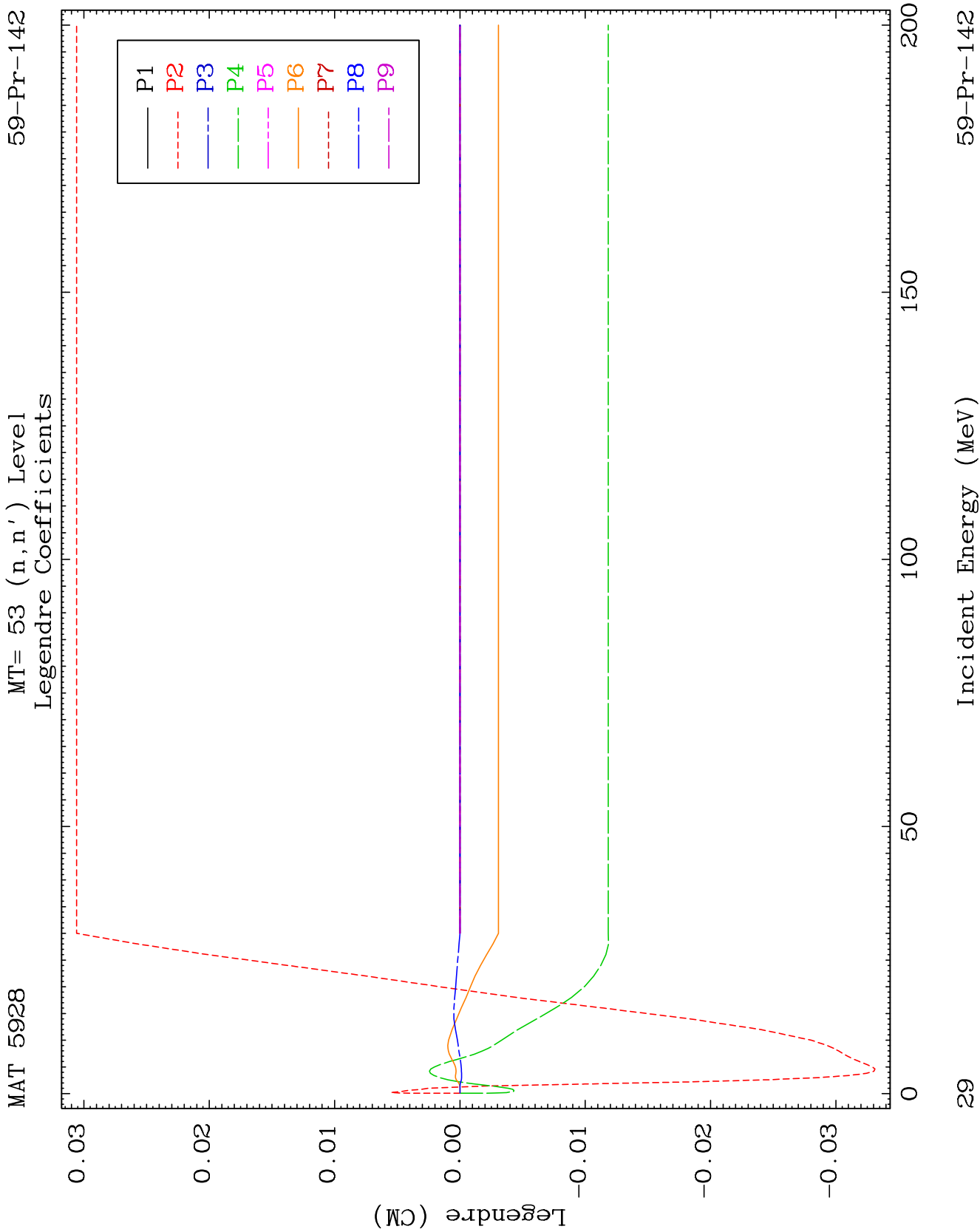
MAT 5928

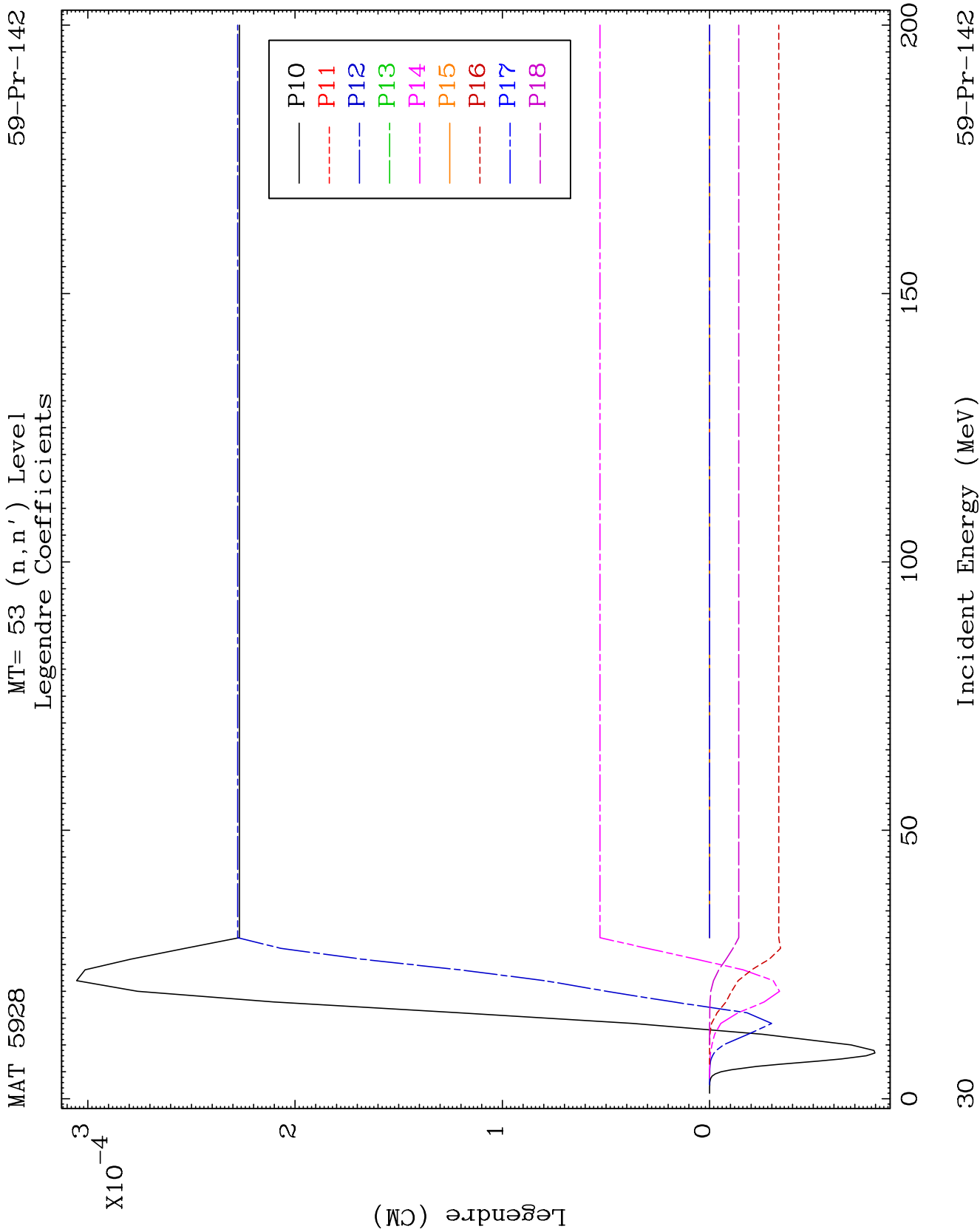
MT= 52 (n, n') Level
Legendre Coefficients

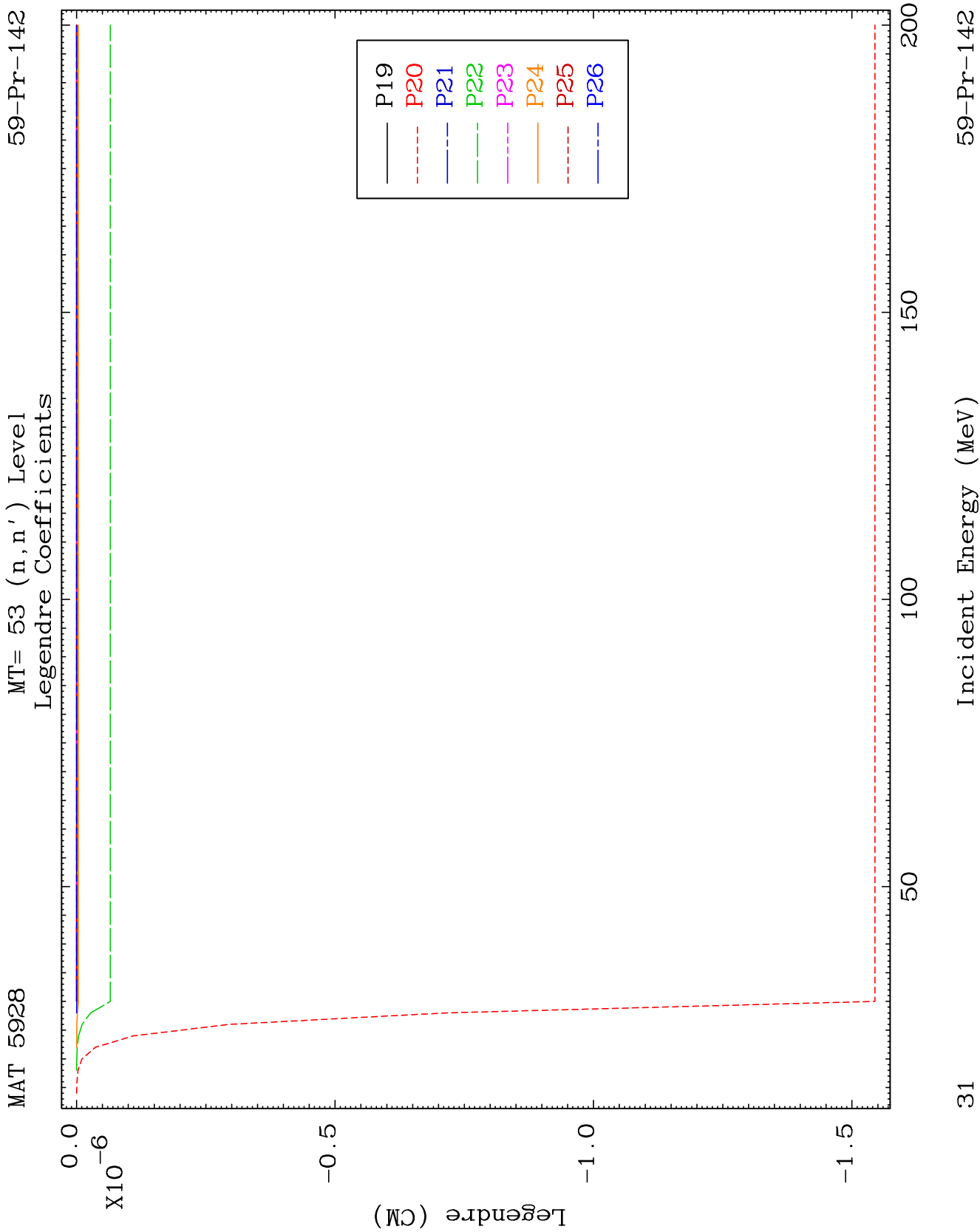
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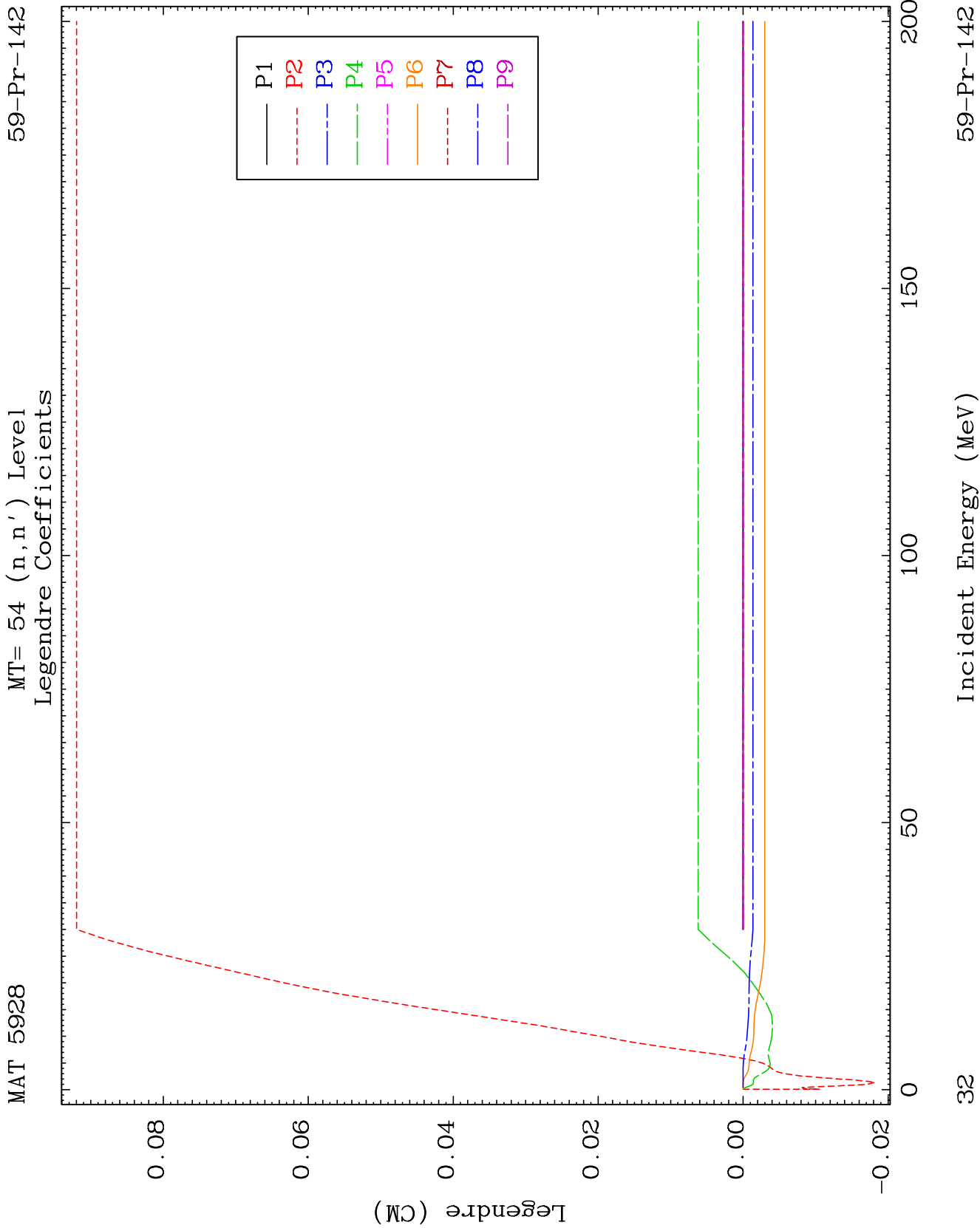


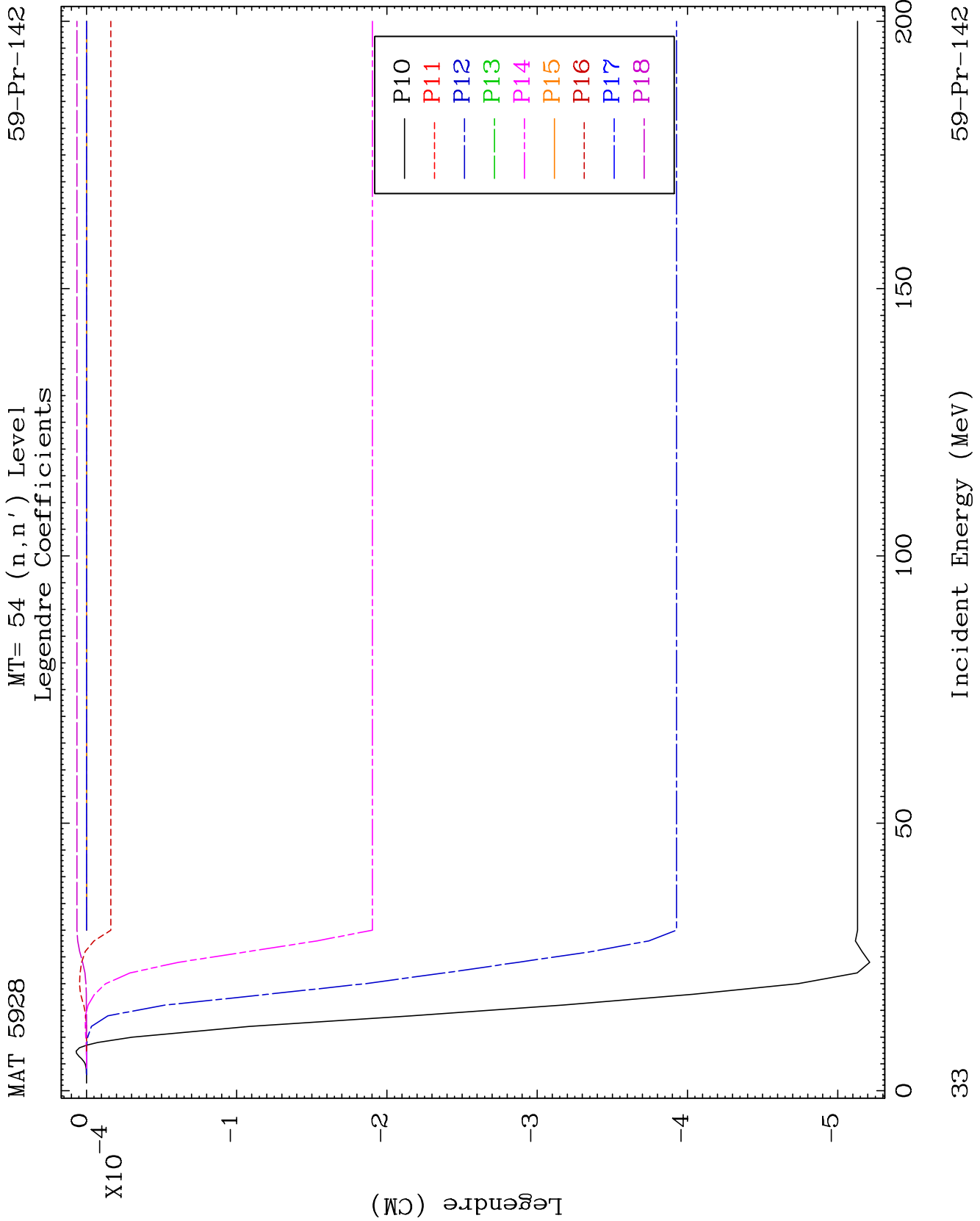








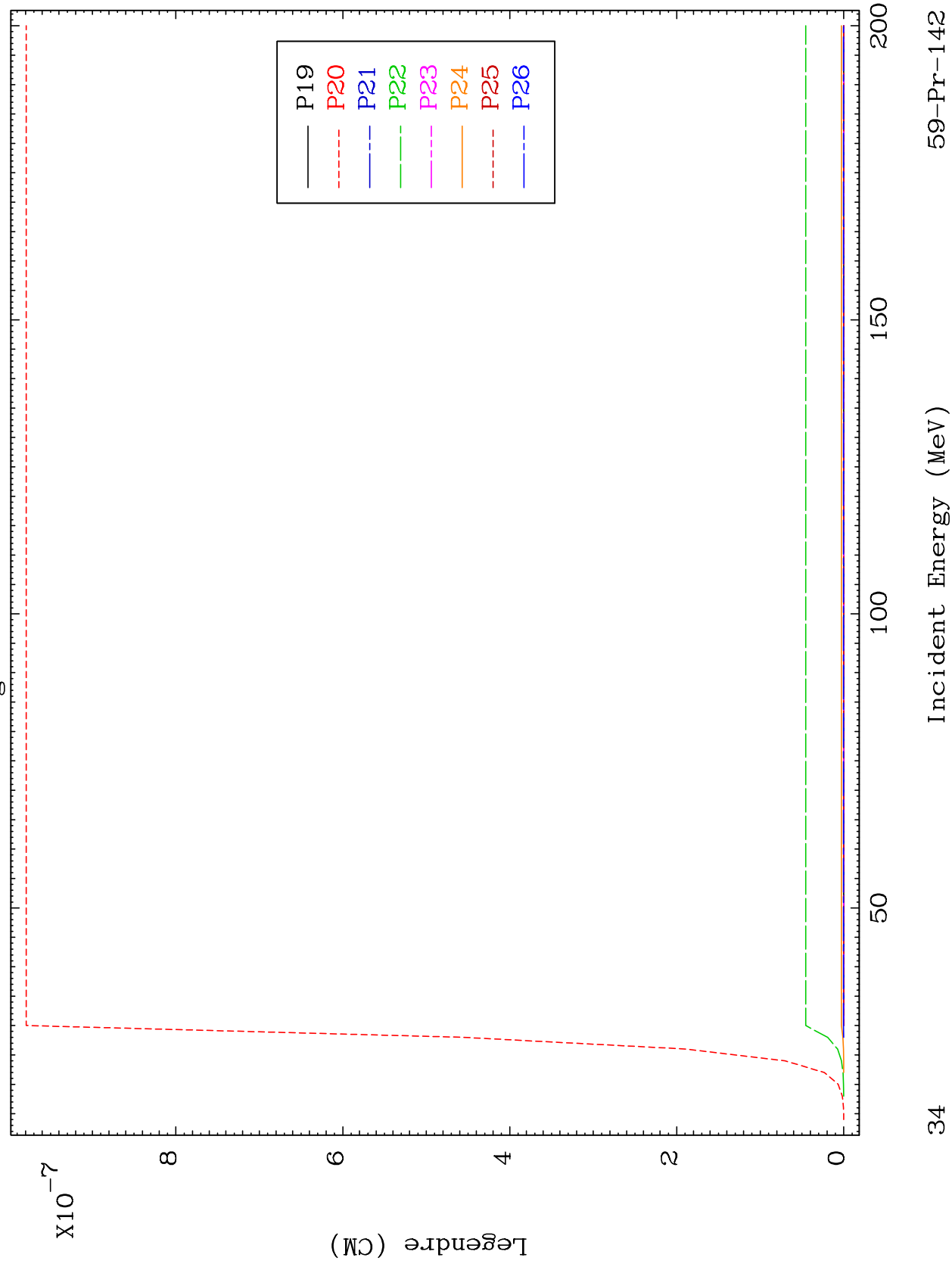


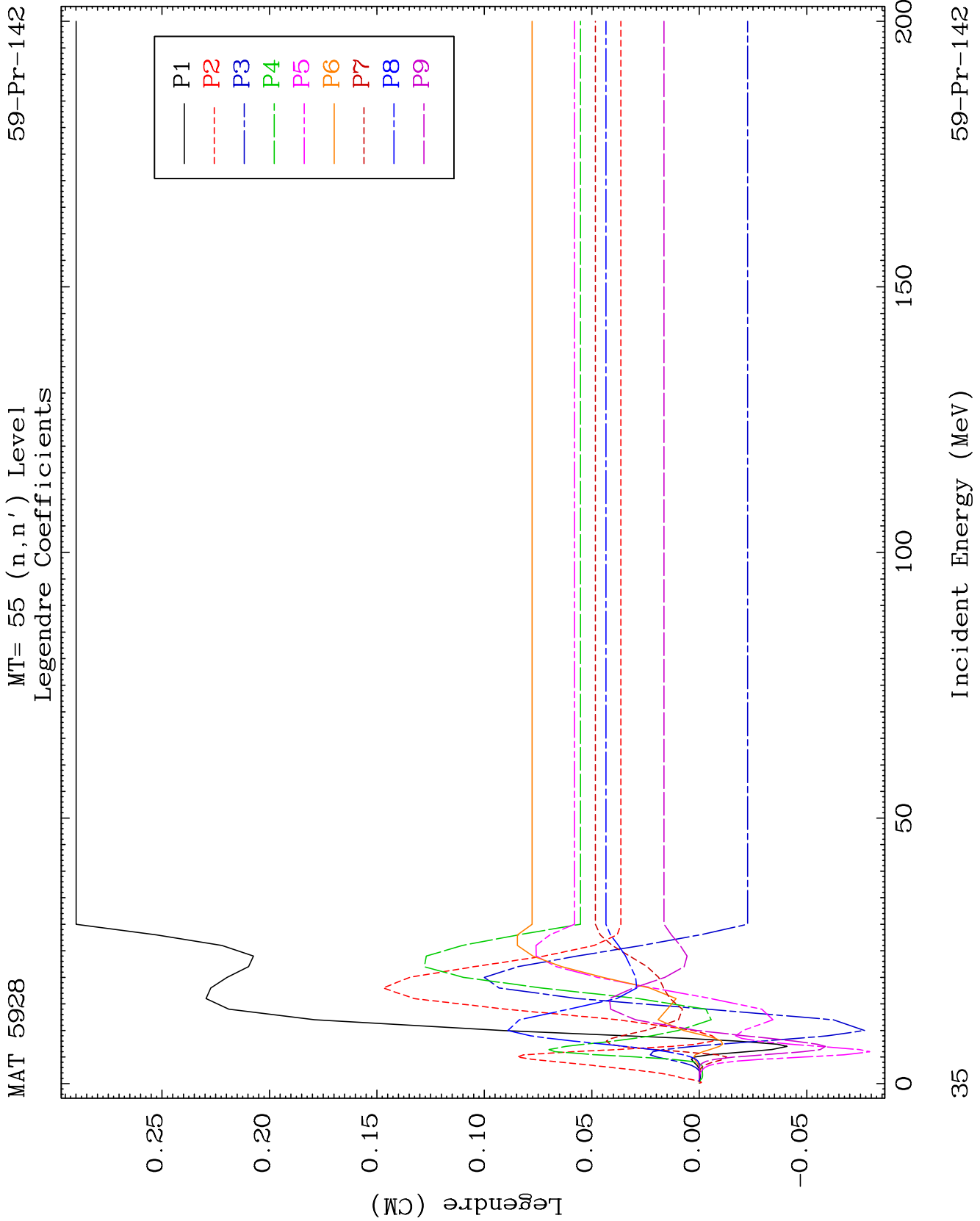


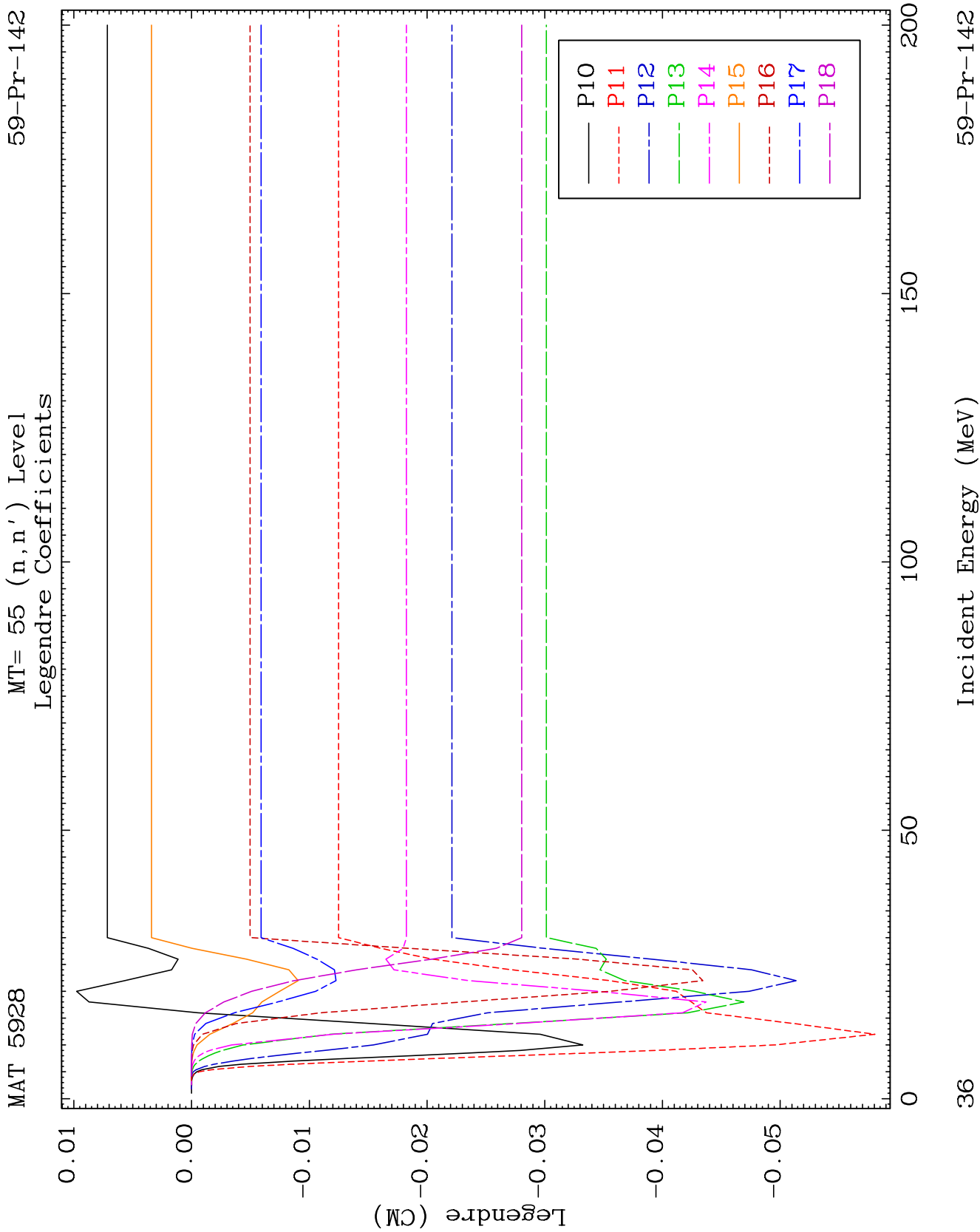
MAT 5928

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

59-Pr-142





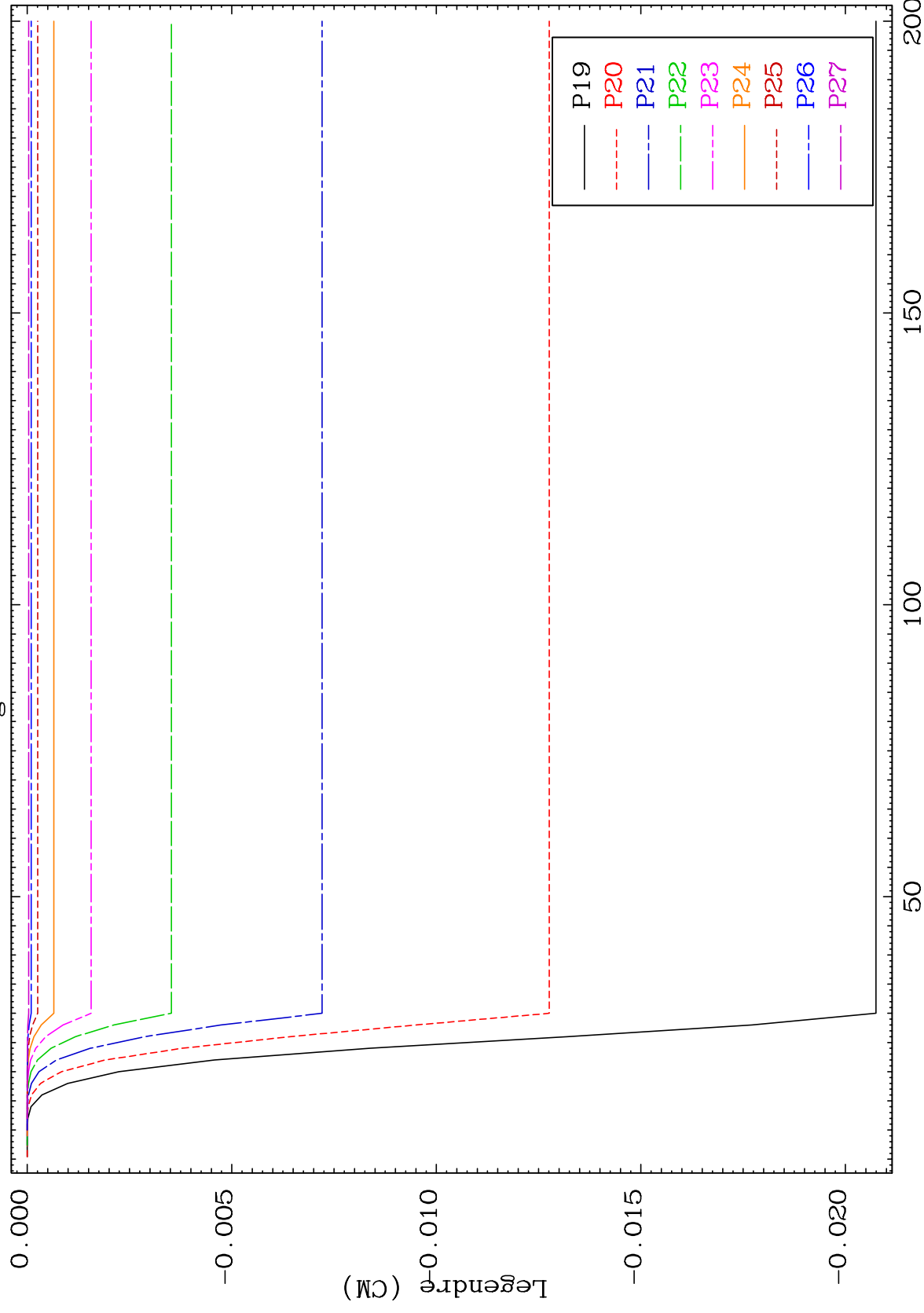


MAT 5928

MT=55 (n,n') Level

59-Pr-142

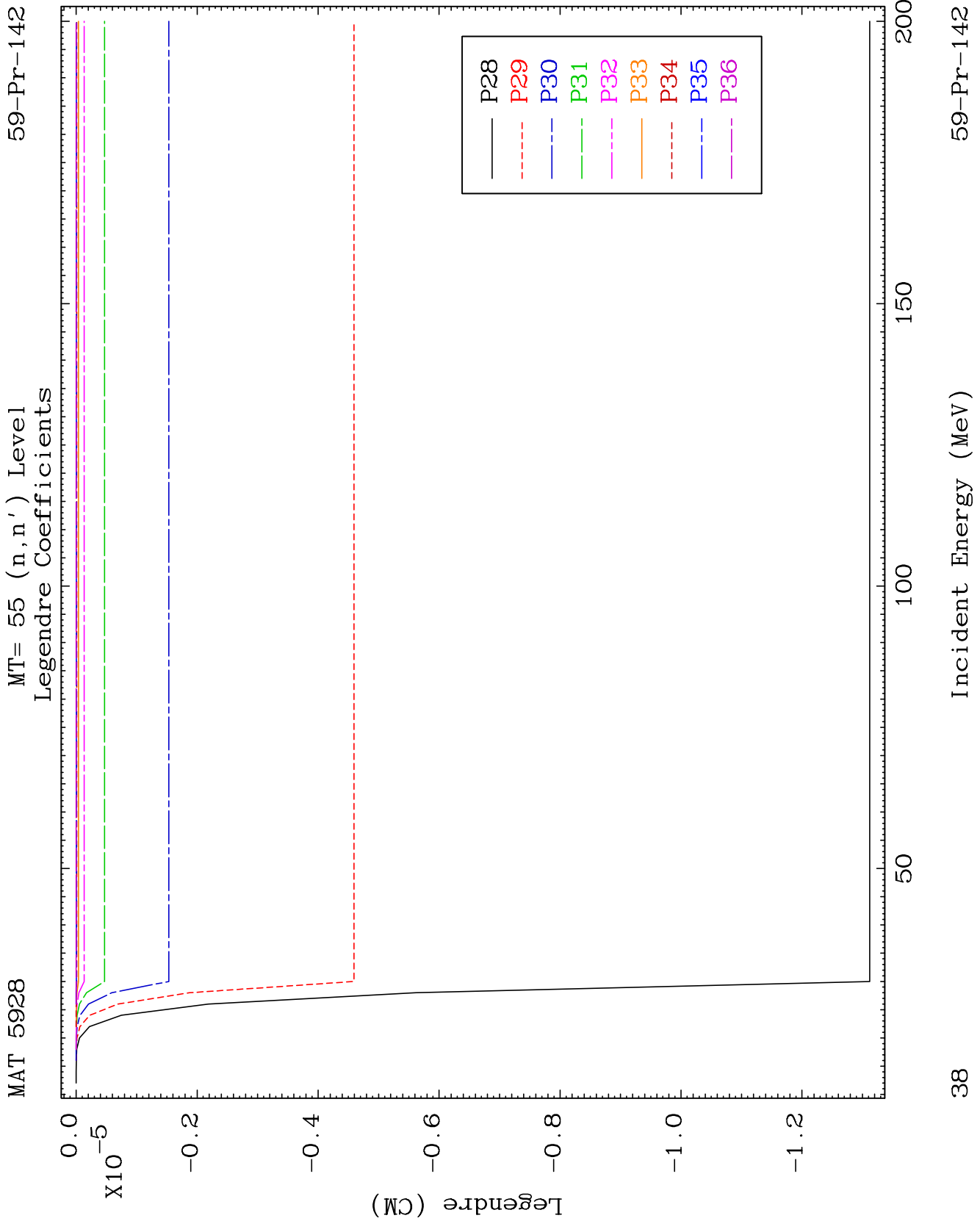
Legendre Coefficients

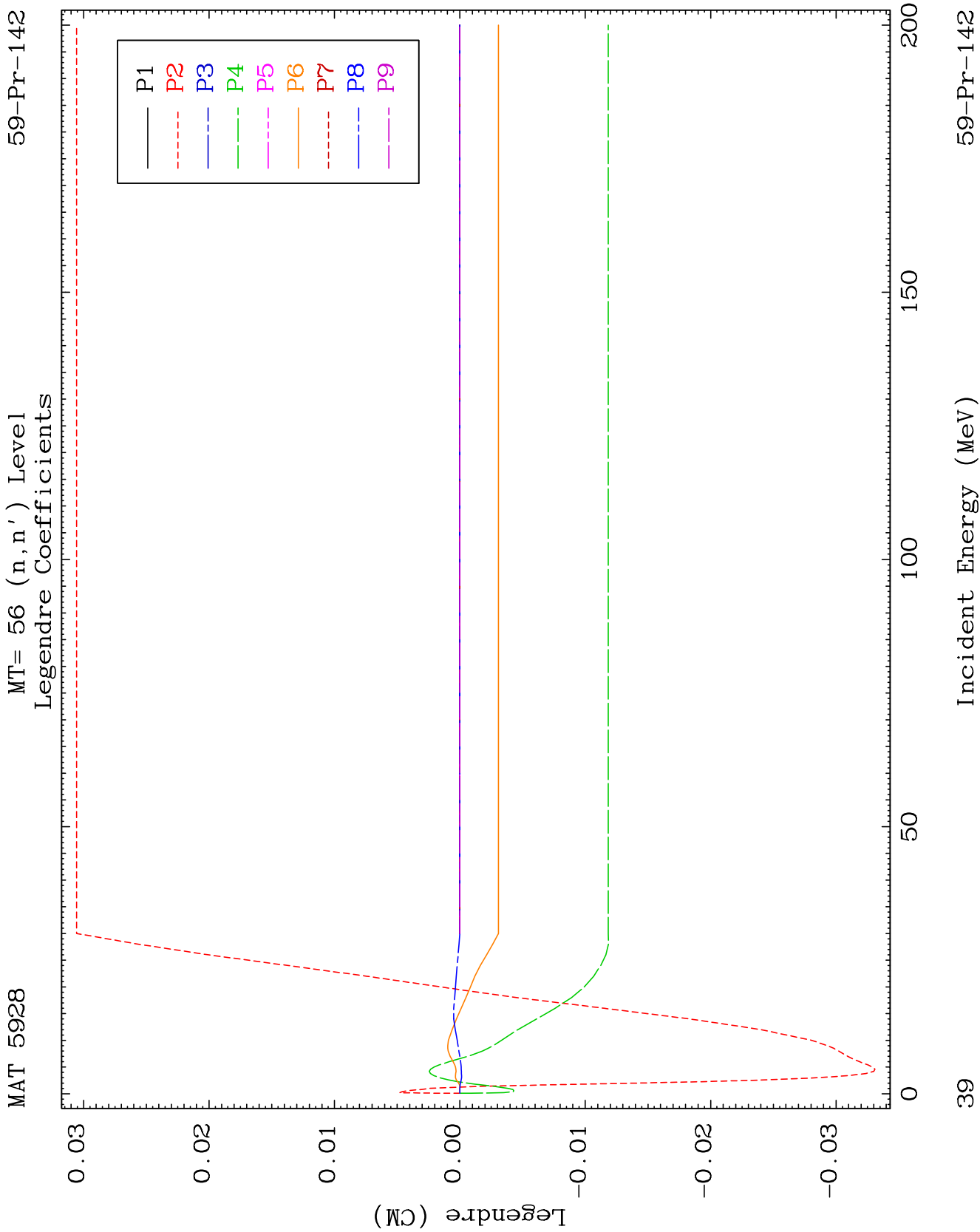


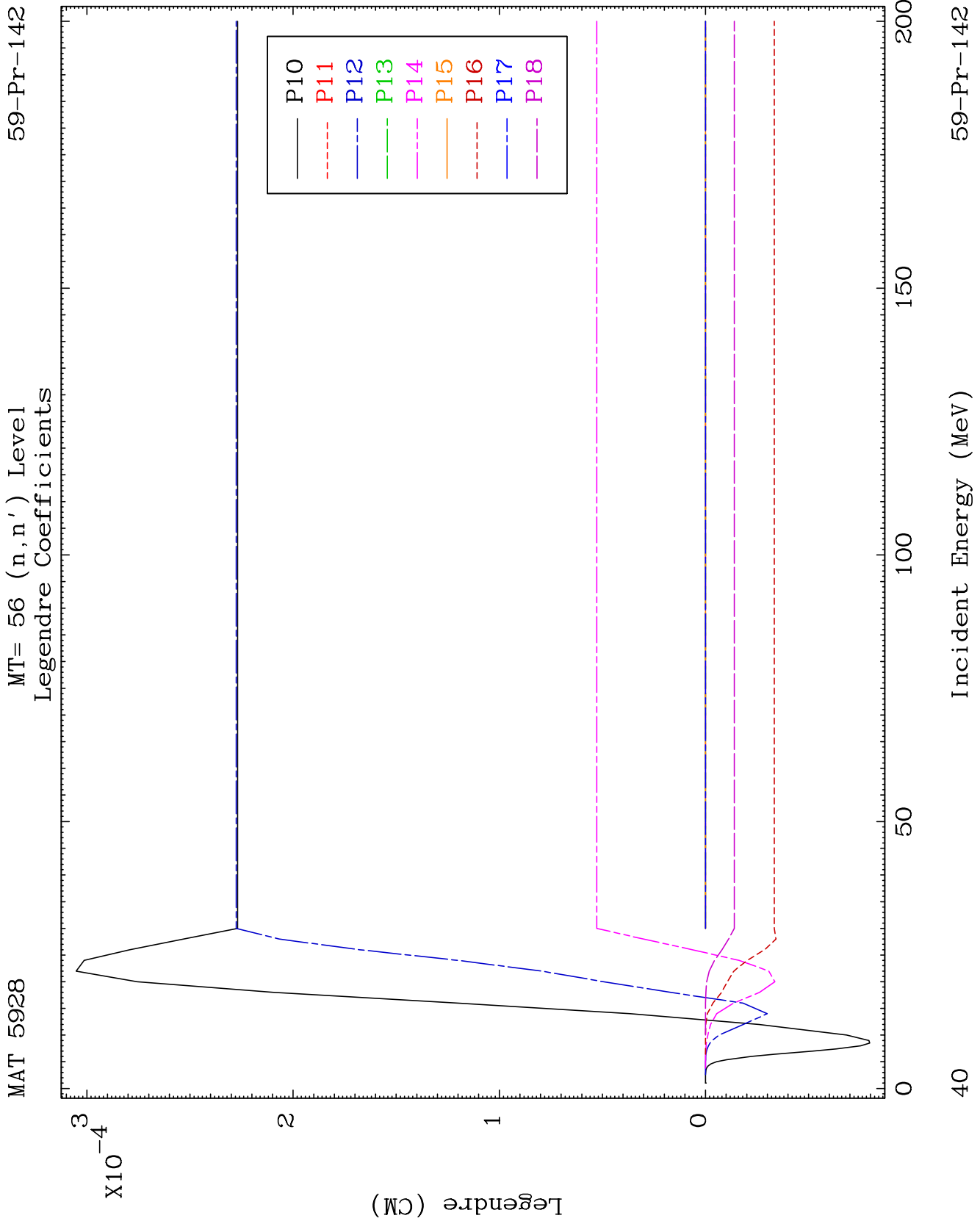
37

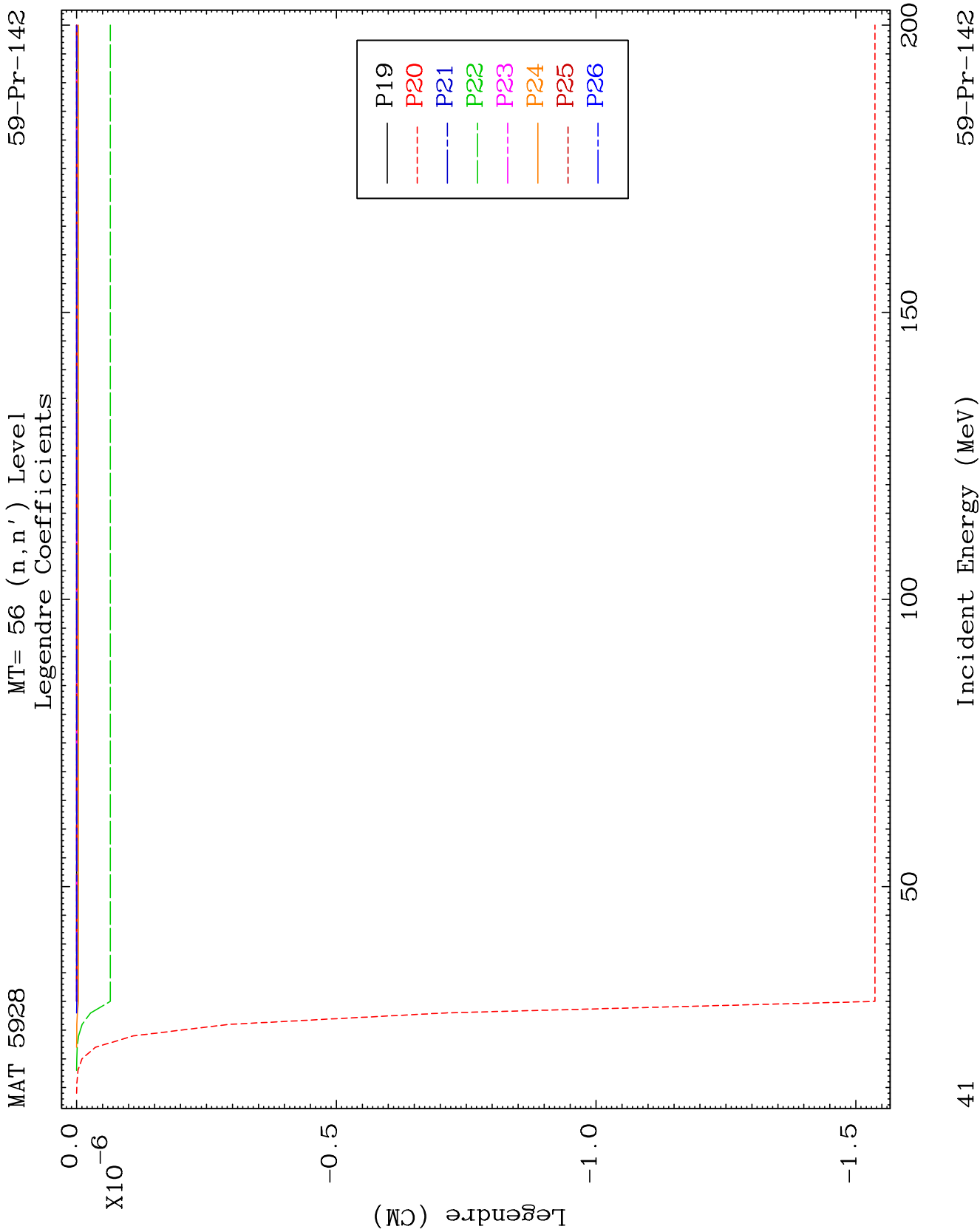
Incident Energy (MeV)

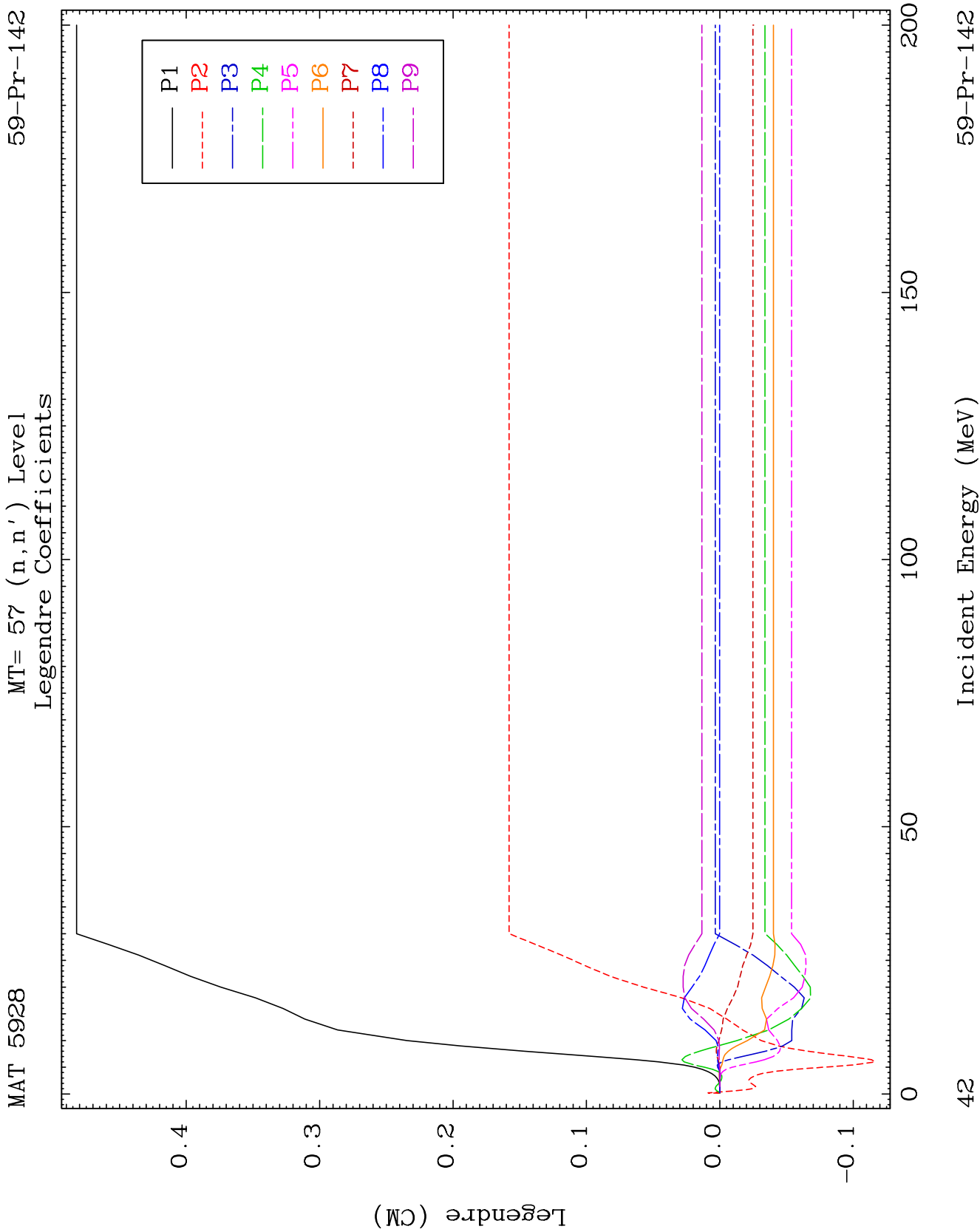
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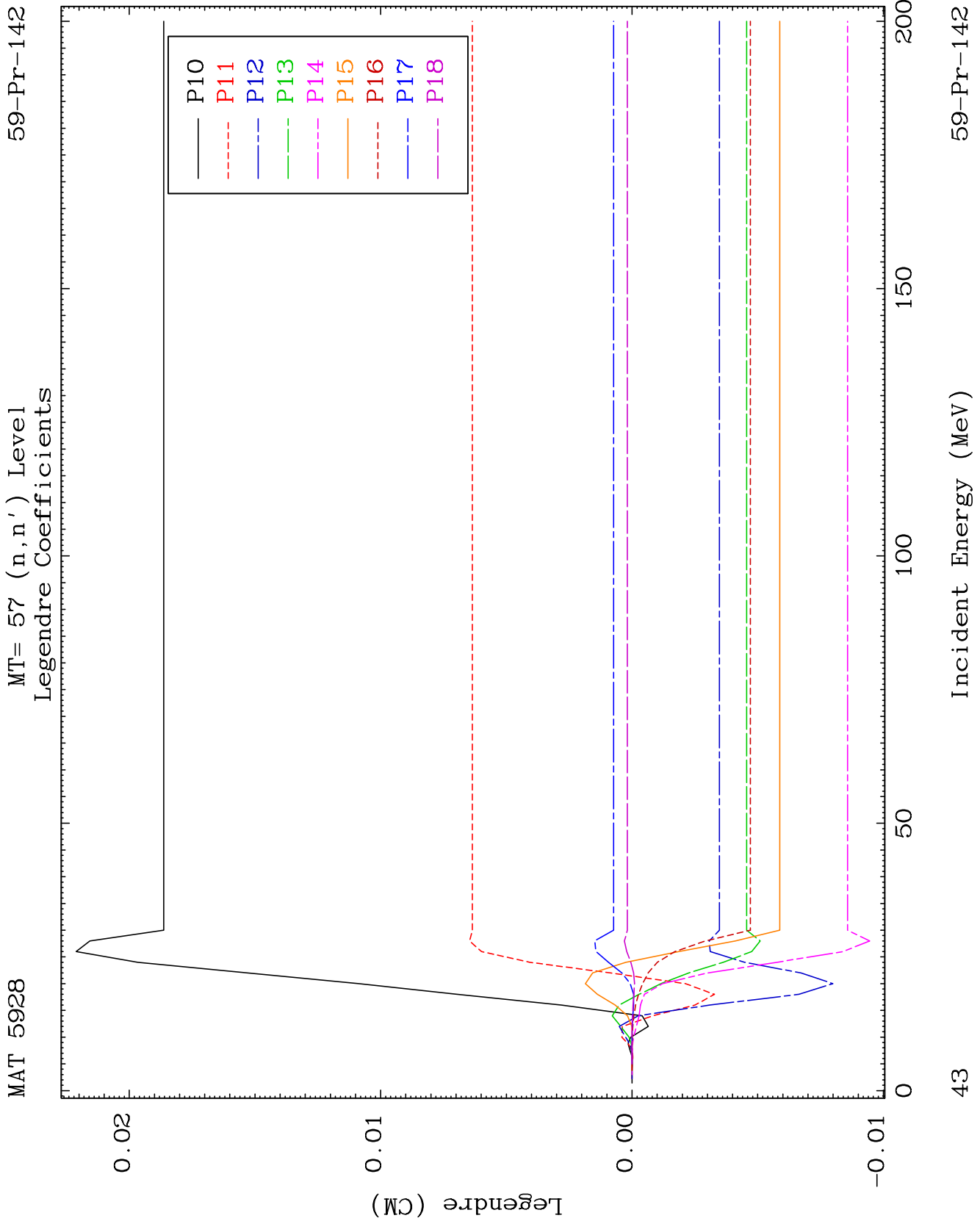


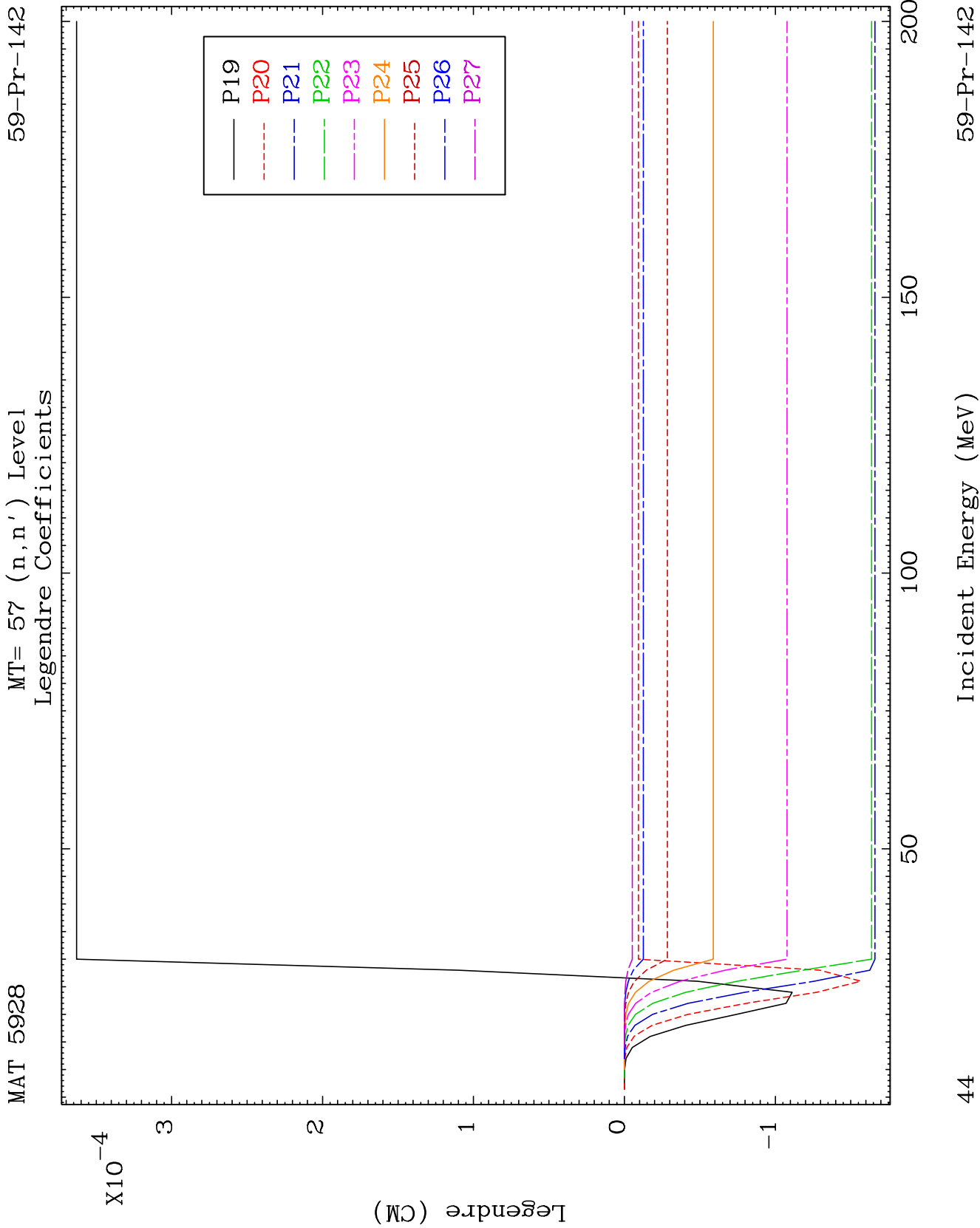


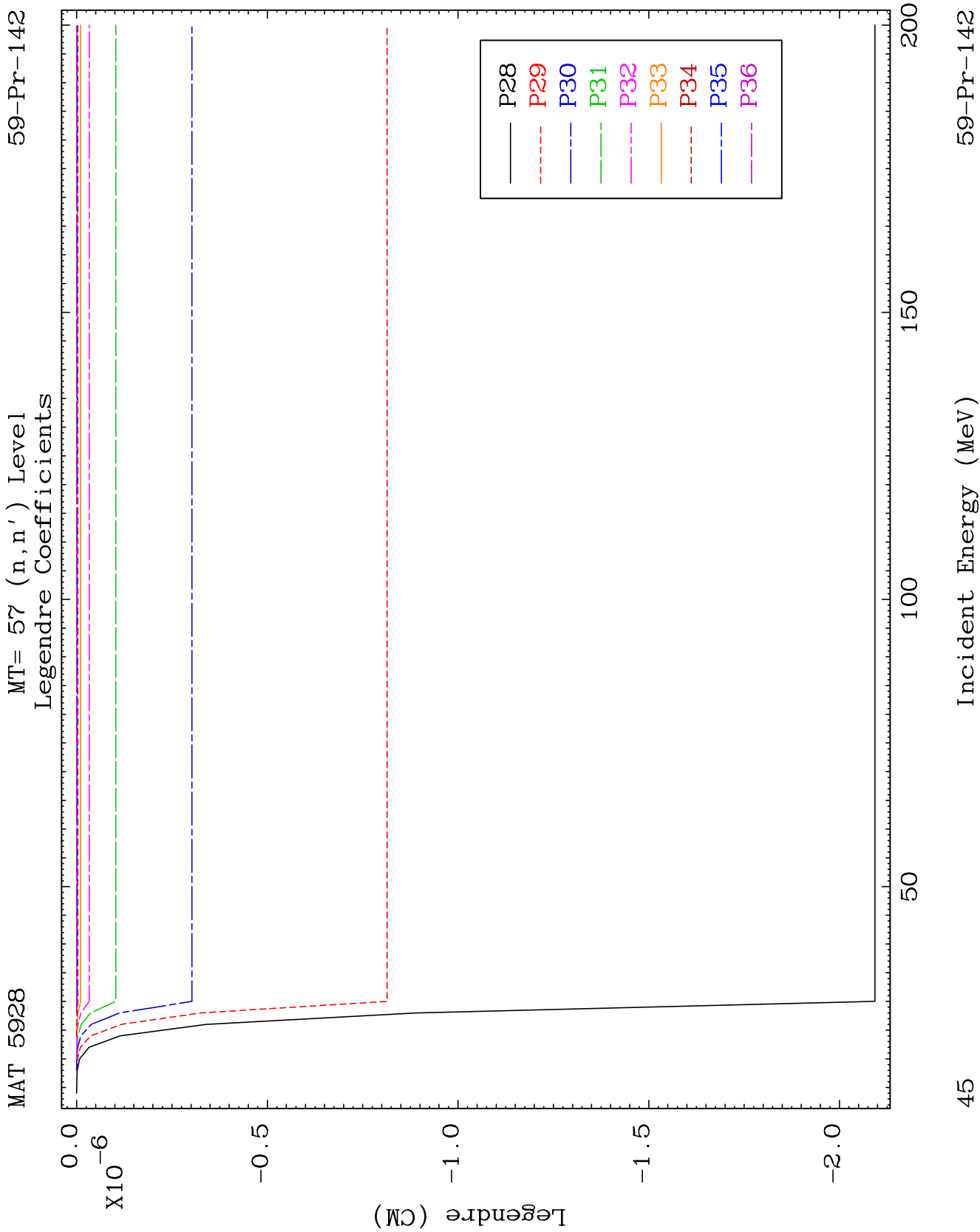








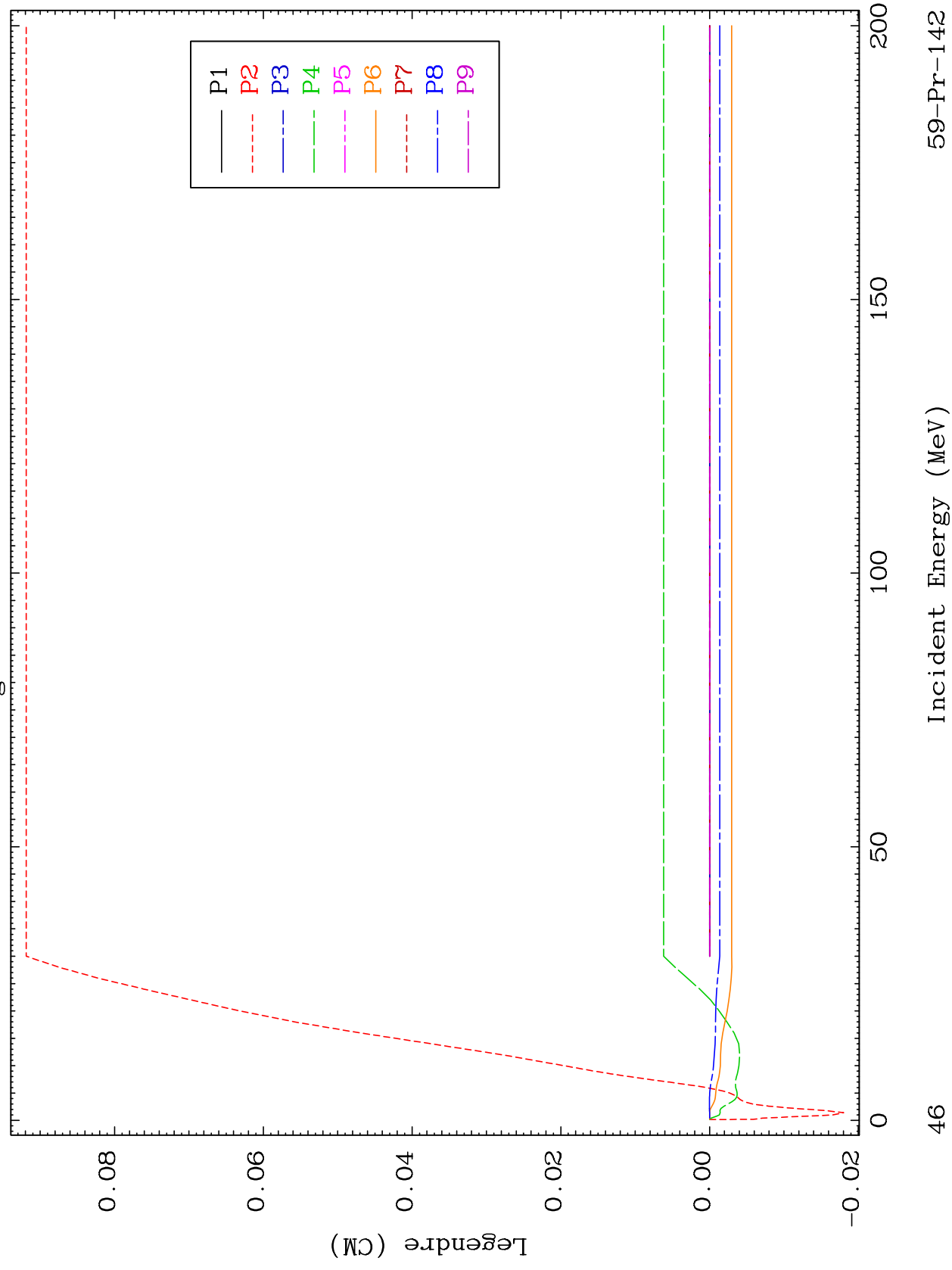


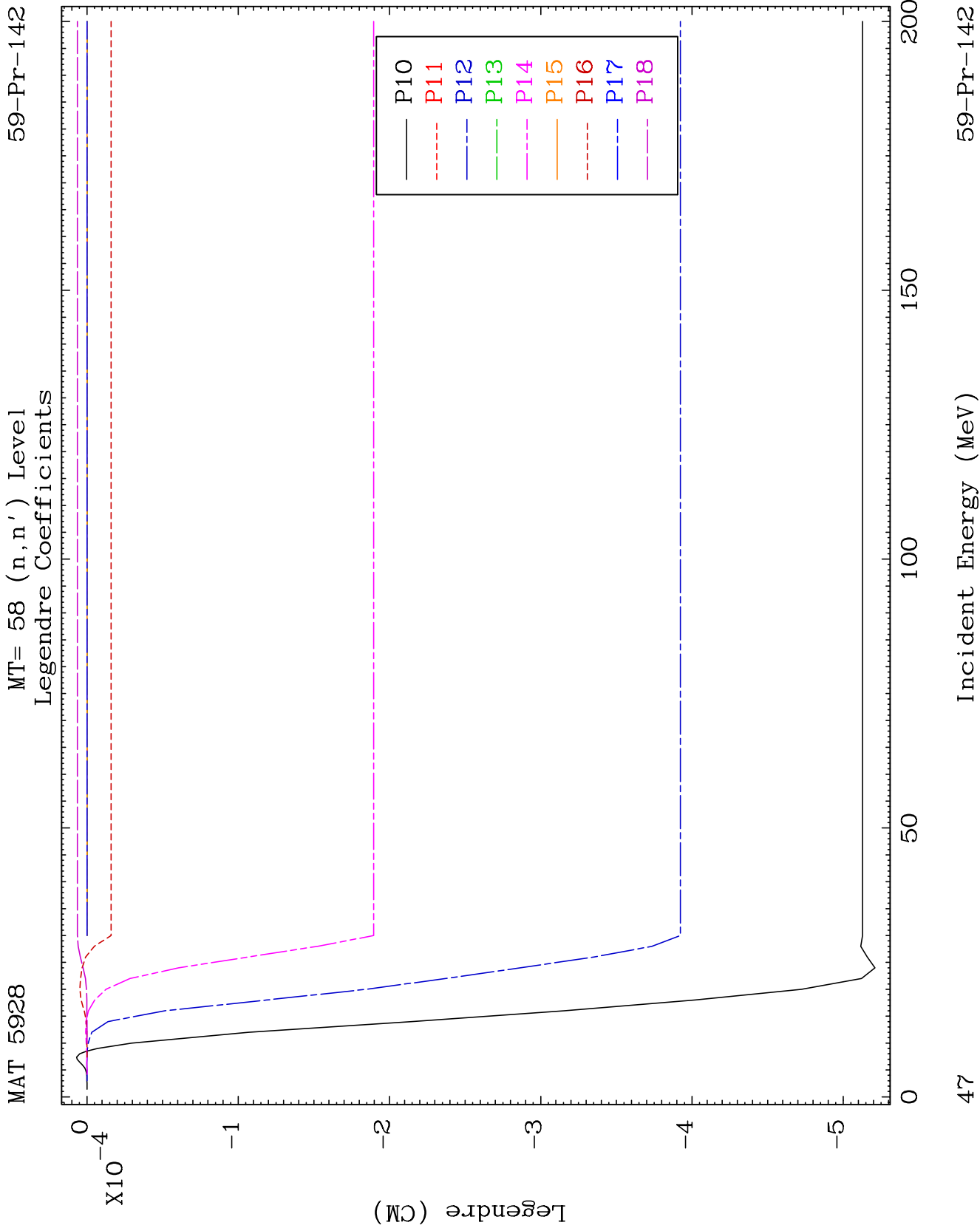


MAT 5928

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

59-Pr-142

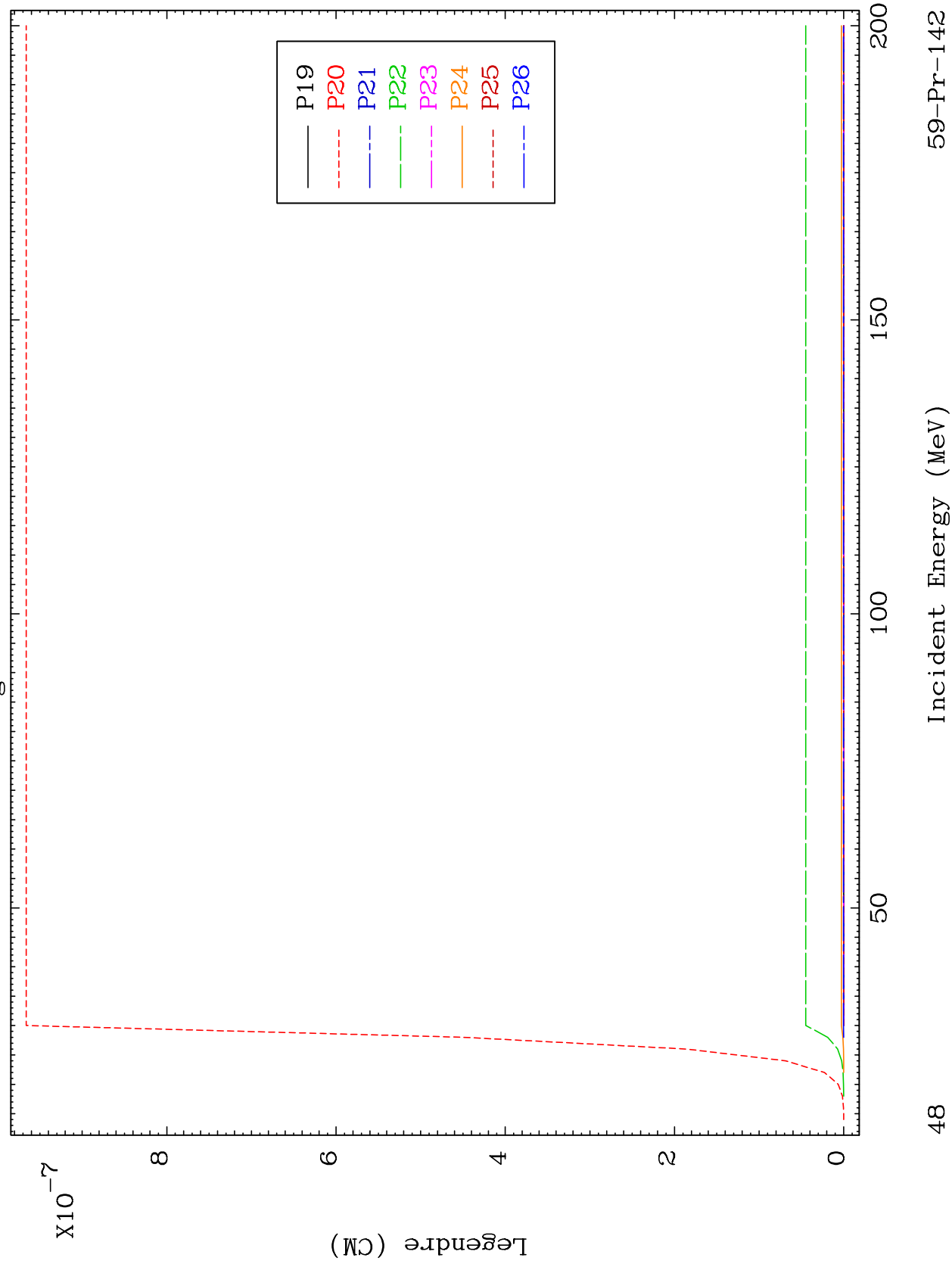




MAT 5928

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

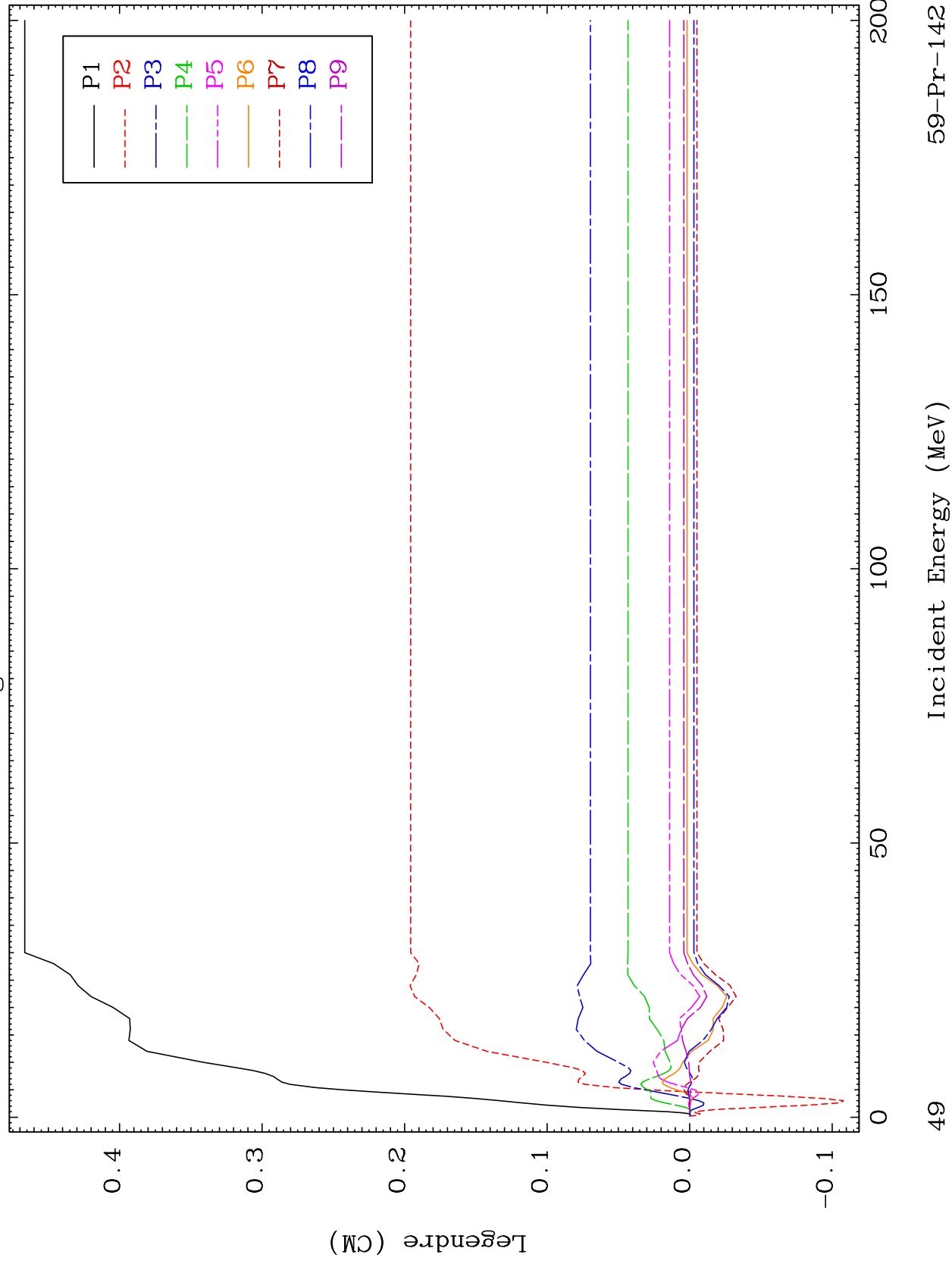
59-Pr-142



MAT 5928

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

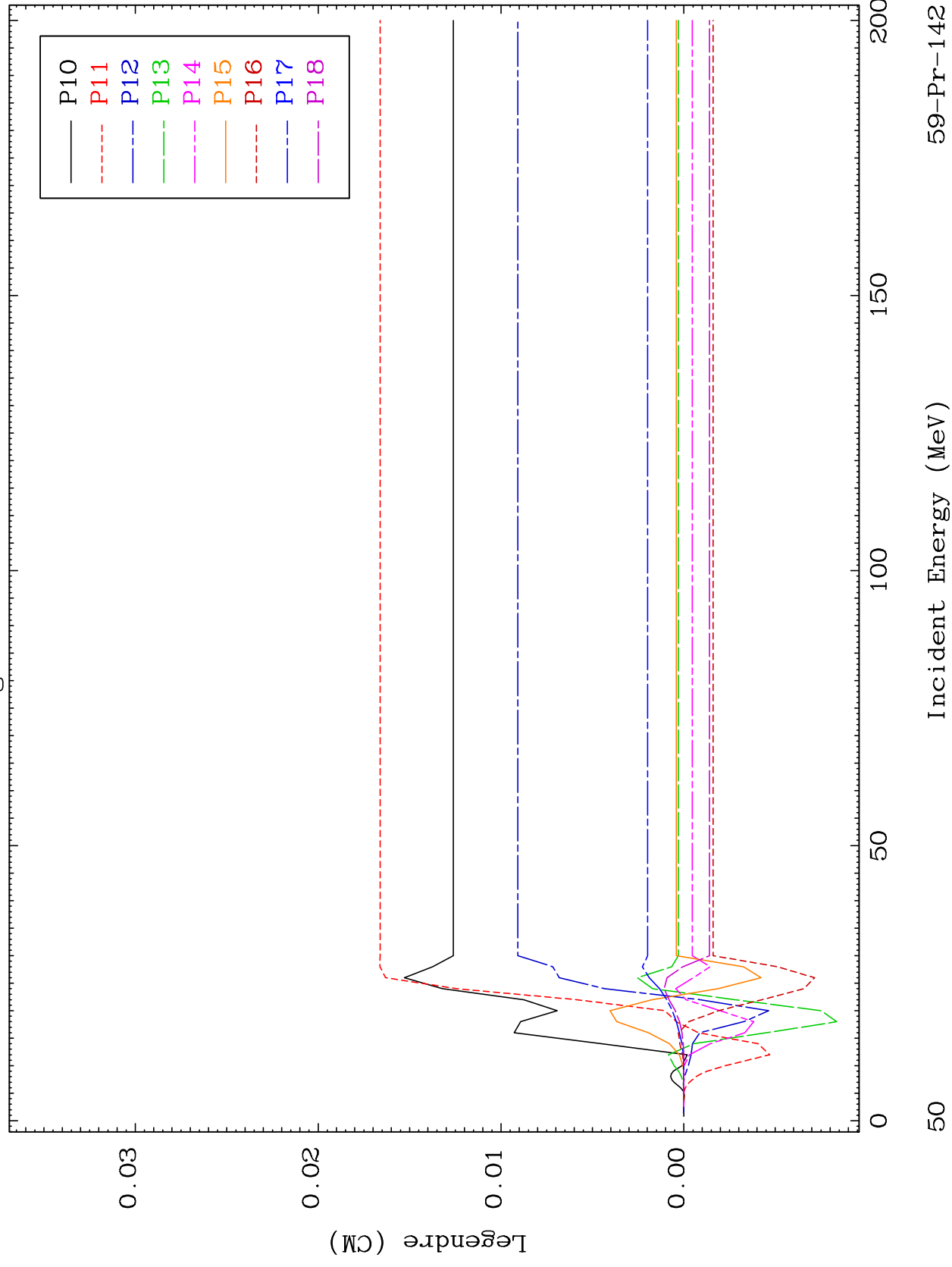
59-Pr-142

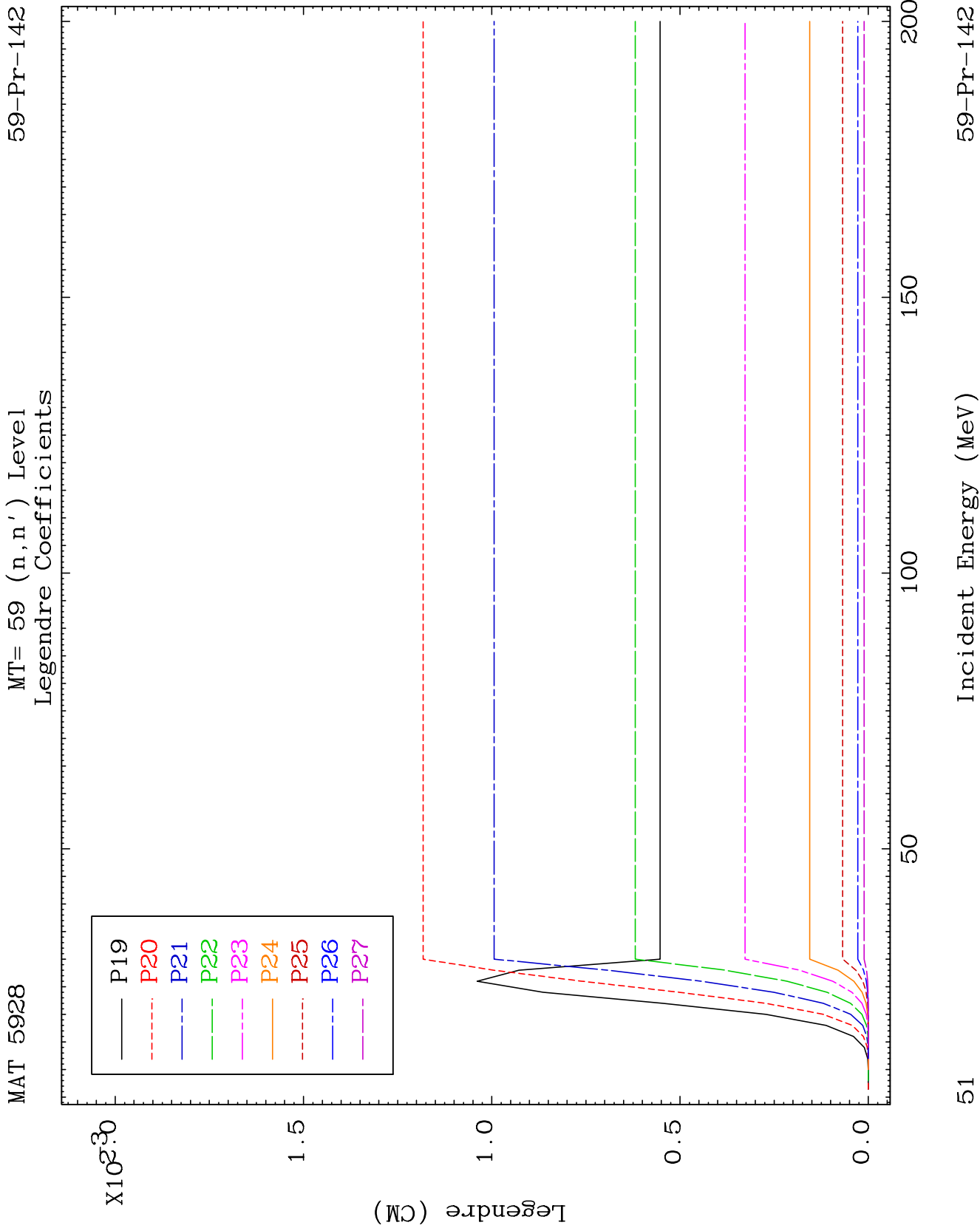


MAT 5928

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

59-Pr-142

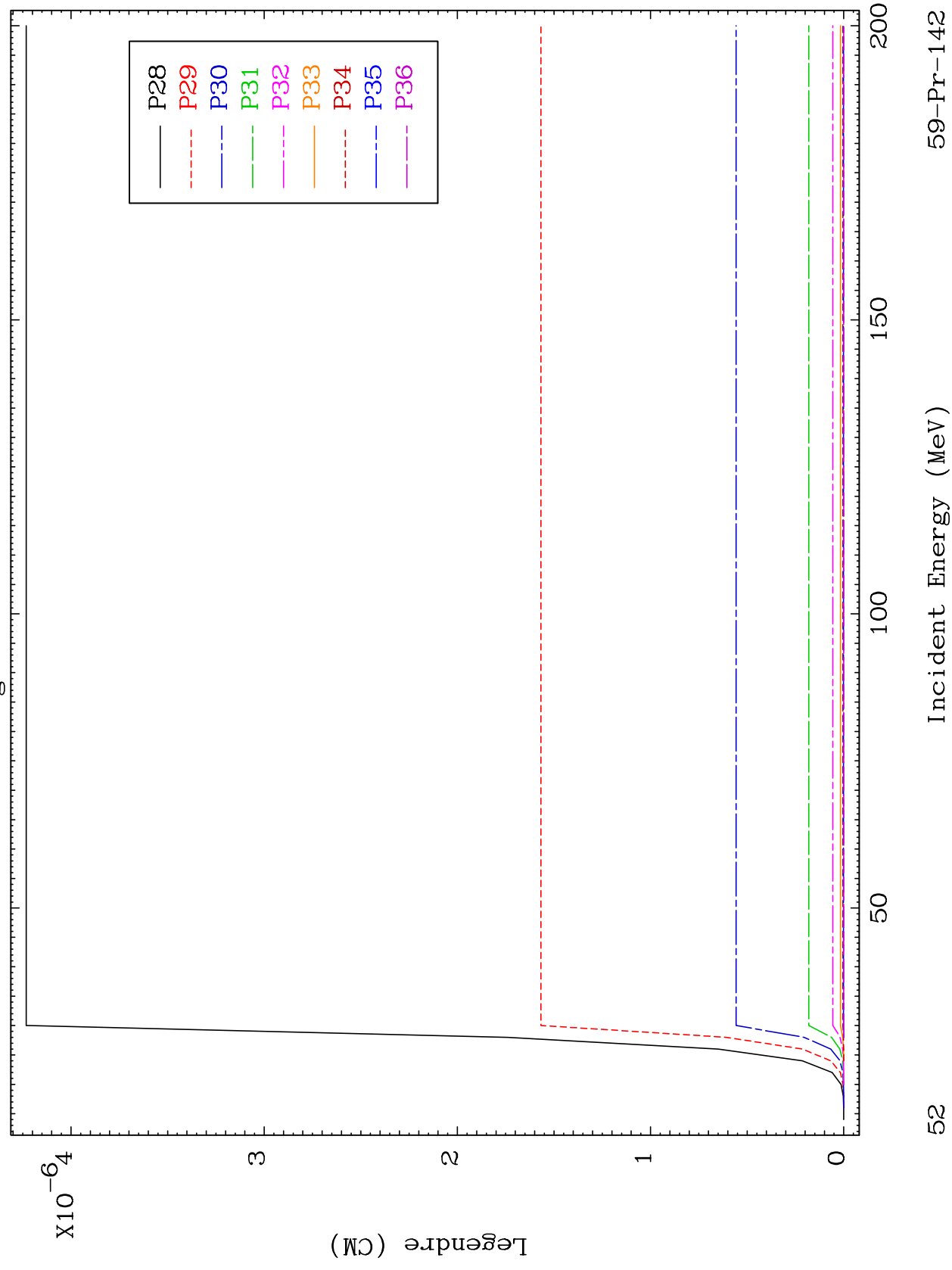




MAT 5928

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

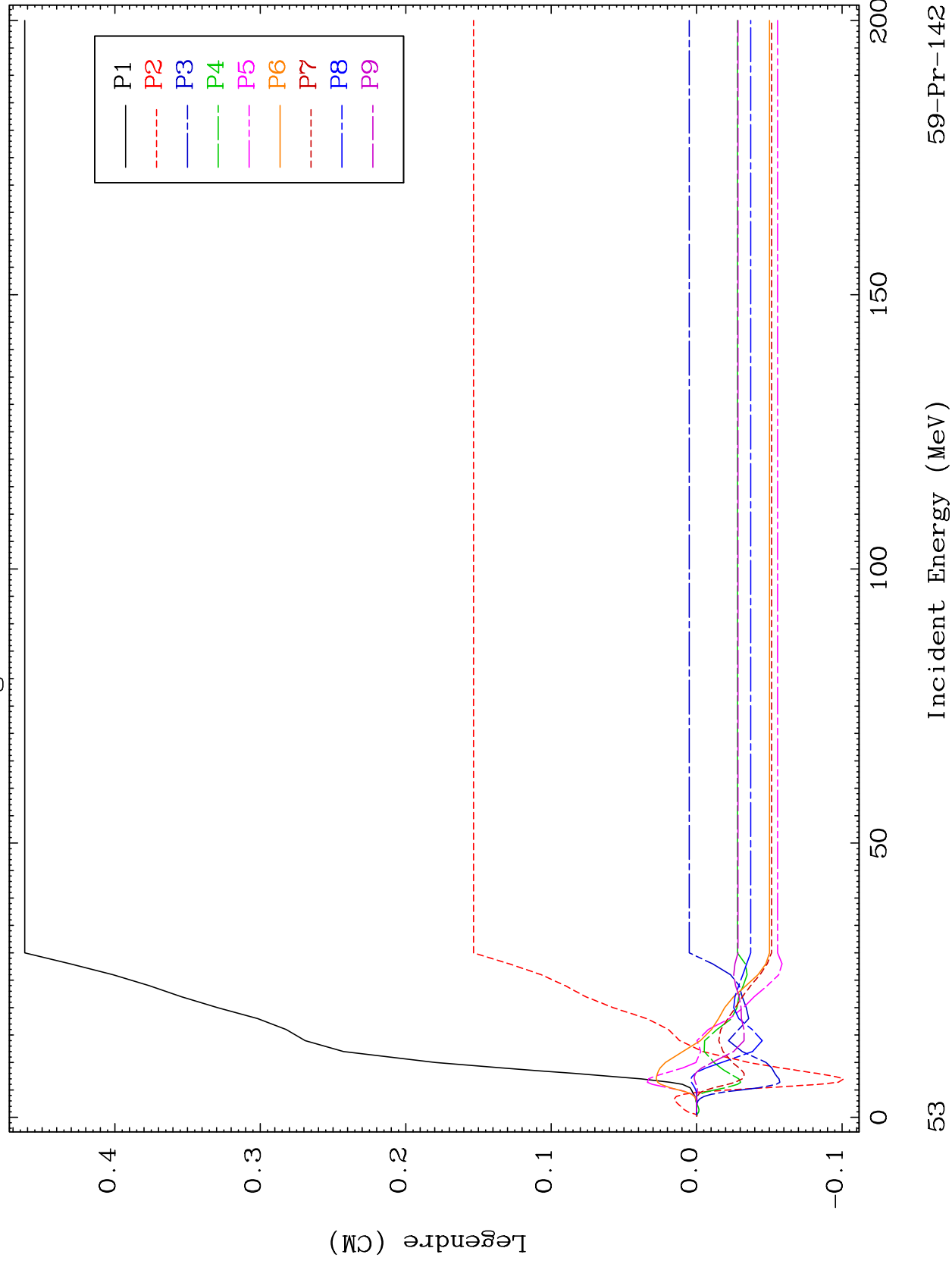
59-Pr-142

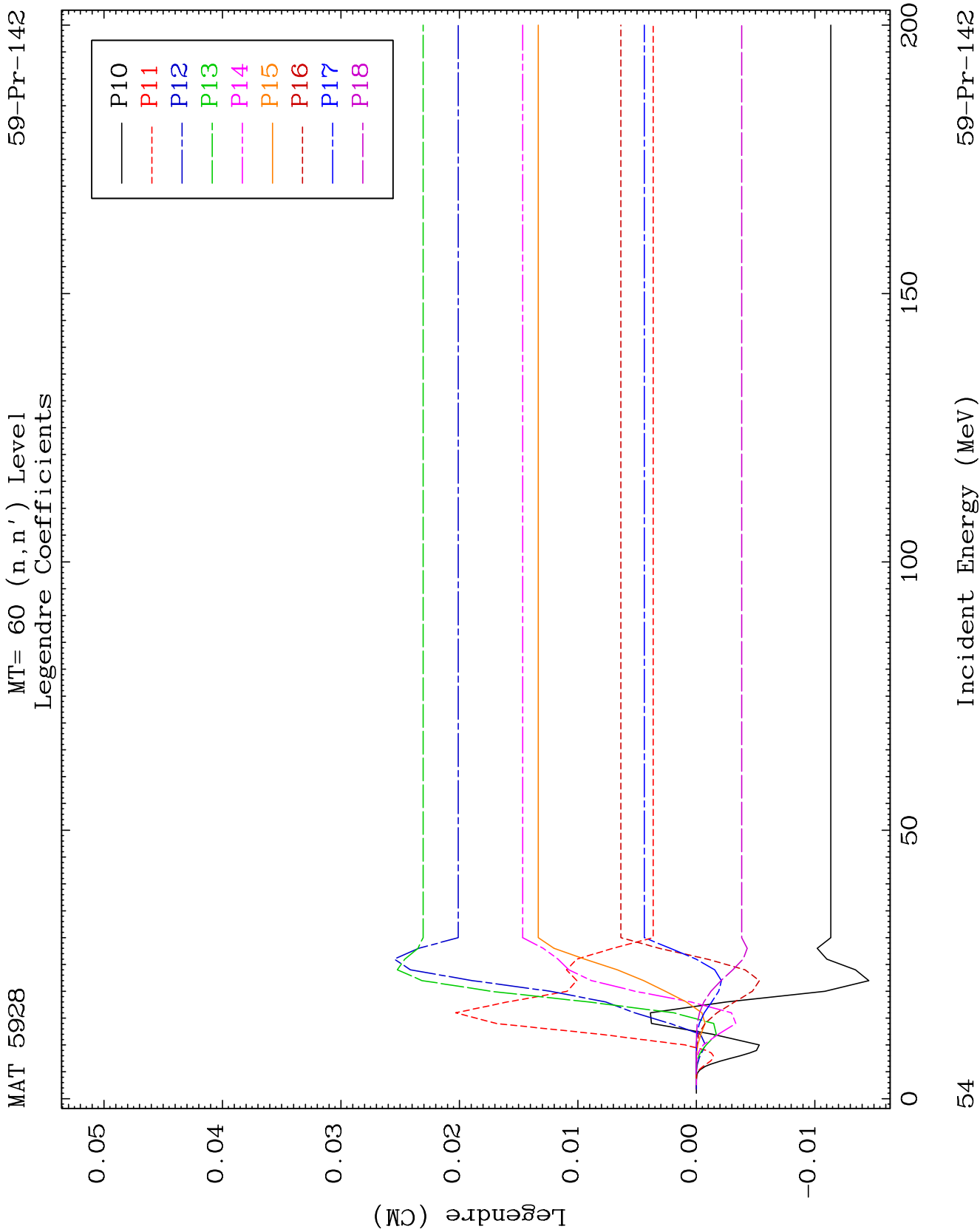


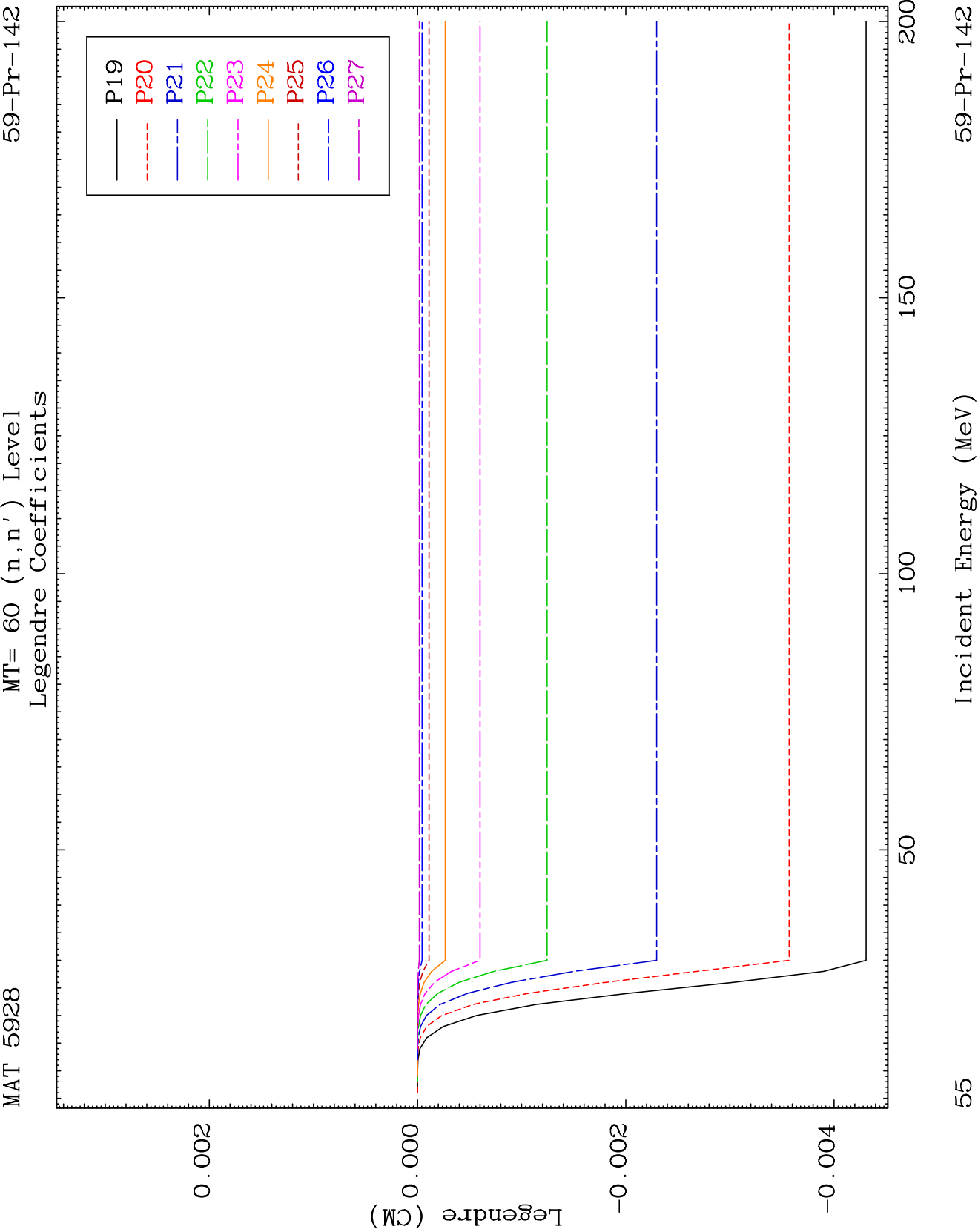
MAT 5928

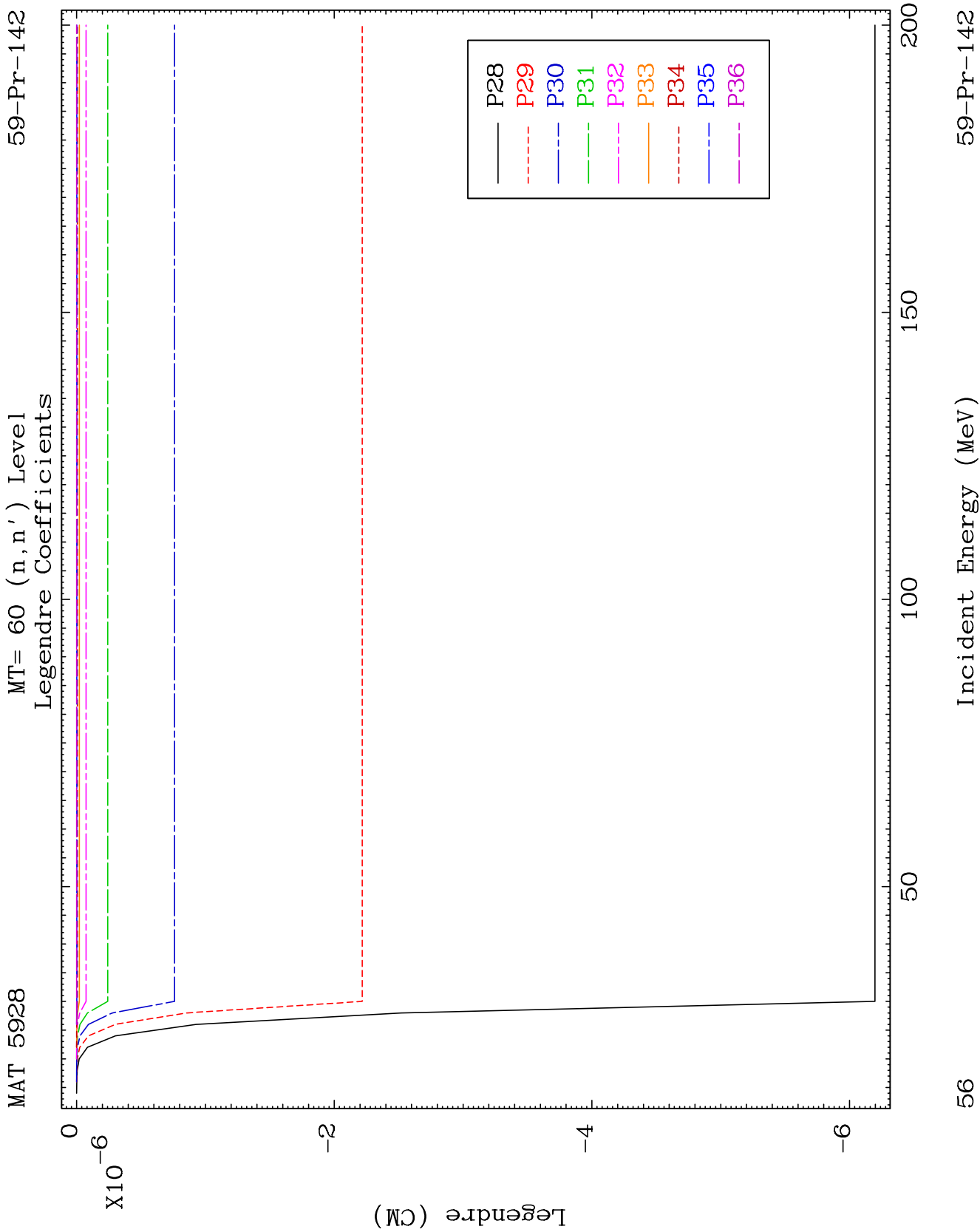
MT= 60 (n, n') Level
Legendre Coefficients

59-Pr-142





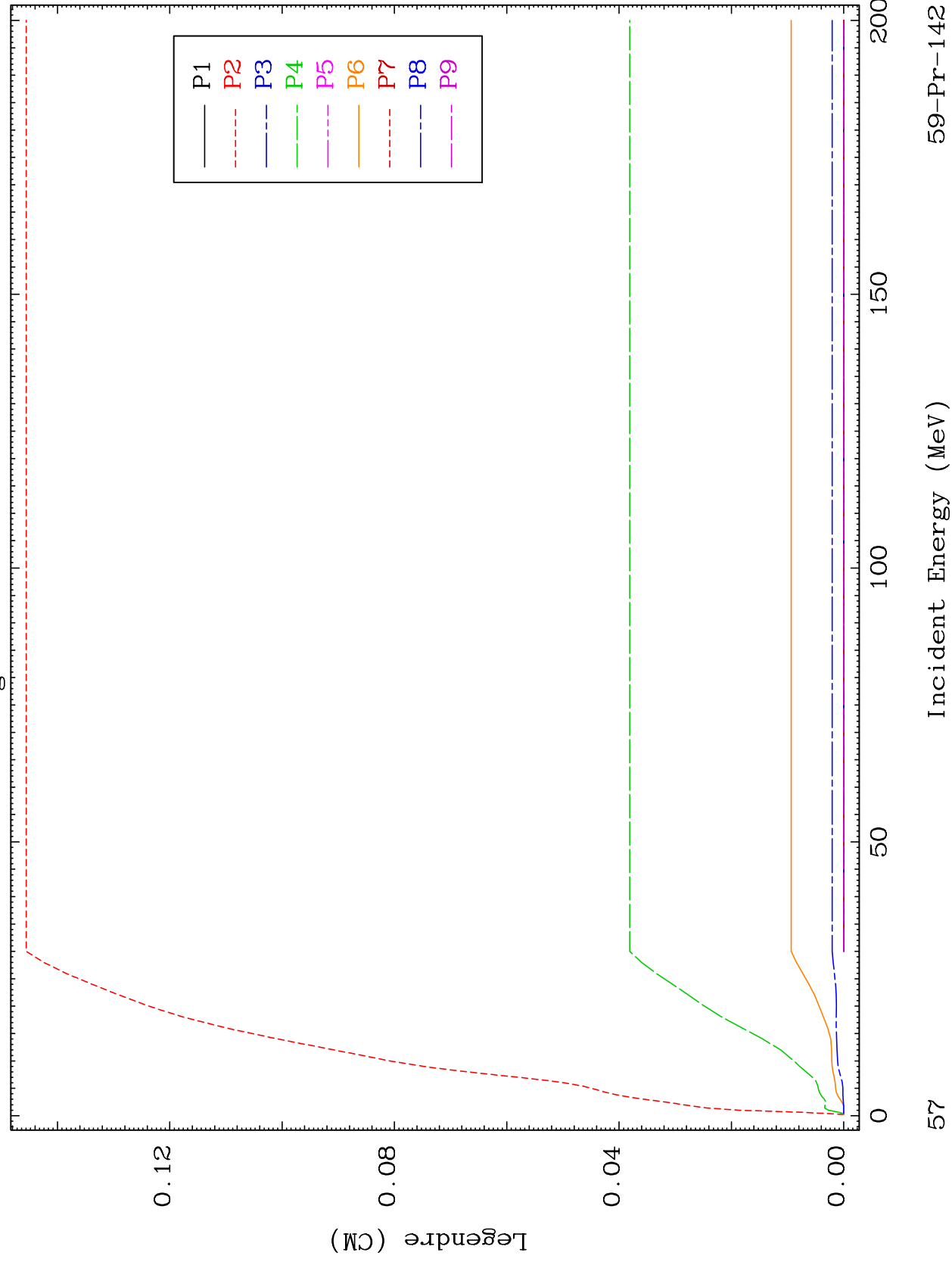




MAT 5928

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

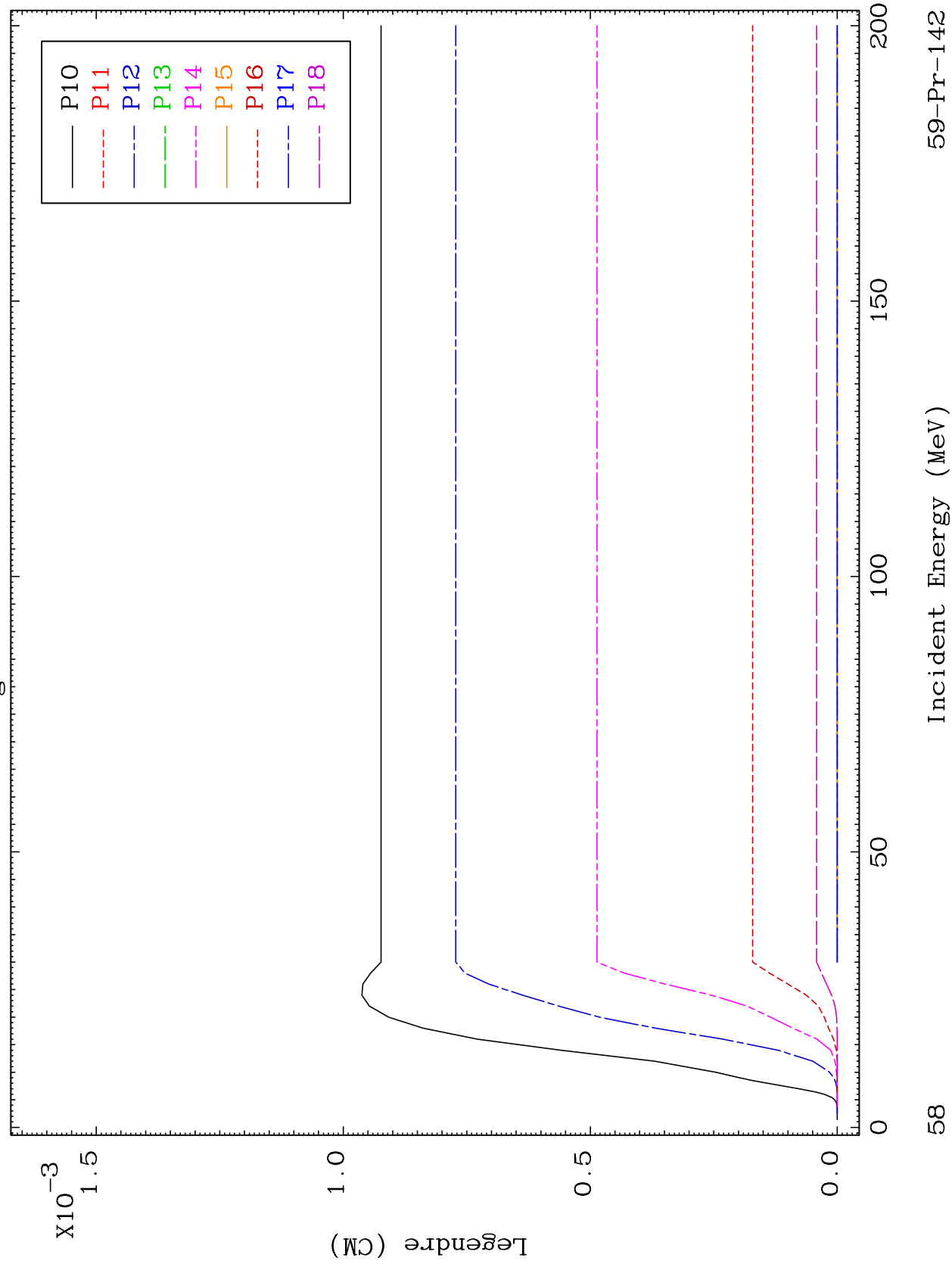
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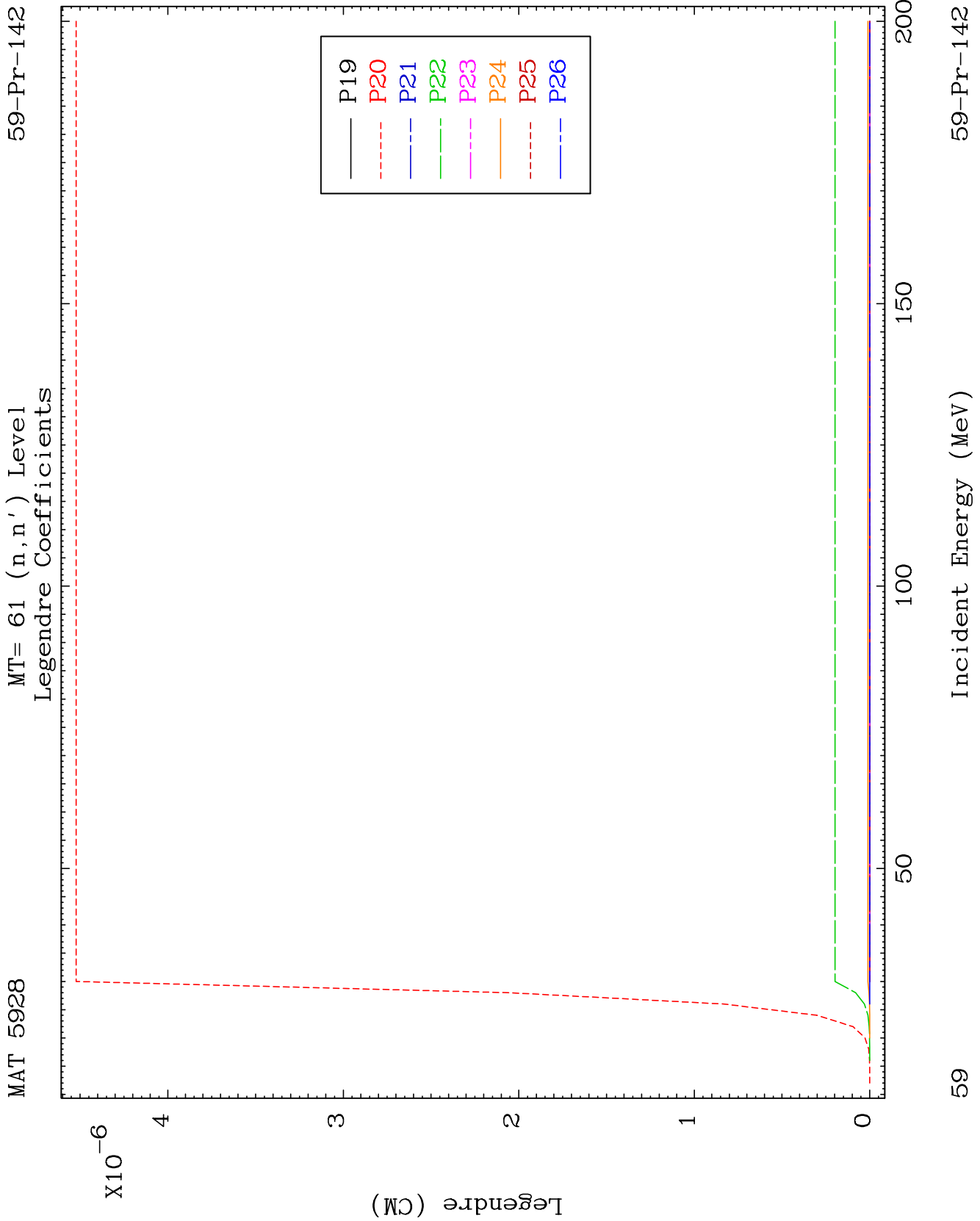


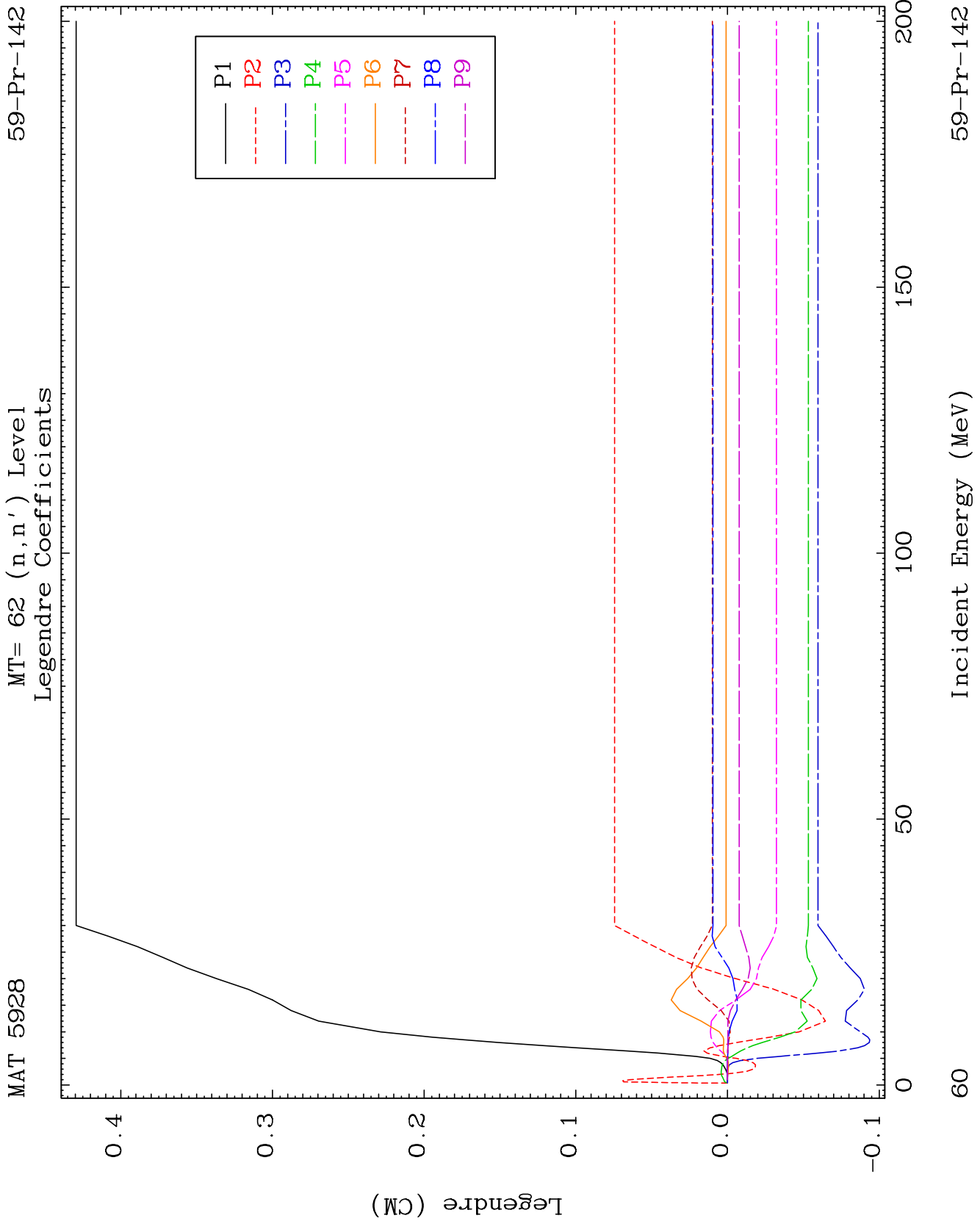
MAT 5928

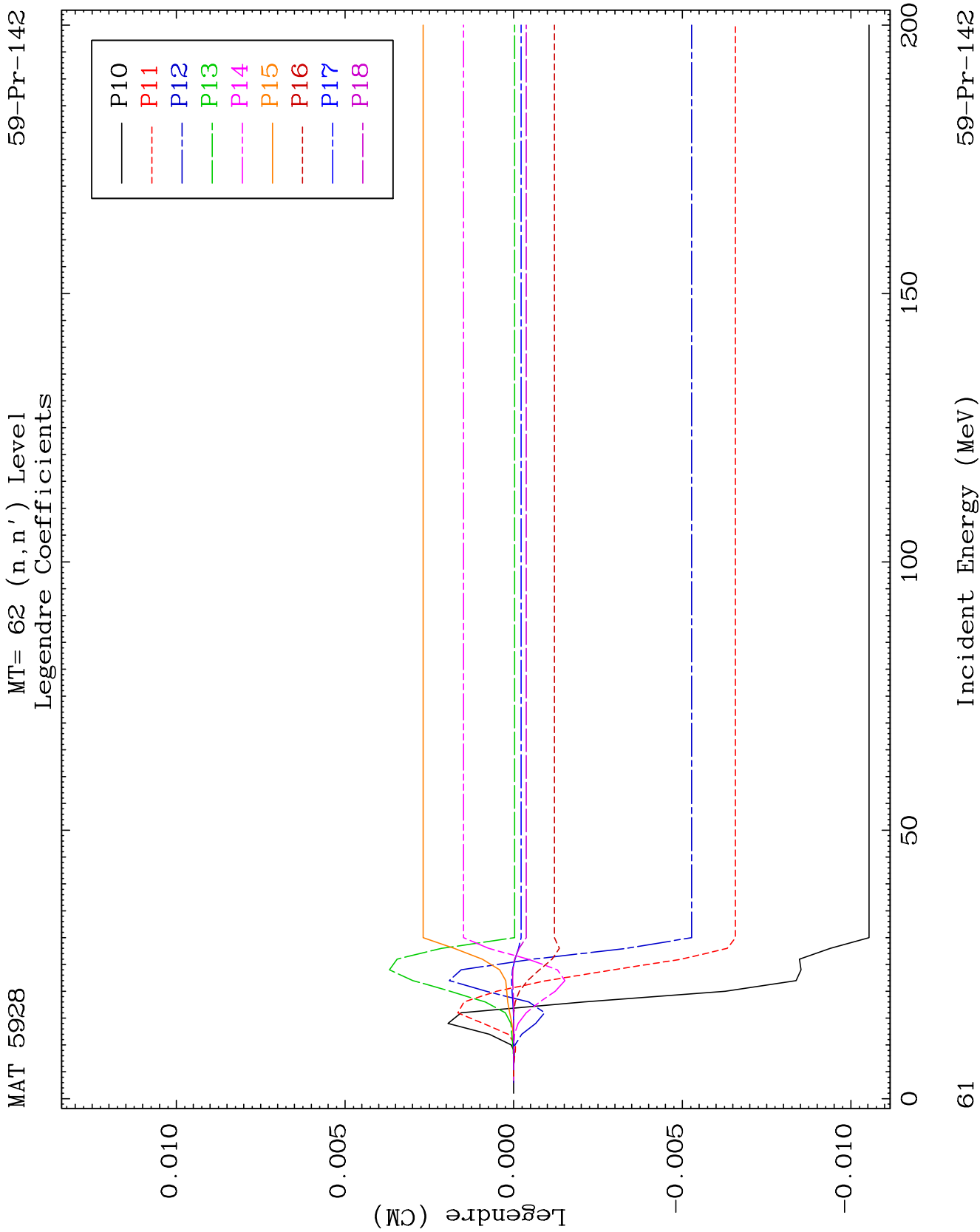
MT= 61 (n, n') Level
Legendre Coefficients

59-Pr-142





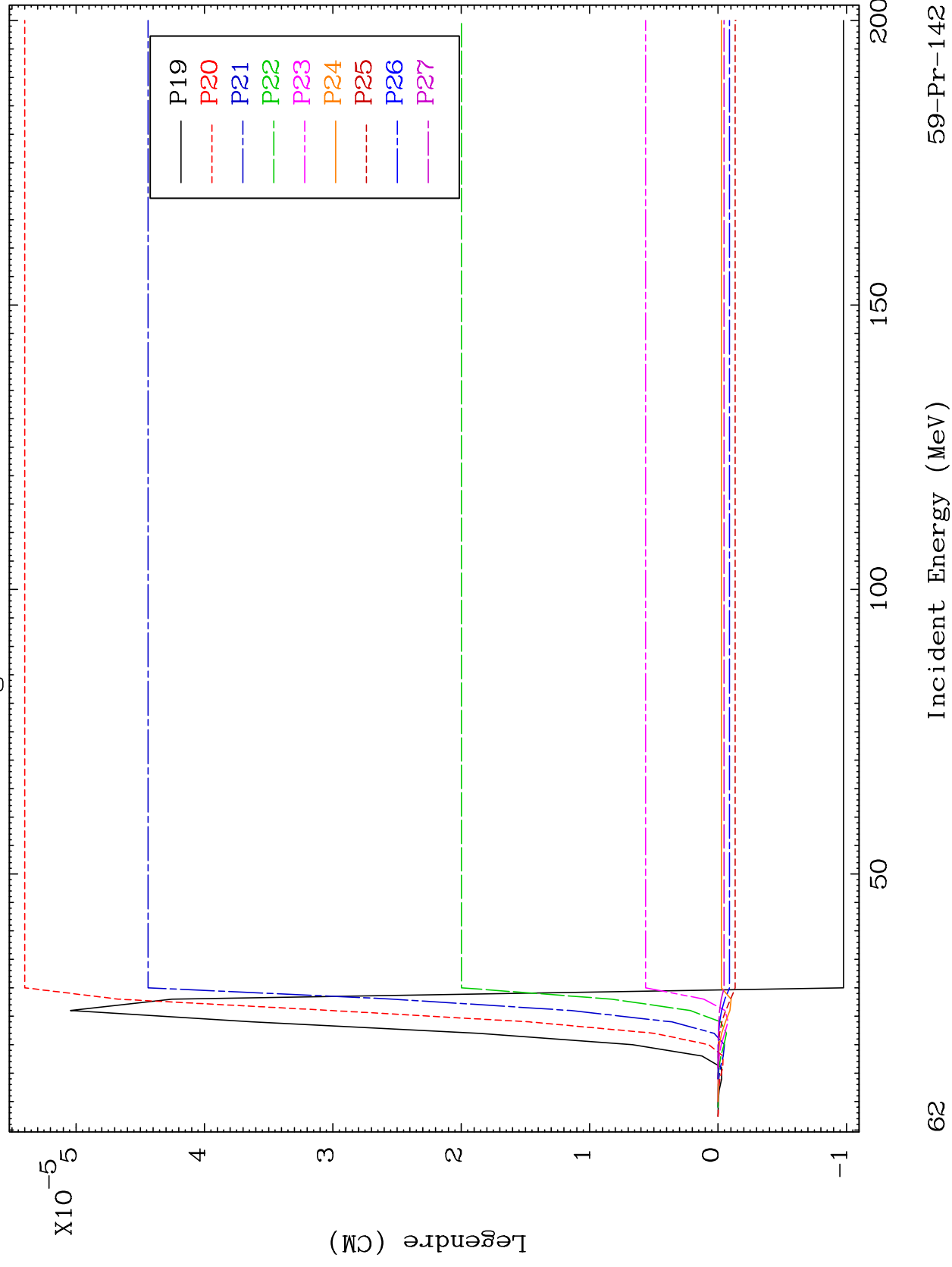


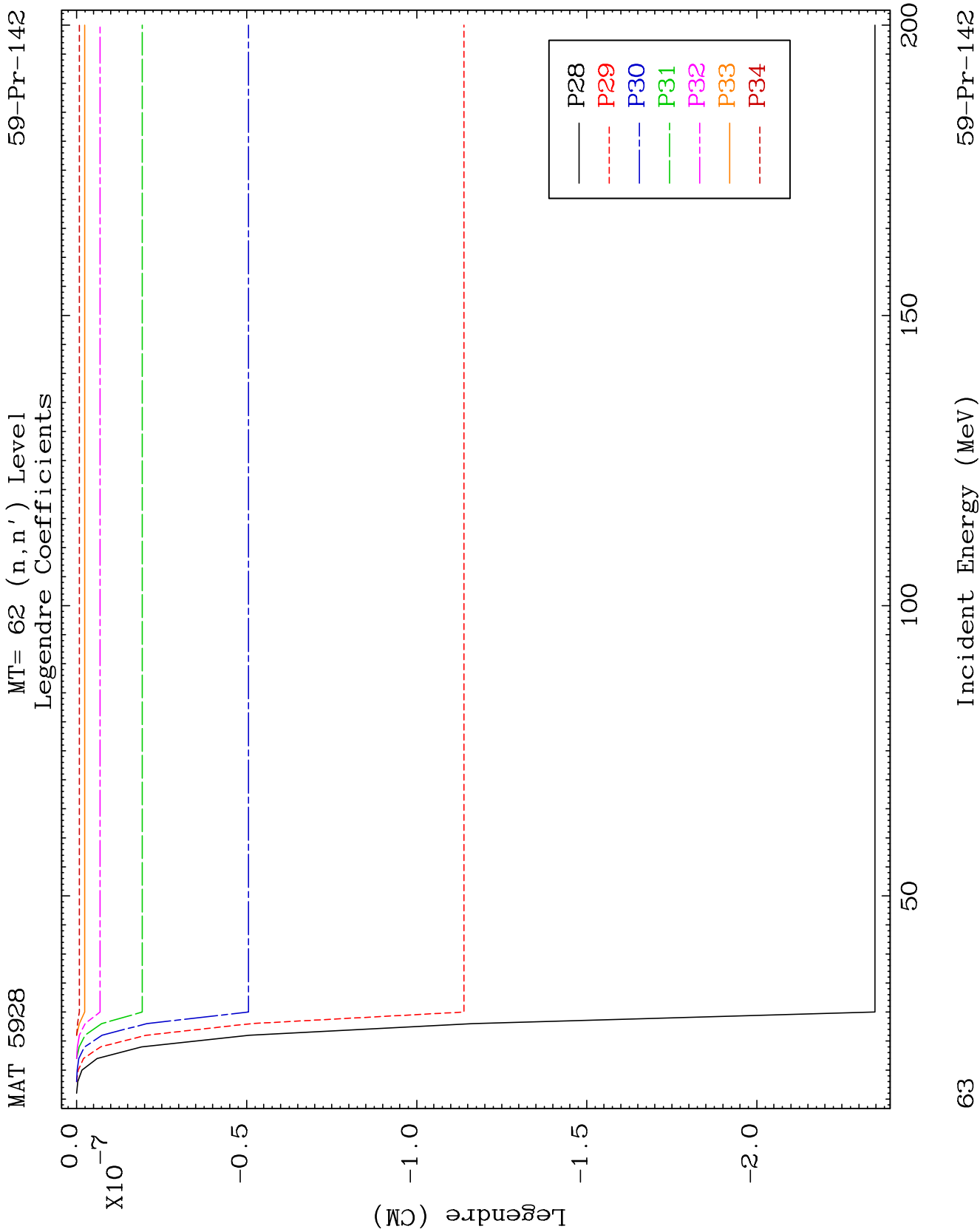


MAT 5928

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

59-Pr-142

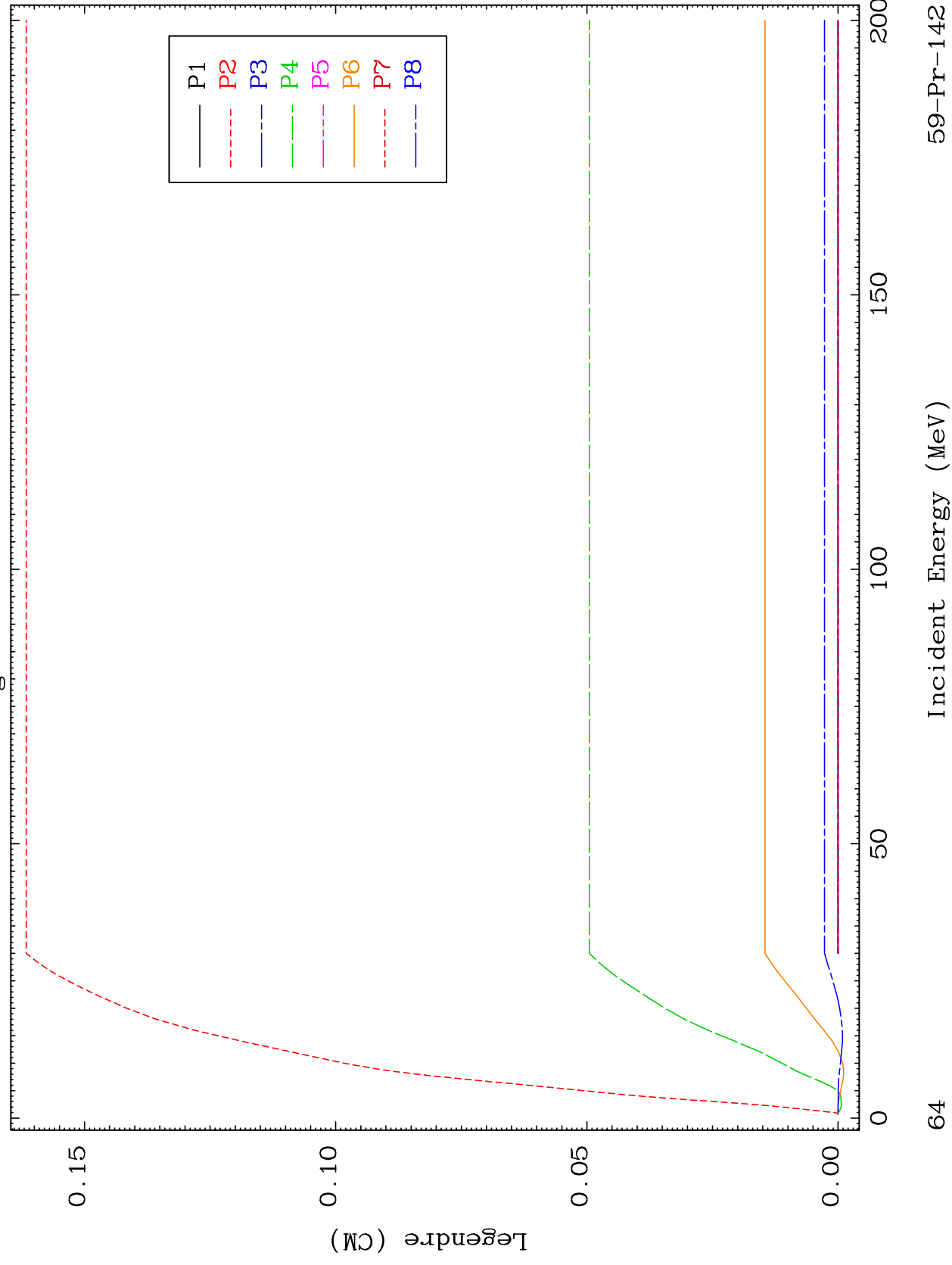




MAT 5928

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

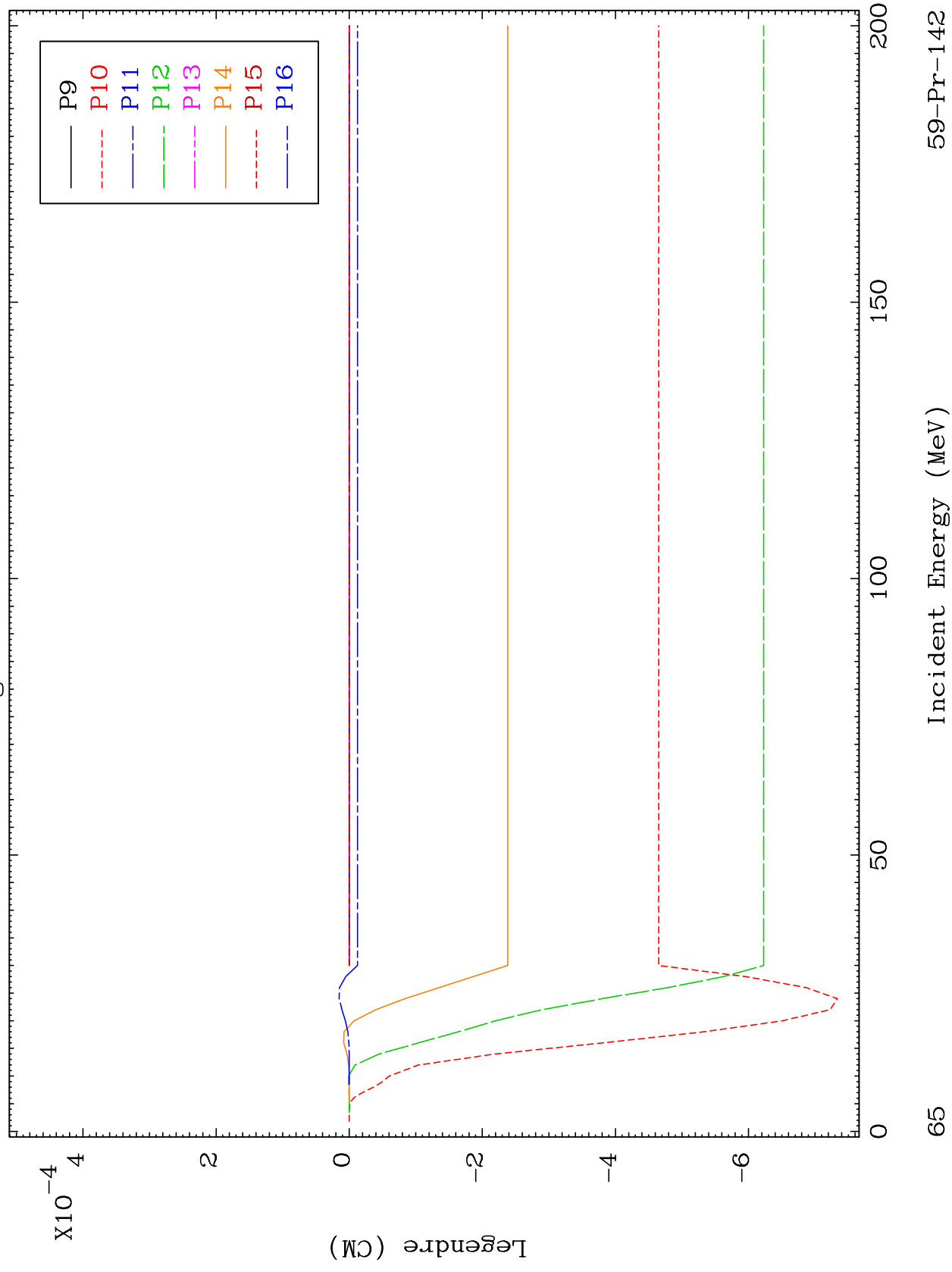
59-Pr-142

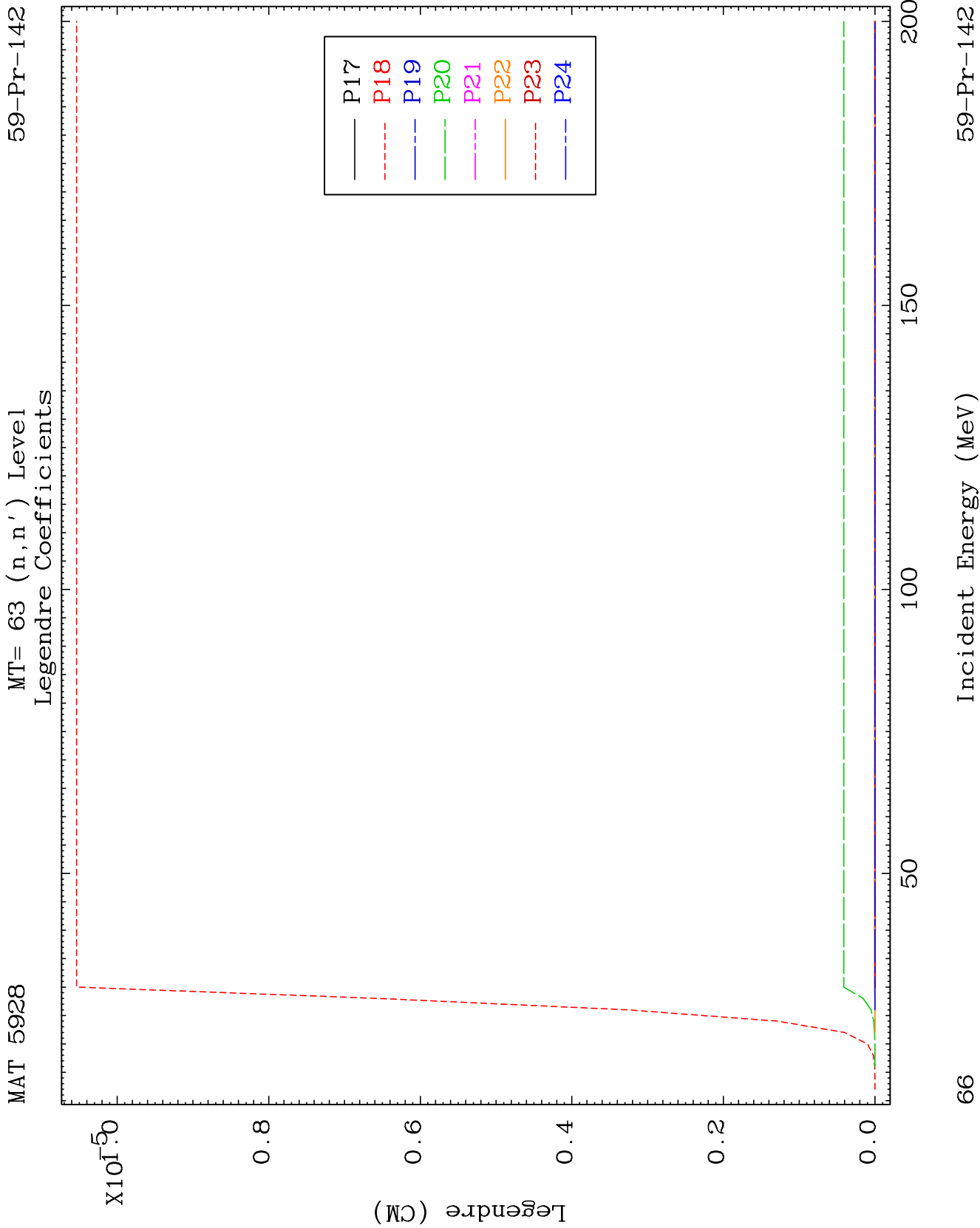


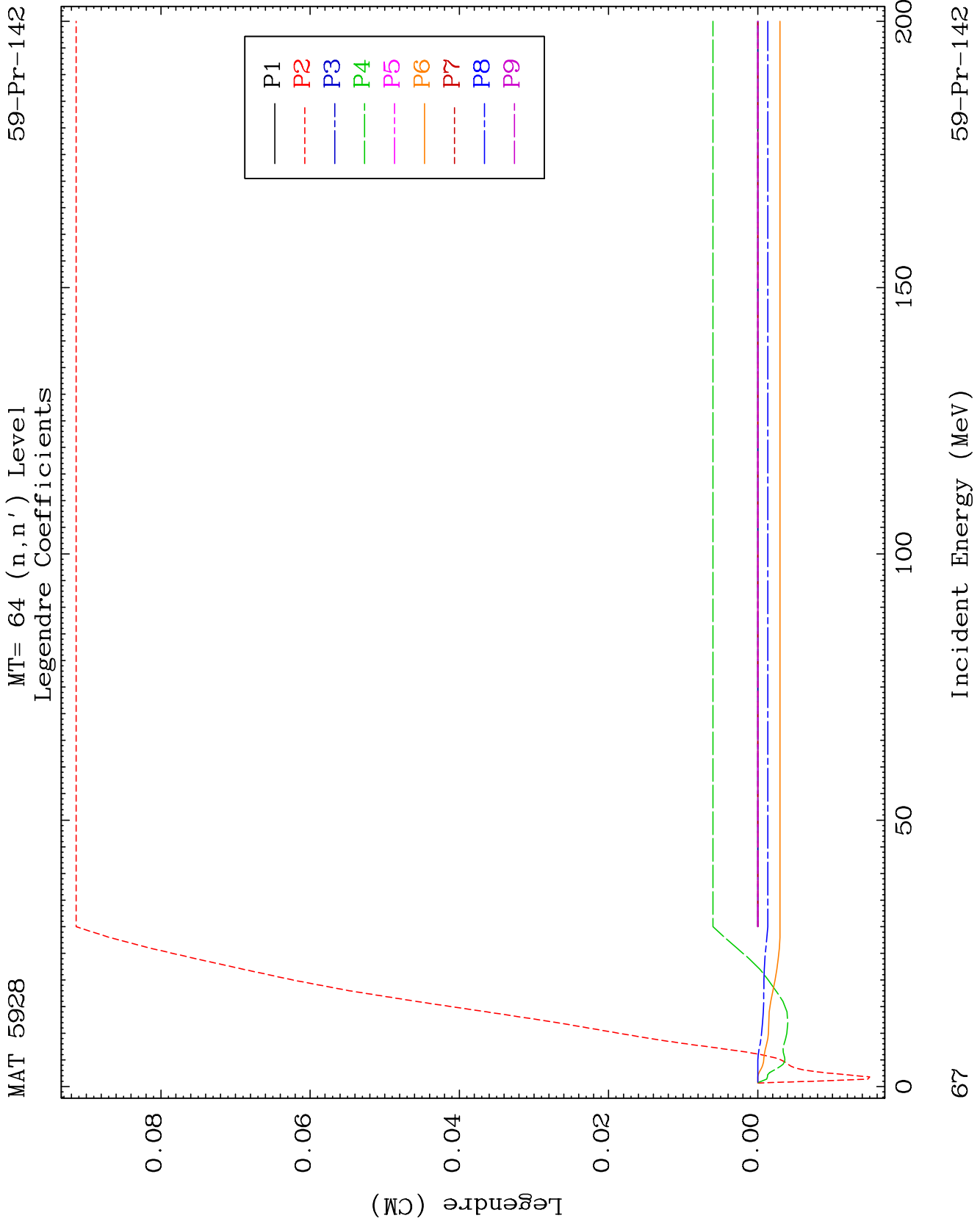
MAT 5928

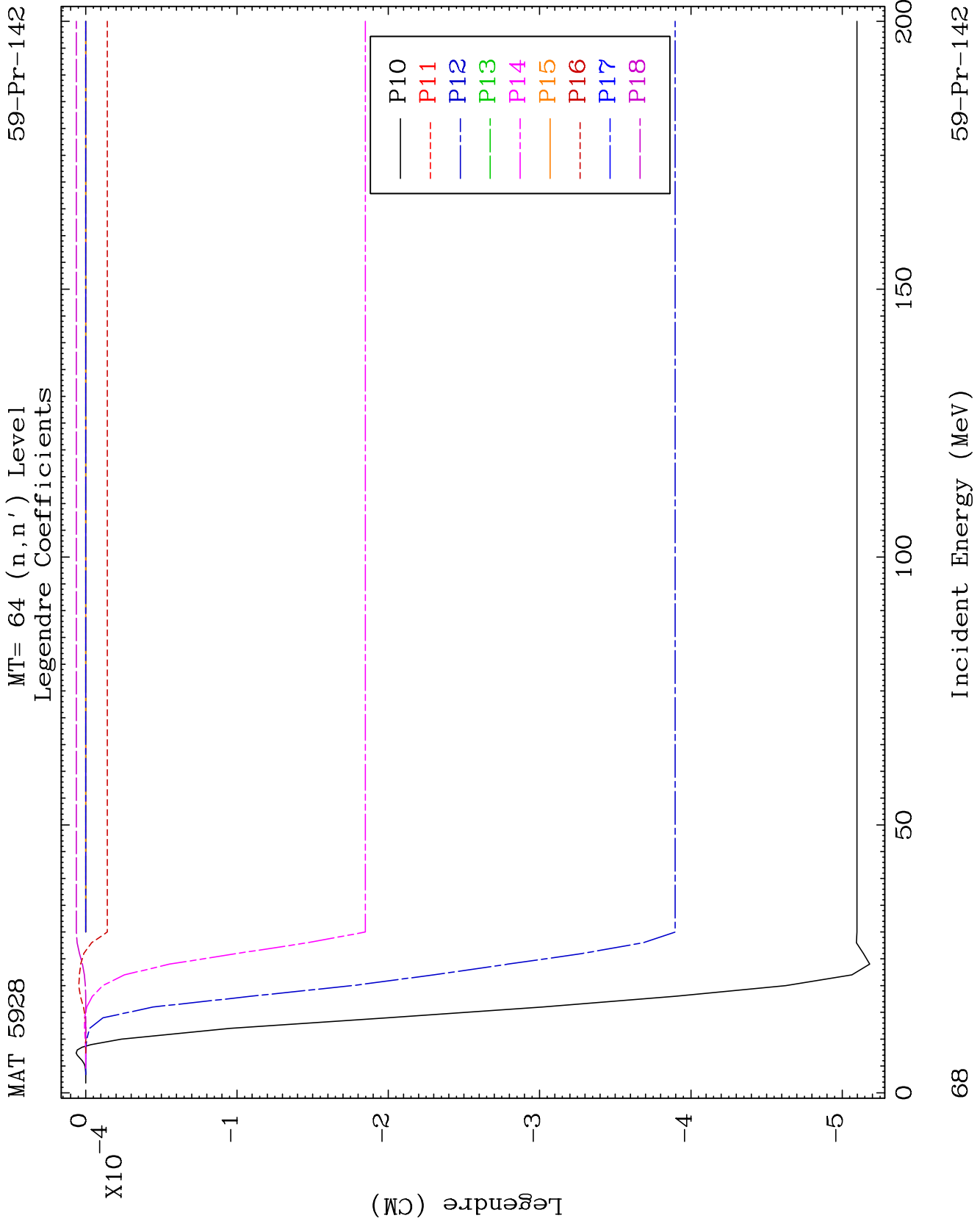
MT= 63 (n, n') Level
Legendre Coefficients

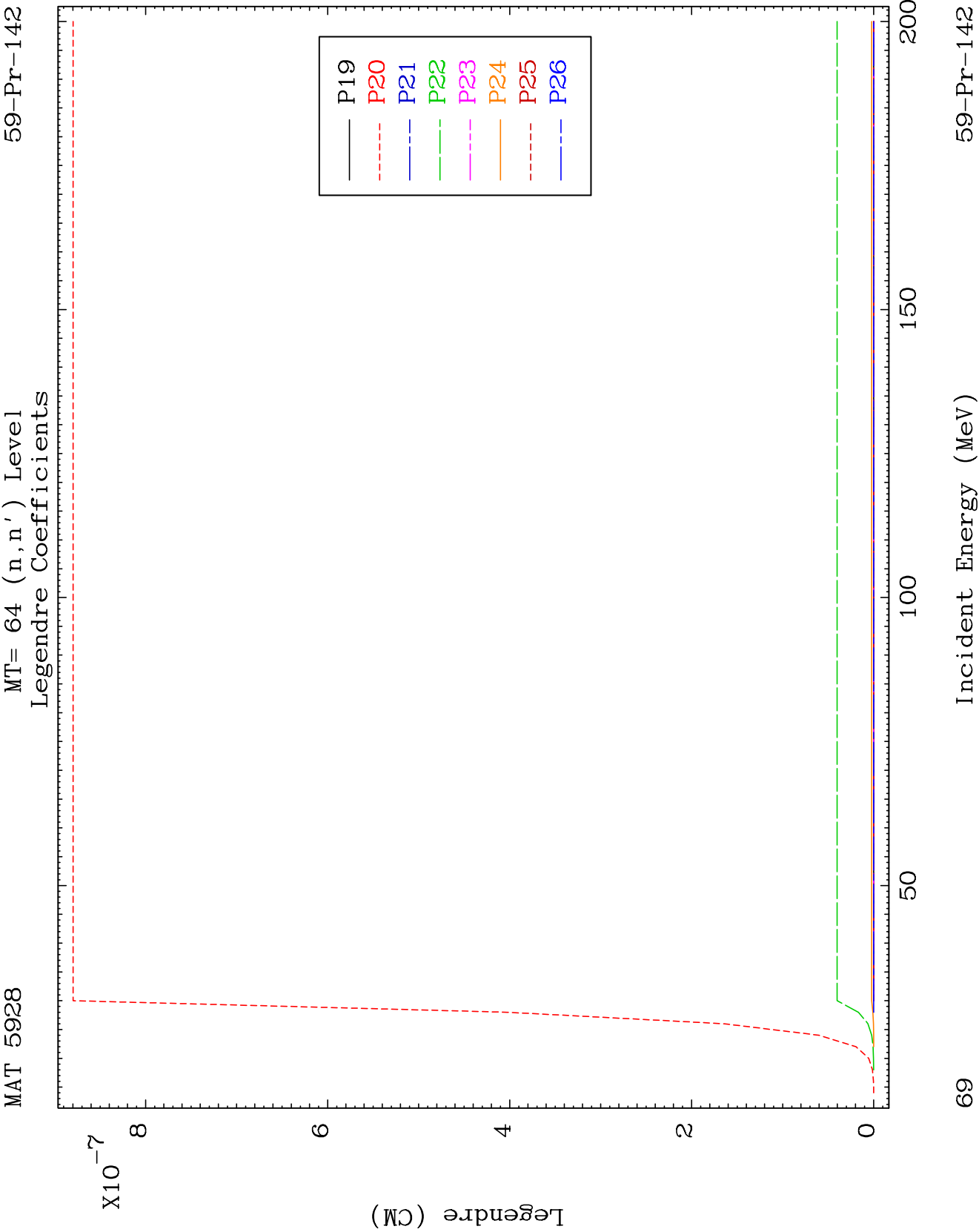
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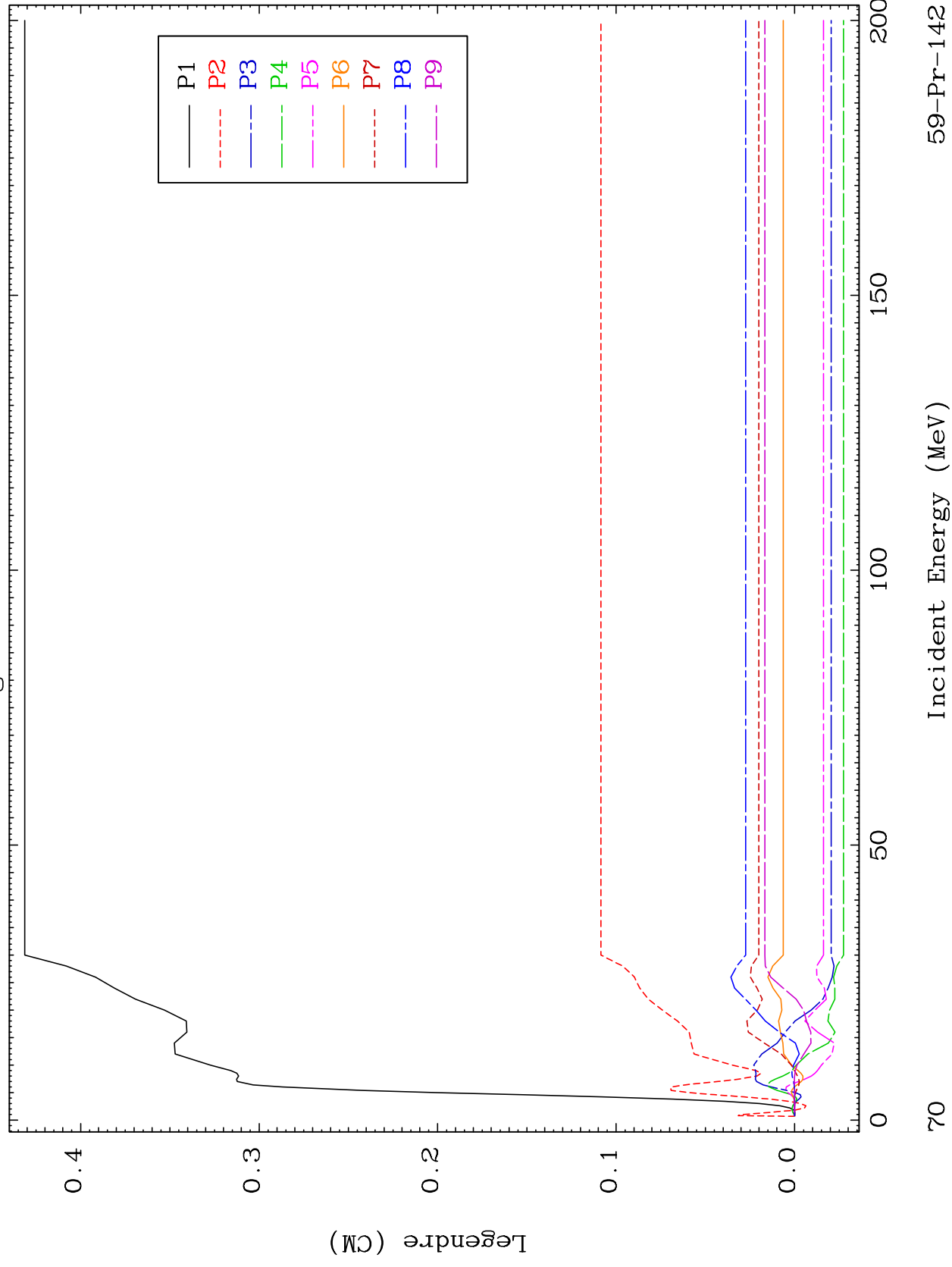


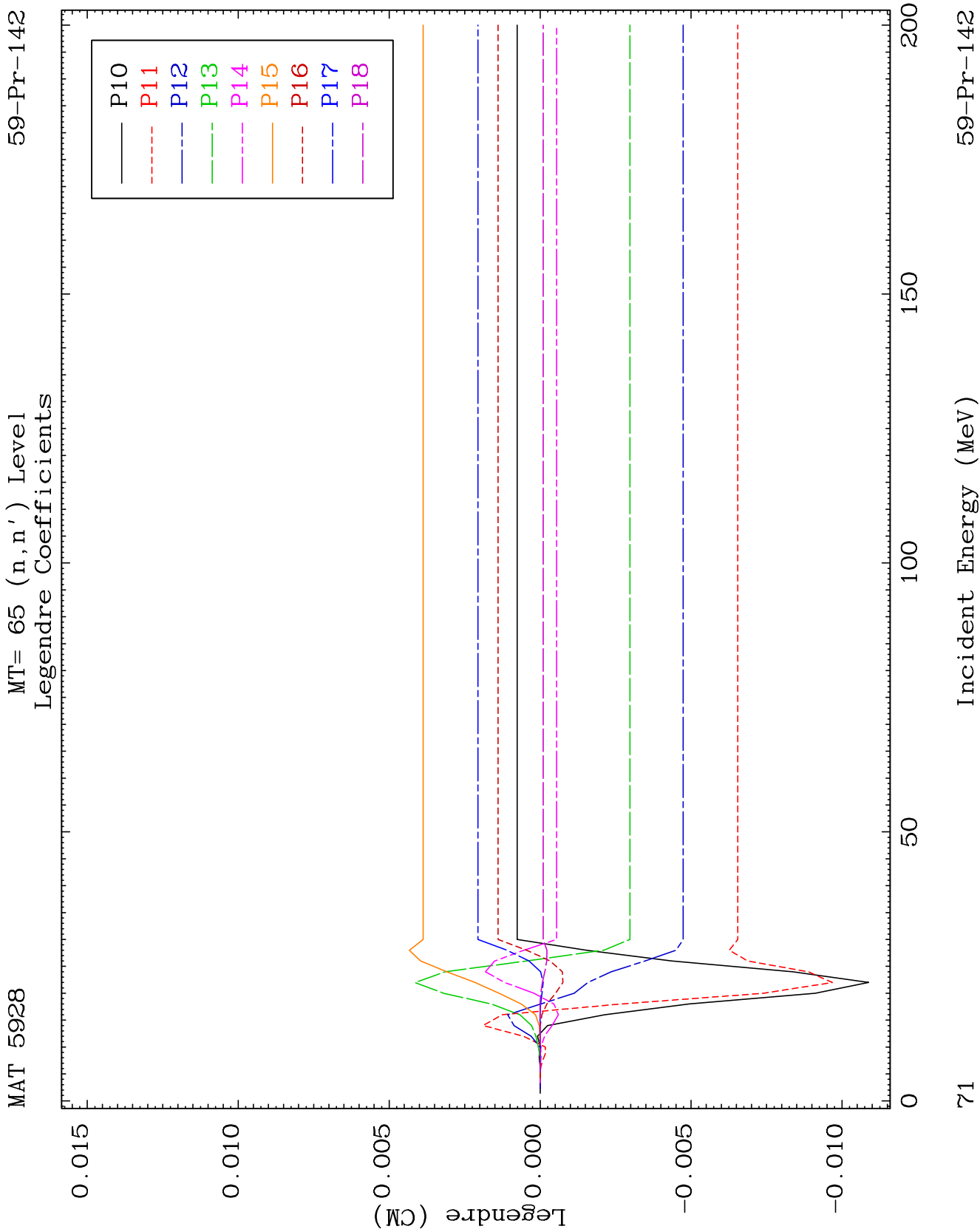


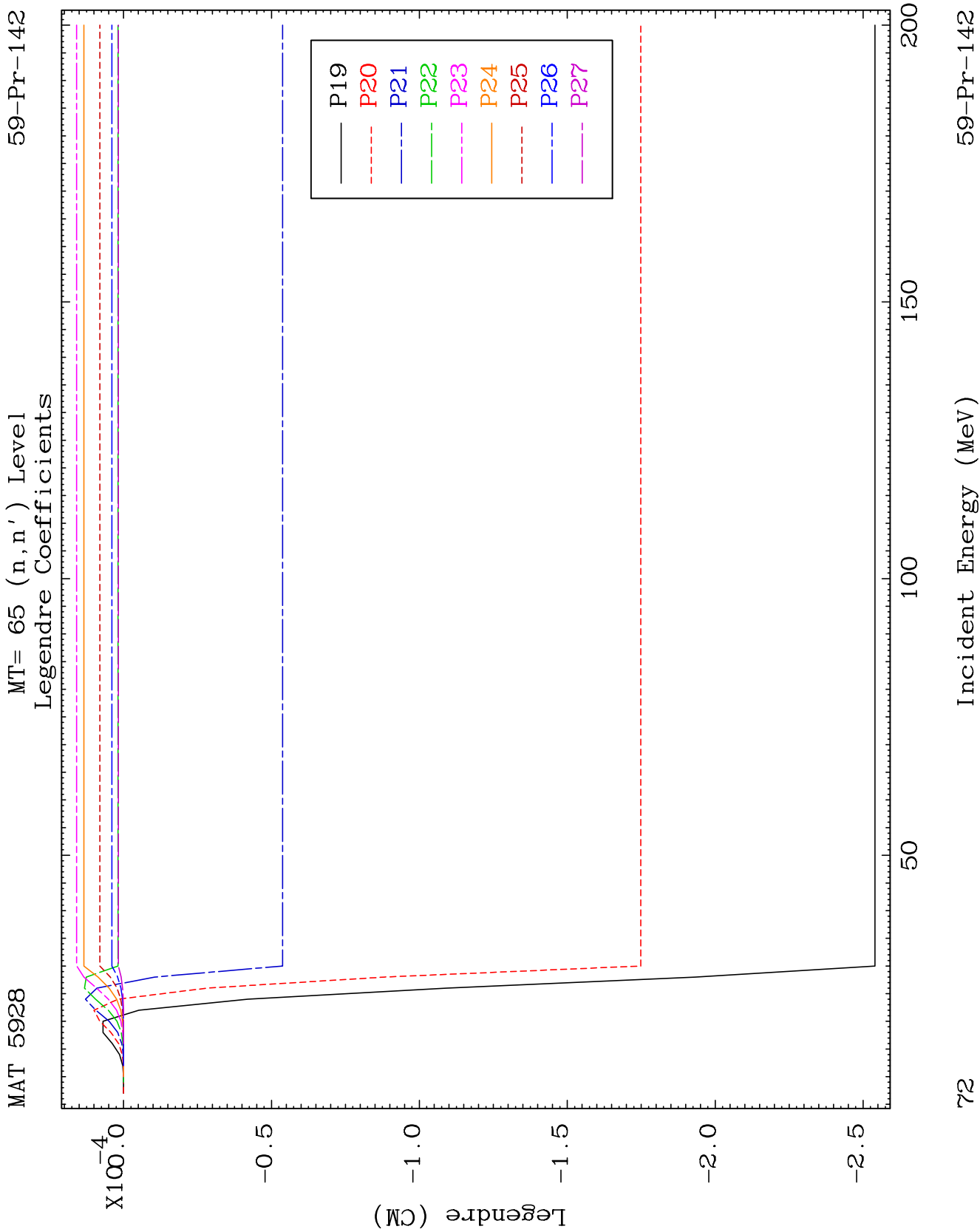
MAT 5928

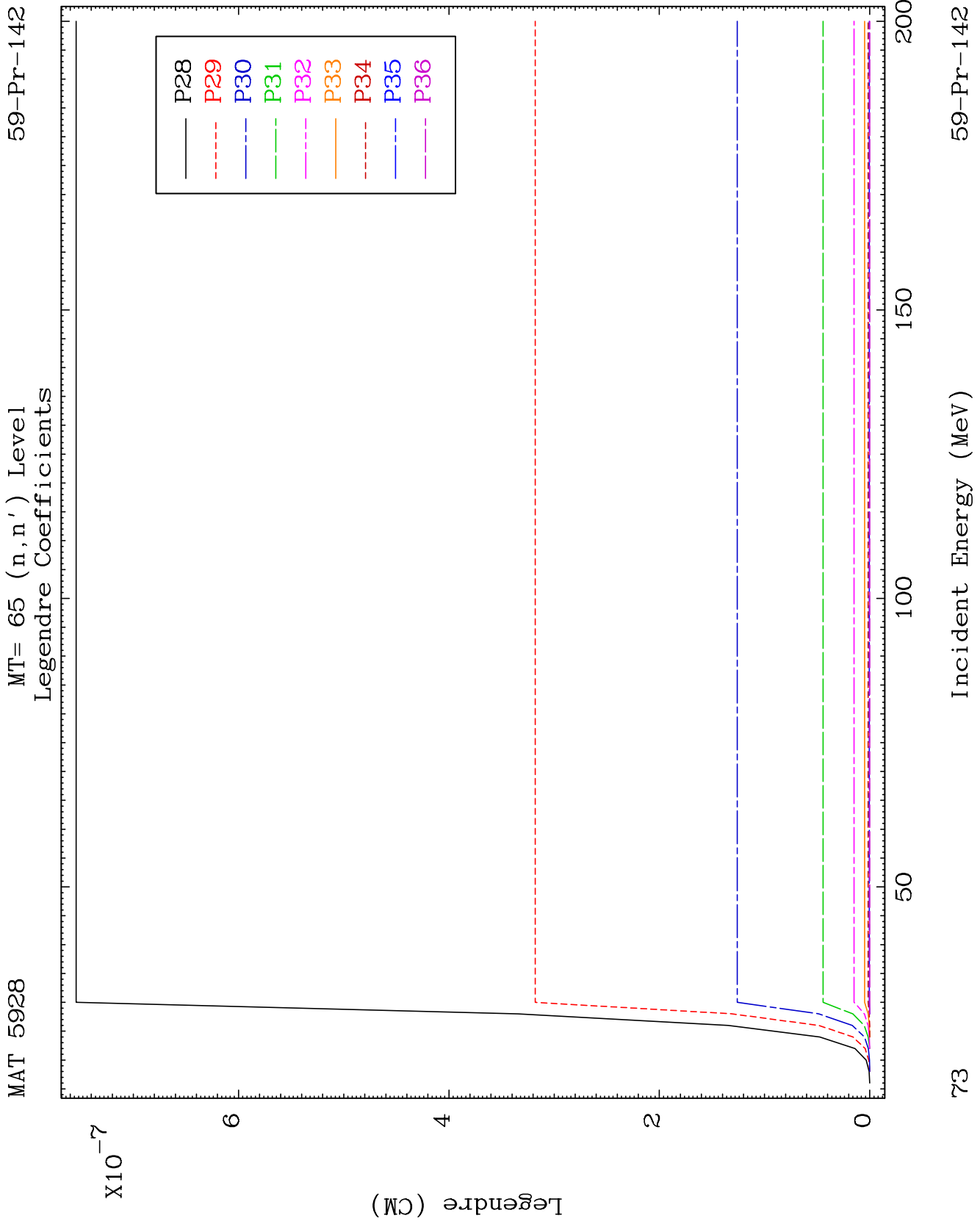
MT= 65 (n, n') Level
Legendre Coefficients

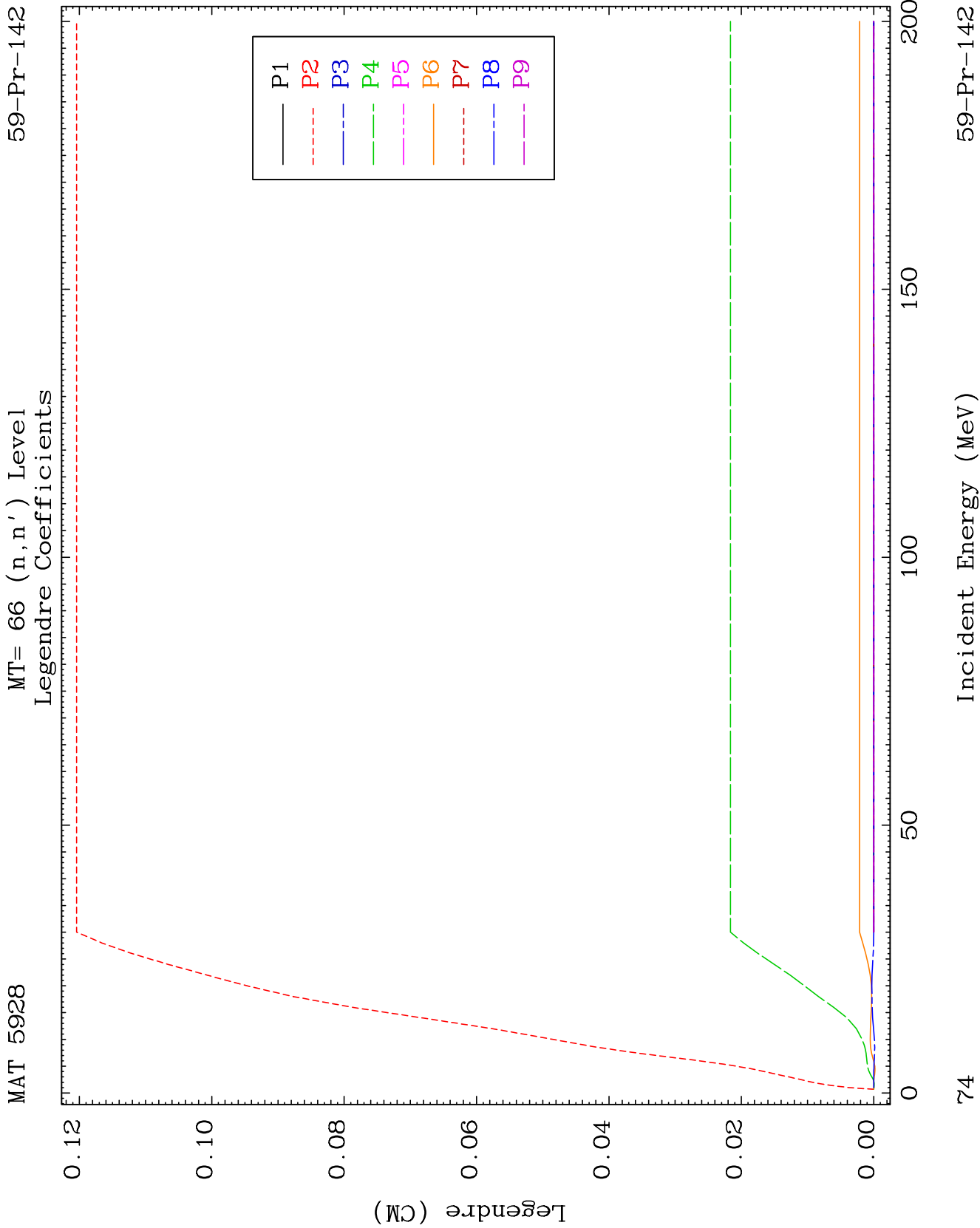
59-Pr-142

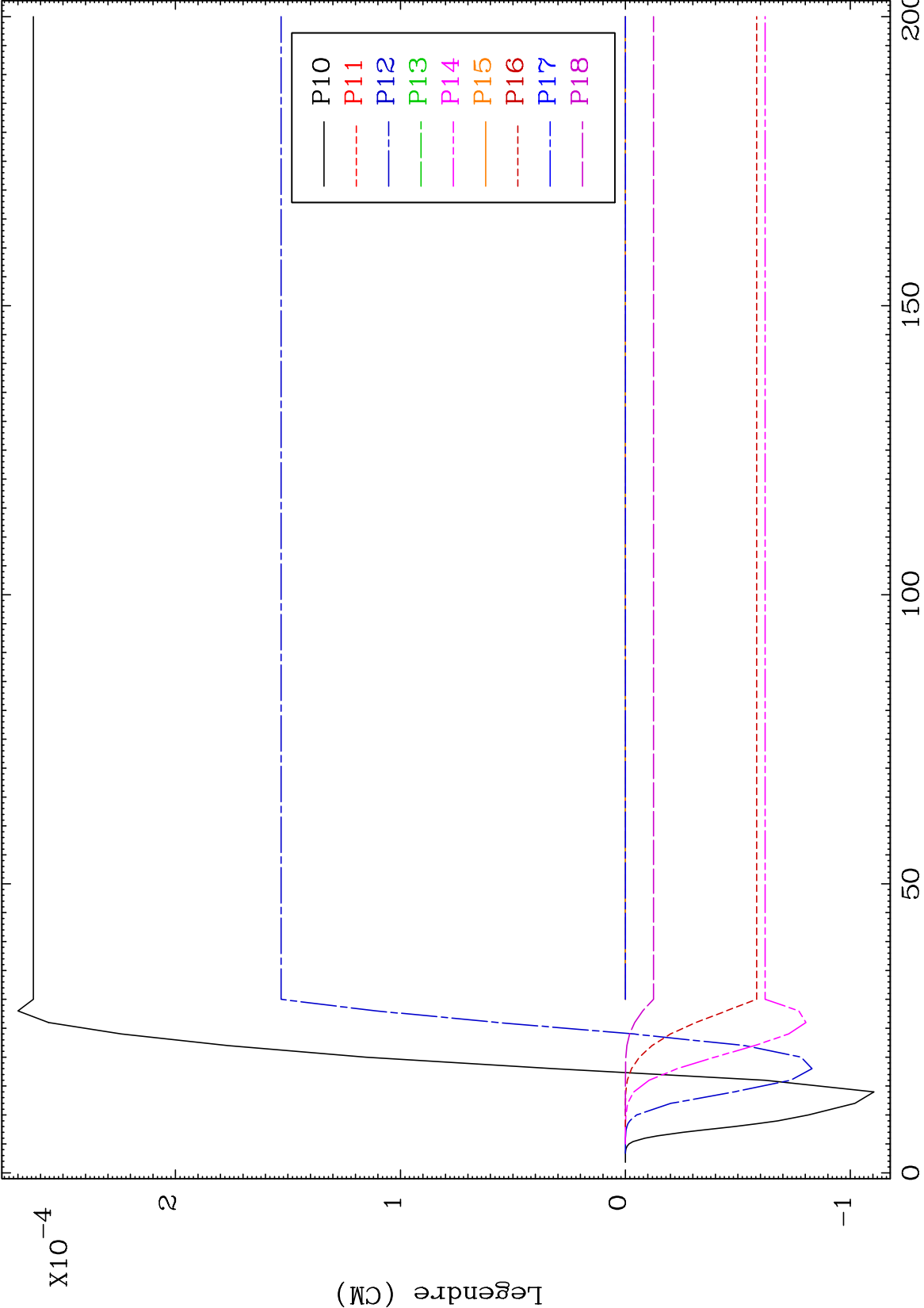


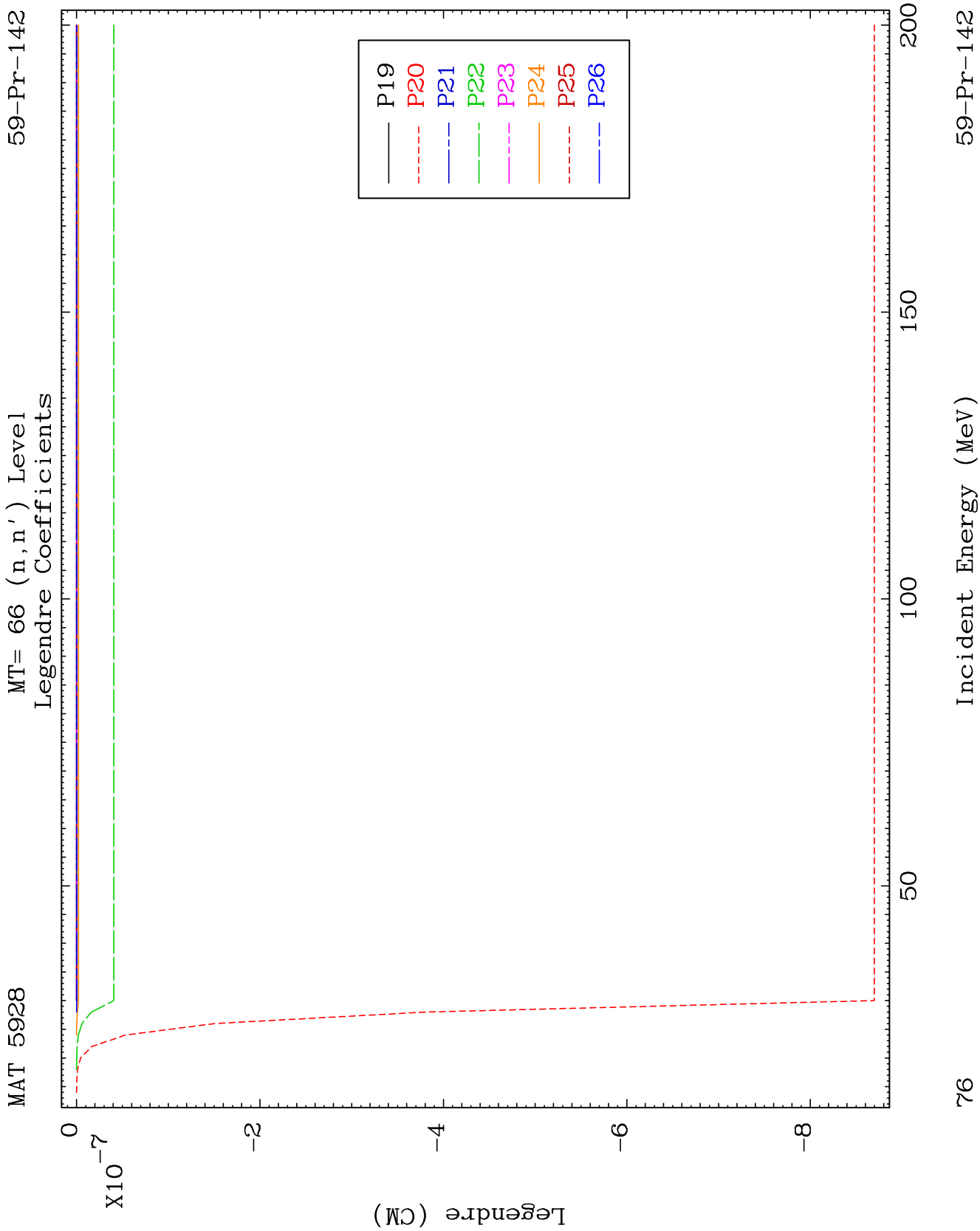










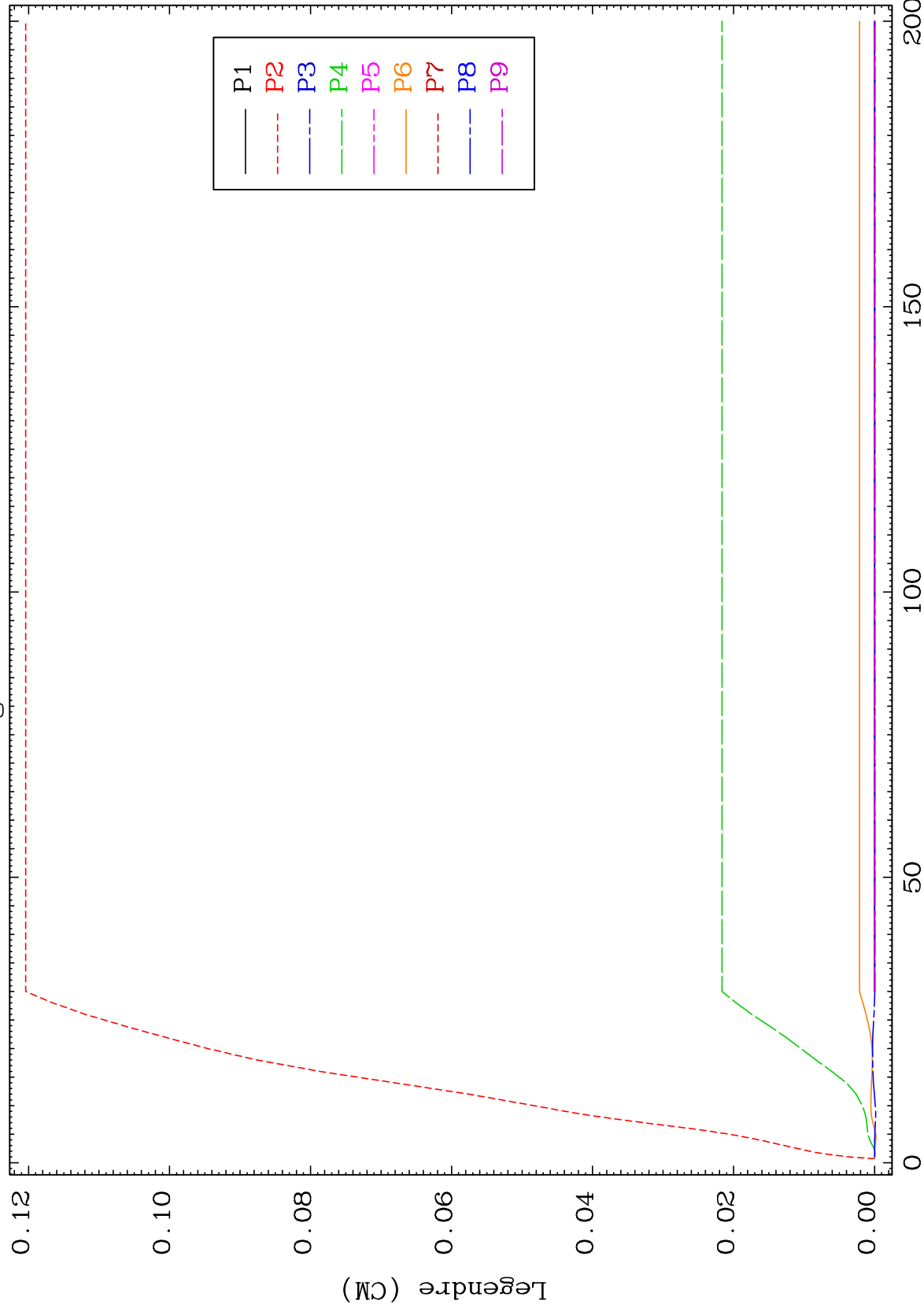


MAT 5928

MT= 67 (n, n') Level

59-Pr-142

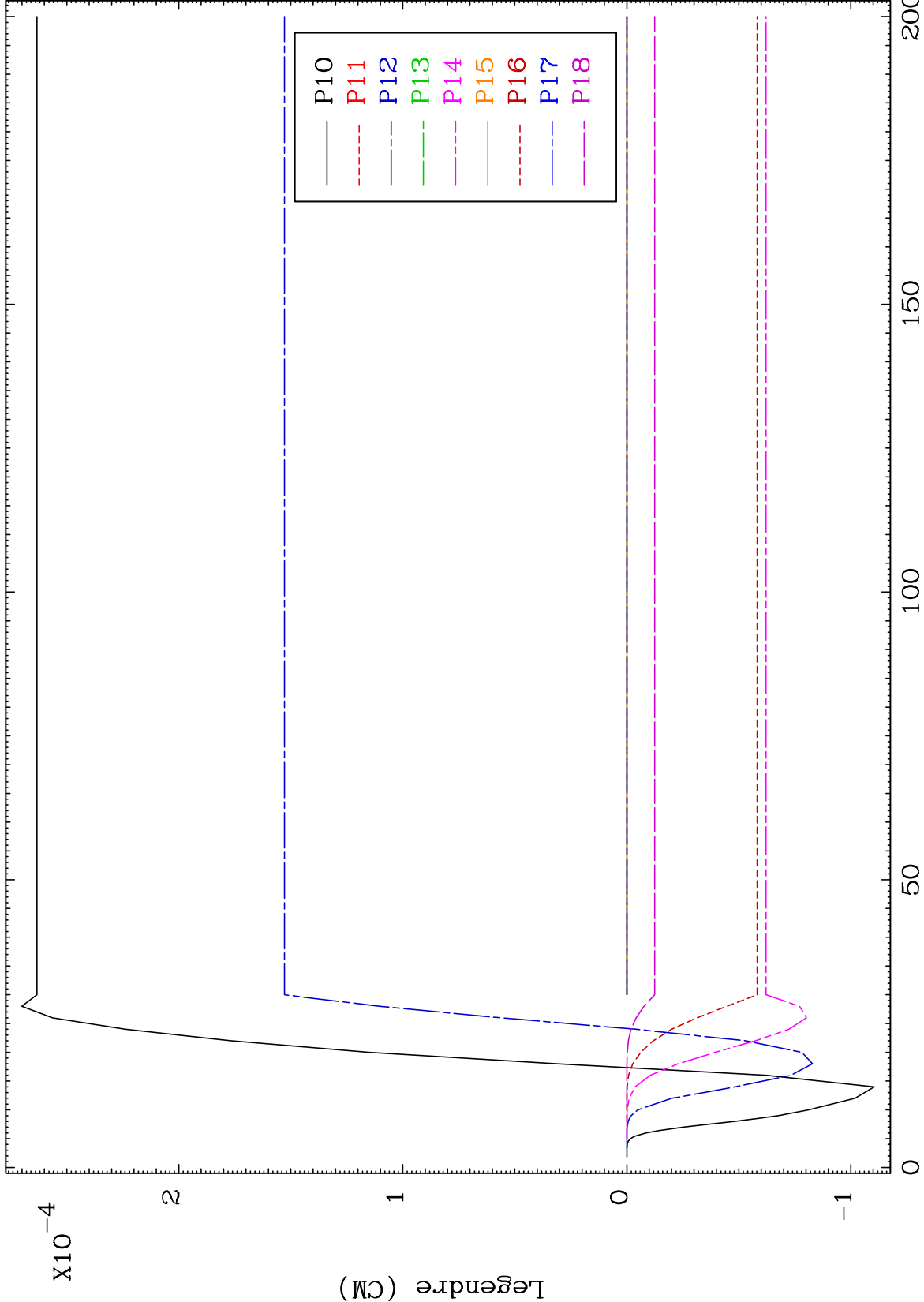
Legendre Coefficients

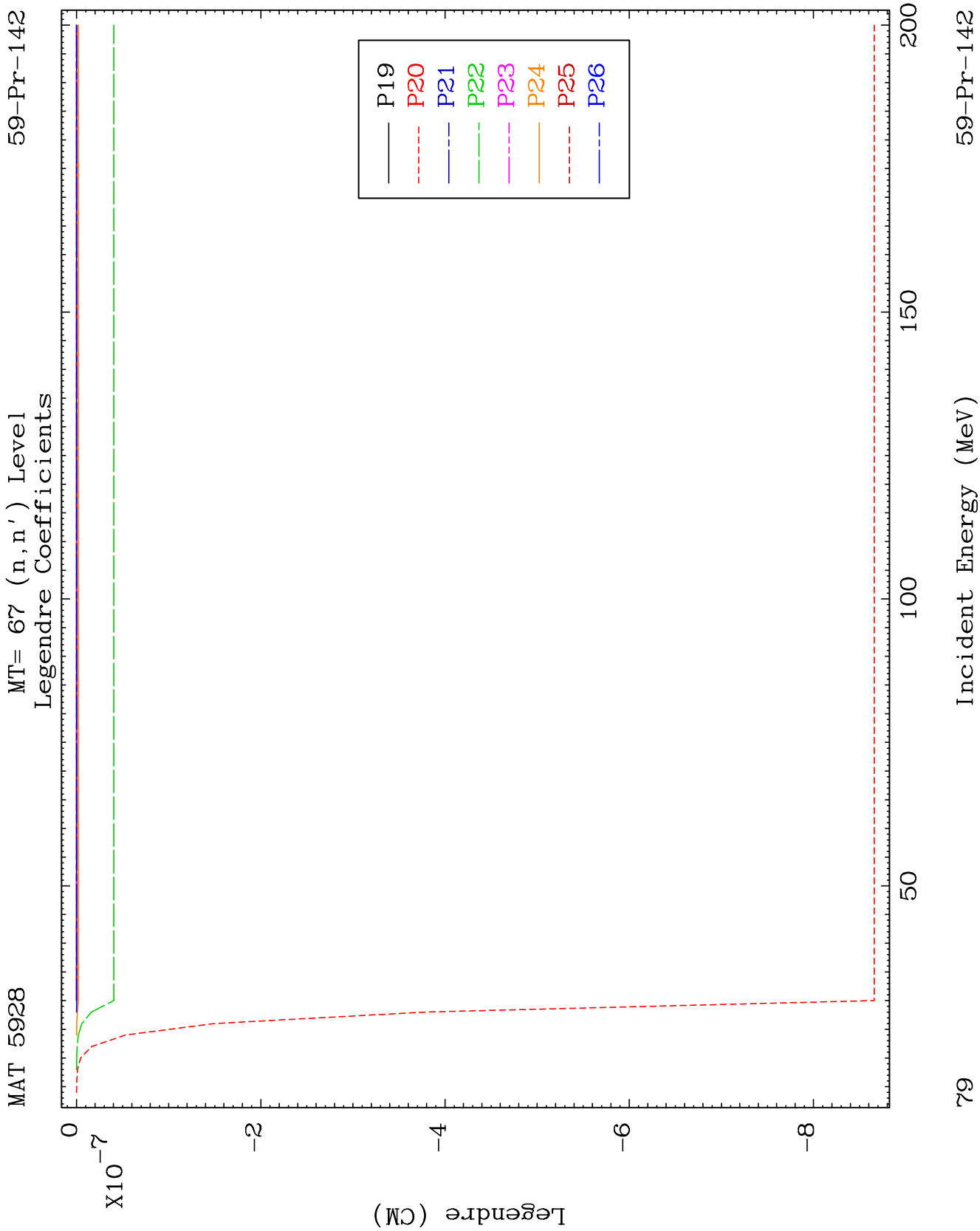


22

Incident Energy (MeV)

59-Pr-142

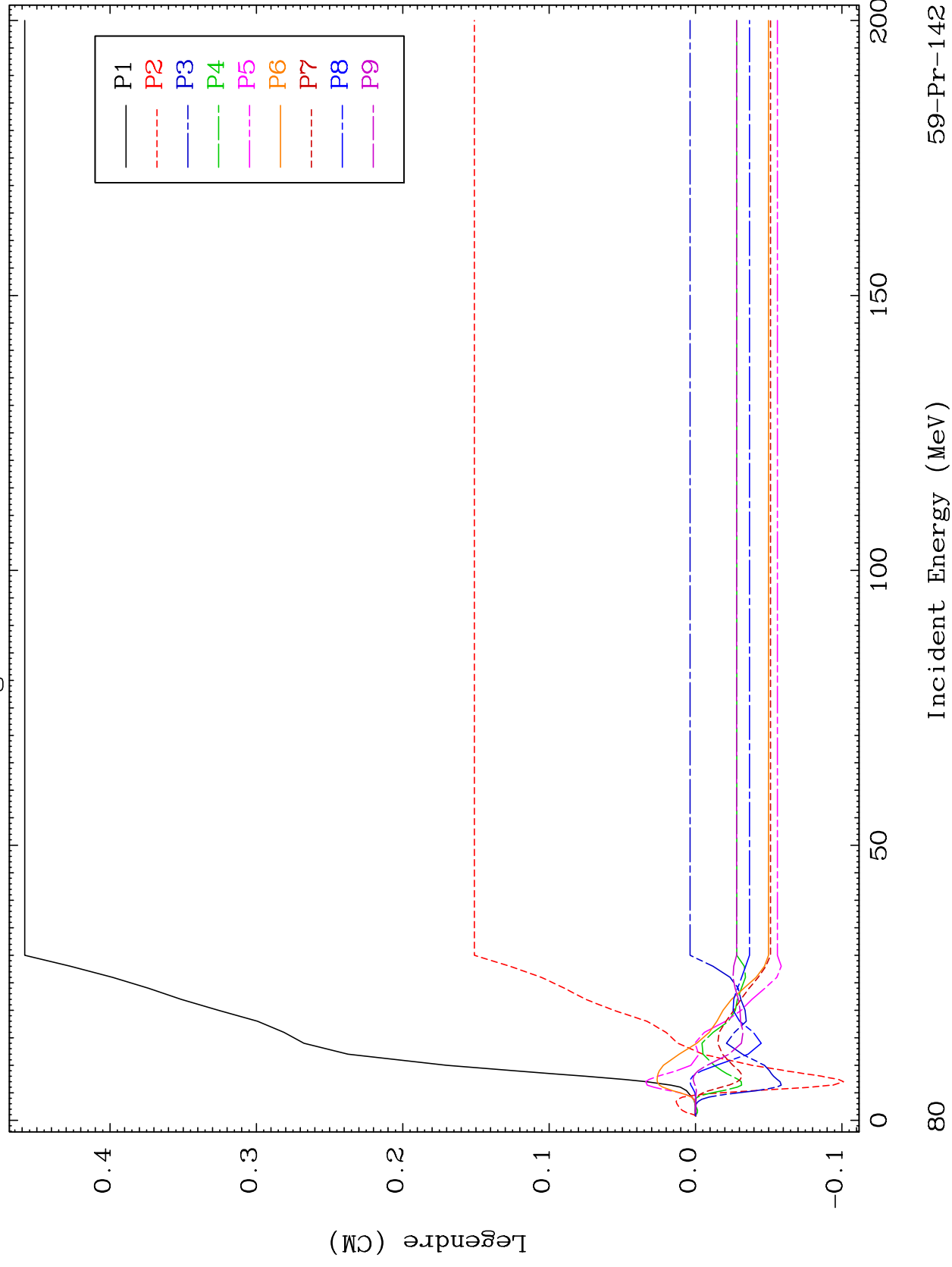




MAT 5928

MT= 68 (n, n') Level
Legendre Coefficients

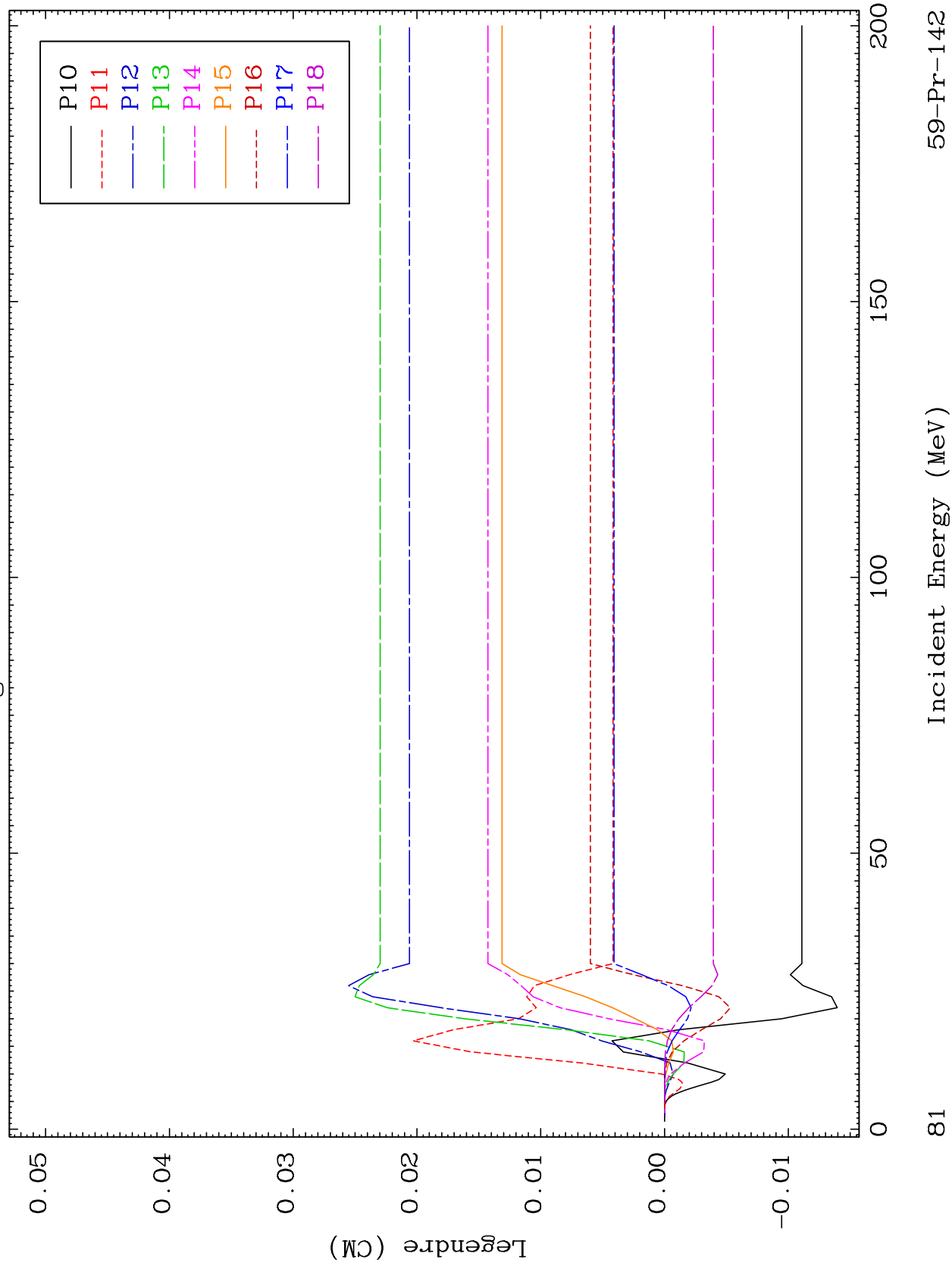
59-Pr-142

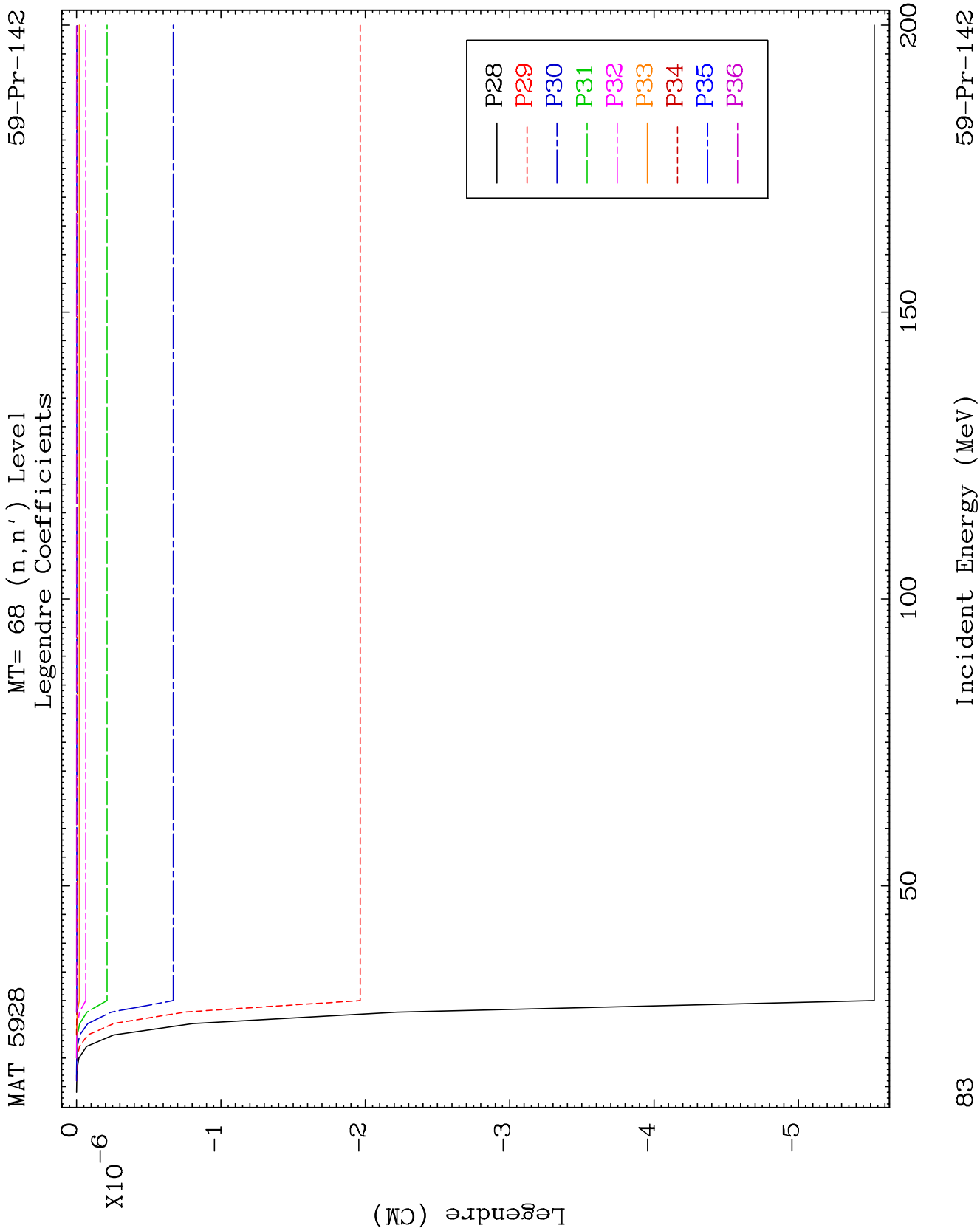


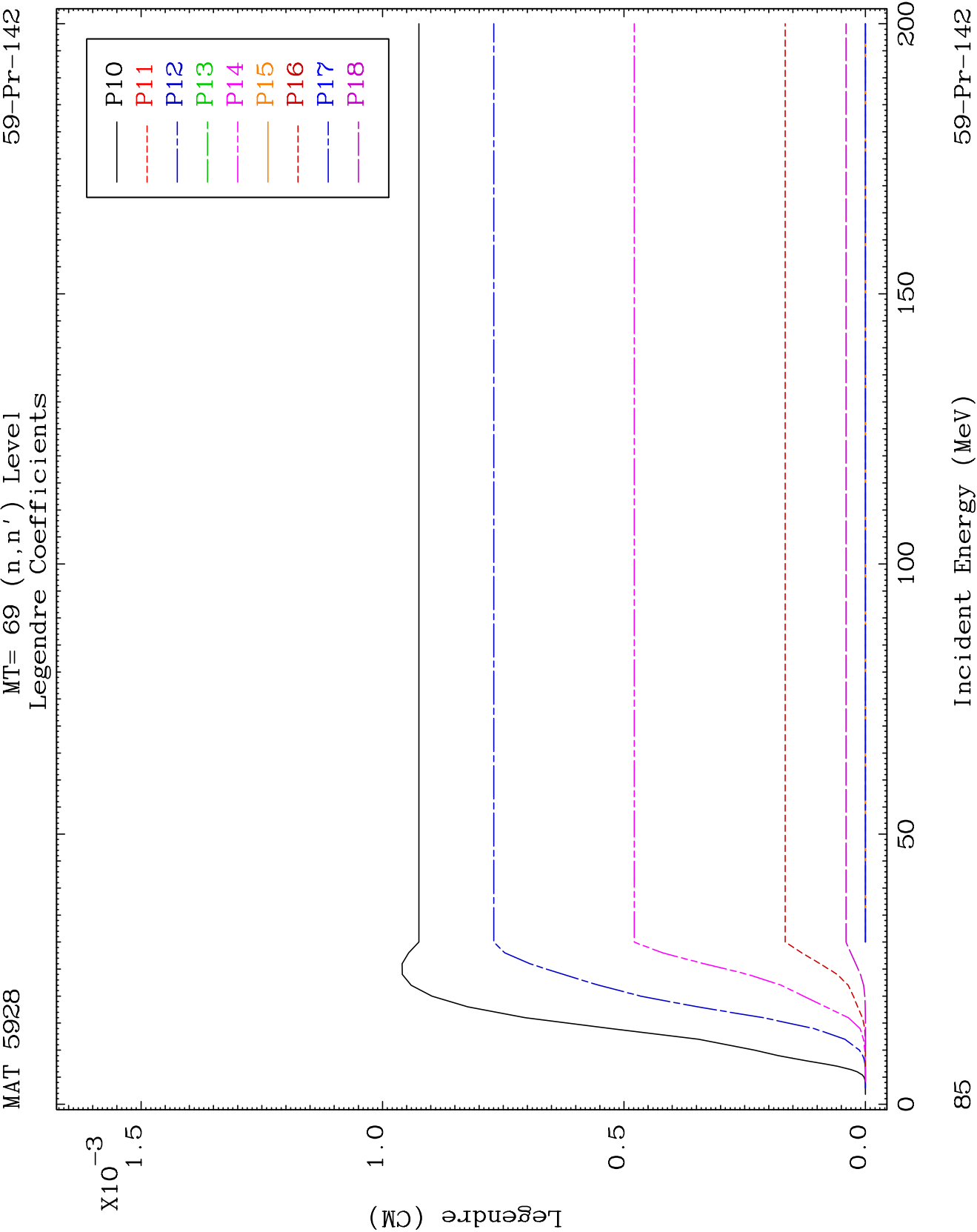
MAT 5928

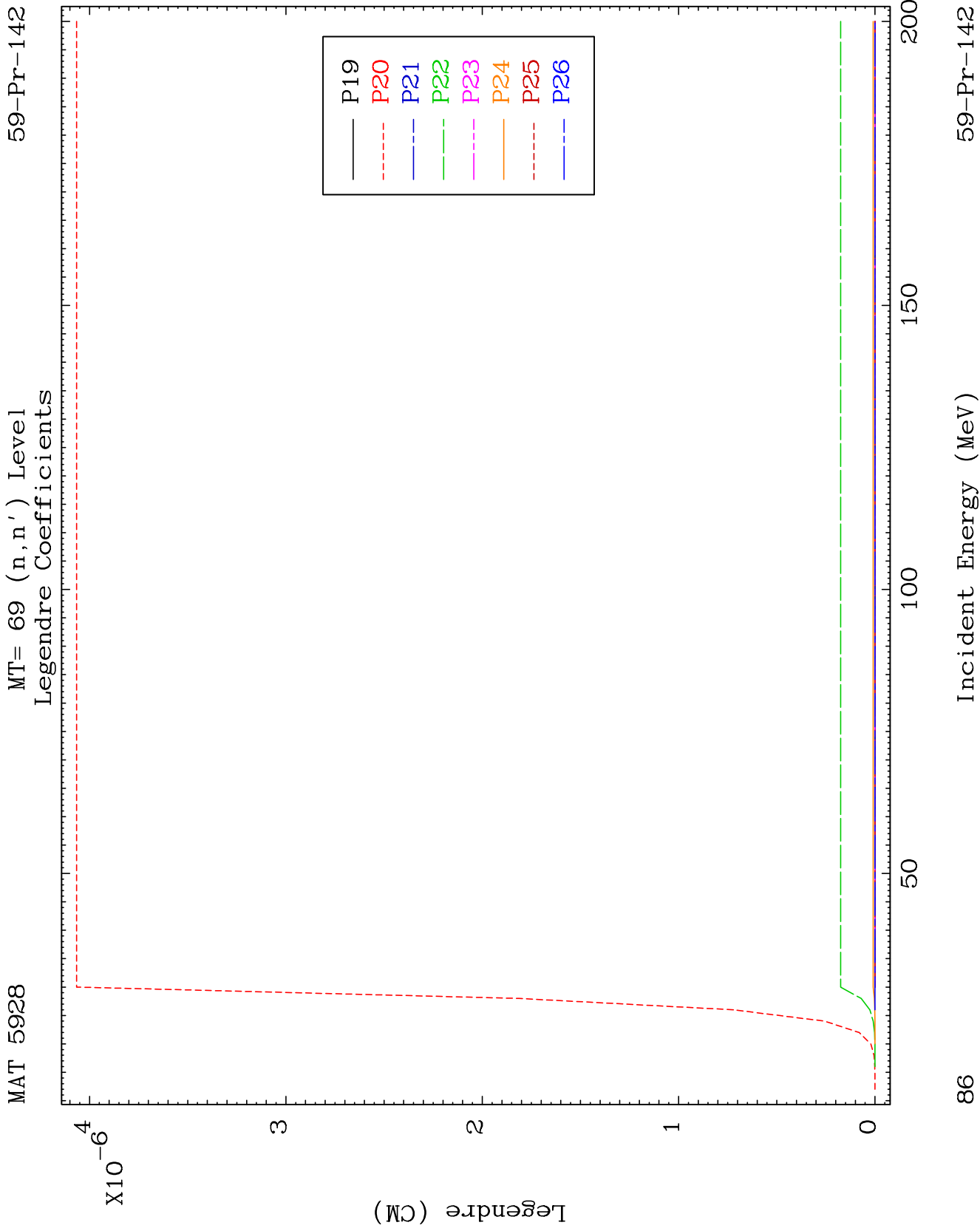
MT= 68 (n, n') Level
Legendre Coefficients

59-Pr-142





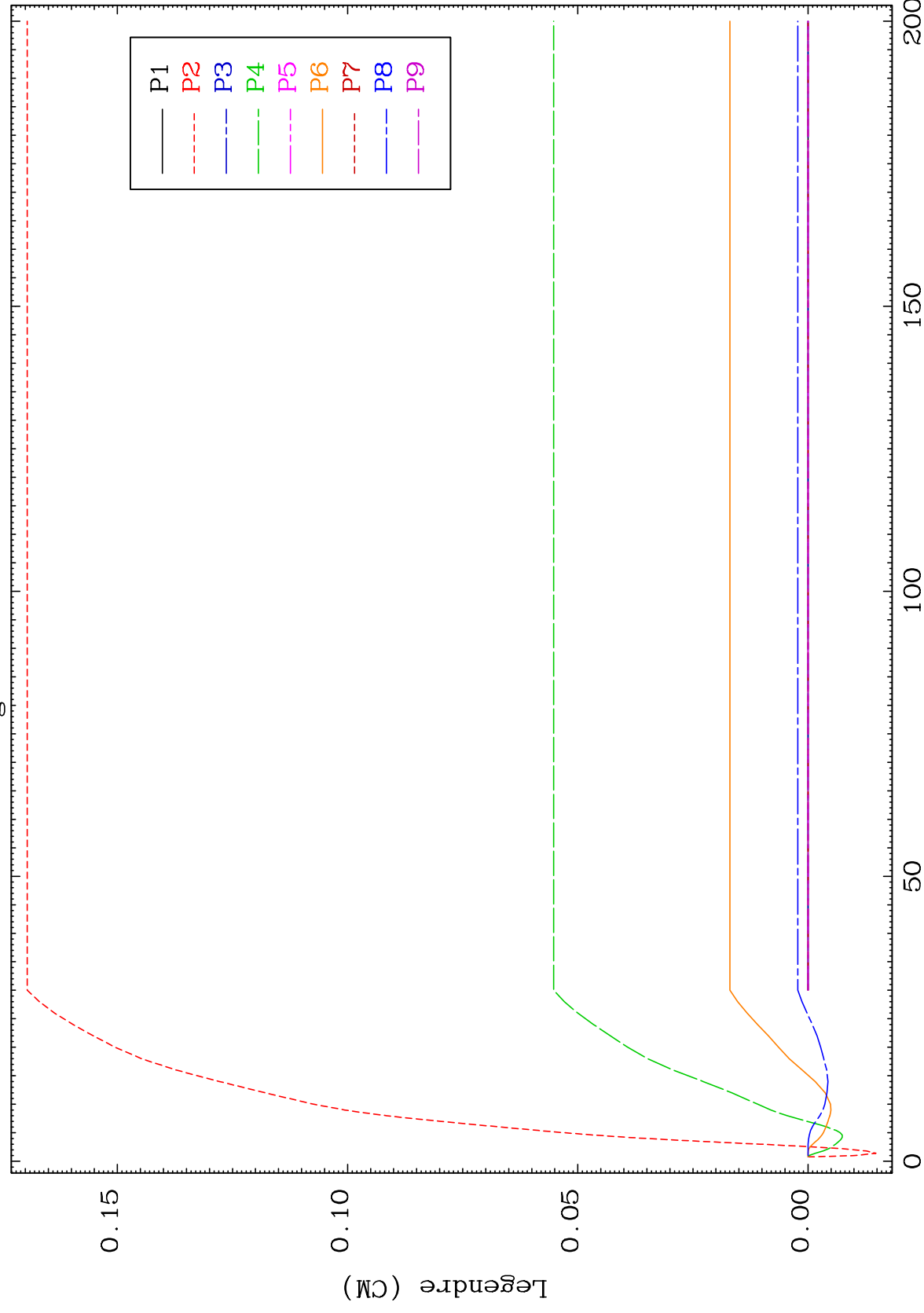


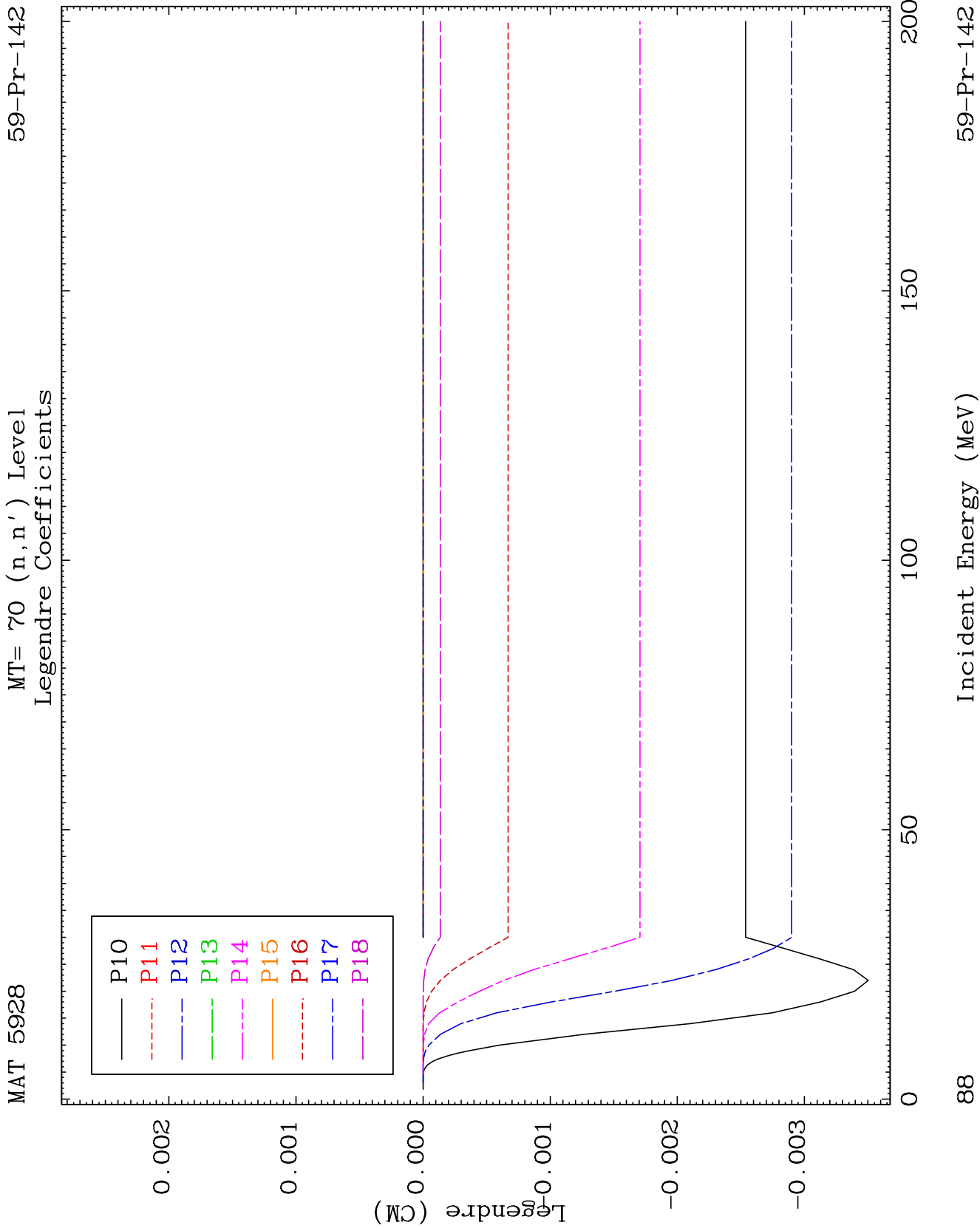


MAT 5928

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

59-Pr-142

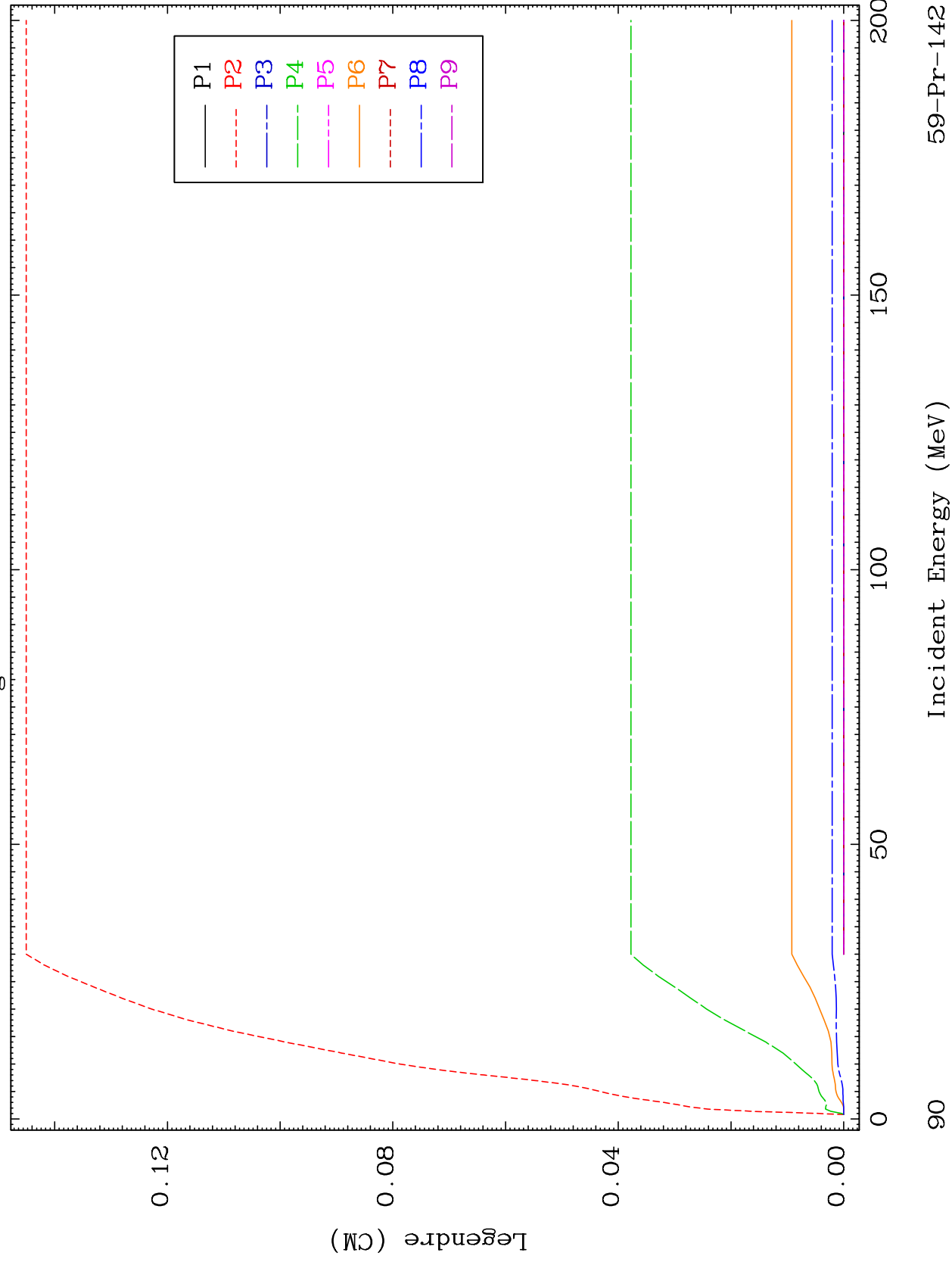


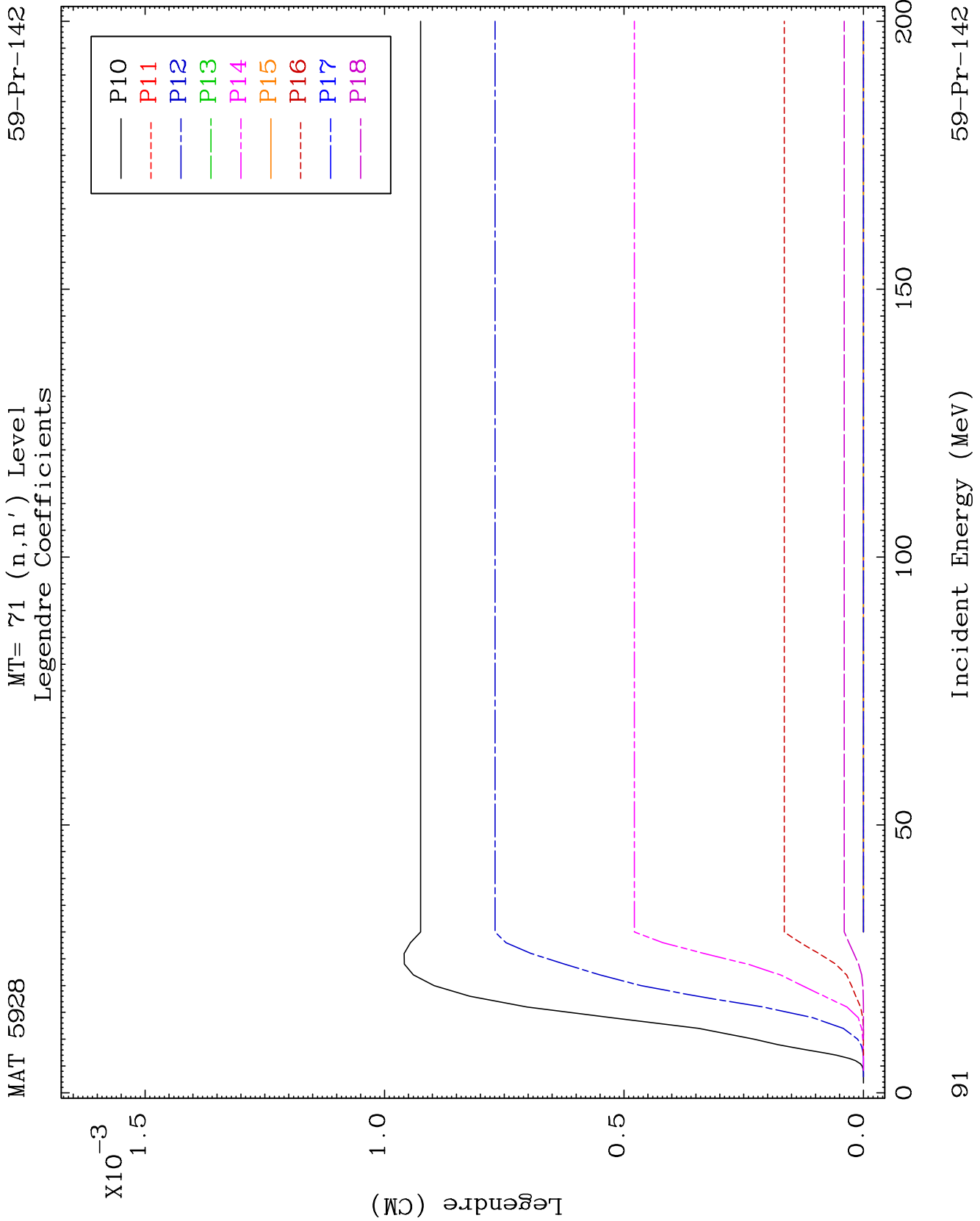


MAT 5928

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

59-Pr-142

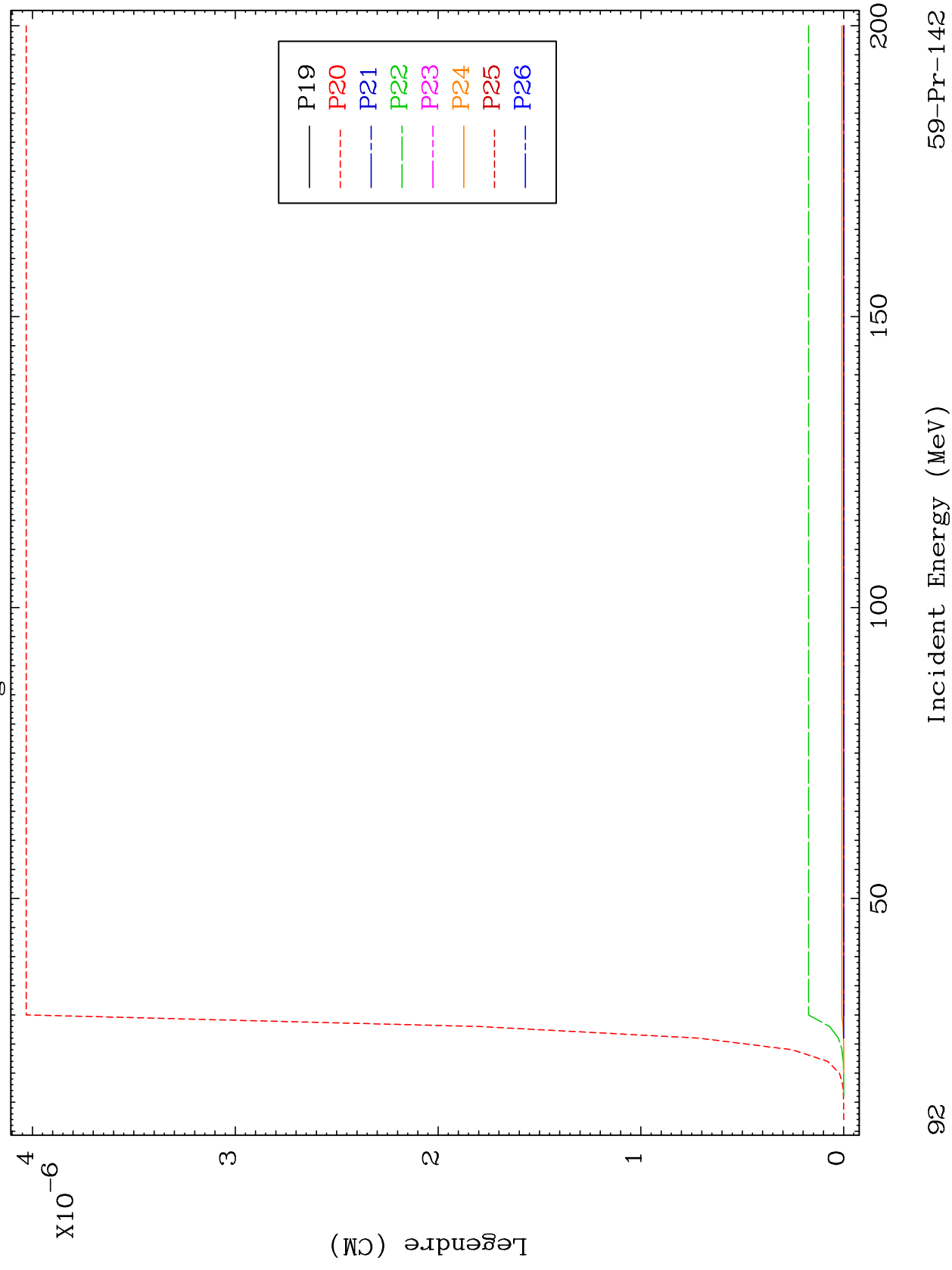




MAT 5928

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

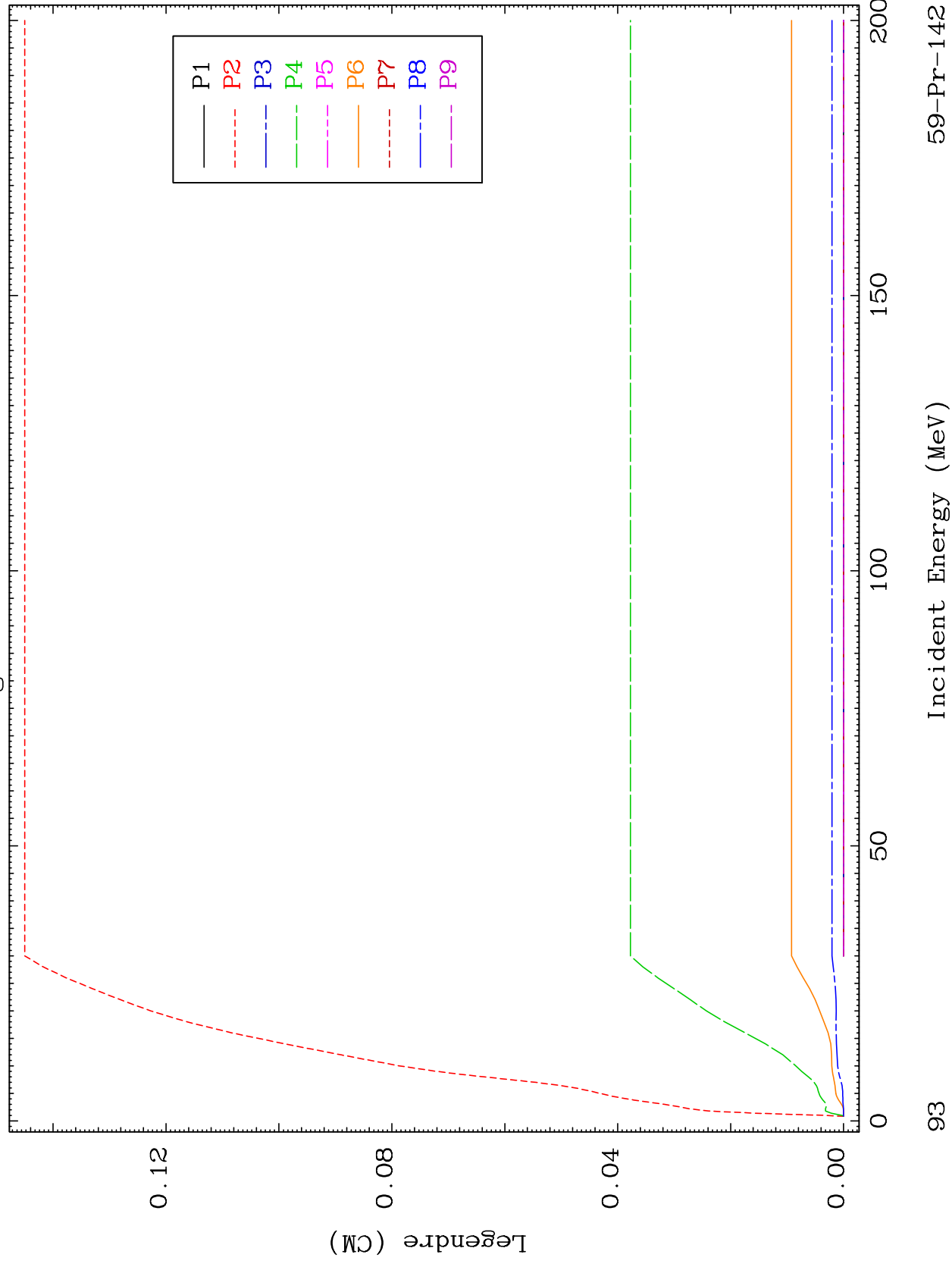
59-Pr-142



MAT 5928

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

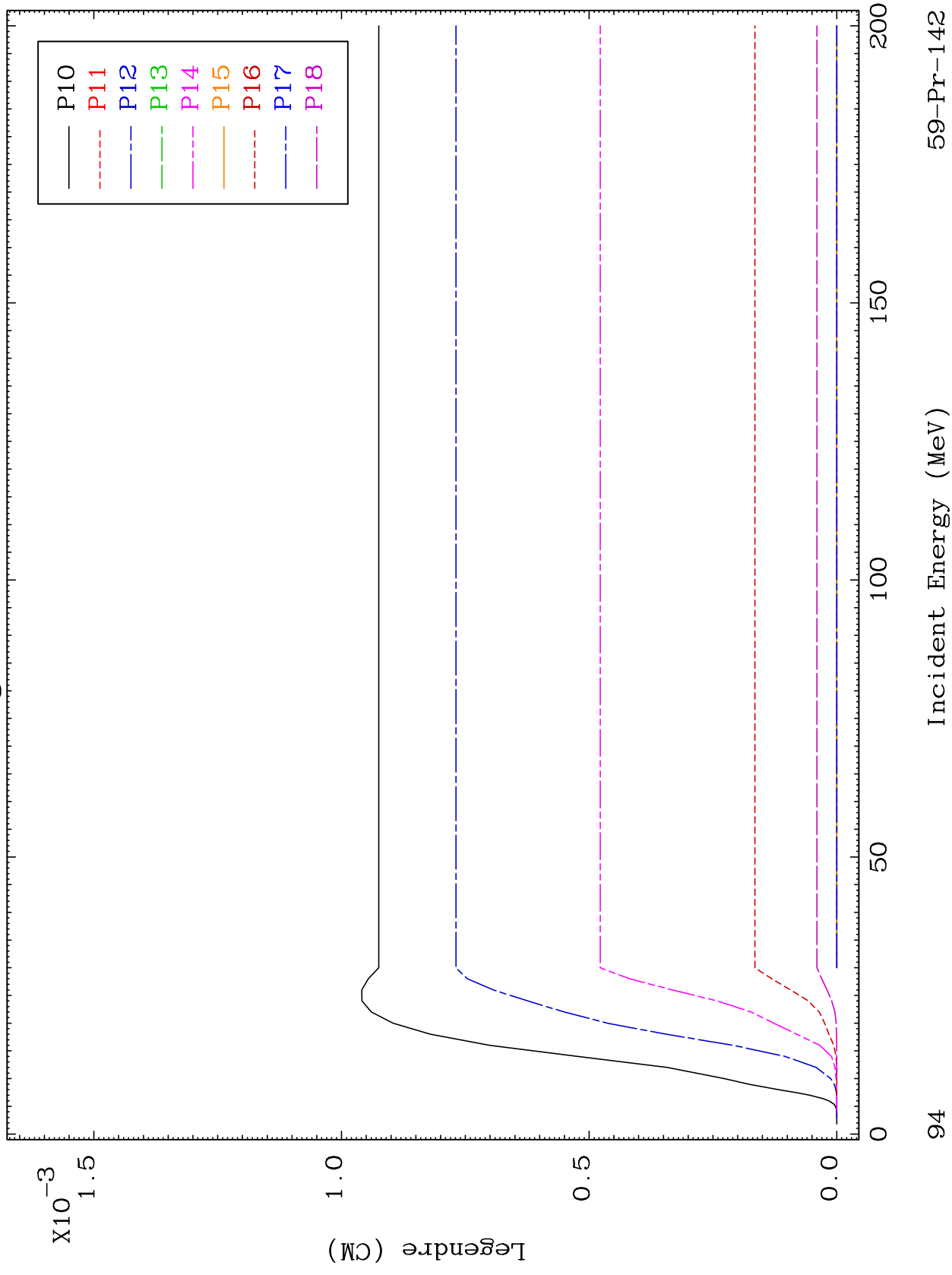
59-Pr-142

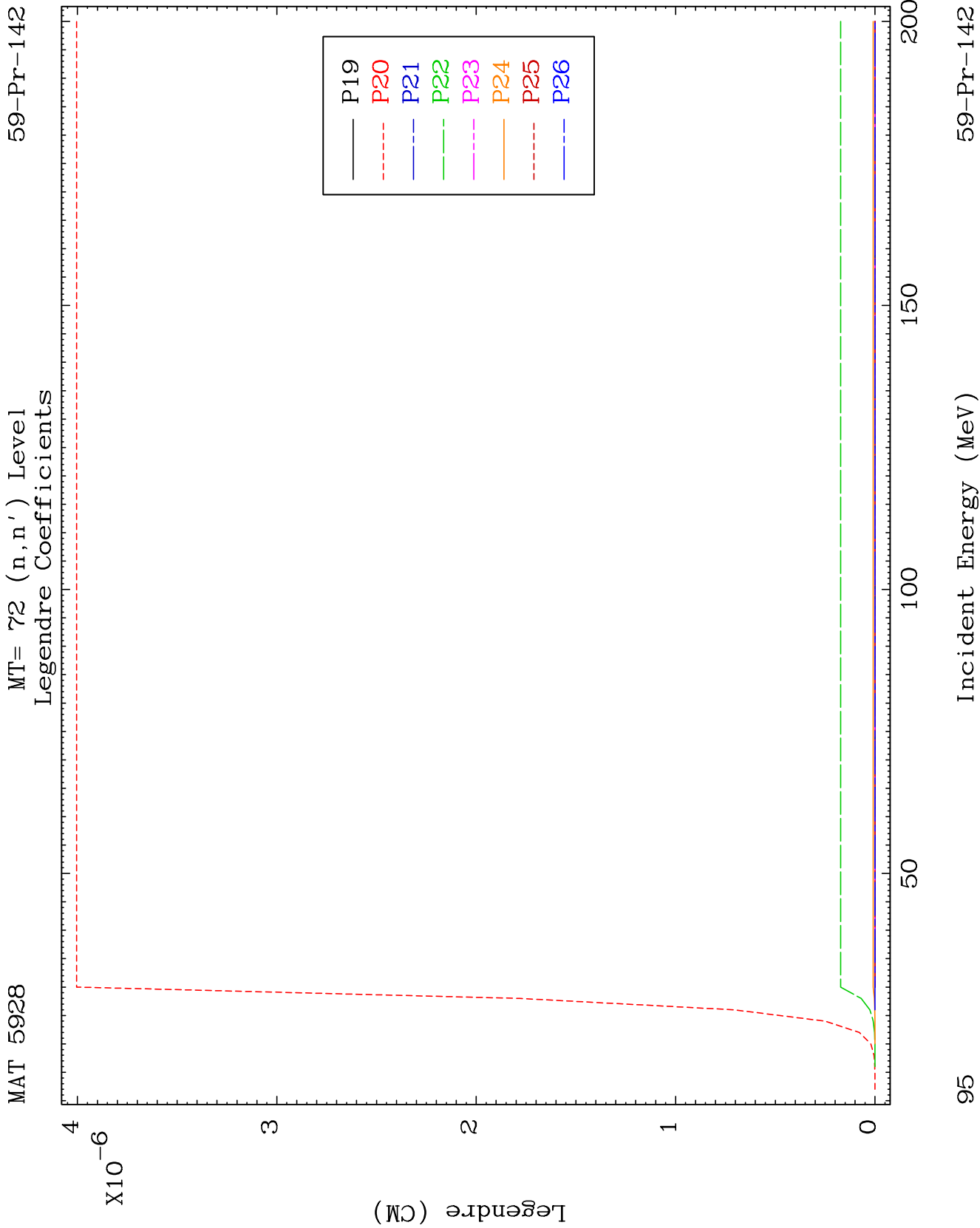


MAT 5928

59-Pr-142

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

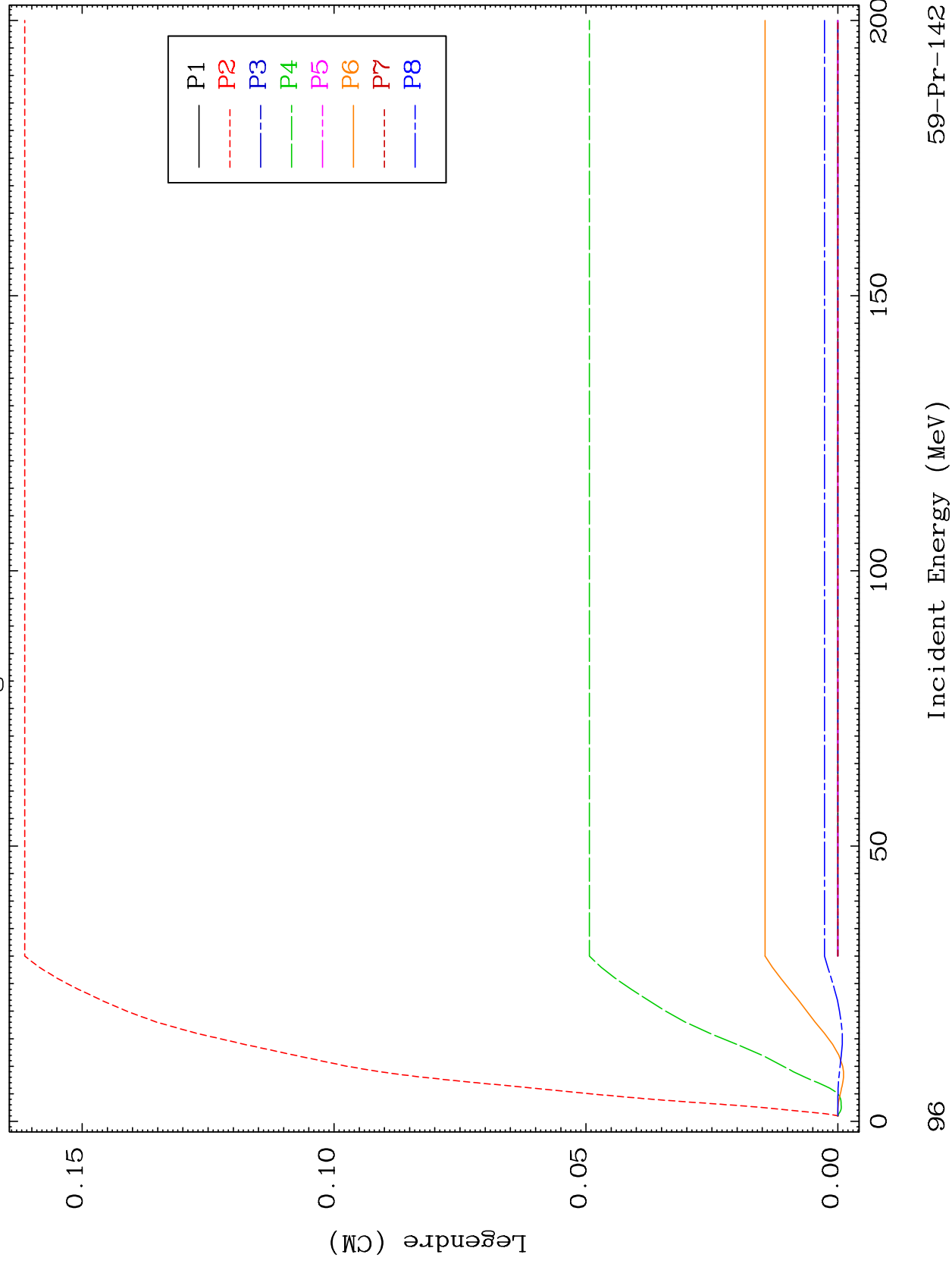


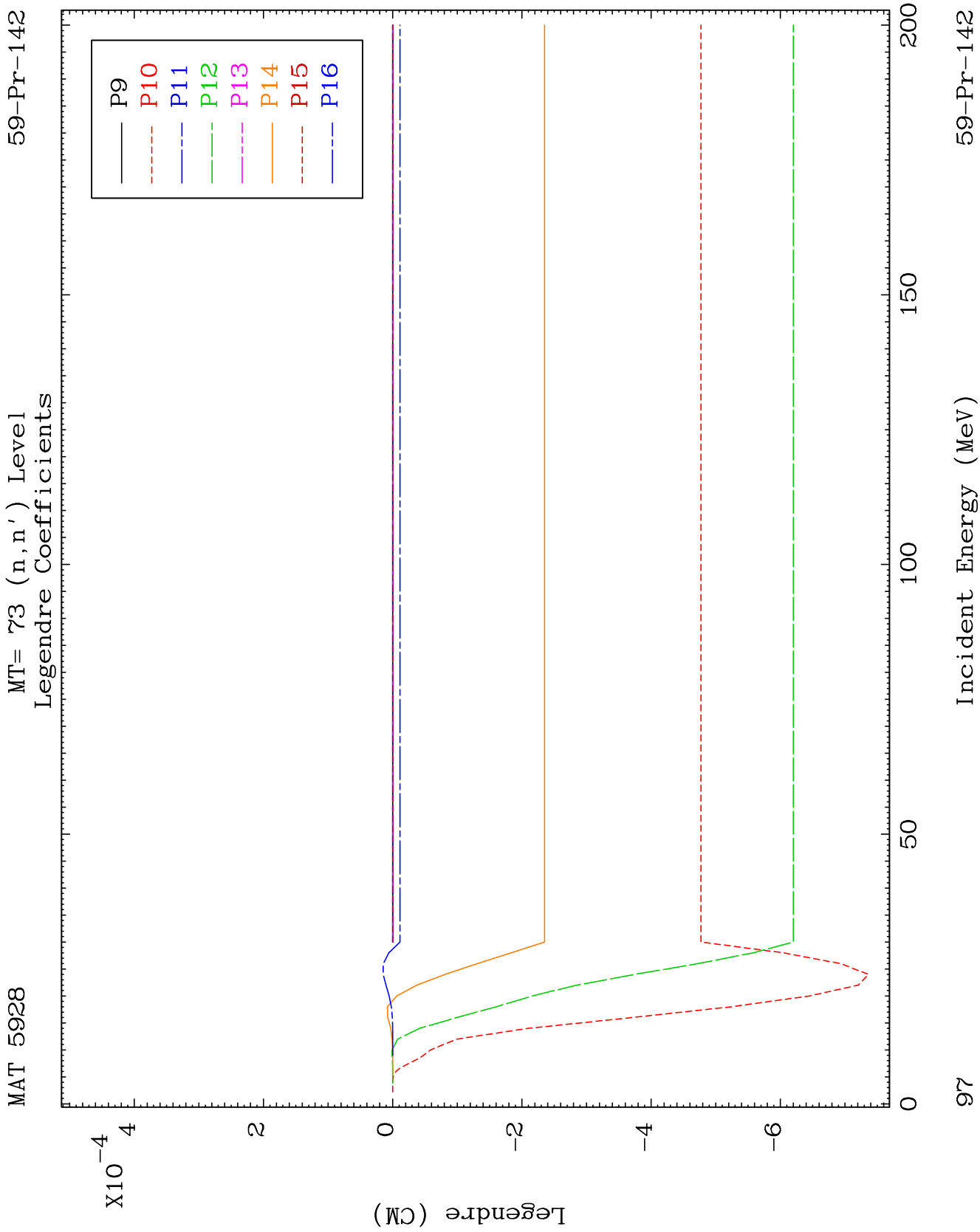


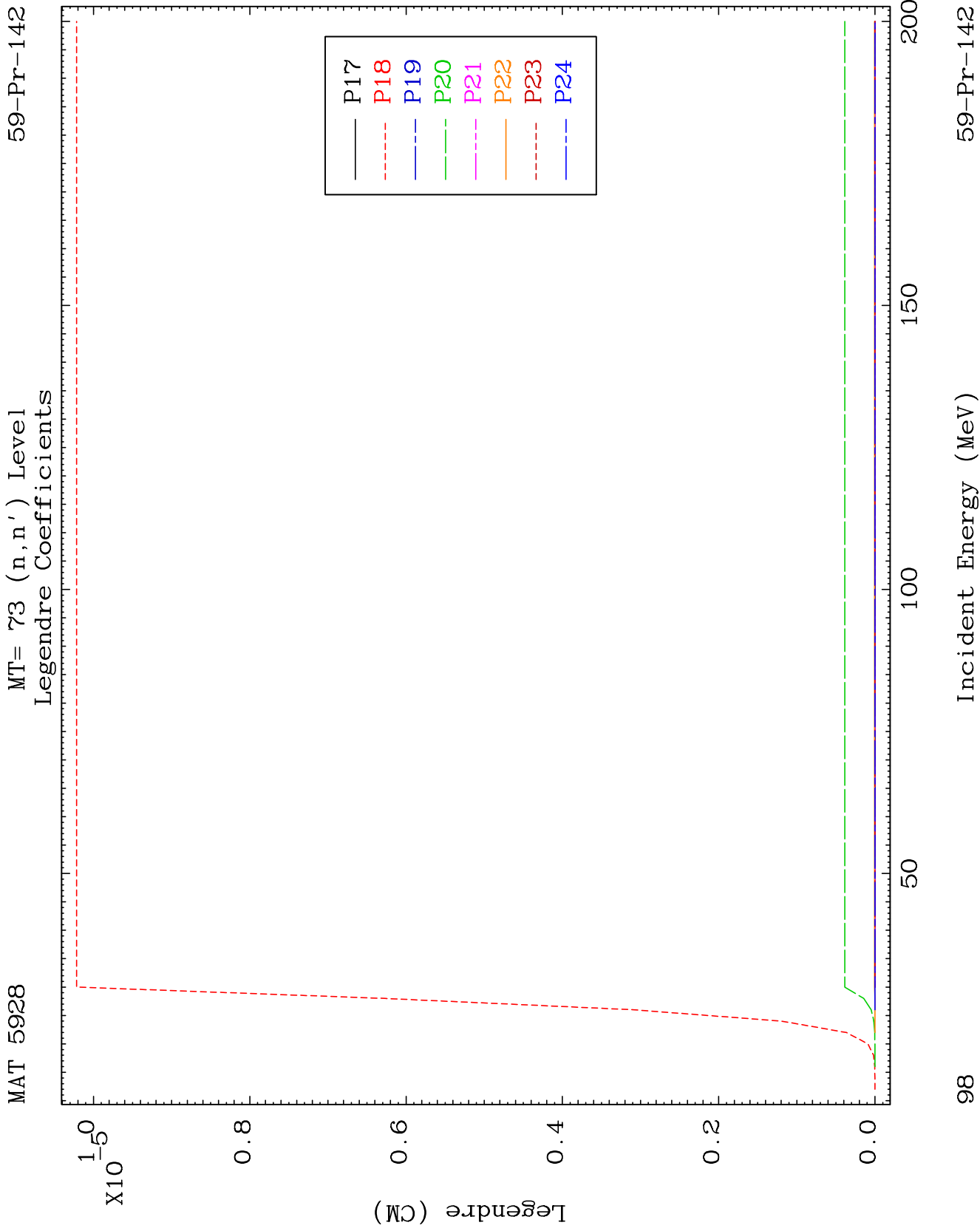
MAT 5928

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

59-Pr-142



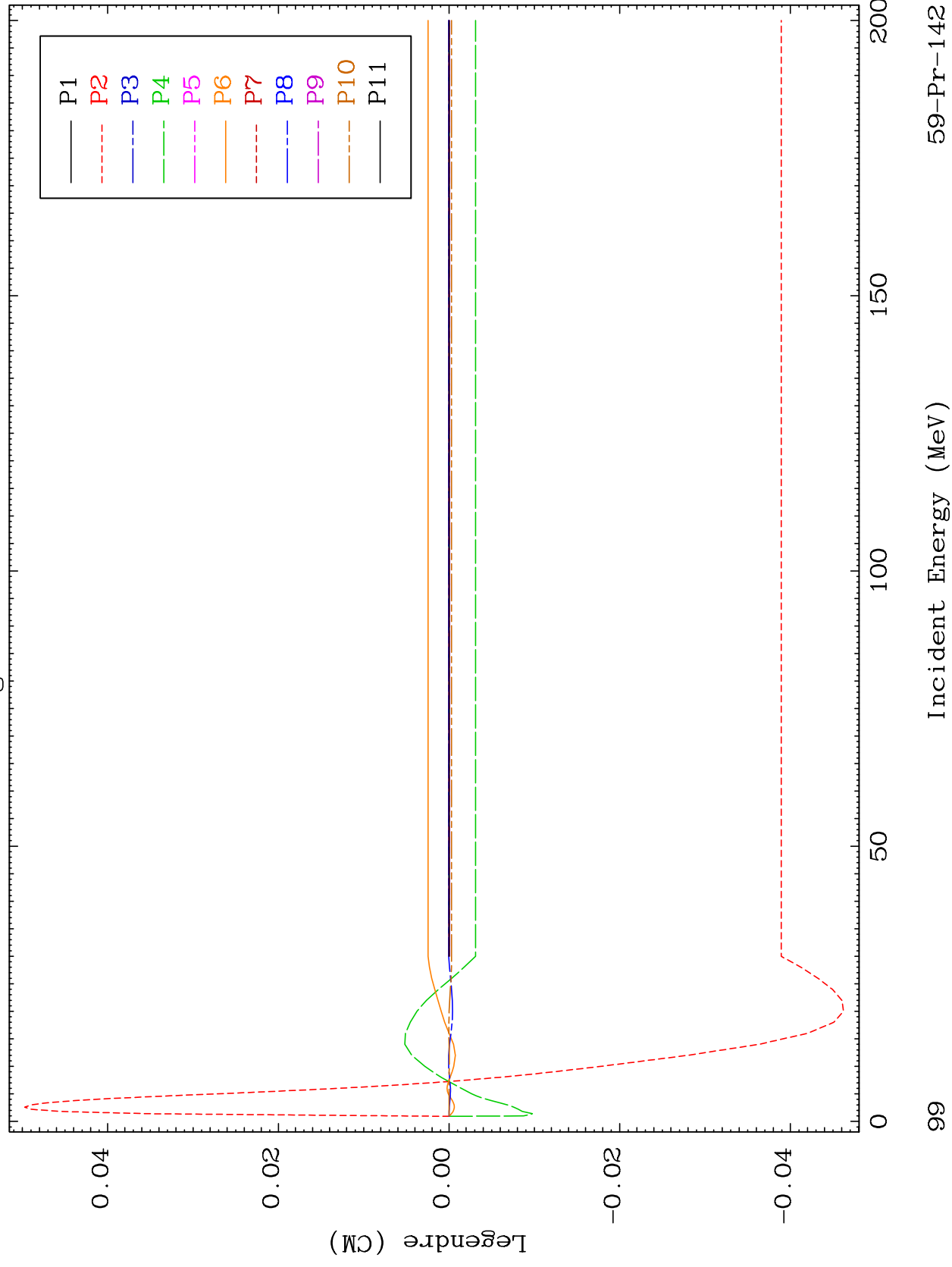


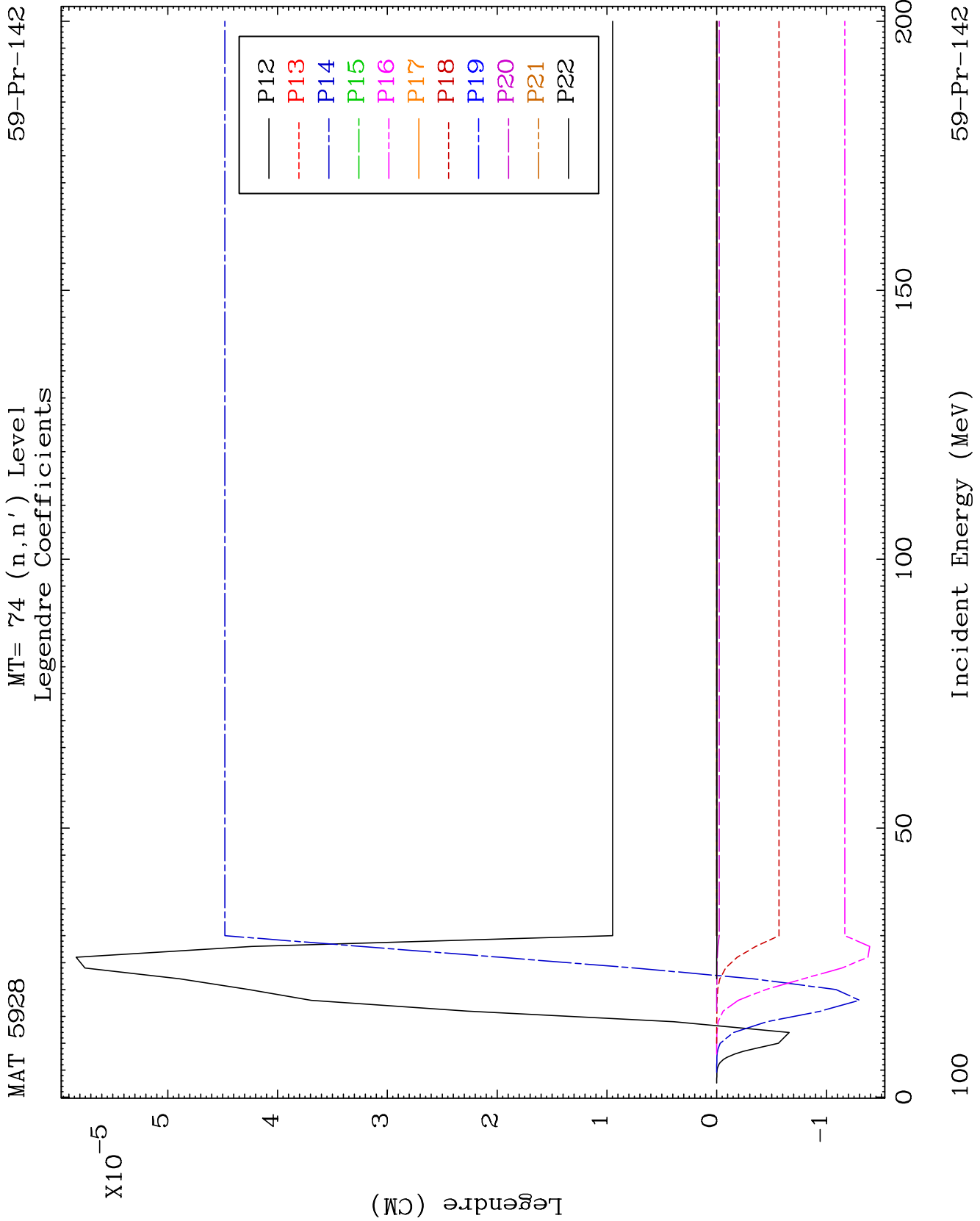


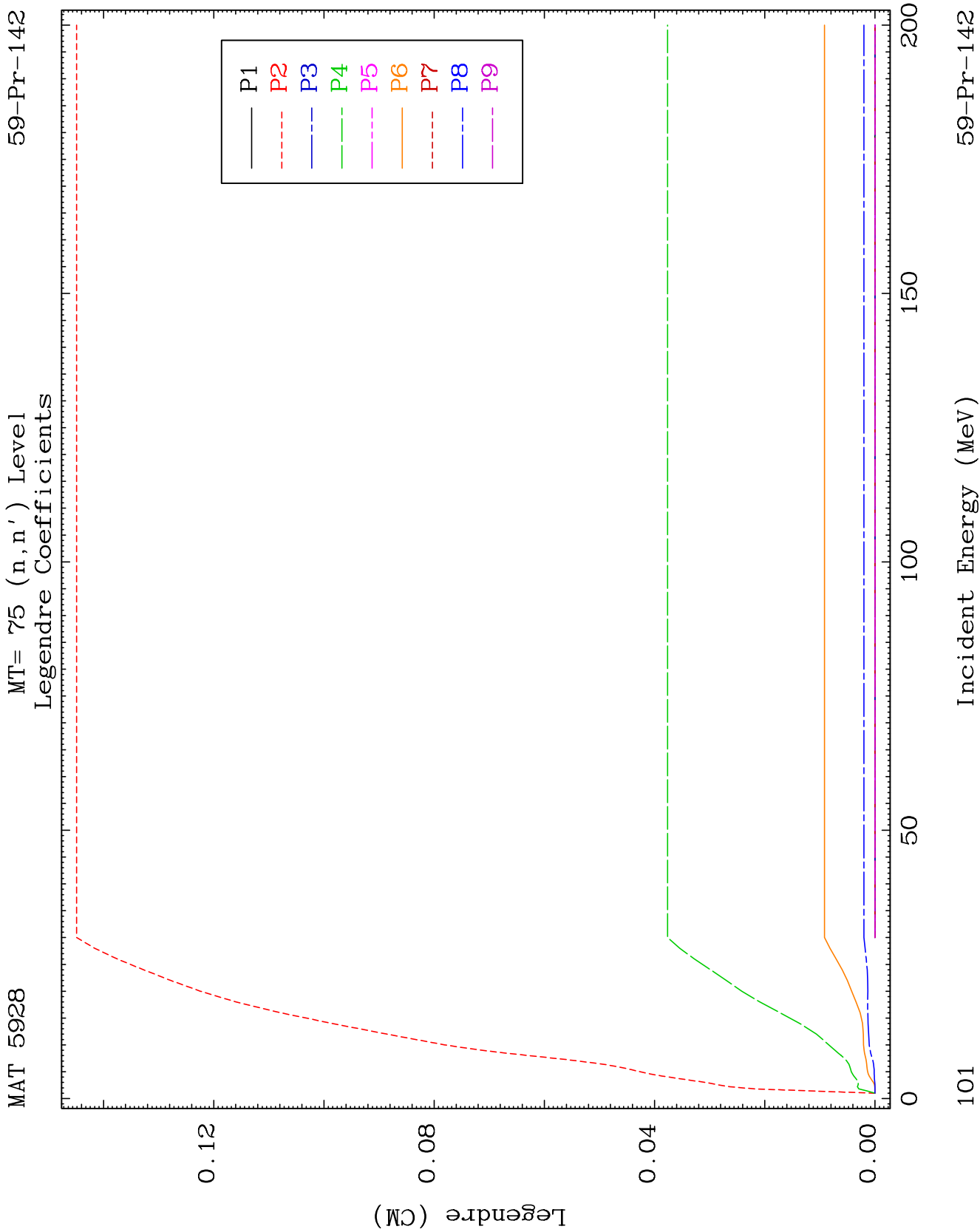
MAT 5928

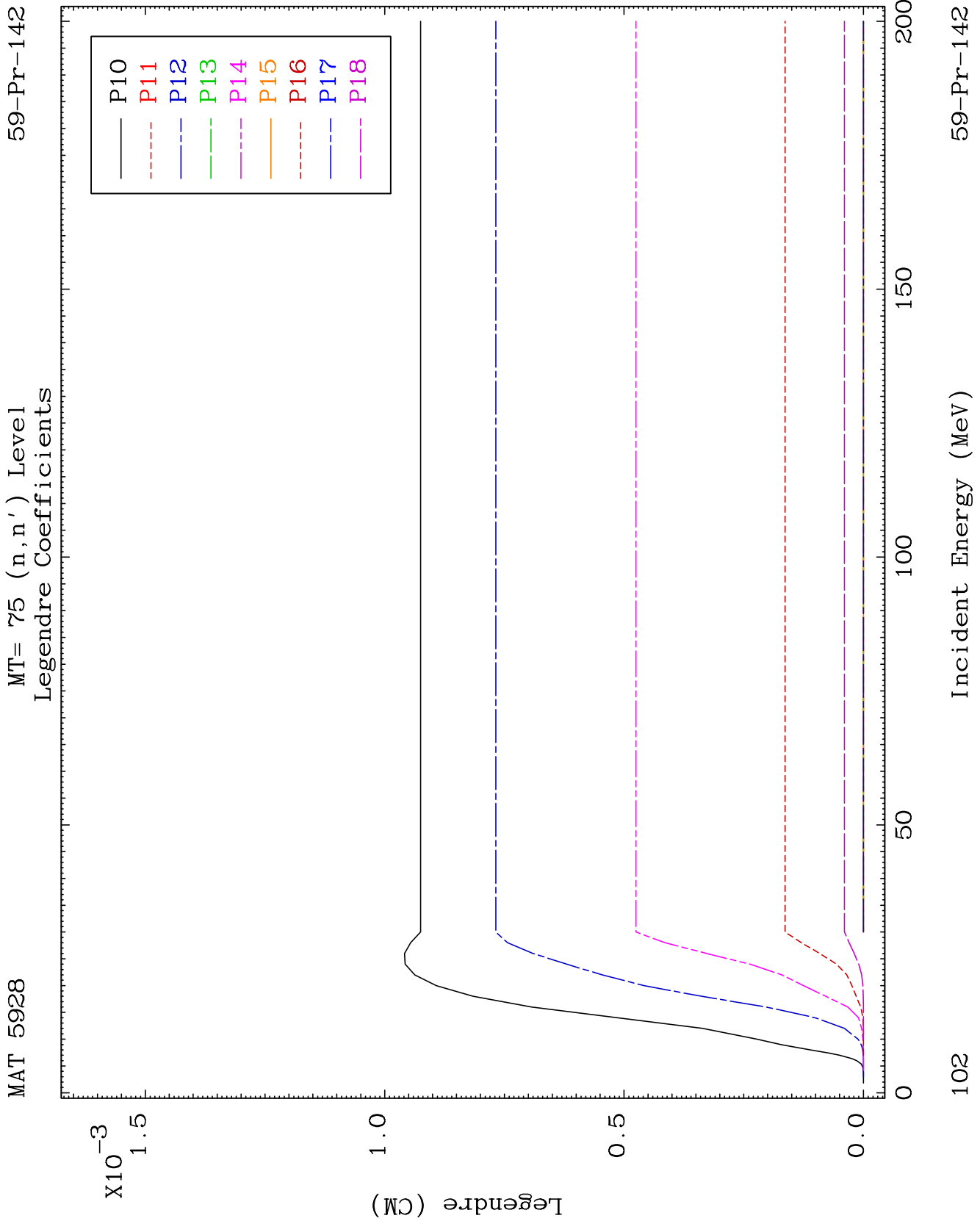
MT= 74 (n, n') Level
Legendre Coefficients

59-Pr-142





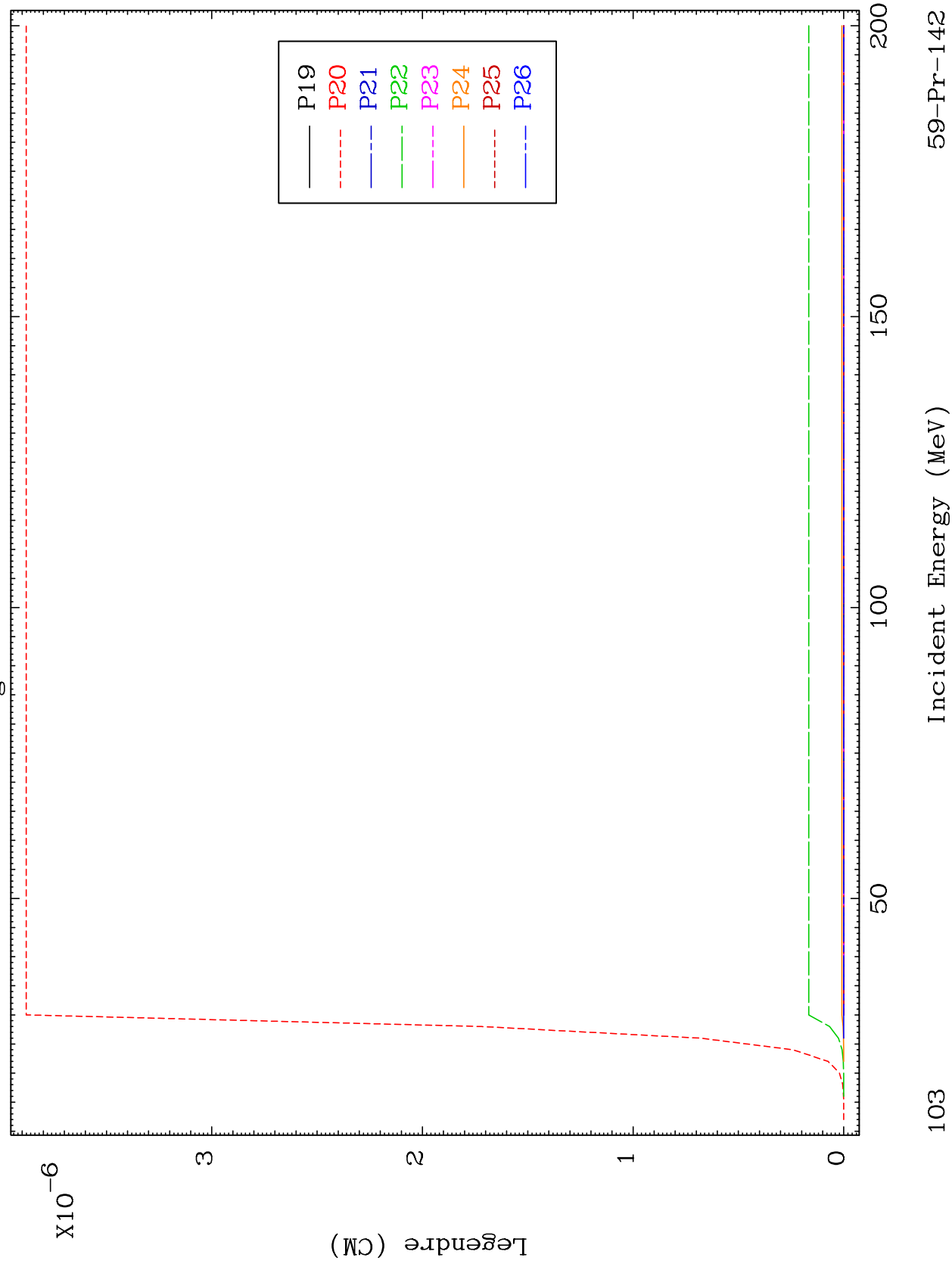


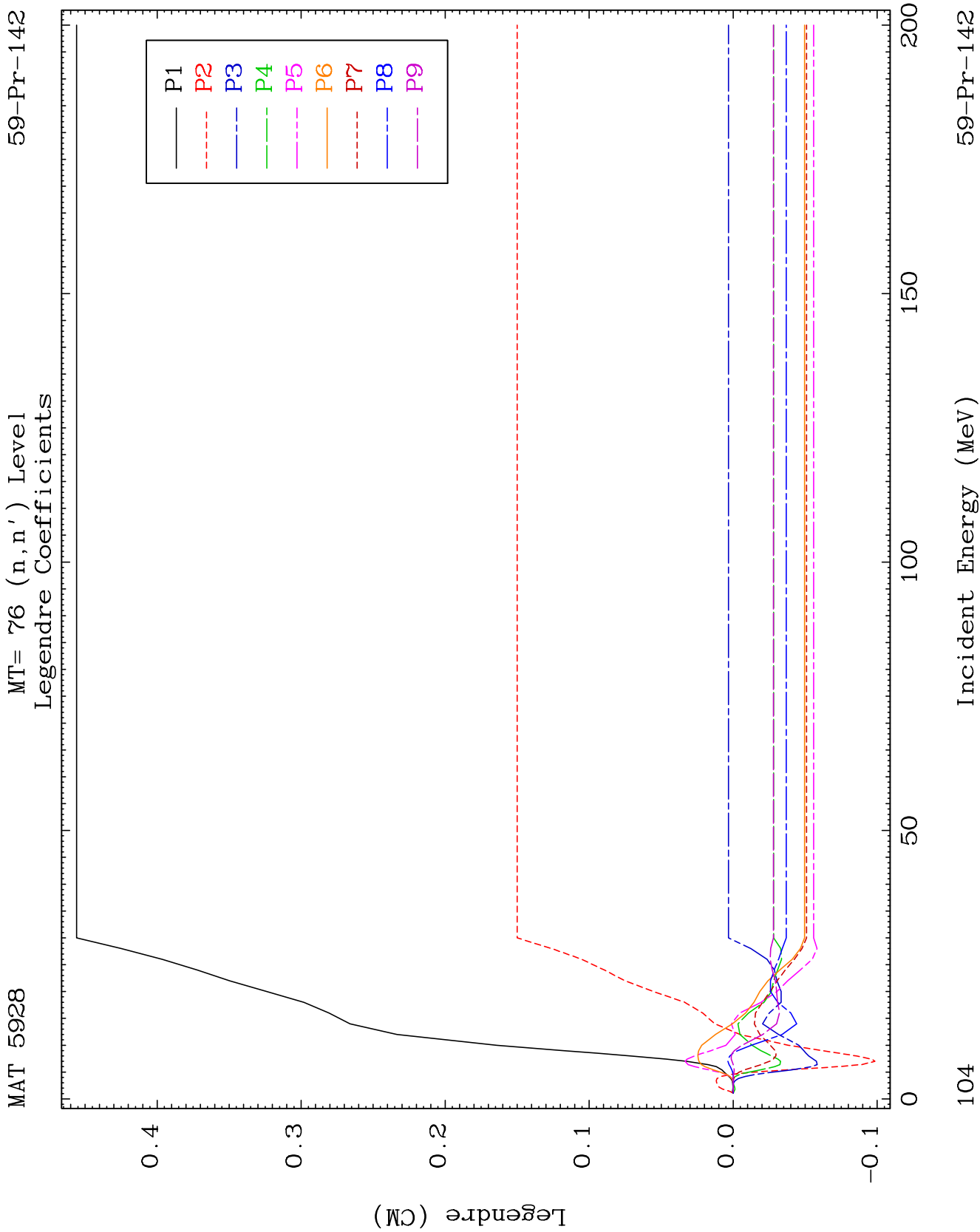


MAT 5928

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

59-Pr-142

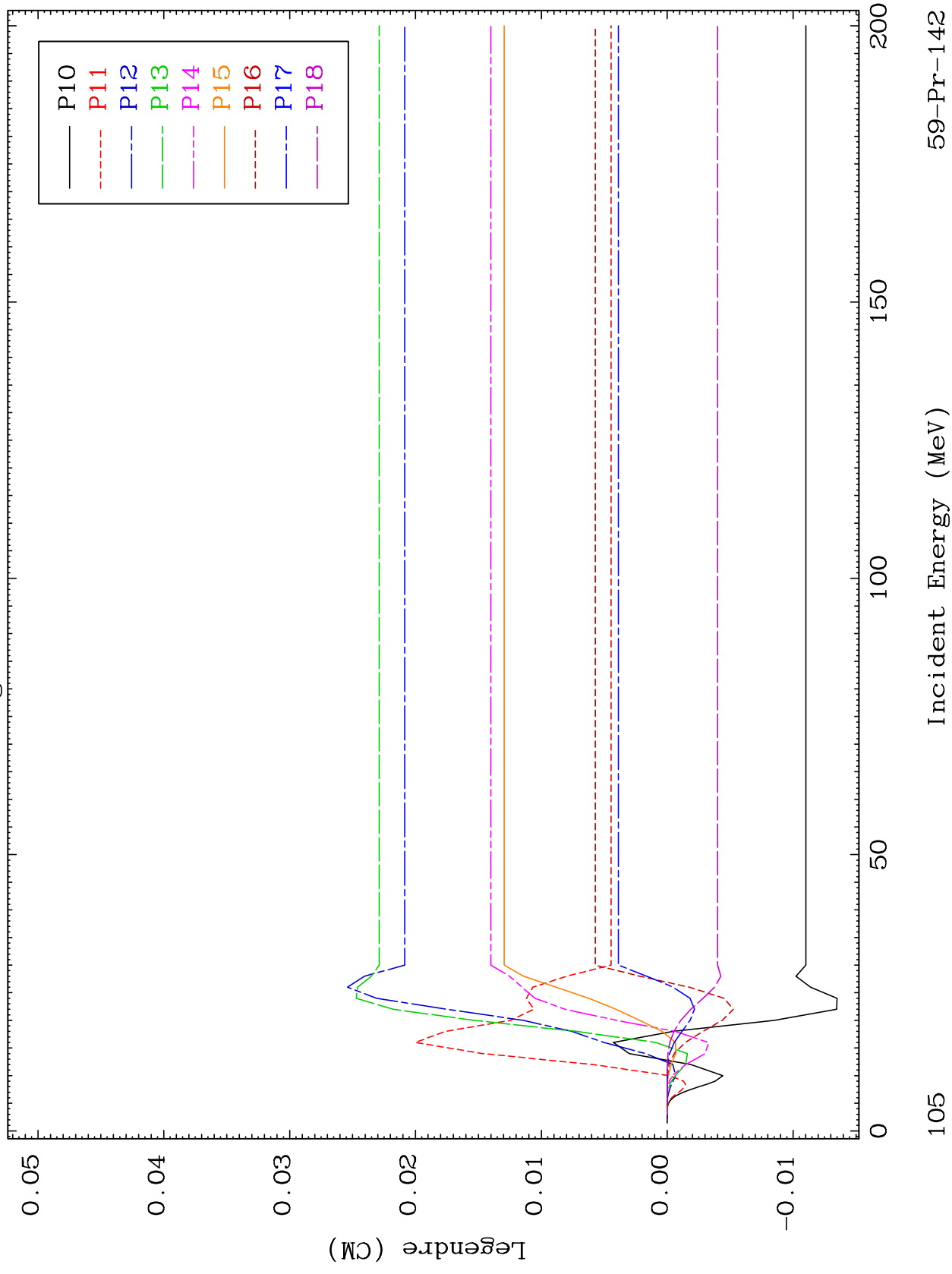


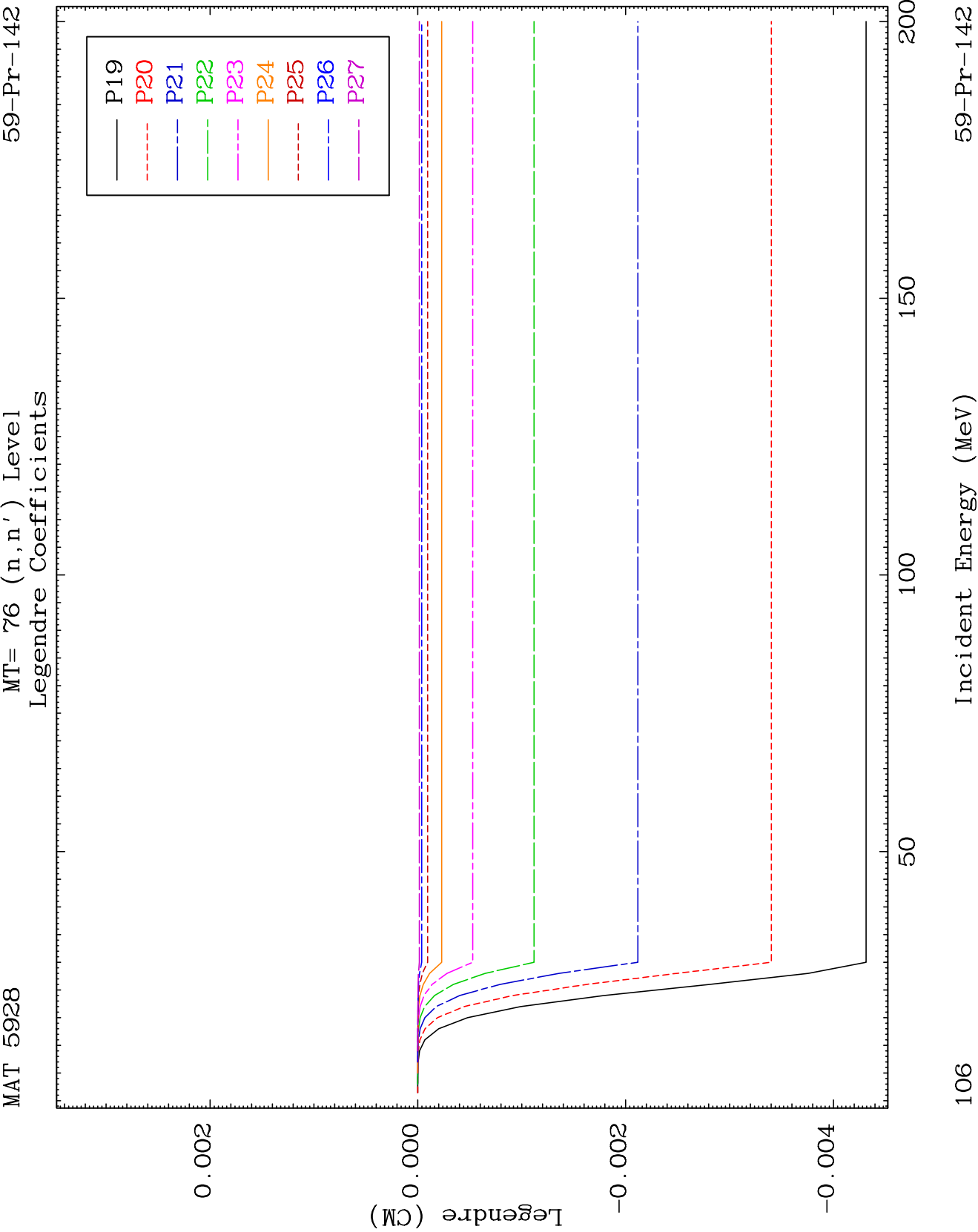


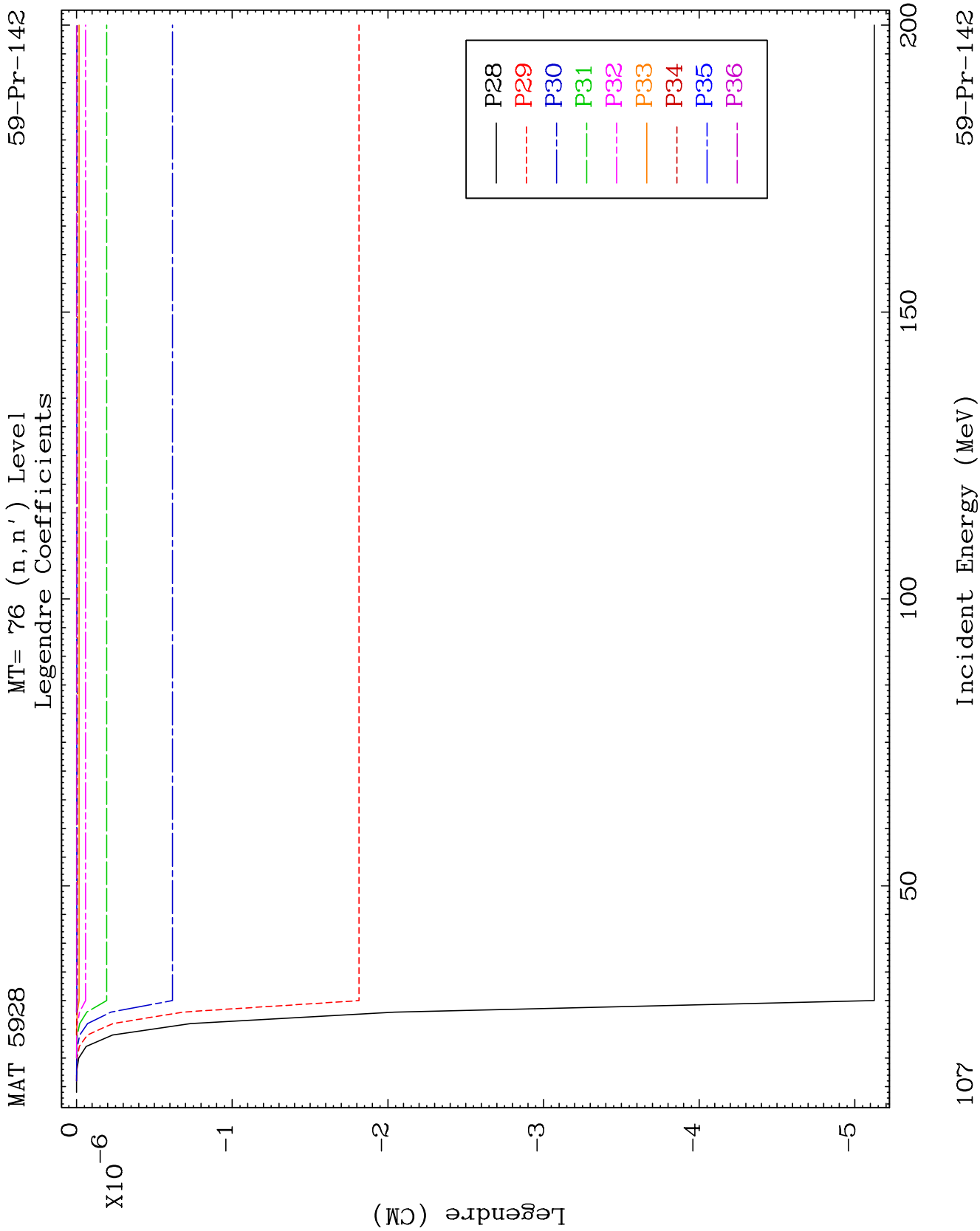
MAT 5928

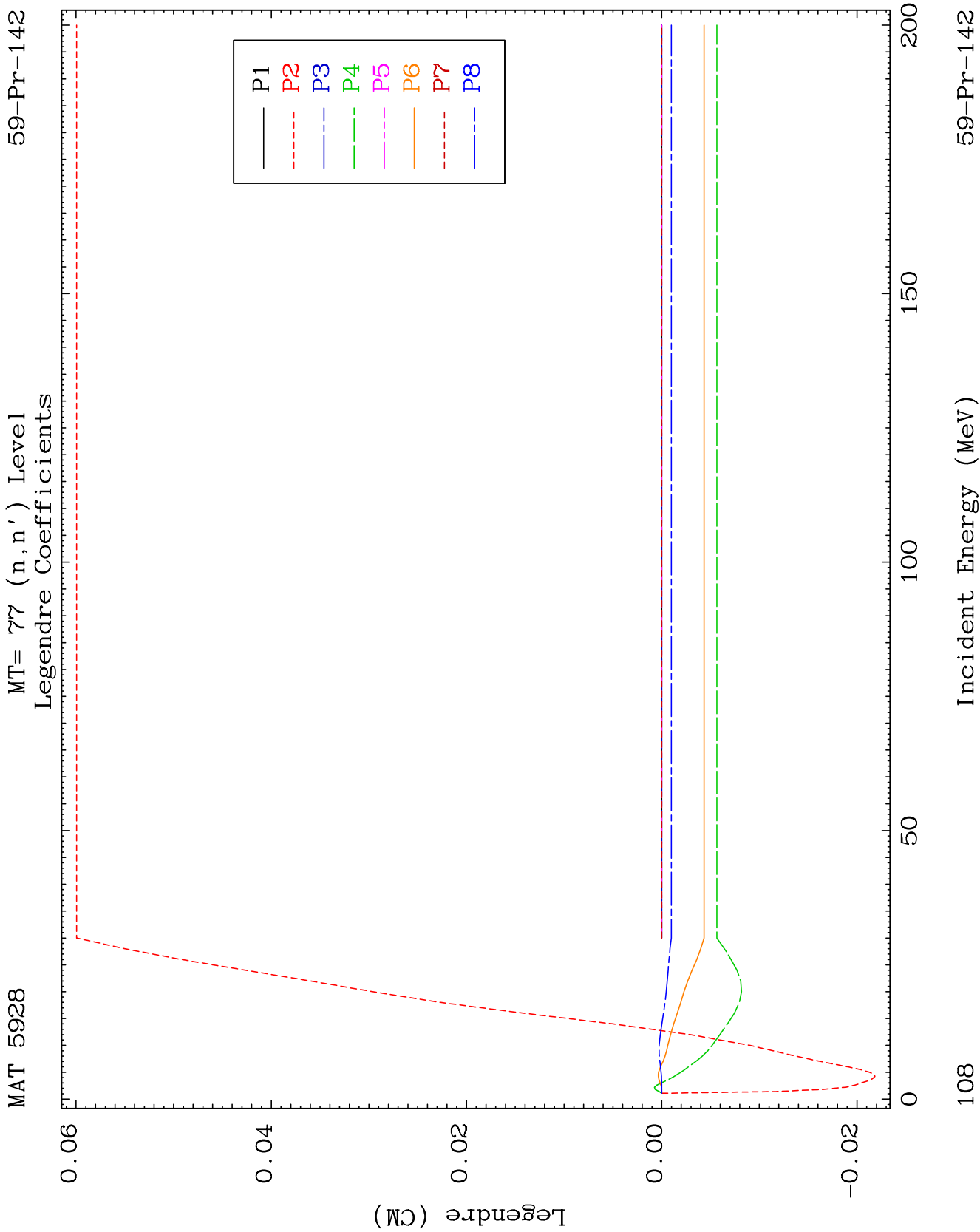
MT= 76 (n, n') Level
Legendre Coefficients

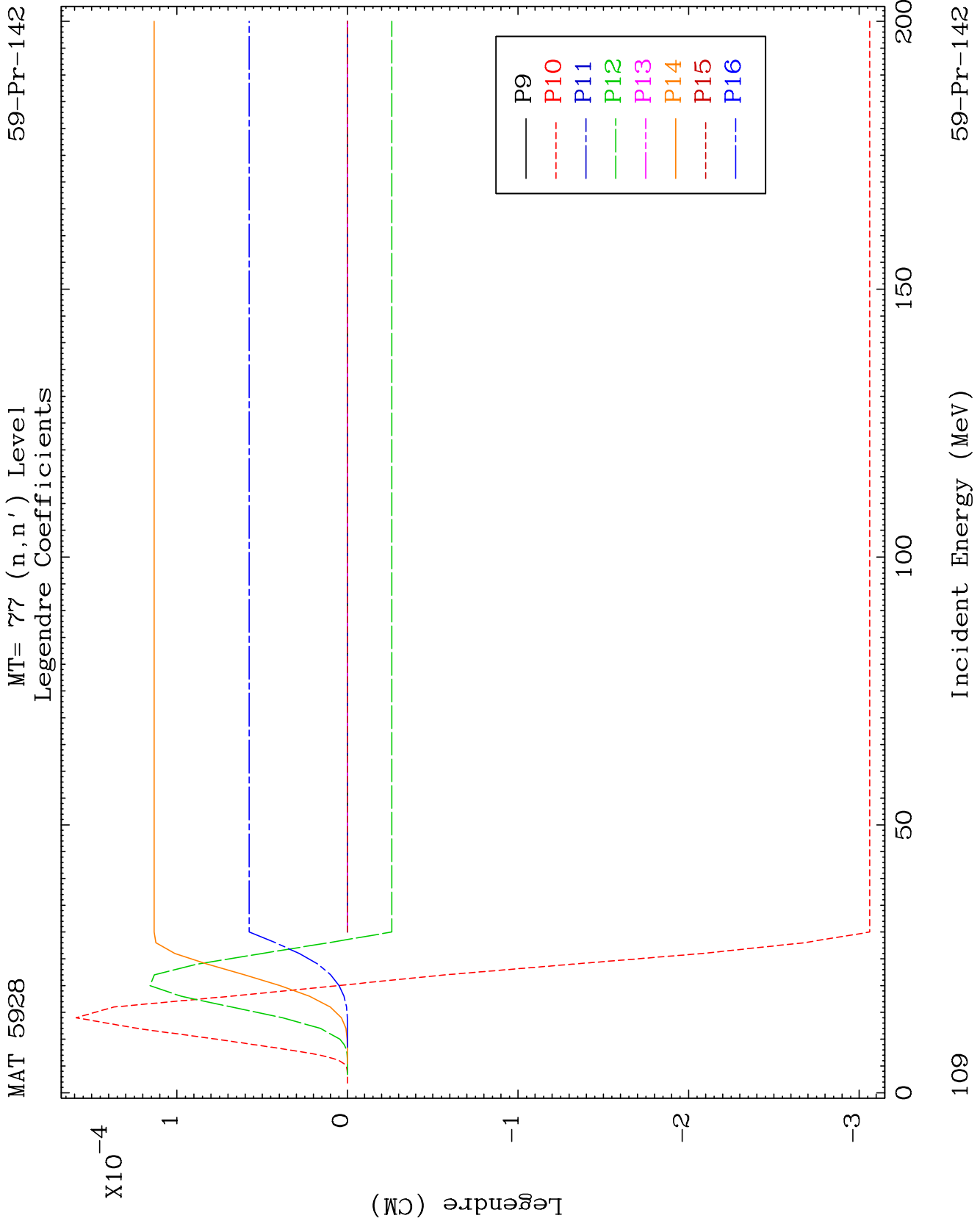
59-Pr-142







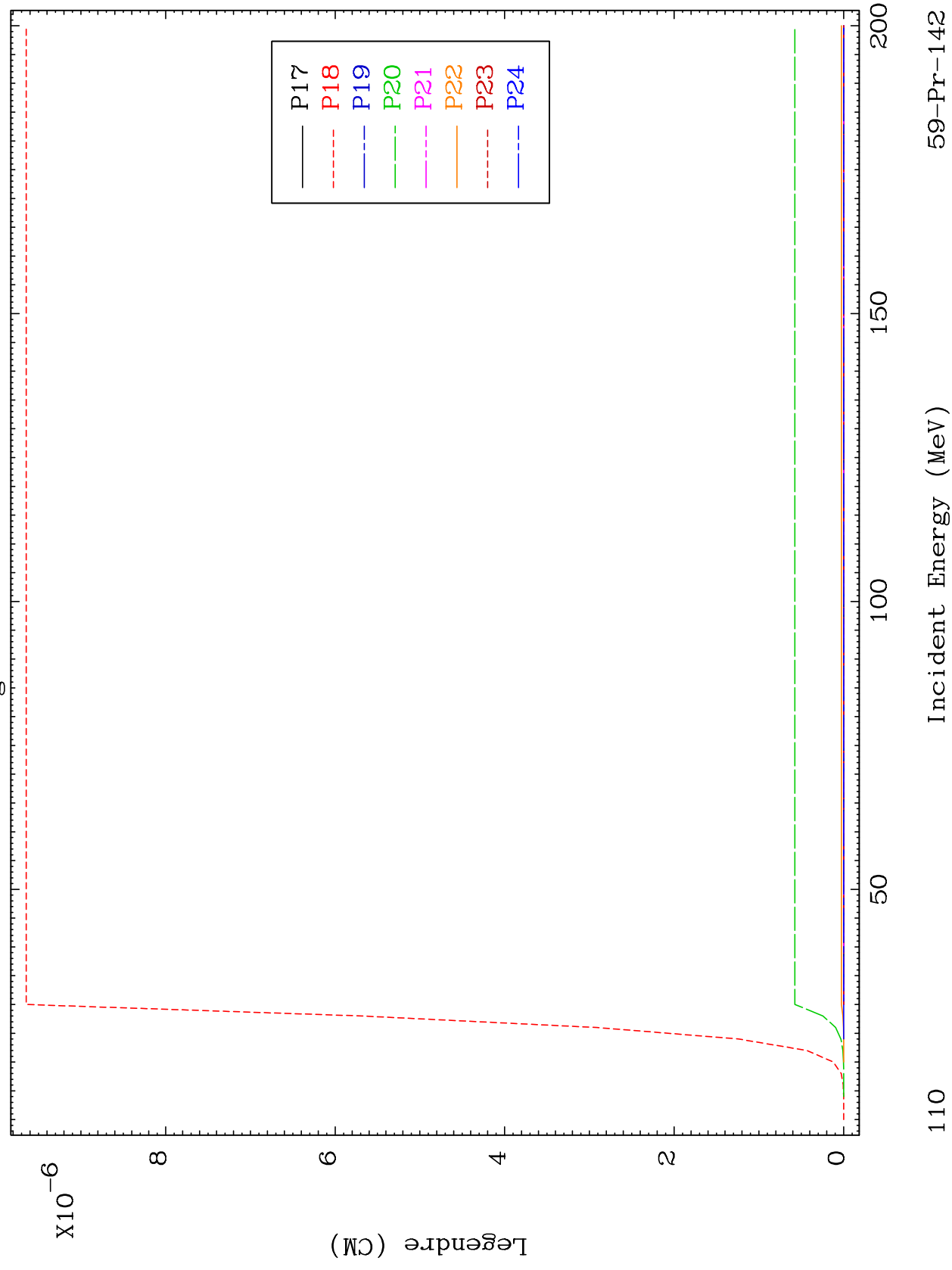




MAT 5928

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

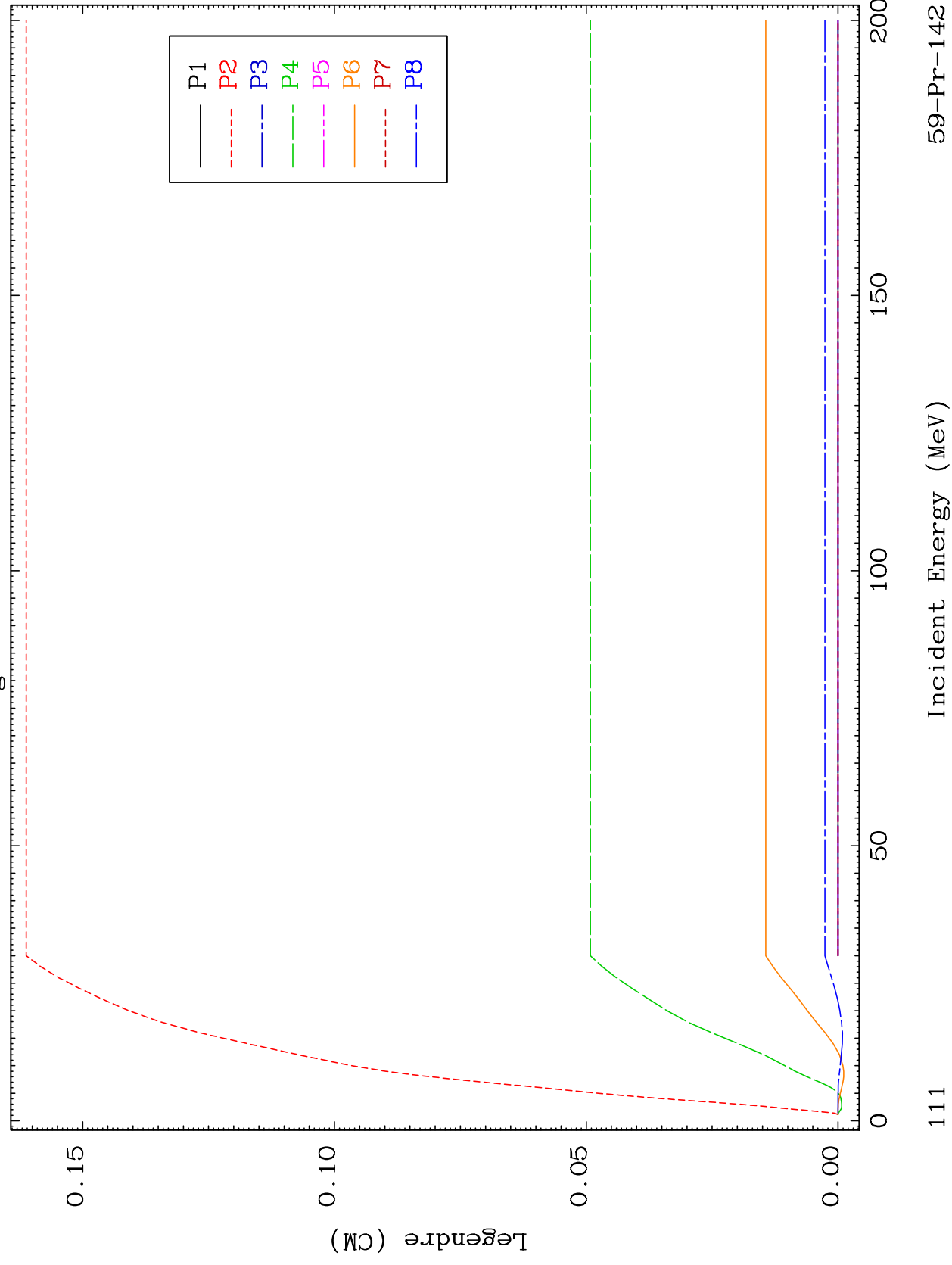
59-Pr-142



MAT 5928

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

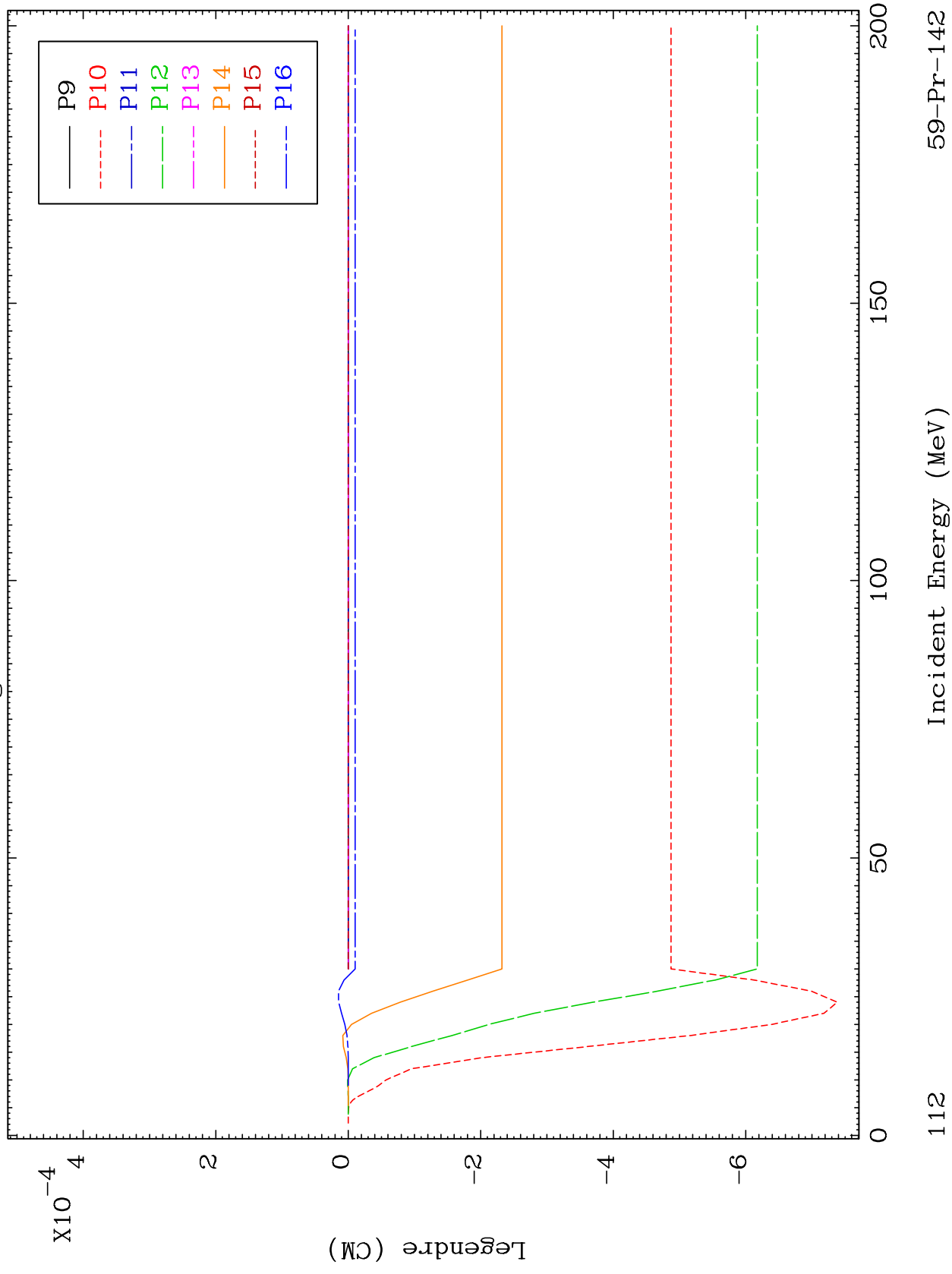
59-Pr-142

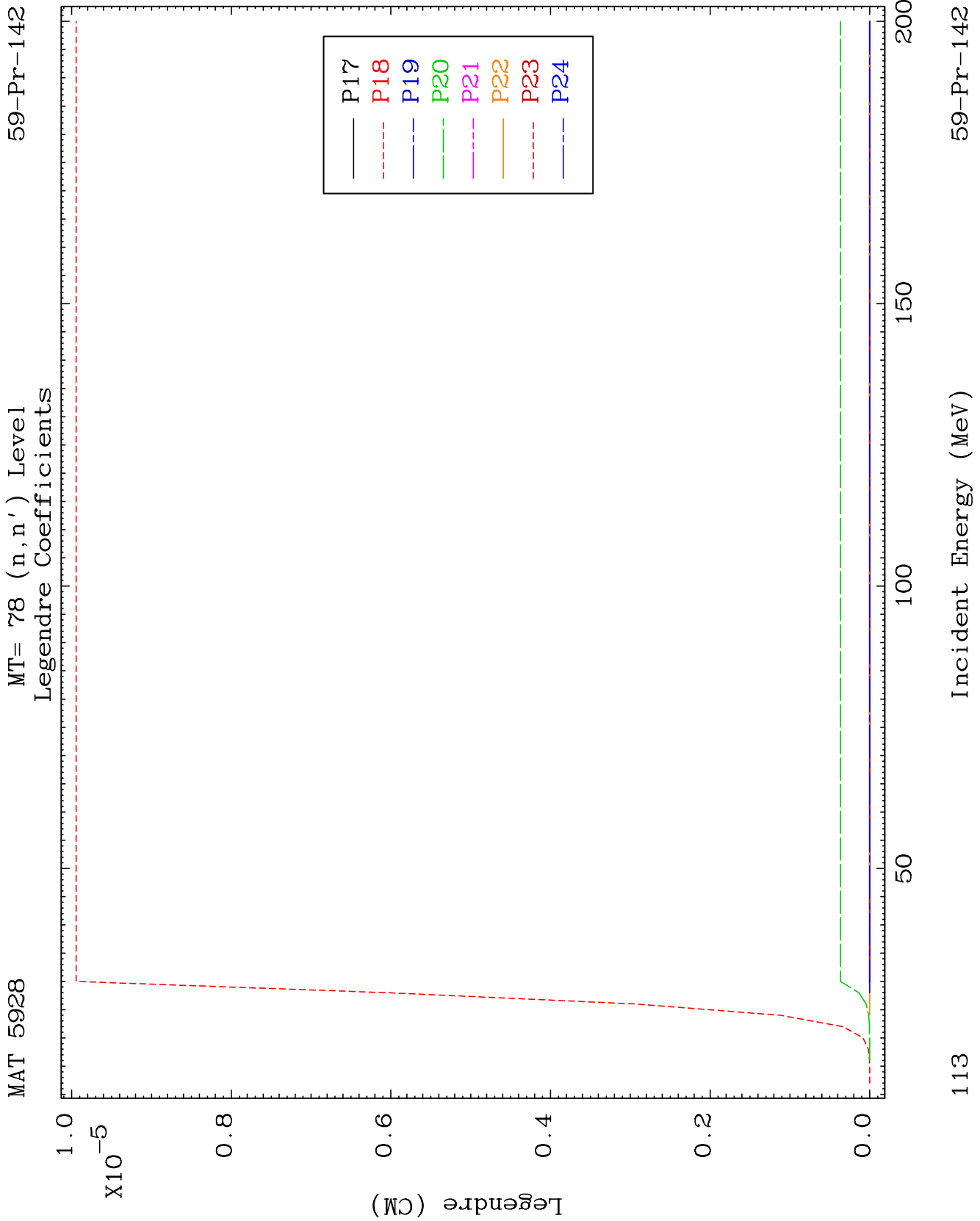


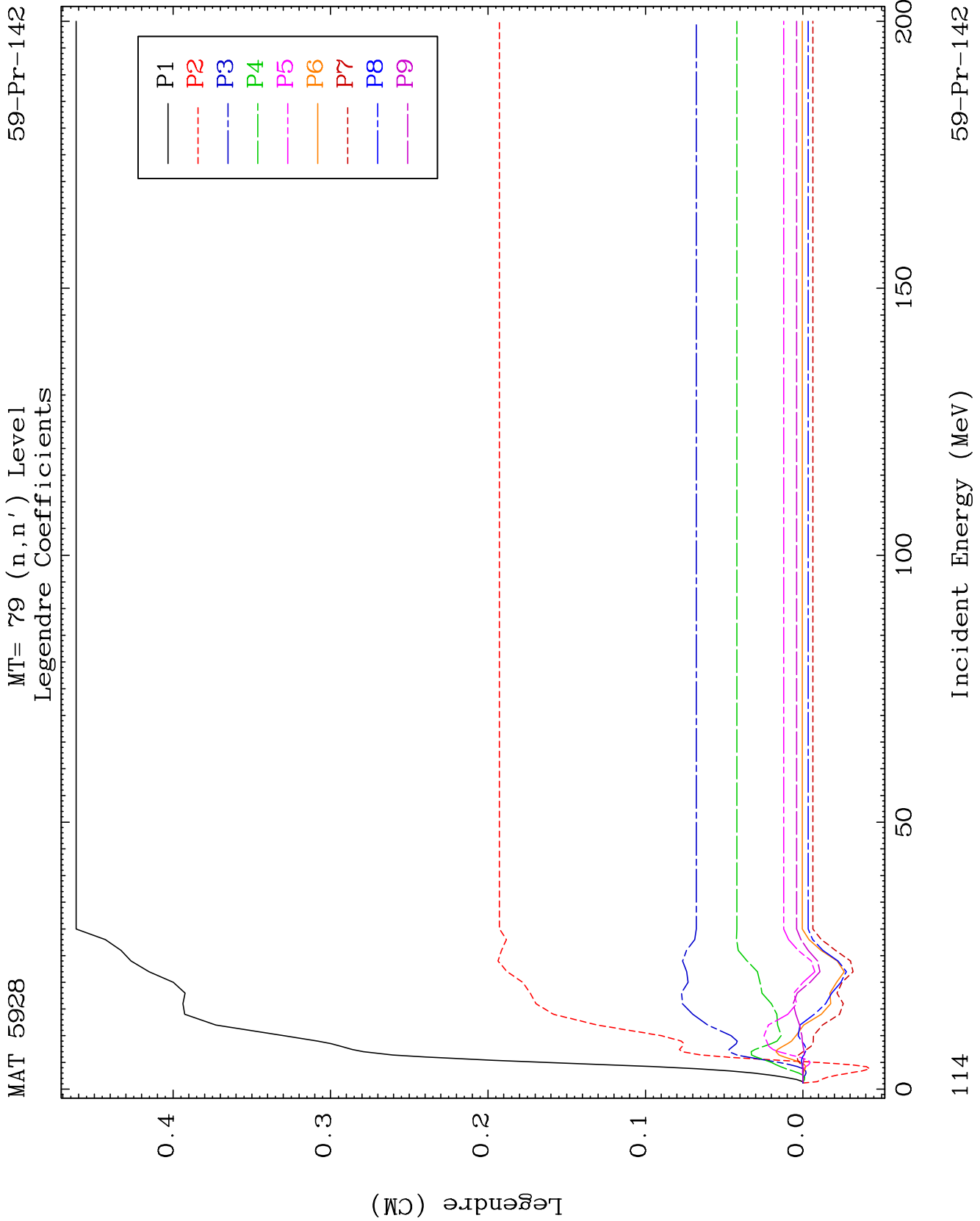
MAT 5928

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

59-Pr-142



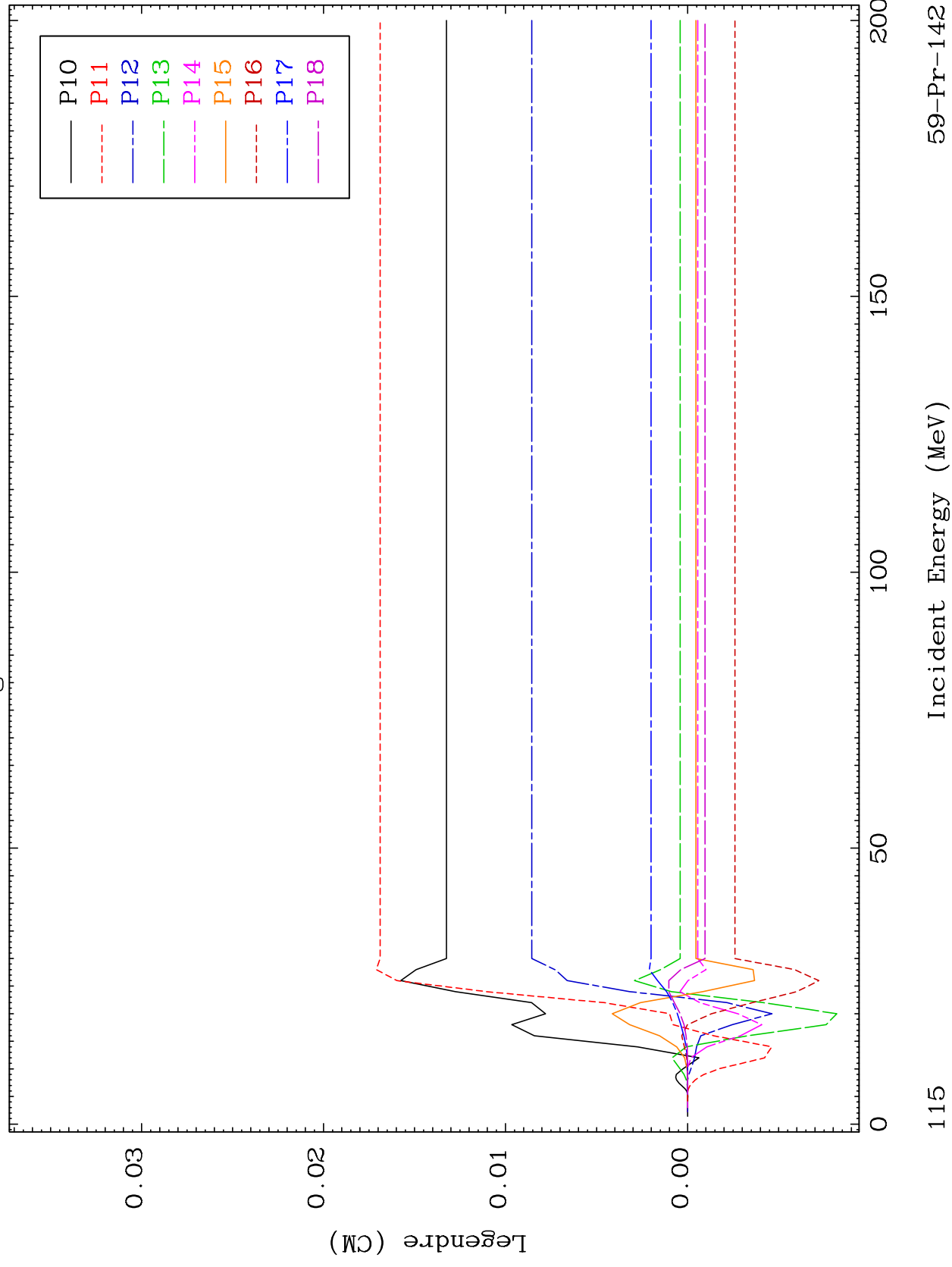


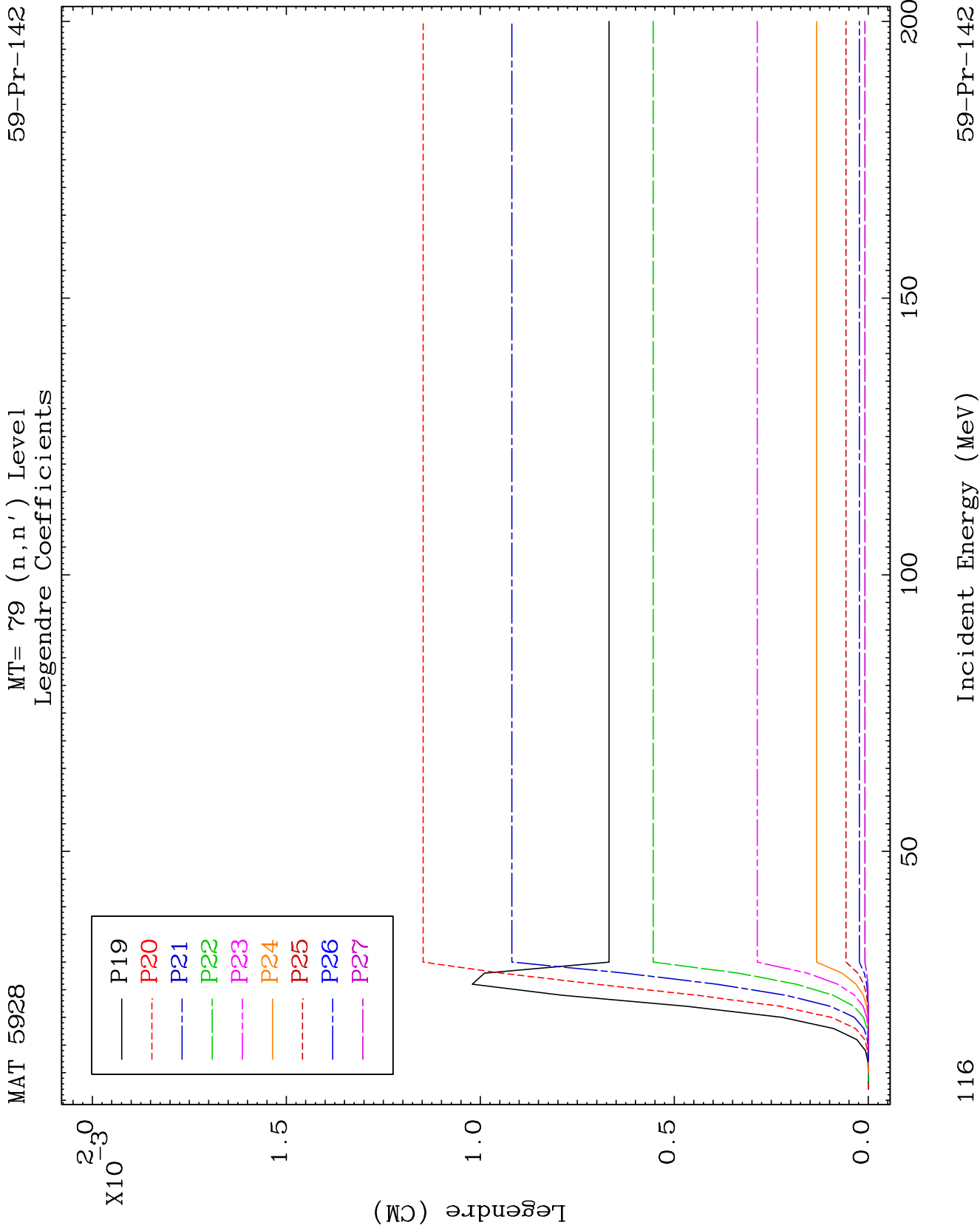


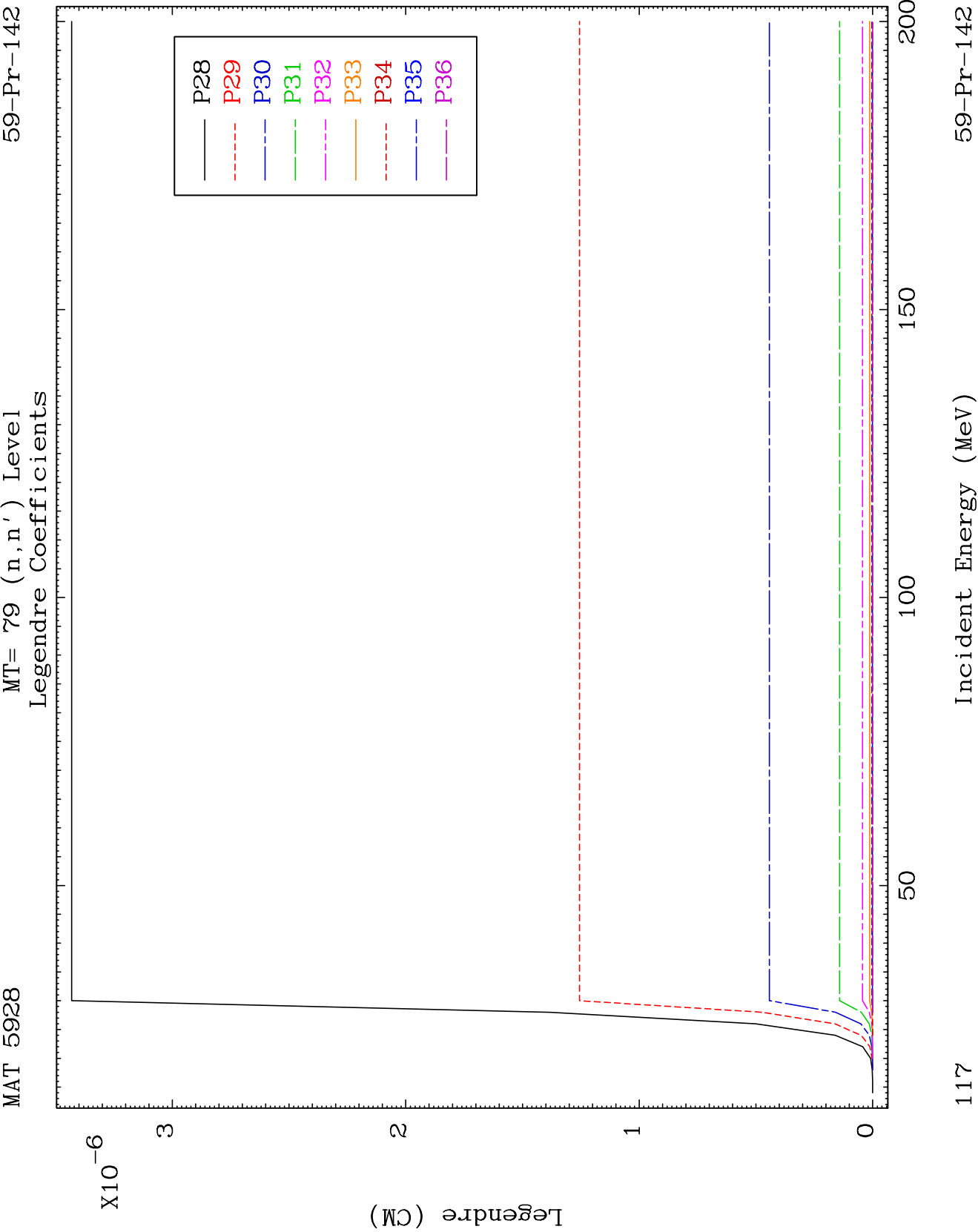
MAT 5928

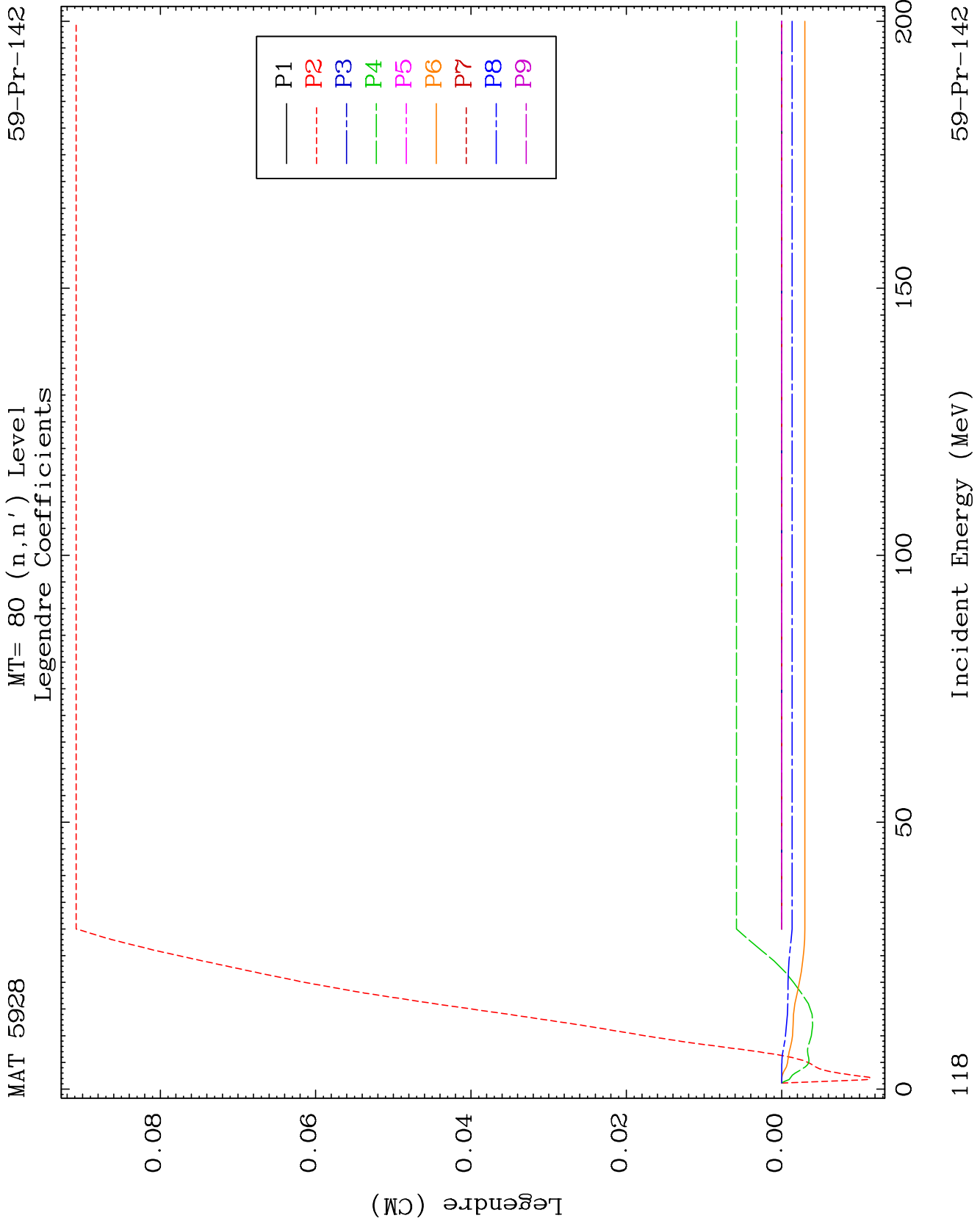
MT= 79 (n, n') Level
Legendre Coefficients

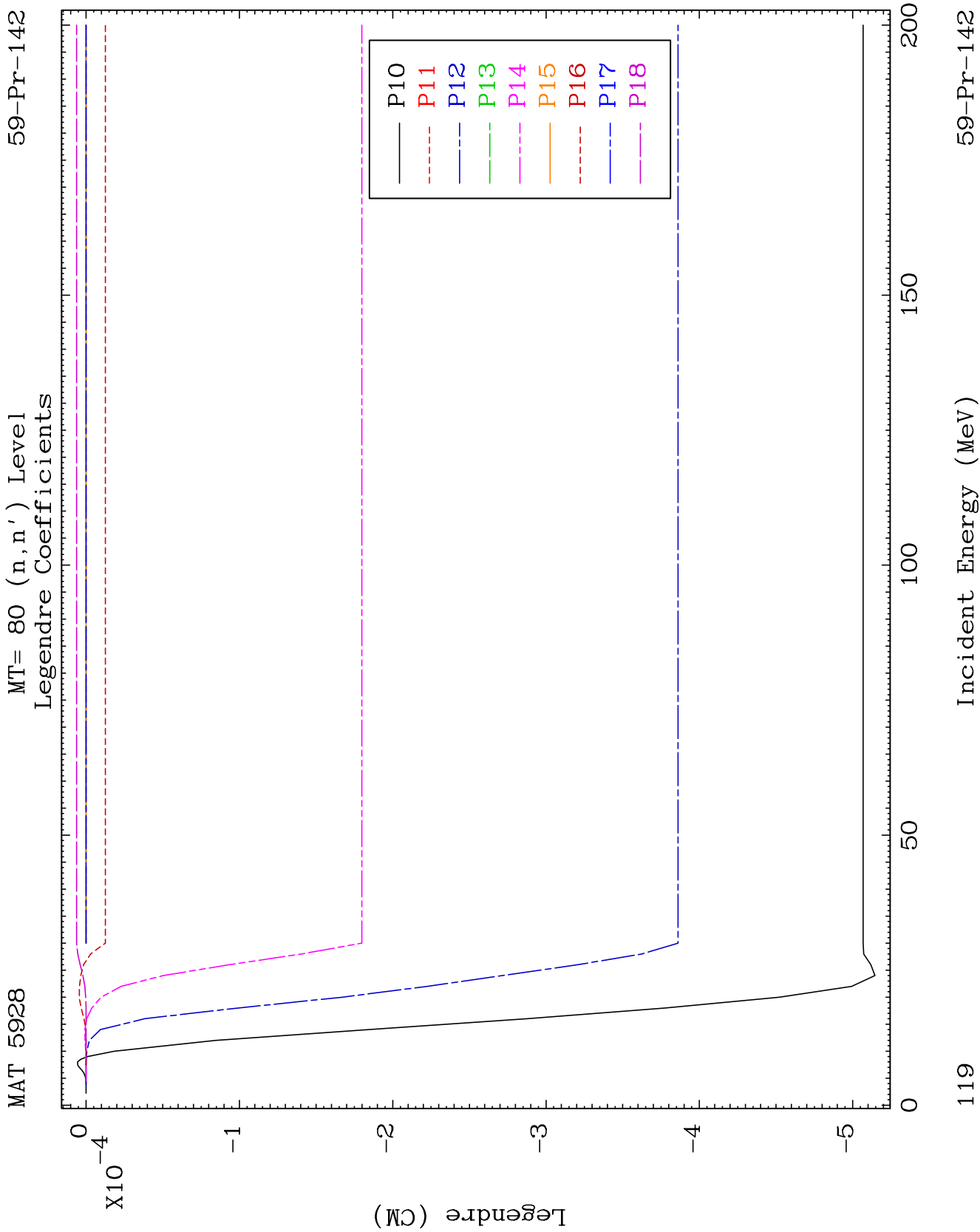
59-Pr-142







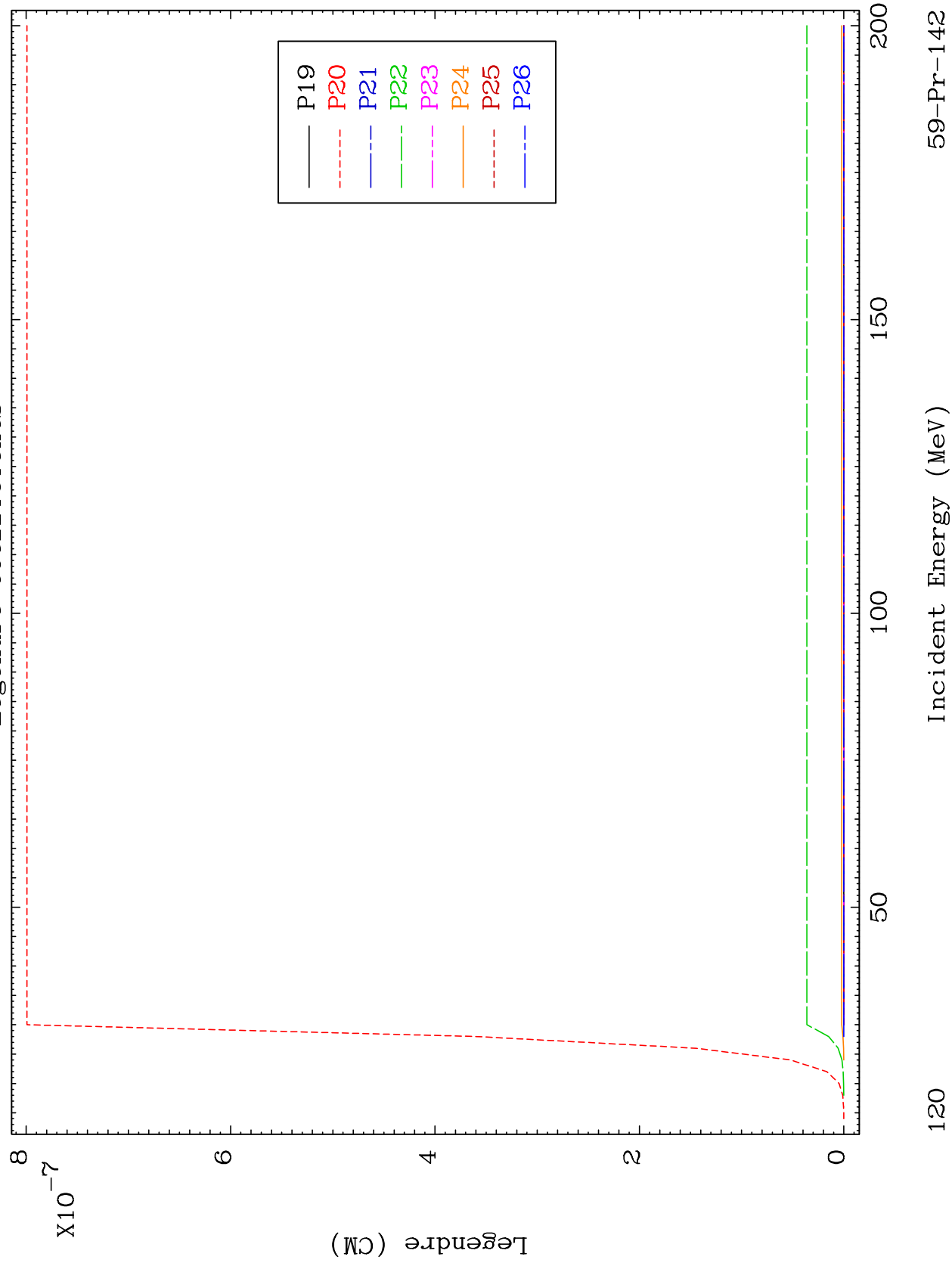




MAT 5928

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

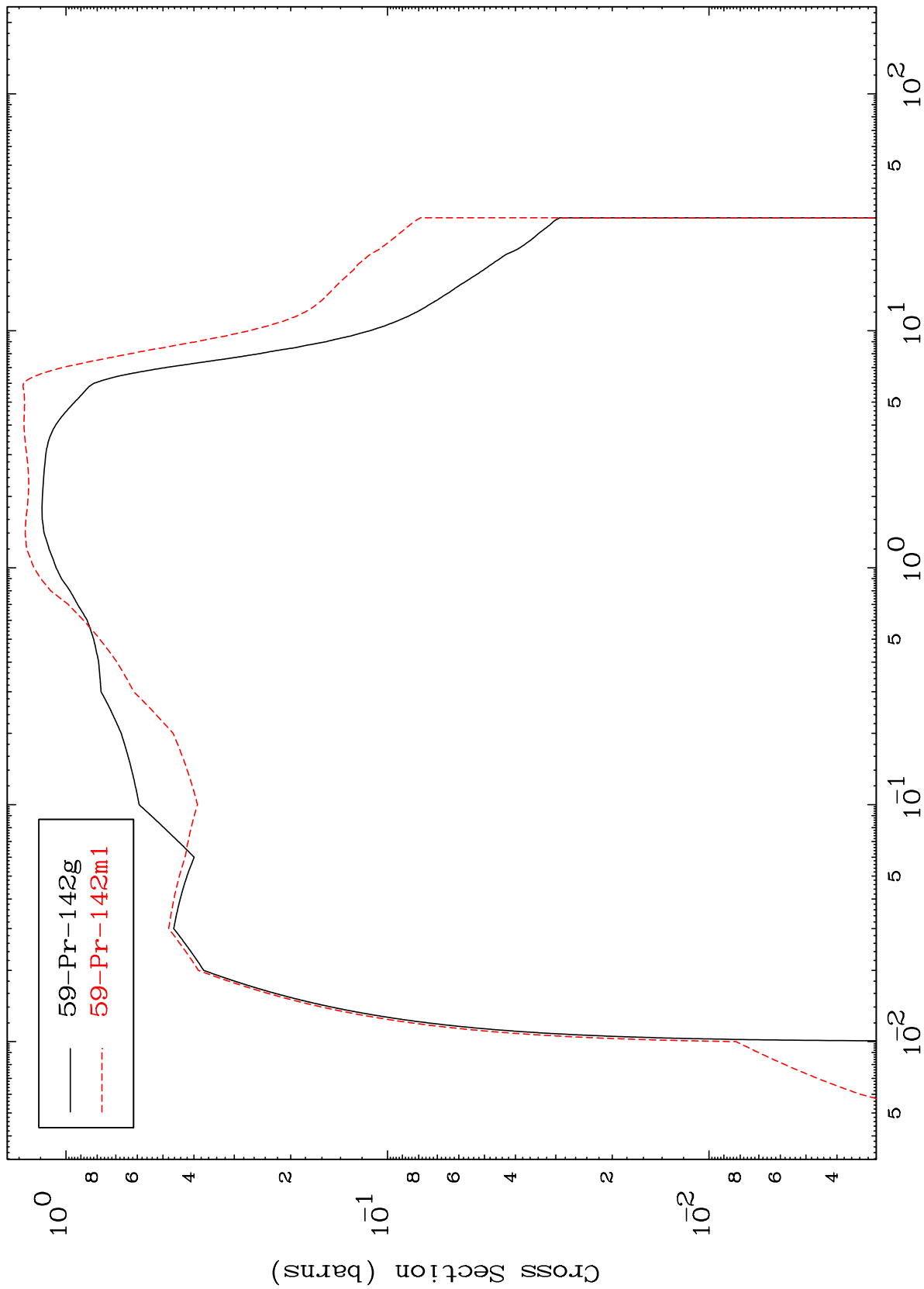
59-Pr-142



MAT 5928

59-Pr-142

Inelastic
Radionuclide Production Cross Section



59-Pr-142

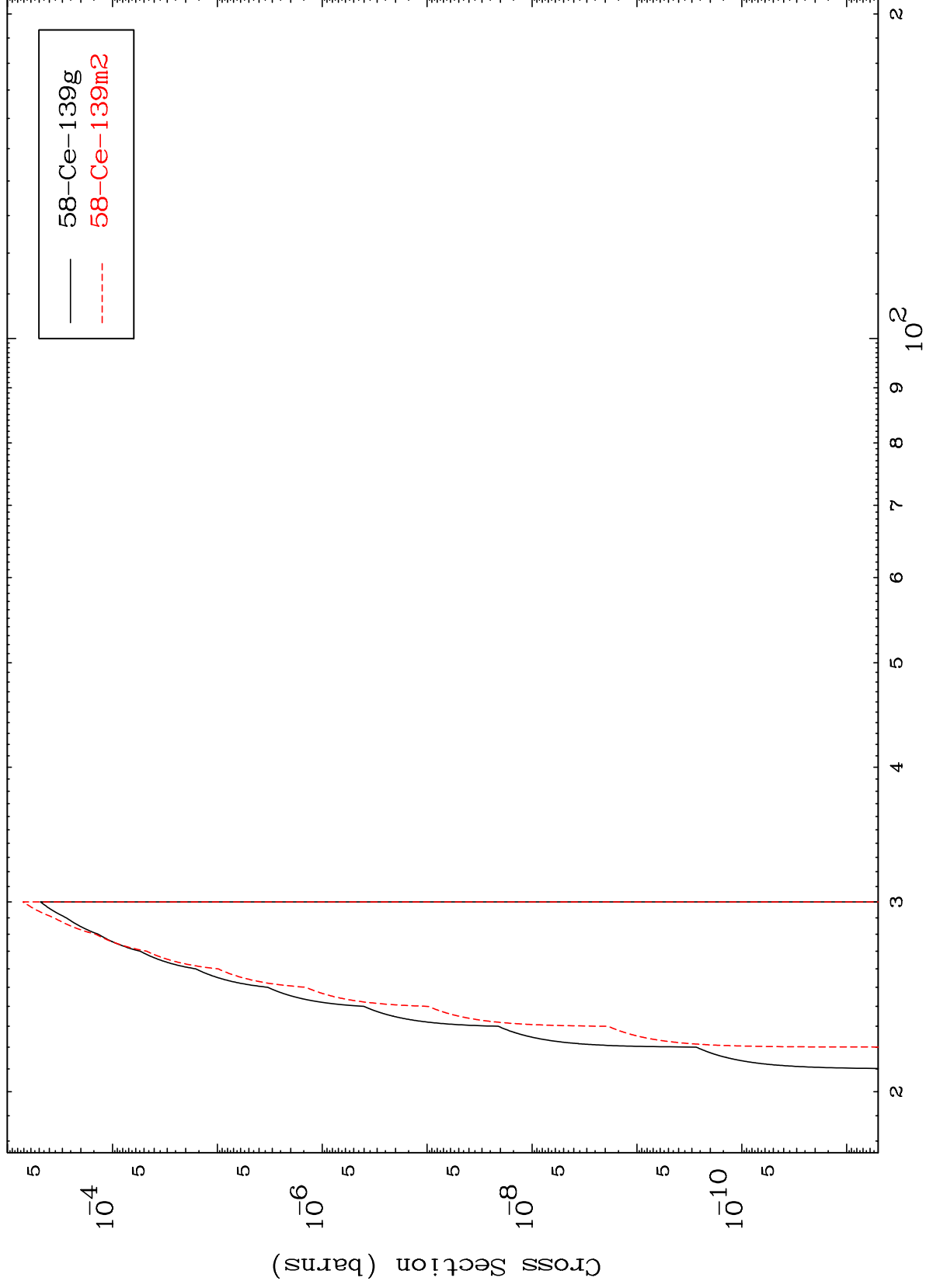
Incident Energy (MeV)

121

MAT 5928

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(n,2n) d
Radionuclide Production Cross Section

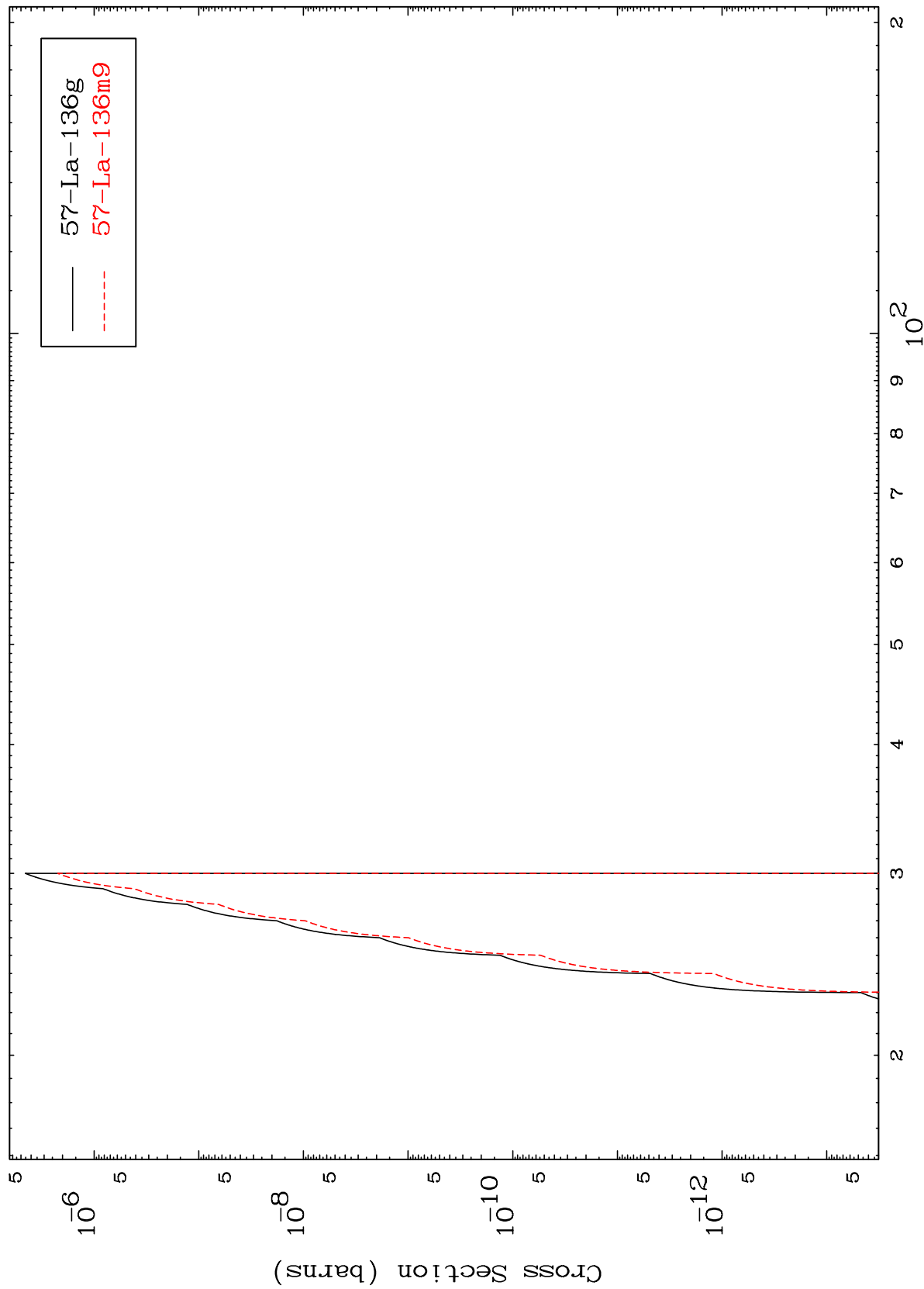


59-Pr-142

Incident Energy (MeV)

122

(n,3n) α
Radionuclide Production Cross Section

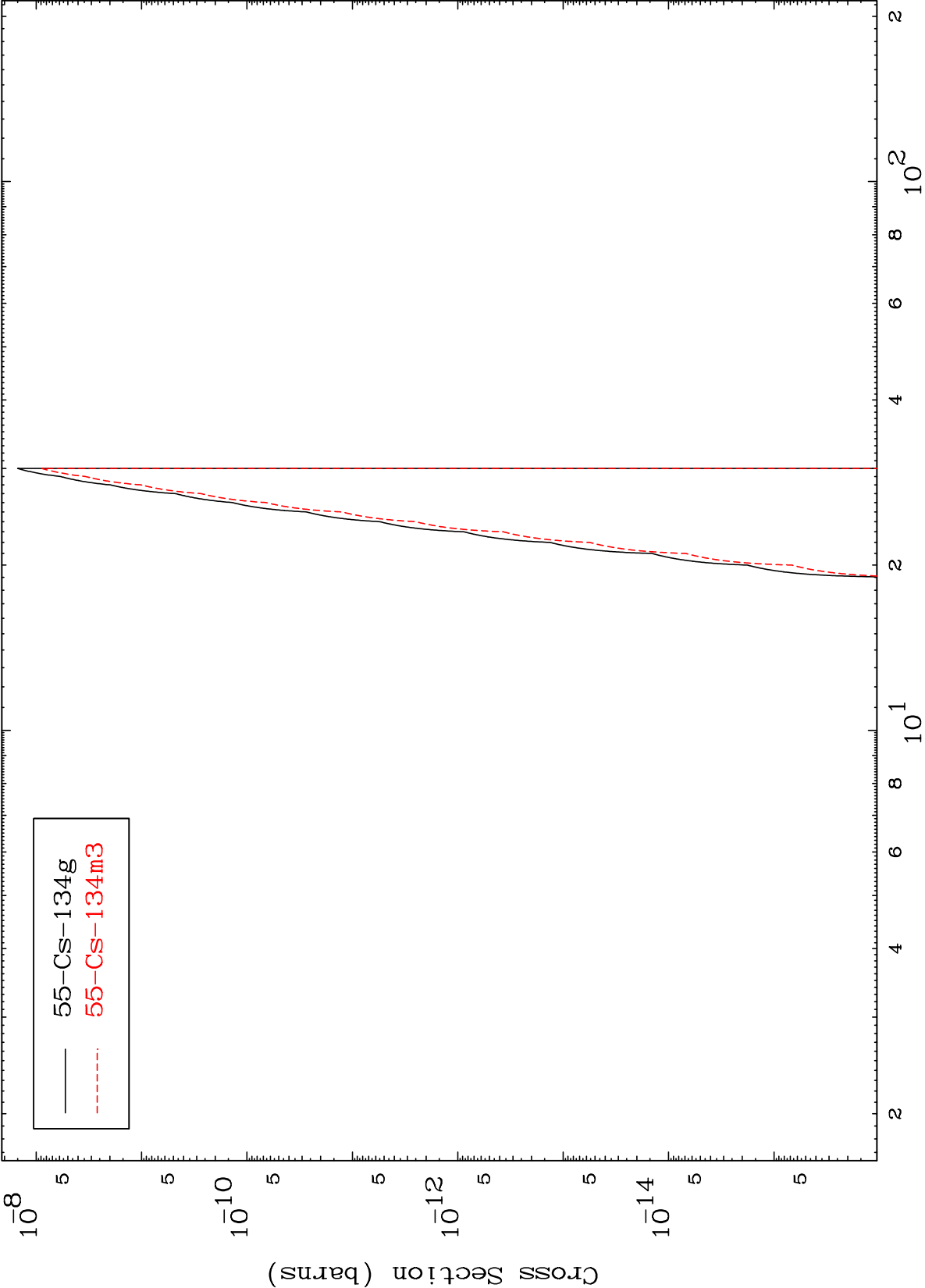


MAT 5928

(n,n') 2α

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Radionuclide Production Cross Section



124

Incident Energy (MeV)

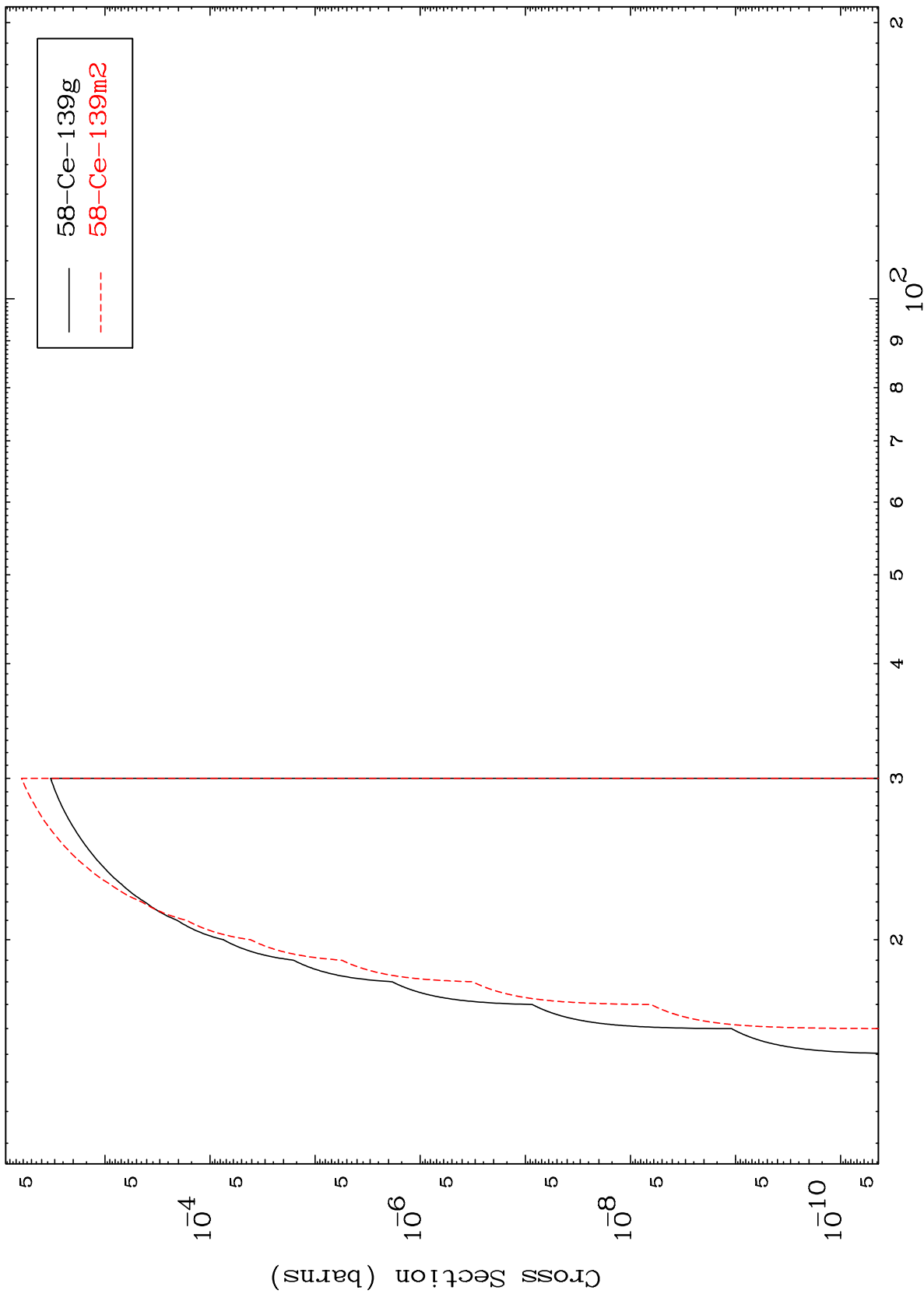
59-Pr-142

MAT 5928

(n,n') t

59-Pr-142

Radionuclide Production Cross Section

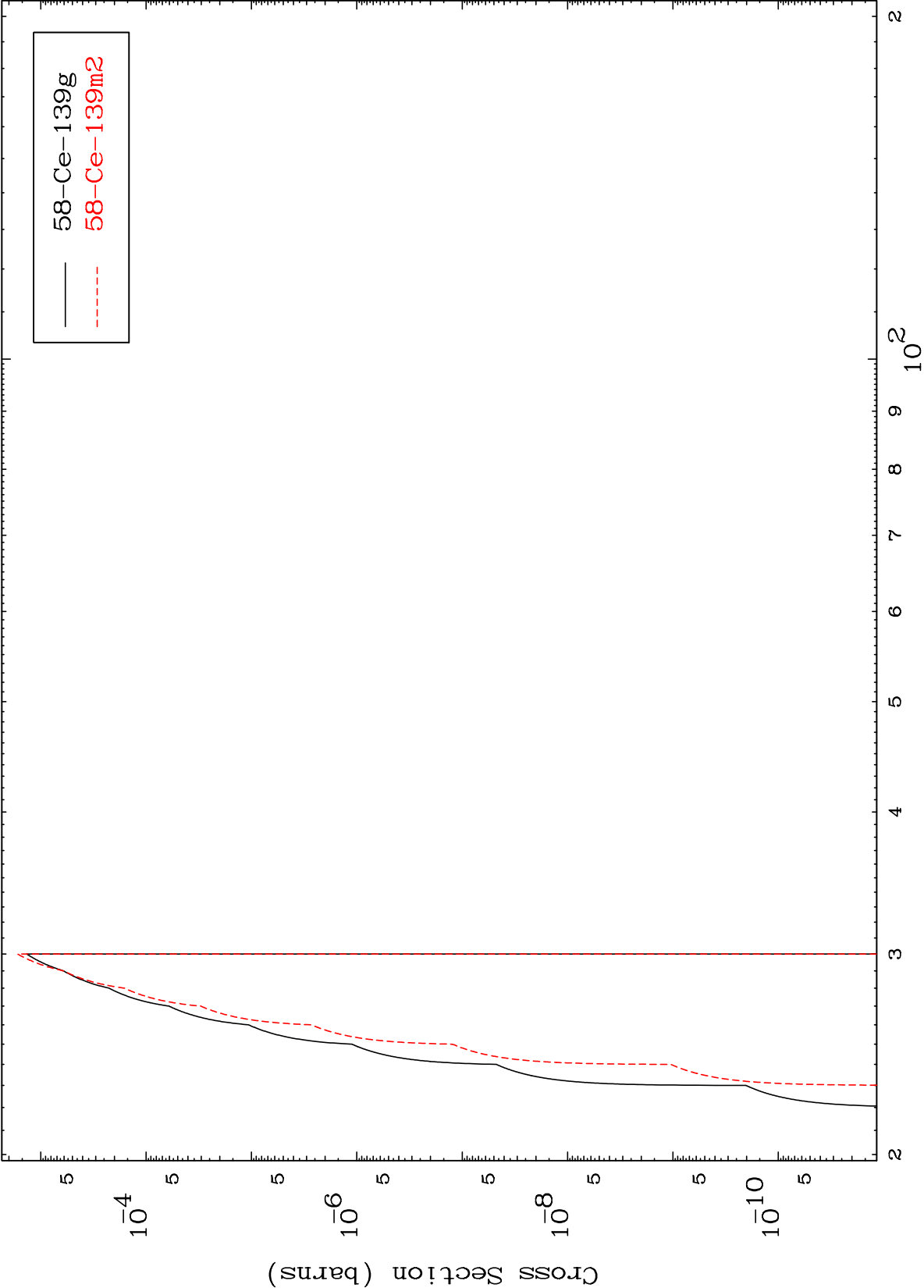


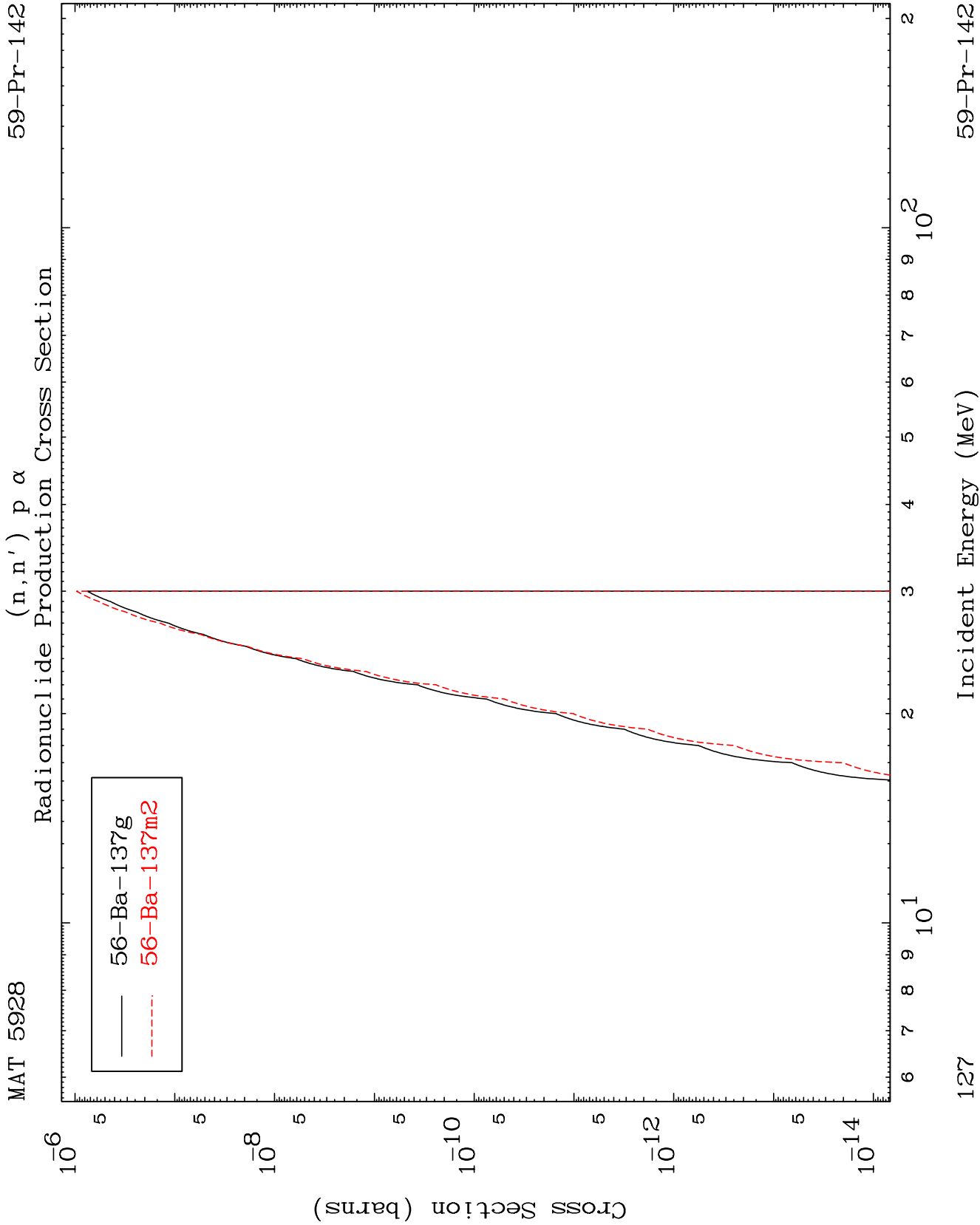
125

Incident Energy (MeV)

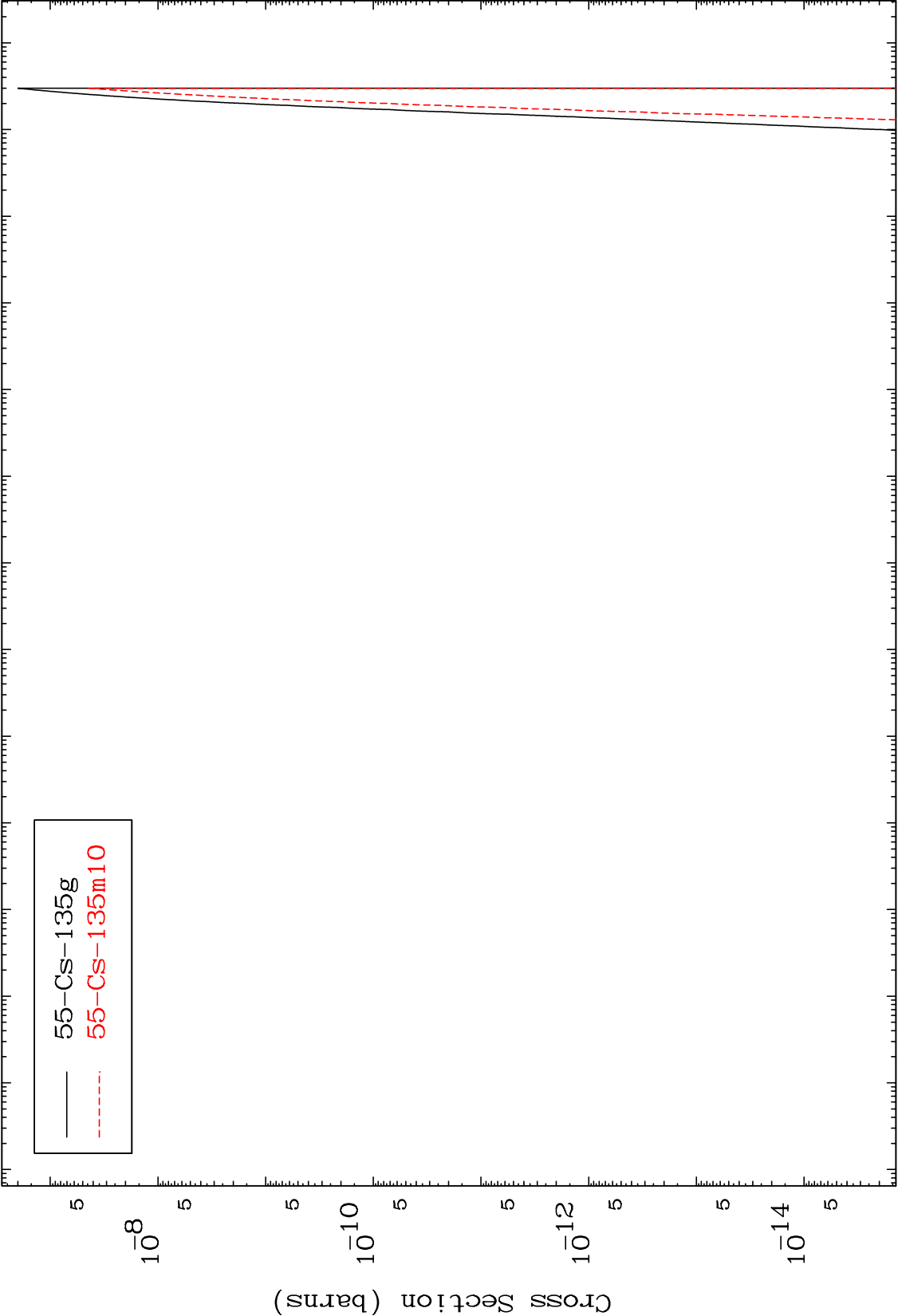
59-Pr-142

Radionuclide Production Cross Section





Radionuclide Production Cross Section



(n,d) α
Radionuclide Production Cross Section

