

Program EVALPLOT
(Version 2017-1)

by

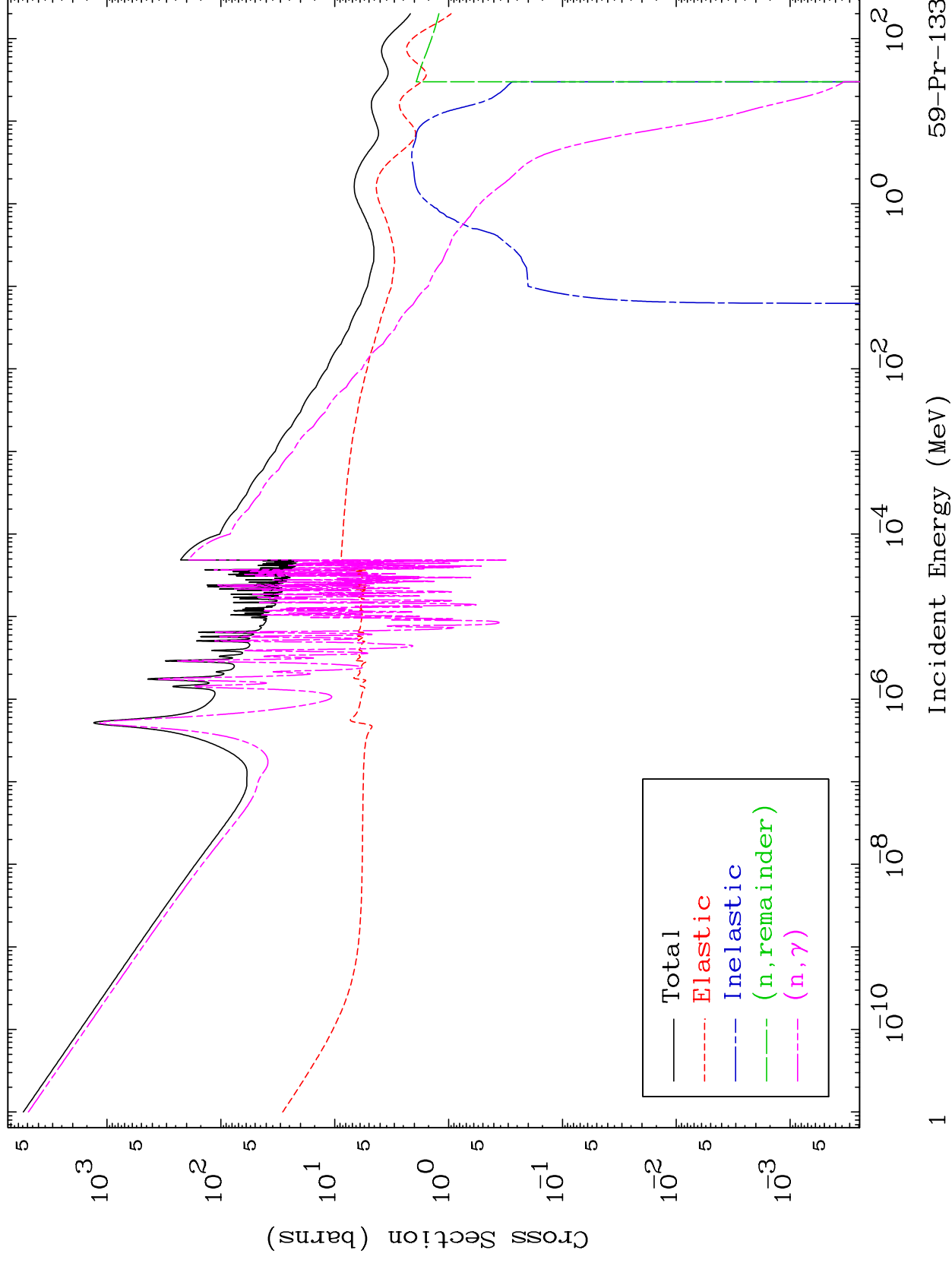
Dermott E. Cullen
(Present Contact Information)

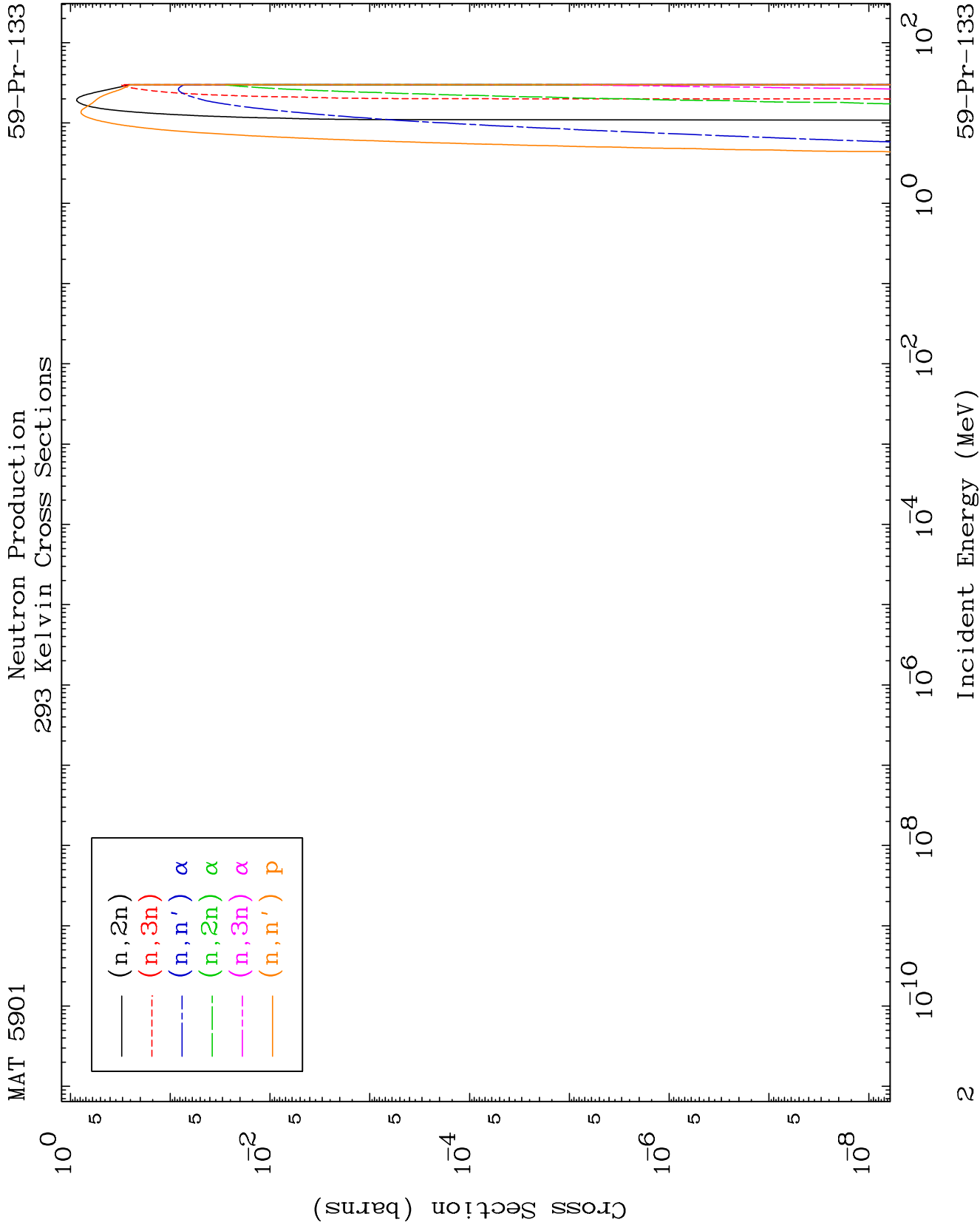
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

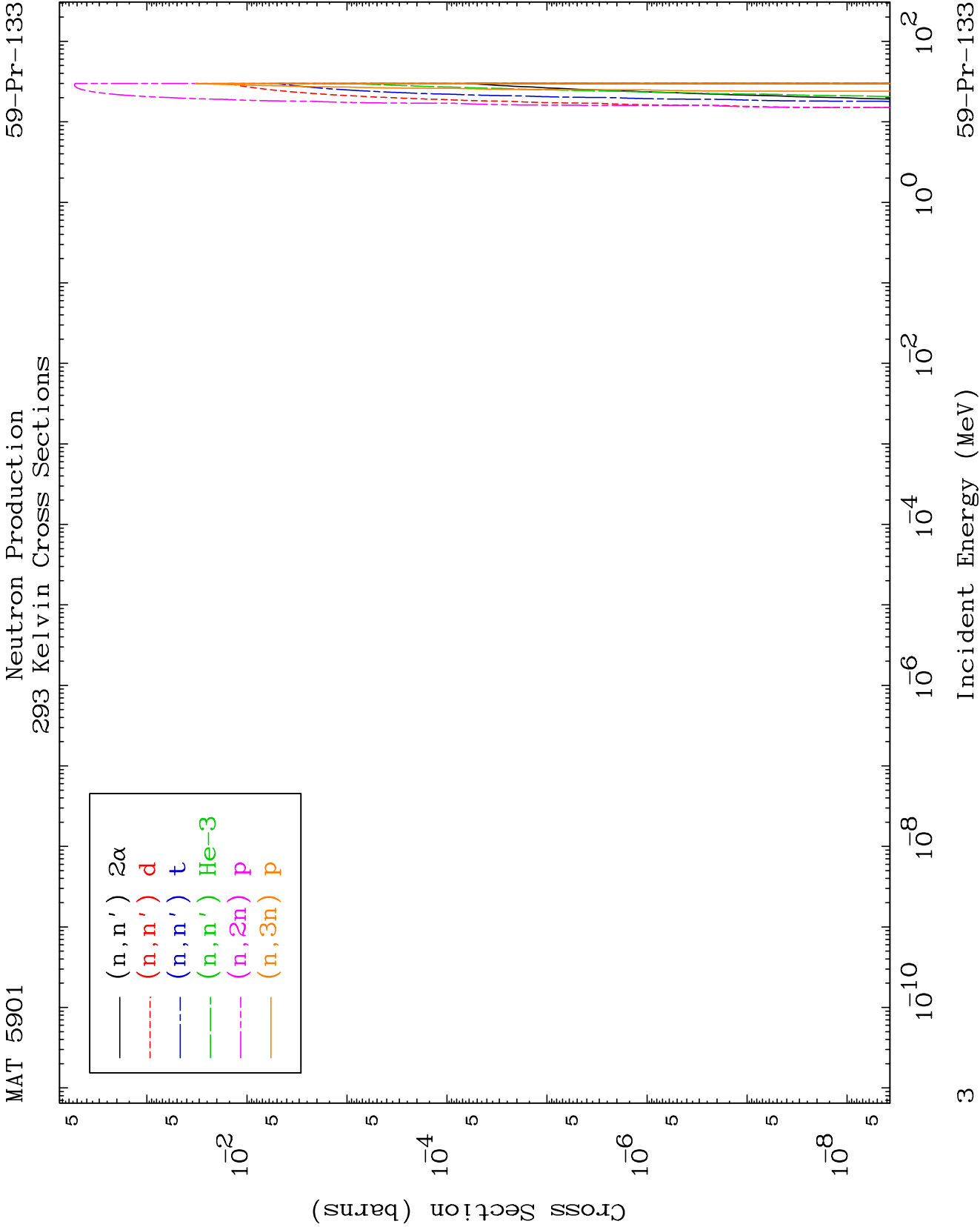
Tele: 925-443-1911

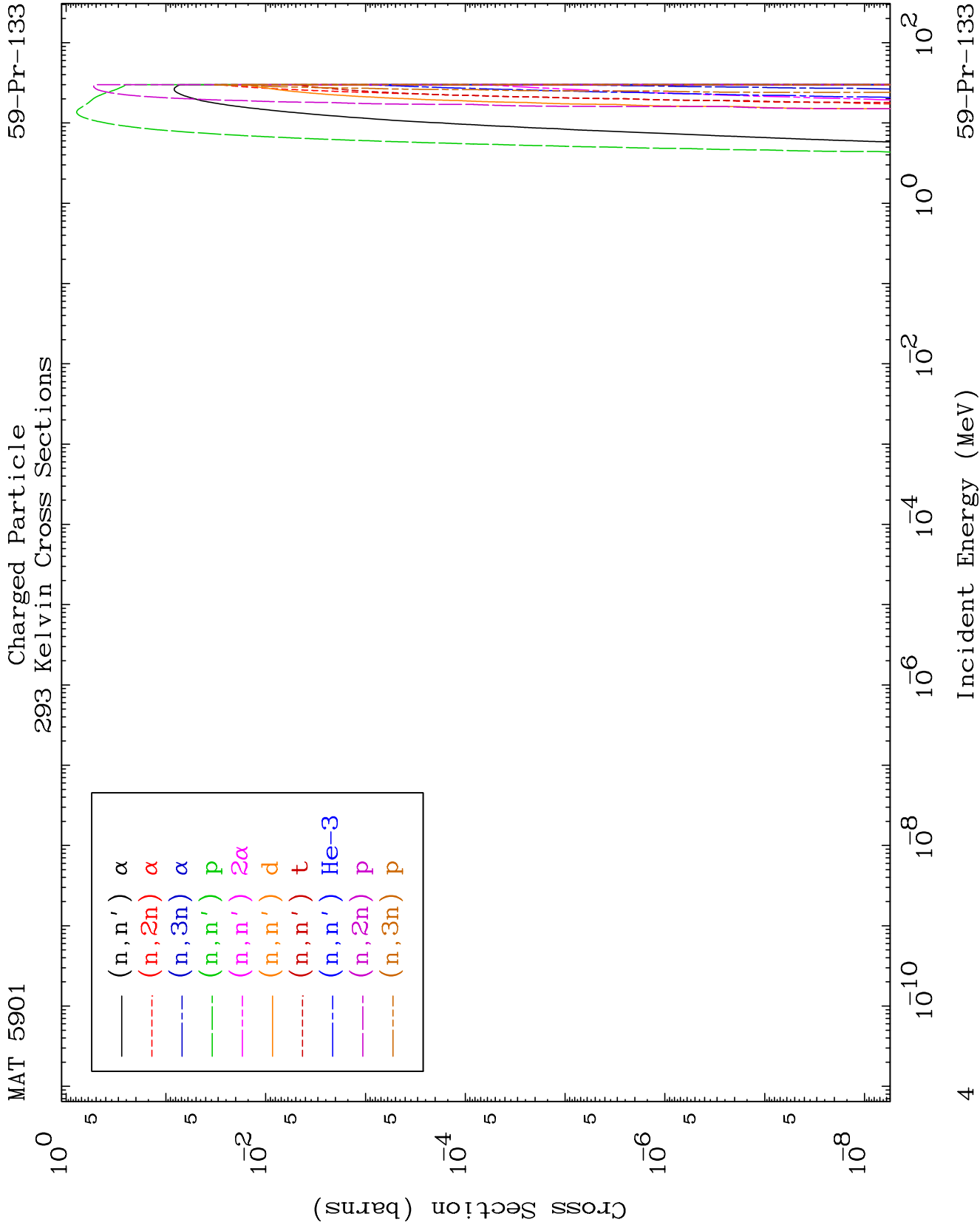
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

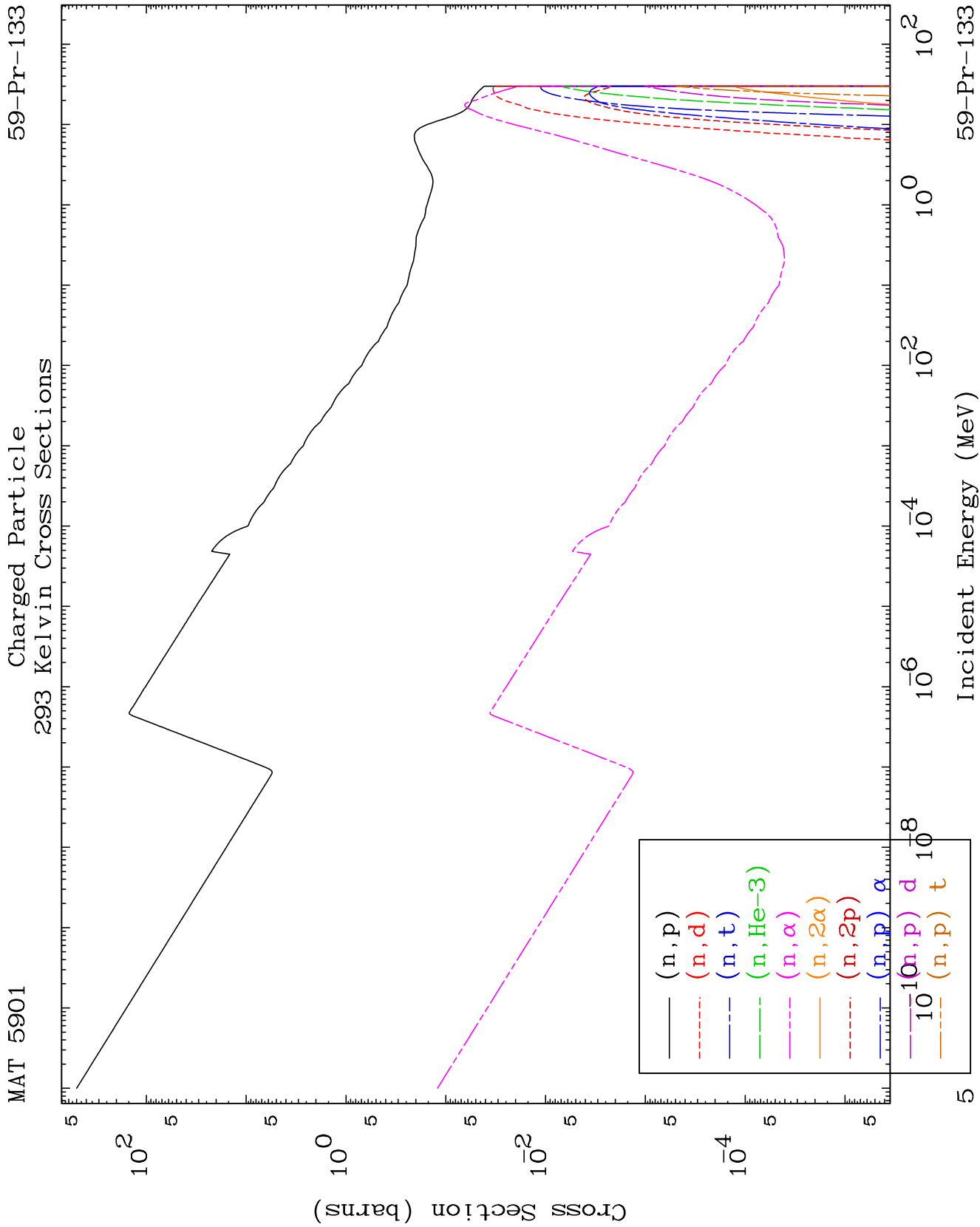
Press Mouse Button to Start

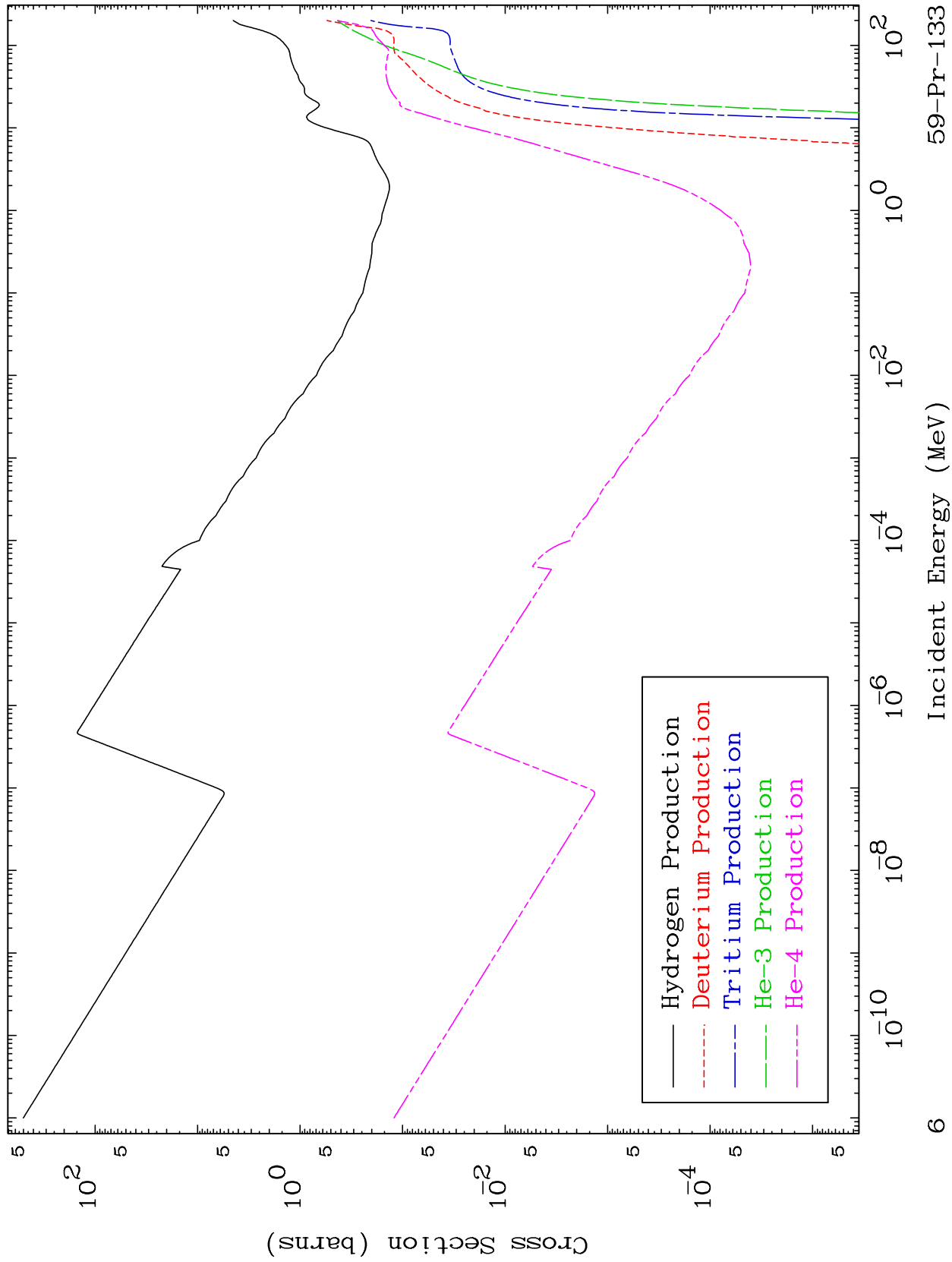


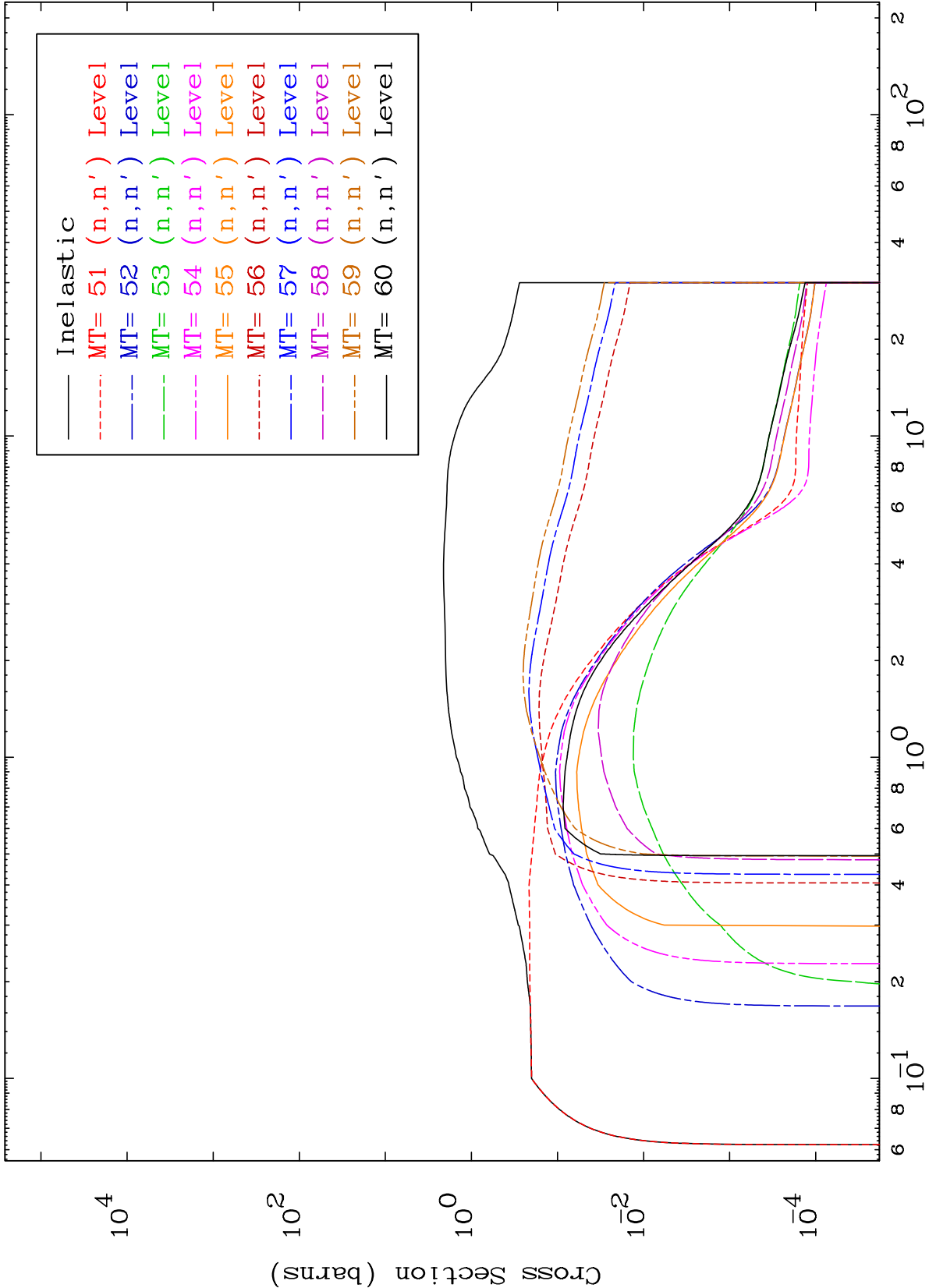


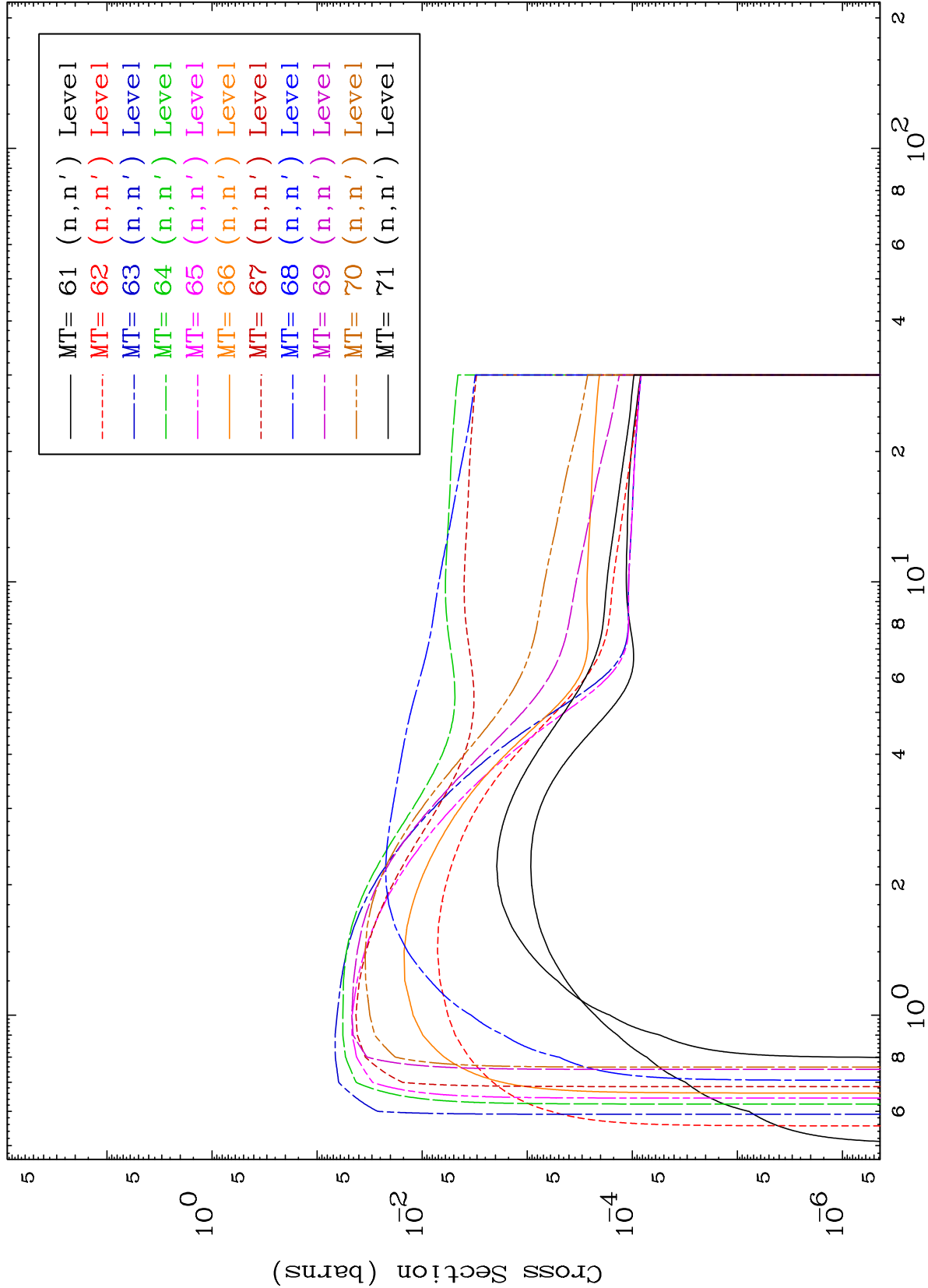


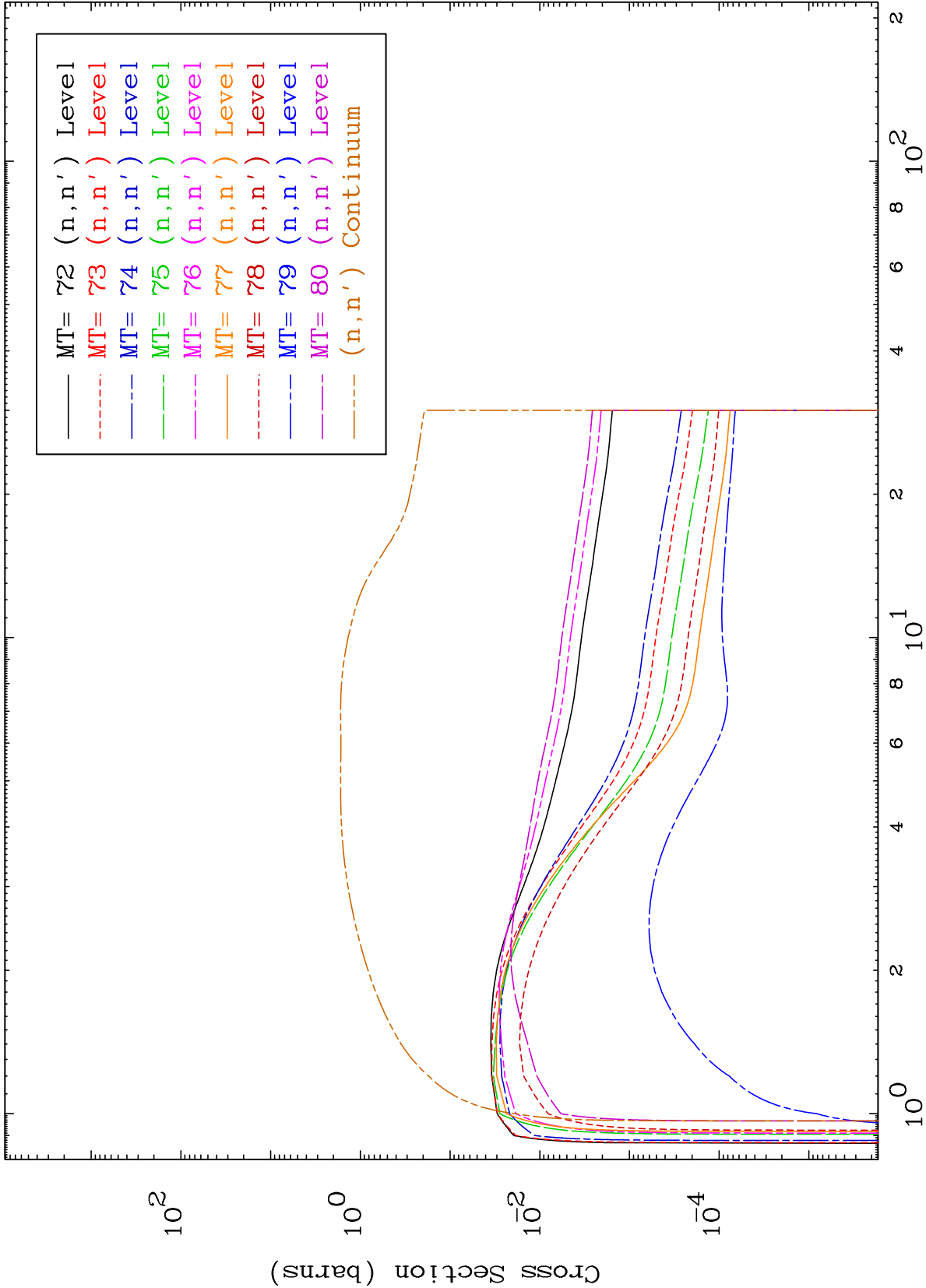


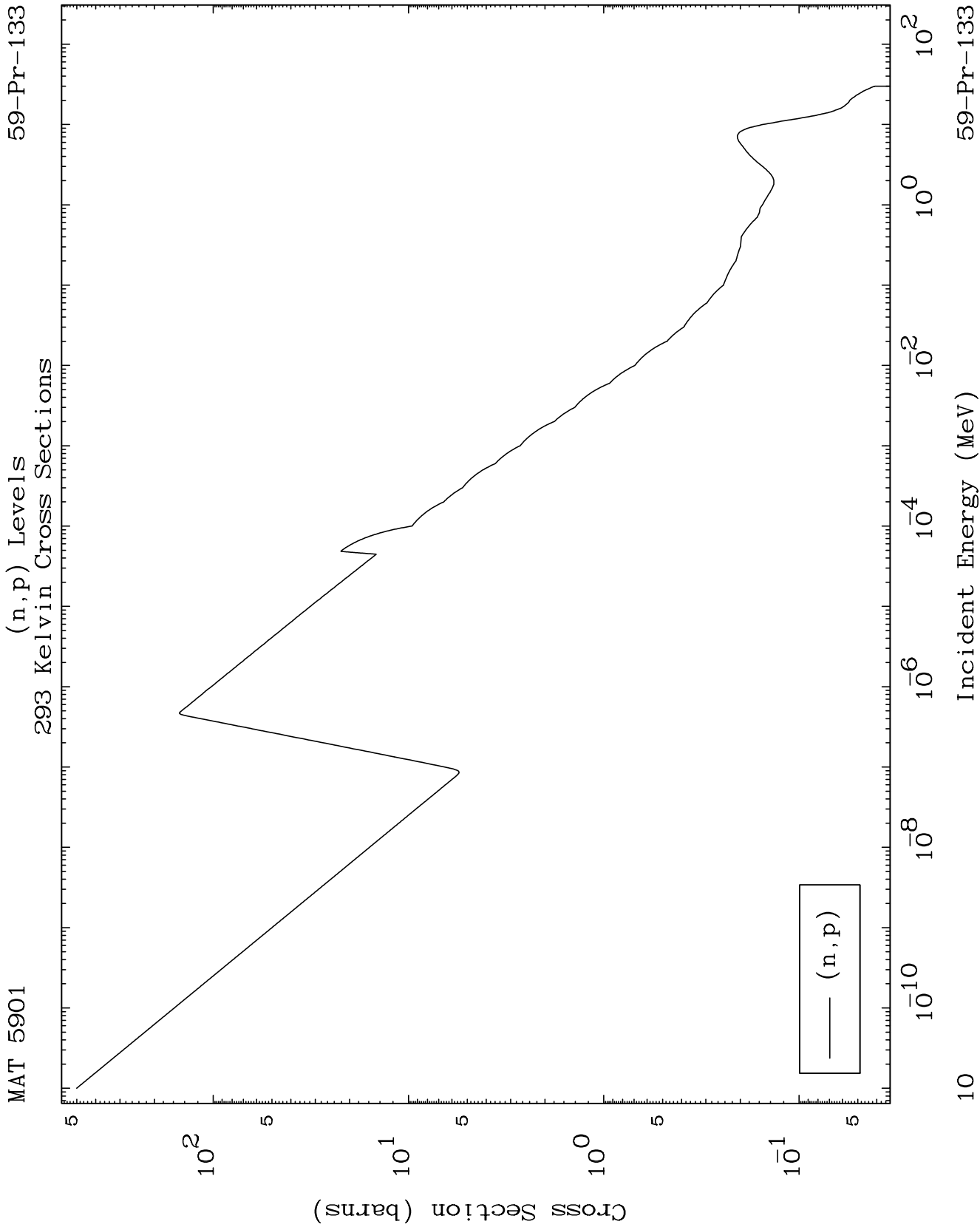








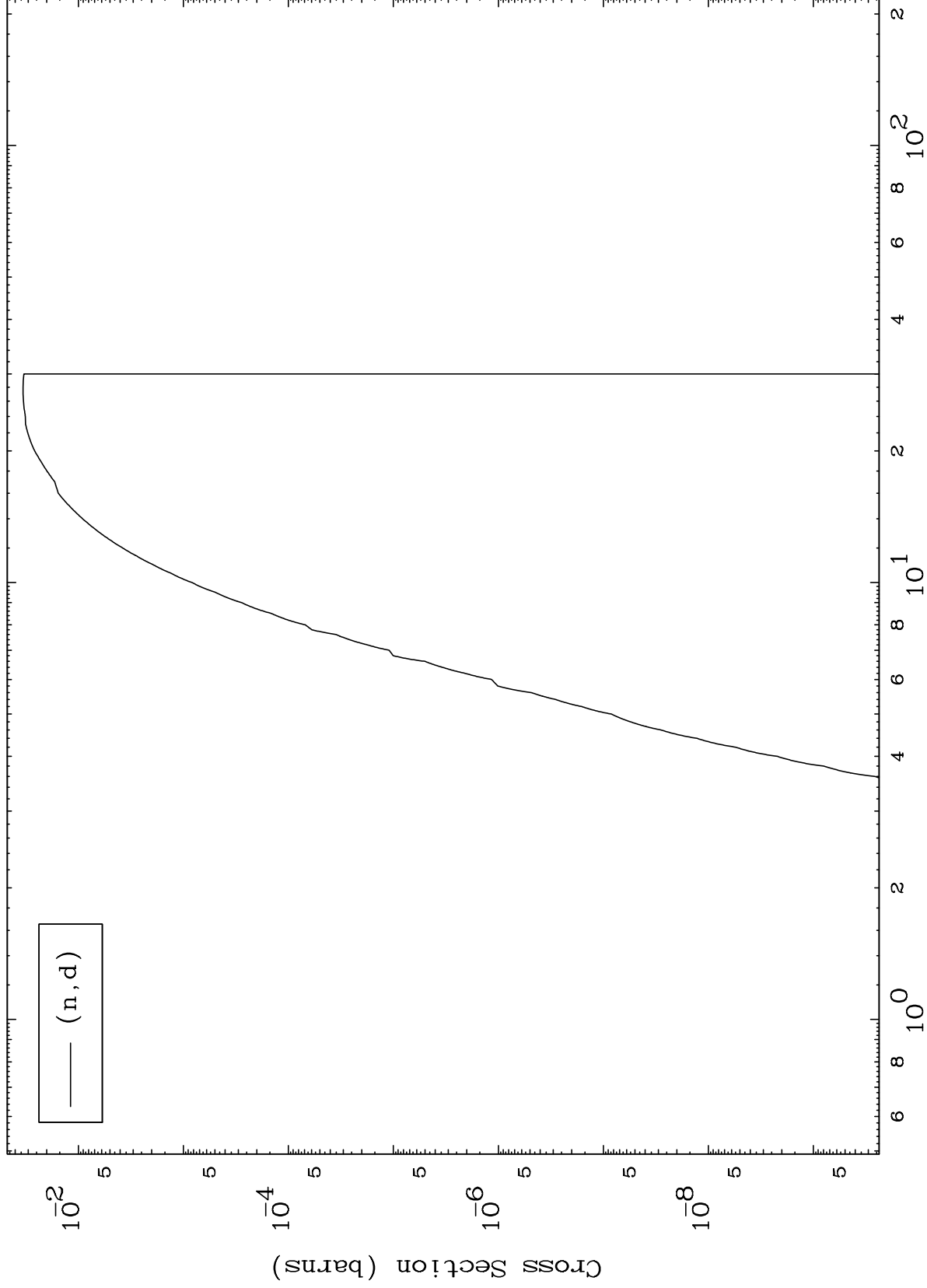




MAT 5901

59-Pr-133

(n,d) Levels
293 Kelvin Cross Sections



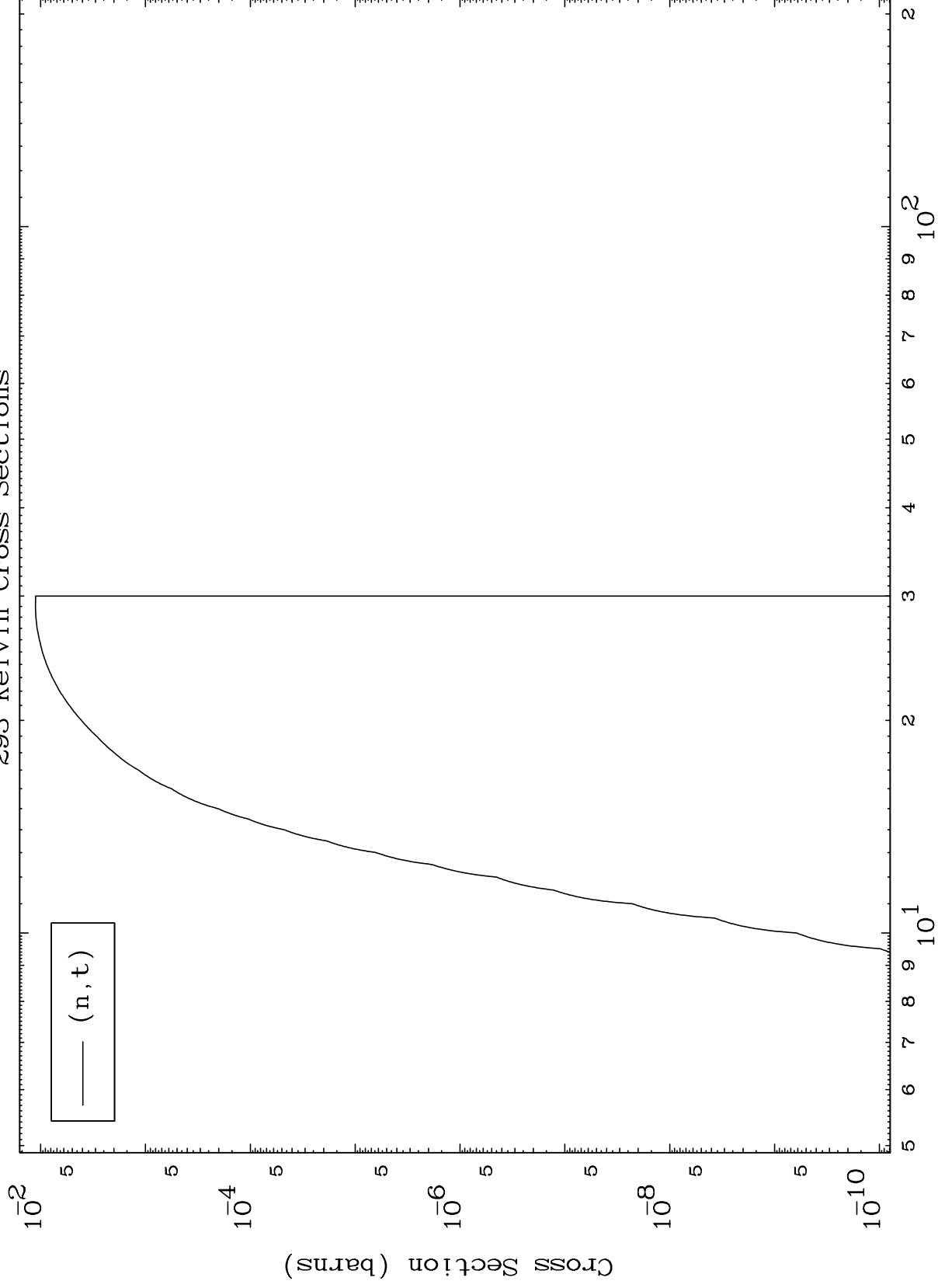
11

59-Pr-133

MAT 5901

59-Pr-133

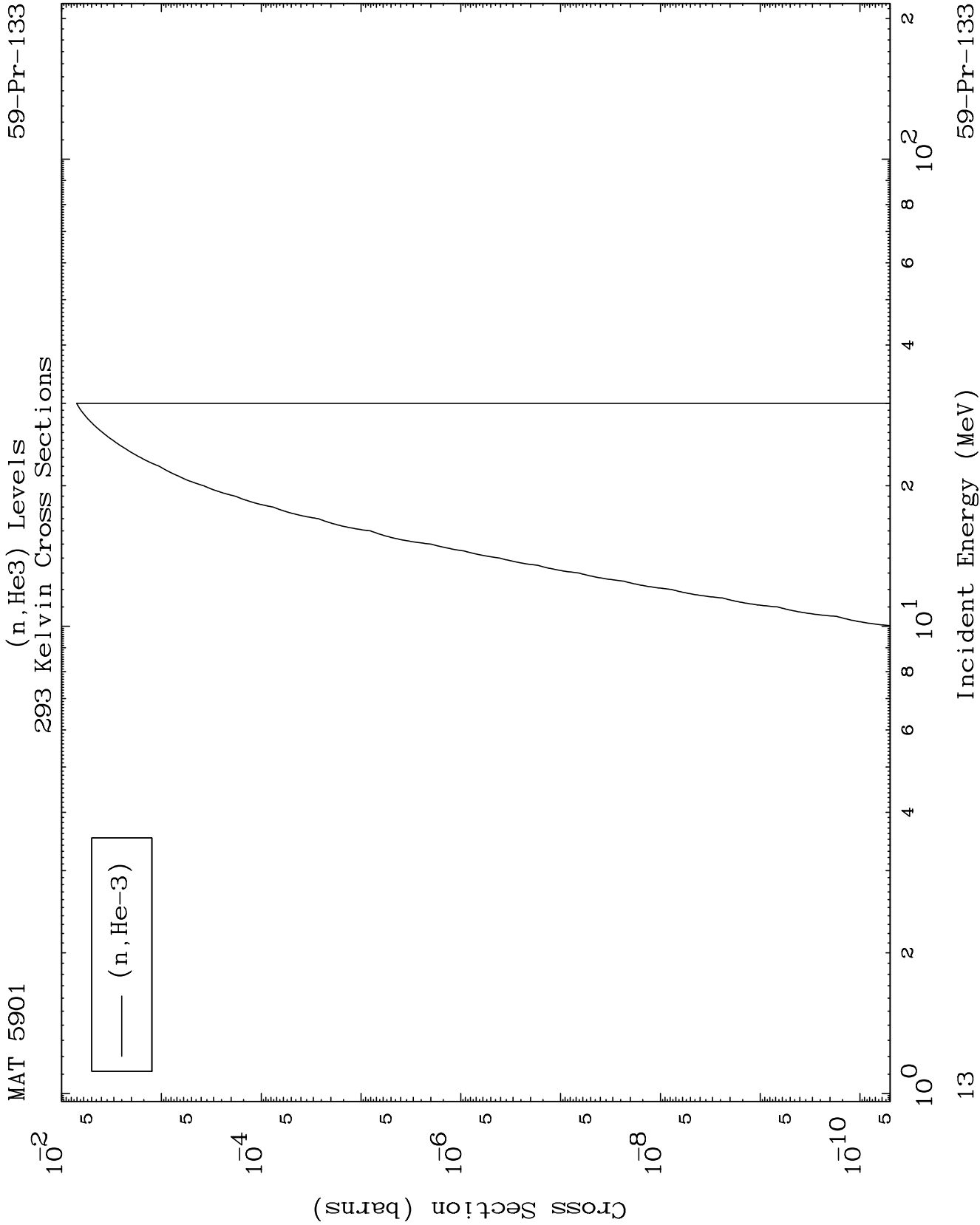
(n,t) Levels
293 Kelvin Cross Sections



59-Pr-133

Incident Energy (MeV)

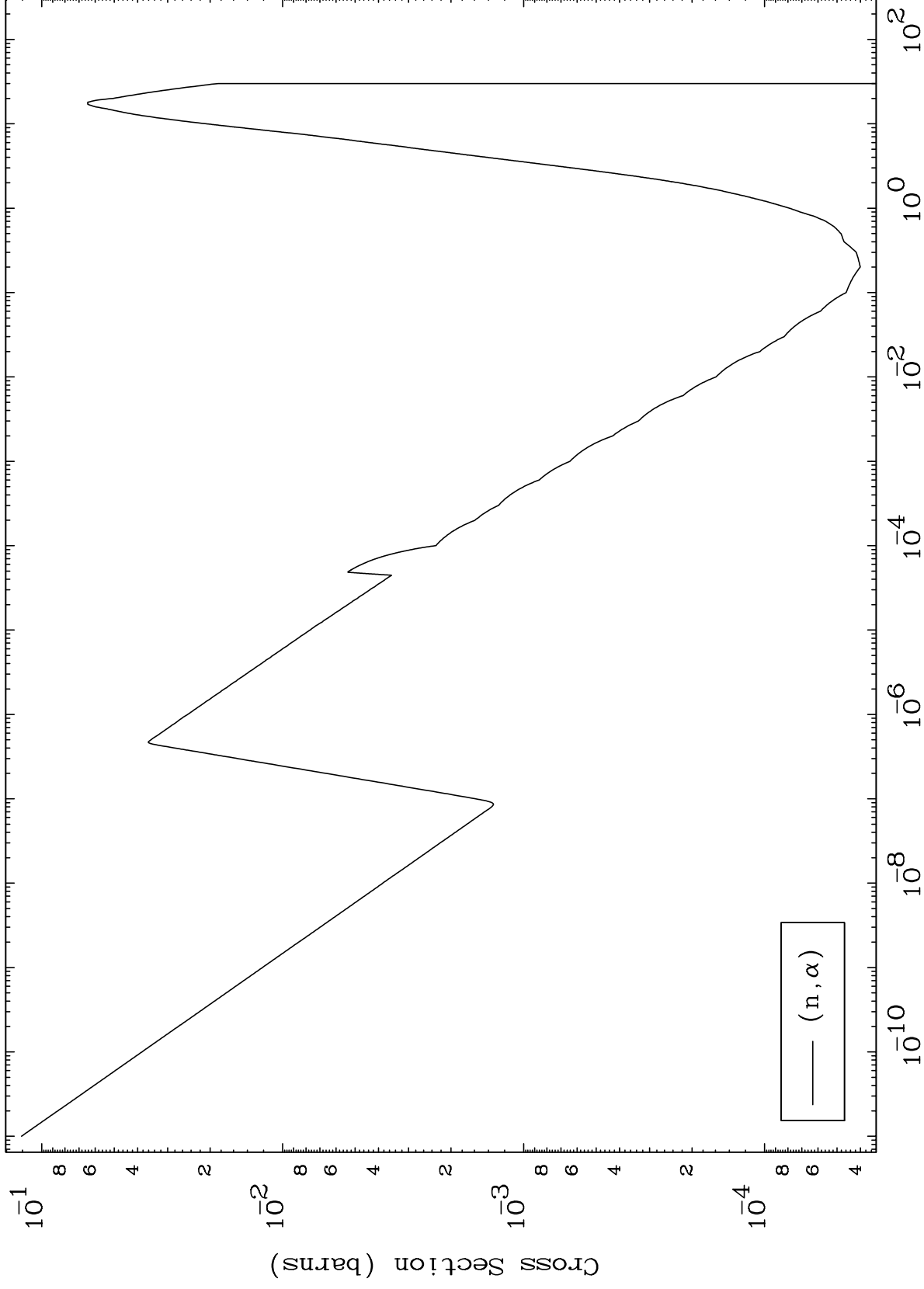
12



MAT 5901

(n, α) Levels
293 Kelvin Cross Sections

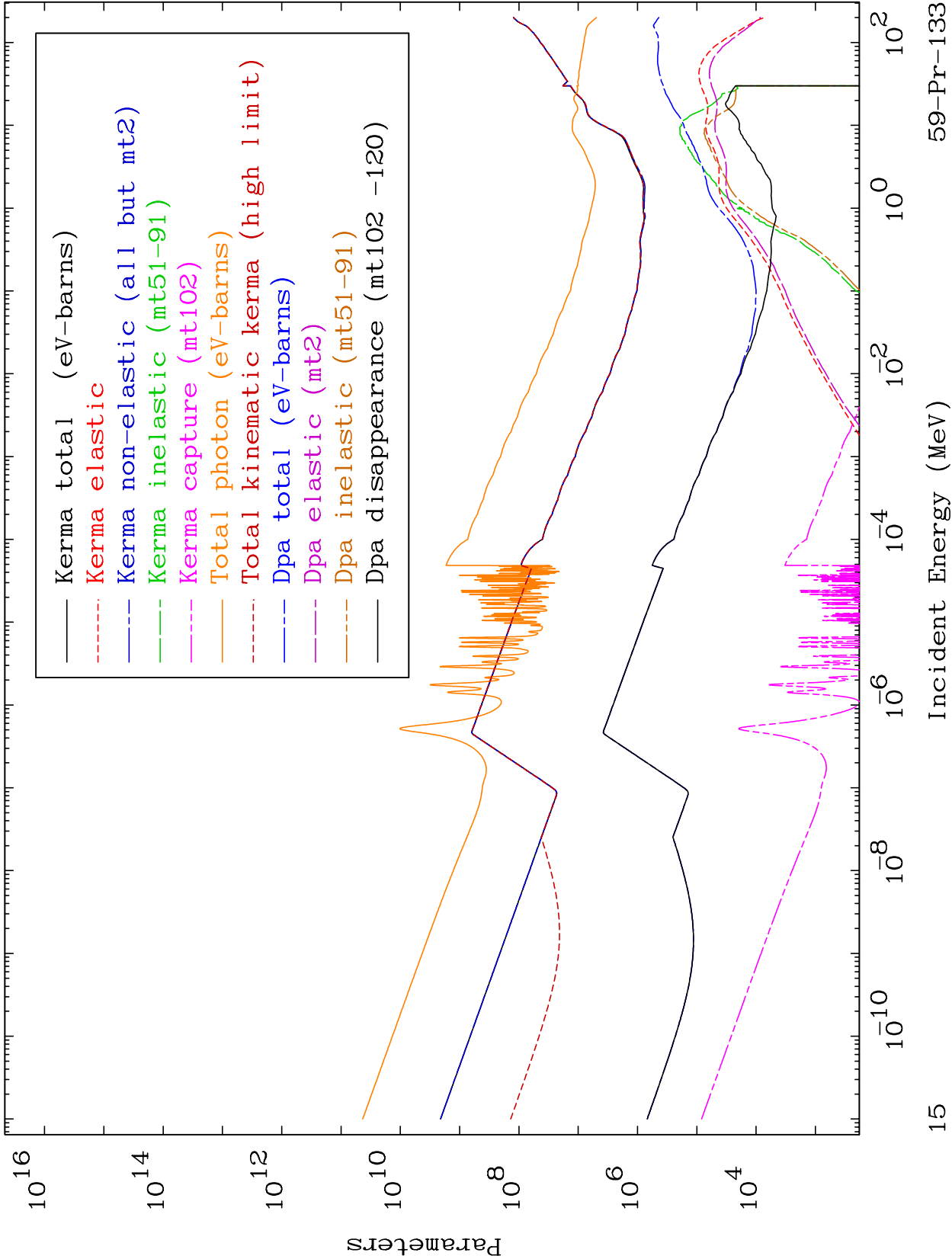
59-Pr-133



14

Incident Energy (MeV)

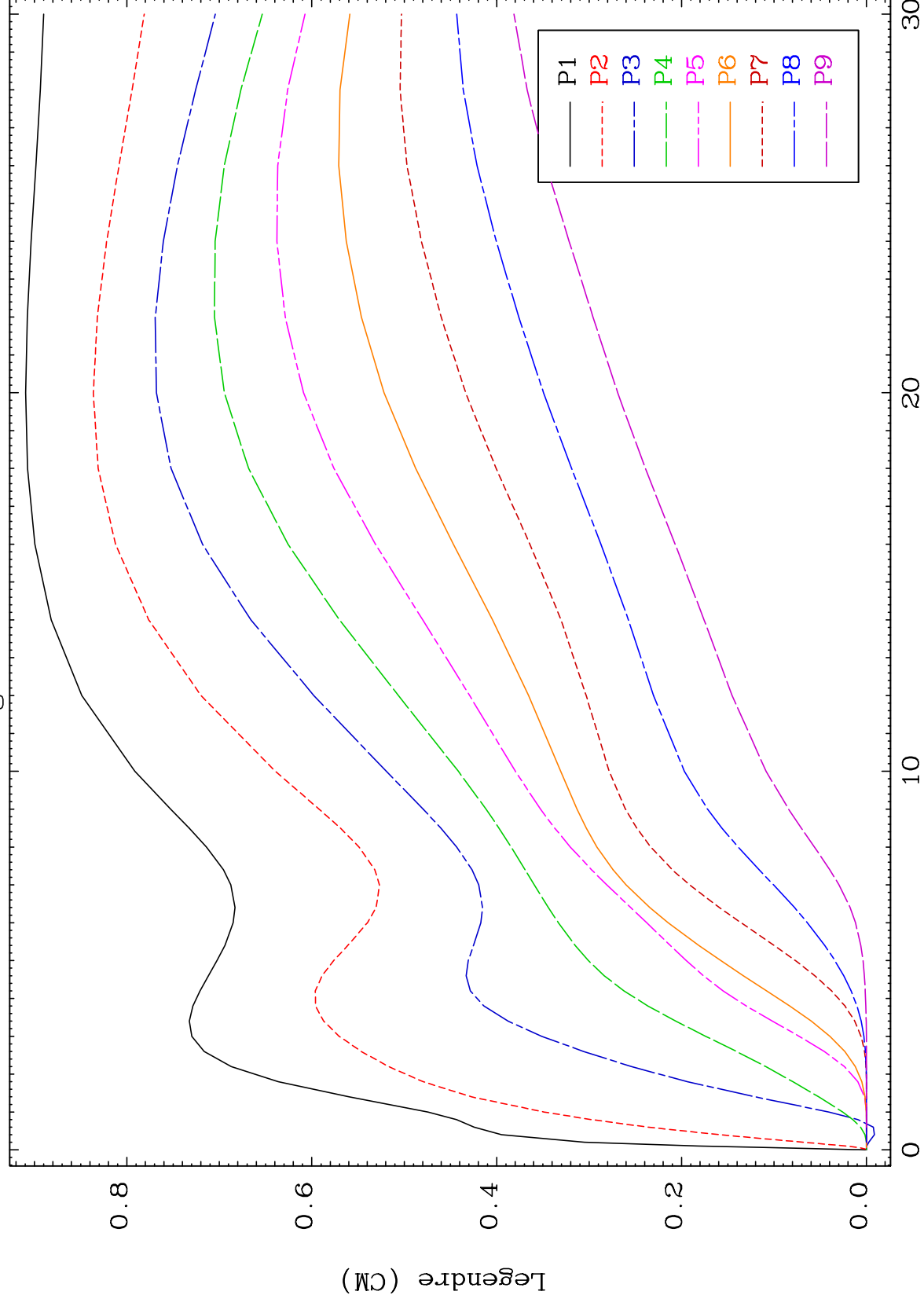
59-Pr-133



MAT 5901

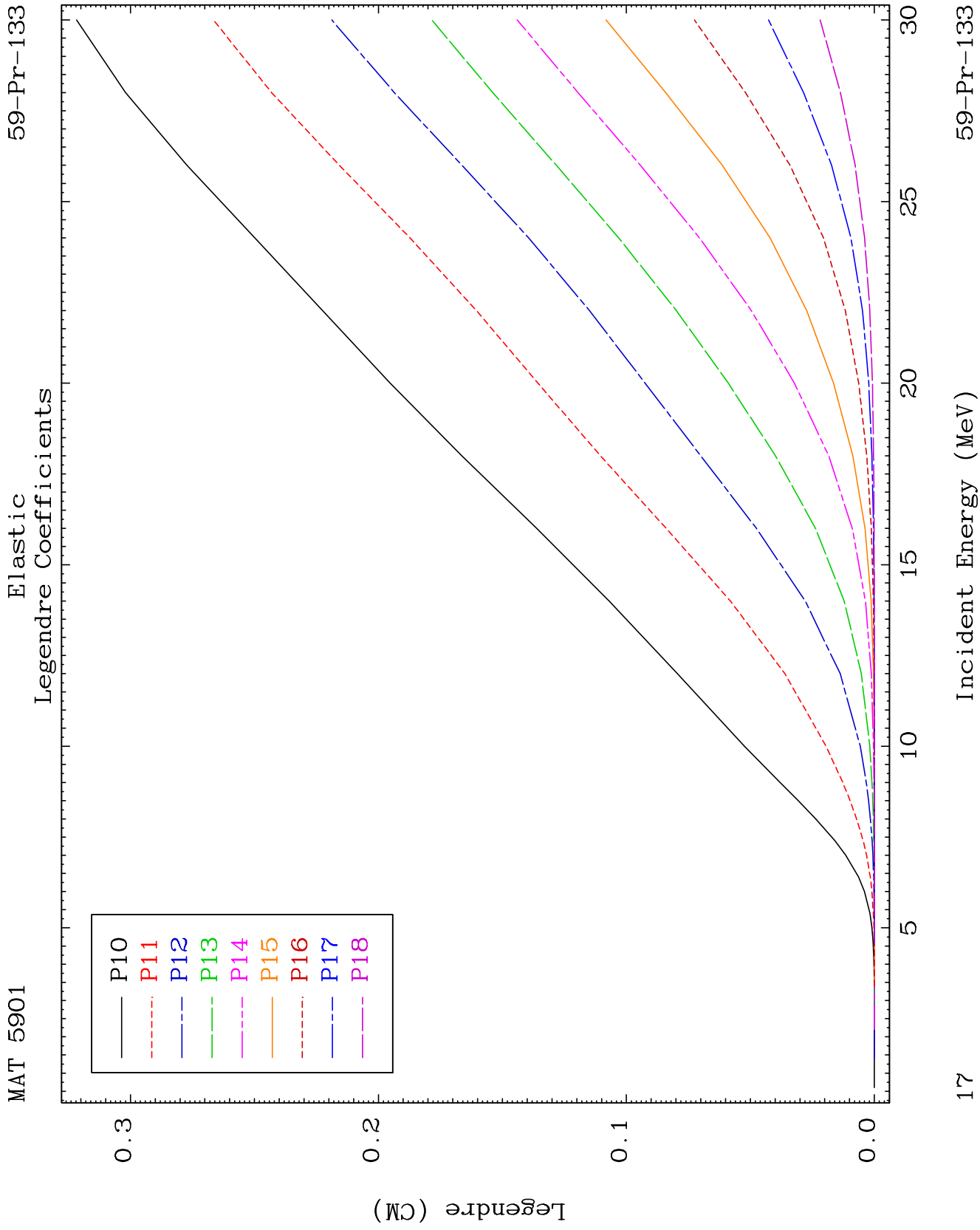
59-Pr-133

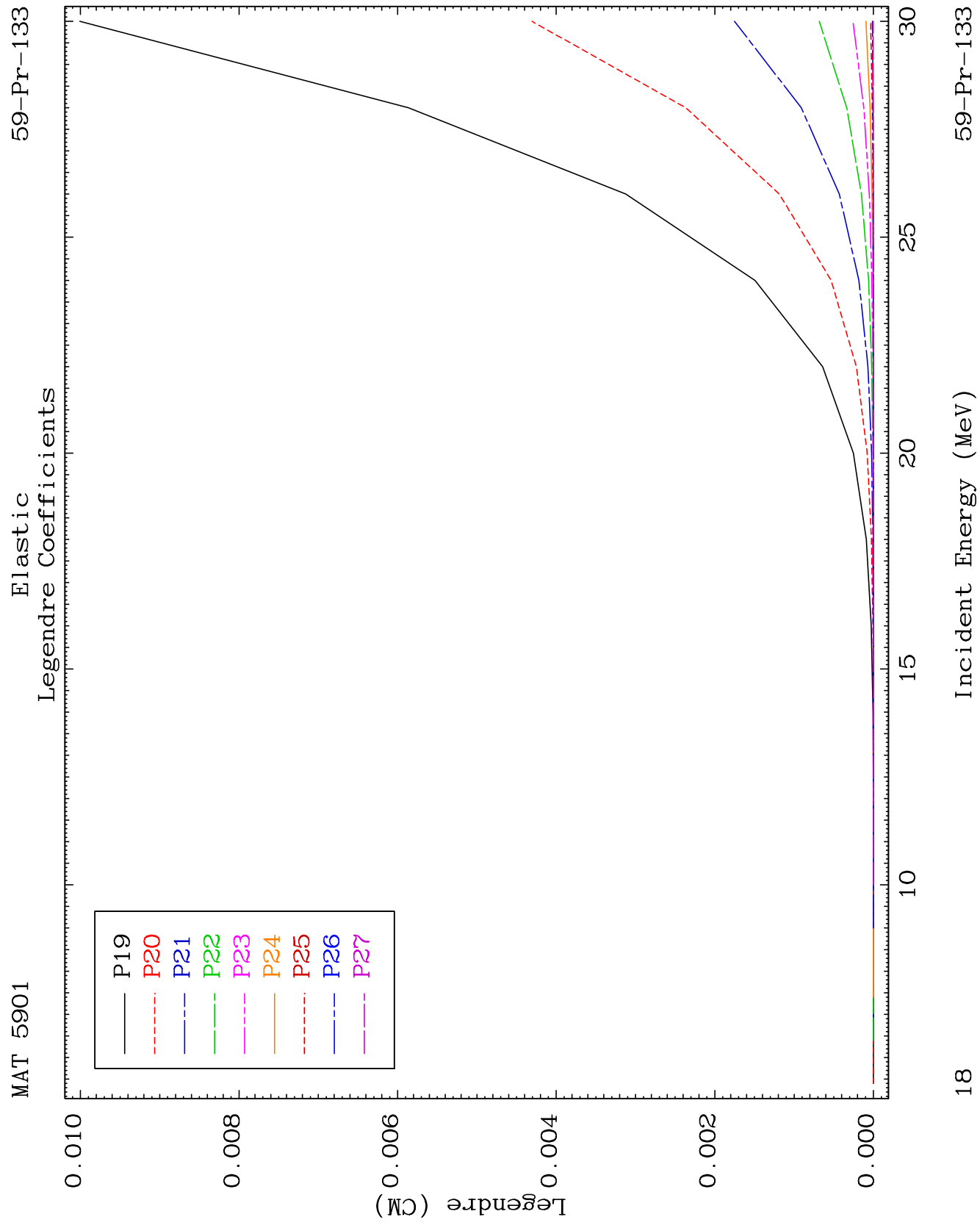
Elastic Legendre Coefficients

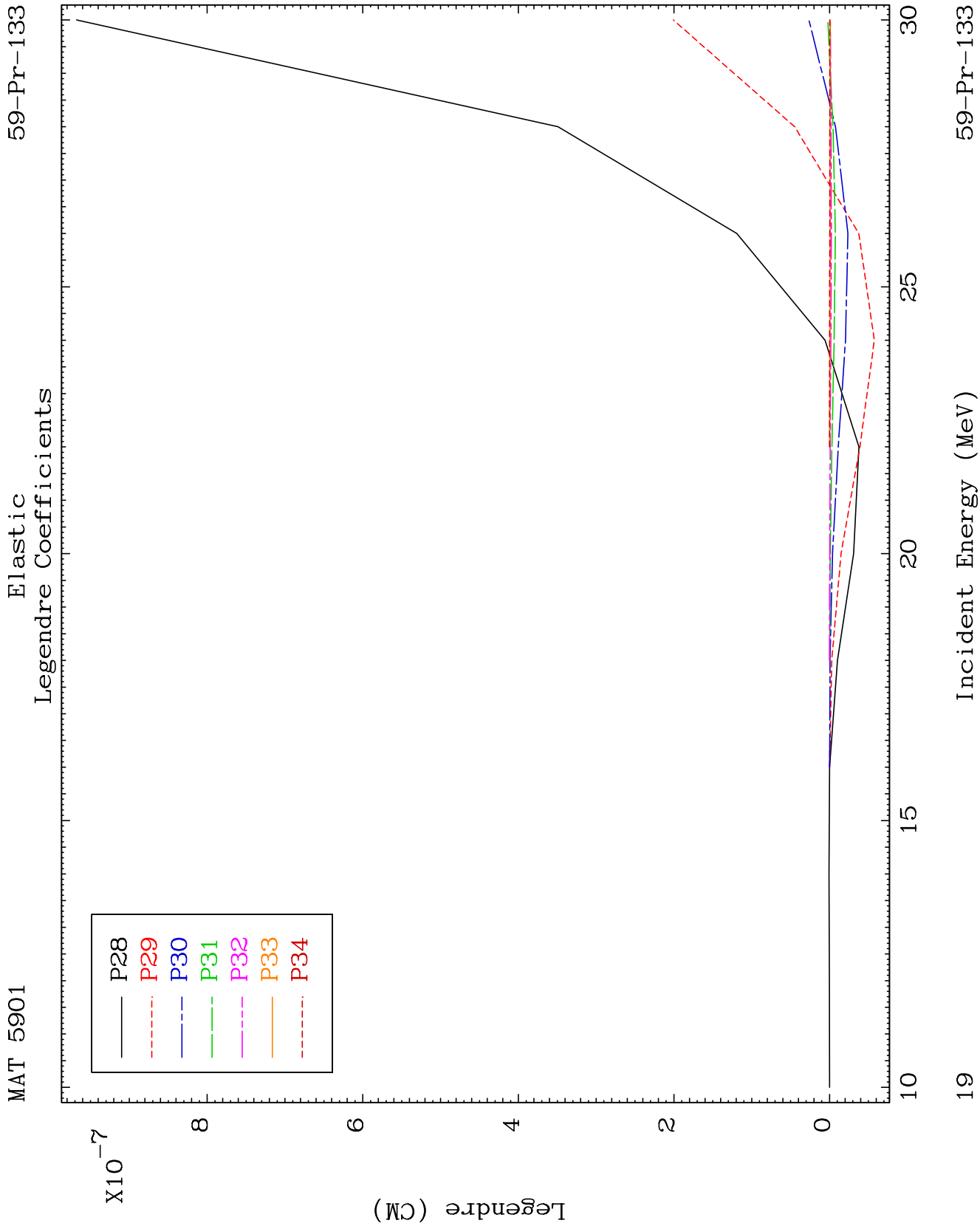


59-Pr-133

Incident Energy (MeV)



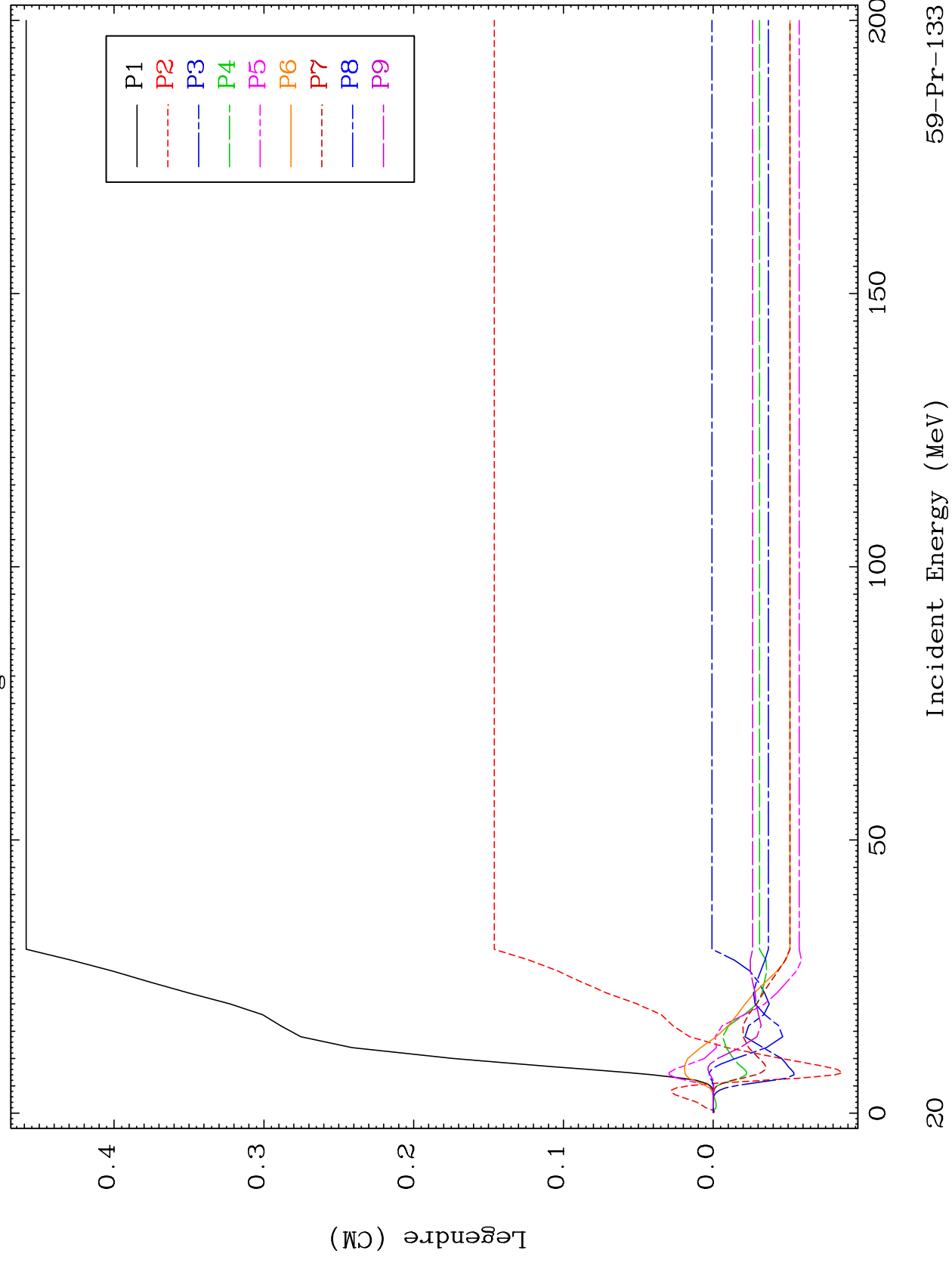


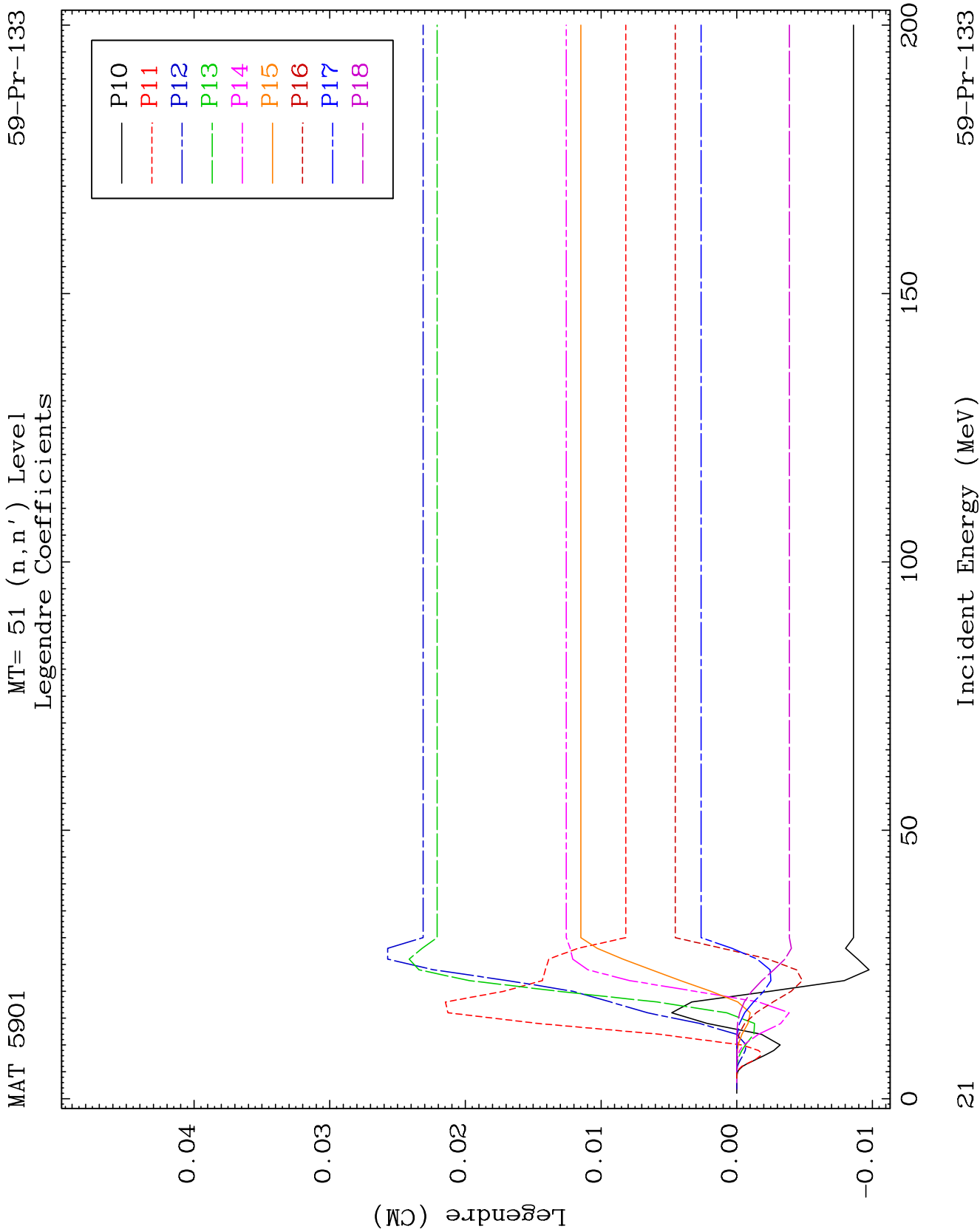


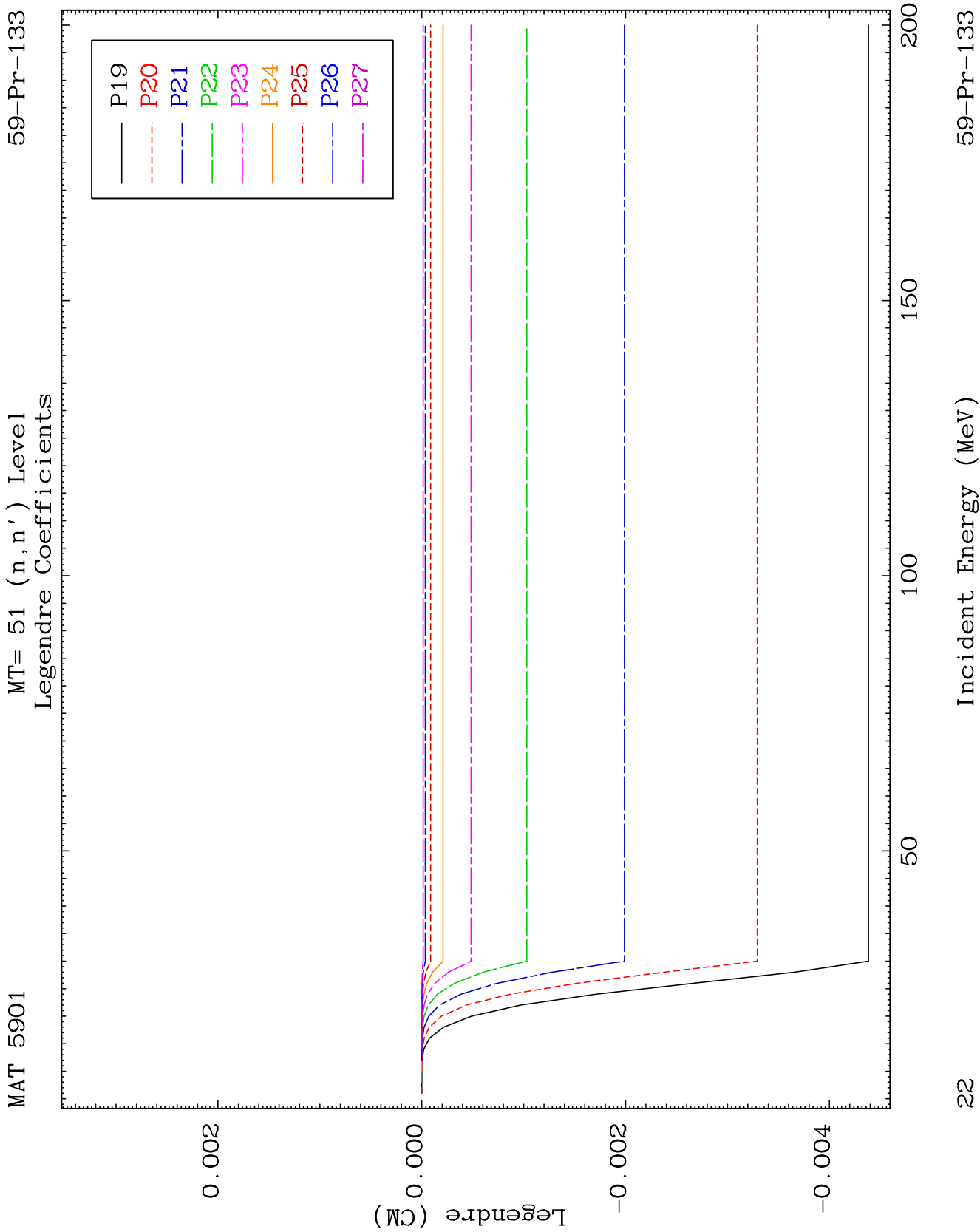
MAT 5901

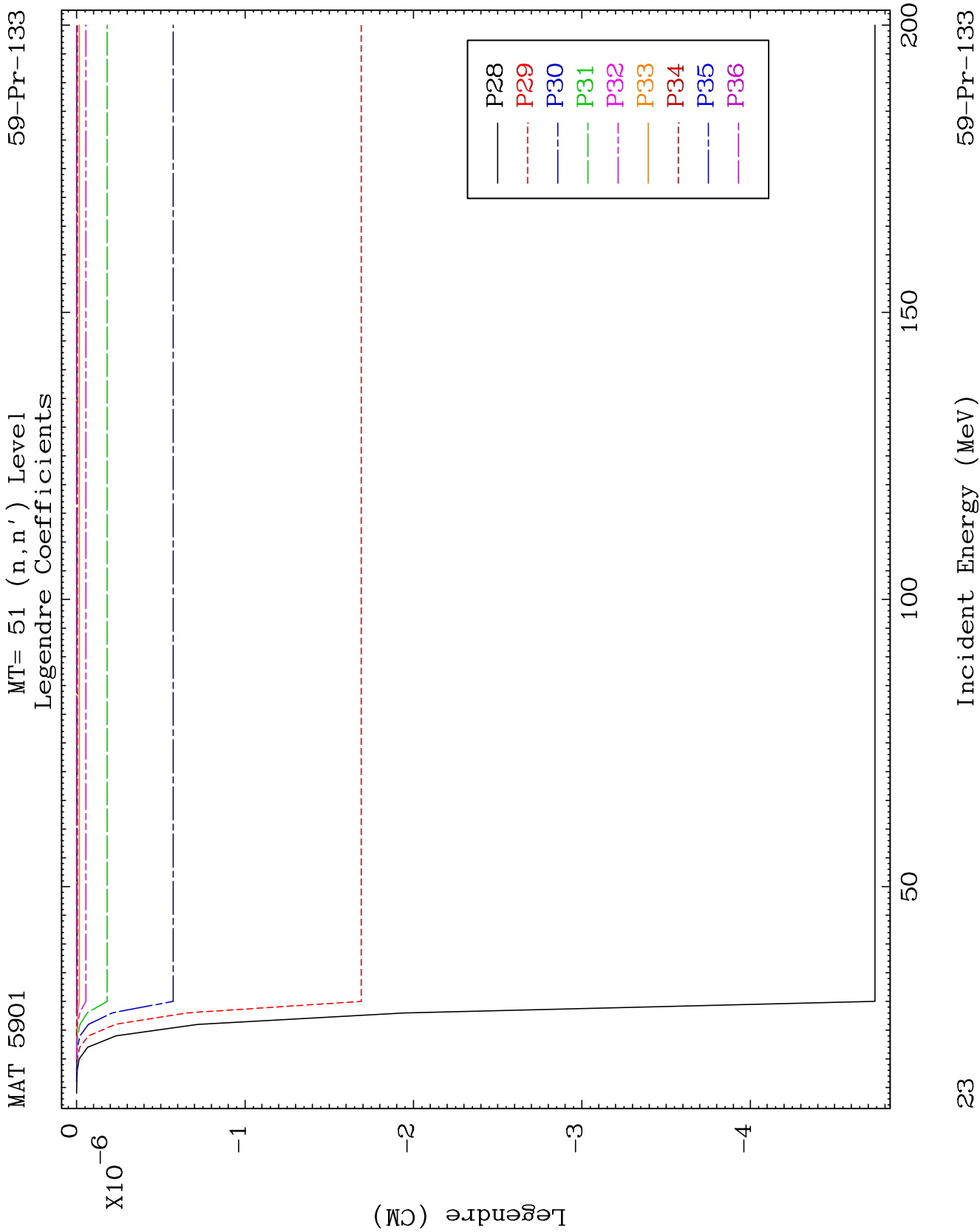
MT= 51 (n, n') Level
Legendre Coefficients

59-Pr-133





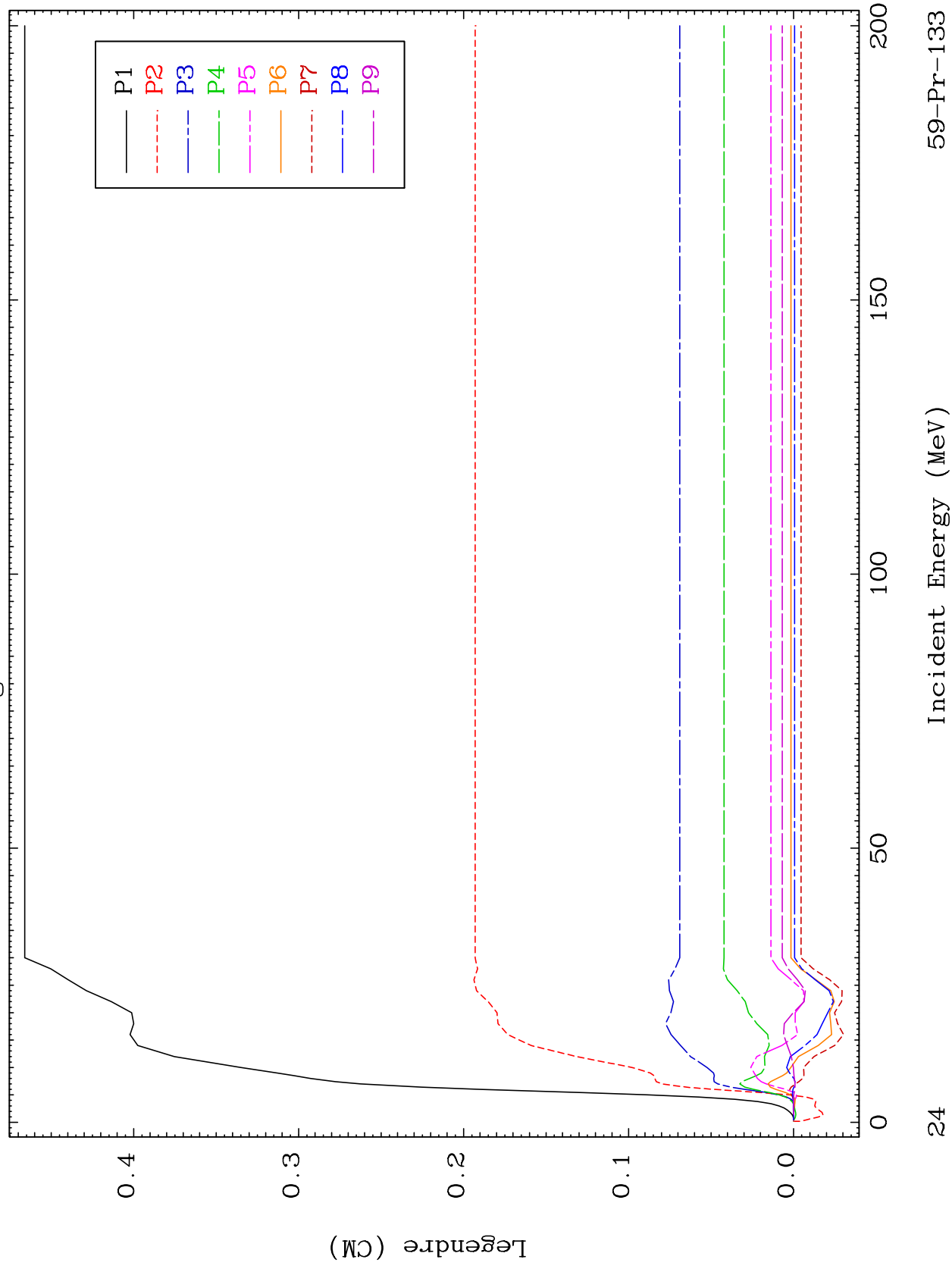




MAT 5901

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

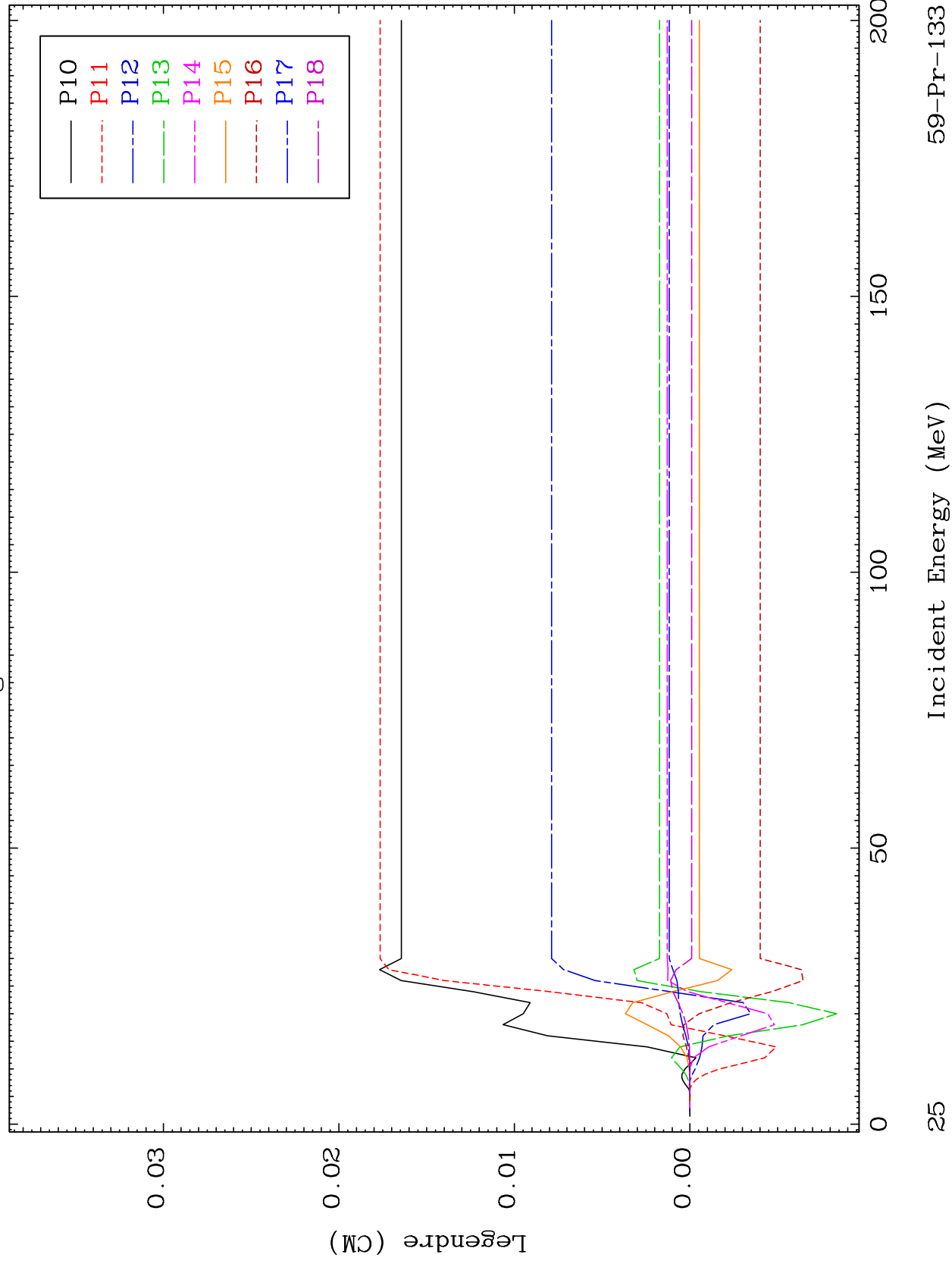
59-Pr-133



MAT 5901

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

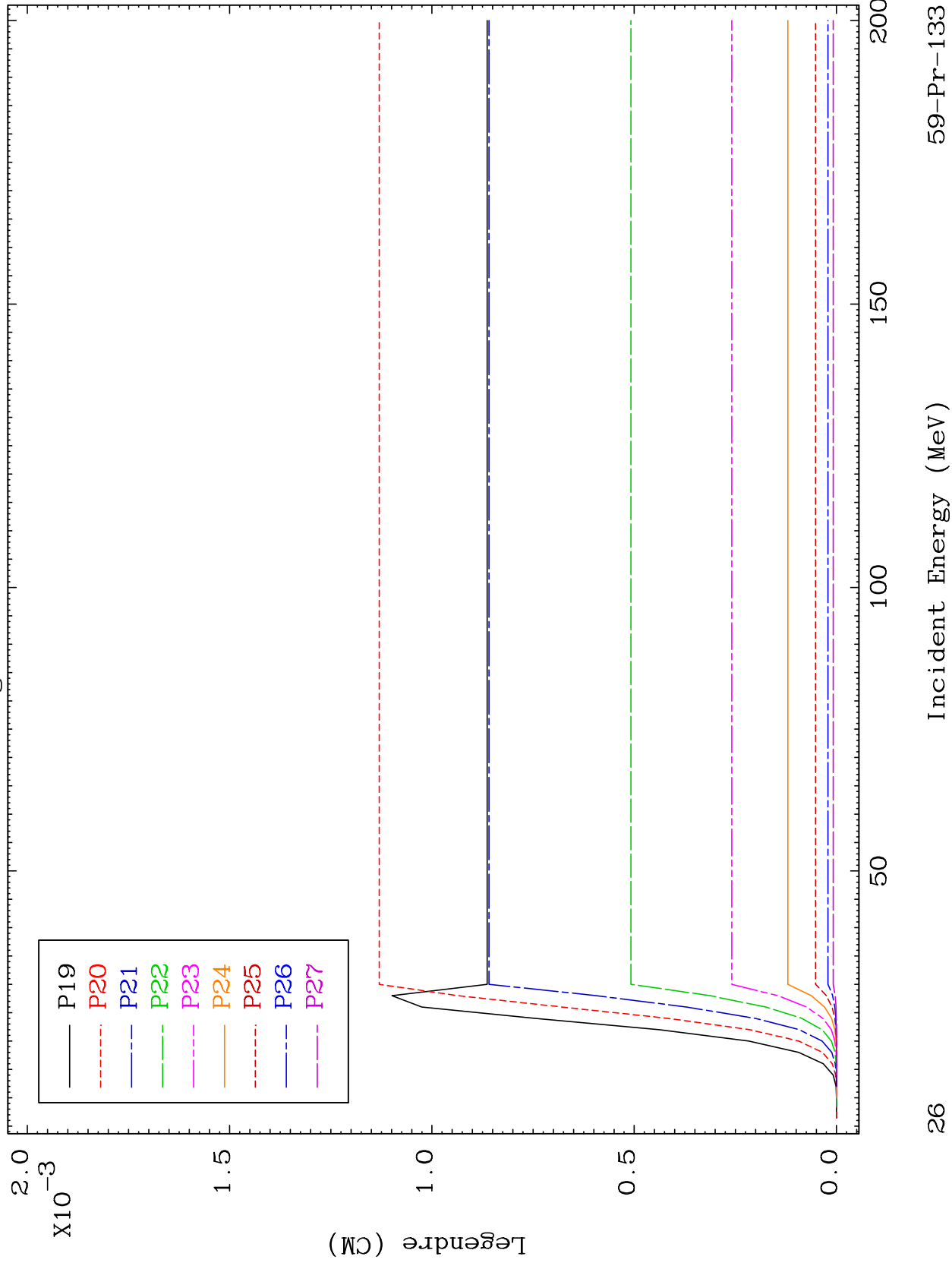
59-Pr-133

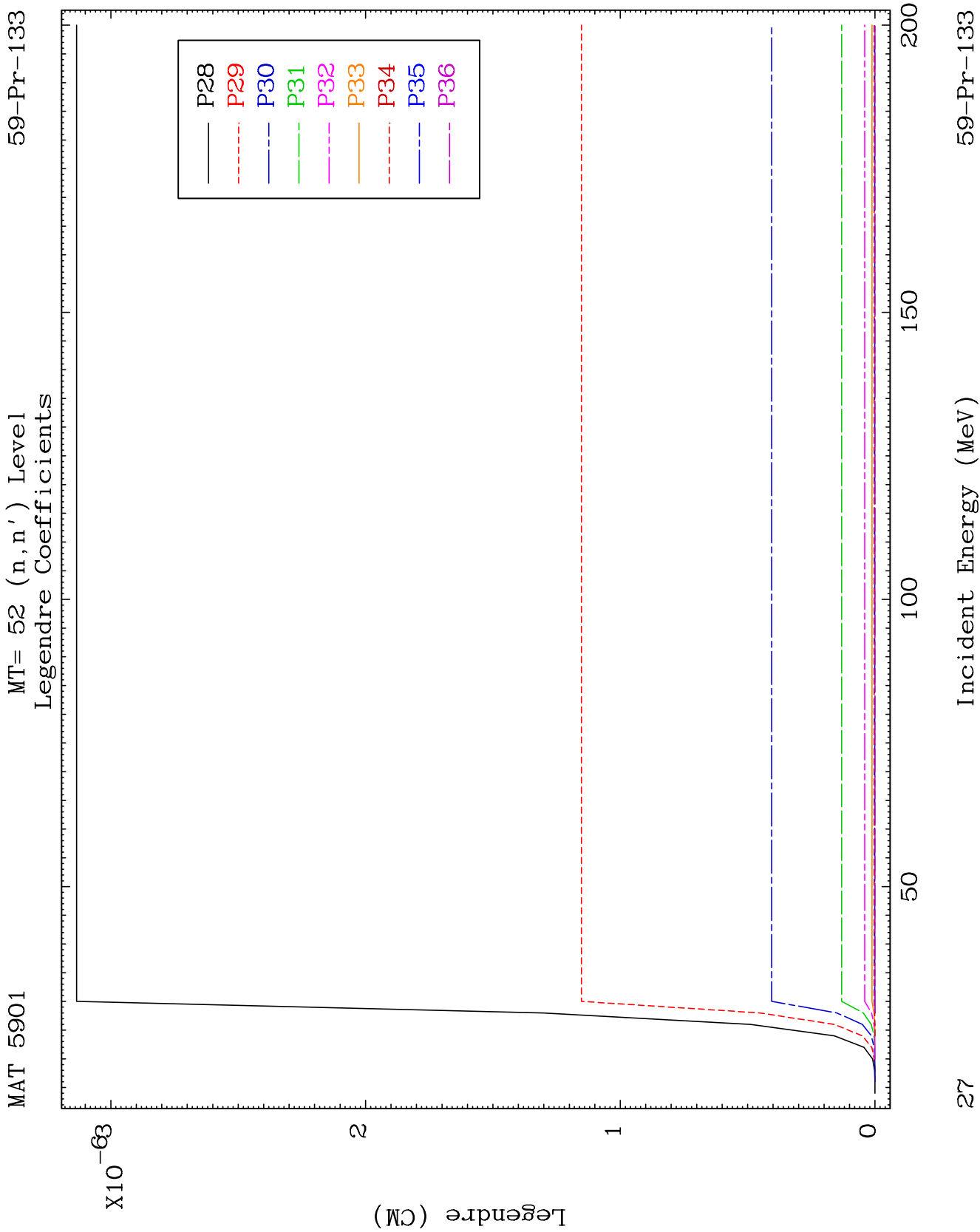


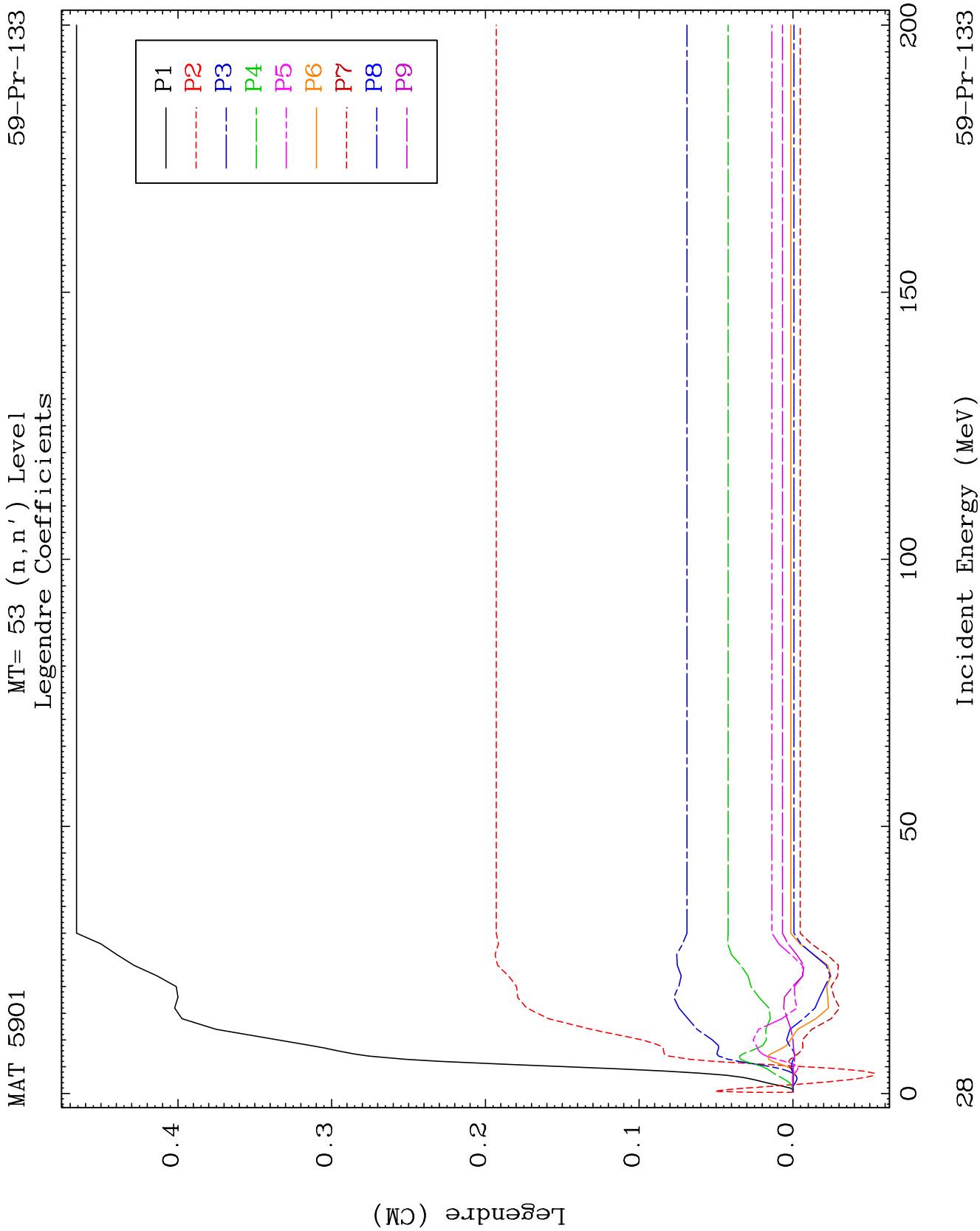
MAT 5901

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

59-Pr-133



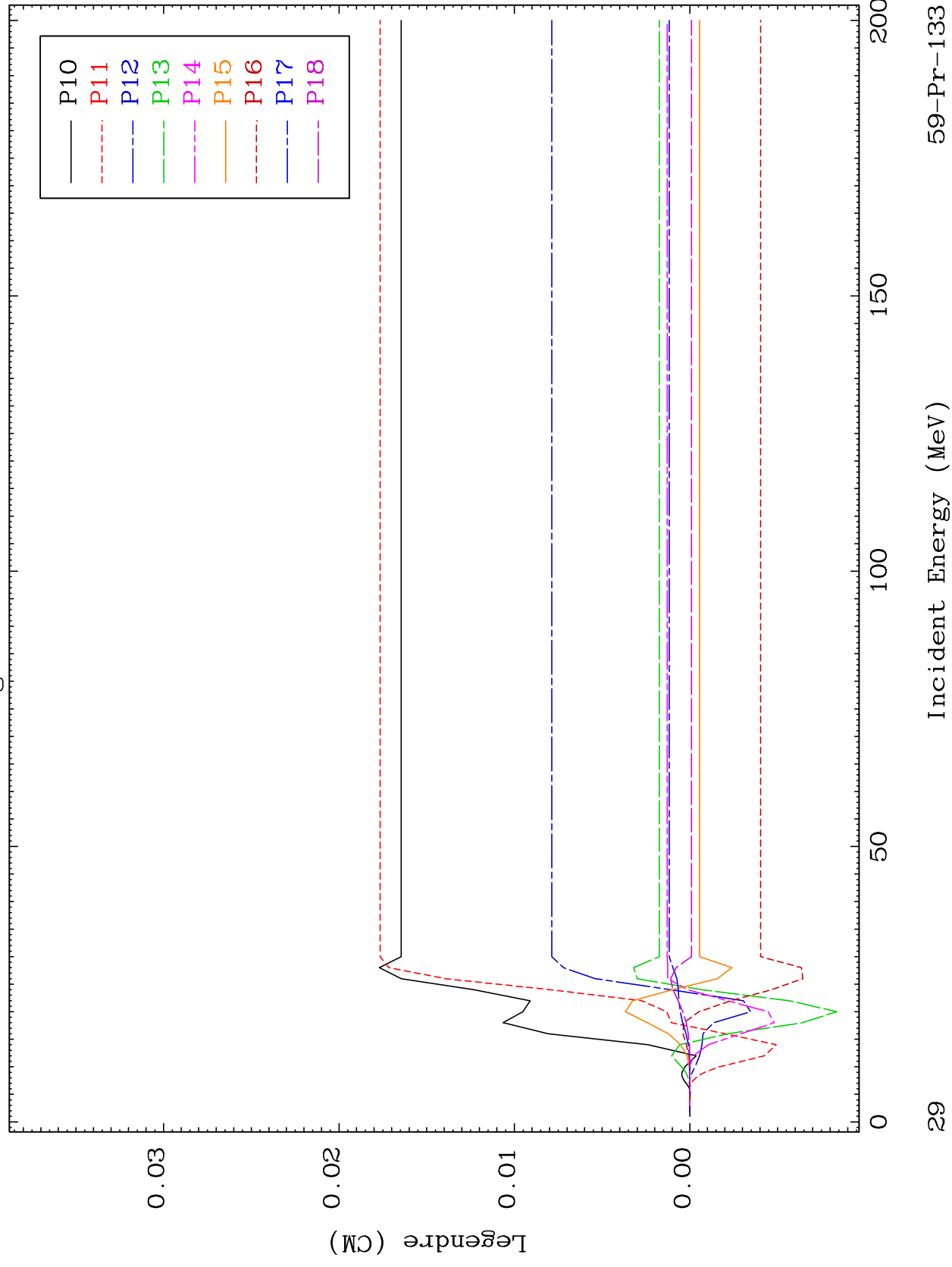




MAT 5901

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

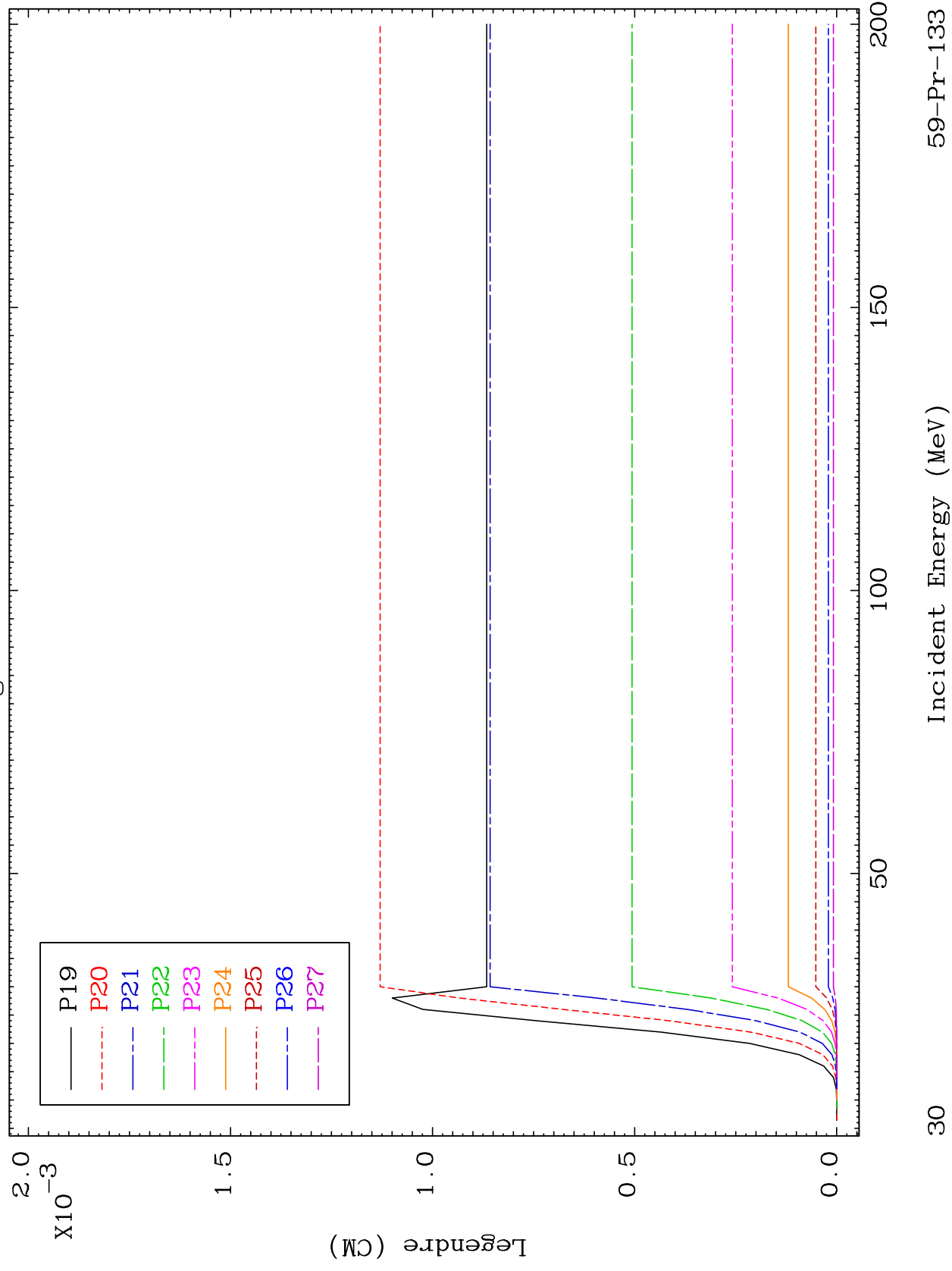
59-Pr-133

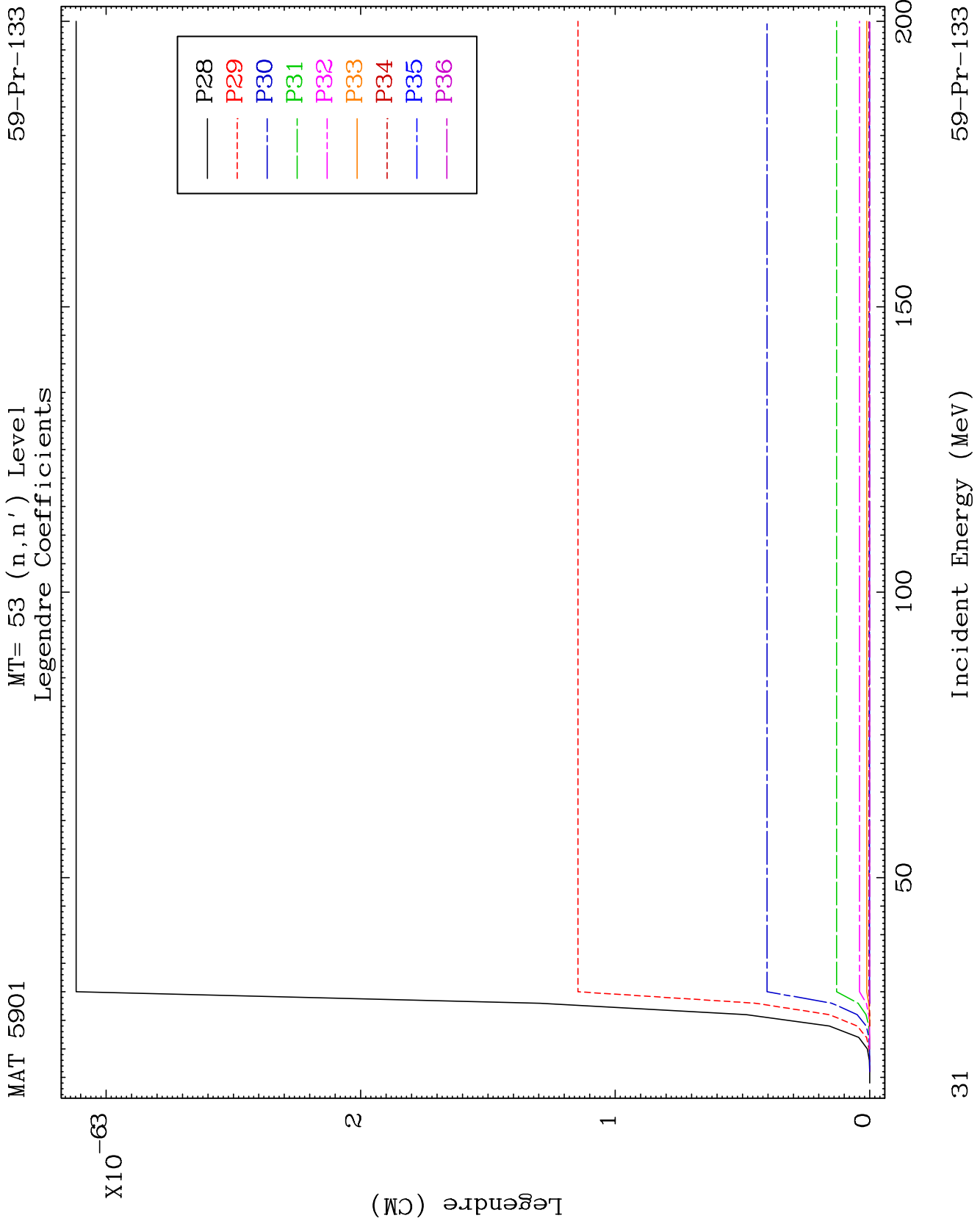


MAT 5901

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

59-Pr-133

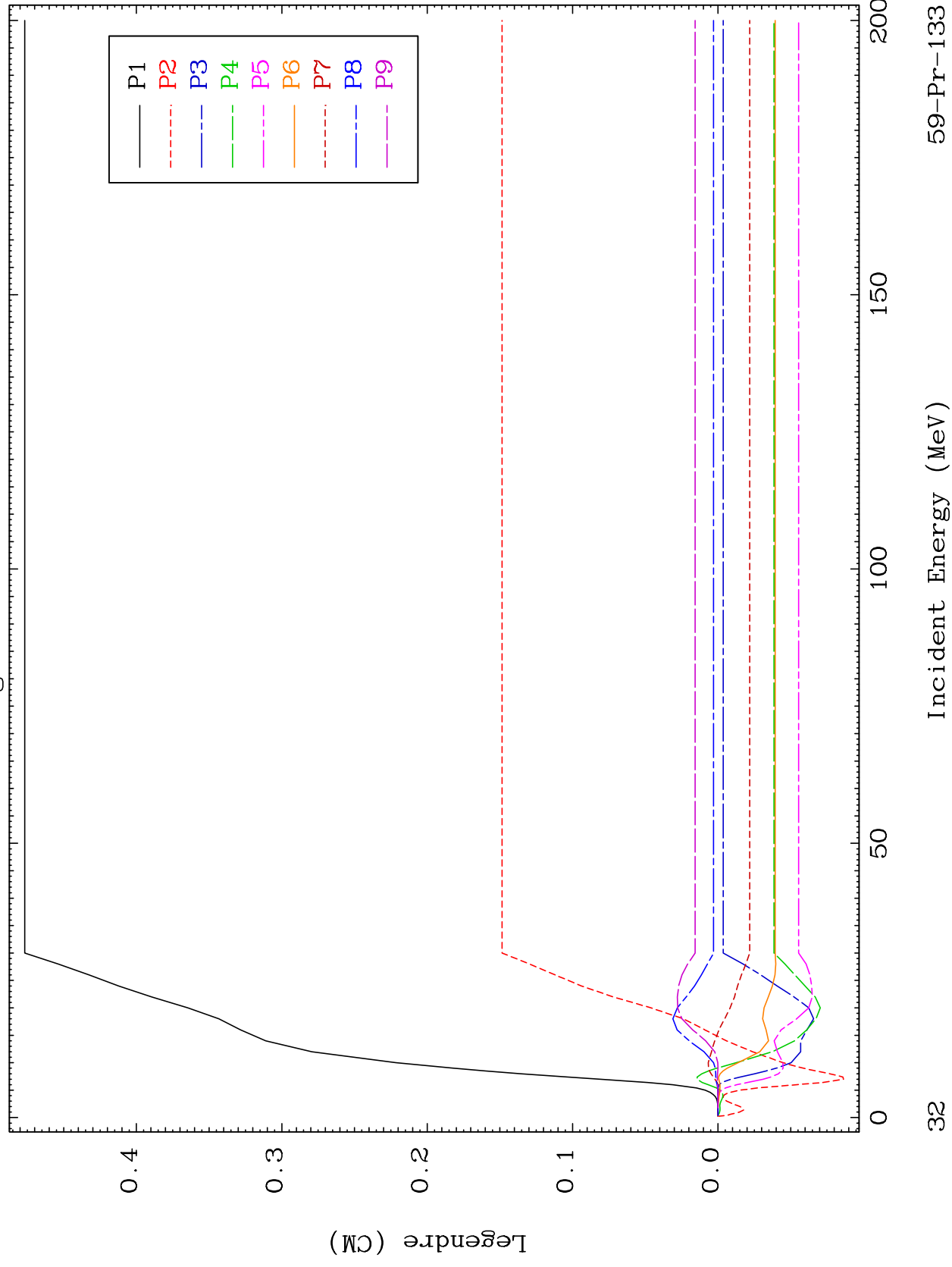




MAT 5901

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

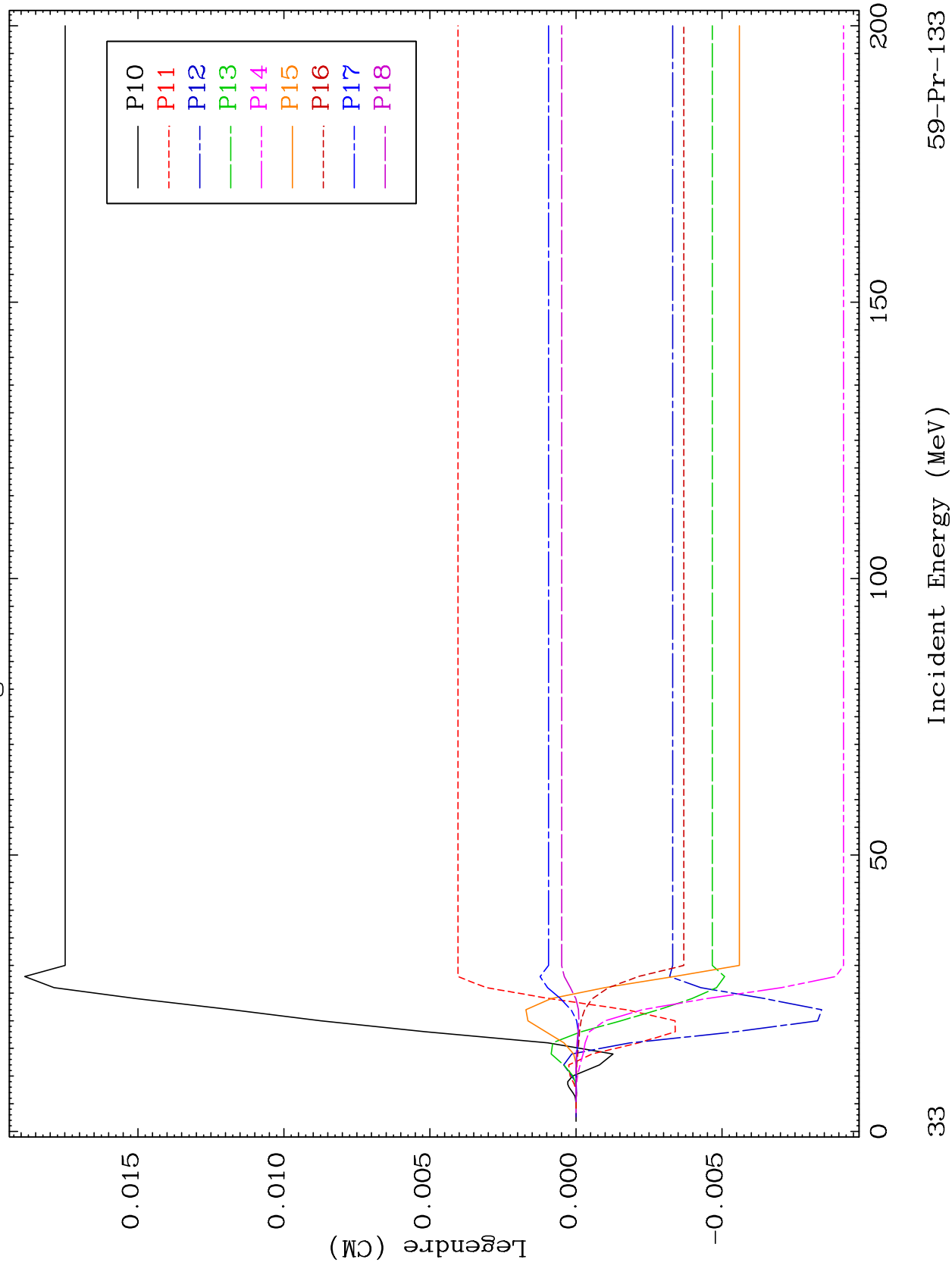
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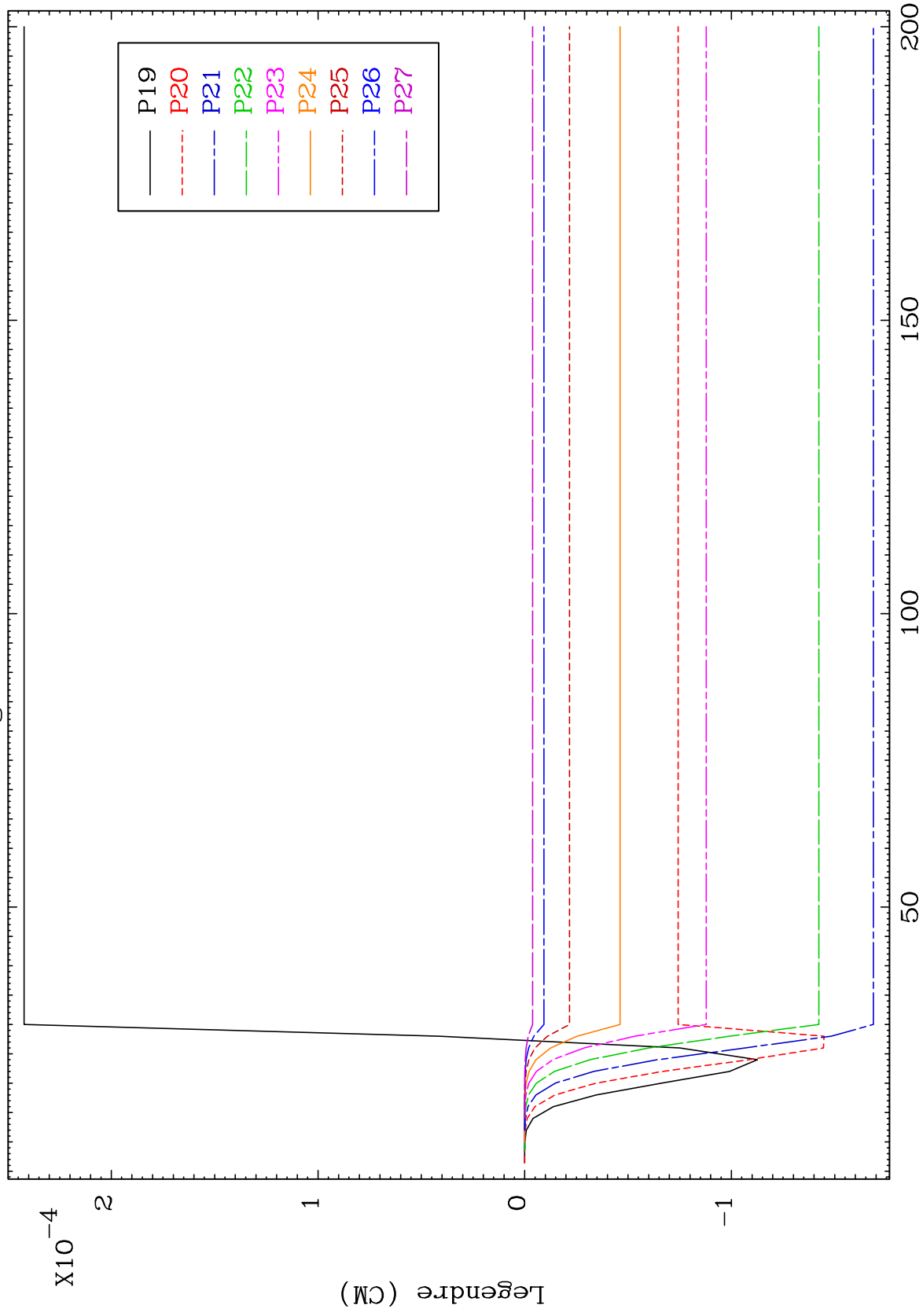


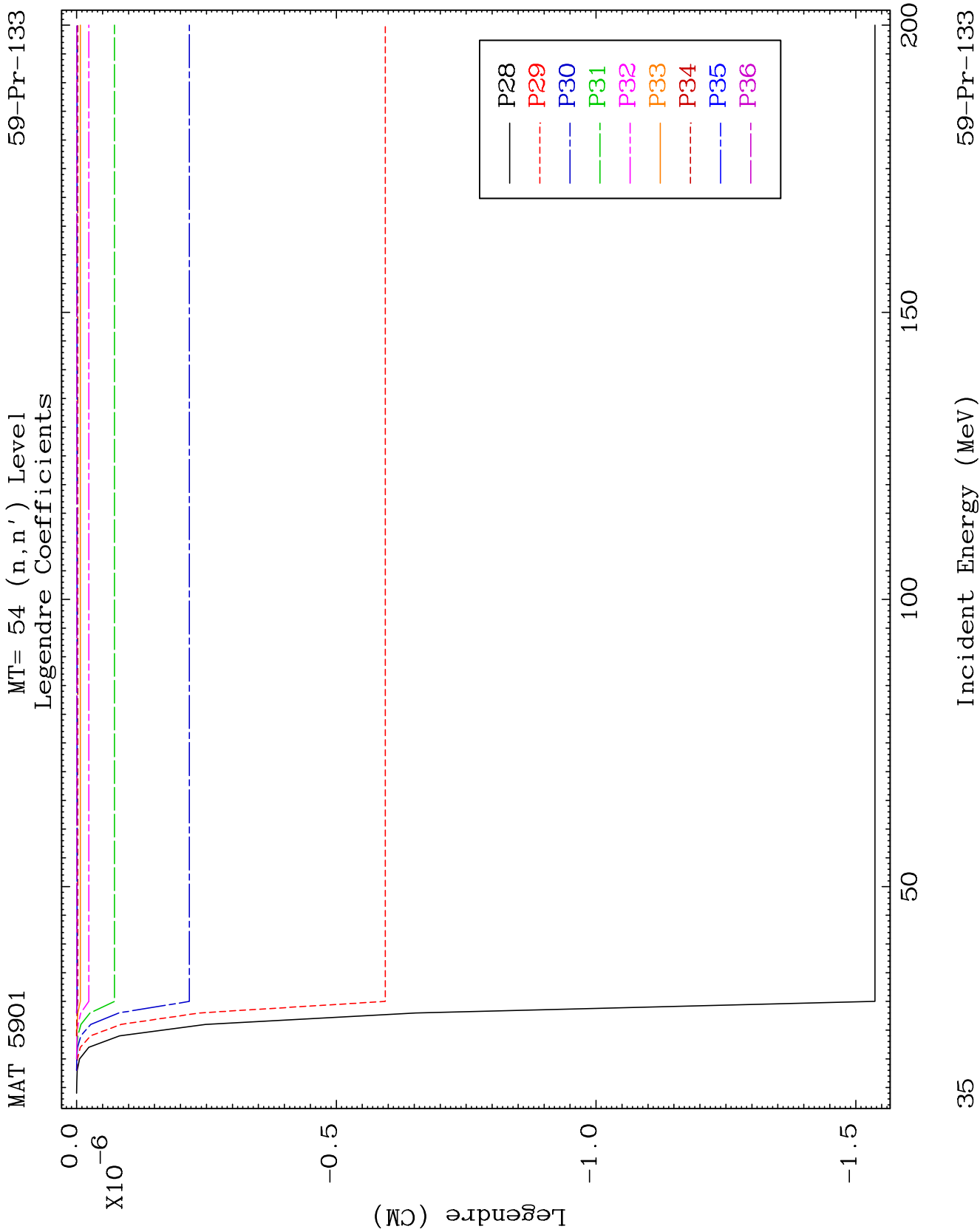
MAT 5901

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

59-Pr-133



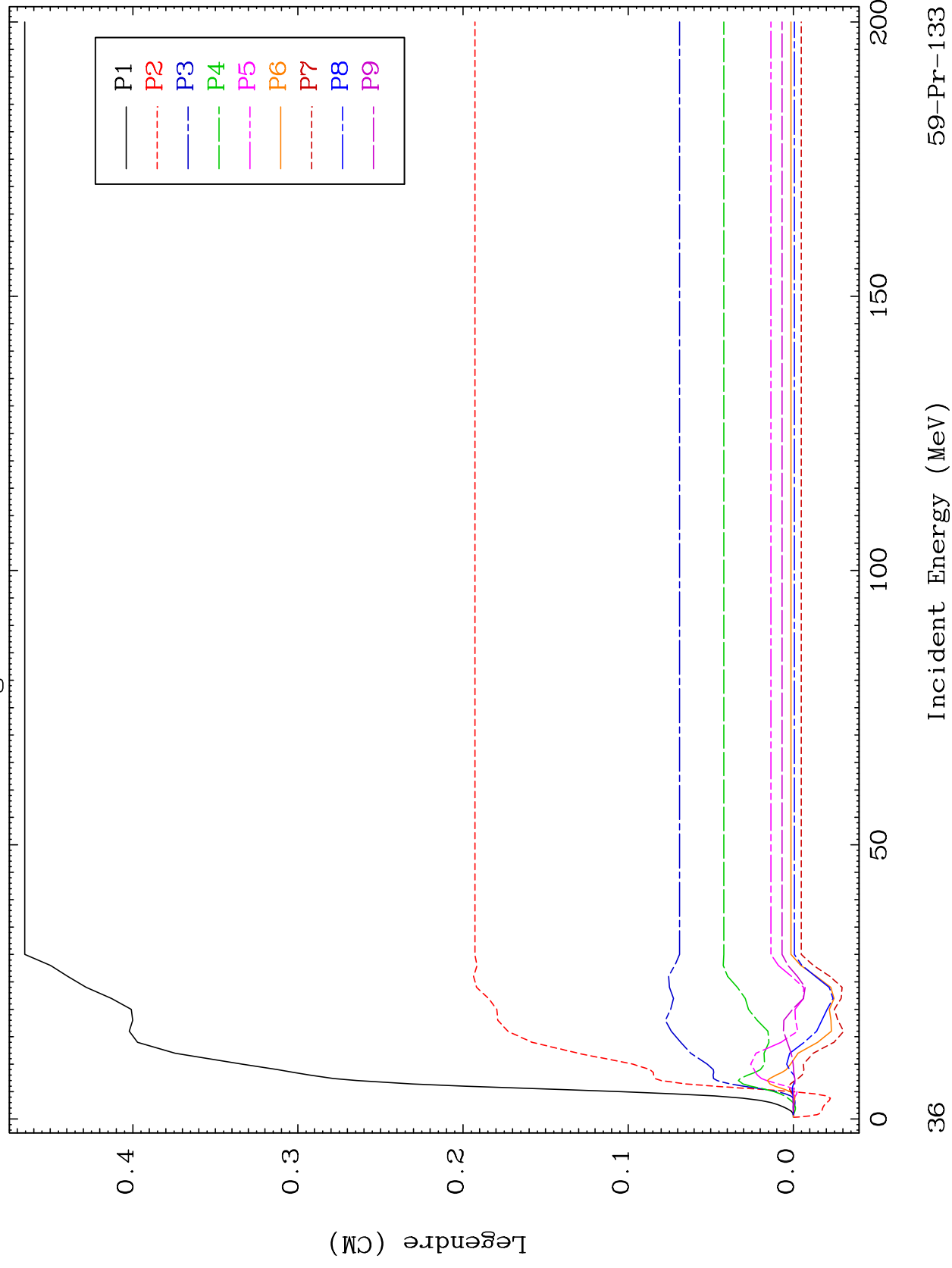


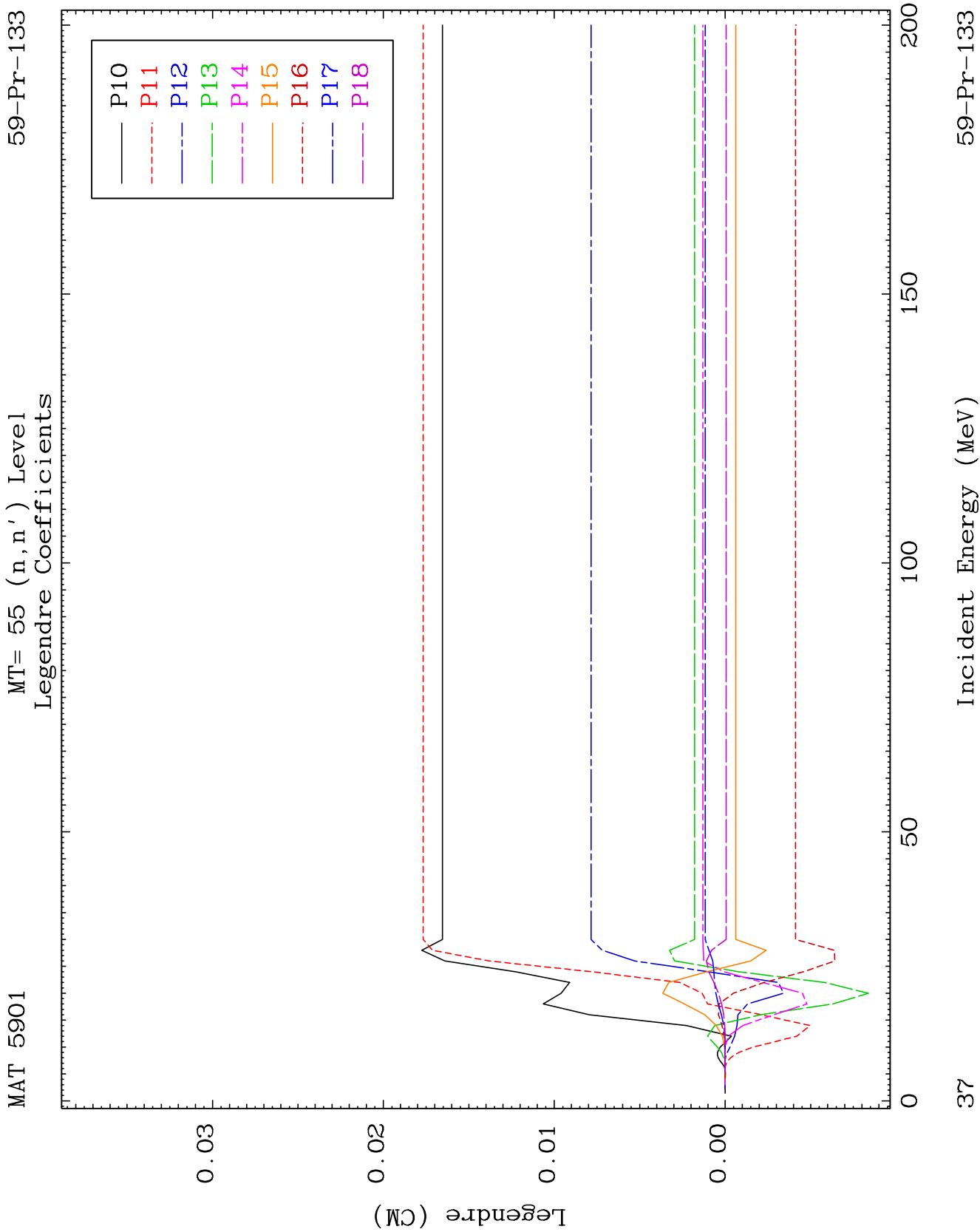


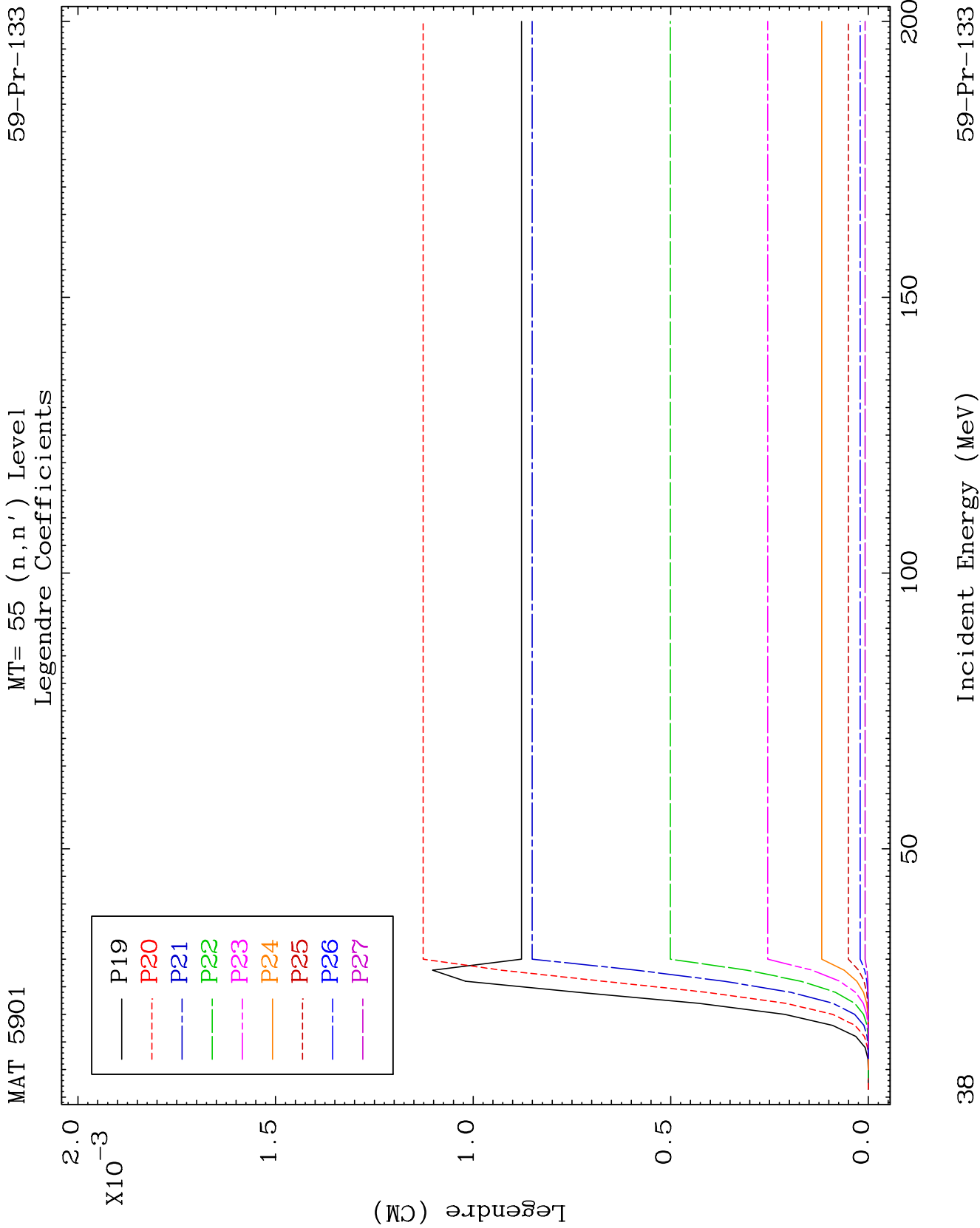
MAT 5901

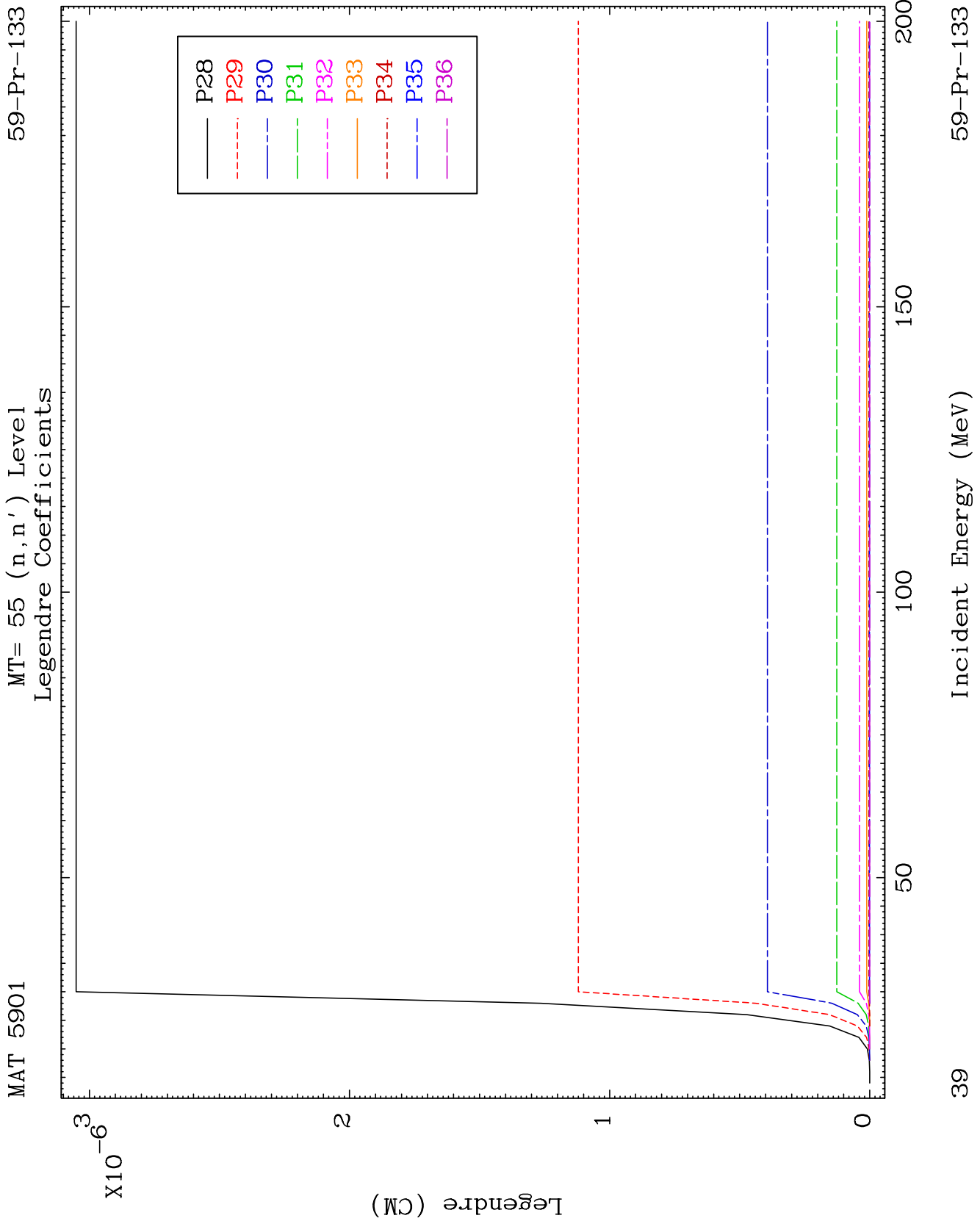
MT= 55 (n, n') Level
Legendre Coefficients

59-Pr-133





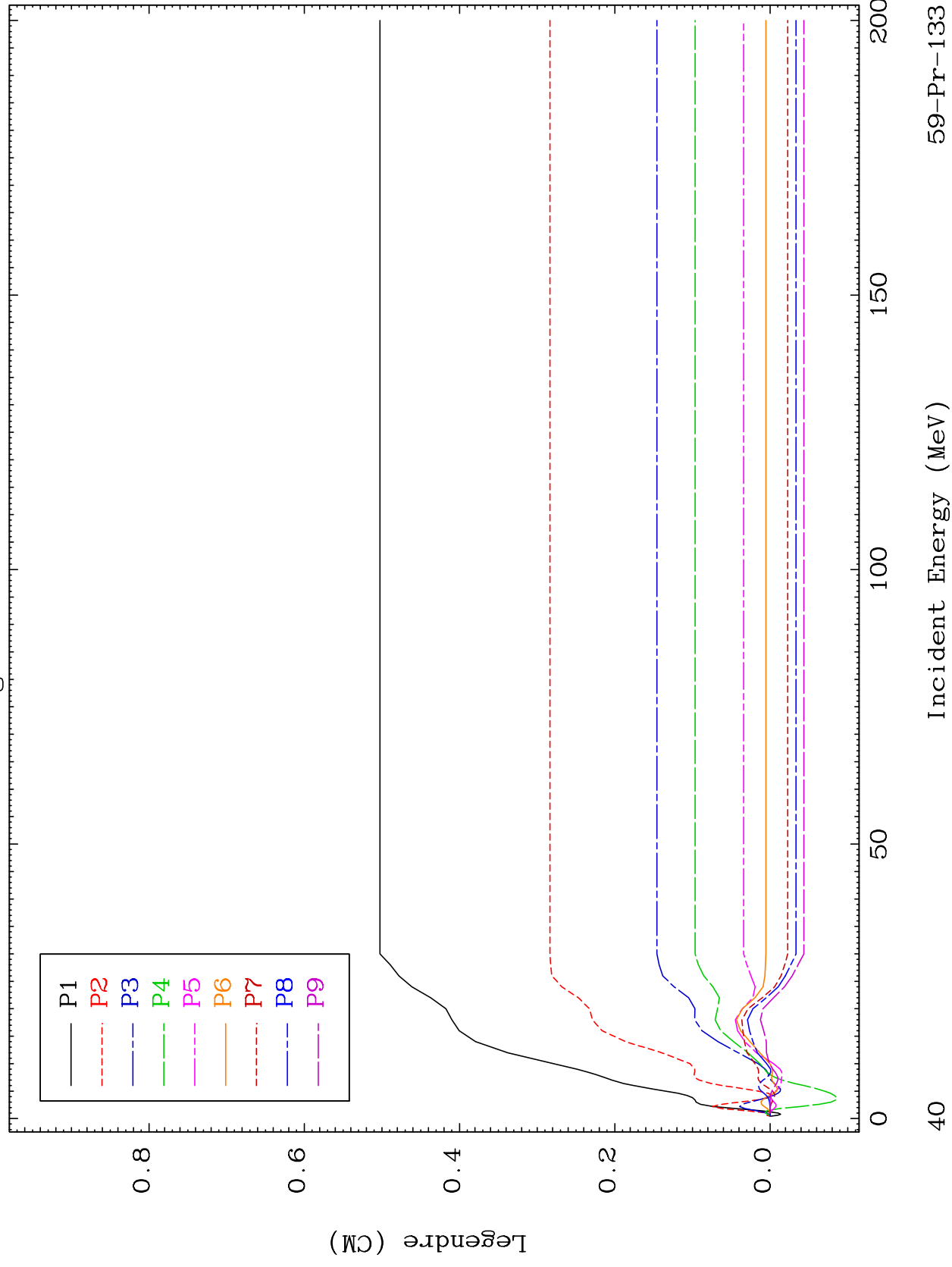


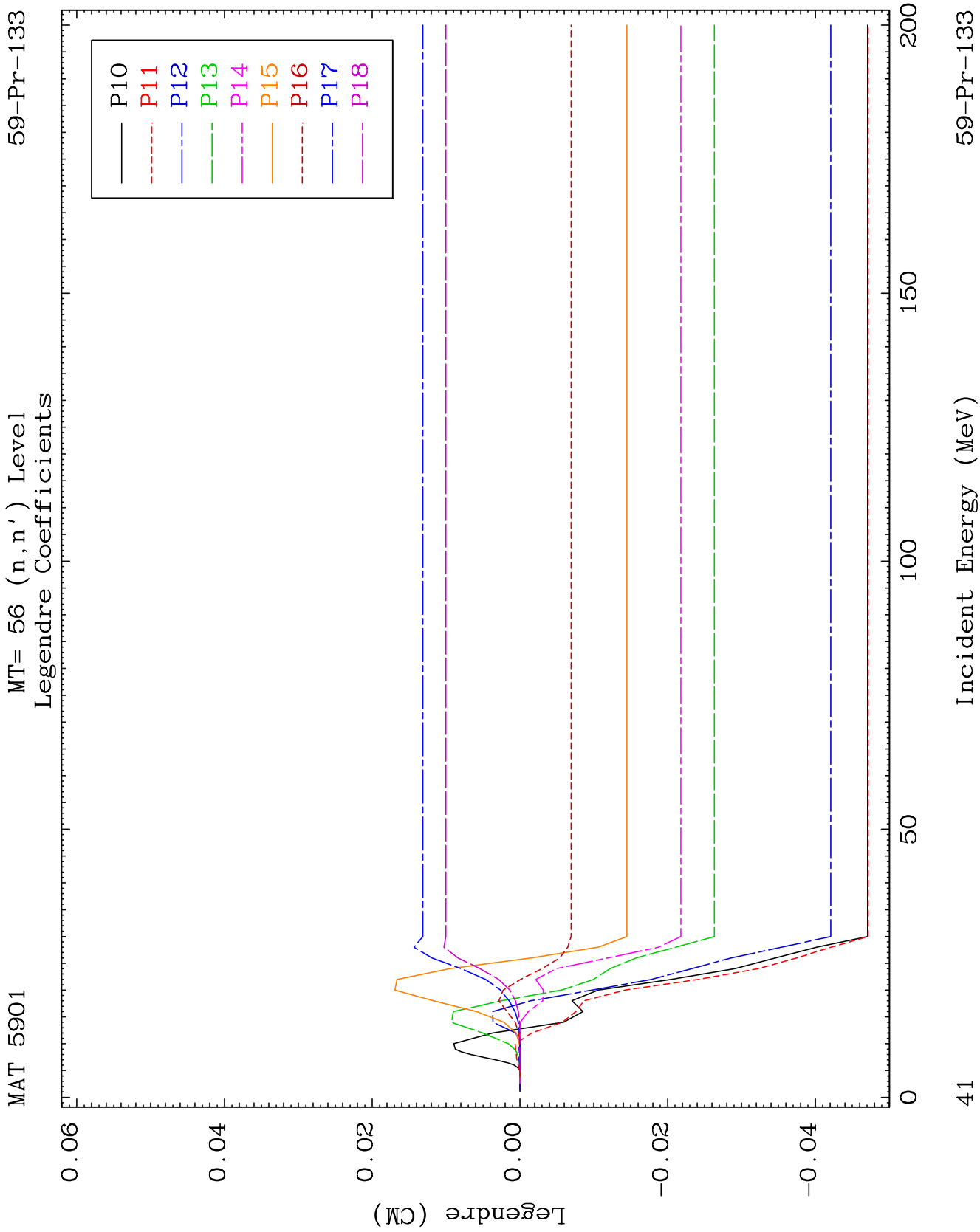


MAT 5901

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

59-Pr-133

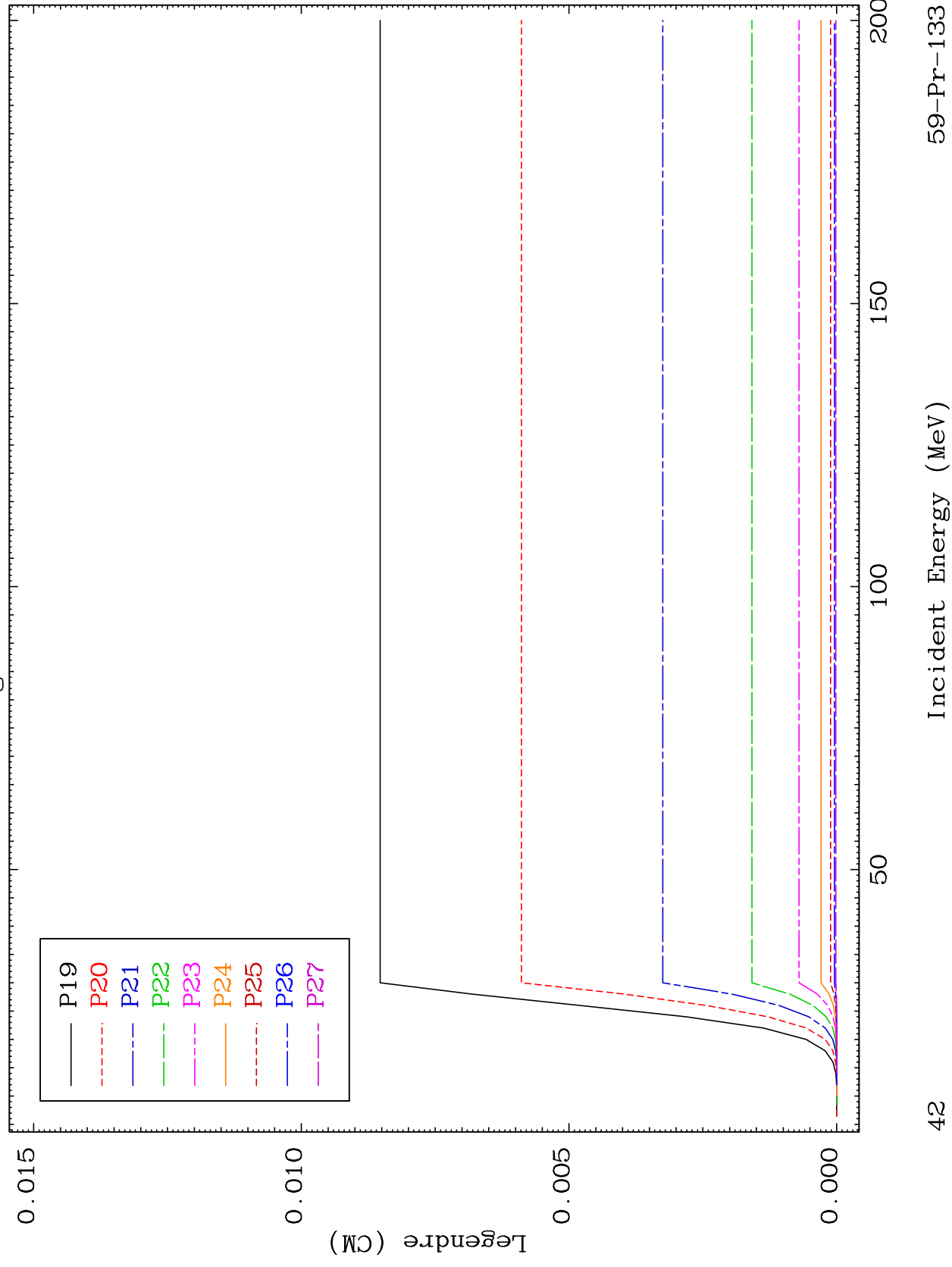


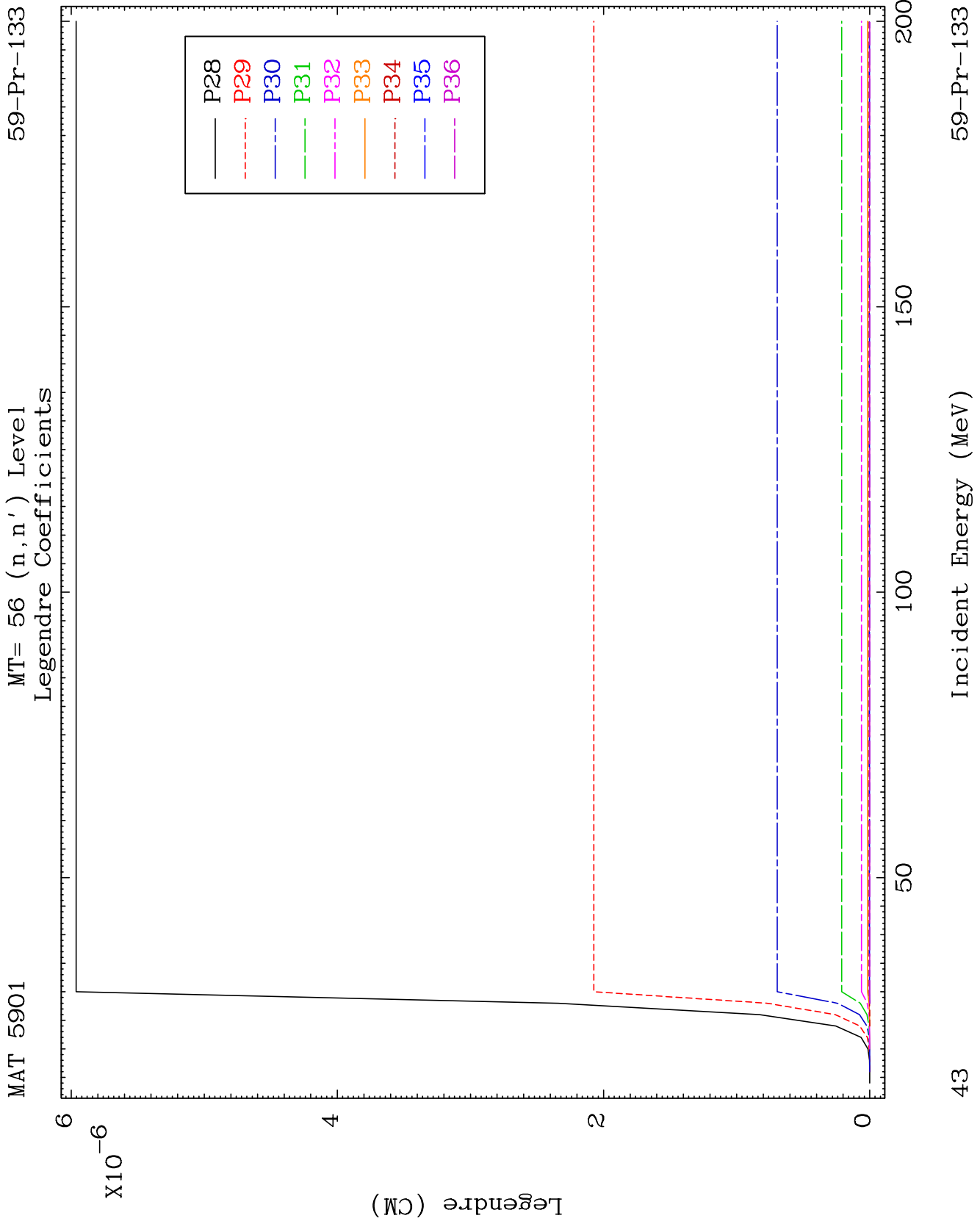


MAT 5901

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

59-Pr-133

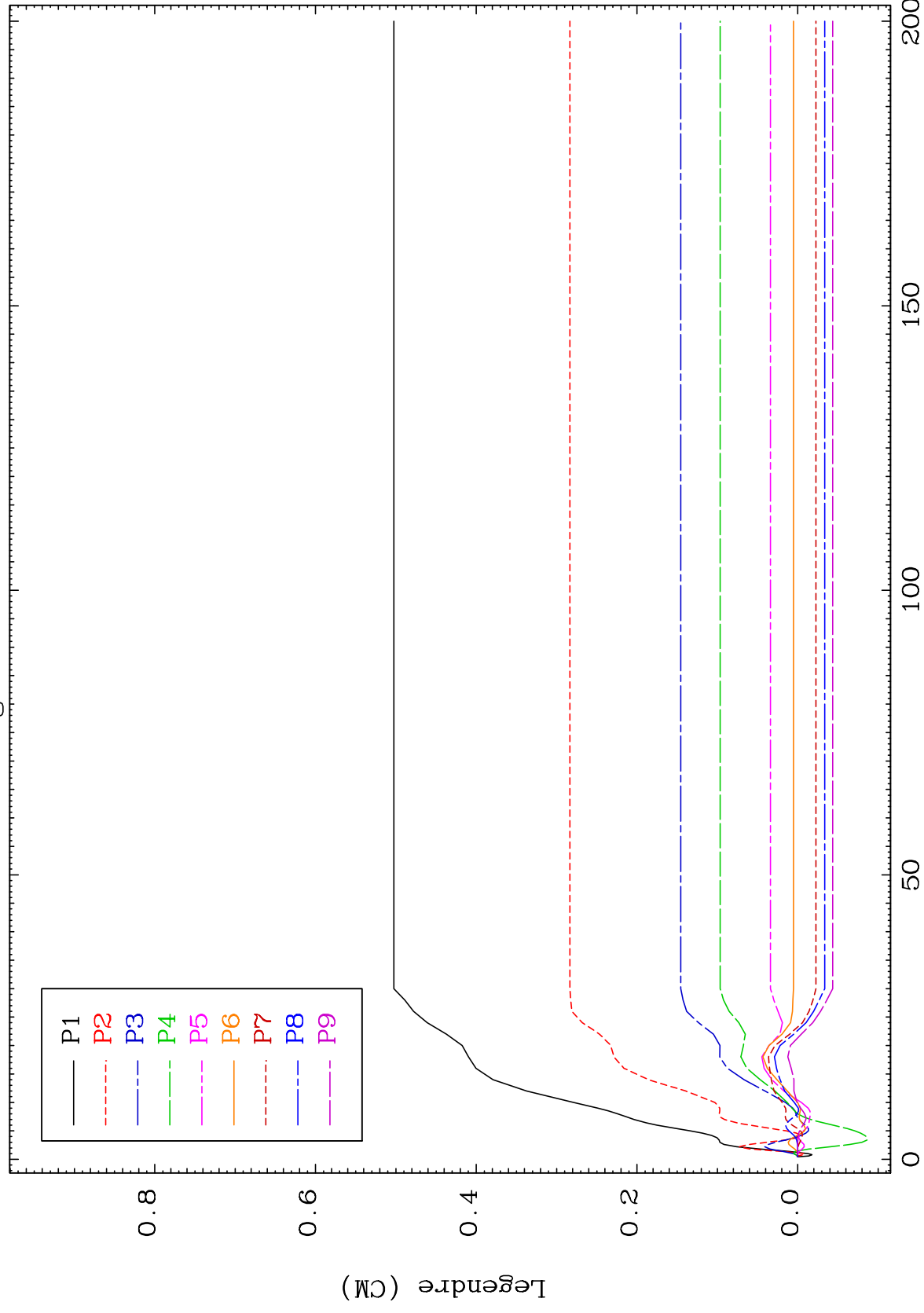




MAT 5901

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

59-Pr-133



44

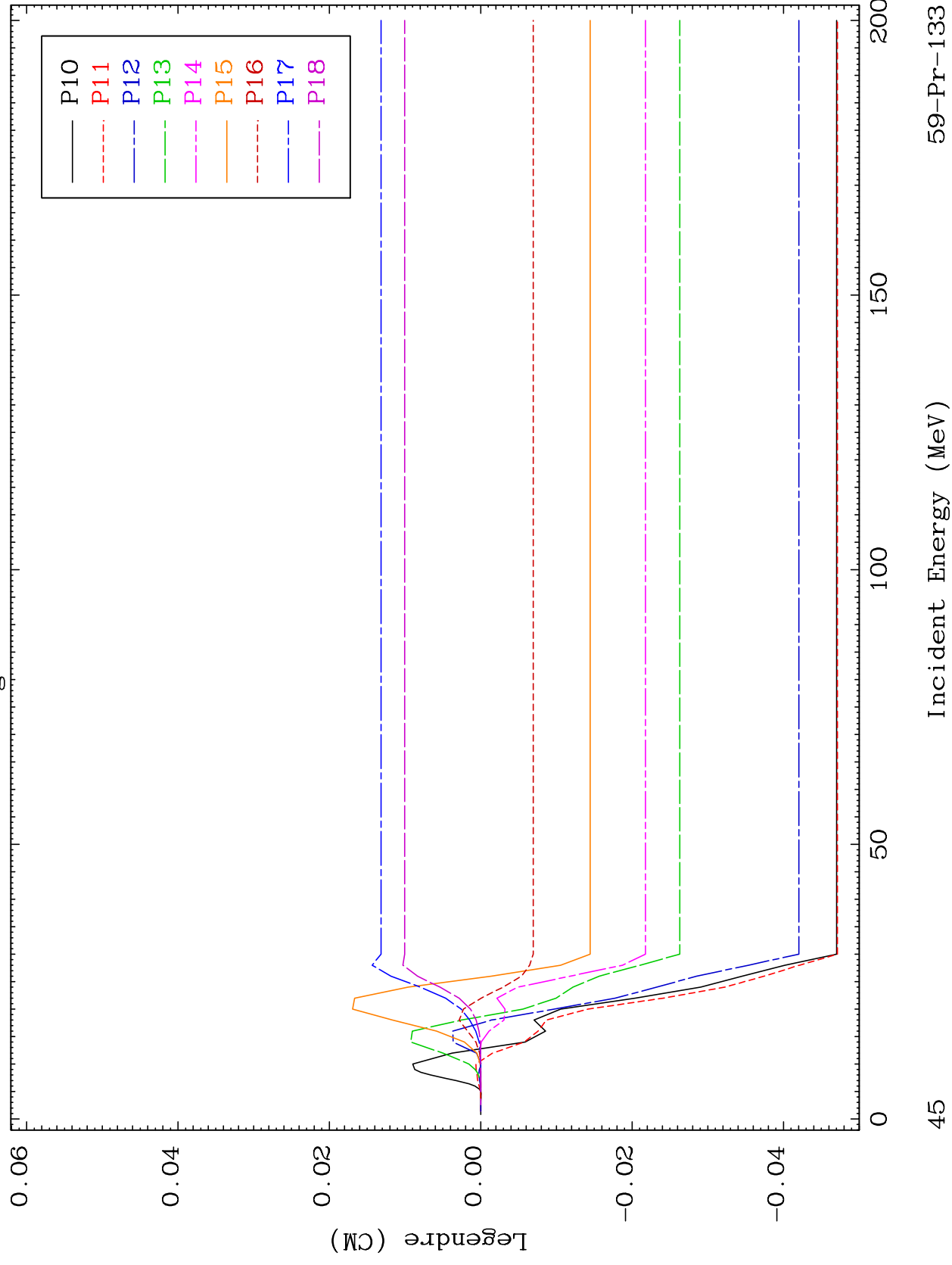
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

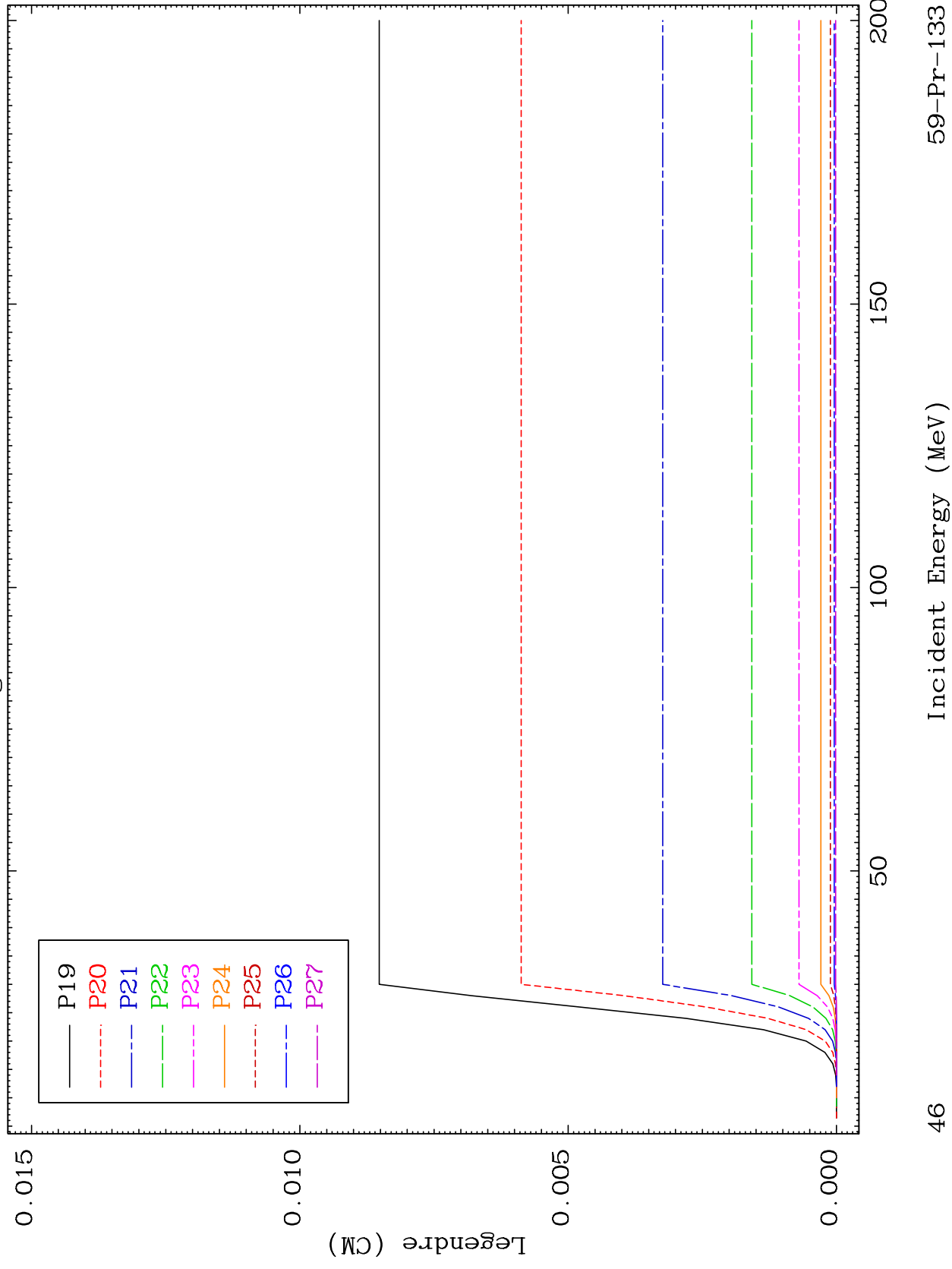
59-Pr-133

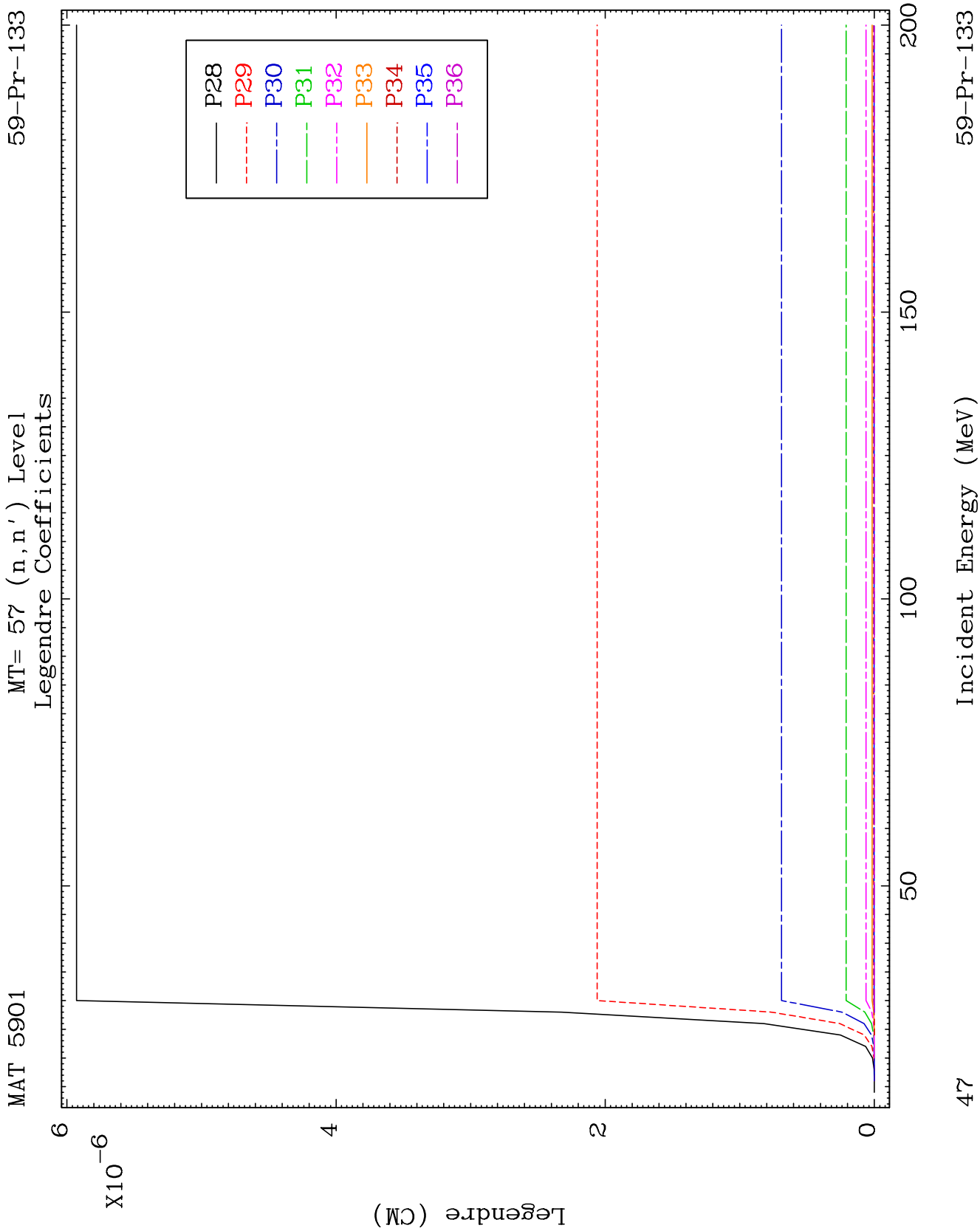


MAT 5901

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

59-Pr-133

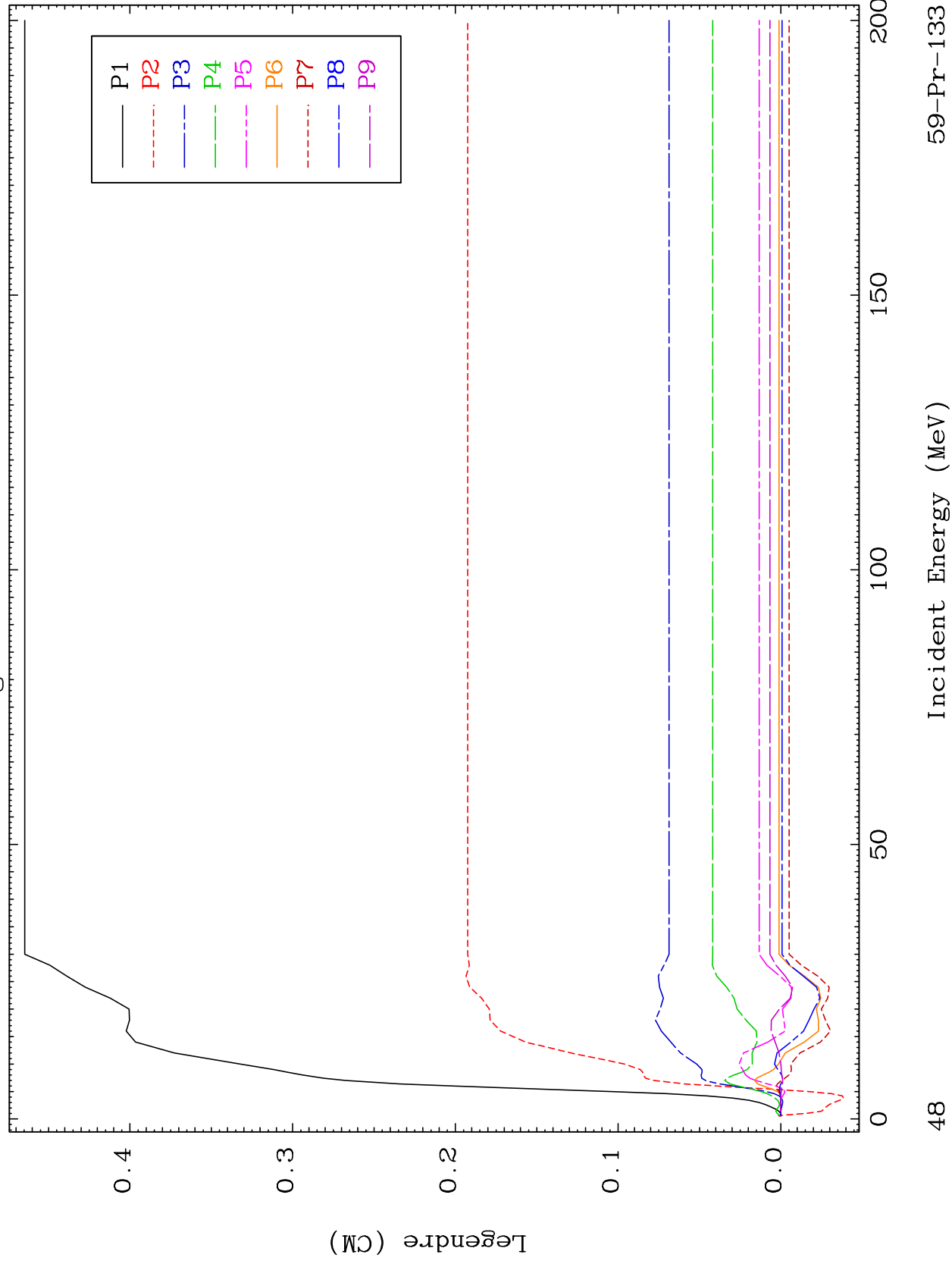


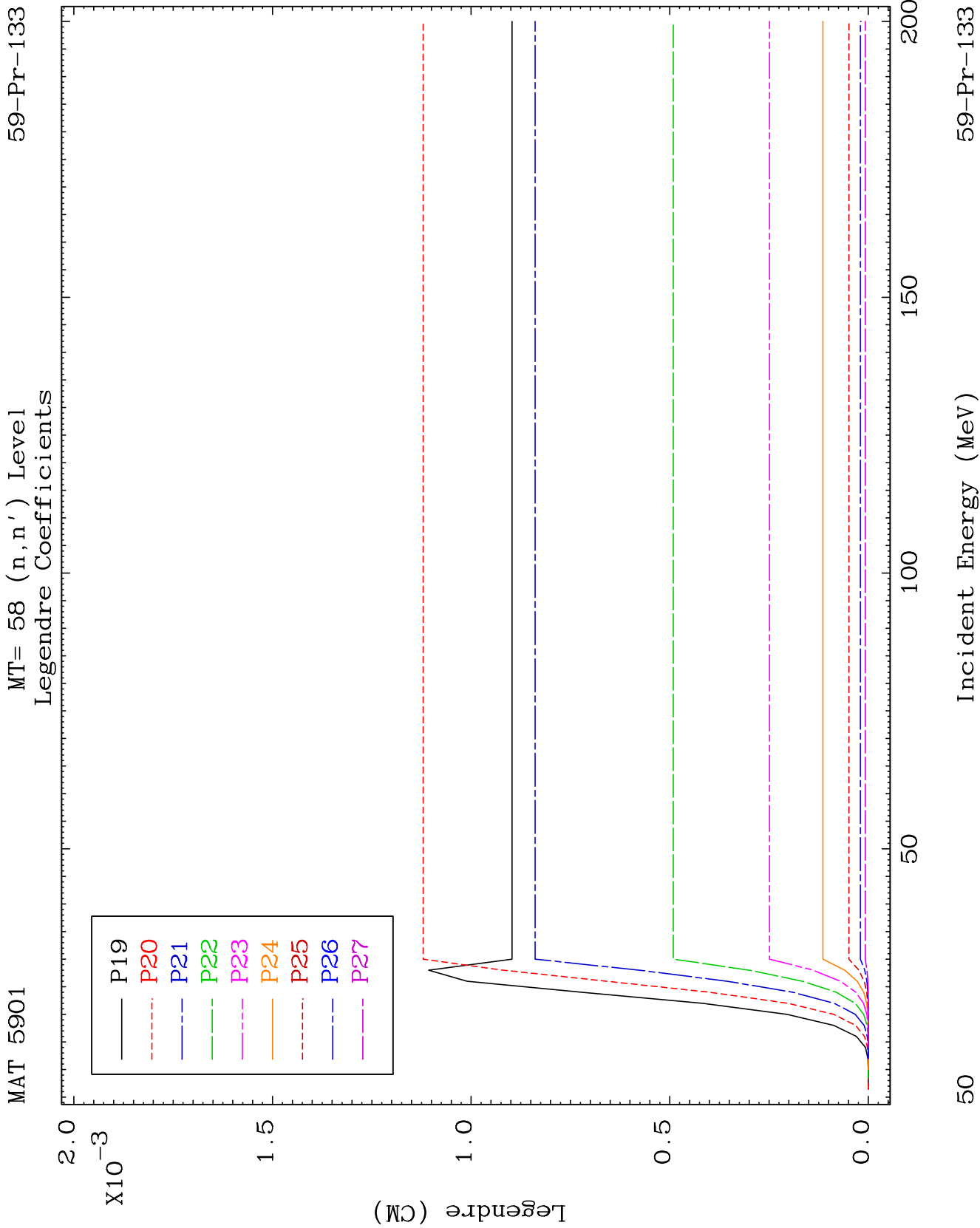


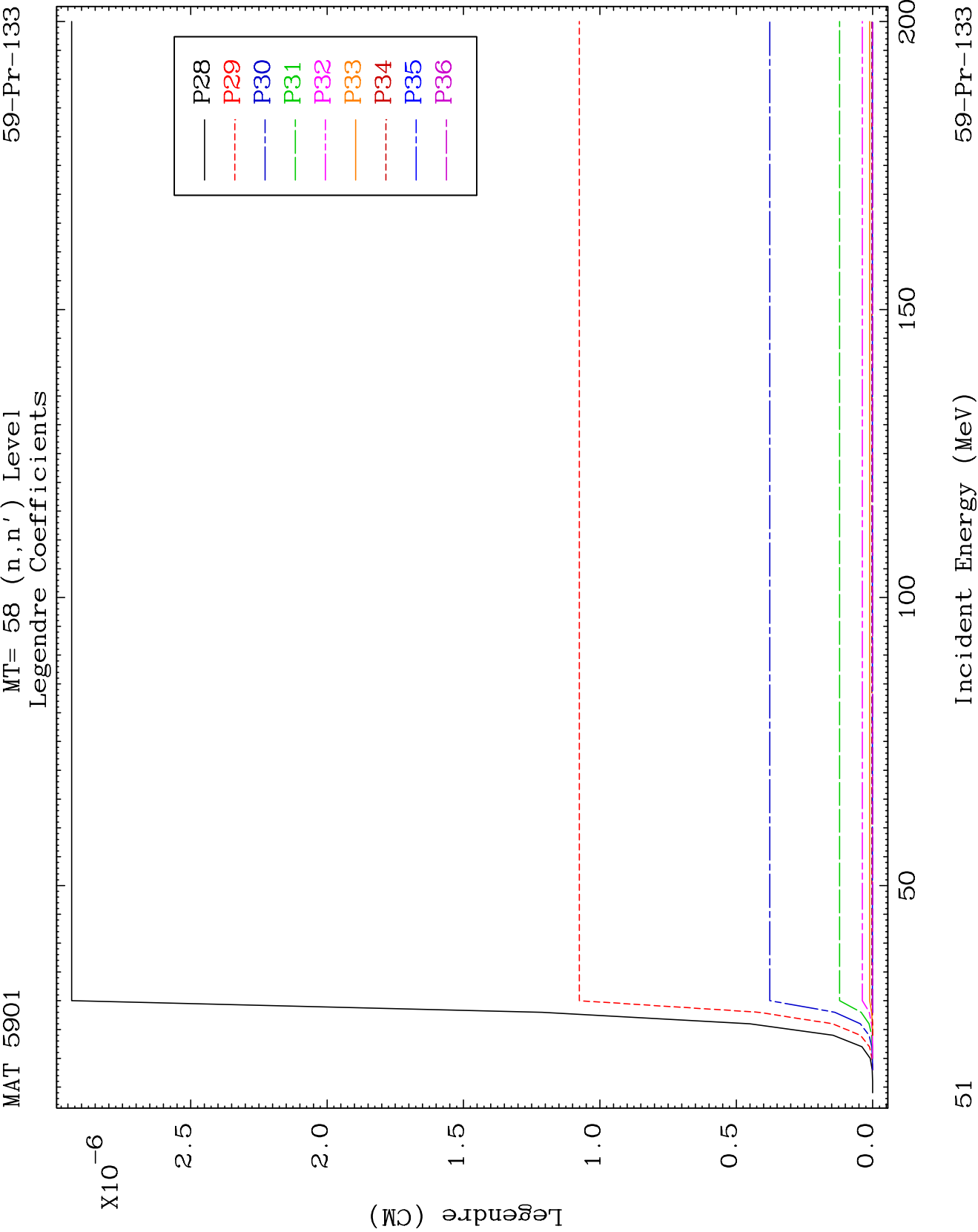
MAT 5901

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

59-Pr-133



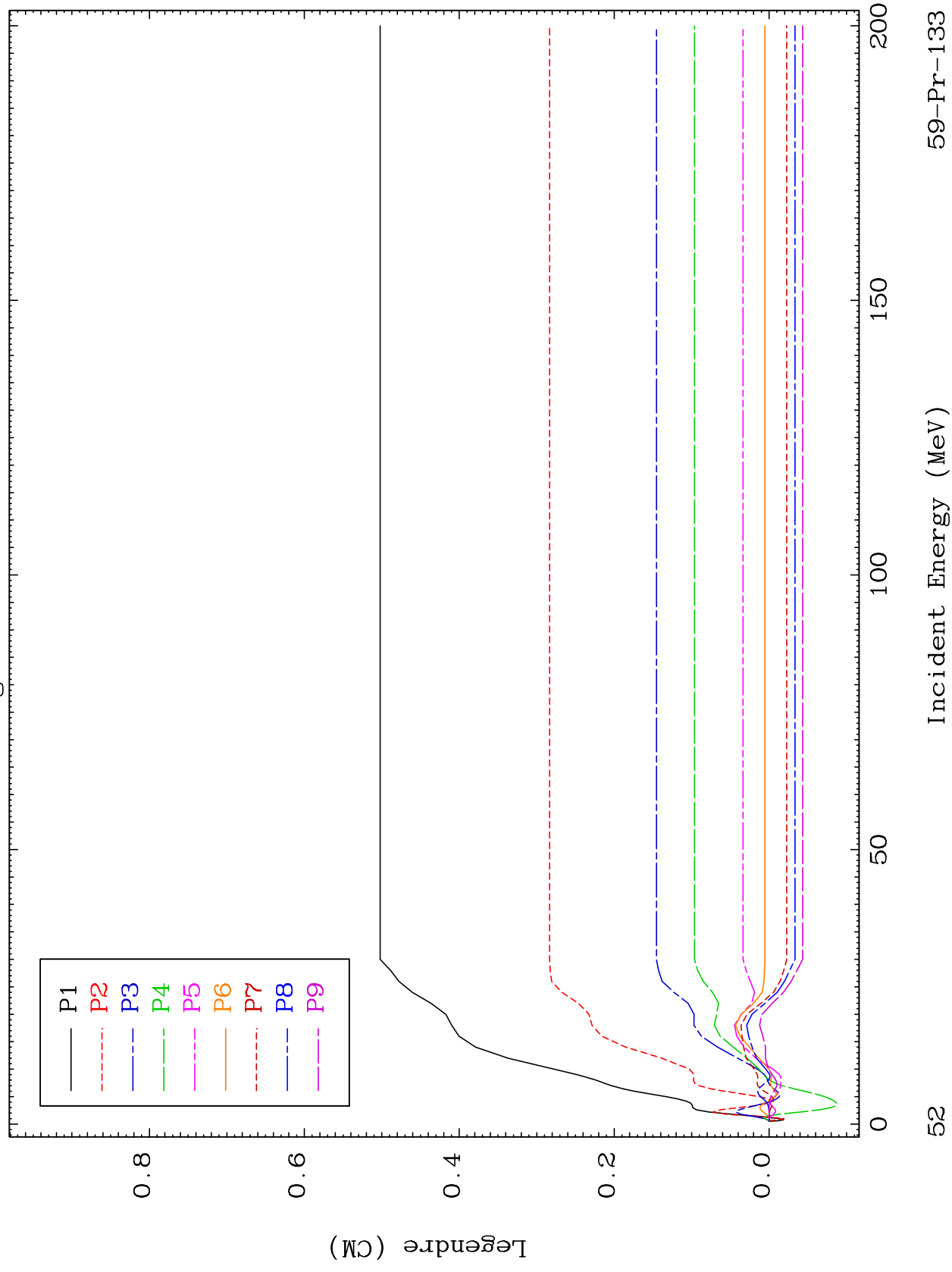




MAT 5901

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

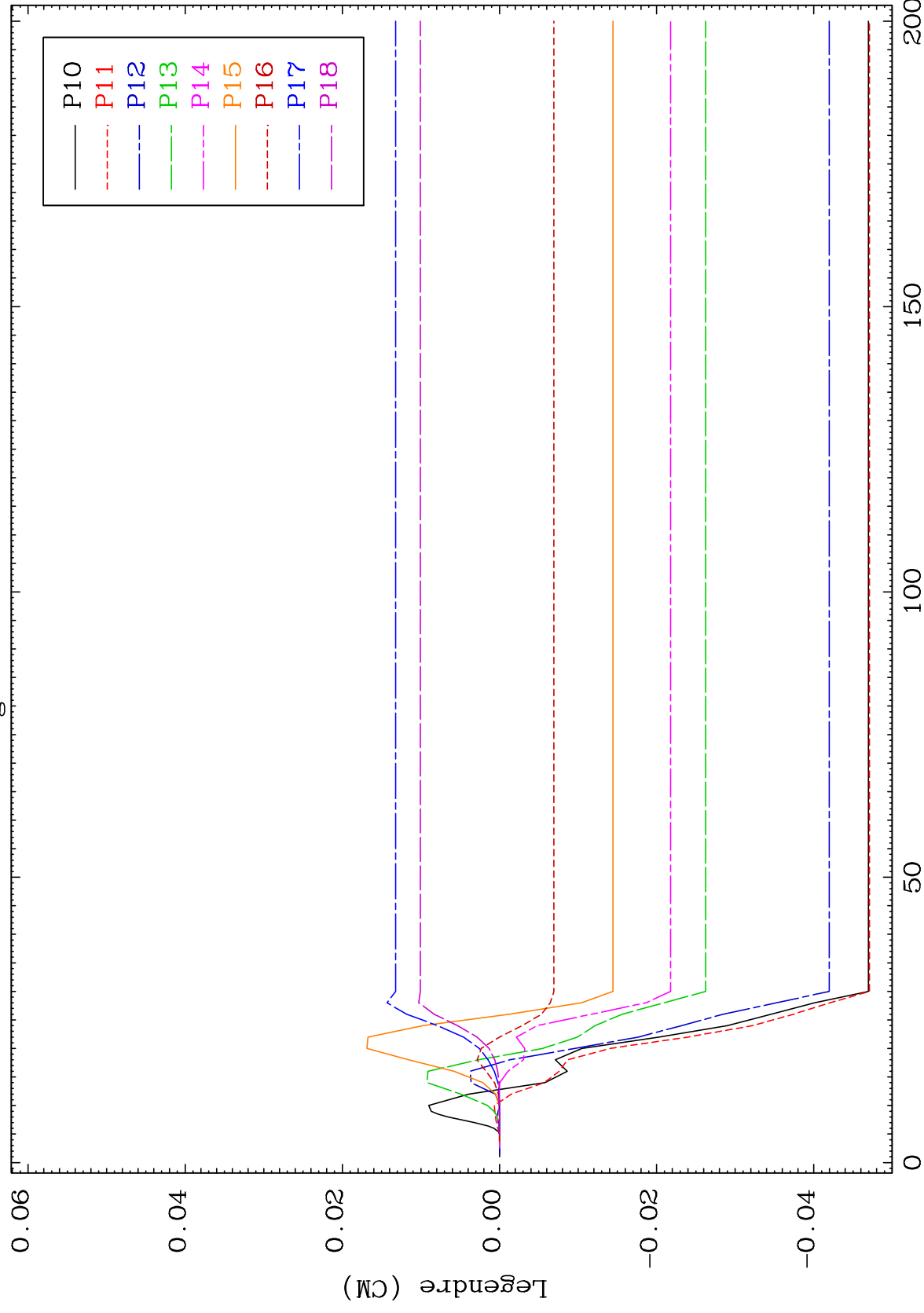
59-Pr-133



MAT 5901

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

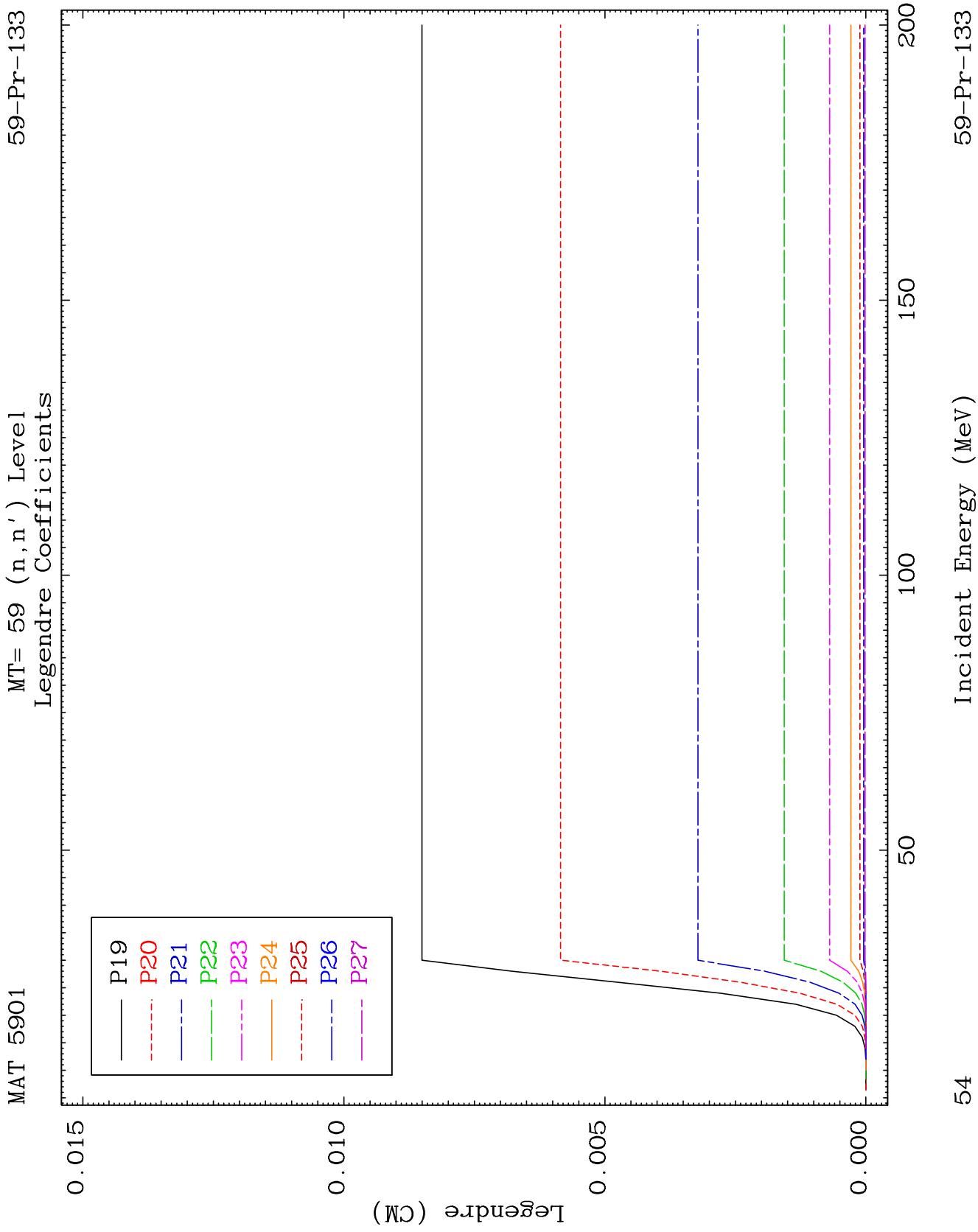
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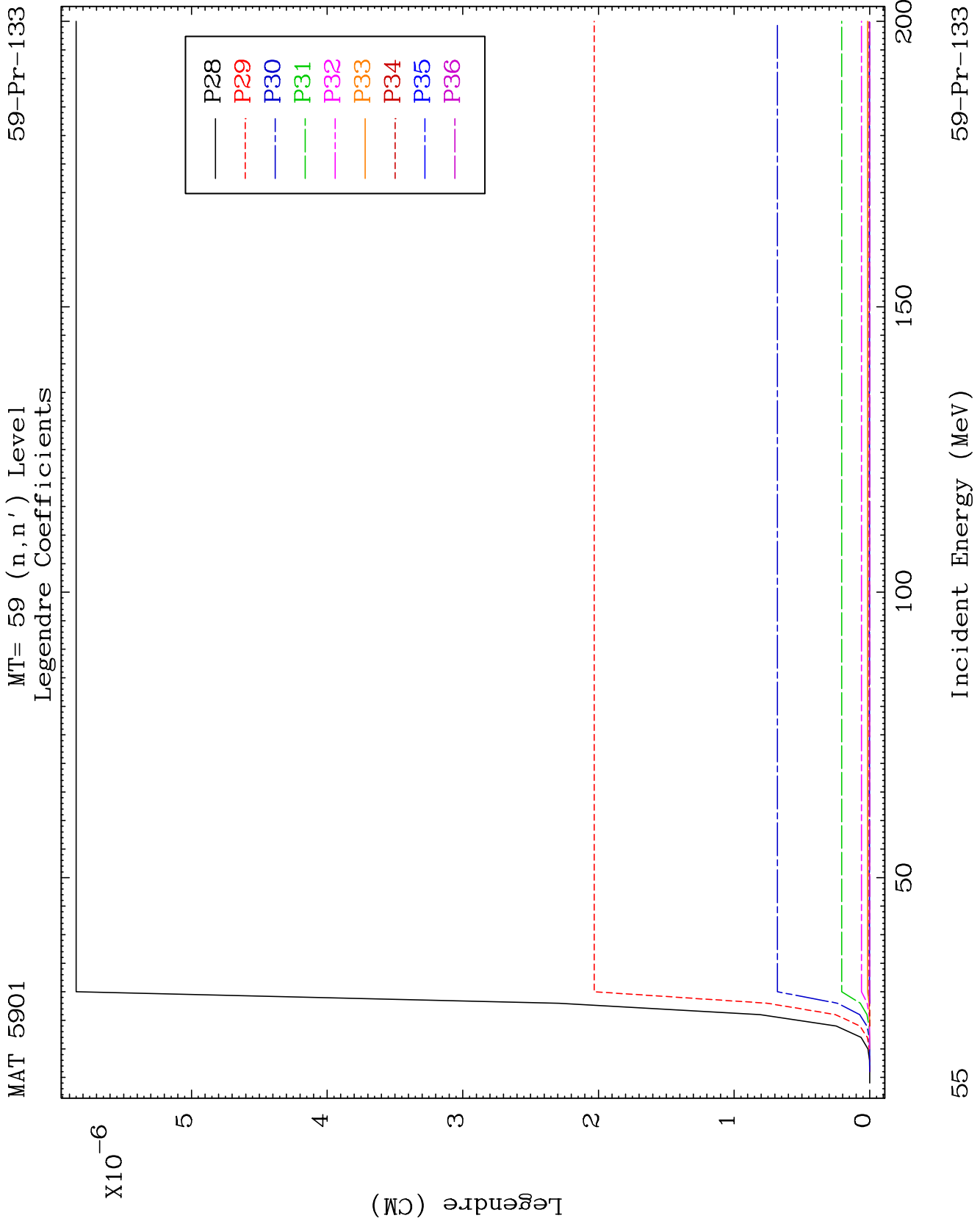


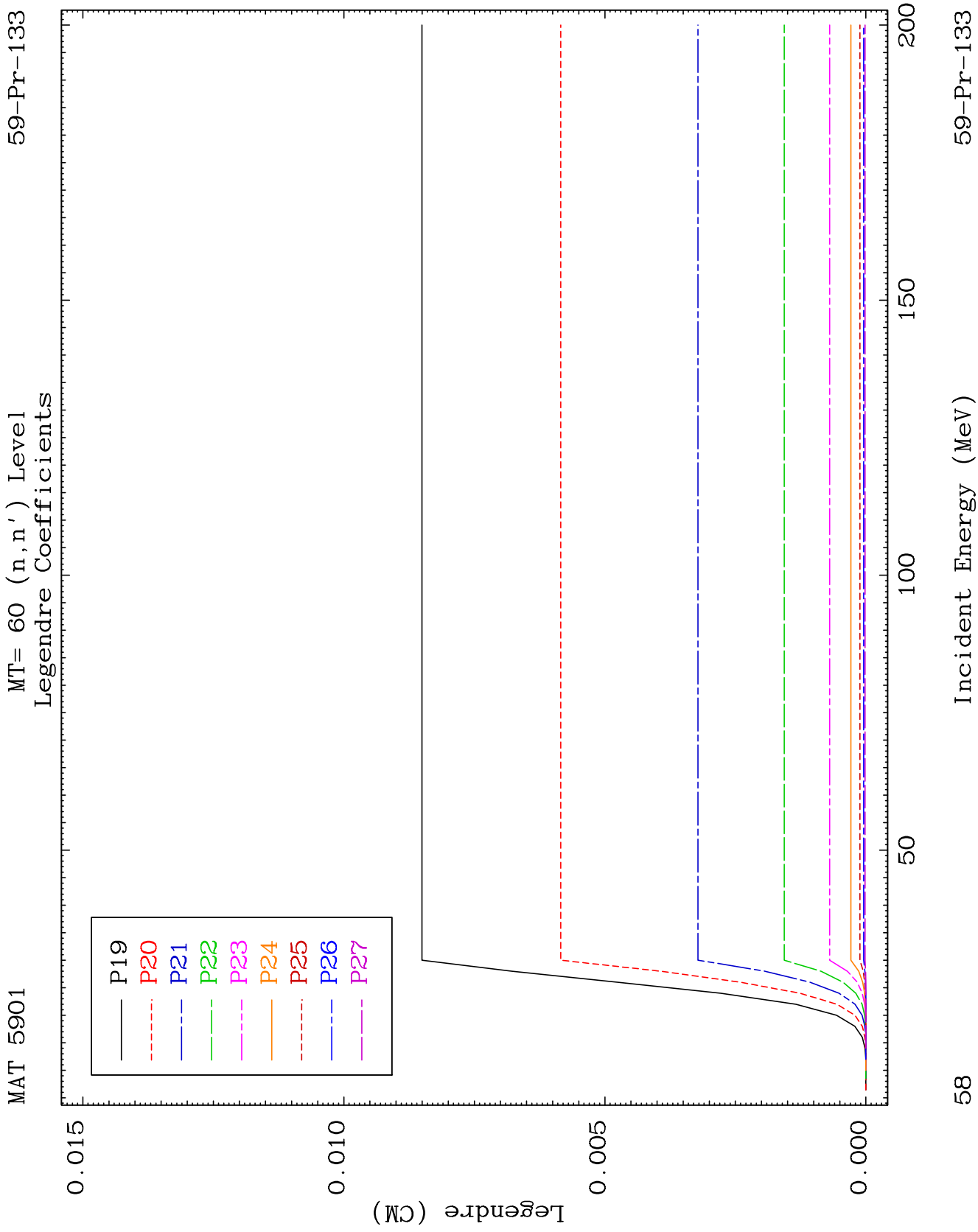
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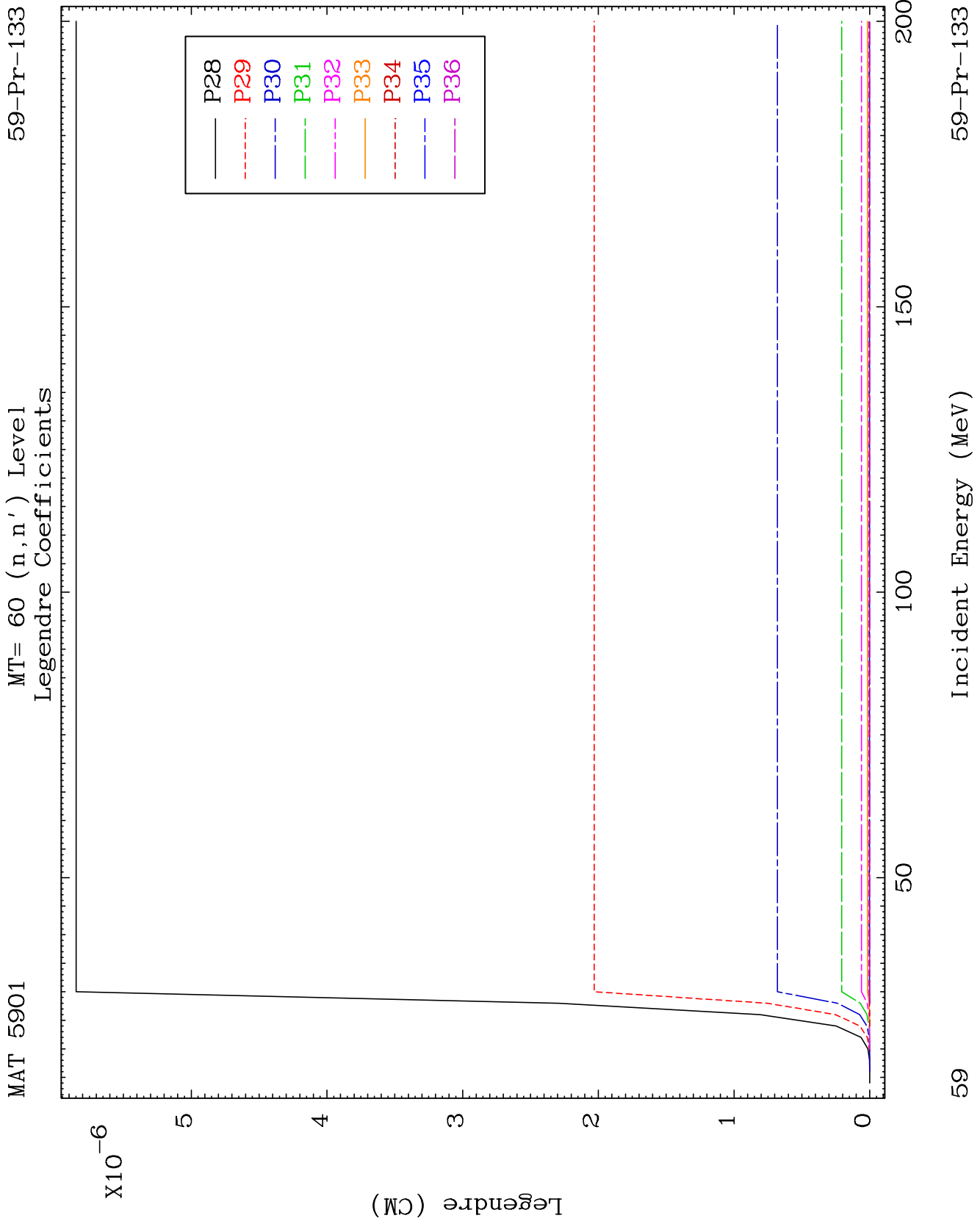
Incident Energy (MeV)

59-Pr-133





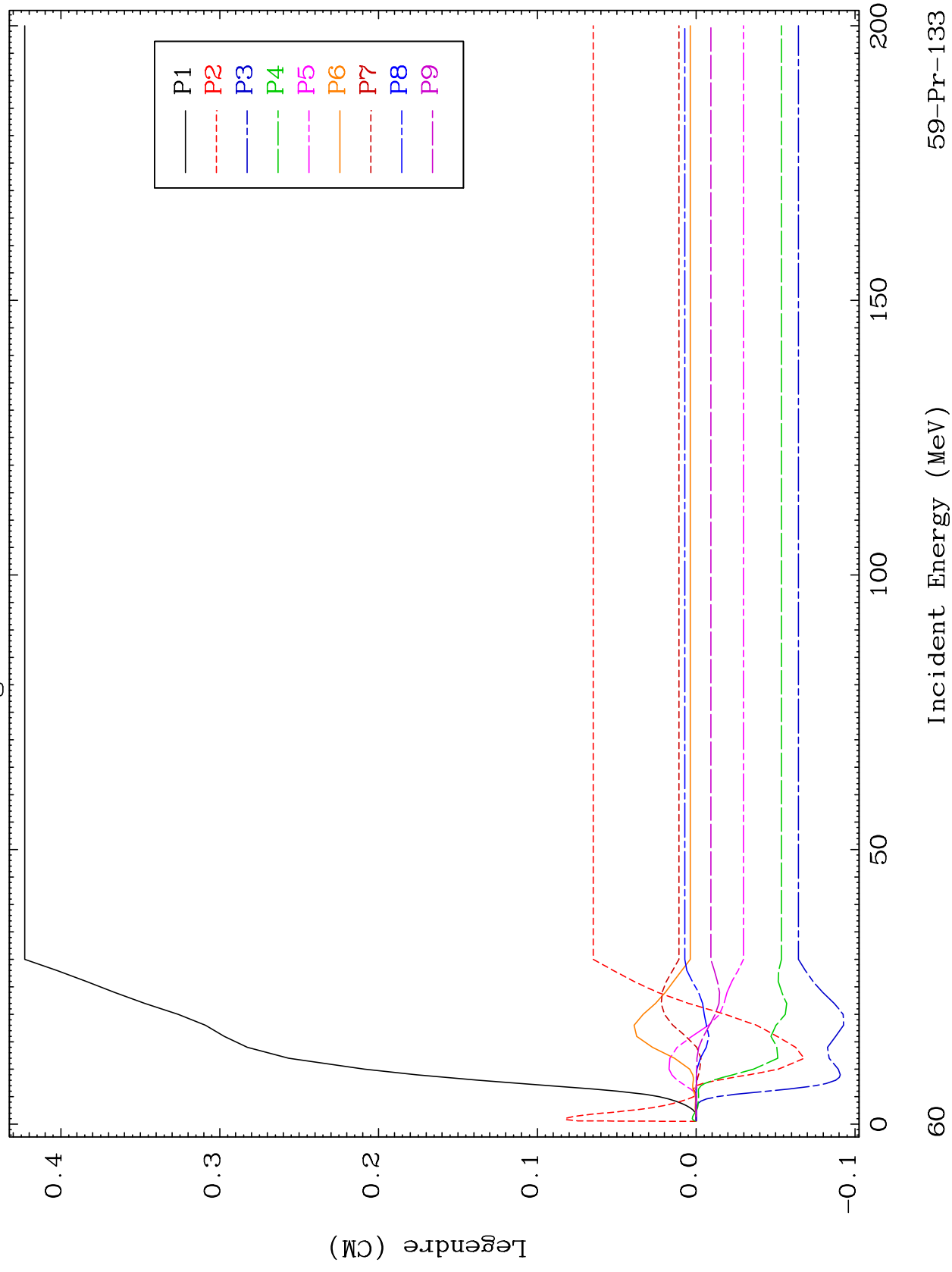


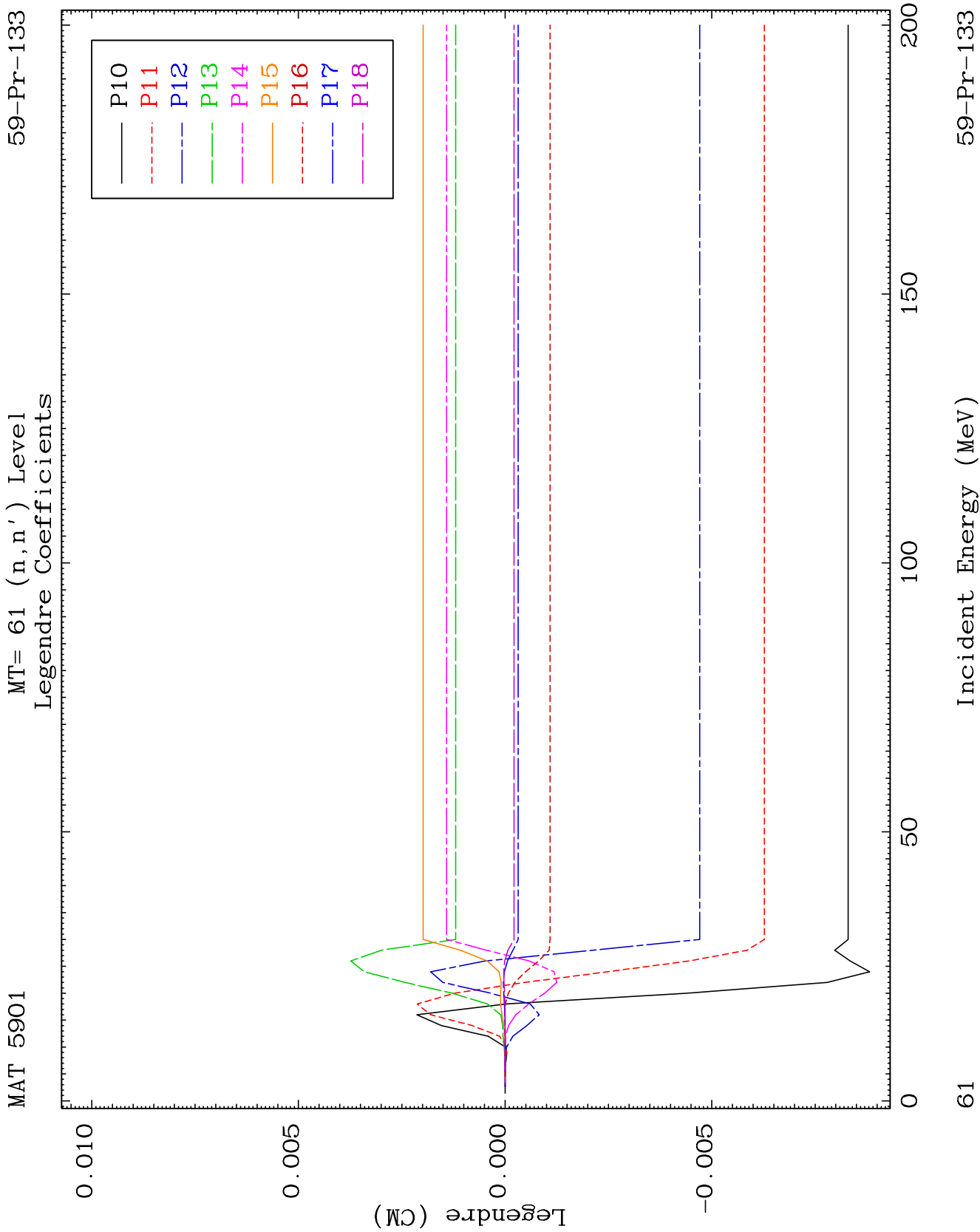


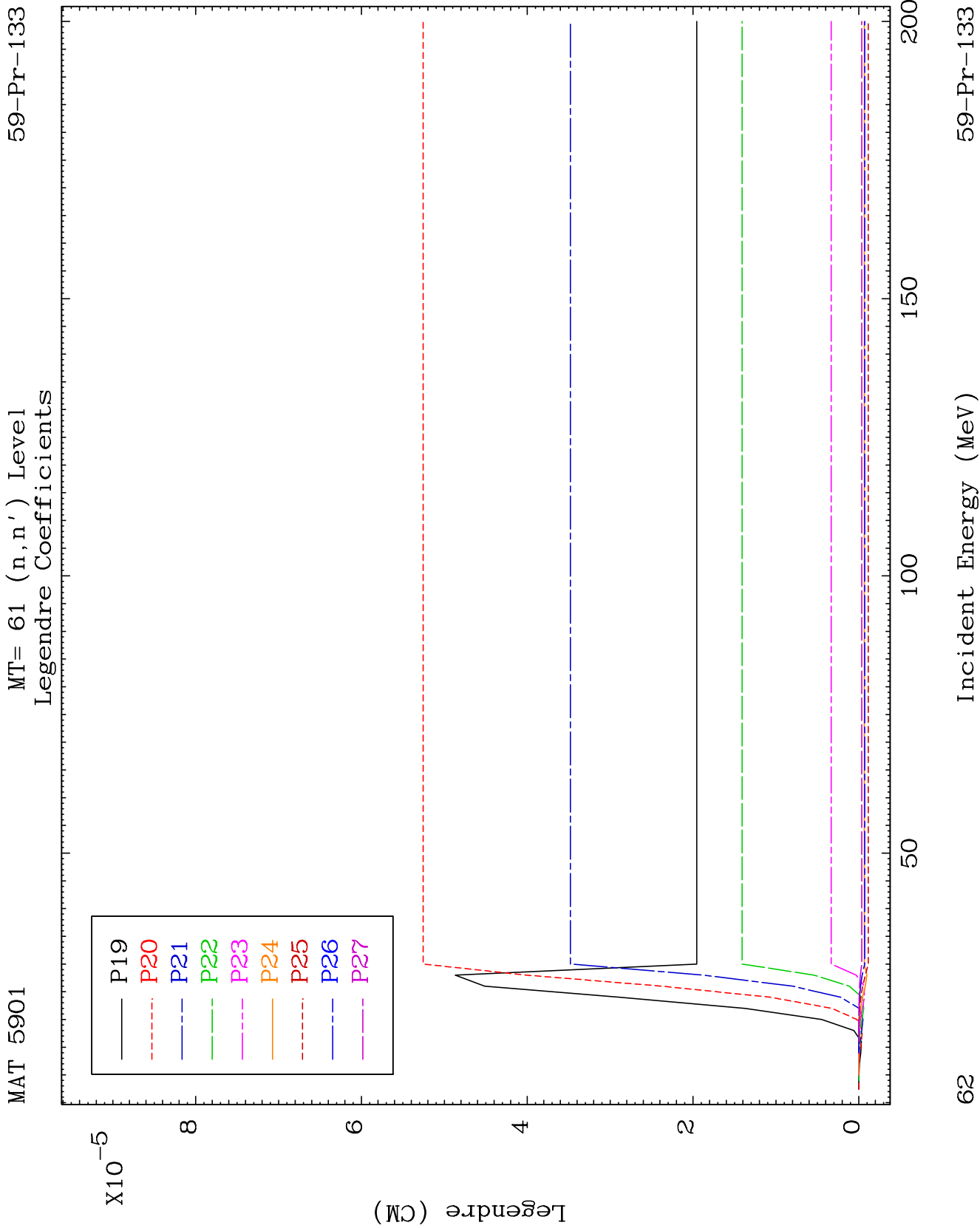
MAT 5901

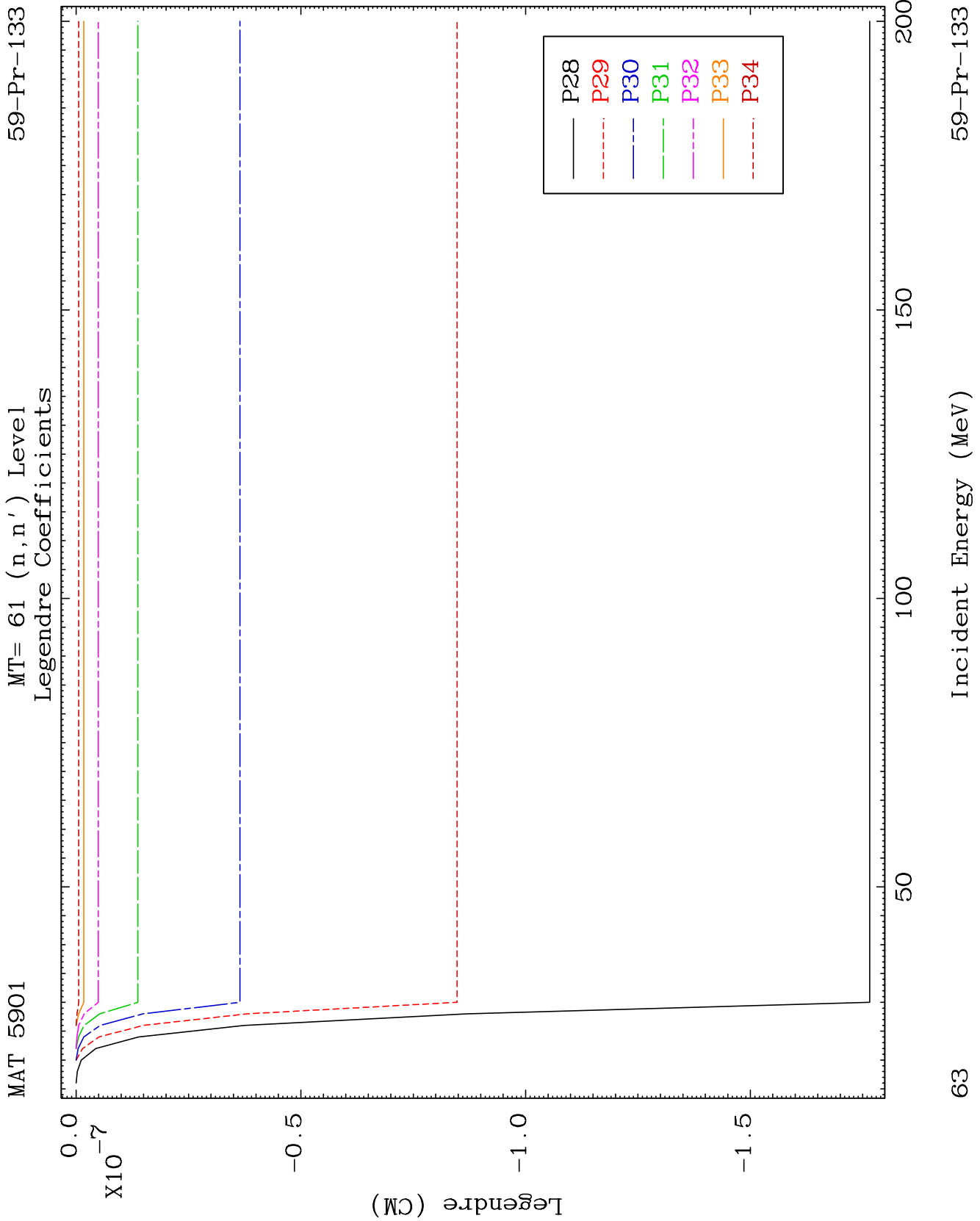
MT= 61 (n, n') Level
Legendre Coefficients

59-Pr-133





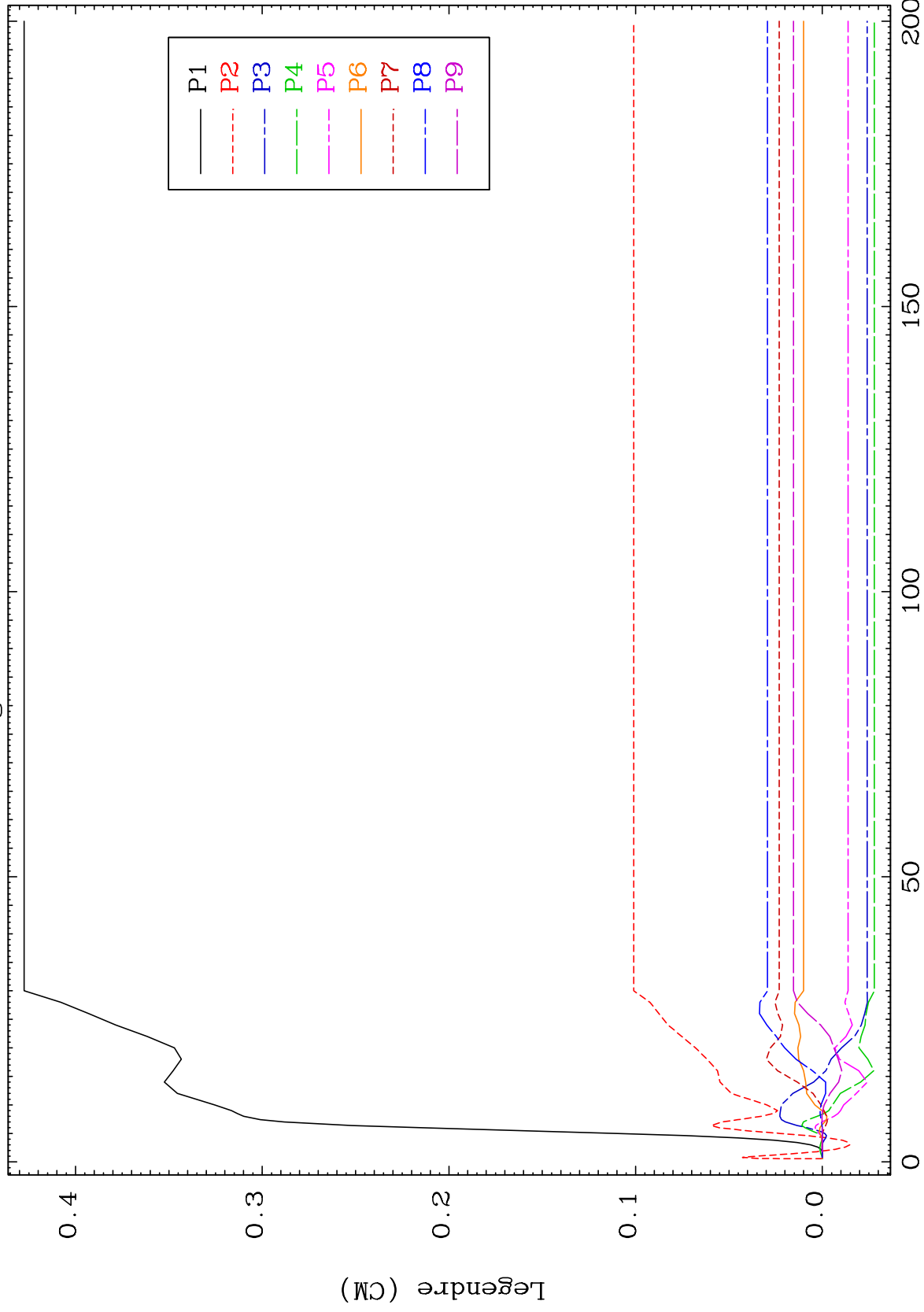




MAT 5901

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

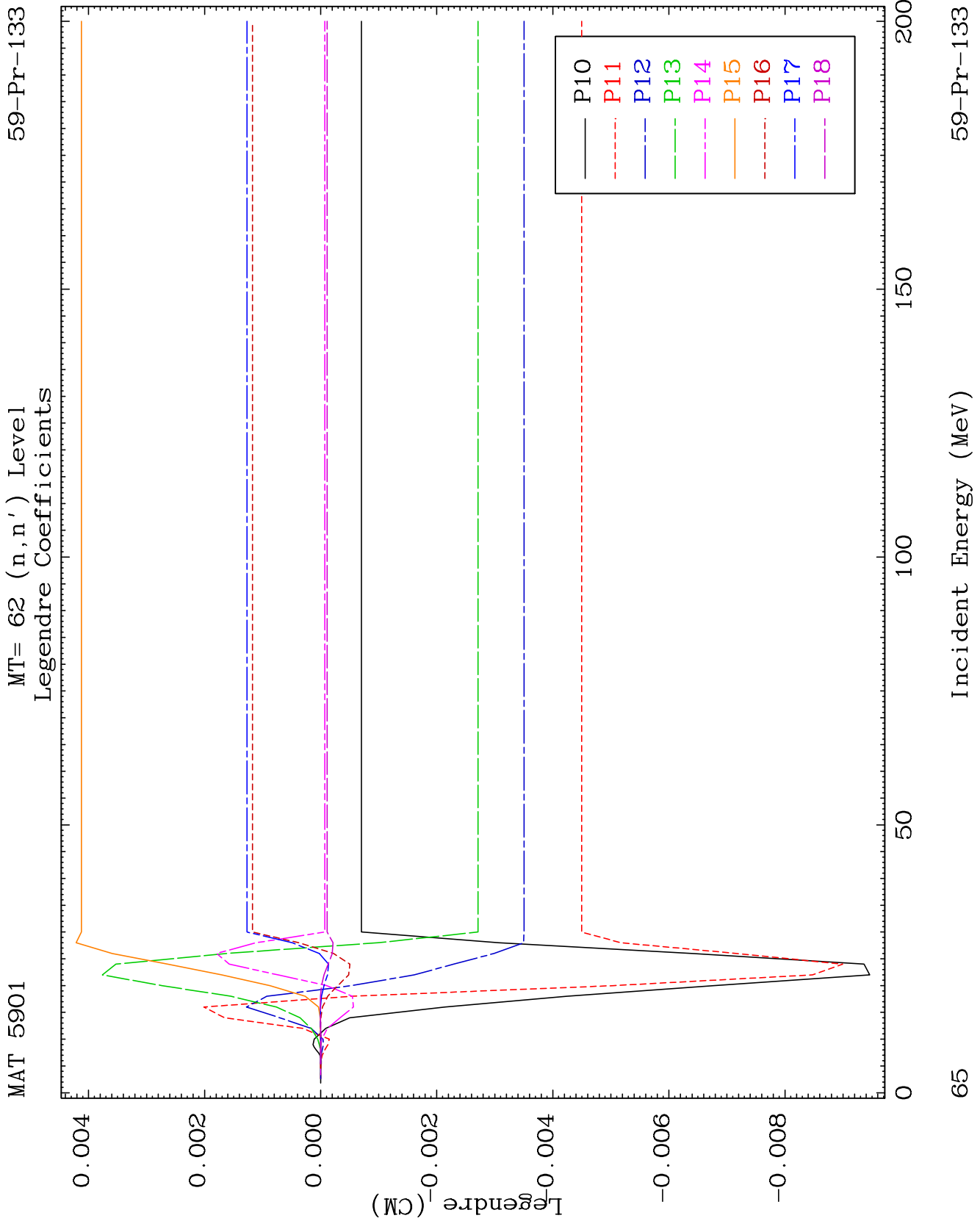
59-Pr-133

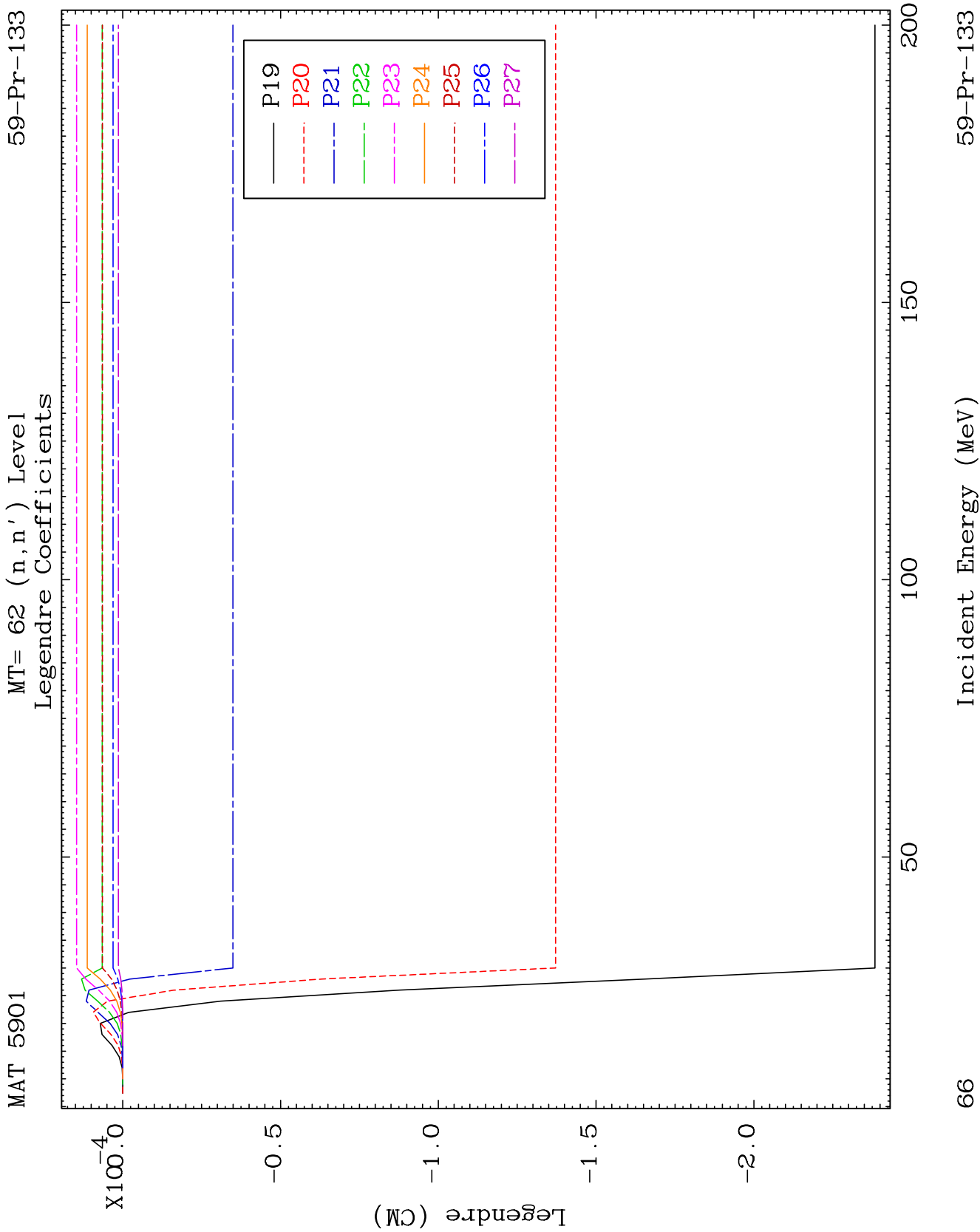


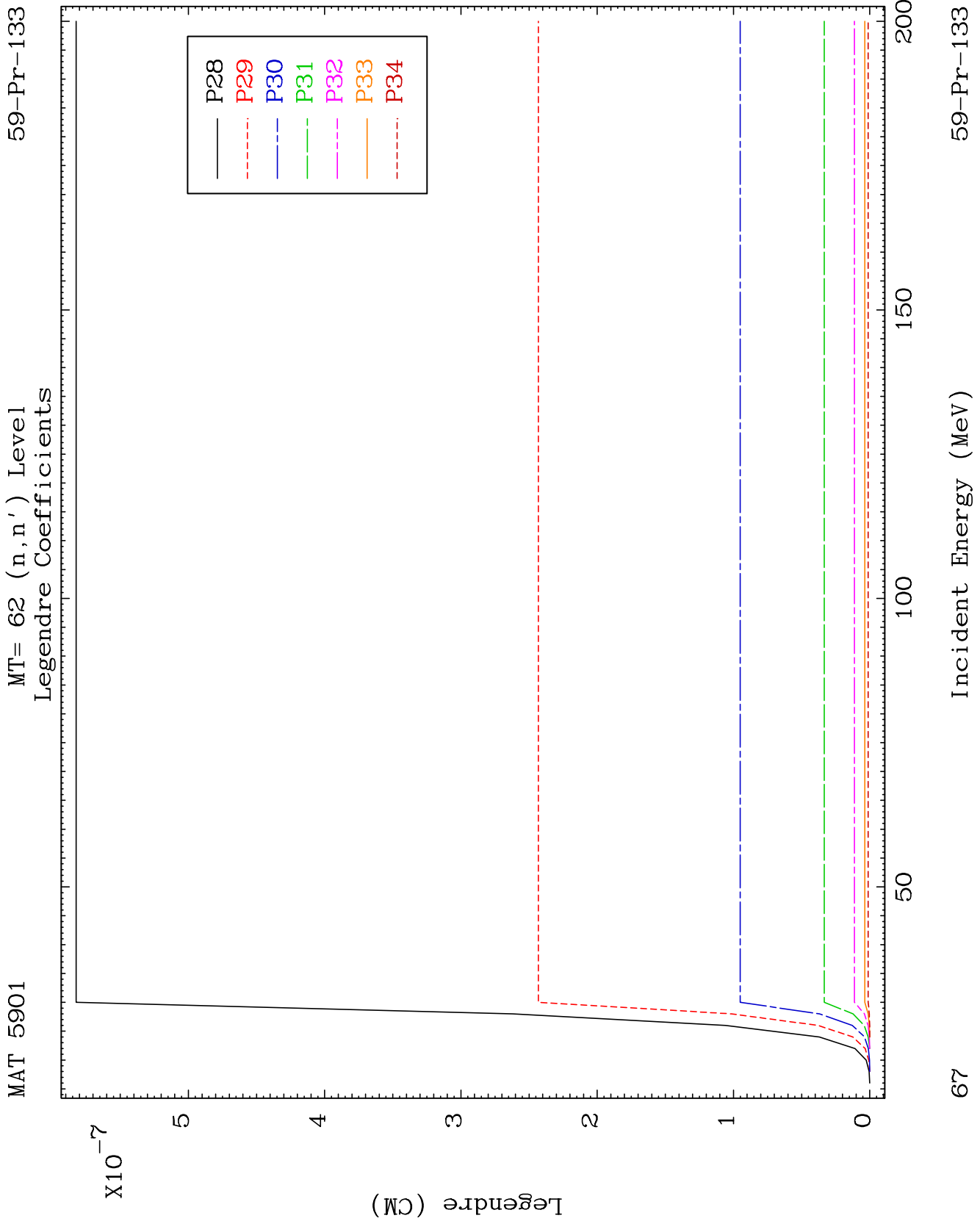
64

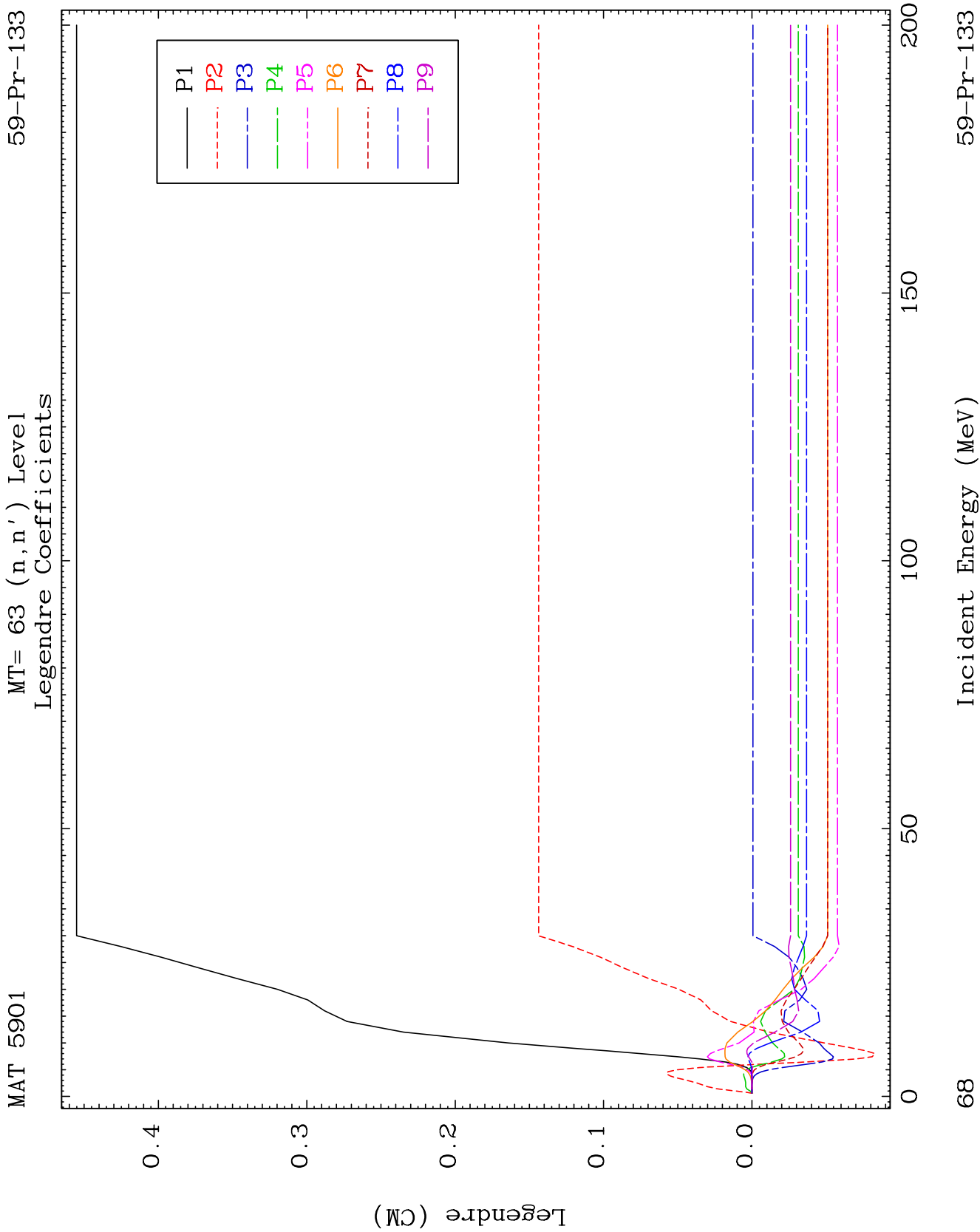
Incident Energy (MeV)

59-Pr-133





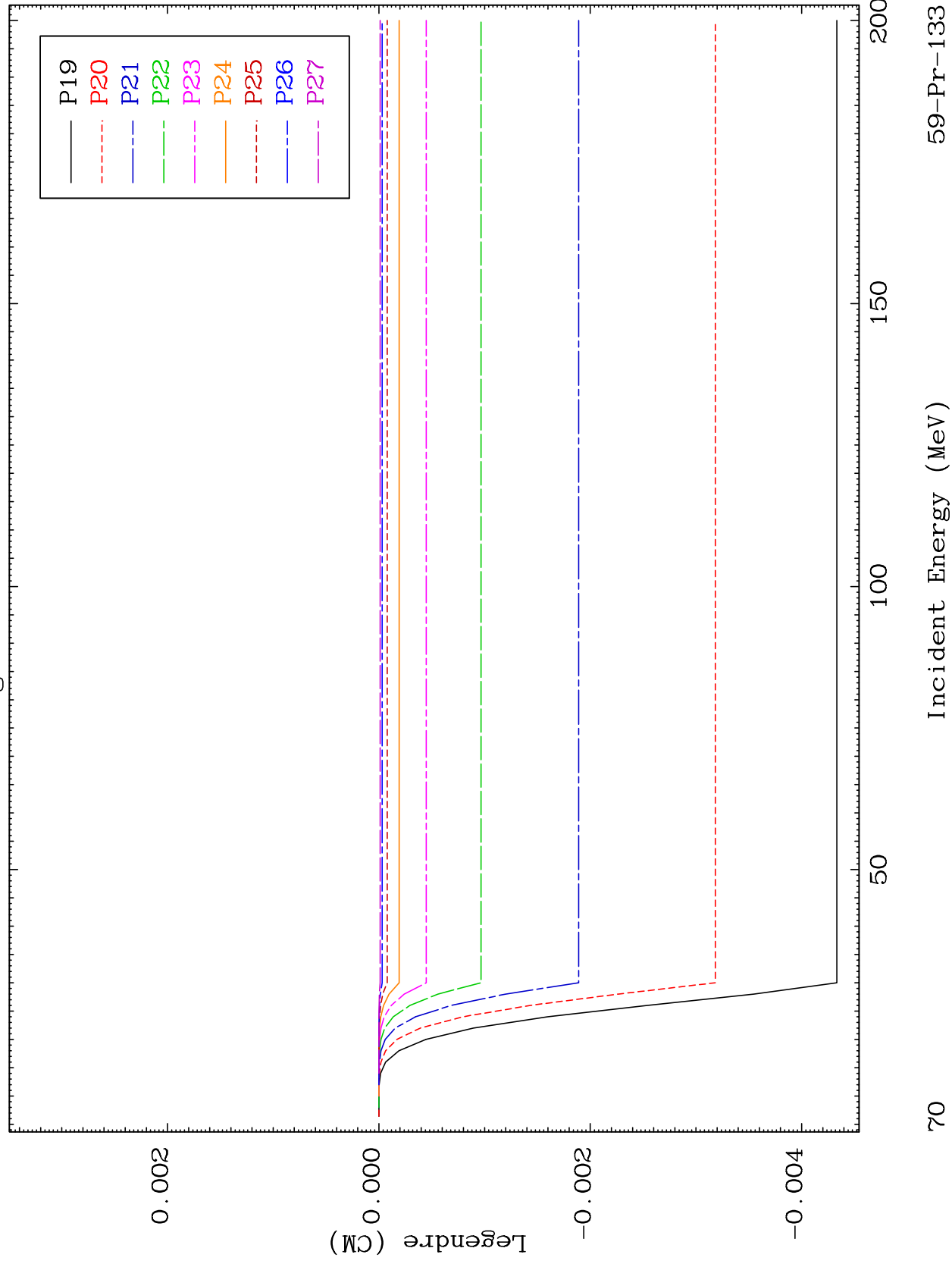


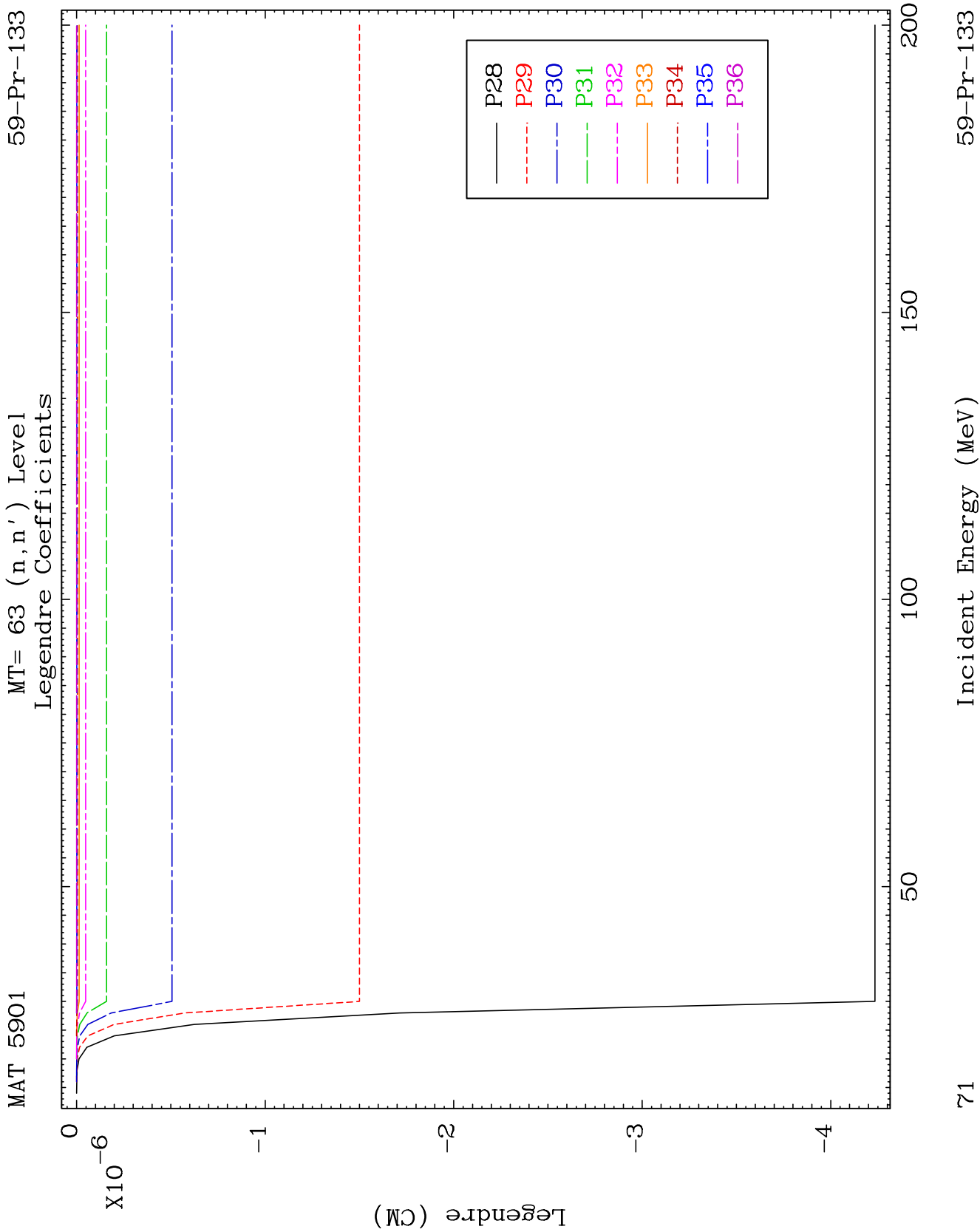


MAT 5901

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

59-Pr-133

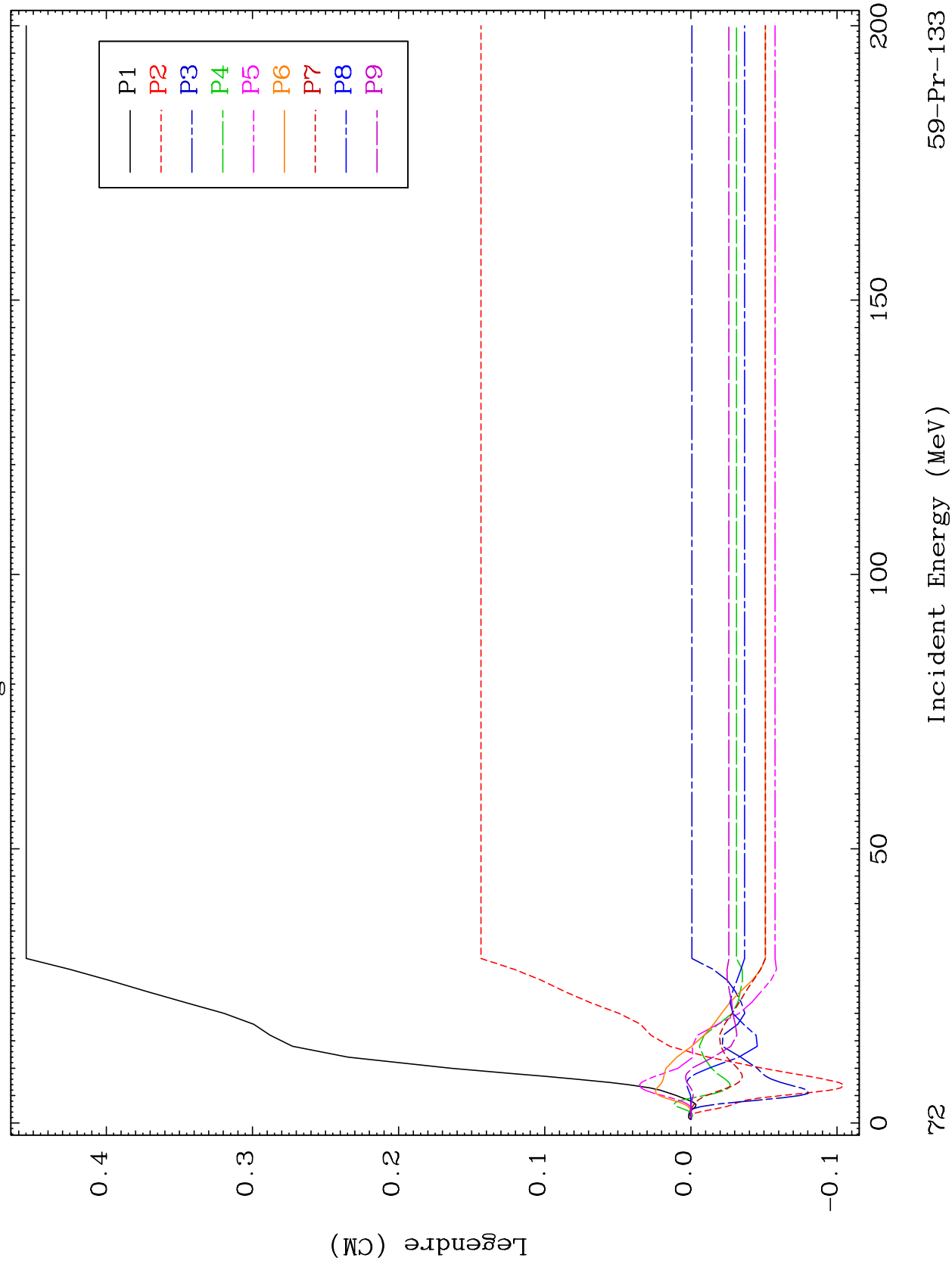


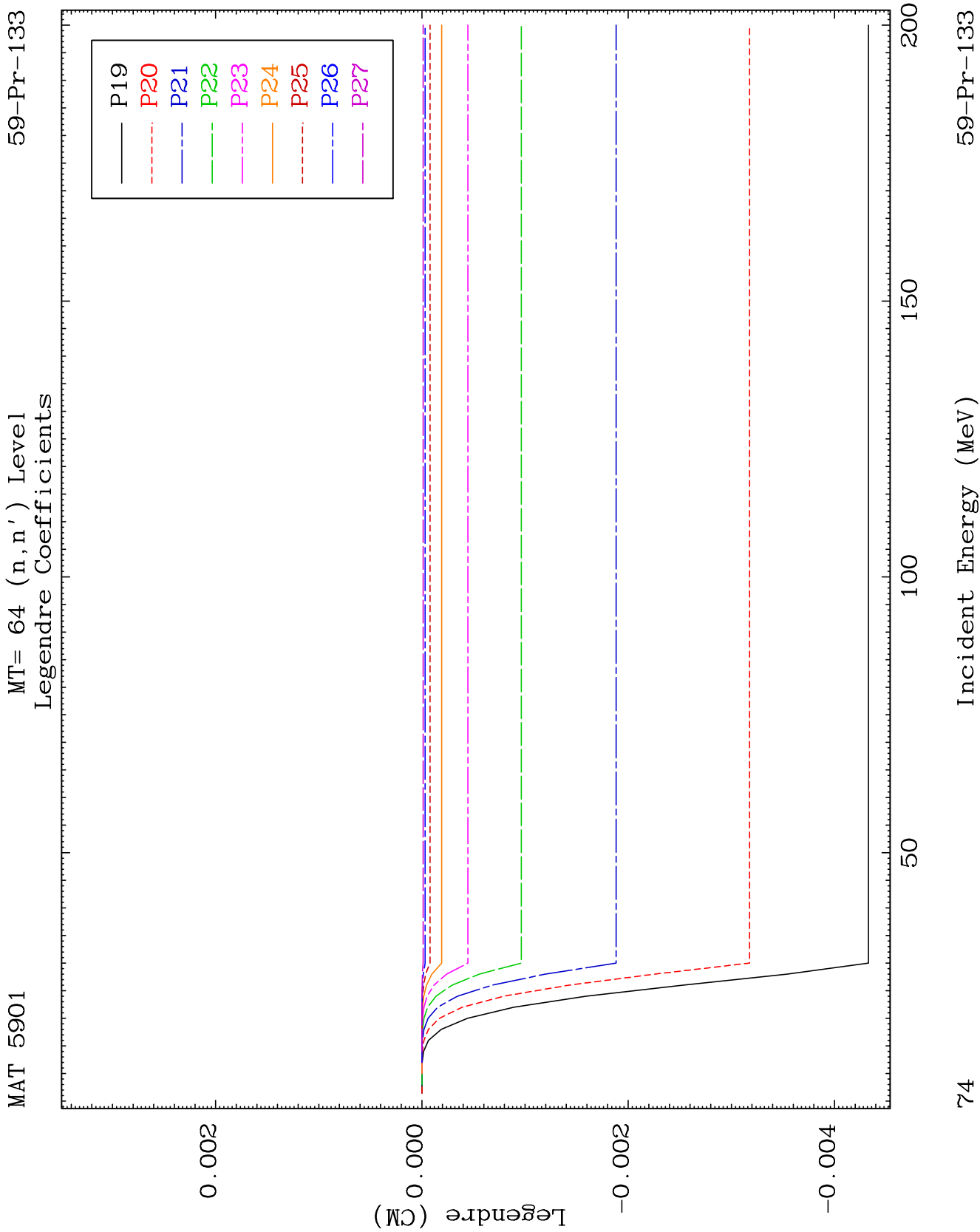


MAT 5901

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

59-Pr-133

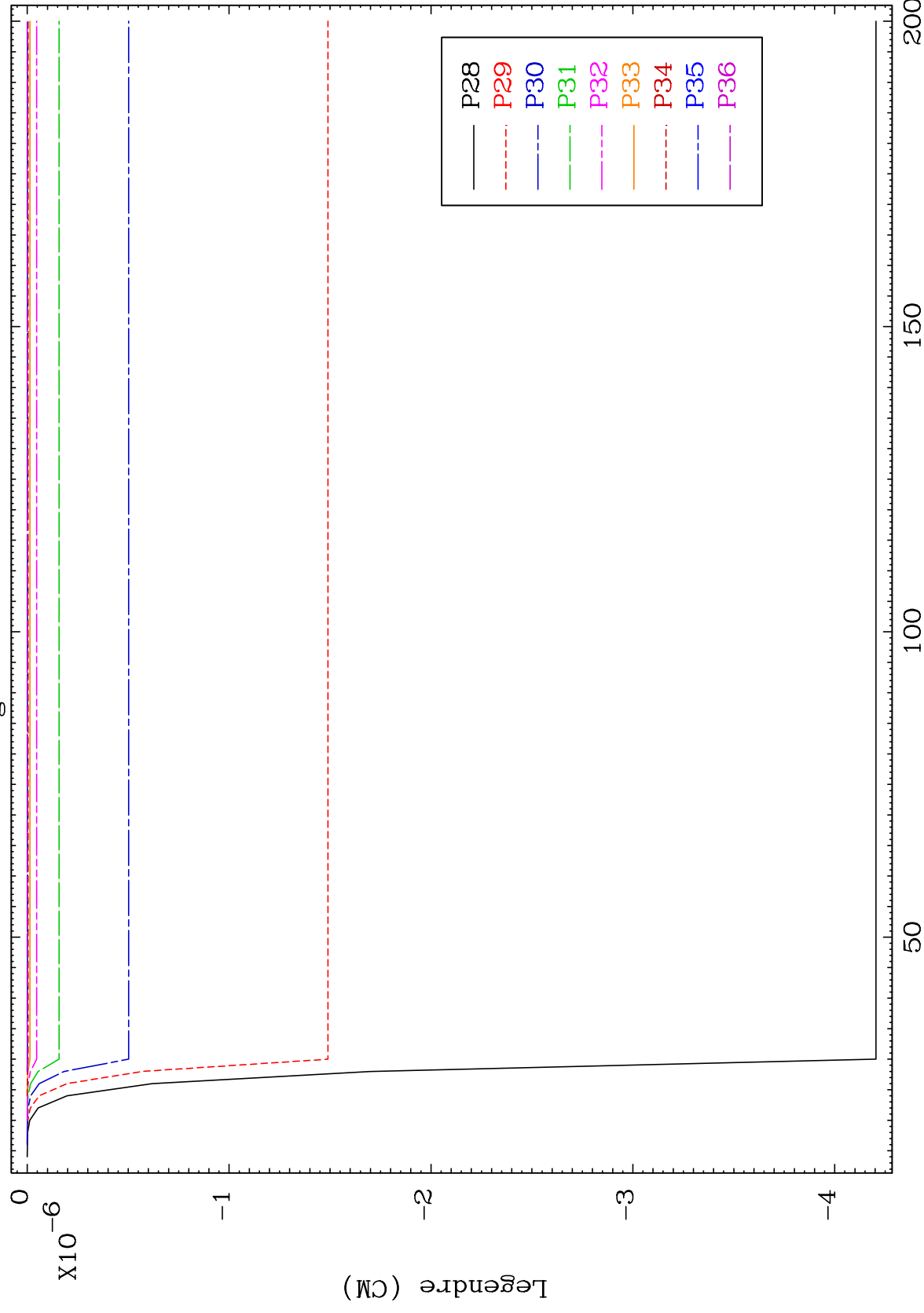




MAT 5901

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

59-Pr-133



52

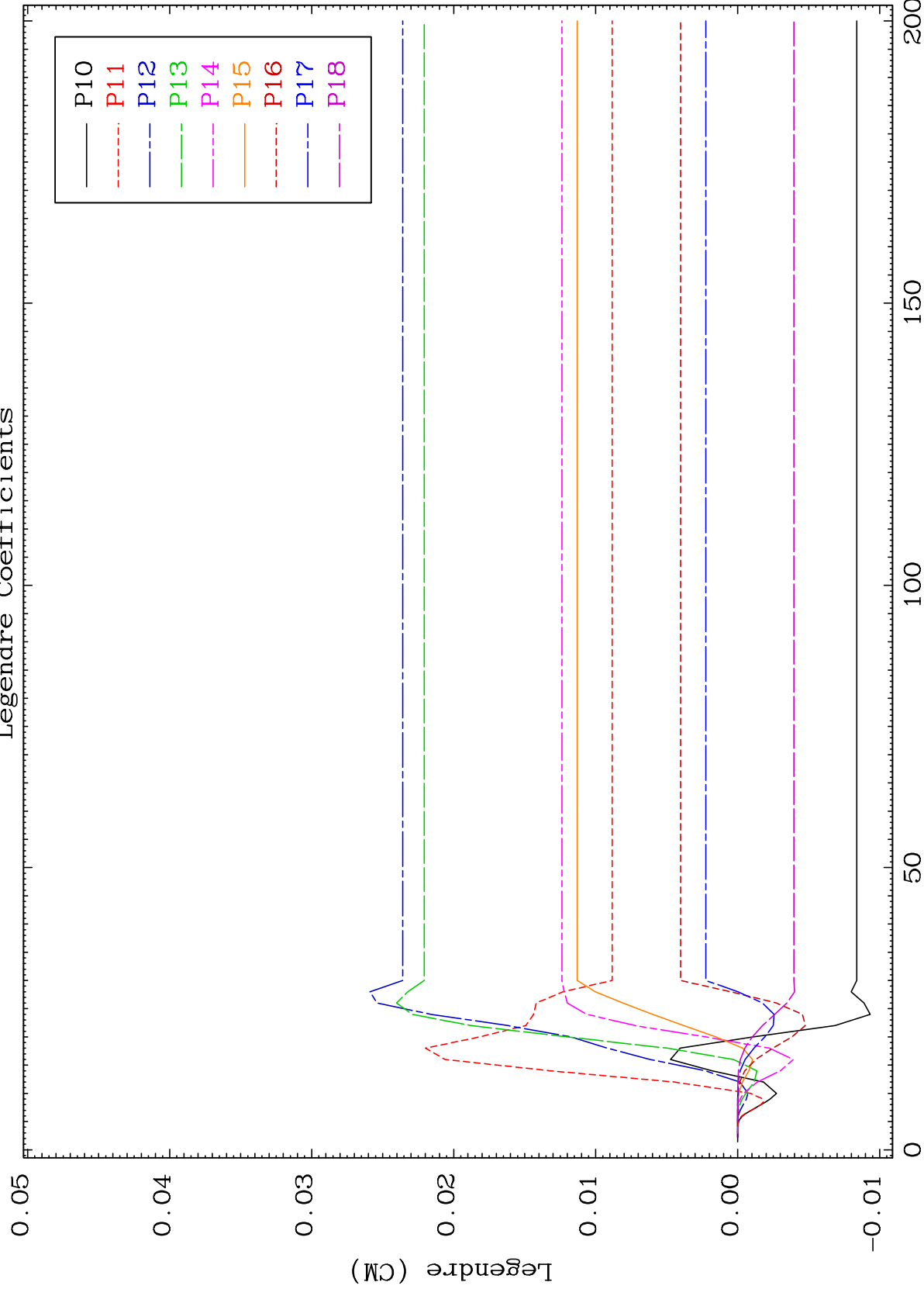
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

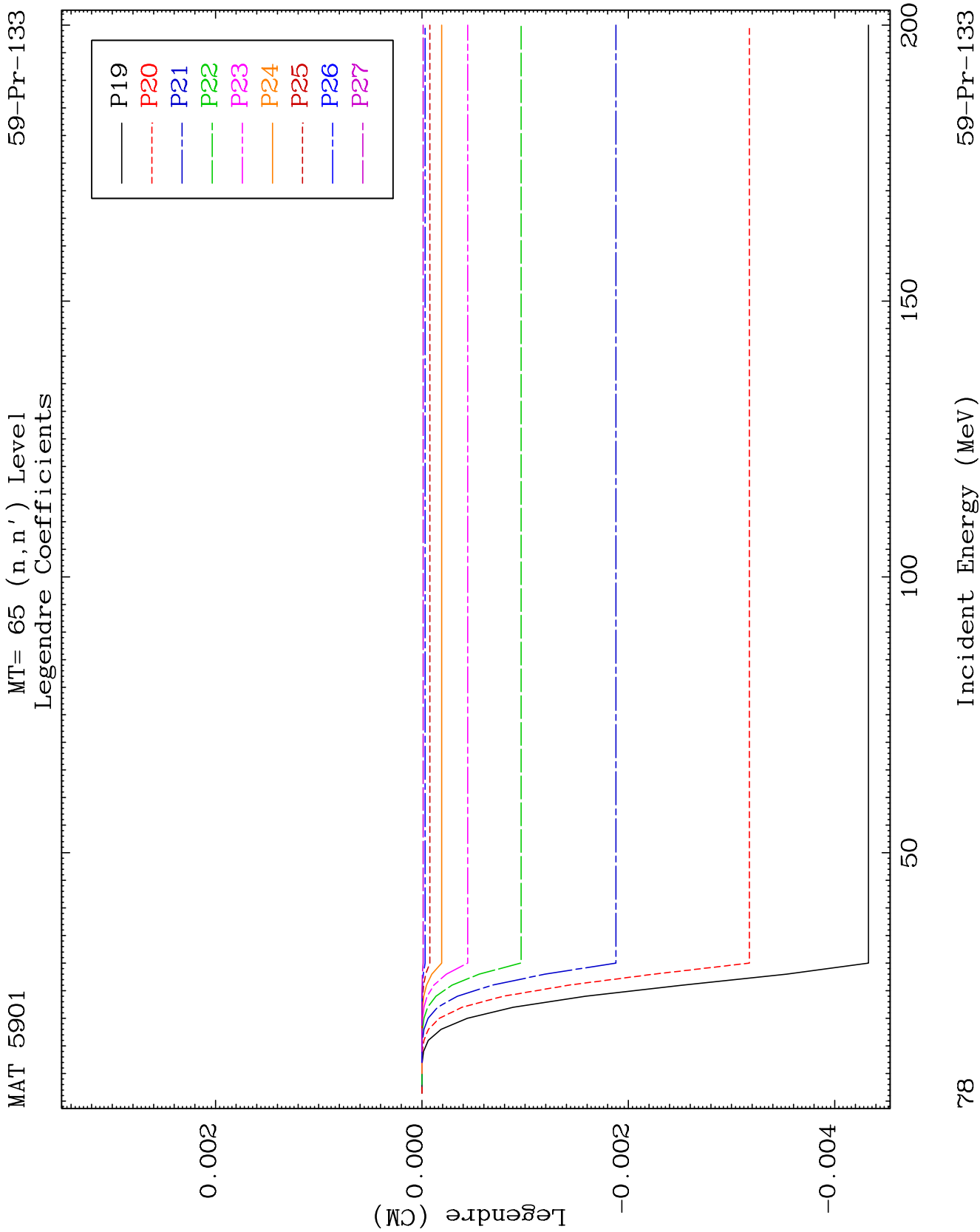
59-Pr-133

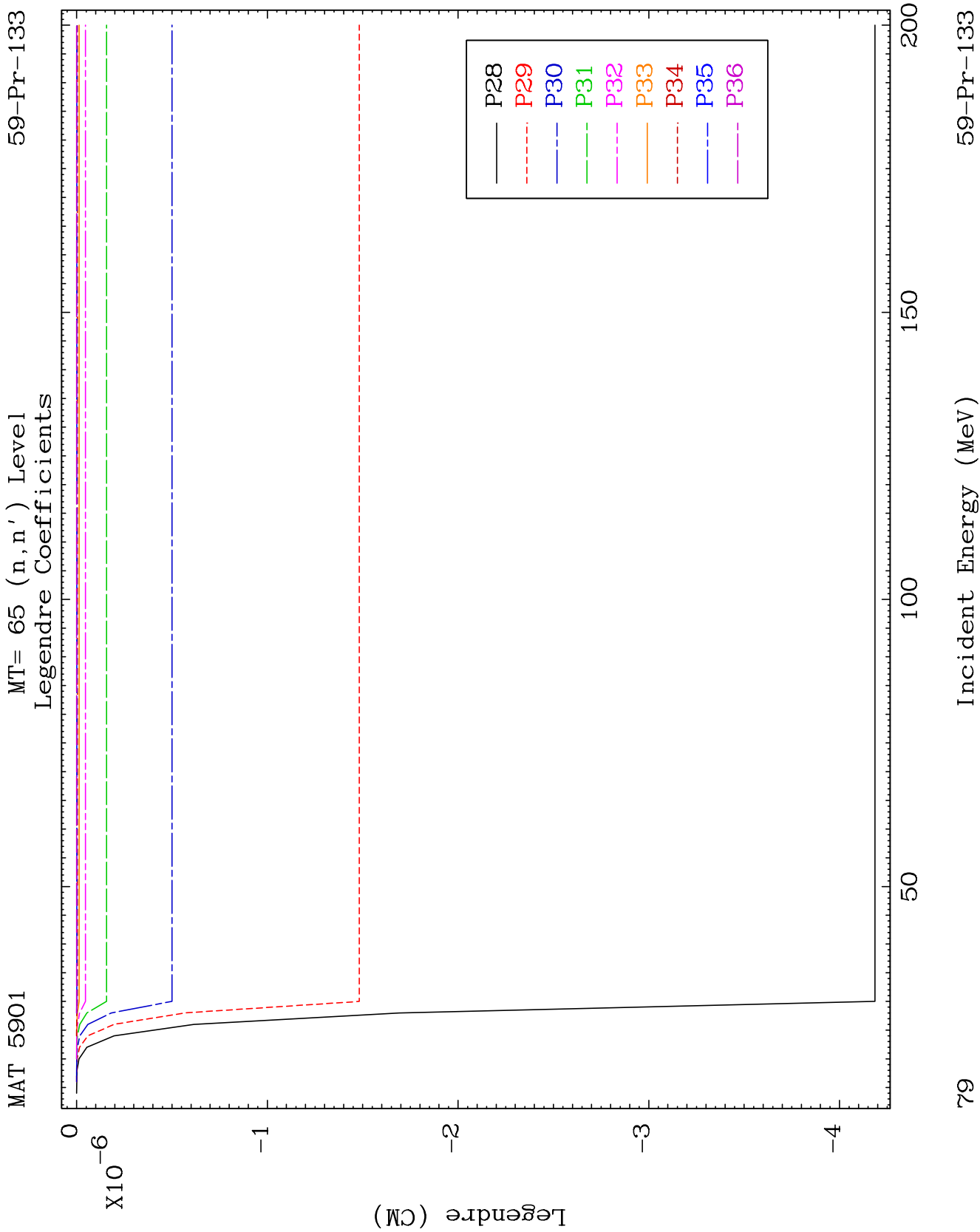


22

Incident Energy (MeV)

59-Pr-133

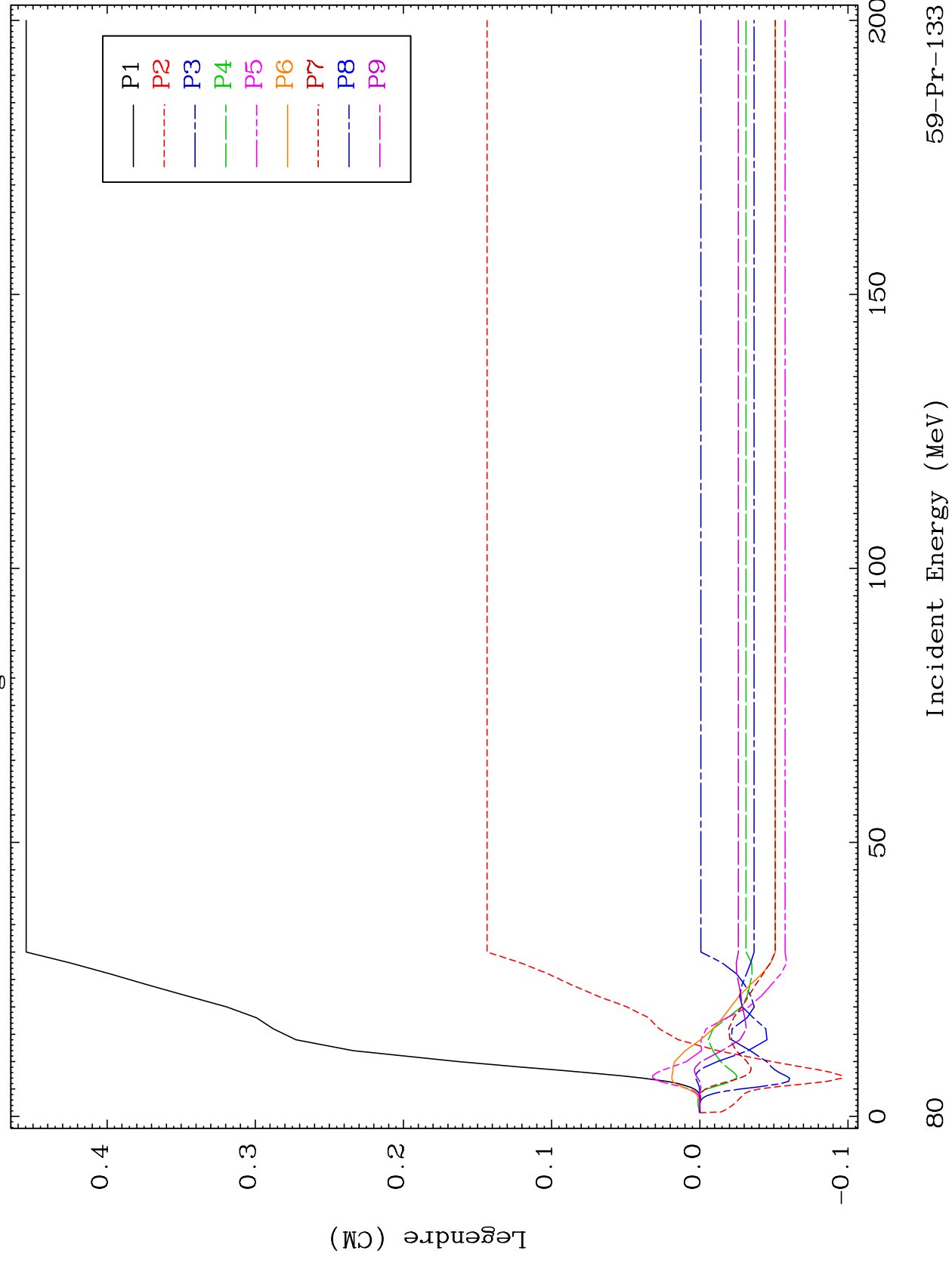




MAT 5901

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

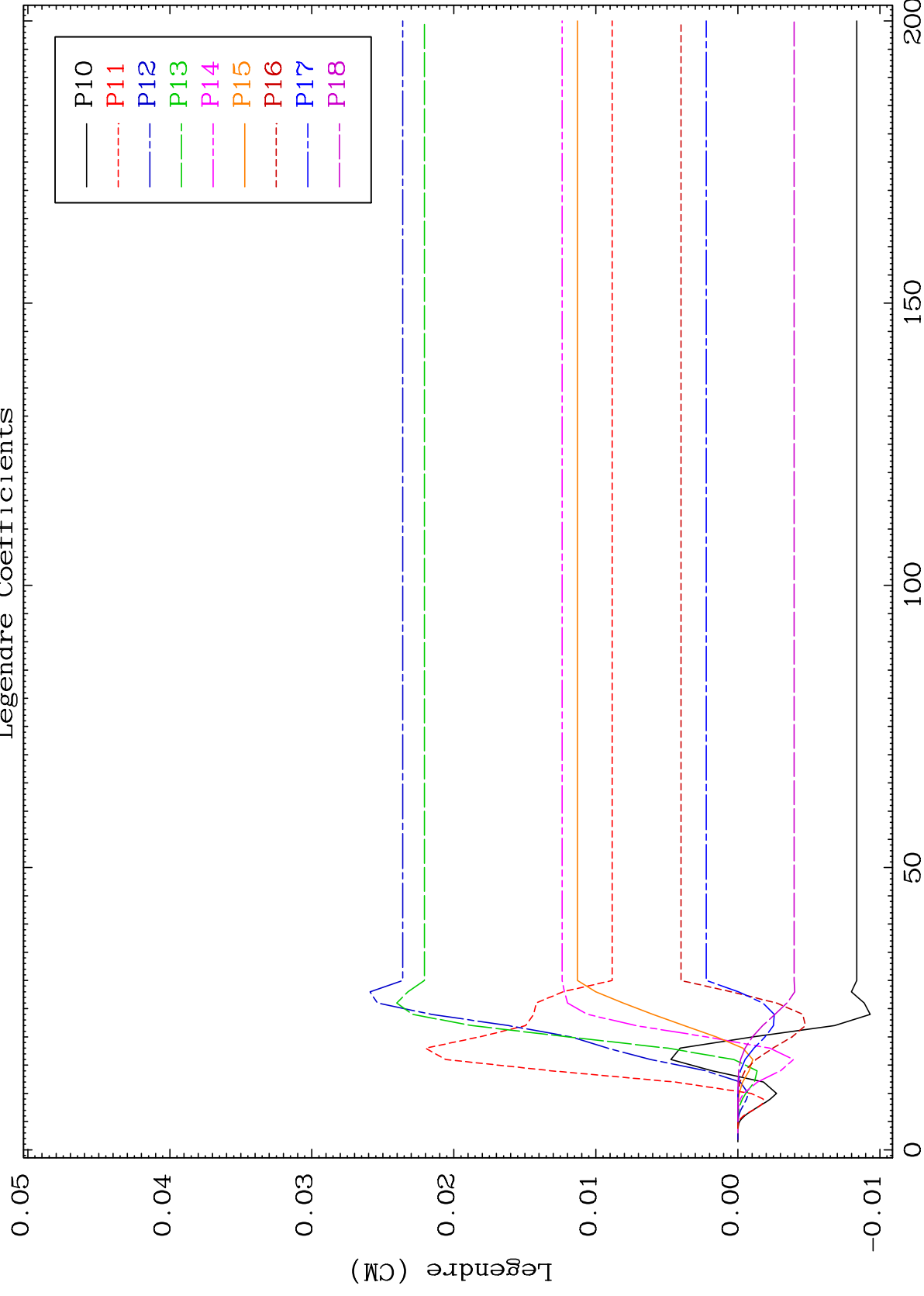
59-Pr-133



MAT 5901

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

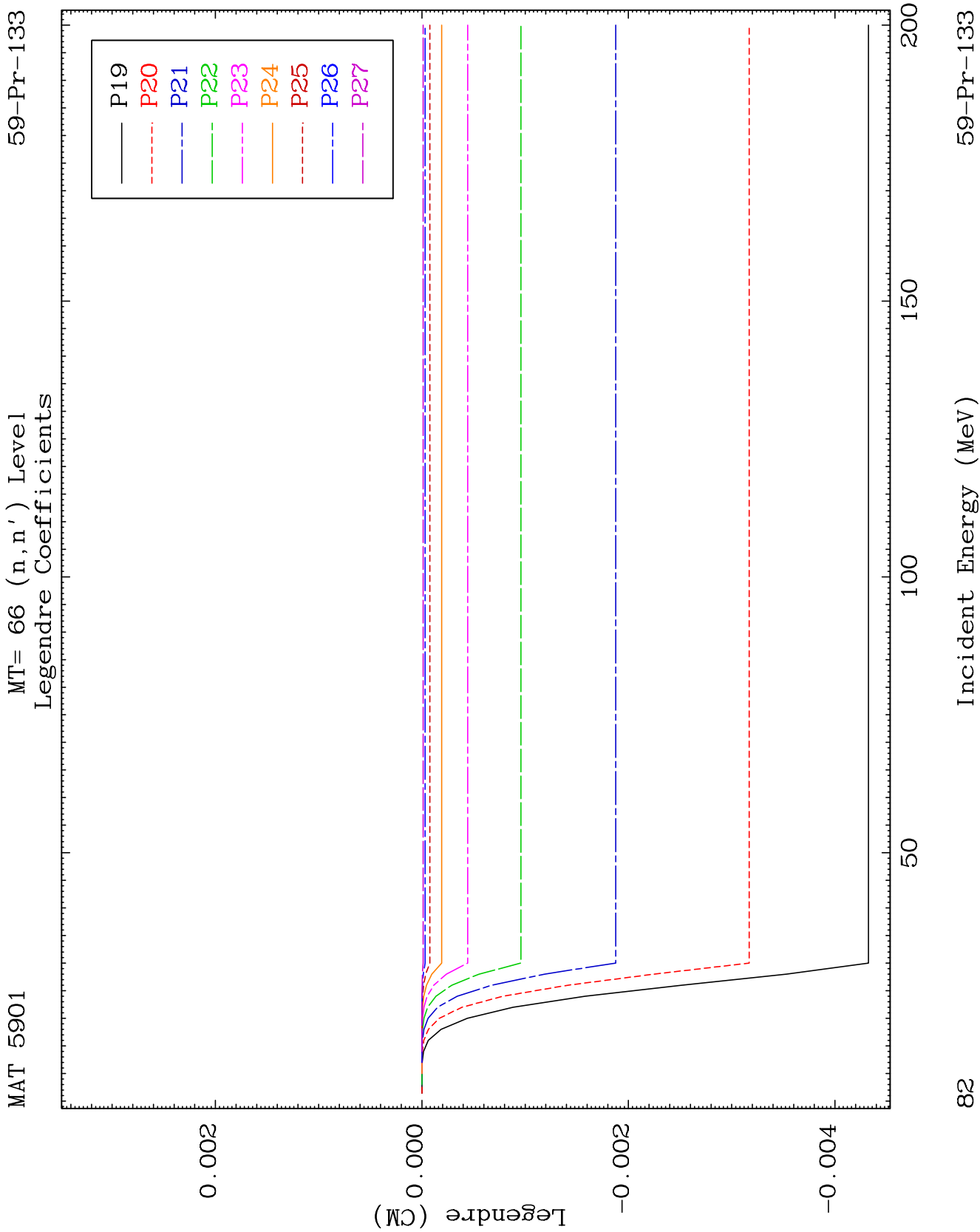
59-Pr-133



81

Incident Energy (MeV)

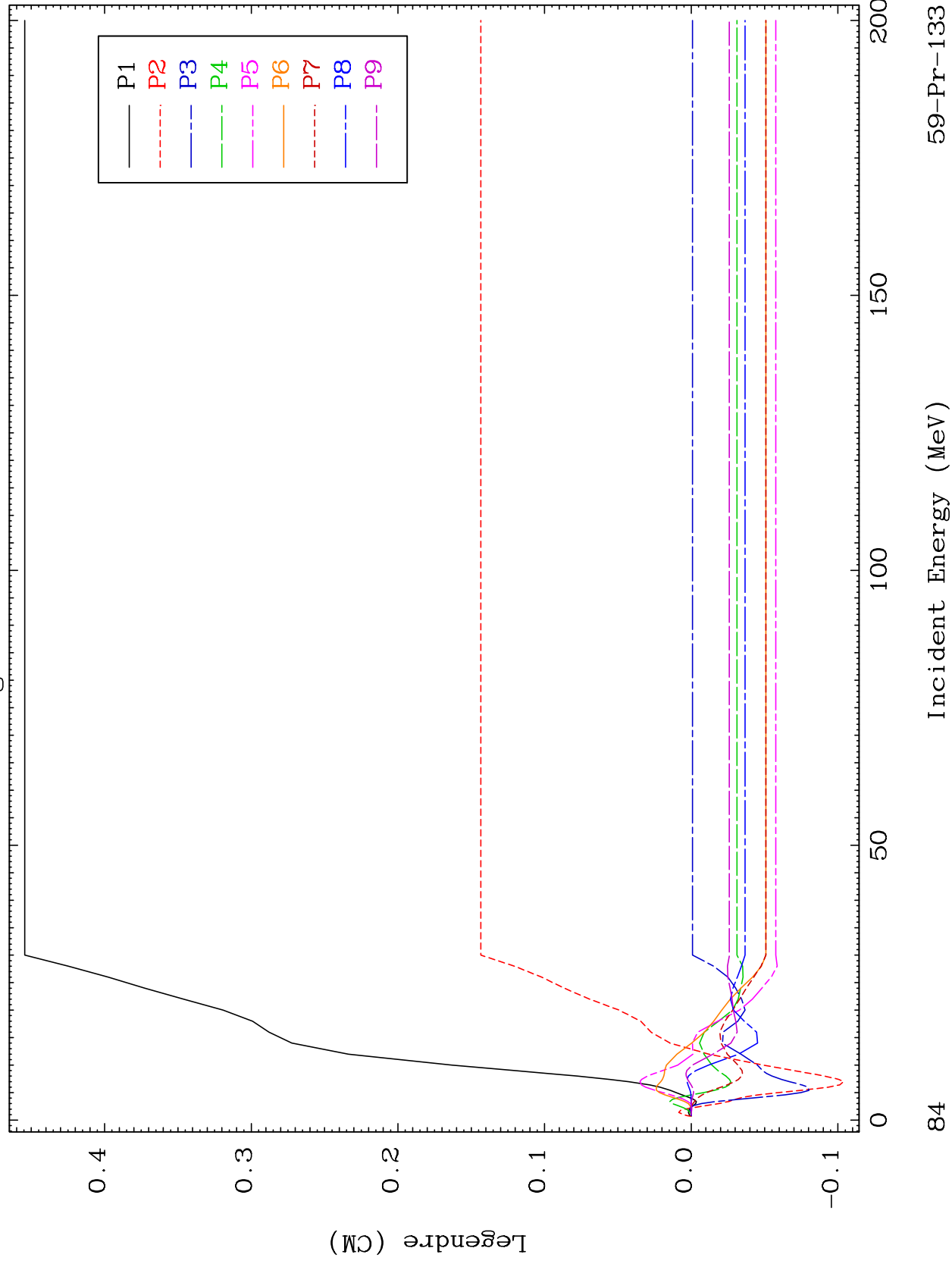
59-Pr-133

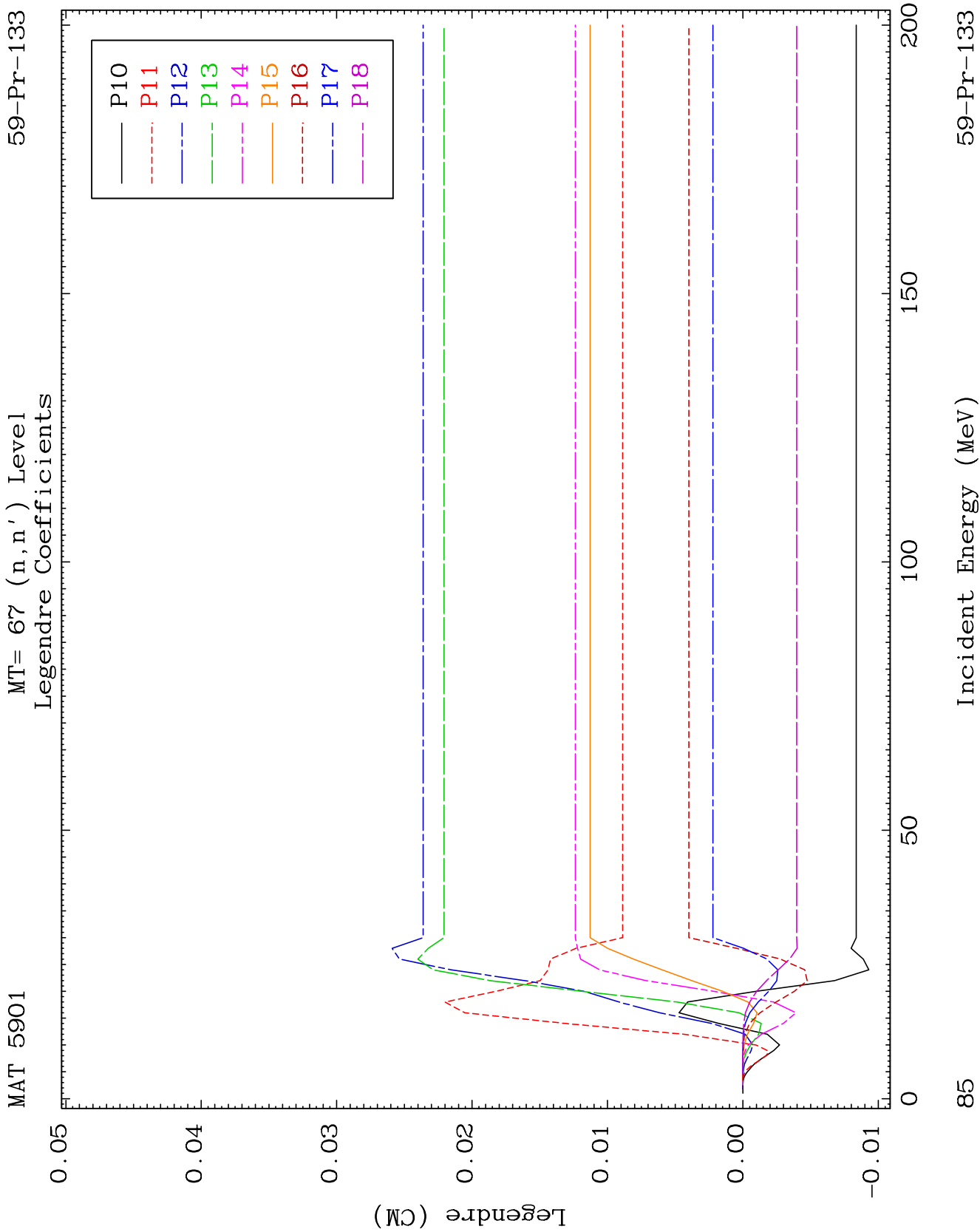


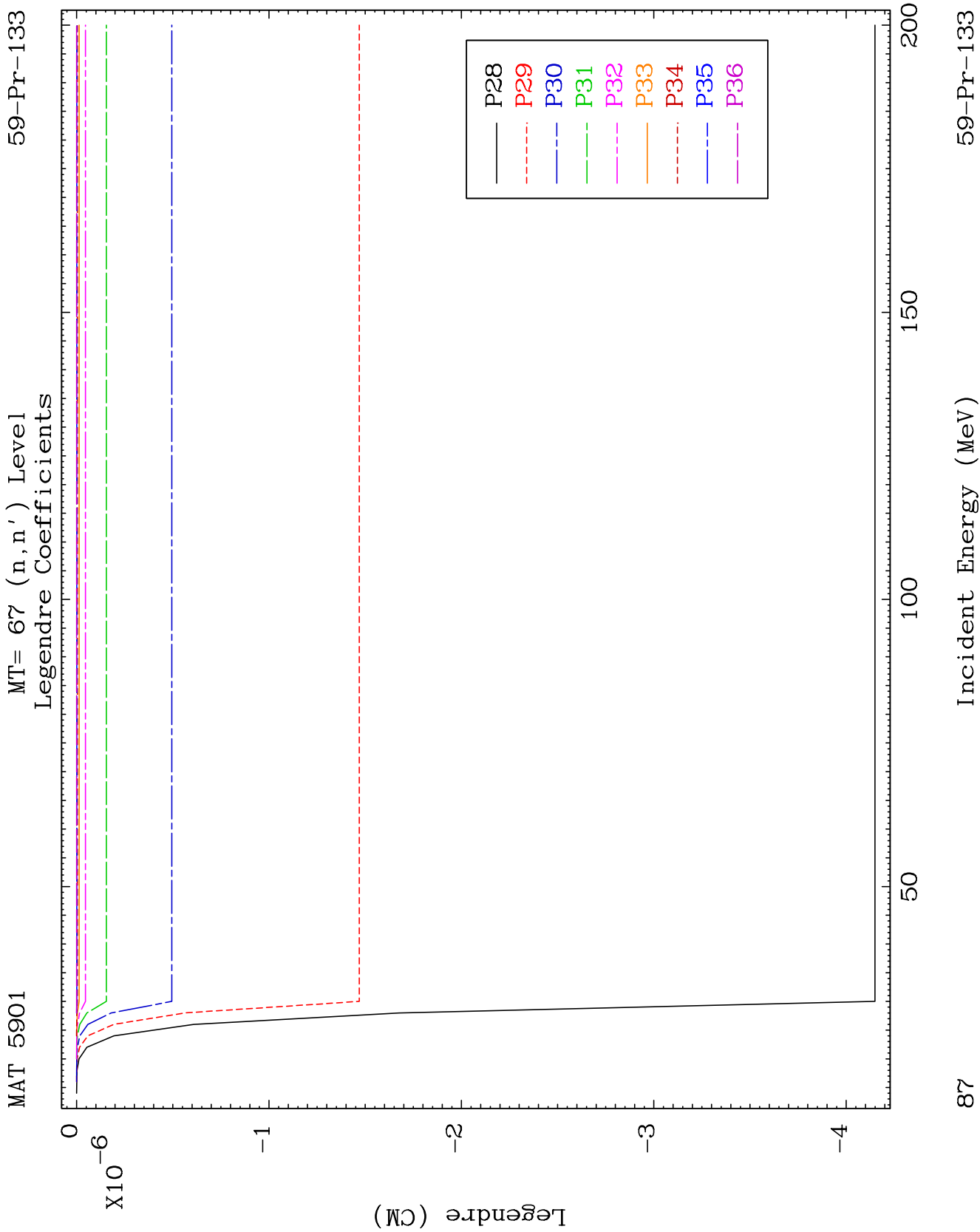
MAT 5901

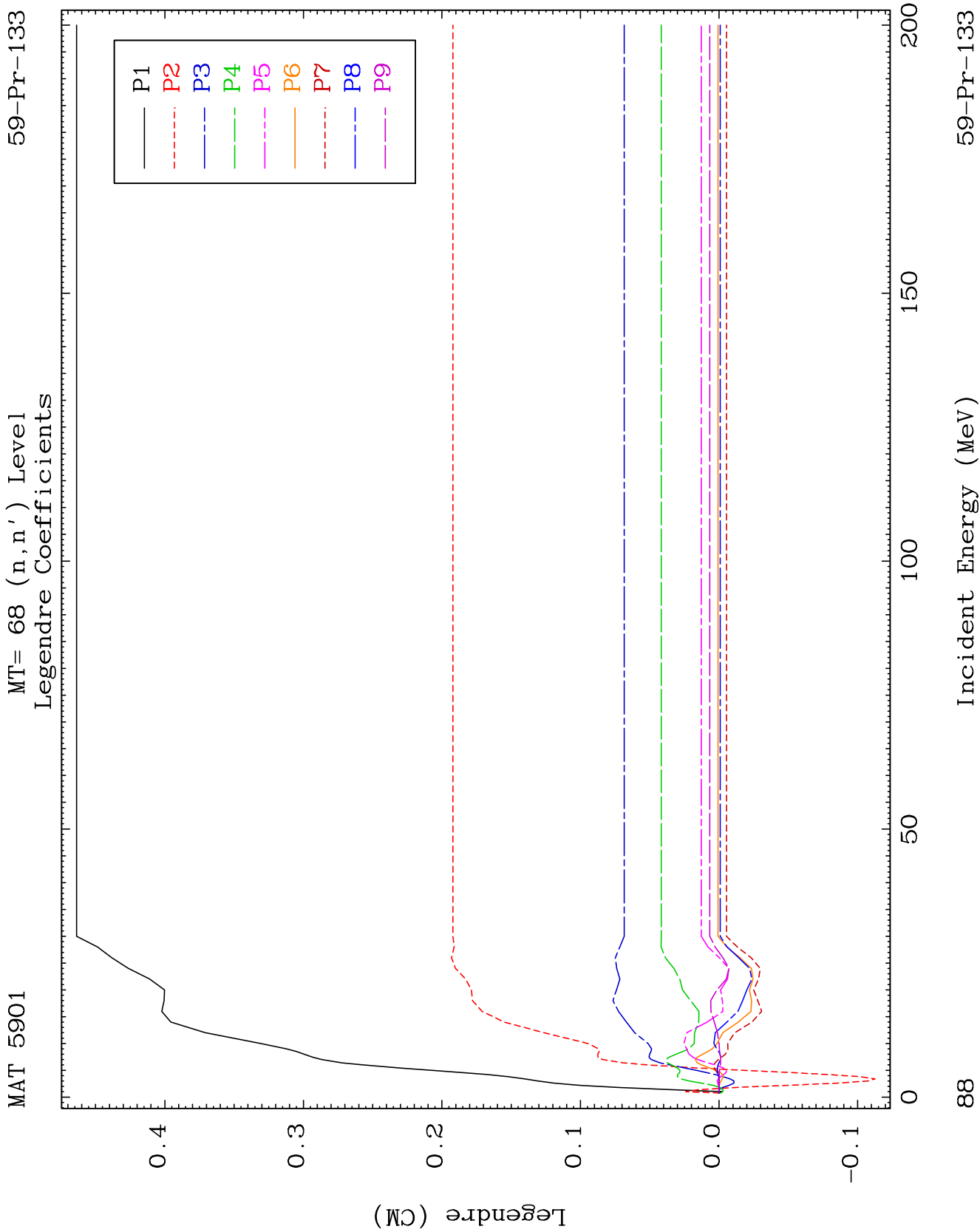
MT= 67 (n, n') Level
Legendre Coefficients

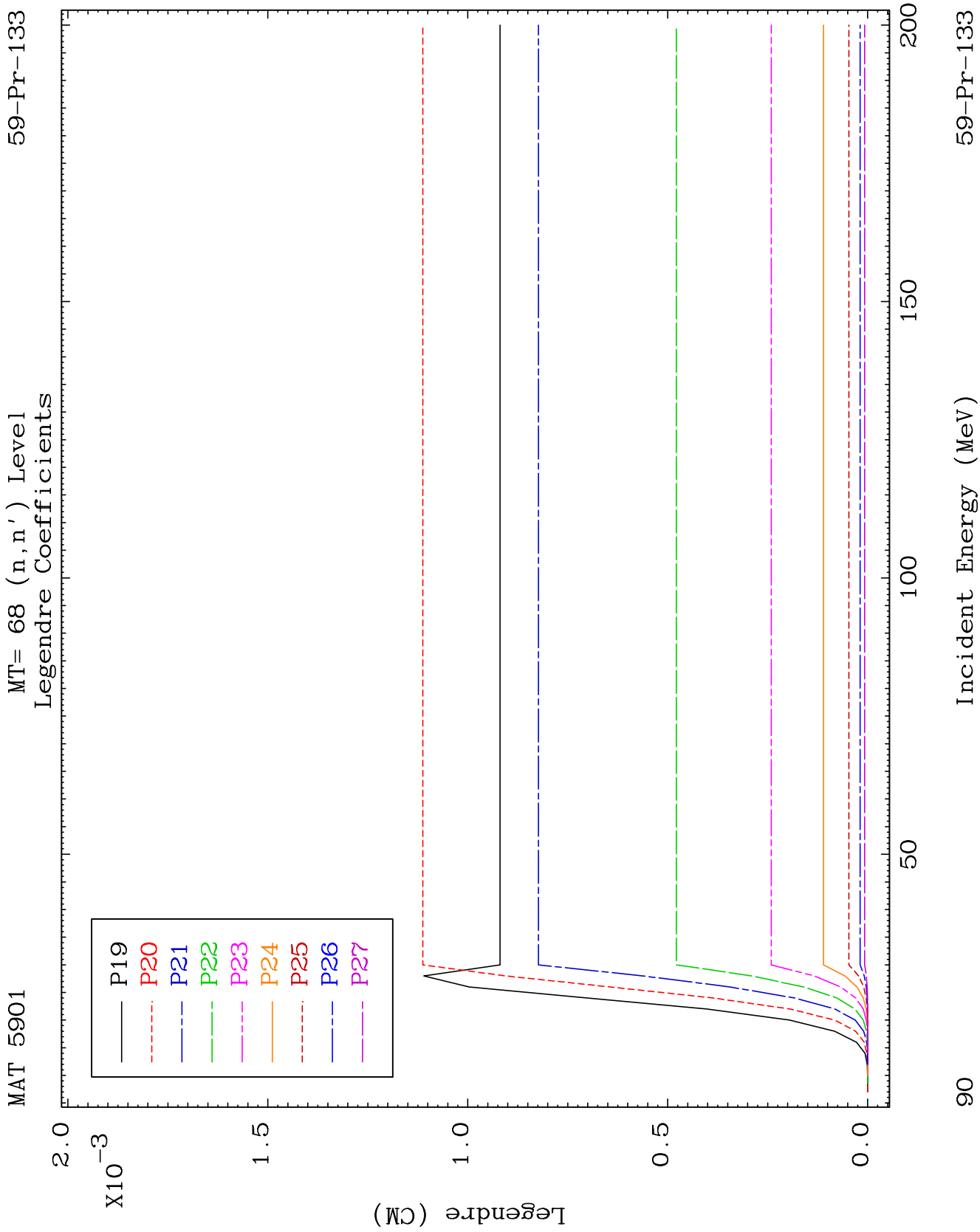
59-Pr-133

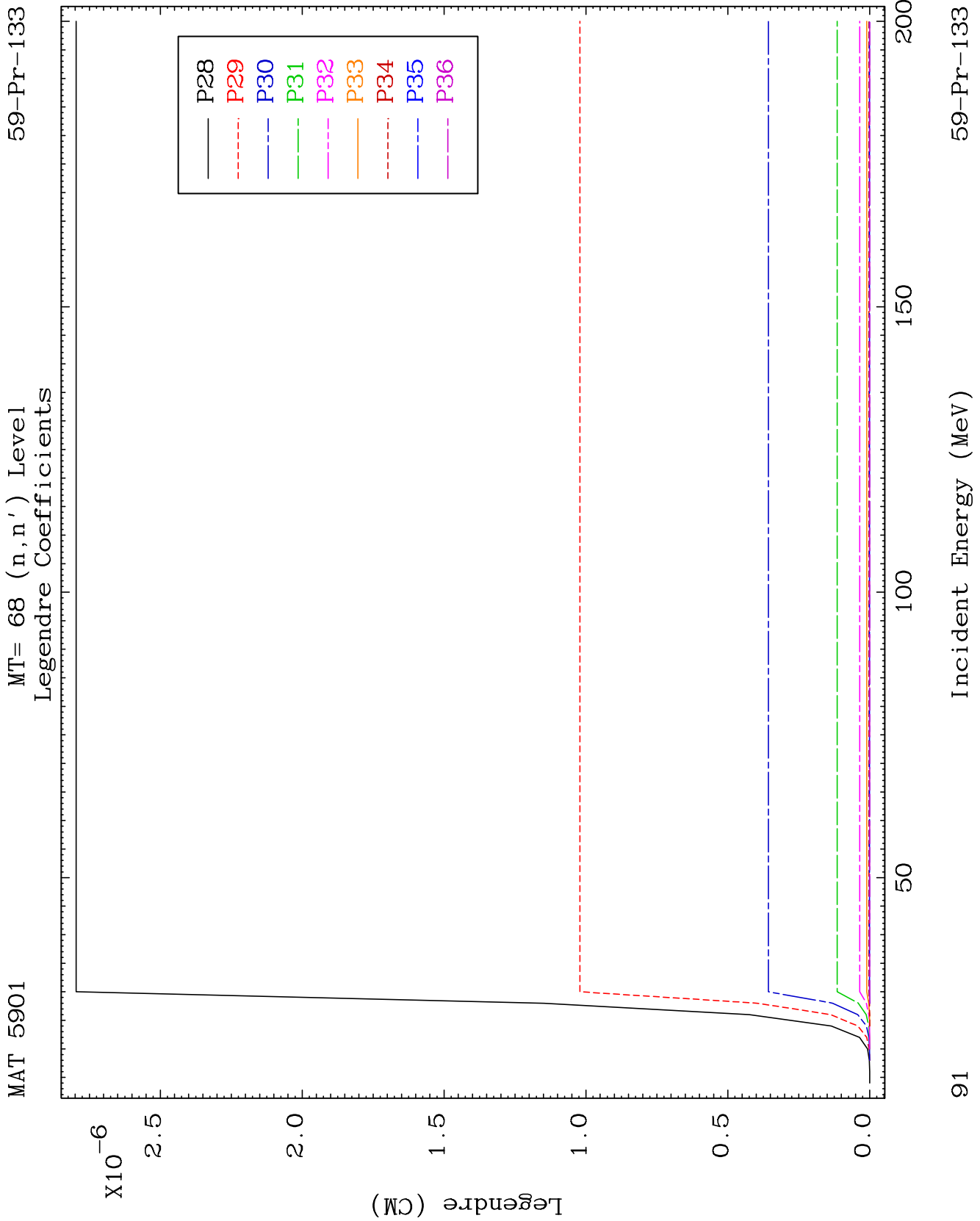








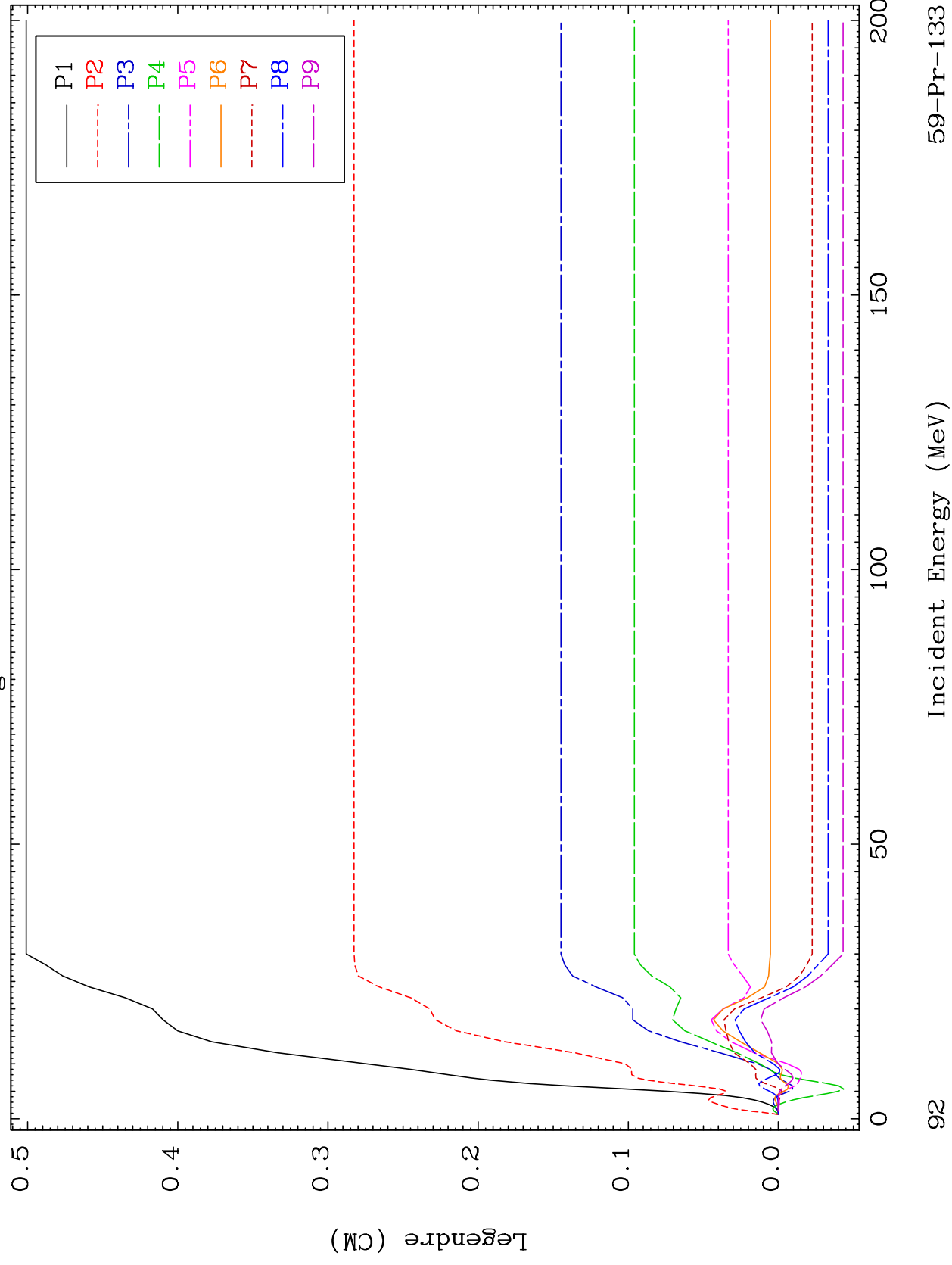


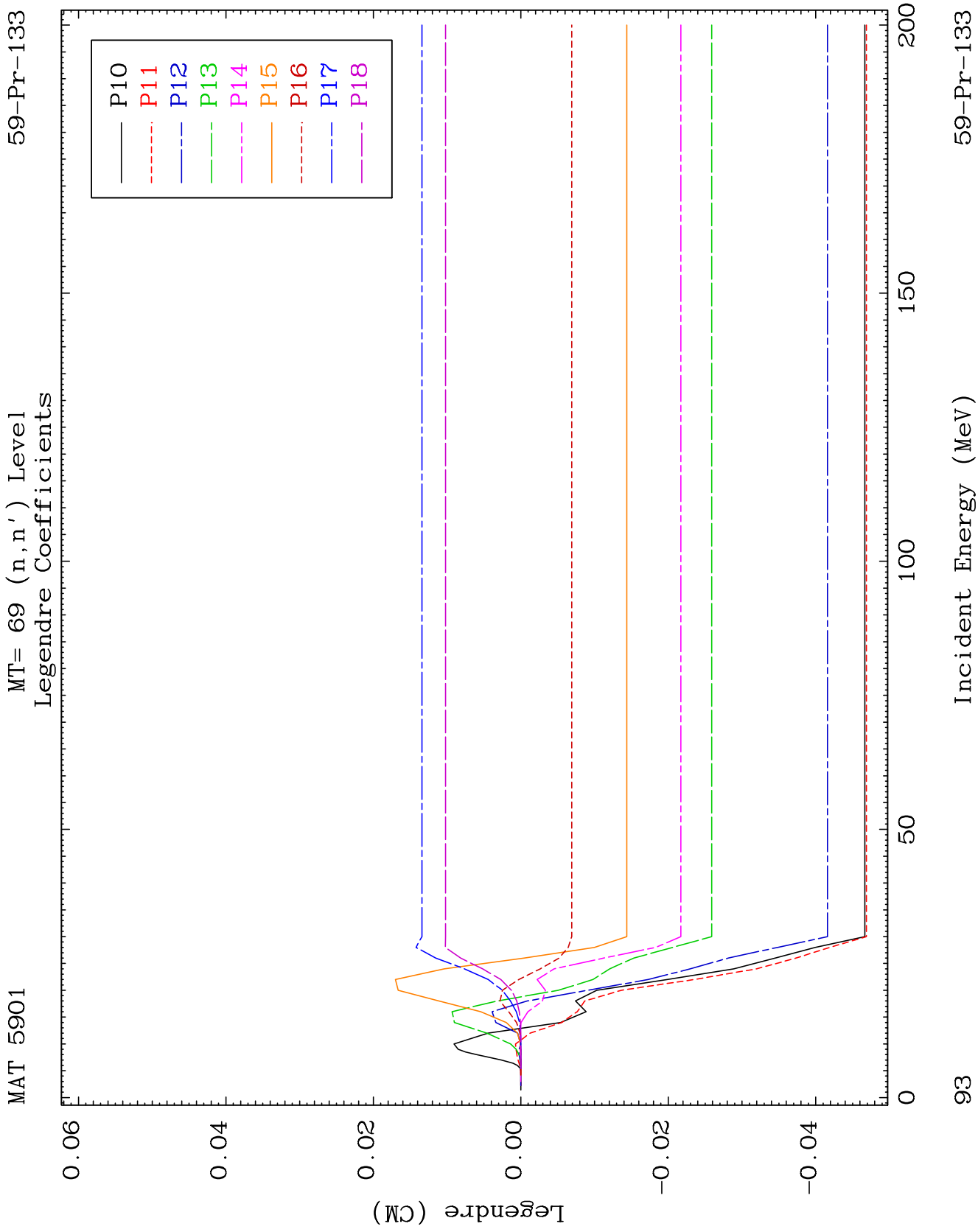


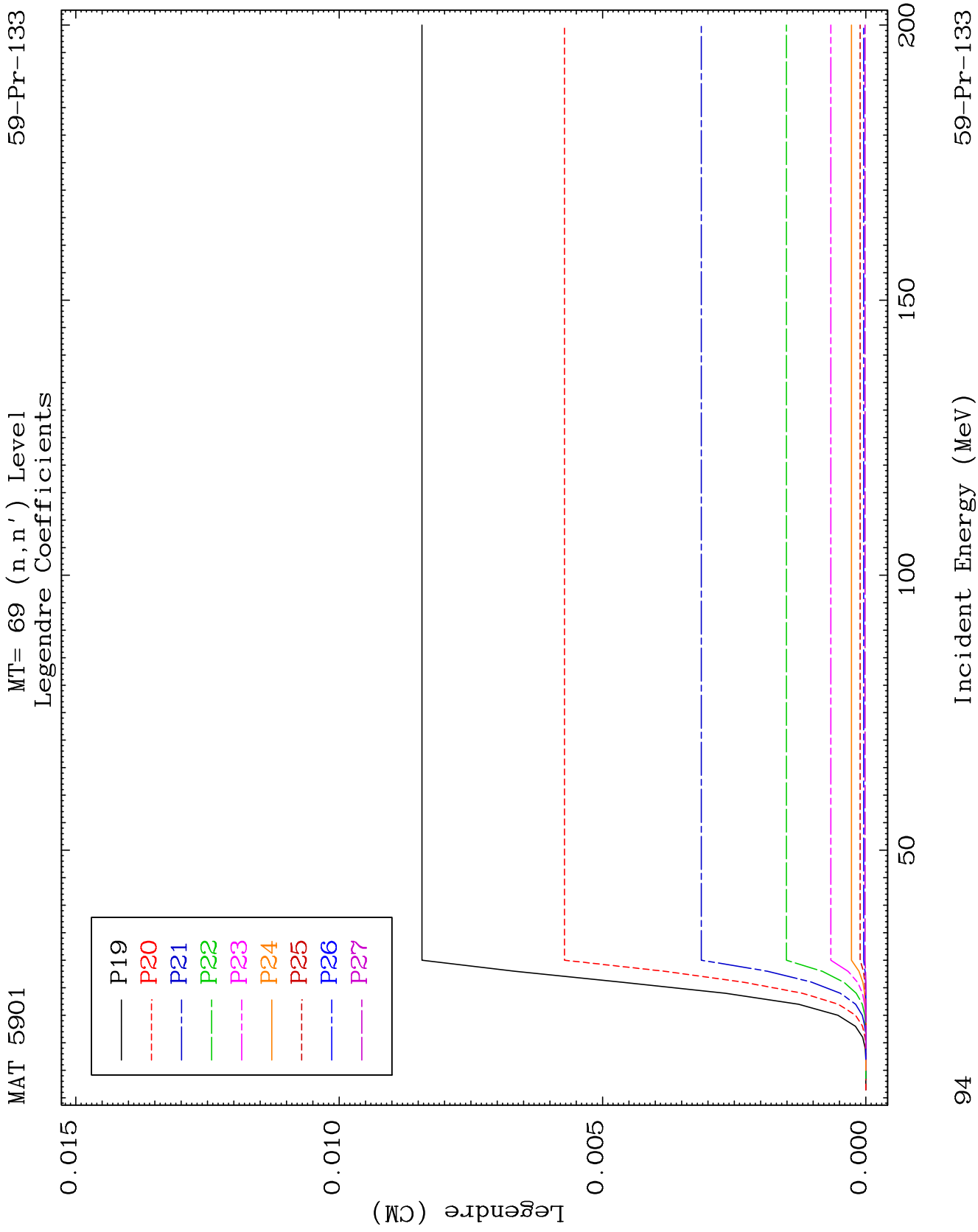
MAT 5901

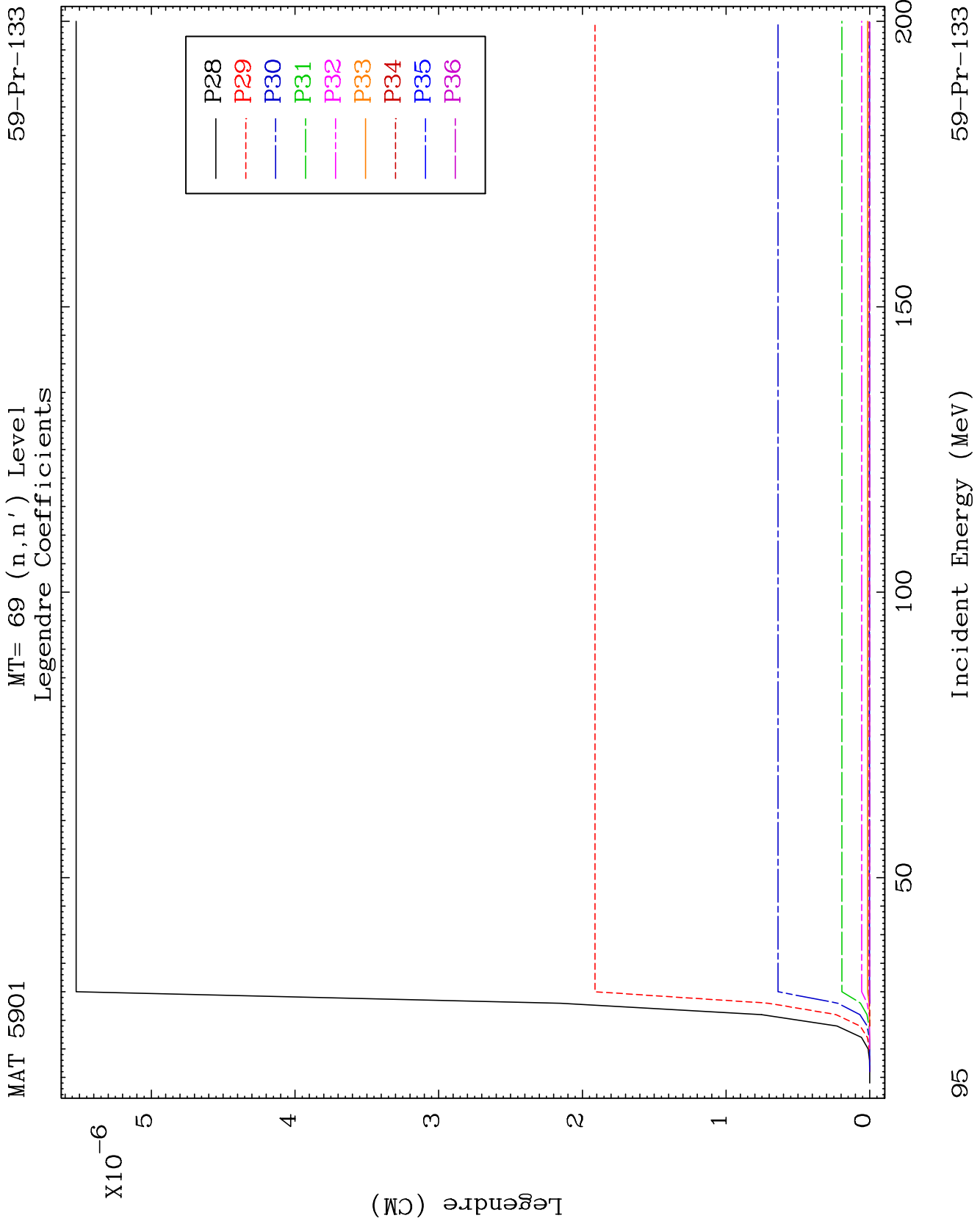
MT= 69 (n, n') Level
Legendre Coefficients

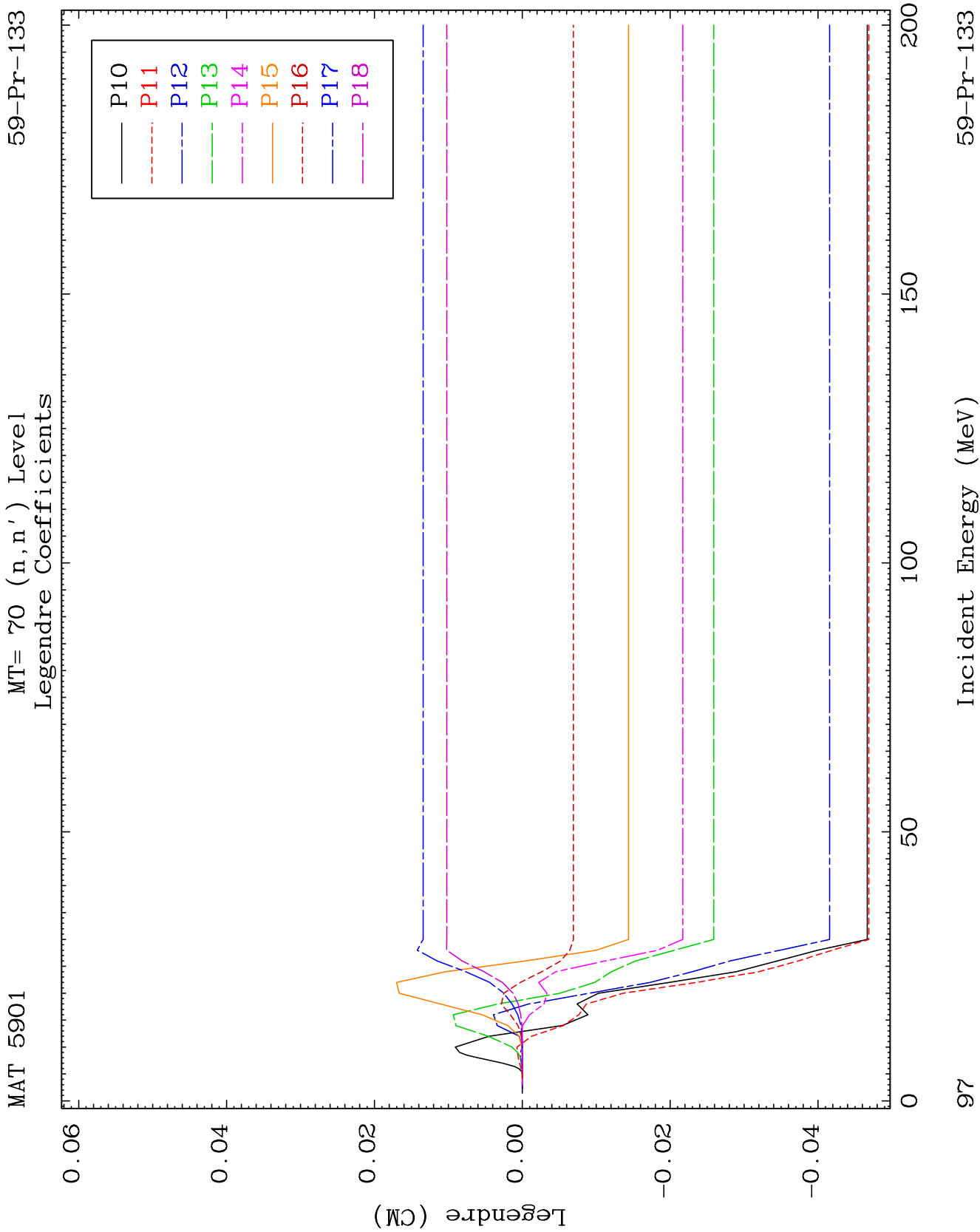
59-Pr-133

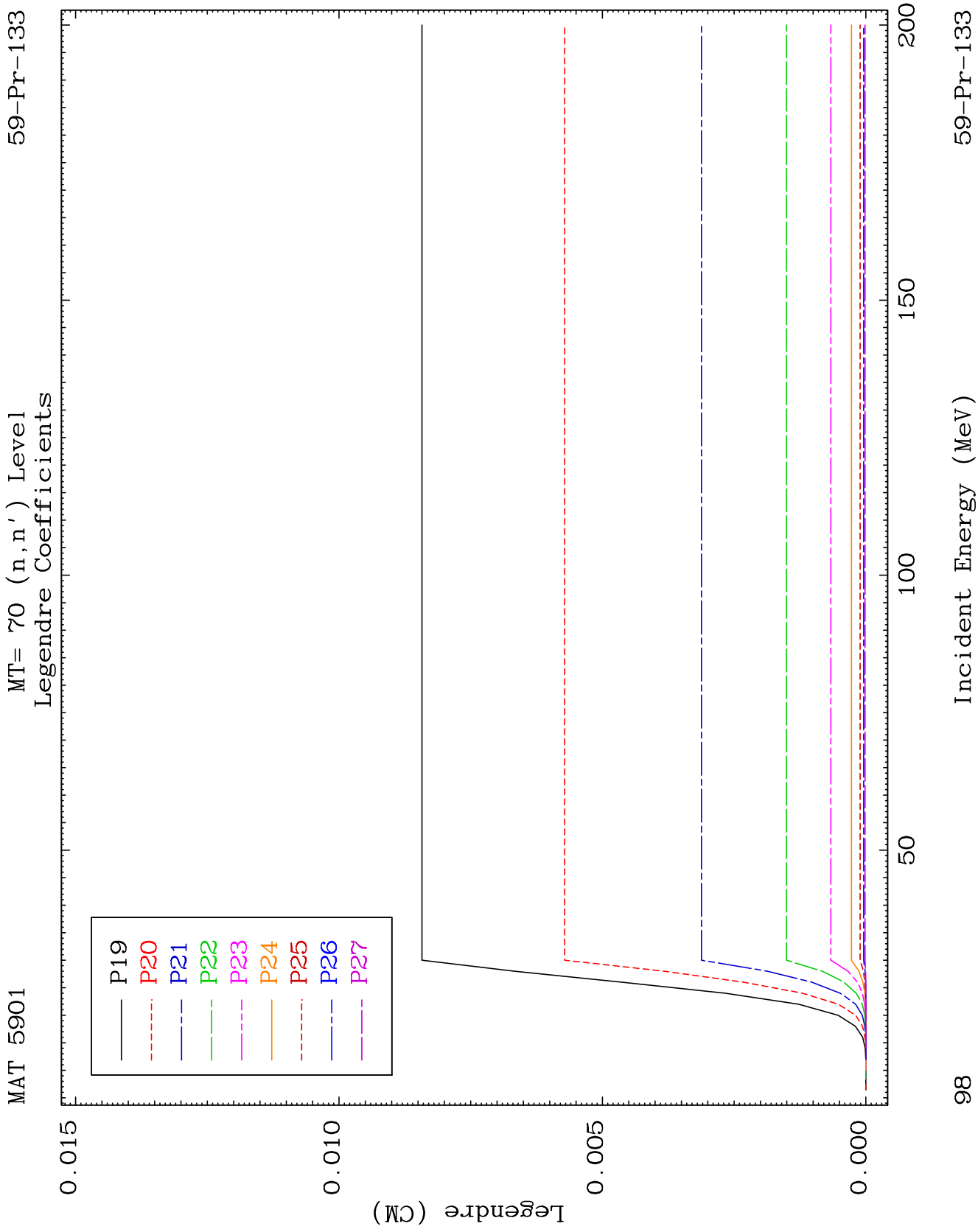


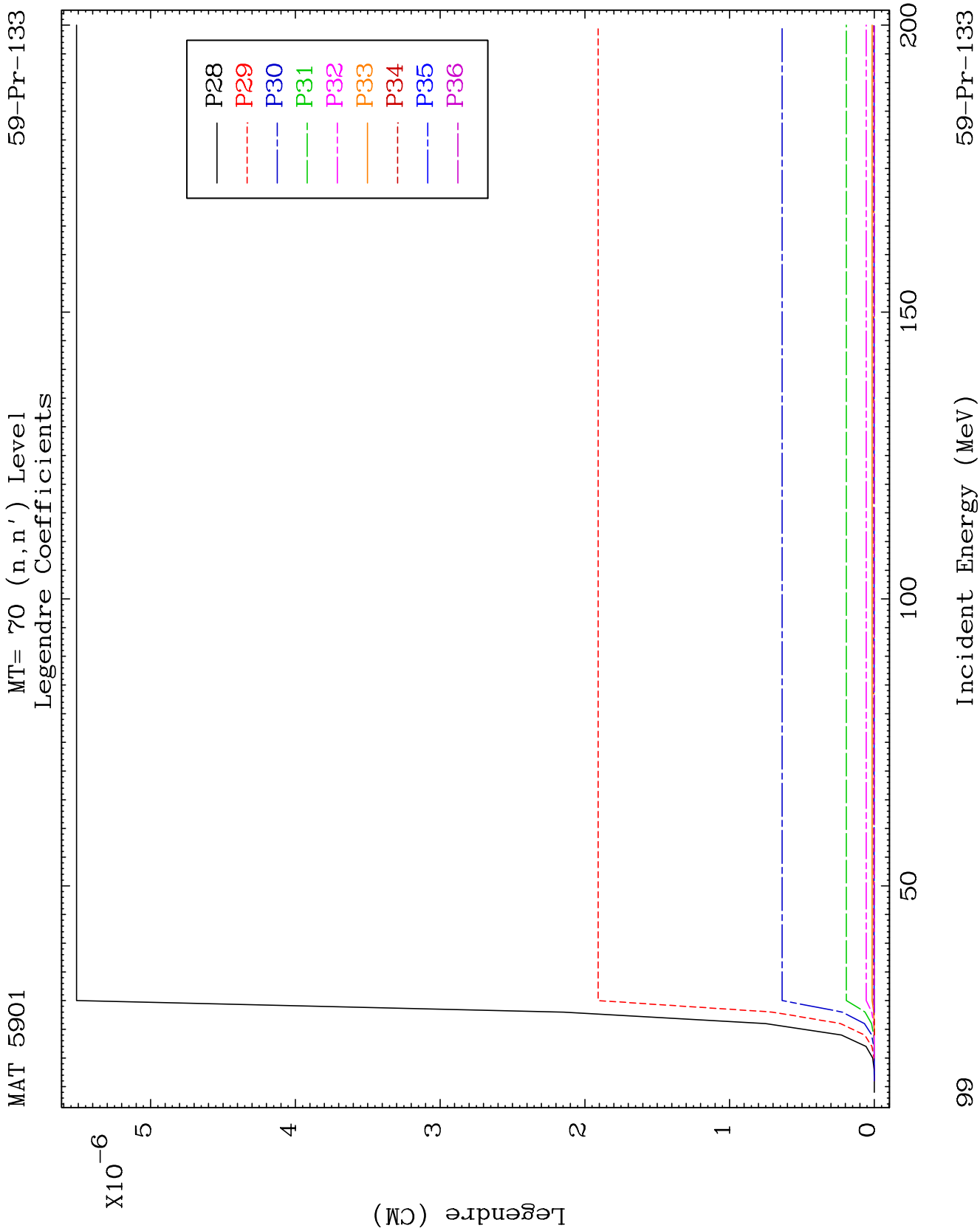


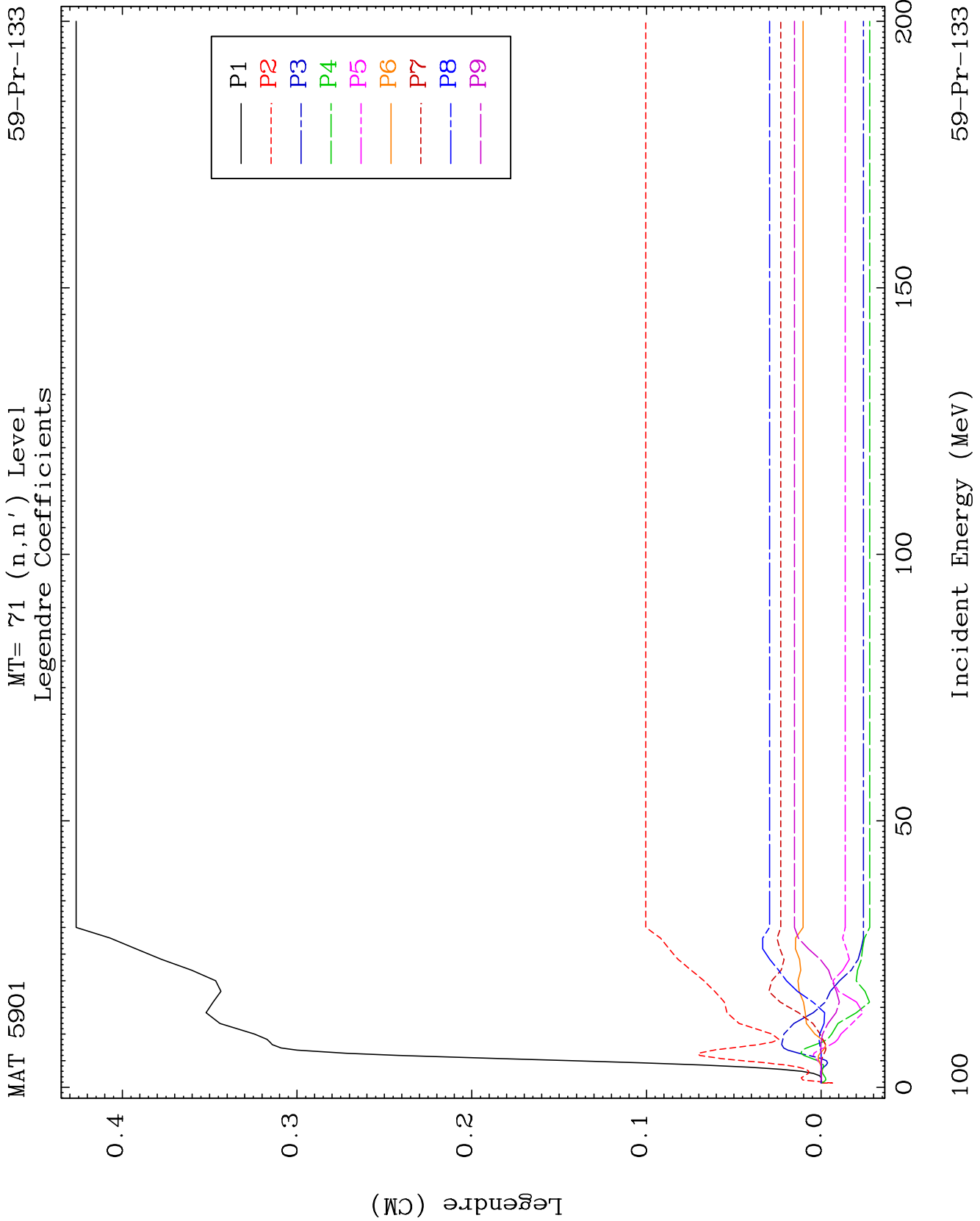


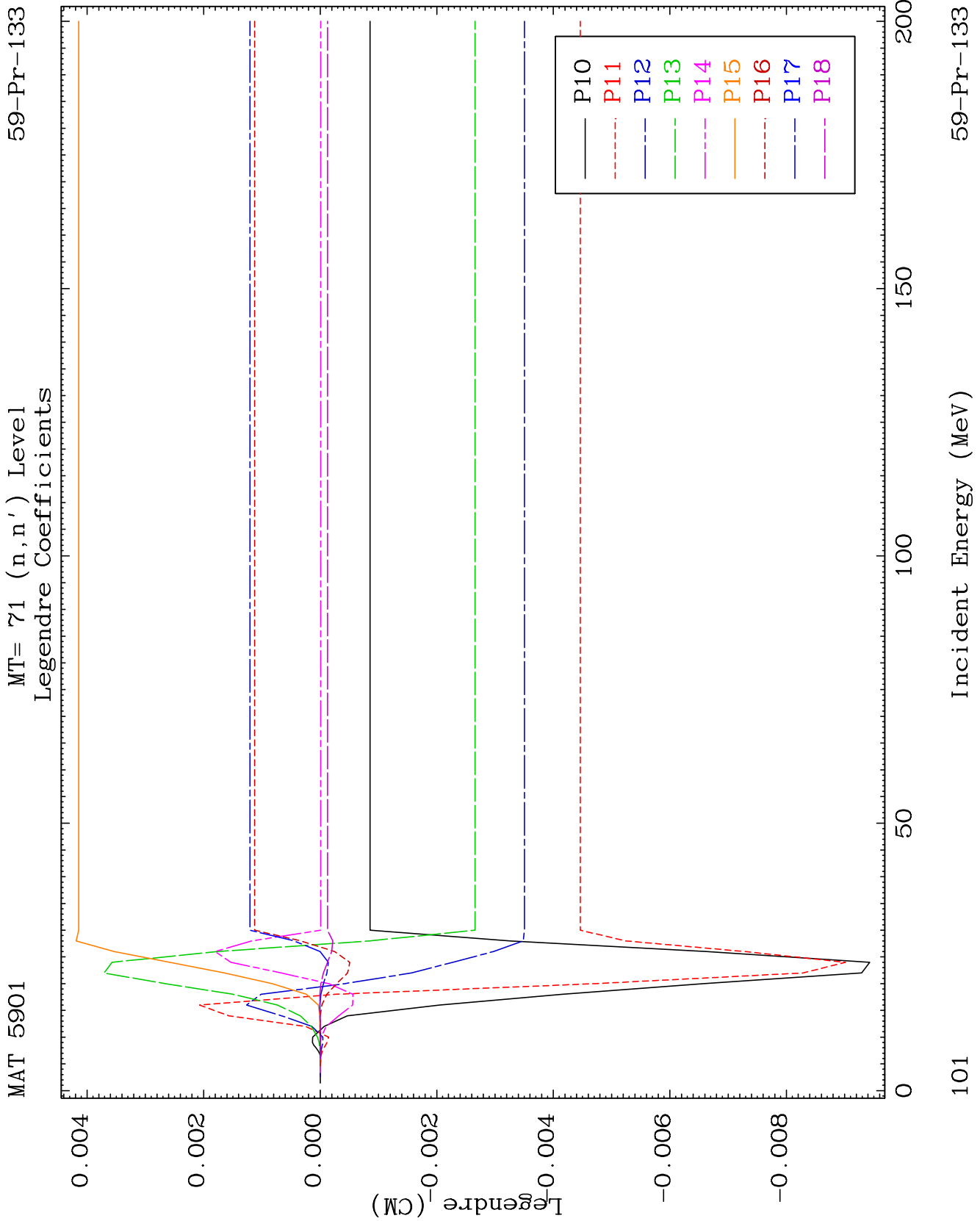


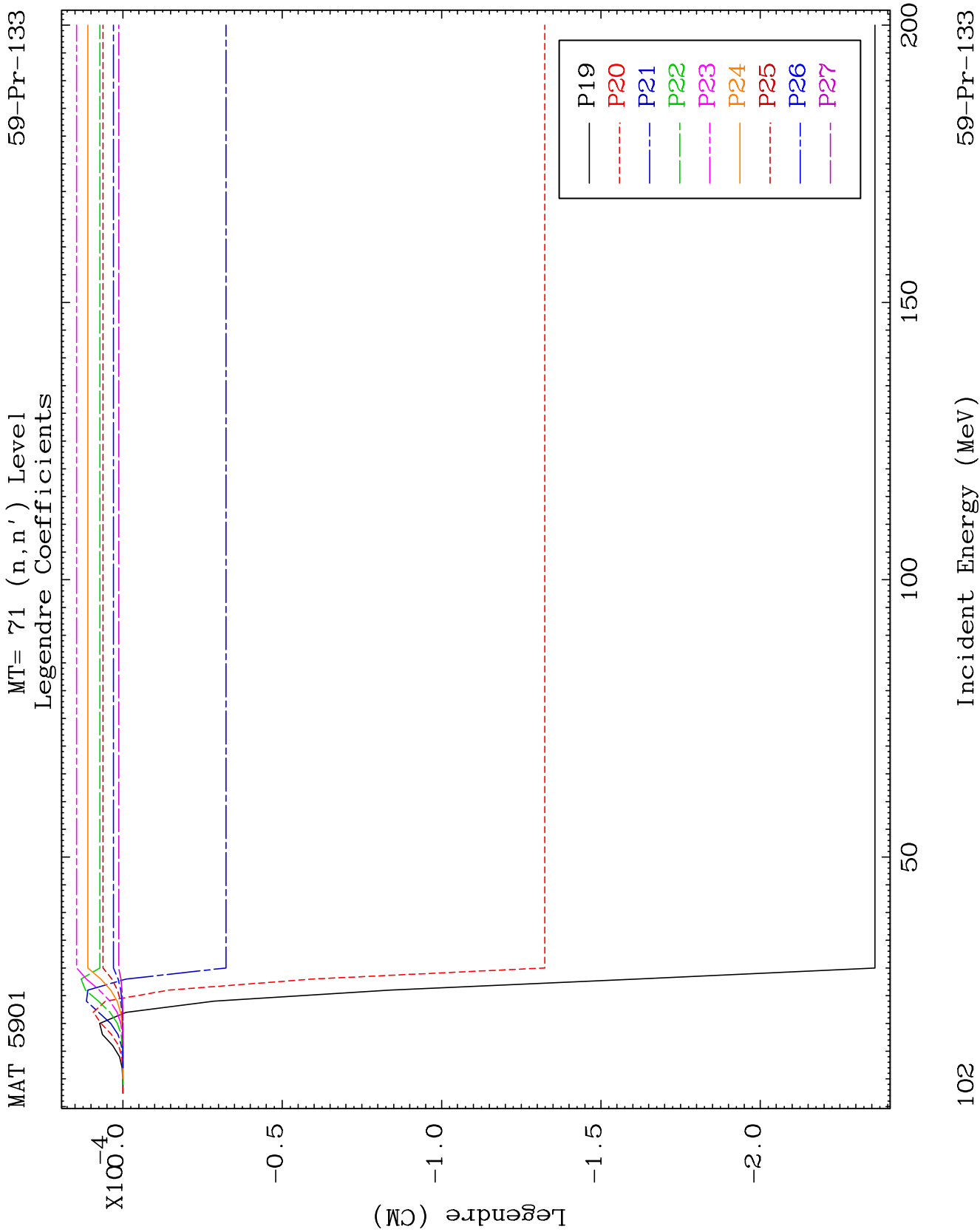


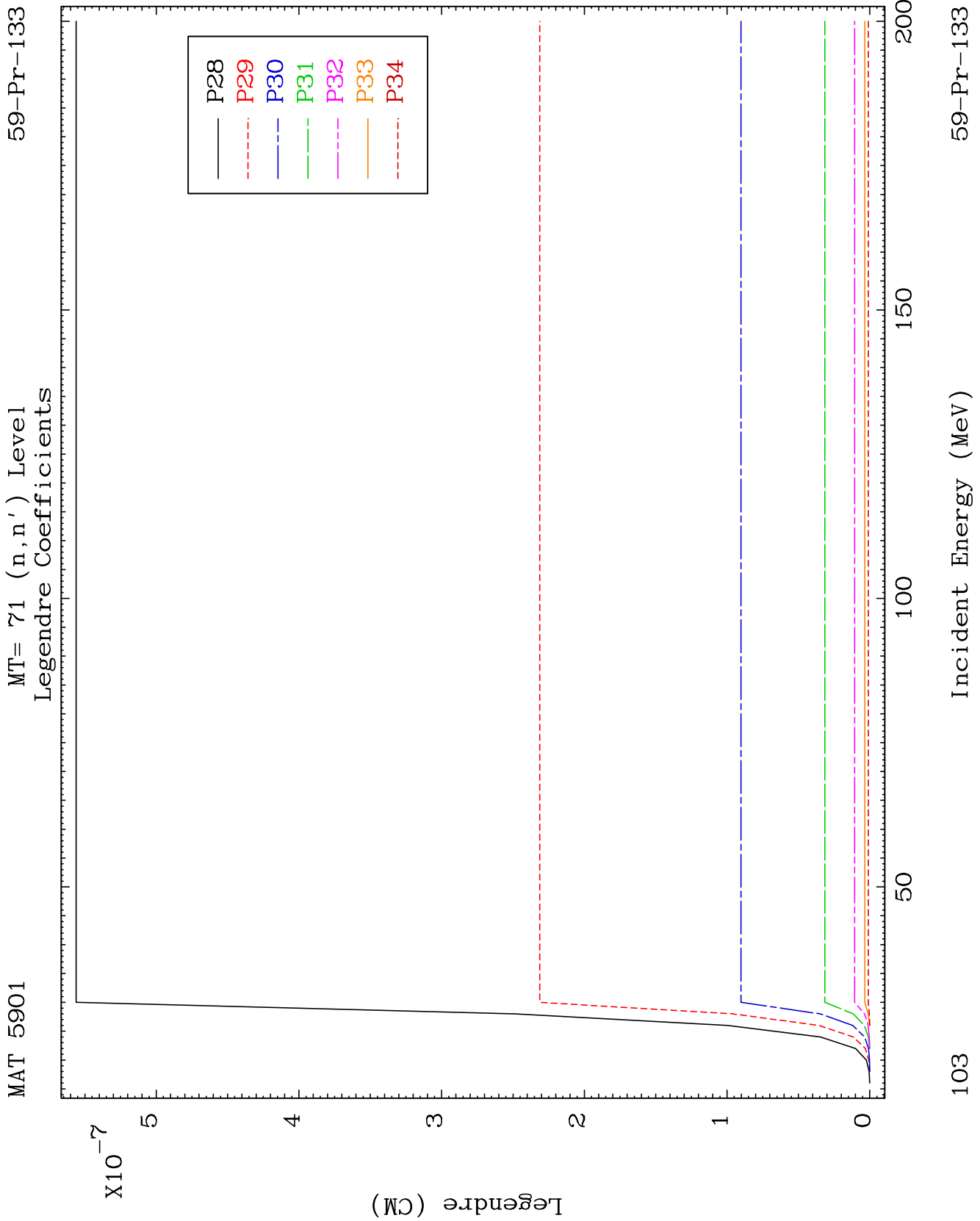


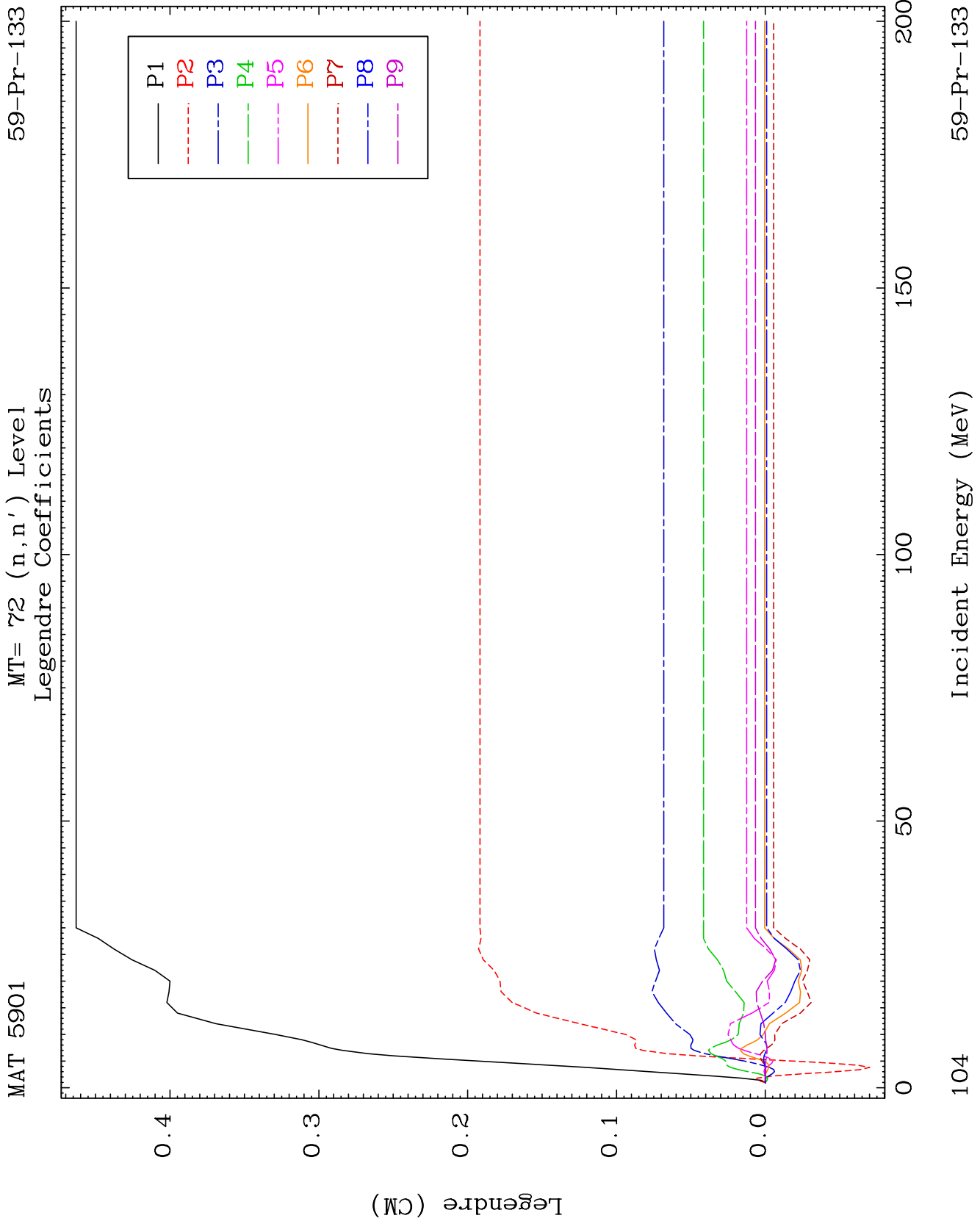








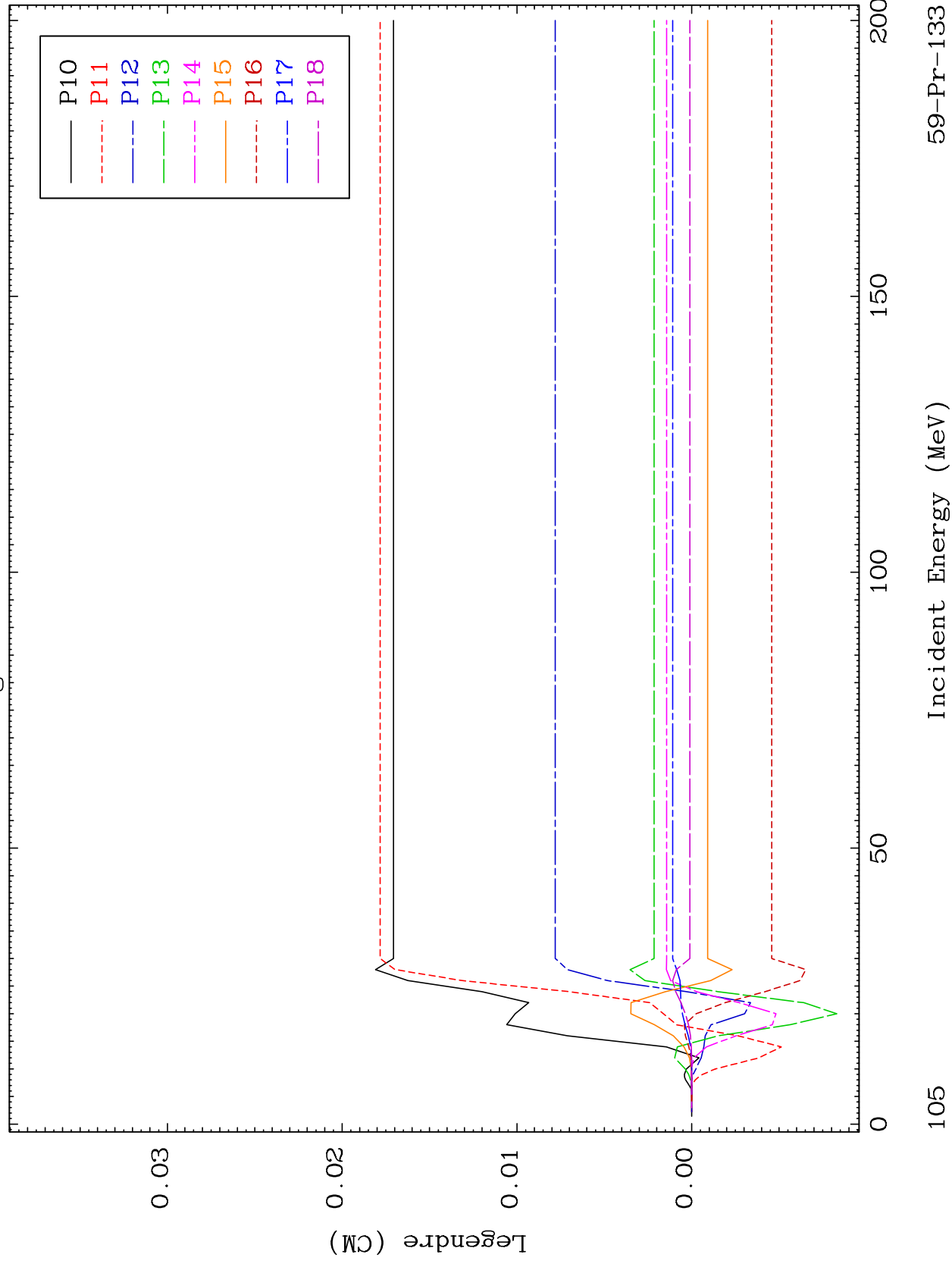




MAT 5901

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

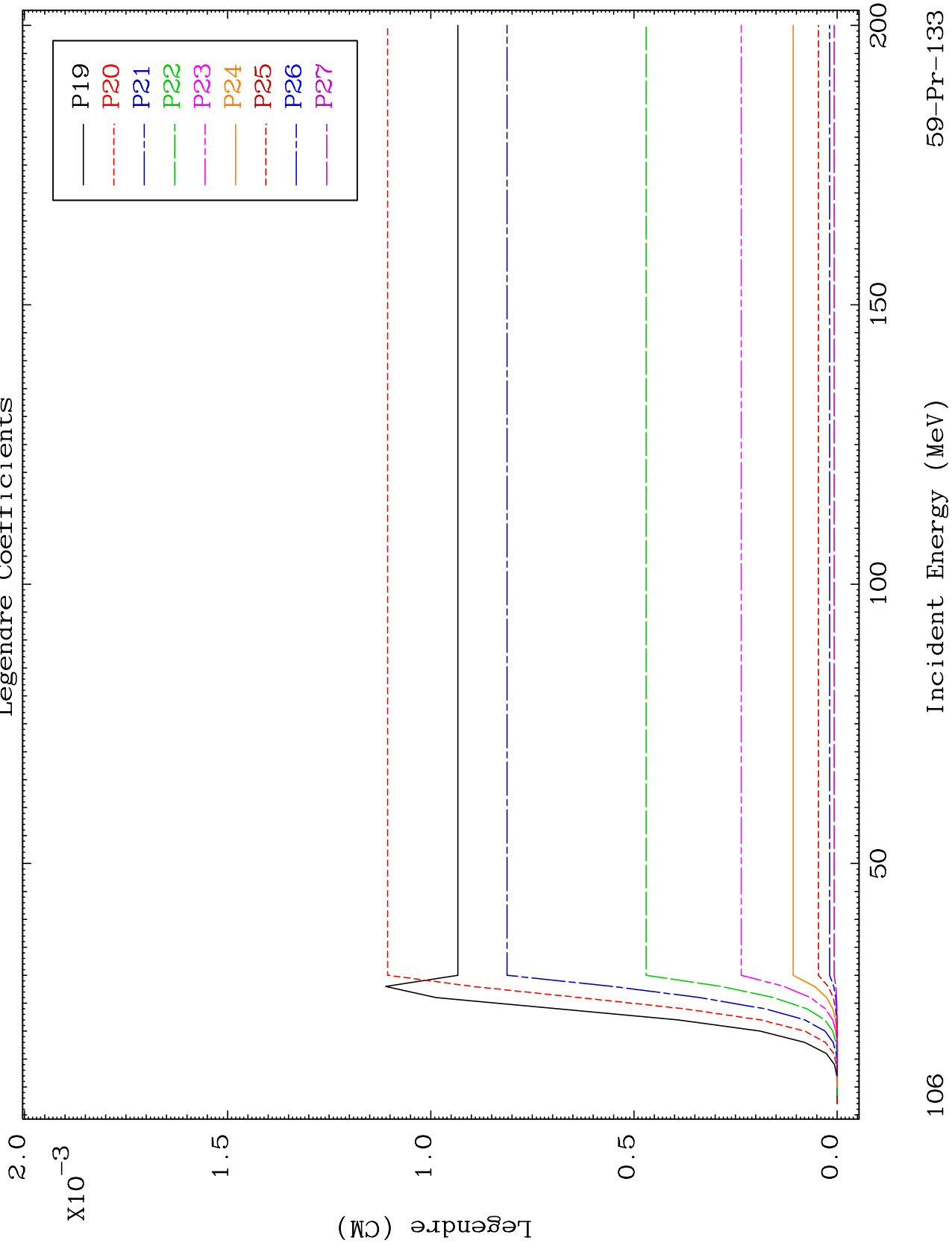
59-Pr-133

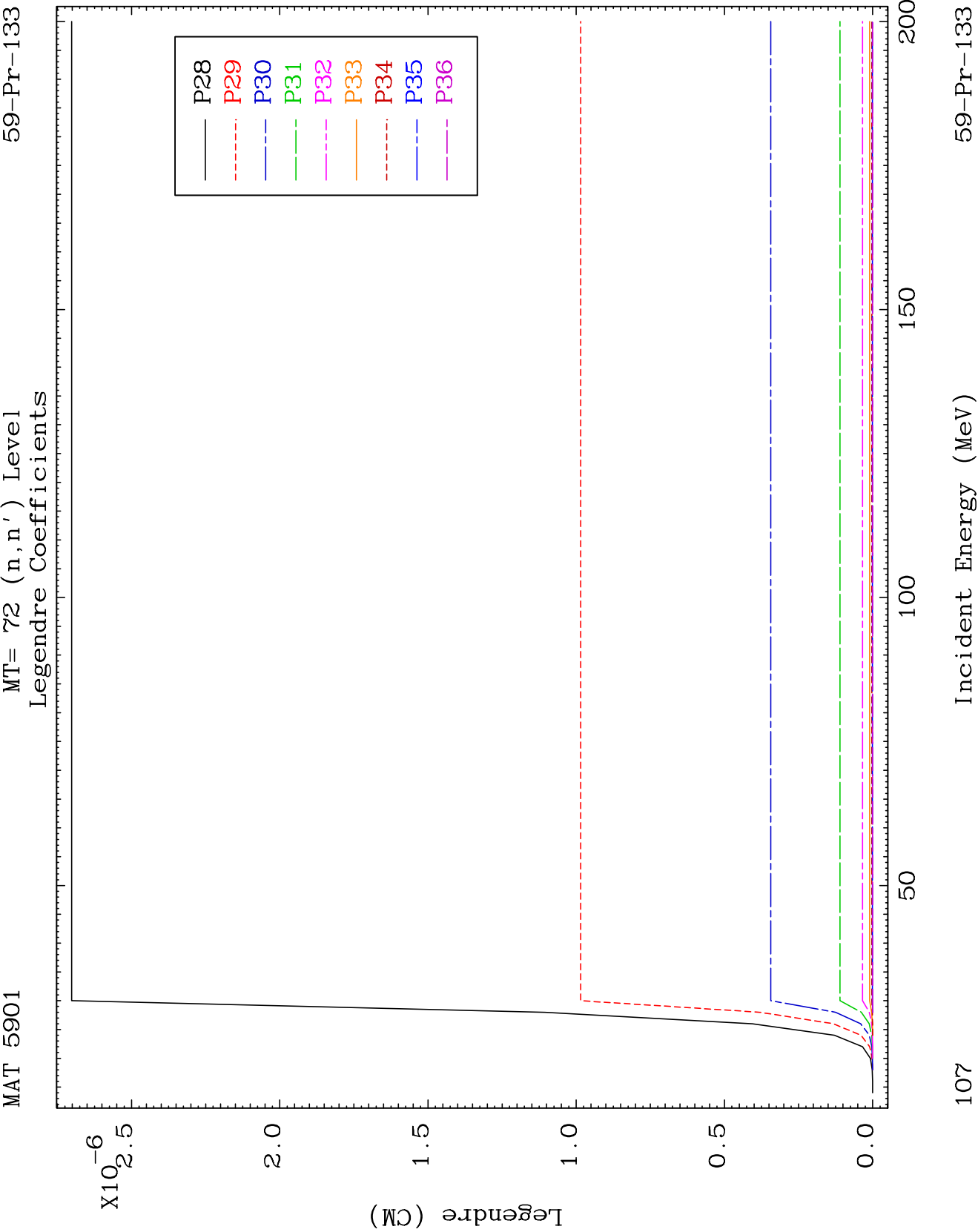


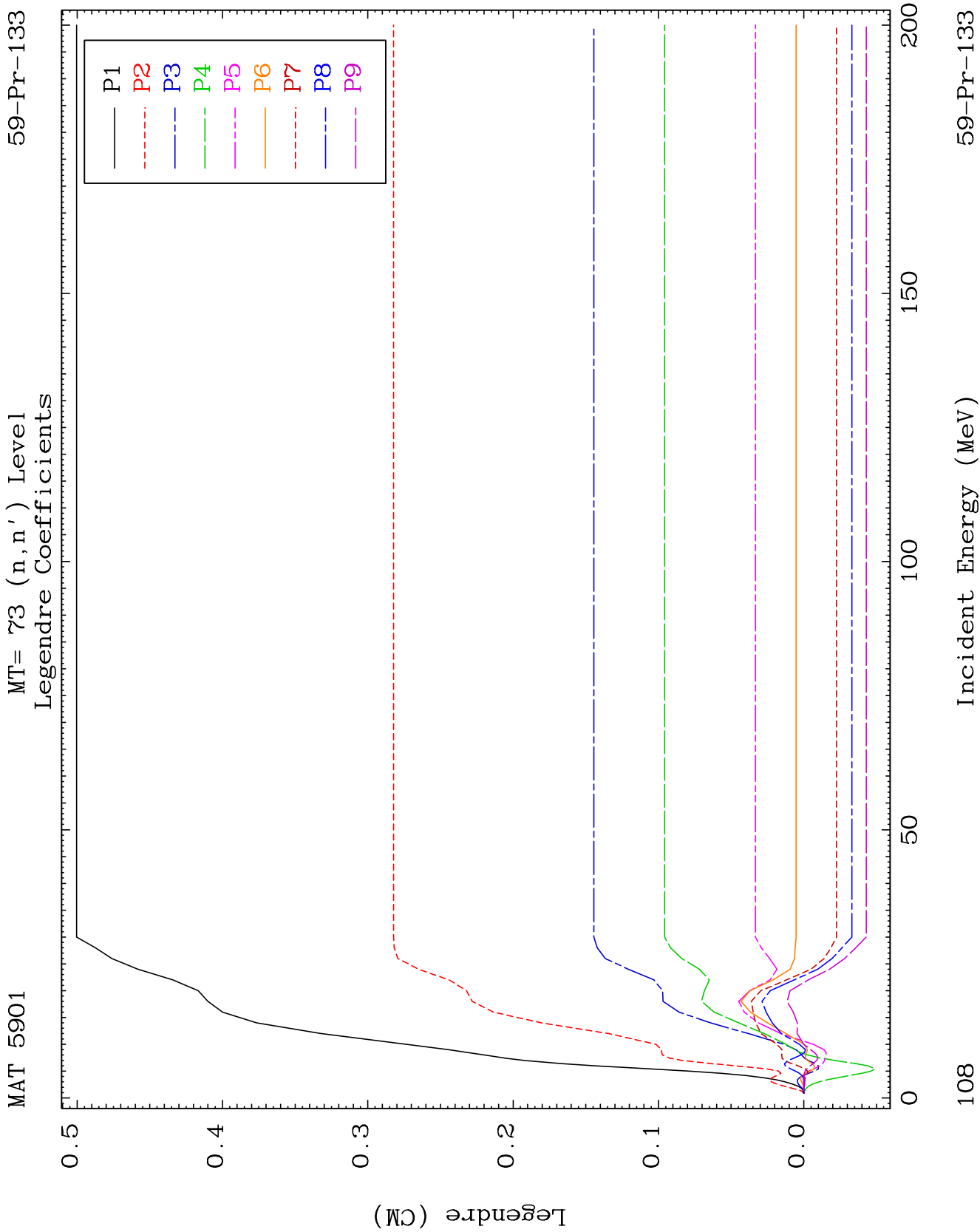
MAT 5901

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

59-Pr-133



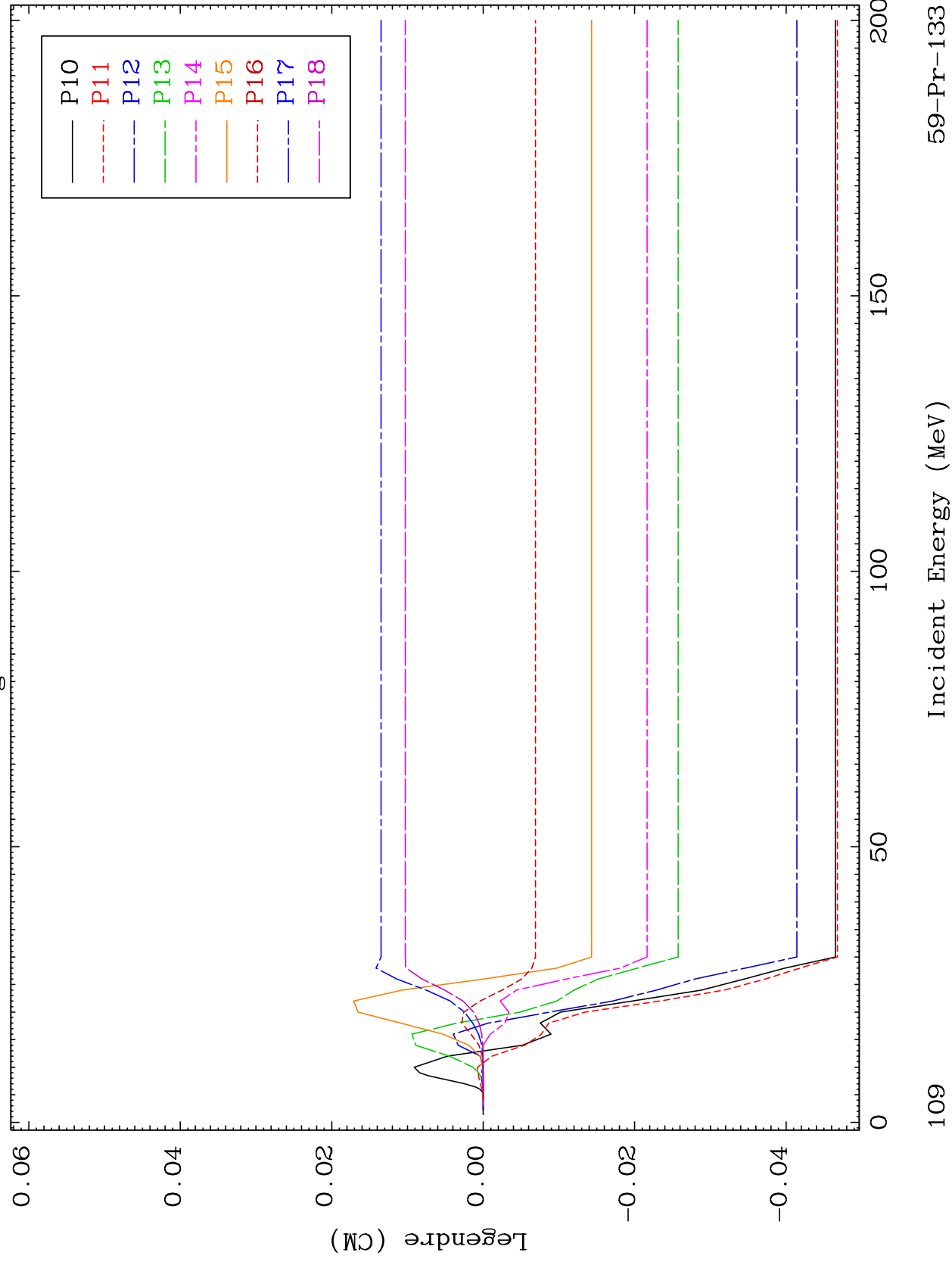


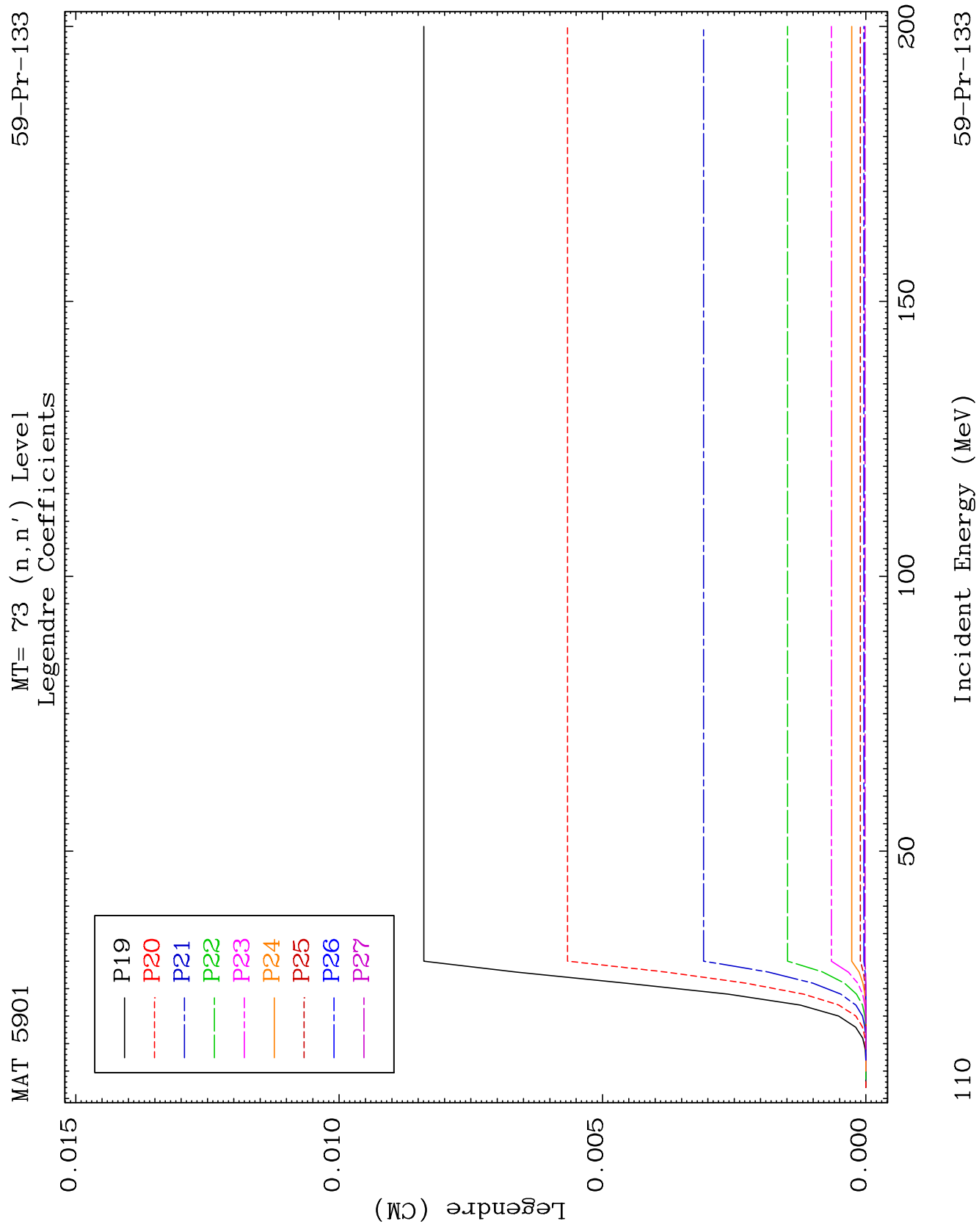


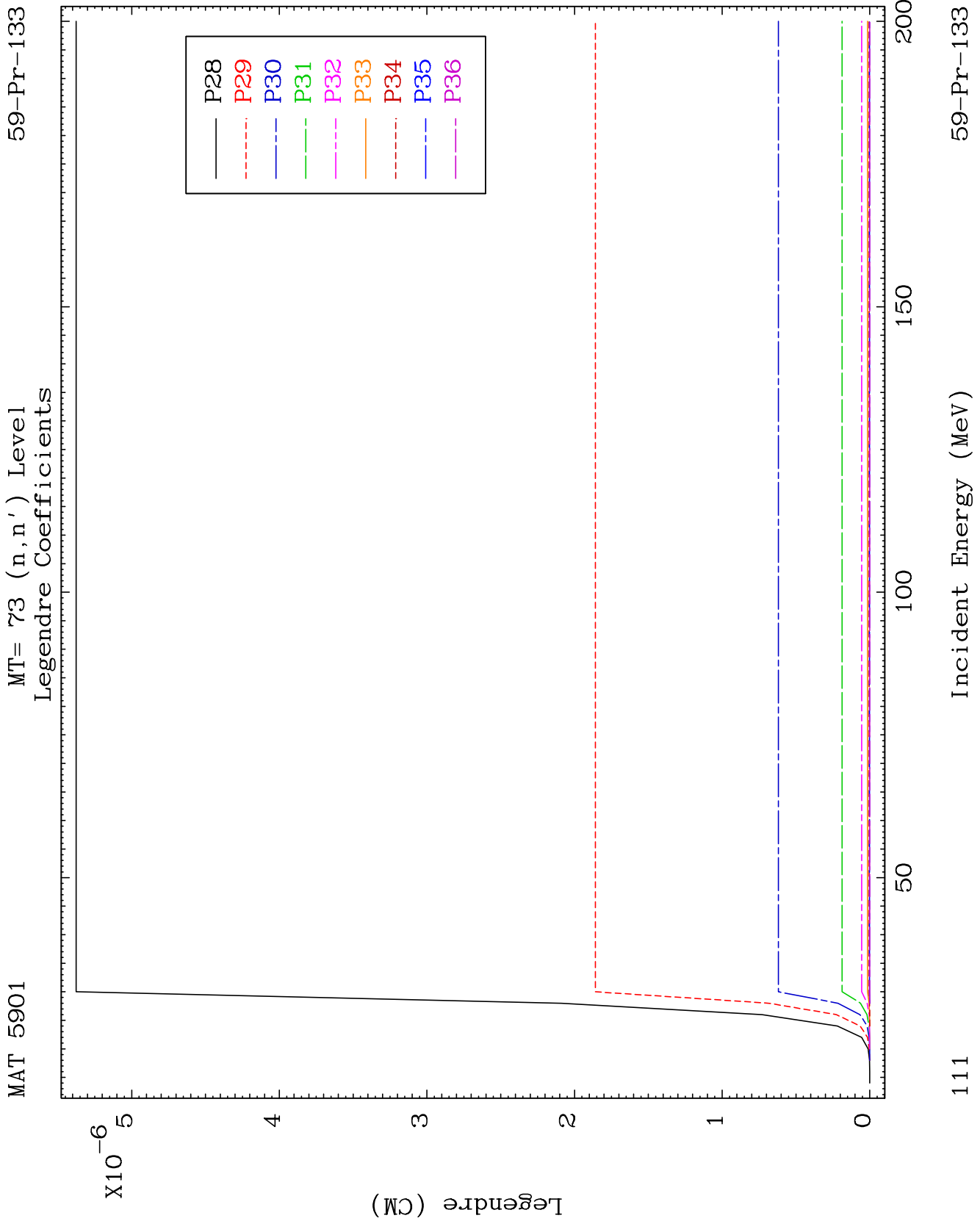
MAT 5901

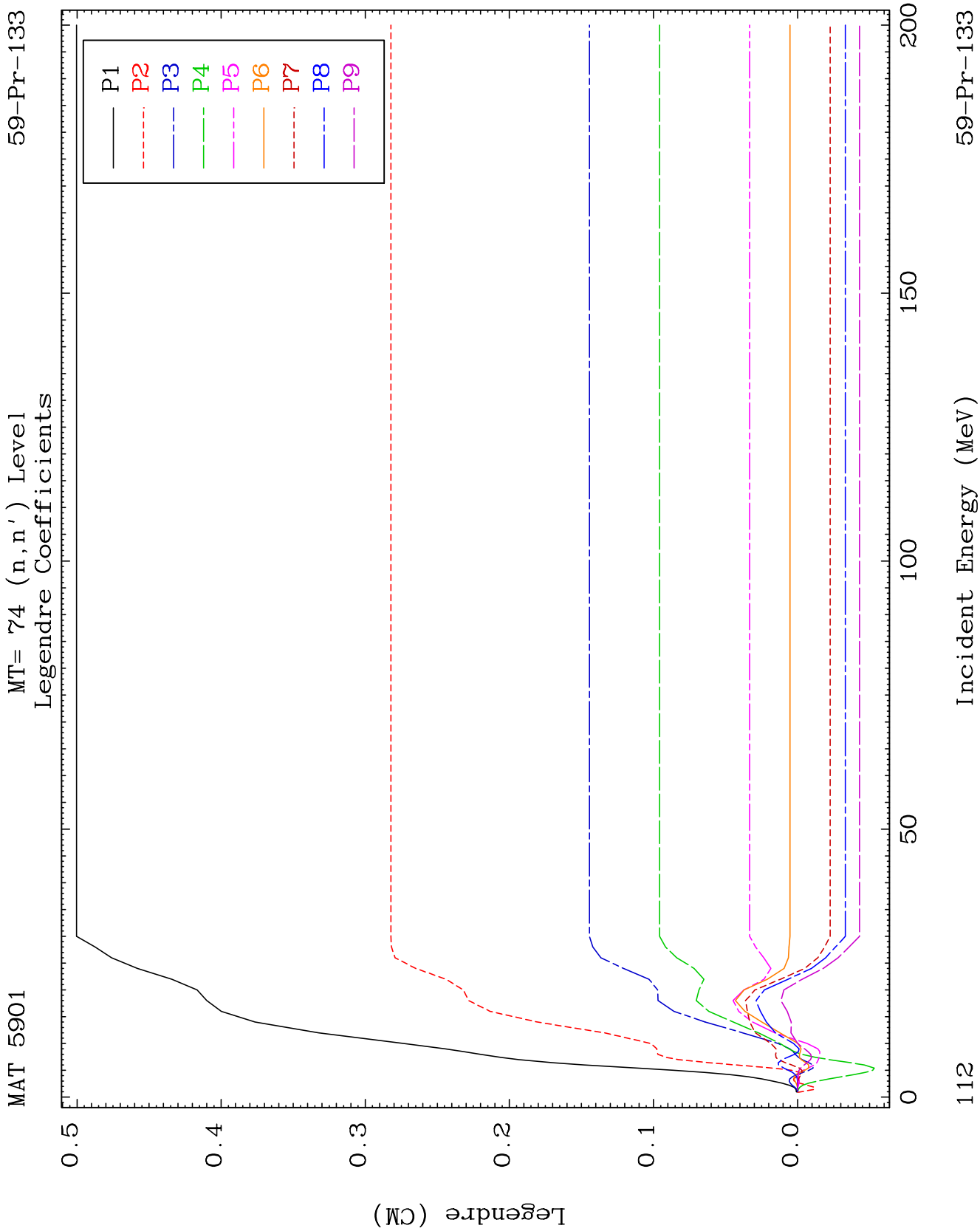
MT= 73 (n, n') Level
Legendre Coefficients

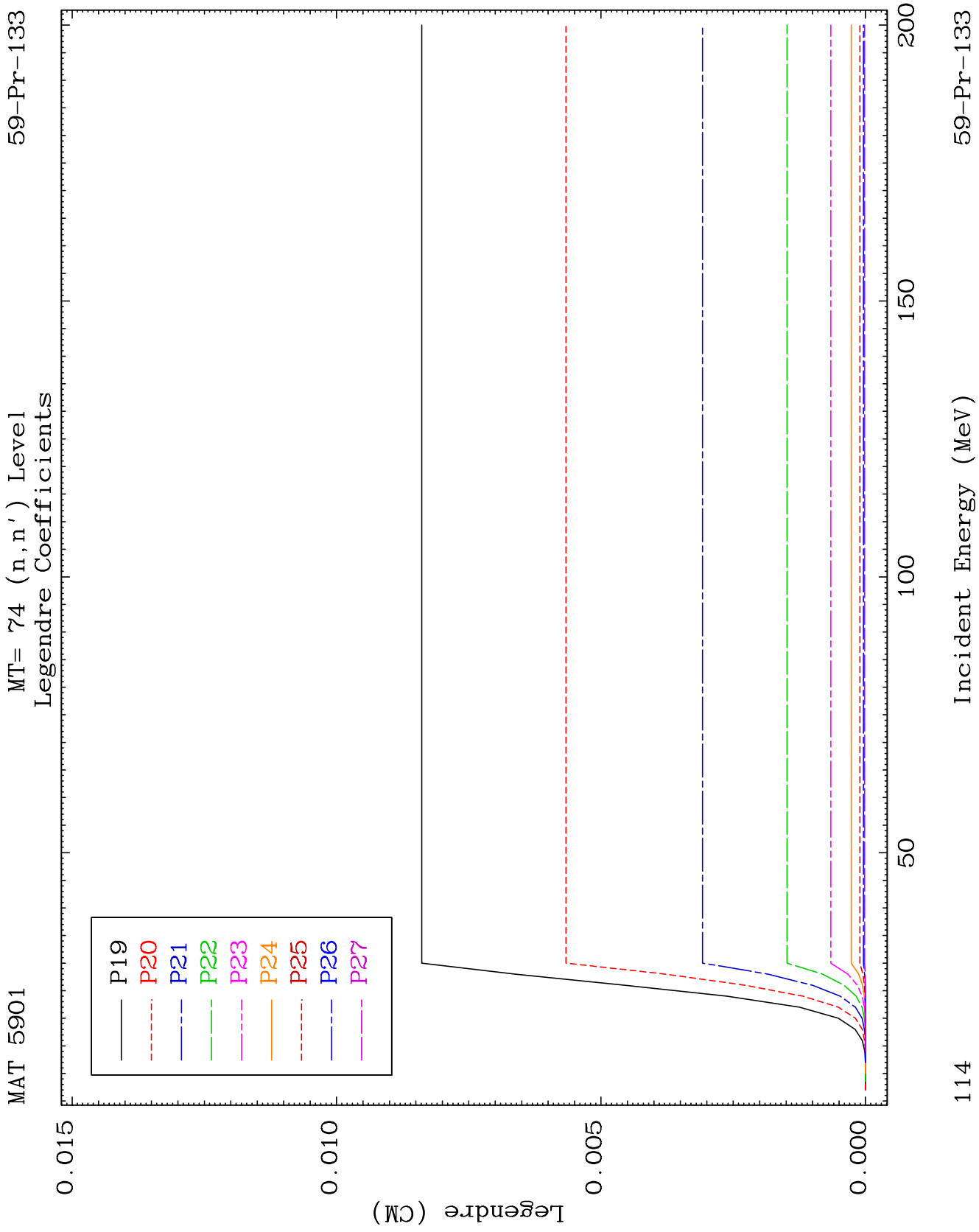
59-Pr-133

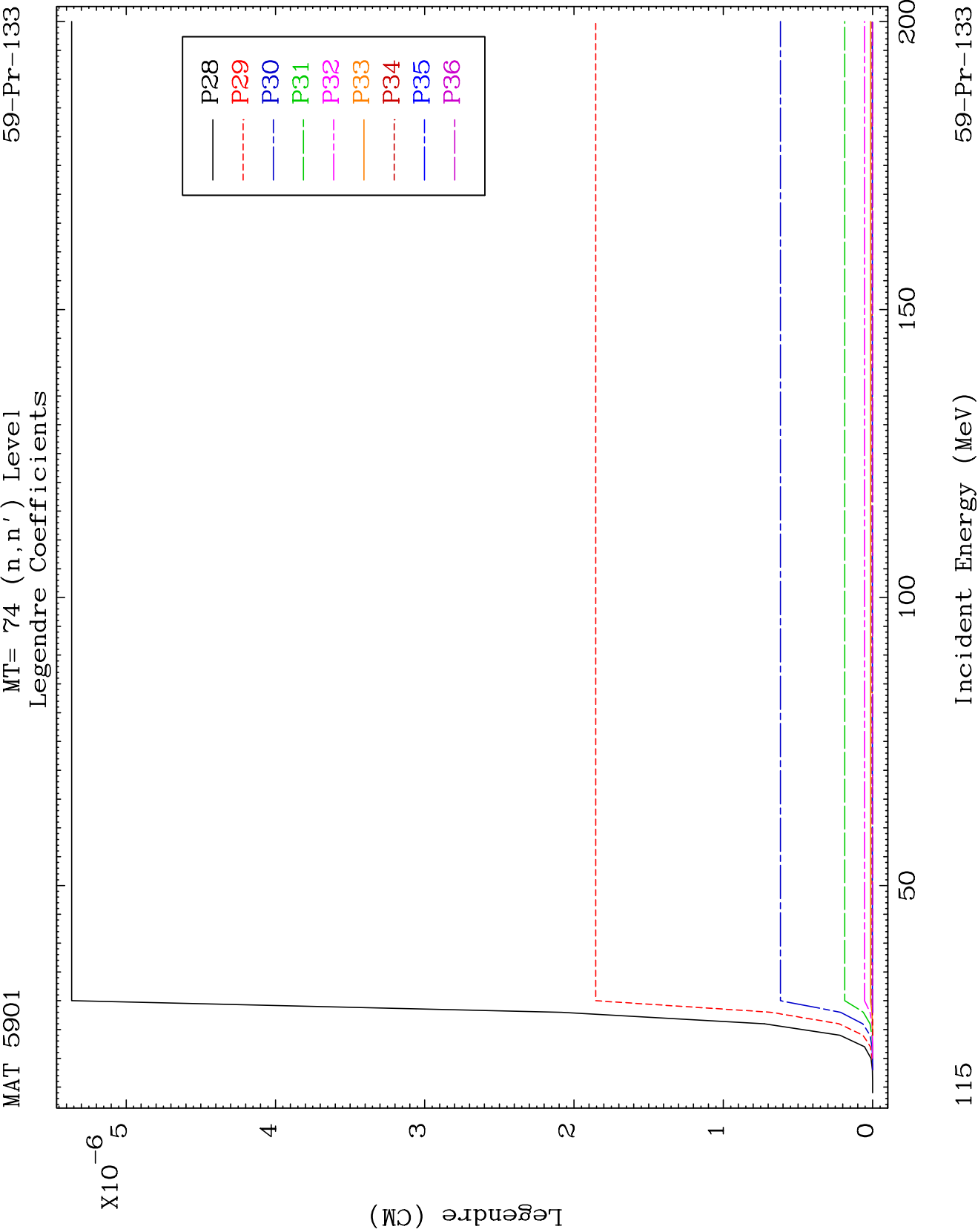








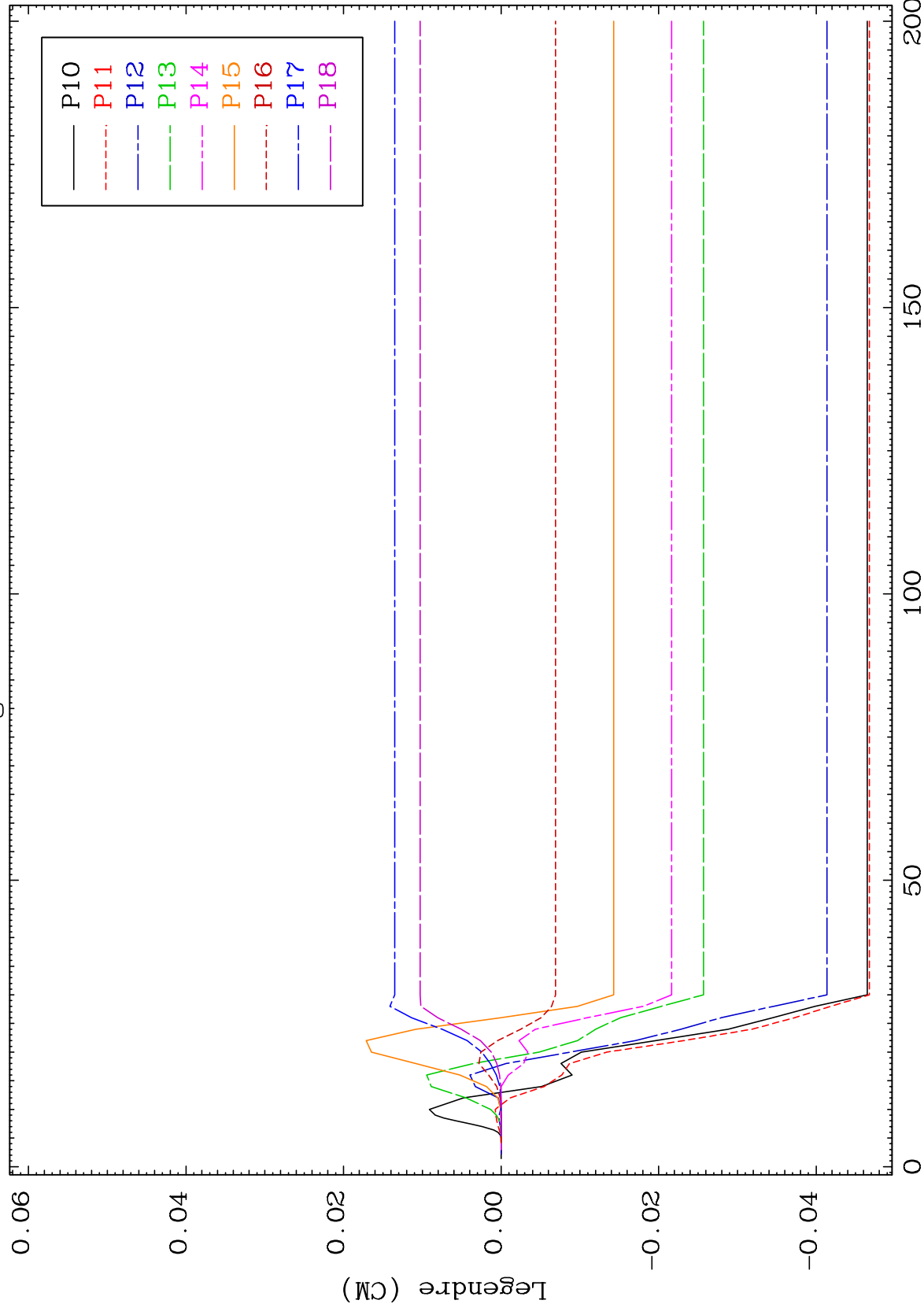




MAT 5901

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

59-Pr-133



117

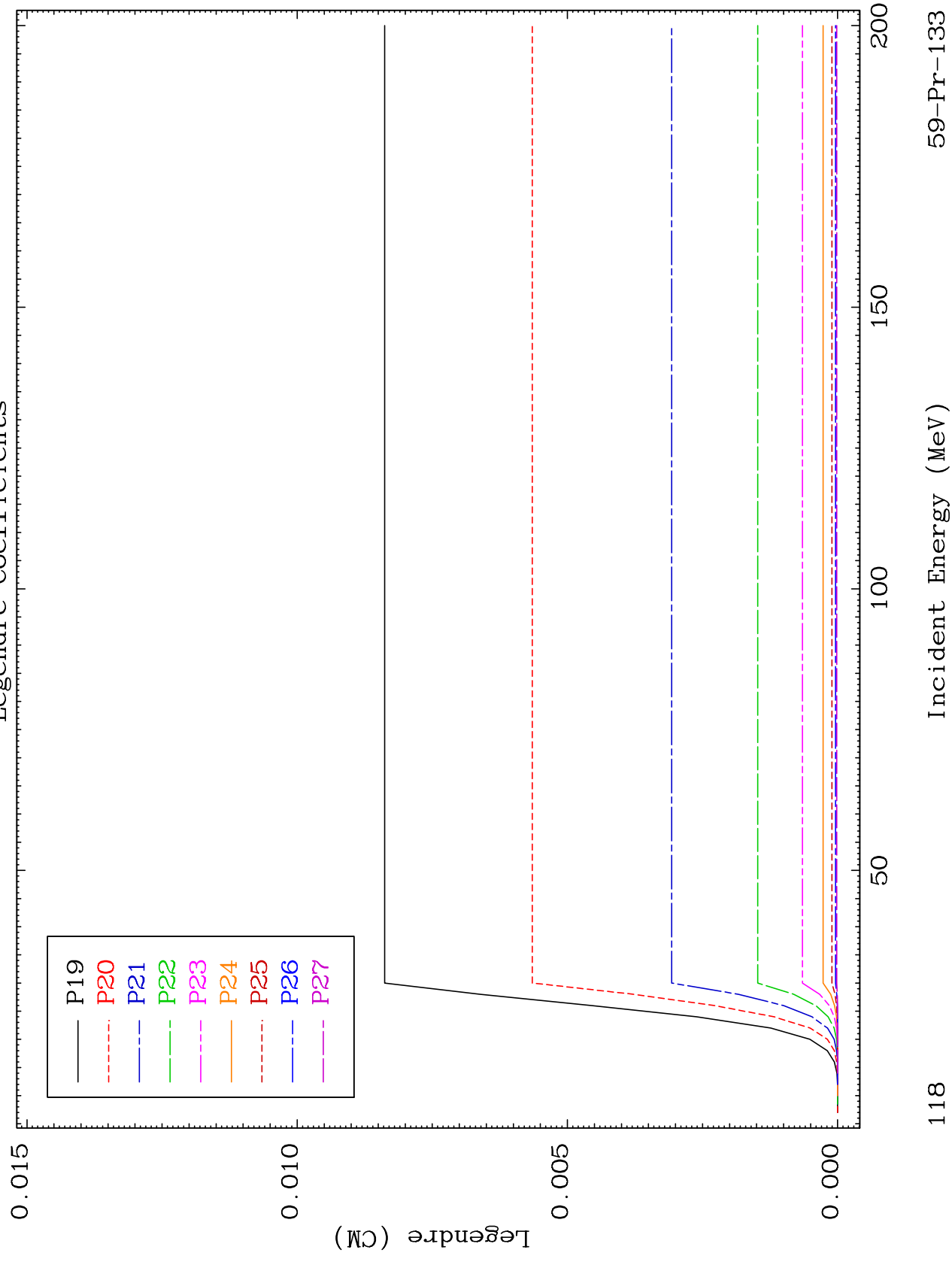
Incident Energy (MeV)

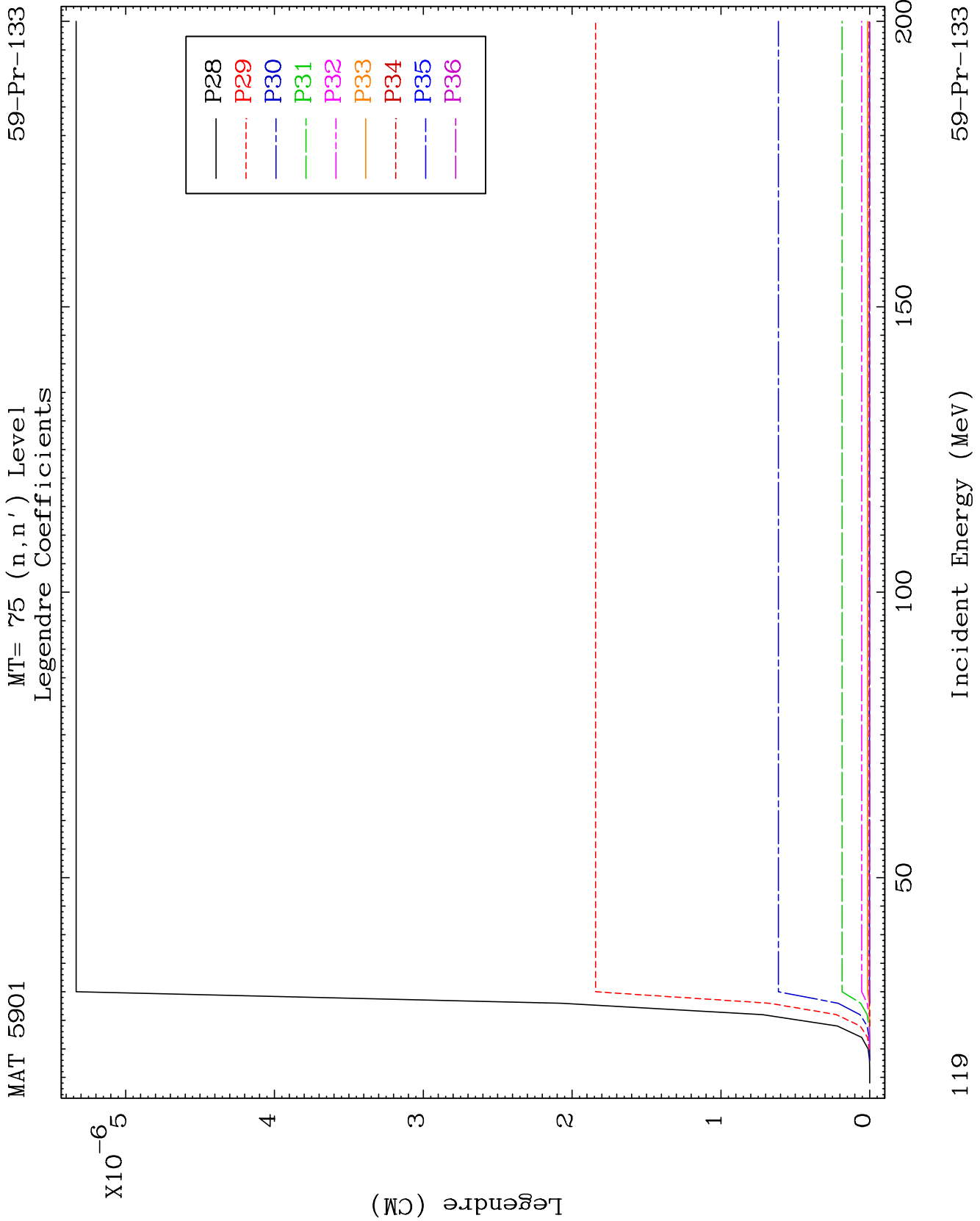
59-Pr-133

MAT 5901

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

59-Pr-133

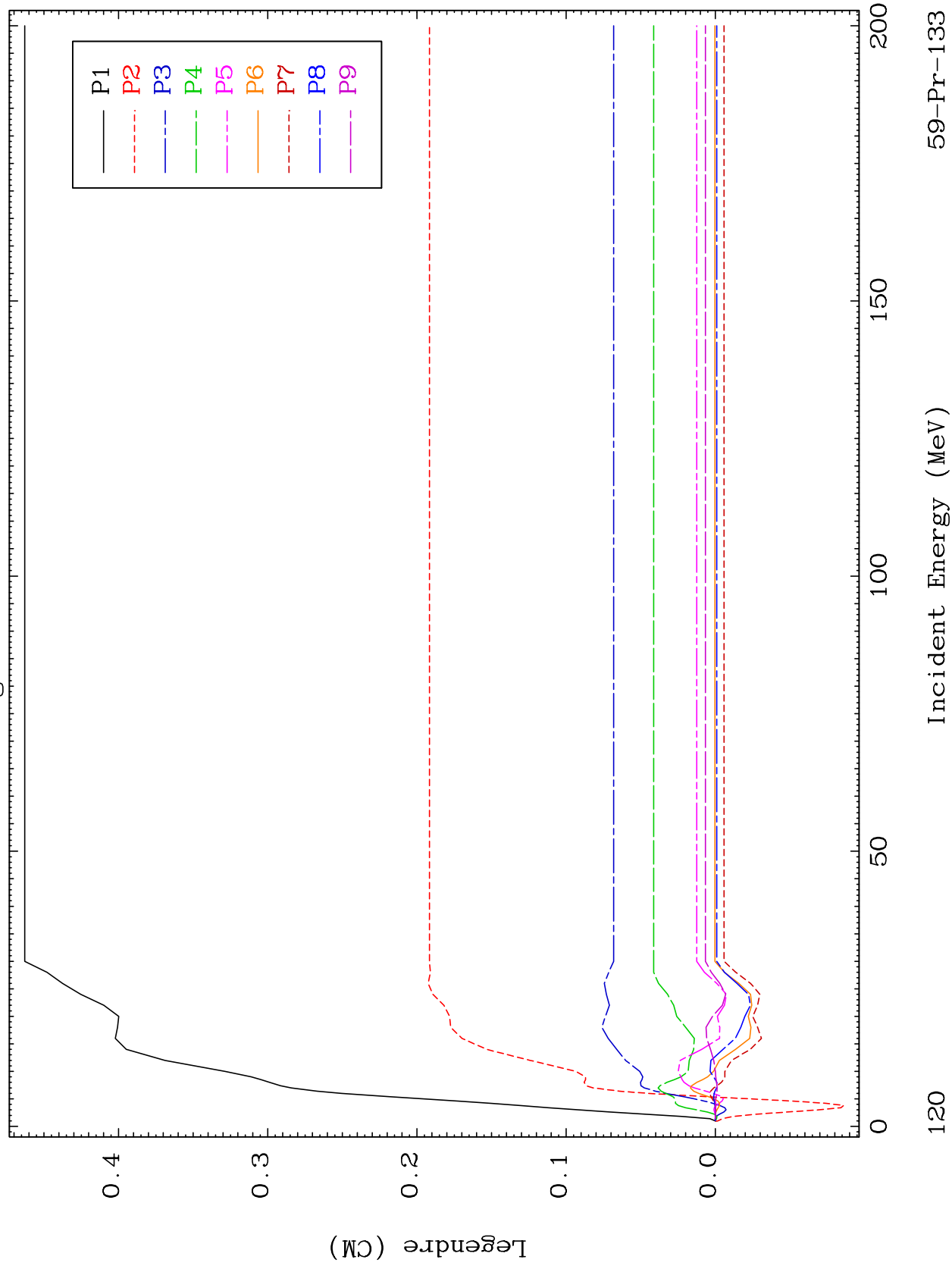




MAT 5901

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

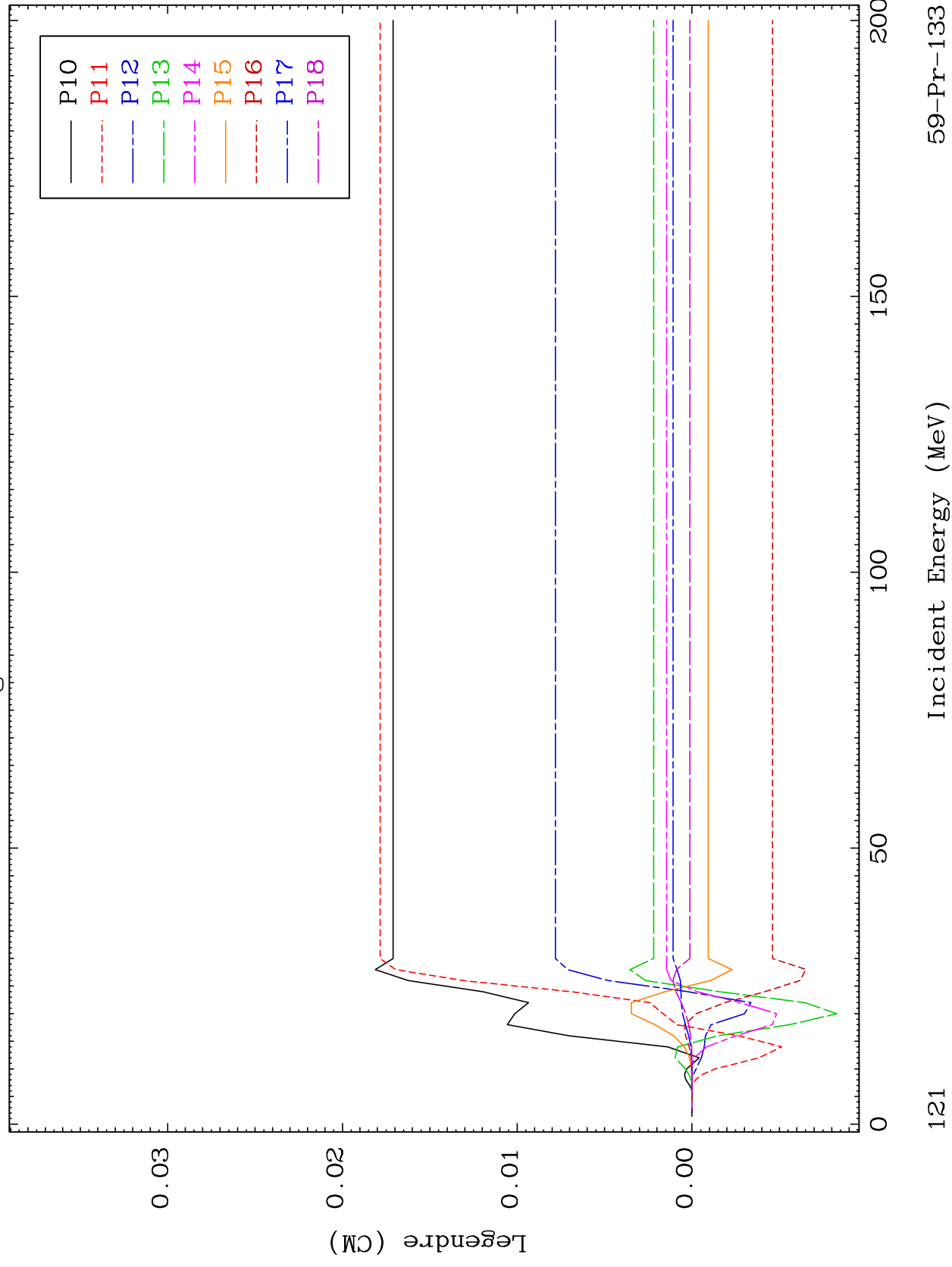
59-Pr-133

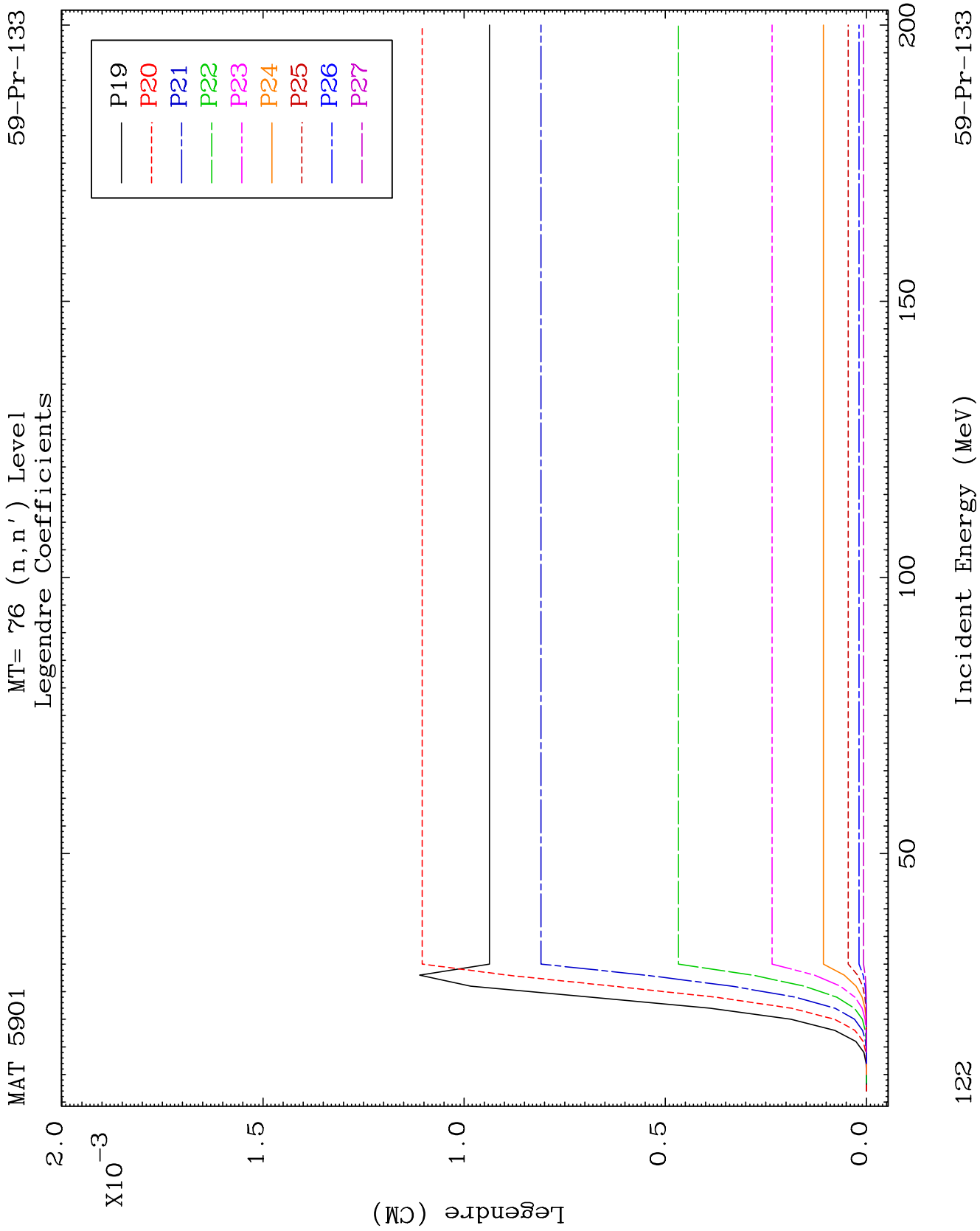


MAT 5901

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

59-Pr-133

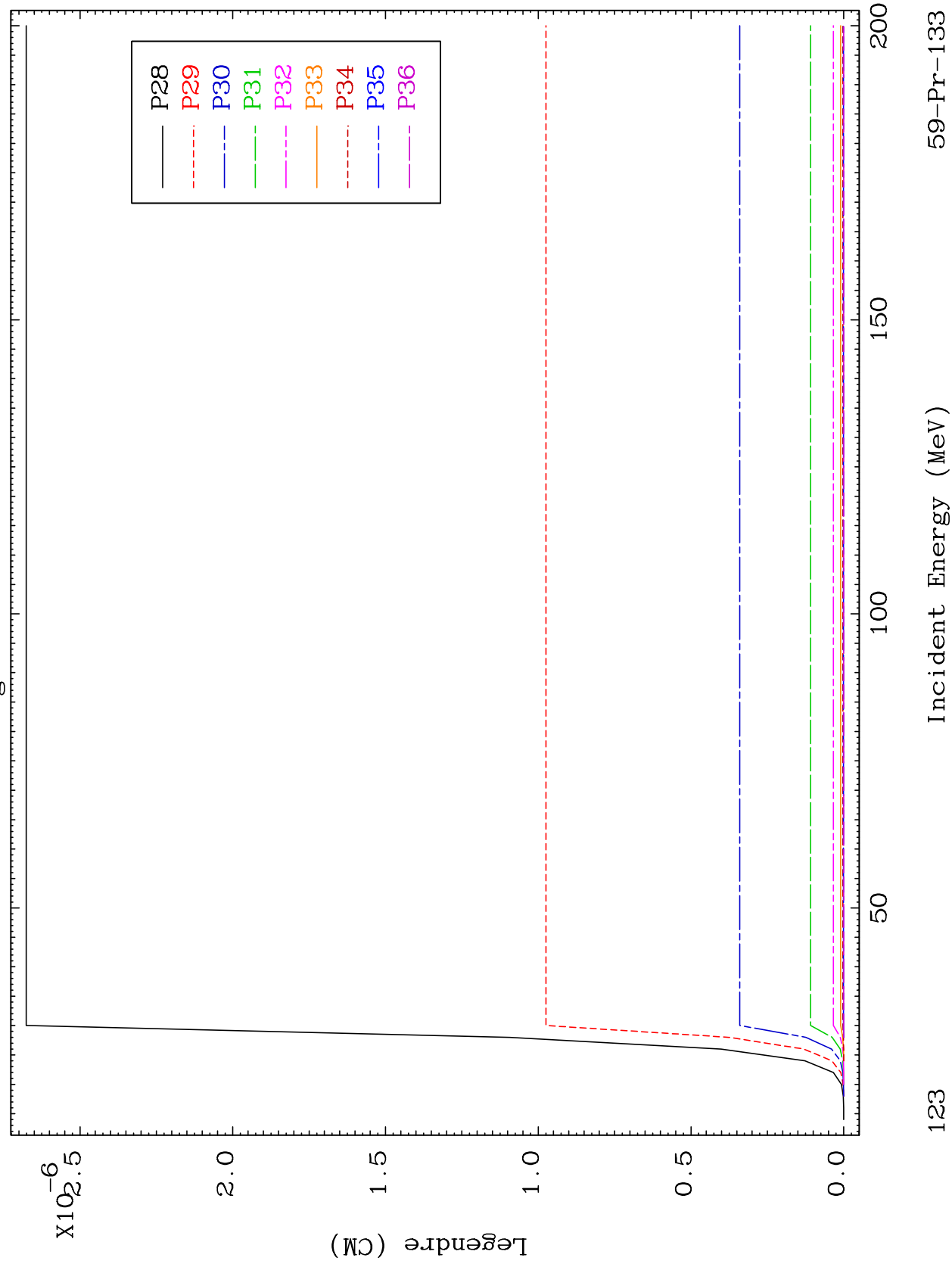


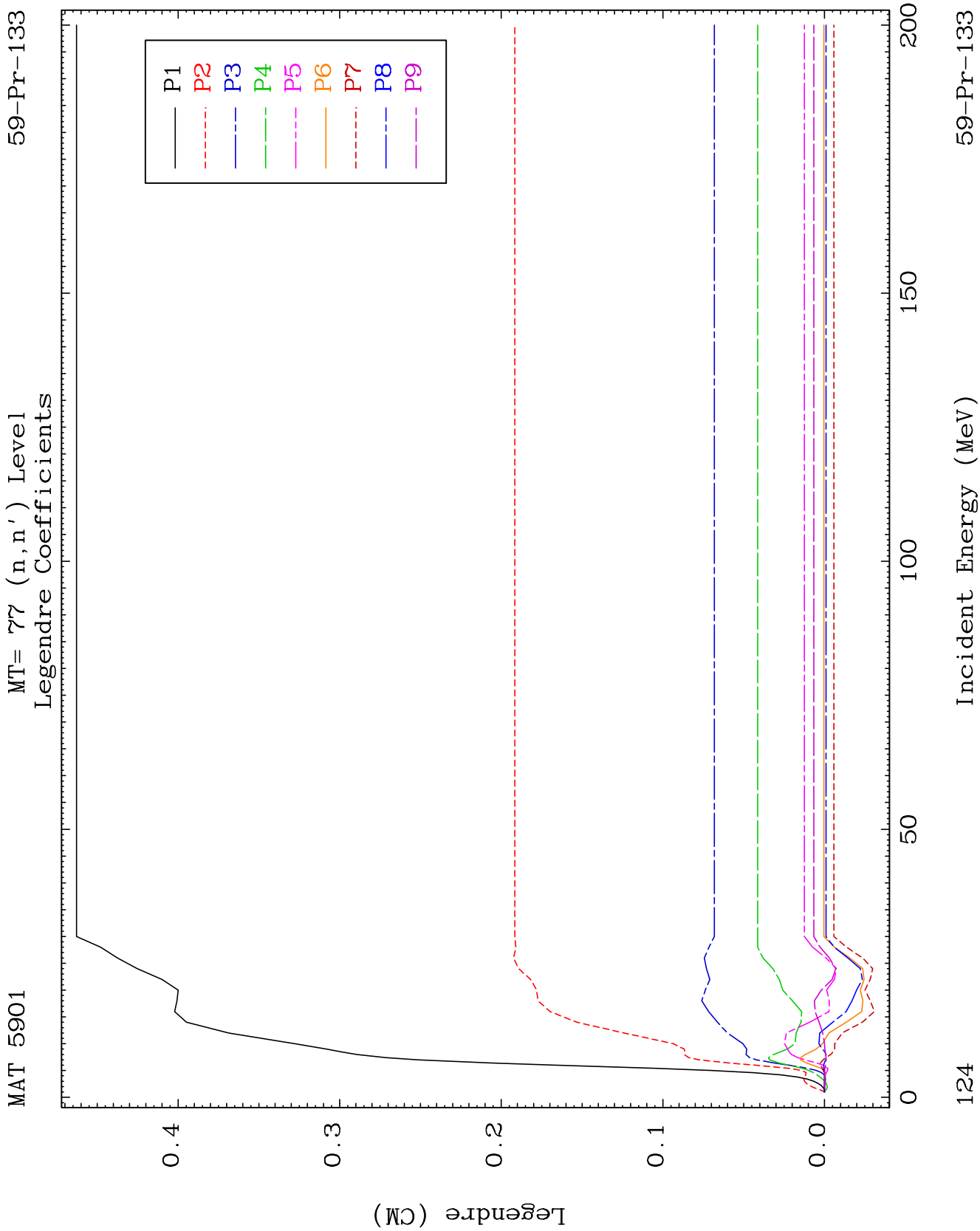


MAT 5901

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

59-Pr-133

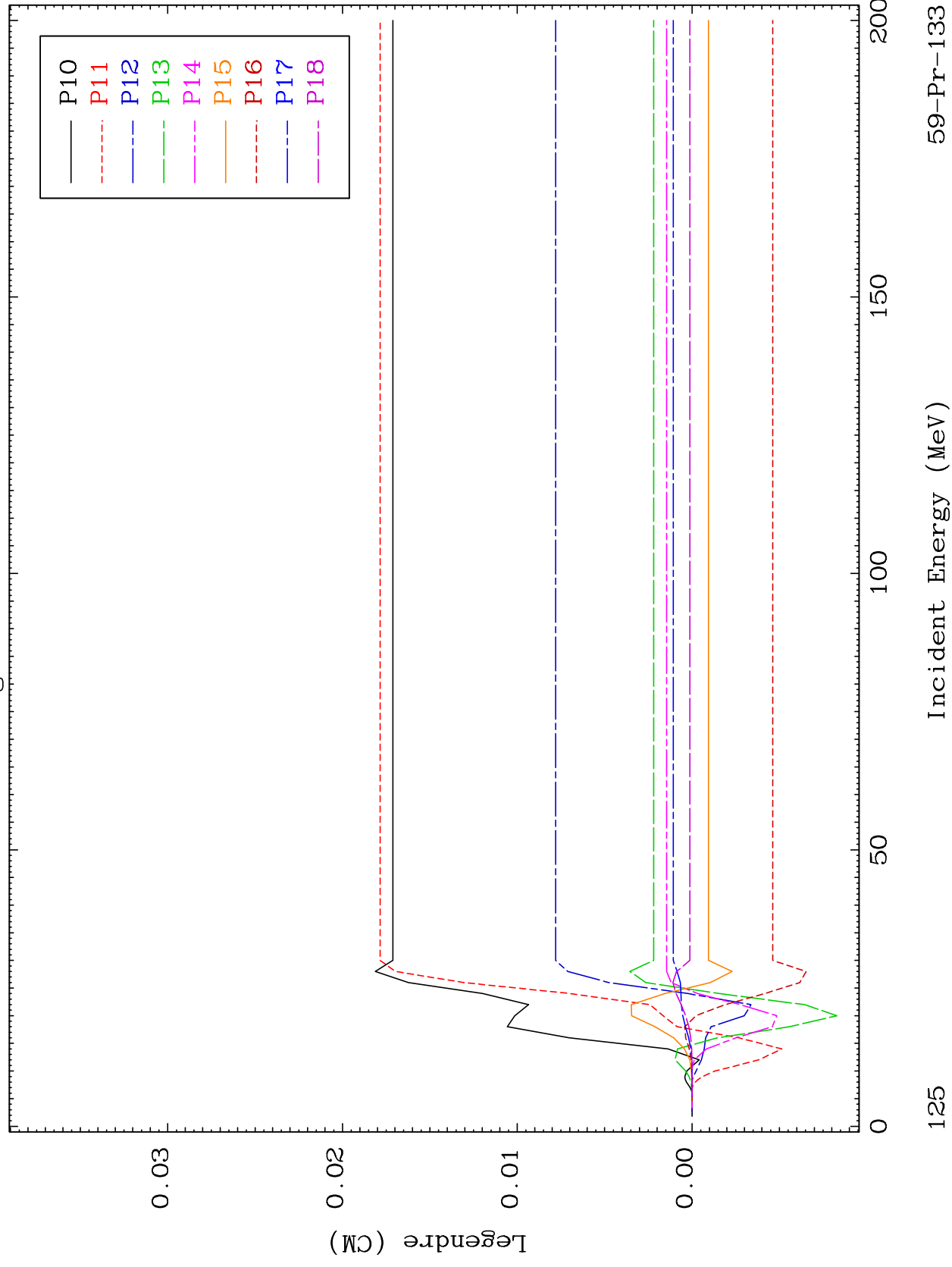


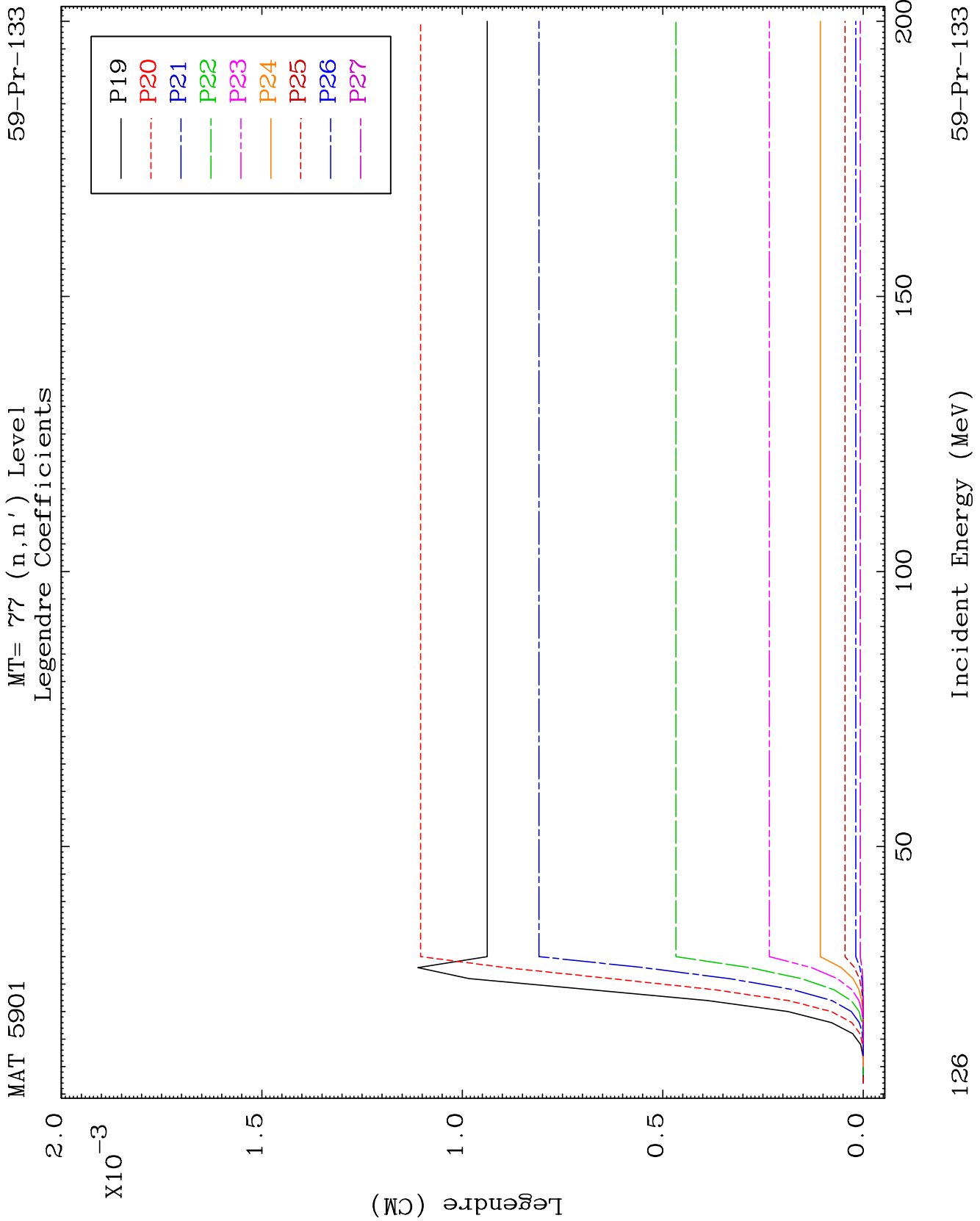


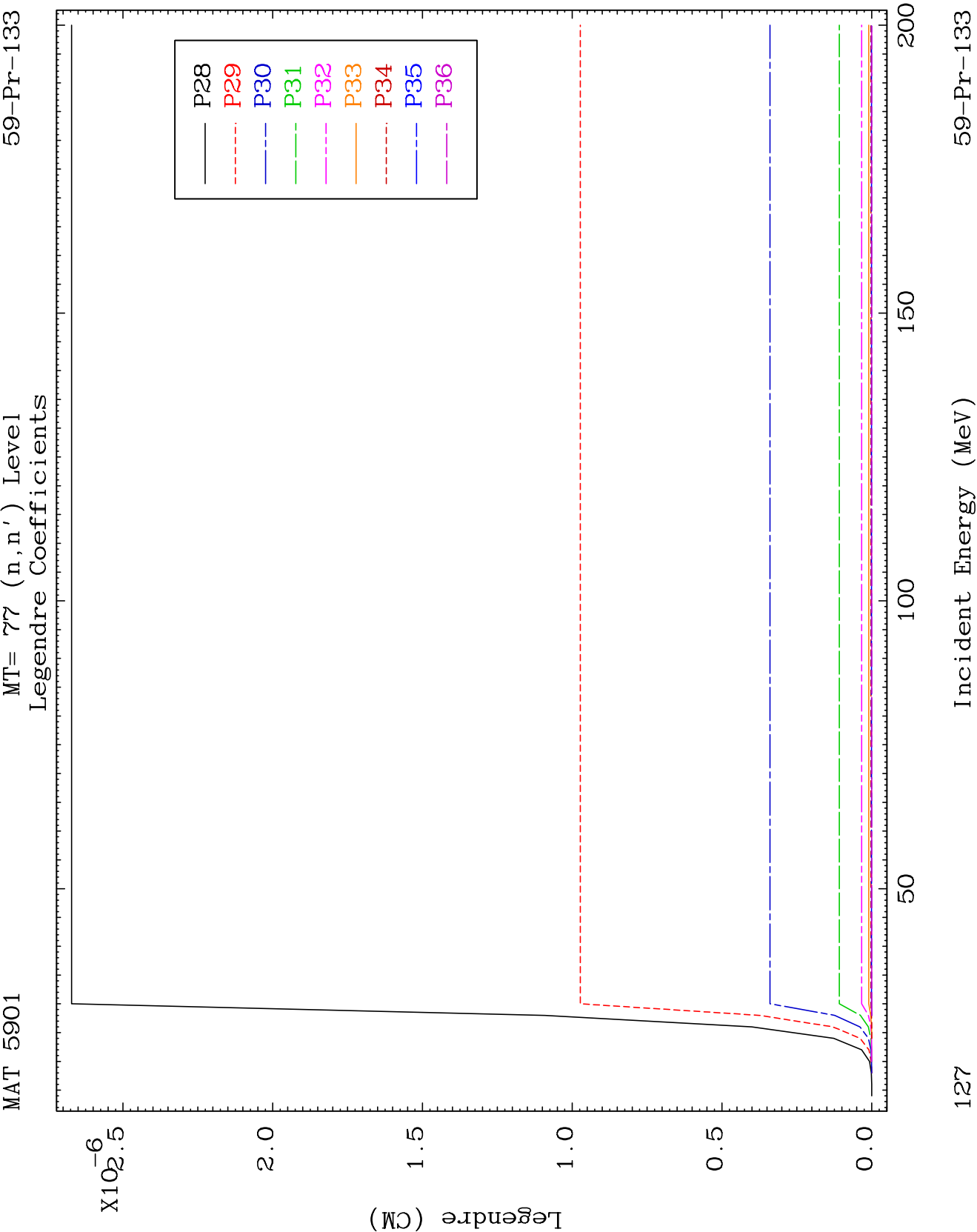
MAT 5901

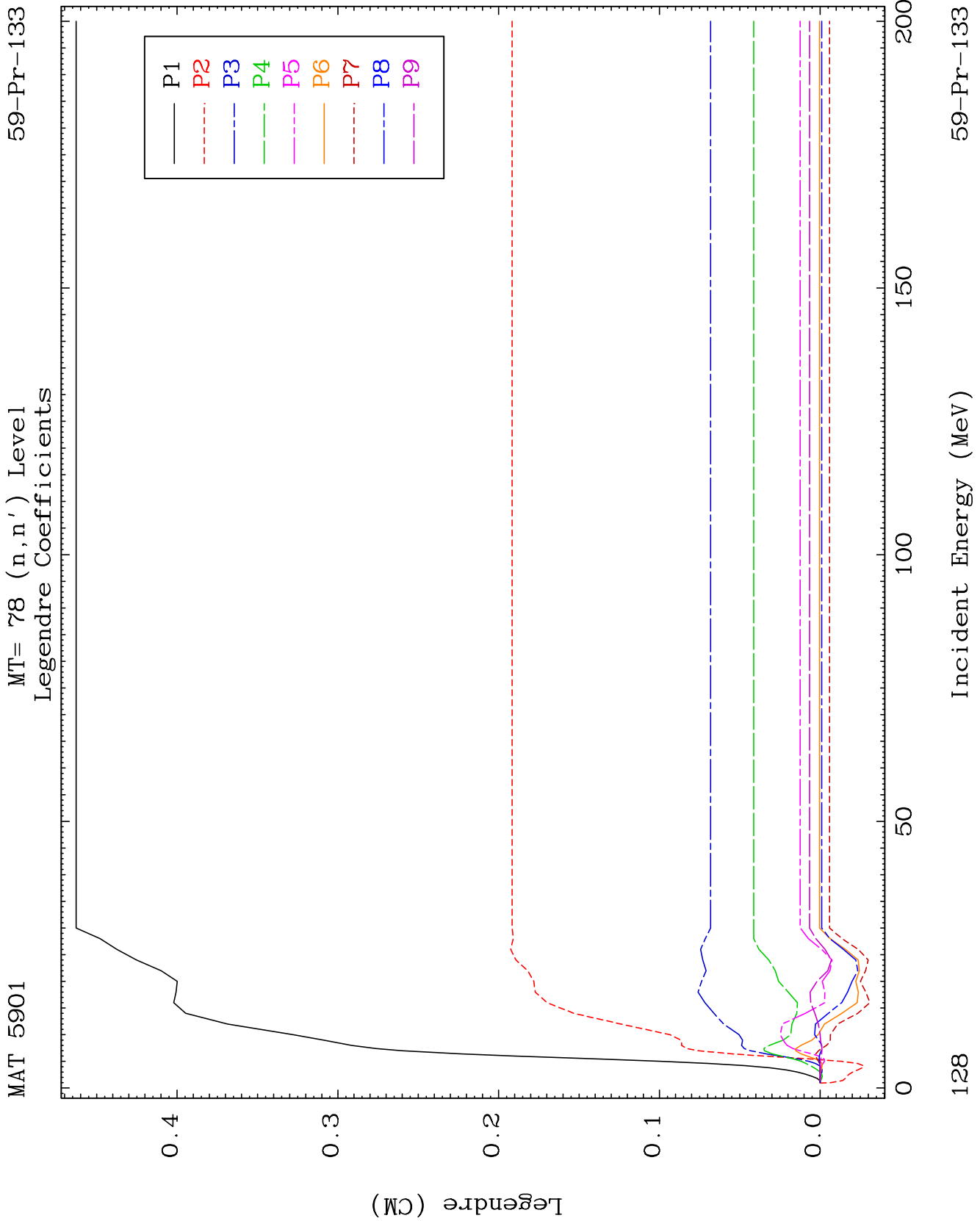
MT= 77 (n, n') Level
Legendre Coefficients

59-Pr-133





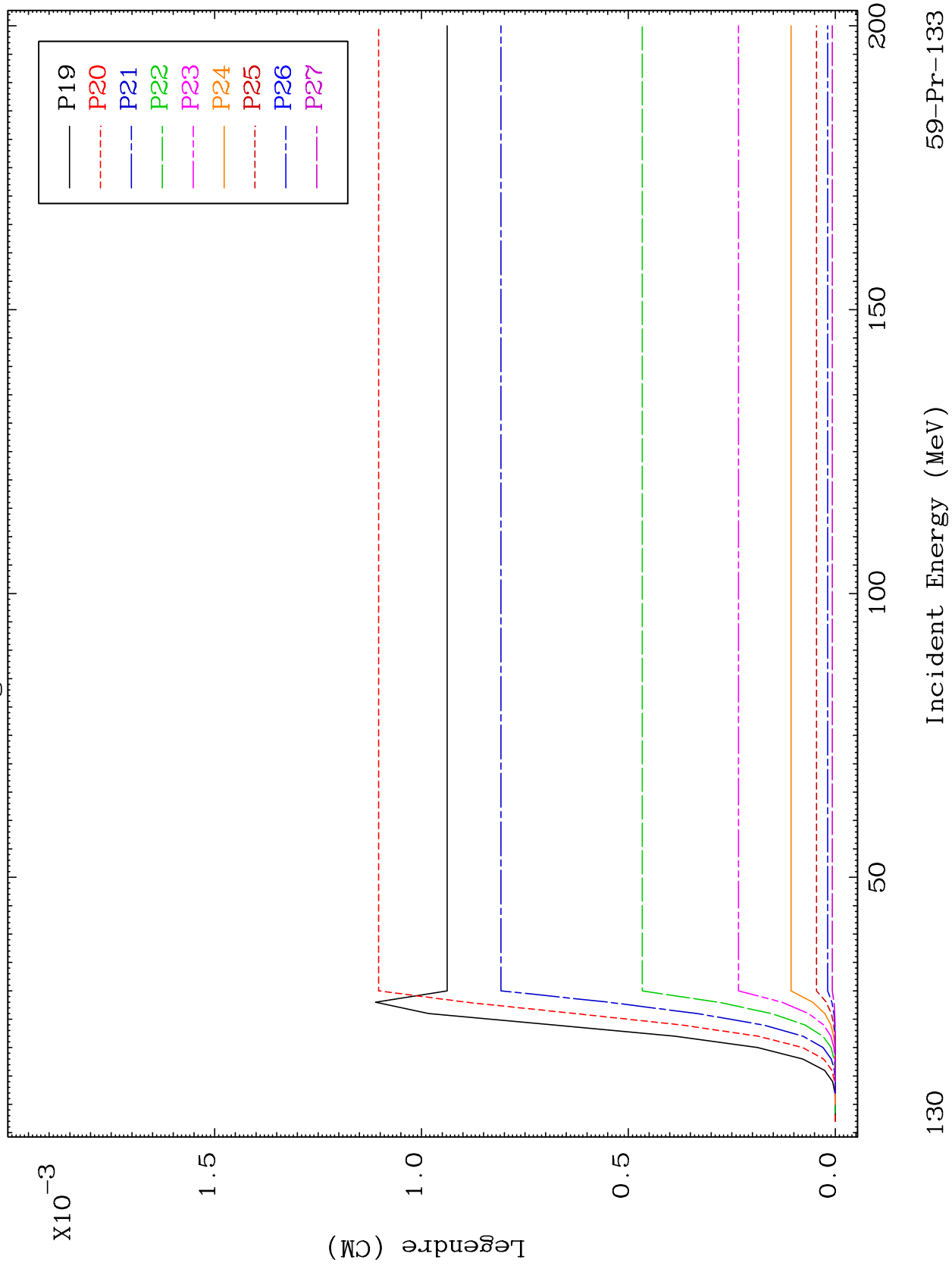


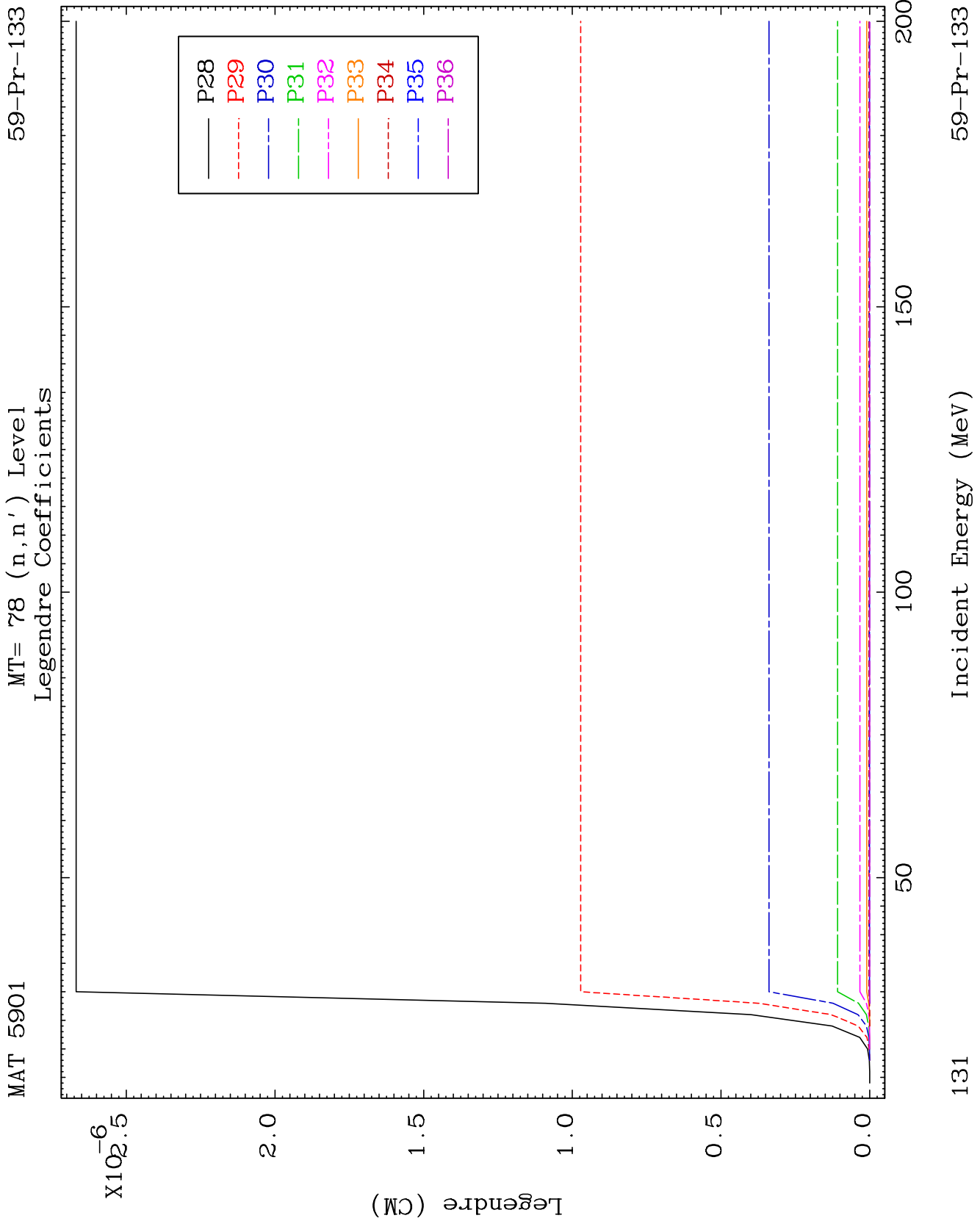


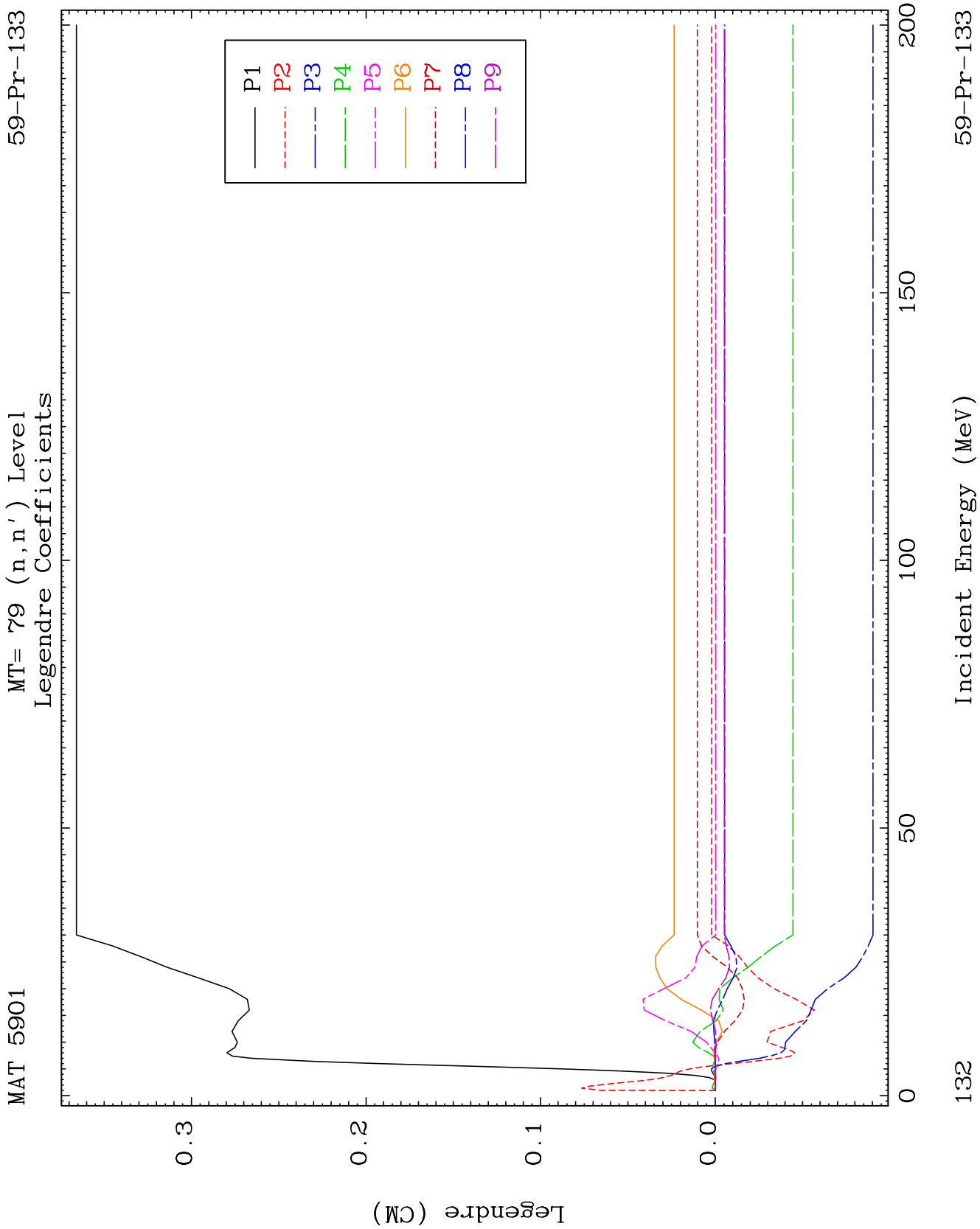
MAT 5901

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

59-Pr-133



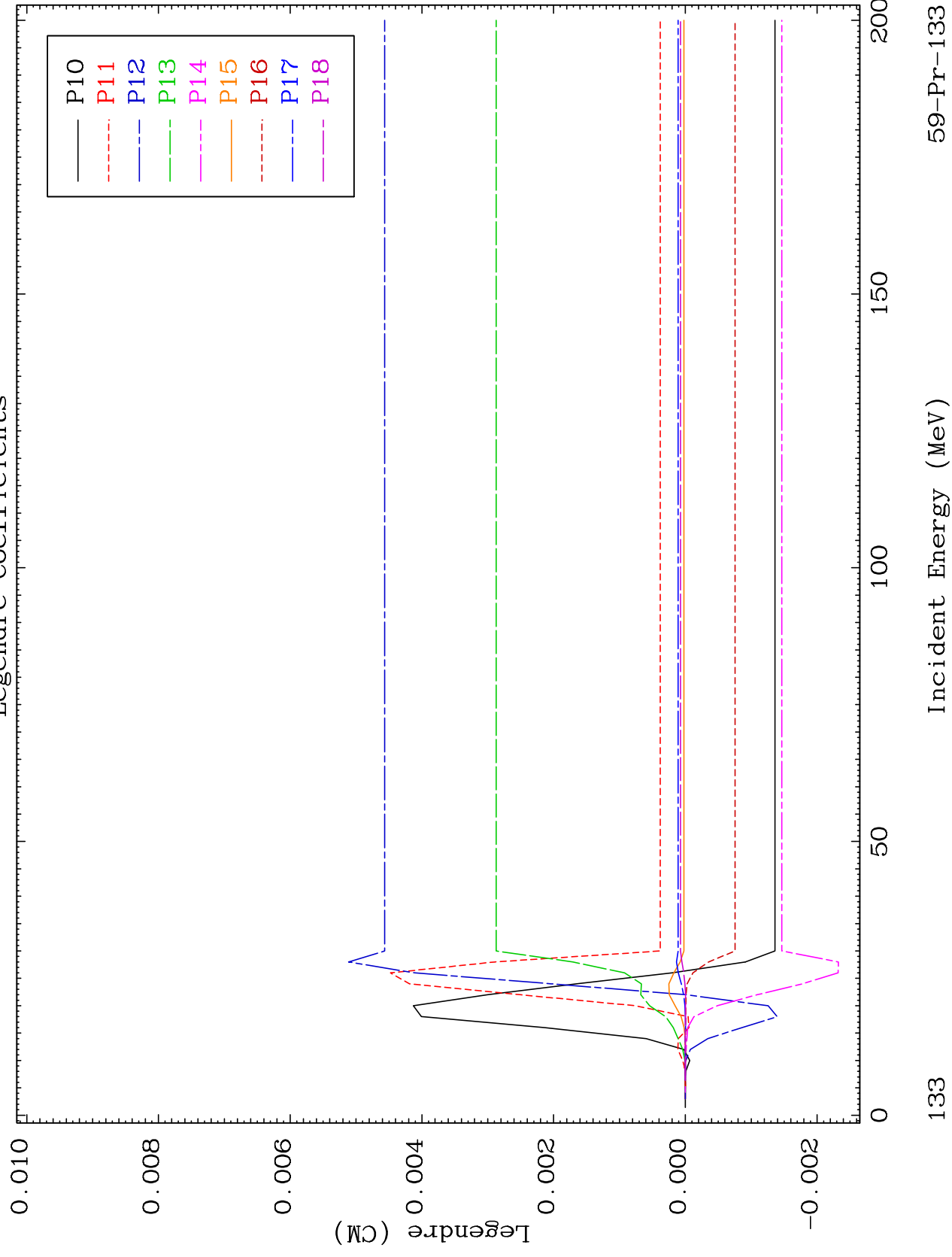


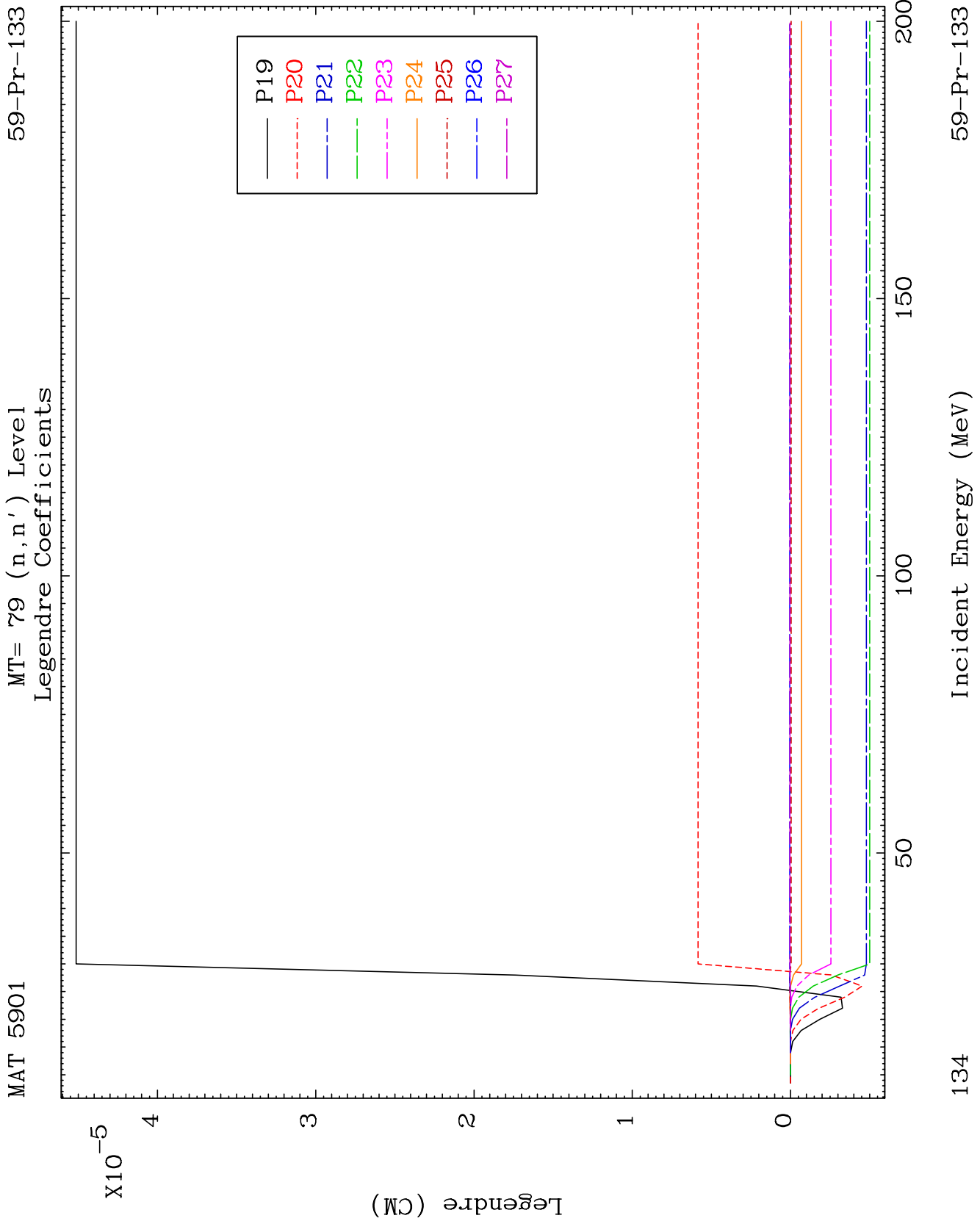


MAT 5901

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

59-Pr-133

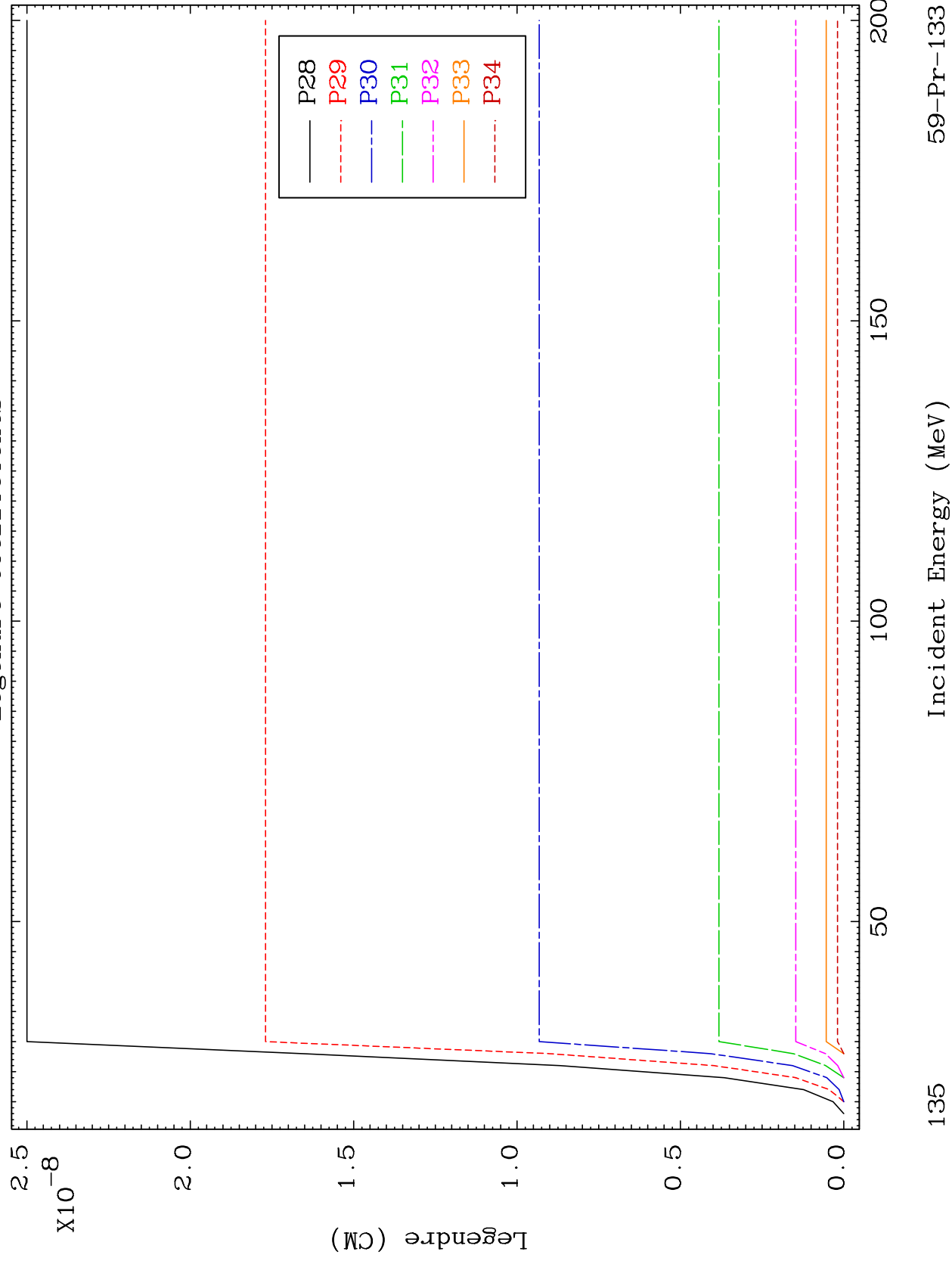


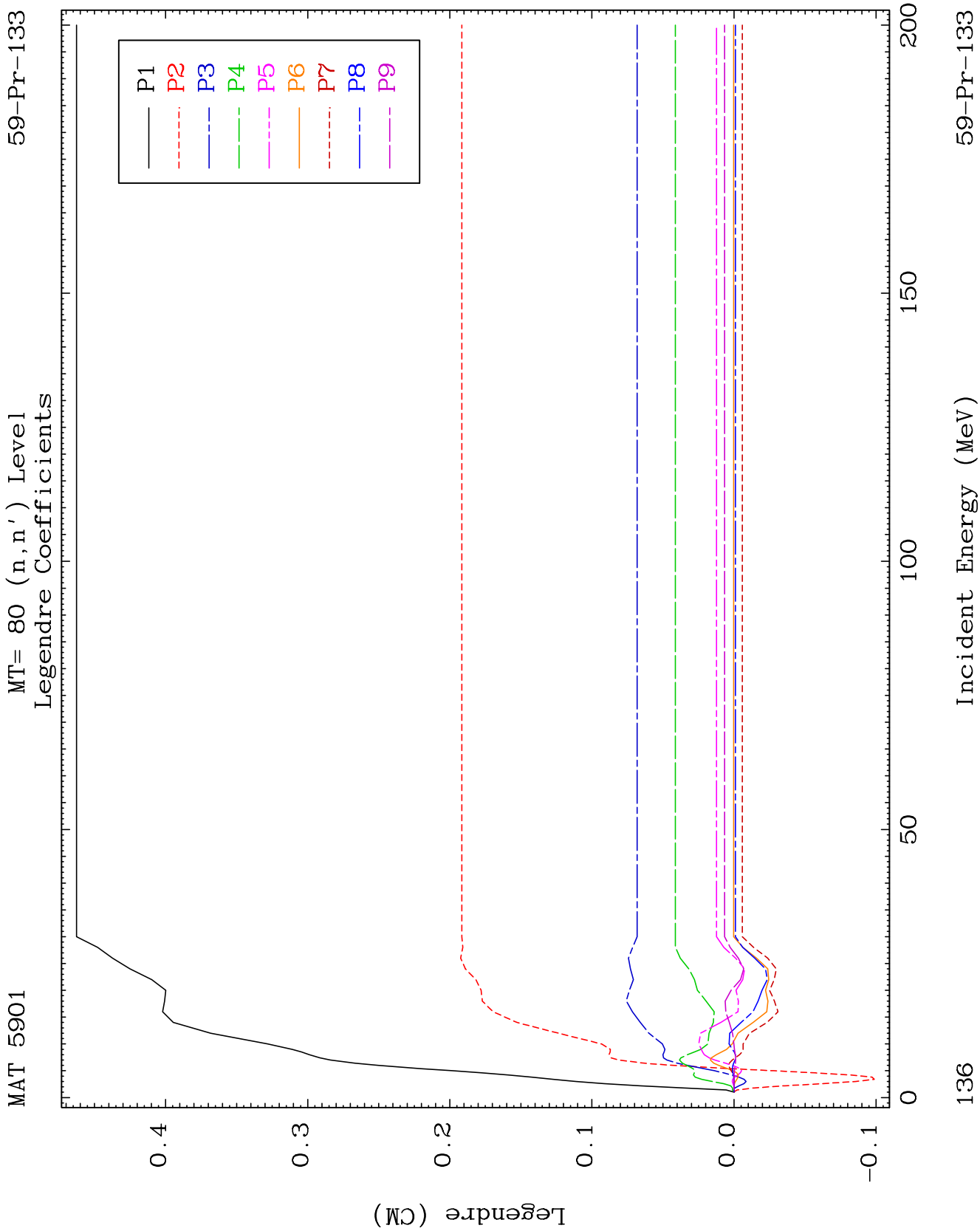


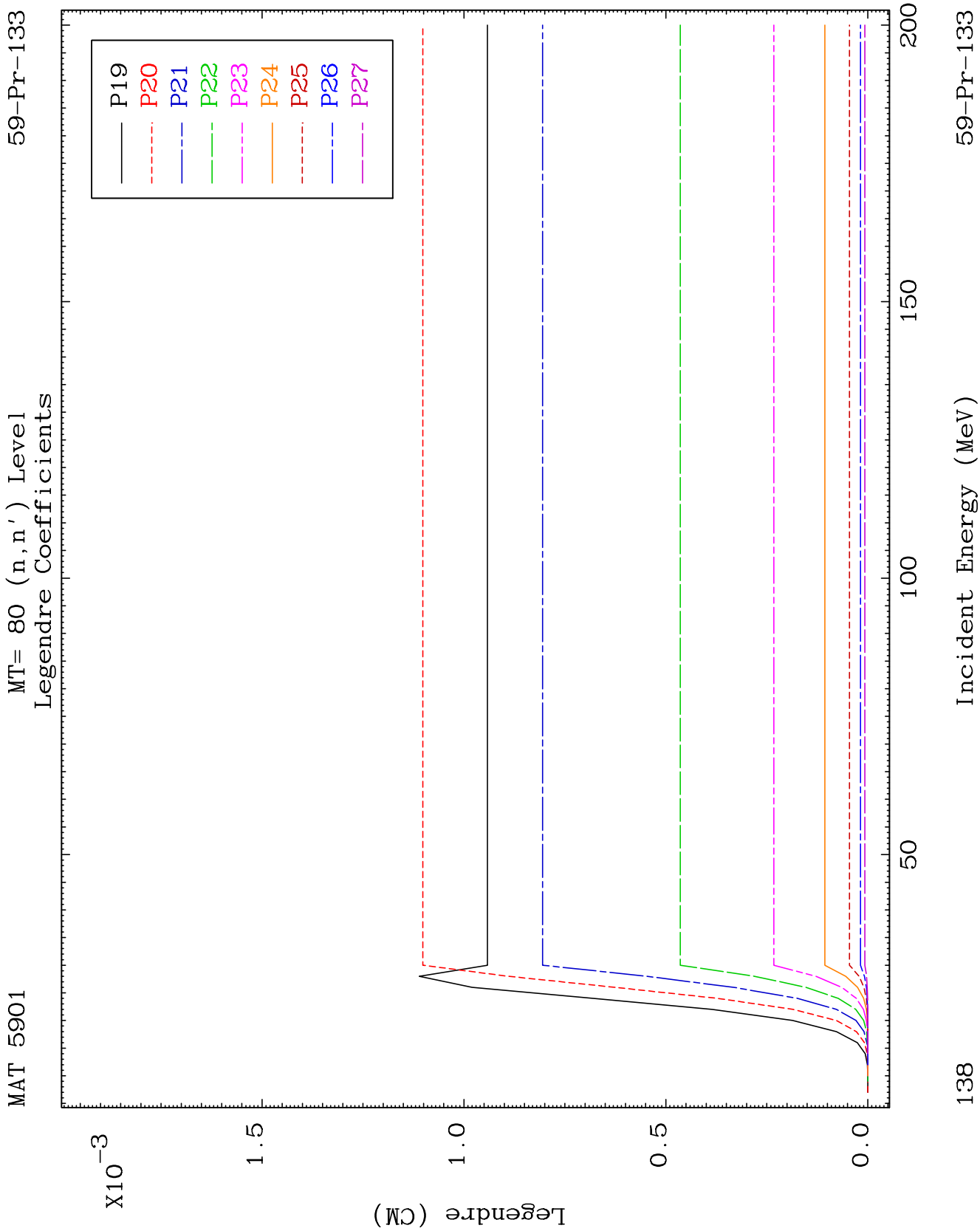
MAT 5901

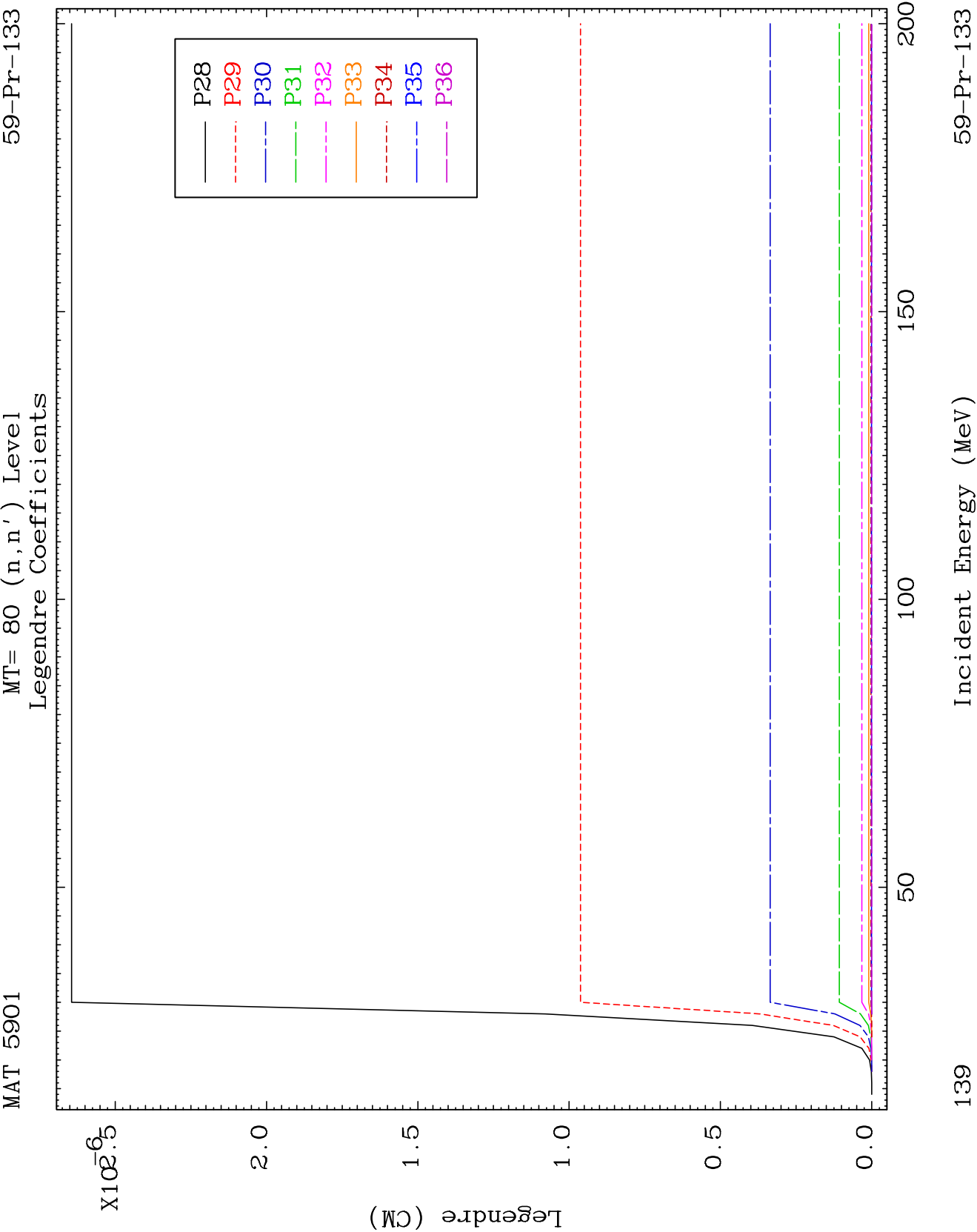
MT= 79 (n, n') Level
Legendre Coefficients

59-Pr-133





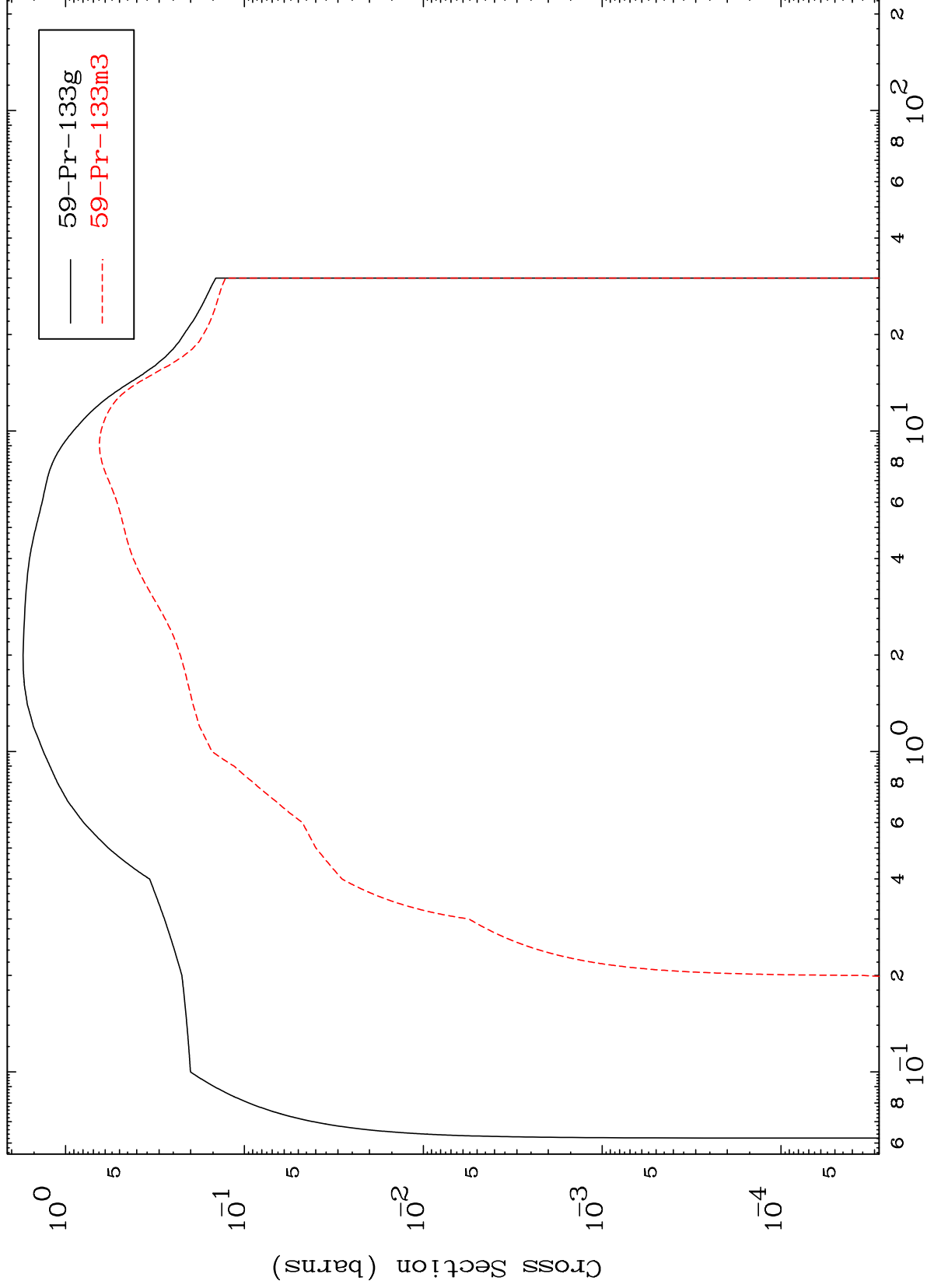




MAT 5901

59-Pr-133

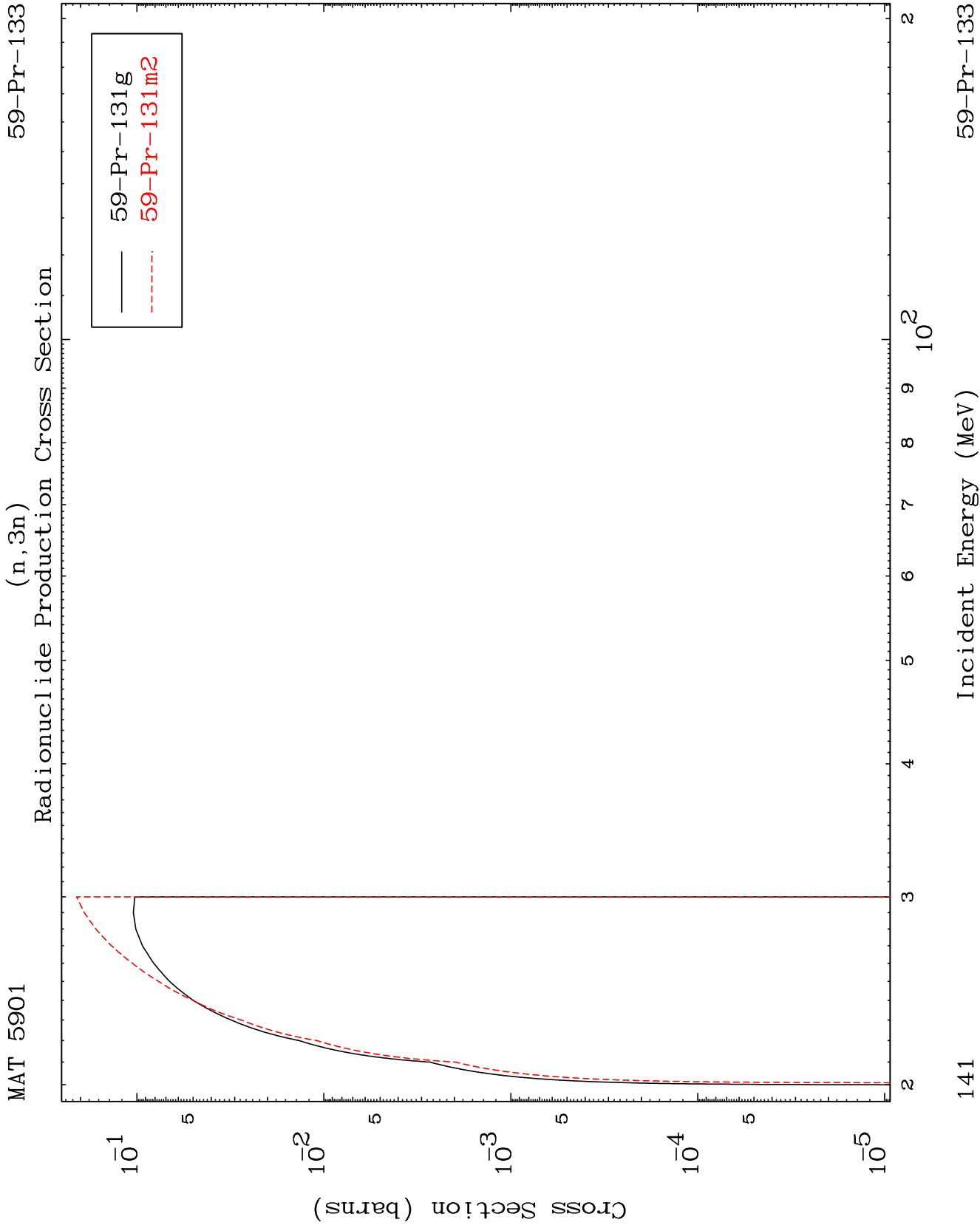
Inelastic
Radionuclide Production Cross Section



140

Incident Energy (MeV)

59-Pr-133

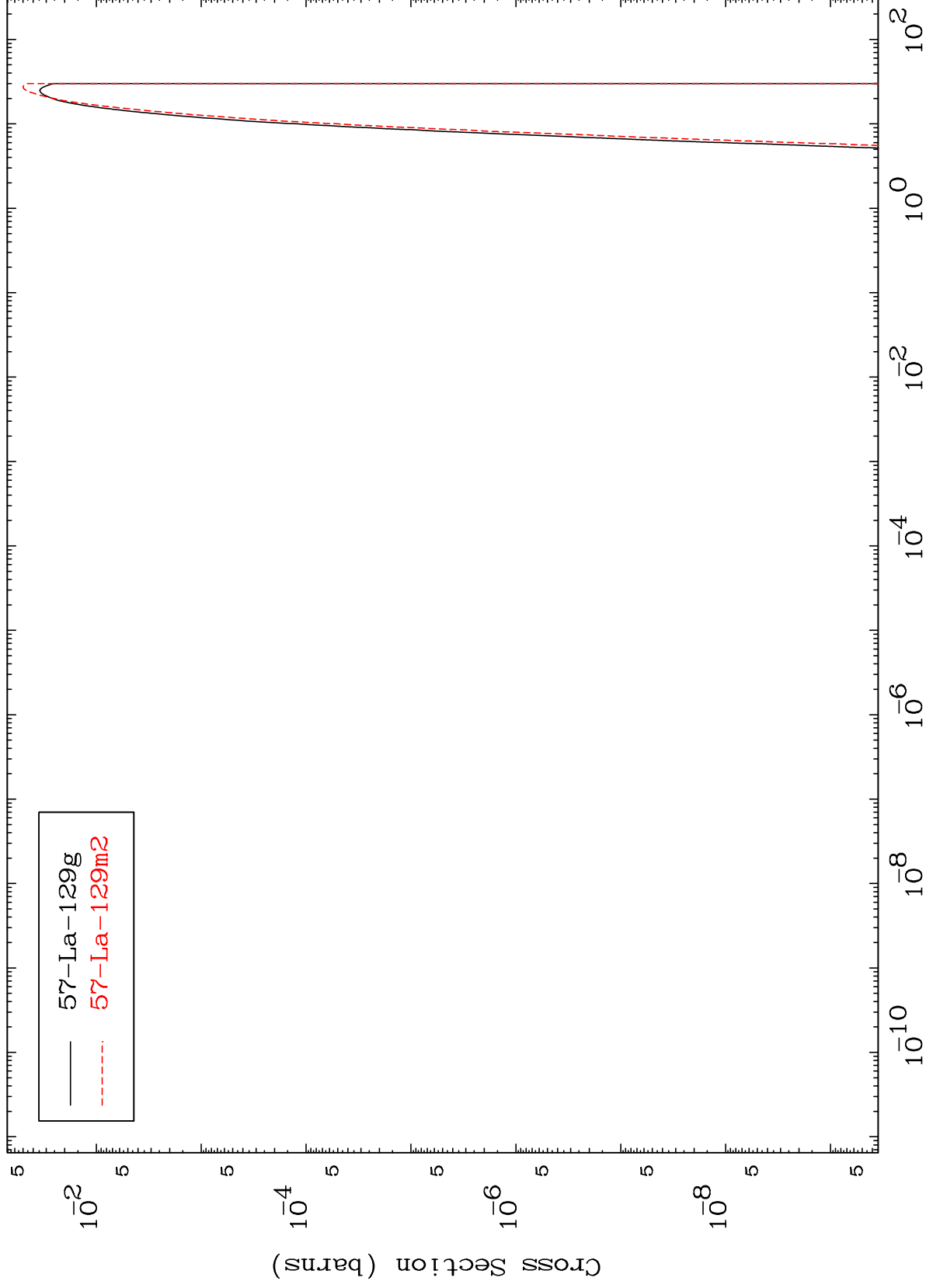


MAT 5901

59-Pr-133

(n,n') α

Radionuclide Production Cross Section



142

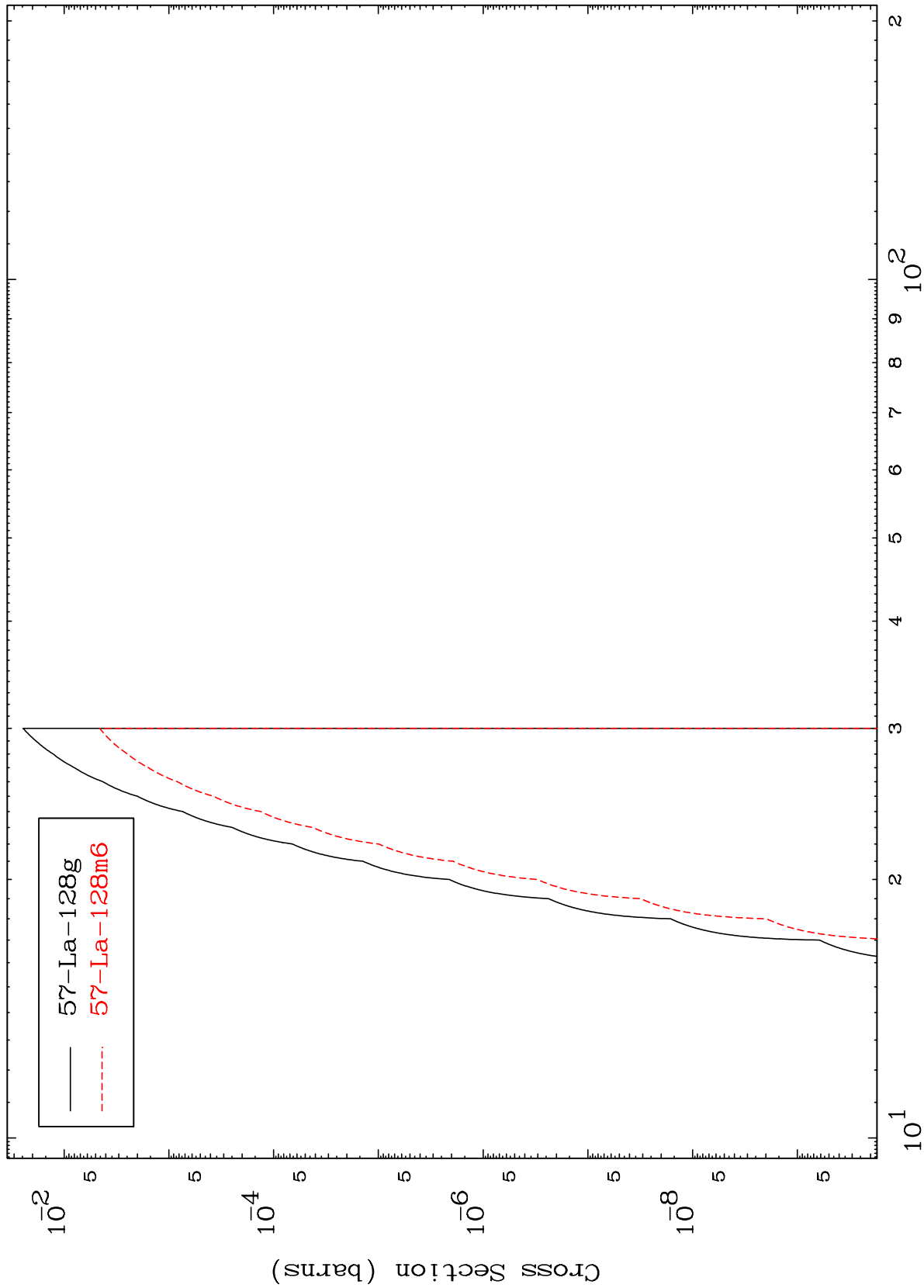
Incident Energy (MeV)

59-Pr-133

MAT 5901

59-Pr-133

(n,2n) α
Radionuclide Production Cross Section



59-Pr-133

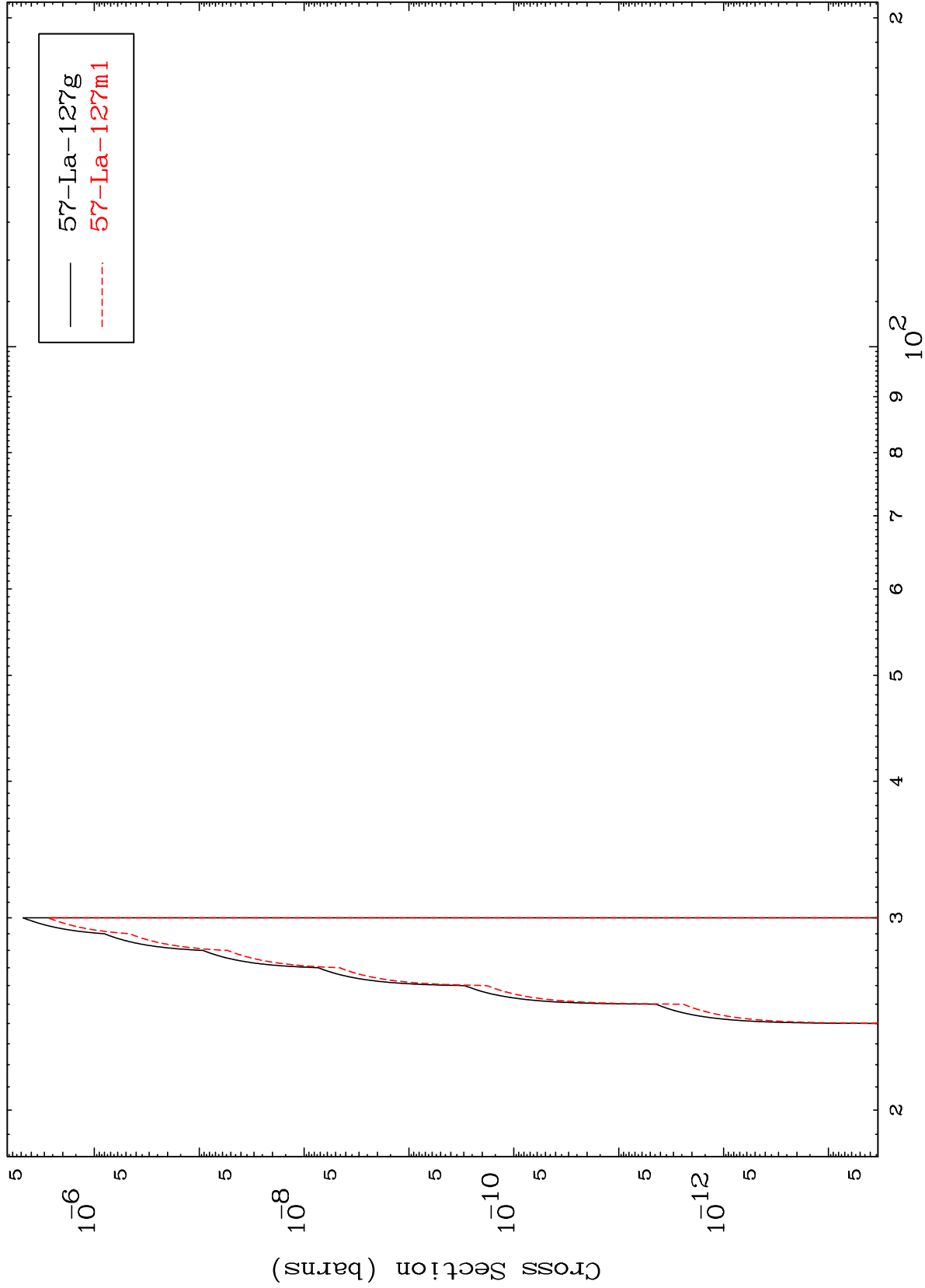
Incident Energy (MeV)

143

MAT 5901

59-Pr-133

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



144

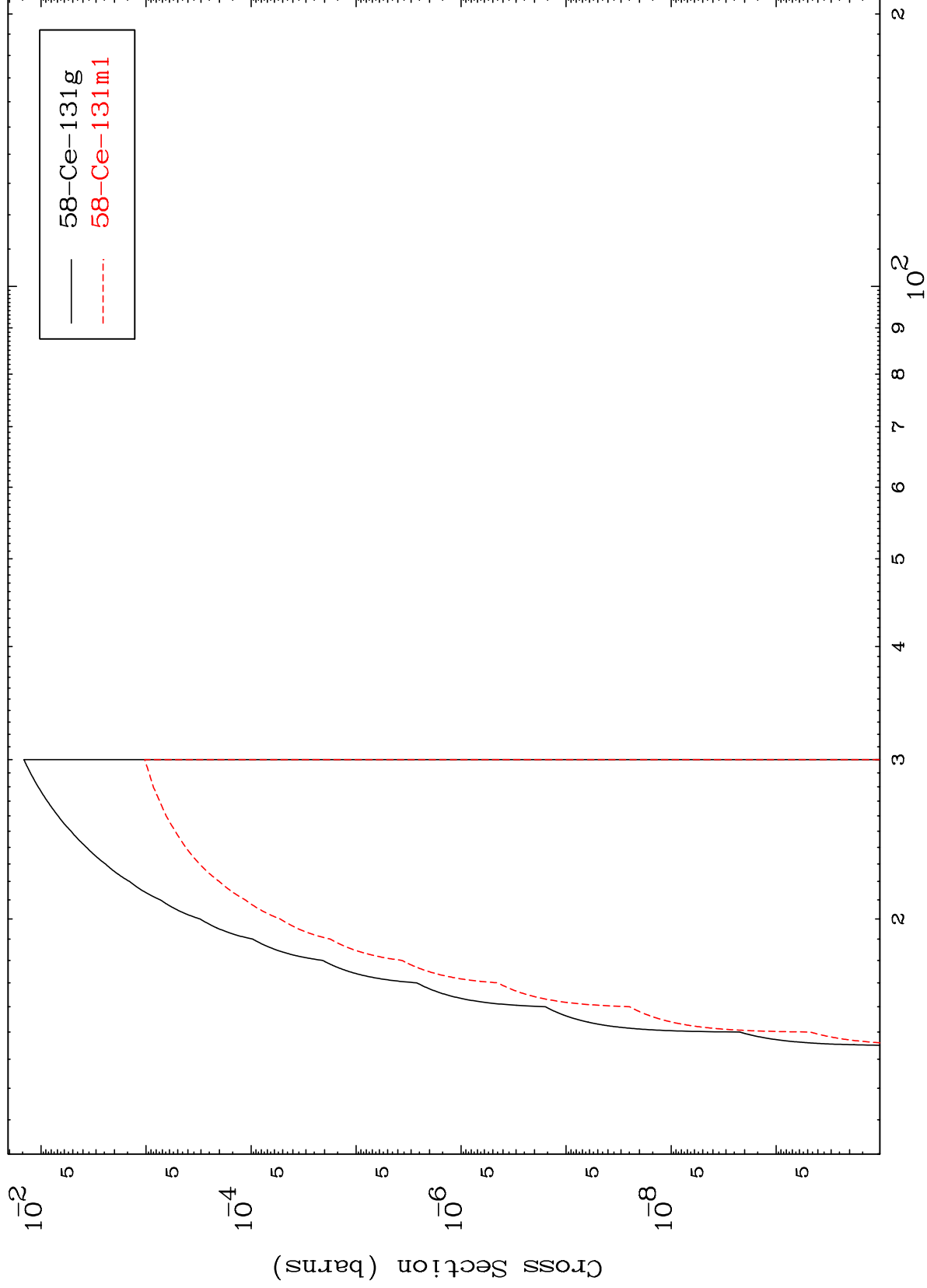
Incident Energy (MeV)

59-Pr-133

MAT 5901

59-Pr-133

(n,n') d
Radionuclide Production Cross Section

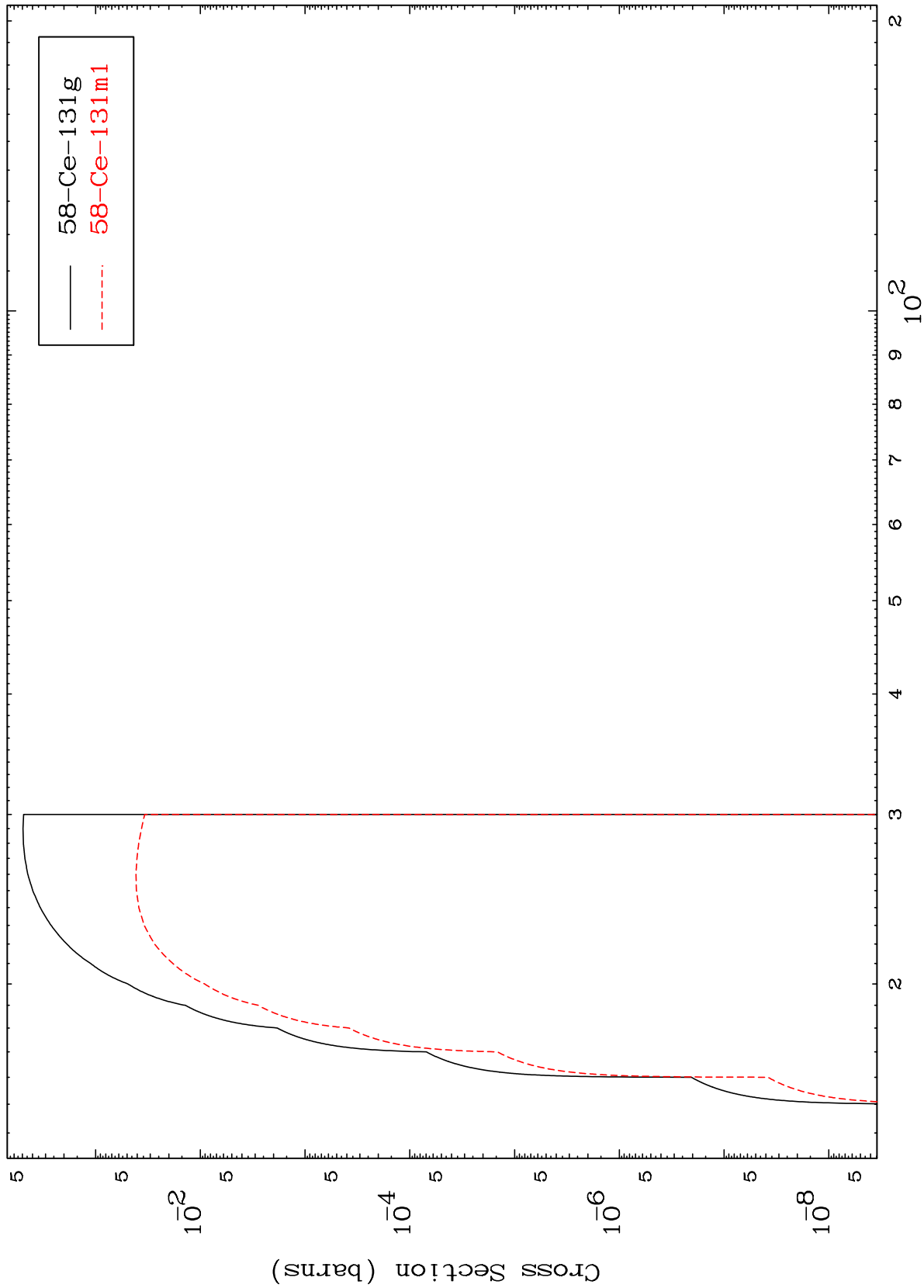


145

Incident Energy (MeV)

59-Pr-133

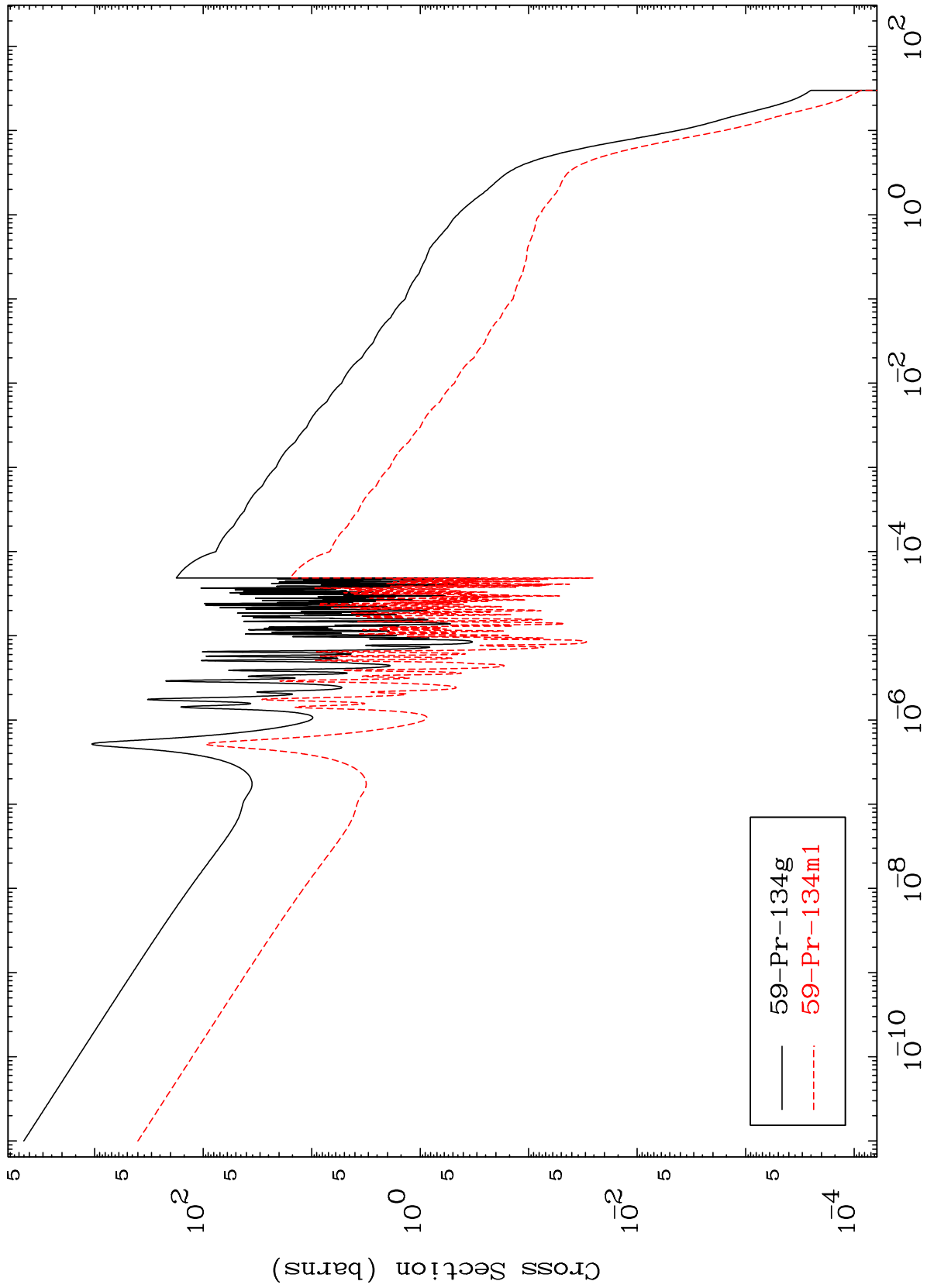
(n,2n) p
Radionuclide Production Cross Section



MAT 5901

59-Pr-133

Radionuclide Production Cross Section
(n, γ)



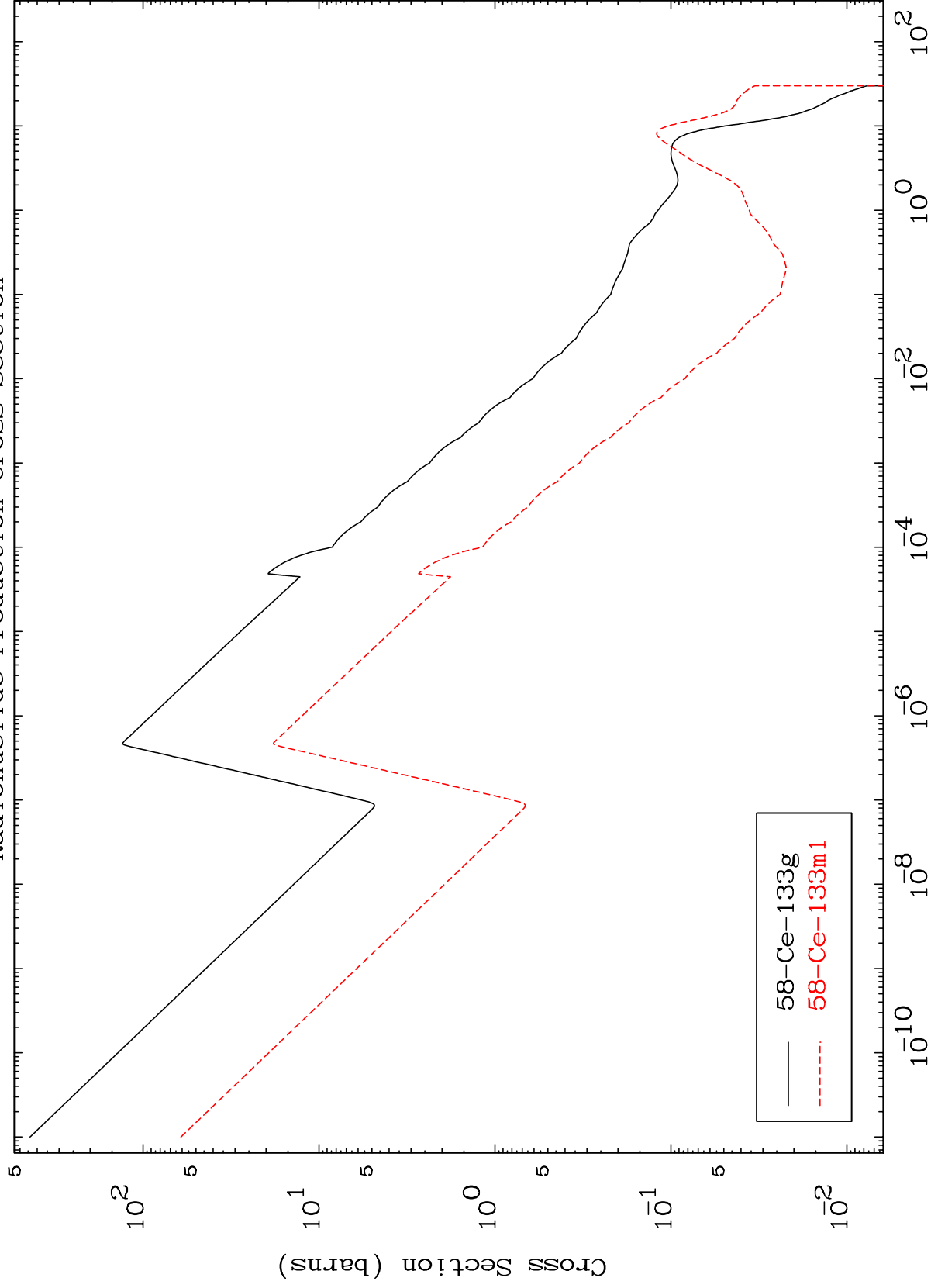
147

59-Pr-133

MAT 5901

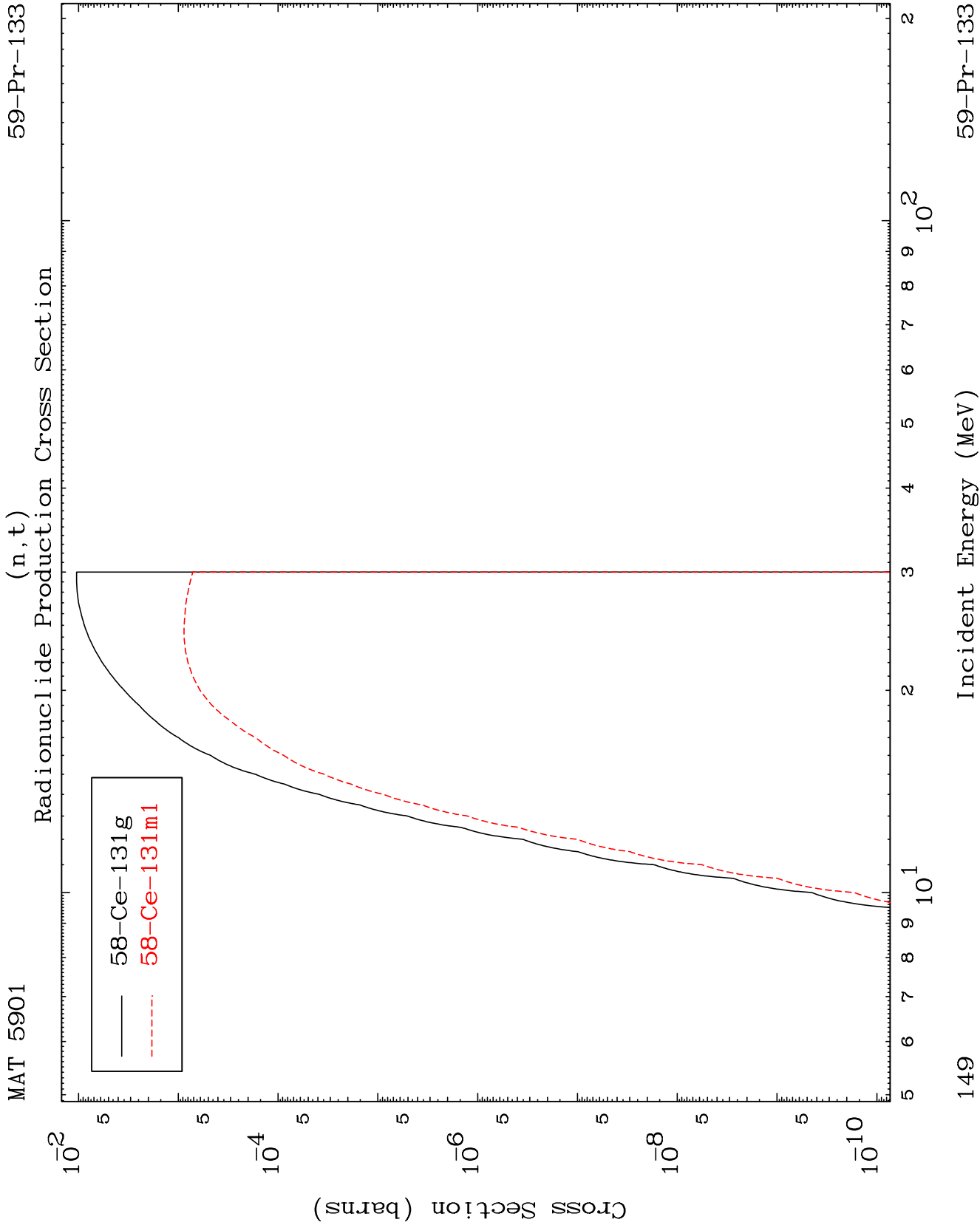
59-Pr-133

(n,p)
Radionuclide Production Cross Section



148

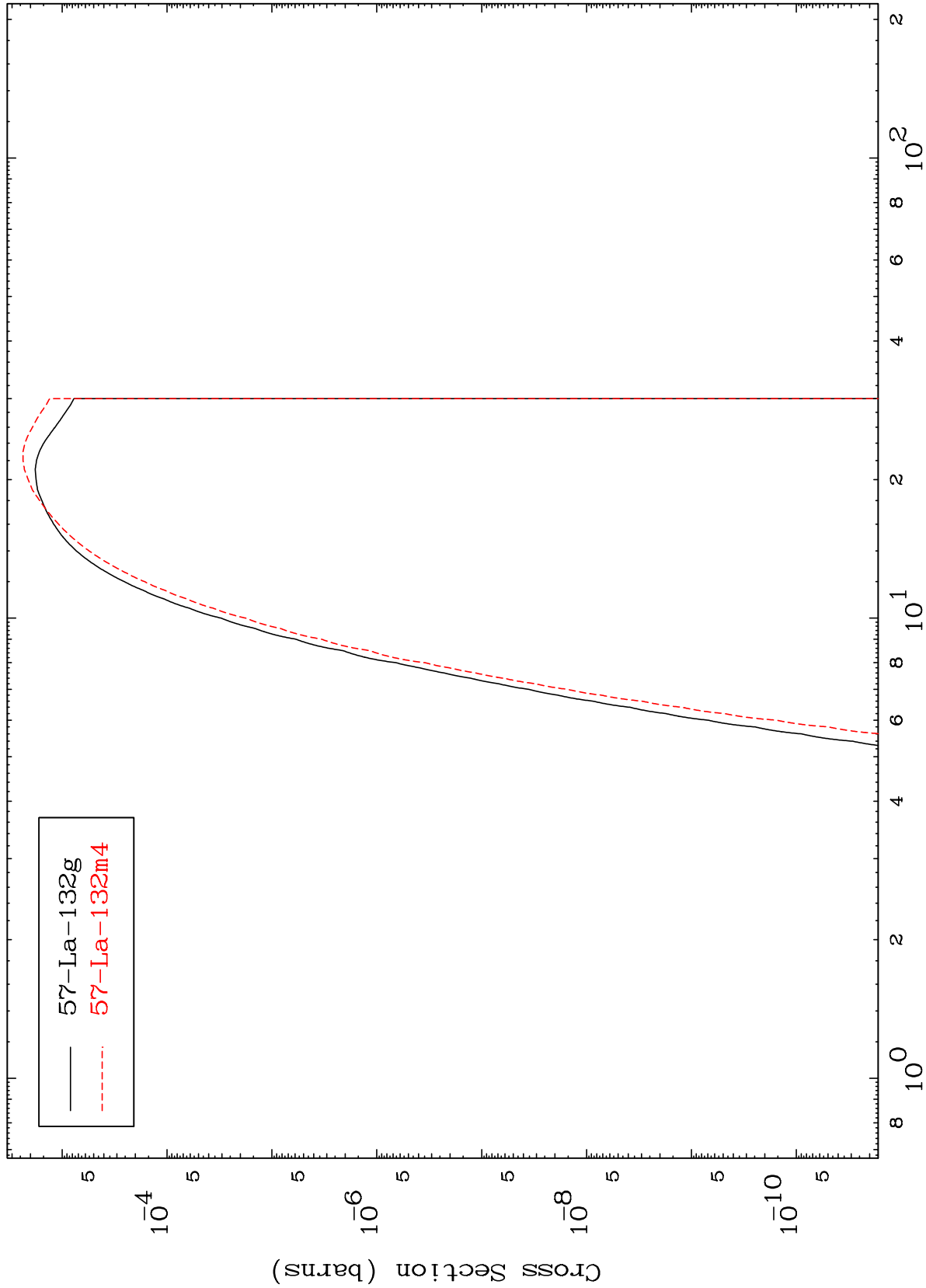
59-Pr-133



MAT 5901

59-Pr-133

(n,2p)
Radionuclide Production Cross Section



59-Pr-133

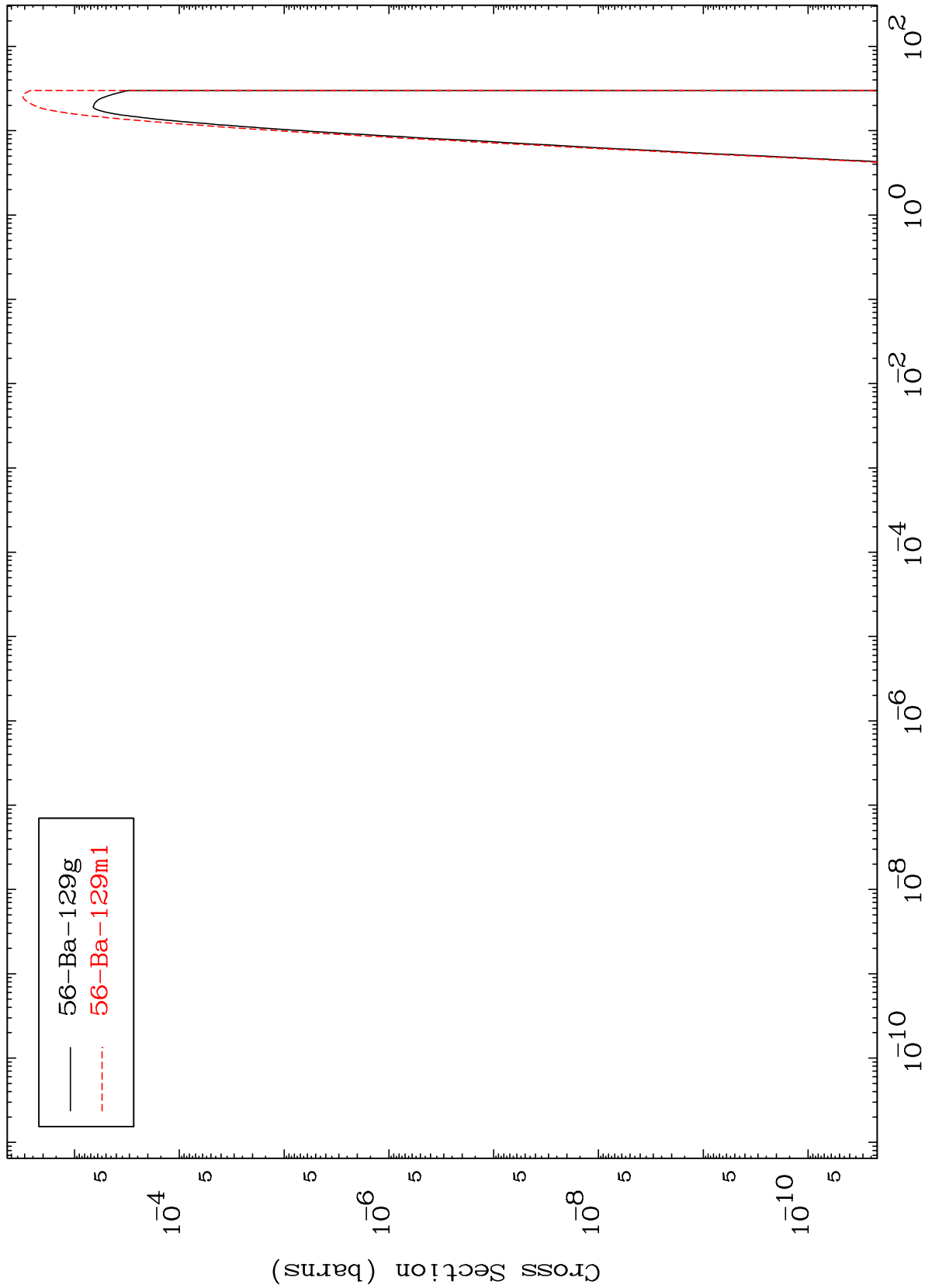
Incident Energy (MeV)

150

MAT 5901

59-Pr-133

(n,p) α
Radionuclide Production Cross Section



151

Incident Energy (MeV)

59-Pr-133