

Program EVALPLOT
(Version 2021-1)

by

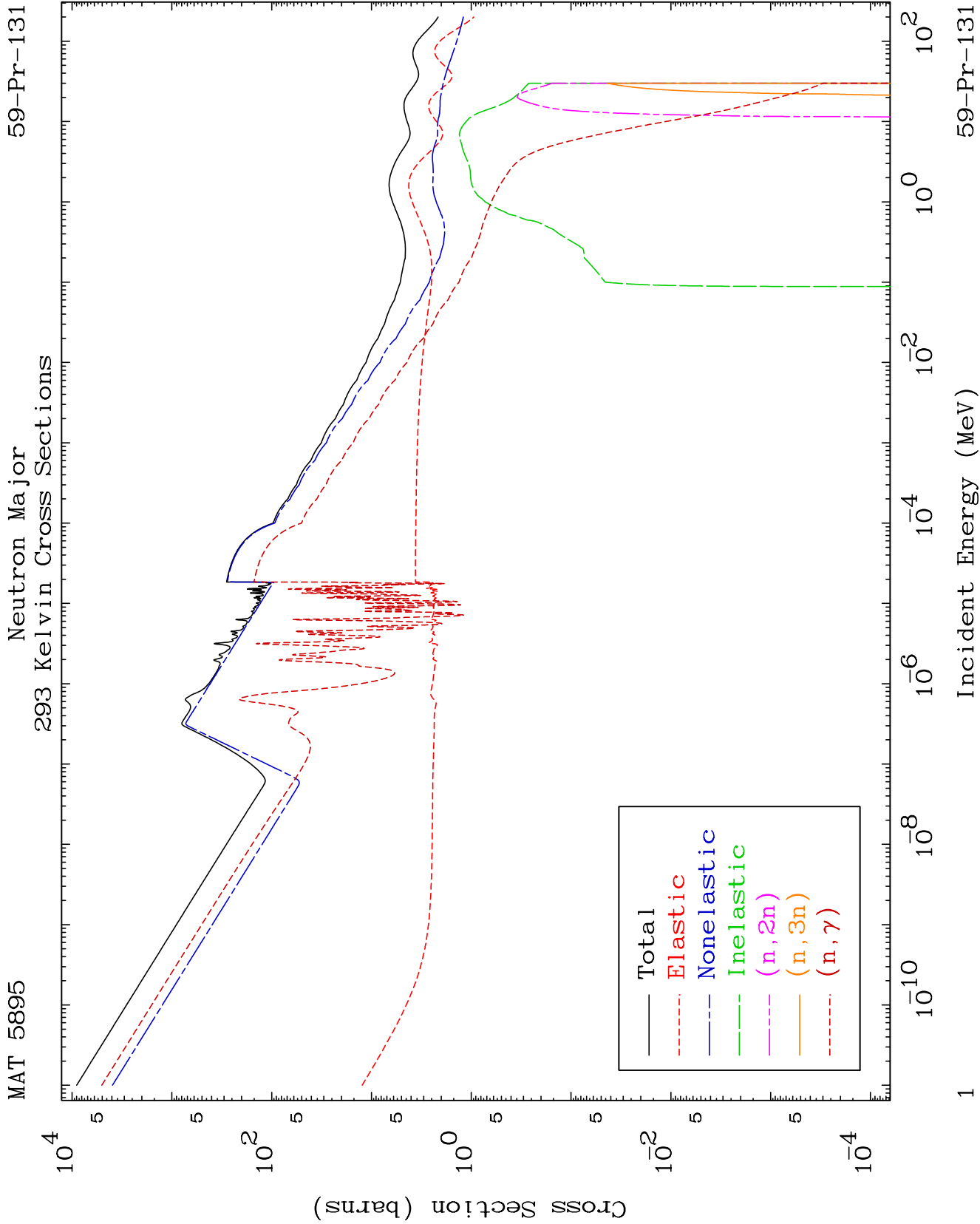
Dermott E. Cullen
(Present Contact Information)

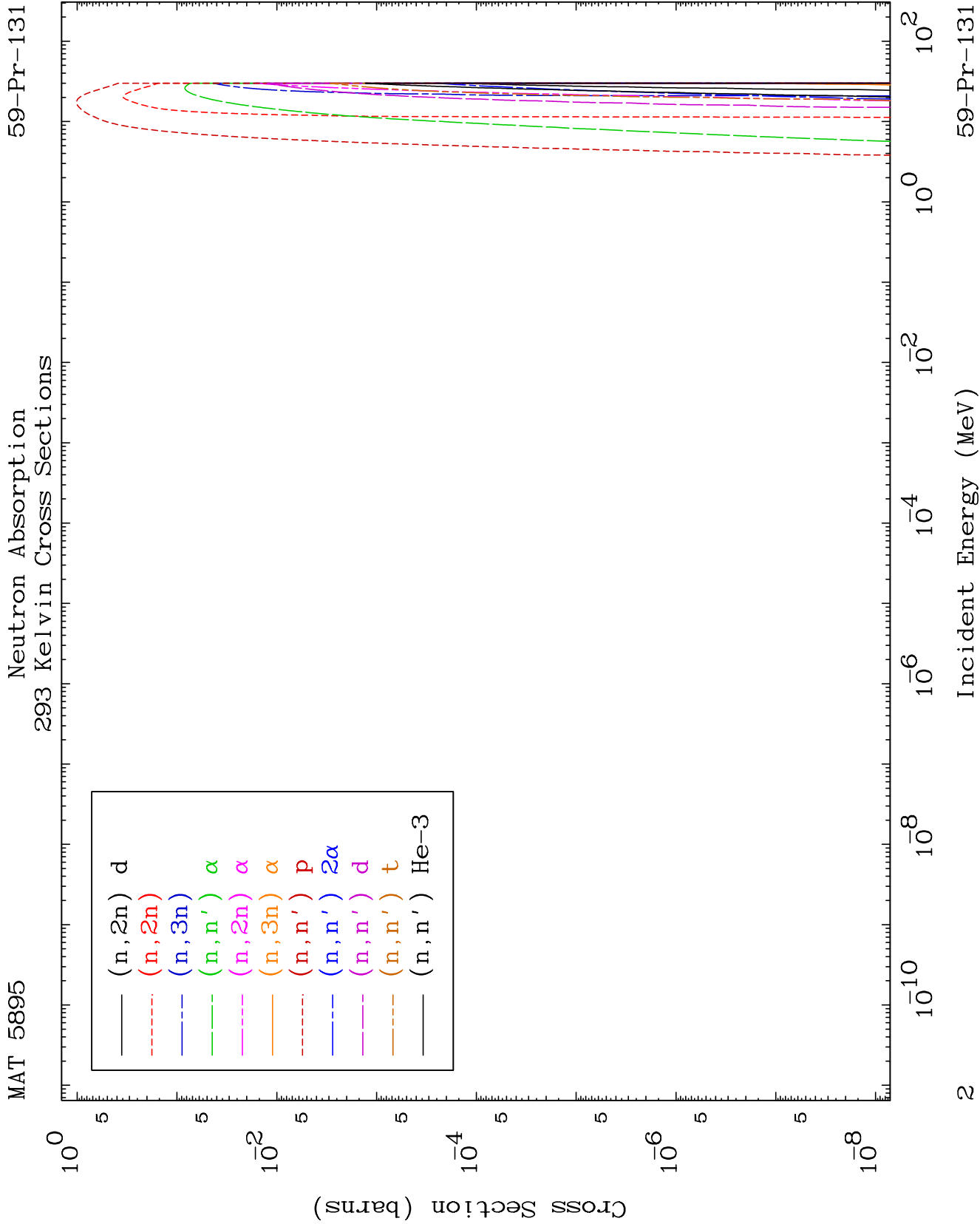
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

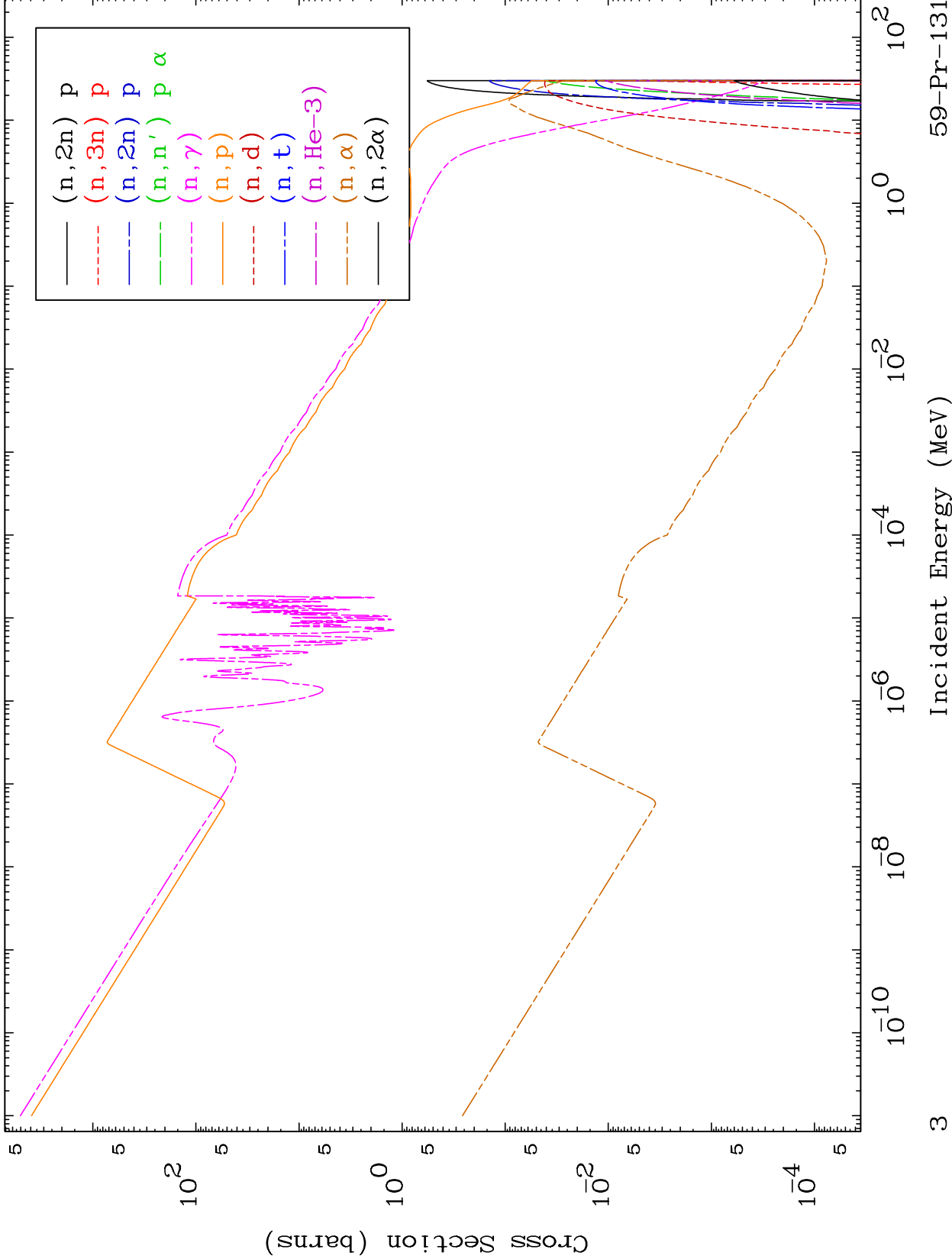
Tele: 925-443-1911

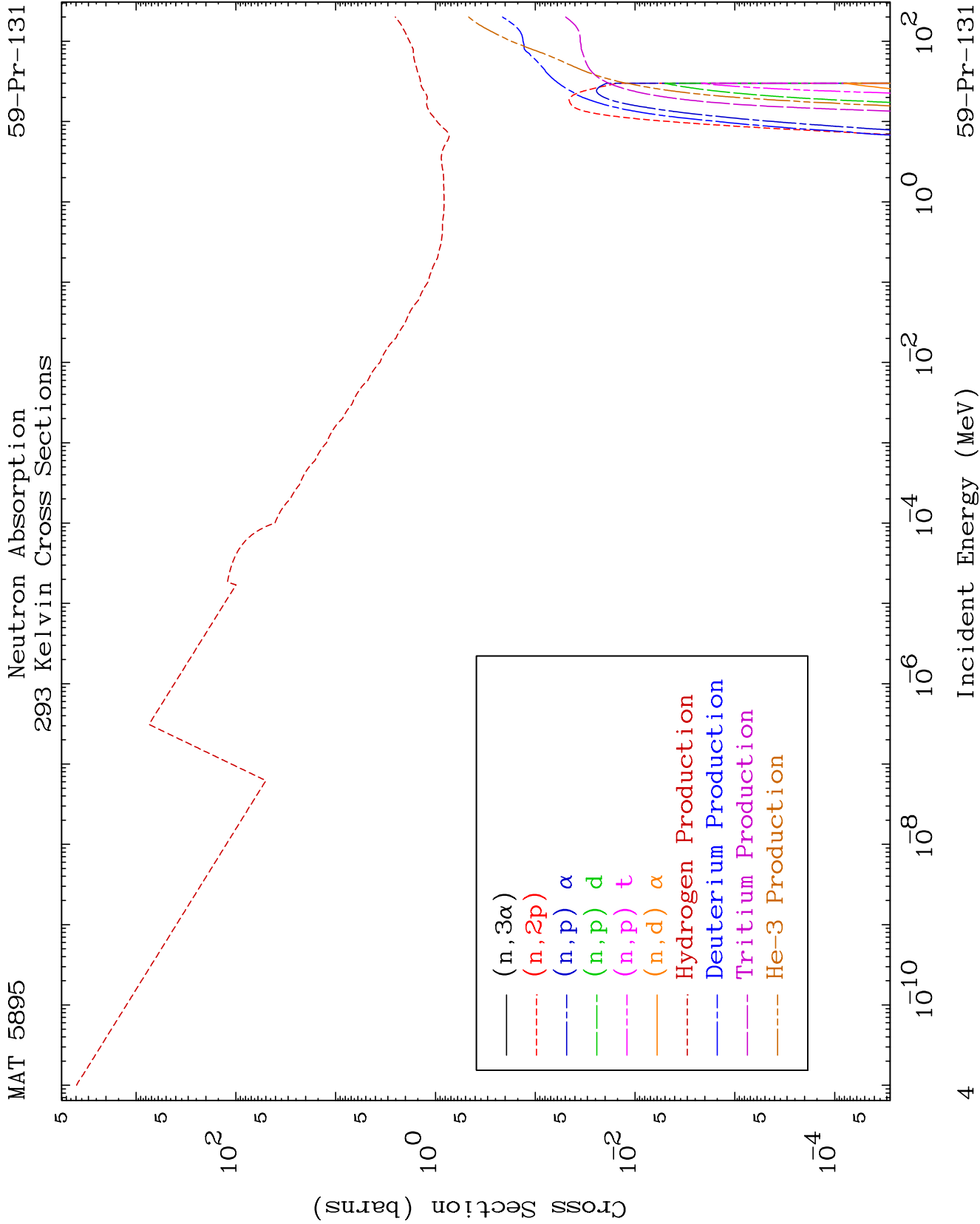
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

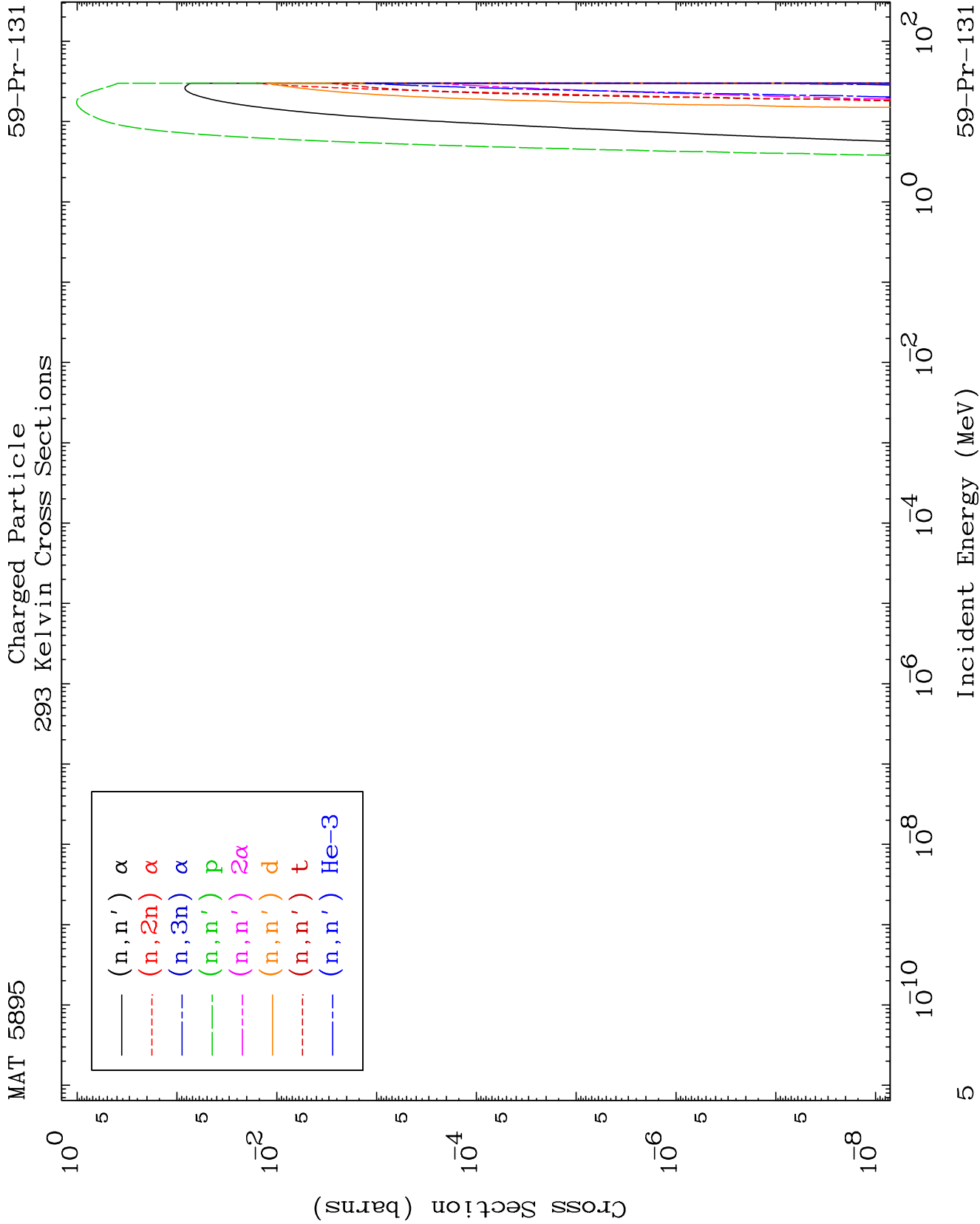
Press Mouse Button to Start

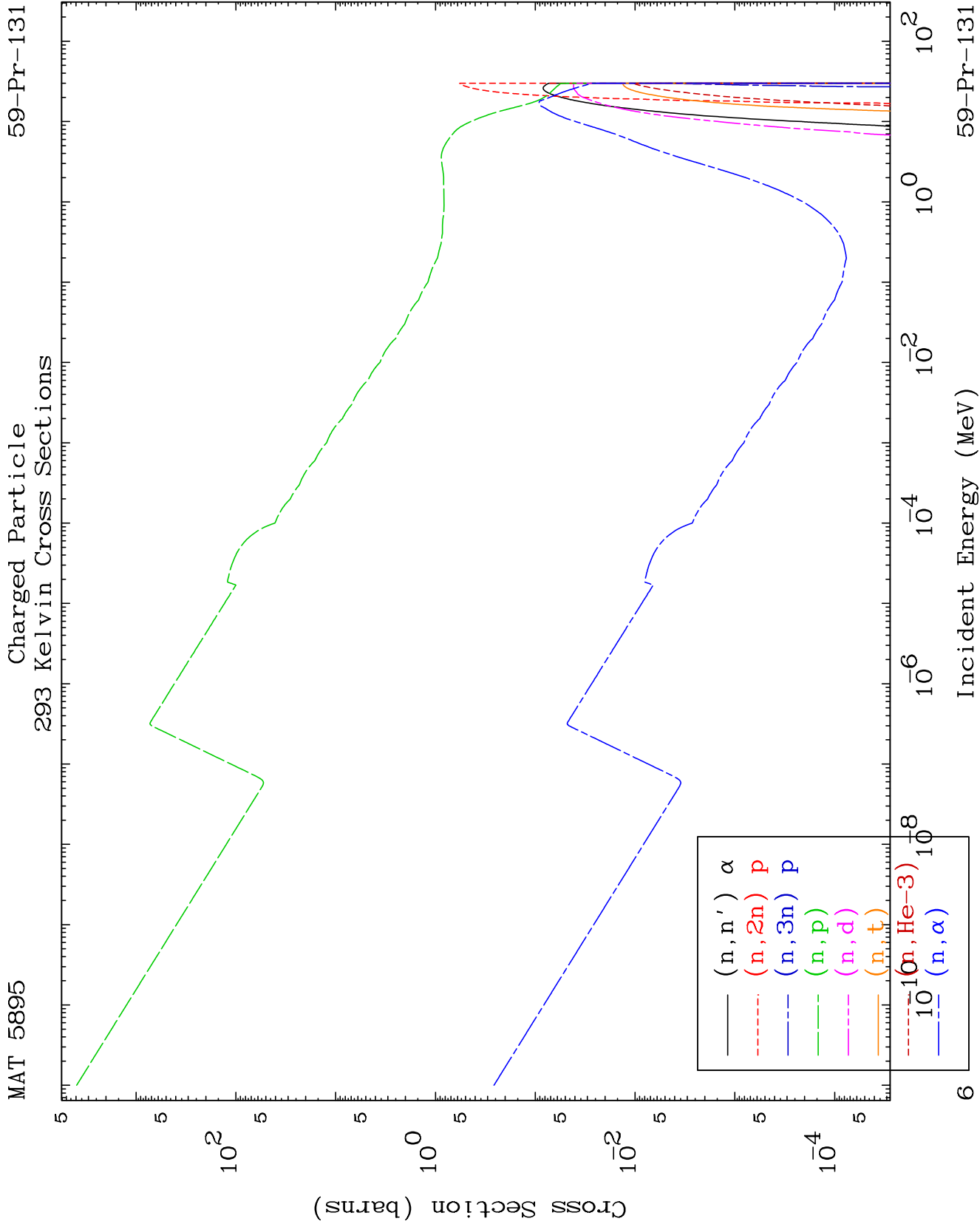


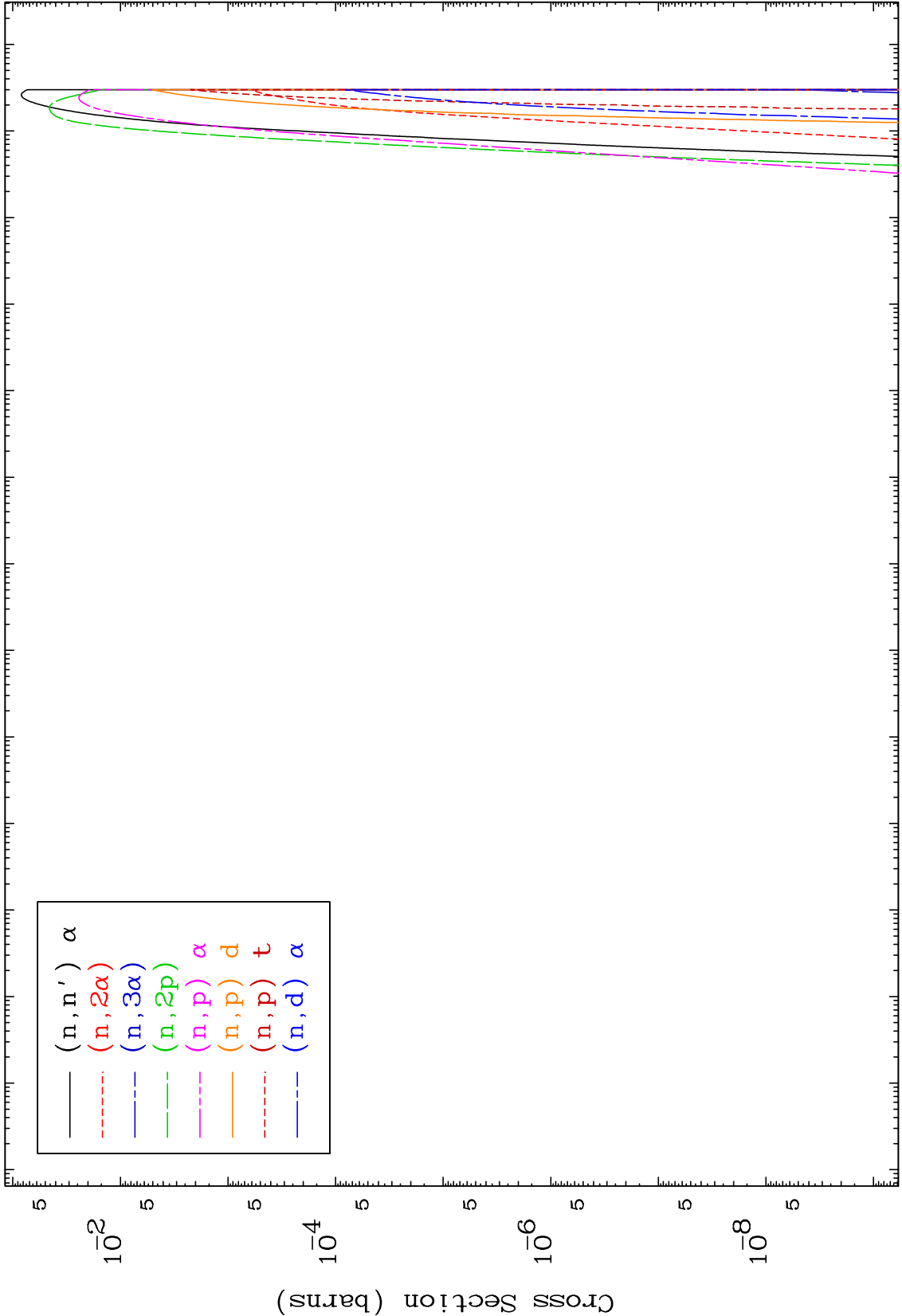








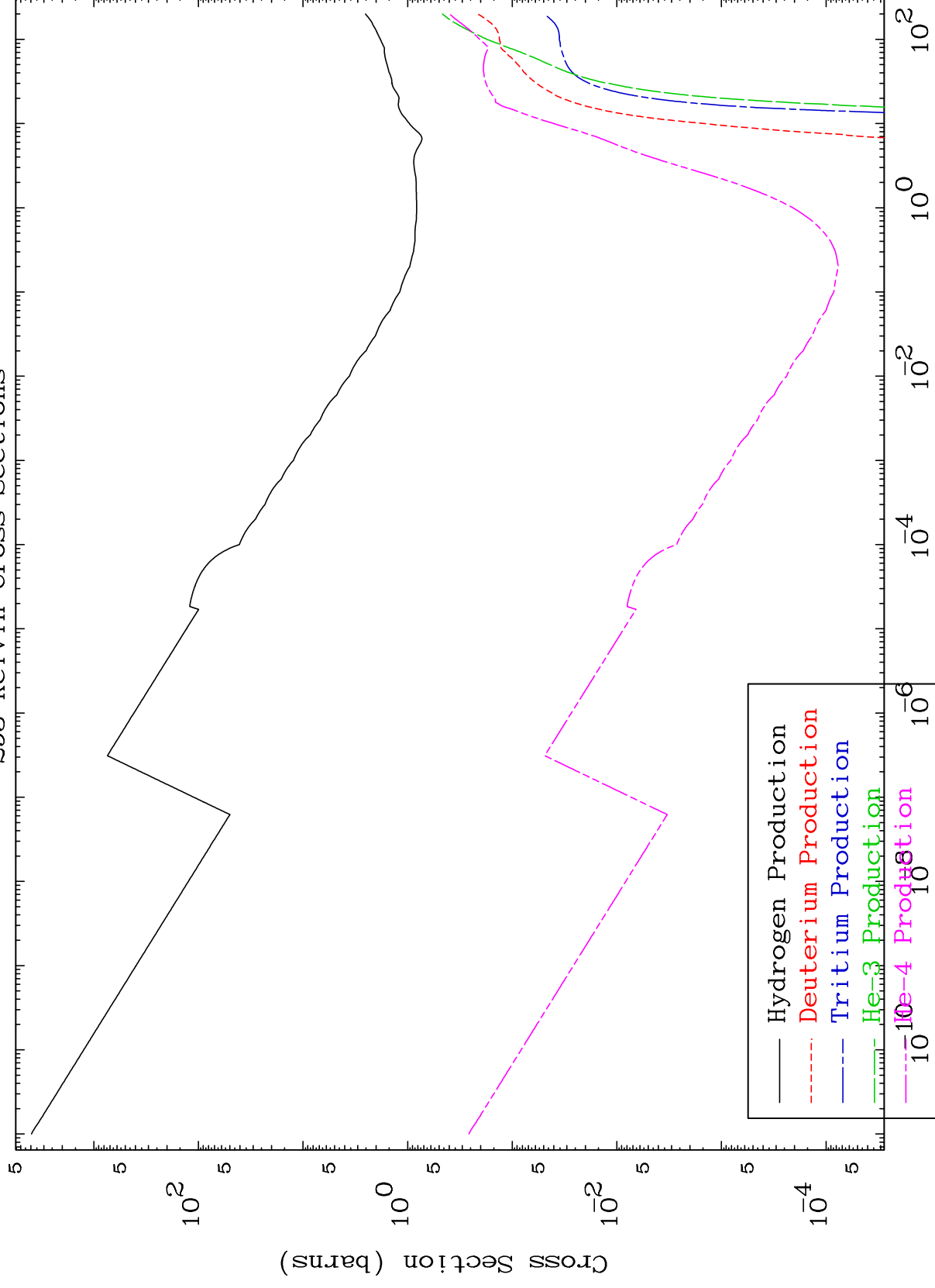


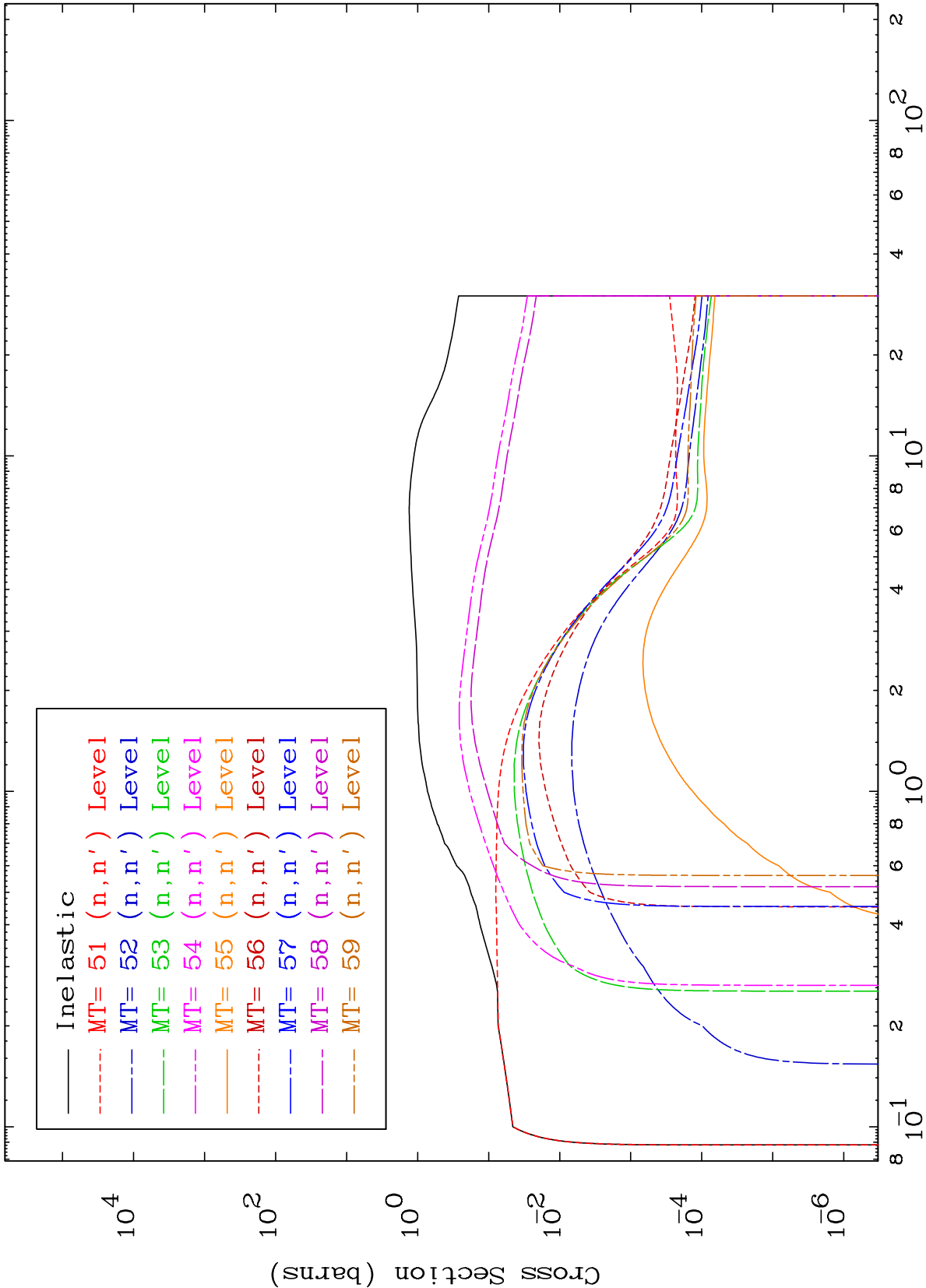


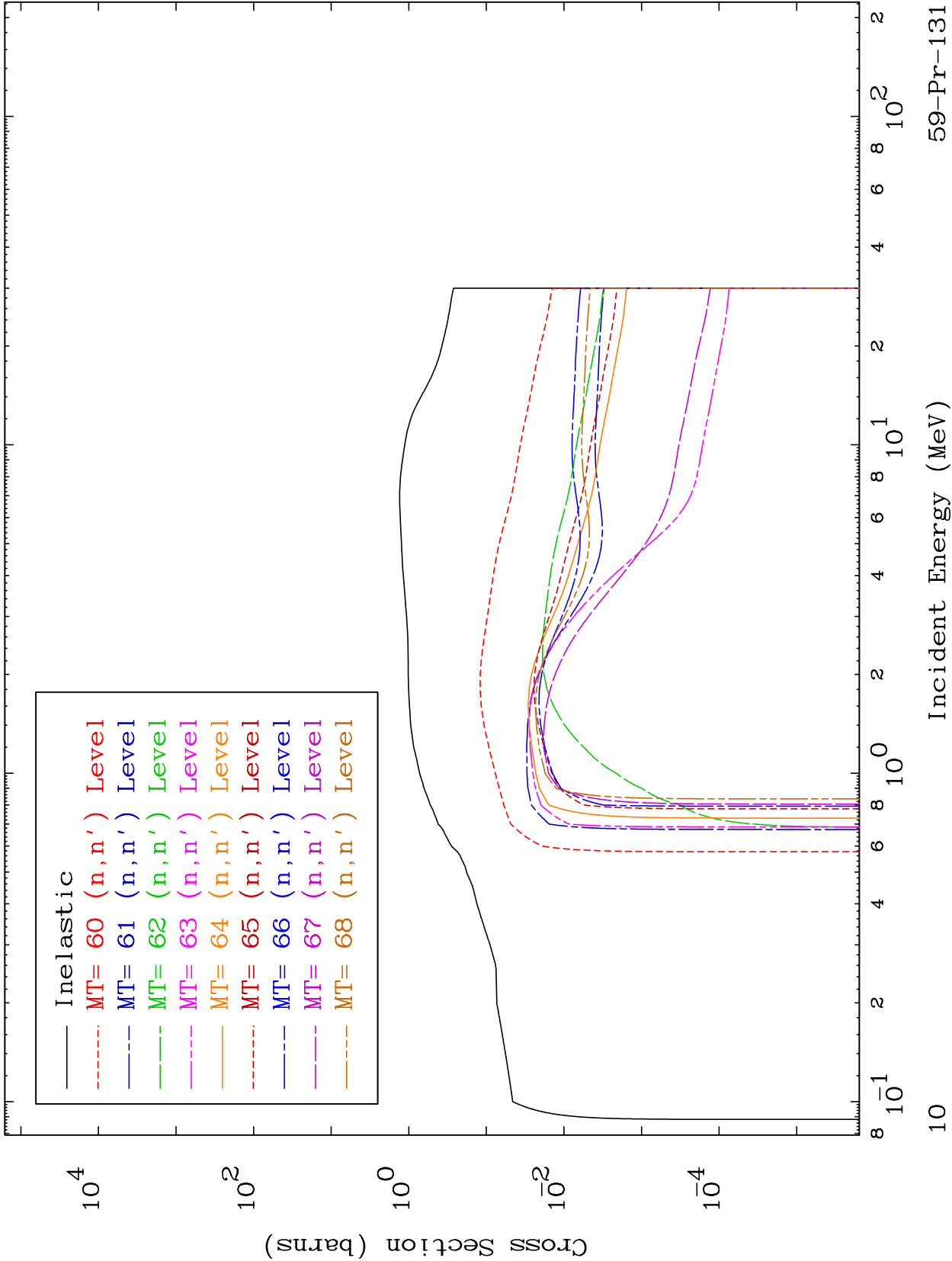
MAT 5895

Particle Production
293 Kelvin Cross Sections

59-Pr-131



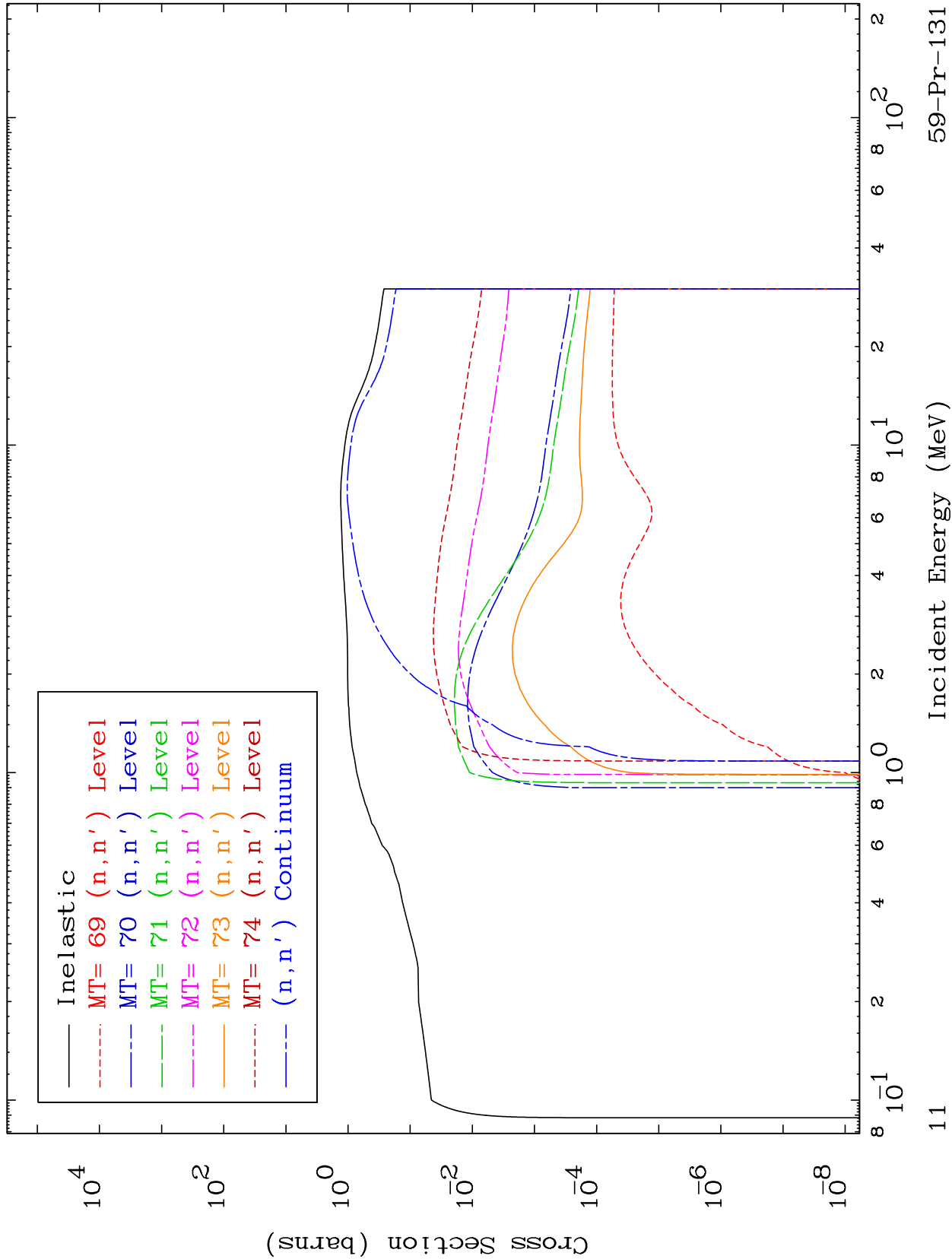




MAT 5895

(n,n') Levels
293 Kelvin Cross Sections

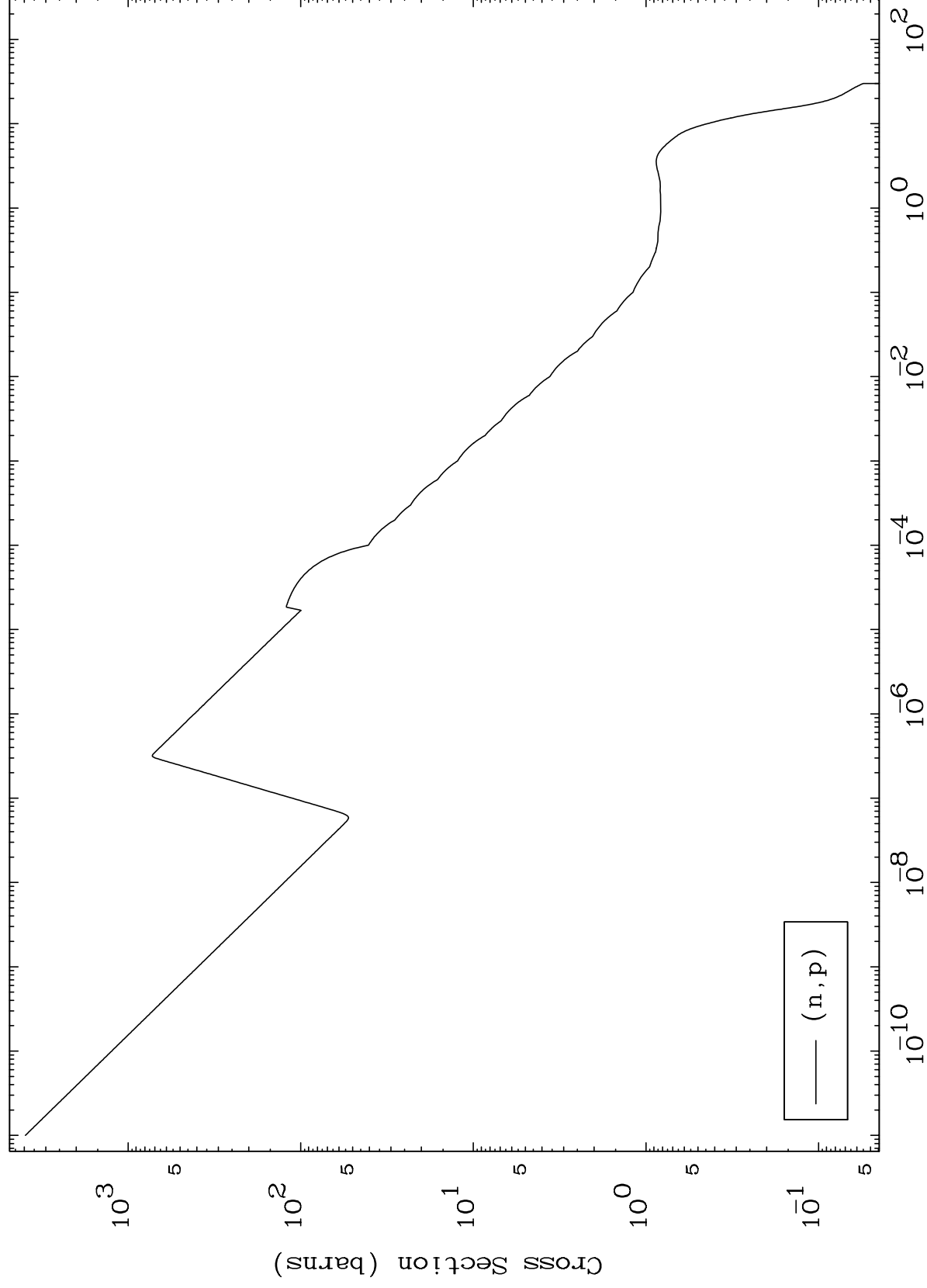
59-Pr-131



MAT 5895

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-131



— (n,p)

12

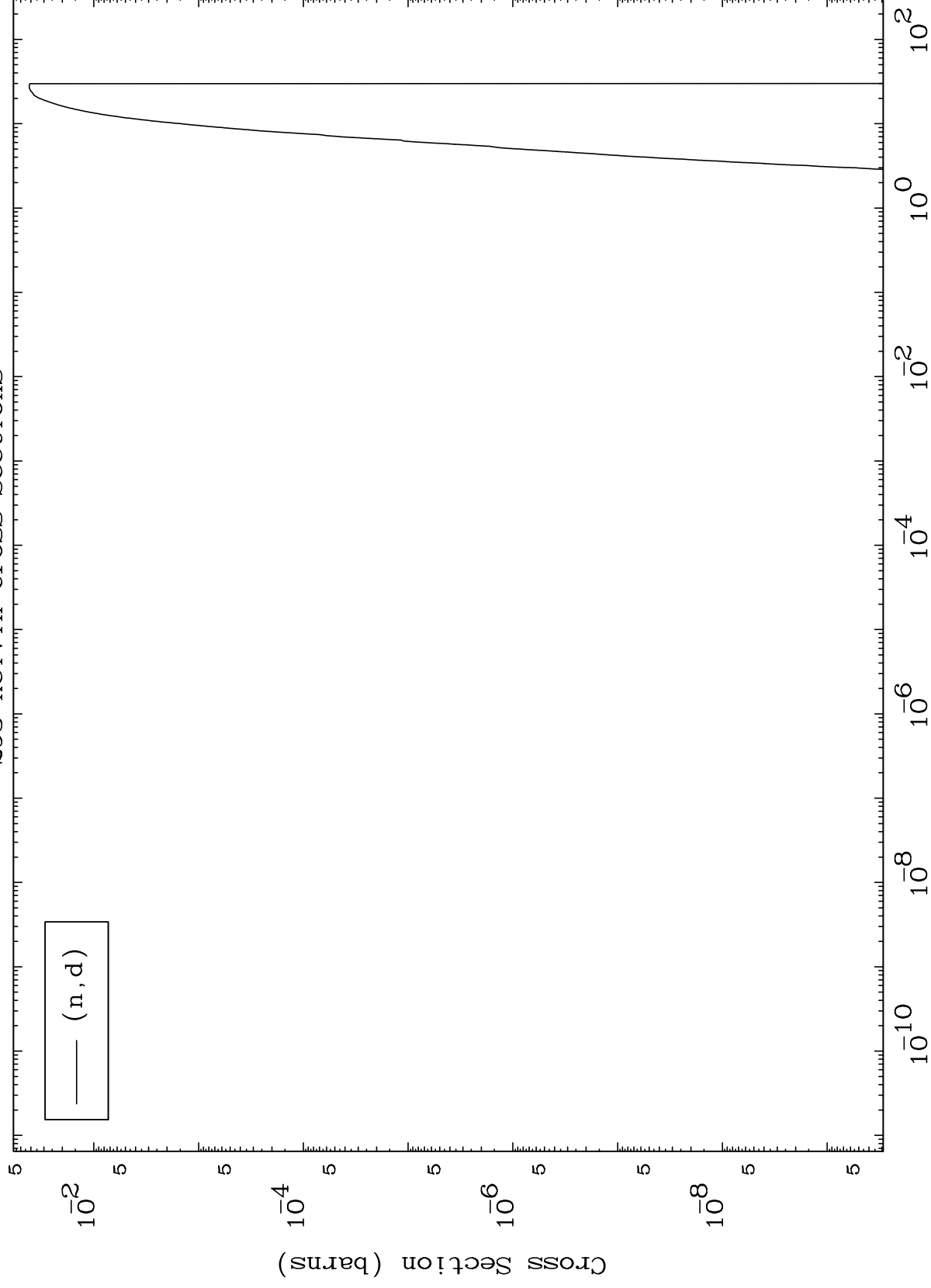
Incident Energy (MeV)

59-Pr-131

MAT 5895

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-131



13

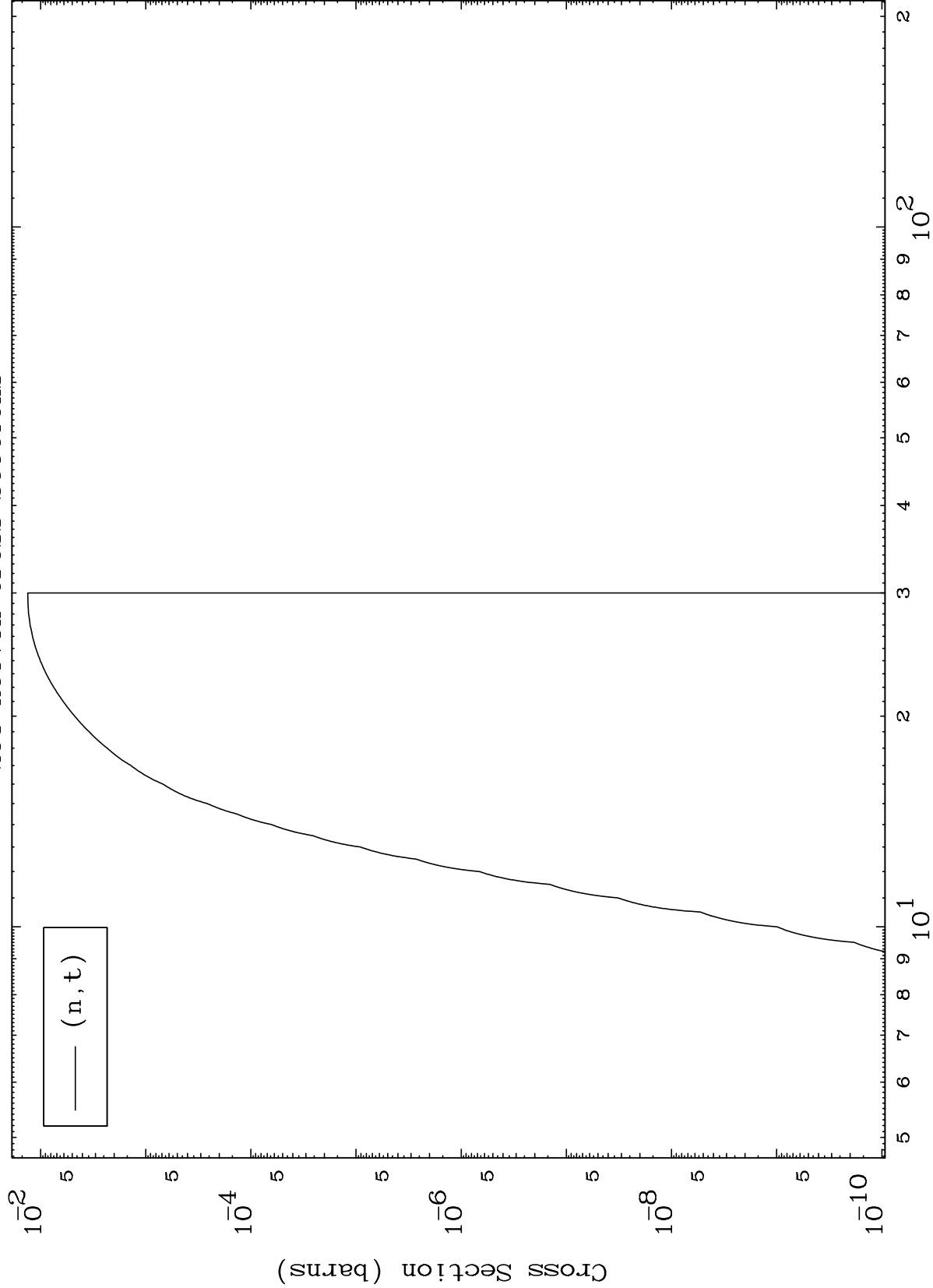
Incident Energy (MeV)

59-Pr-131

MAT 5895

59-Pr-131

(n,t) Levels
293 Kelvin Cross Sections



59-Pr-131

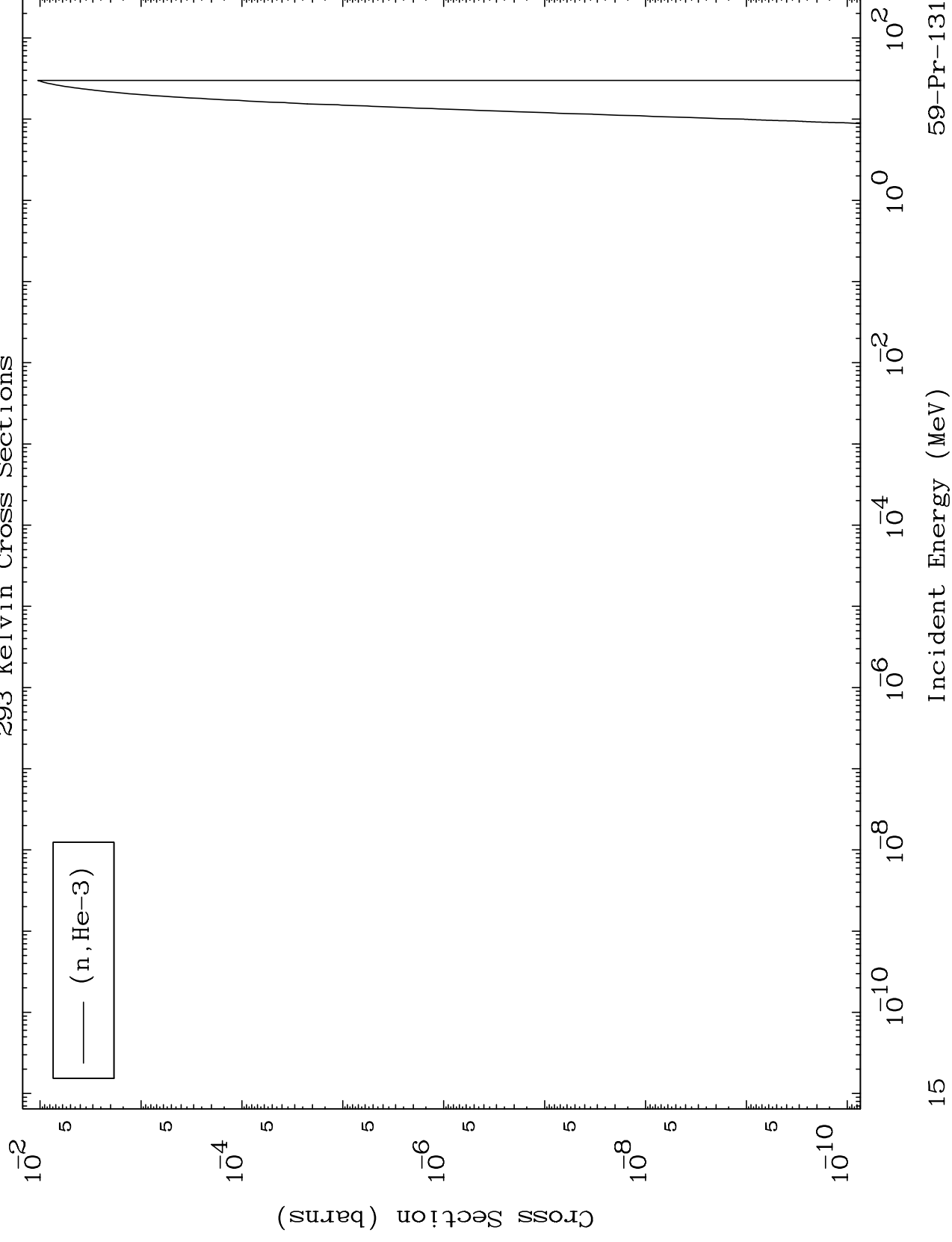
Incident Energy (MeV)

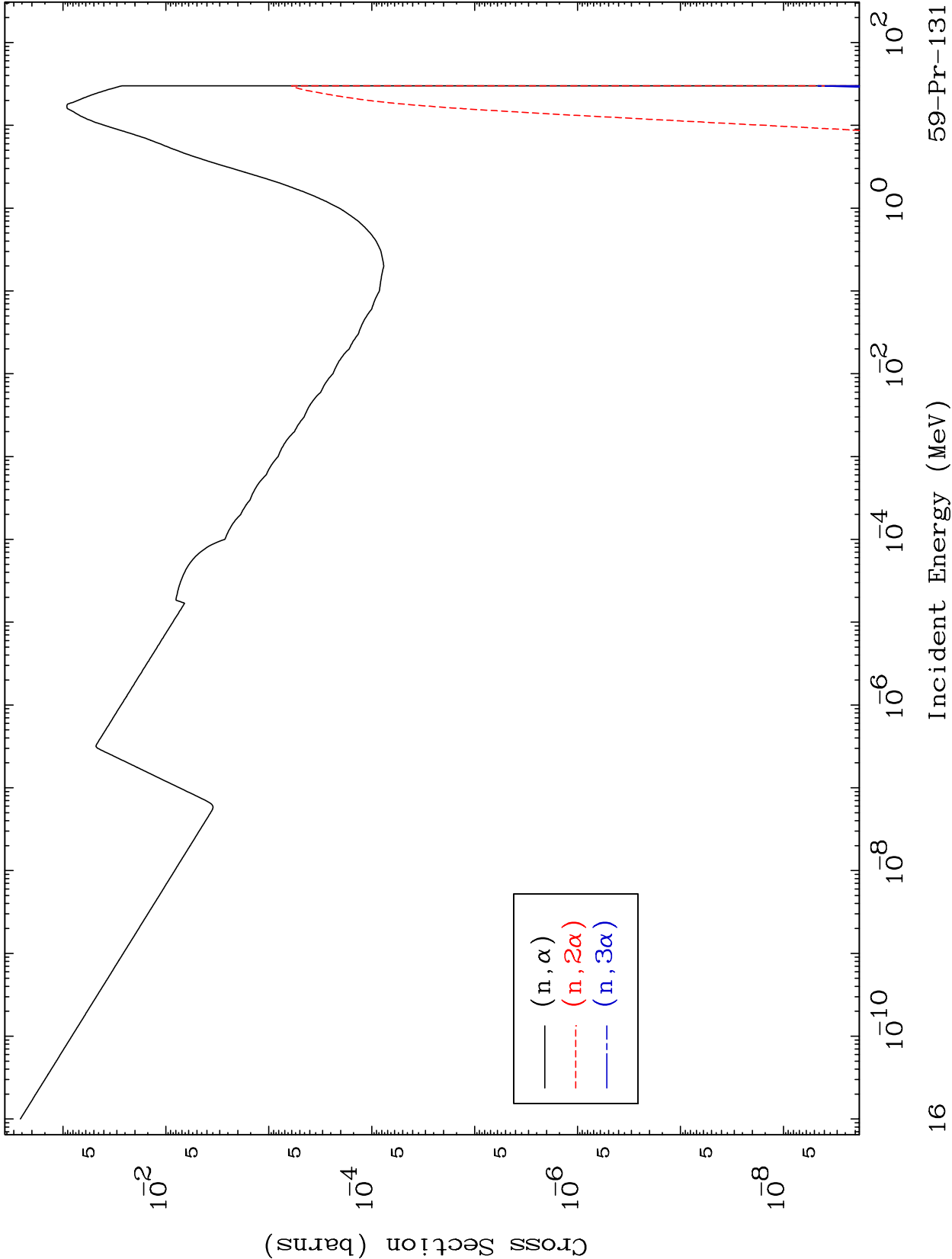
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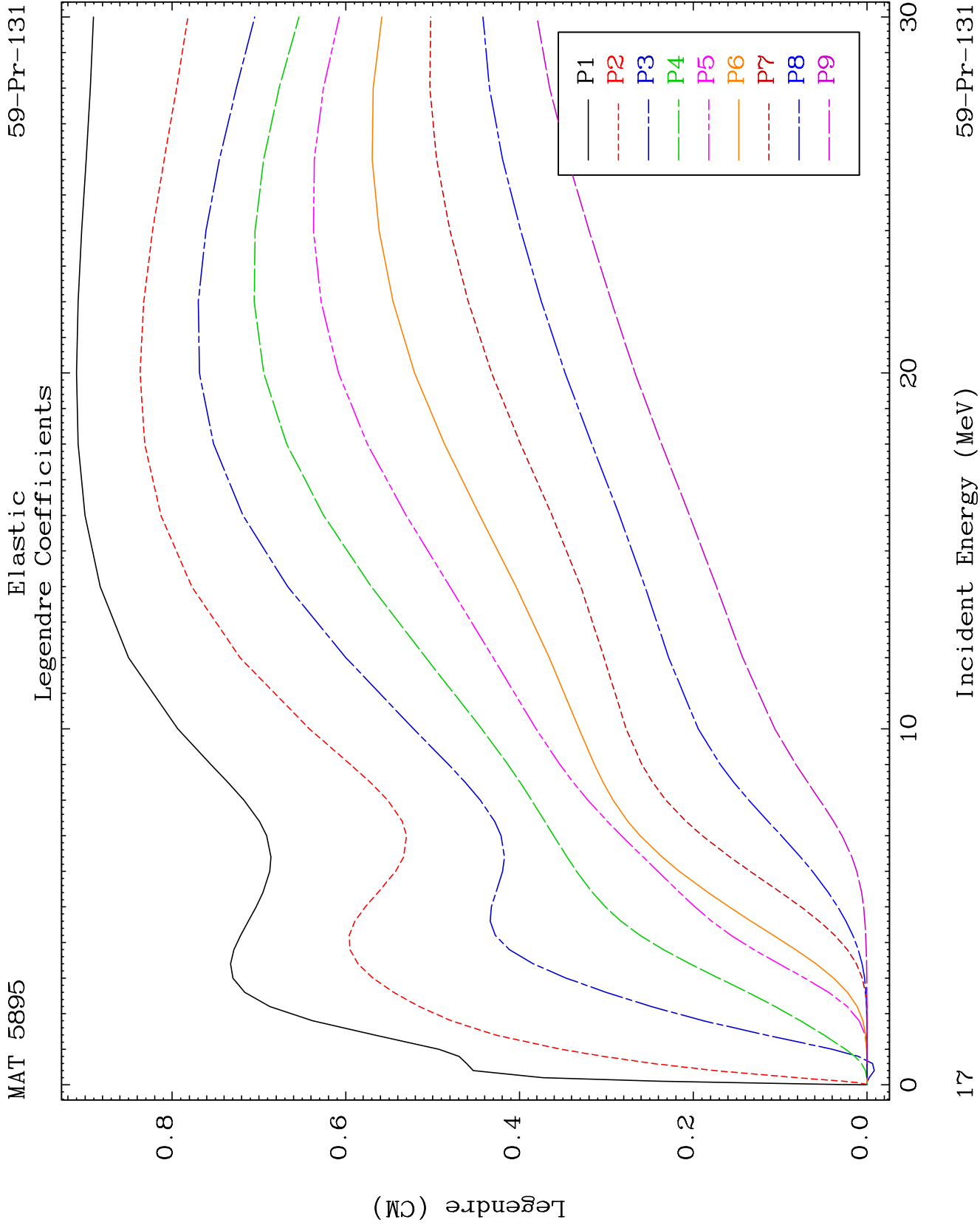
MAT 5895

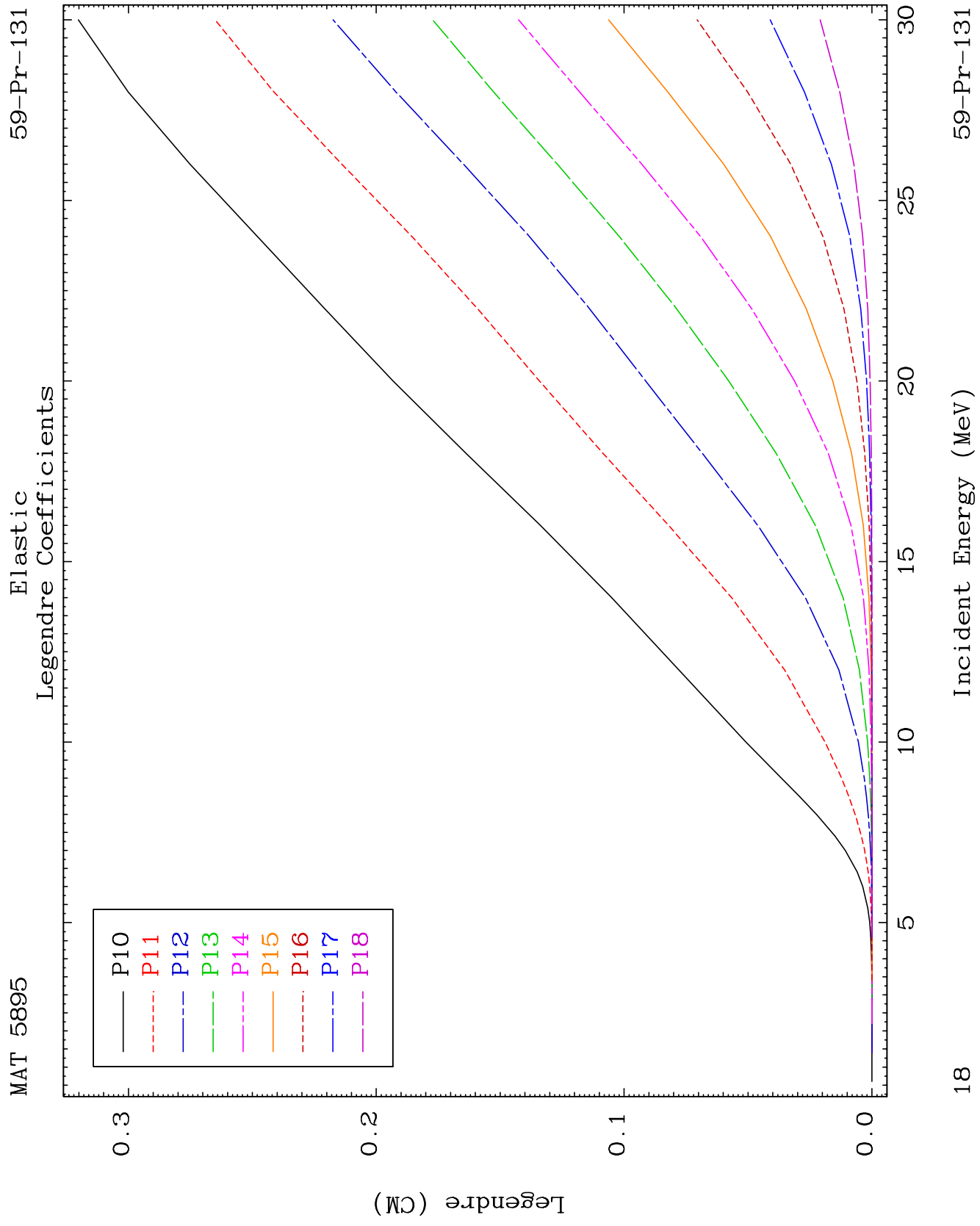
59-Pr-131

(n,He3) Levels
293 Kelvin Cross Sections





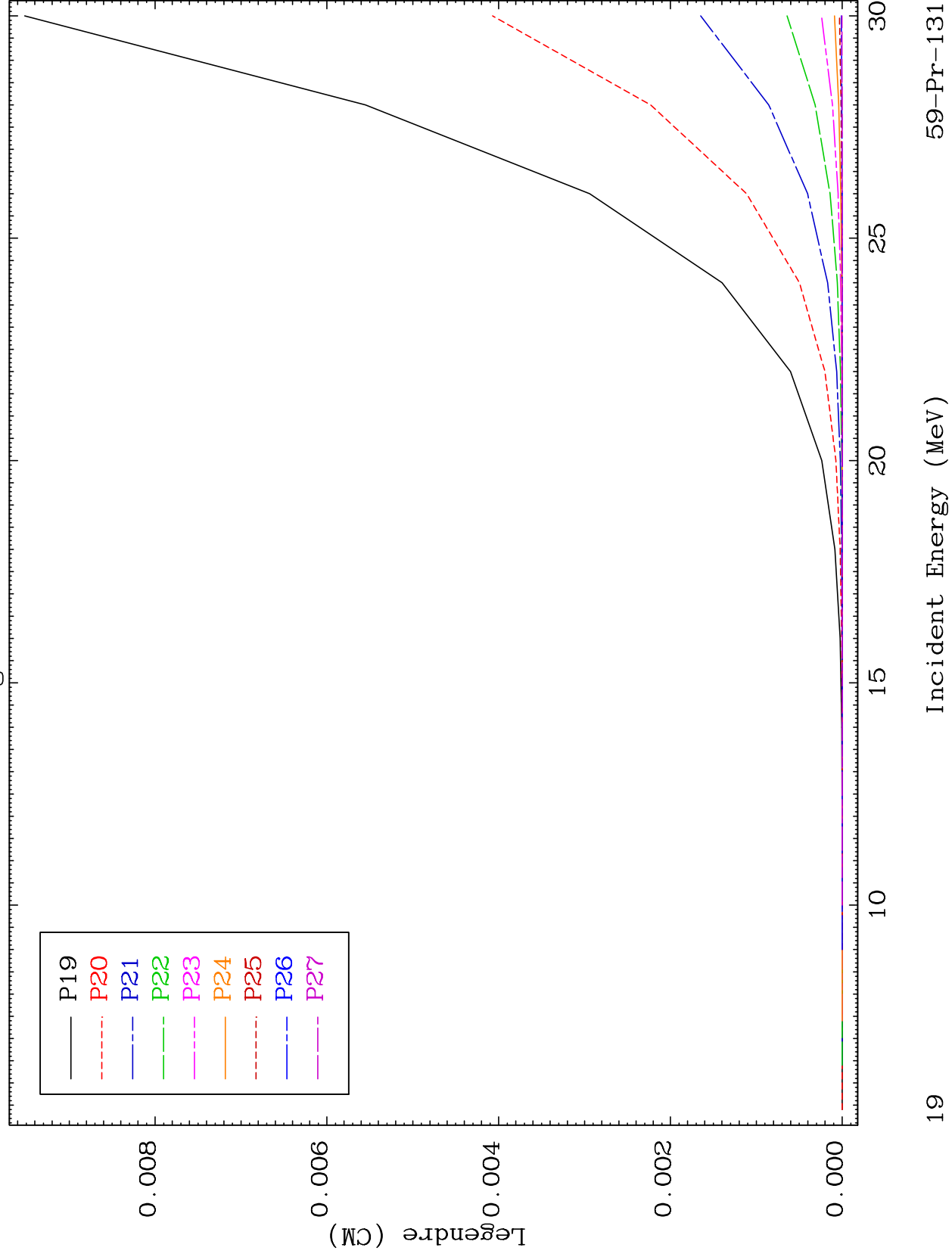


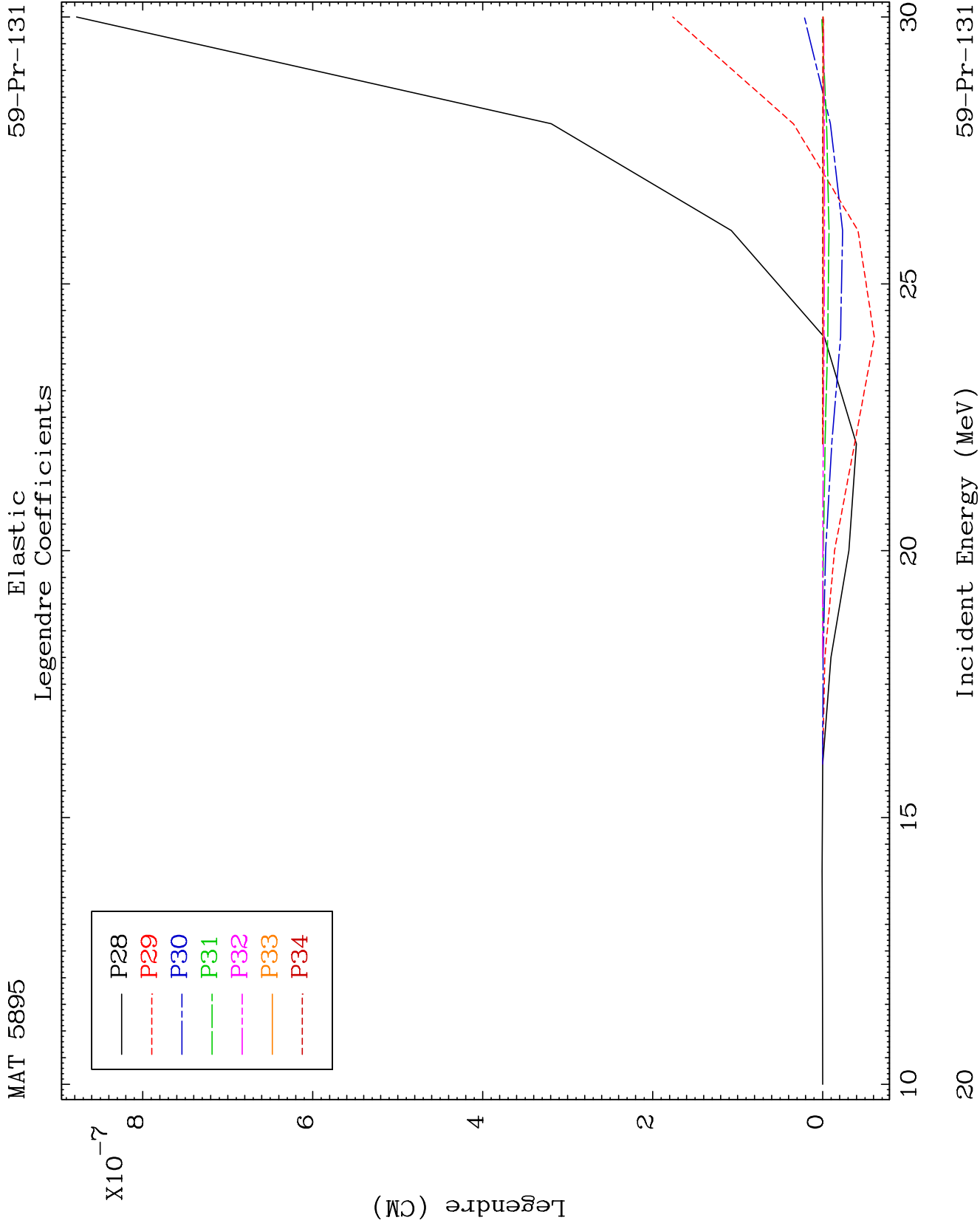


MAT 5895

Elastic Legendre Coefficients

59-Pr-131

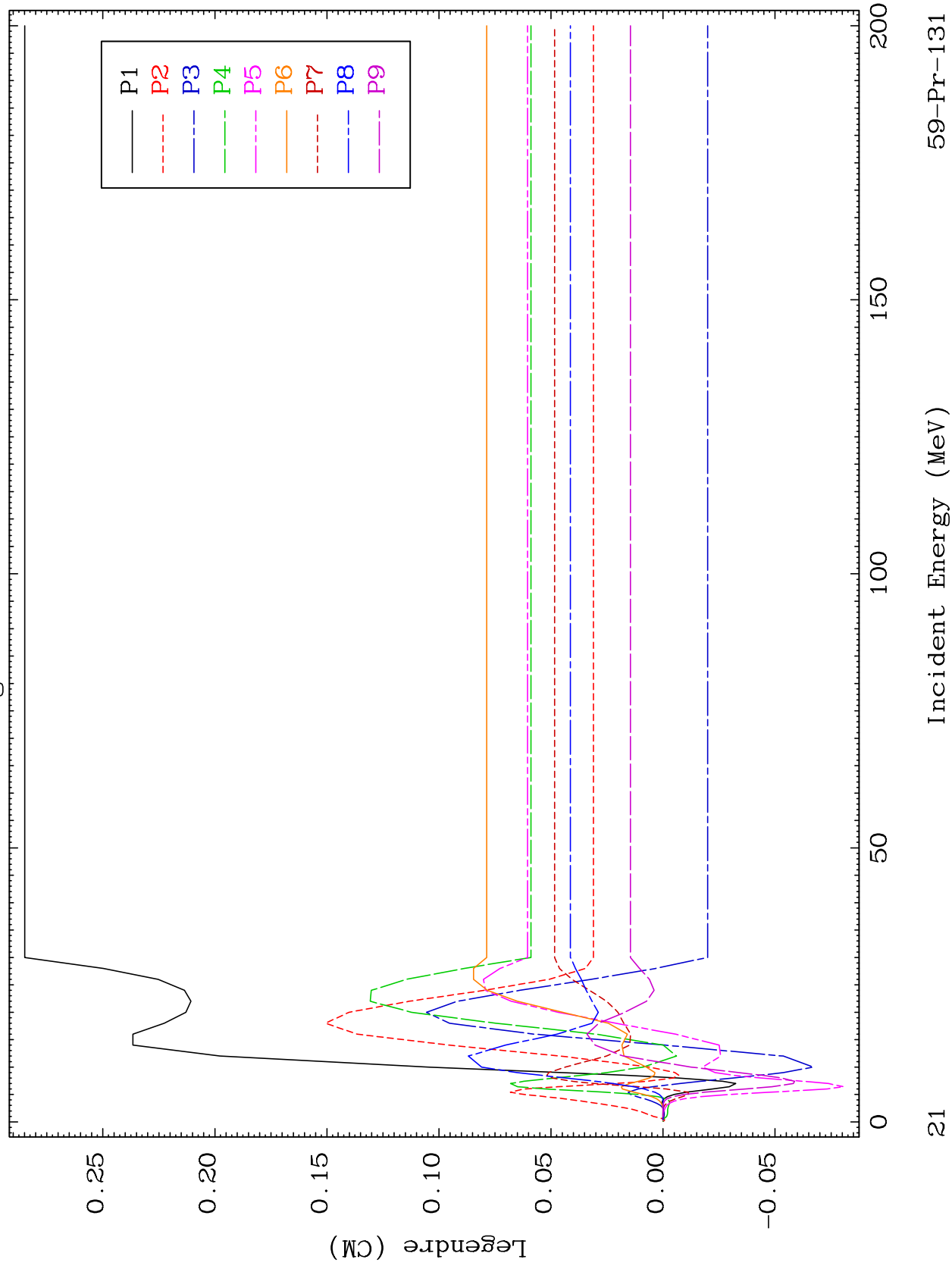


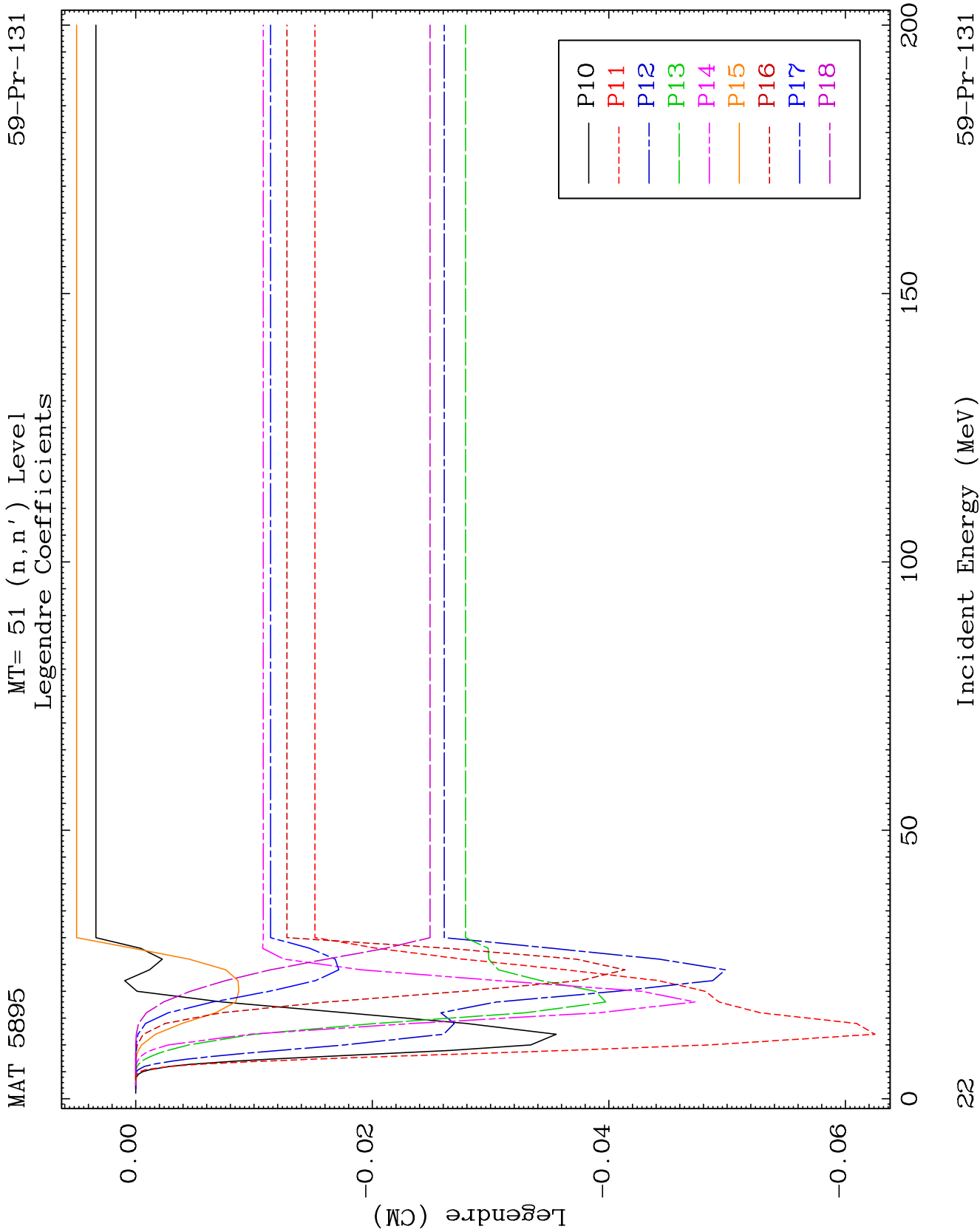


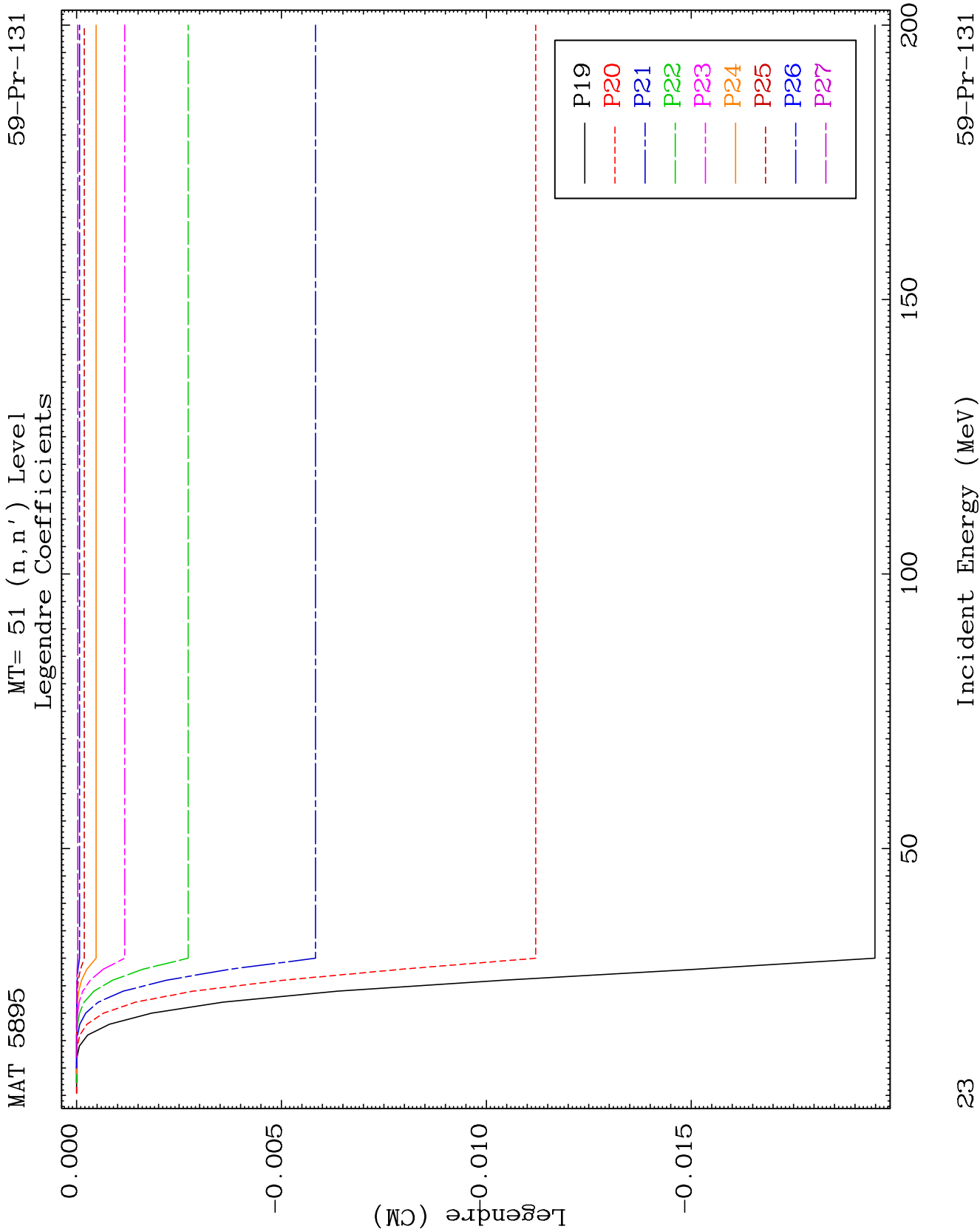
MAT 5895

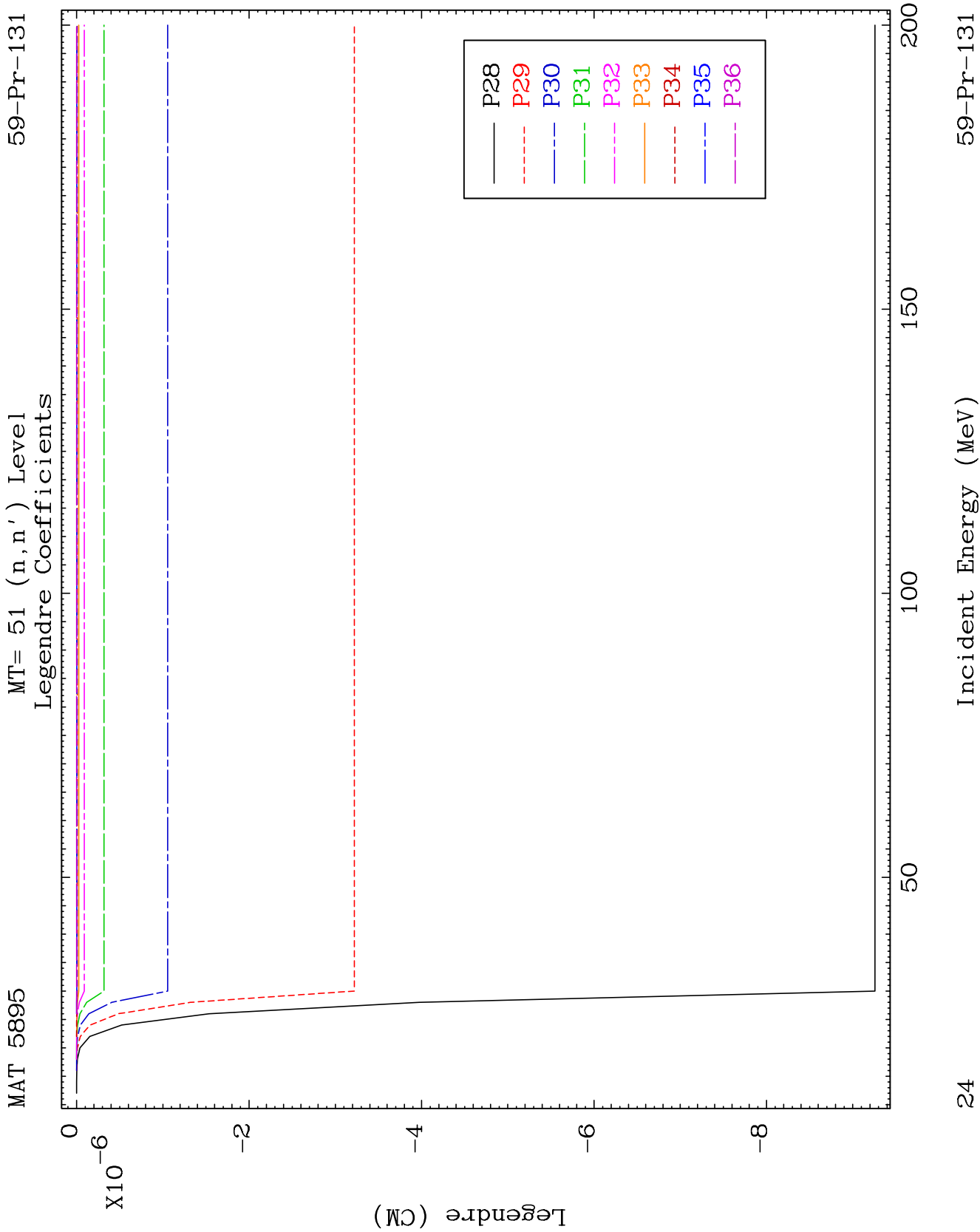
MT= 51 (n, n') Level
Legendre Coefficients

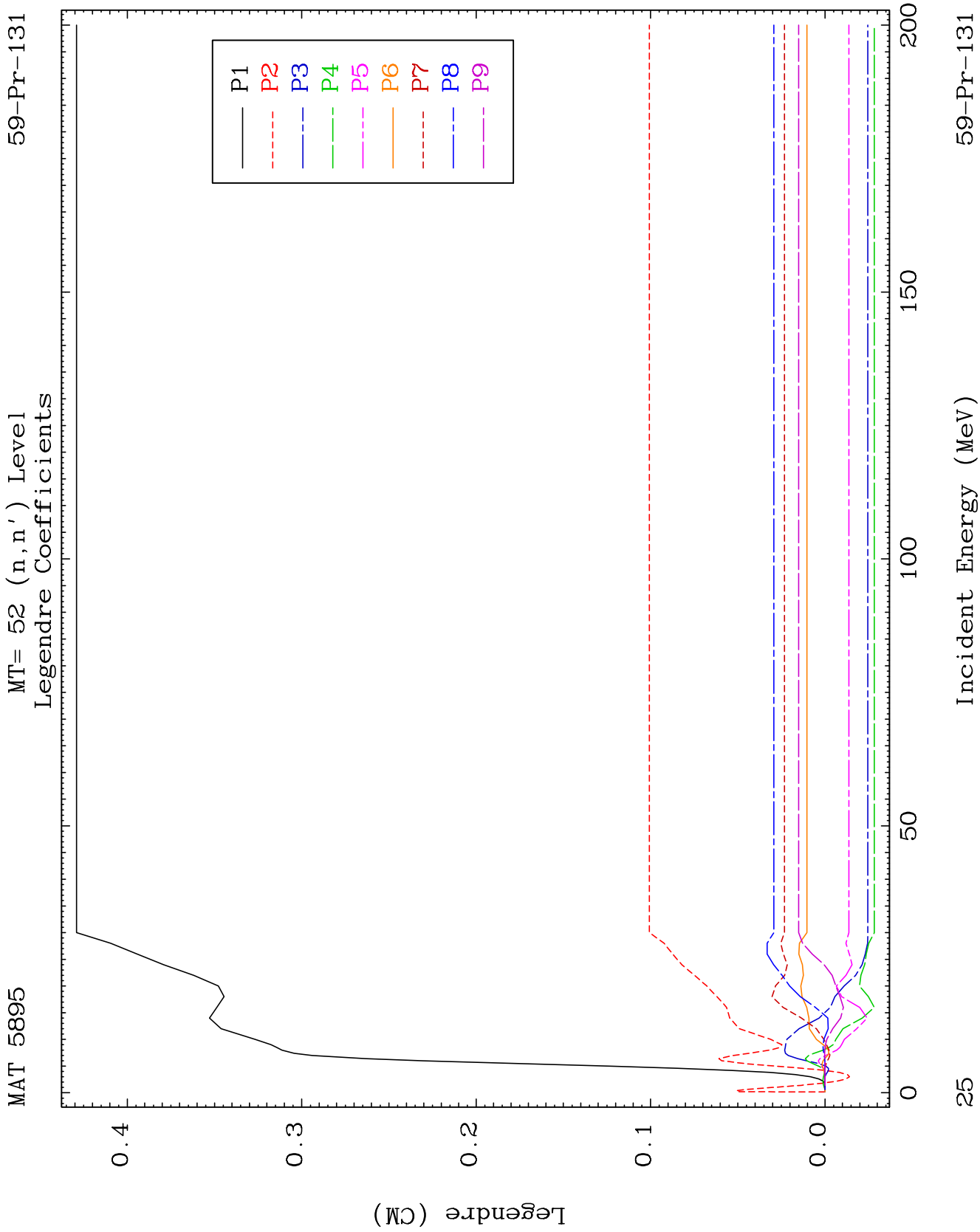
59-Pr-131

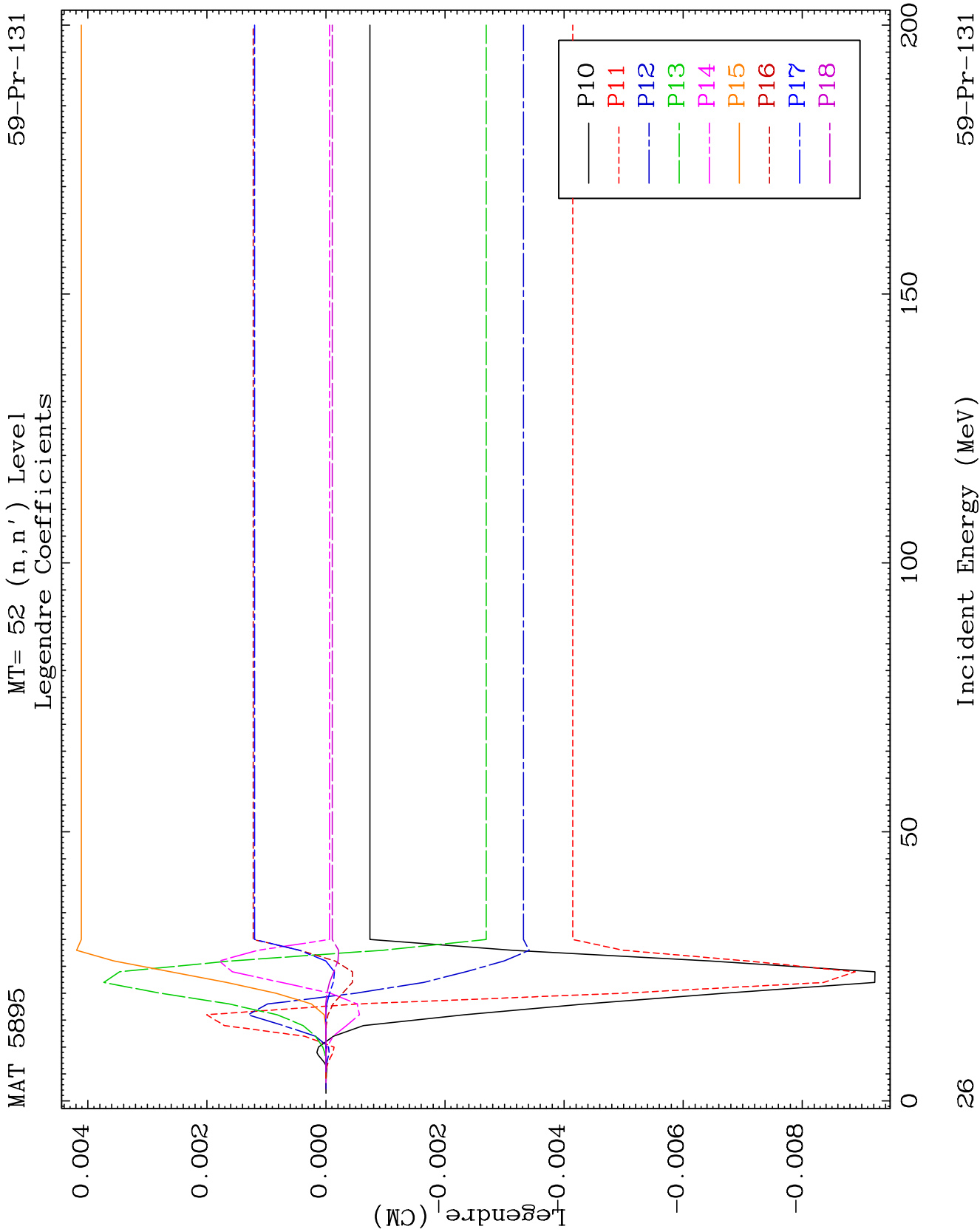


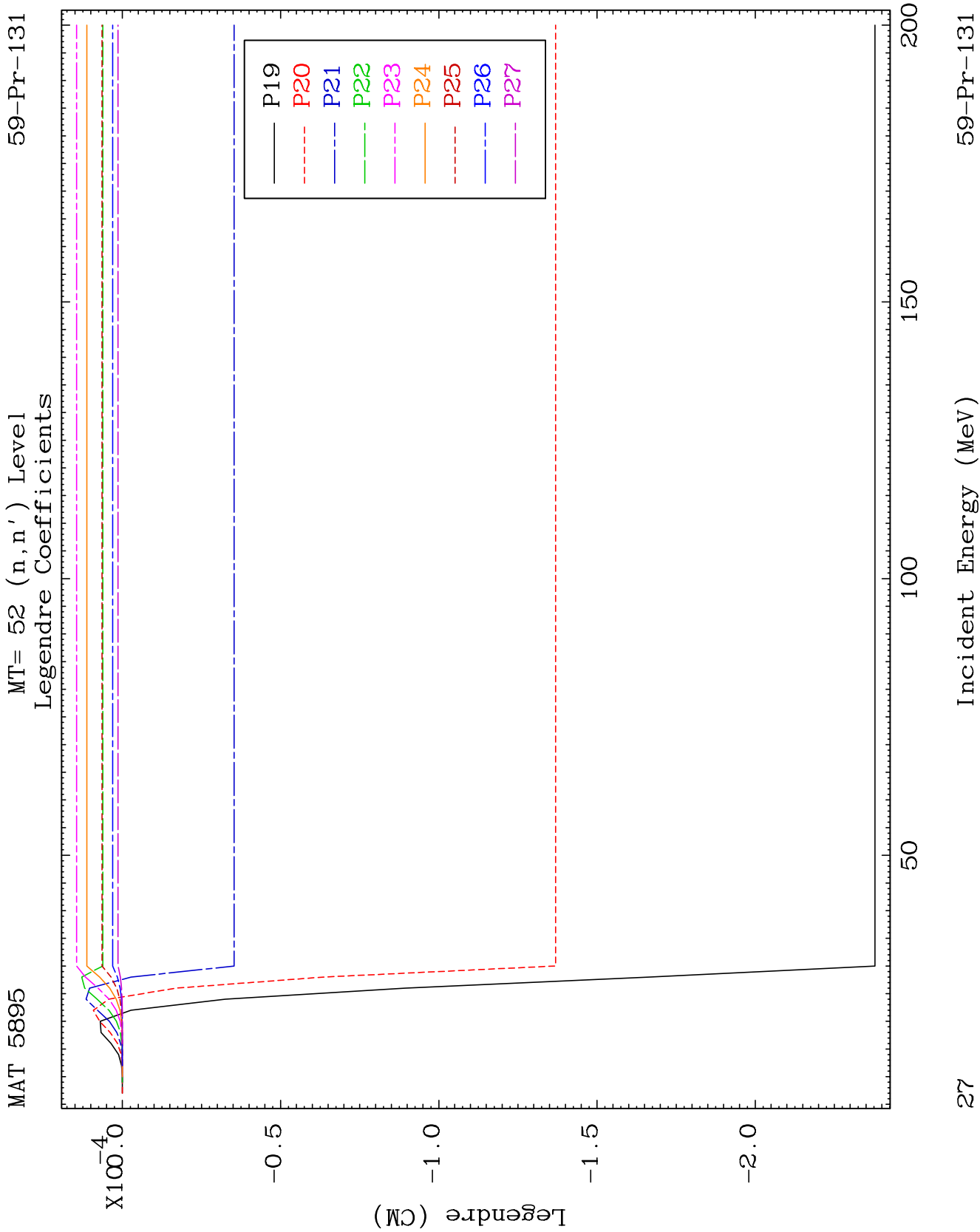








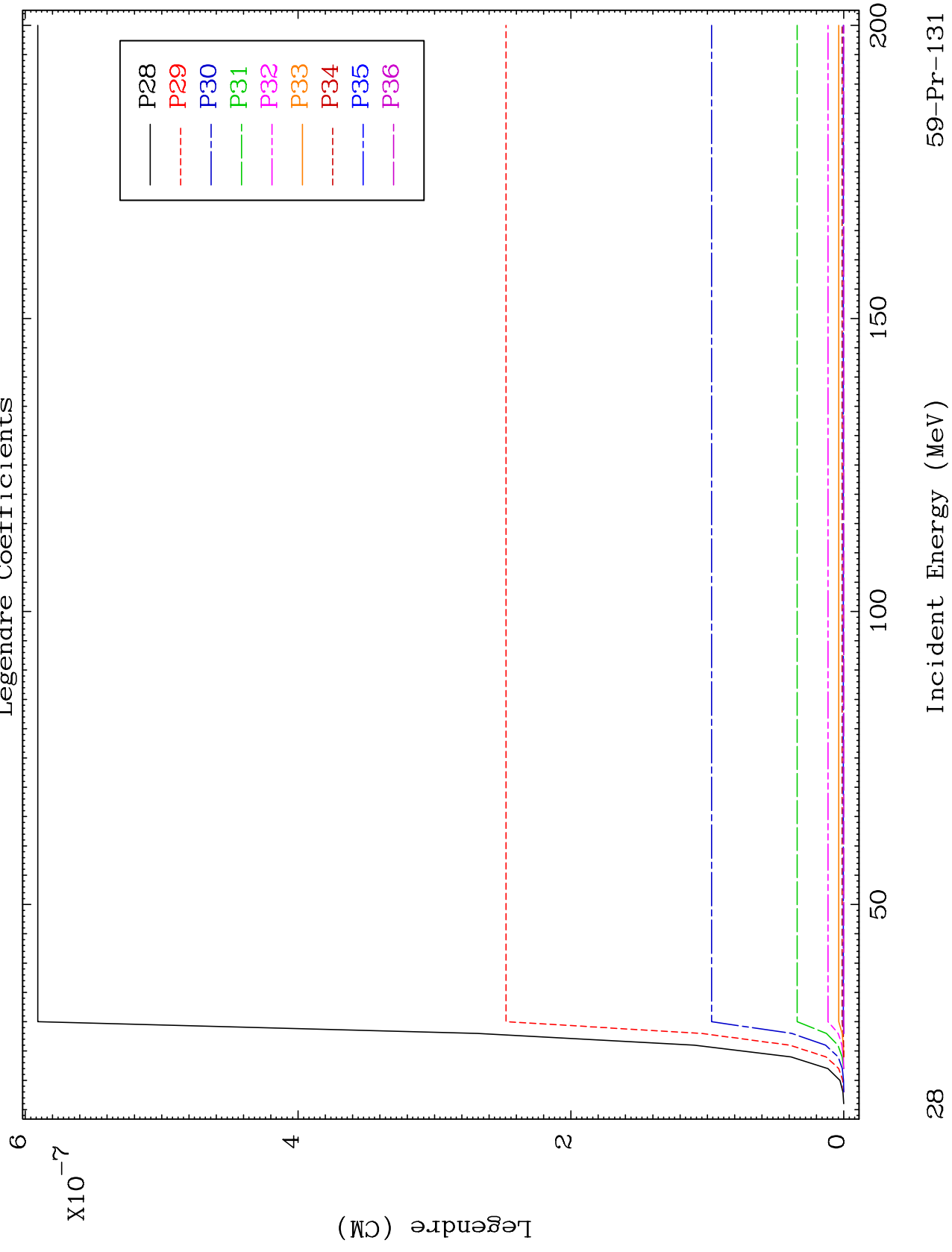




MAT 5895

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

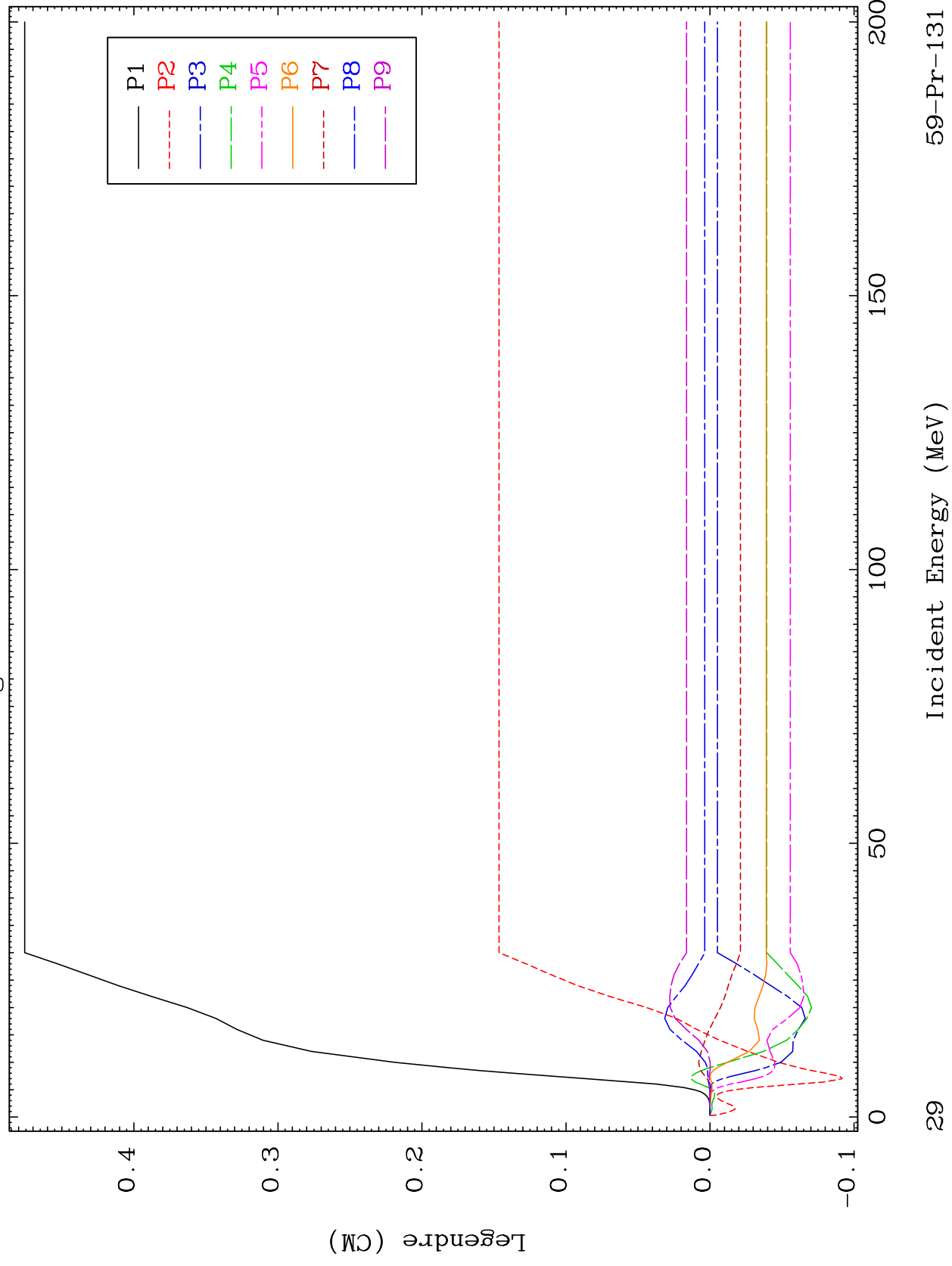
59-Pr-131



MAT 5895

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

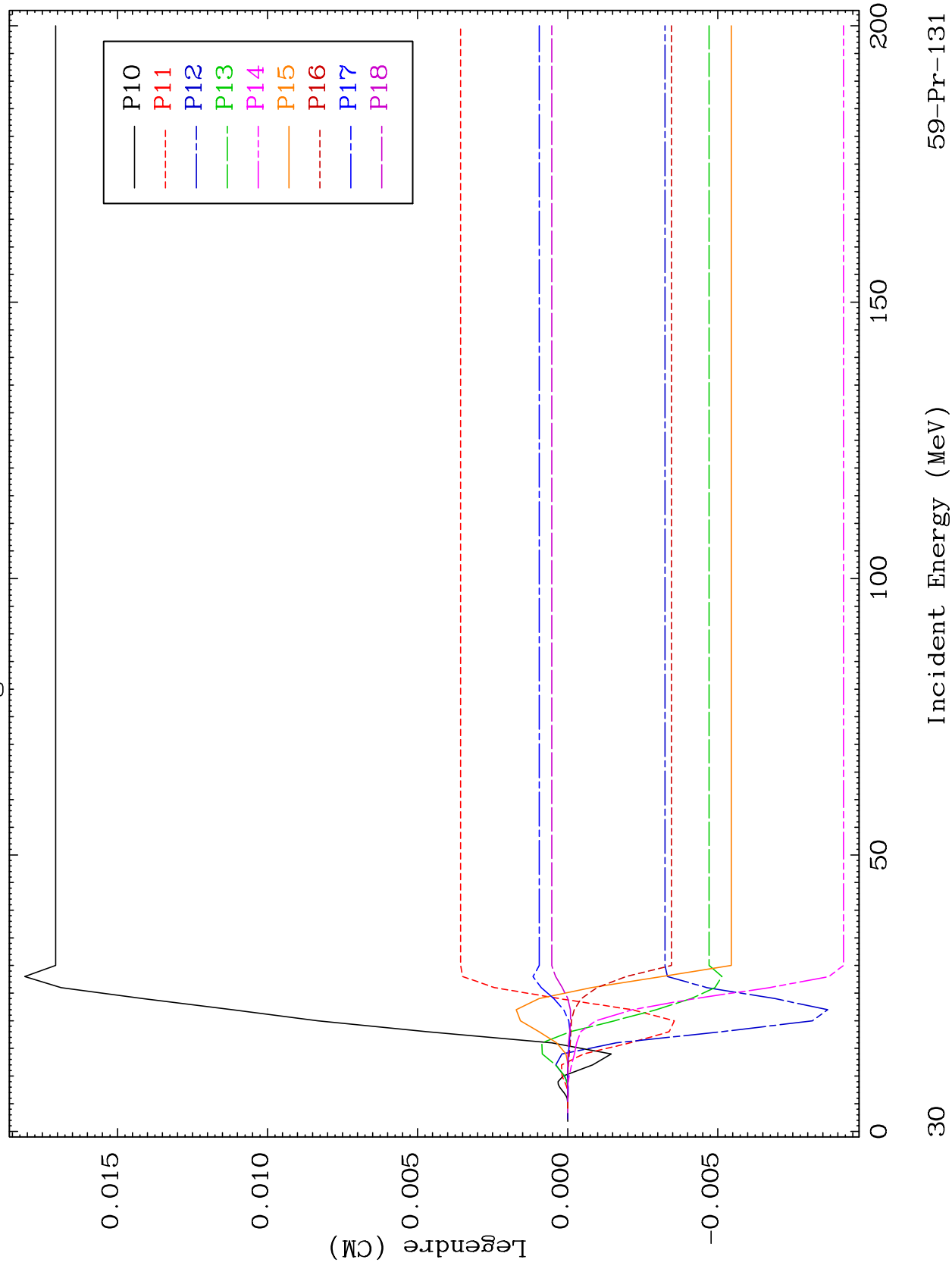
59-Pr-131



MAT 5895

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

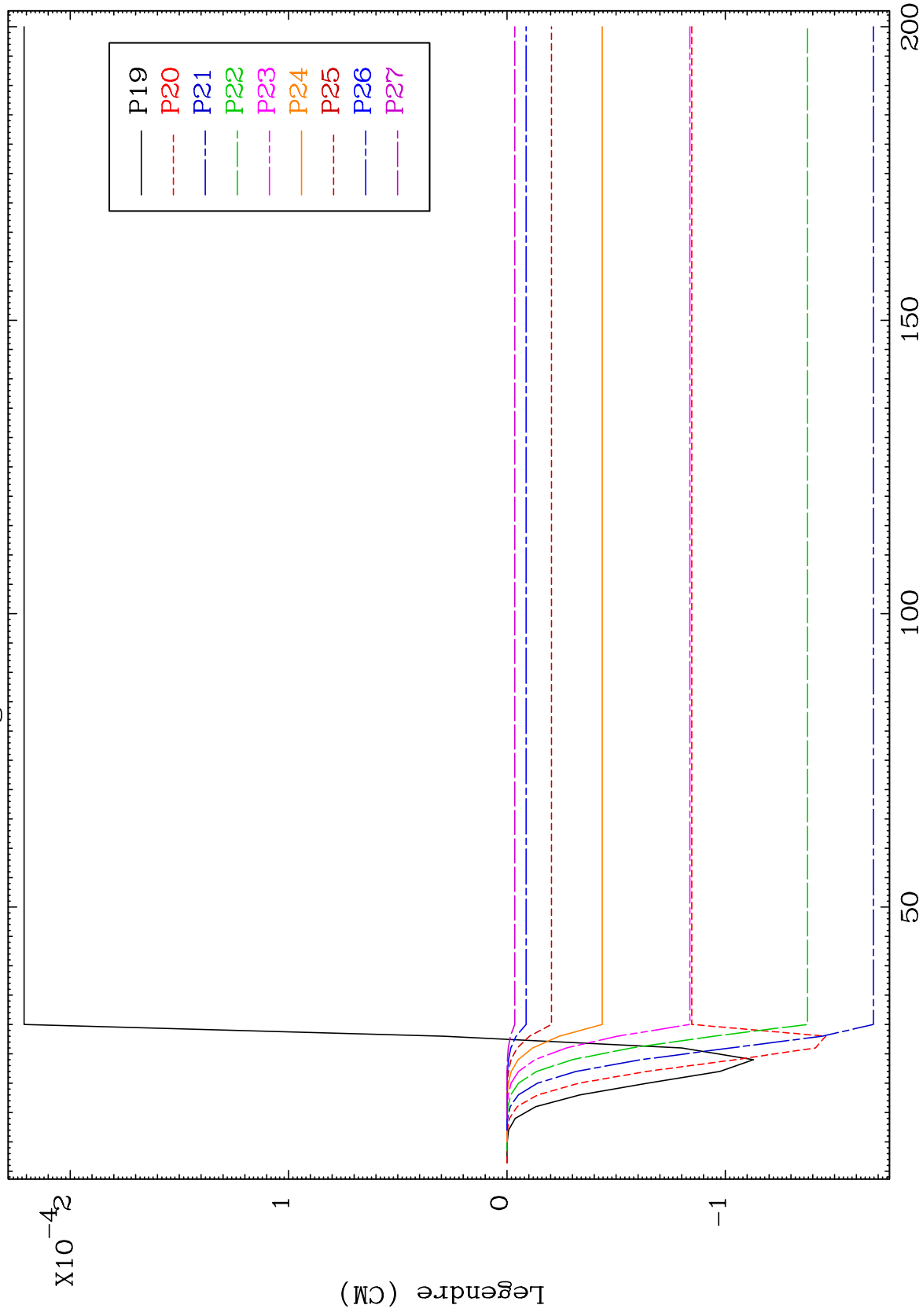
59-Pr-131



MAT 5895

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

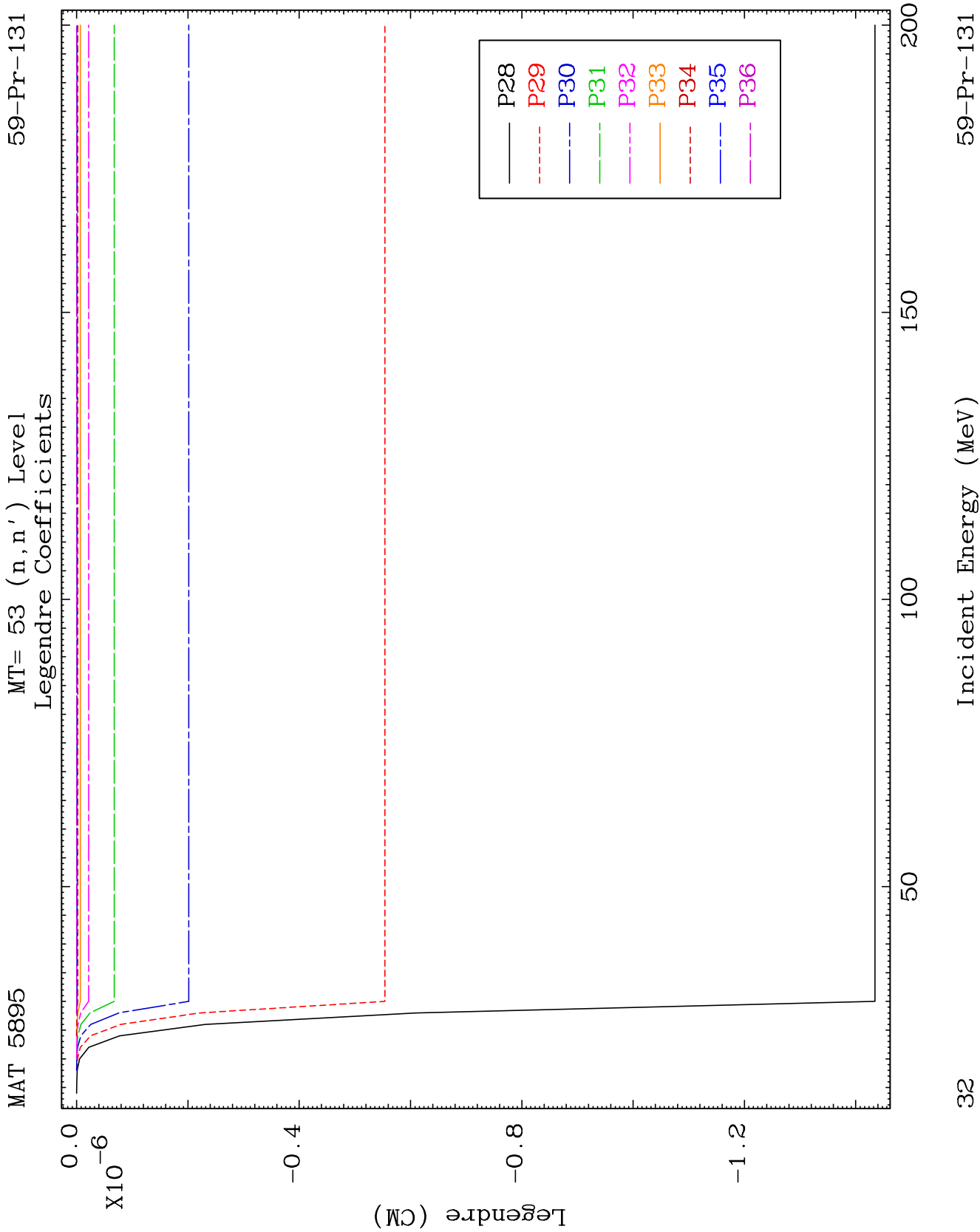
59-Pr-131



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Incident Energy (MeV)

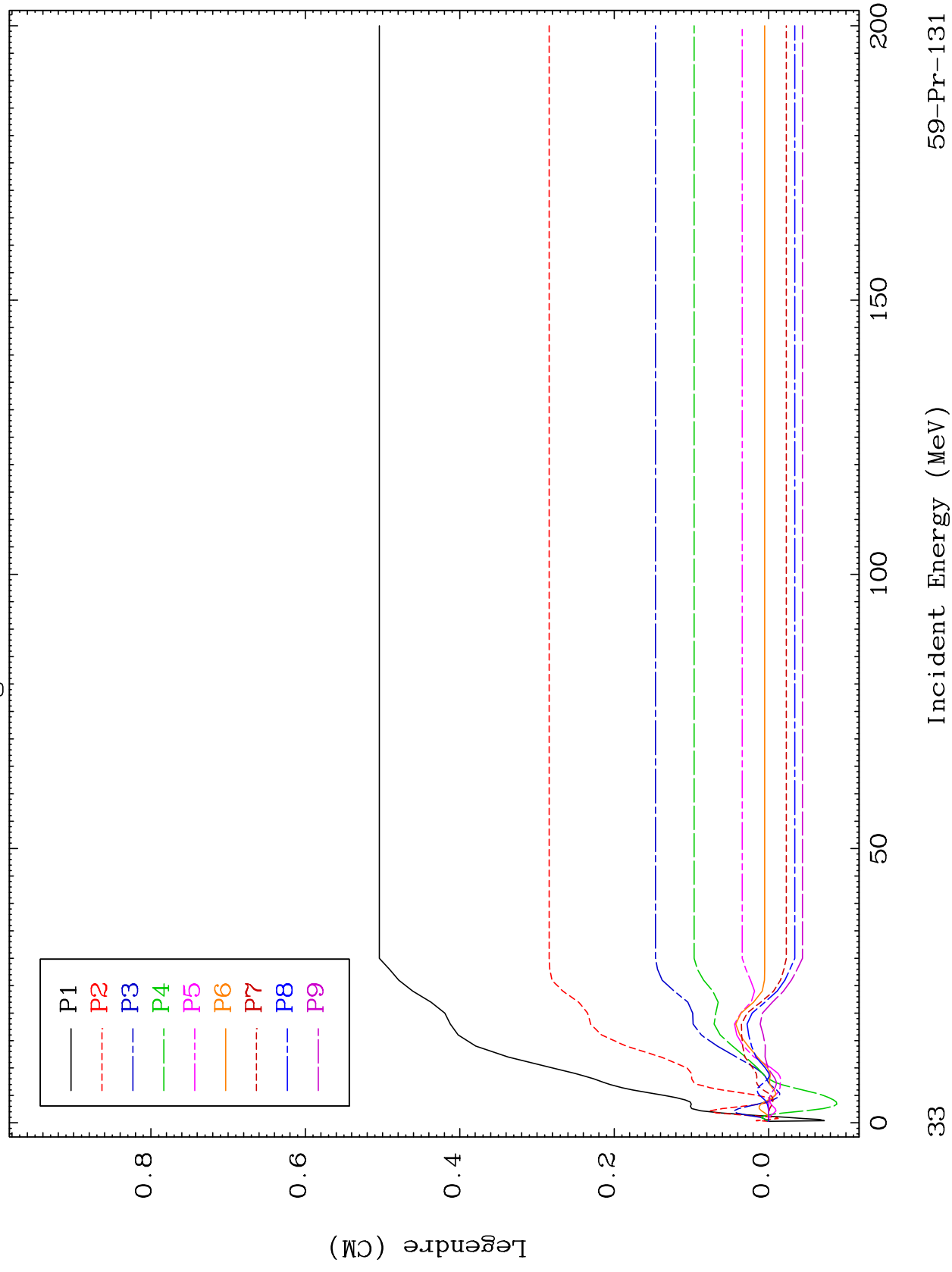
59-Pr-131

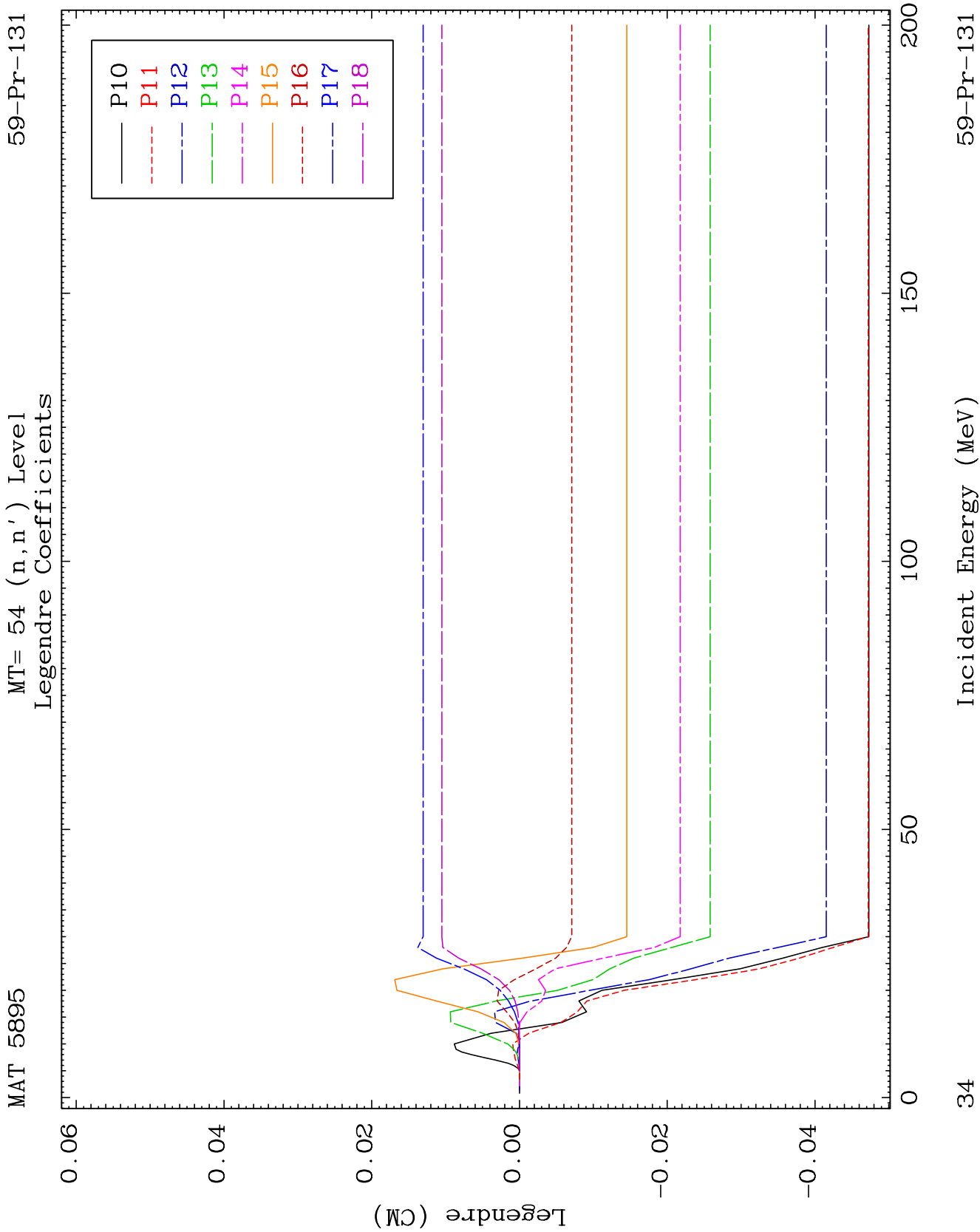


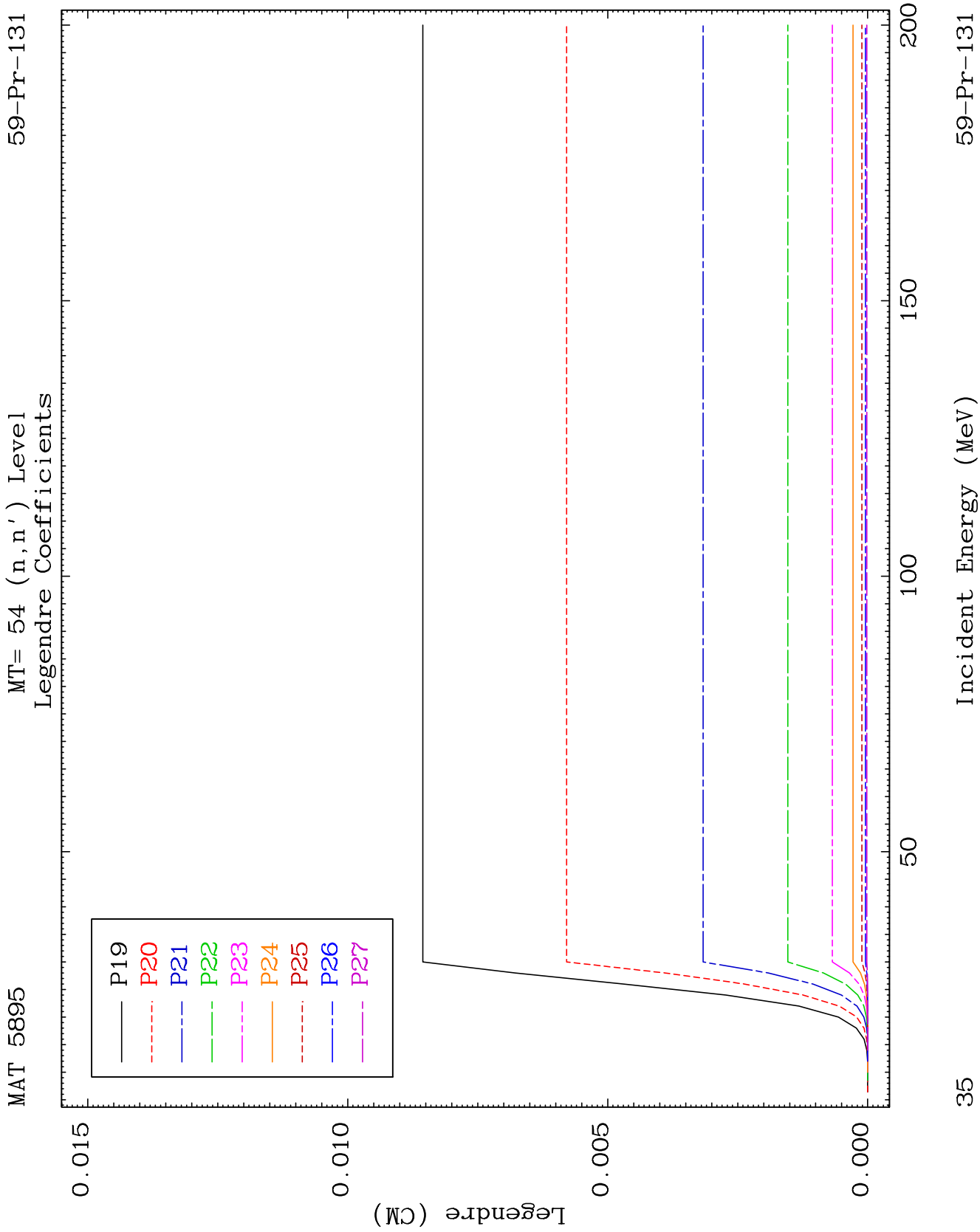
MAT 5895

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

59-Pr-131



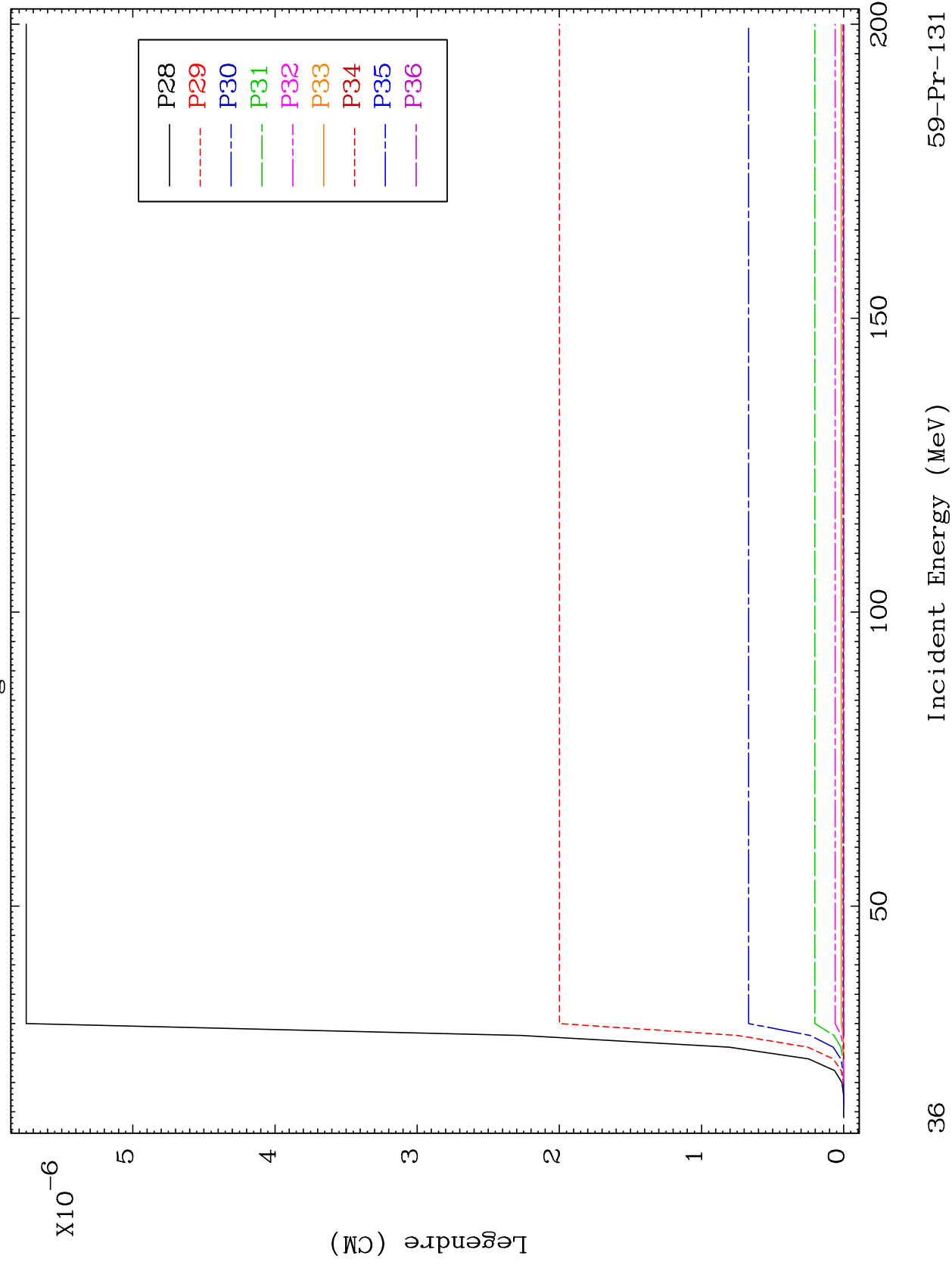


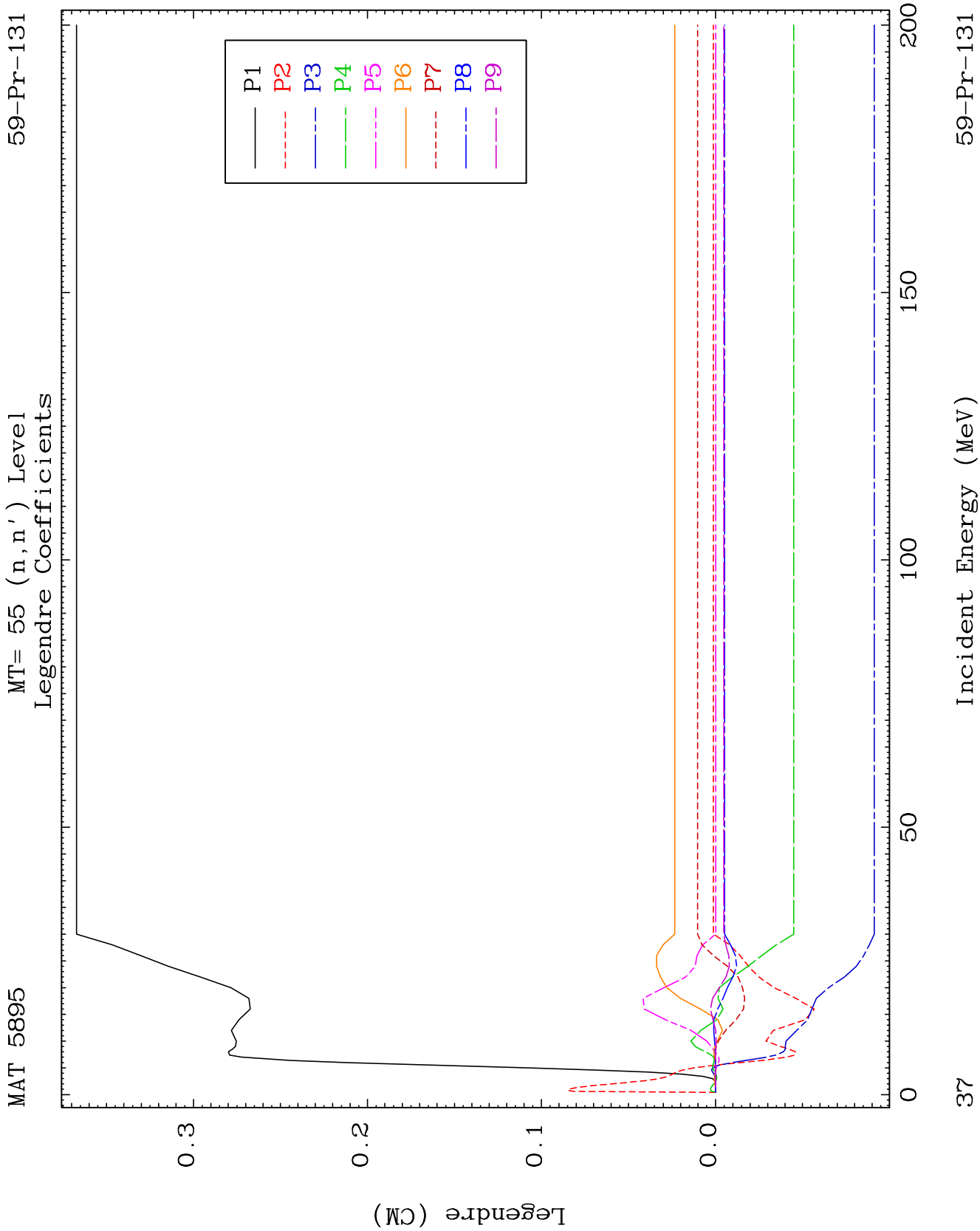


MAT 5895

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

59-Pr-131

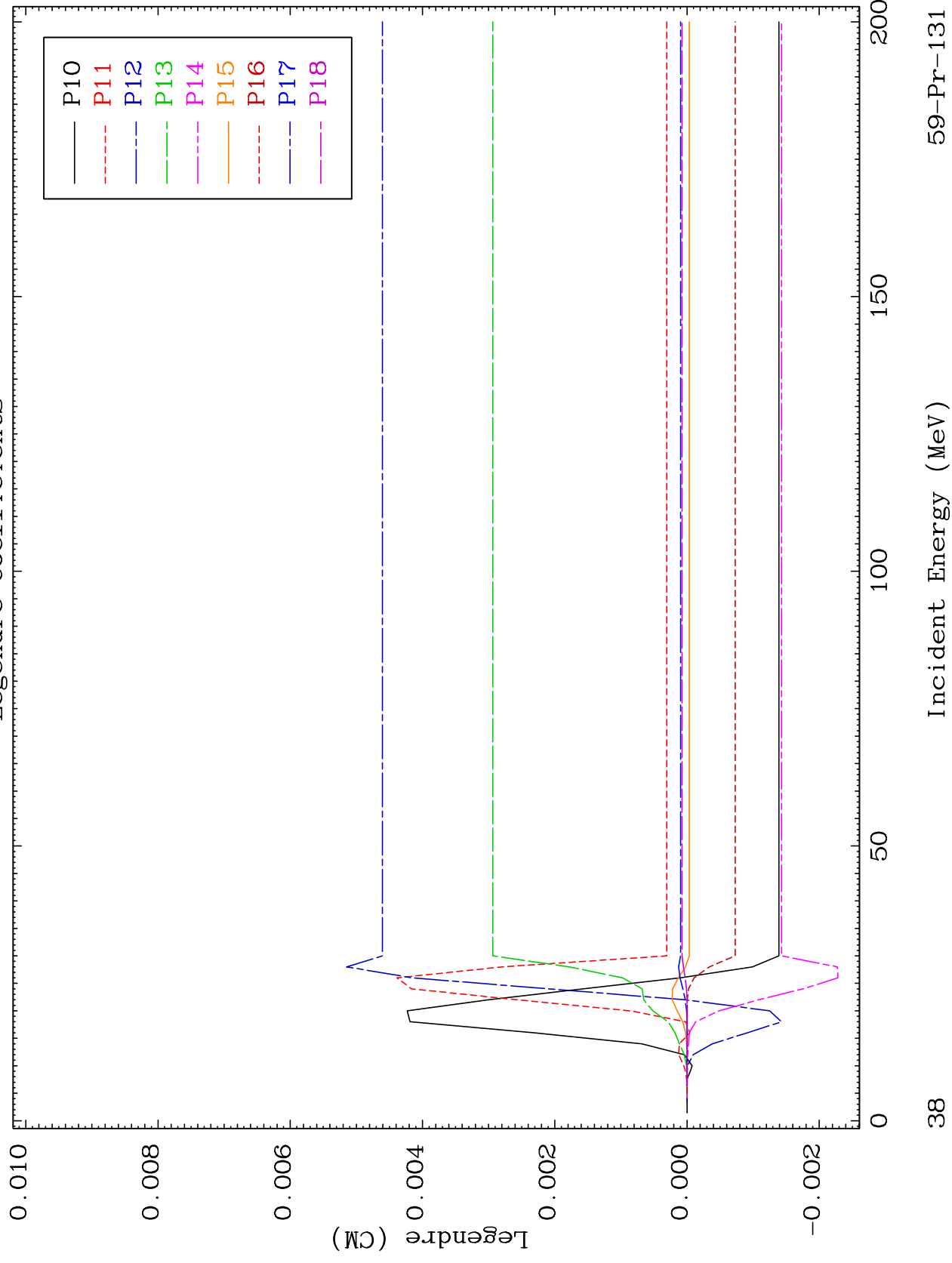


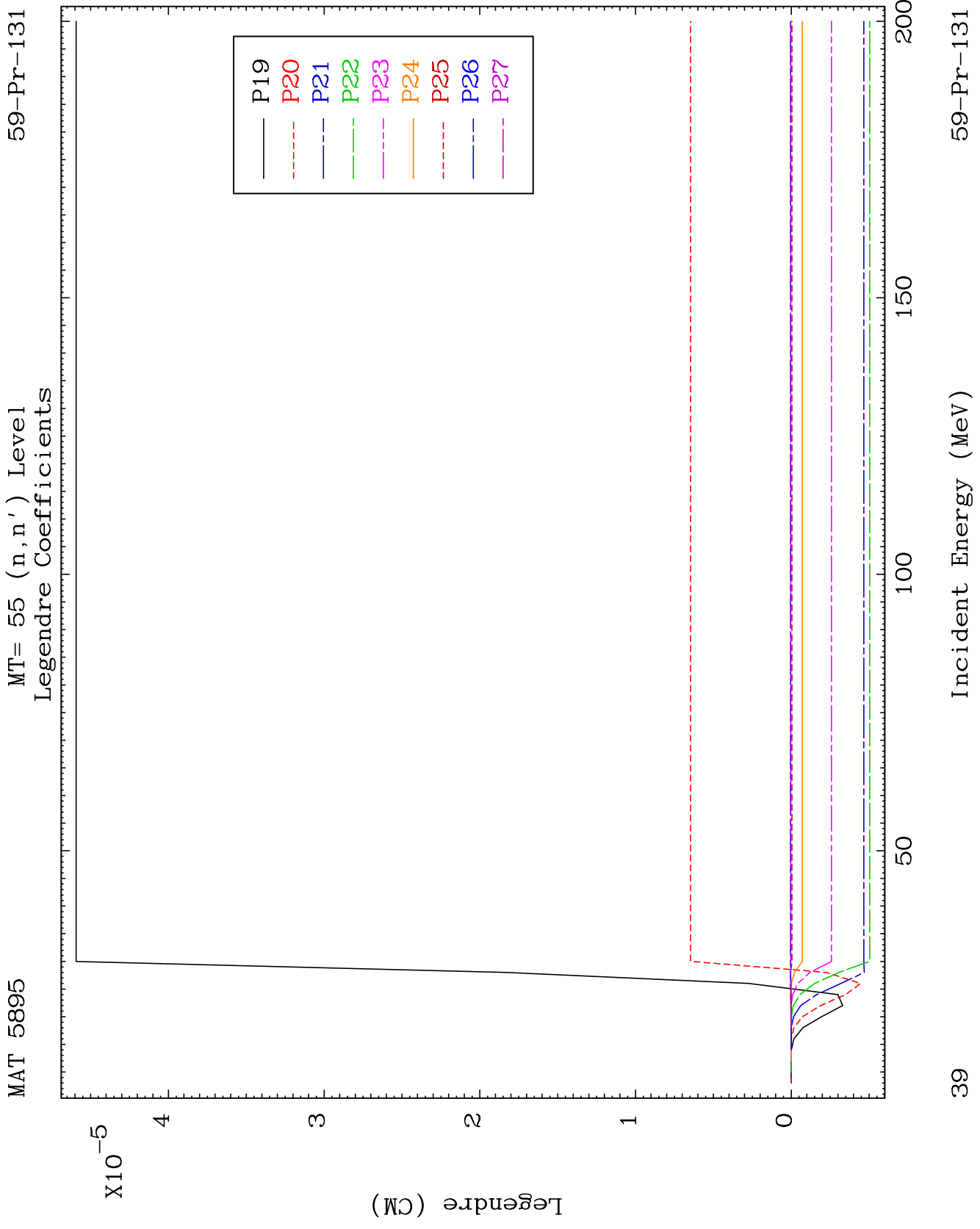


MAT 5895

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

59-Pr-131

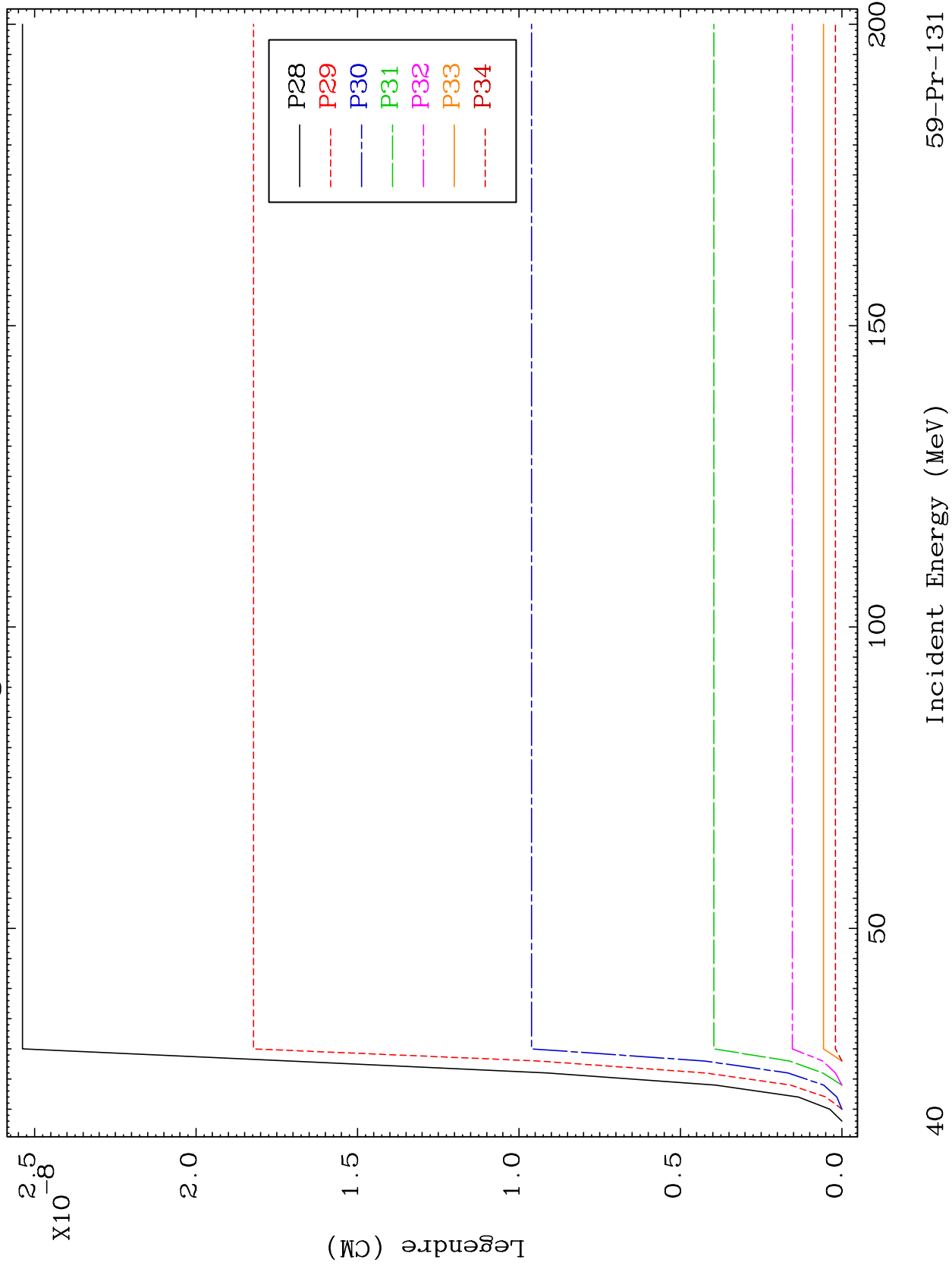




MAT 5895

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

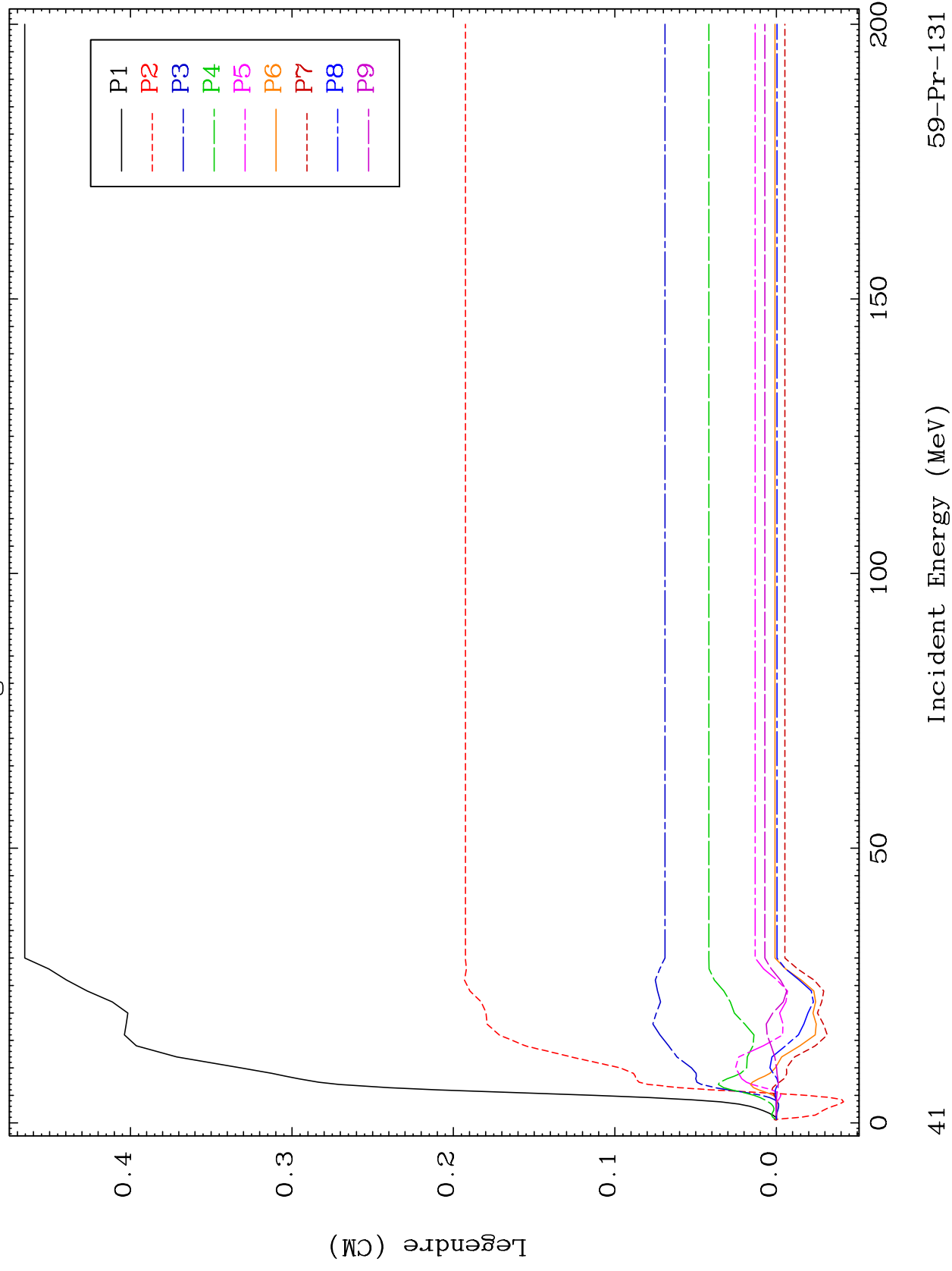
59-Pr-131



MAT 5895

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

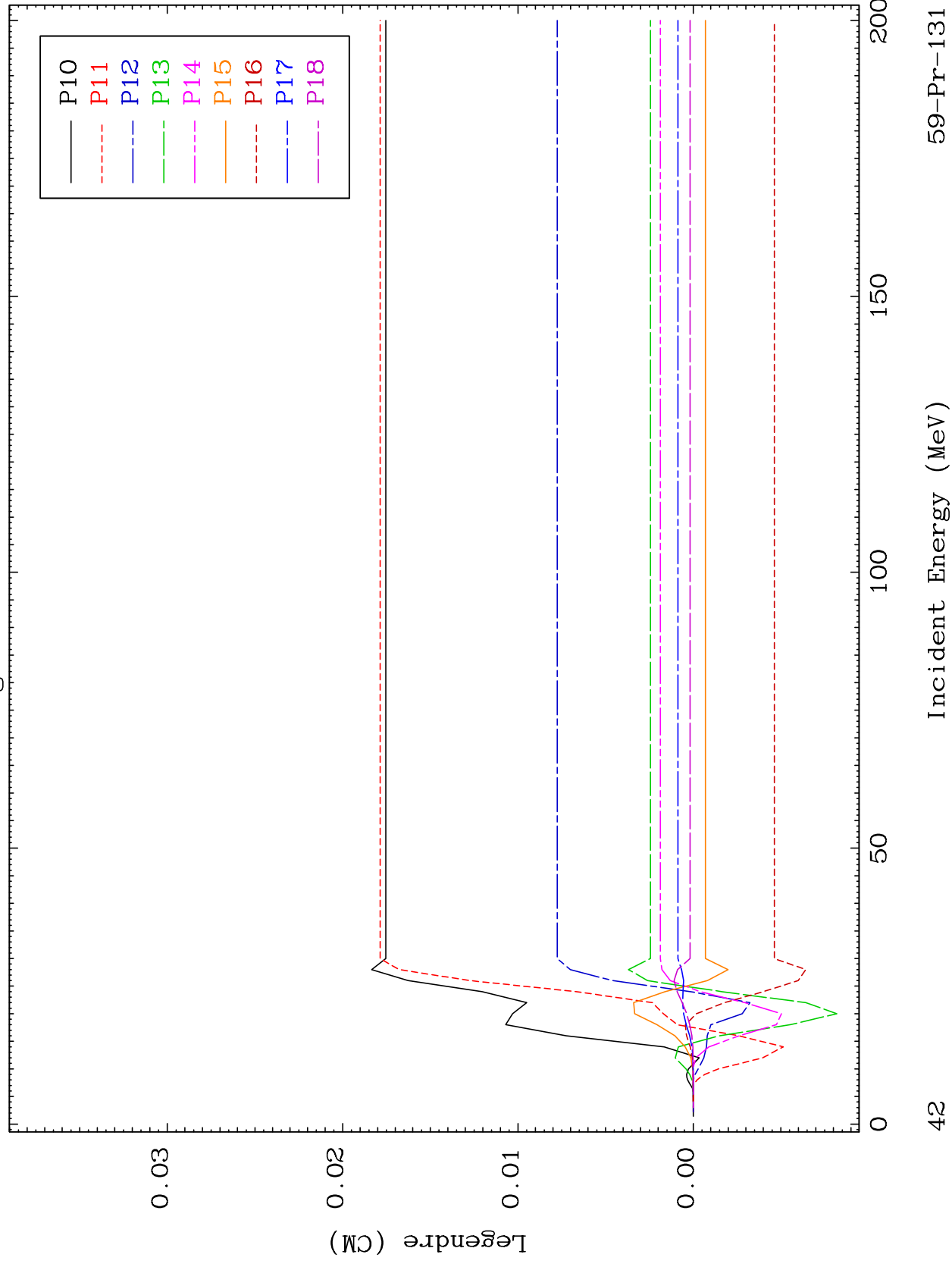
59-Pr-131

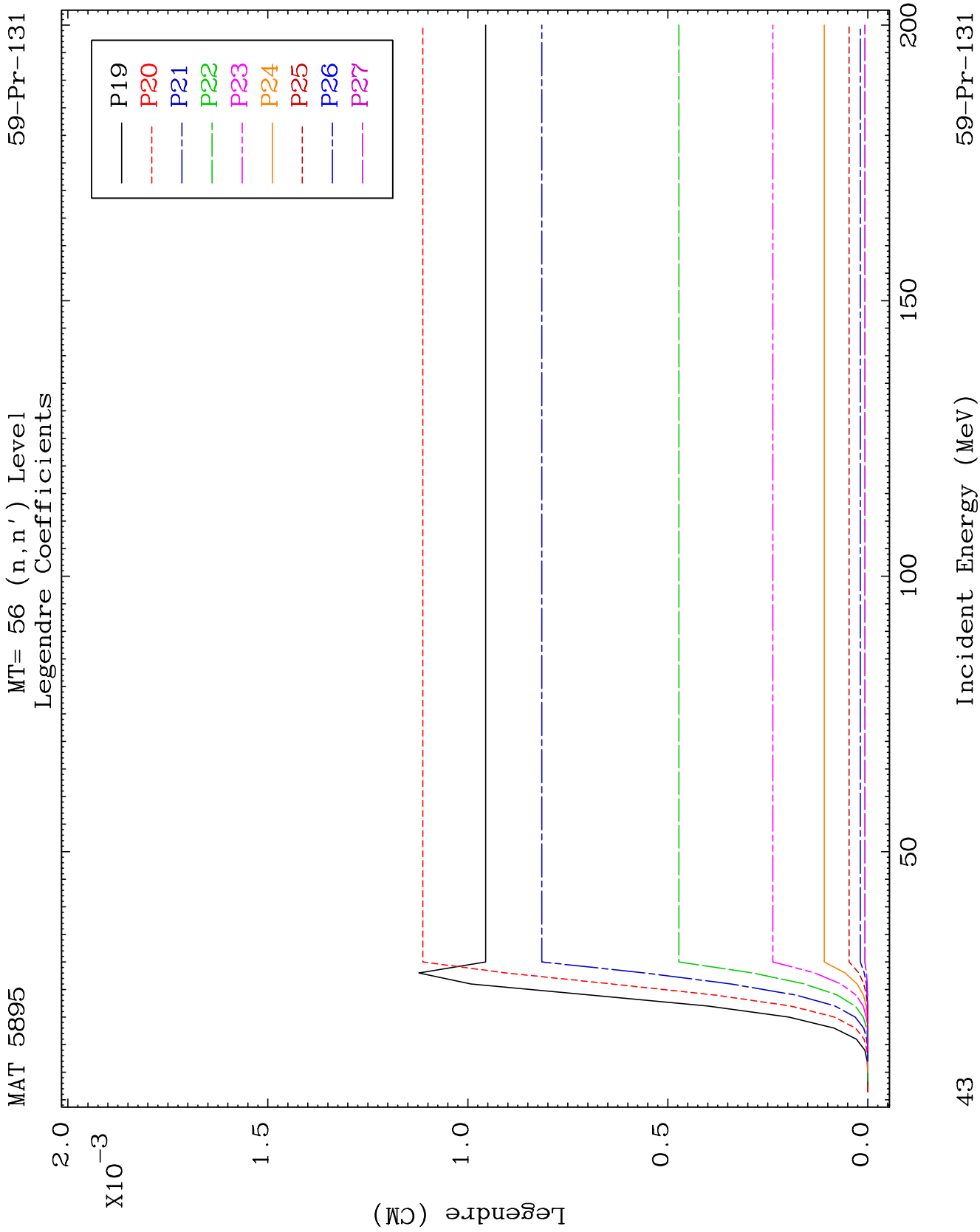


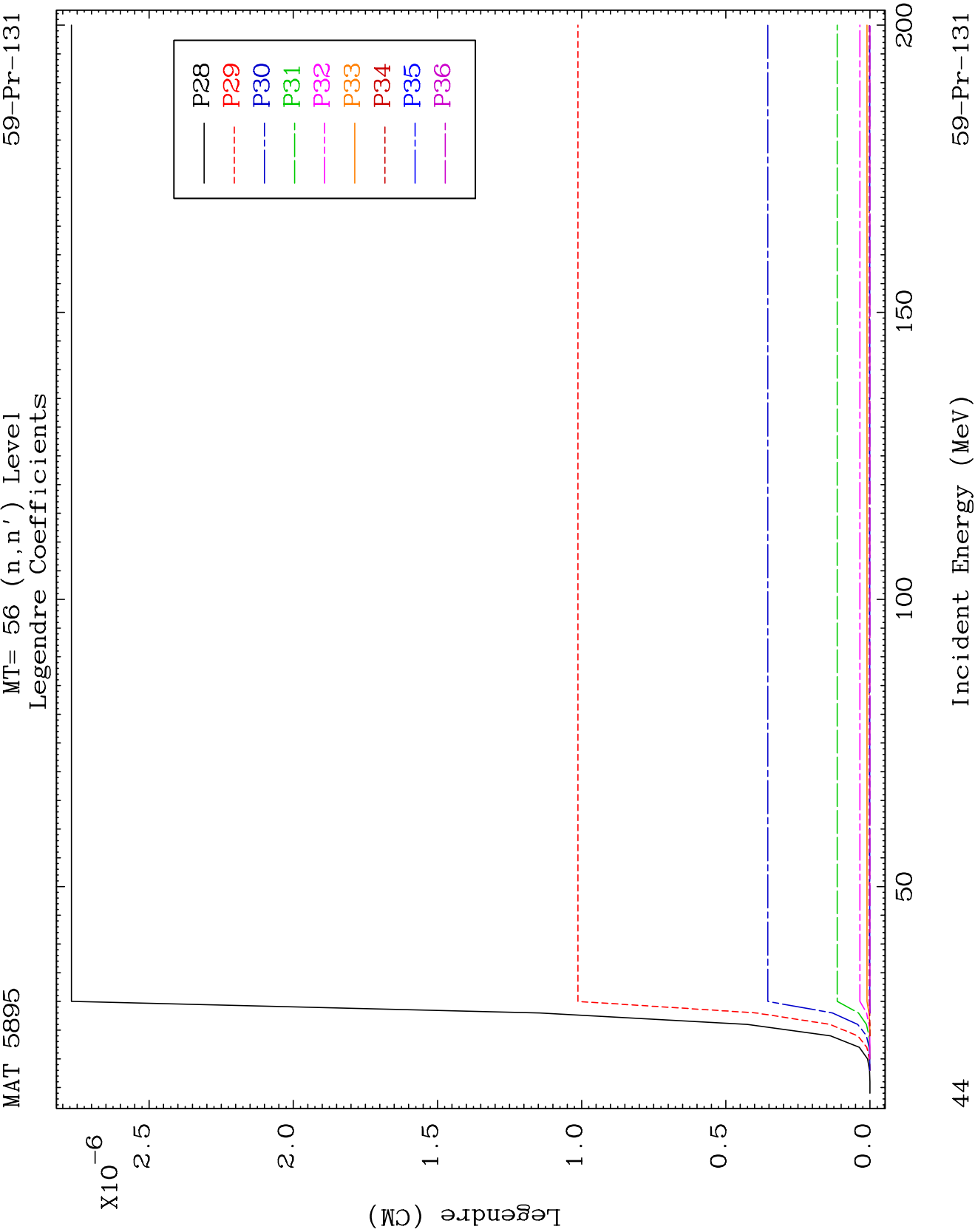
MAT 5895

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

59-Pr-131



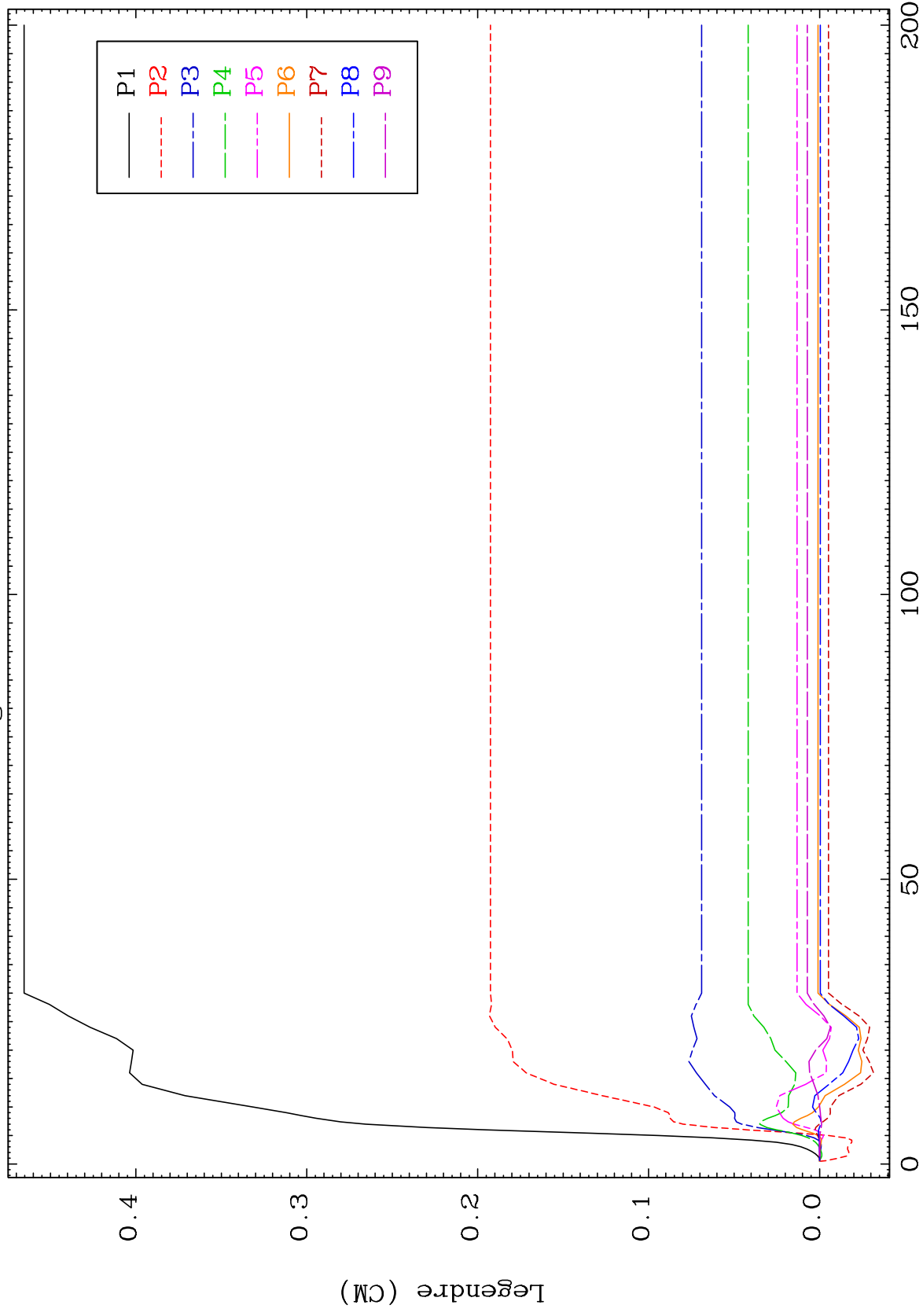




MAT 5895

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

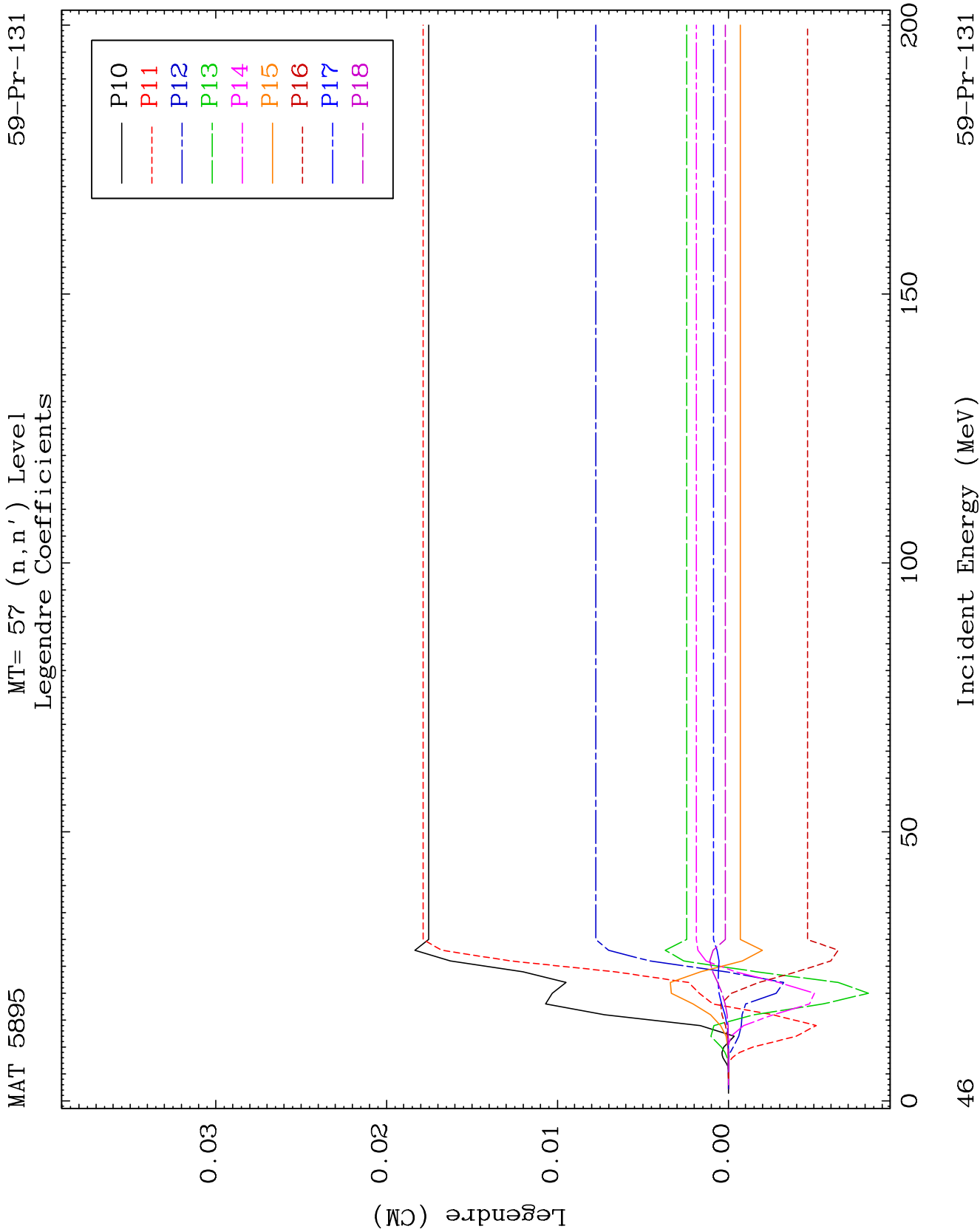
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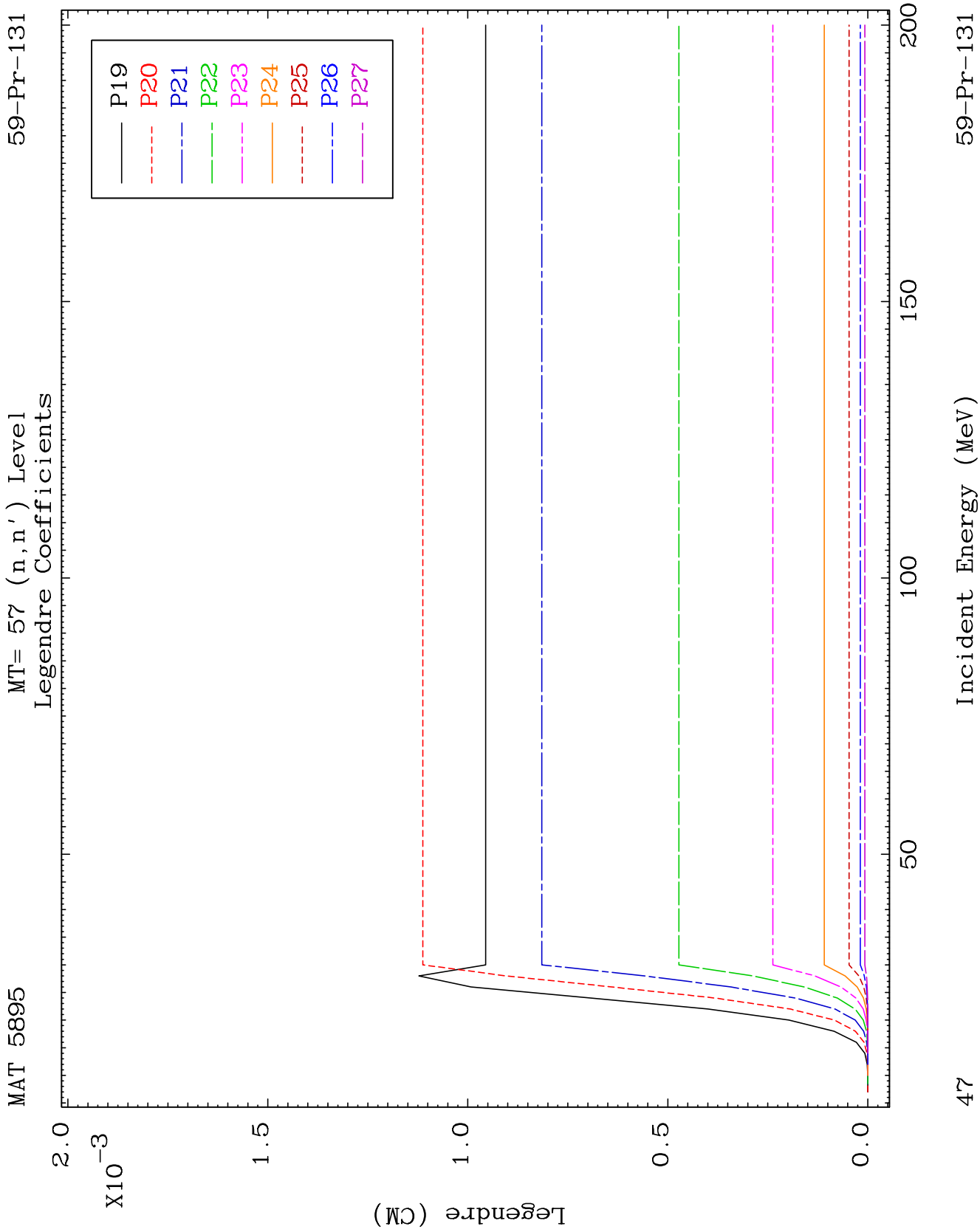


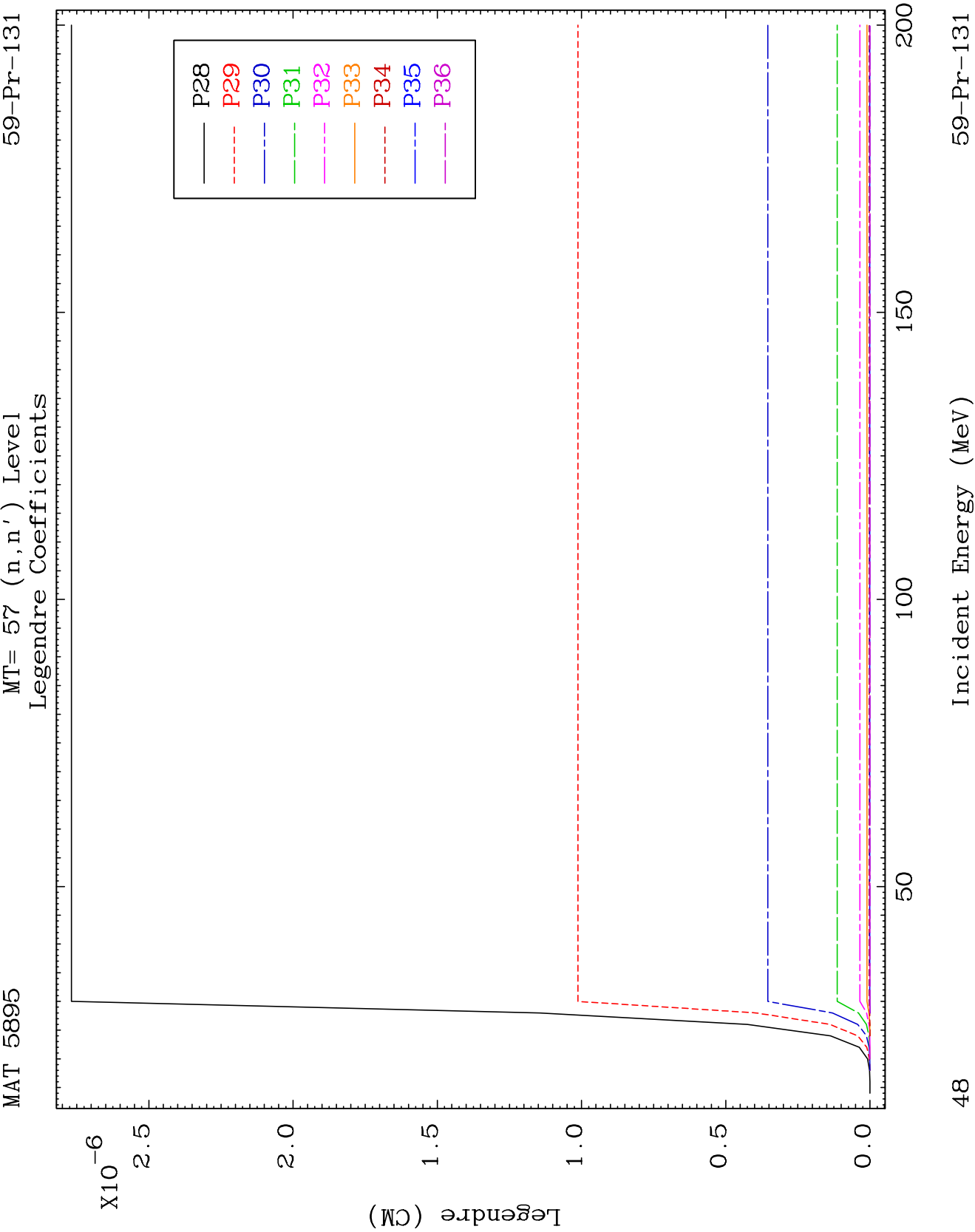
59-Pr-131

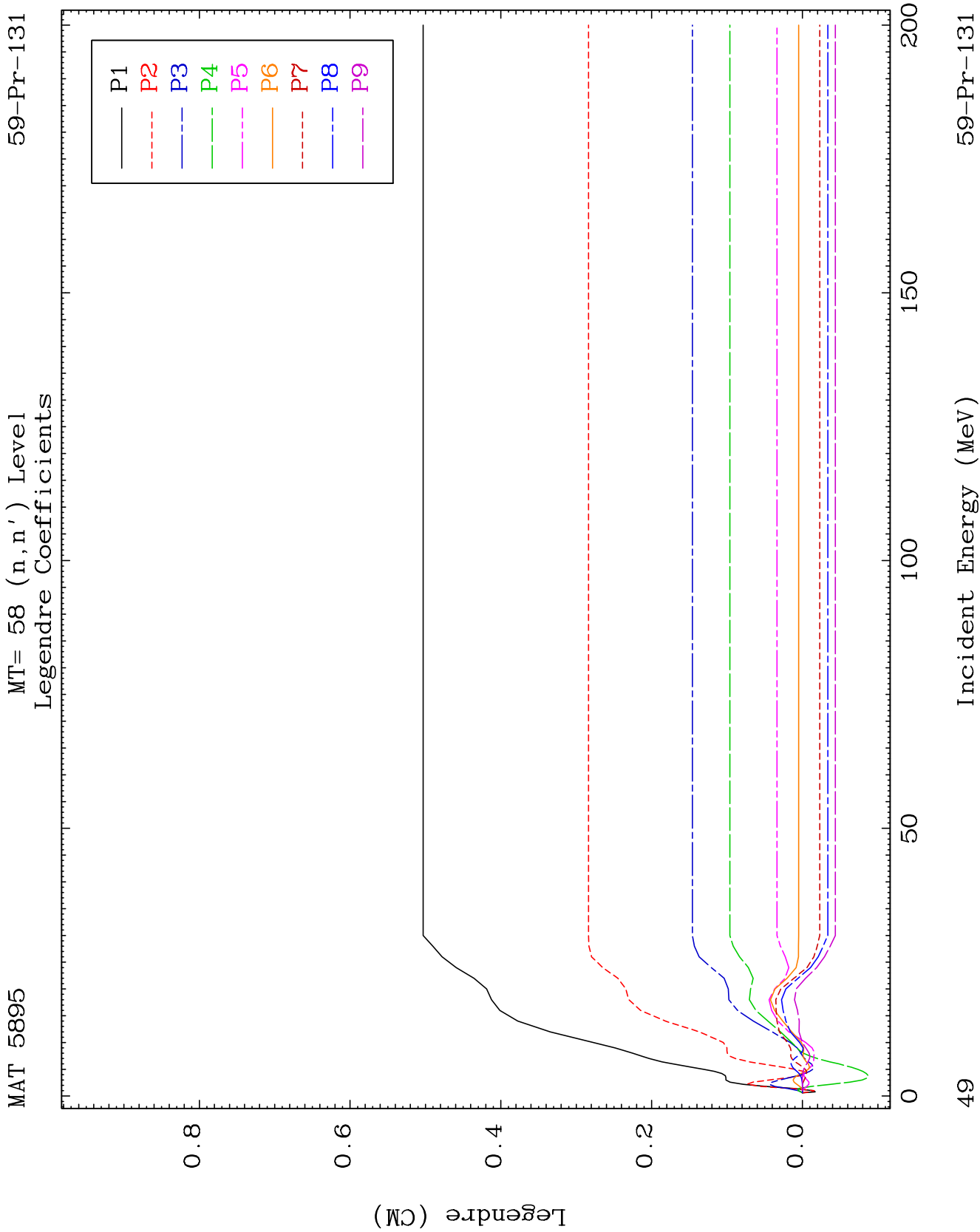
Incident Energy (MeV)

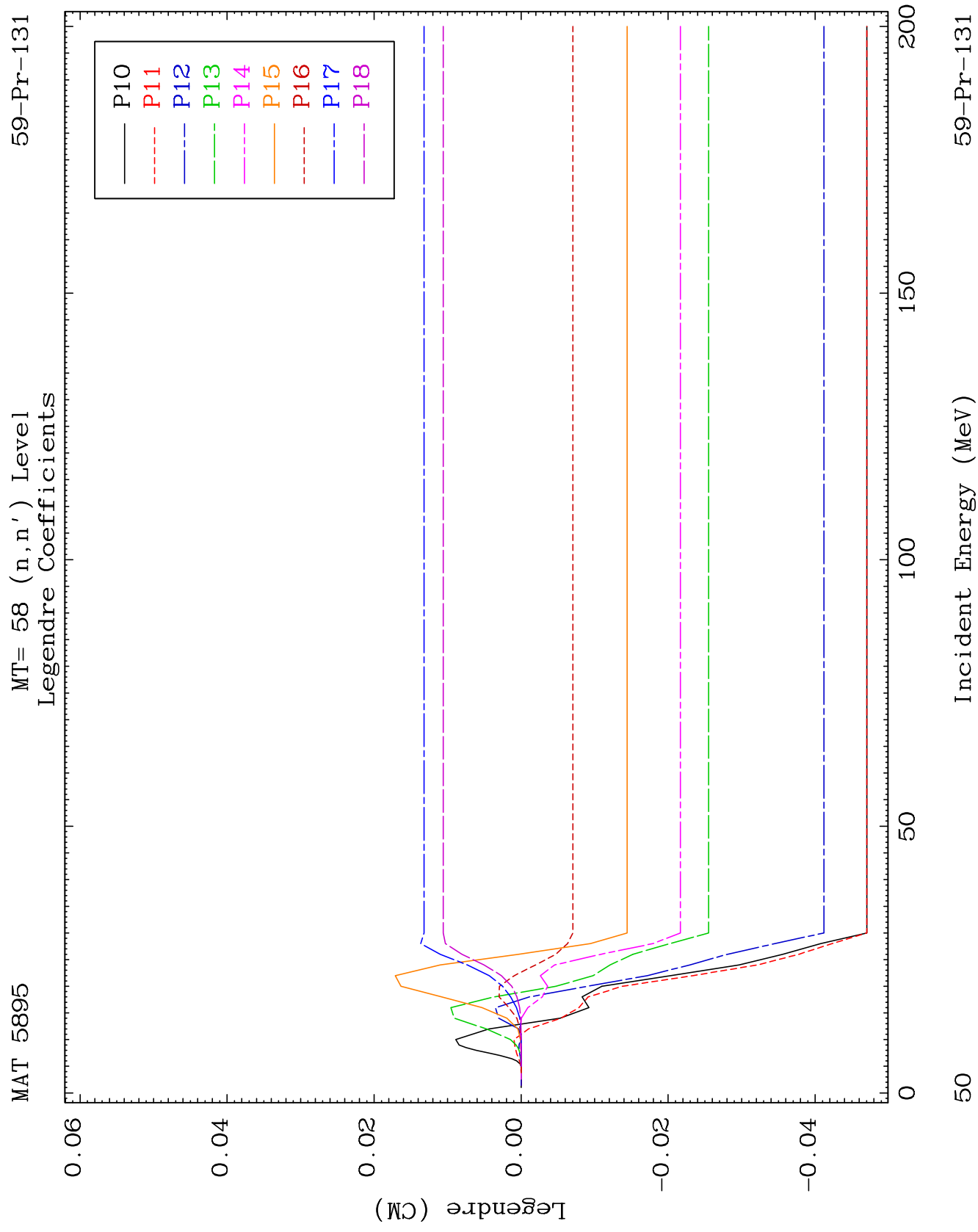
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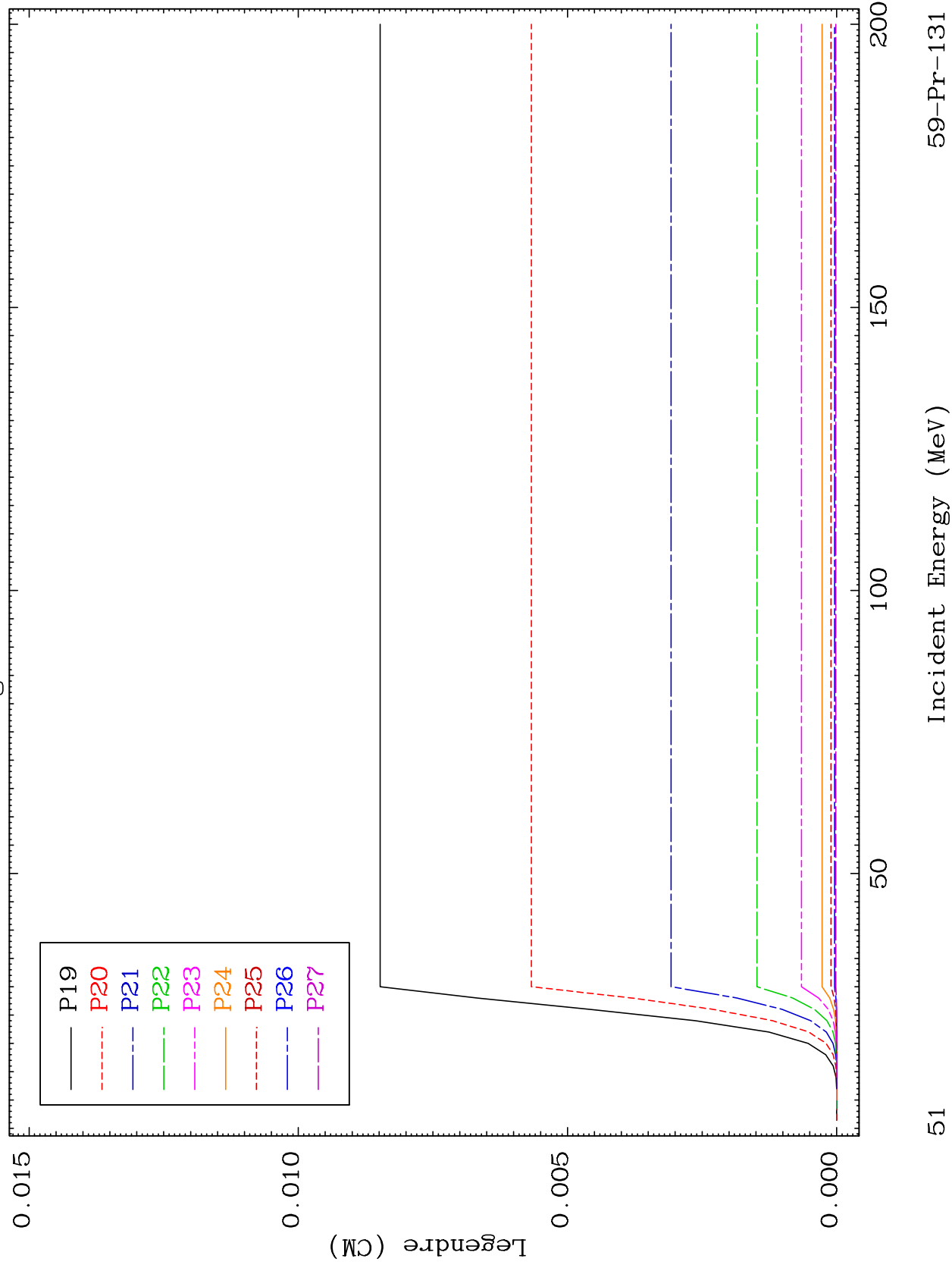


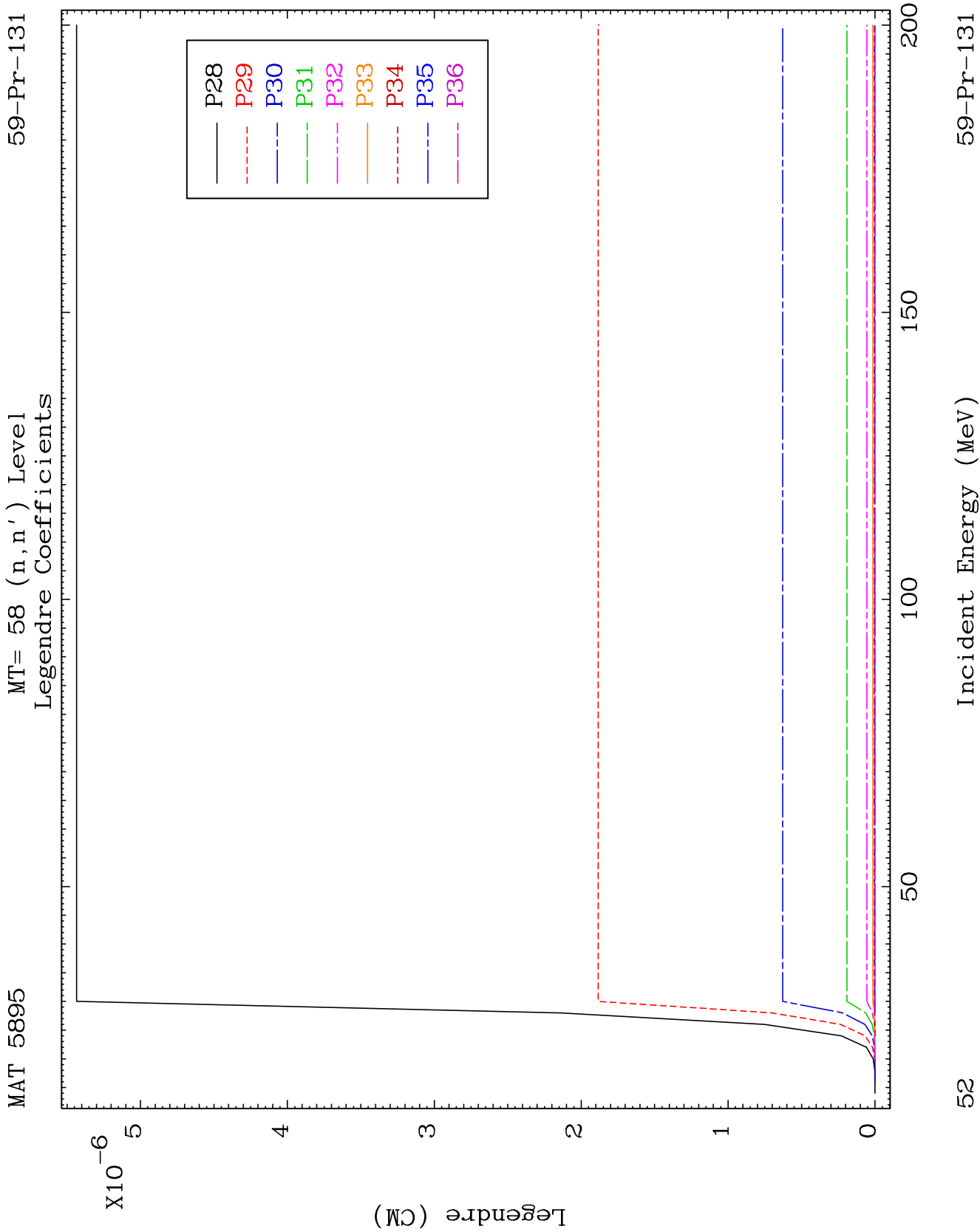


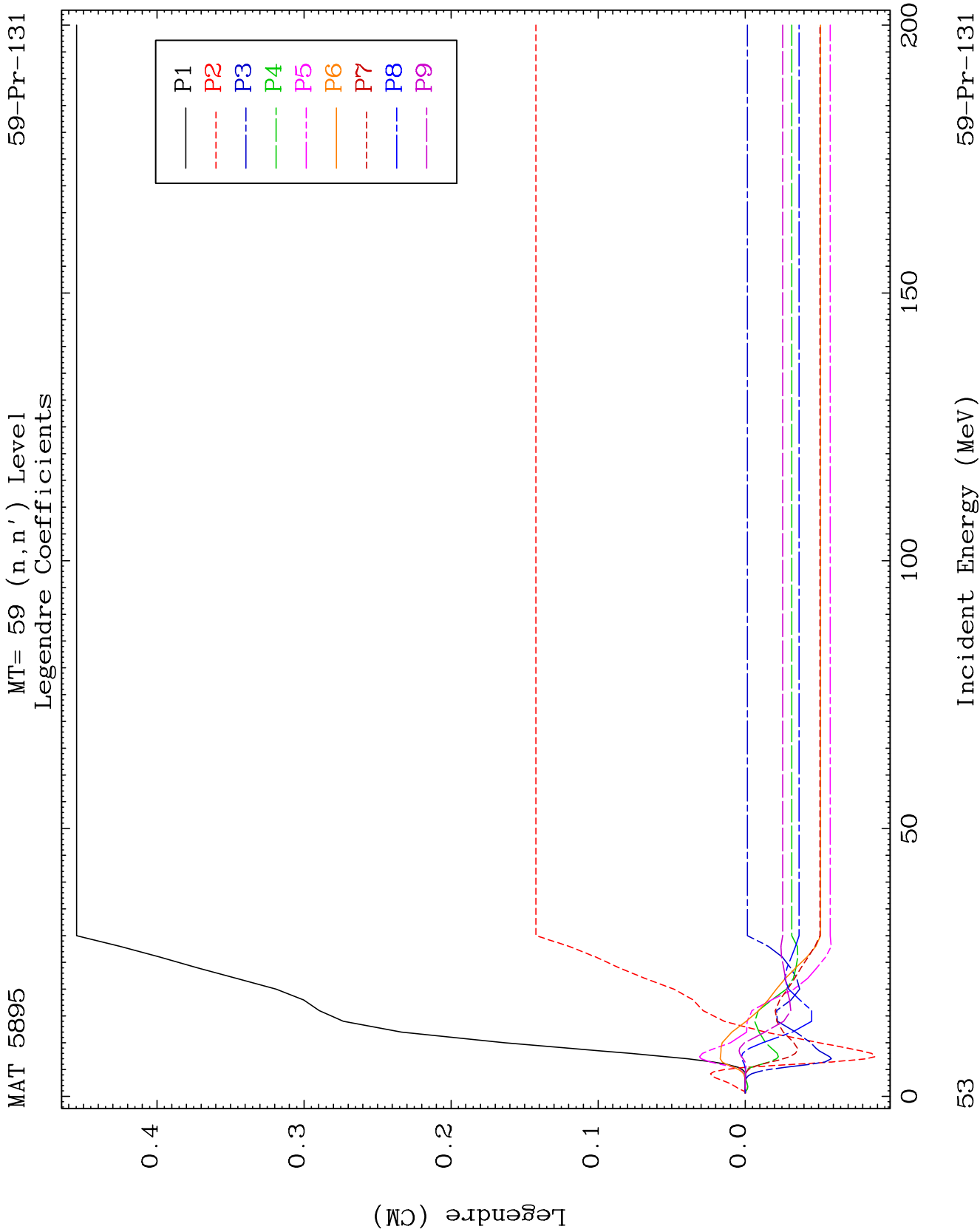
MAT 5895

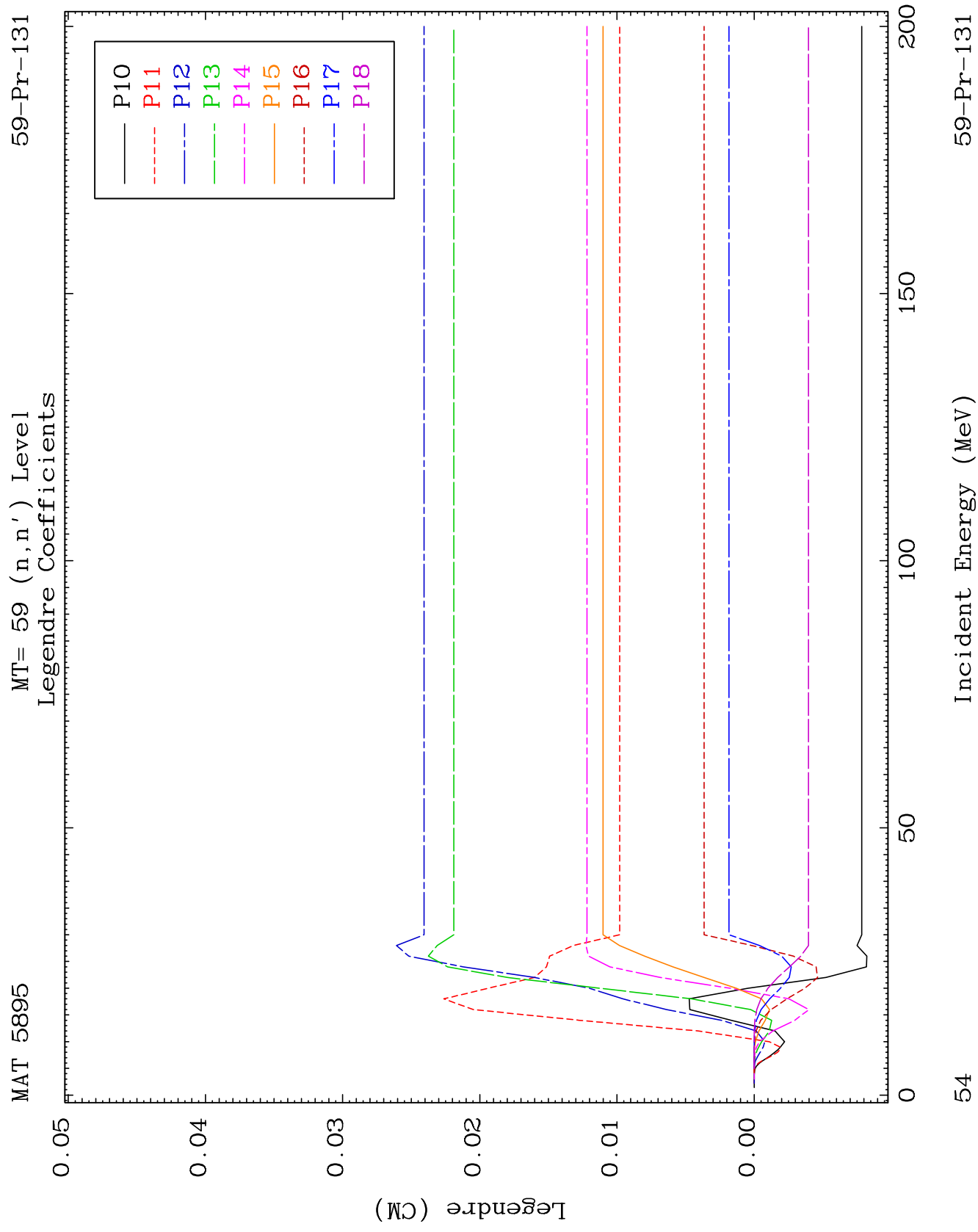
MT= 58 (n, n') Level
Legendre Coefficients

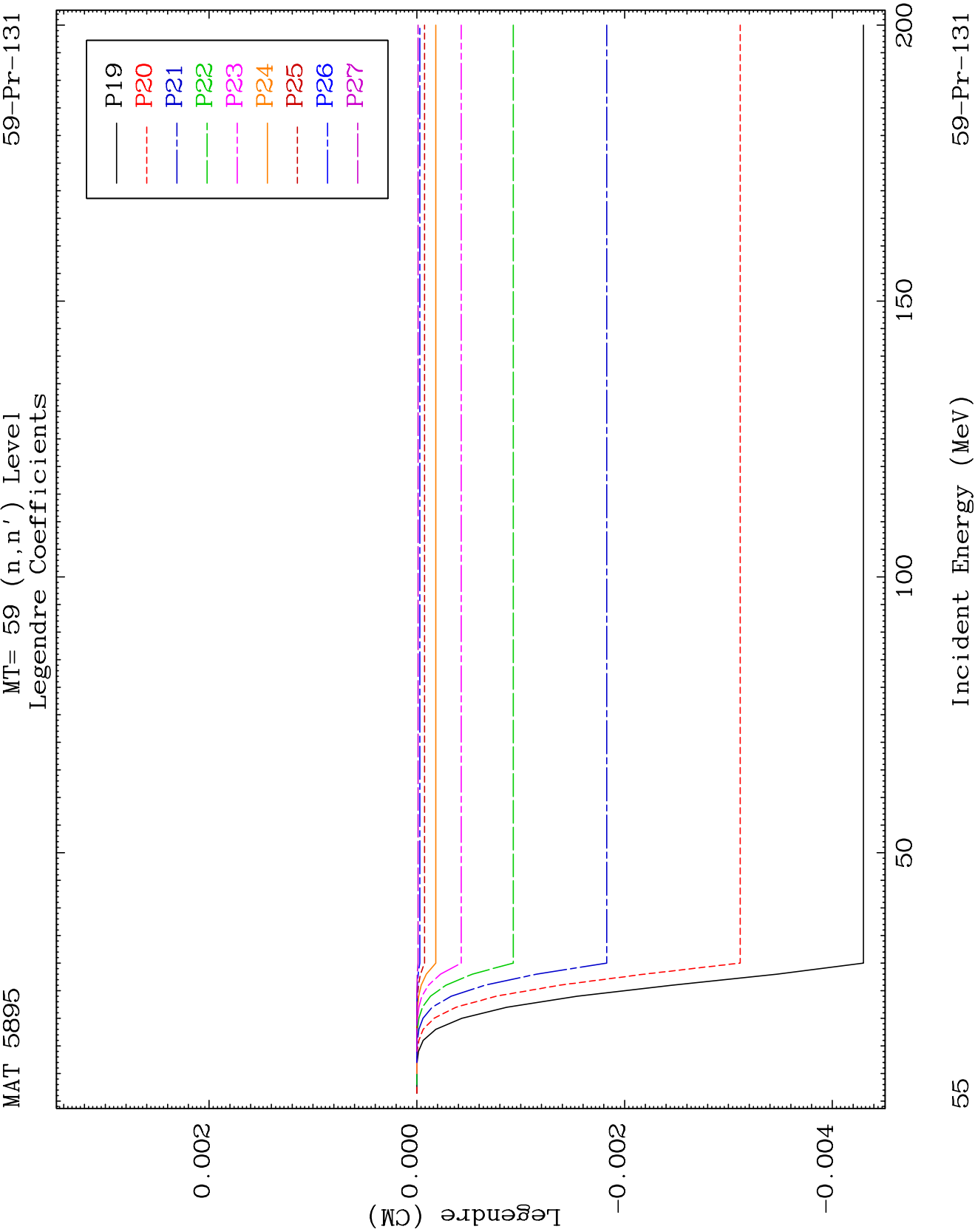
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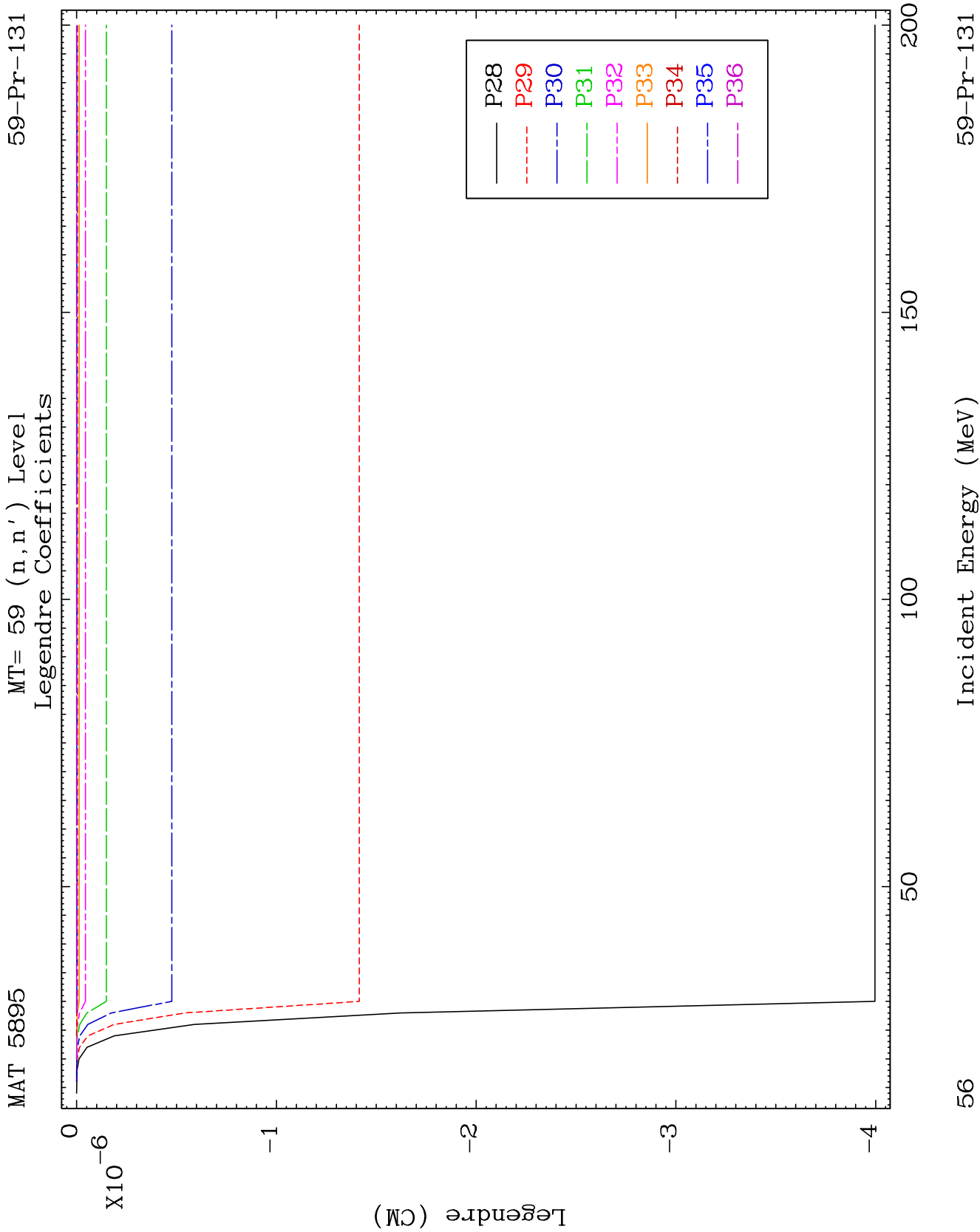








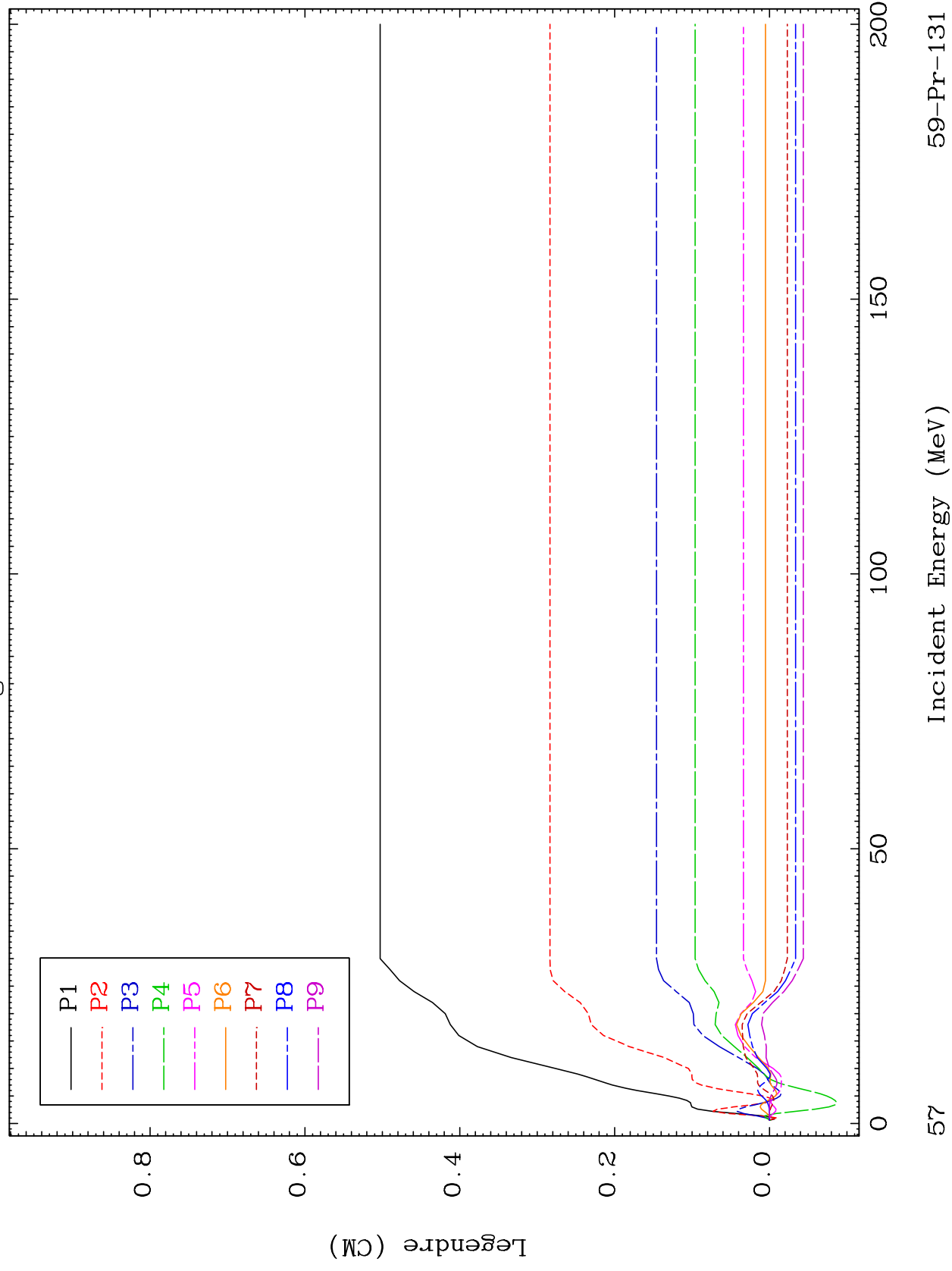


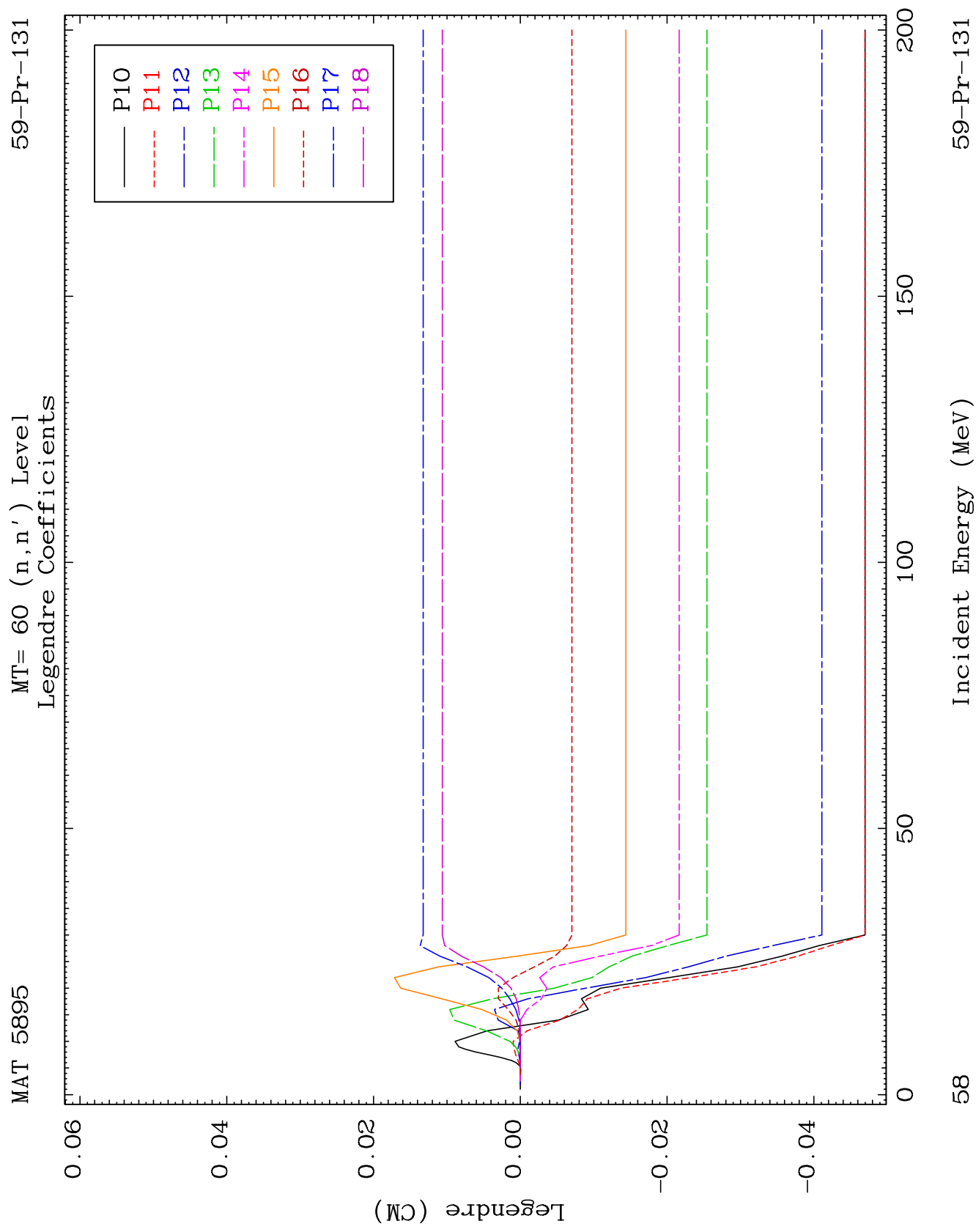


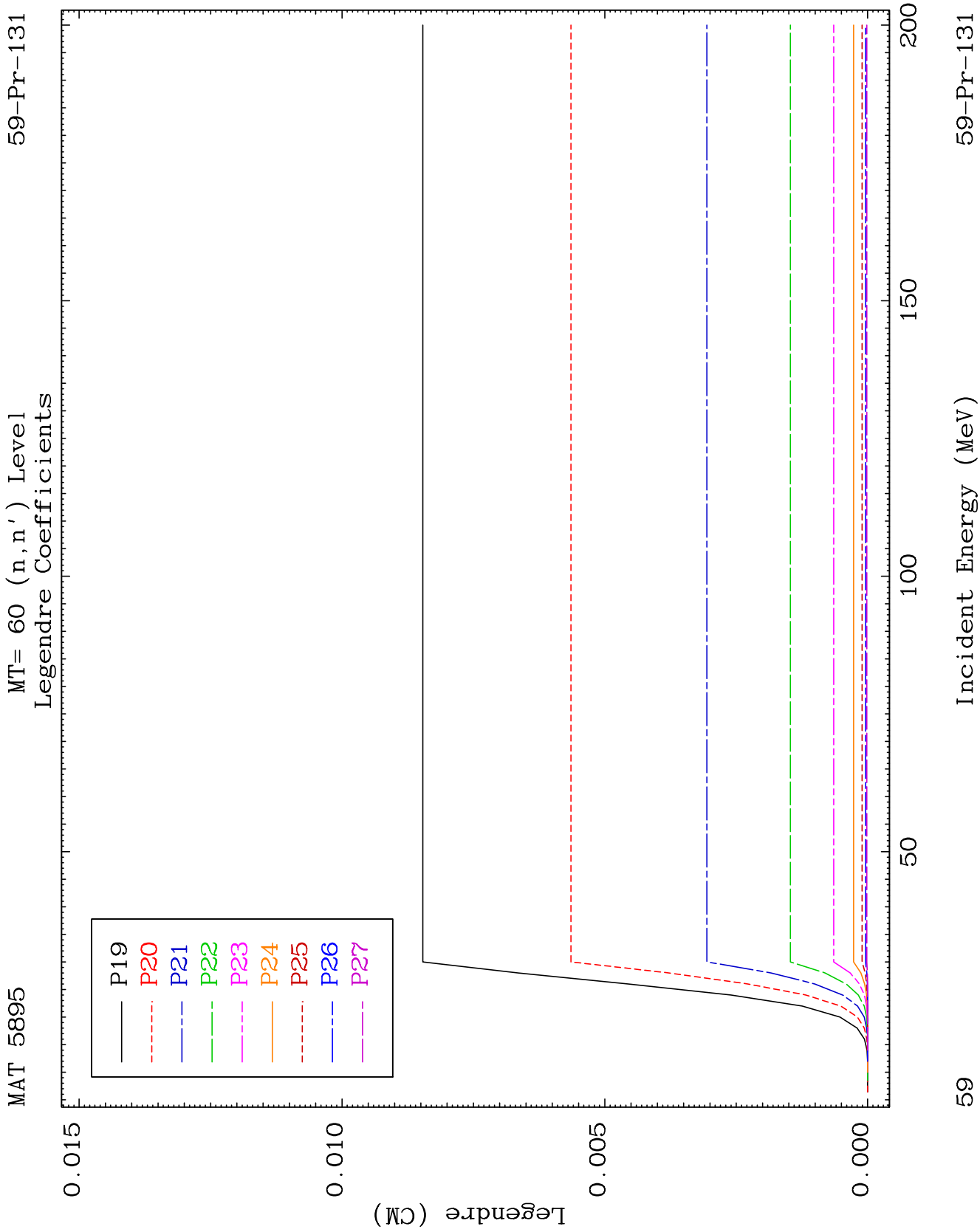
MAT 5895

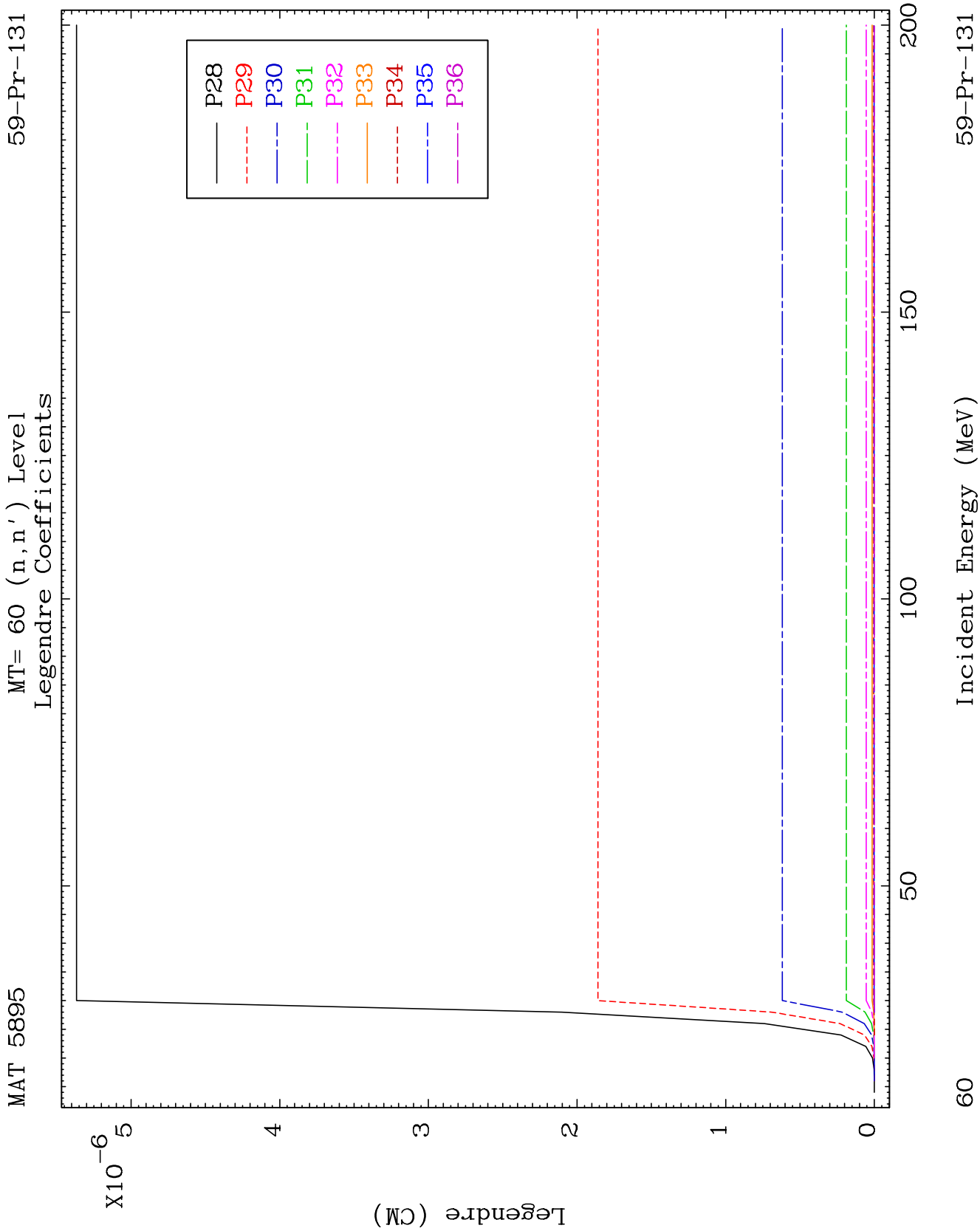
MT= 60 (n, n') Level
Legendre Coefficients

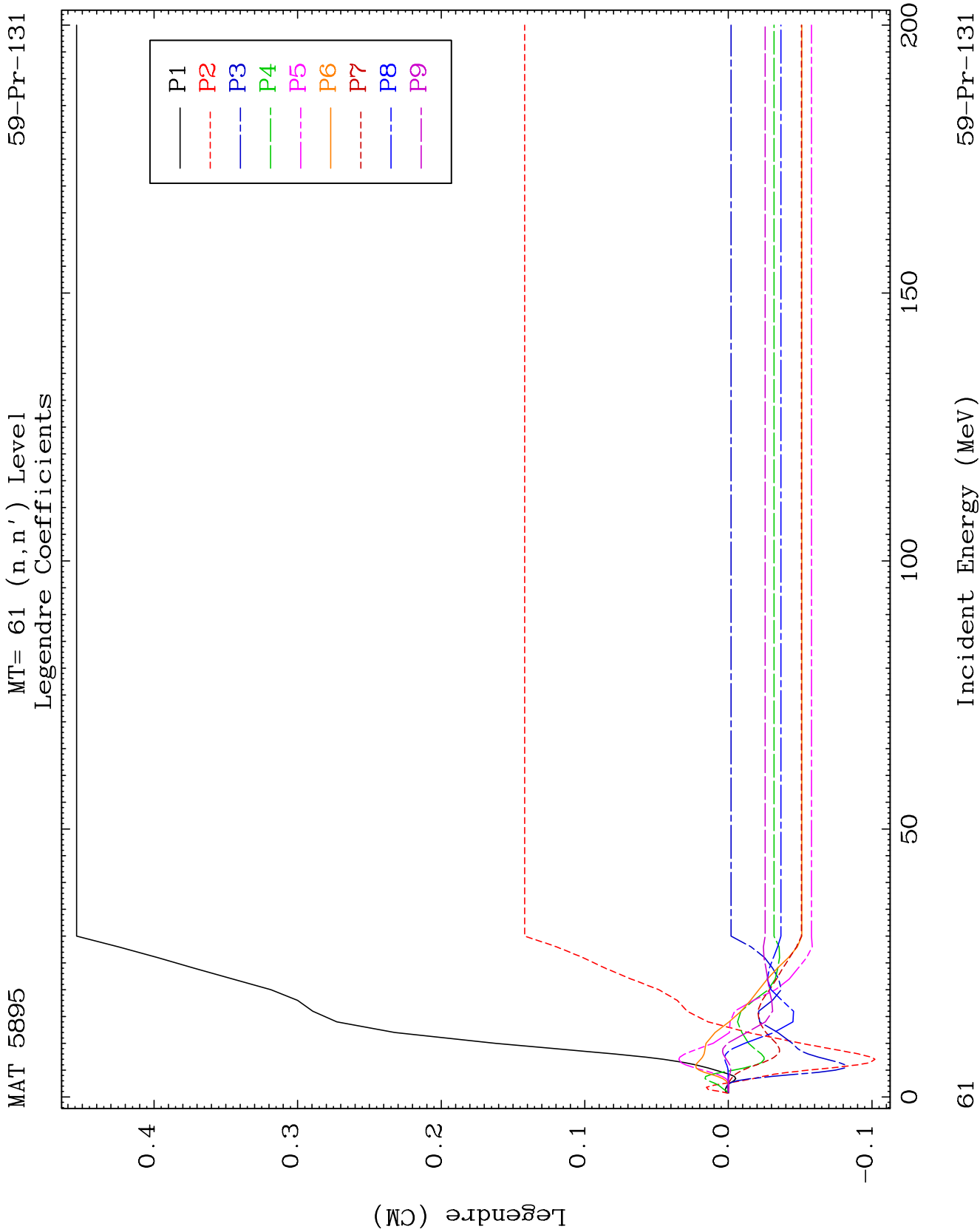
59-Pr-131







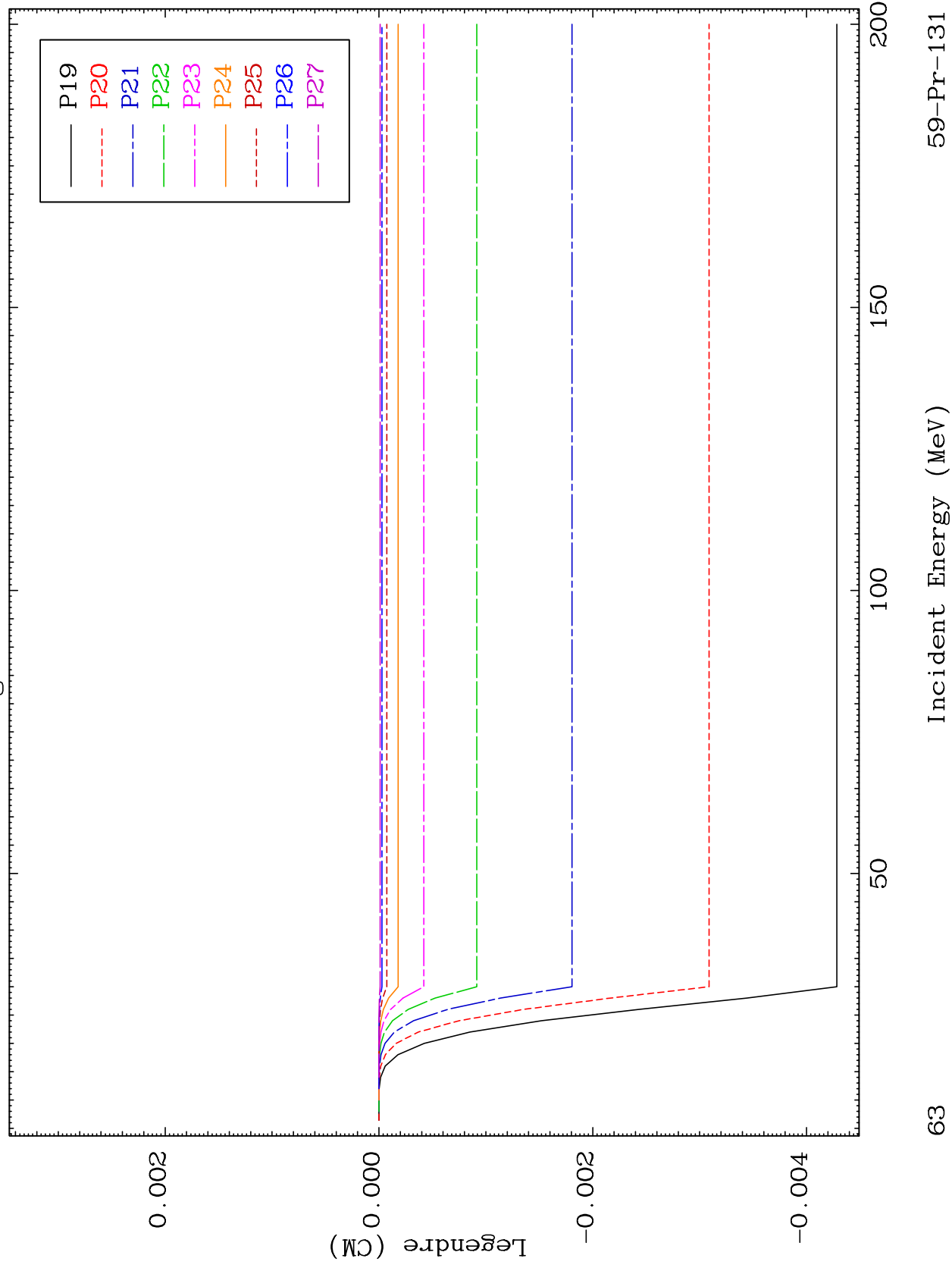


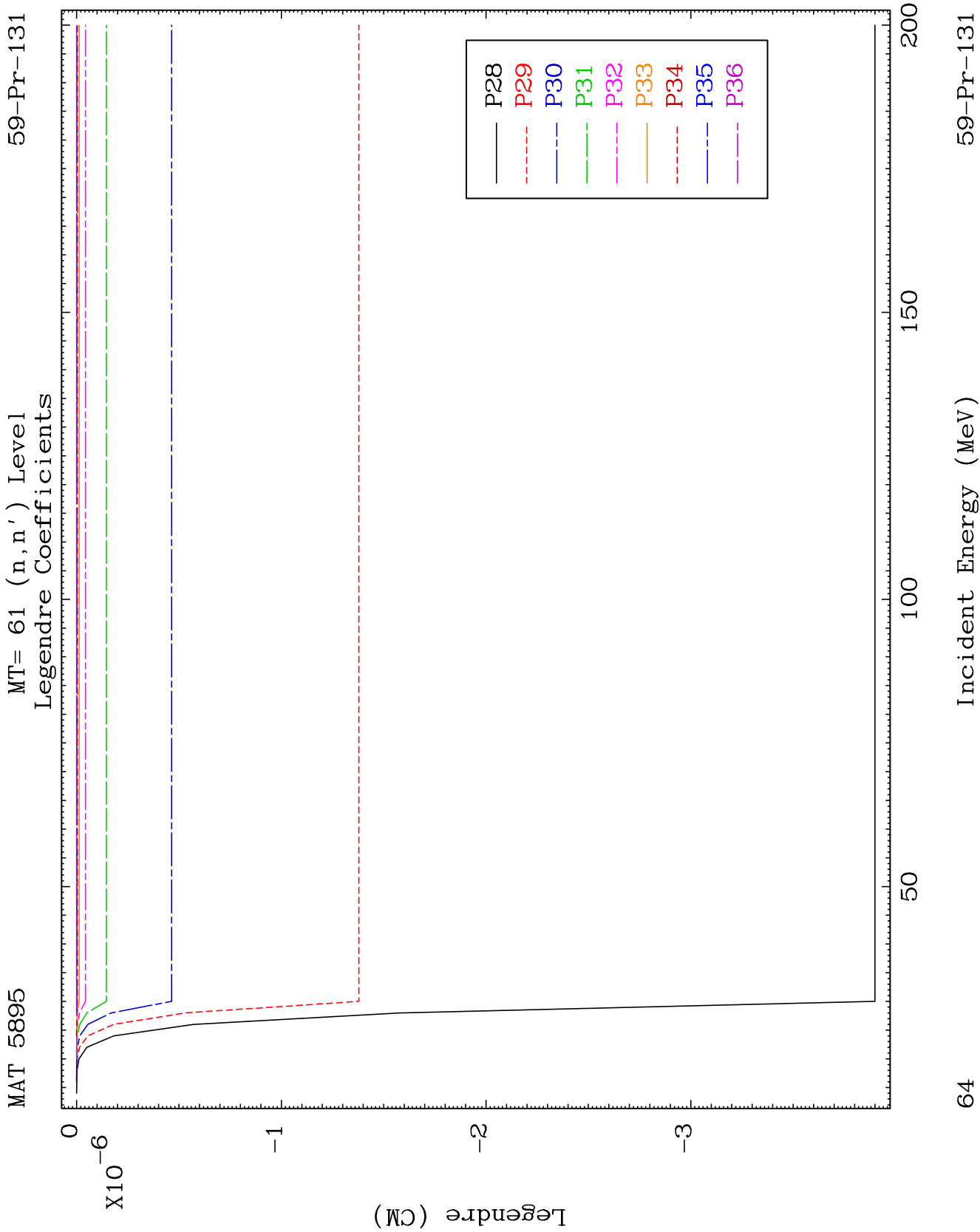


MAT 5895

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

59-Pr-131

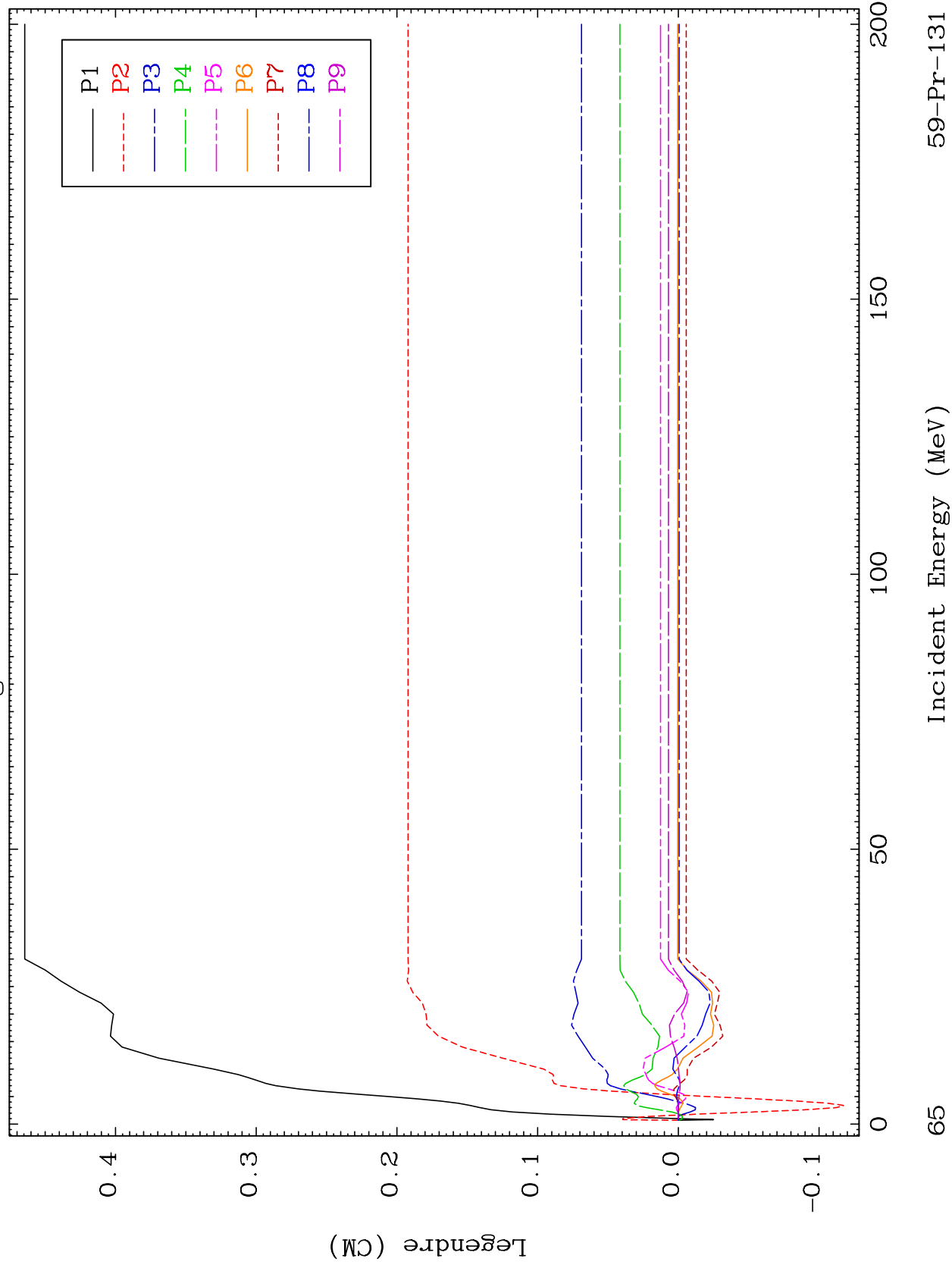




MAT 5895

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

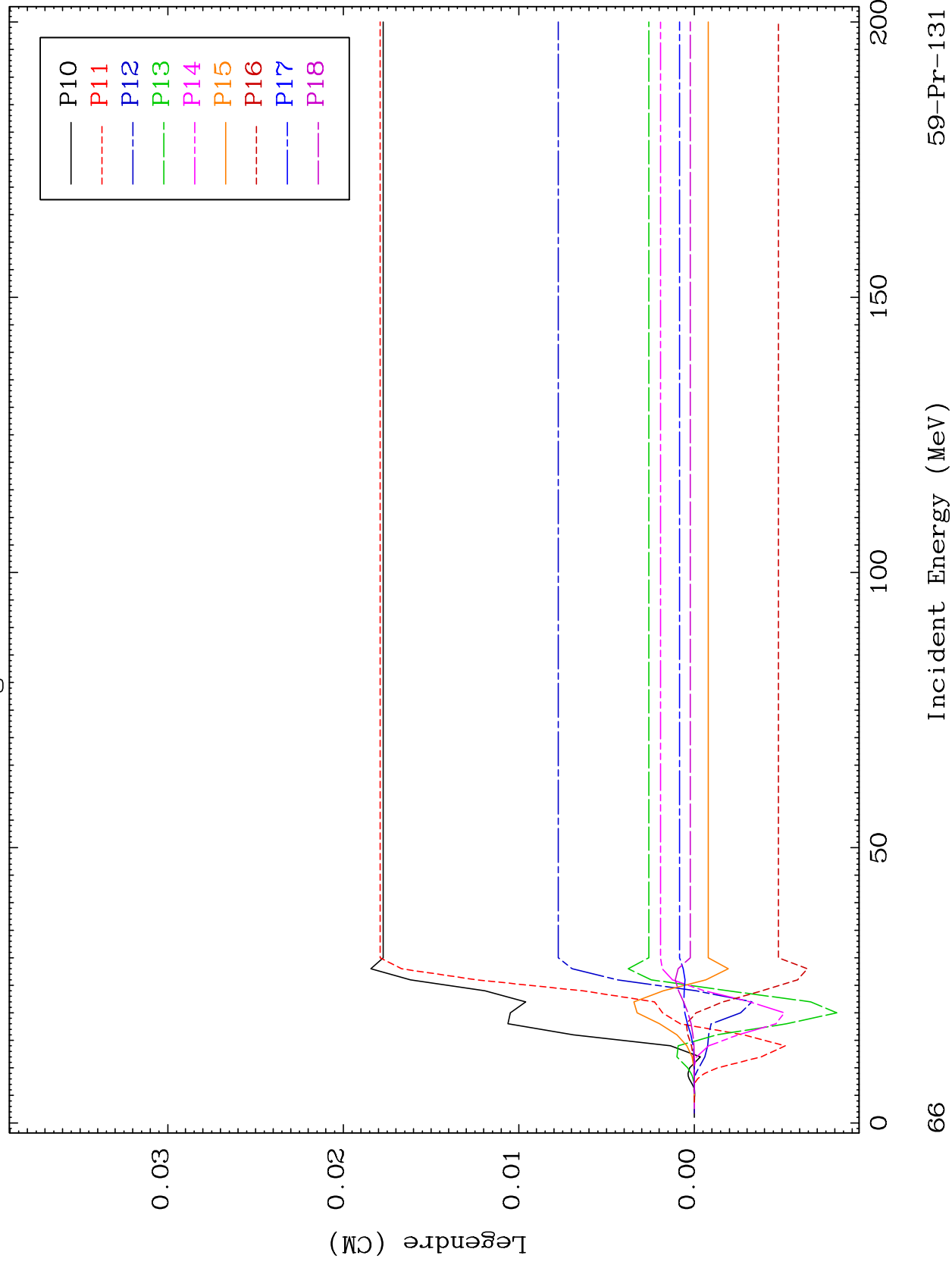
59-Pr-131



MAT 5895

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

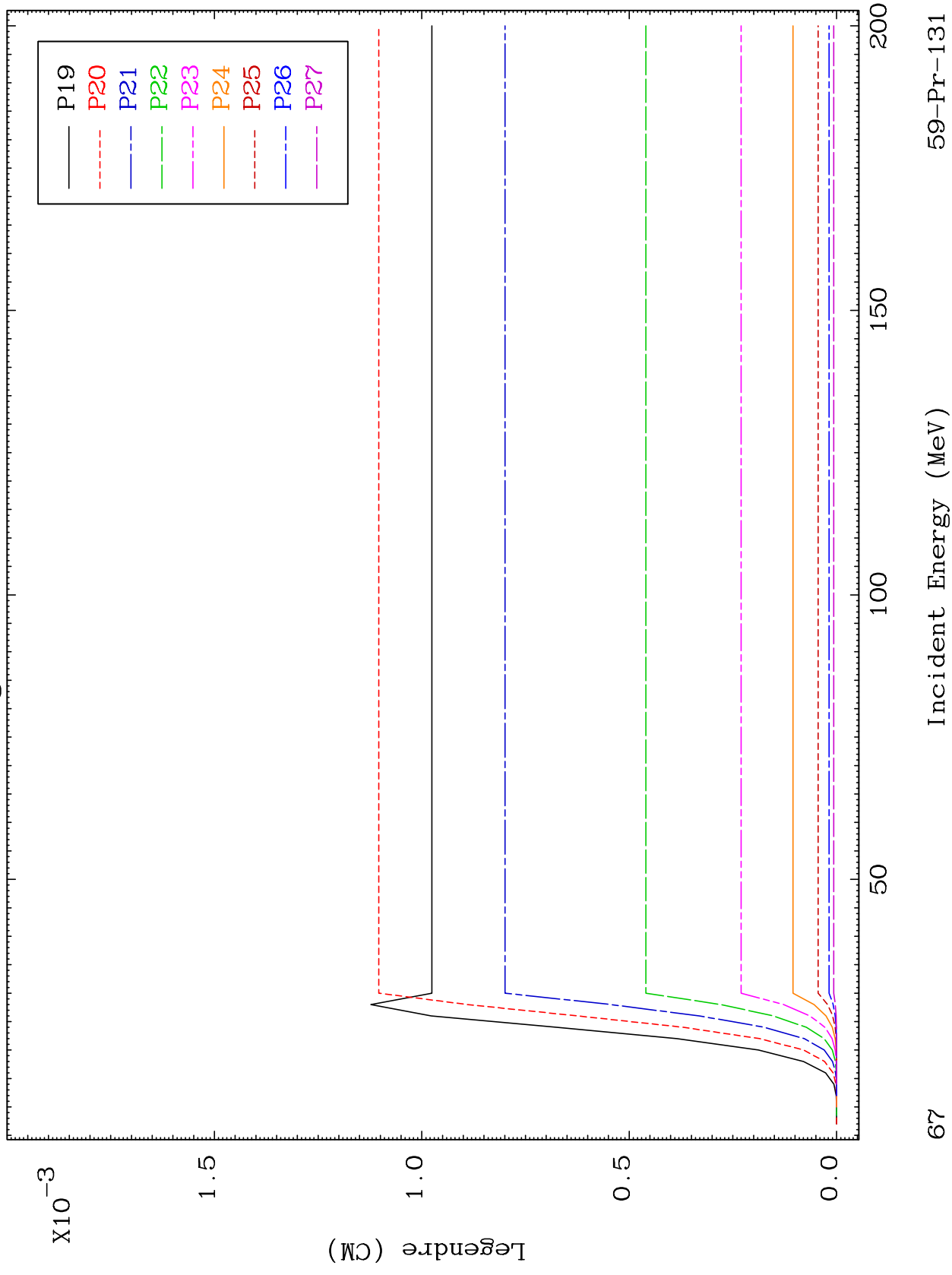
59-Pr-131



MAT 5895

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

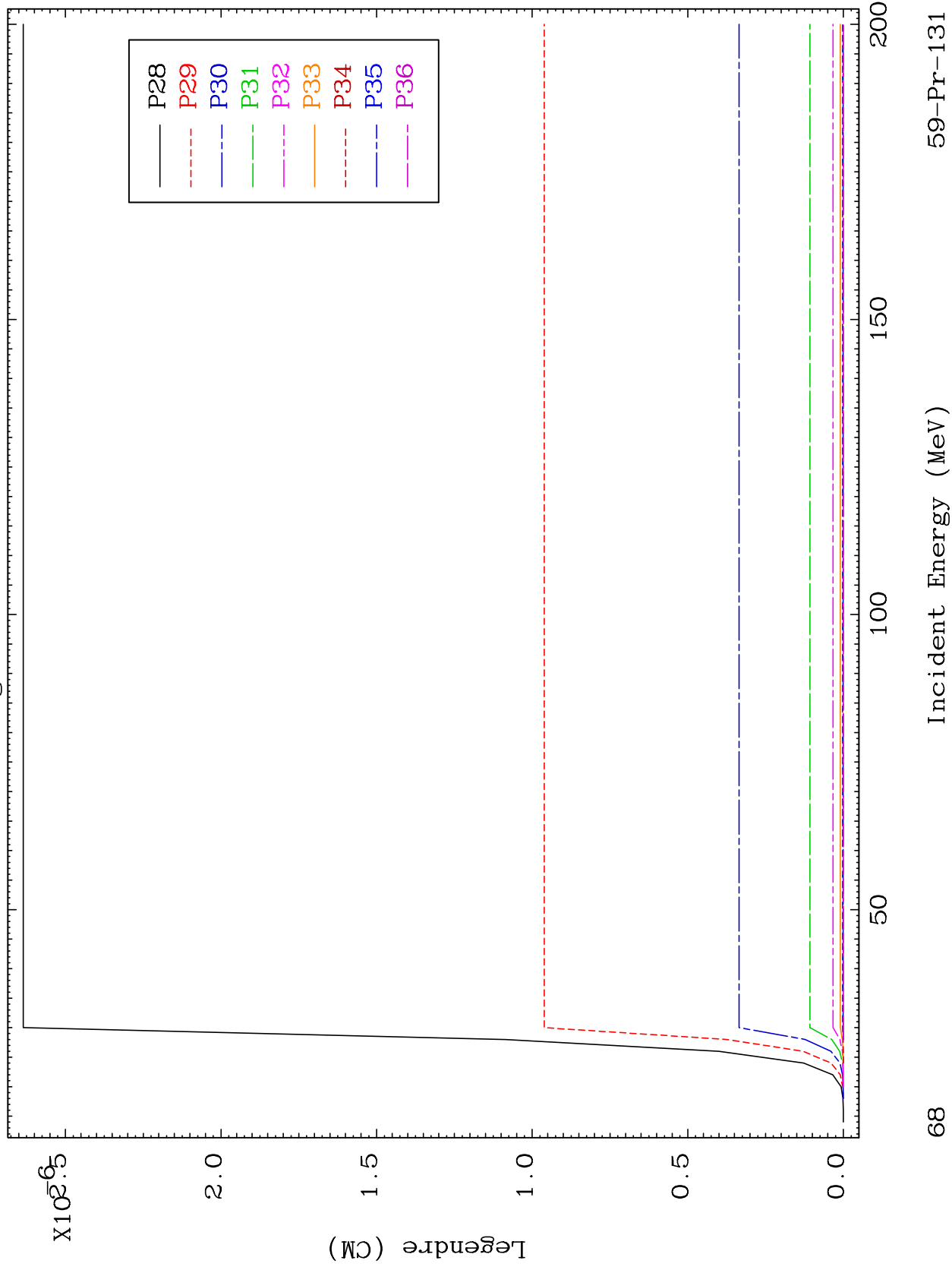
59-Pr-131



MAT 5895

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

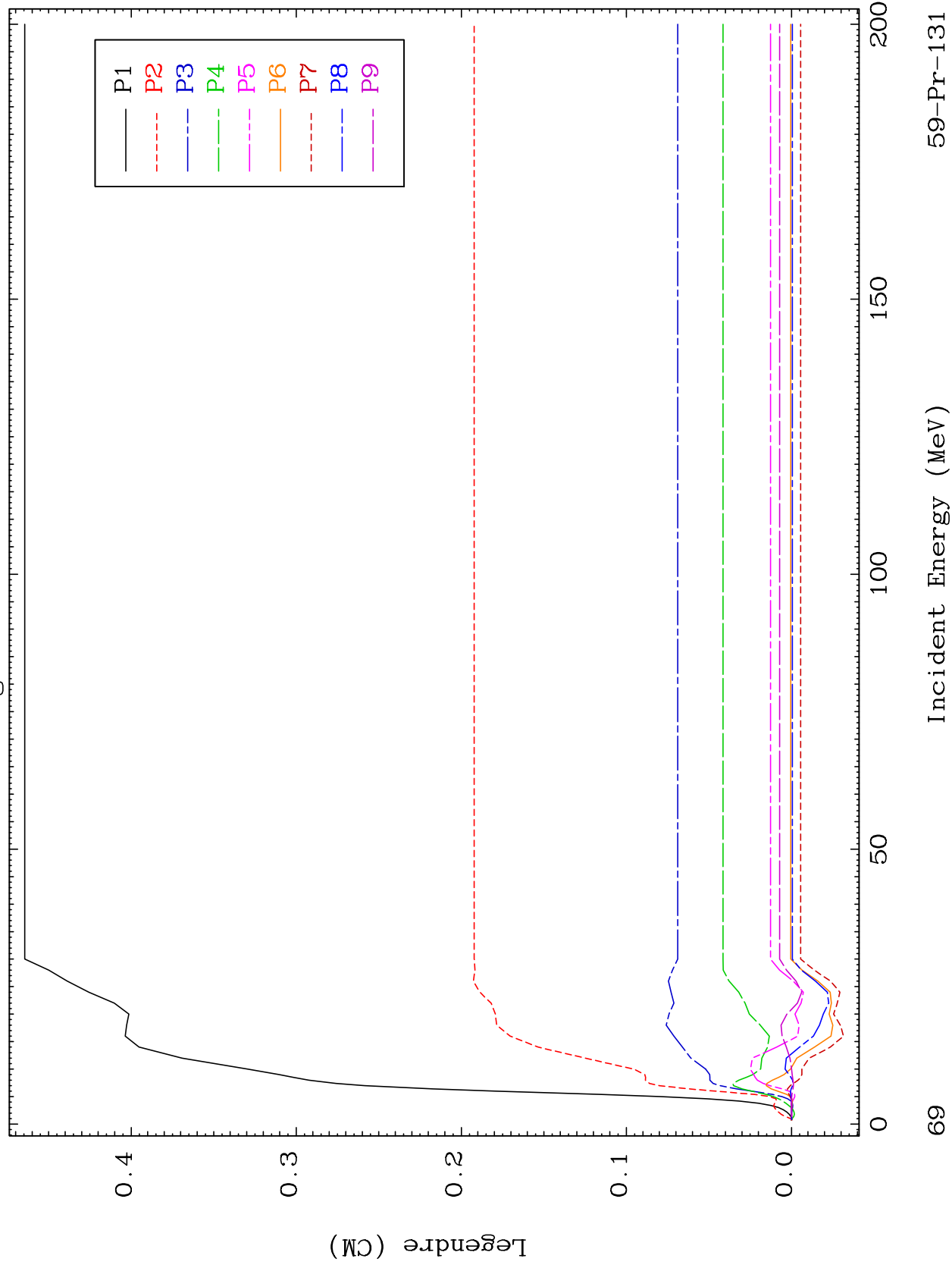
59-Pr-131

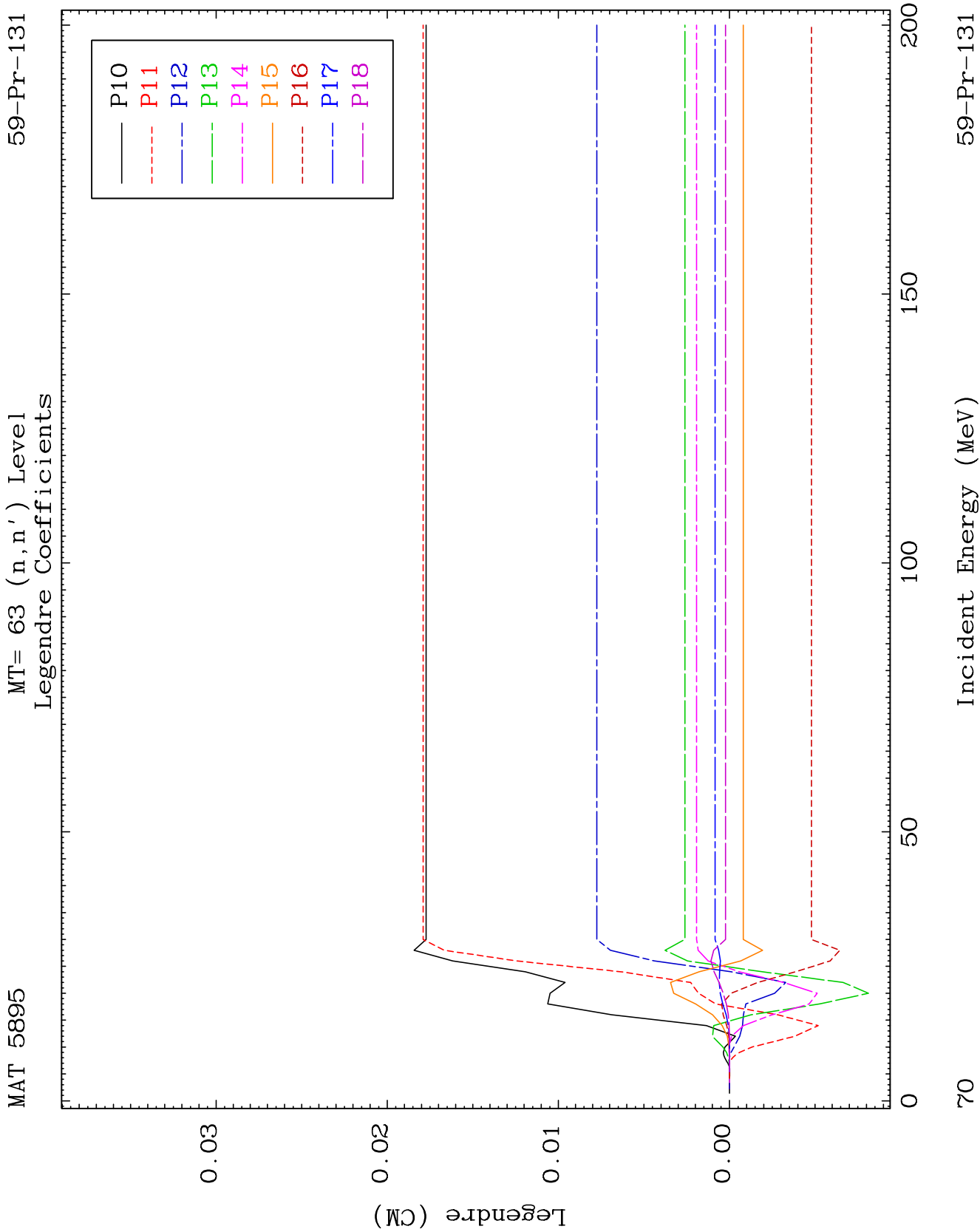


MAT 5895

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

59-Pr-131

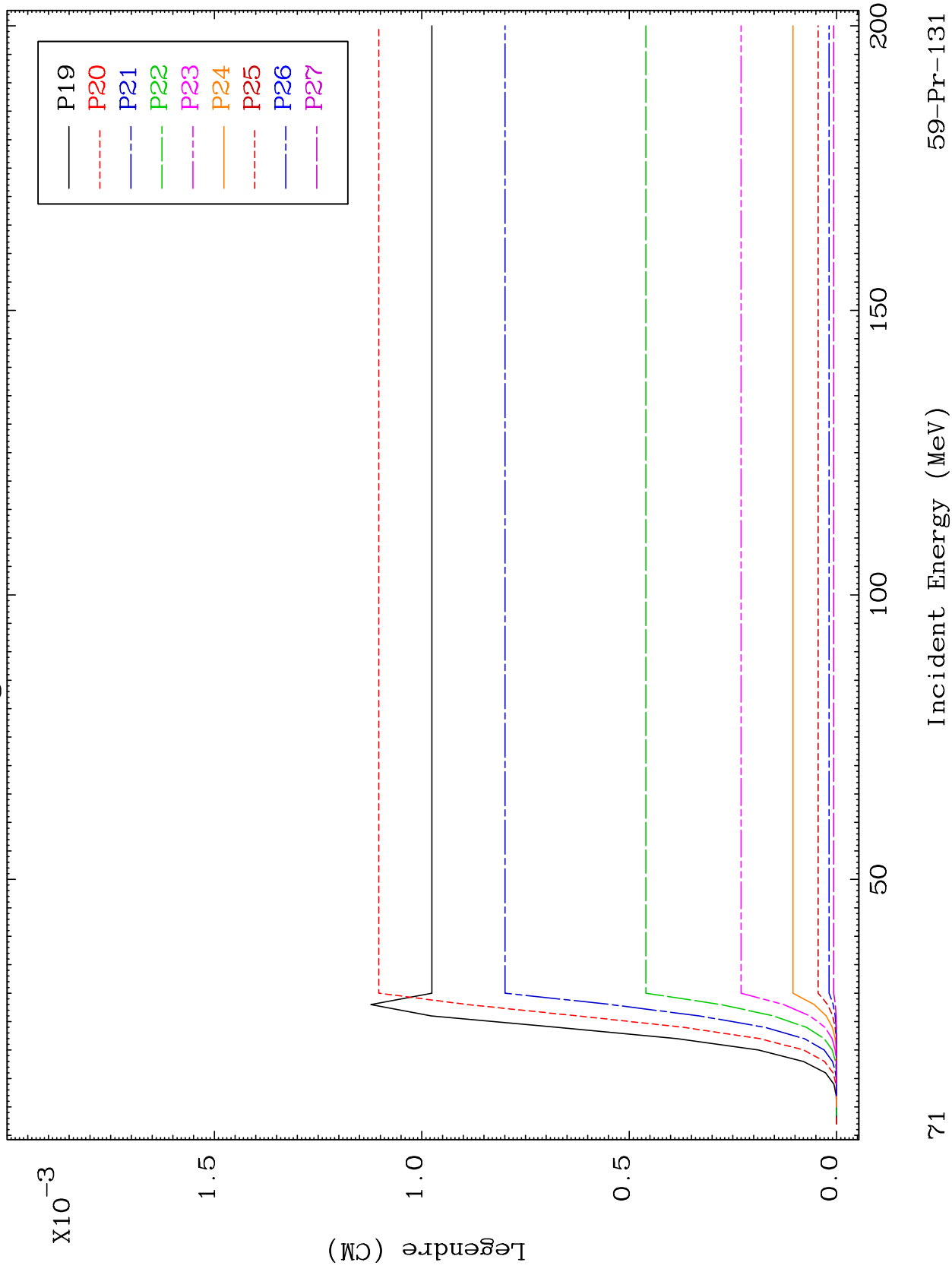


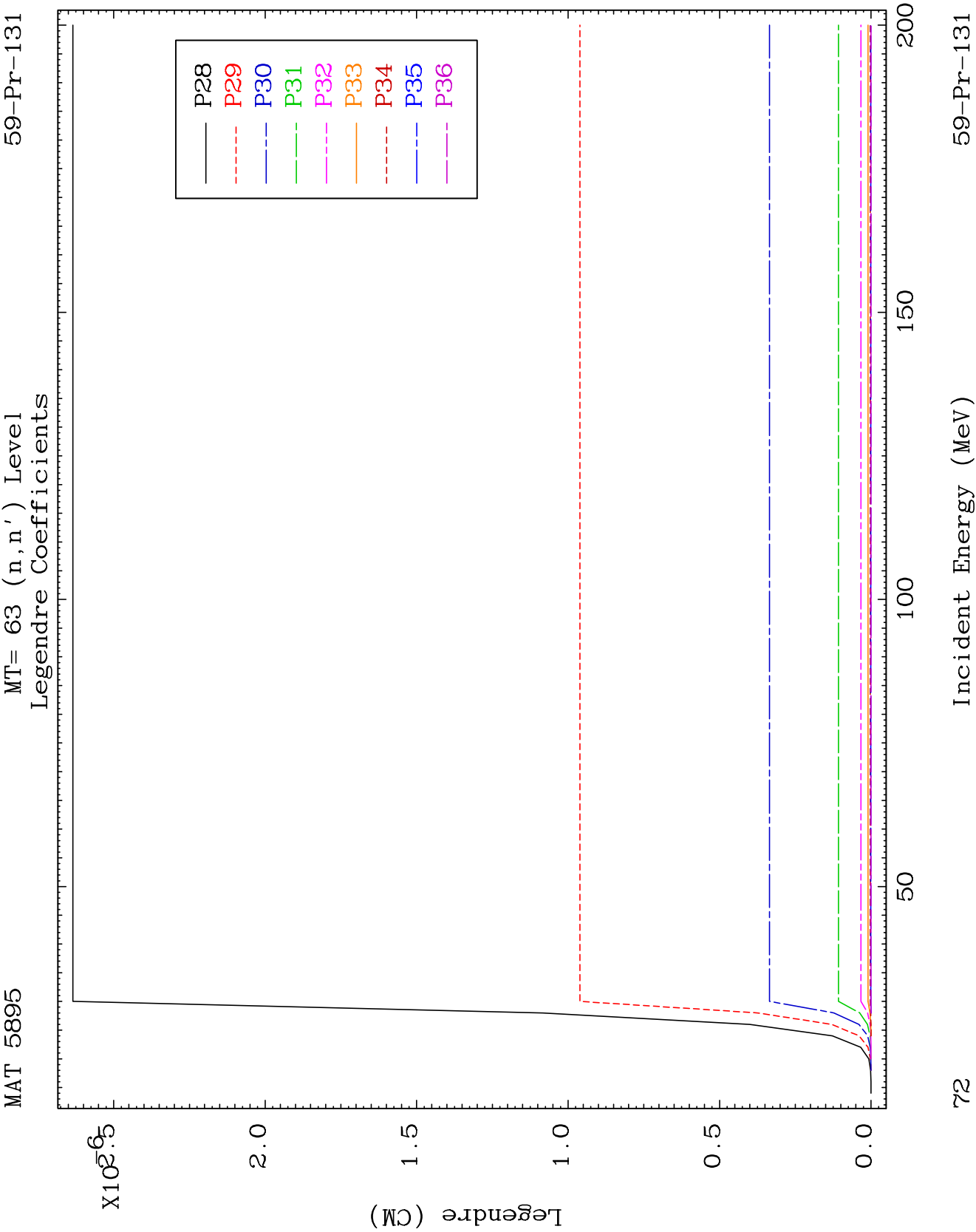


MAT 5895

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

59-Pr-131

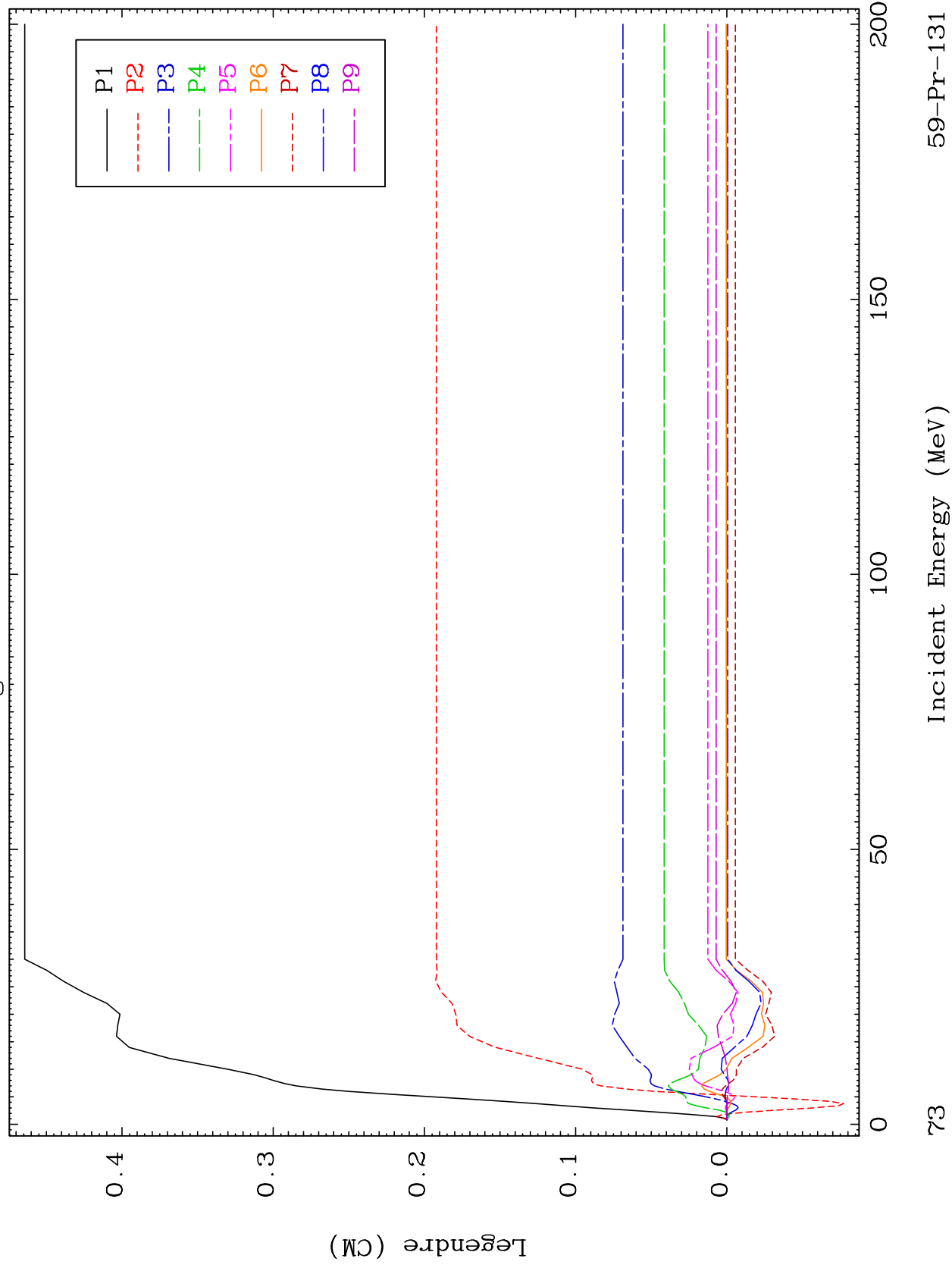




MAT 5895

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

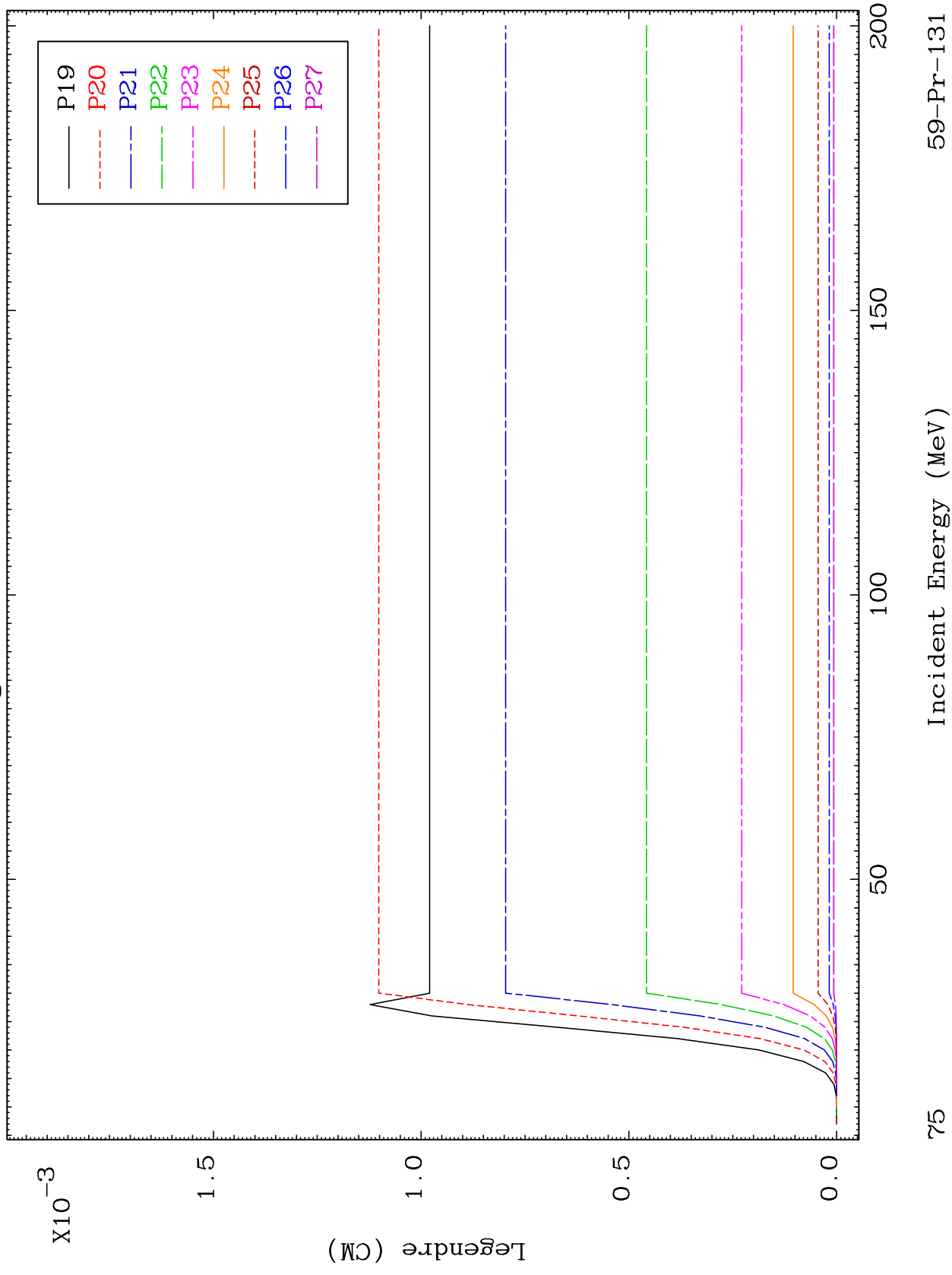
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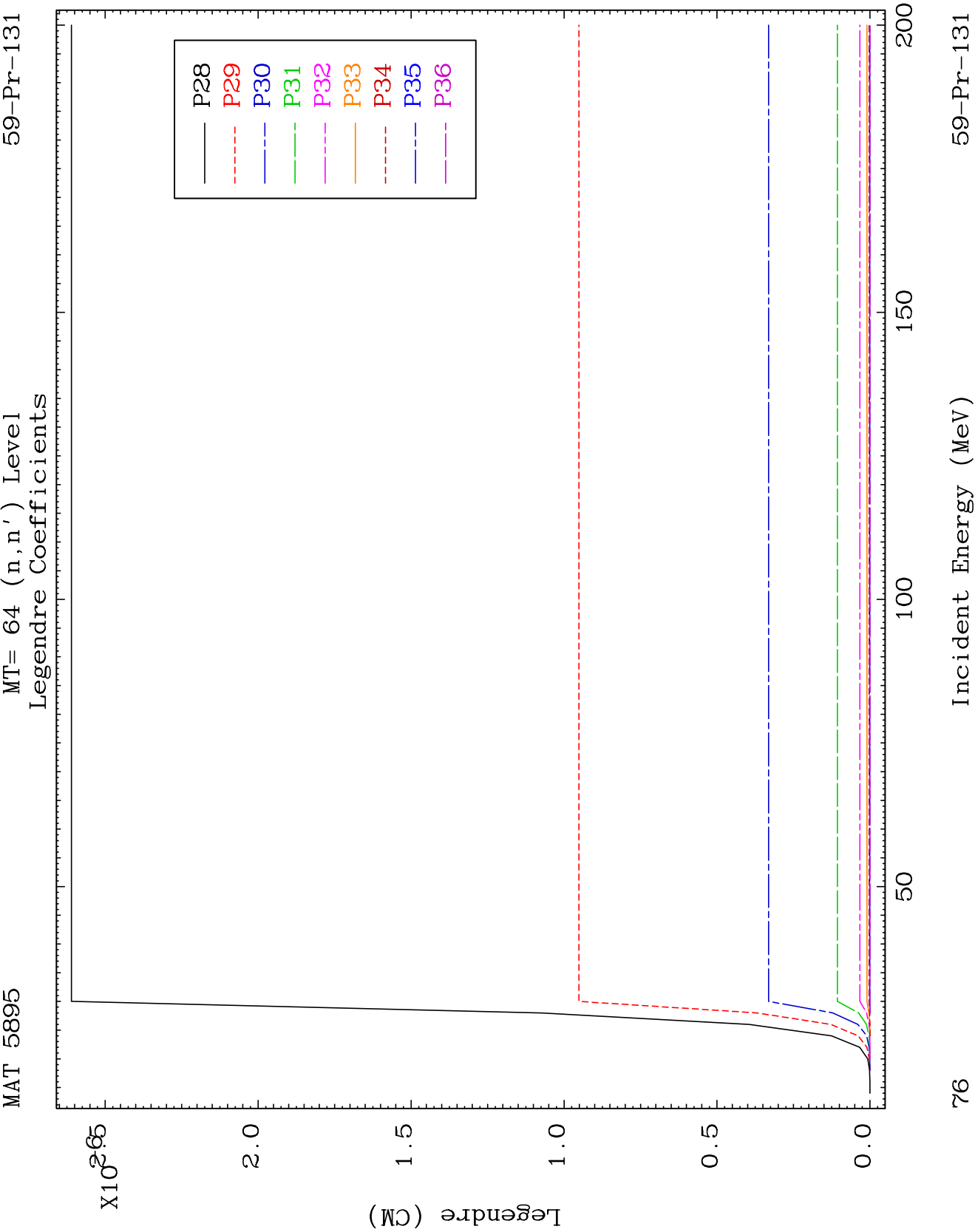


MAT 5895

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

59-Pr-131

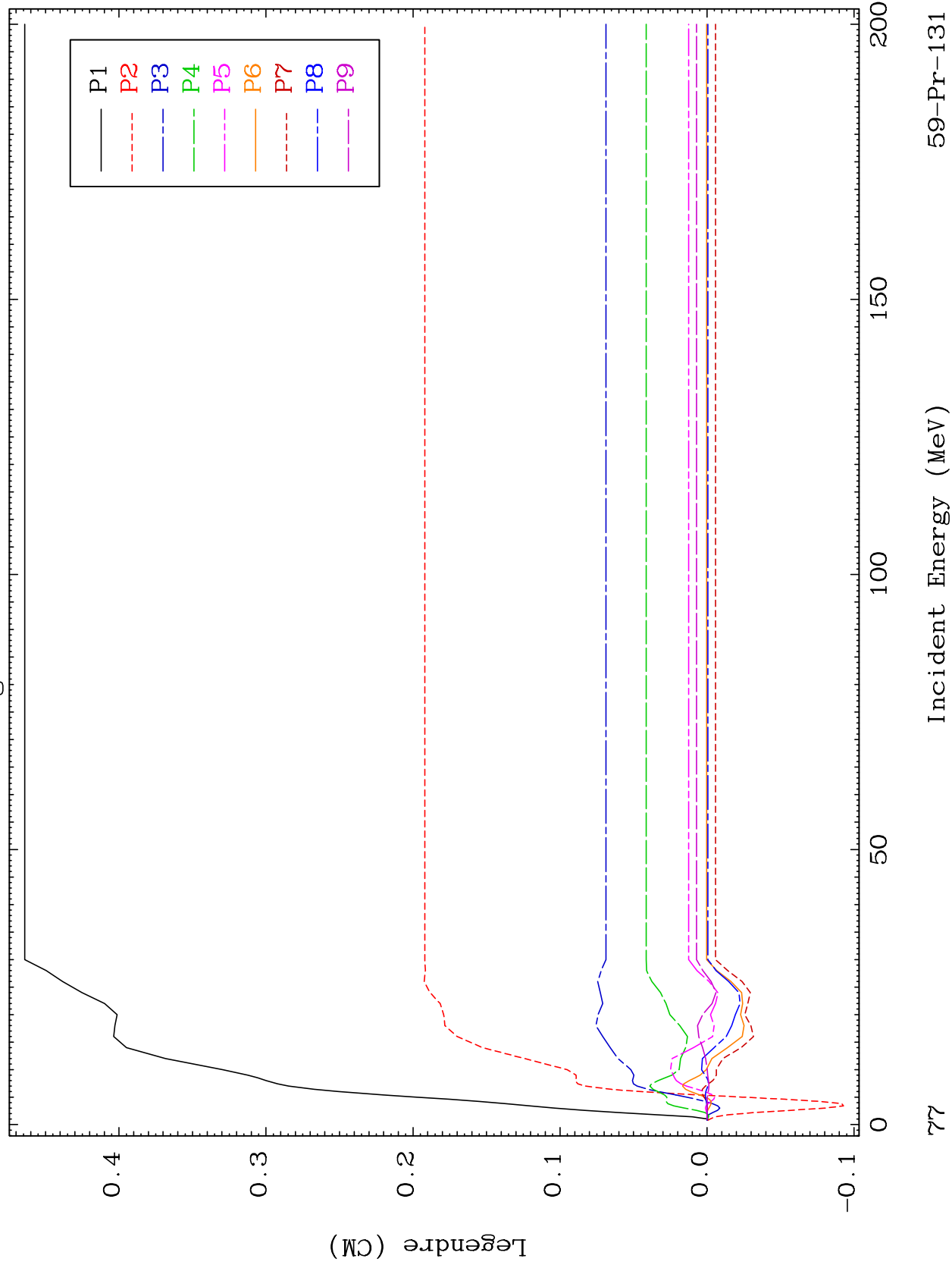




MAT 5895

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

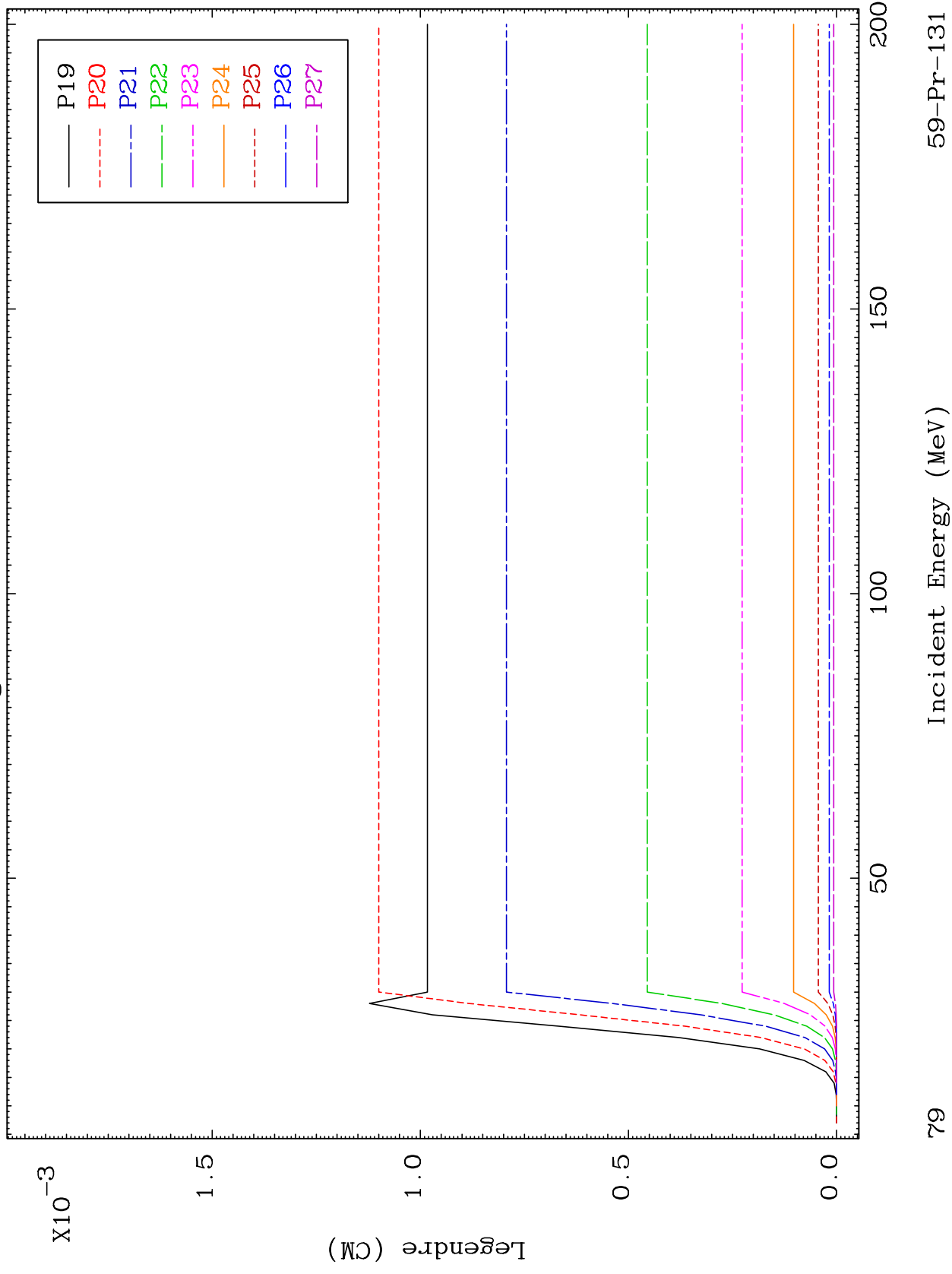
59-Pr-131

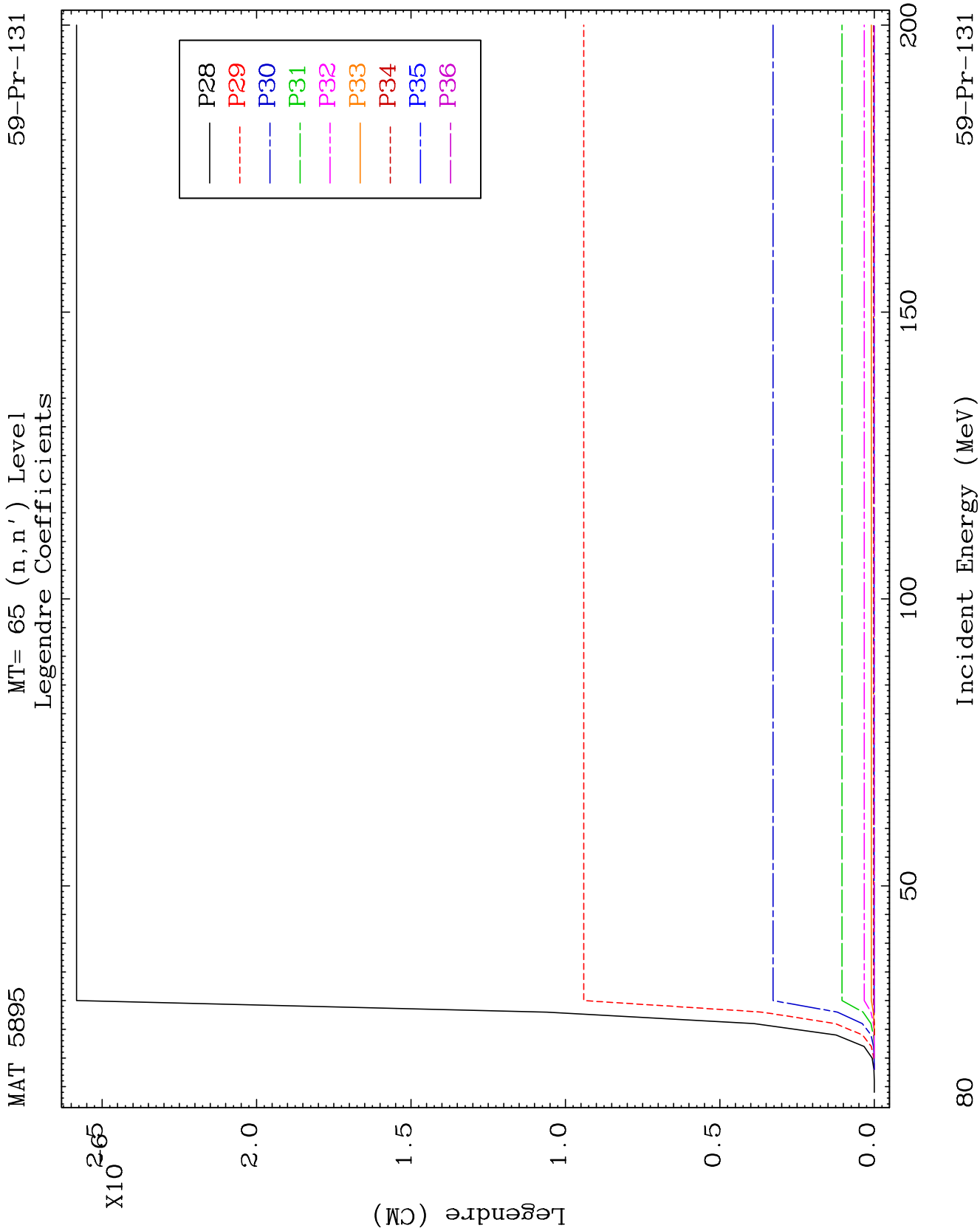


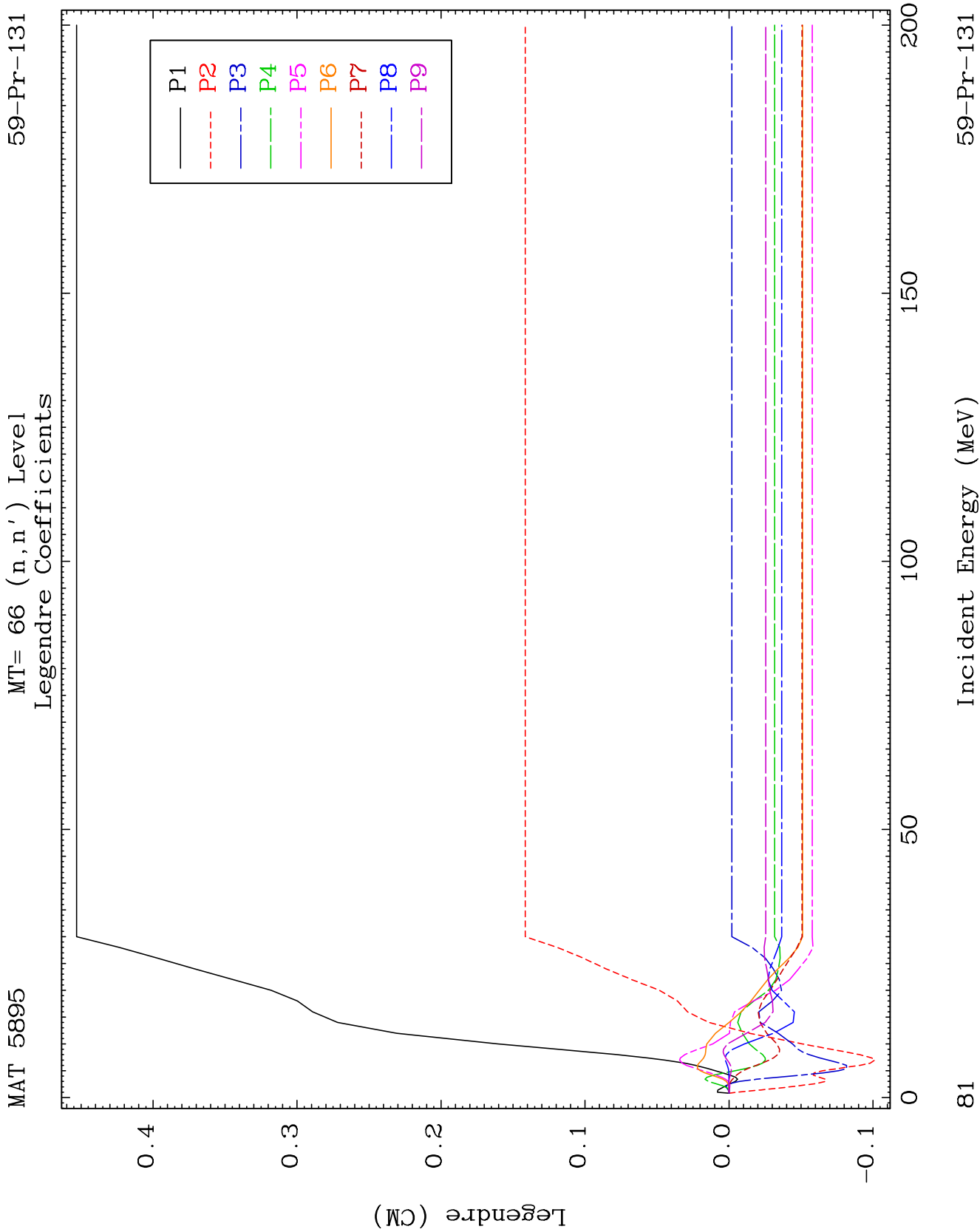
MAT 5895

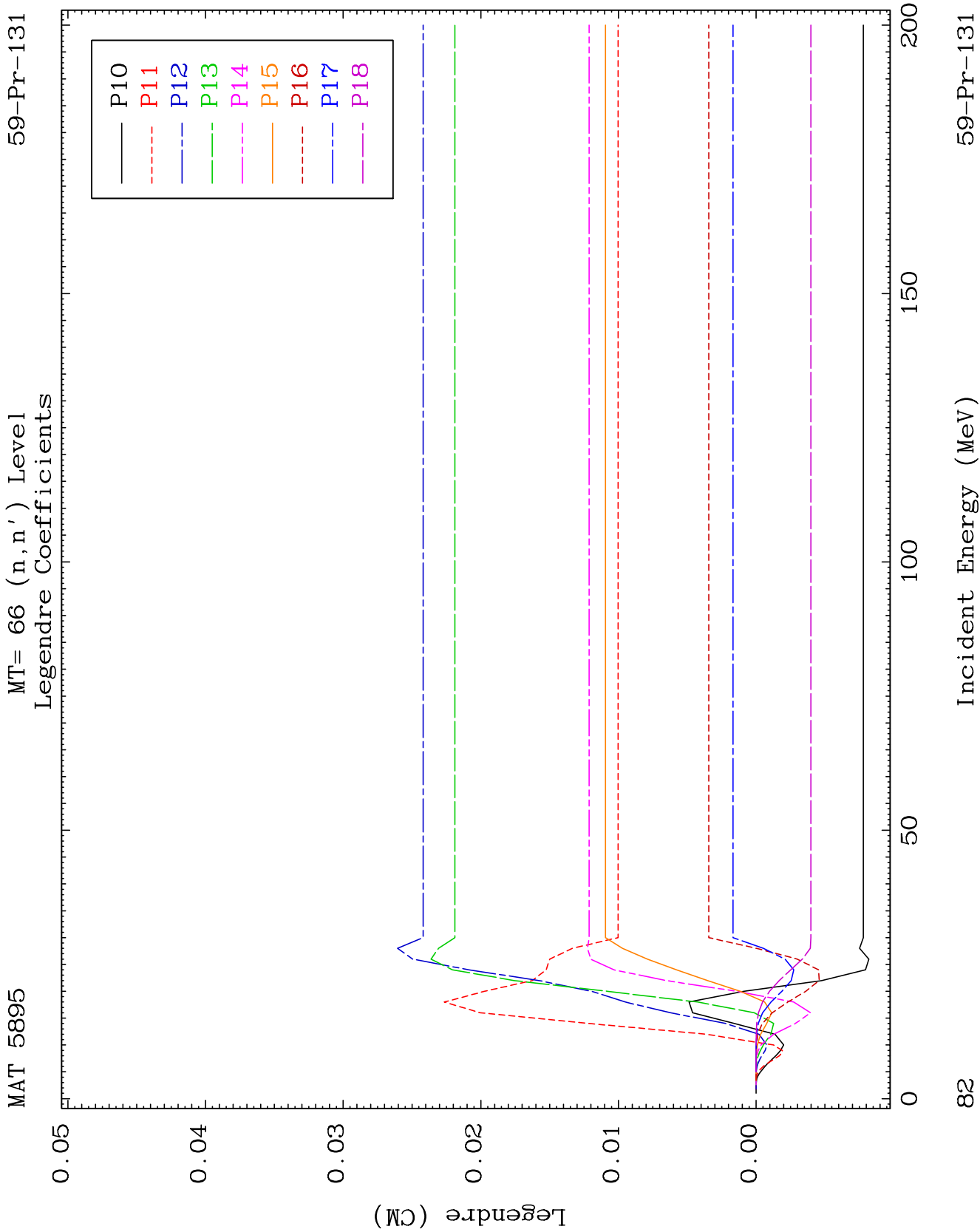
MT= 65 (n, n') Level
Legendre Coefficients

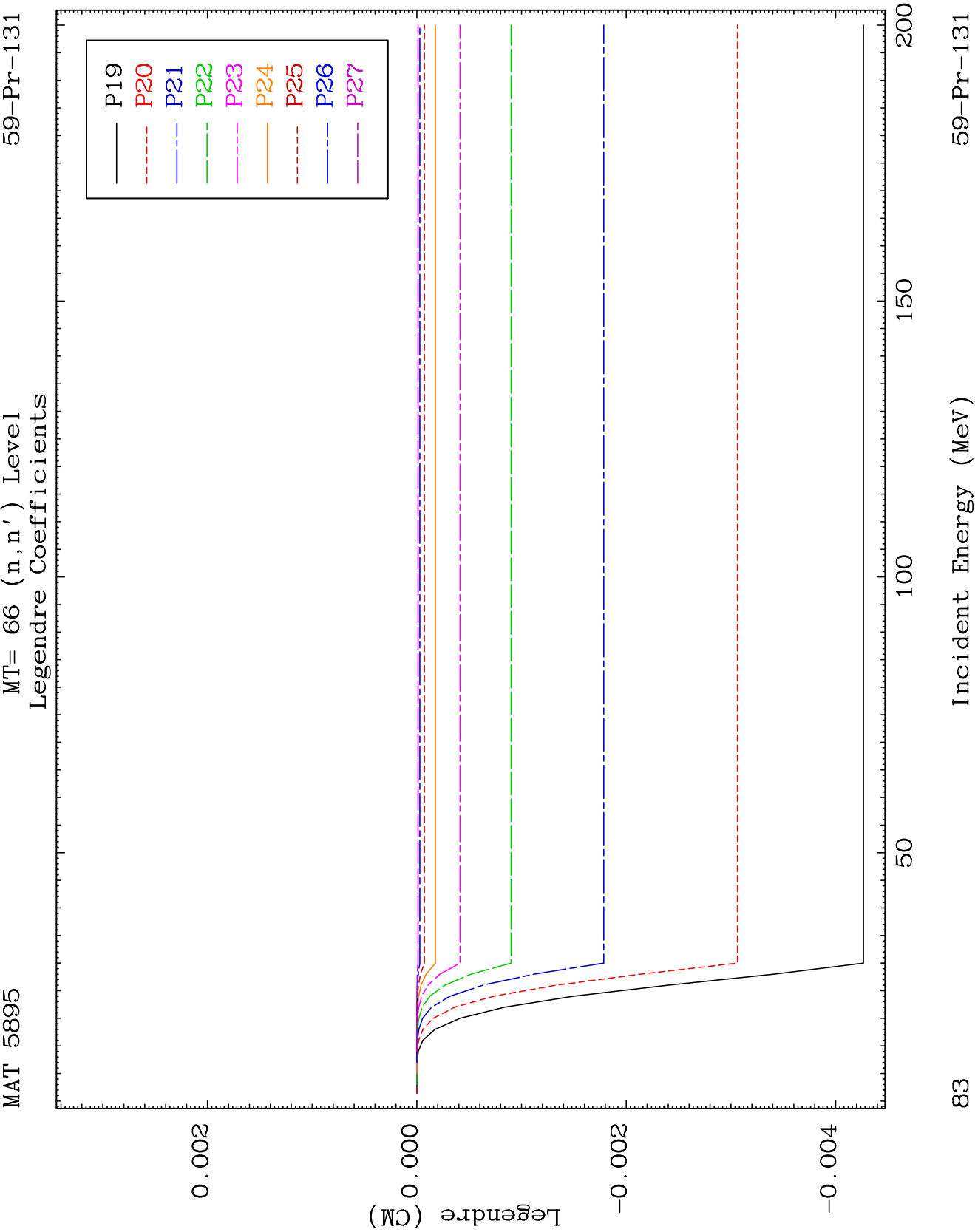
59-Pr-131

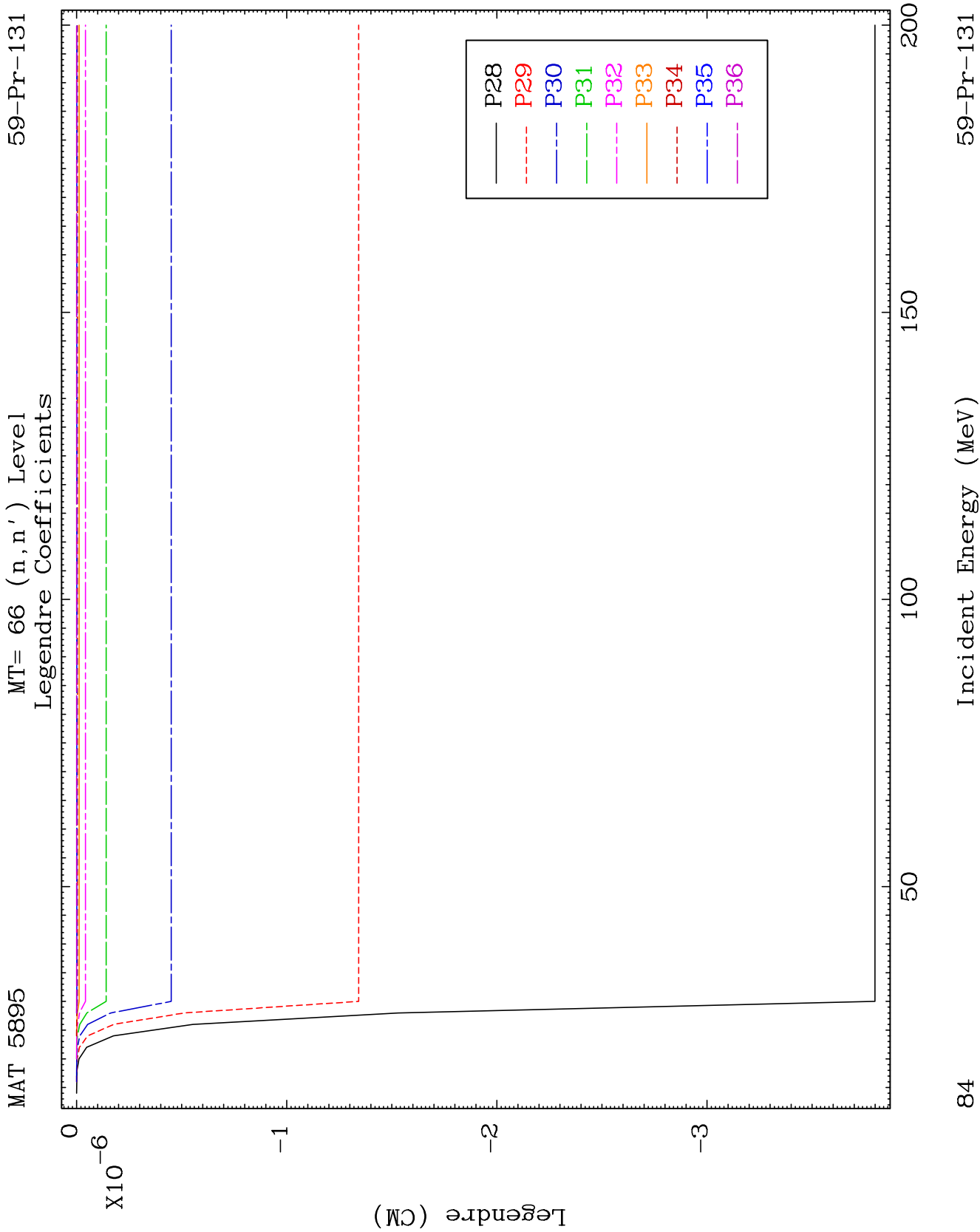


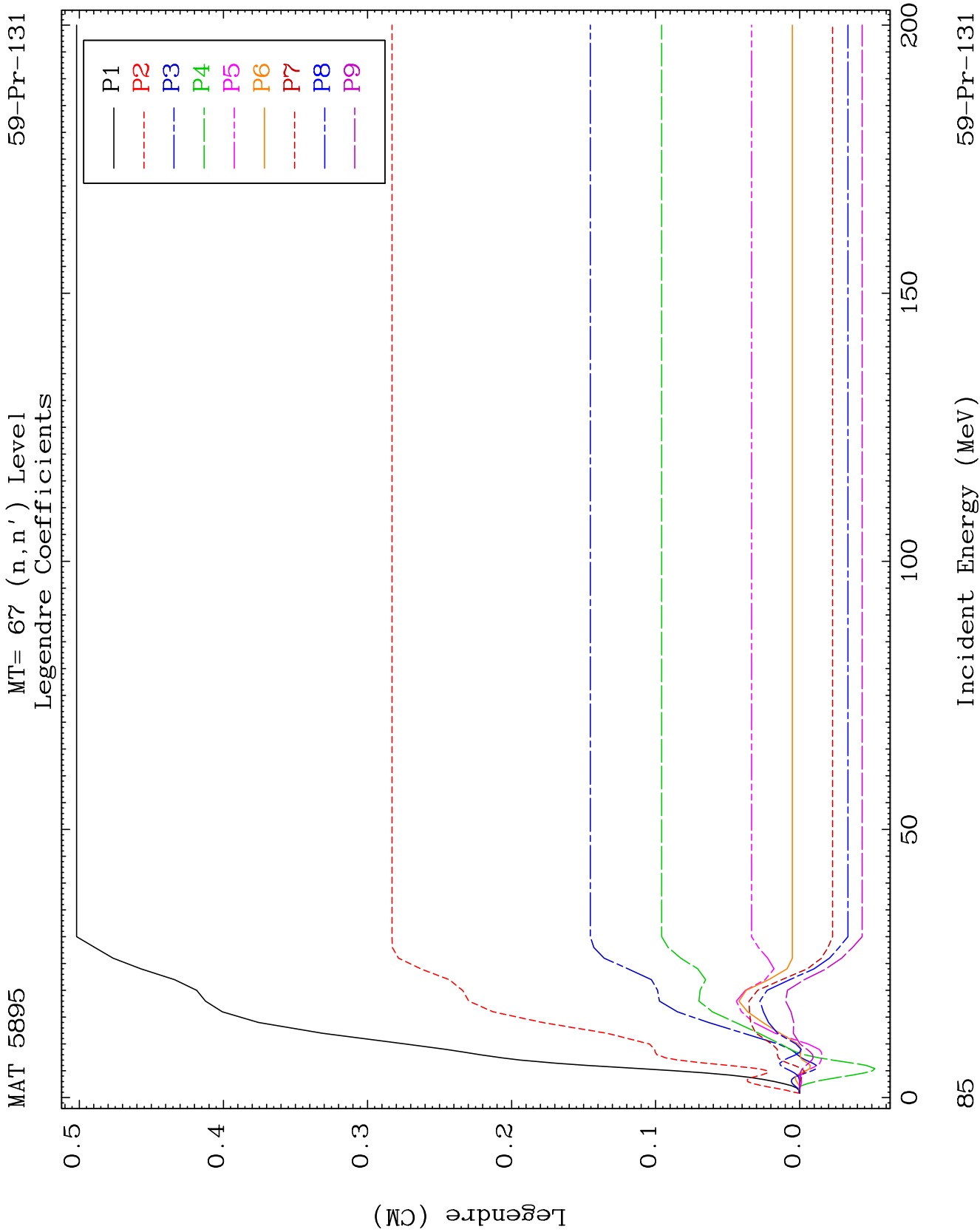








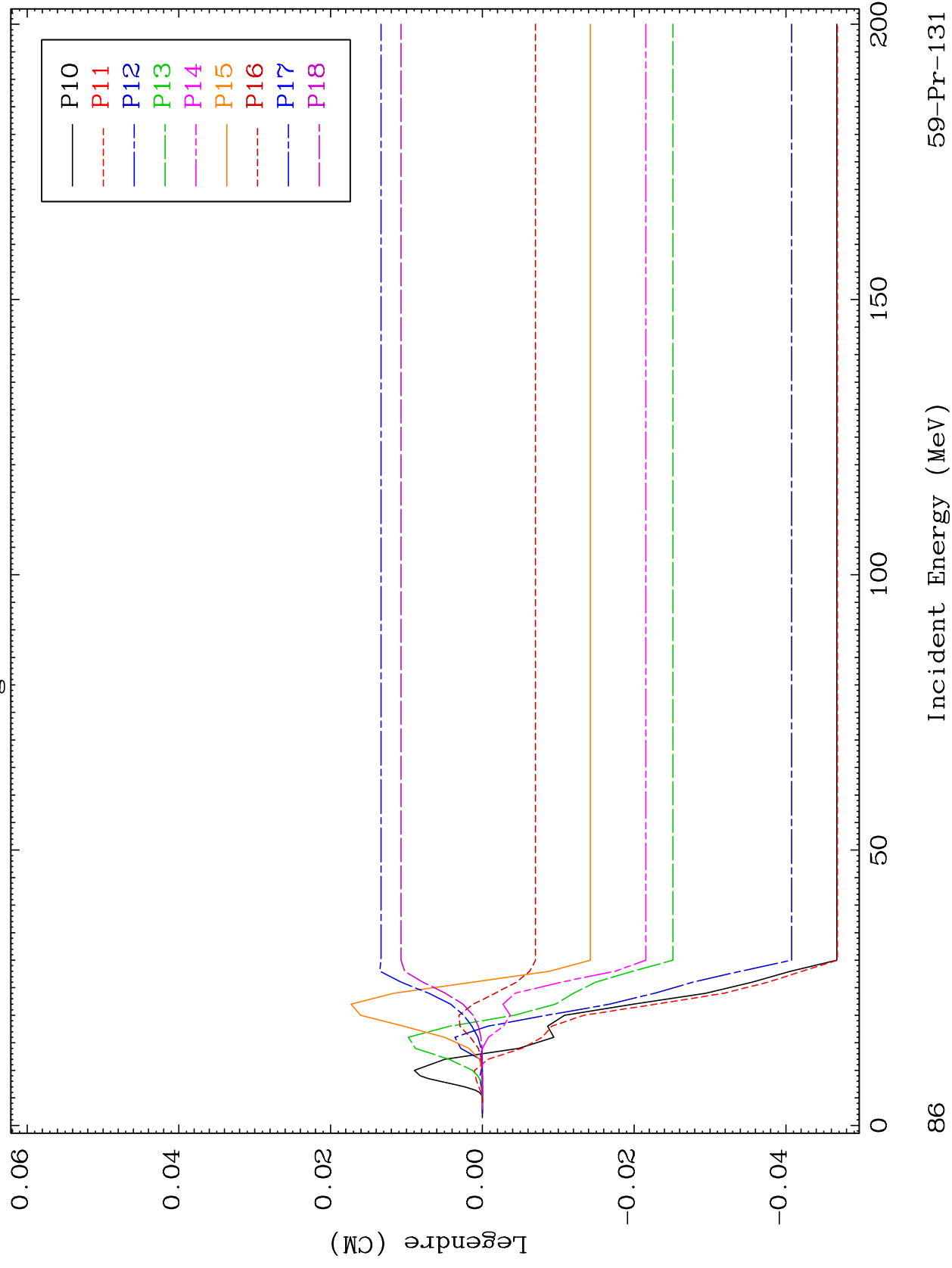




MAT 5895

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

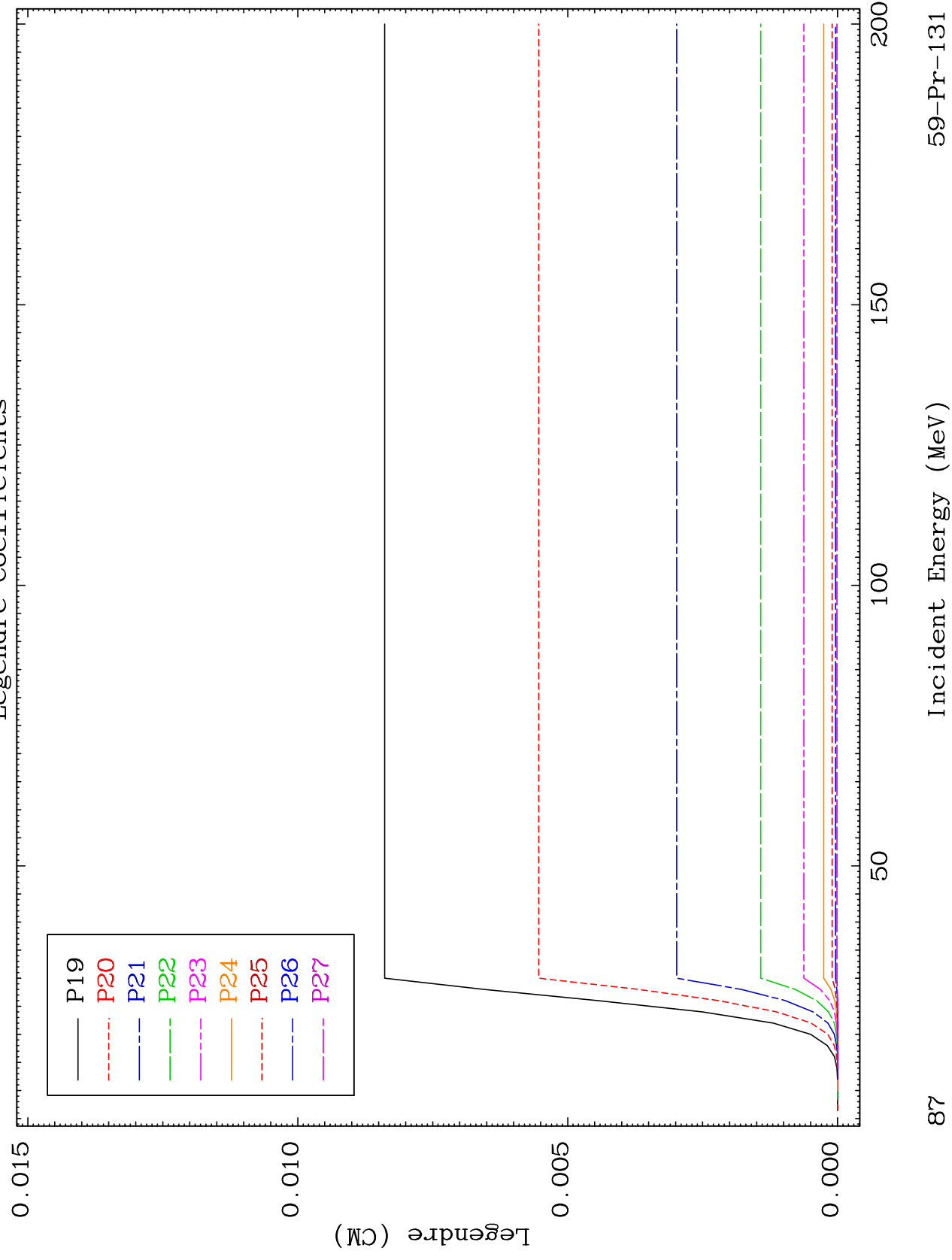
59-Pr-131



MAT 5895

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

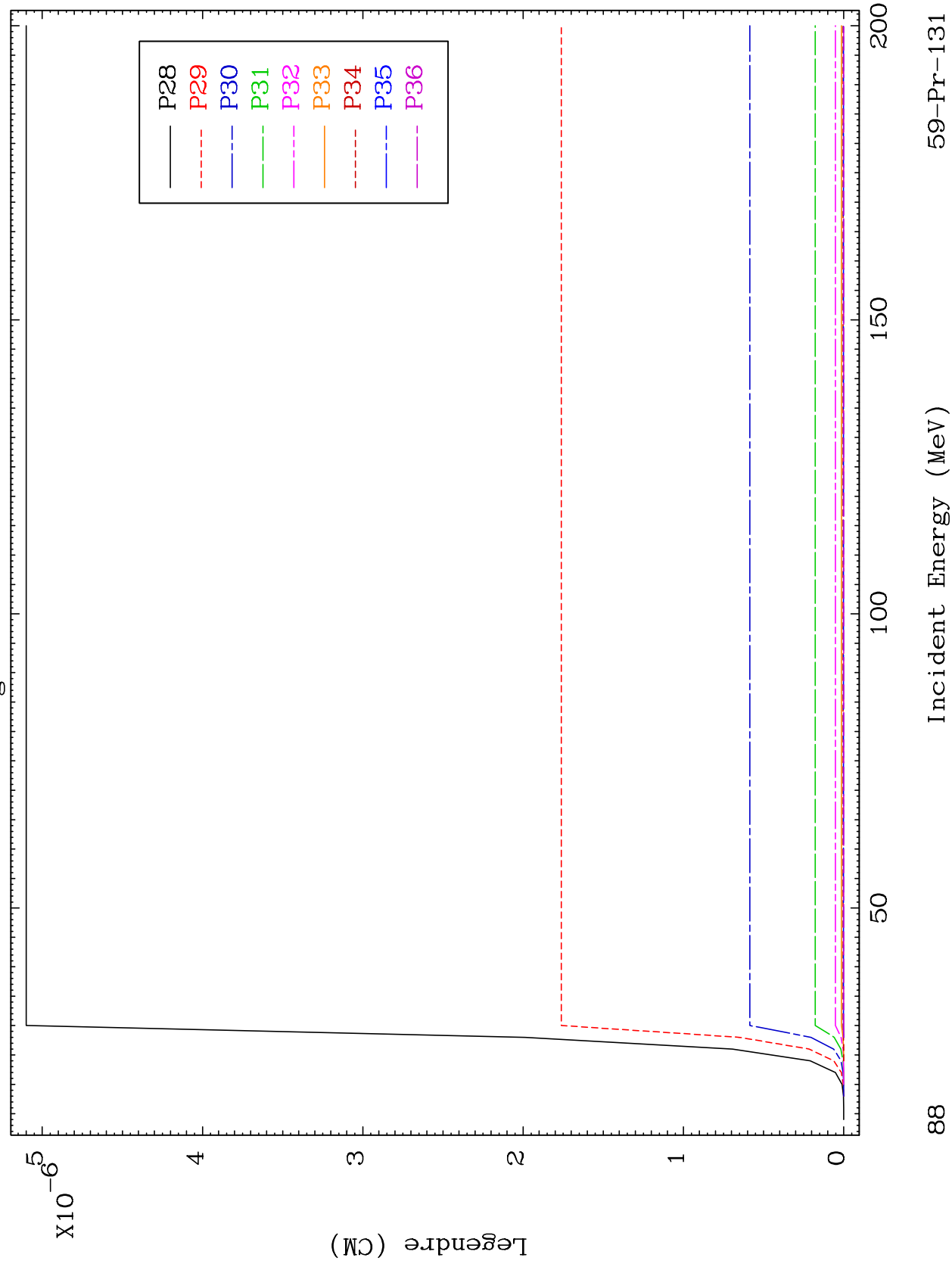
59-Pr-131

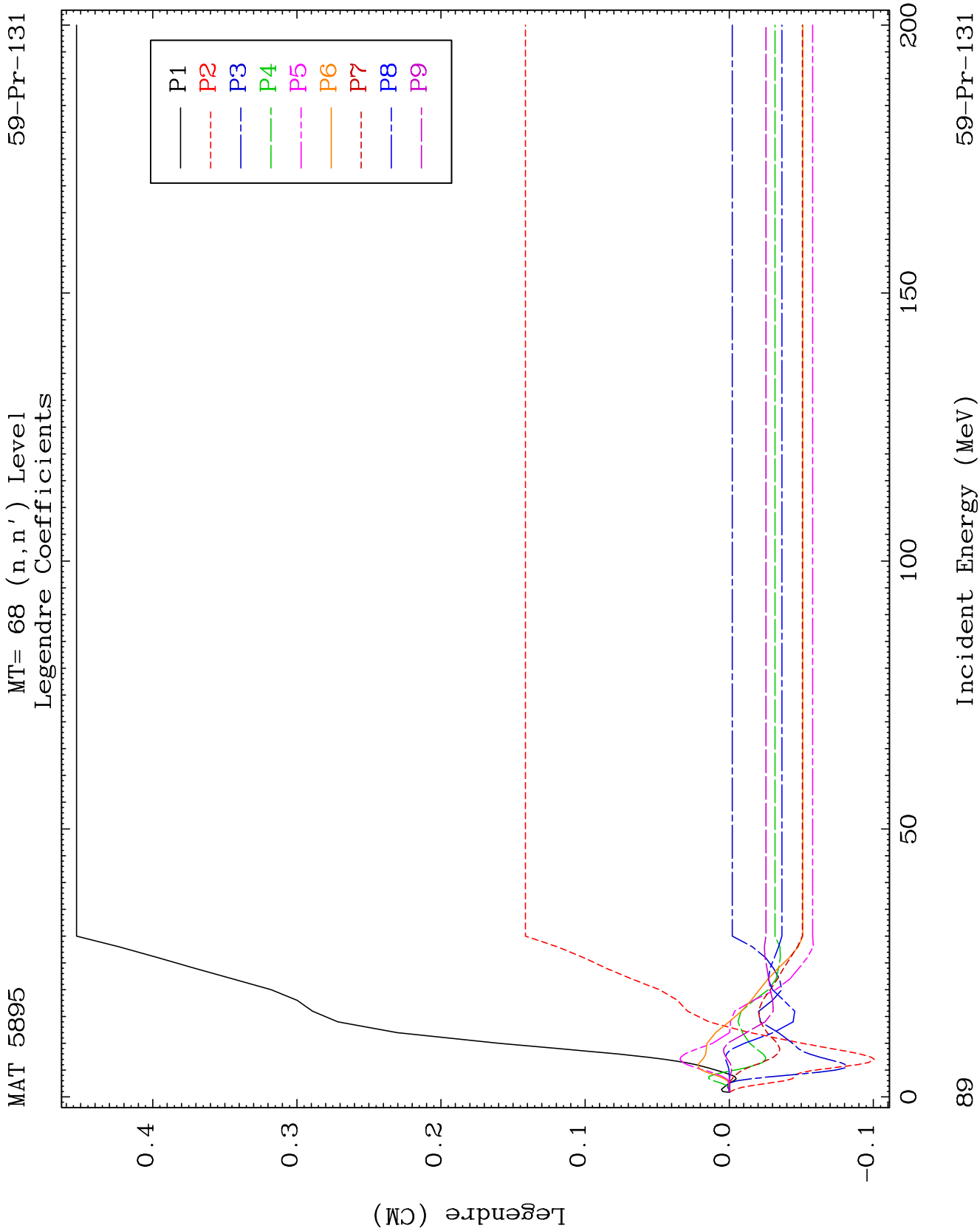


MAT 5895

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

59-Pr-131

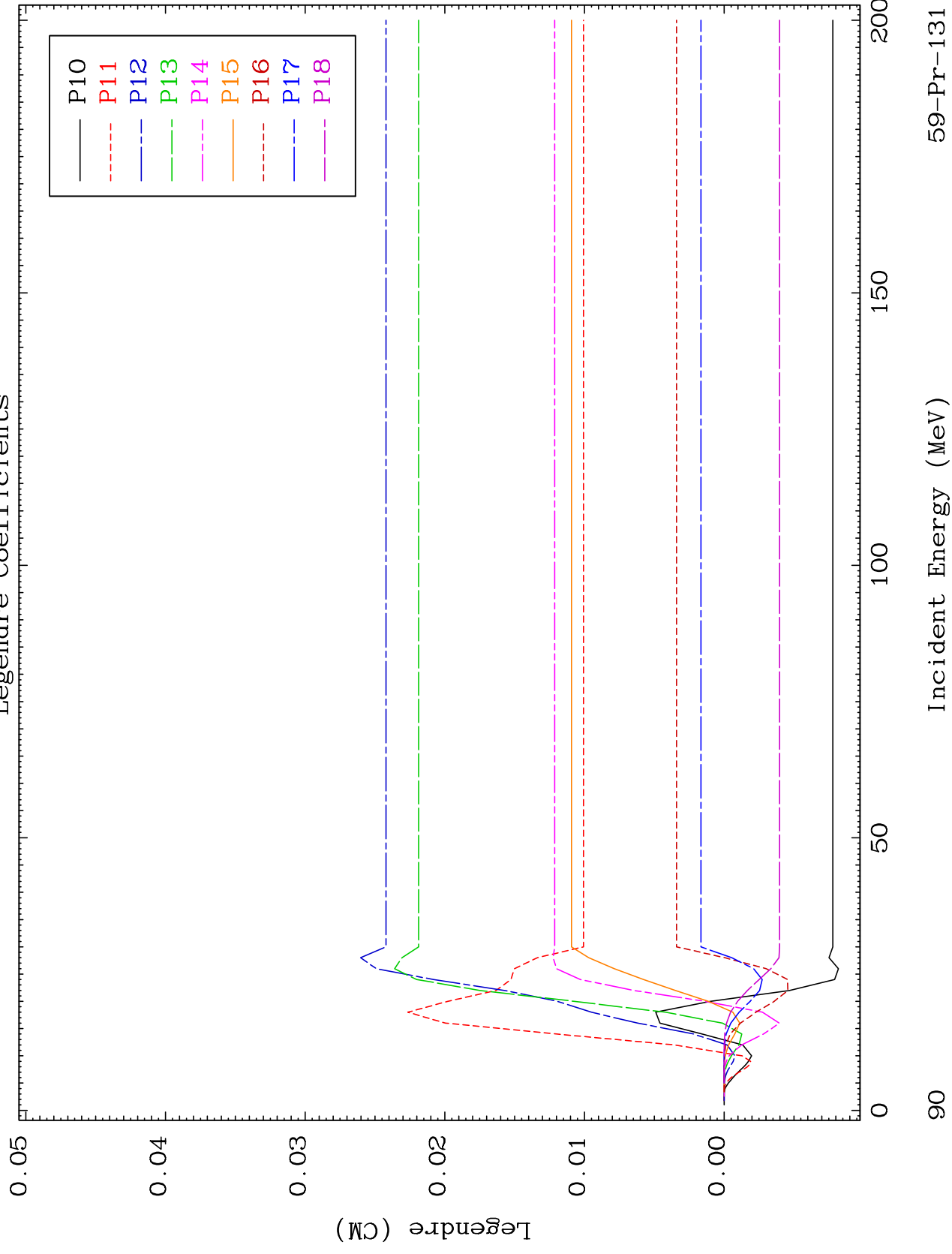


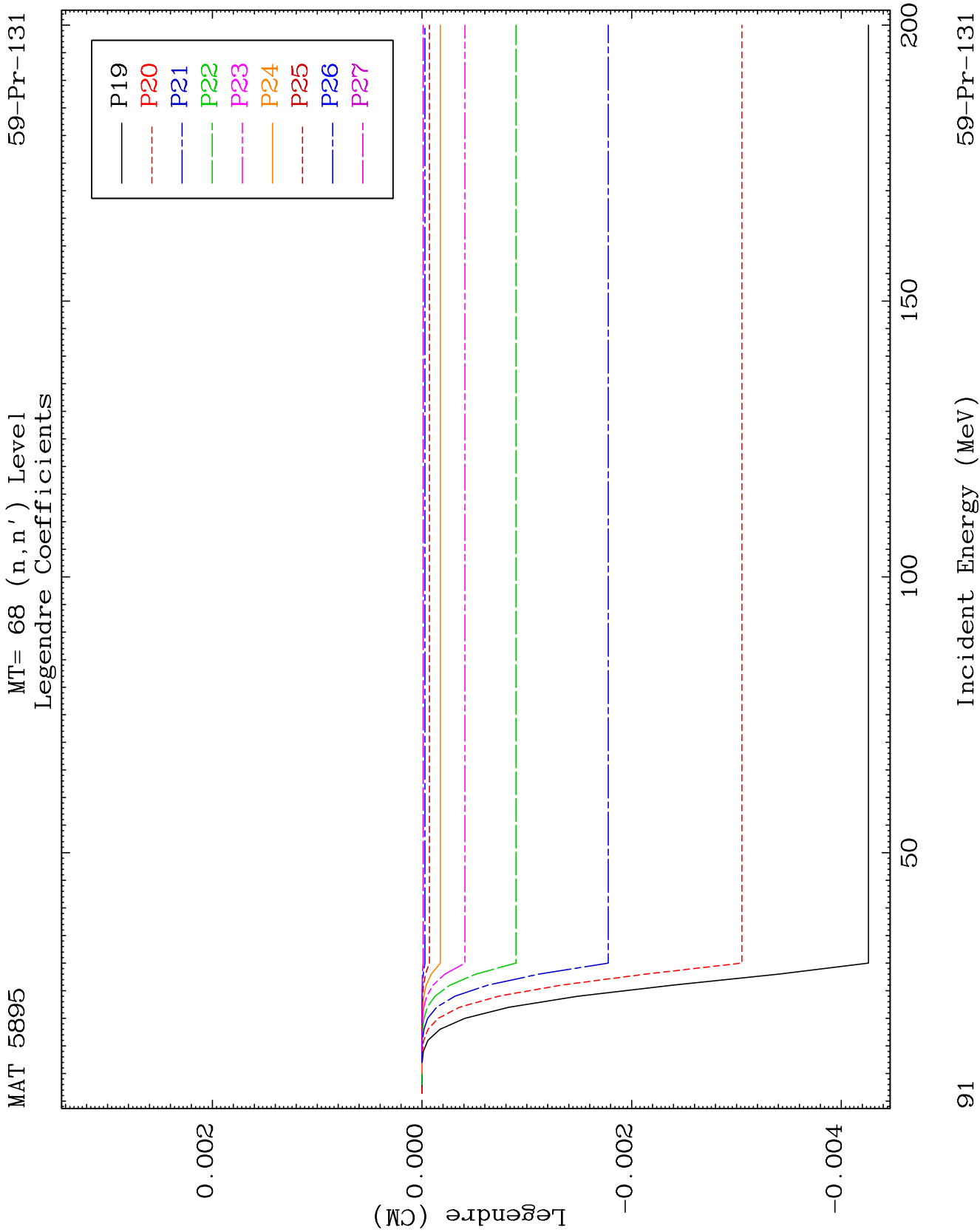


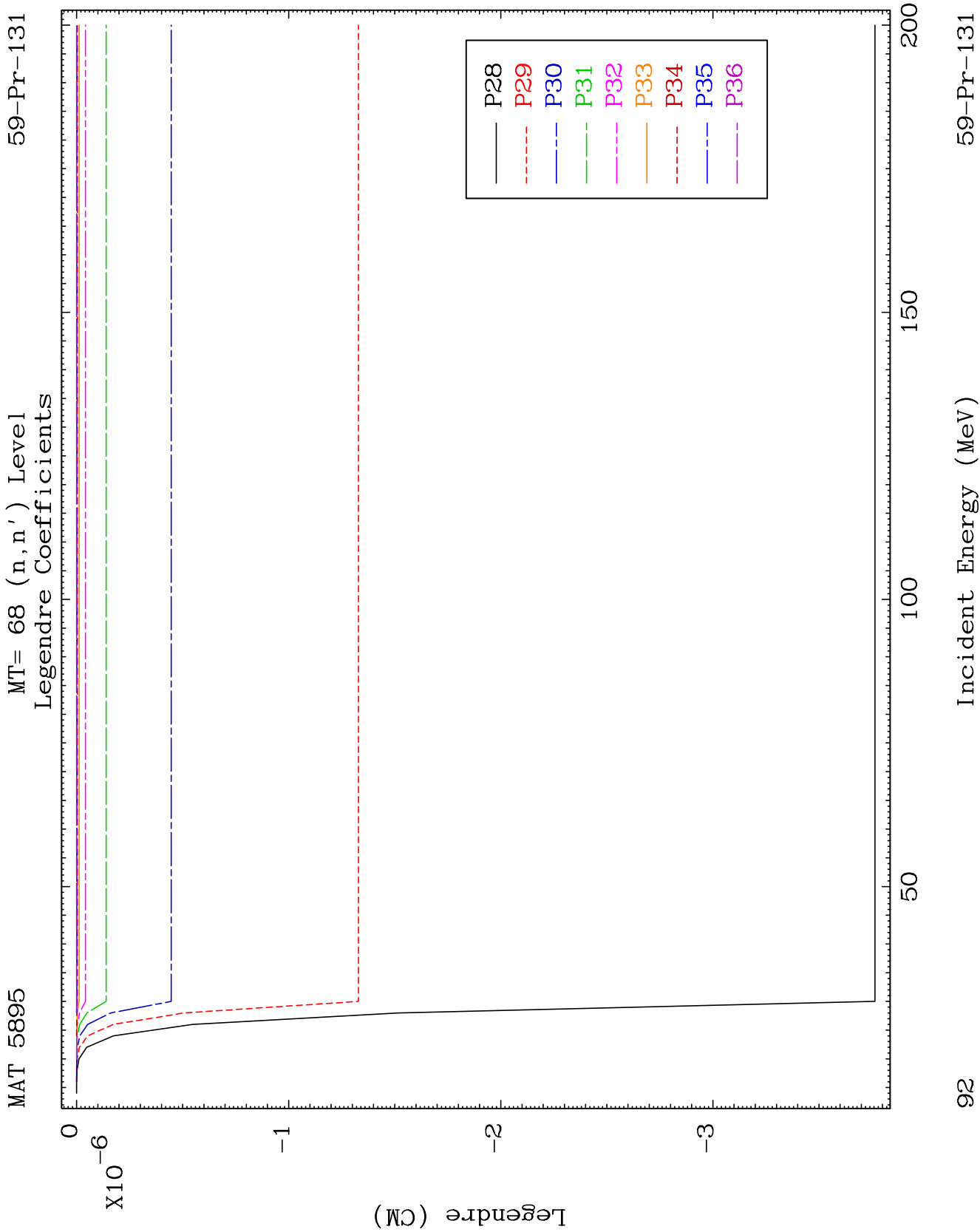
MAT 5895

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

59-Pr-131



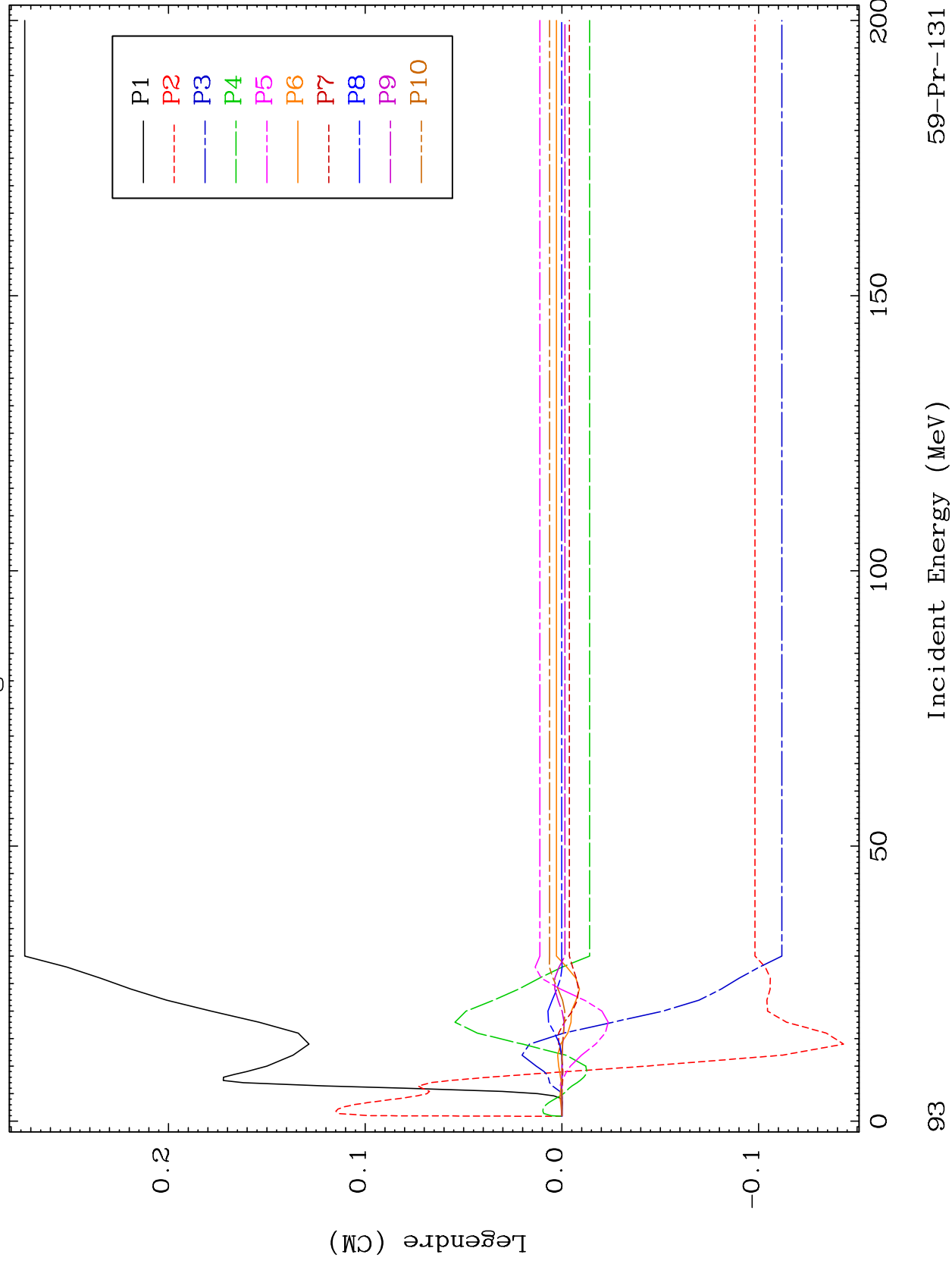




MAT 5895

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

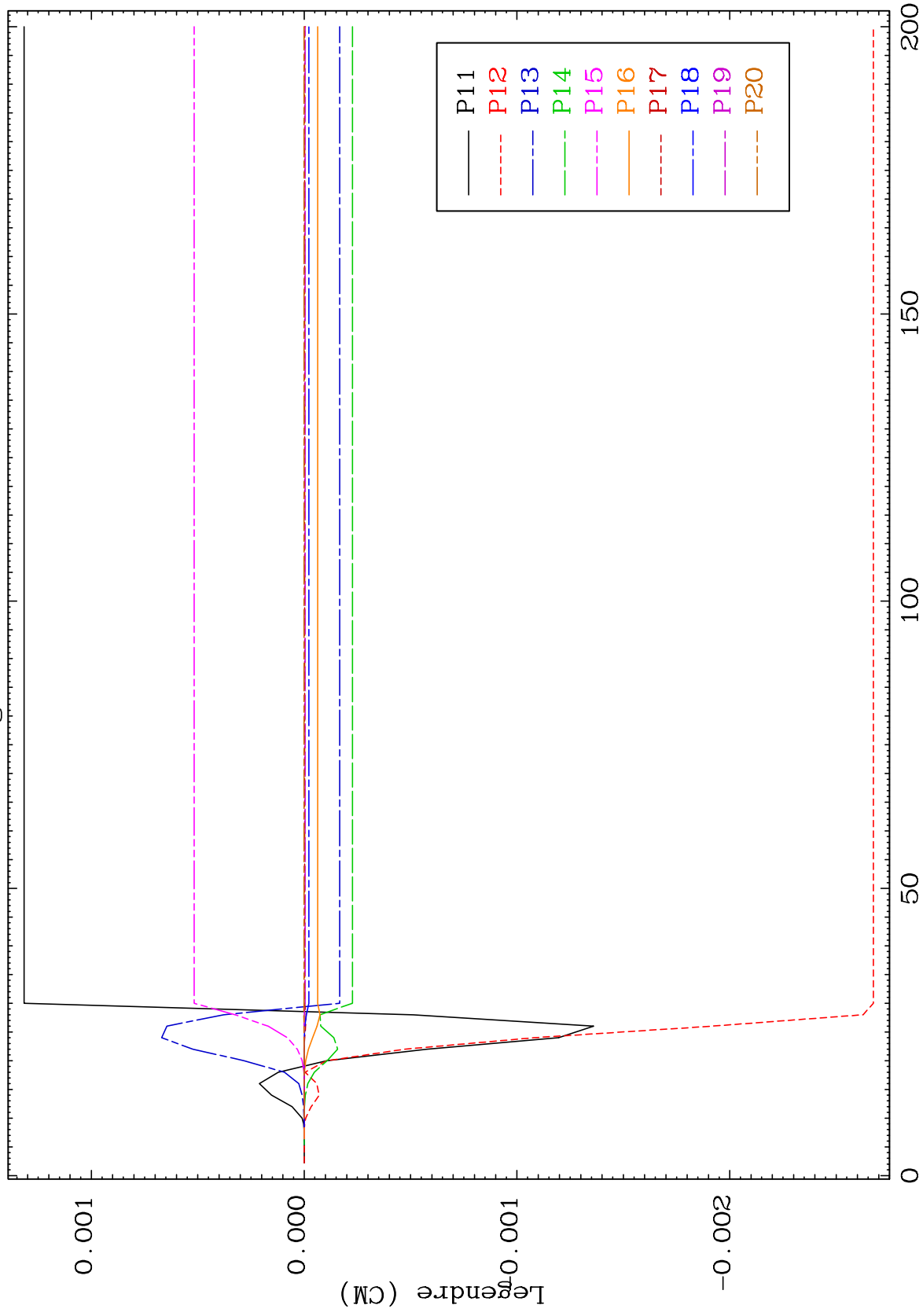
59-Pr-131



MAT 5895

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

59-Pr-131



59-Pr-131

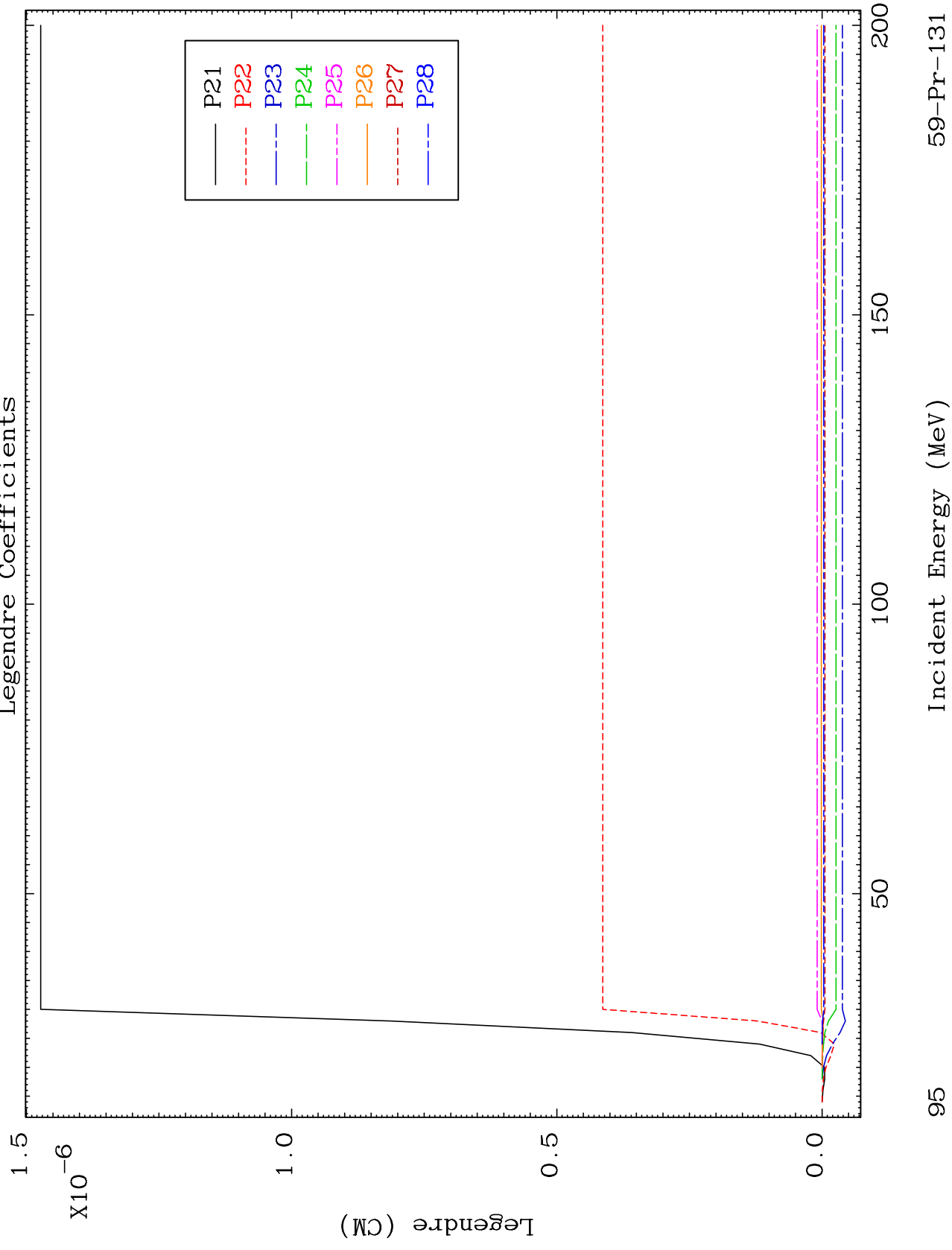
Incident Energy (MeV)

94

MAT 5895

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

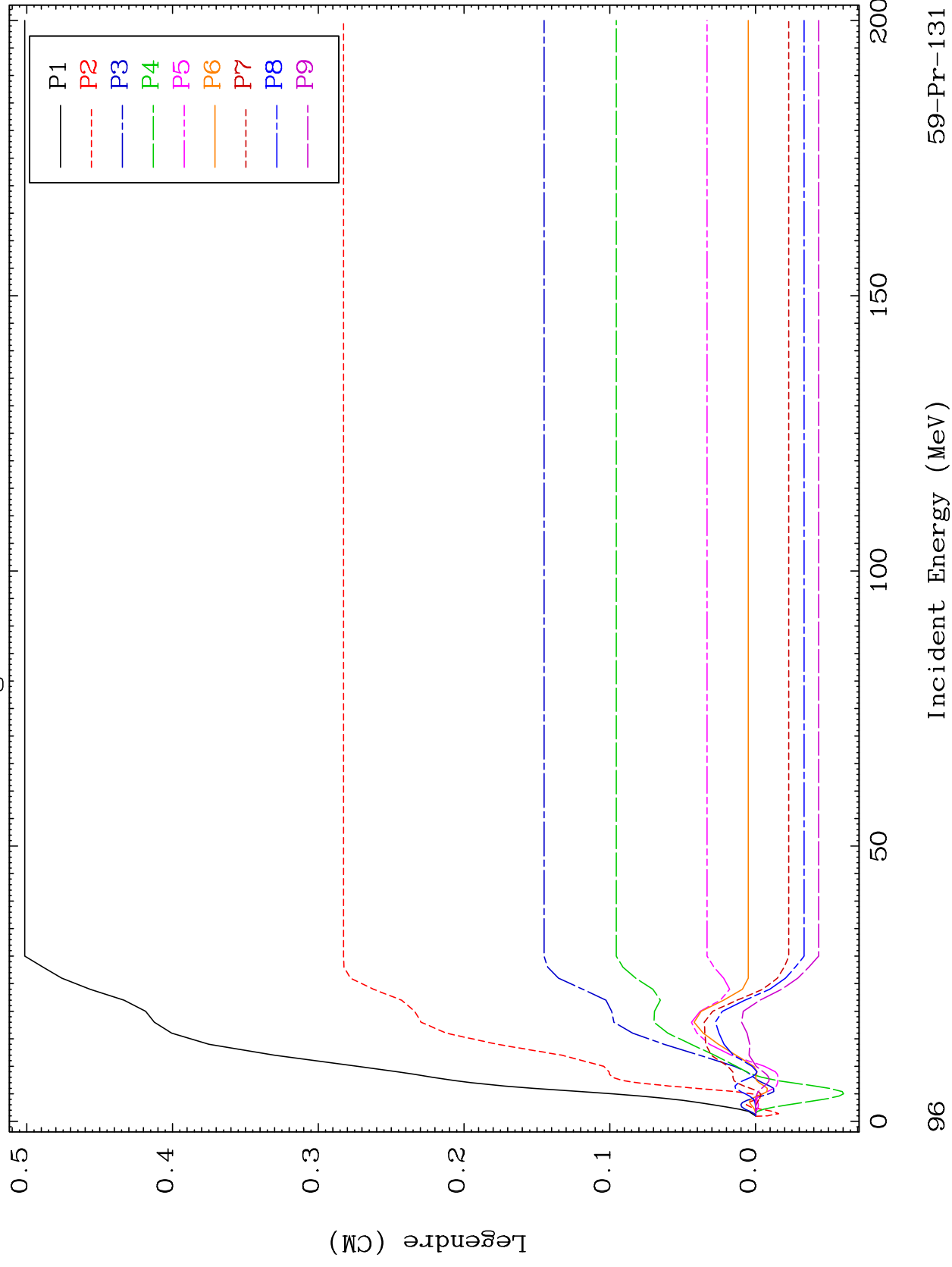
59-Pr-131

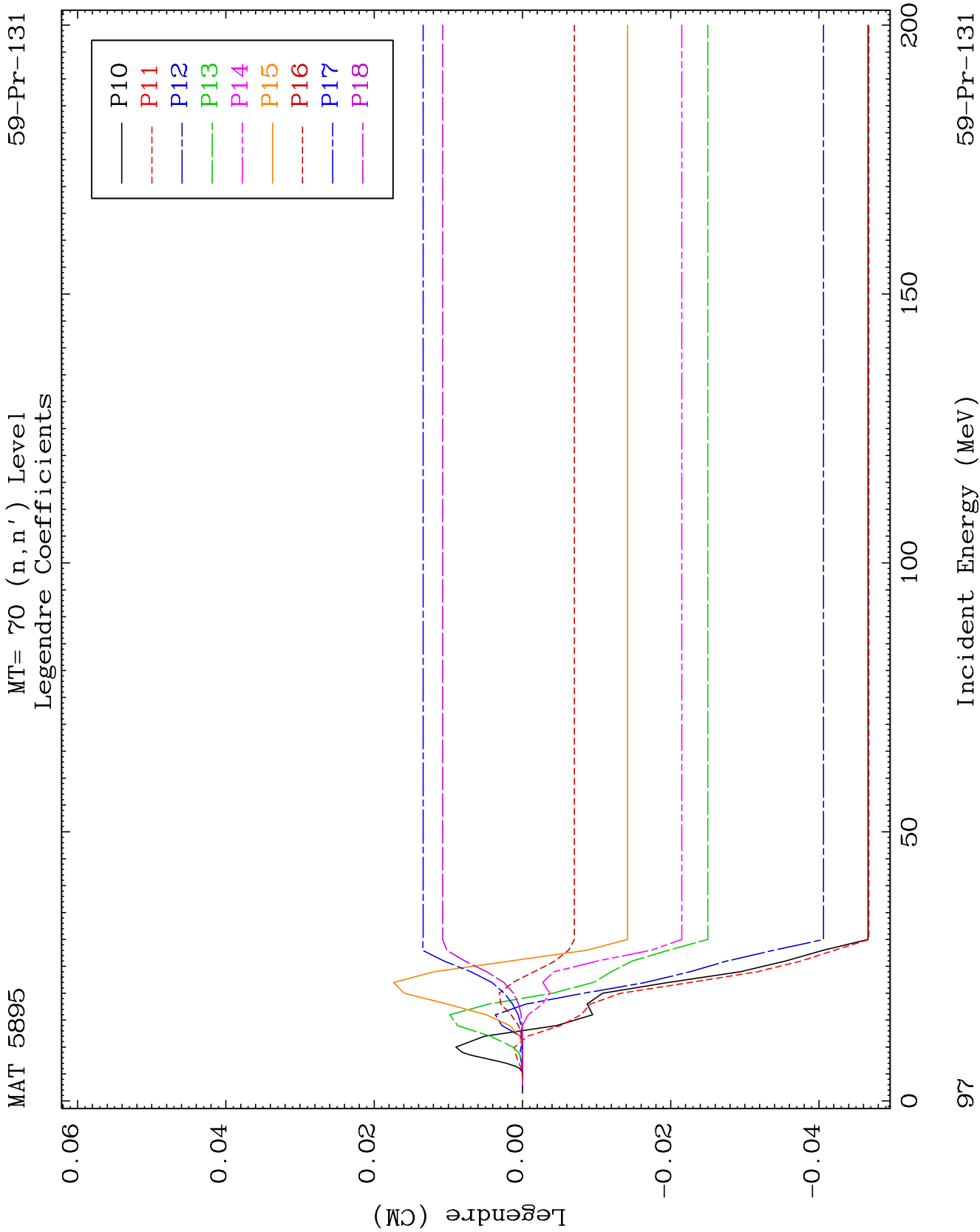


MAT 5895

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

59-Pr-131

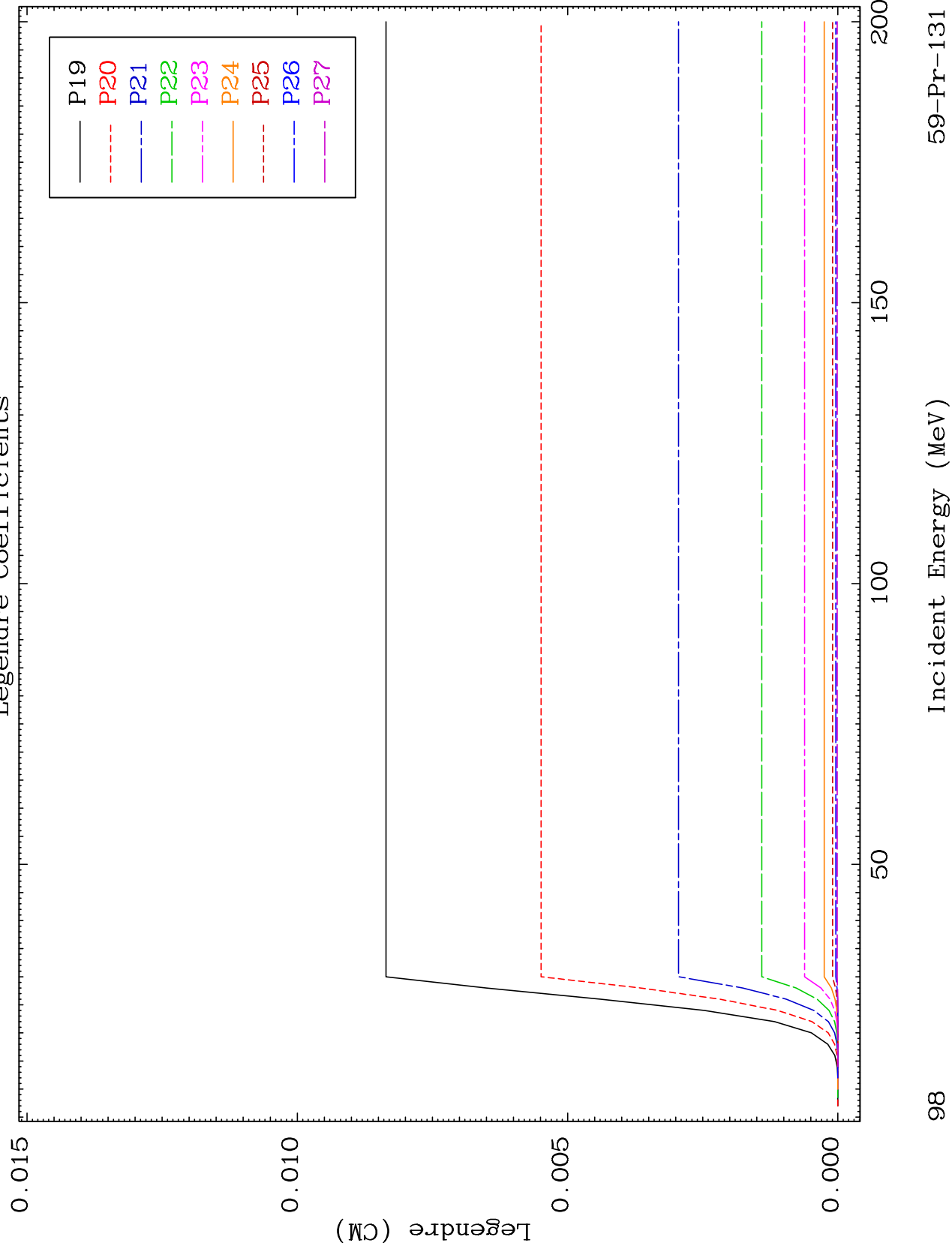




MAT 5895

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

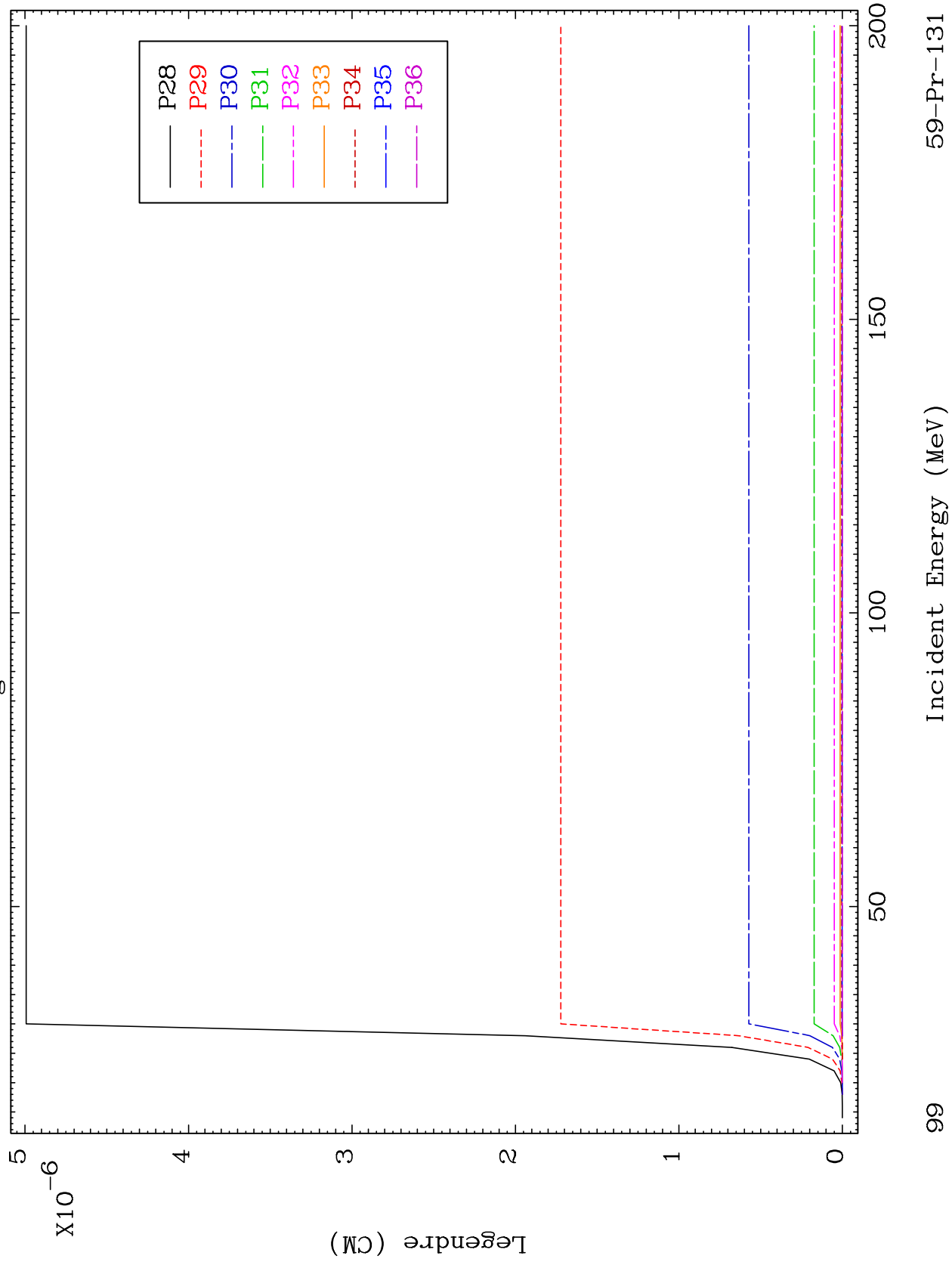
59-Pr-131



MAT 5895

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

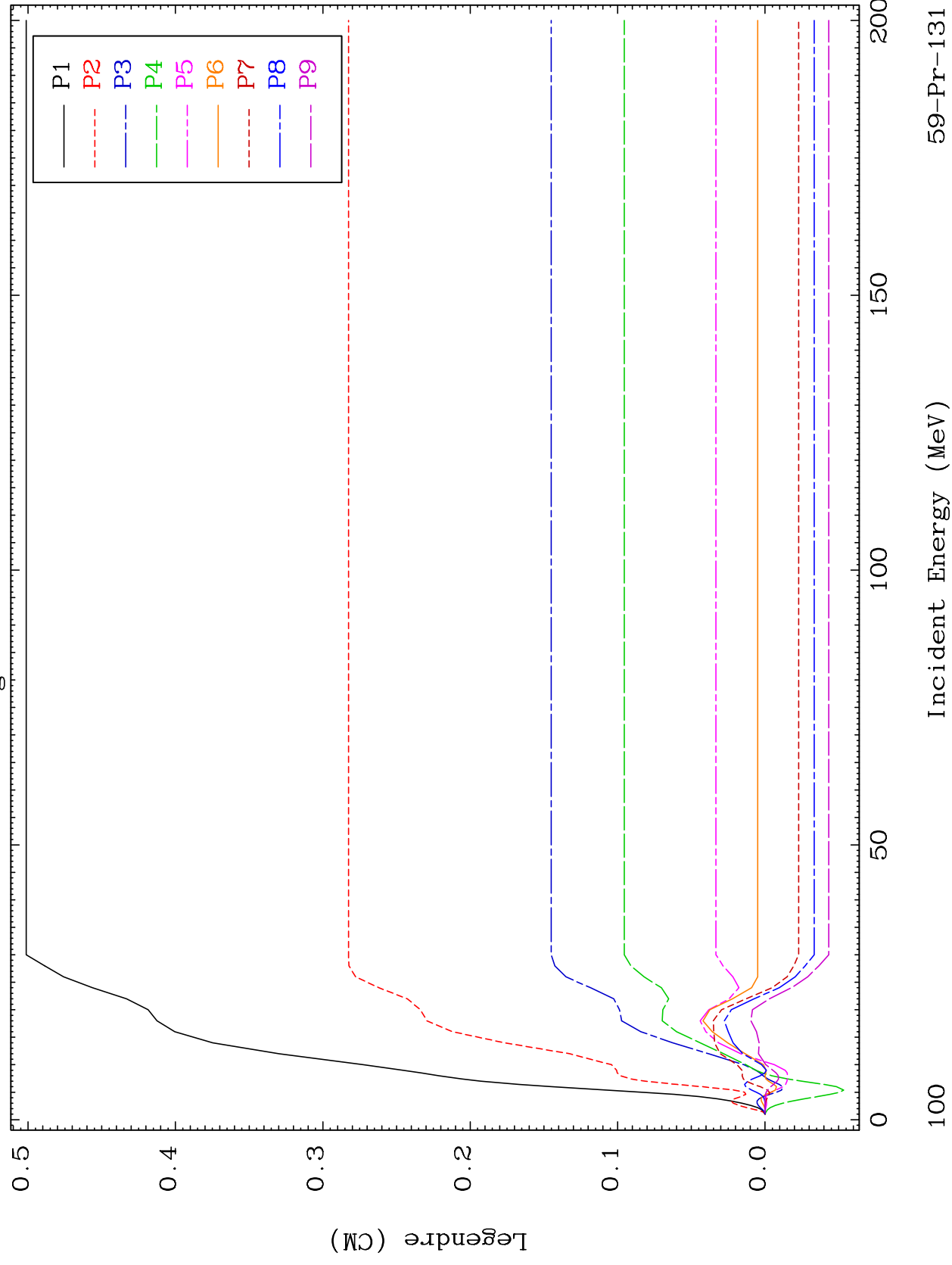
59-Pr-131



MAT 5895

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

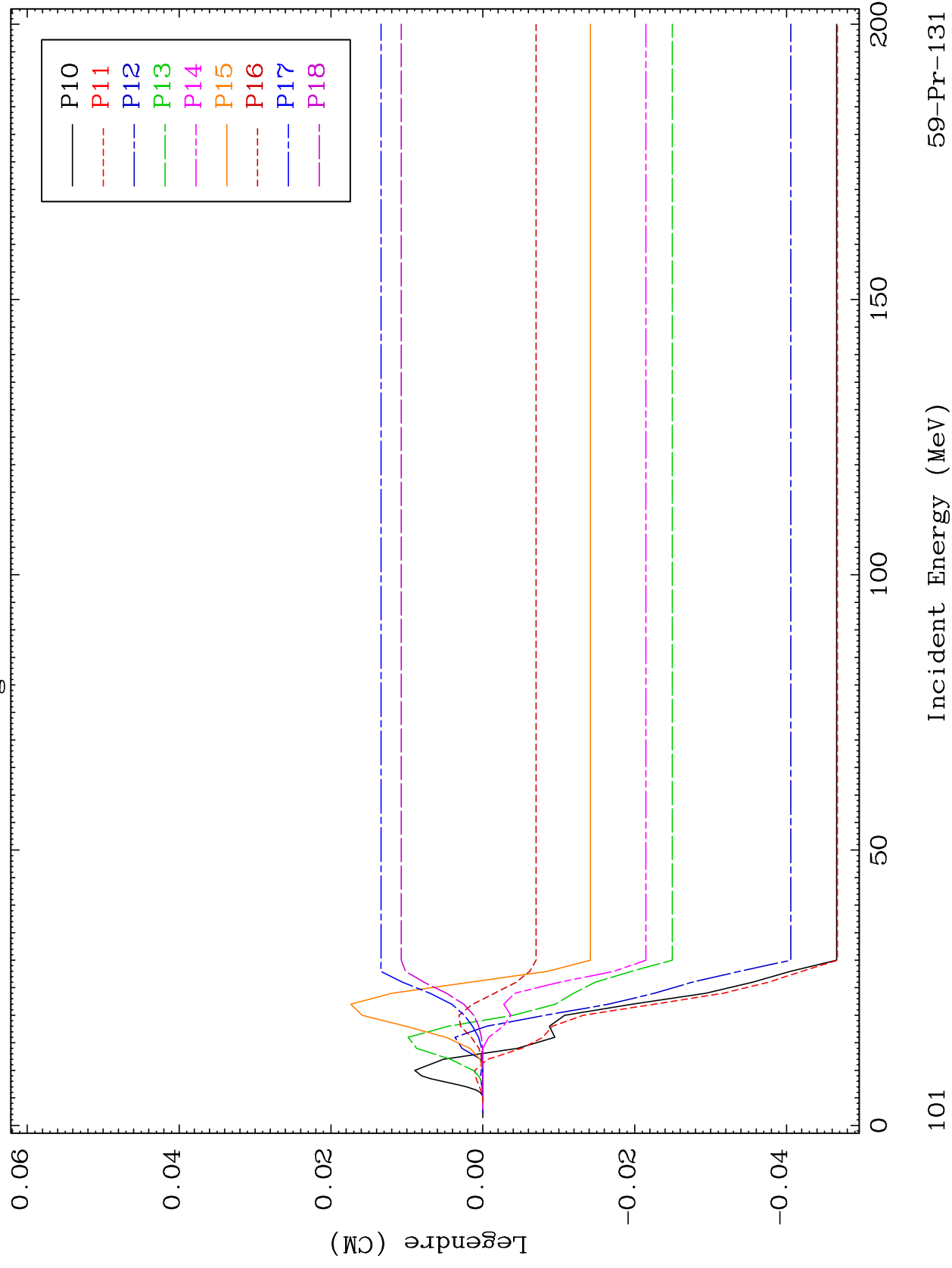
59-Pr-131

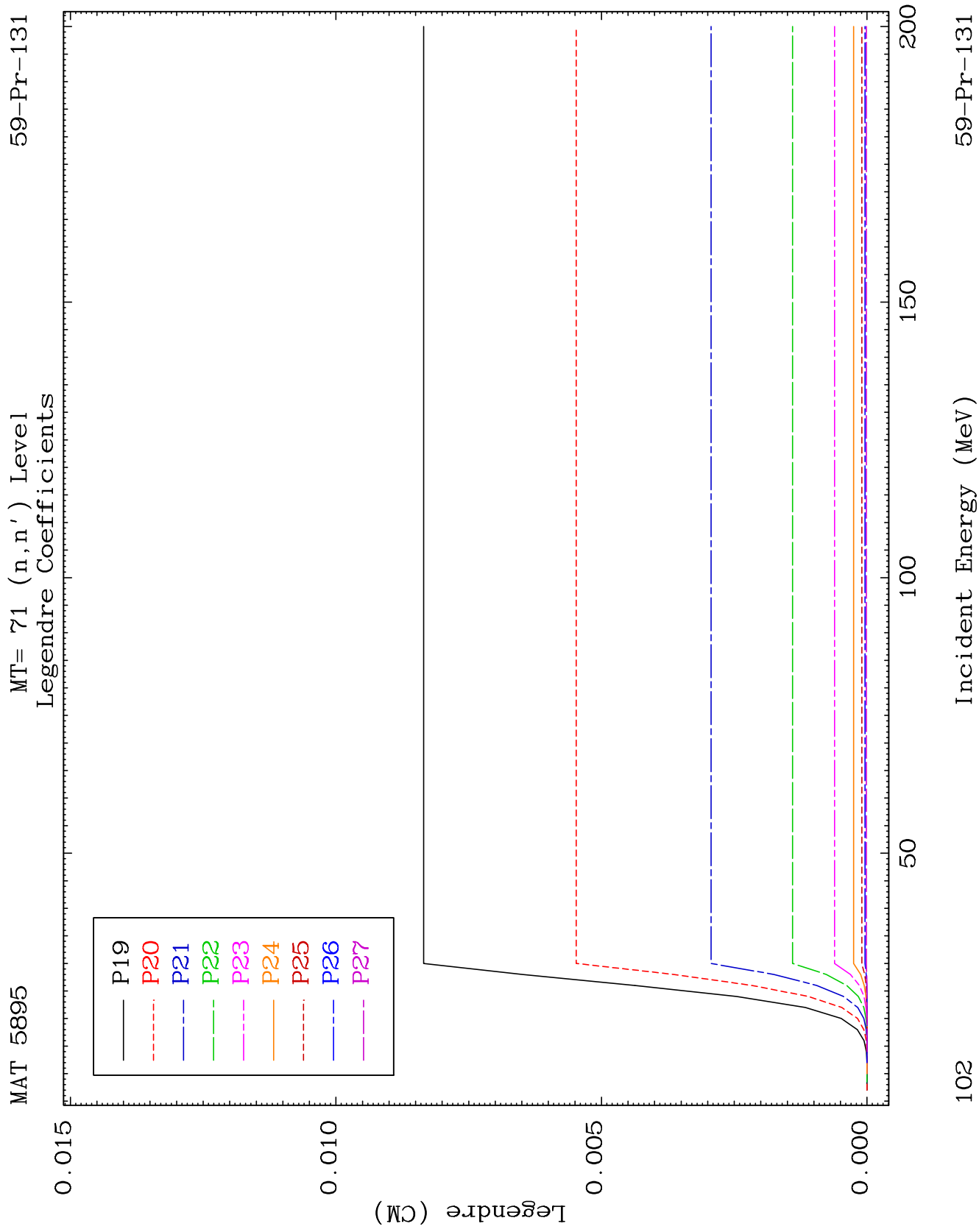


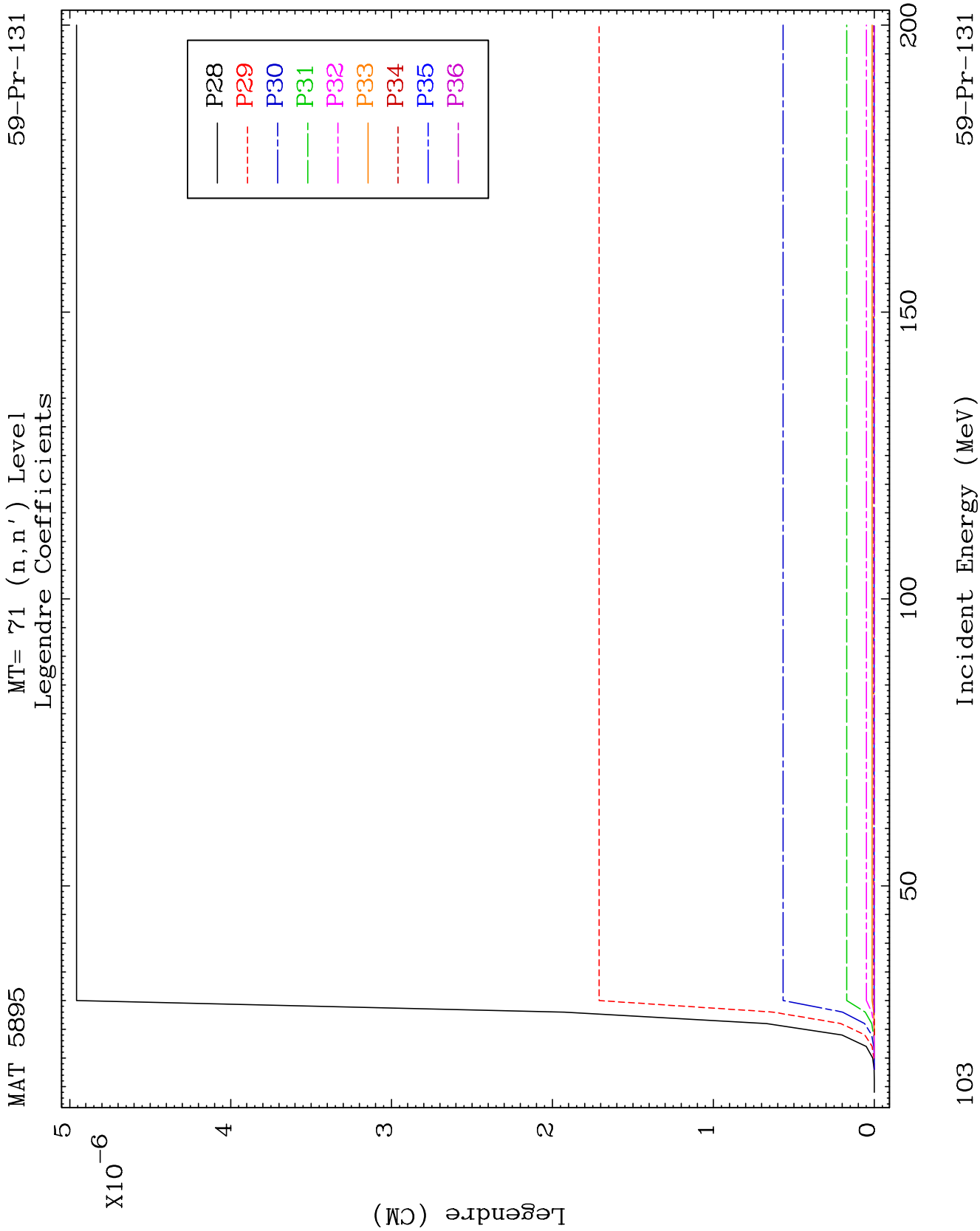
MAT 5895

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

59-Pr-131



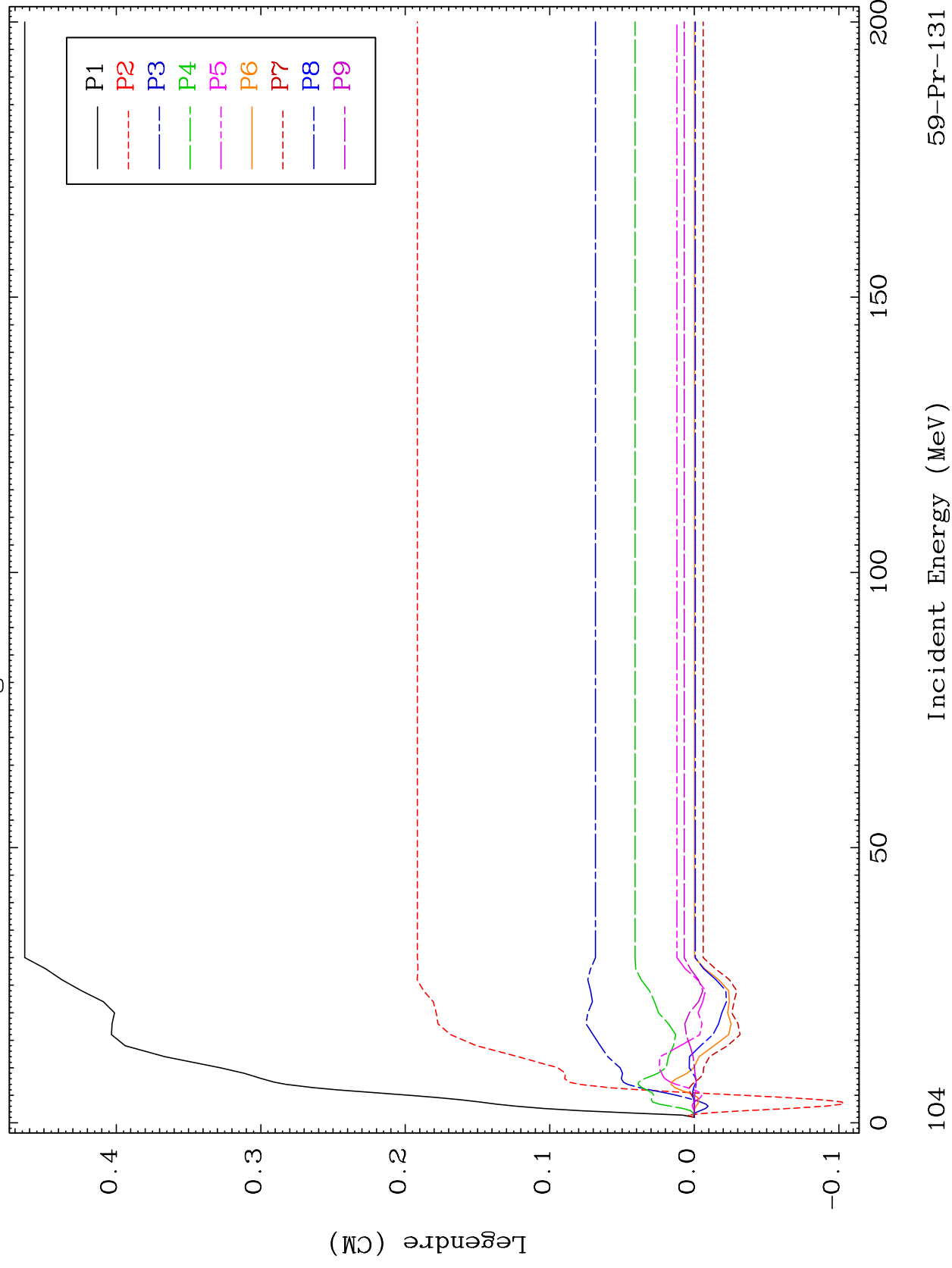


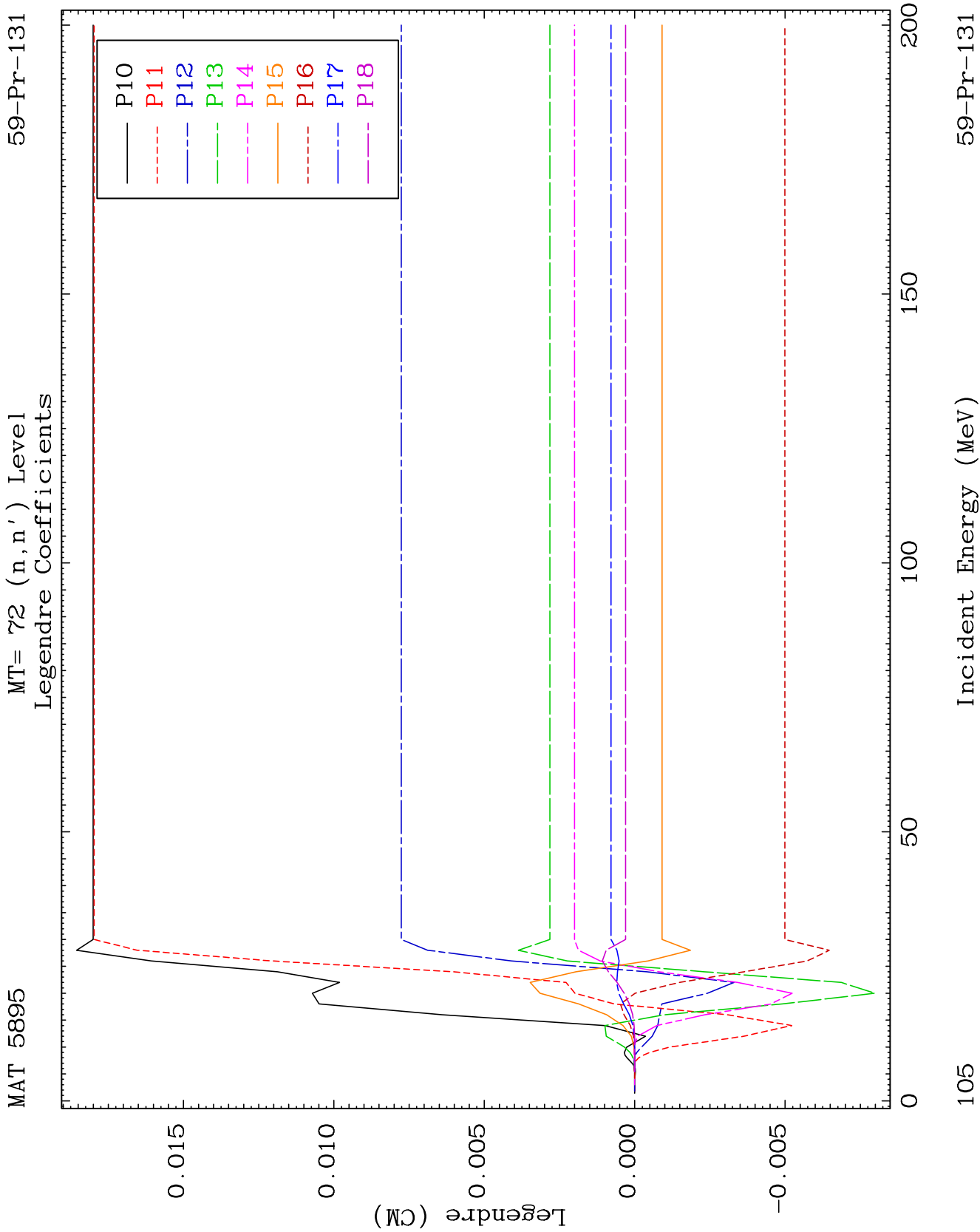


MAT 5895

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

59-Pr-131

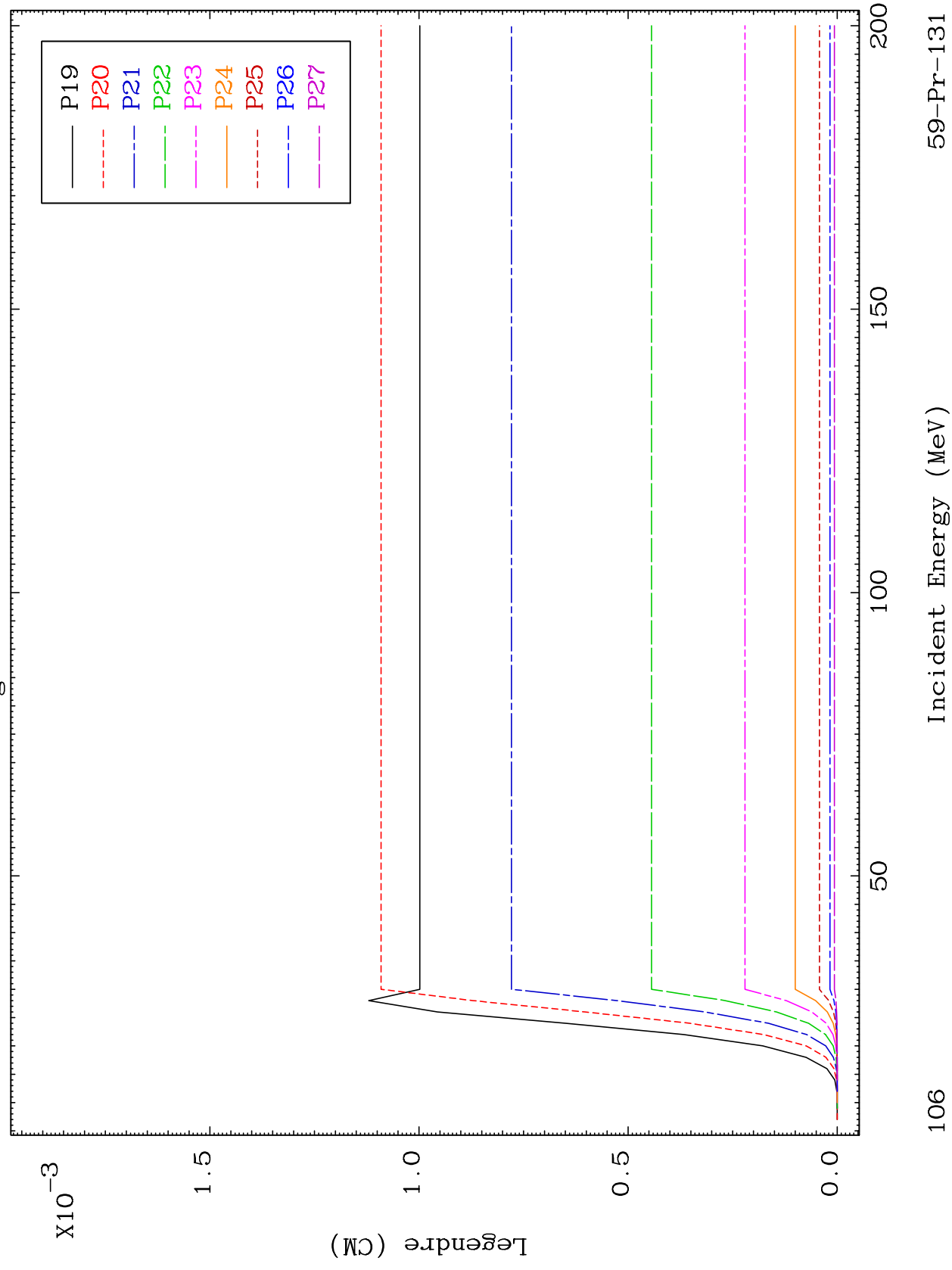


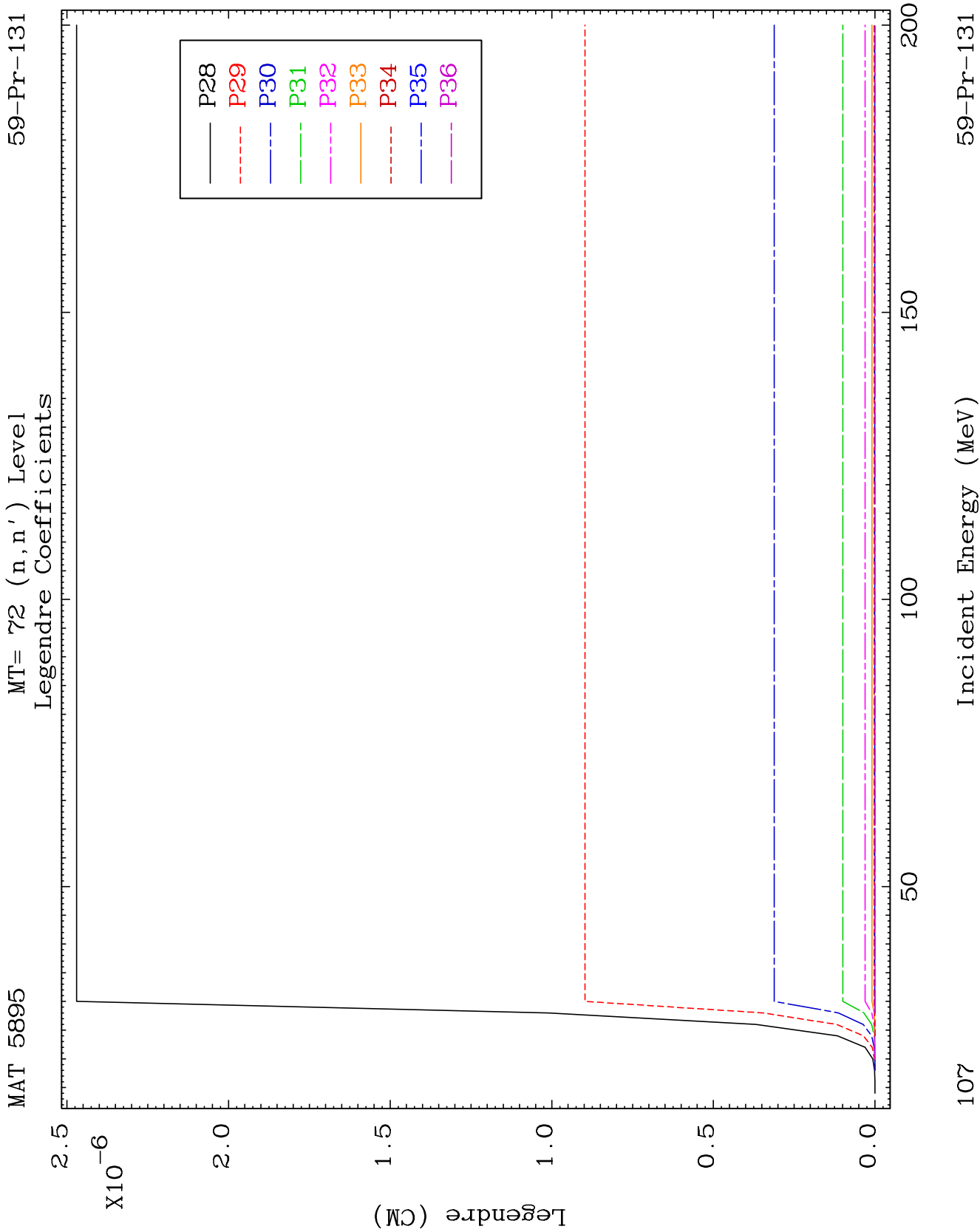


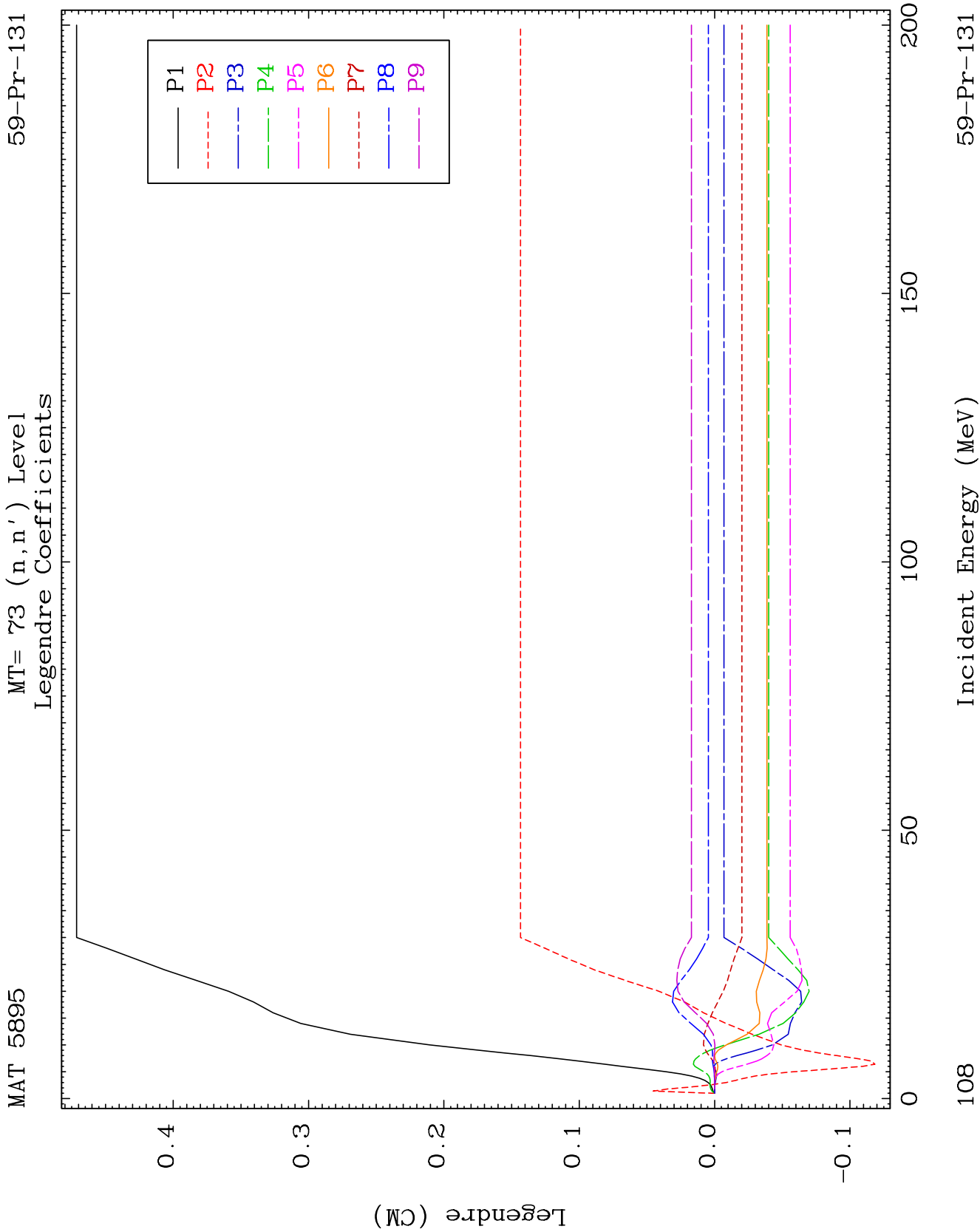
MAT 5895

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

59-Pr-131



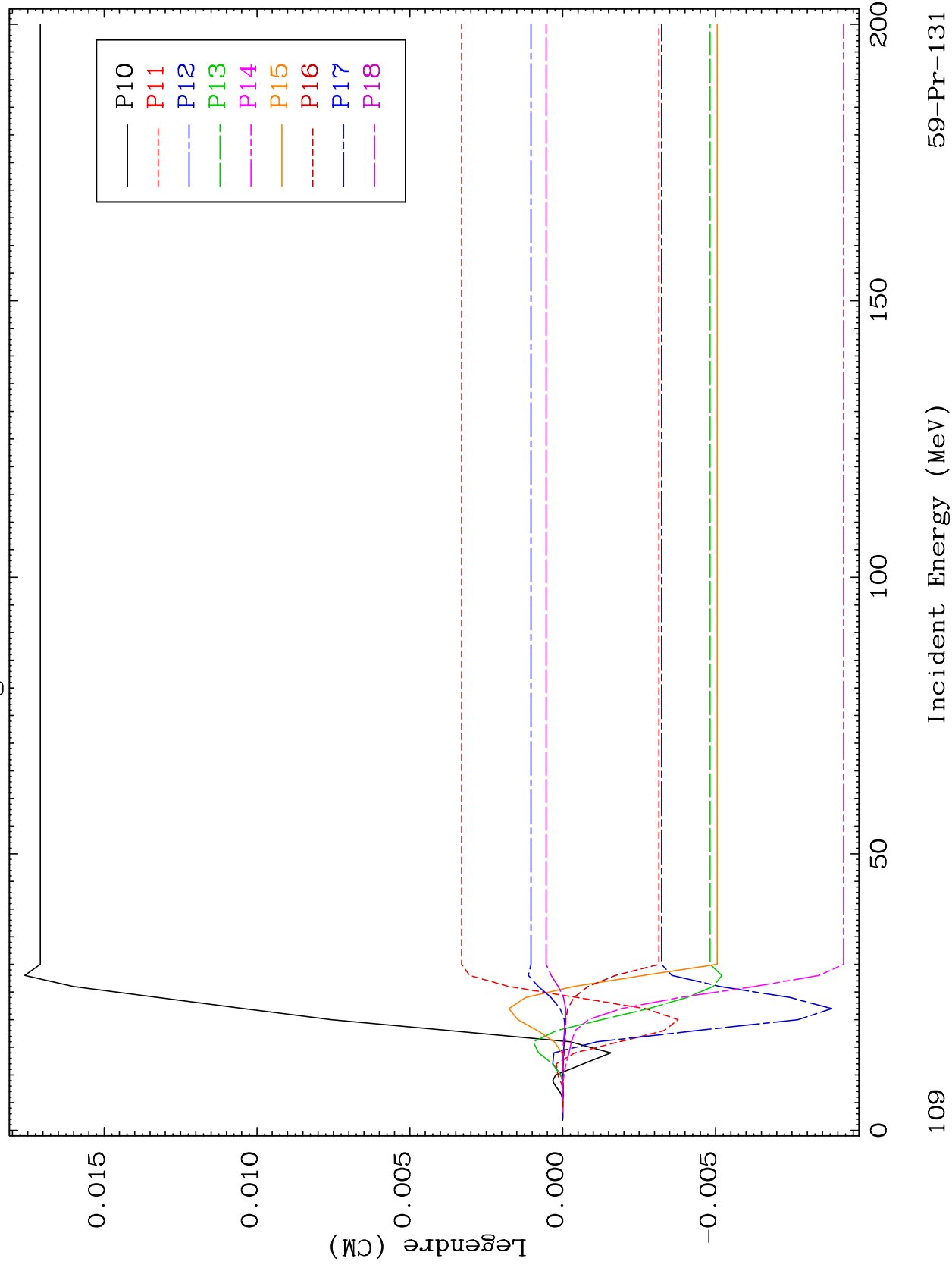


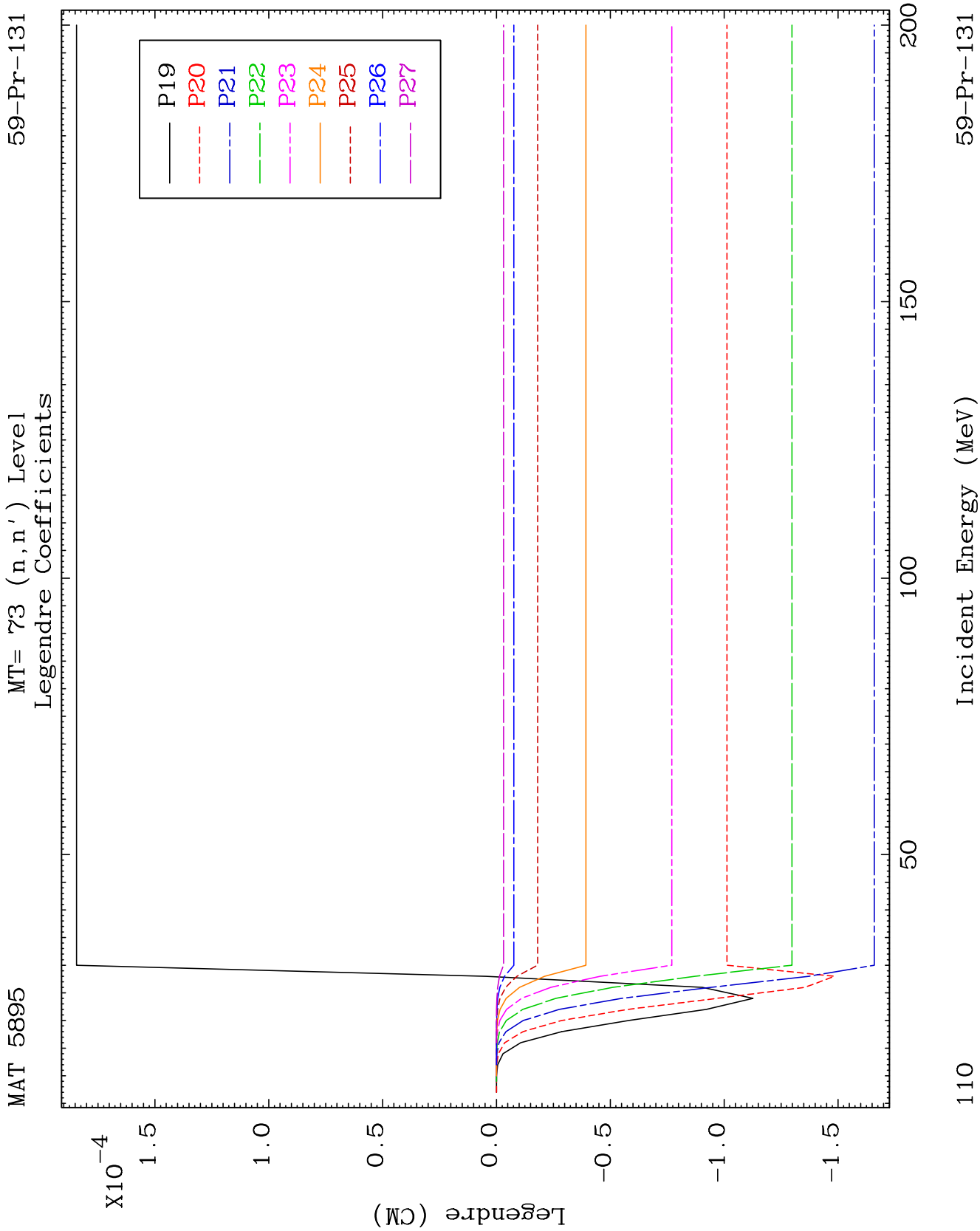


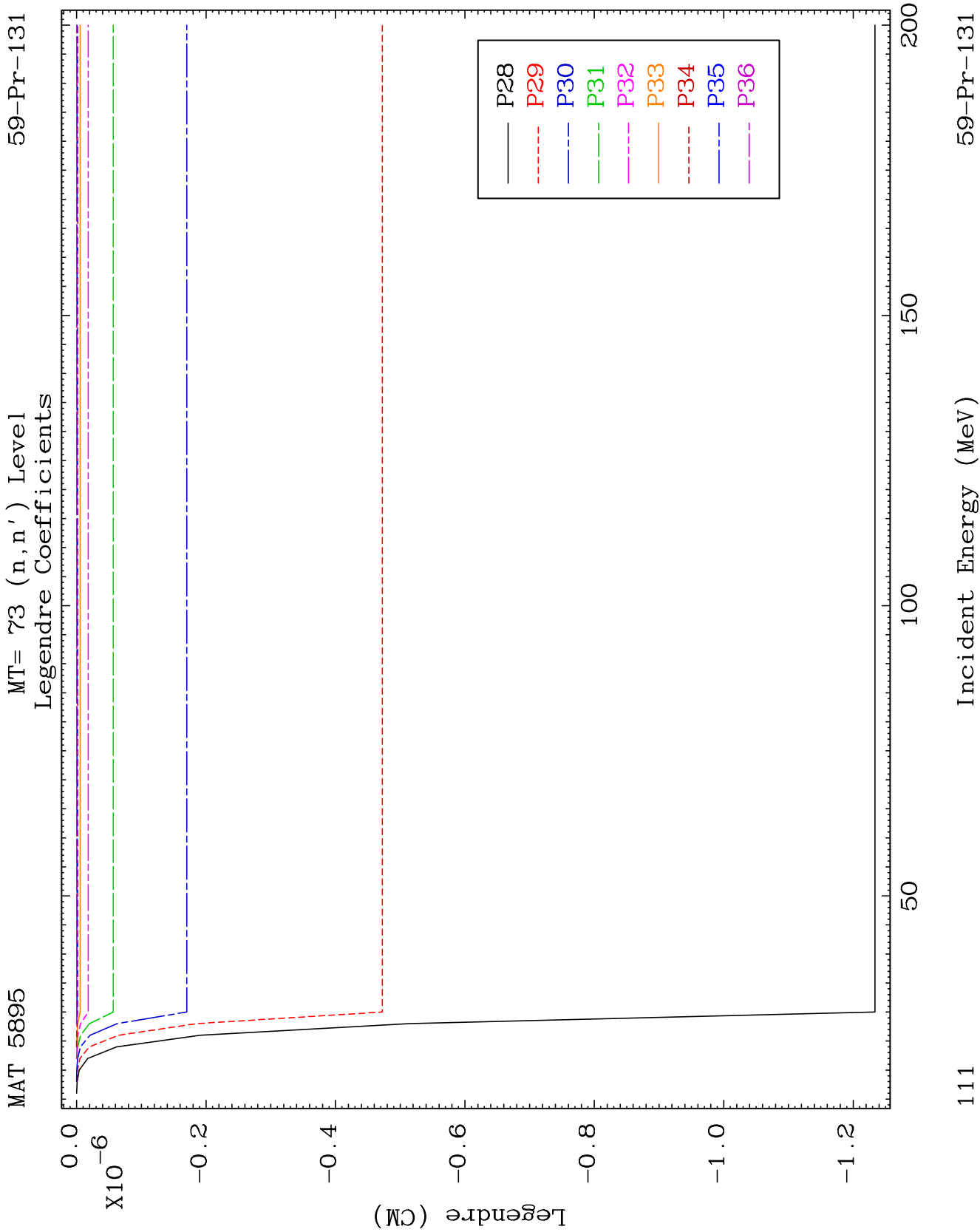
MAT 5895

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

59-Pr-131



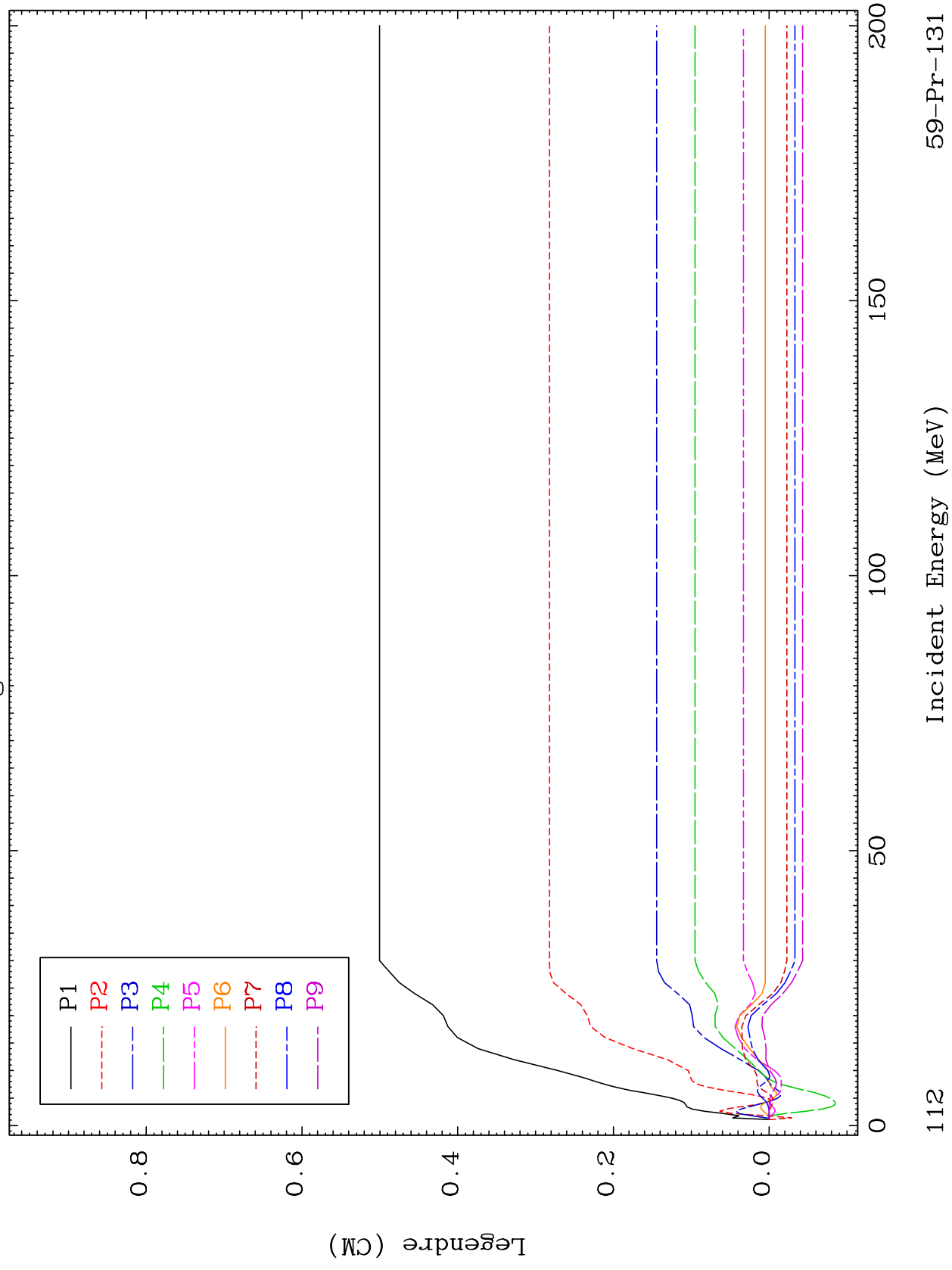


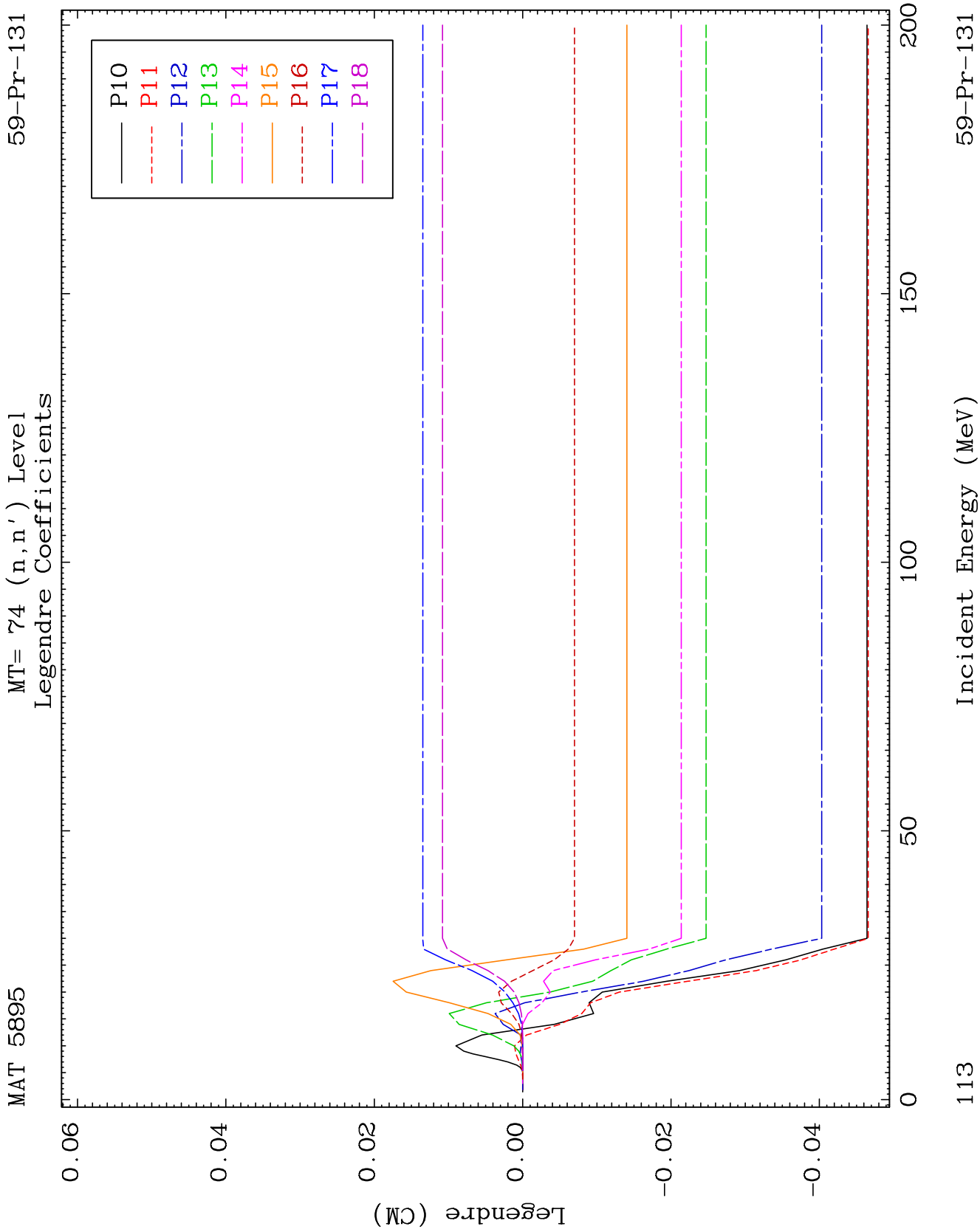


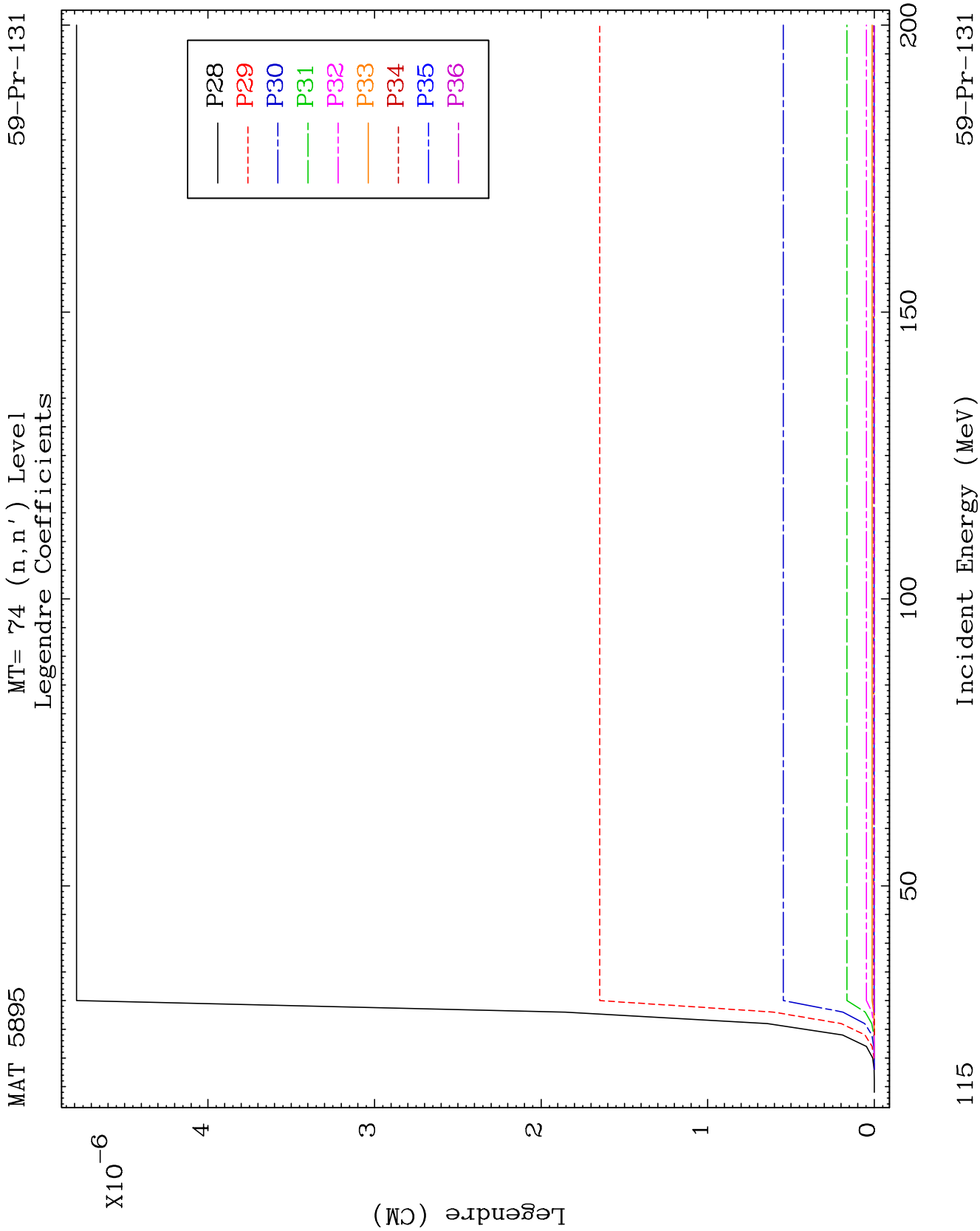
MAT 5895

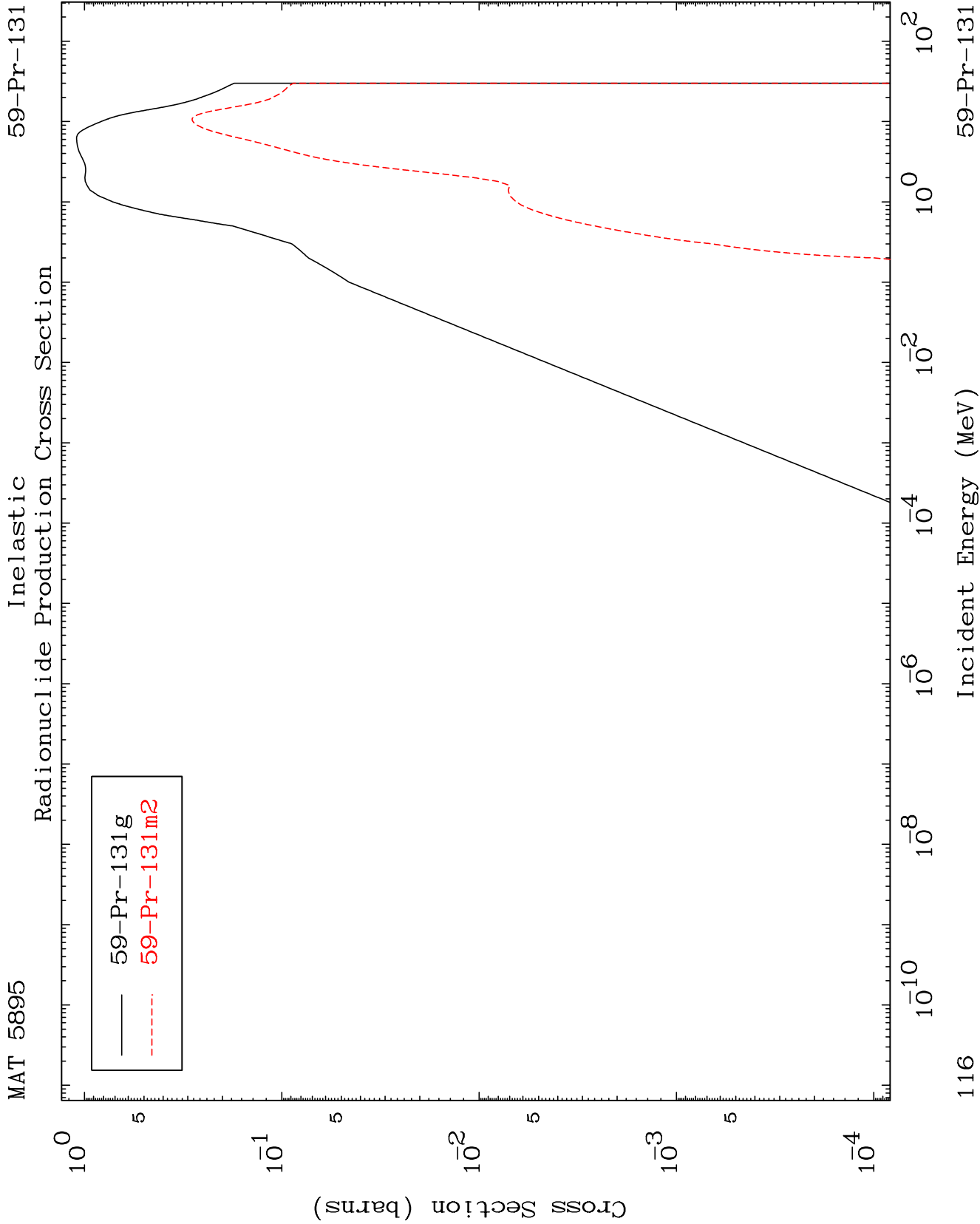
MT= 74 (n, n') Level
Legendre Coefficients

59-Pr-131





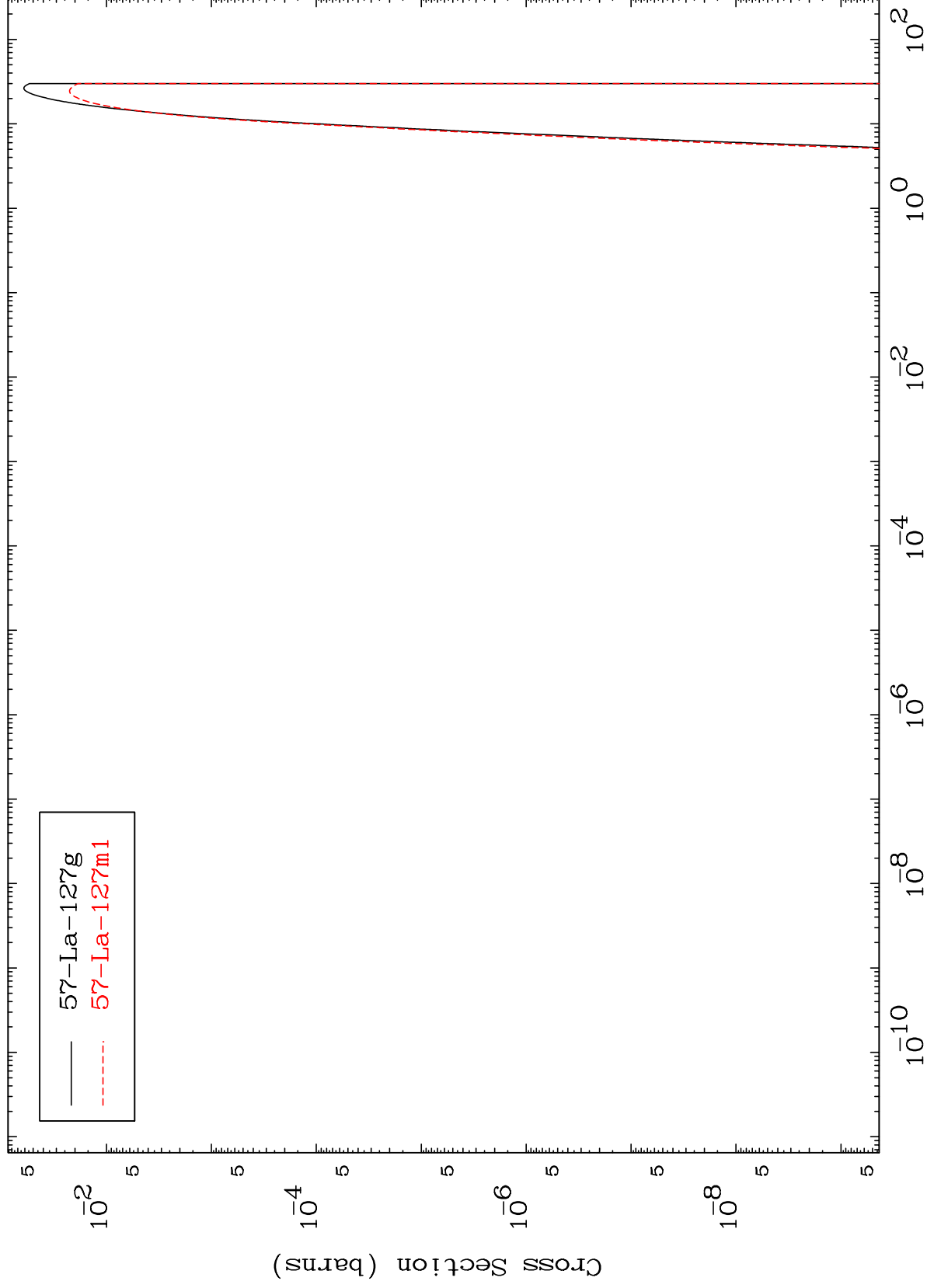




MAT 5895

59-Pr-131

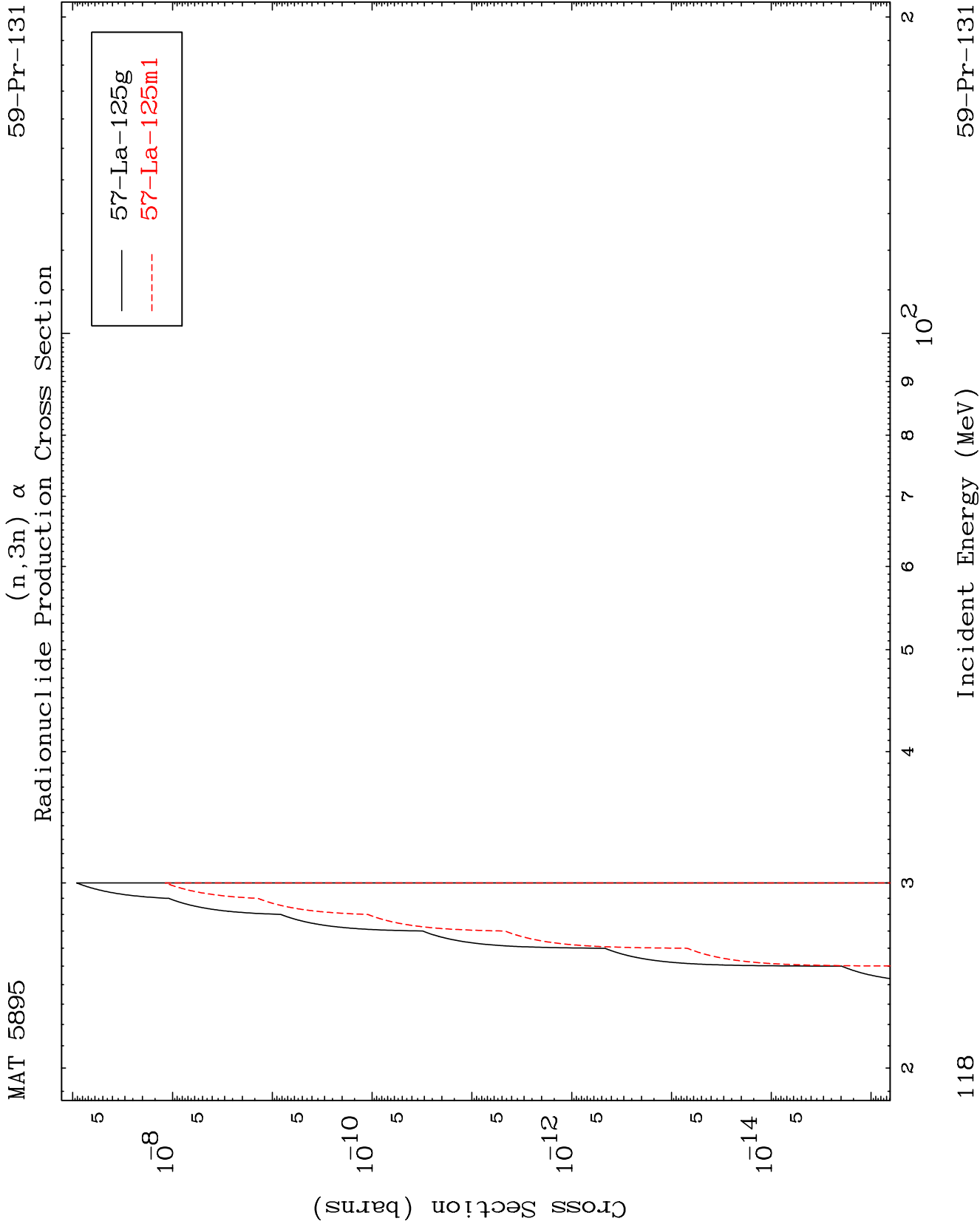
(n,n') α
Radionuclide Production Cross Section



59-Pr-131

Incident Energy (MeV)

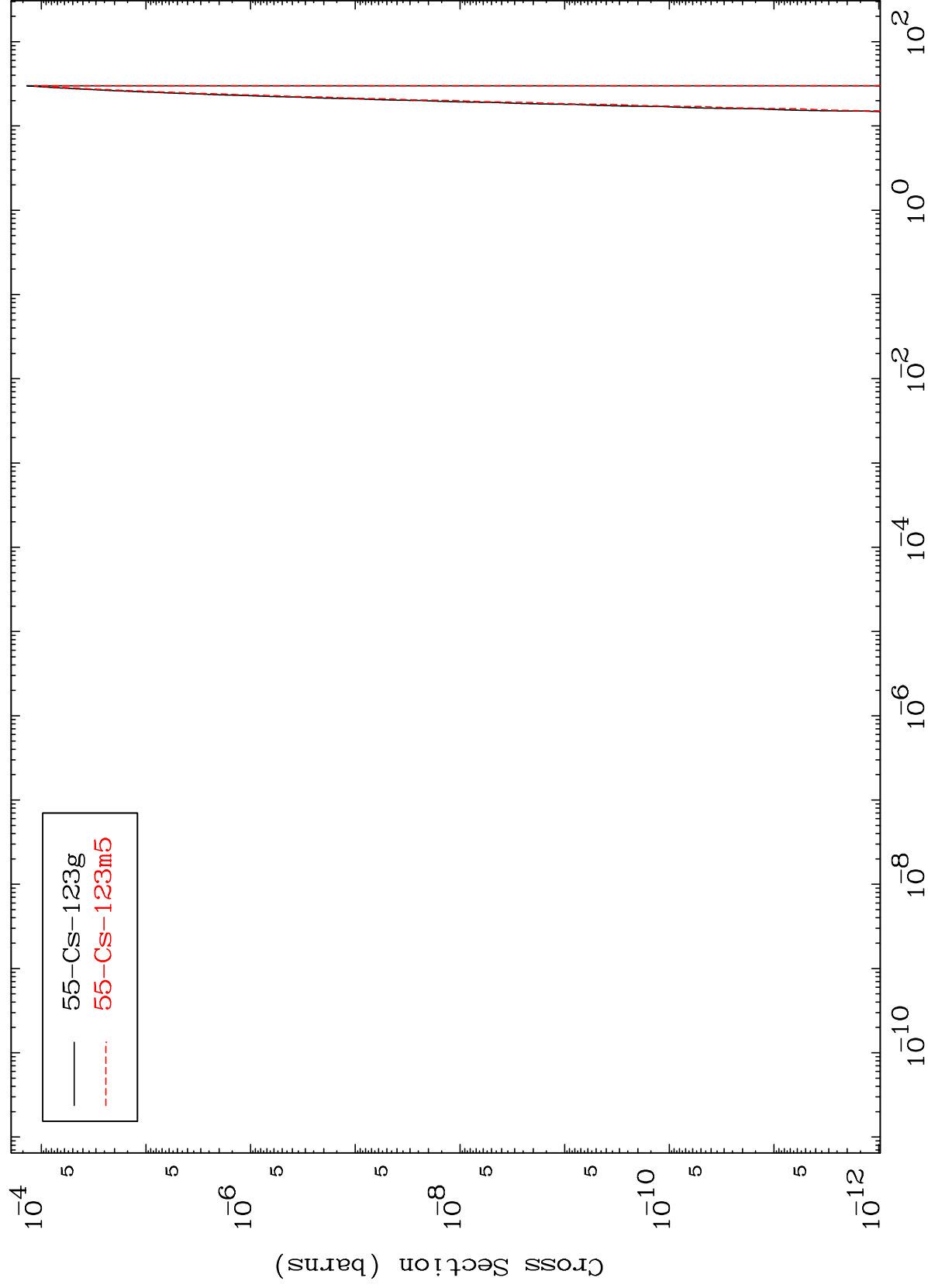
117



MAT 5895

59-Pr-131

(n,n') 2 α
Radionuclide Production Cross Section

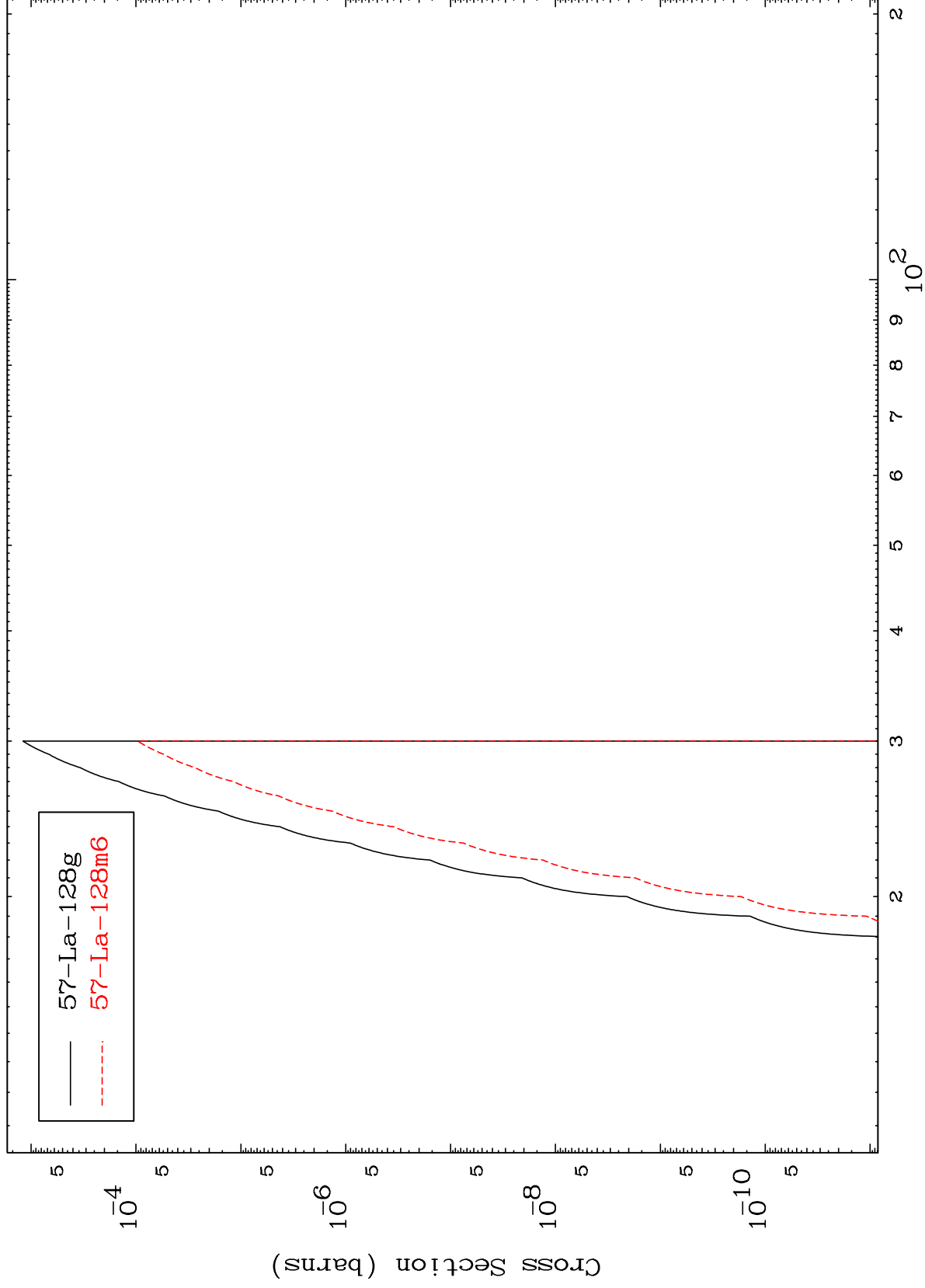


MAT 5895

(n,n') He-3

59-Pr-131

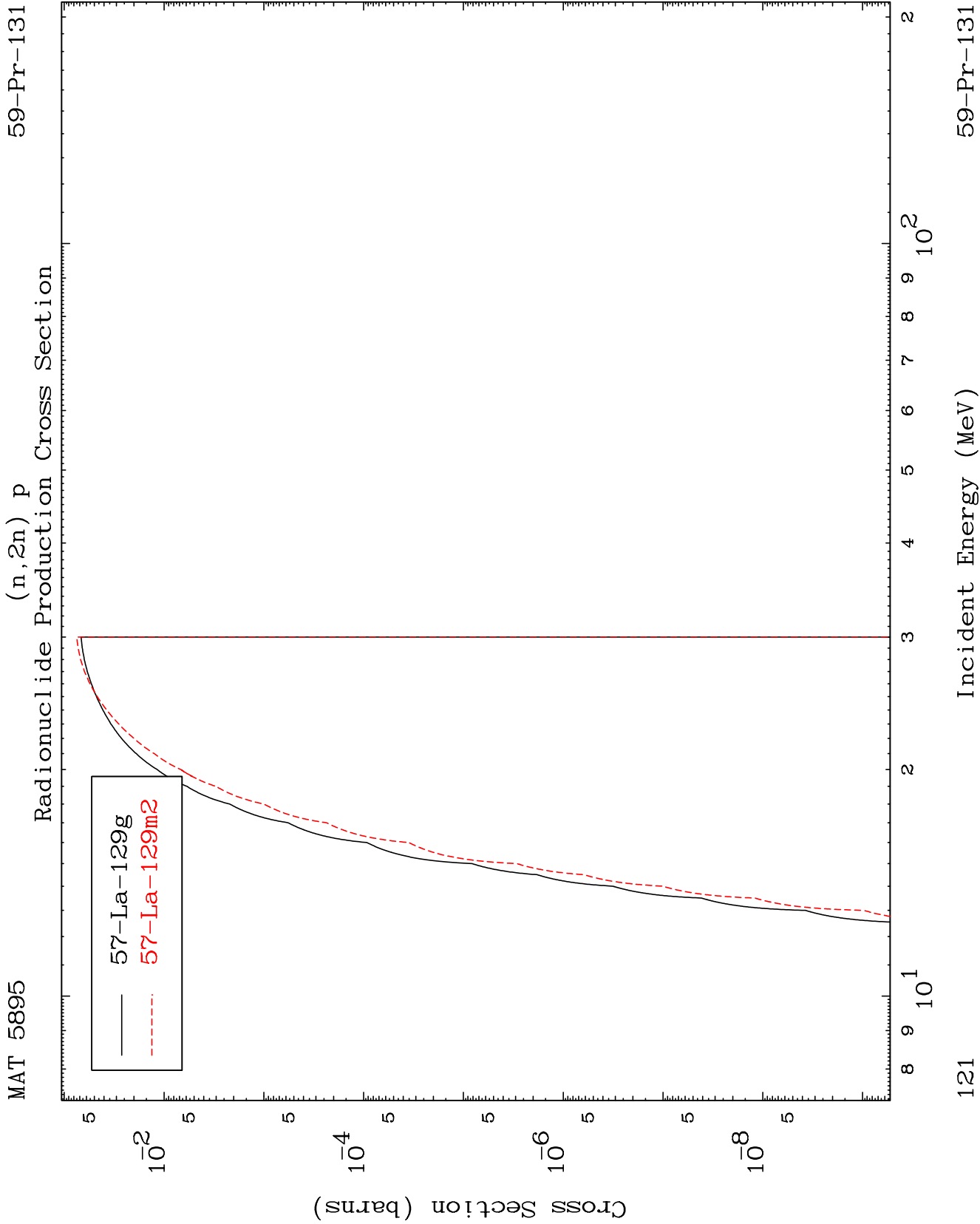
Radionuclide Production Cross Section



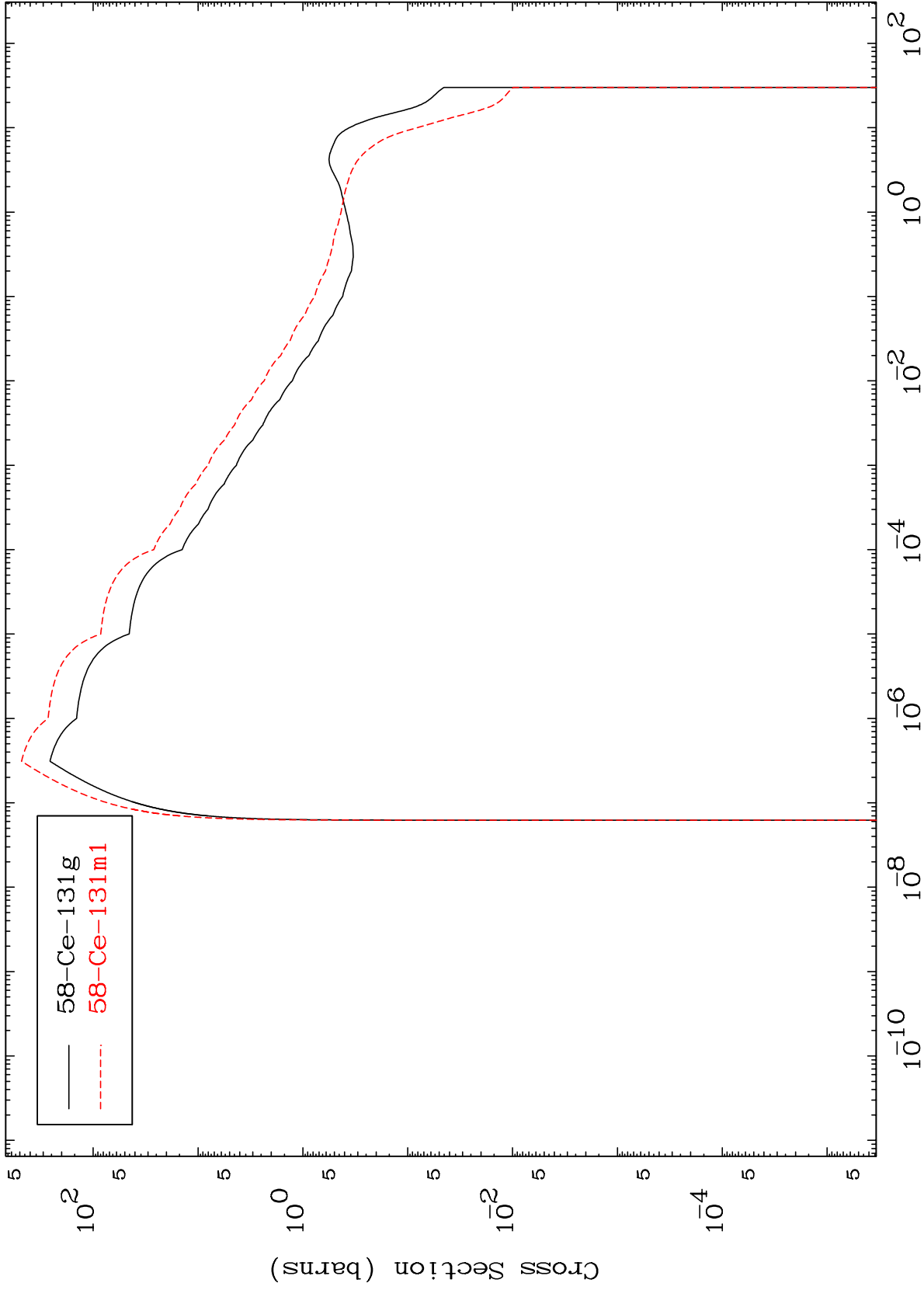
120

Incident Energy (MeV)

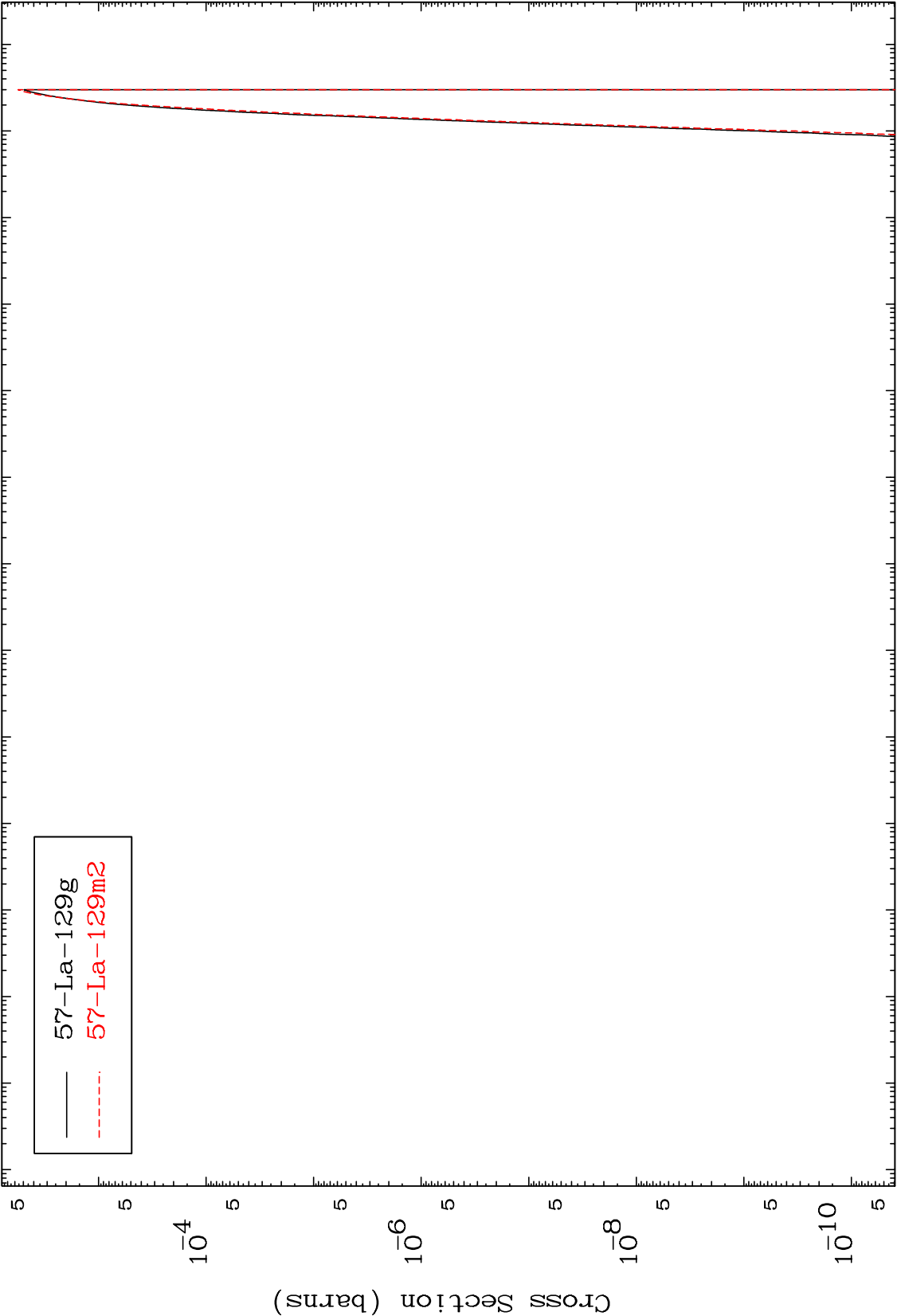
59-Pr-131



Radionuclide Production Cross Section (n,p)



Radionuclide Production Cross Section

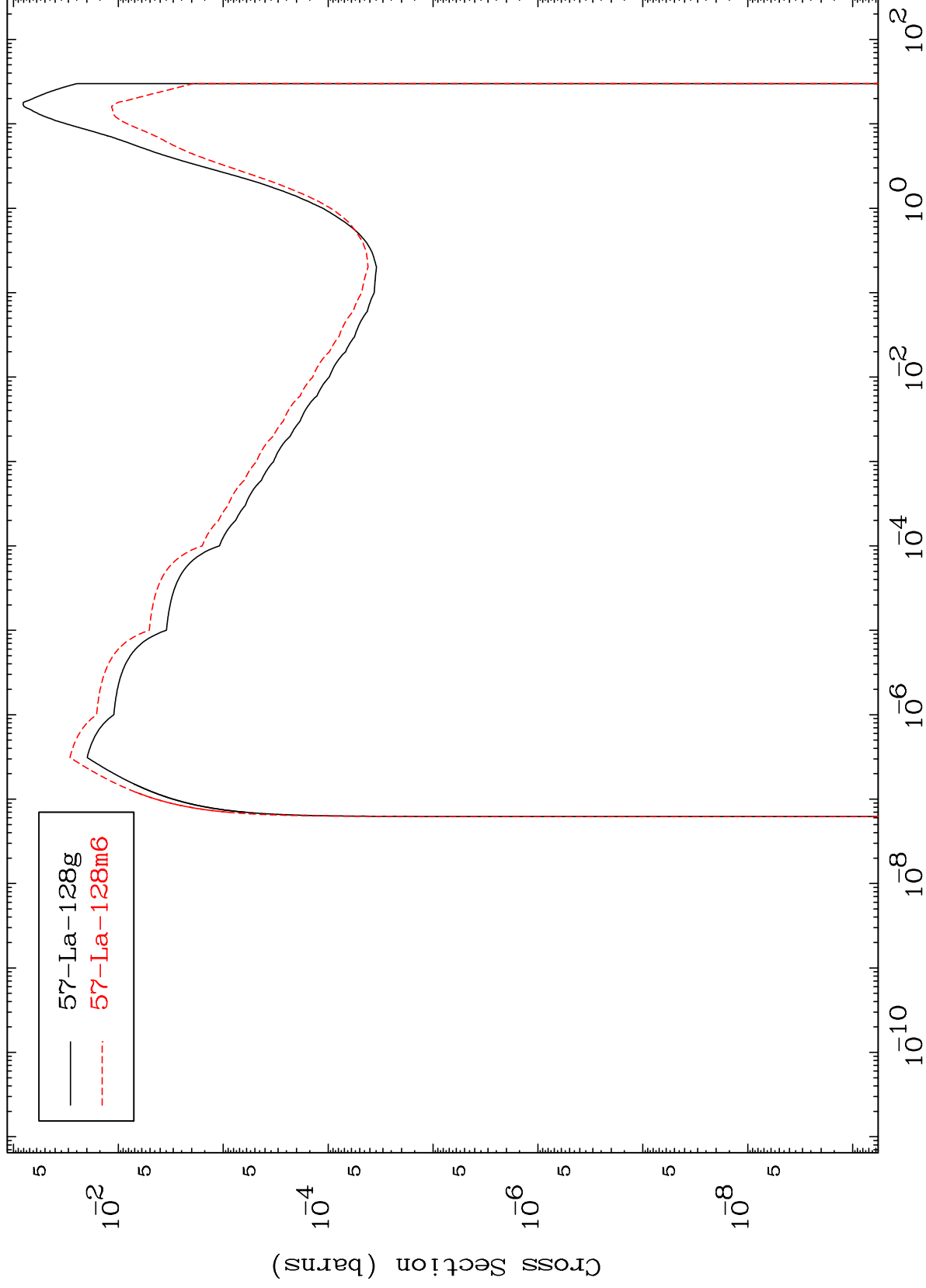


57-La-129g
57-La-129m2

MAT 5895

59-Pr-131

Radionuclide Production Cross Section



59-Pr-131

Incident Energy (MeV)

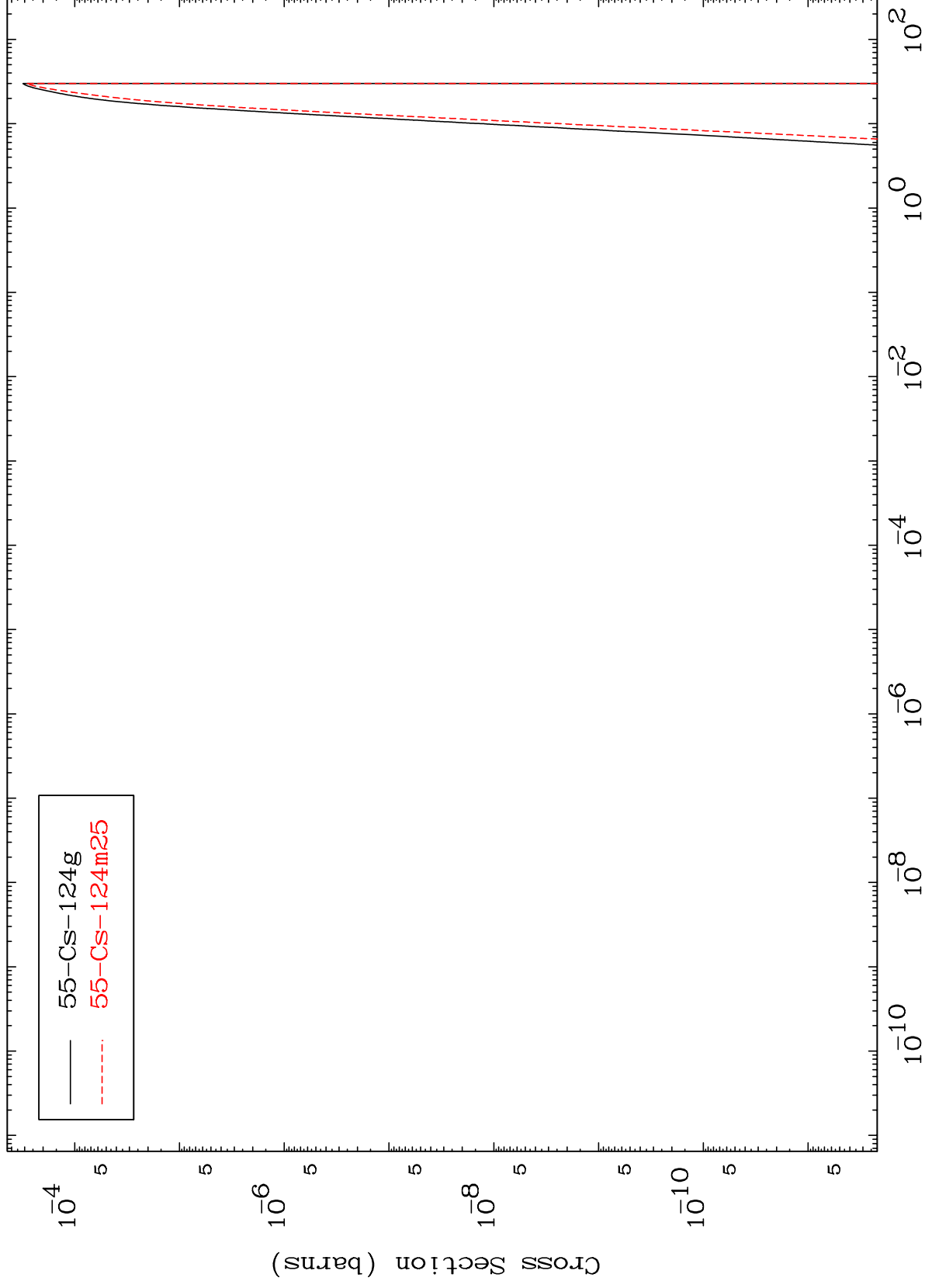
124

MAT 5895

(n,2α)

59-Pr-131

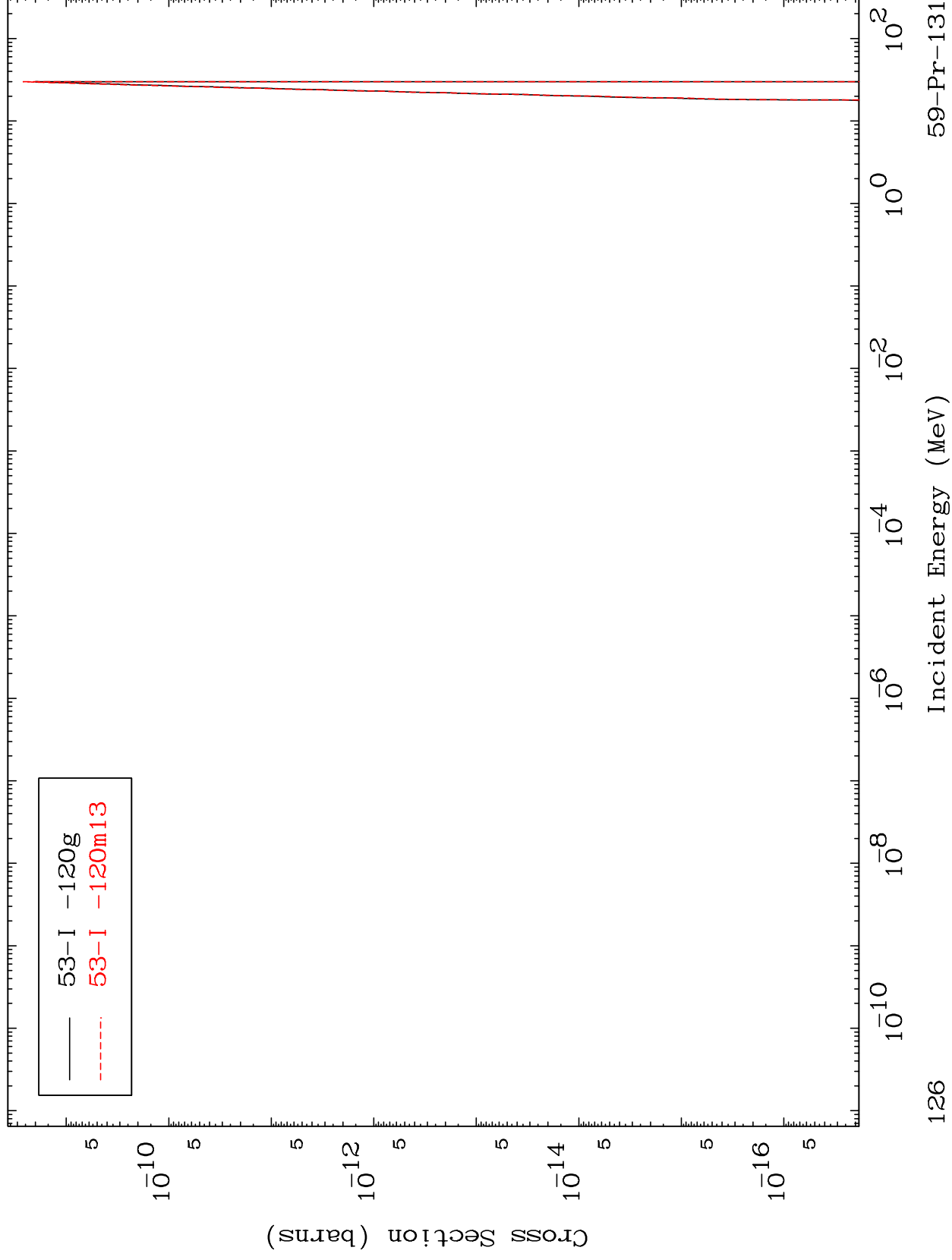
Radionuclide Production Cross Section



125

Incident Energy (MeV)

59-Pr-131

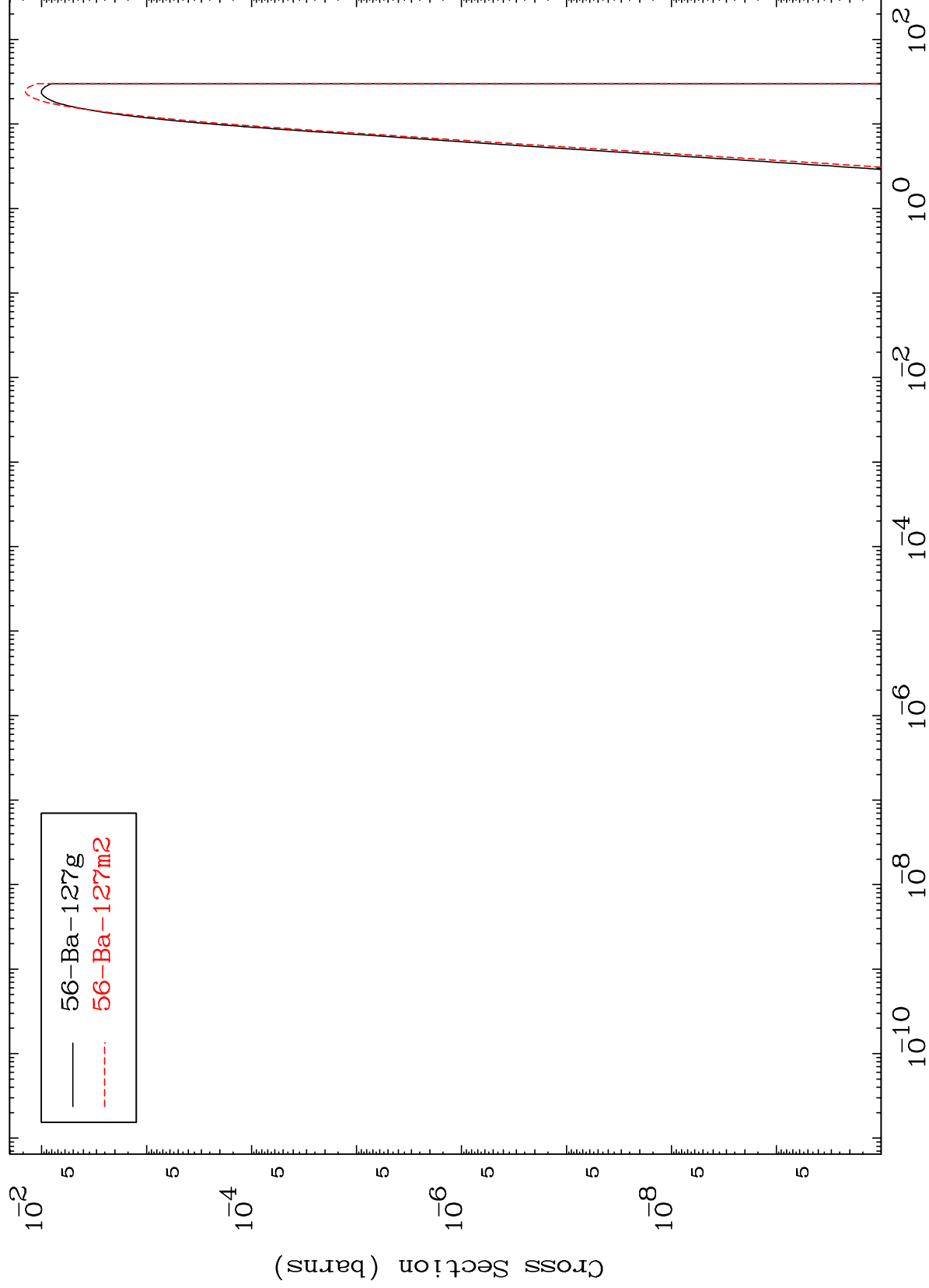
(n,3 α)
Radionuclide Production Cross Section

MAT 5895

(n,p) α

59-Pr-131

Radionuclide Production Cross Section

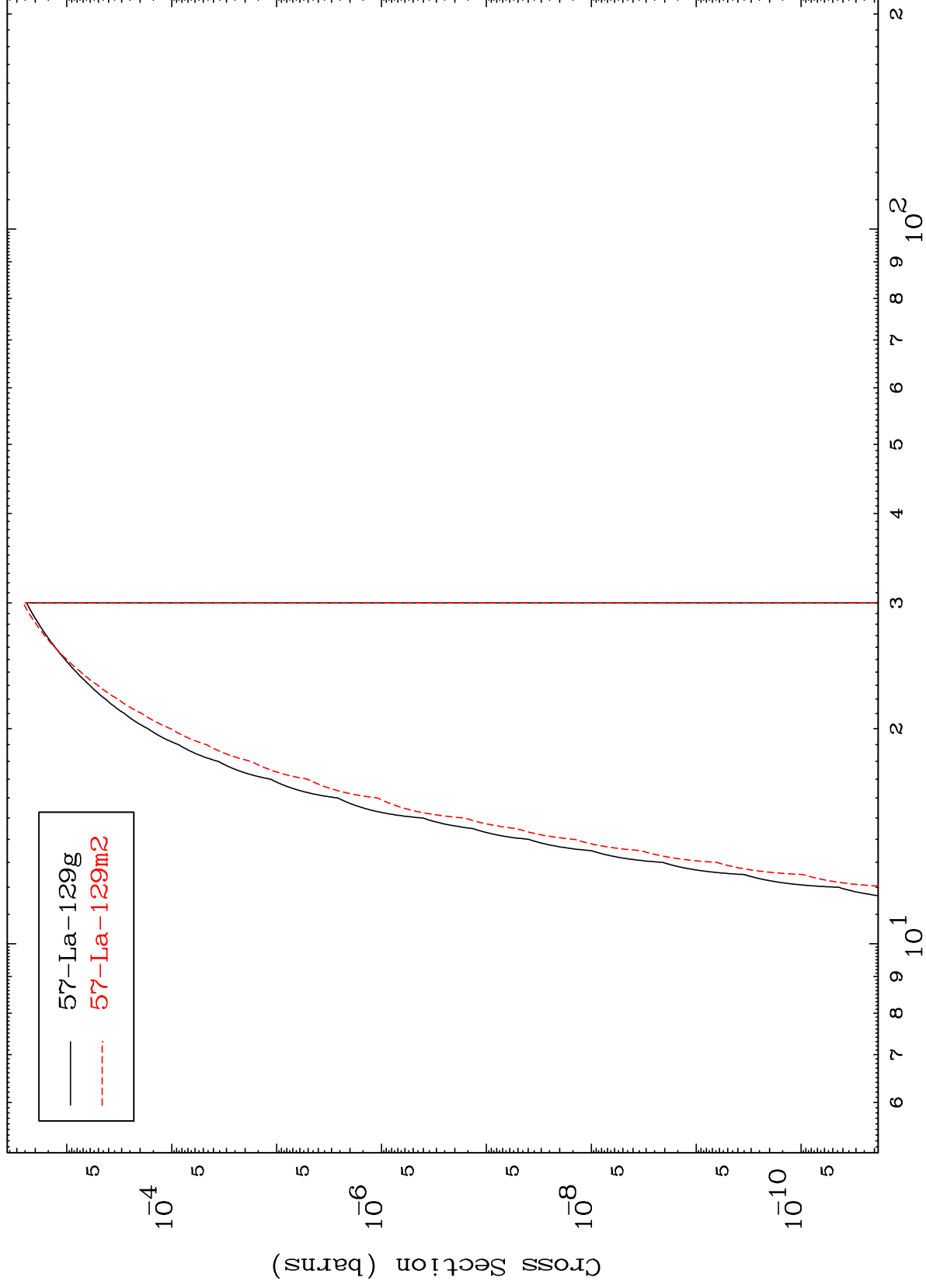


127

Incident Energy (MeV)

59-Pr-131

(n,p) d
Radionuclide Production Cross Section

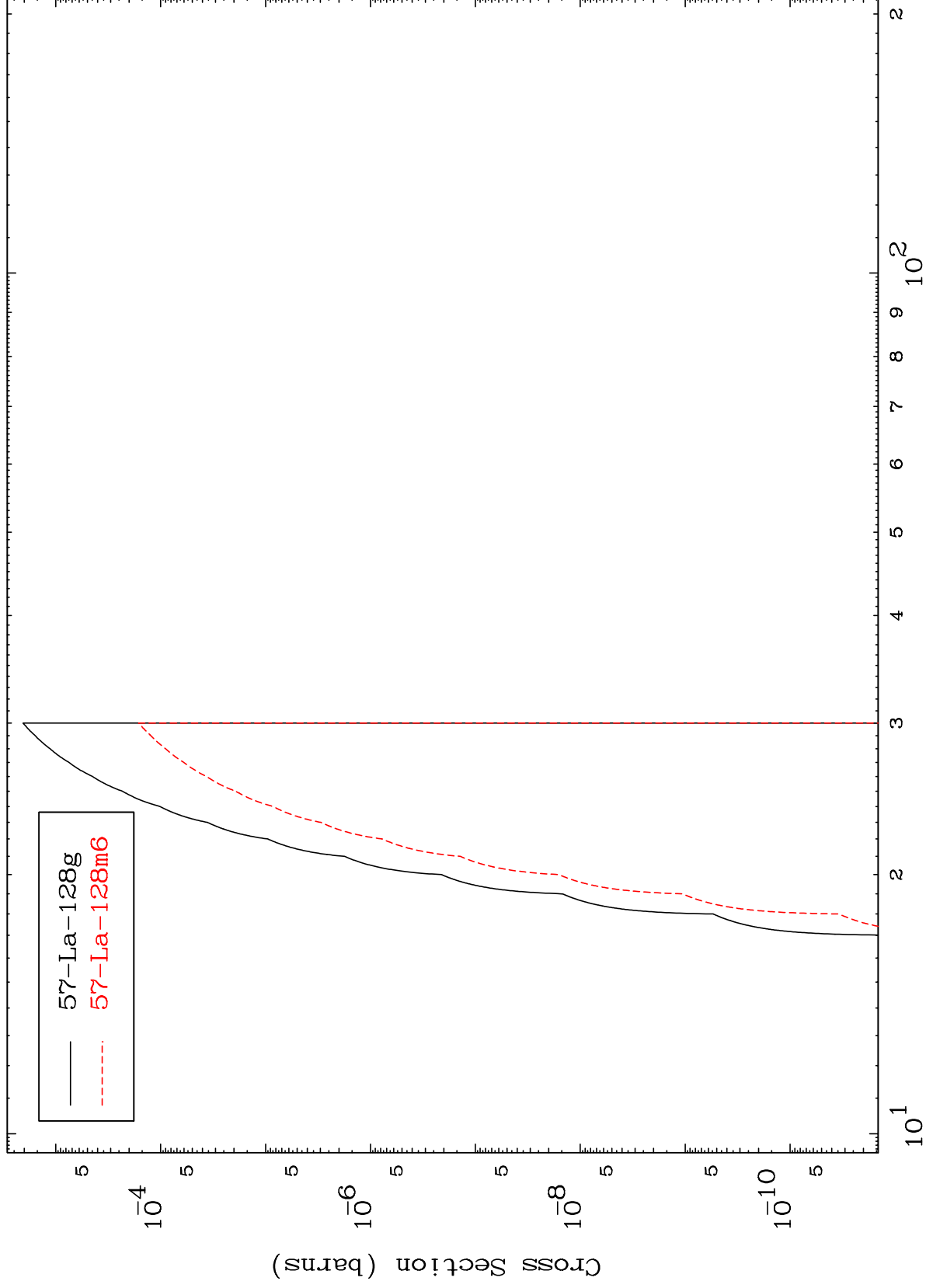


MAT 5895

(n,p) t

59-Pr-131

Radionuclide Production Cross Section



Incident Energy (MeV)

59-Pr-131