

Program EVALPLOT
(Version 2021-1)

by

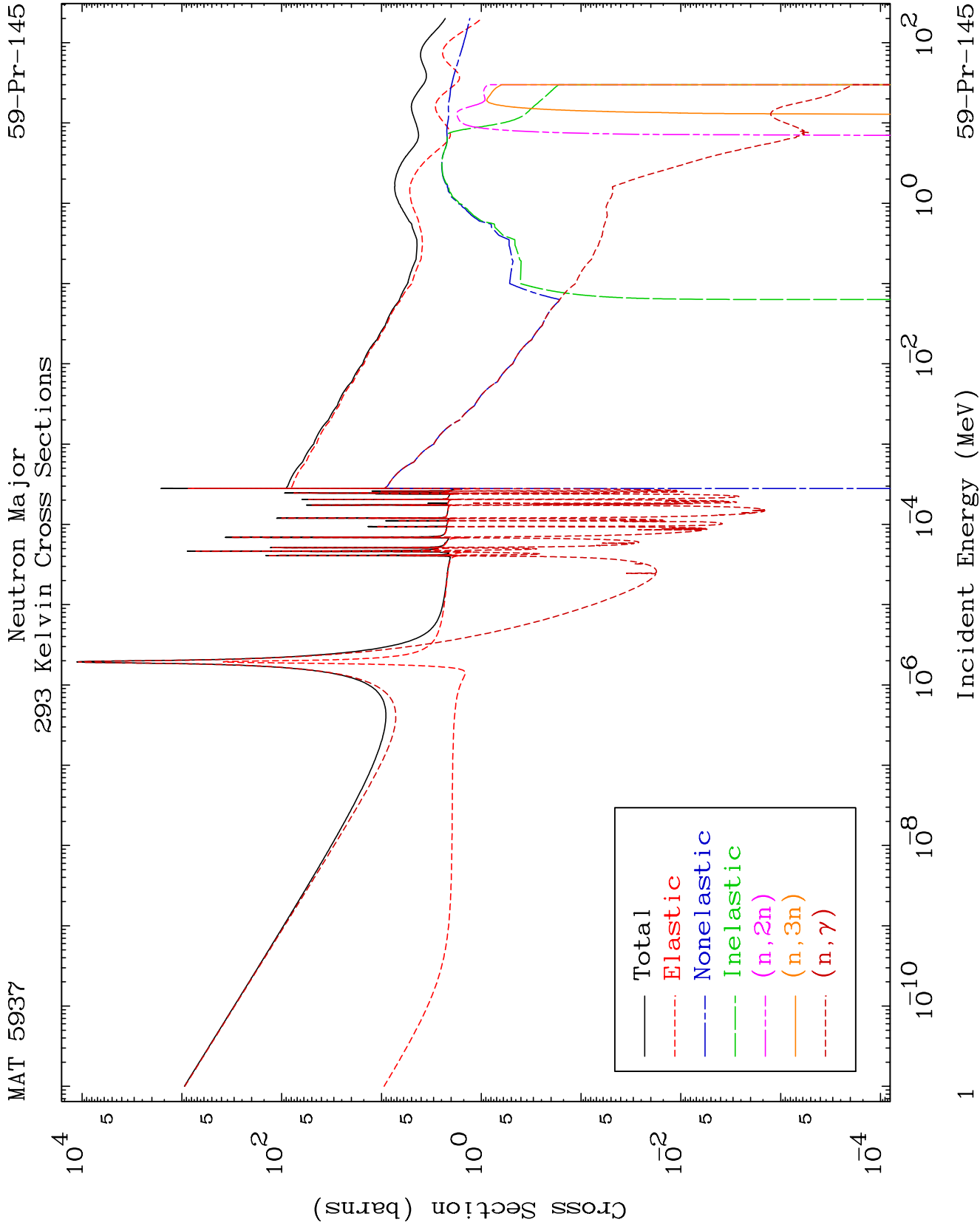
Dermott E. Cullen
(Present Contact Information)

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E.Mail: redcullen1@comcast.net
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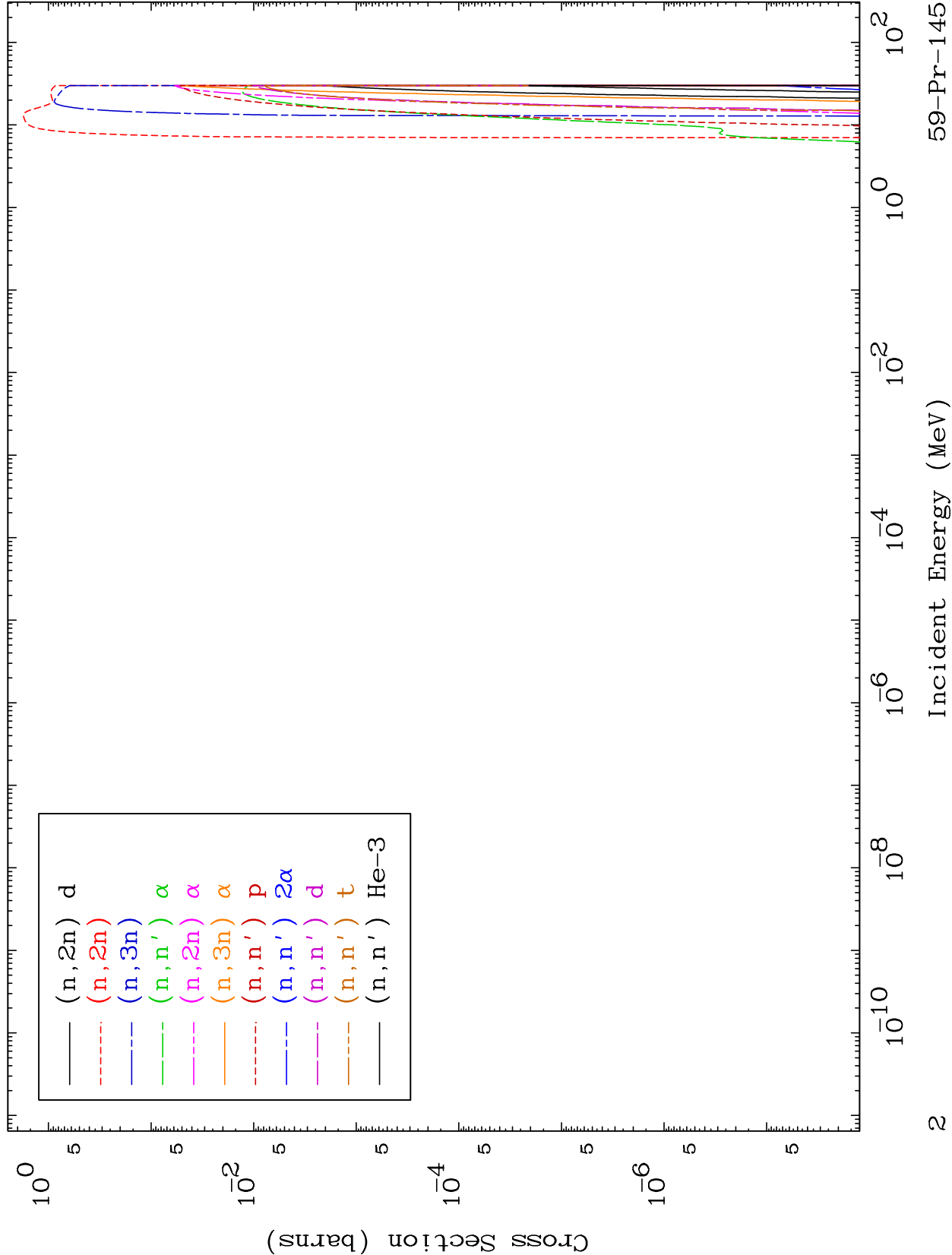
Press Mouse Button to Start

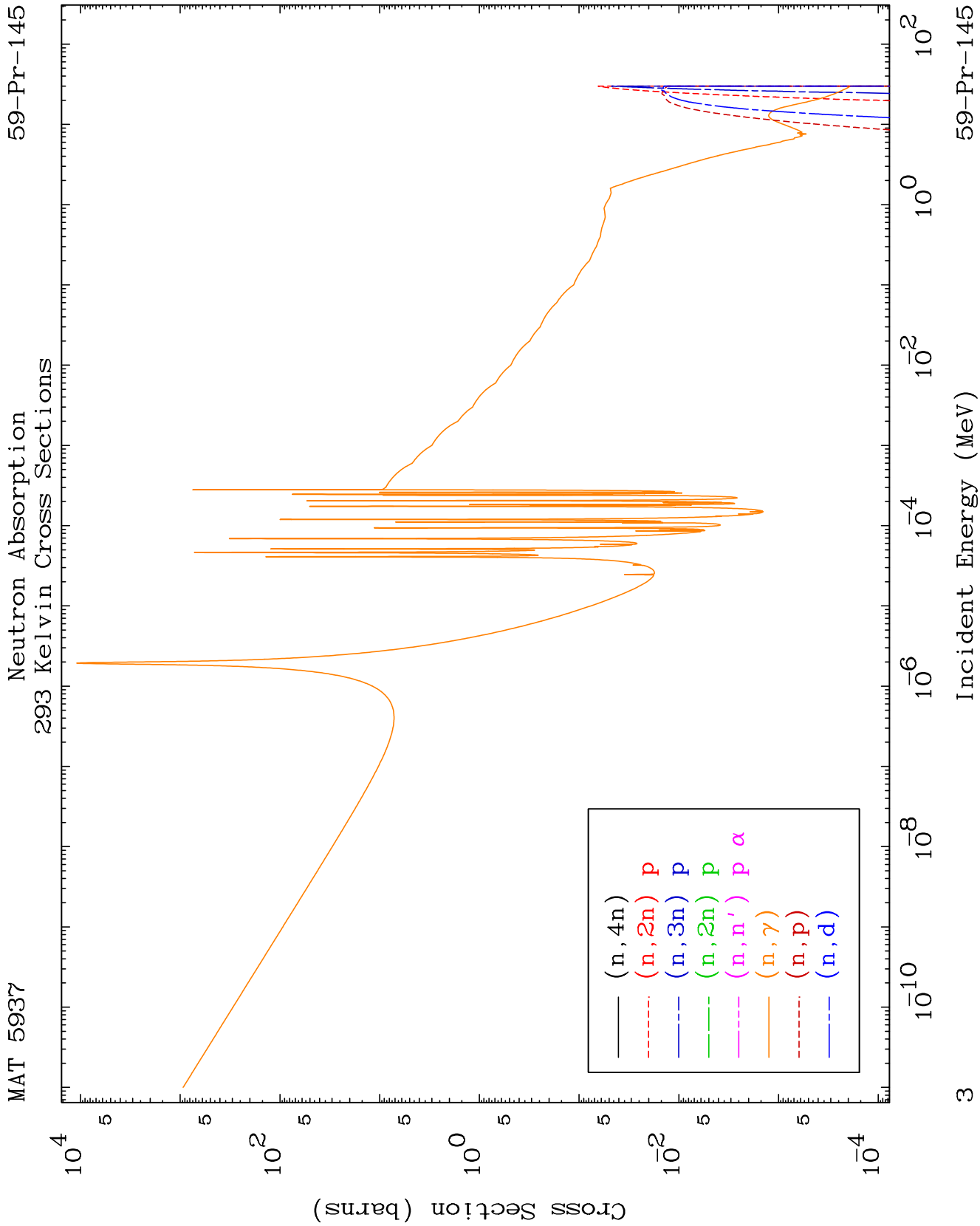


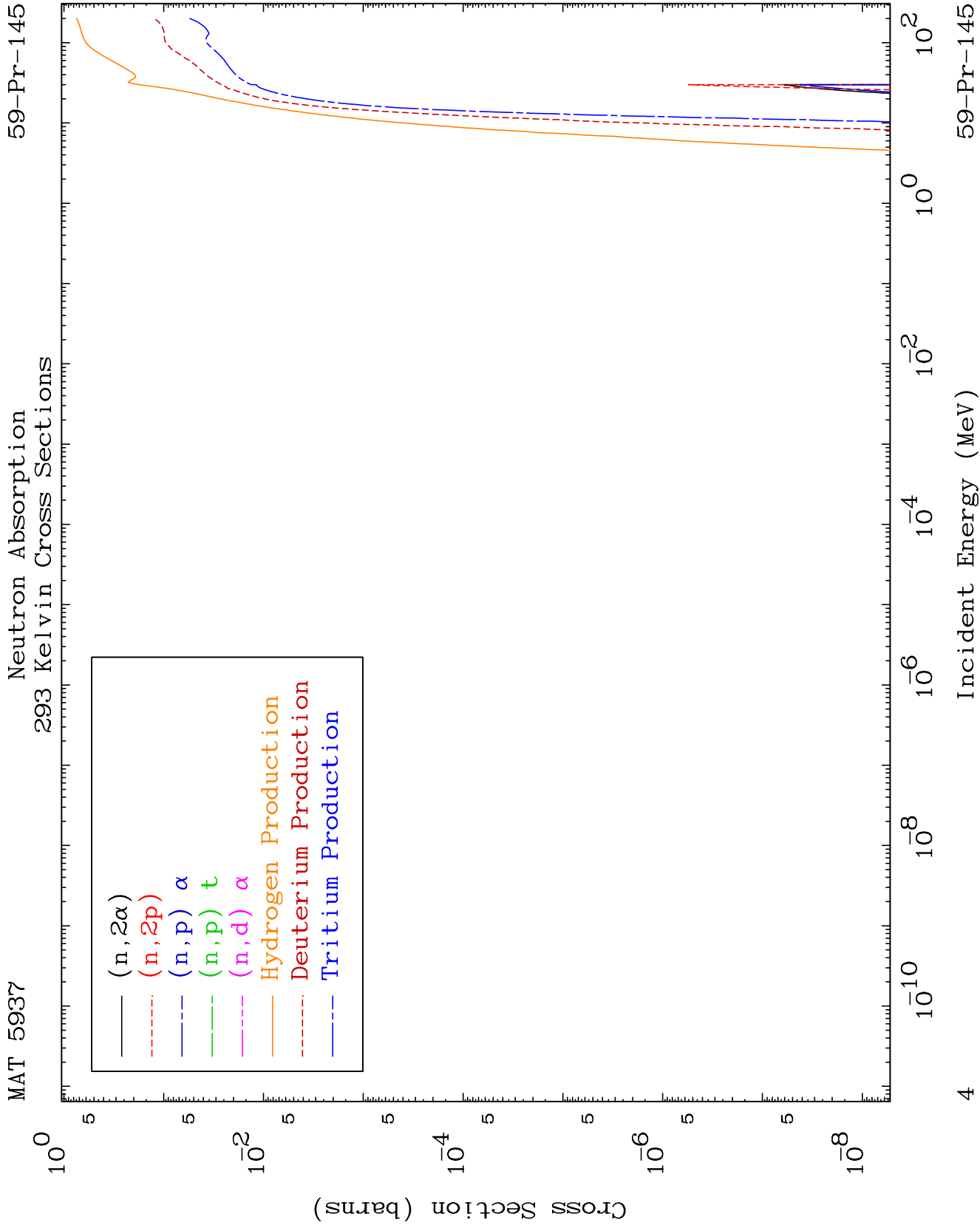
MAT 5937

Neutron Absorption
293 Kelvin Cross Sections

59-Pr-145



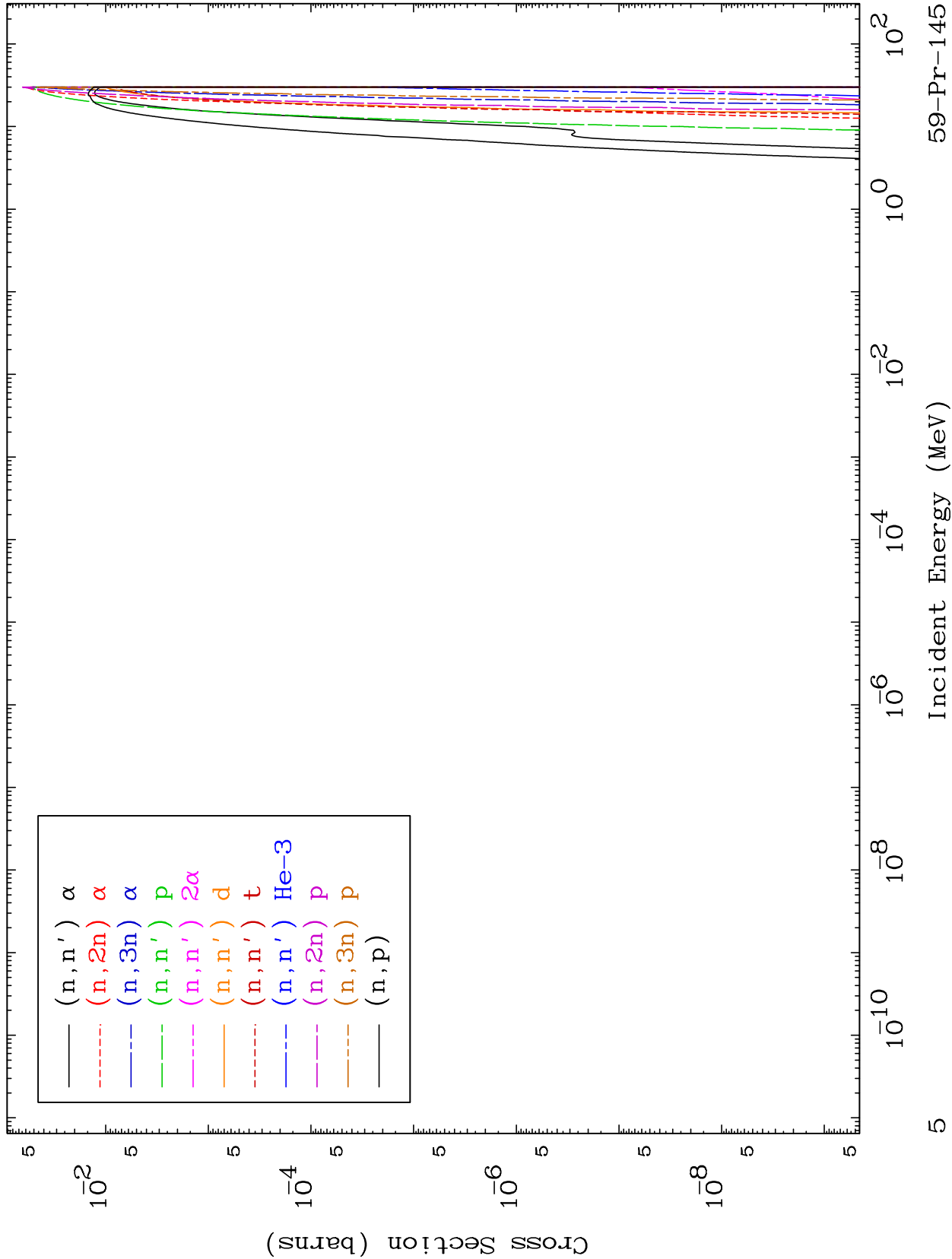


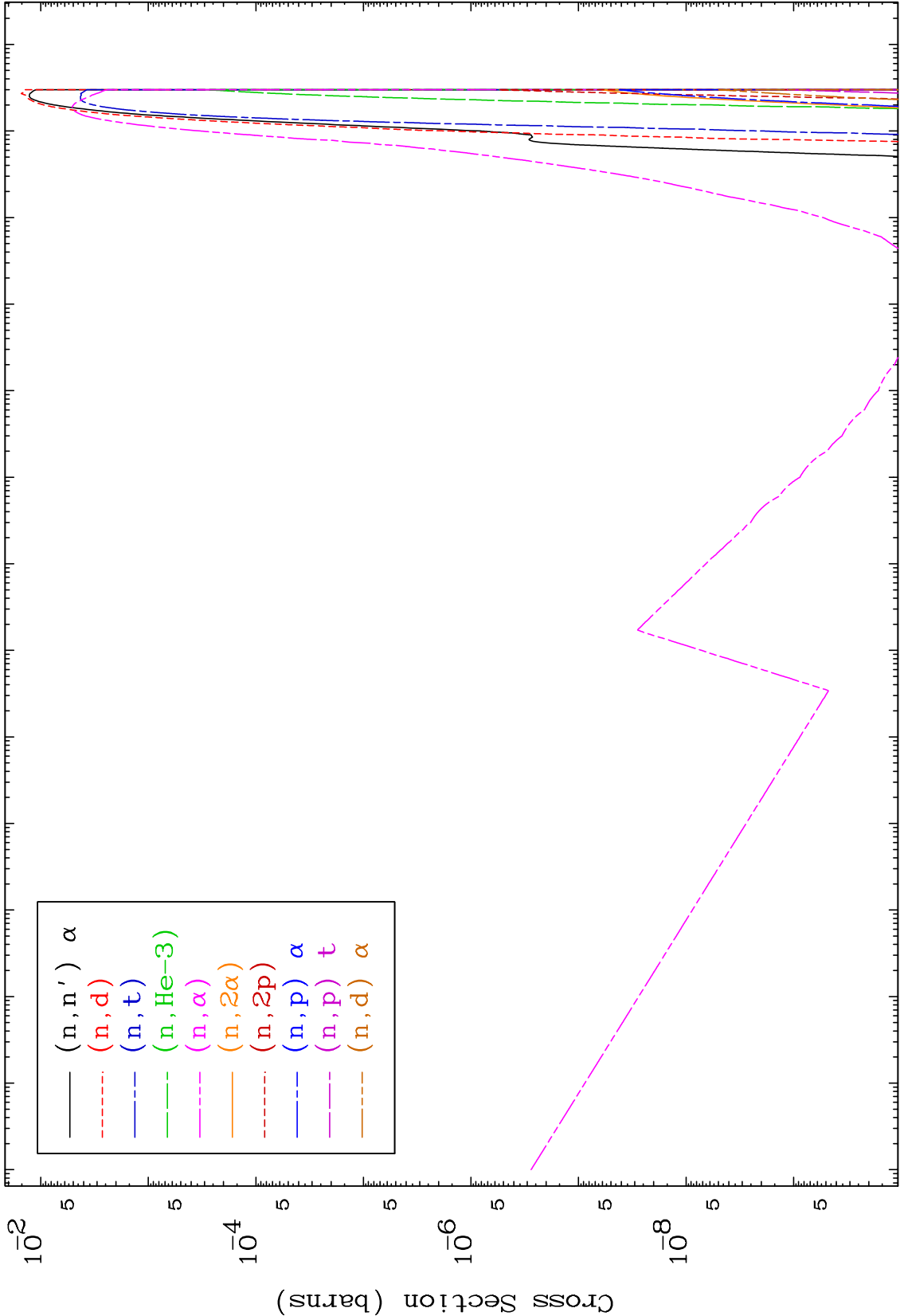


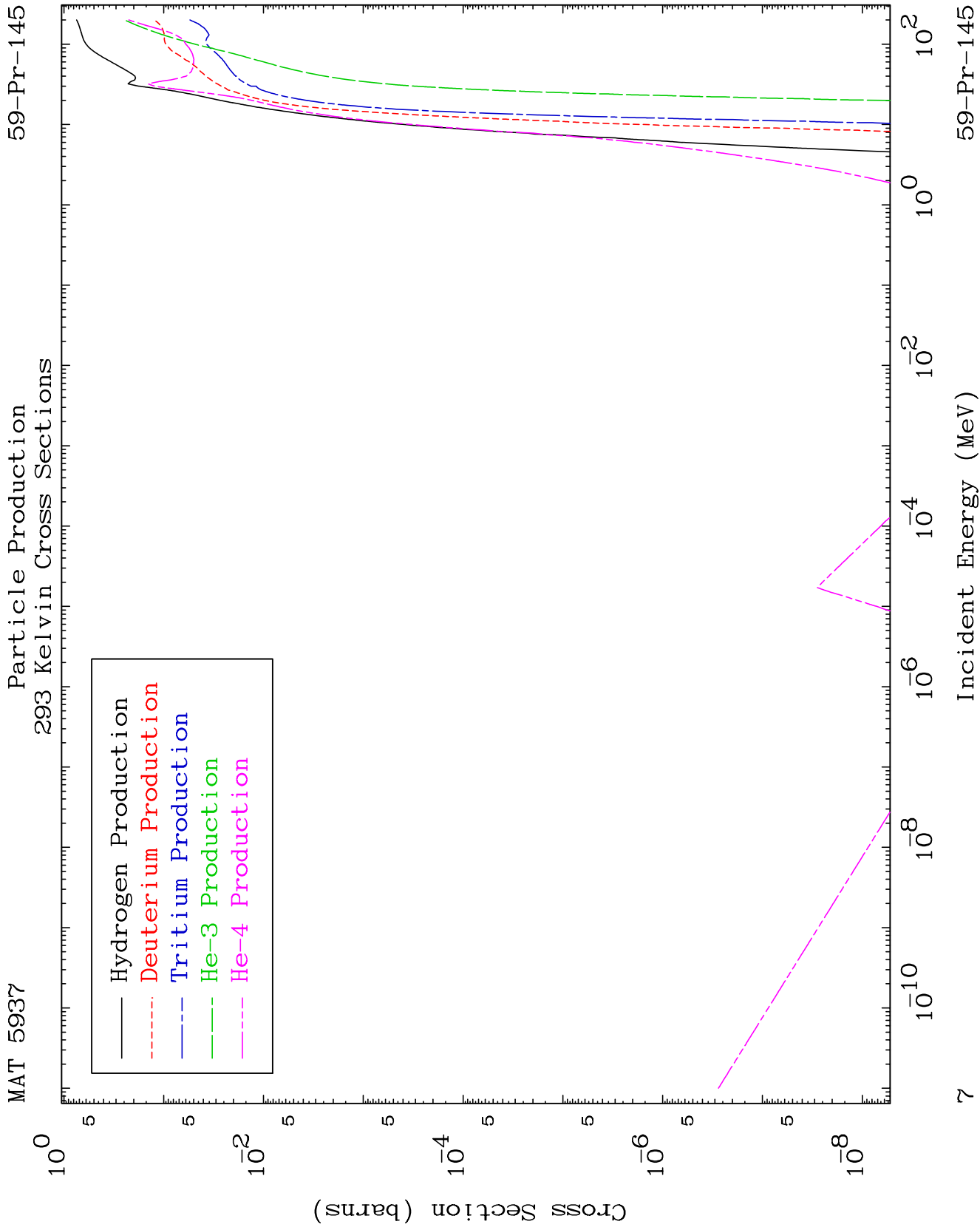
MAT 5937

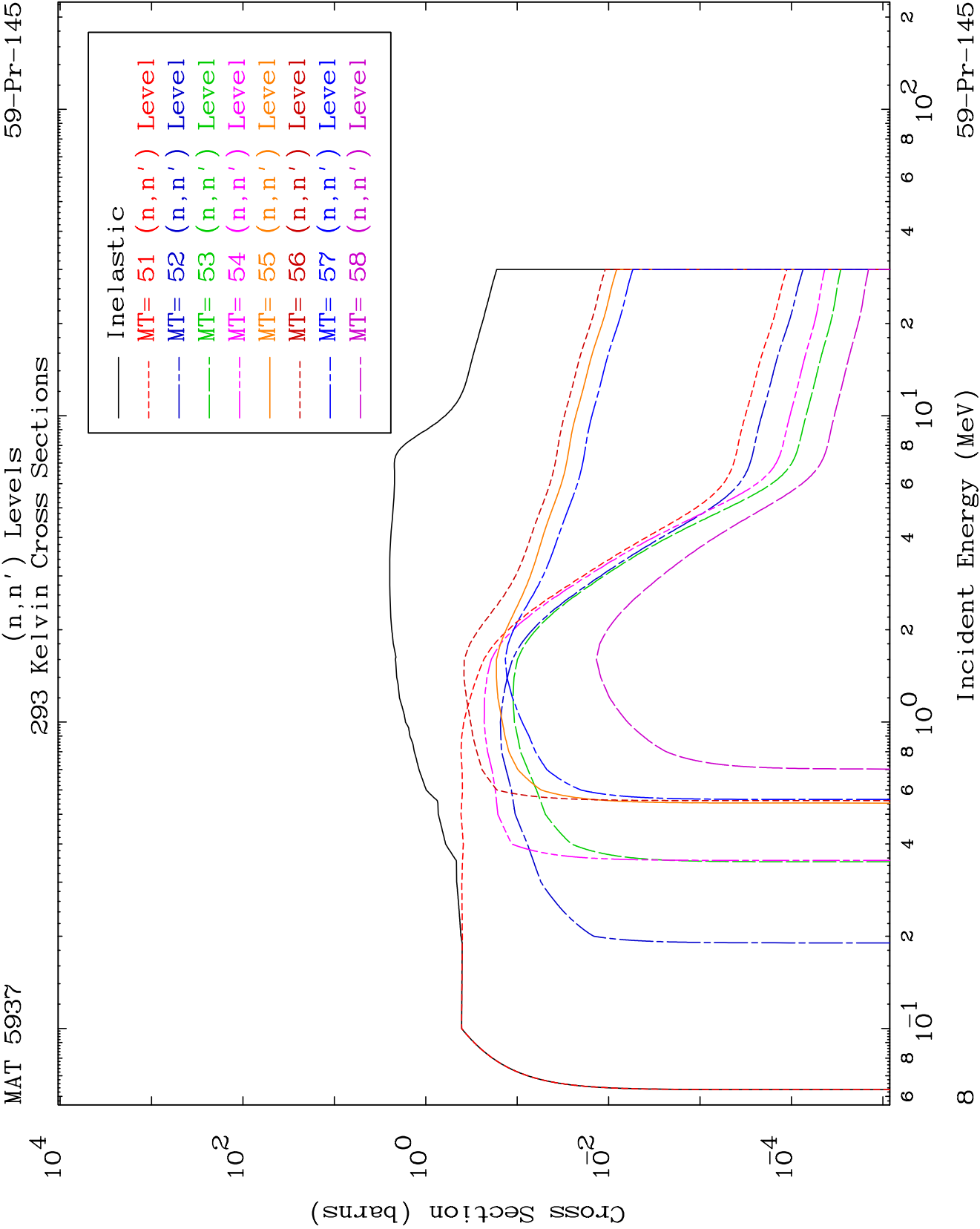
Charged Particle
293 Kelvin Cross Sections

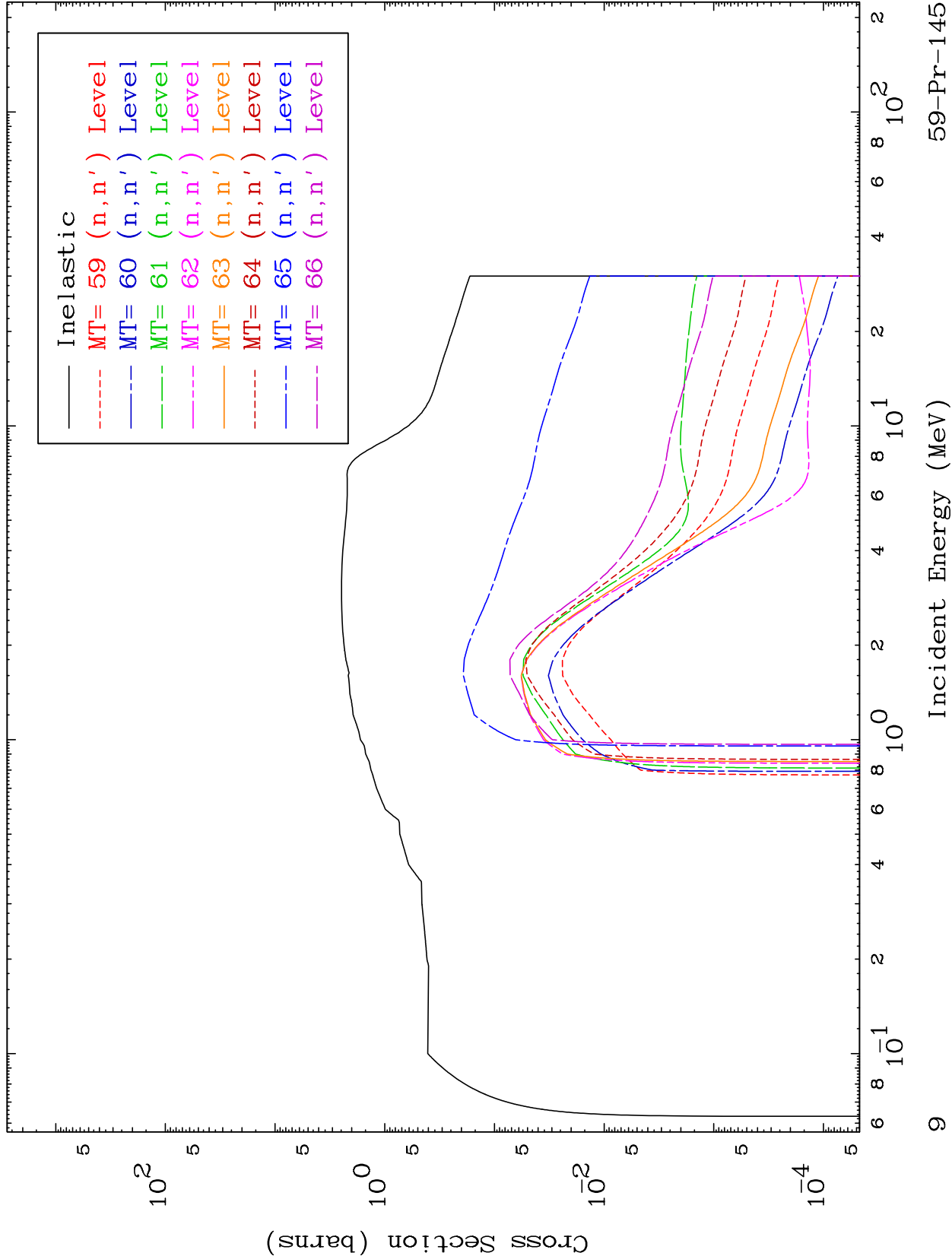
59-Pr-145

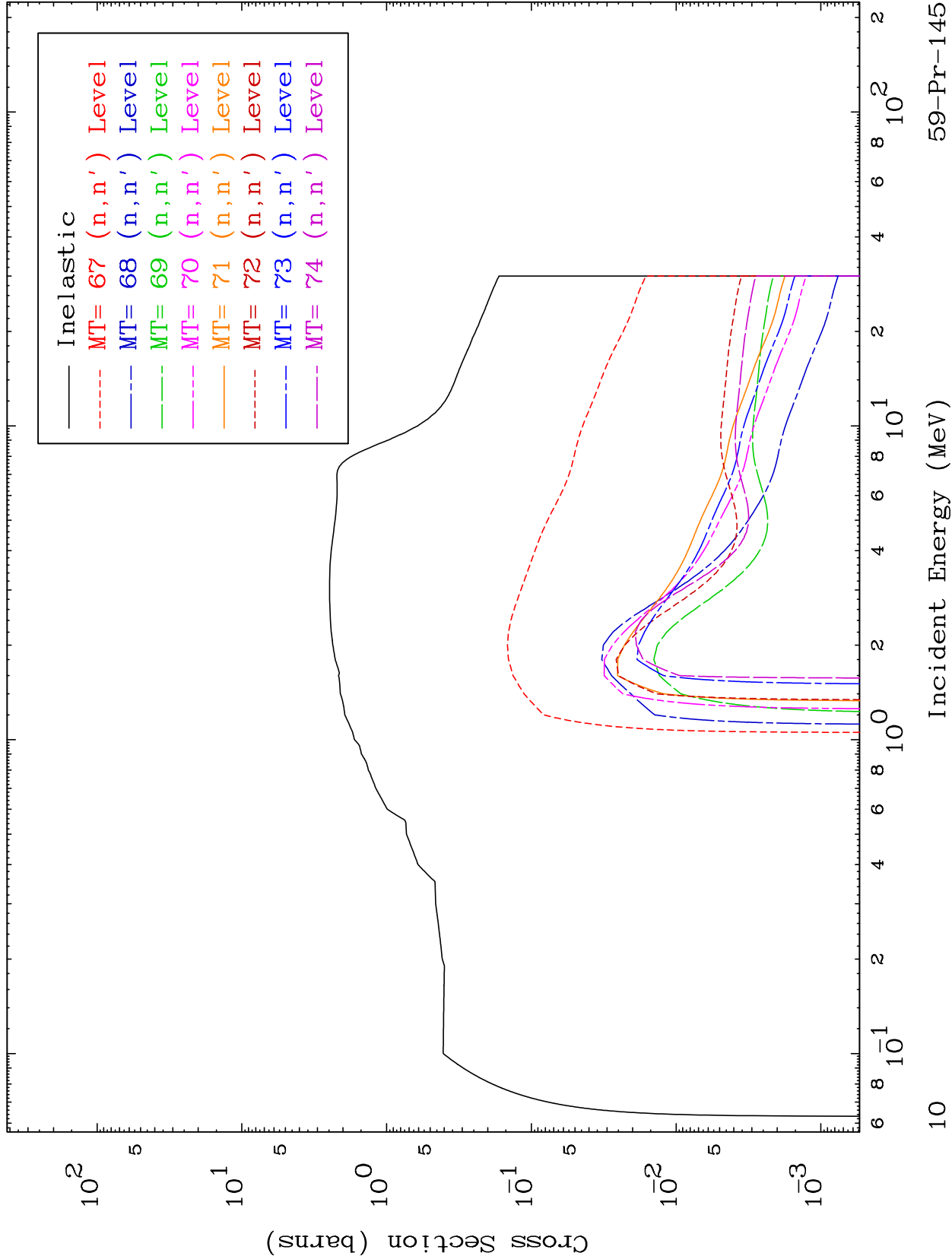




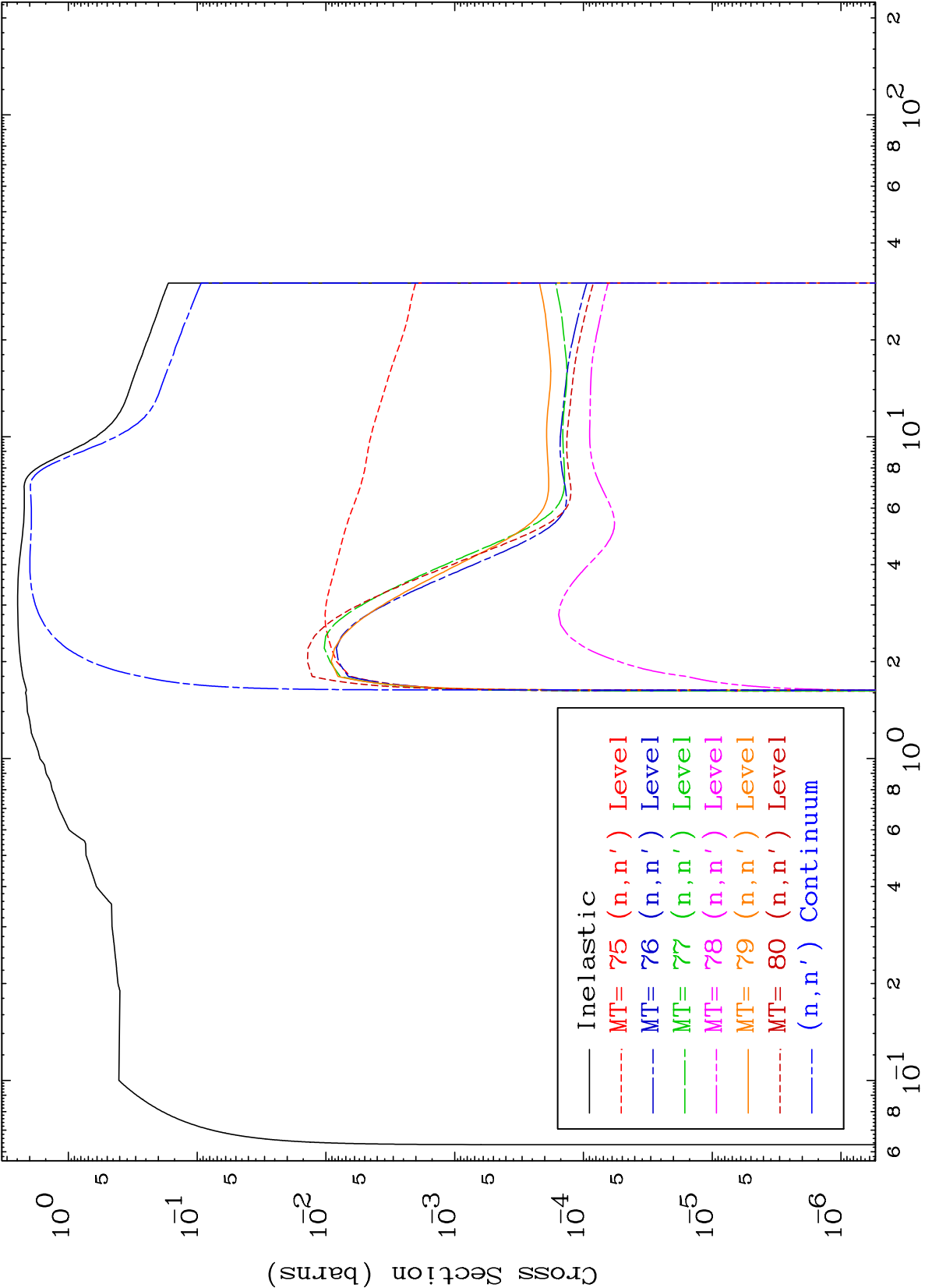








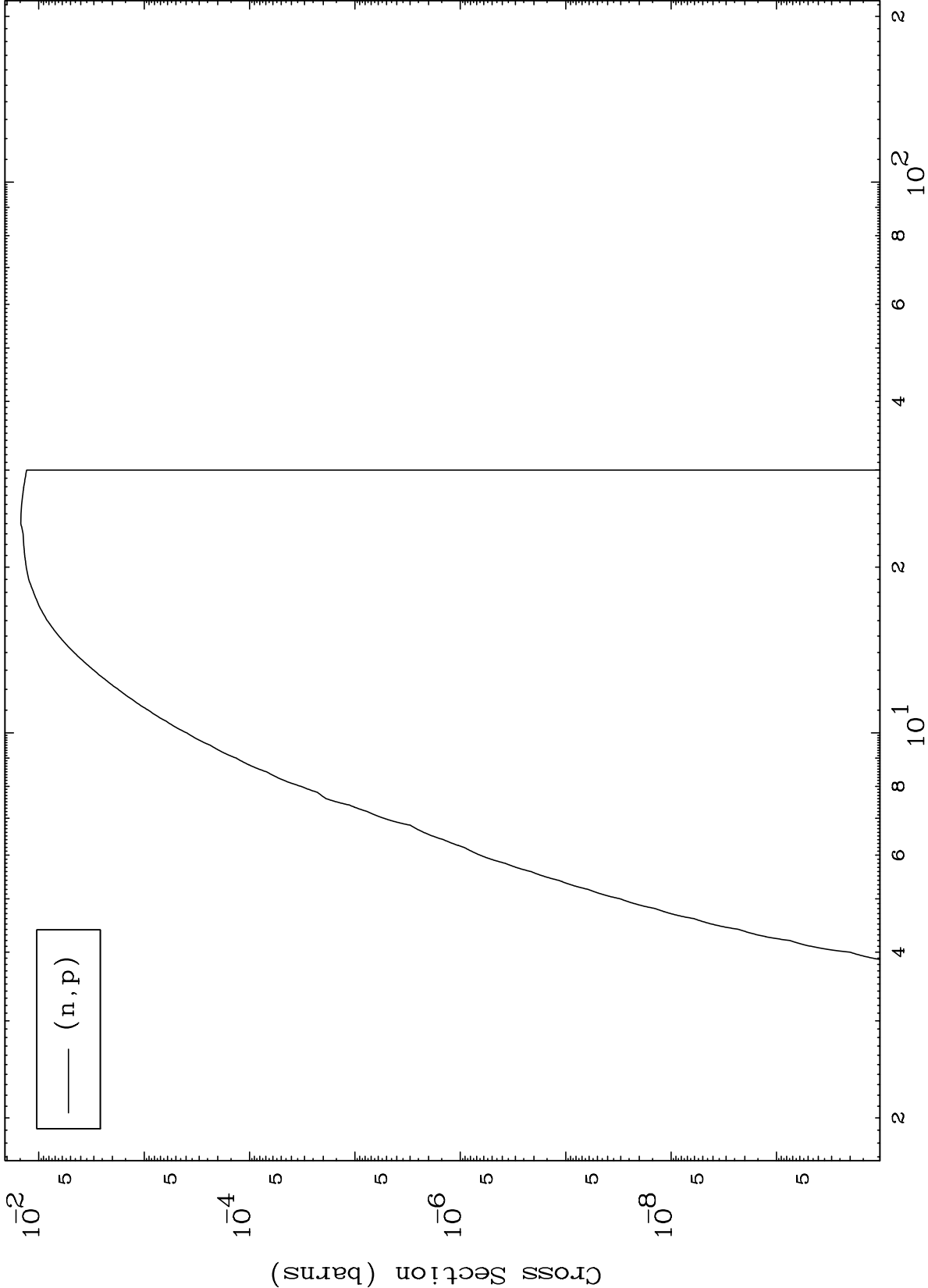
(n,n') Levels
293 Kelvin Cross Sections



MAT 5937

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-145



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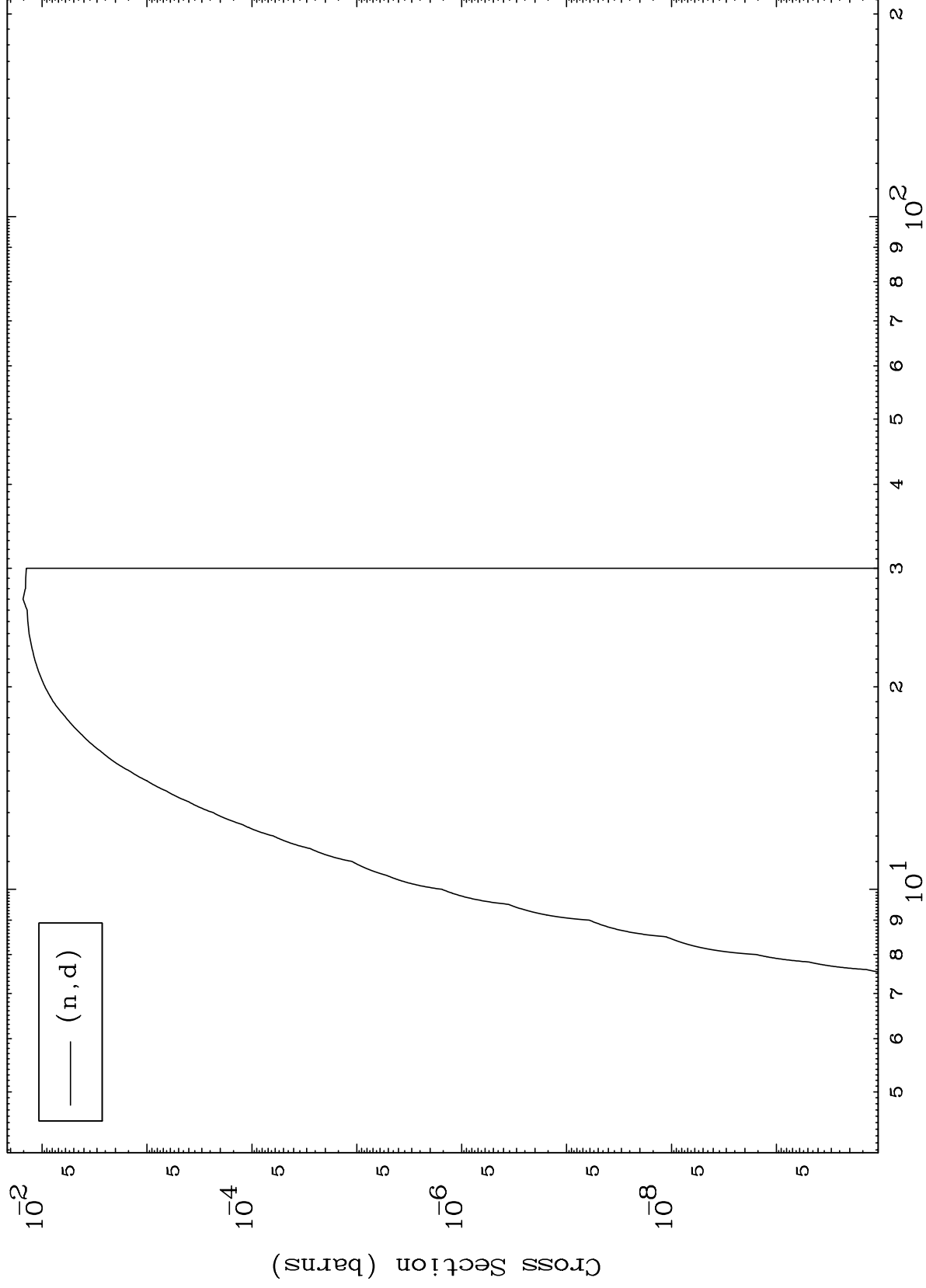
Incident Energy (MeV)

59-Pr-145

MAT 5937

59-Pr-145

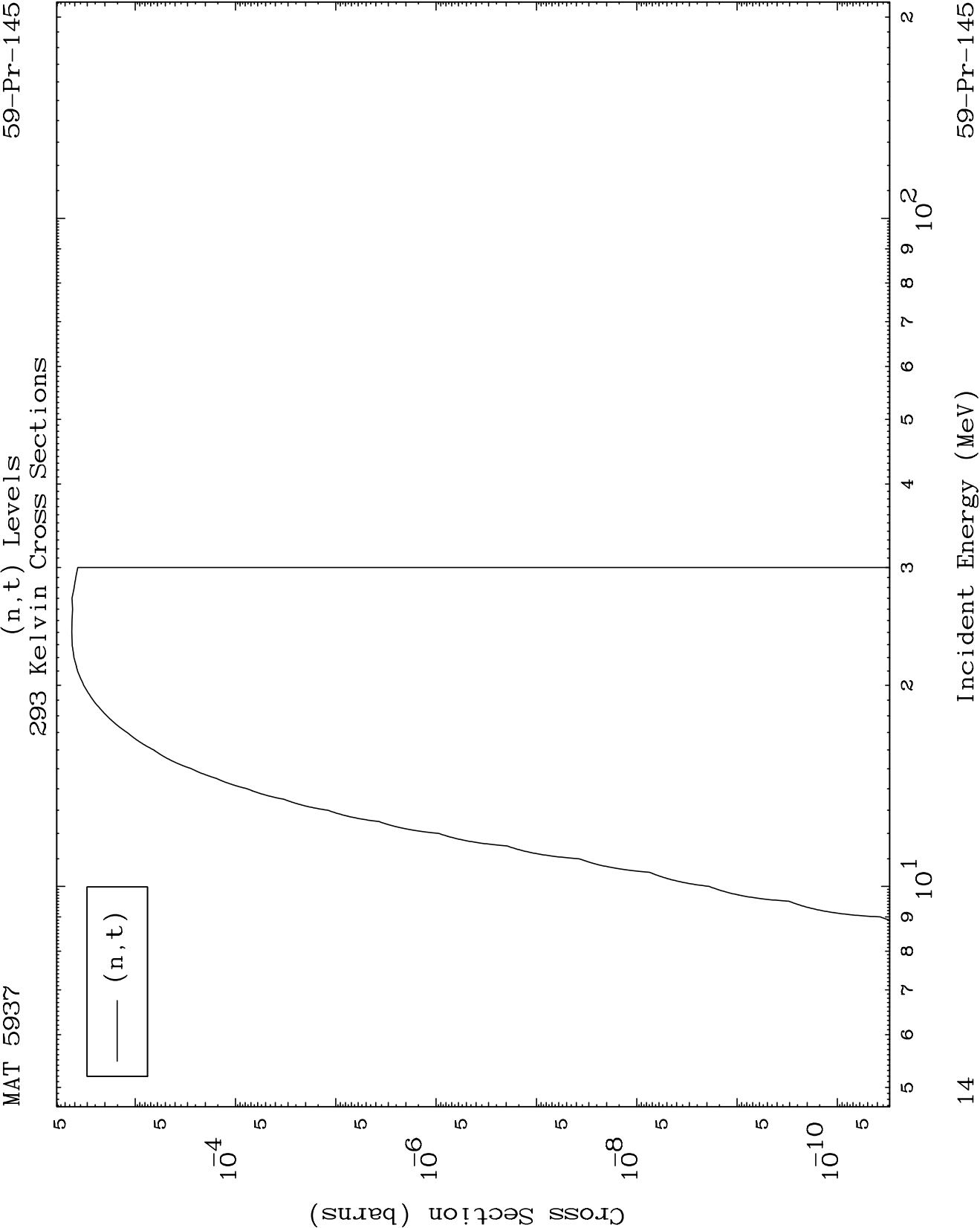
(n,d) Levels
293 Kelvin Cross Sections



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Incident Energy (MeV)

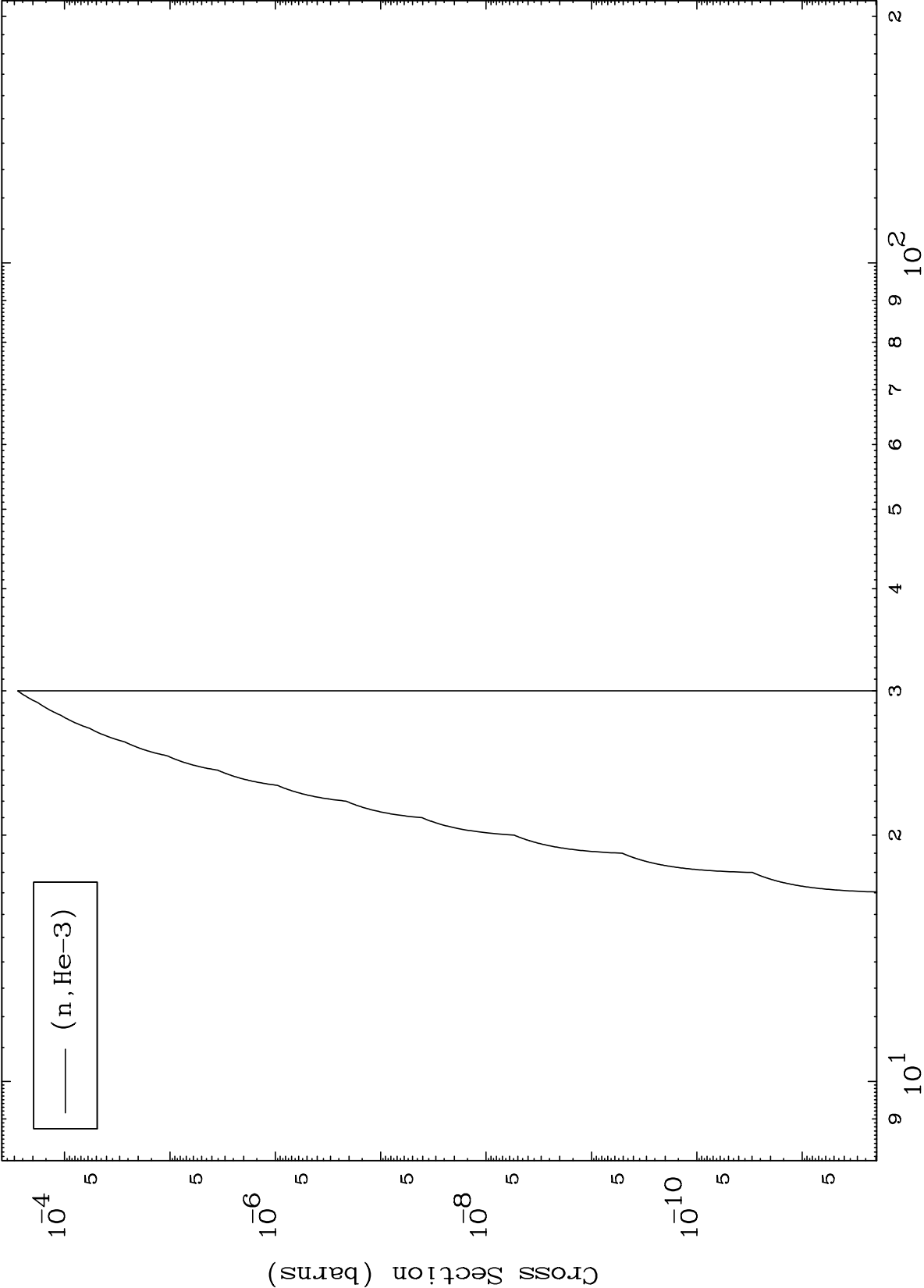
59-Pr-145



MAT 5937

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-145



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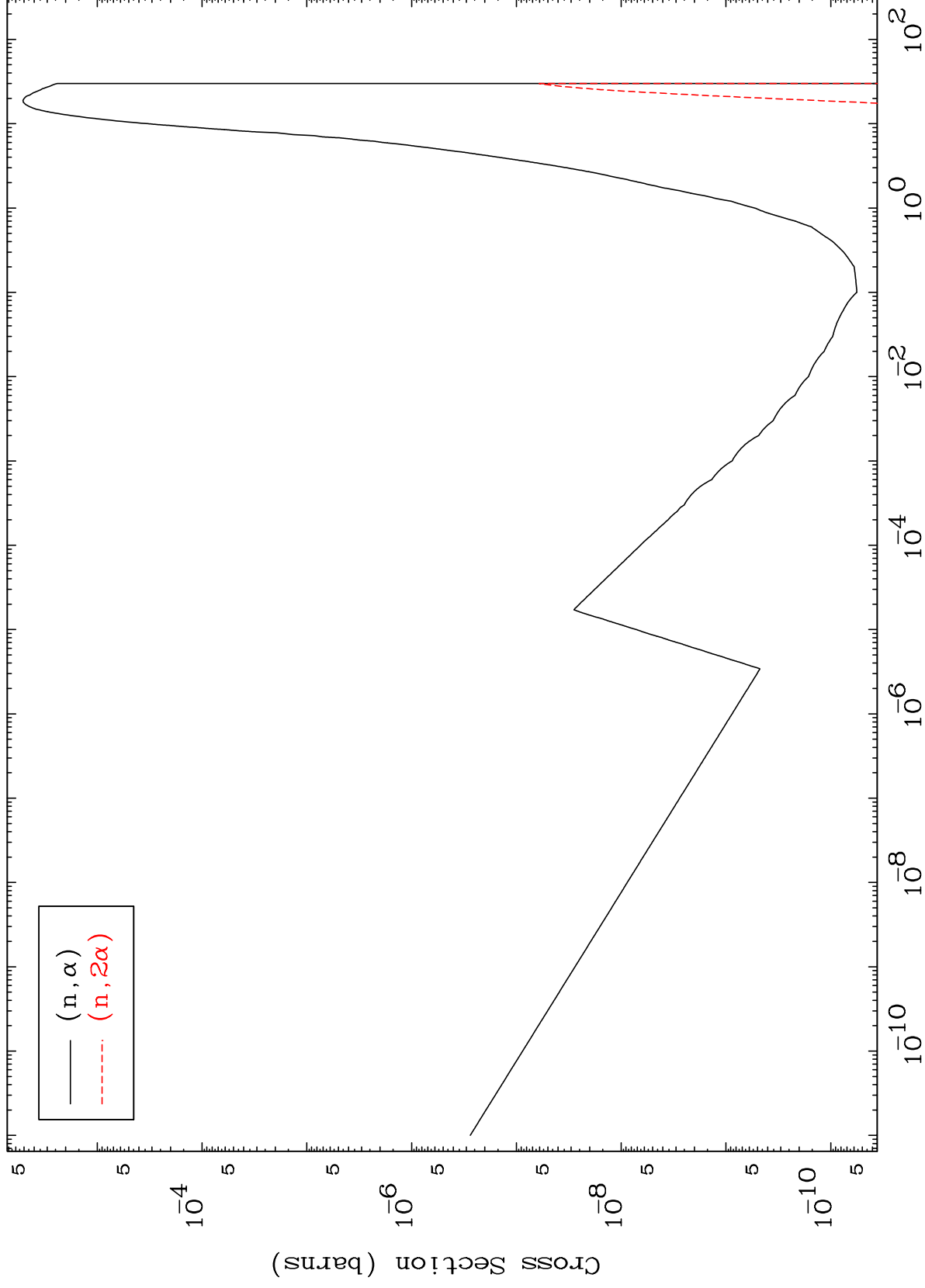
Incident Energy (MeV)

59-Pr-145

MAT 5937

(n, α) Levels
293 Kelvin Cross Sections

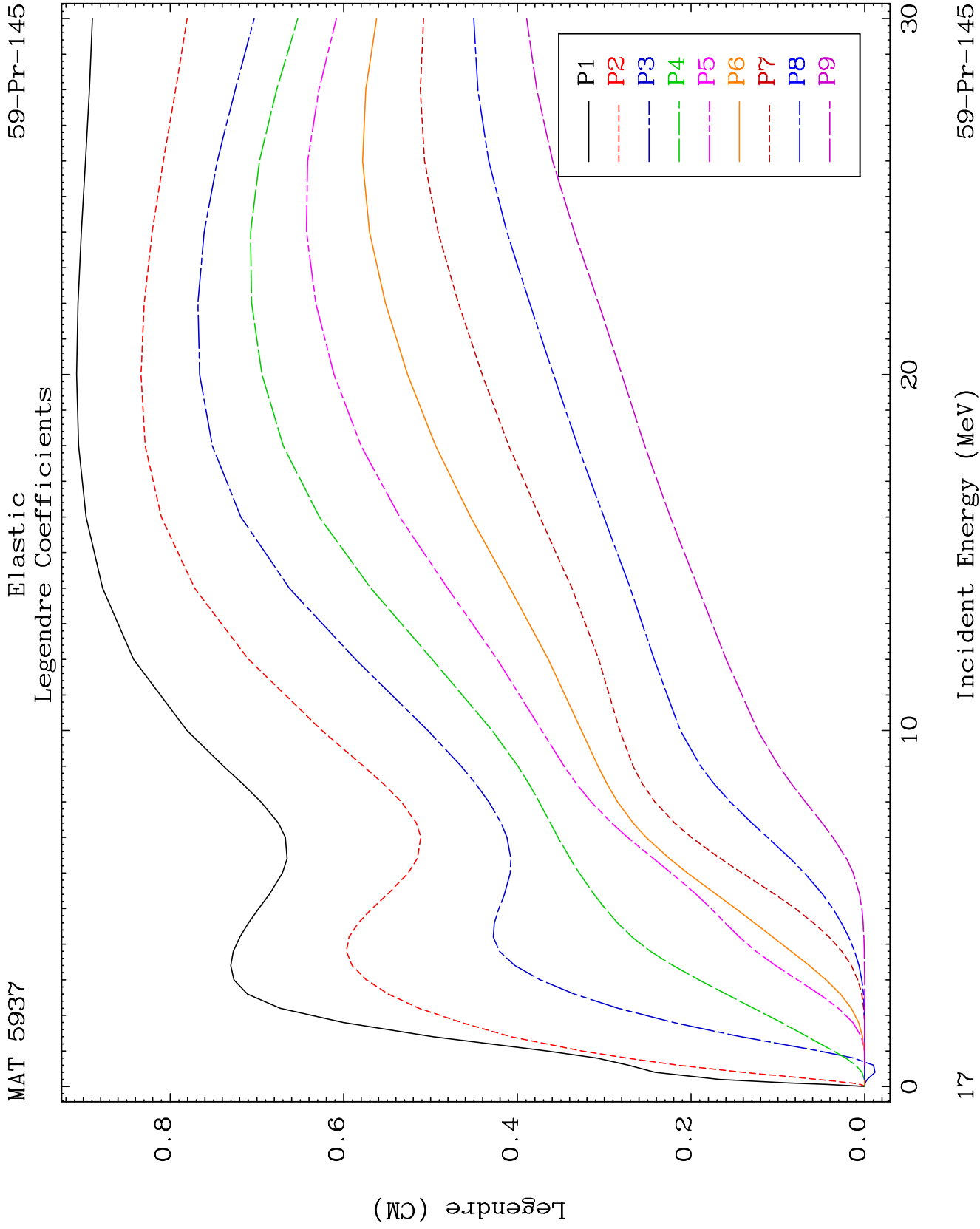
59-Pr-145

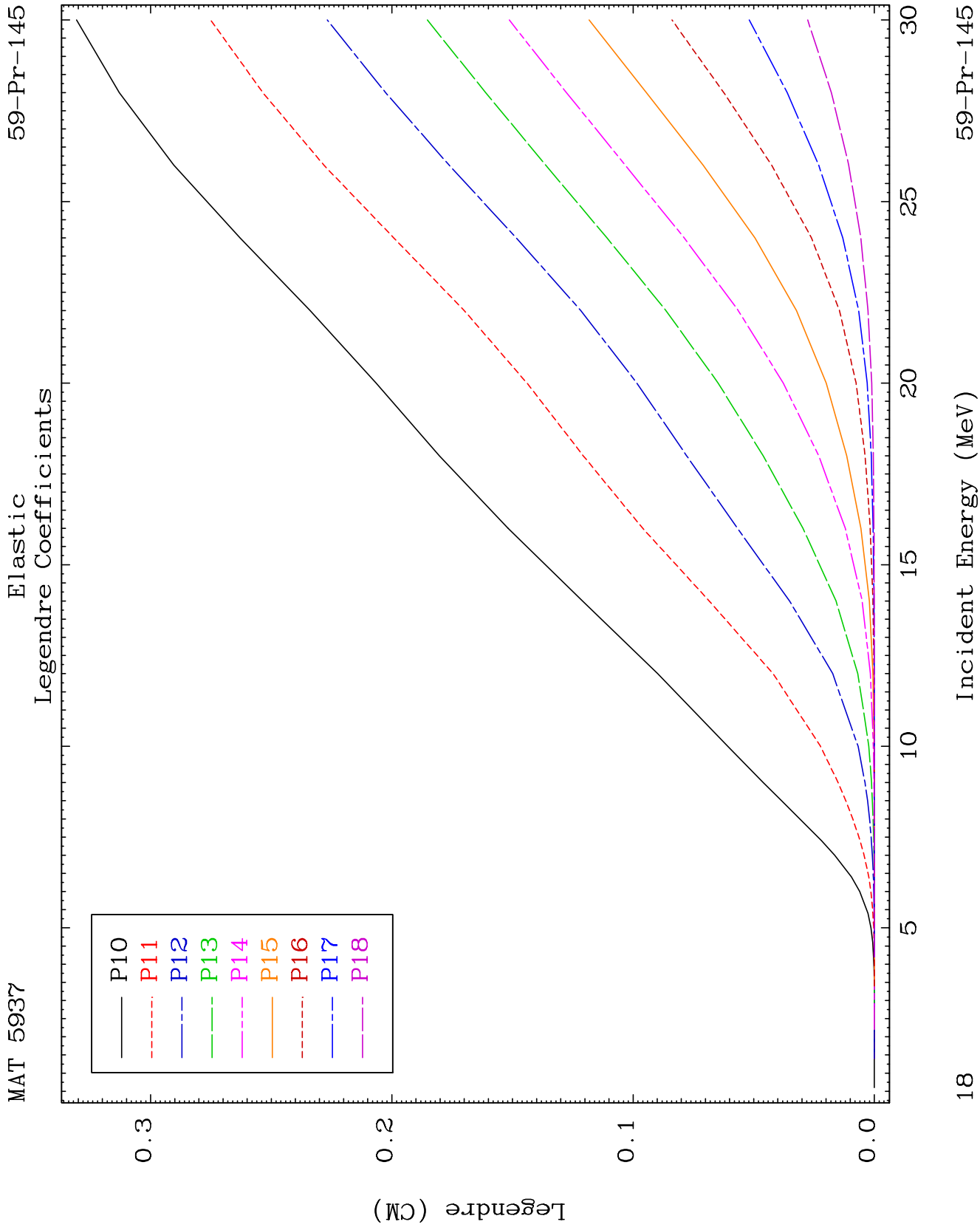


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Incident Energy (MeV)

59-Pr-145

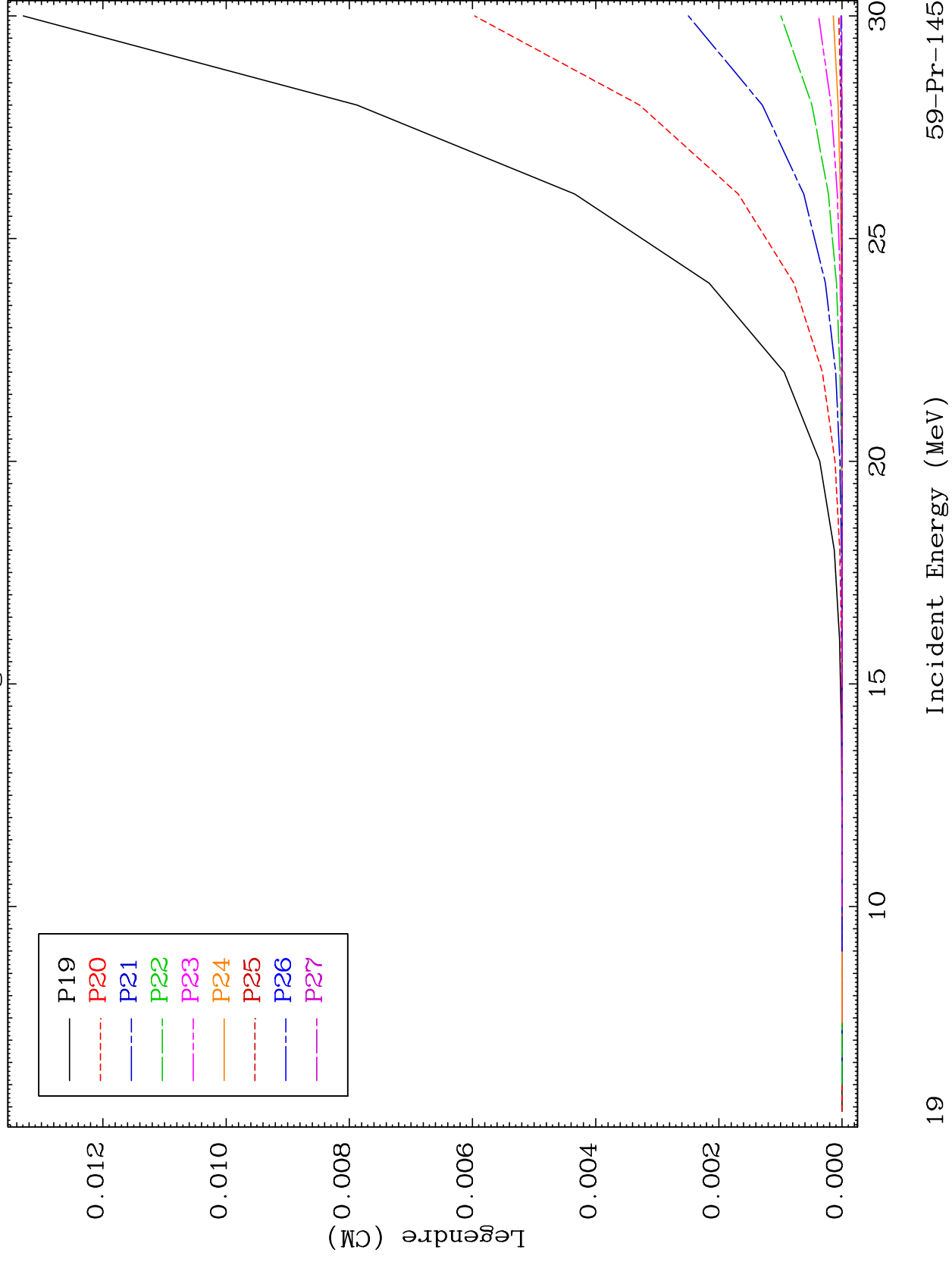




MAT 5937

Elastic Legendre Coefficients

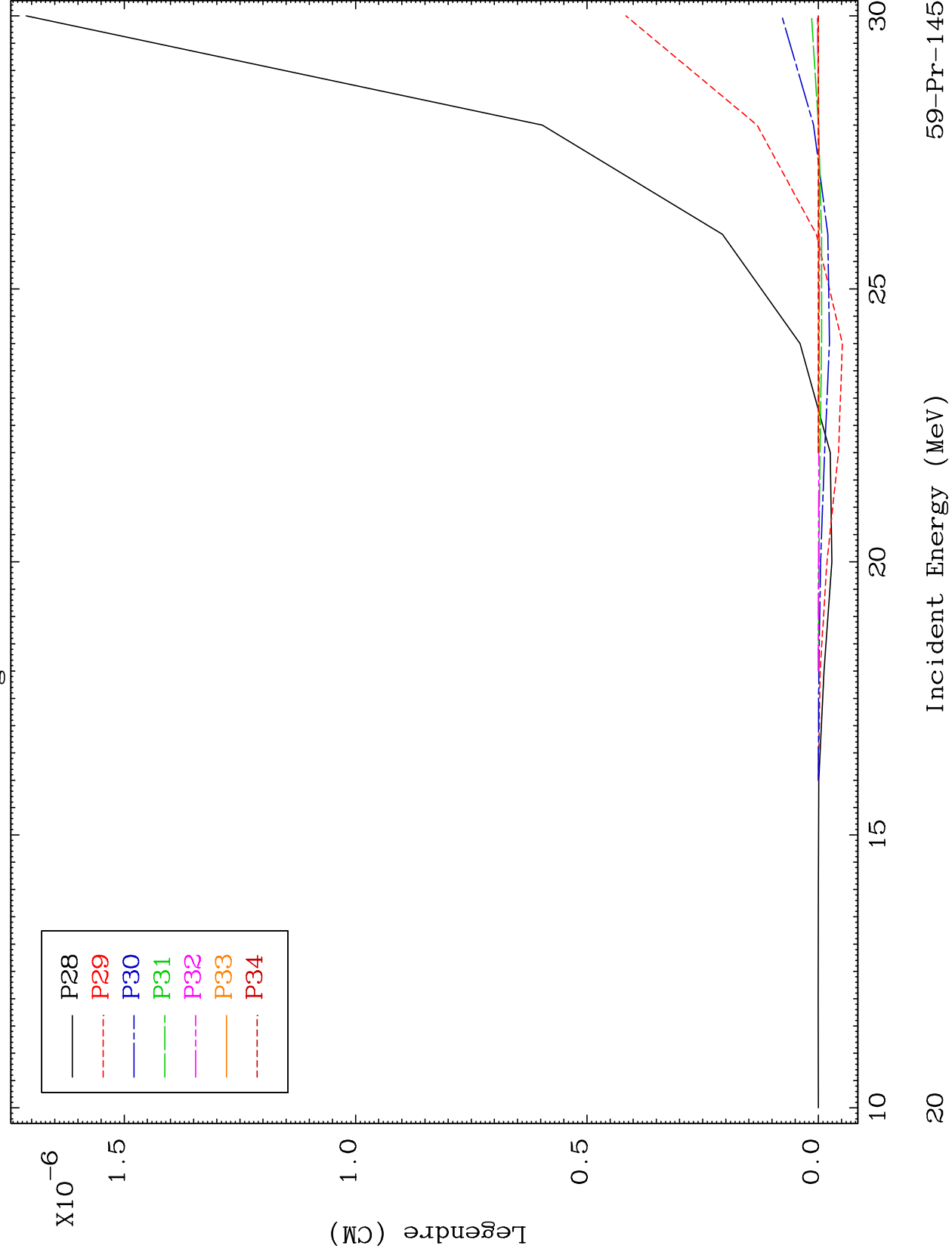
59-Pr-145

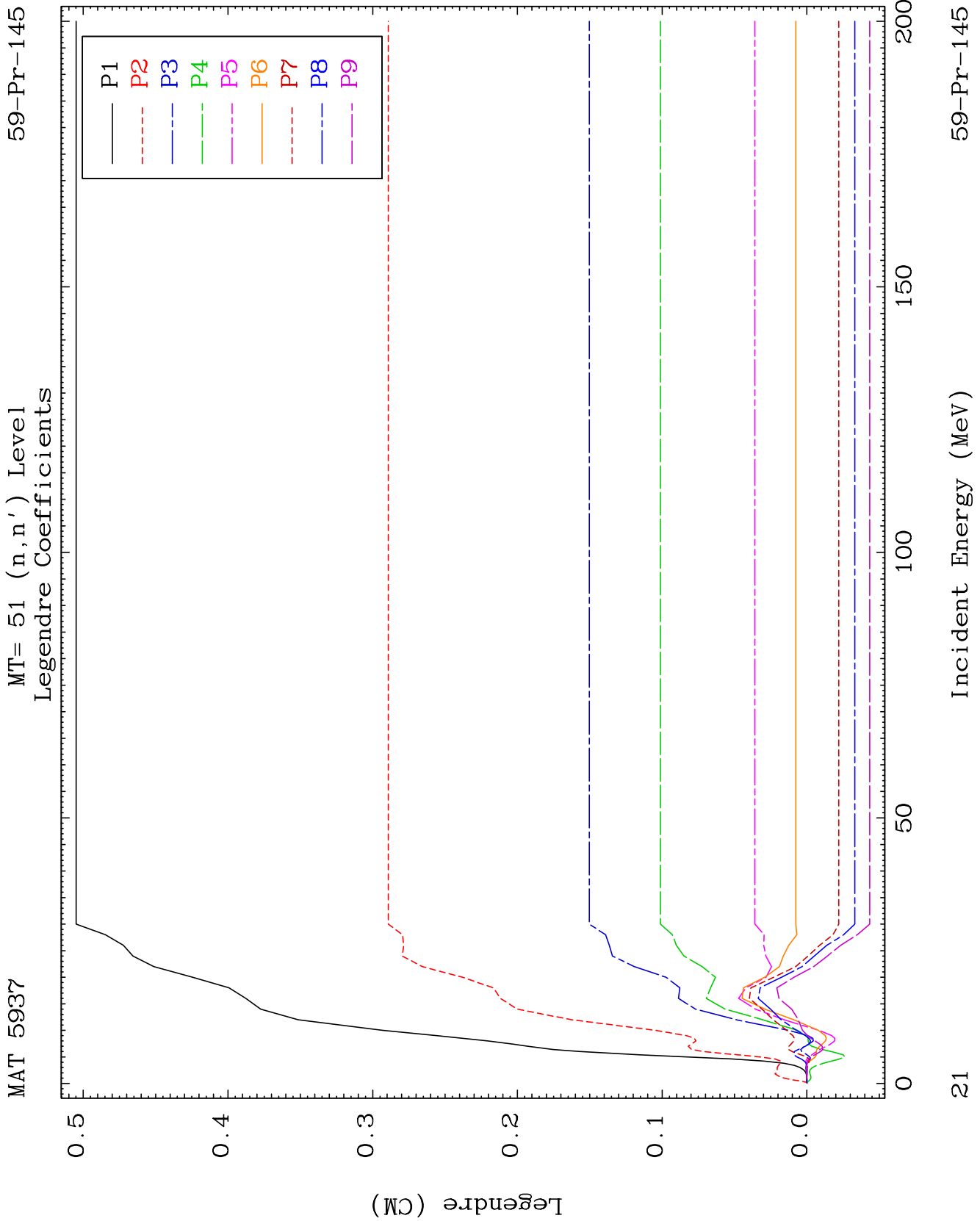


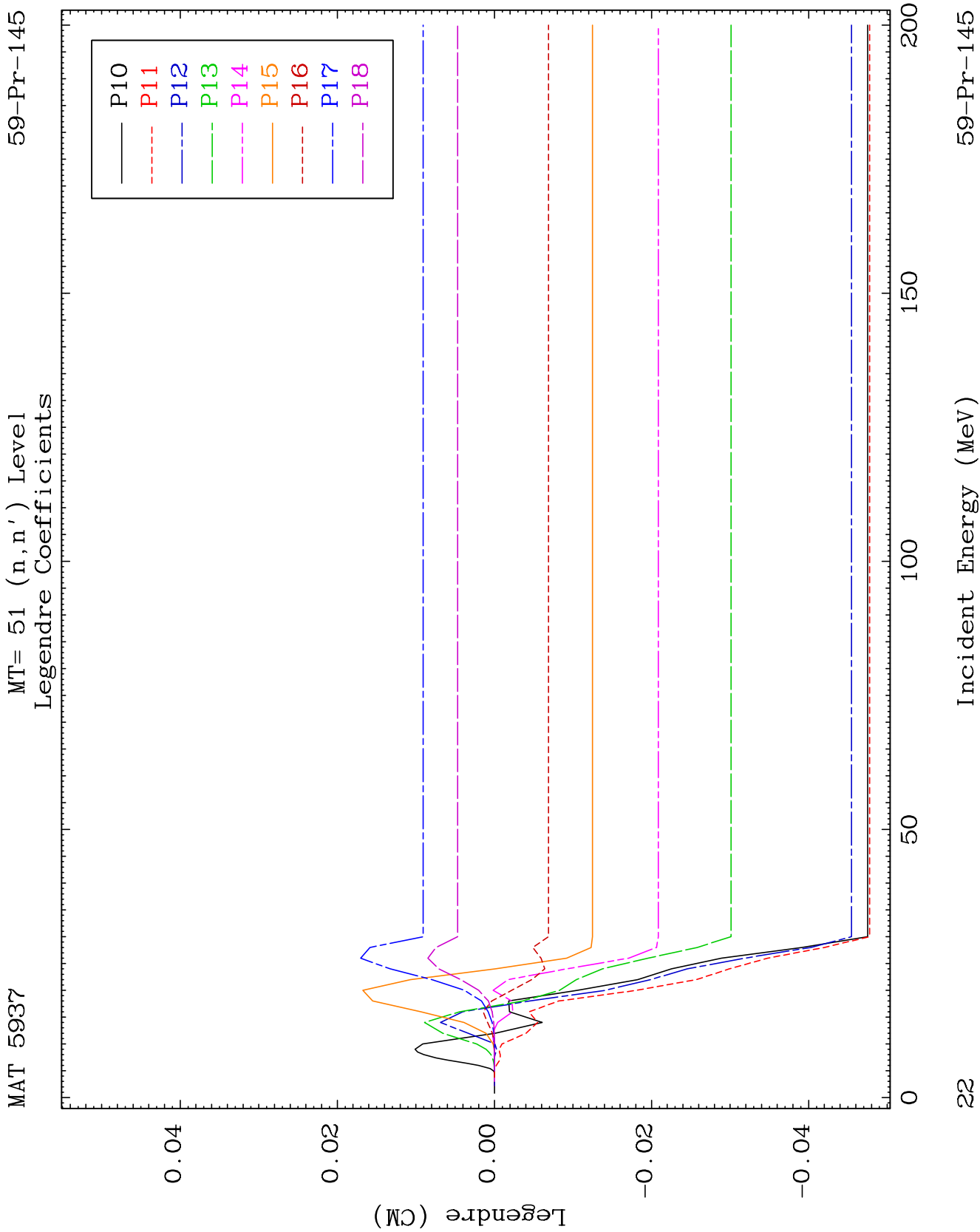
MAT 5937

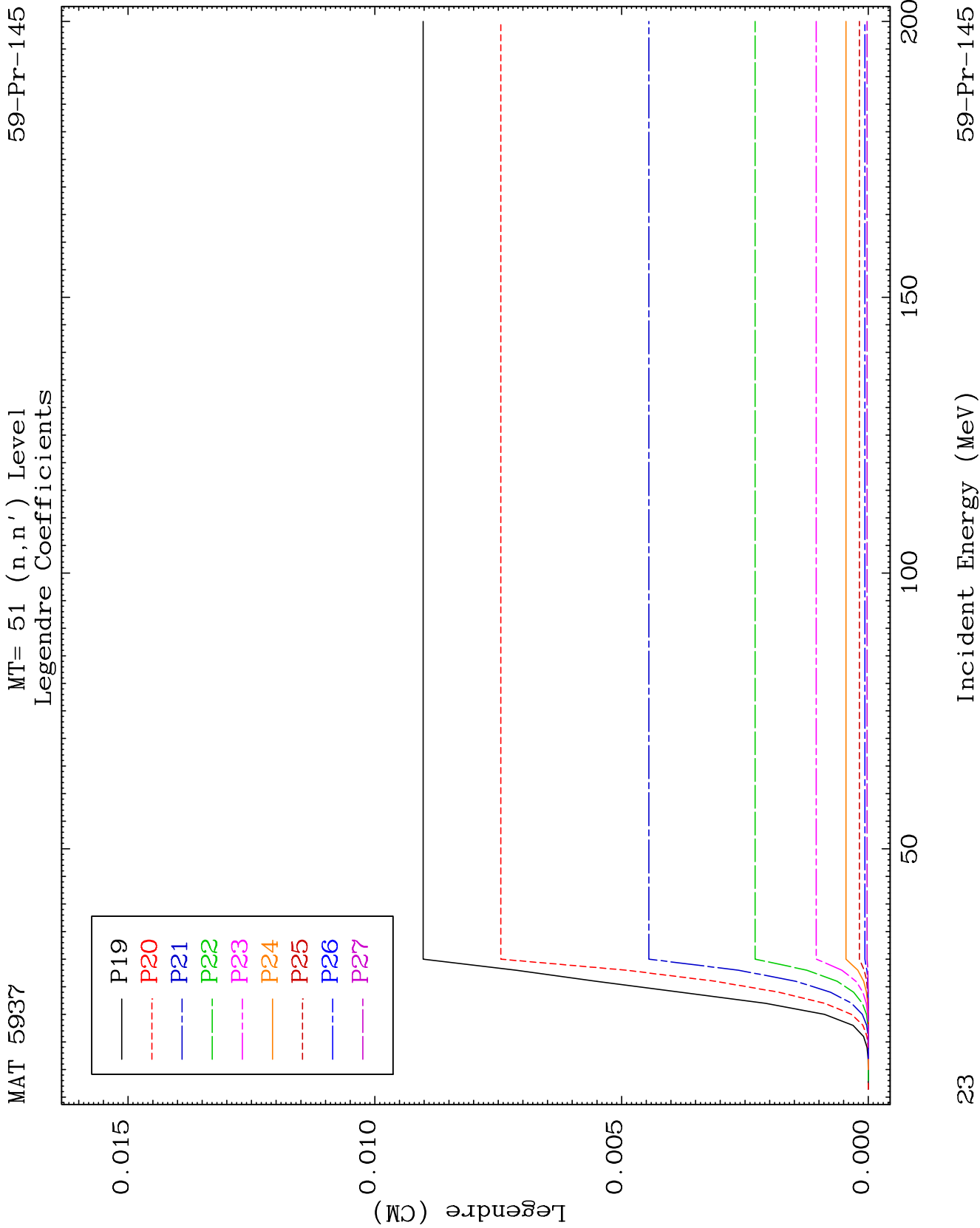
Elastic Legendre Coefficients

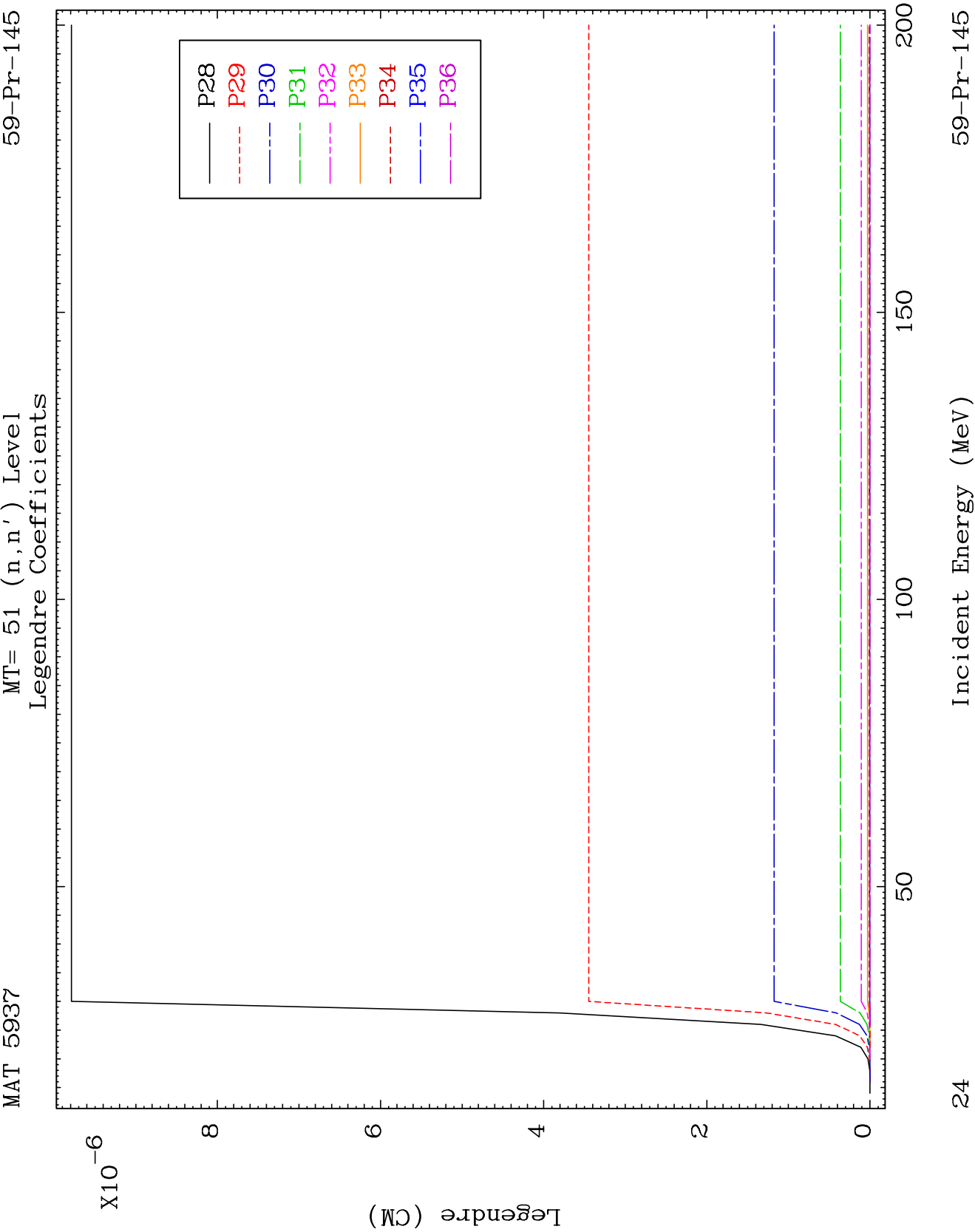
59-Pr-145







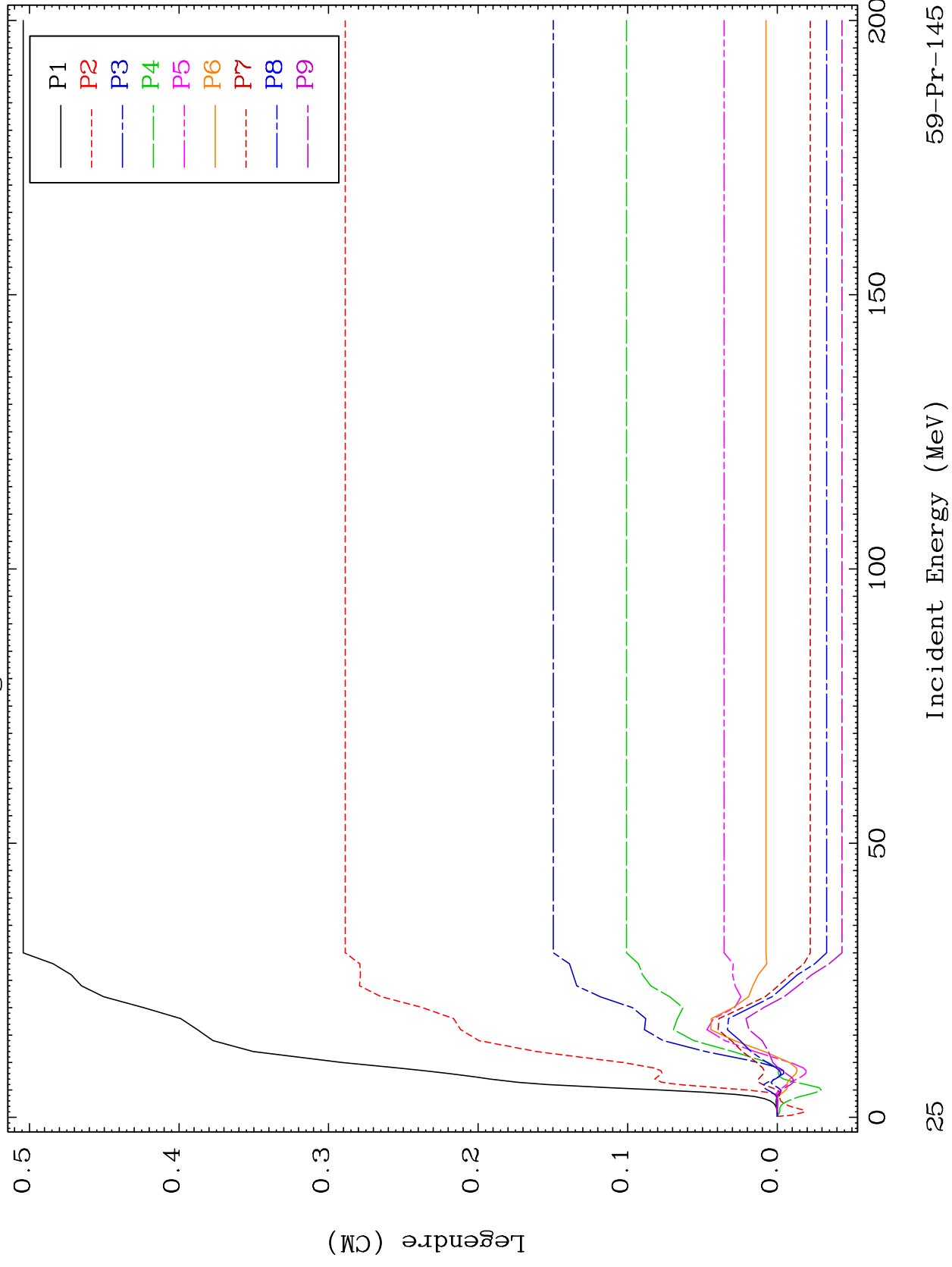


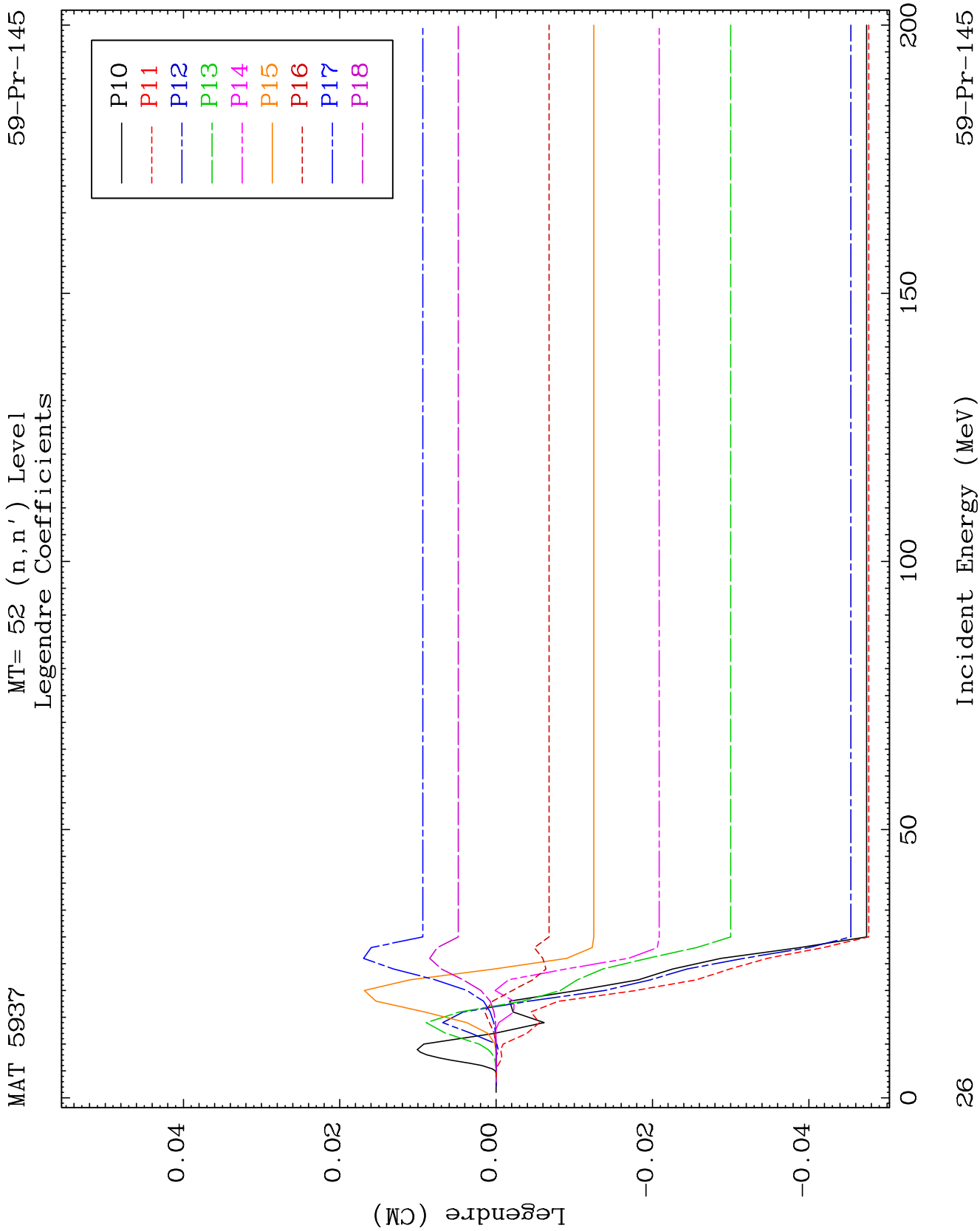


MAT 5937

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

59-Pr-145

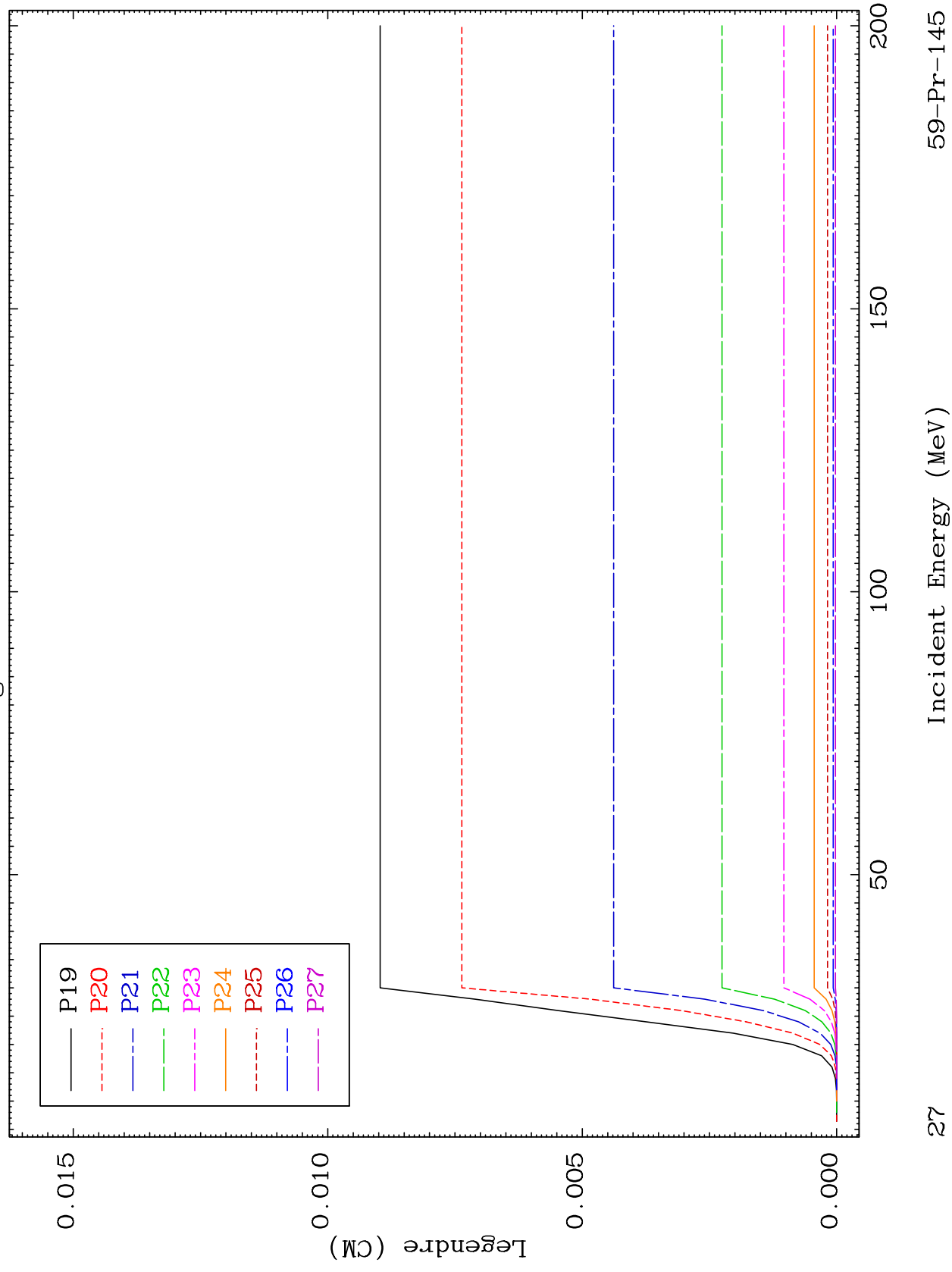




MAT 5937

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

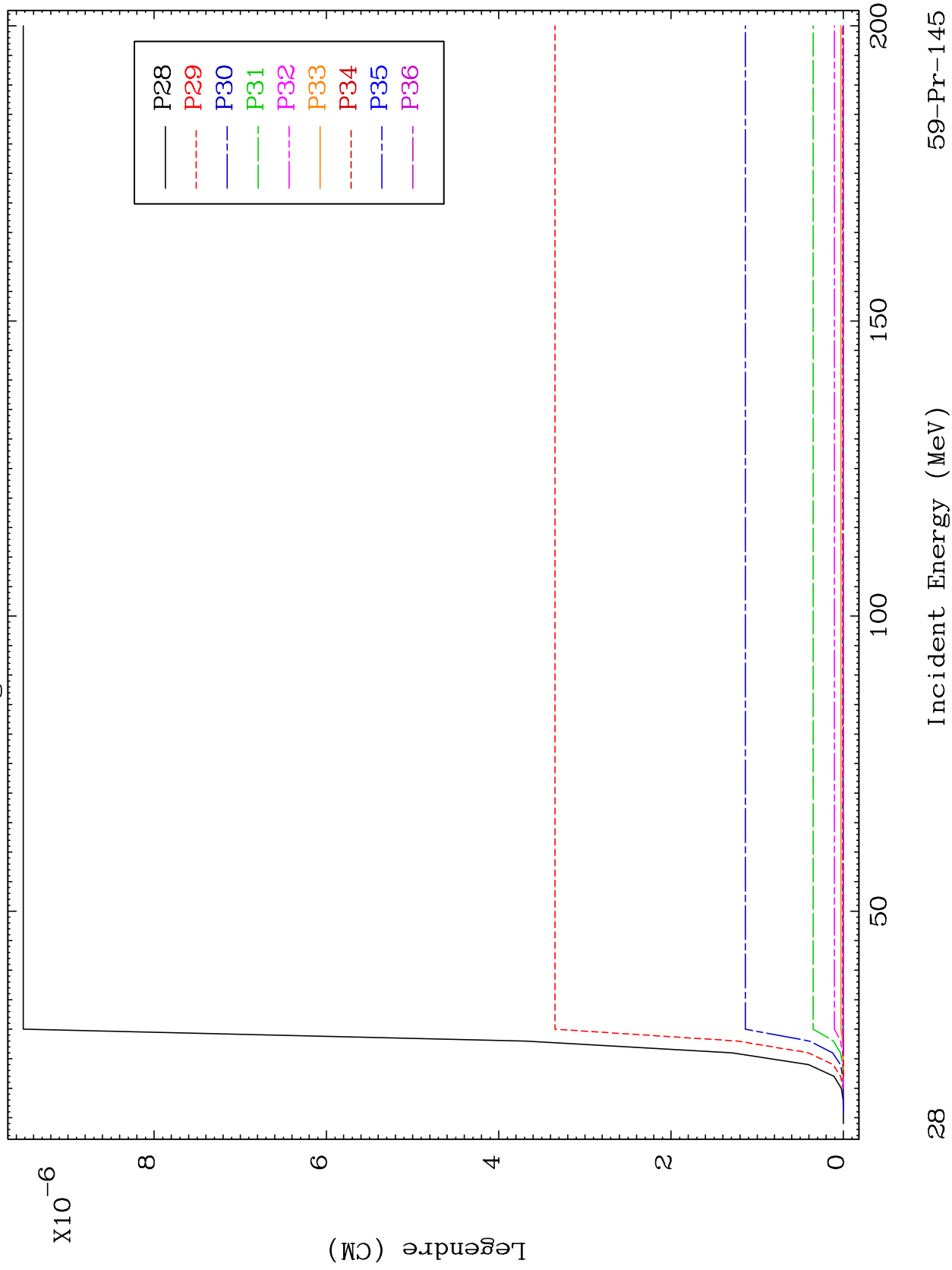
59-Pr-145

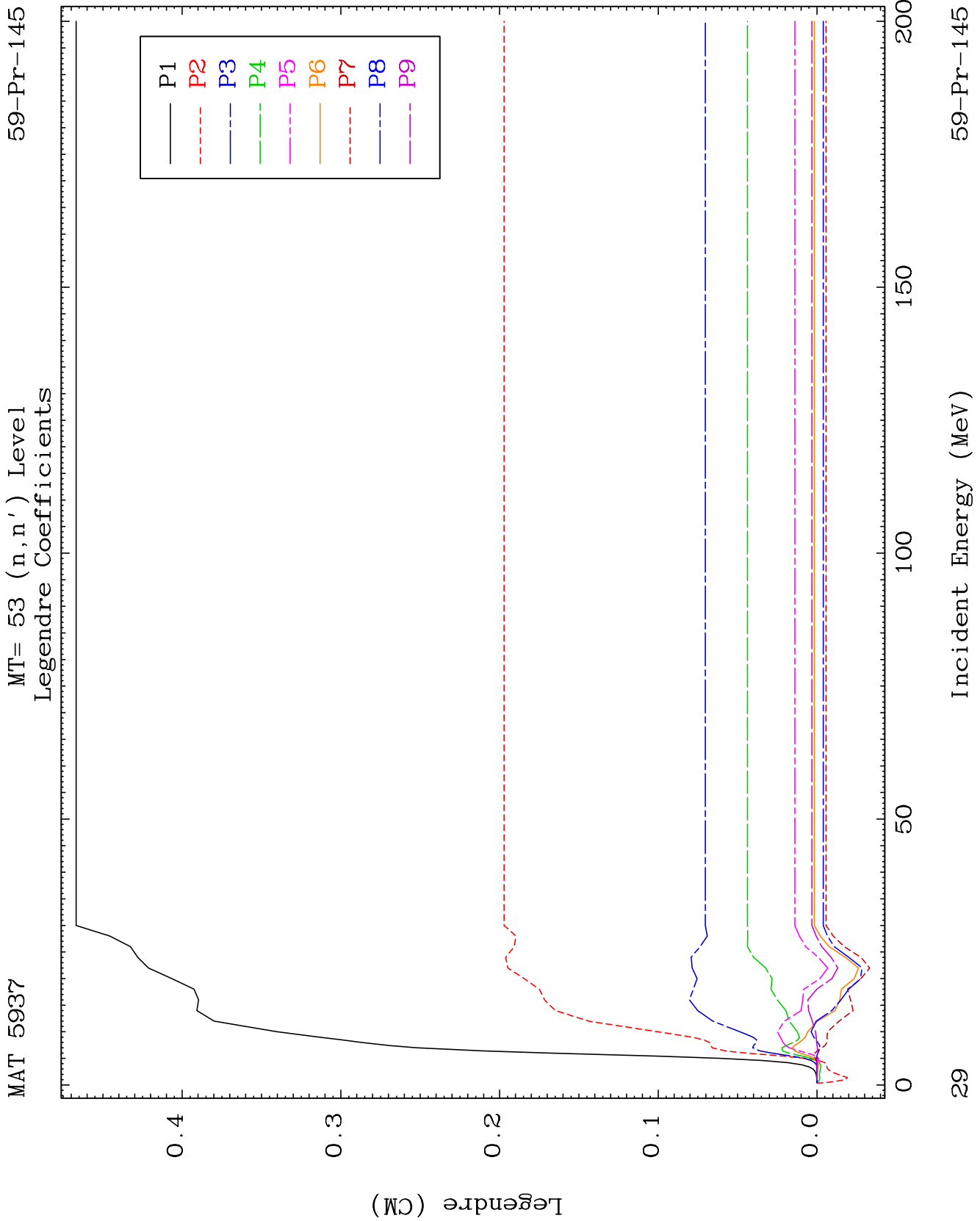


MAT 5937

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

59-Pr-145

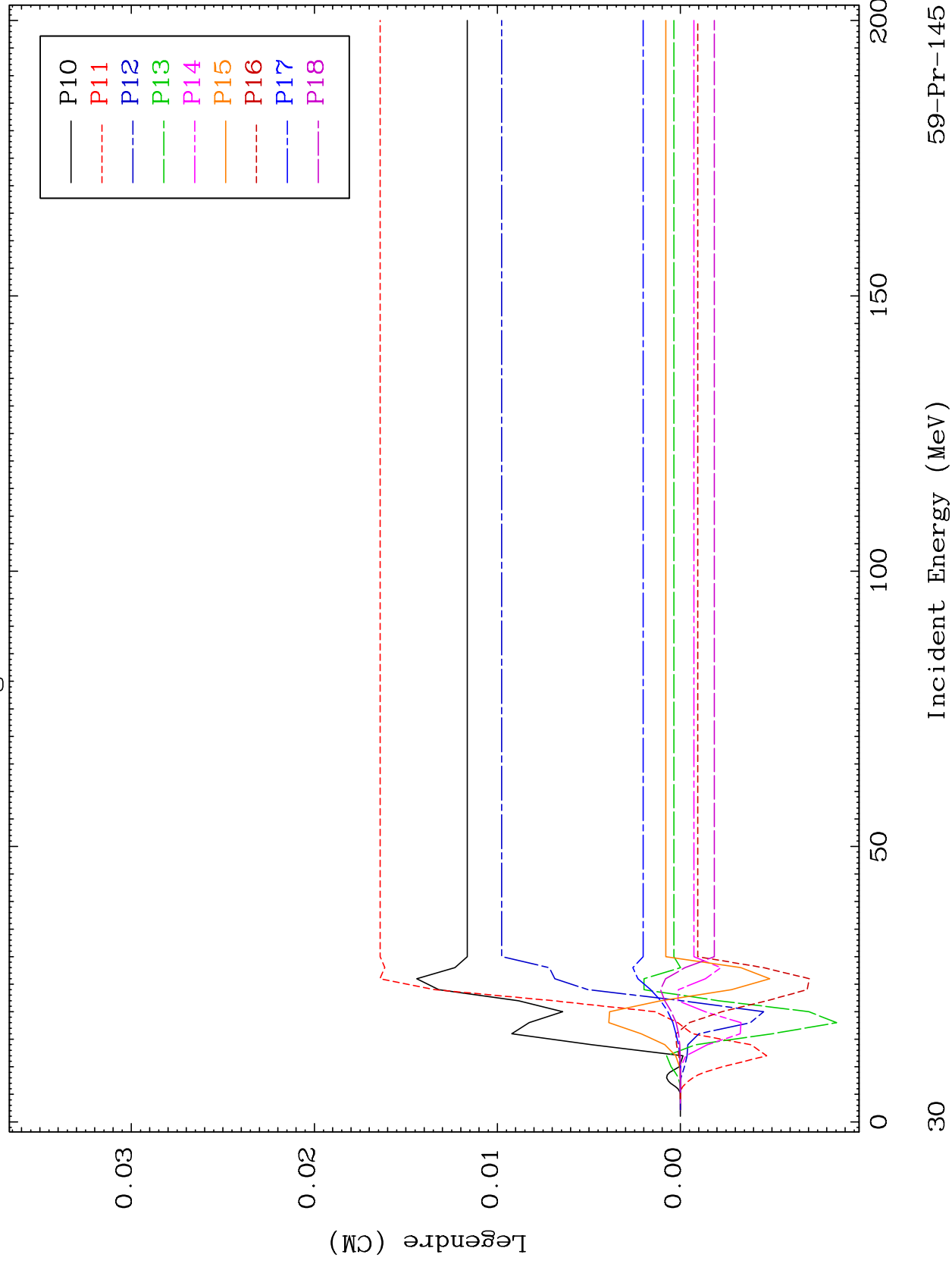


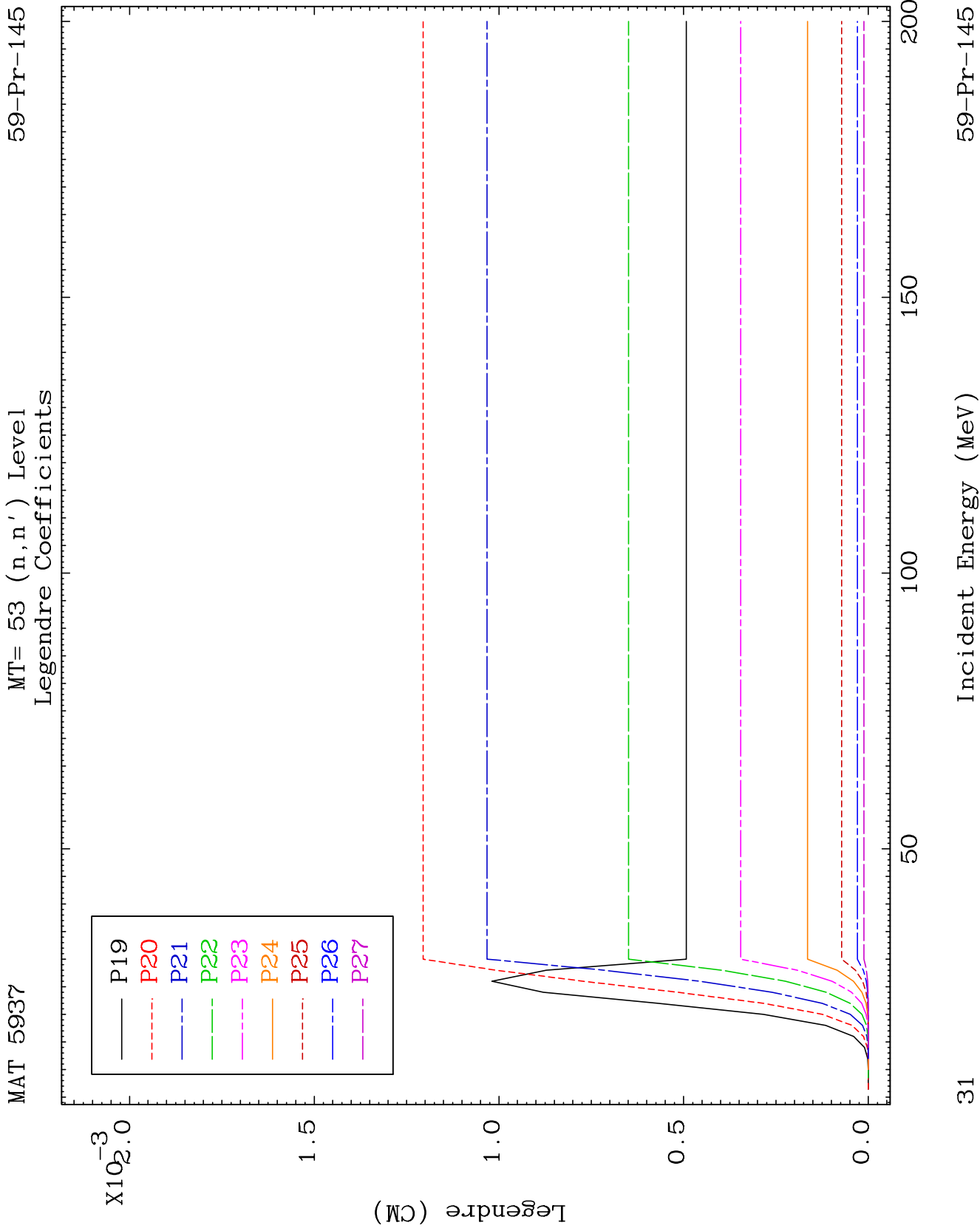


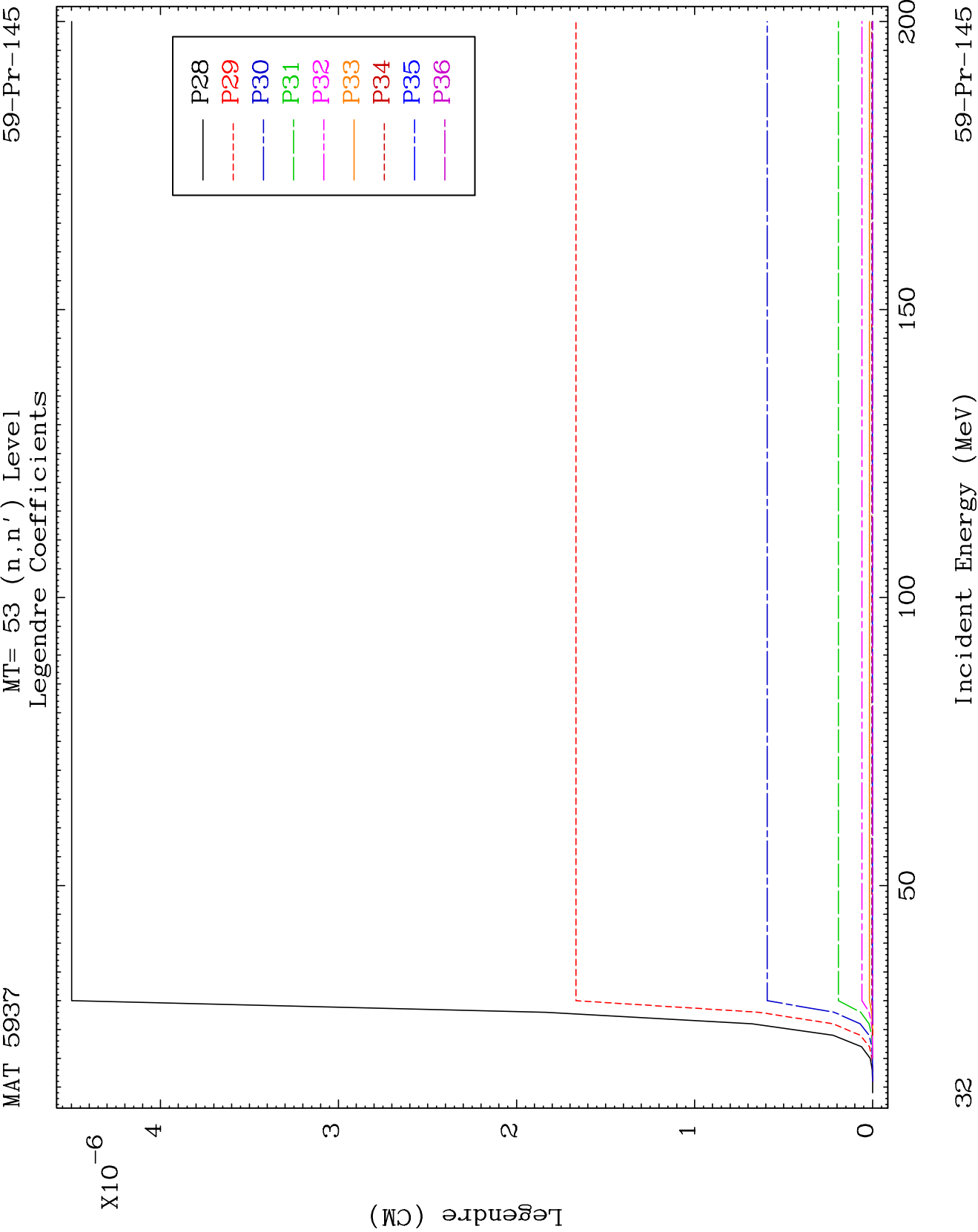
MAT 5937

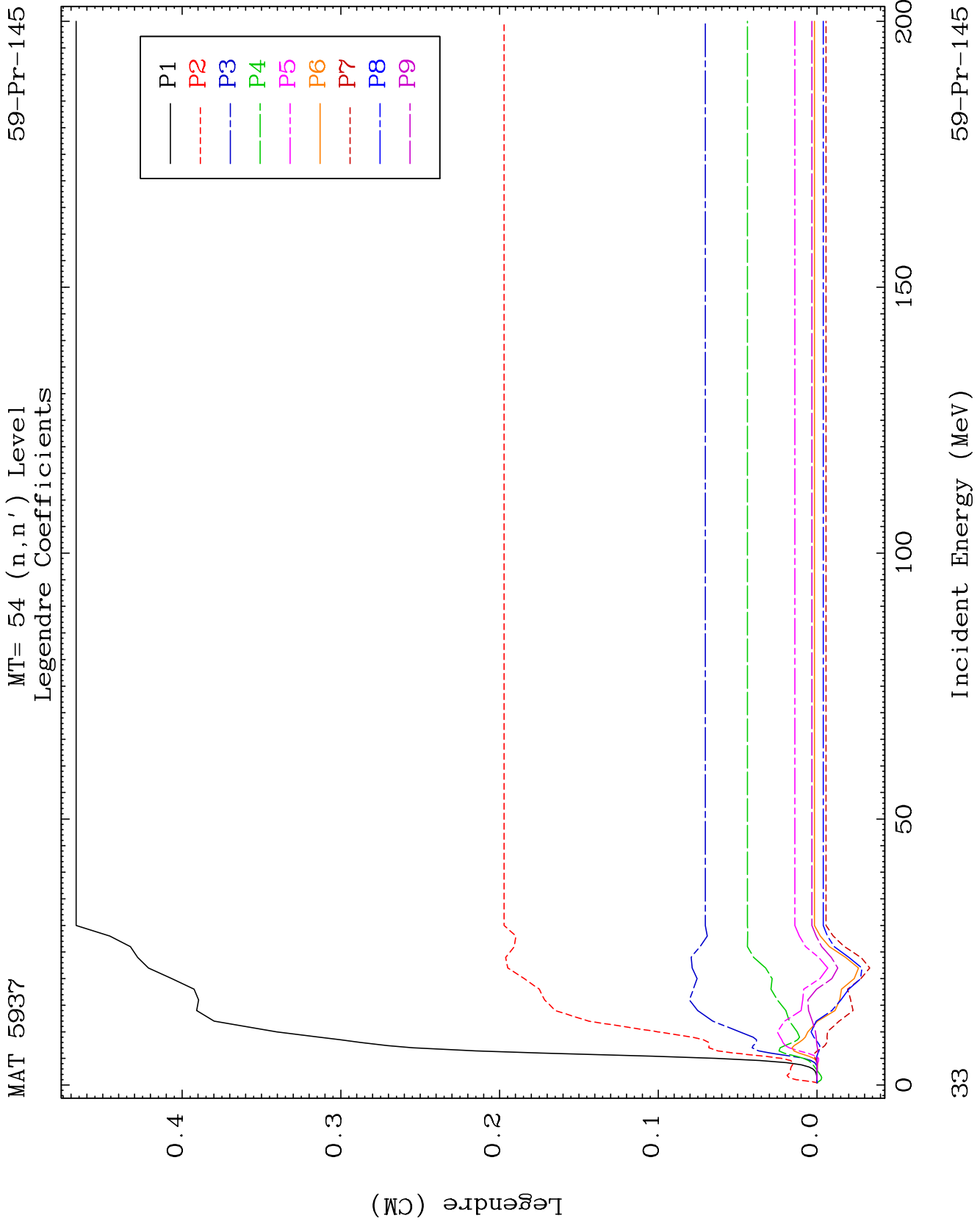
MT= 53 (n, n') Level
Legendre Coefficients

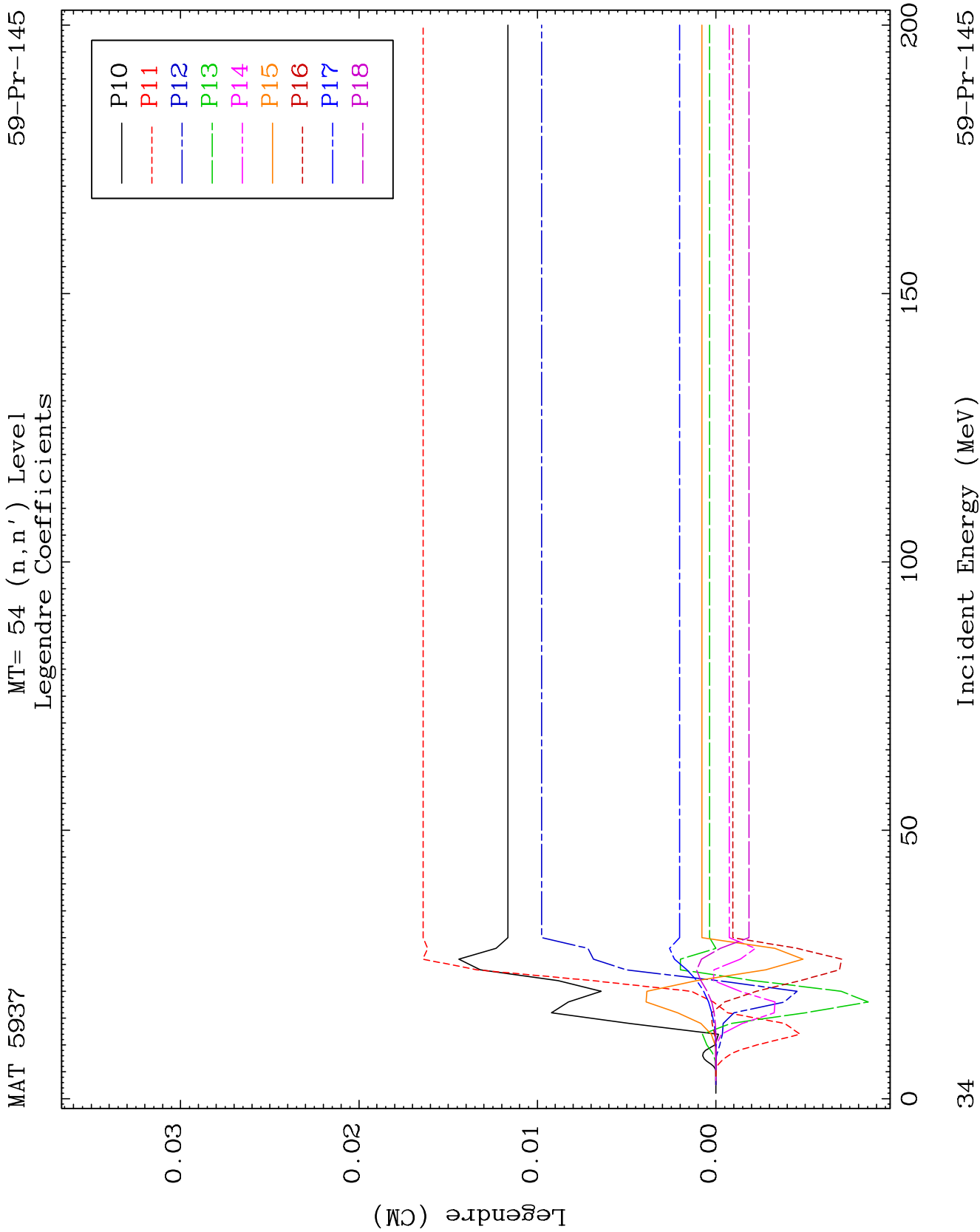
59-Pr-145

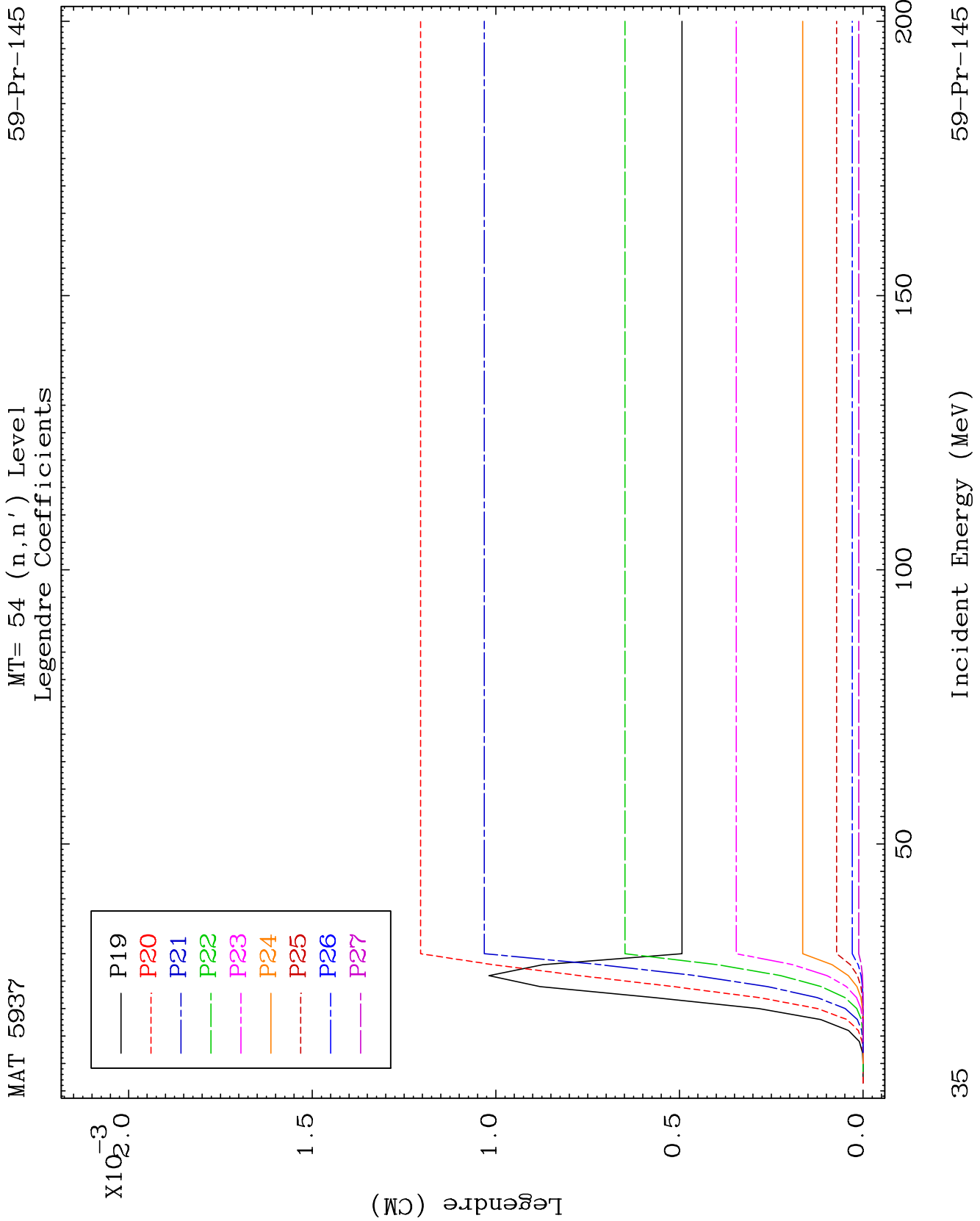








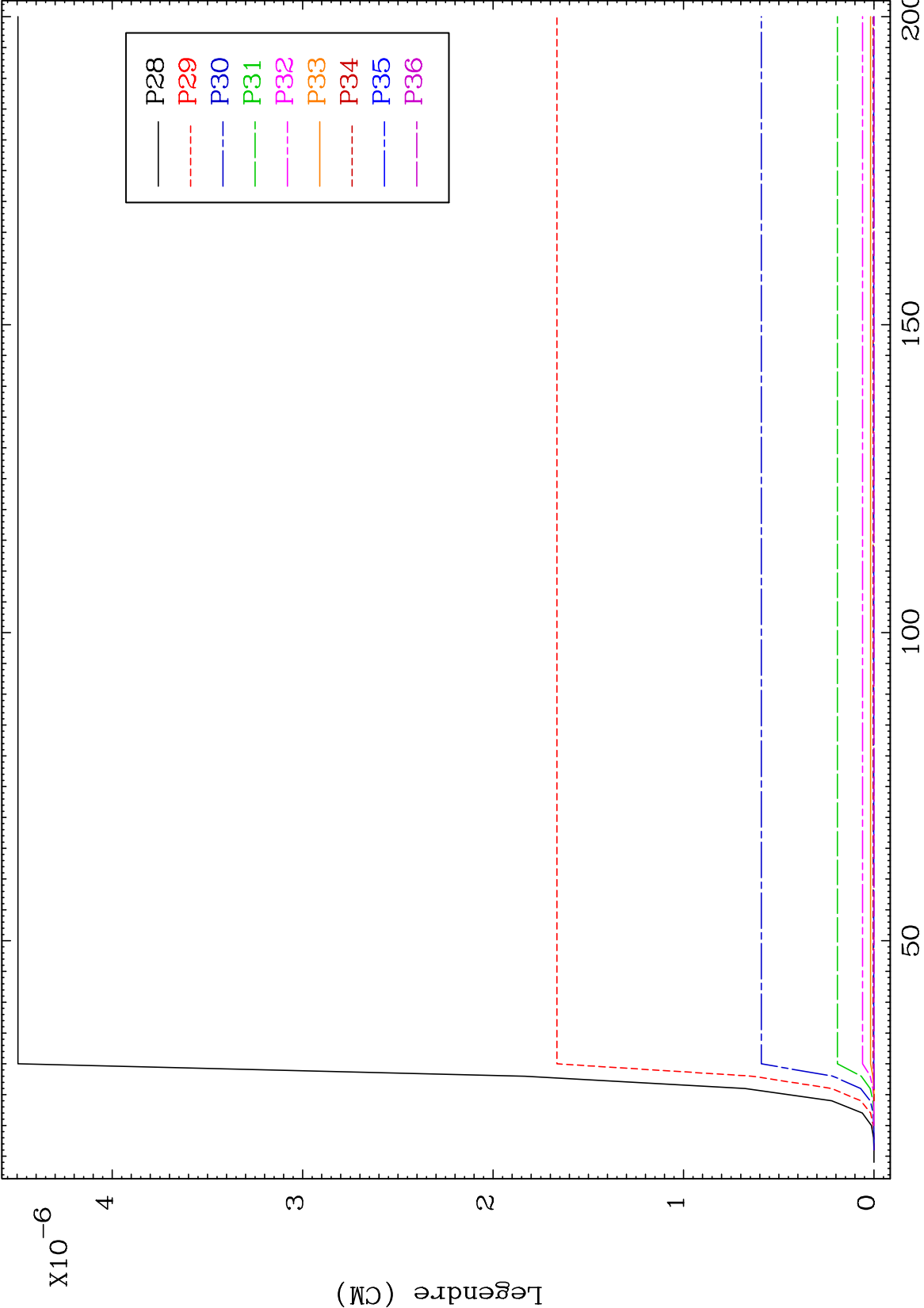




MAT 5937

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

59-Pr-145



59-Pr-145

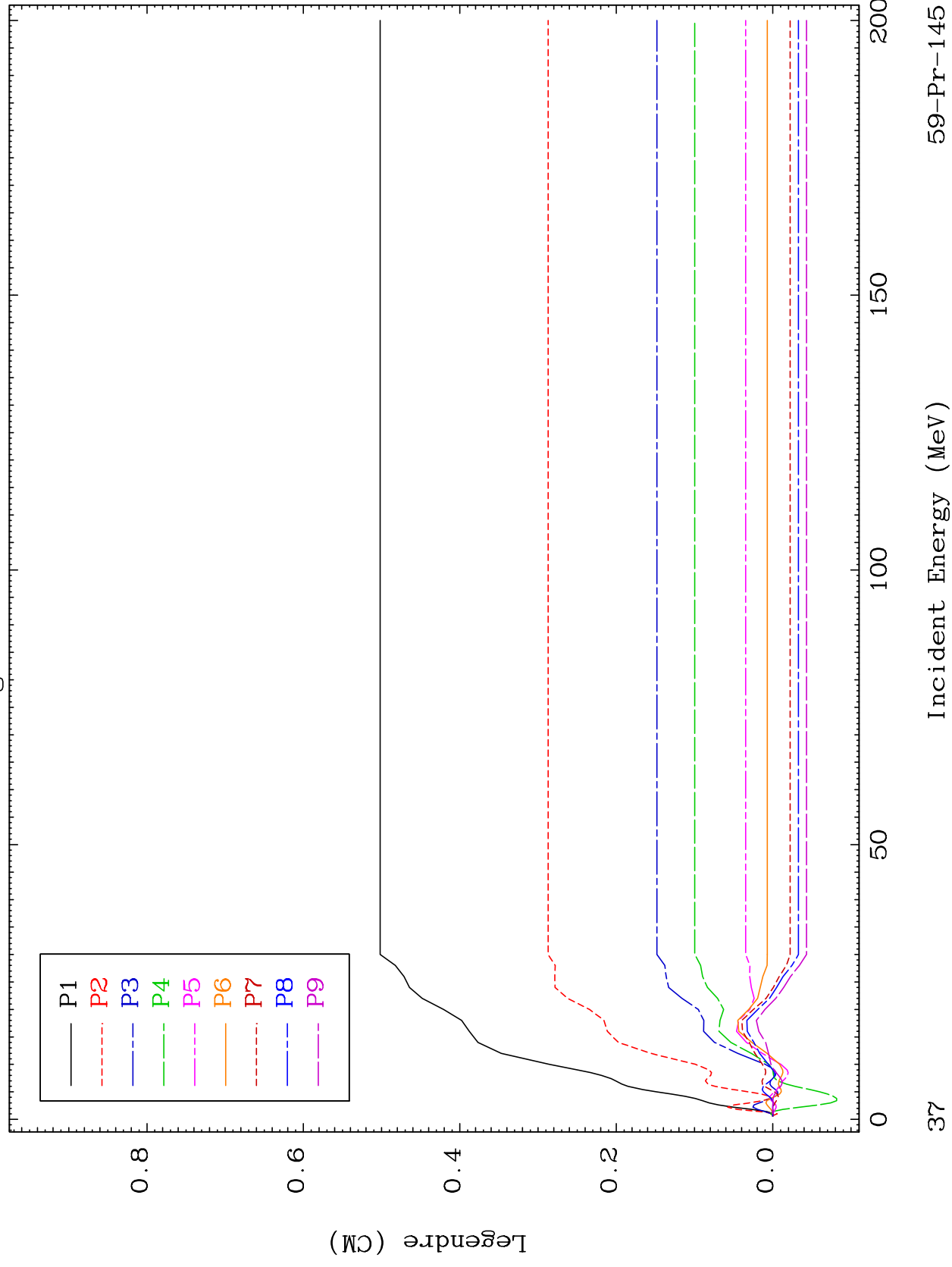
Incident Energy (MeV)

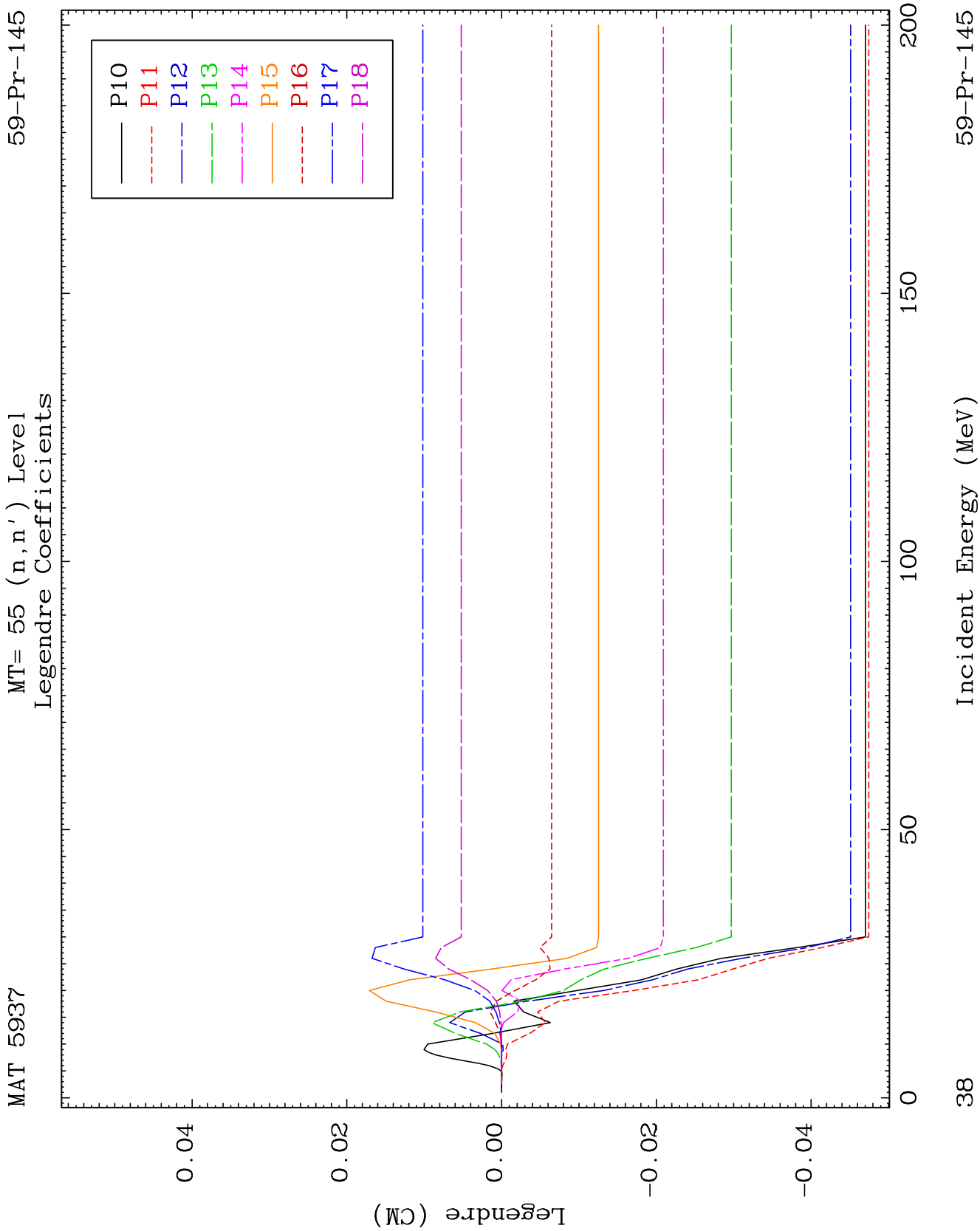
36

MAT 5937

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

59-Pr-145

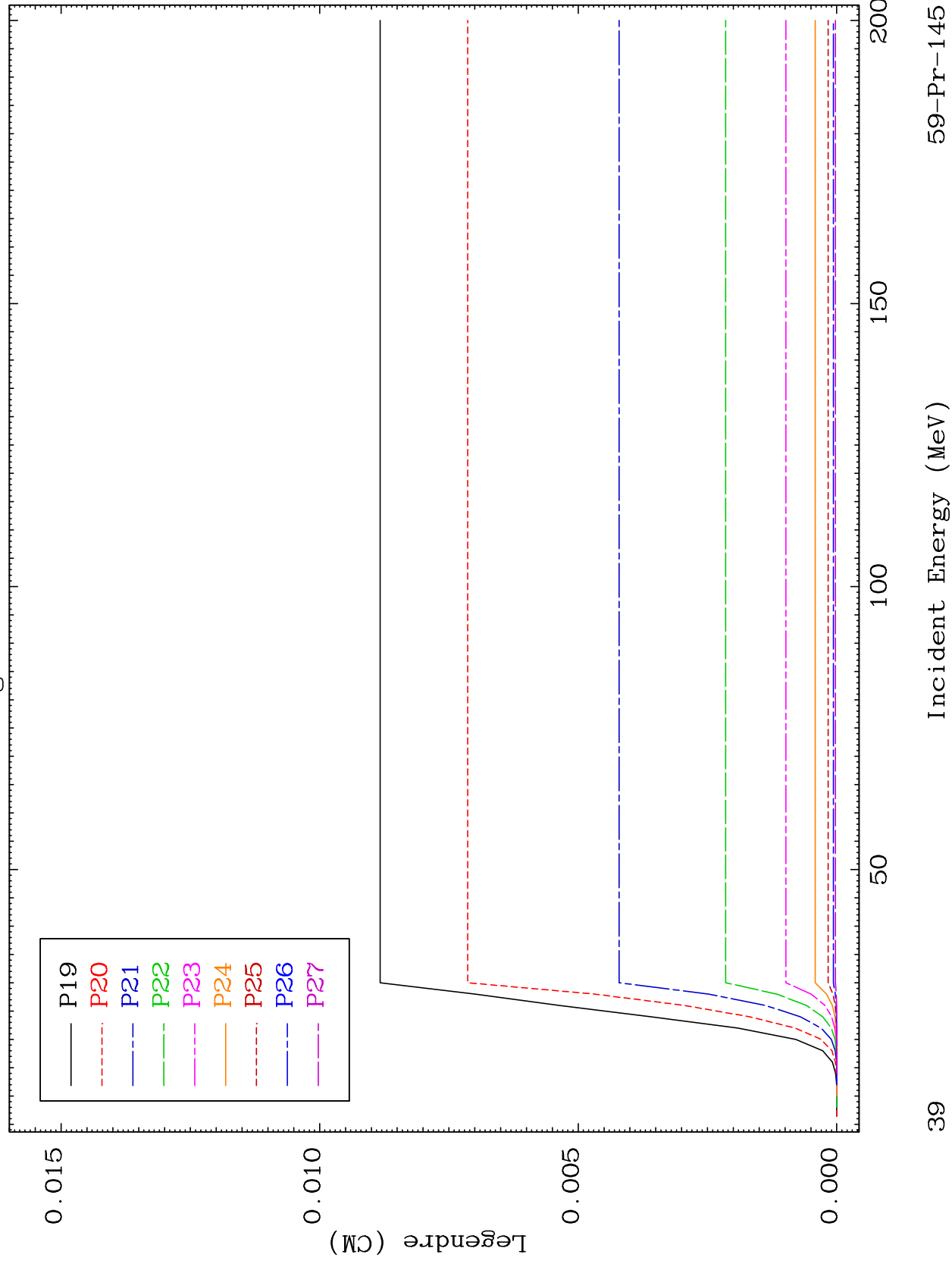


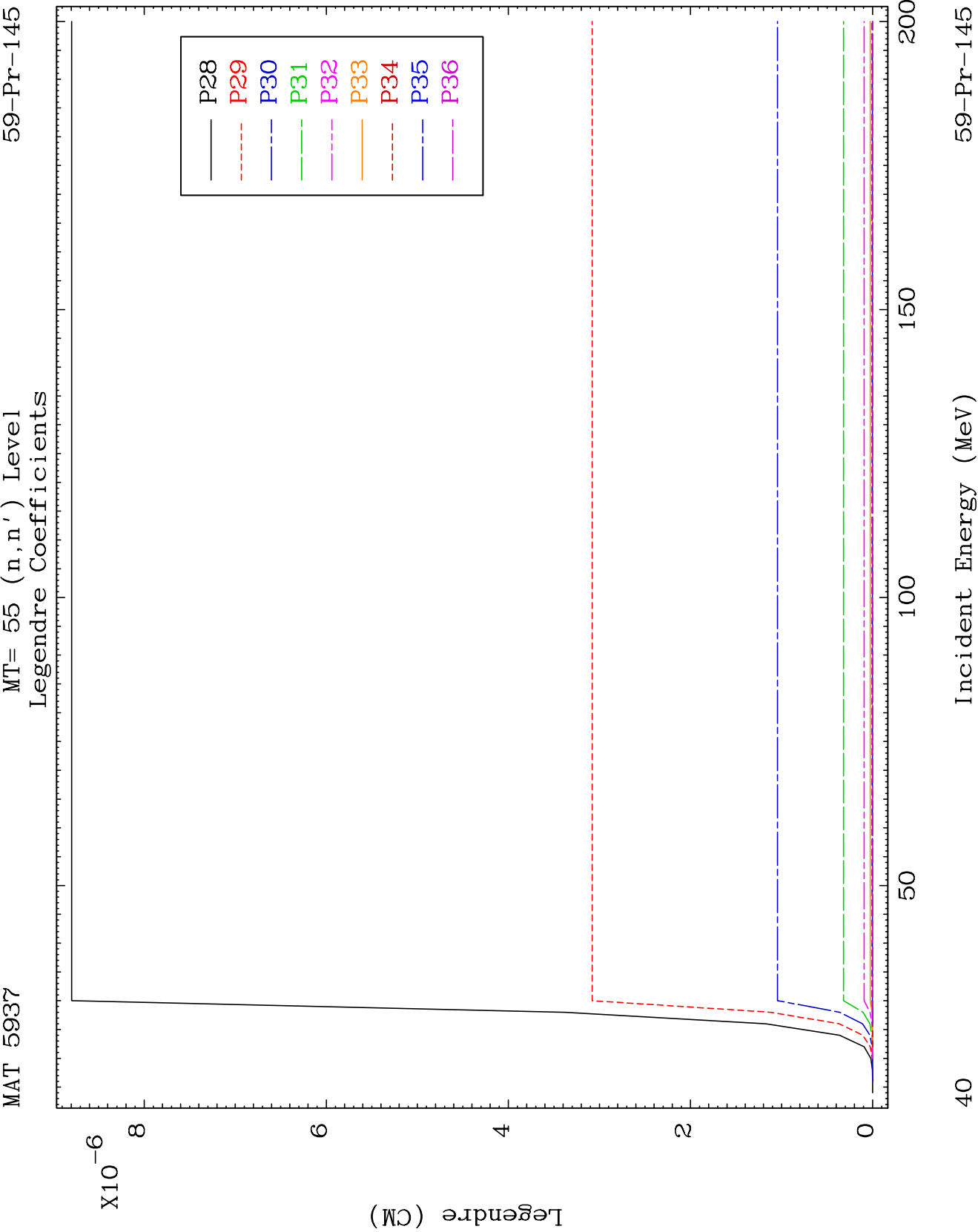


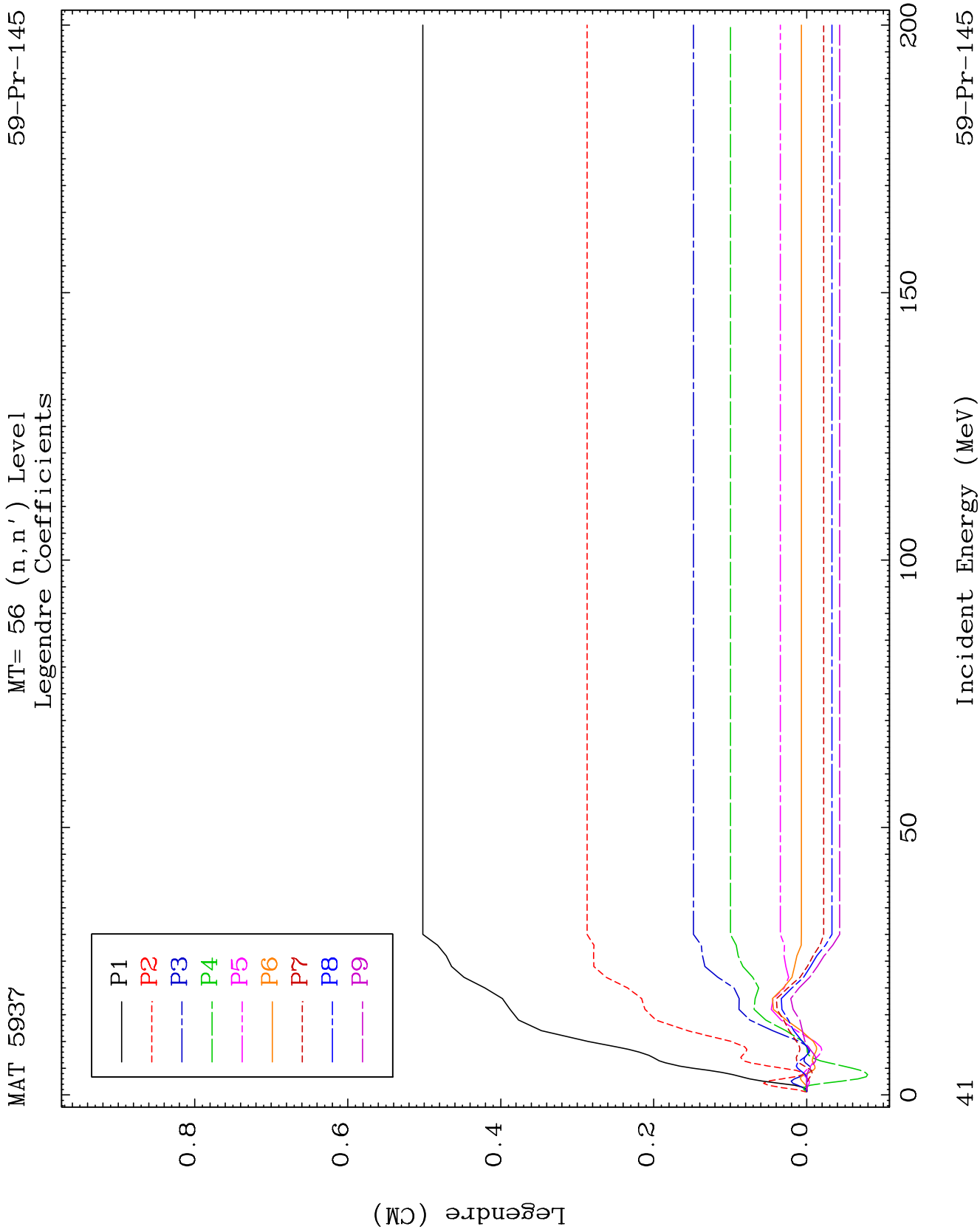
MAT 5937

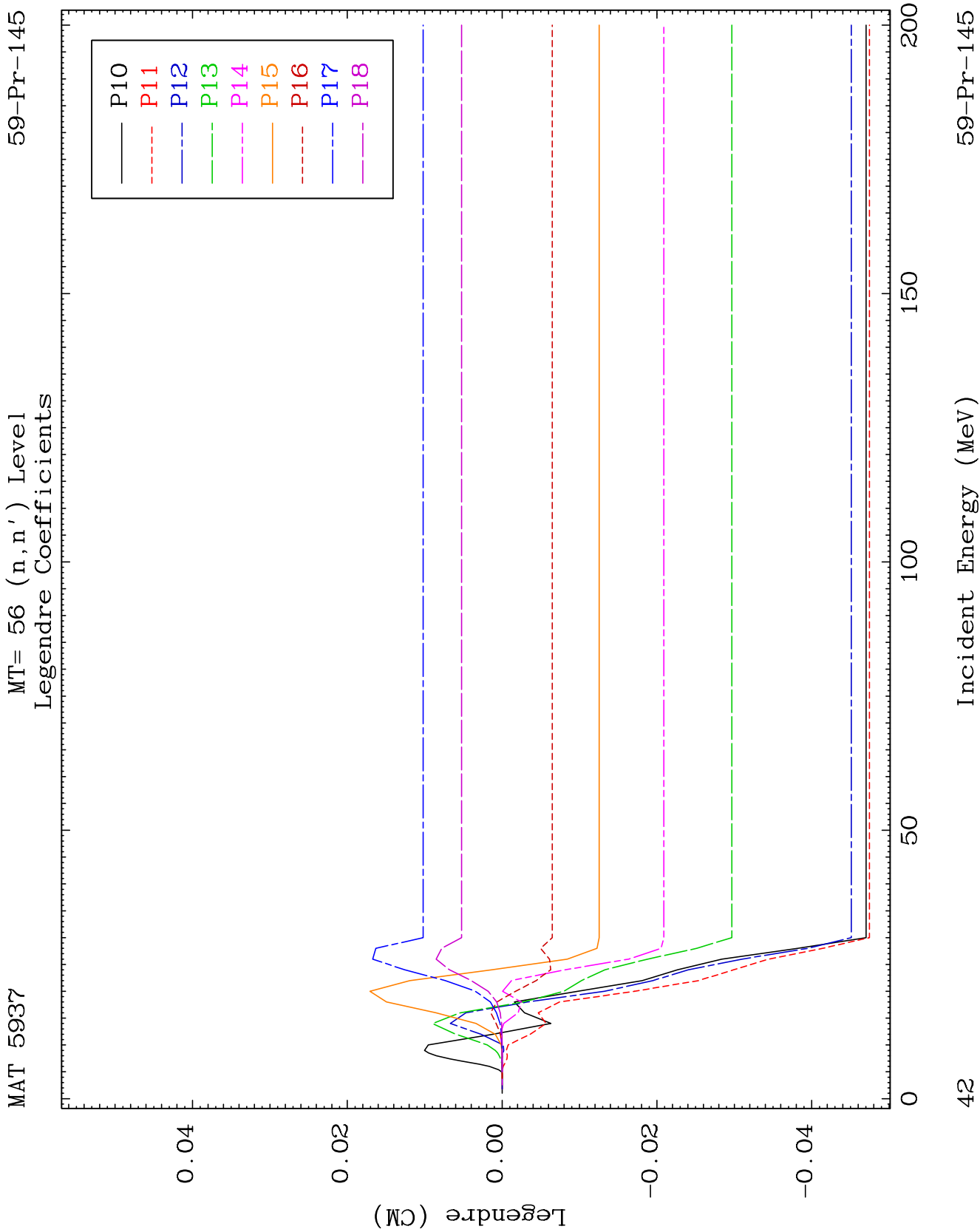
MT= 55 (n, n') Level
Legendre Coefficients

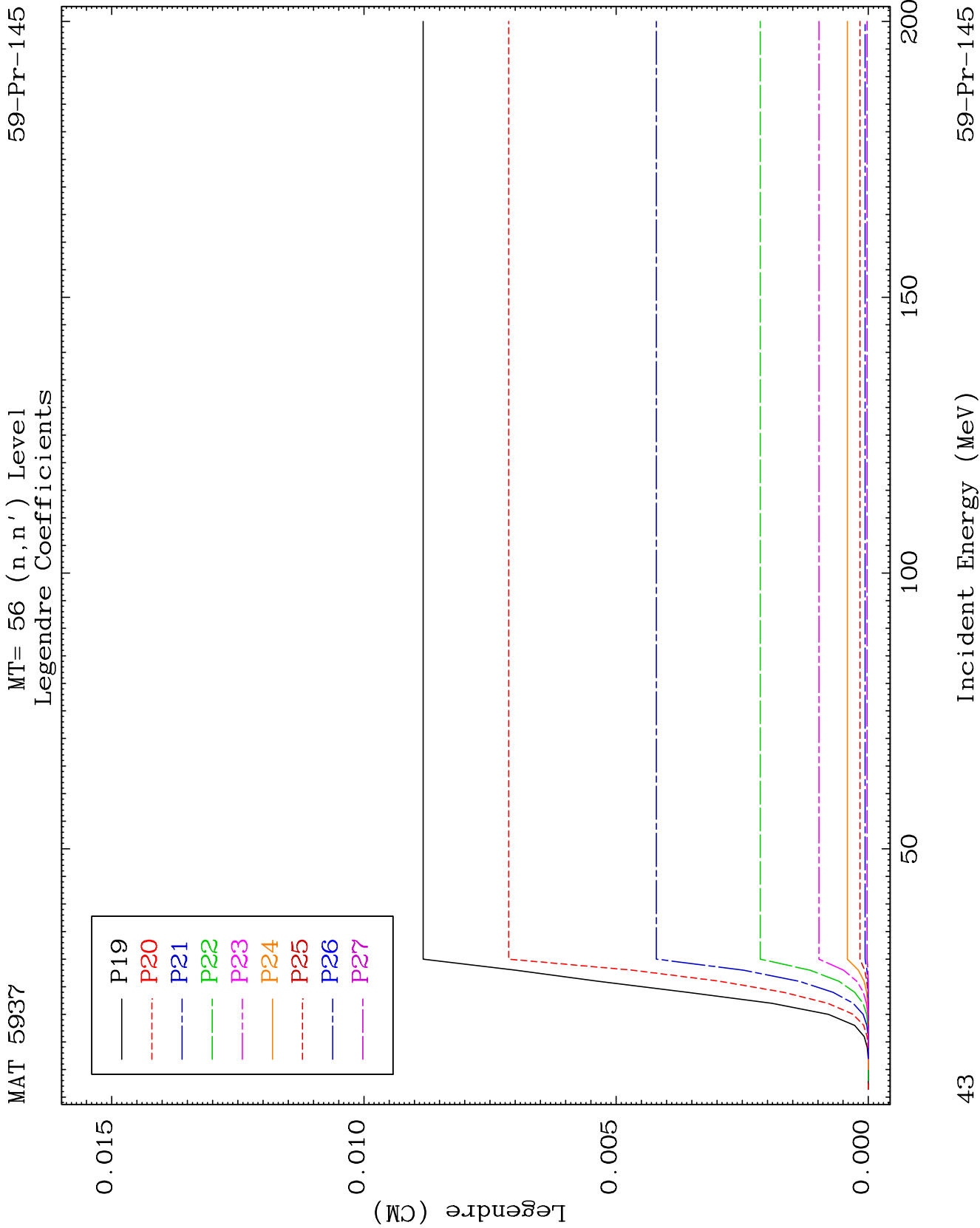
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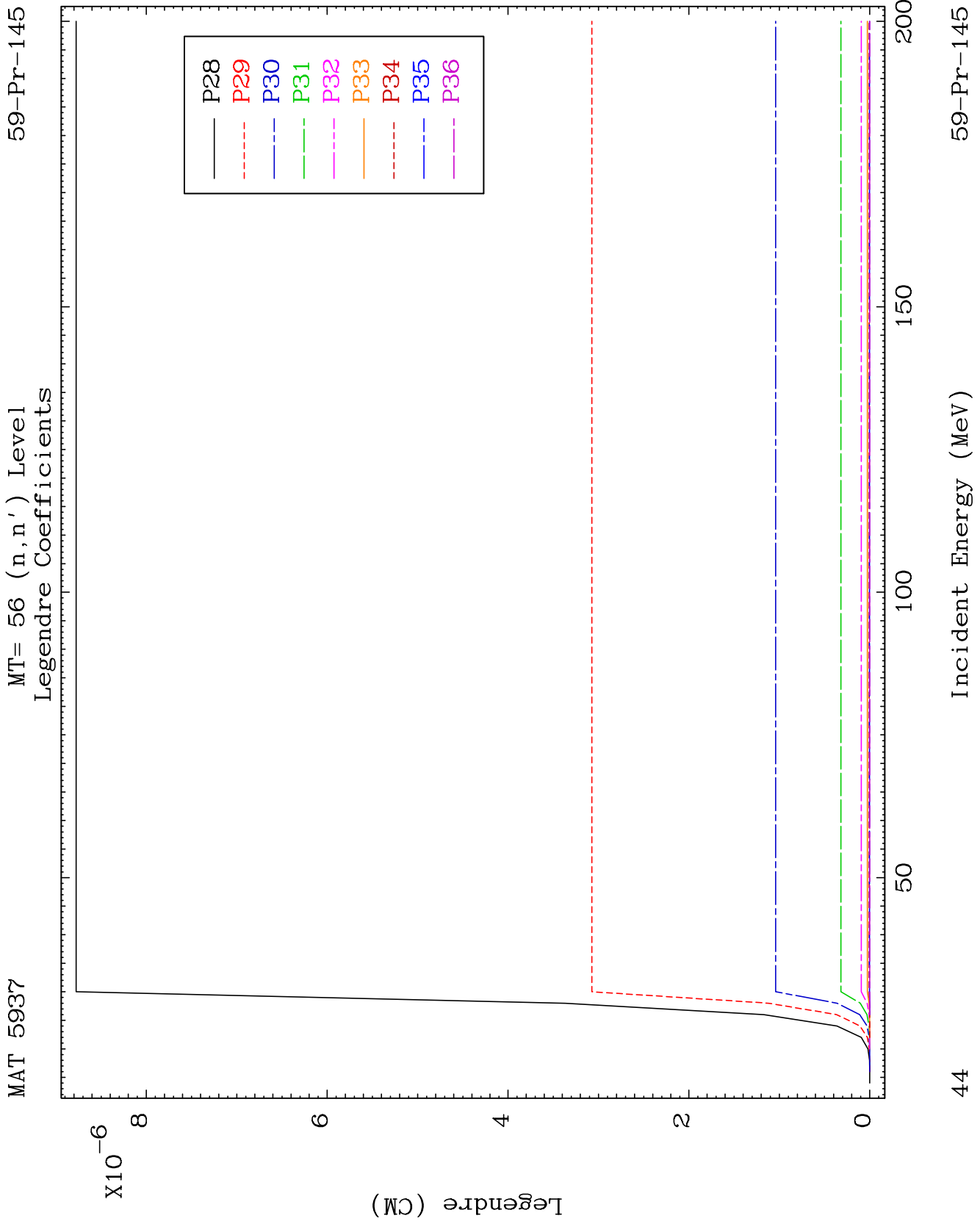








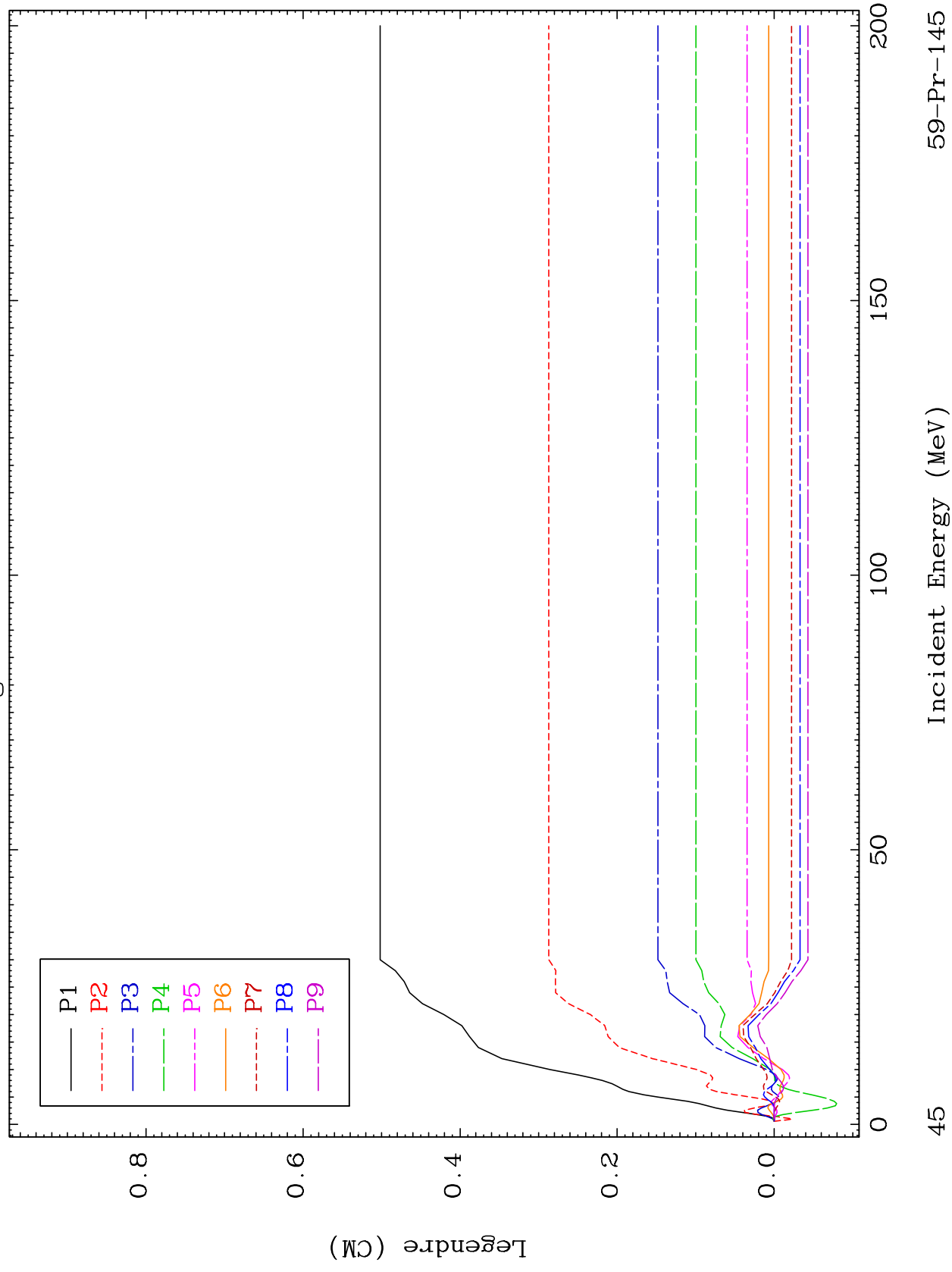


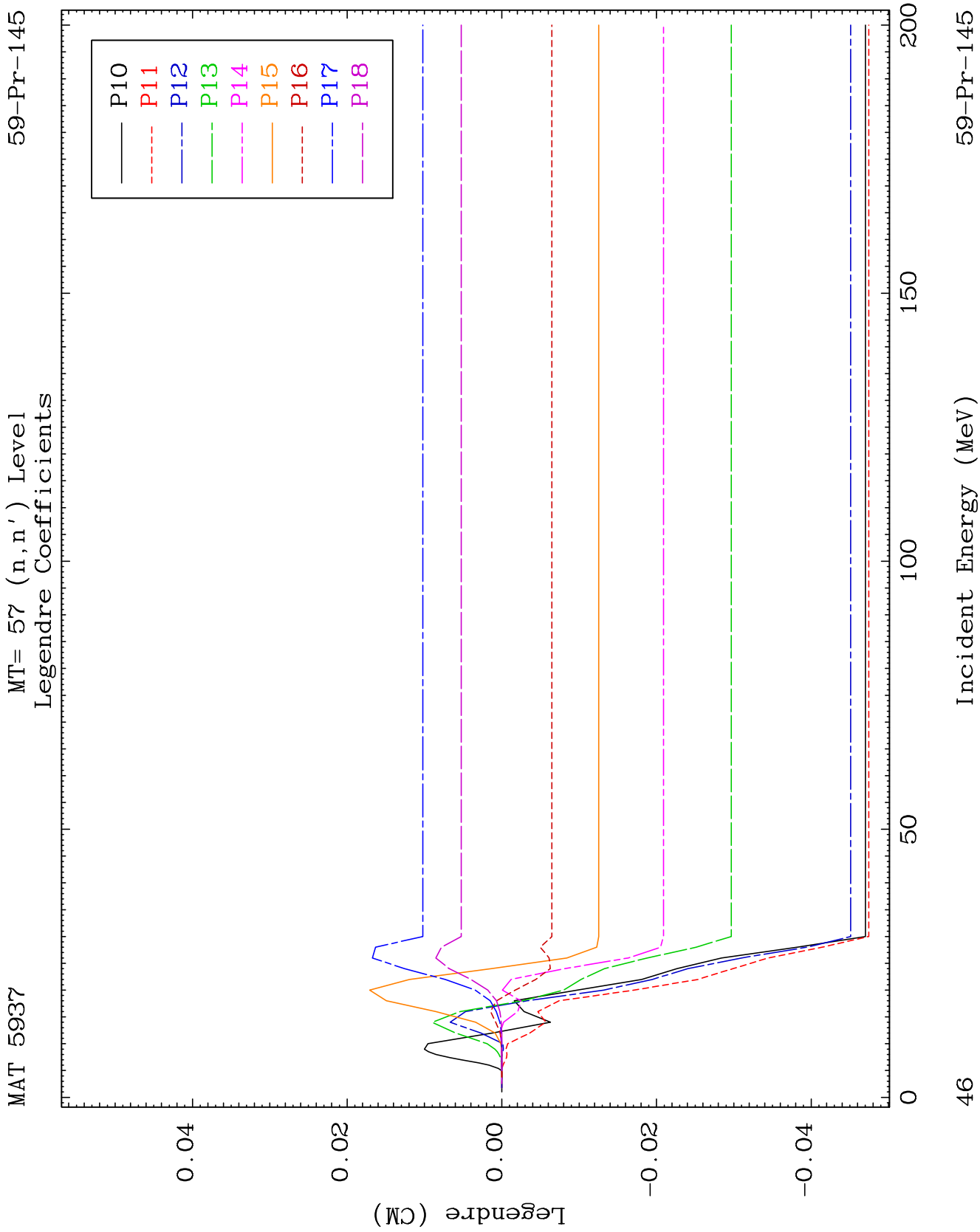


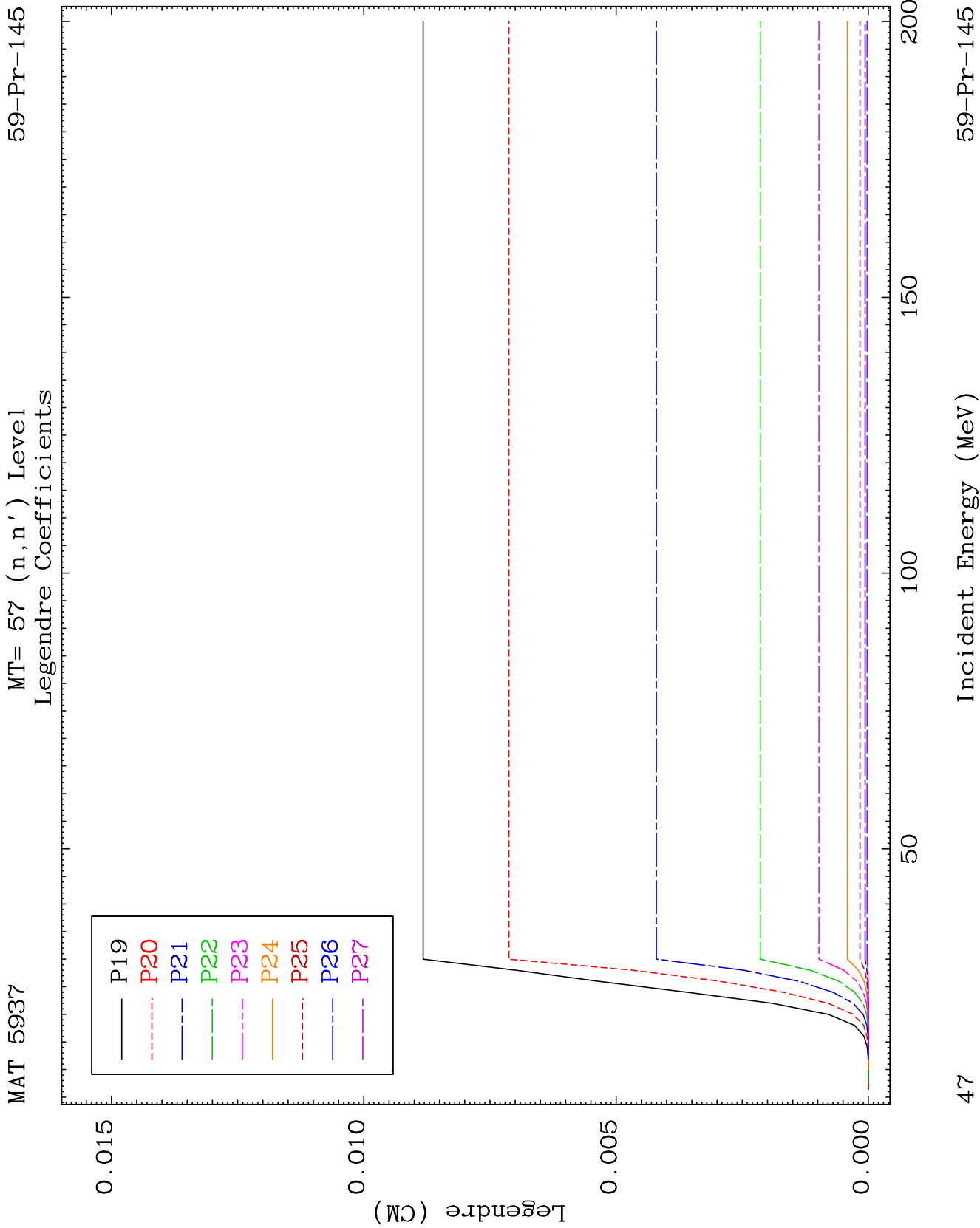
MAT 5937

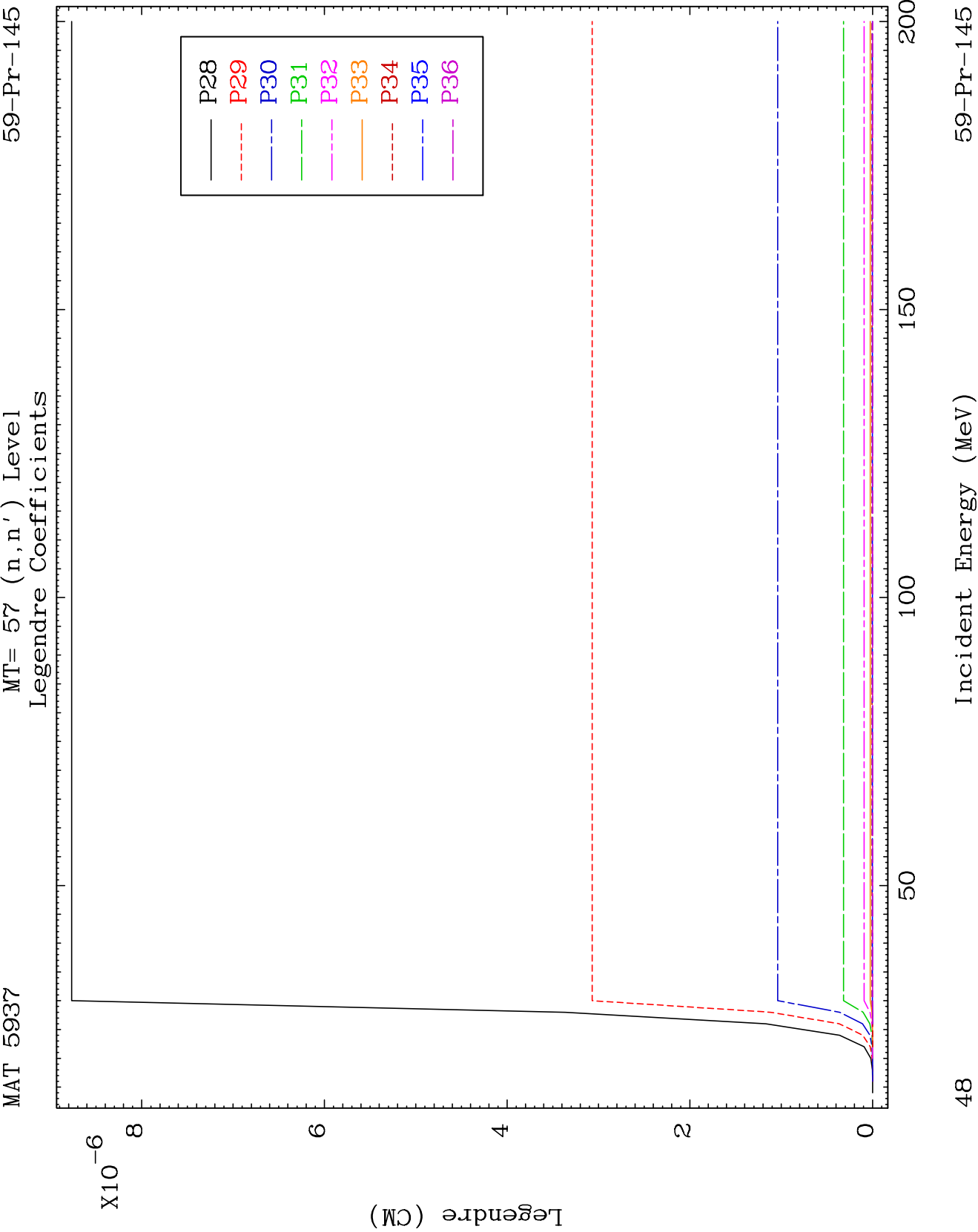
MT= 57 (n, n') Level
Legendre Coefficients

59-Pr-145





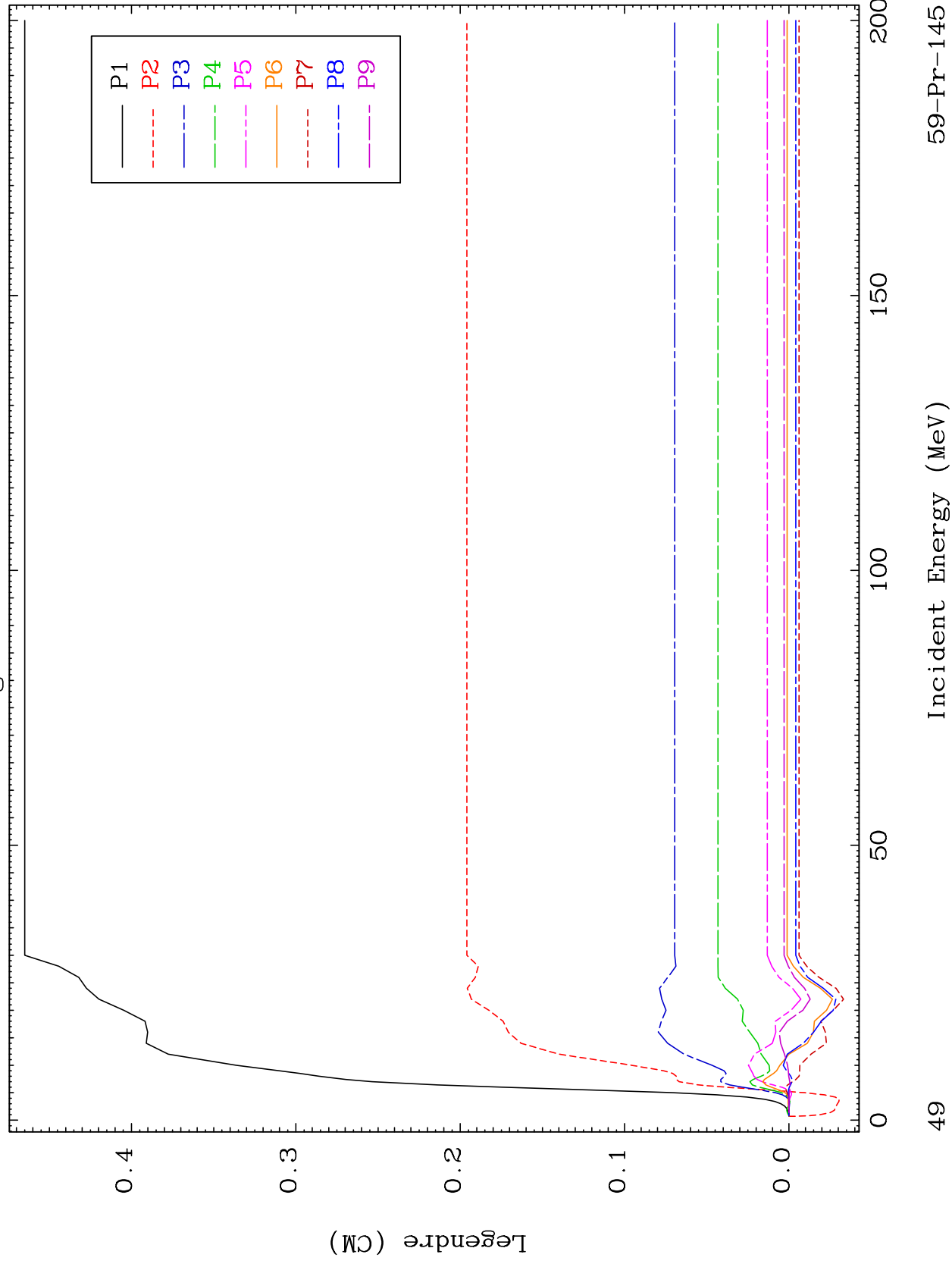




MAT 5937

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

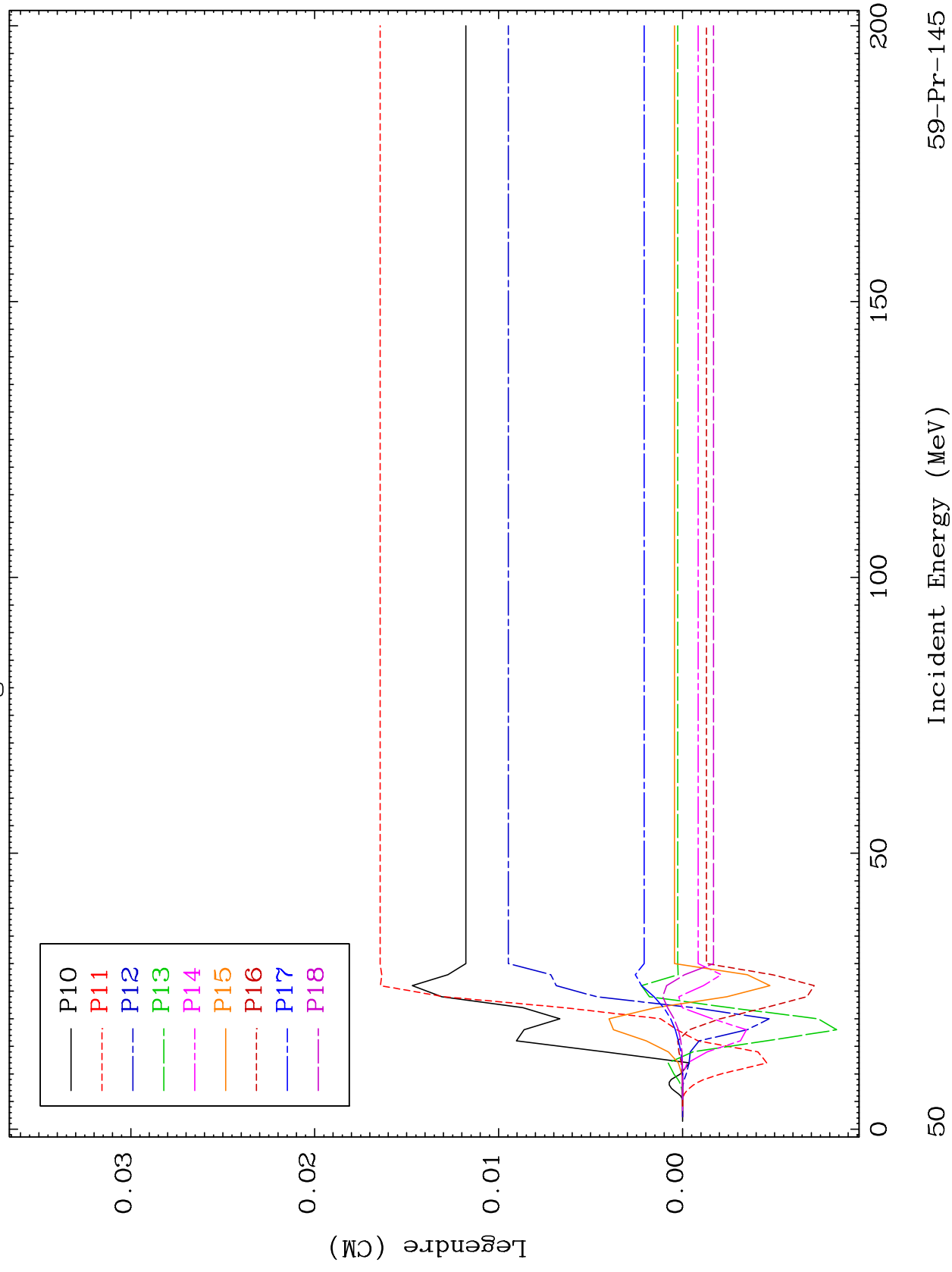
59-Pr-145

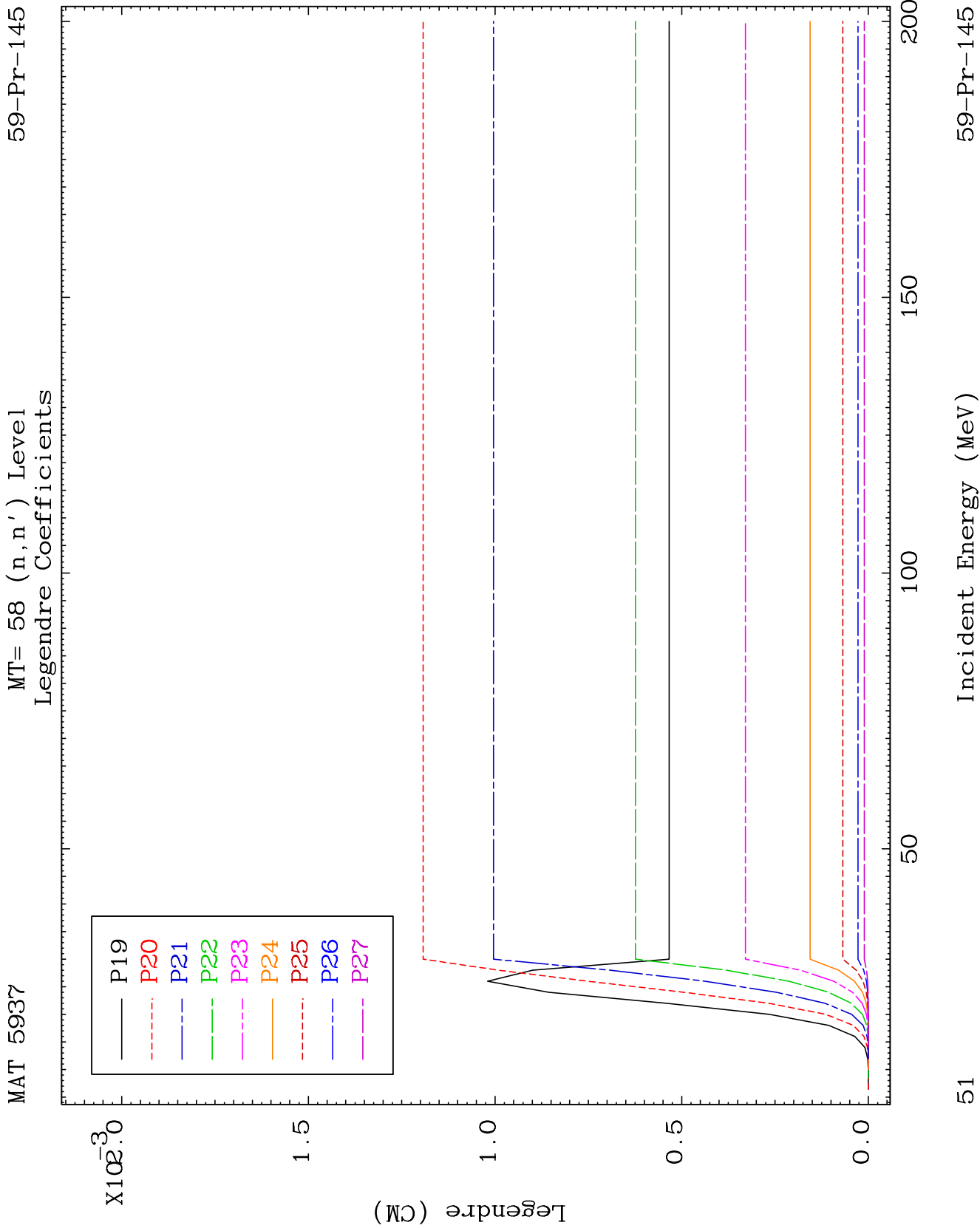


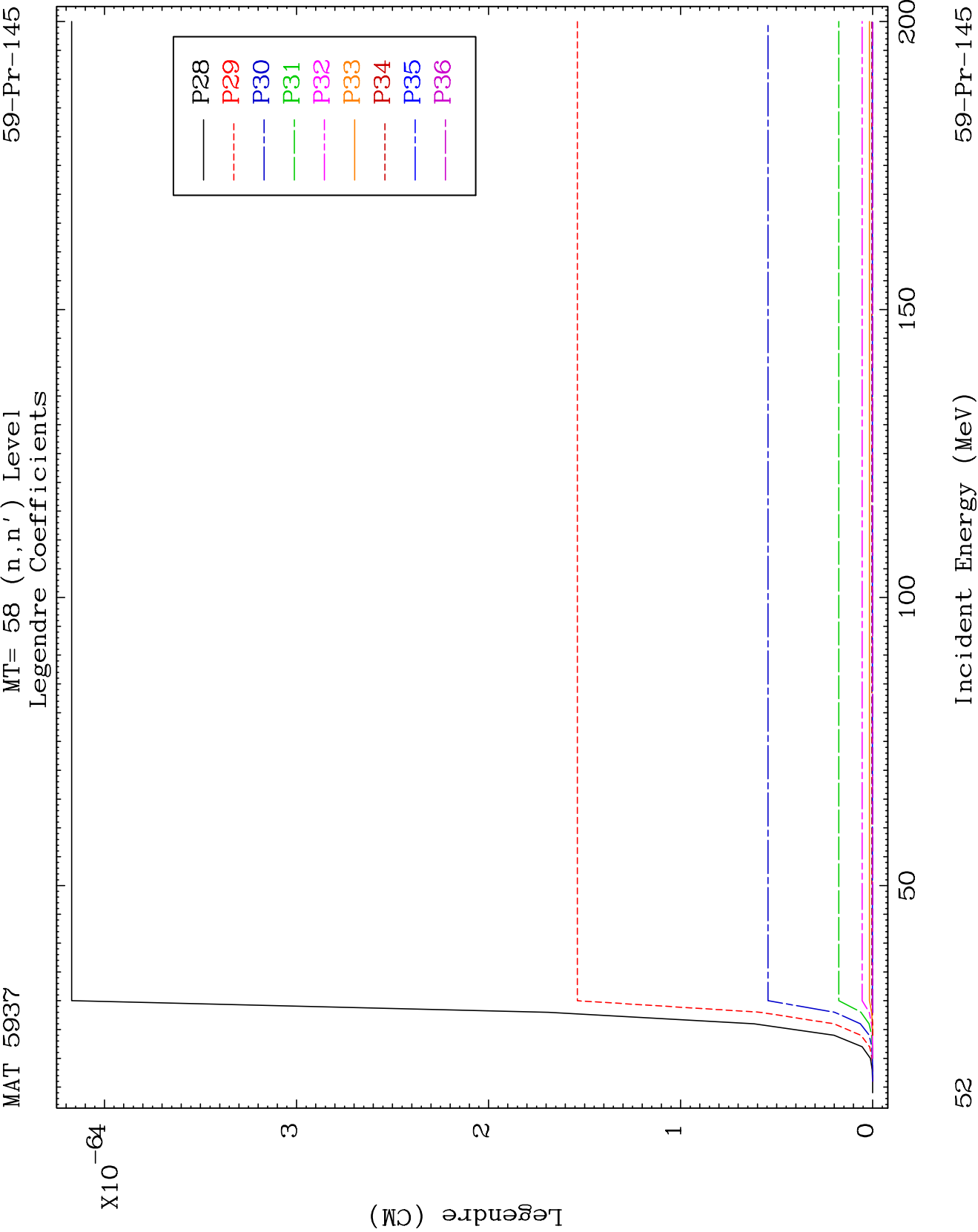
MAT 5937

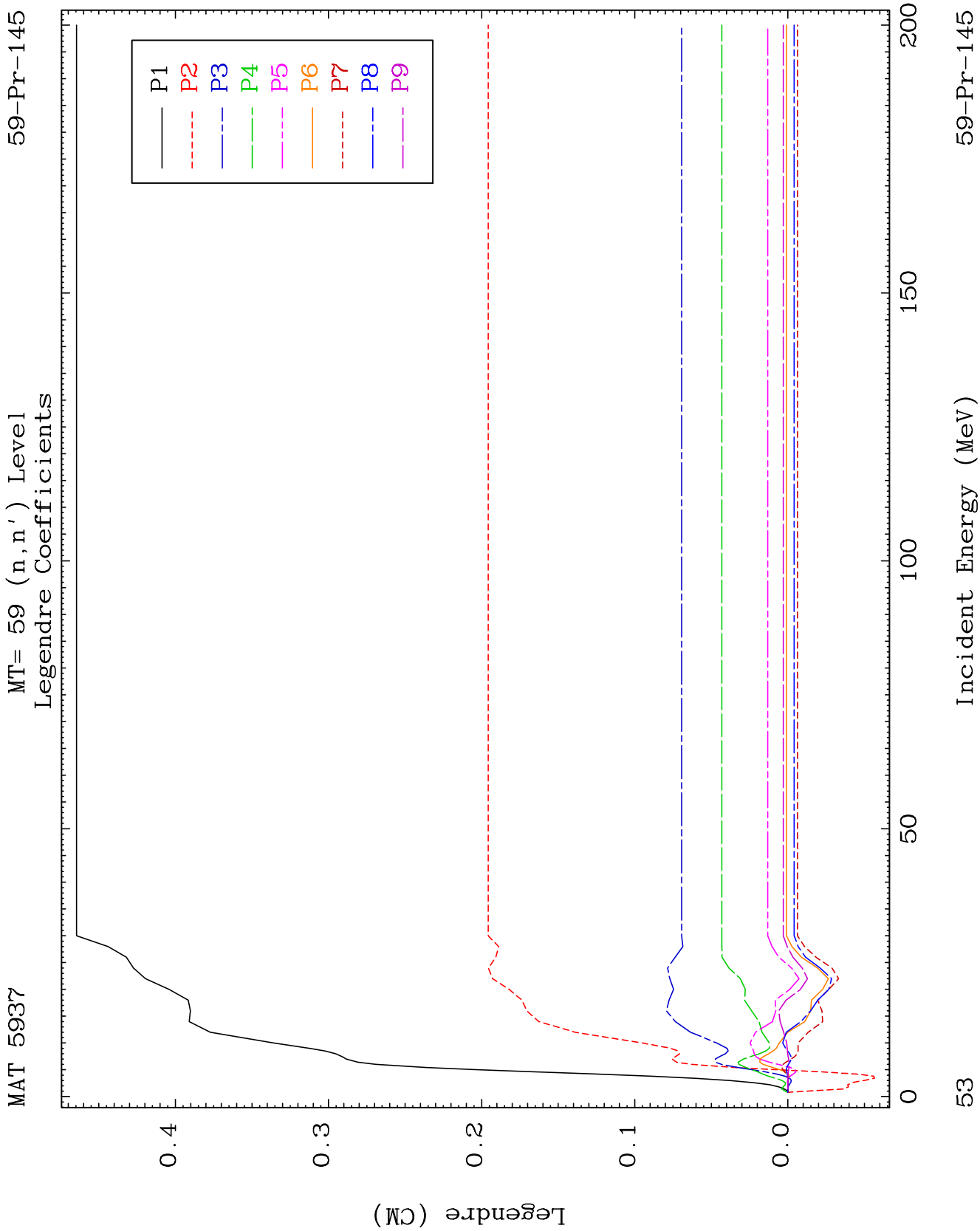
MT= 58 (n, n') Level
Legendre Coefficients

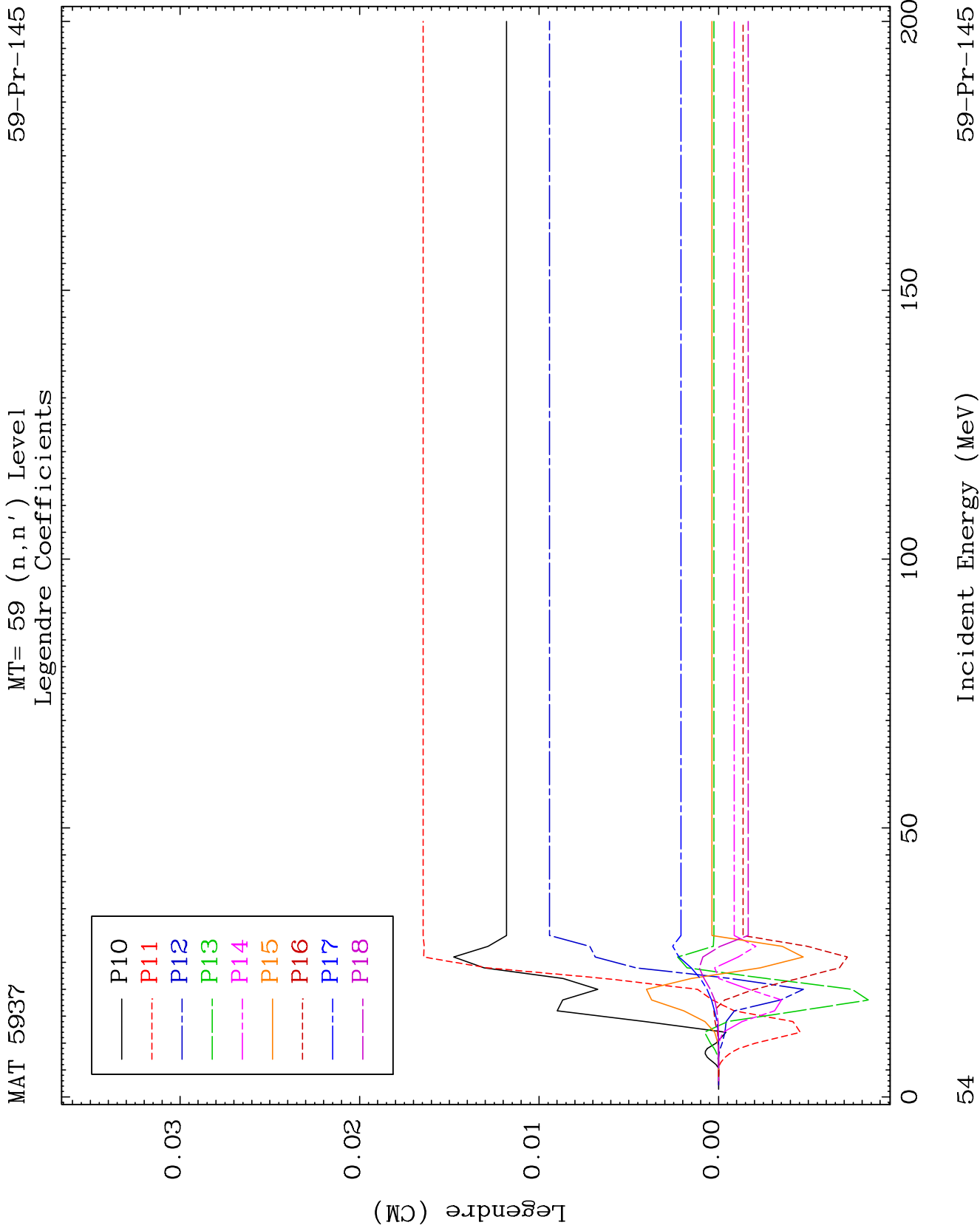
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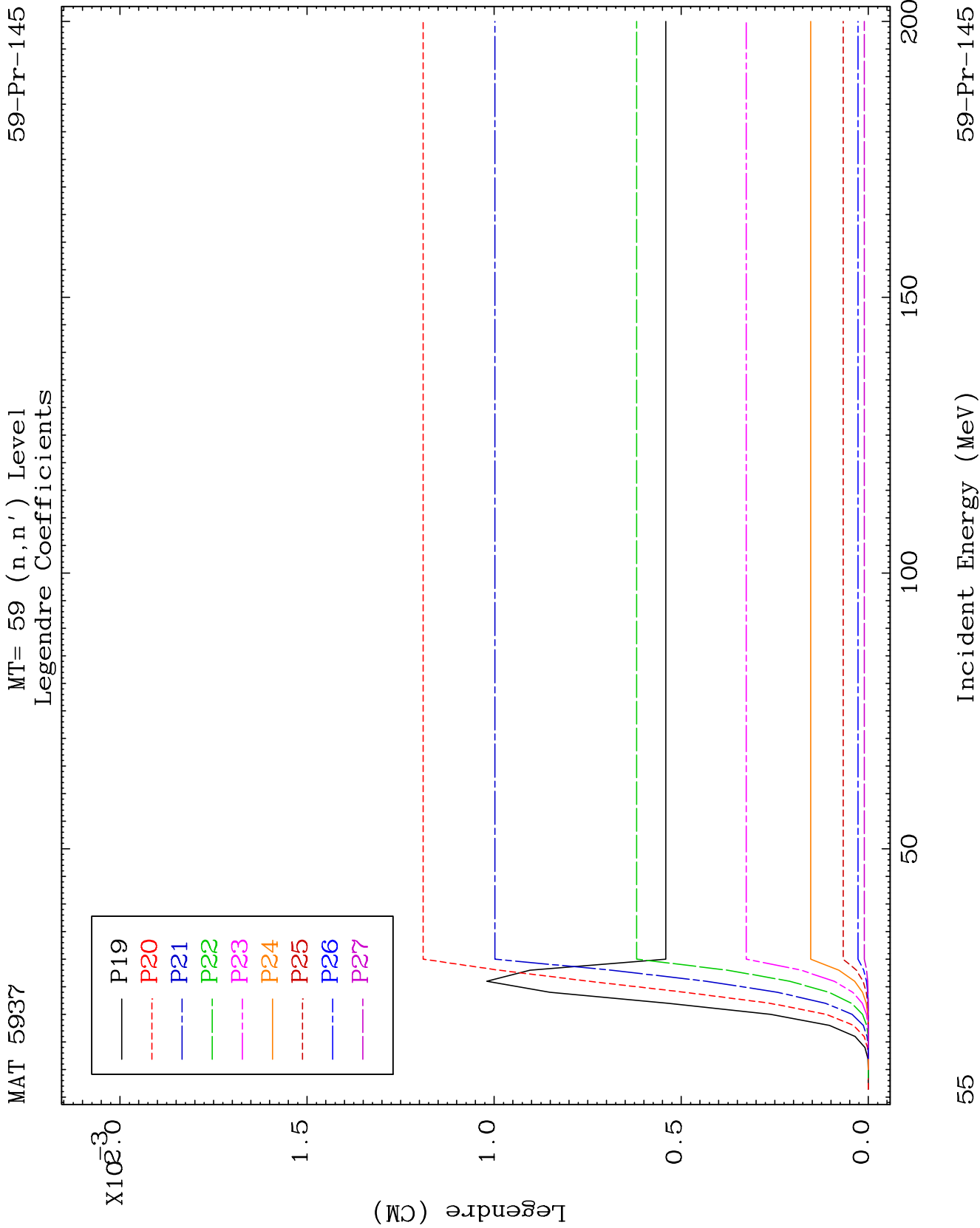


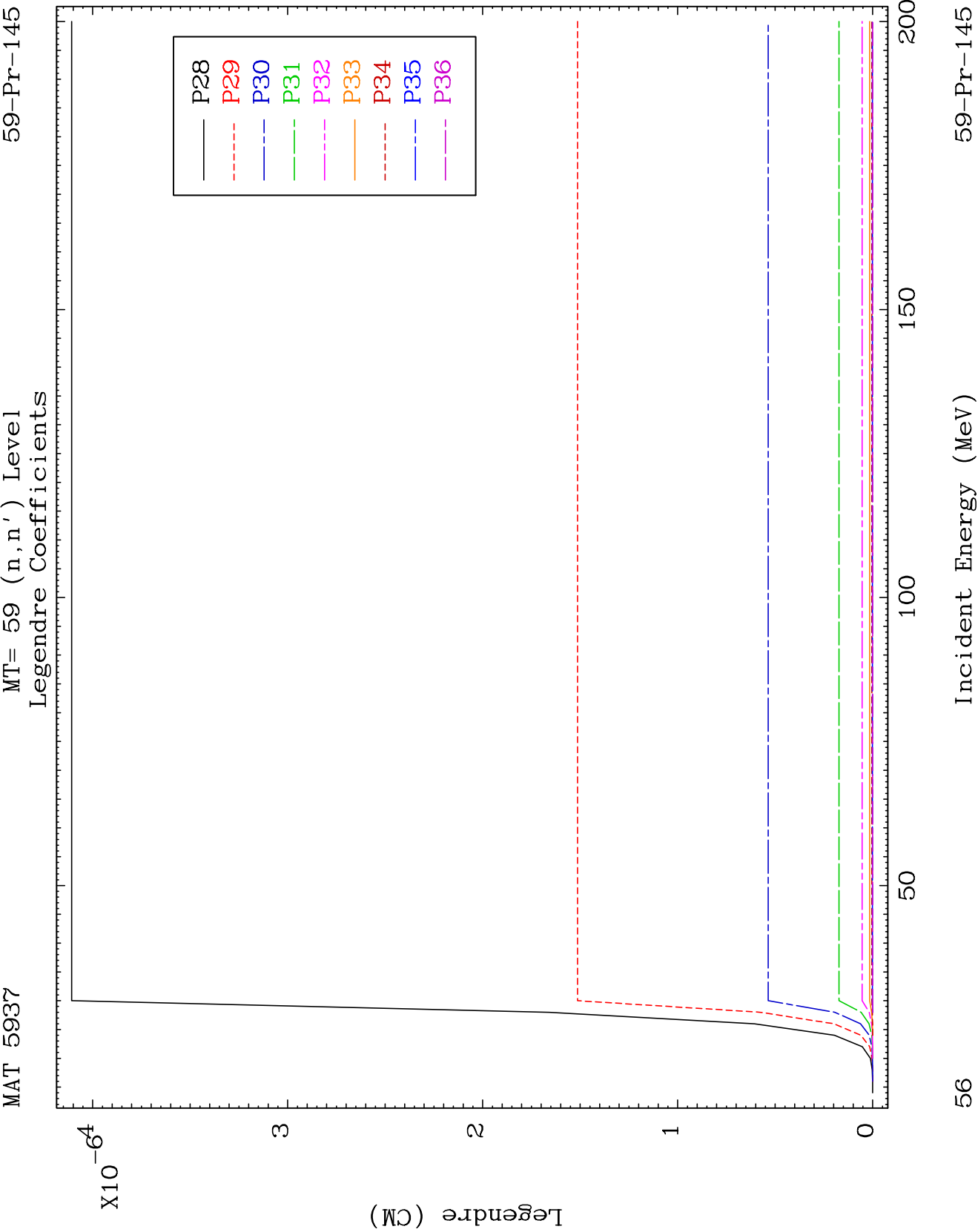








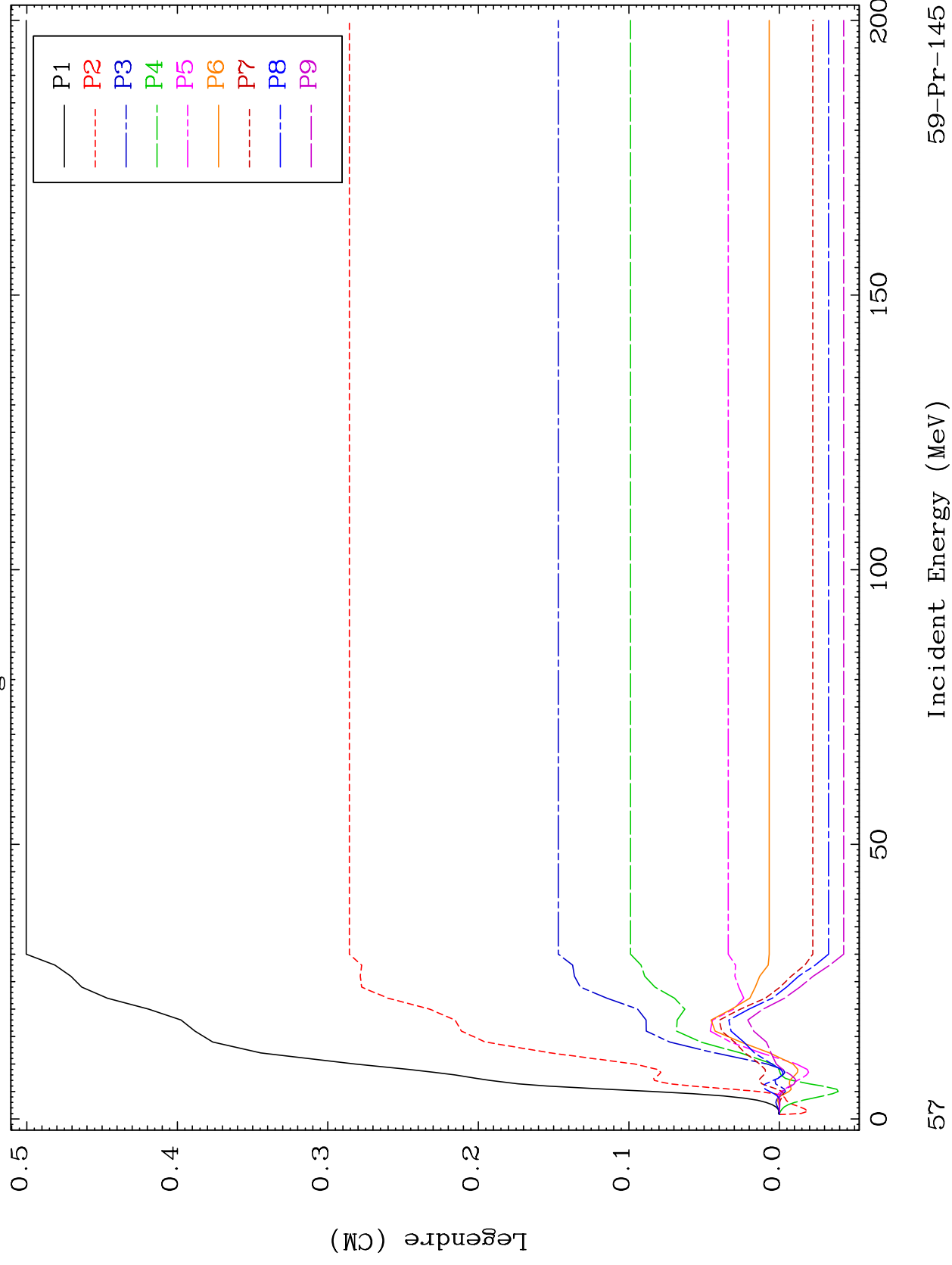


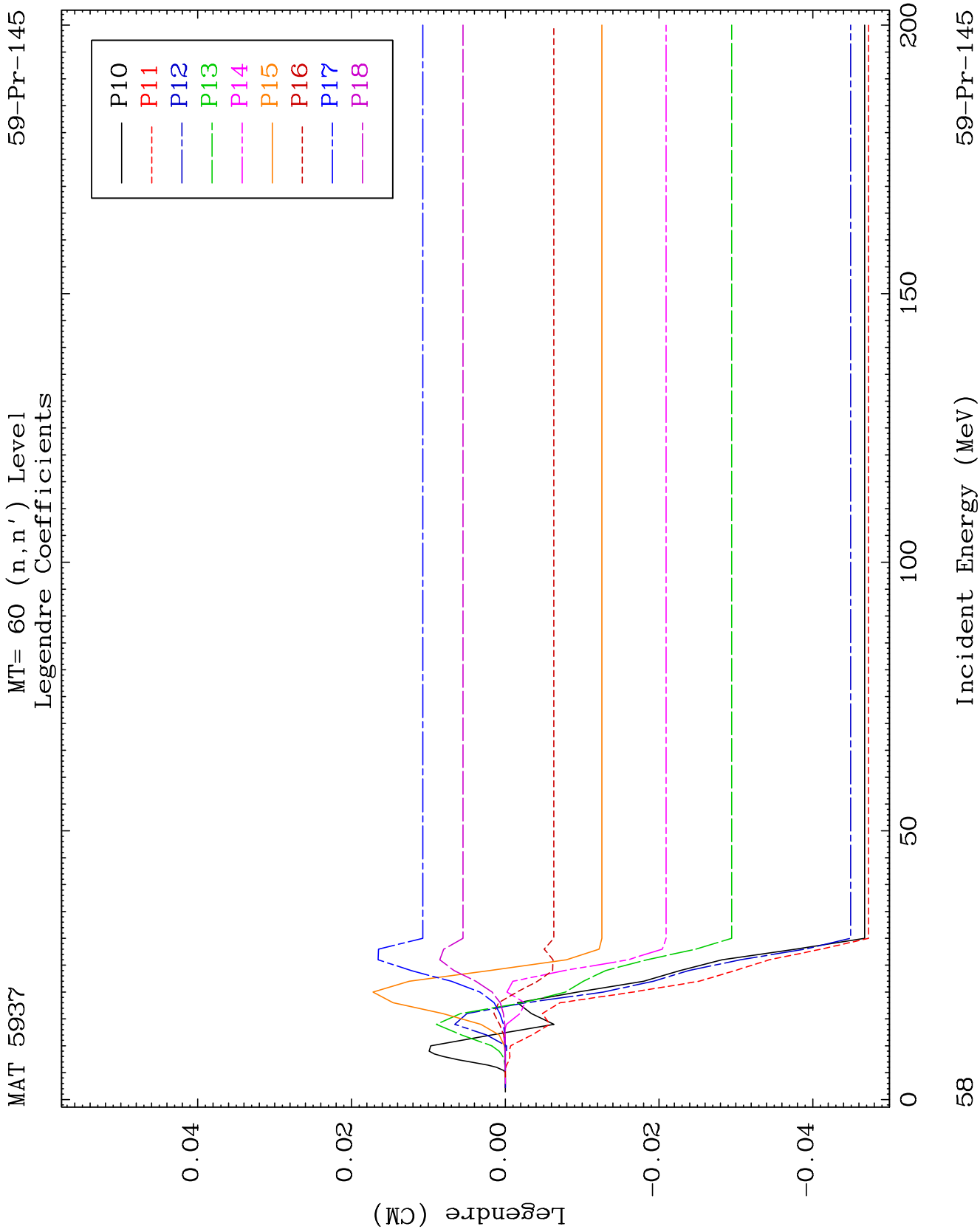


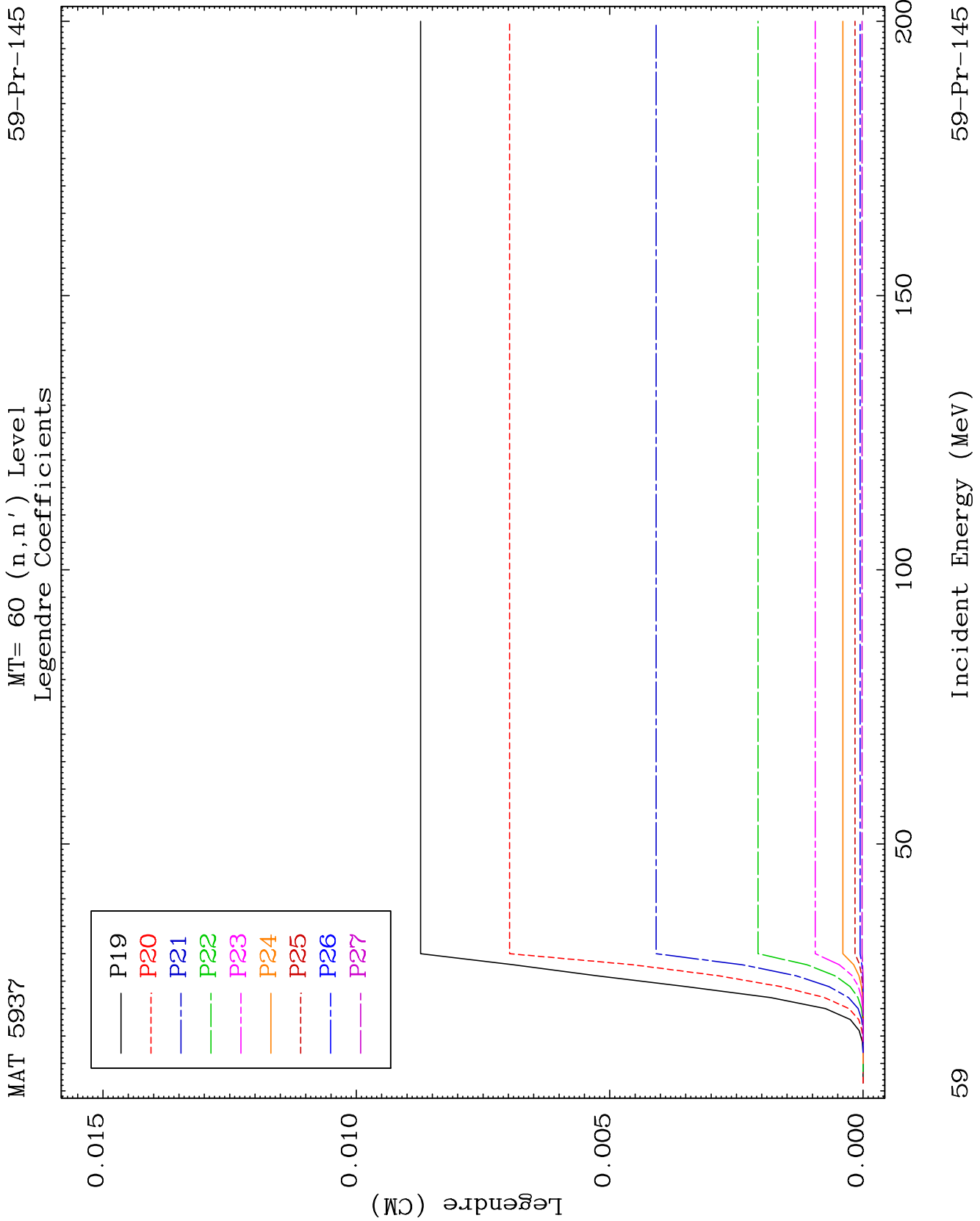
MAT 5937

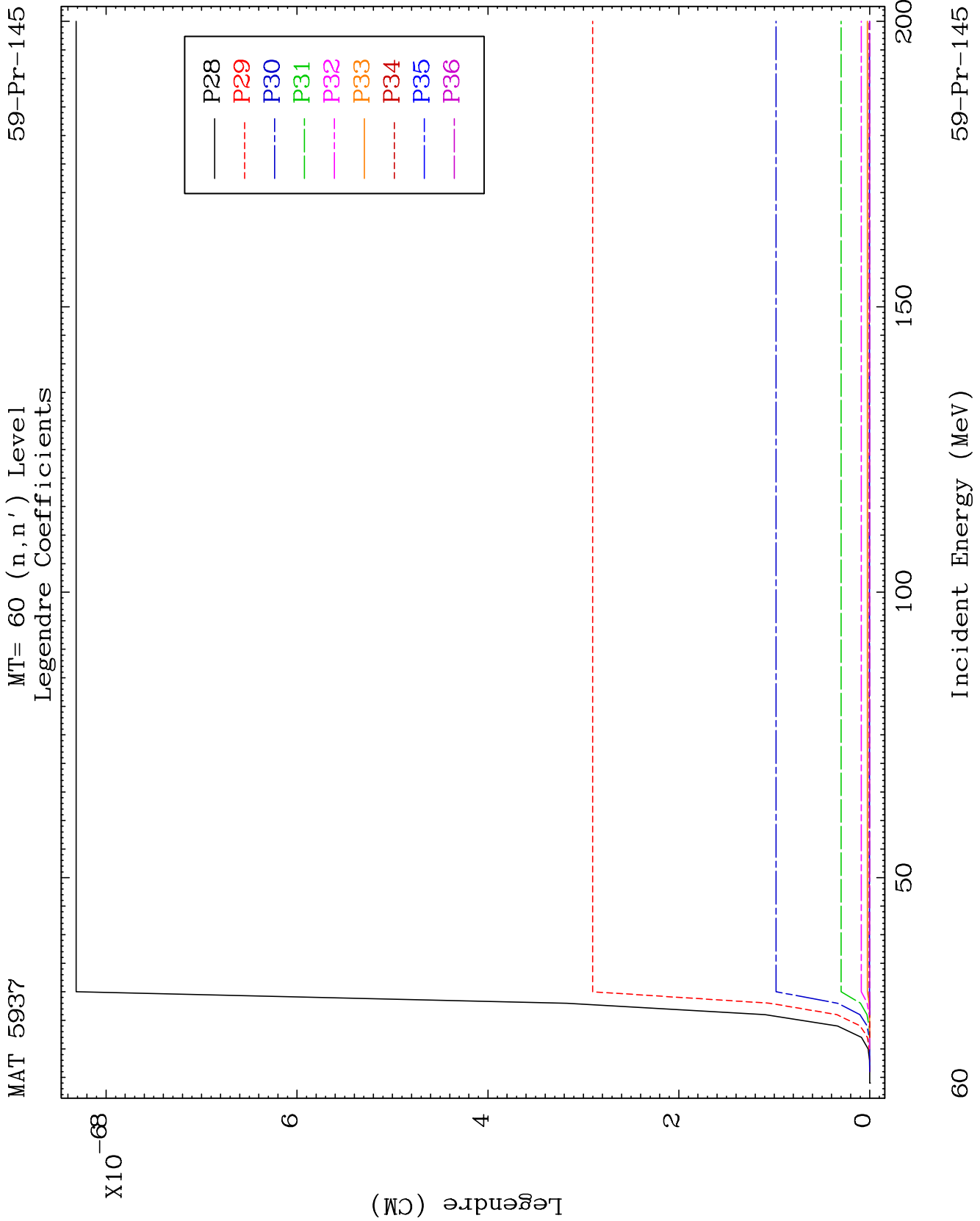
MT= 60 (n, n') Level
Legendre Coefficients

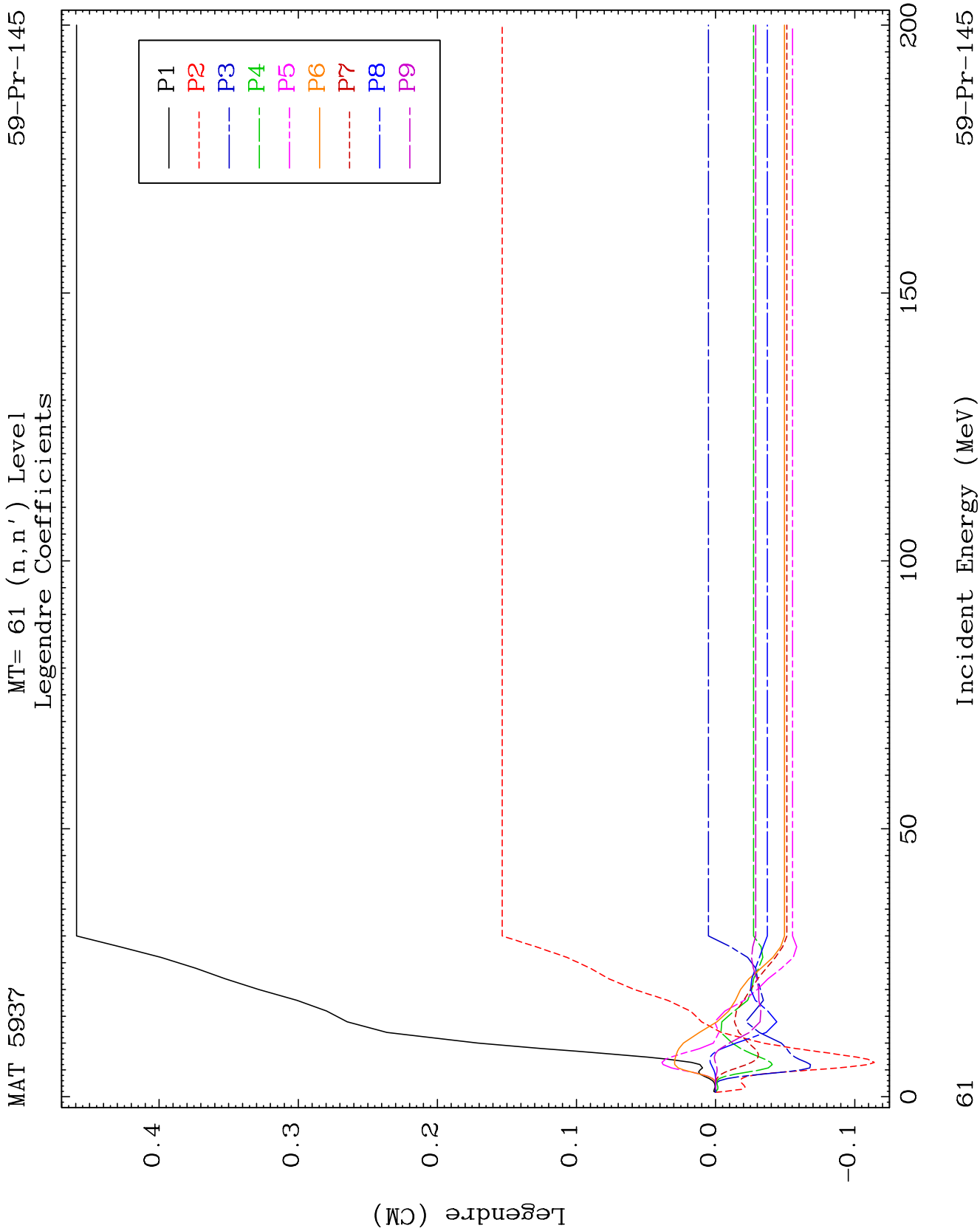
59-Pr-145







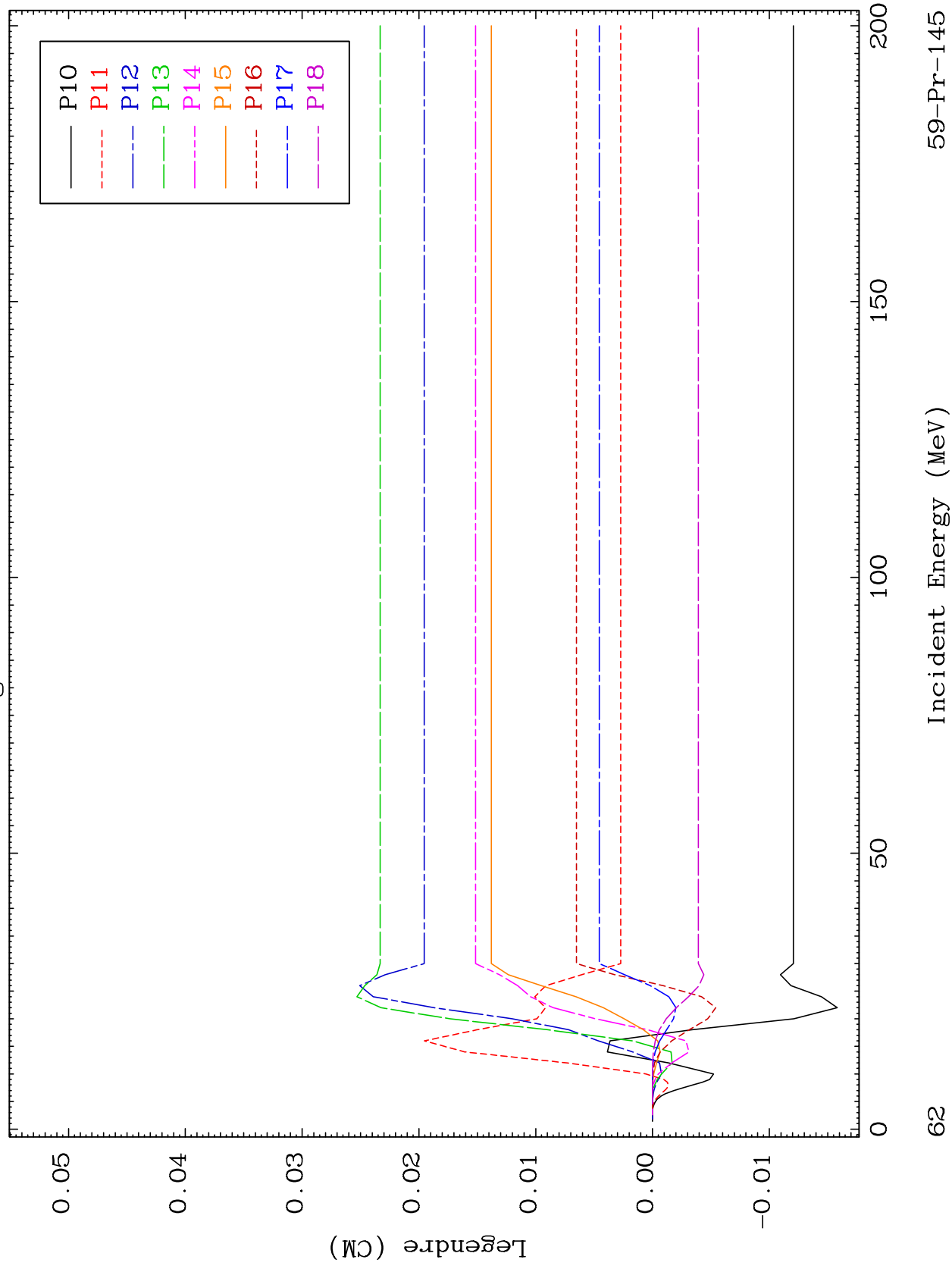


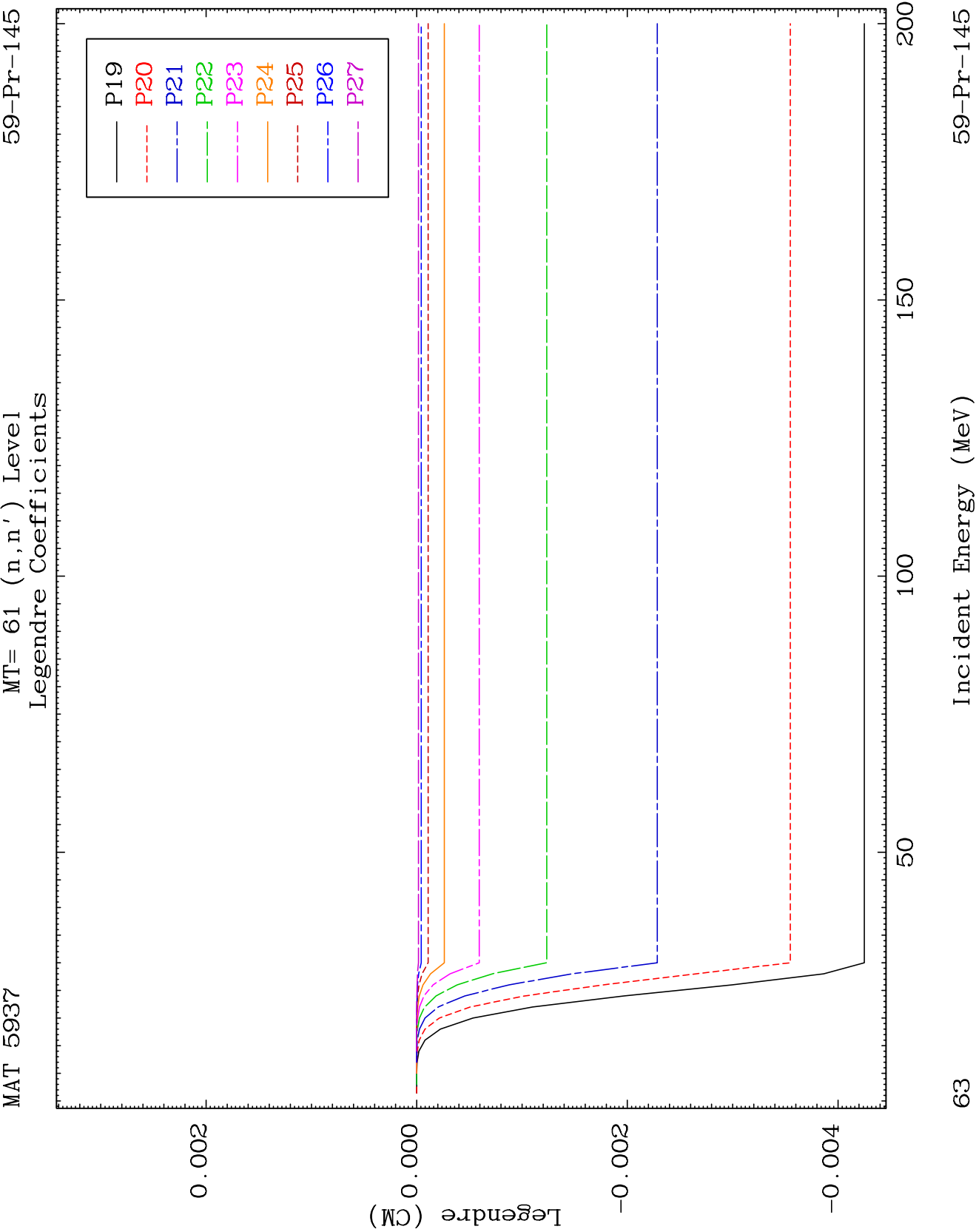


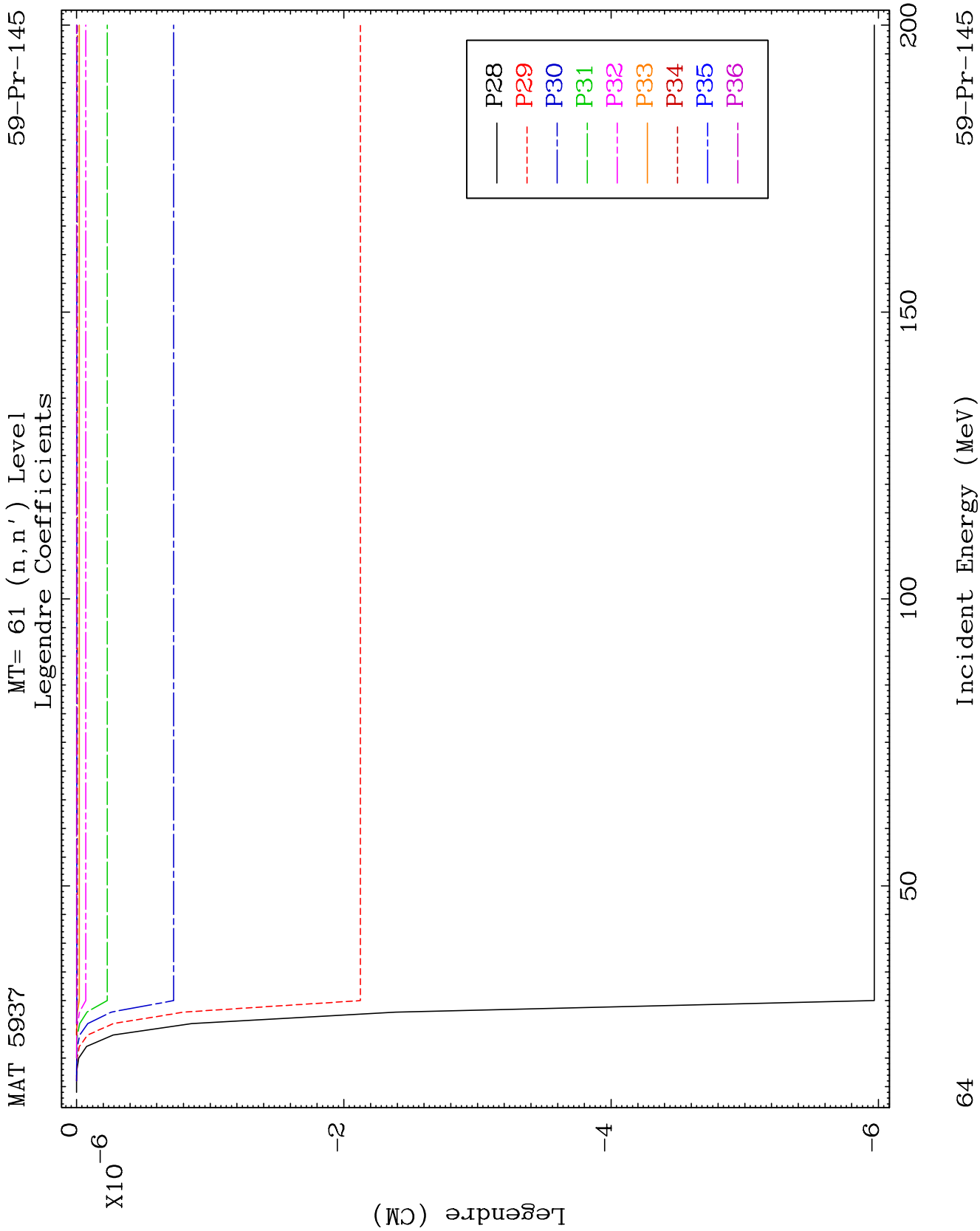
MAT 5937

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

59-Pr-145



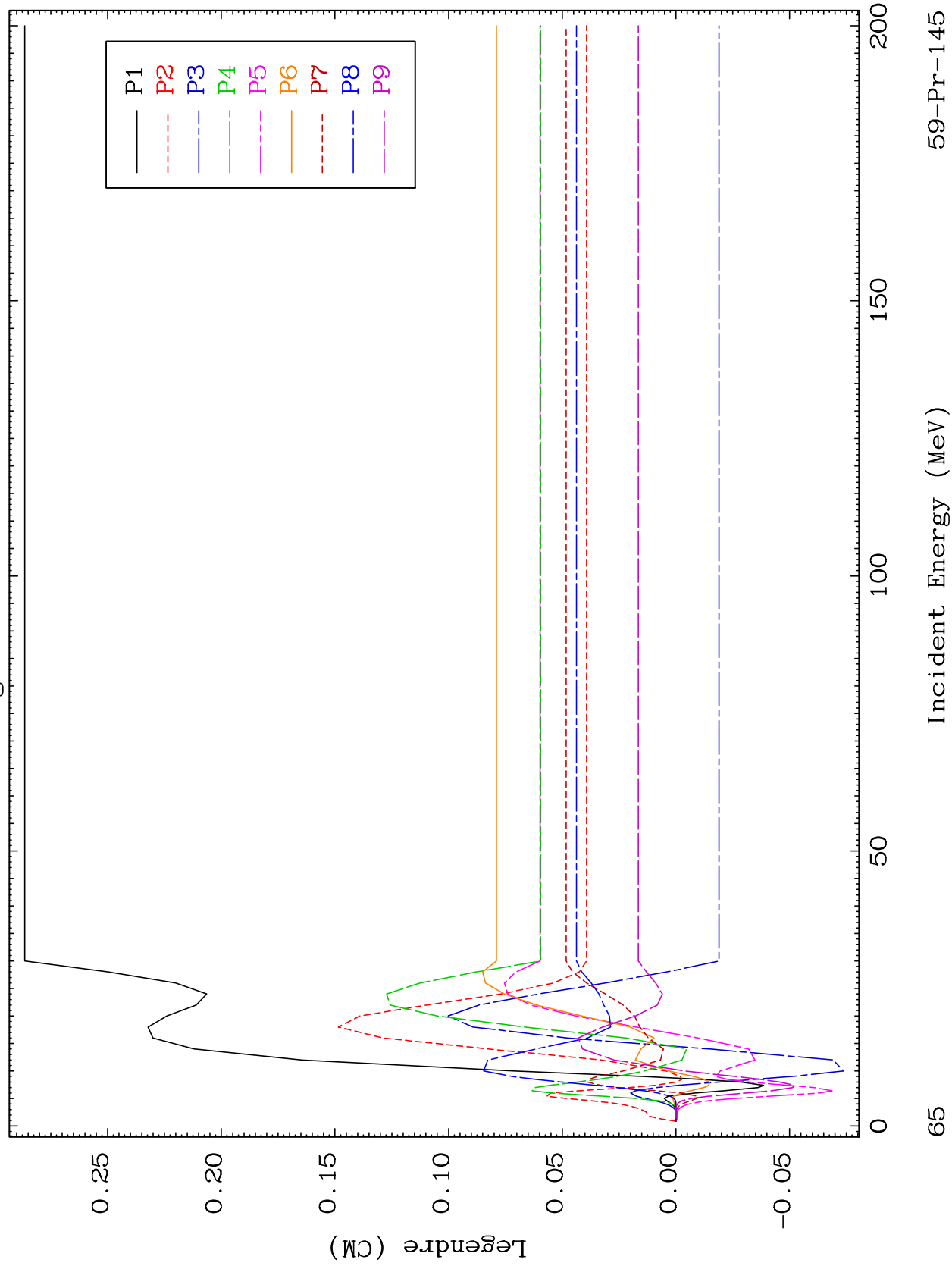


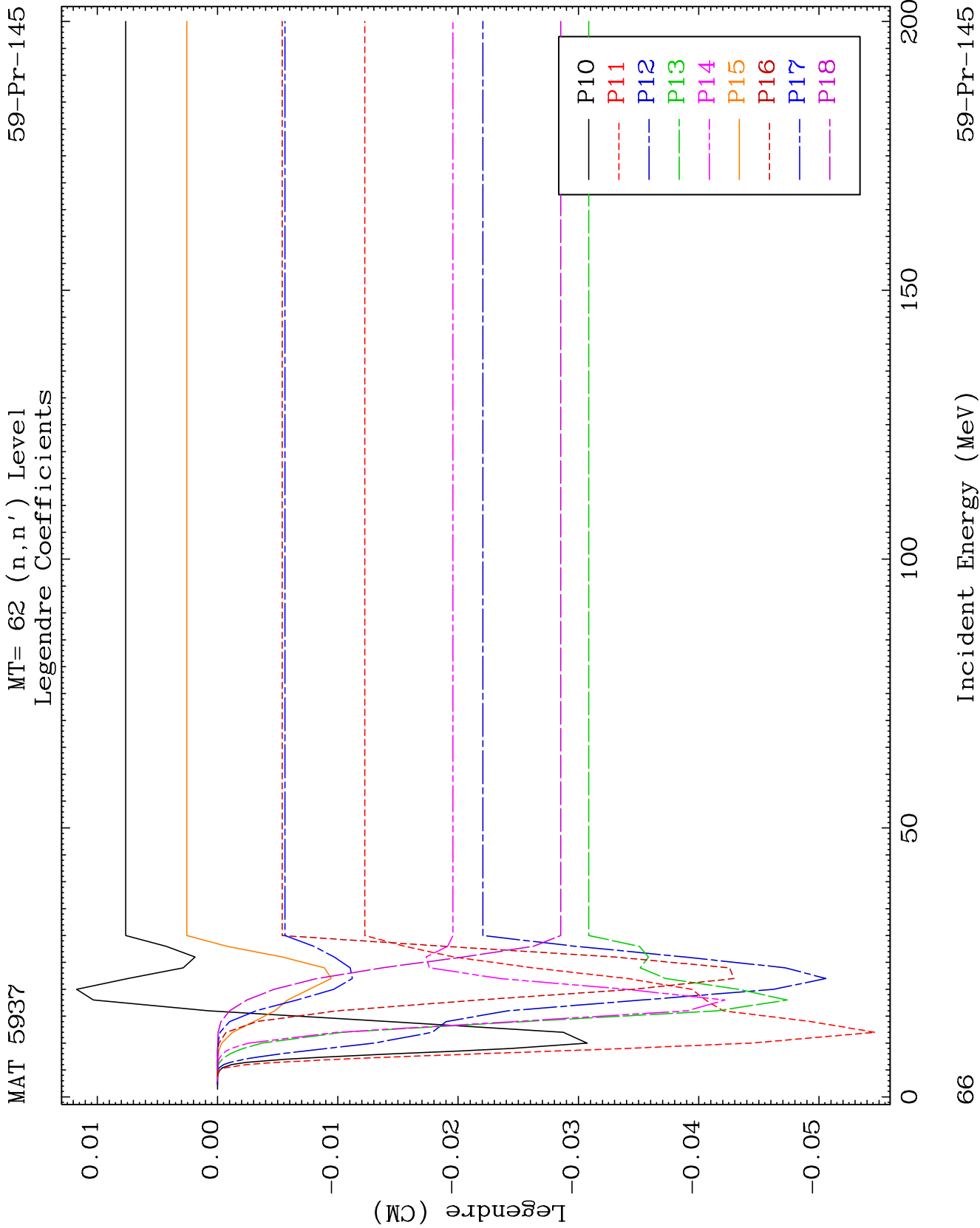


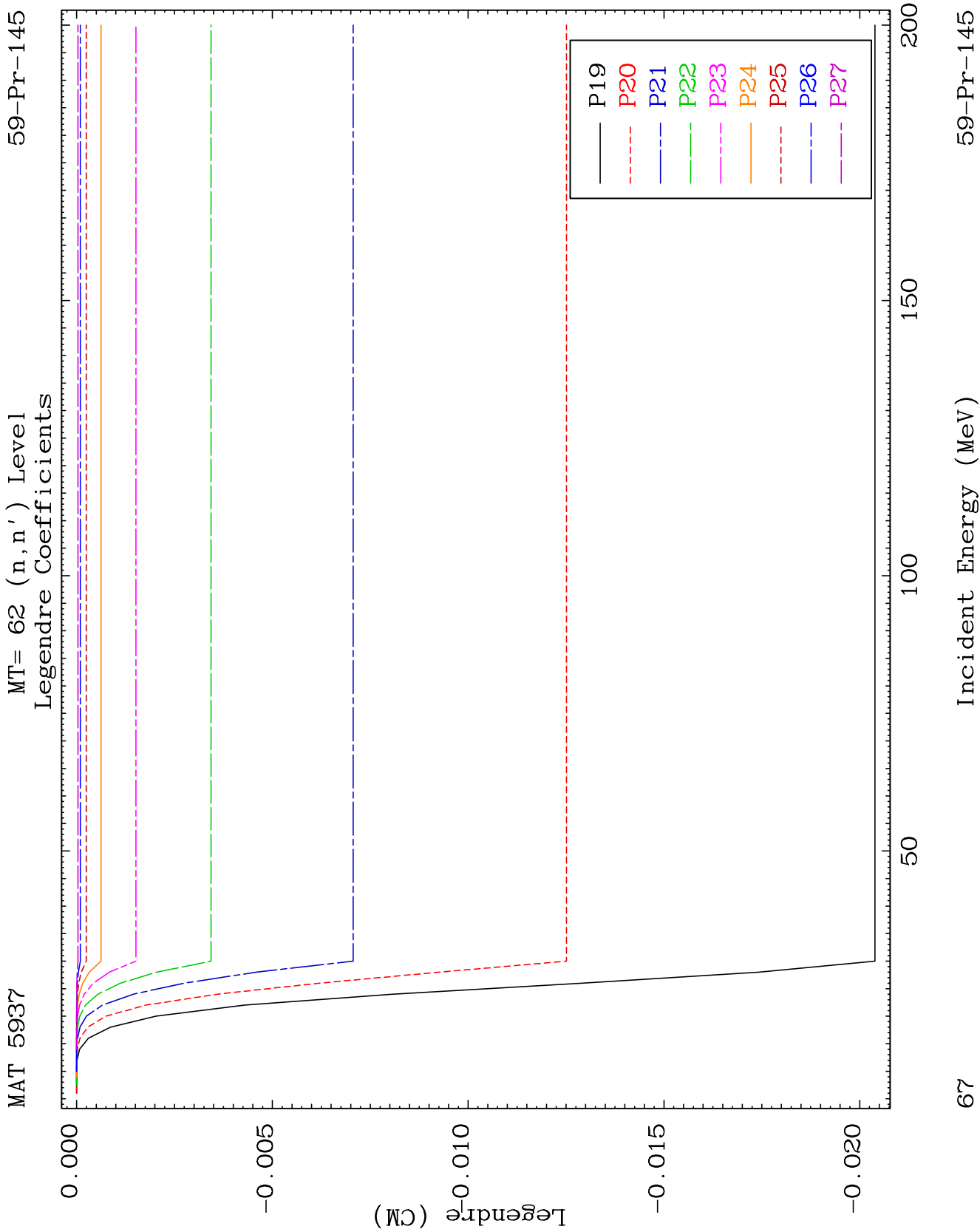
MAT 5937

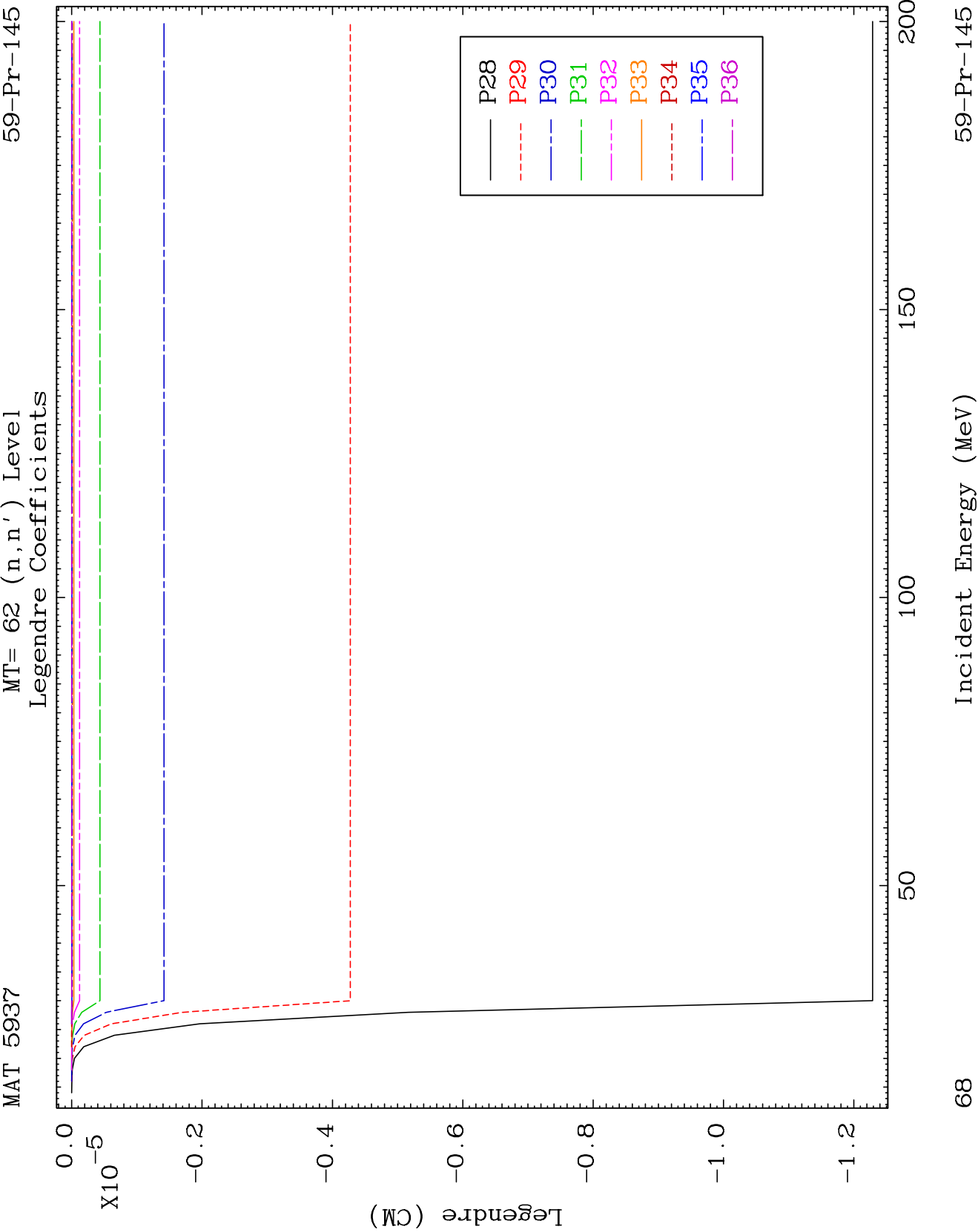
MT= 62 (n, n') Level
Legendre Coefficients

59-Pr-145





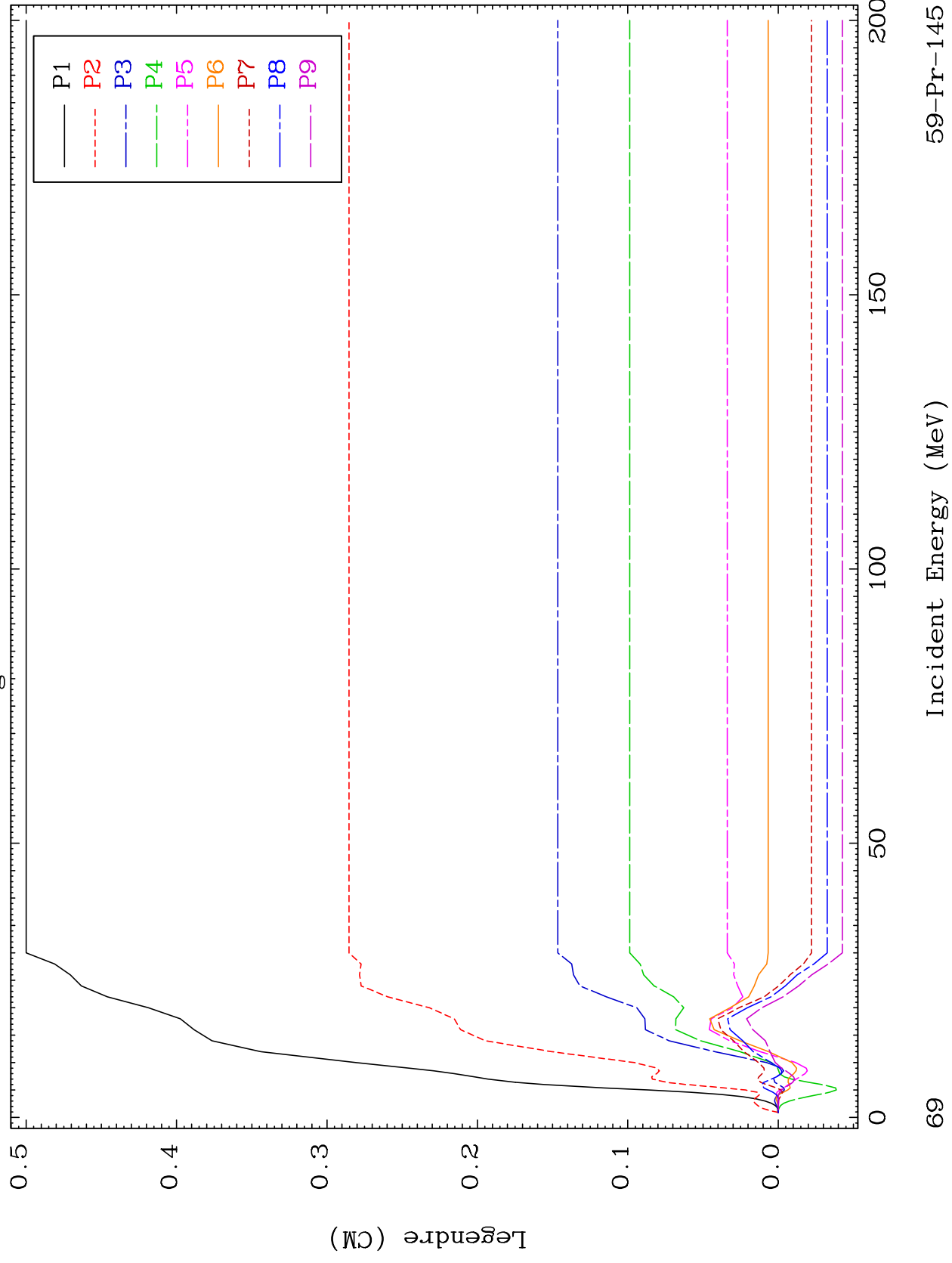


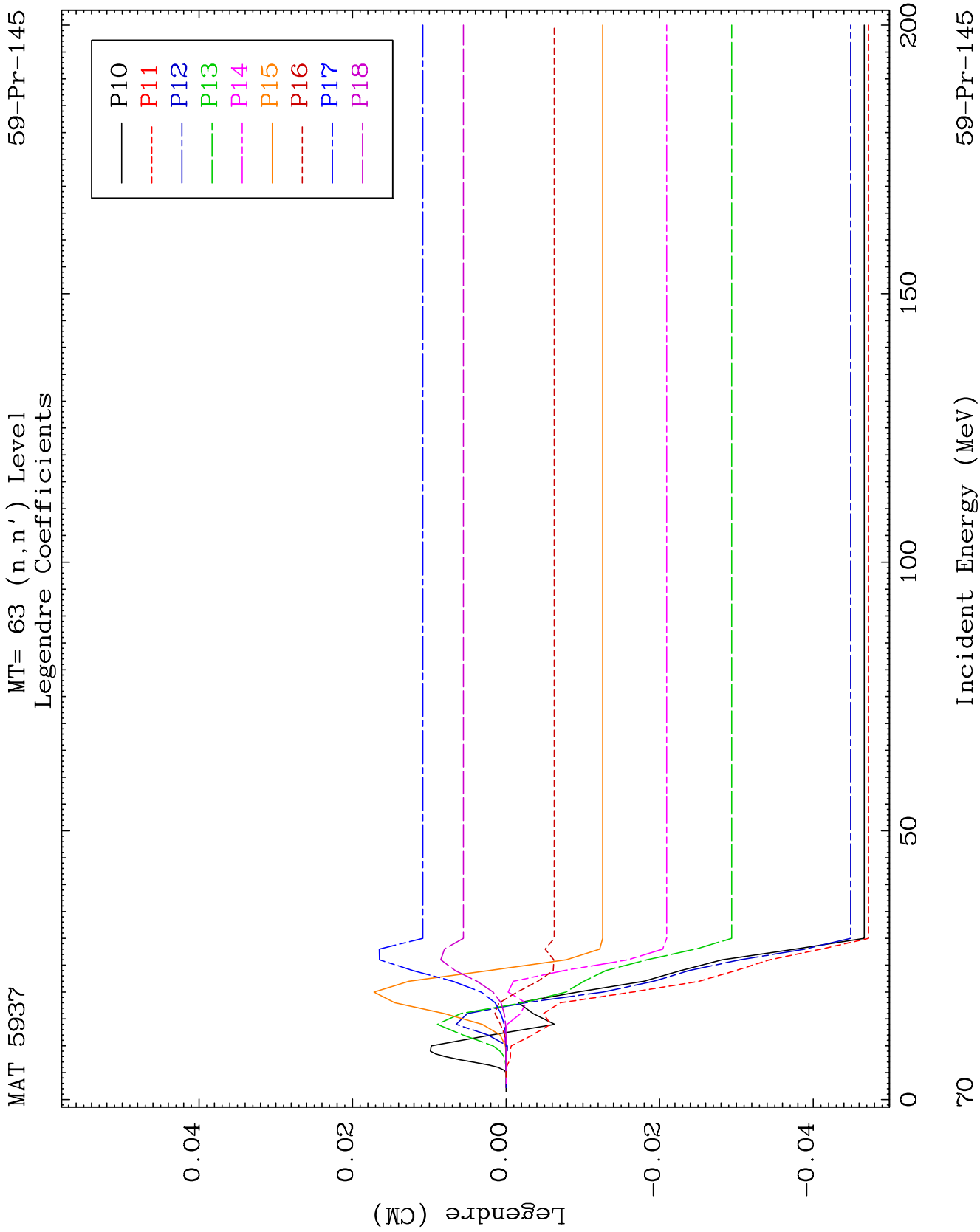


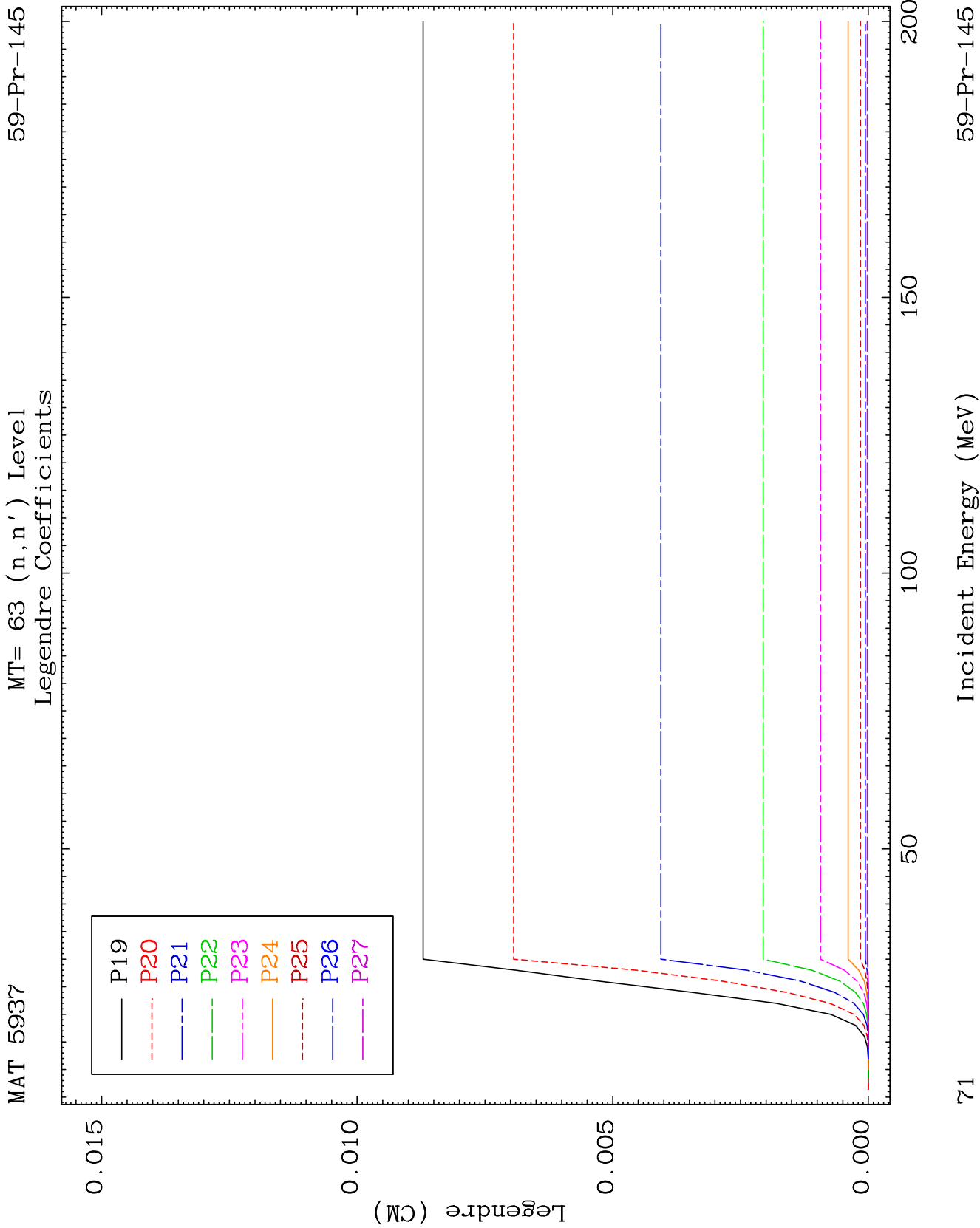
MAT 5937

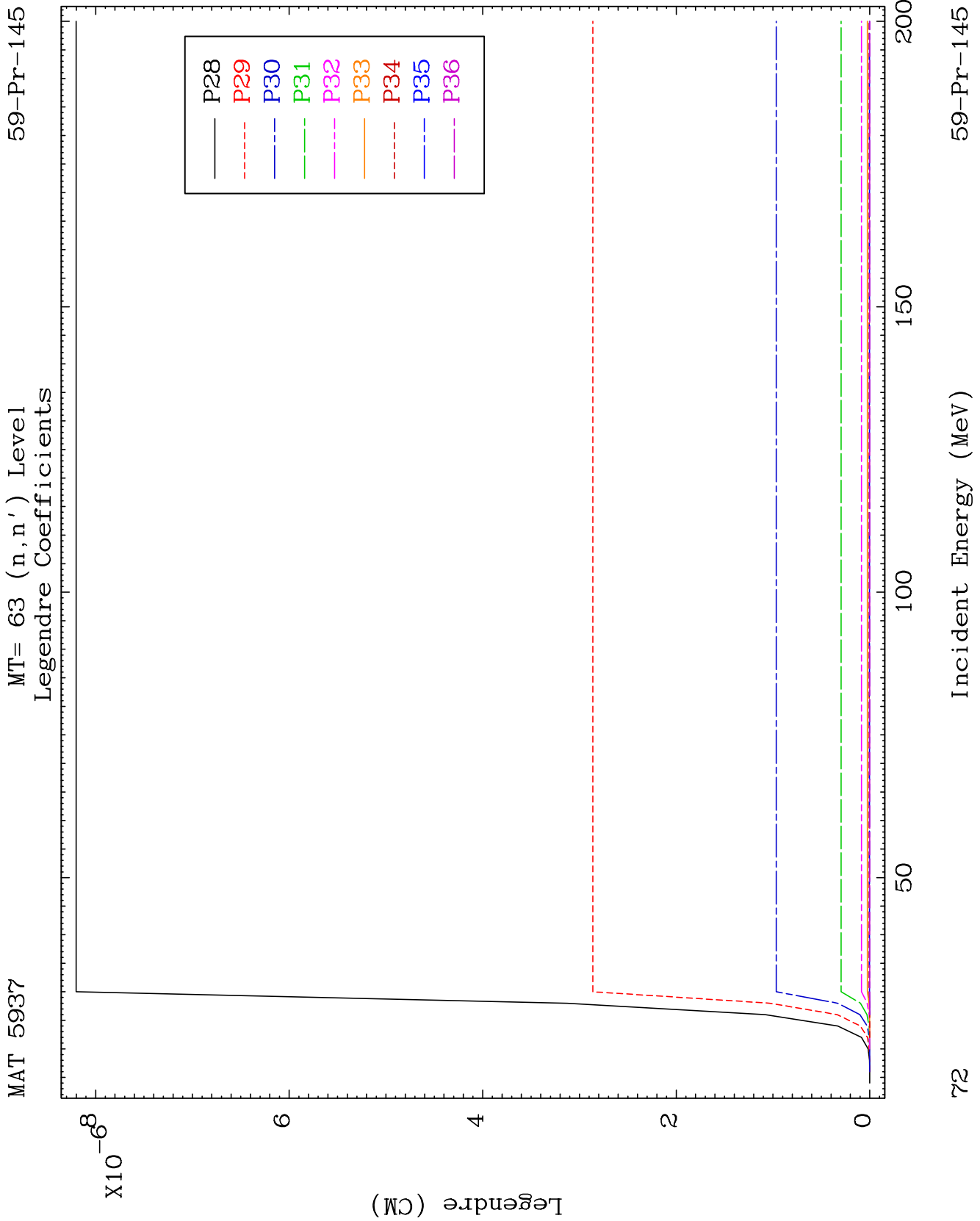
MT= 63 (n, n') Level
Legendre Coefficients

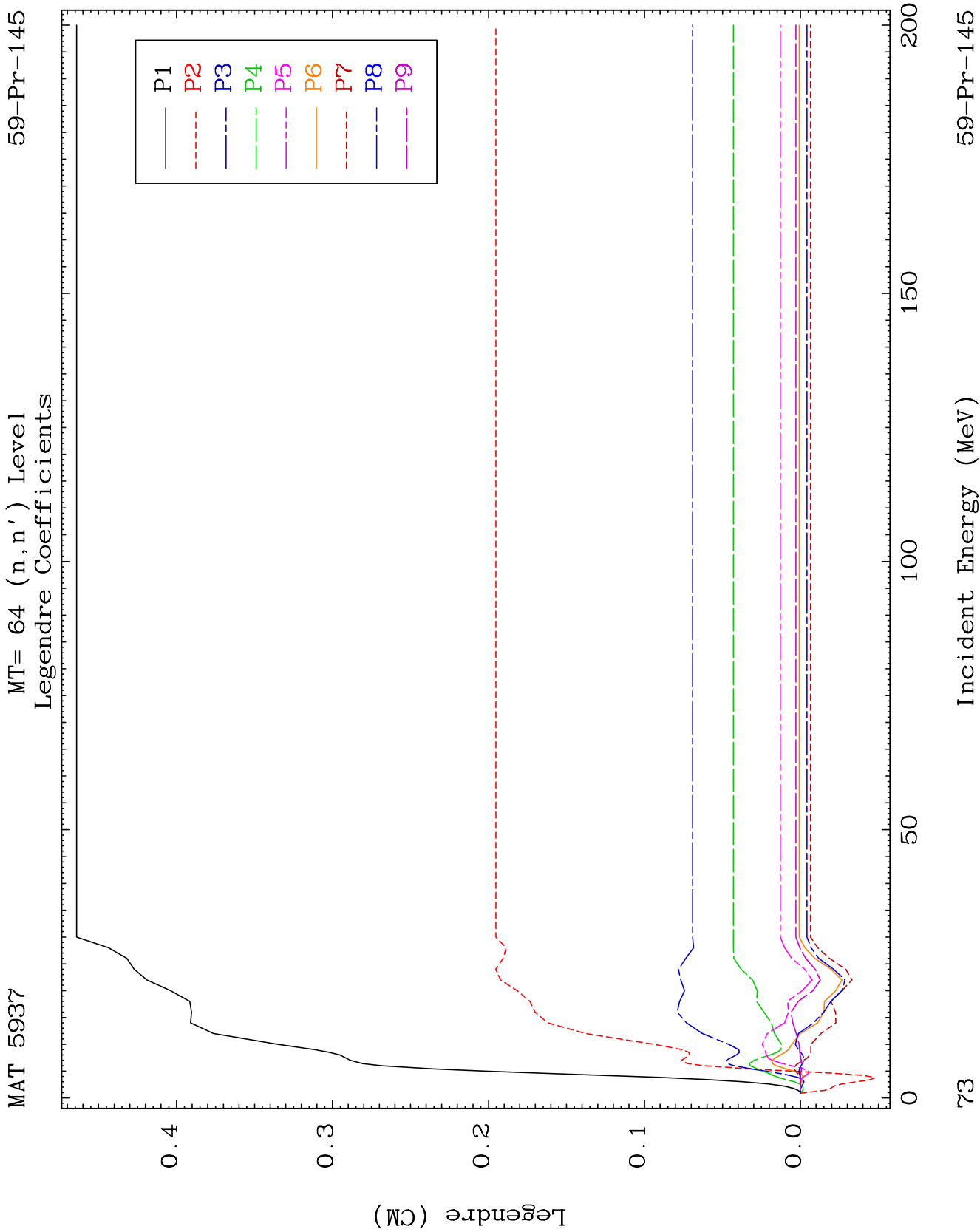
59-Pr-145

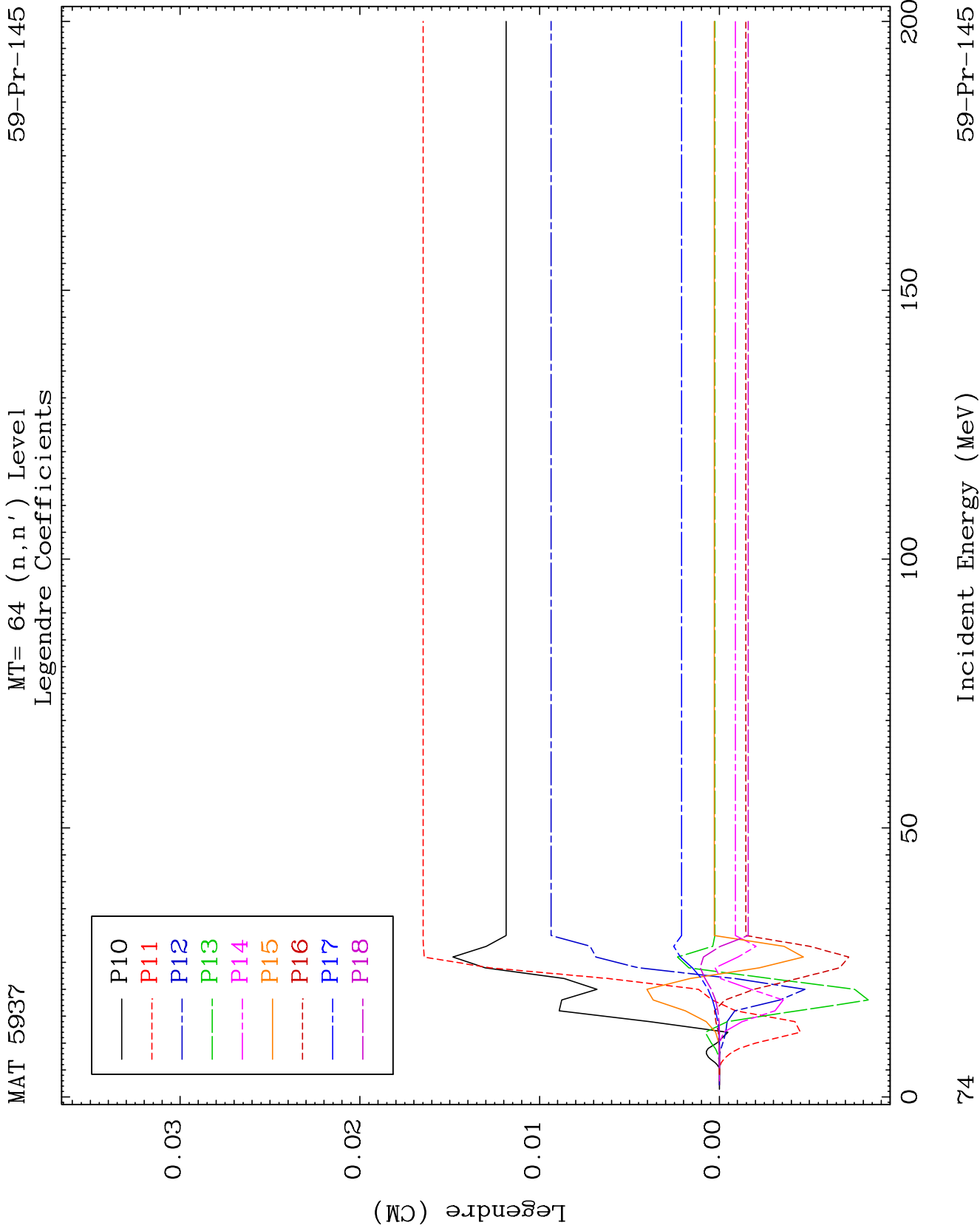








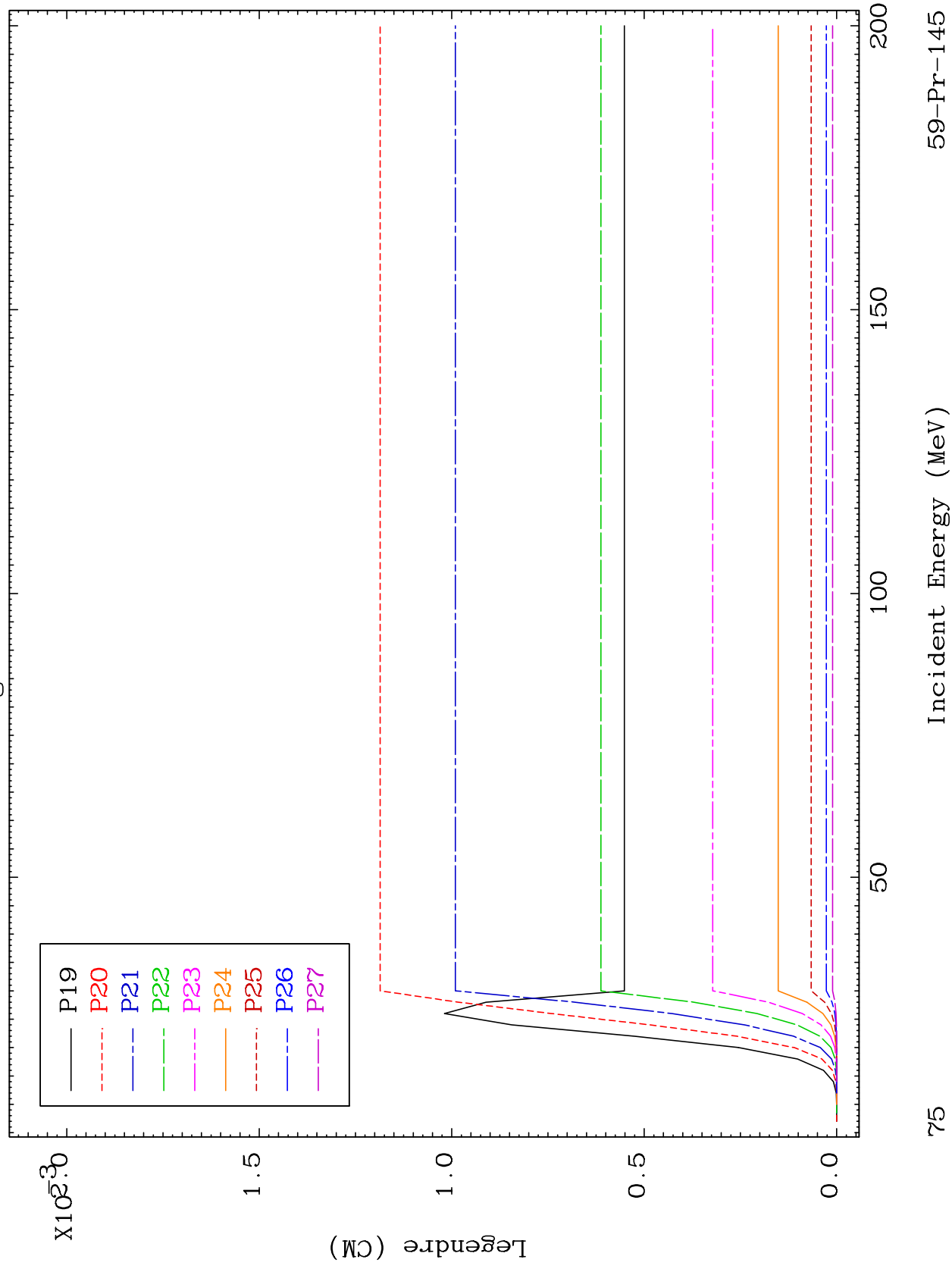


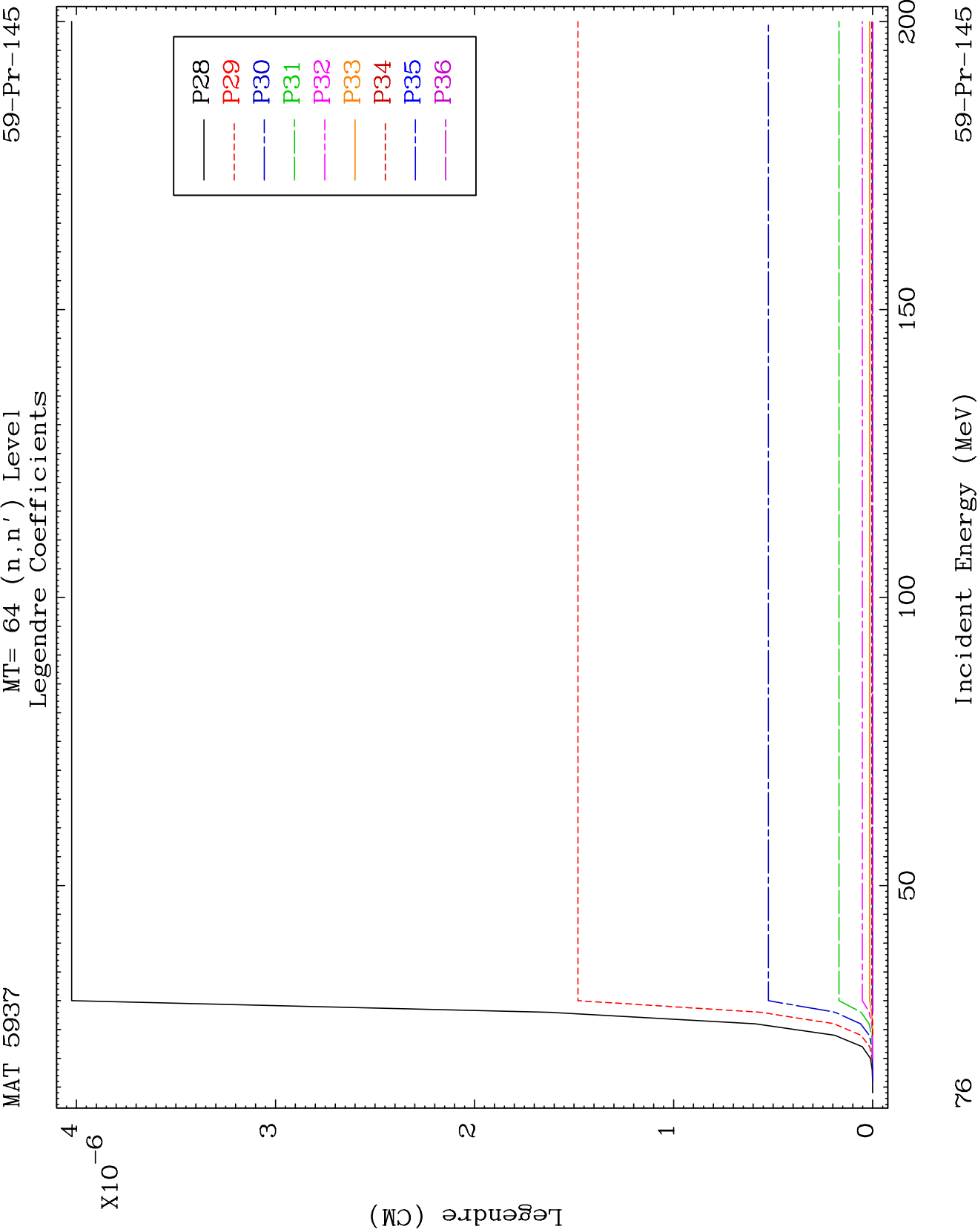


MAT 5937

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

59-Pr-145

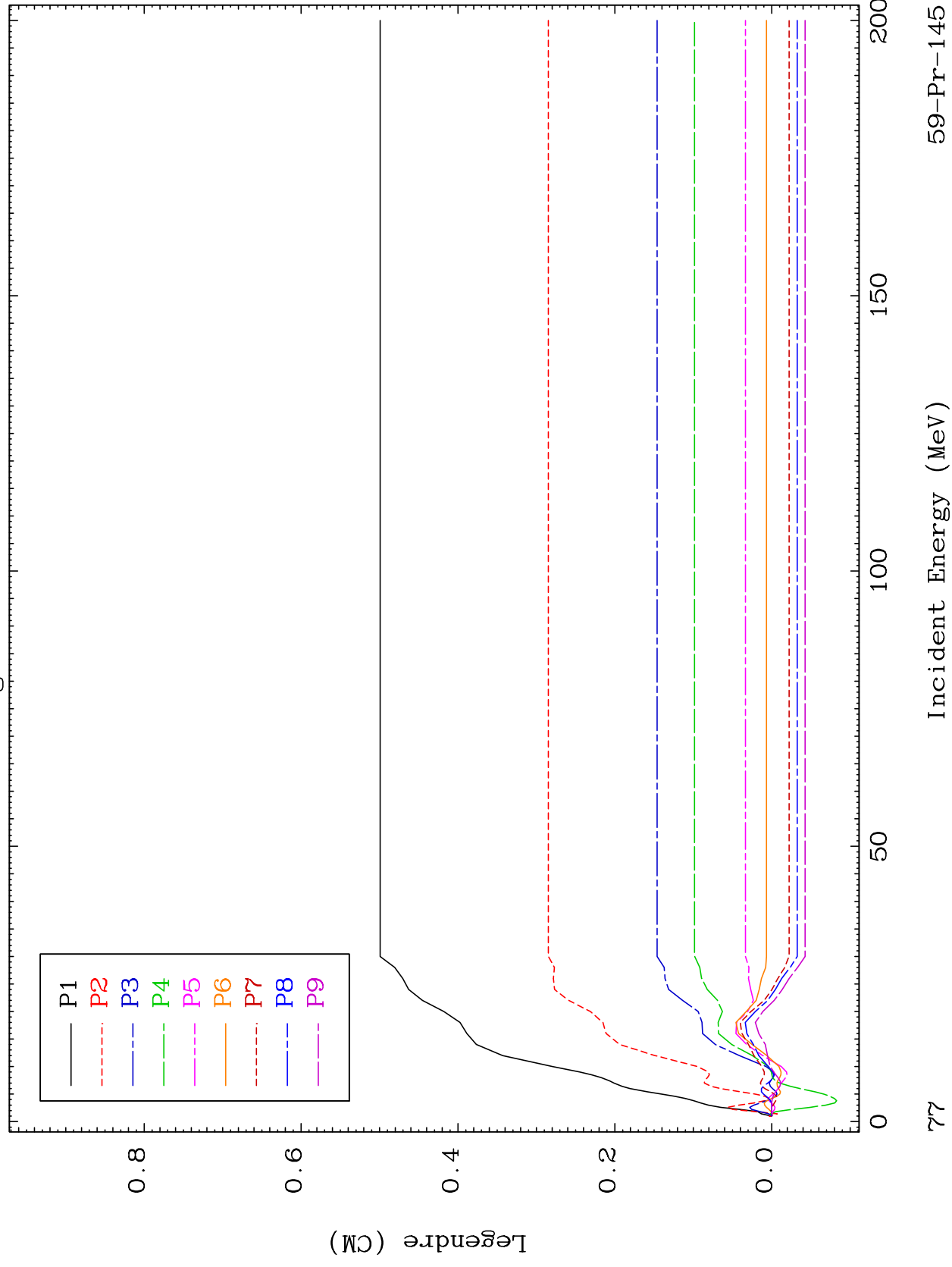


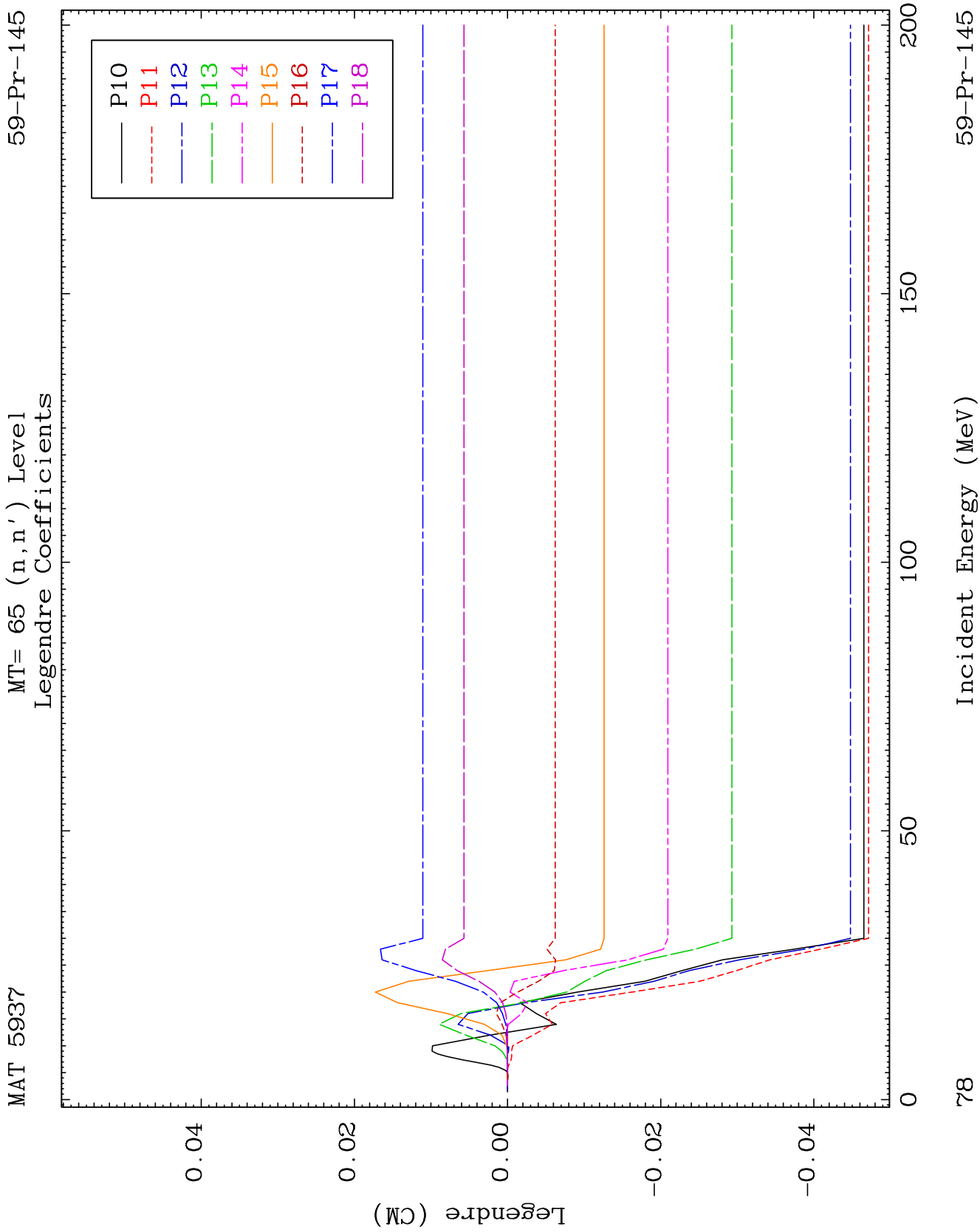


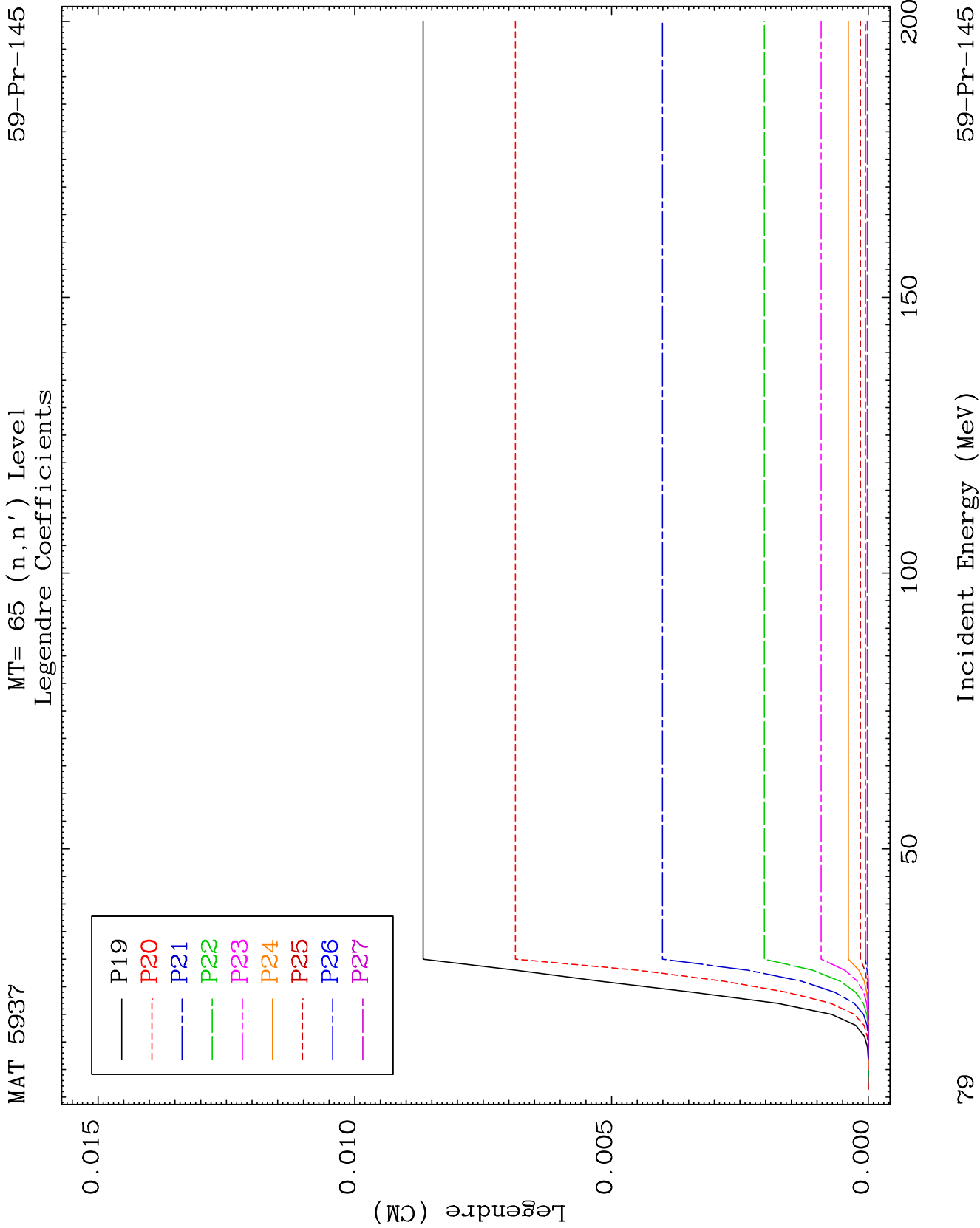
MAT 5937

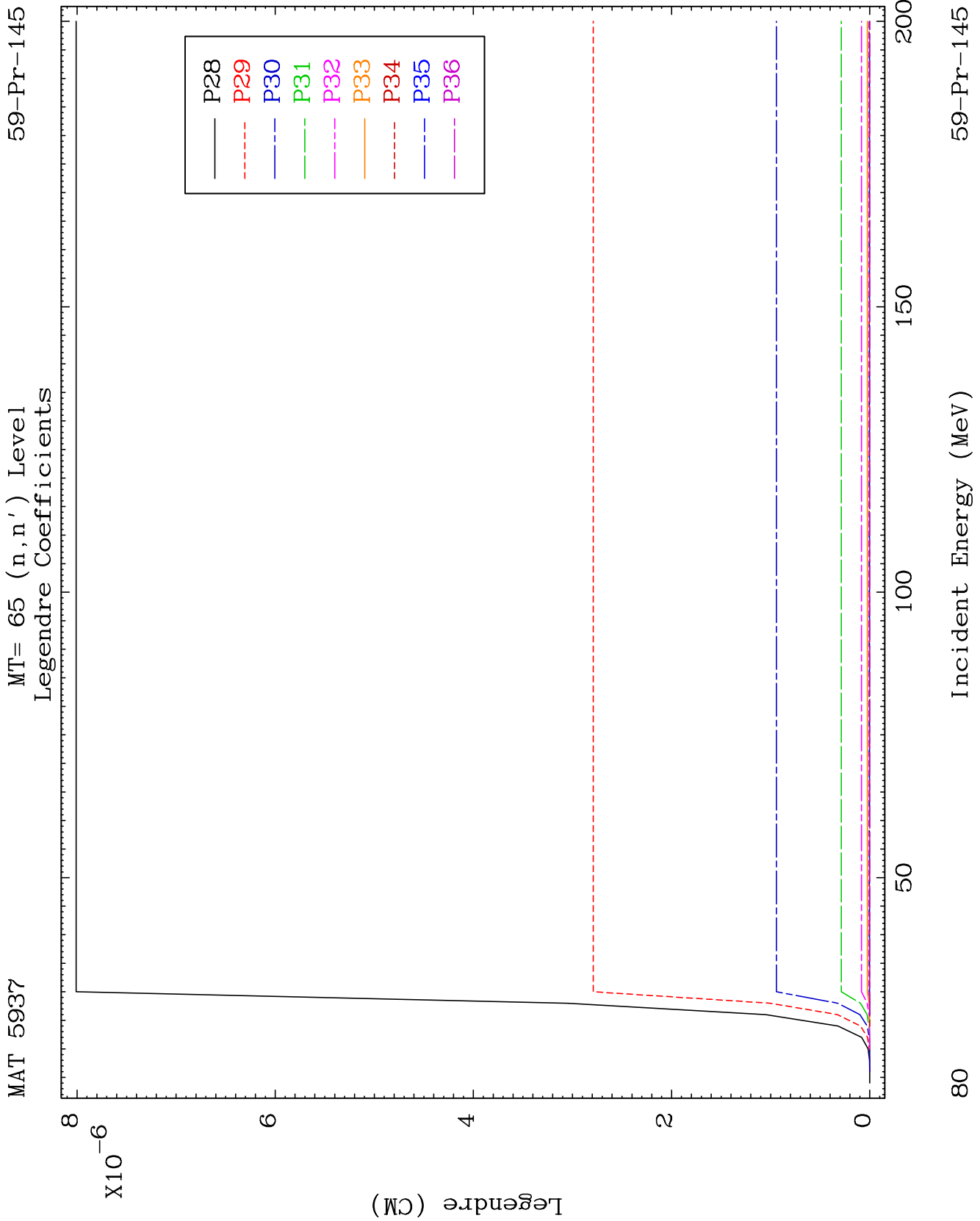
MT= 65 (n, n') Level
Legendre Coefficients

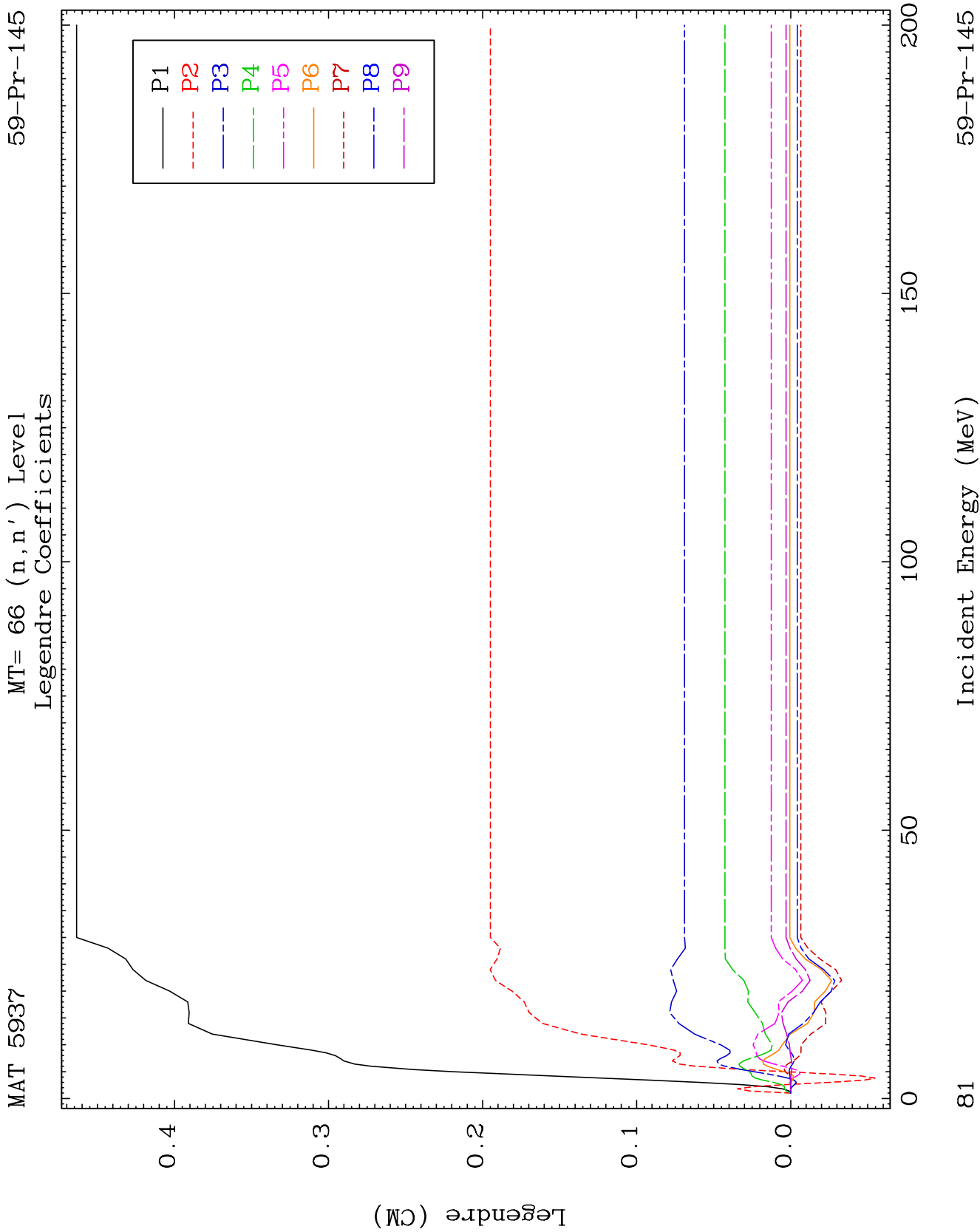
59-Pr-145







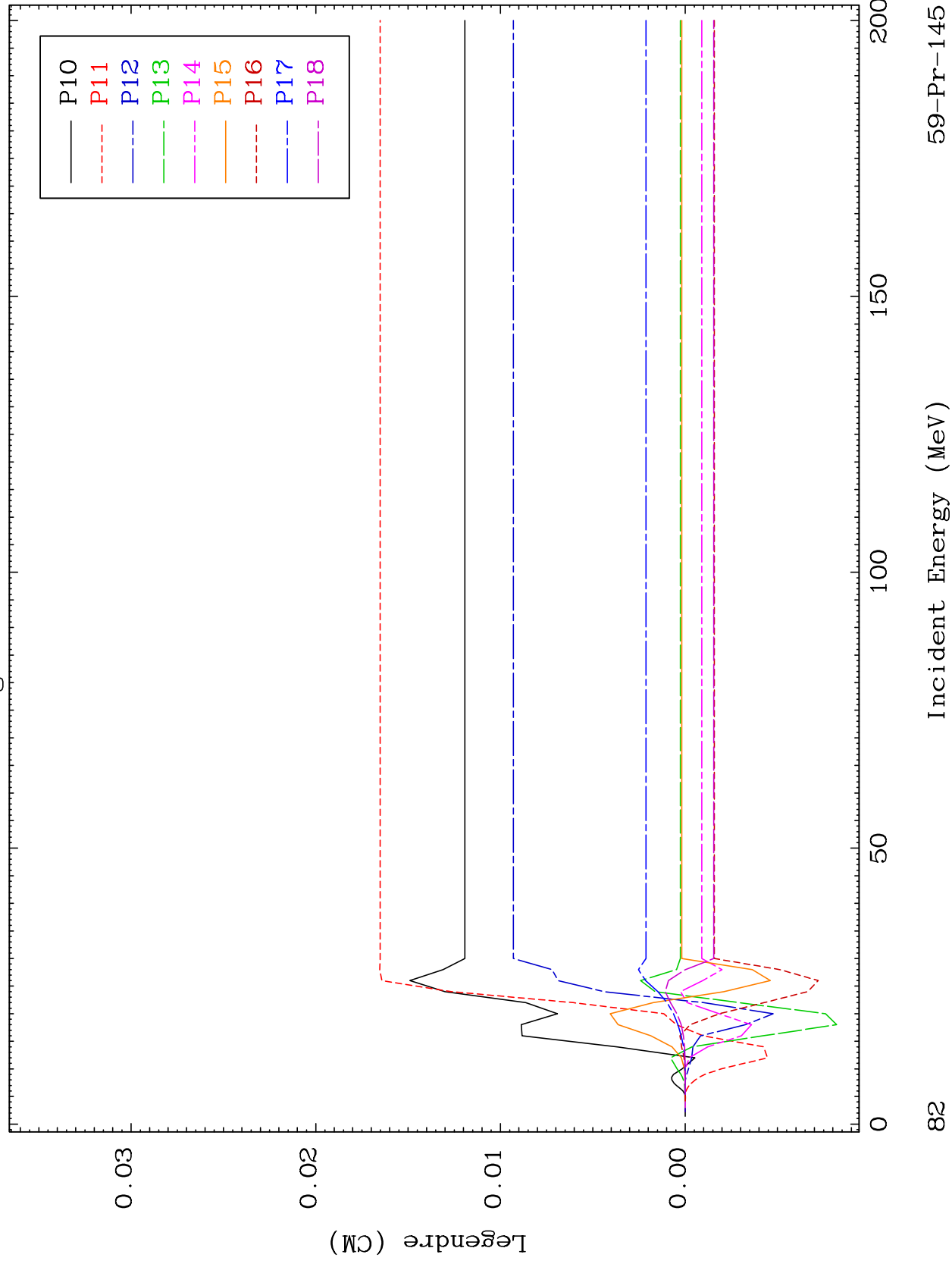




MAT 5937

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

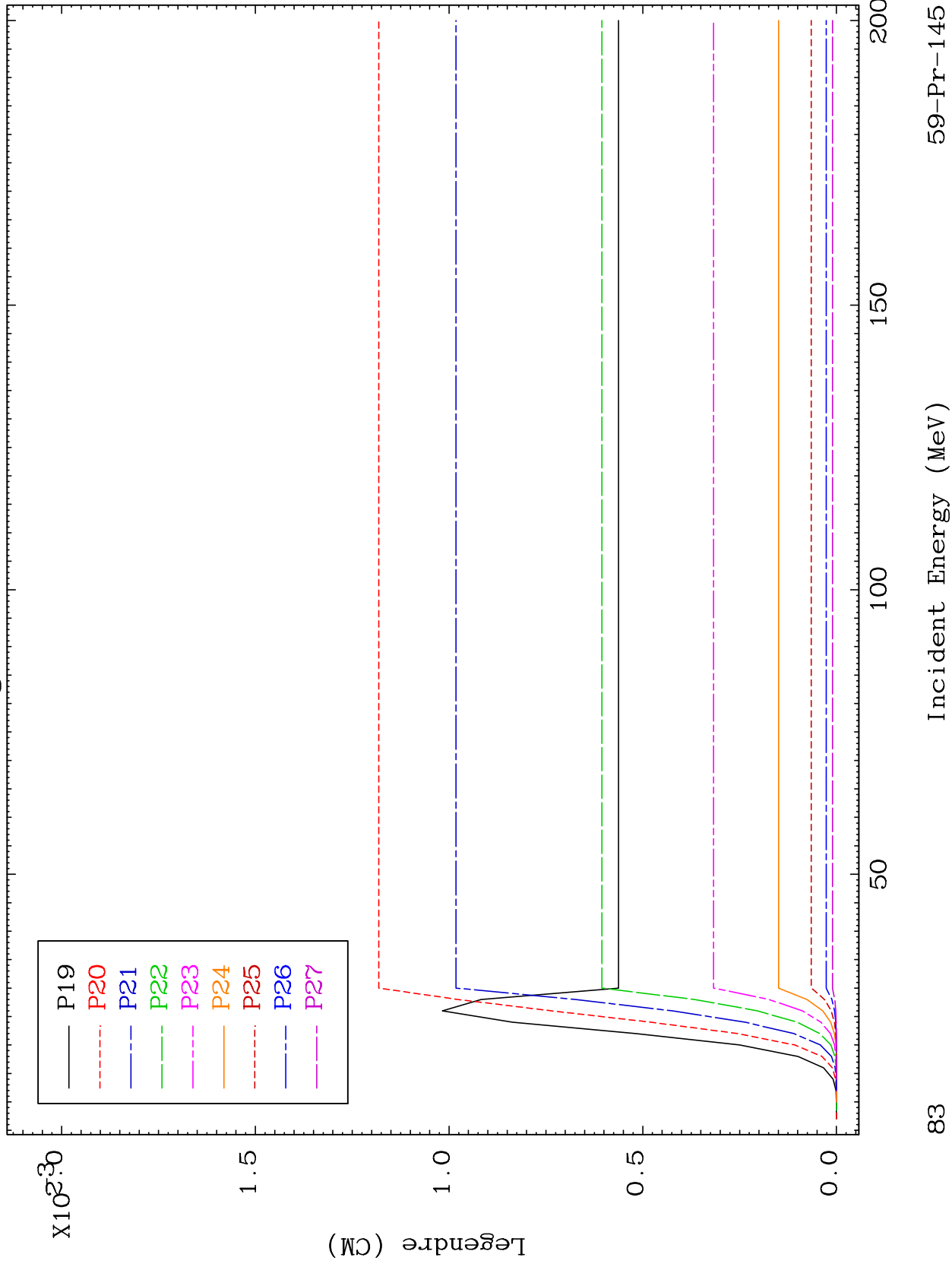
59-Pr-145

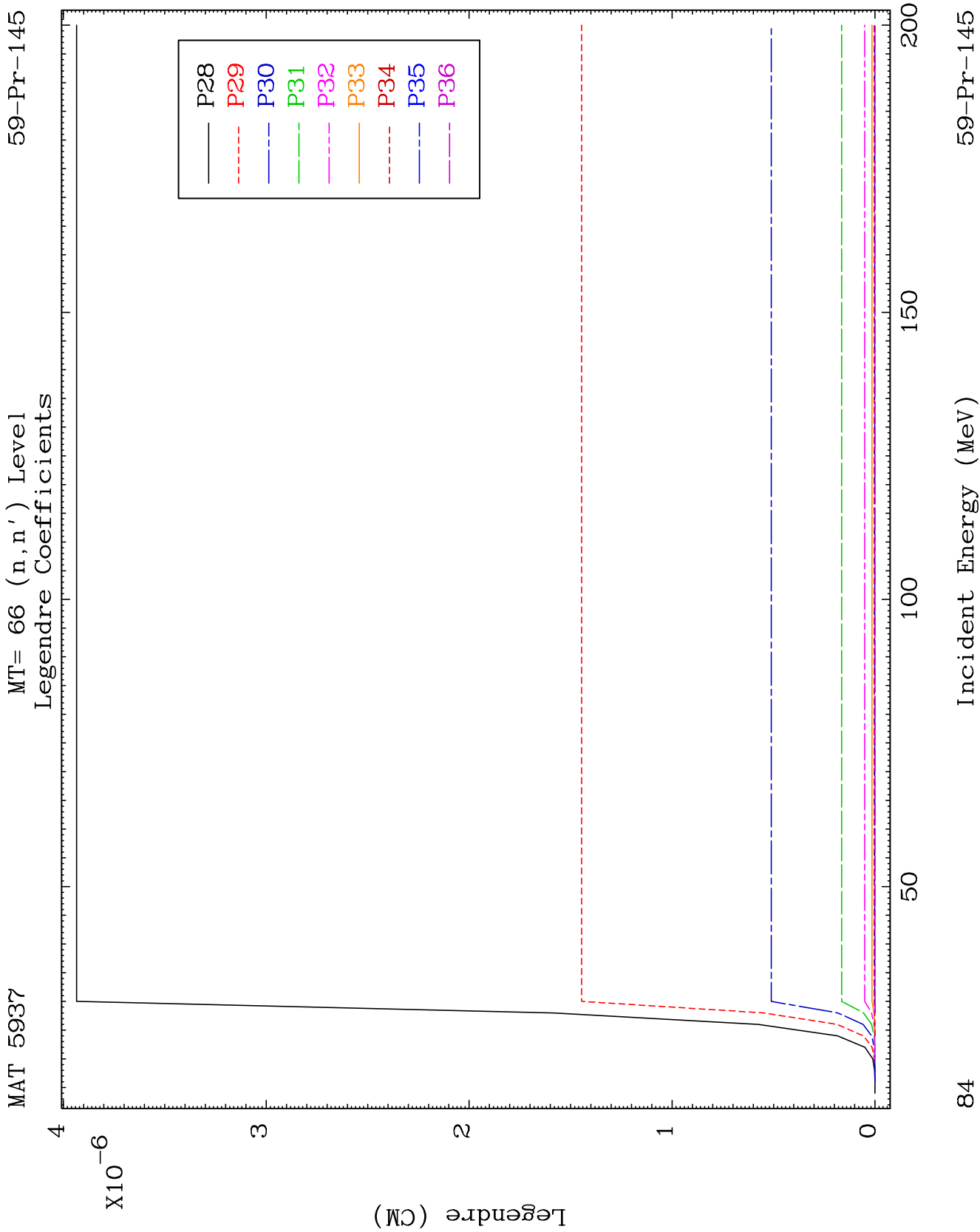


MAT 5937

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

59-Pr-145

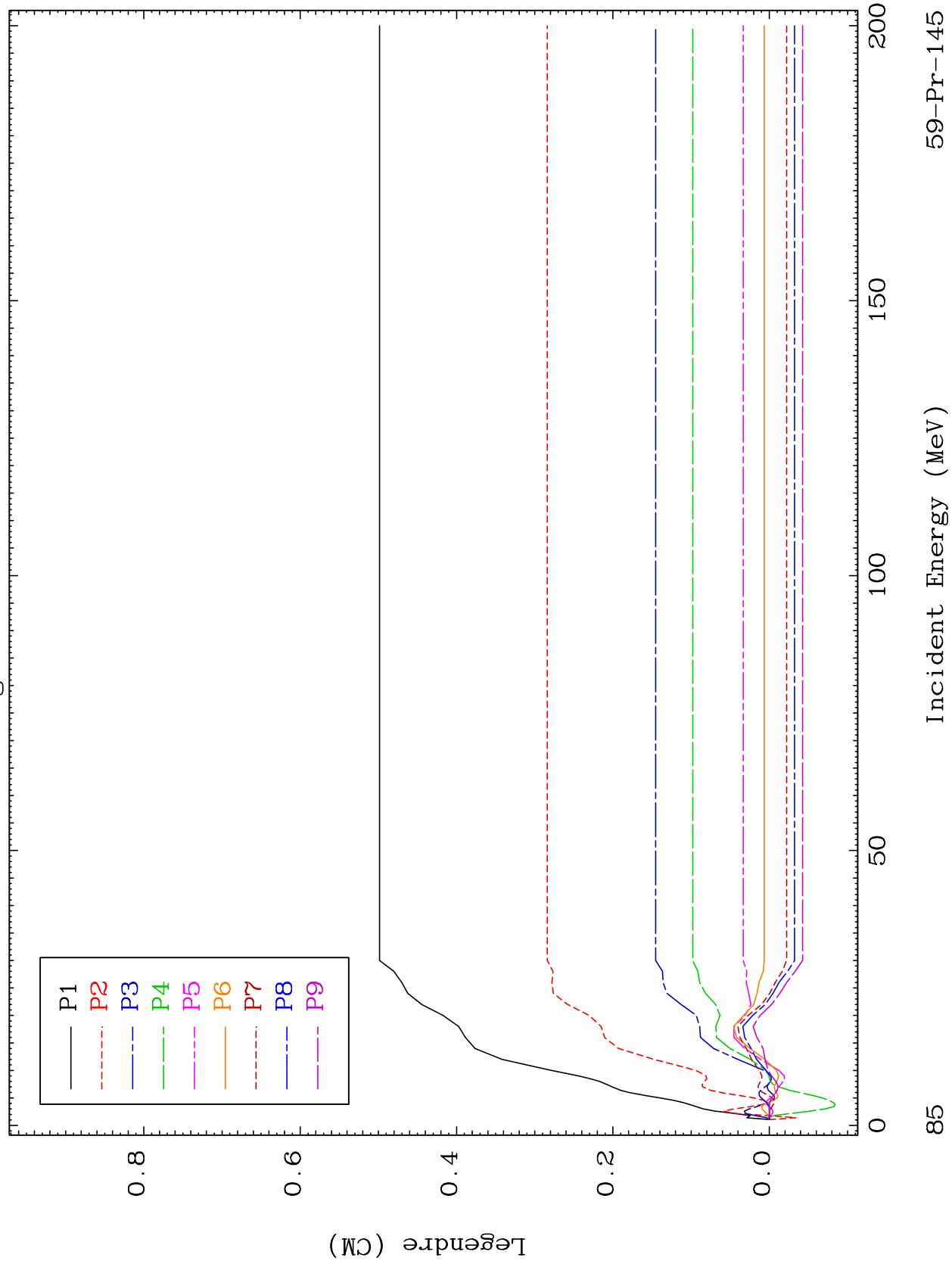


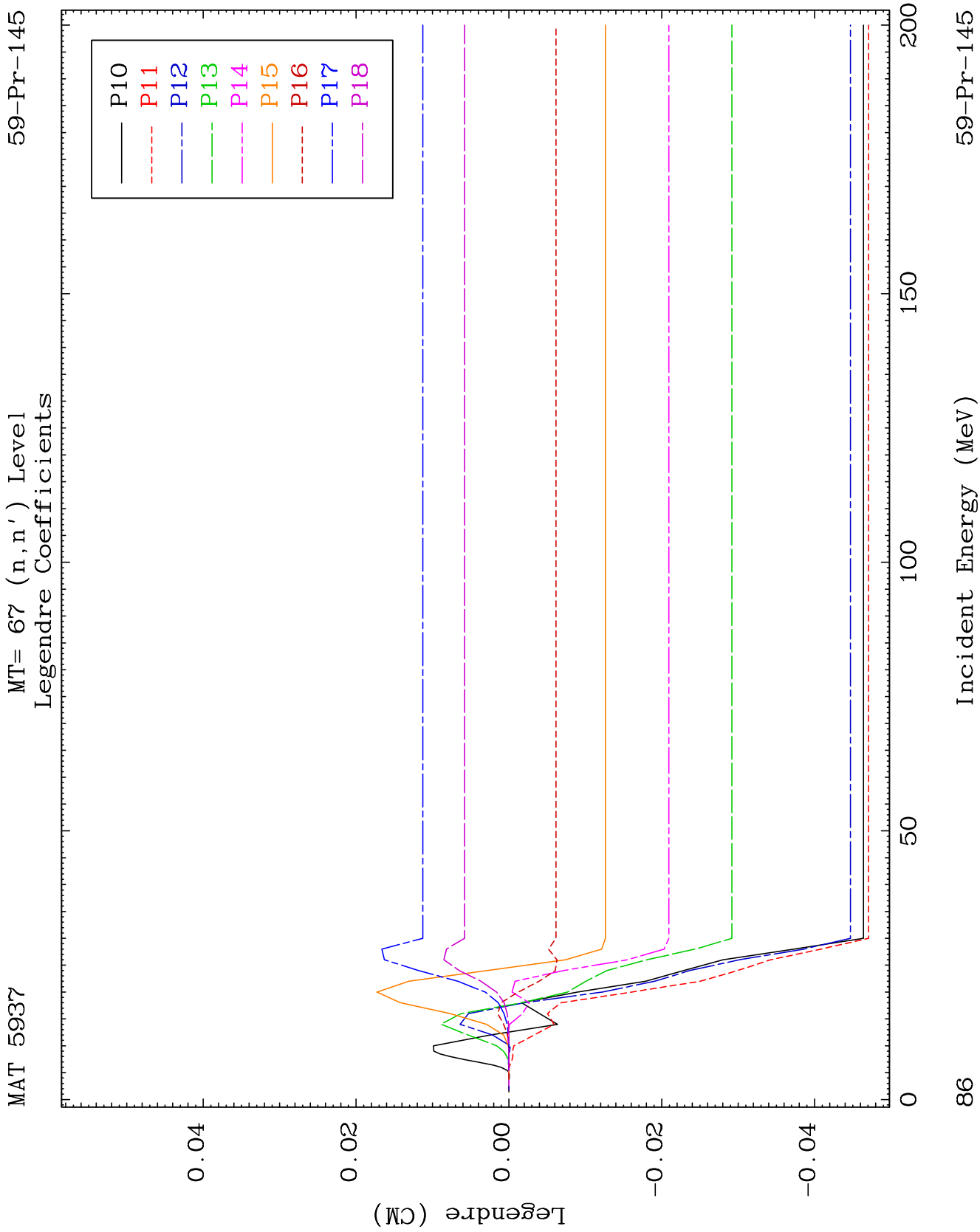


MAT 5937

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

59-Pr-145

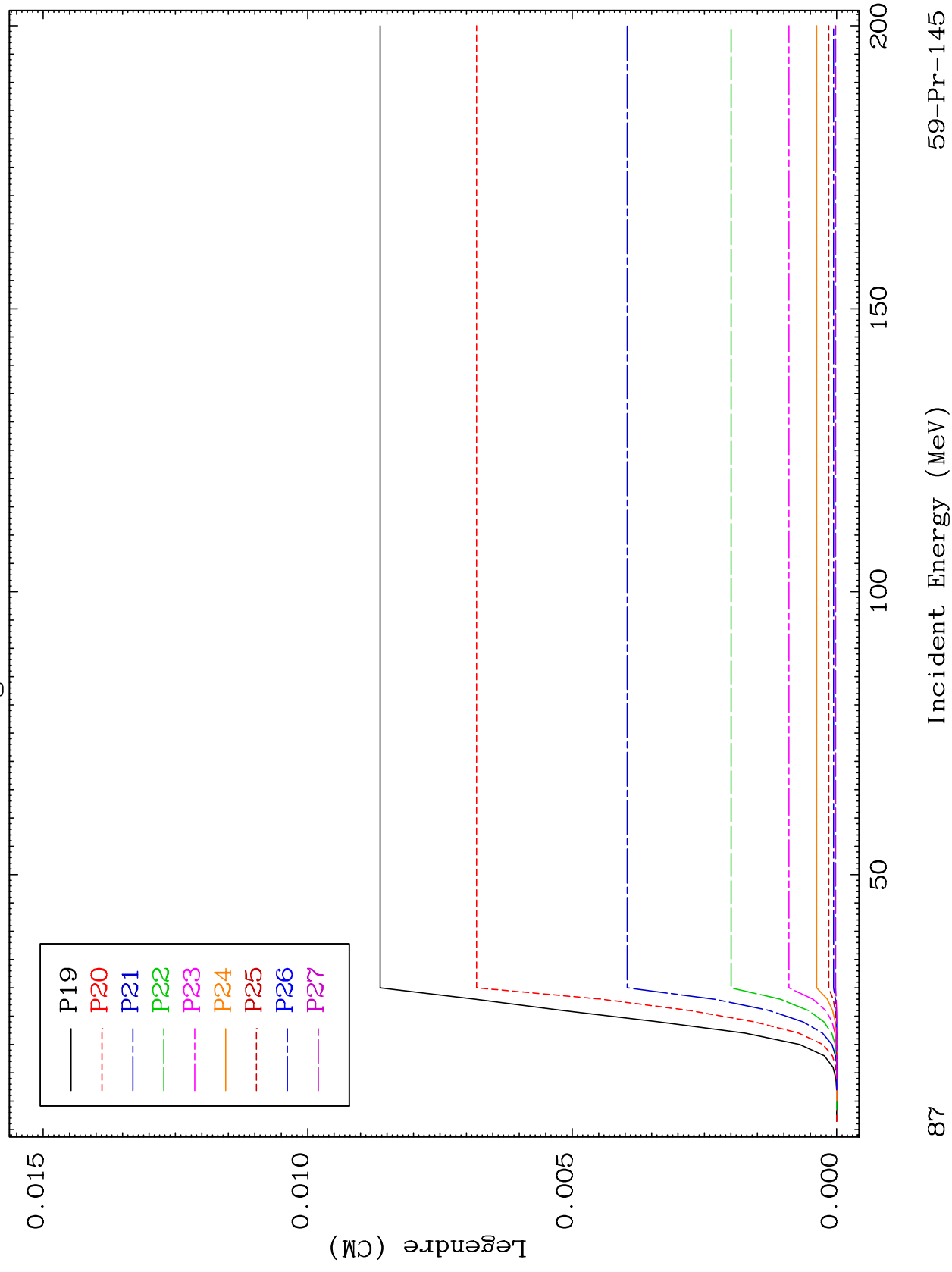


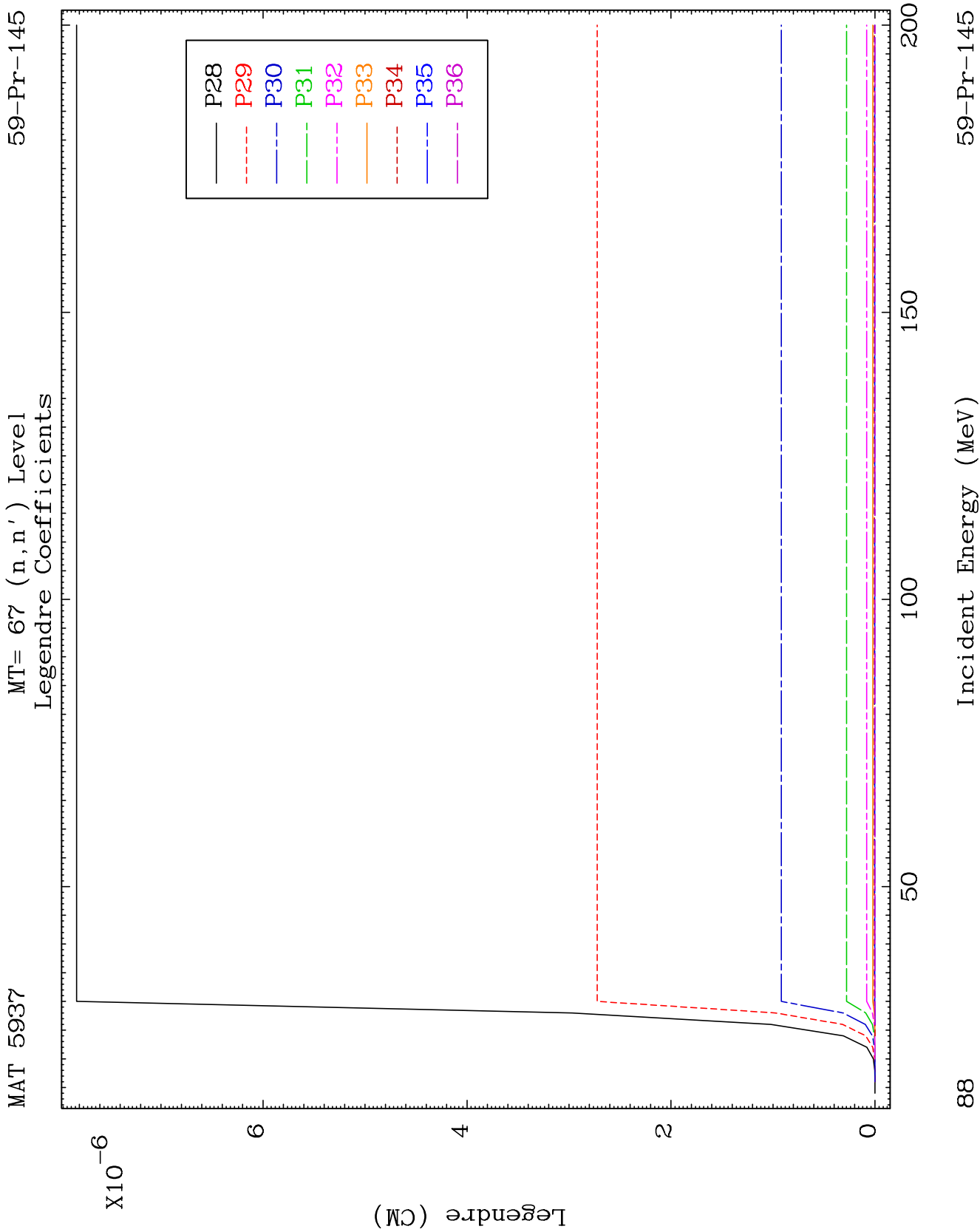


MAT 5937

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

59-Pr-145

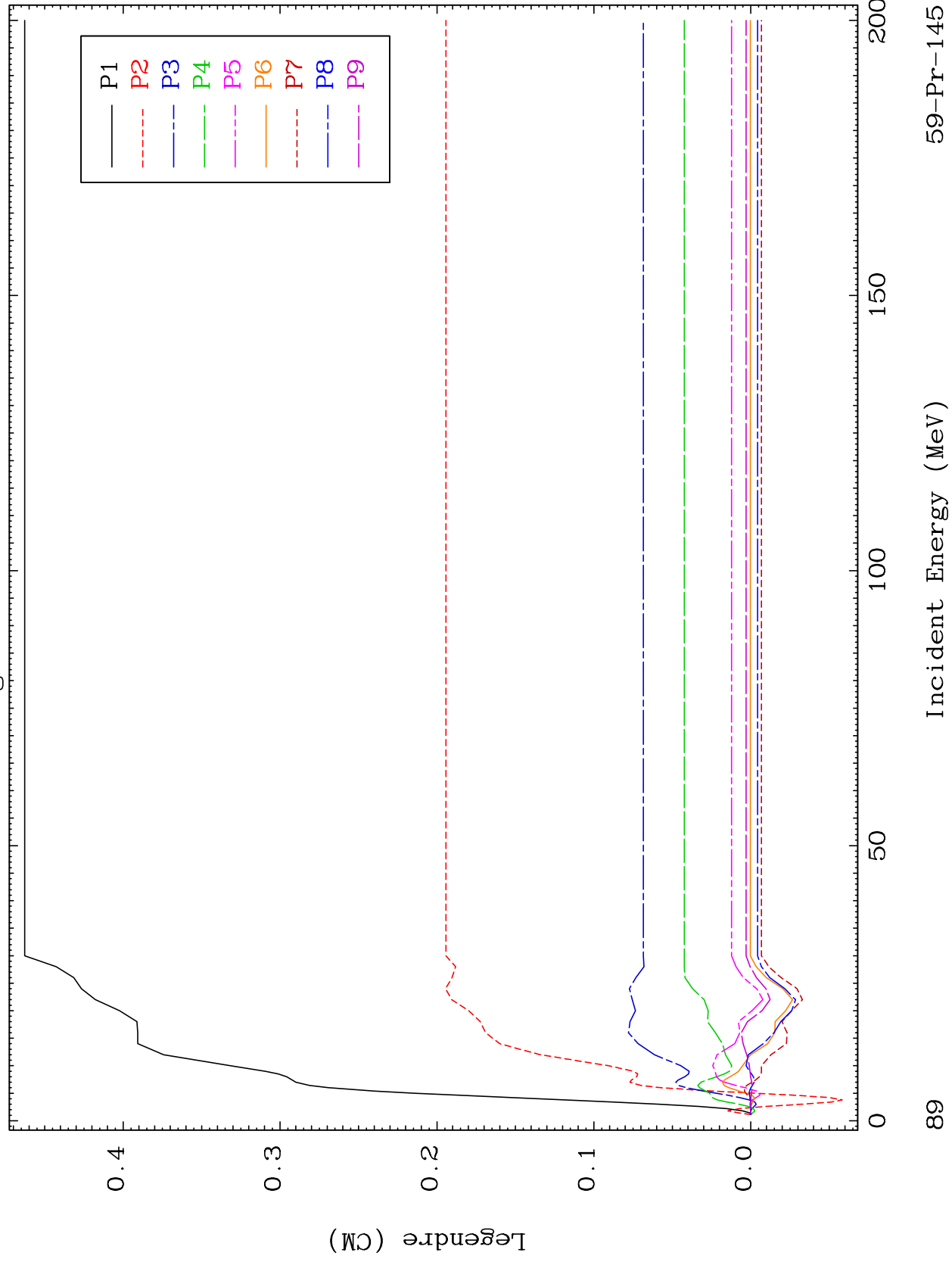




MAT 5937

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

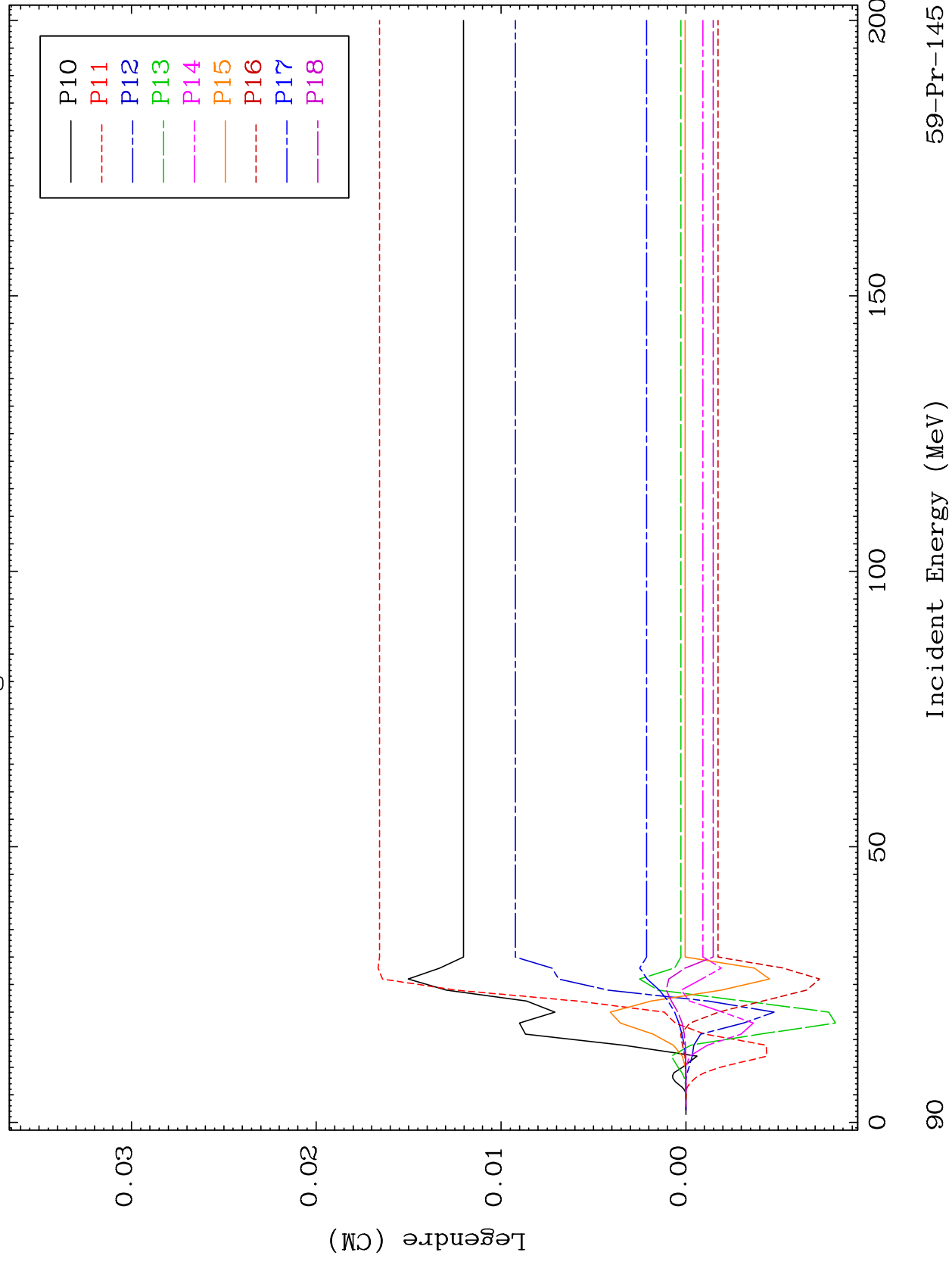
59-Pr-145

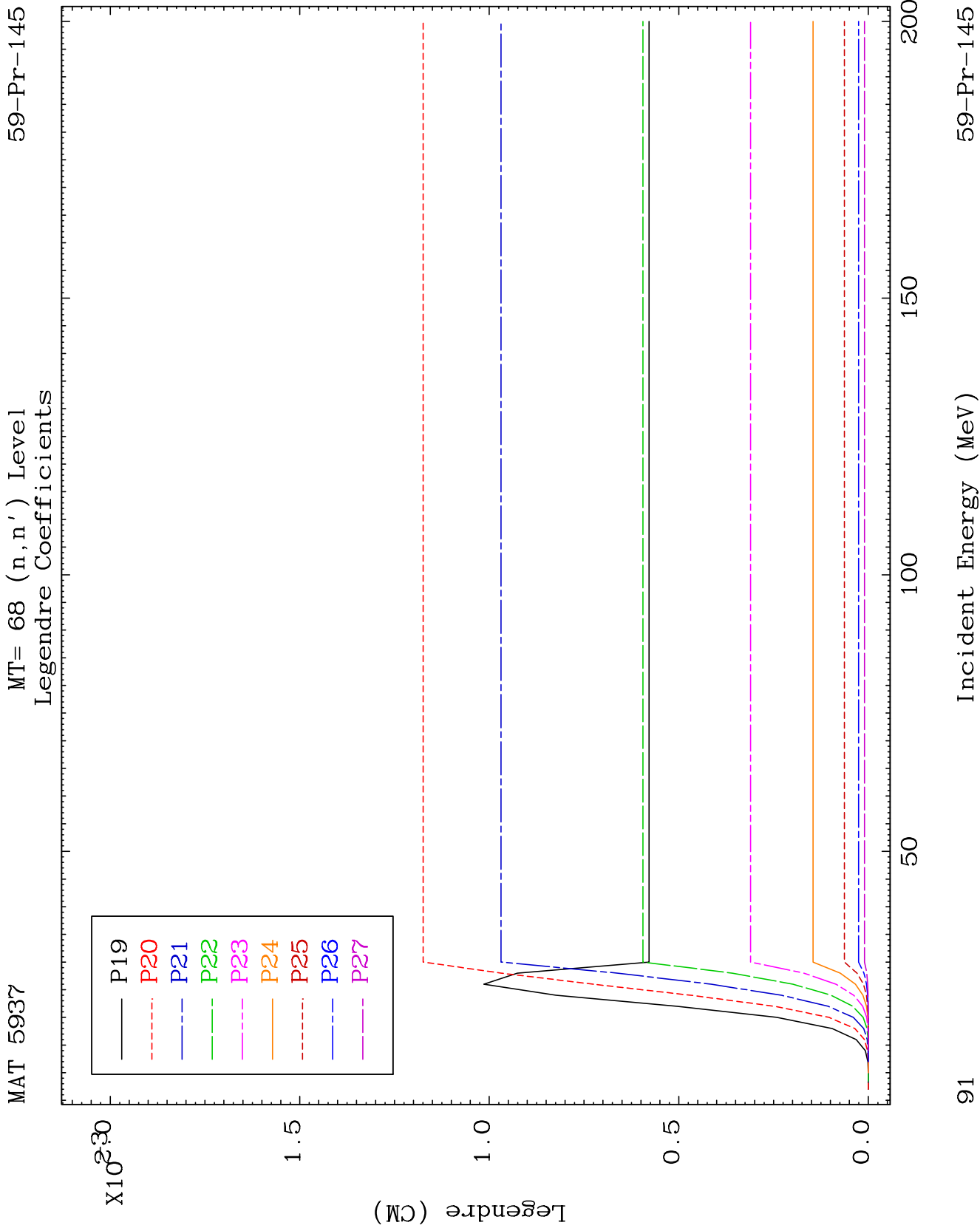


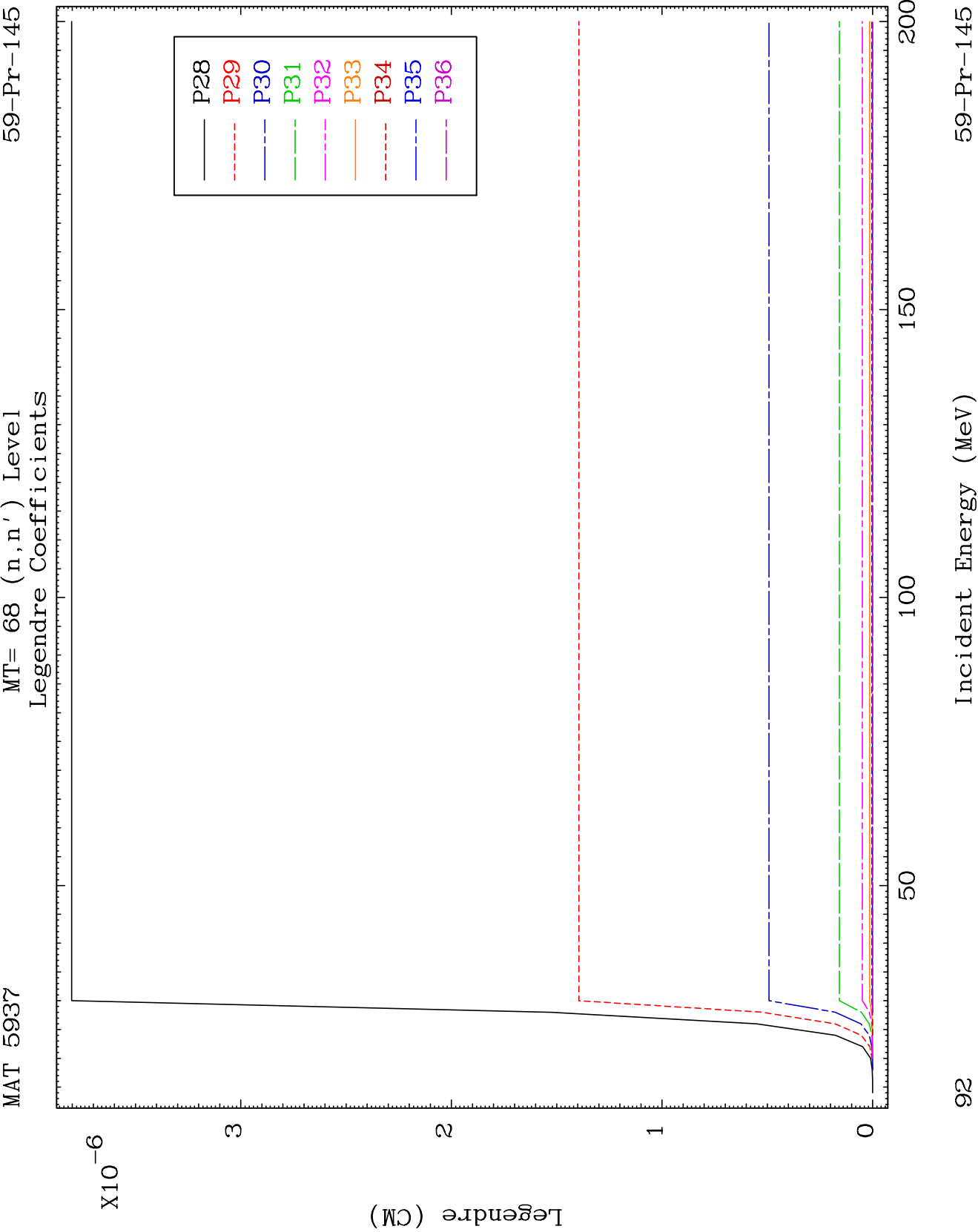
MAT 5937

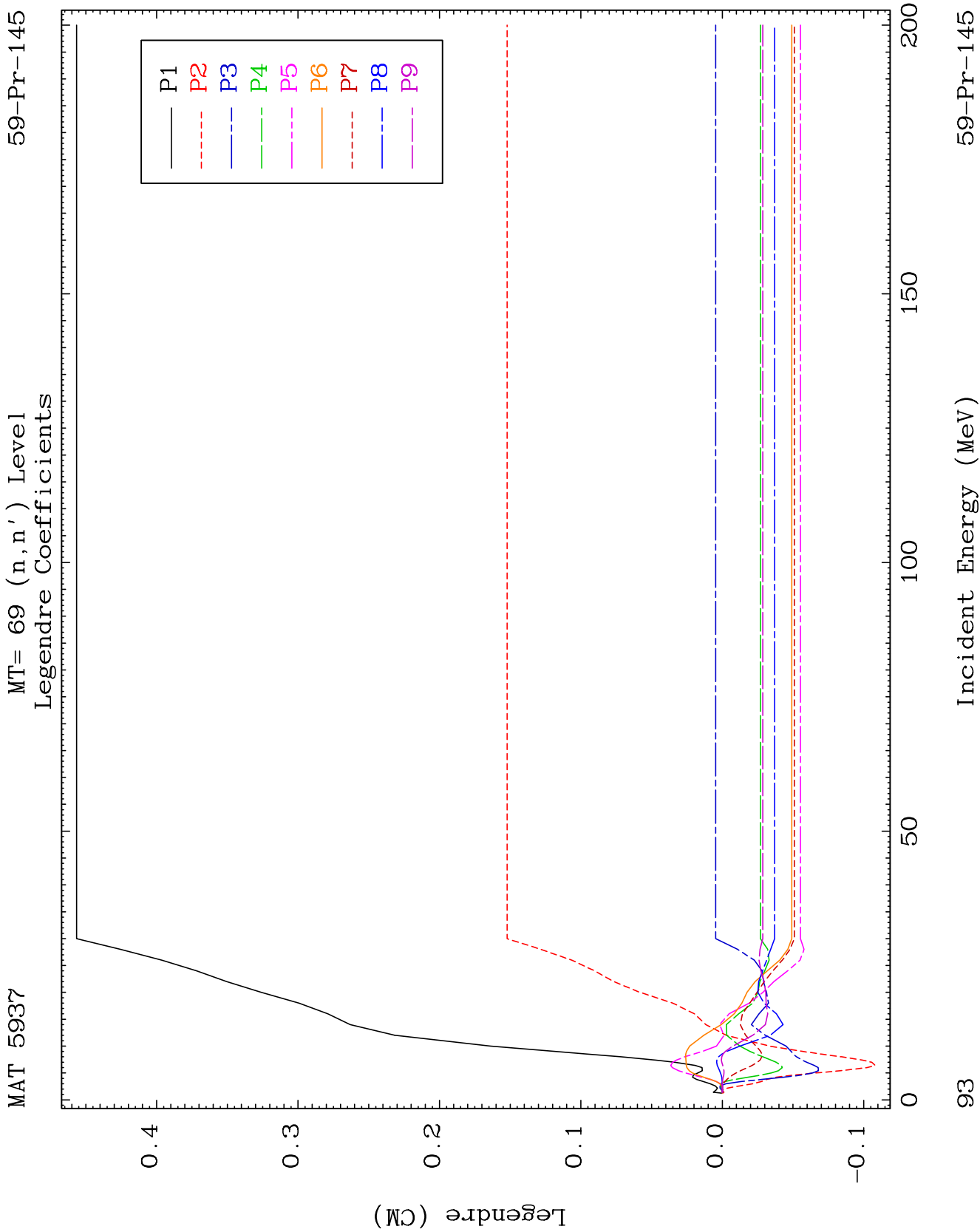
MT= 68 (n, n') Level
Legendre Coefficients

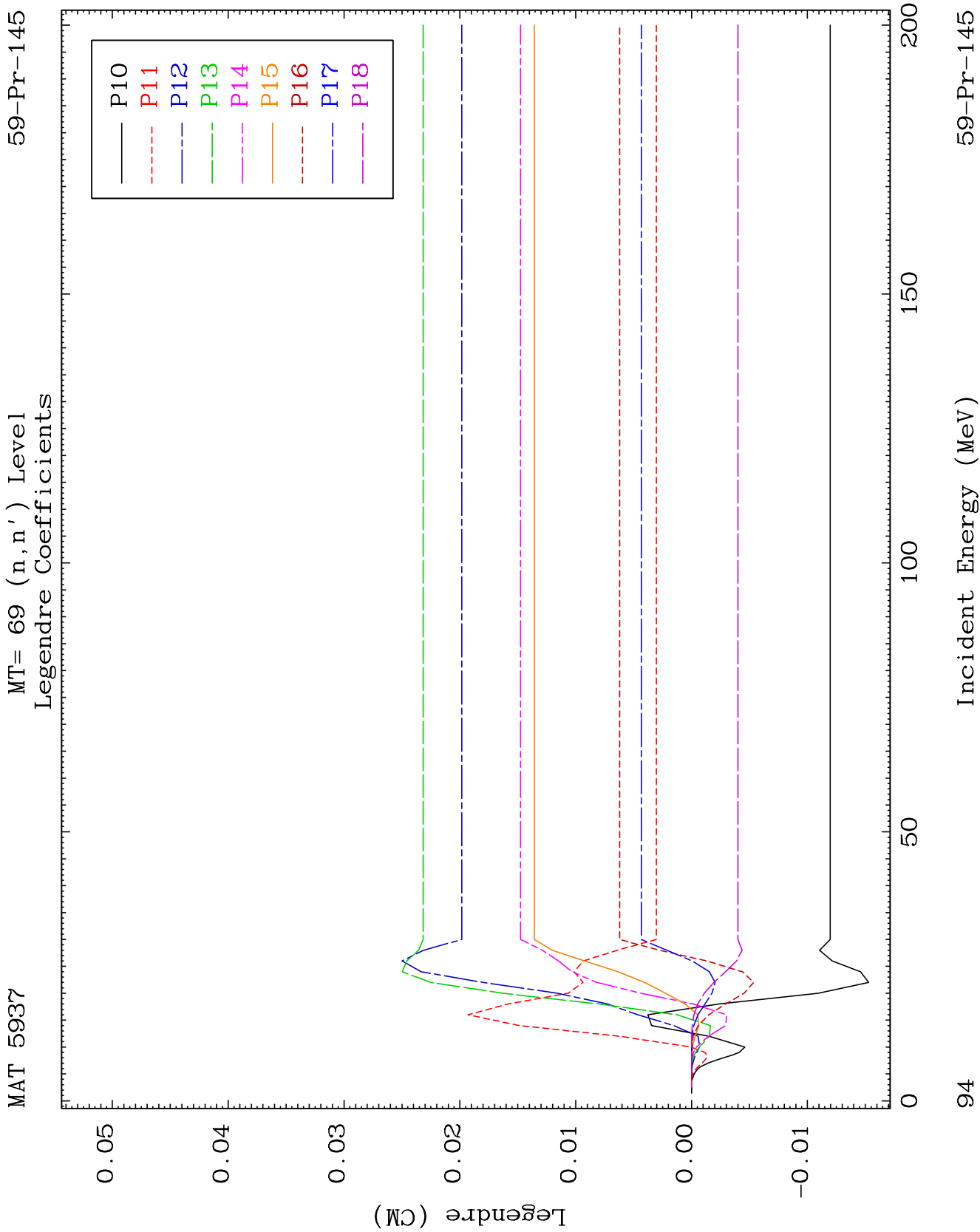
59-Pr-145







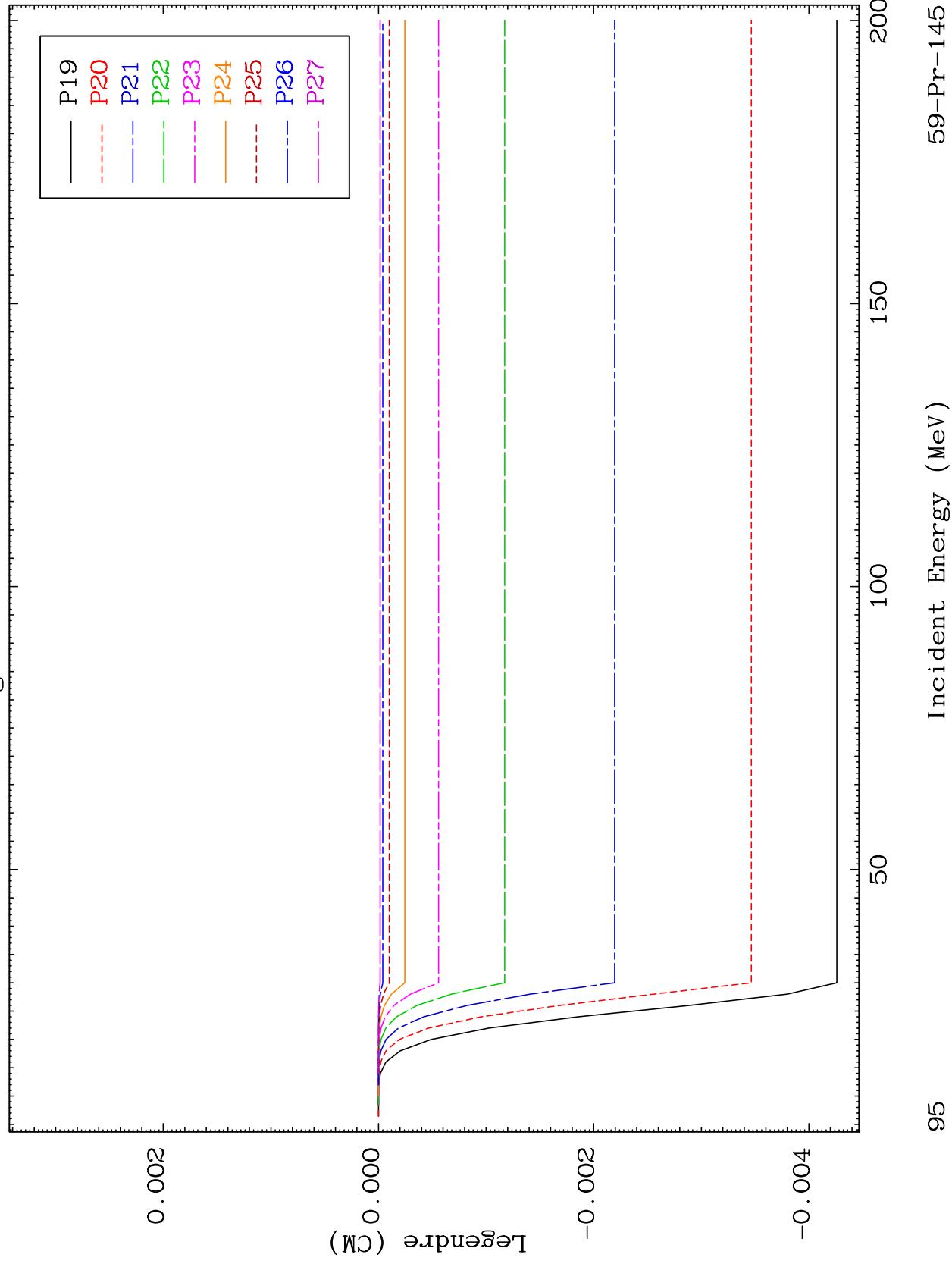


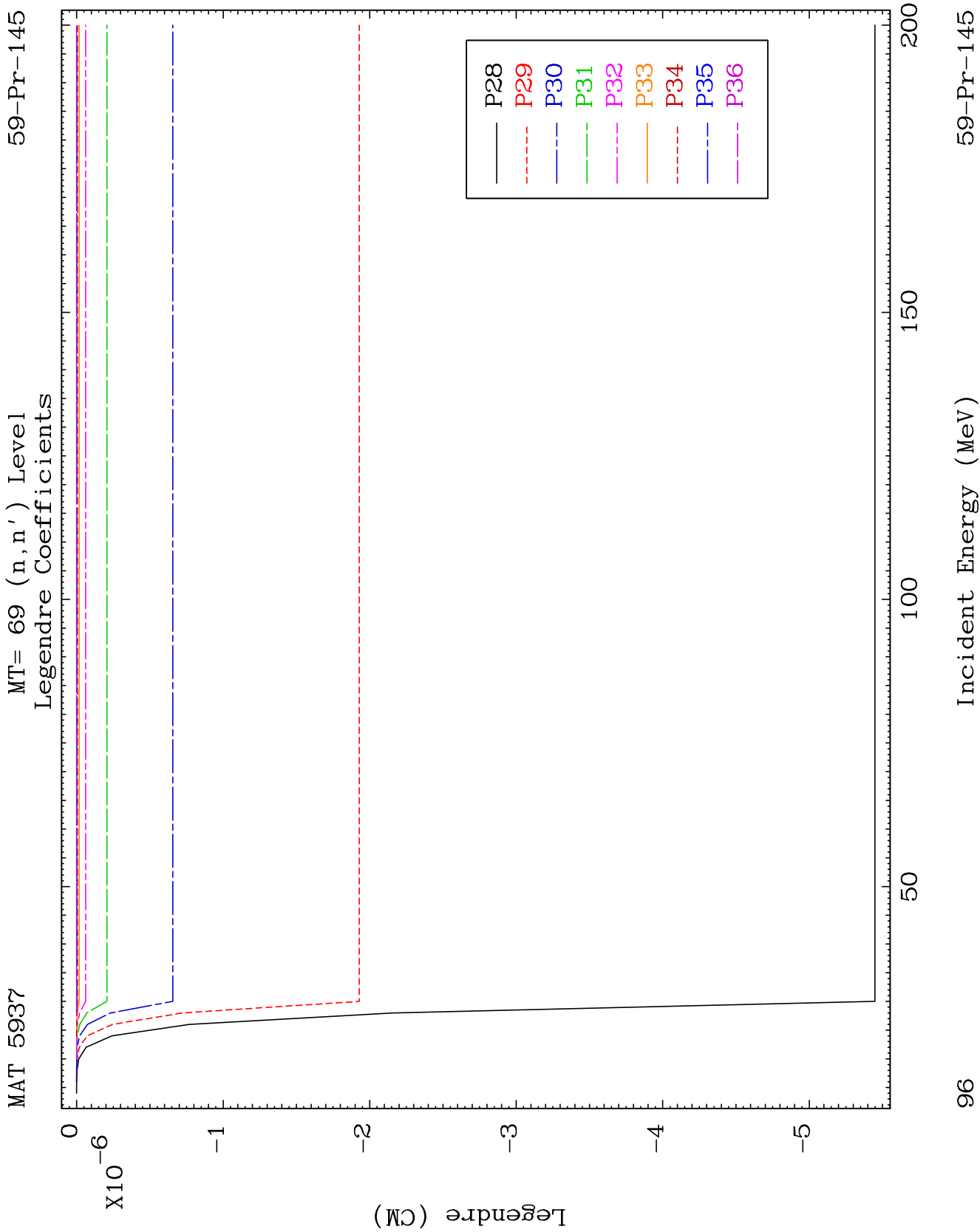


MAT 5937

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

59-Pr-145

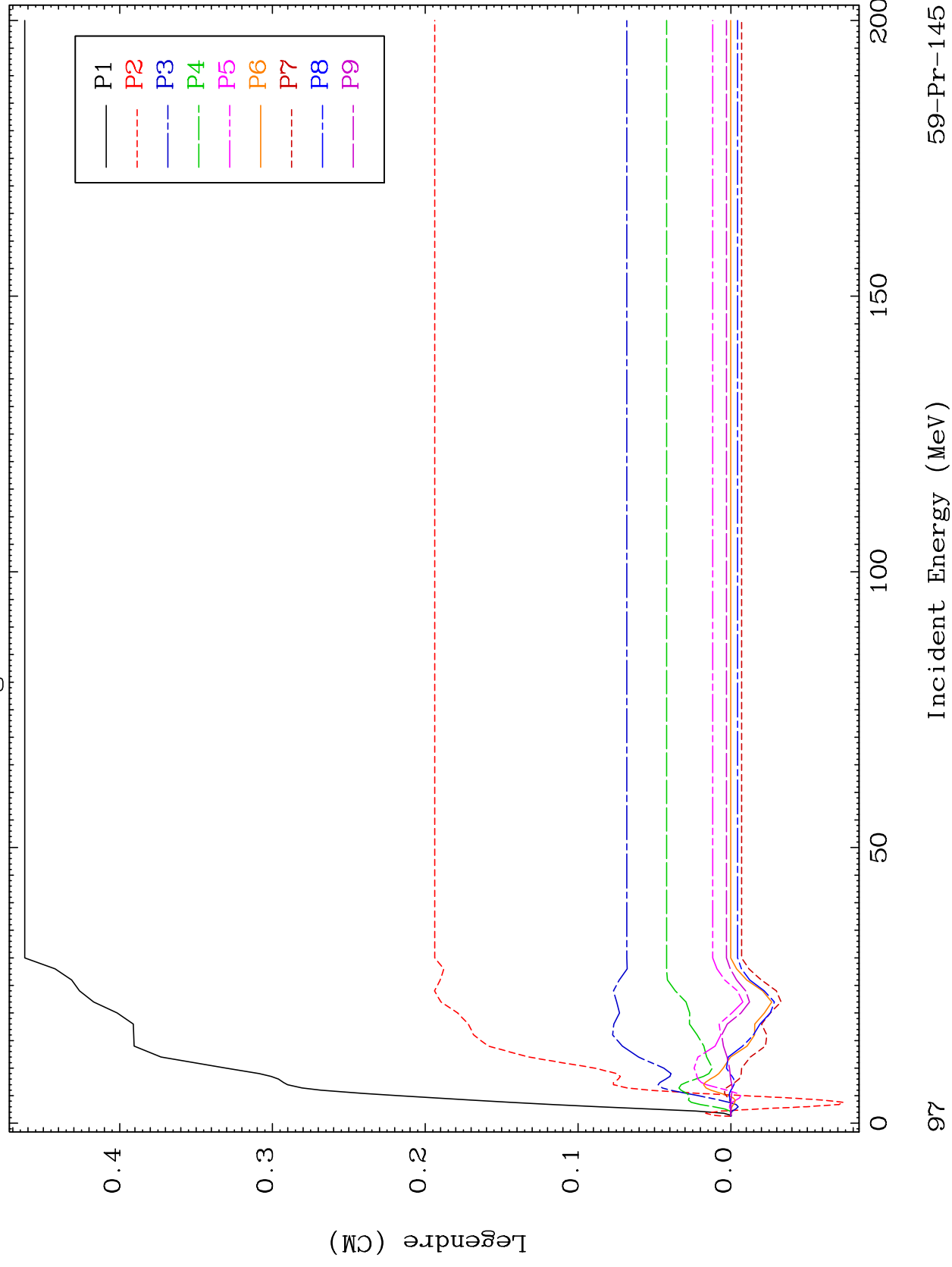




MAT 5937

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

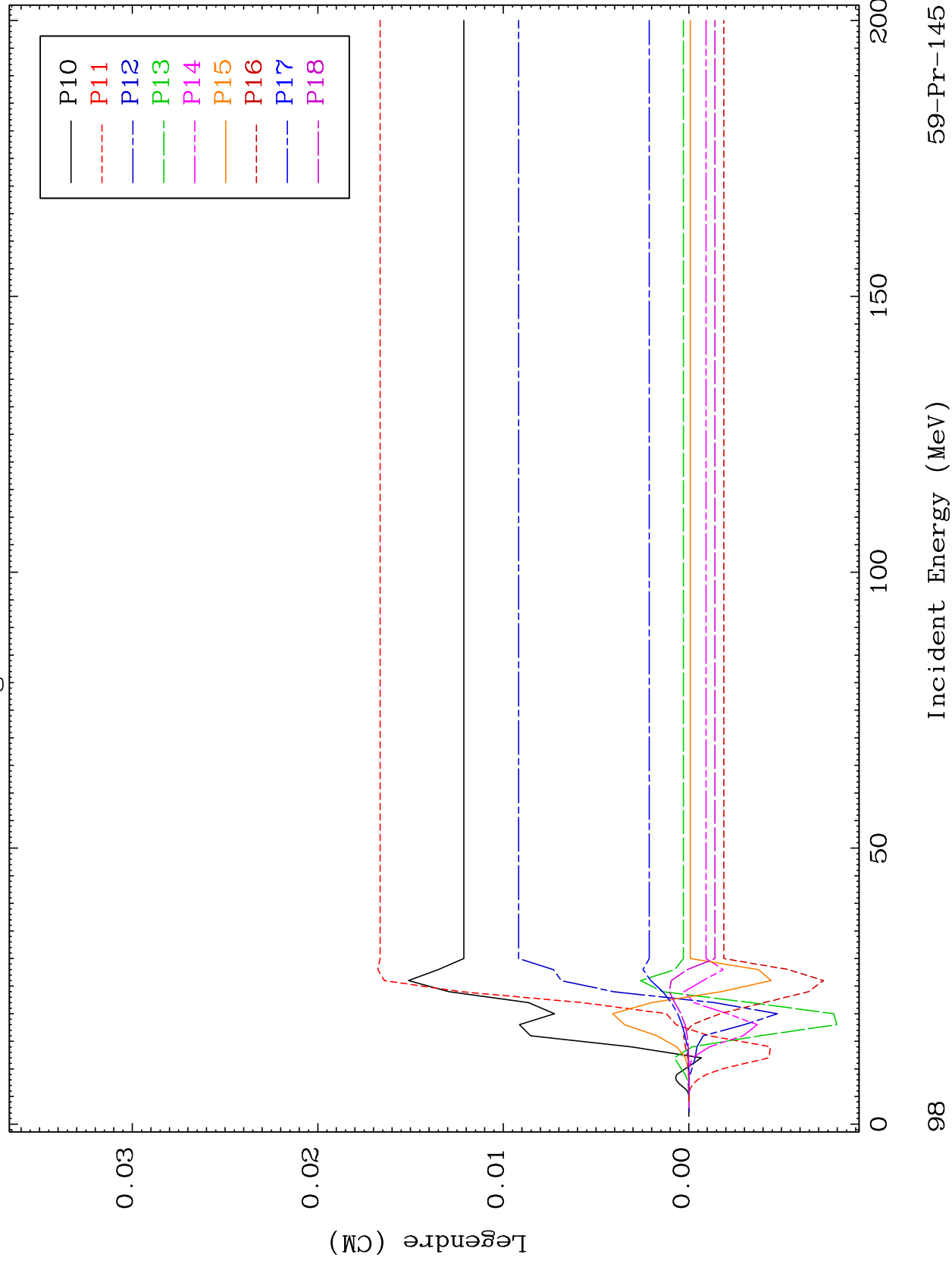
59-Pr-145



MAT 5937

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

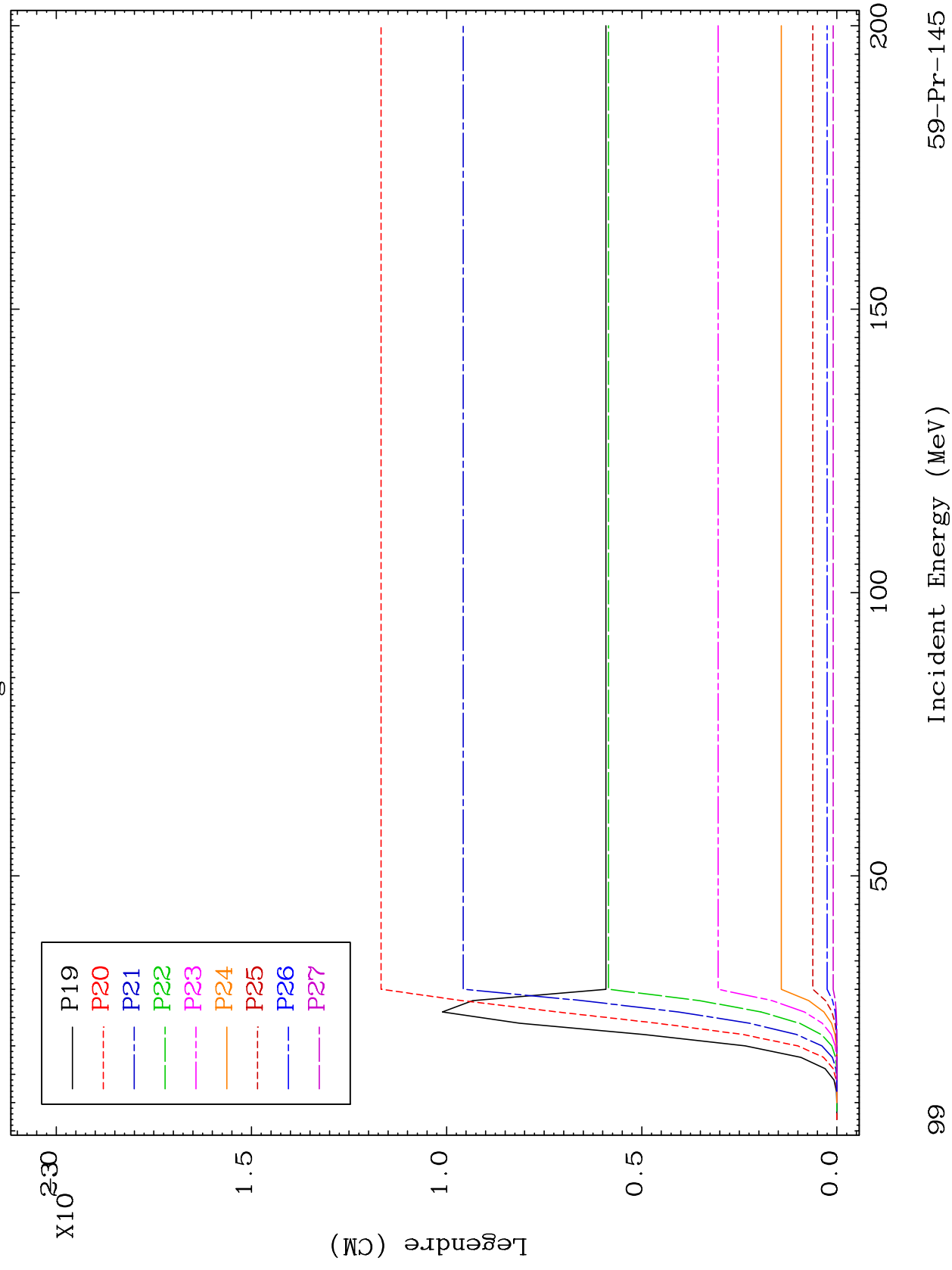
59-Pr-145

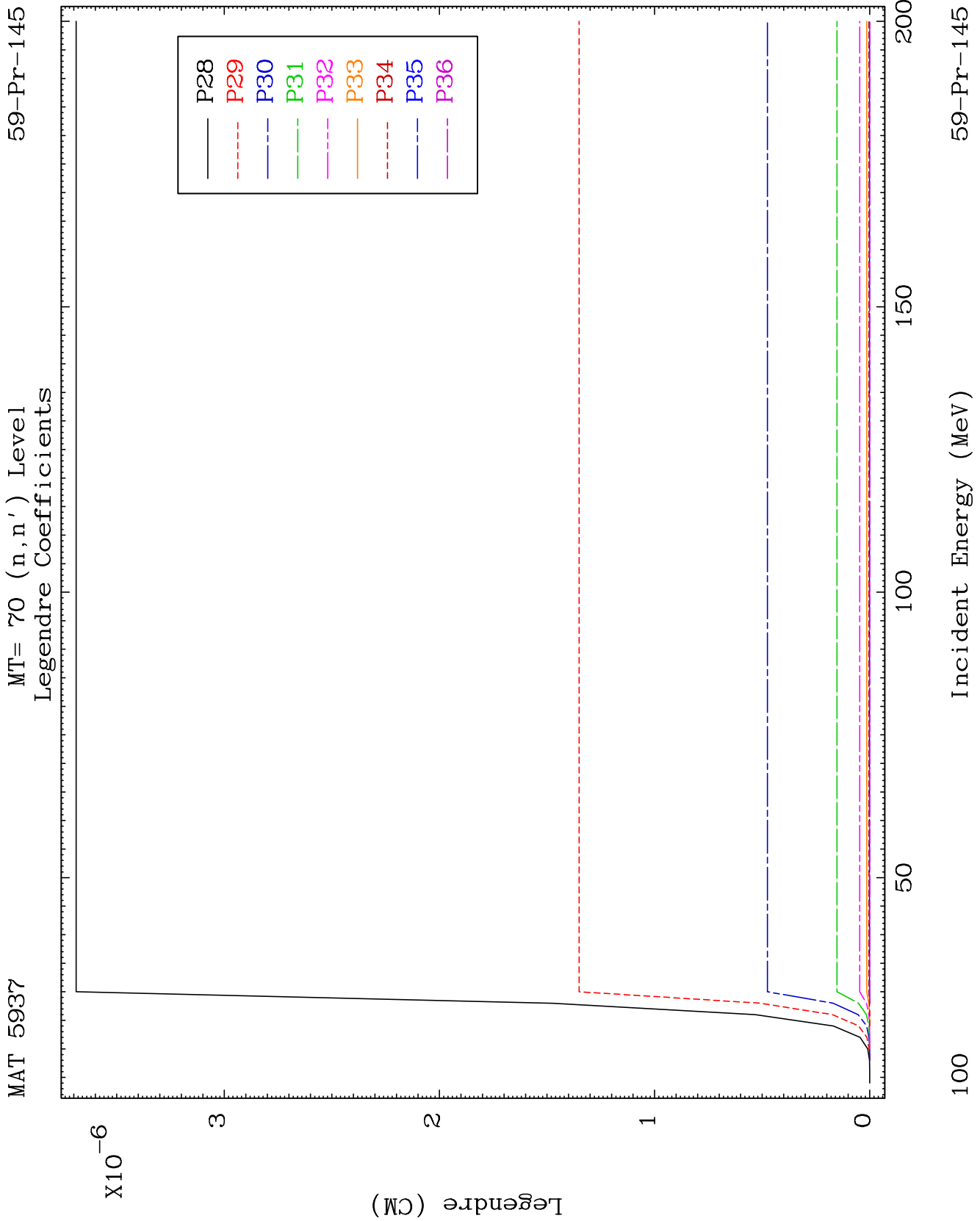


MAT 5937

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

59-Pr-145

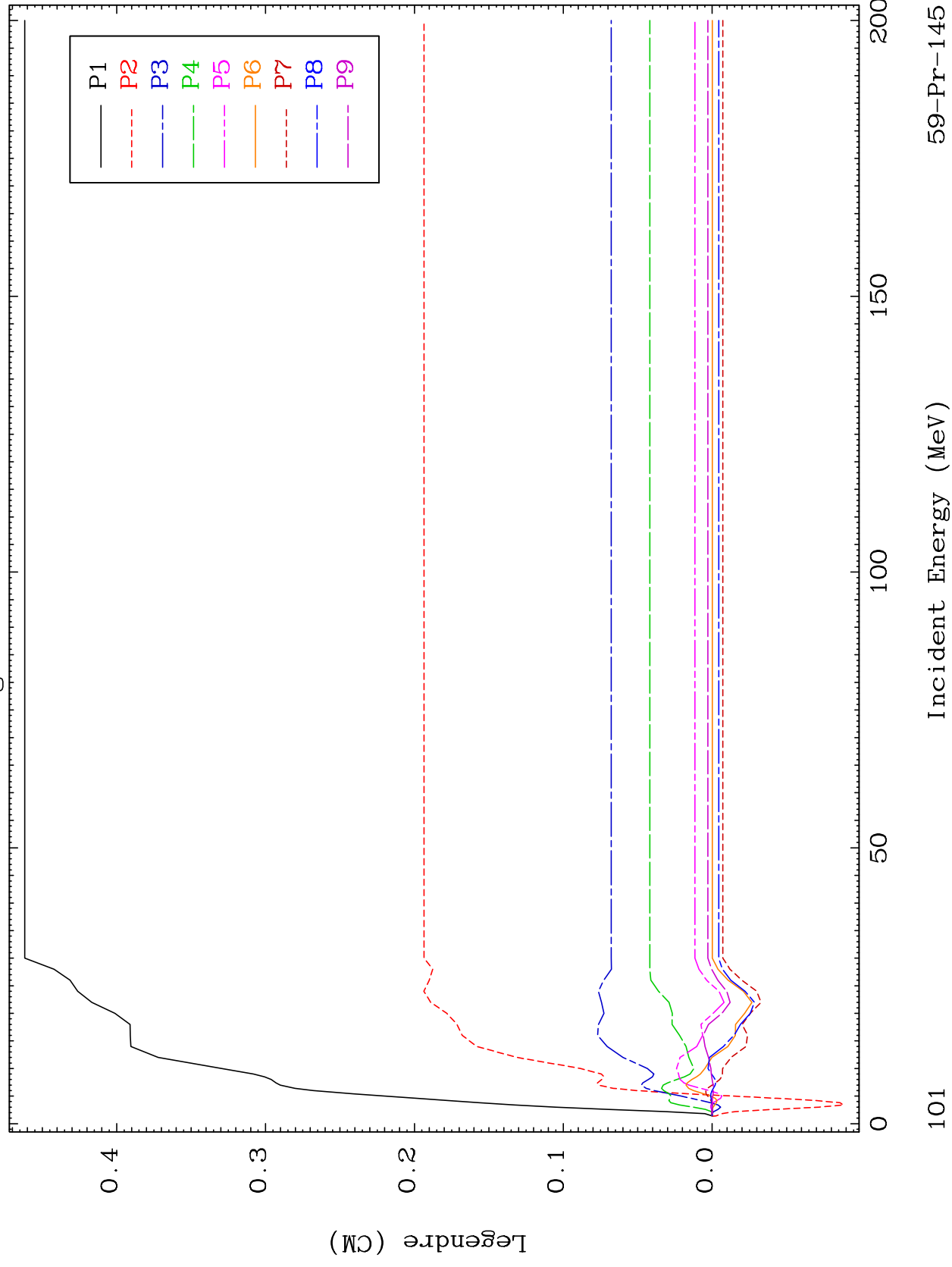




MAT 5937

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

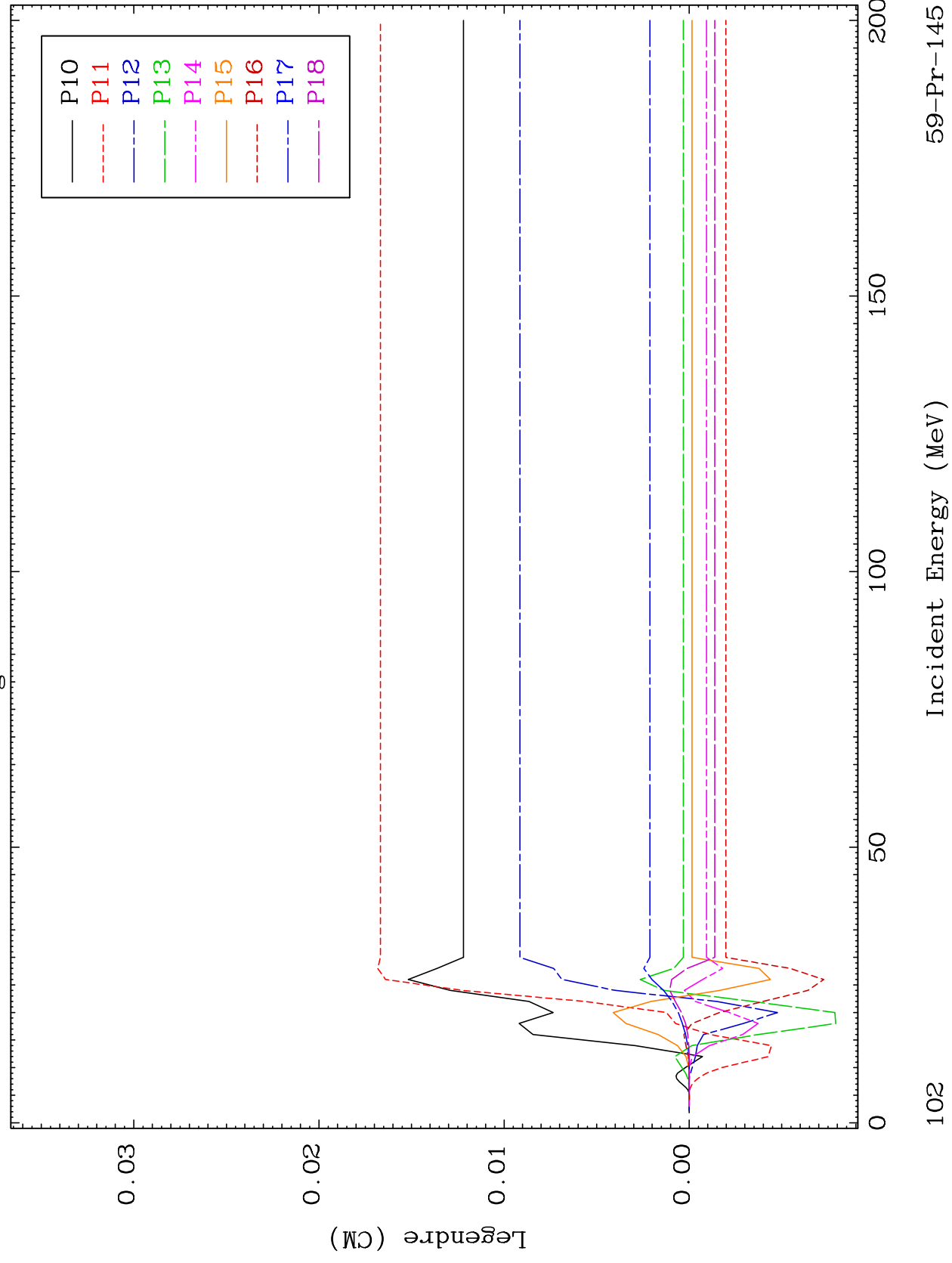
59-Pr-145

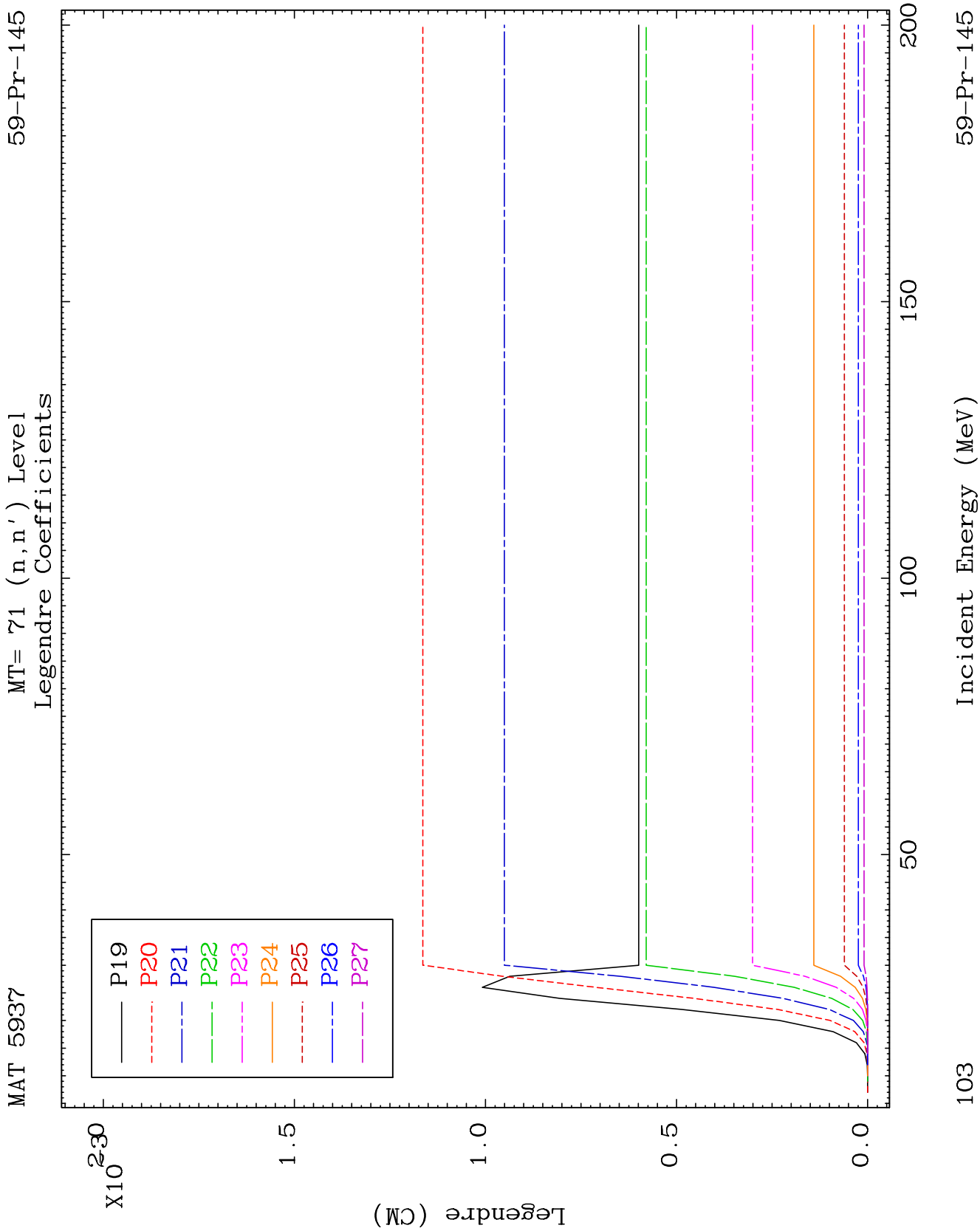


MAT 5937

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

59-Pr-145

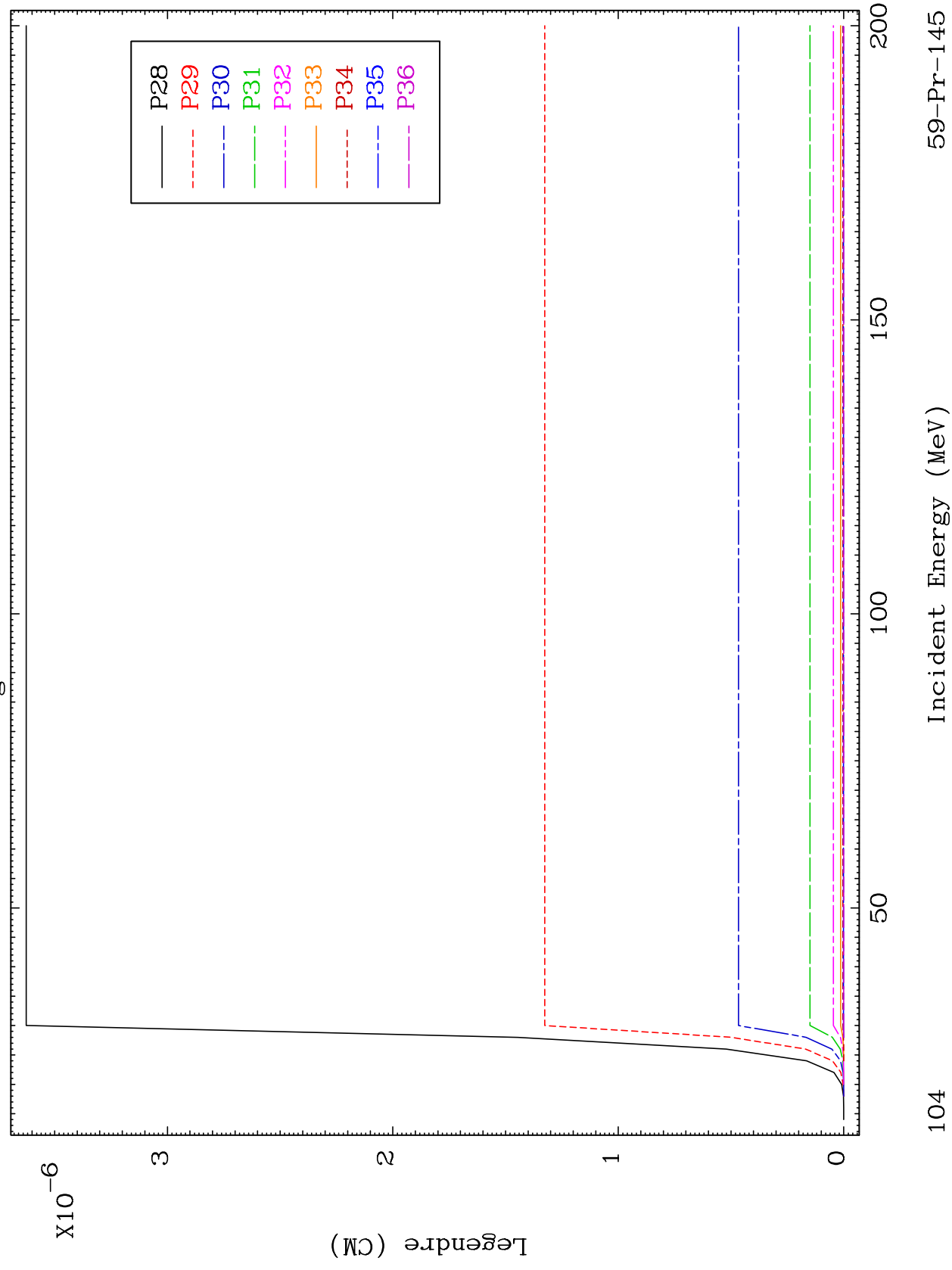




MAT 5937

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

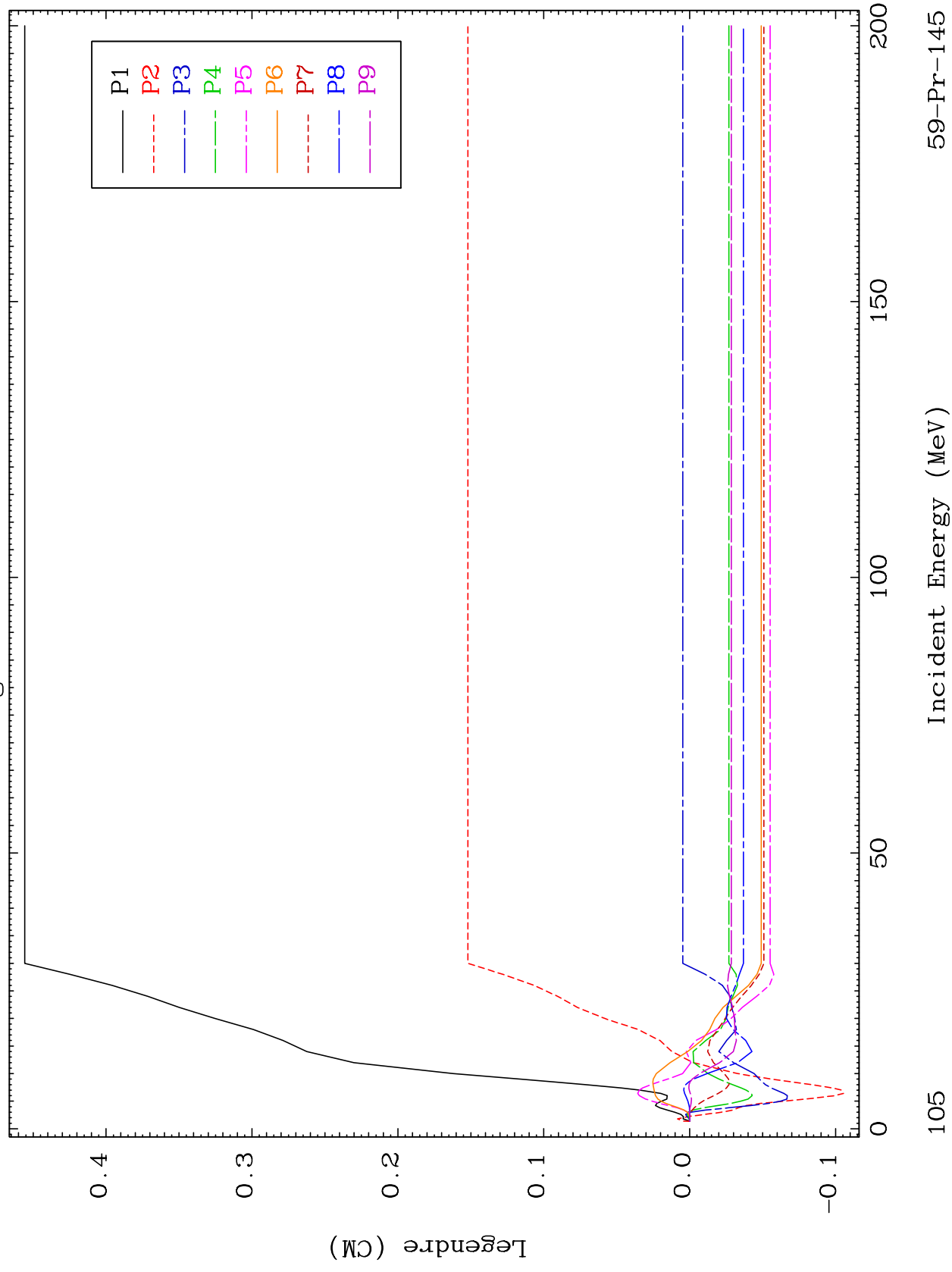
59-Pr-145



MAT 5937

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

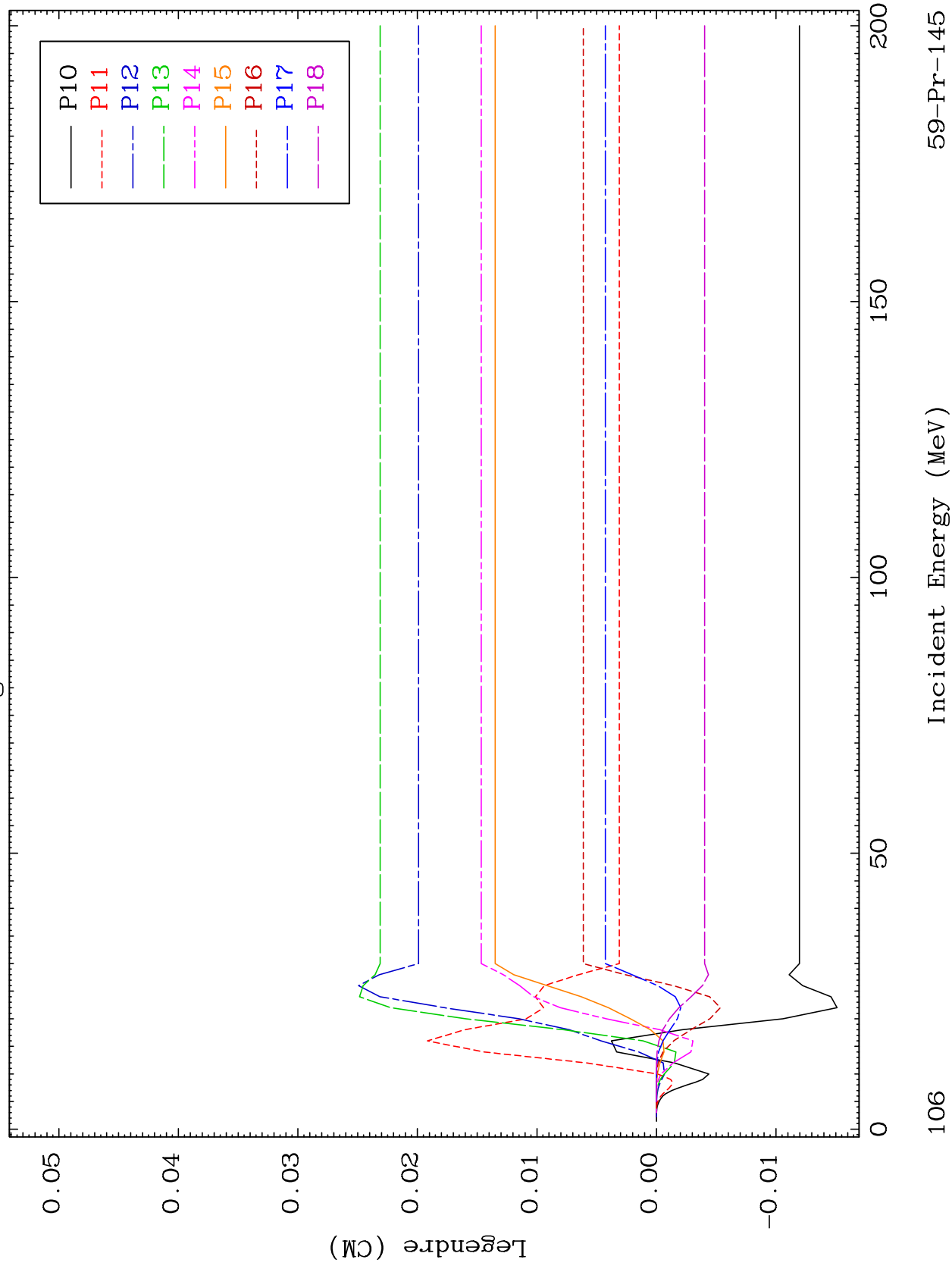
59-Pr-145



MAT 5937

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

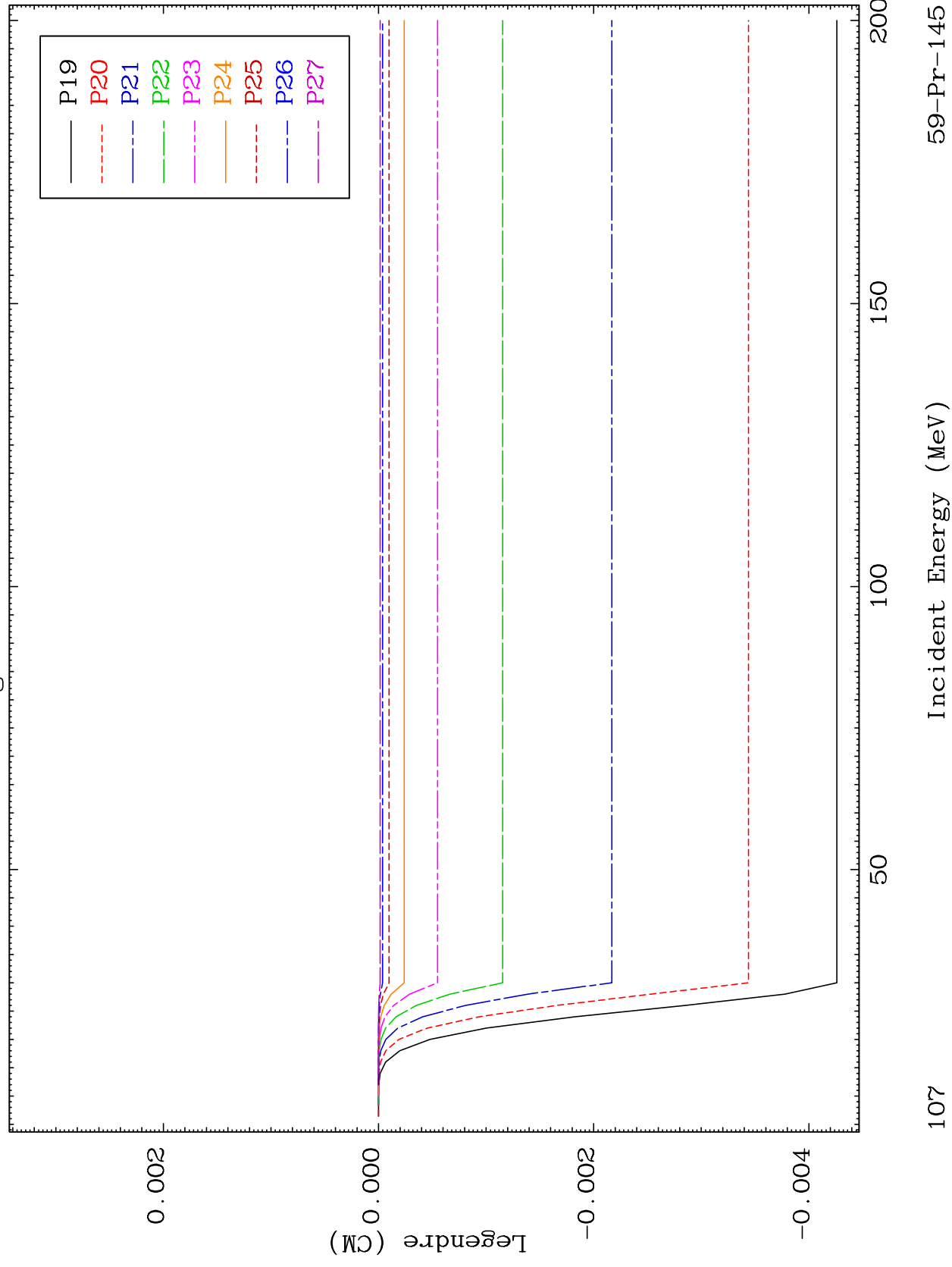
59-Pr-145

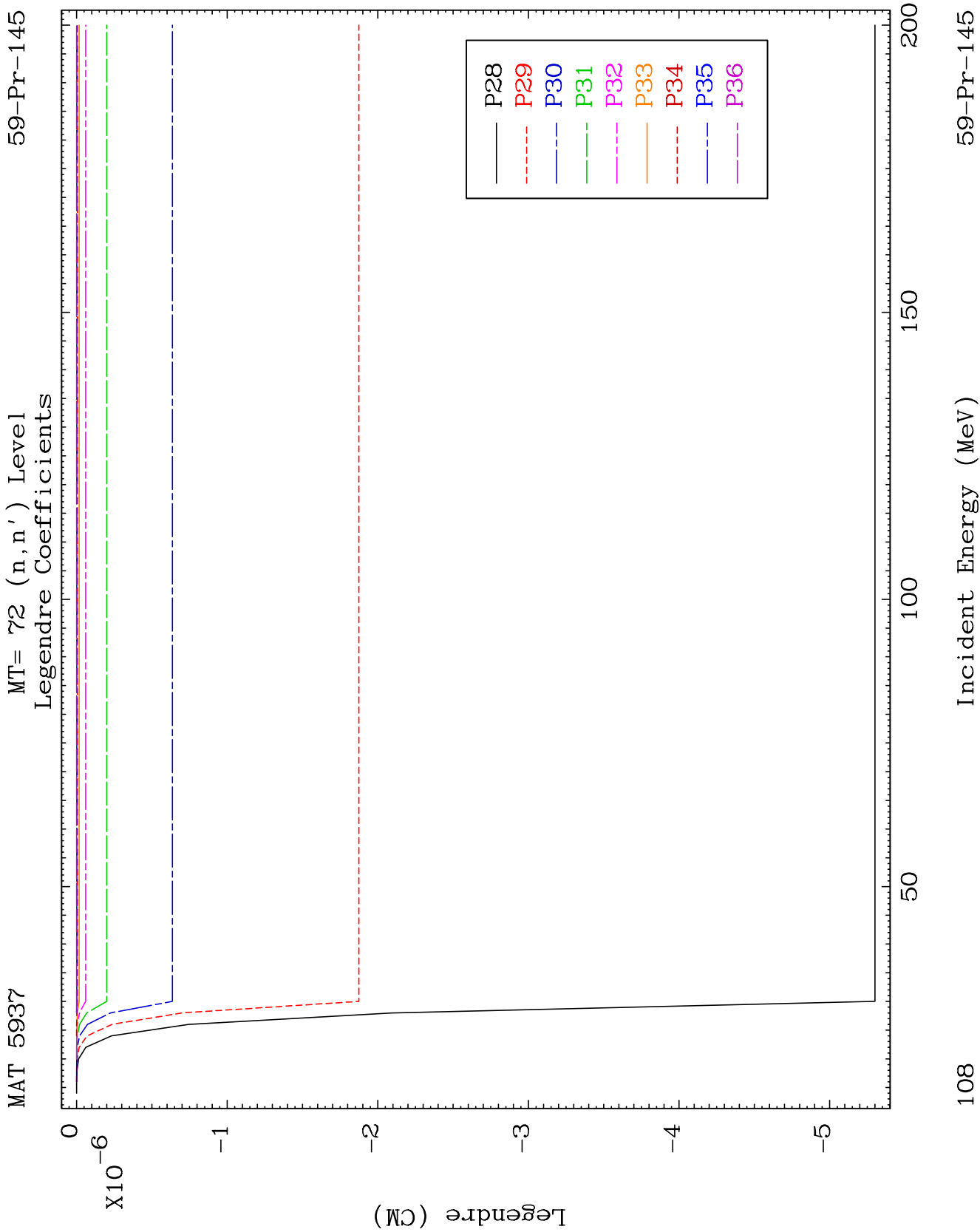


MAT 5937

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

59-Pr-145

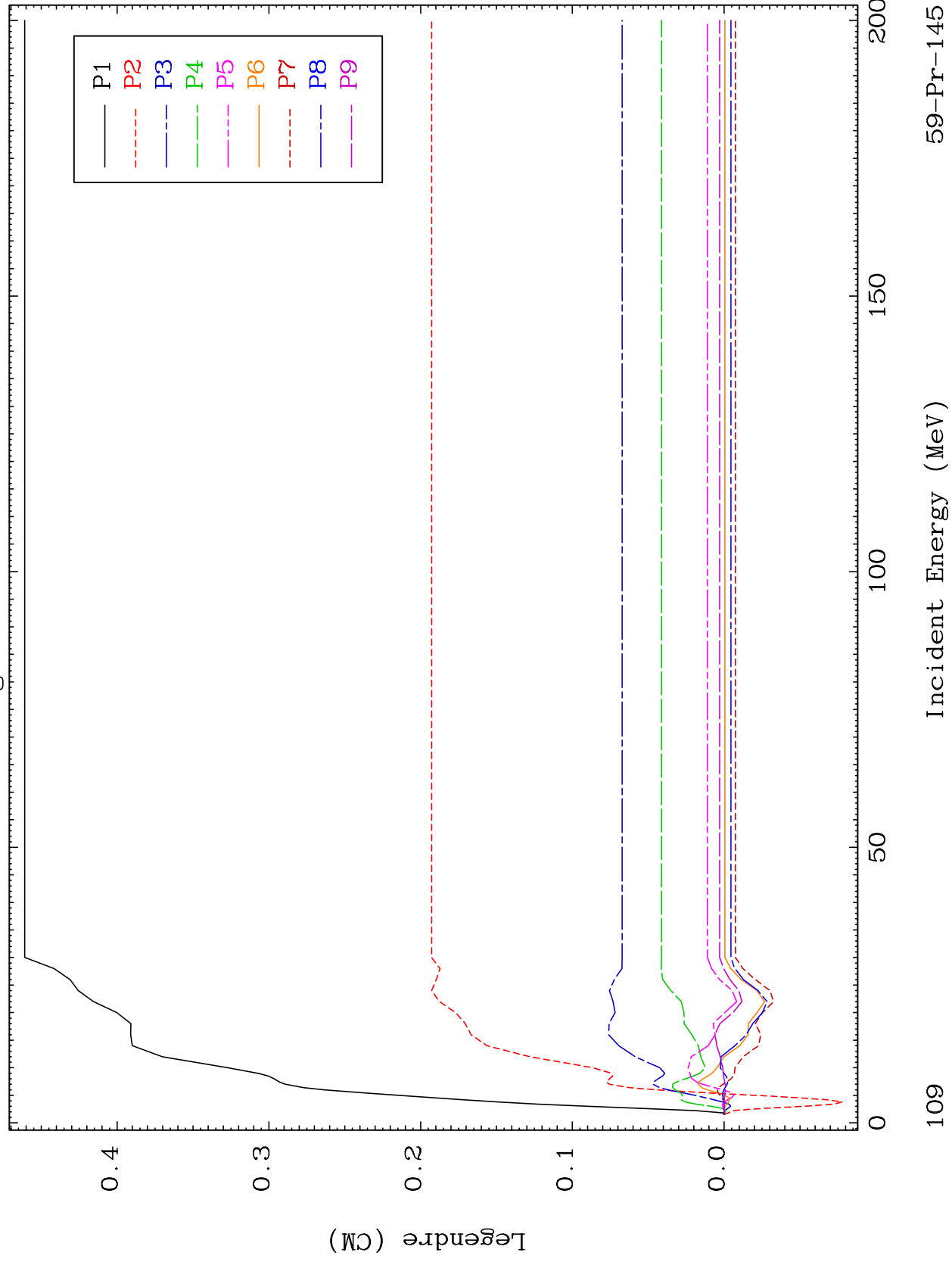




MAT 5937

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

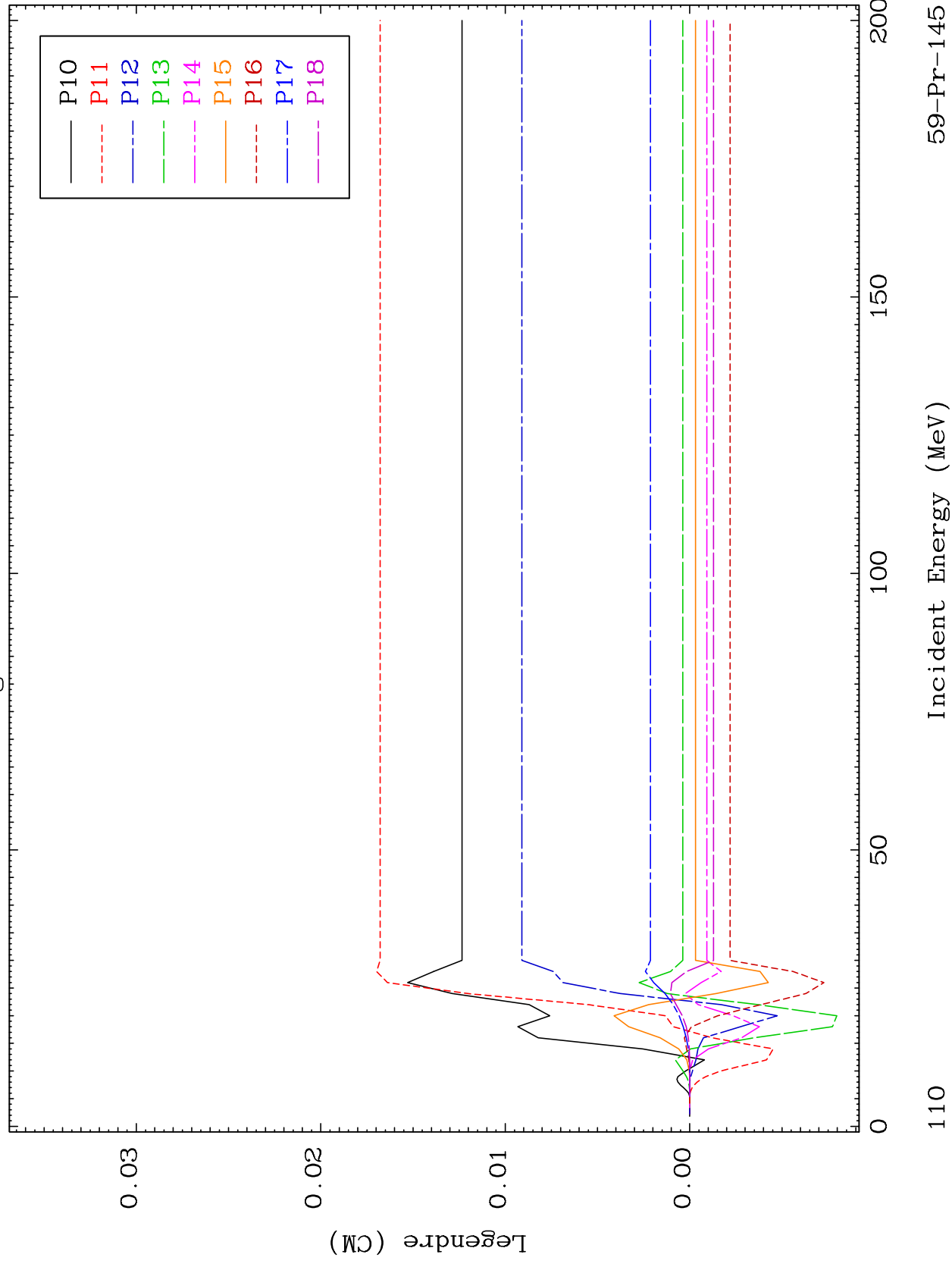
59-Pr-145



MAT 5937

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

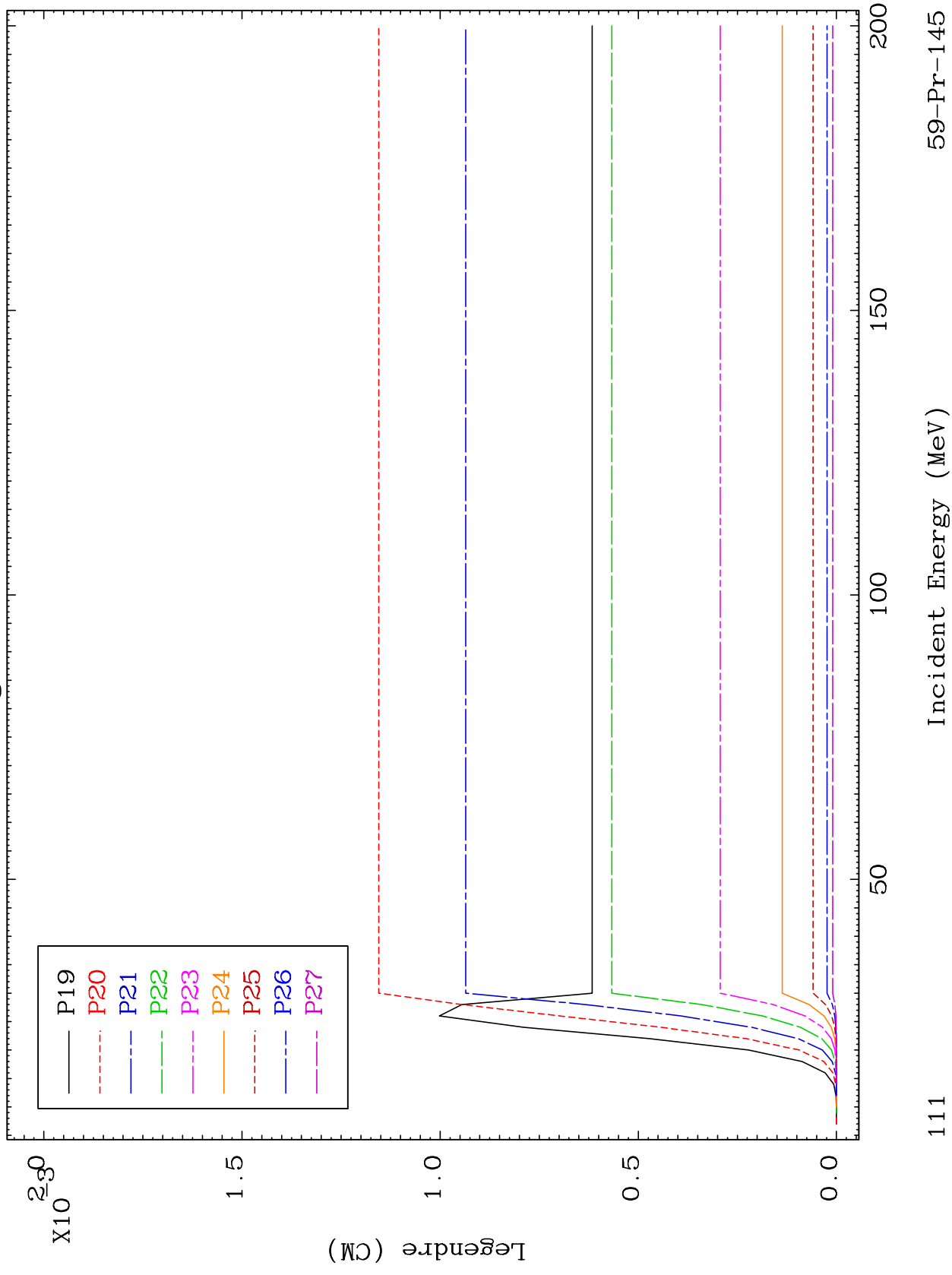
59-Pr-145

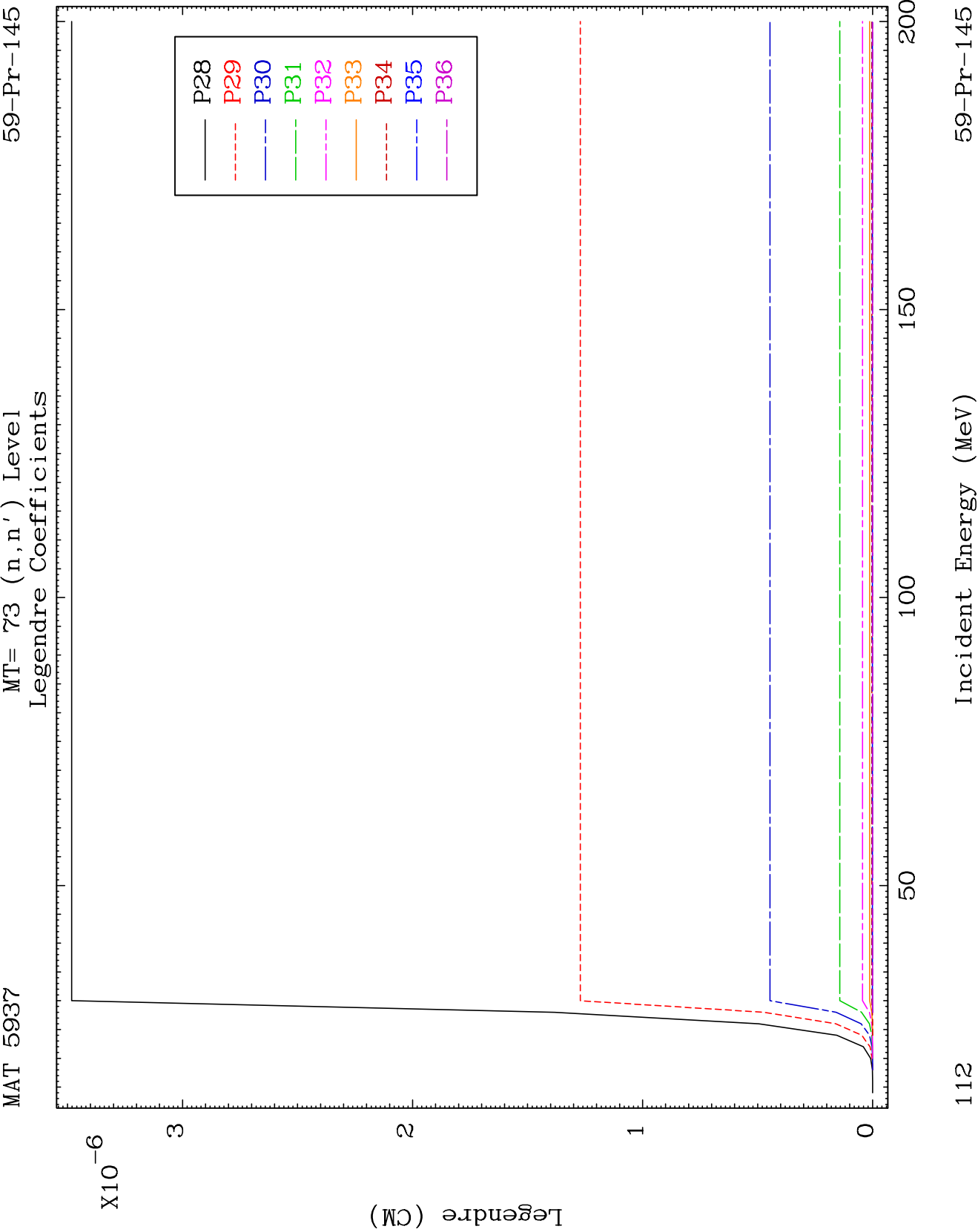


MAT 5937

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

59-Pr-145

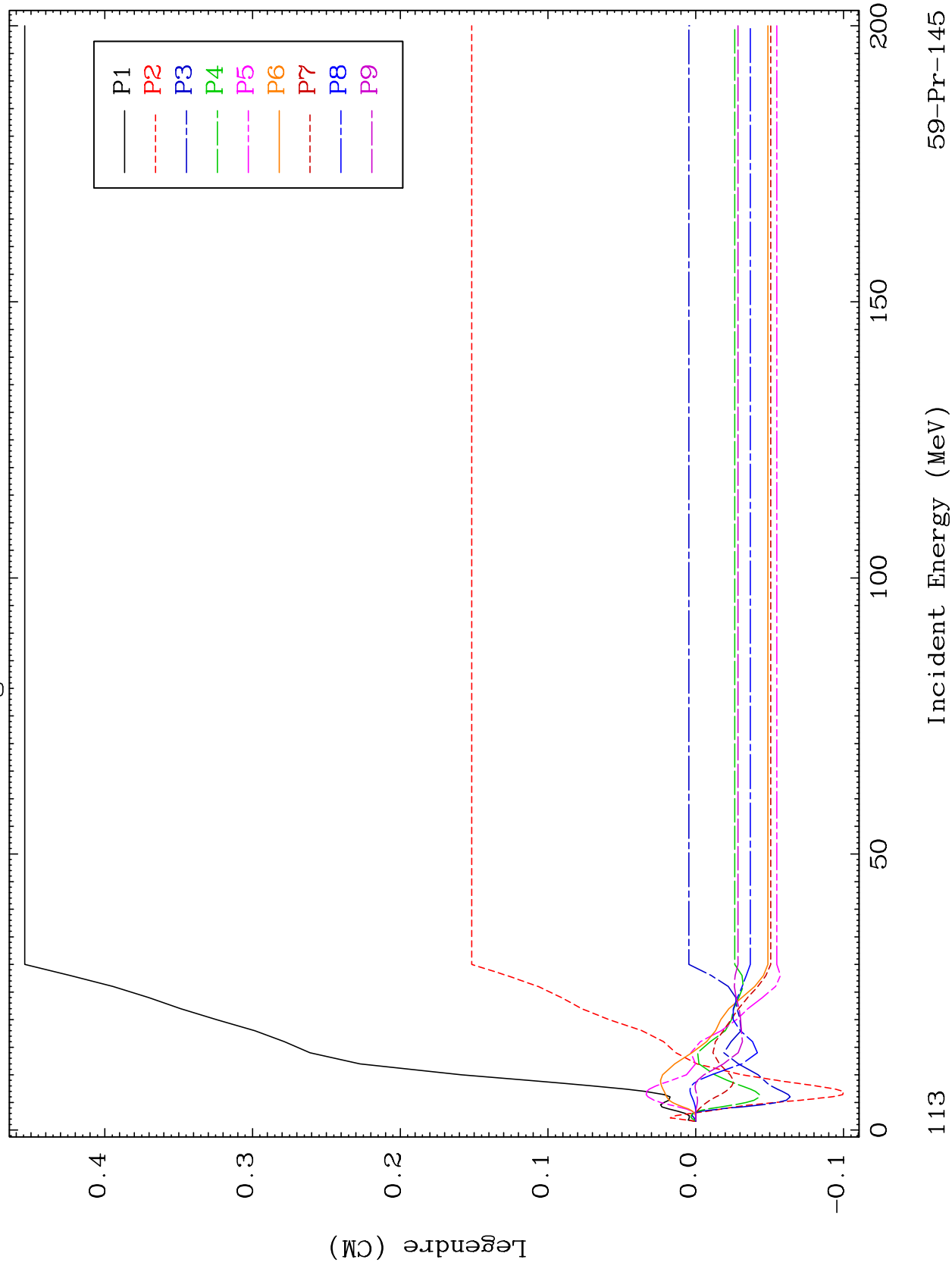




MAT 5937

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

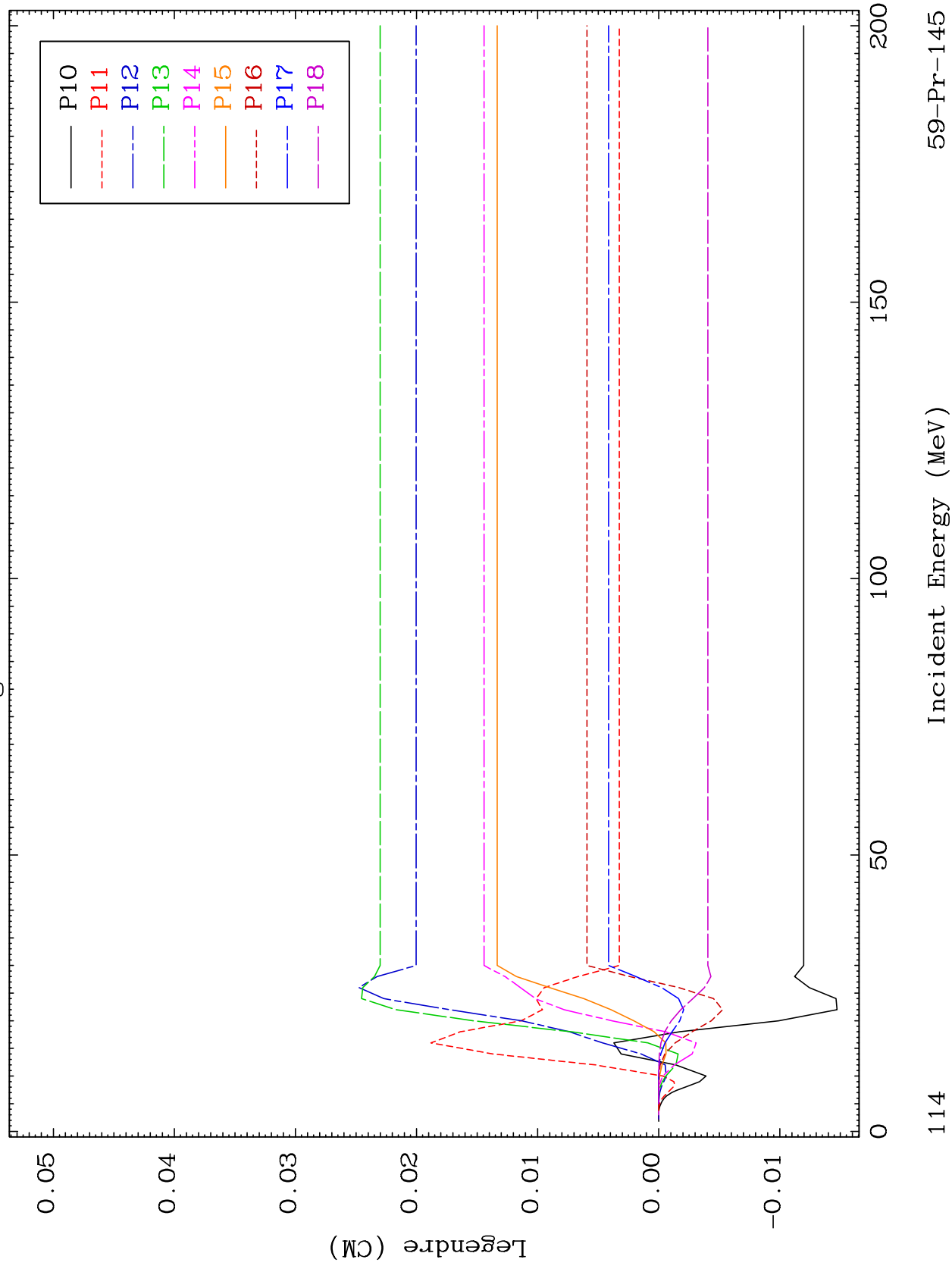
59-Pr-145

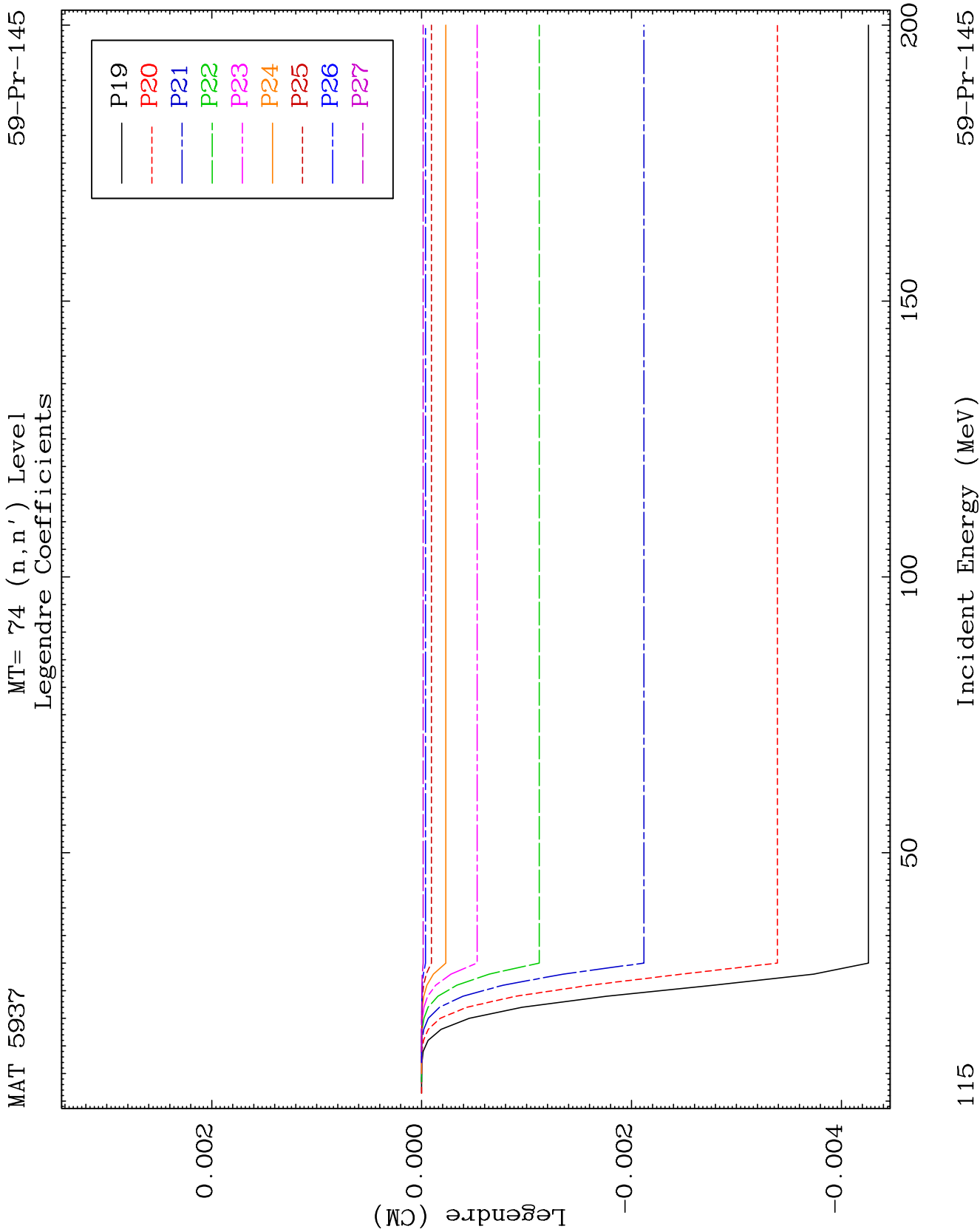


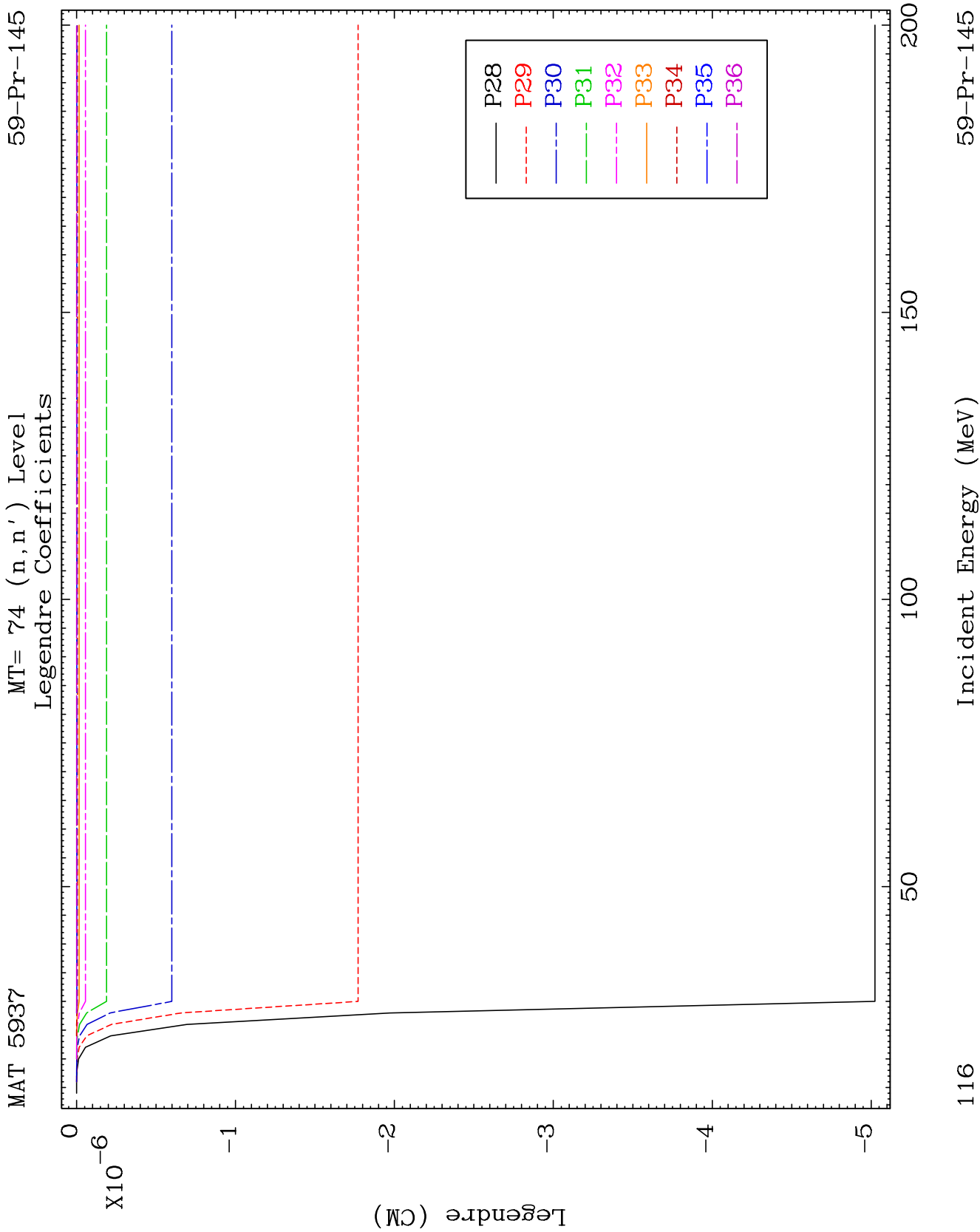
MAT 5937

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

59-Pr-145



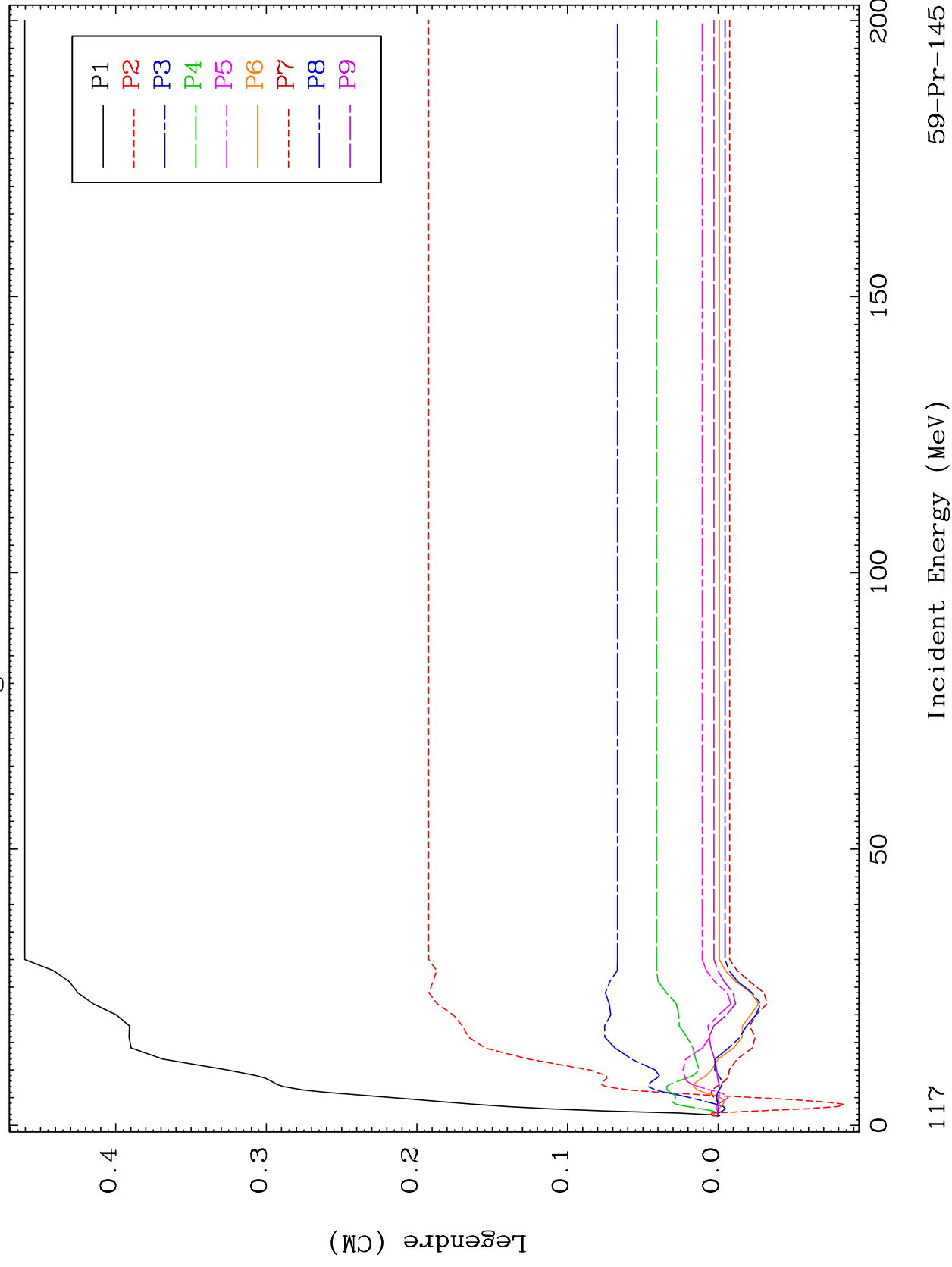




MAT 5937

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

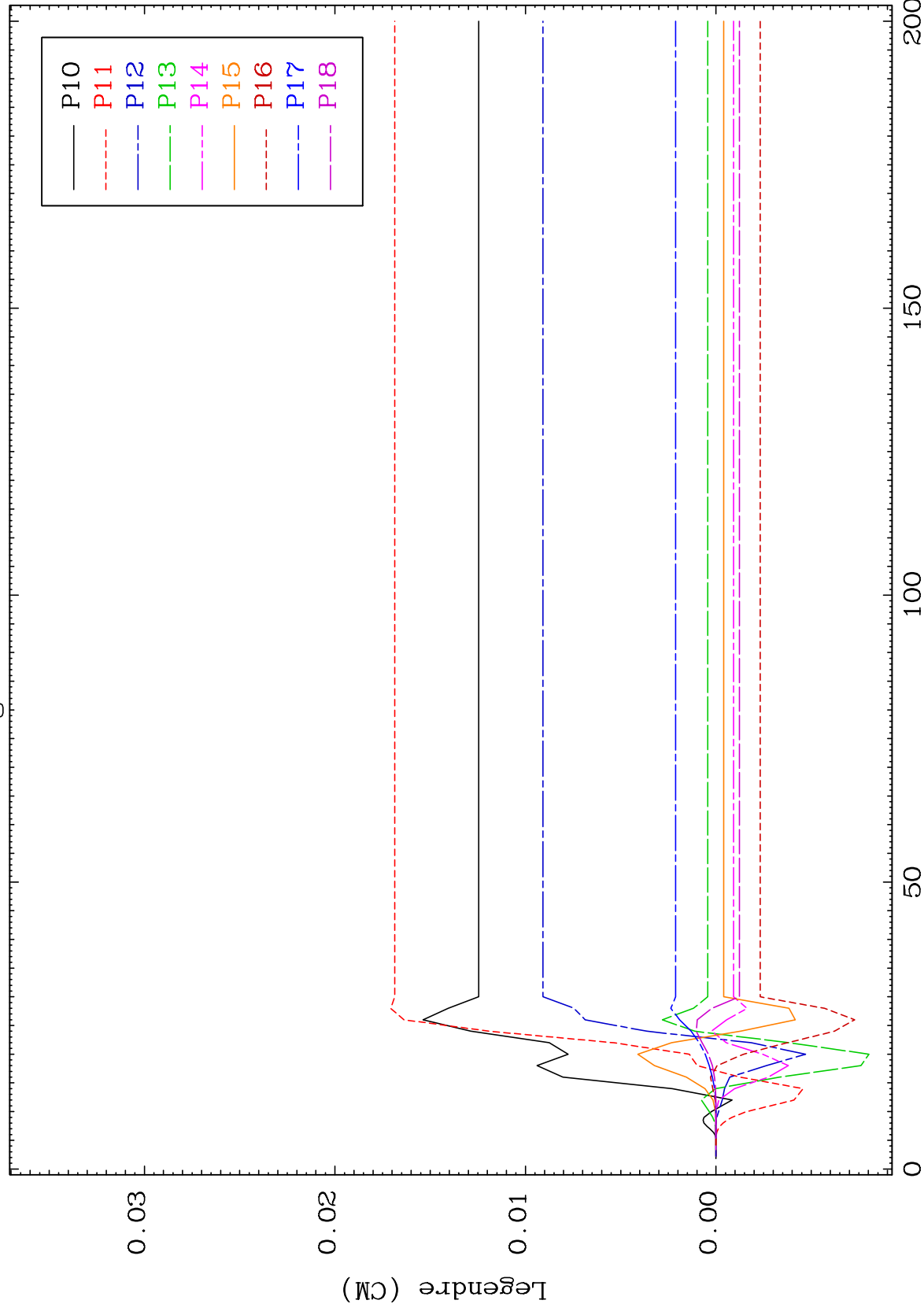
59-Pr-145



MAT 5937

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

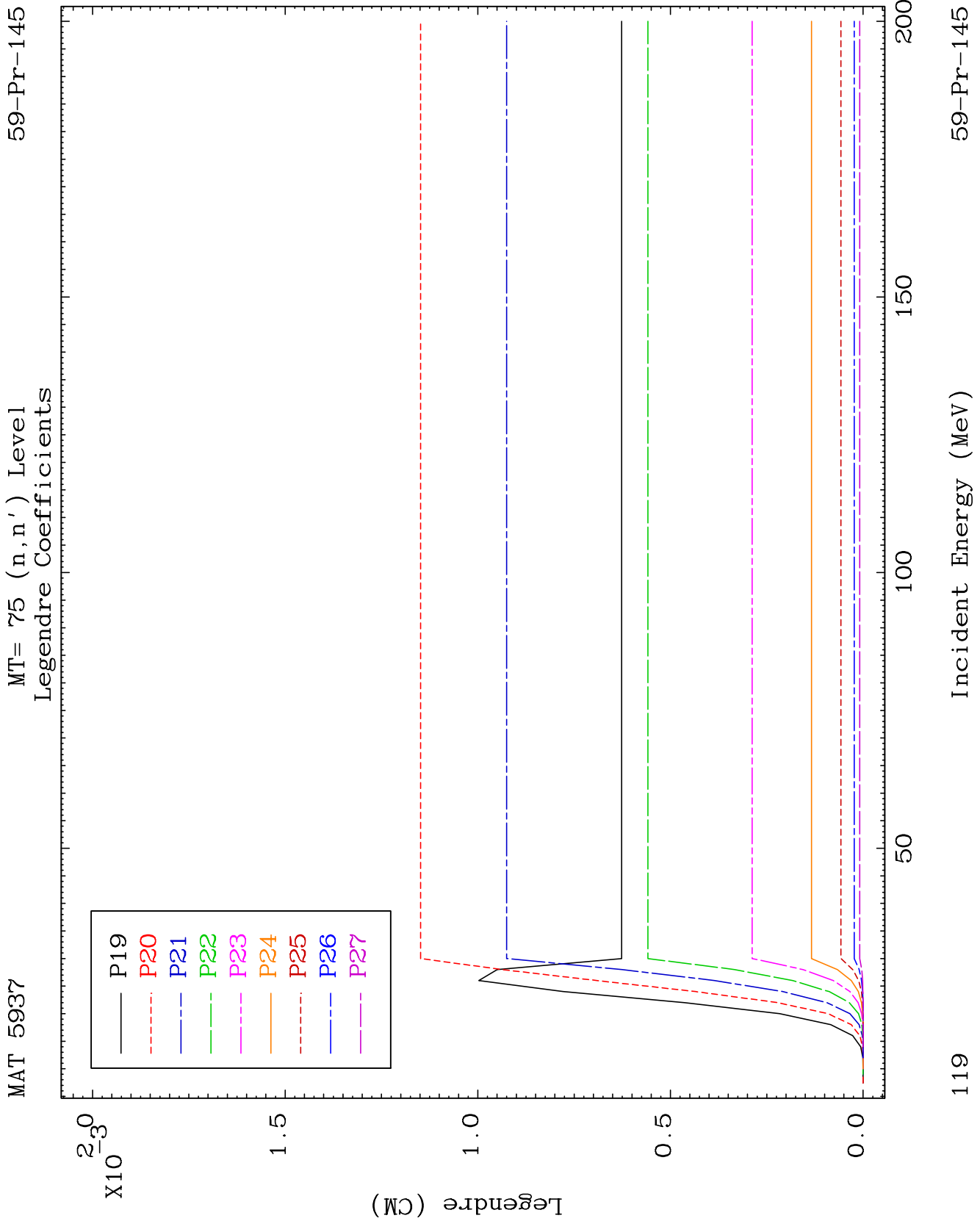
59-Pr-145

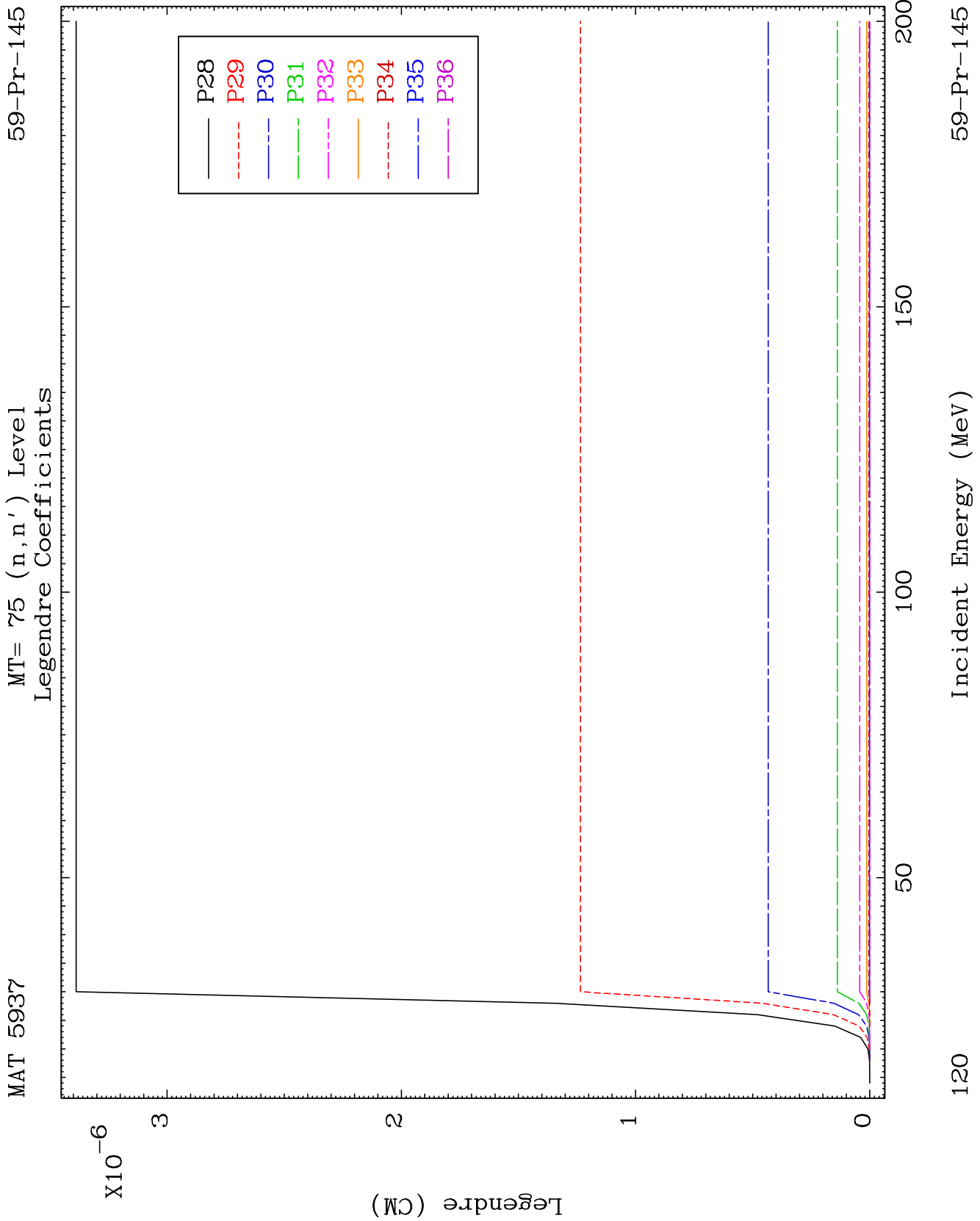


118

Incident Energy (MeV)

59-Pr-145

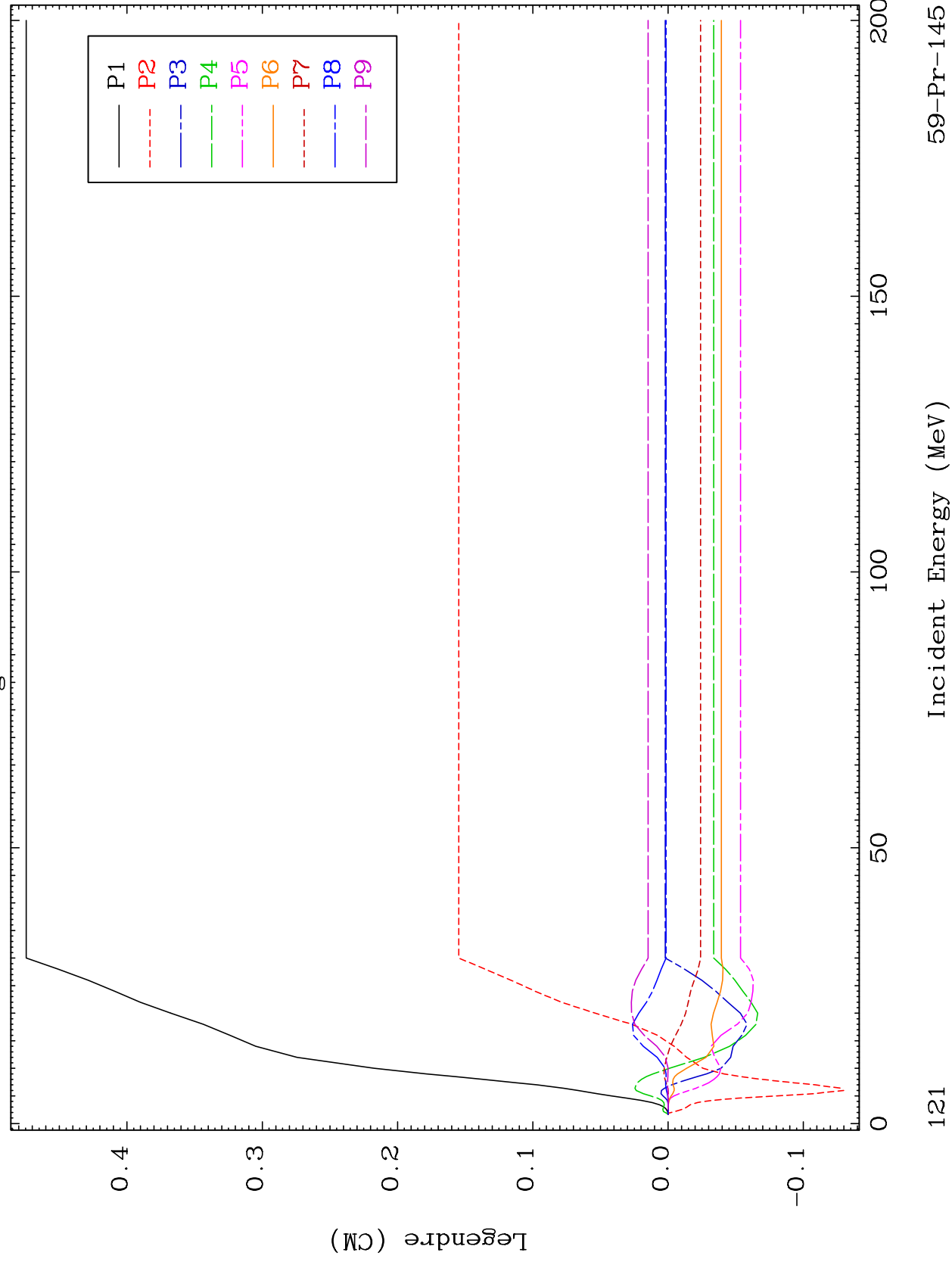


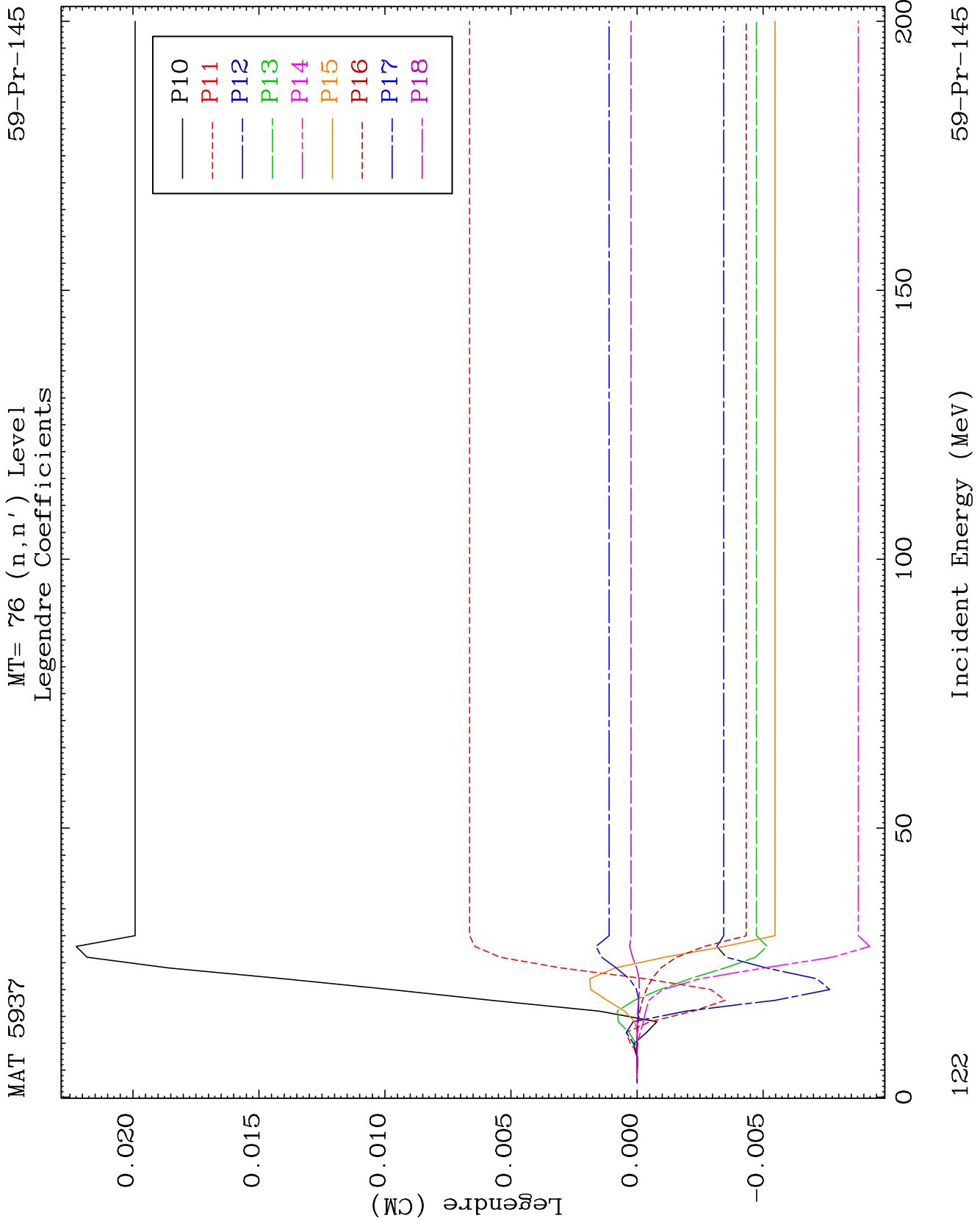


MAT 5937

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

59-Pr-145

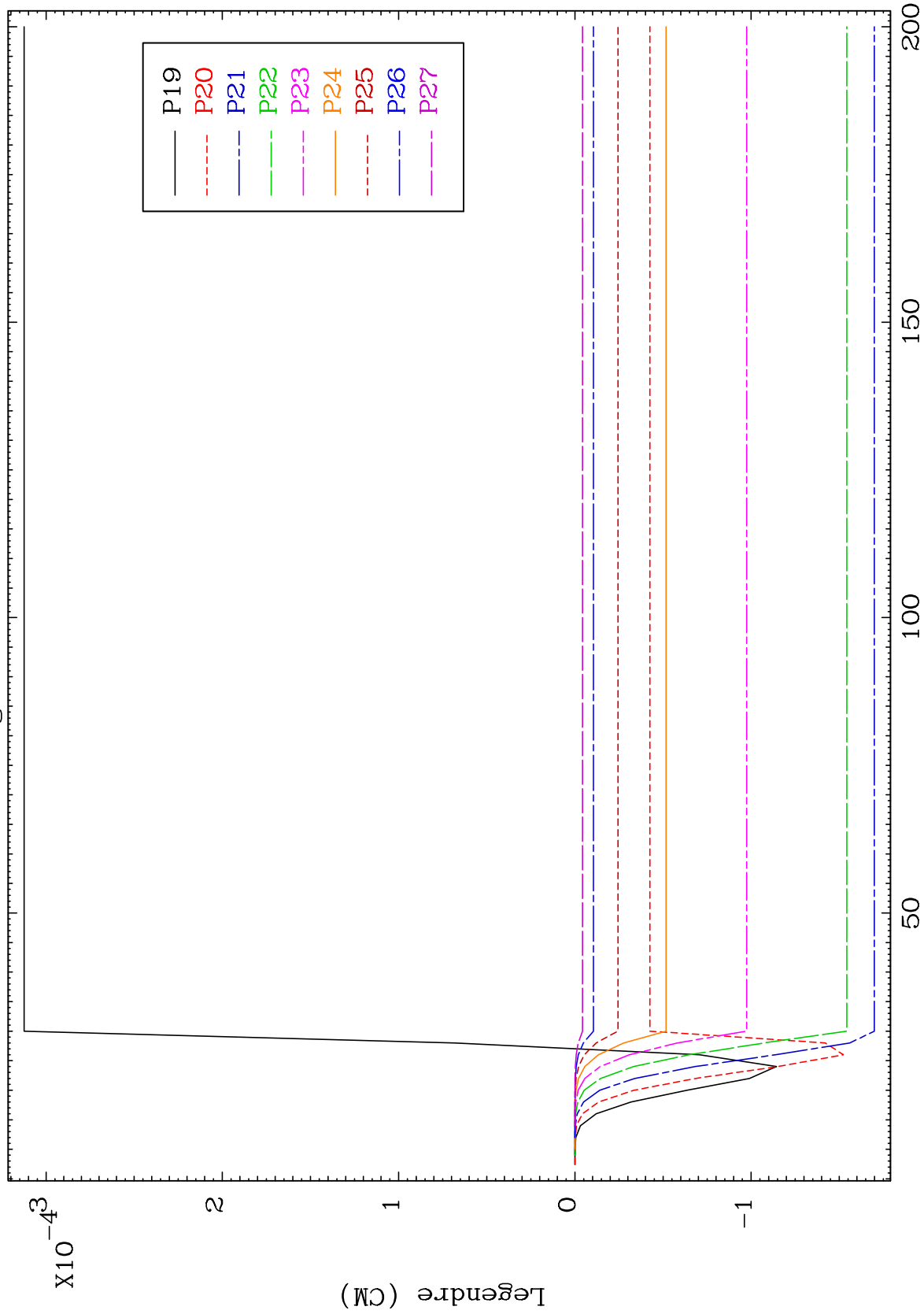




MAT 5937

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

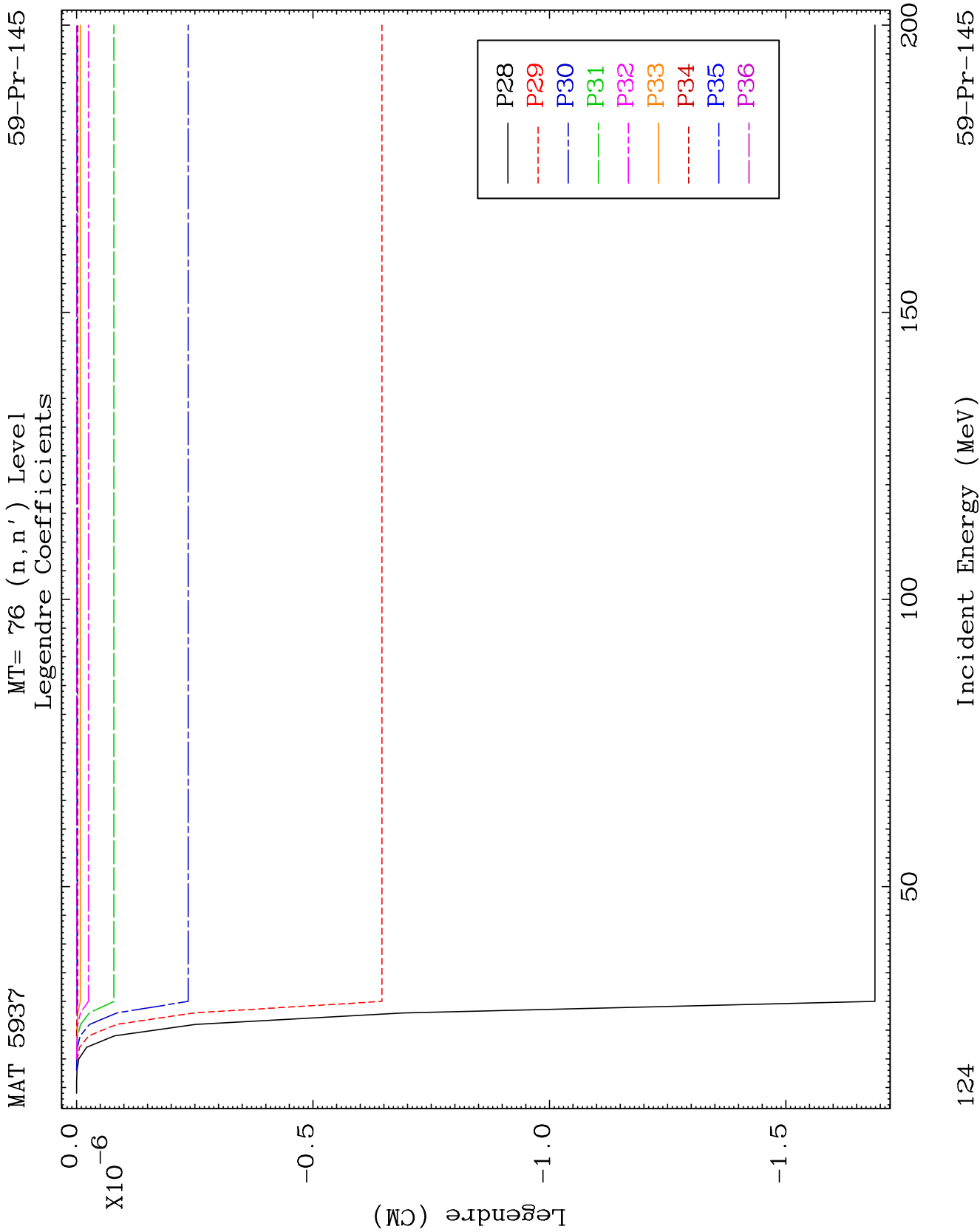
59-Pr-145



123

Incident Energy (MeV)

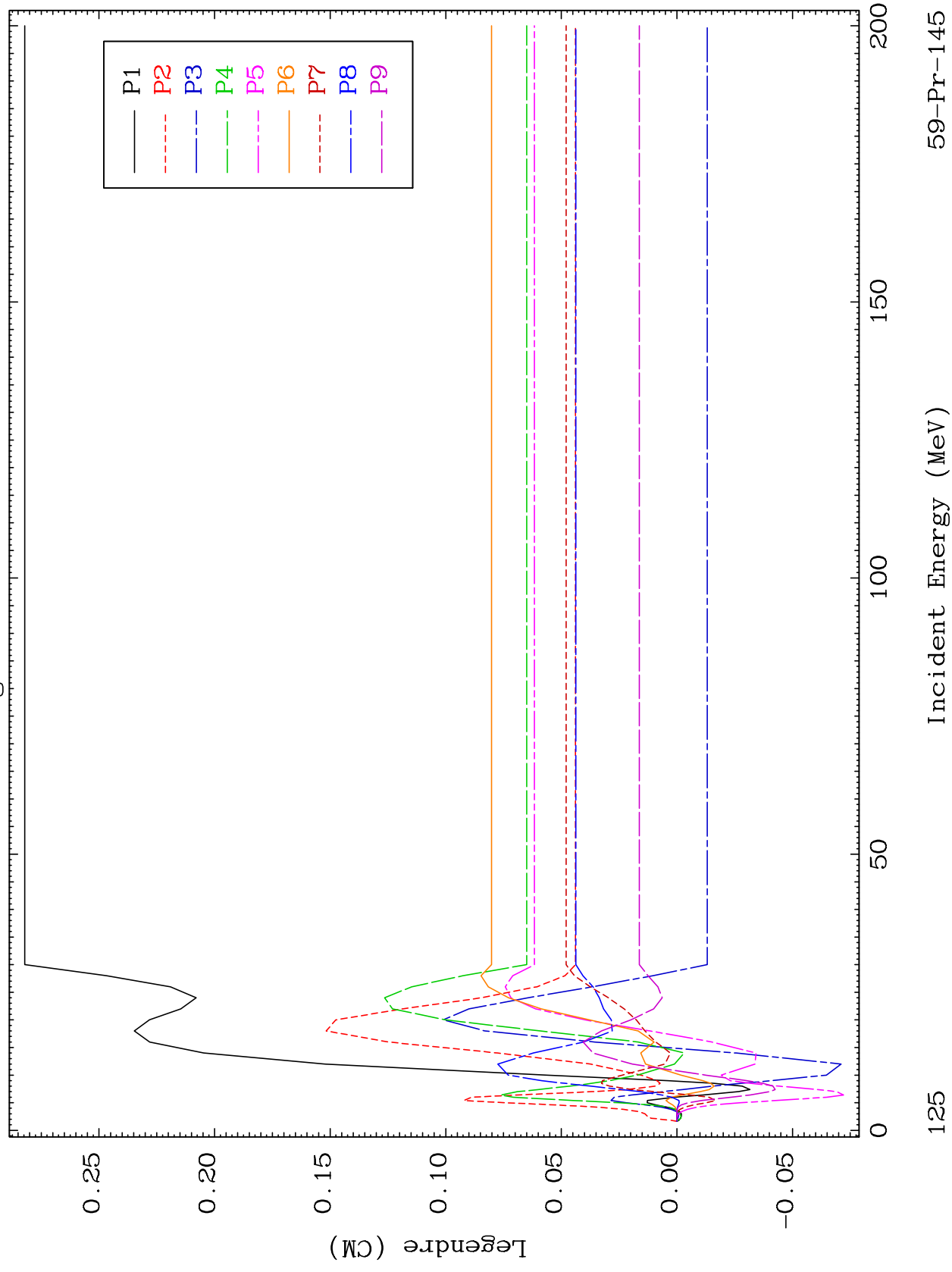
59-Pr-145



MAT 5937

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

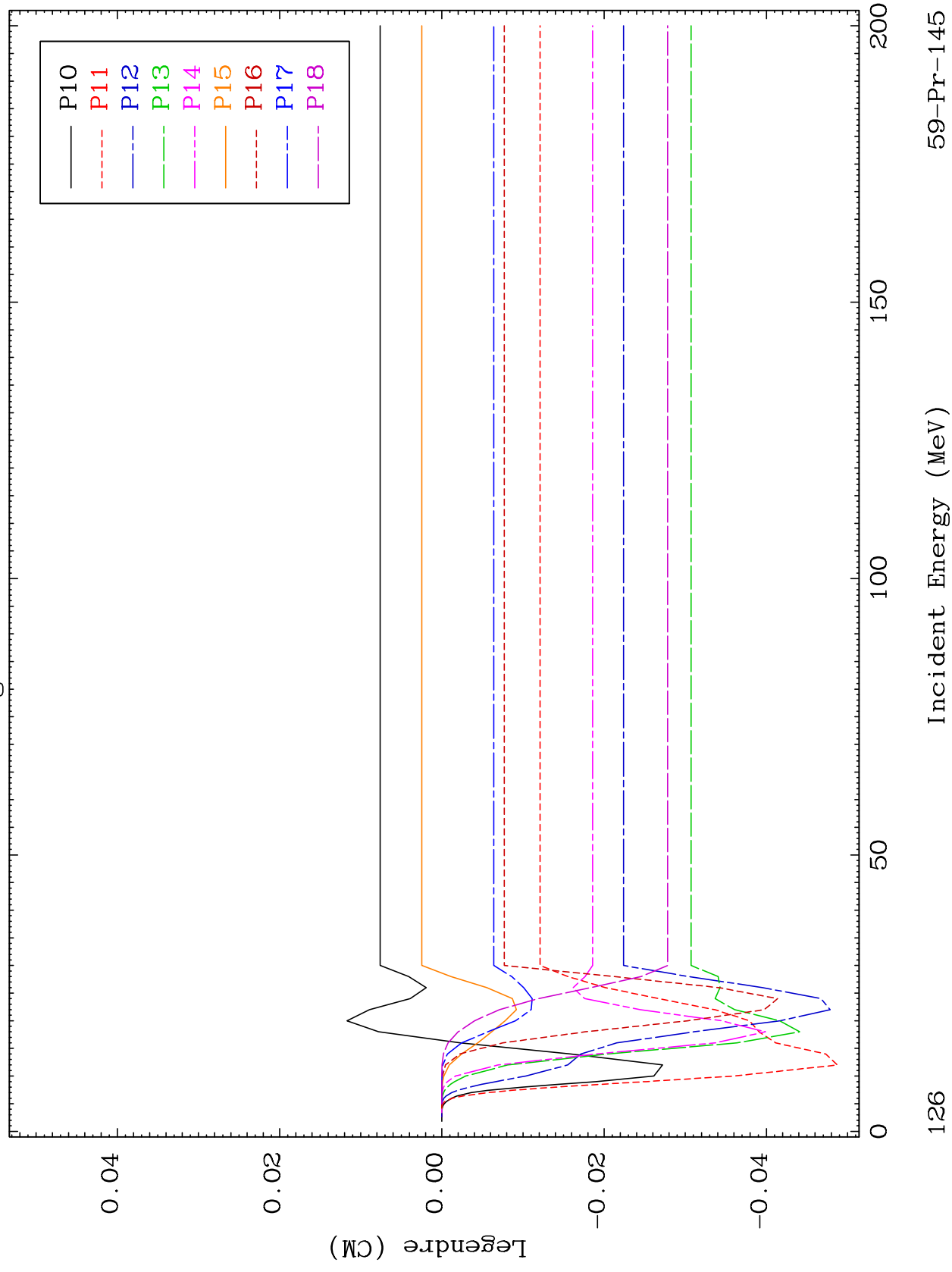
59-Pr-145



MAT 5937

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

59-Pr-145

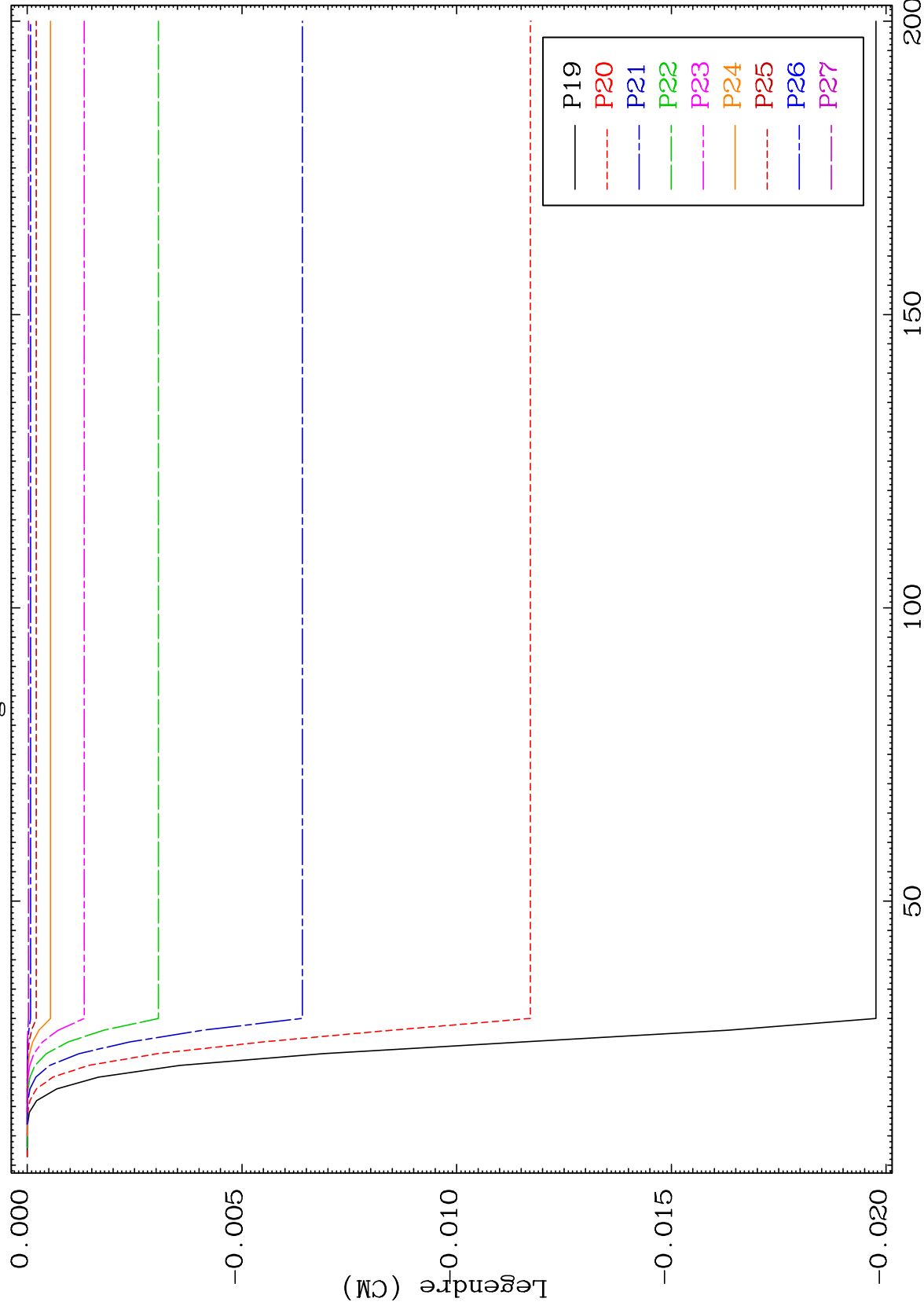


MAT 5937

$$\text{MT} = \gamma \gamma (n, n') \text{ Level}$$

59-Pr-145

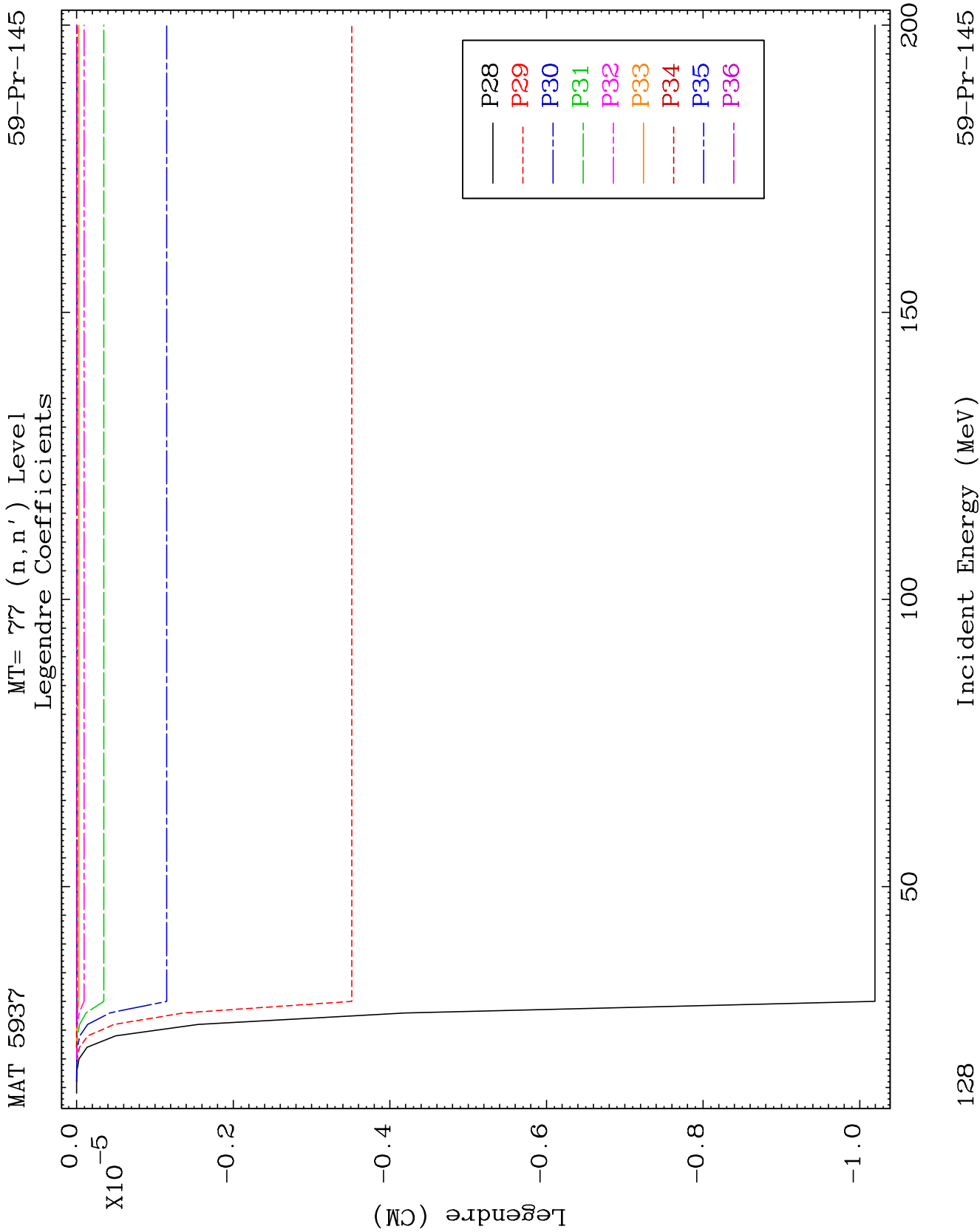
Legendre Coefficients



127

Incident Energy (MeV)

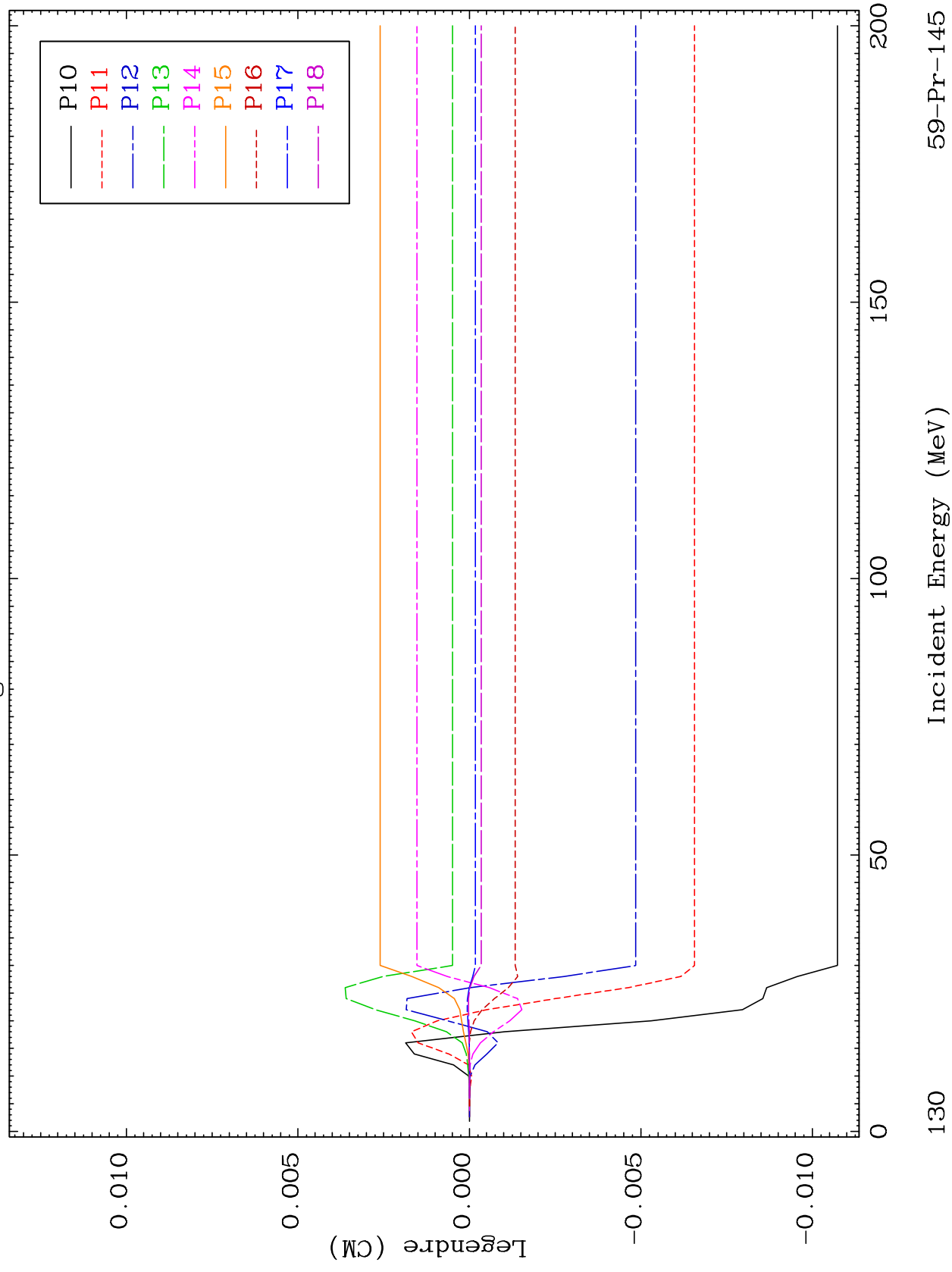
59-Pr-145

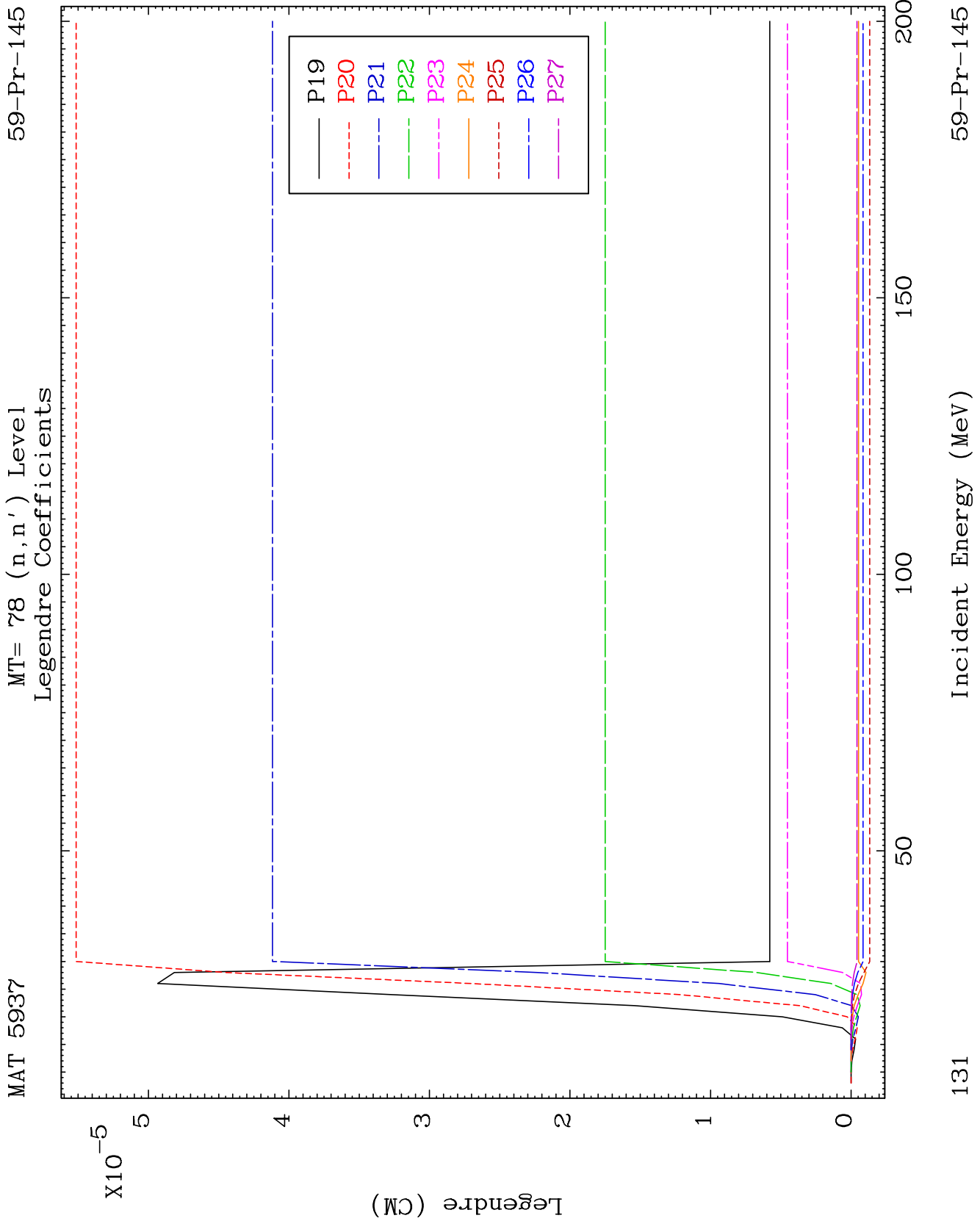


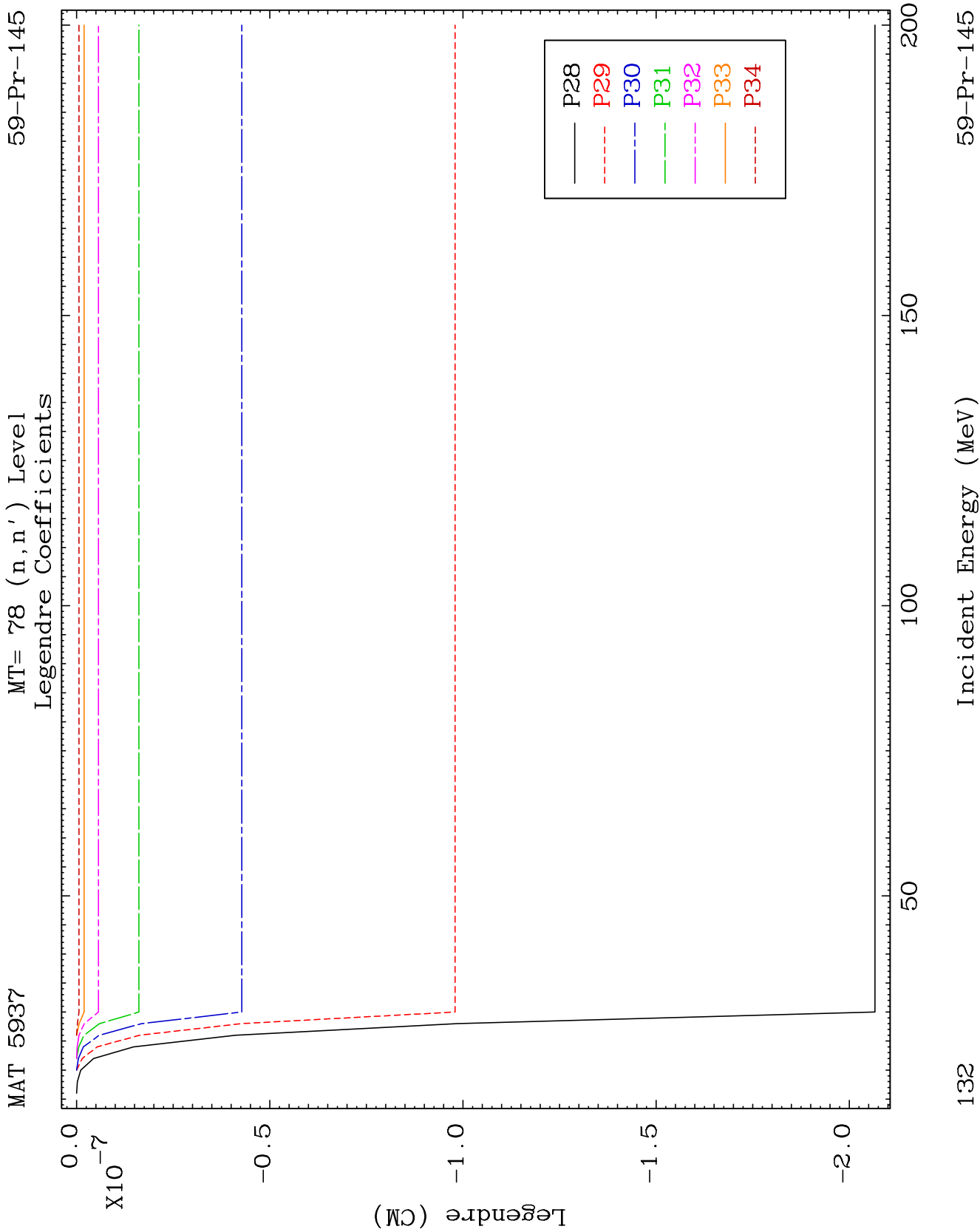
MAT 5937

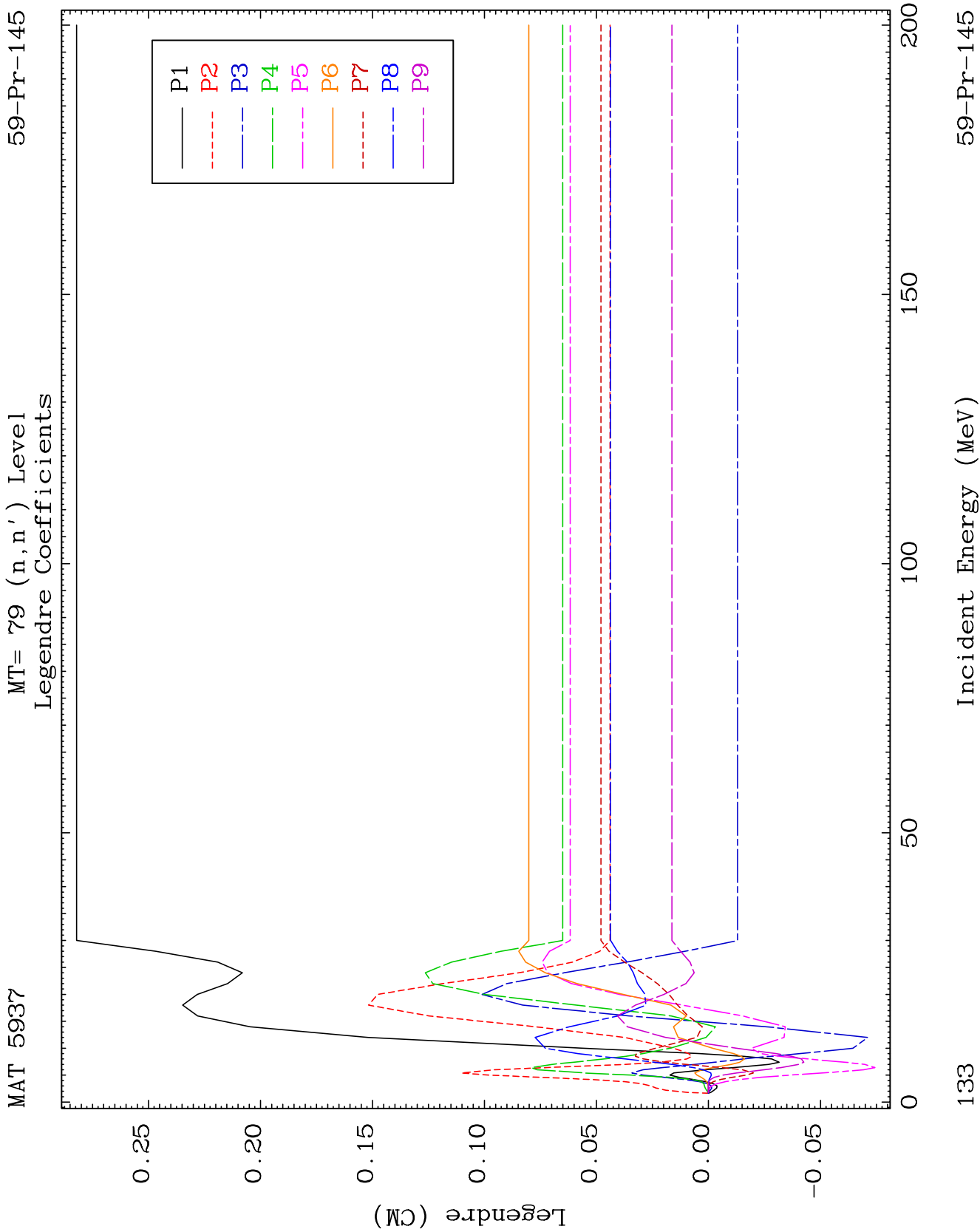
MT= 78 (n, n') Level
Legendre Coefficients

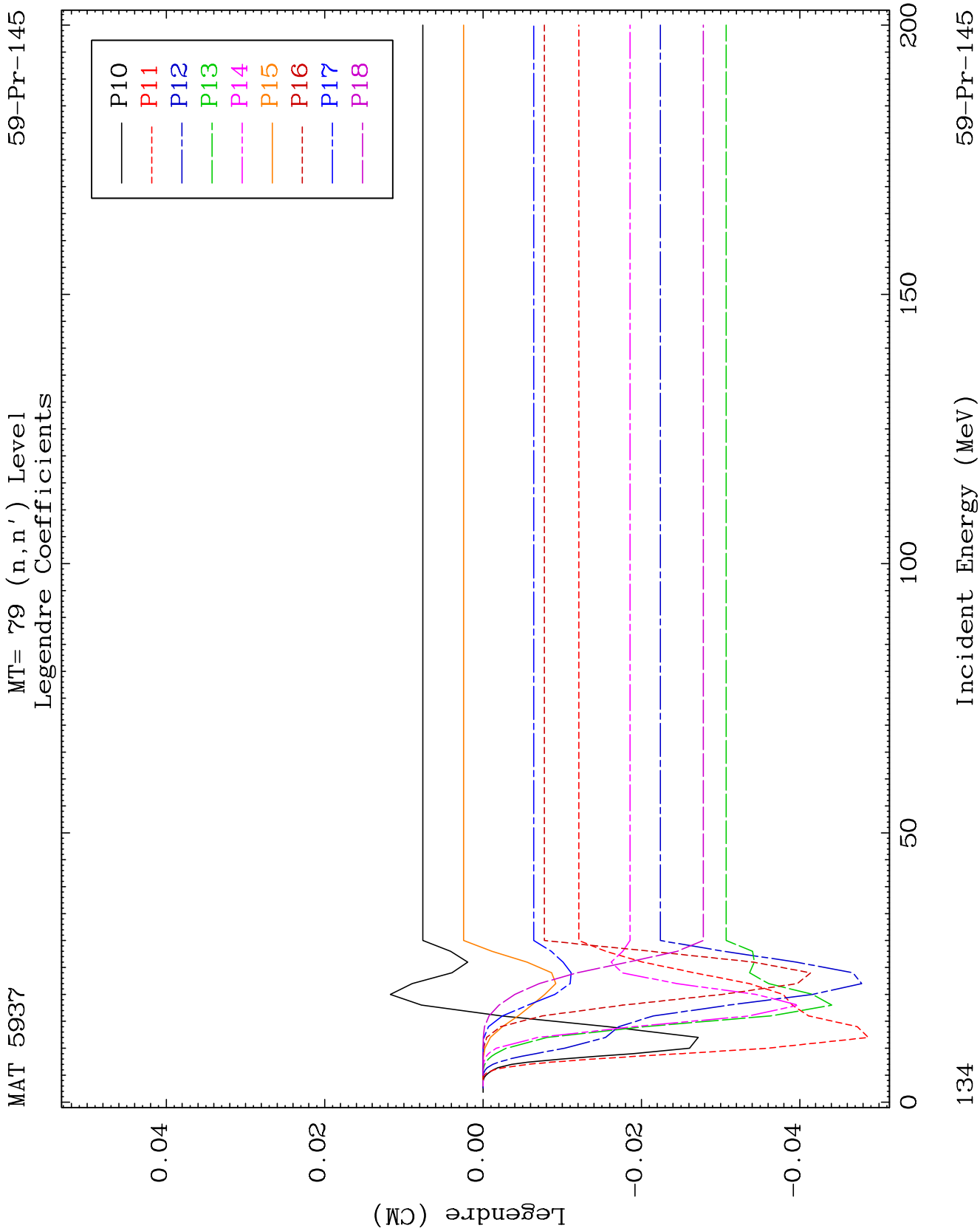
59-Pr-145

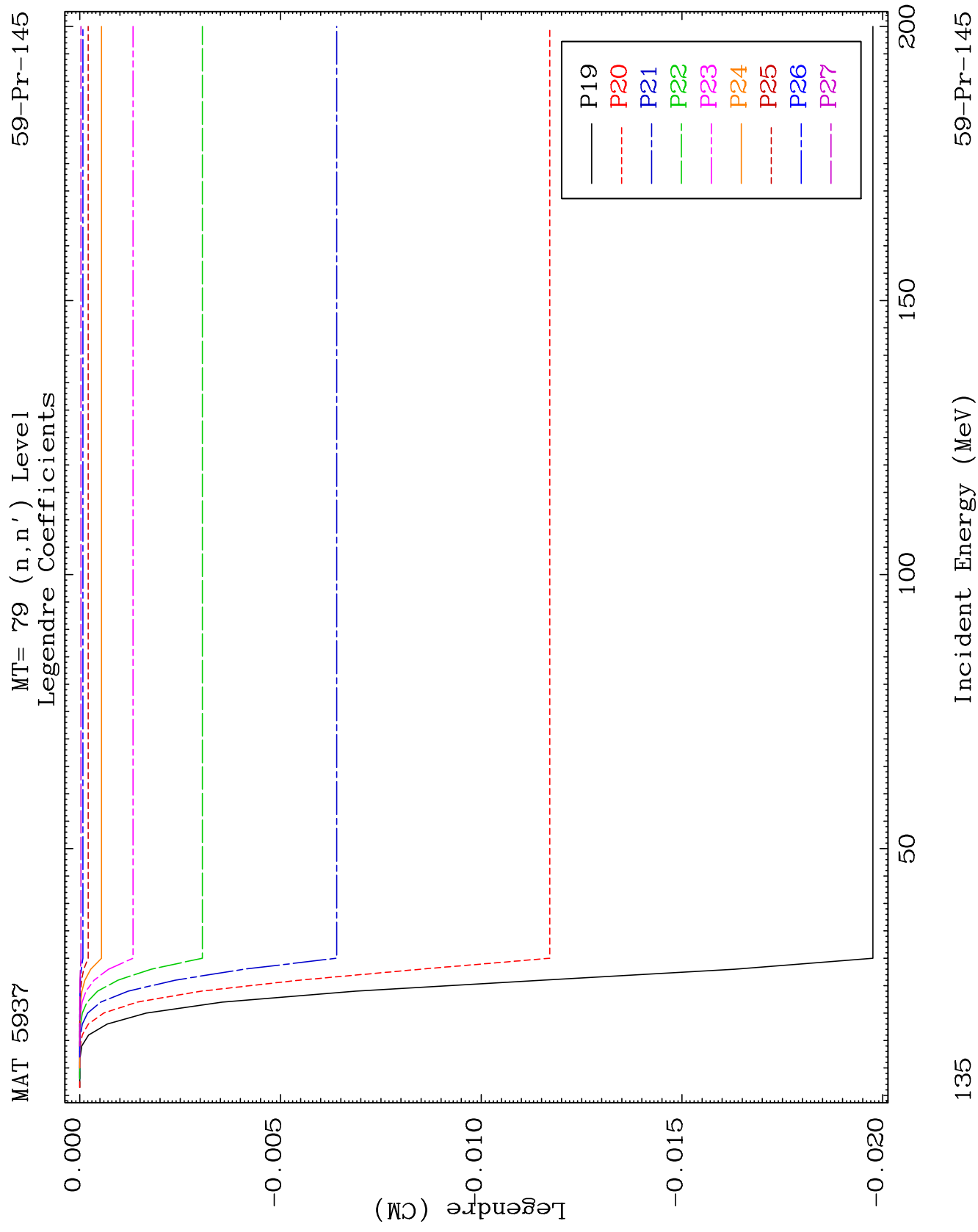


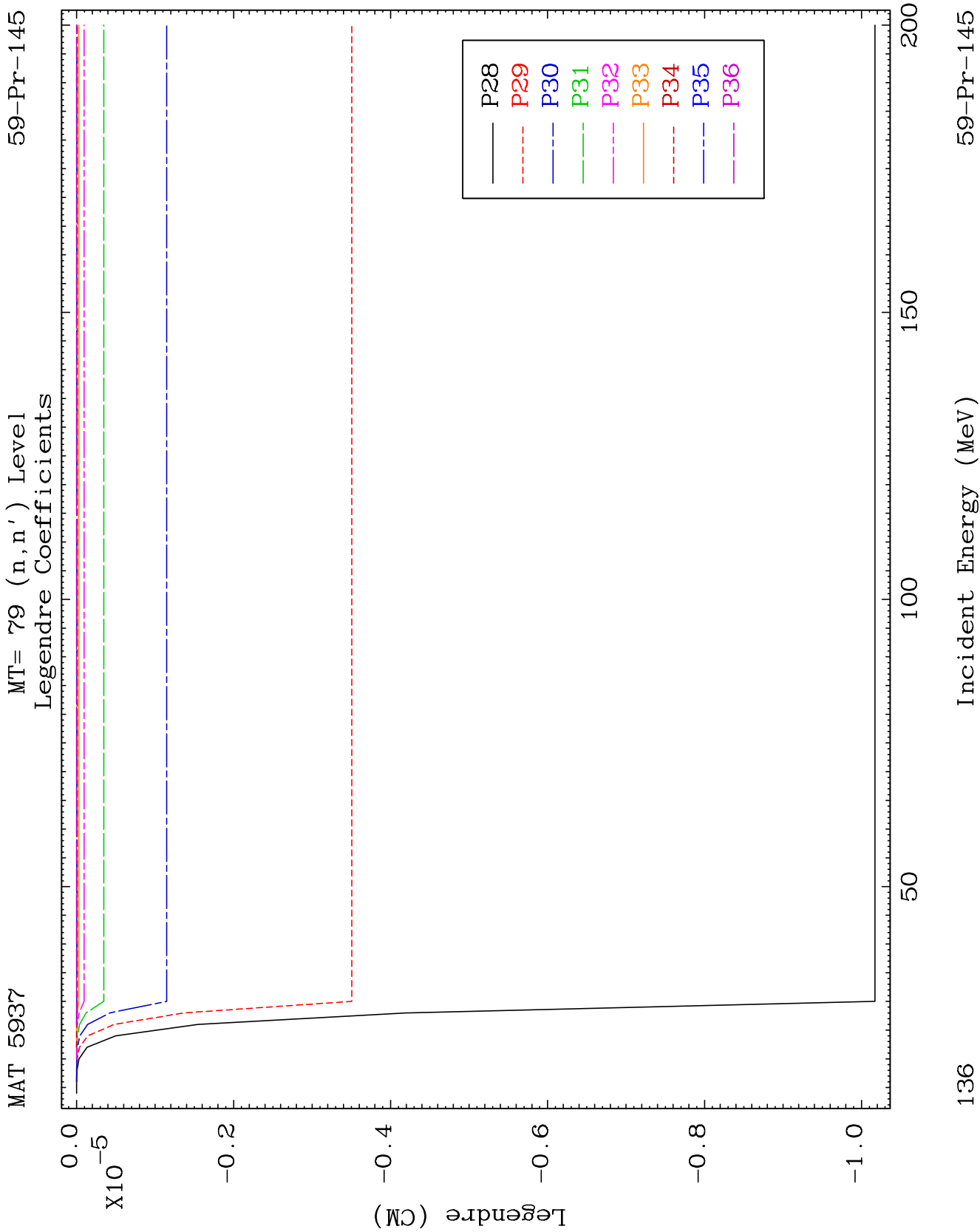








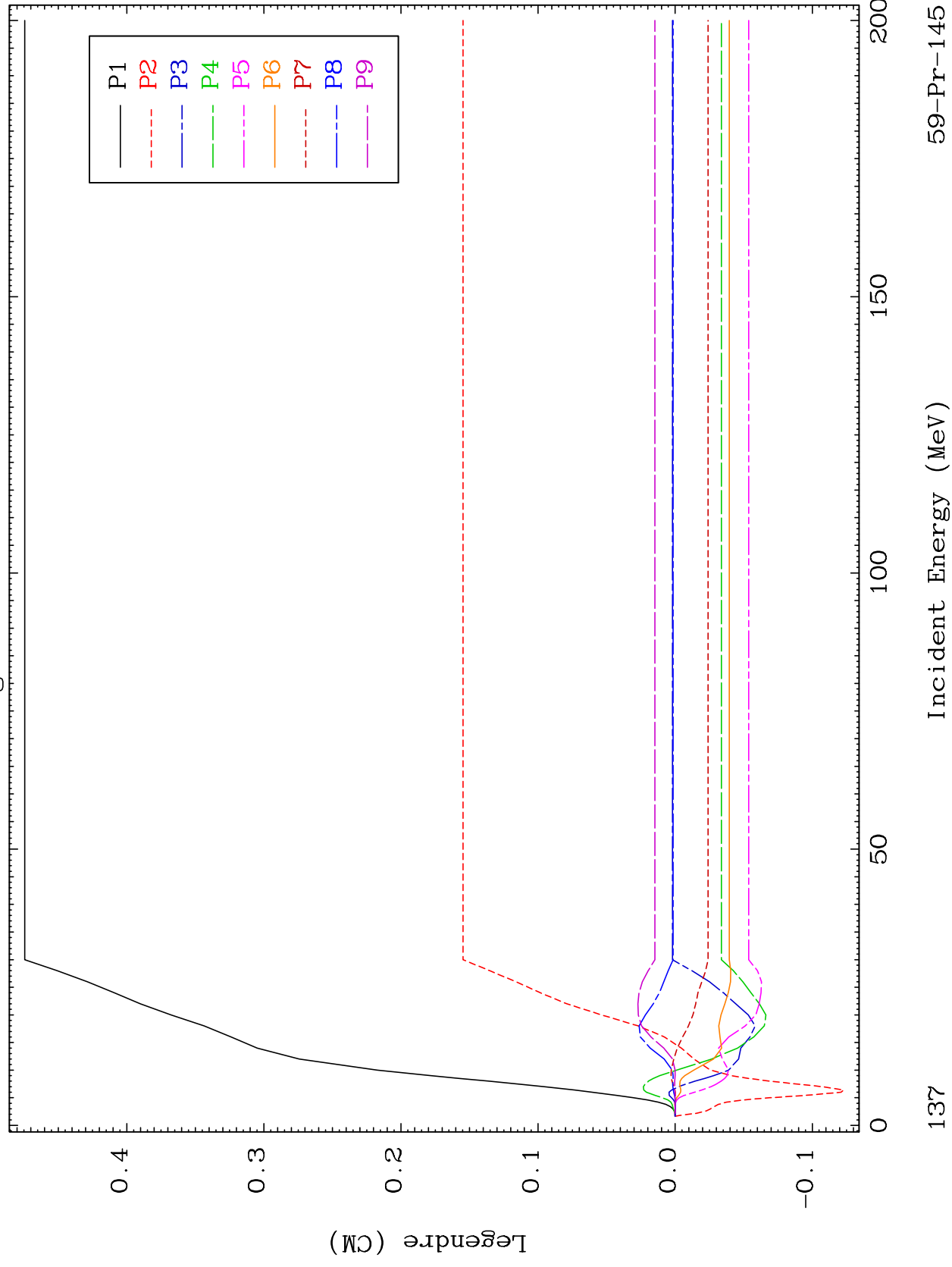


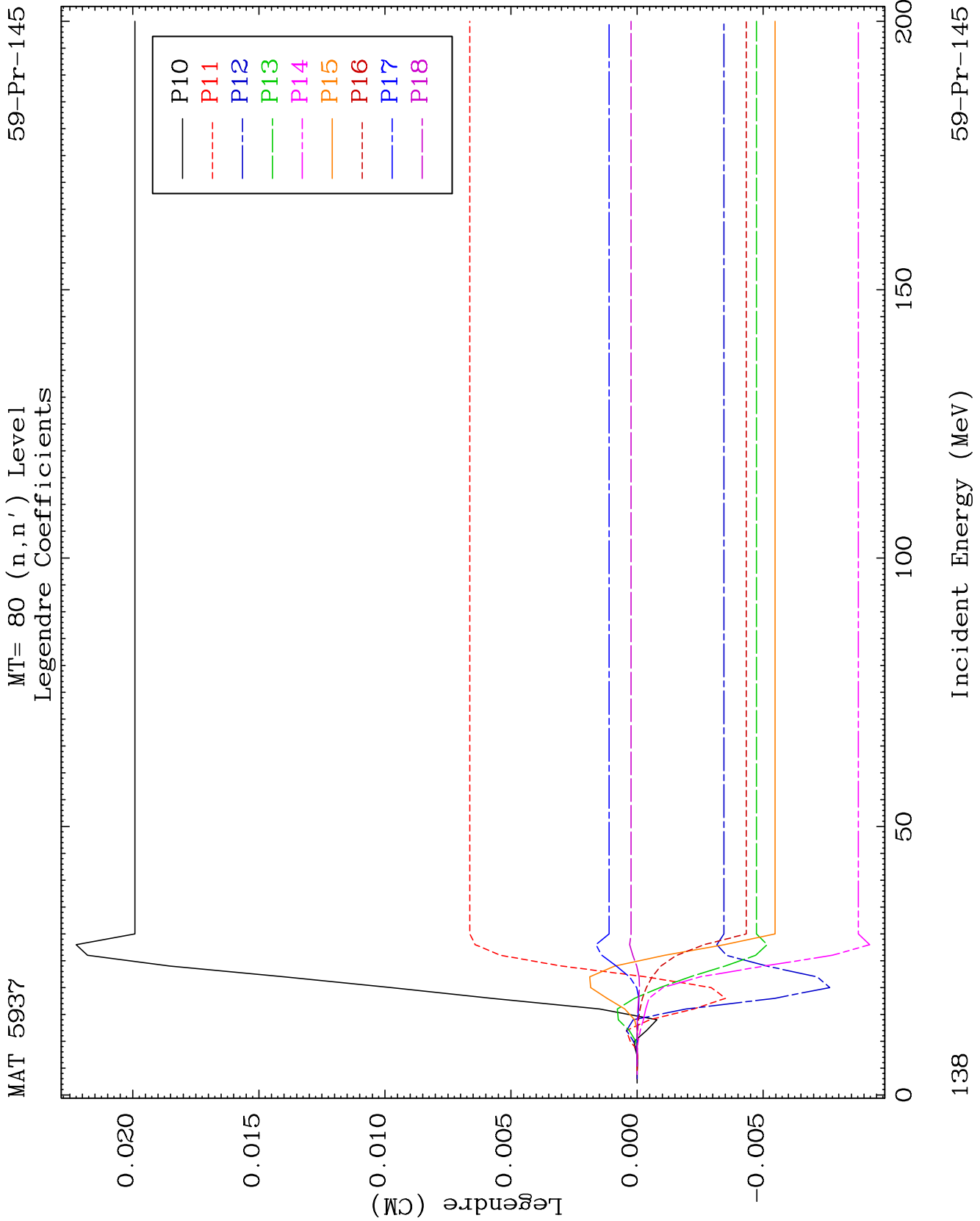


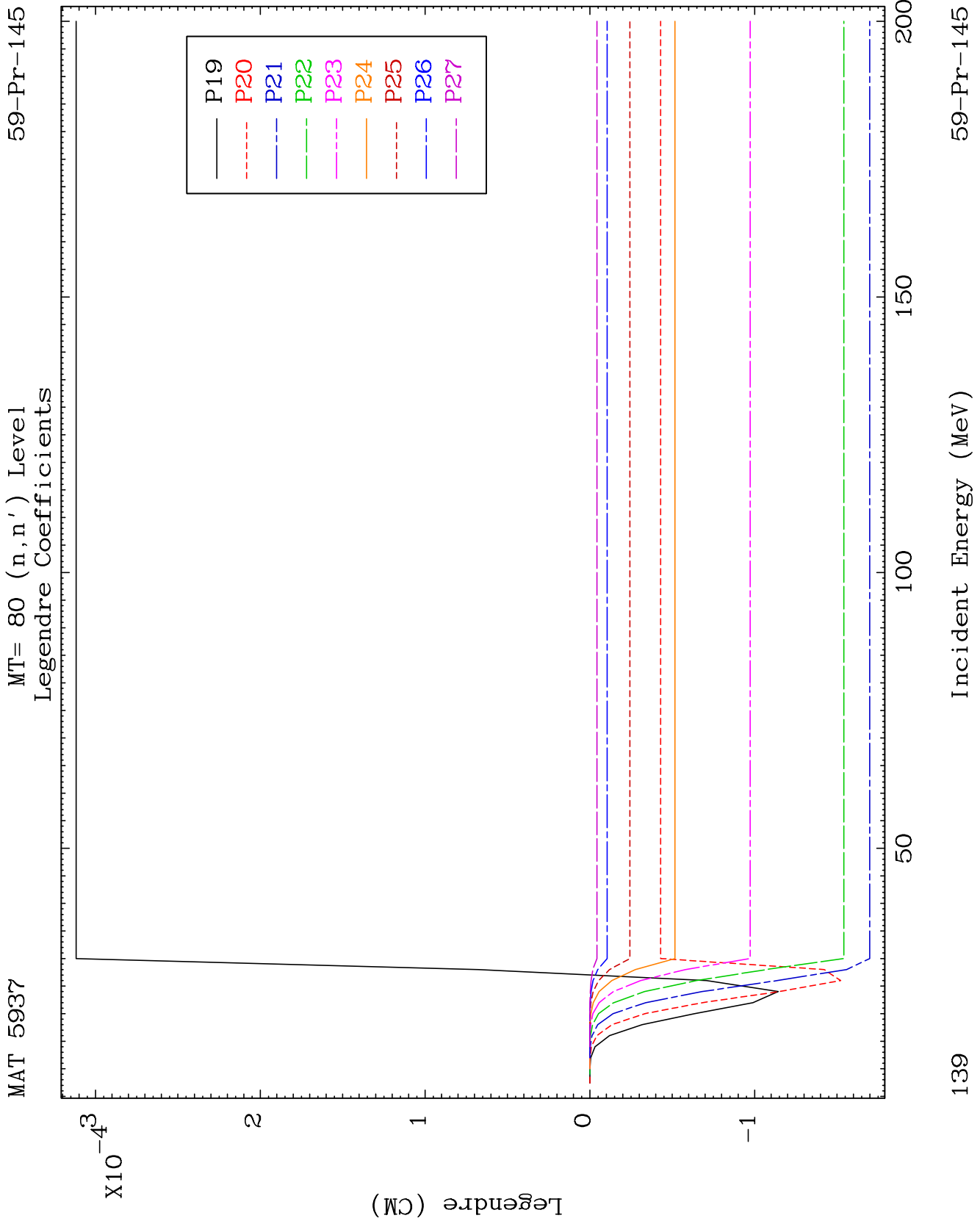
MAT 5937

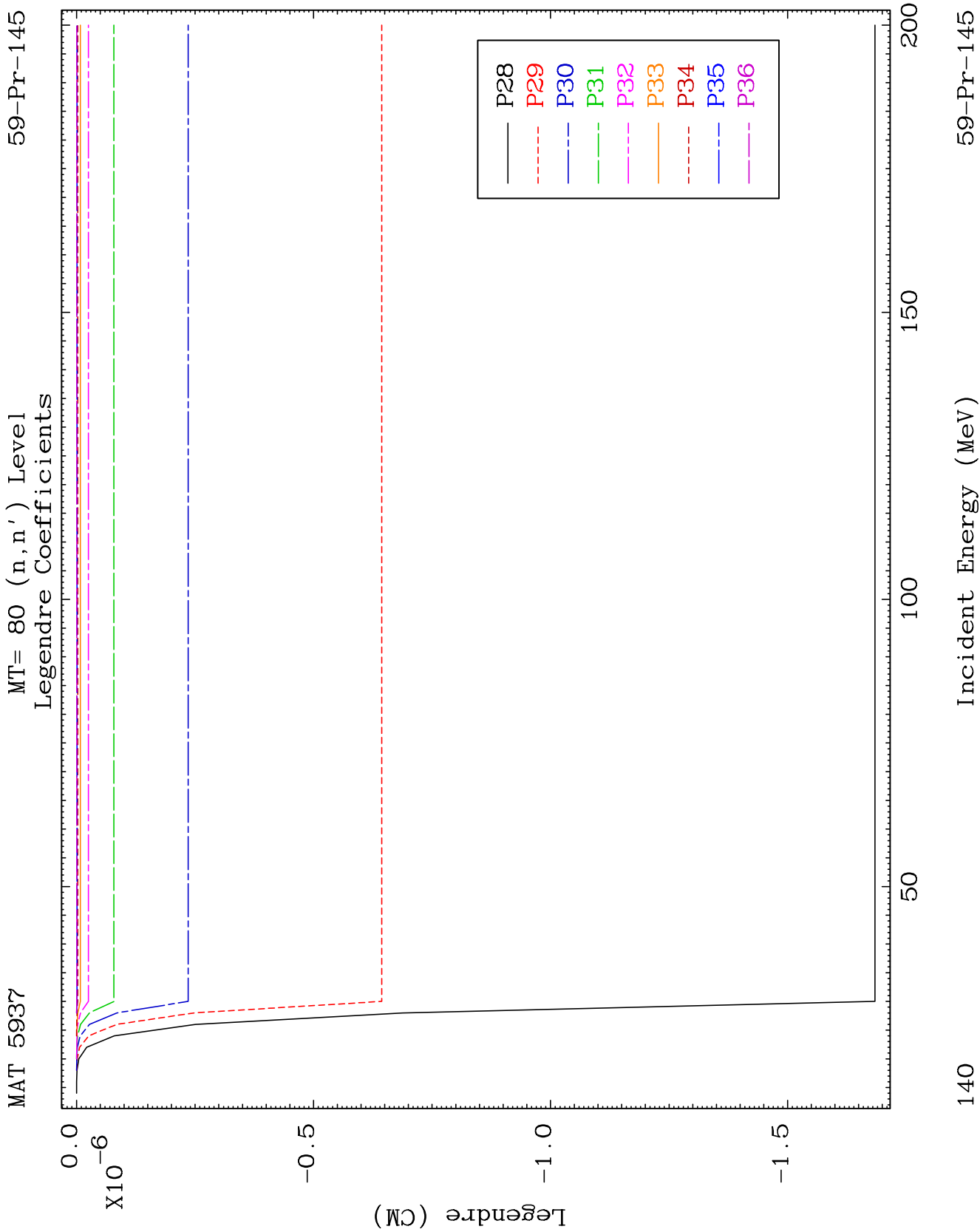
MT= 80 (n, n') Level
Legendre Coefficients

59-Pr-145





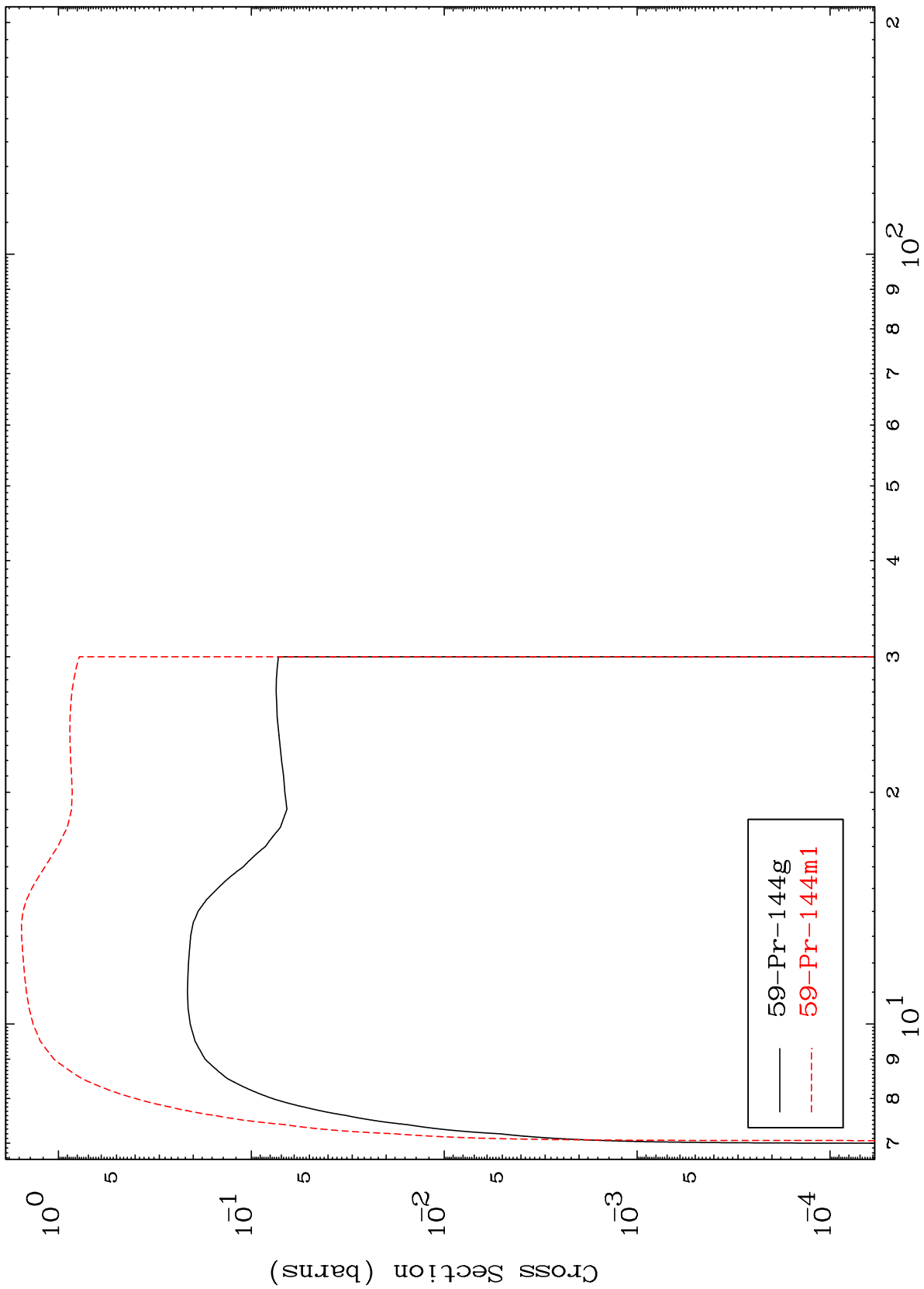




MAT 5937

59-Pr-145

(n,2n)
Radionuclide Production Cross Section



59-Pr-145

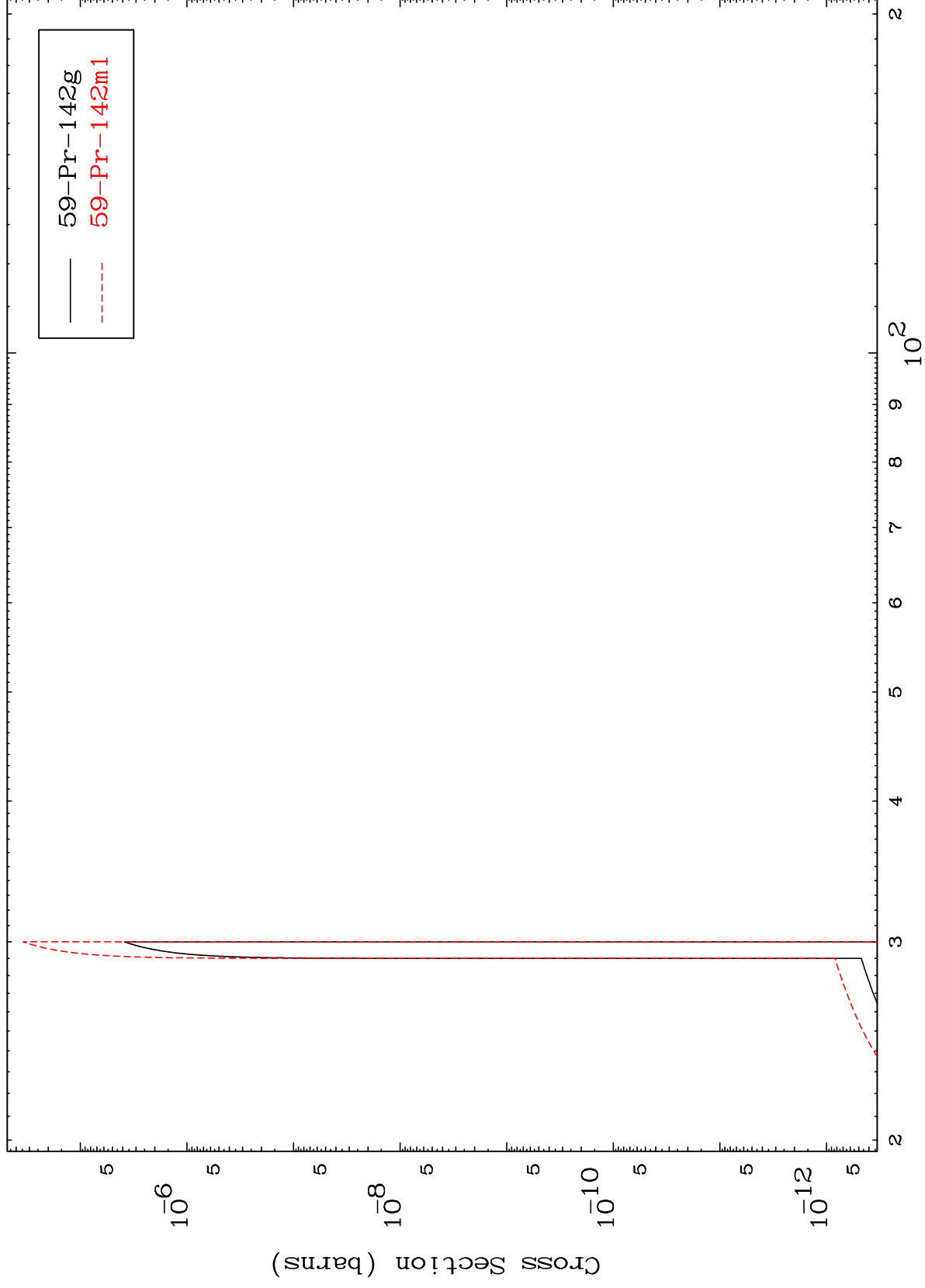
Incident Energy (MeV)

141

MAT 5937

59-Pr-145

(n,4n)
Radionuclide Production Cross Section



59-Pr-145

Incident Energy (MeV)

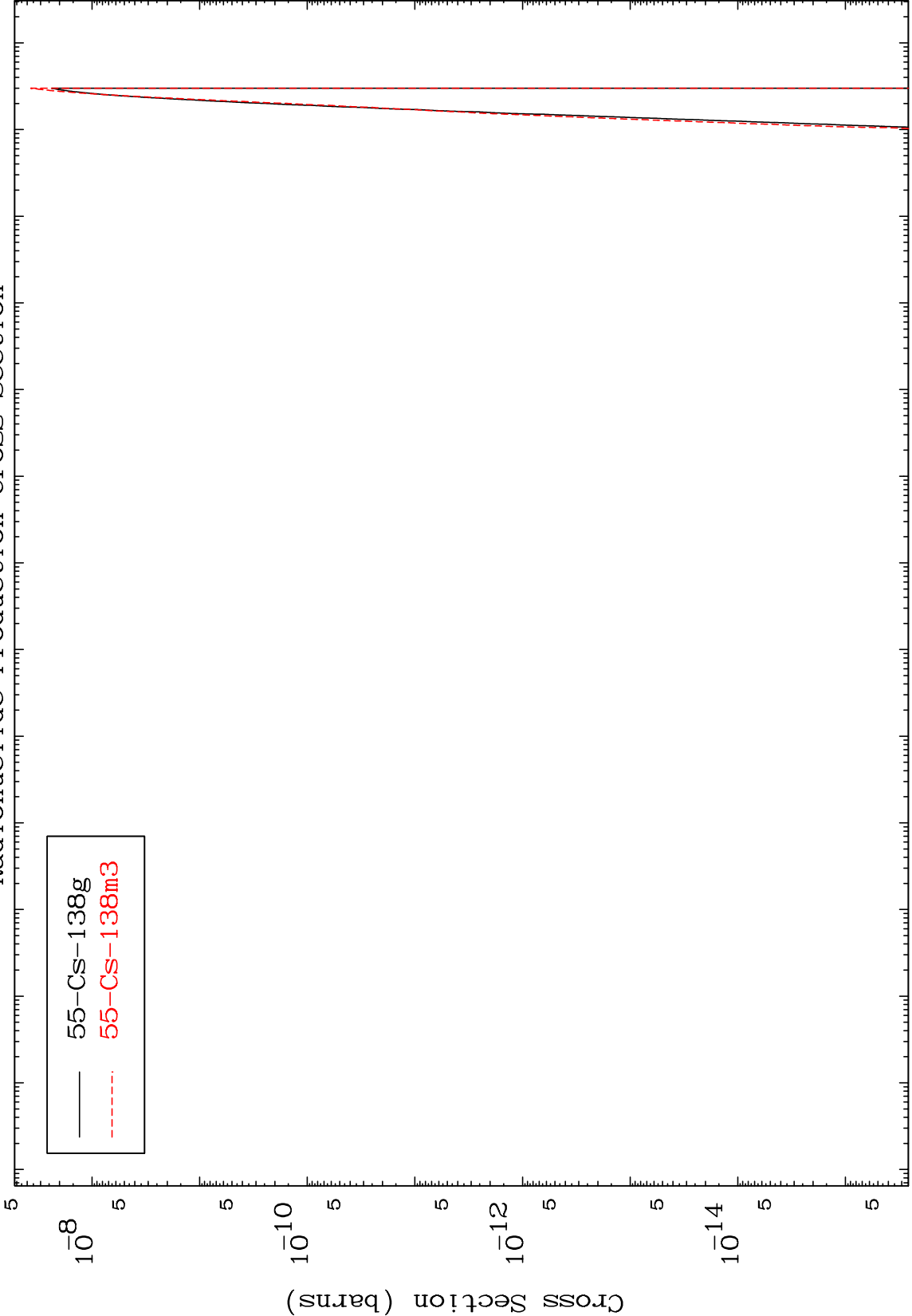
142

MAT 5937

(n,2α)

59-Pr-145

Radionuclide Production Cross Section



143

Incident Energy (MeV)

59-Pr-145