

Program EVALPLOT  
(Version 2021-1)

by

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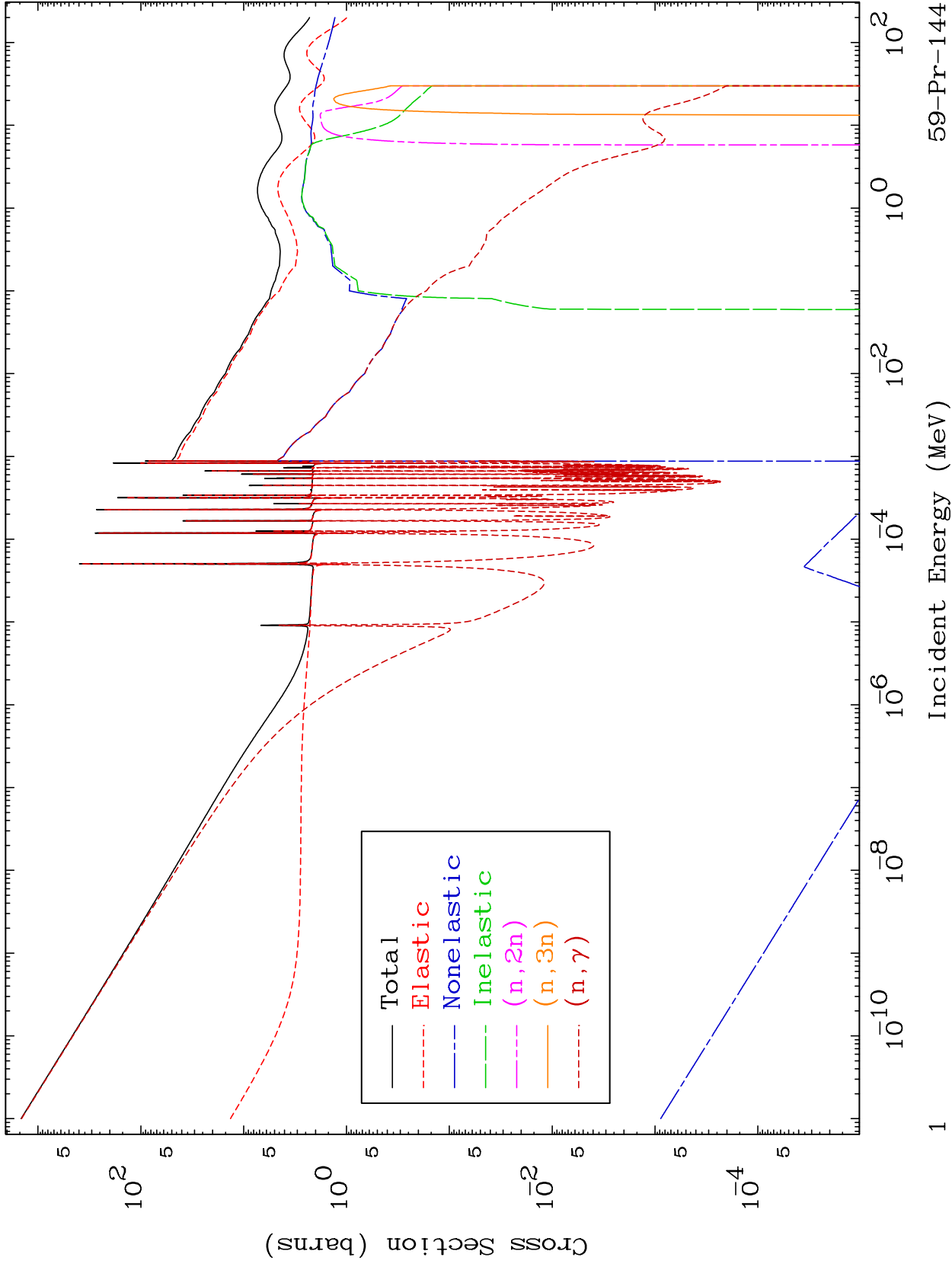
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Press Mouse Button to Start

MAT 5934

Neutron Major  
293 Kelvin Cross Sections

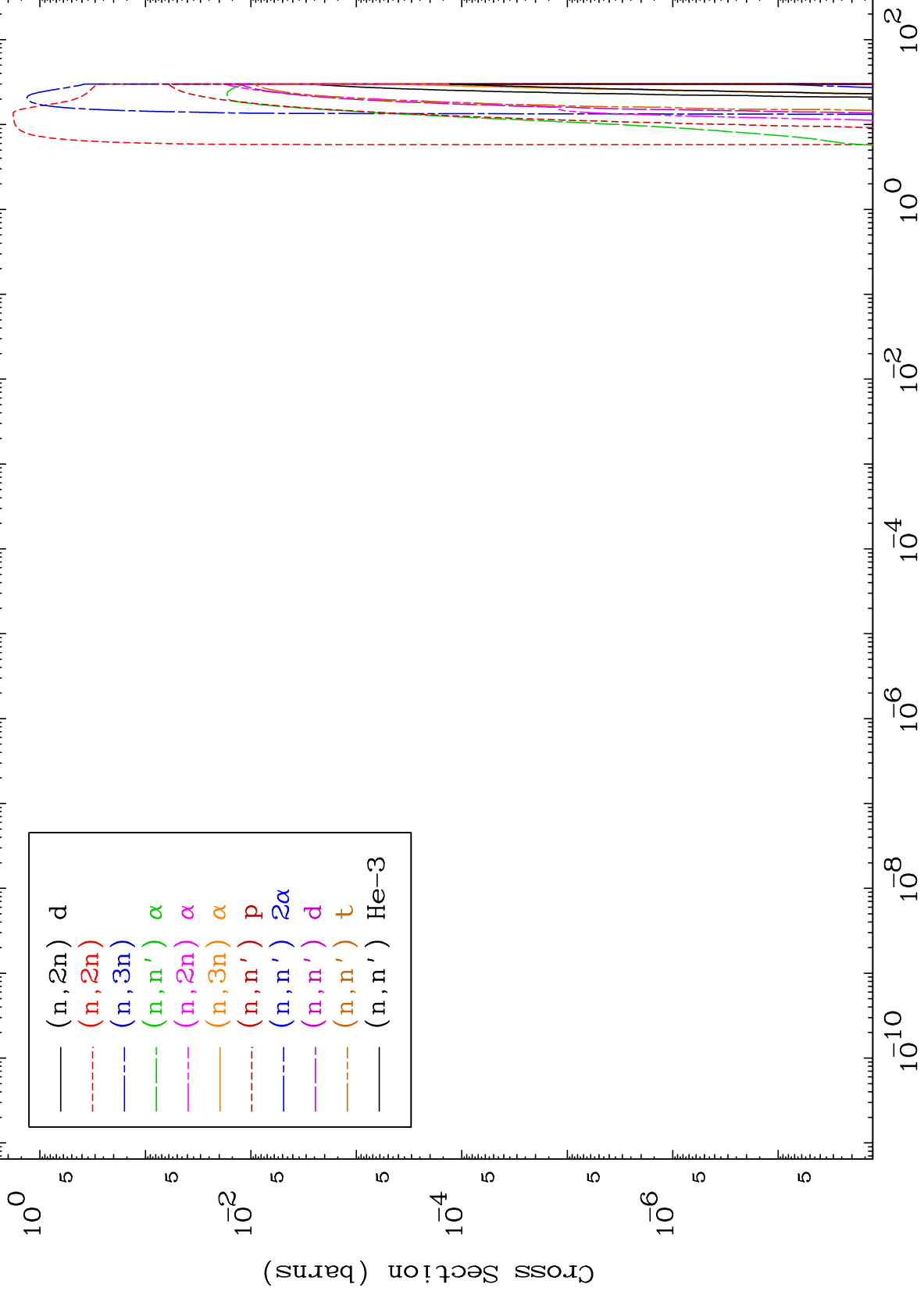
59-Pr-144



MAT 5934

Neutron Absorption  
293 Kelvin Cross Sections

59-Pr-144



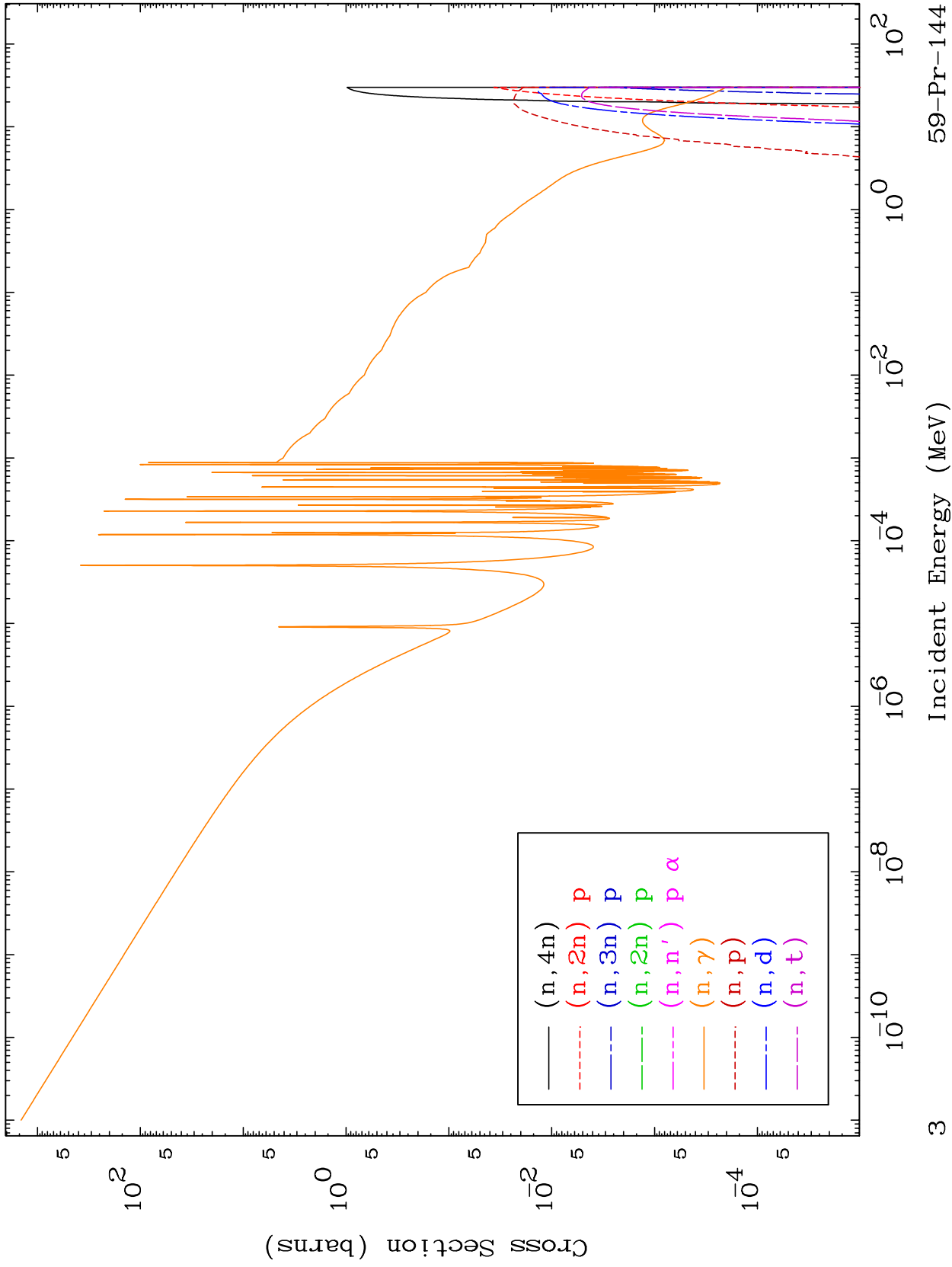
59-Pr-144

Incident Energy (MeV)

MAT 5934

Neutron Absorption  
293 Kelvin Cross Sections

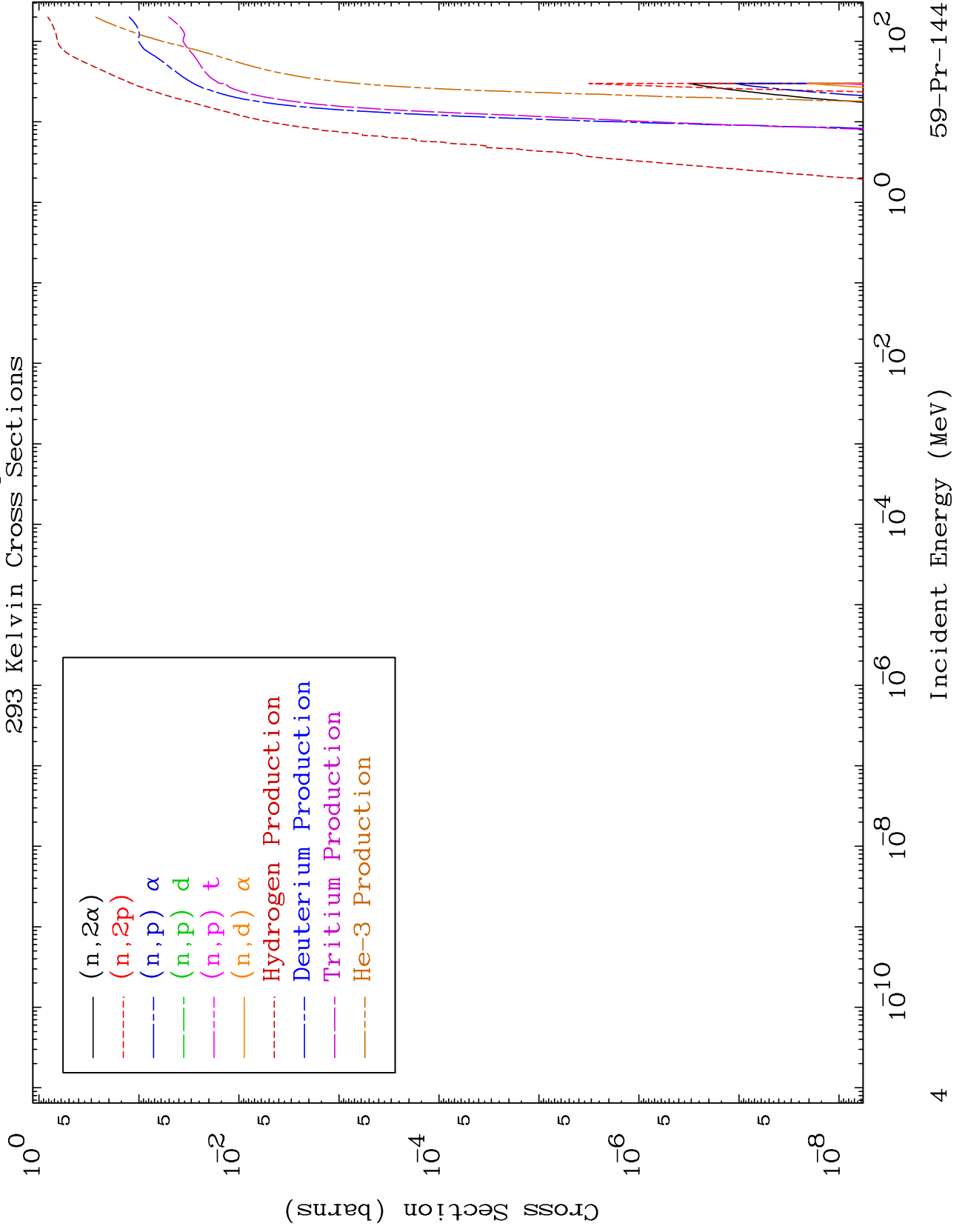
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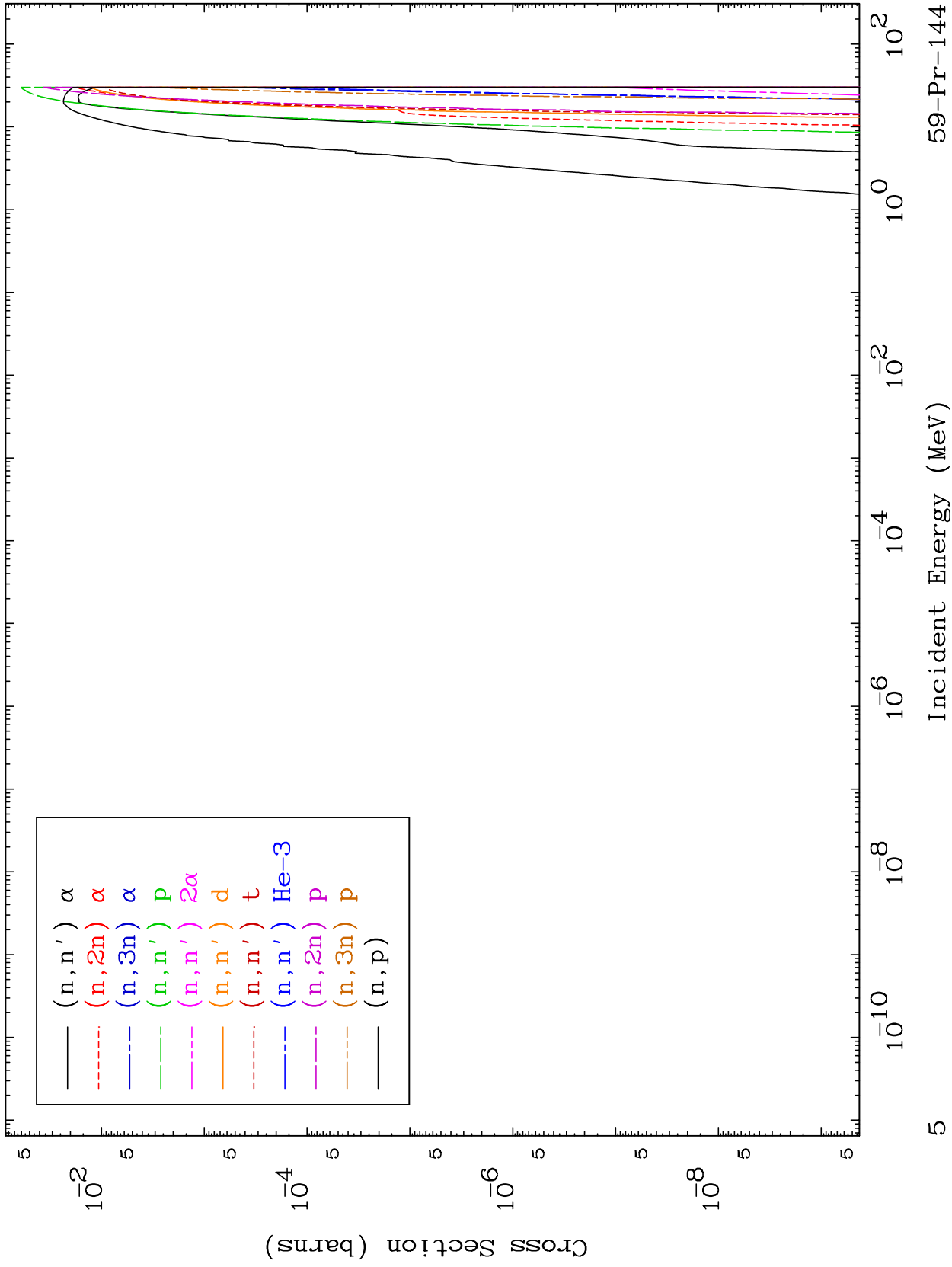


MAT 5934

Neutron Absorption  
293 Kelvin Cross Sections

59-Pr-144

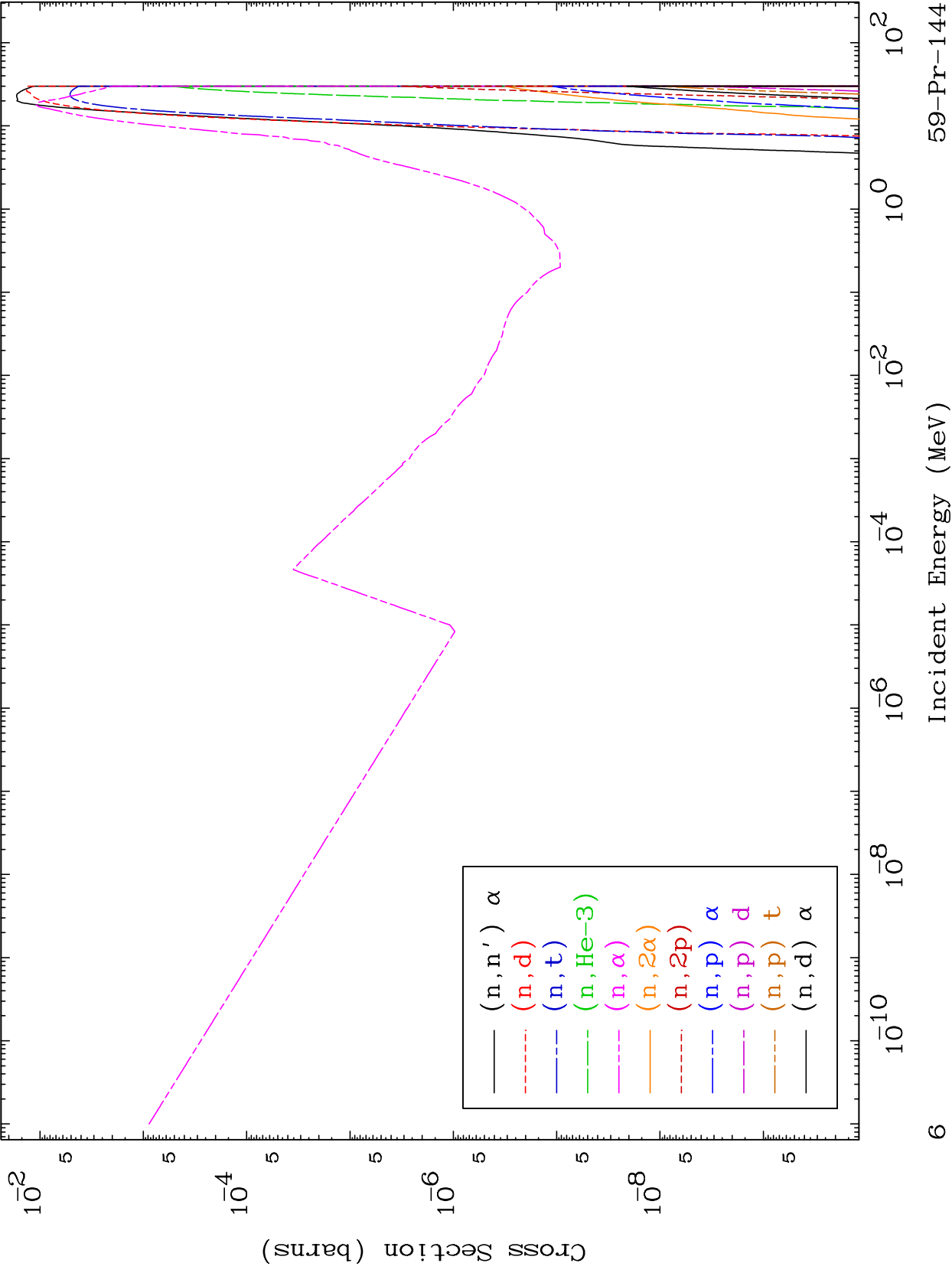




MAT 5934

Charged Particle  
293 Kelvin Cross Sections

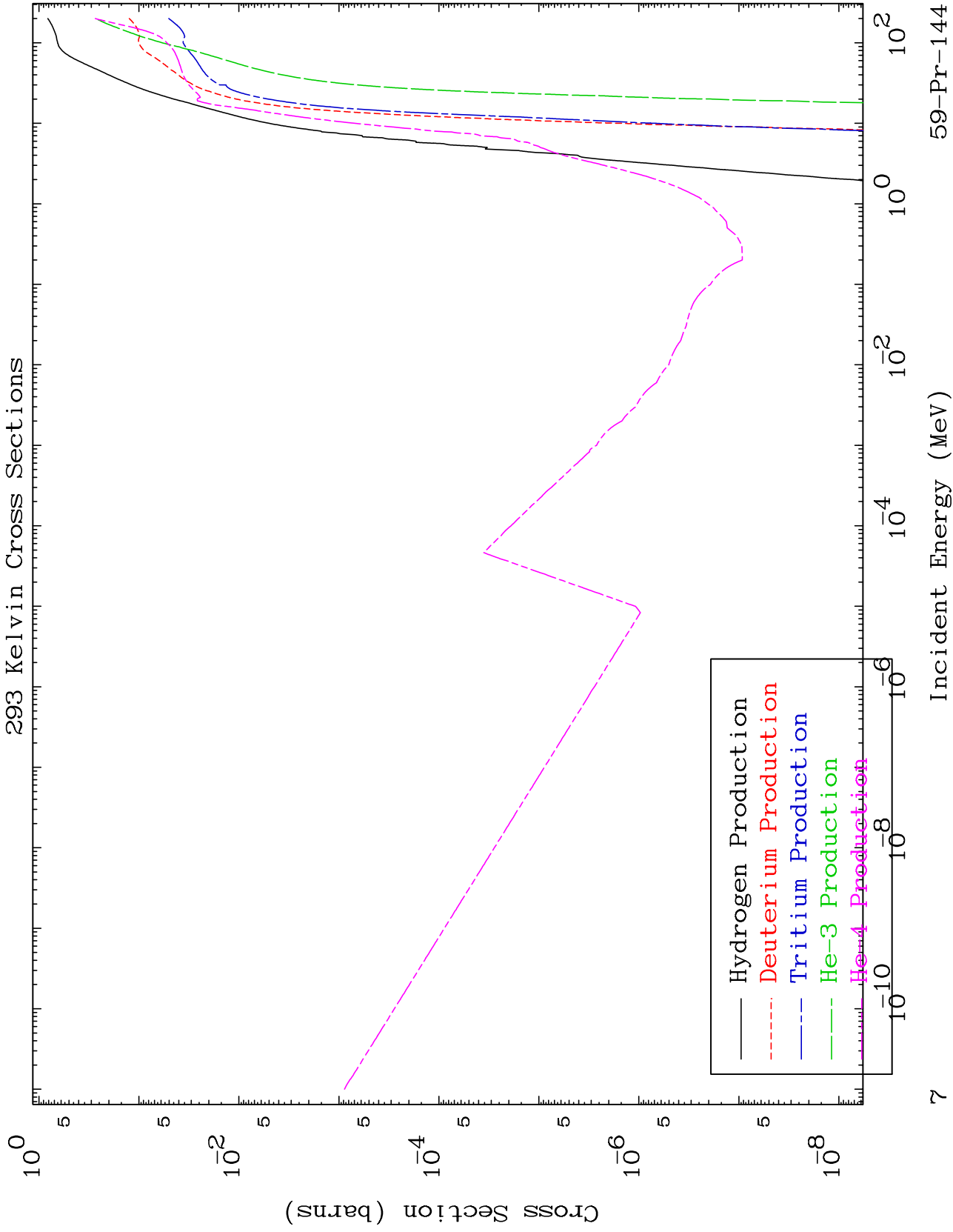
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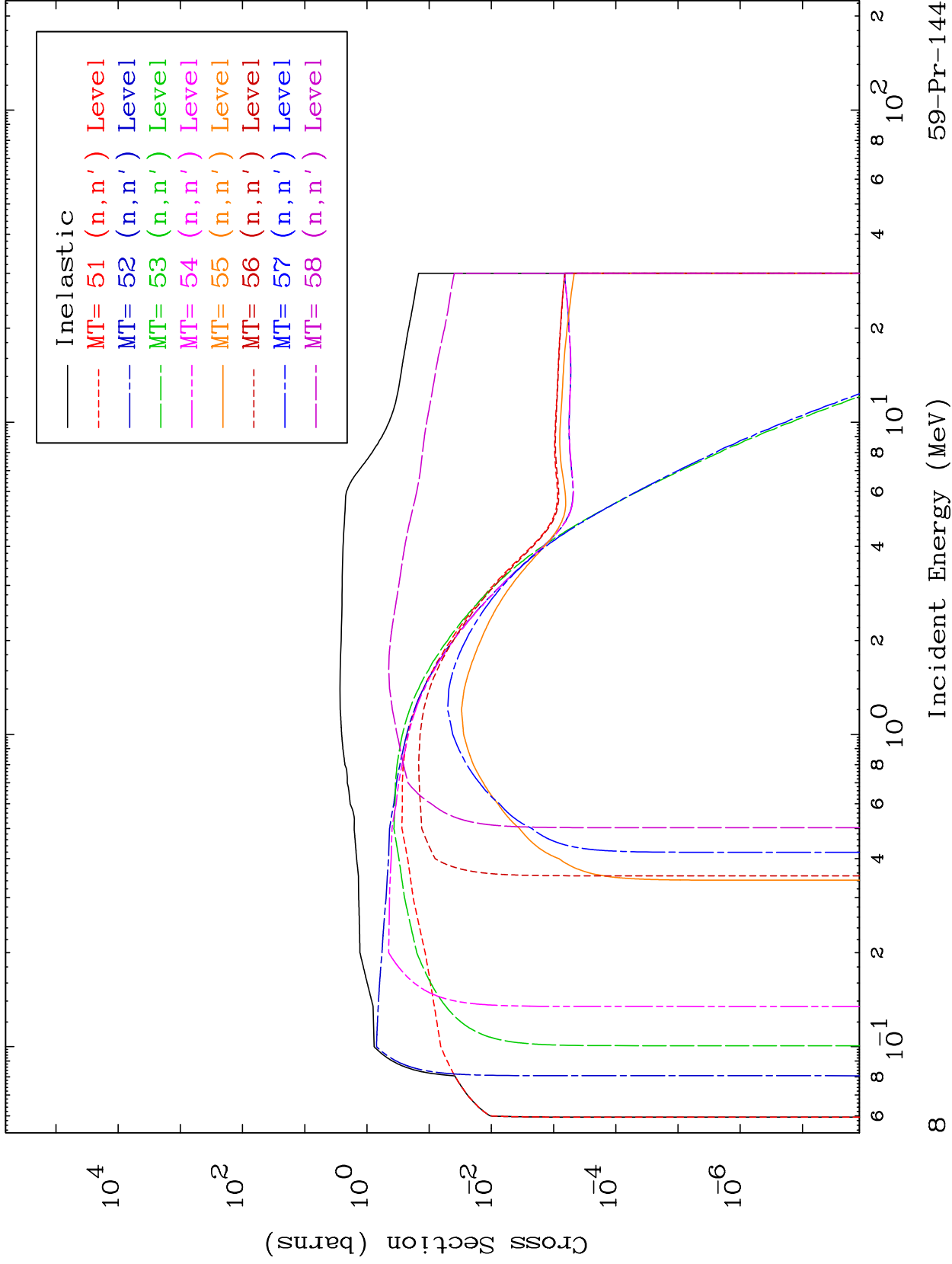
MAT 5934

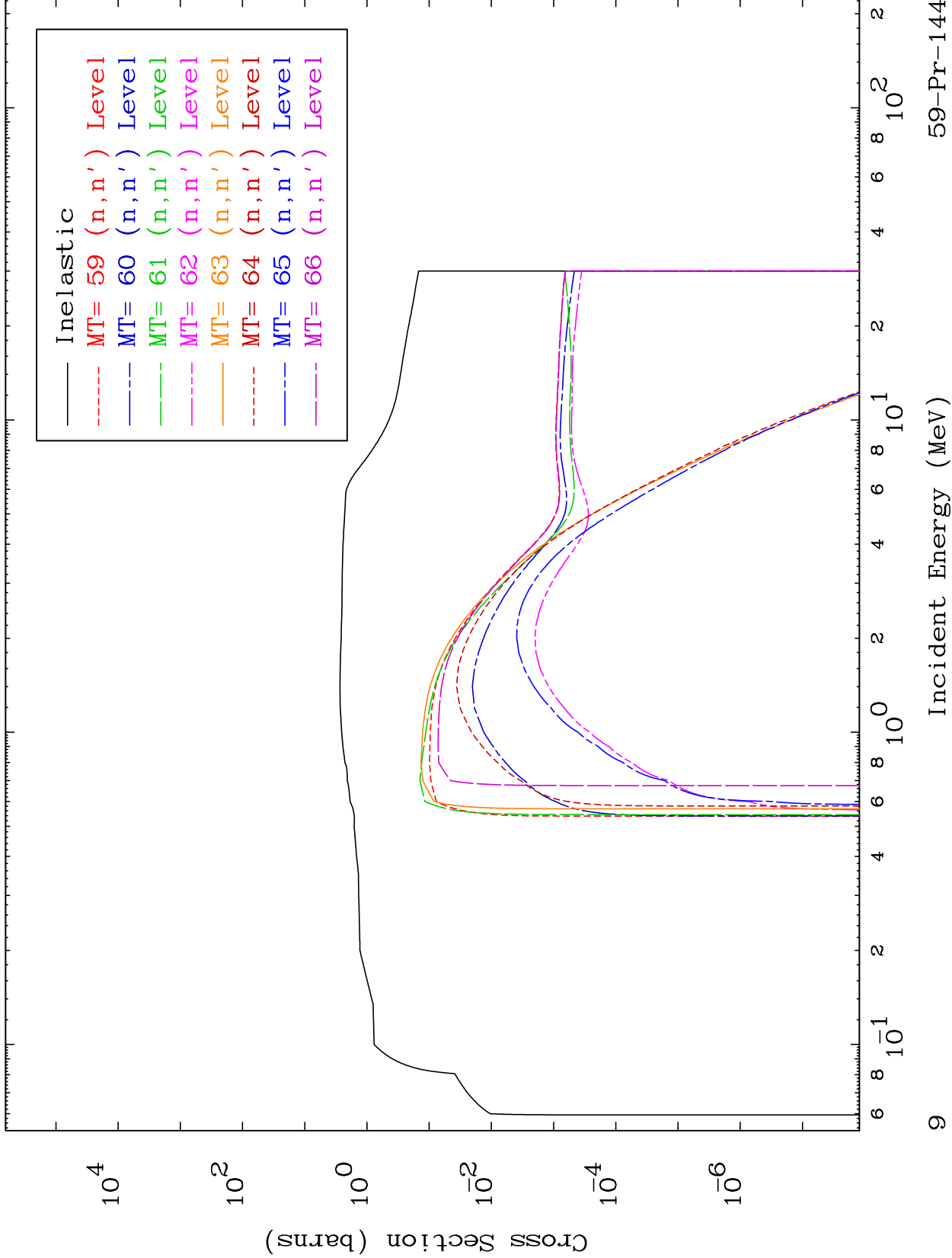
Particle Production  
293 Kelvin Cross Sections

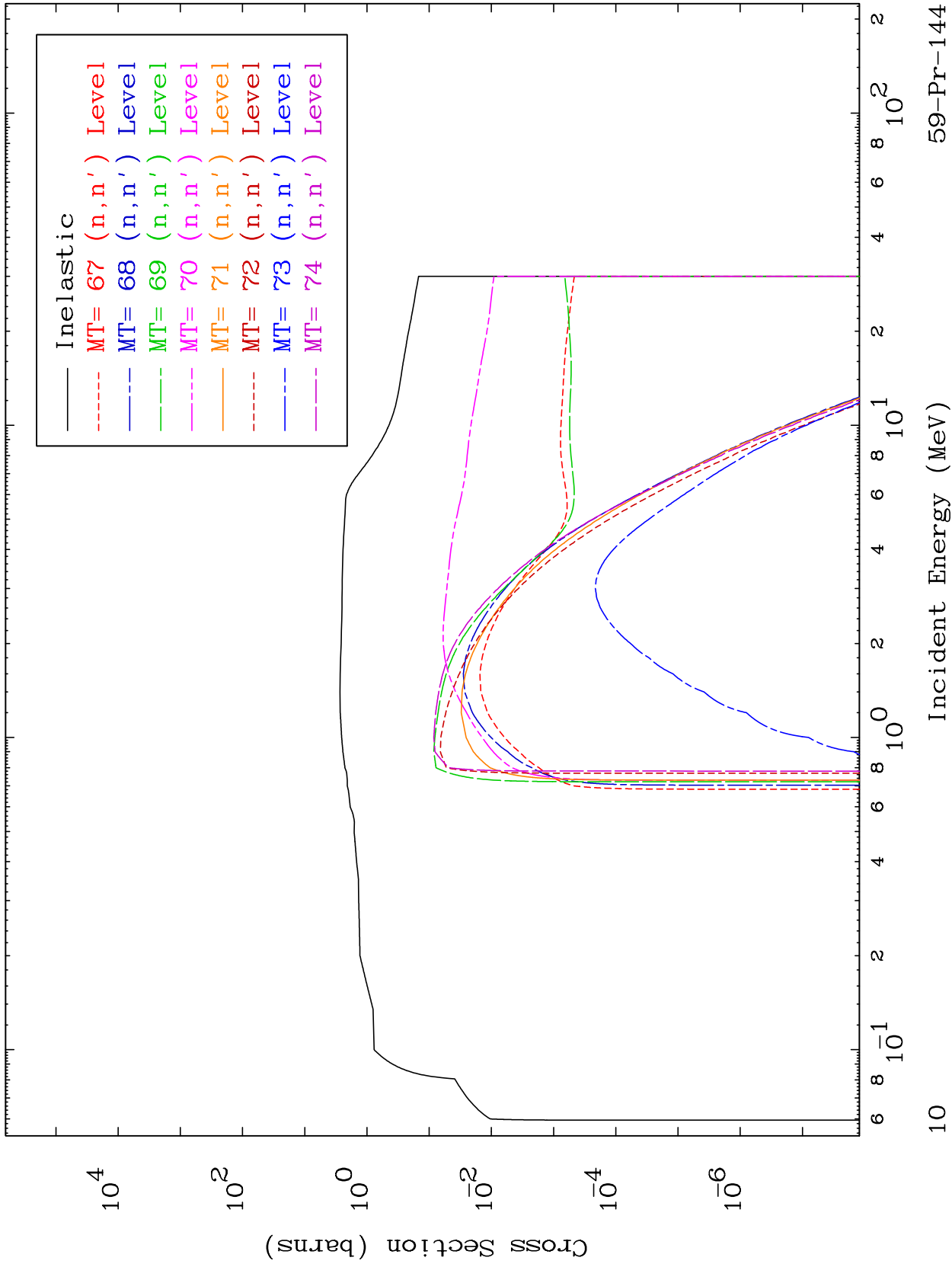
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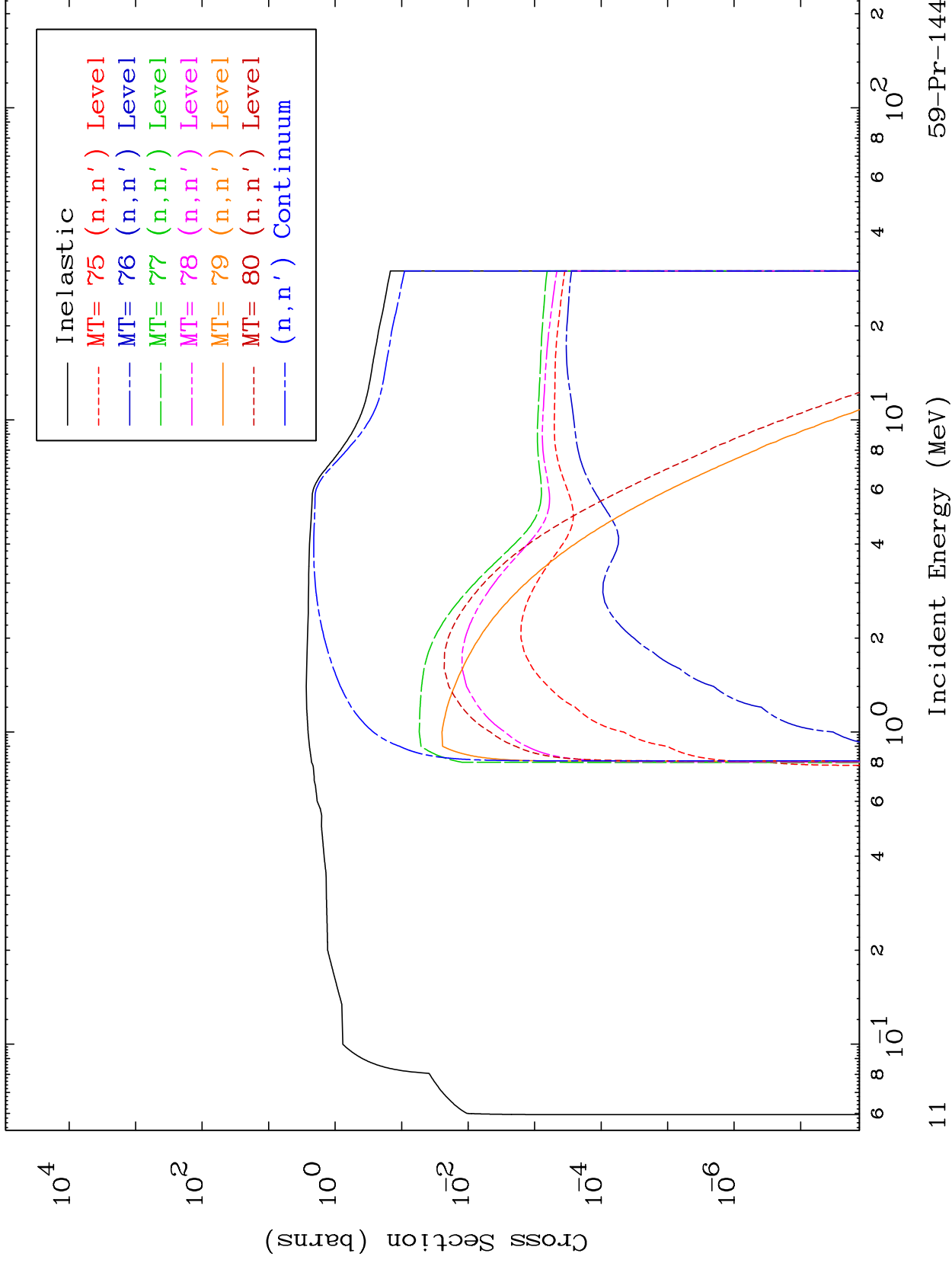








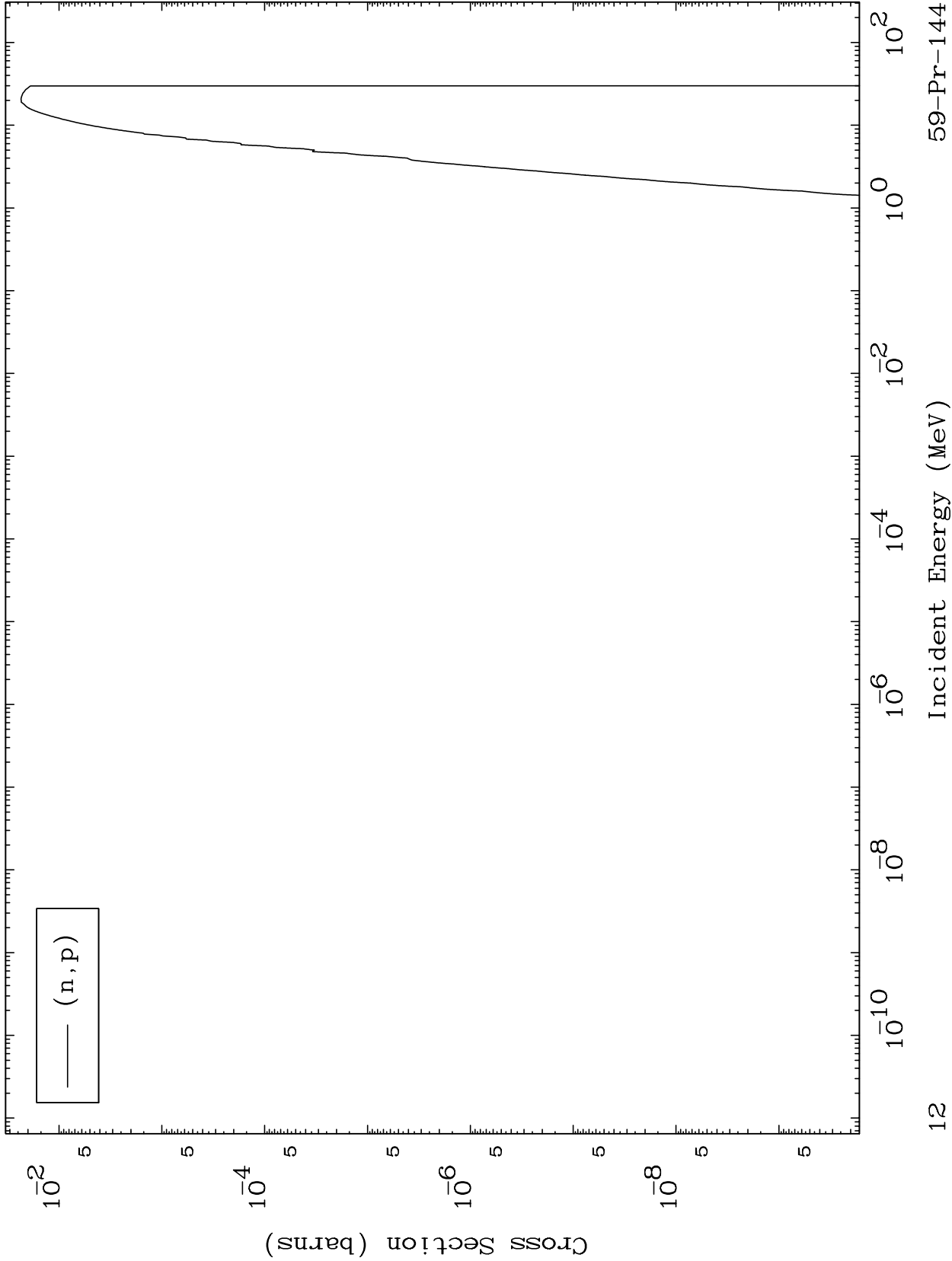


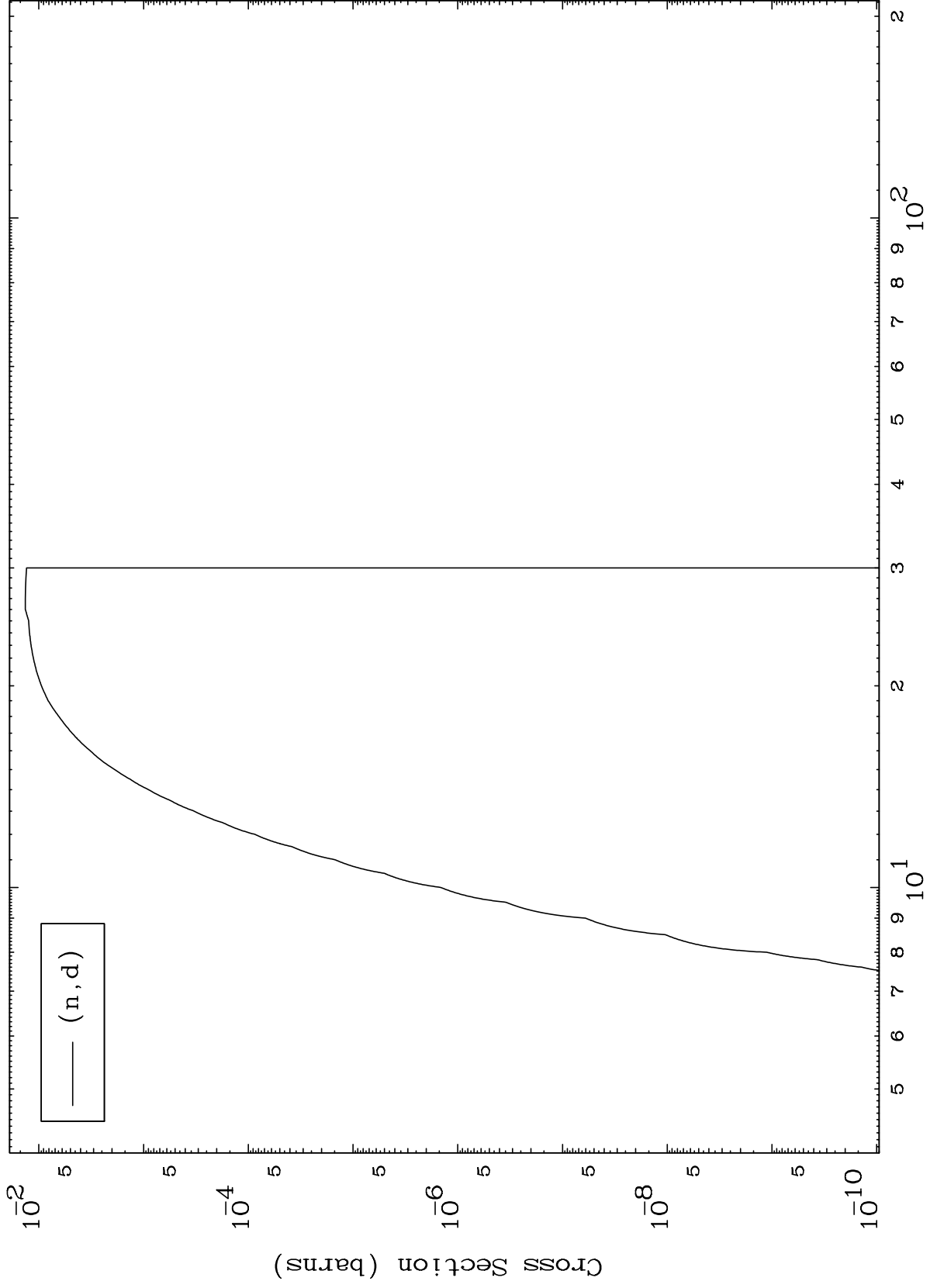


MAT 5934

(n,p) Levels  
293 Kelvin Cross Sections

59-Pr-144

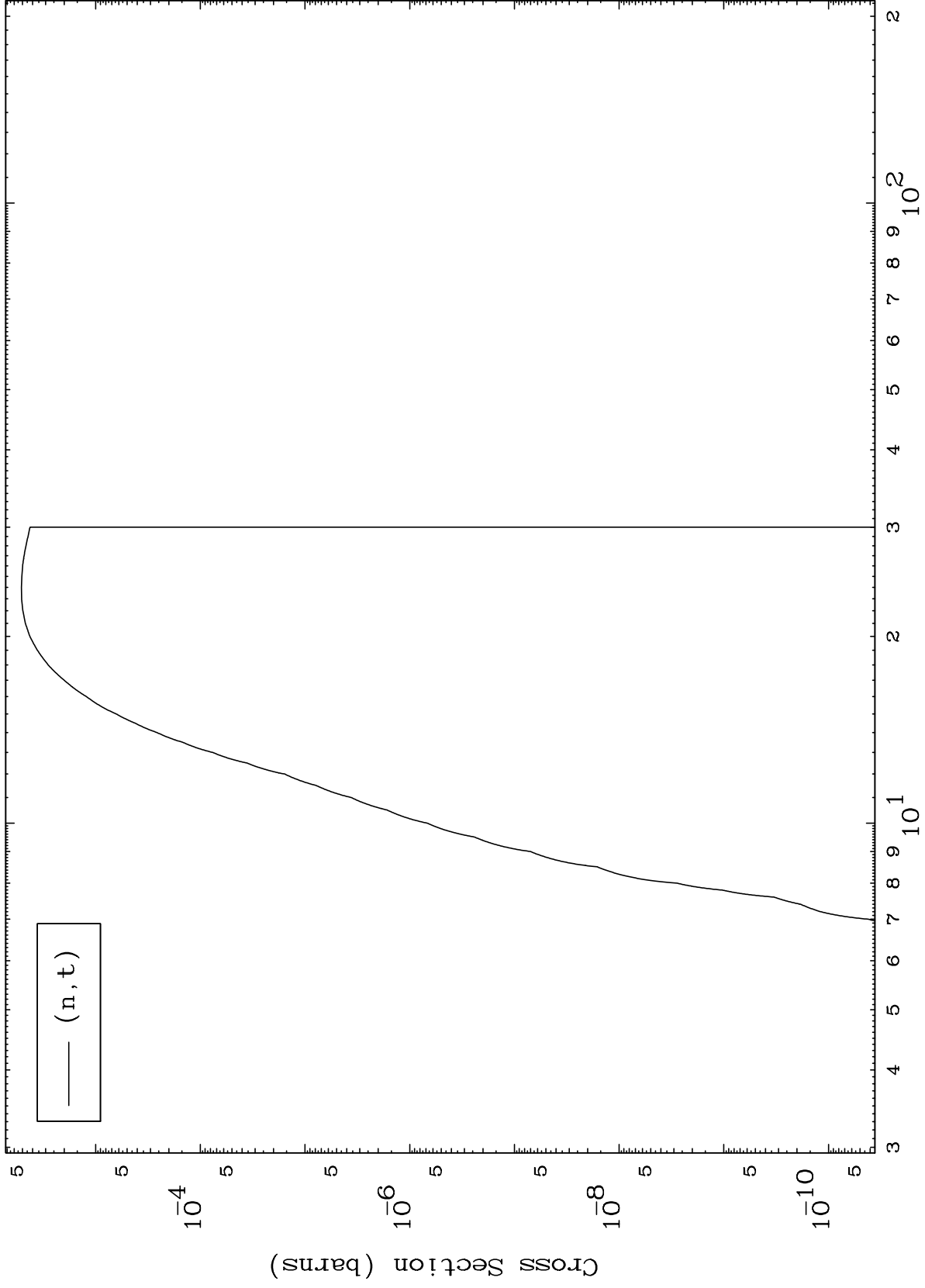




MAT 5934

(n,t) Levels  
293 Kelvin Cross Sections

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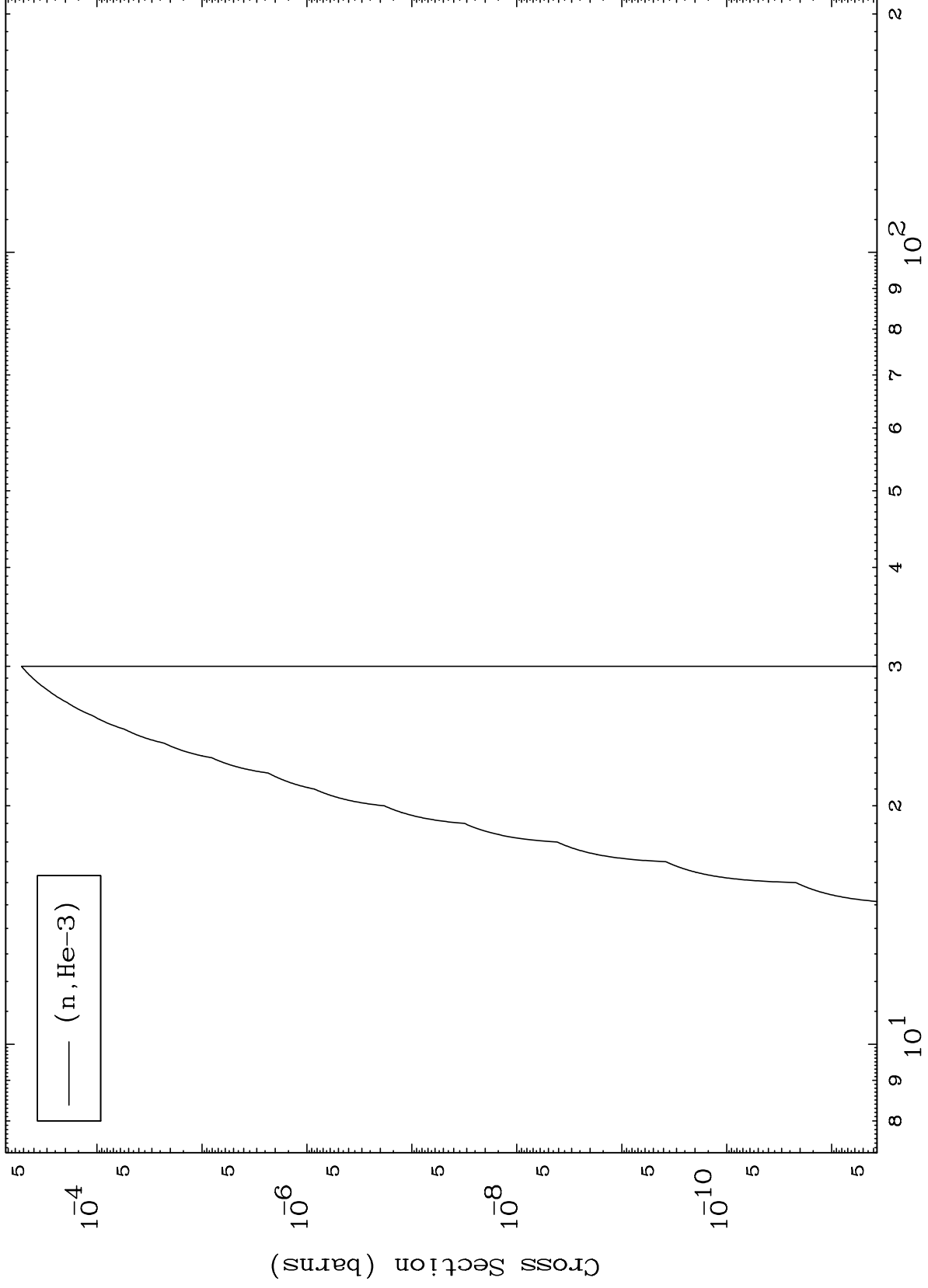


(n,t)

14

Incident Energy (MeV)

59-Pr-144

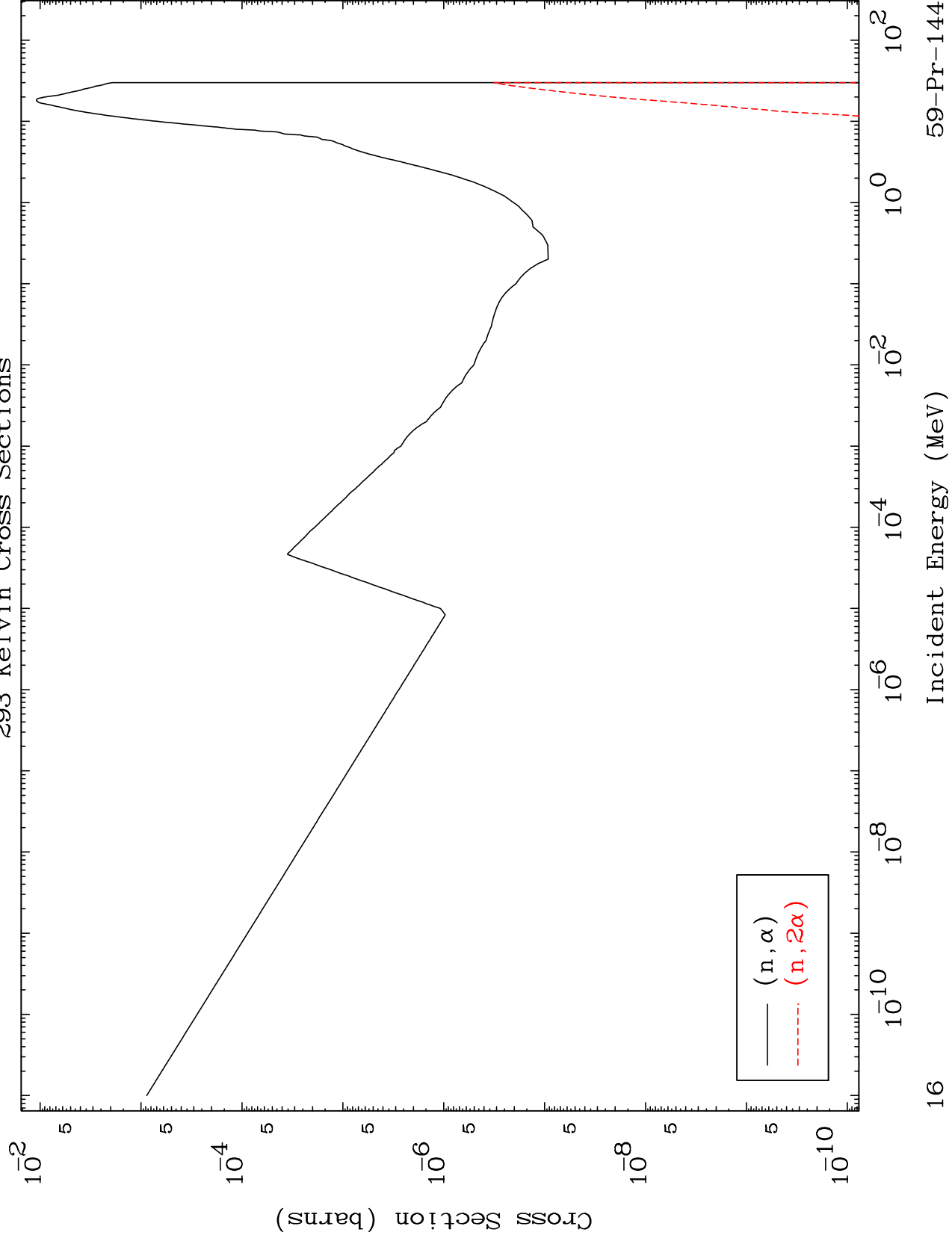




MAT 5934

(n,α) Levels  
293 Kelvin Cross Sections

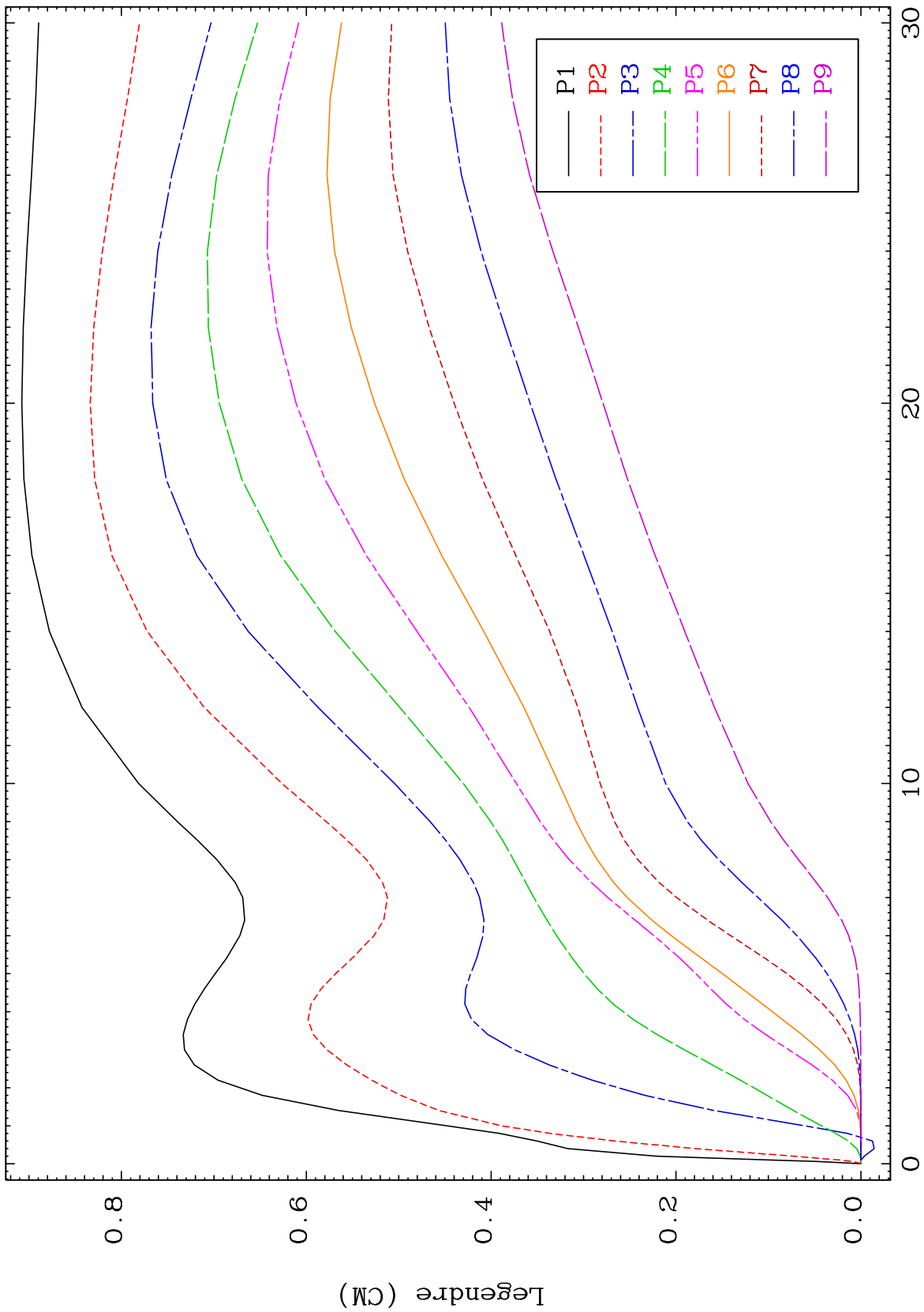
59-Pr-144



MAT 5934

Elastic Legendre Coefficients

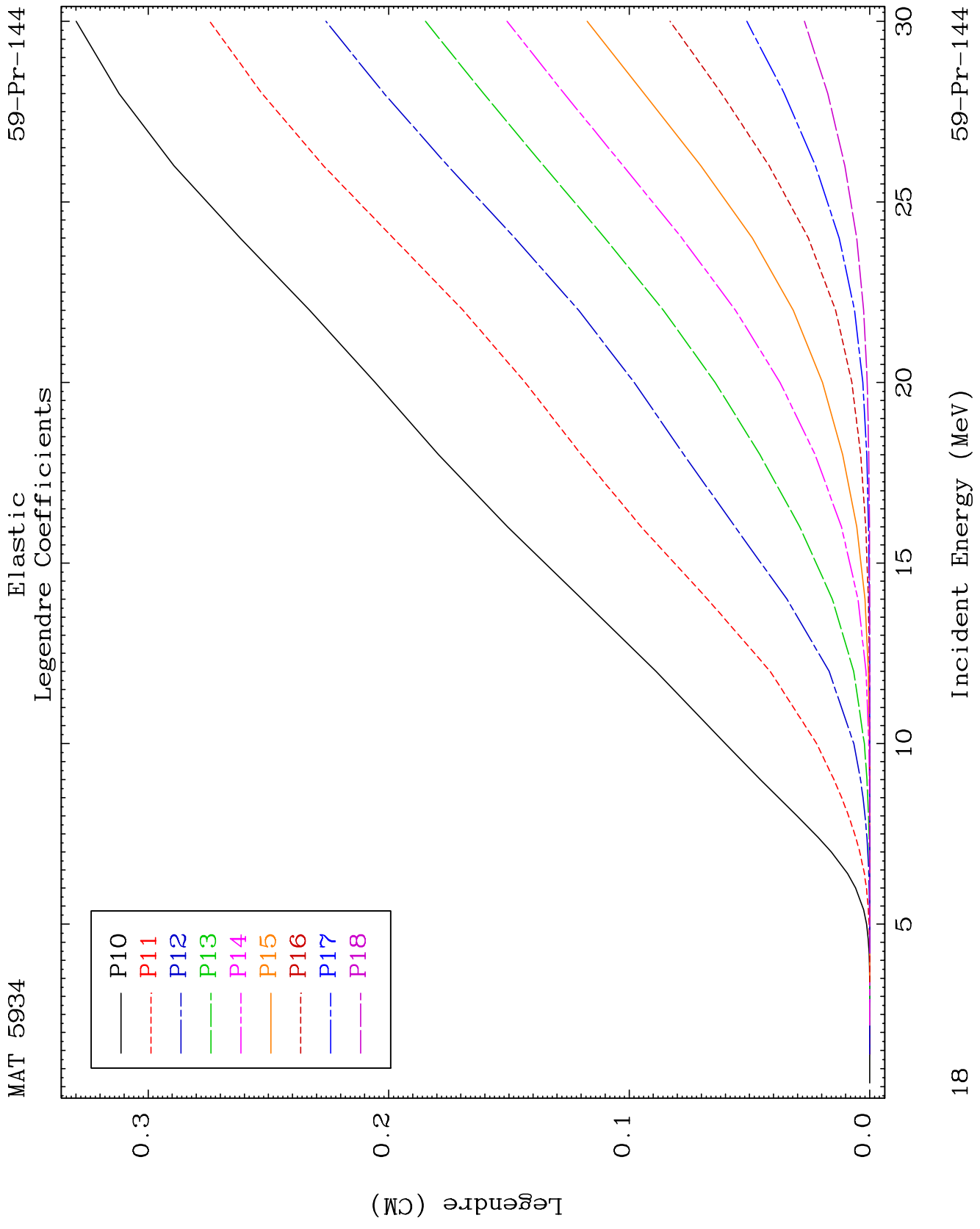
59-Pr-144



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Incident Energy (MeV)

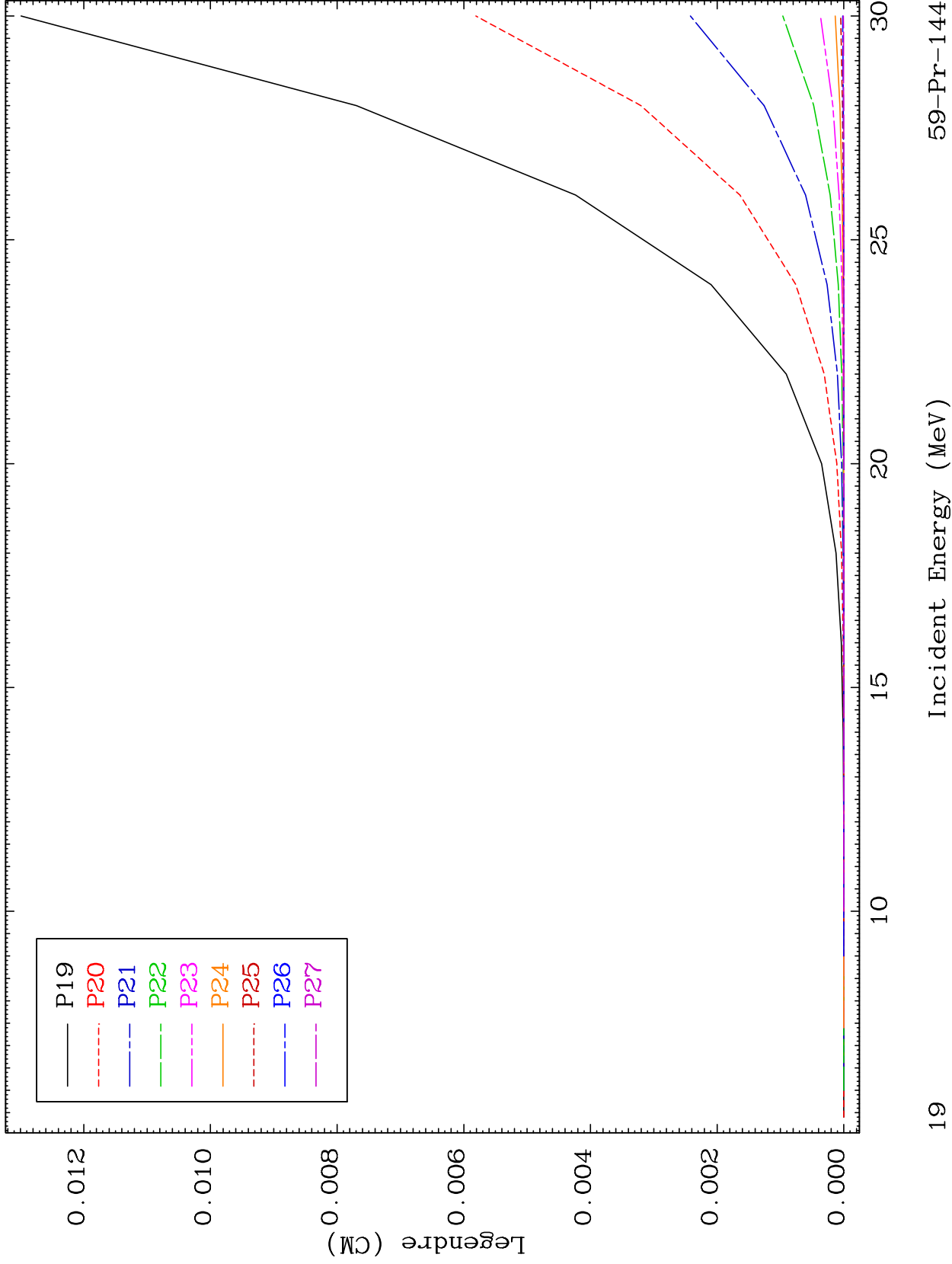
59-Pr-144



MAT 5934

Elastic Legendre Coefficients

59-Pr-144



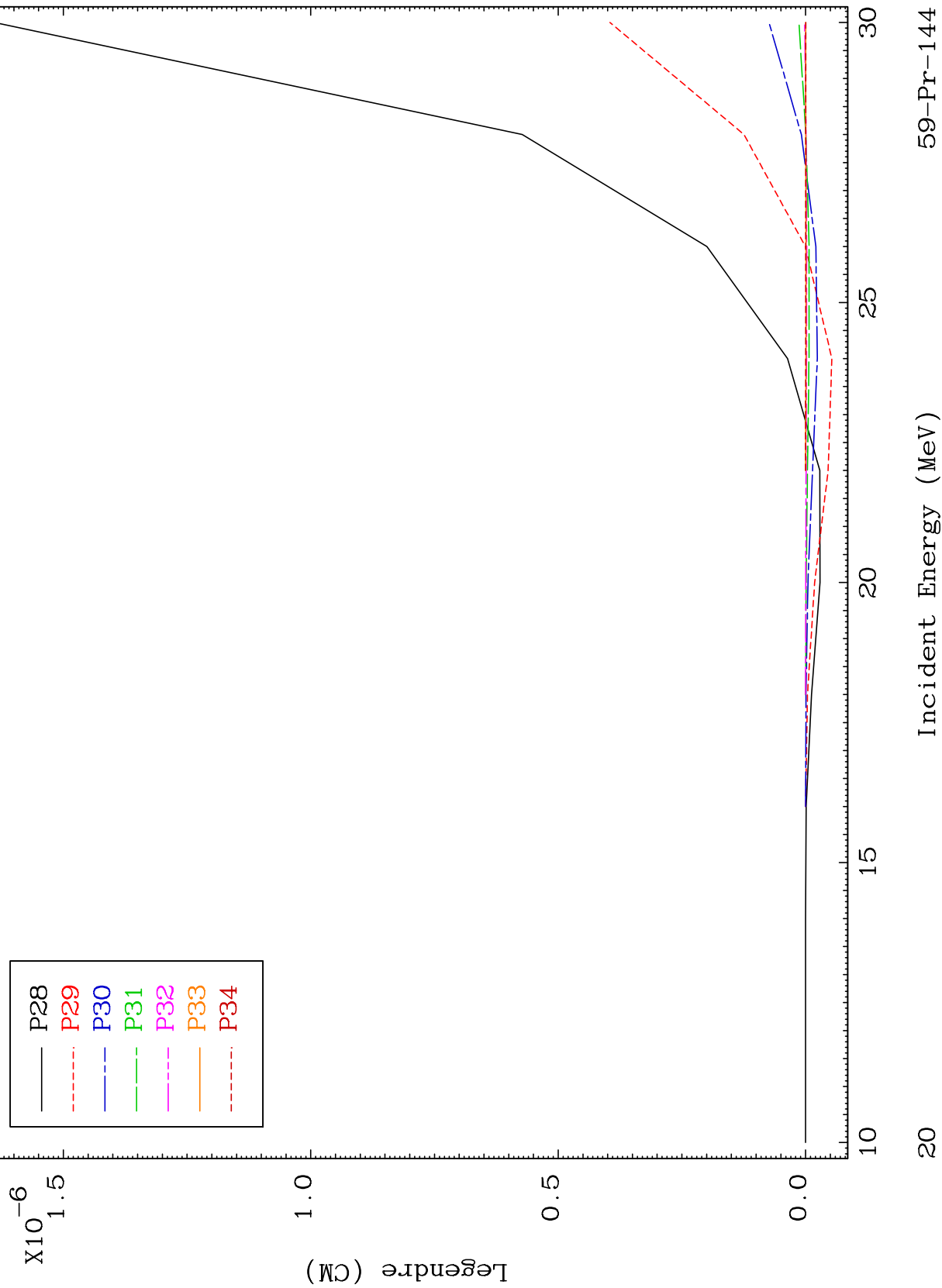
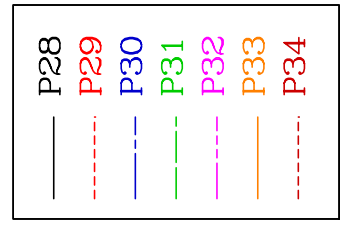
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59-Pr-144

MAT 5934

Elastic Legendre Coefficients

59-Pr-144

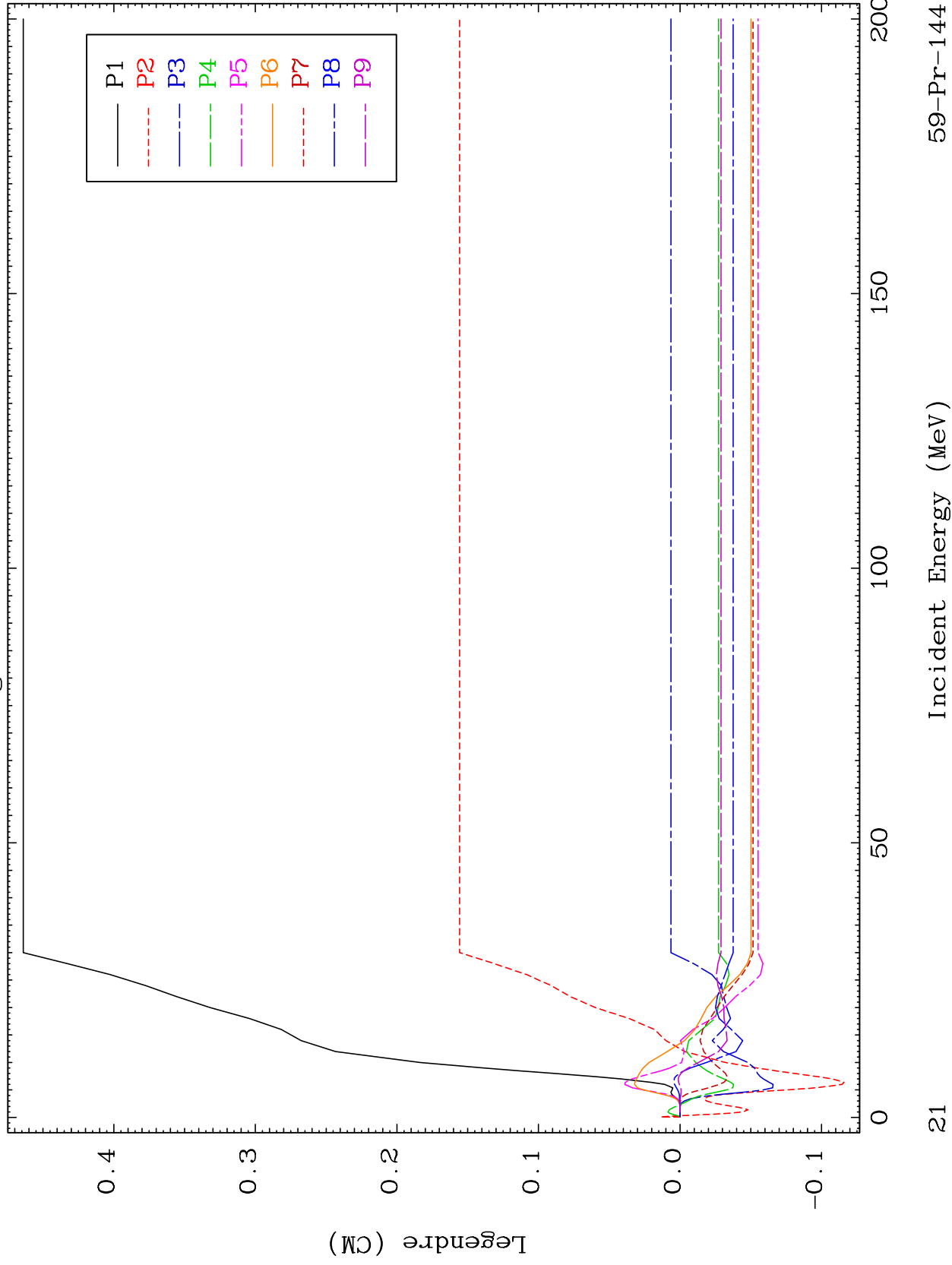


59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

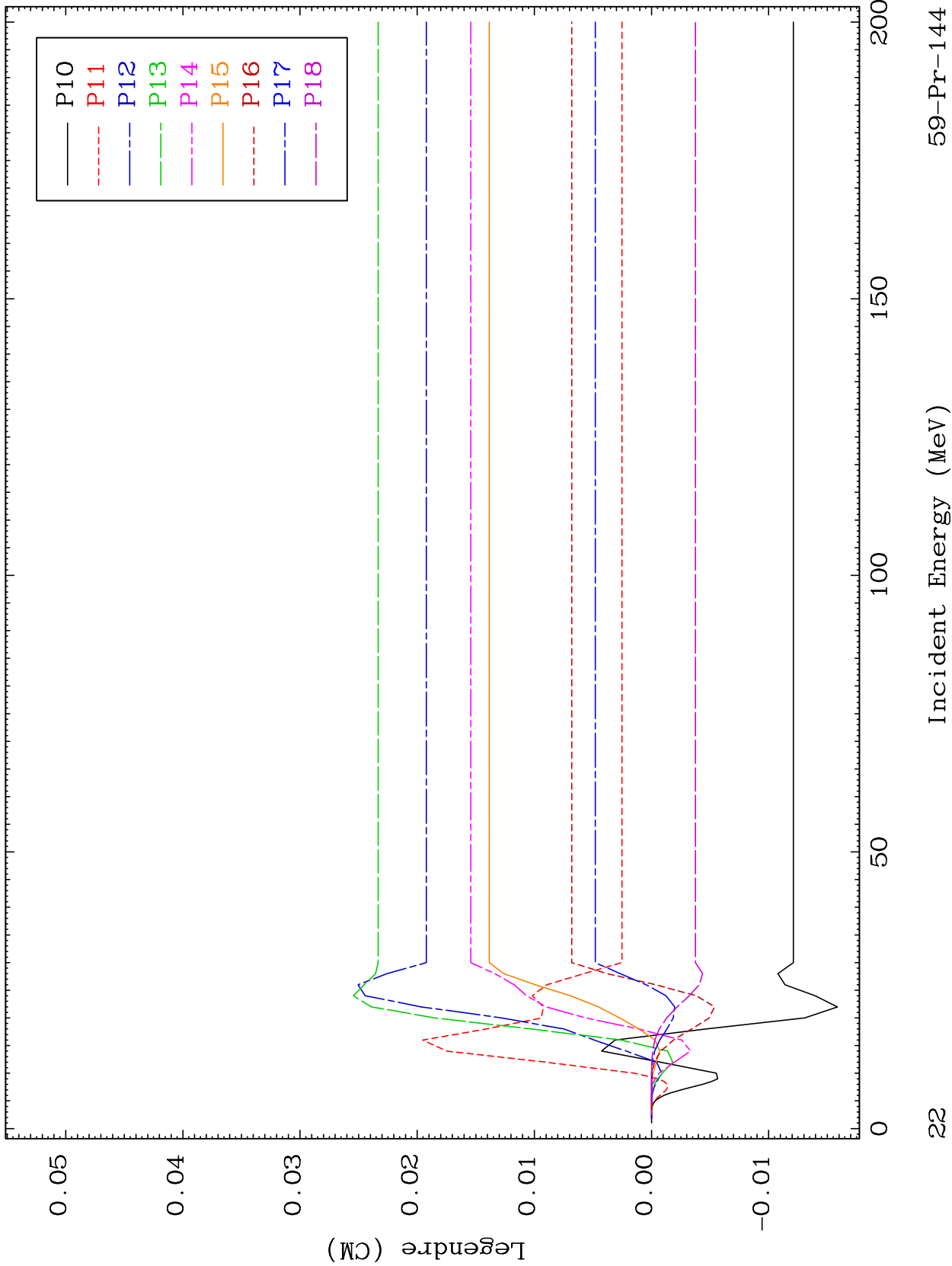
Incident Energy (MeV)

21

MAT 5934

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

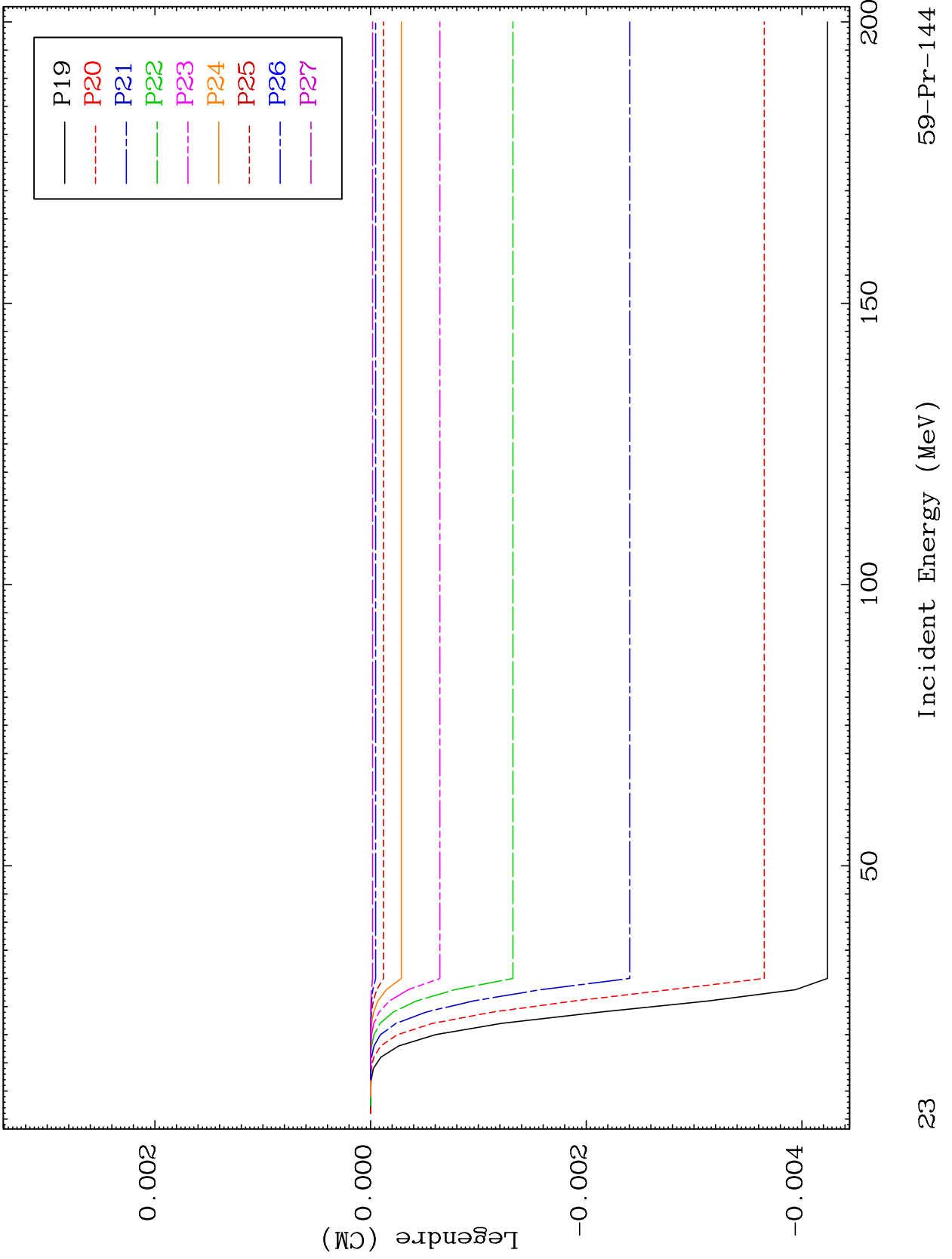
59-Pr-144



59-Pr-144

Incident Energy (MeV)

22



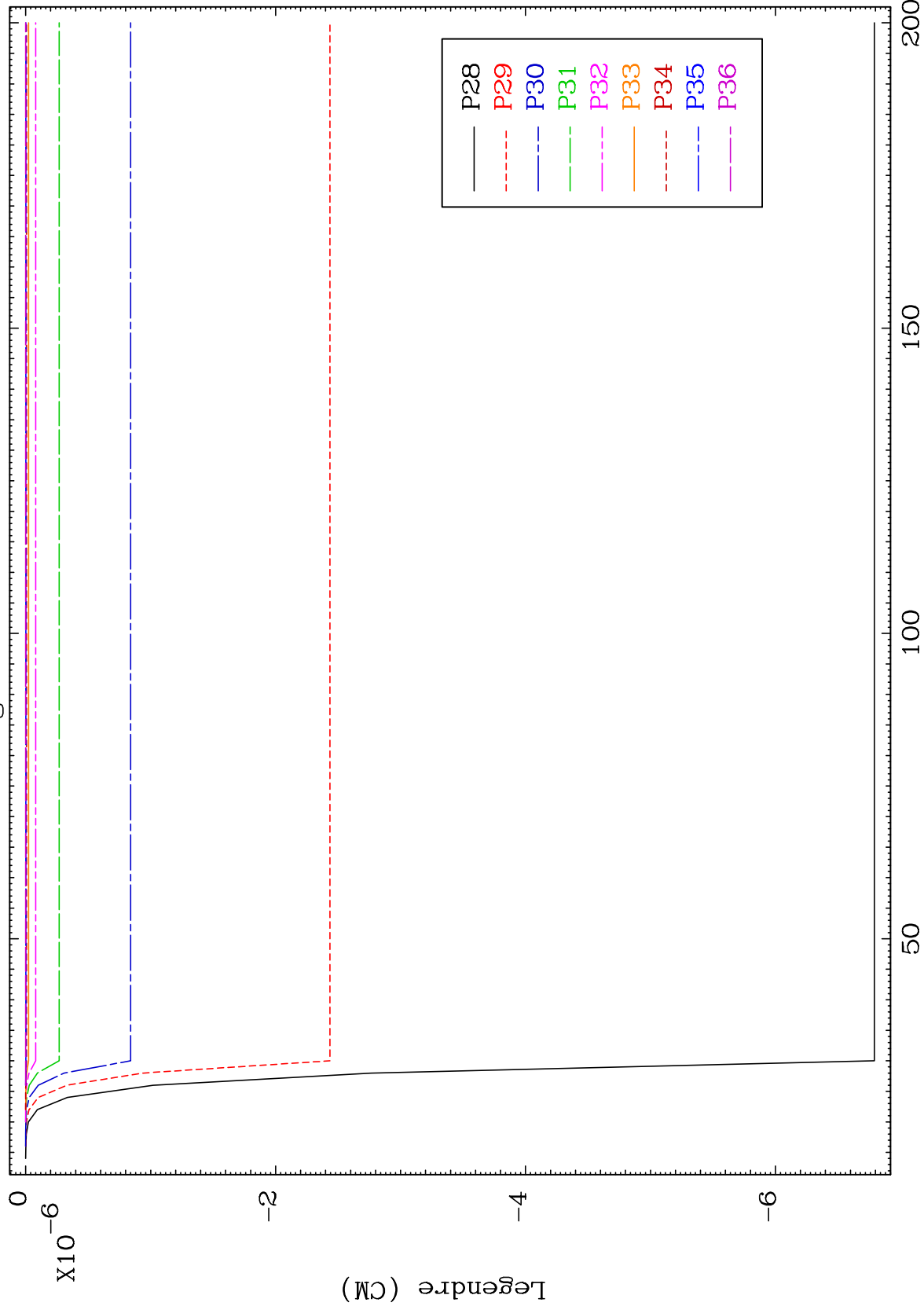


MAT 5934

MT= 51 (n,n') Level

59-Pr-144

Legendre Coefficients



59-Pr-144

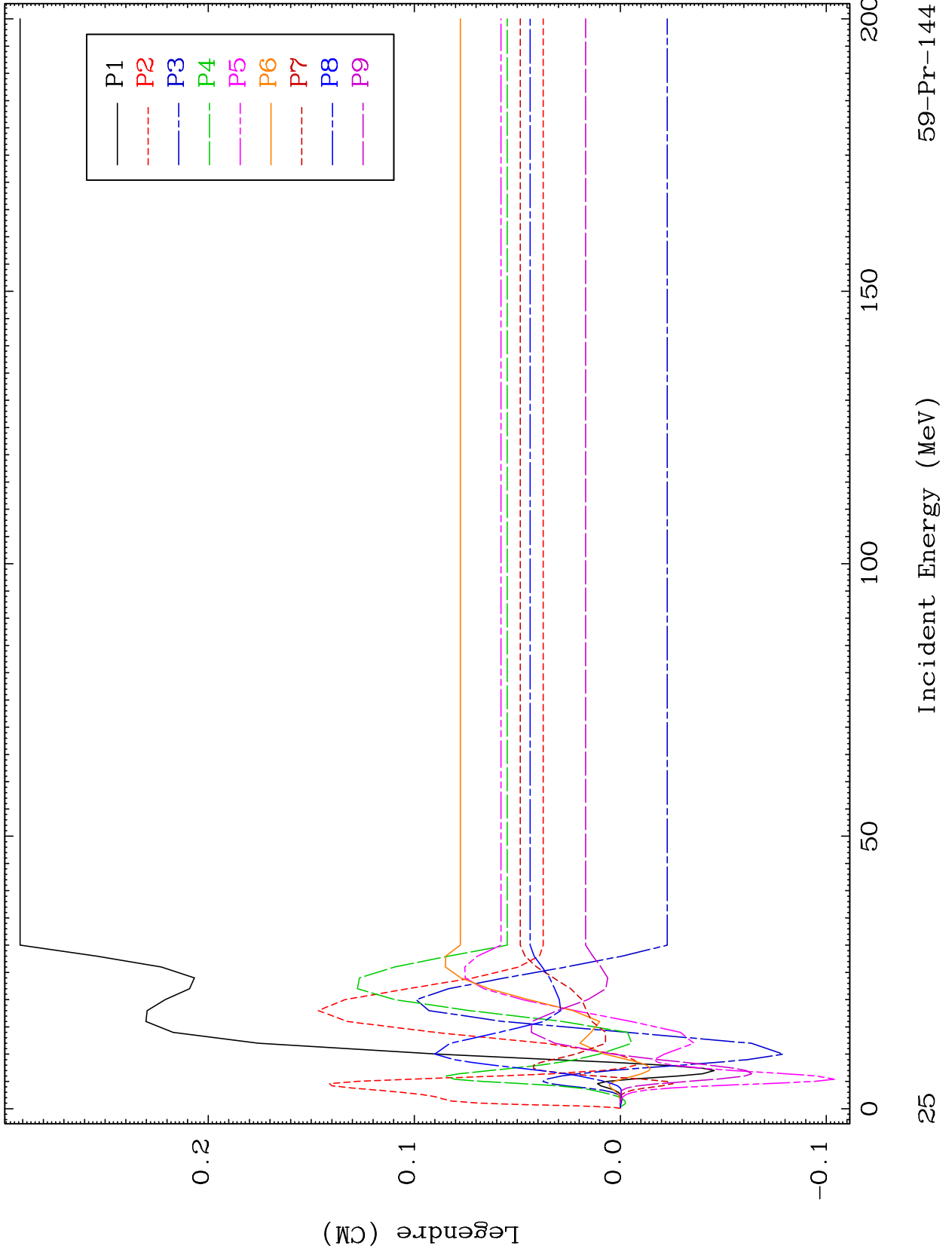
Incident Energy (MeV)

24

MAT 5934

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

59-Pr-144



59-Pr-144

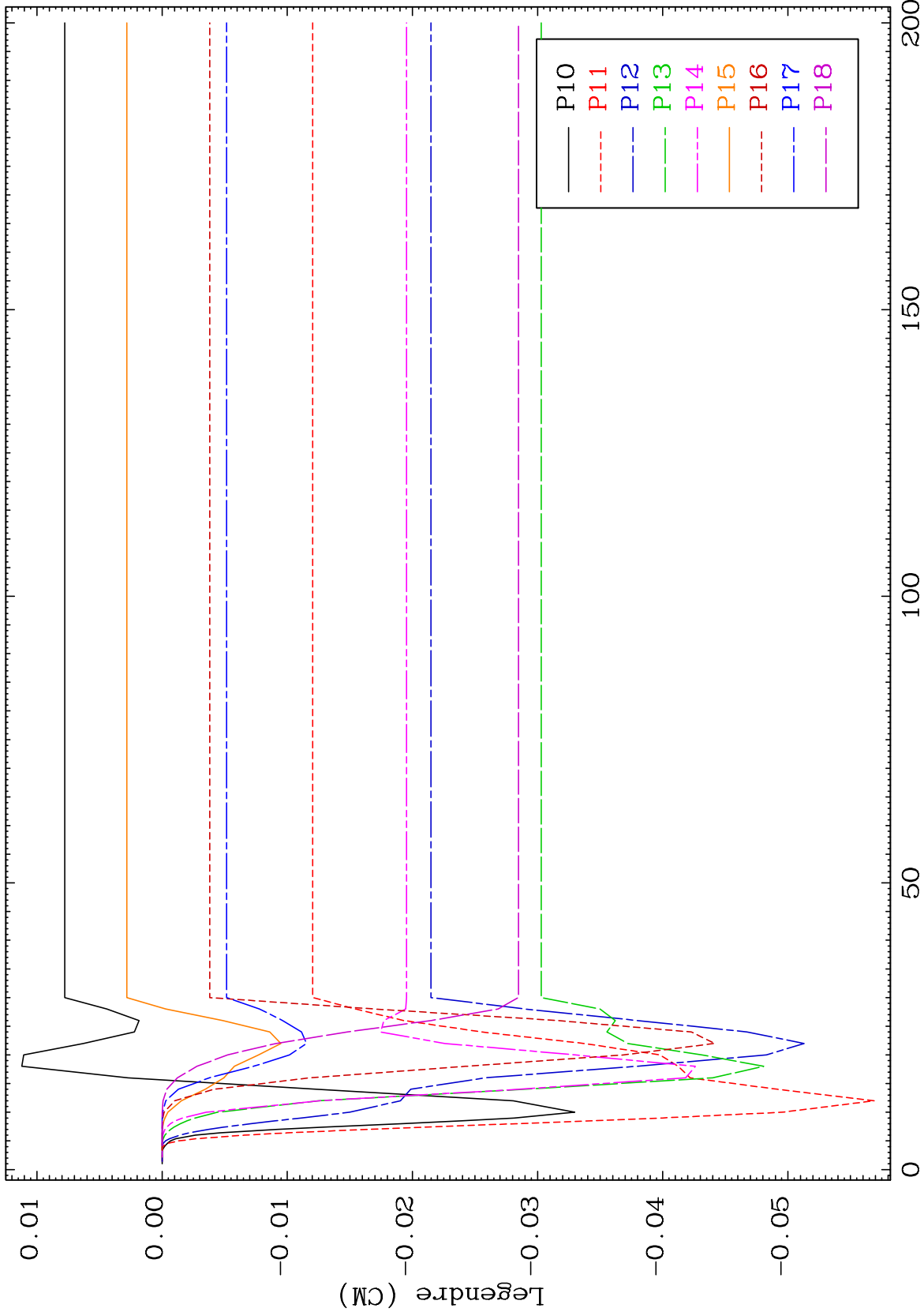
Incident Energy (MeV)

25

MAT 5934

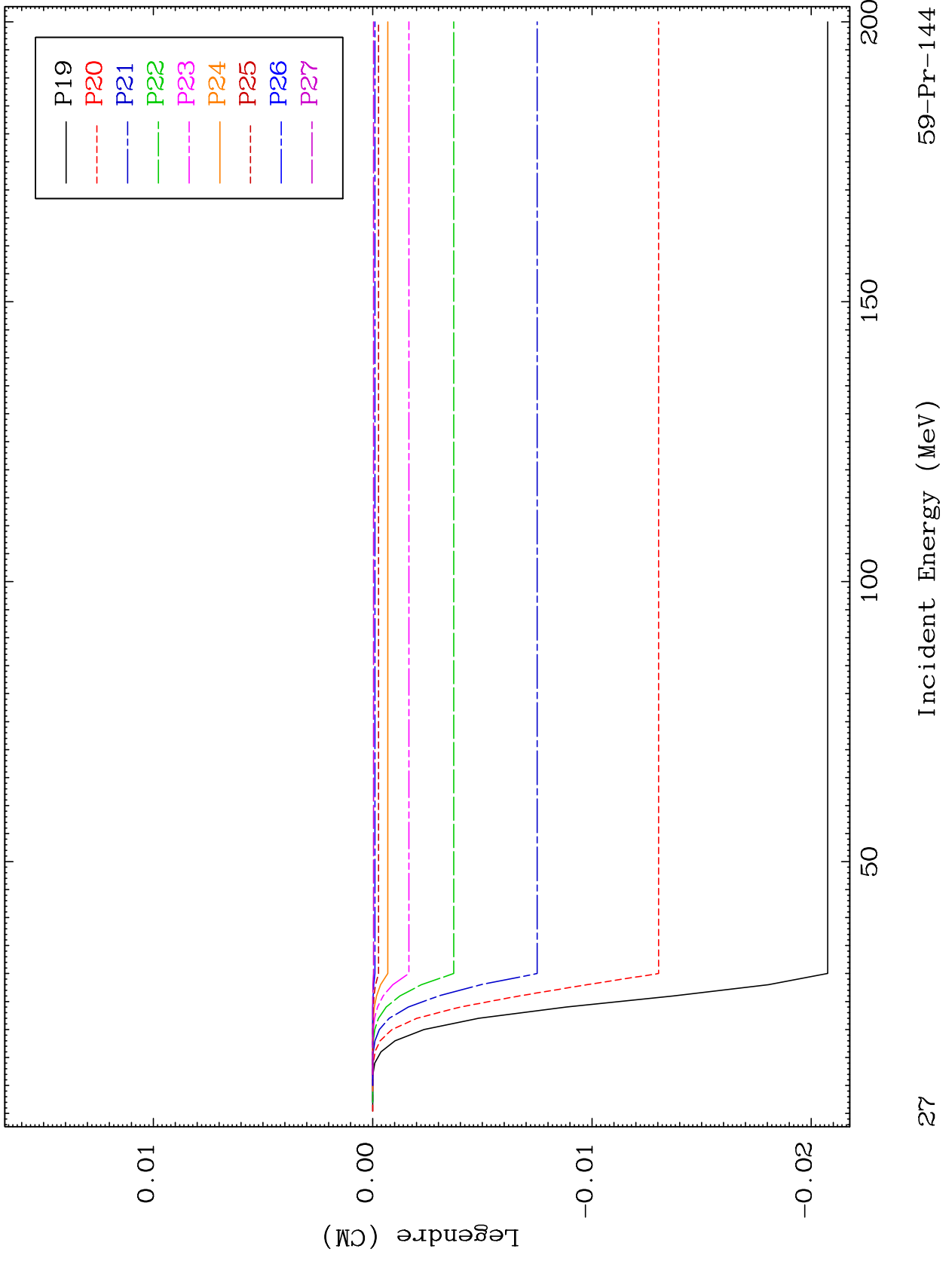
MT= 52 (n,n') Level  
Legendre Coefficients

59-Pr-144



26

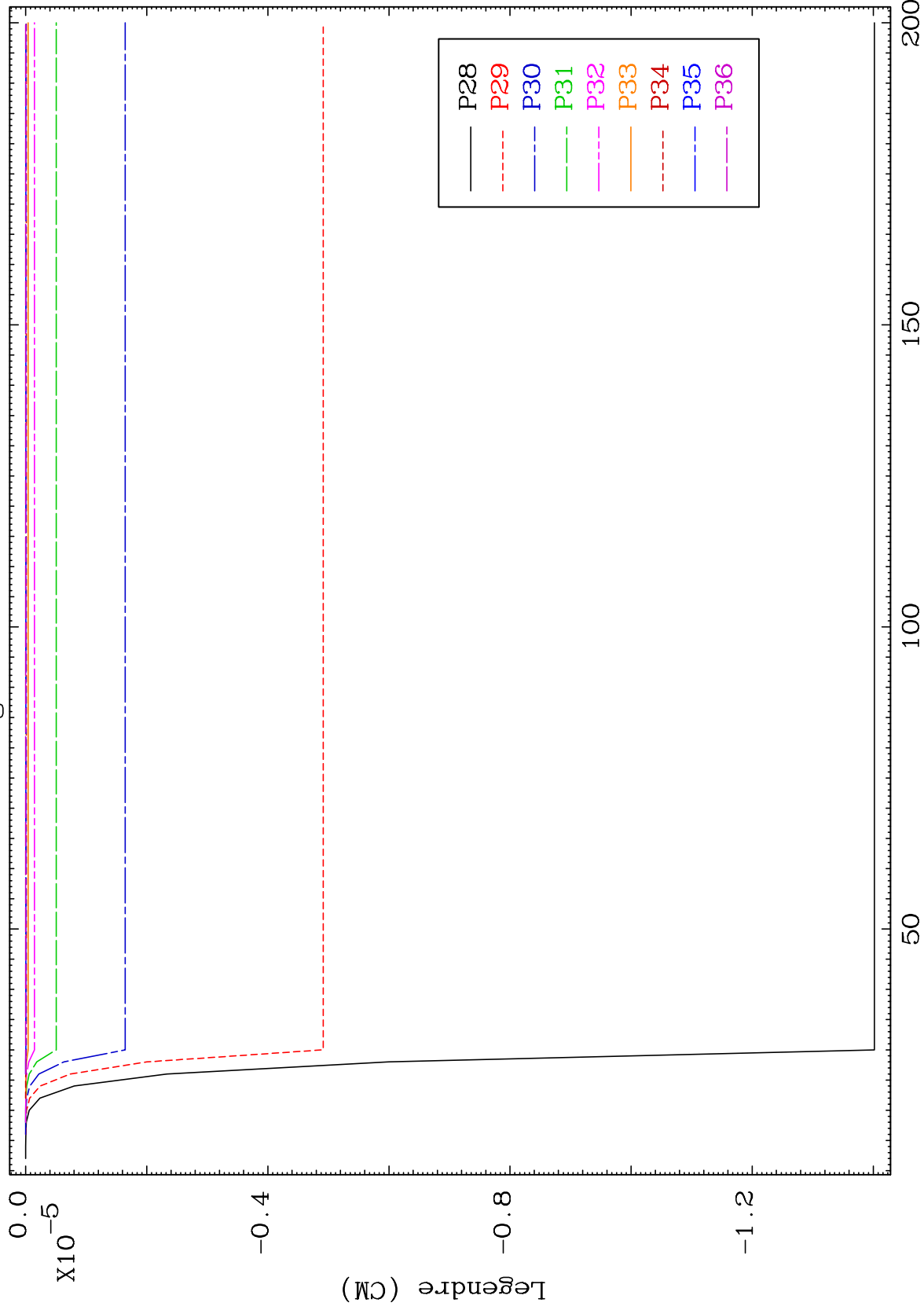
59-Pr-144



MAT 5934

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

59-Pr-144



28

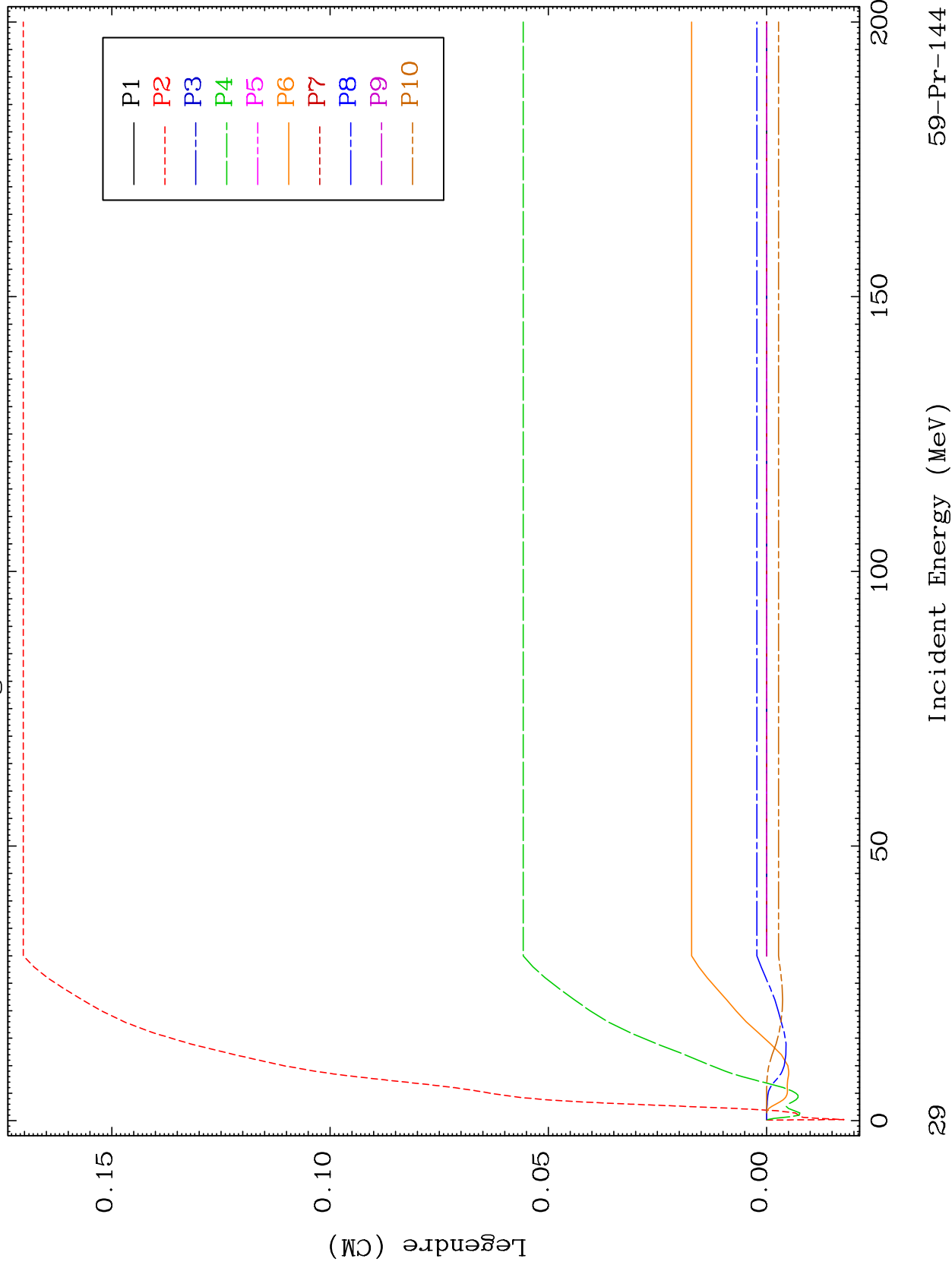
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

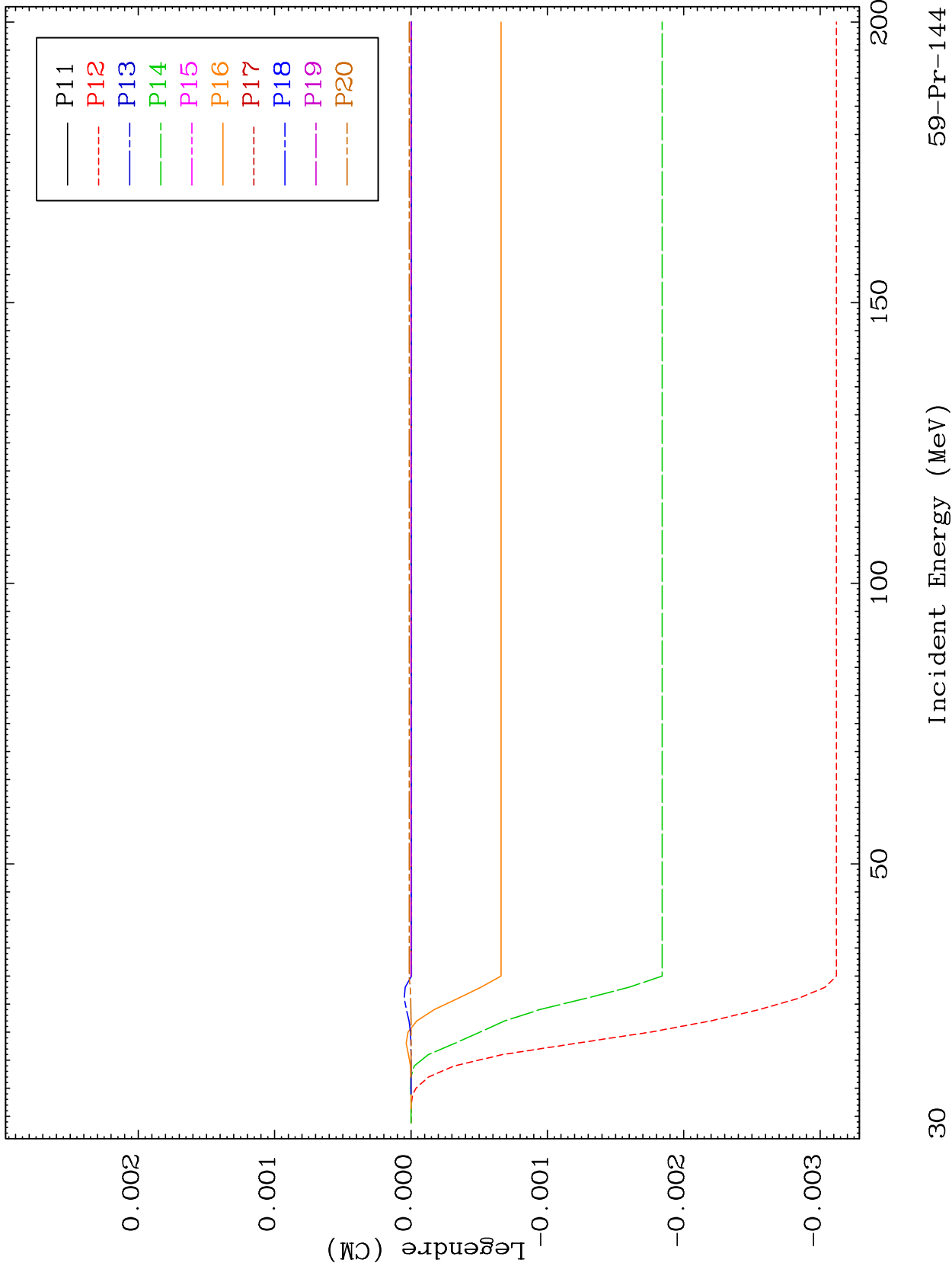
Incident Energy (MeV)

29

MAT 5934

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

59-Pr-144



30

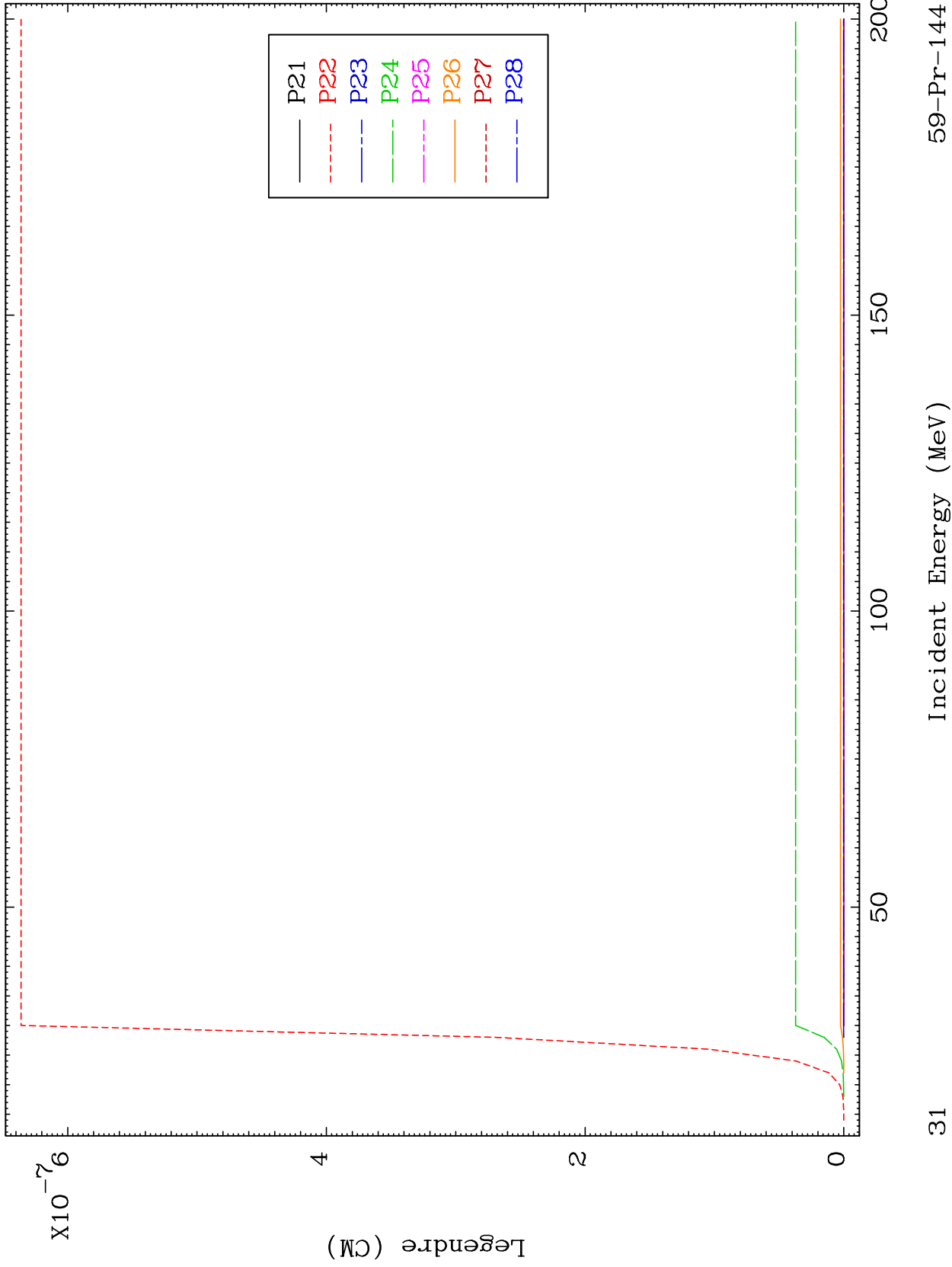
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



31

Incident Energy (MeV)

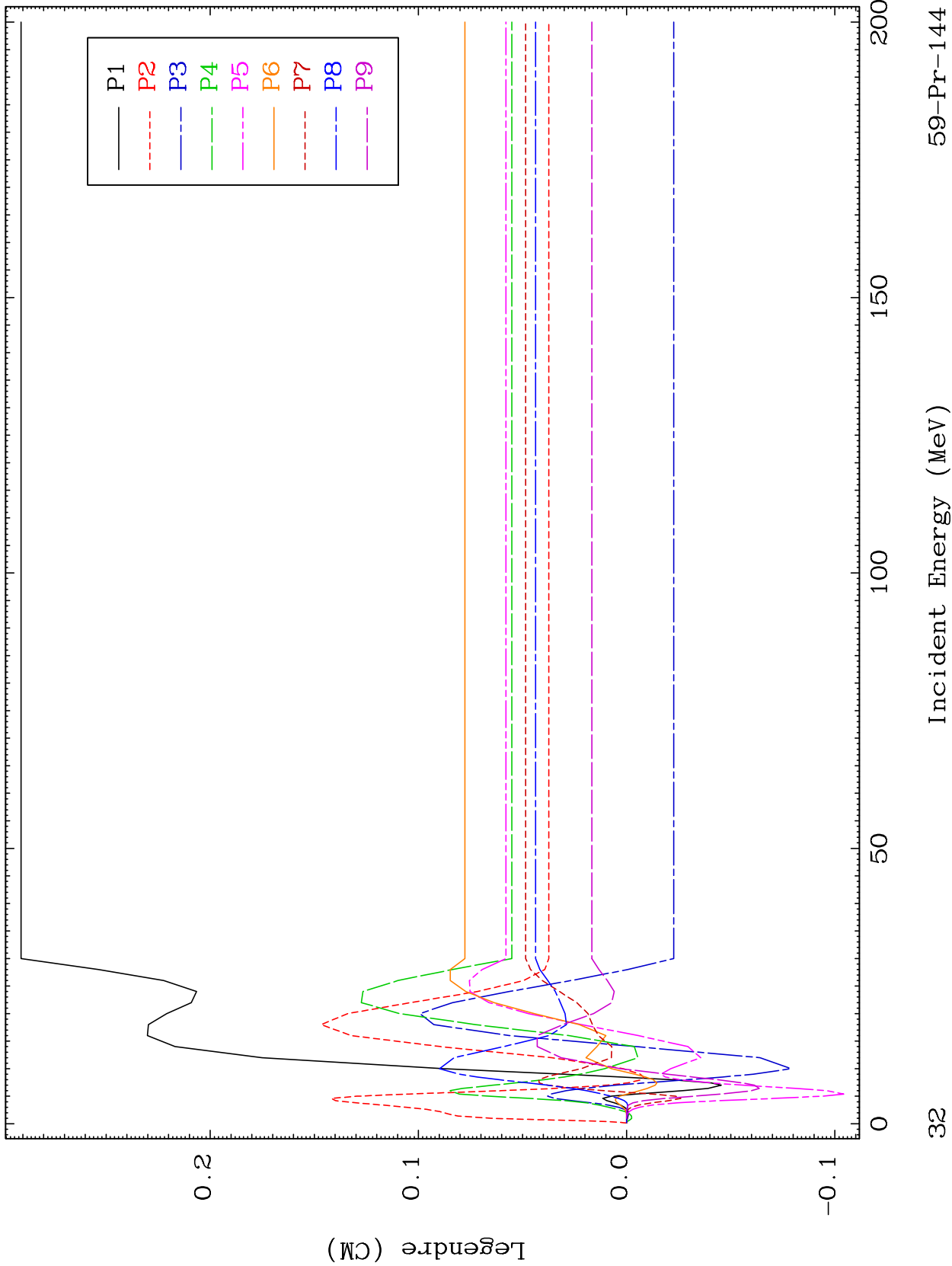
59-Pr-144



MAT 5934

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

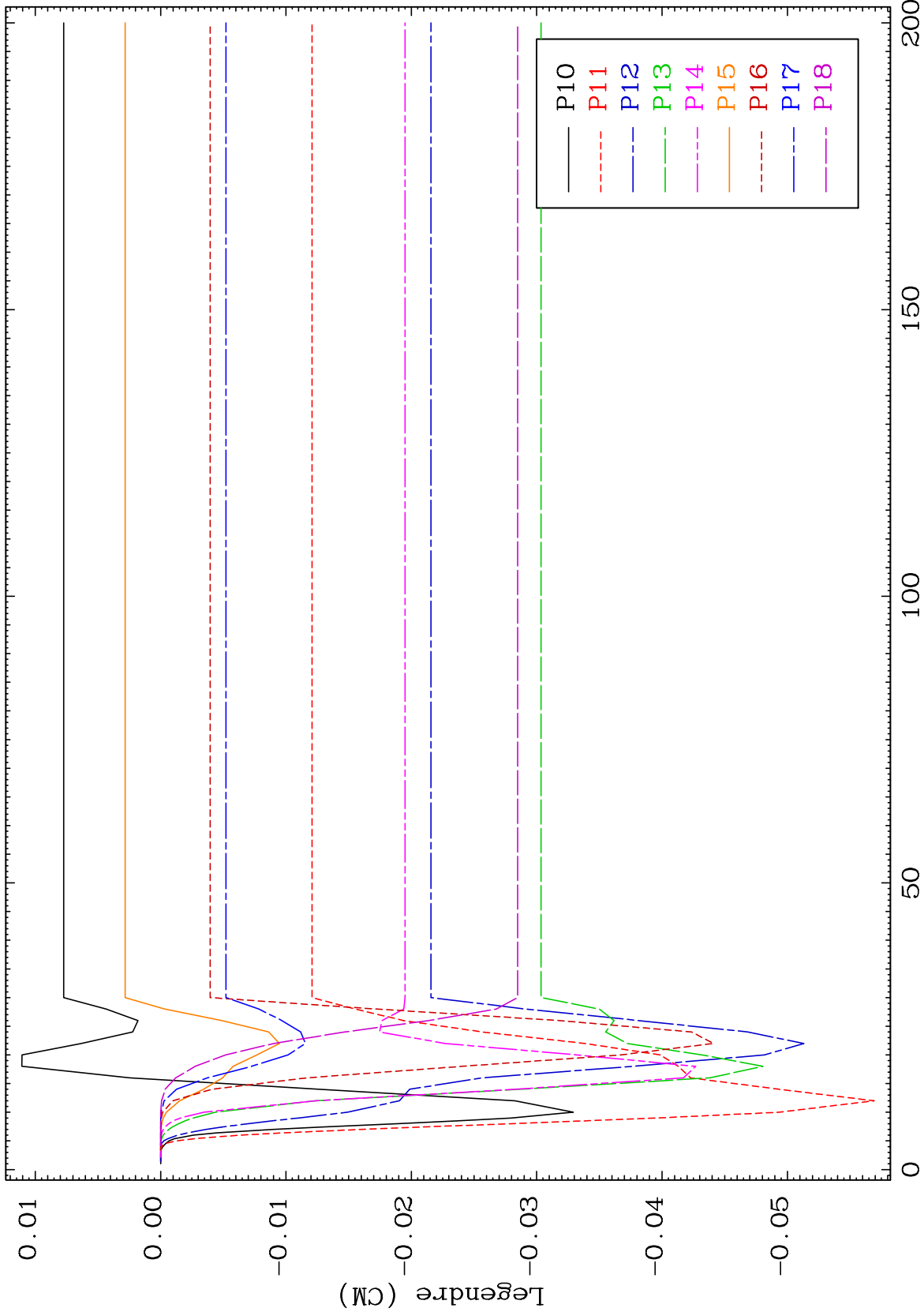
59-Pr-144



59-Pr-144

Incident Energy (MeV)

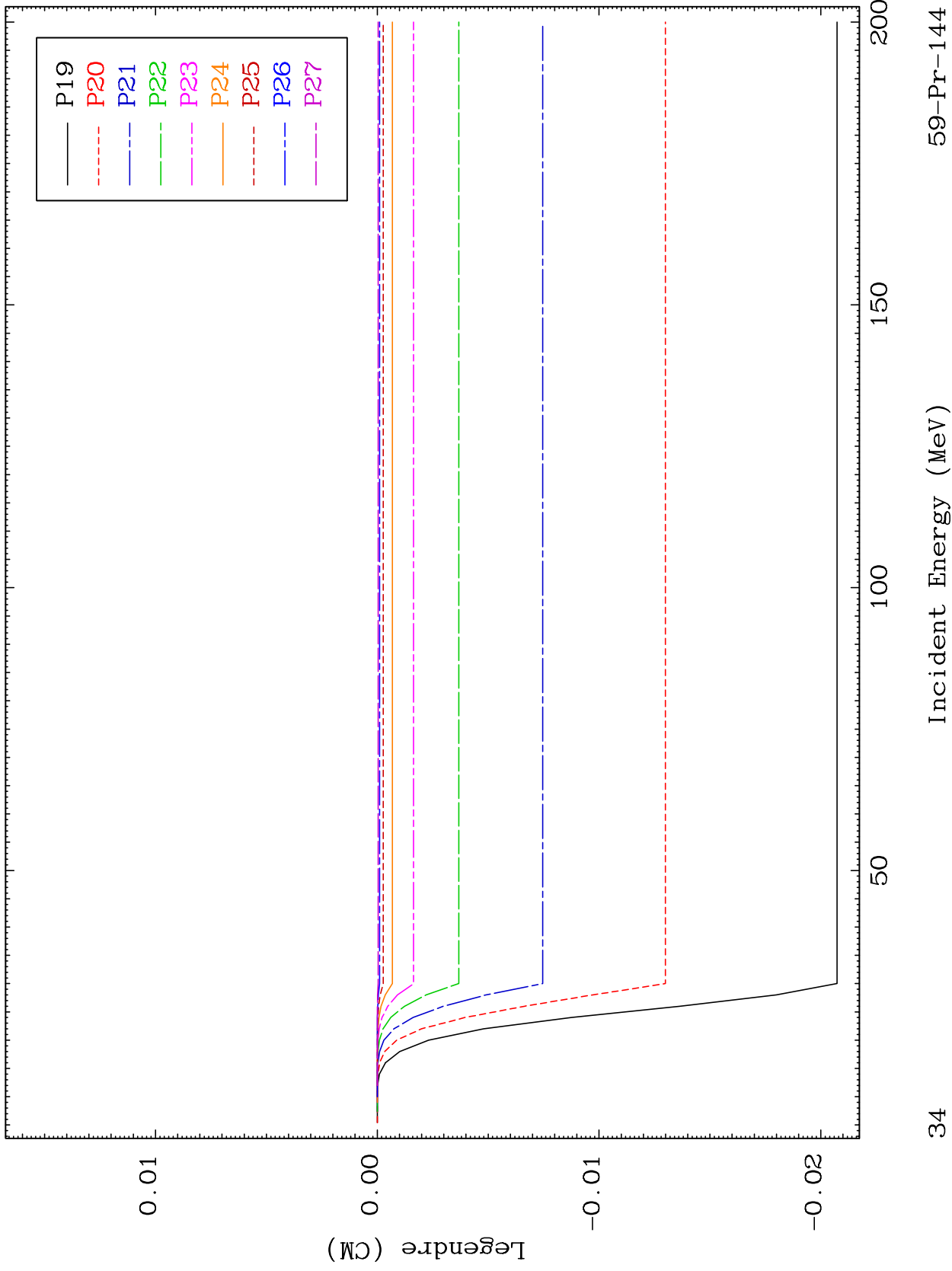
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MAT 5934

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

59-Pr-144



34

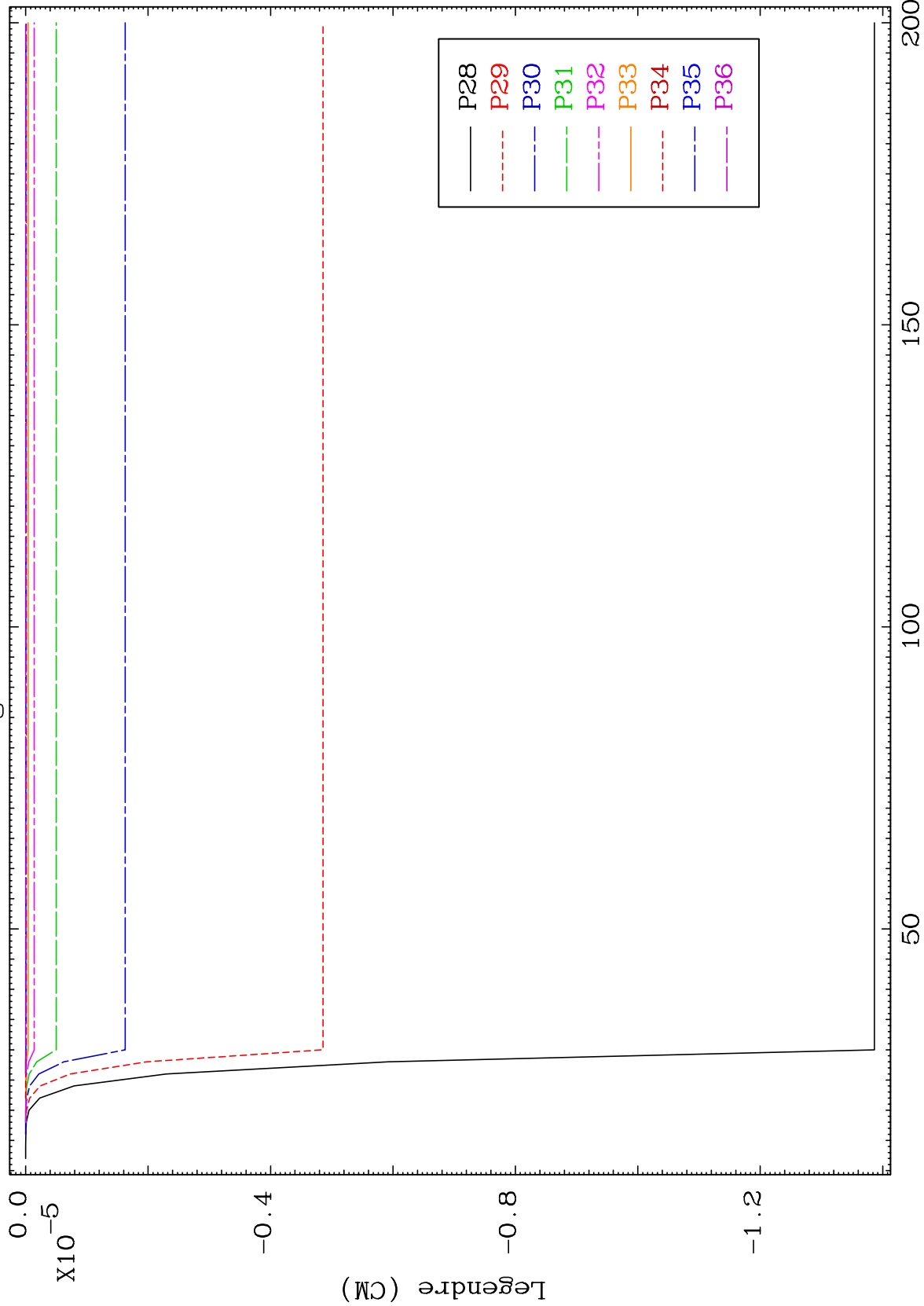
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



35

Incident Energy (MeV)

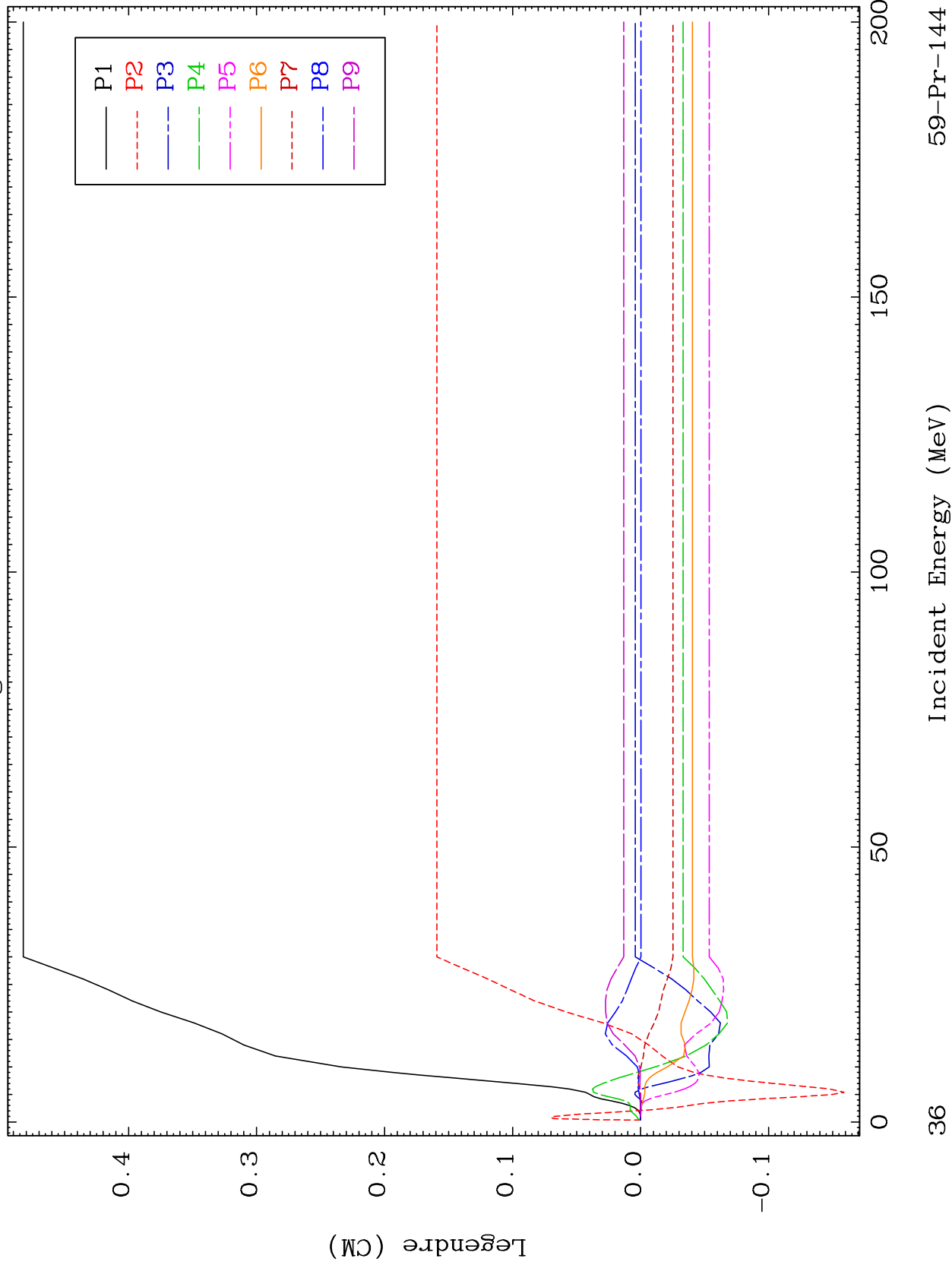
59-Pr-144

MAT 5934

MT= 55 (n,n') Level

59-Pr-144

Legendre Coefficients



36

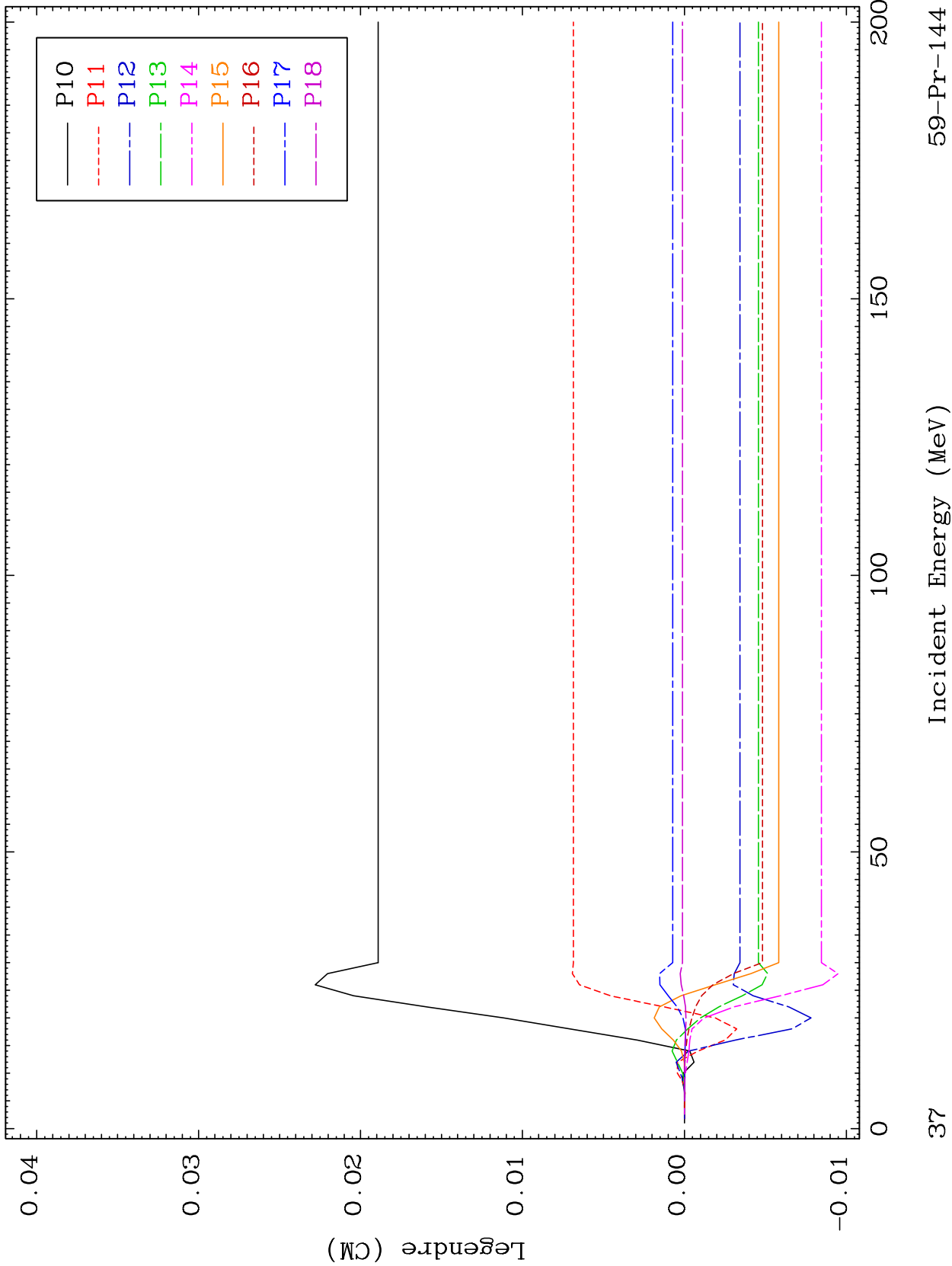
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

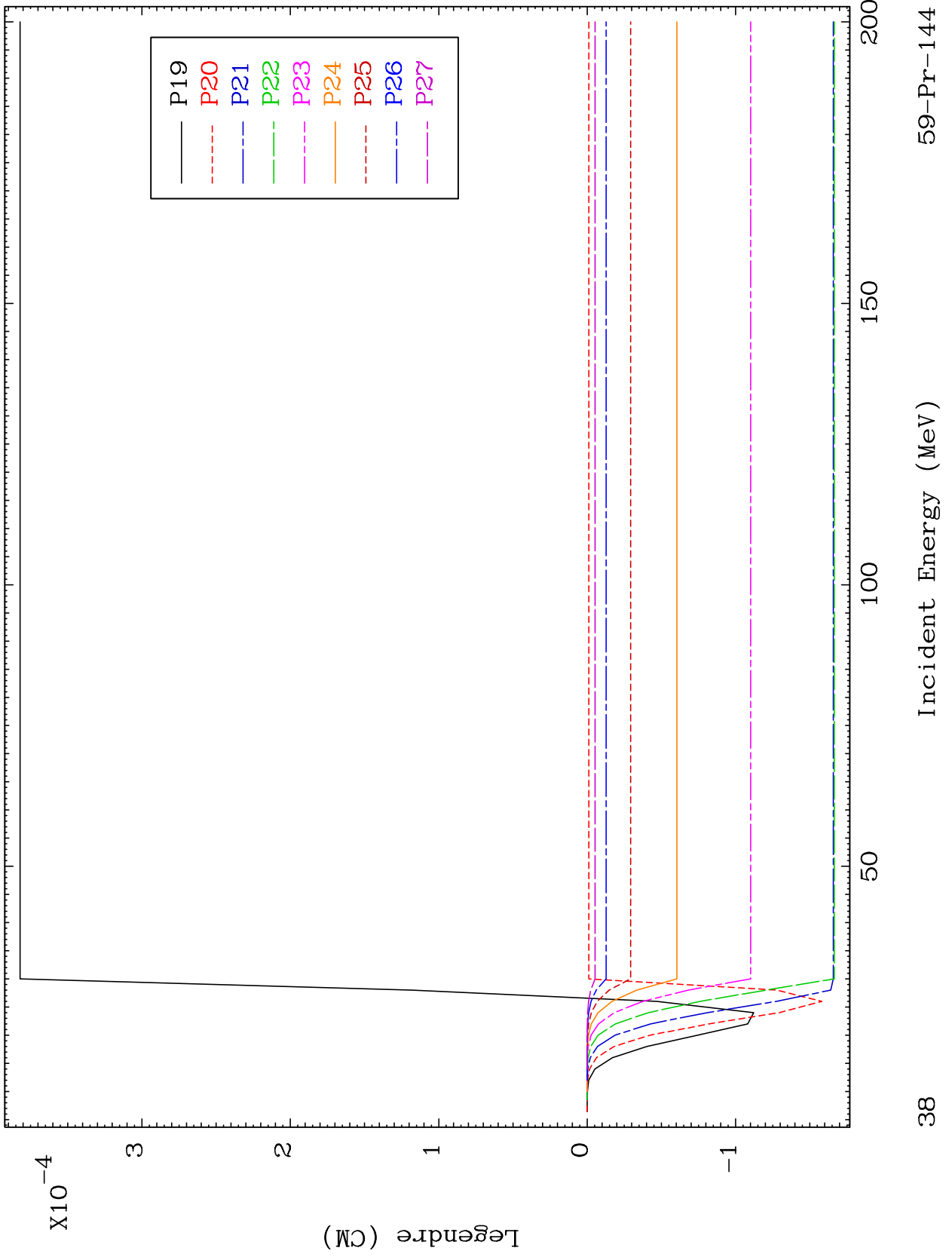
59-Pr-144



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Incident Energy (MeV)

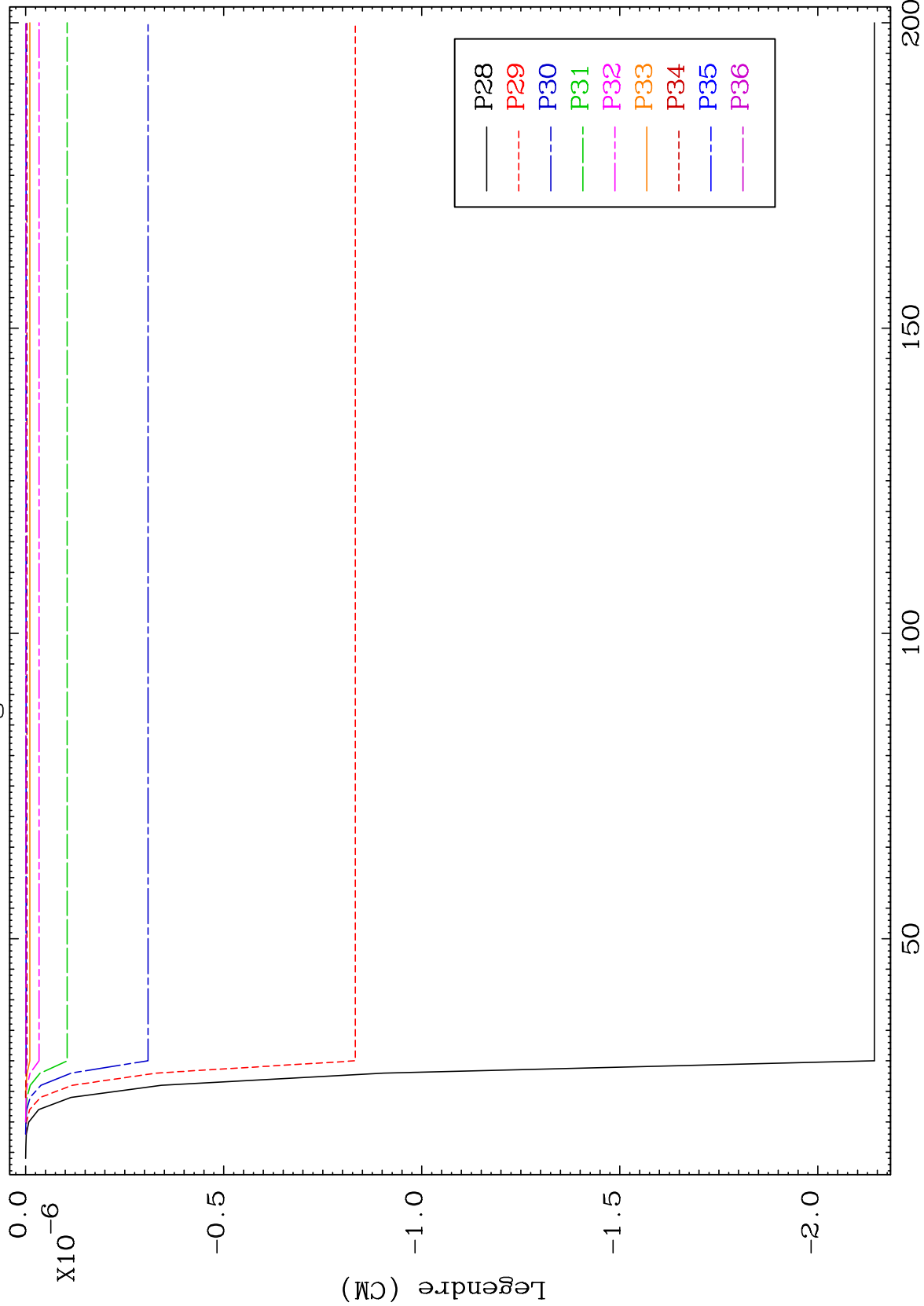
59-Pr-144



MAT 5934

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

59-Pr-144



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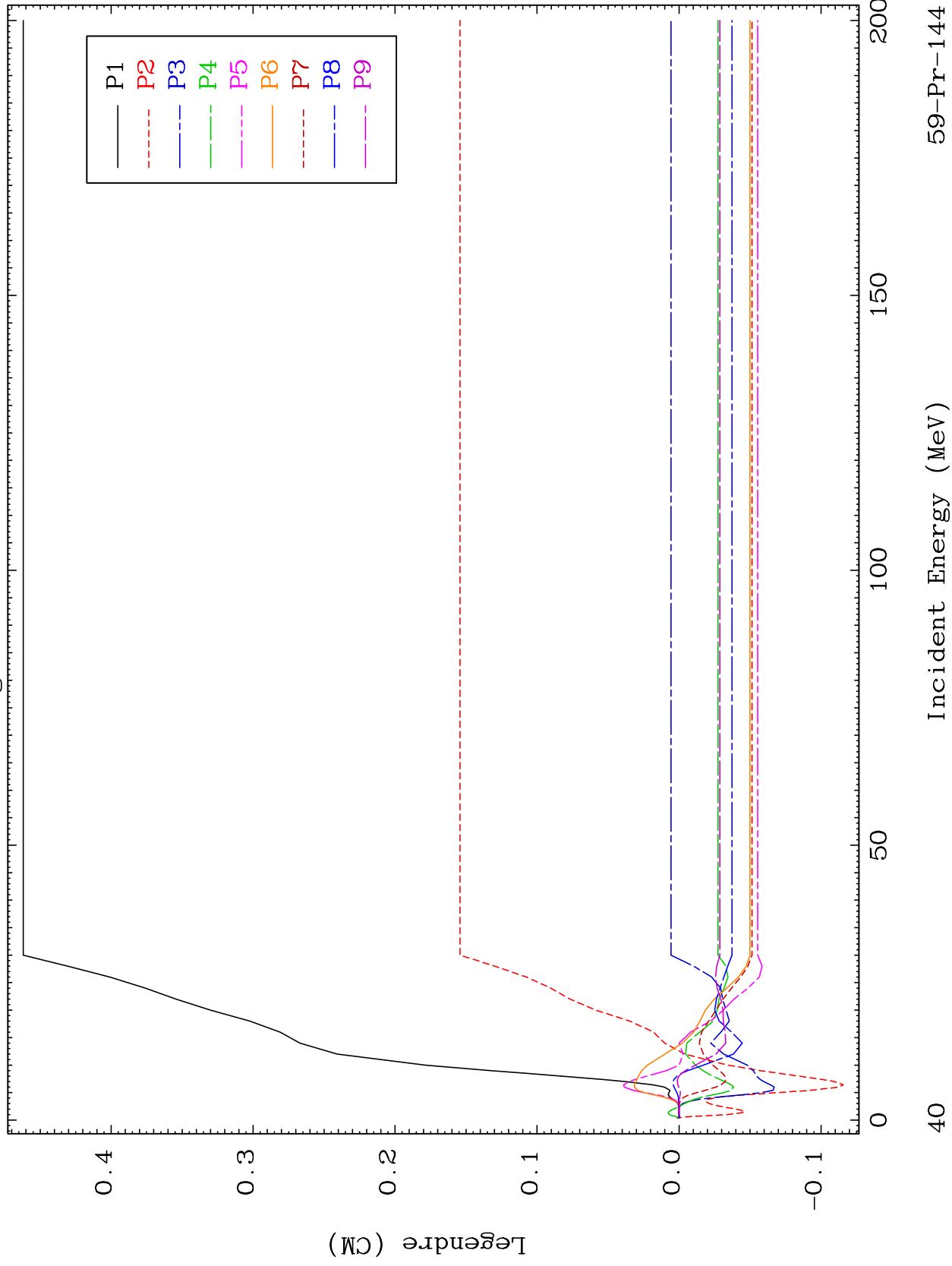
59-Pr-144



MAT 5934

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

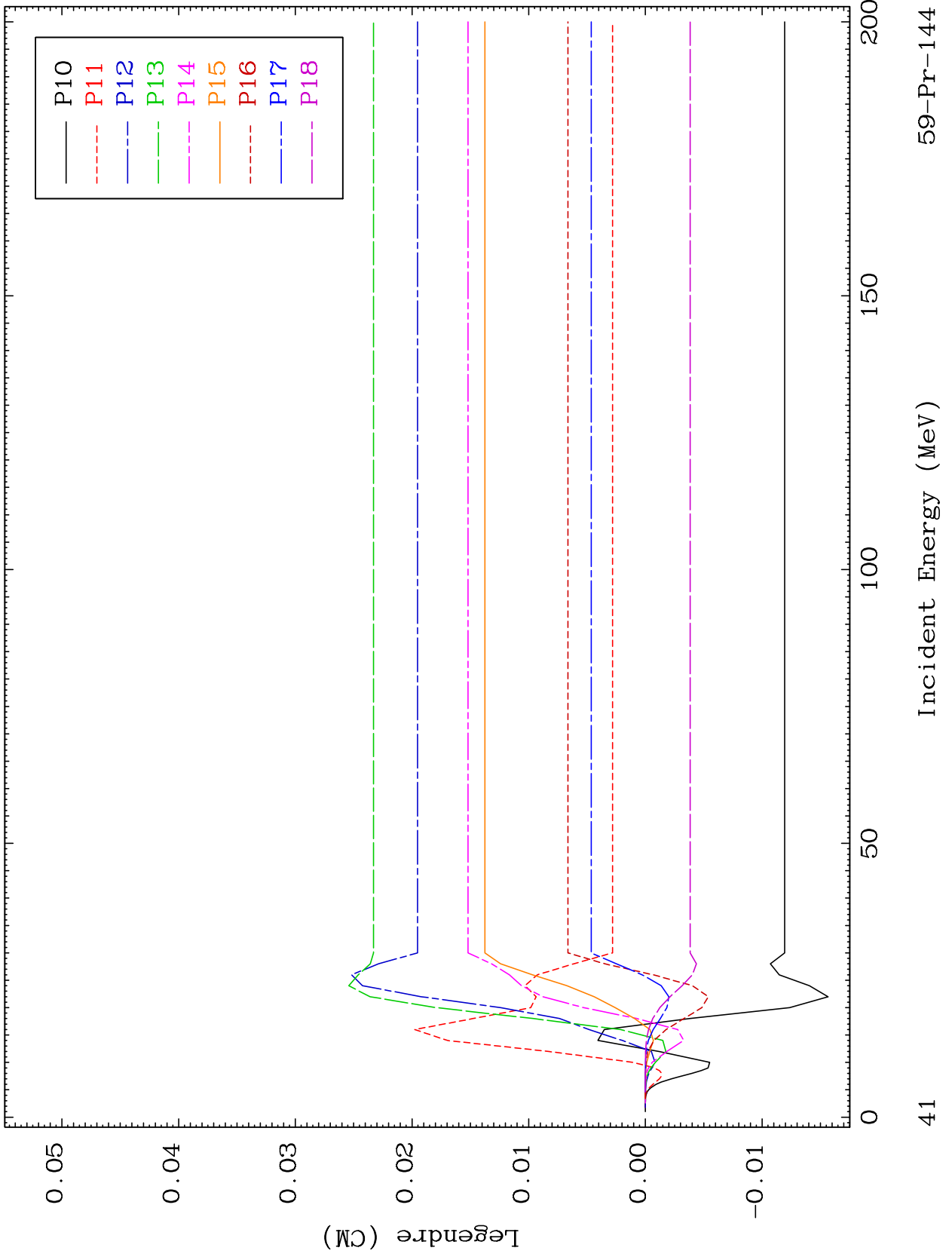
59-Pr-144



MAT 5934

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

59-Pr-144



41

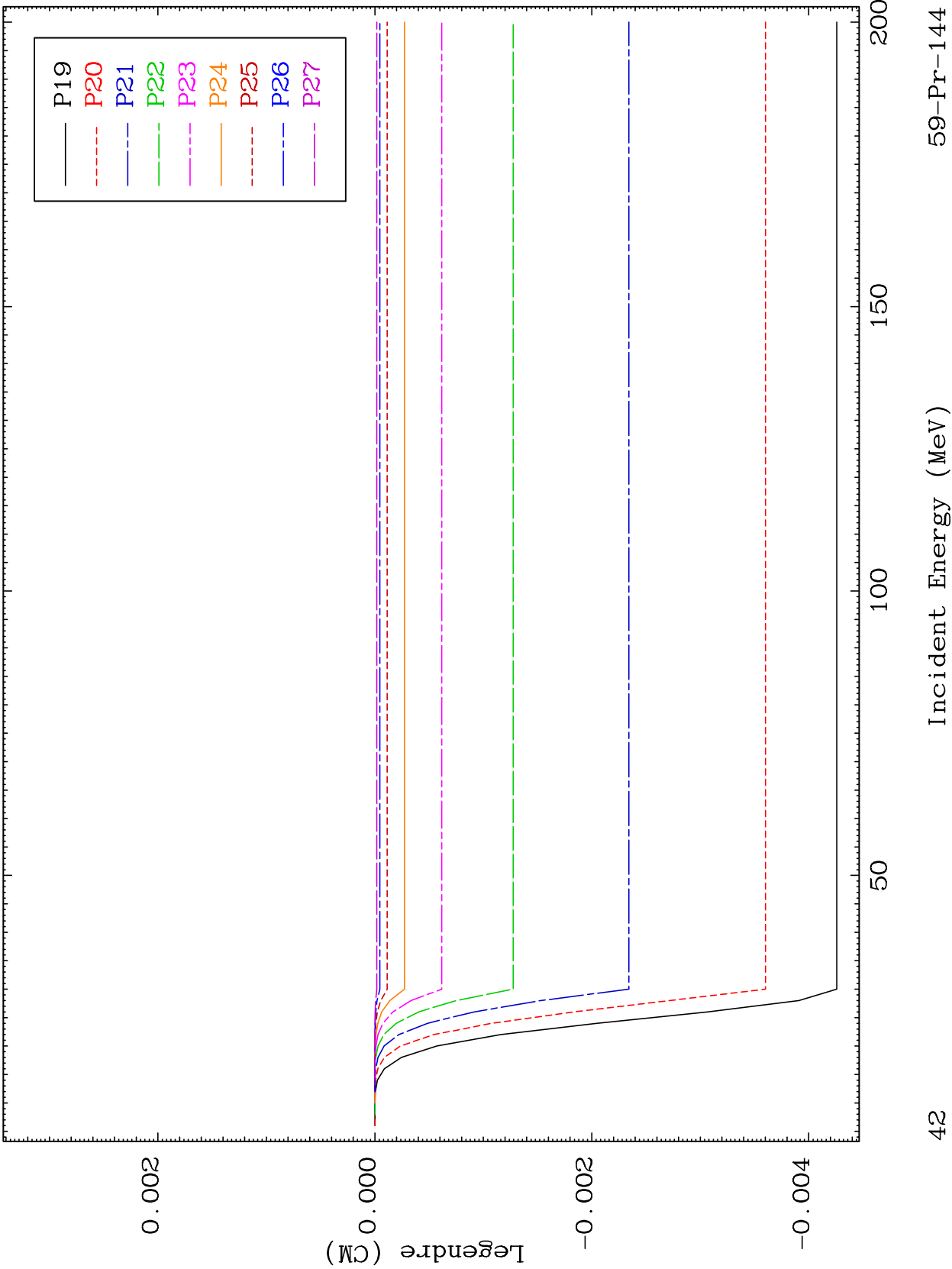
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



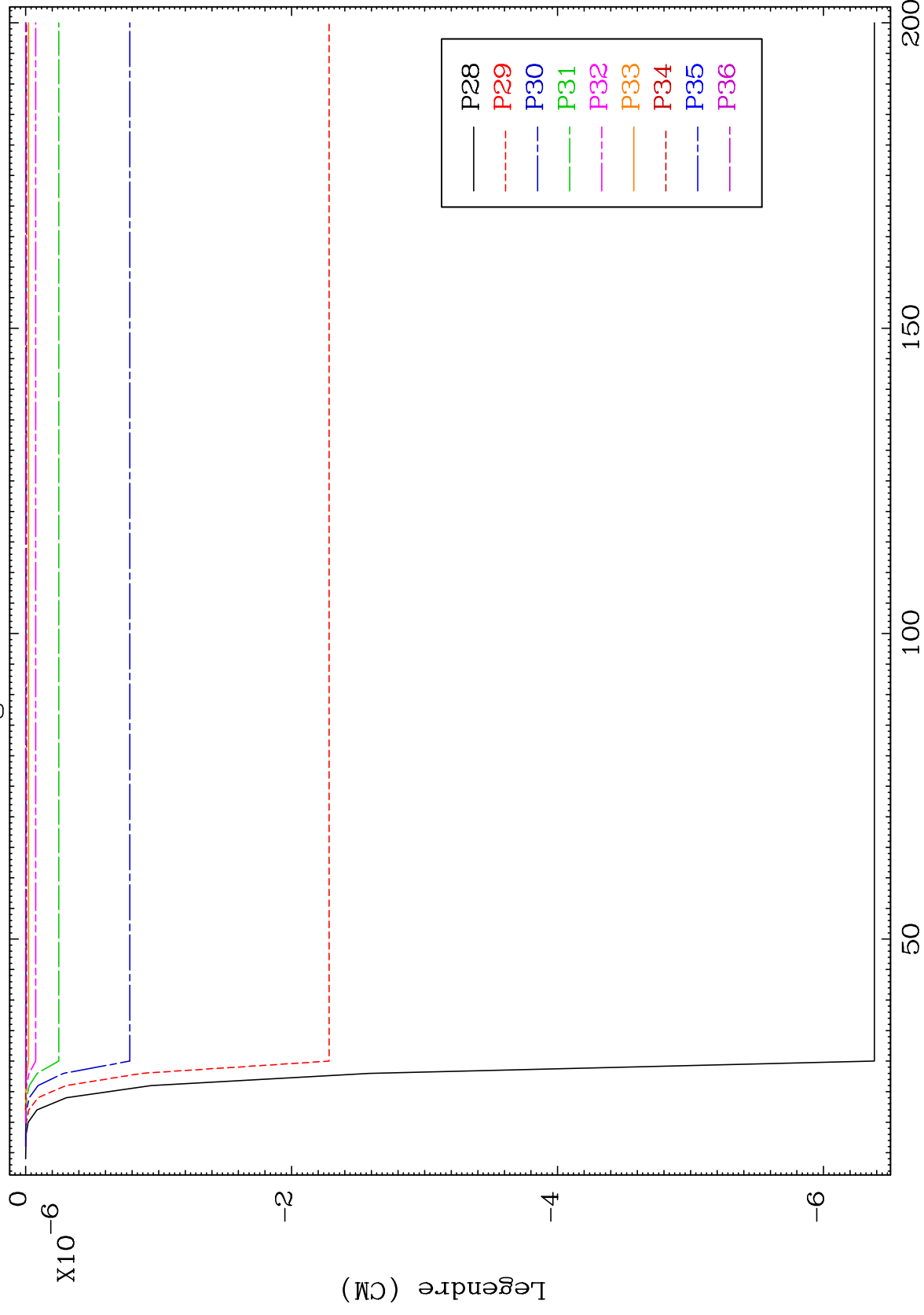
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59-Pr-144

MAT 5934

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

59-Pr-144



43

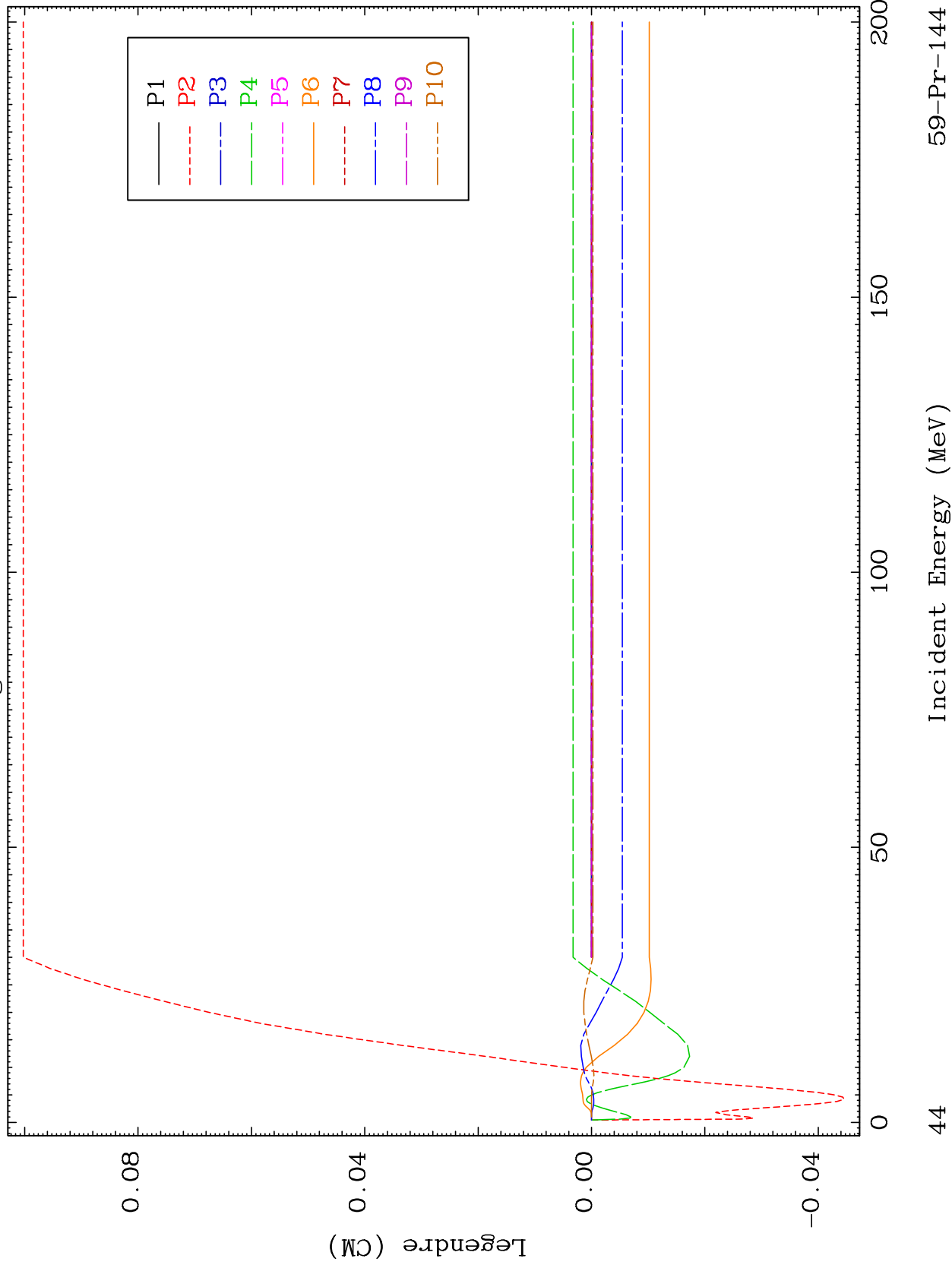
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

Incident Energy (MeV)

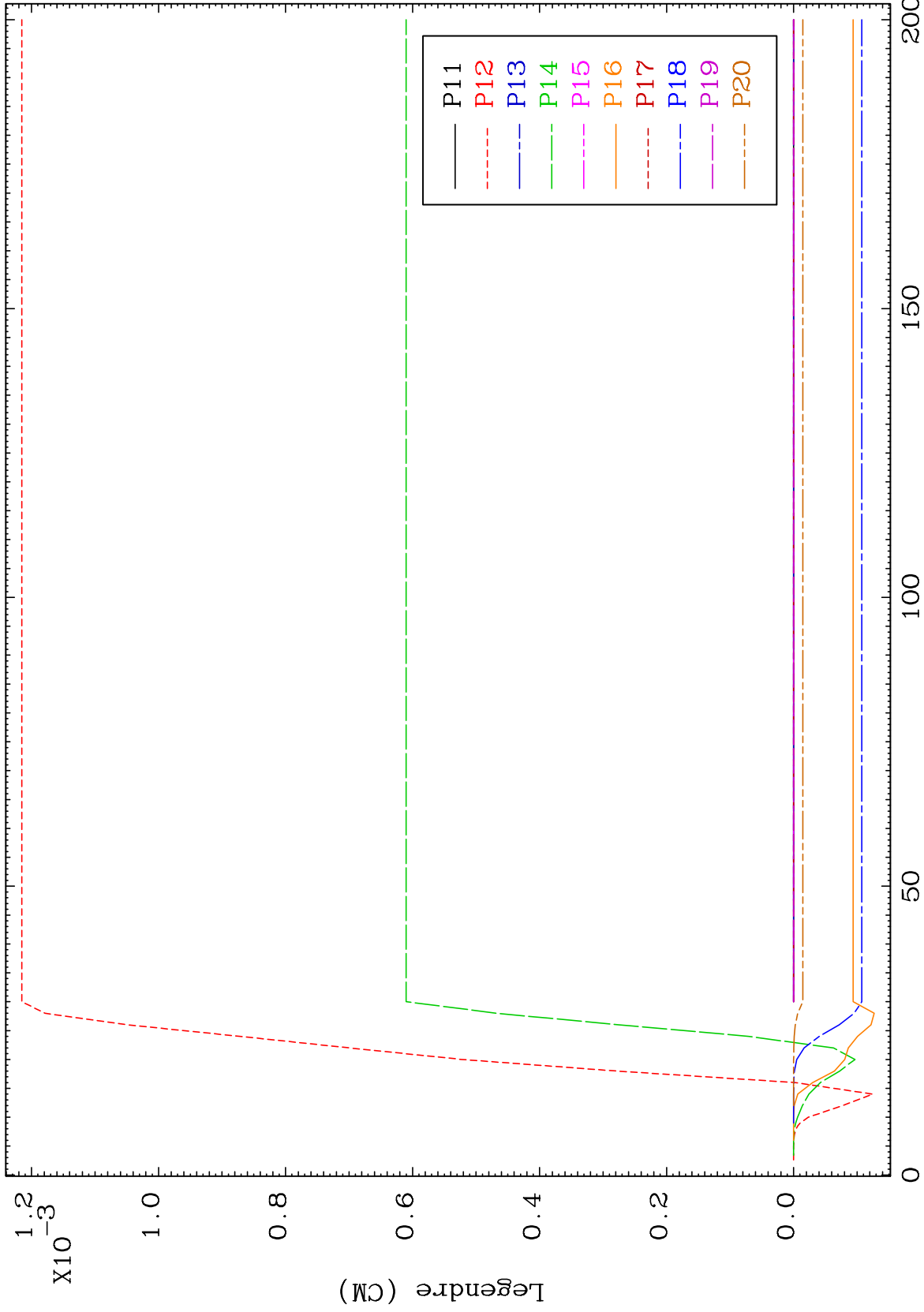
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MAT 5934

MT= 57 (n,n') Level

59-Pr-144

Legendre Coefficients



45

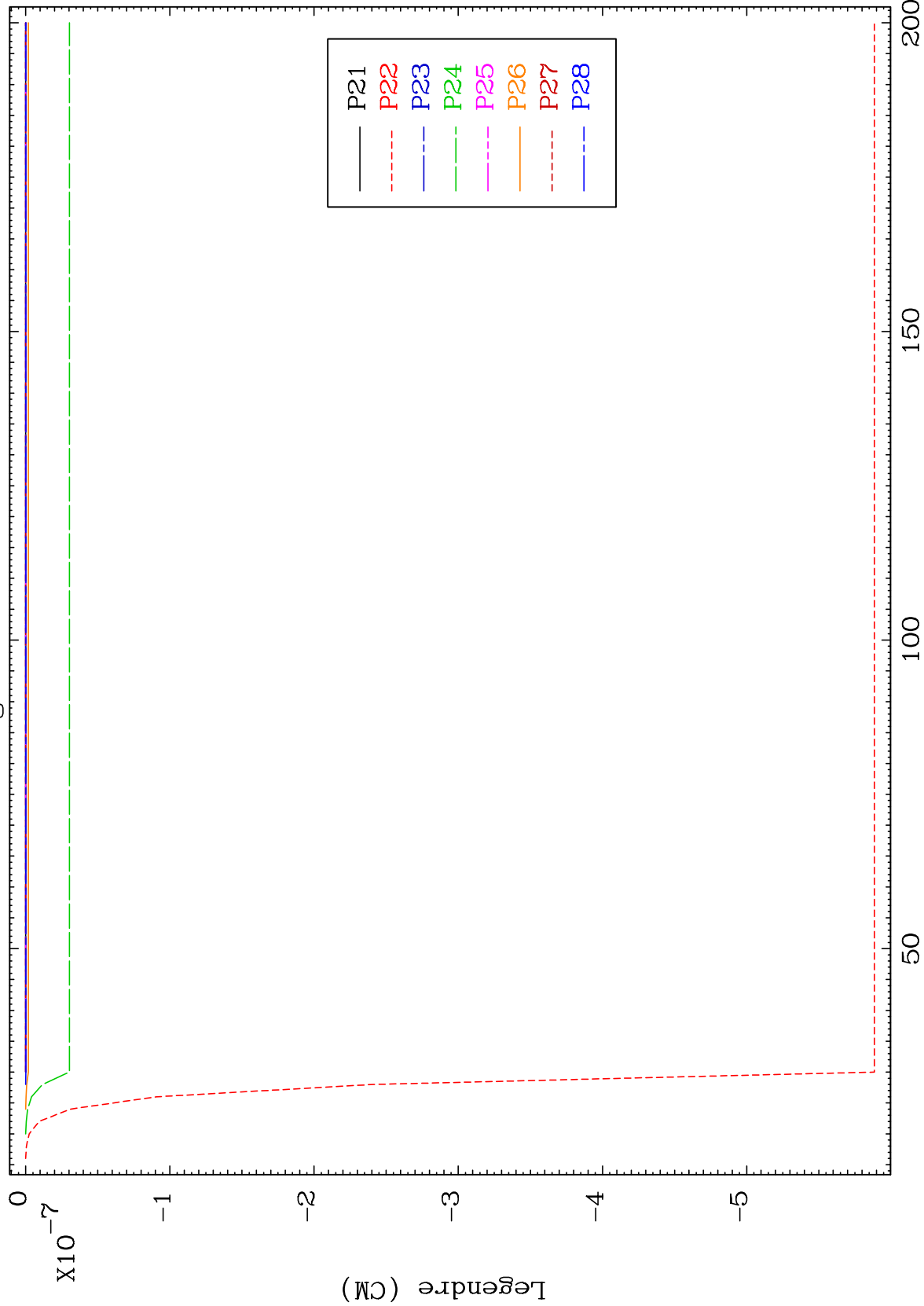
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



46

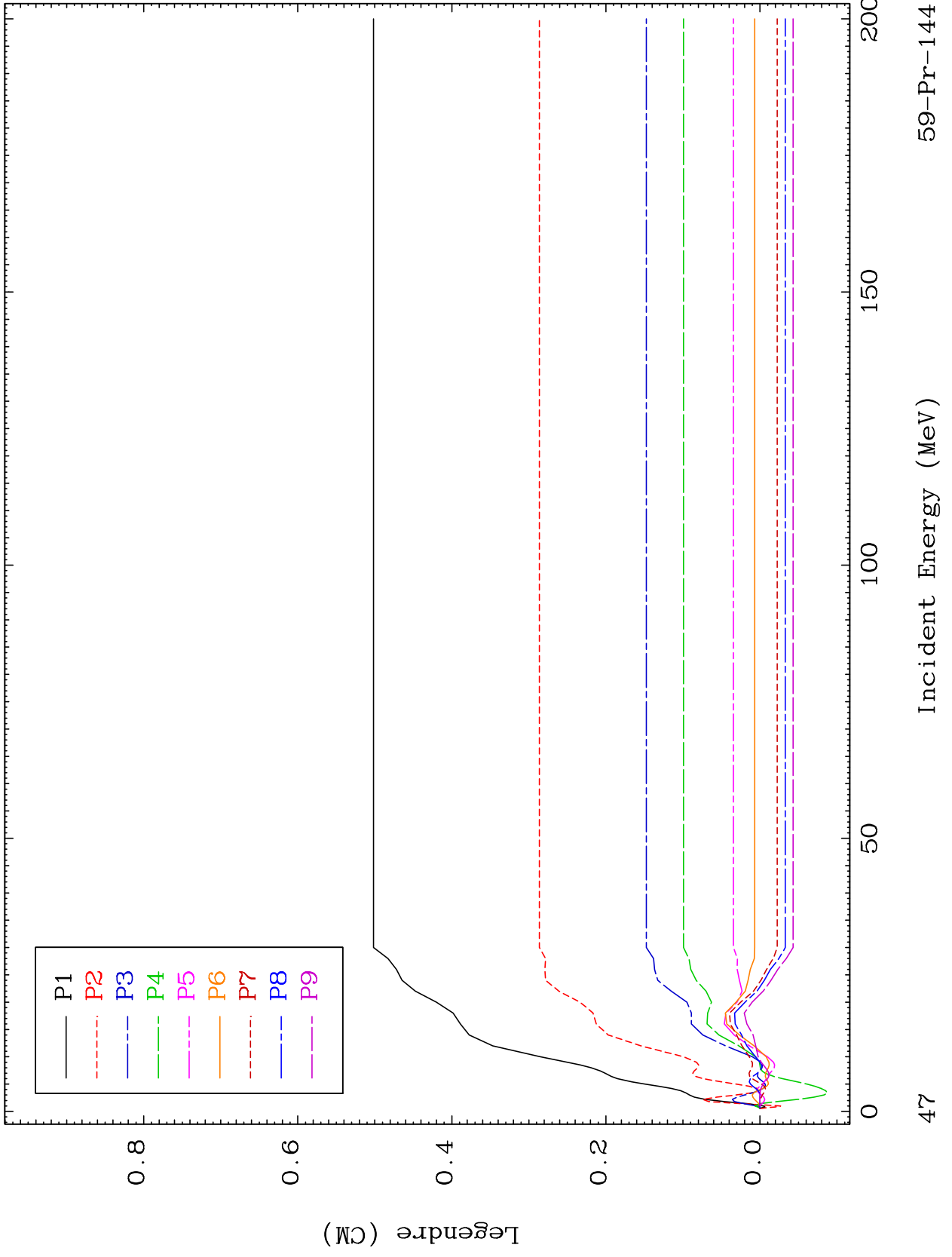
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

Incident Energy (MeV)

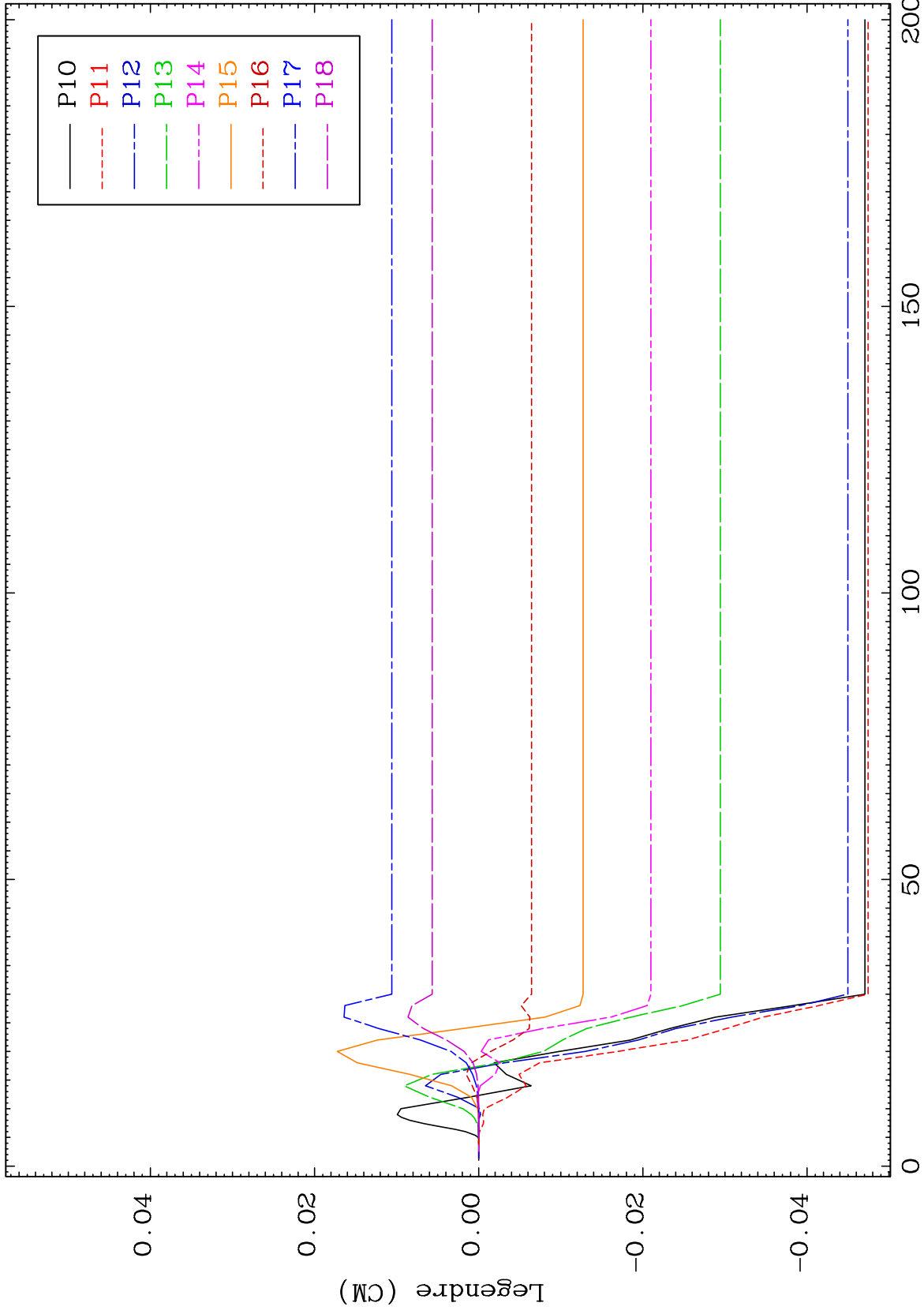
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MAT 5934

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

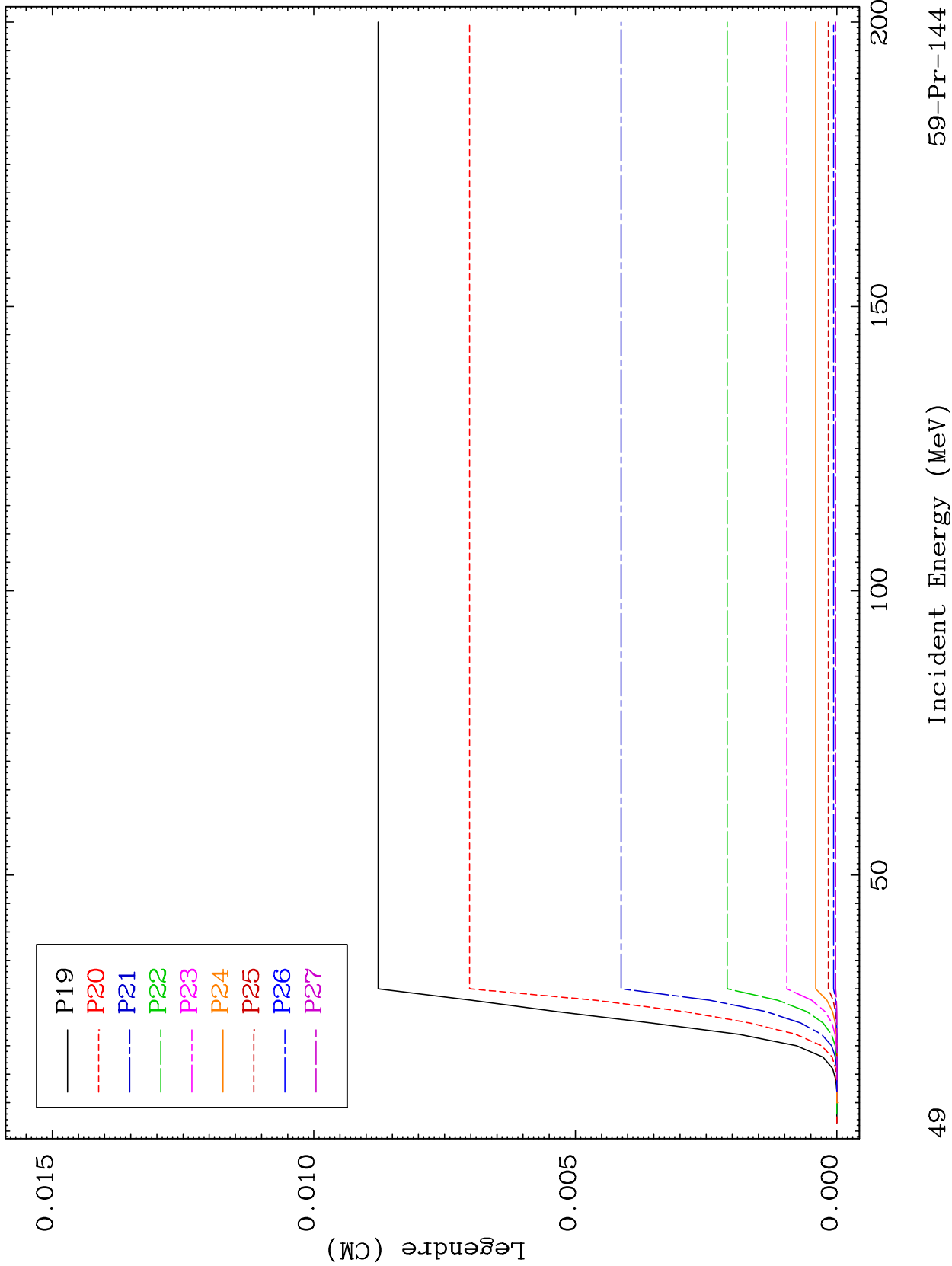
59-Pr-144



59-Pr-144

Incident Energy (MeV)

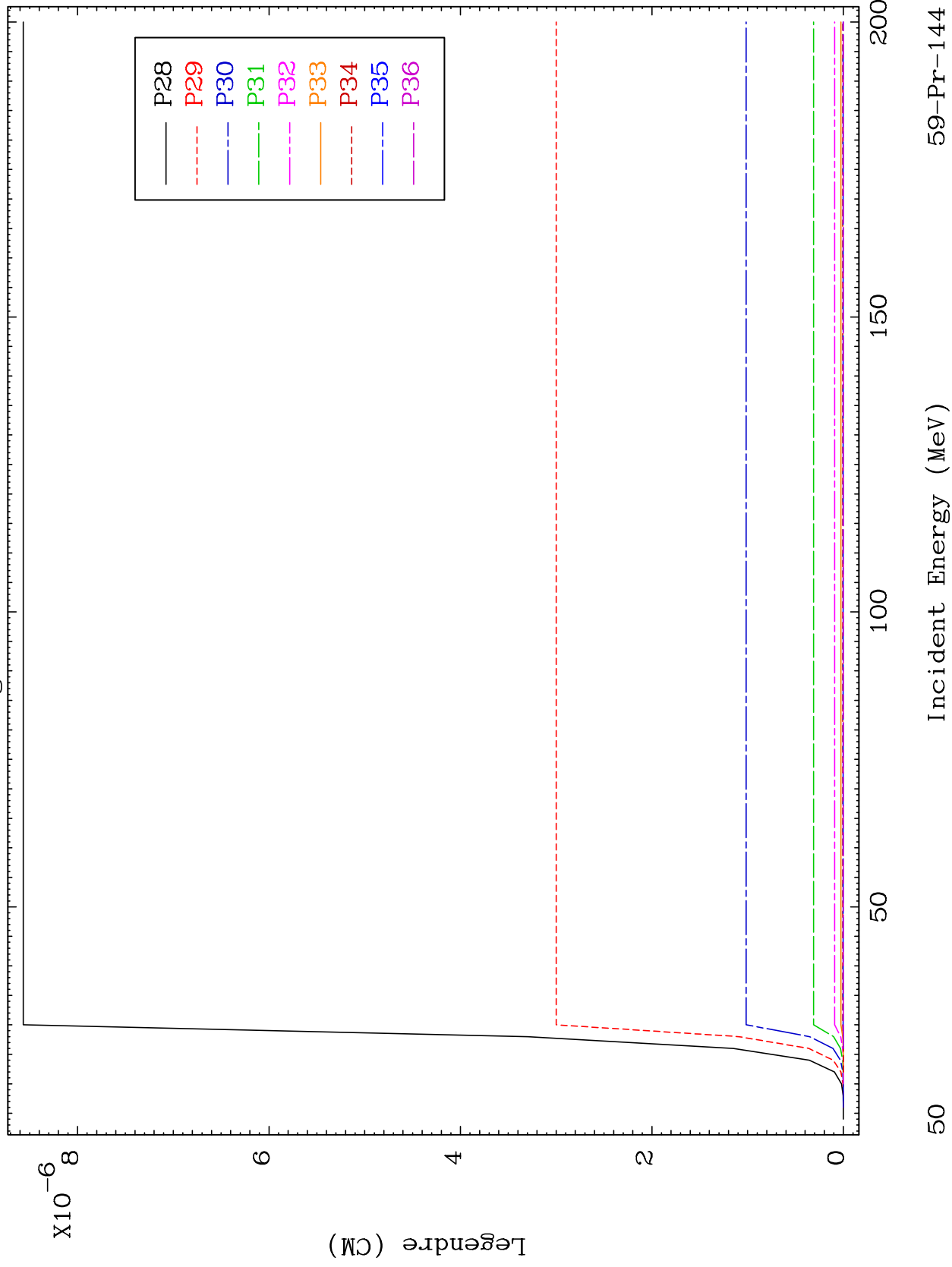
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MAT 5934

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

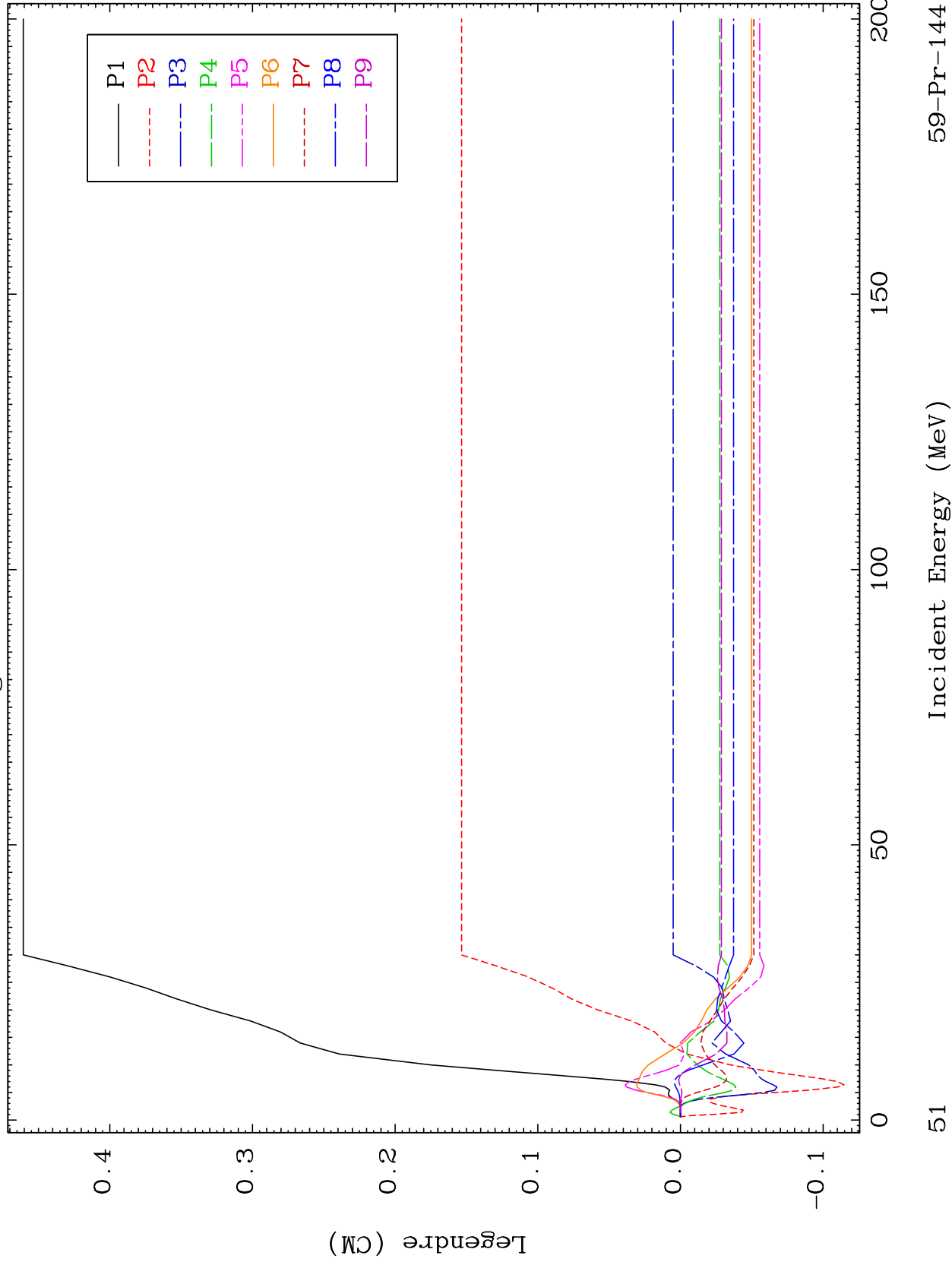
59-Pr-144



MAT 5934

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

59-Pr-144



59-Pr-144

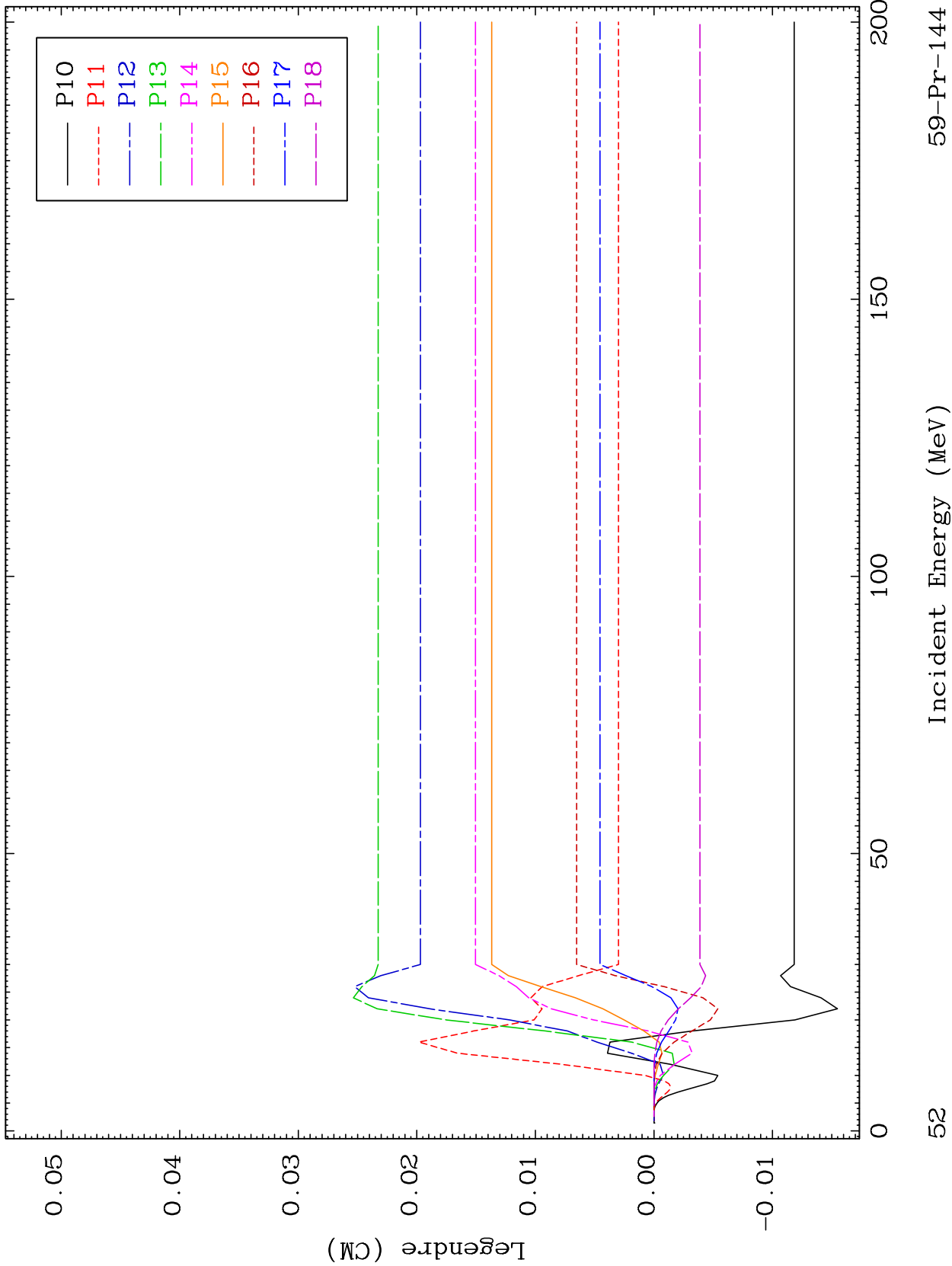
Incident Energy (MeV)

51

MAT 5934

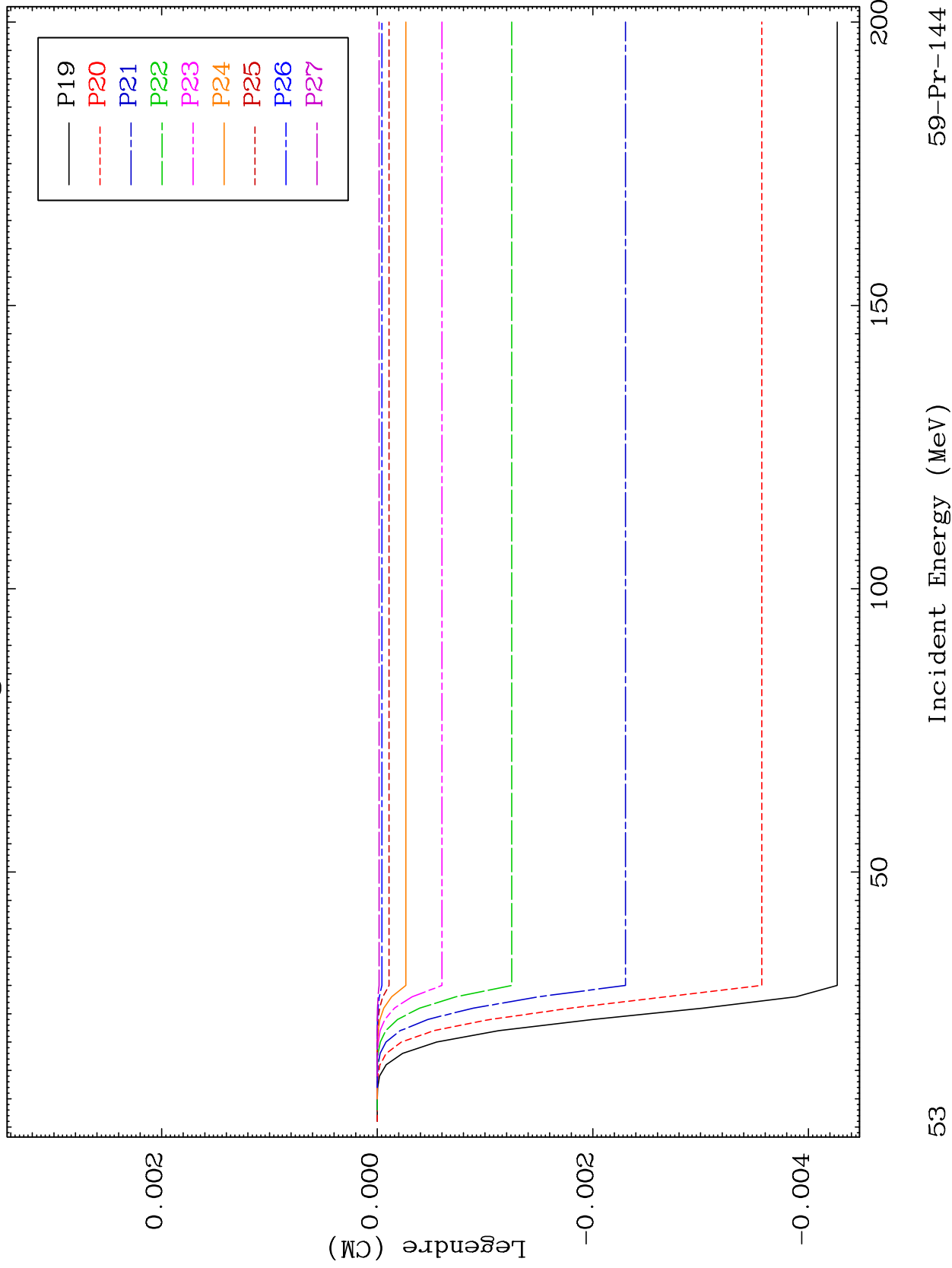
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Legendre Coefficients

59-Pr-144



52

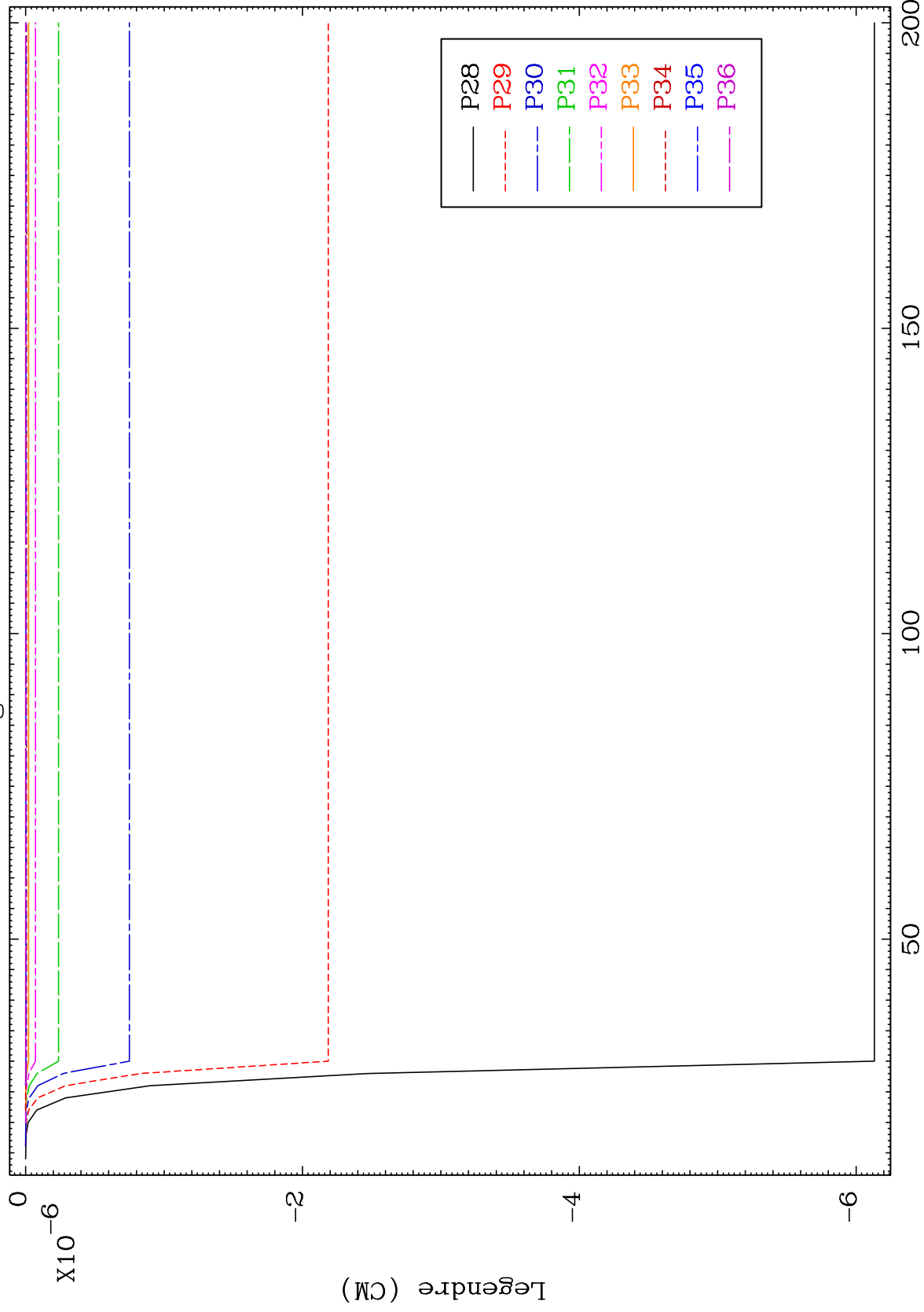
59-Pr-144



MAT 5934

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

59-Pr-144



54

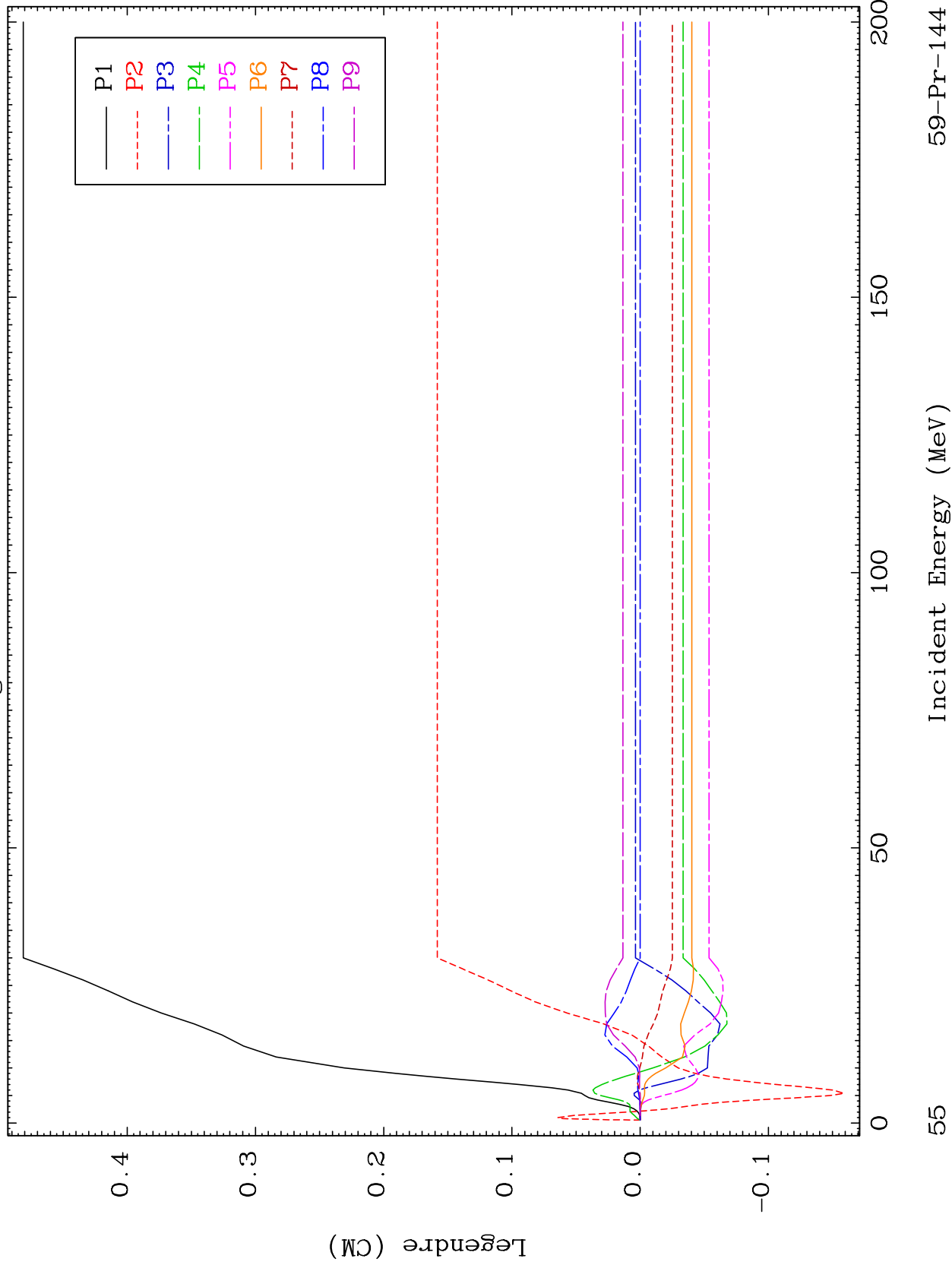
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

Incident Energy (MeV)

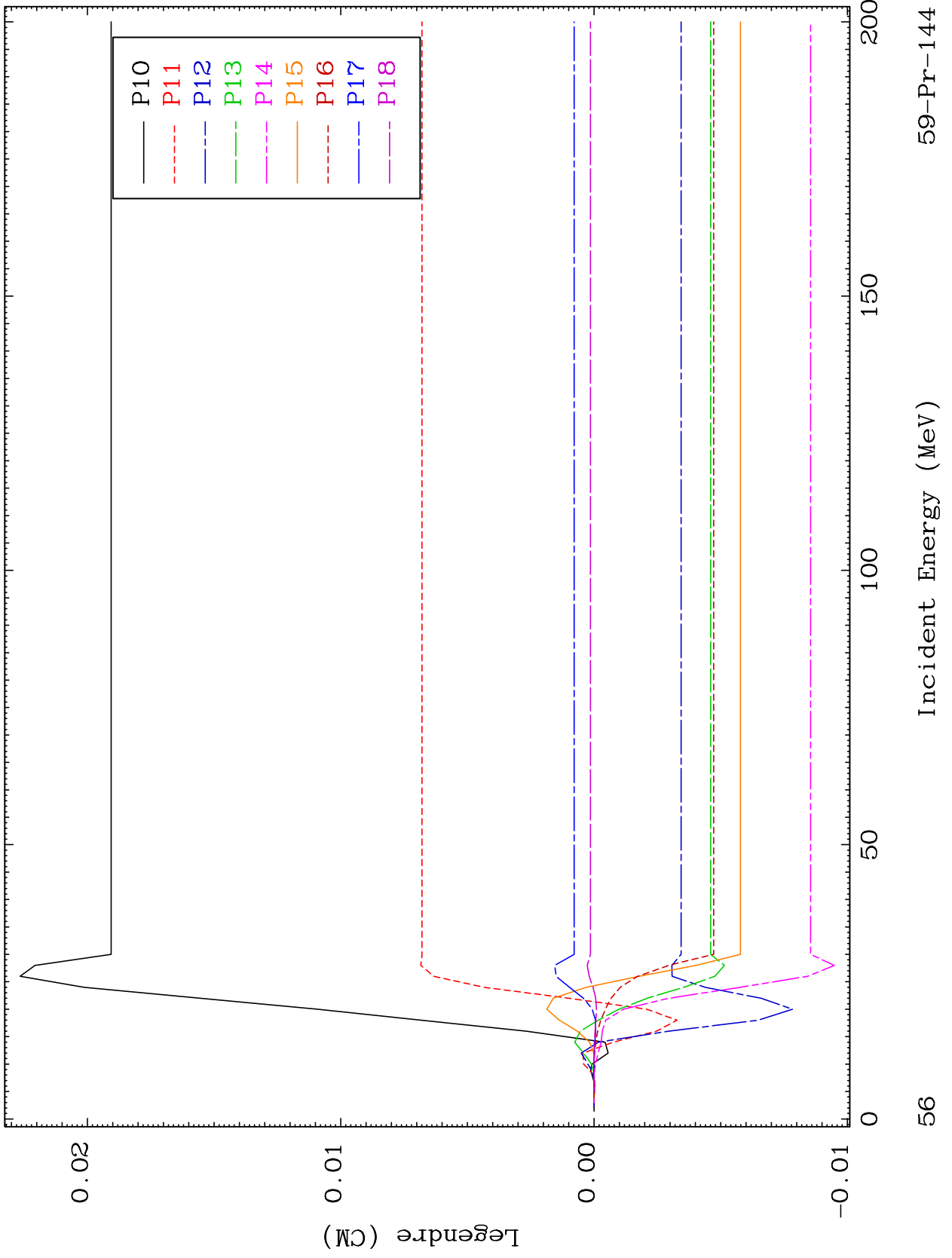
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MAT 5934

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

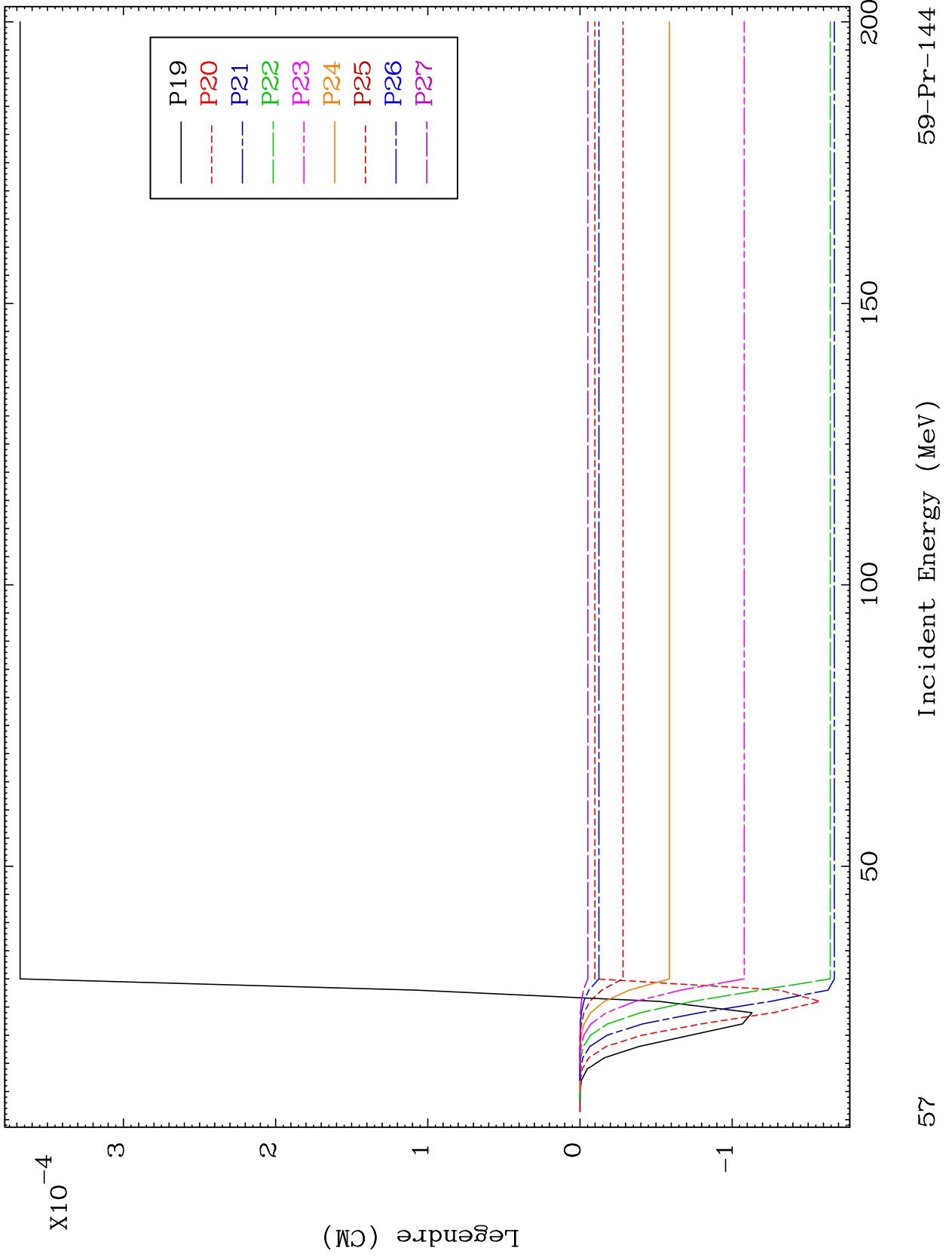
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56

Incident Energy (MeV)

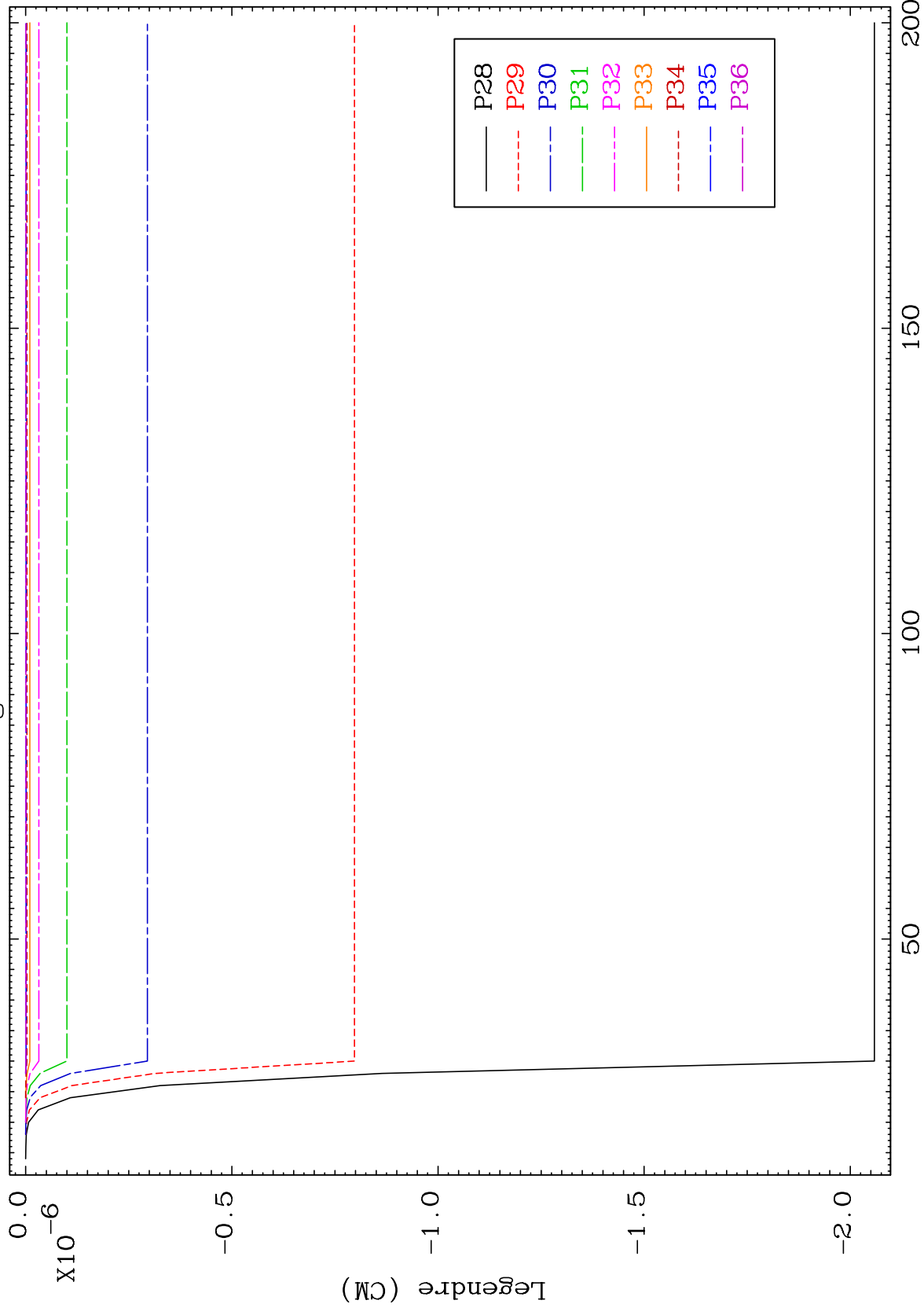
59-Pr-144



MAT 5934

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

59-Pr-144



58

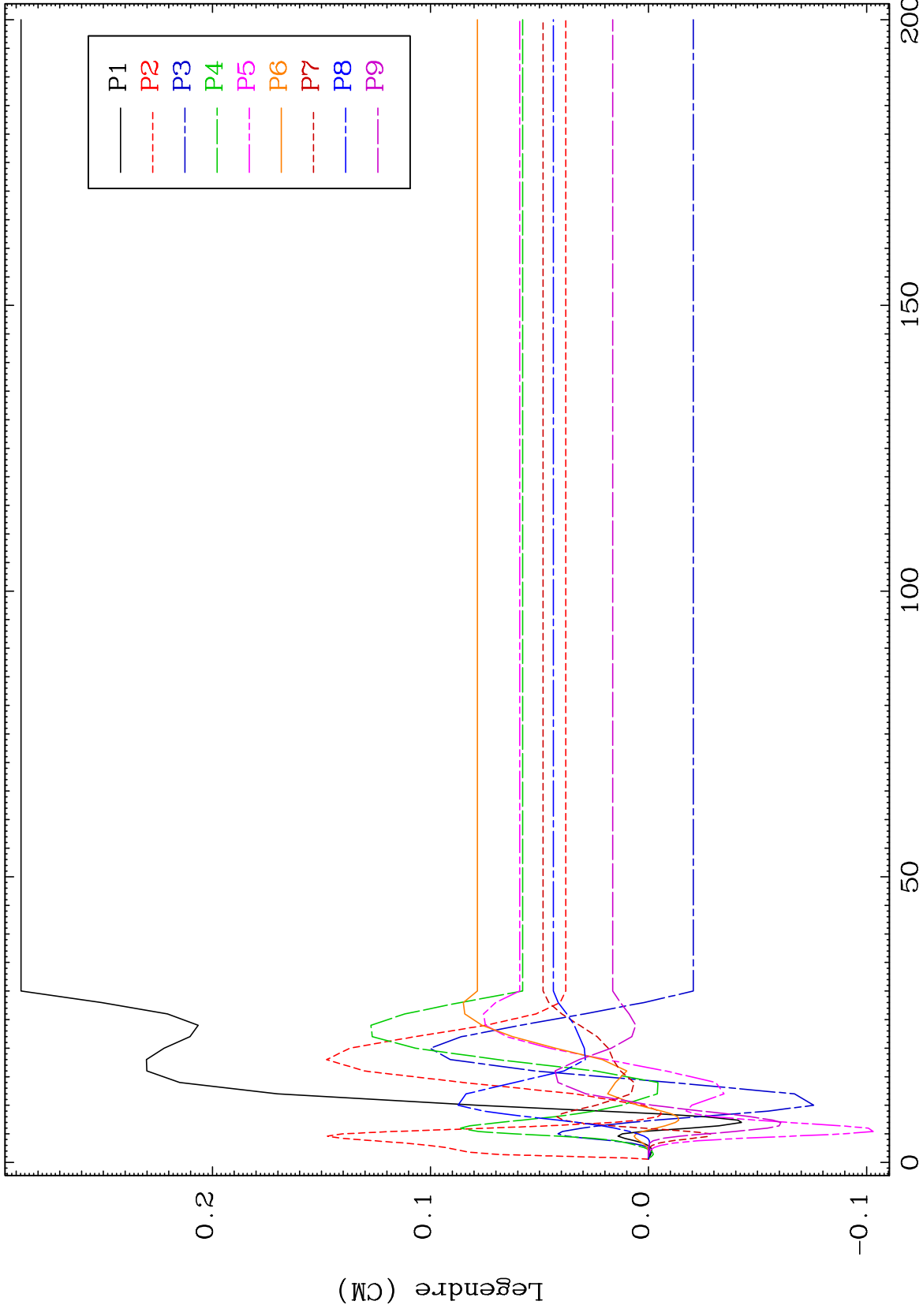
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59

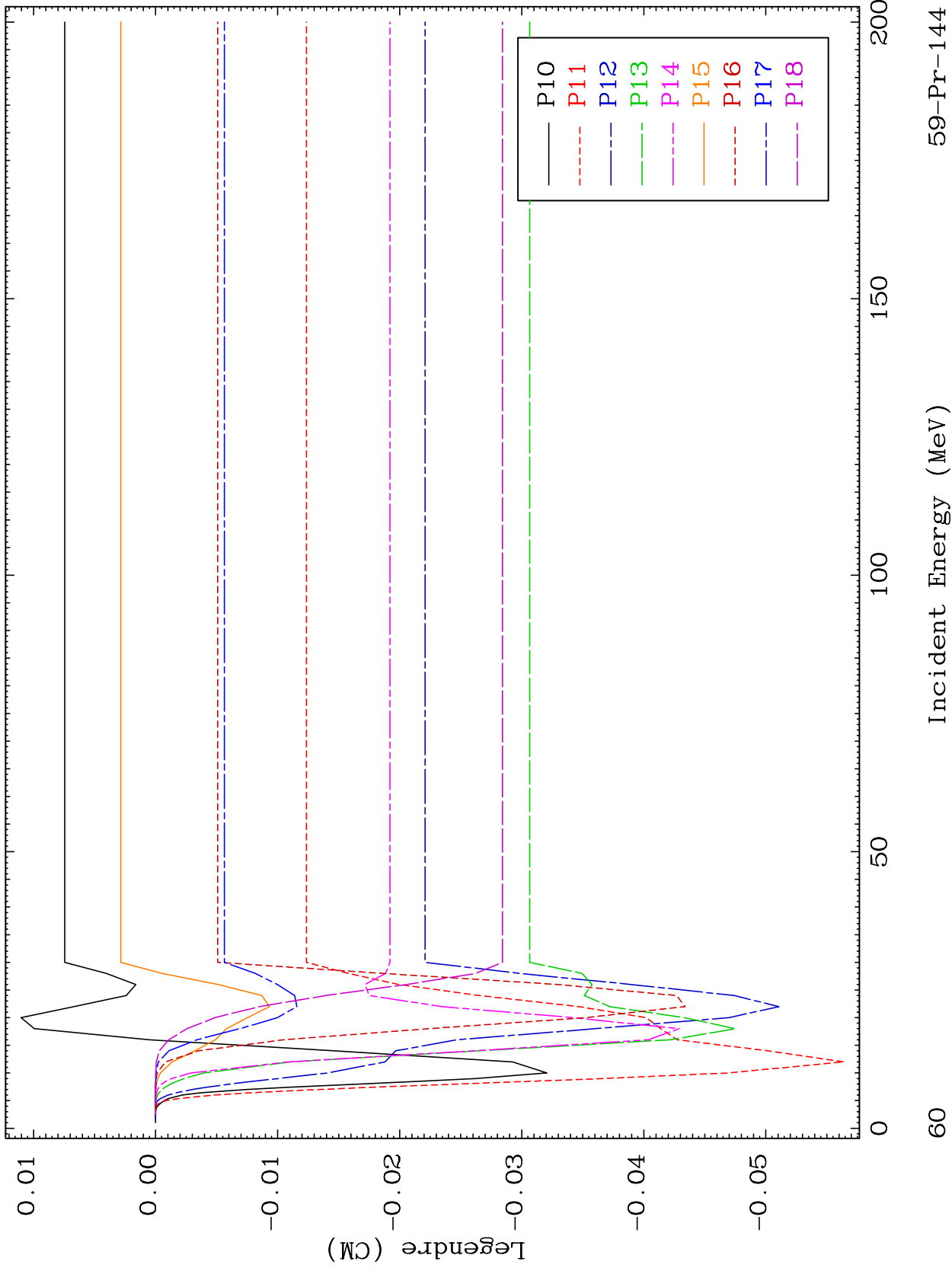
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

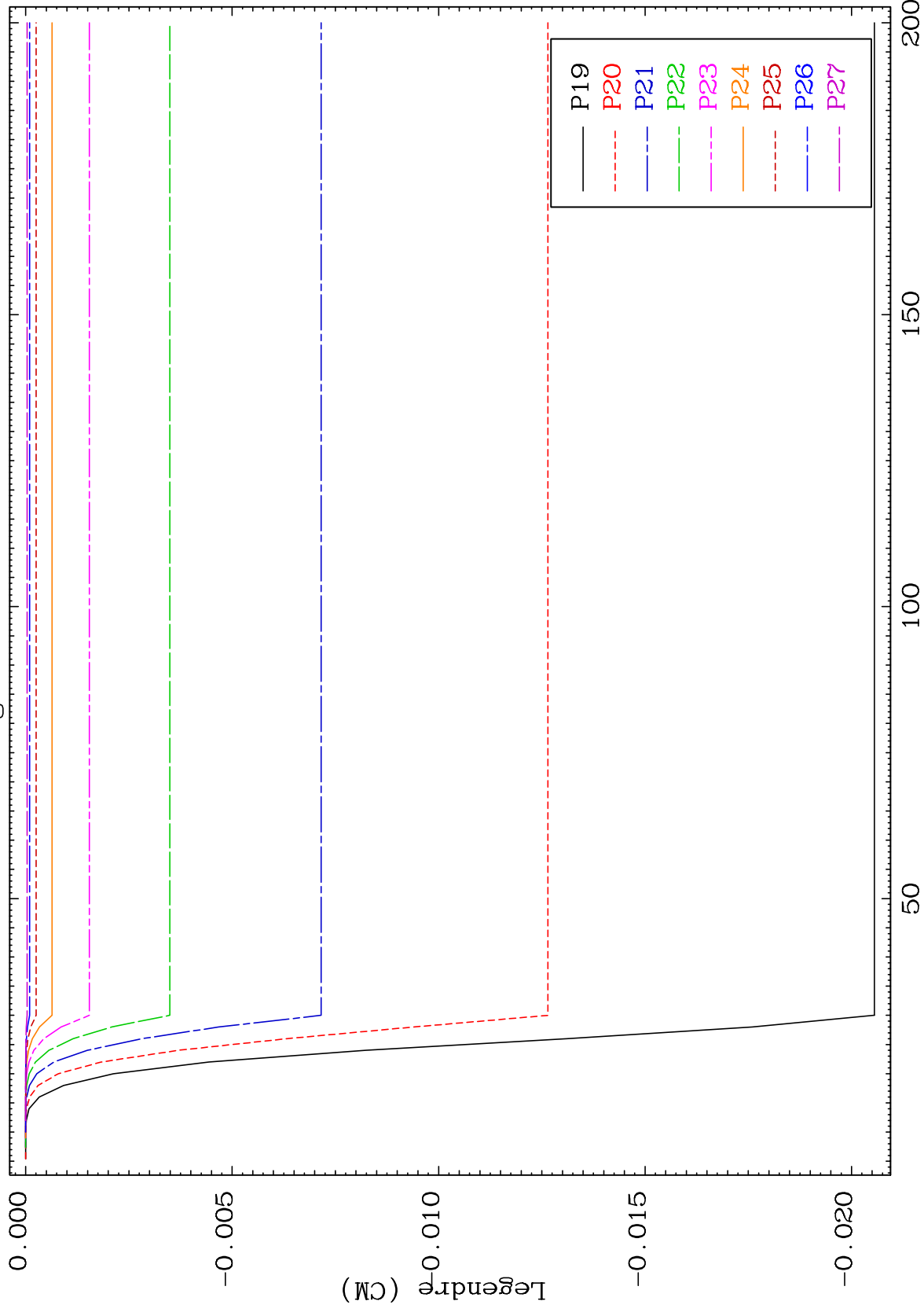
Incident Energy (MeV)

60

MAT 5934

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

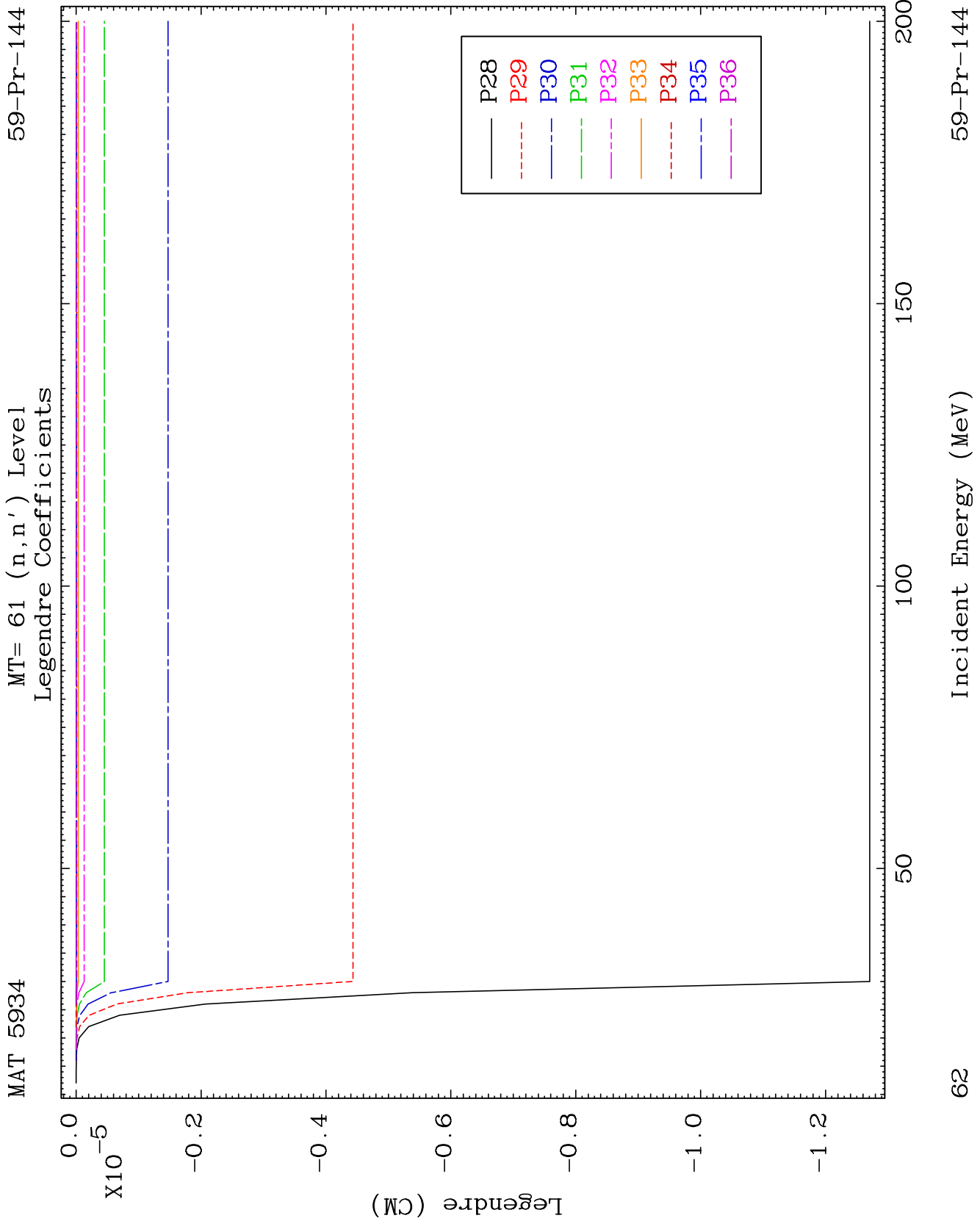
59-Pr-144

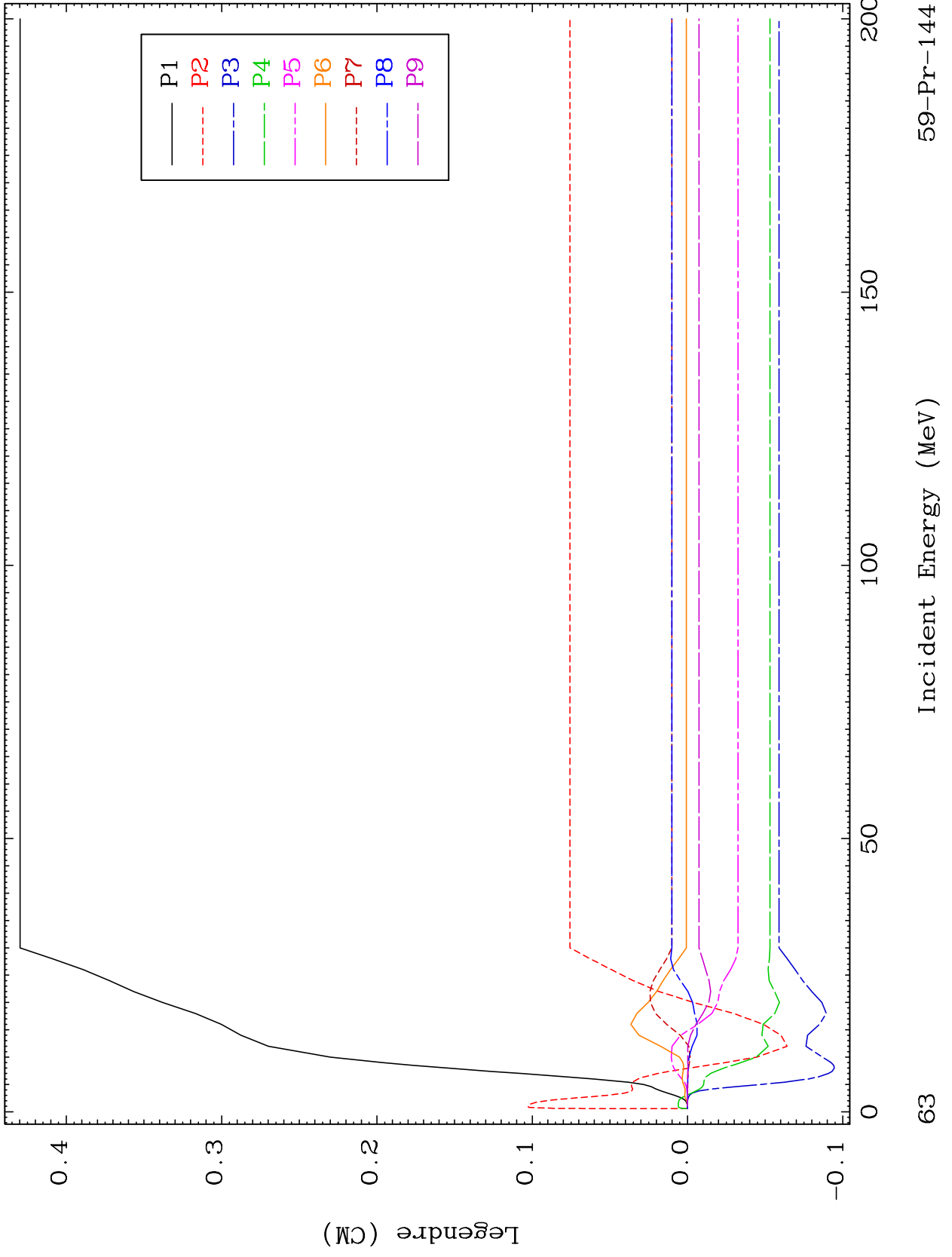


61

Incident Energy (MeV)

59-Pr-144



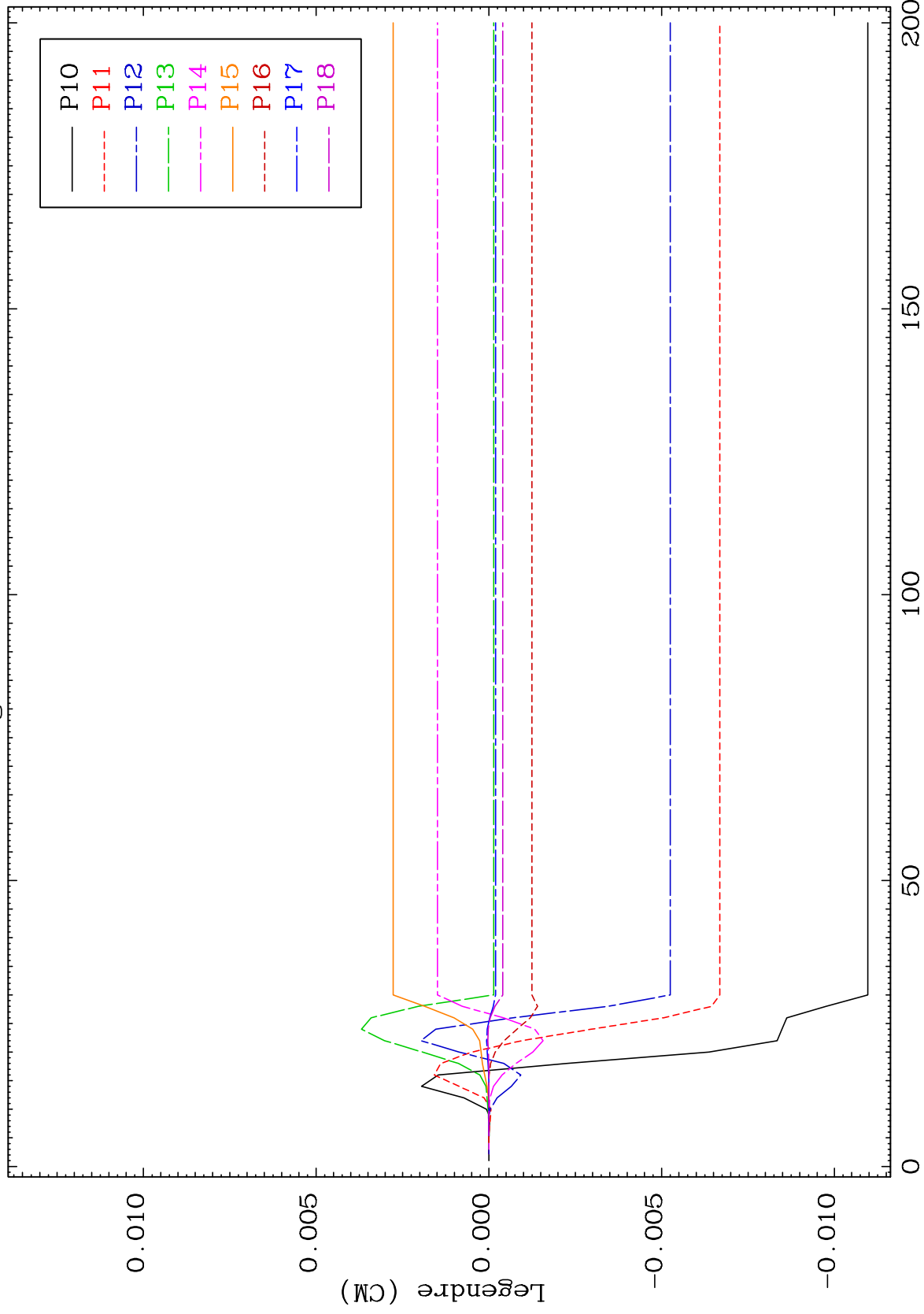




MAT 5934

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

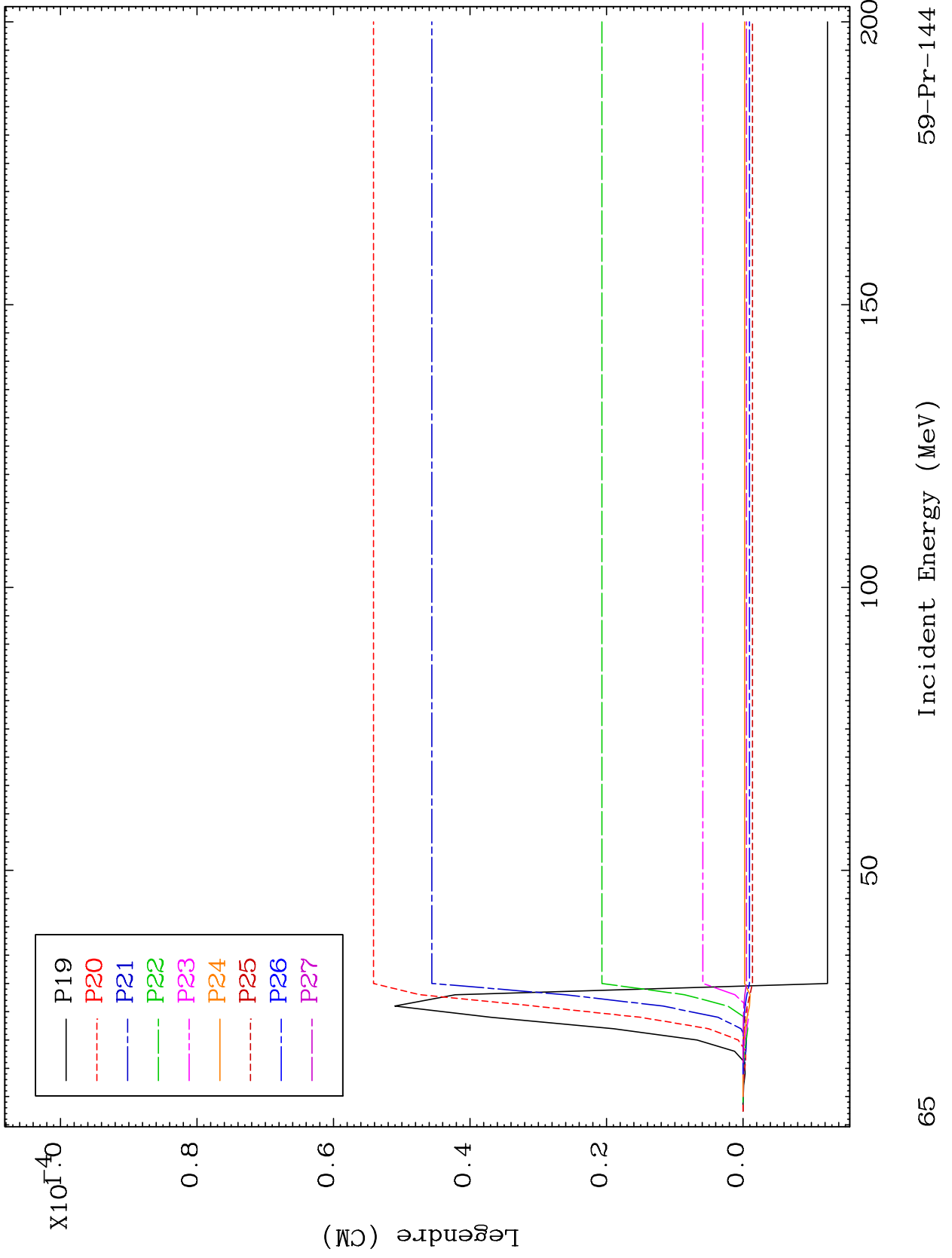
59-Pr-144

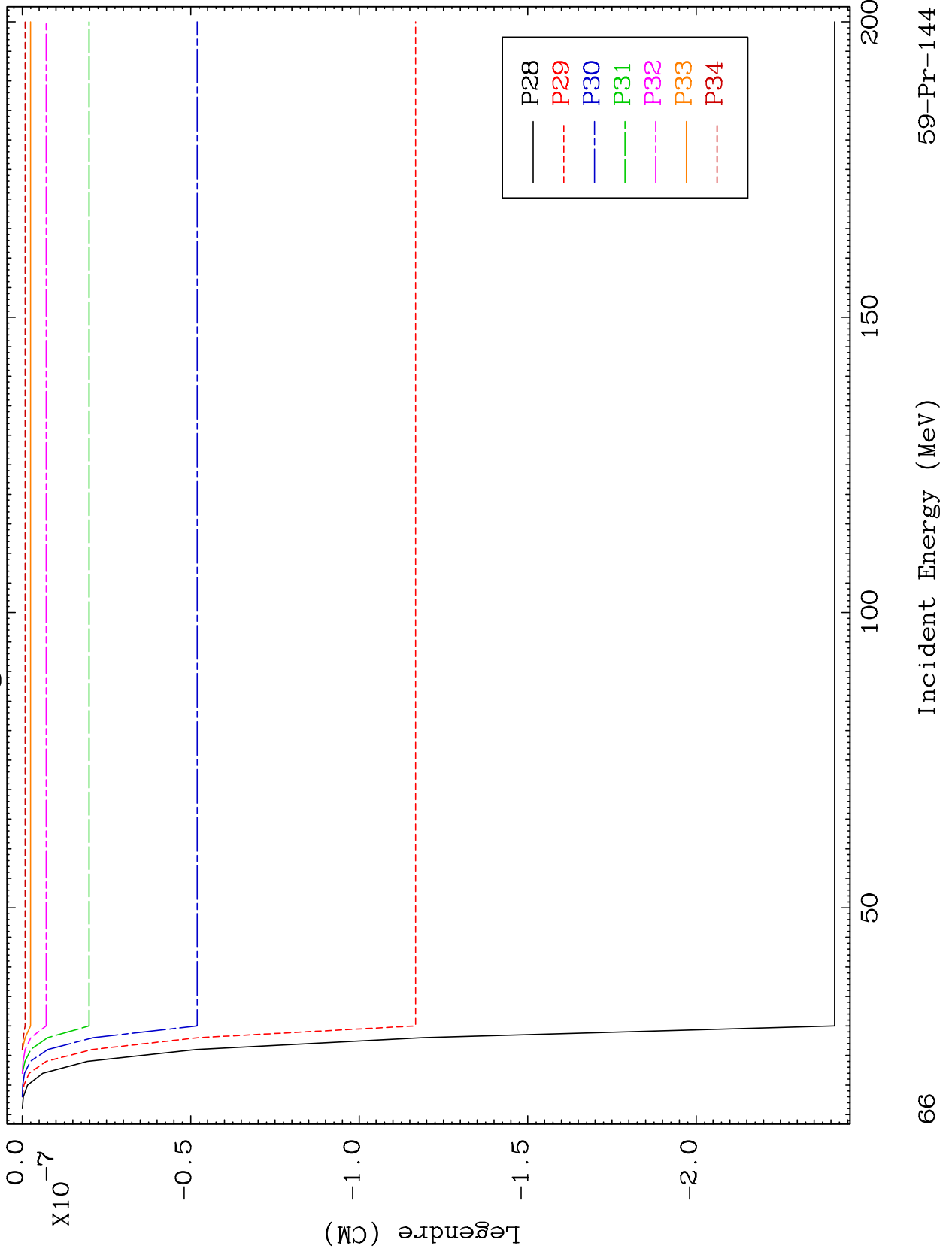


64

Incident Energy (MeV)

59-Pr-144

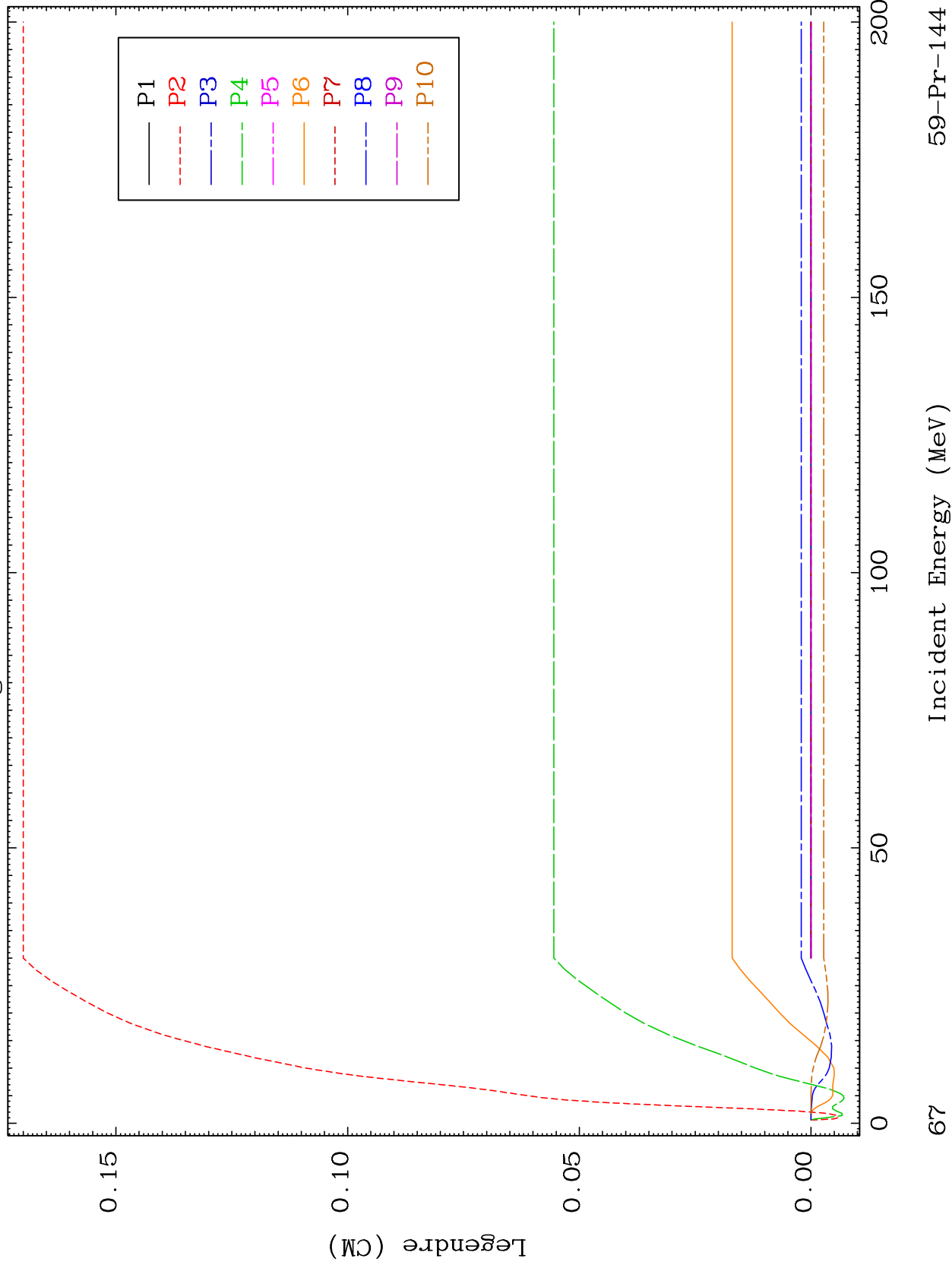




MAT 5934

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

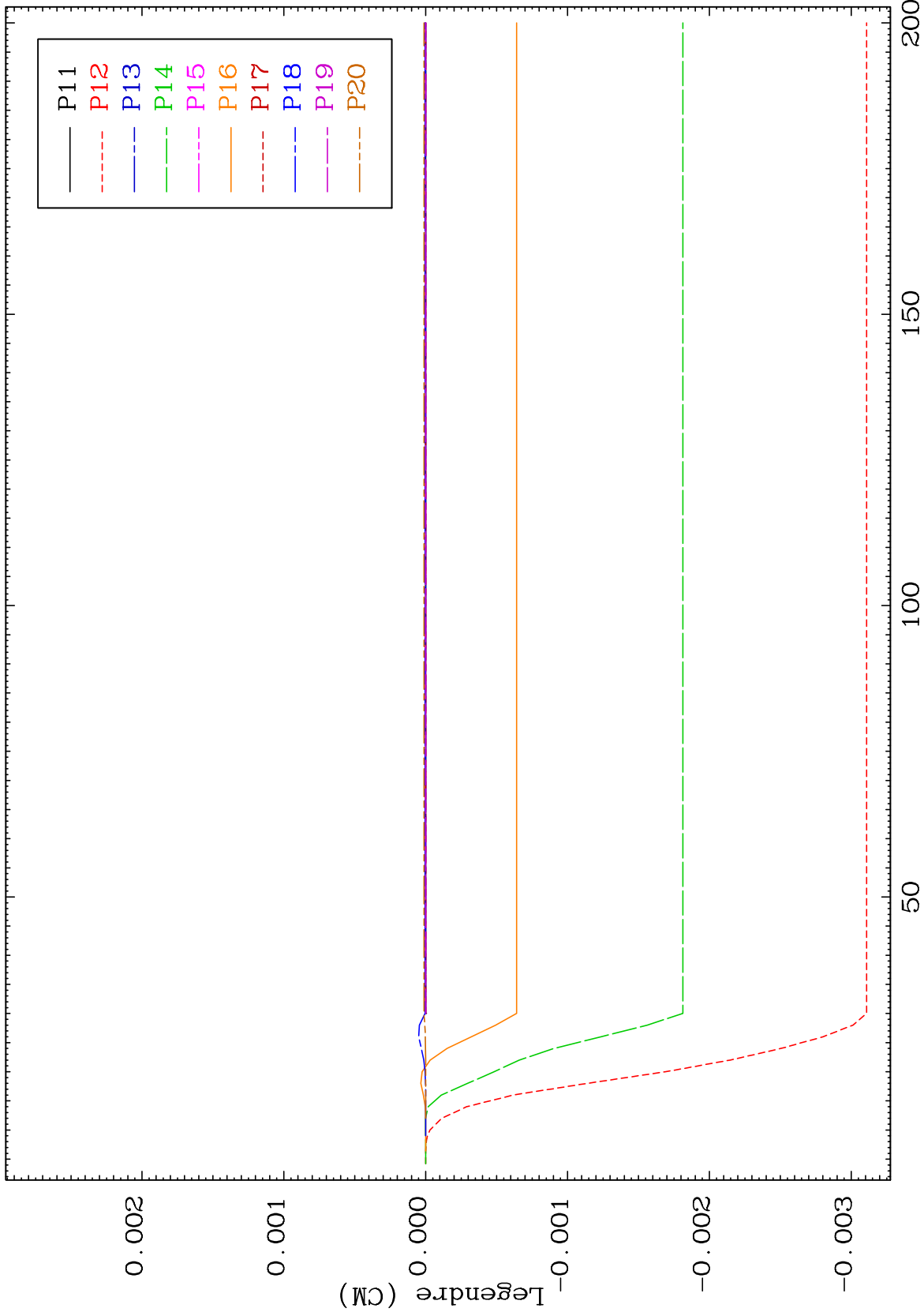
59-Pr-144



MAT 5934

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

59-Pr-144



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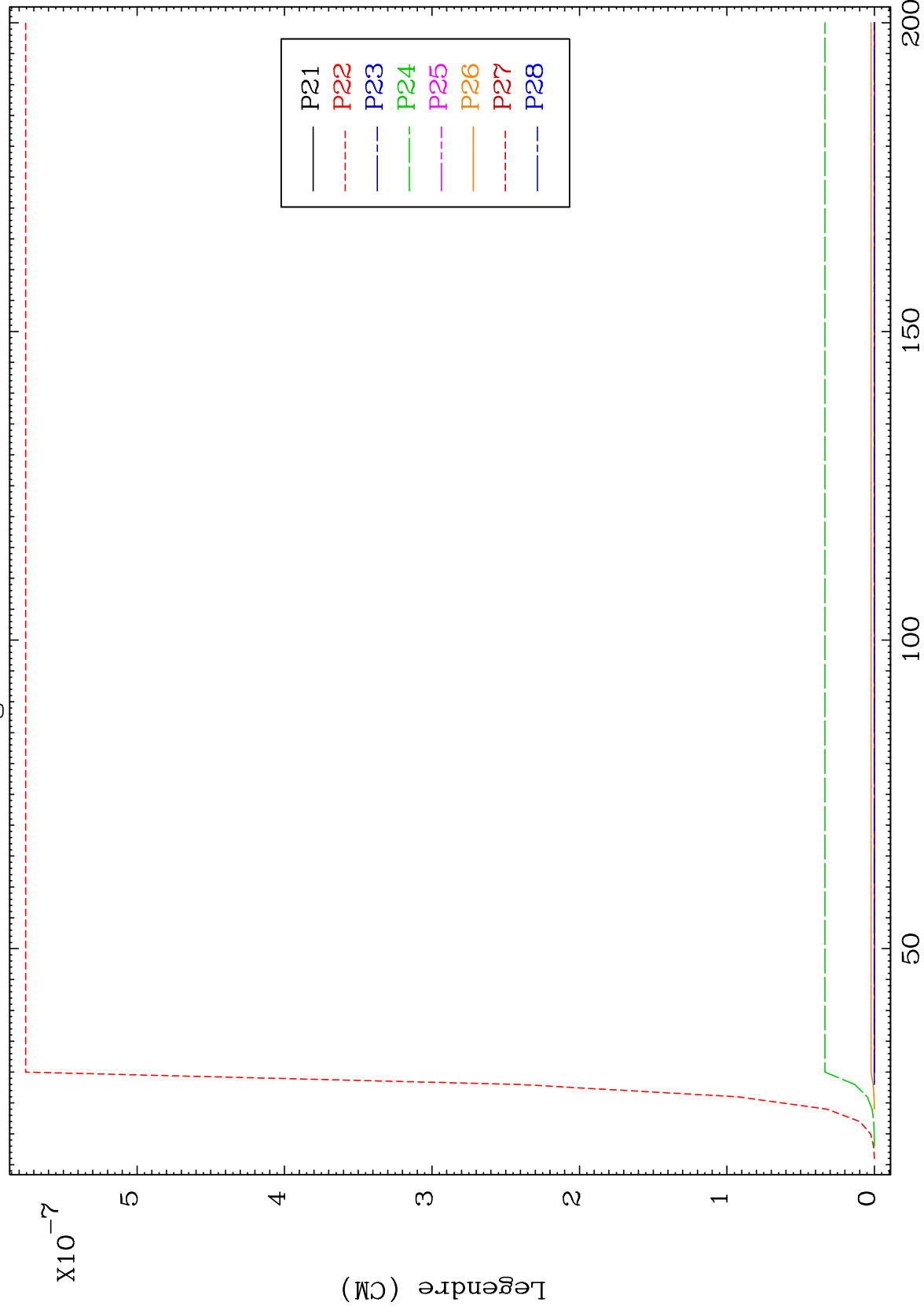
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



69

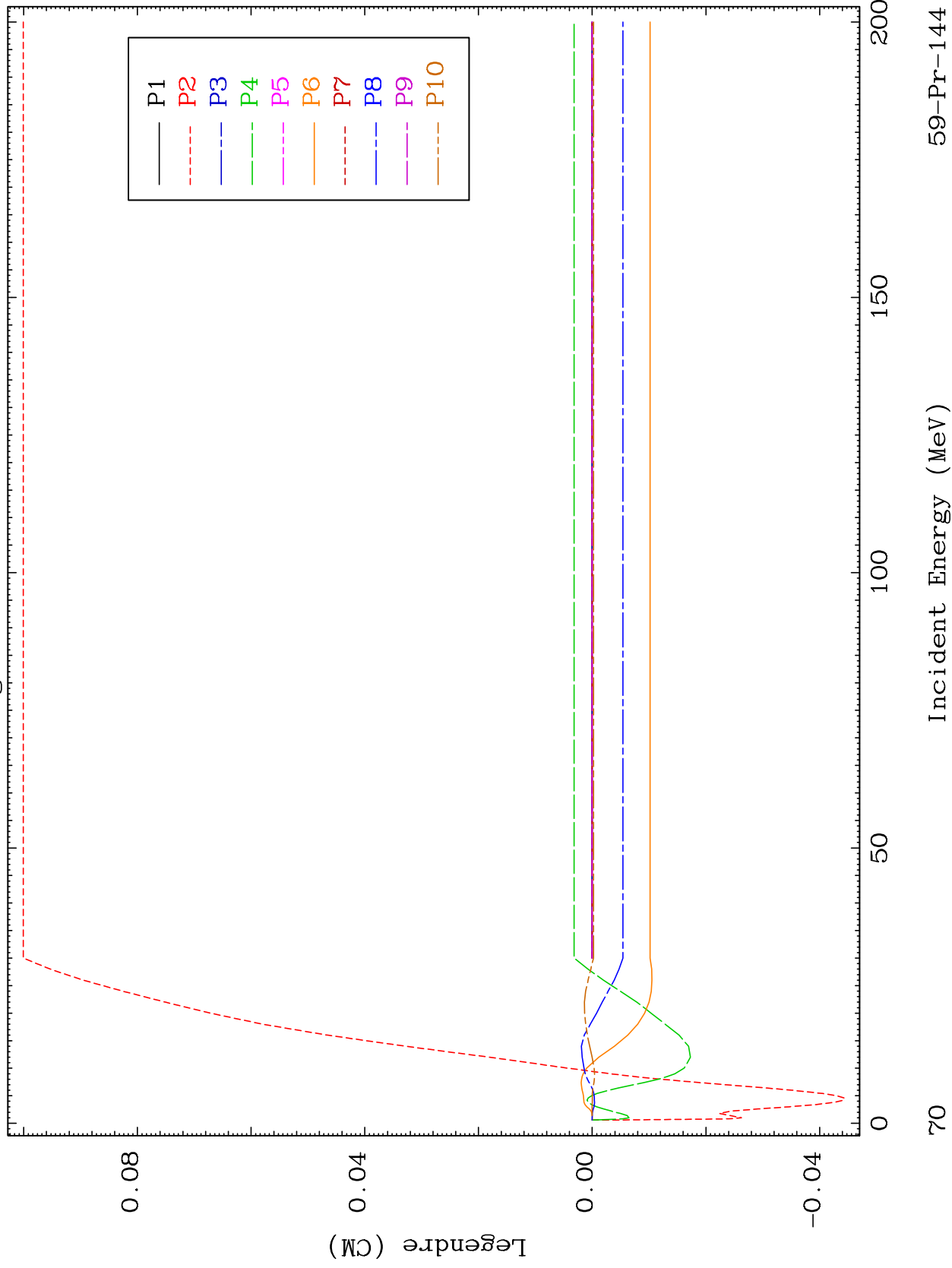
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144

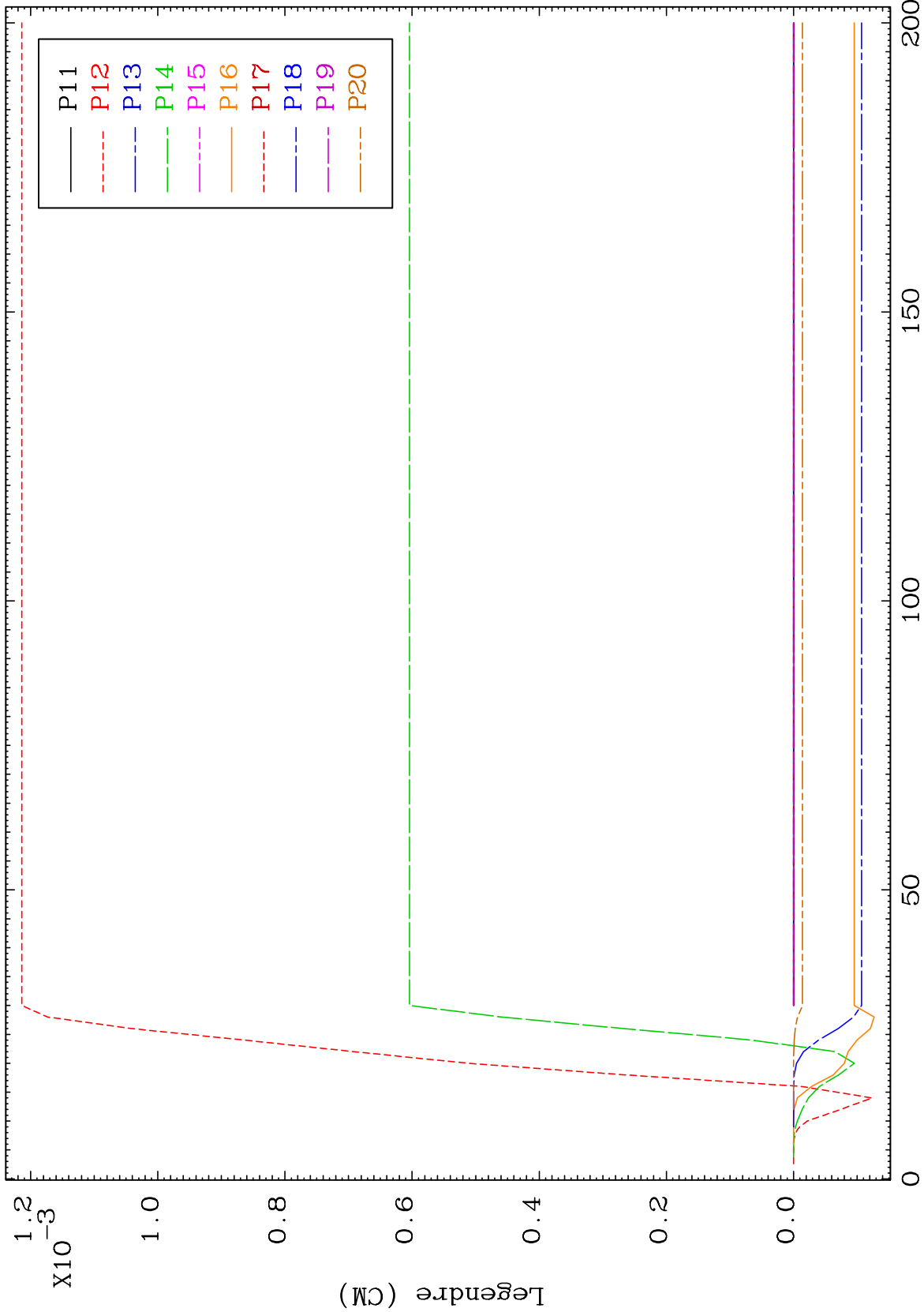


MAT 5934

MT= 64 (n,n') Level

59-Pr-144

Legendre Coefficients



71

Incident Energy (MeV)

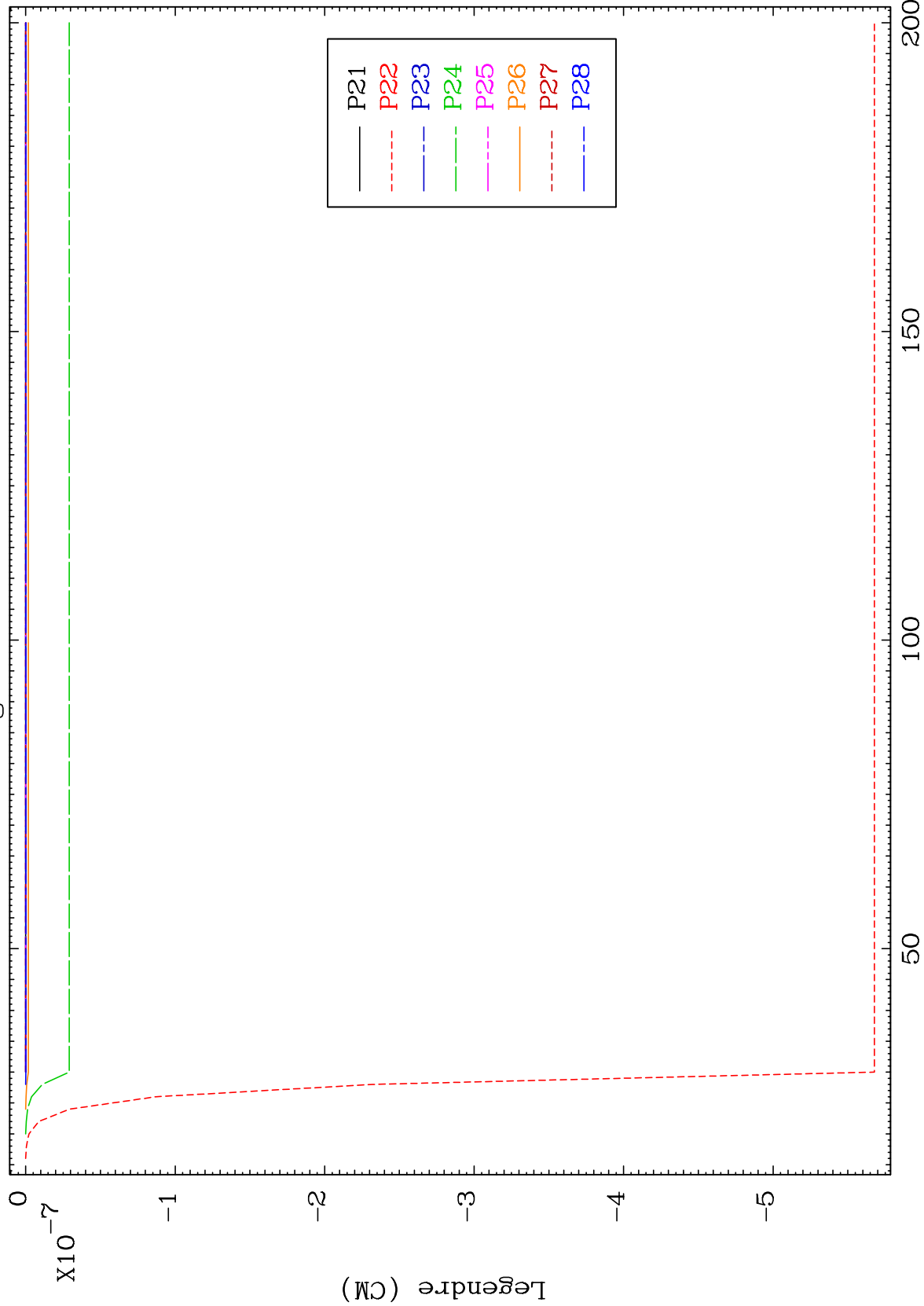
59-Pr-144



MAT 5934

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

59-Pr-144



72

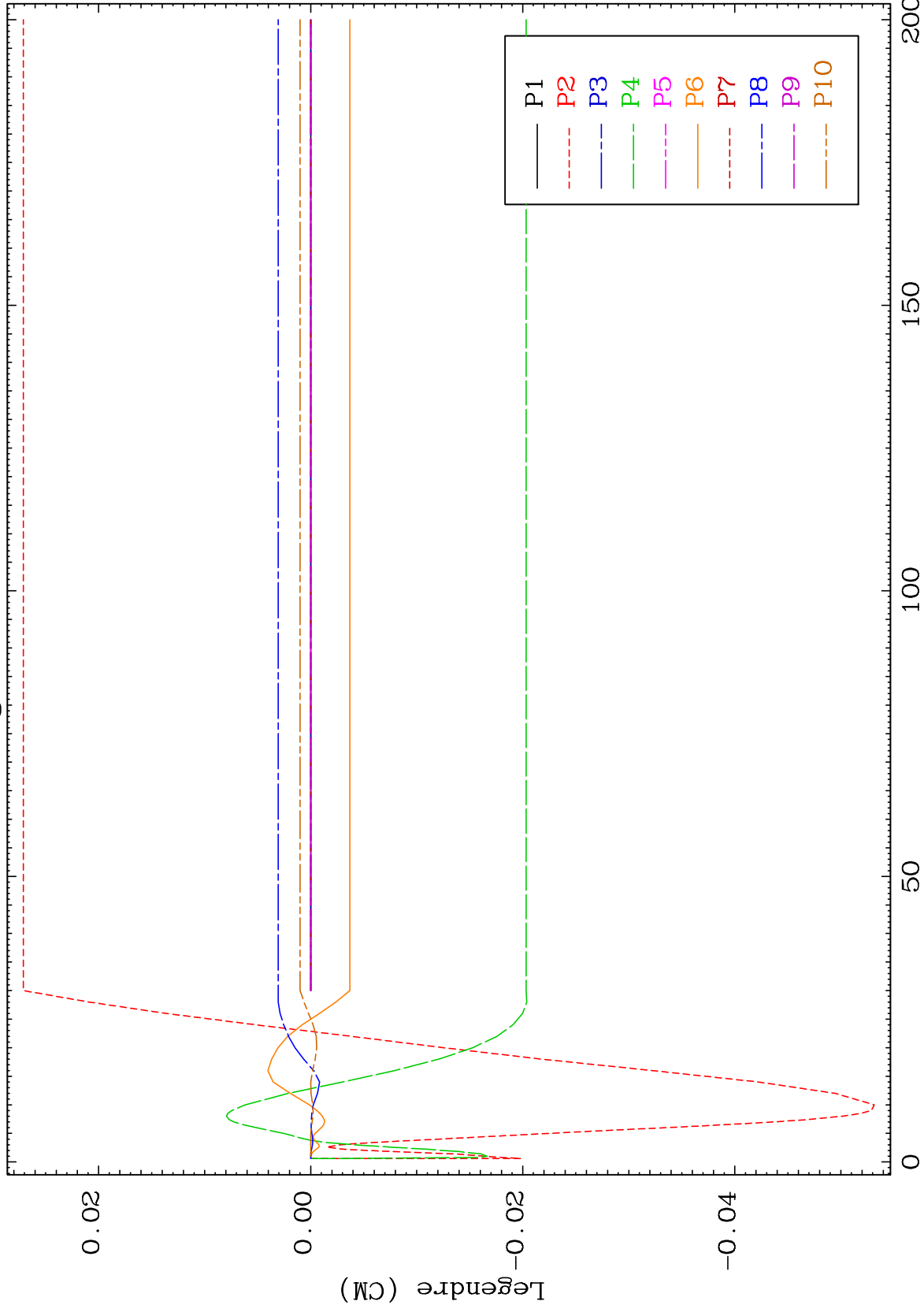
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



73

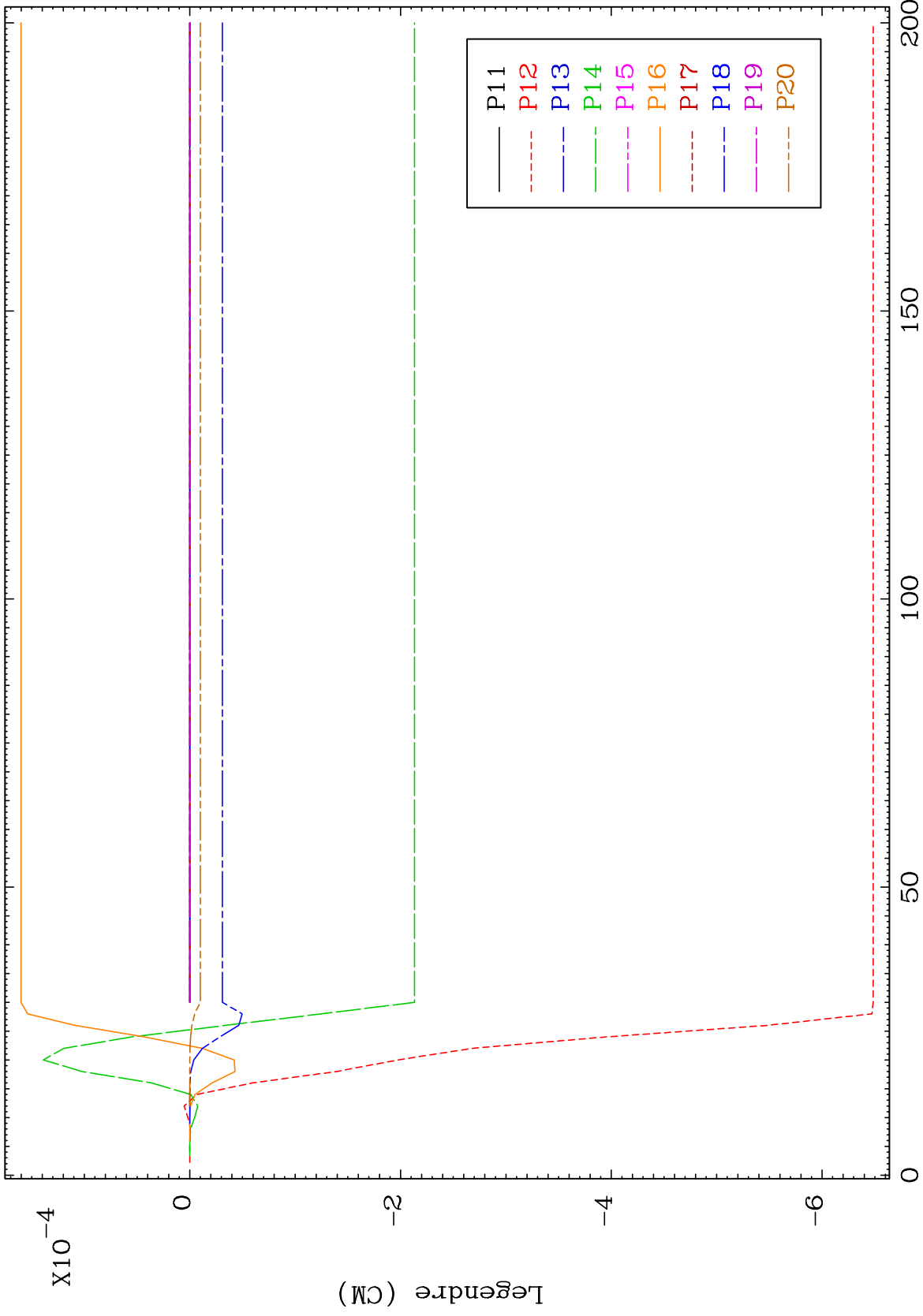
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

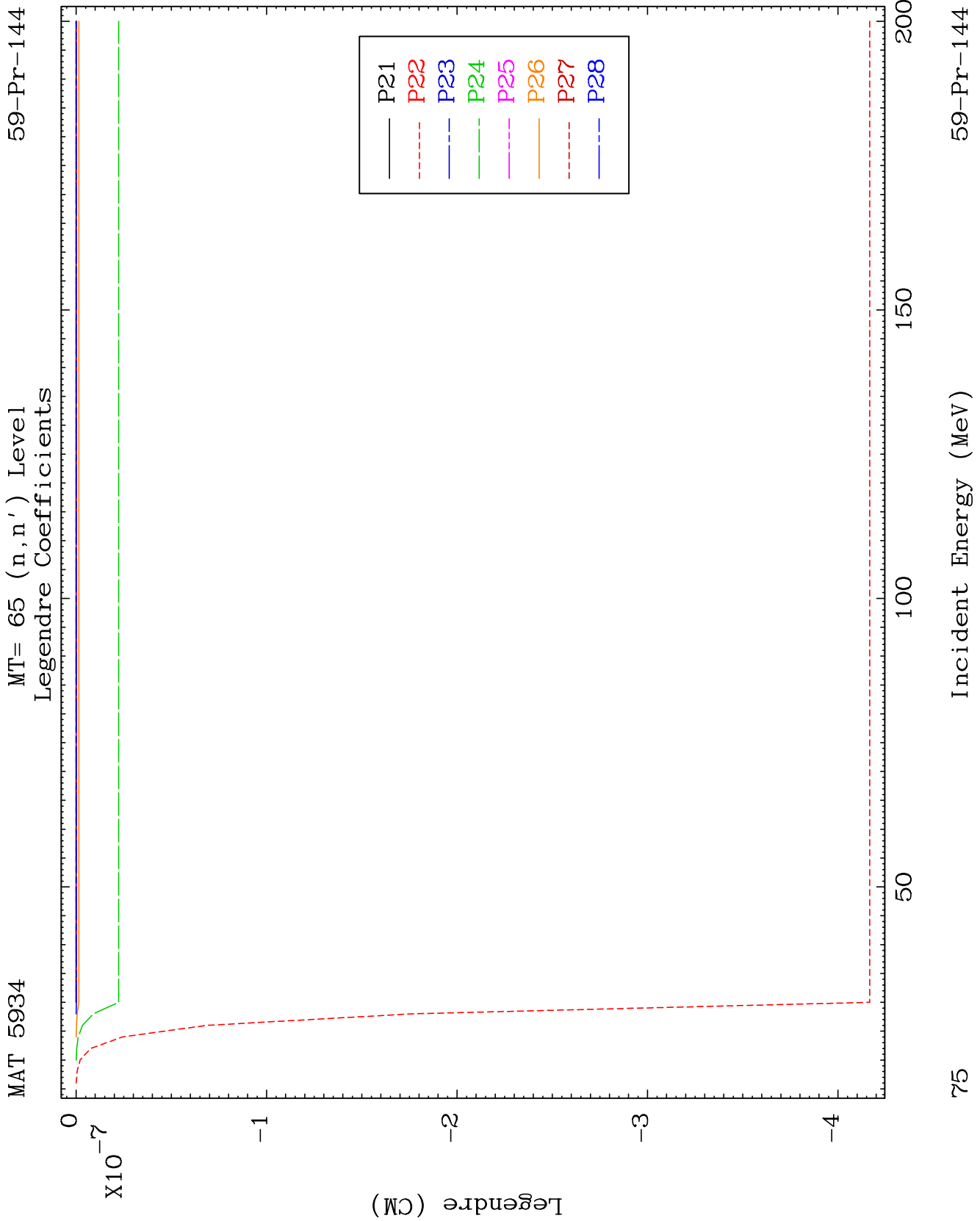
59-Pr-144



74

Incident Energy (MeV)

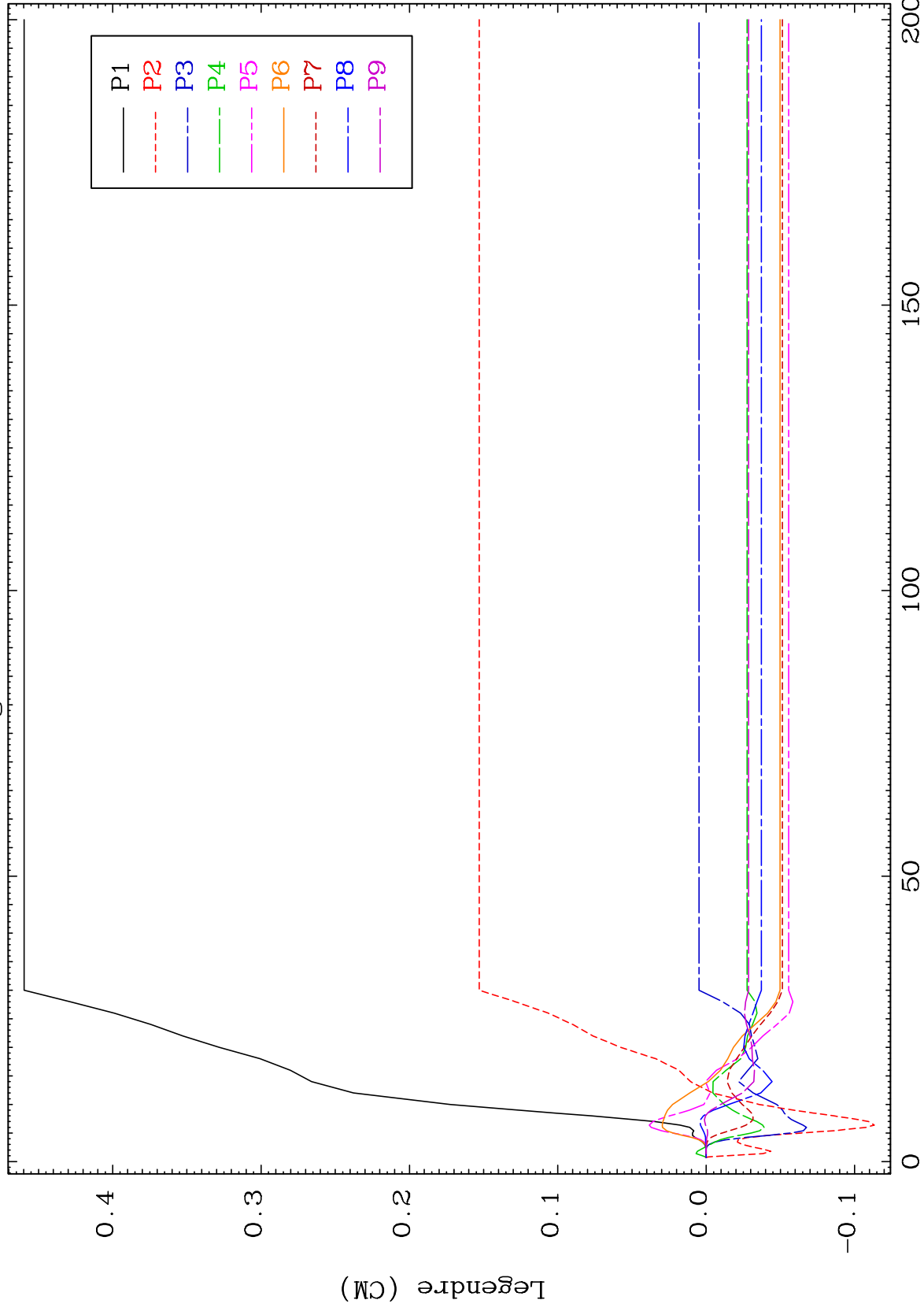
59-Pr-144



MAT 5934

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

59-Pr-144



76

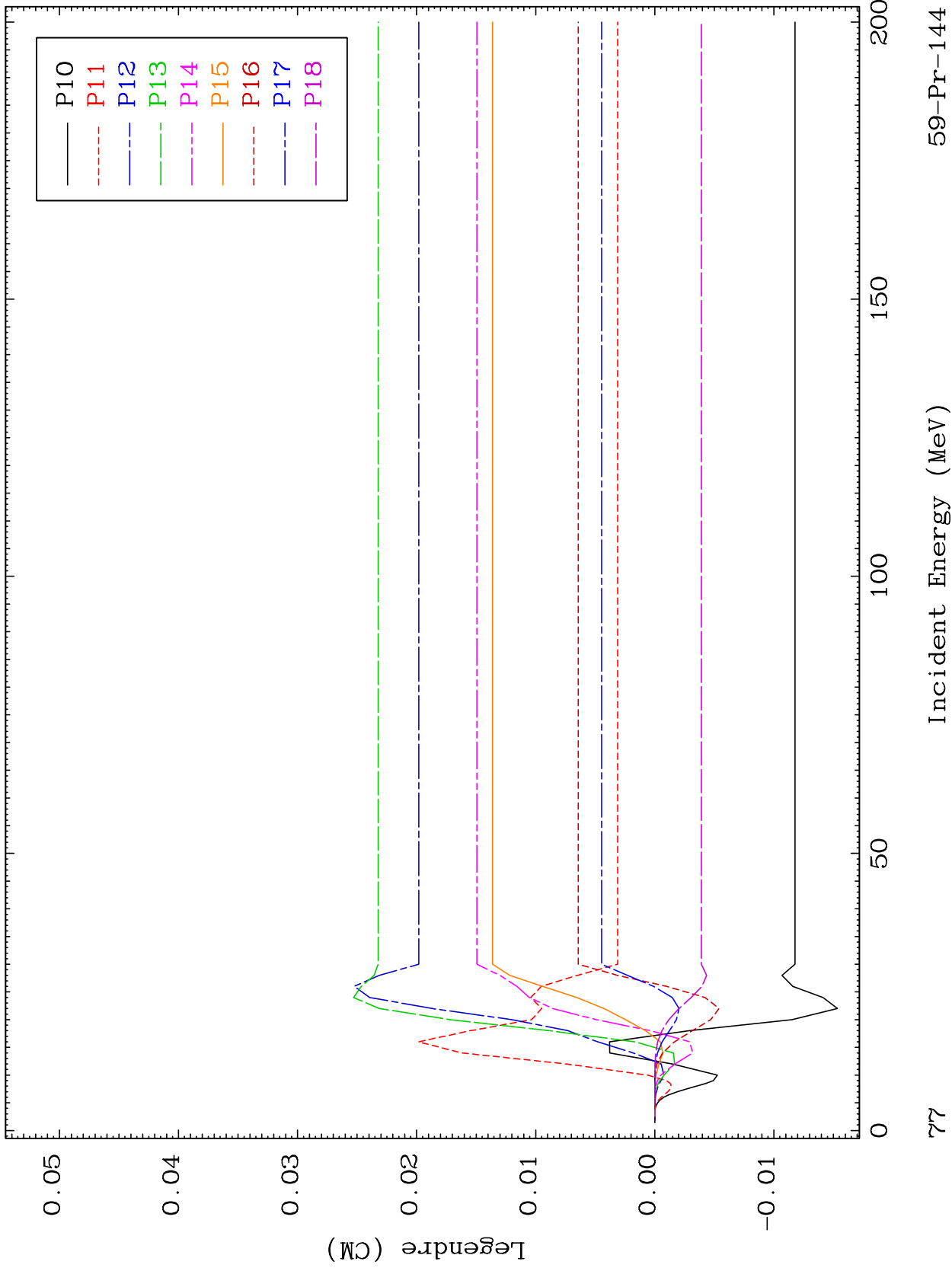
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



77

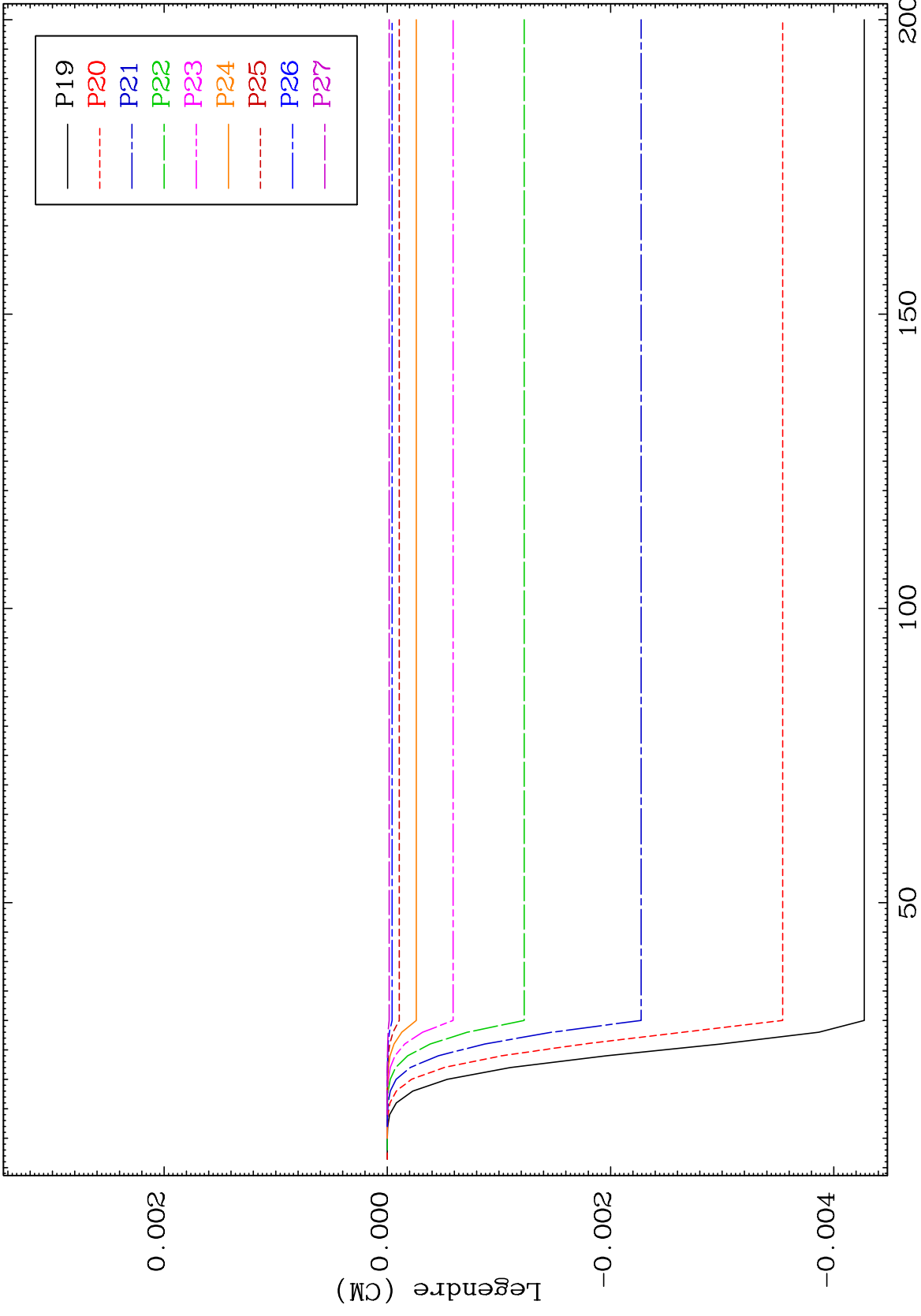
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



78

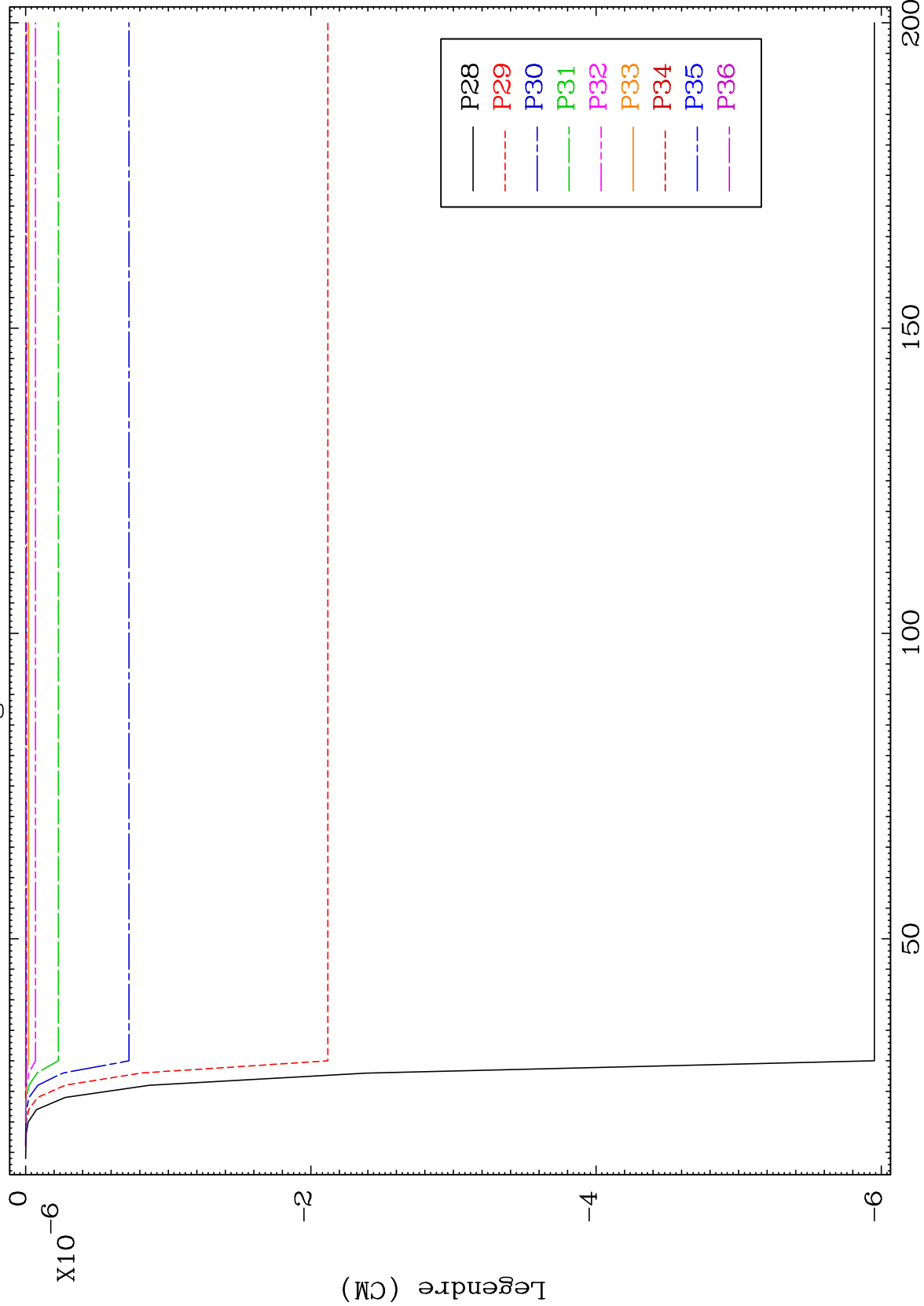
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



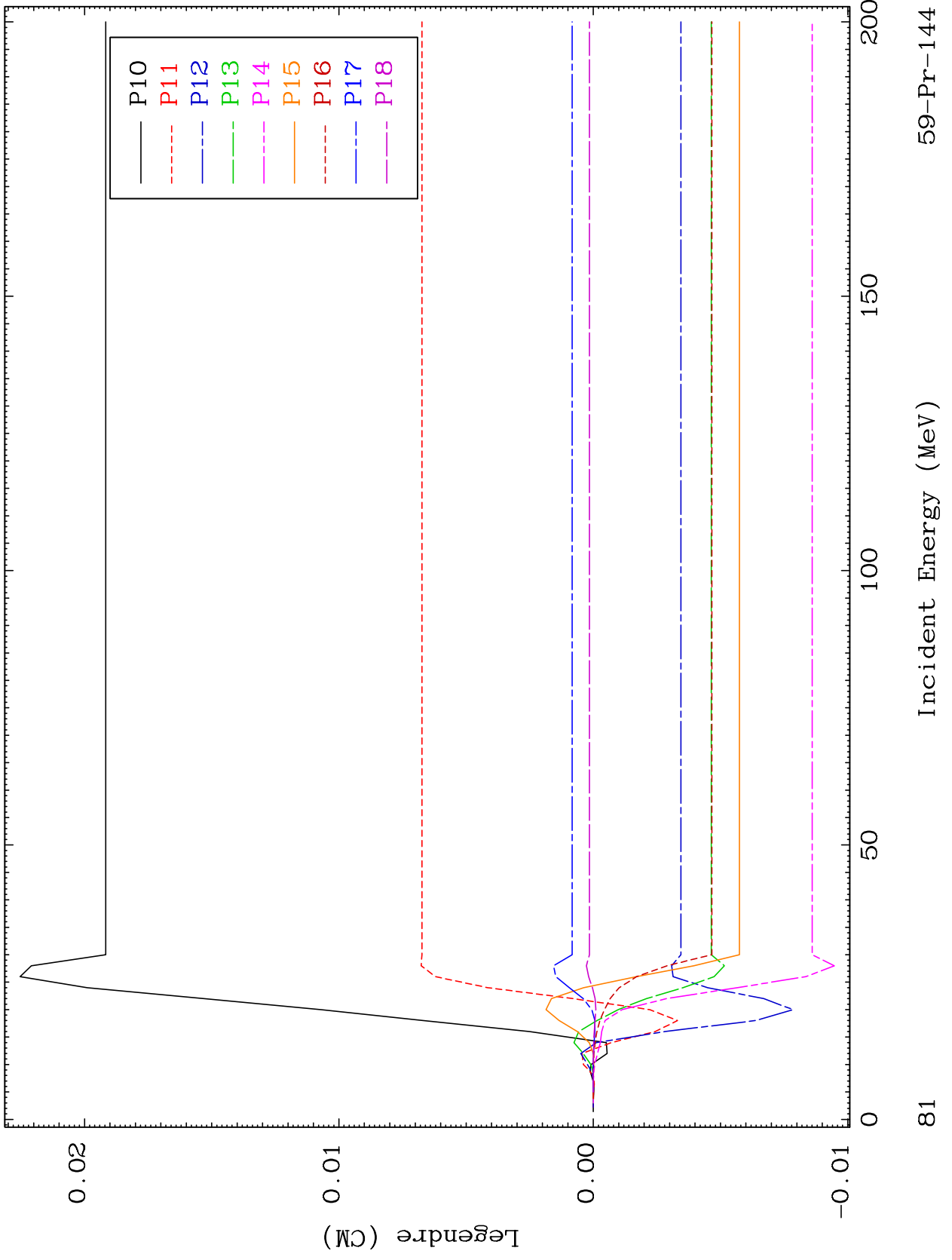
79

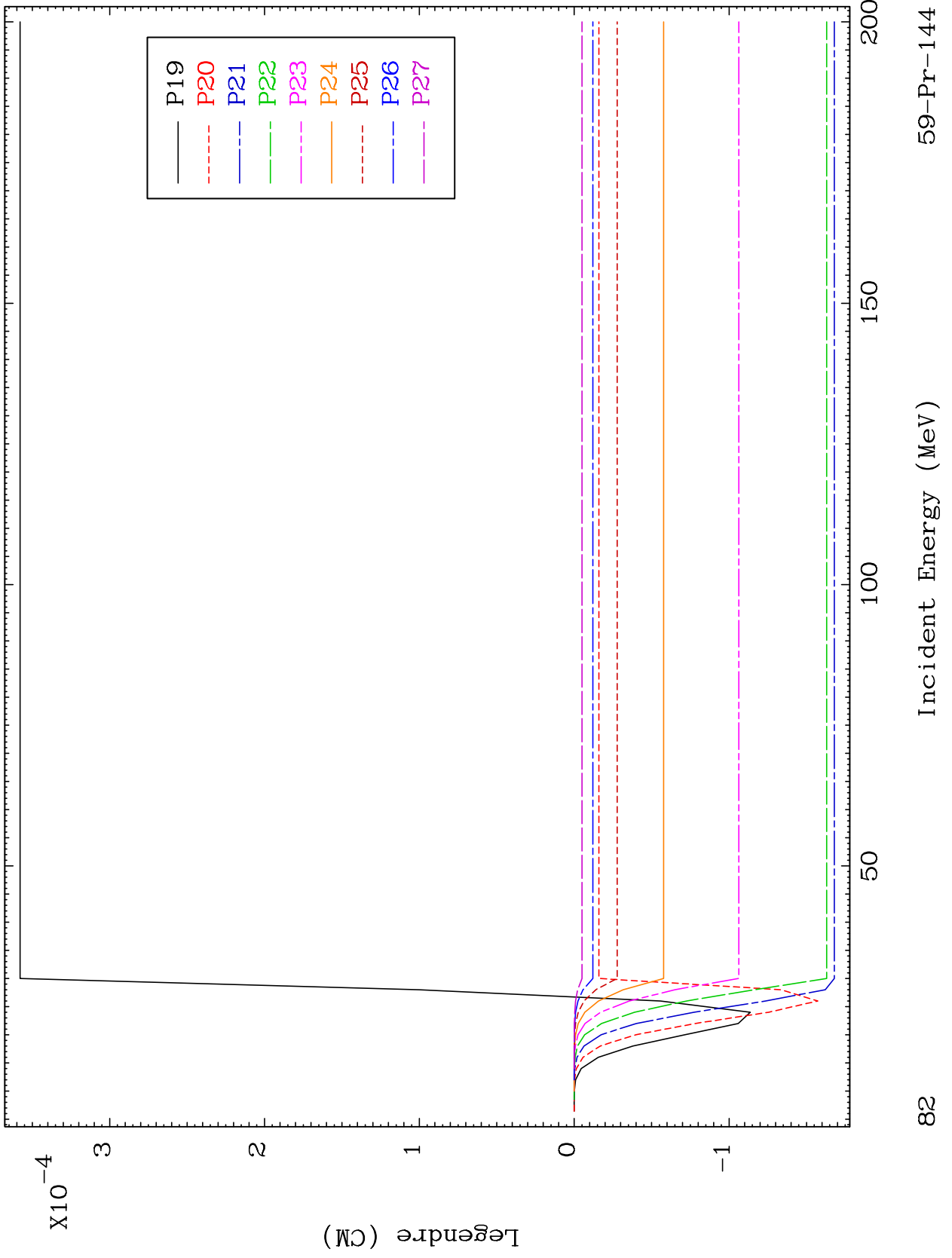
Incident Energy (MeV)

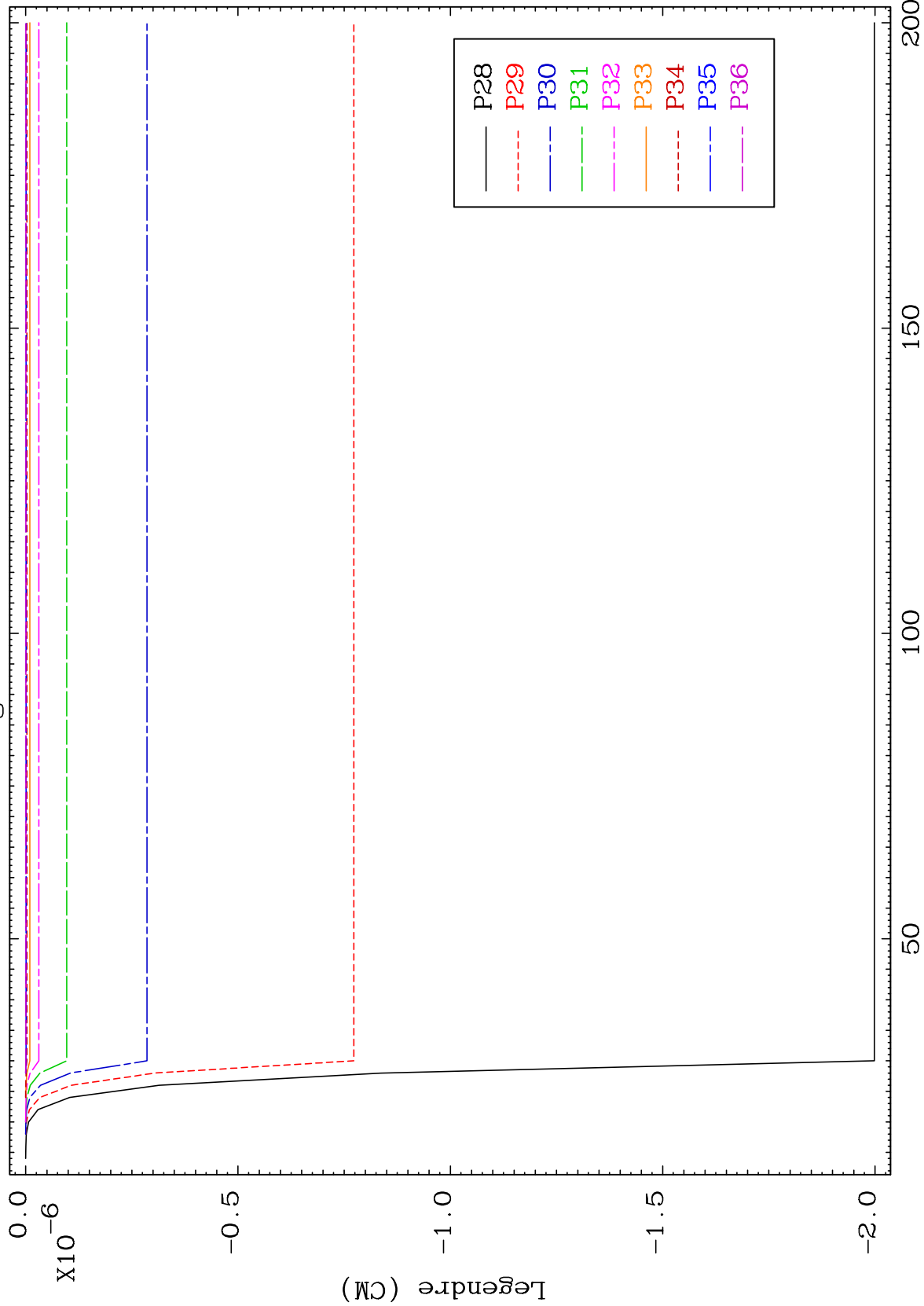
59-Pr-144







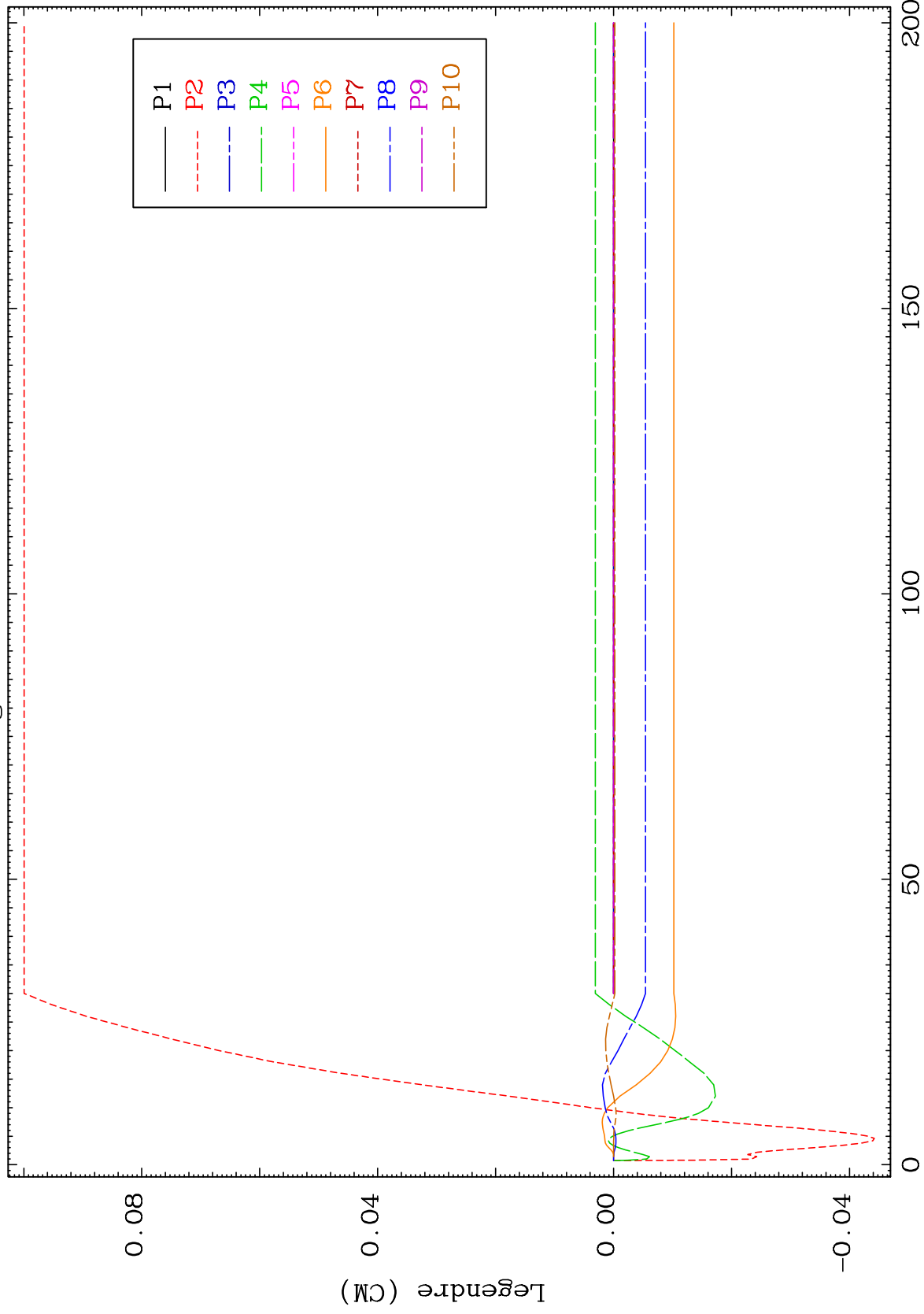




MAT 5934

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

59-Pr-144



84

Incident Energy (MeV)

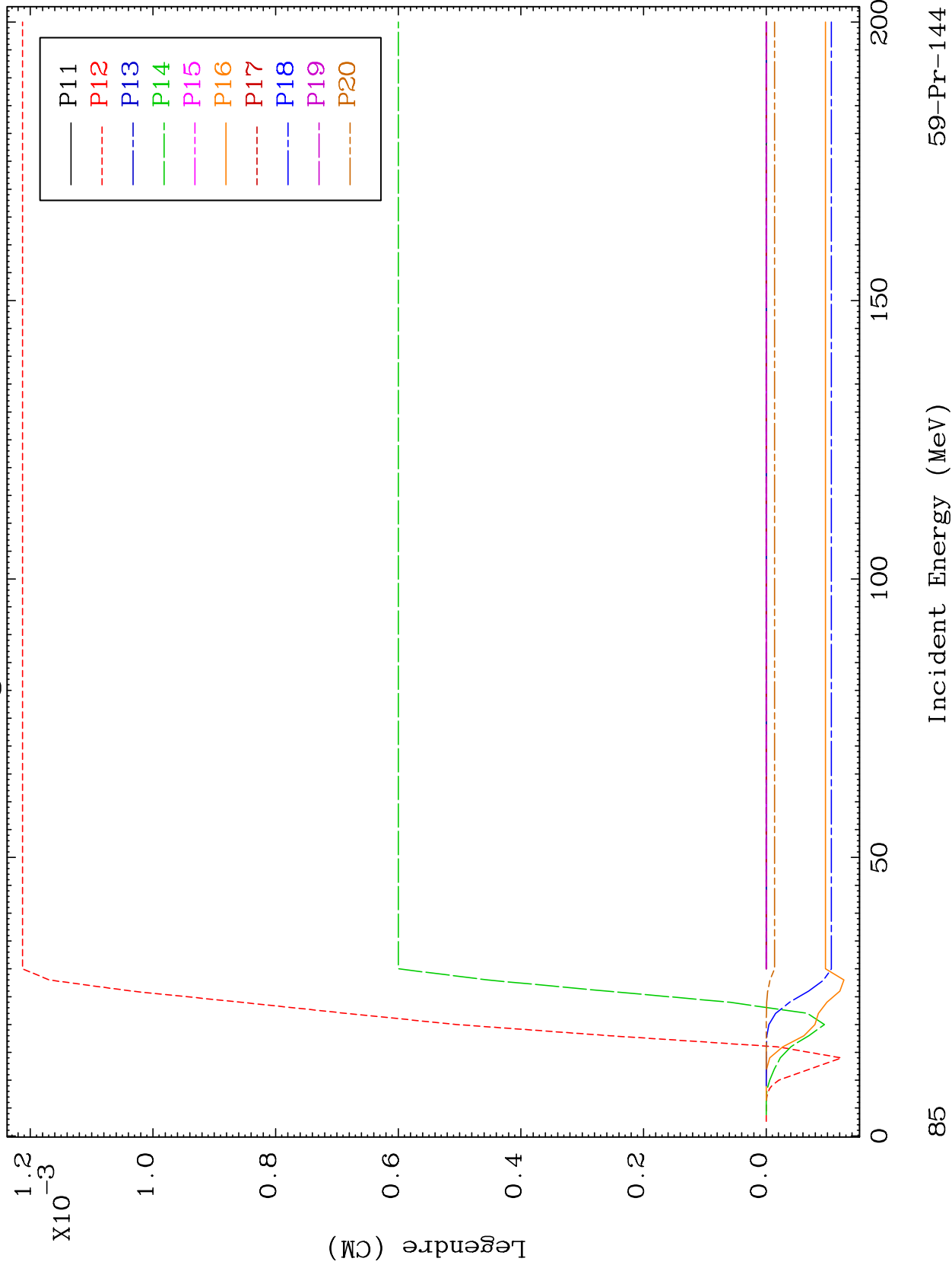
59-Pr-144

MAT 5934

MT= 68 (n,n') Level

59-Pr-144

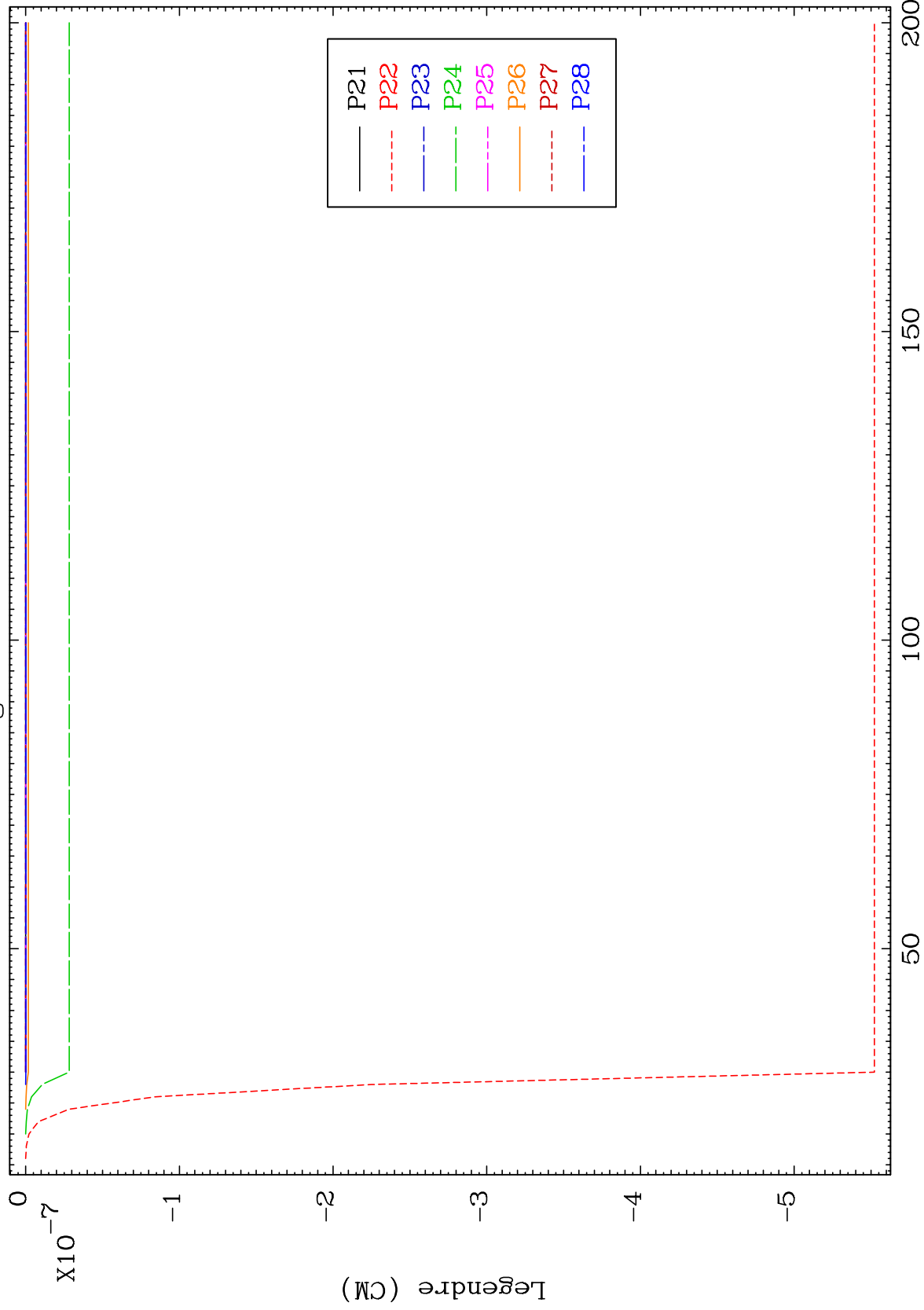
Legendre Coefficients



MAT 5934

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

59-Pr-144



86

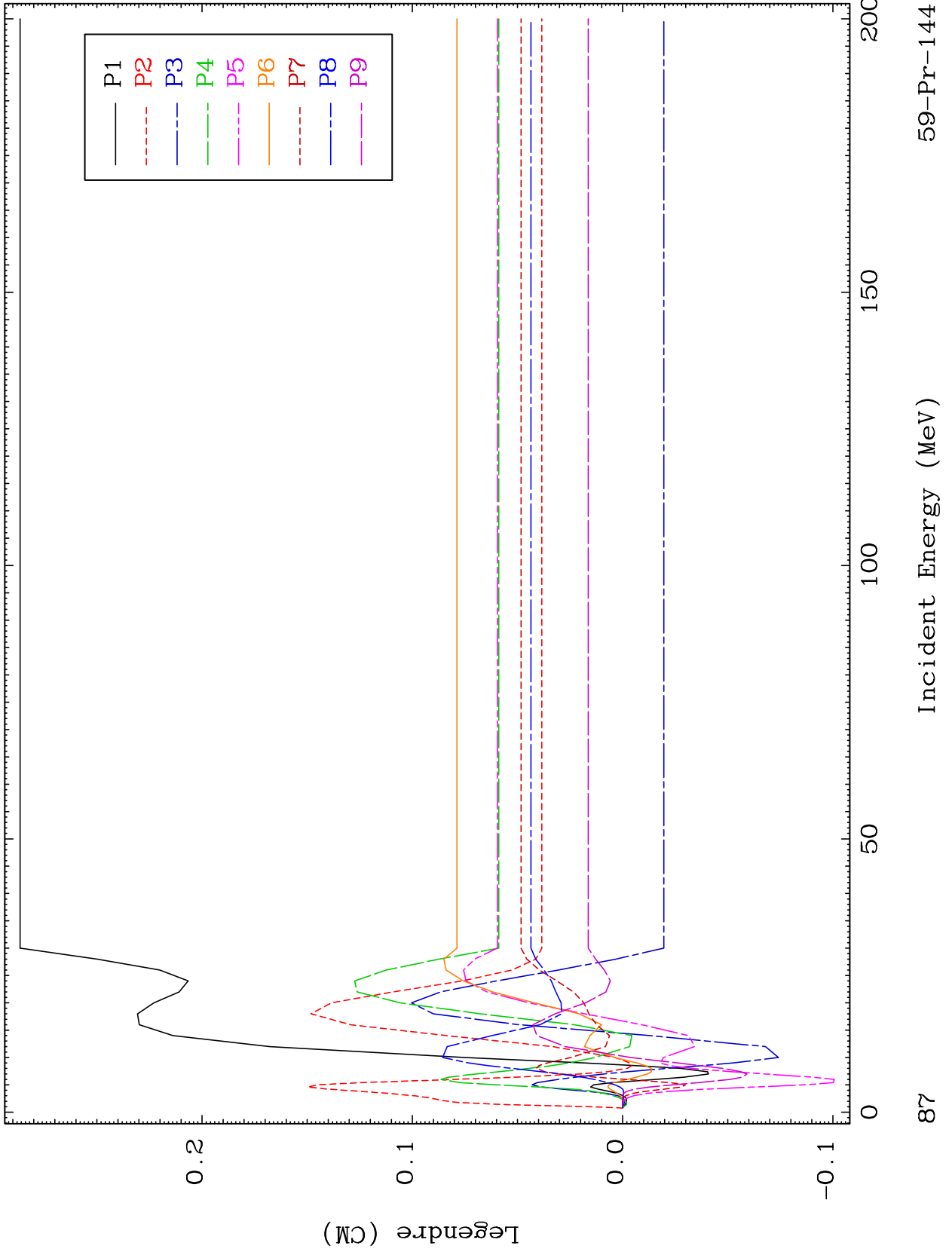
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



87

Incident Energy (MeV)

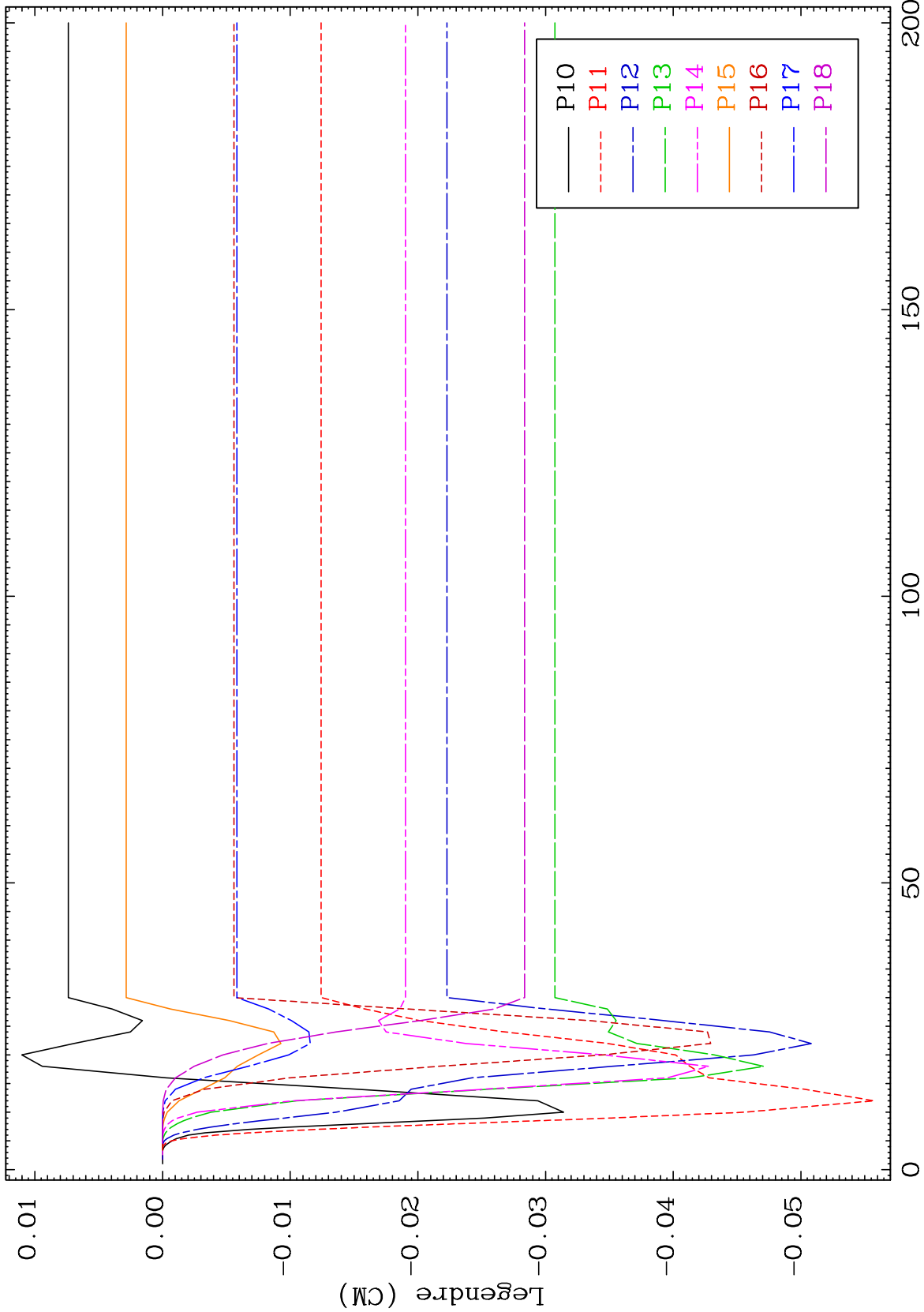
59-Pr-144



MAT 5934

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

59-Pr-144



88

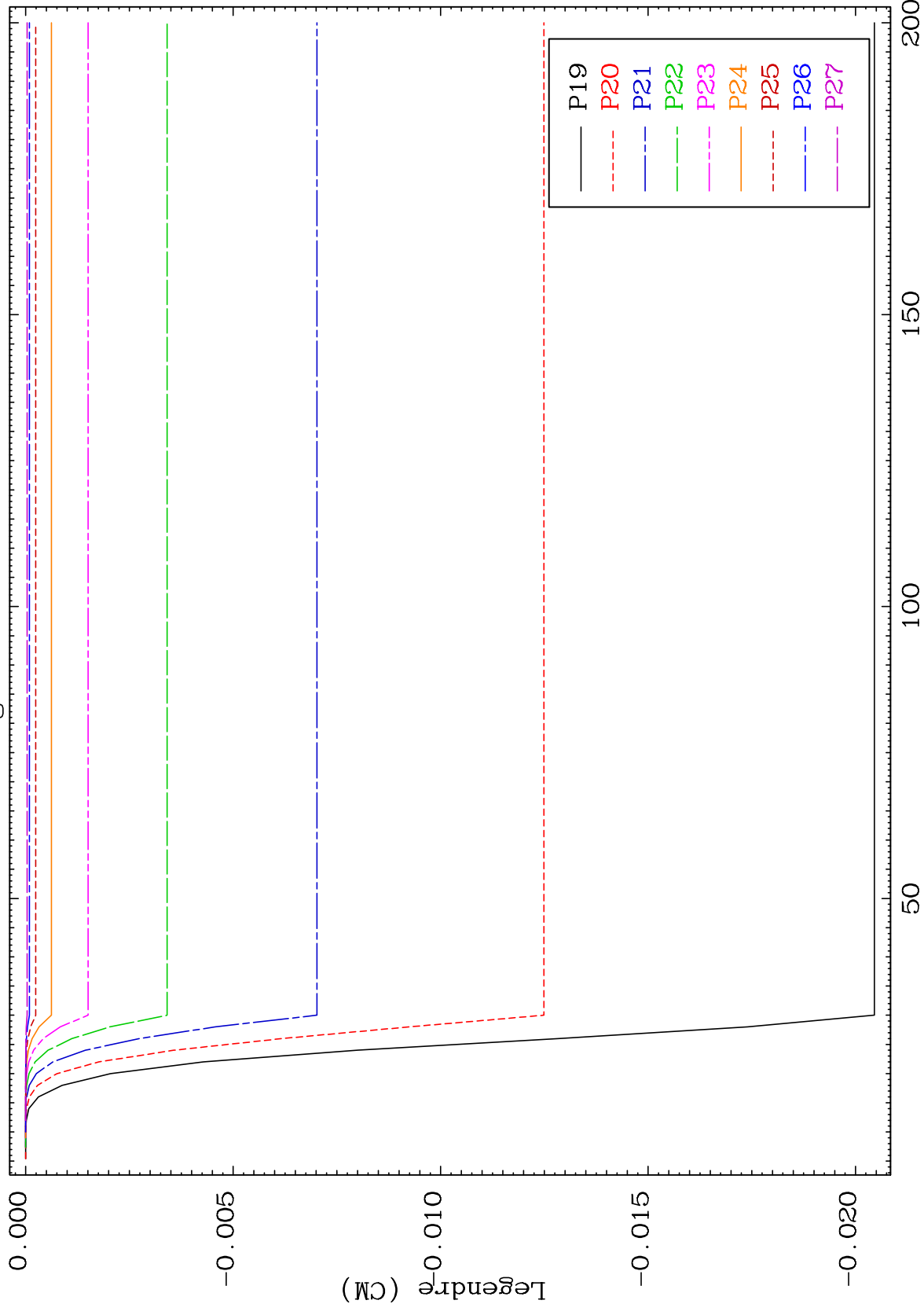
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144

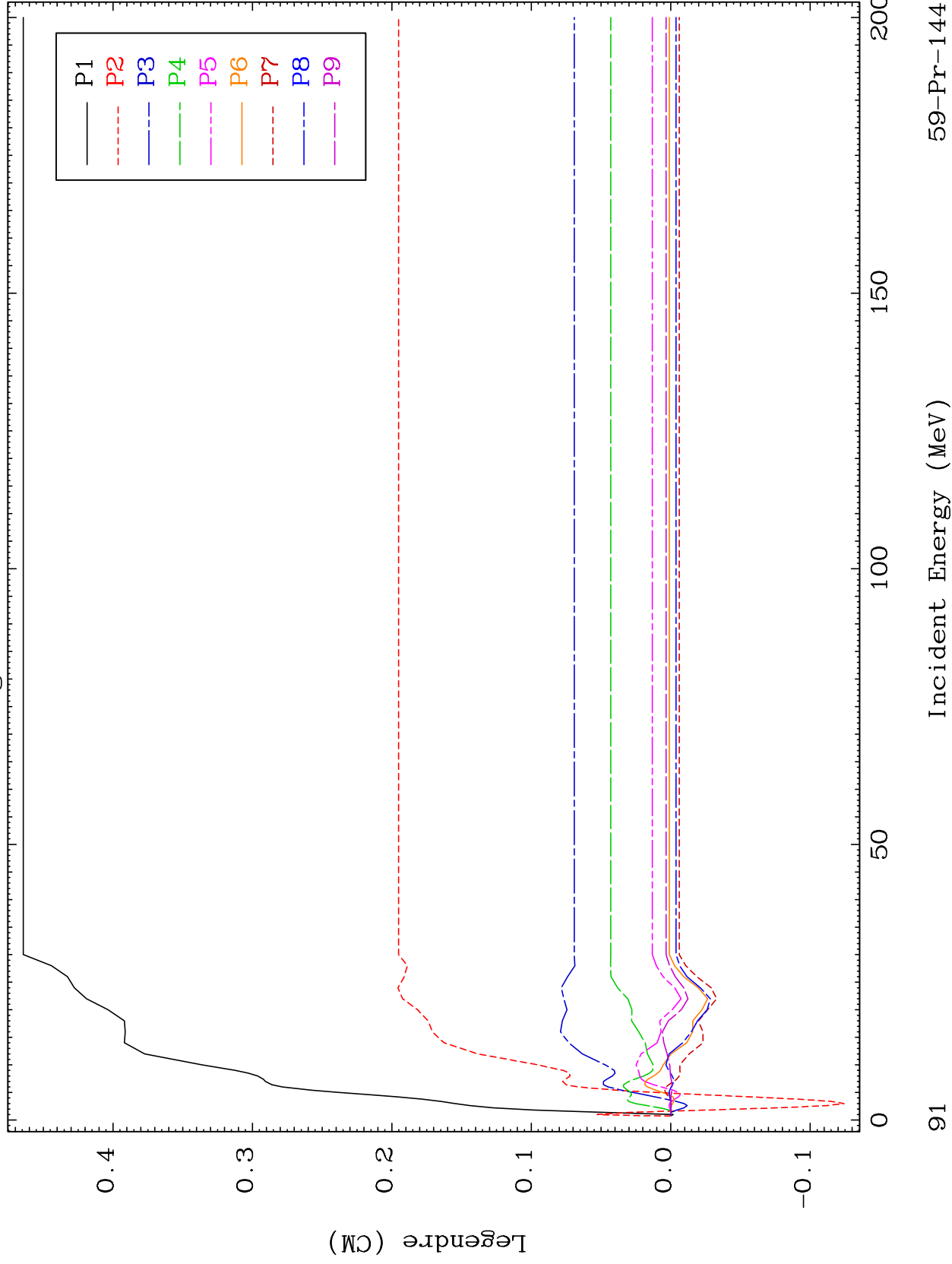




MAT 5934

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

59-Pr-144



59-Pr-144

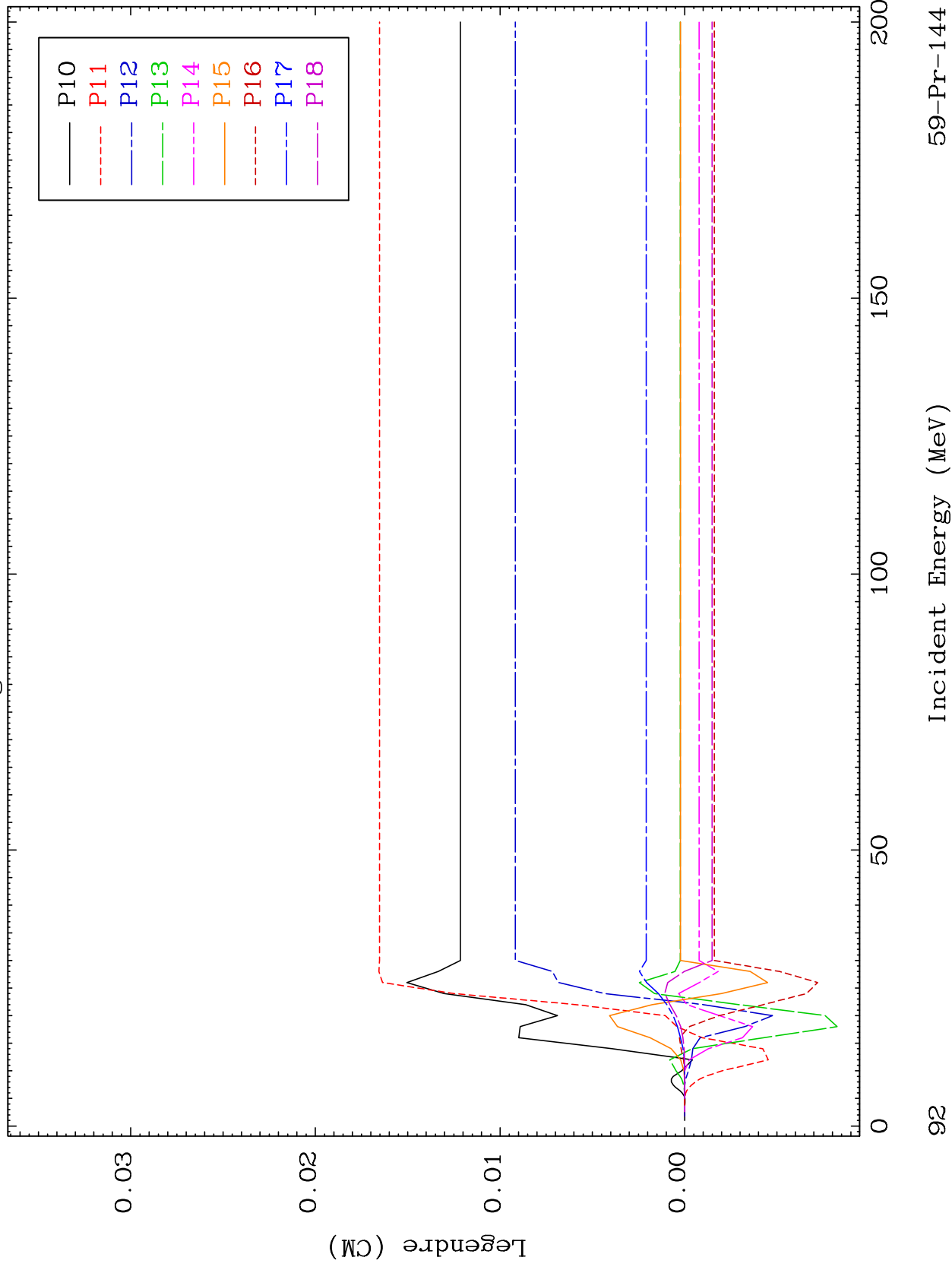
Incident Energy (MeV)

91

MAT 5934

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

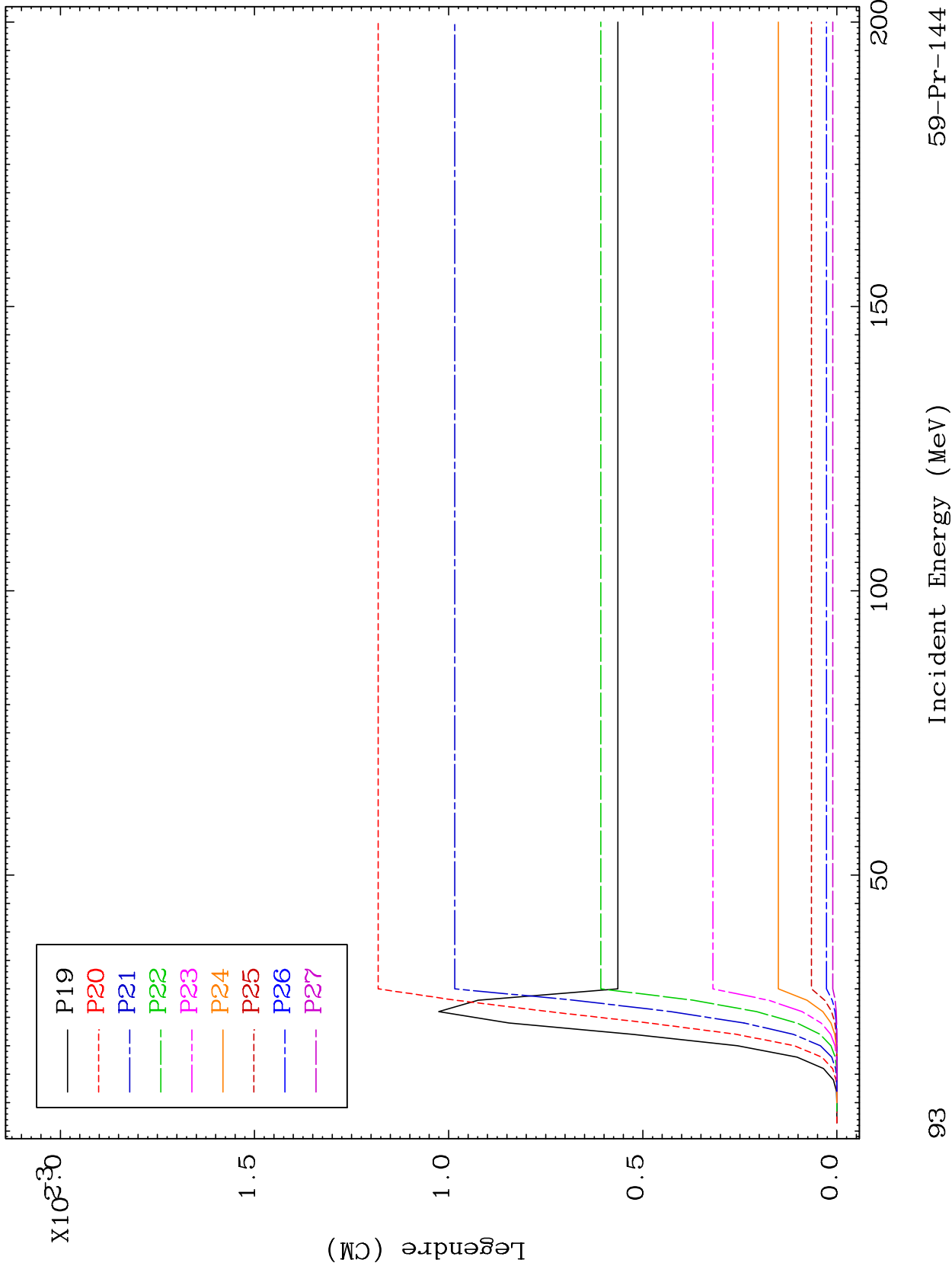
59-Pr-144



92

Incident Energy (MeV)

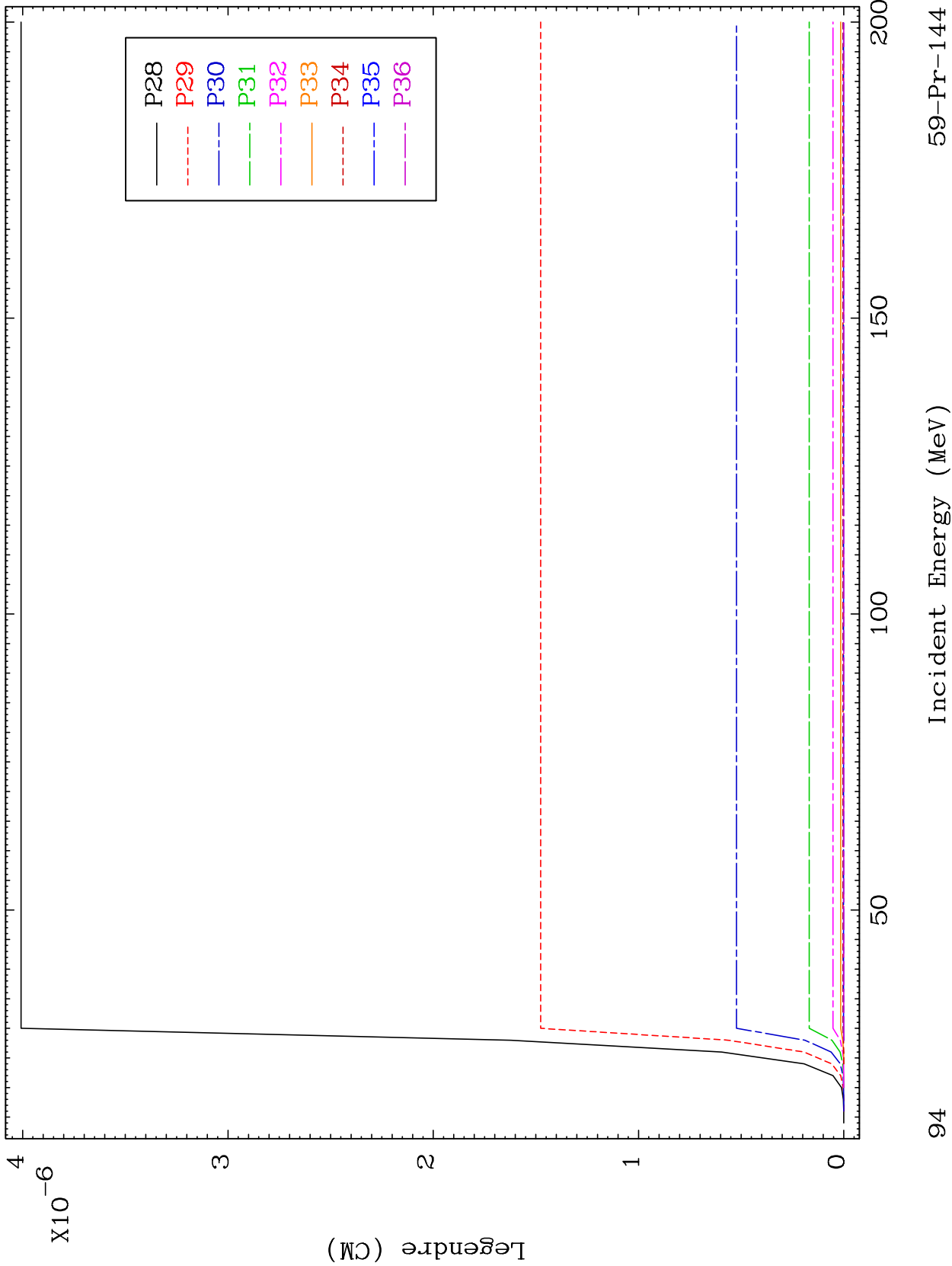
59-Pr-144



MAT 5934

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

59-Pr-144



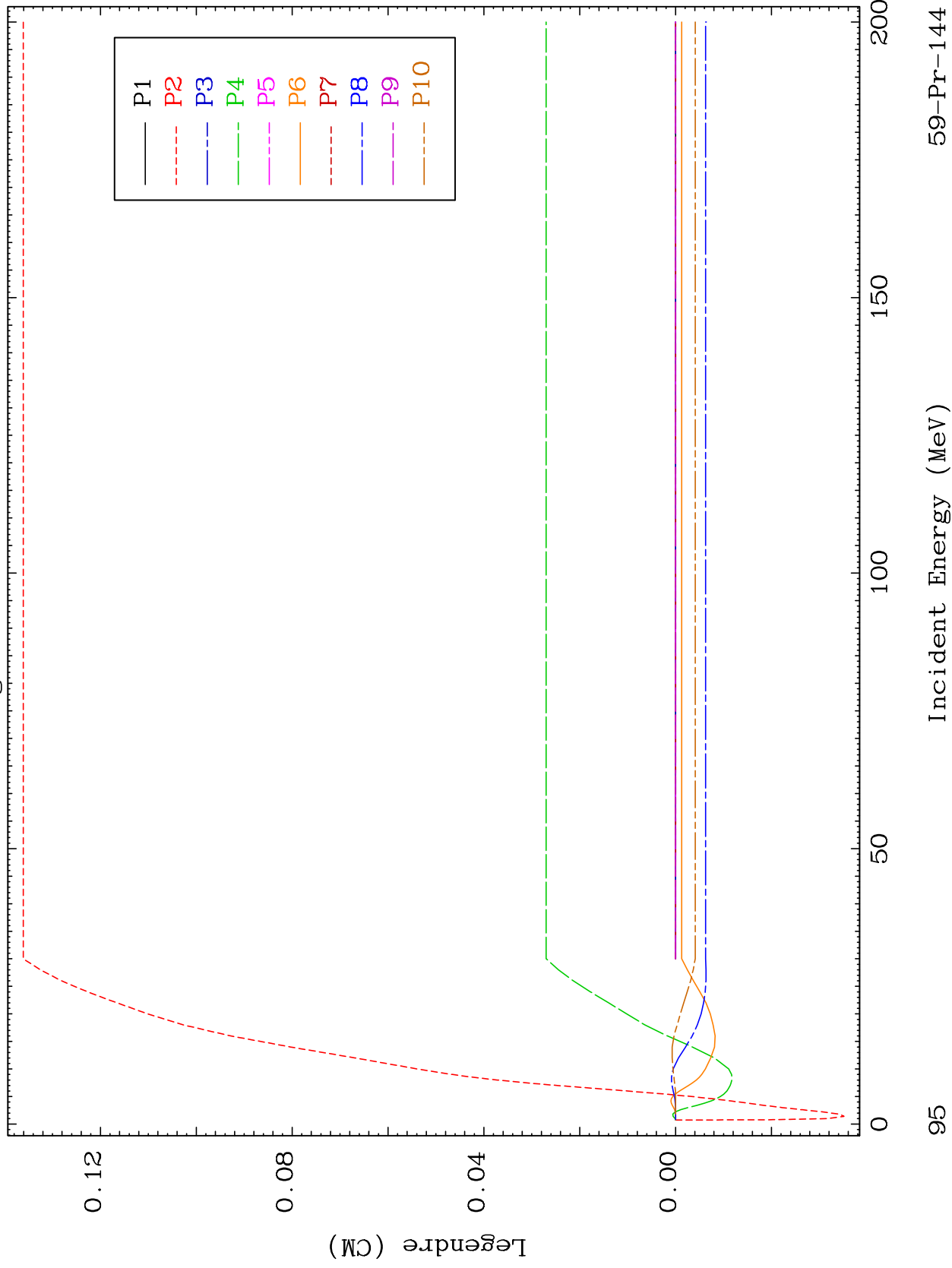
94

59-Pr-144

MAT 5934

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

59-Pr-144

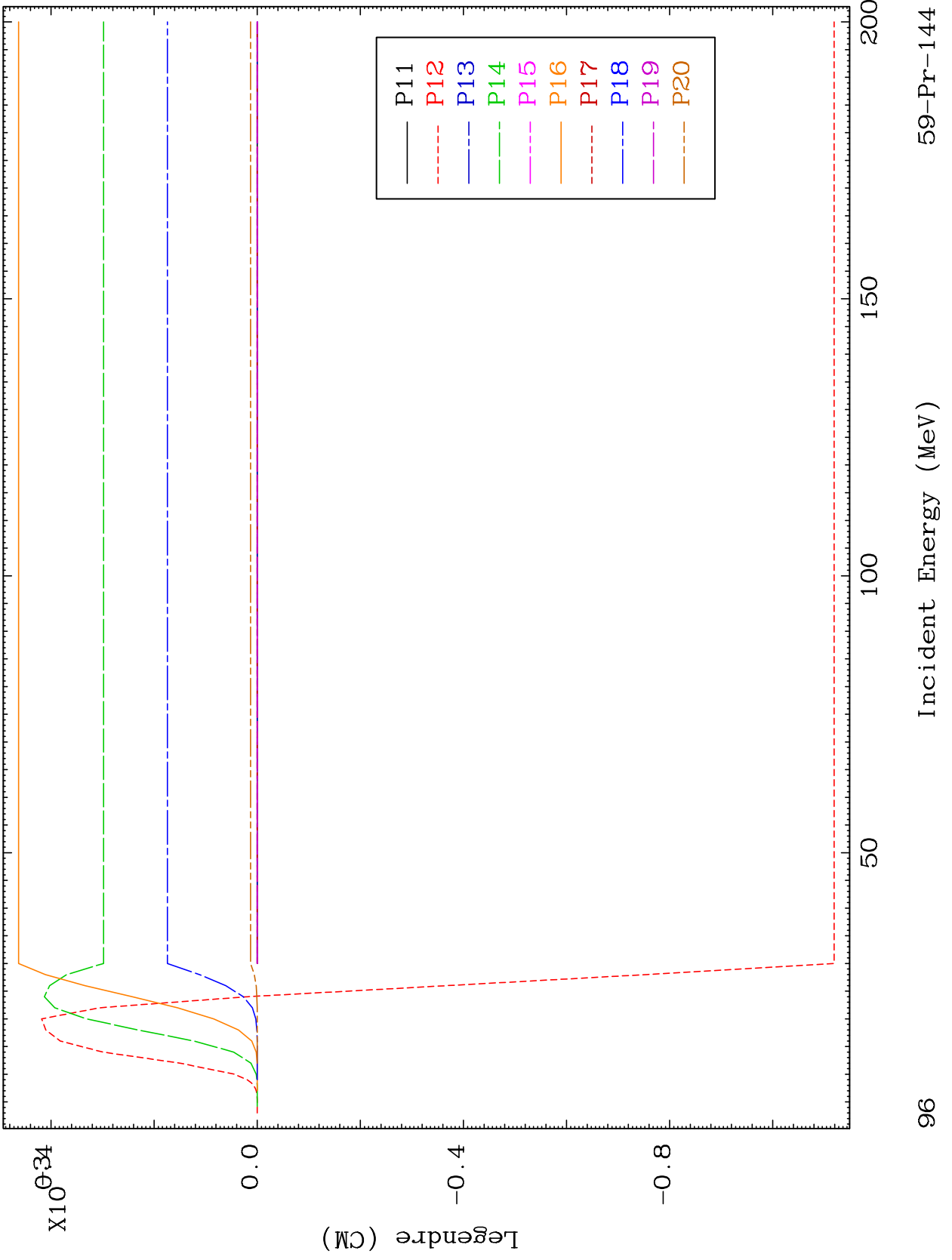


59-Pr-144

Incident Energy (MeV)

95

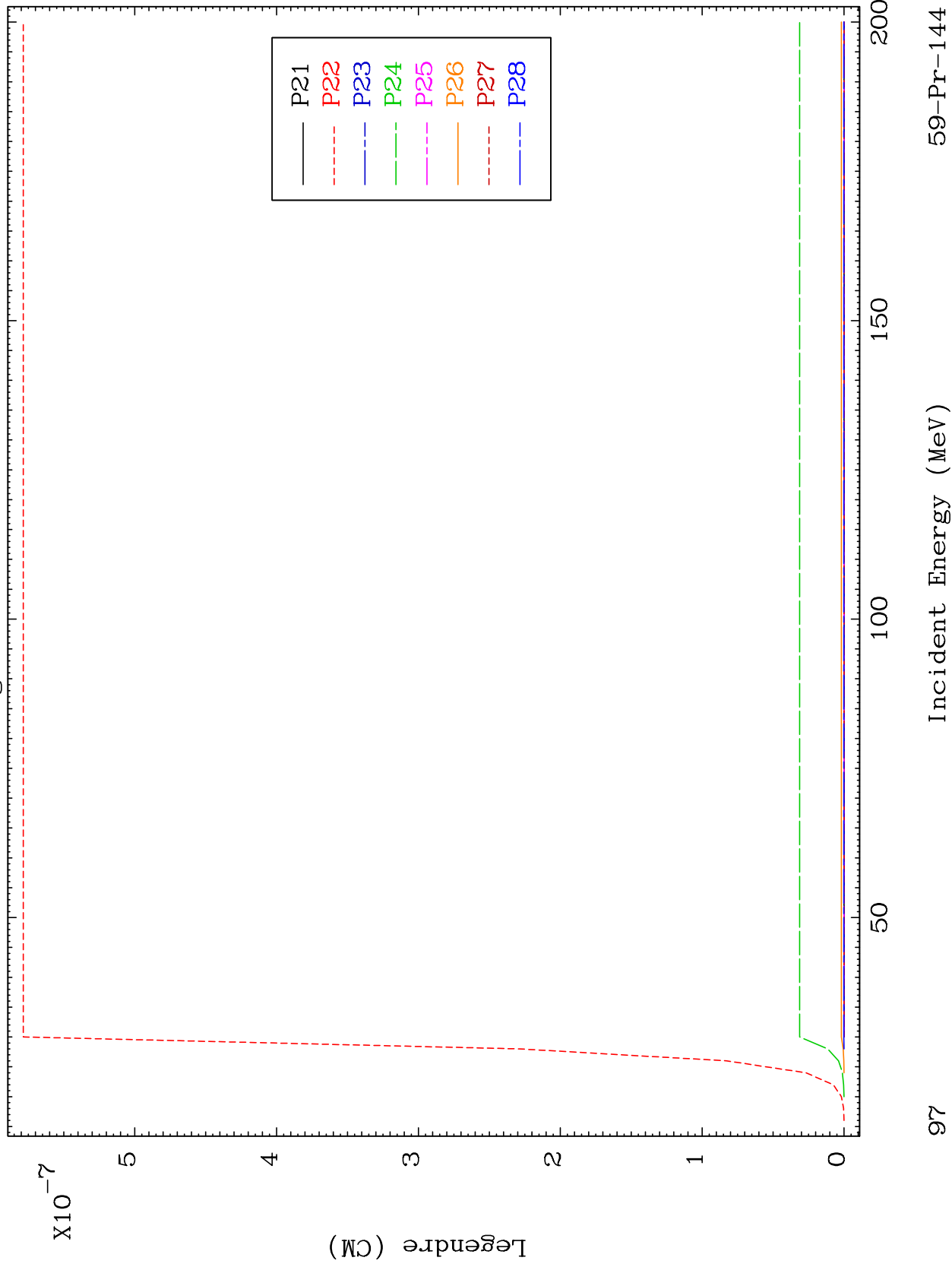


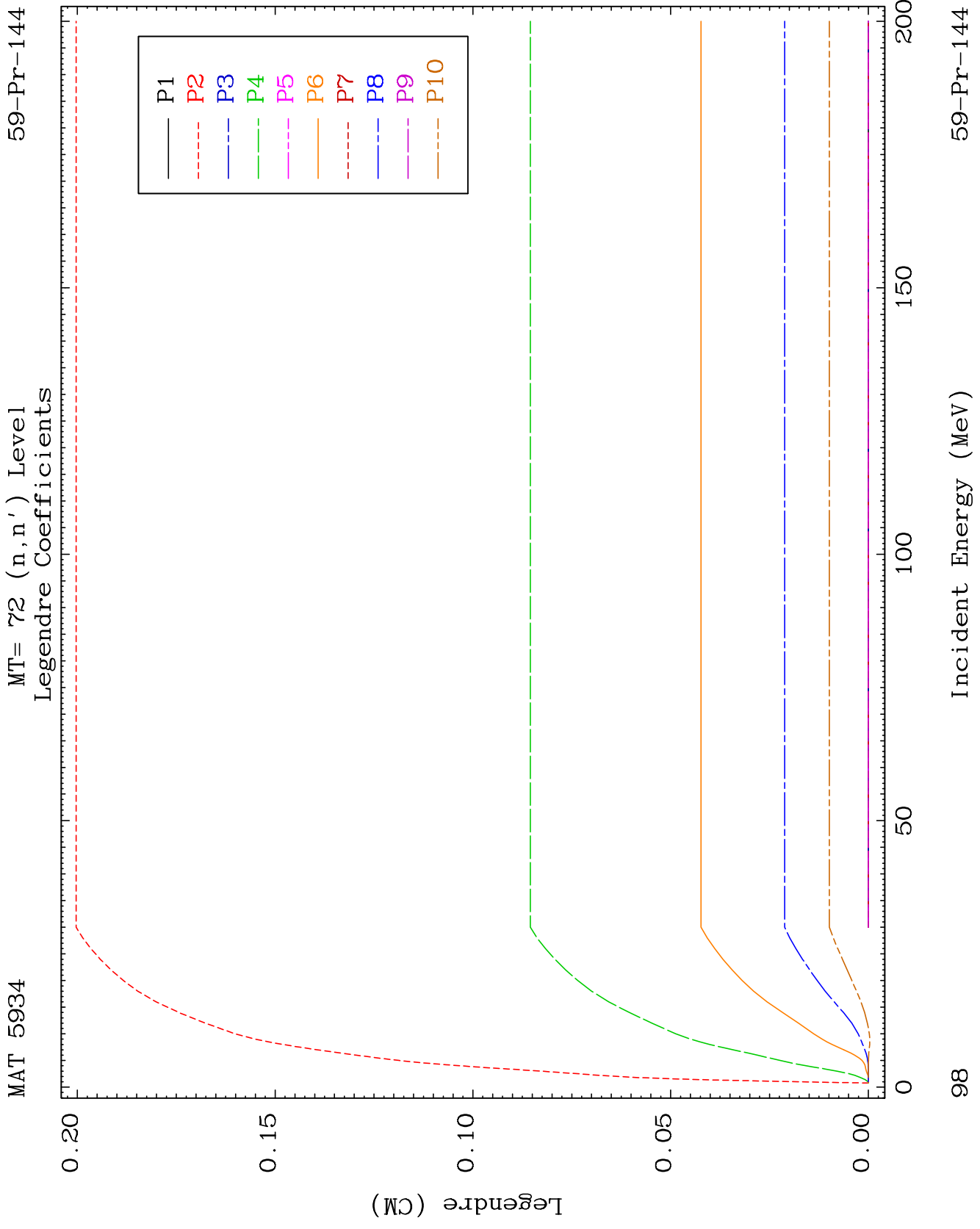


MAT 5934

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

59-Pr-144





59-Pr-144

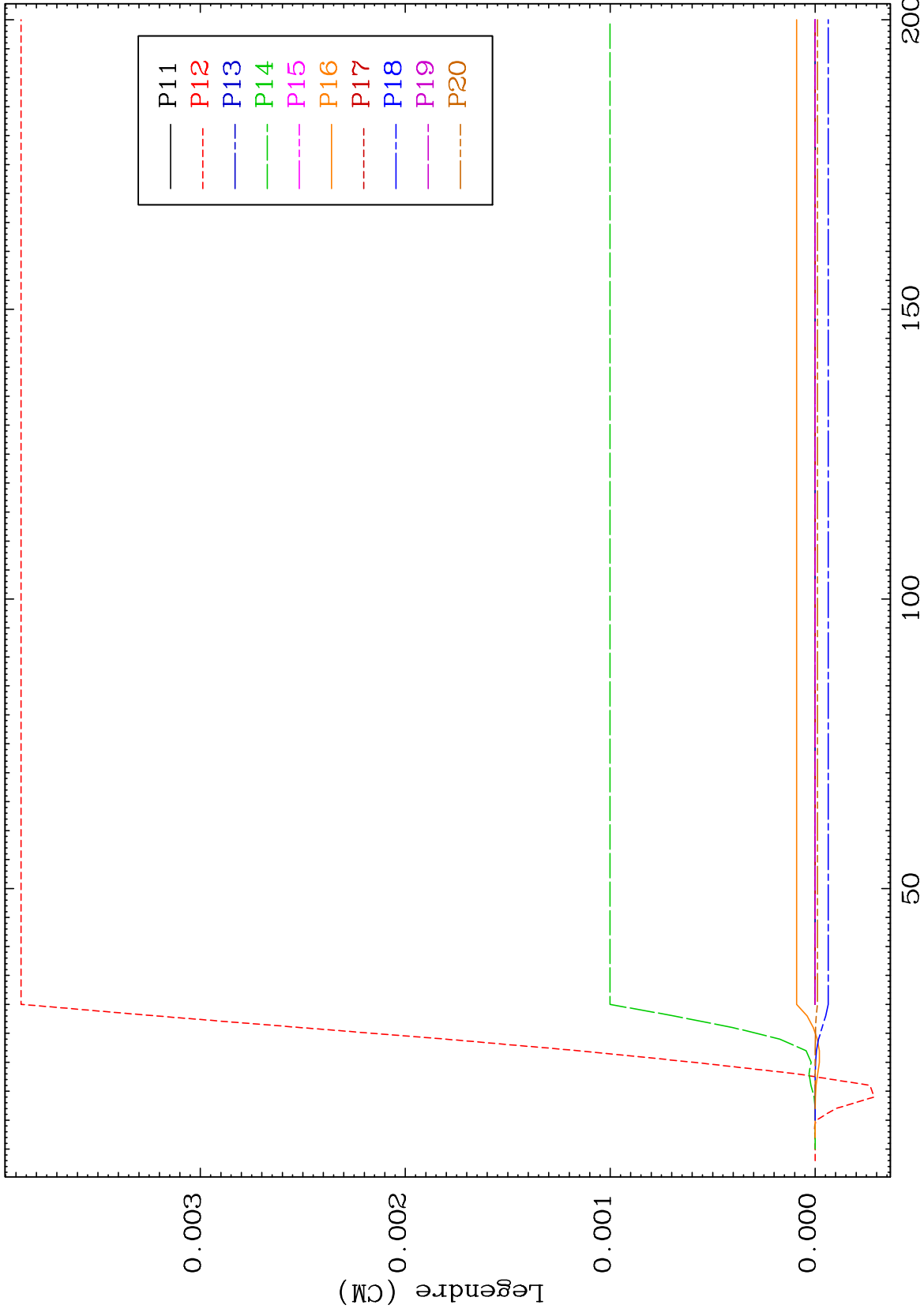
Incident Energy (MeV)

98

MAT 5934

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

59-Pr-144



99

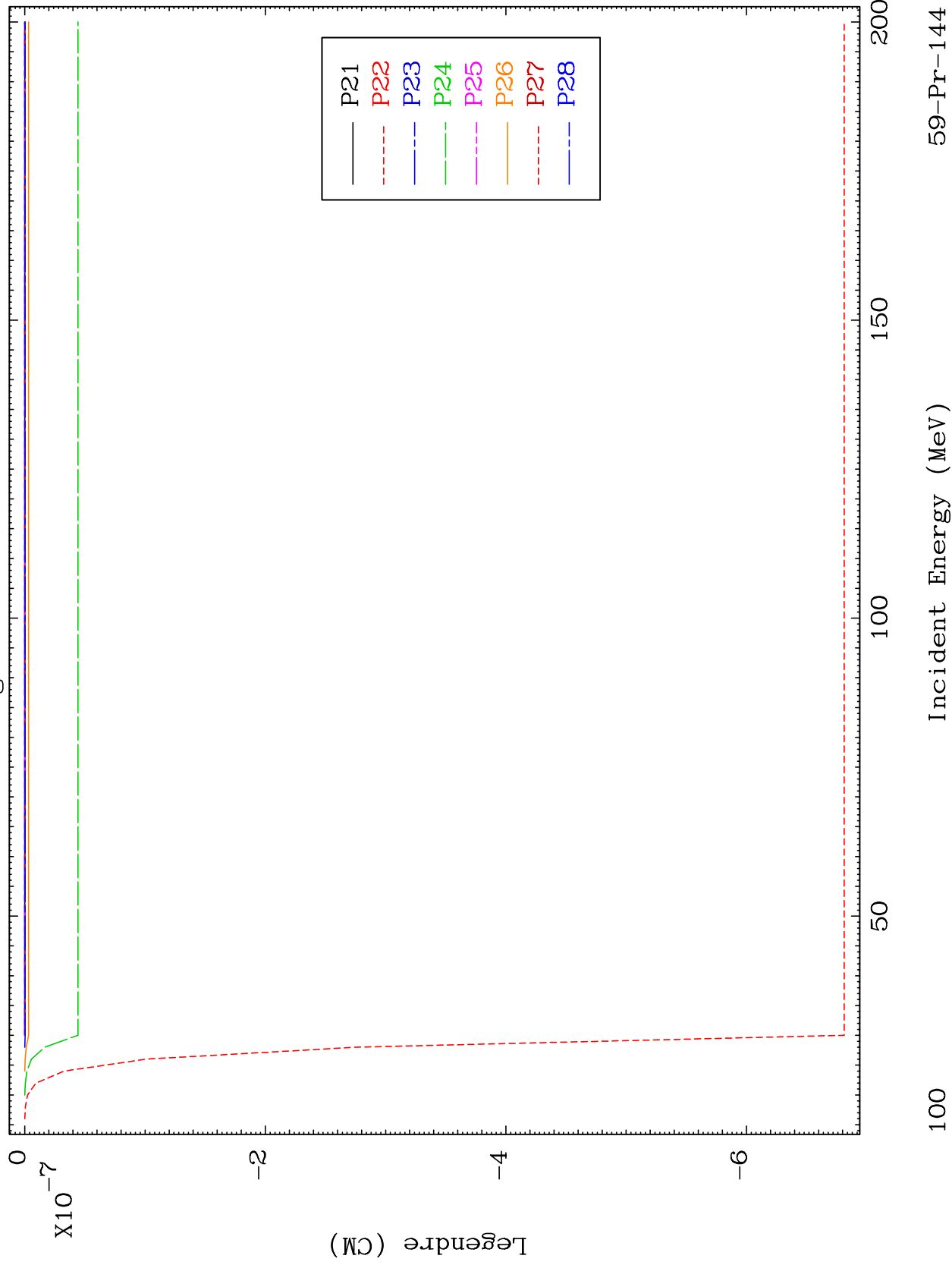
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144

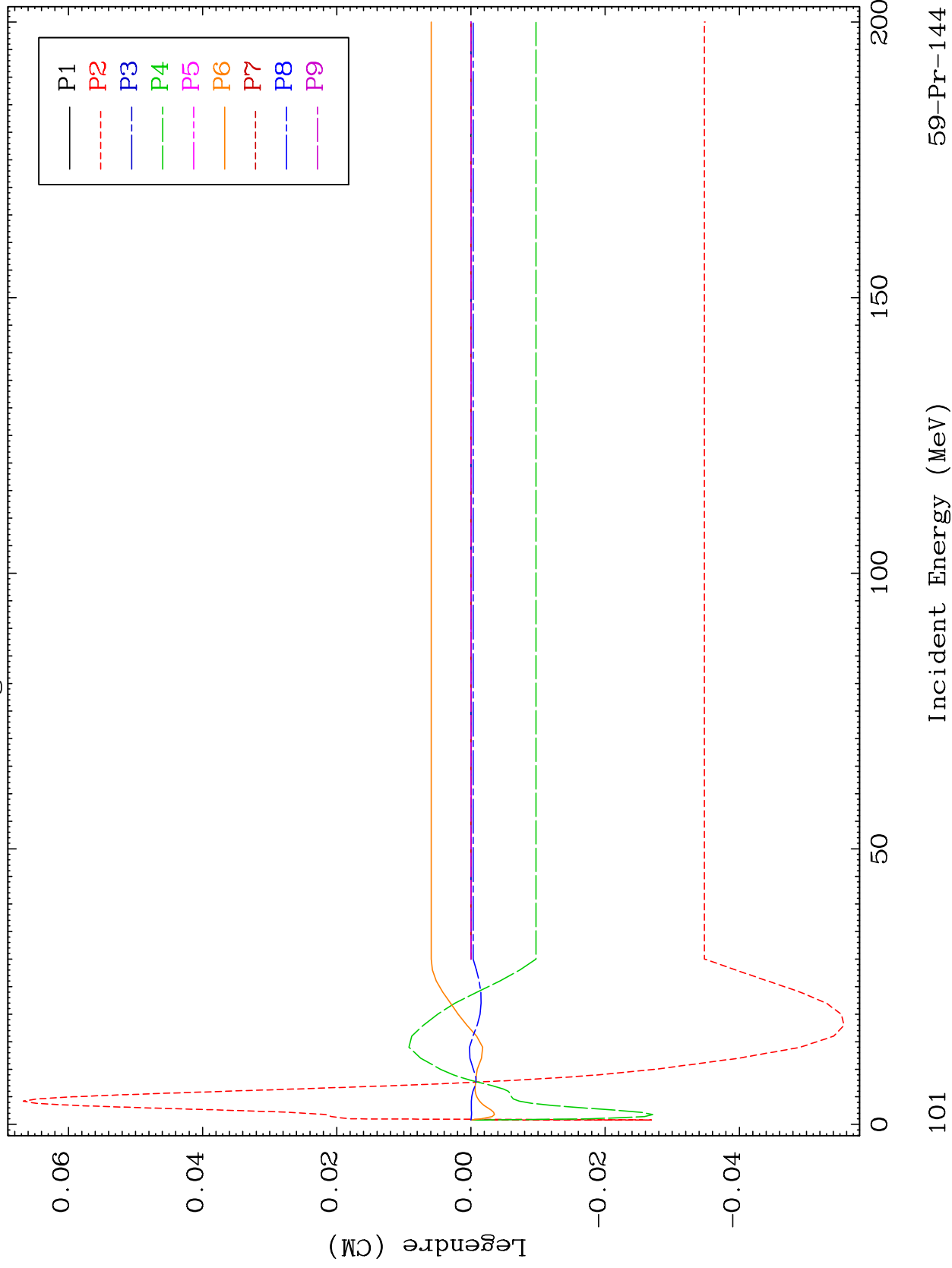


59-Pr-144

MAT 5934

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

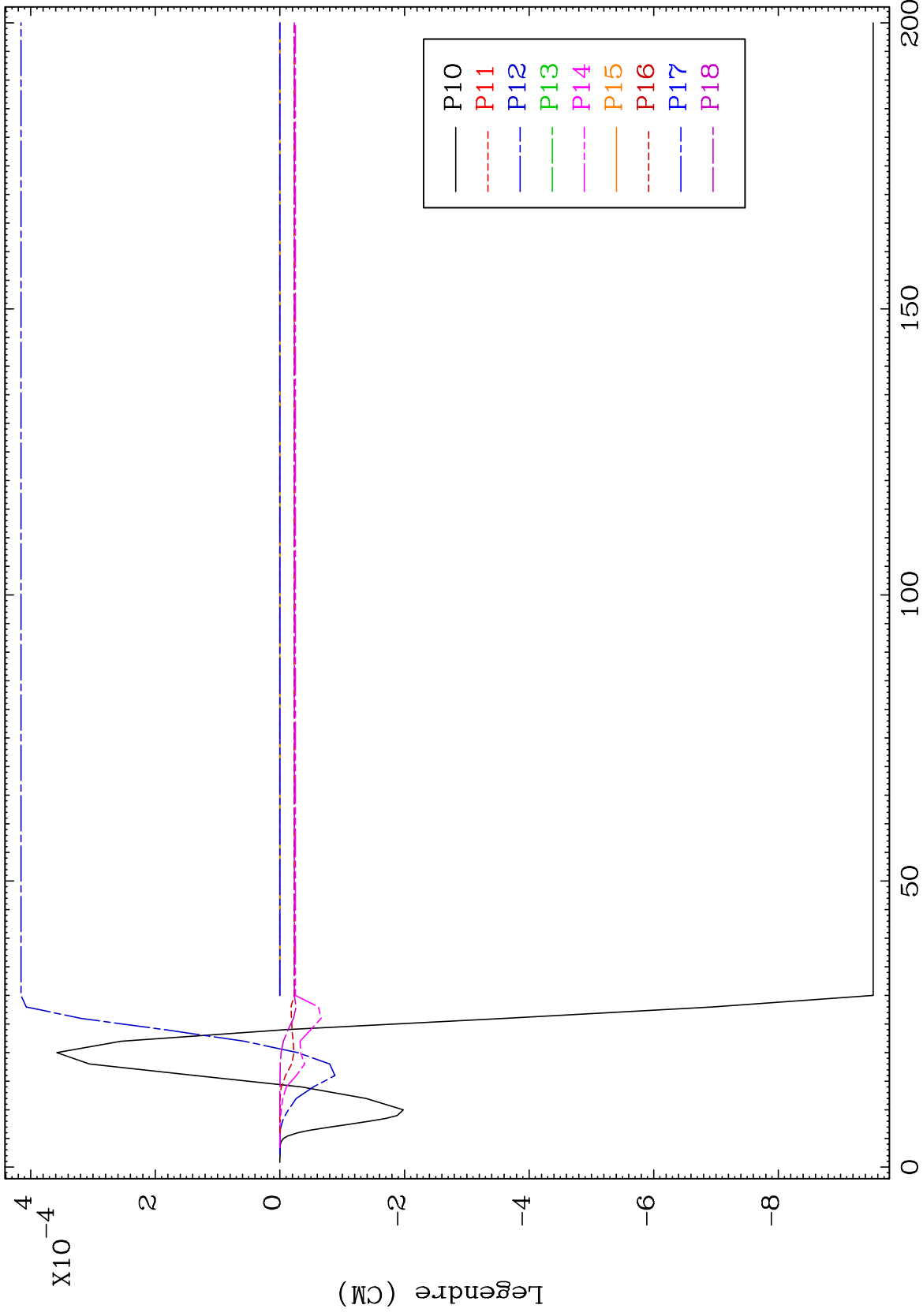
59-Pr-144

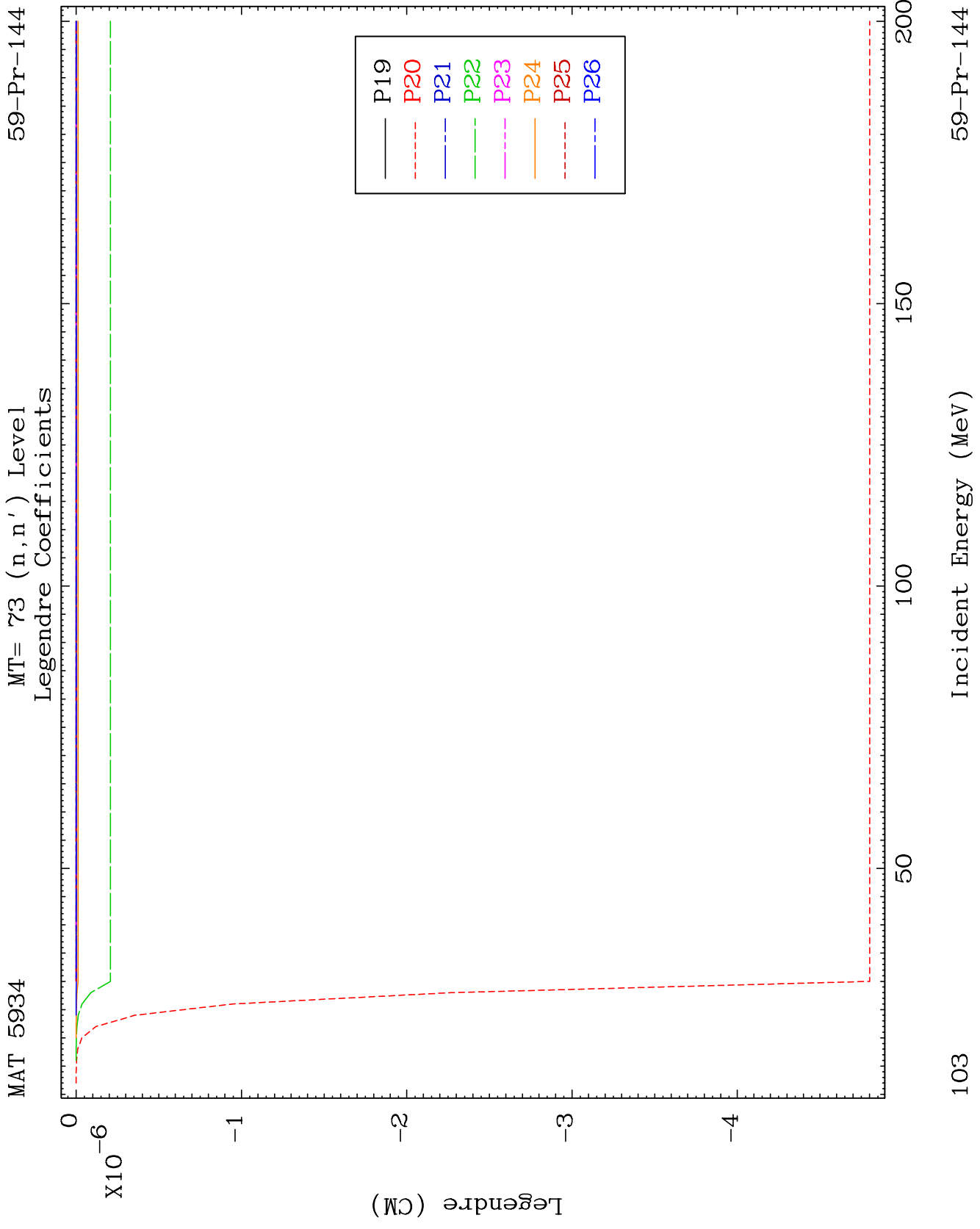


59-Pr-144

Incident Energy (MeV)

101



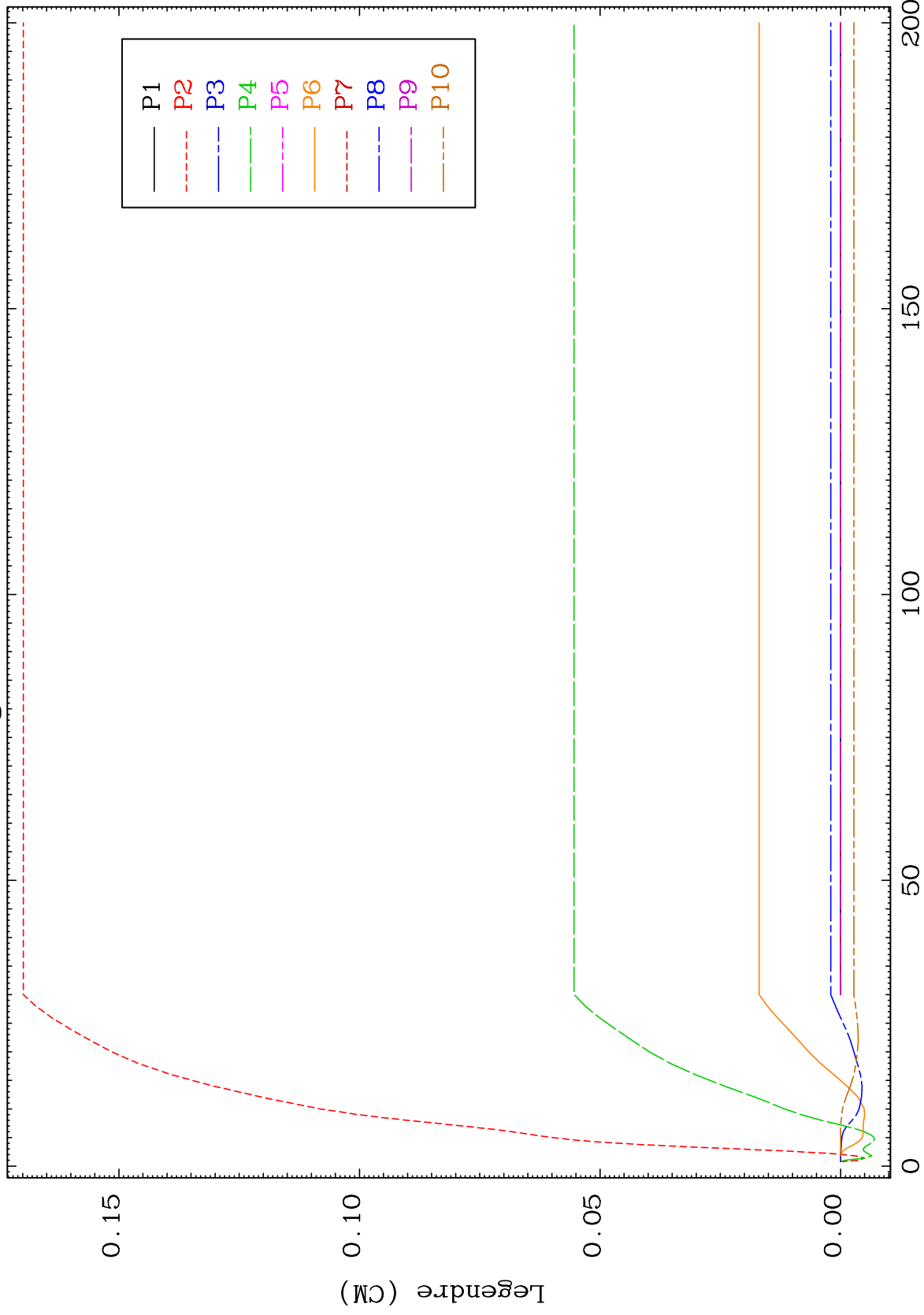




MAT 5934

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

59-Pr-144



104

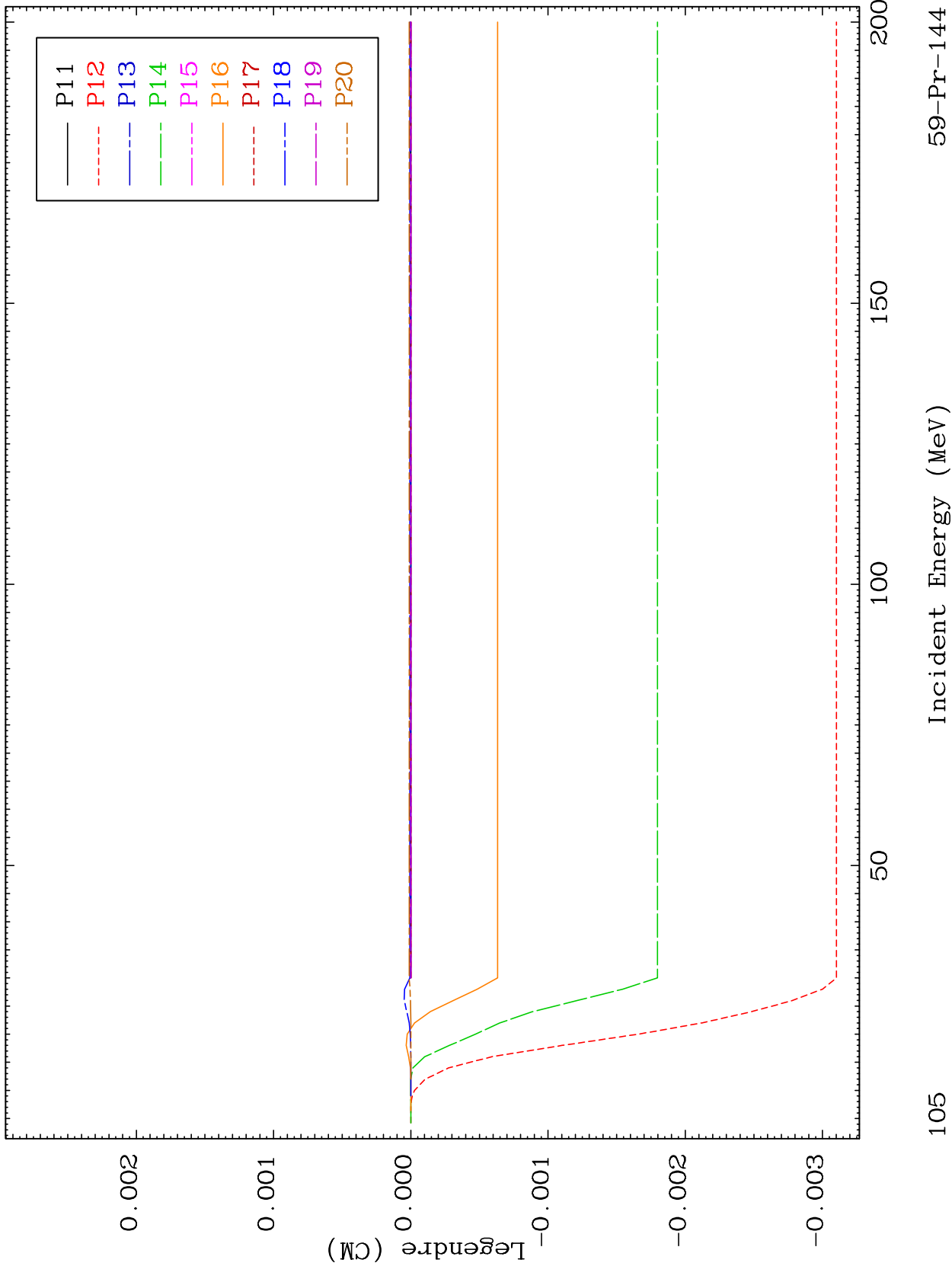
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



105

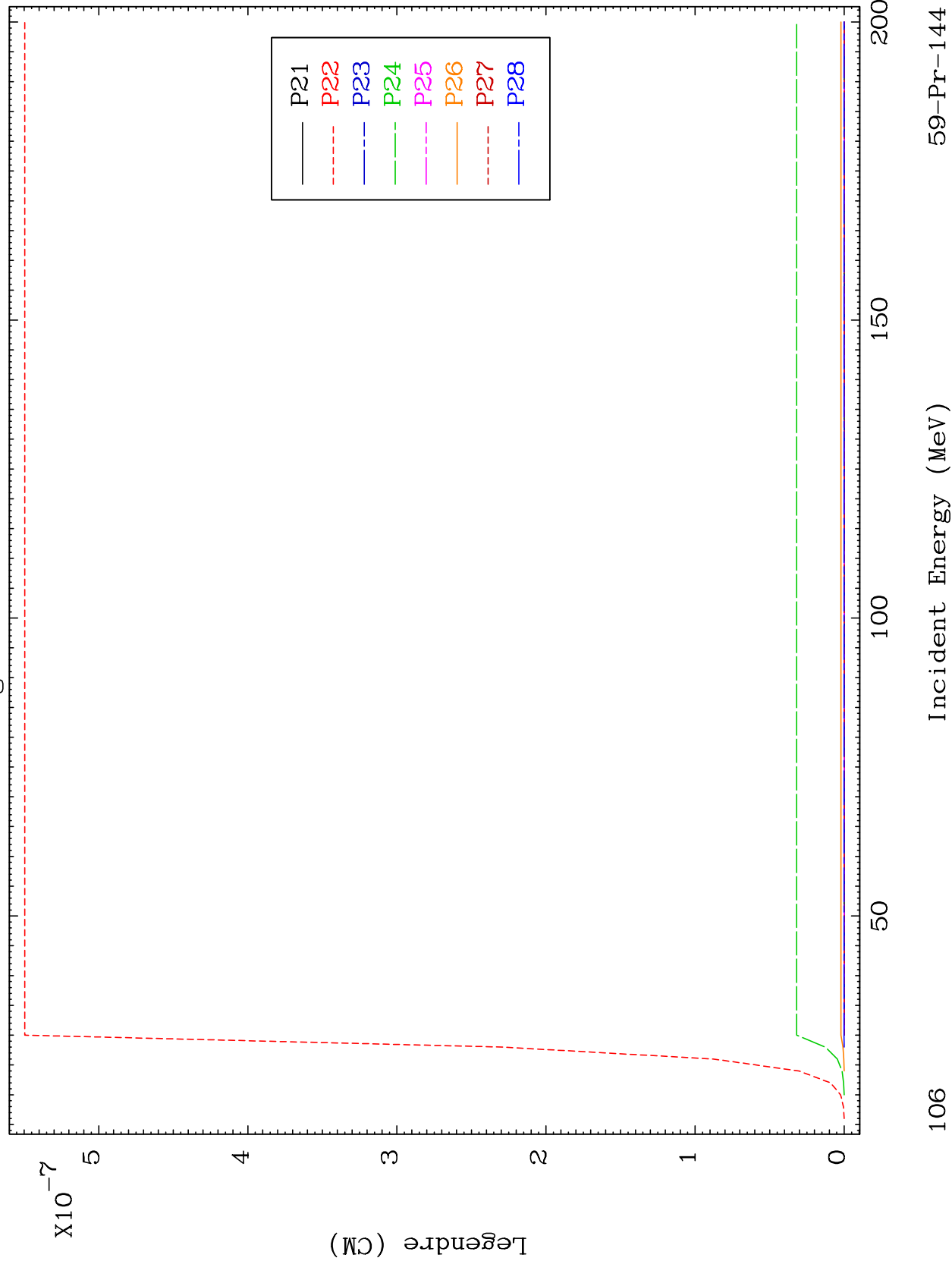
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

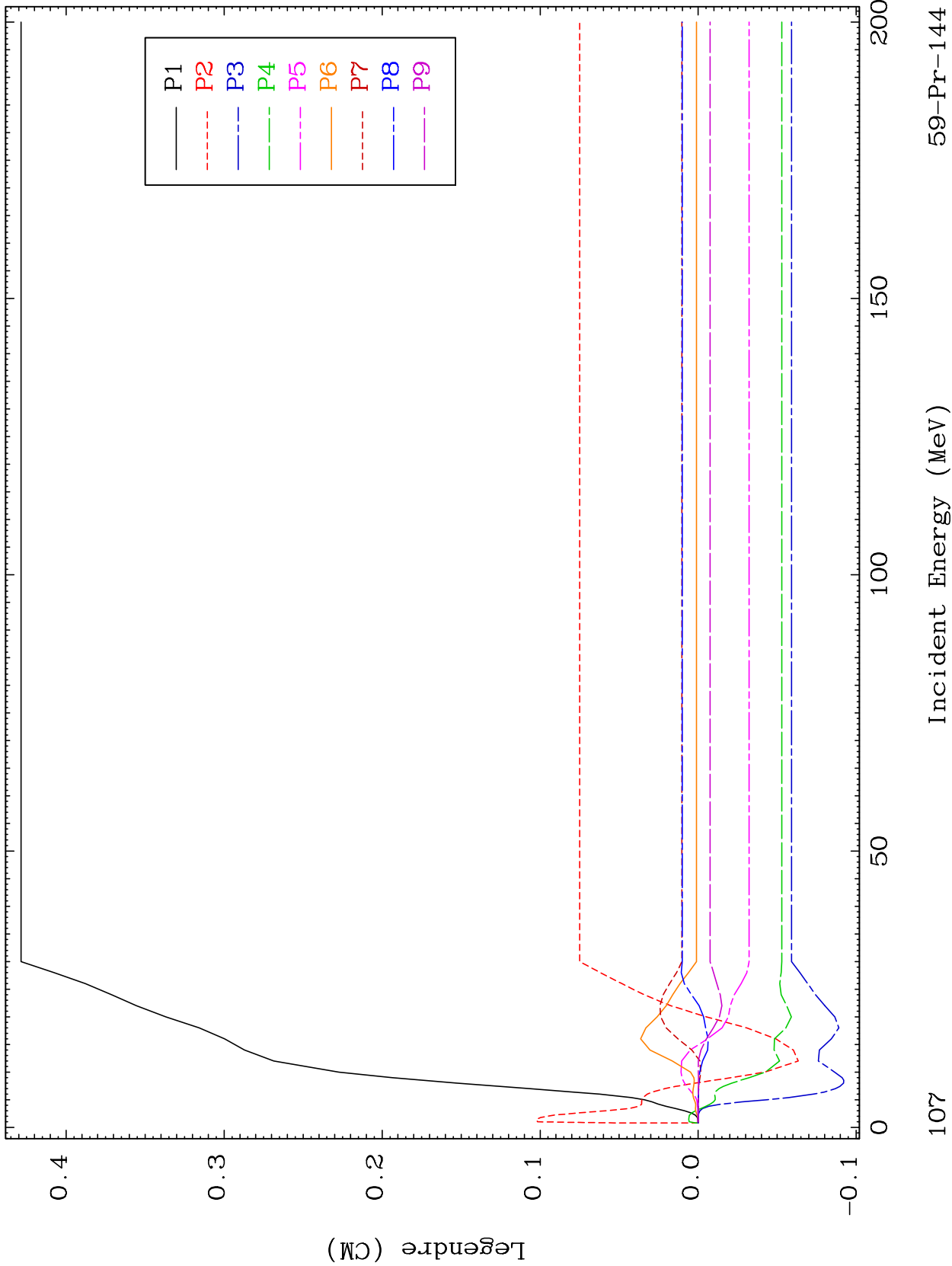
Incident Energy (MeV)

106

MAT 5934

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

59-Pr-144



59-Pr-144

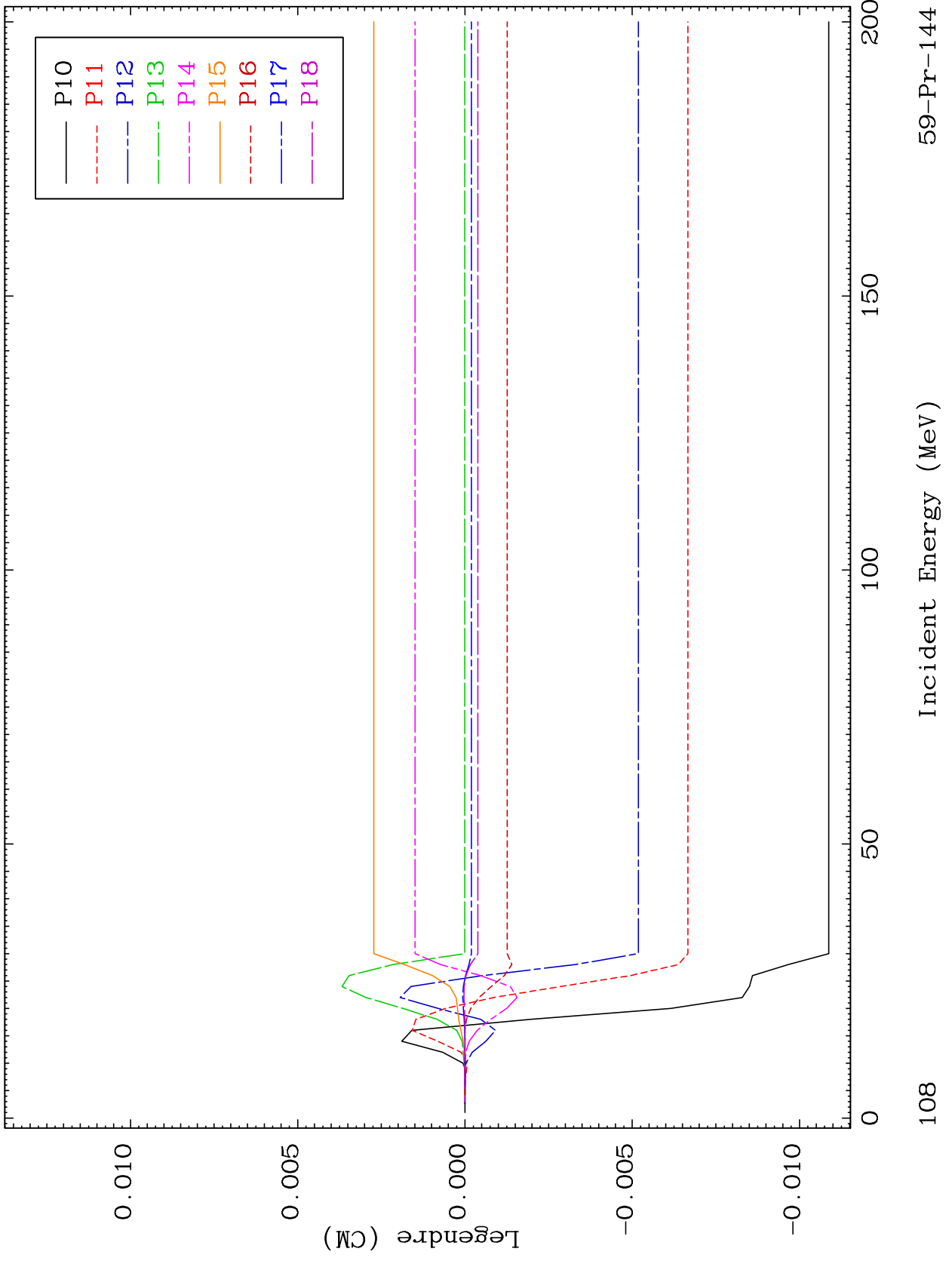
Incident Energy (MeV)

107

MAT 5934

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

59-Pr-144



108

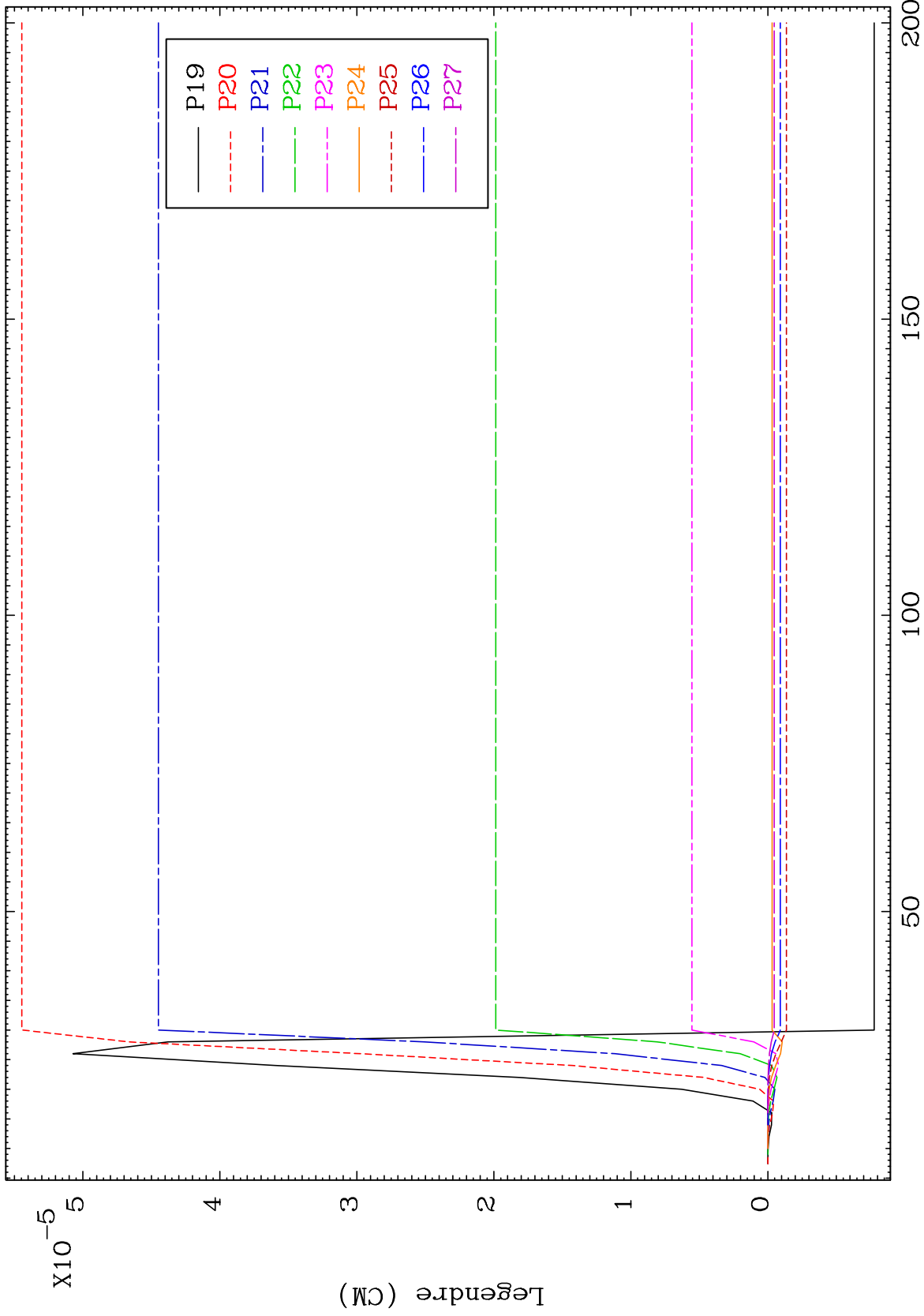
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



109

Incident Energy (MeV)

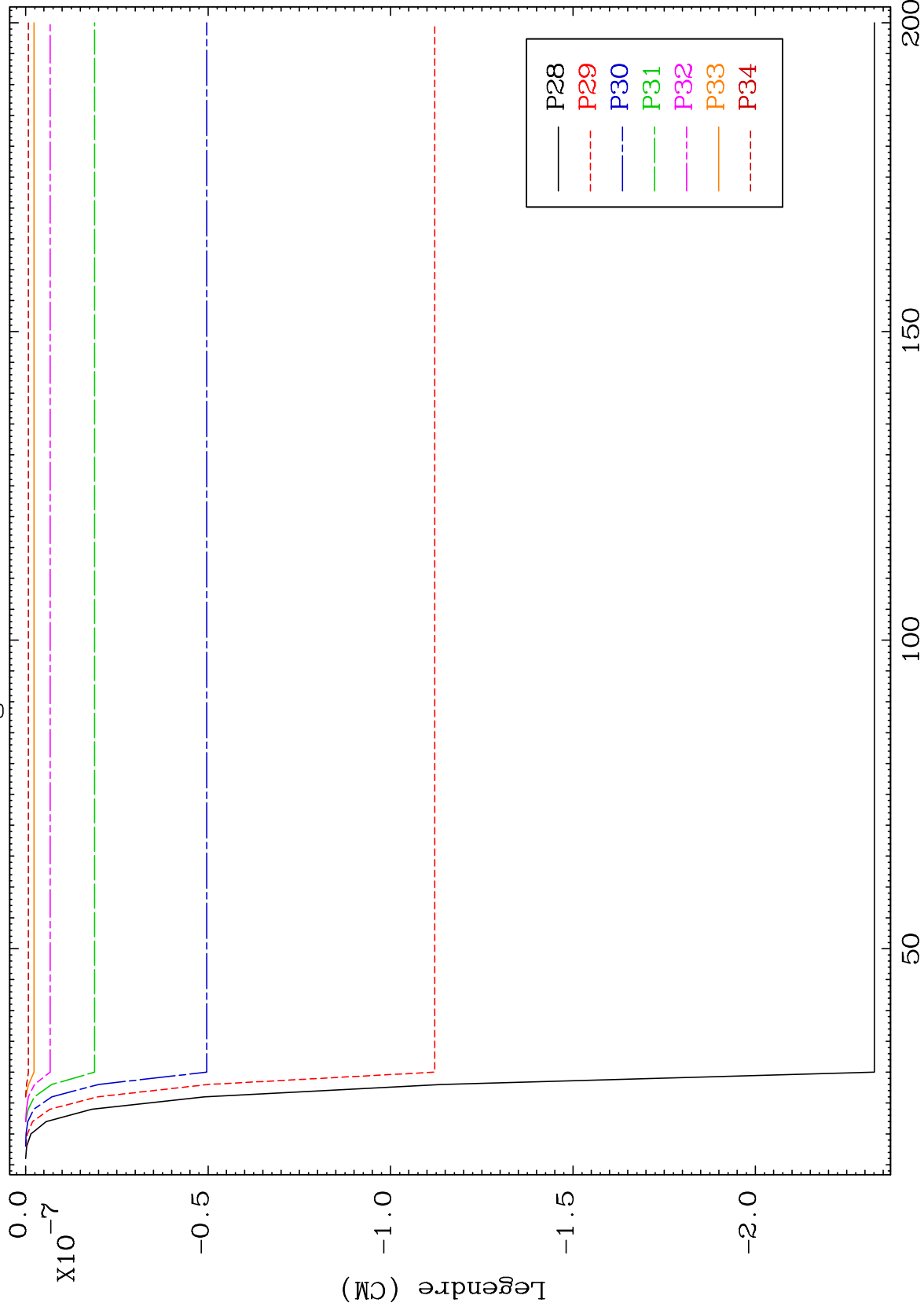
59-Pr-144

MAT 5934

MT= 75 (n,n') Level

59-Pr-144

Legendre Coefficients



110

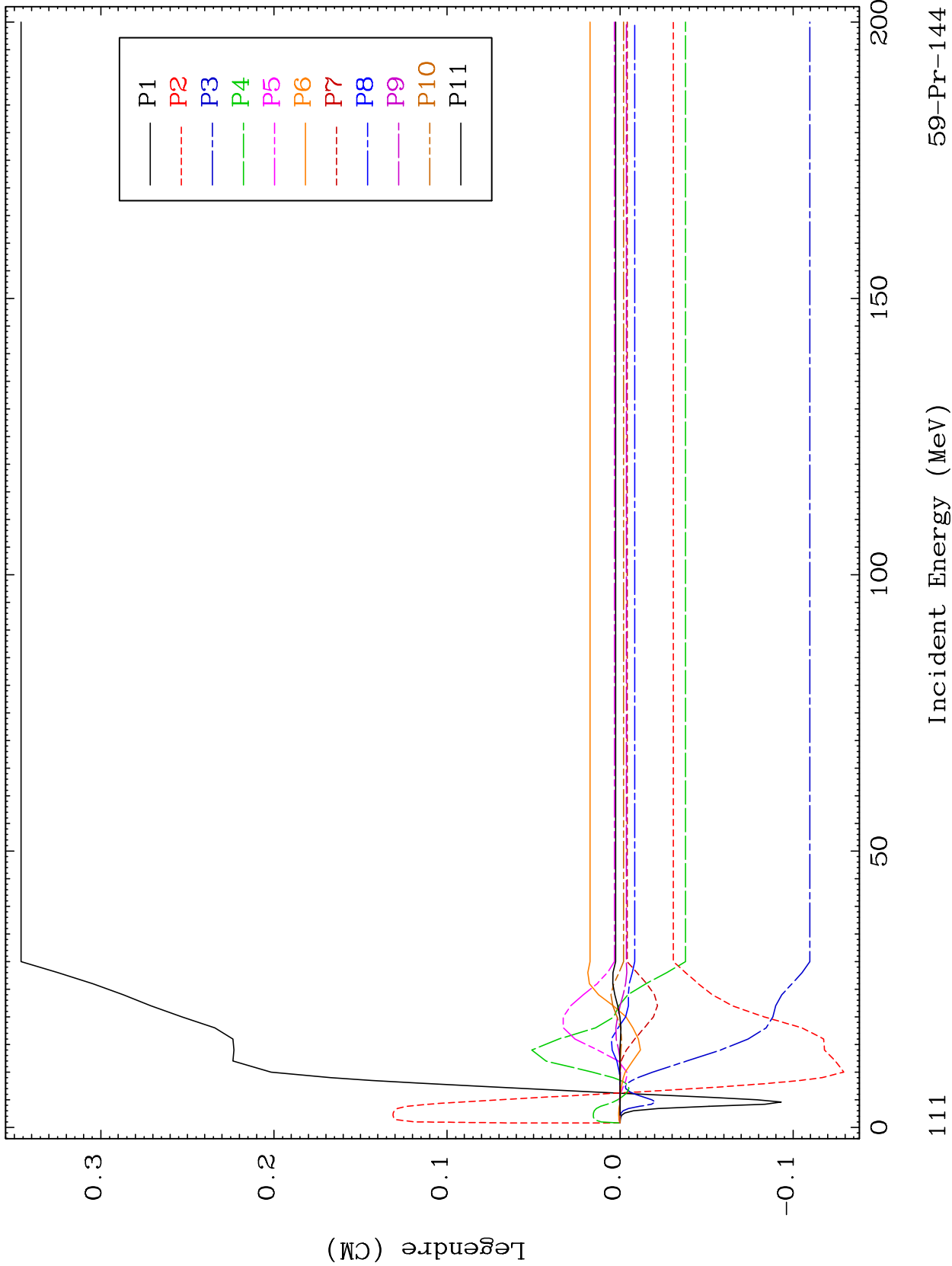
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

Incident Energy (MeV)

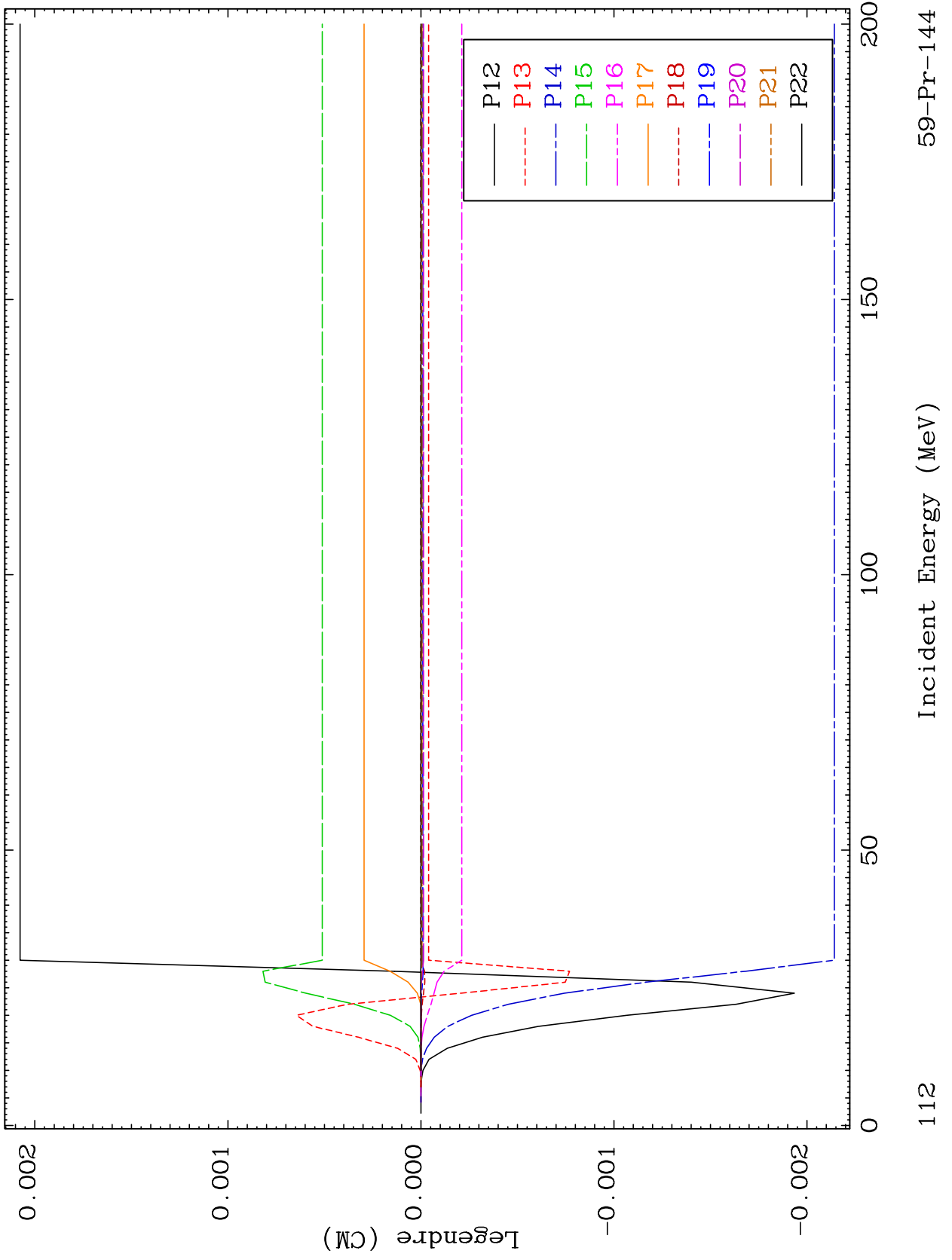
111



MAT 5934

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

59-Pr-144



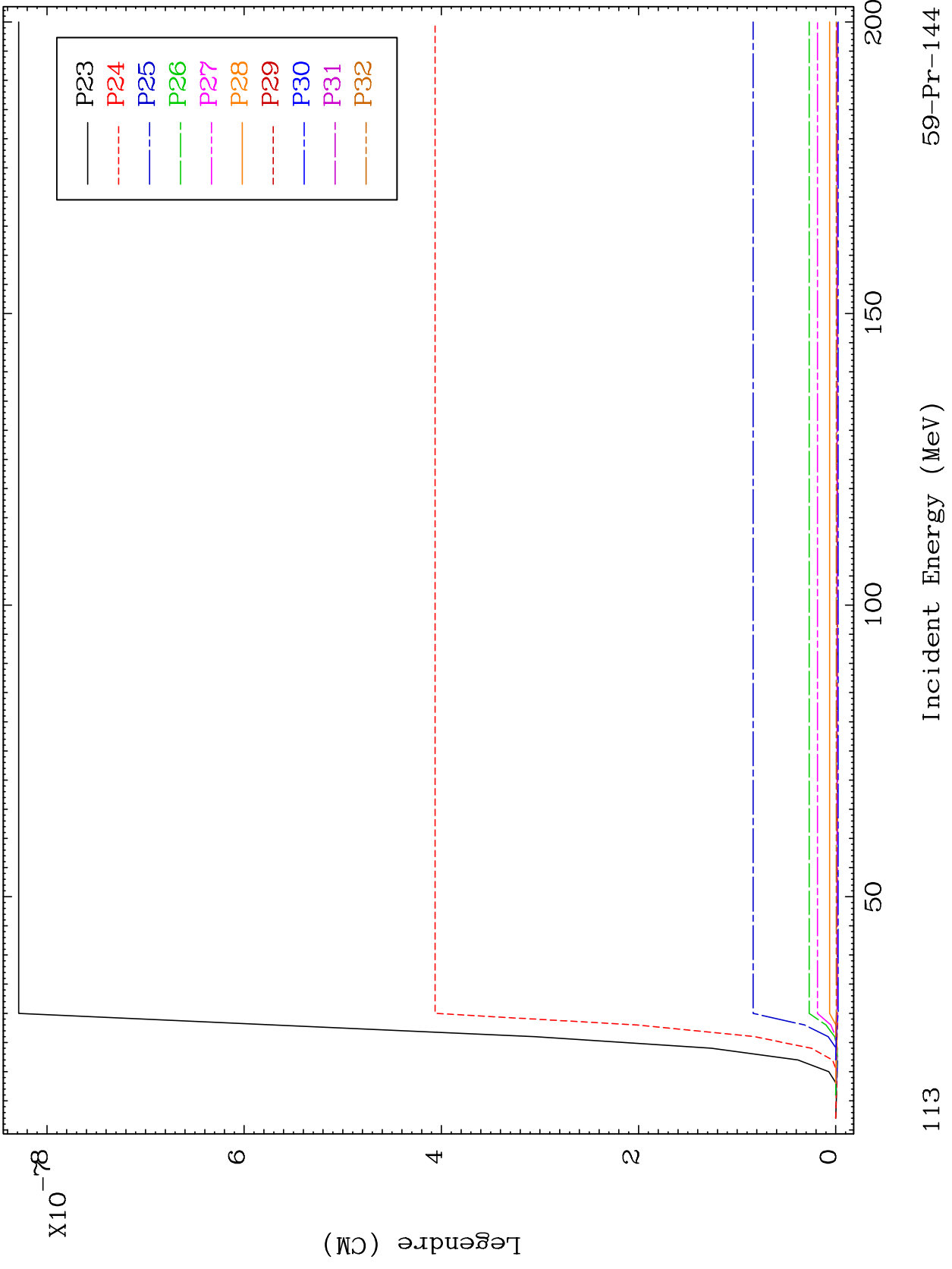
112

59-Pr-144

MAT 5934

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

59-Pr-144



113

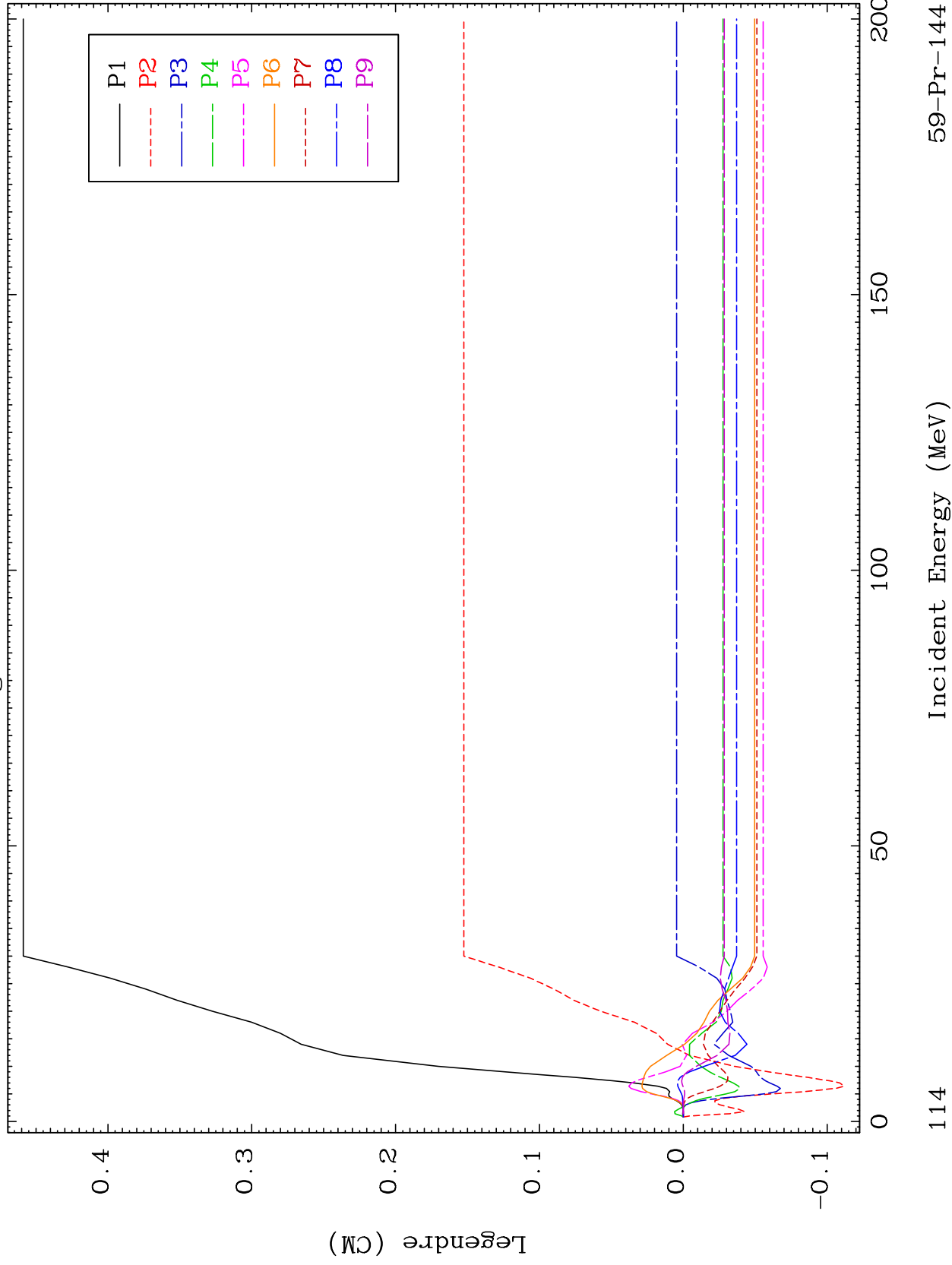
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

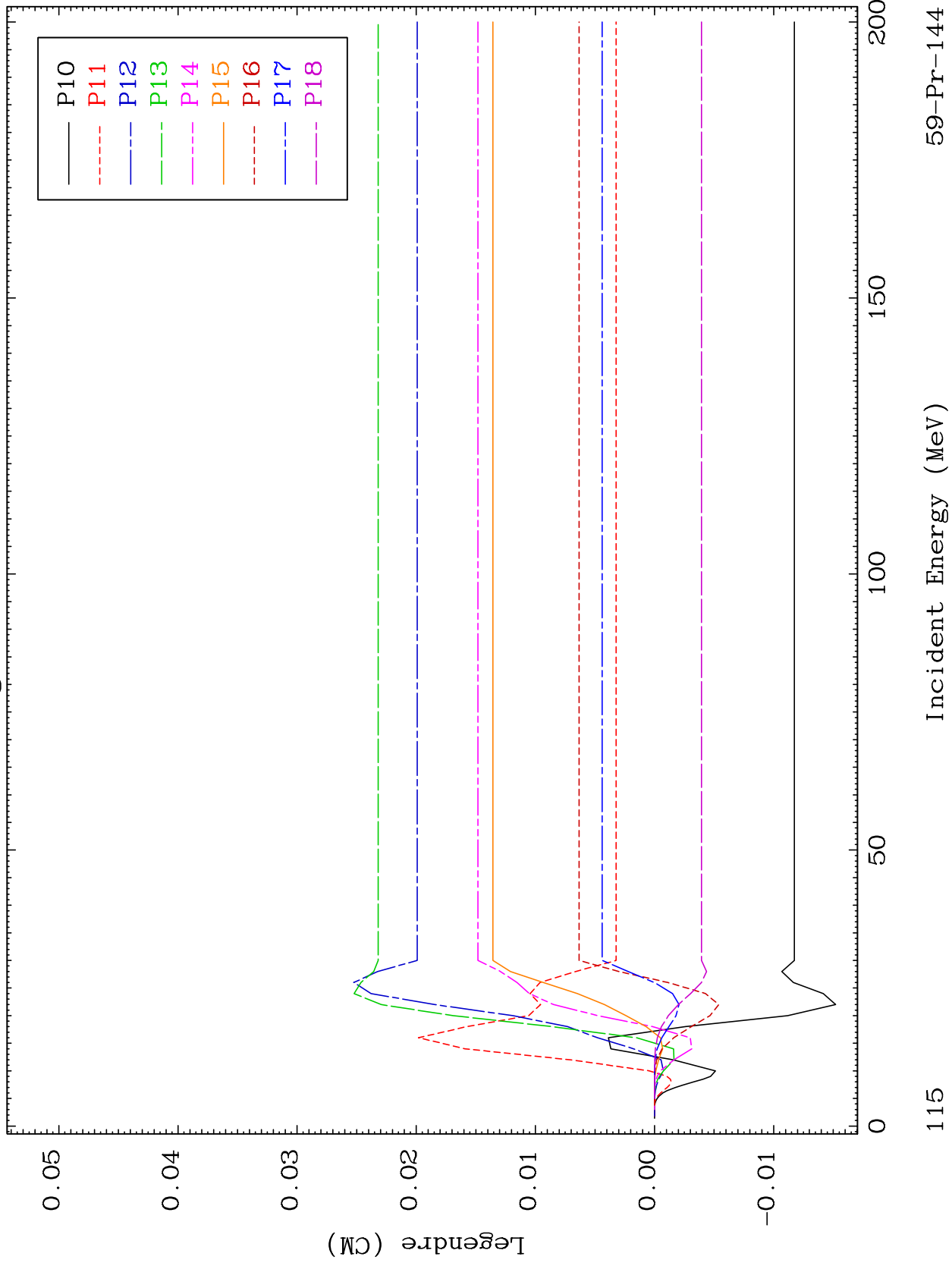
Incident Energy (MeV)

114

MAT 5934

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

59-Pr-144



59-Pr-144

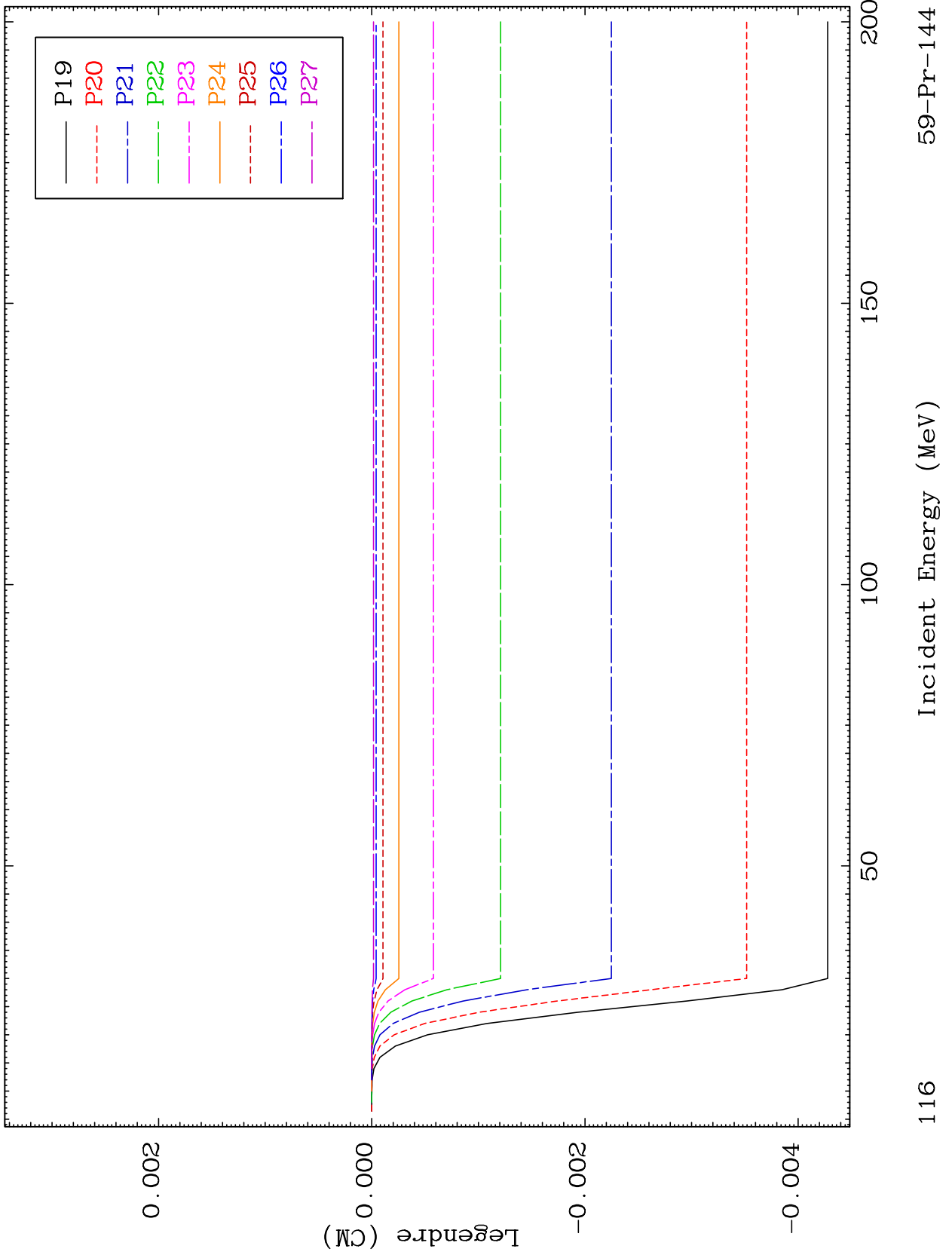
Incident Energy (MeV)

115

MAT 5934

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

59-Pr-144



116

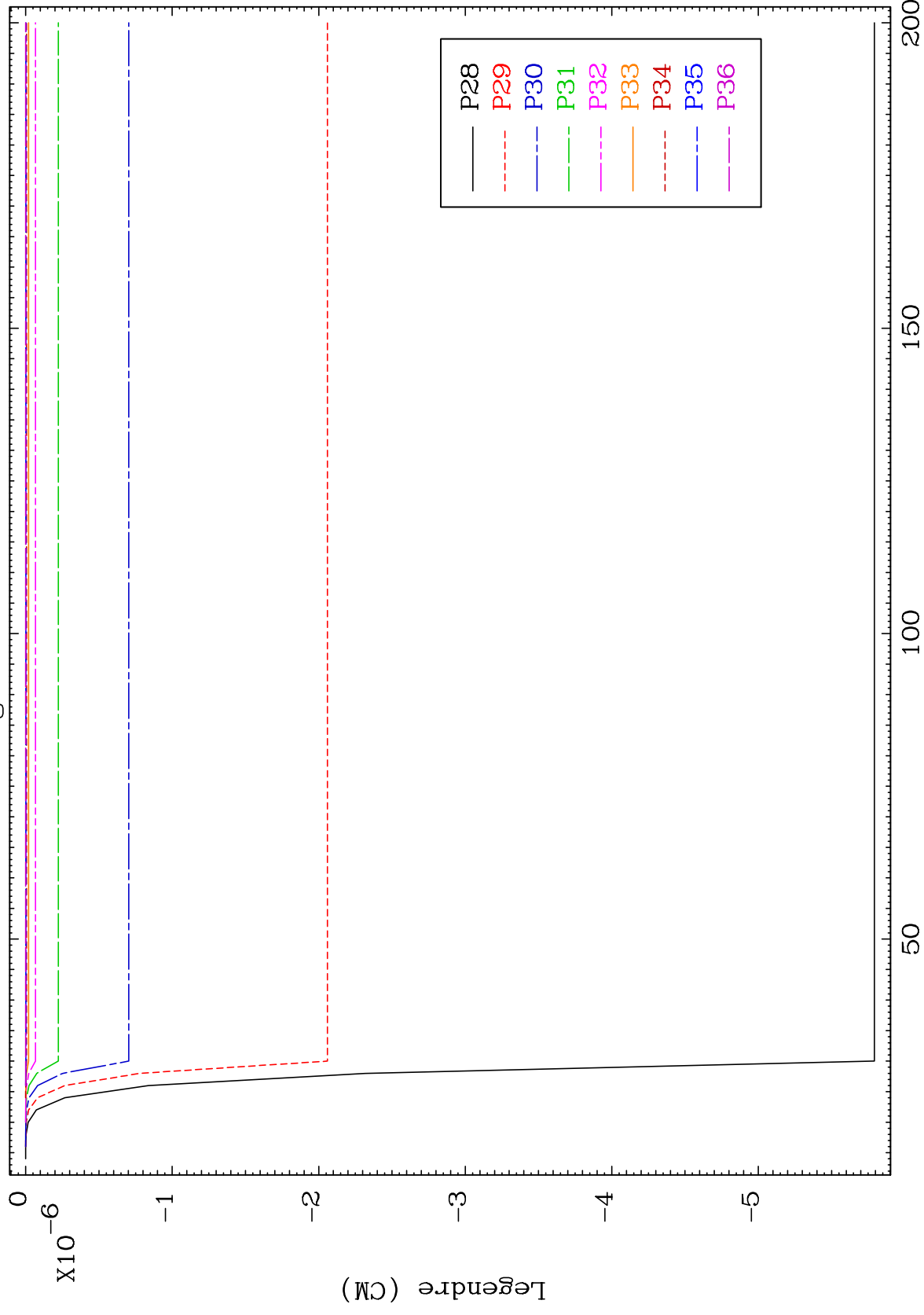
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



117

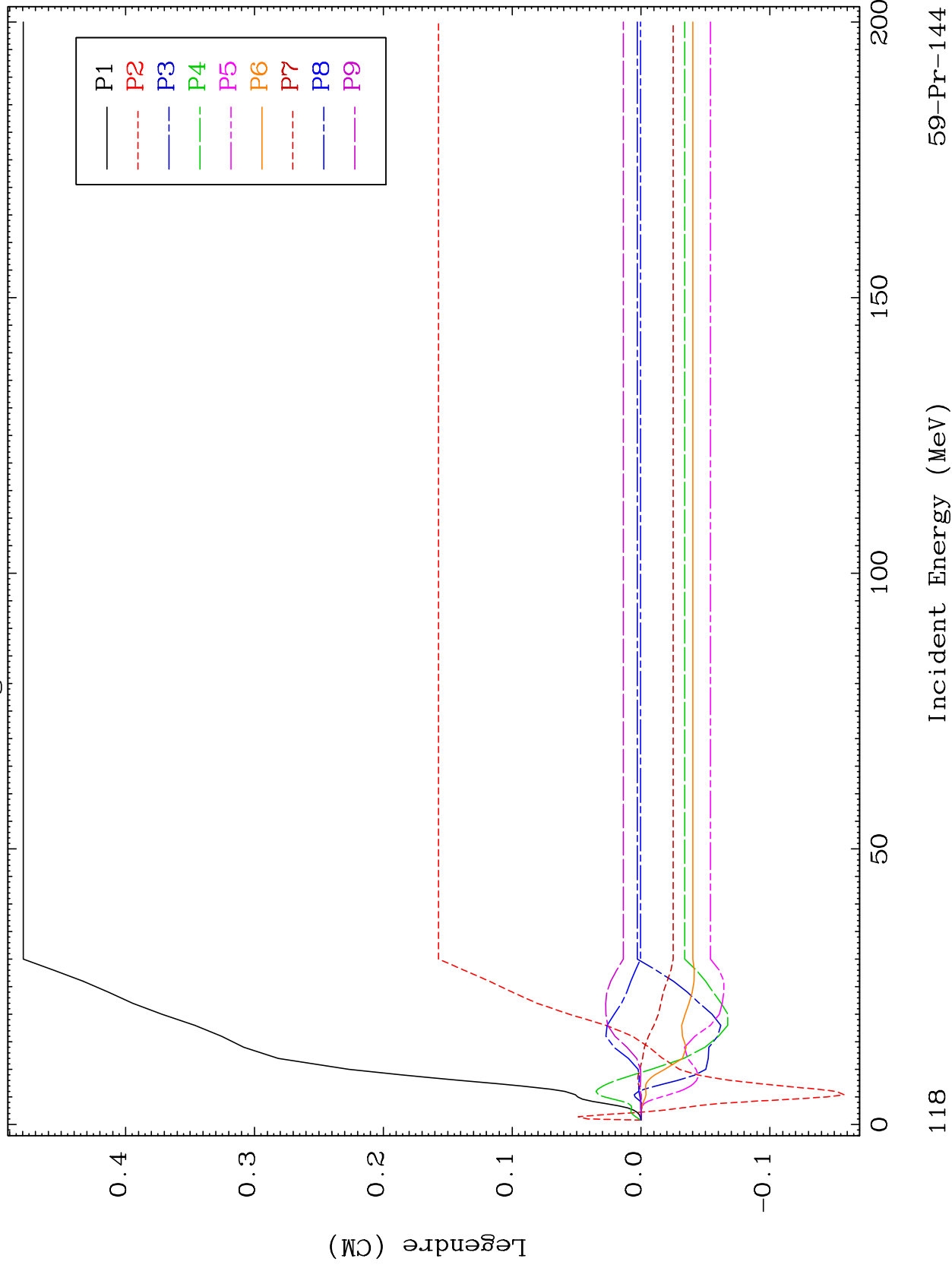
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



59-Pr-144

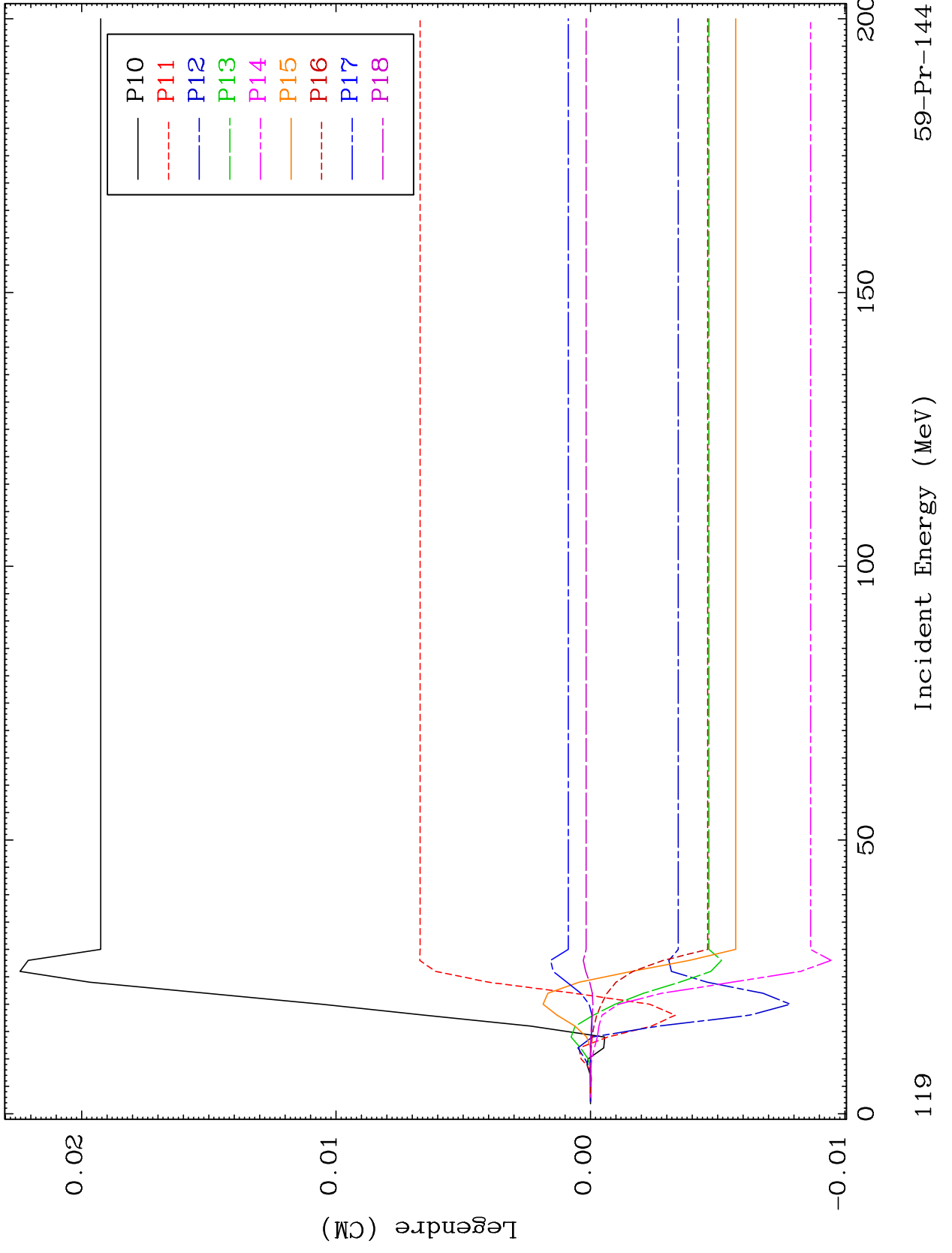
Incident Energy (MeV)

118

MAT 5934

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

59-Pr-144



119

Incident Energy (MeV)

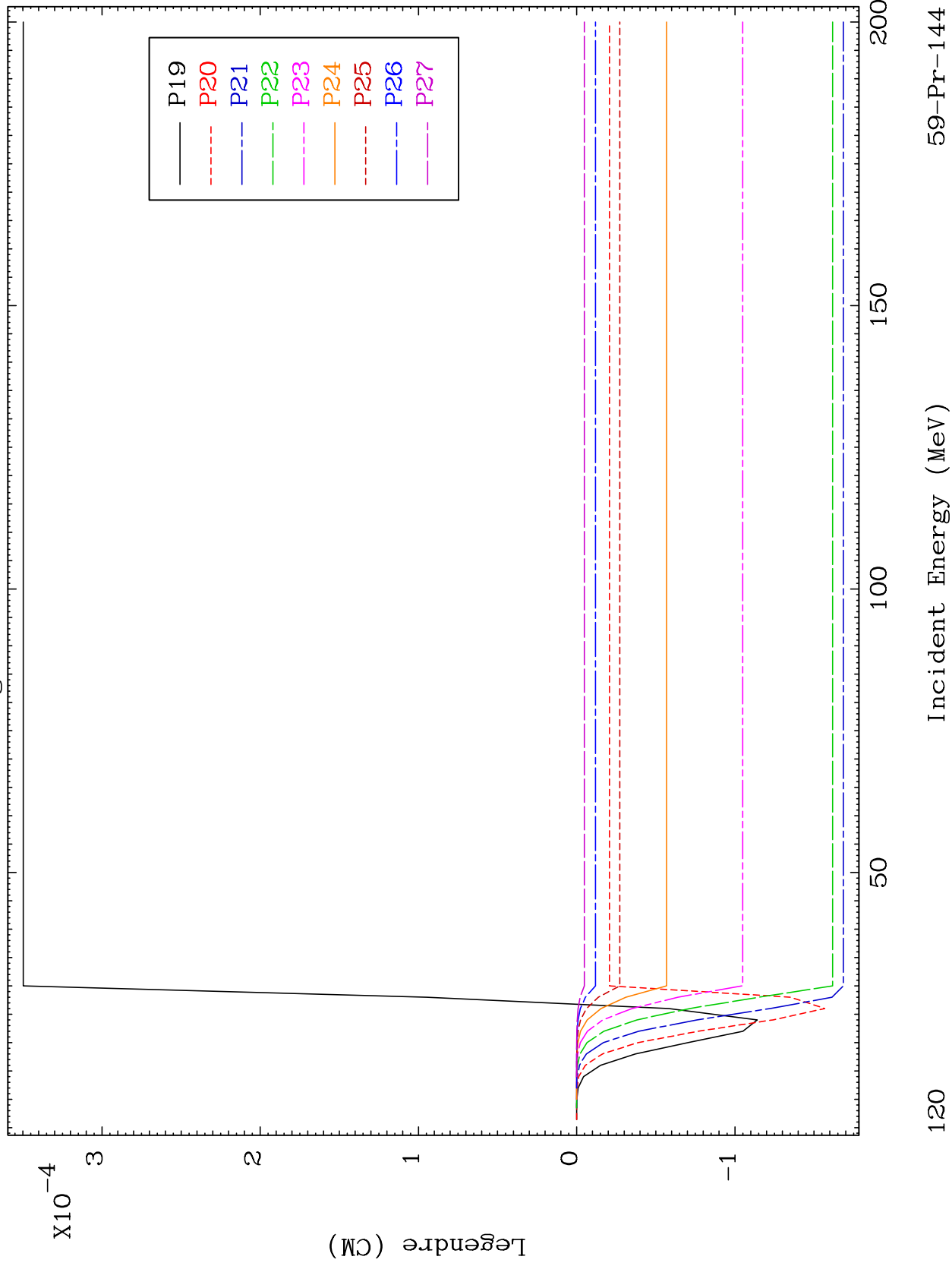
59-Pr-144



MAT 5934

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

59-Pr-144



120

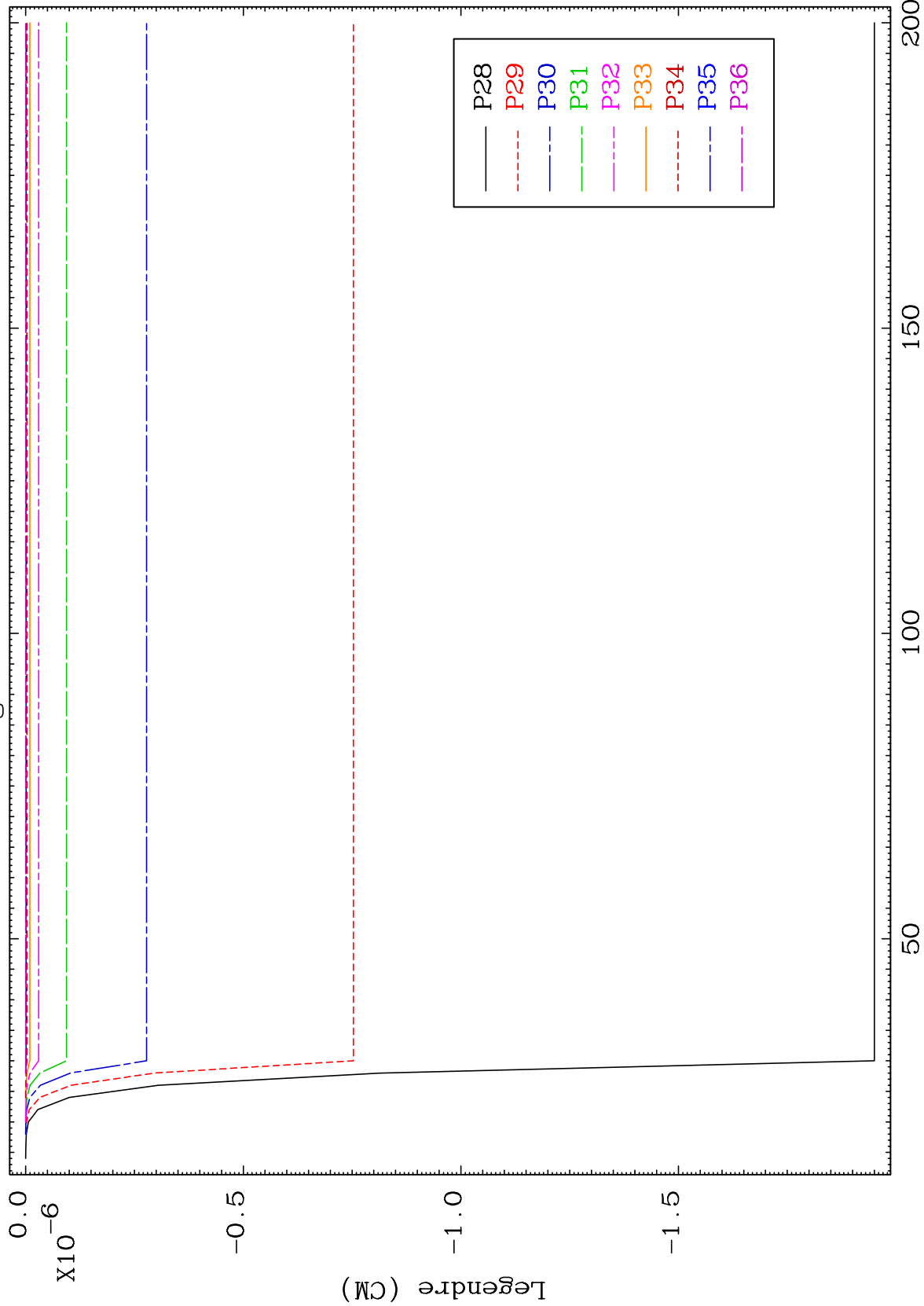
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



121

Incident Energy (MeV)

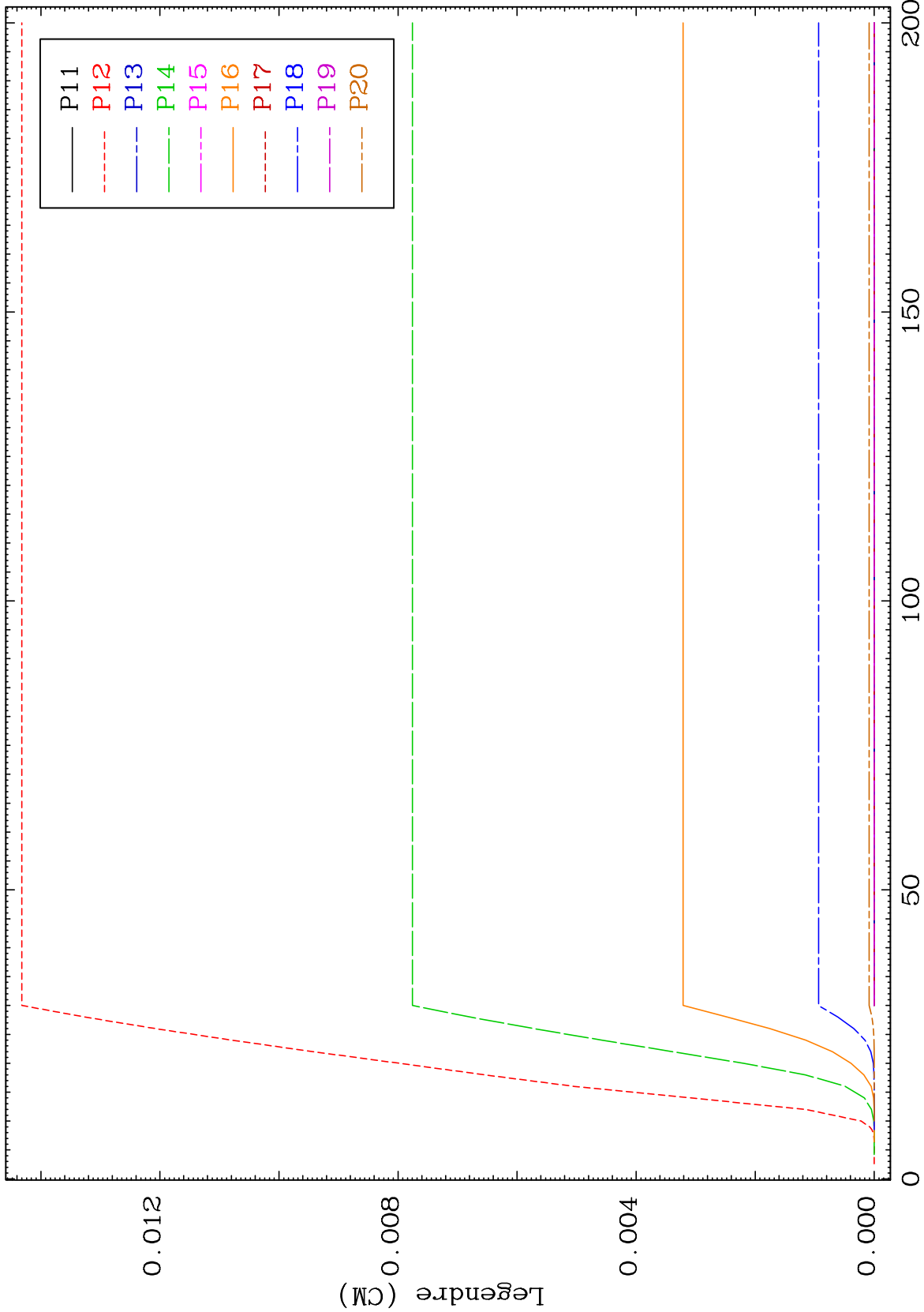
59-Pr-144



MAT 5934

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

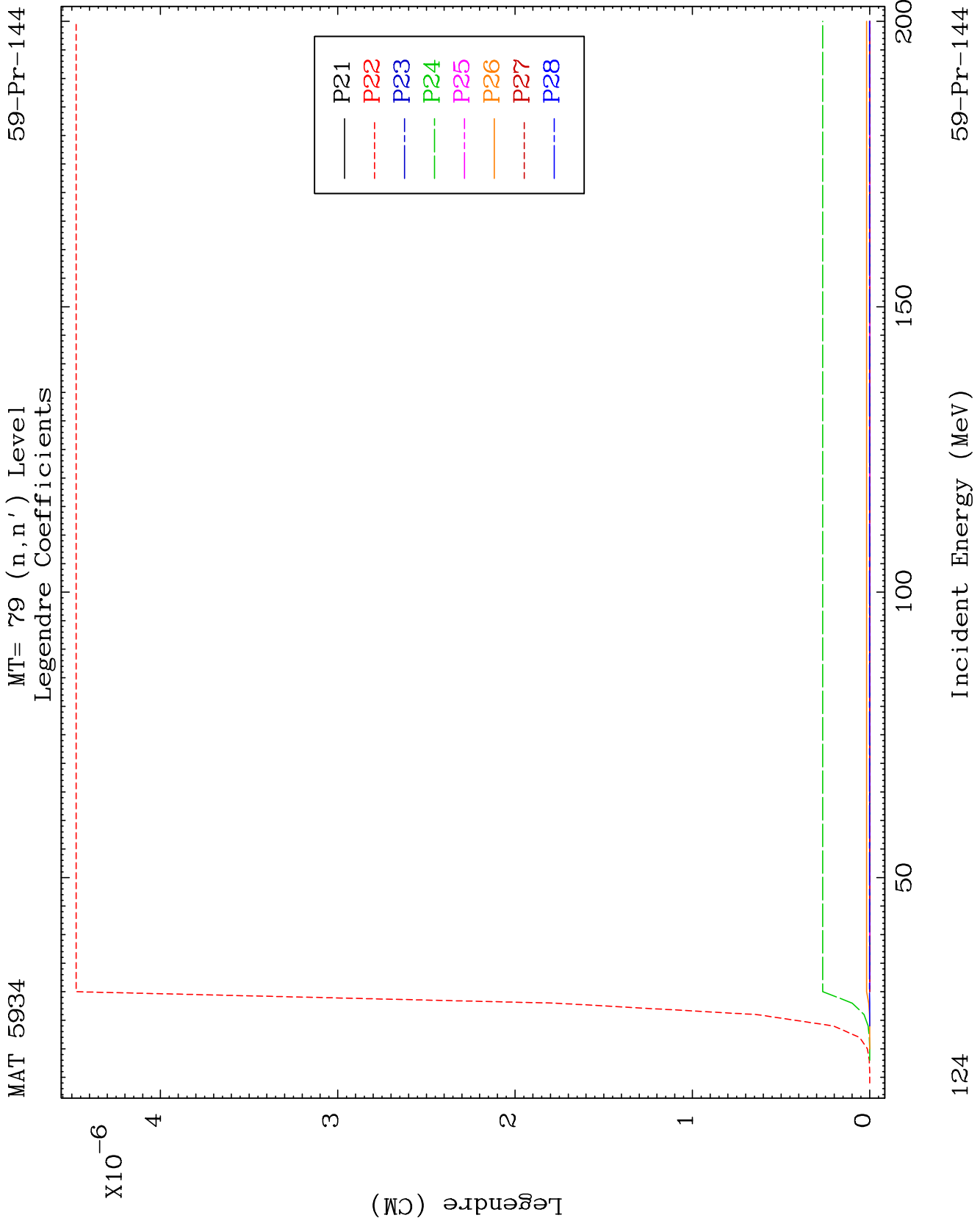
59-Pr-144



123

Incident Energy (MeV)

59-Pr-144



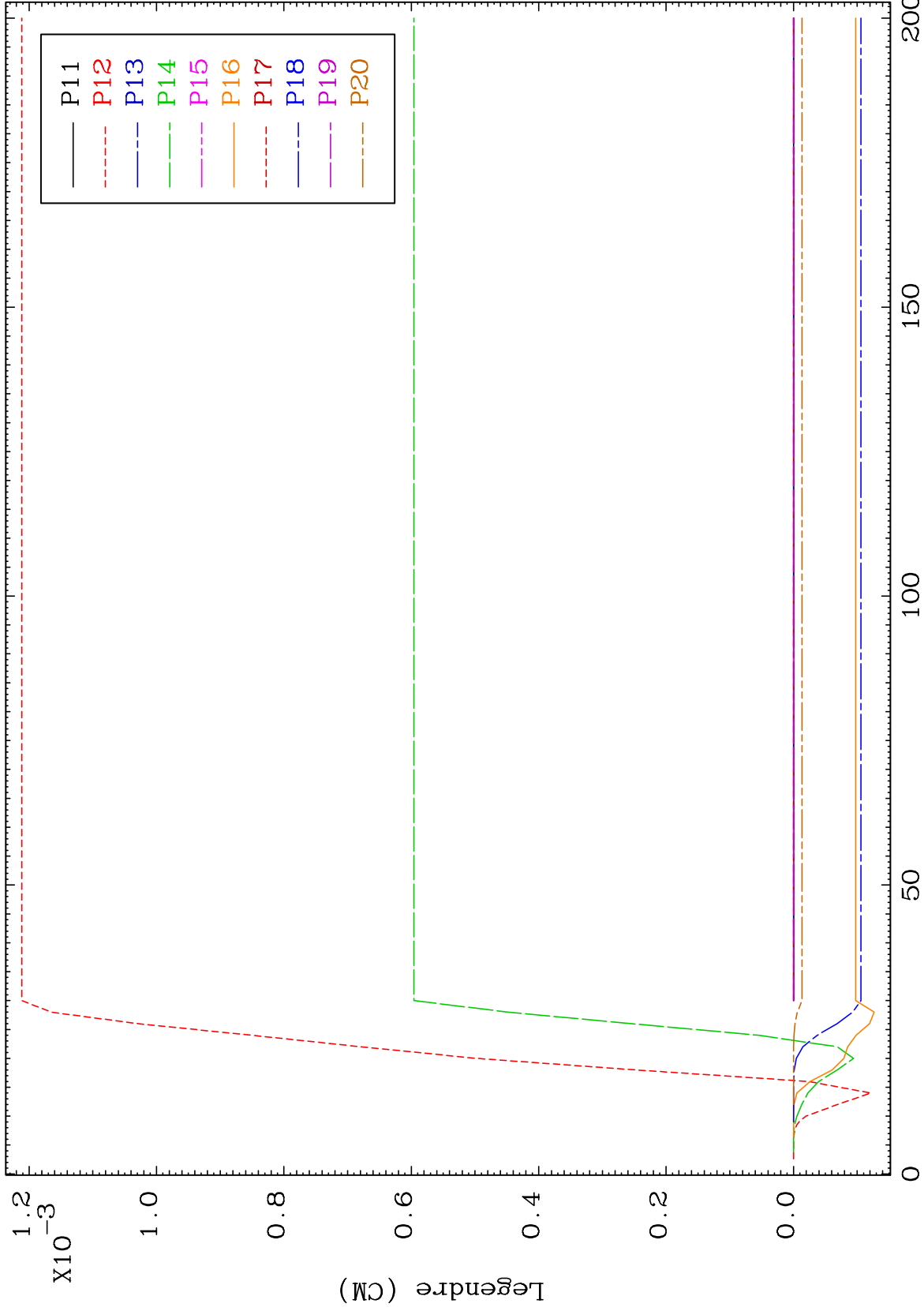


MAT 5934

MT= 80 (n,n') Level

59-Pr-144

Legendre Coefficients



126

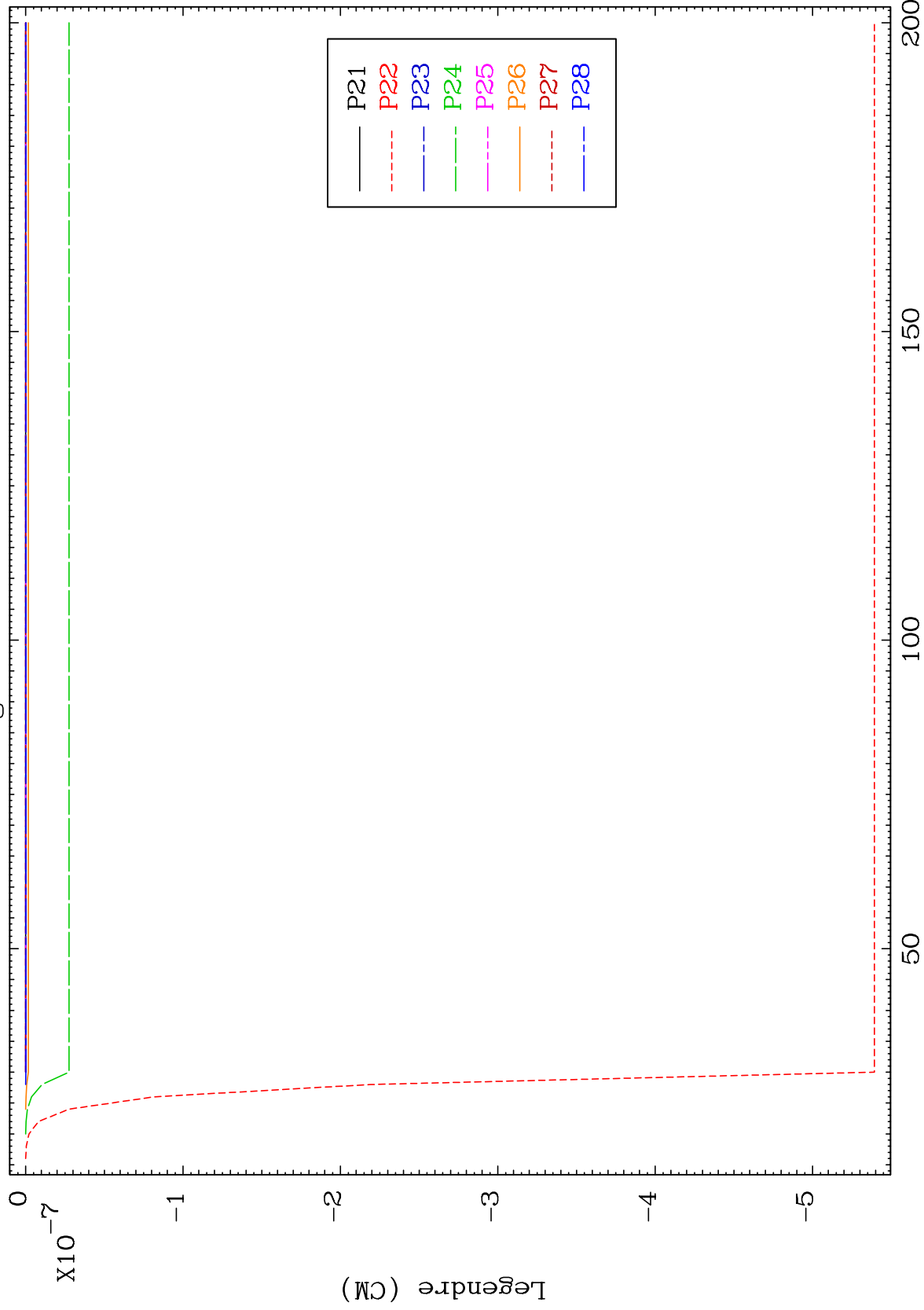
Incident Energy (MeV)

59-Pr-144

MAT 5934

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

59-Pr-144



127

Incident Energy (MeV)

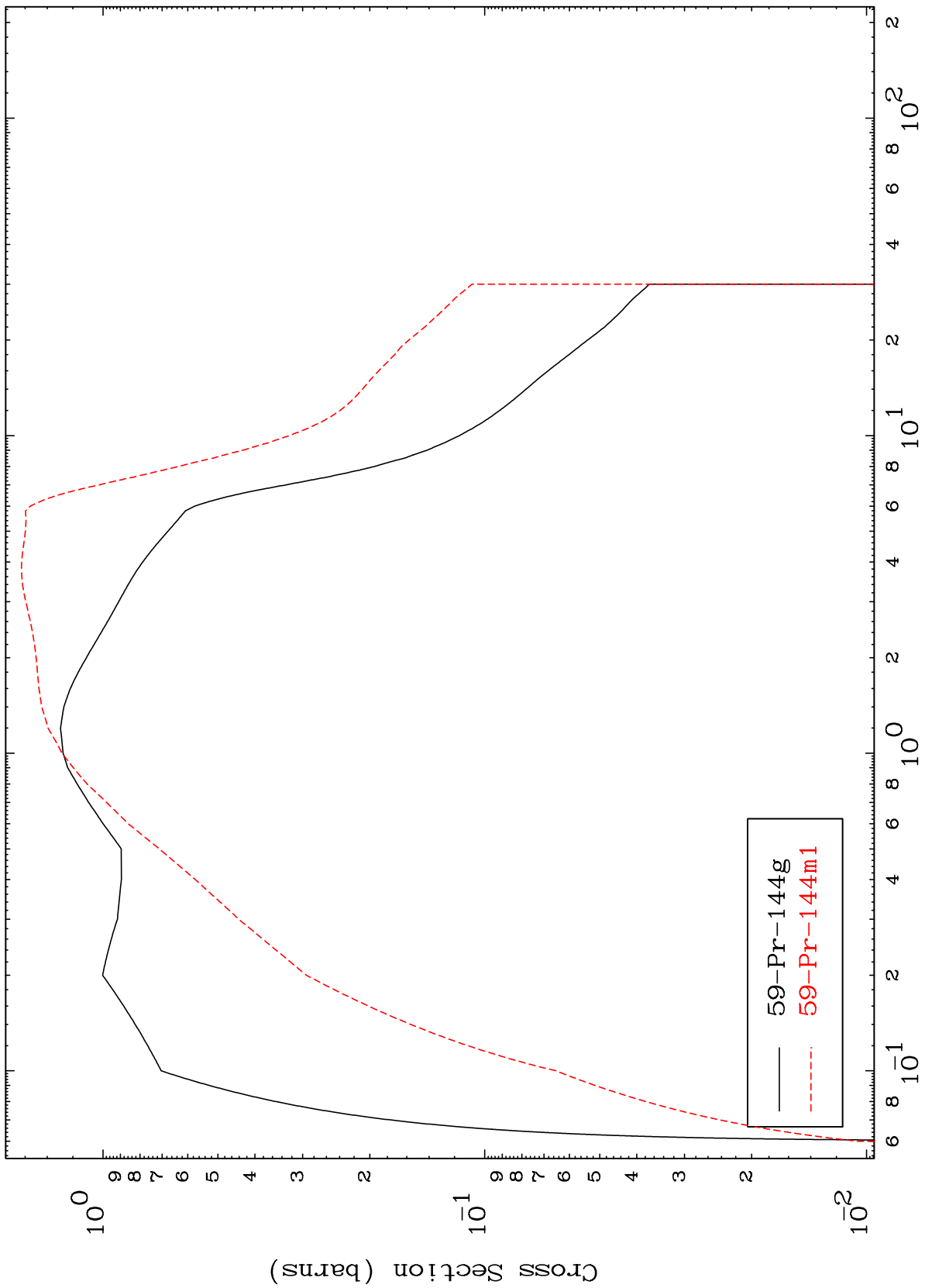
59-Pr-144



MAT 5934

59-Pr-144

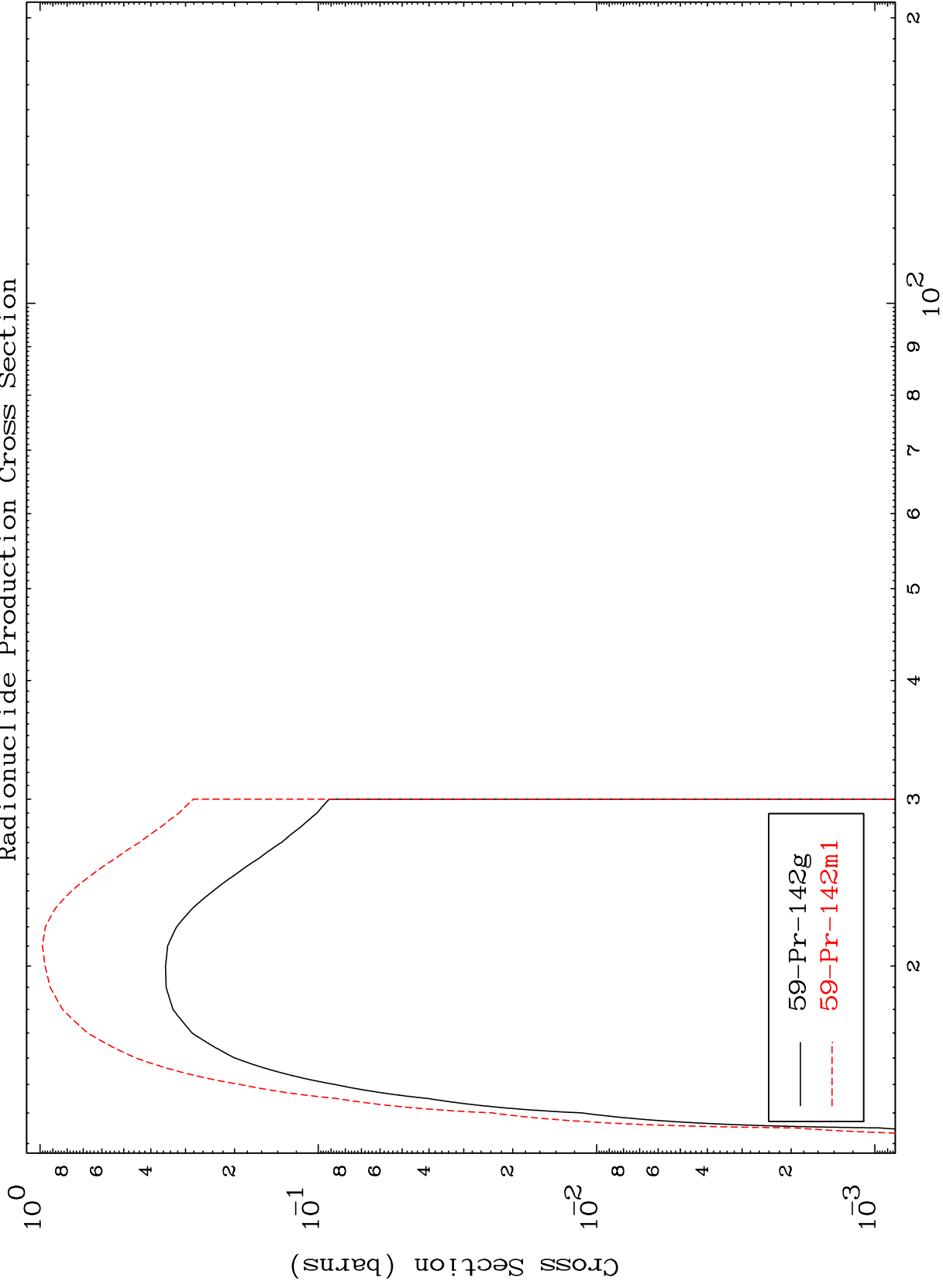
Inelastic  
Radionuclide Production Cross Section



MAT 5934

59-Pr-144

(n,3n)  
Radionuclide Production Cross Section



59-Pr-144

Incident Energy (MeV)

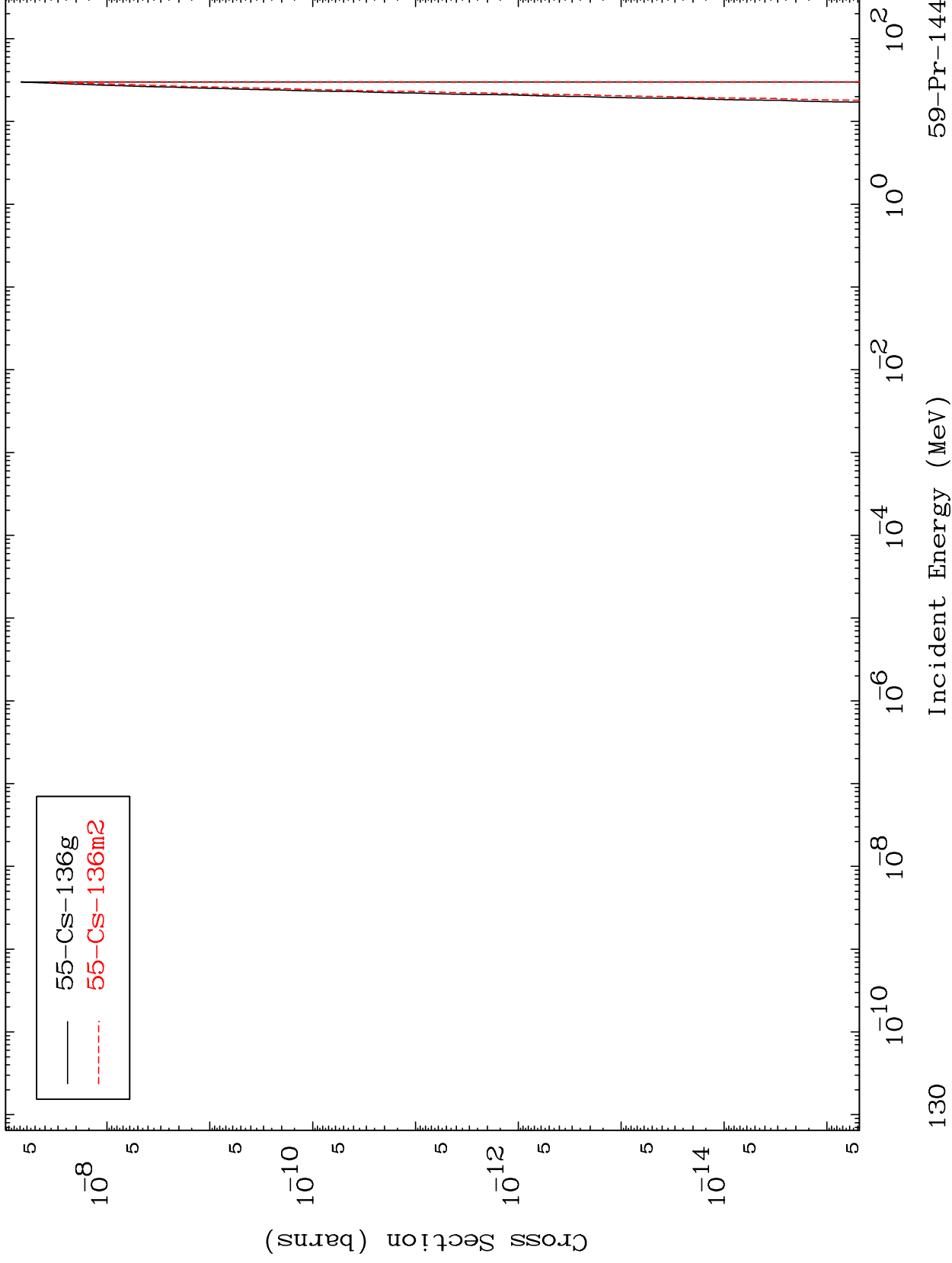
129

MAT 5934

(n,n') 2α

59-Pr-144

Radionuclide Production Cross Section



130

Incident Energy (MeV)

59-Pr-144