

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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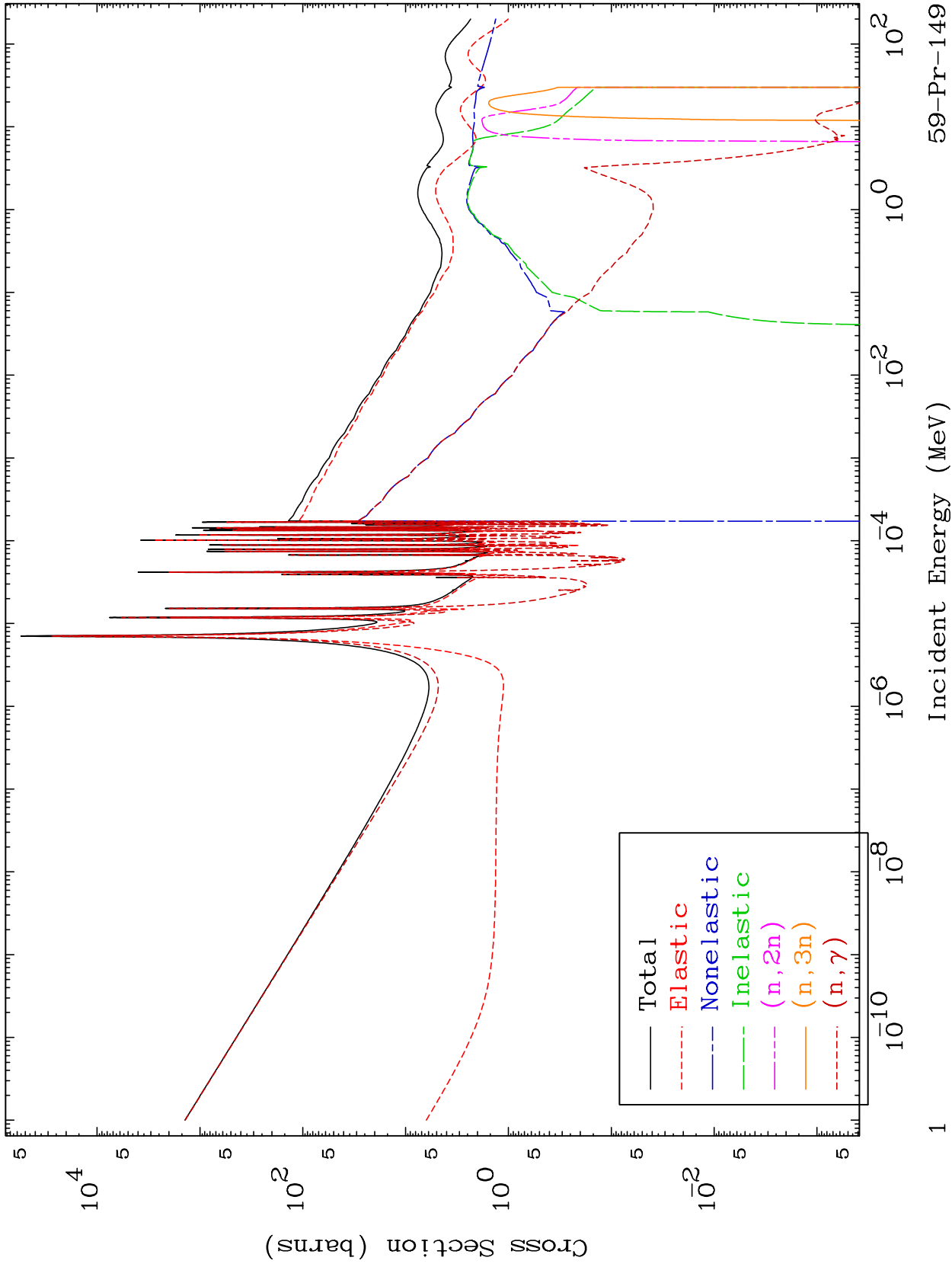
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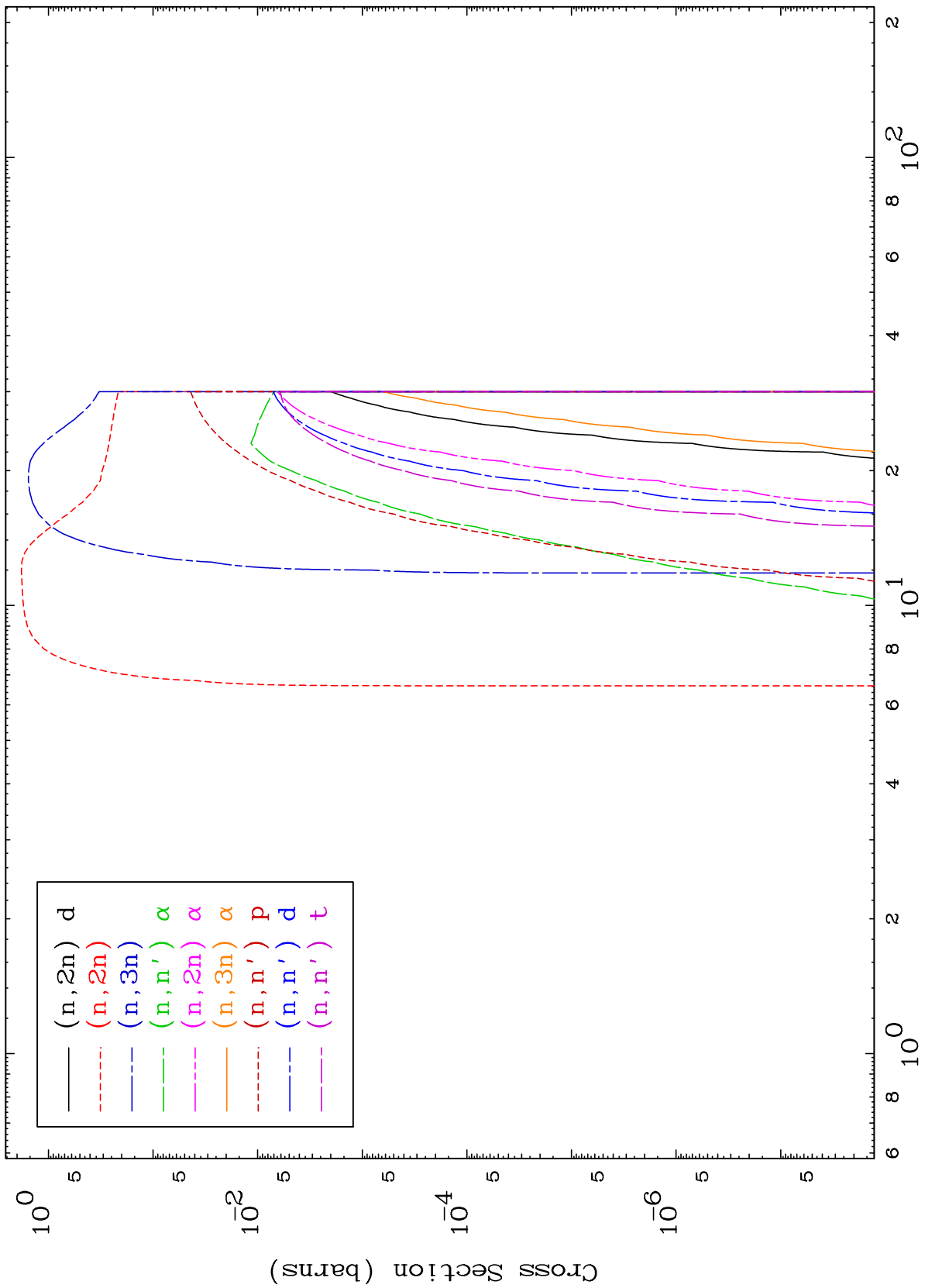
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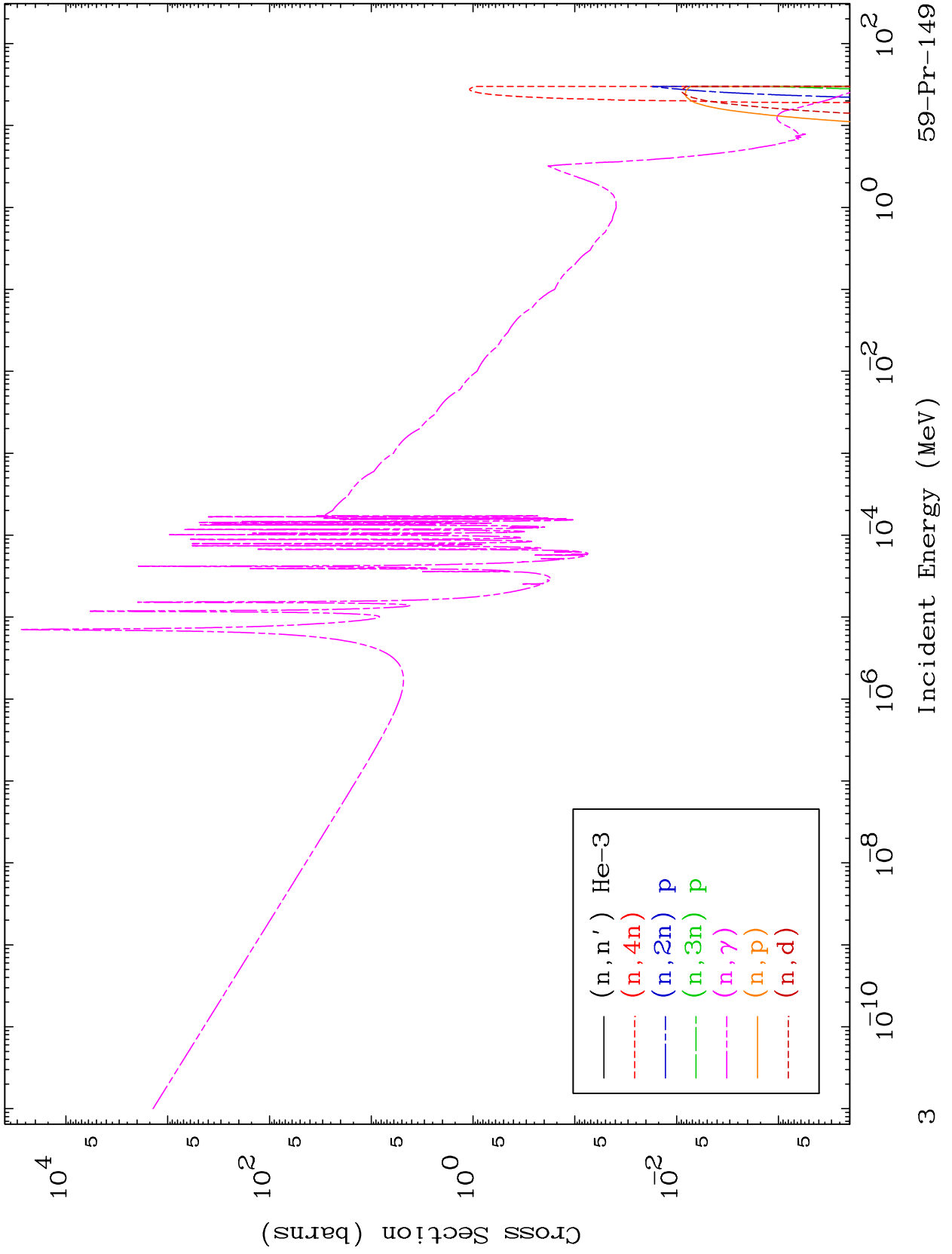
MAT 5949

Neutron Major  
293 Kelvin Cross Sections

59-Pr-149



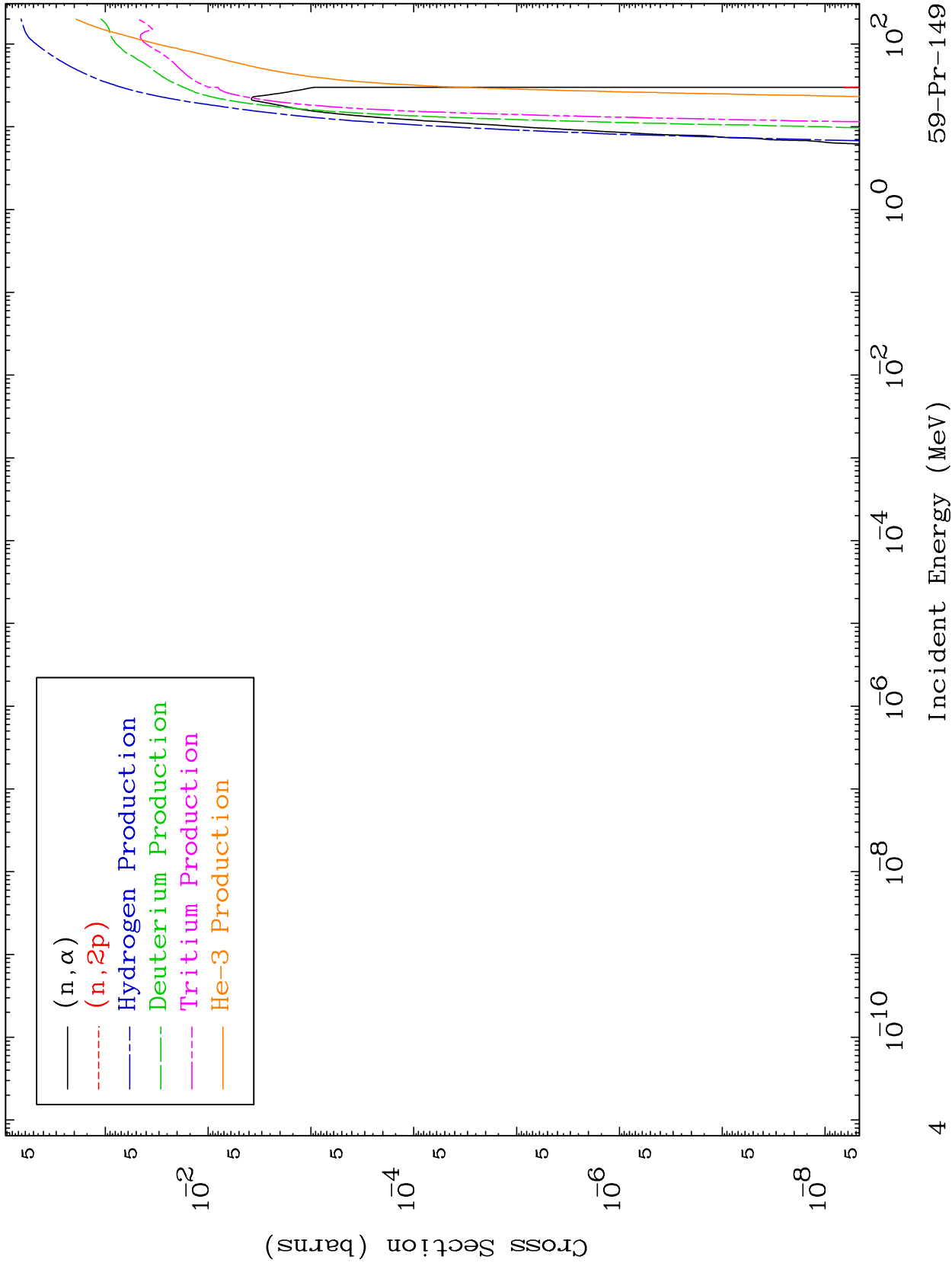




MAT 5949

Neutron Absorption  
293 Kelvin Cross Sections

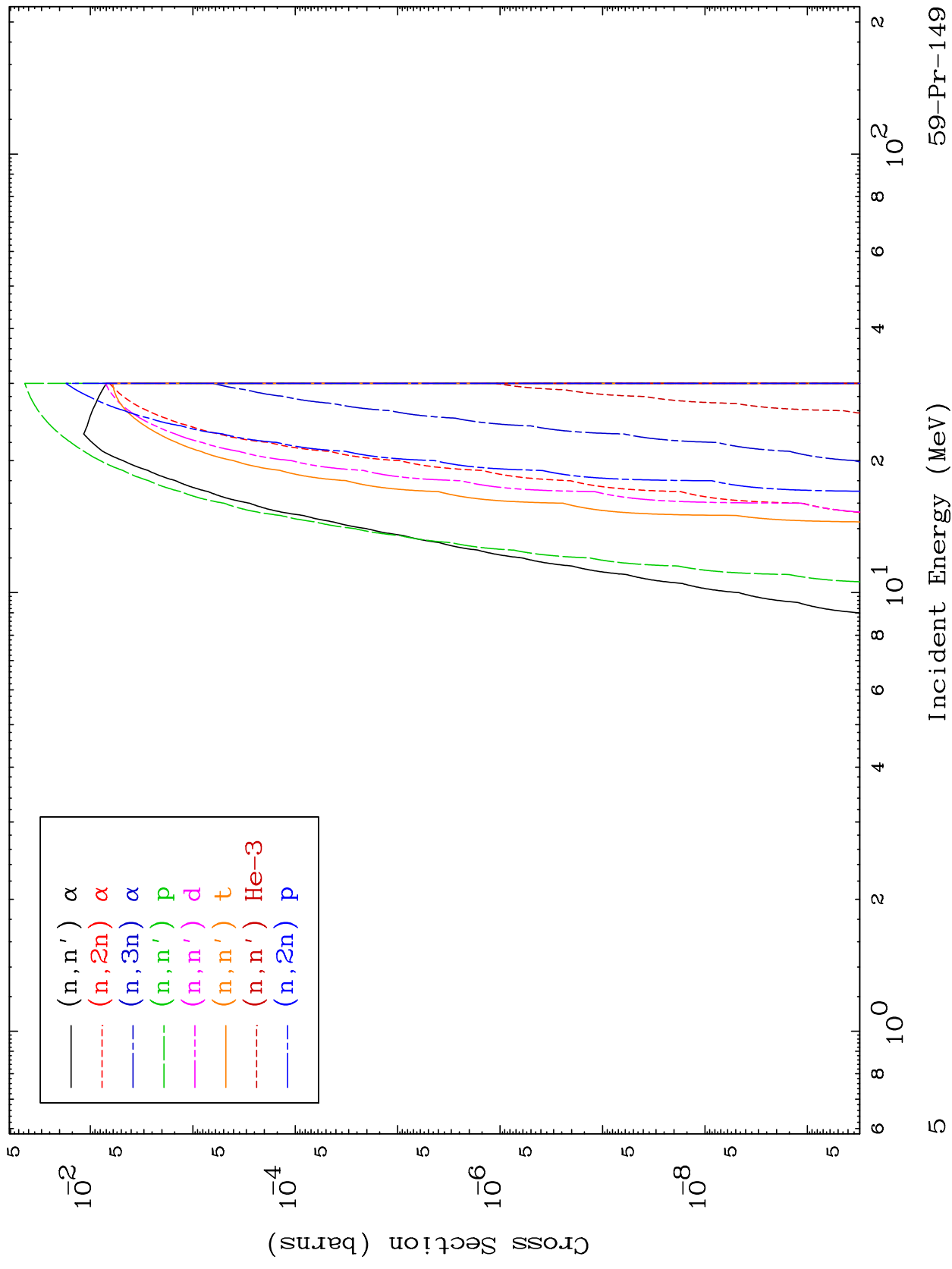
59-Pr-149



MAT 5949

Charged Particle  
293 Kelvin Cross Sections

59-Pr-149



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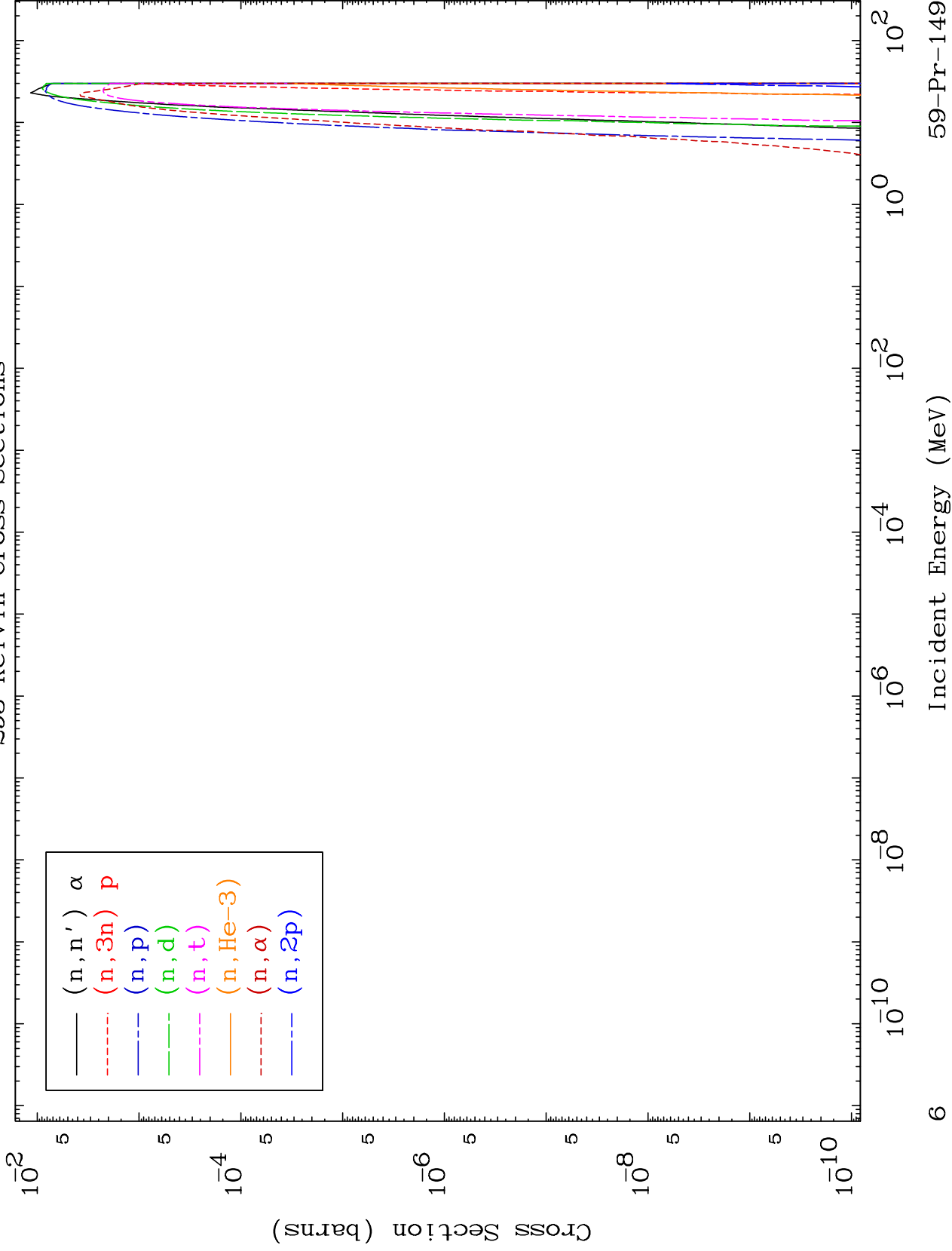
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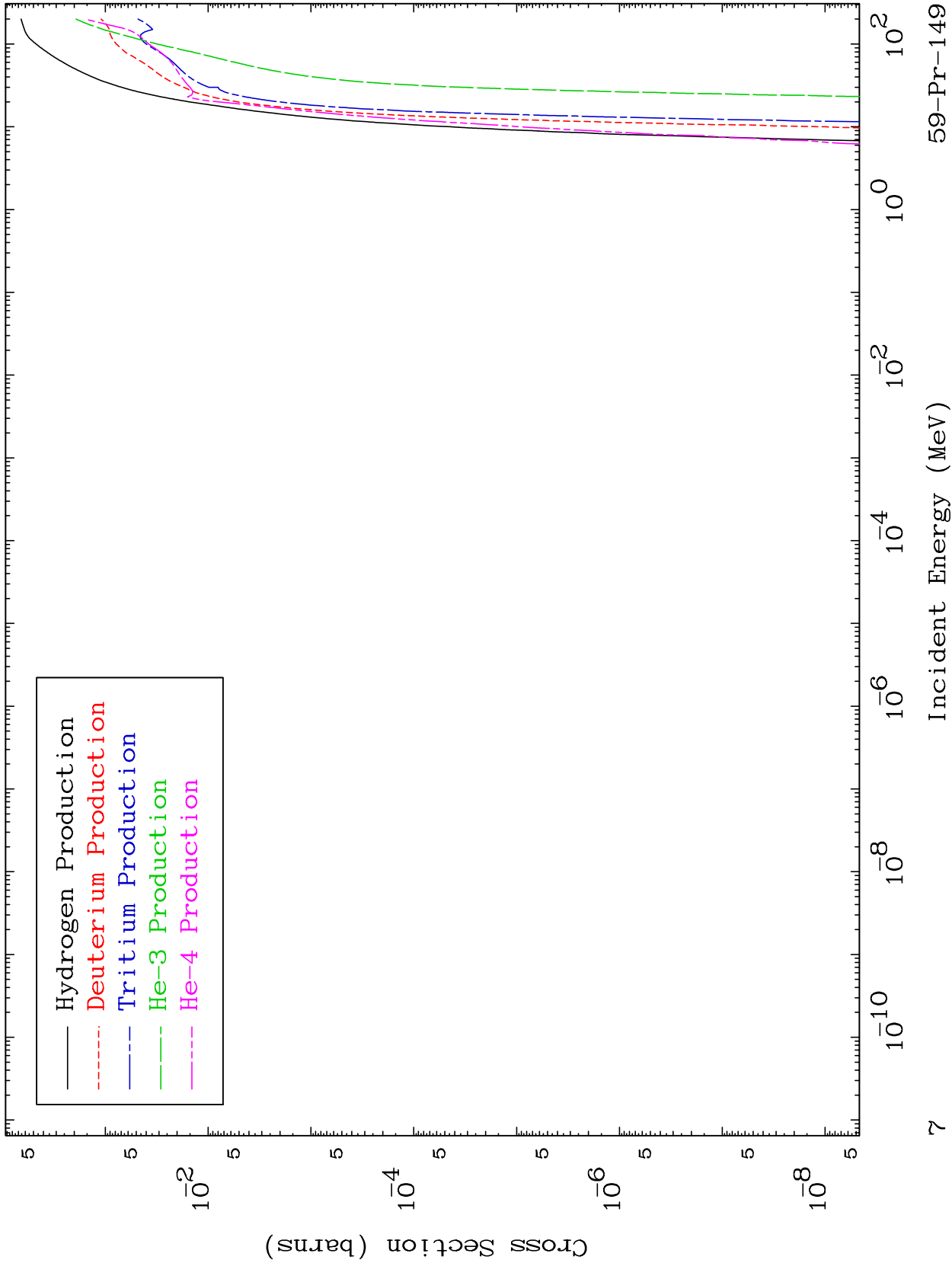
59-Pr-149

MAT 5949

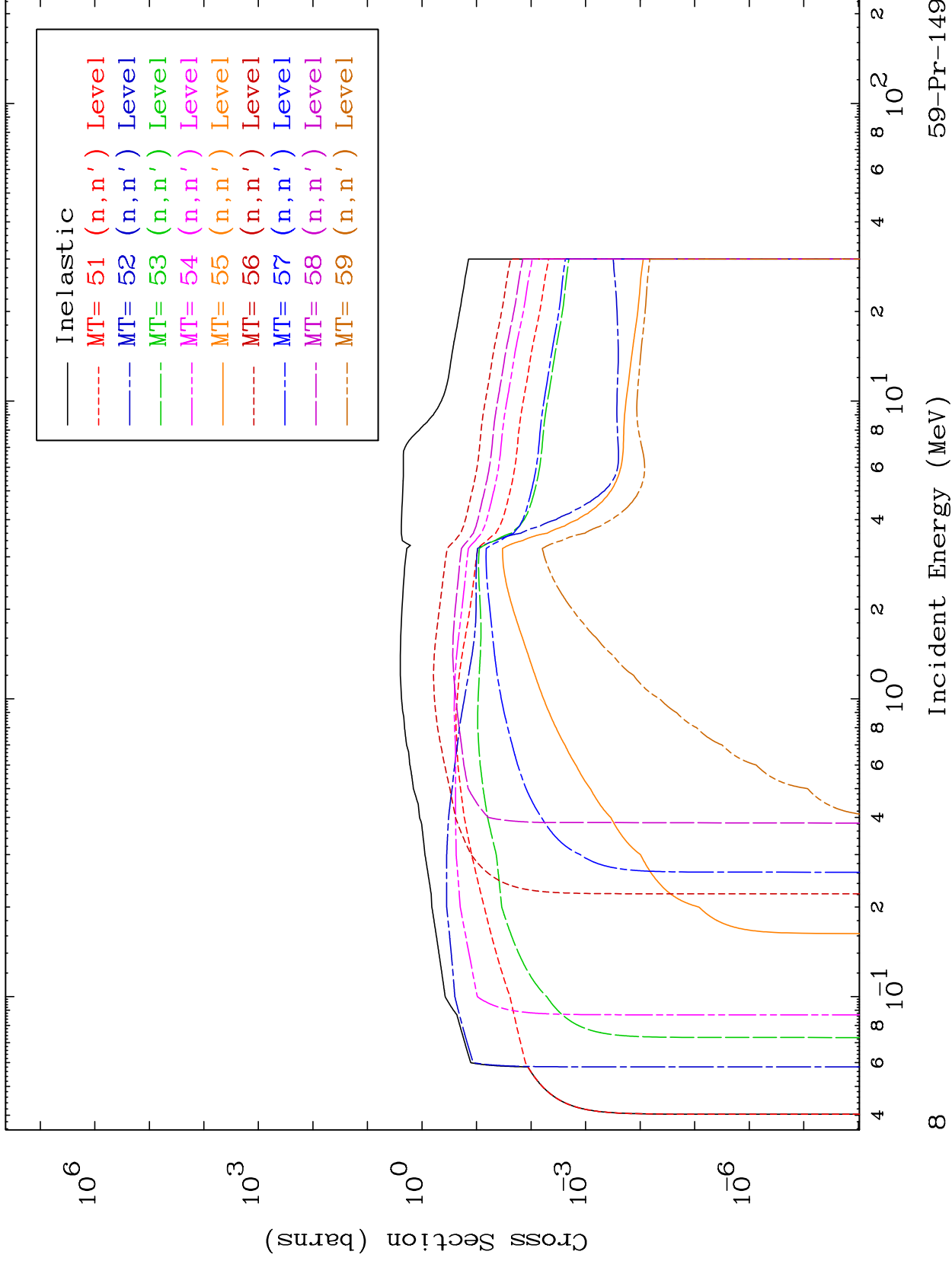
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293 Kelvin Cross Sections

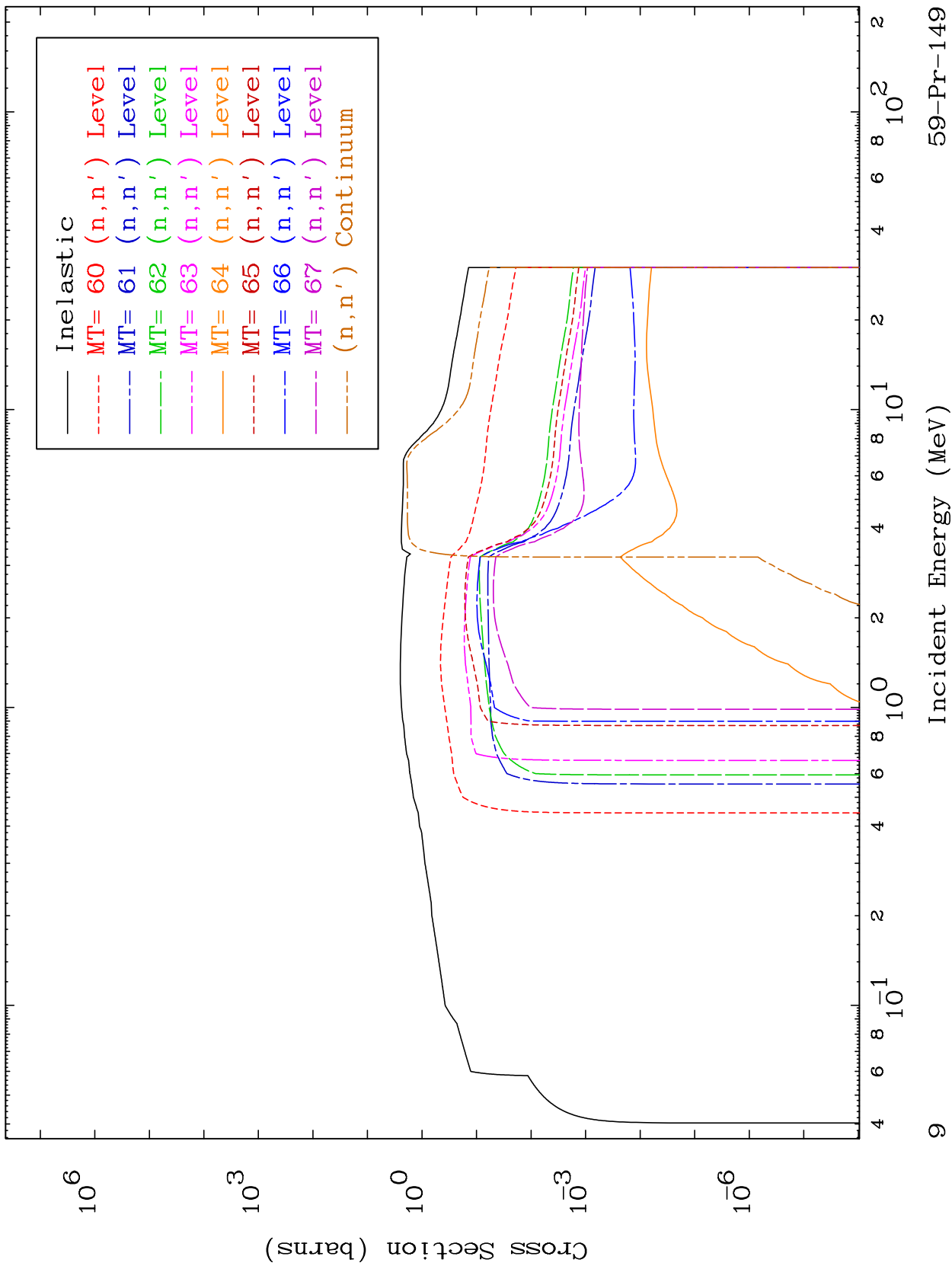
59-Pr-149





293 Kelvin Cross Sections

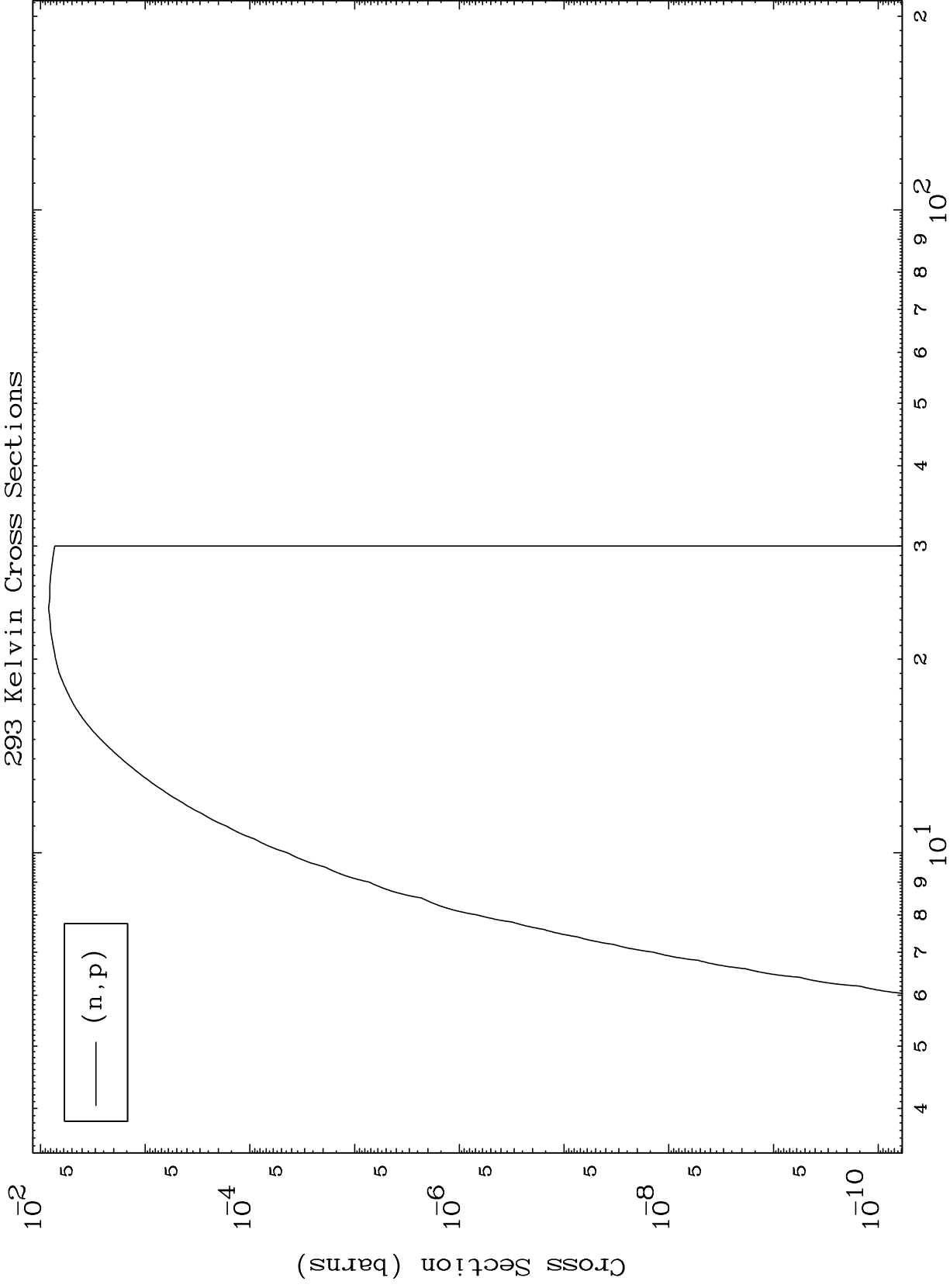




MAT 5949

(n,p) Levels  
293 Kelvin Cross Sections

59-Pr-149



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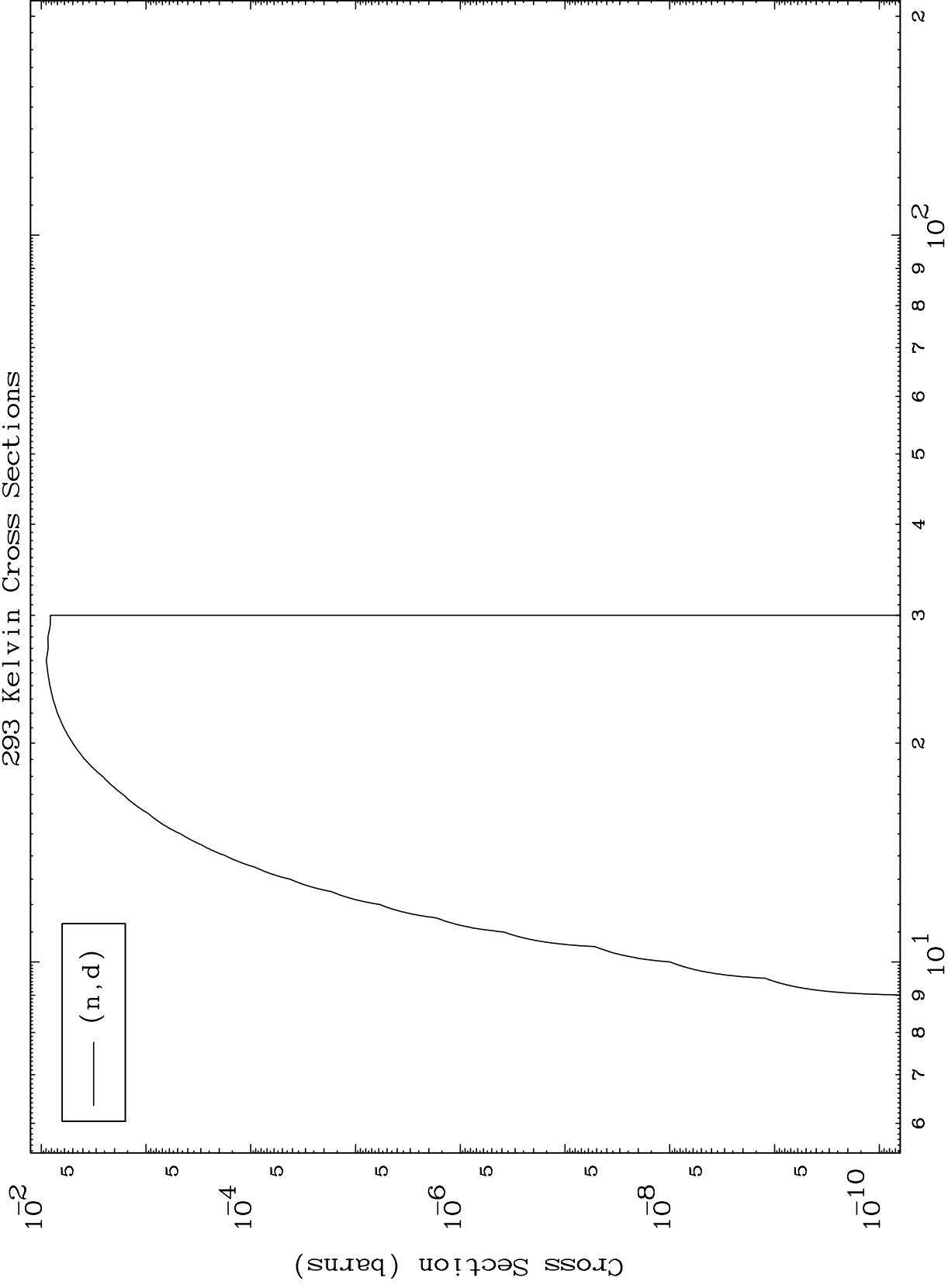
Incident Energy (MeV)

59-Pr-149

MAT 5949

(n,d) Levels  
293 Kelvin Cross Sections

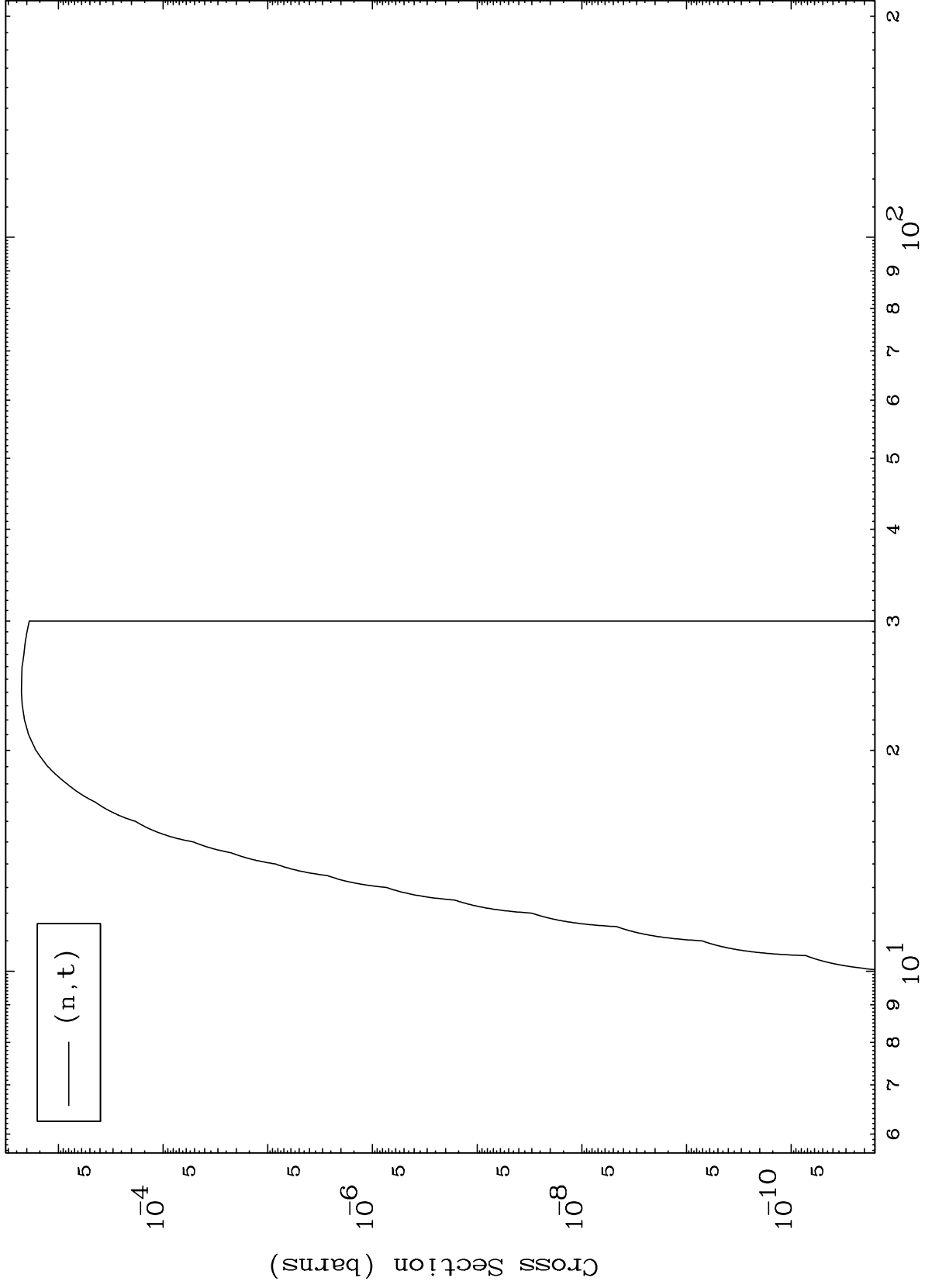
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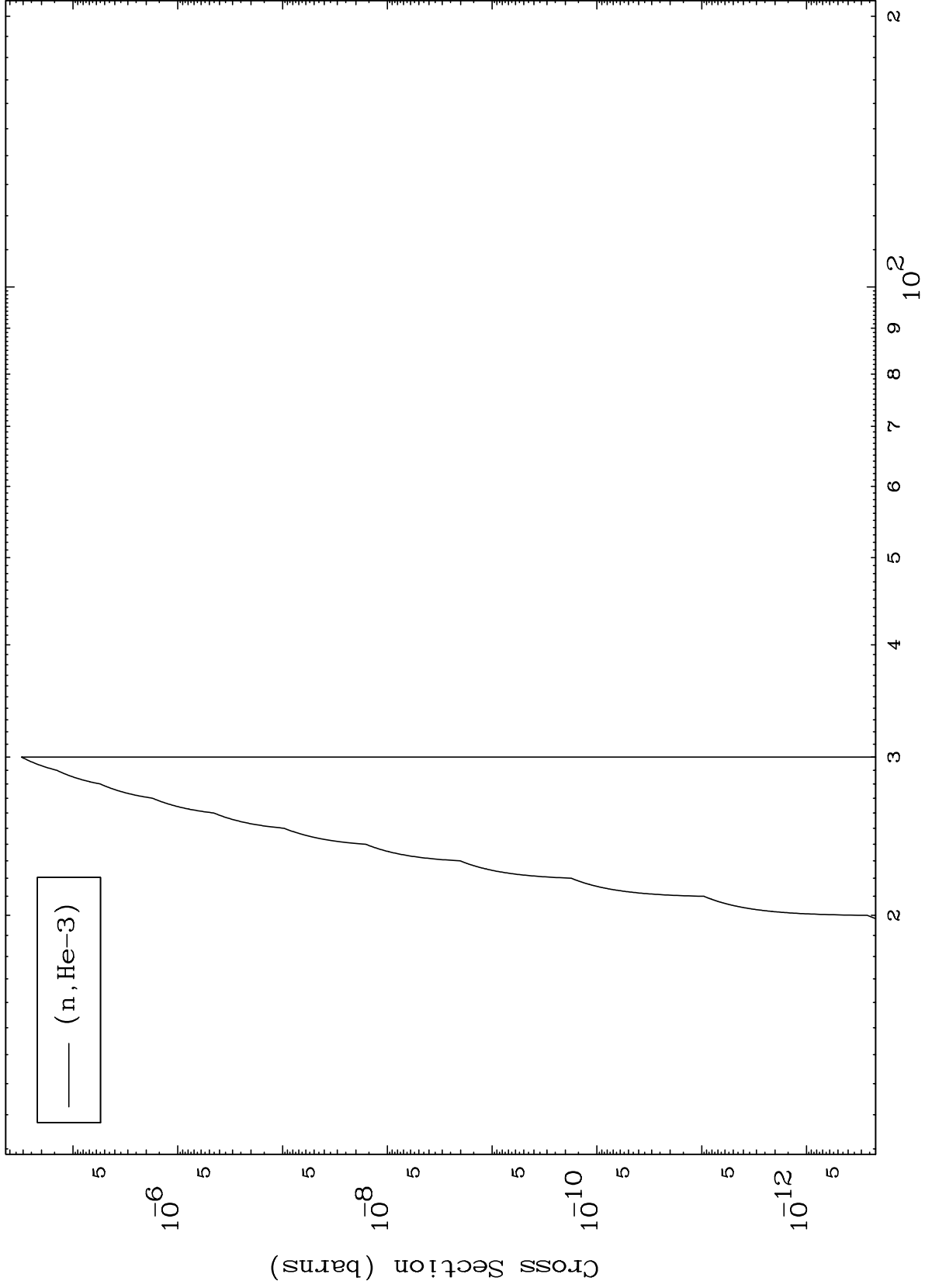


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Incident Energy (MeV)

59-Pr-149

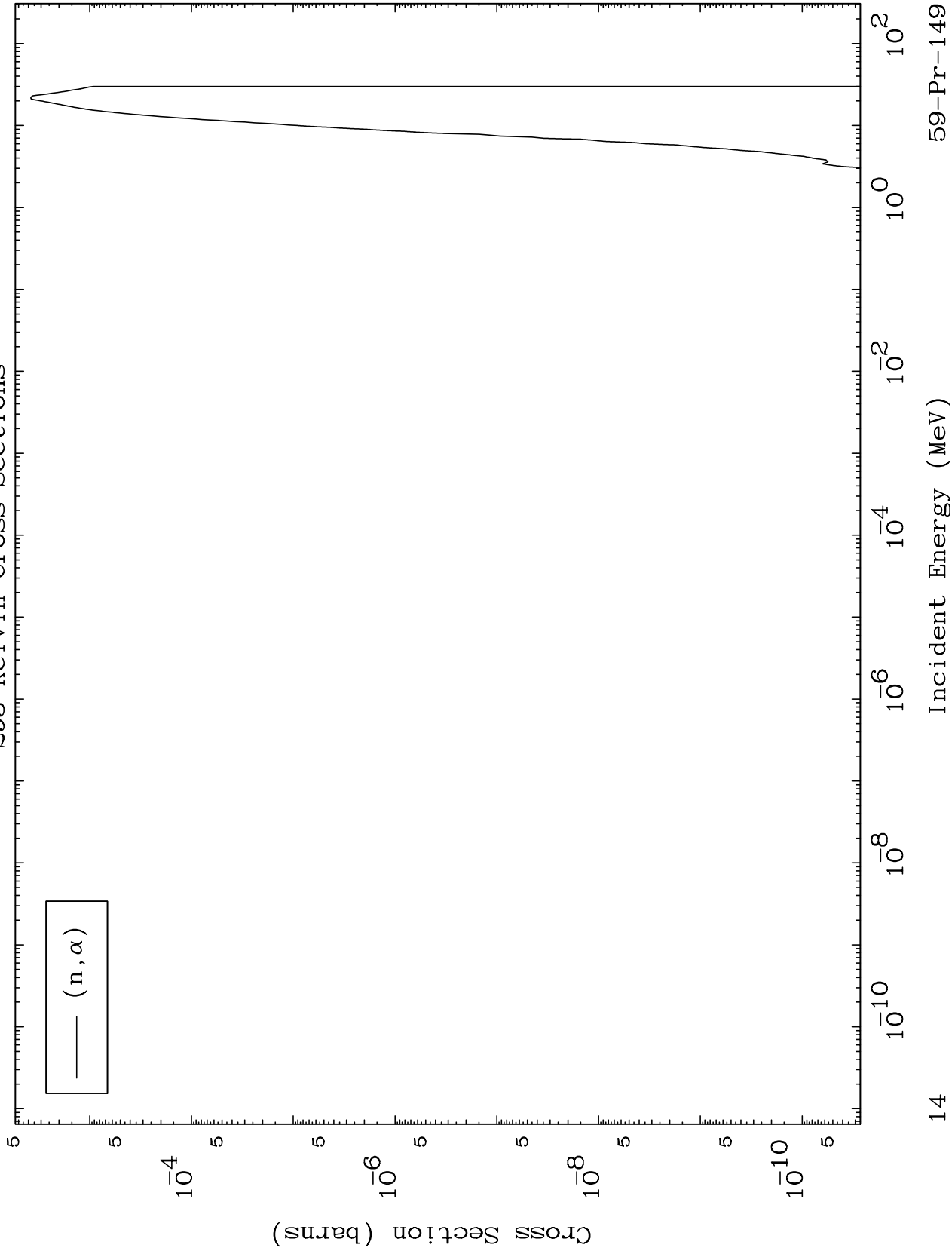




MAT 5949

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

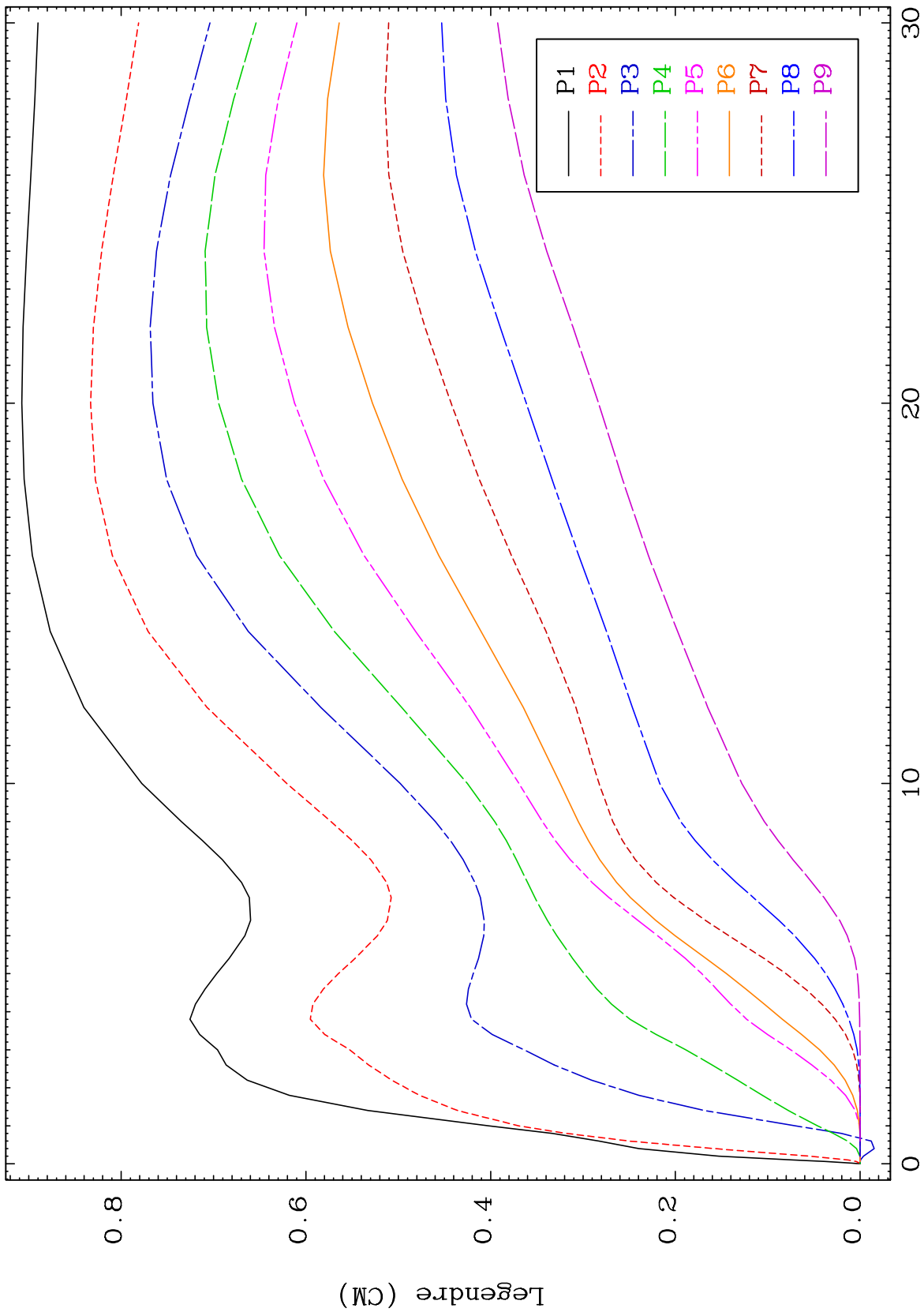
59-Pr-149



MAT 5949

59-Pr-149

Elastic Legendre Coefficients



59-Pr-149

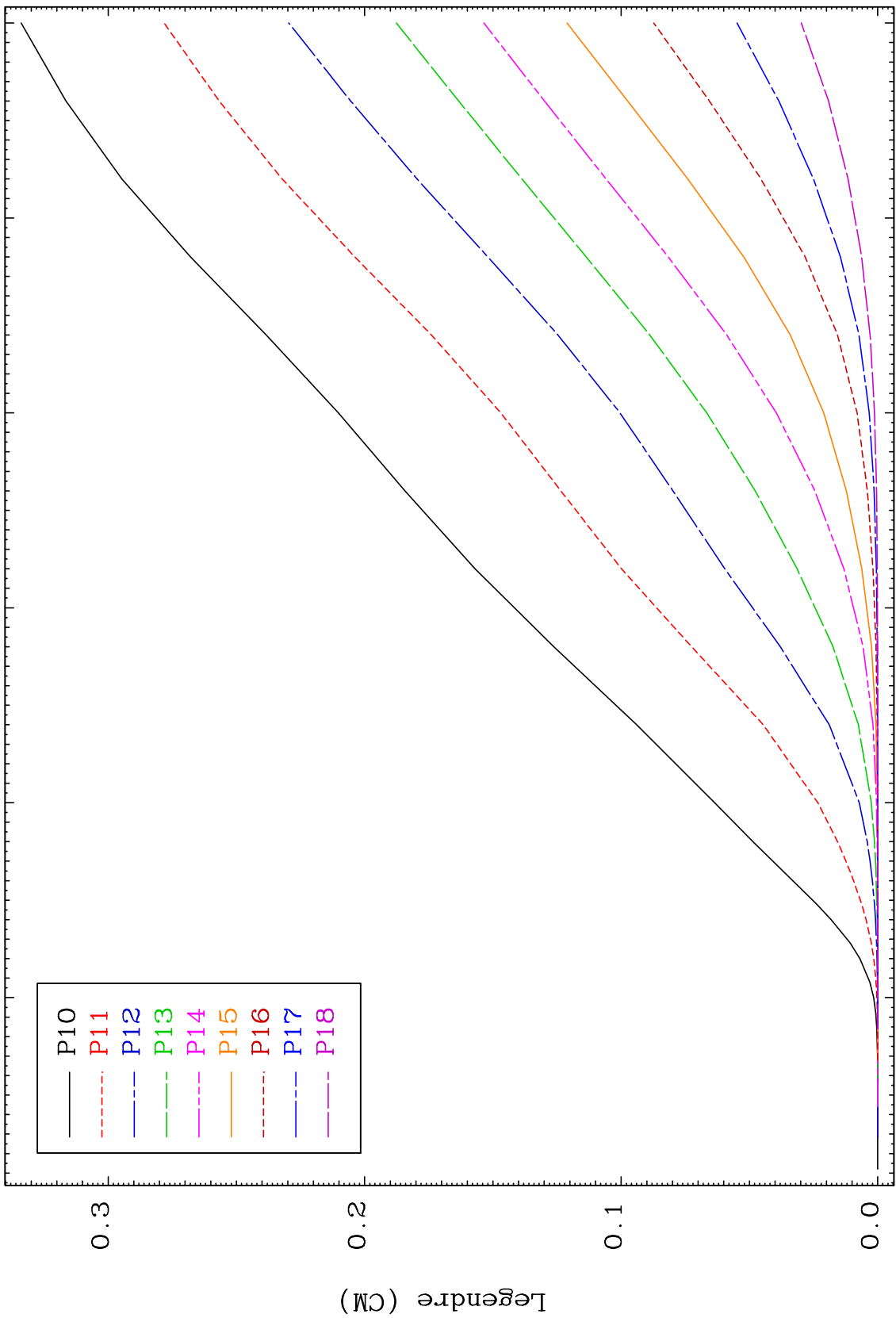
Incident Energy (MeV)

15

MAT 5949

Elastic Legendre Coefficients

59-Pr-149



16

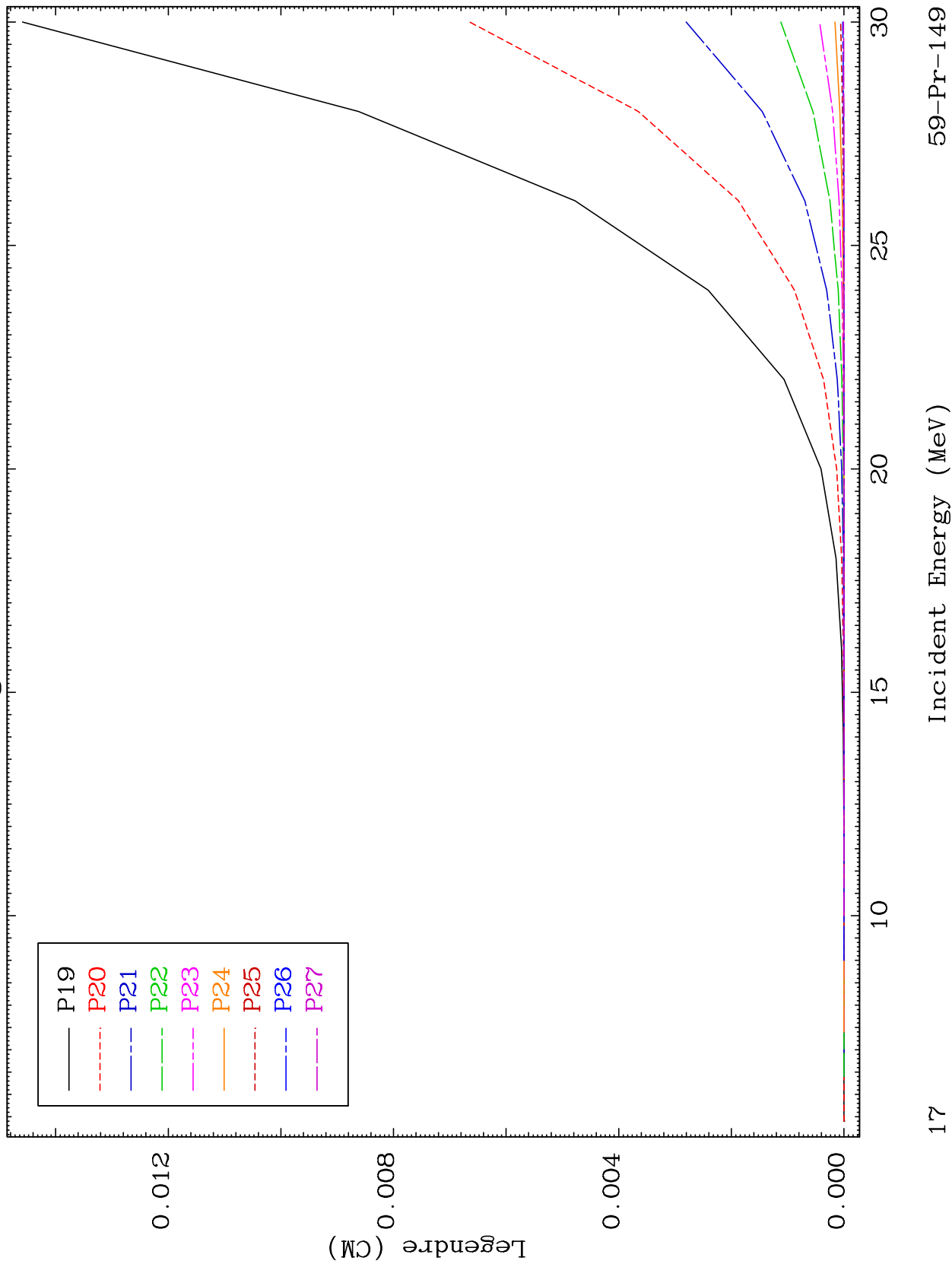
Incident Energy (MeV)

59-Pr-149

MAT 5949

### Elastic Legendre Coefficients

59-Pr-149



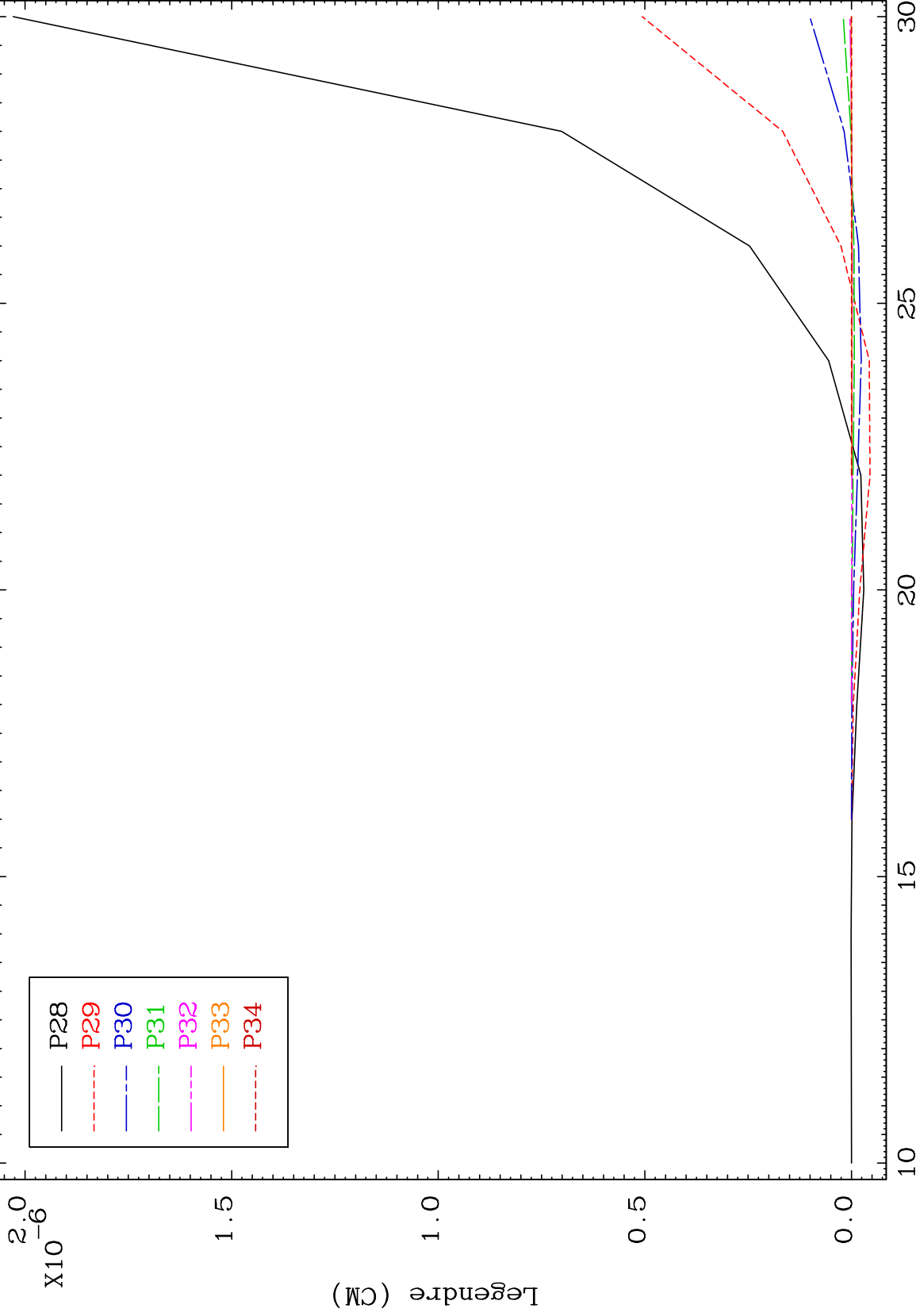
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59-Pr-149

MAT 5949

Elastic  
Legendre Coefficients

59-Pr-149



18

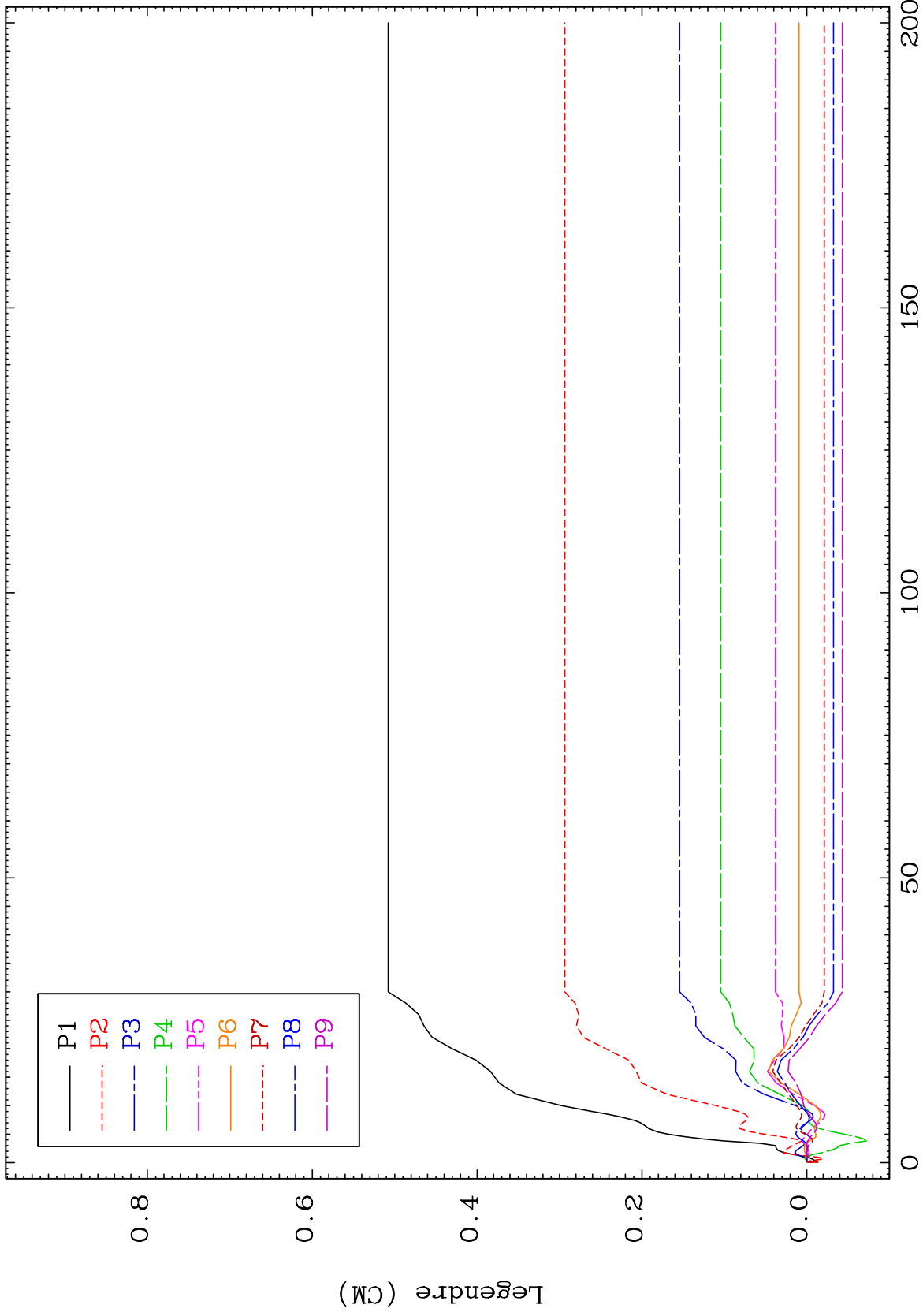
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



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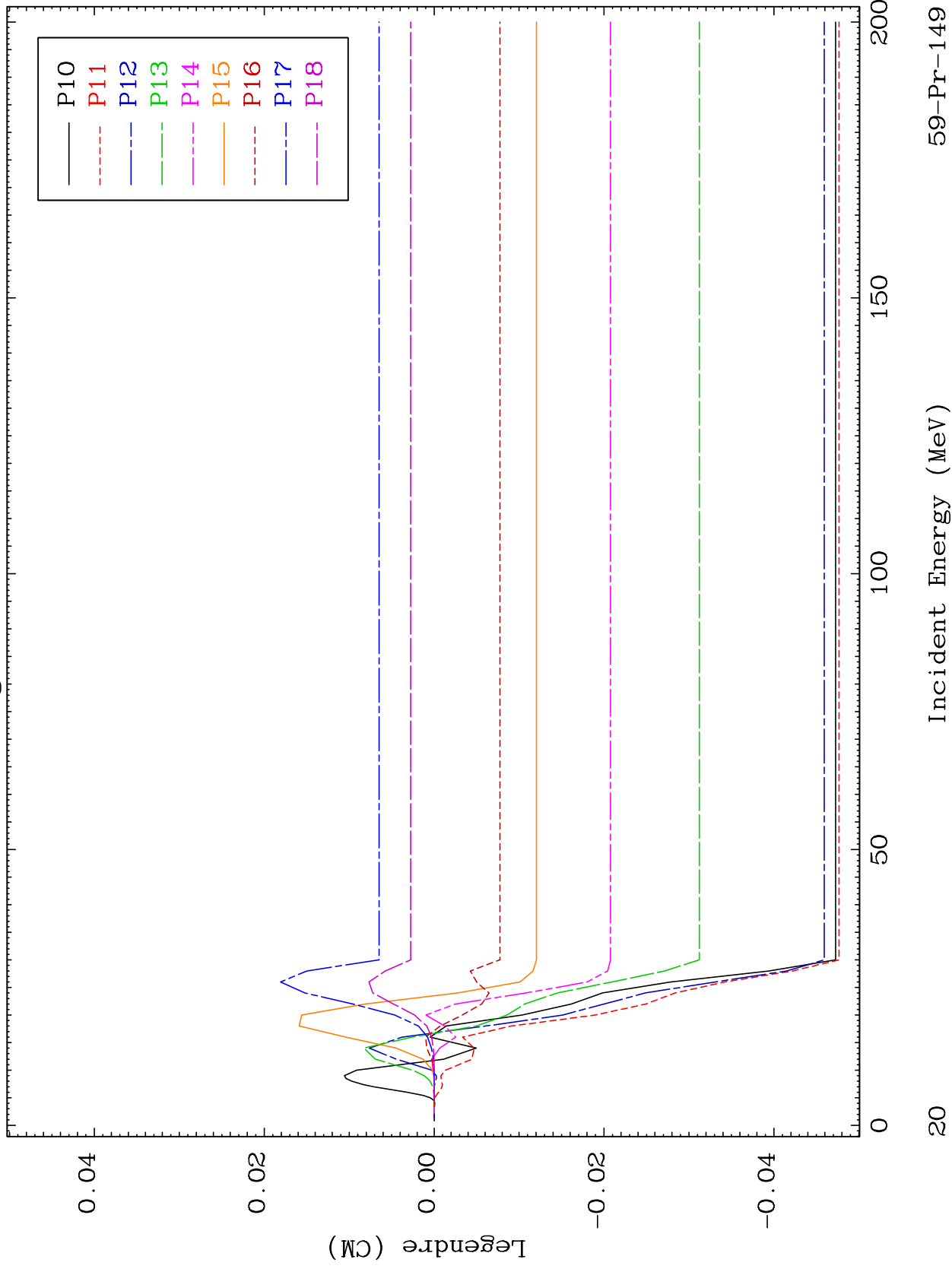
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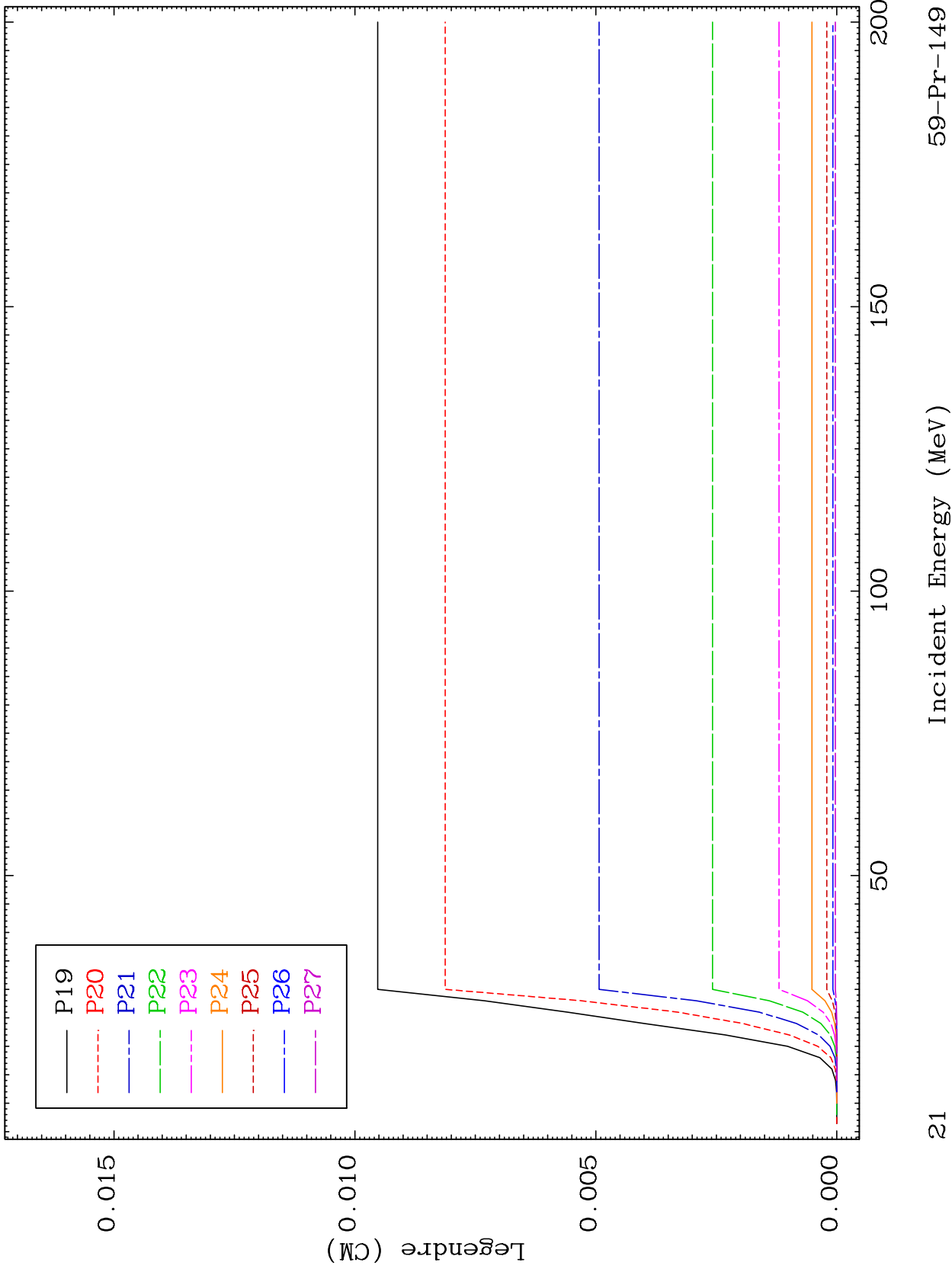
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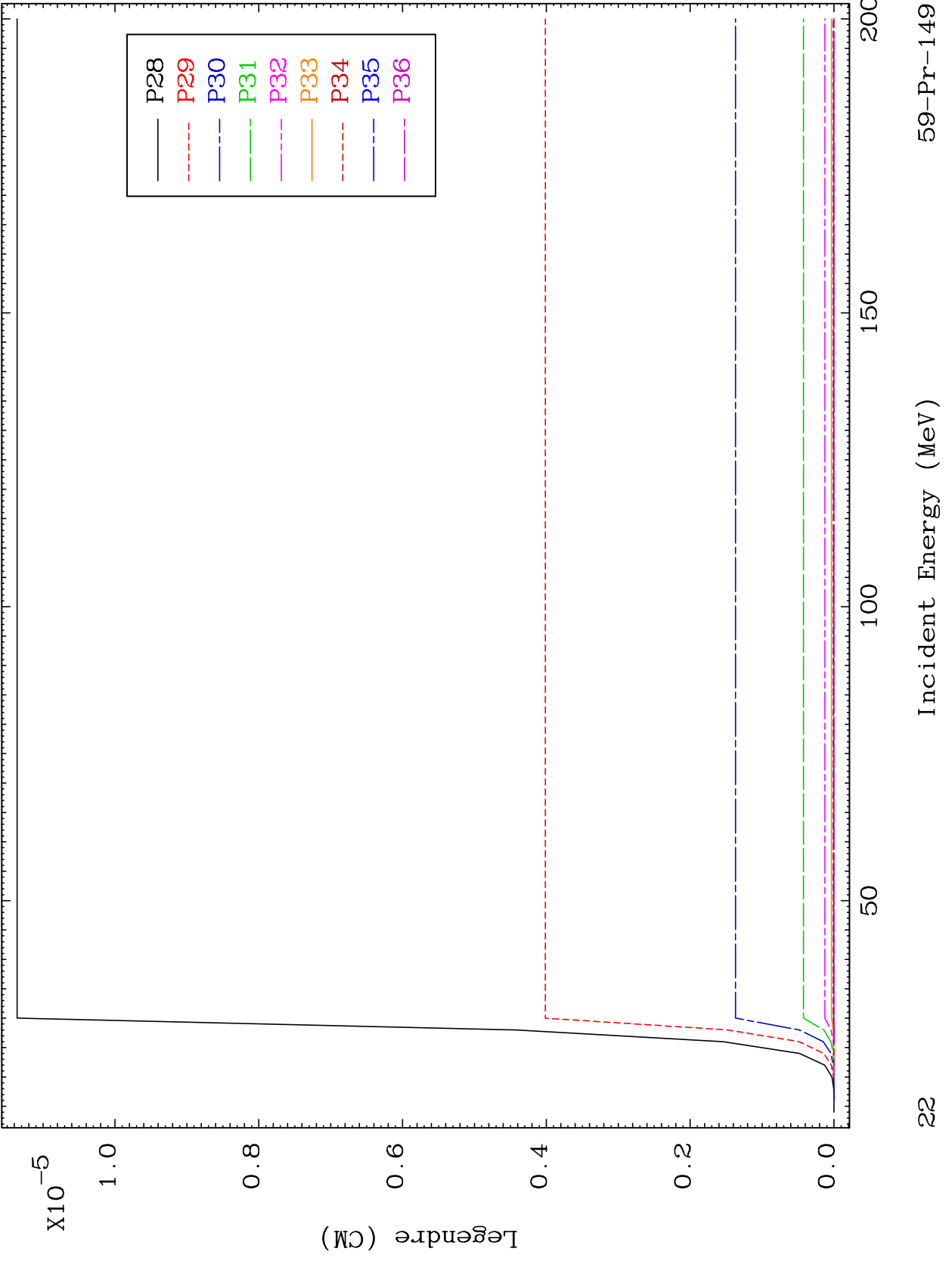
MAT 5949

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

59-Pr-149





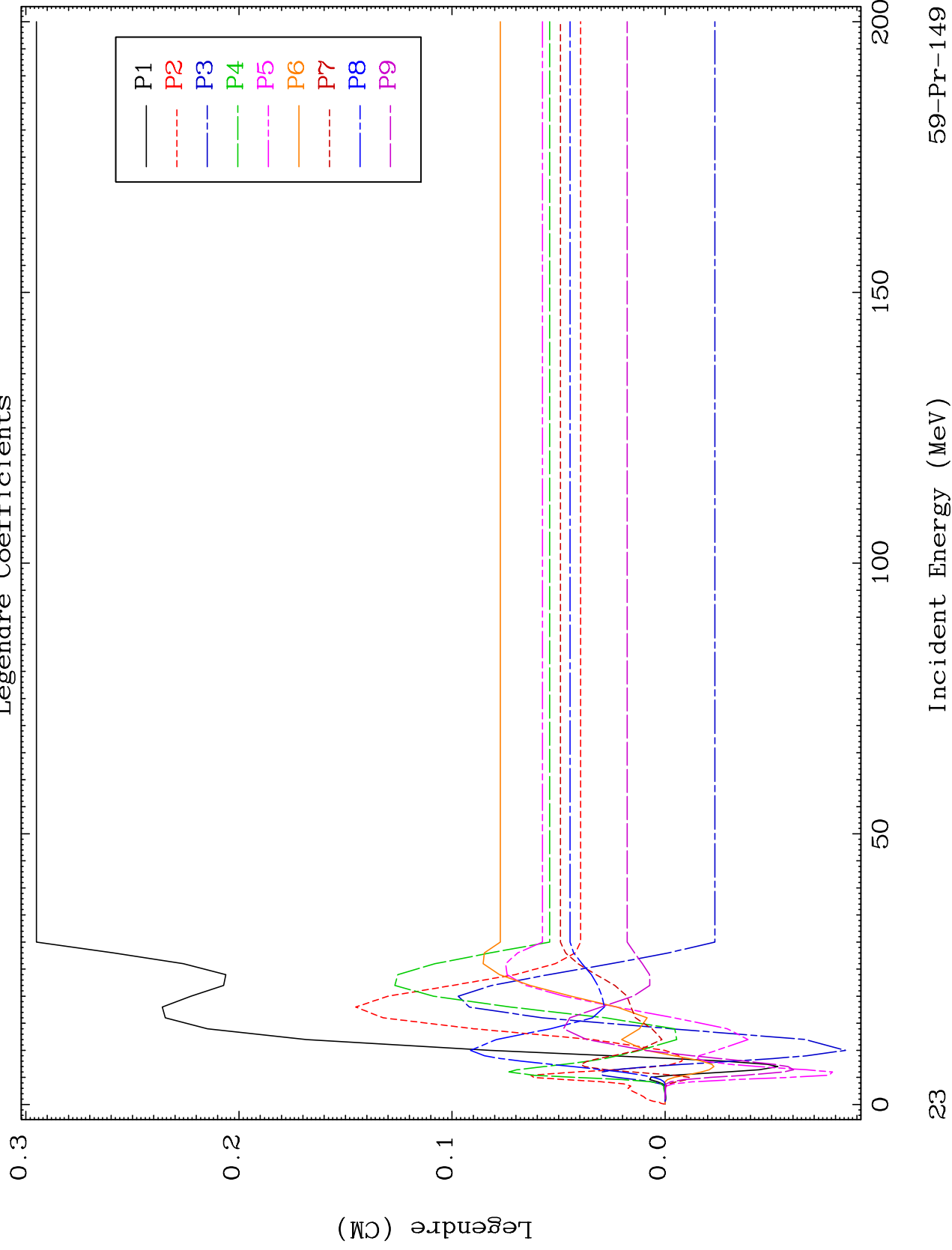


MAT 5949

MT= 52 (n,n') Level

59-Pr-149

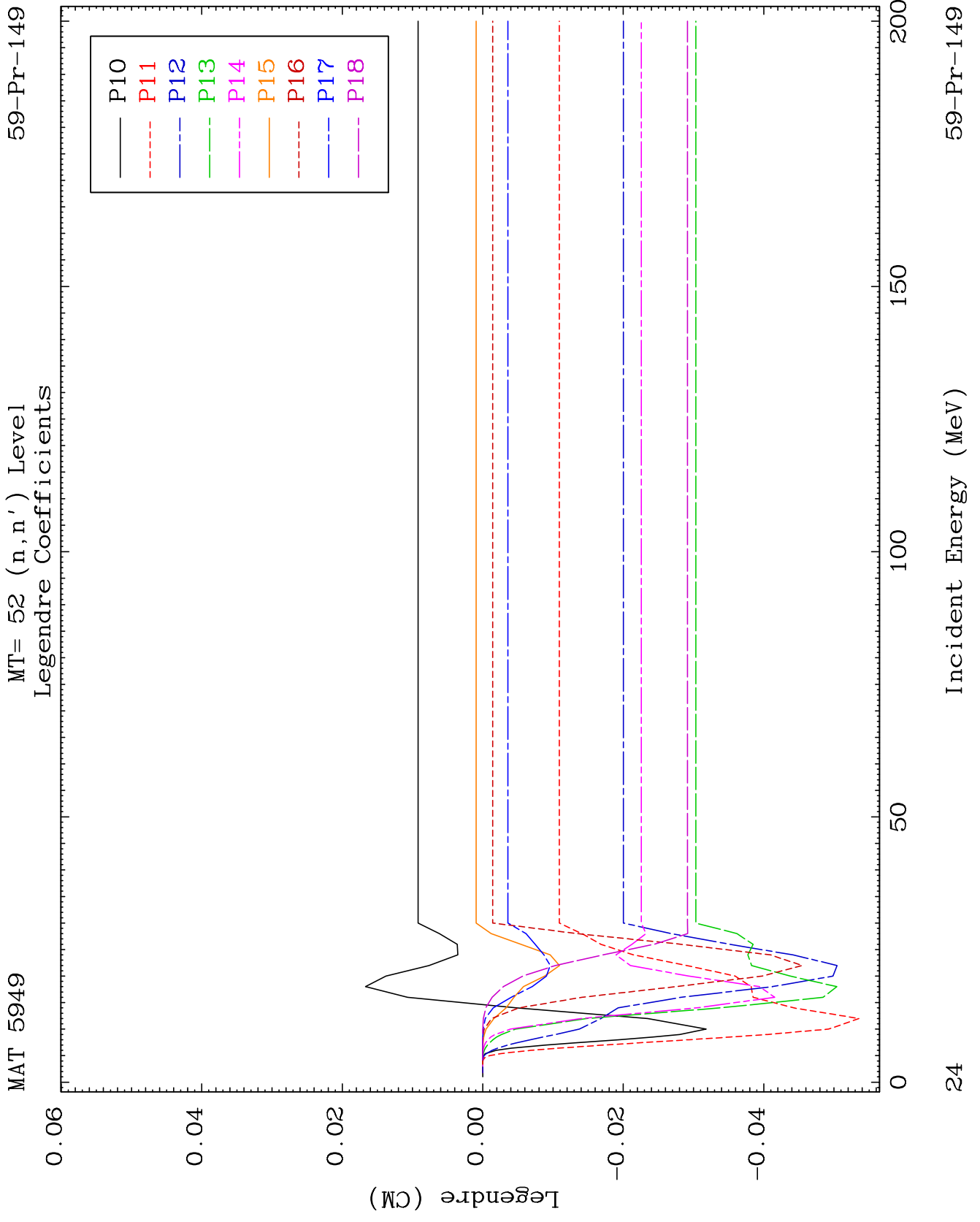
Legendre Coefficients



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Incident Energy (MeV)

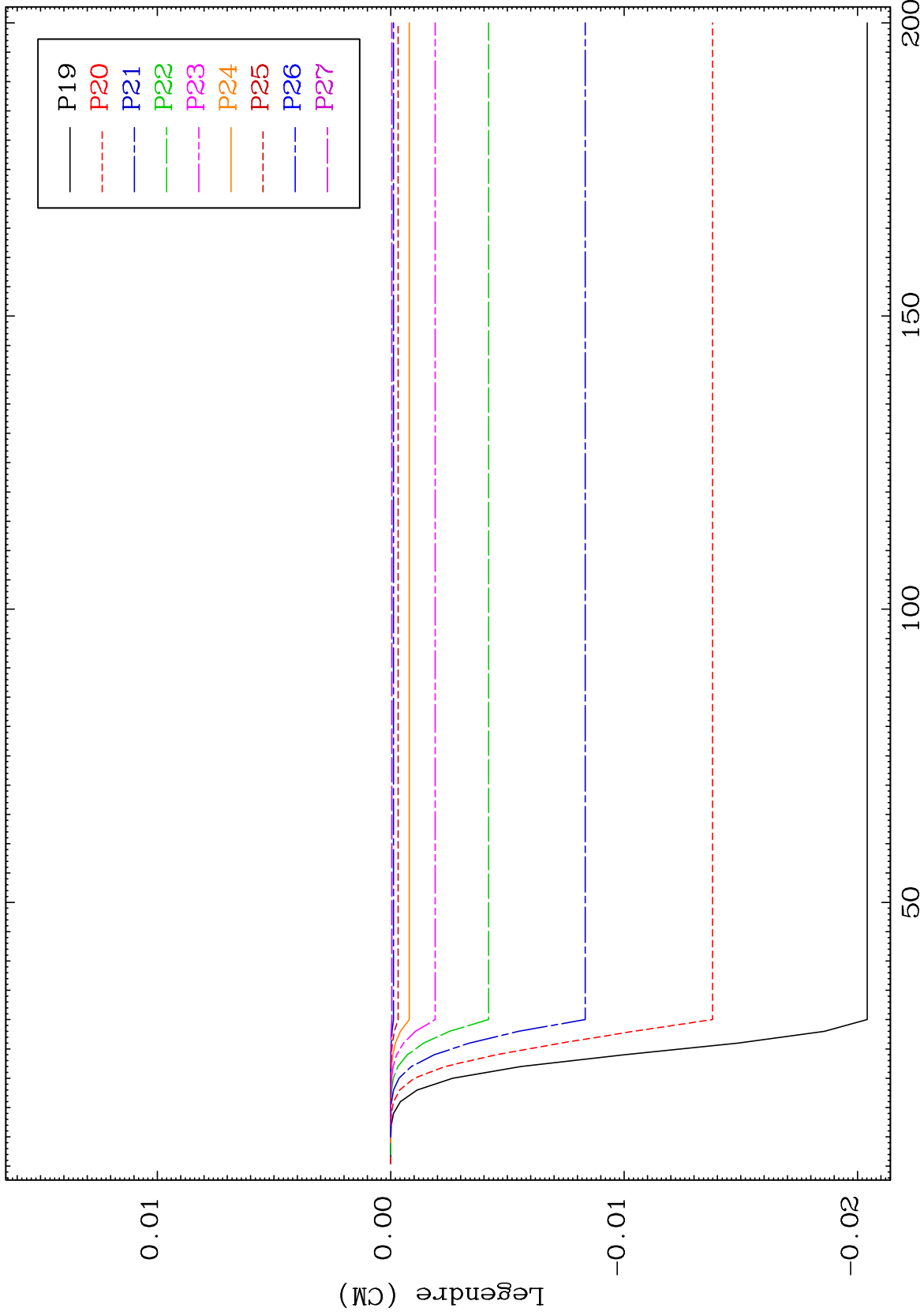
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MAT 5949

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

59-Pr-149



25

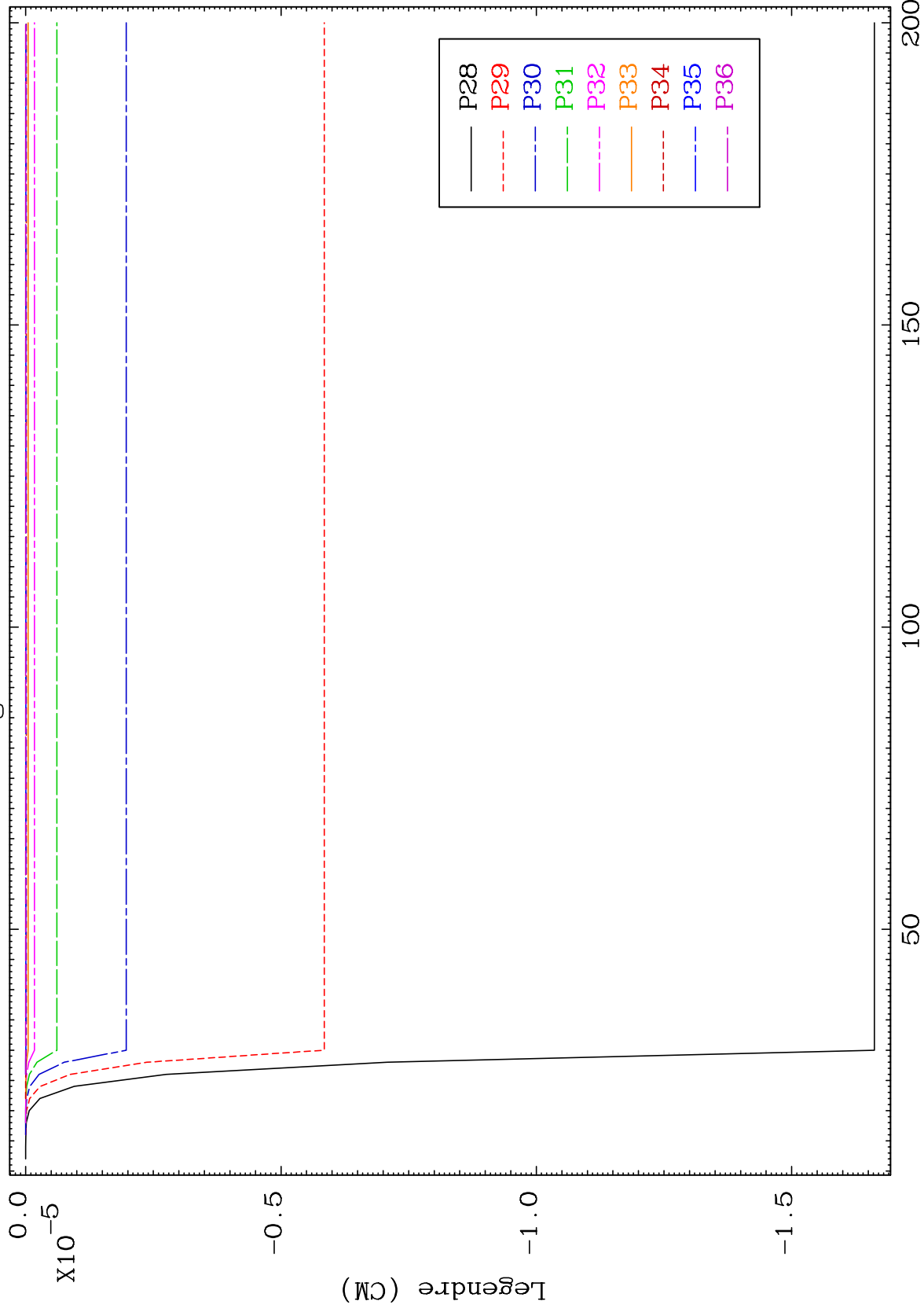
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



26

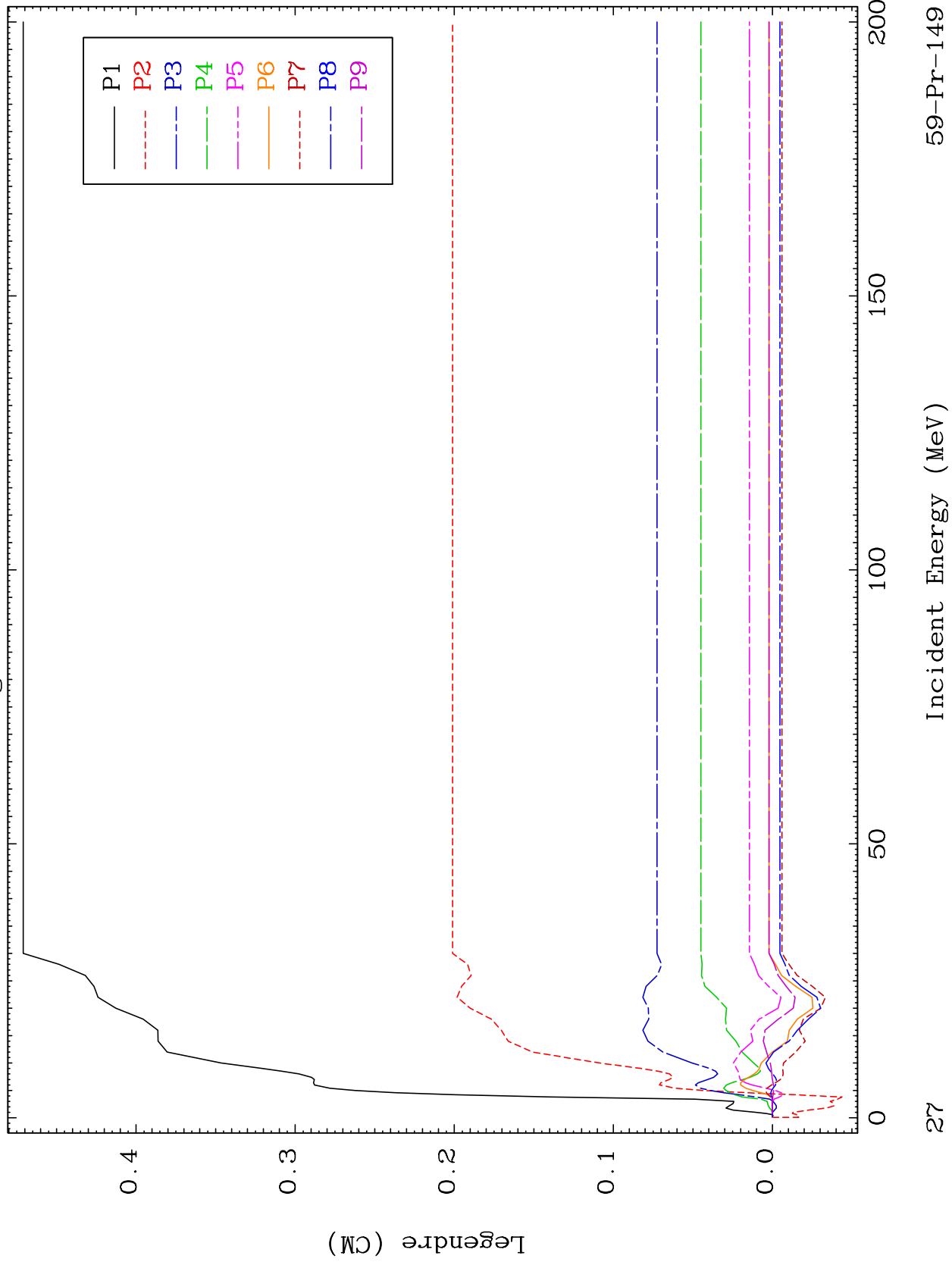
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



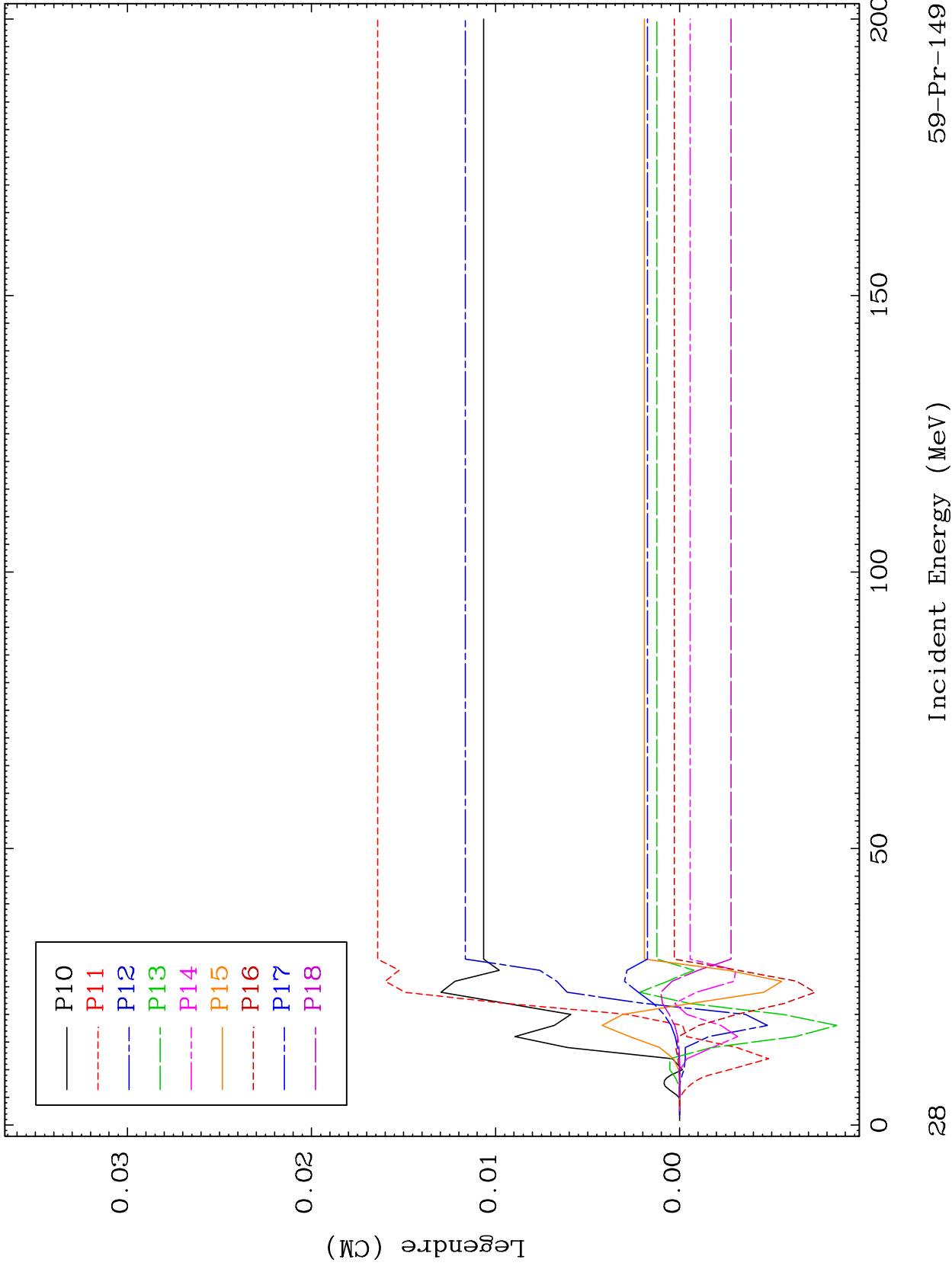
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59-Pr-149

MAT 5949

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

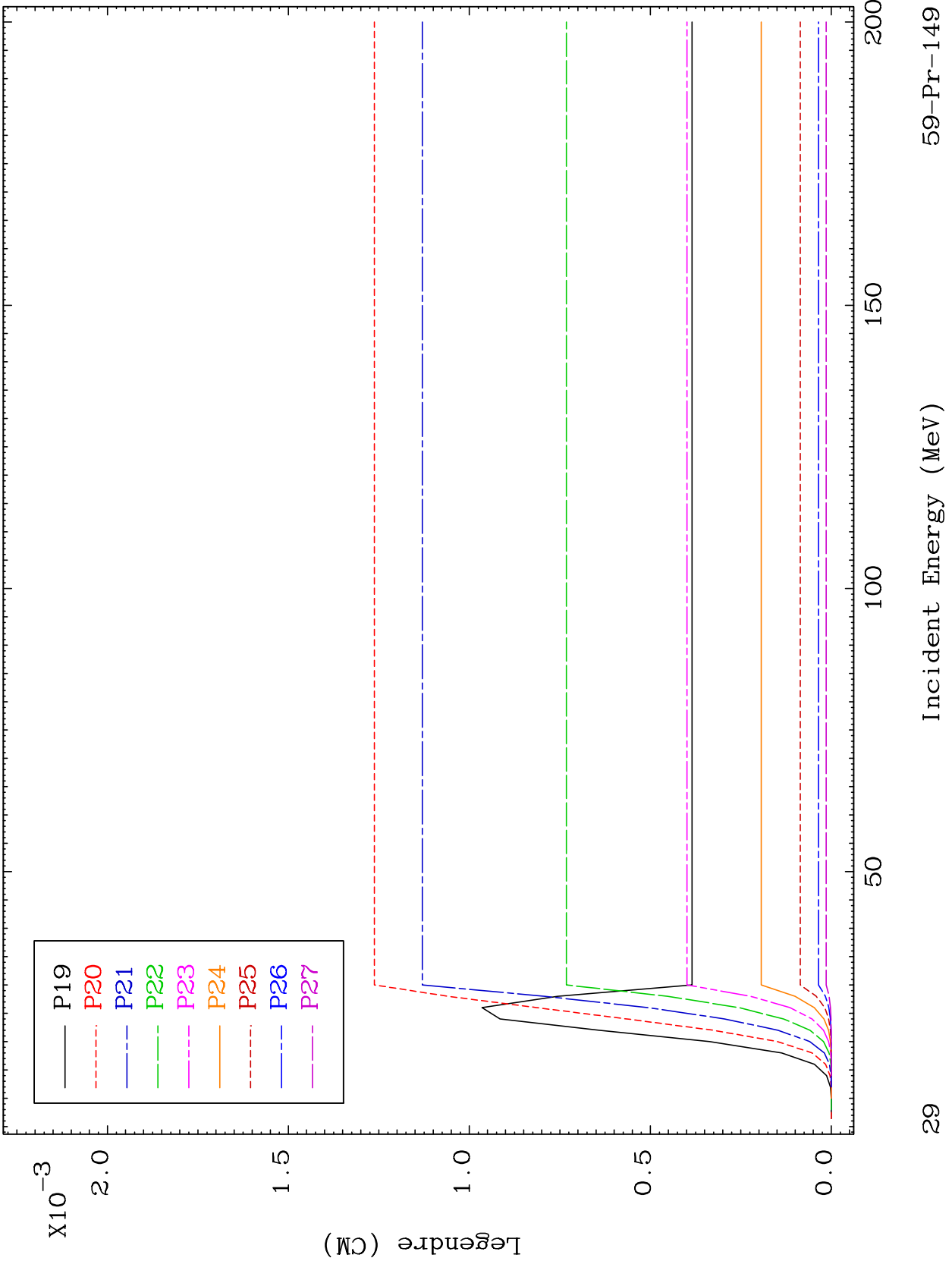
59-Pr-149



28

Incident Energy (MeV)

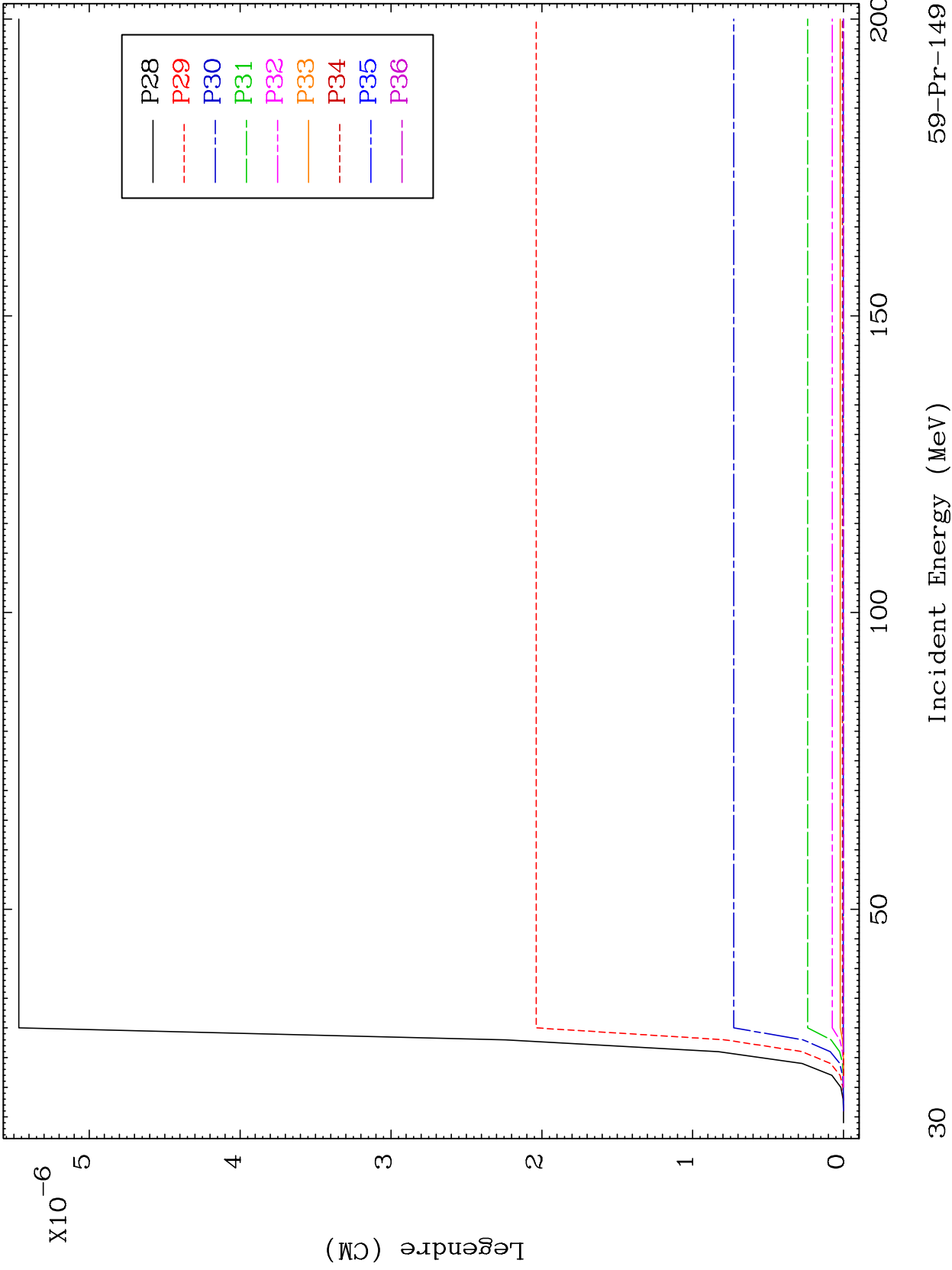
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MAT 5949

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

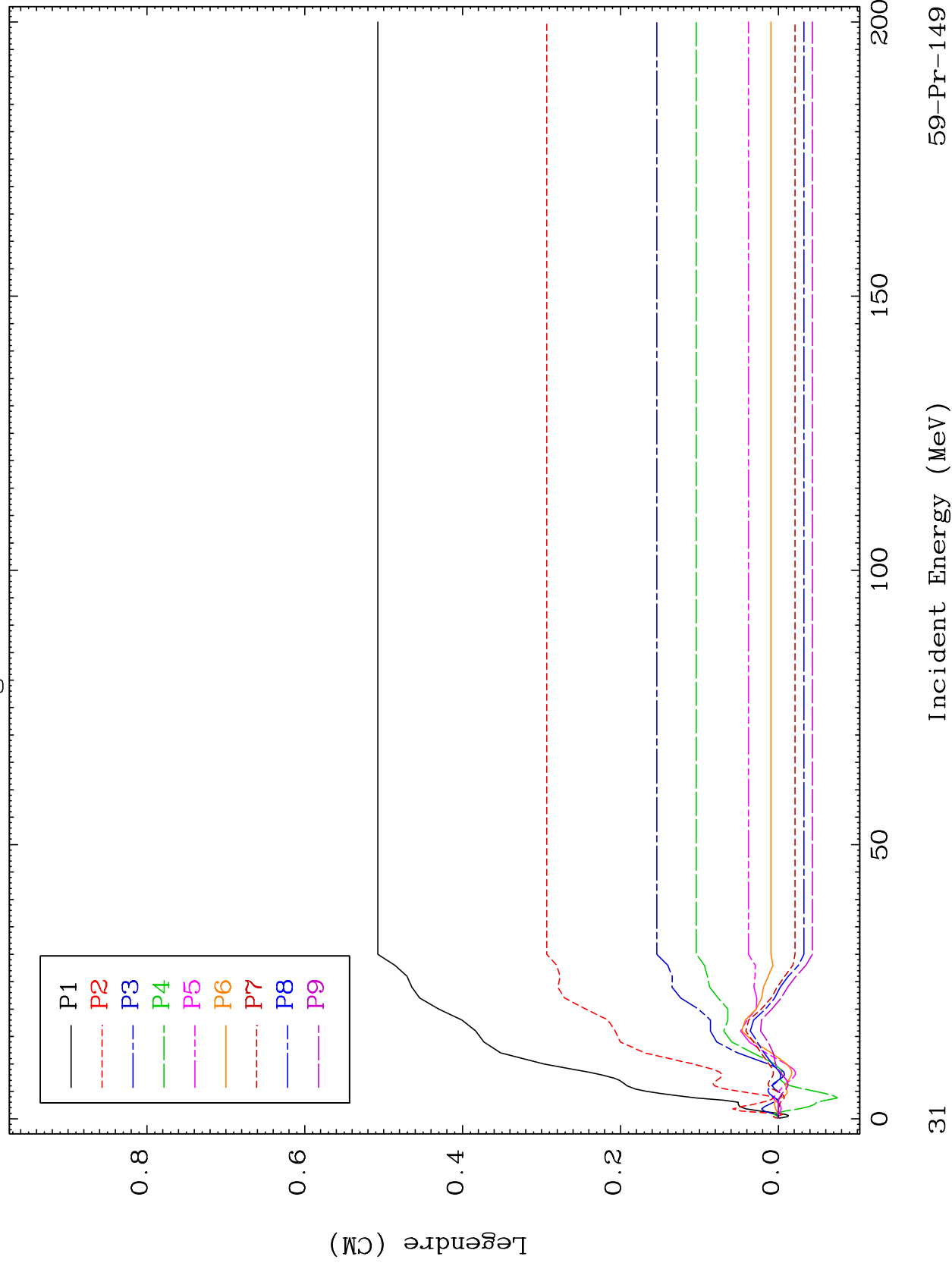
59-Pr-149



59-Pr-149

Incident Energy (MeV)

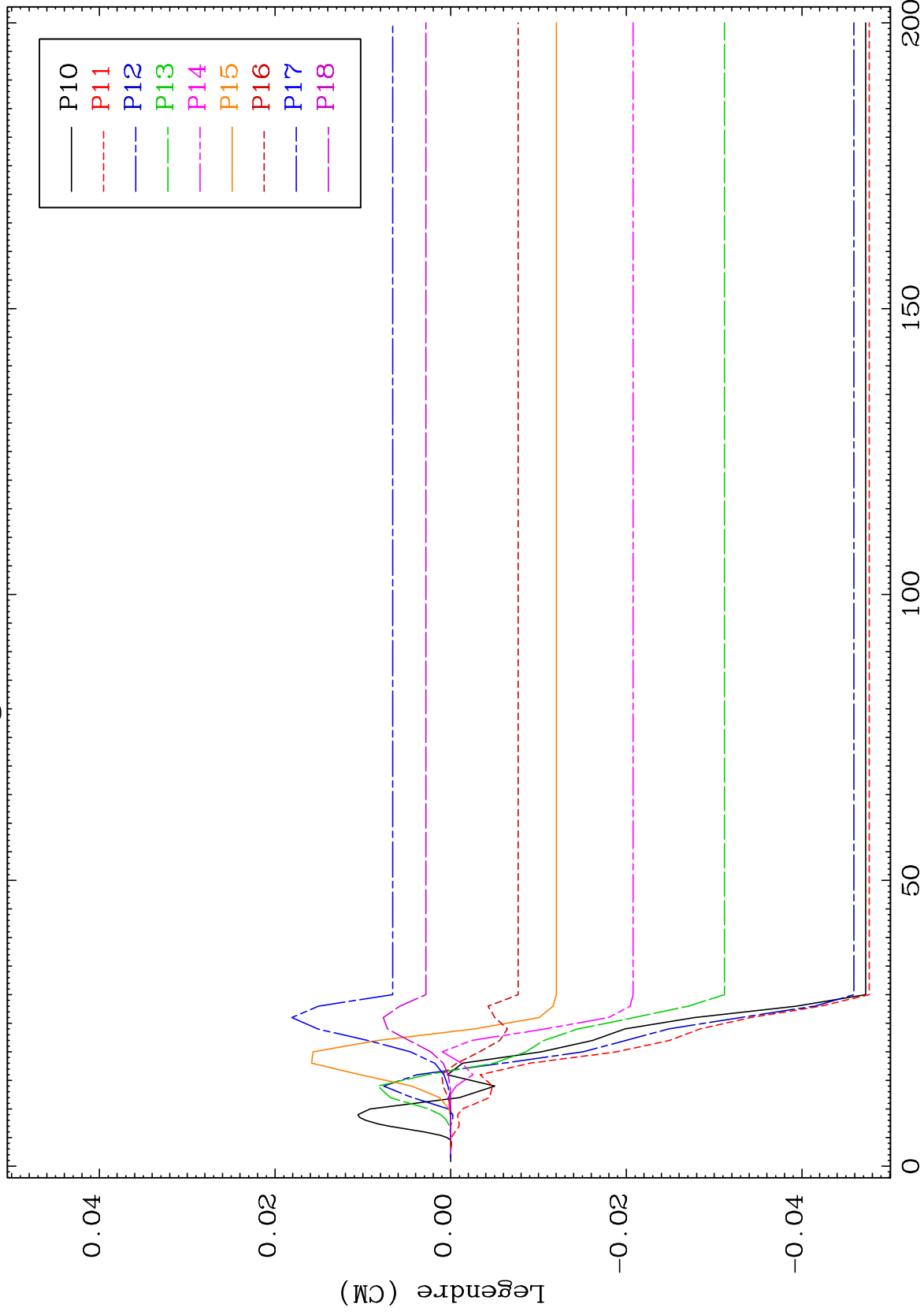
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MAT 5949

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

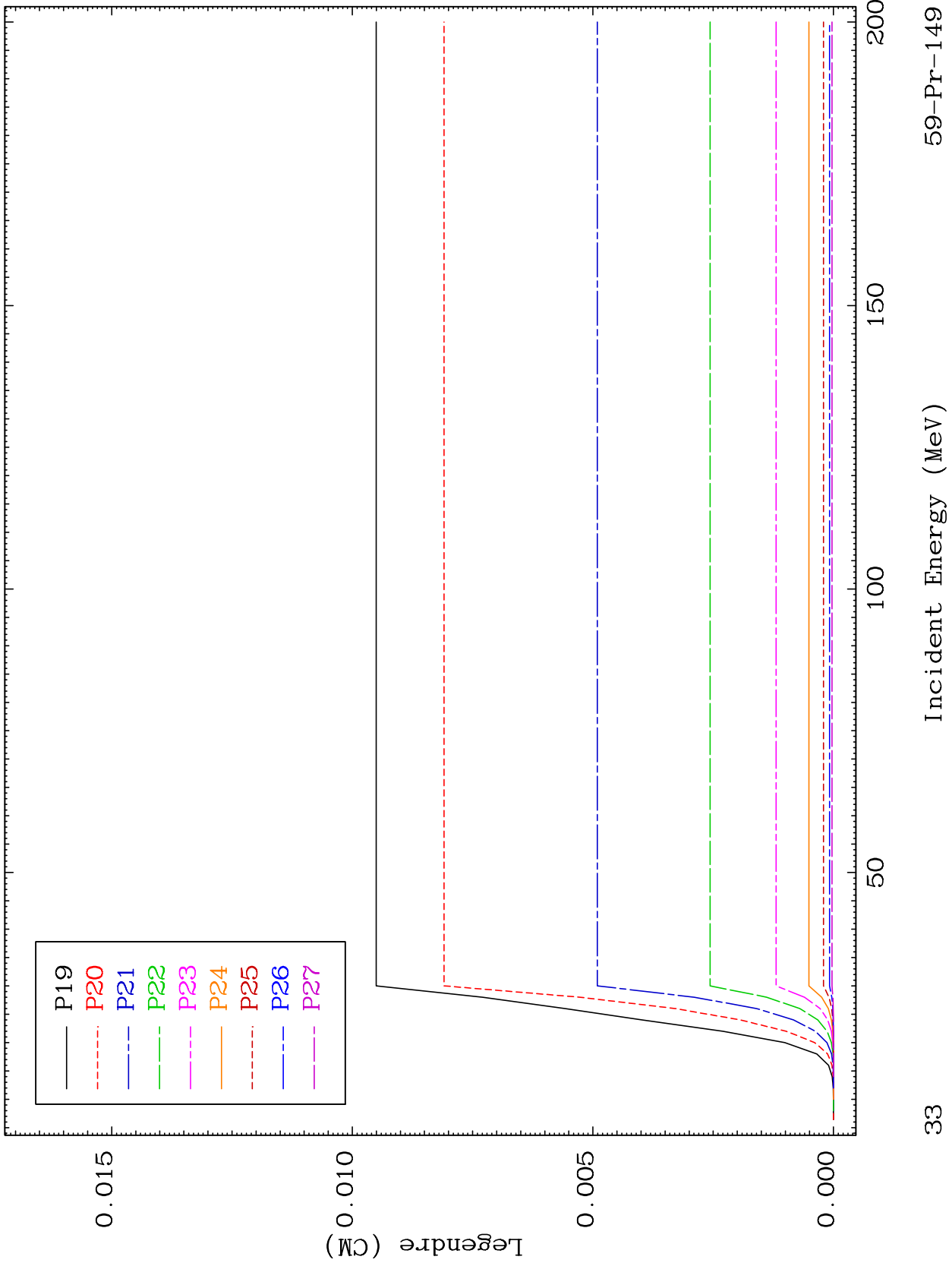
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32

Incident Energy (MeV)

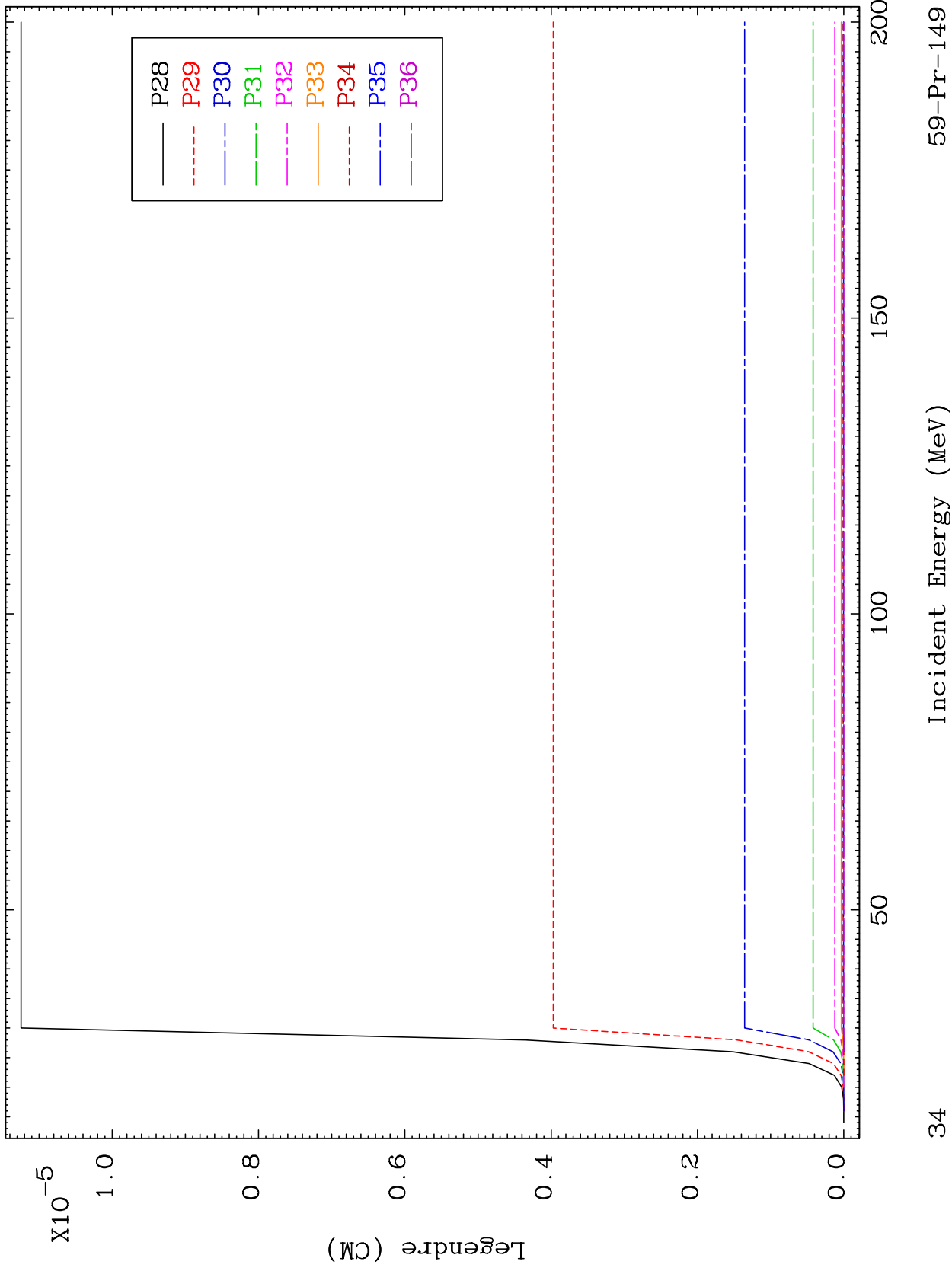
59-Pr-149



MAT 5949

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

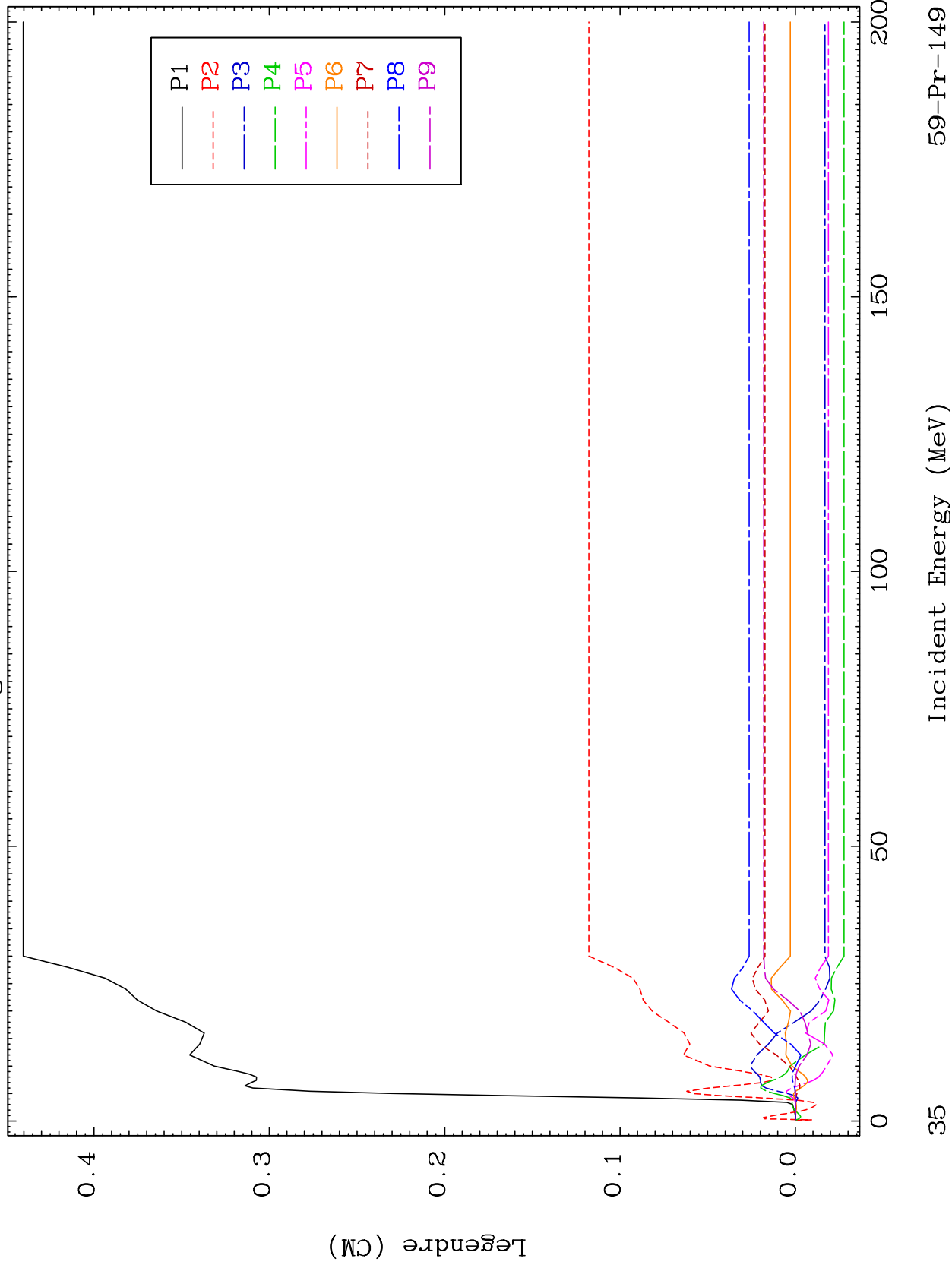
59-Pr-149



MAT 5949

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

59-Pr-149



59-Pr-149

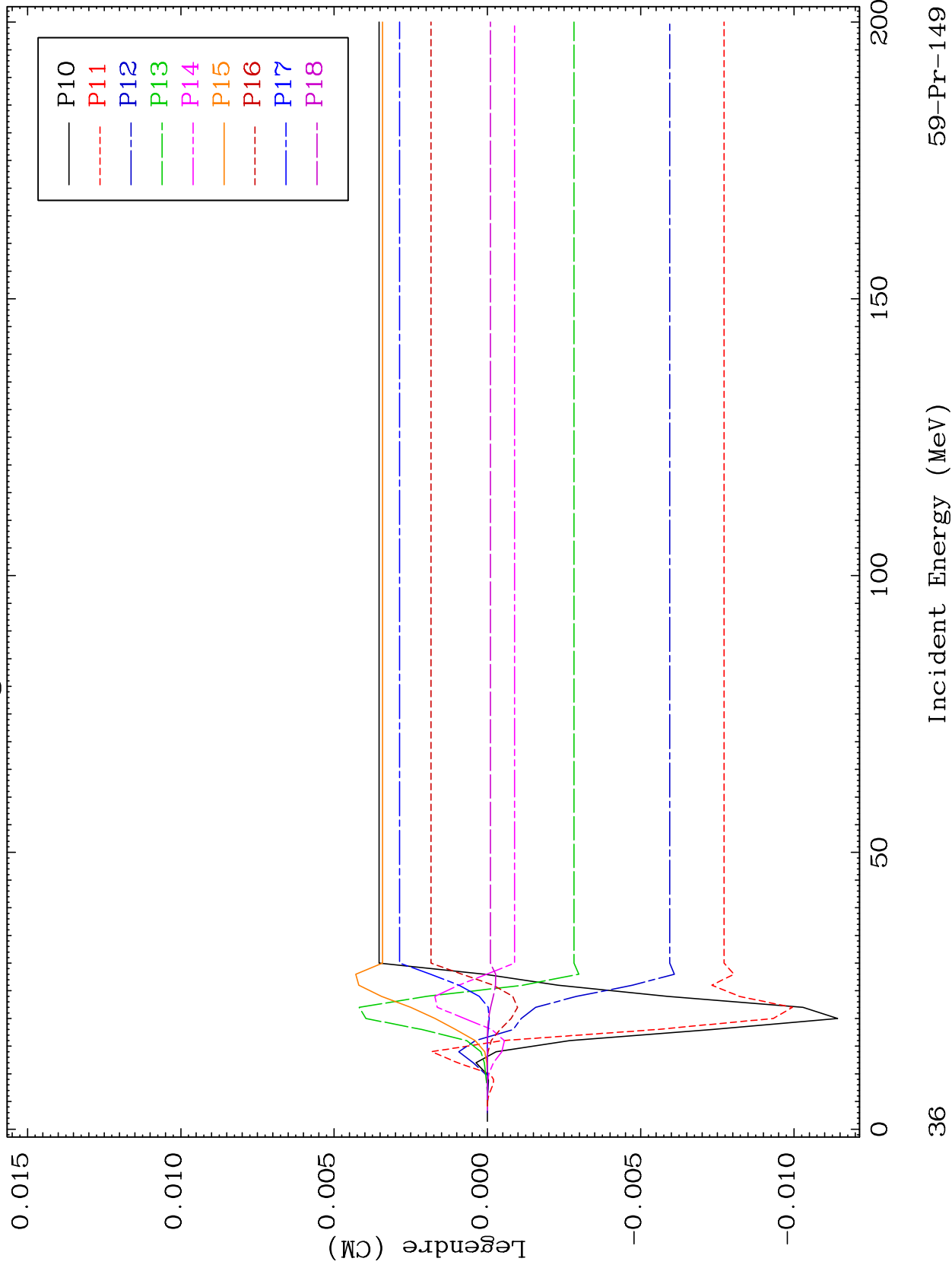
Incident Energy (MeV)

35

MAT 5949

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

59-Pr-149



36

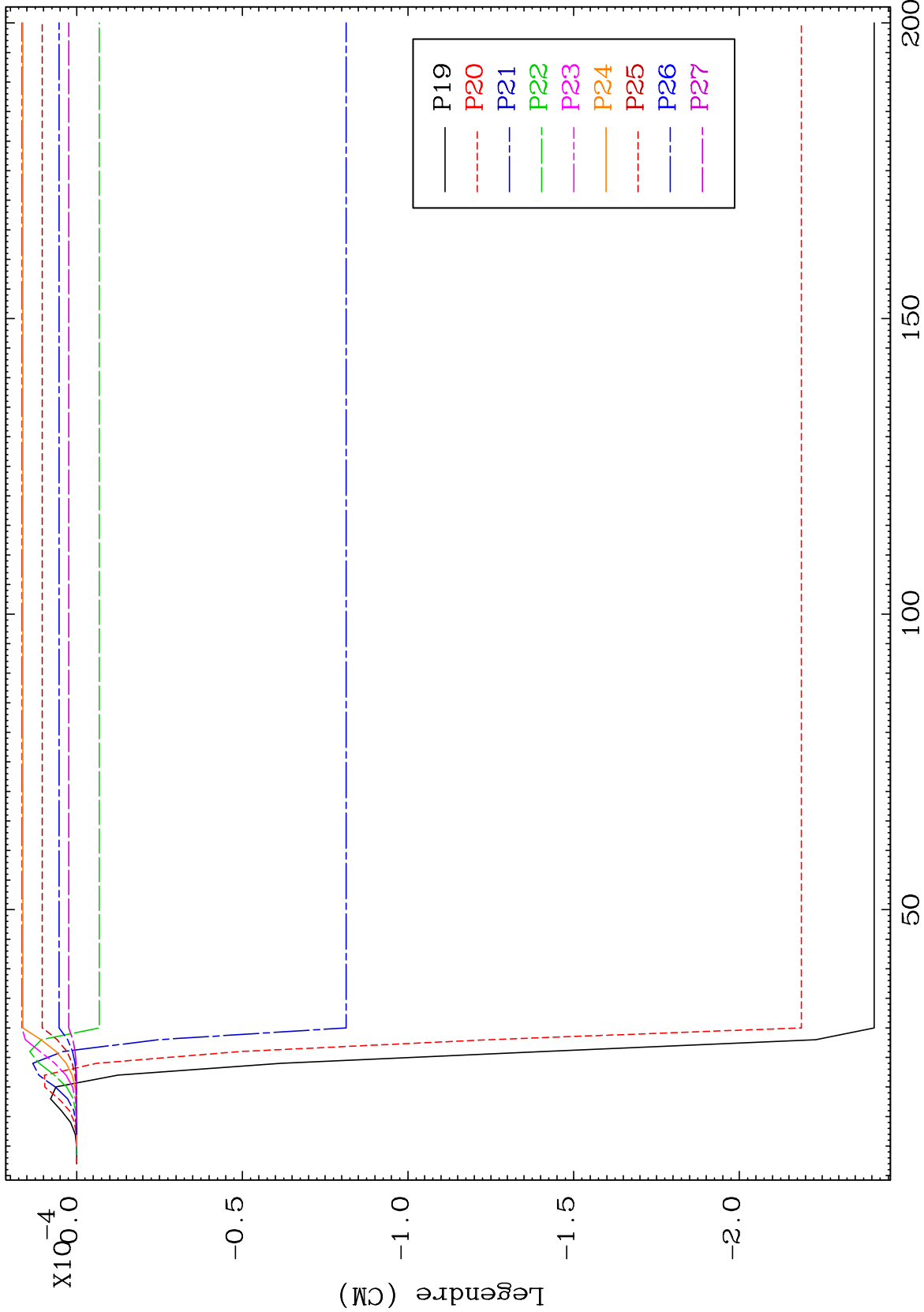
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



37

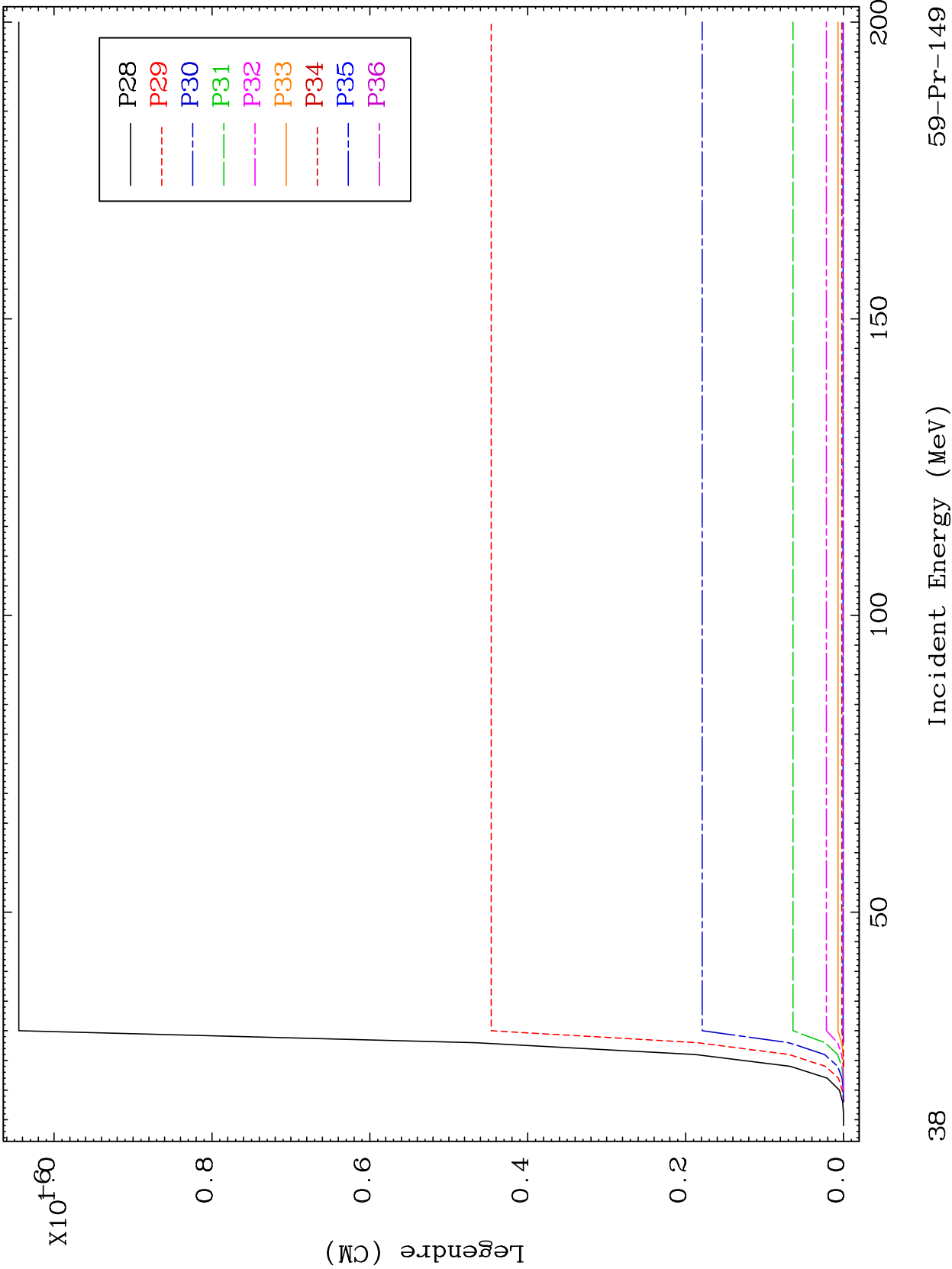
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



38

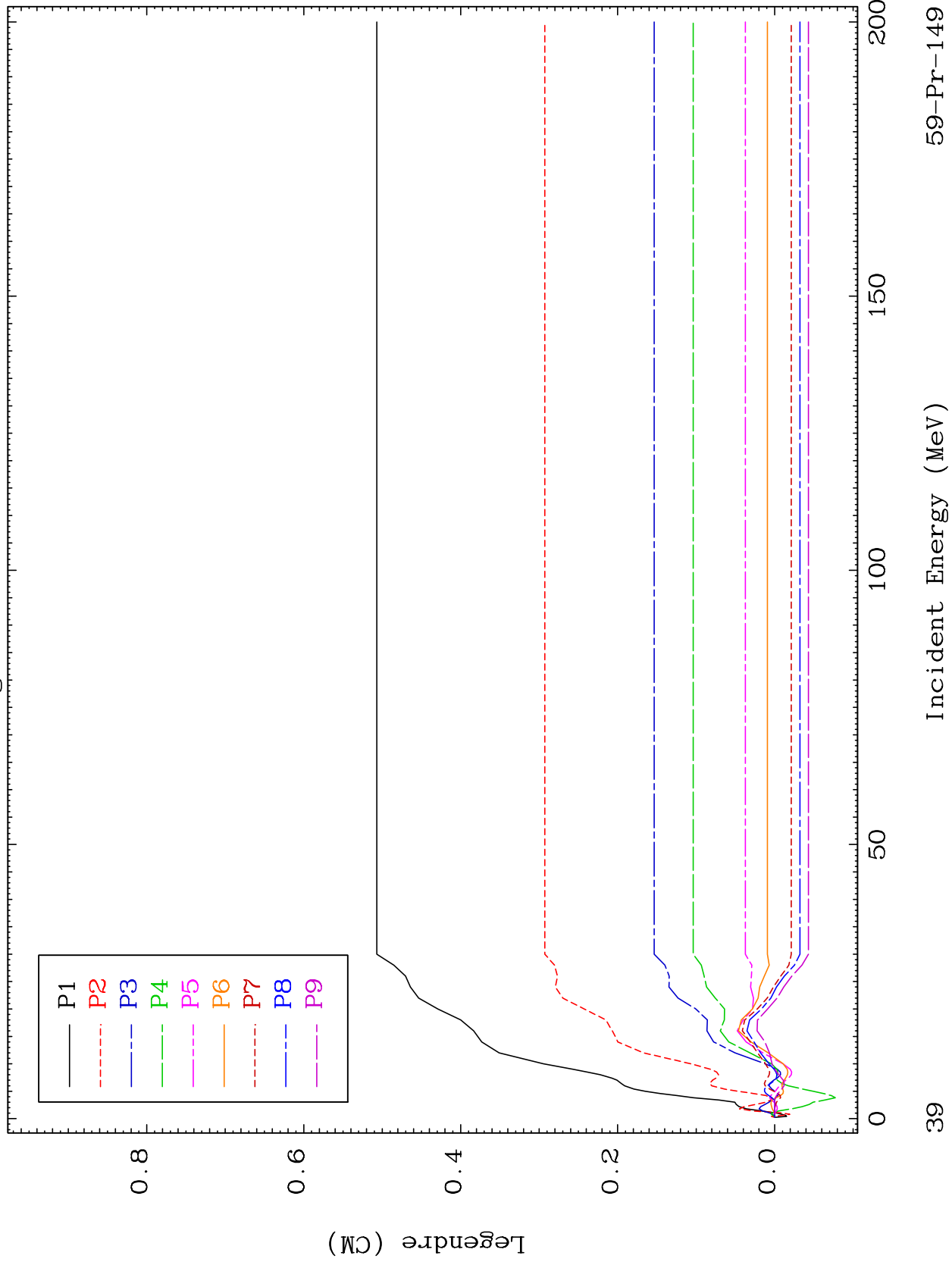
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

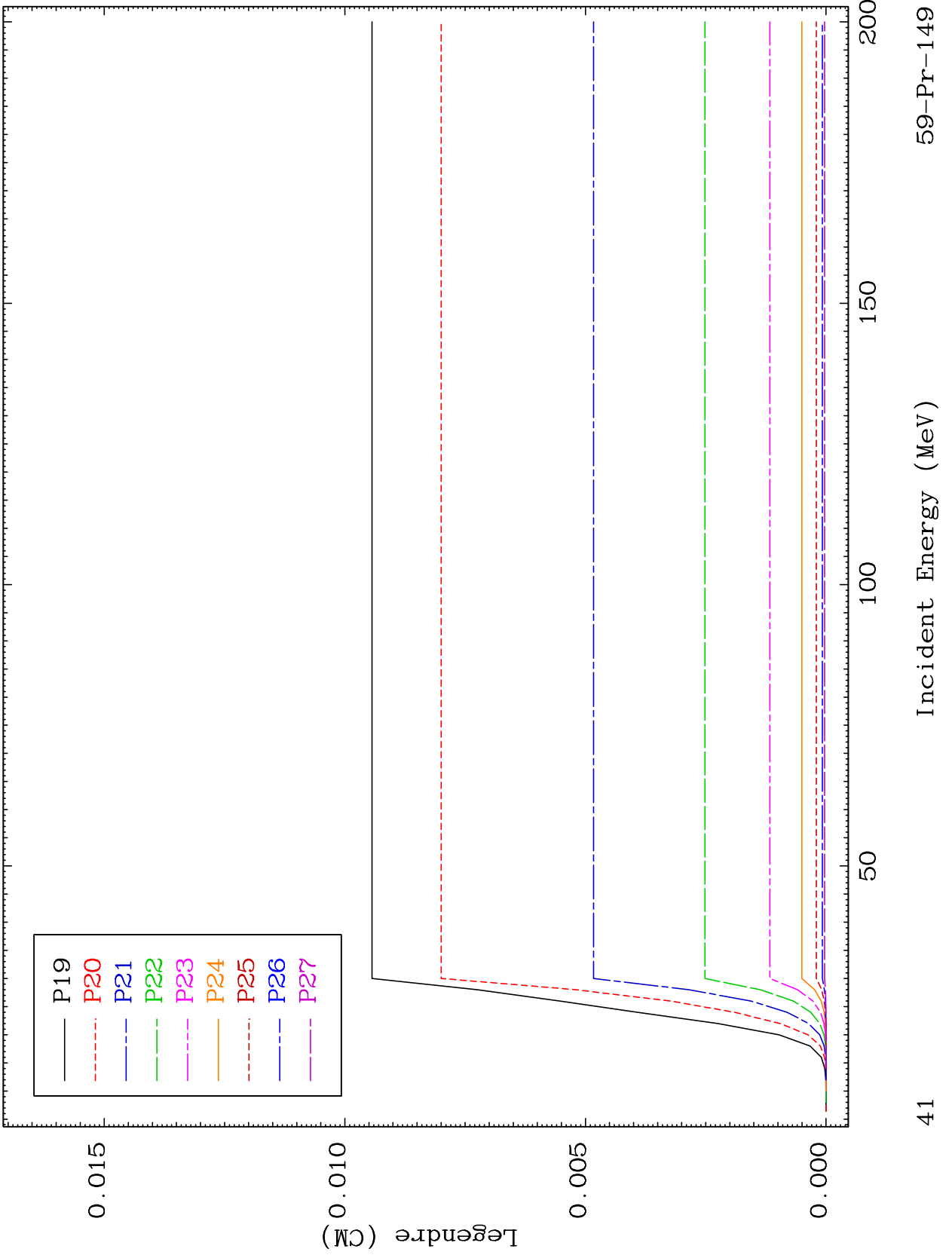
59-Pr-149



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59-Pr-149

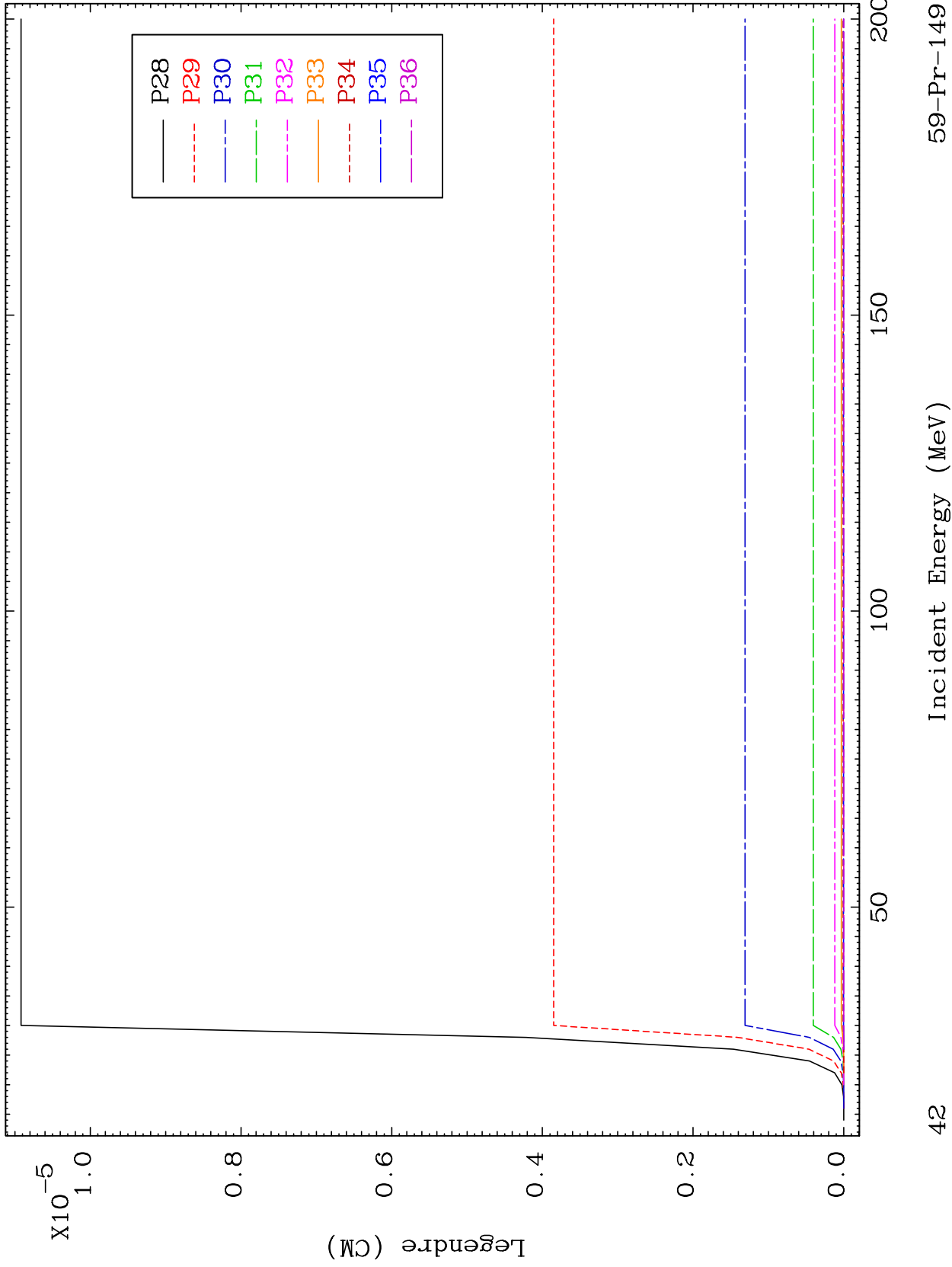




MAT 5949

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

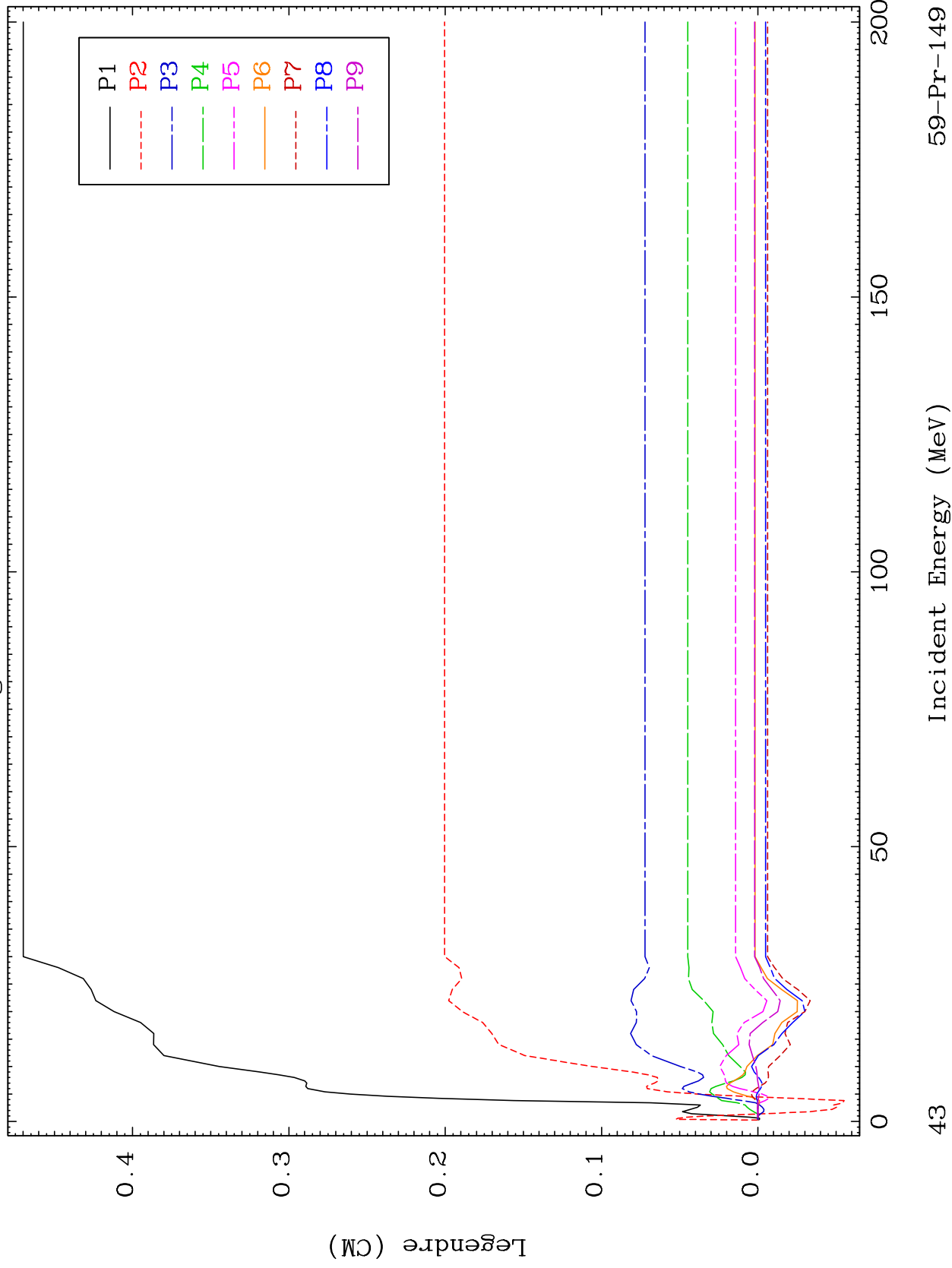
59-Pr-149



MAT 5949

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

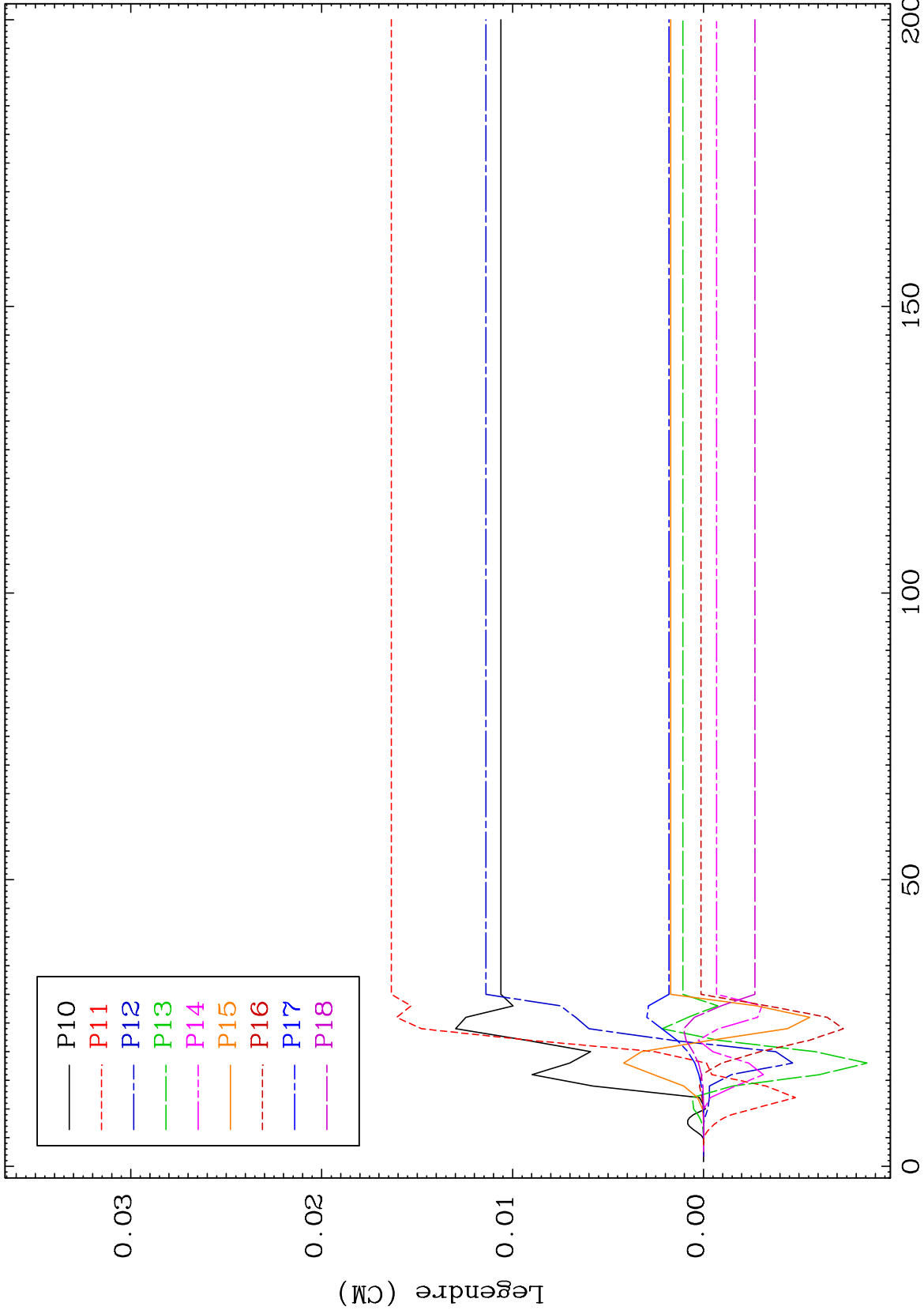
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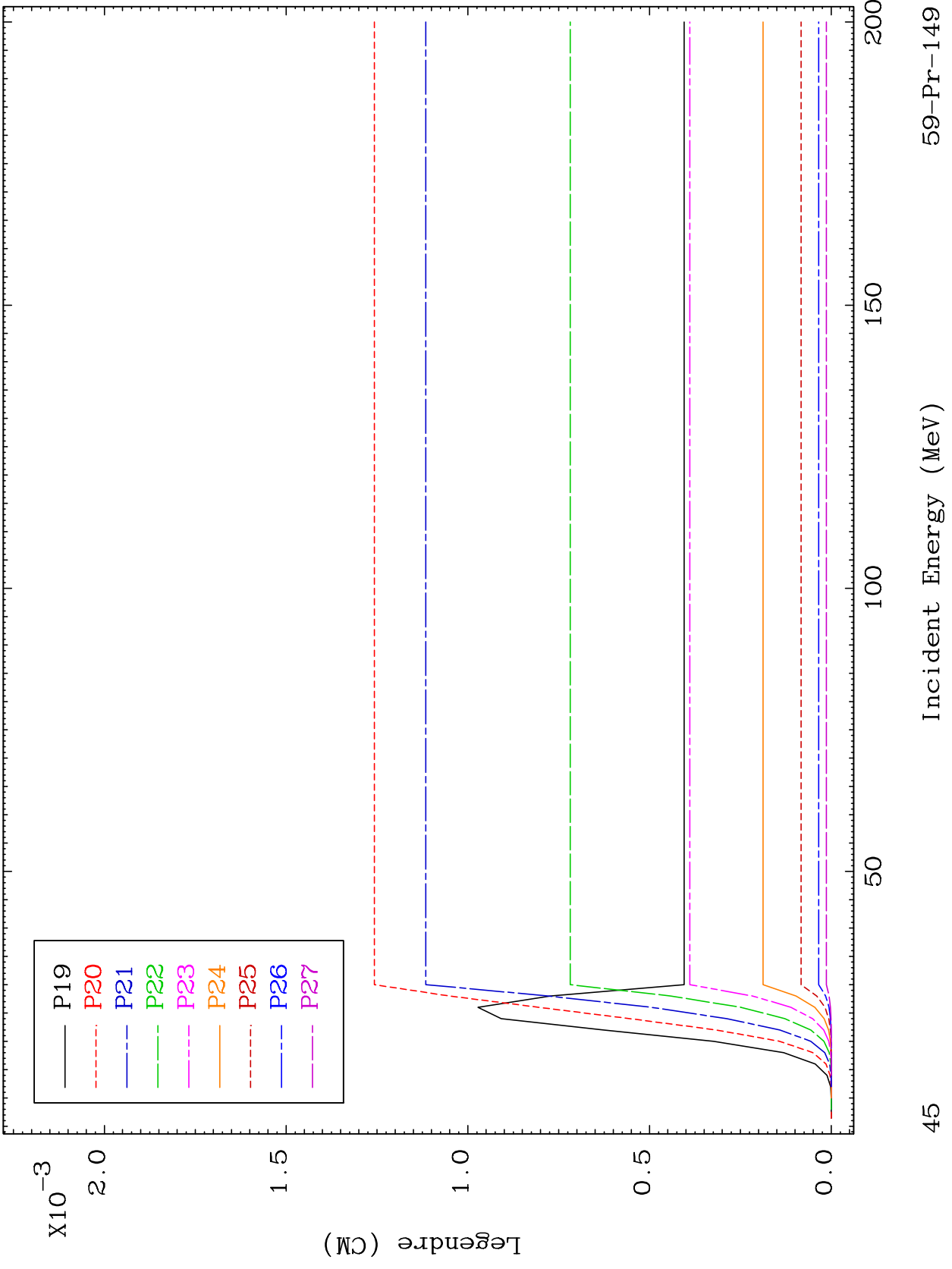


59-Pr-149

Incident Energy (MeV)

43

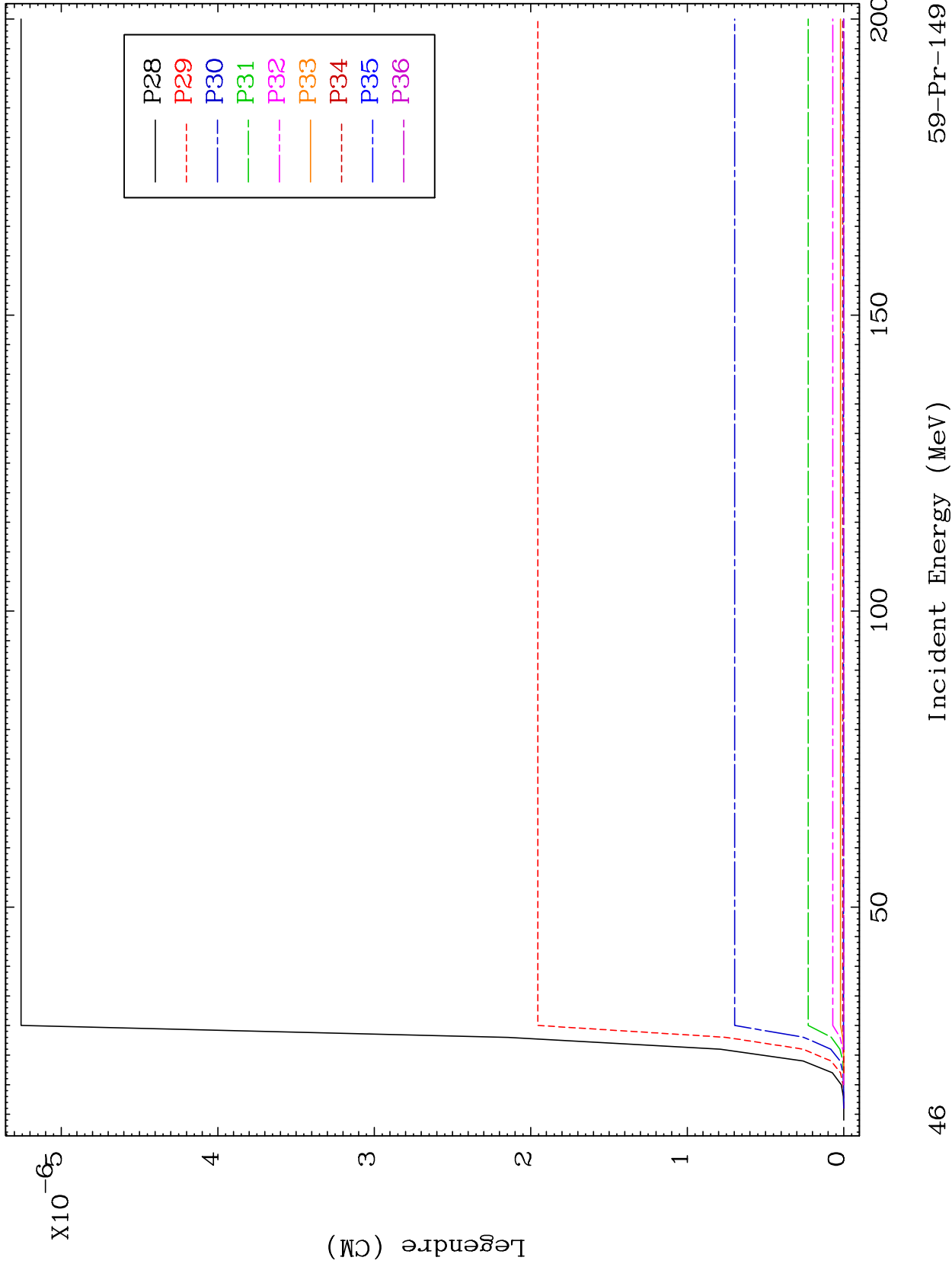




MAT 5949

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

59-Pr-149



46

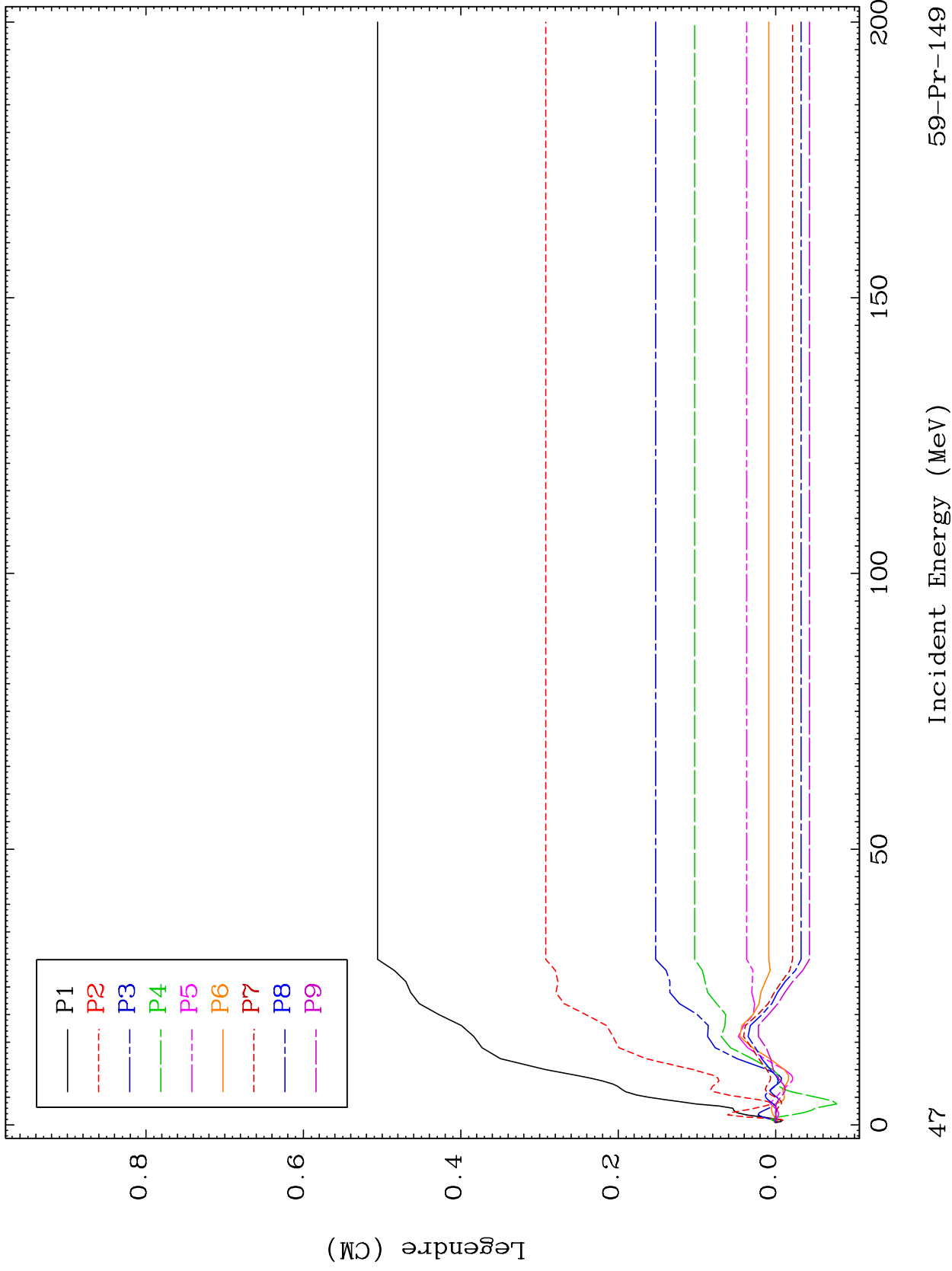
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

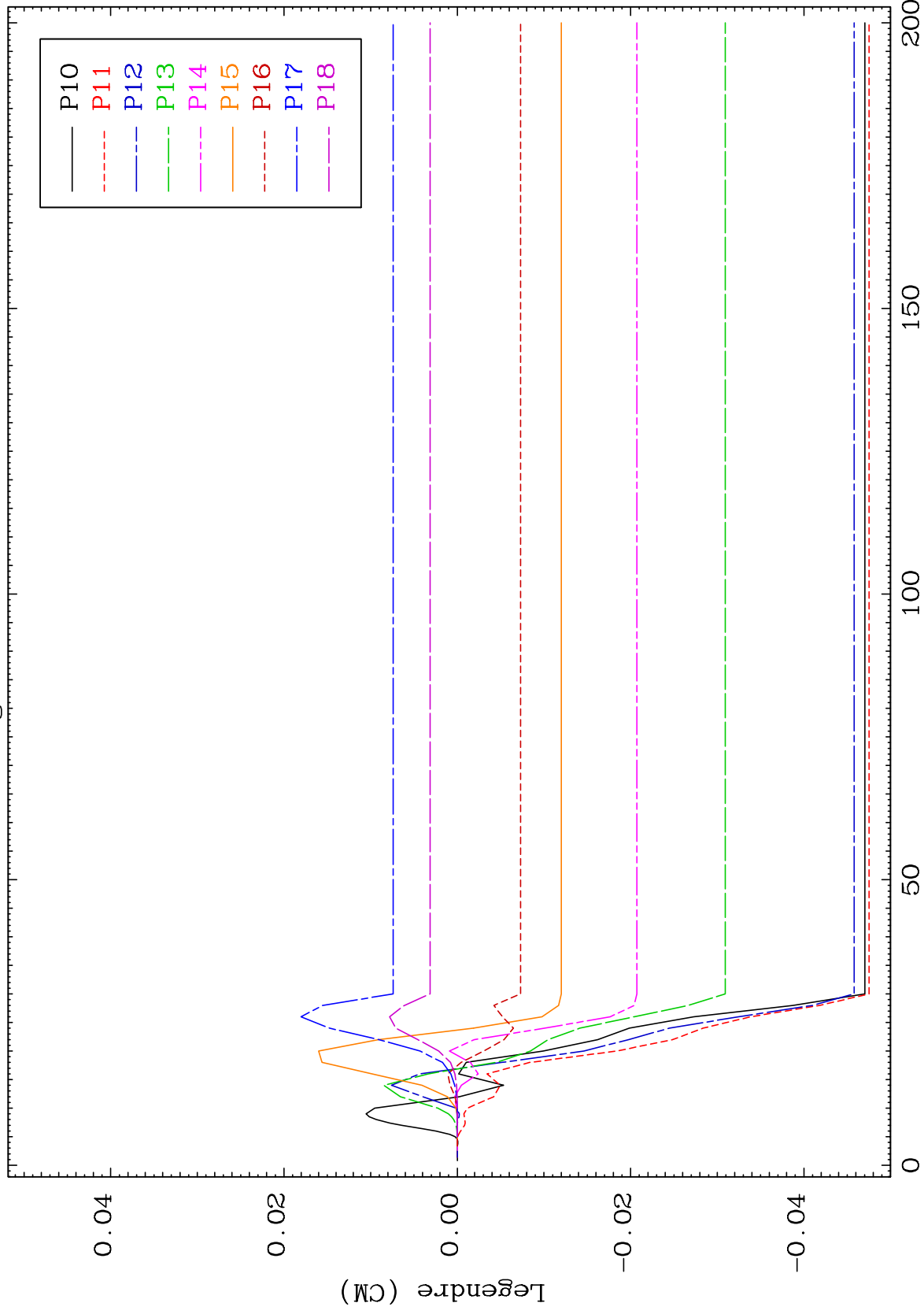
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MAT 5949

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

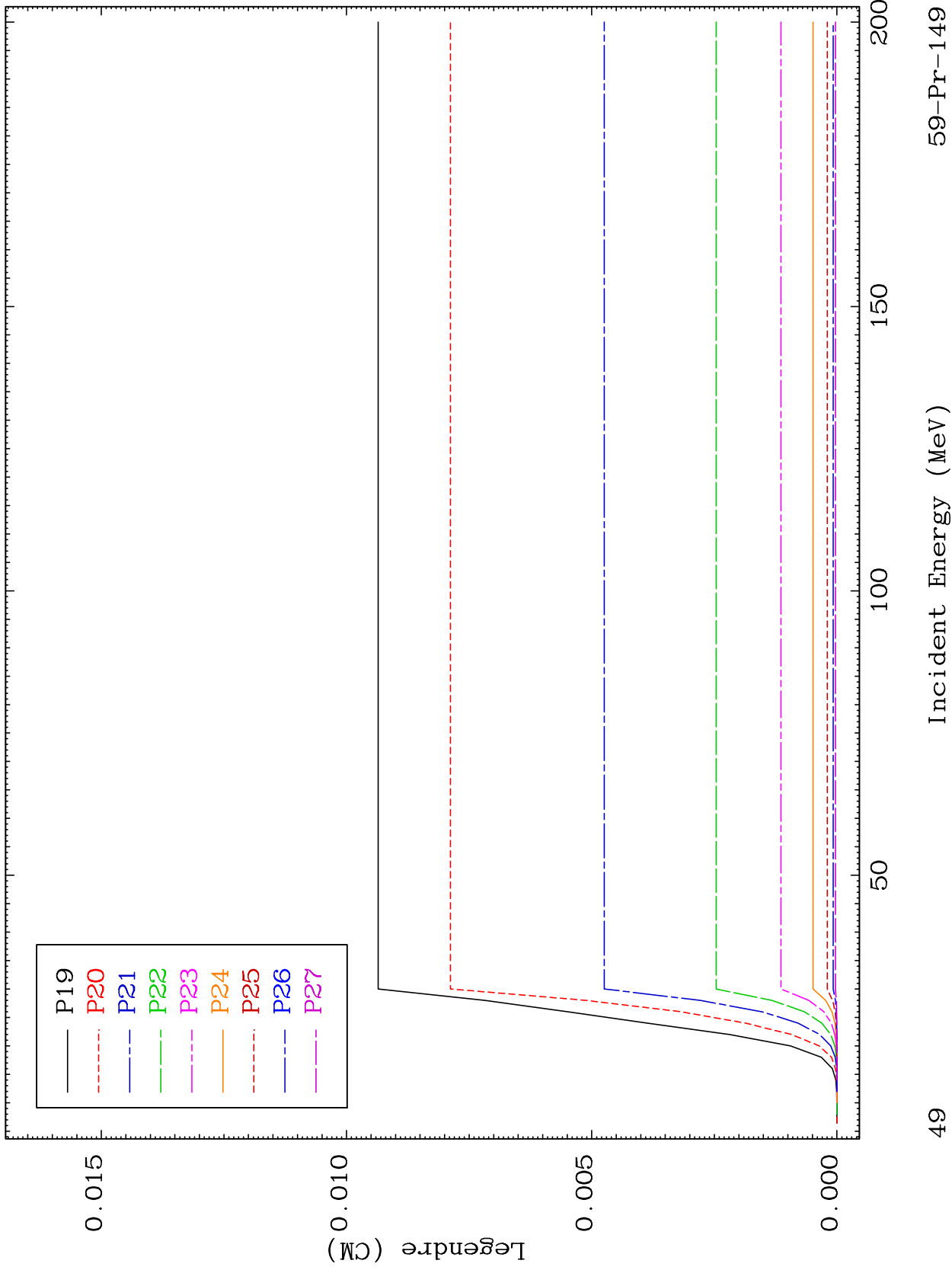
59-Pr-149



59-Pr-149

Incident Energy (MeV)

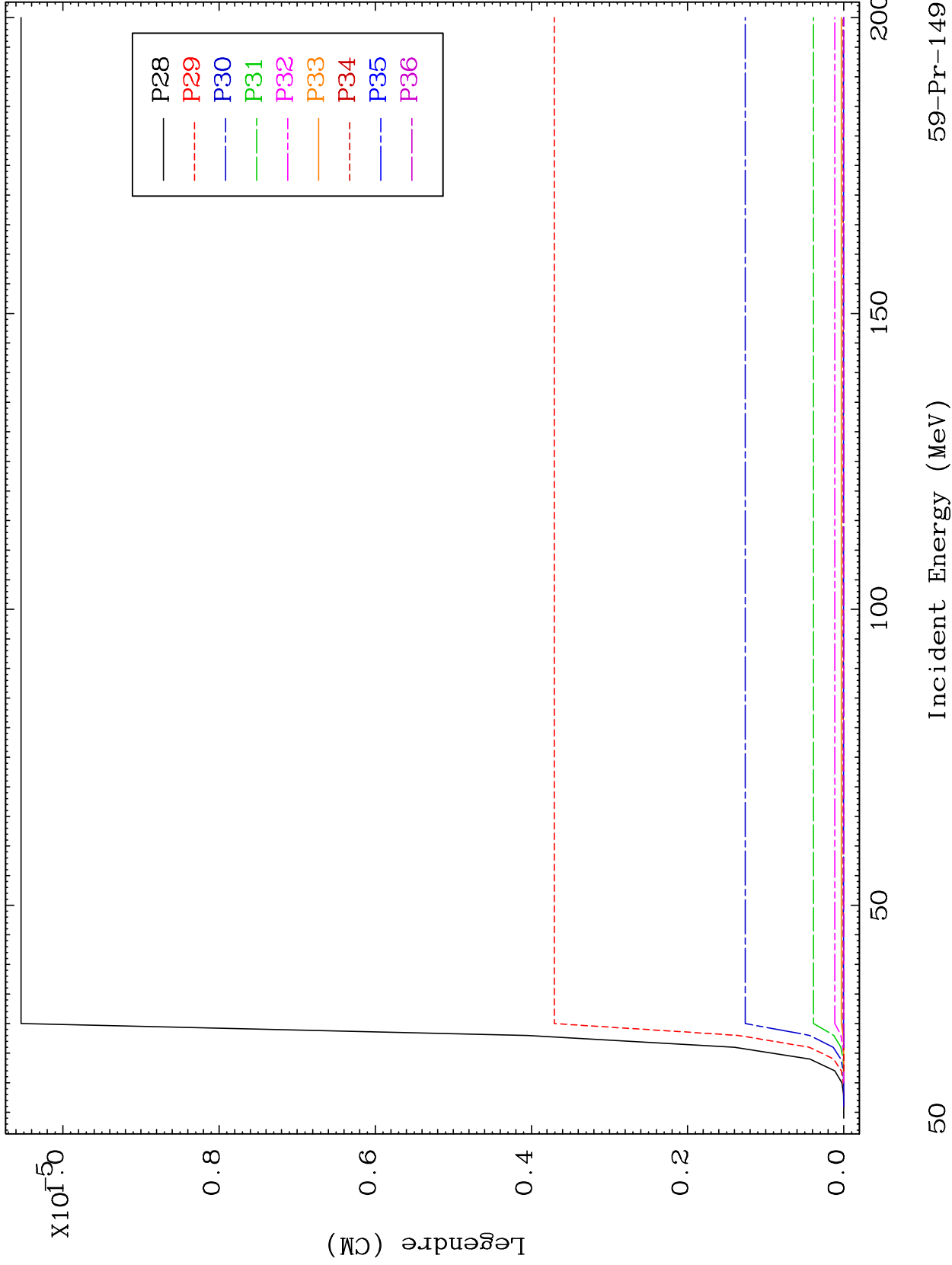
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MAT 5949

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

59-Pr-149

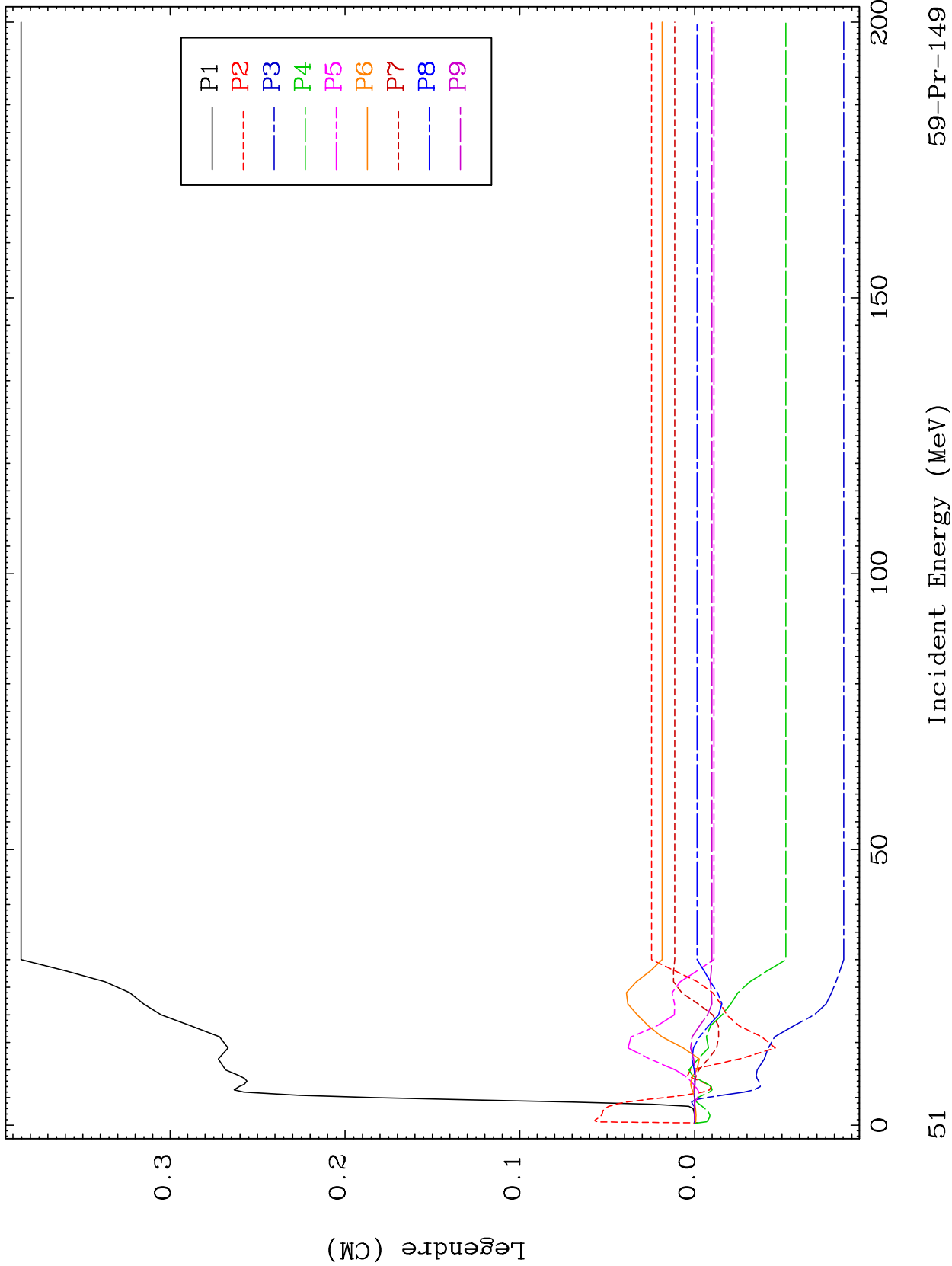


59-Pr-149

MAT 5949

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

59-Pr-149



59-Pr-149

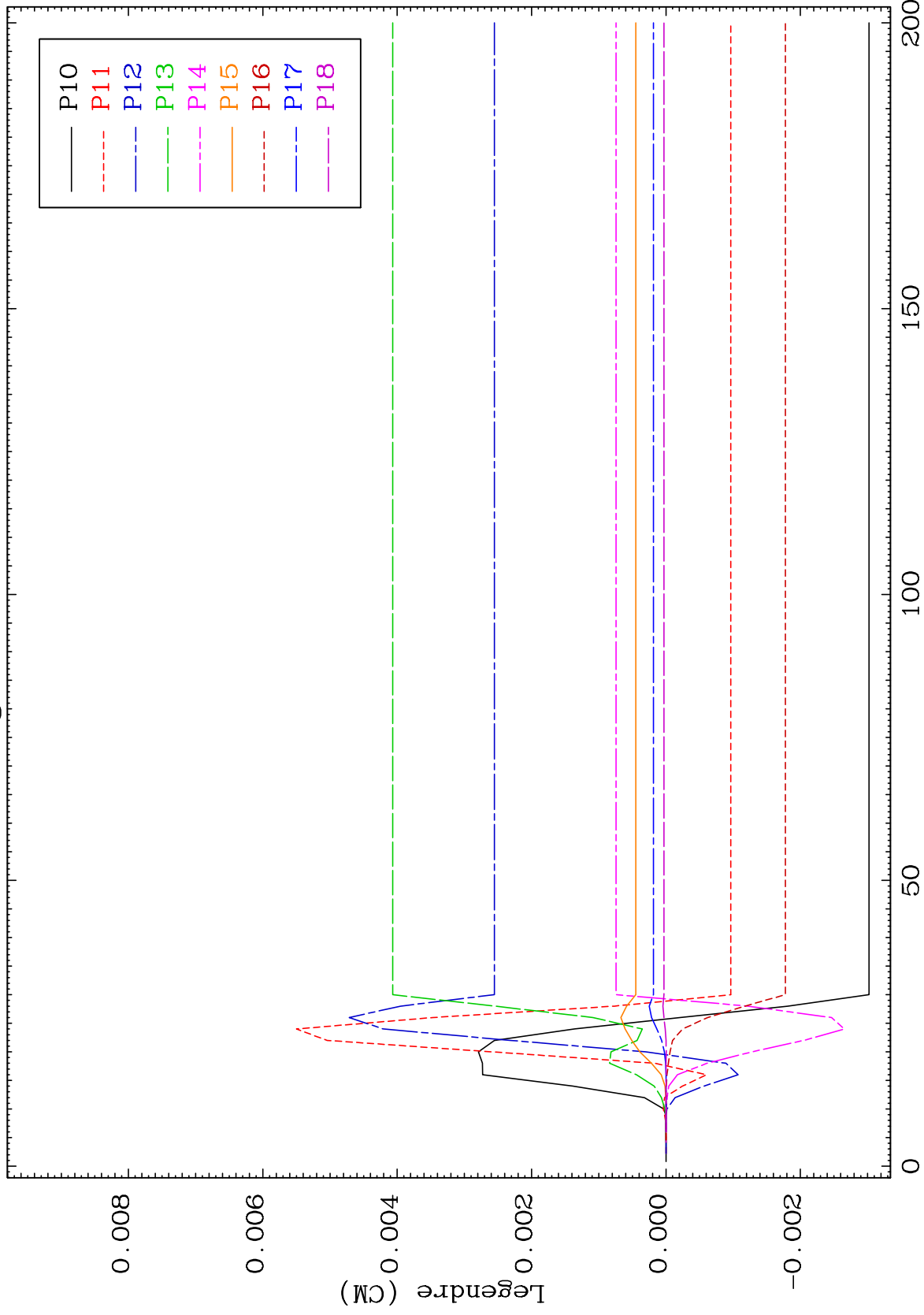
Incident Energy (MeV)

51

MAT 5949

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

59-Pr-149



52

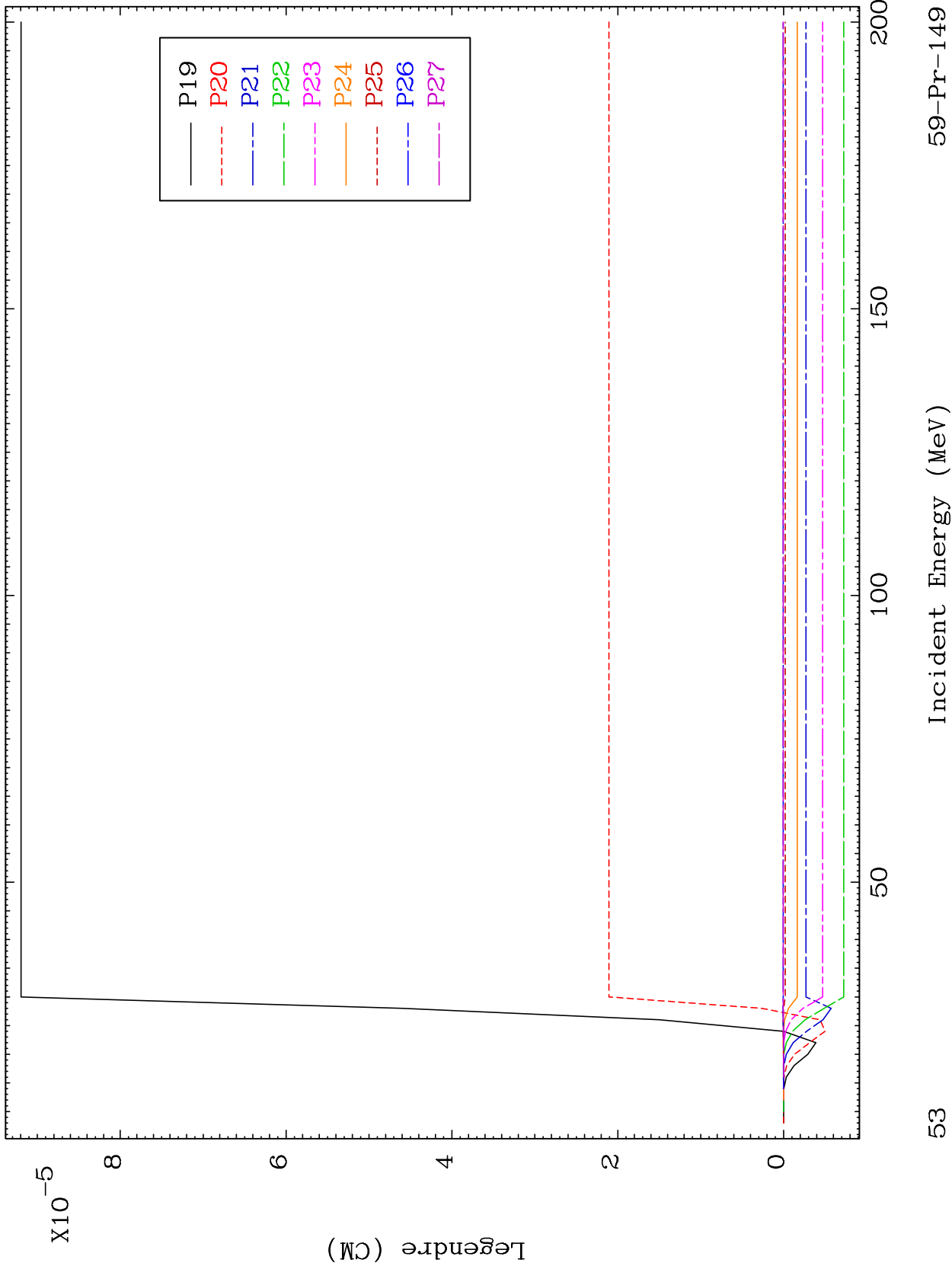
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

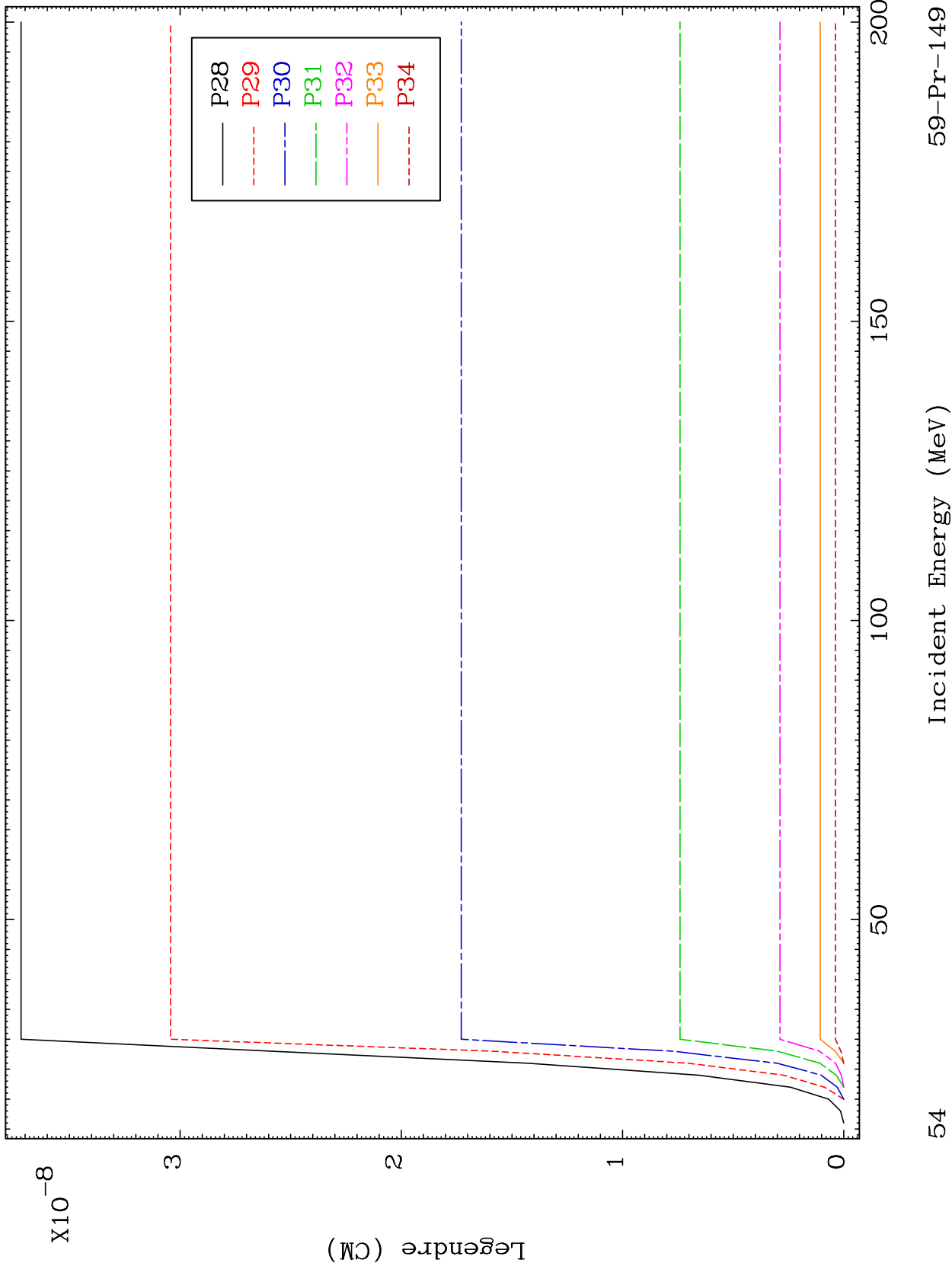
59-Pr-149



MAT 5949

59-Pr-149

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



54

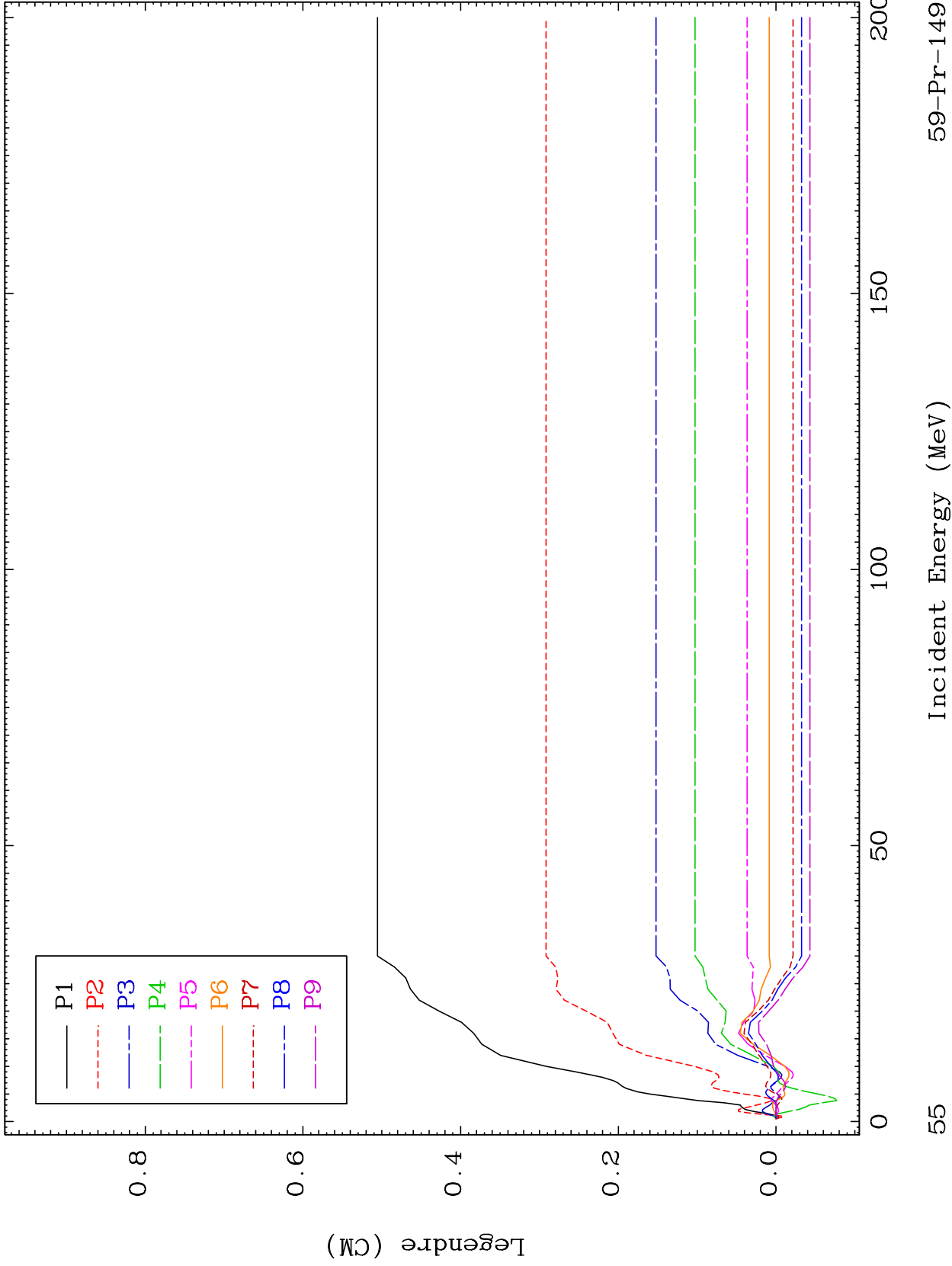
59-Pr-149

Incident Energy (MeV)

MAT 5949

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

59-Pr-149



59-Pr-149

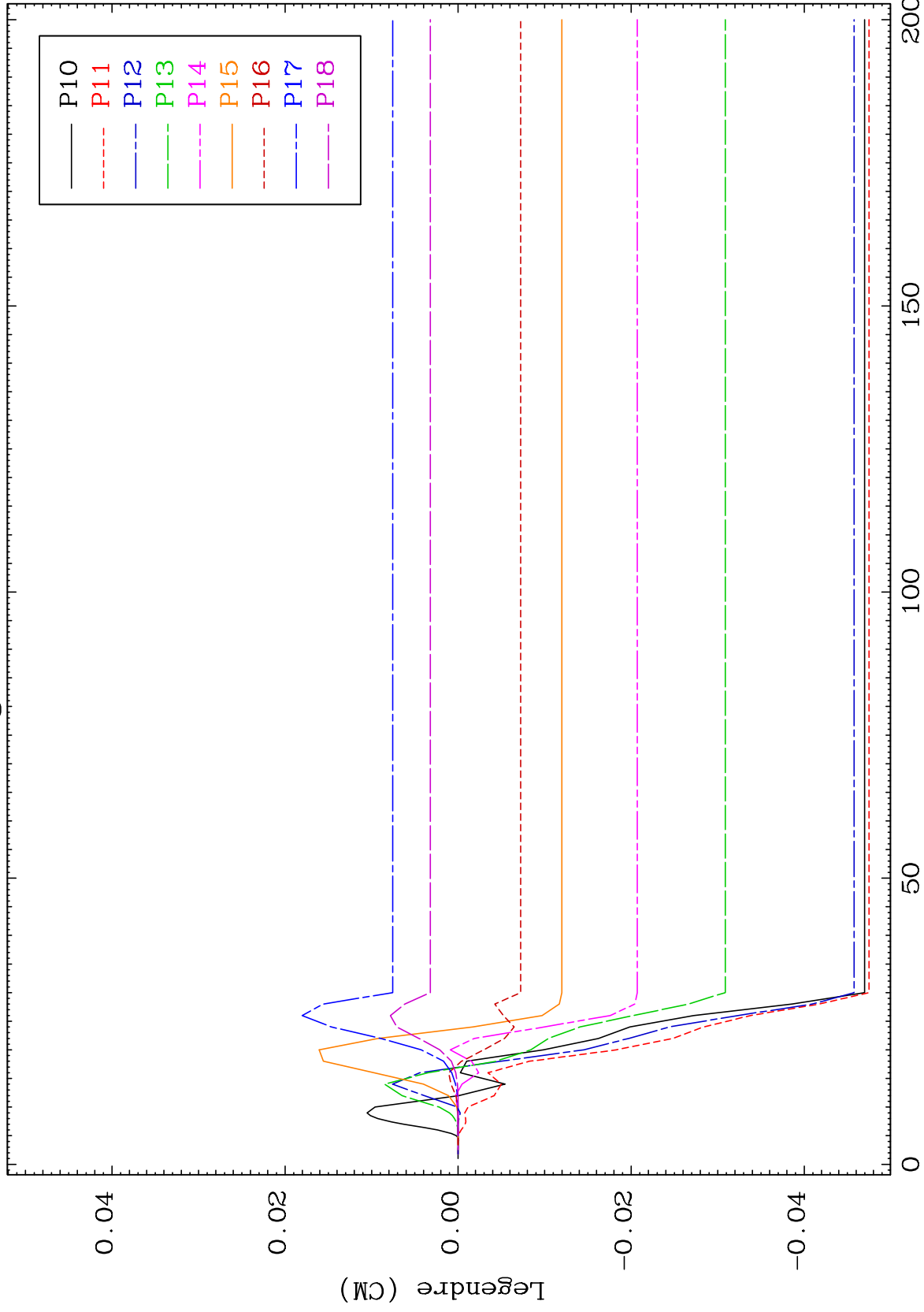
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55

MAT 5949

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

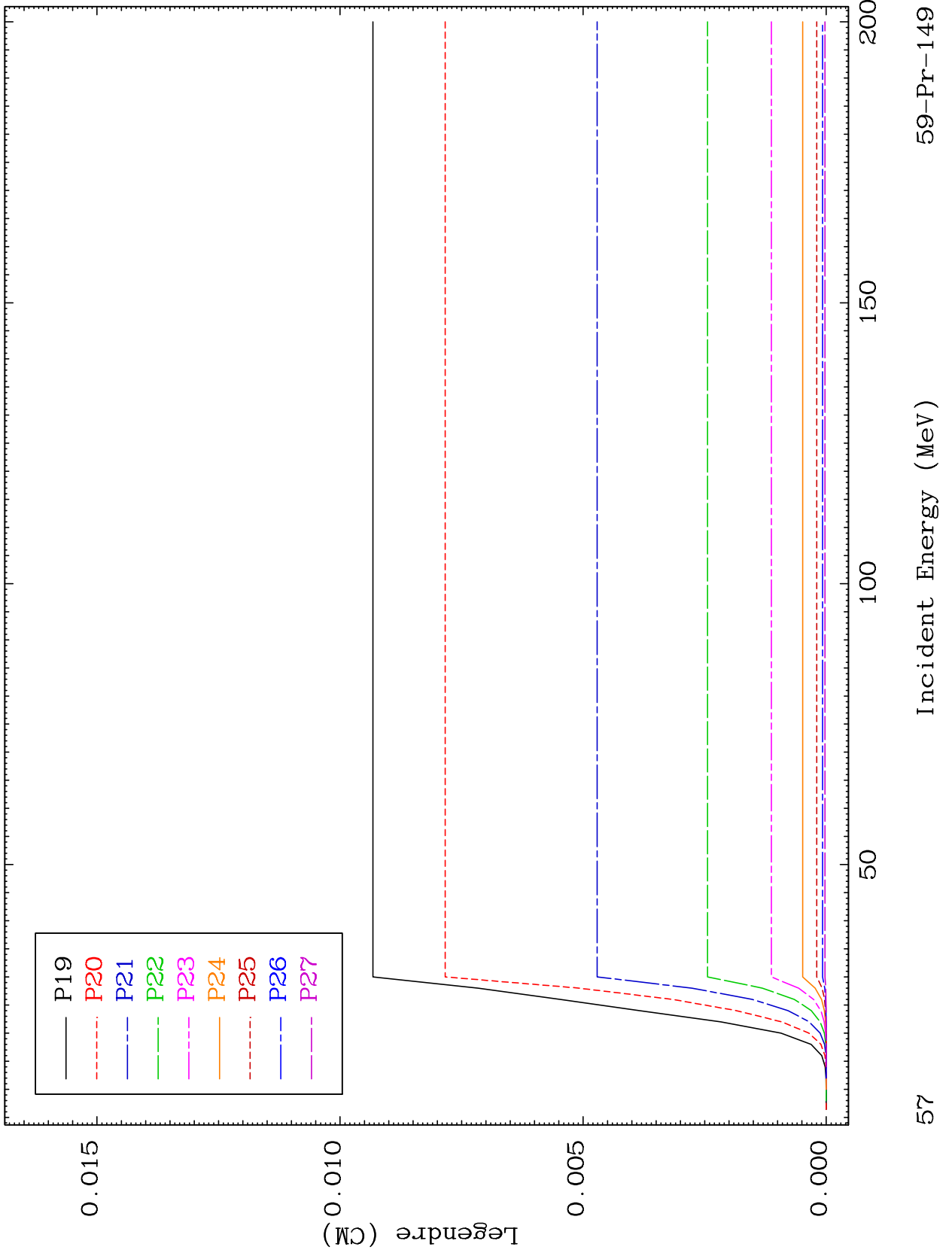
59-Pr-149



56

Incident Energy (MeV)

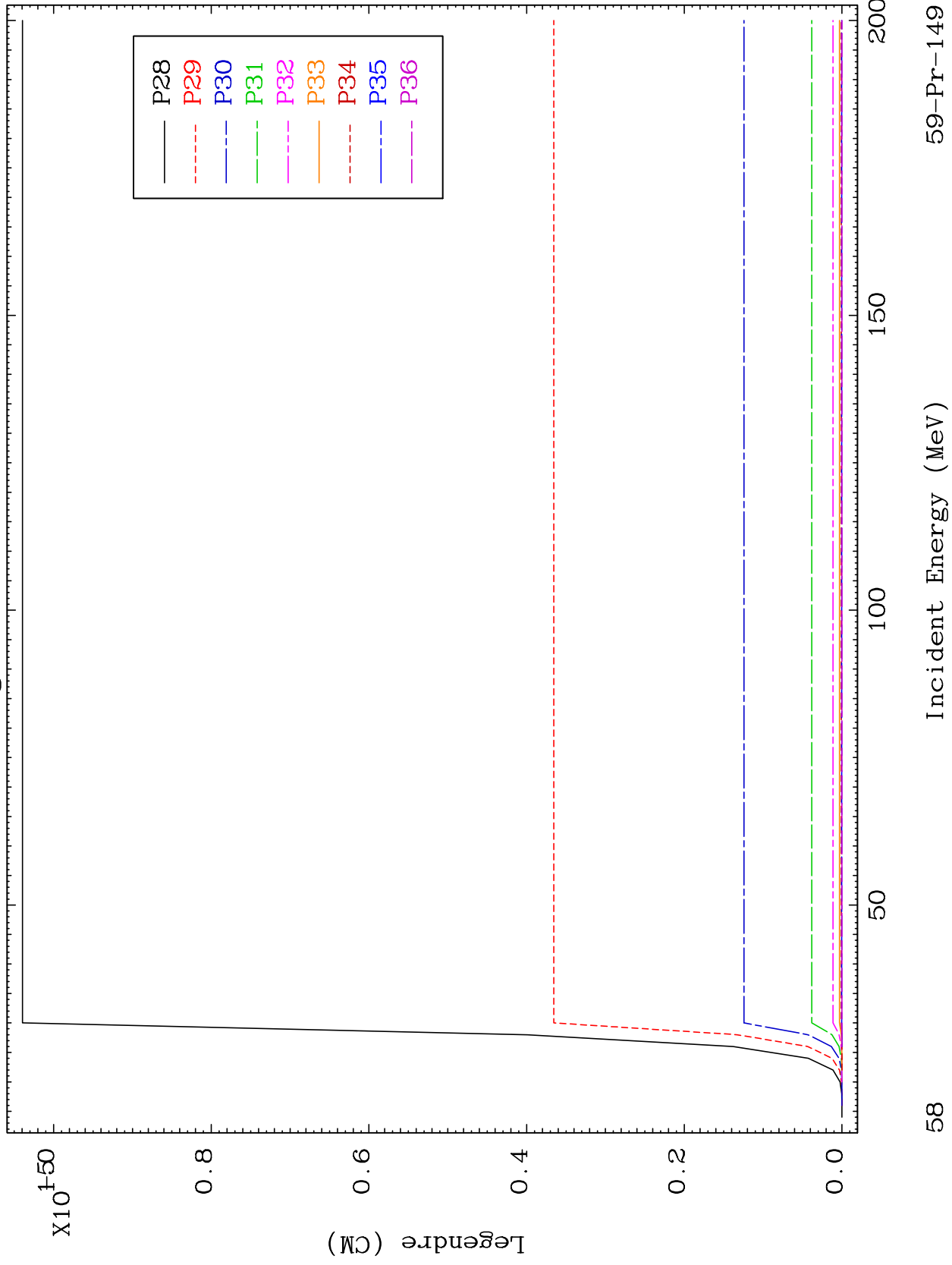
59-Pr-149



MAT 5949

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

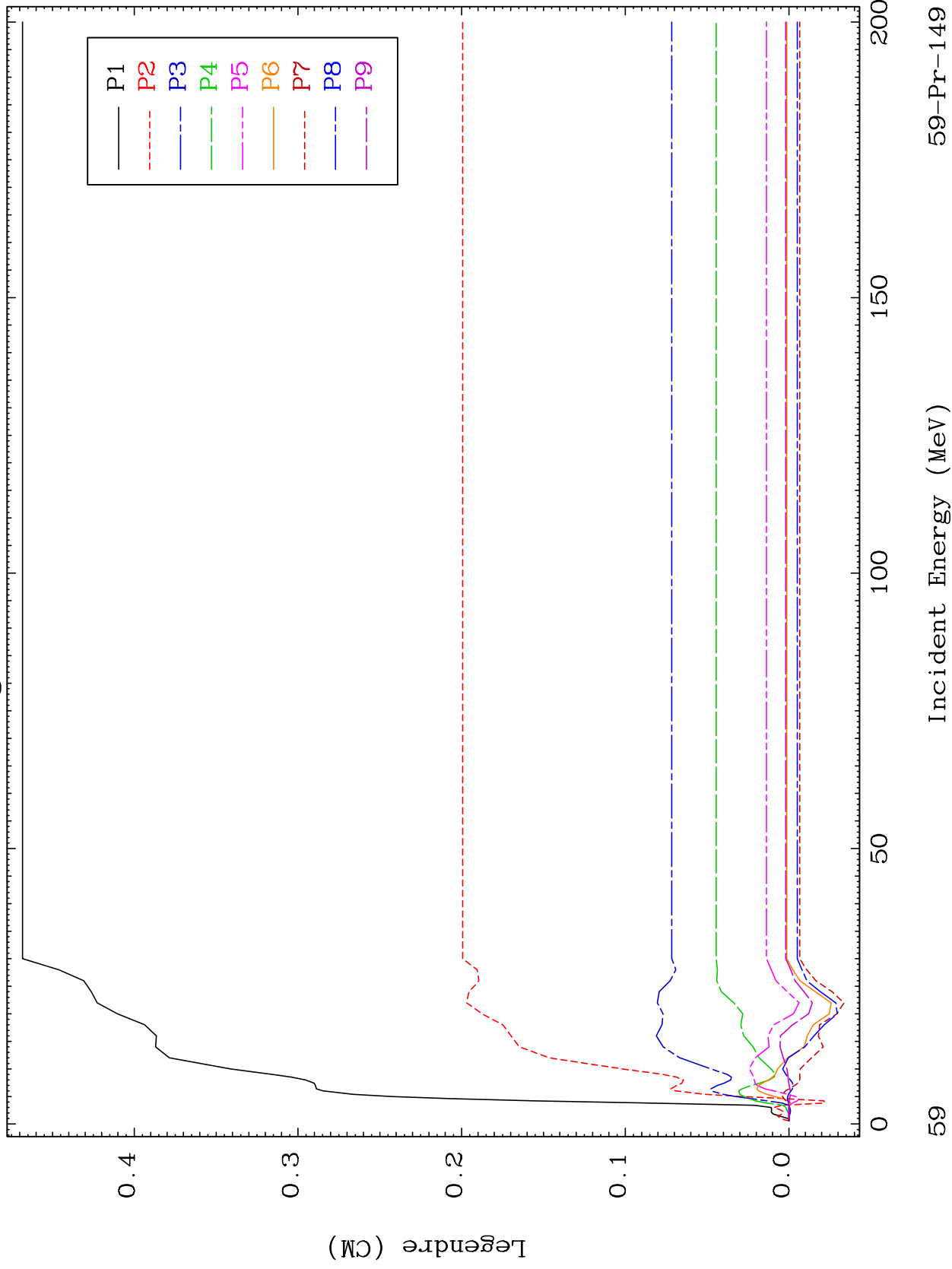
59-Pr-149



MAT 5949

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

59-Pr-149



59-Pr-149

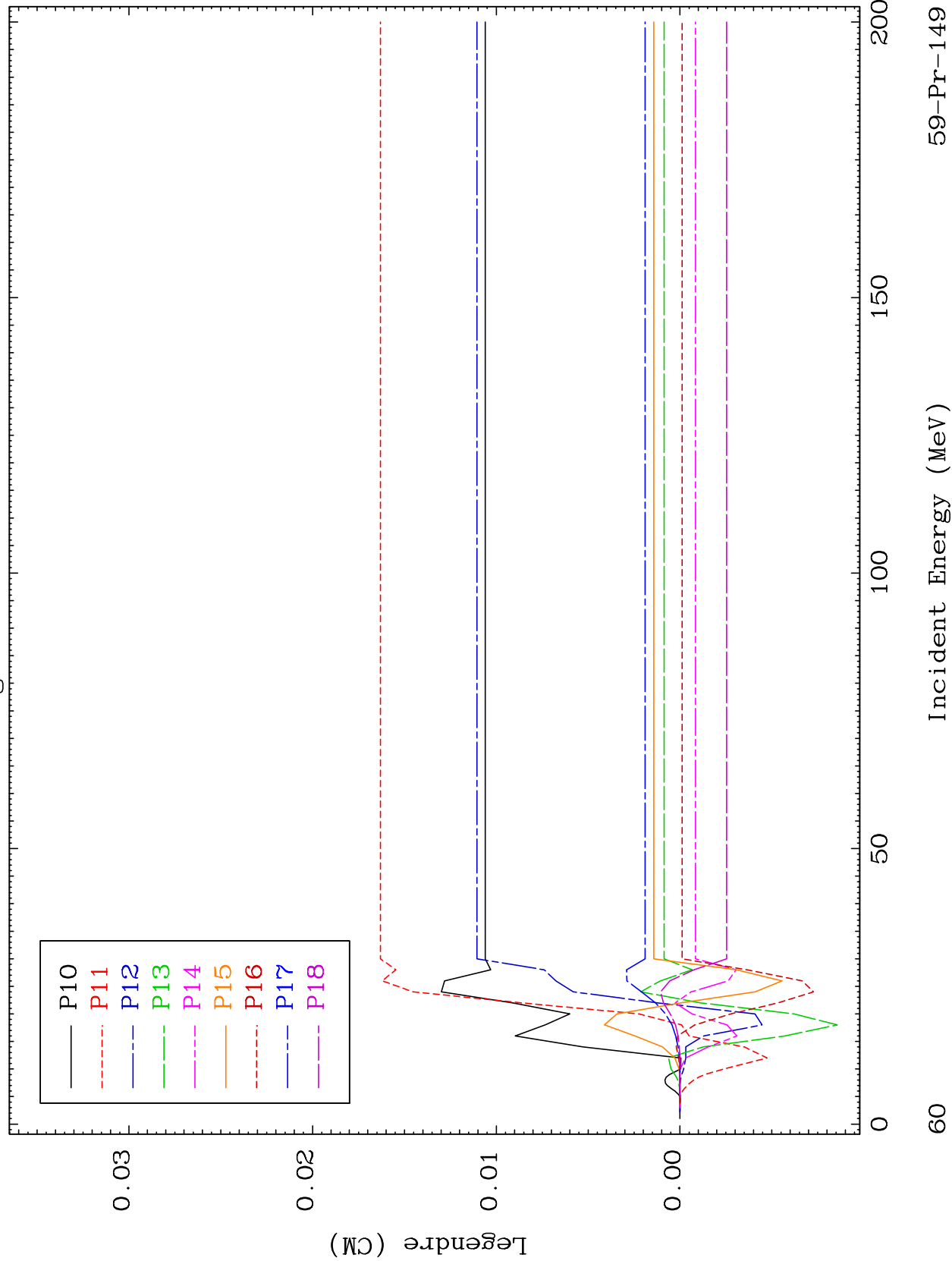
Incident Energy (MeV)

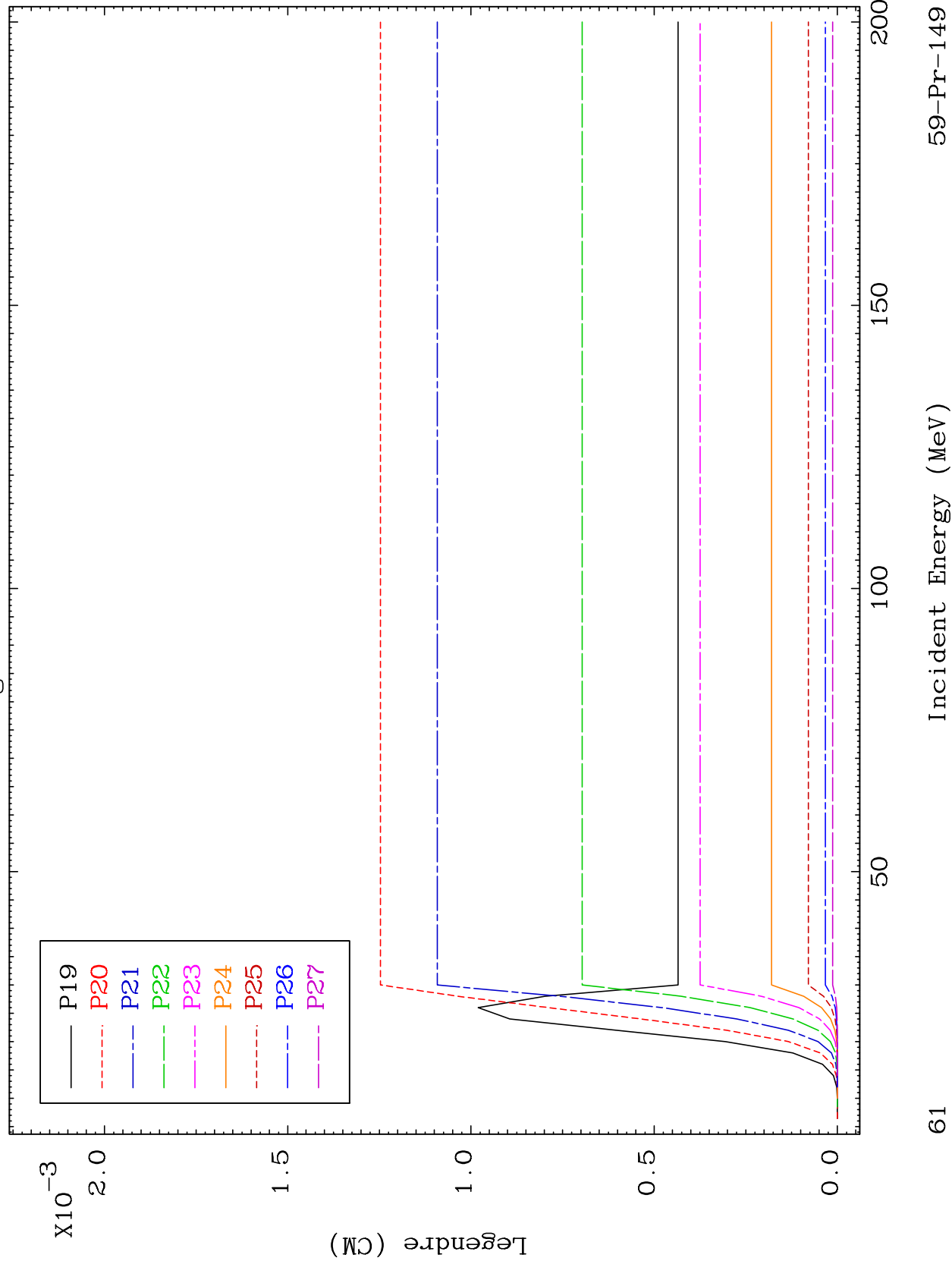
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MAT 5949

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

59-Pr-149

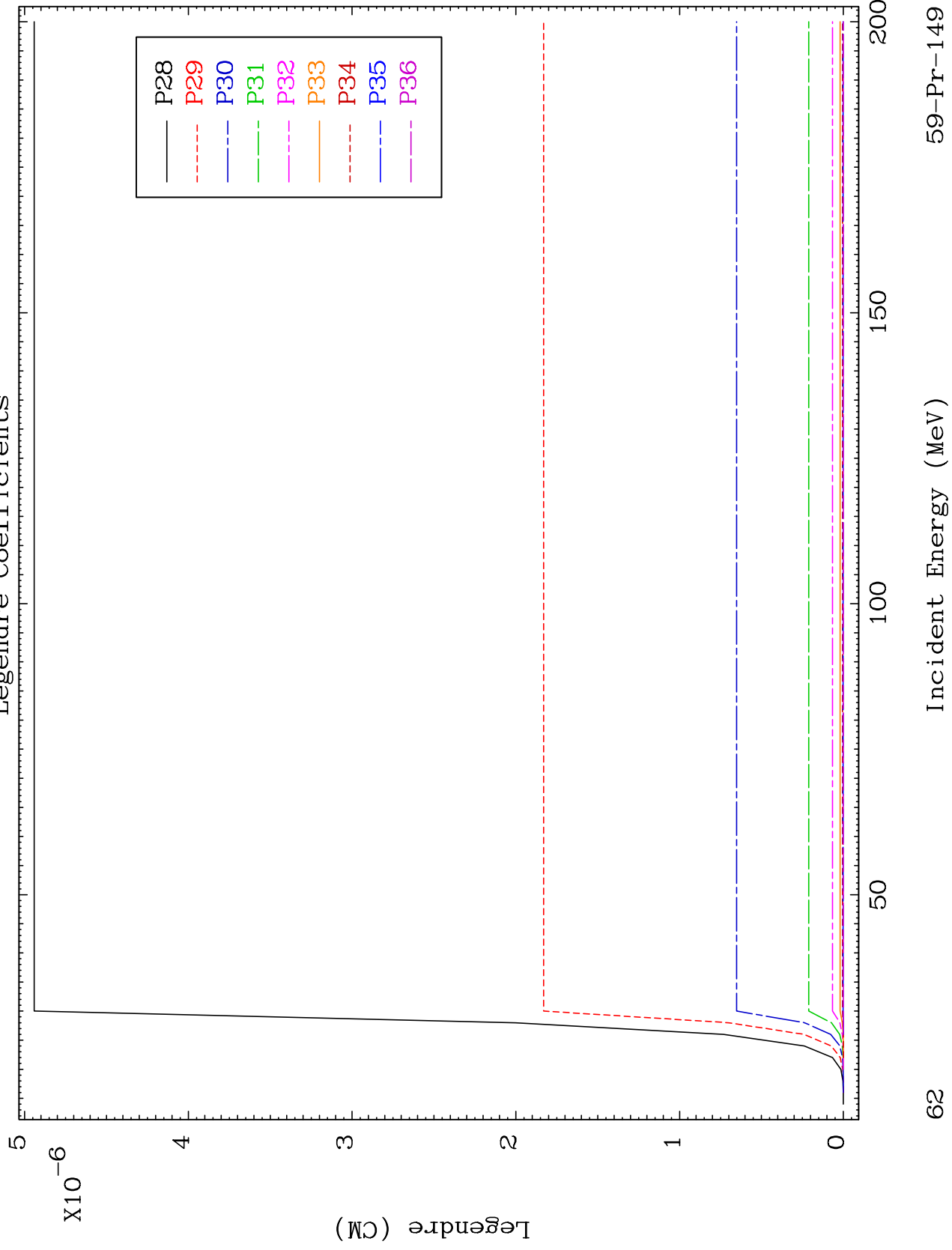




MAT 5949

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

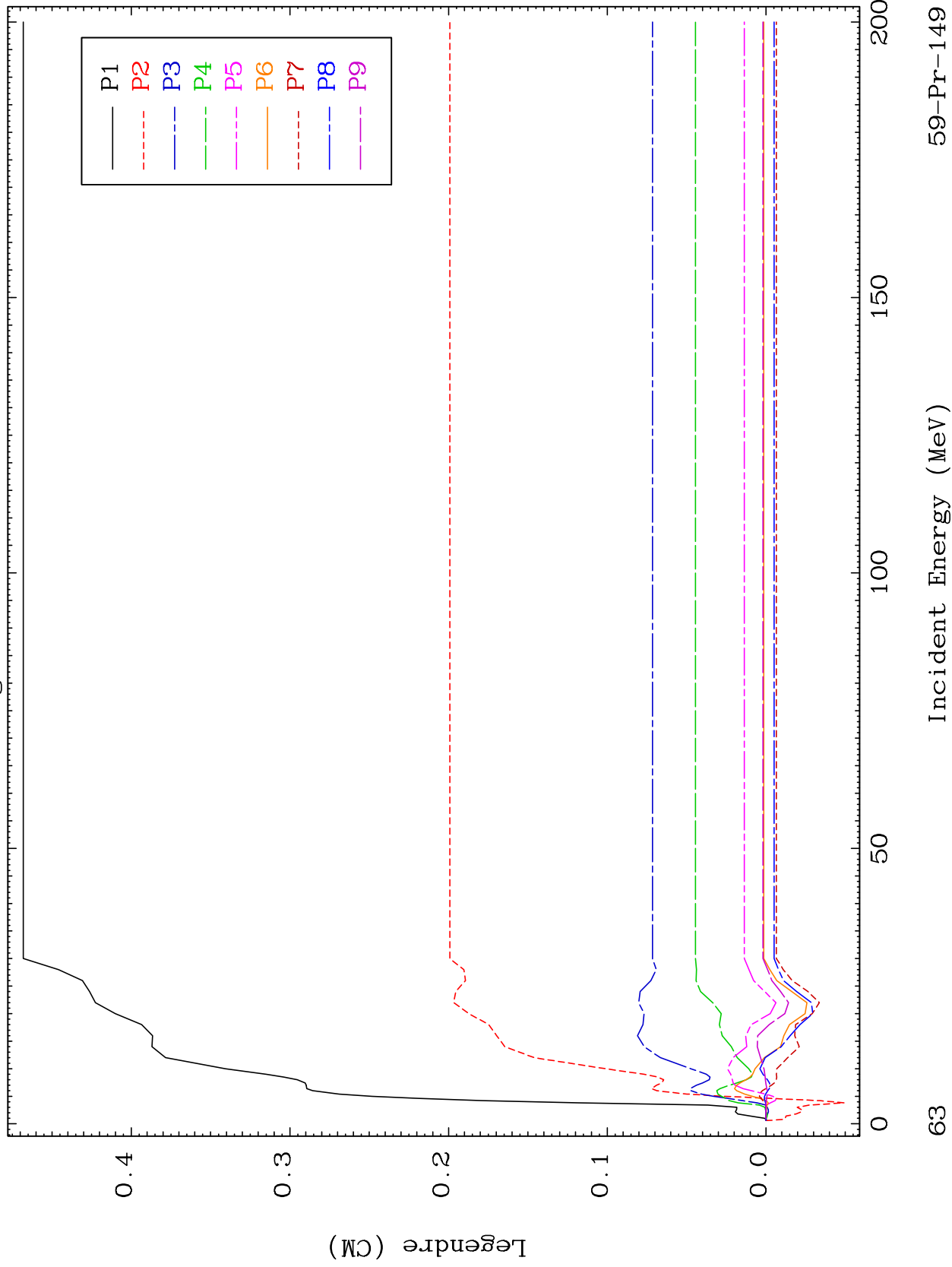
59-Pr-149



MAT 5949

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

59-Pr-149



59-Pr-149

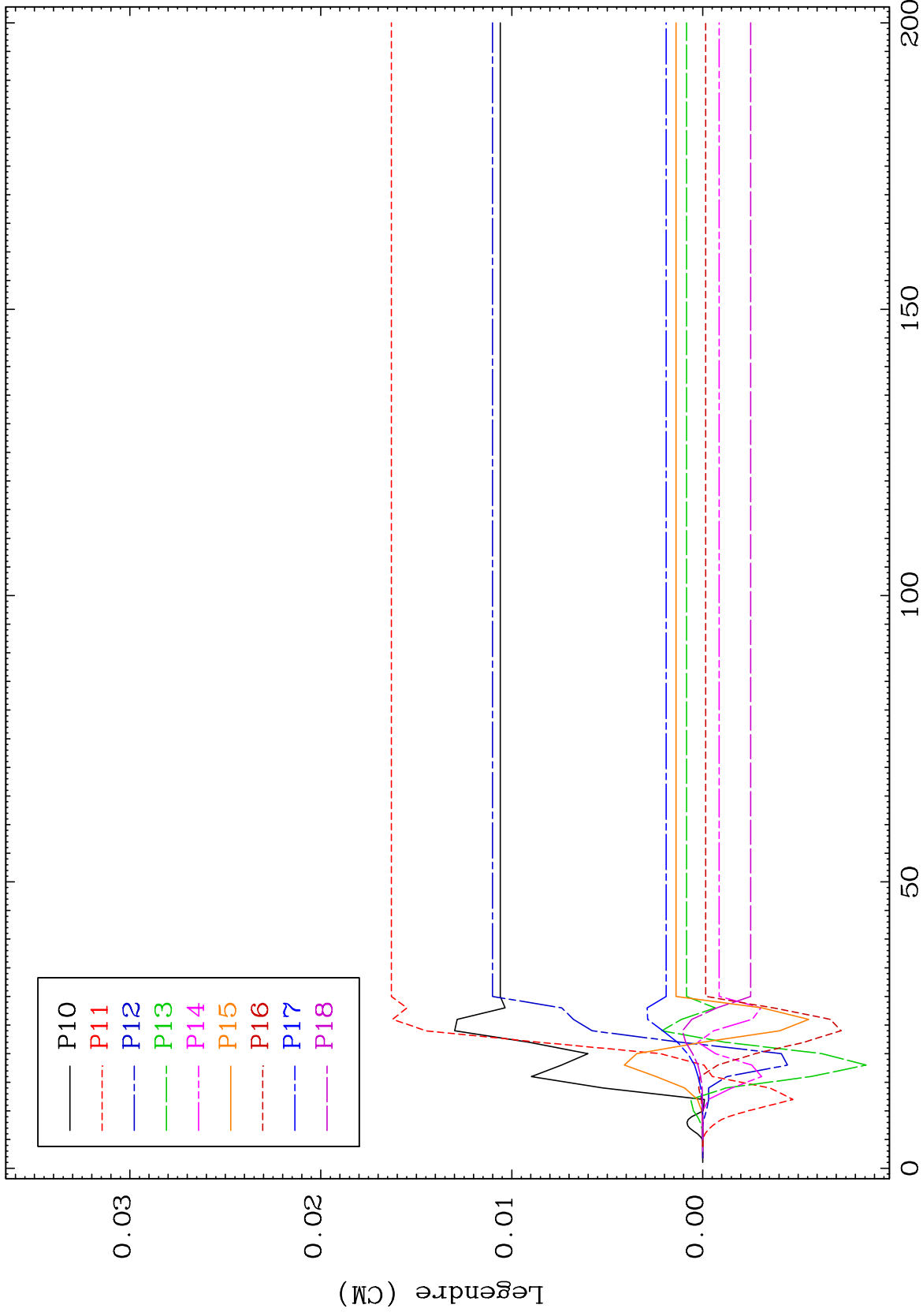
Incident Energy (MeV)

63

MAT 5949

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

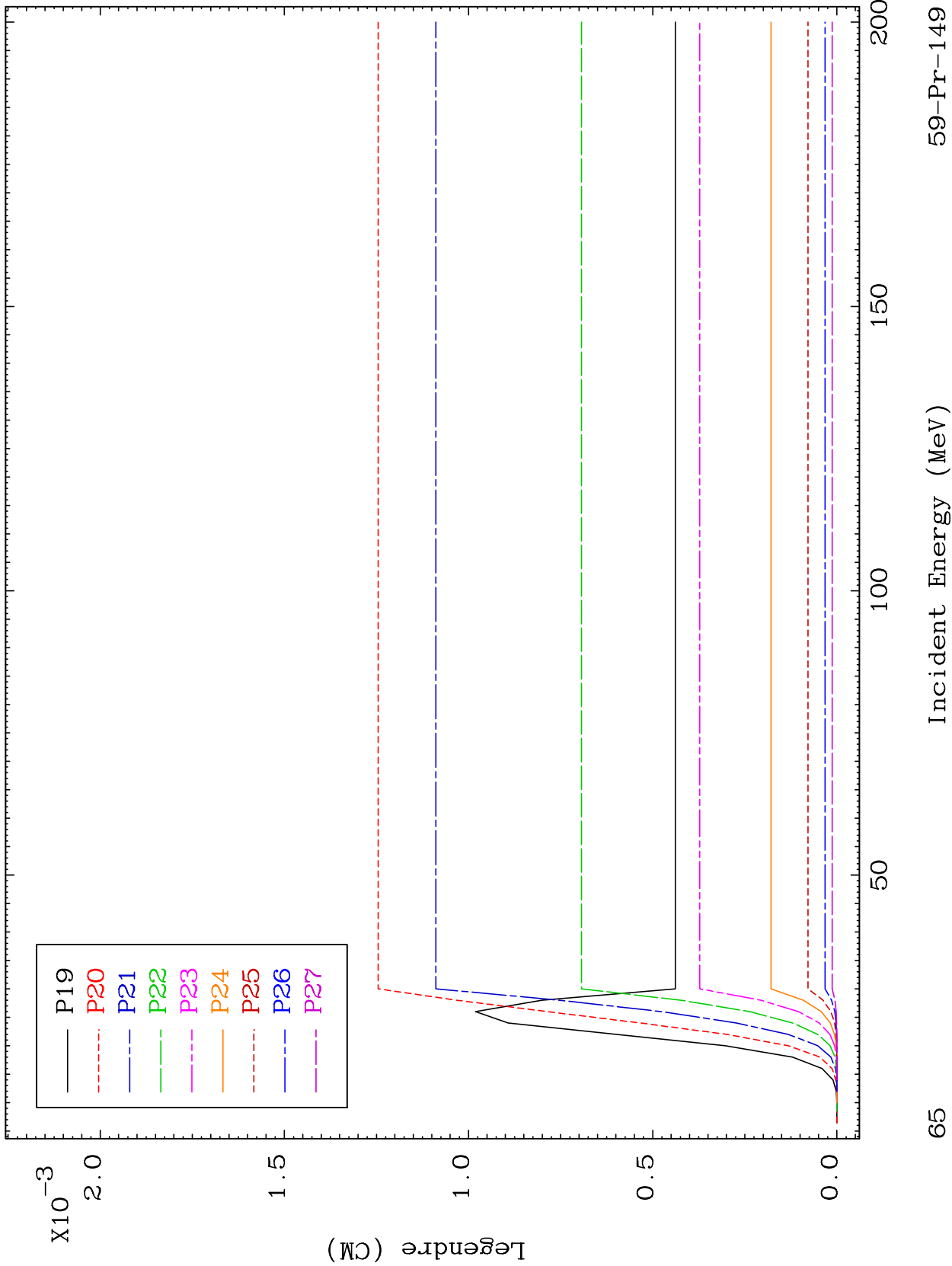
59-Pr-149



64

Incident Energy (MeV)

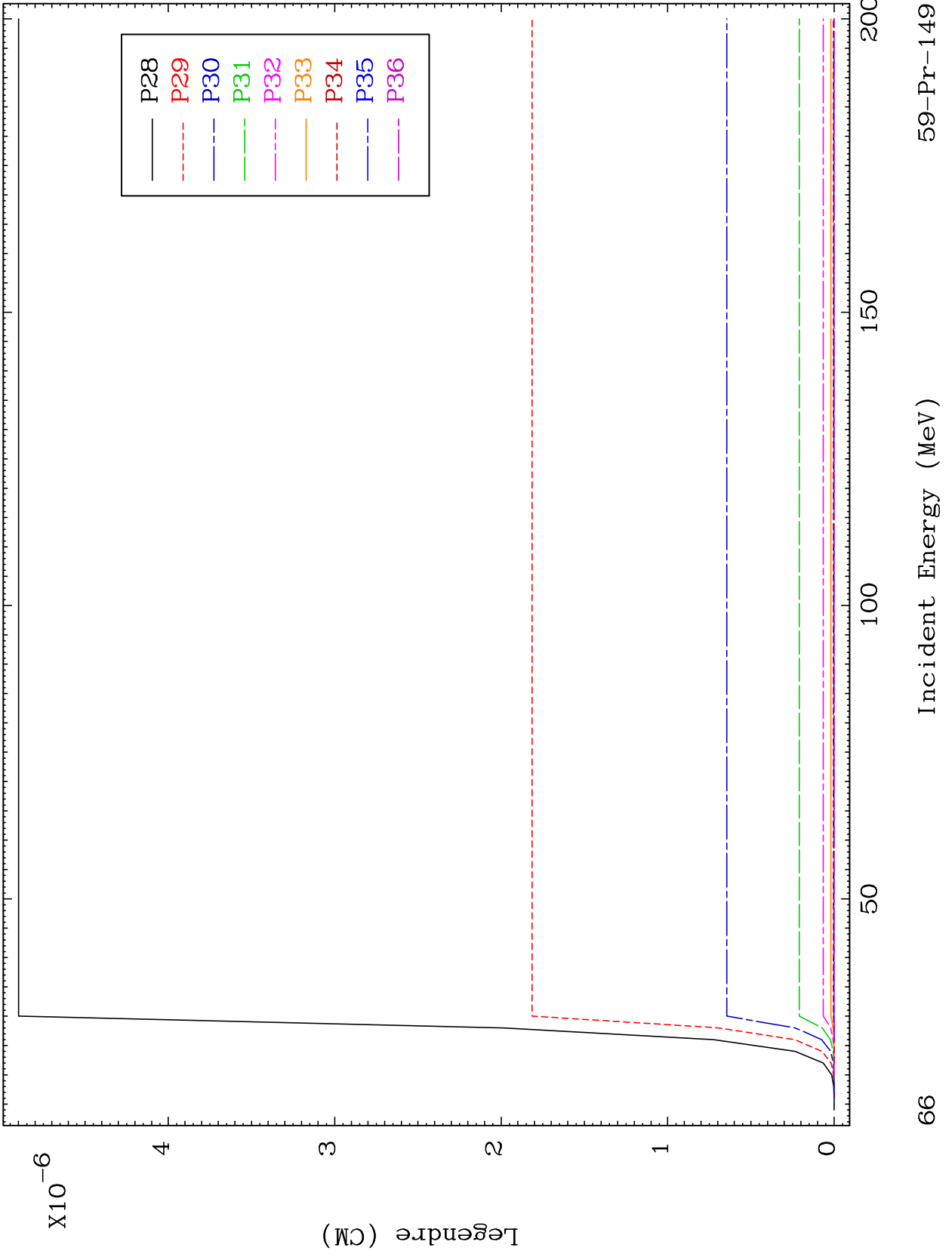
59-Pr-149



MAT 5949

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

59-Pr-149



66

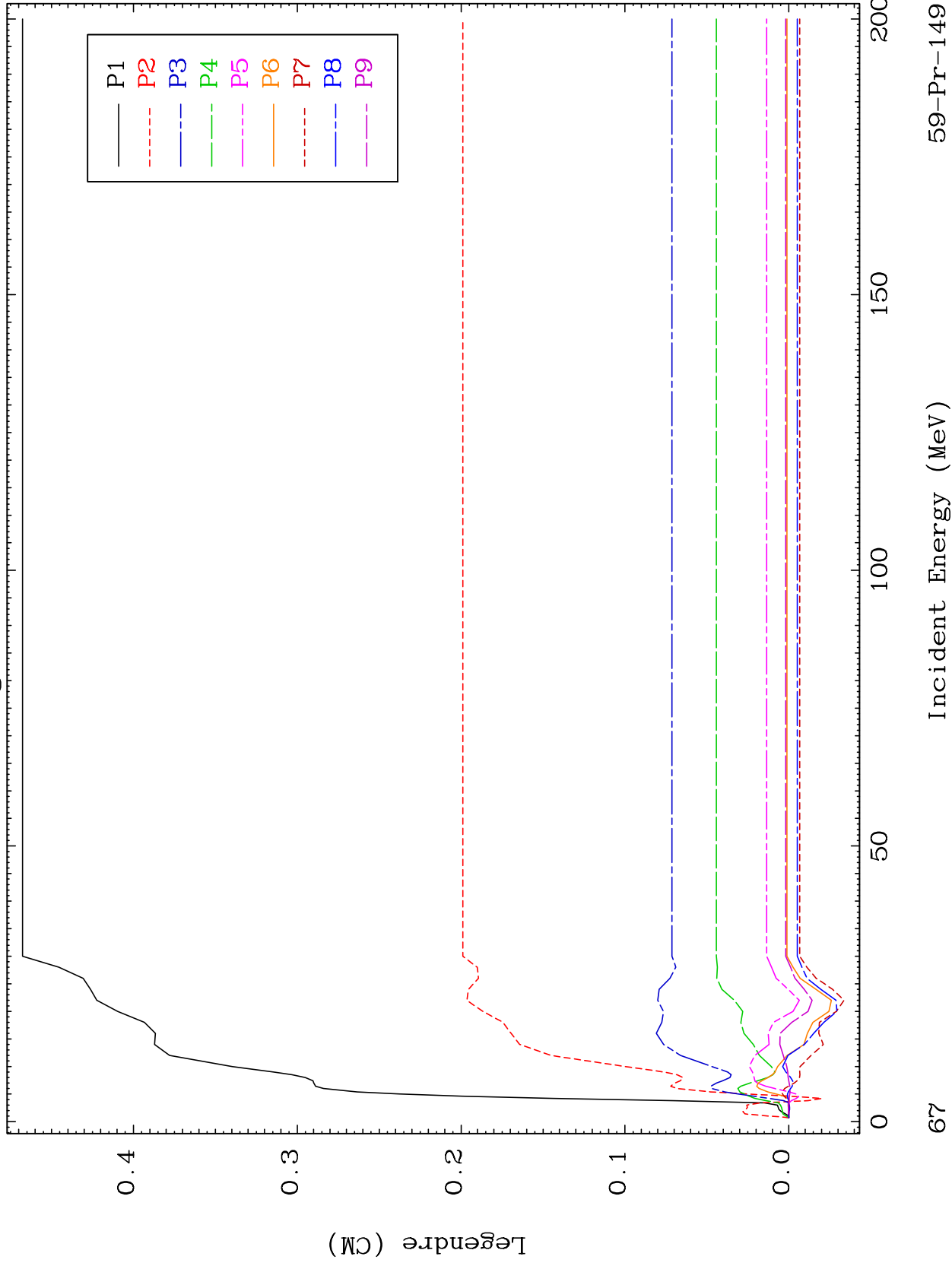
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



59-Pr-149

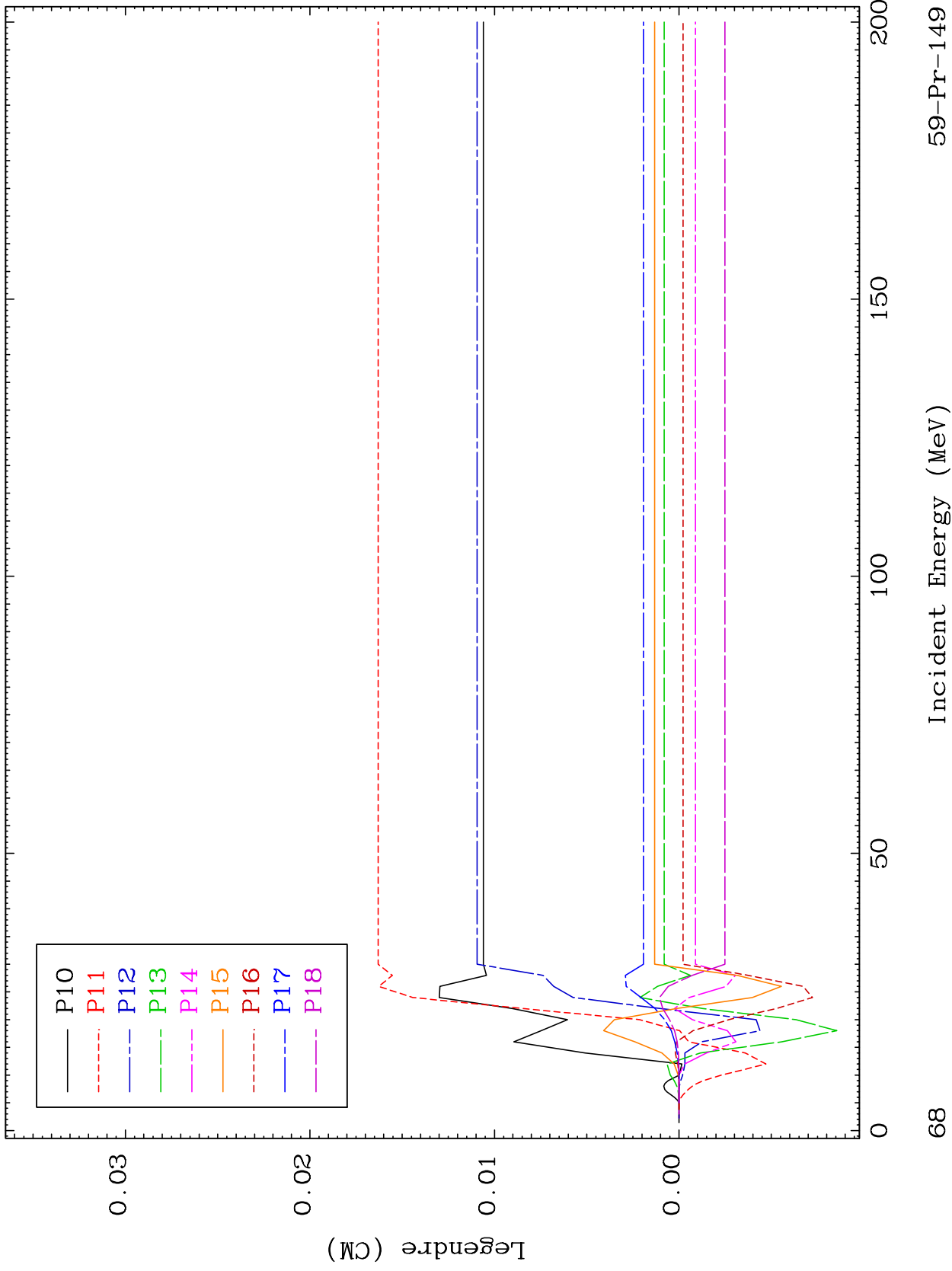
Incident Energy (MeV)

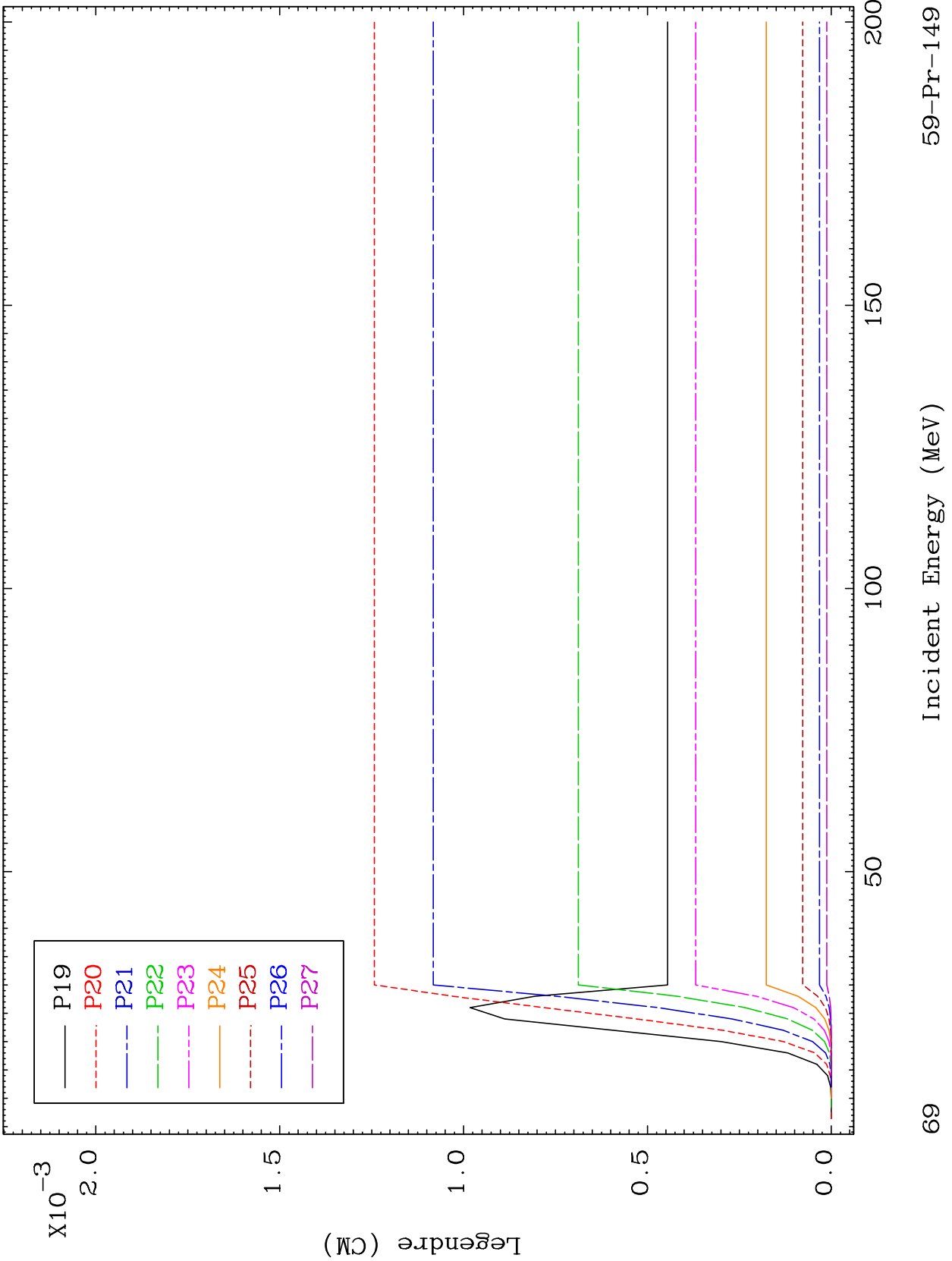
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MAT 5949

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

59-Pr-149

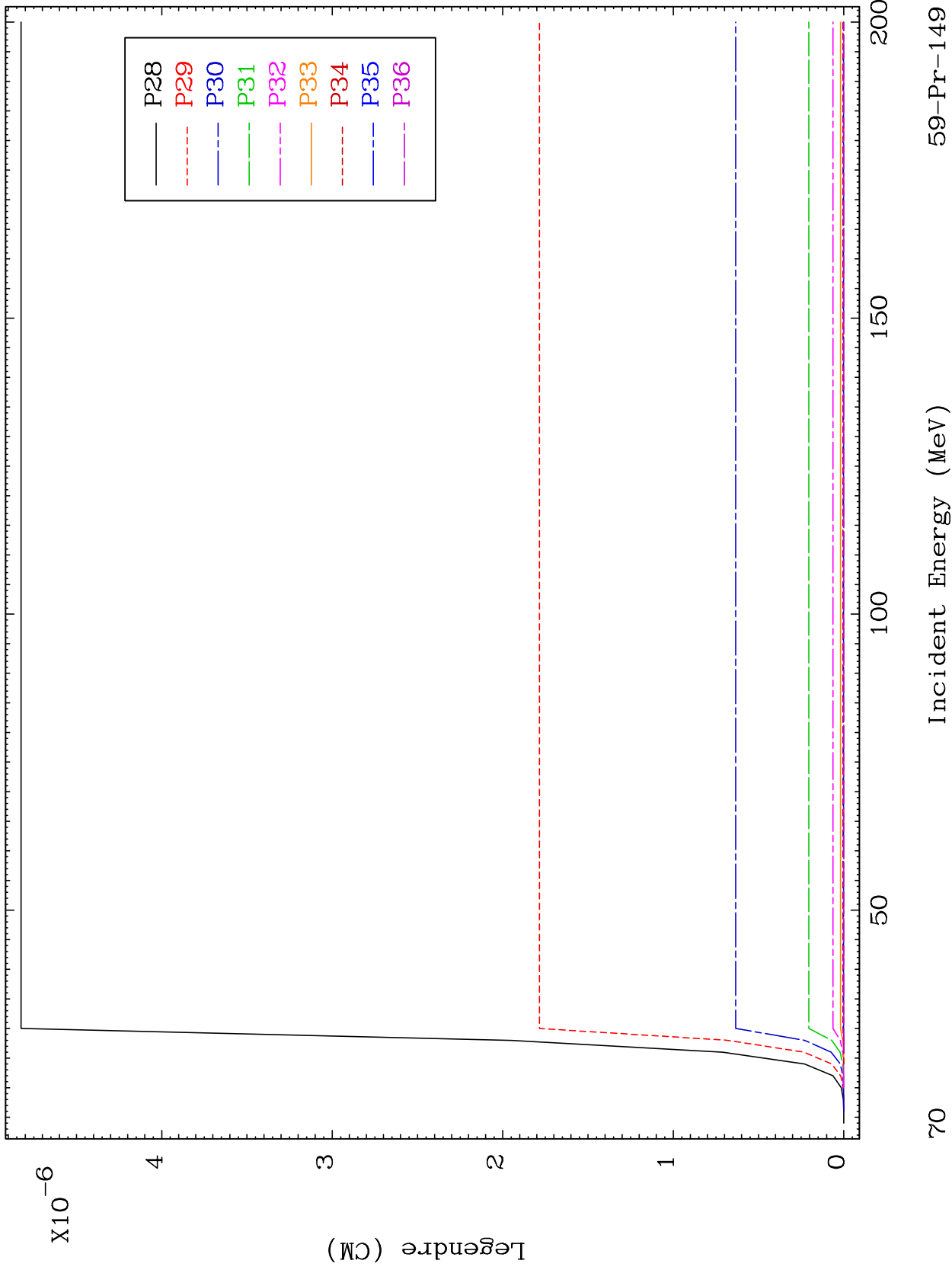




MAT 5949

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

59-Pr-149



59-Pr-149

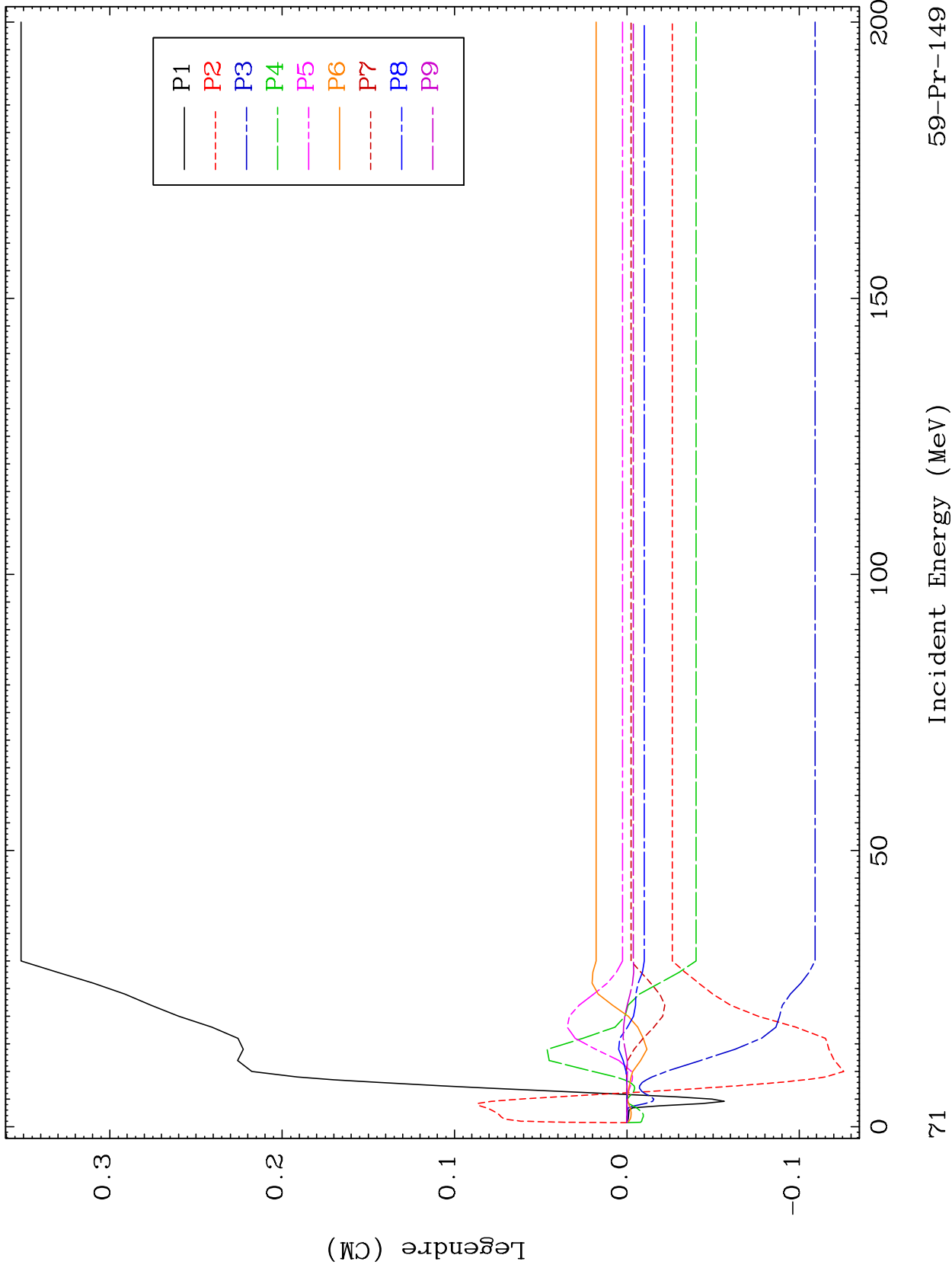
Incident Energy (MeV)

70

MAT 5949

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

59-Pr-149



59-Pr-149

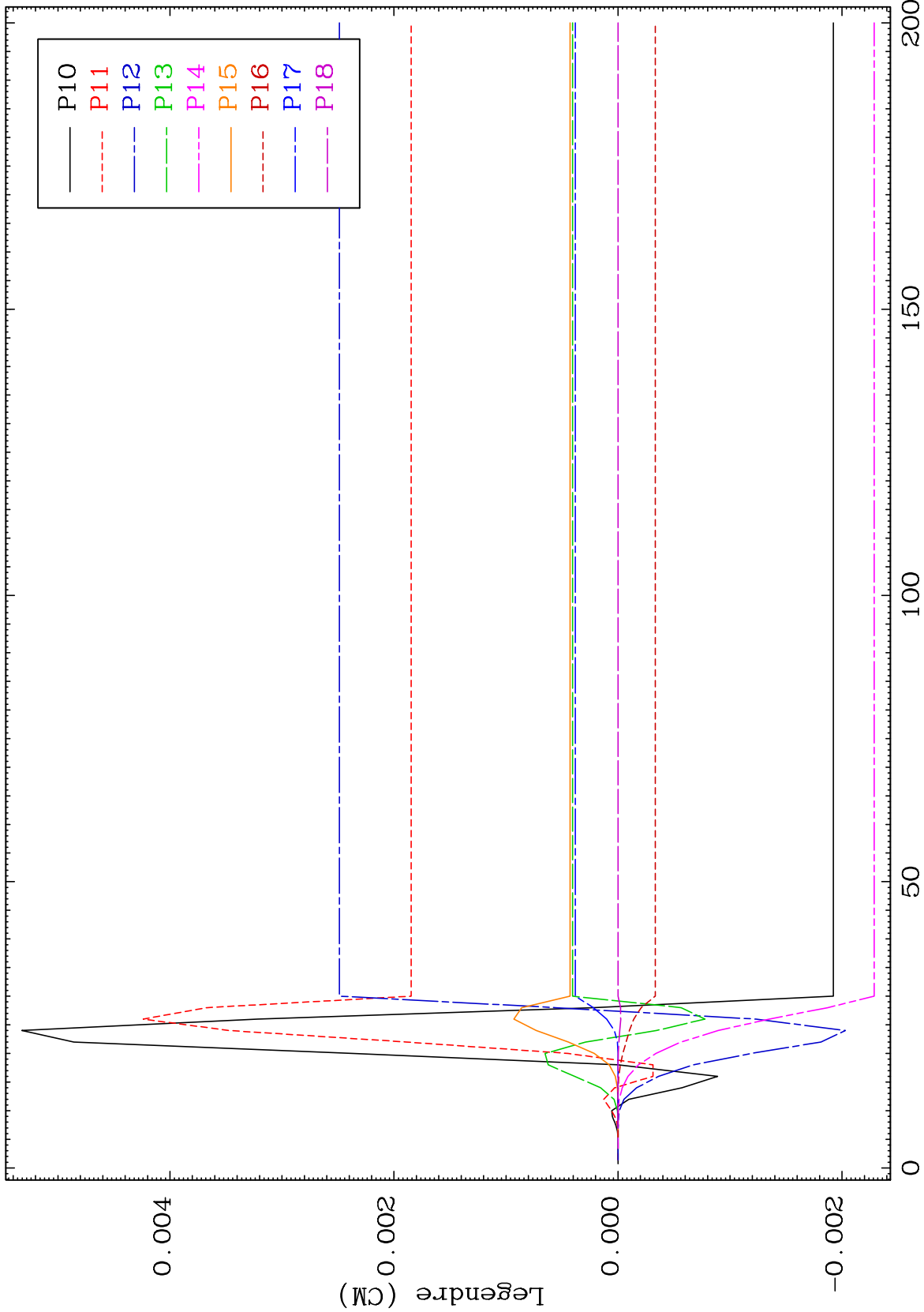
Incident Energy (MeV)

71

MAT 5949

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

59-Pr-149



72

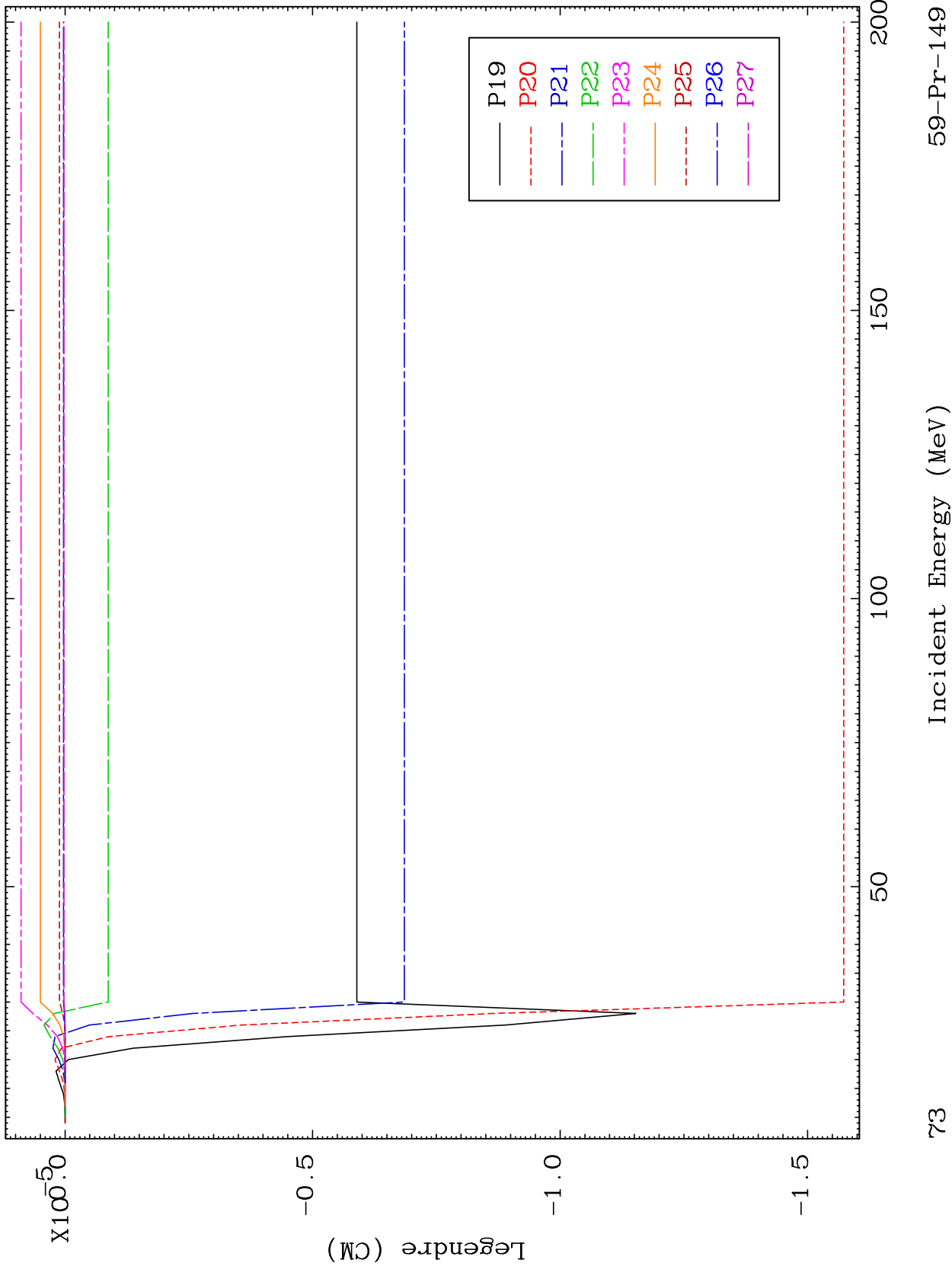
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



73

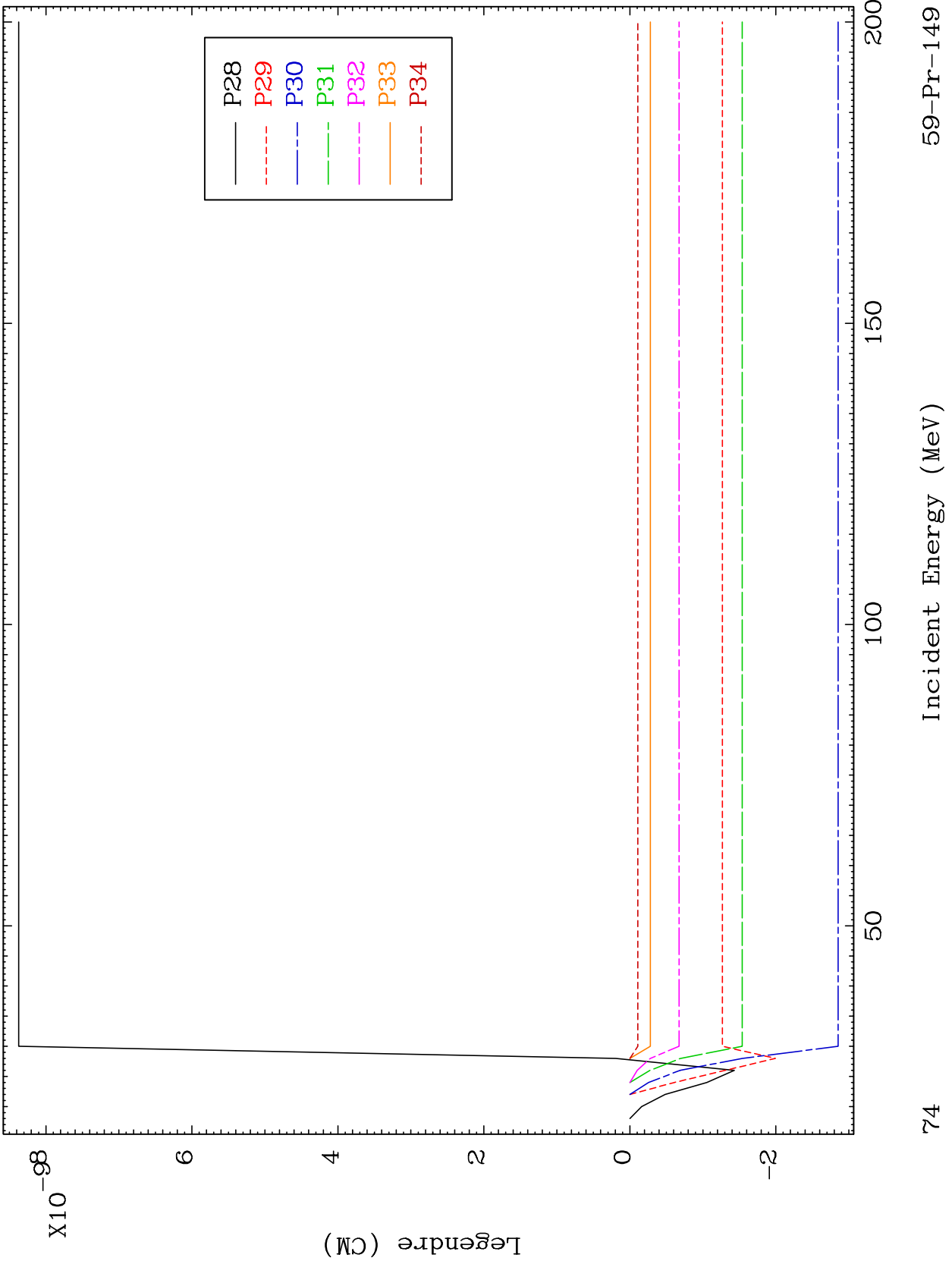
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



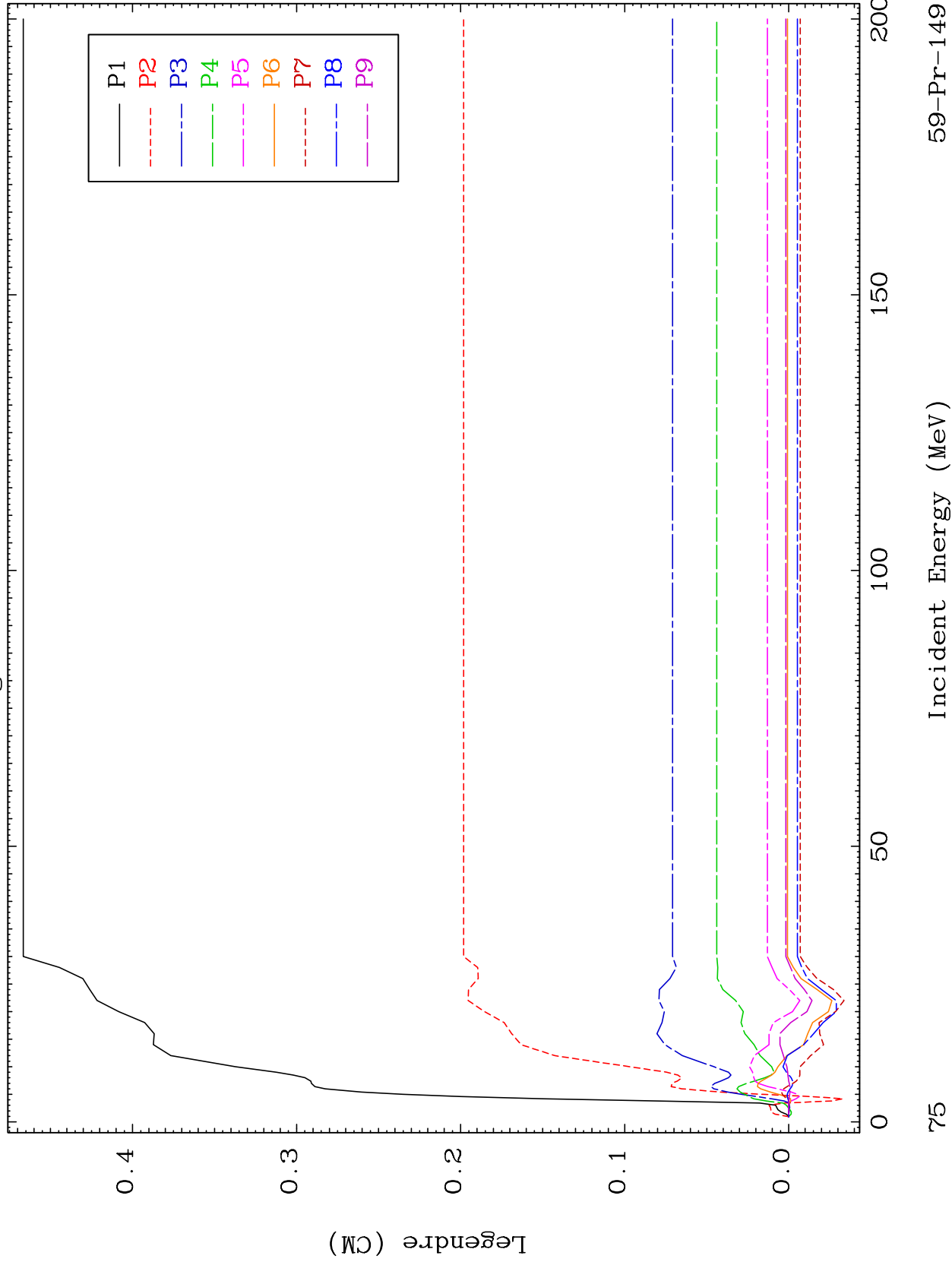
74

59-Pr-149

MAT 5949

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

59-Pr-149



59-Pr-149

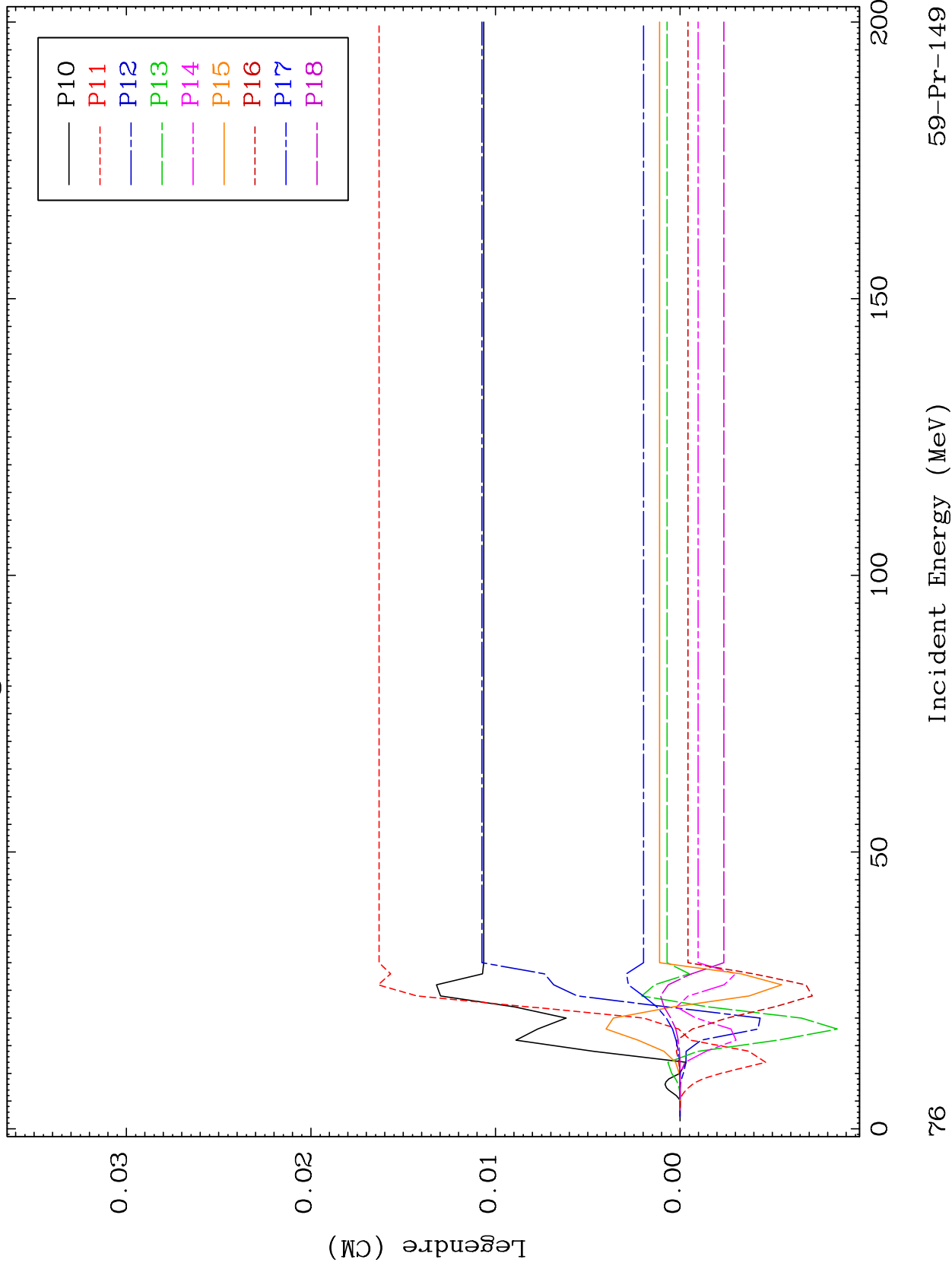
Incident Energy (MeV)

75

MAT 5949

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

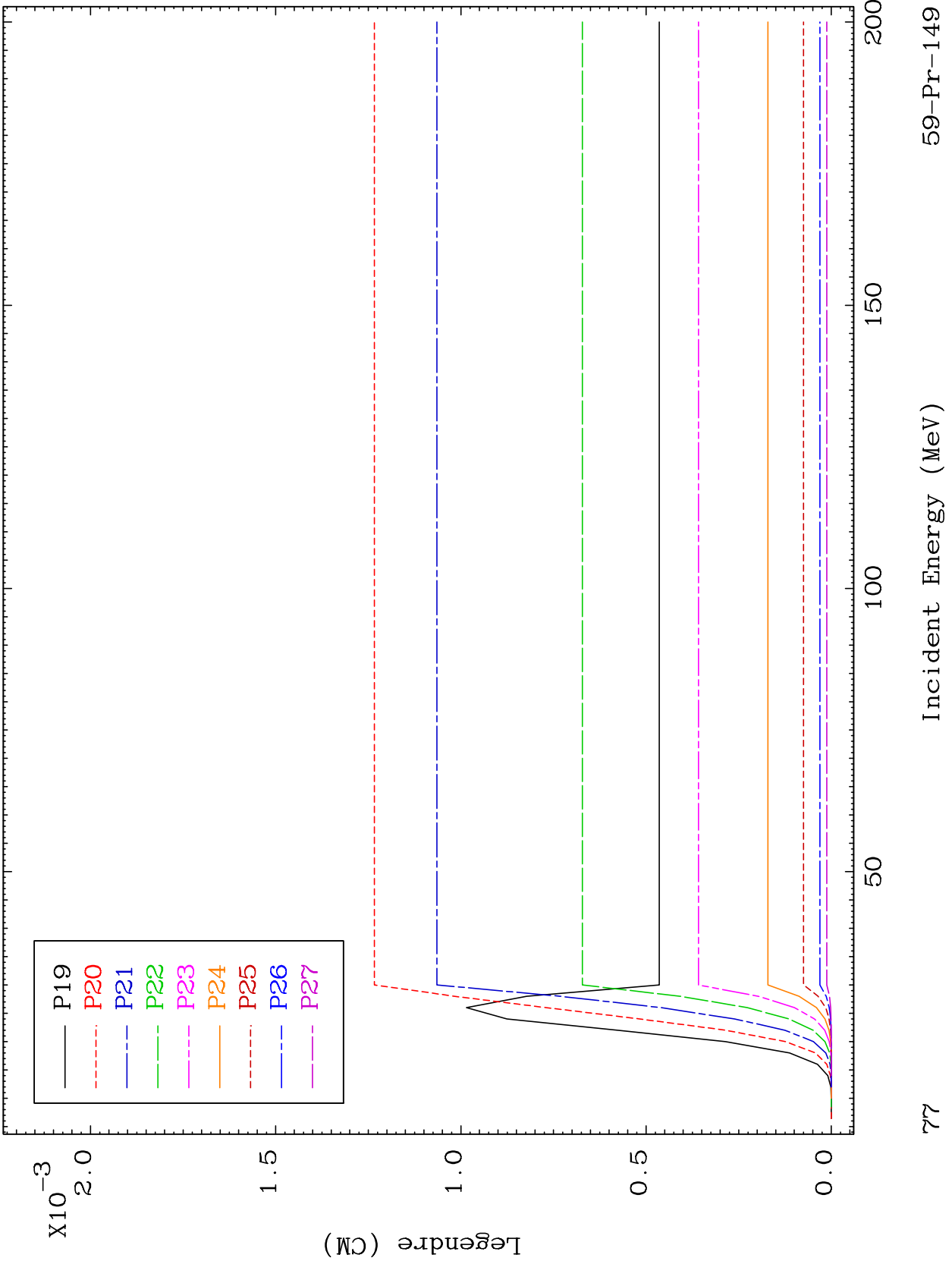
59-Pr-149



76

Incident Energy (MeV)

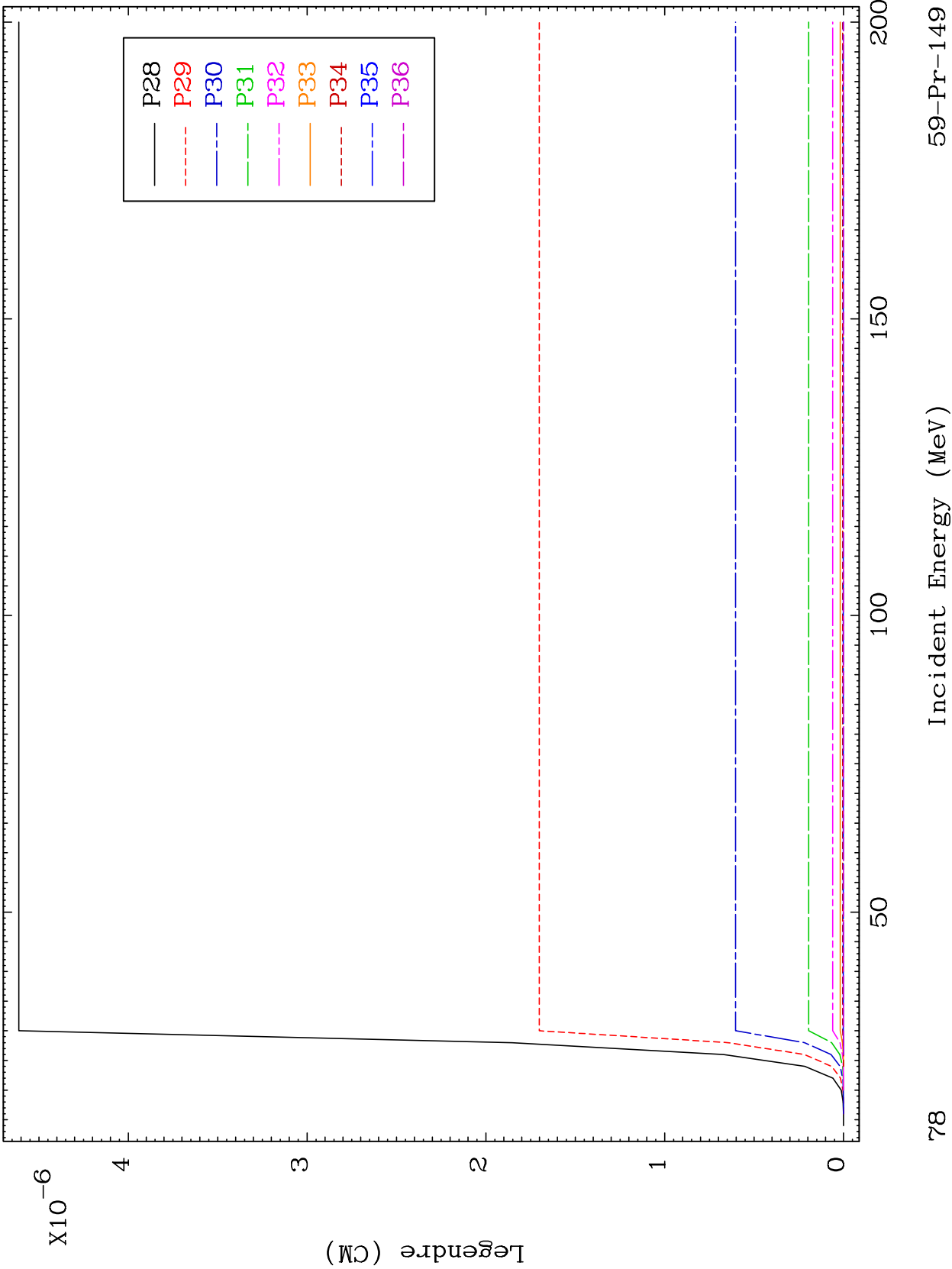
59-Pr-149



MAT 5949

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

59-Pr-149



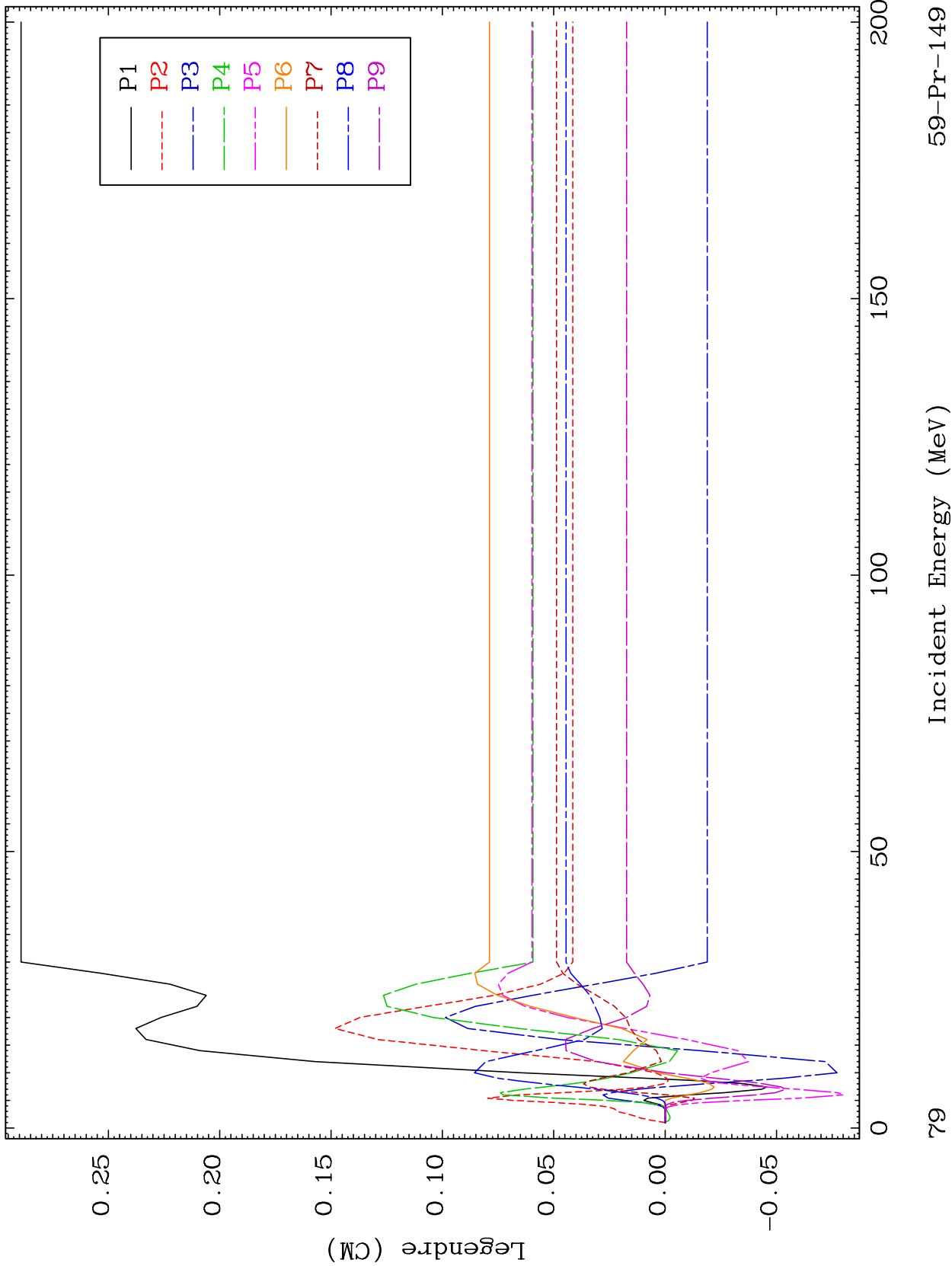
78

59-Pr-149

MAT 5949

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

59-Pr-149



59-Pr-149

Incident Energy (MeV)

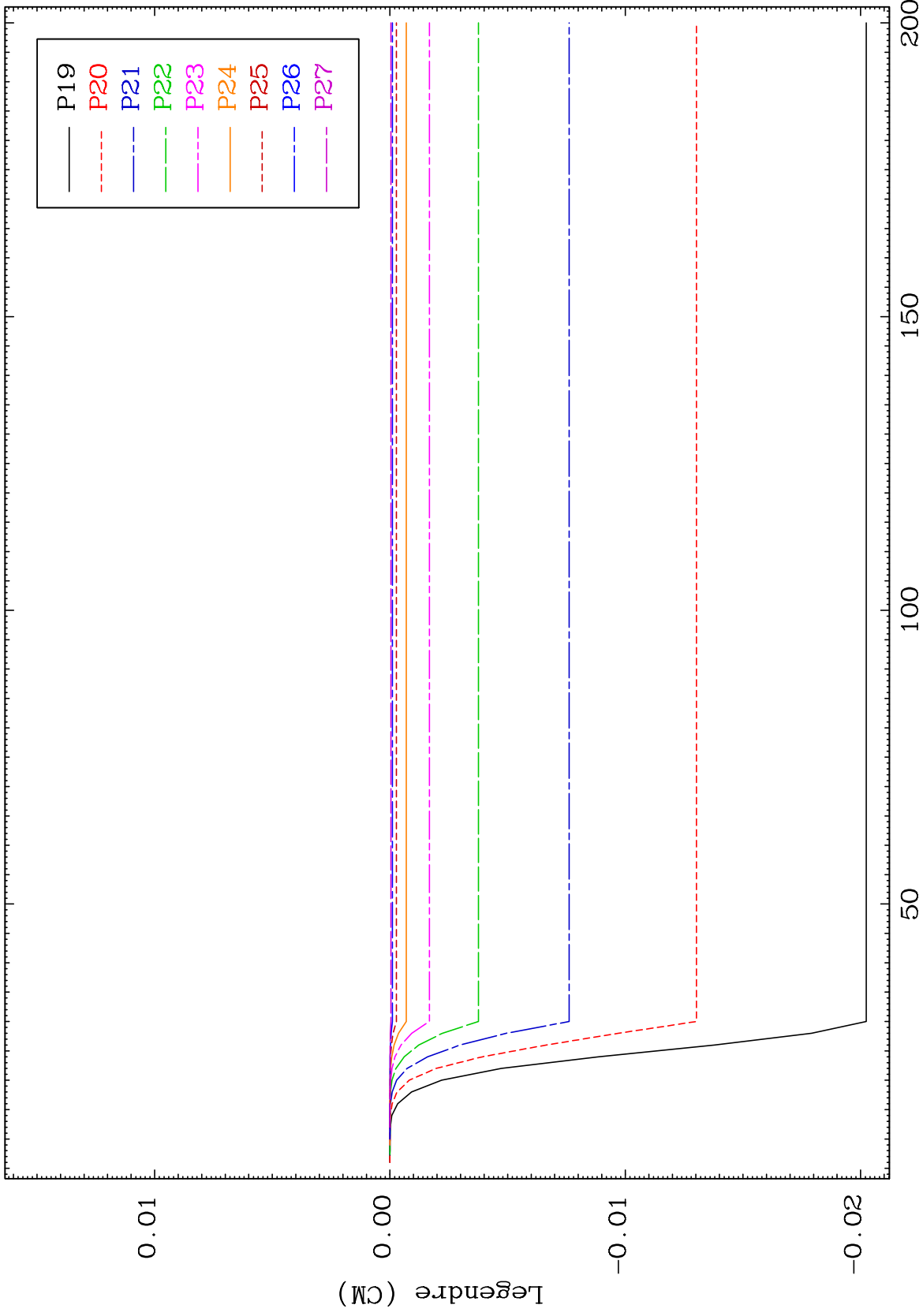
79



MAT 5949

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

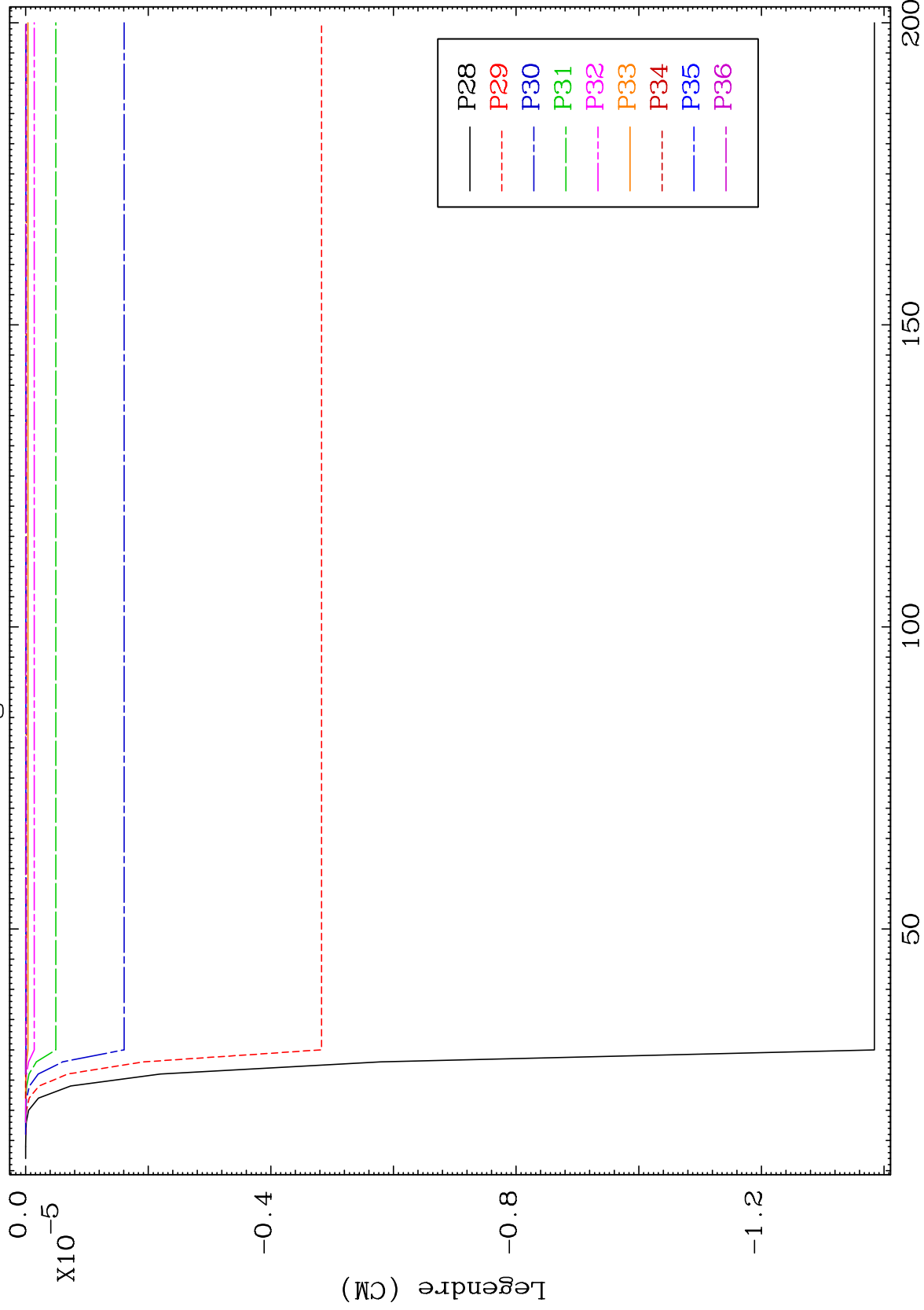
59-Pr-149



MAT 5949

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

59-Pr-149



82

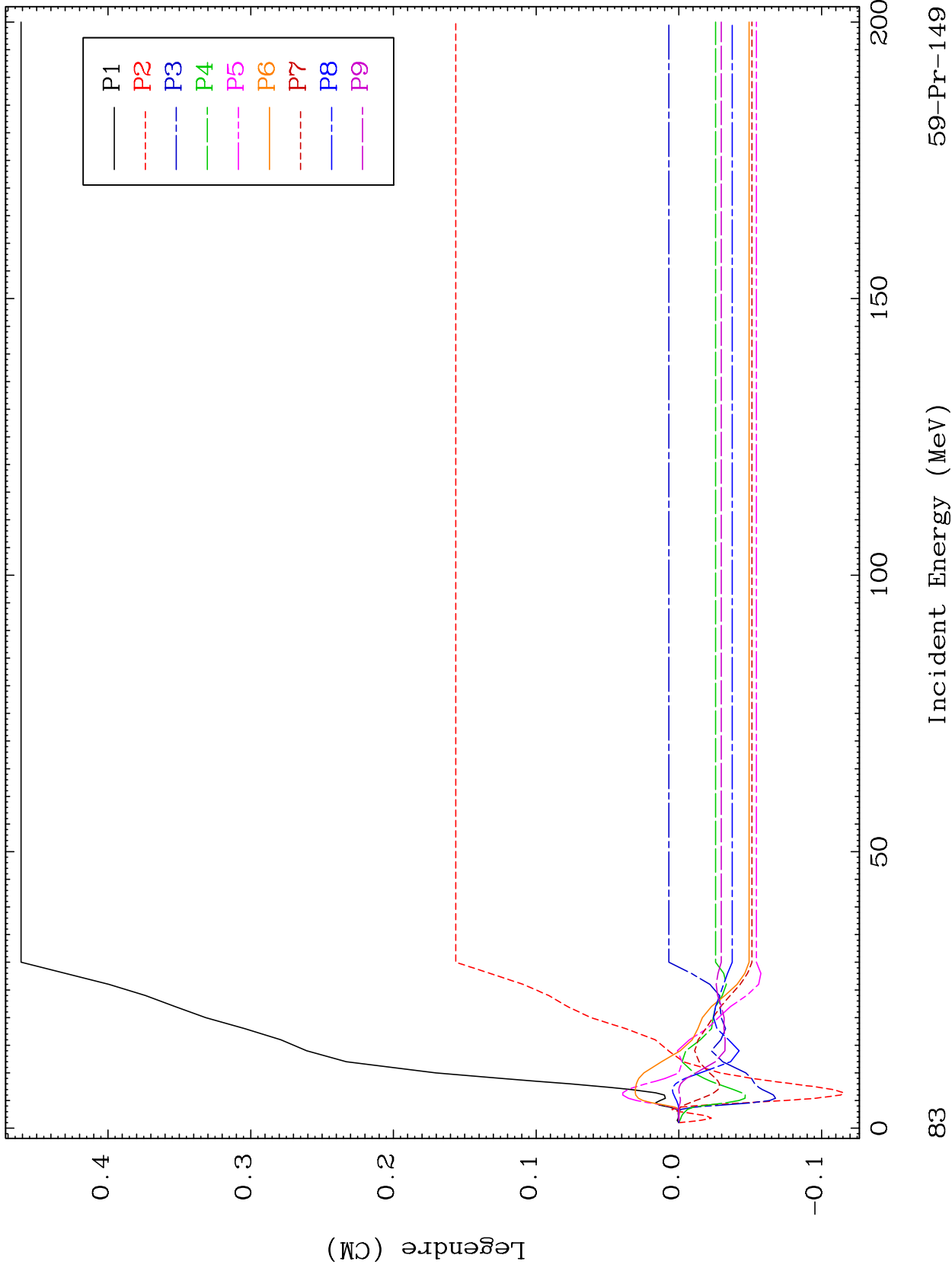
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



59-Pr-149

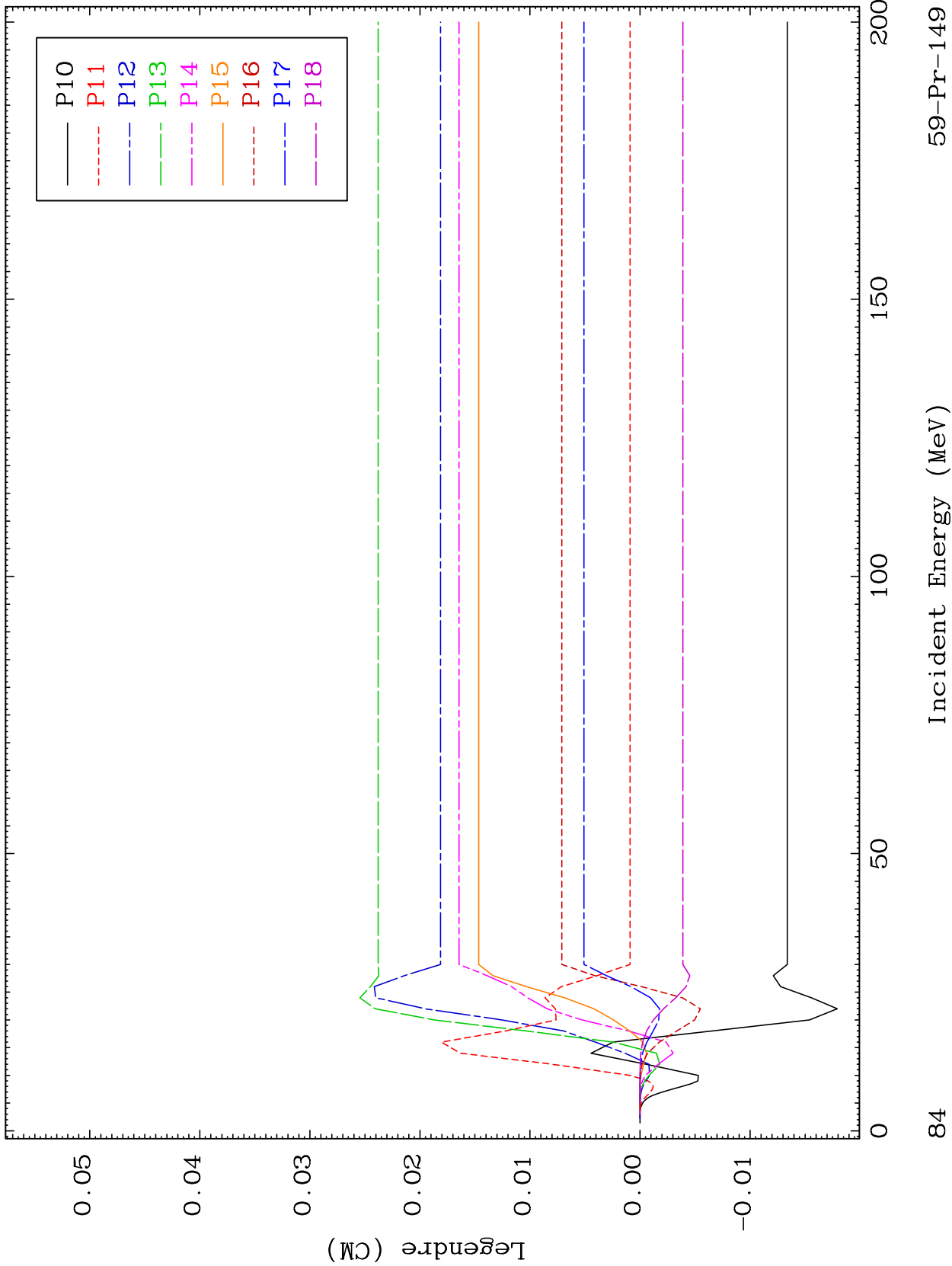
Incident Energy (MeV)

83

MAT 5949

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

59-Pr-149



59-Pr-149

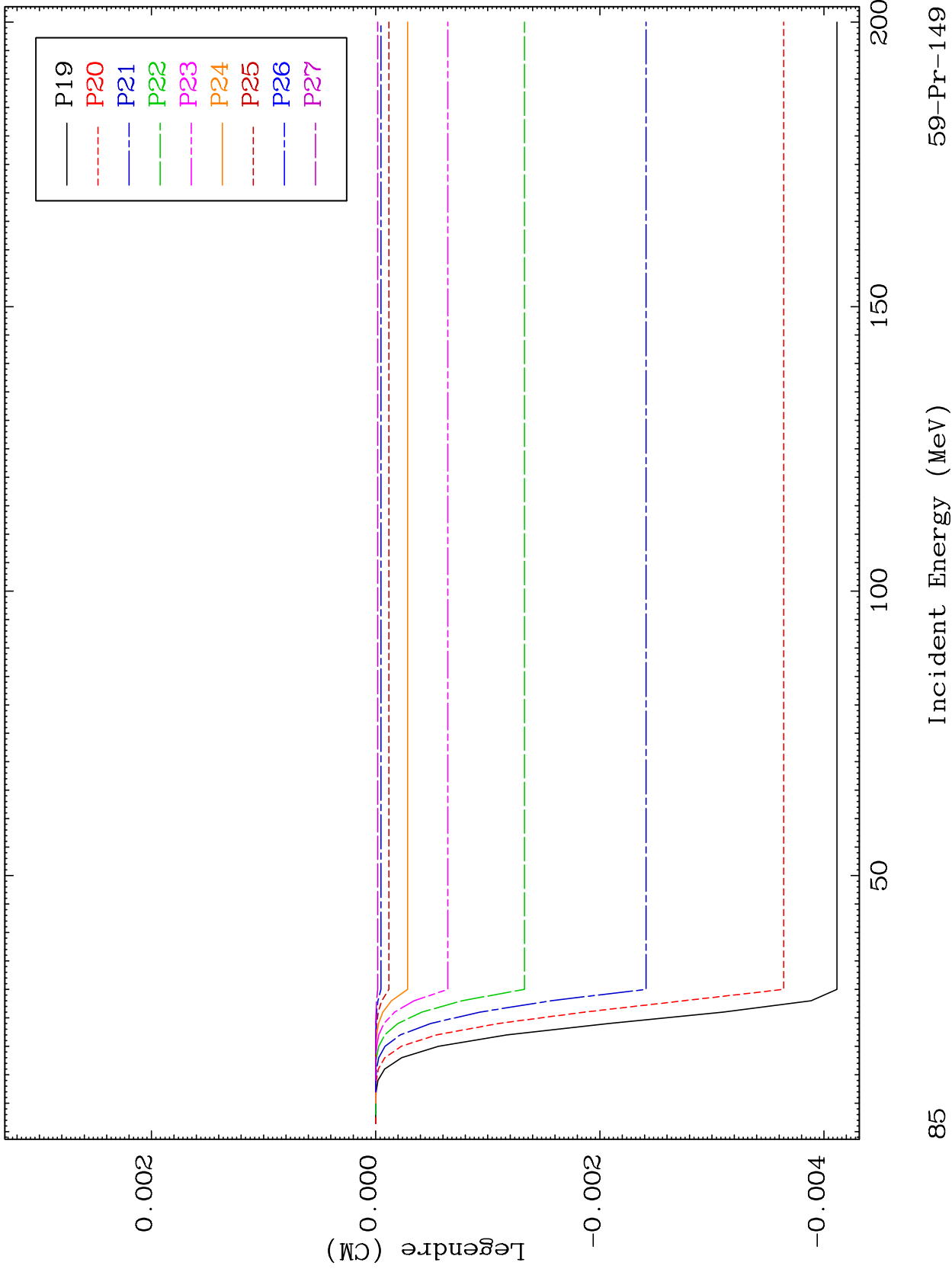
Incident Energy (MeV)

84

MAT 5949

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

59-Pr-149



85

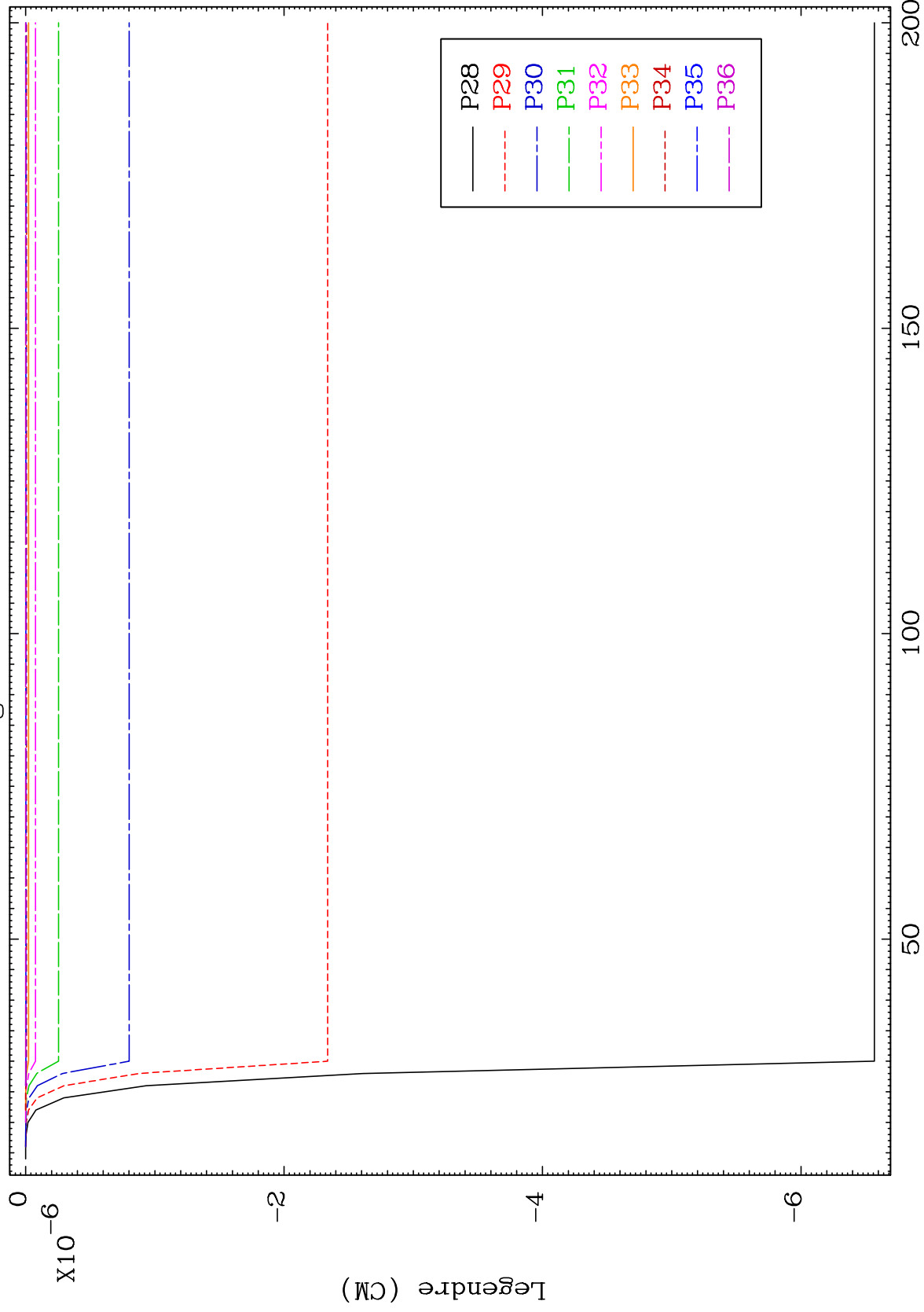
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



86

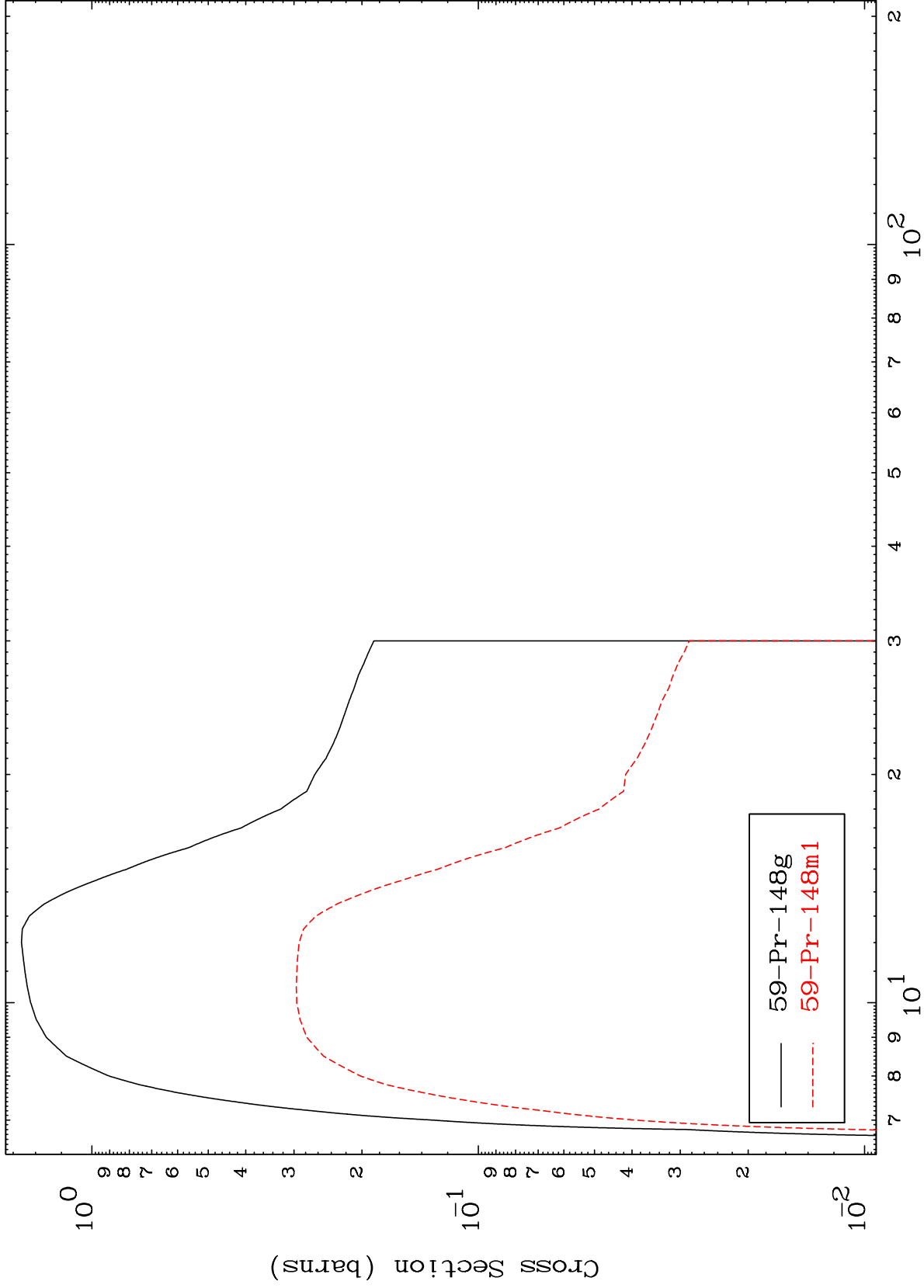
Incident Energy (MeV)

59-Pr-149

MAT 5949

59-Pr-149

(n,2n)  
Radionuclide Production Cross Section

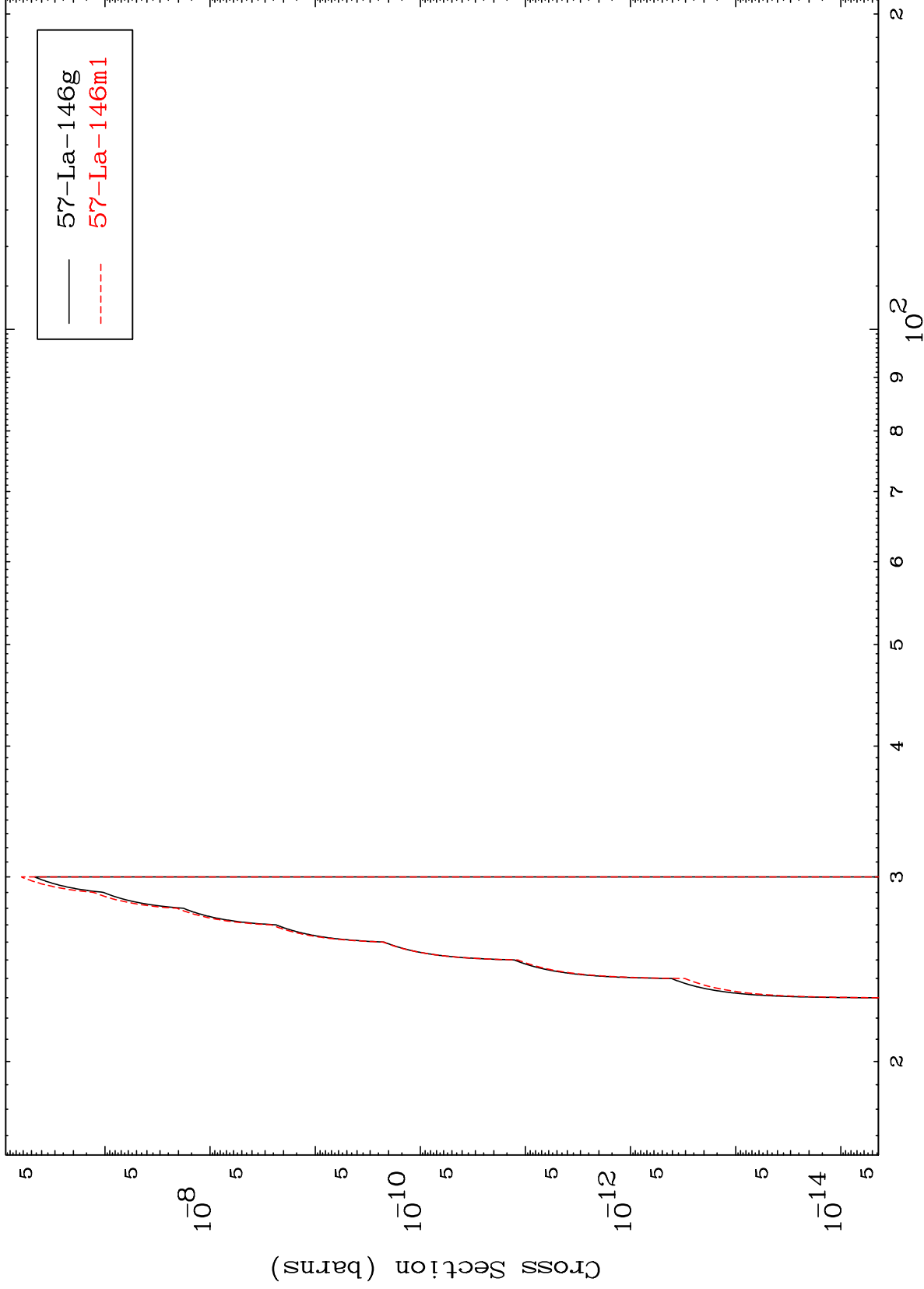


87

Incident Energy (MeV)

59-Pr-149

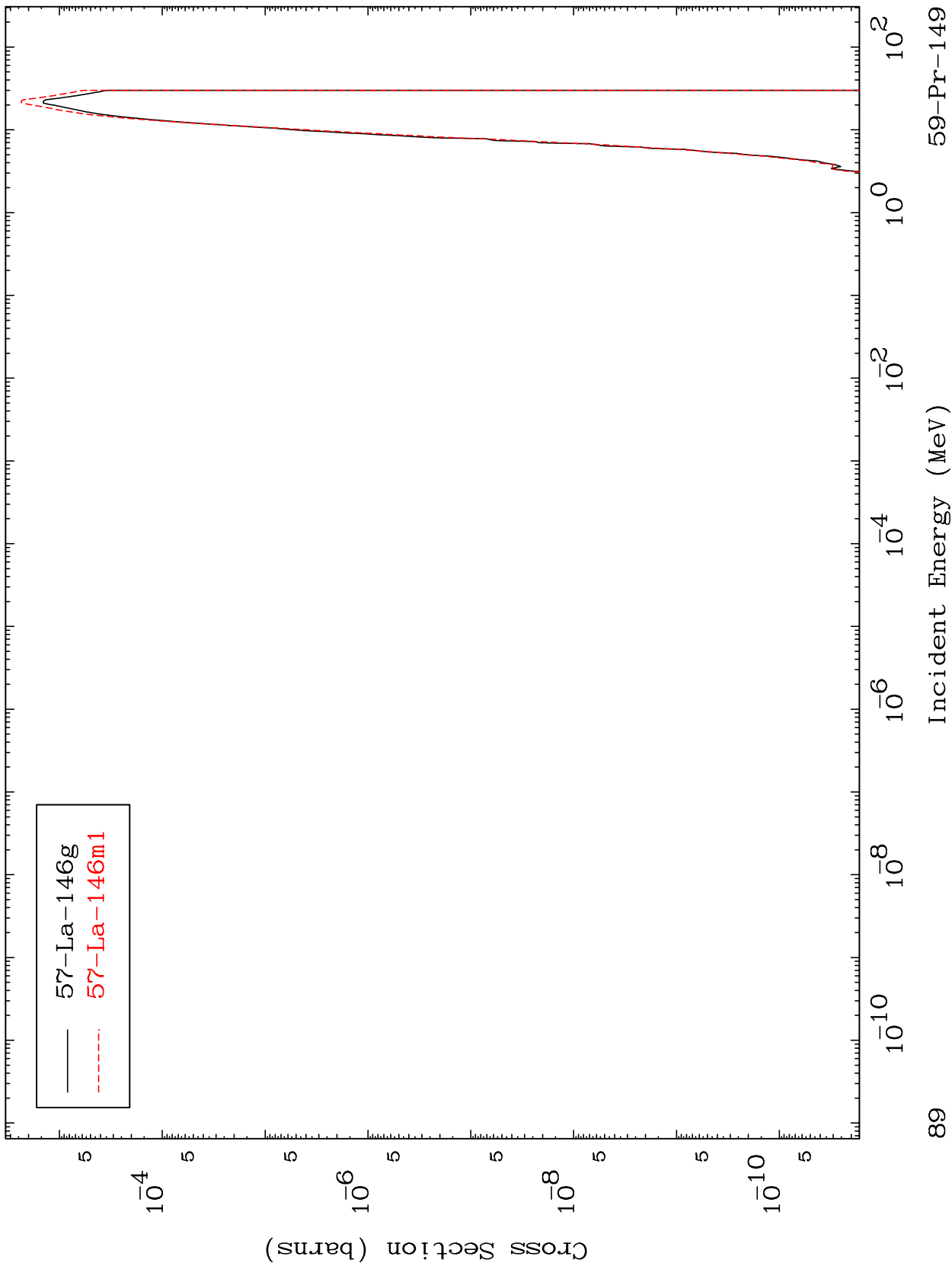
Radionuclide Production Cross Section



MAT 5949

59-Pr-149

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



89

59-Pr-149