

Program EVALPLOT
(Version 2021-1)

by

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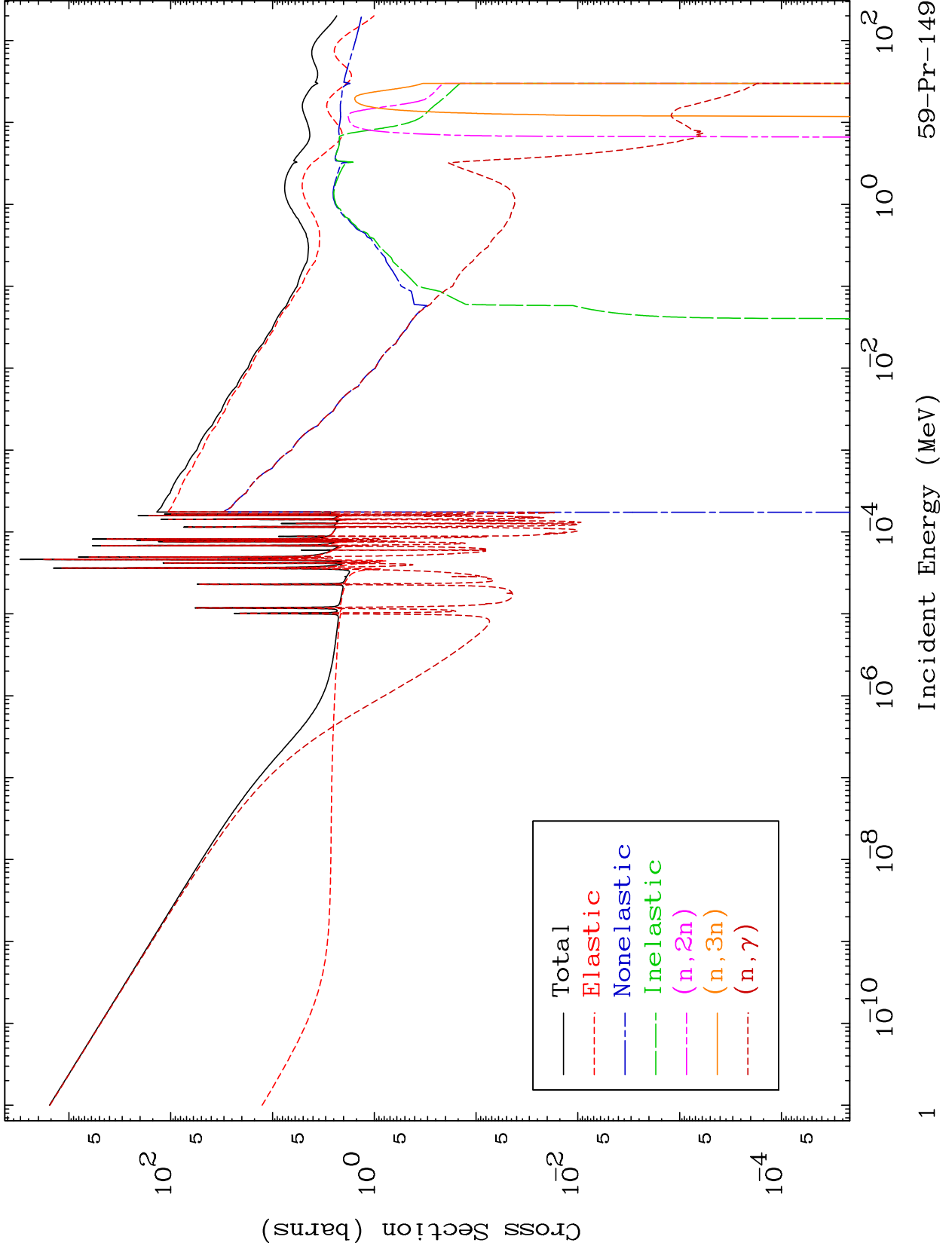
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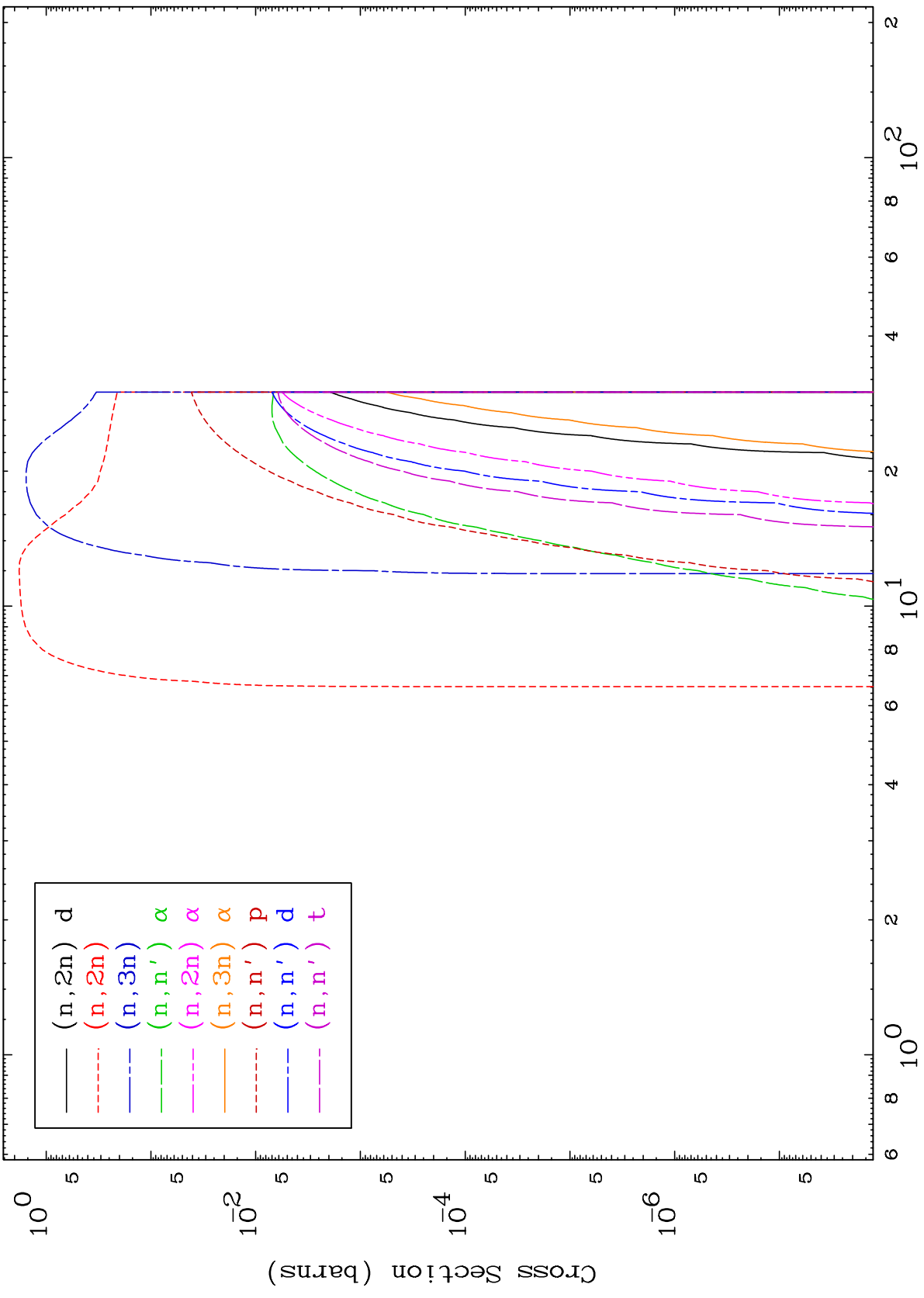
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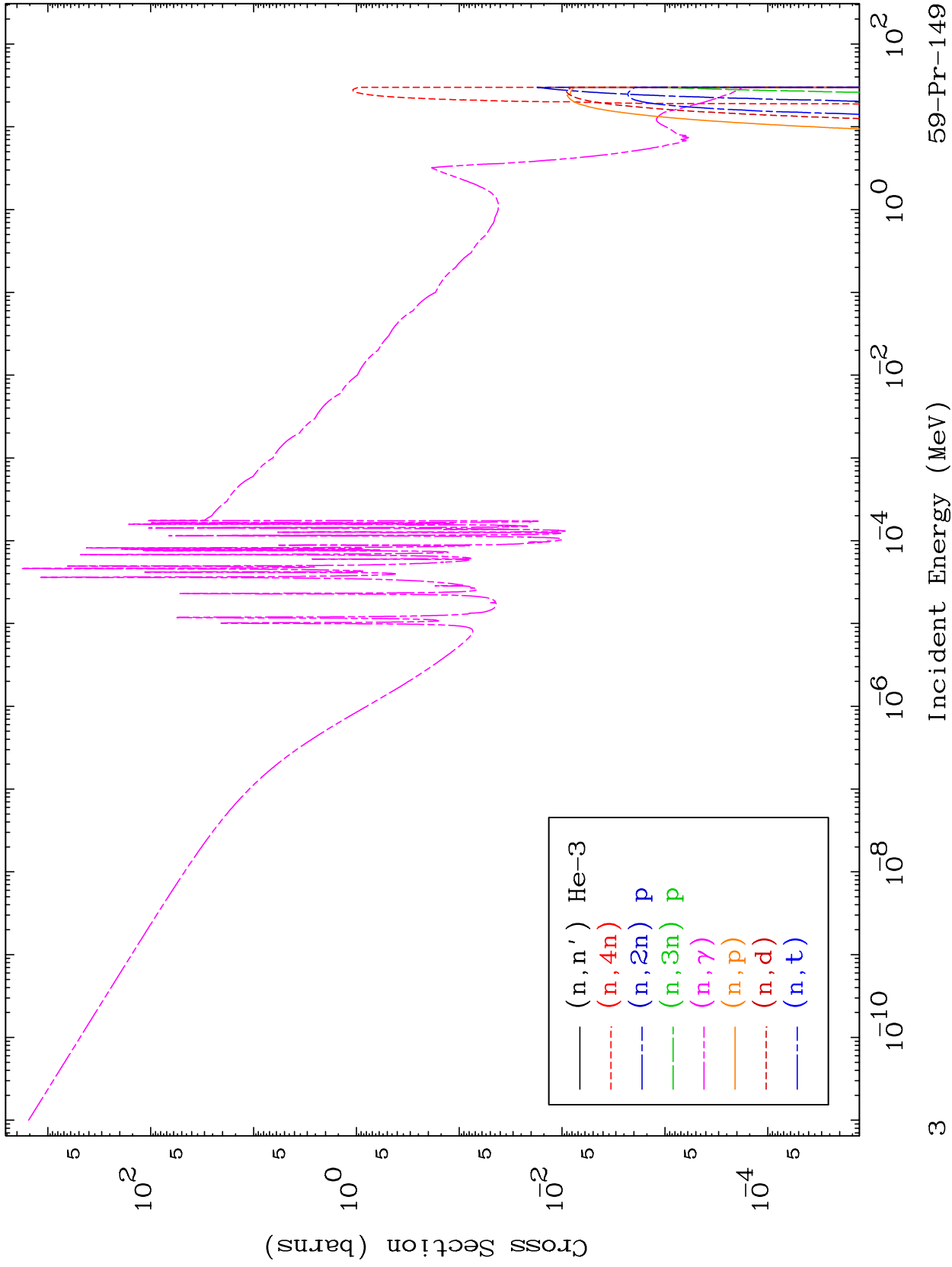
MAT 5949

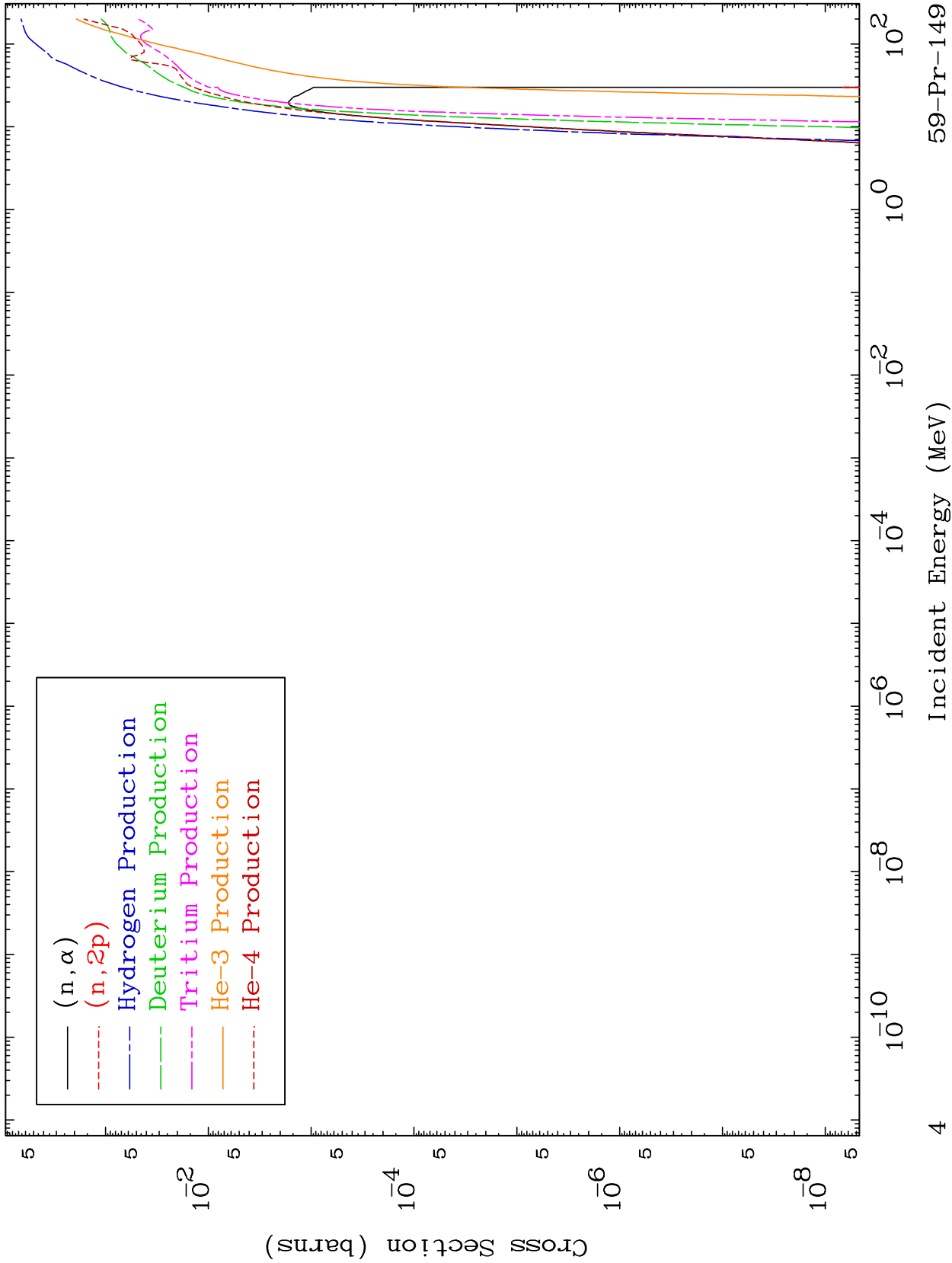
Neutron Major
293 Kelvin Cross Sections

59-Pr-149





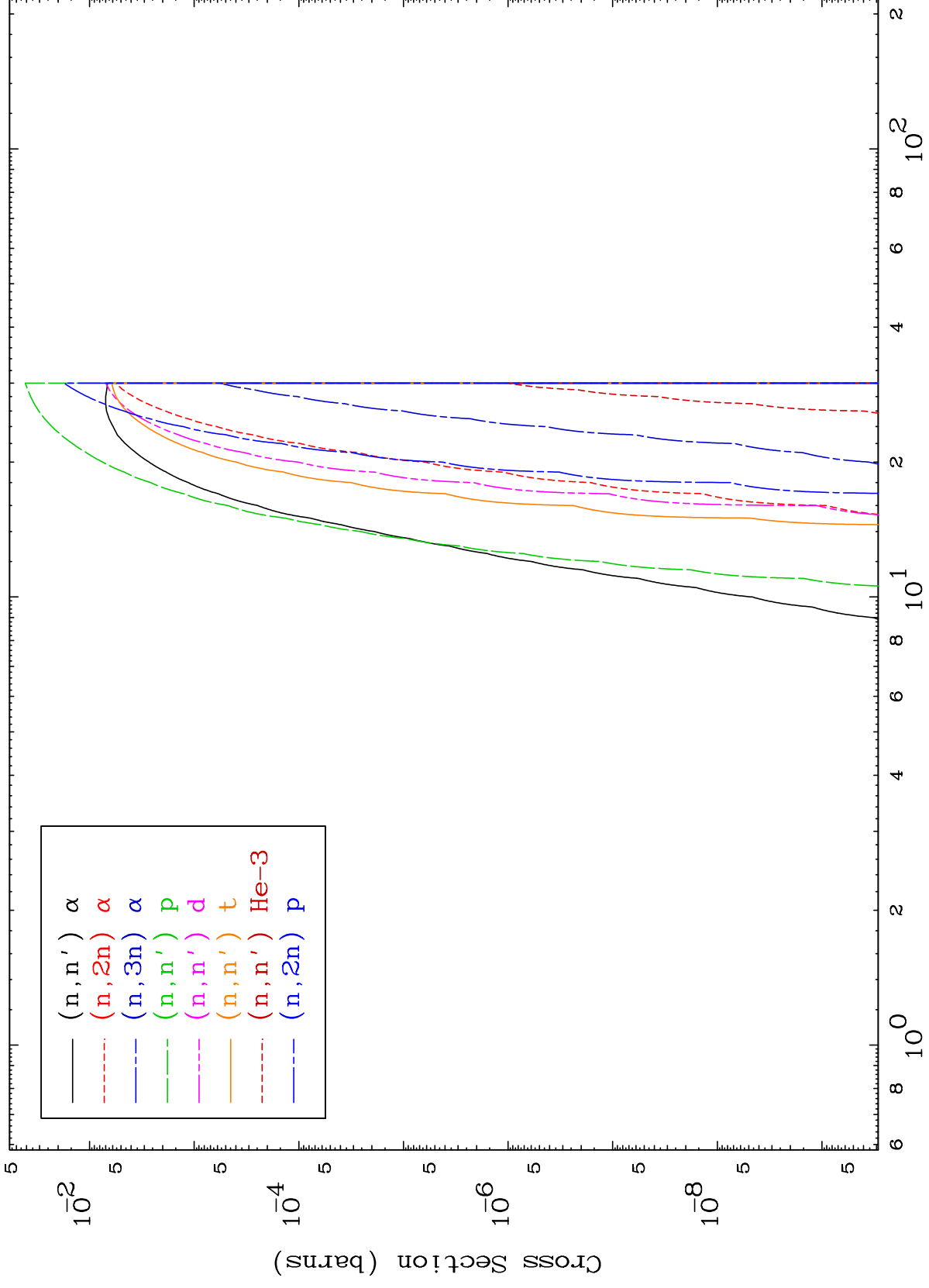




MAT 5949

Charged Particle
293 Kelvin Cross Sections

59-Pr-149



5

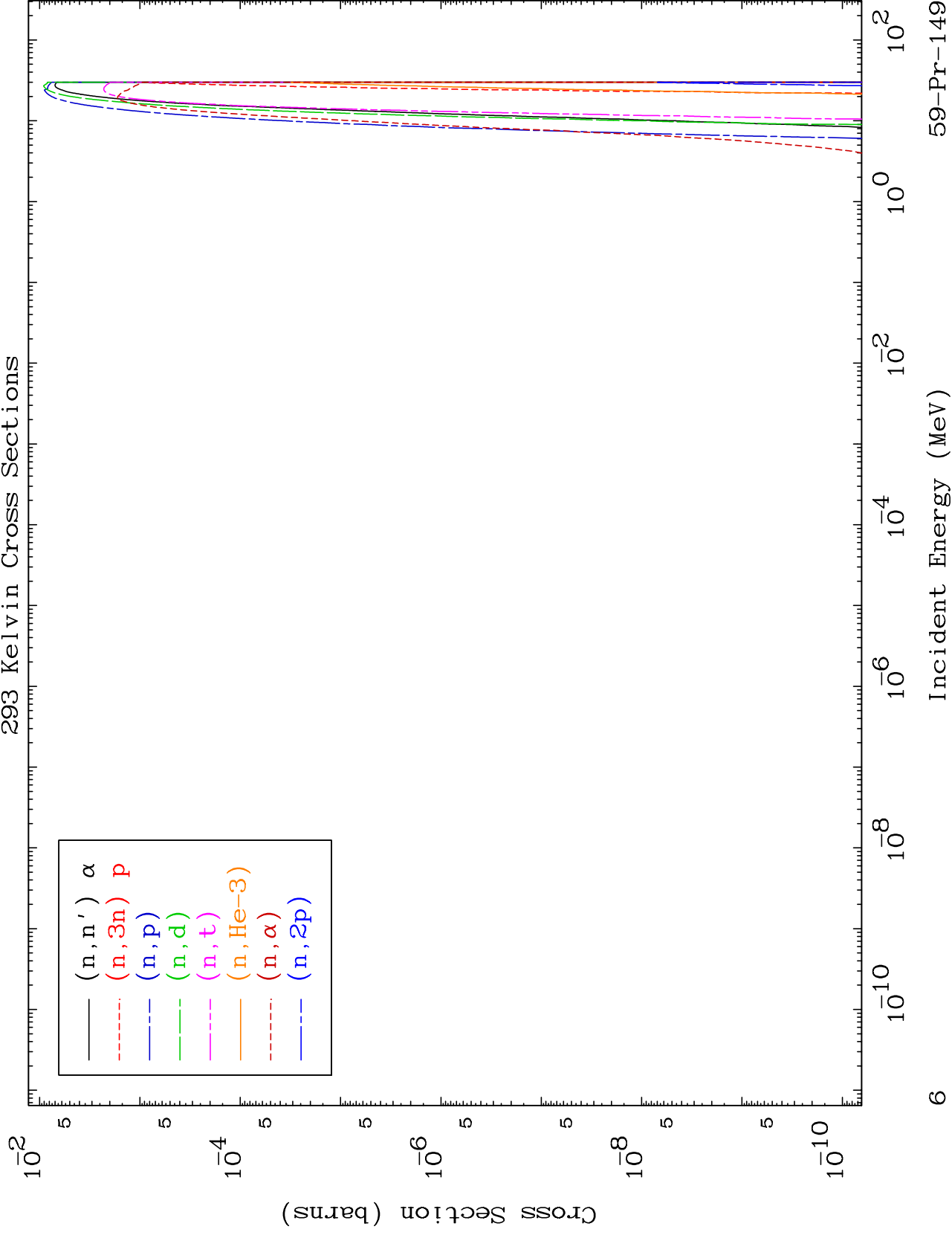
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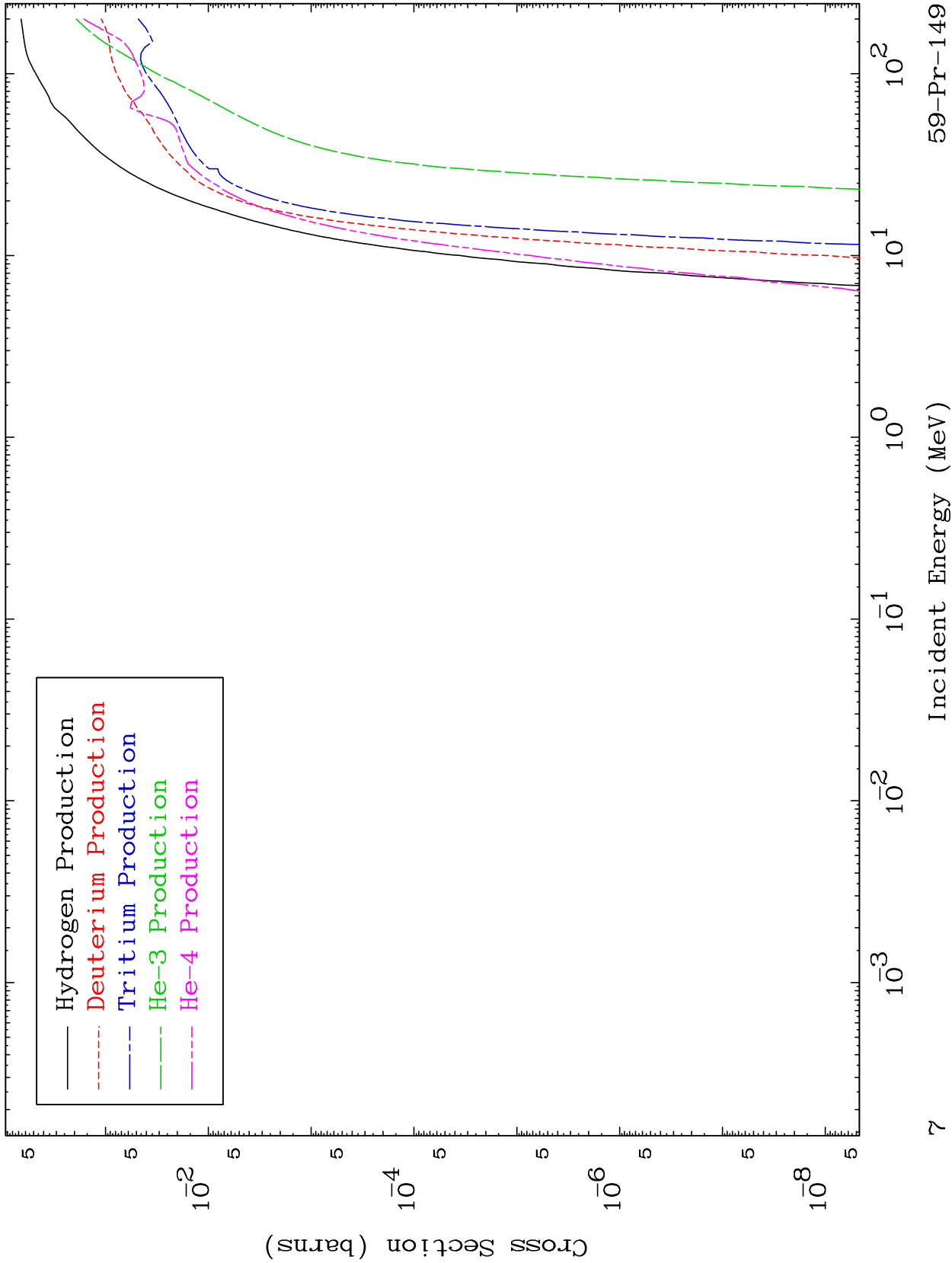
59-Pr-149

MAT 5949

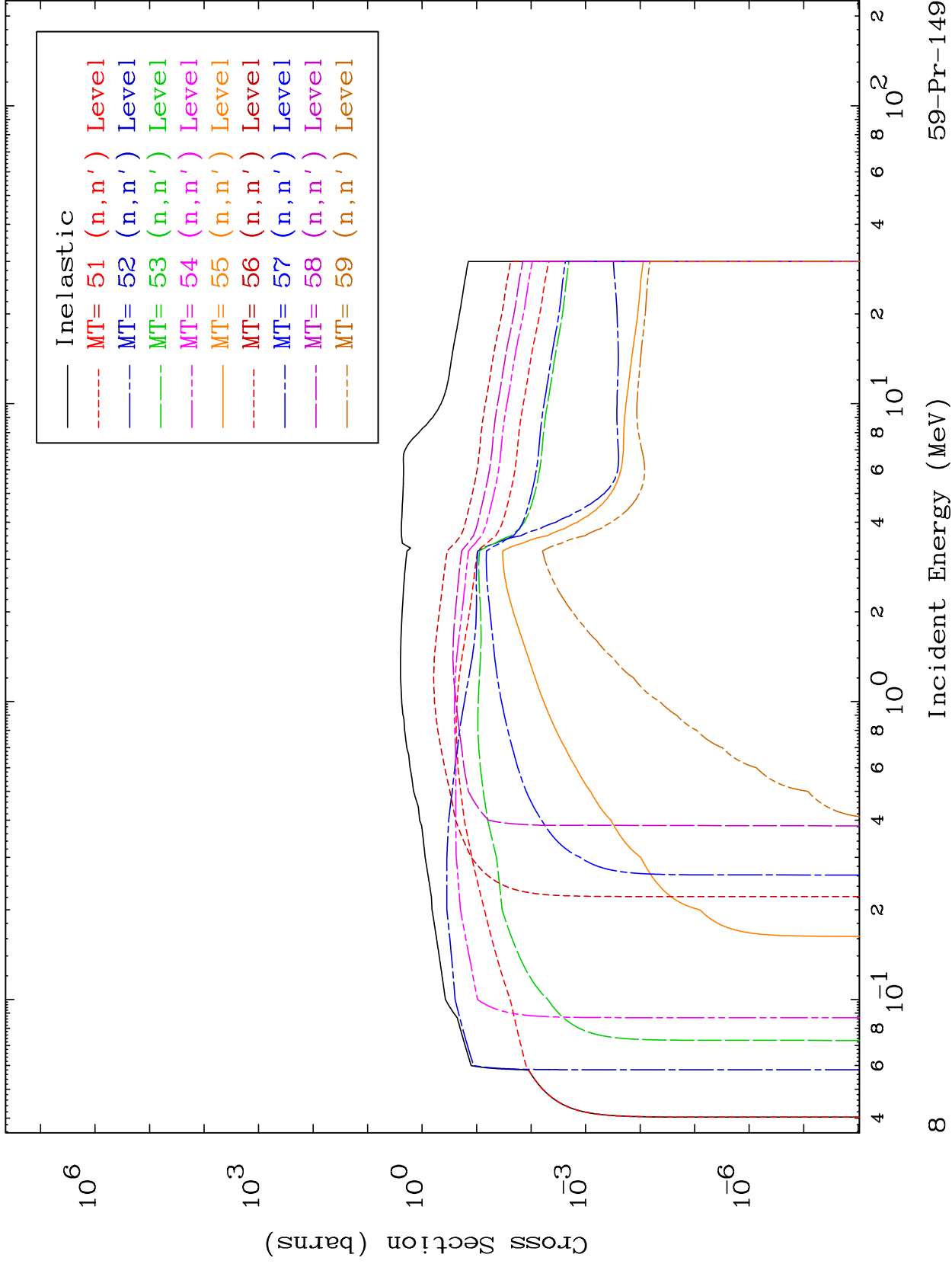
Charged Particle
293 Kelvin Cross Sections

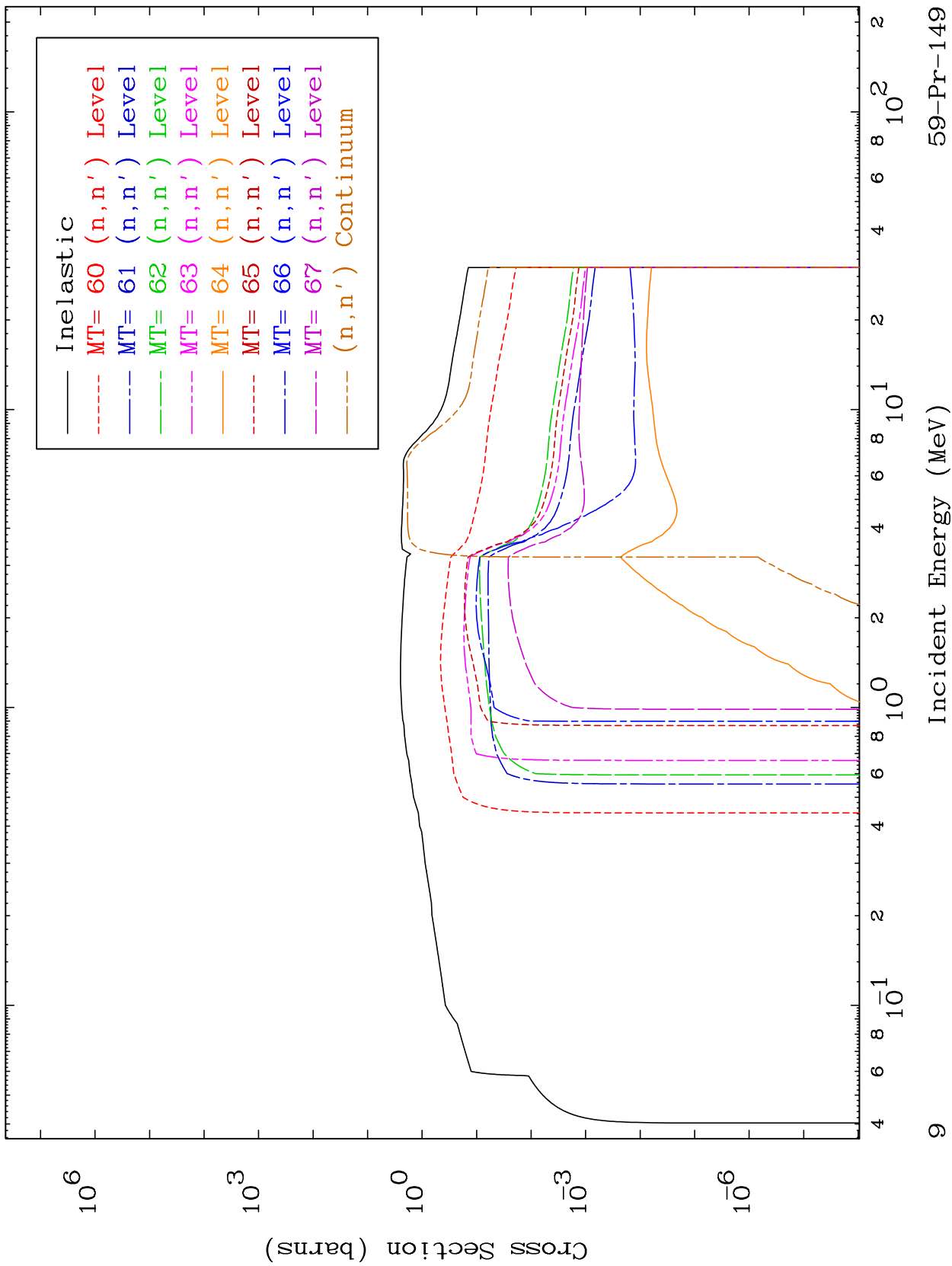
59-Pr-149





293 Kelvin Cross Sections

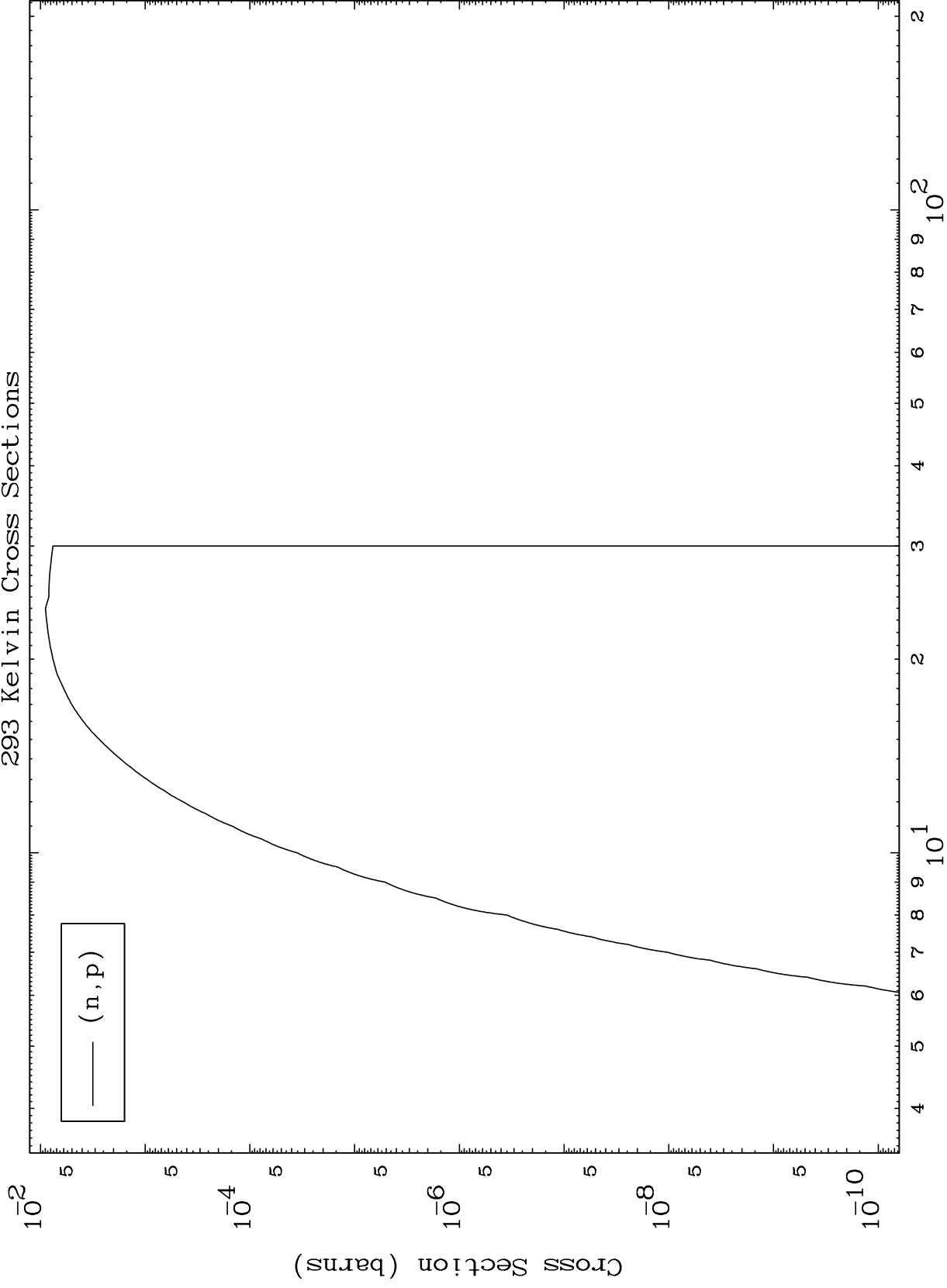




MAT 5949

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-149



(n,p)

Incident Energy (MeV)

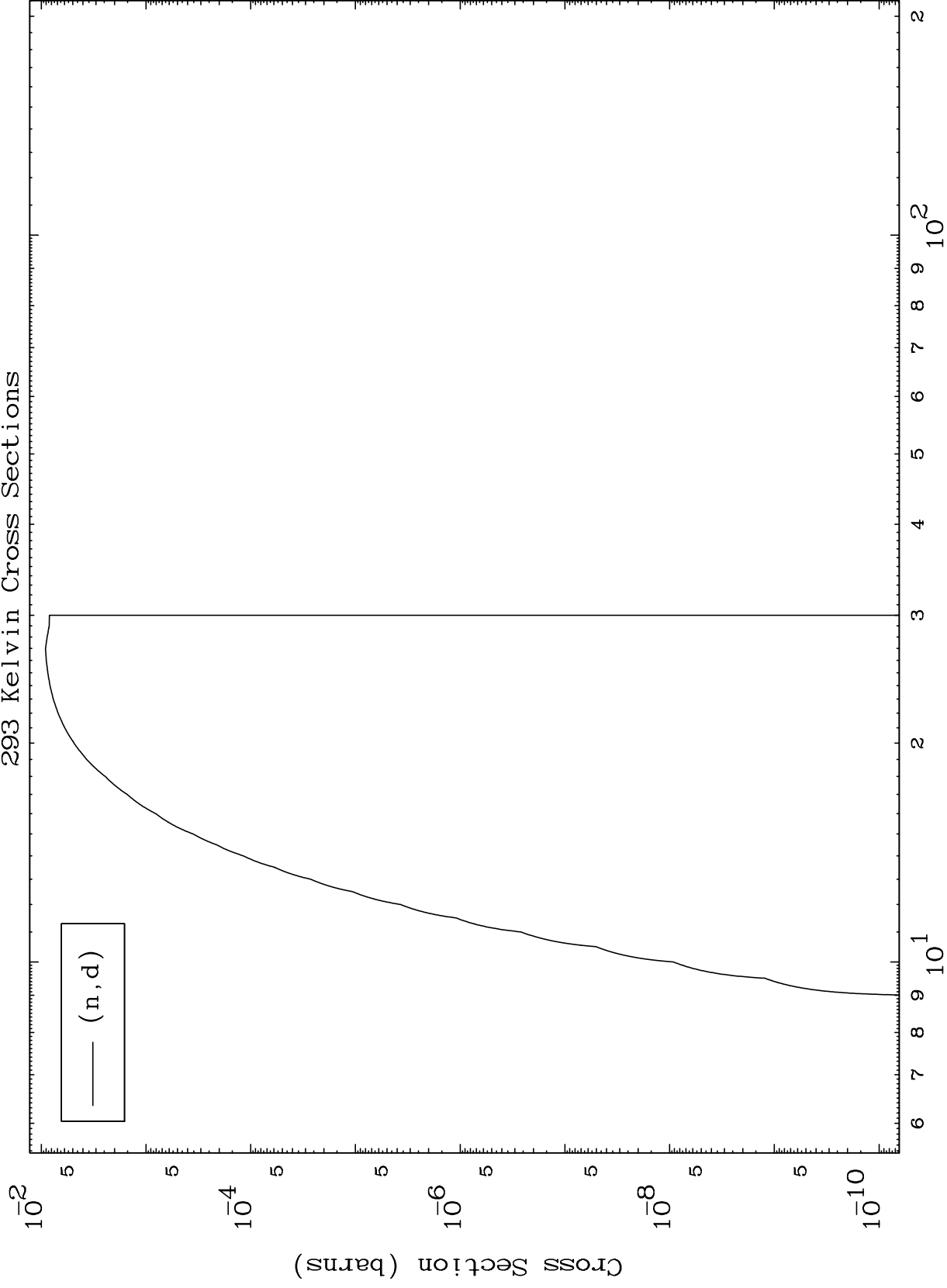
59-Pr-149

10

MAT 5949

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-149



11

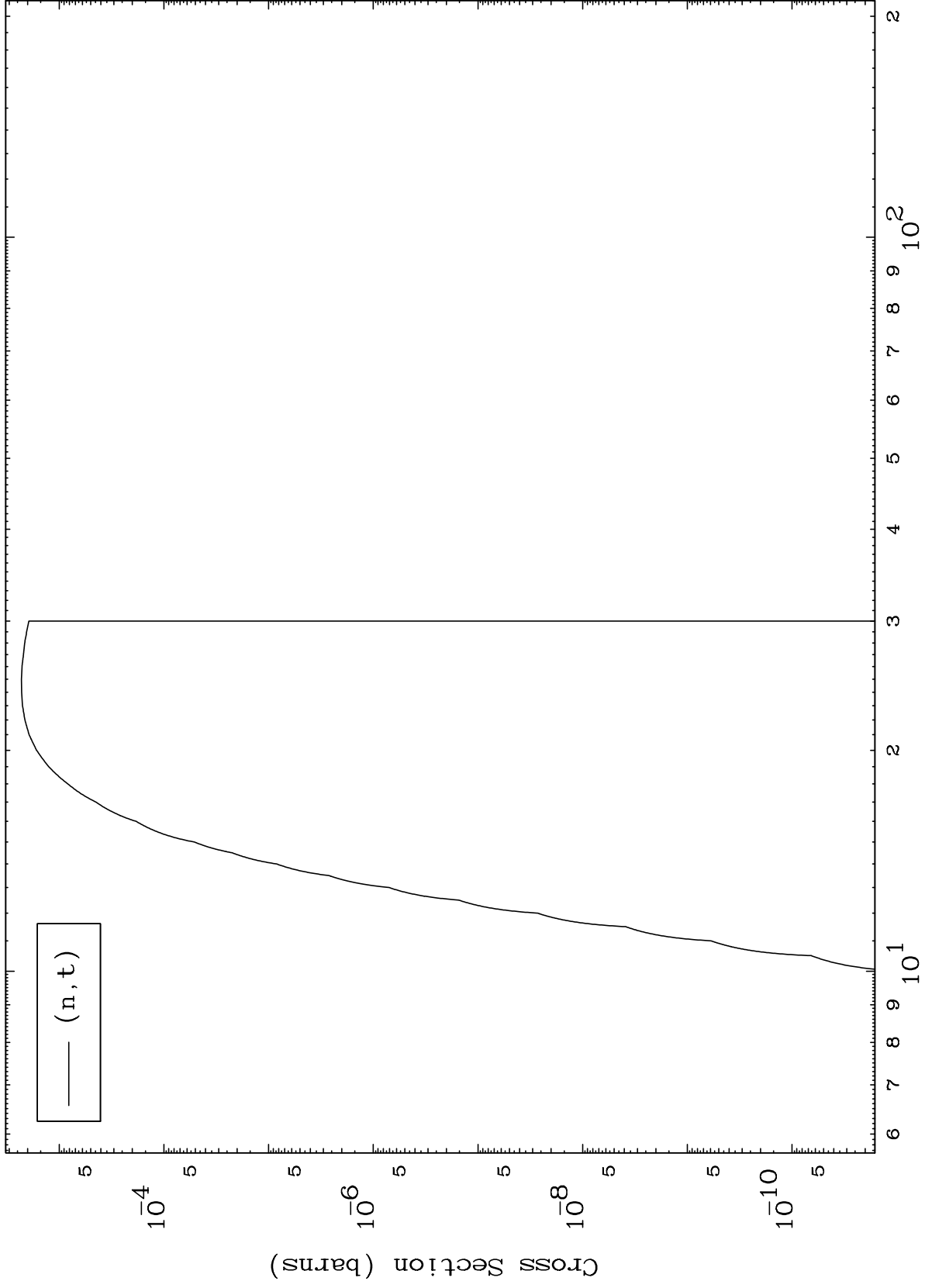
Incident Energy (MeV)

59-Pr-149

MAT 5949

(n,t) Levels
293 Kelvin Cross Sections

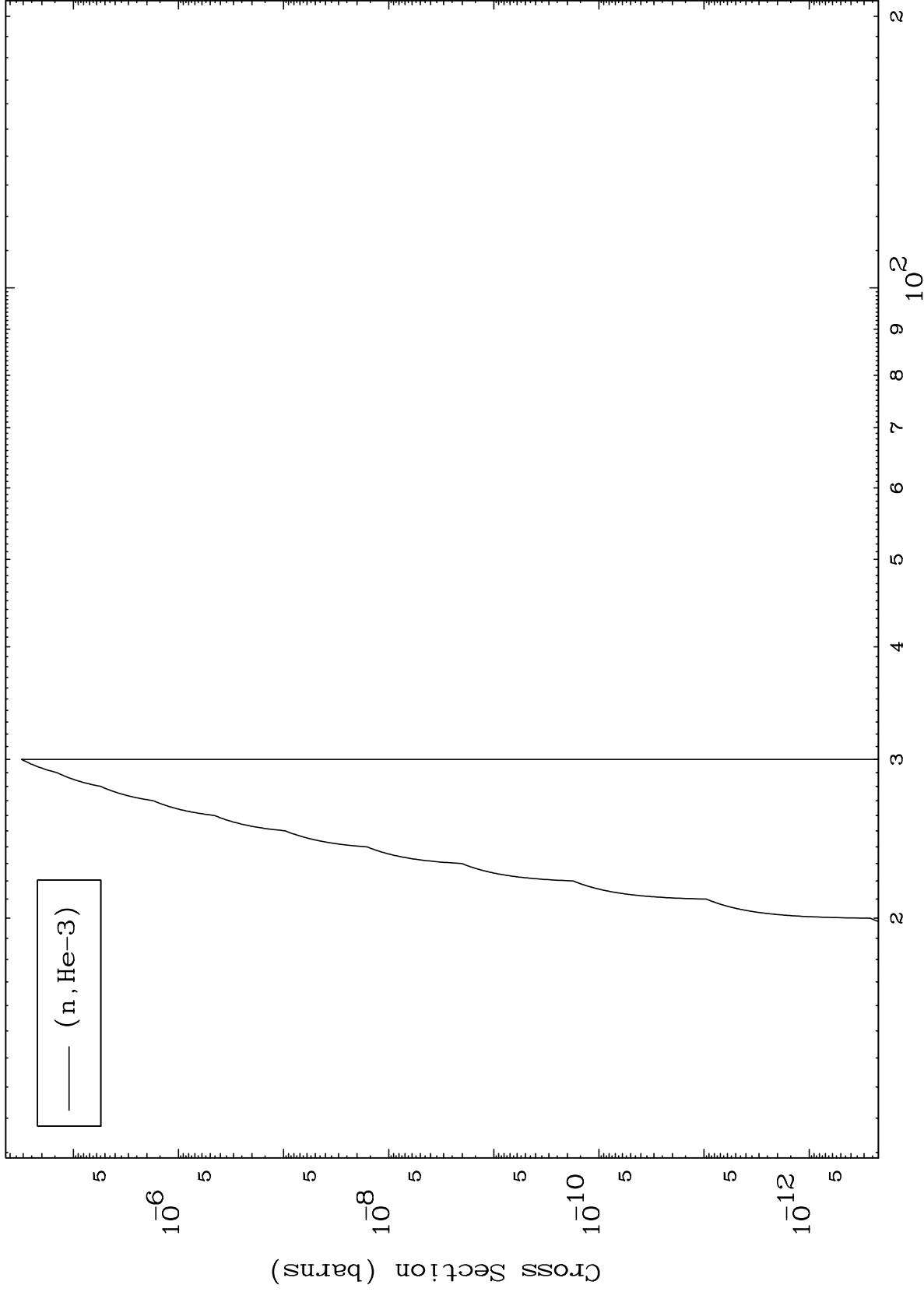
59-Pr-149



12

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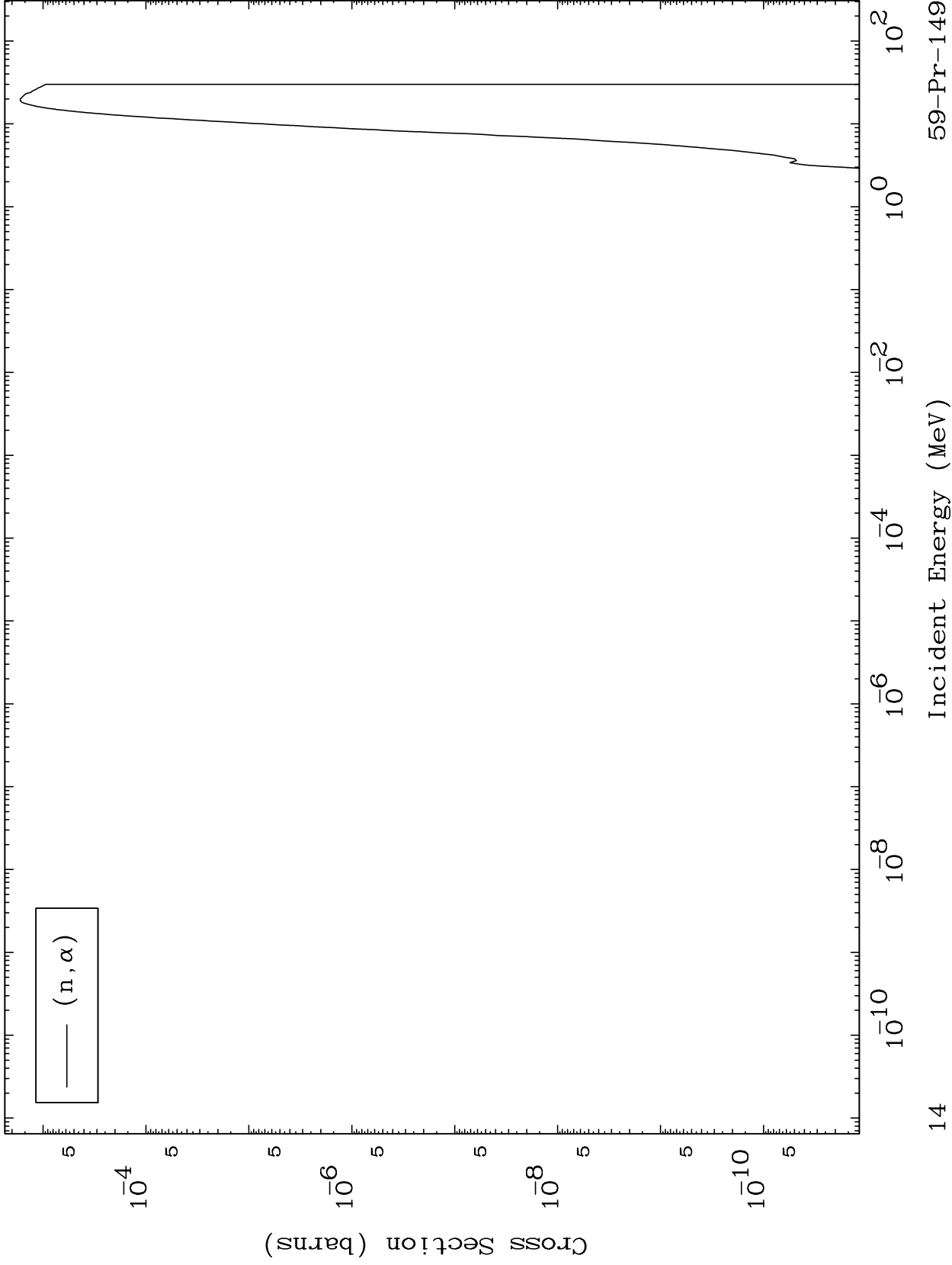
59-Pr-149



MAT 5949

(n, α) Levels
293 Kelvin Cross Sections

59-Pr-149



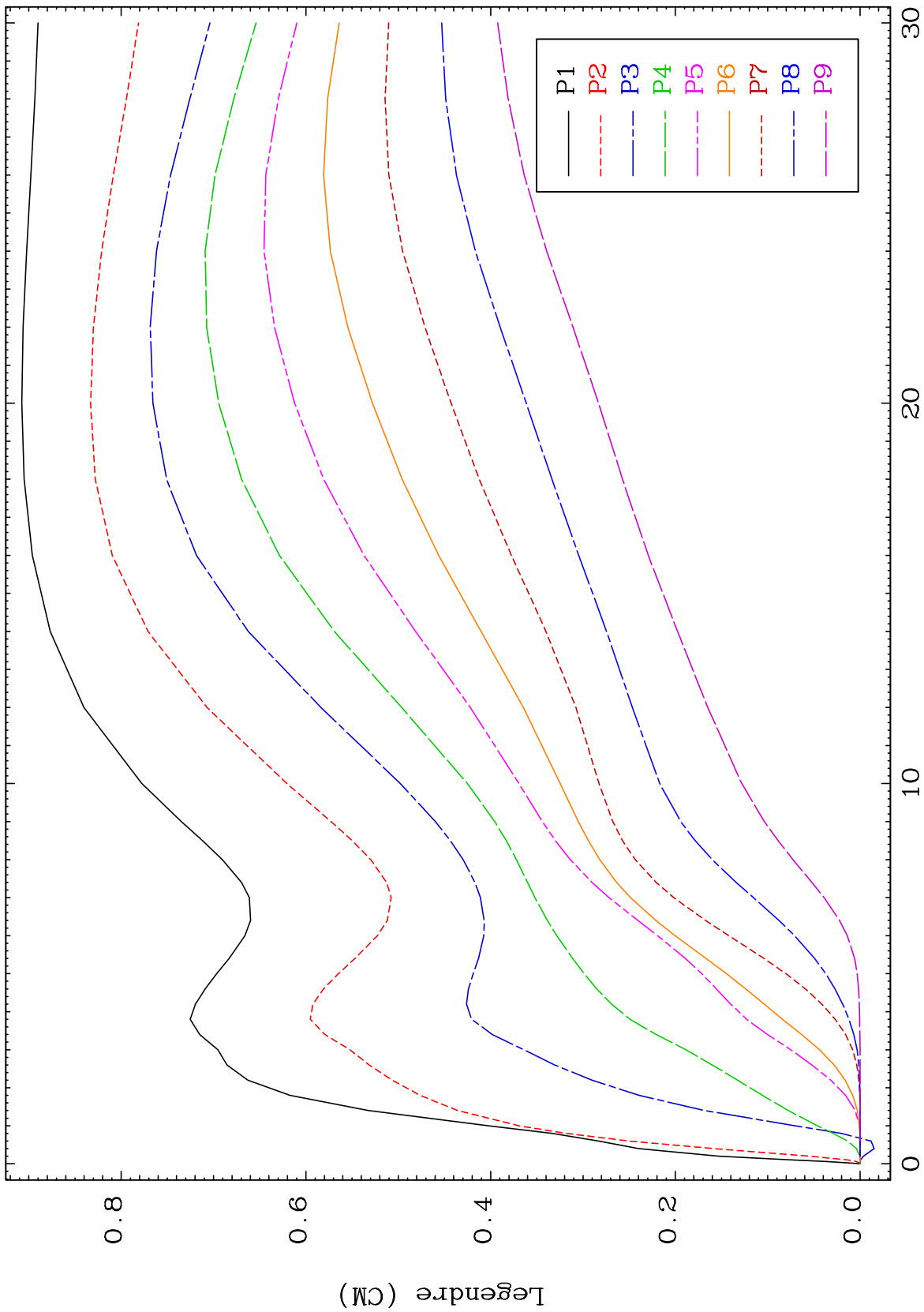
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59-Pr-149

MAT 5949

59-Pr-149

Elastic Legendre Coefficients



59-Pr-149

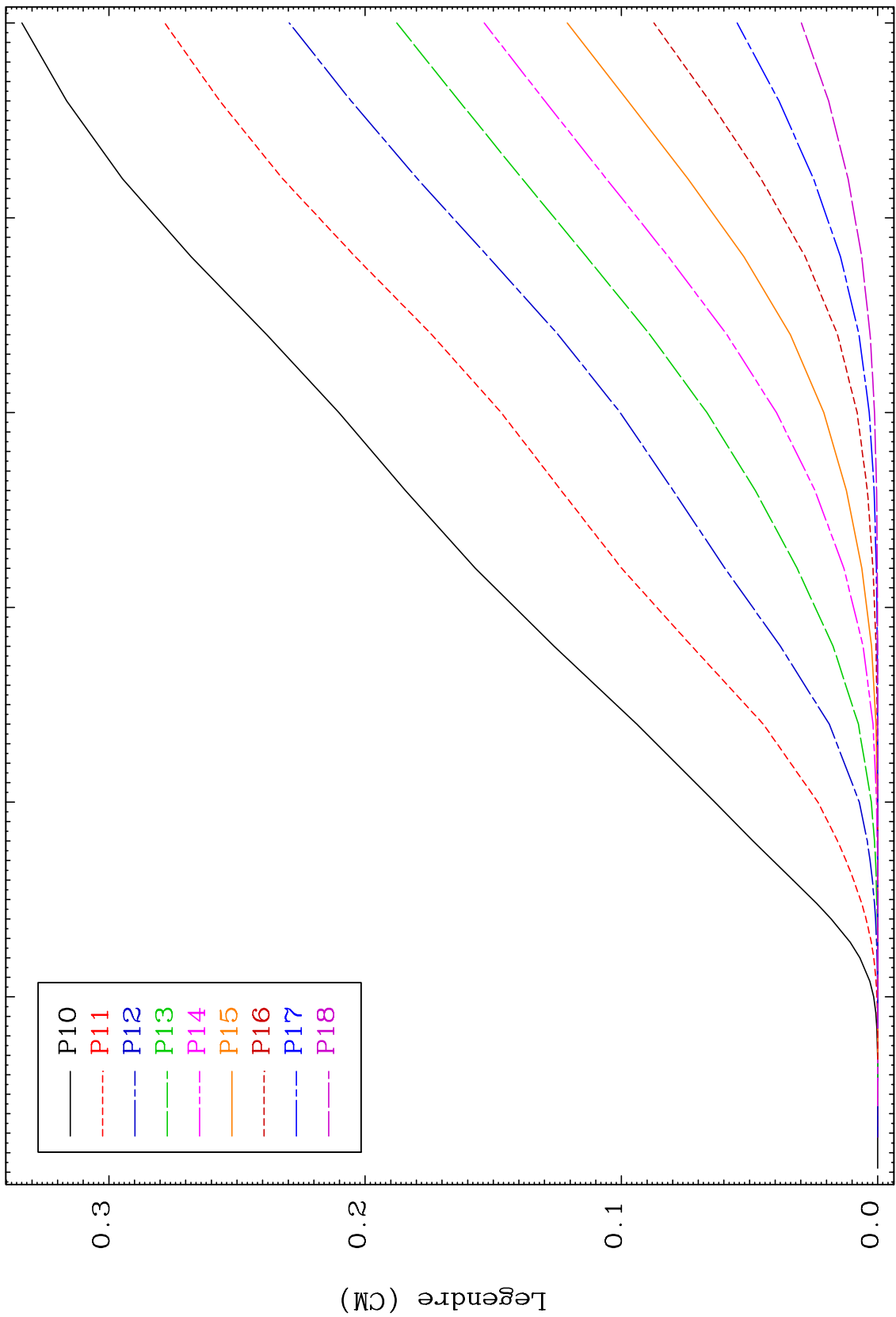
Incident Energy (MeV)

15

MAT 5949

Elastic Legendre Coefficients

59-Pr-149



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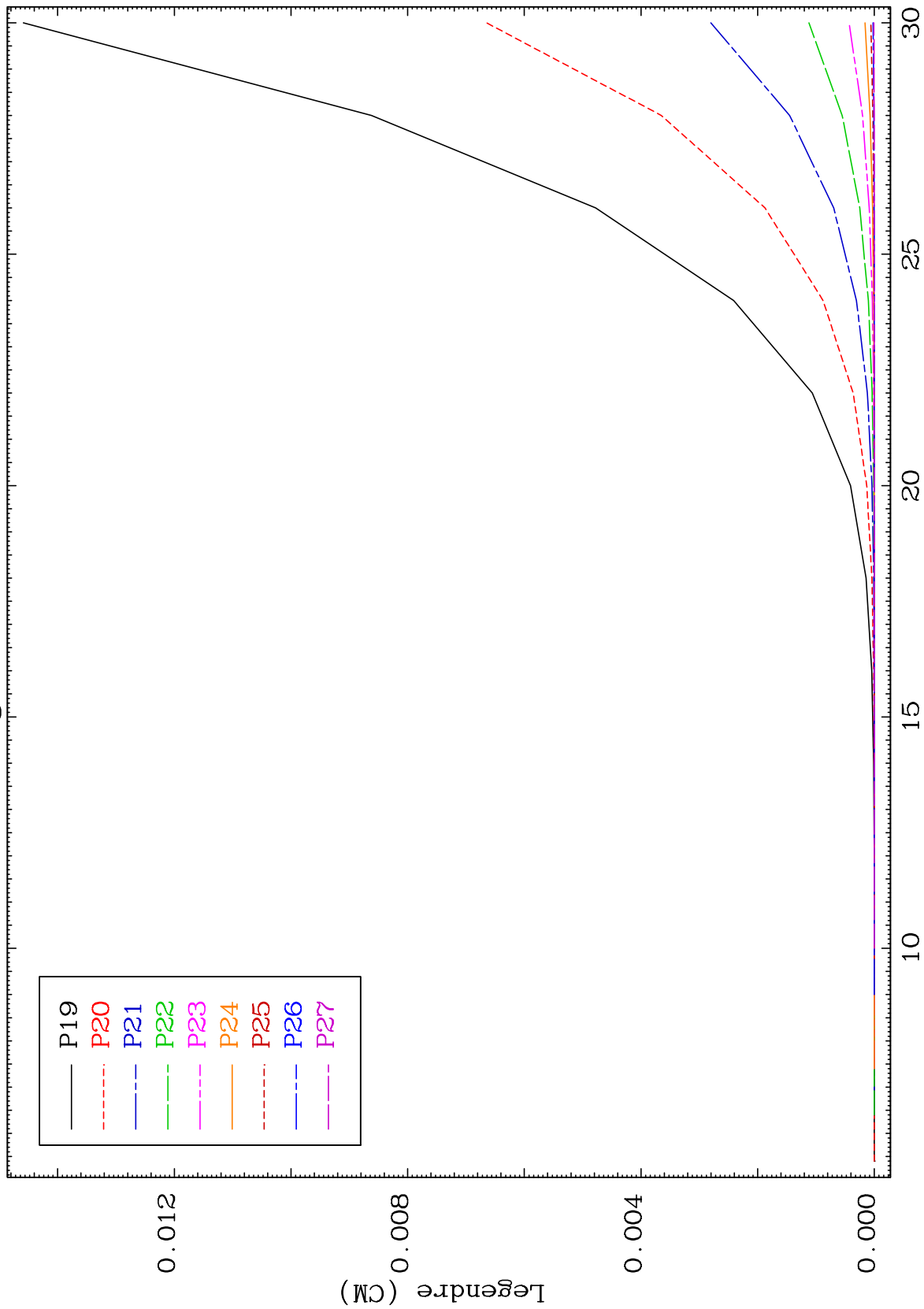
Incident Energy (MeV)

59-Pr-149

MAT 5949

Elastic Legendre Coefficients

59-Pr-149



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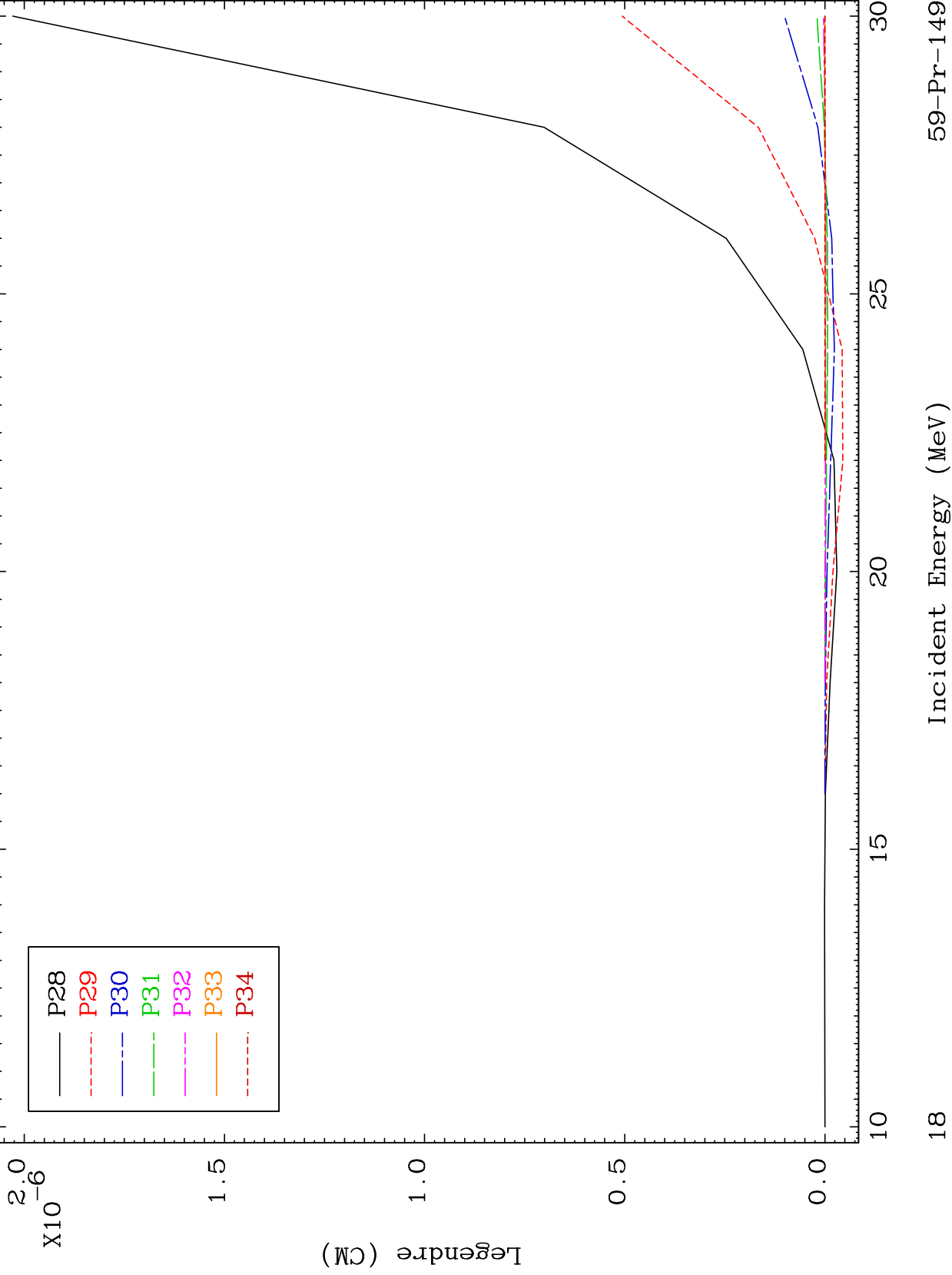
Incident Energy (MeV)

59-Pr-149

MAT 5949

Elastic Legendre Coefficients

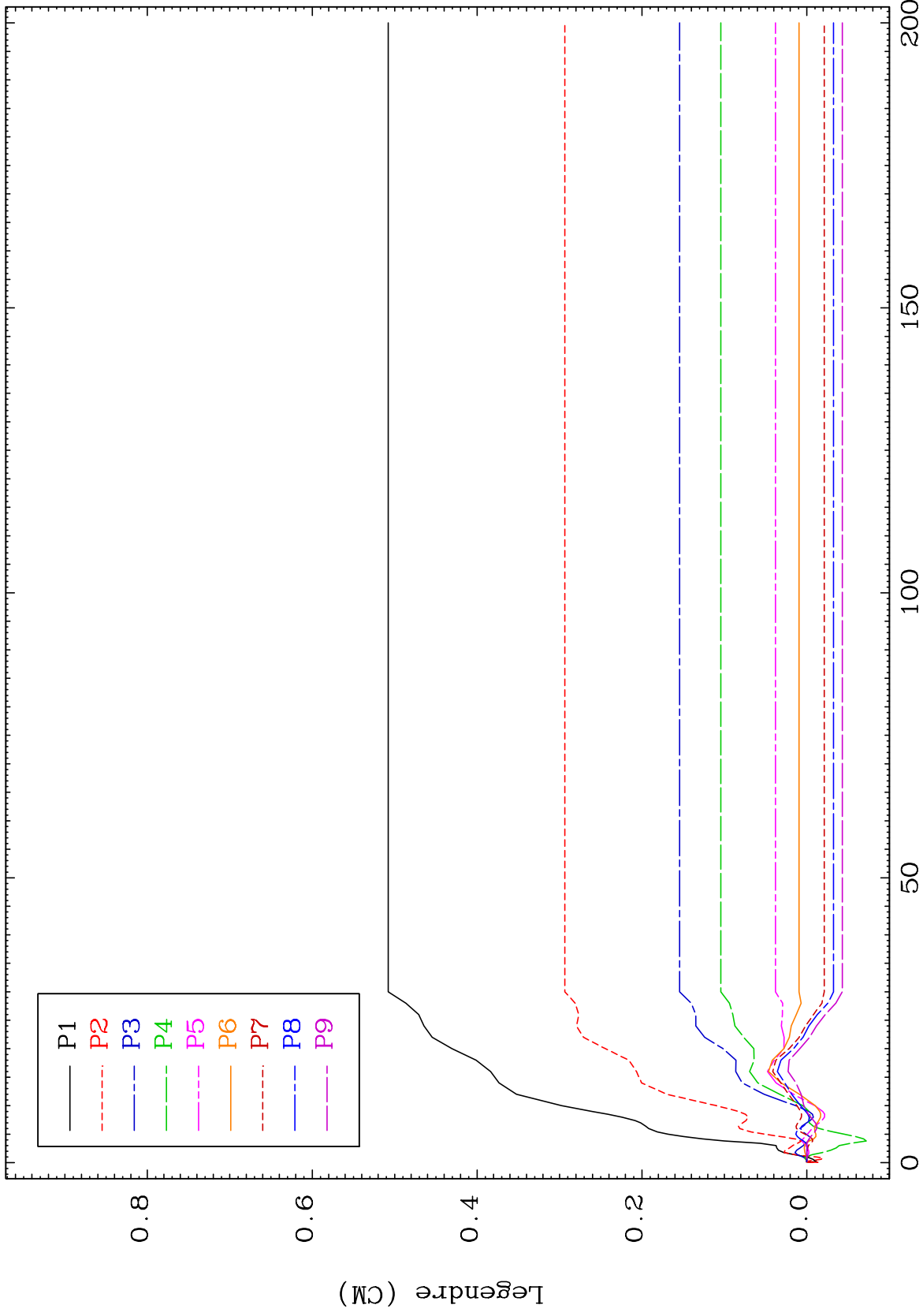
59-Pr-149



MAT 5949

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

59-Pr-149



19

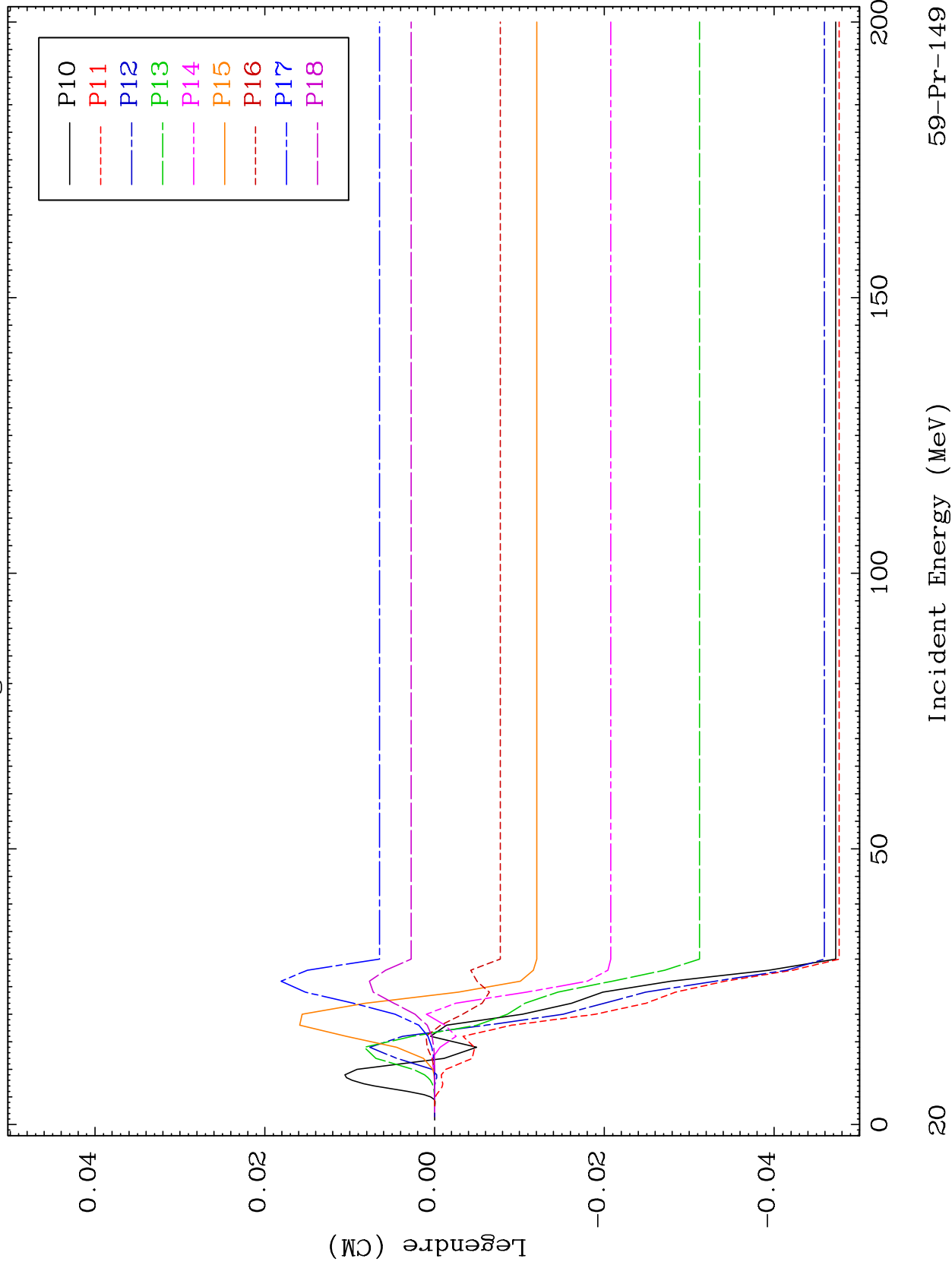
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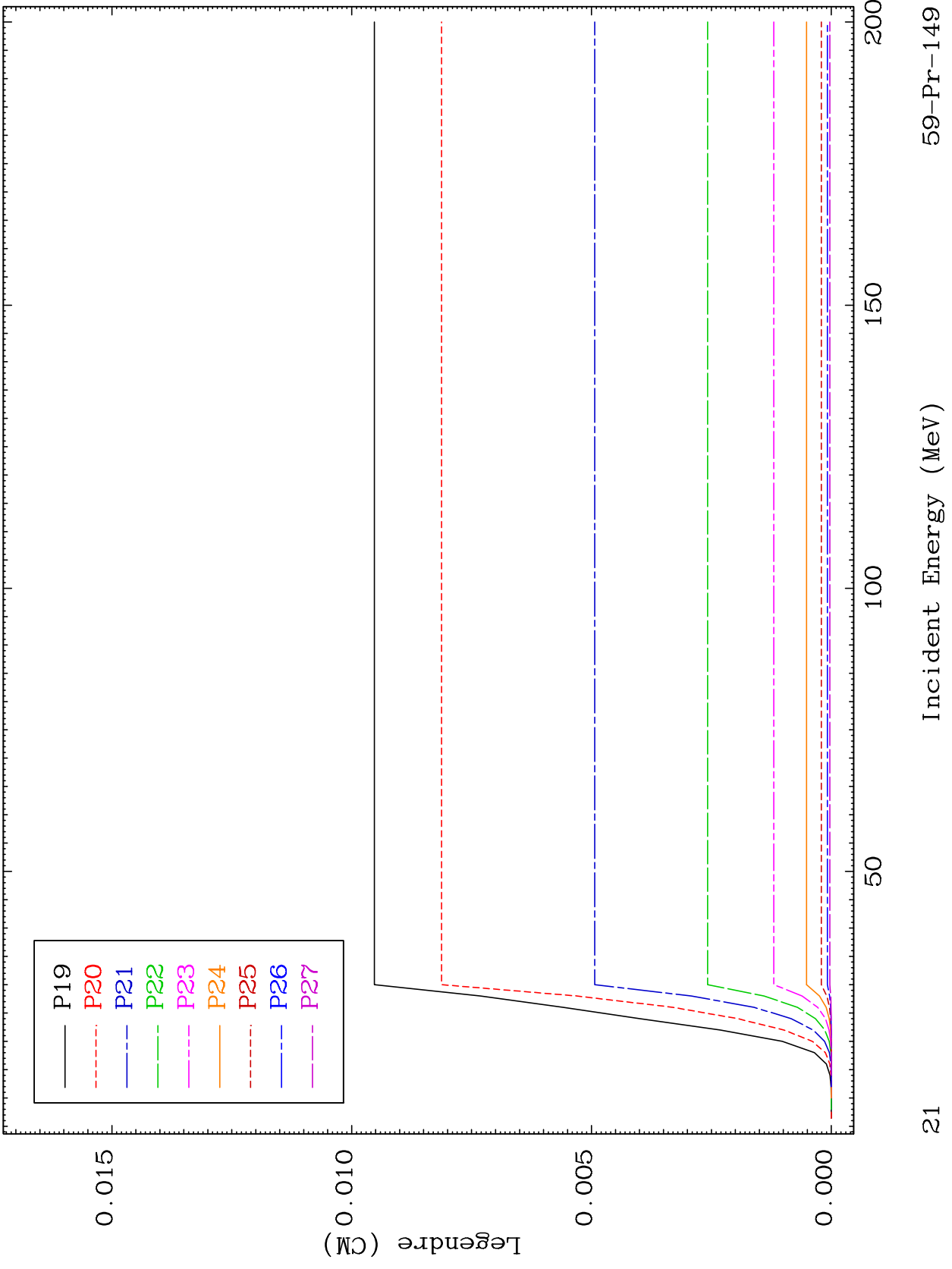
59-Pr-149

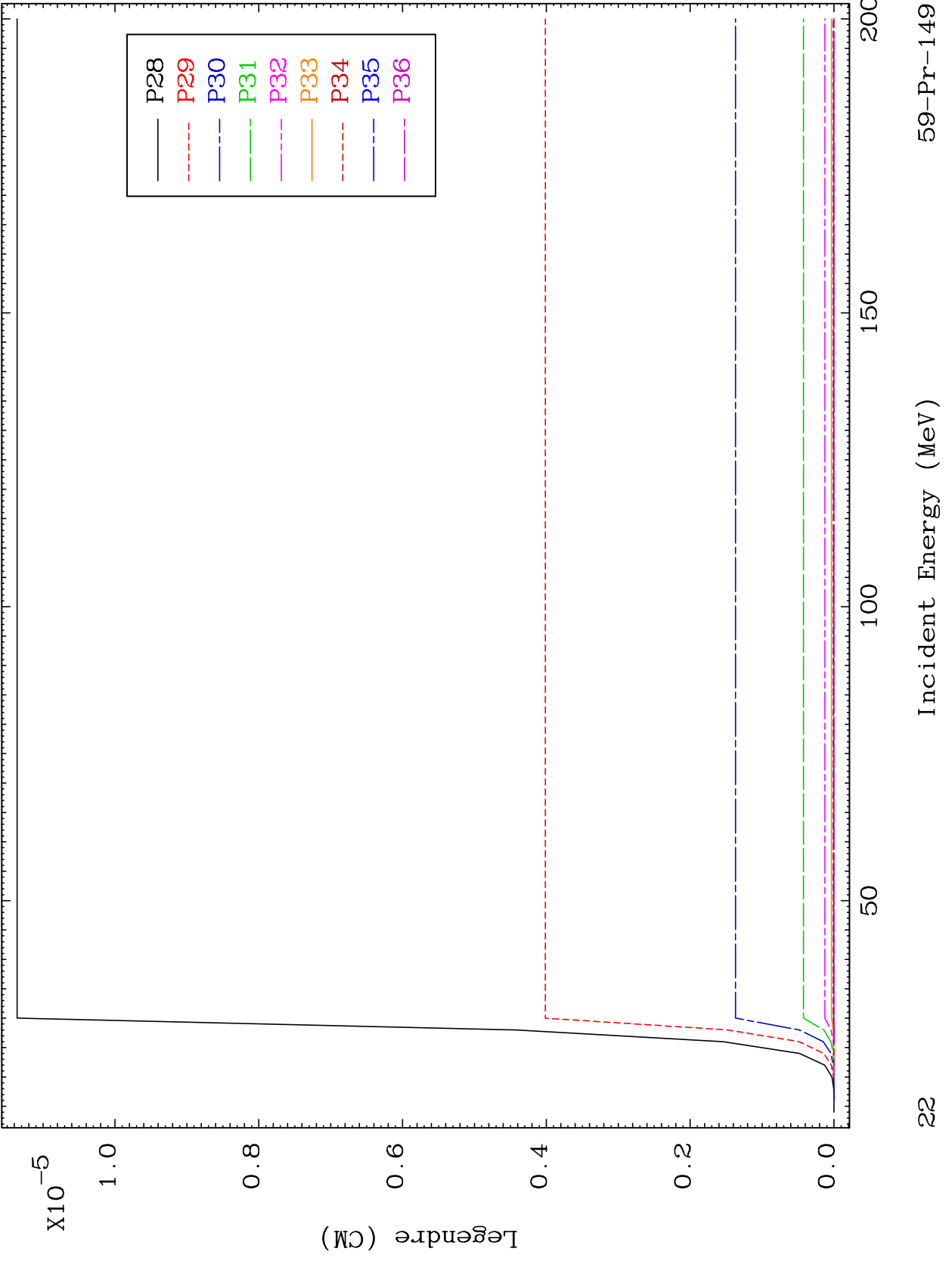
MAT 5949

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

59-Pr-149



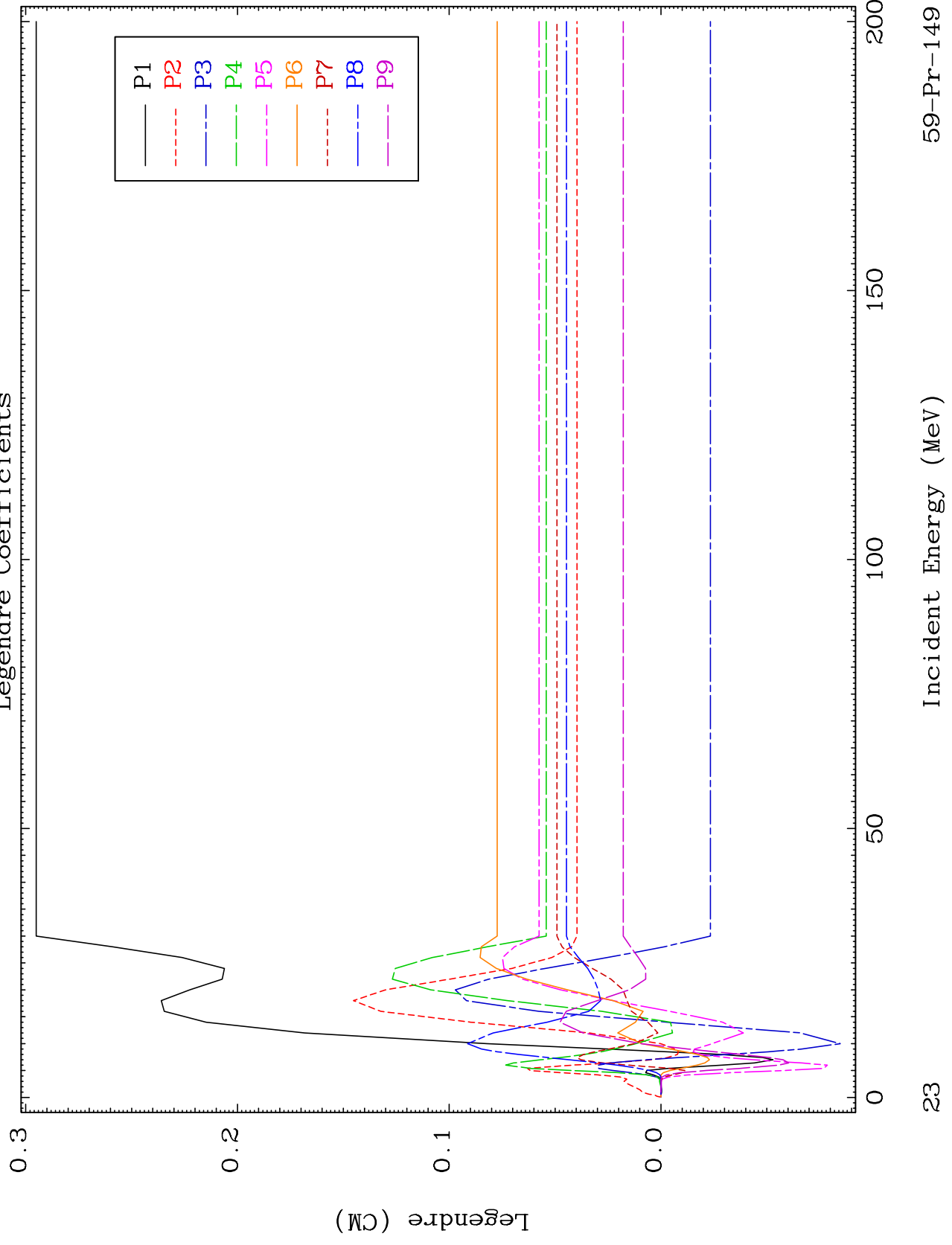




MAT 5949

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

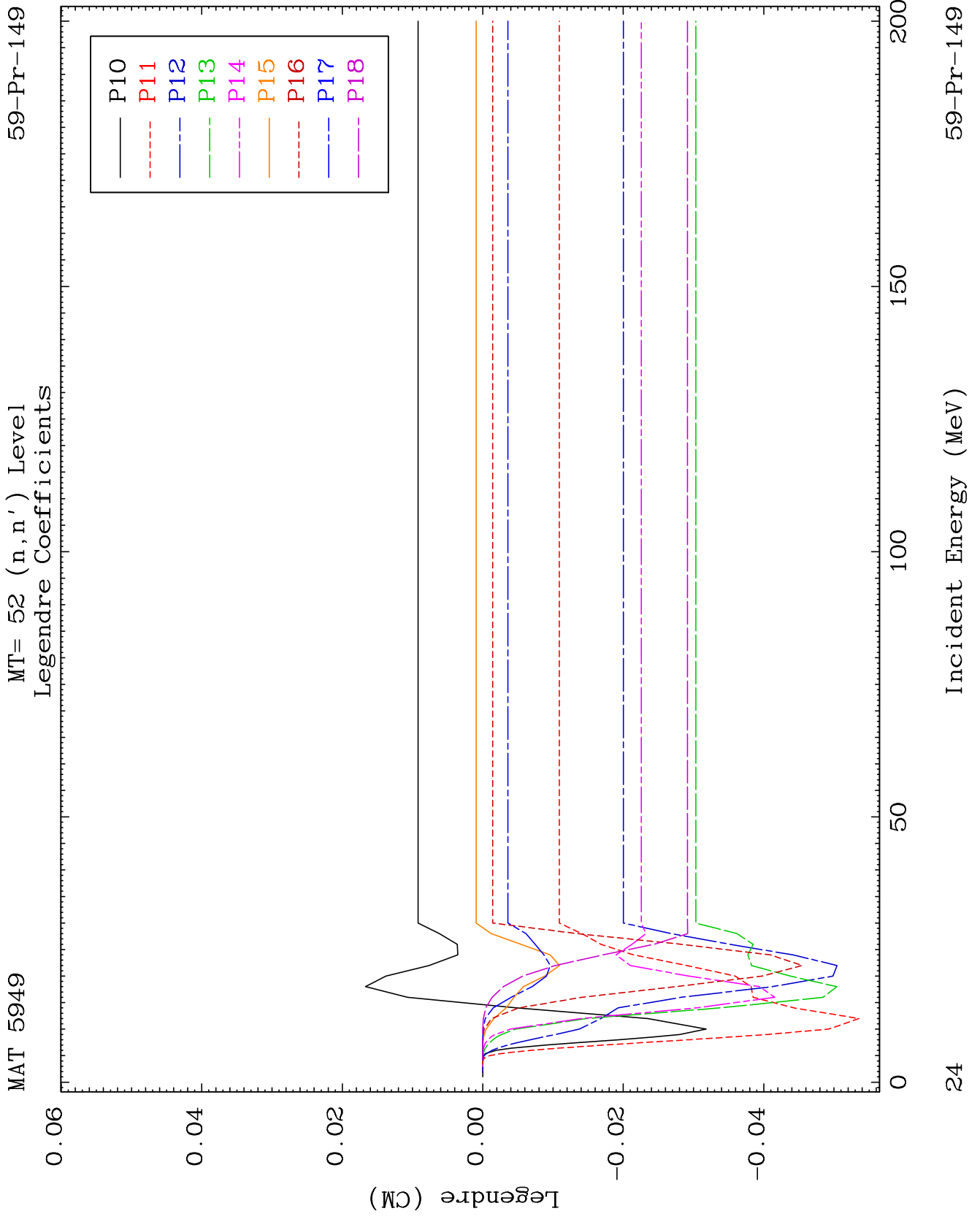
59-Pr-149



59-Pr-149

Incident Energy (MeV)

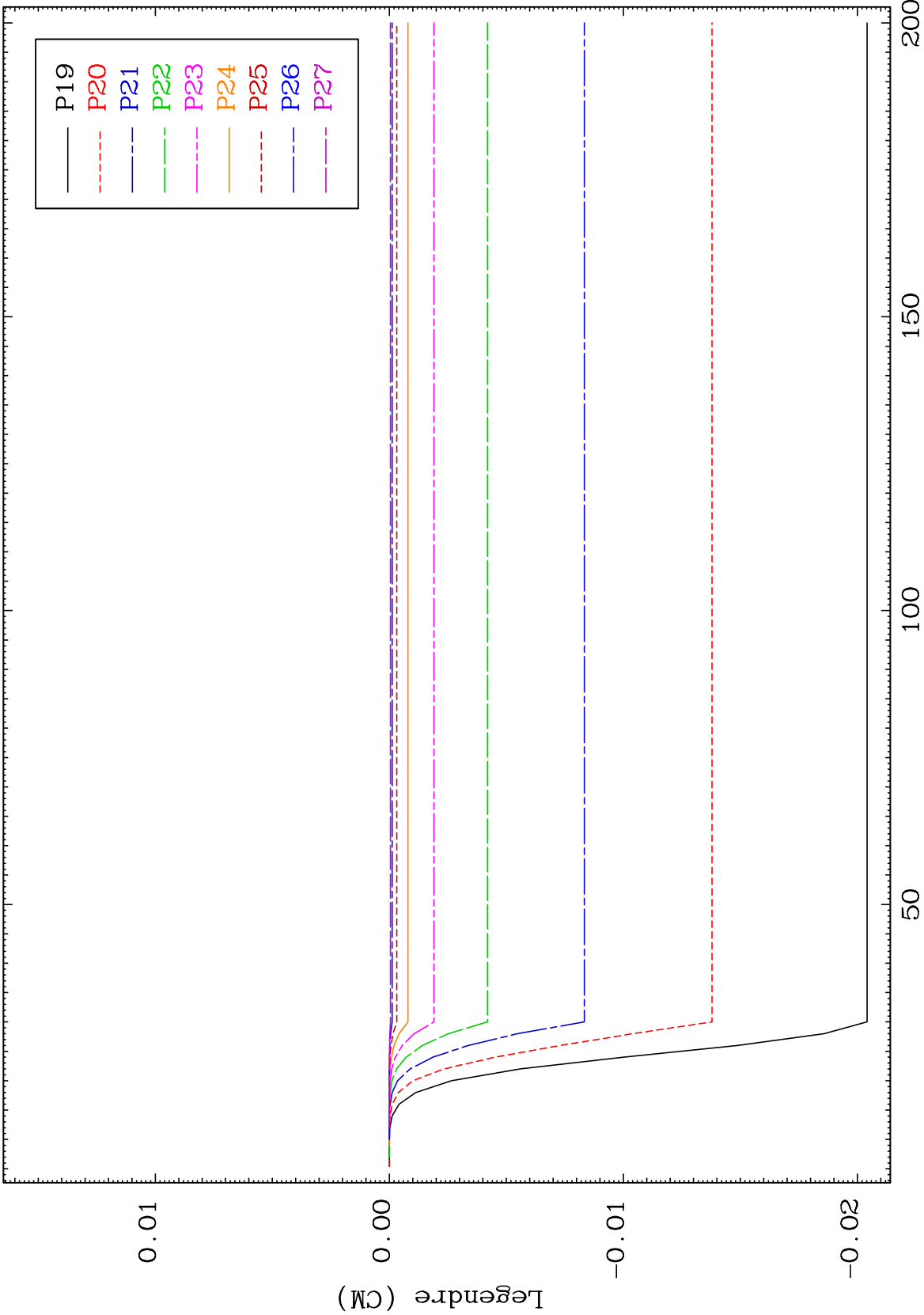
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MAT 5949

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

59-Pr-149



25

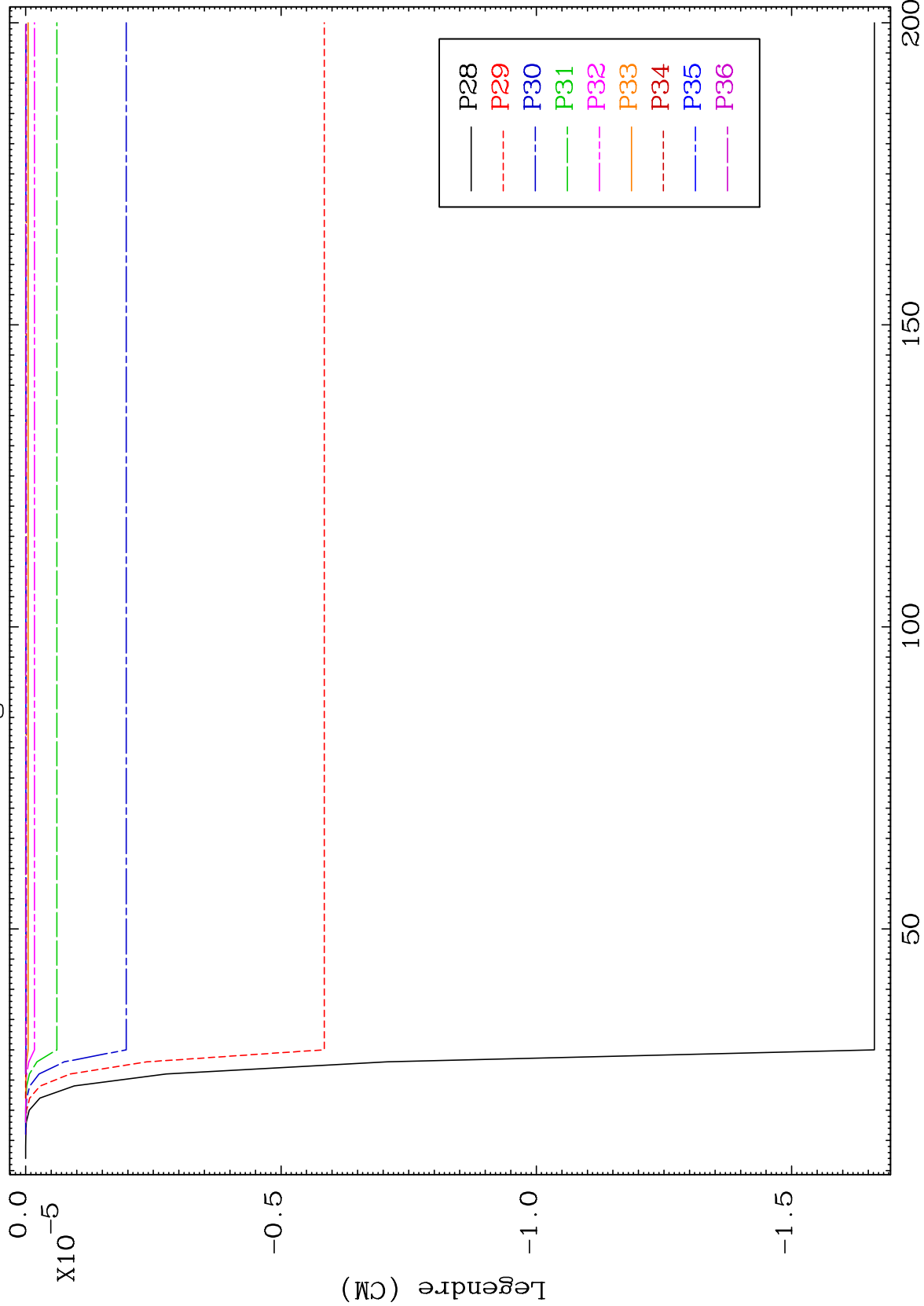
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



26

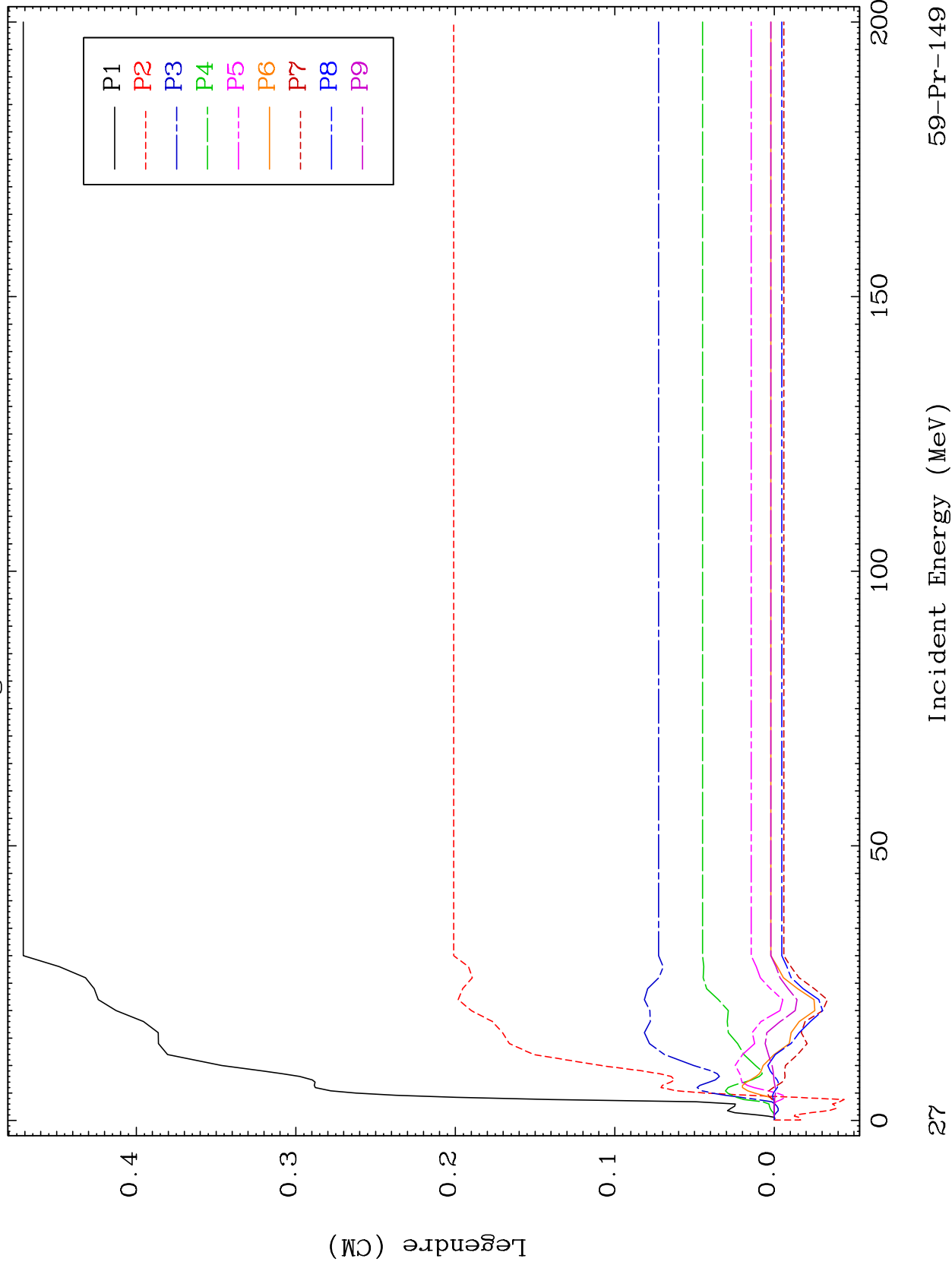
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



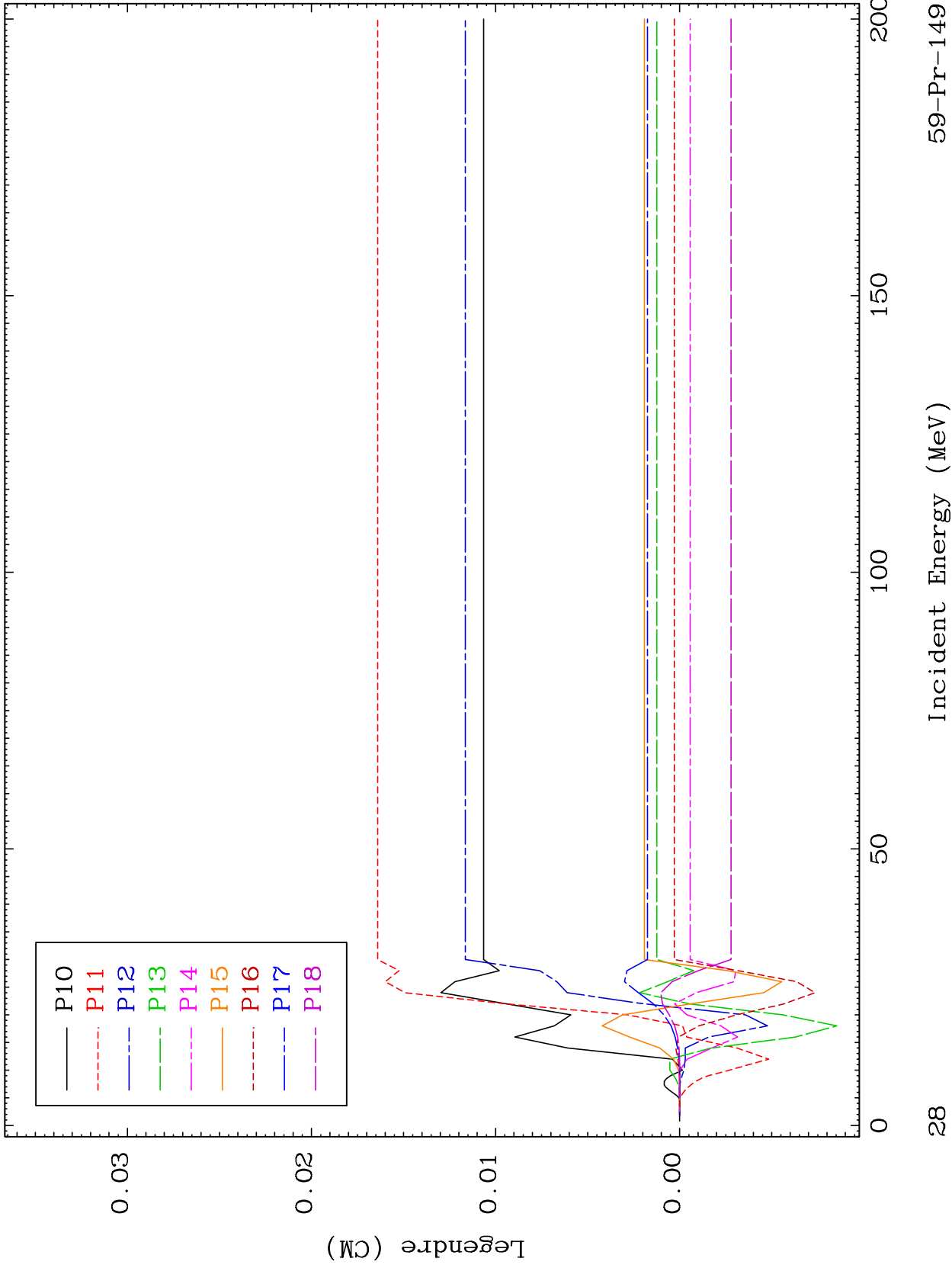
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59-Pr-149

MAT 5949

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

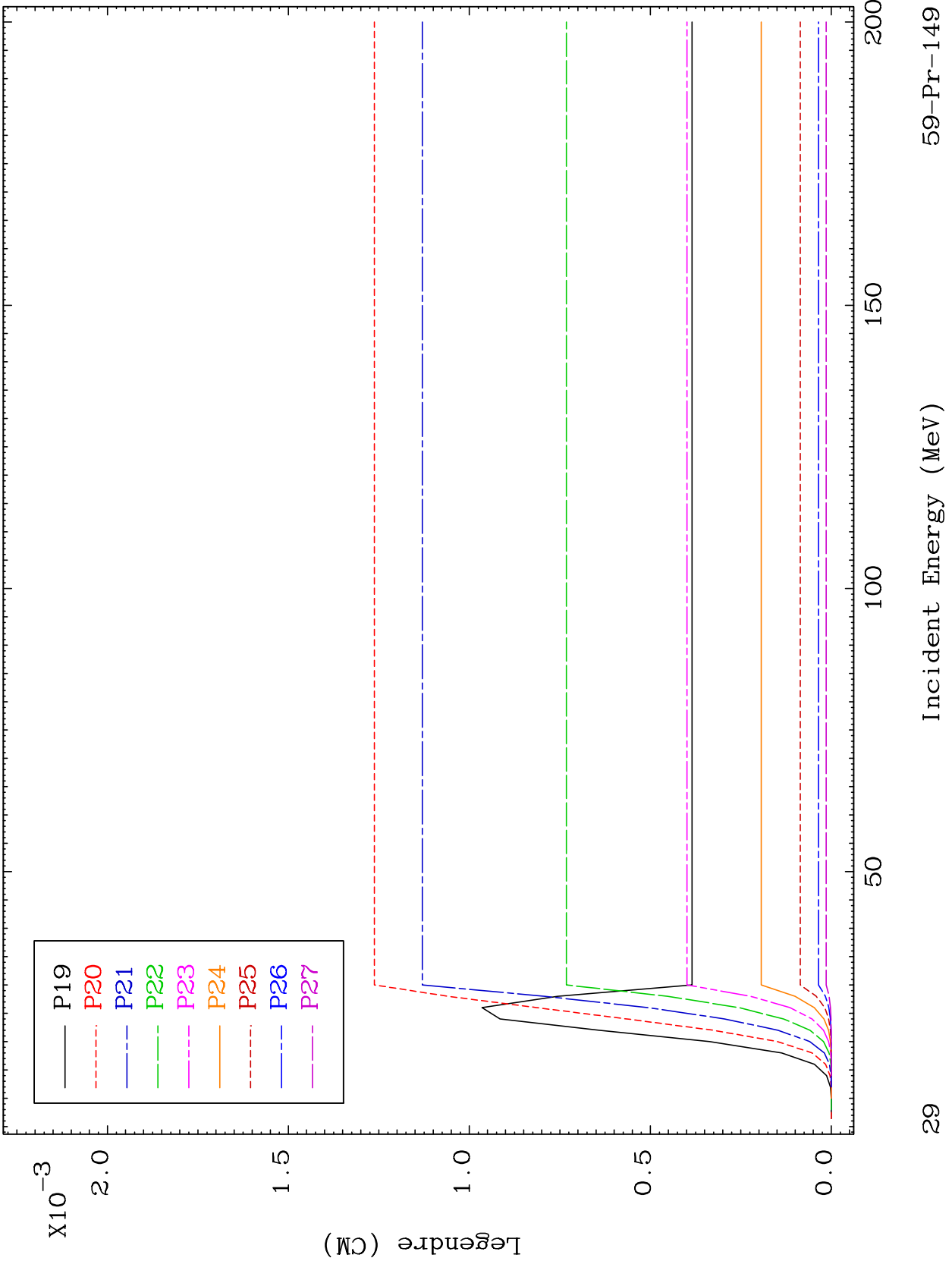
59-Pr-149



28

Incident Energy (MeV)

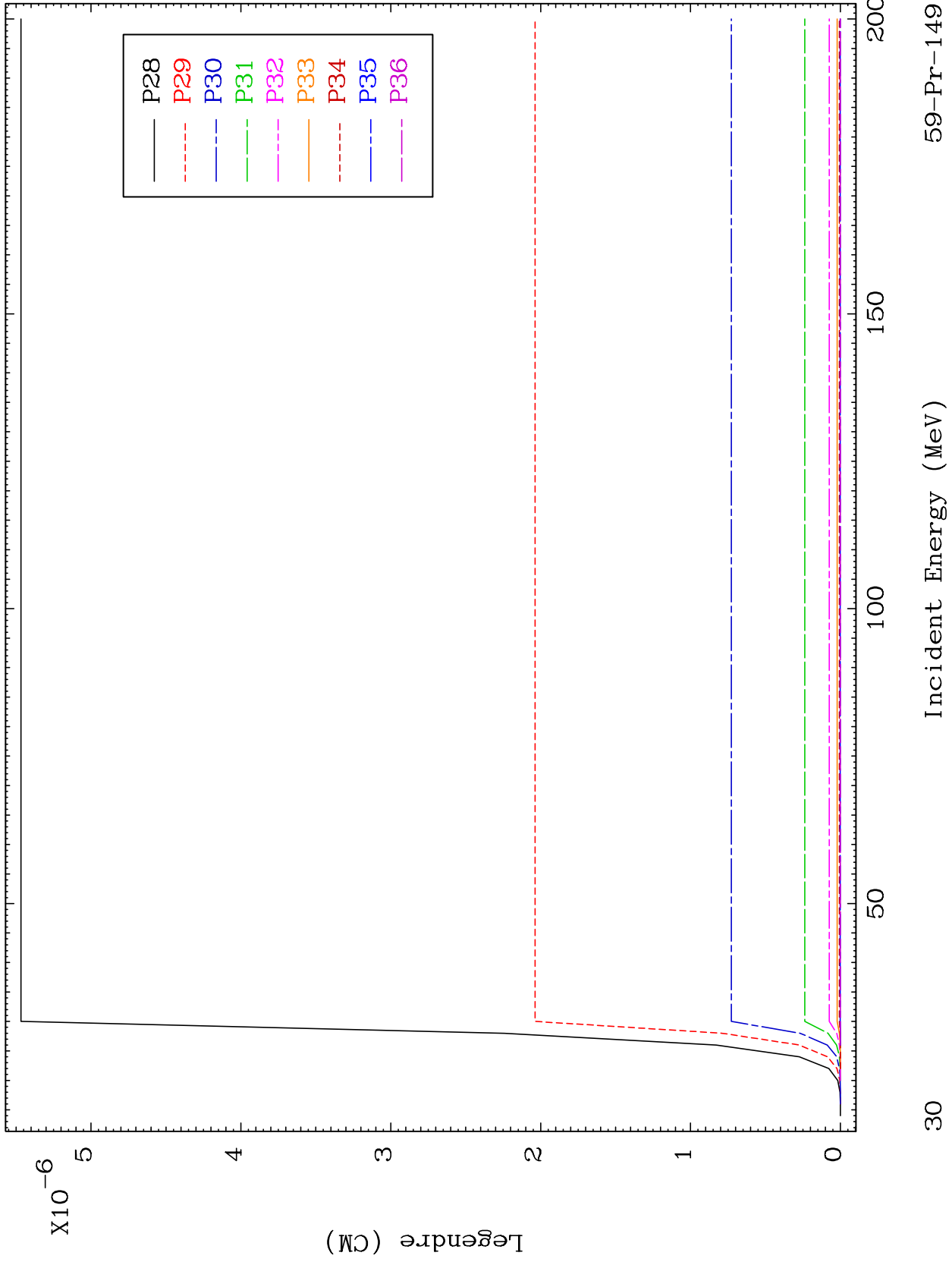
59-Pr-149



MAT 5949

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

59-Pr-149



30

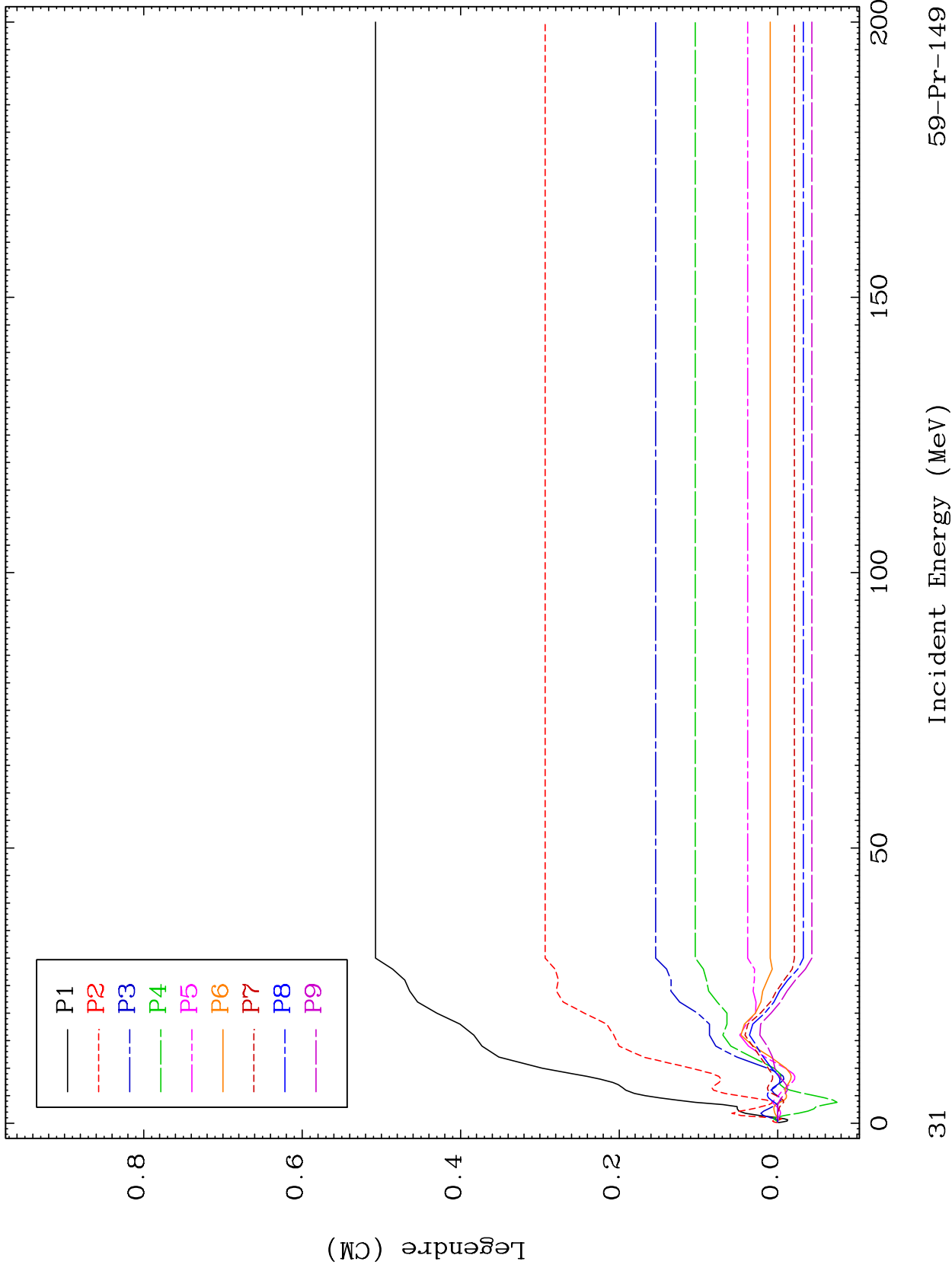
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100

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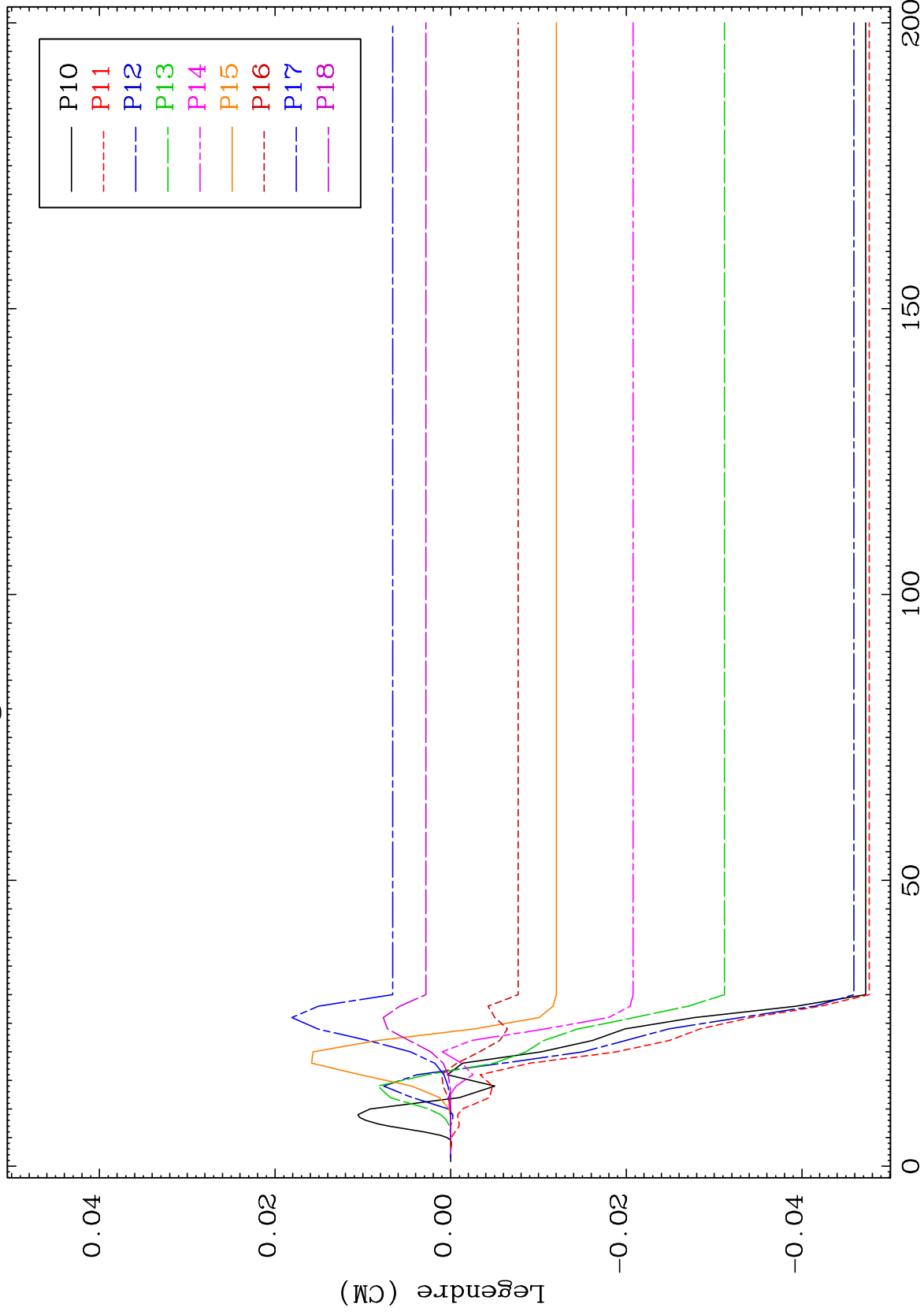
59-Pr-149



MAT 5949

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

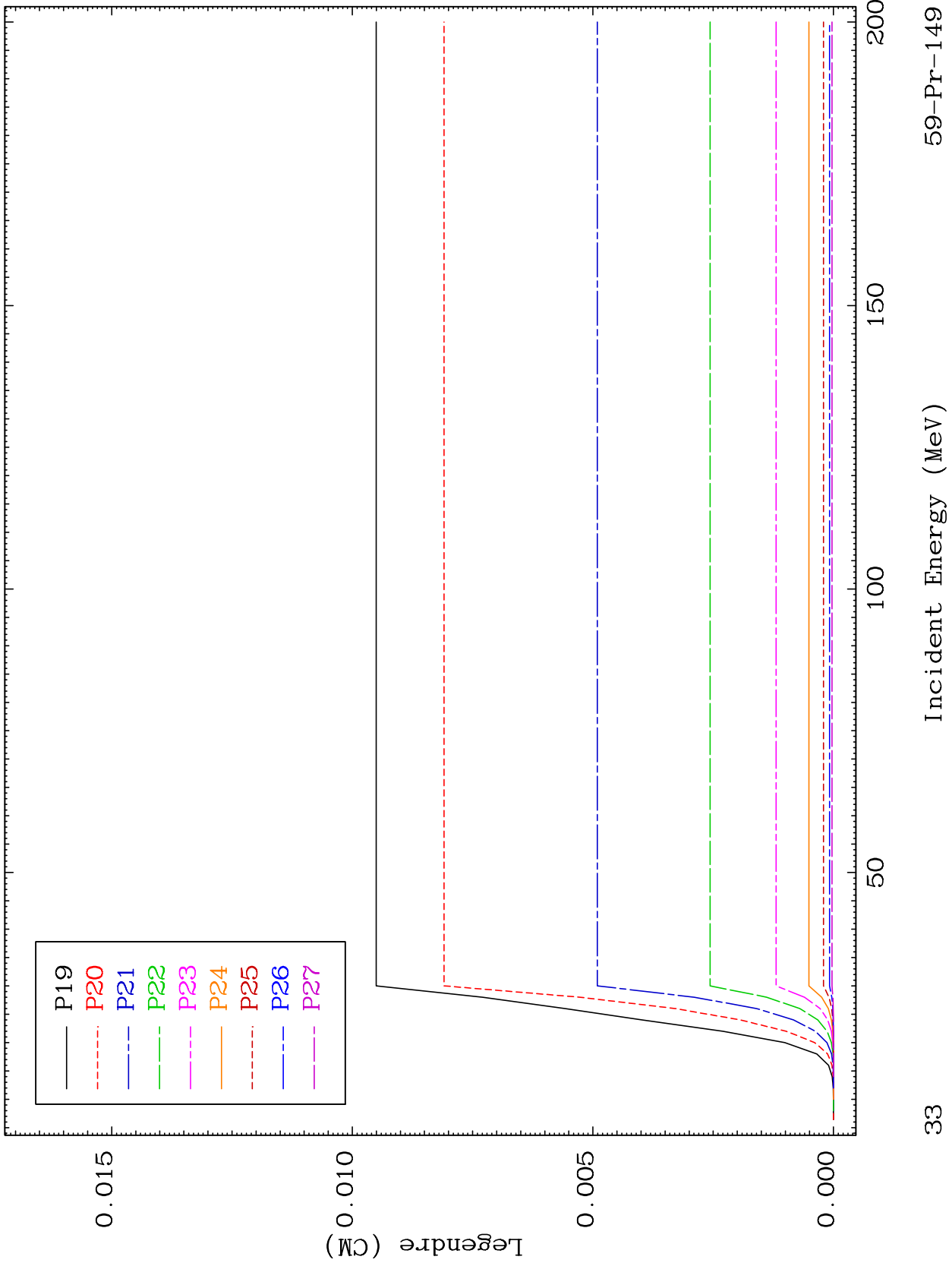
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32

Incident Energy (MeV)

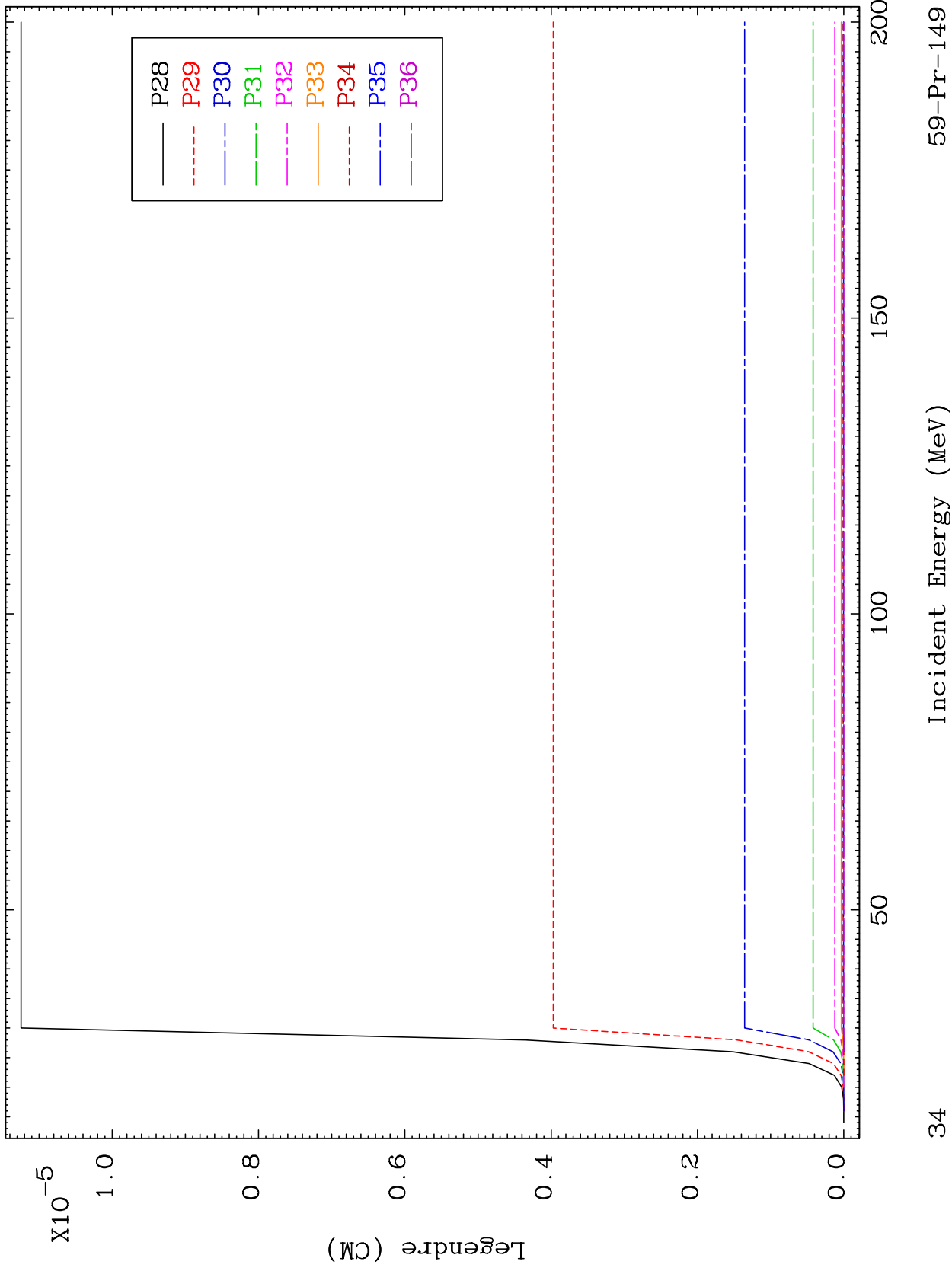
59-Pr-149



MAT 5949

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

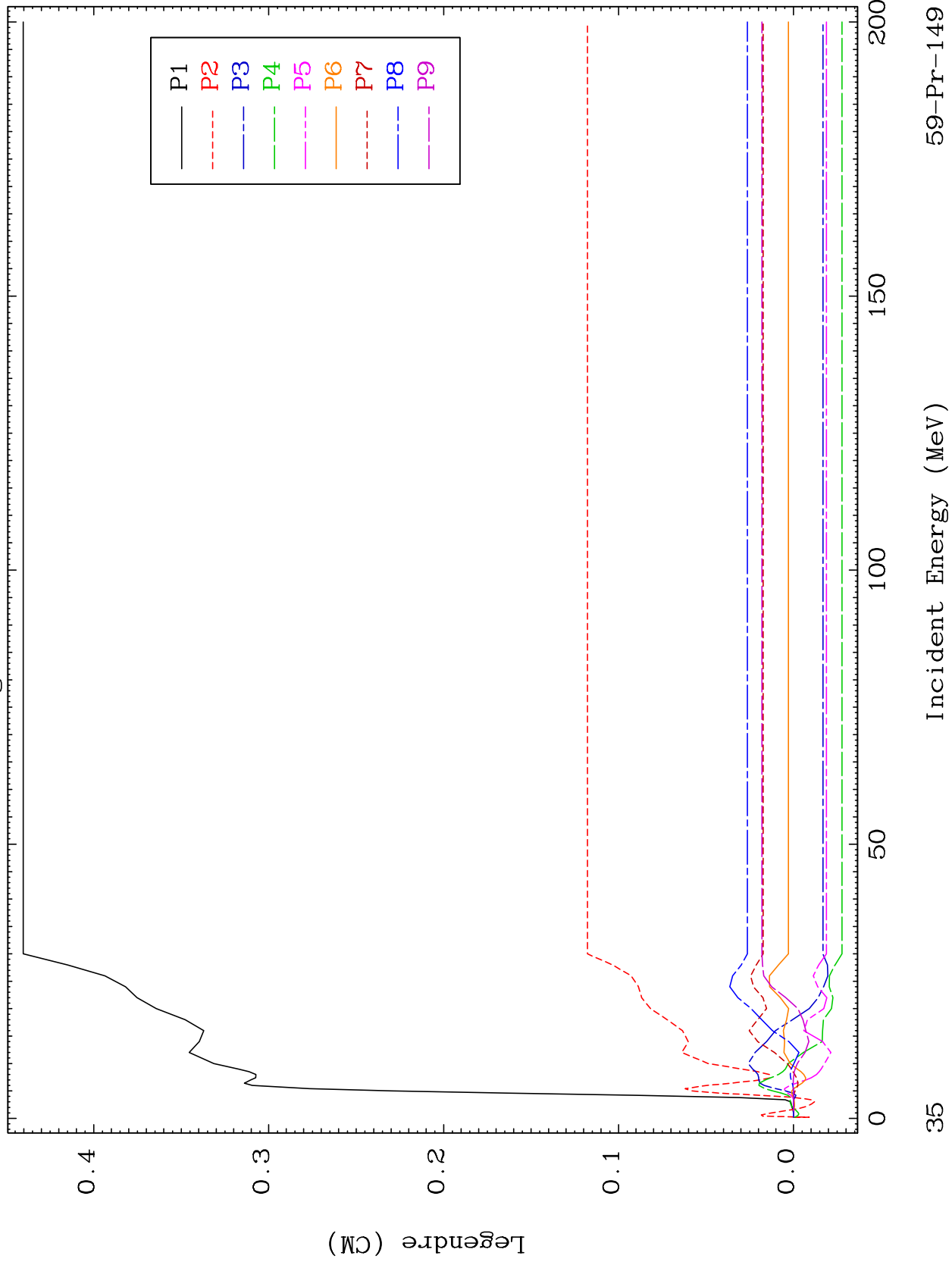
59-Pr-149



MAT 5949

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

59-Pr-149



59-Pr-149

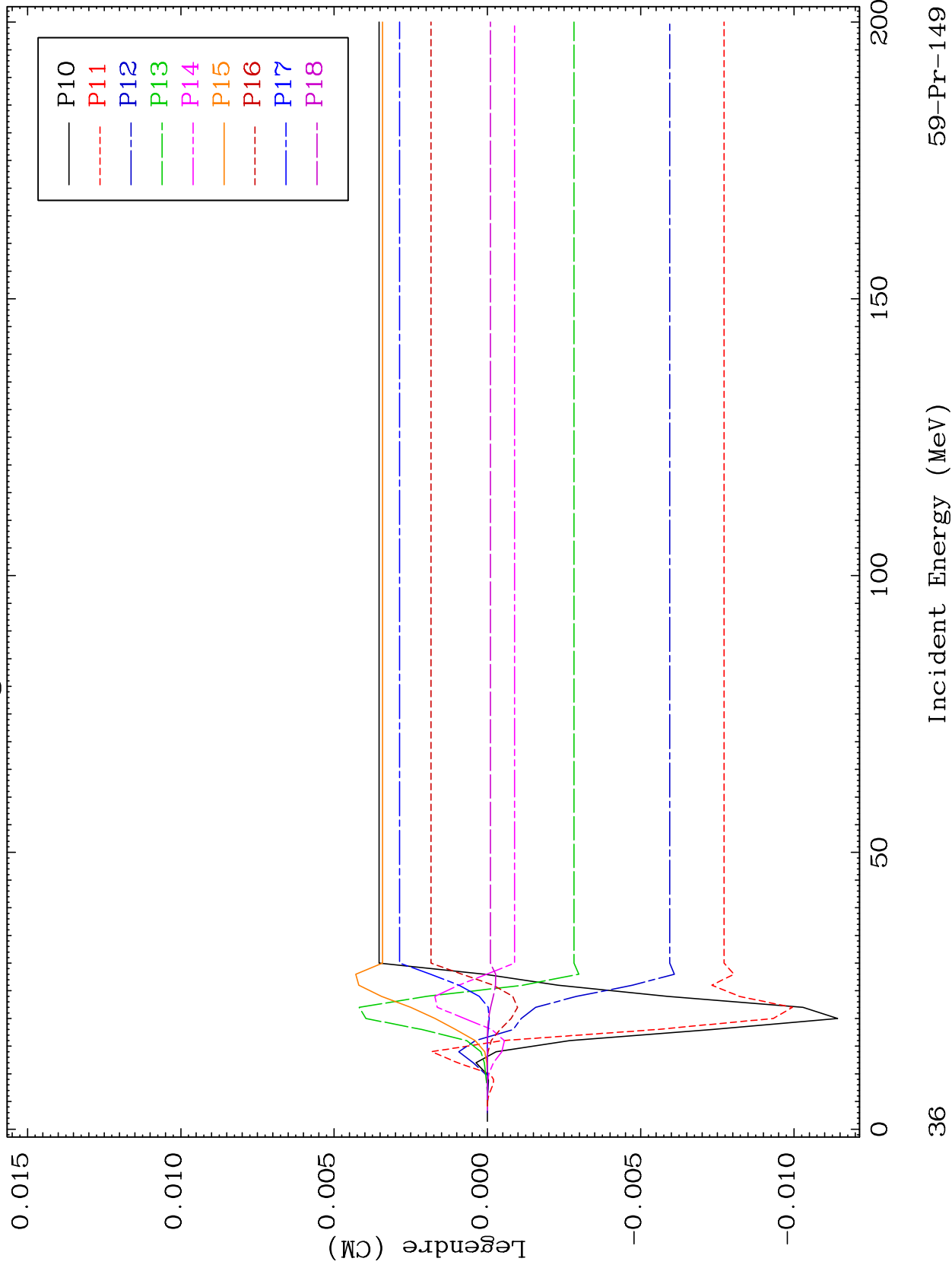
Incident Energy (MeV)

35

MAT 5949

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

59-Pr-149



36

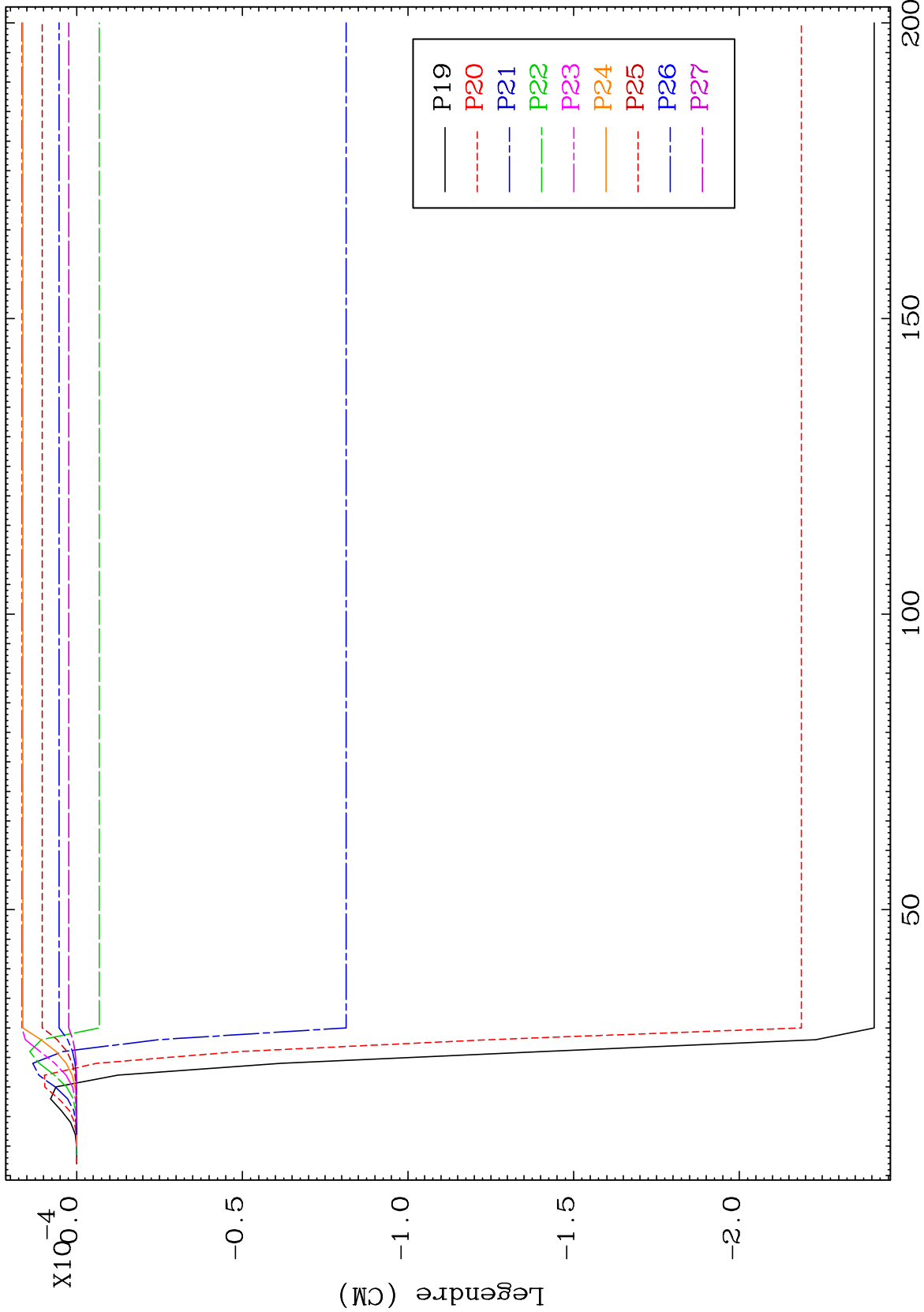
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



37

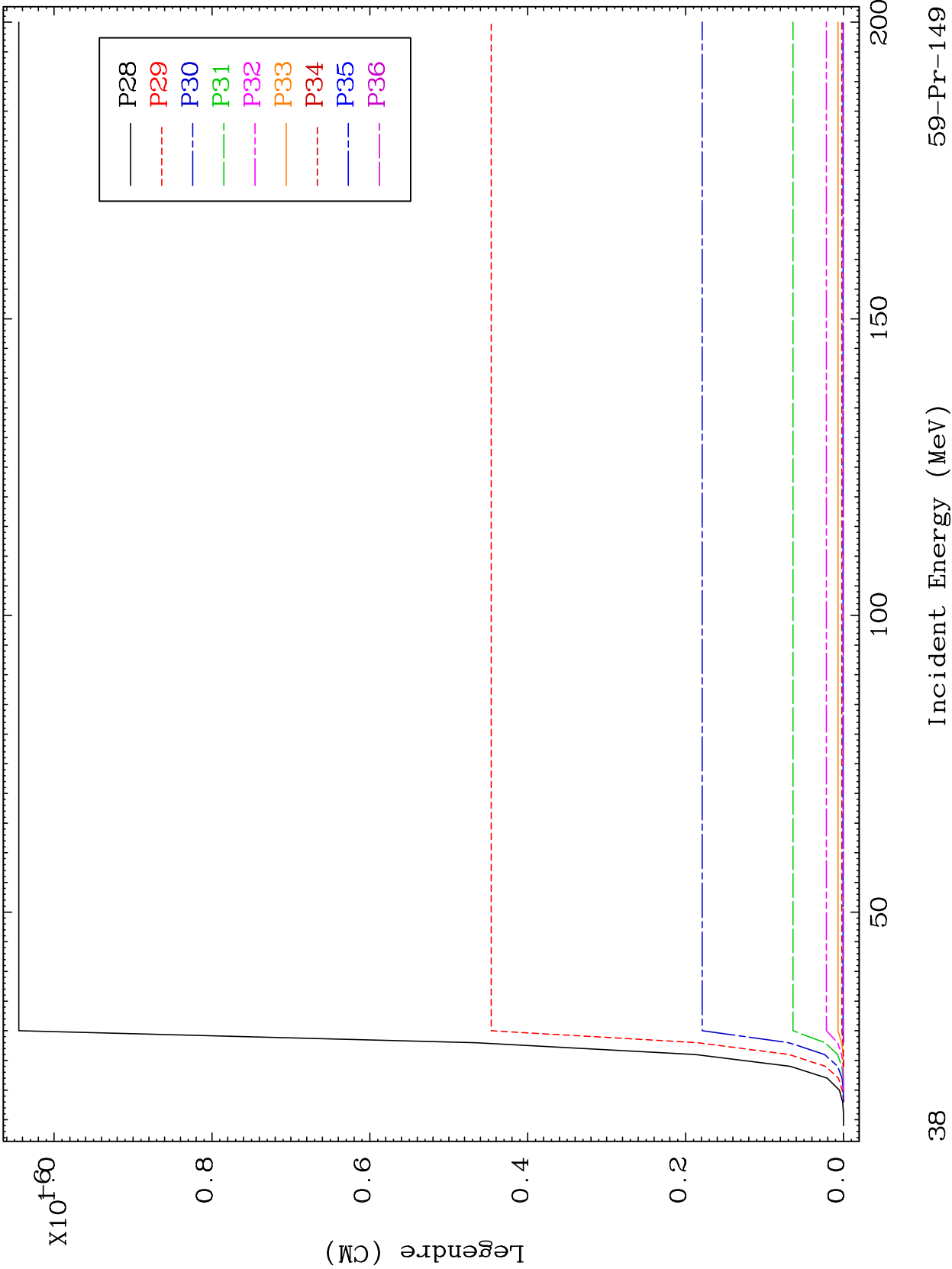
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



38

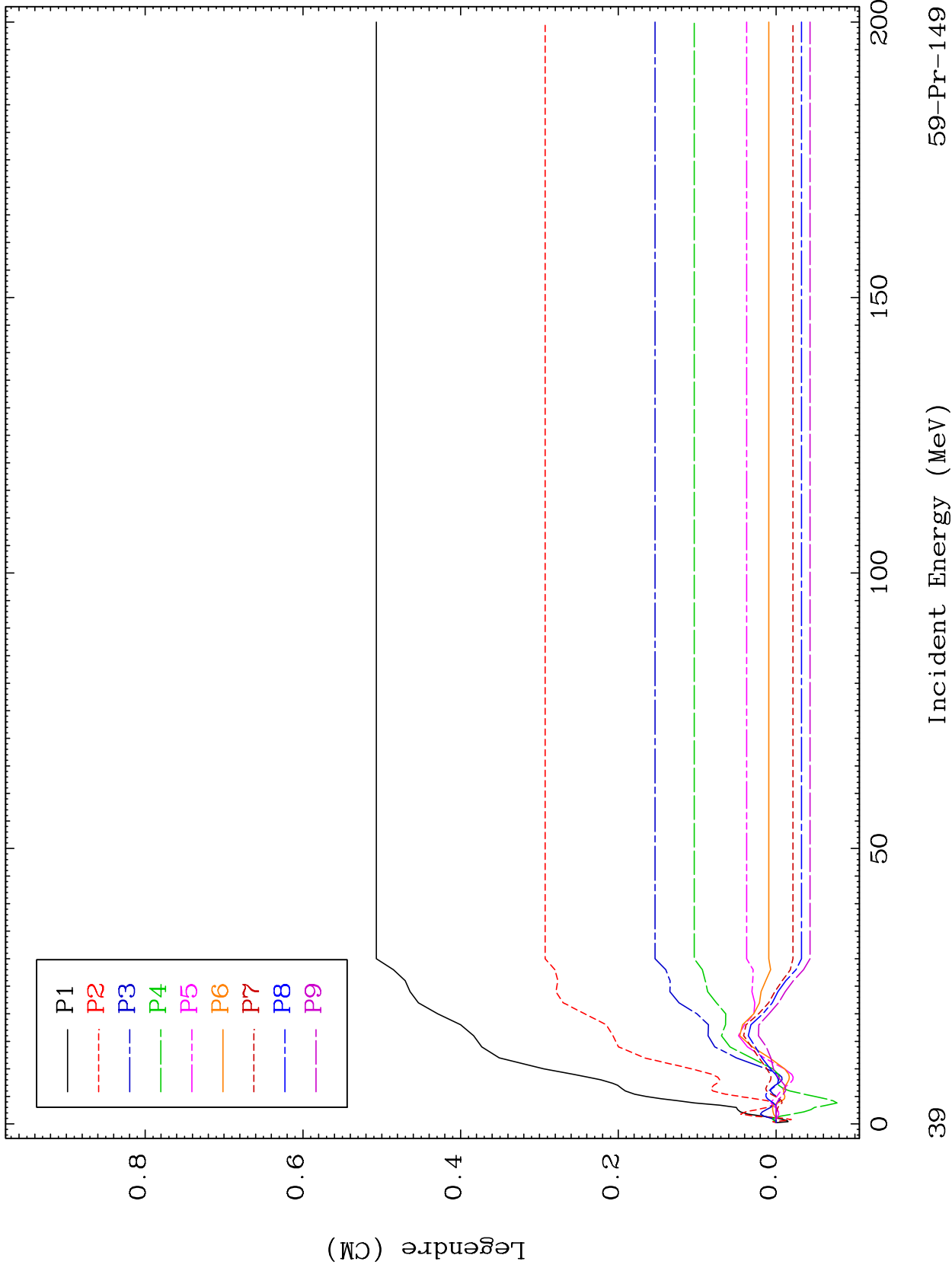
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

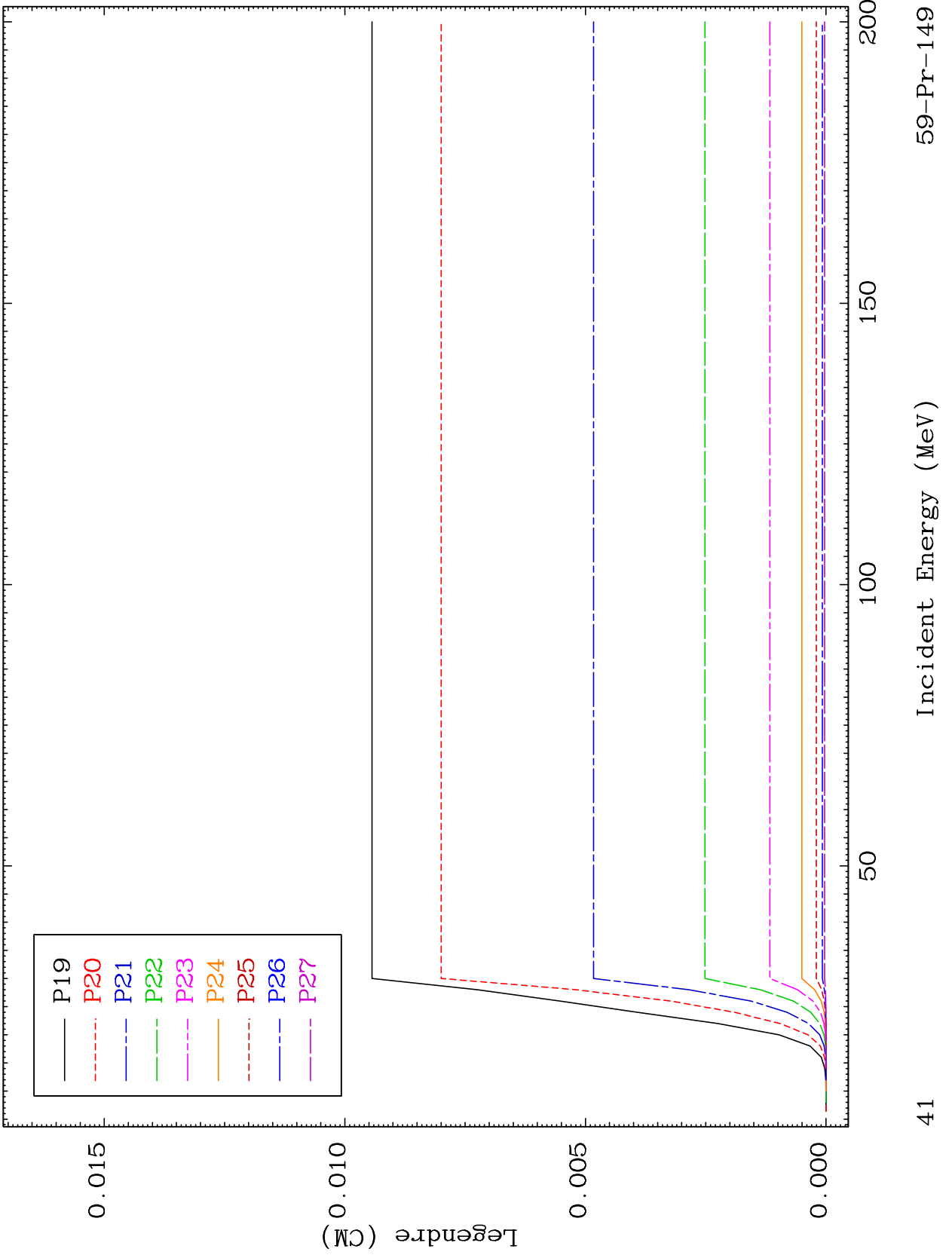
59-Pr-149



39

Incident Energy (MeV)

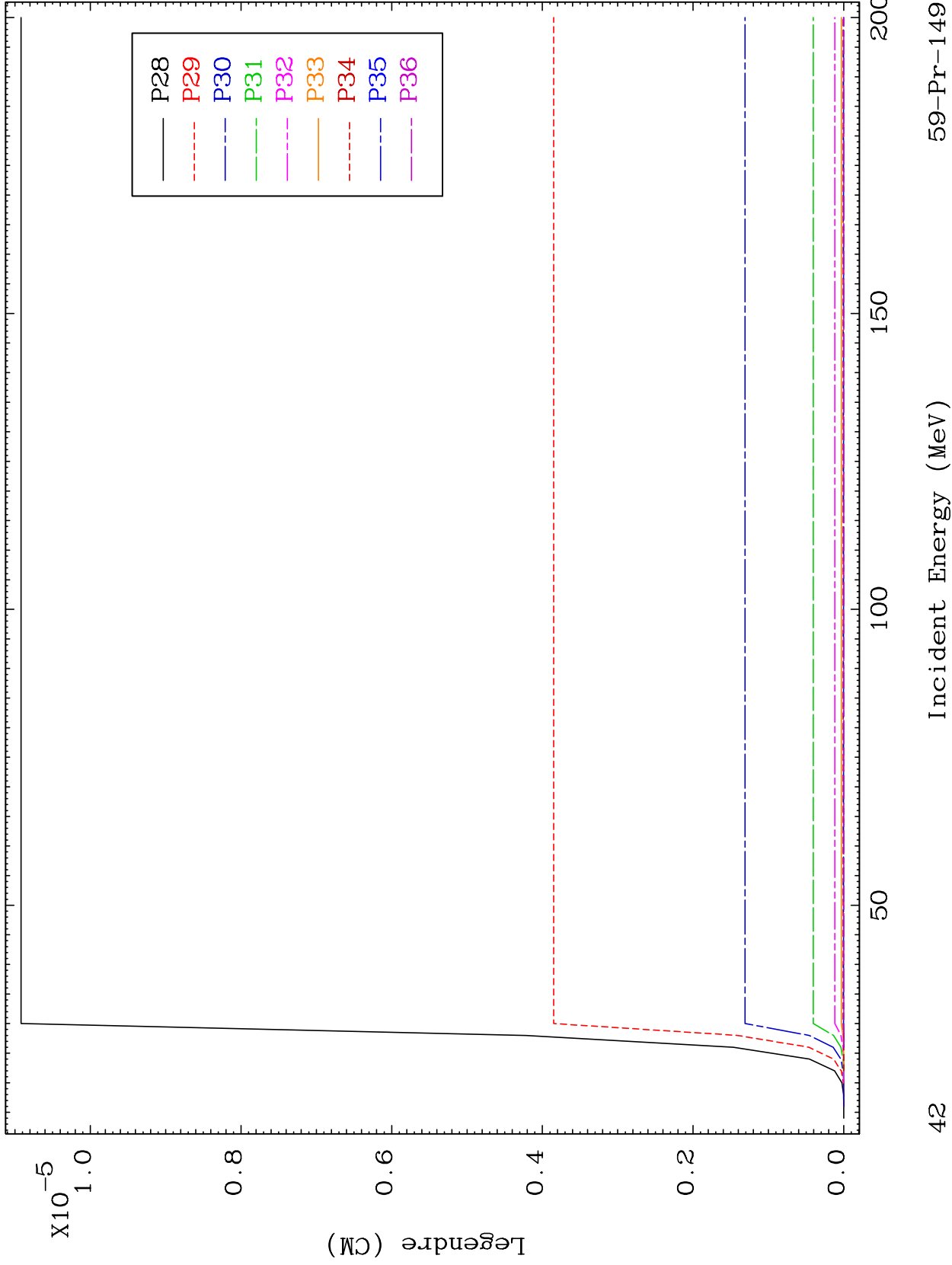
59-Pr-149



MAT 5949

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

59-Pr-149



42

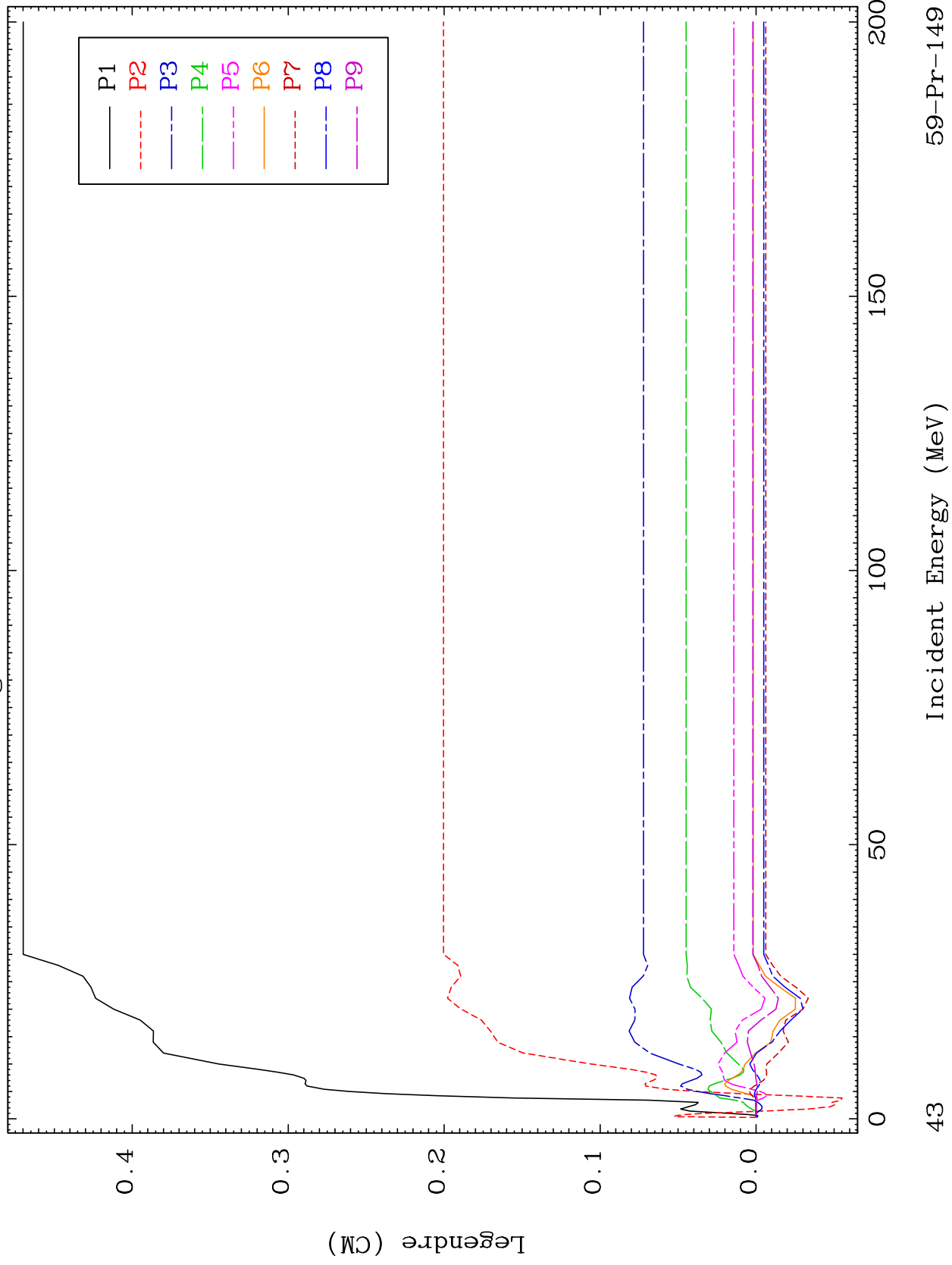
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

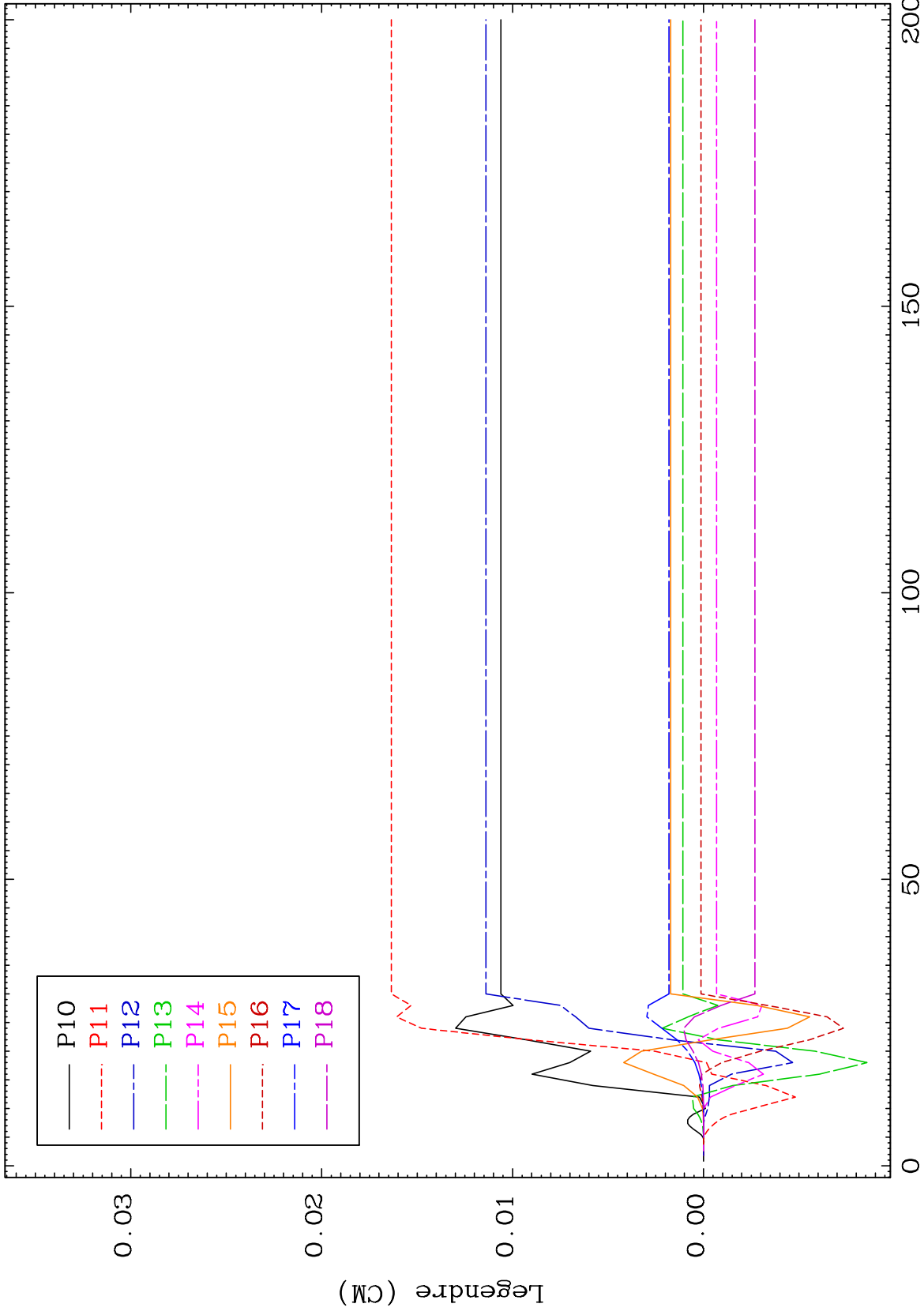
59-Pr-149



59-Pr-149

Incident Energy (MeV)

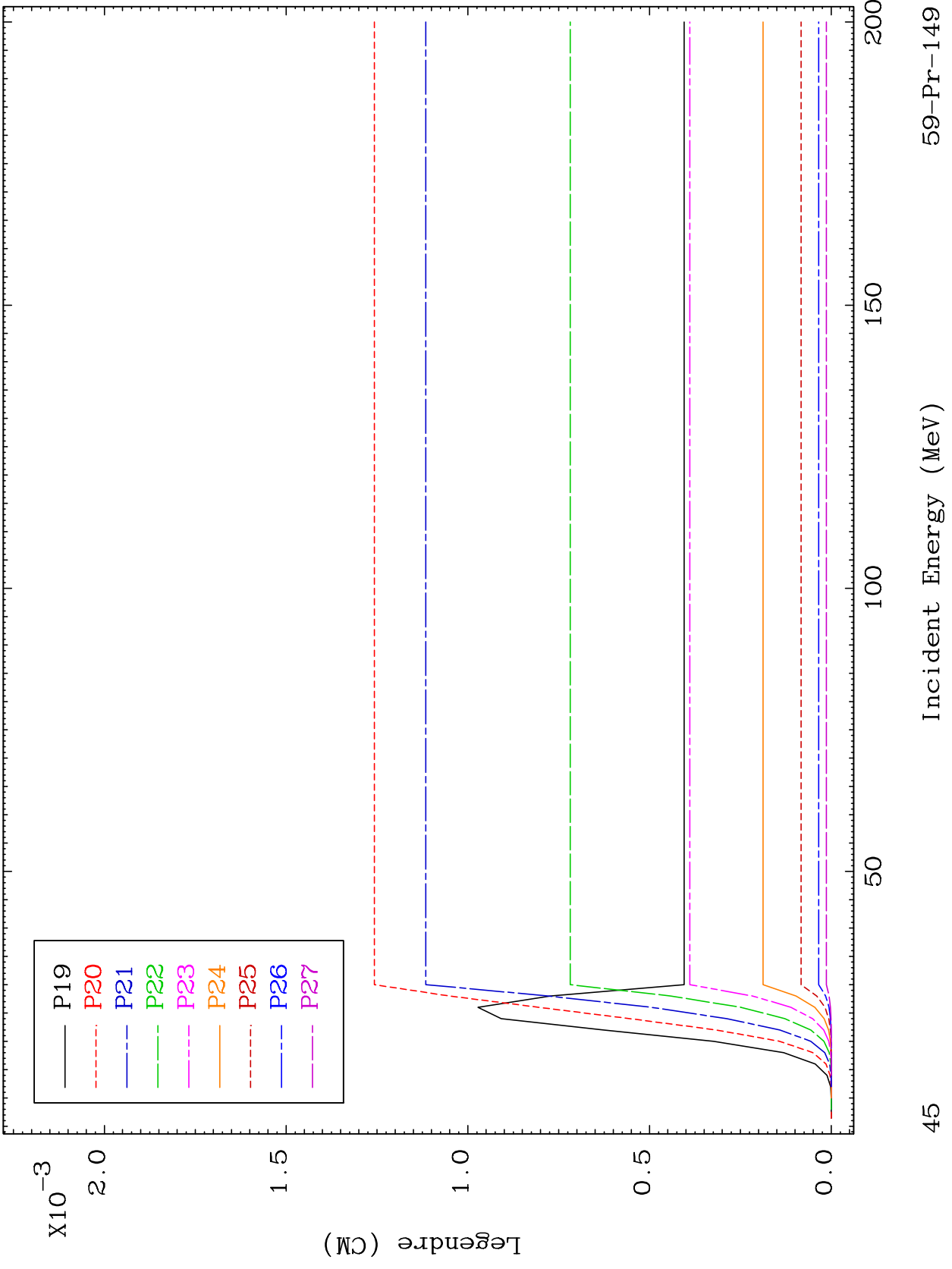
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MAT 5949

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

59-Pr-149



45

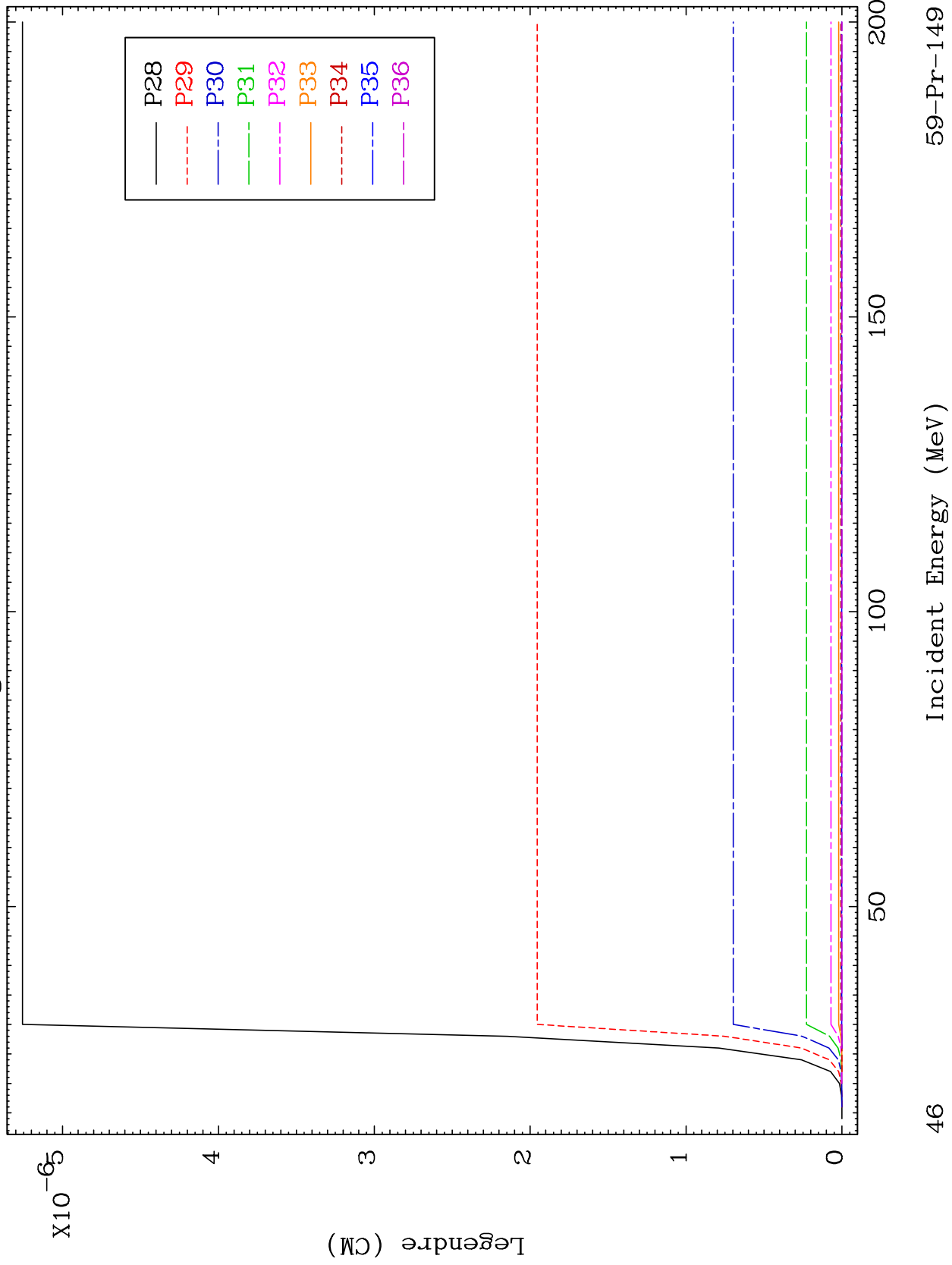
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149

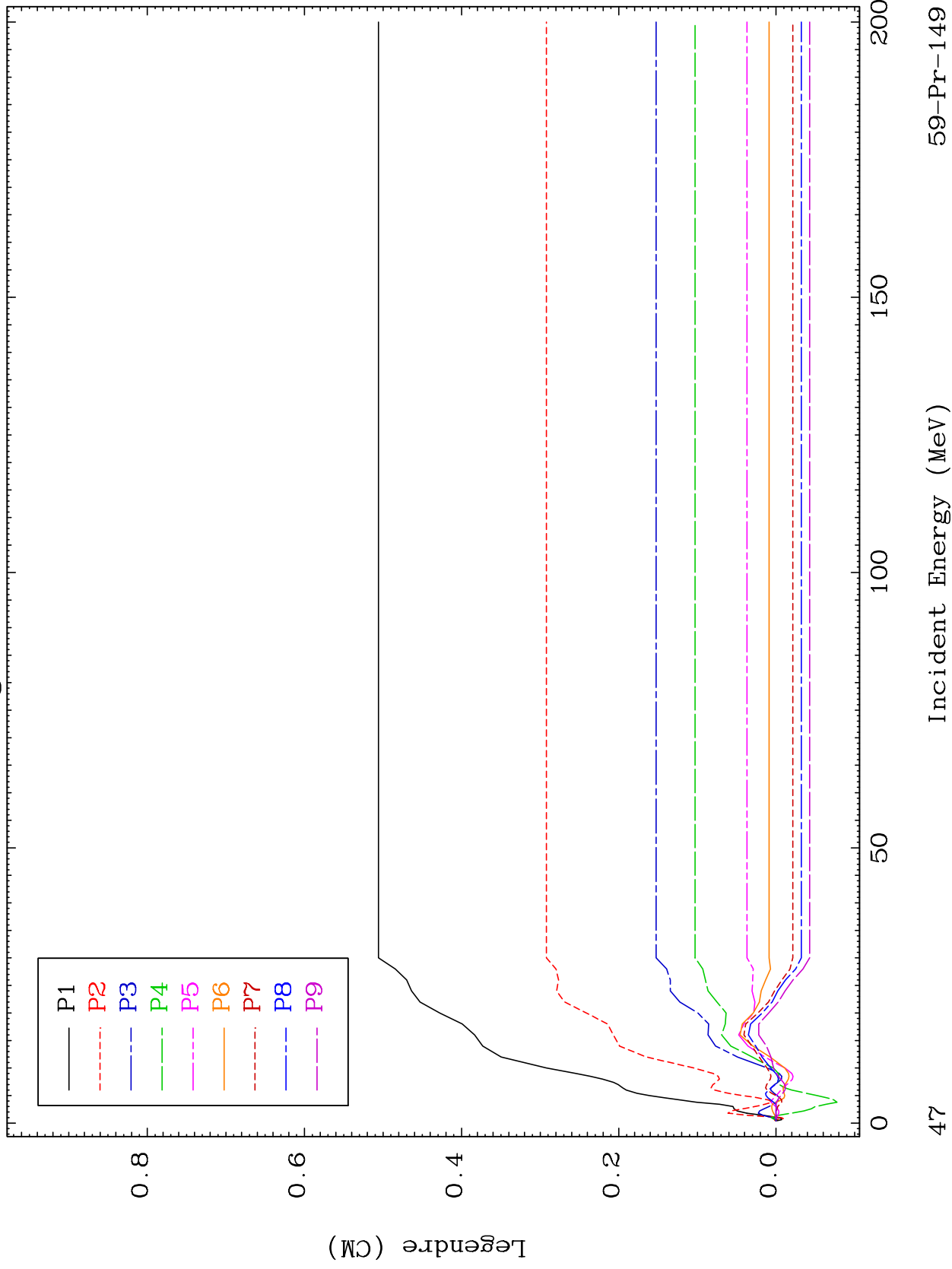


59-Pr-149

MAT 5949

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

59-Pr-149



59-Pr-149

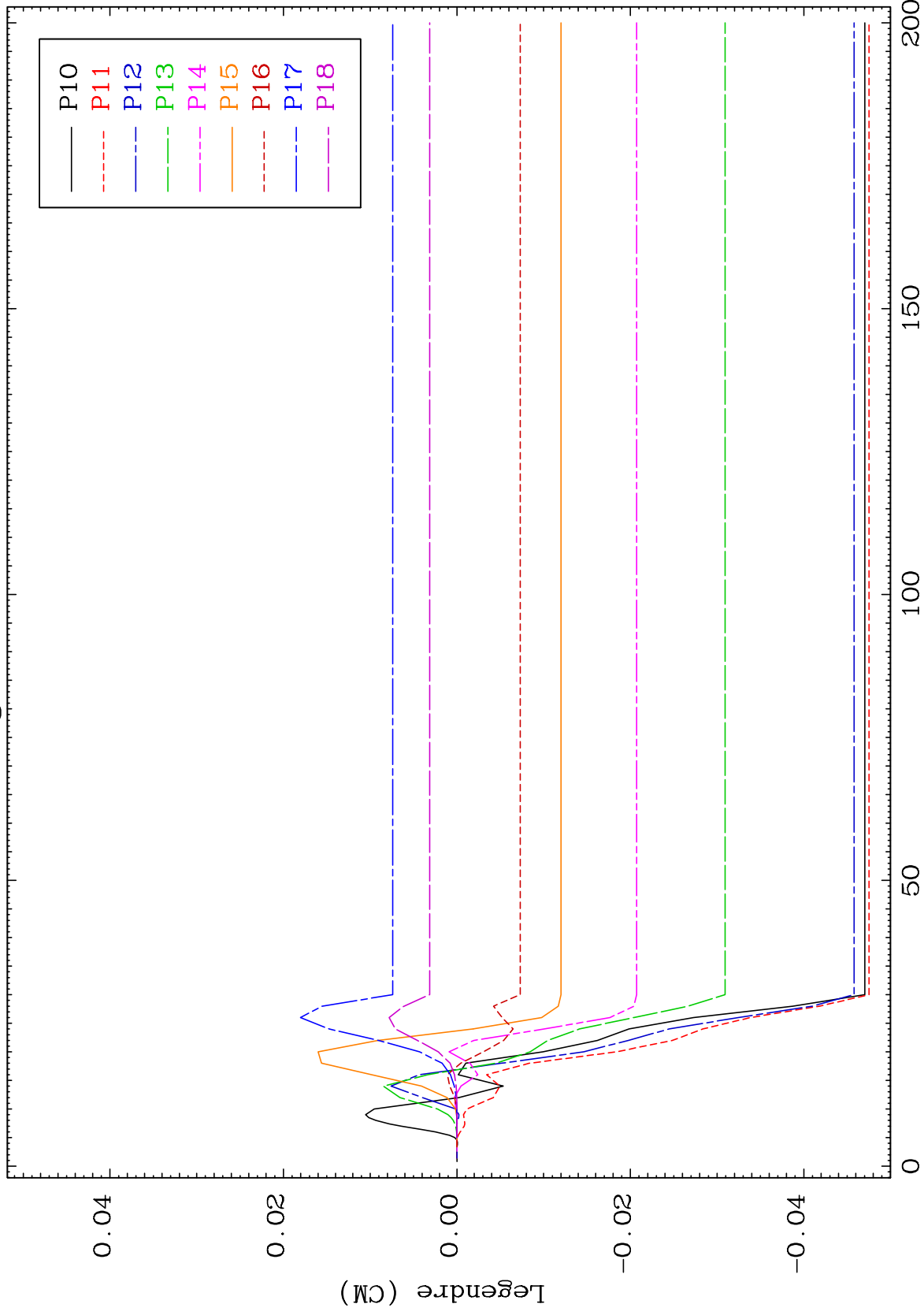
Incident Energy (MeV)

47

MAT 5949

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

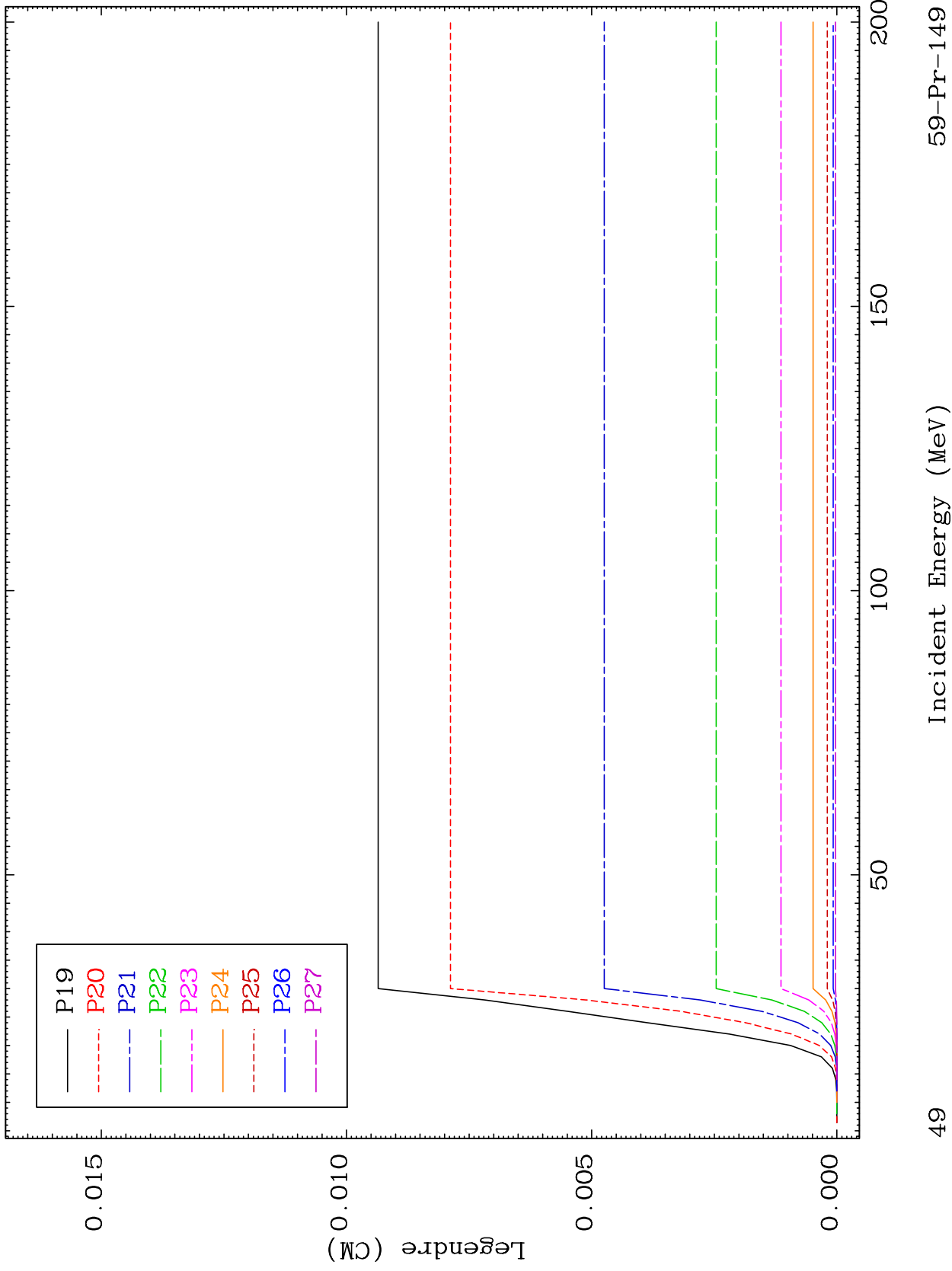
59-Pr-149



48

Incident Energy (MeV)

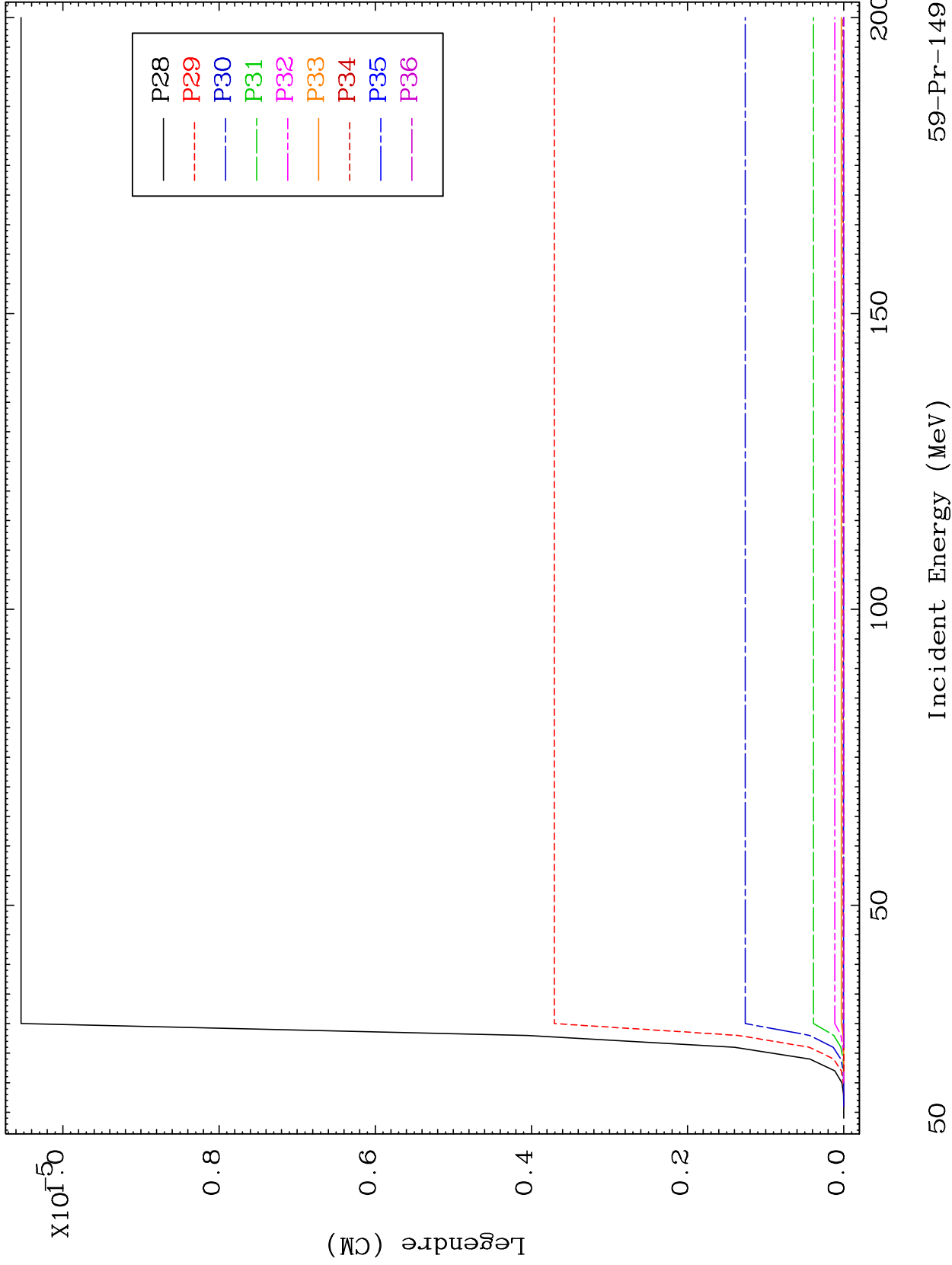
59-Pr-149



MAT 5949

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

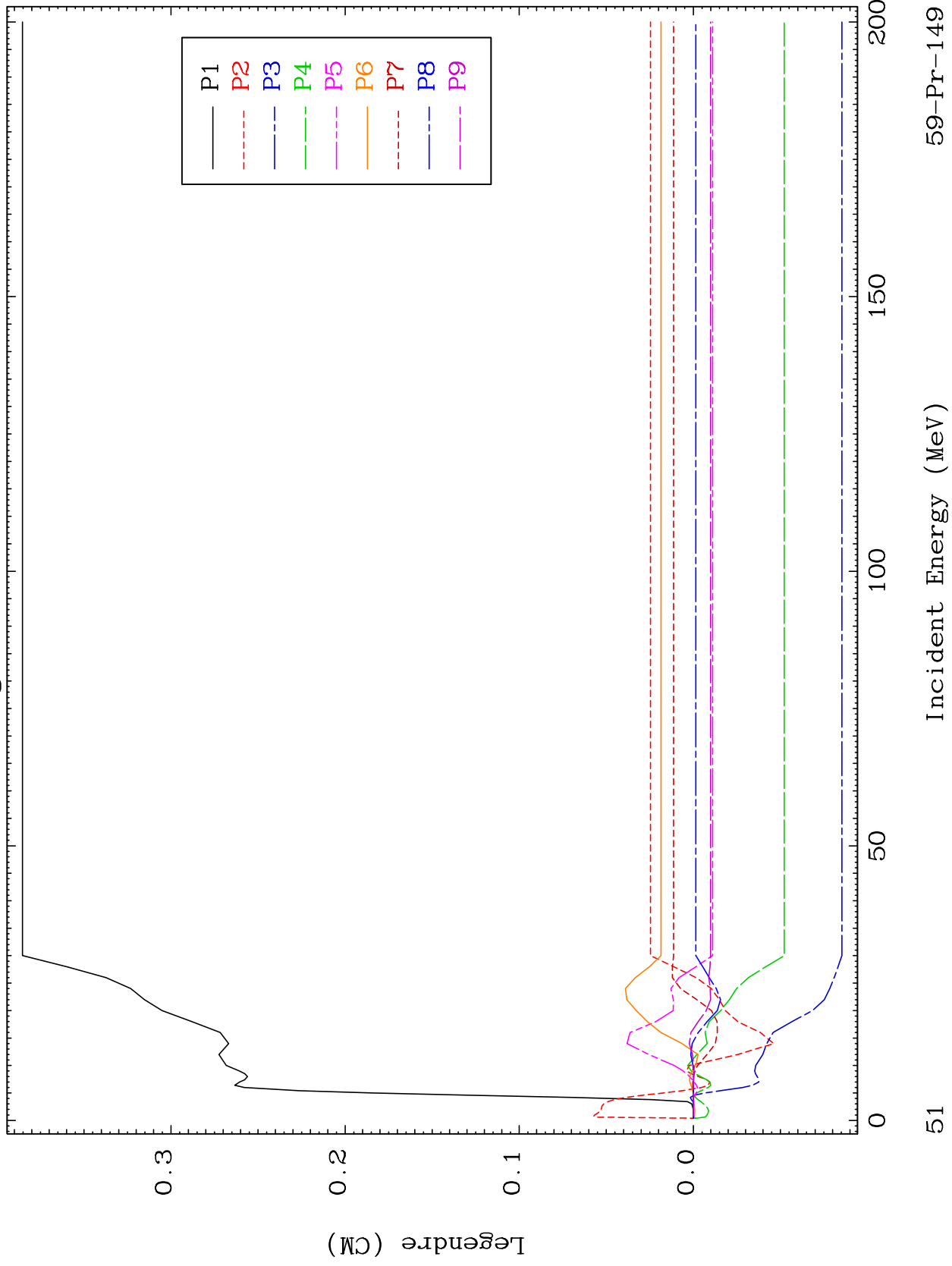
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MAT 5949

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

59-Pr-149



51

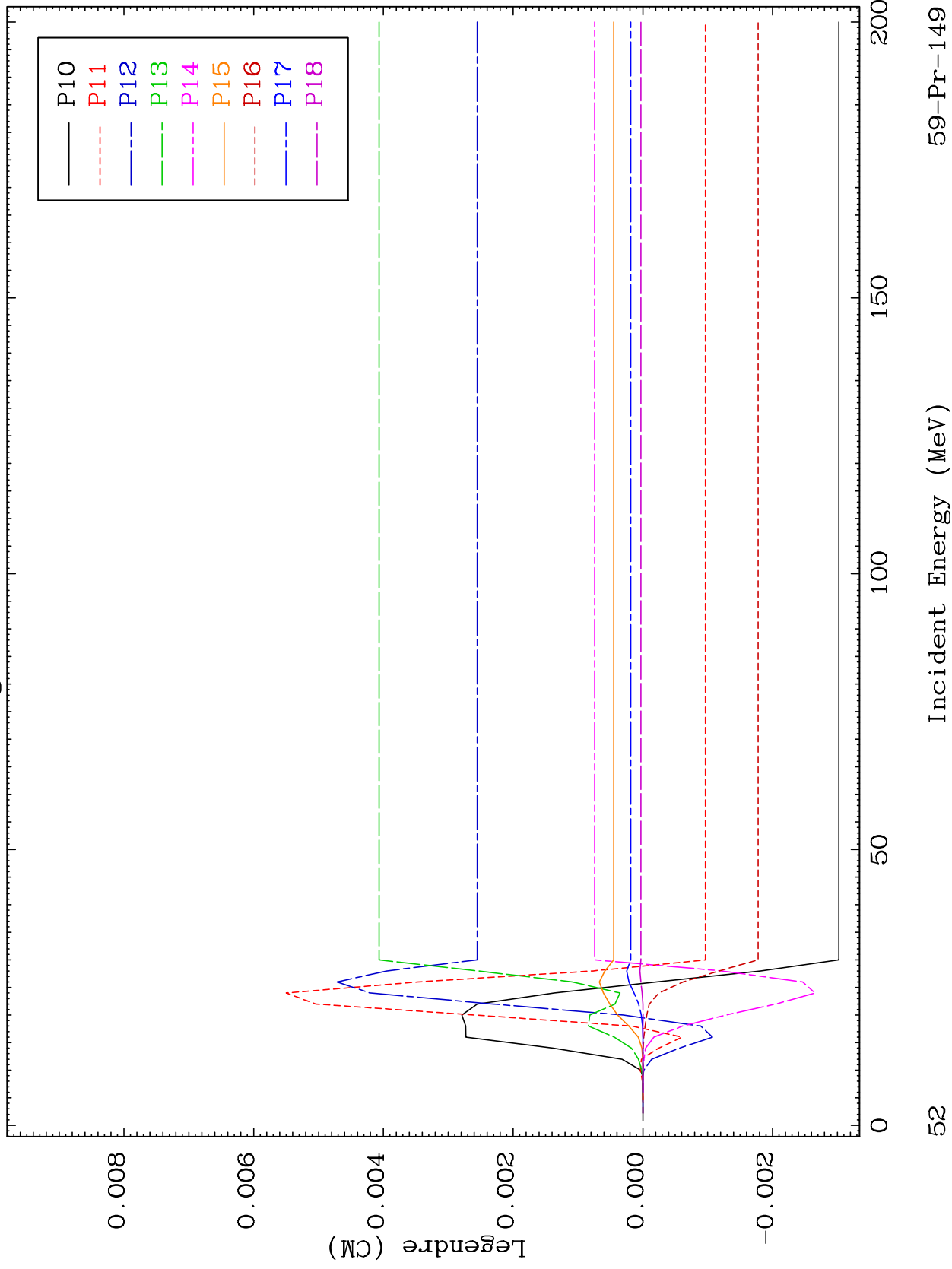
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



52

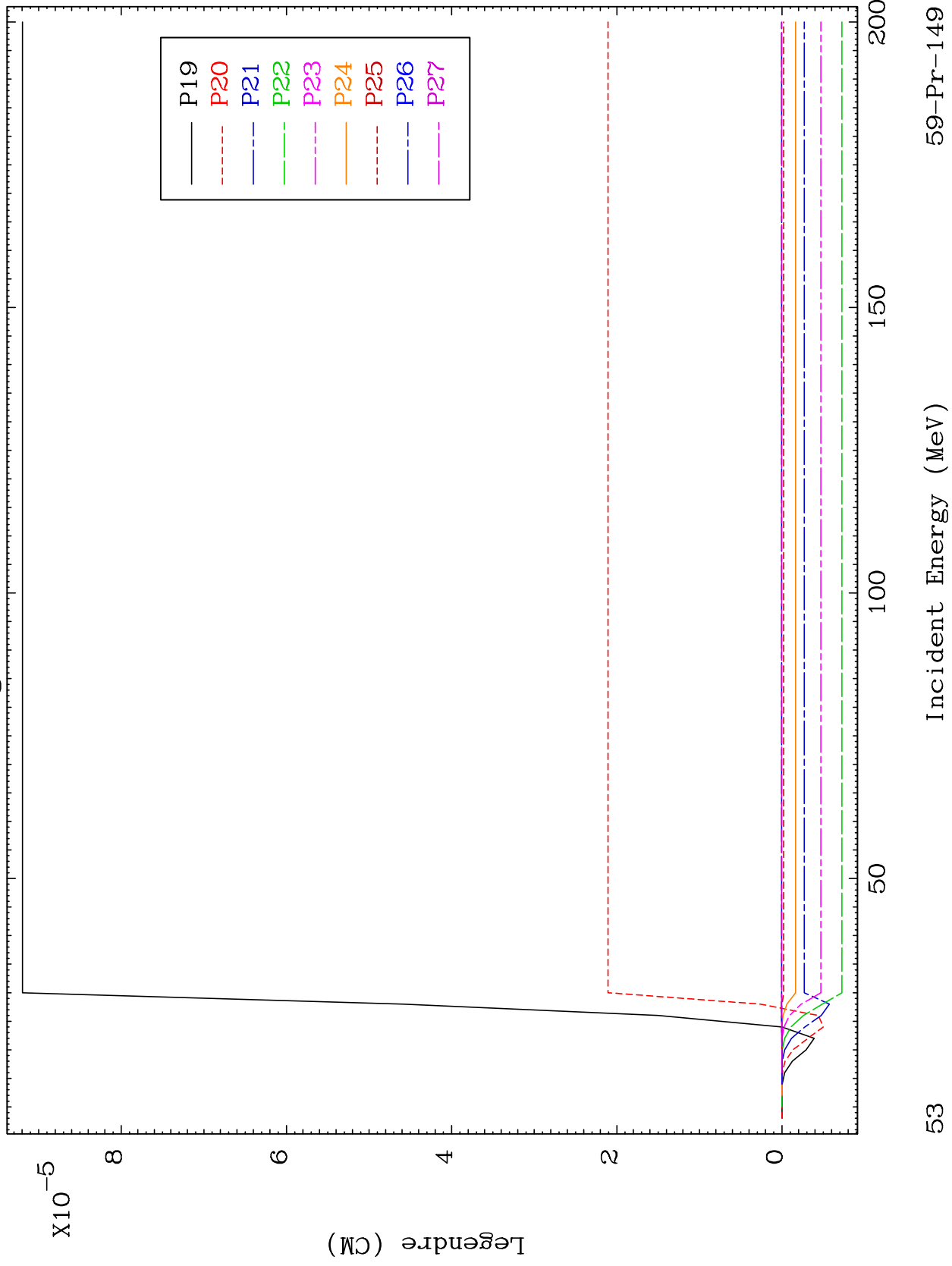
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



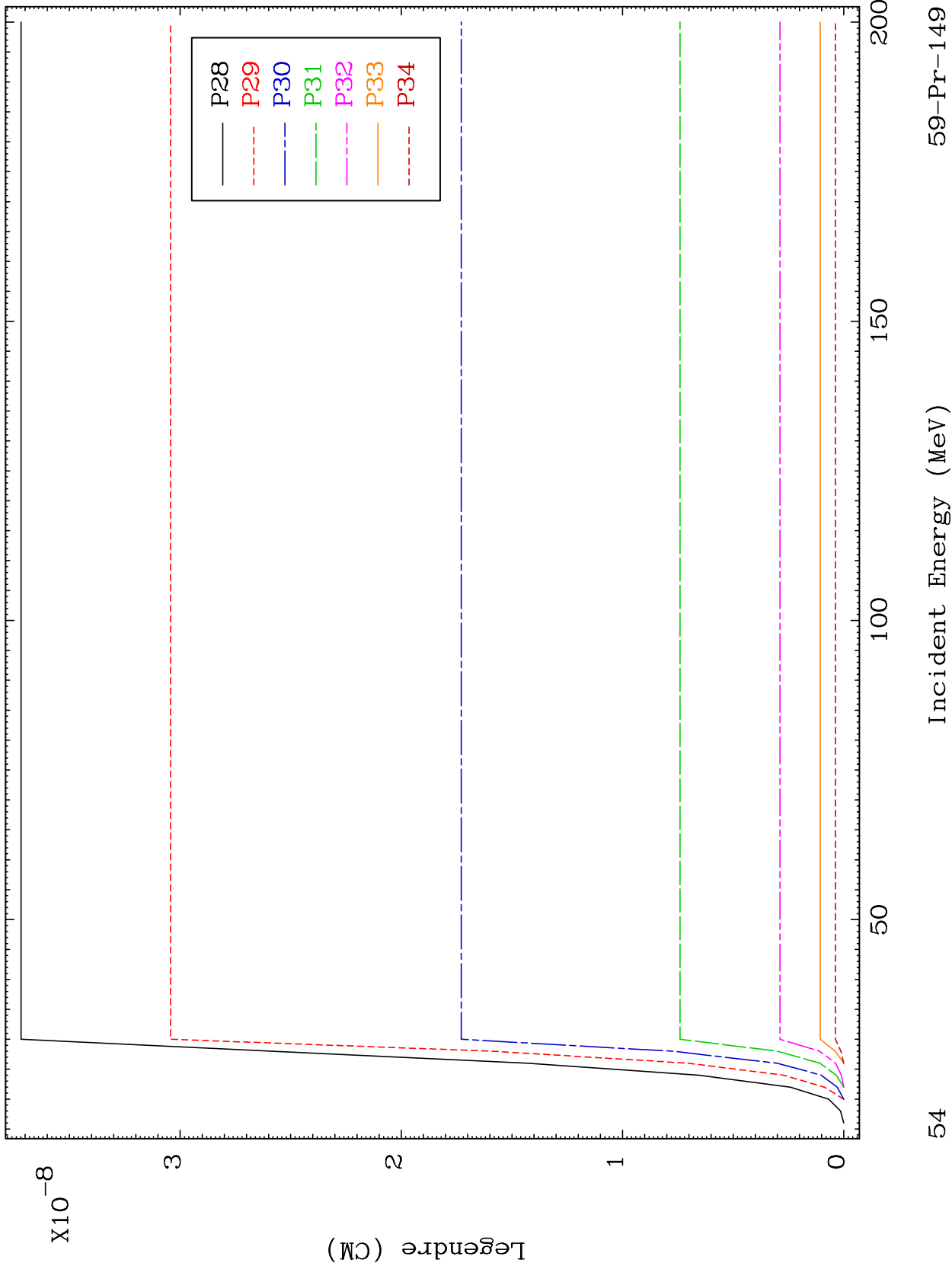
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59-Pr-149

MAT 5949

59-Pr-149

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



54

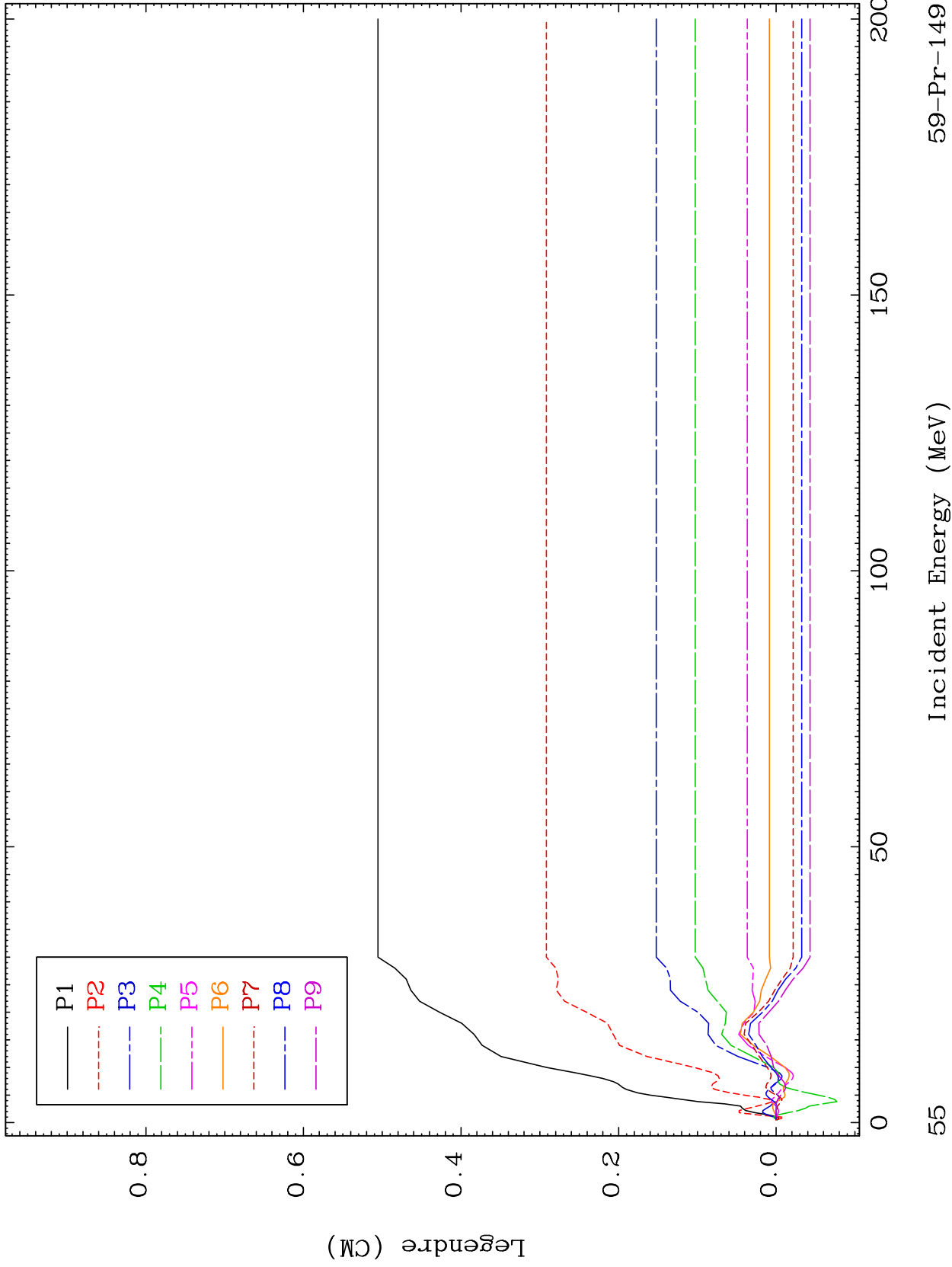
59-Pr-149

Incident Energy (MeV)

MAT 5949

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

59-Pr-149



59-Pr-149

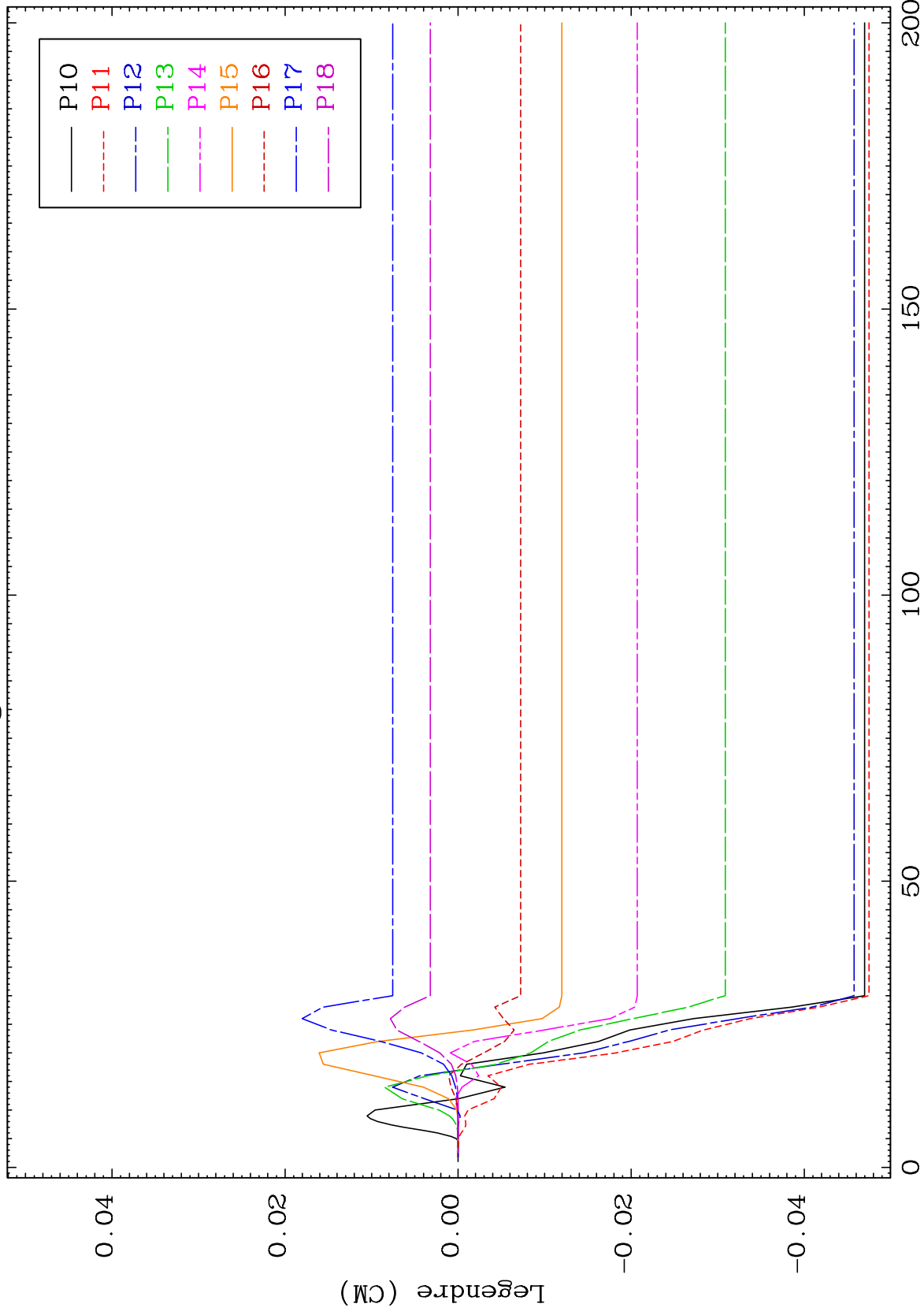
Incident Energy (MeV)

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MAT 5949

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

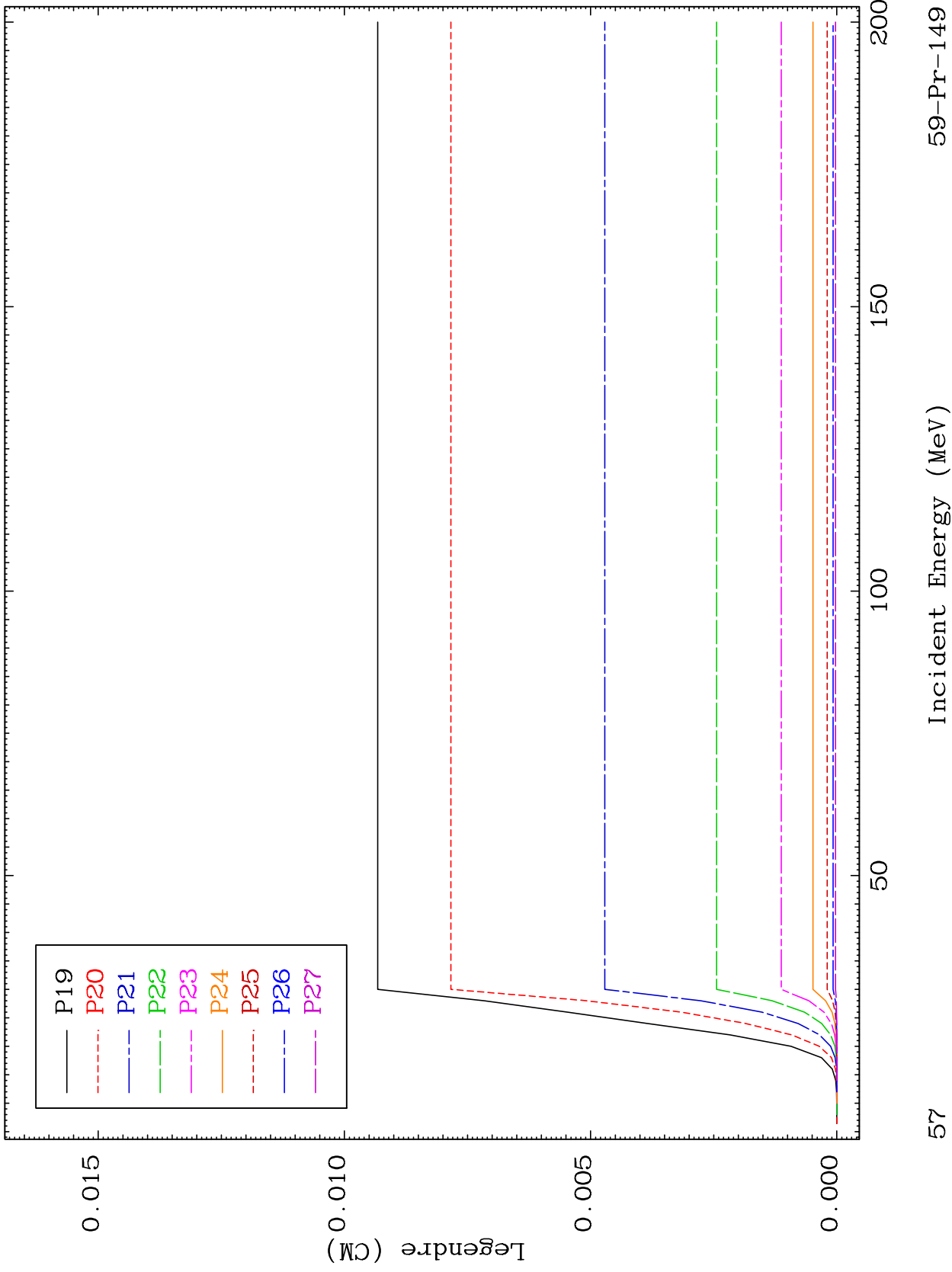
59-Pr-149



56

Incident Energy (MeV)

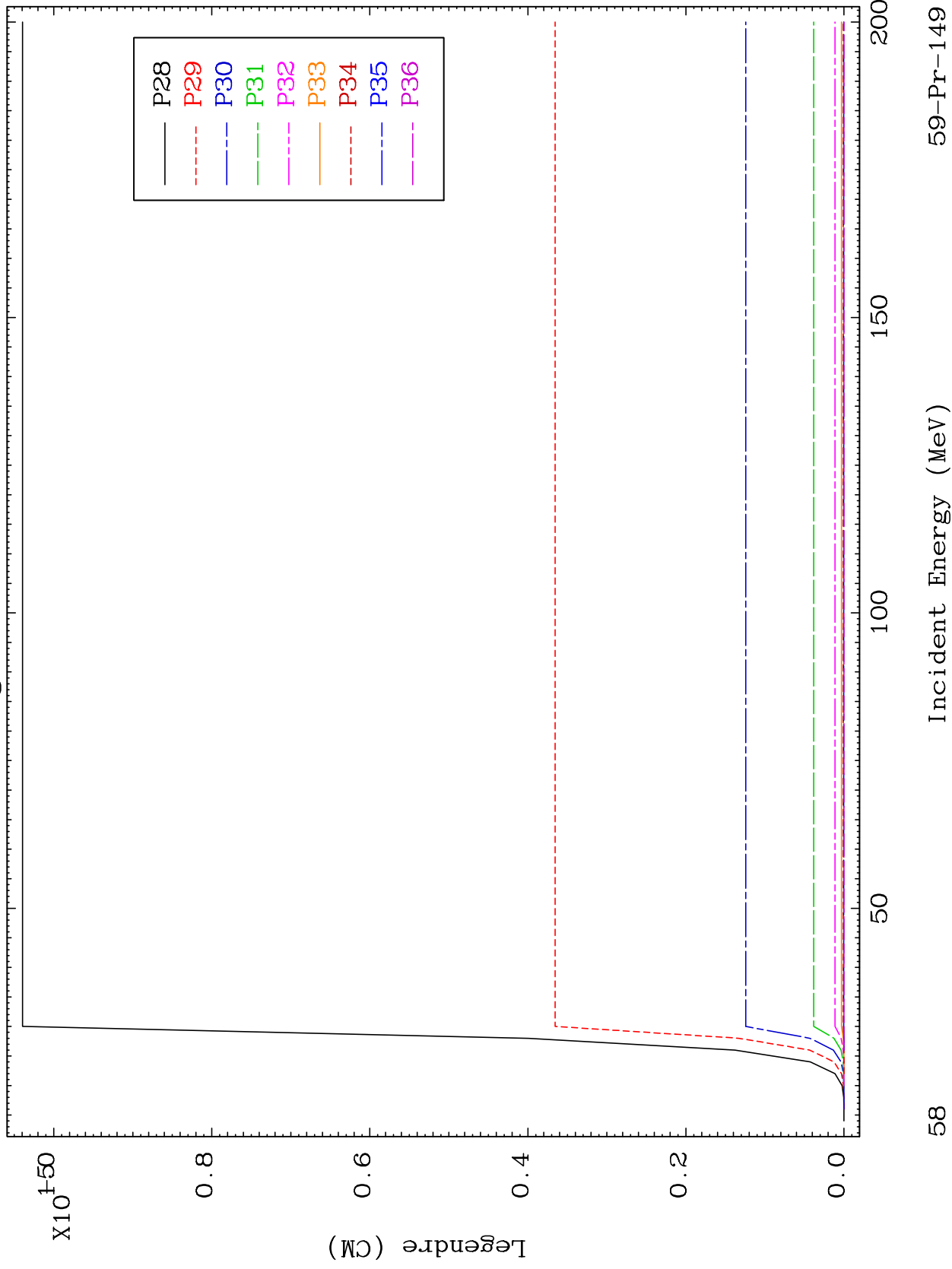
59-Pr-149



MAT 5949

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

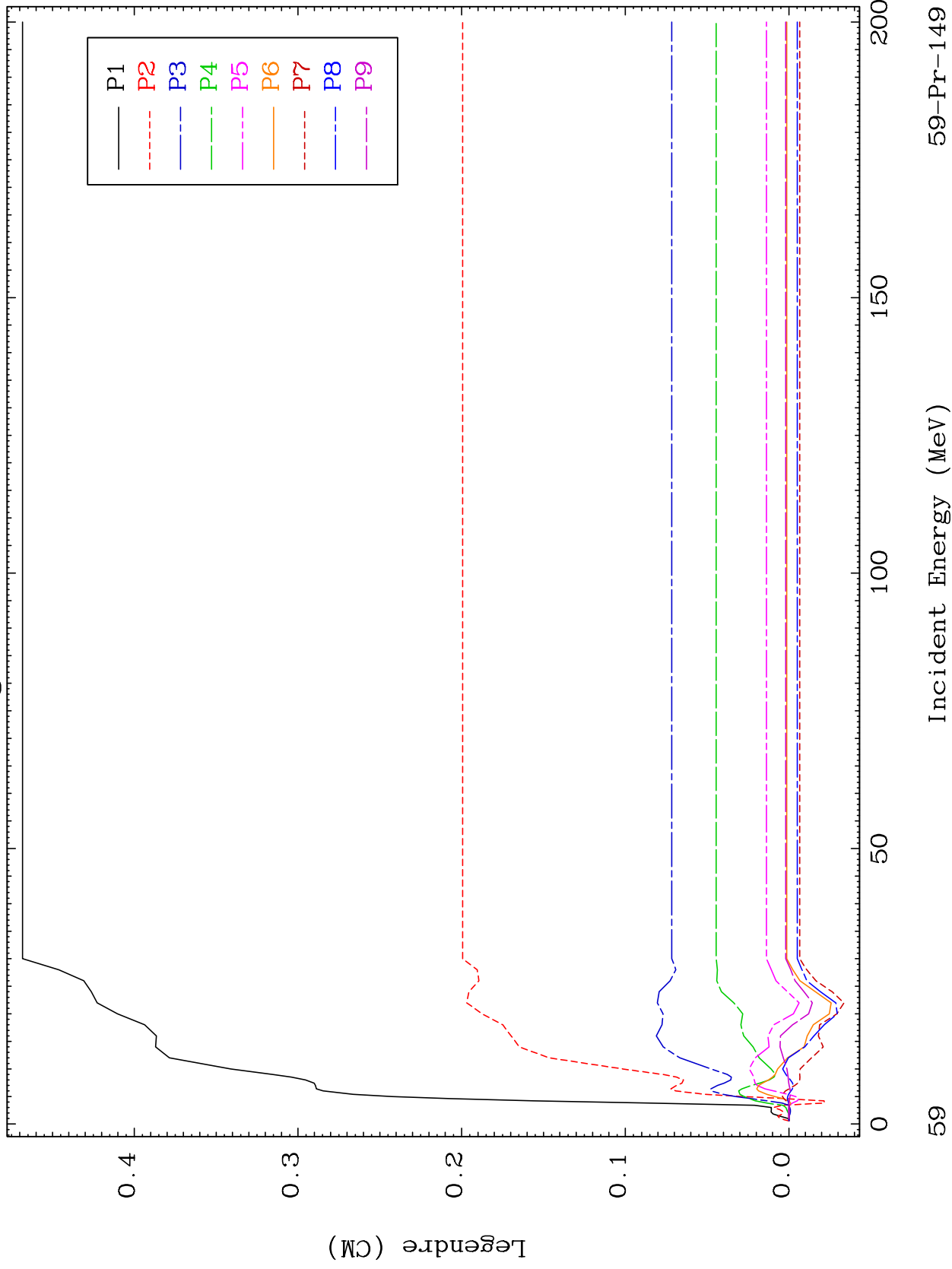
59-Pr-149



MAT 5949

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

59-Pr-149



59-Pr-149

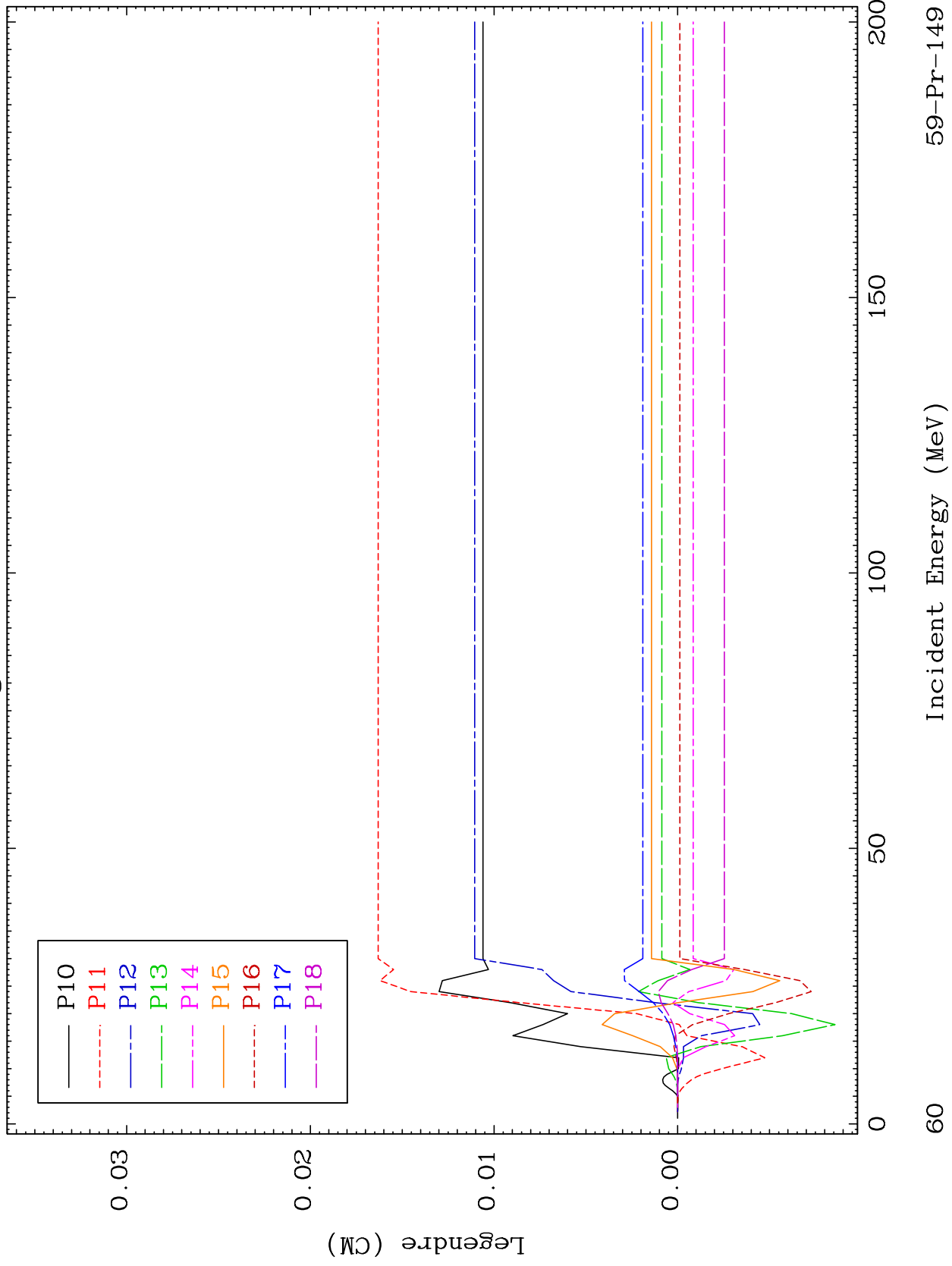
Incident Energy (MeV)

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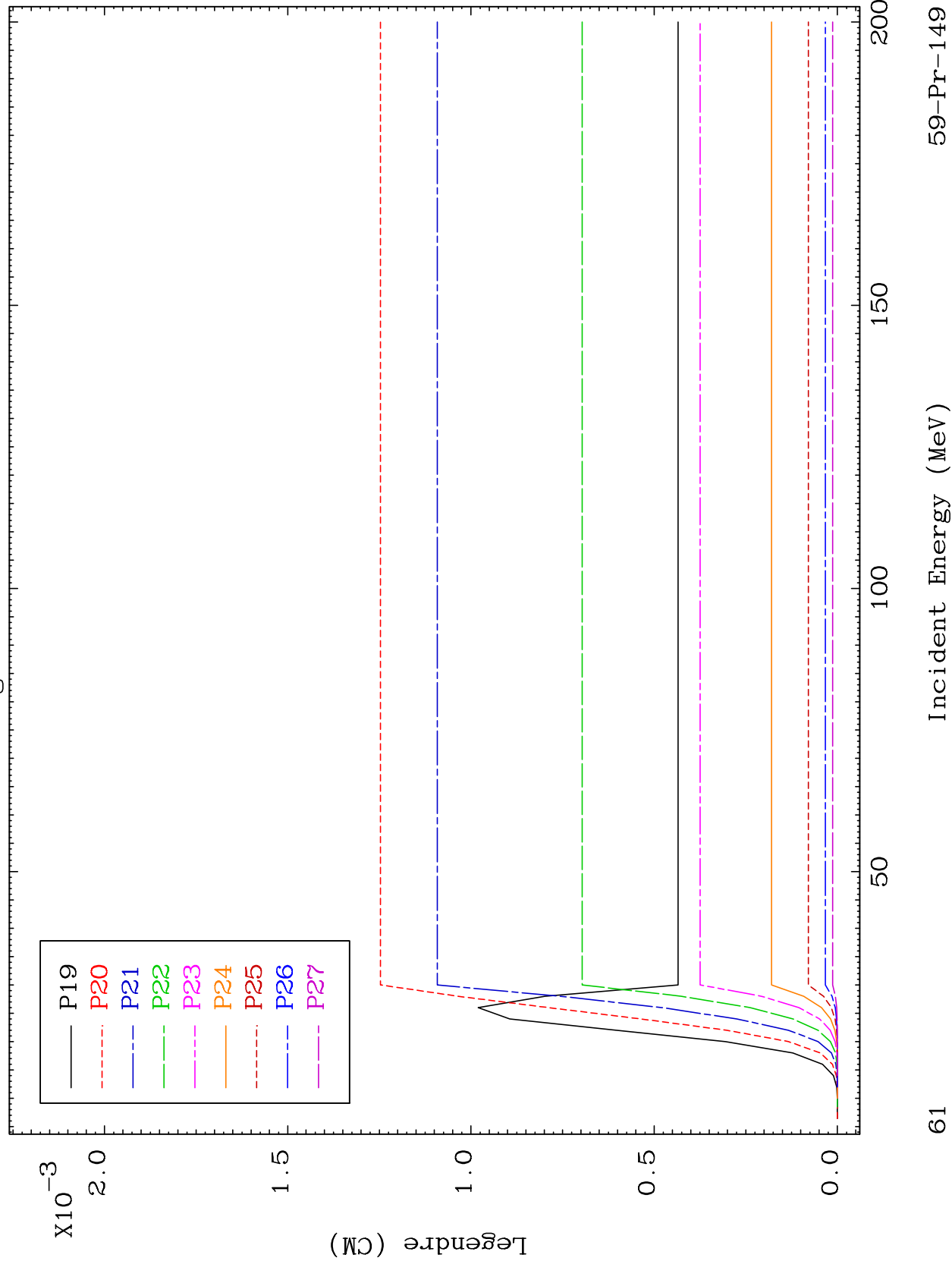
MAT 5949

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

59-Pr-149



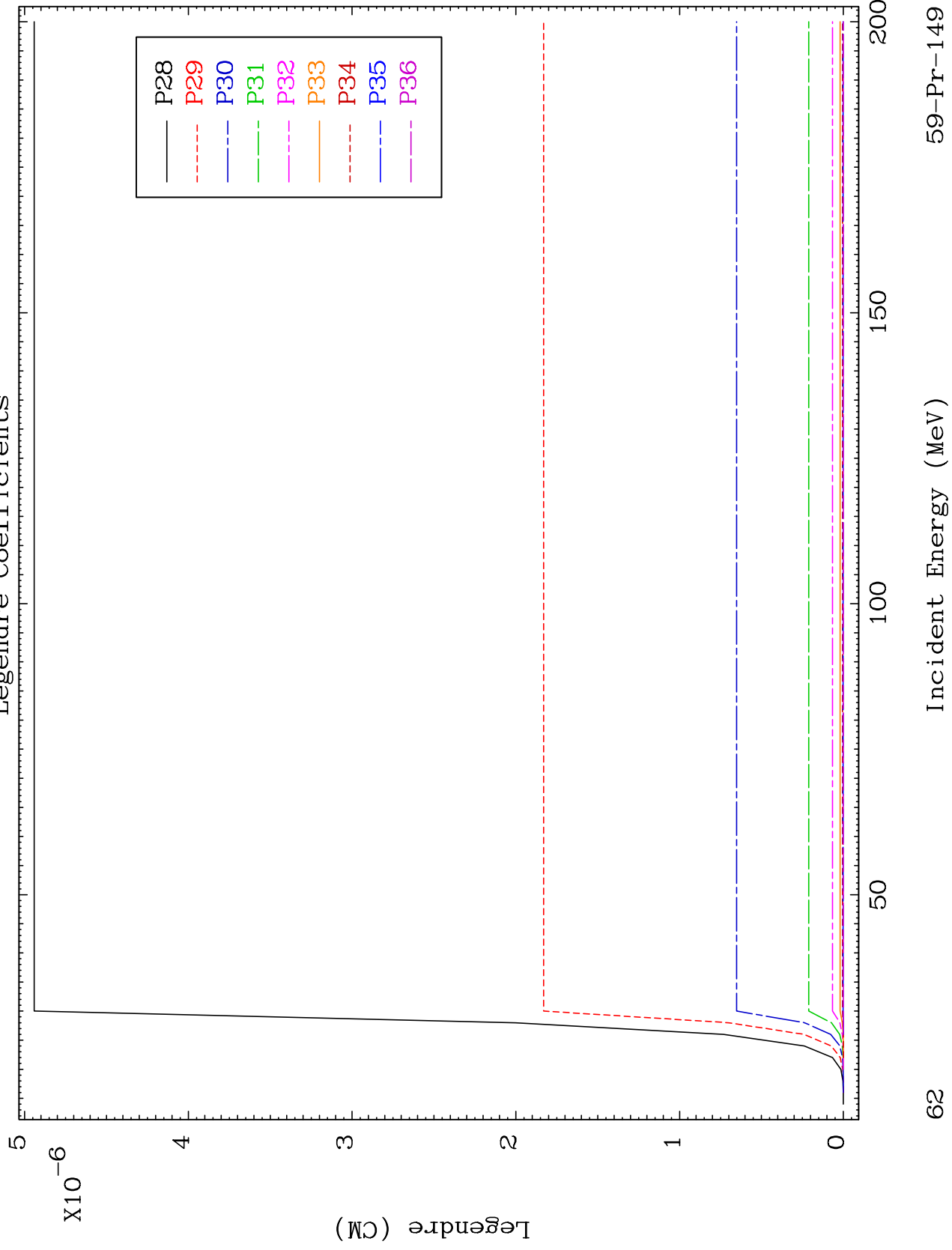
59-Pr-149



MAT 5949

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

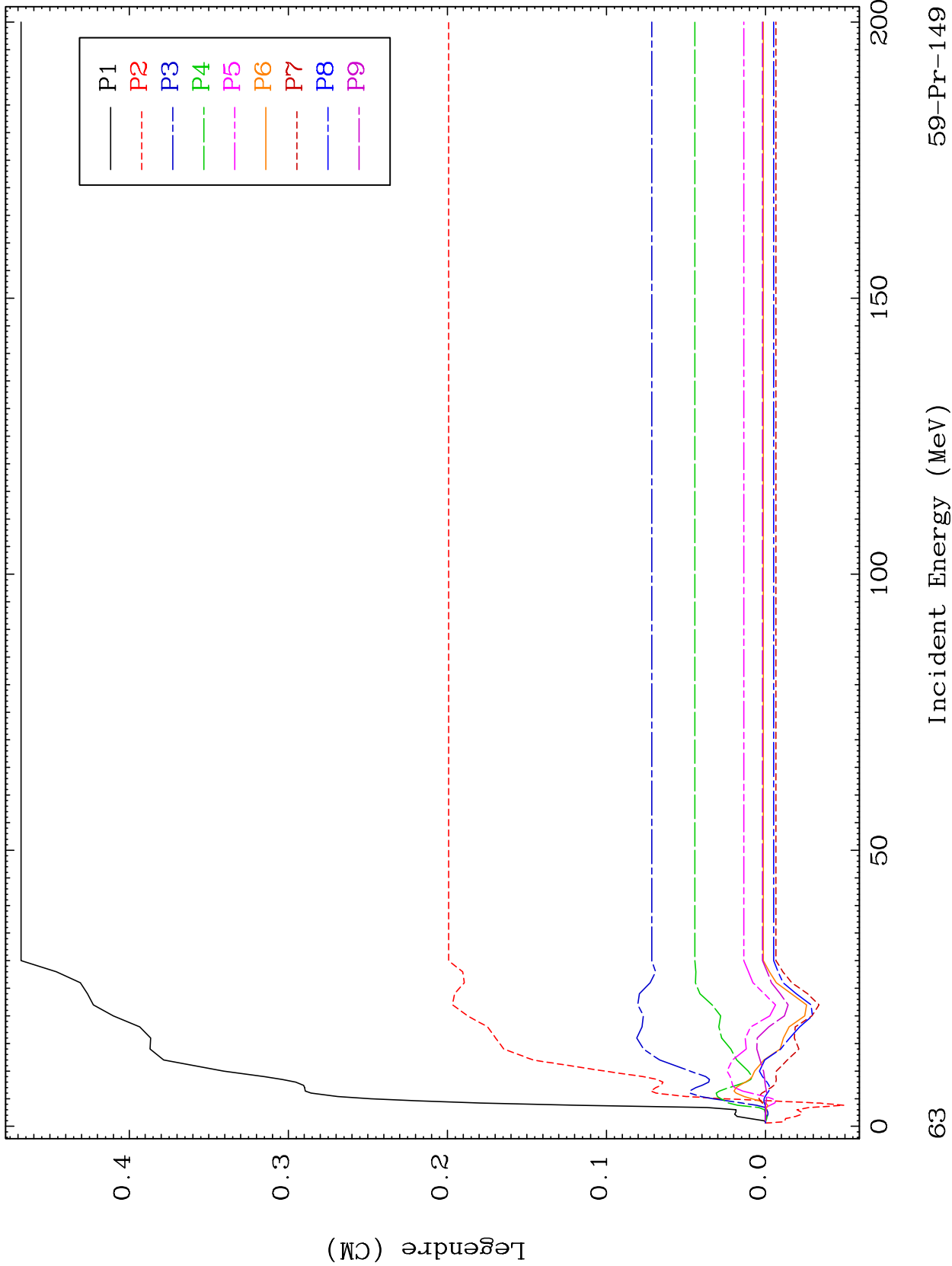
59-Pr-149



MAT 5949

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

59-Pr-149



59-Pr-149

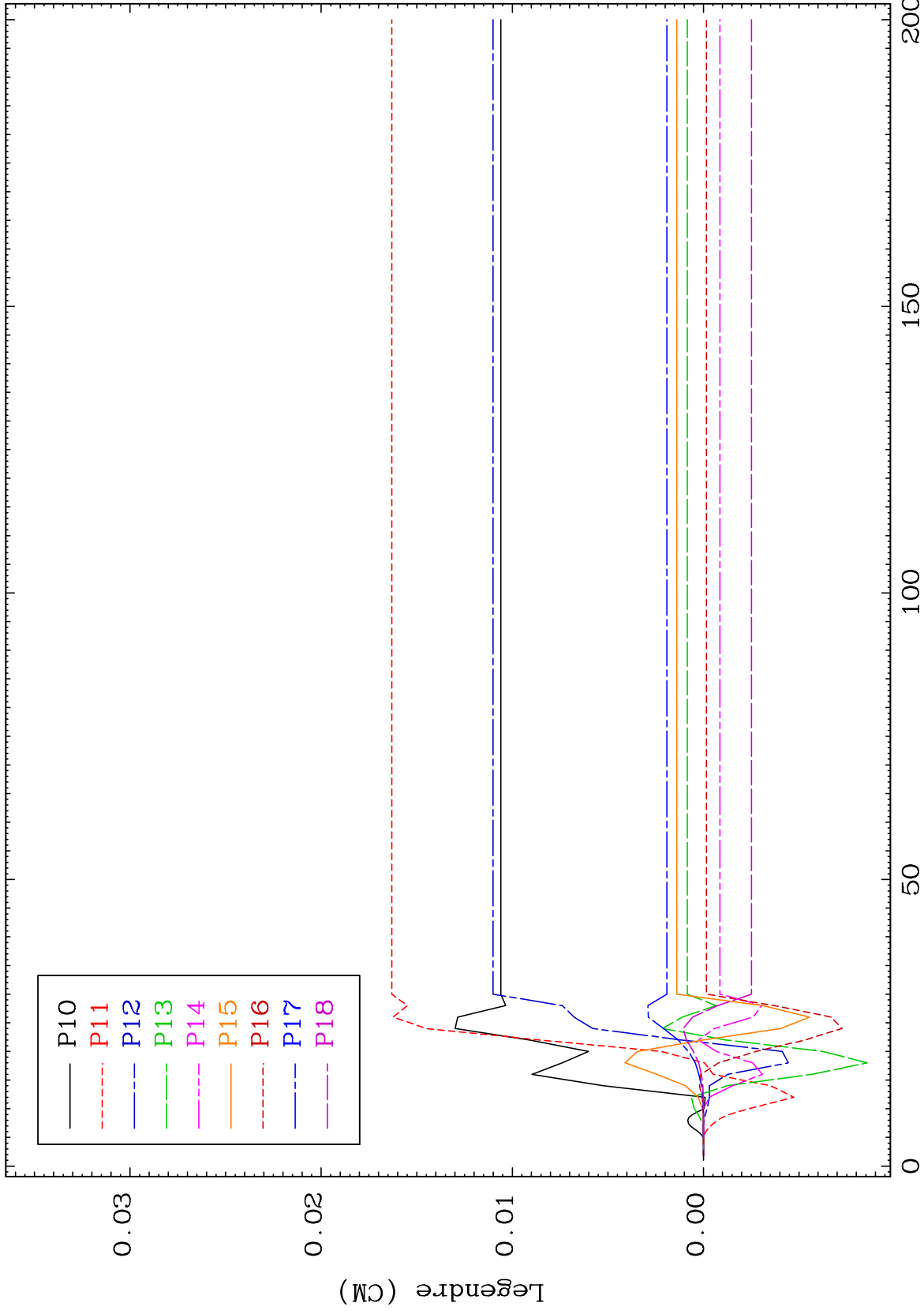
Incident Energy (MeV)

63

MAT 5949

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

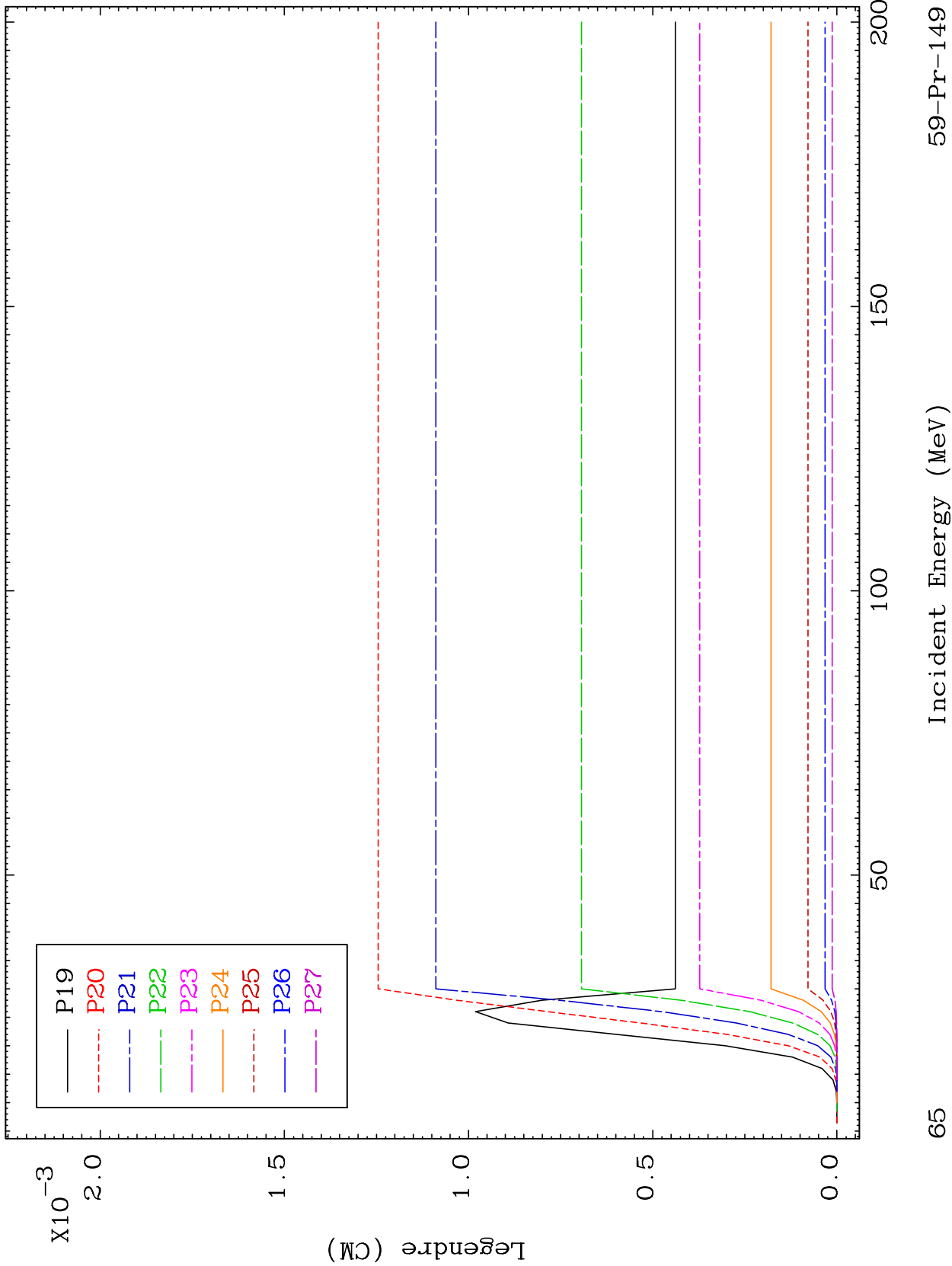
59-Pr-149



64

Incident Energy (MeV)

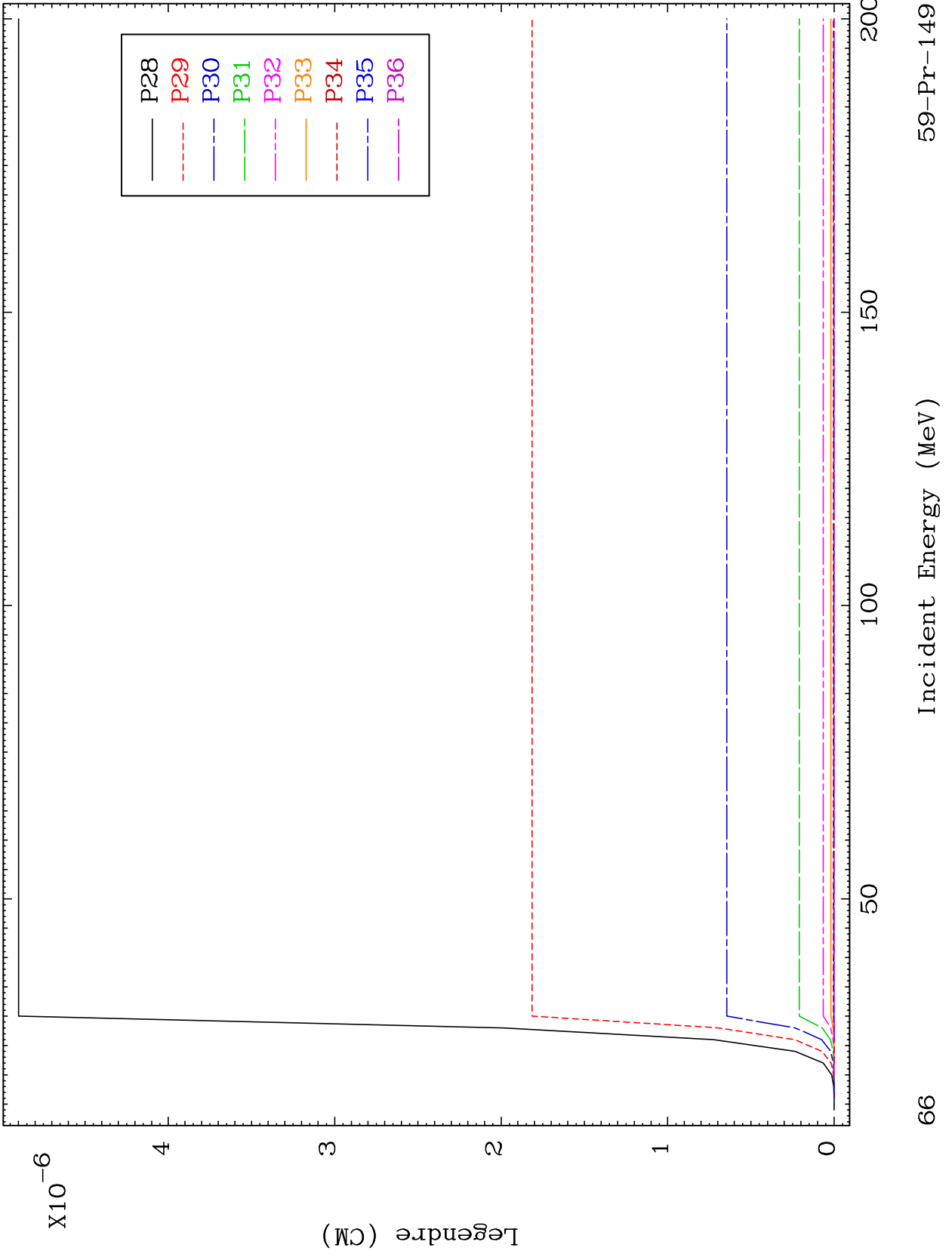
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MAT 5949

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

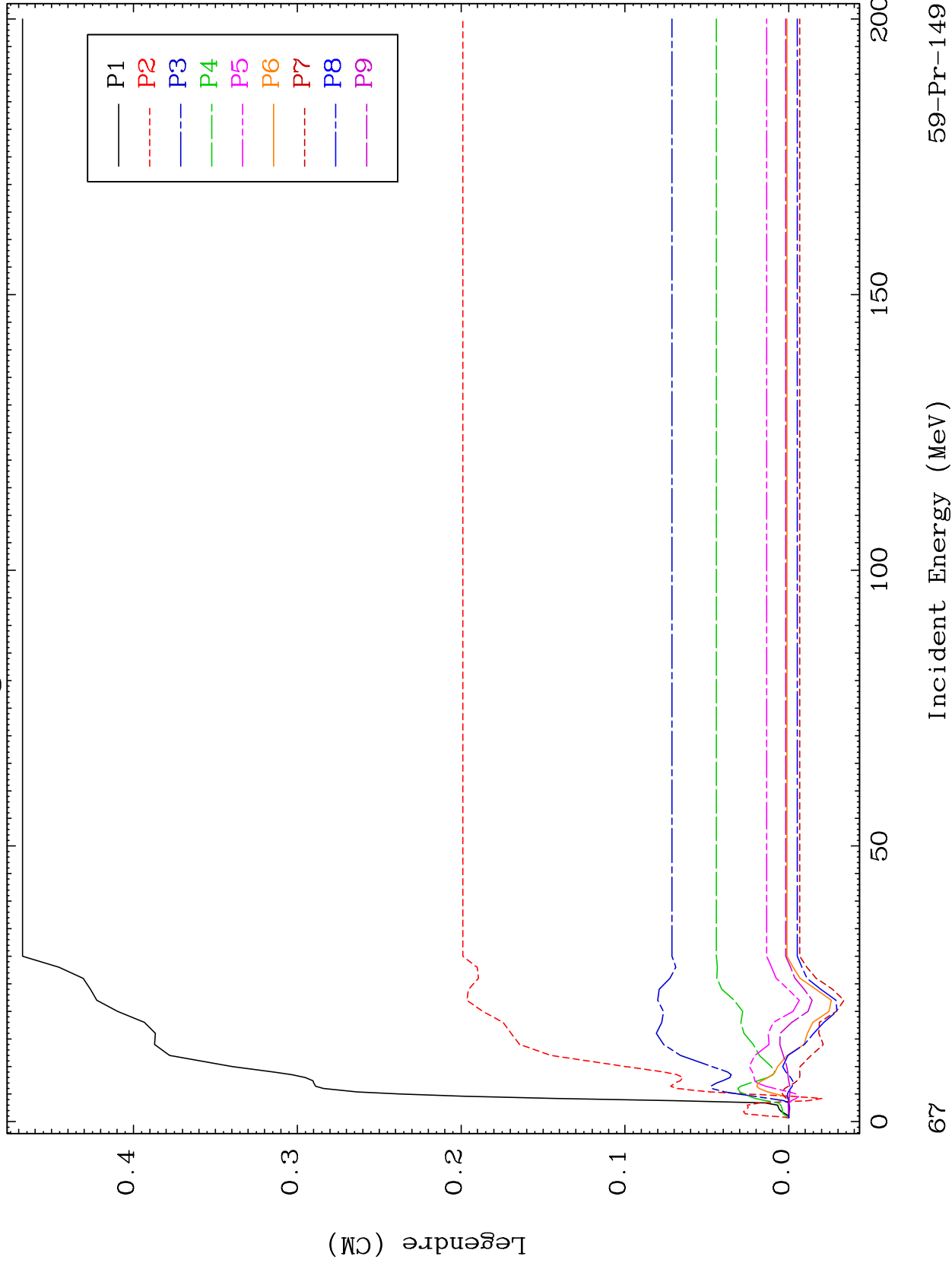
59-Pr-149



MAT 5949

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

59-Pr-149



59-Pr-149

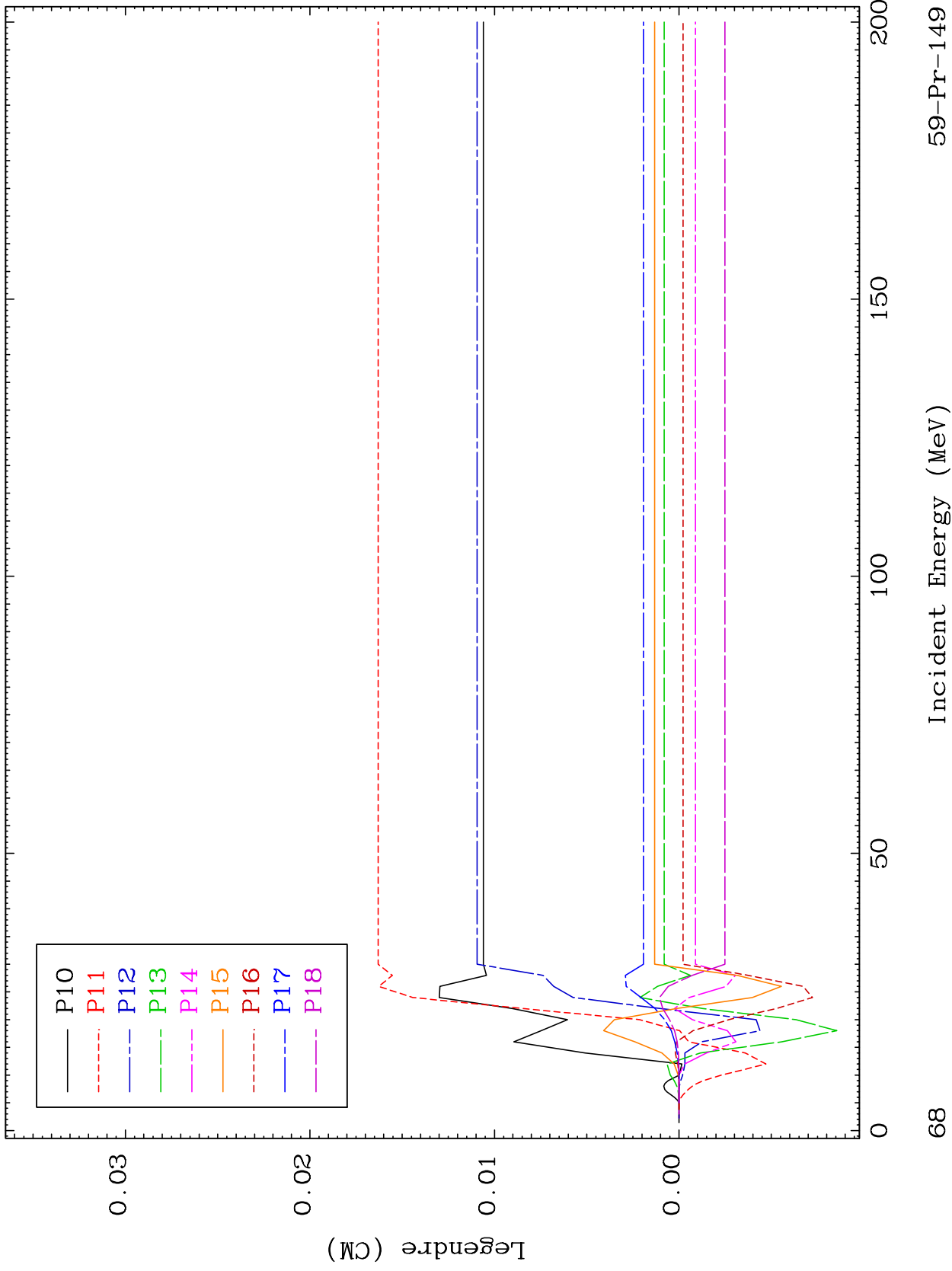
Incident Energy (MeV)

67

MAT 5949

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

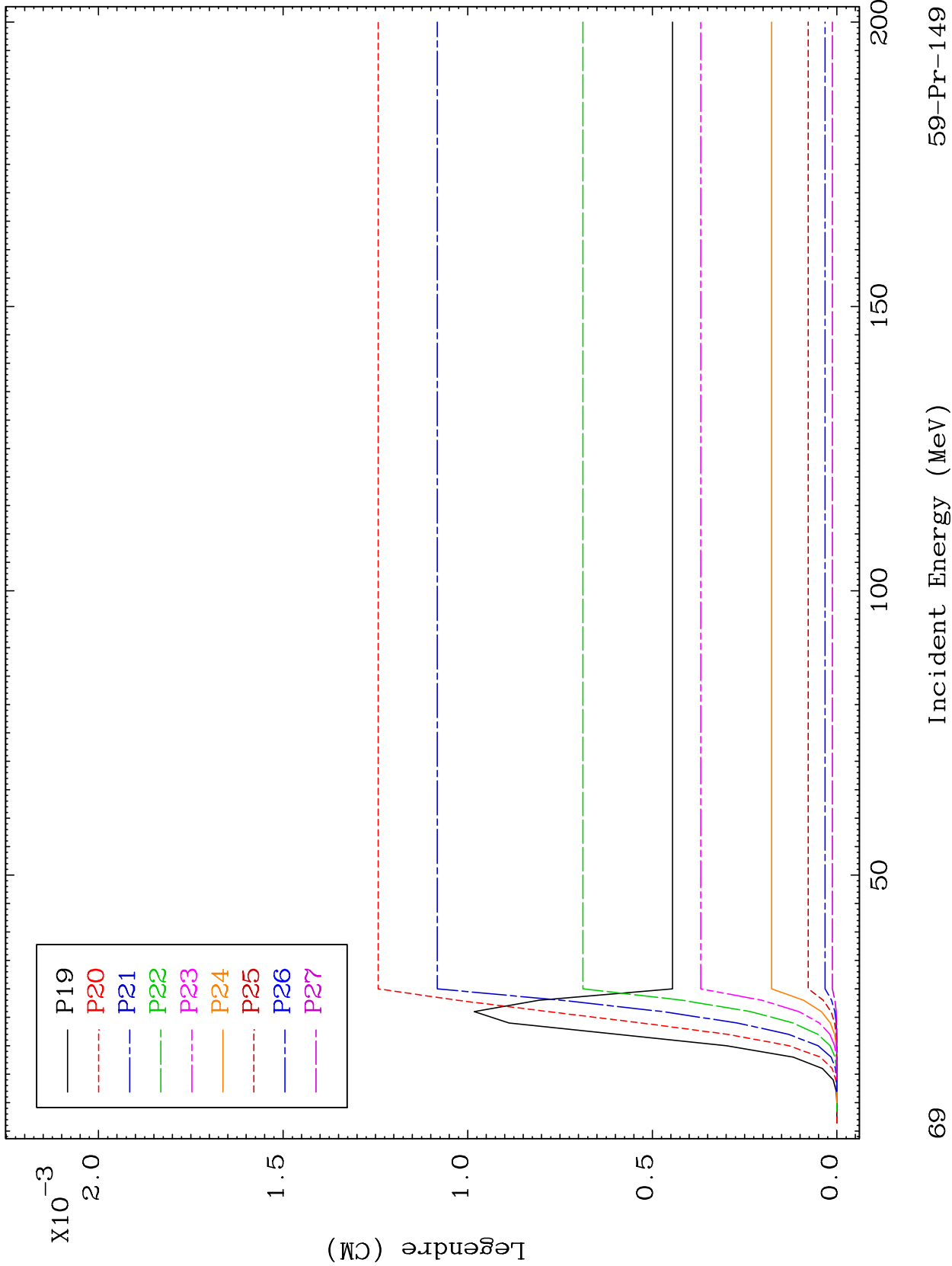
59-Pr-149



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Incident Energy (MeV)

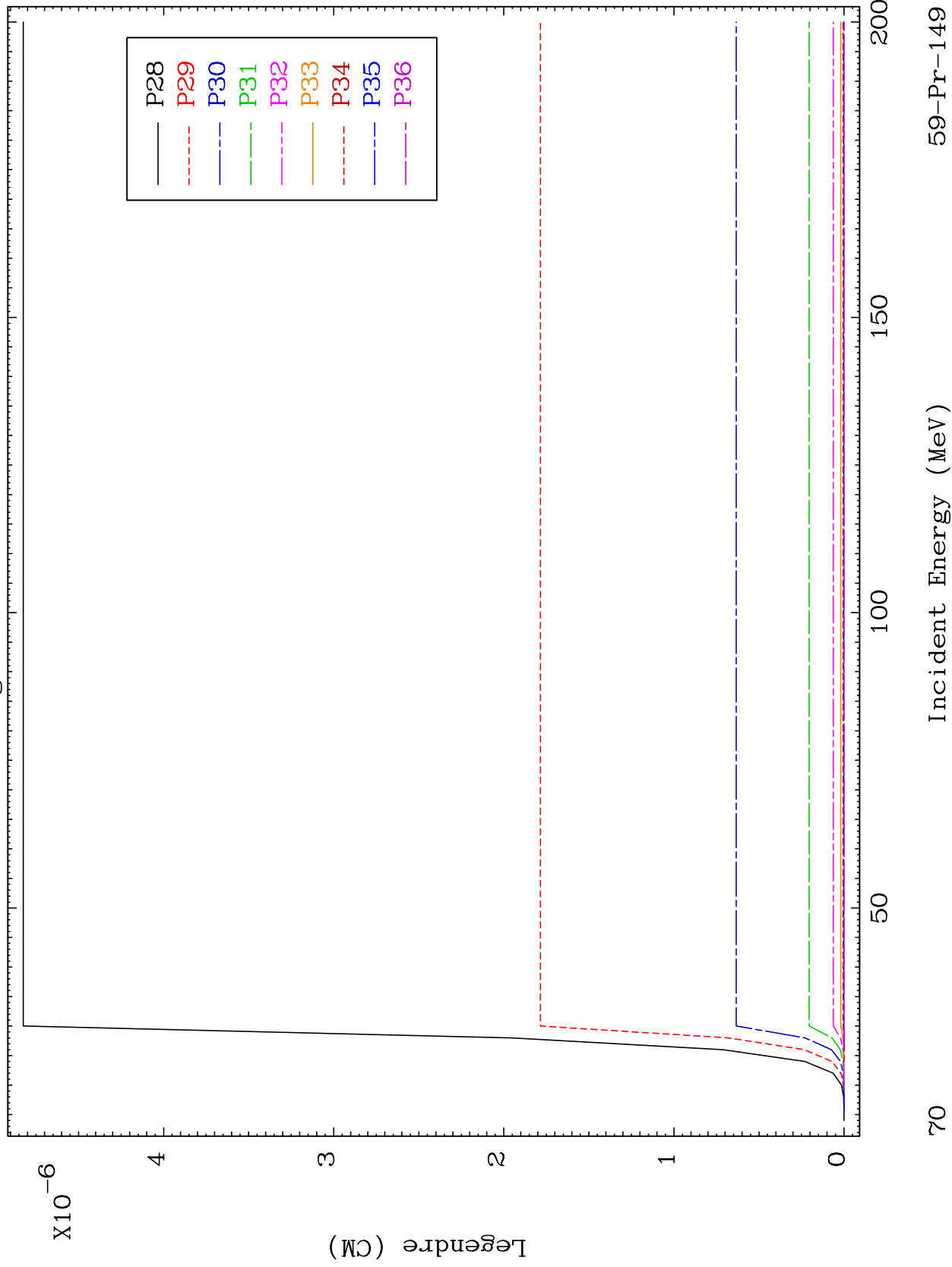
59-Pr-149



MAT 5949

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

59-Pr-149



70

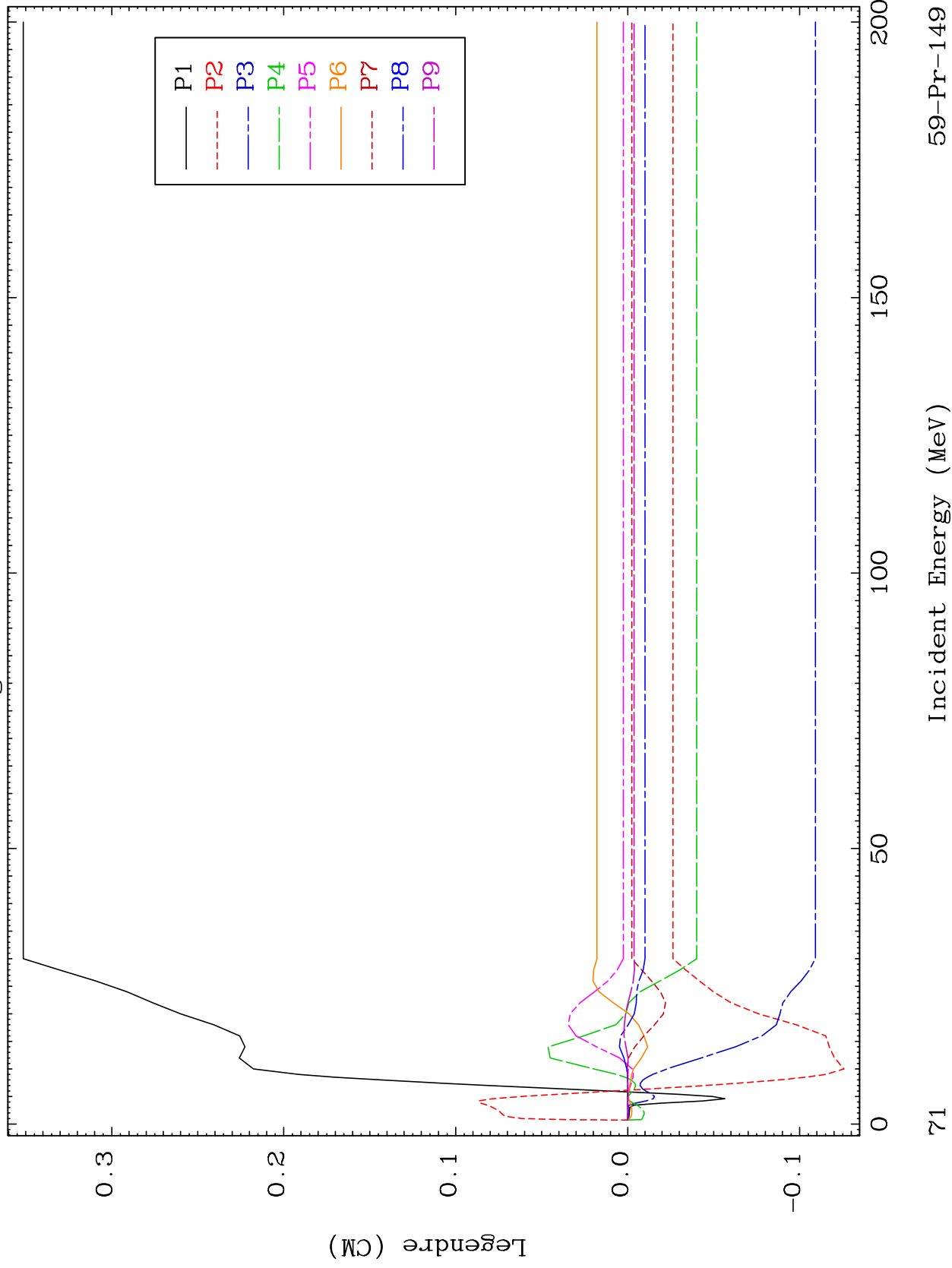
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



59-Pr-149

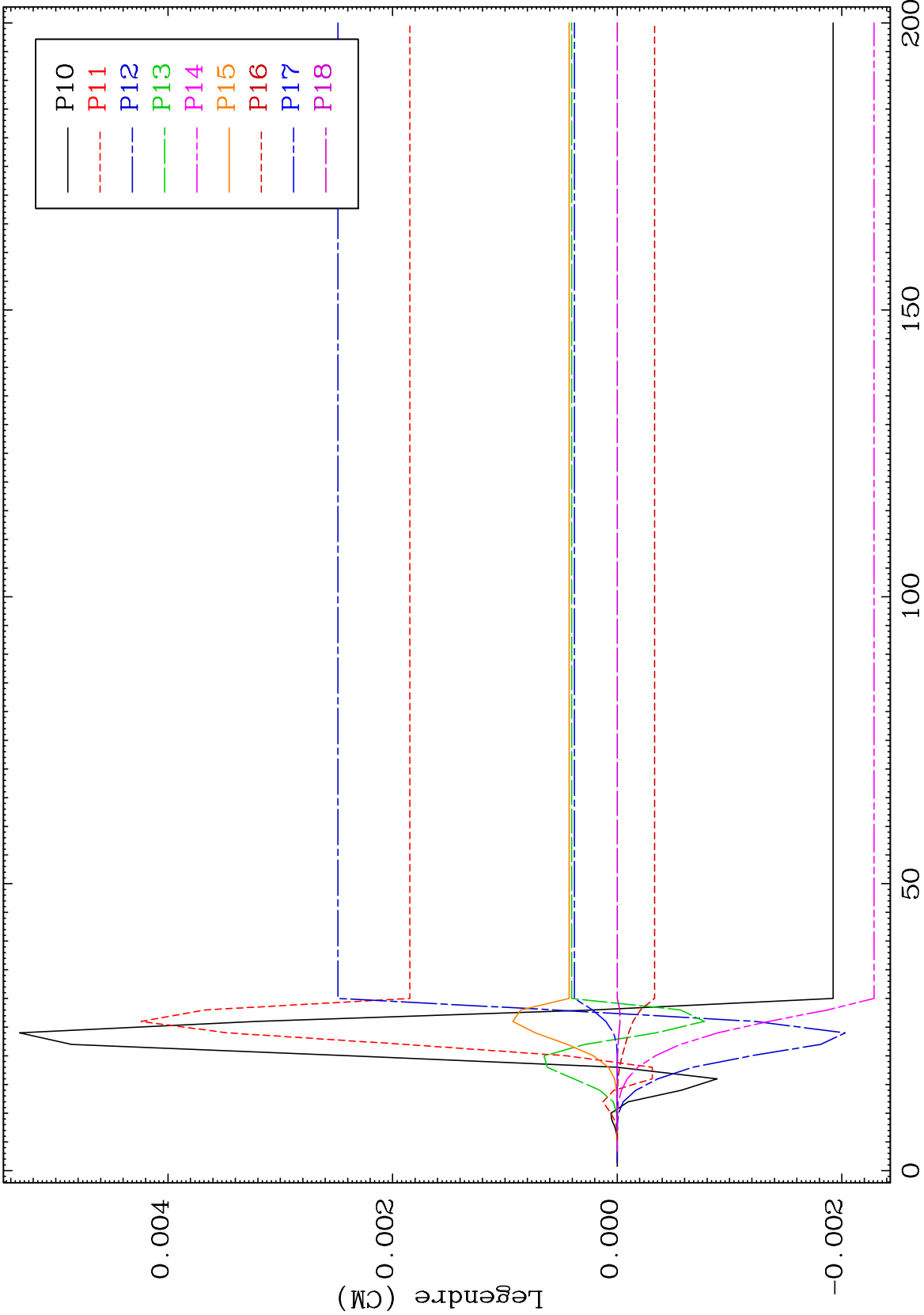
Incident Energy (MeV)

71

MAT 5949

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

59-Pr-149



72

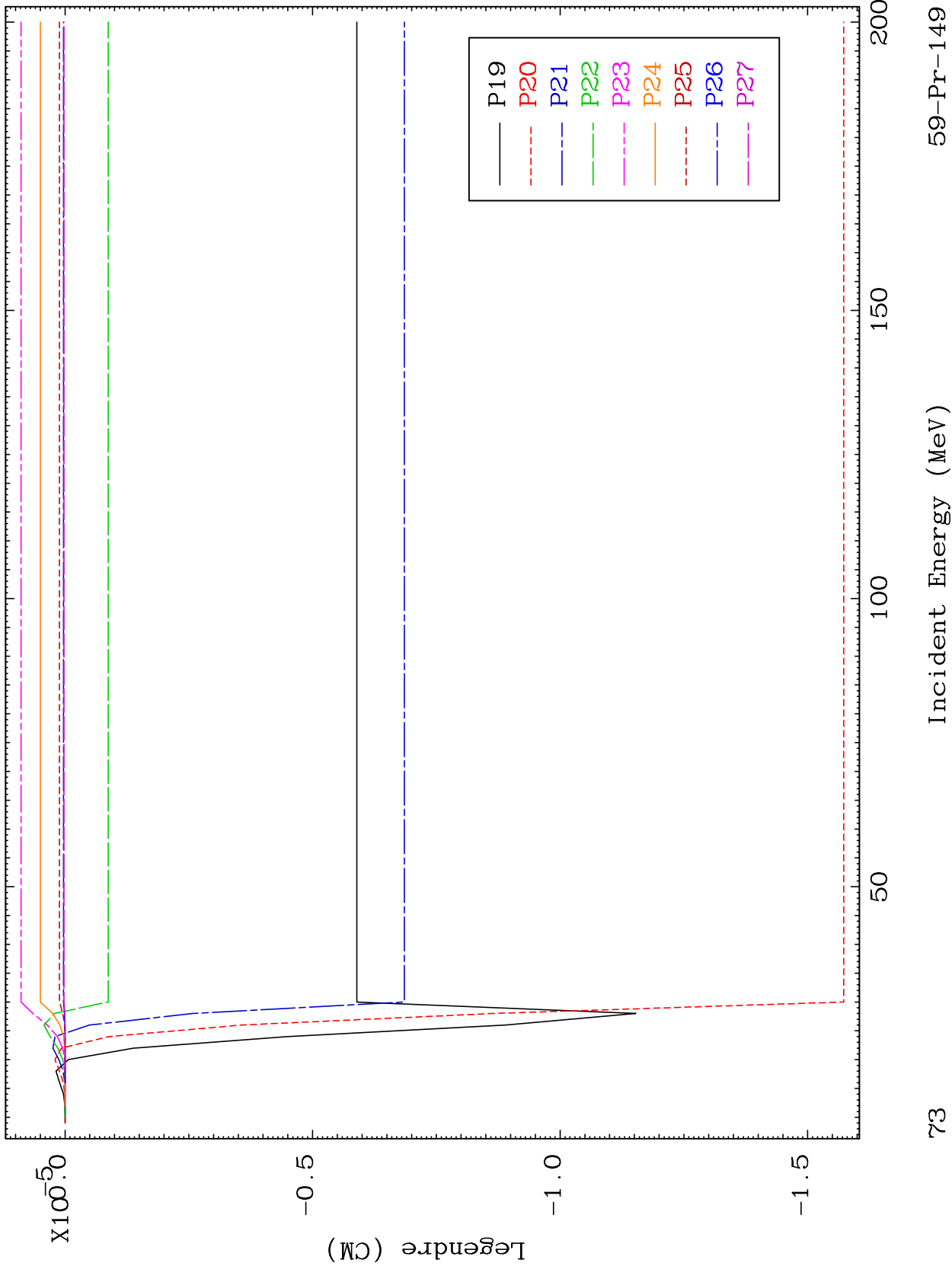
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

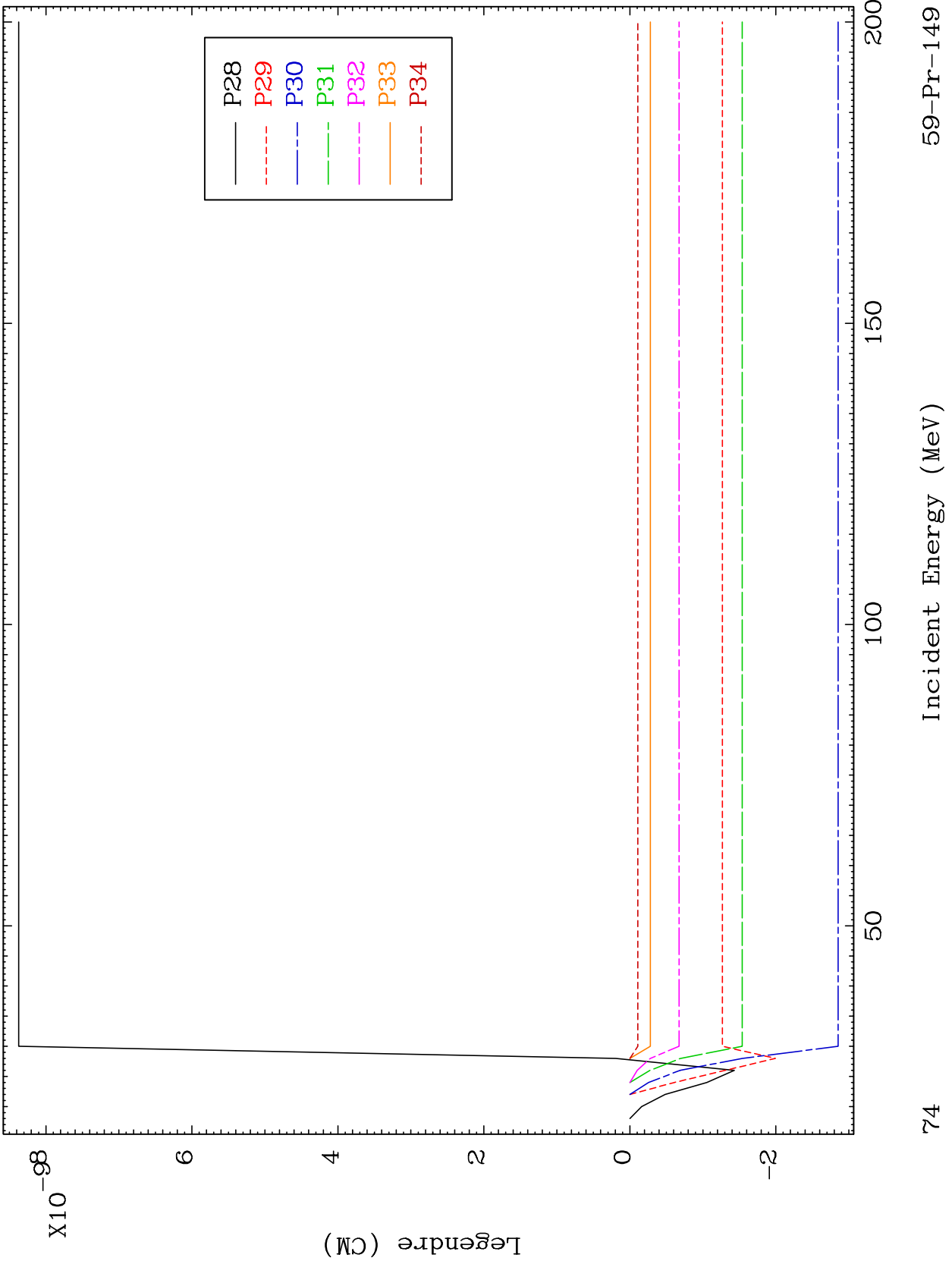
59-Pr-149



73

Incident Energy (MeV)

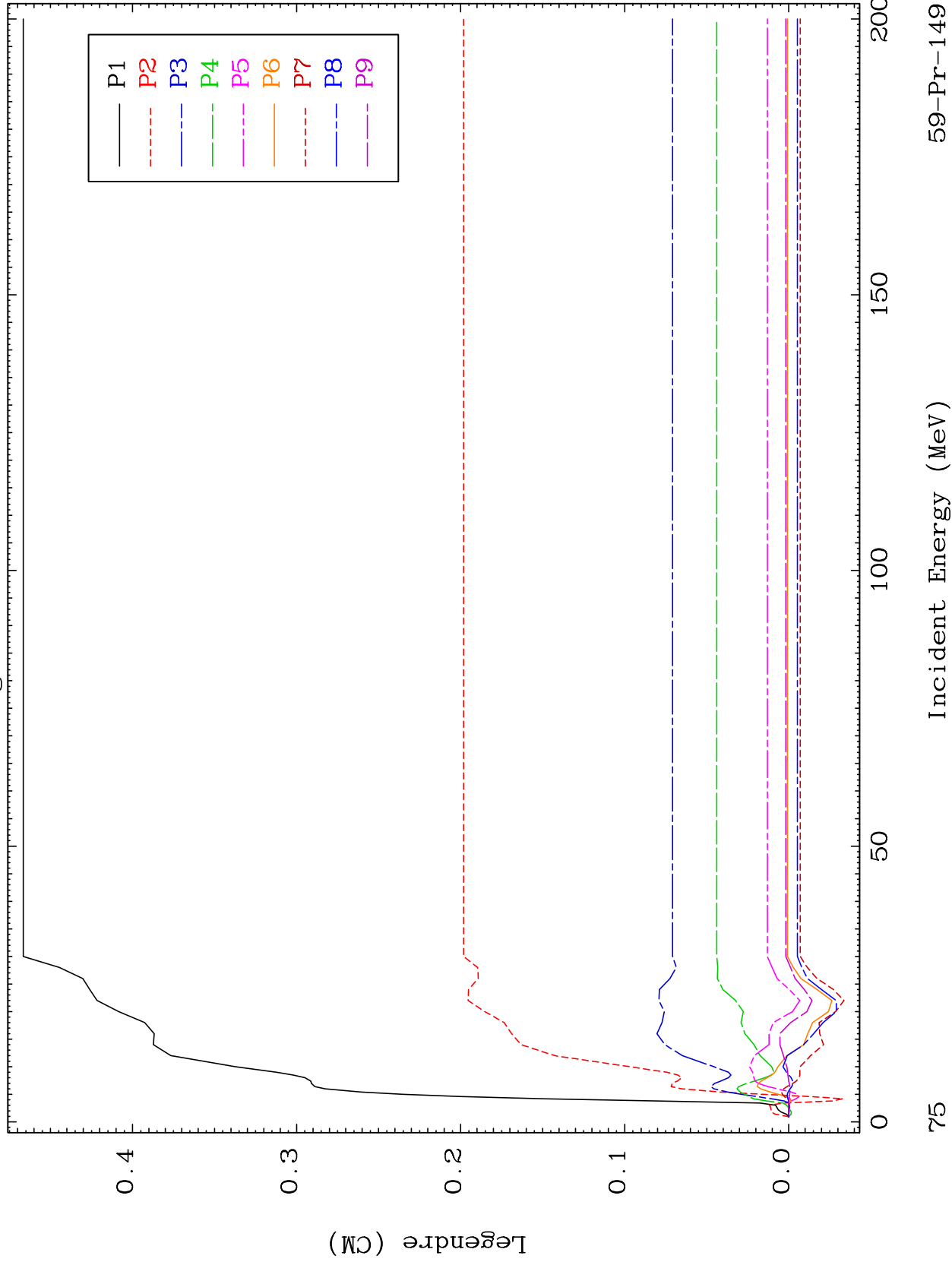
59-Pr-149



MAT 5949

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

59-Pr-149



59-Pr-149

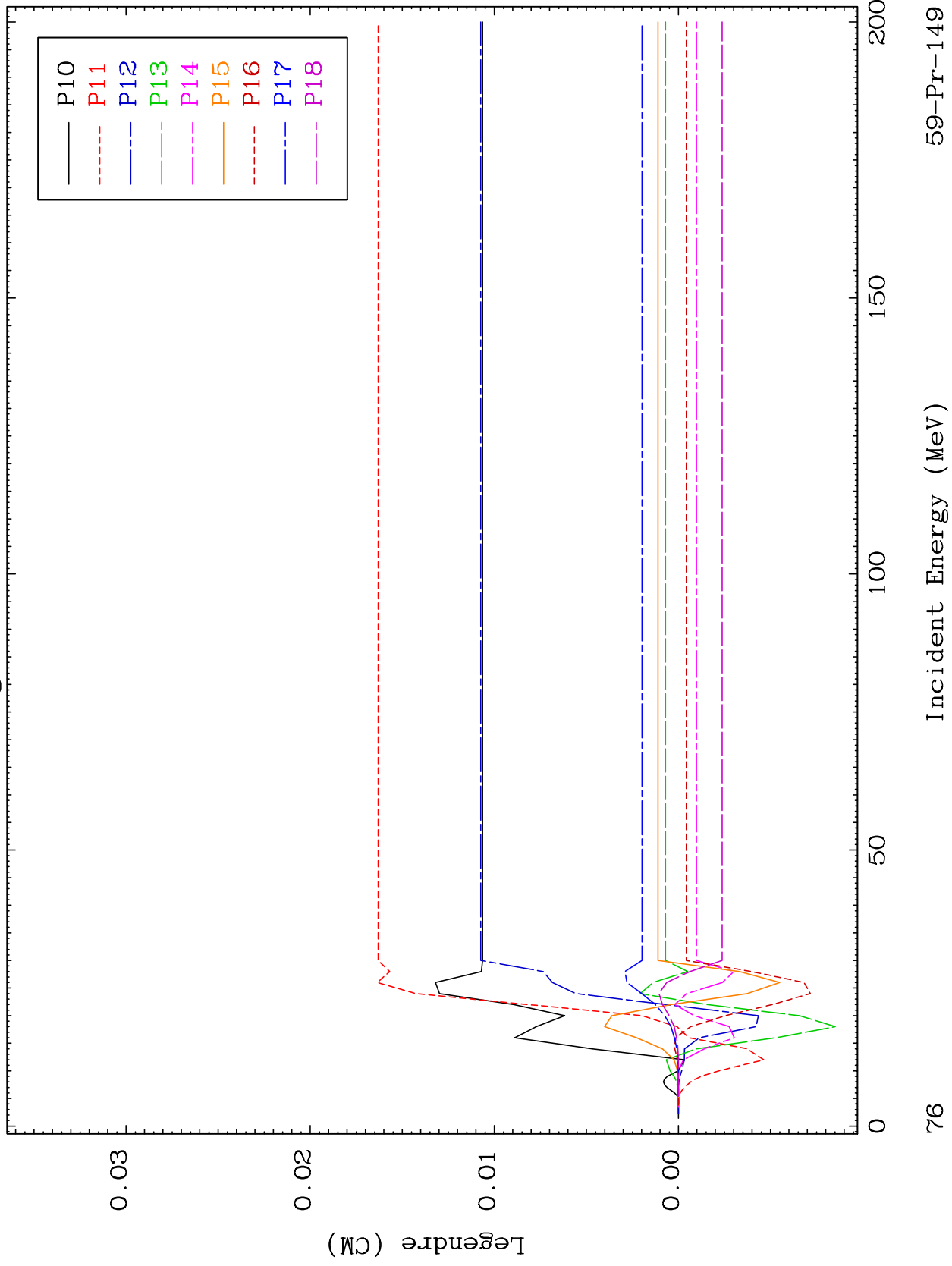
Incident Energy (MeV)

75

MAT 5949

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

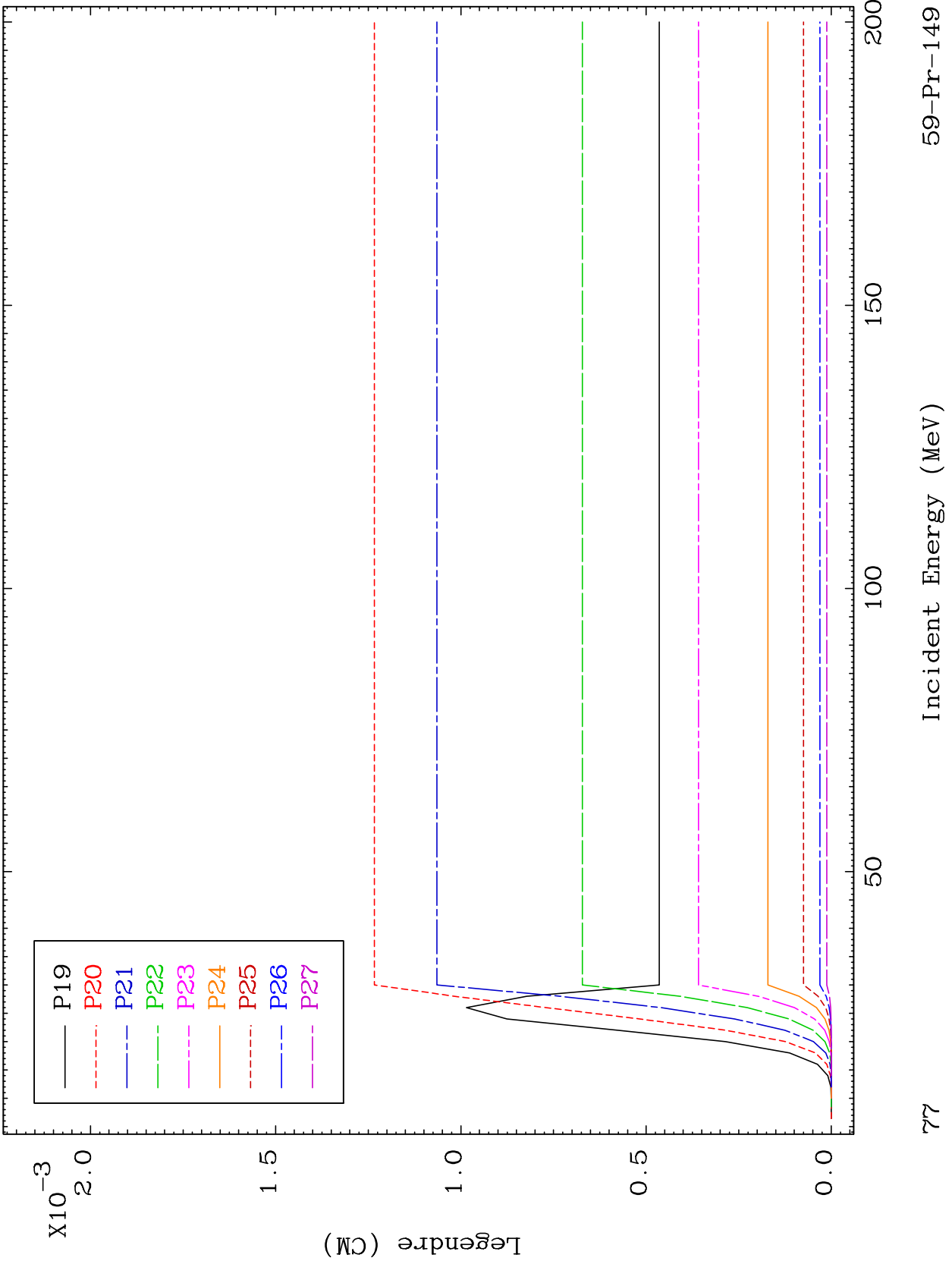
59-Pr-149



76

Incident Energy (MeV)

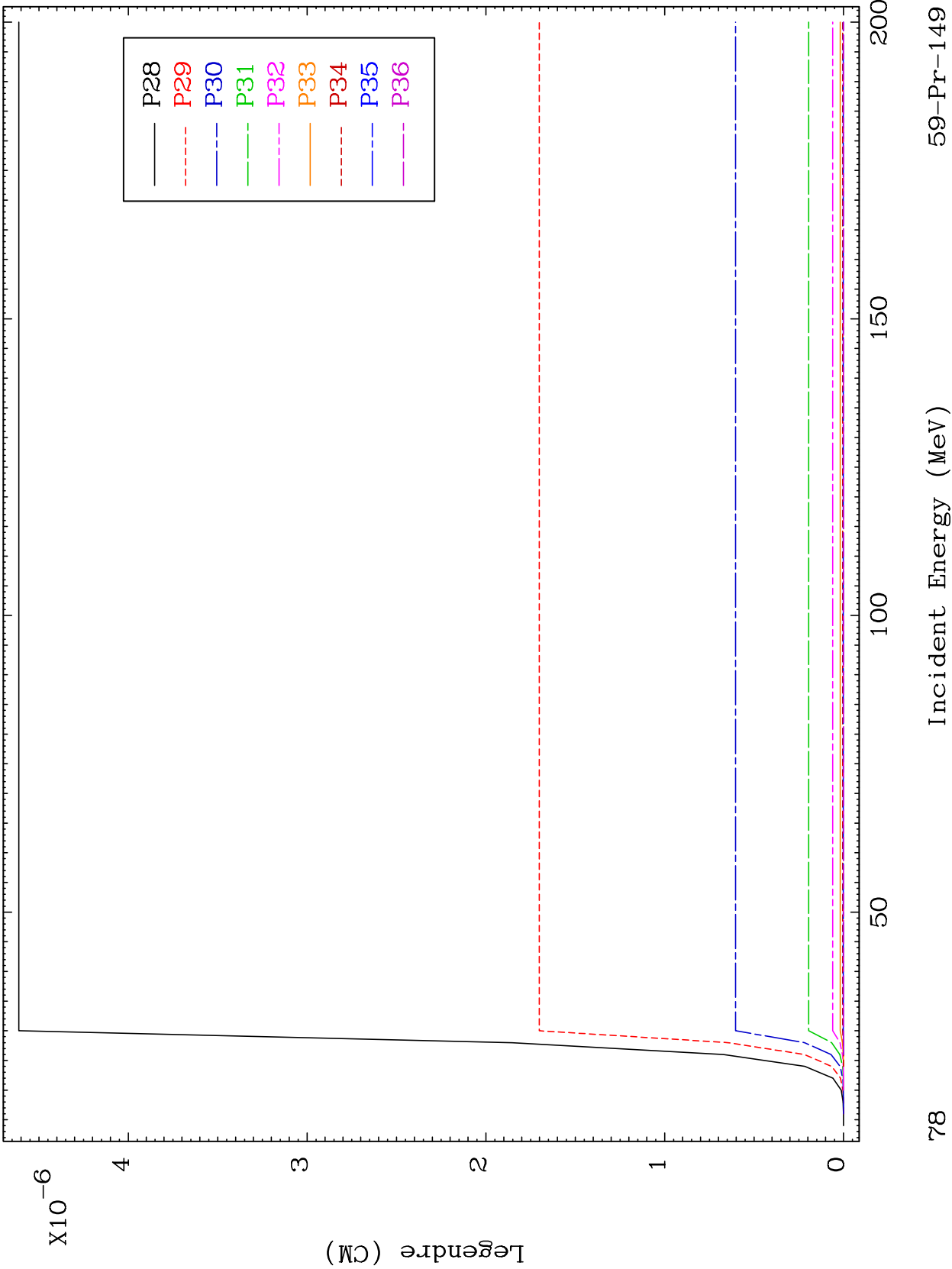
59-Pr-149



MAT 5949

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

59-Pr-149



78

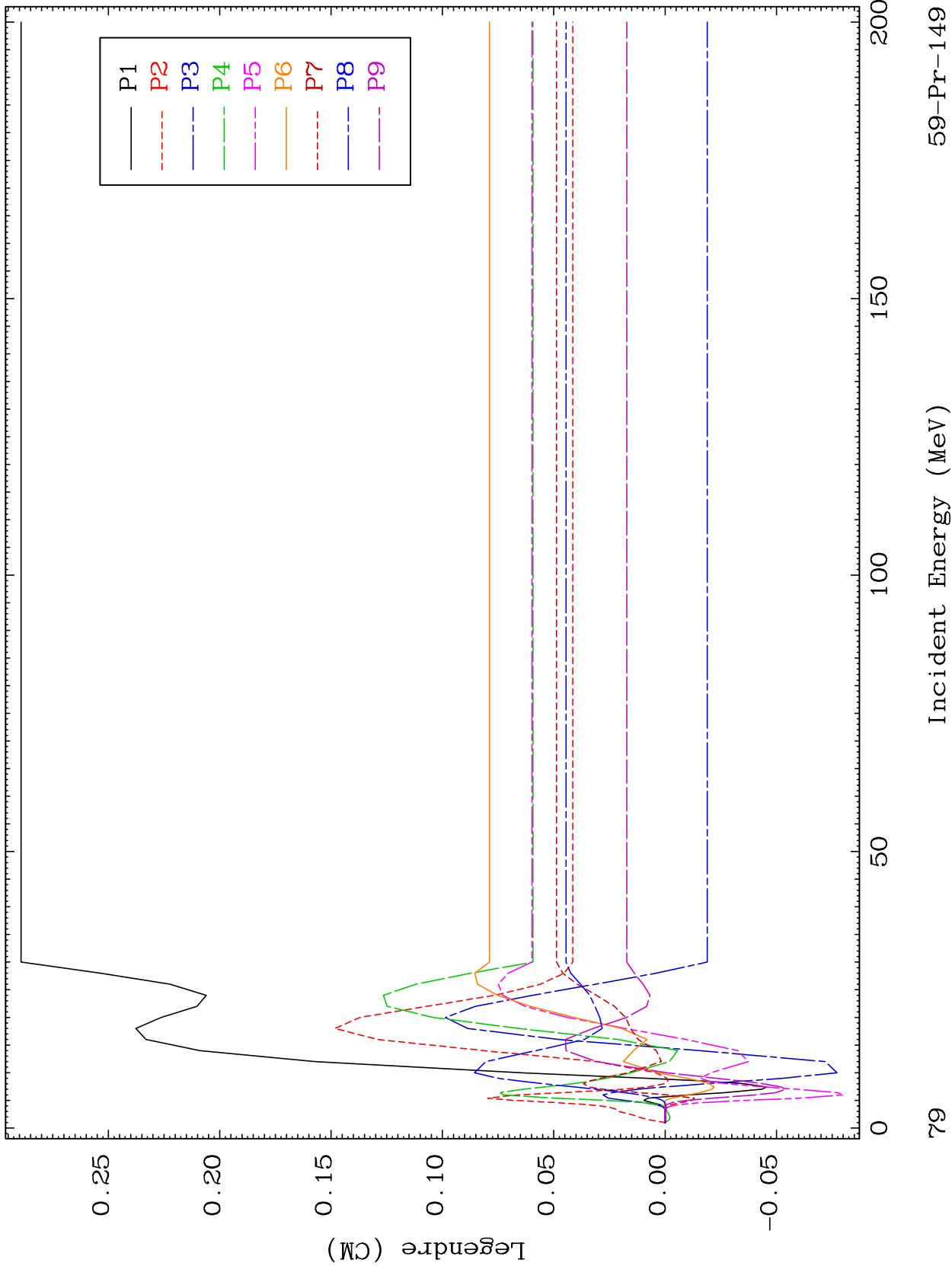
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

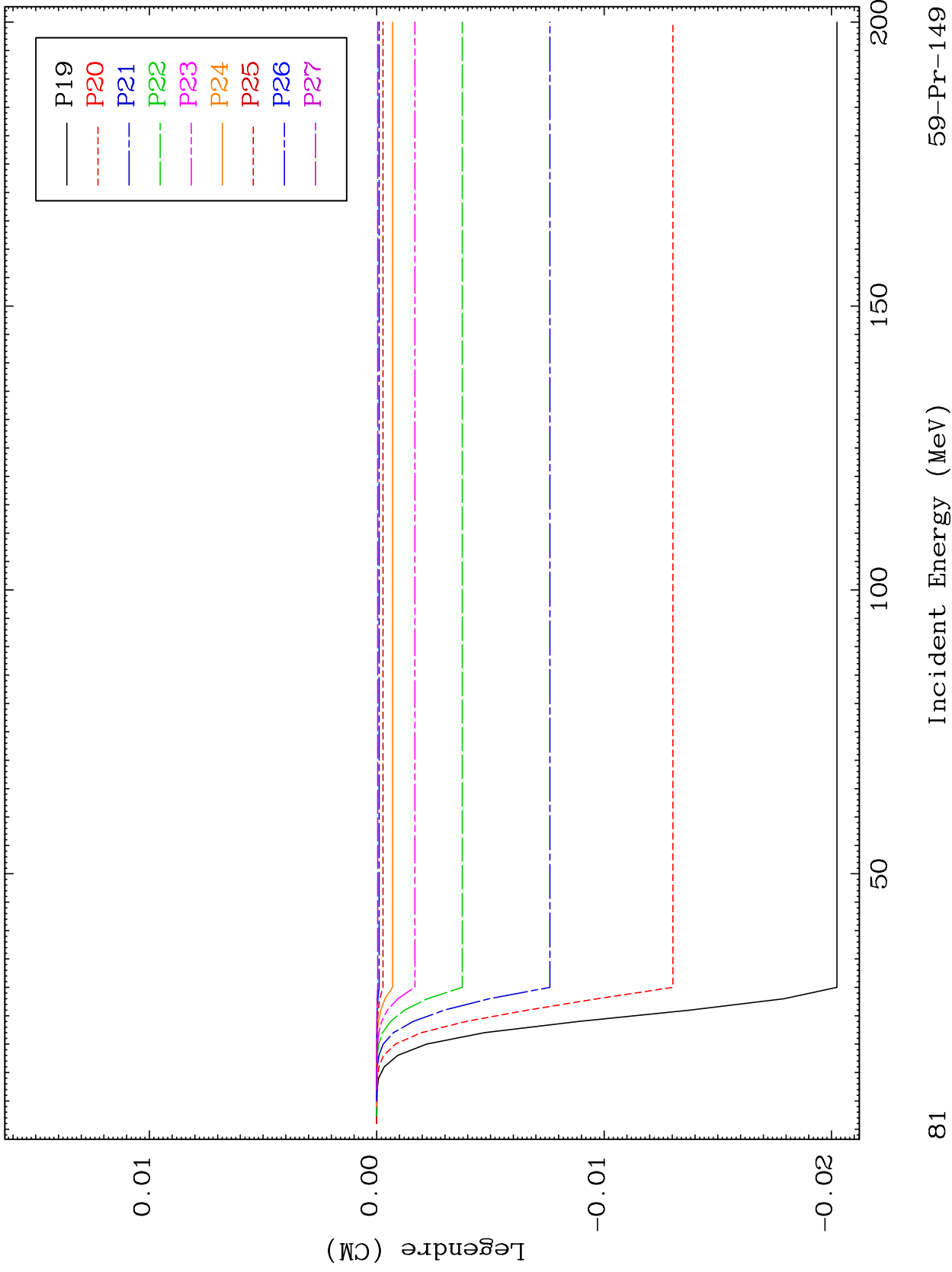
59-Pr-149



59-Pr-149

Incident Energy (MeV)

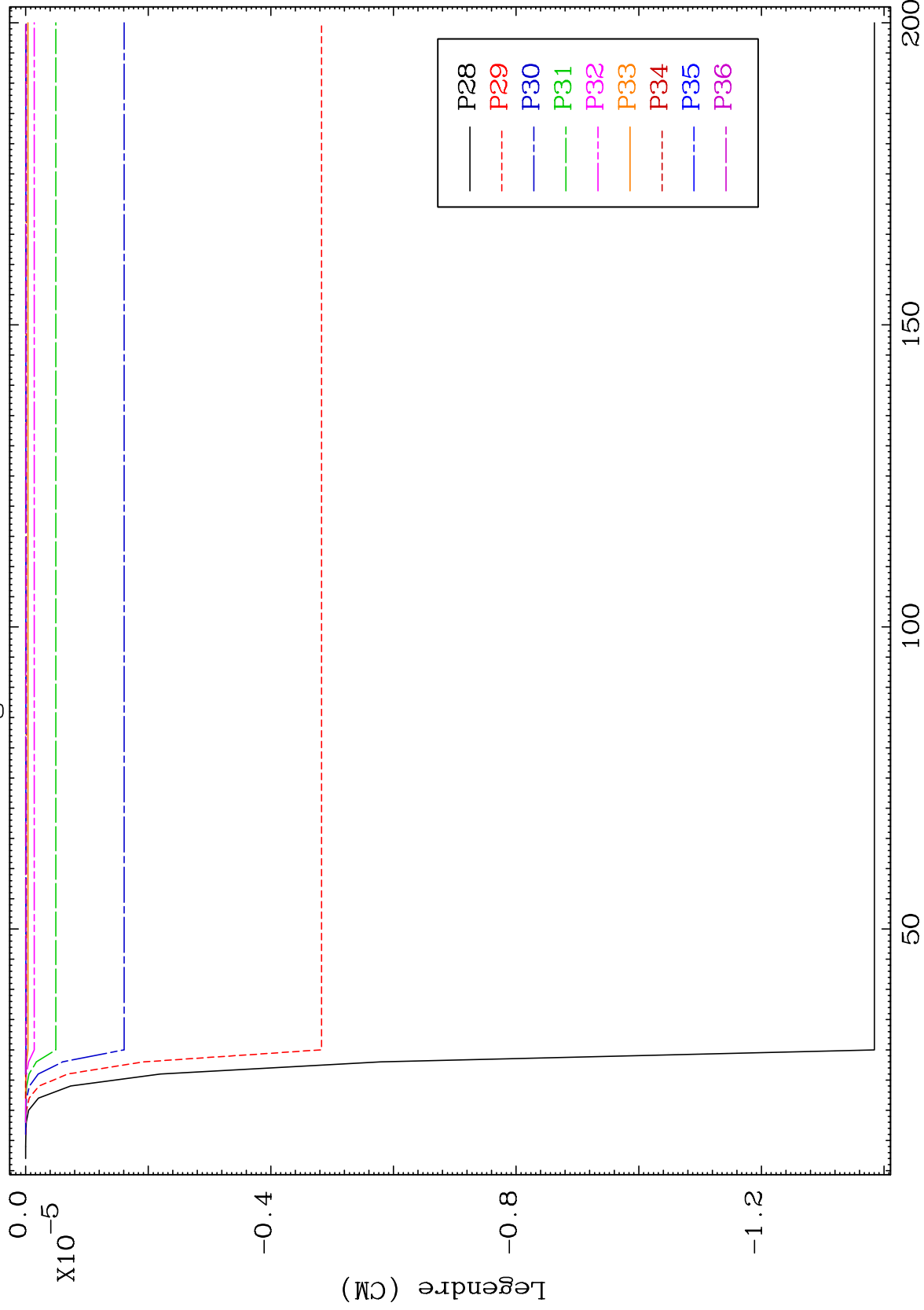
79



MAT 5949

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

59-Pr-149



82

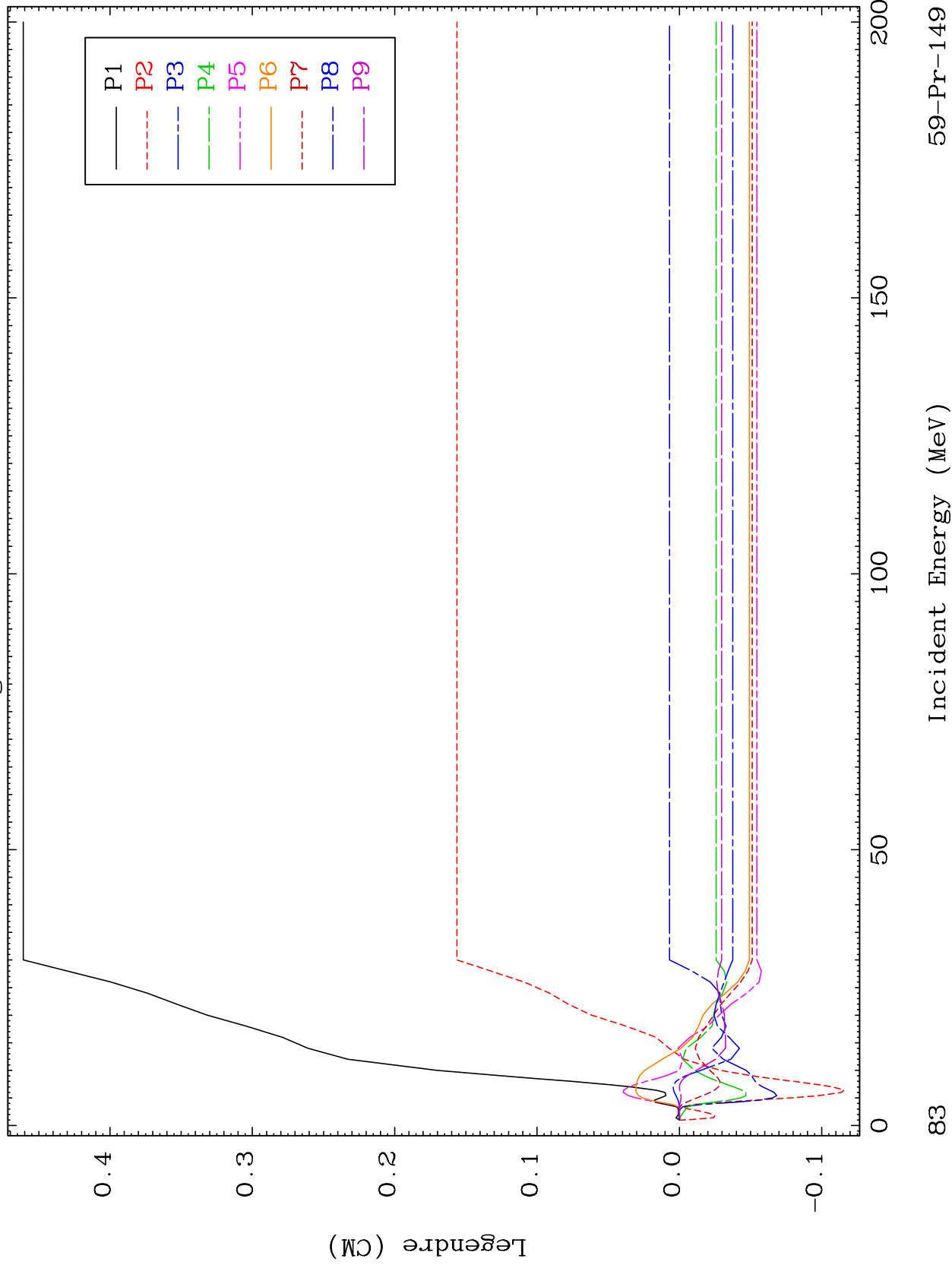
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



59-Pr-149

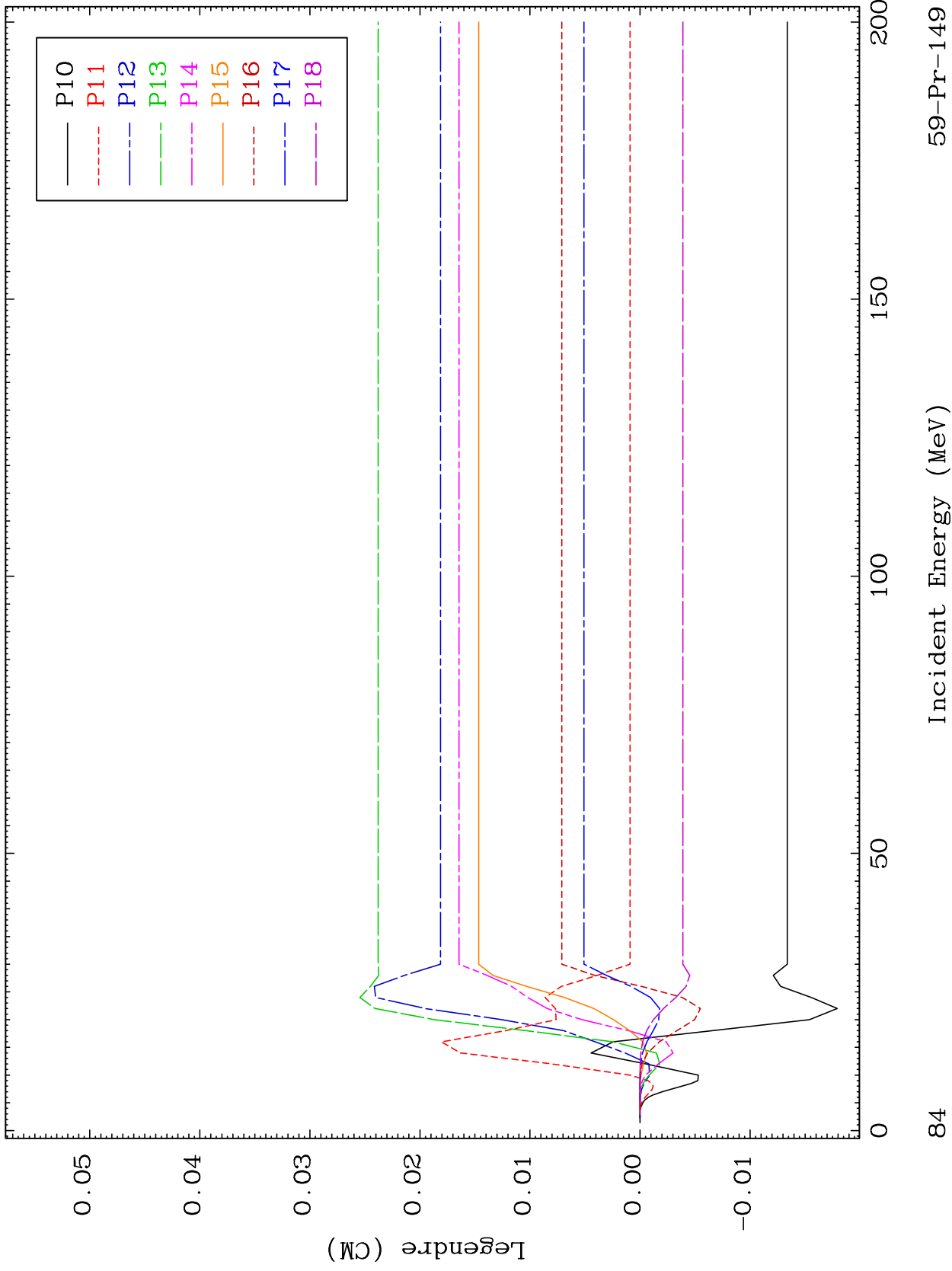
Incident Energy (MeV)

83

MAT 5949

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

59-Pr-149



84

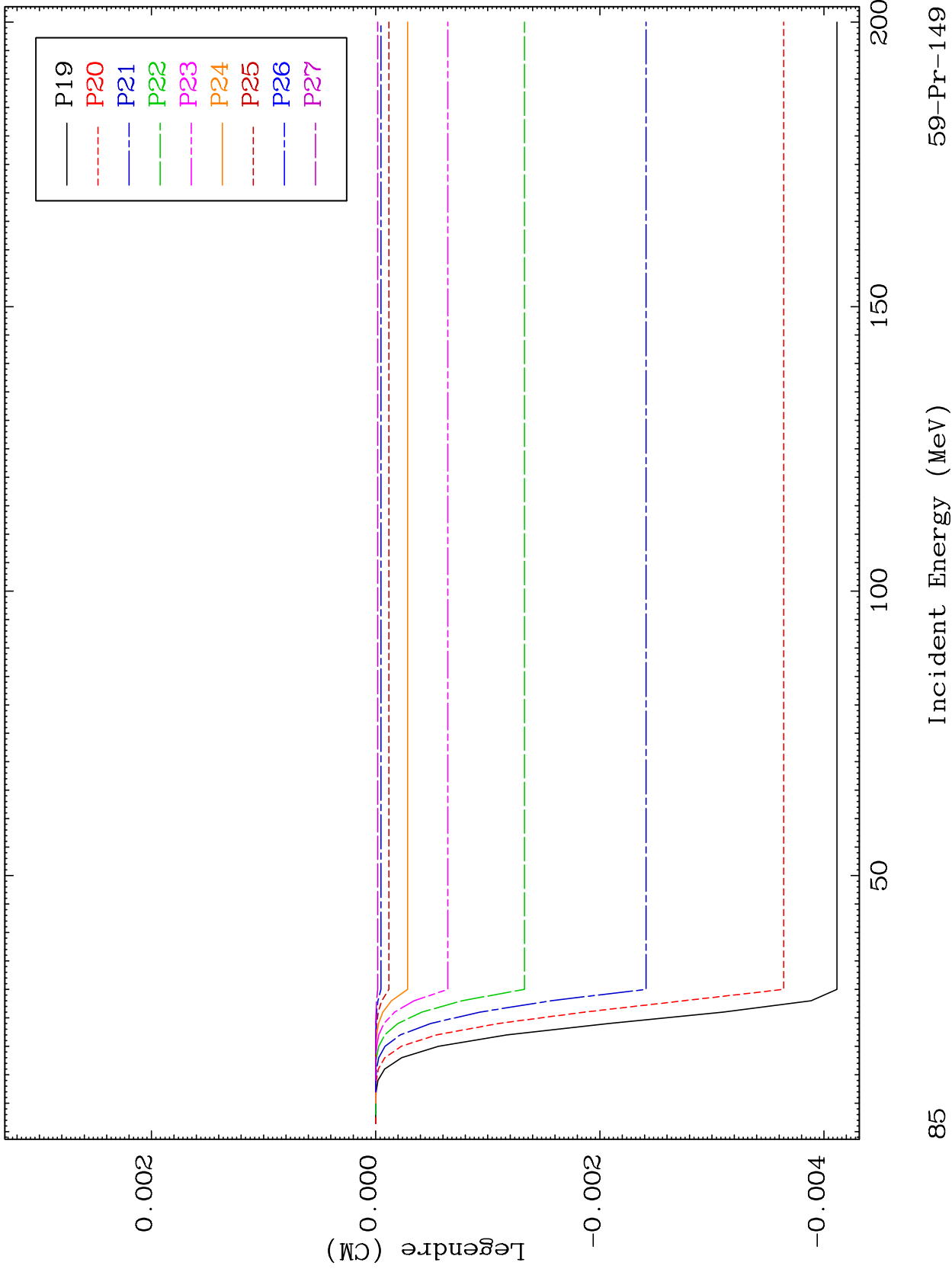
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



85

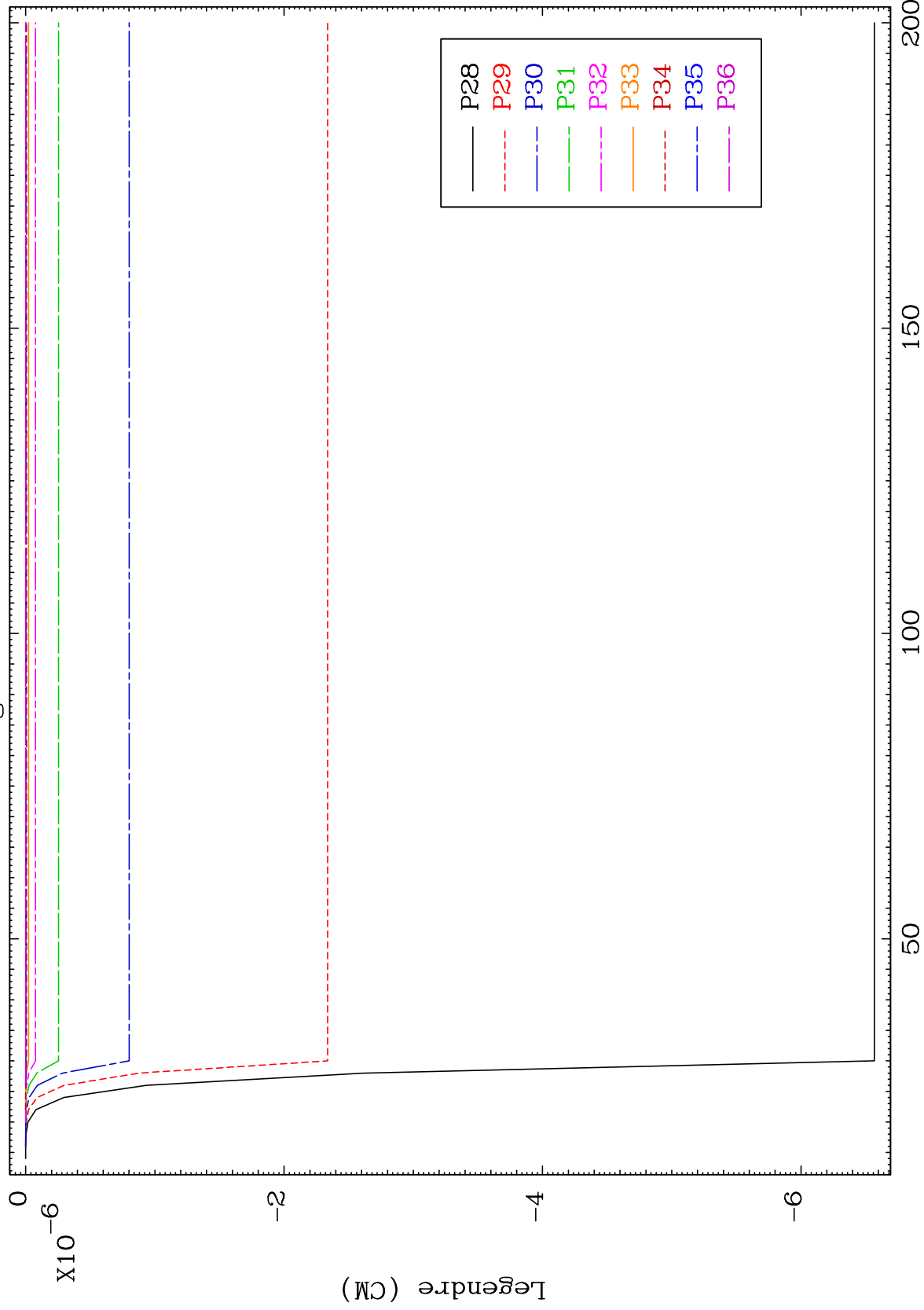
Incident Energy (MeV)

59-Pr-149

MAT 5949

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

59-Pr-149



86

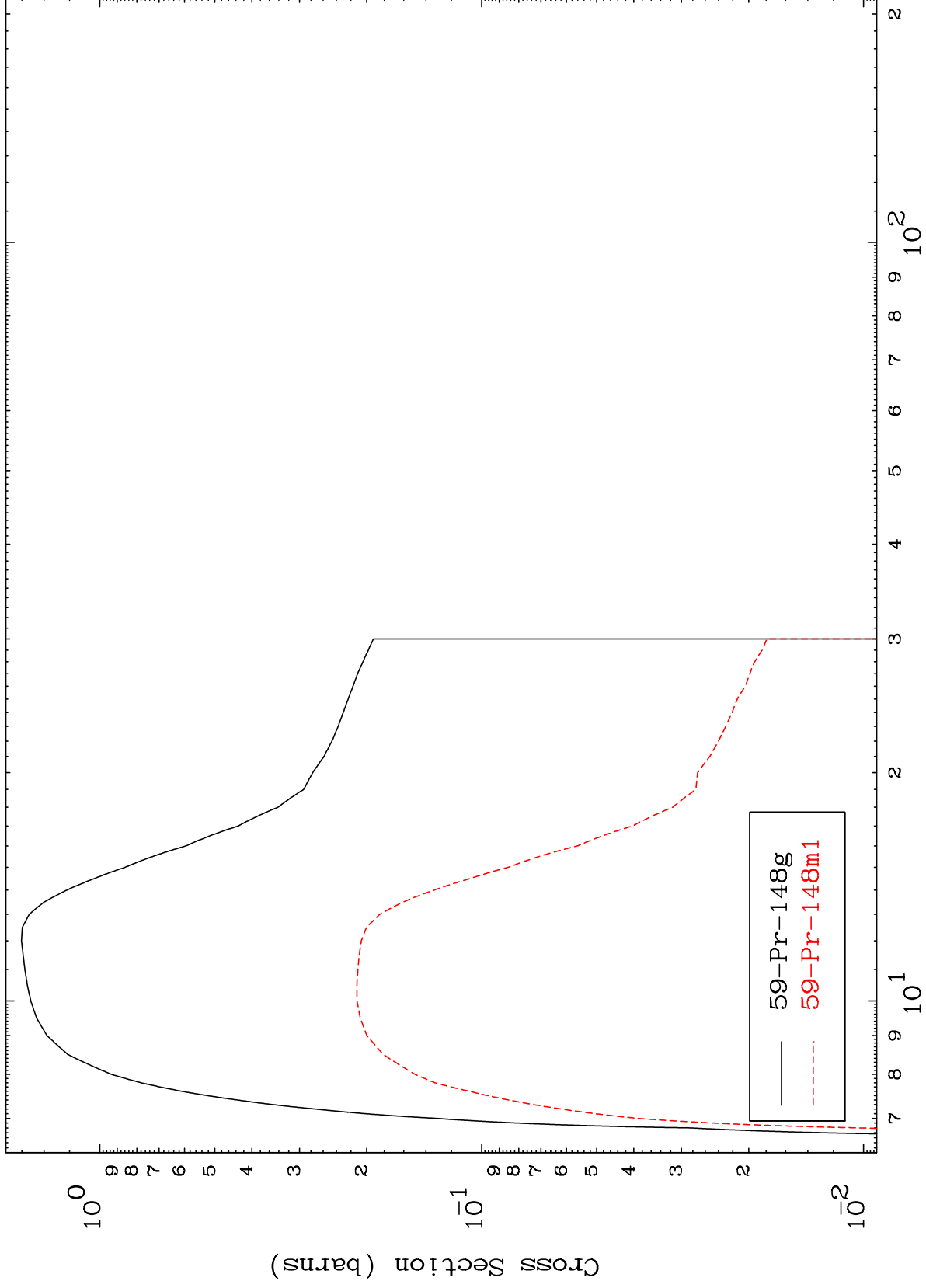
Incident Energy (MeV)

59-Pr-149

MAT 5949

59-Pr-149

(n,2n)
Radionuclide Production Cross Section

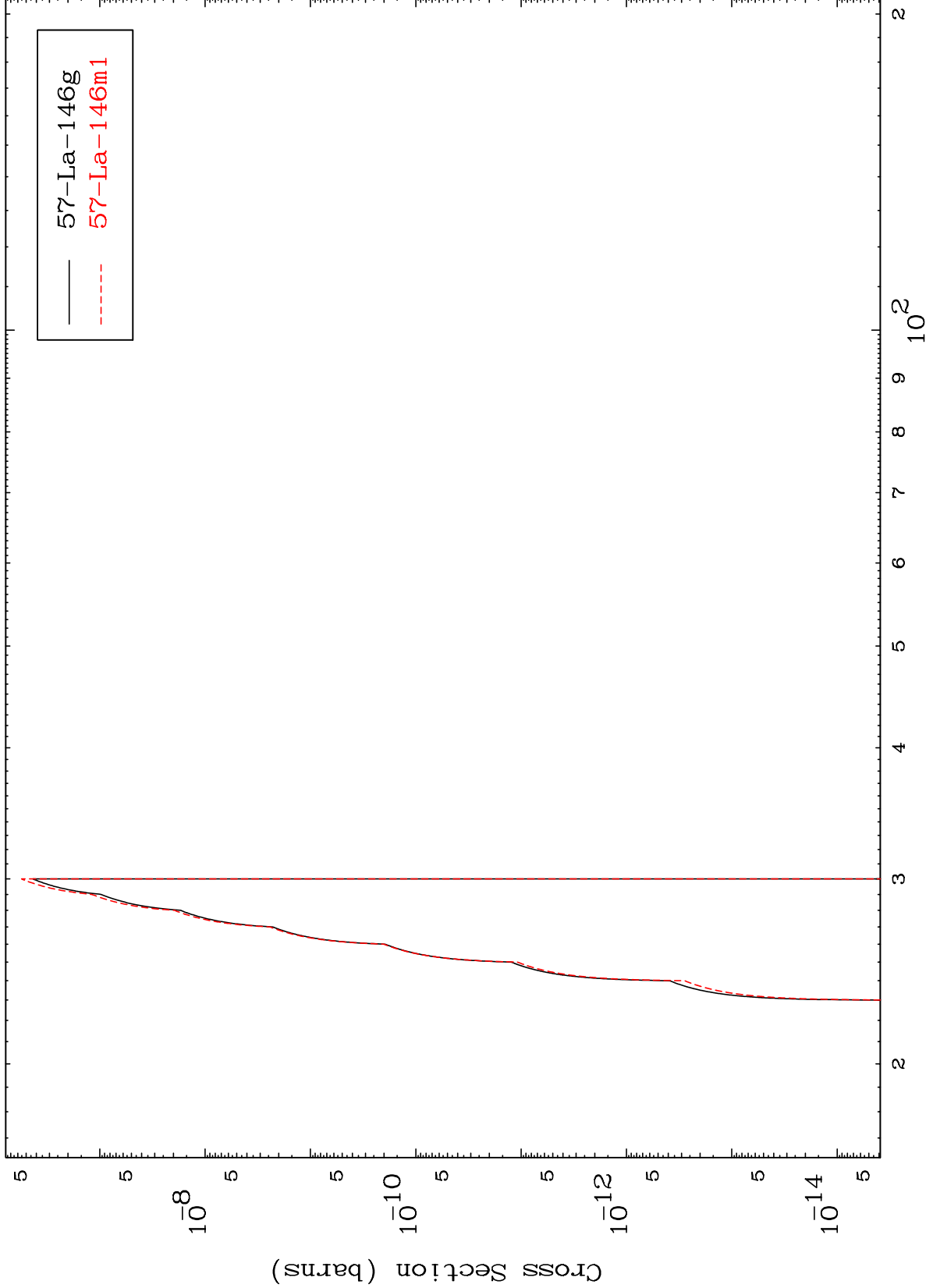


87

Incident Energy (MeV)

59-Pr-149

Radionuclide Production Cross Section



MAT 5949

59-Pr-149

(n, α)
Radionuclide Production Cross Section

