

Program EVALPLOT
(Version 2021-1)

by

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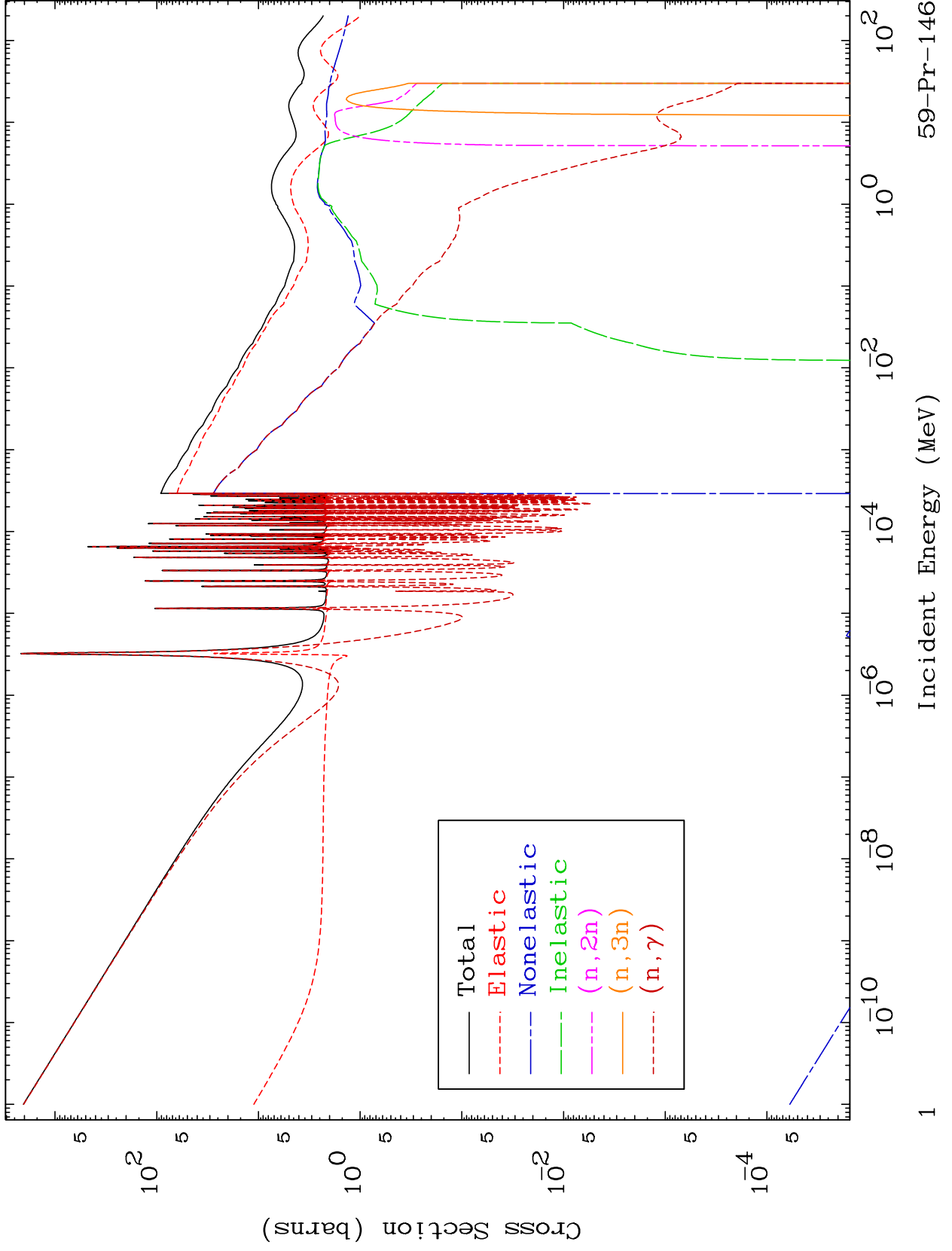
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5940

Neutron Major
293 Kelvin Cross Sections

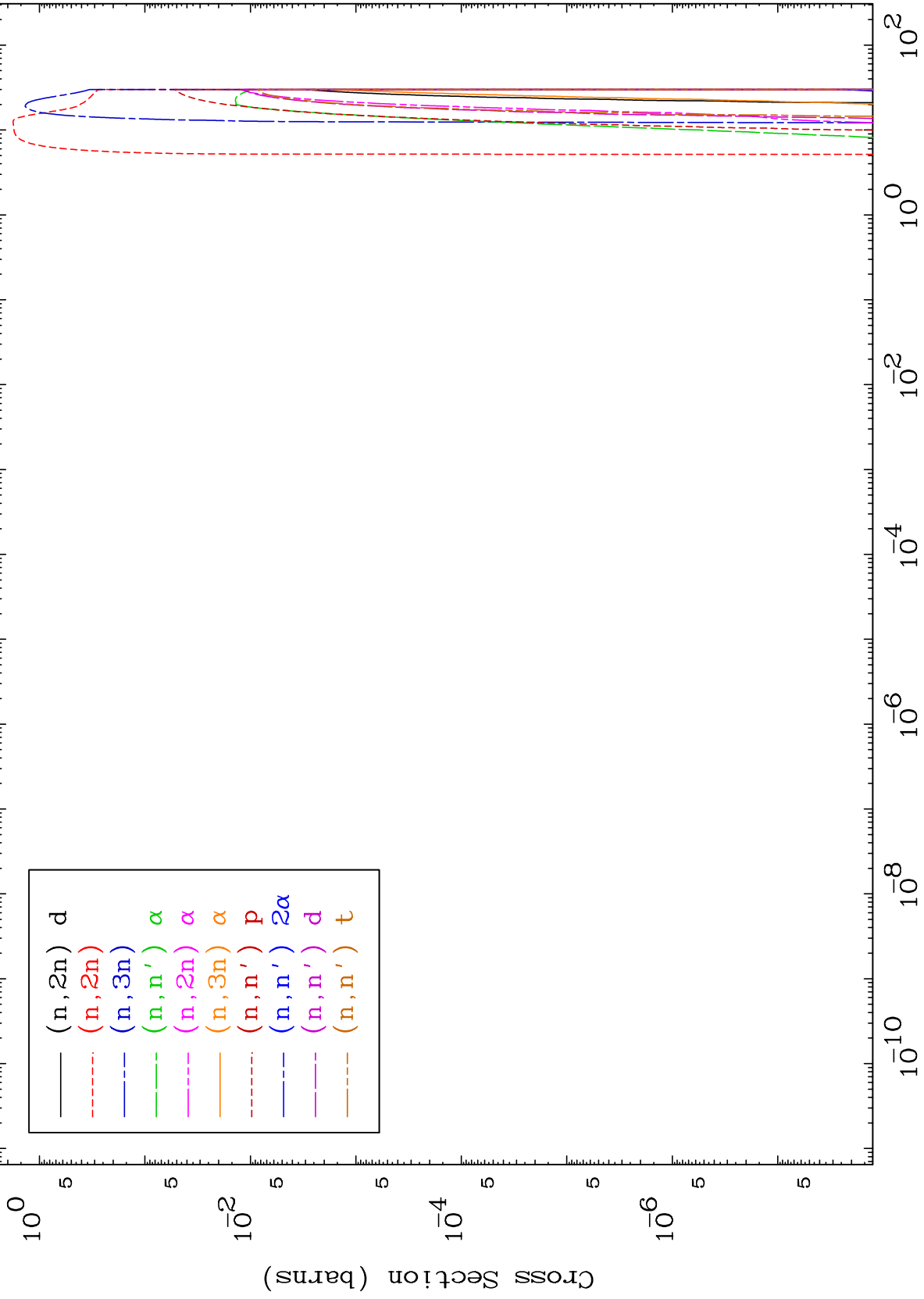
59-Pr-146



MAT 5940

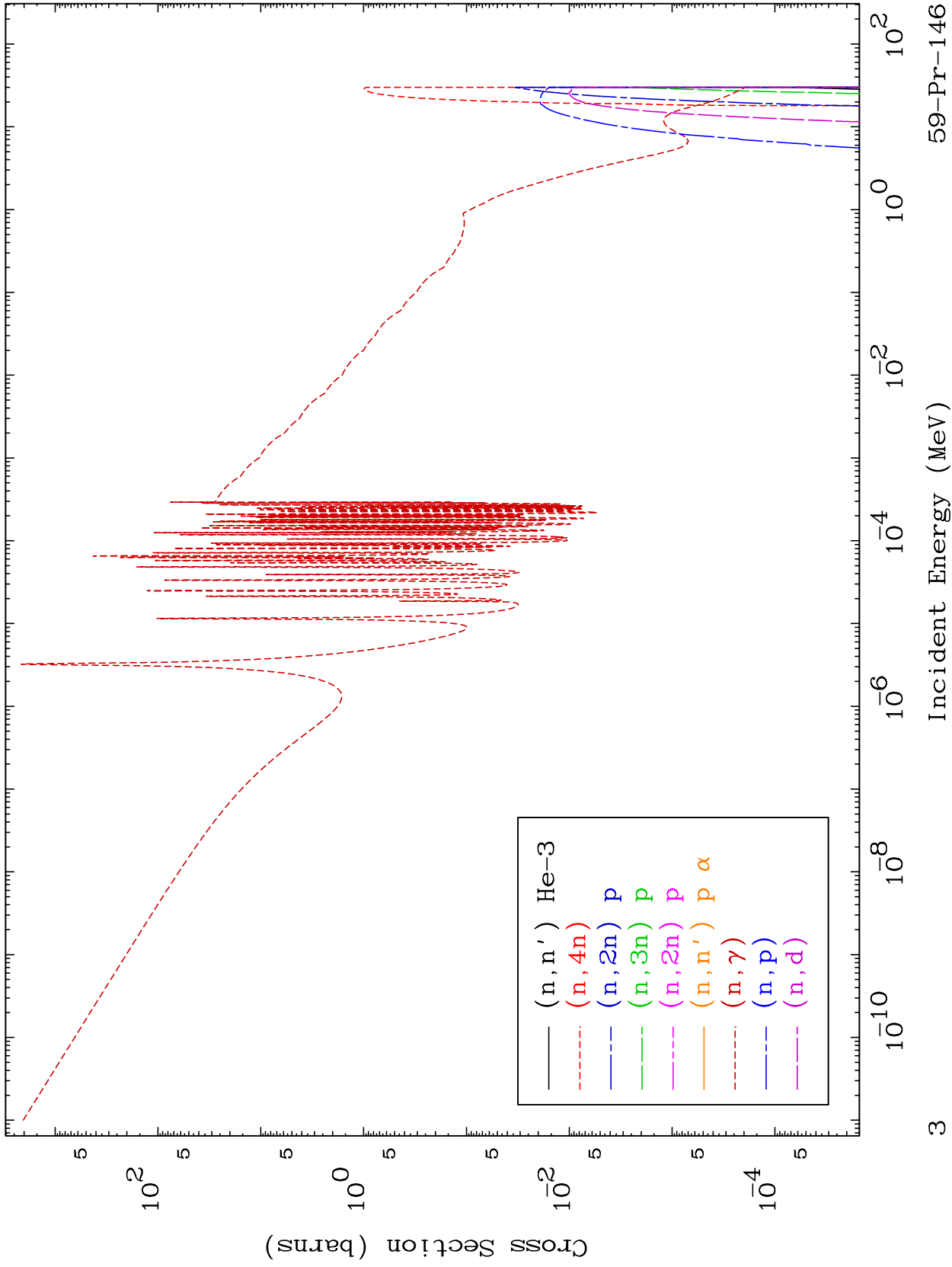
Neutron Absorption
293 Kelvin Cross Sections

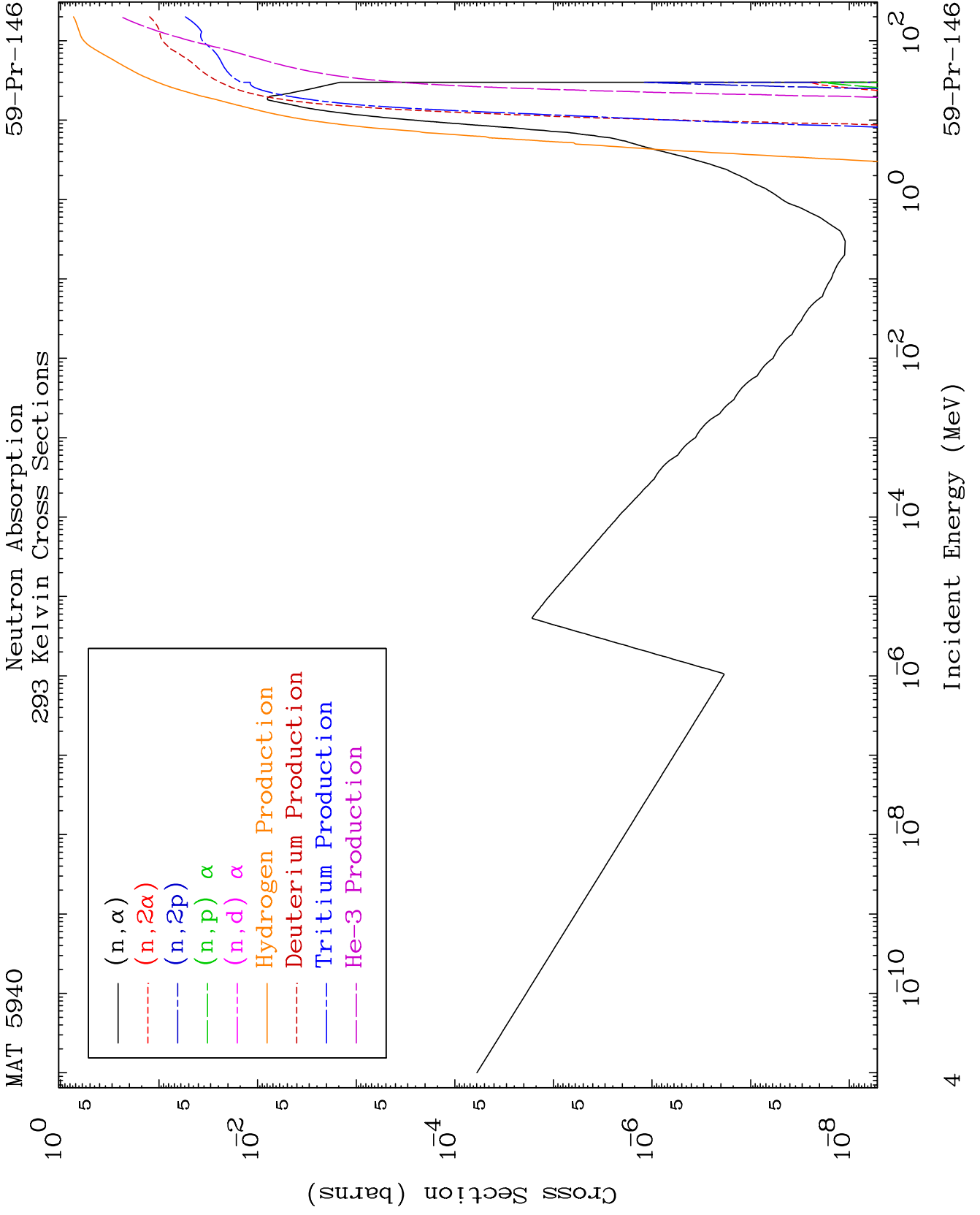
59-Pr-146



59-Pr-146

Incident Energy (MeV)

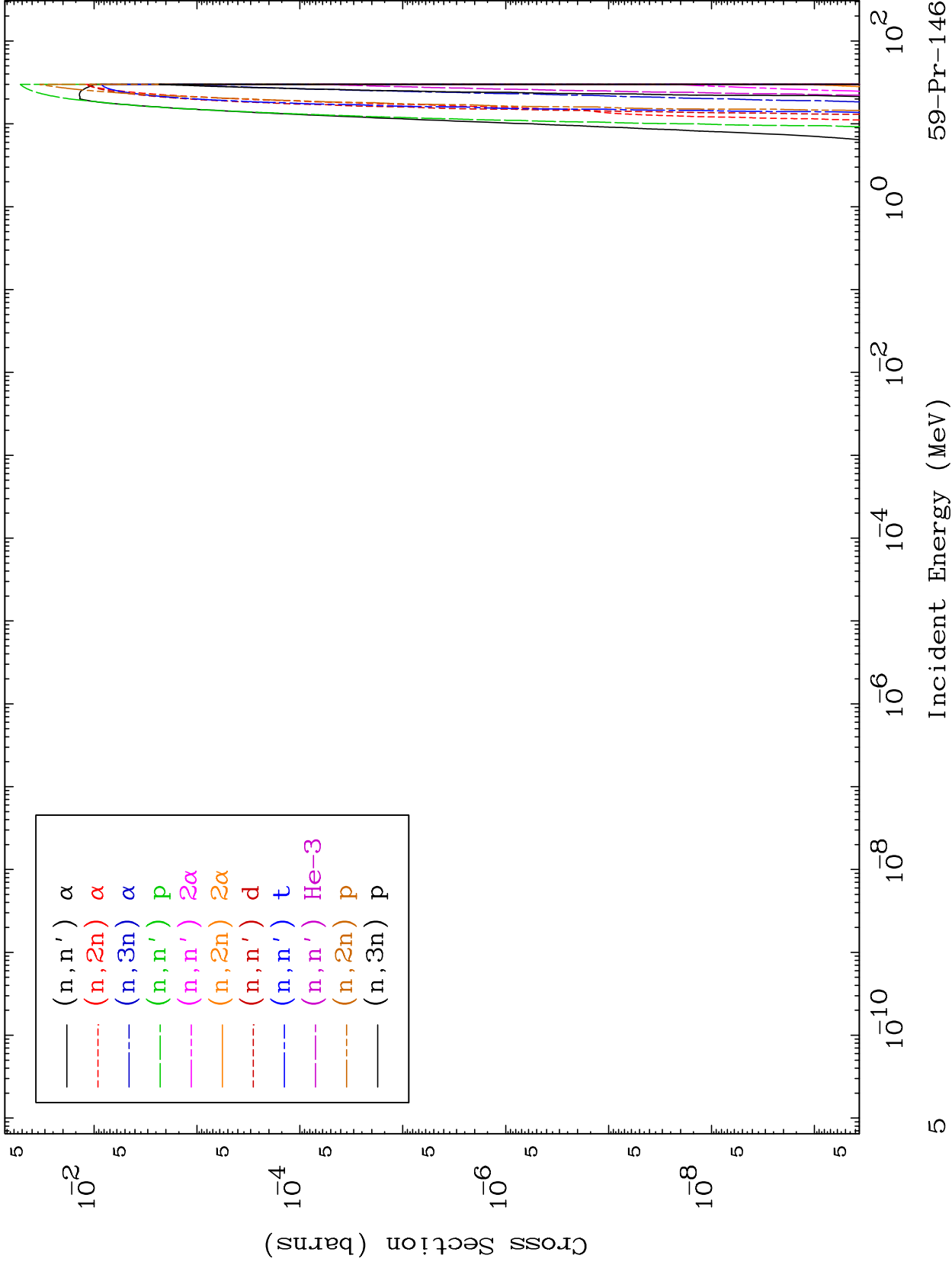




MAT 5940

Charged Particle
293 Kelvin Cross Sections

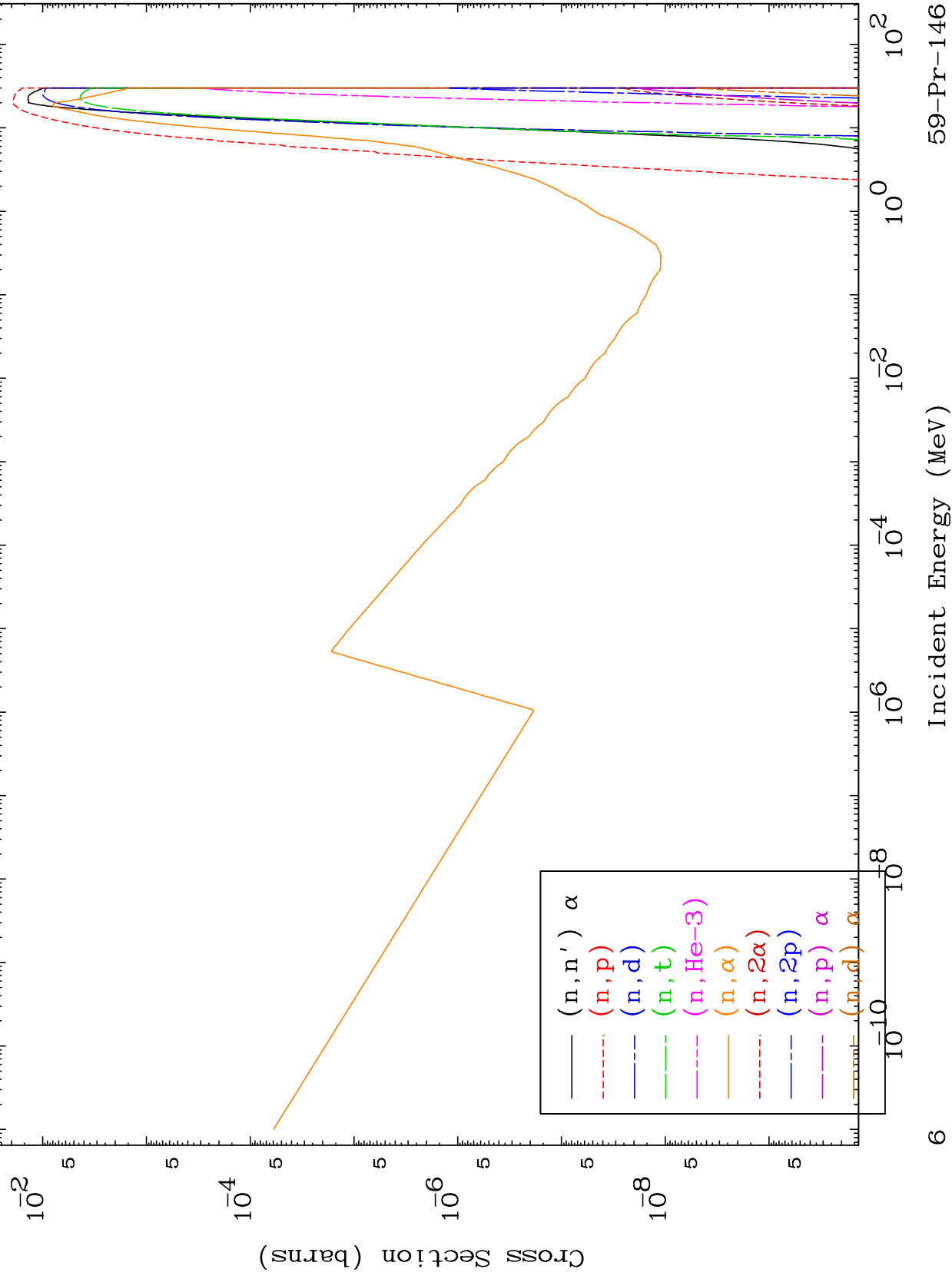
59-Pr-146

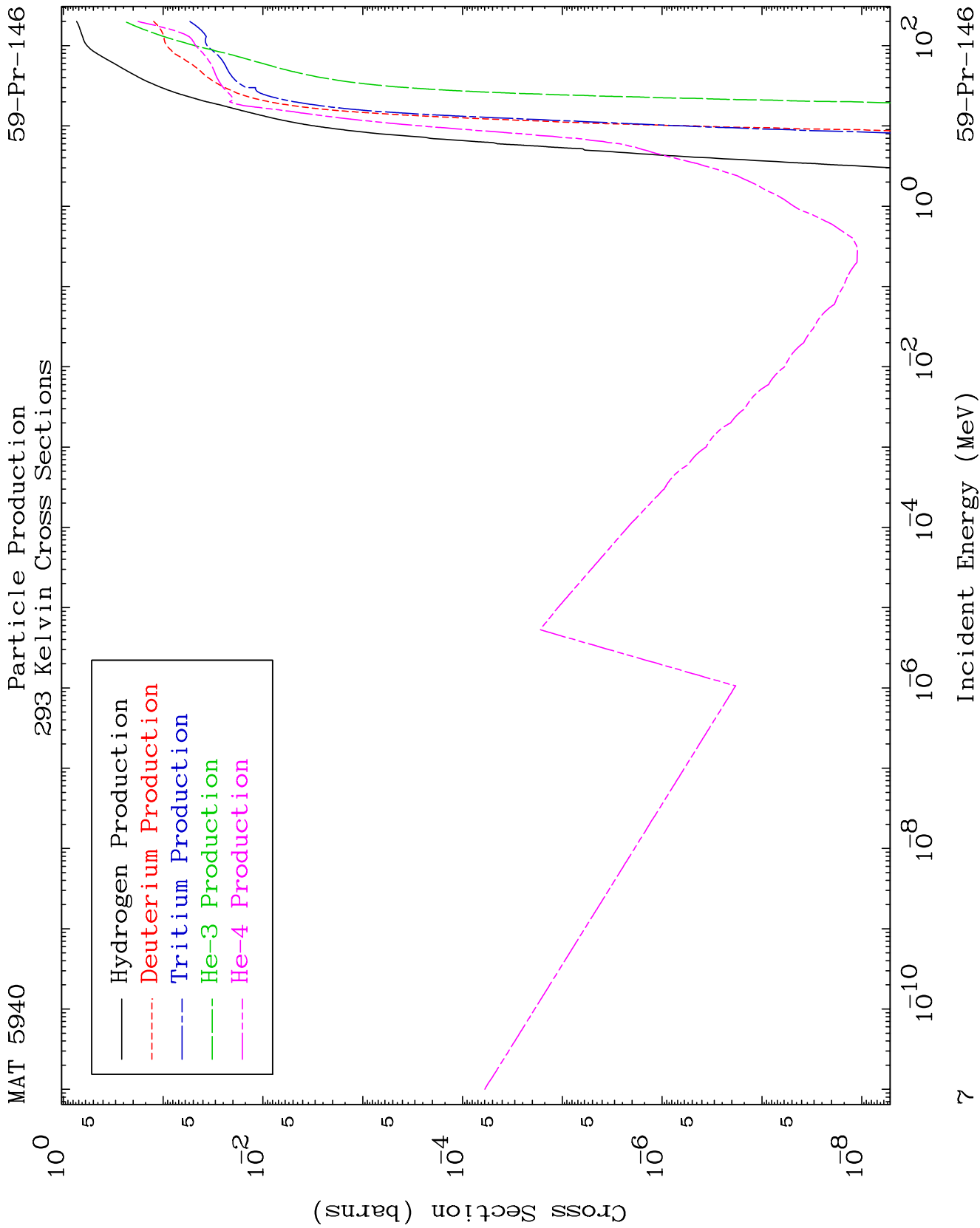


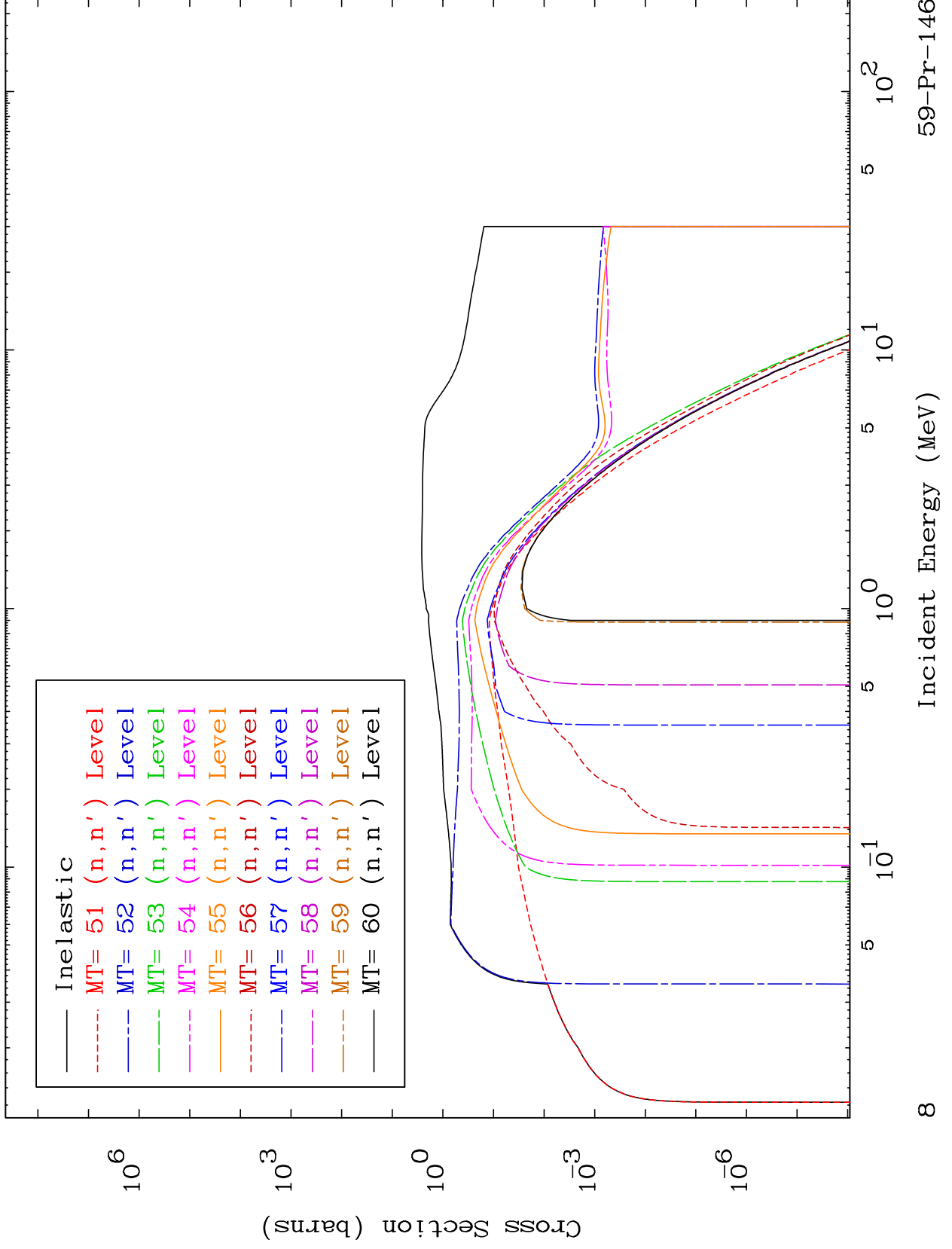
MAT 5940

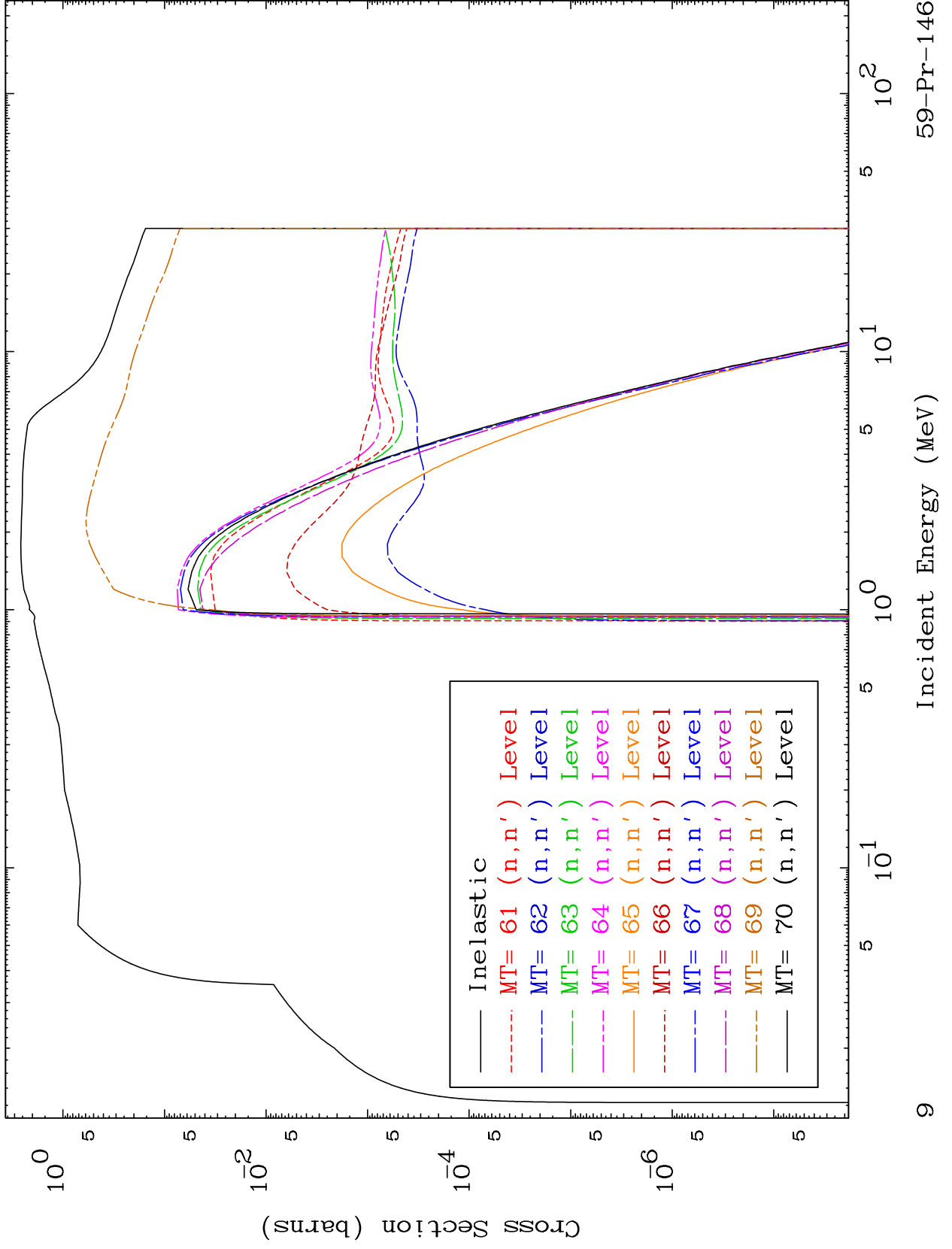
Charged Particle
293 Kelvin Cross Sections

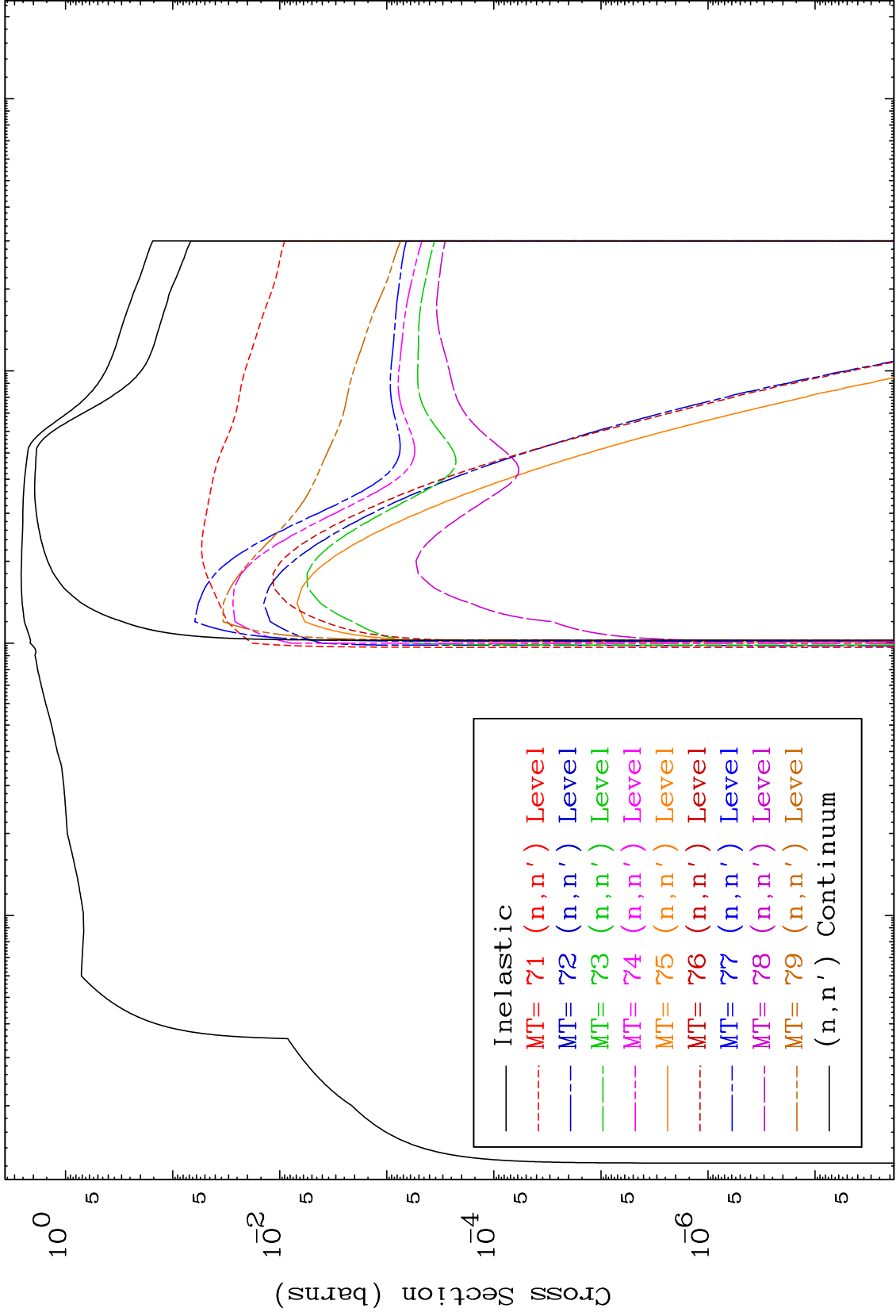
59-Pr-146







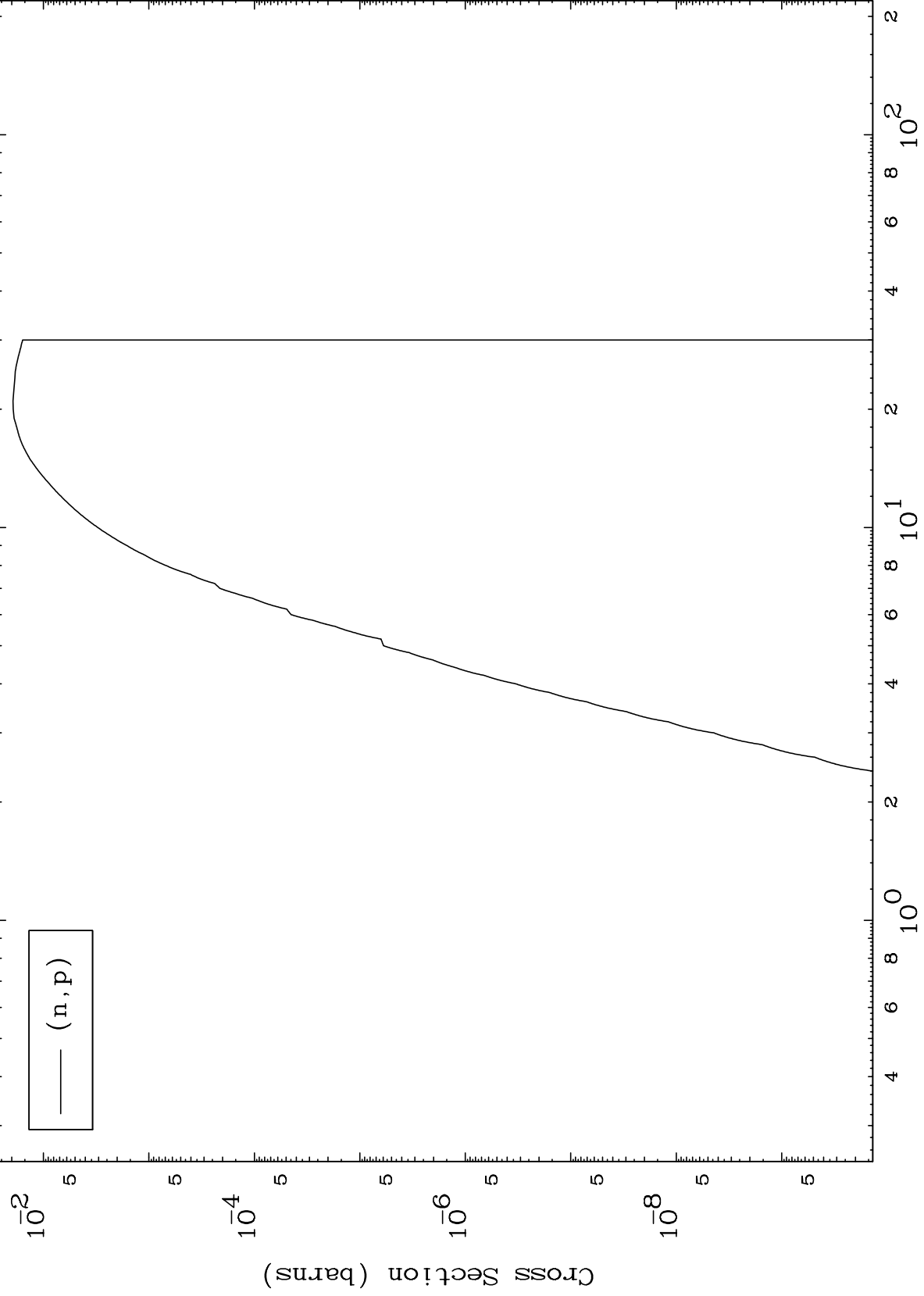


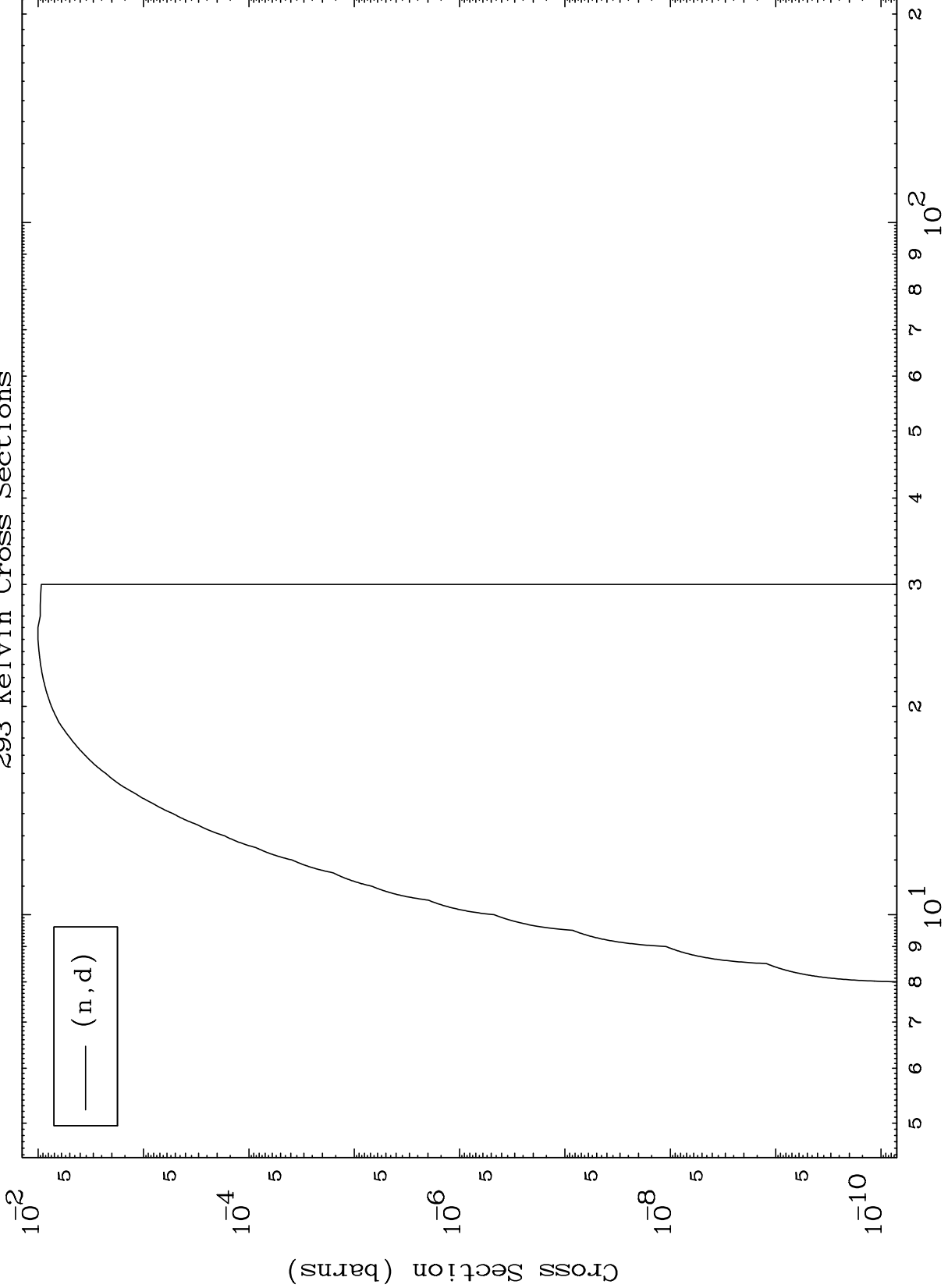


MAT 5940

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-146



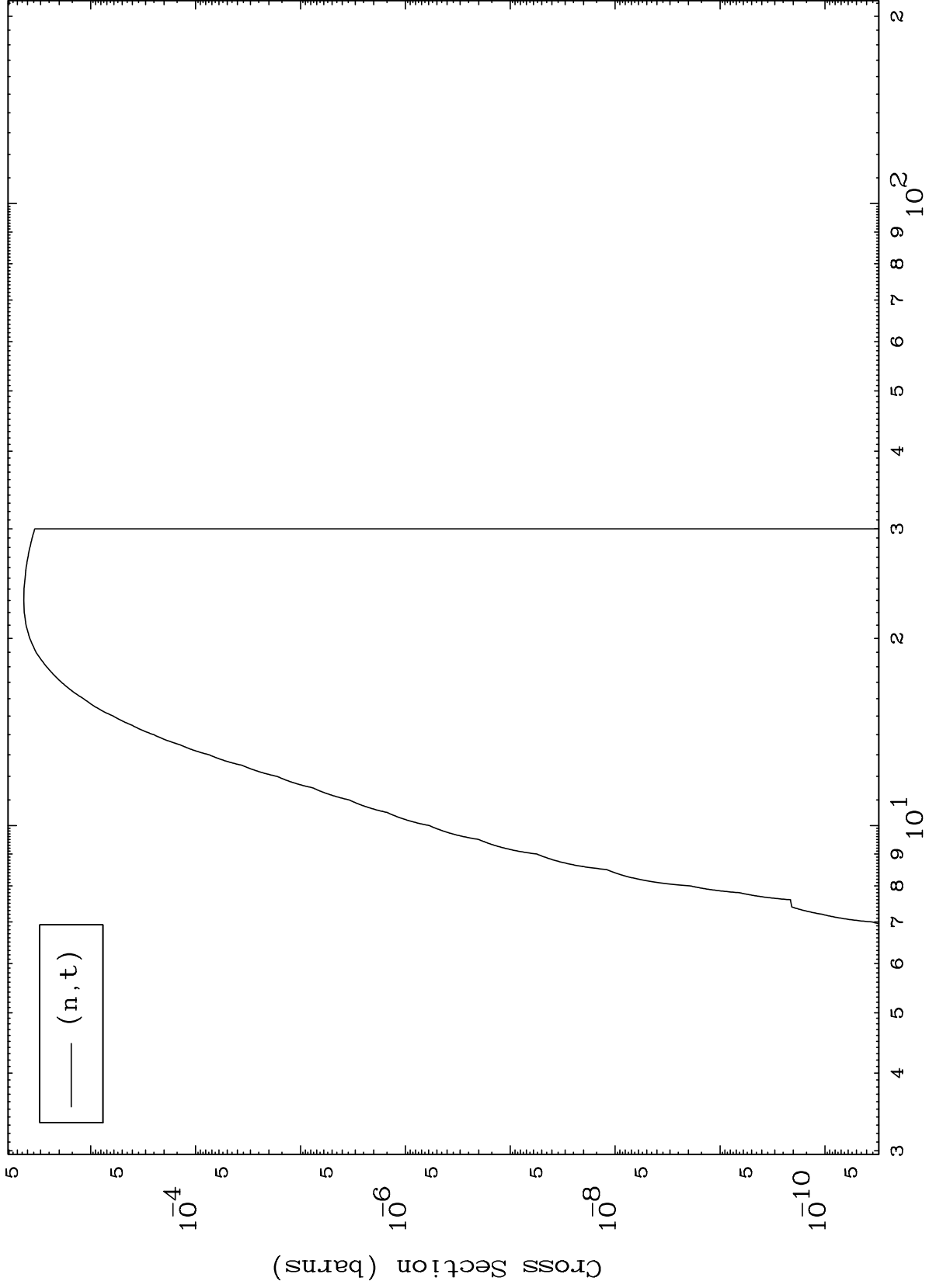


(n,d)

MAT 5940

(n,t) Levels
293 Kelvin Cross Sections

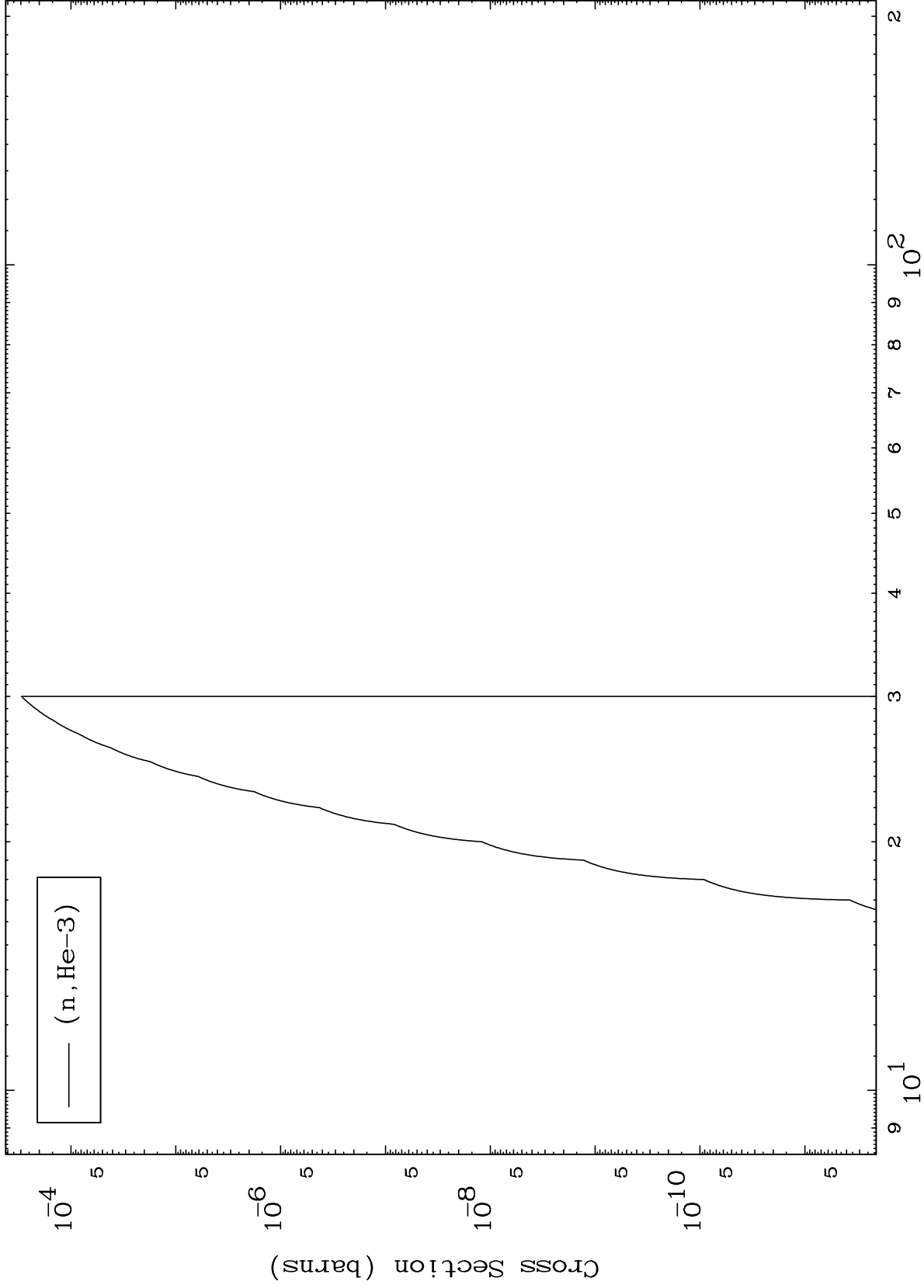
59-Pr-146



13

Incident Energy (MeV)

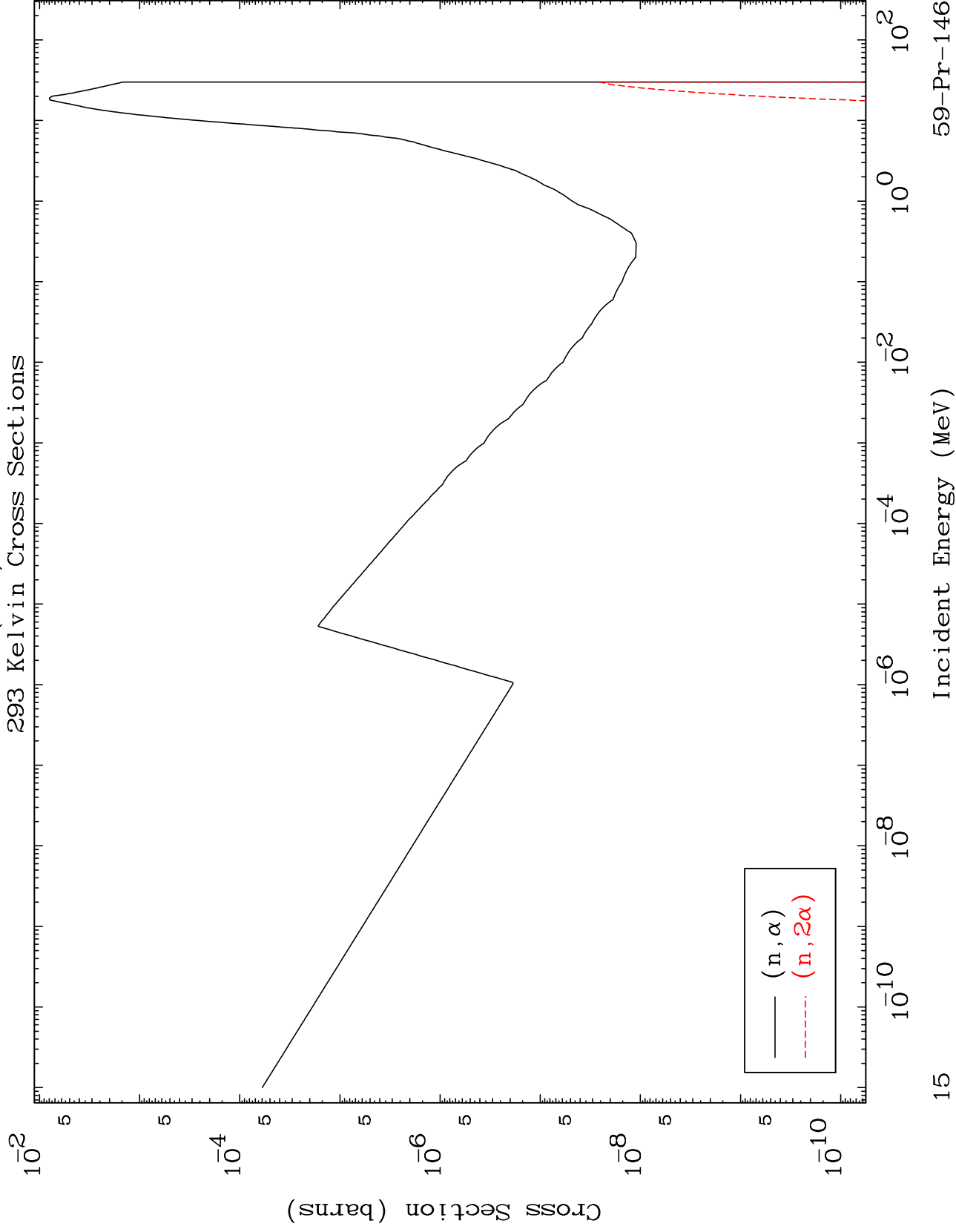
59-Pr-146



MAT 5940

(n,α) Levels
293 Kelvin Cross Sections

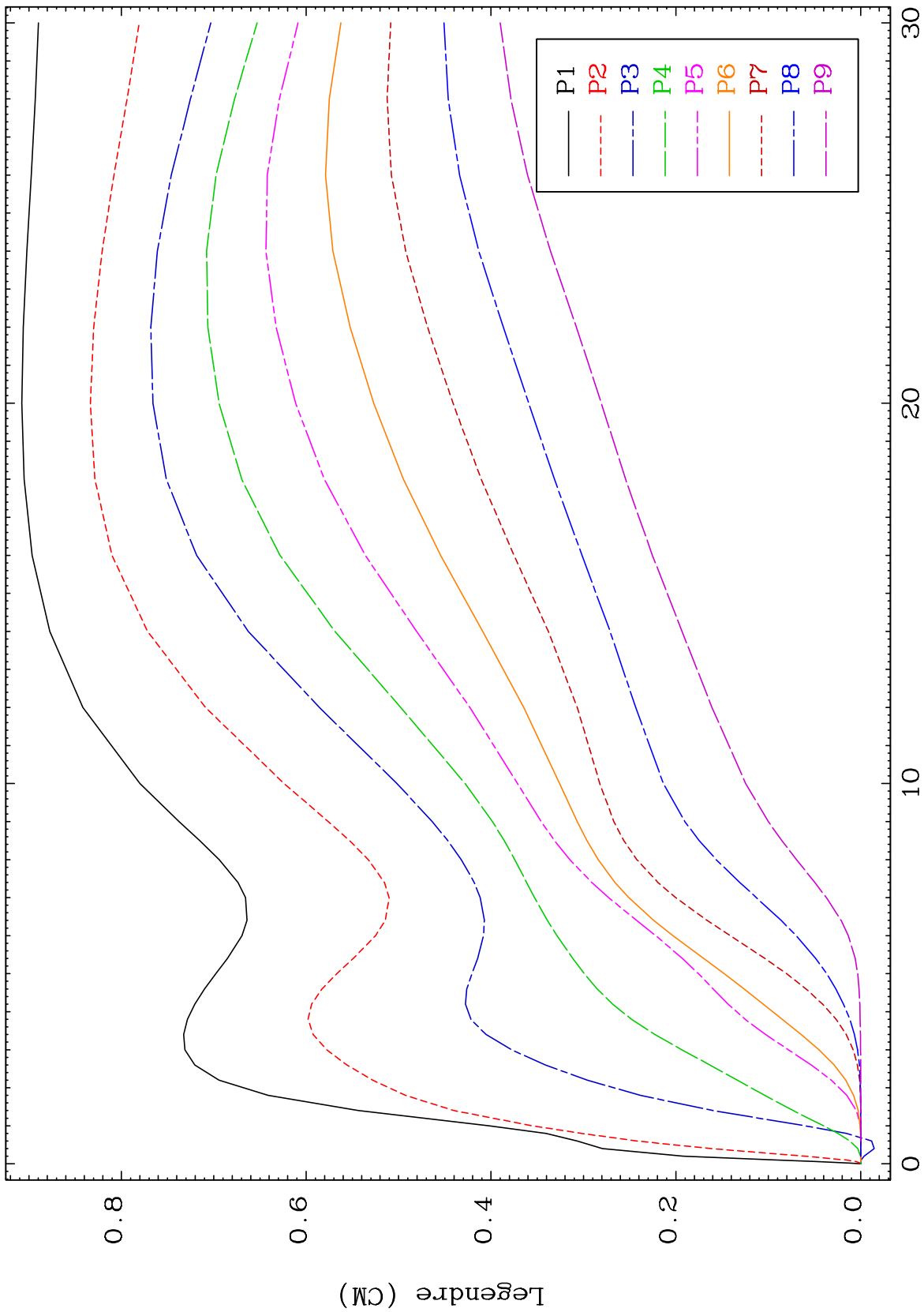
59-Pr-146



MAT 5940

59-Pr-146

Elastic Legendre Coefficients



59-Pr-146

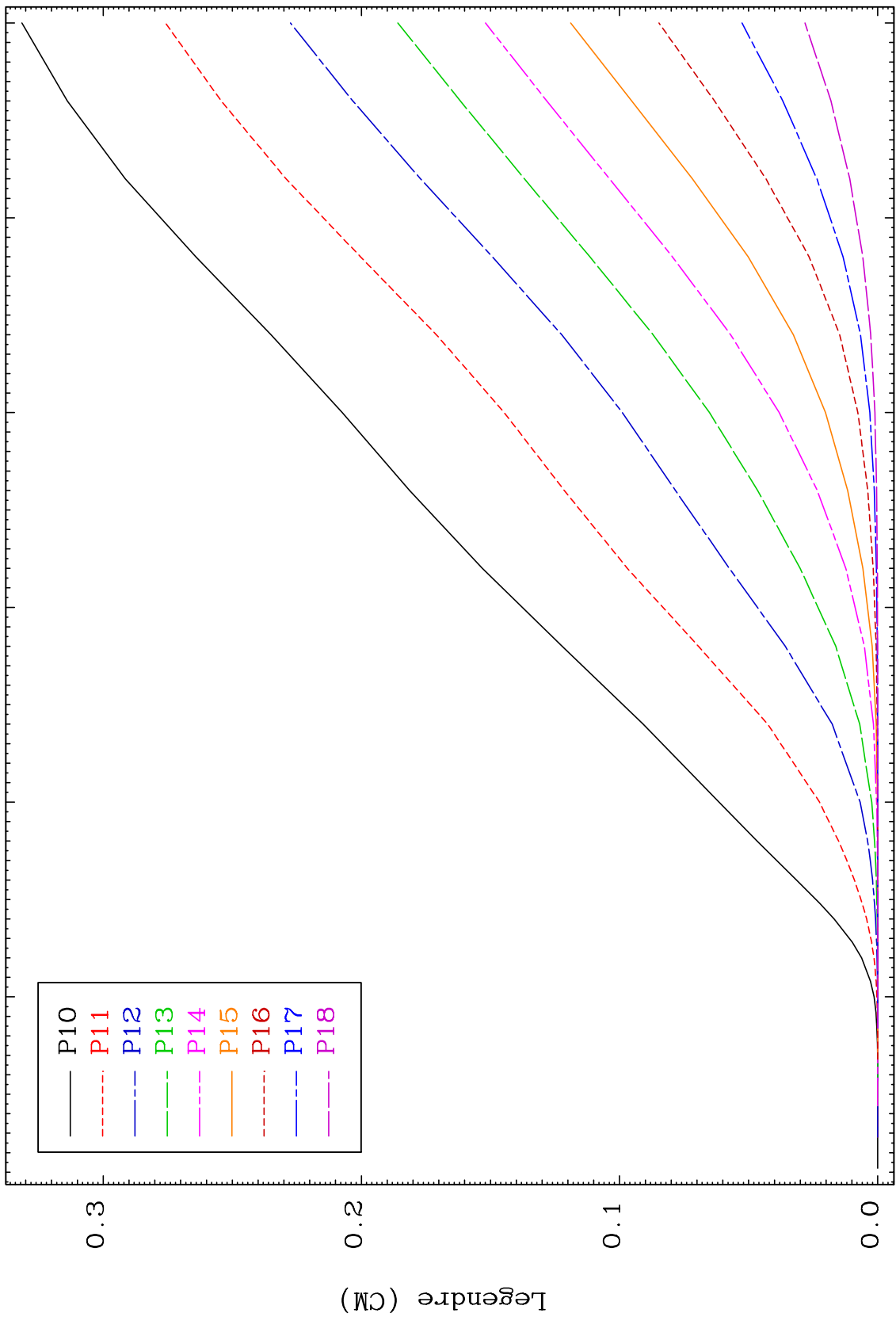
Incident Energy (MeV)

16

MAT 5940

Elastic Legendre Coefficients

59-Pr-146



17

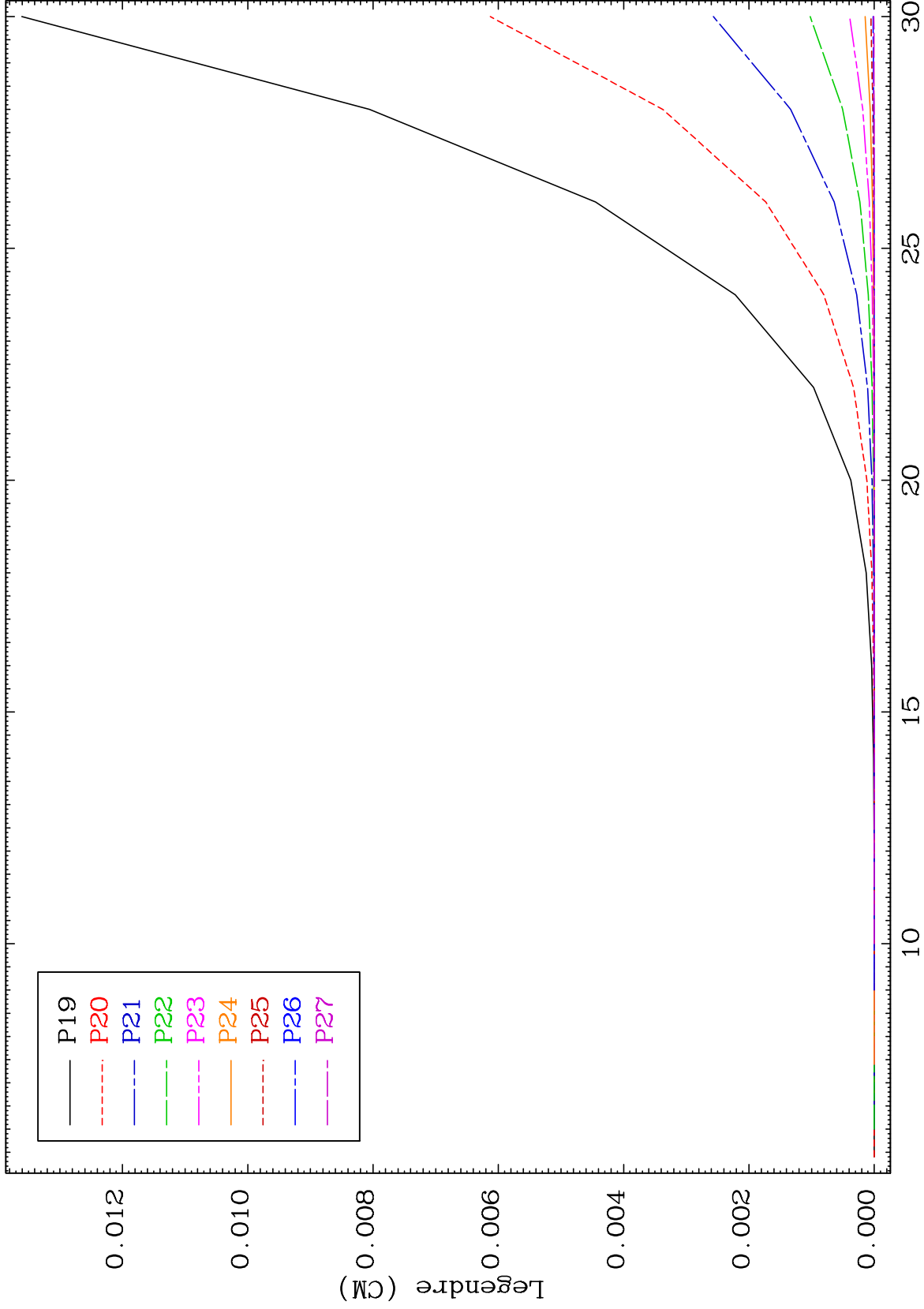
59-Pr-146

Incident Energy (MeV)

MAT 5940

Elastic Legendre Coefficients

59-Pr-146



18

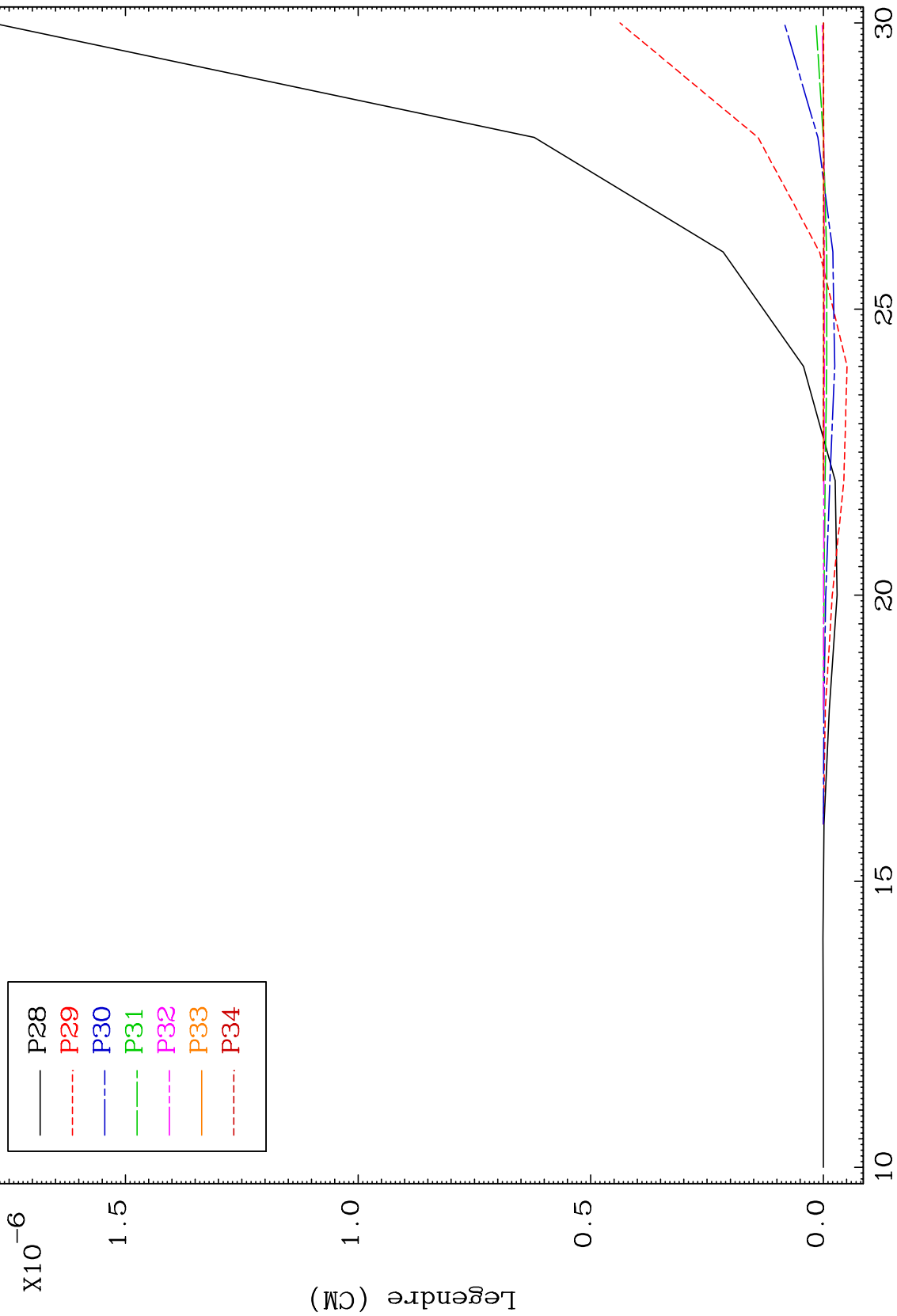
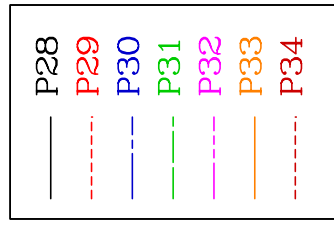
Incident Energy (MeV)

59-Pr-146

MAT 5940

Elastic
Legendre Coefficients

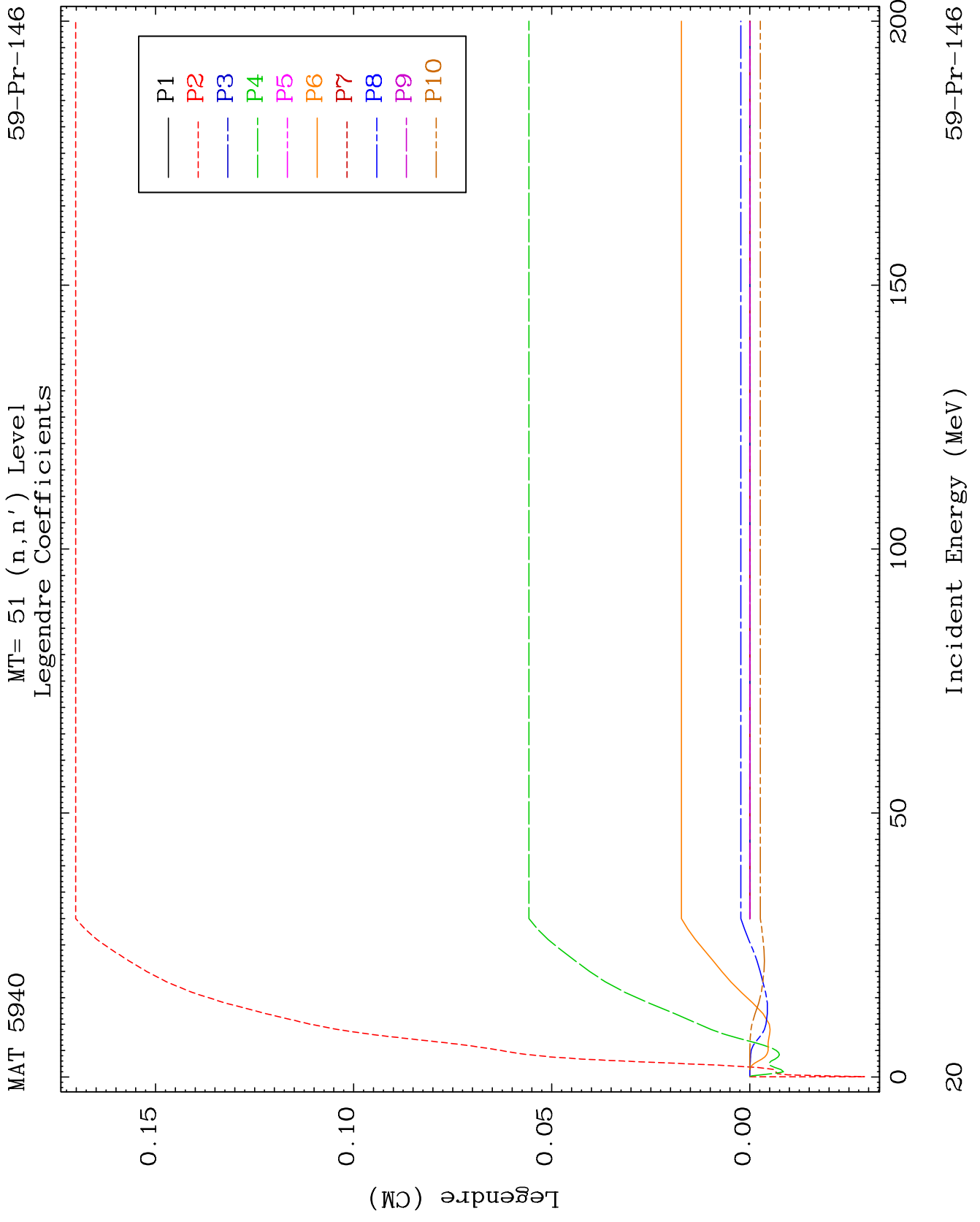
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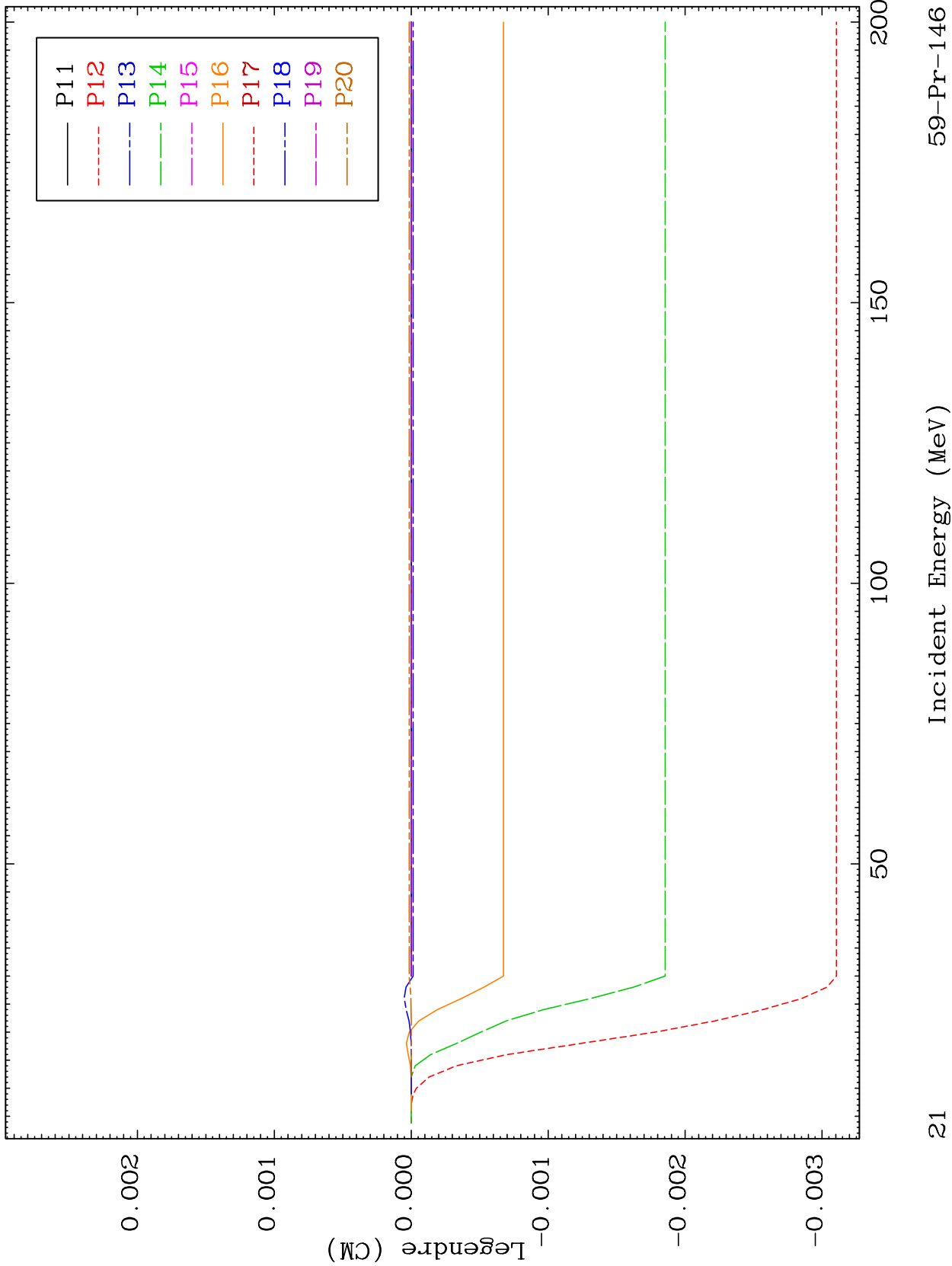


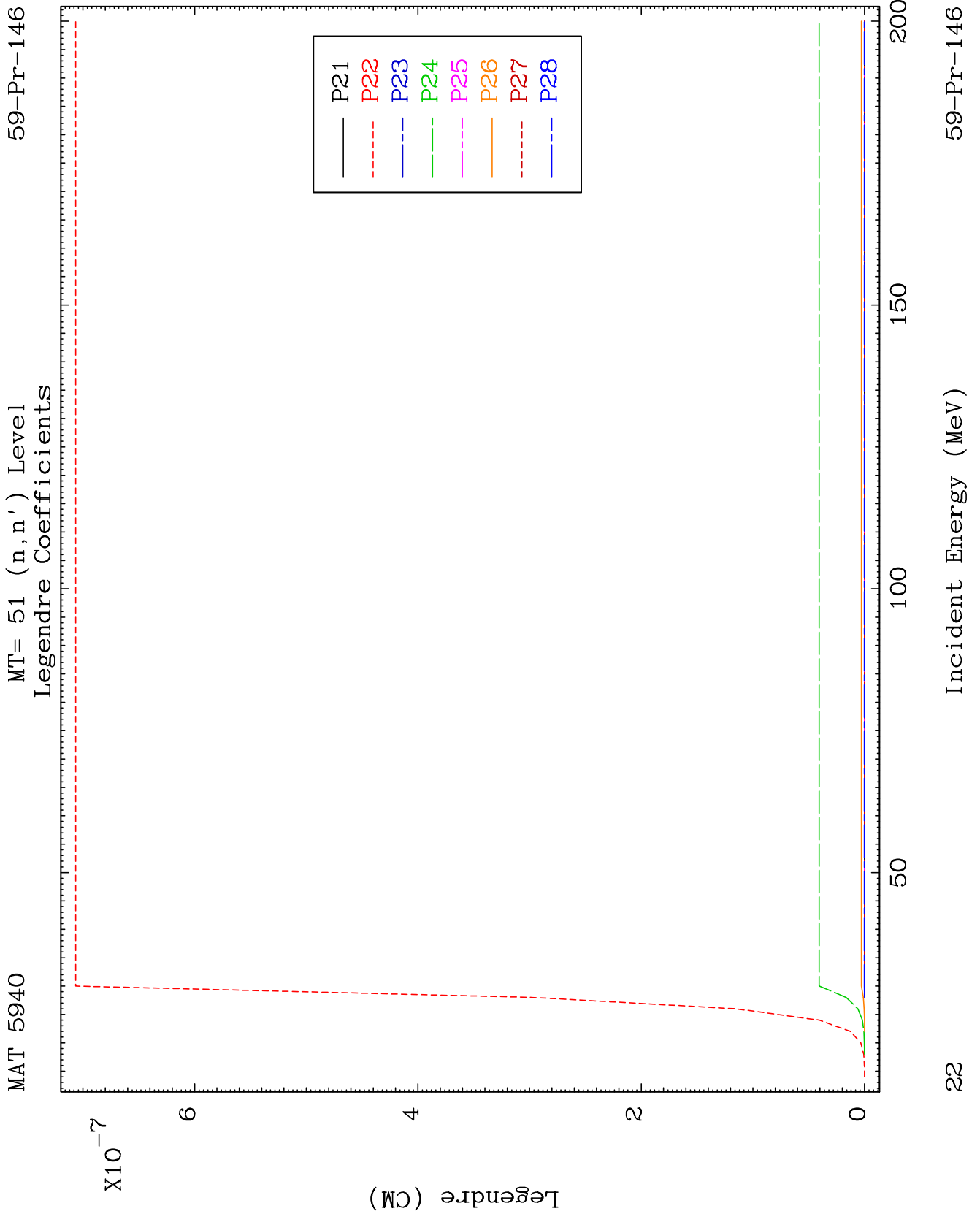
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Incident Energy (MeV)

59-Pr-146



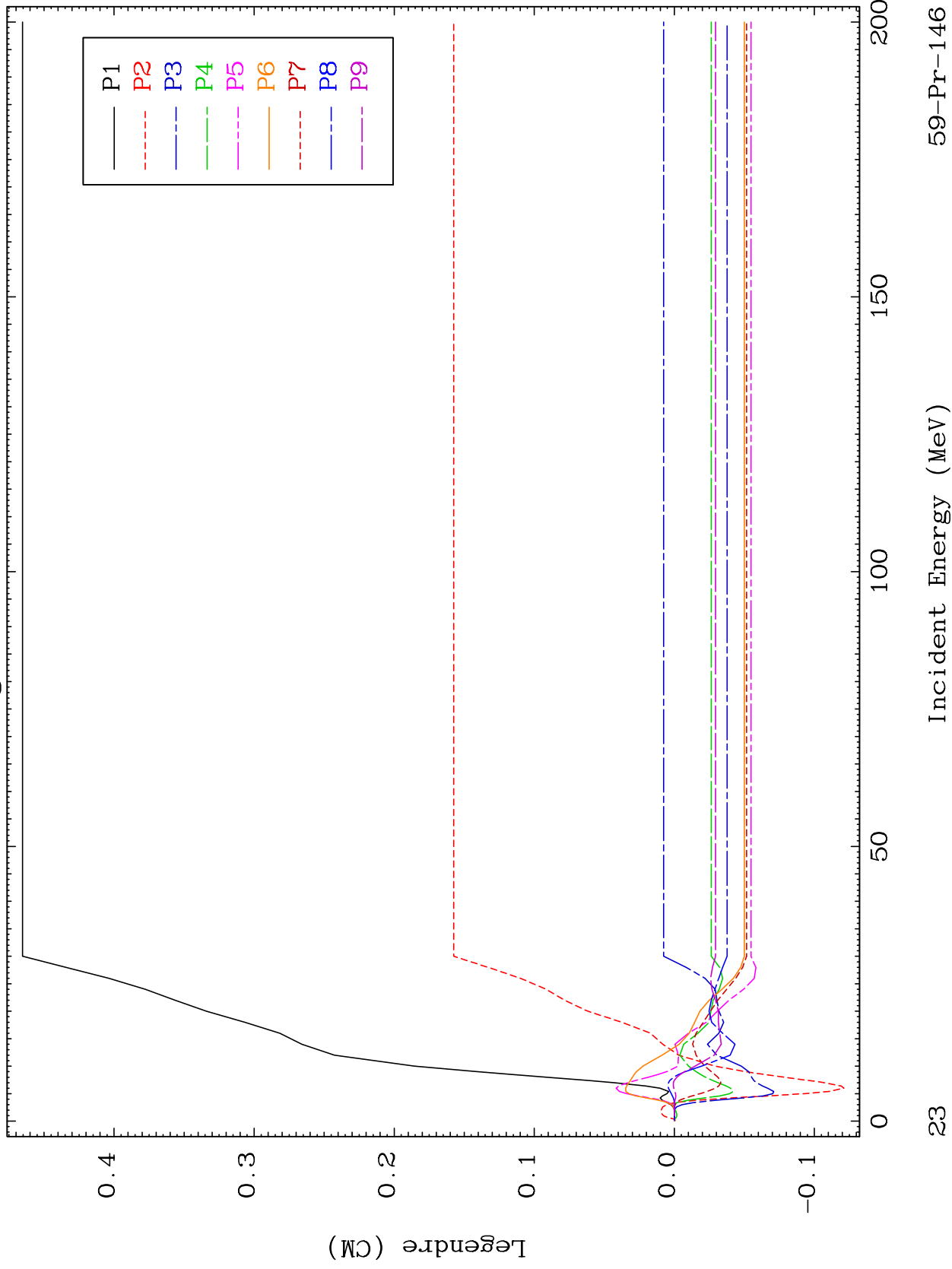




MAT 5940

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

59-Pr-146



59-Pr-146

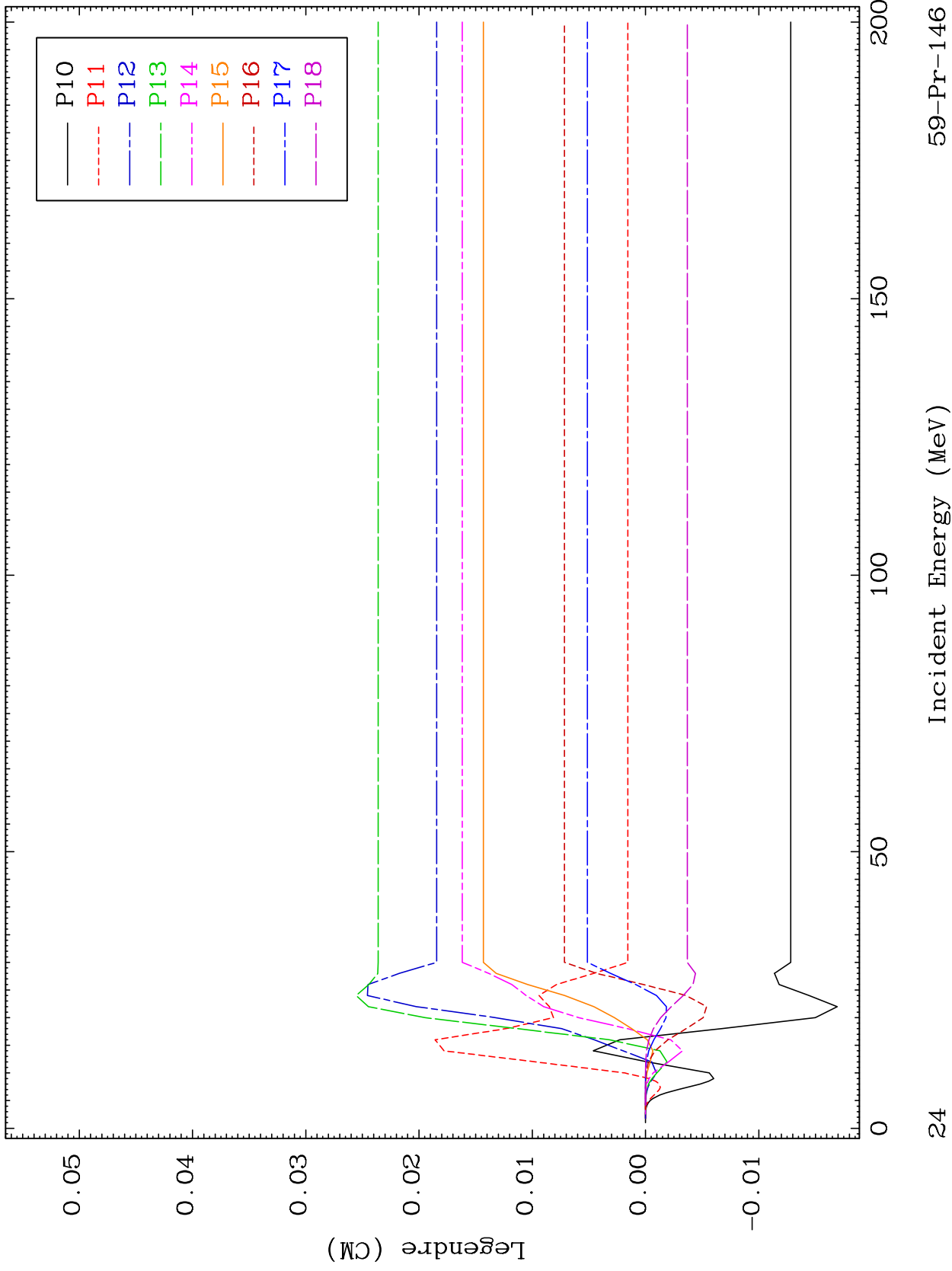
Incident Energy (MeV)

23

MAT 5940

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

59-Pr-146



59-Pr-146

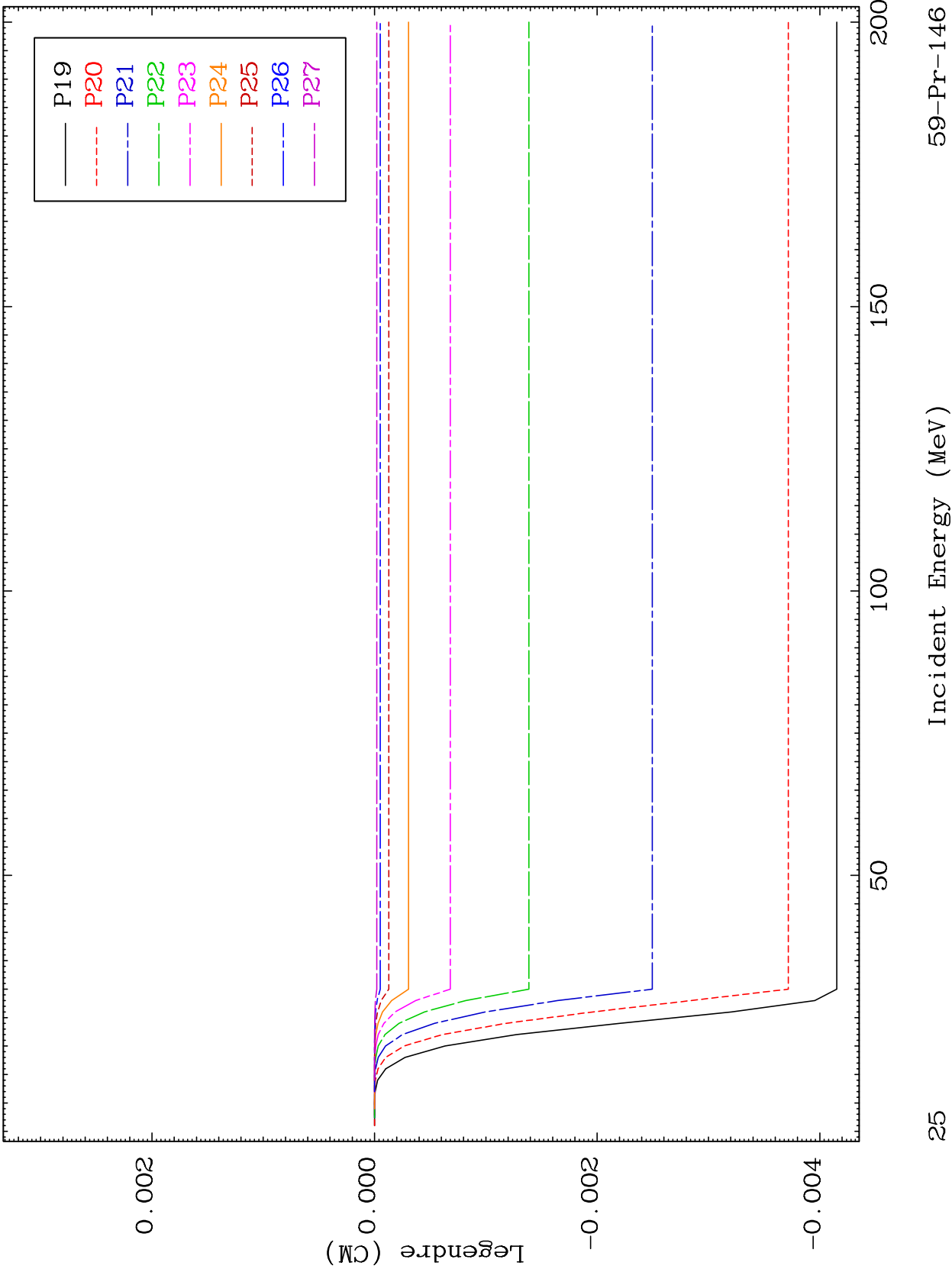
Incident Energy (MeV)

24

MAT 5940

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

59-Pr-146



25

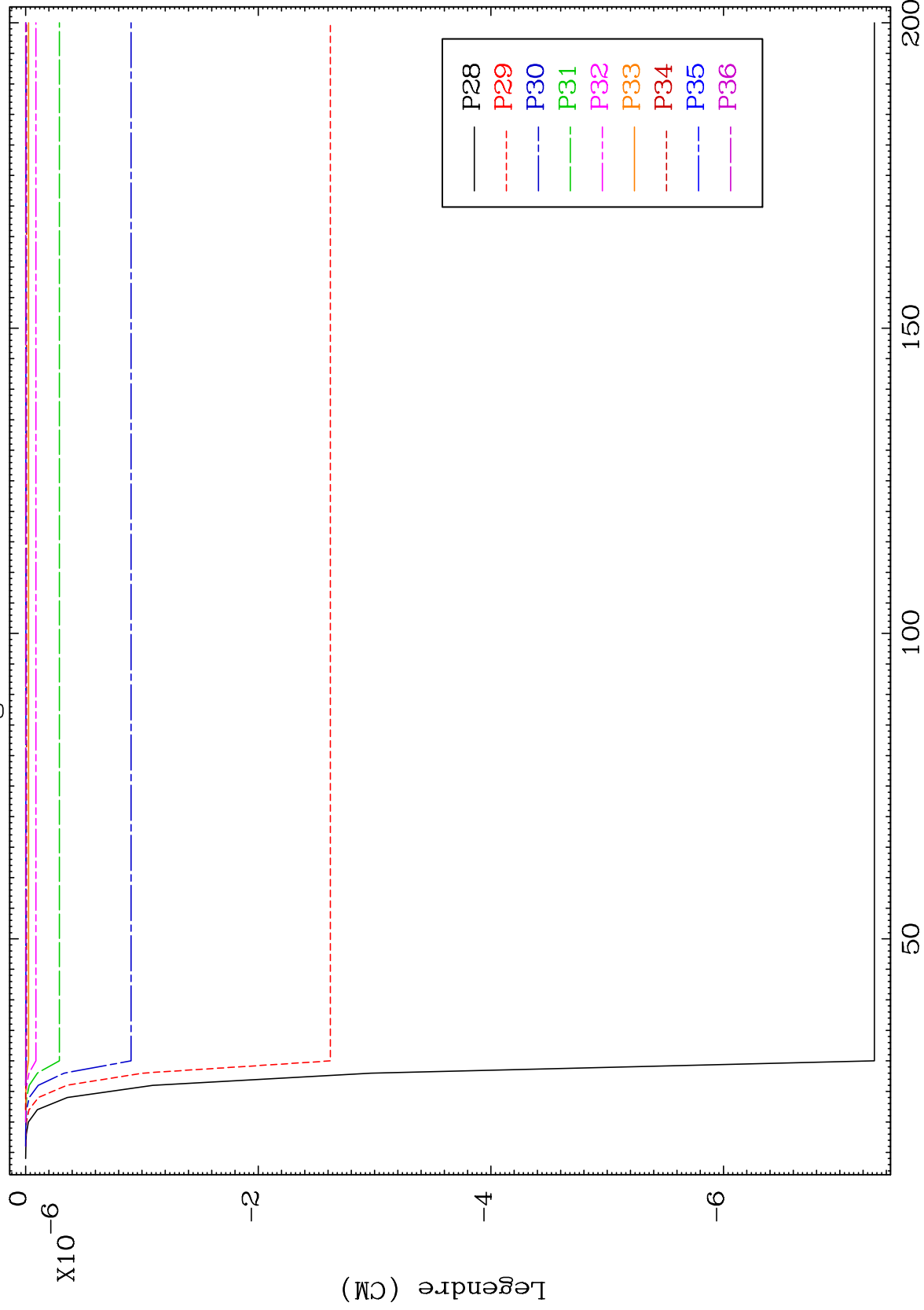
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



26

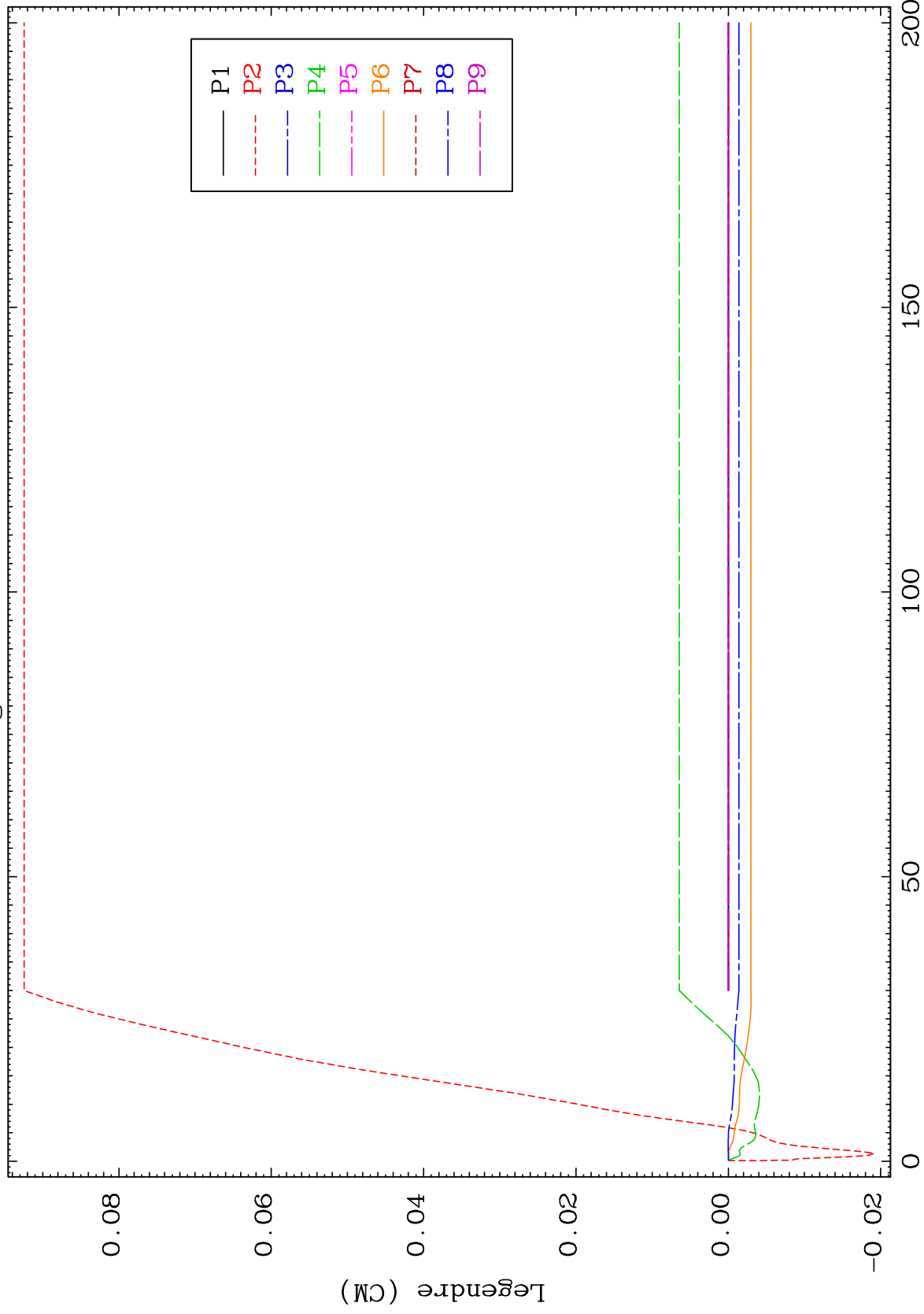
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

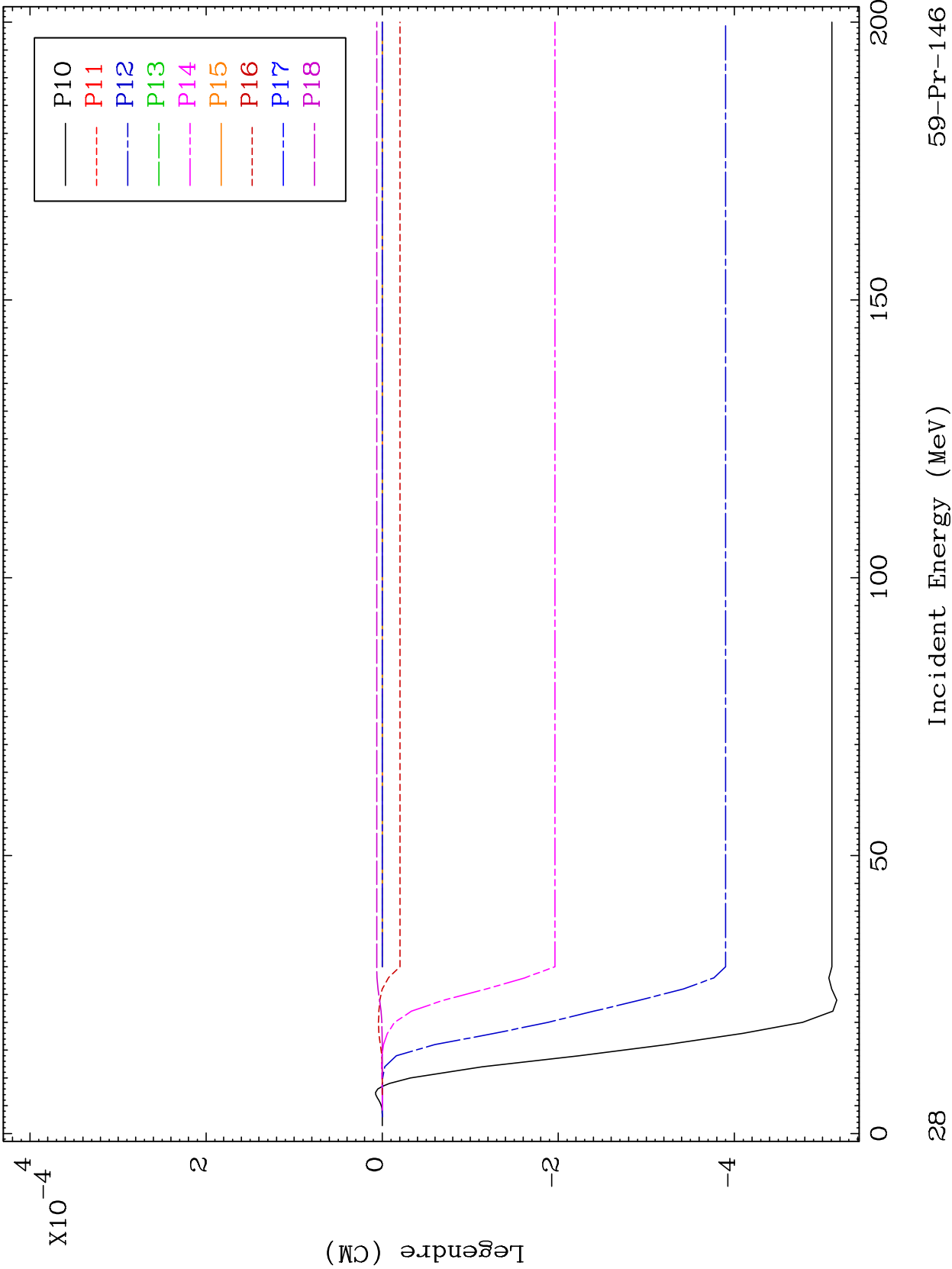
Incident Energy (MeV)

27

MAT 5940

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

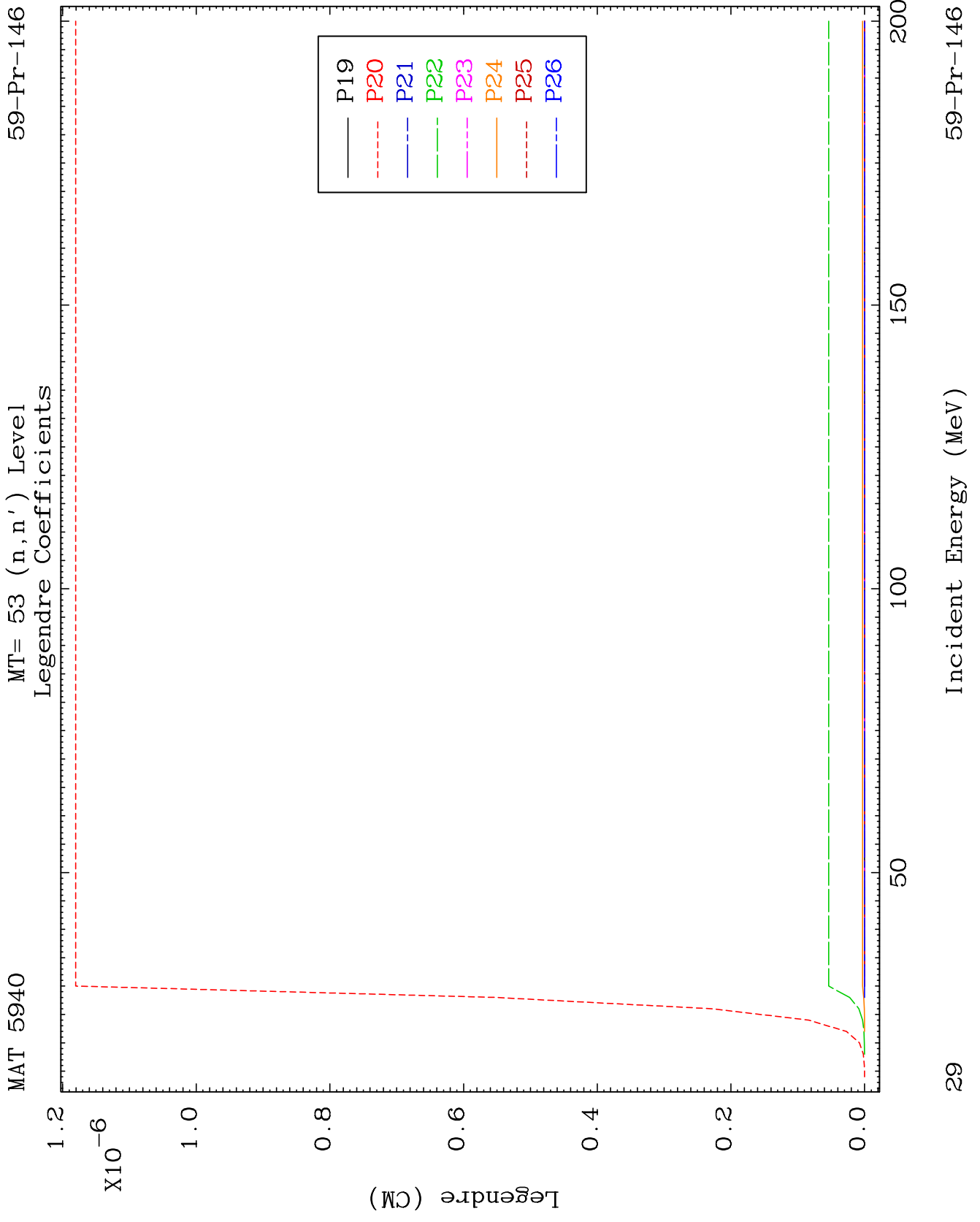
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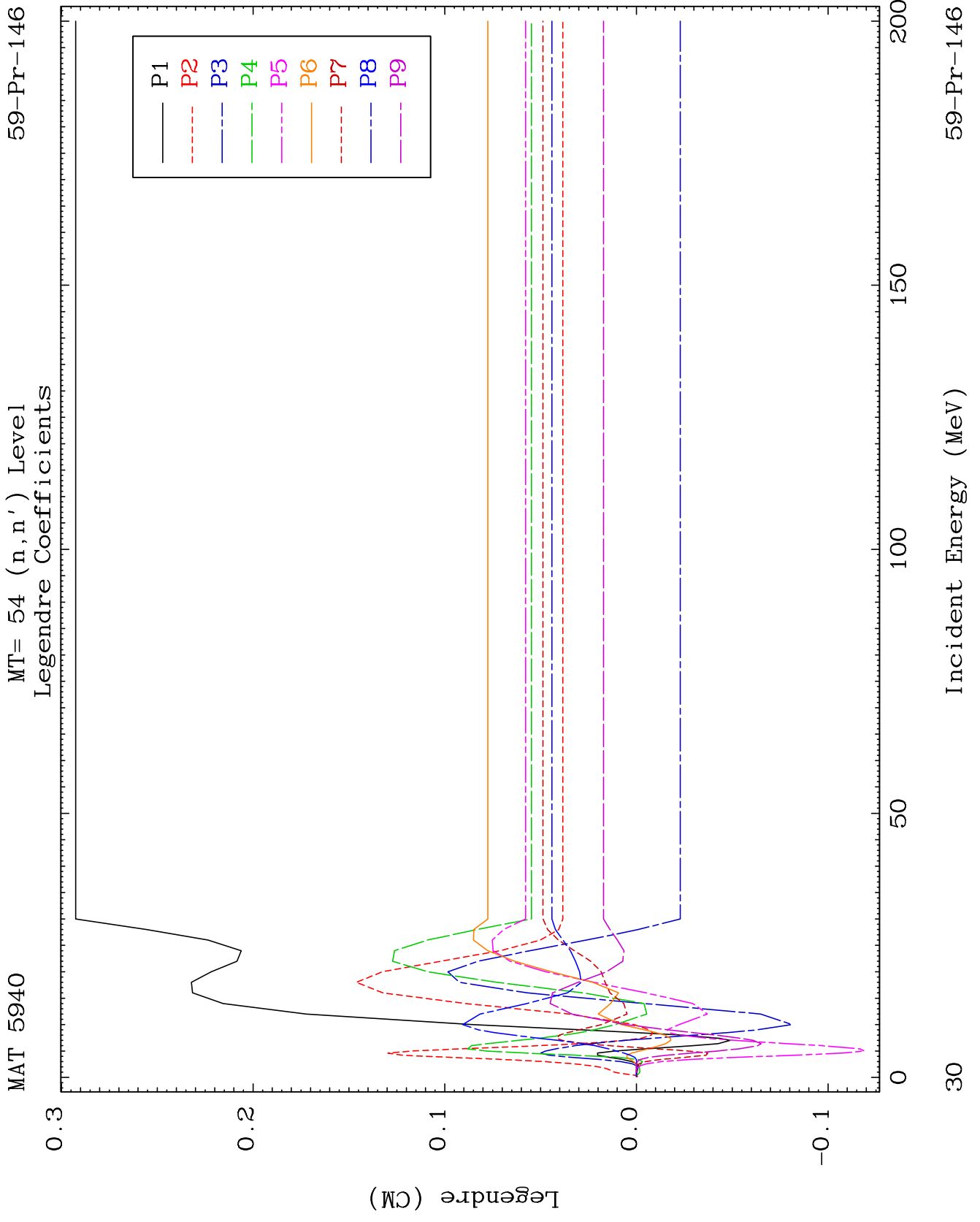


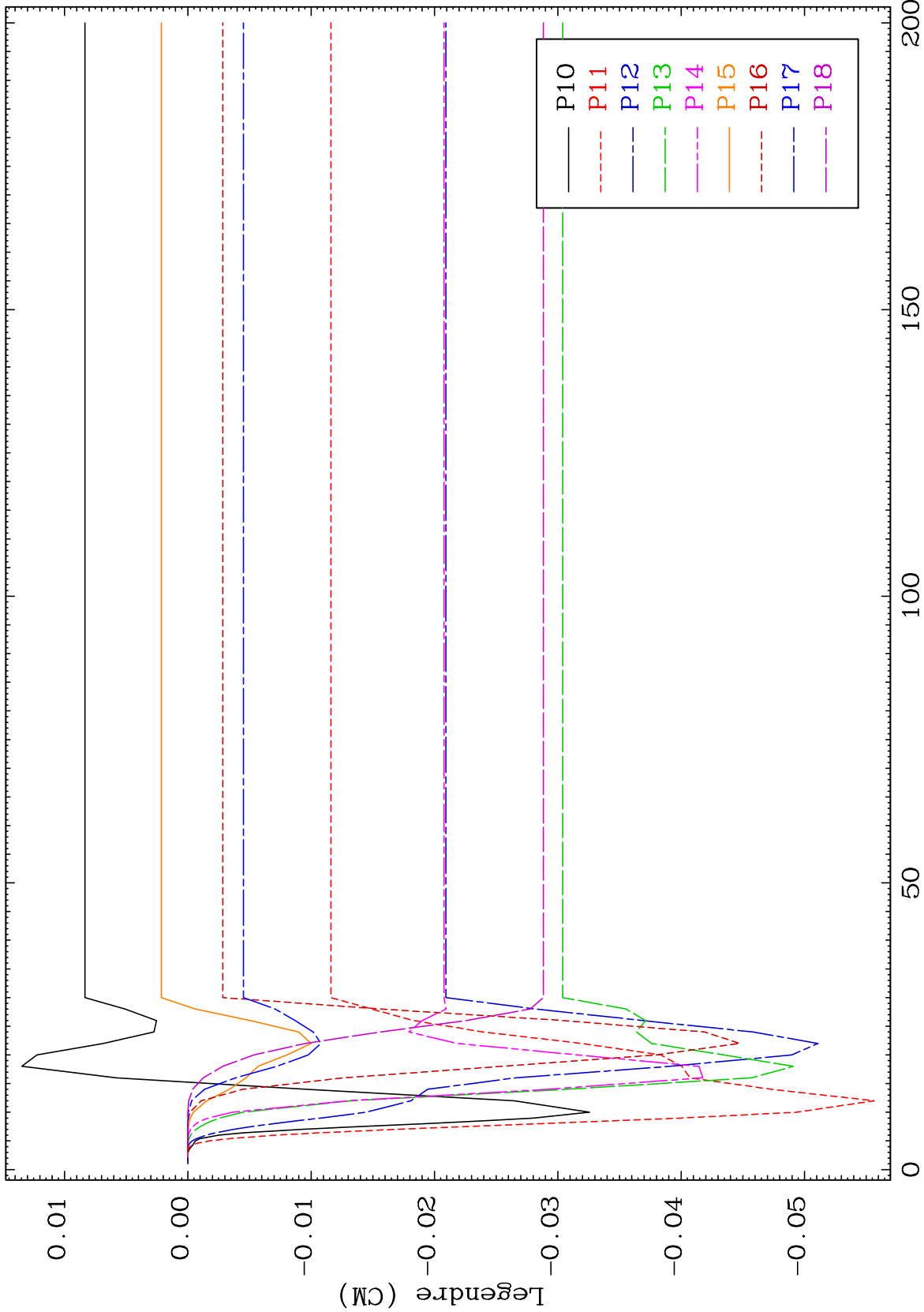
59-Pr-146

Incident Energy (MeV)

28



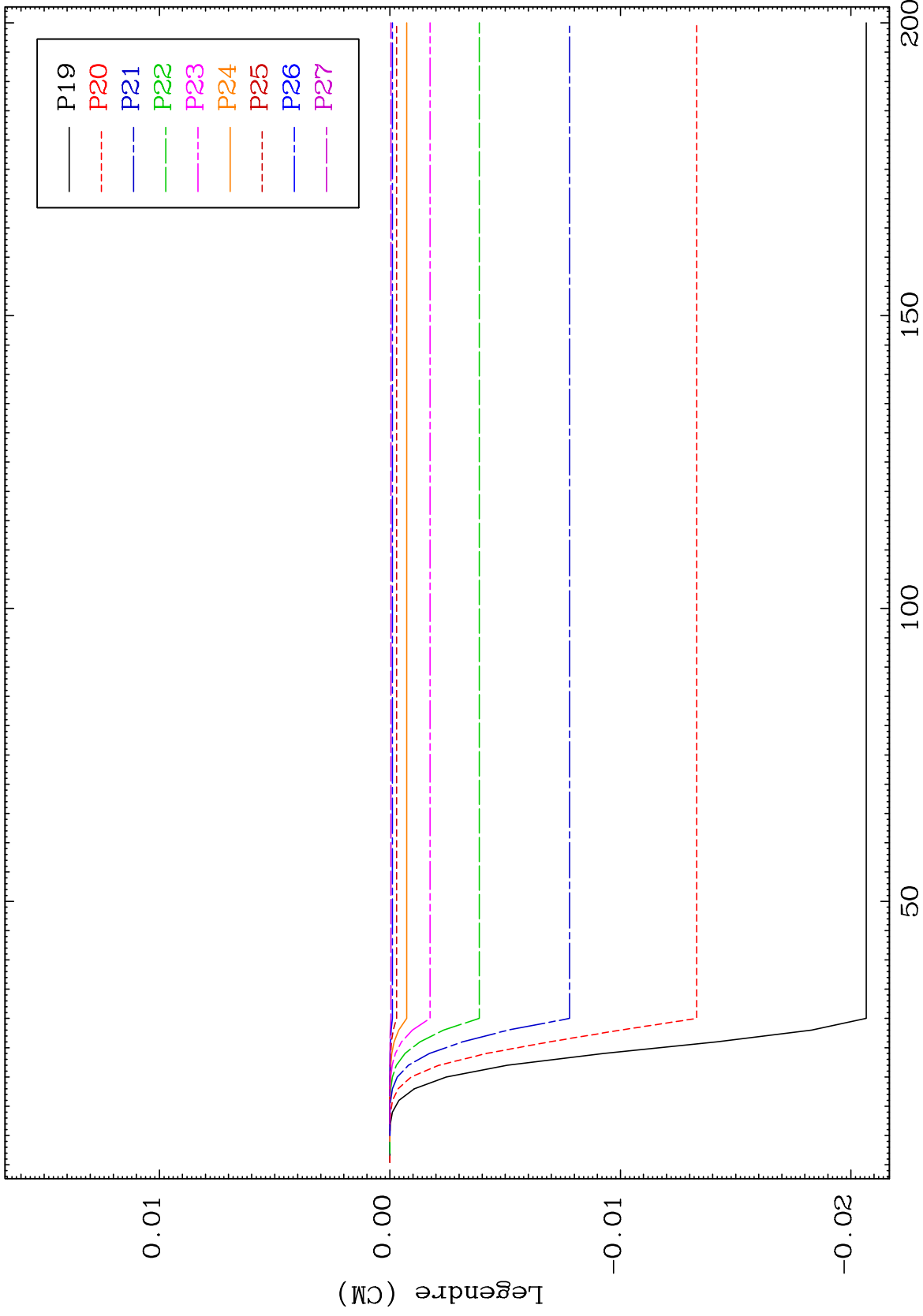




MAT 5940

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

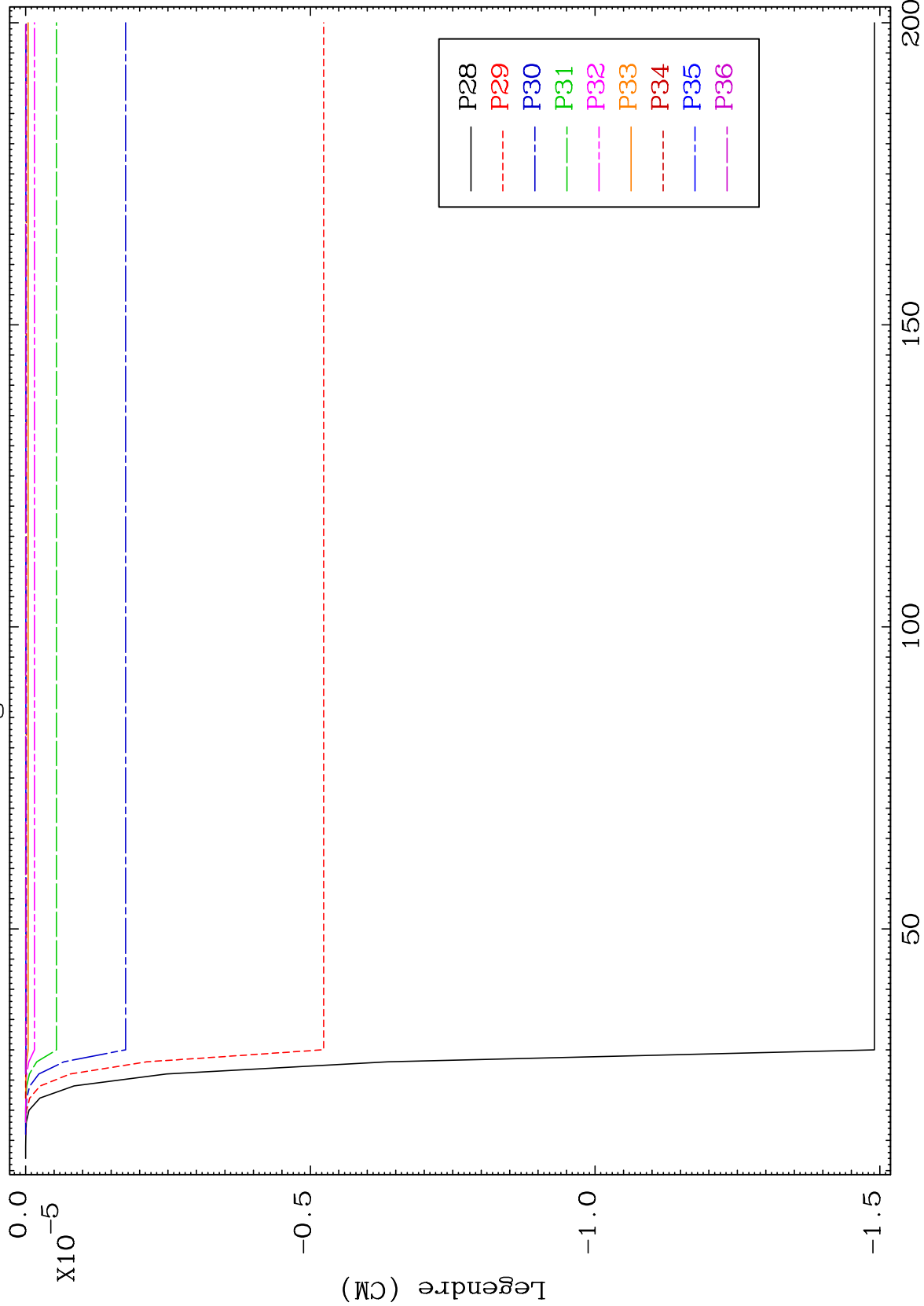
59-Pr-146



32

Incident Energy (MeV)

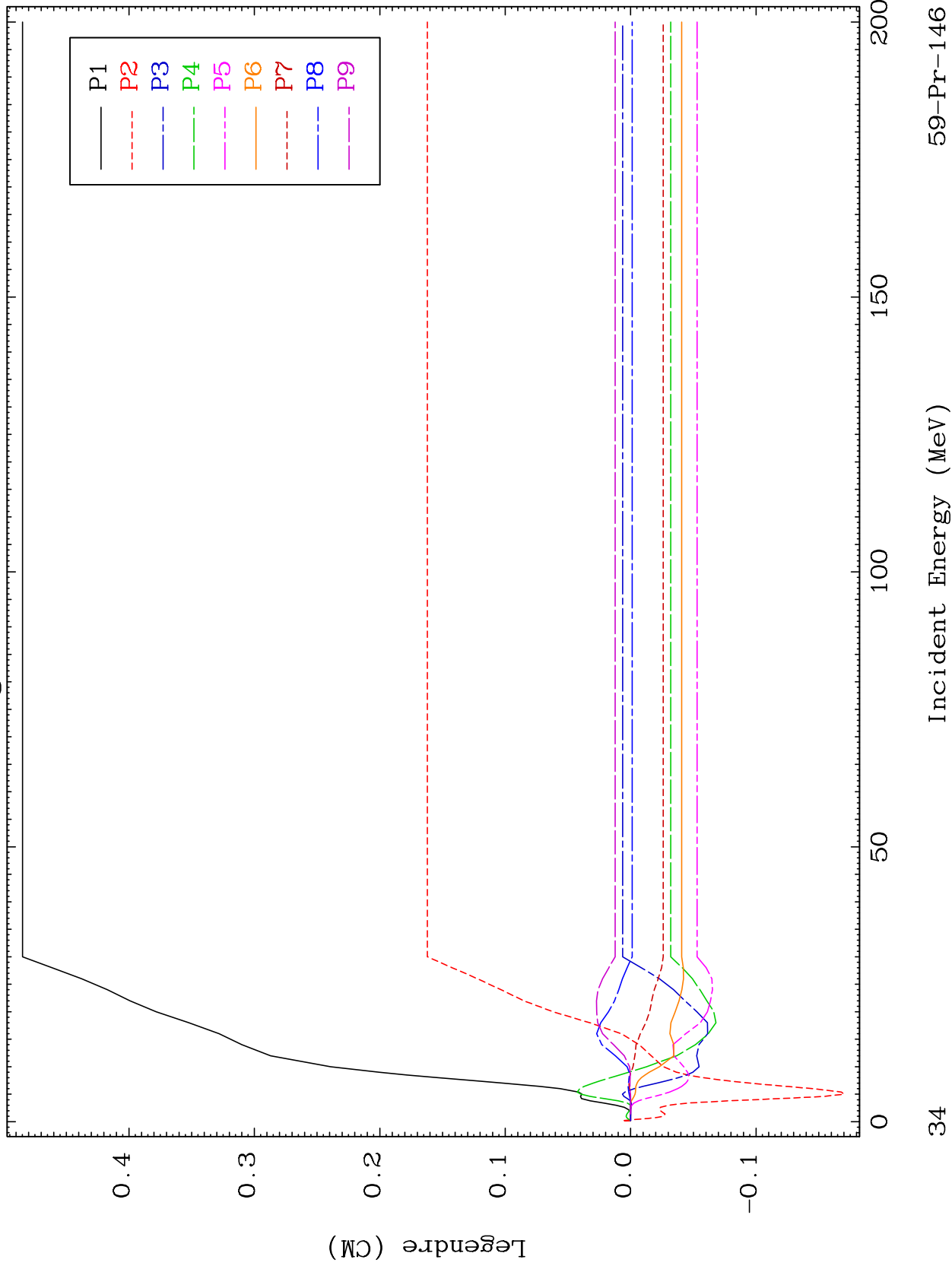
59-Pr-146



MAT 5940

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

59-Pr-146



59-Pr-146

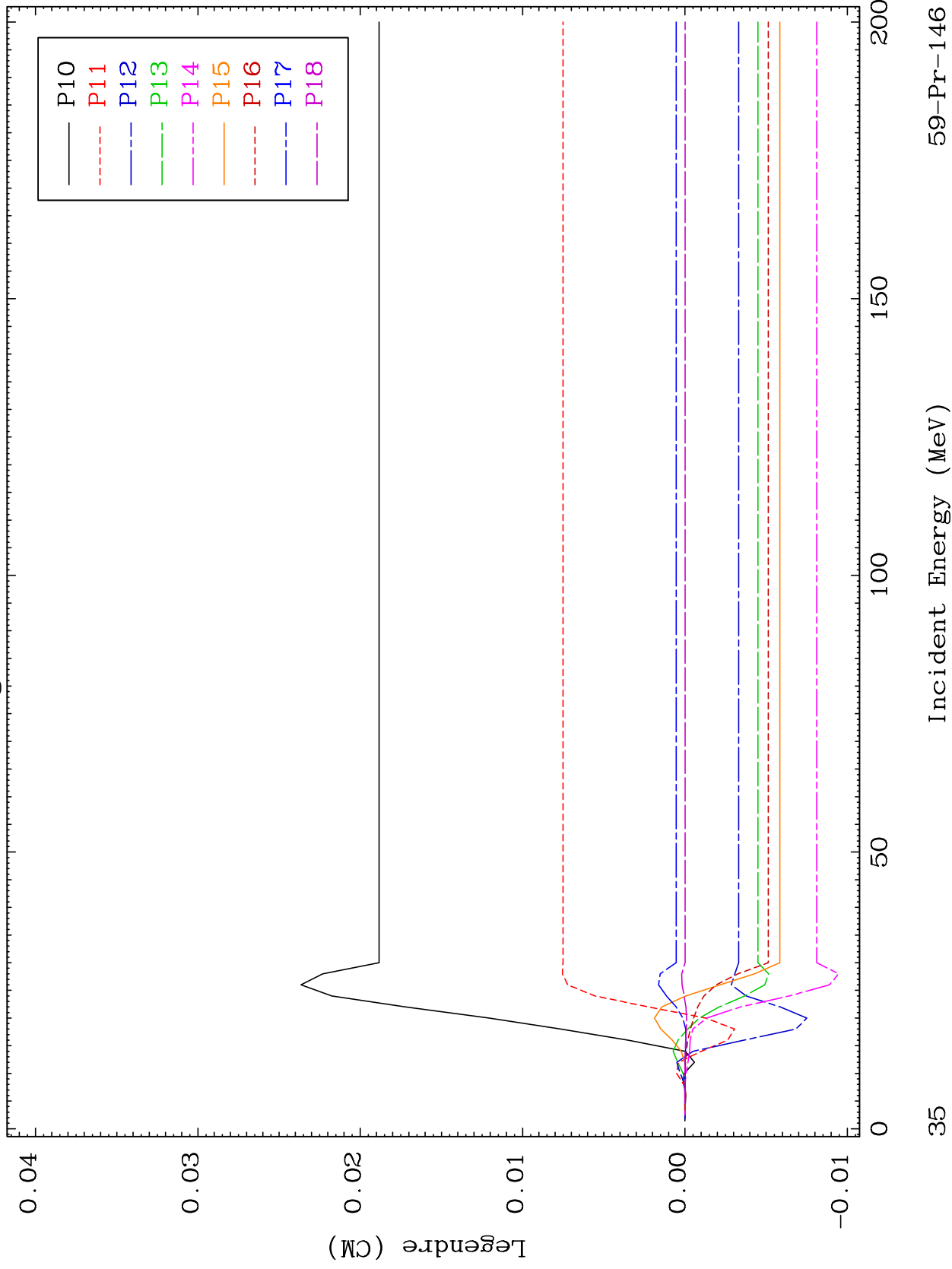
Incident Energy (MeV)

34

MAT 5940

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

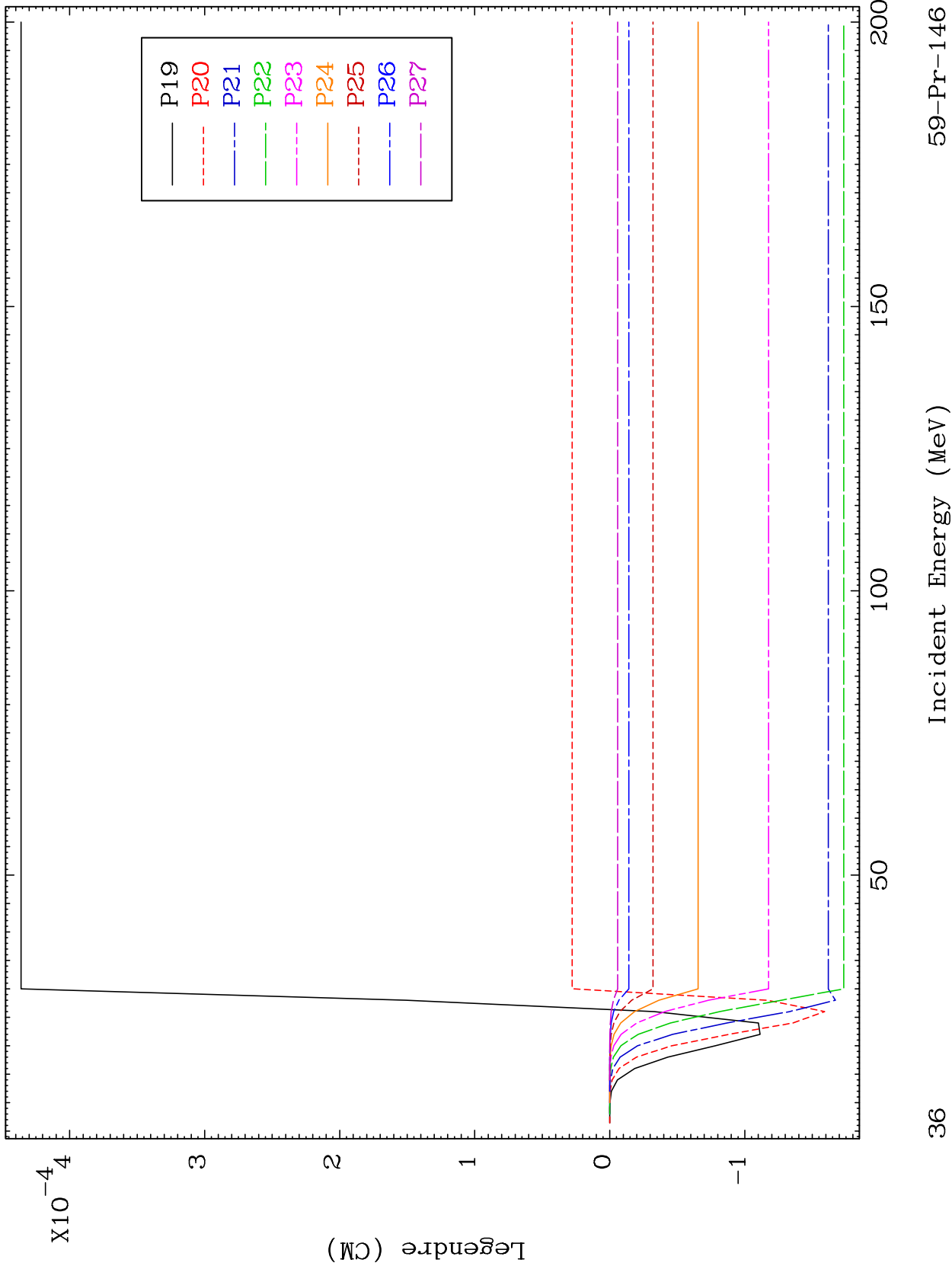
59-Pr-146



59-Pr-146

Incident Energy (MeV)

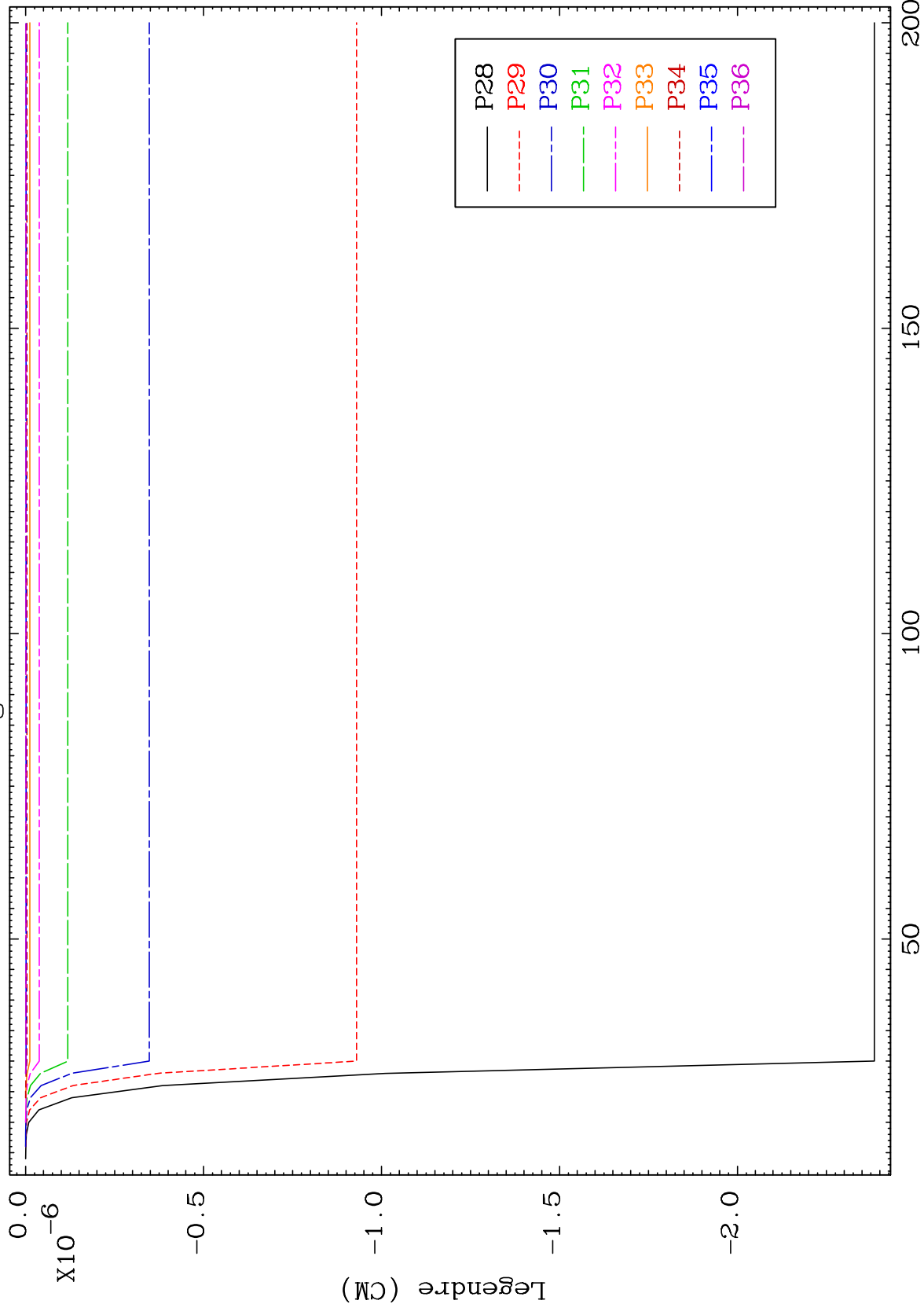
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MAT 5940

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

59-Pr-146



37

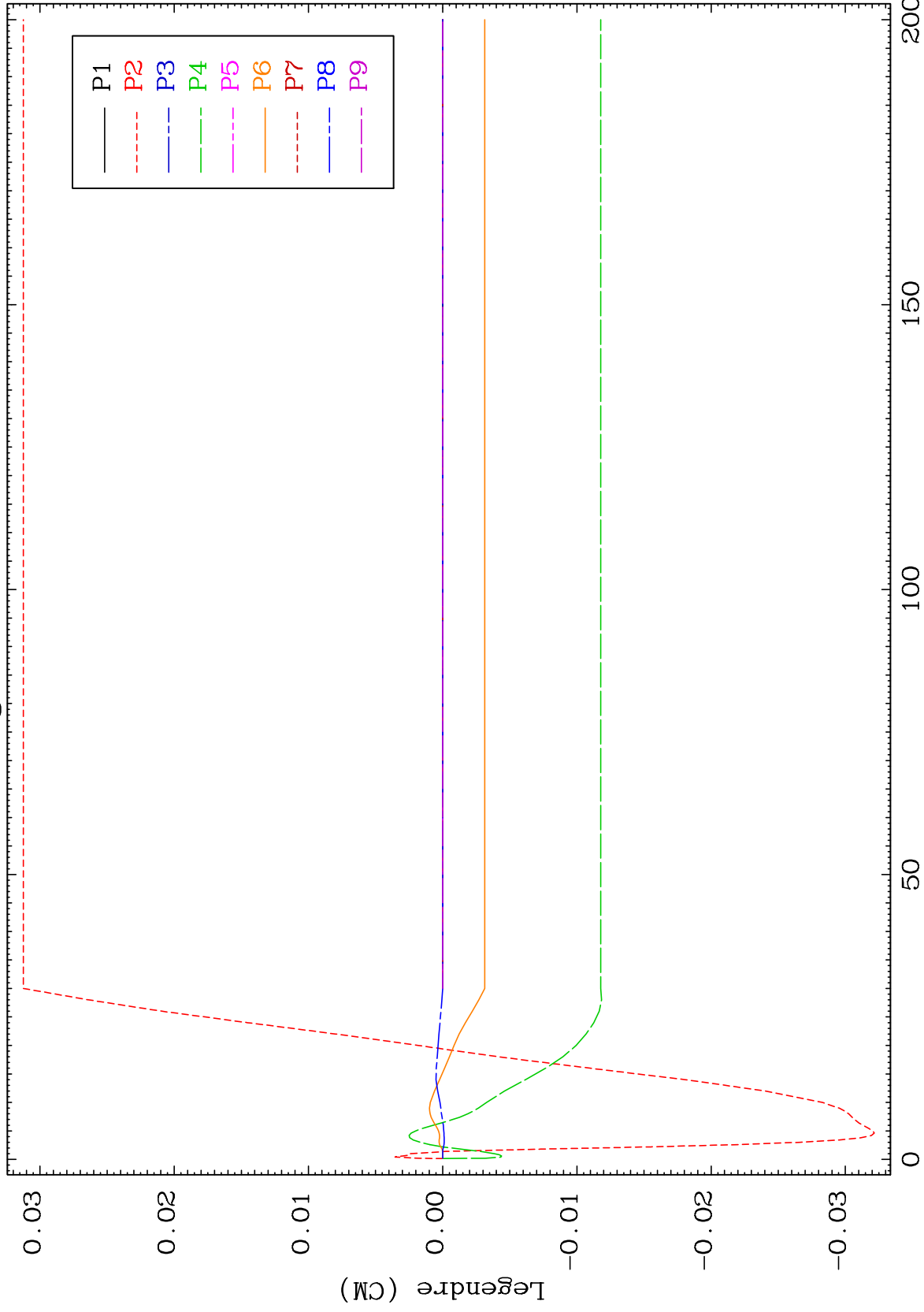
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



38

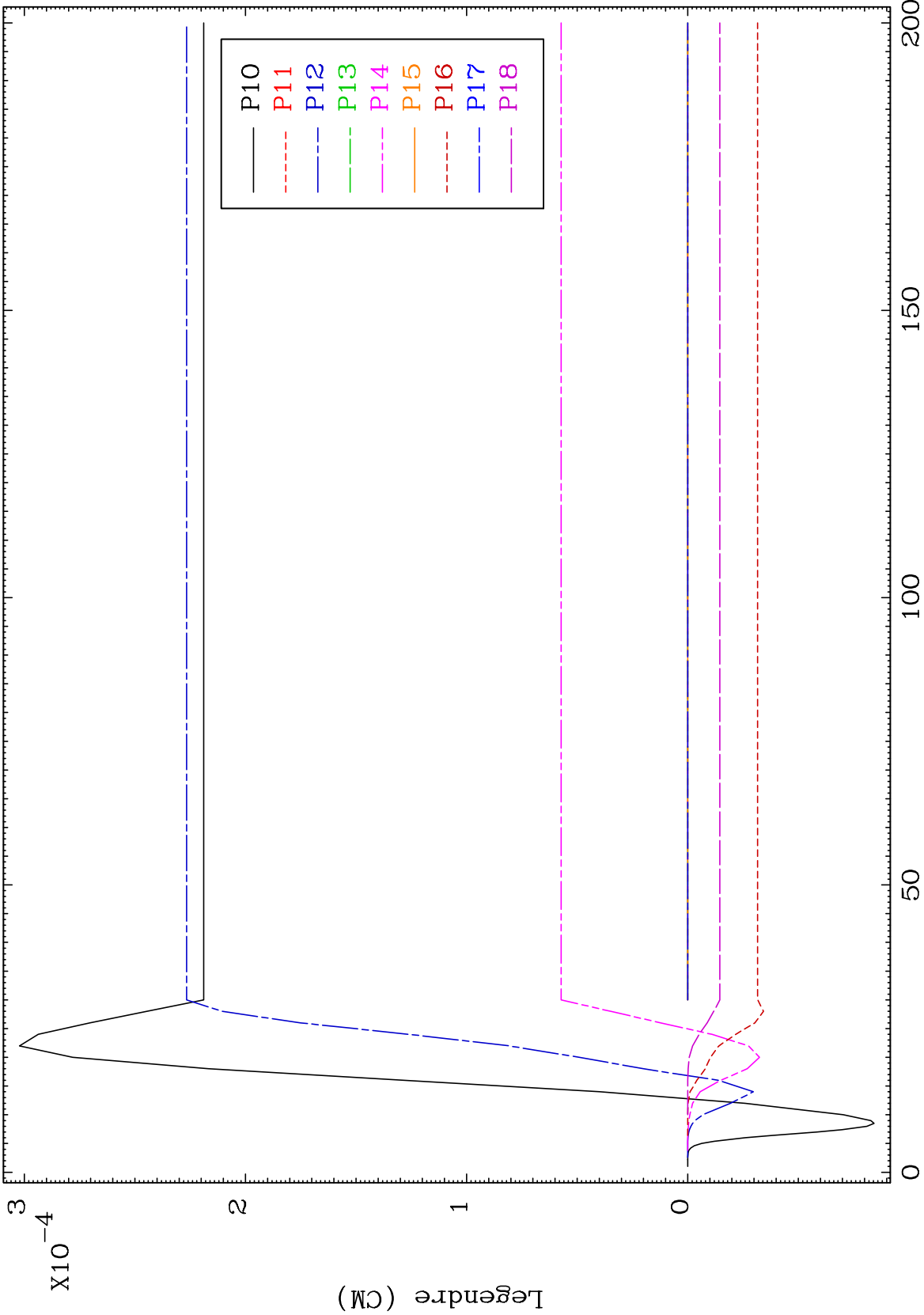
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

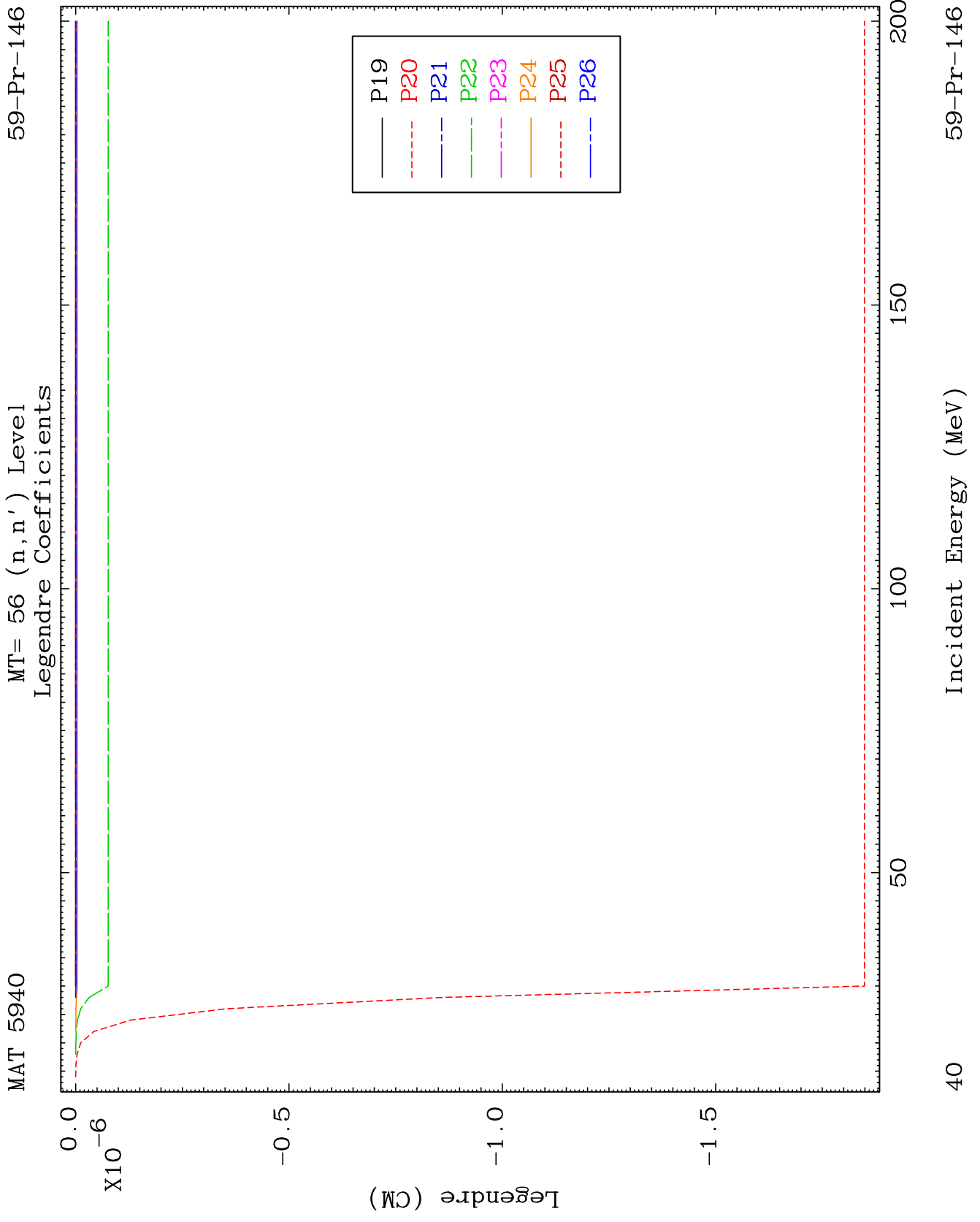
59-Pr-146



39

Incident Energy (MeV)

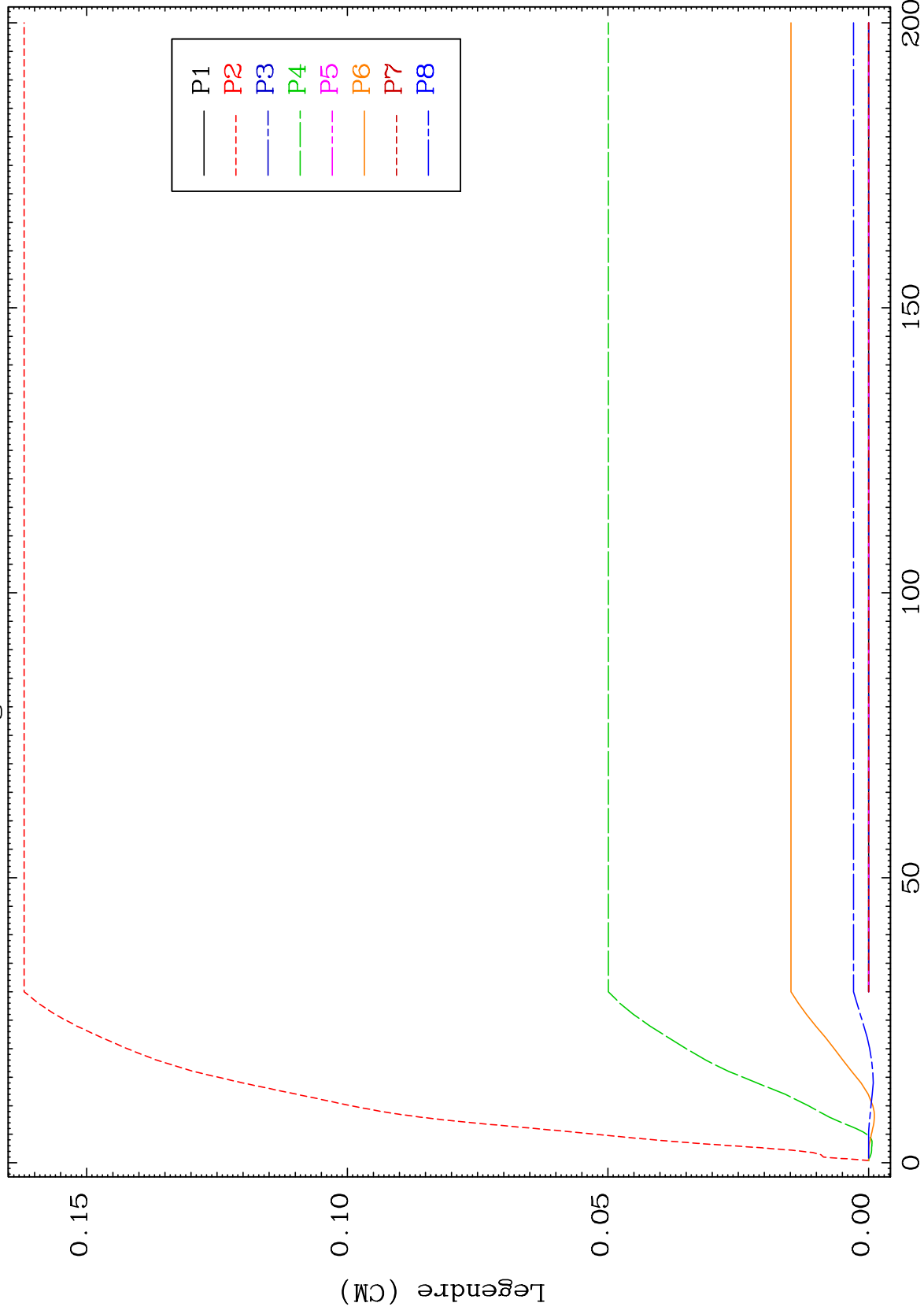
59-Pr-146



MAT 5940

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

59-Pr-146



41

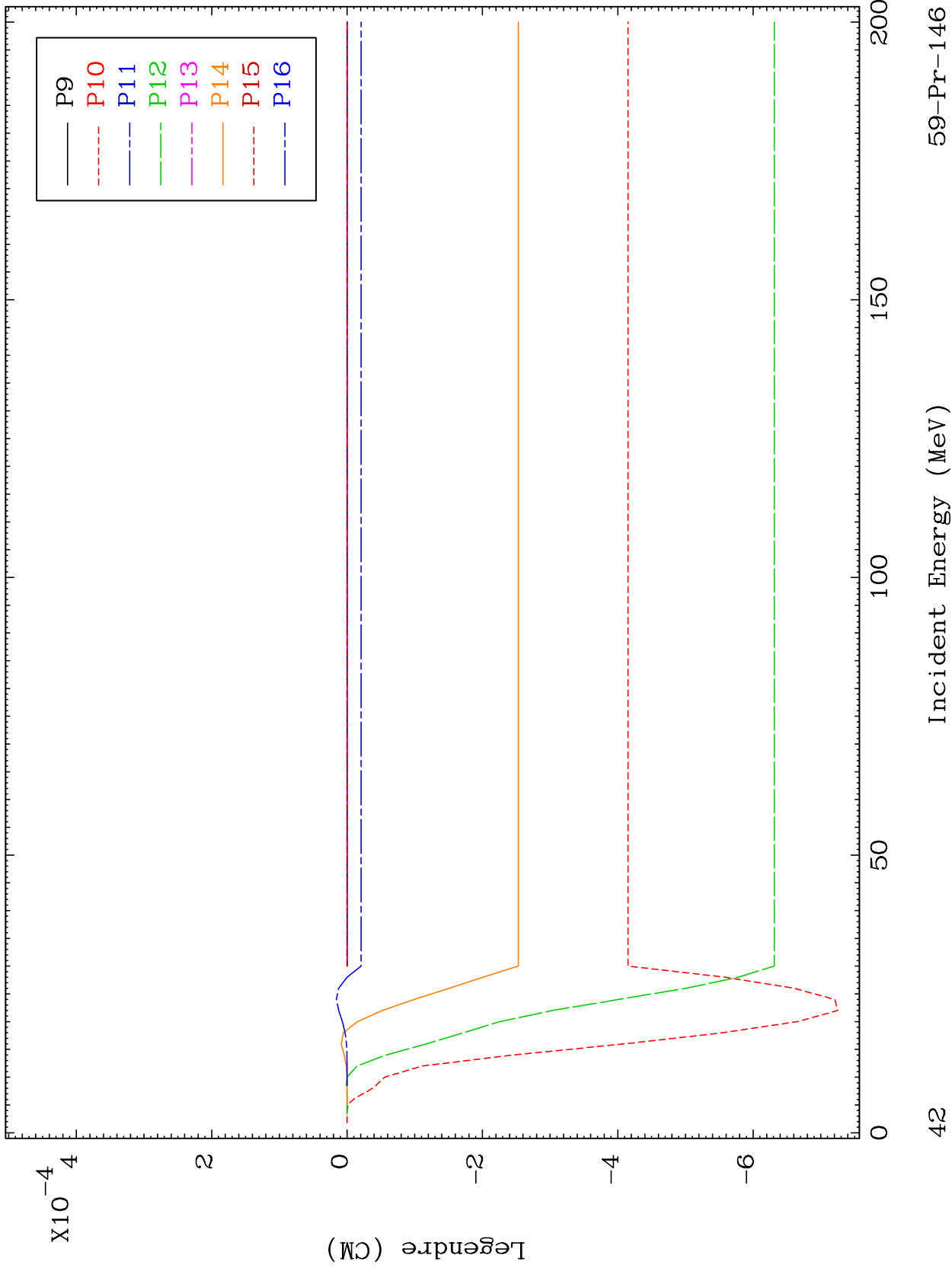
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

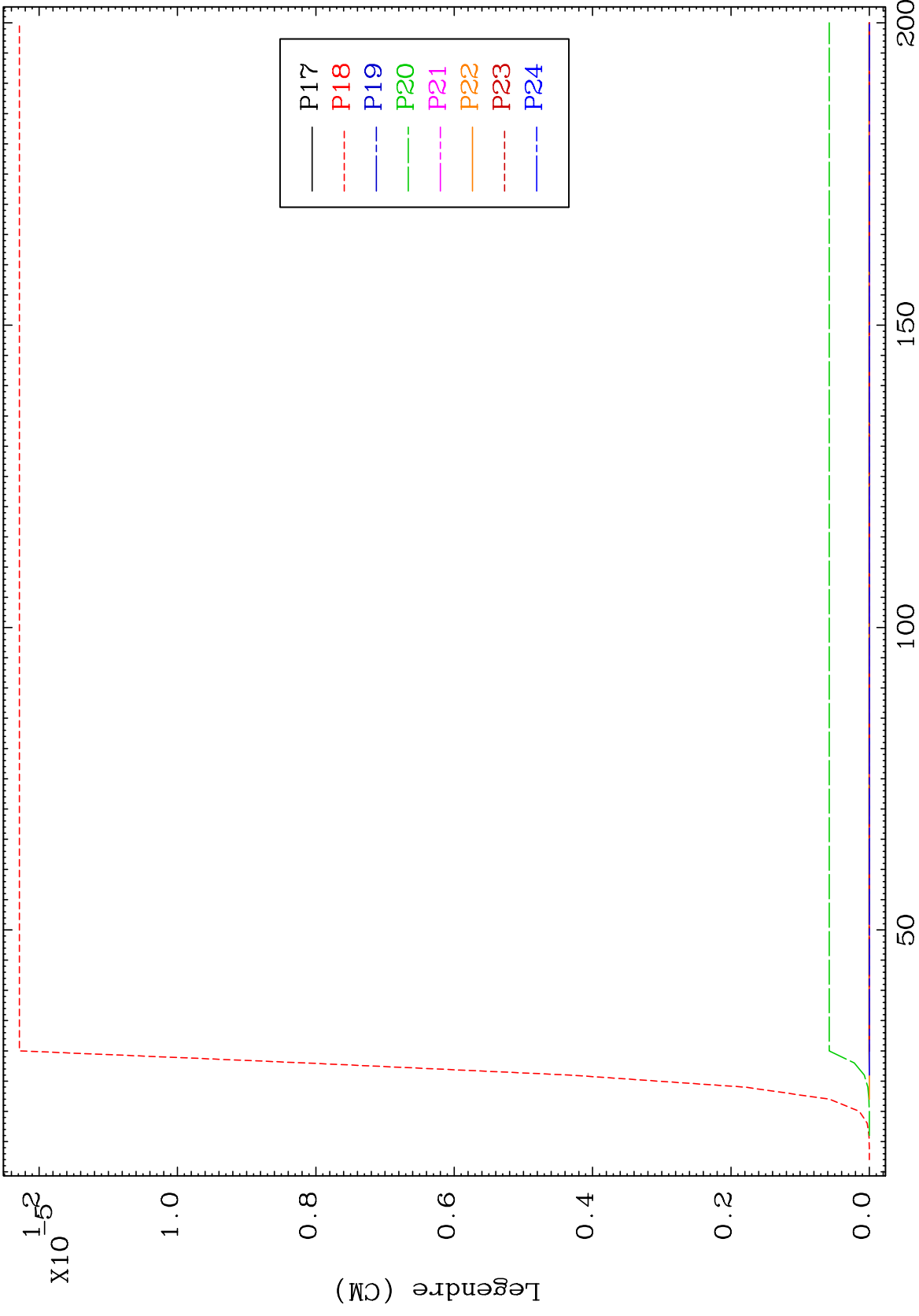
Incident Energy (MeV)

42

MAT 5940

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

59-Pr-146



43

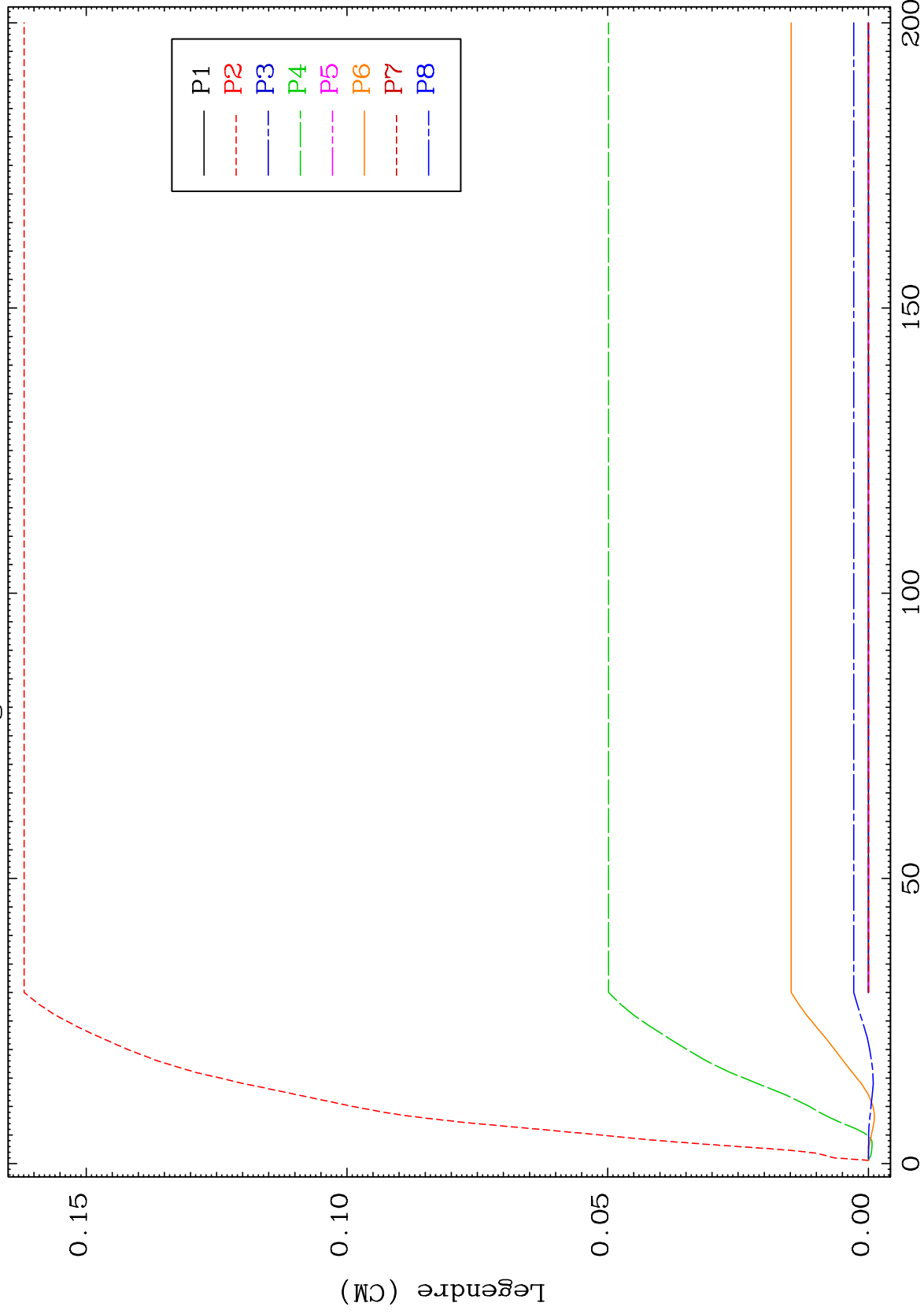
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



44

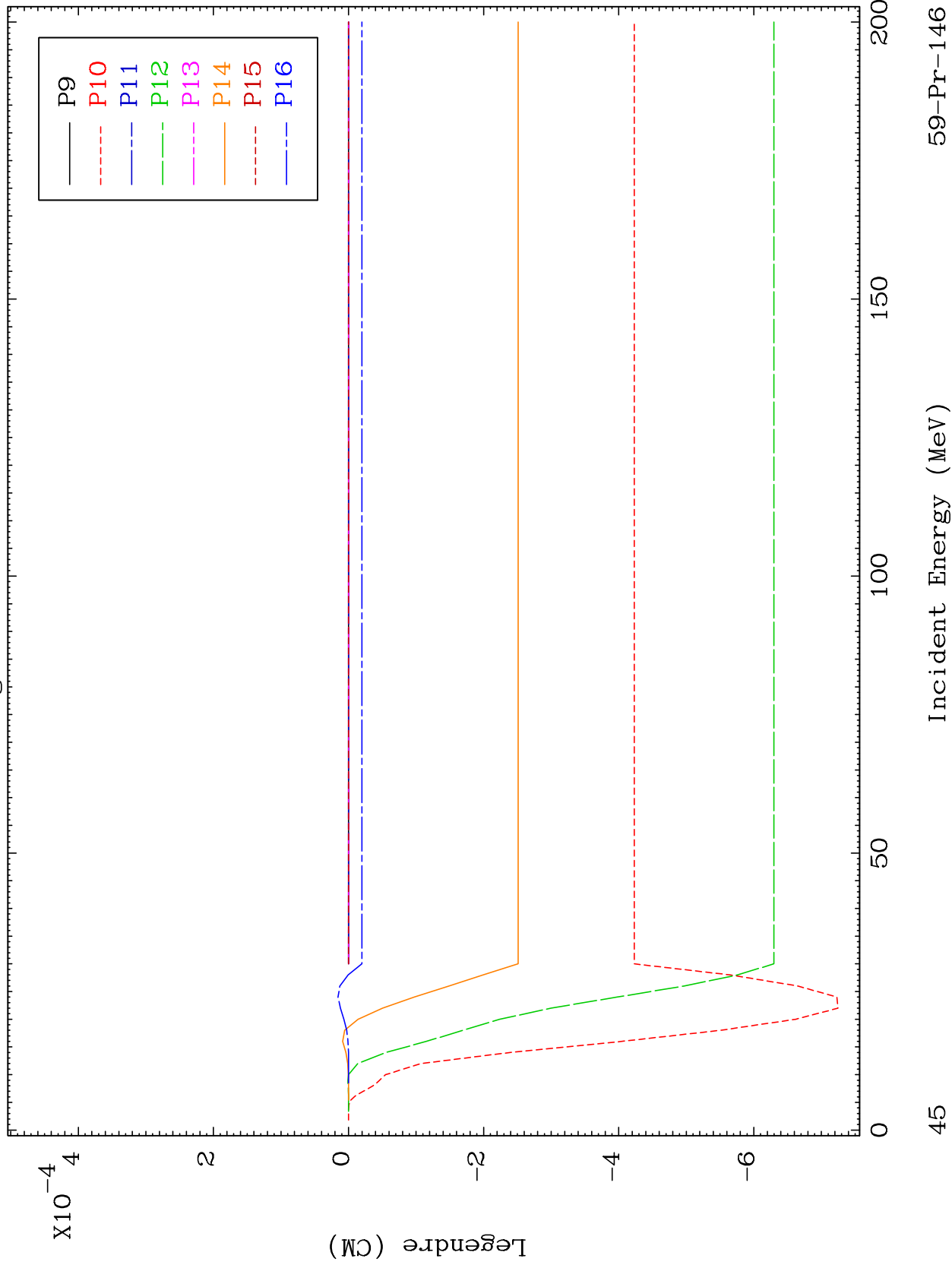
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146

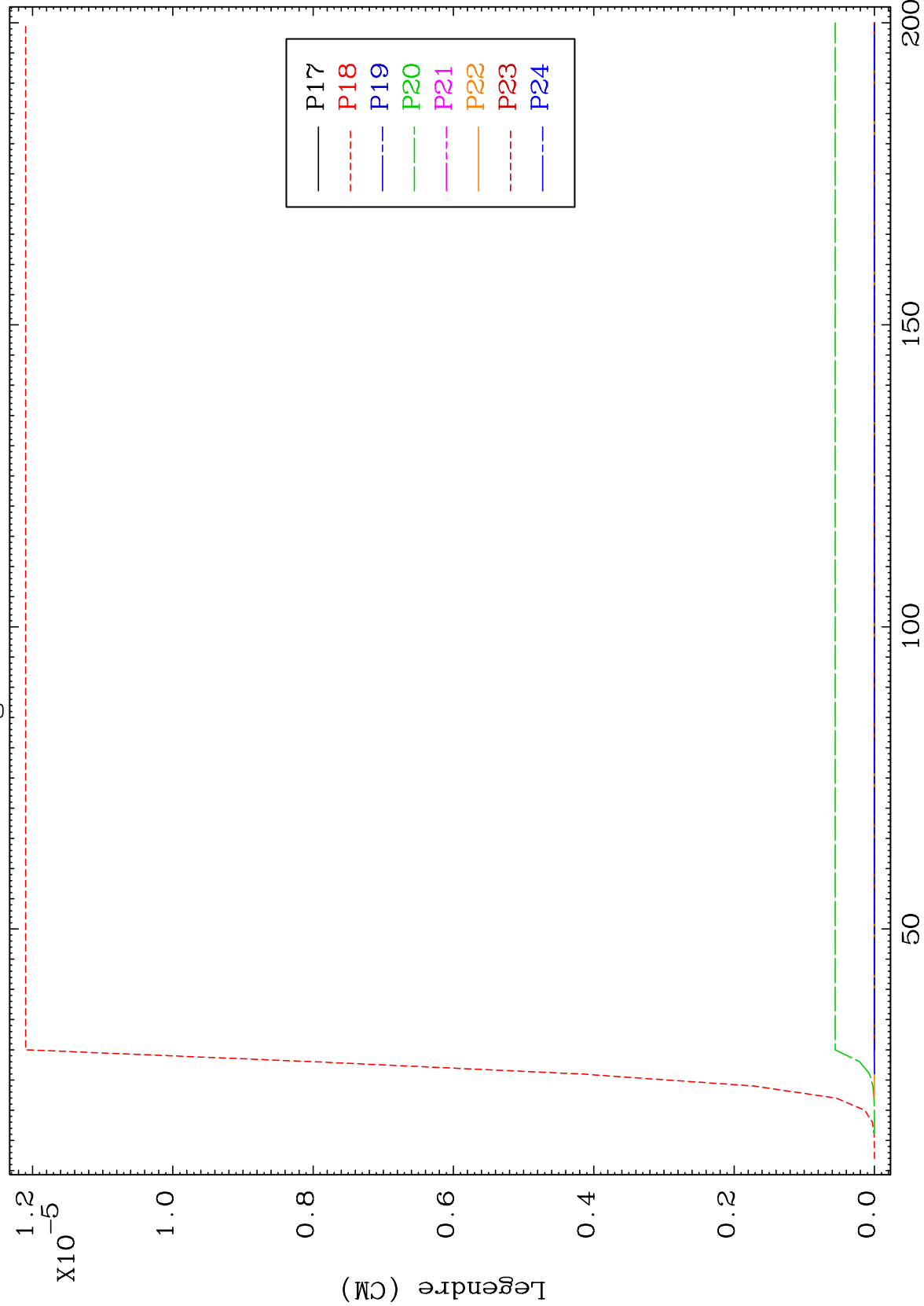


59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

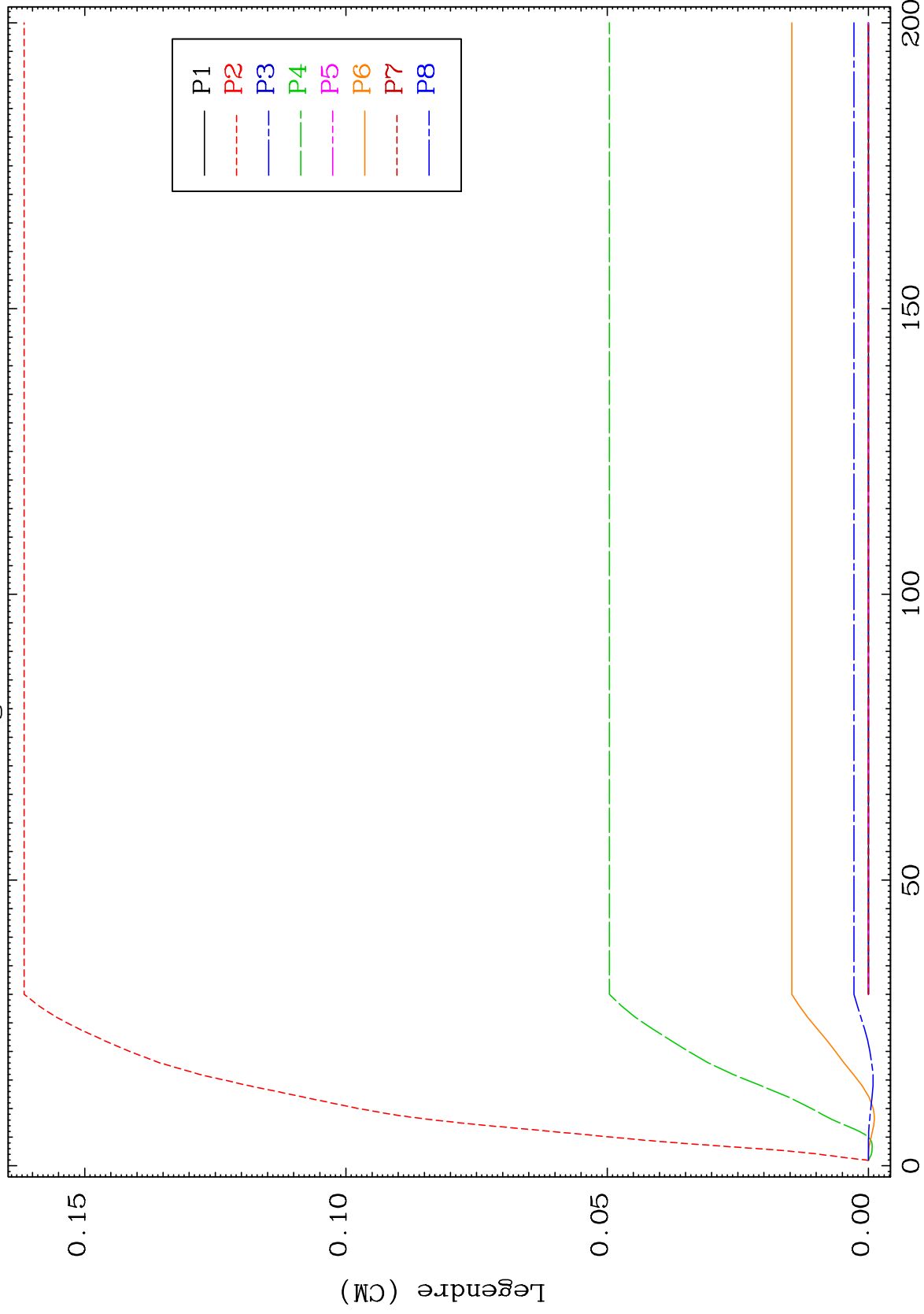
Incident Energy (MeV)

46

MAT 5940

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

59-Pr-146



47

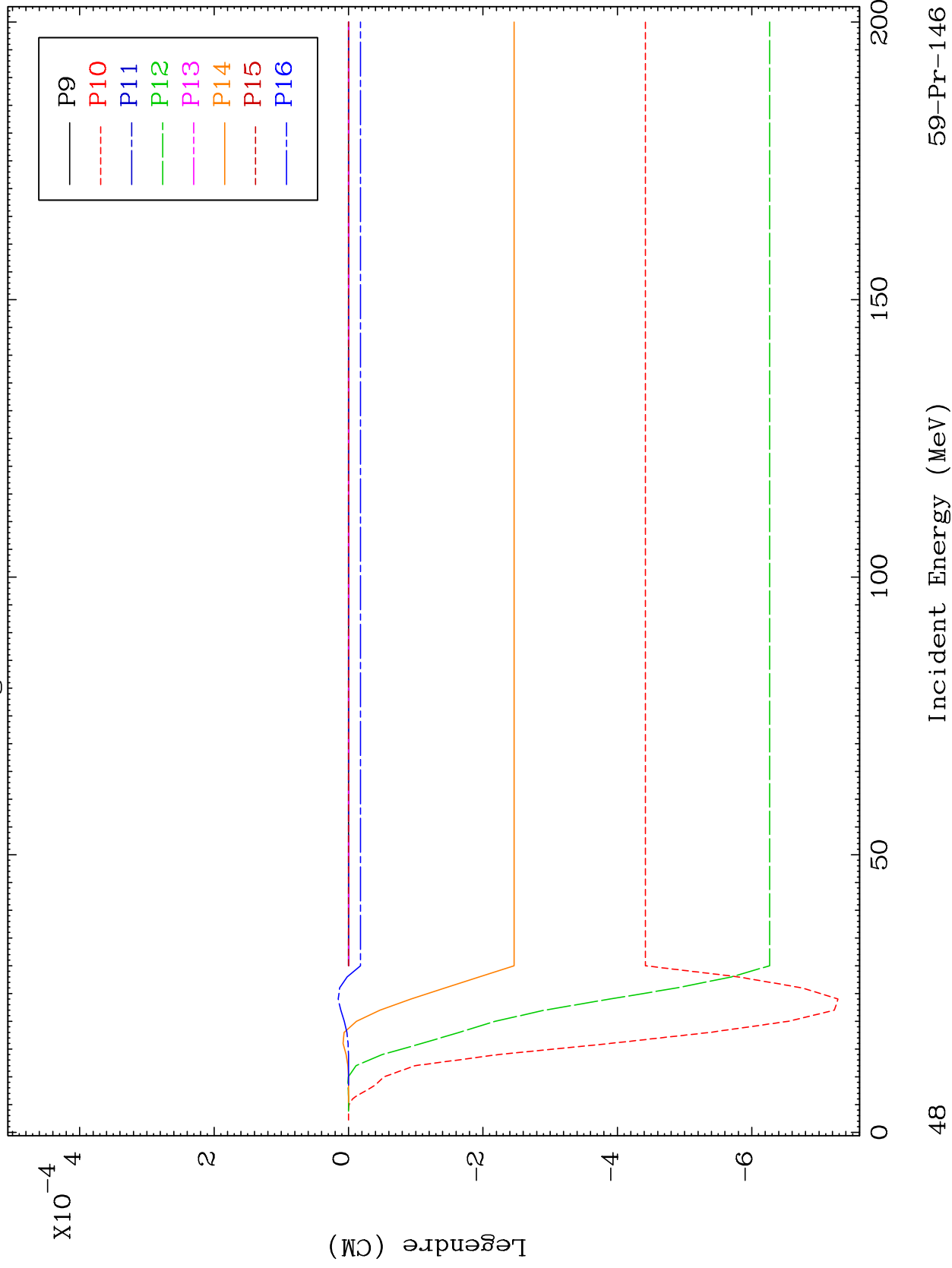
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

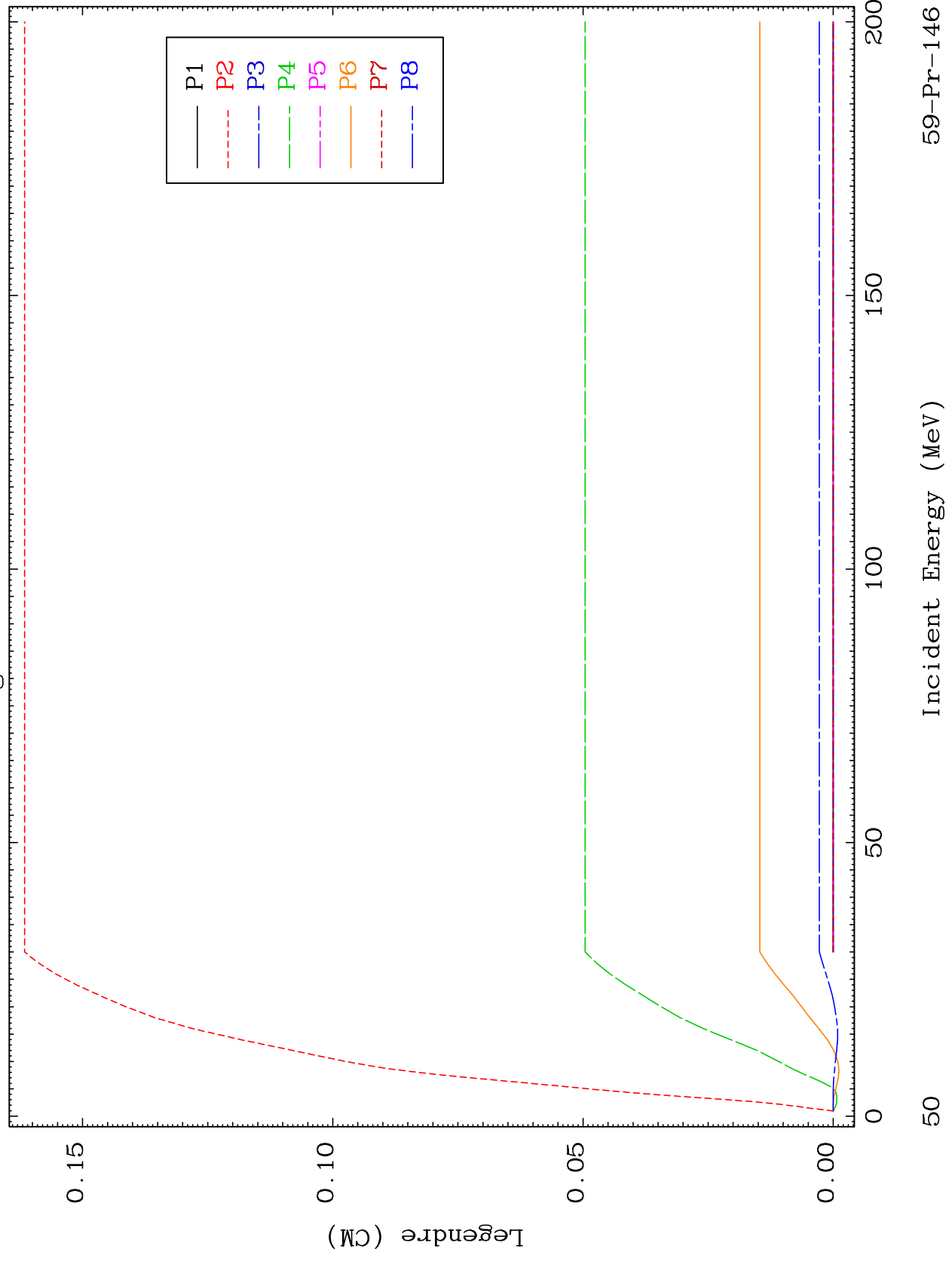
59-Pr-146



MAT 5940

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

59-Pr-146



59-Pr-146

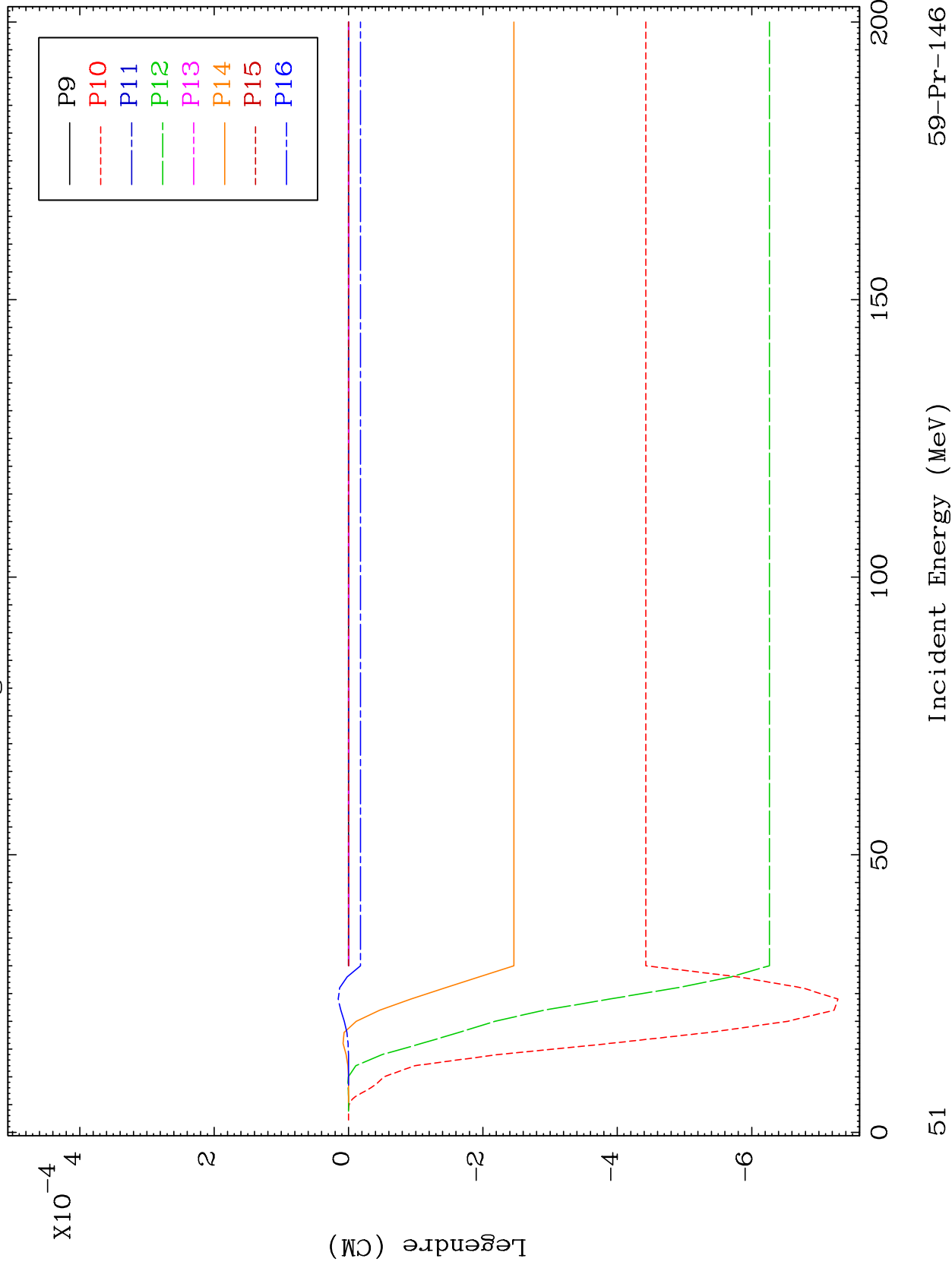
Incident Energy (MeV)

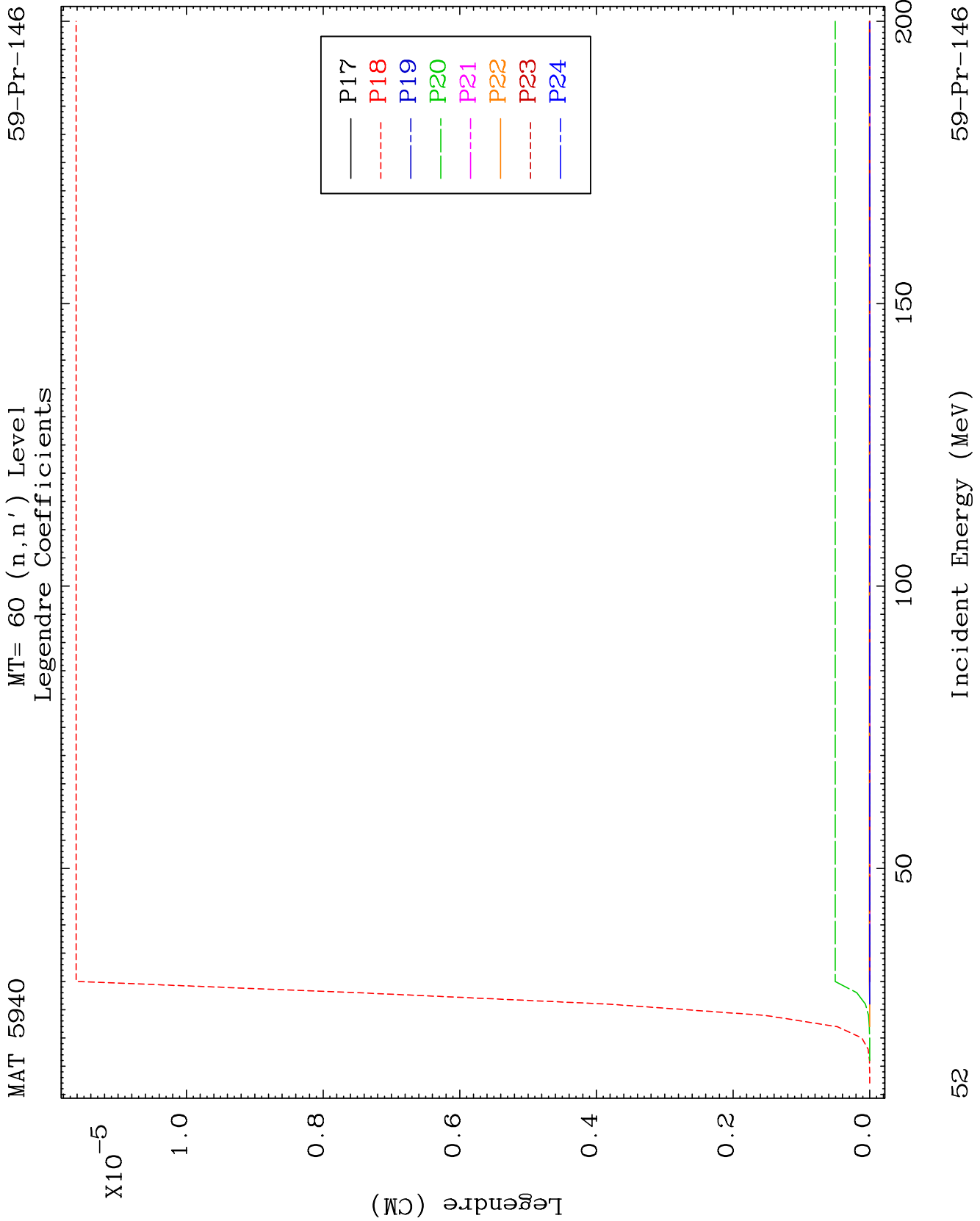
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MAT 5940

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

59-Pr-146

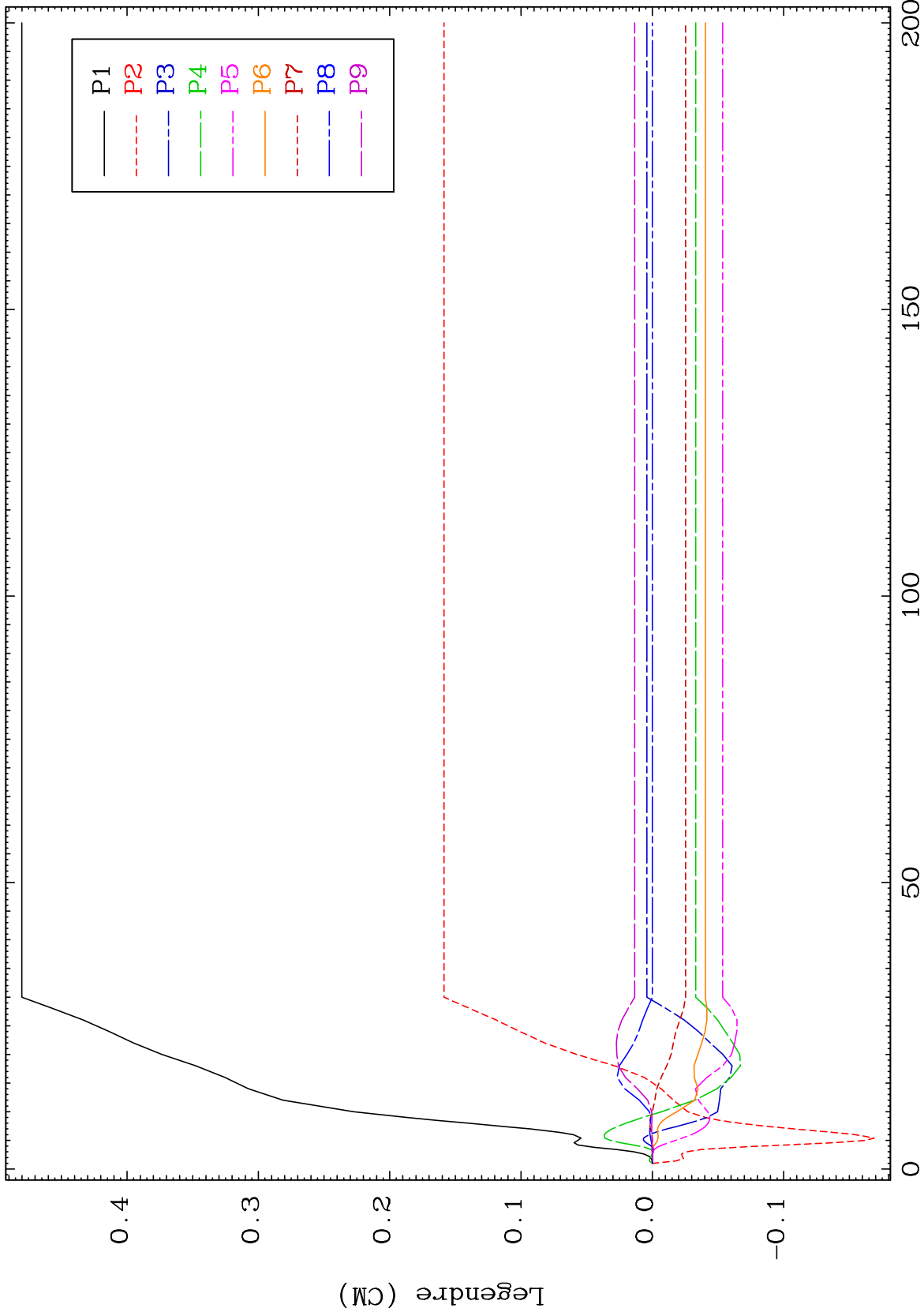




MAT 5940

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

59-Pr-146



53

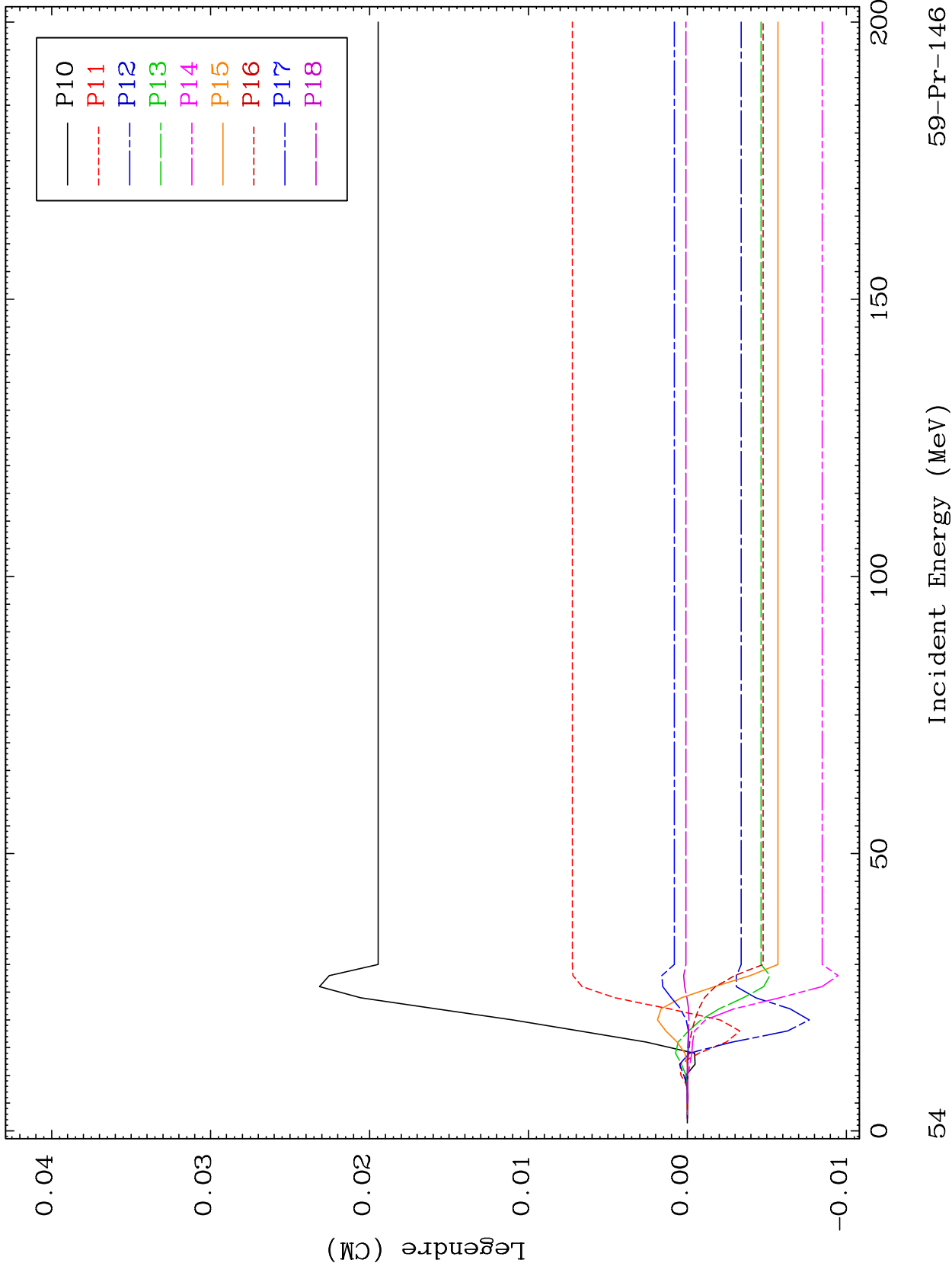
Incident Energy (MeV)

59-Pr-146

MAT 5940

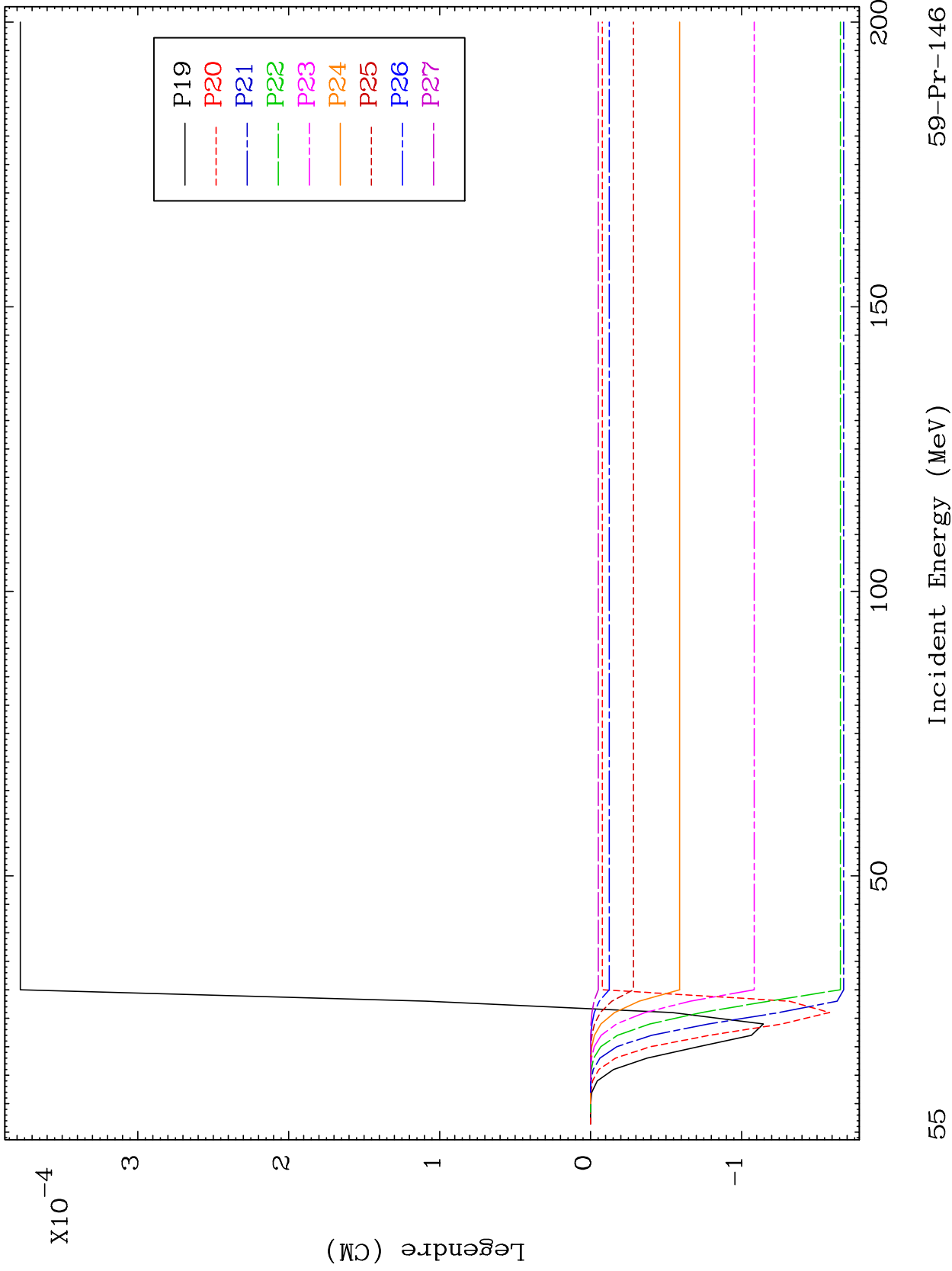
MT= 61 (n,n') Level
Legendre Coefficients

59-Pr-146



54

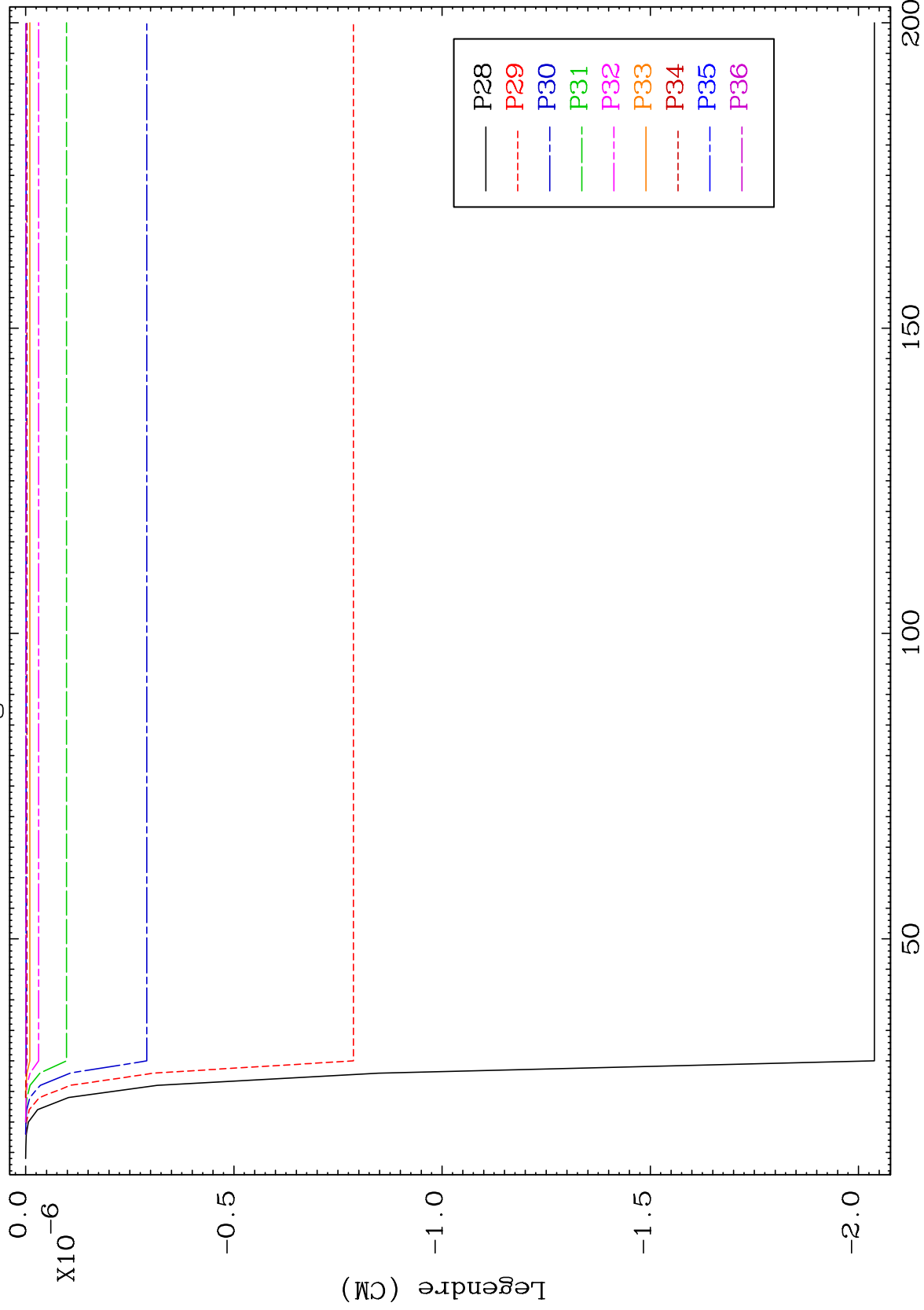
59-Pr-146



MAT 5940

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

59-Pr-146



56

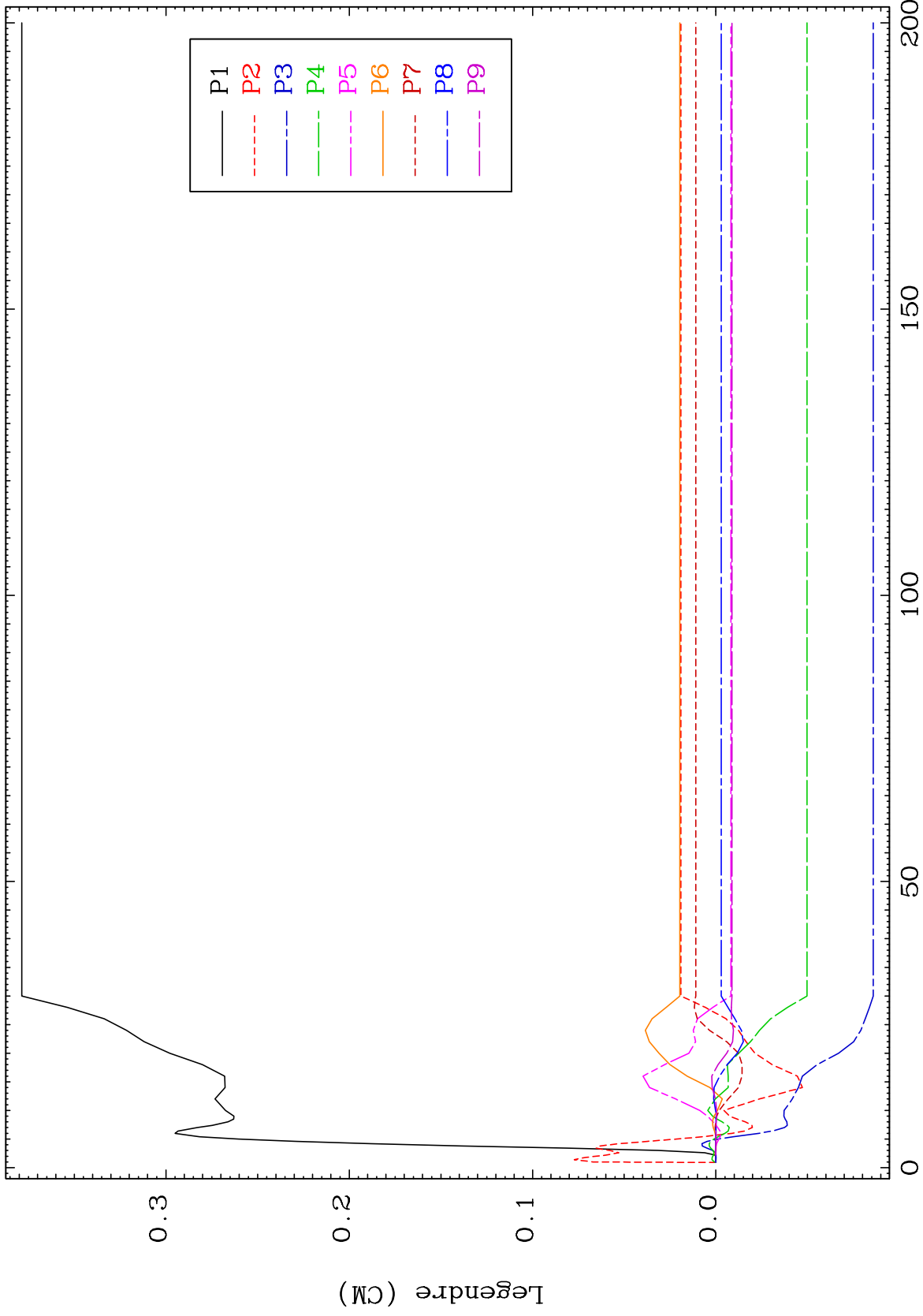
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



57

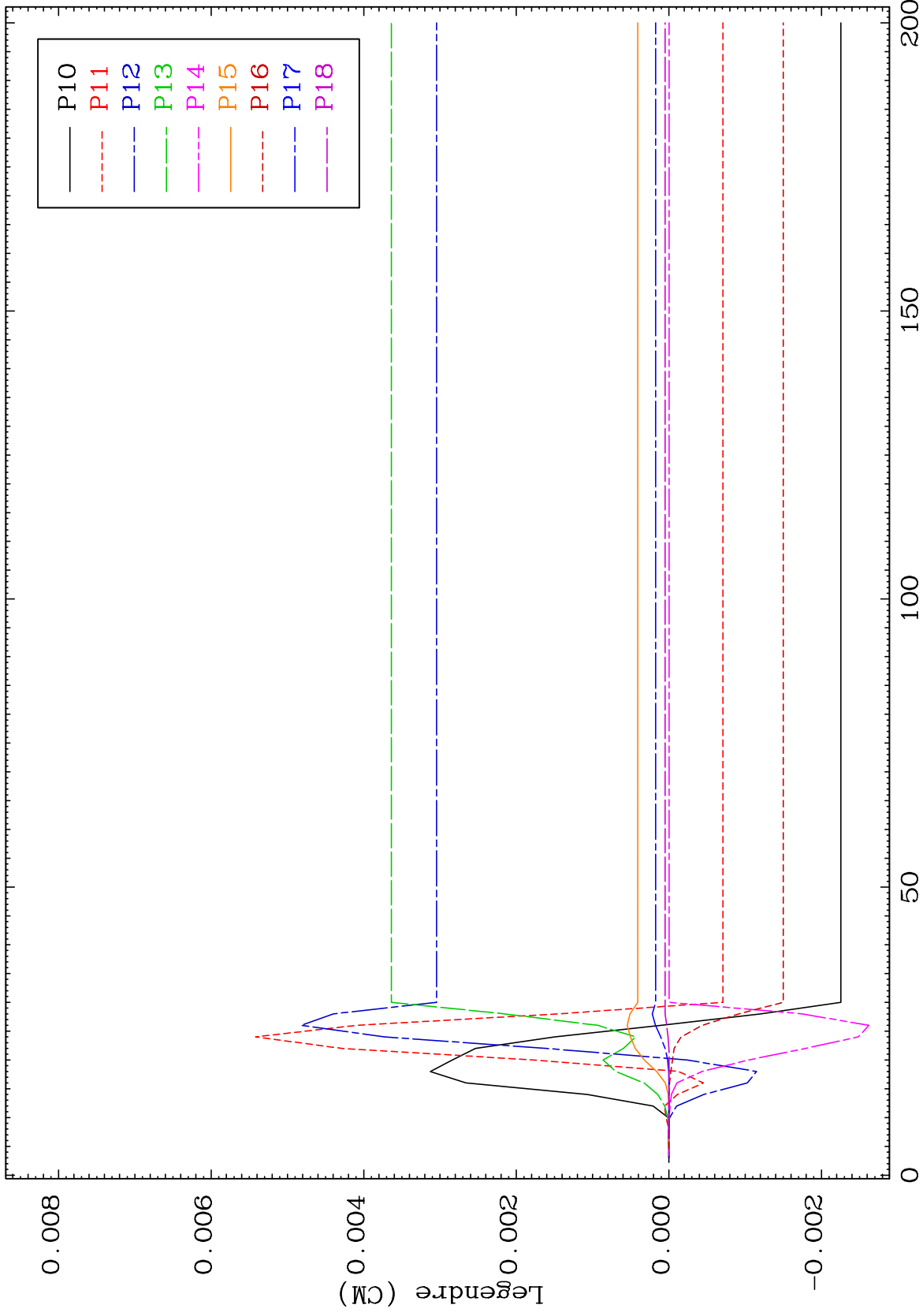
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



58

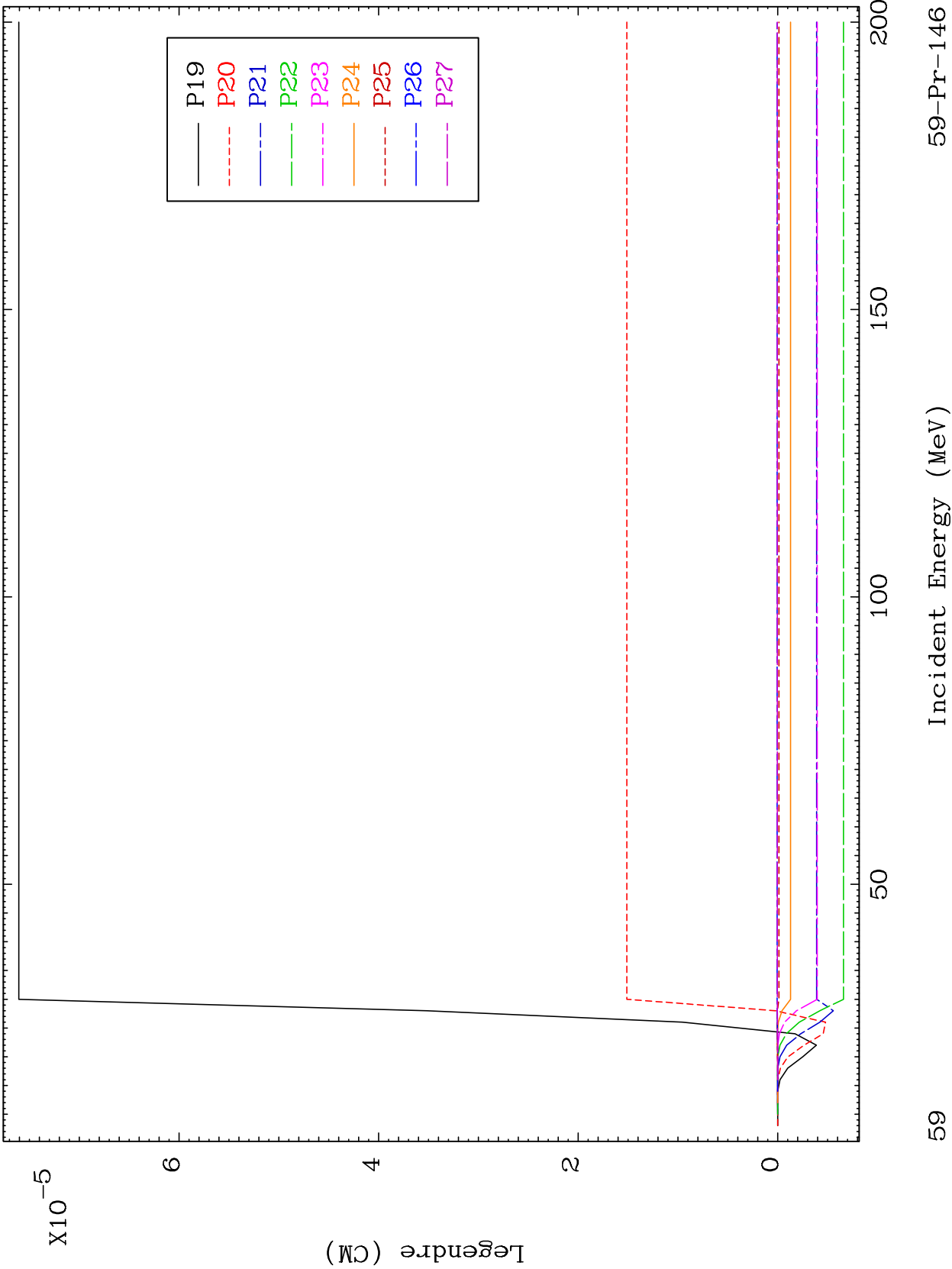
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59

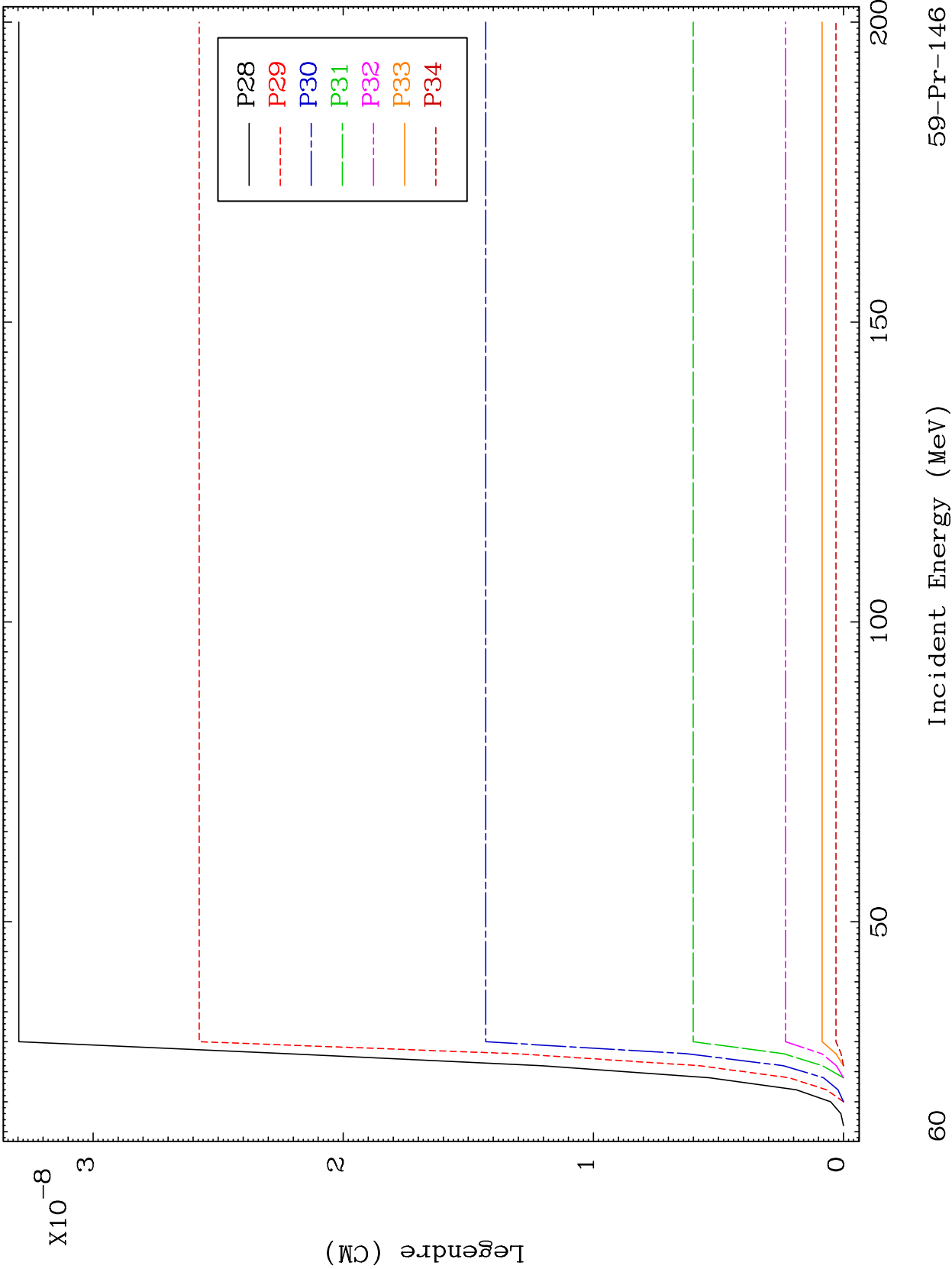
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146

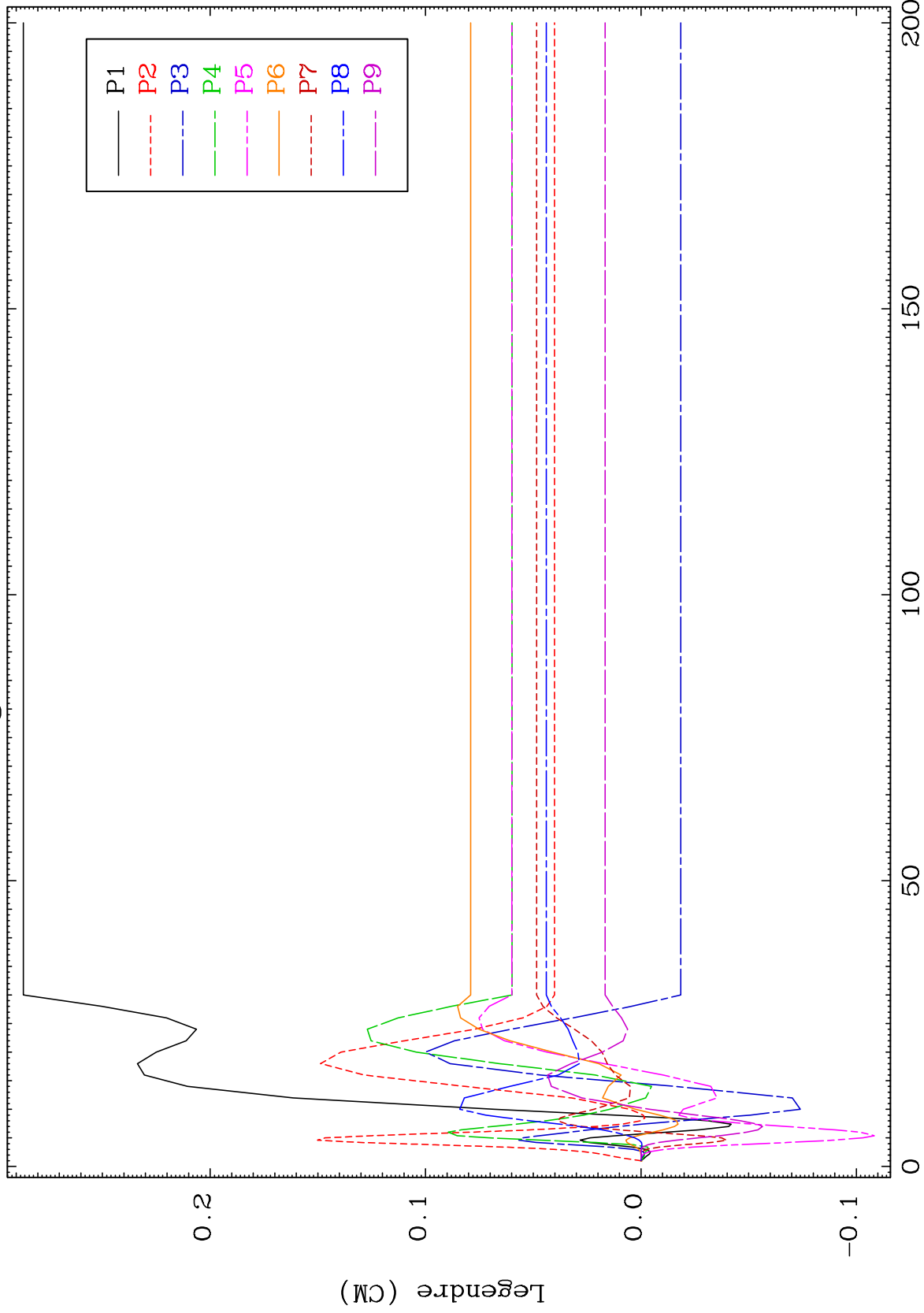


59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

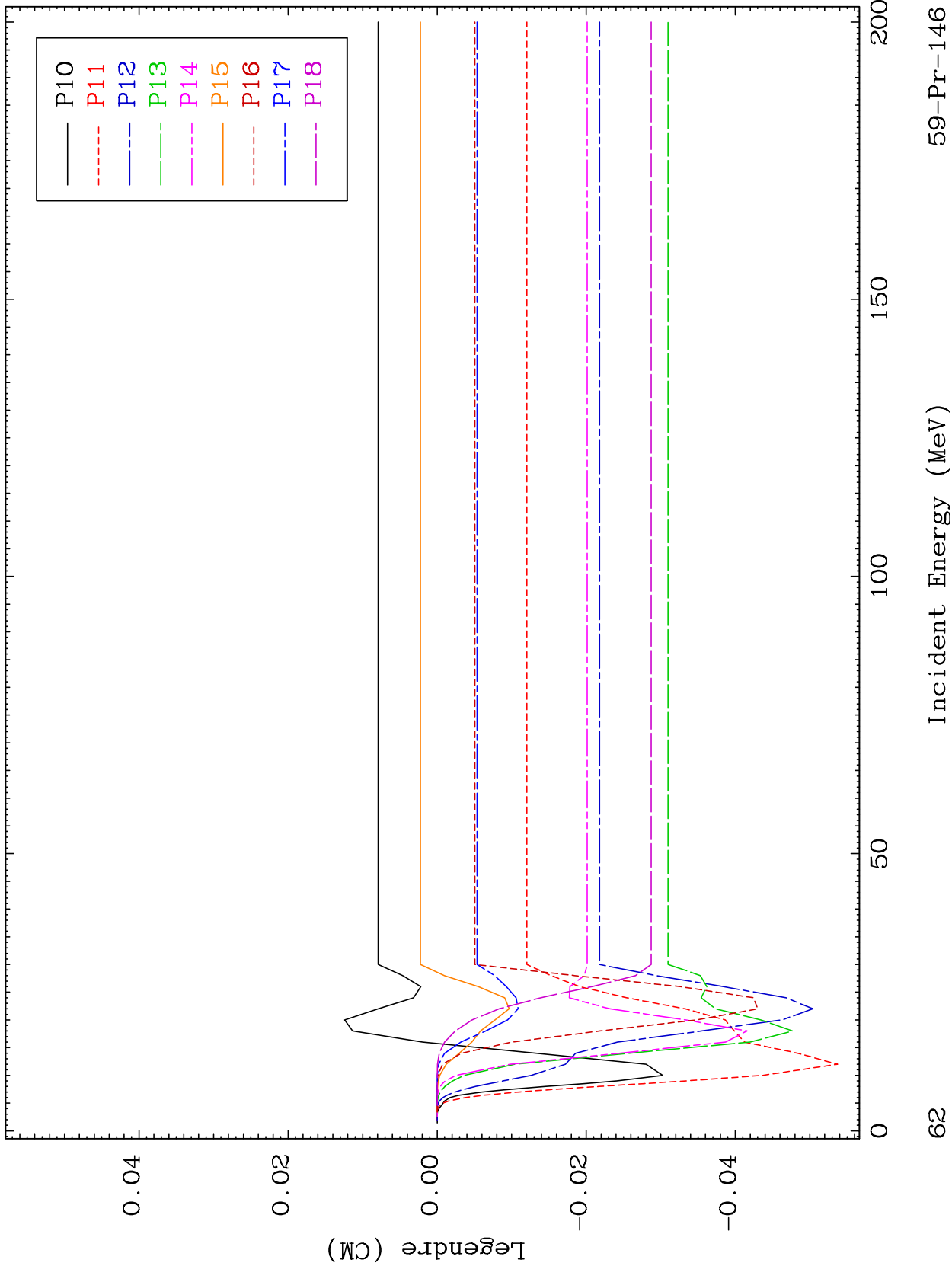
Incident Energy (MeV)

61

MAT 5940

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

59-Pr-146



59-Pr-146

Incident Energy (MeV)

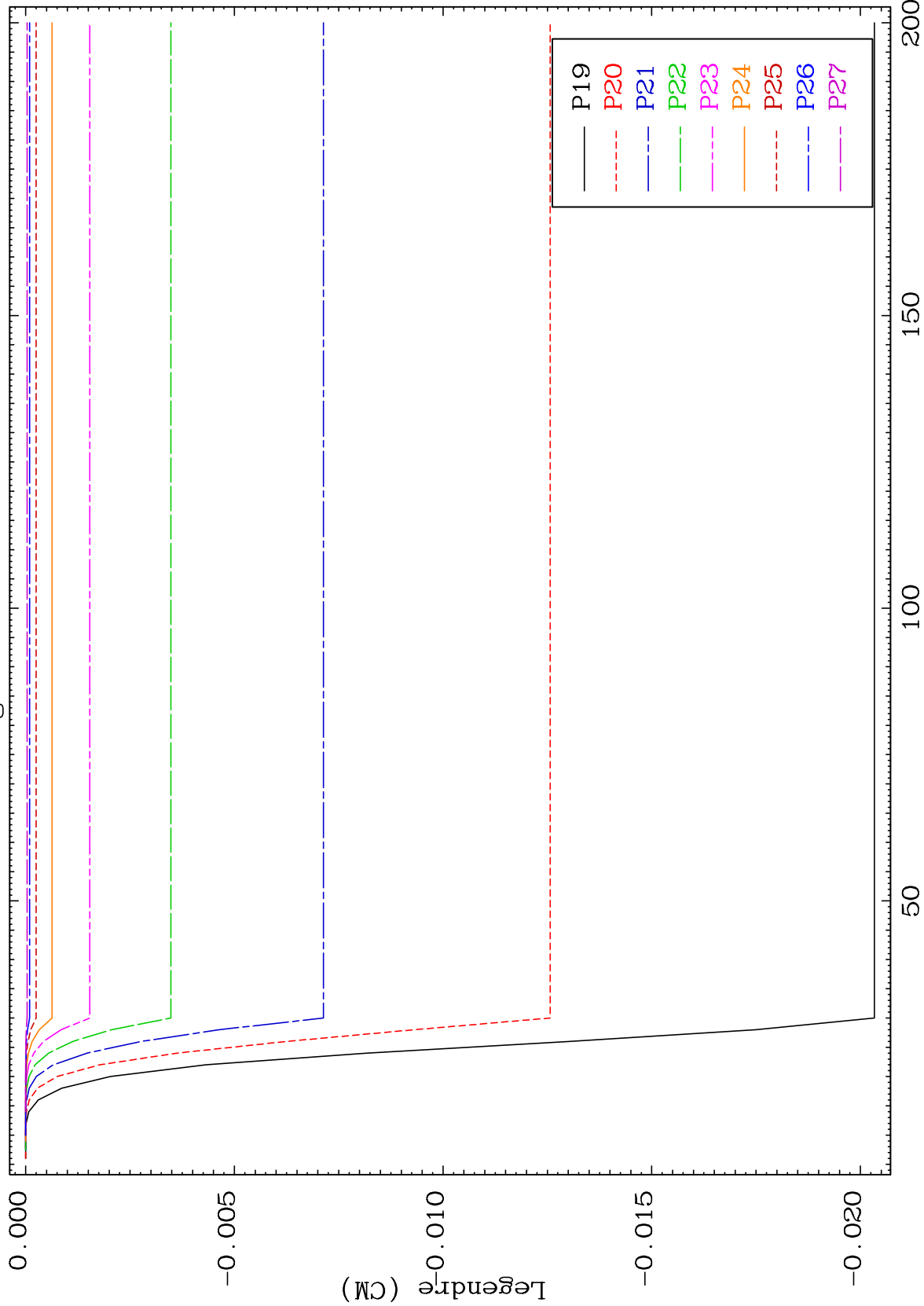
62

MAT 5940

MT= 63 (n,n') Level

59-Pr-146

Legendre Coefficients



59-Pr-146

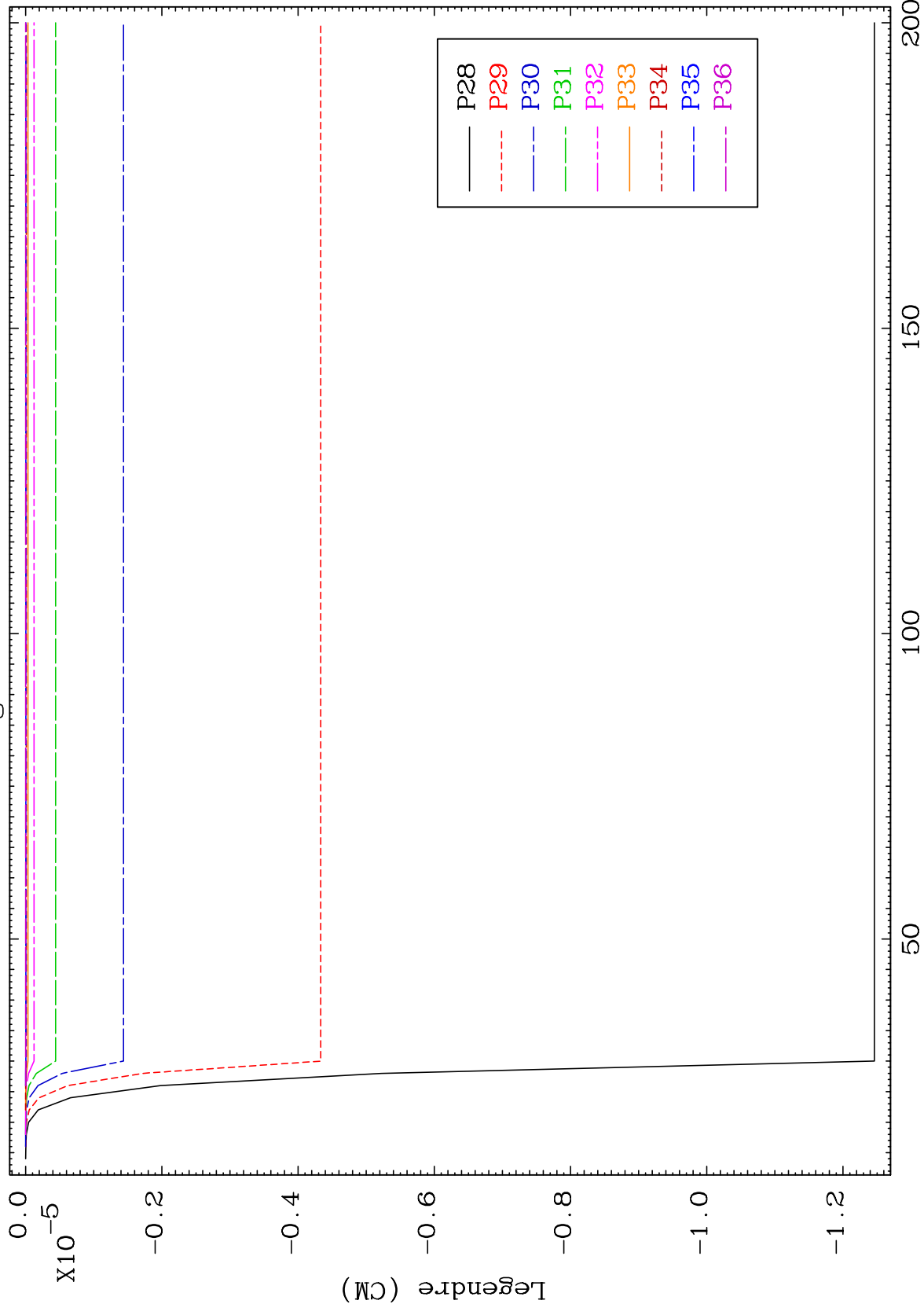
Incident Energy (MeV)

63

MAT 5940

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

59-Pr-146



64

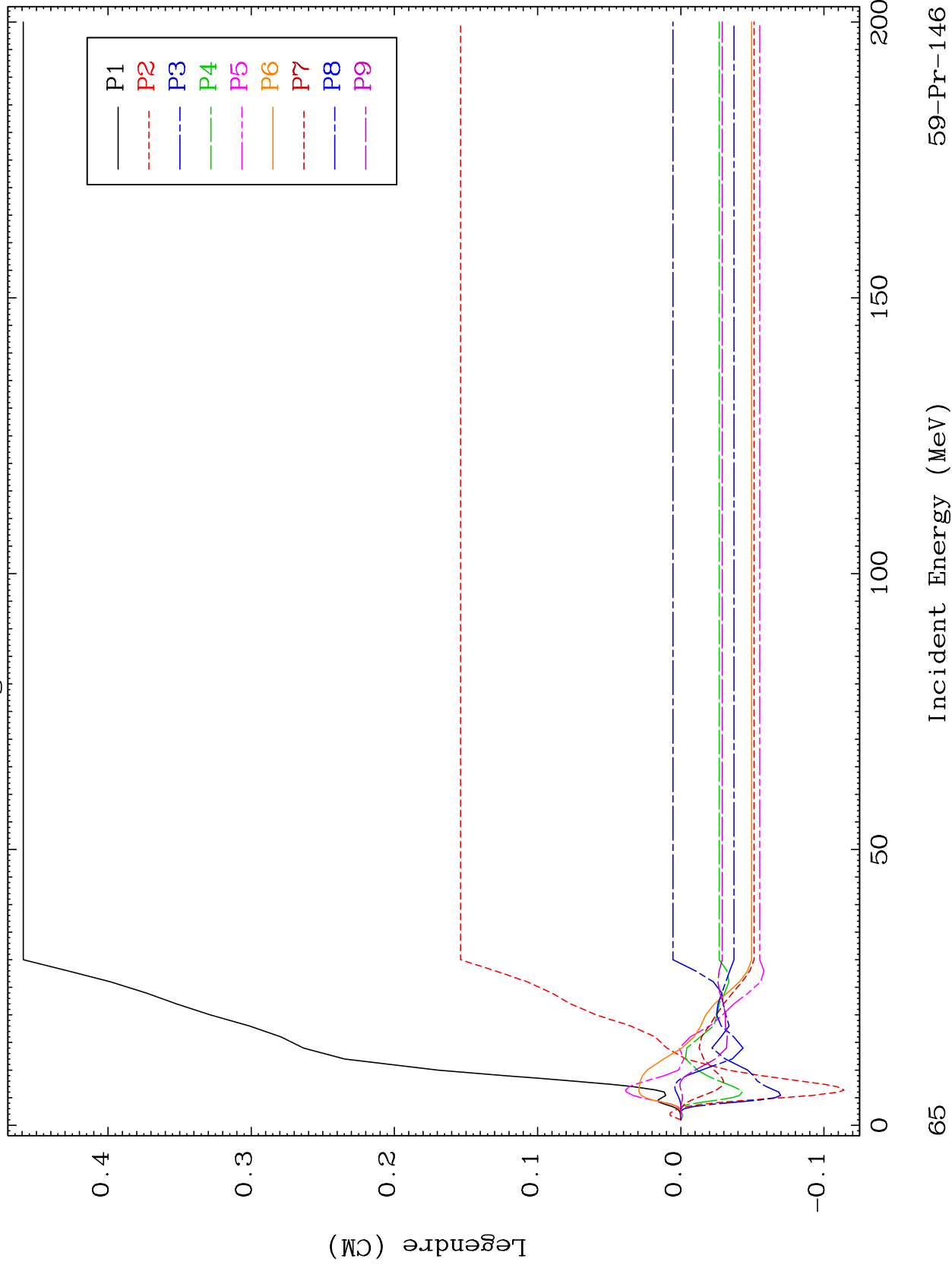
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

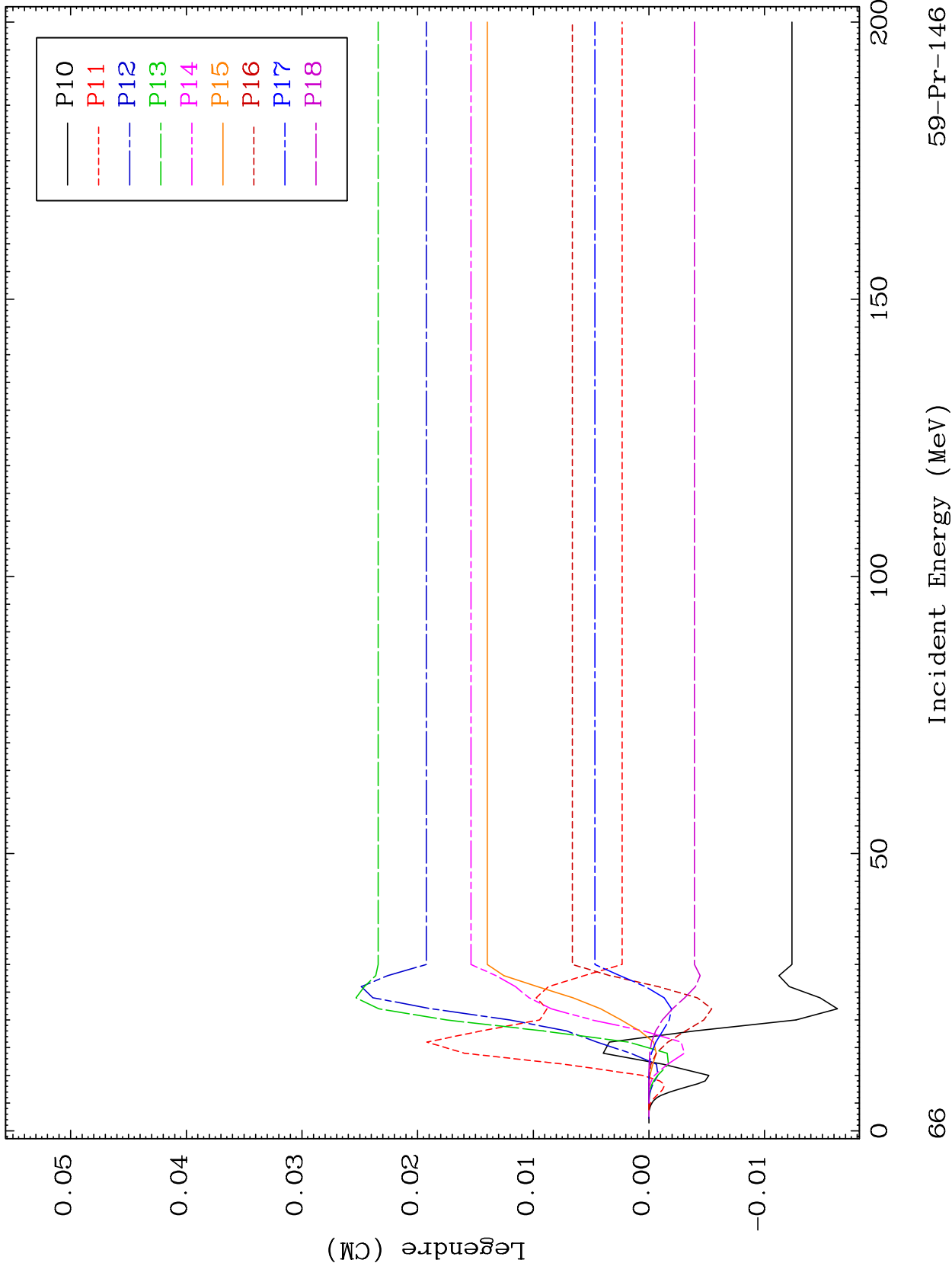
Incident Energy (MeV)

65

MAT 5940

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

59-Pr-146



59-Pr-146

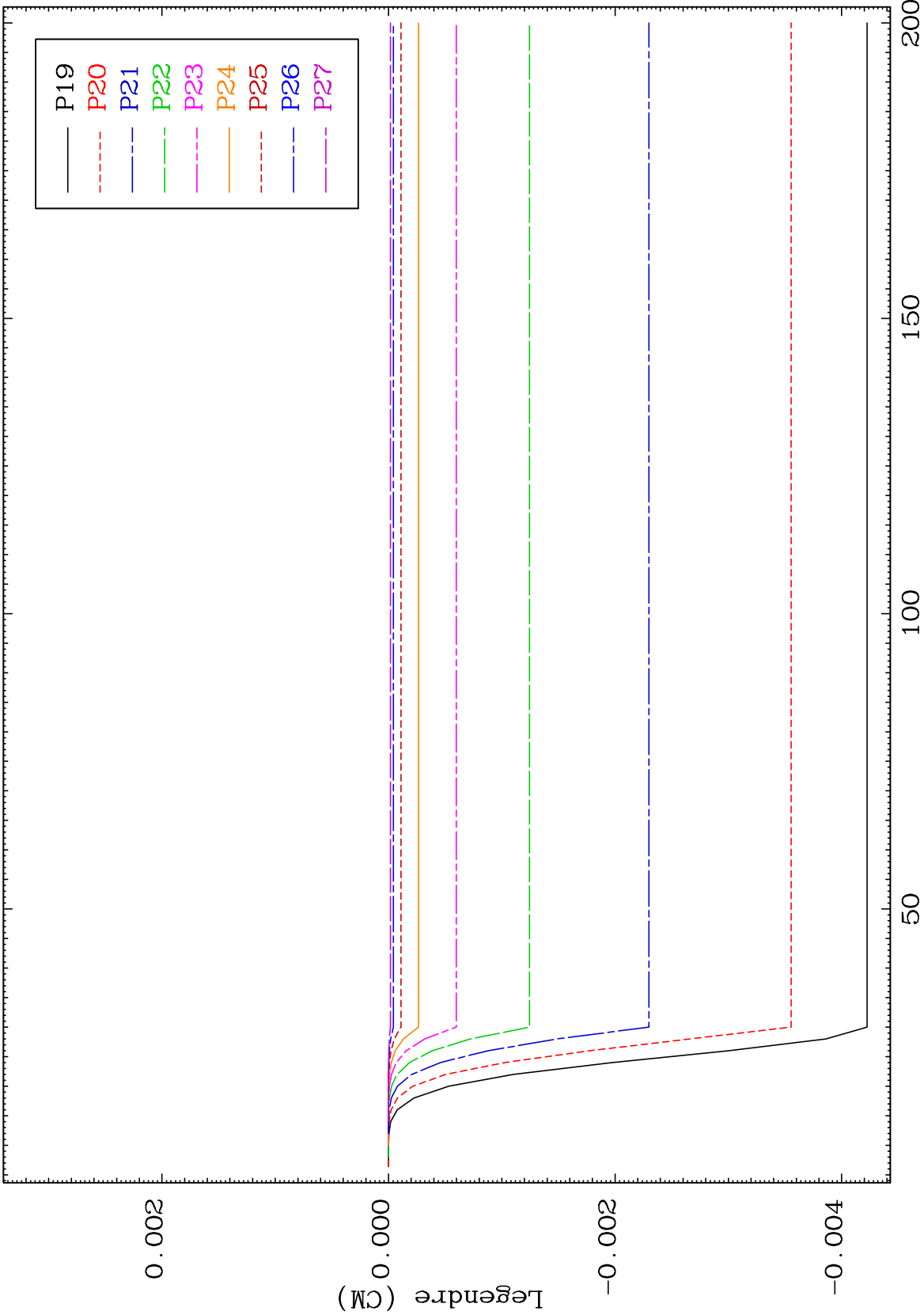
Incident Energy (MeV)

66

MAT 5940

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

59-Pr-146



67

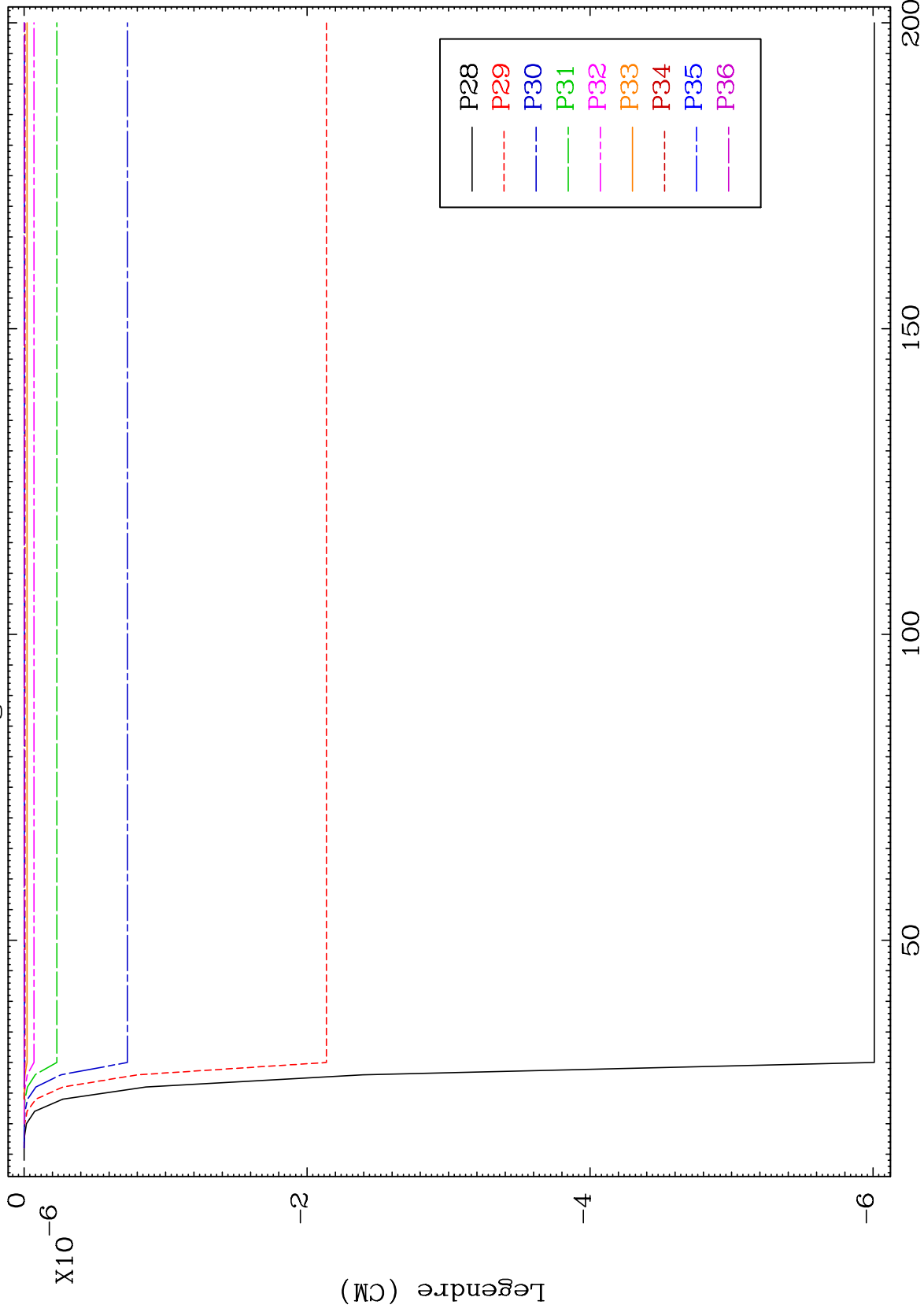
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



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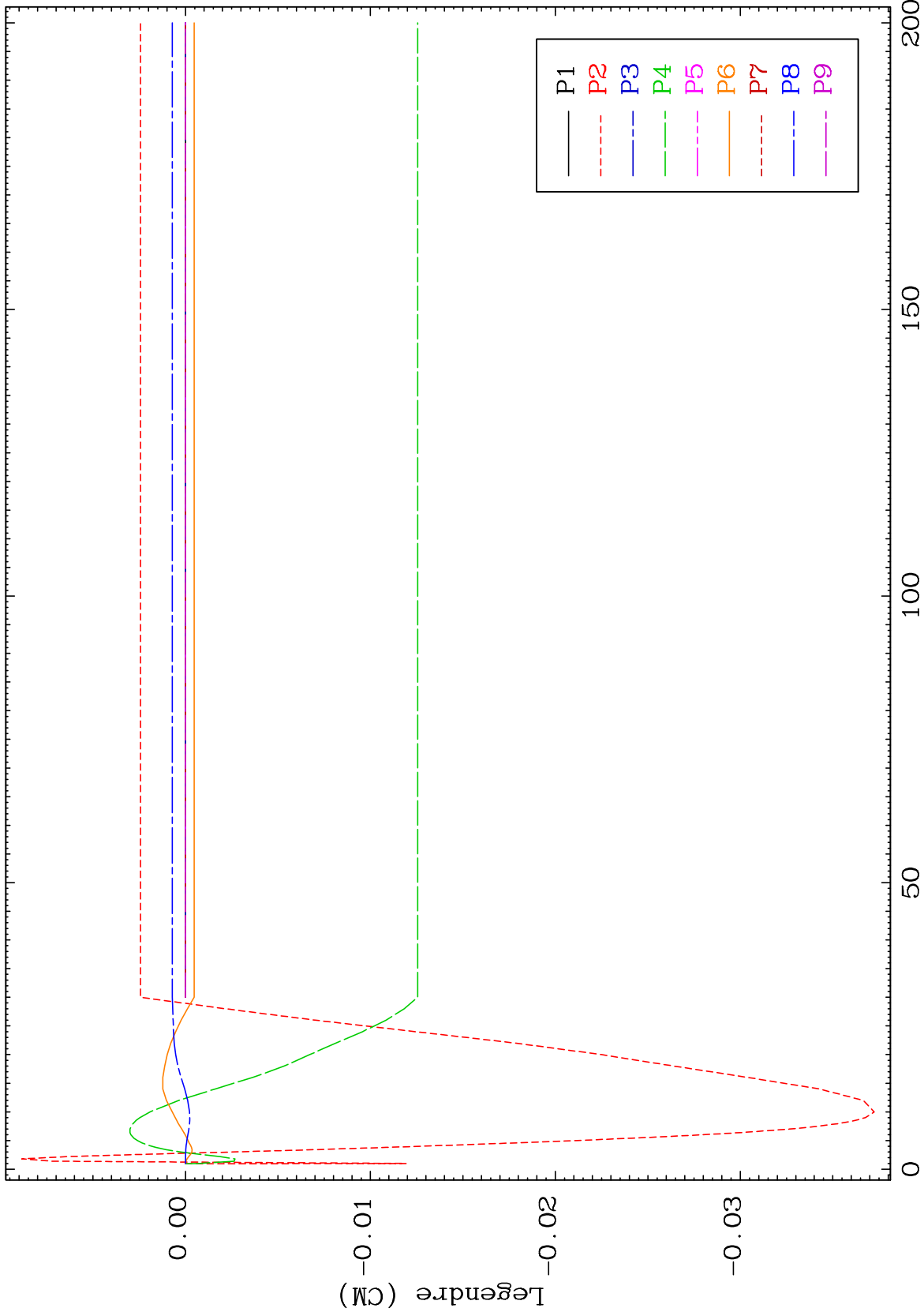
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



69

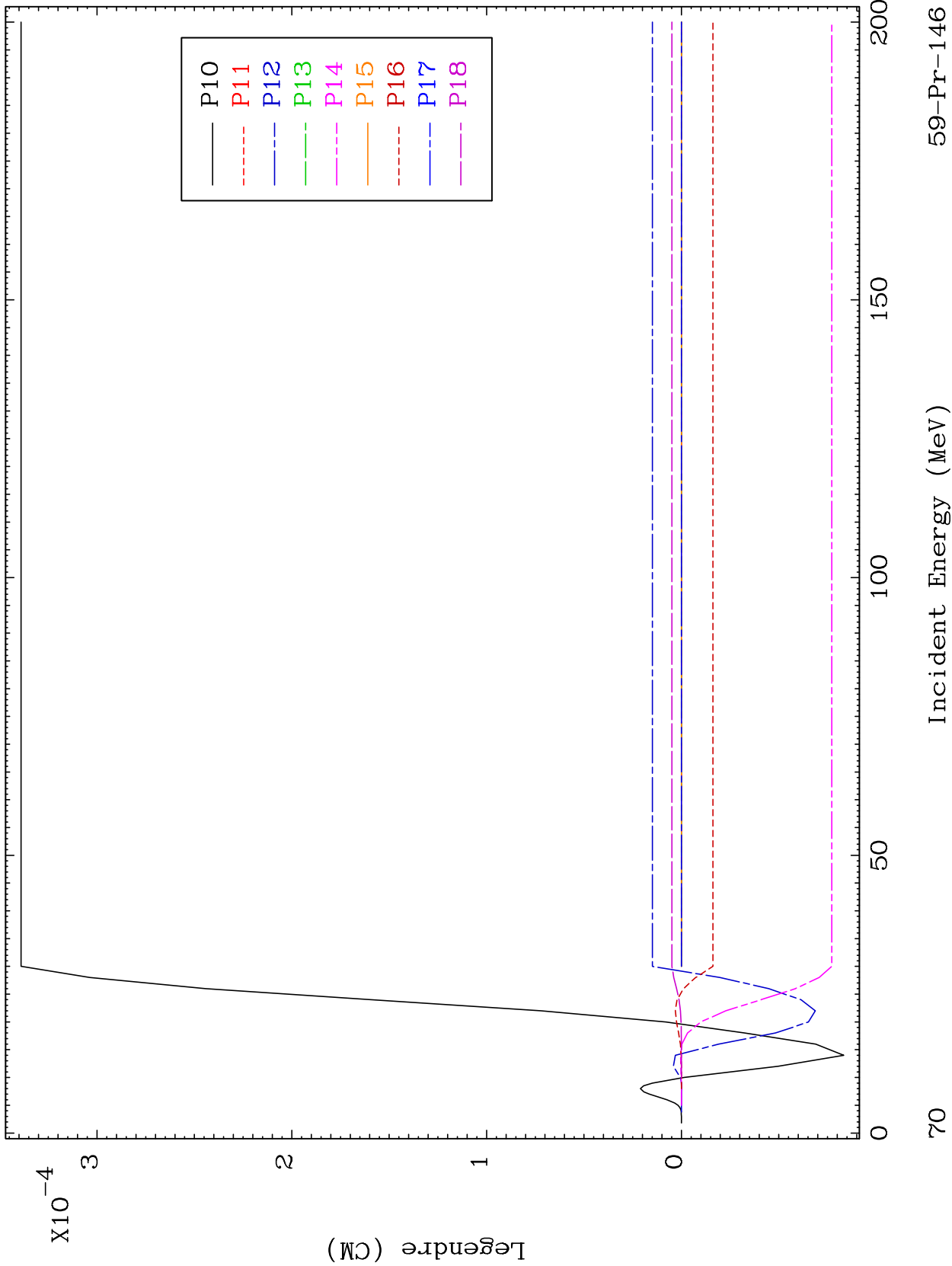
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

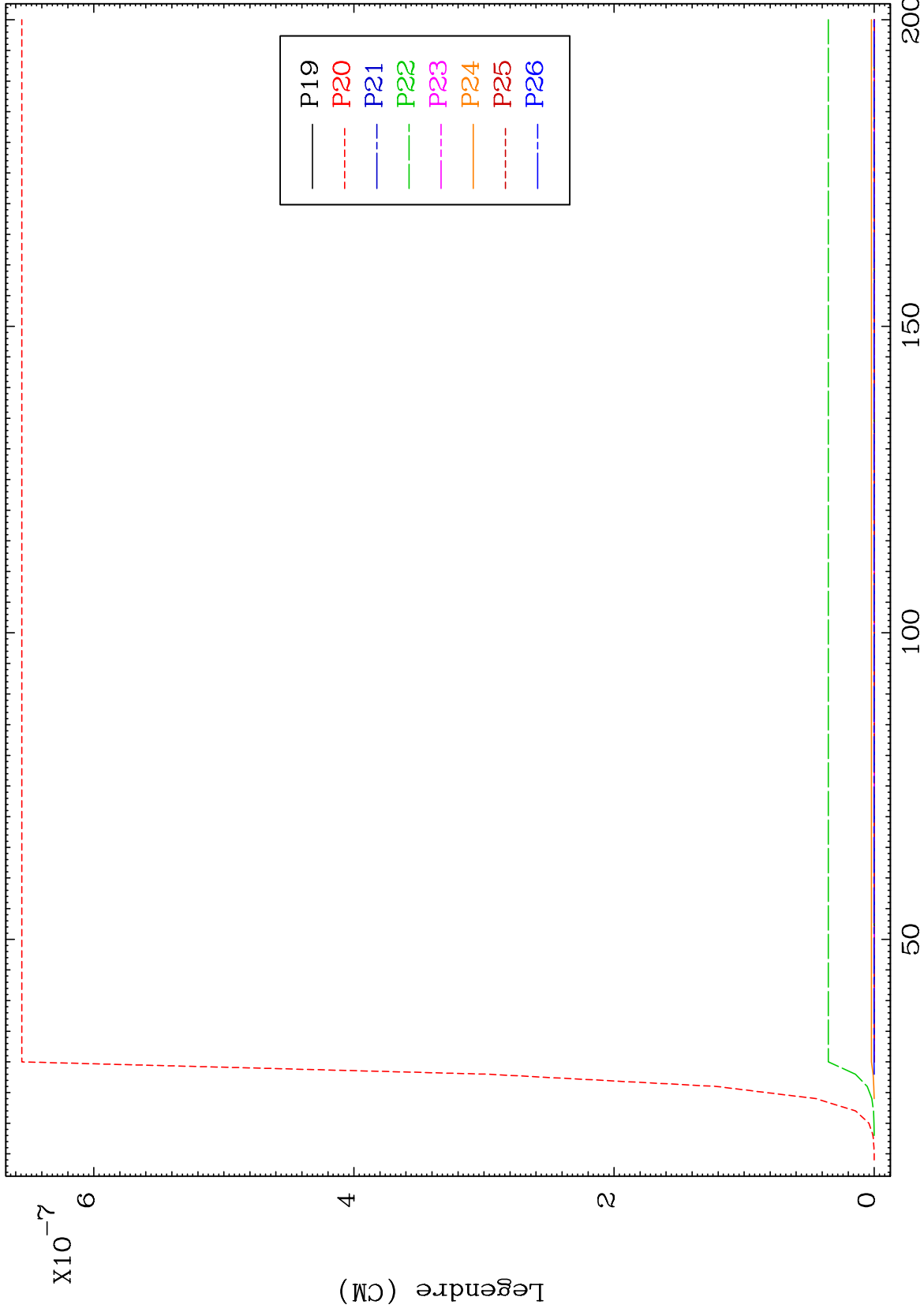
Incident Energy (MeV)

70

MAT 5940

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

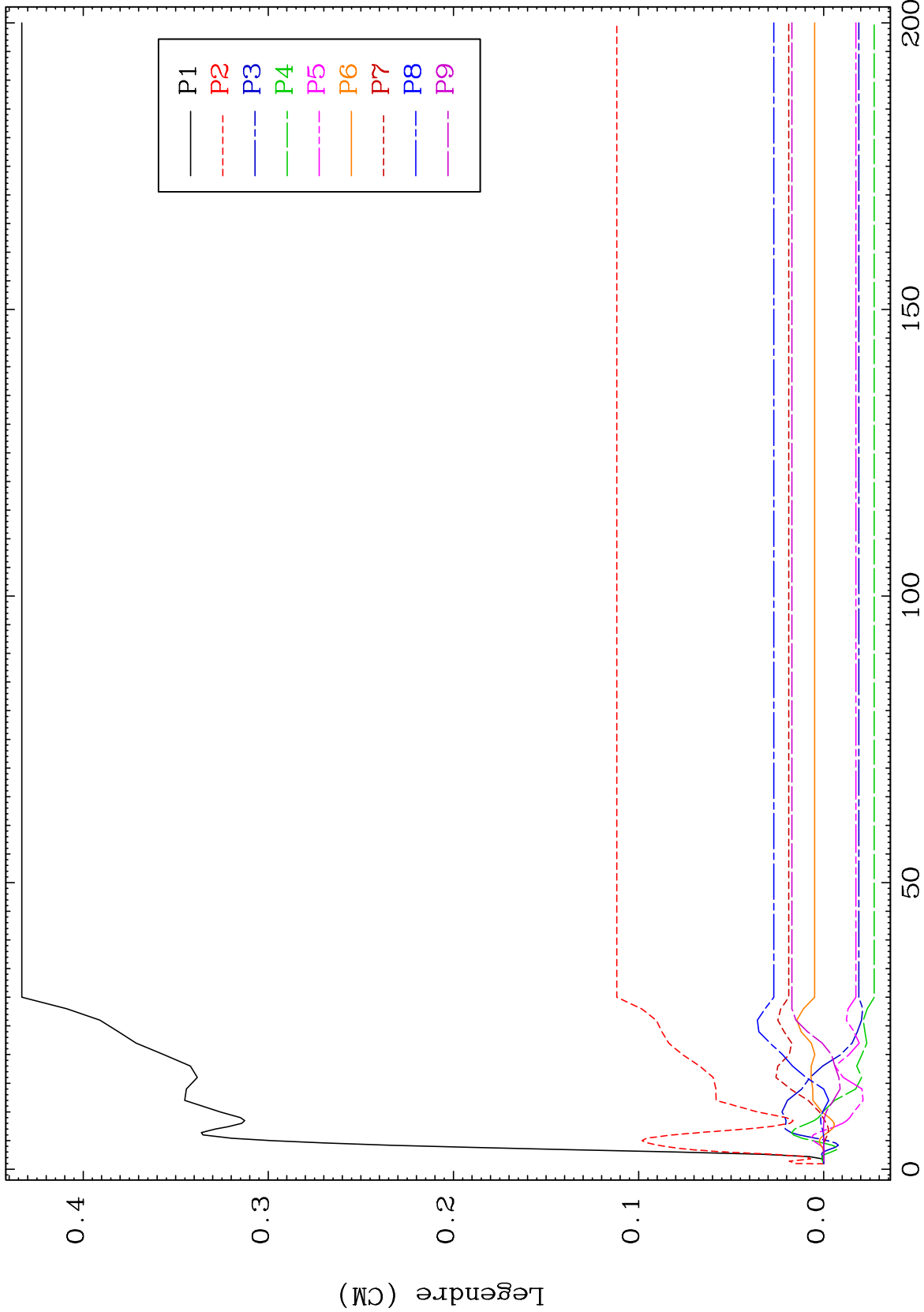
59-Pr-146



71

Incident Energy (MeV)

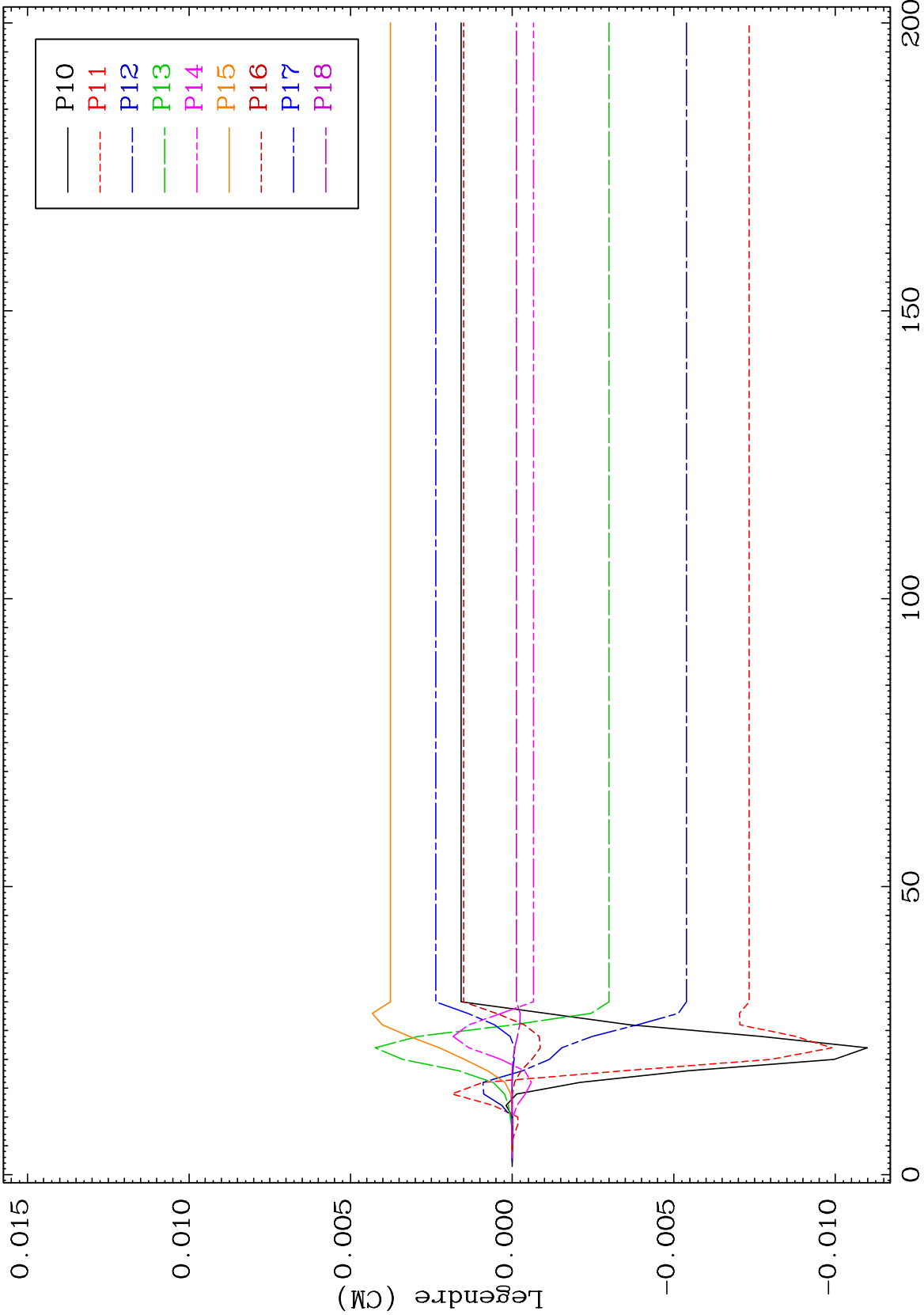
59-Pr-146



MAT 5940

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

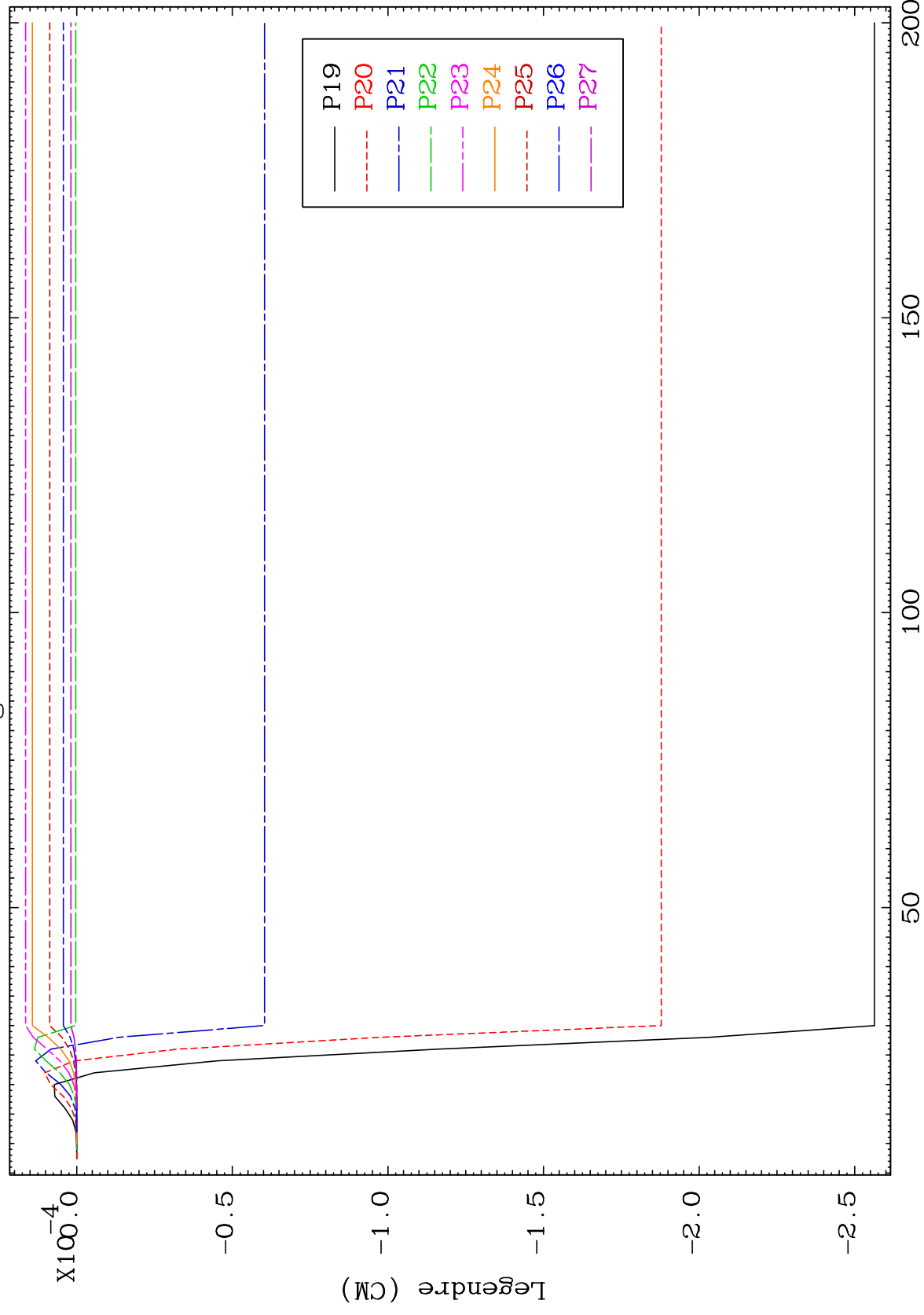
59-Pr-146



73

Incident Energy (MeV)

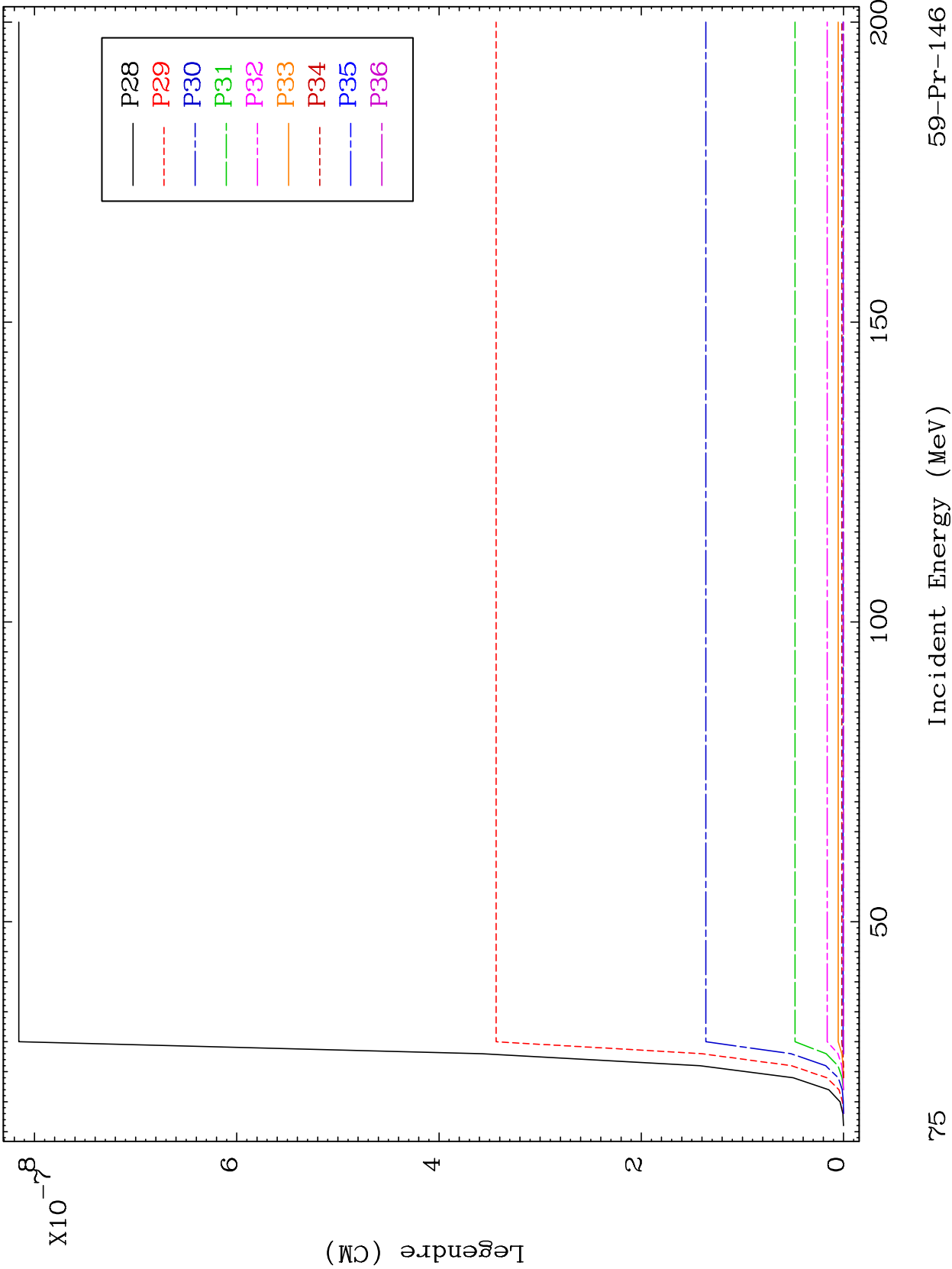
59-Pr-146



MAT 5940

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

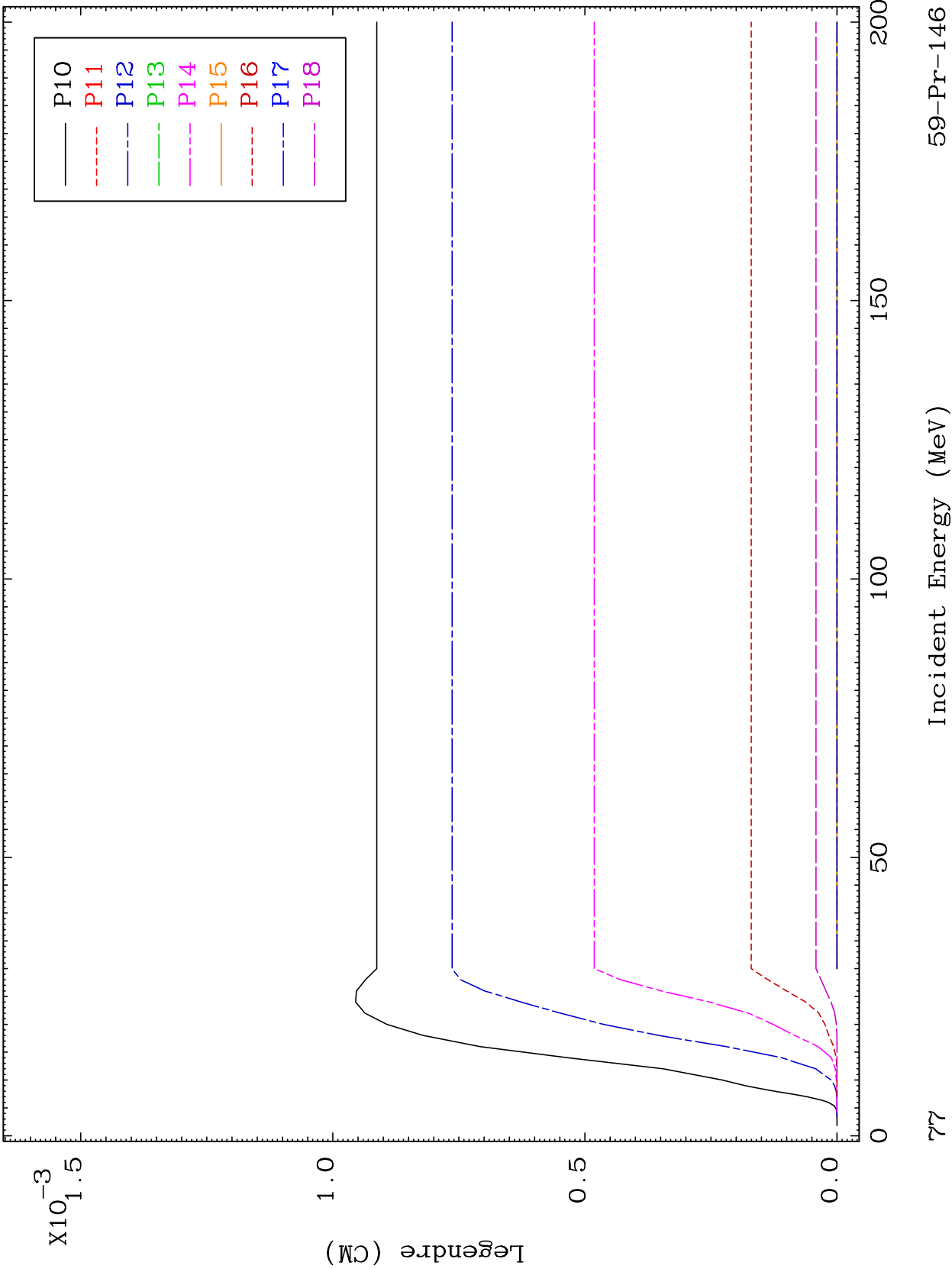
59-Pr-146

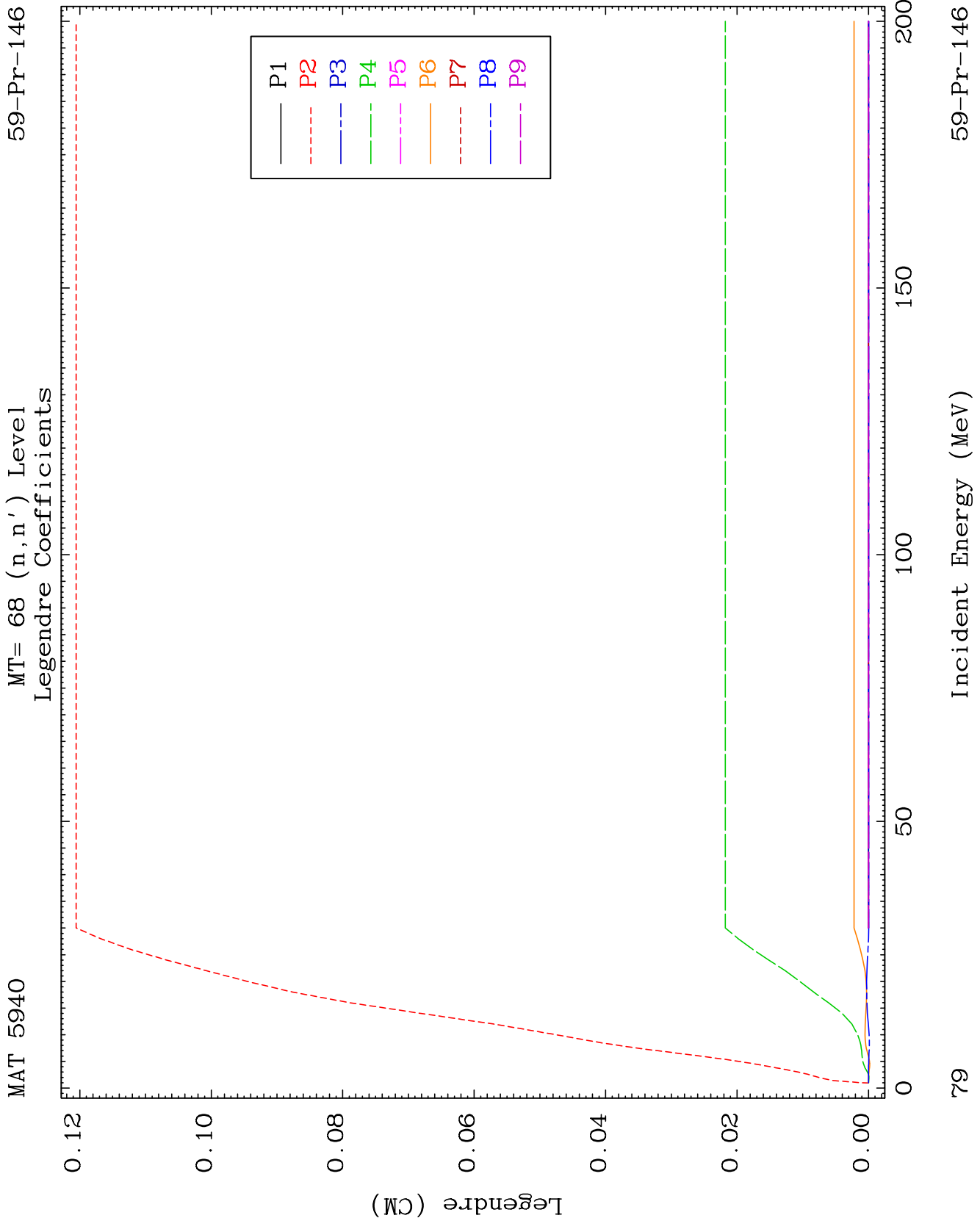


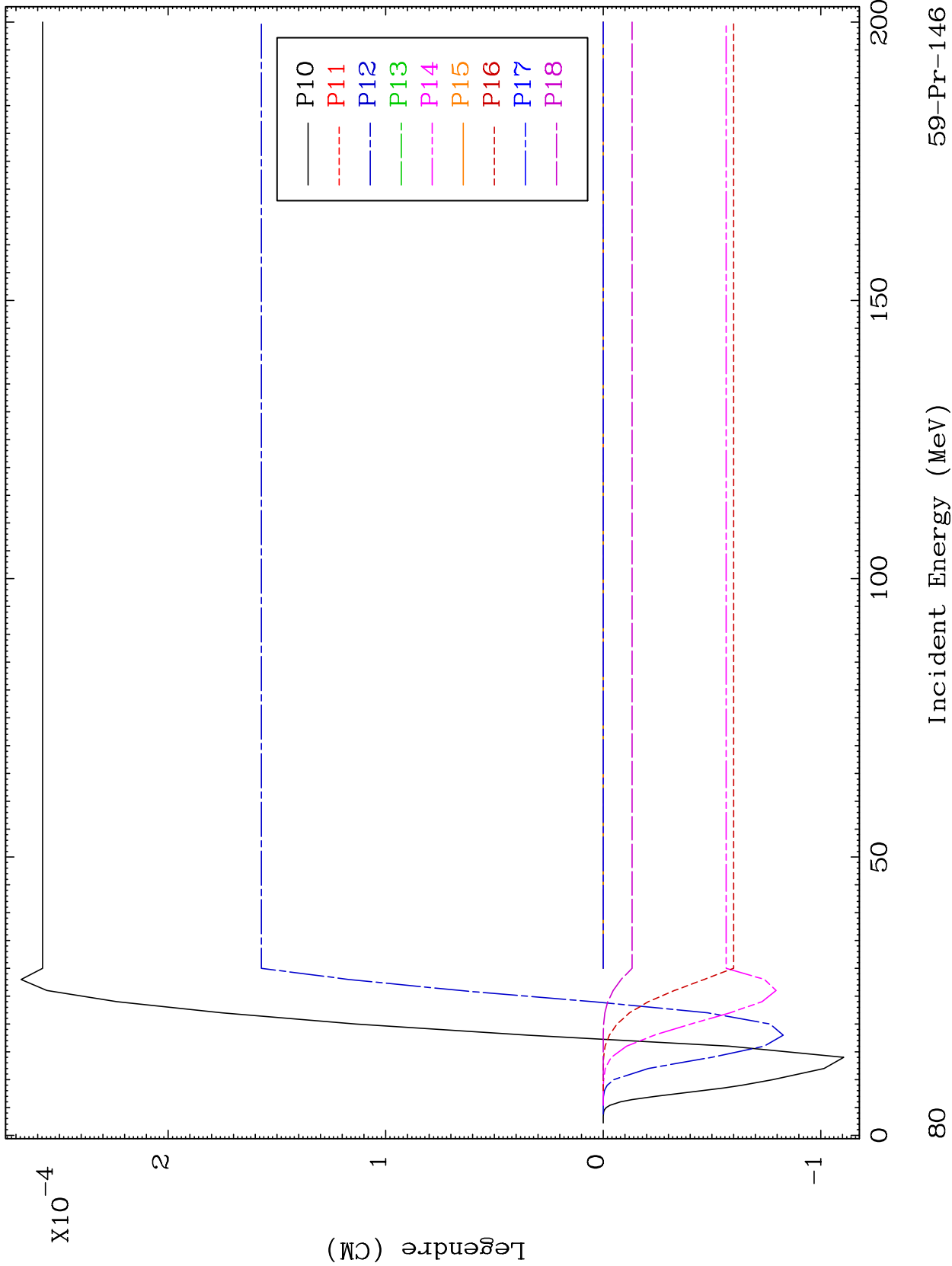
59-Pr-146

Incident Energy (MeV)

75



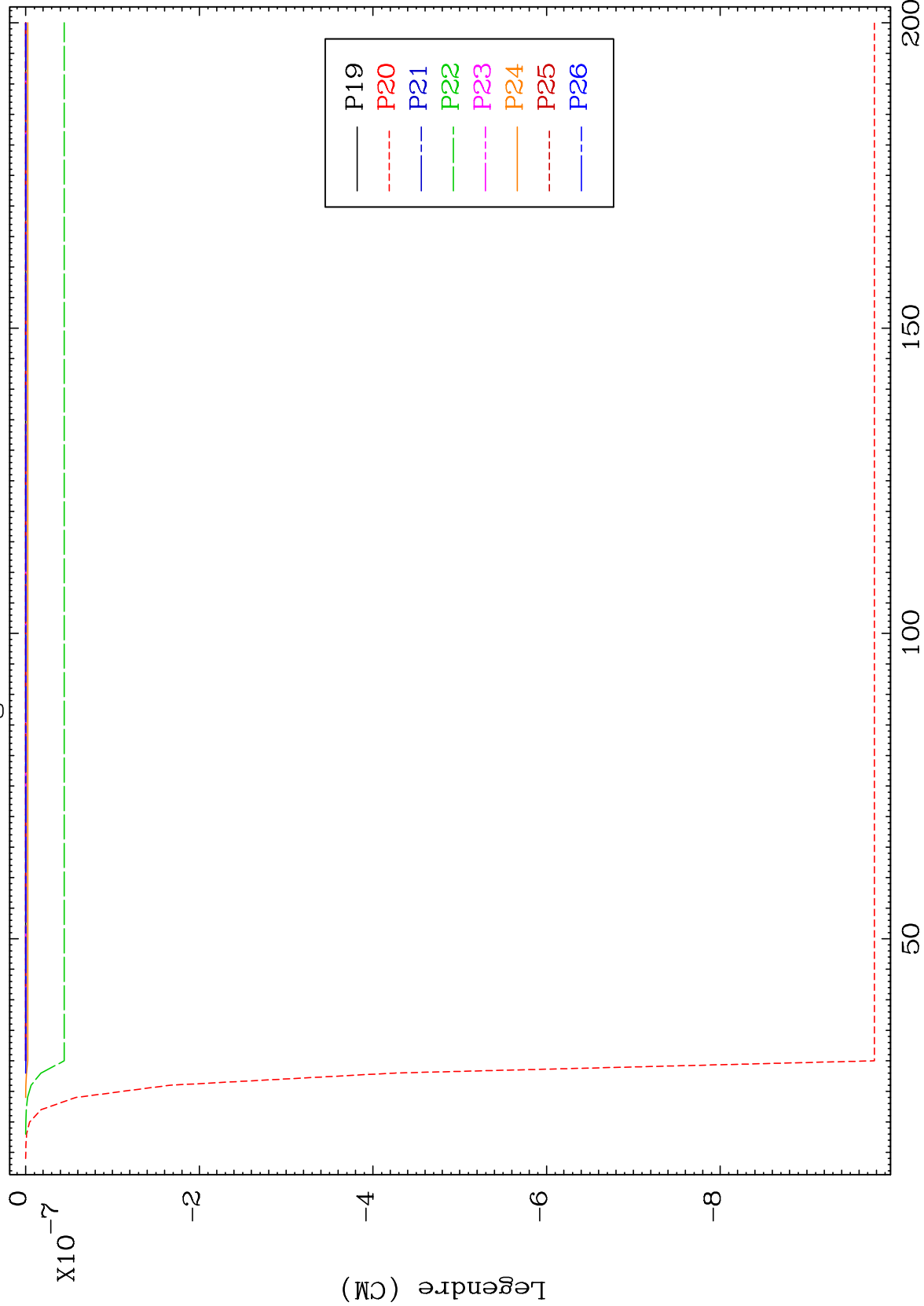




MAT 5940

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

59-Pr-146



59-Pr-146

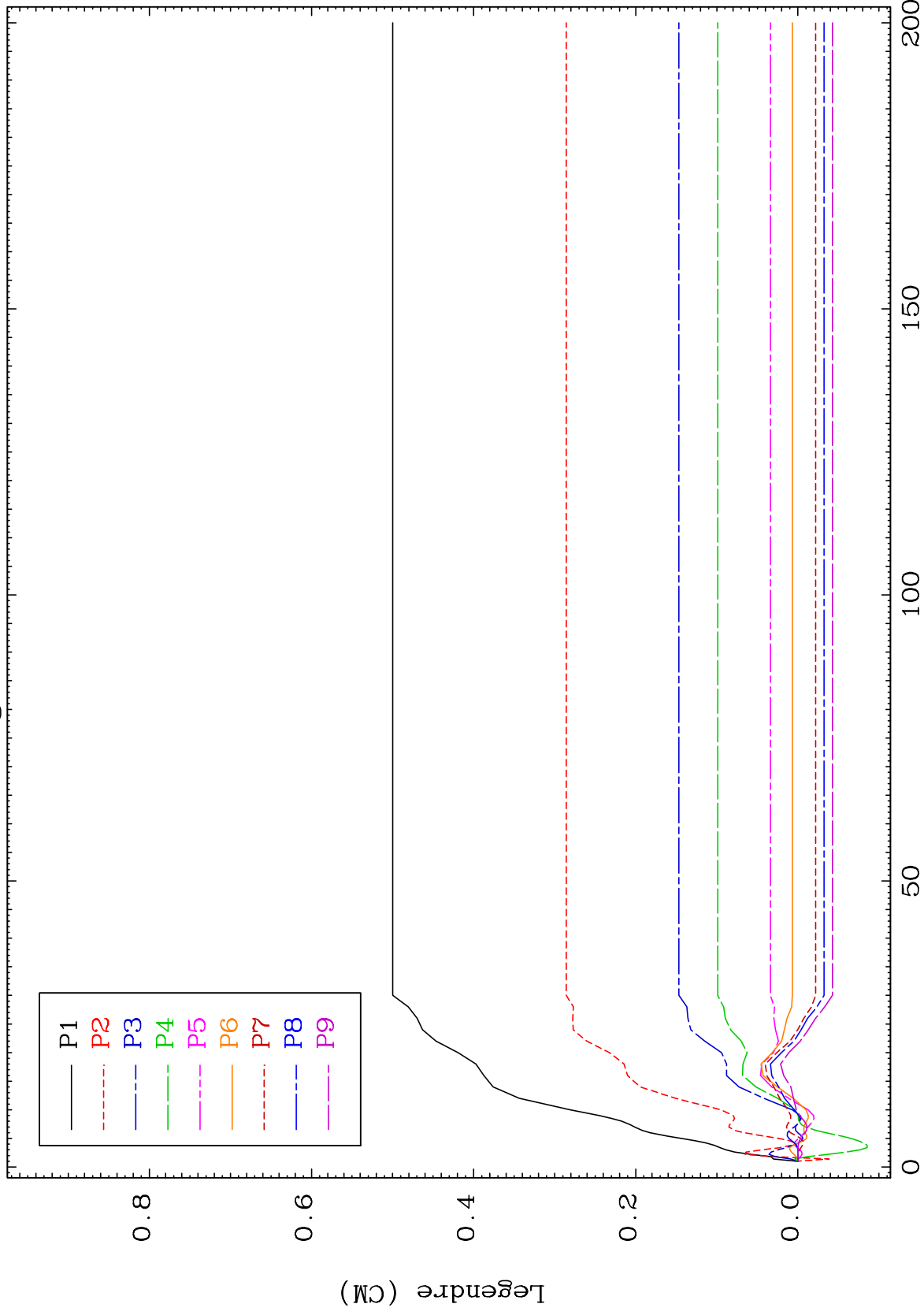
Incident Energy (MeV)

81

MAT 5940

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

59-Pr-146



82

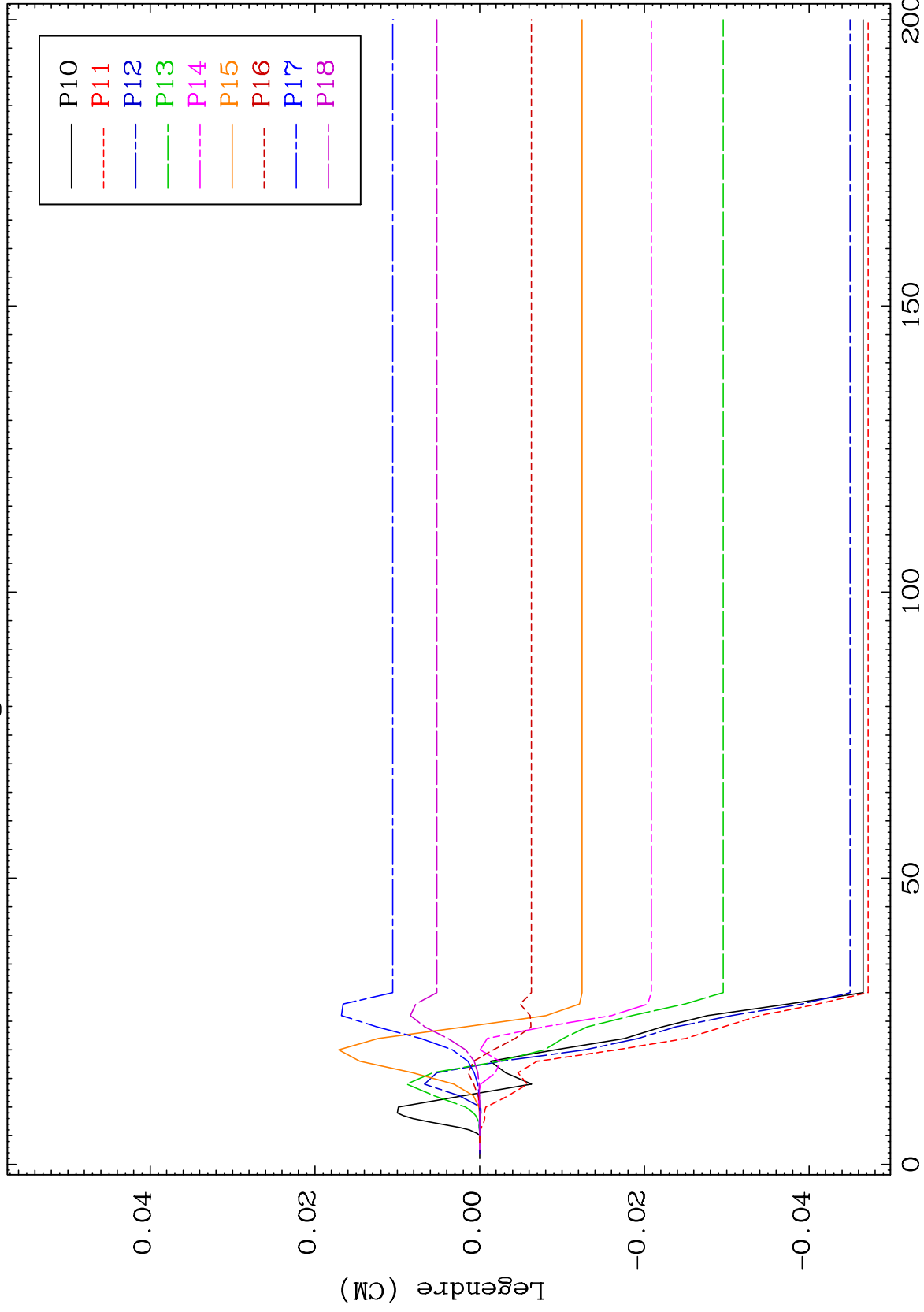
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

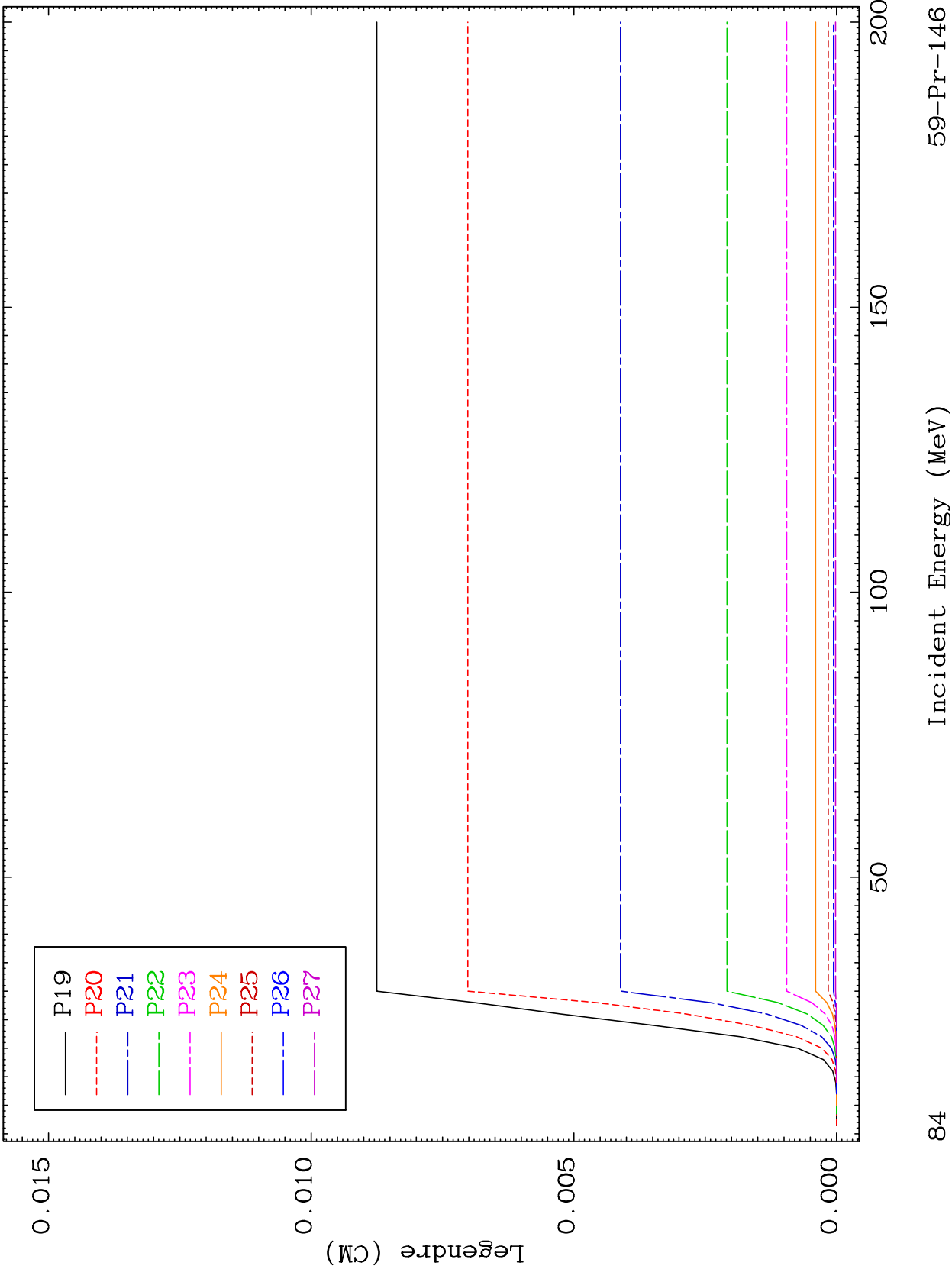
59-Pr-146



83

Incident Energy (MeV)

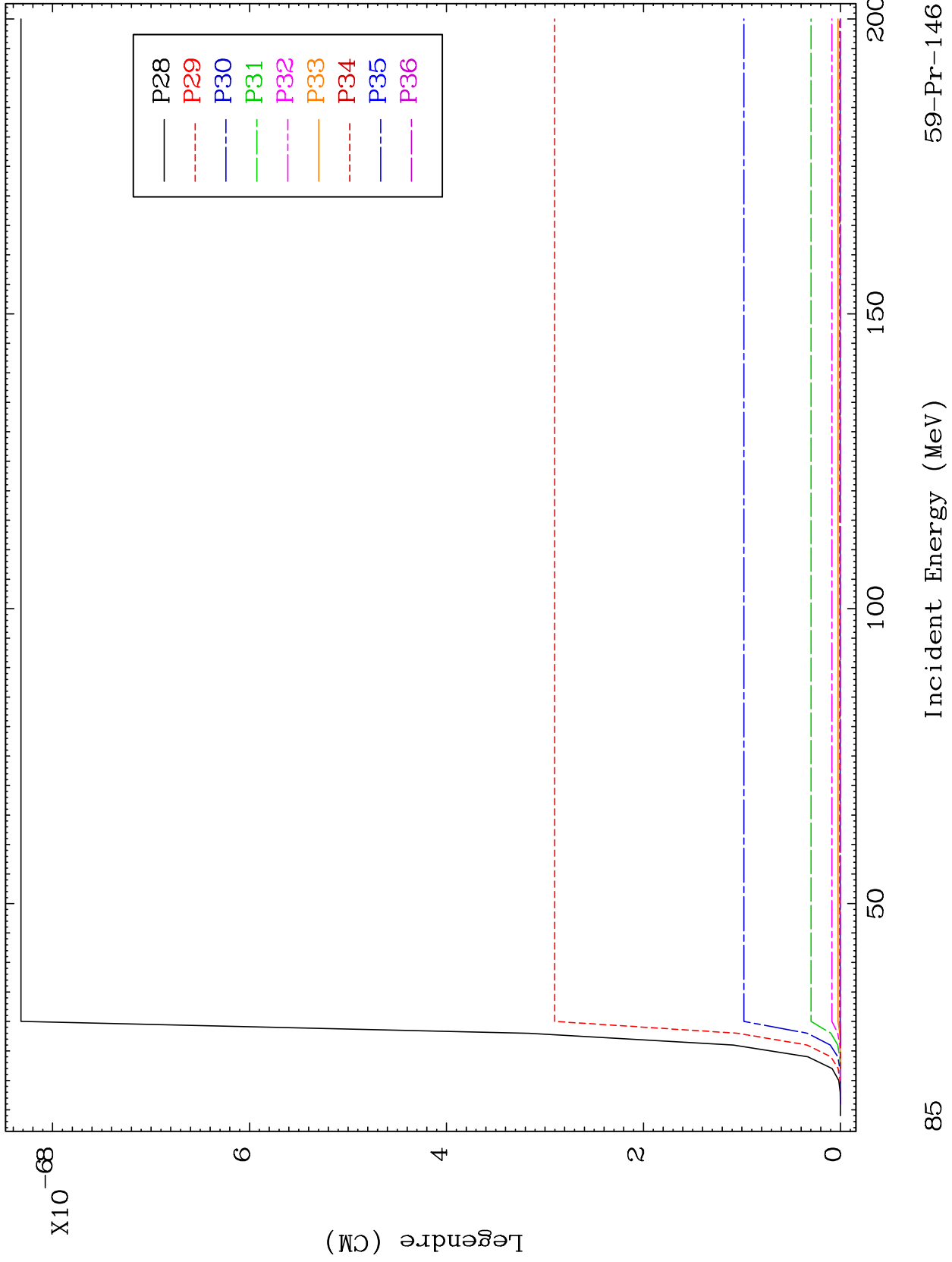
59-Pr-146



MAT 5940

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

59-Pr-146



85

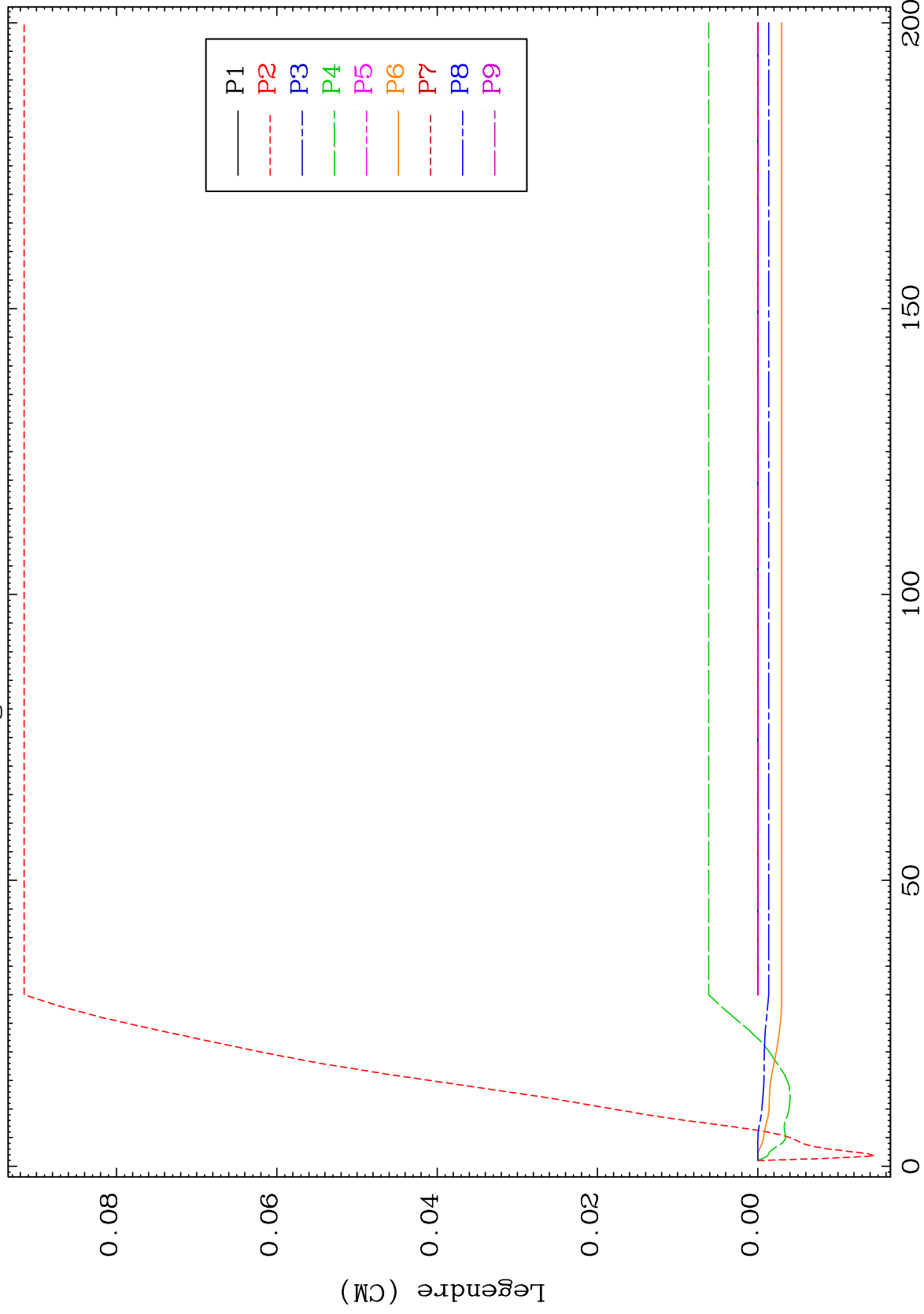
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



86

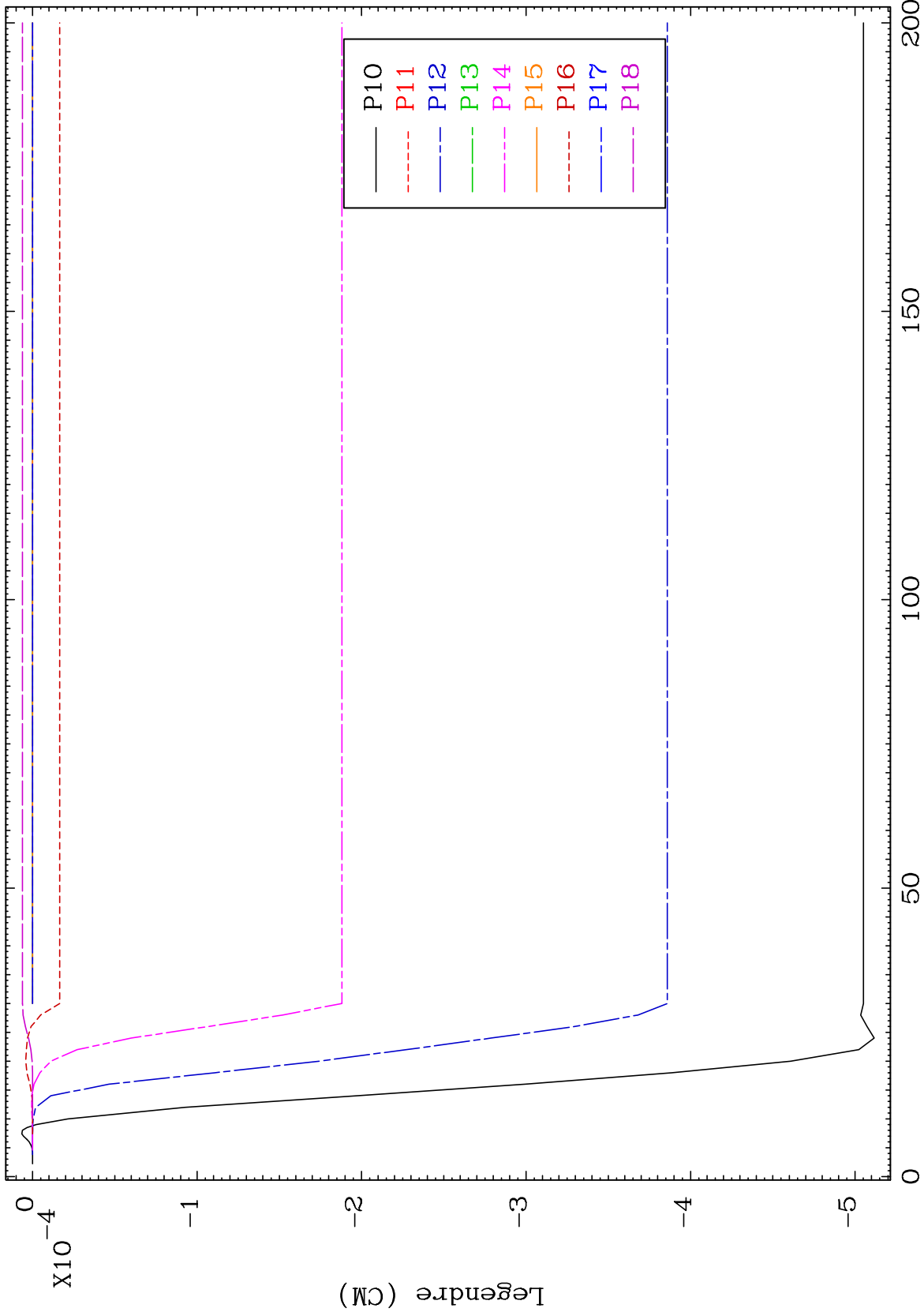
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



87

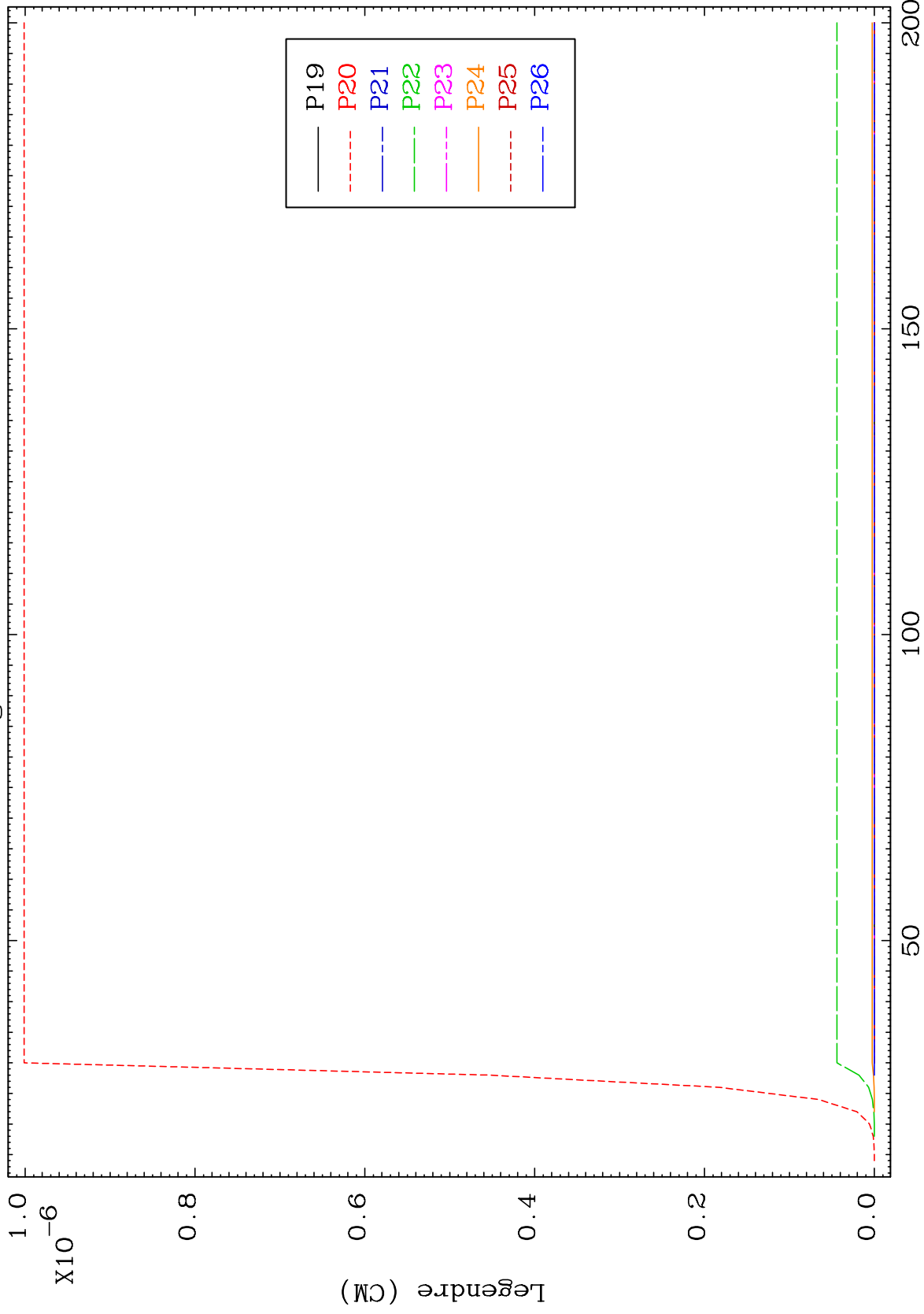
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



88

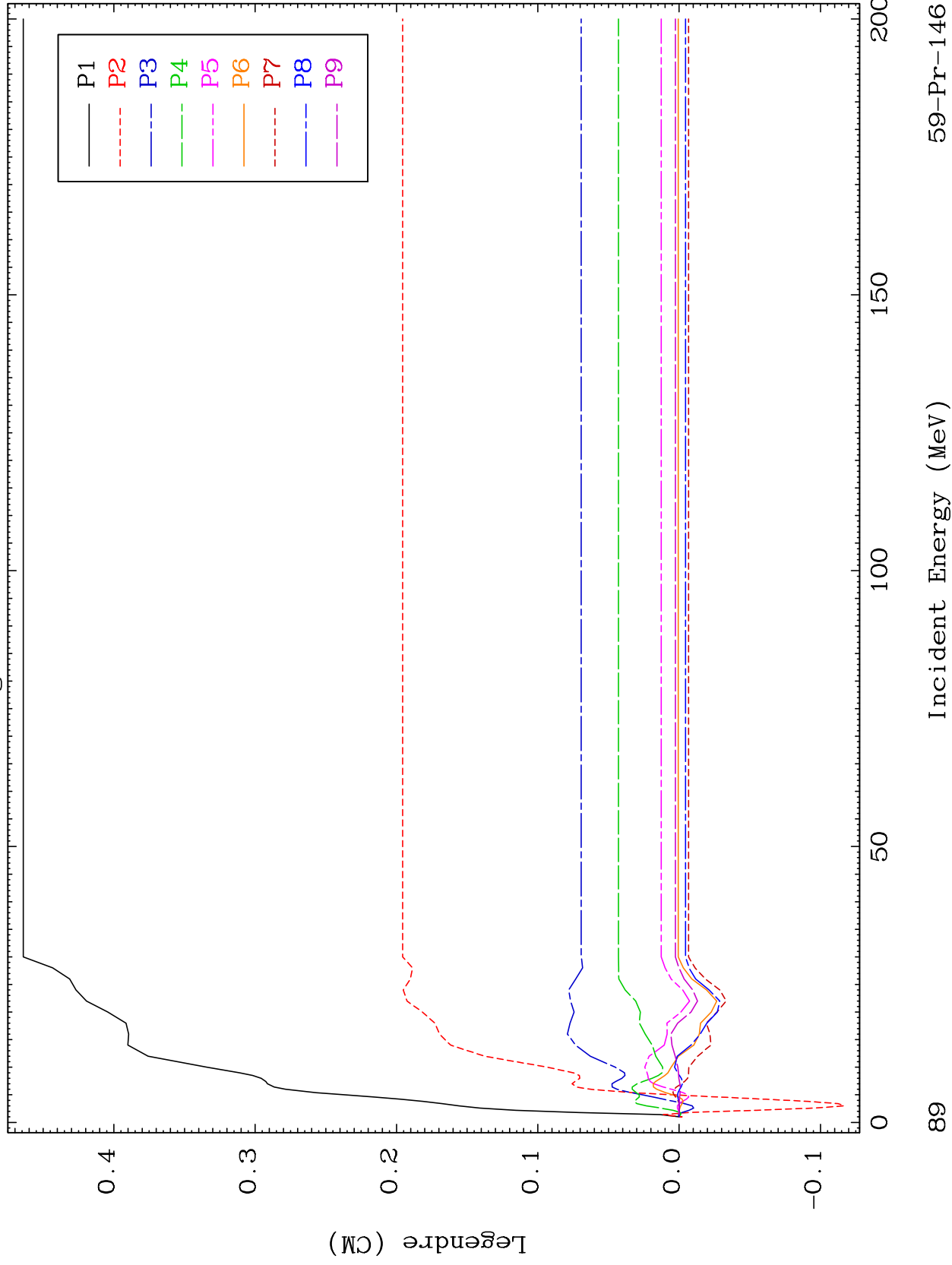
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

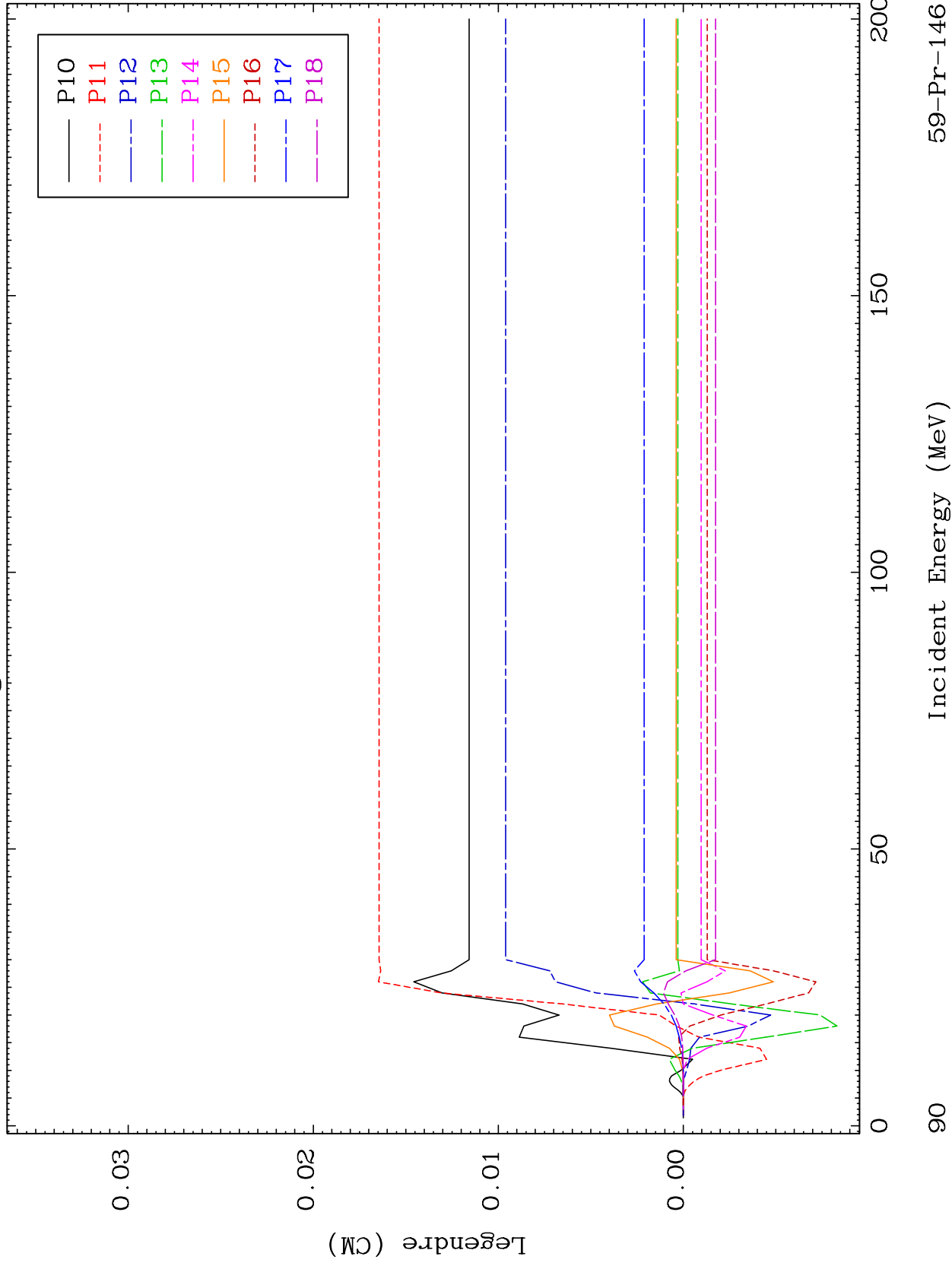
Incident Energy (MeV)

89

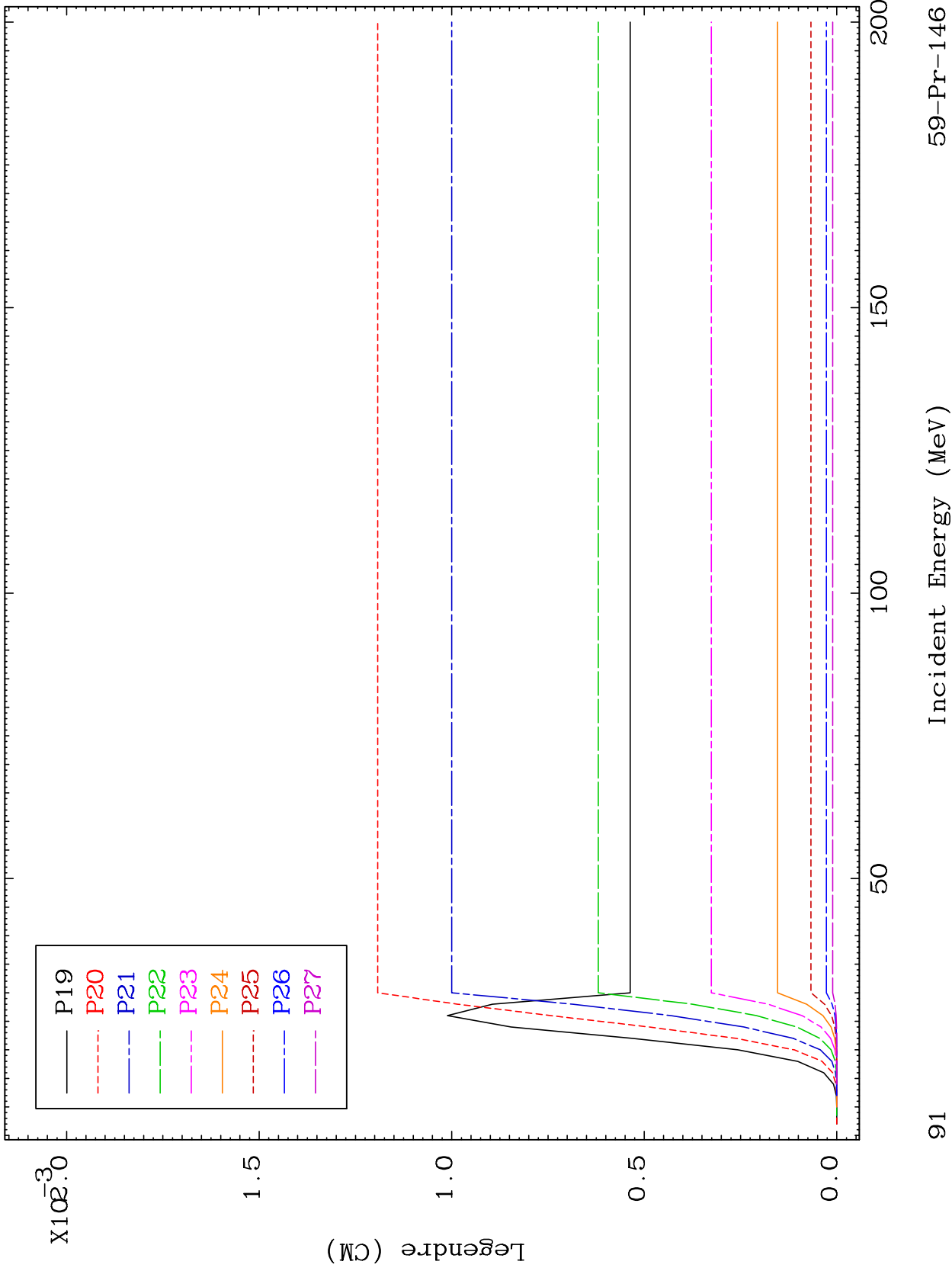
MAT 5940

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

59-Pr-146



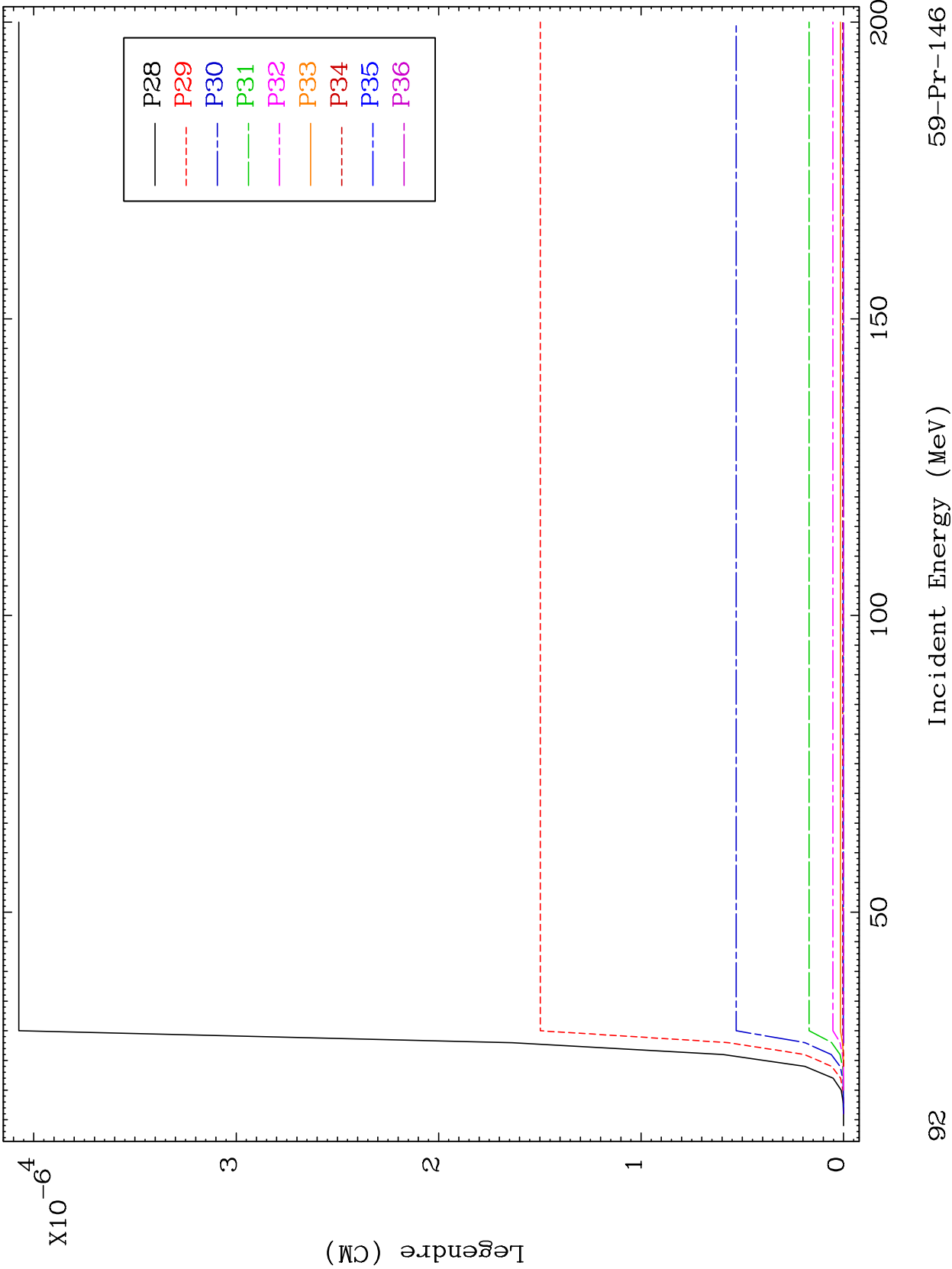
59-Pr-146



MAT 5940

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

59-Pr-146



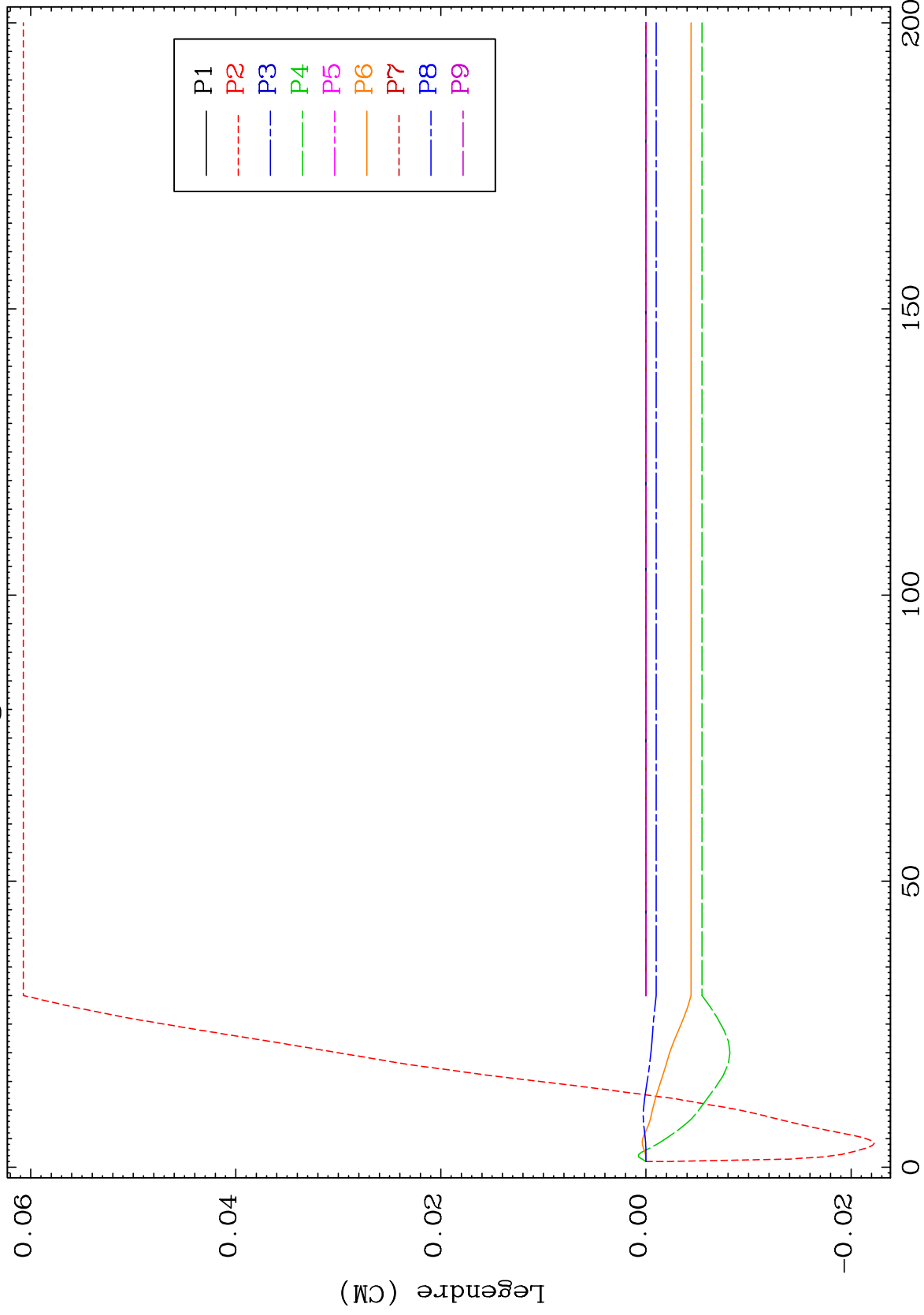
92

59-Pr-146

MAT 5940

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

59-Pr-146



93

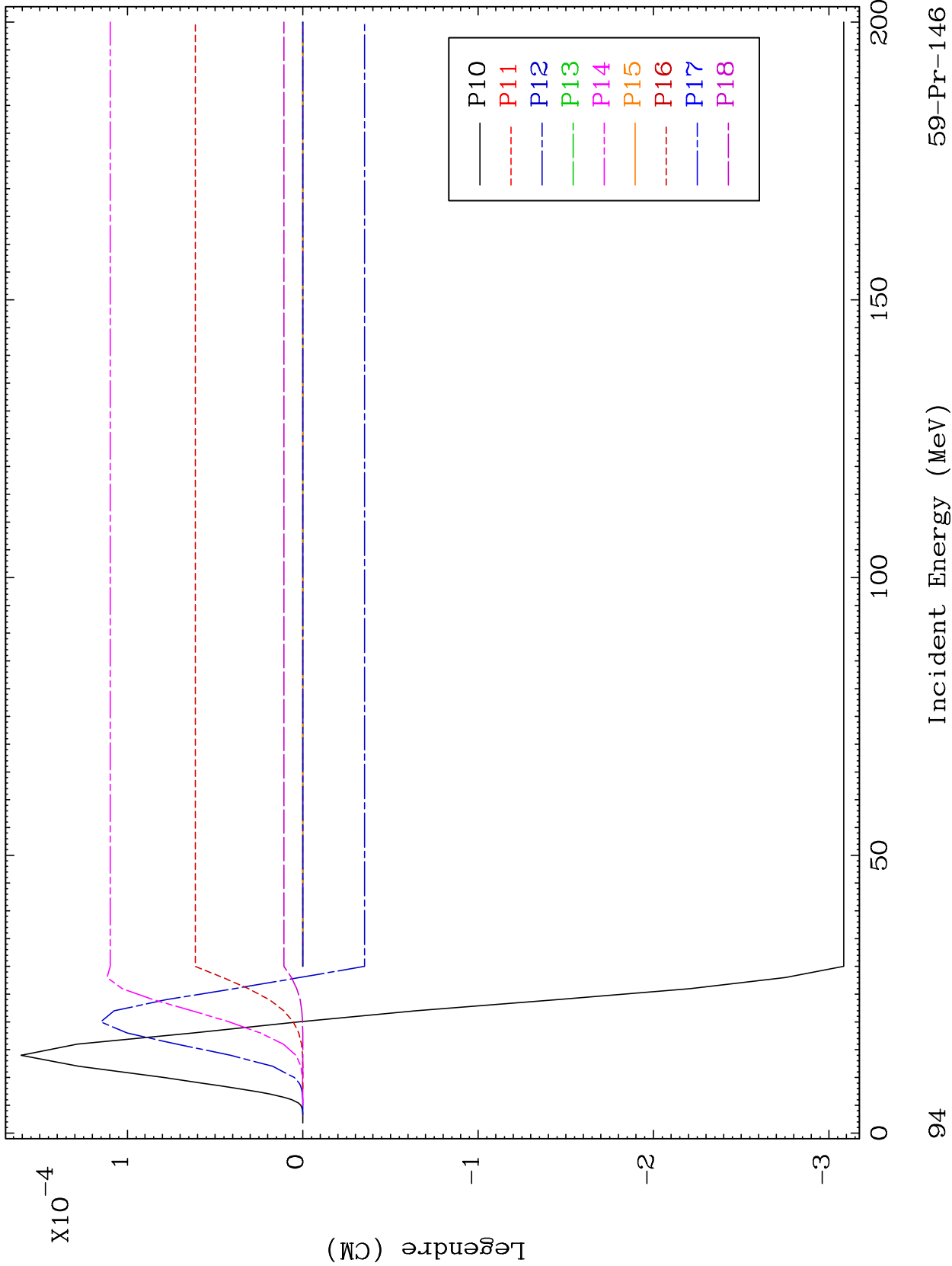
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

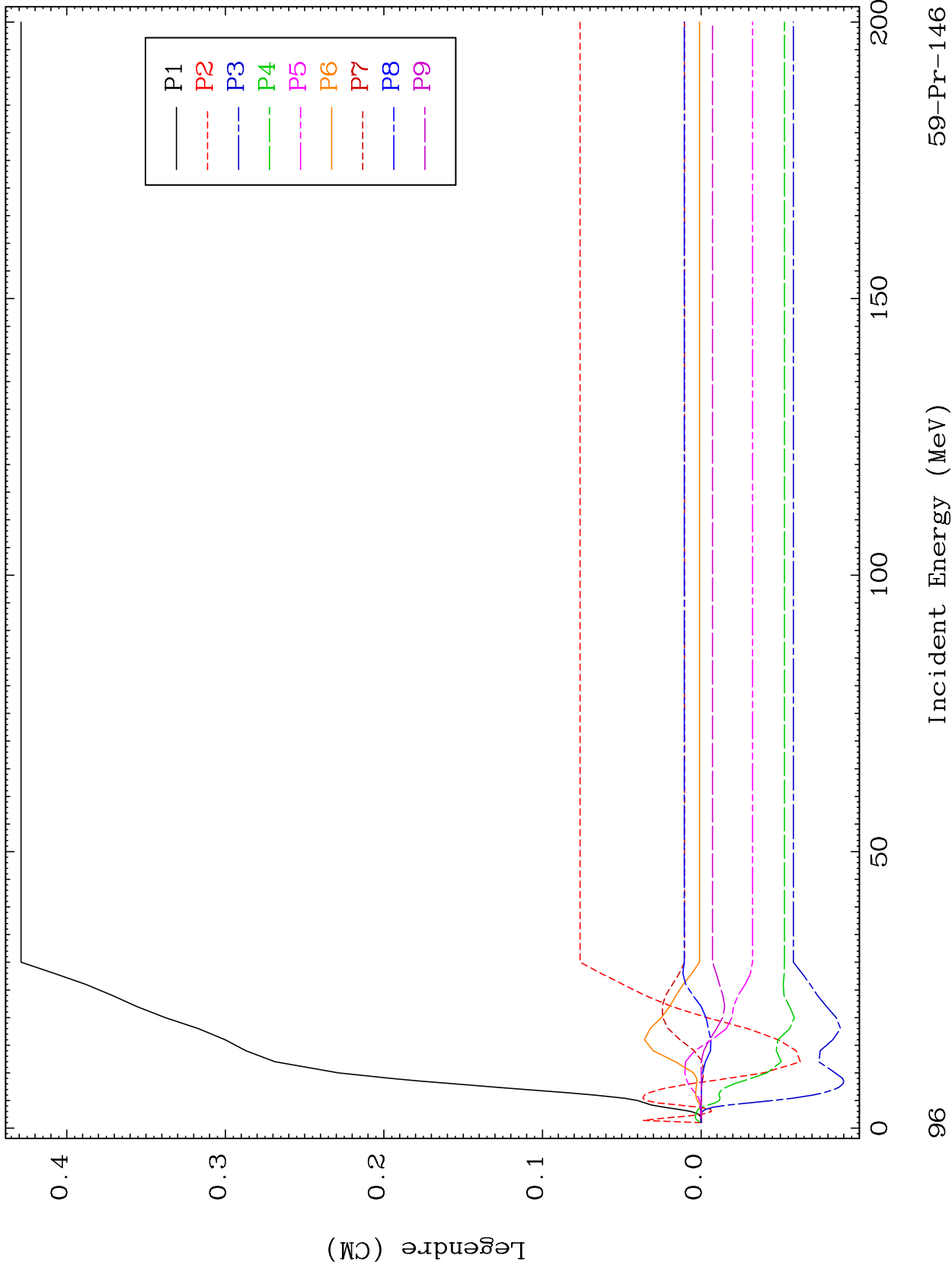
Incident Energy (MeV)

94

MAT 5940

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

59-Pr-146



59-Pr-146

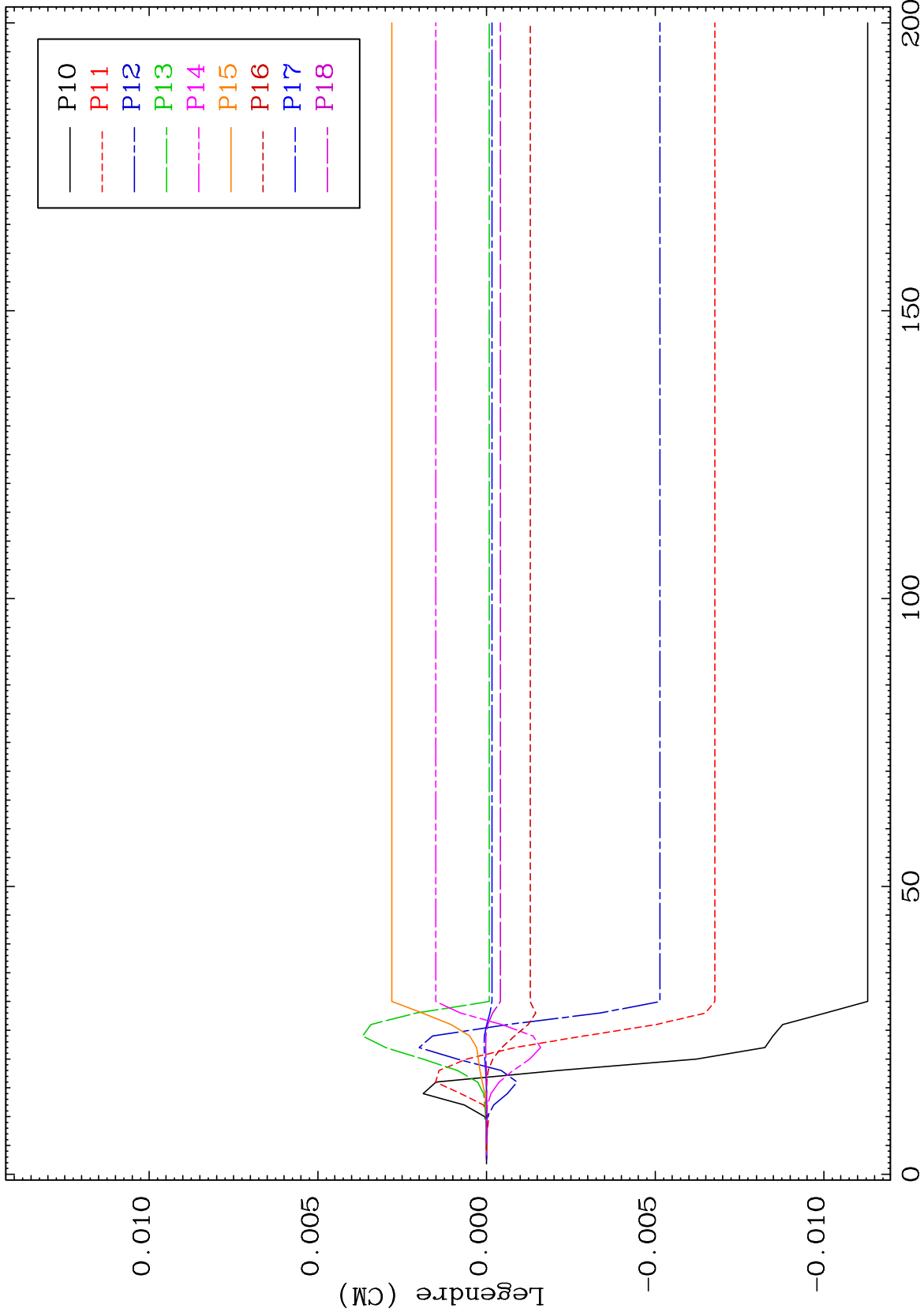
Incident Energy (MeV)

96

MAT 5940

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

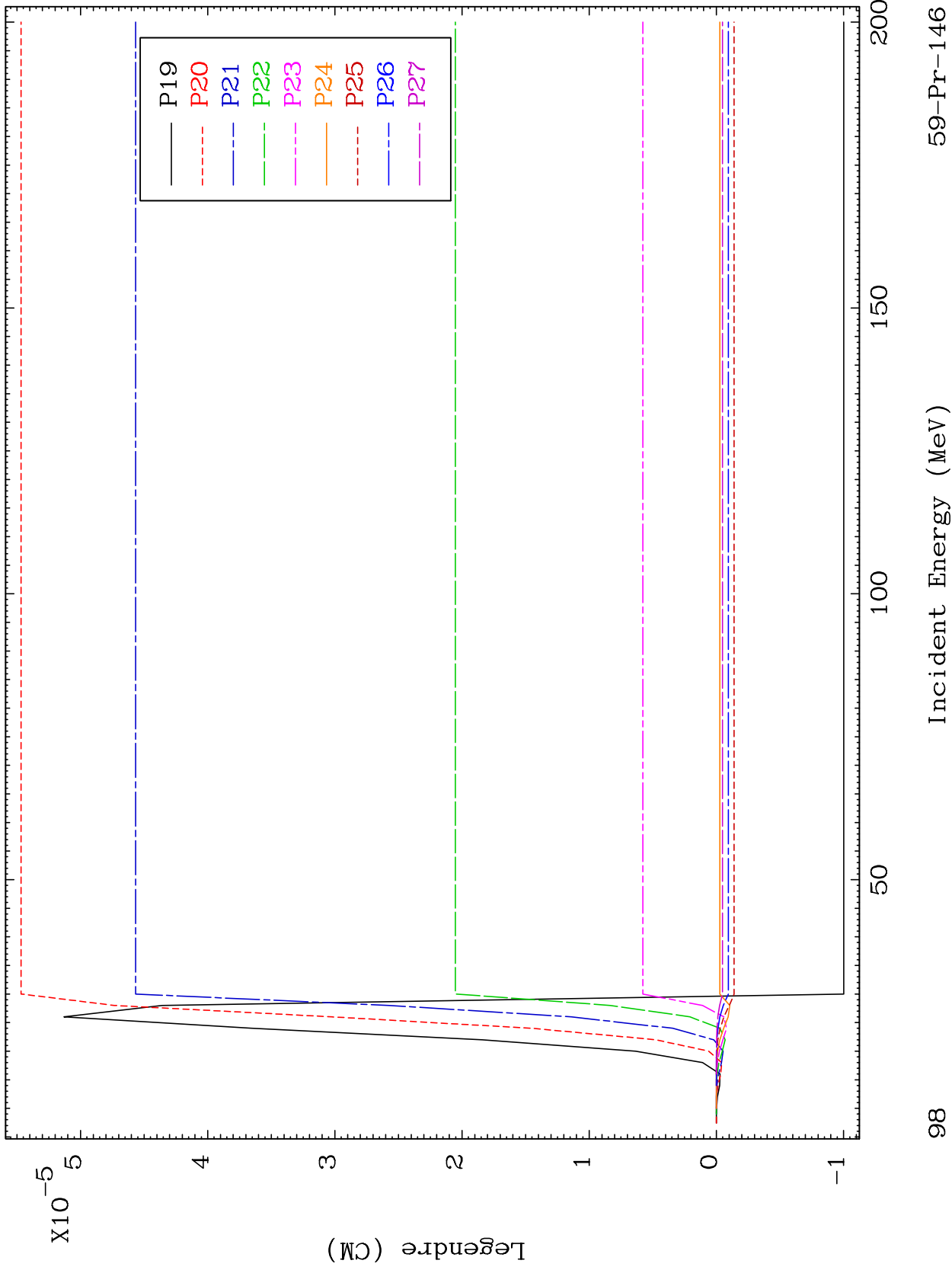
59-Pr-146



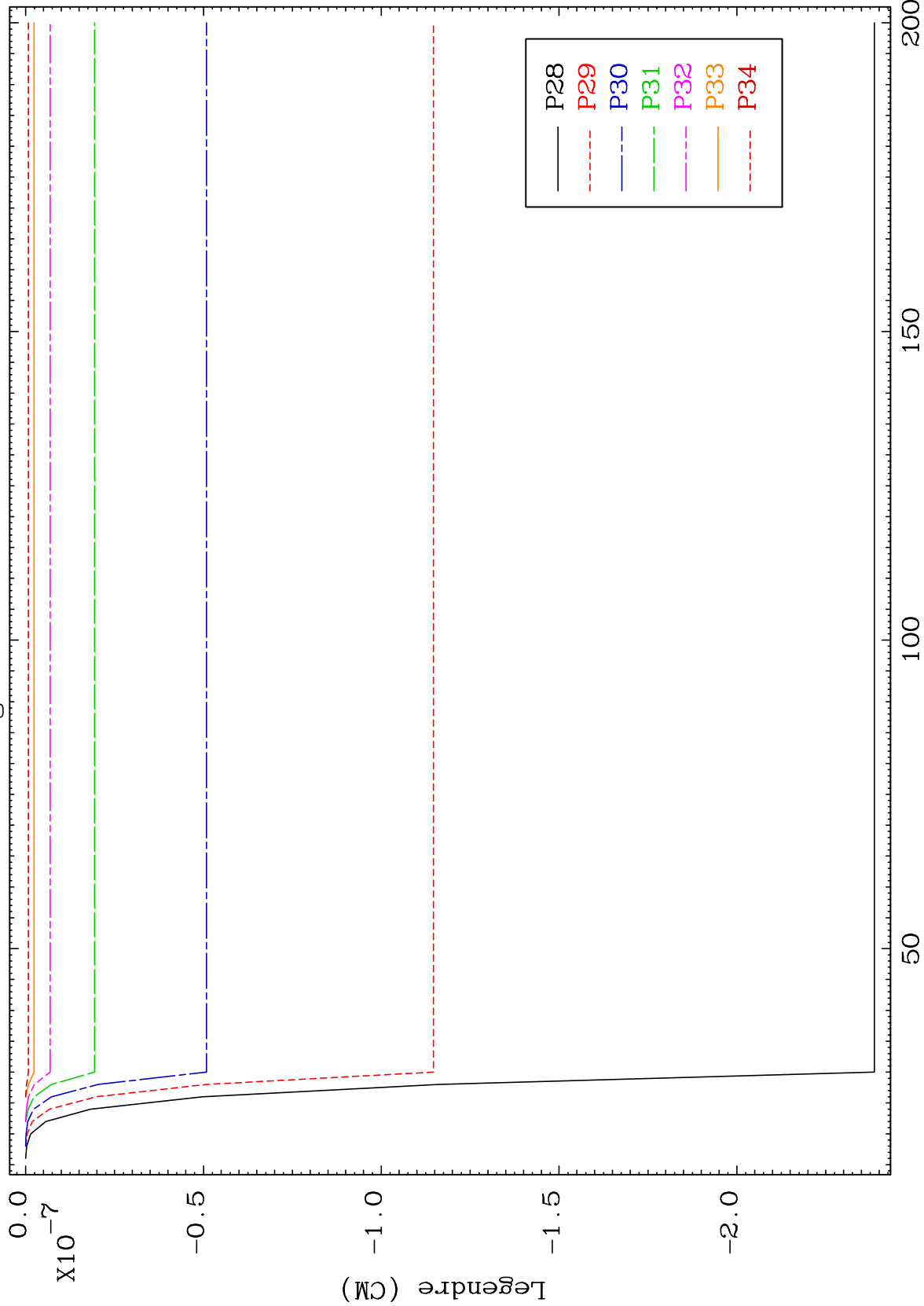
97

Incident Energy (MeV)

59-Pr-146



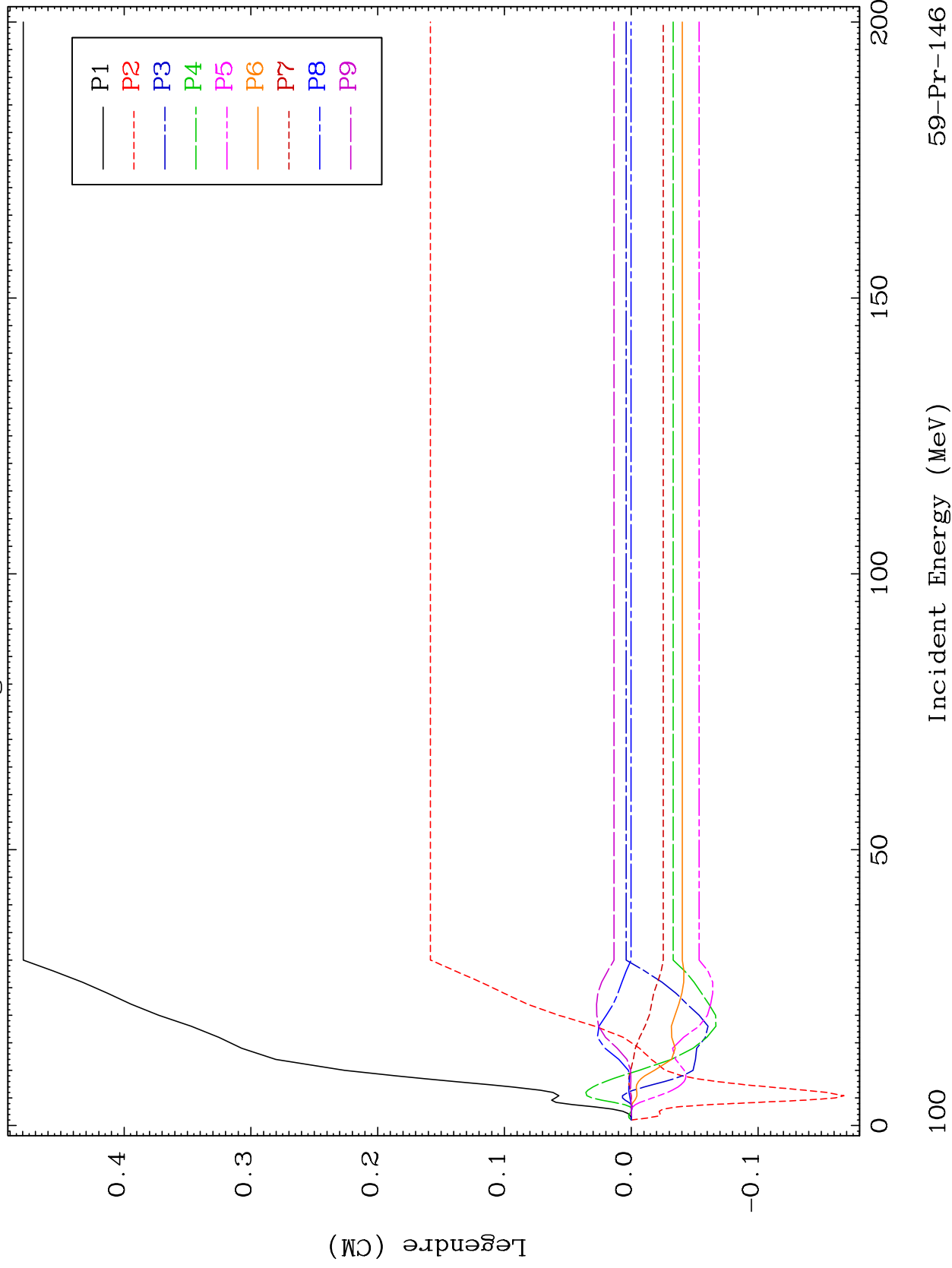
Legendre Coefficients



MAT 5940

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

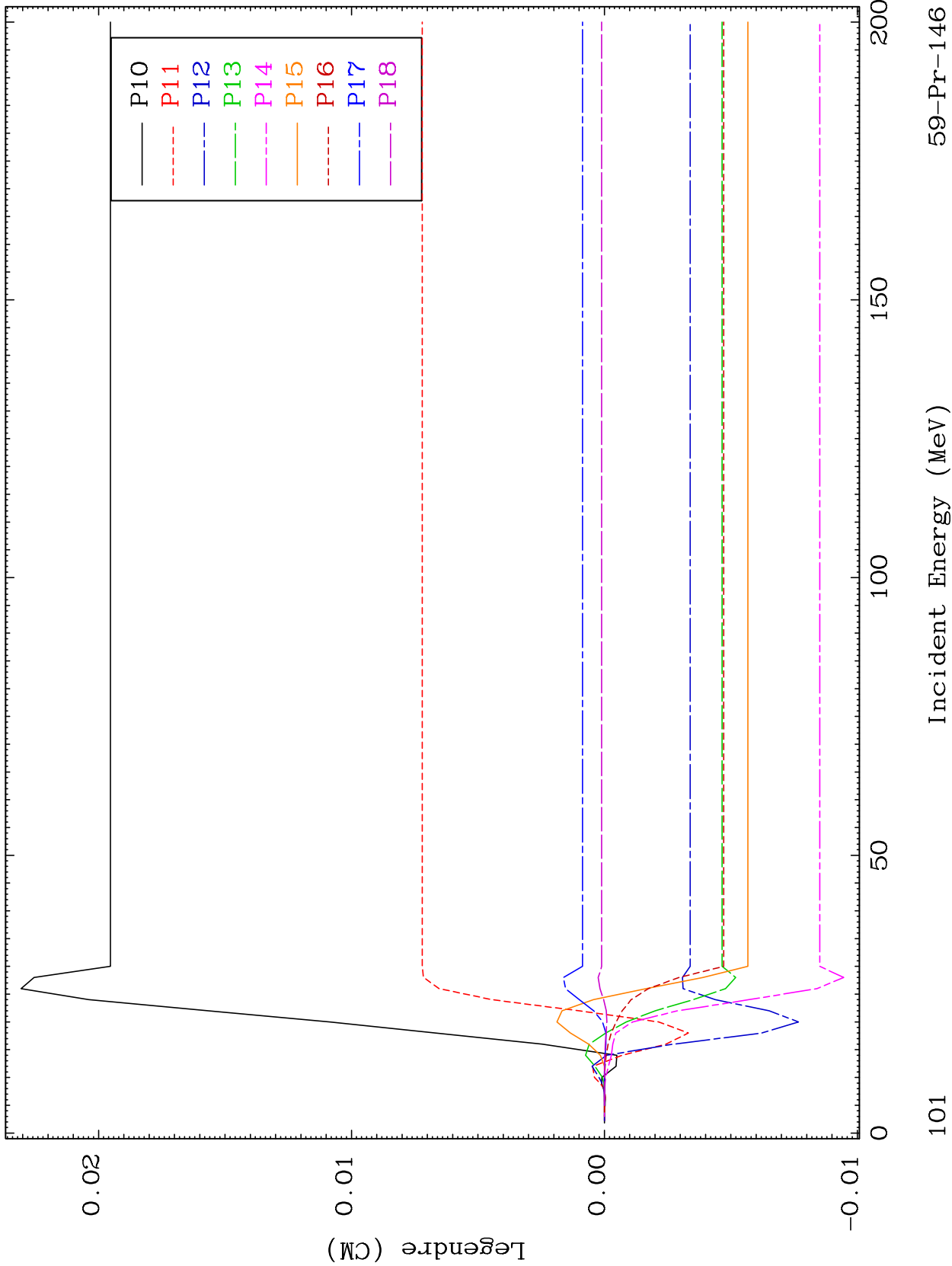
59-Pr-146



MAT 5940

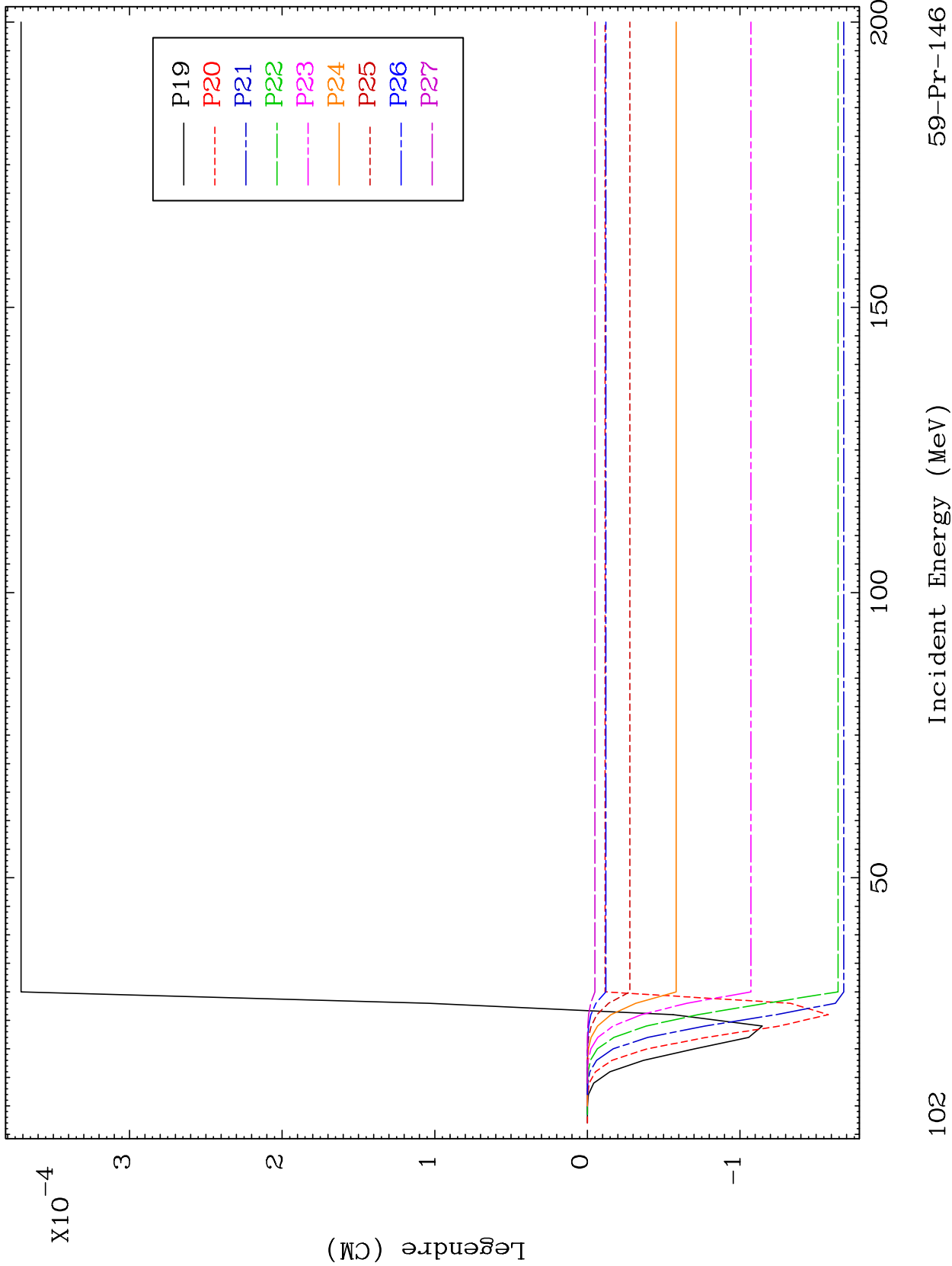
MT= 74 (n,n') Level
Legendre Coefficients

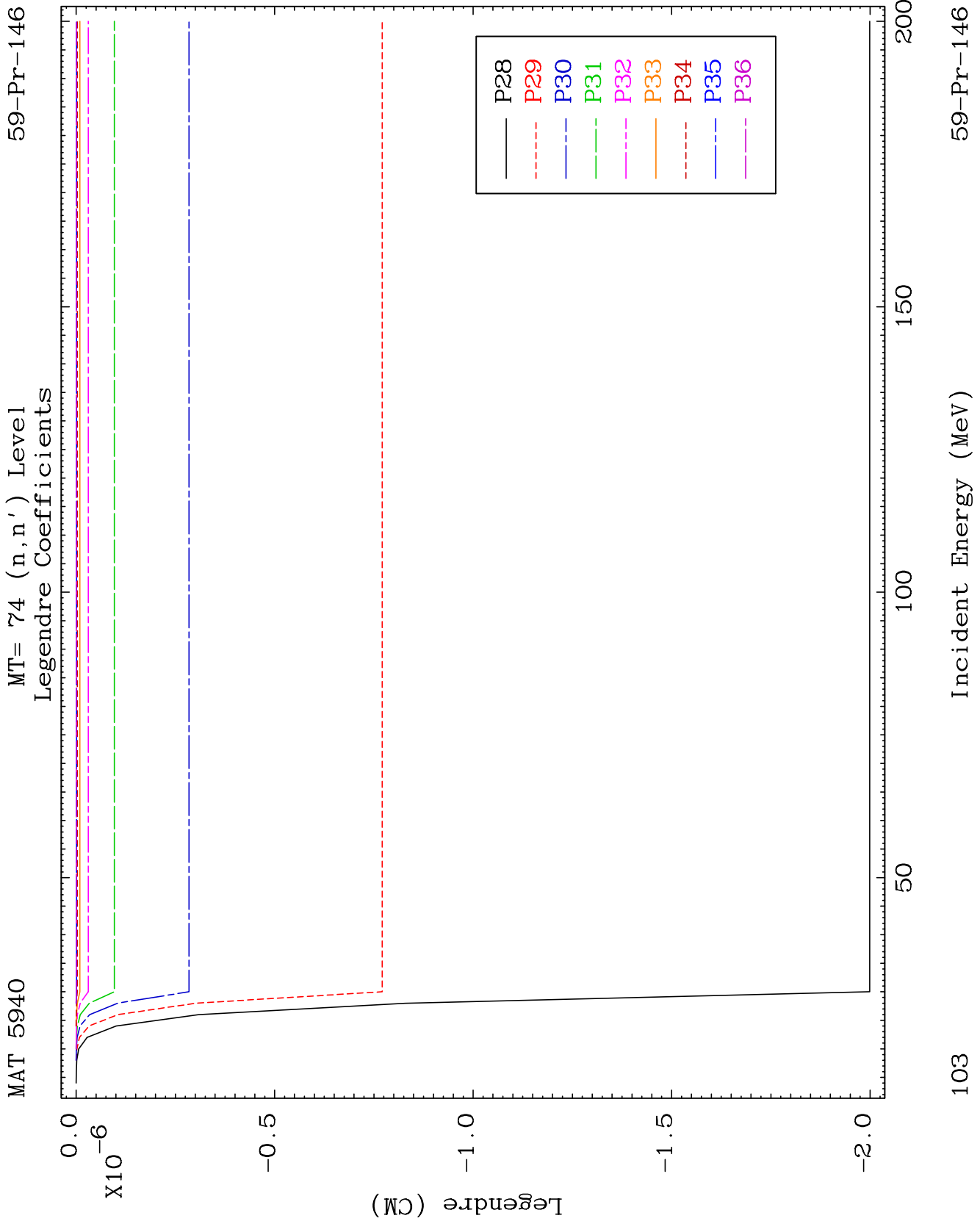
59-Pr-146



101

59-Pr-146

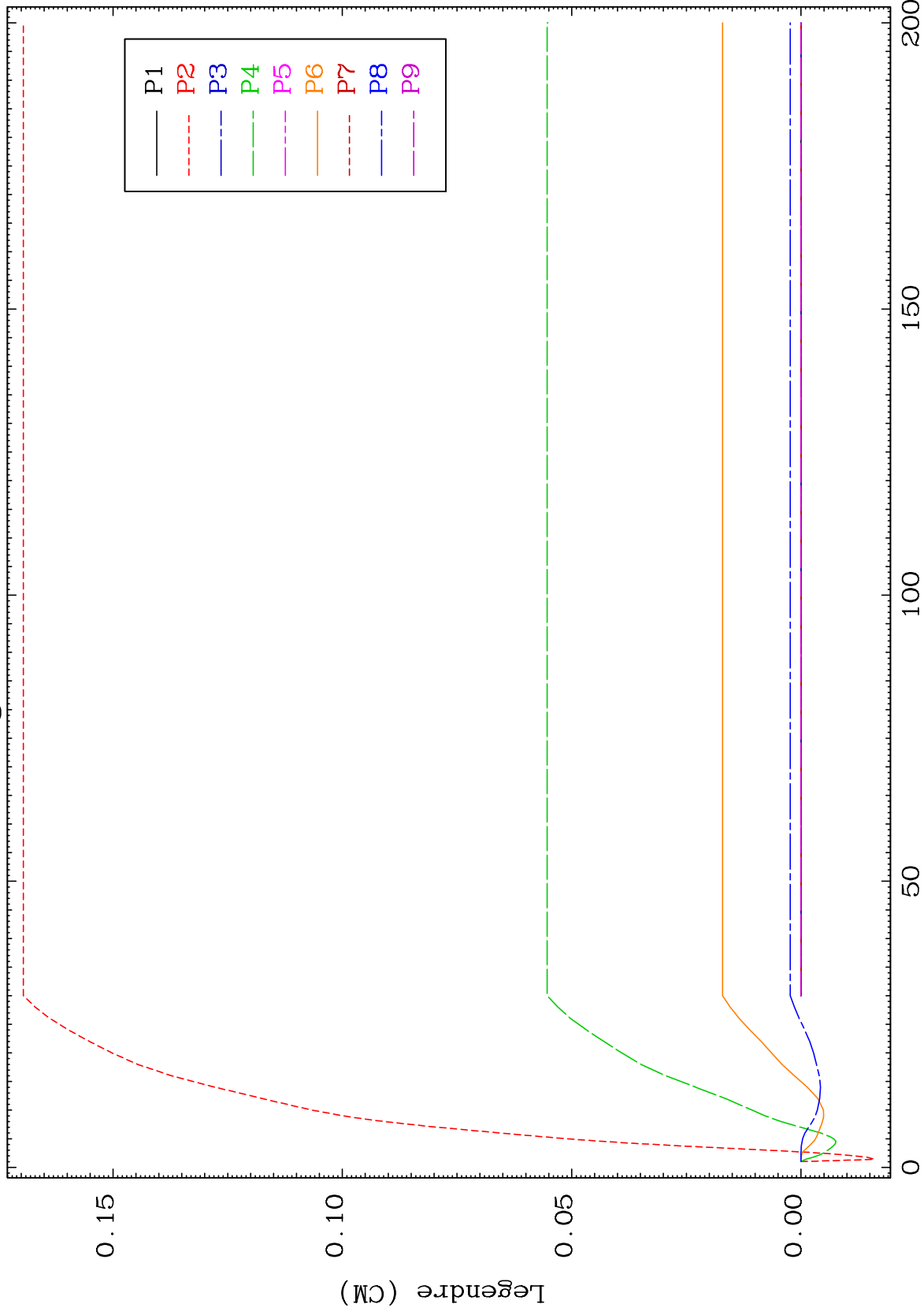




MAT 5940

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

59-Pr-146



104

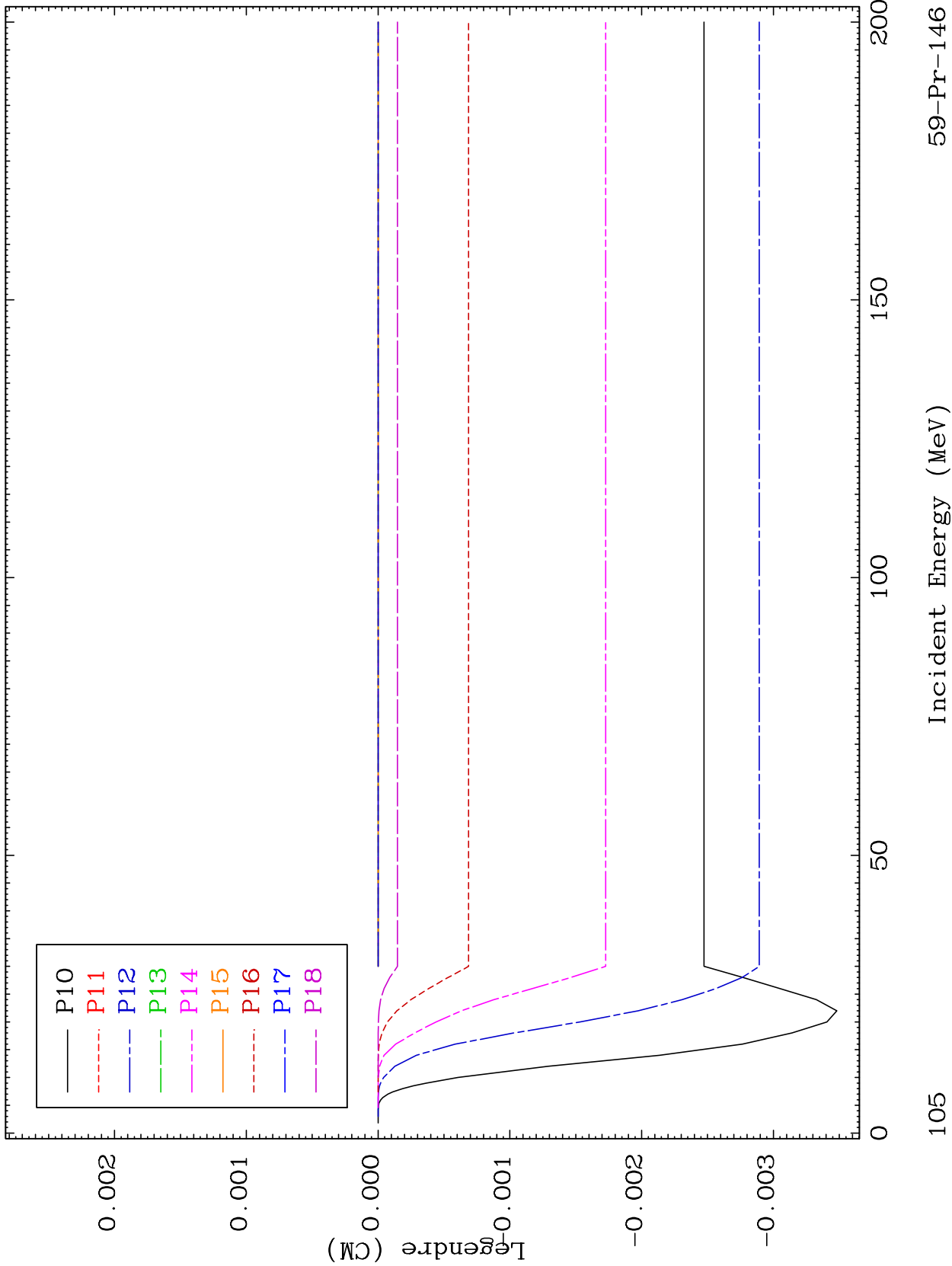
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

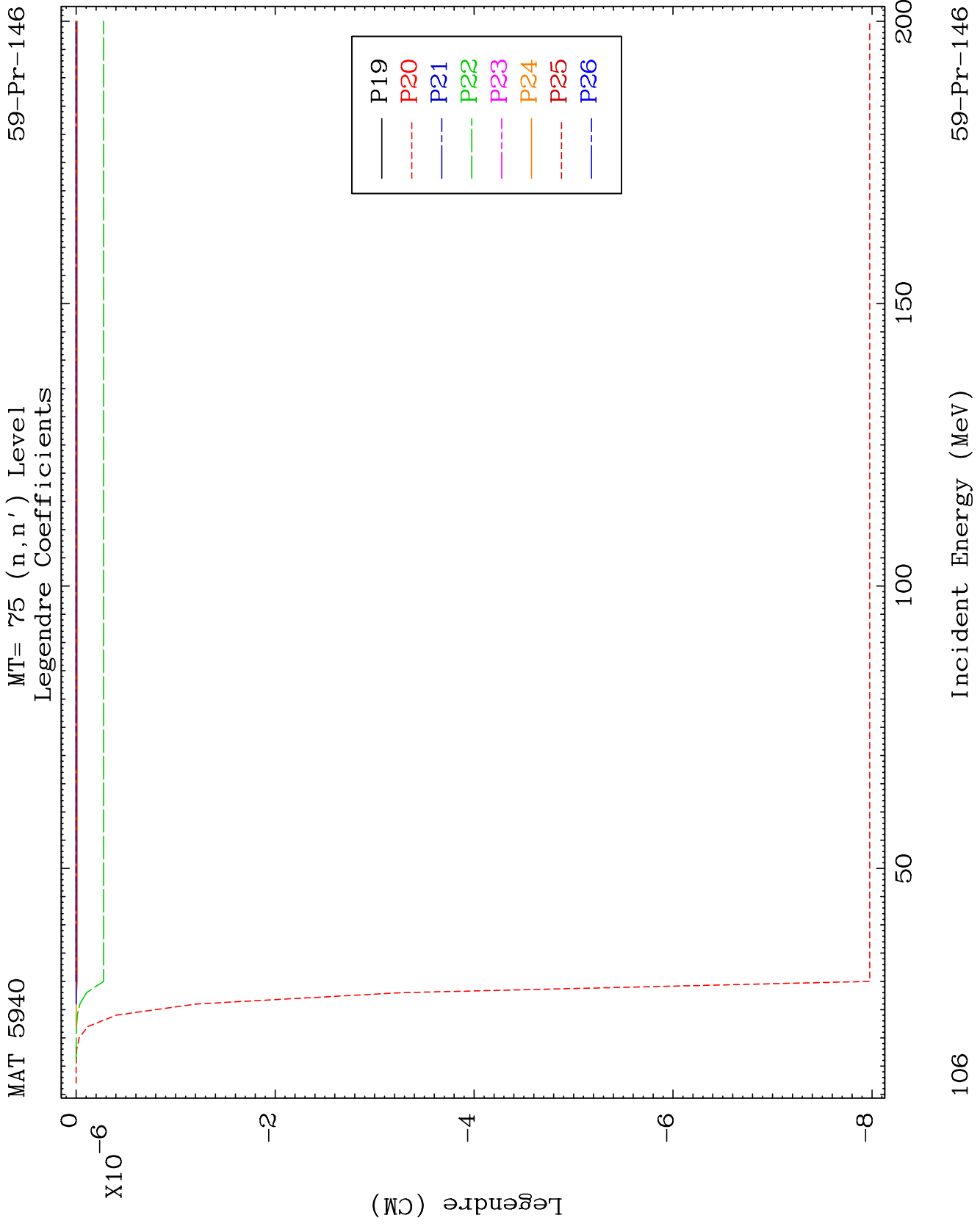
59-Pr-146



105

Incident Energy (MeV)

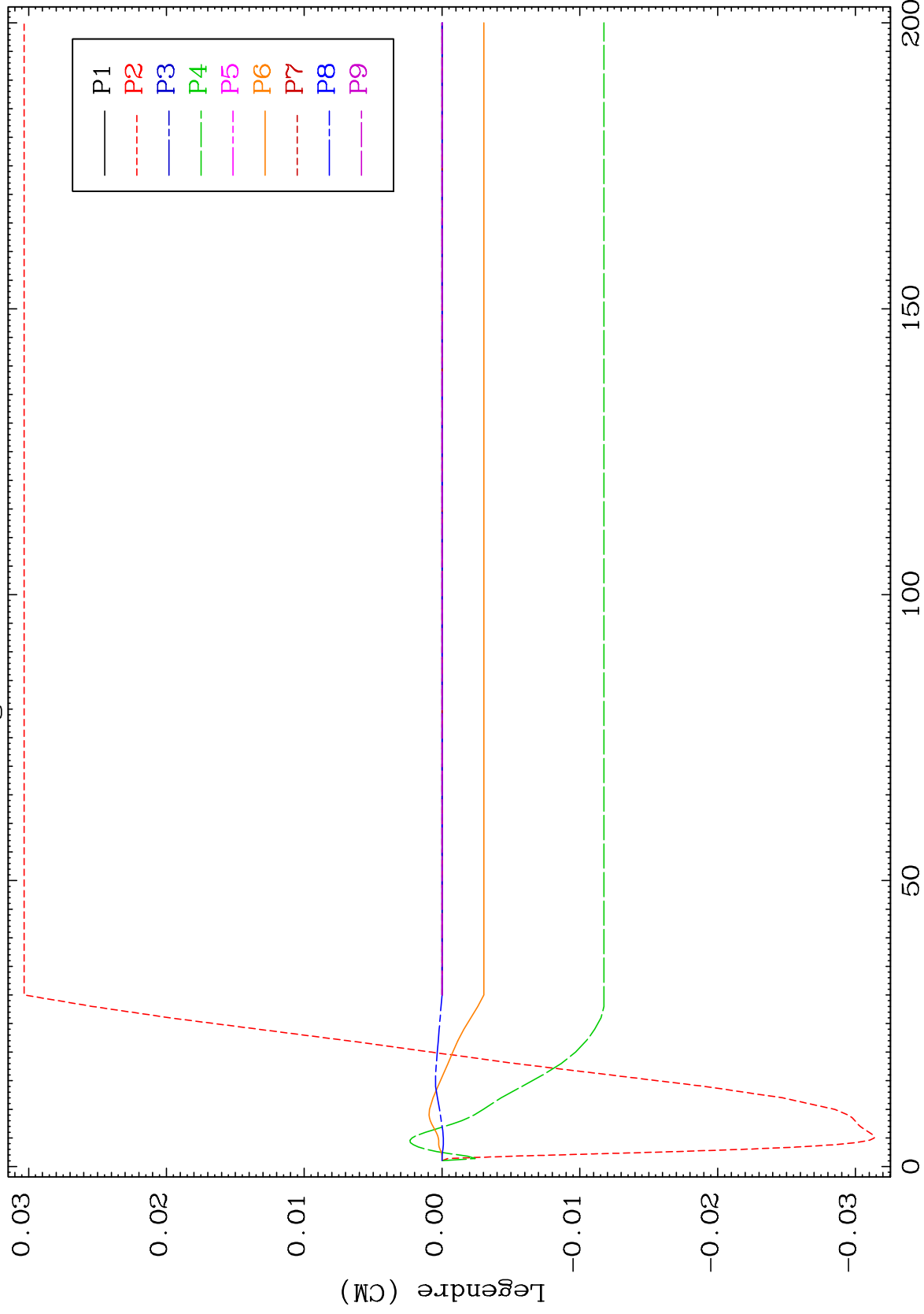
59-Pr-146



MAT 5940

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

59-Pr-146



59-Pr-146

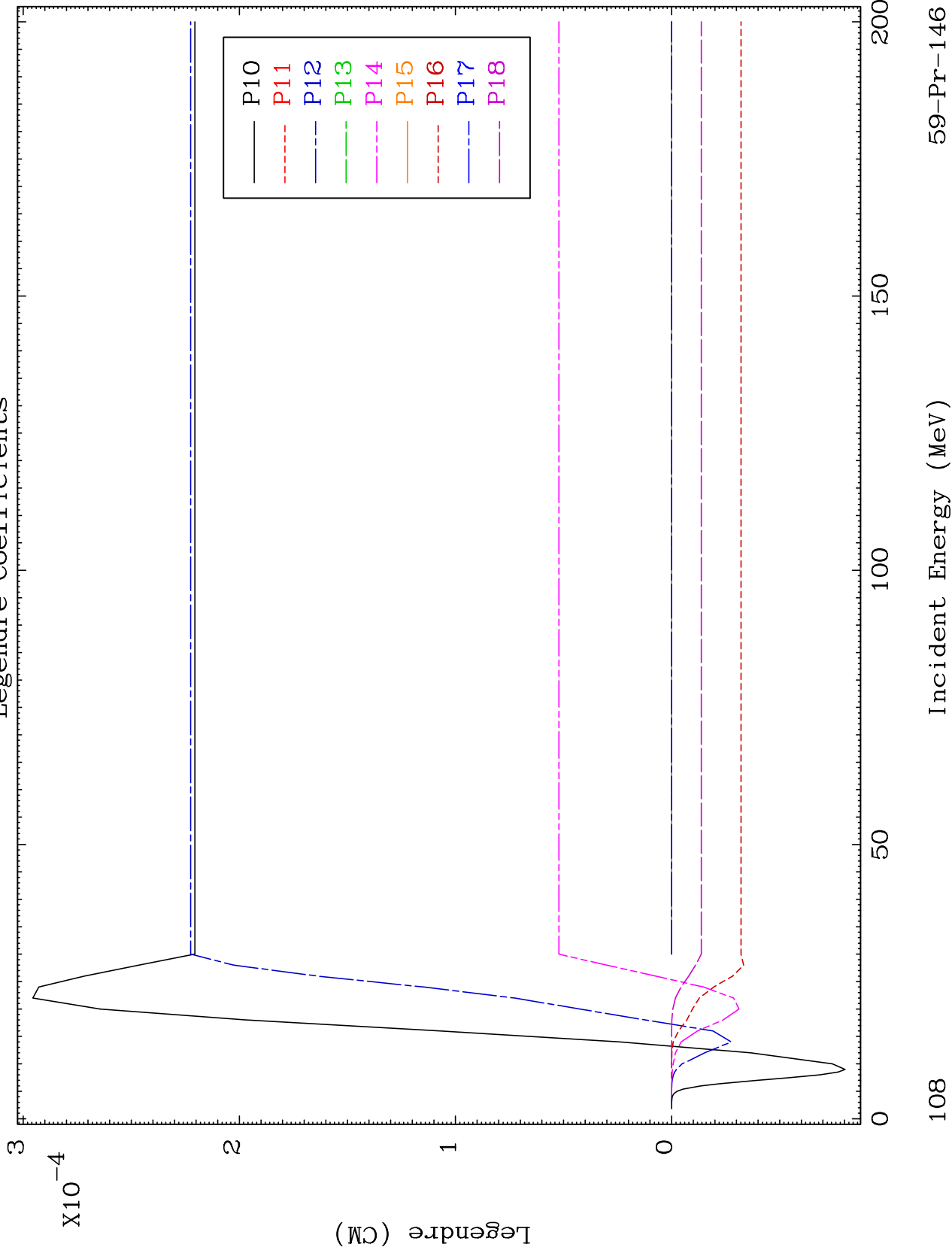
Incident Energy (MeV)

107

MAT 5940

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

59-Pr-146



59-Pr-146

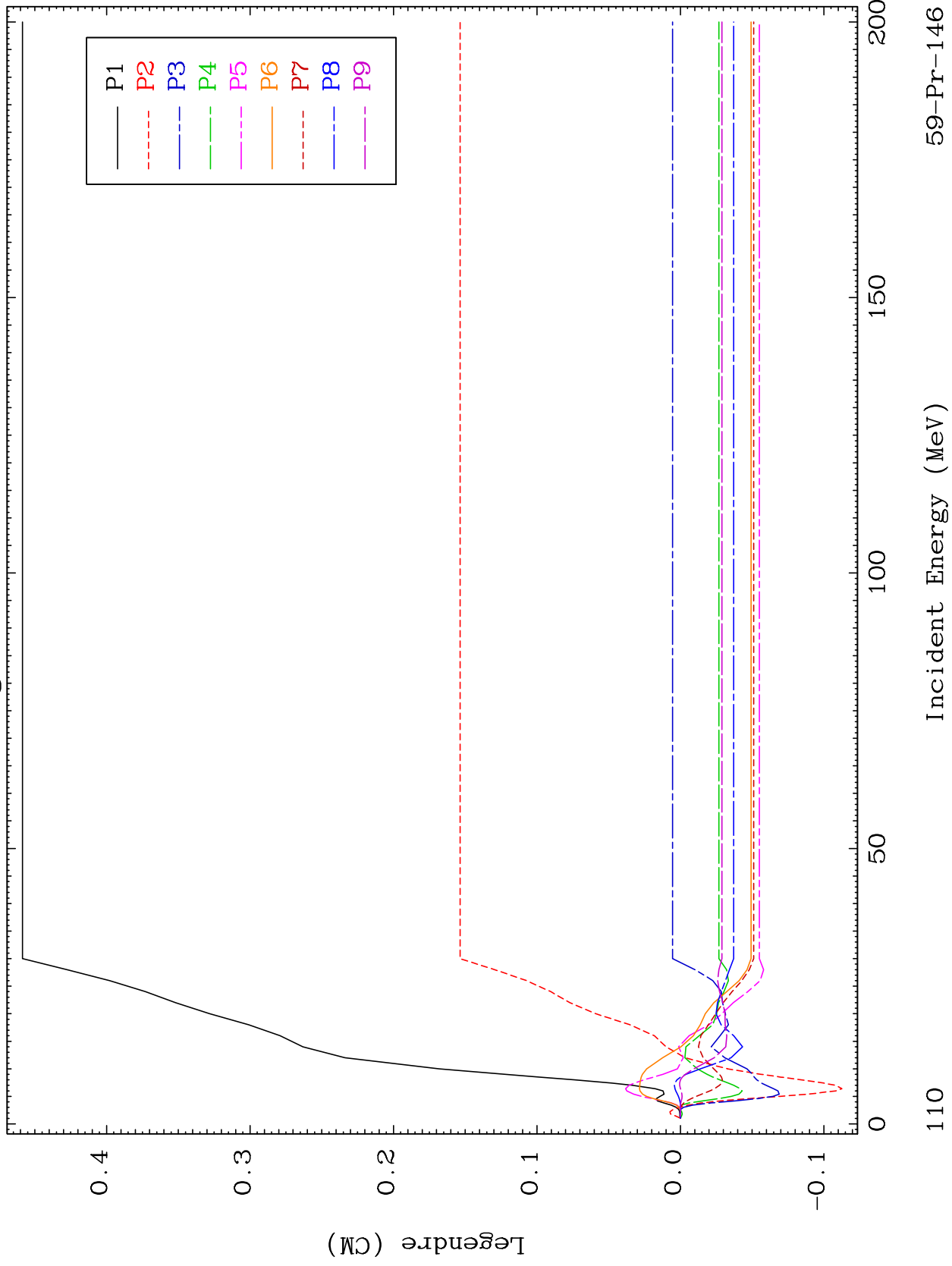
Incident Energy (MeV)

108

MAT 5940

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

59-Pr-146



59-Pr-146

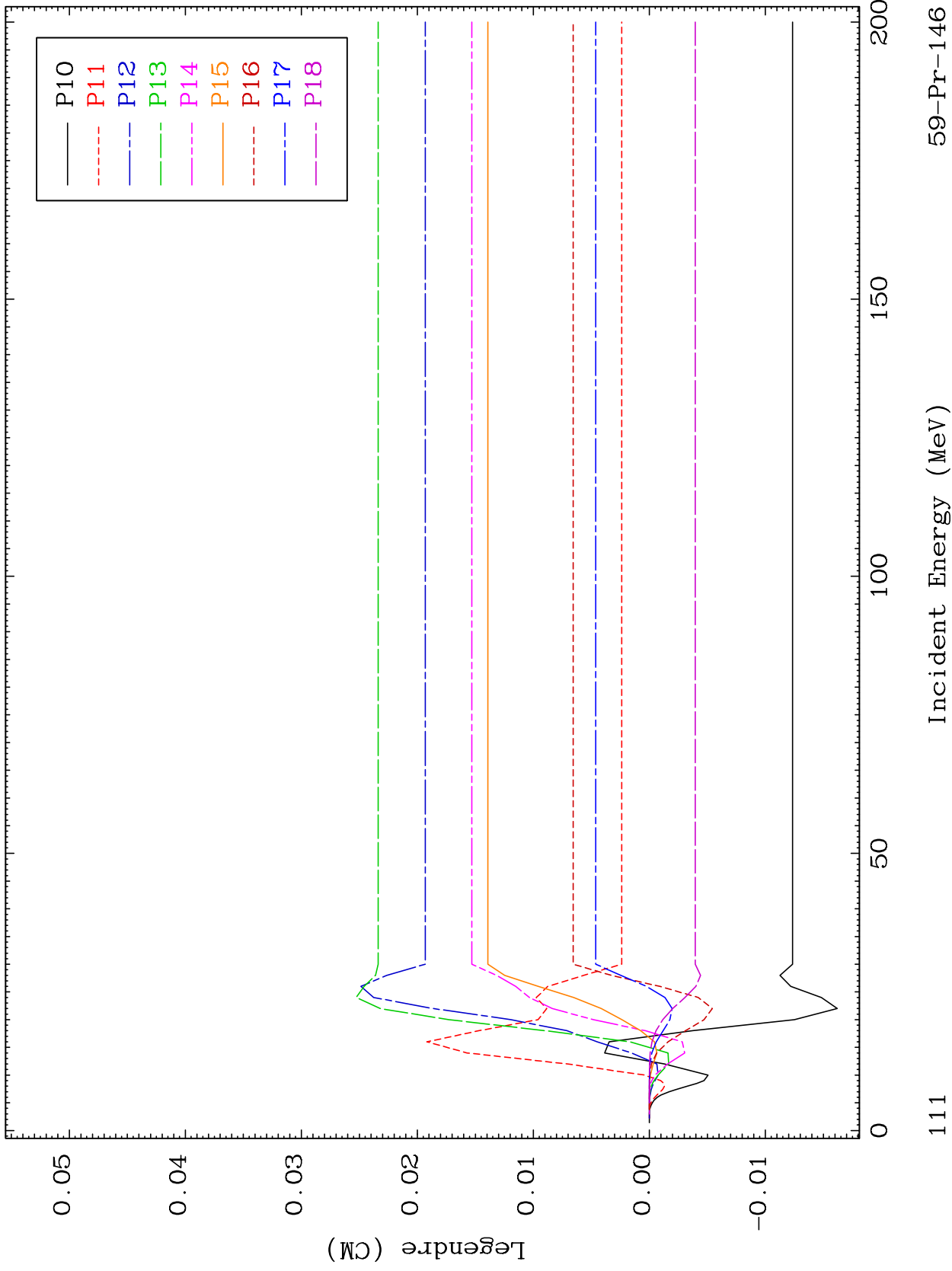
Incident Energy (MeV)

Legendre (CM)

MAT 5940

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

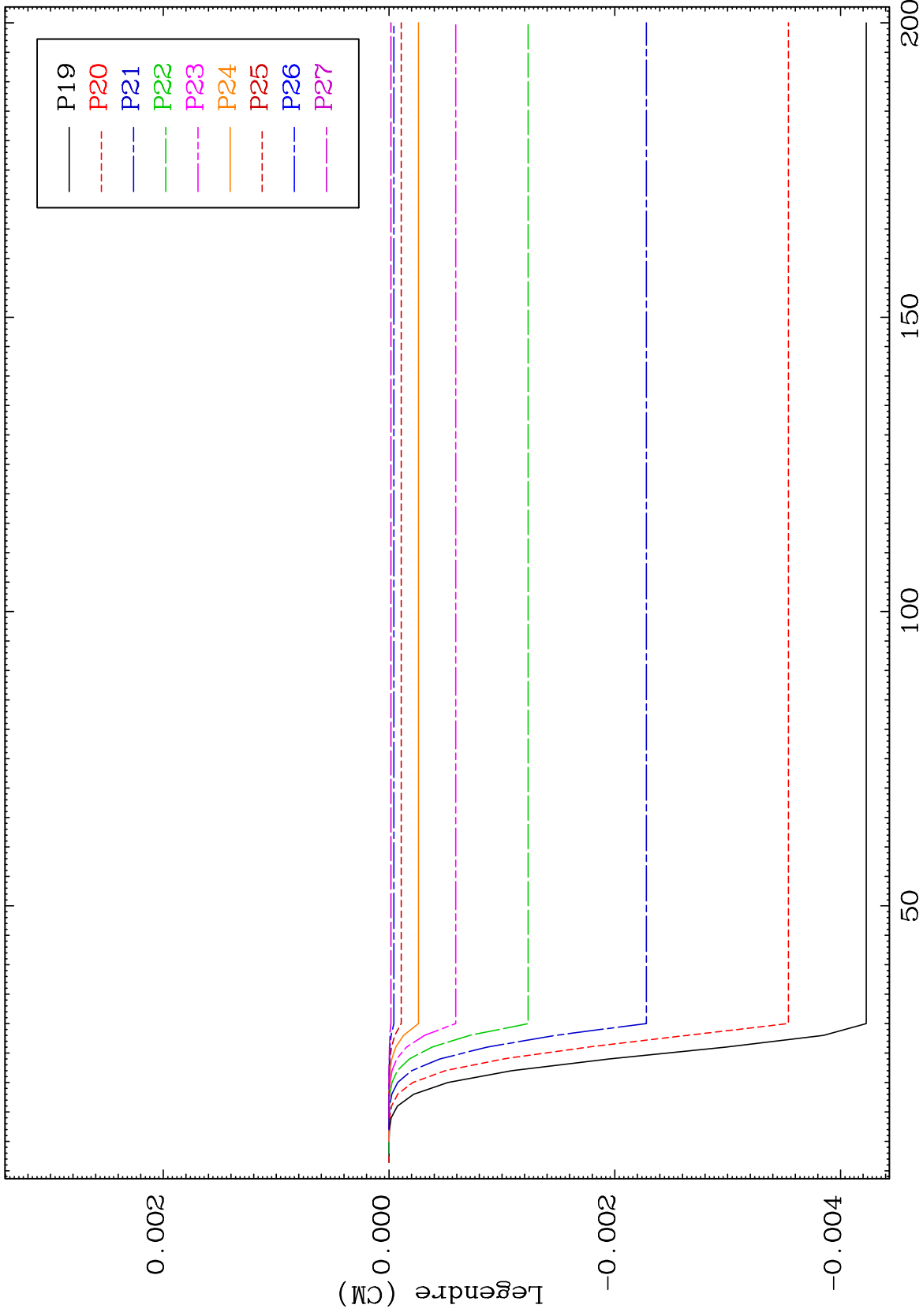
59-Pr-146



111

Incident Energy (MeV)

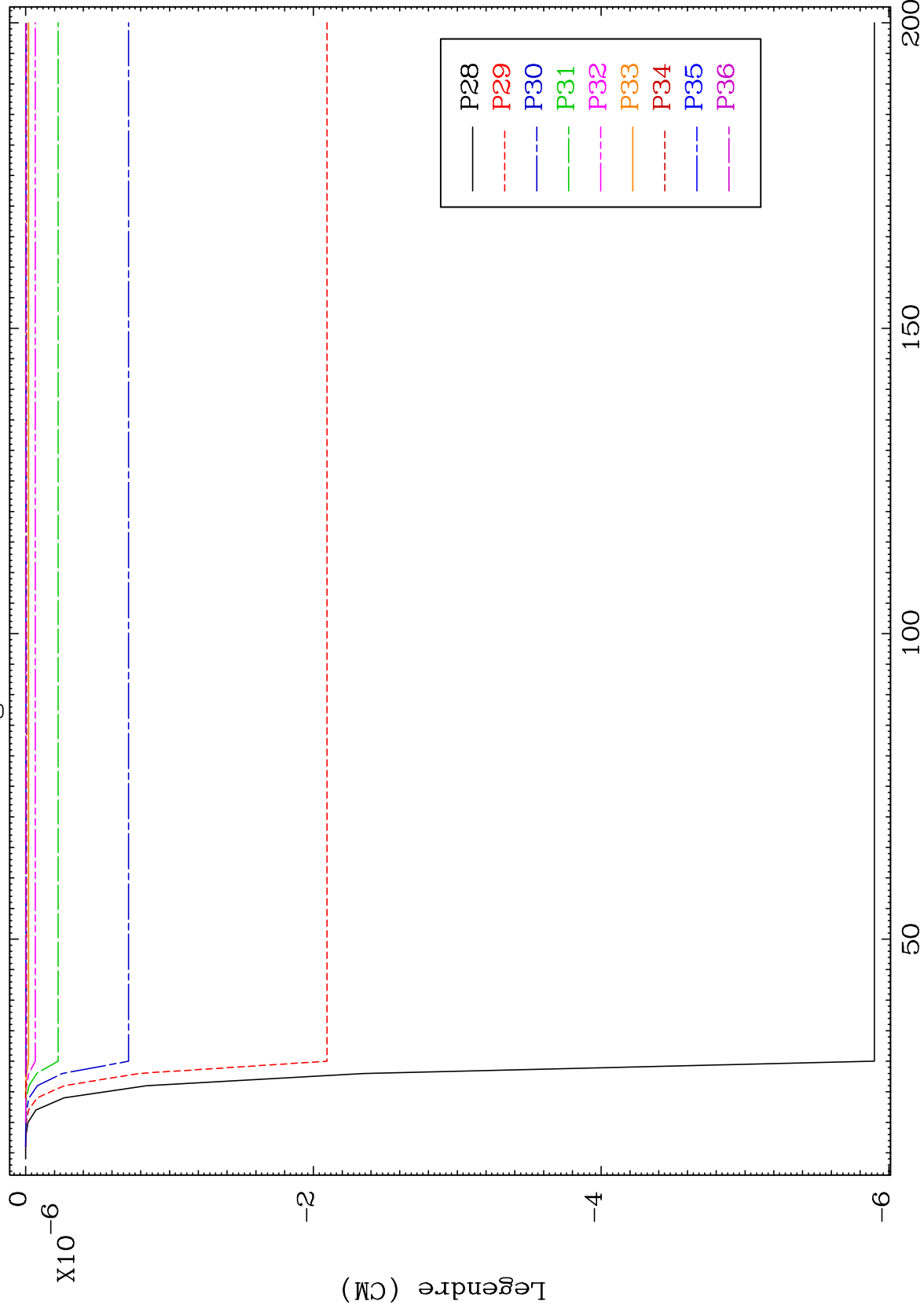
59-Pr-146



MAT 5940

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

59-Pr-146



113

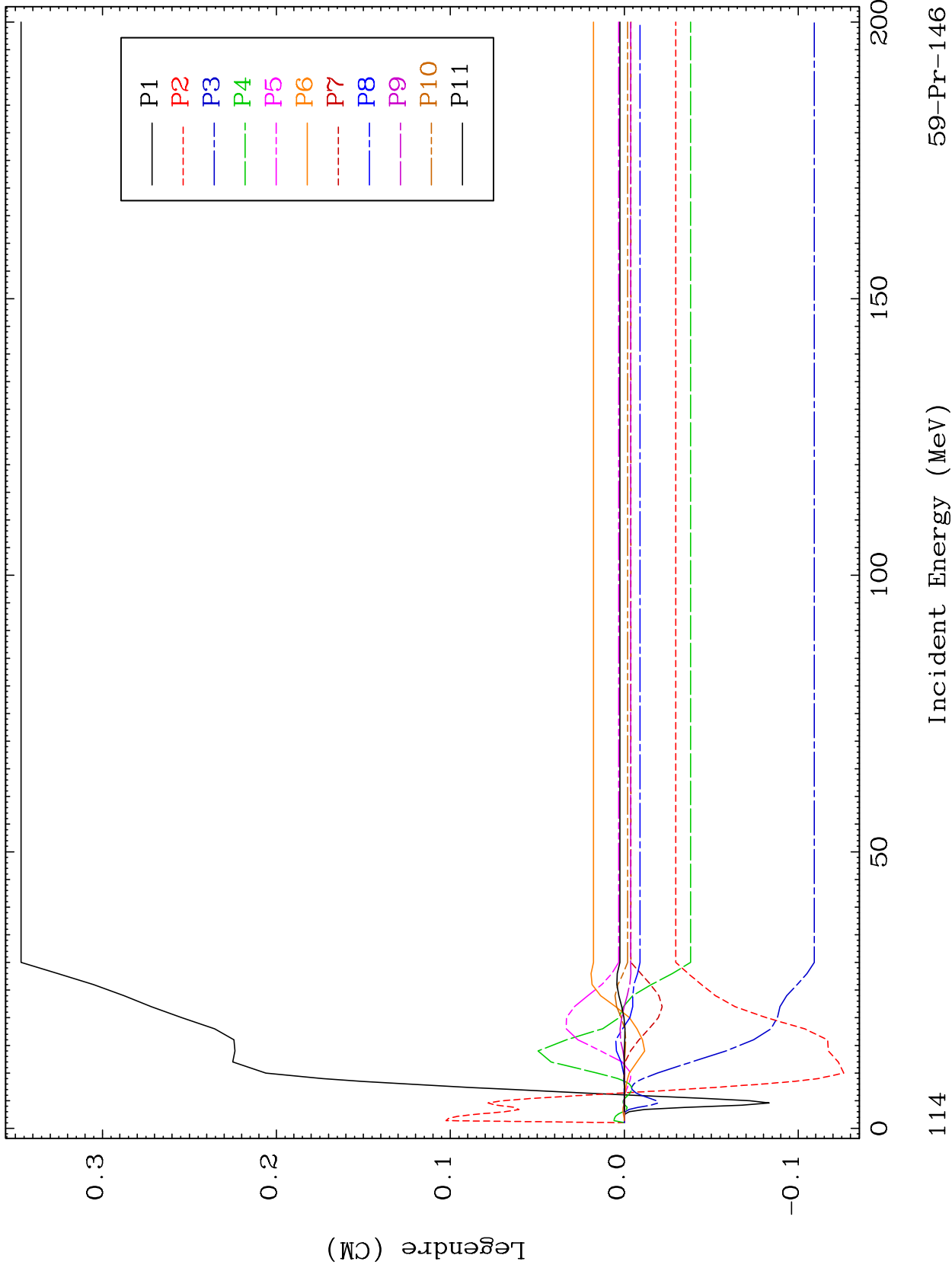
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

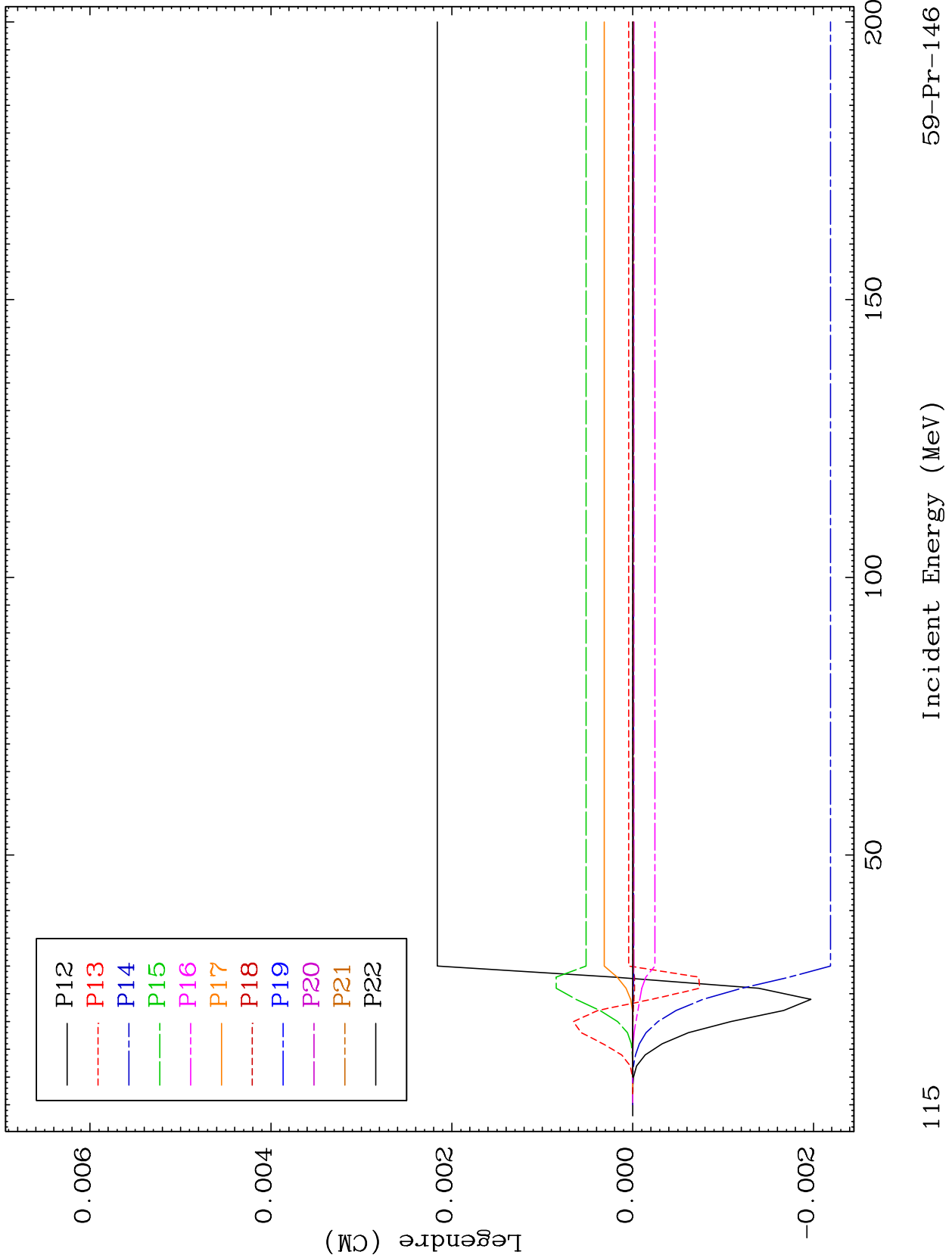
Incident Energy (MeV)

114

MAT 5940

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

59-Pr-146



115

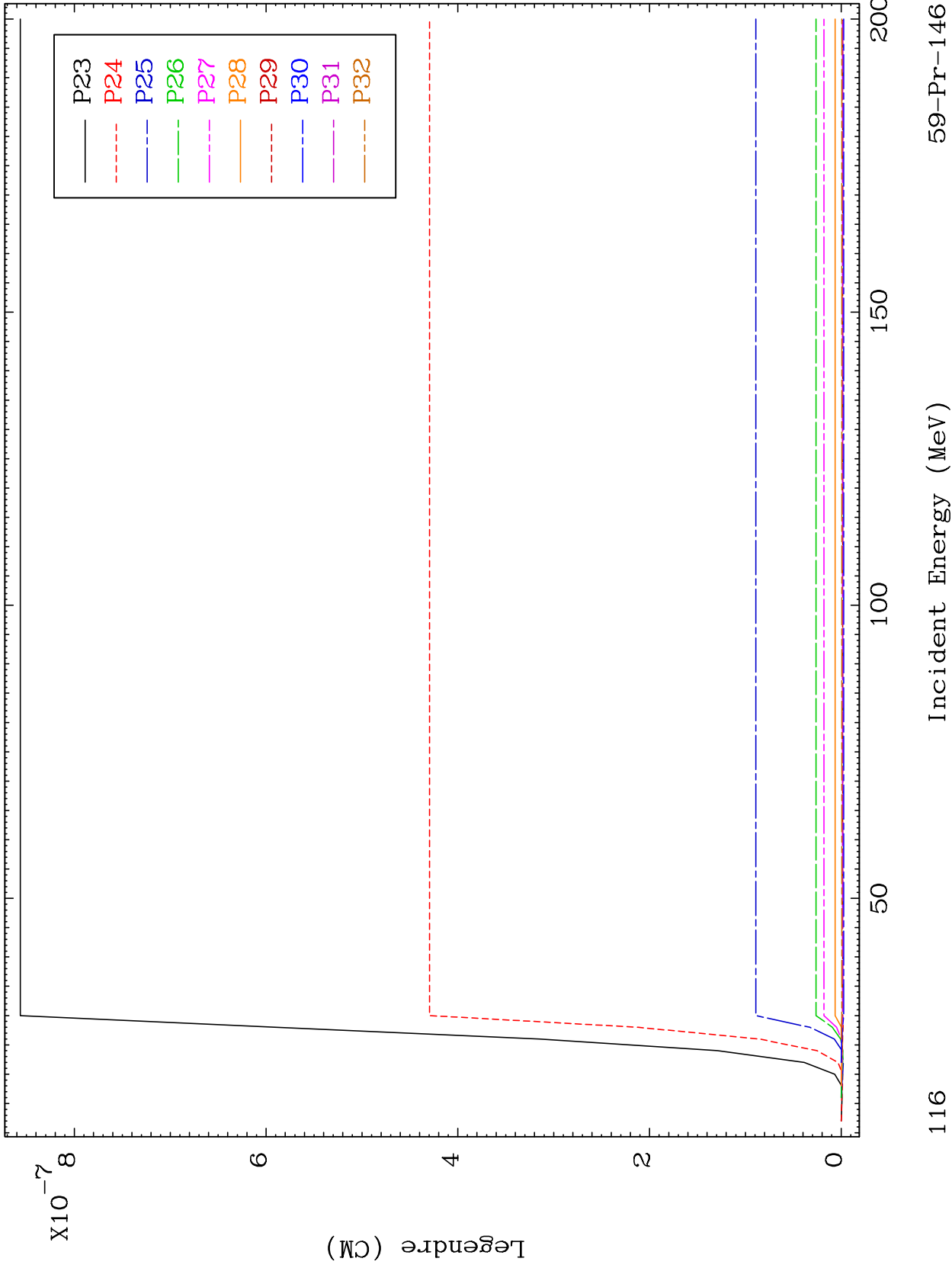
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

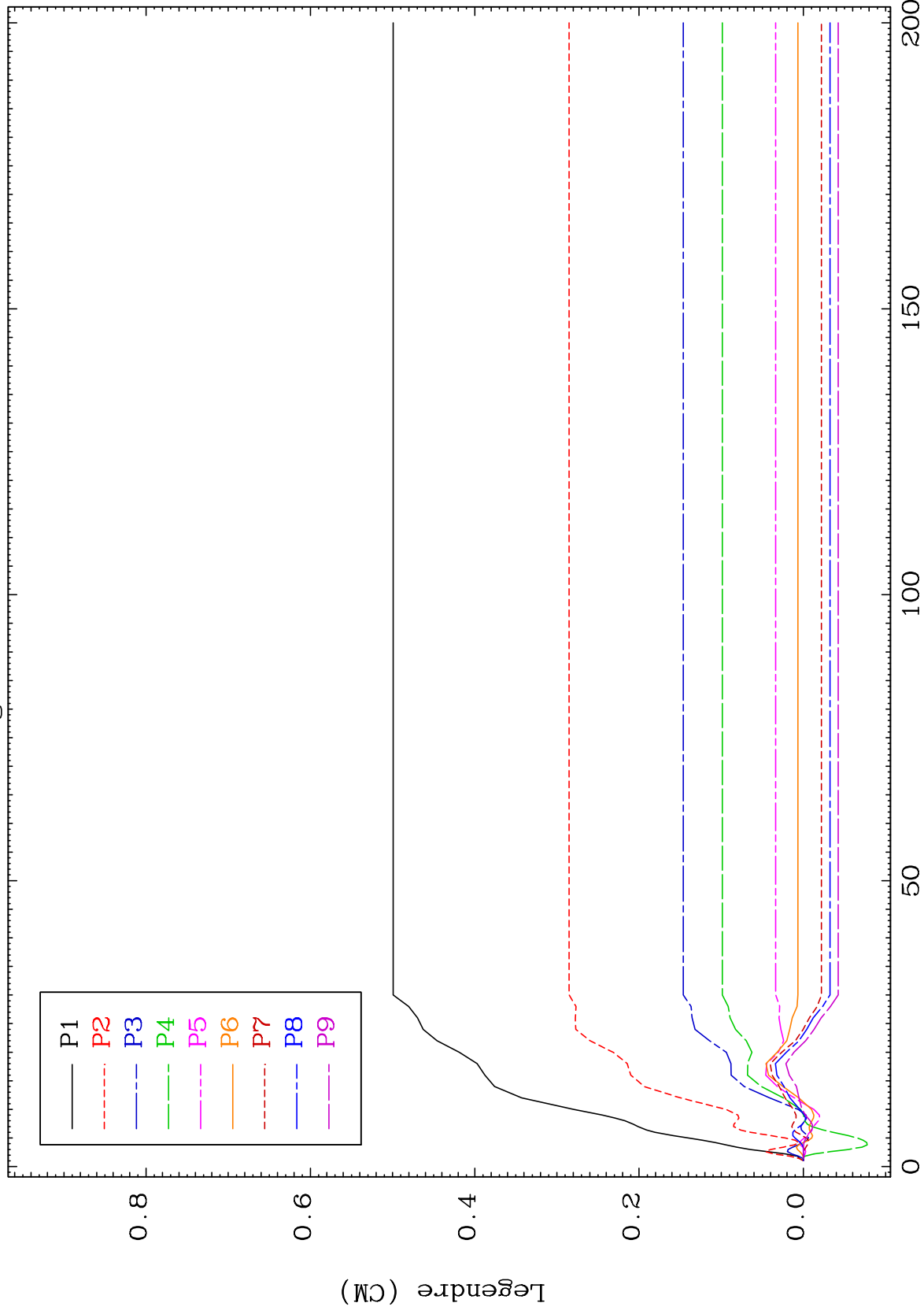
59-Pr-146



MAT 5940

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

59-Pr-146



117

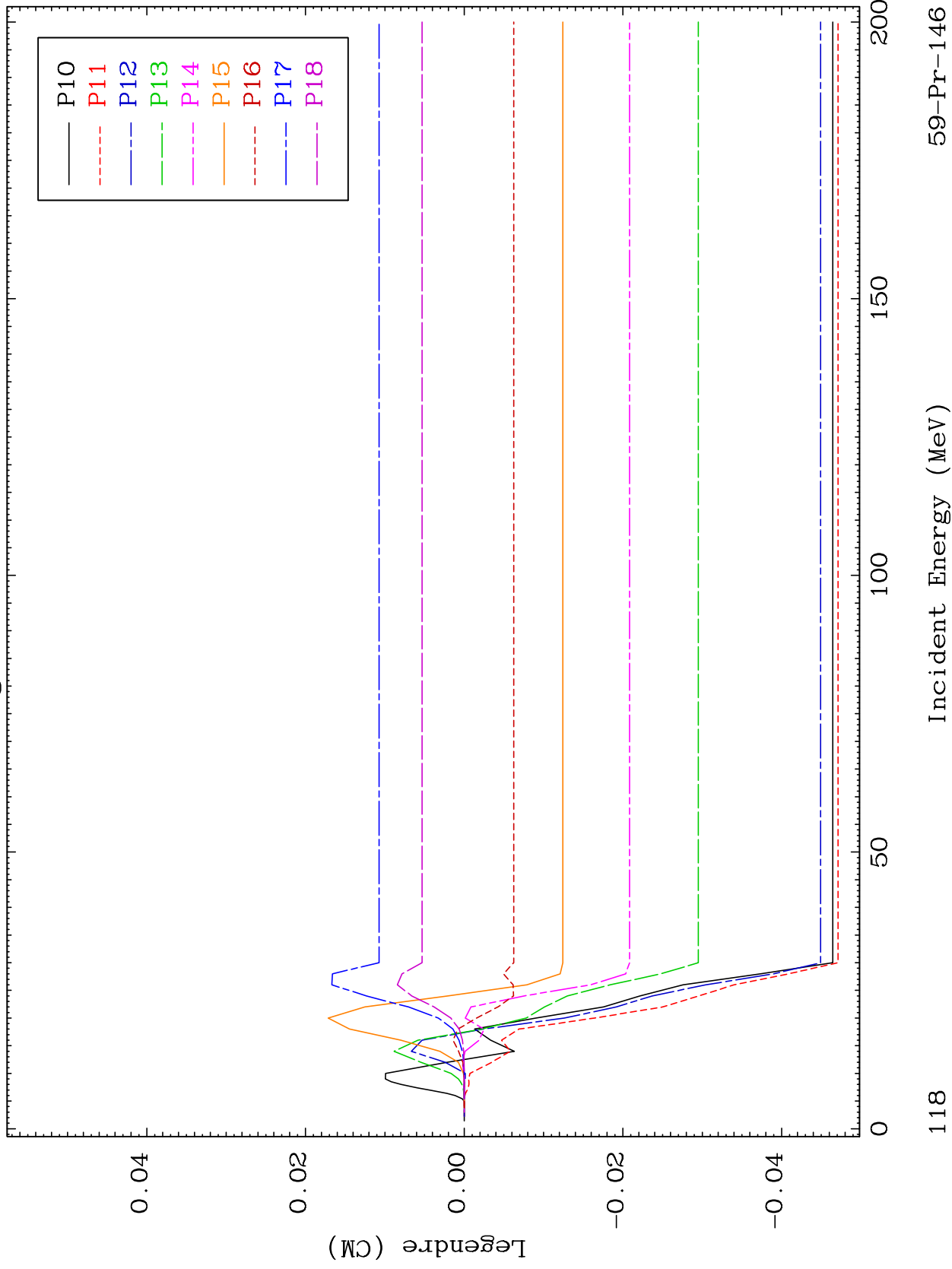
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



118

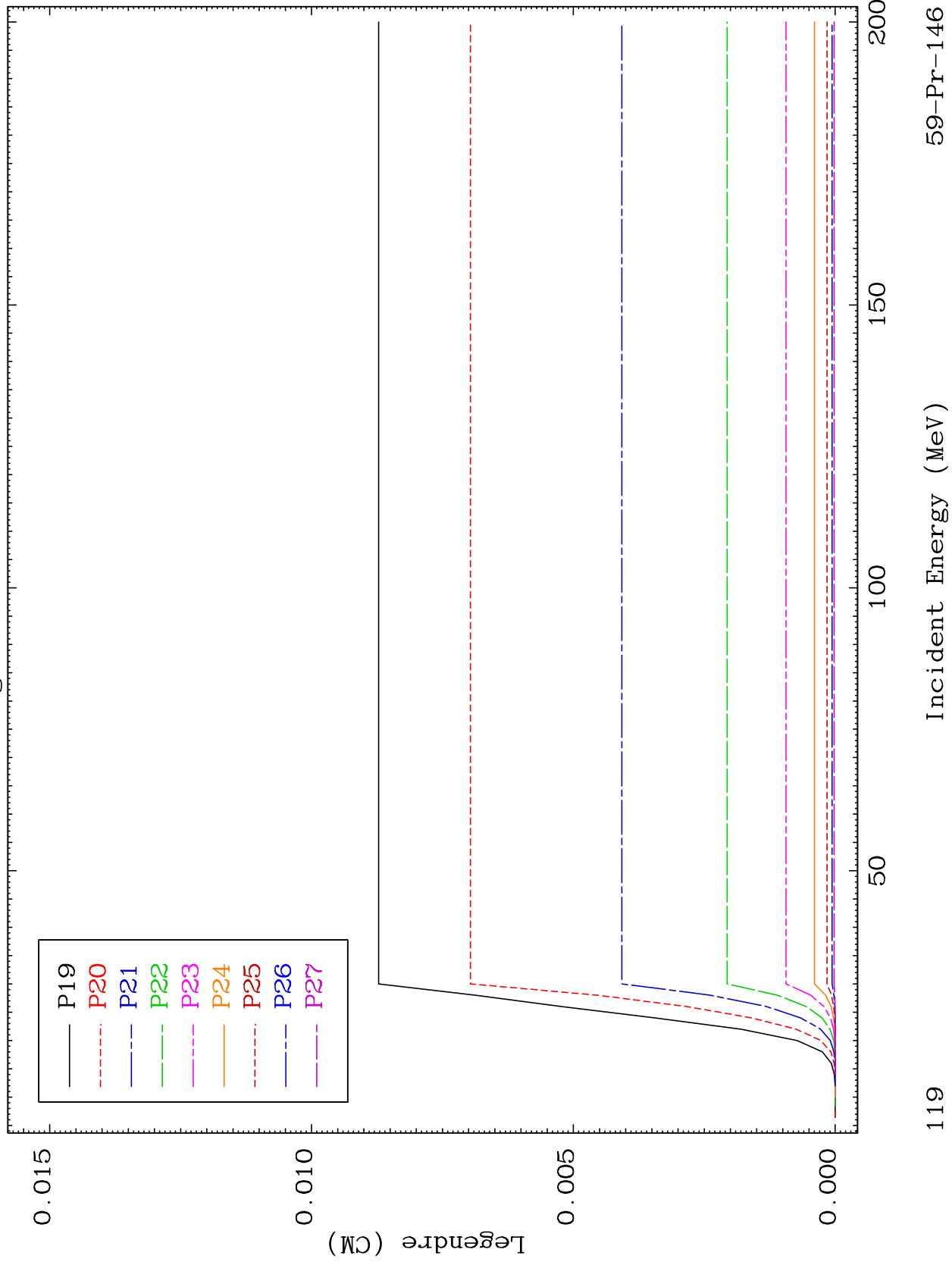
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



119

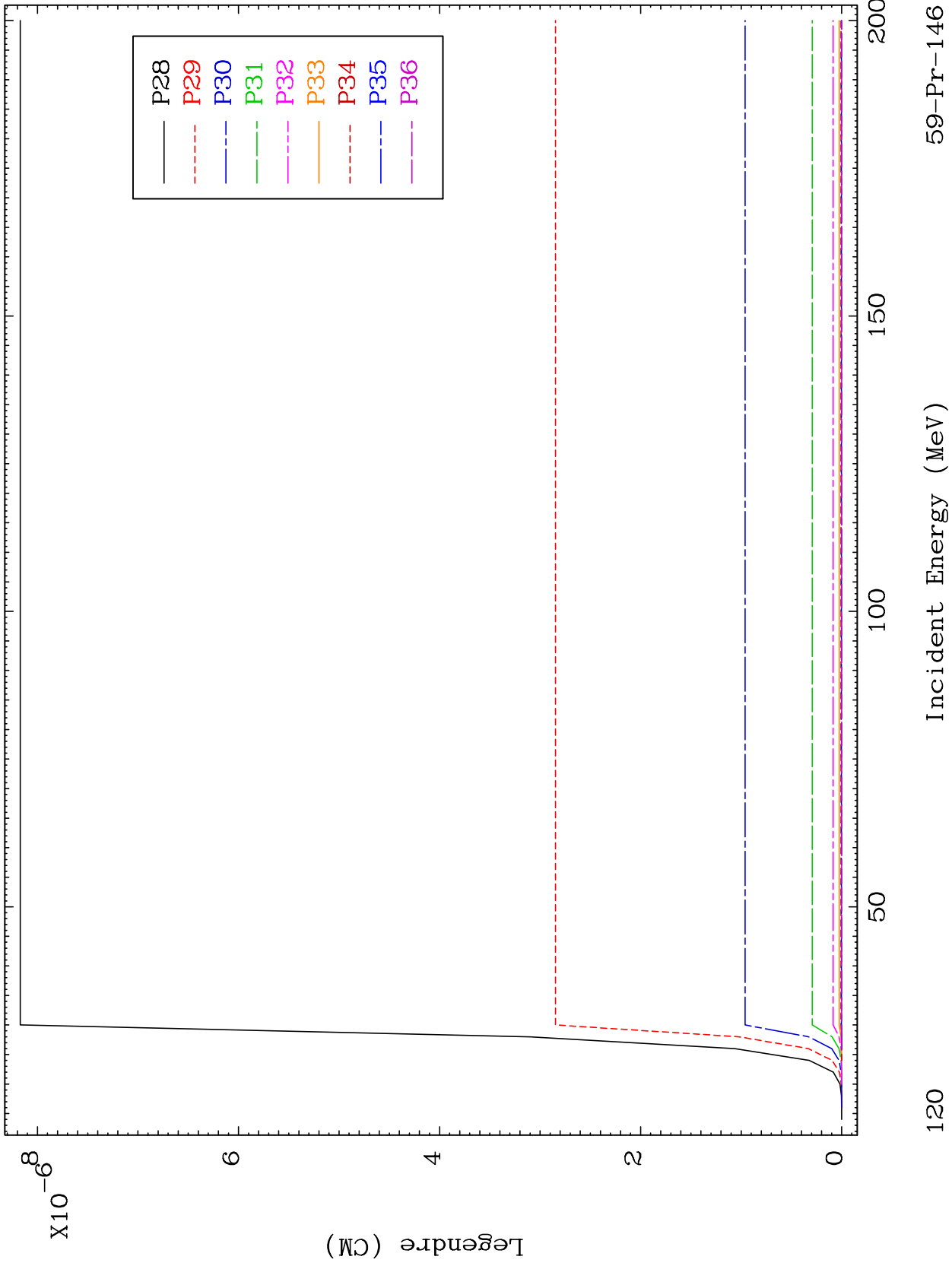
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

Incident Energy (MeV)

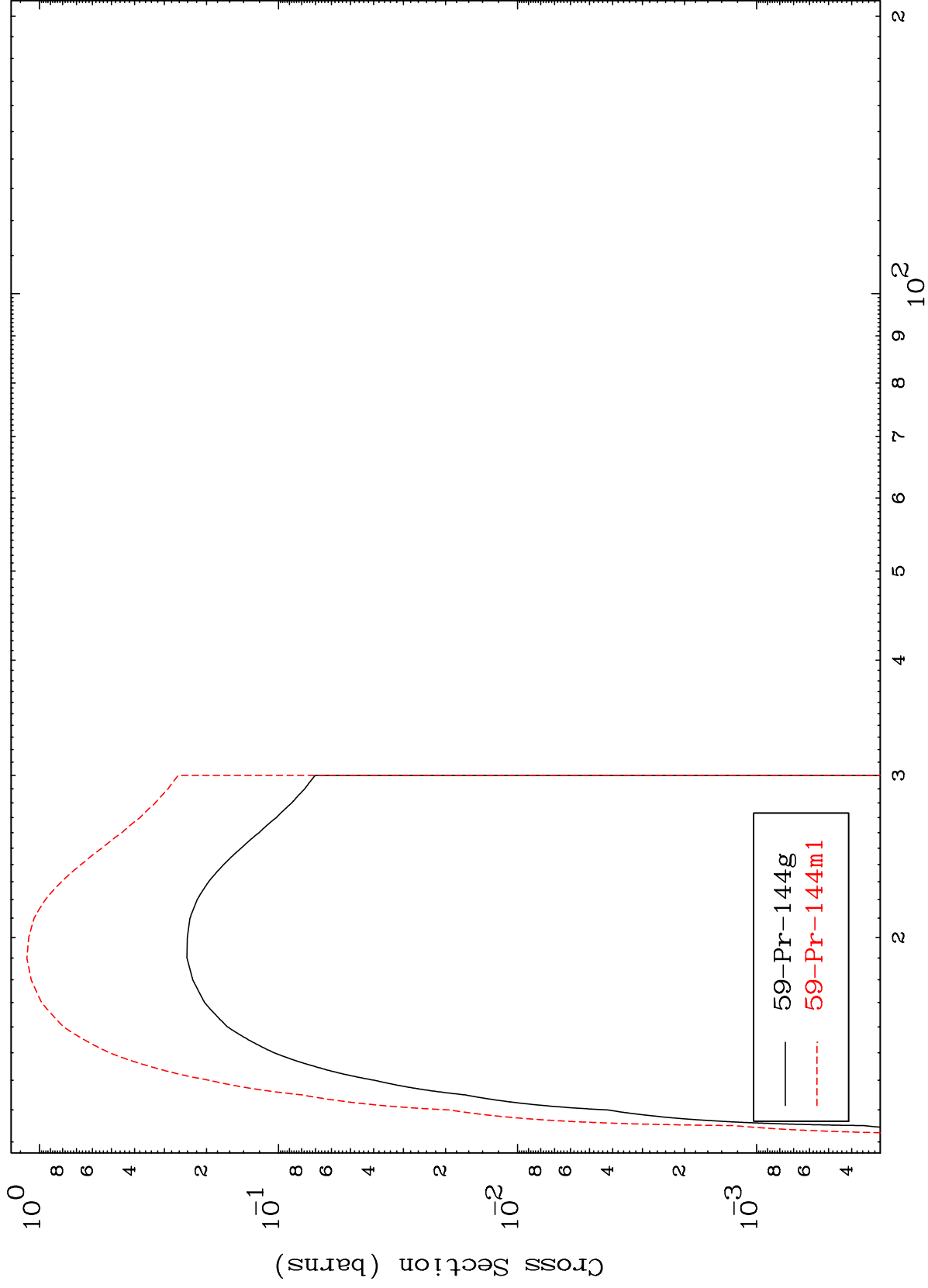
120

MAT 5940

(n,3n)

59-Pr-146

Radionuclide Production Cross Section



121

Incident Energy (MeV)

59-Pr-146

MAT 5940

(n,n') 2 α

59-Pr-146

Radionuclide Production Cross Section

