

Program EVALPLOT
(Version 2021-1)

by

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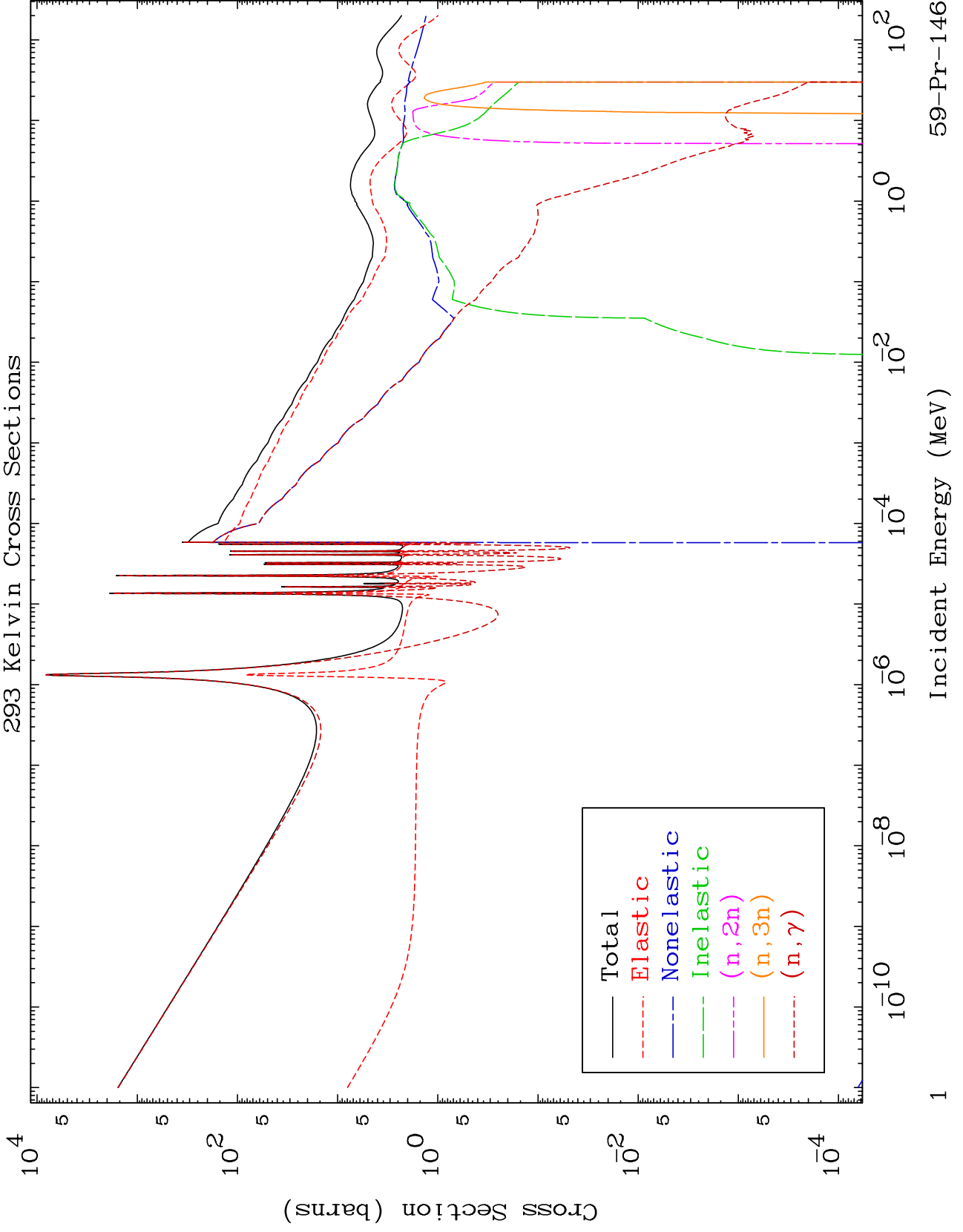
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Press Mouse Button to Start

MAT 5940

Neutron Major
293 Kelvin Cross Sections

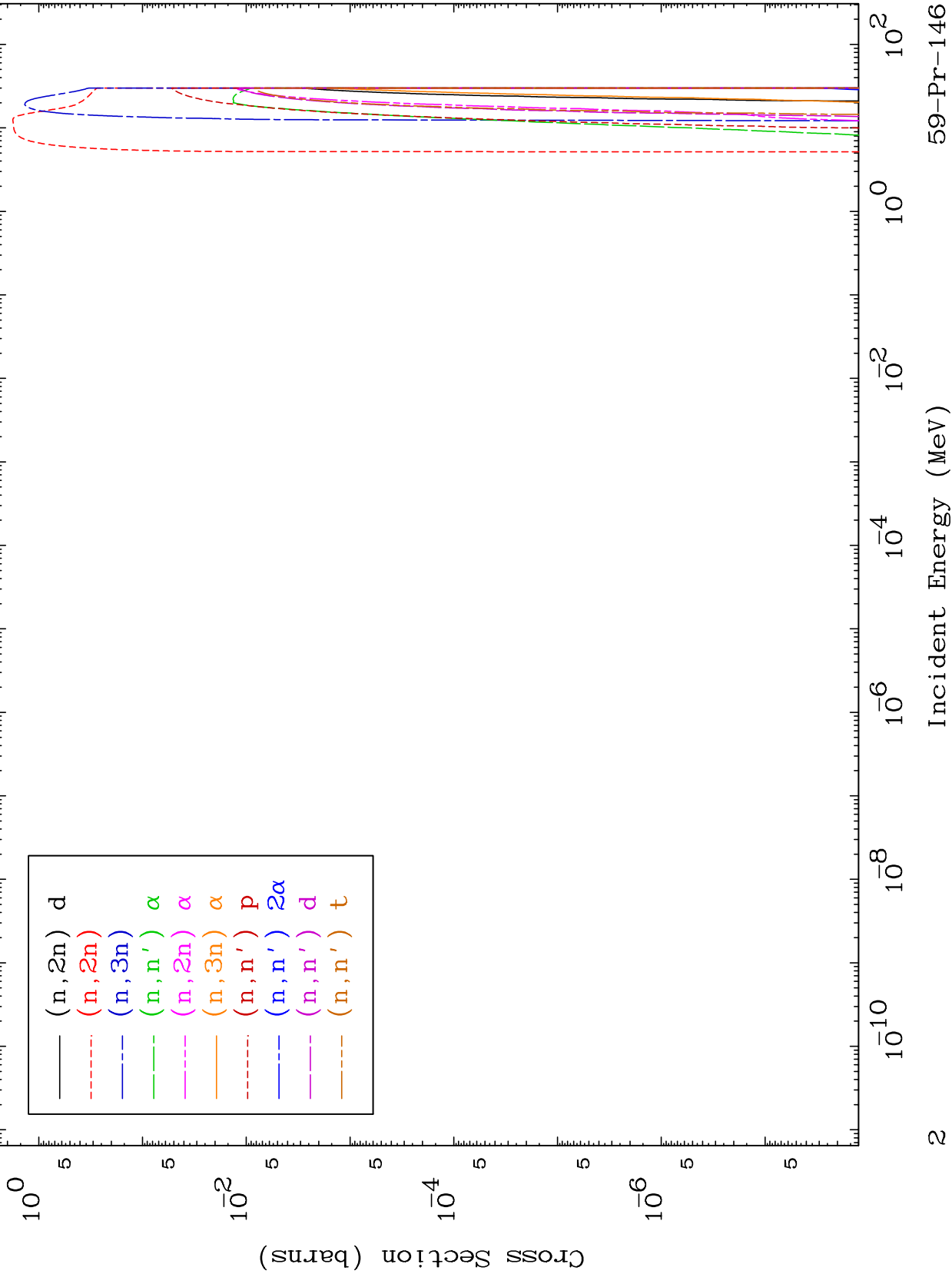
59-Pr-146



MAT 5940

Neutron Absorption
293 Kelvin Cross Sections

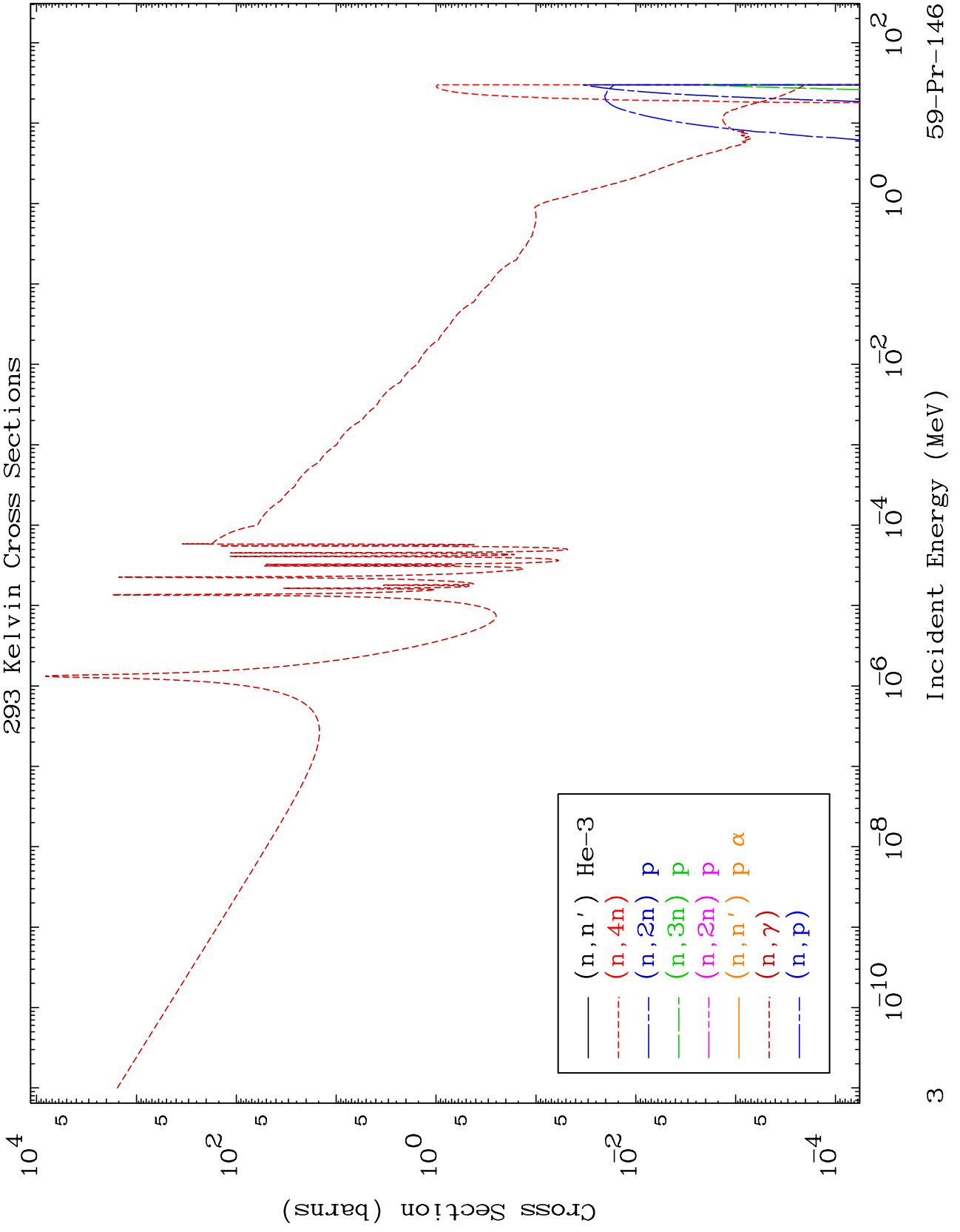
59-Pr-146



MAT 5940

Neutron Absorption
293 Kelvin Cross Sections

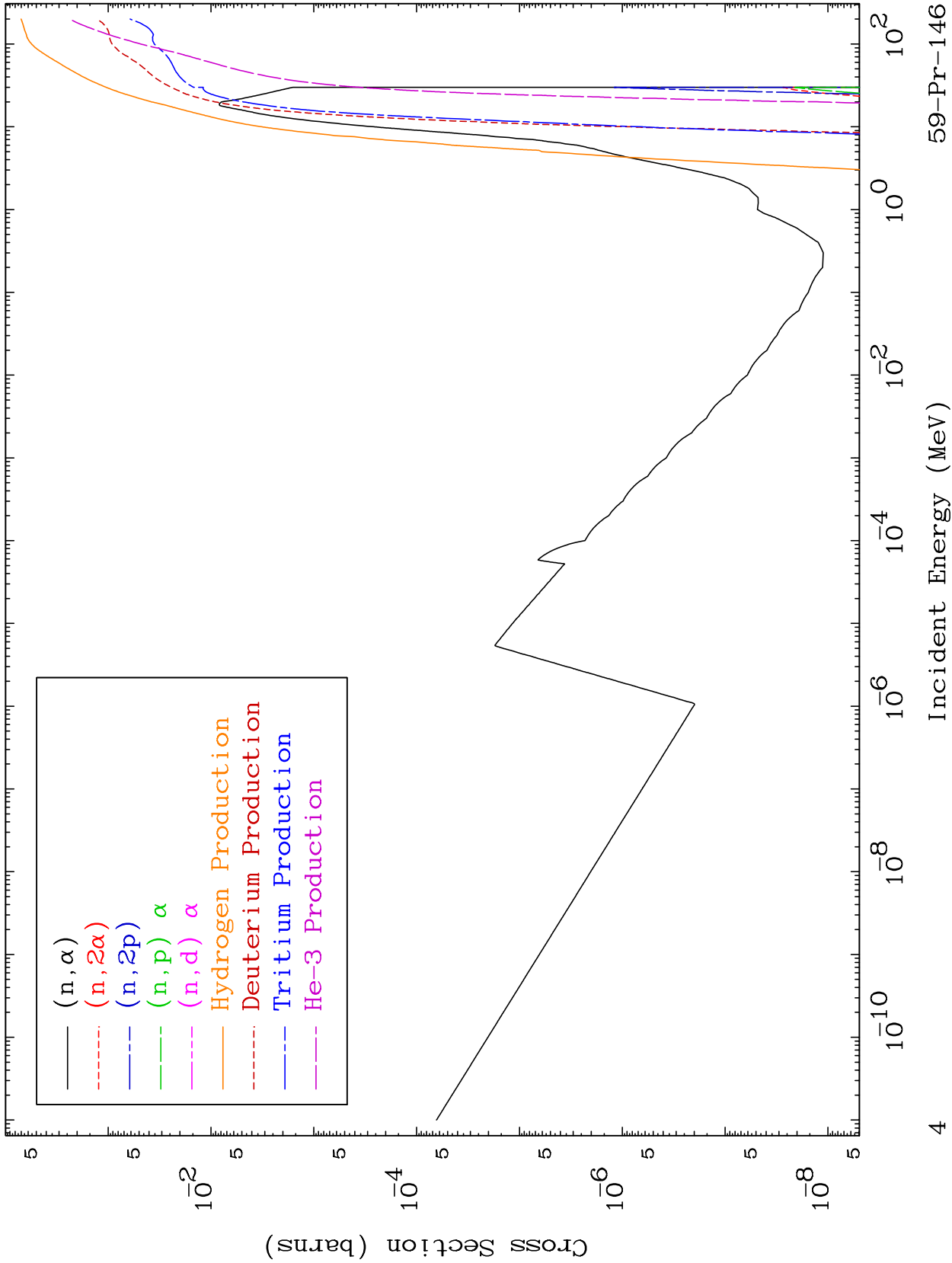
59-Pr-146



MAT 5940

Neutron Absorption
293 Kelvin Cross Sections

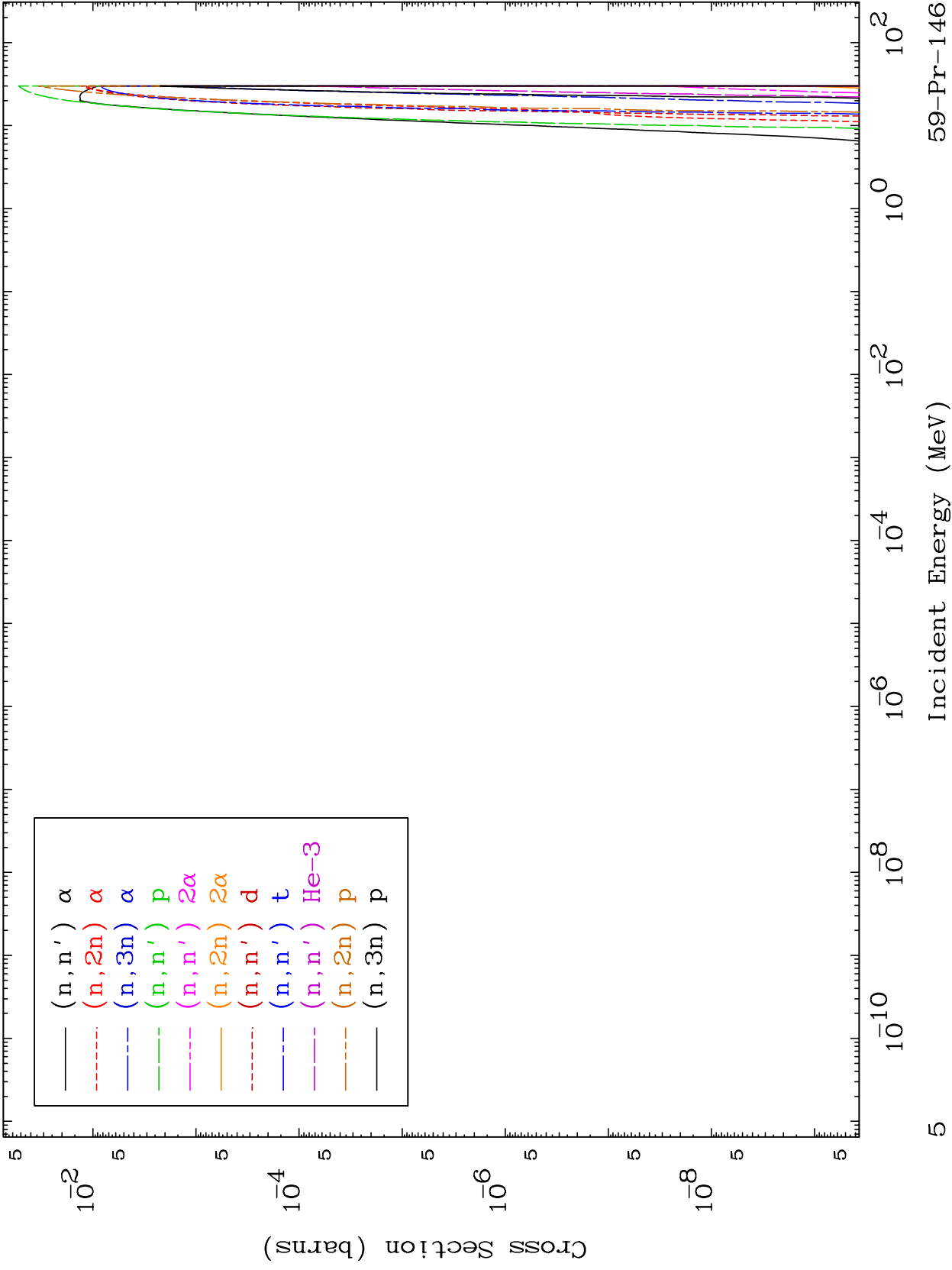
59-Pr-146



MAT 5940

Charged Particle
293 Kelvin Cross Sections

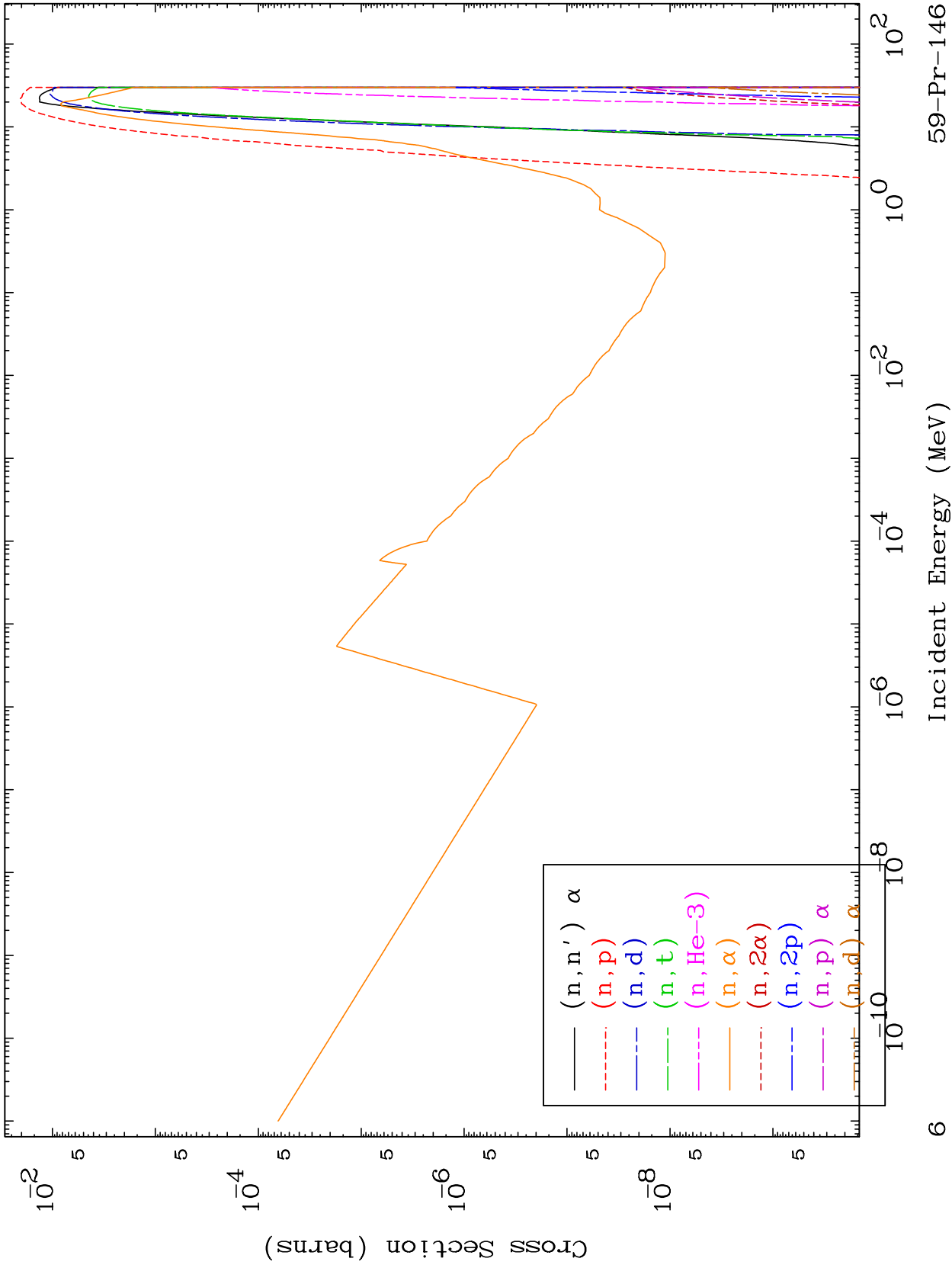
59-Pr-146



MAT 5940

Charged Particle
293 Kelvin Cross Sections

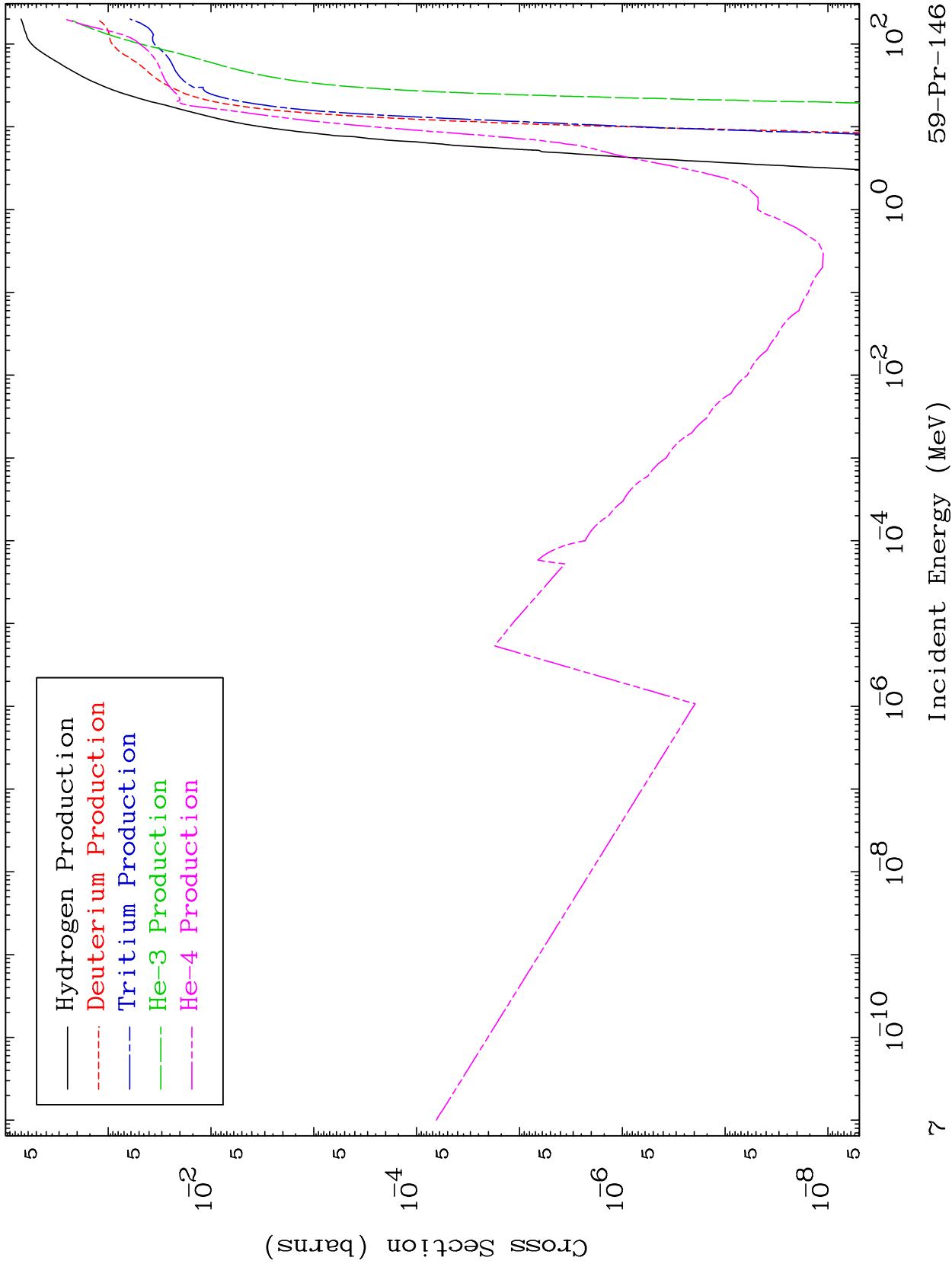
59-Pr-146

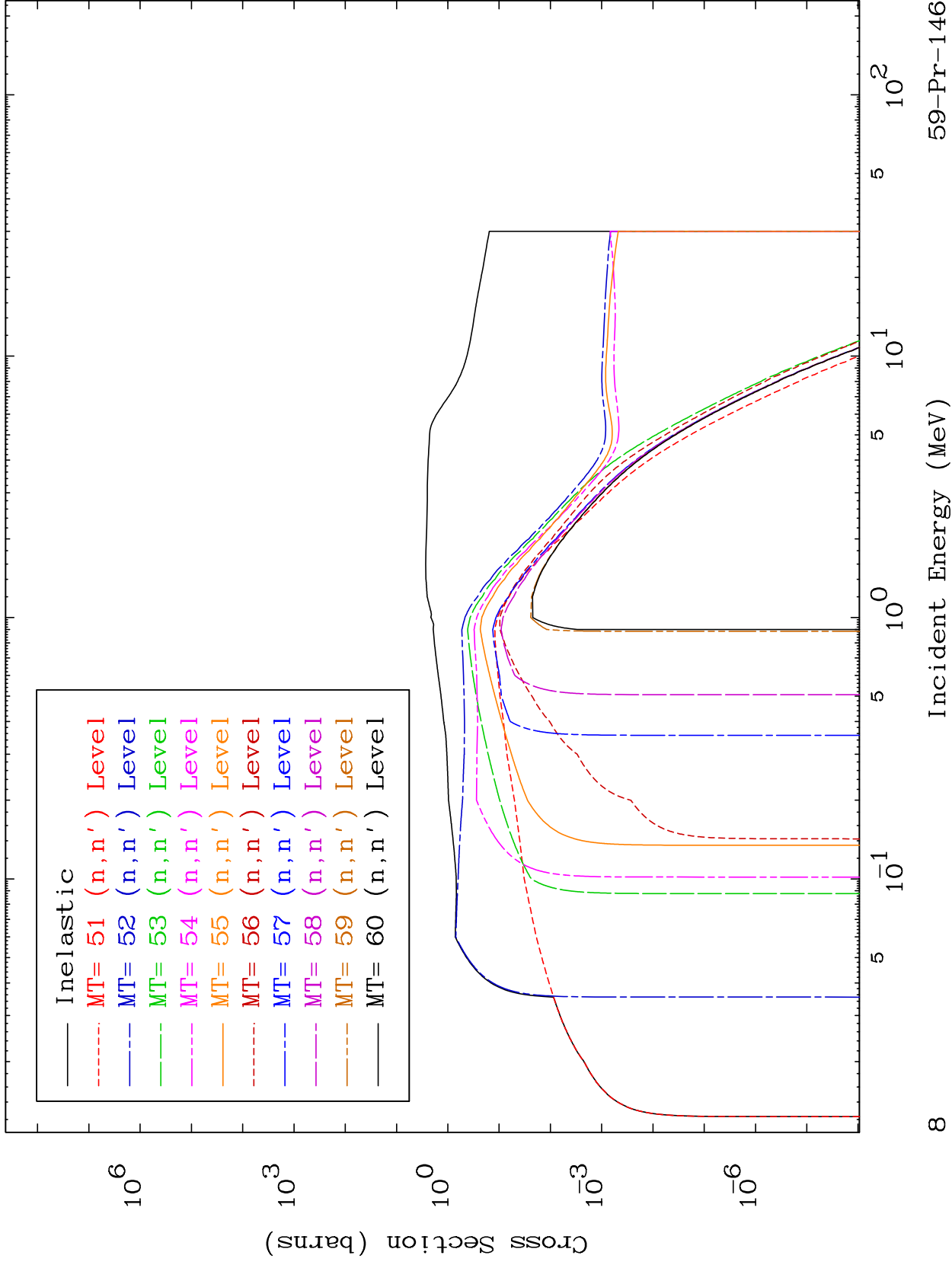


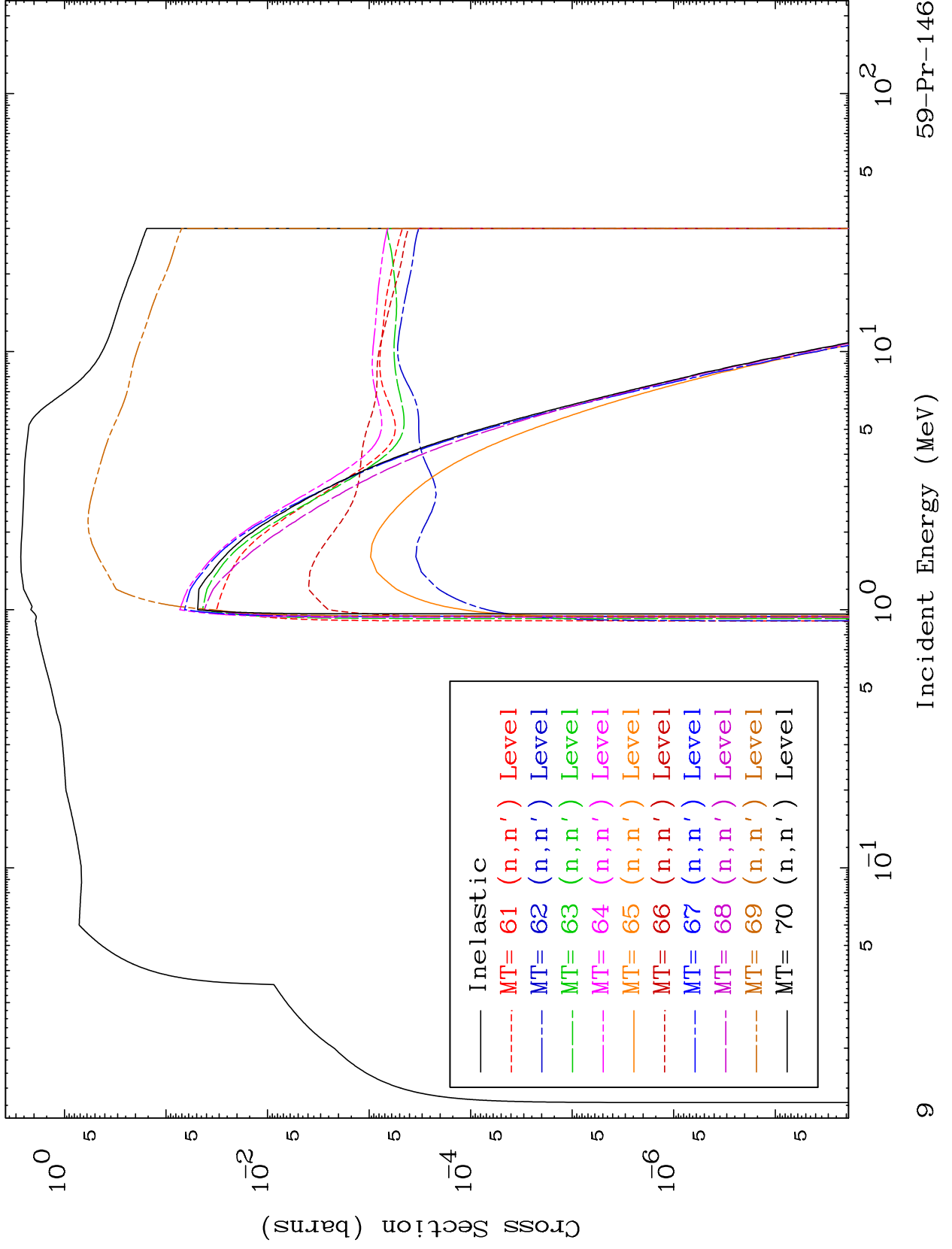
MAT 5940

Particle Production
293 Kelvin Cross Sections

59-Pr-146



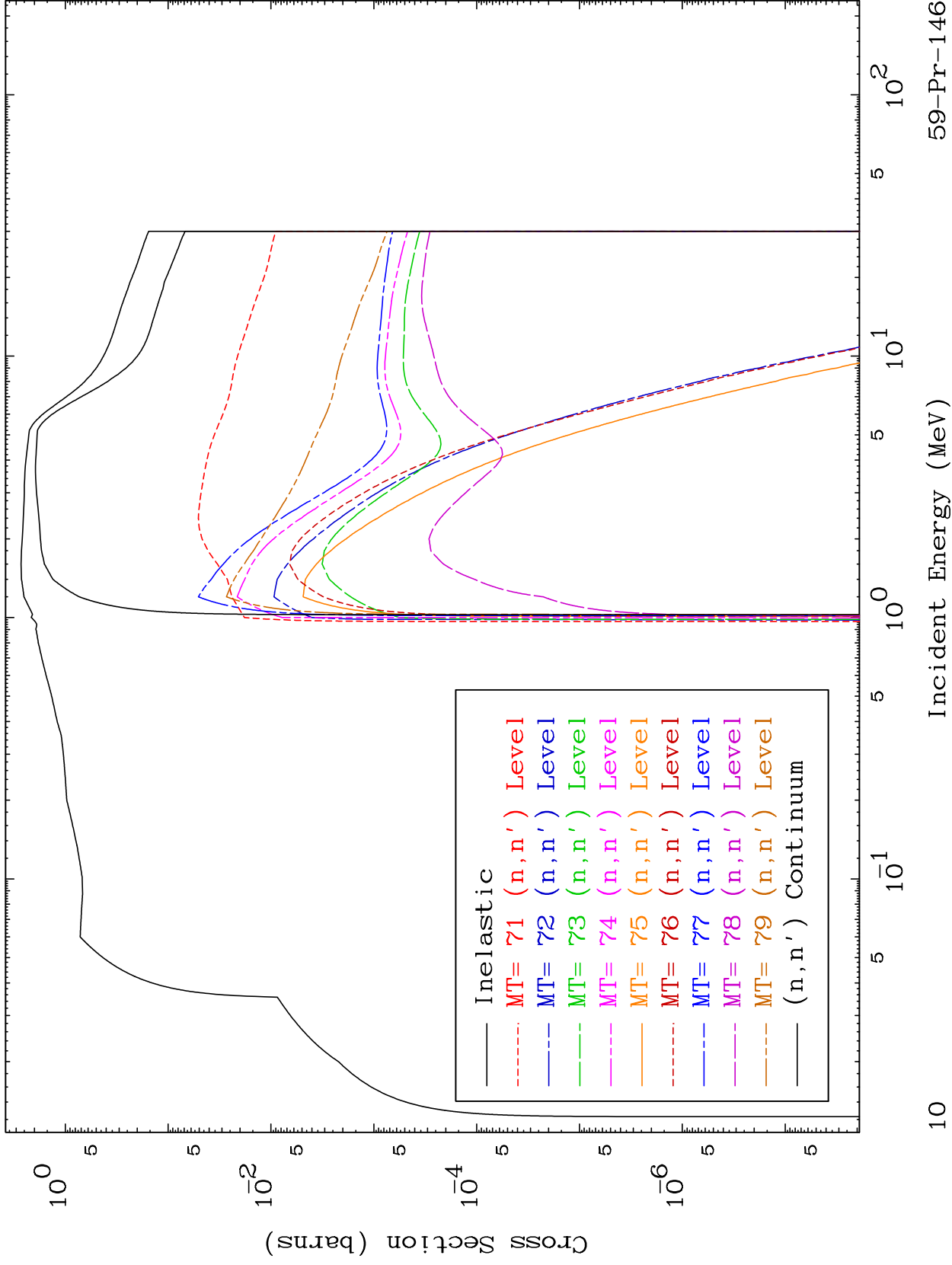




MAT 5940

(n,n') Levels
293 Kelvin Cross Sections

59-Pr-146



10

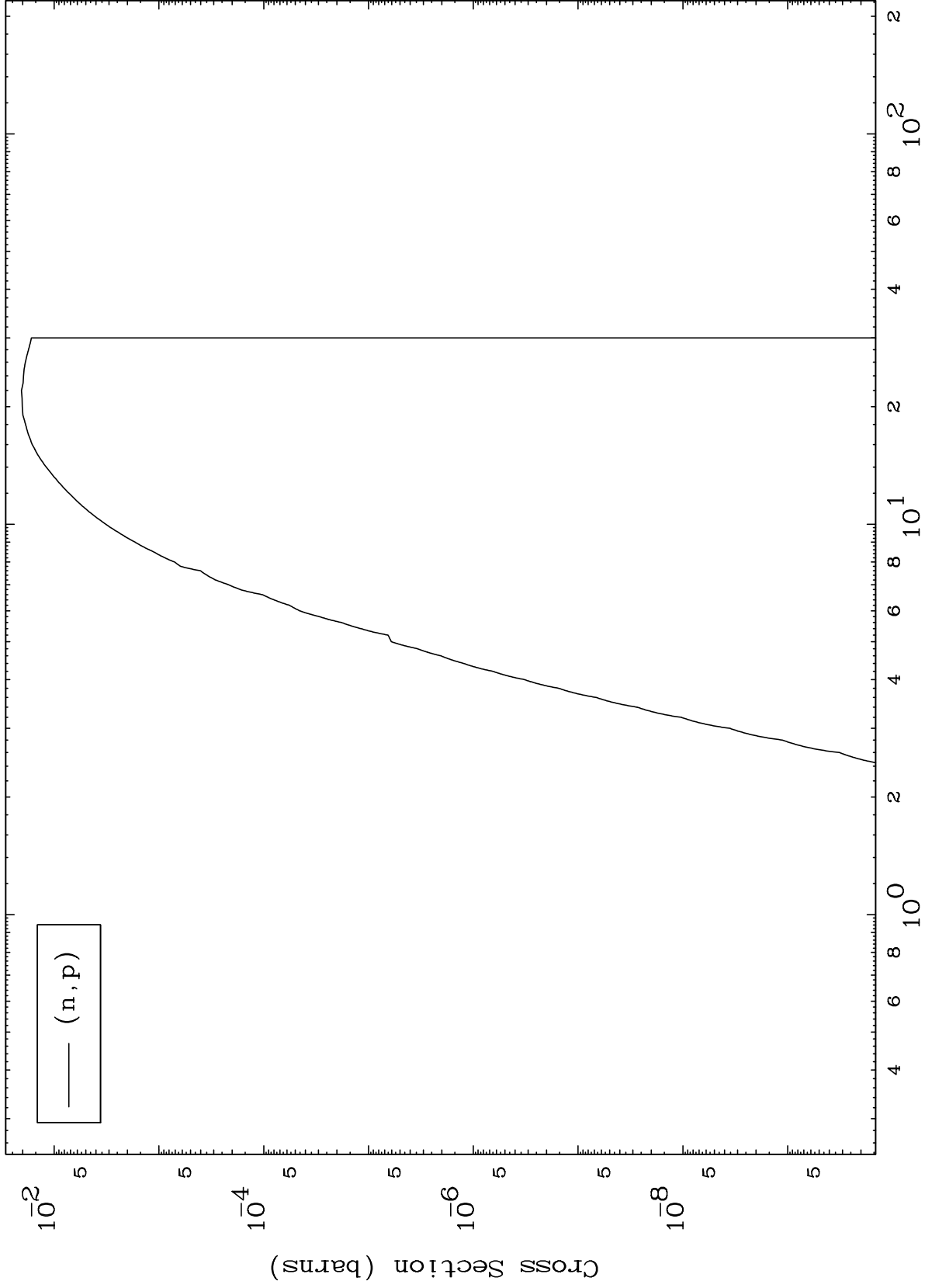
Incident Energy (MeV)

59-Pr-146

MAT 5940

(n,p) Levels
293 Kelvin Cross Sections

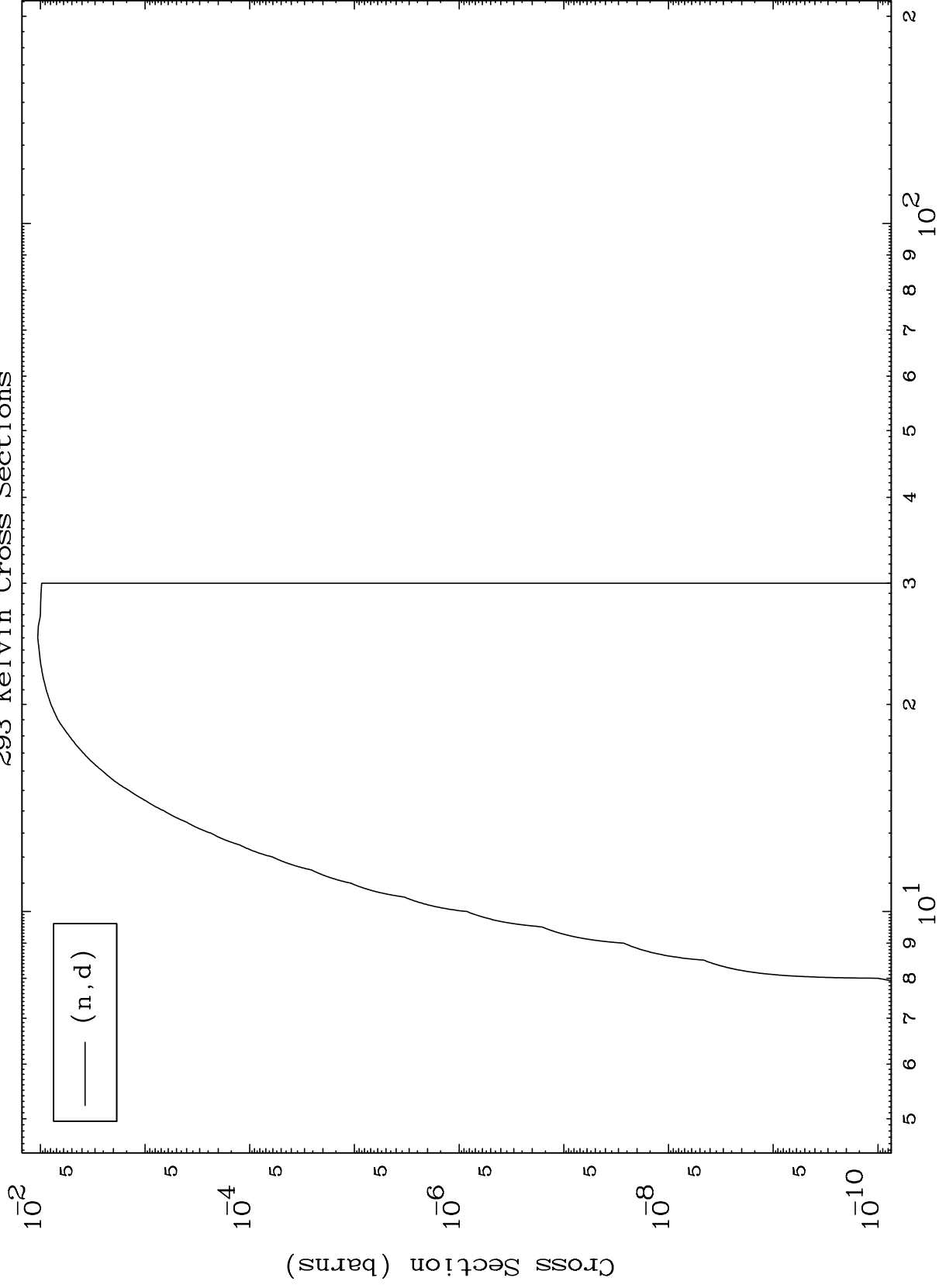
59-Pr-146



MAT 5940

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-146



12

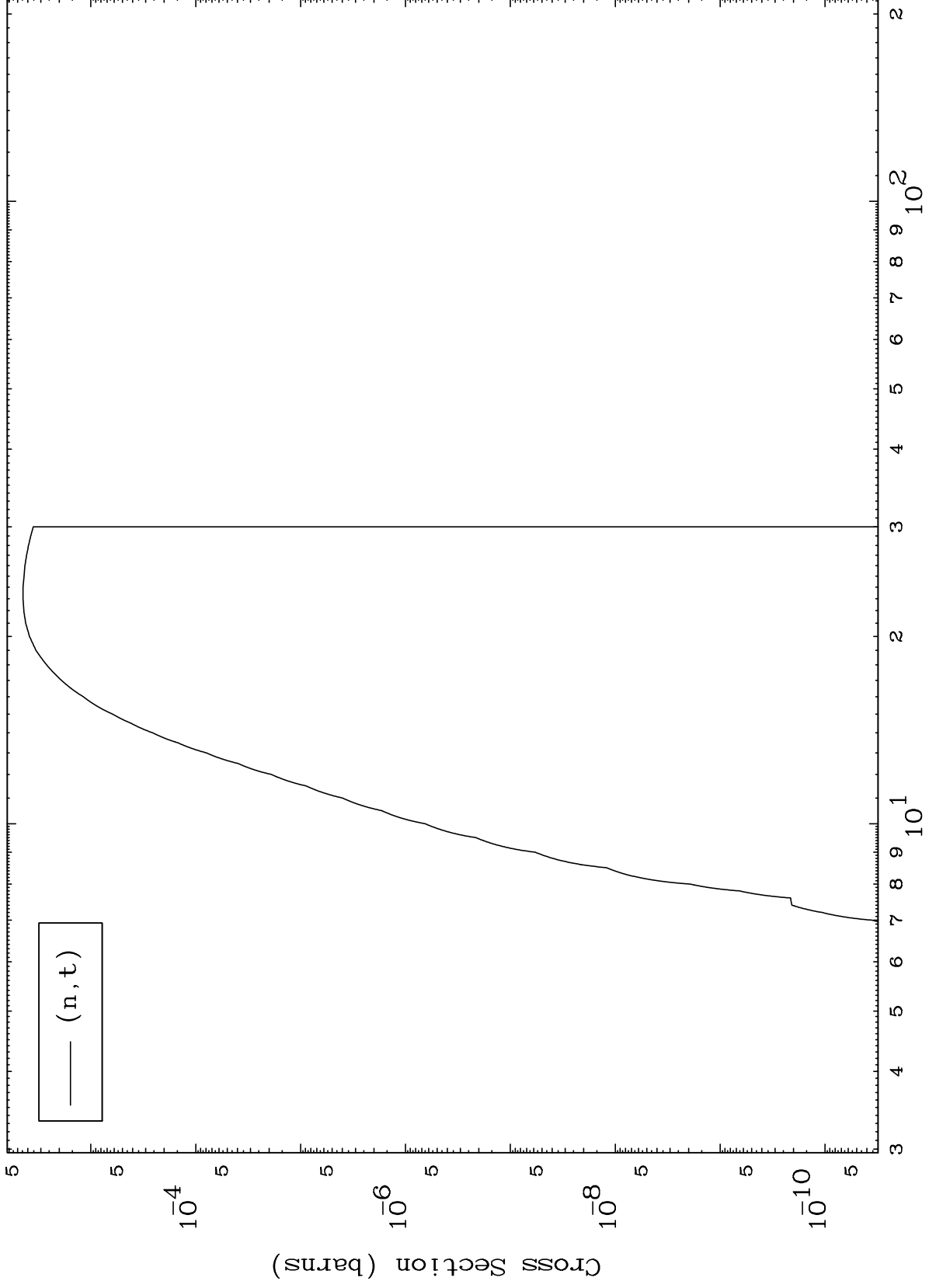
Incident Energy (MeV)

59-Pr-146

MAT 5940

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-146



13

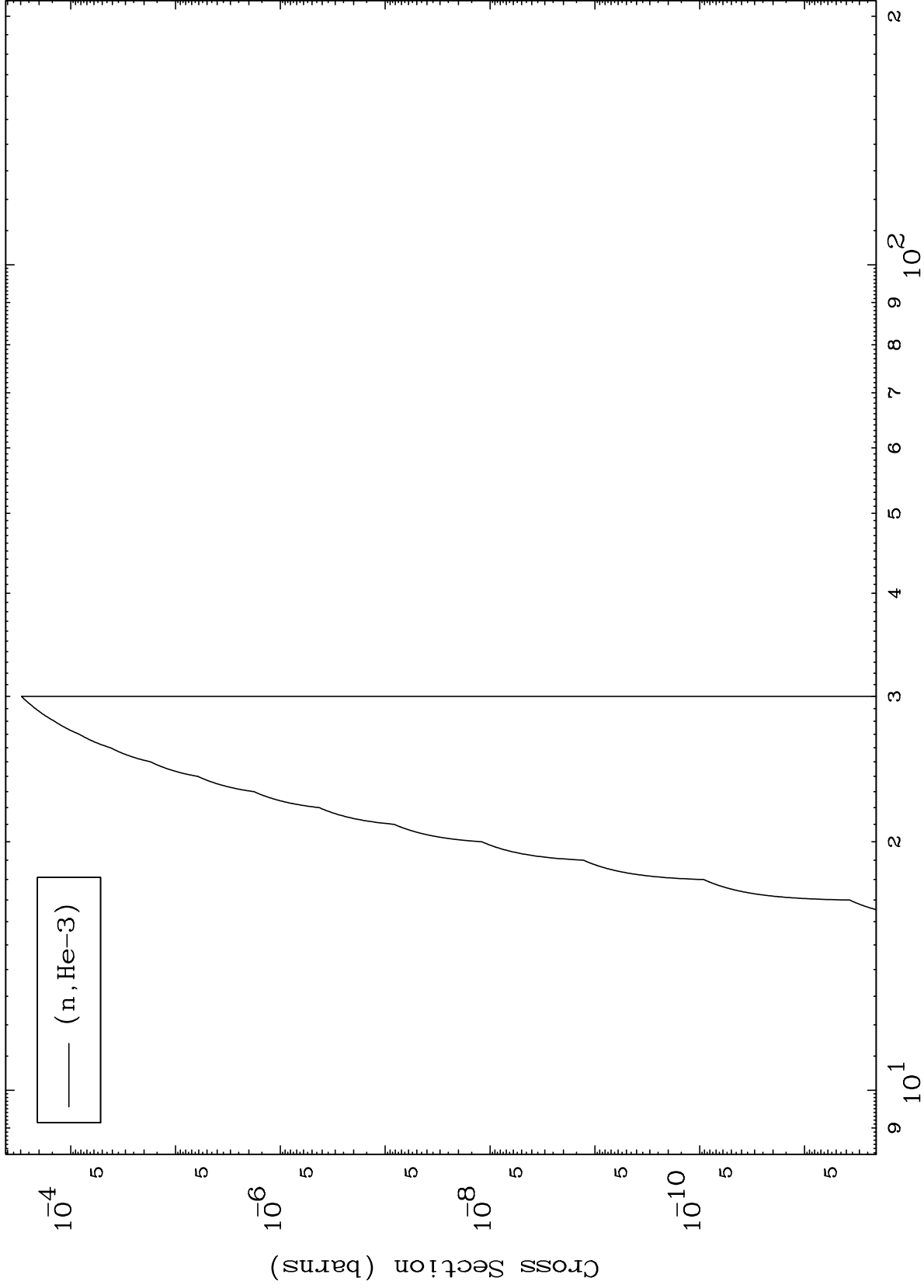
Incident Energy (MeV)

59-Pr-146

MAT 5940

(n,He3) Levels
293 Kelvin Cross Sections

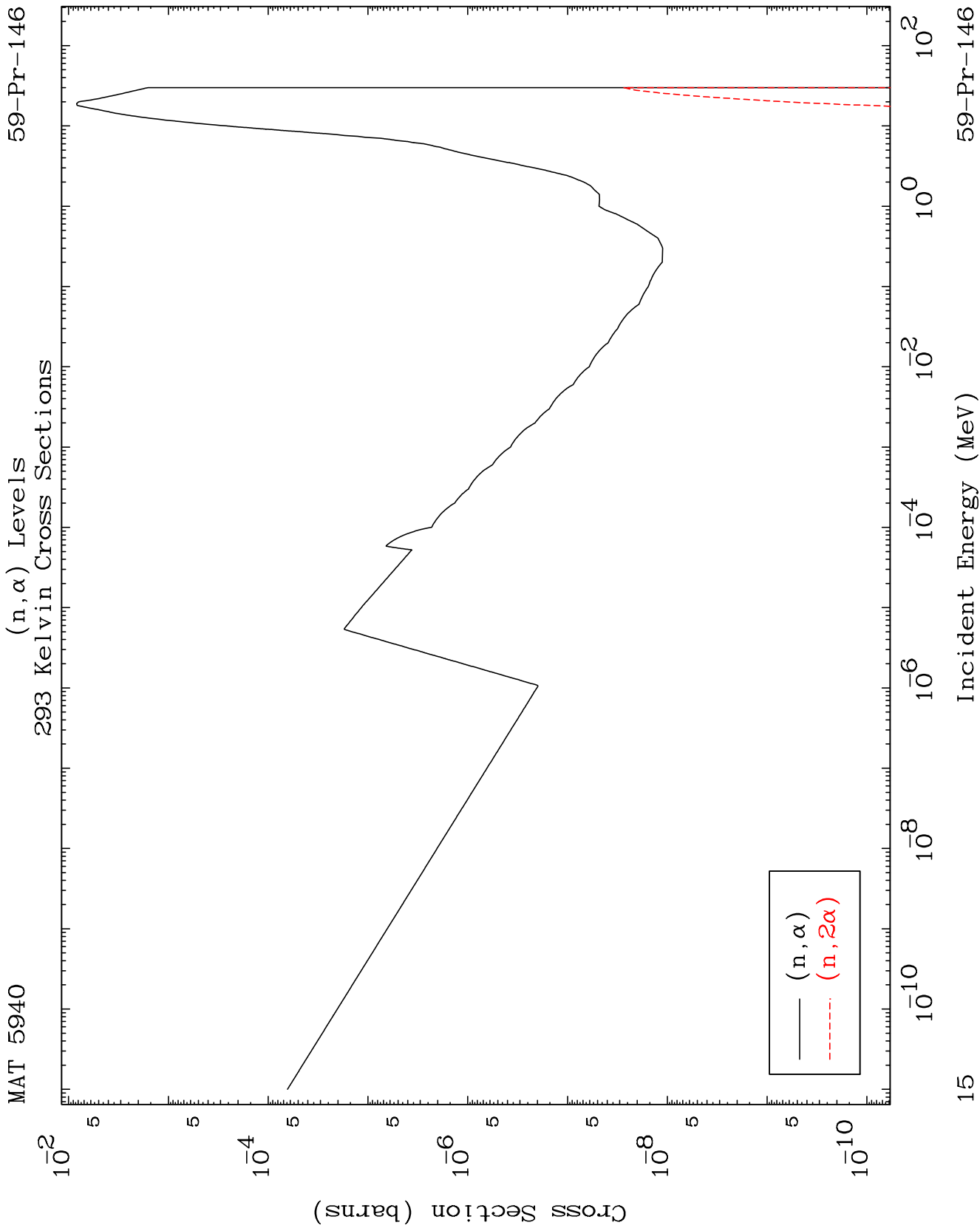
59-Pr-146



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Incident Energy (MeV)

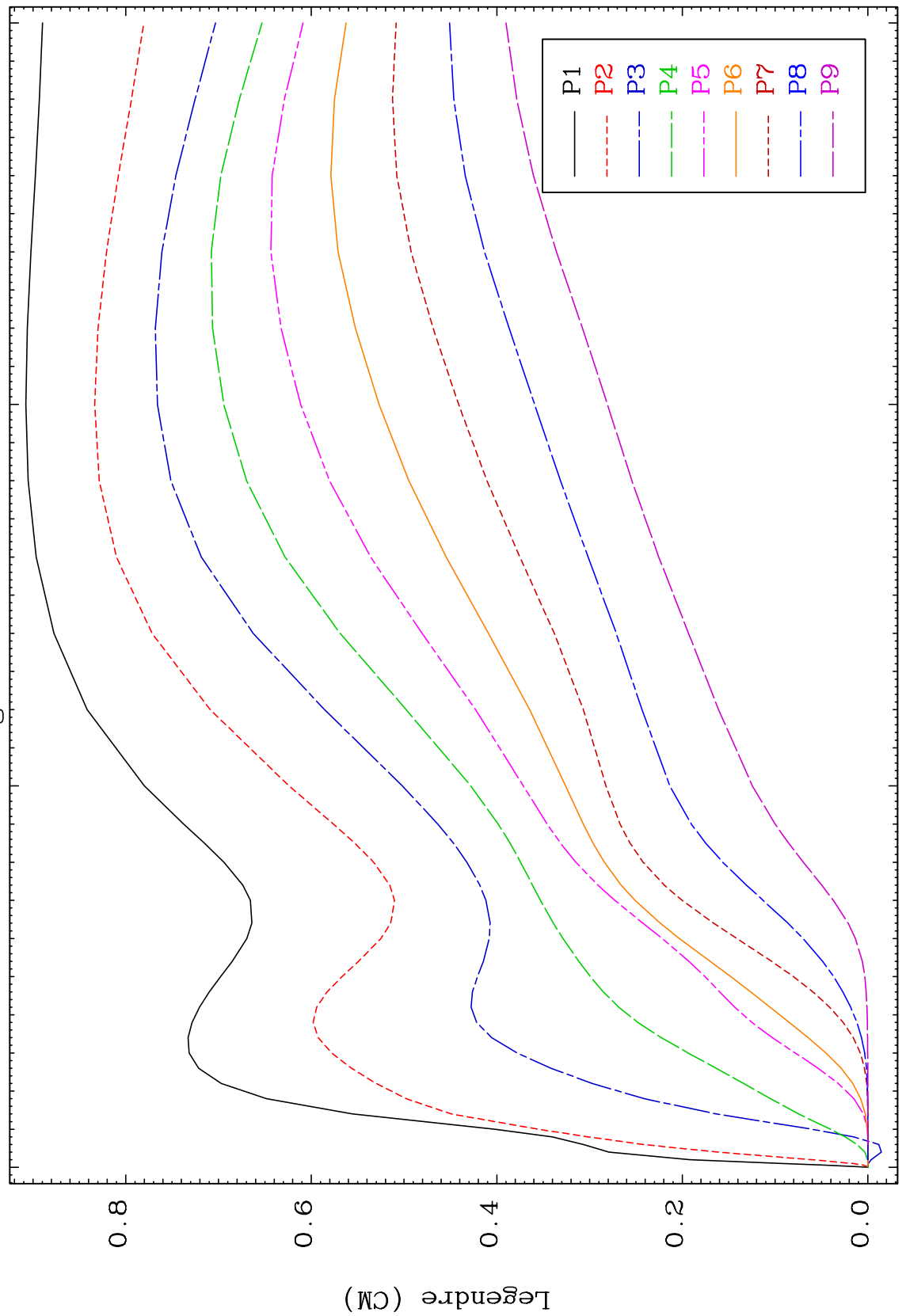
59-Pr-146



MAT 5940

59-Pr-146

Elastic Legendre Coefficients



59-Pr-146

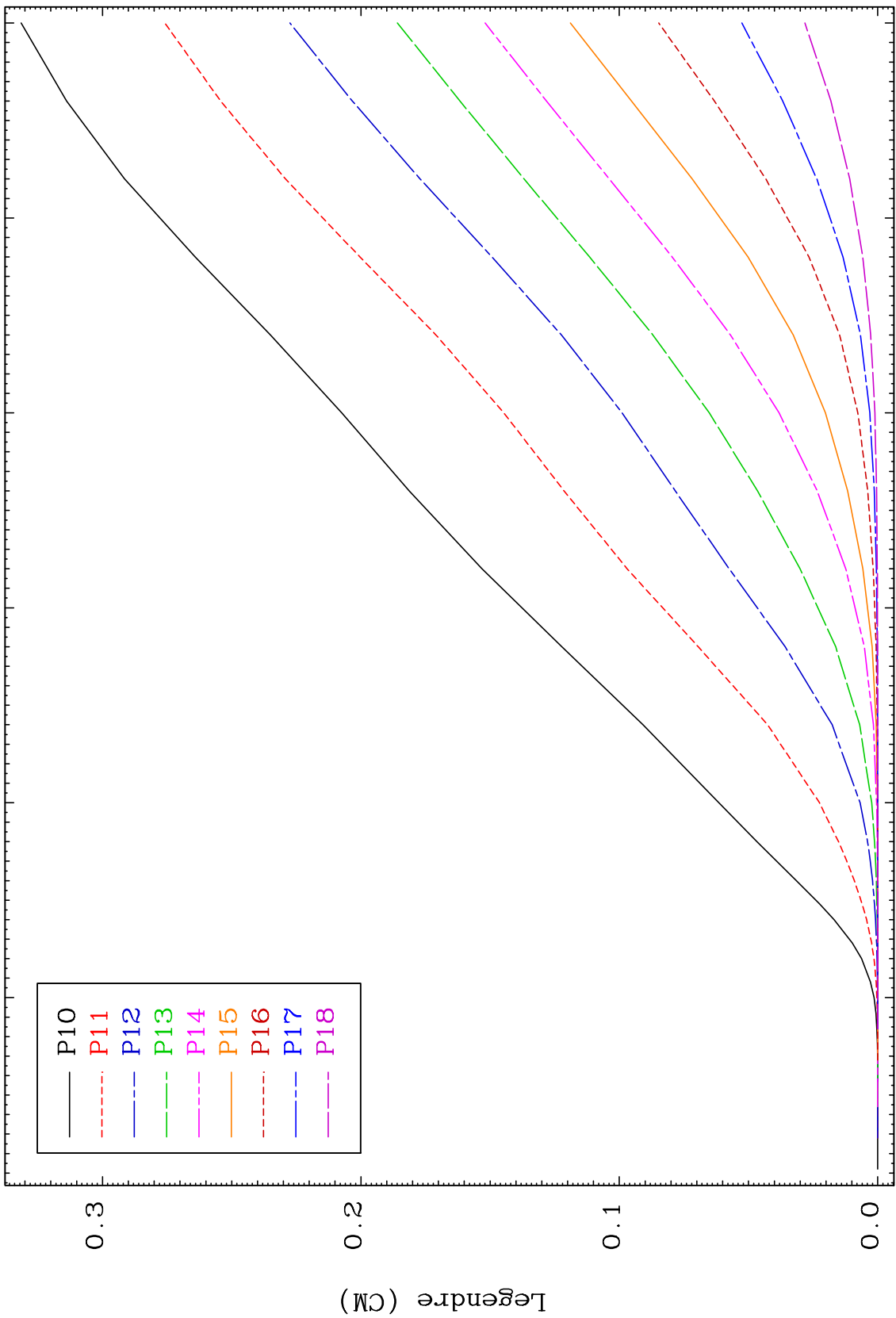
Incident Energy (MeV)

16

MAT 5940

Elastic Legendre Coefficients

59-Pr-146



17

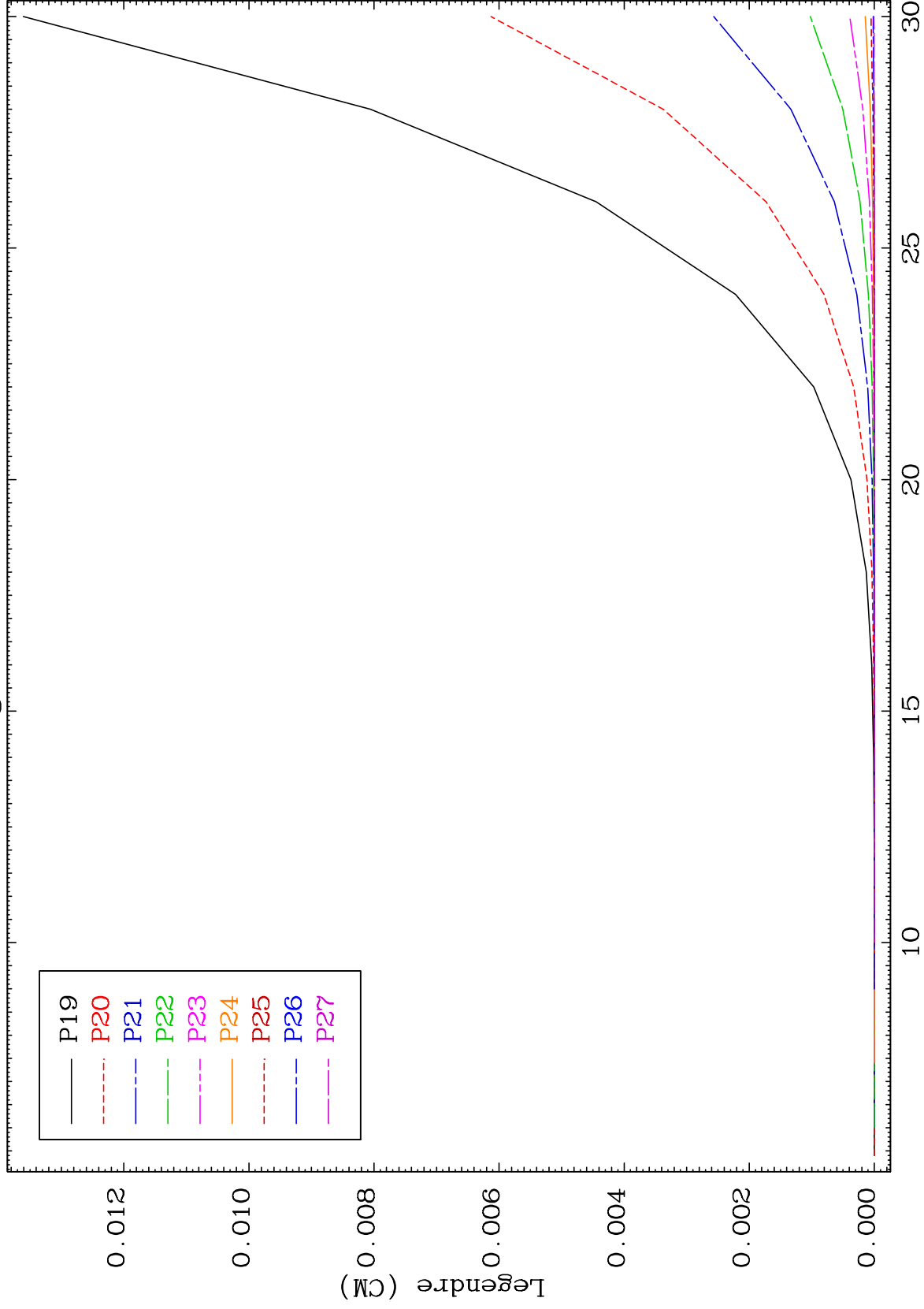
59-Pr-146

Incident Energy (MeV)

MAT 5940

Elastic Legendre Coefficients

59-Pr-146



18

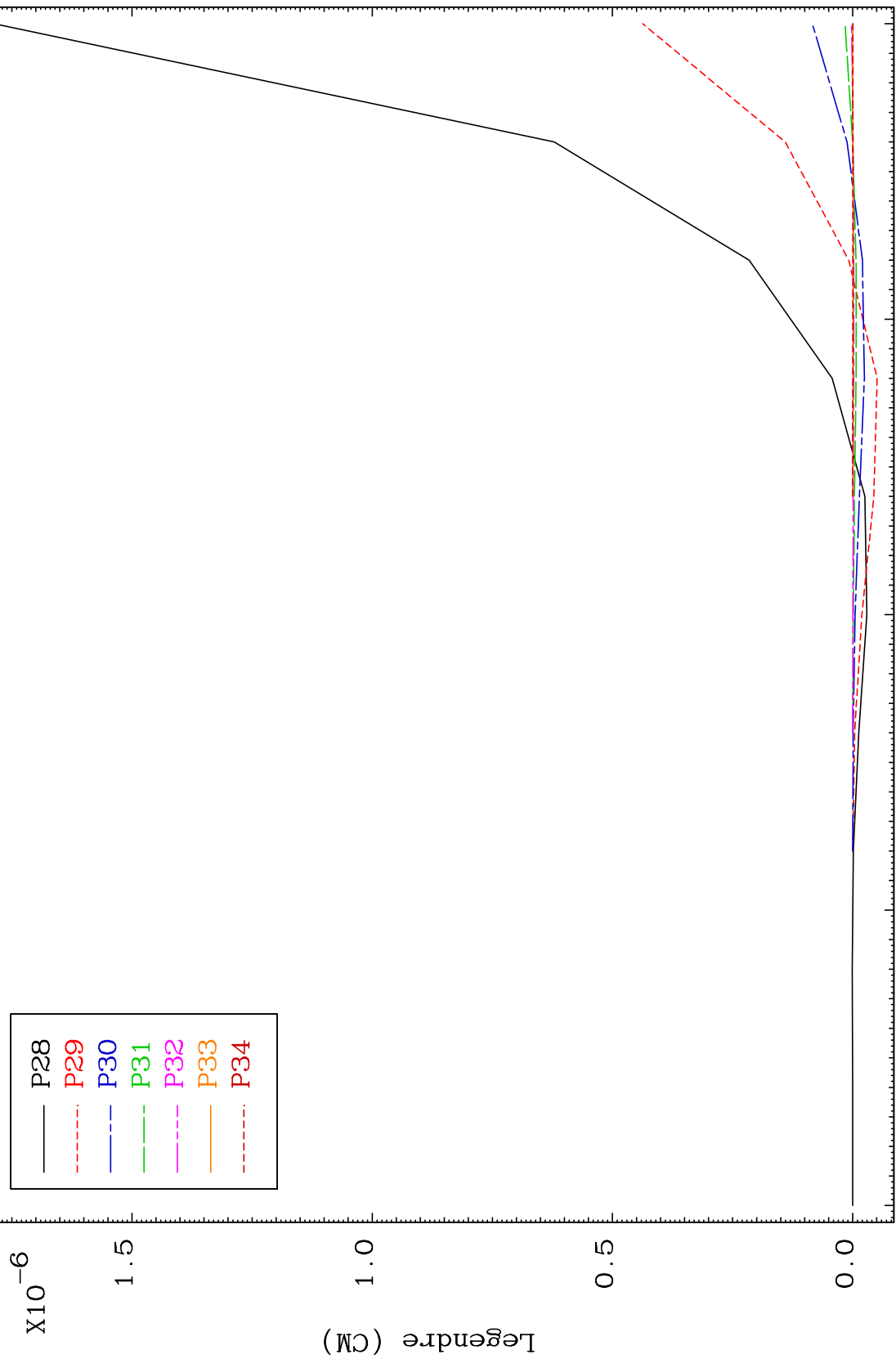
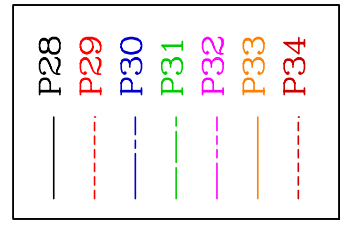
Incident Energy (MeV)

59-Pr-146

MAT 5940

Elastic Legendre Coefficients

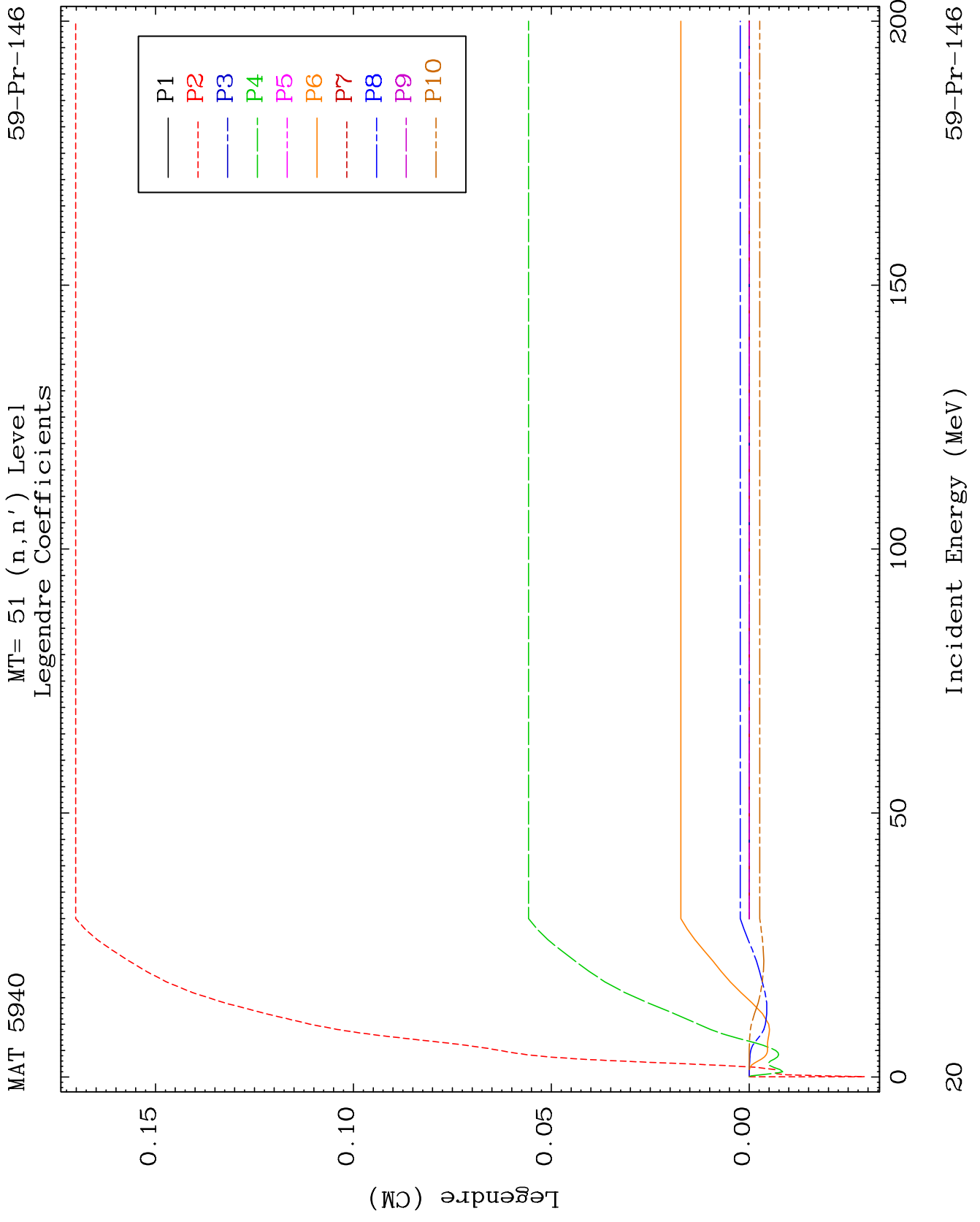
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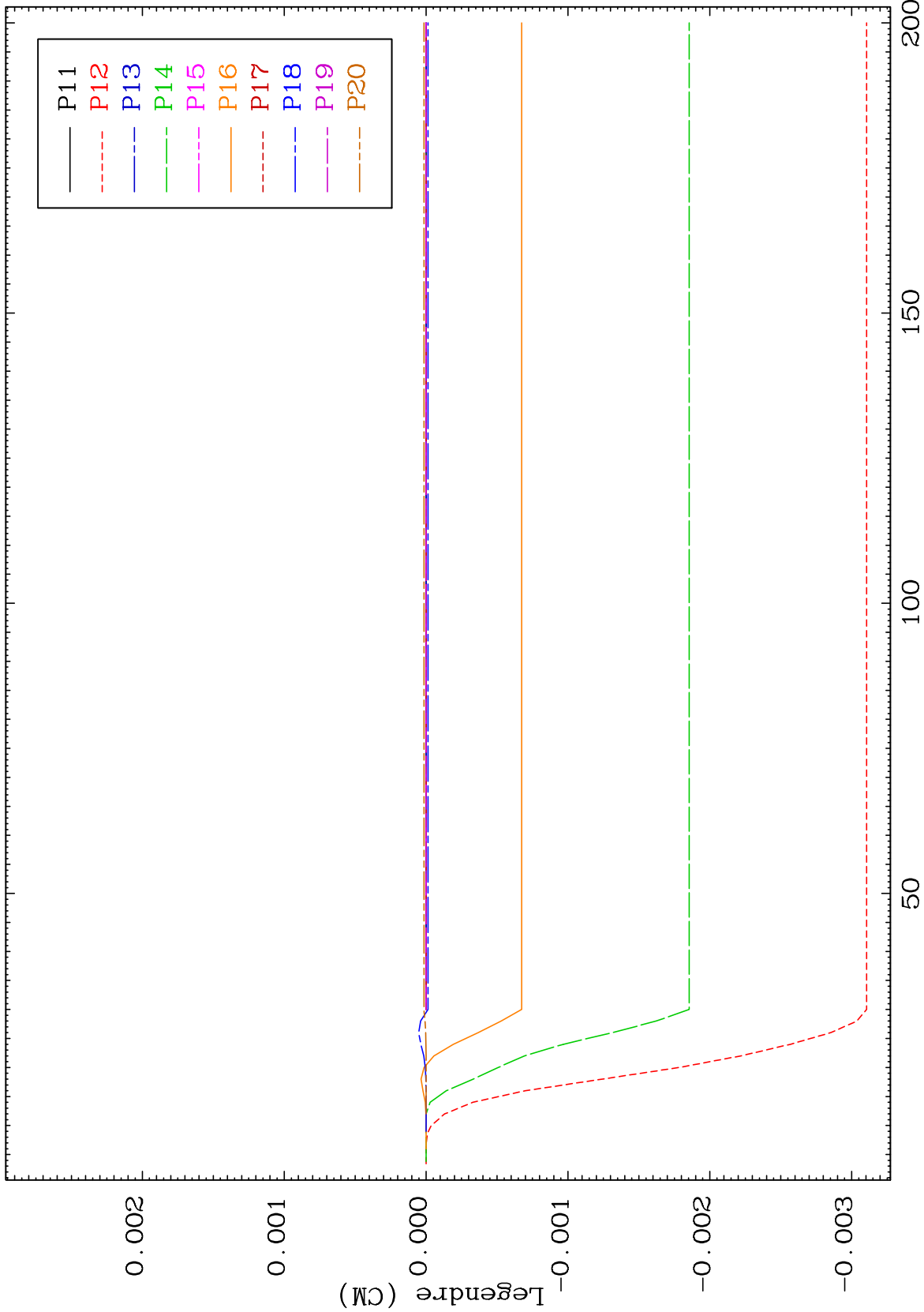


19

Incident Energy (MeV)

59-Pr-146

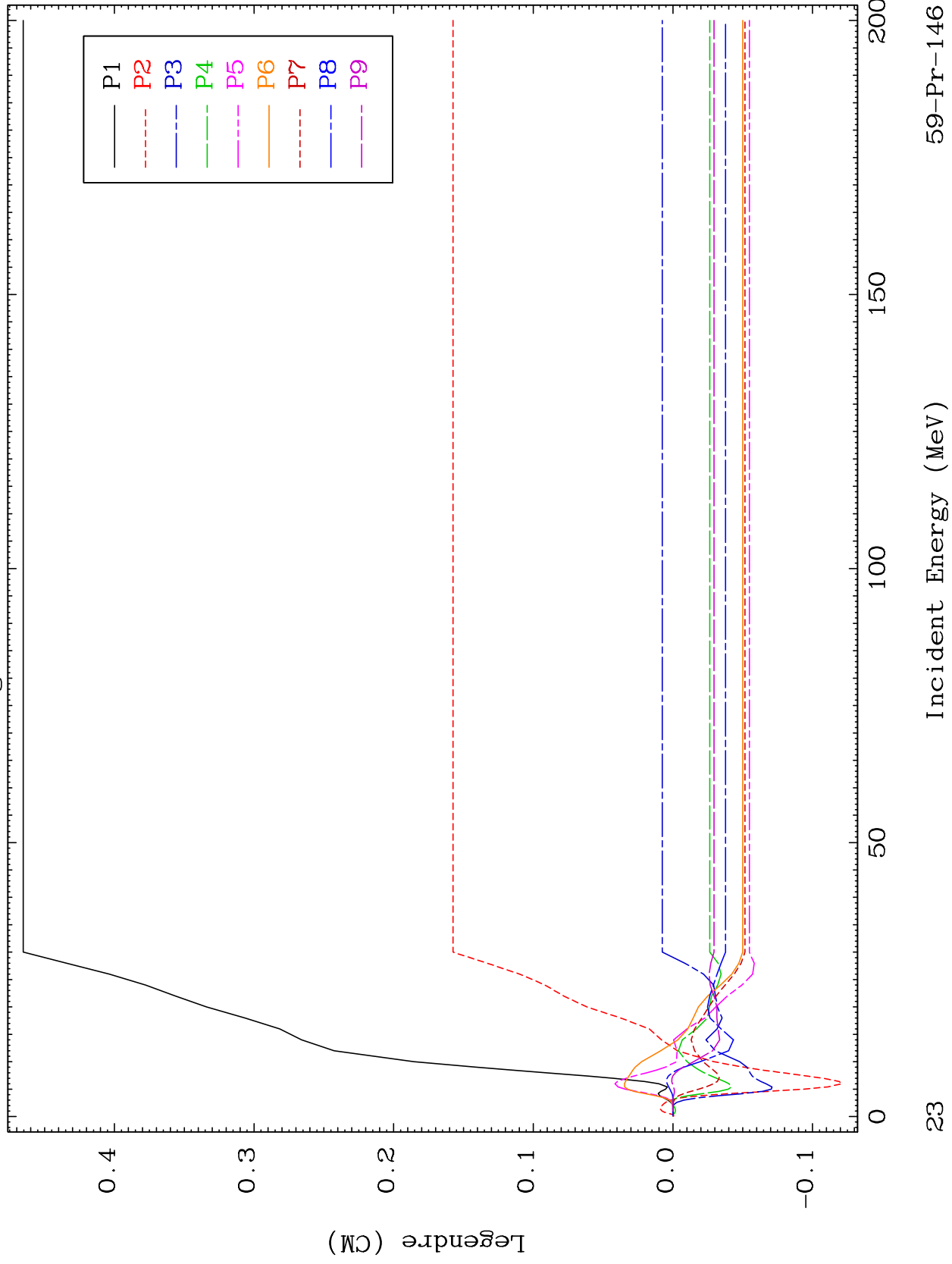




MAT 5940

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

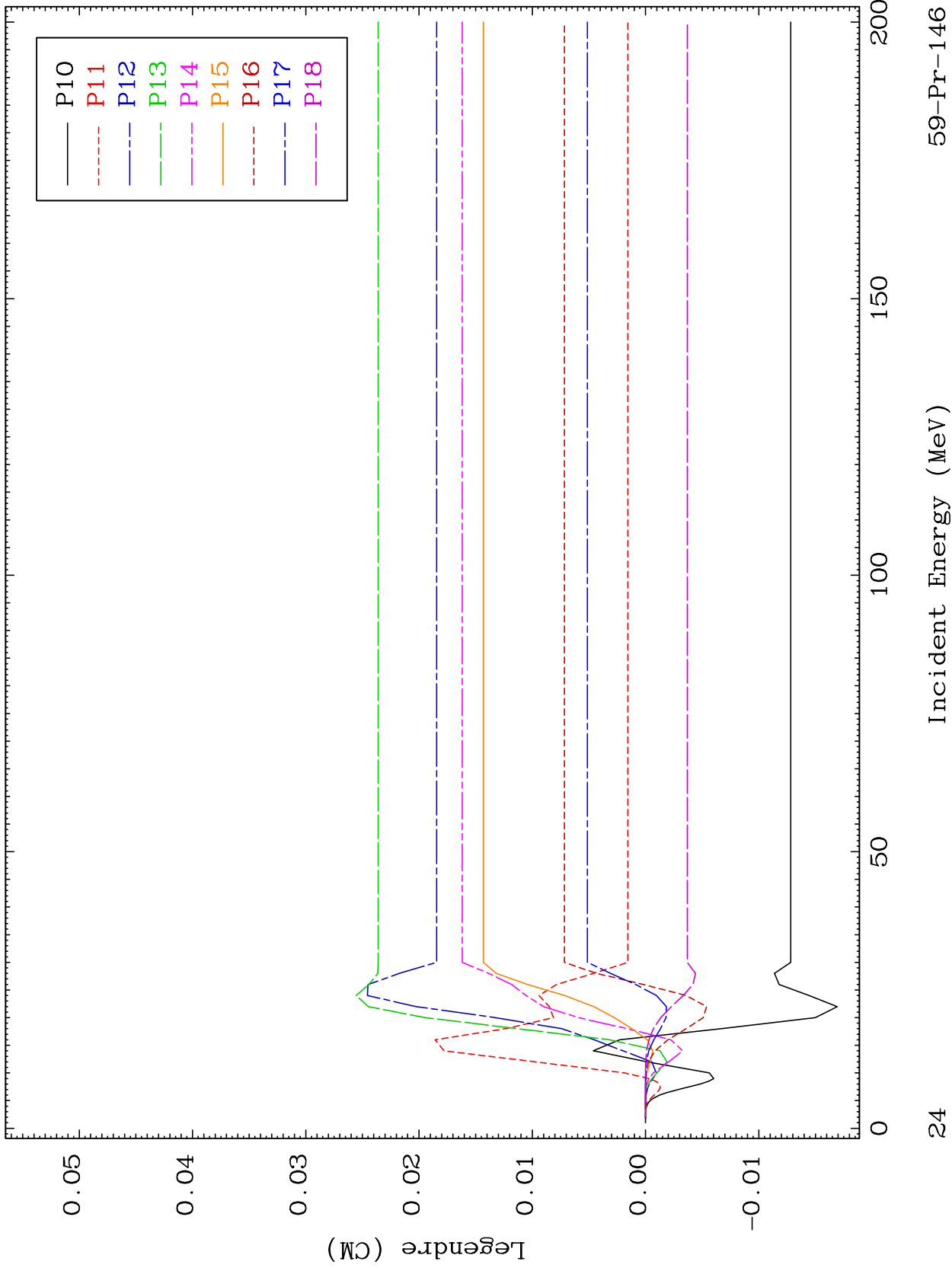
59-Pr-146



MAT 5940

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

59-Pr-146



24

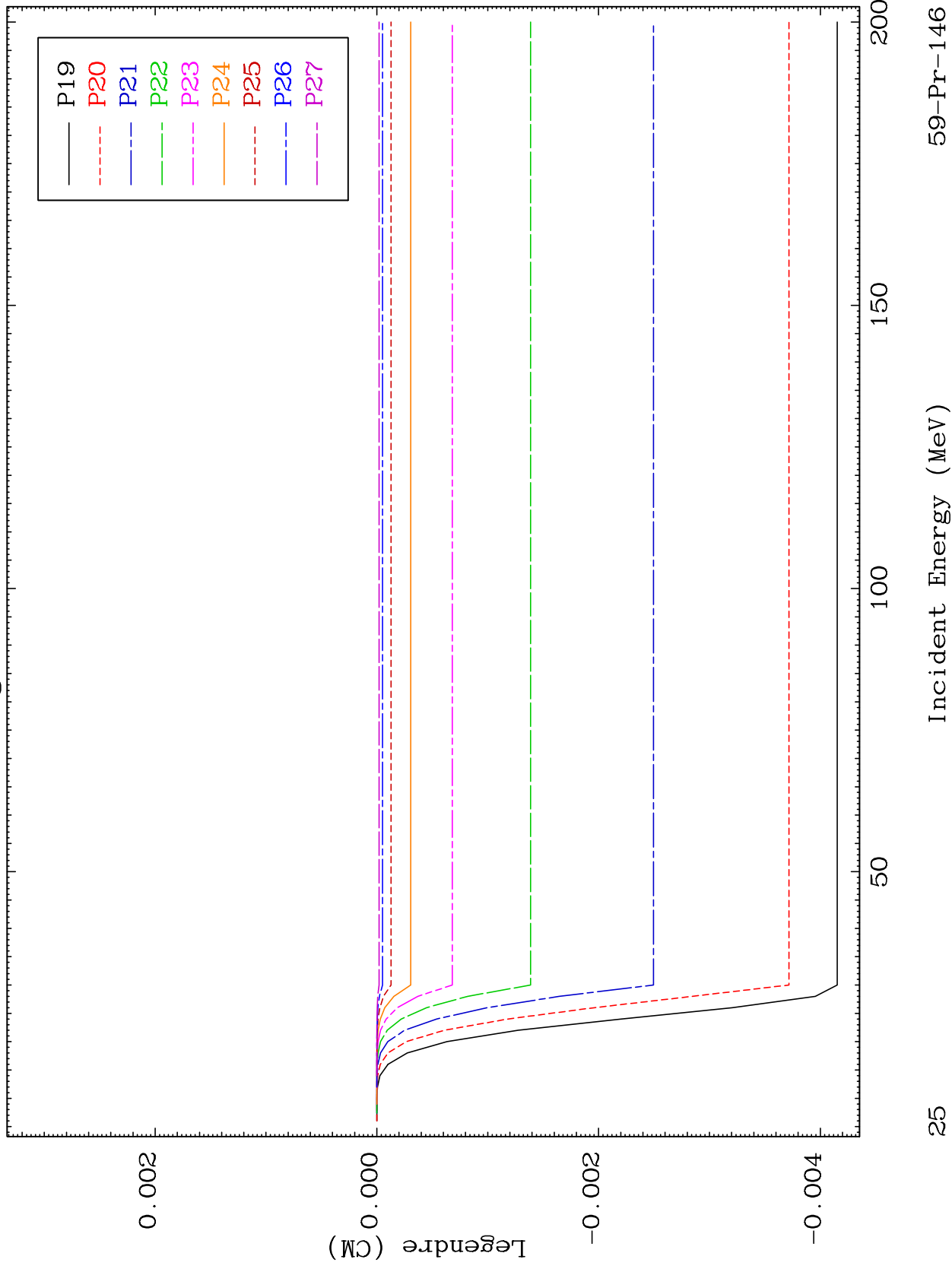
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



25

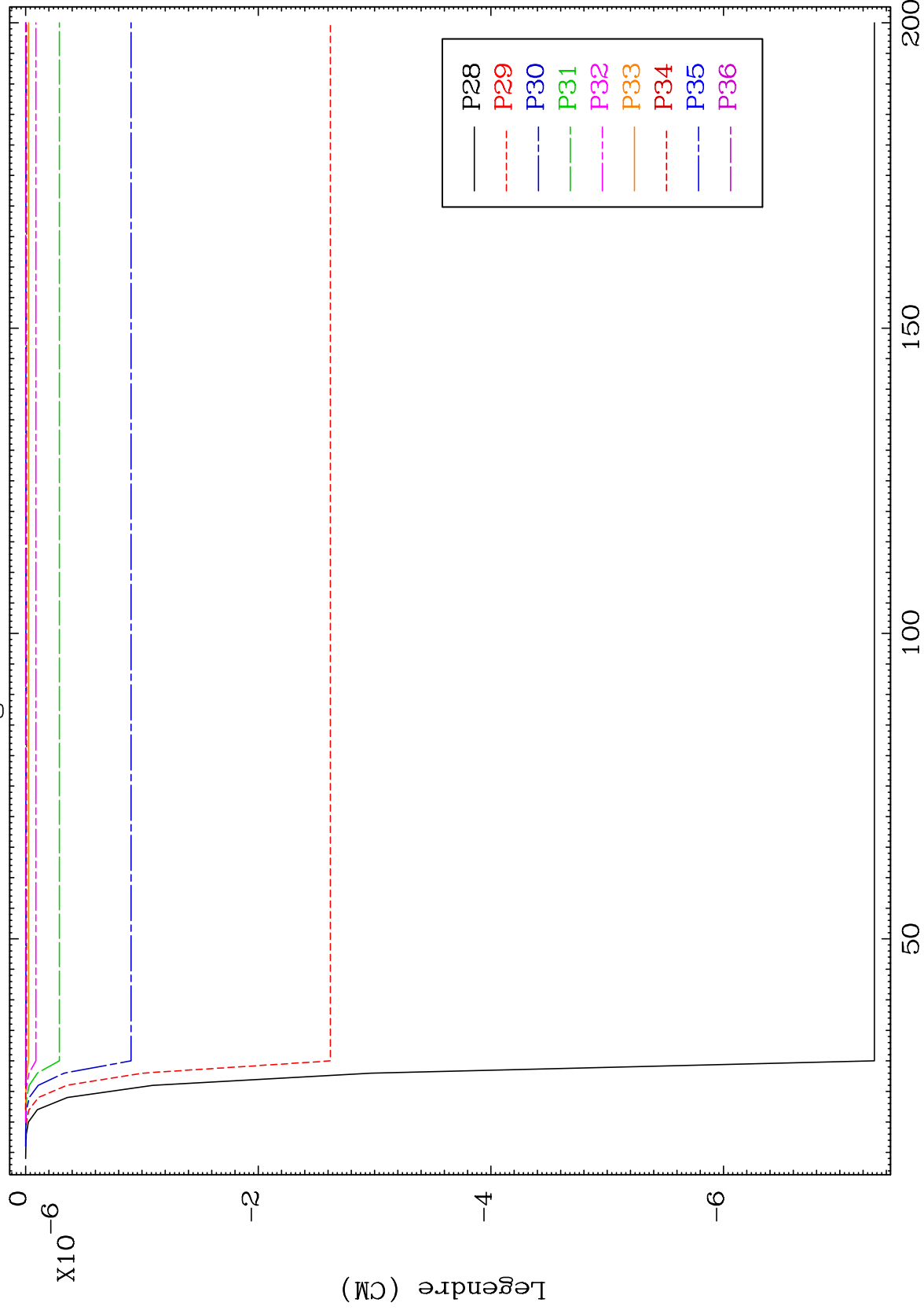
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



26

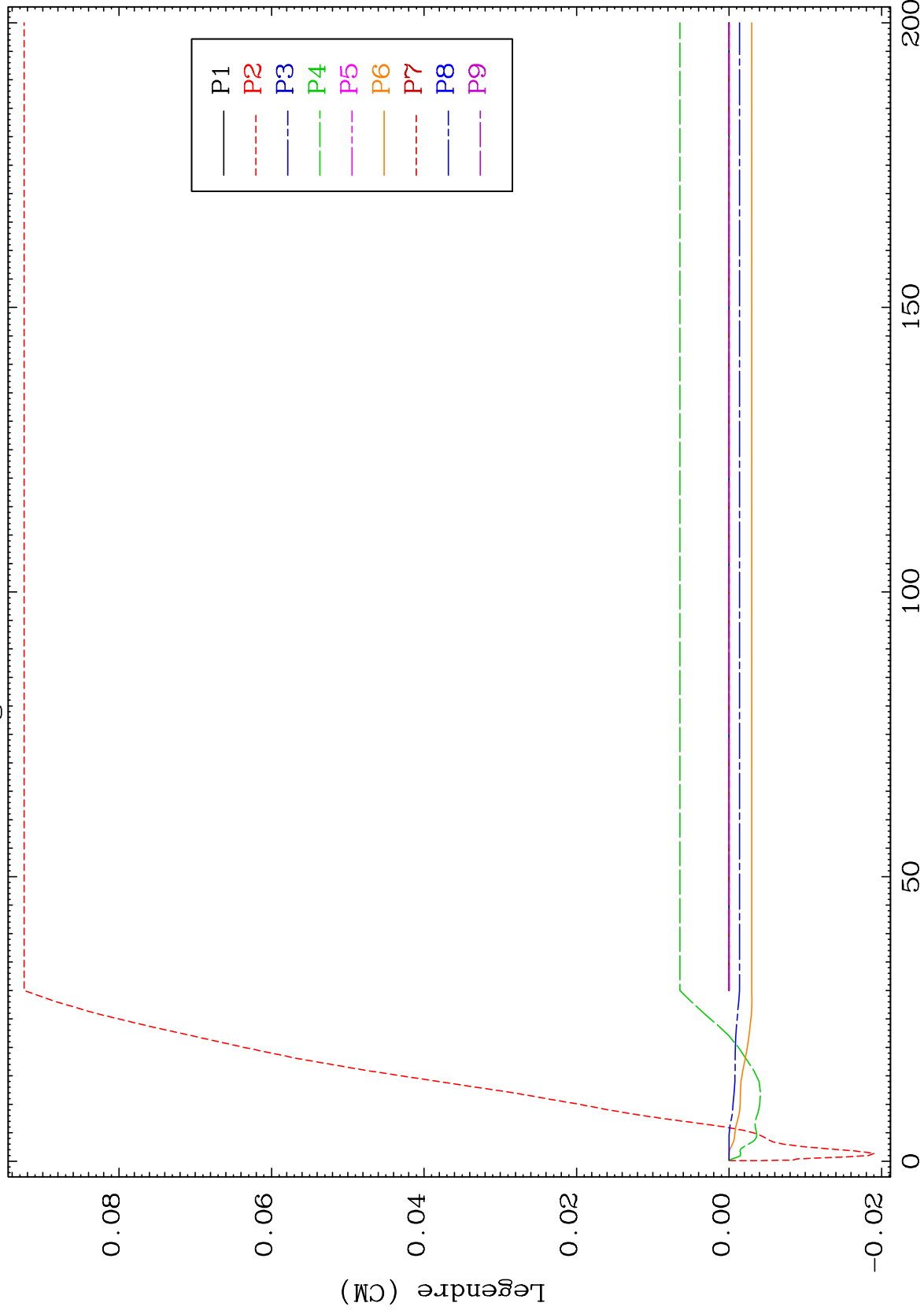
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



27

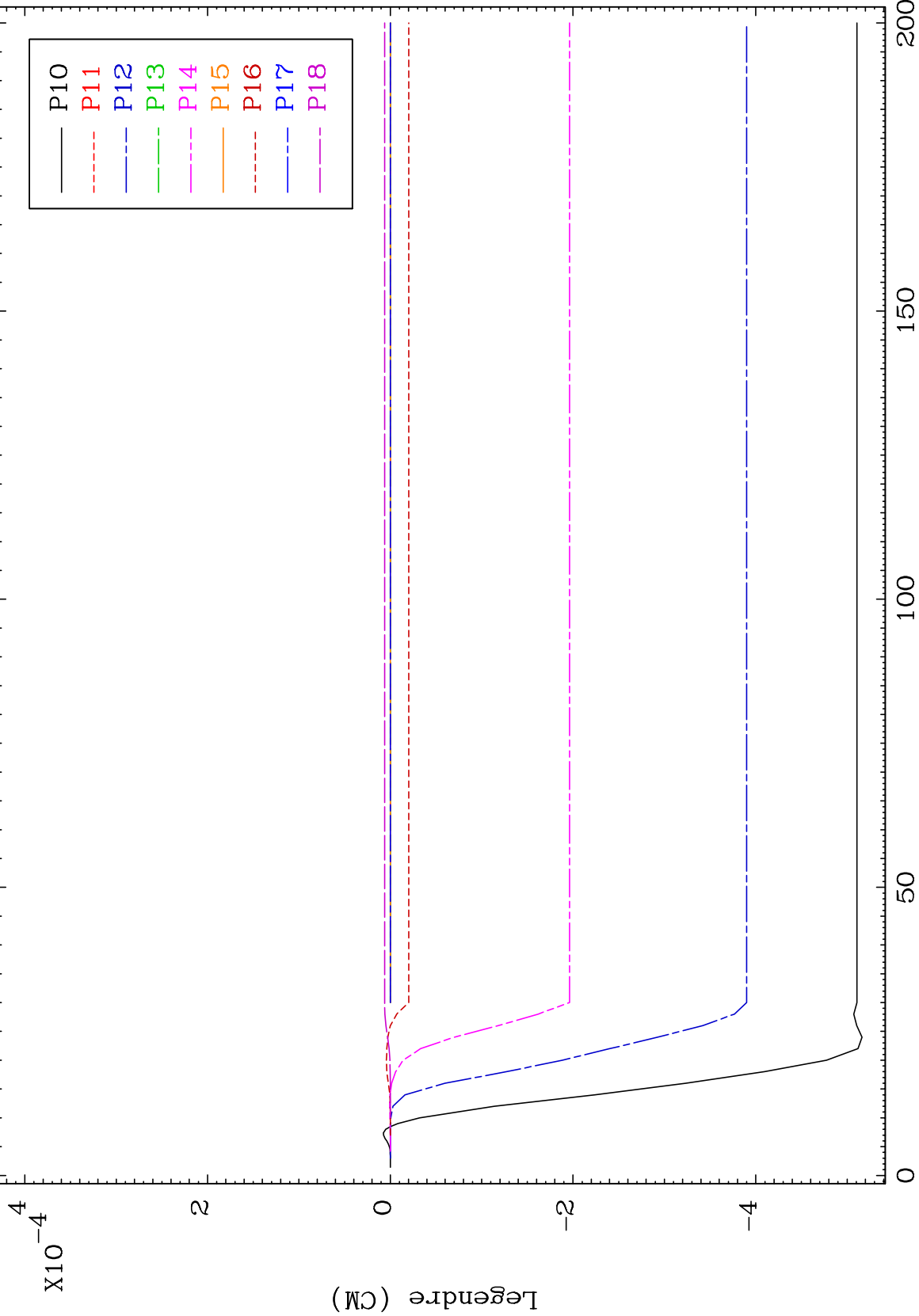
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

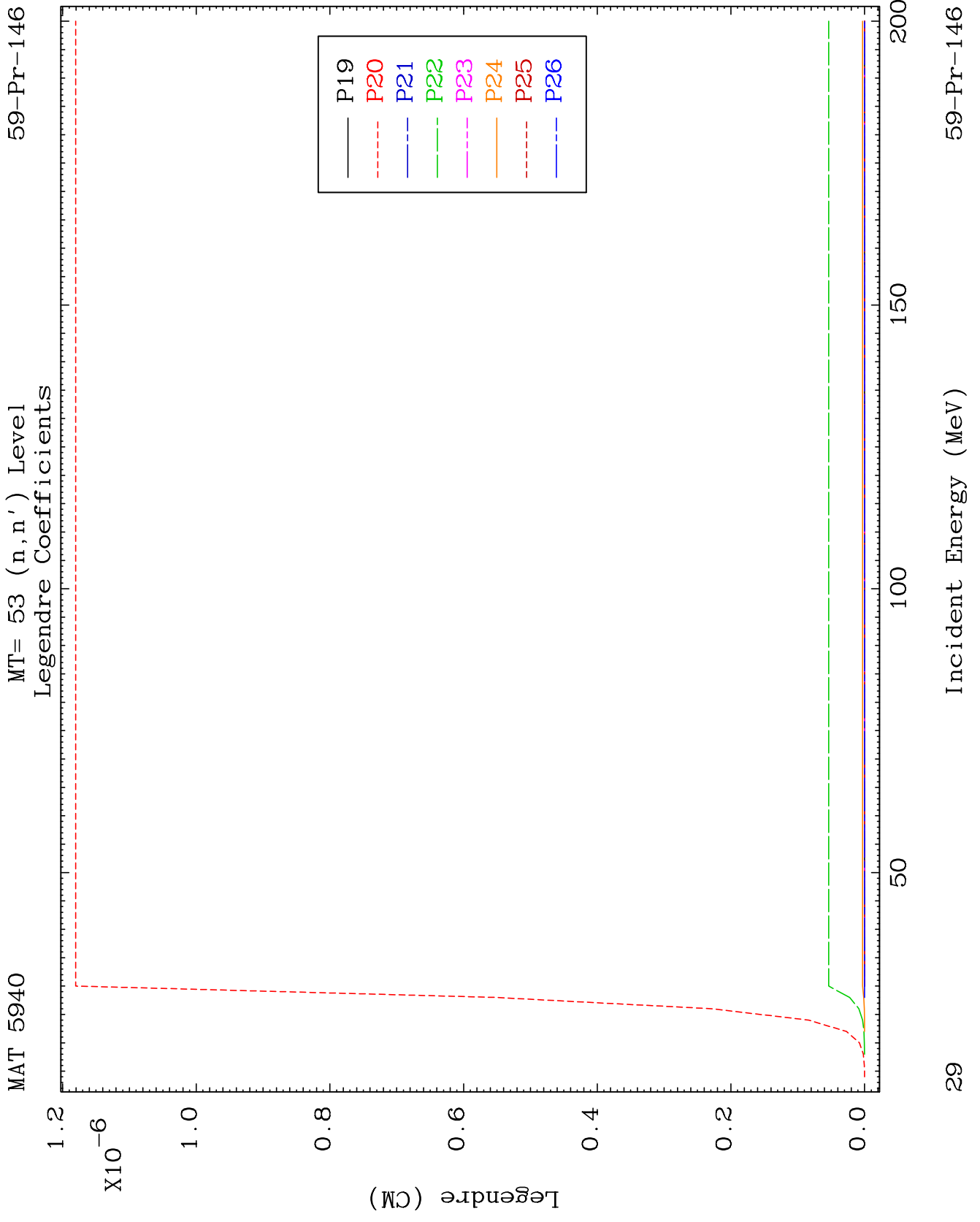
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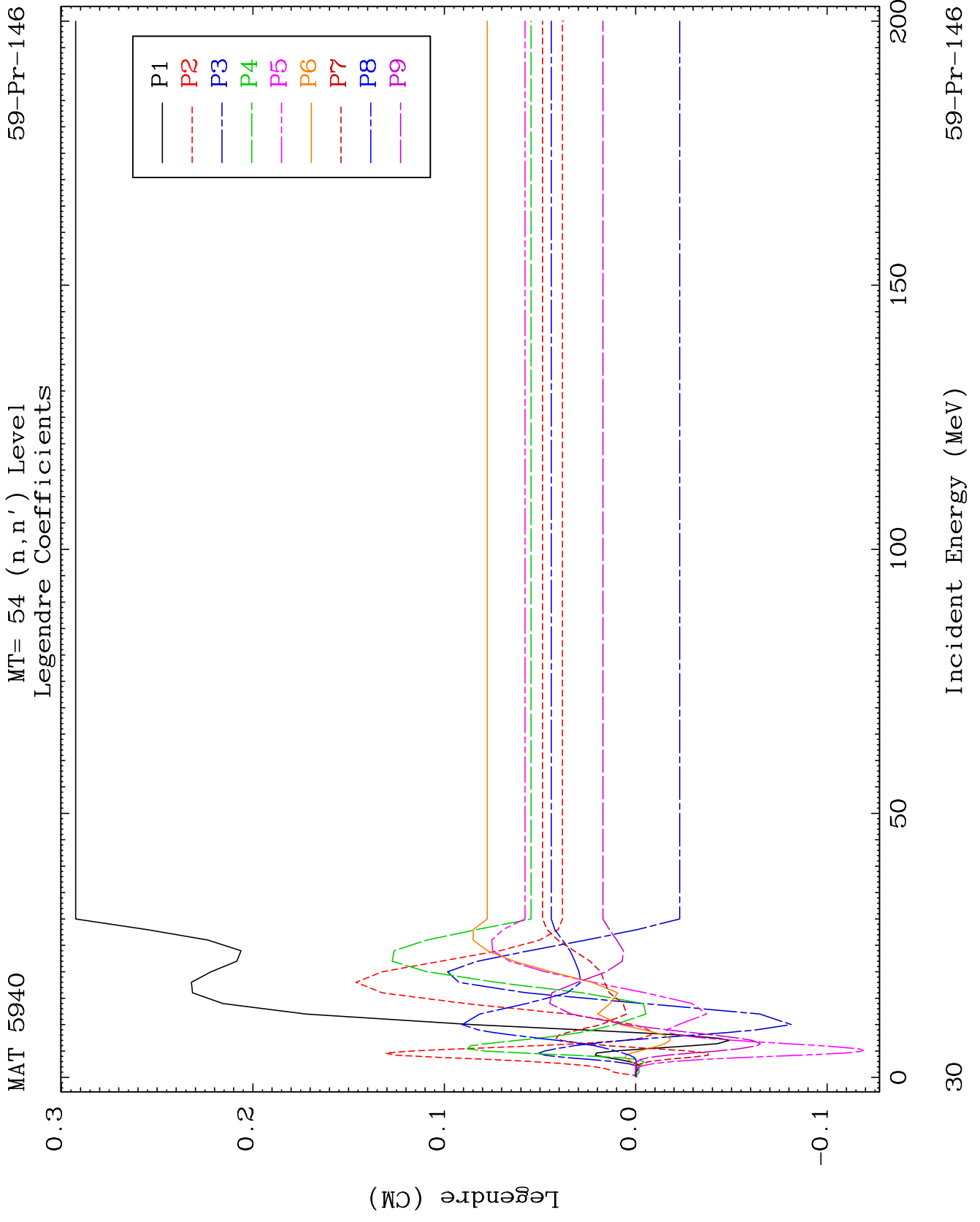


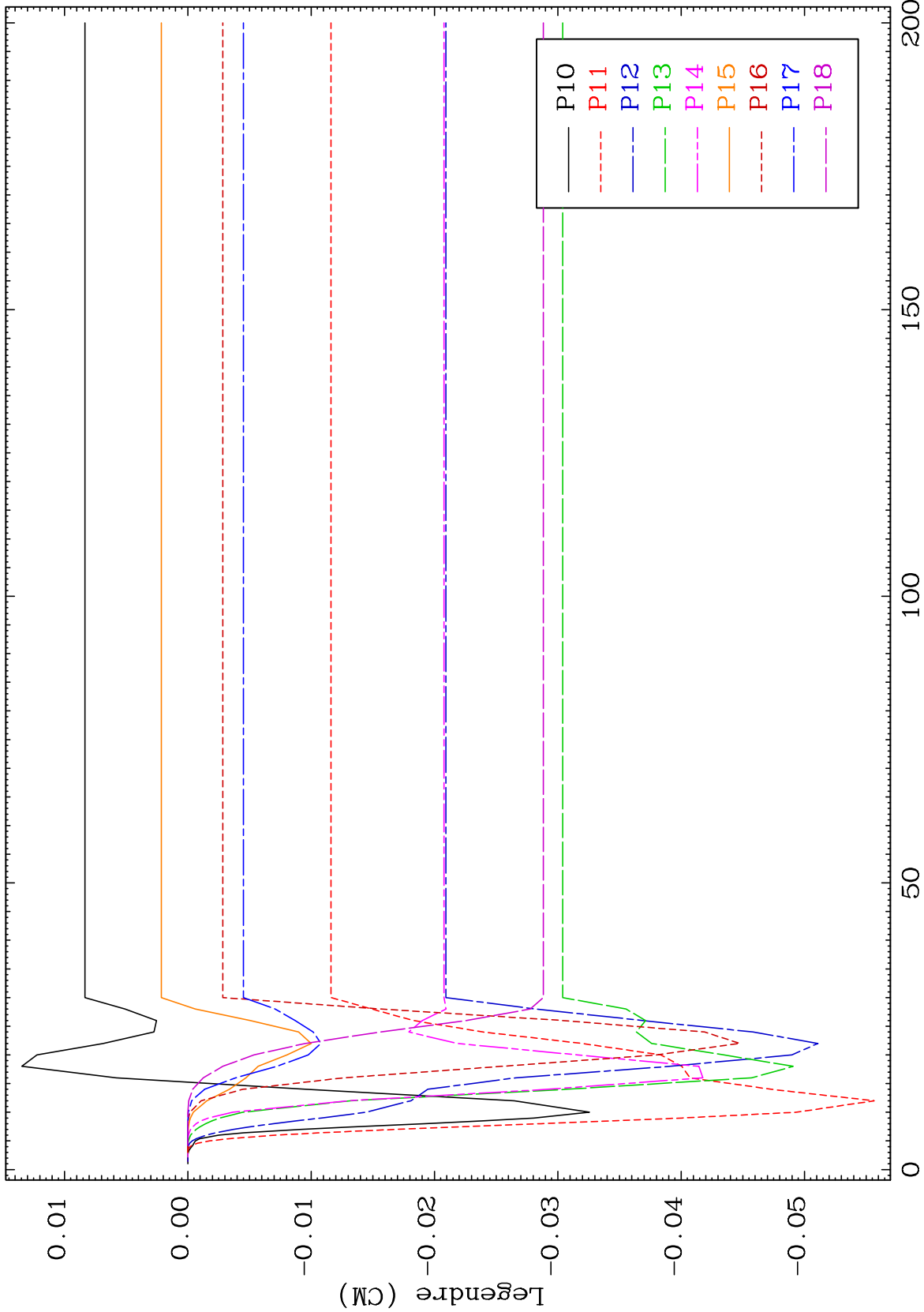
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Incident Energy (MeV)

59-Pr-146



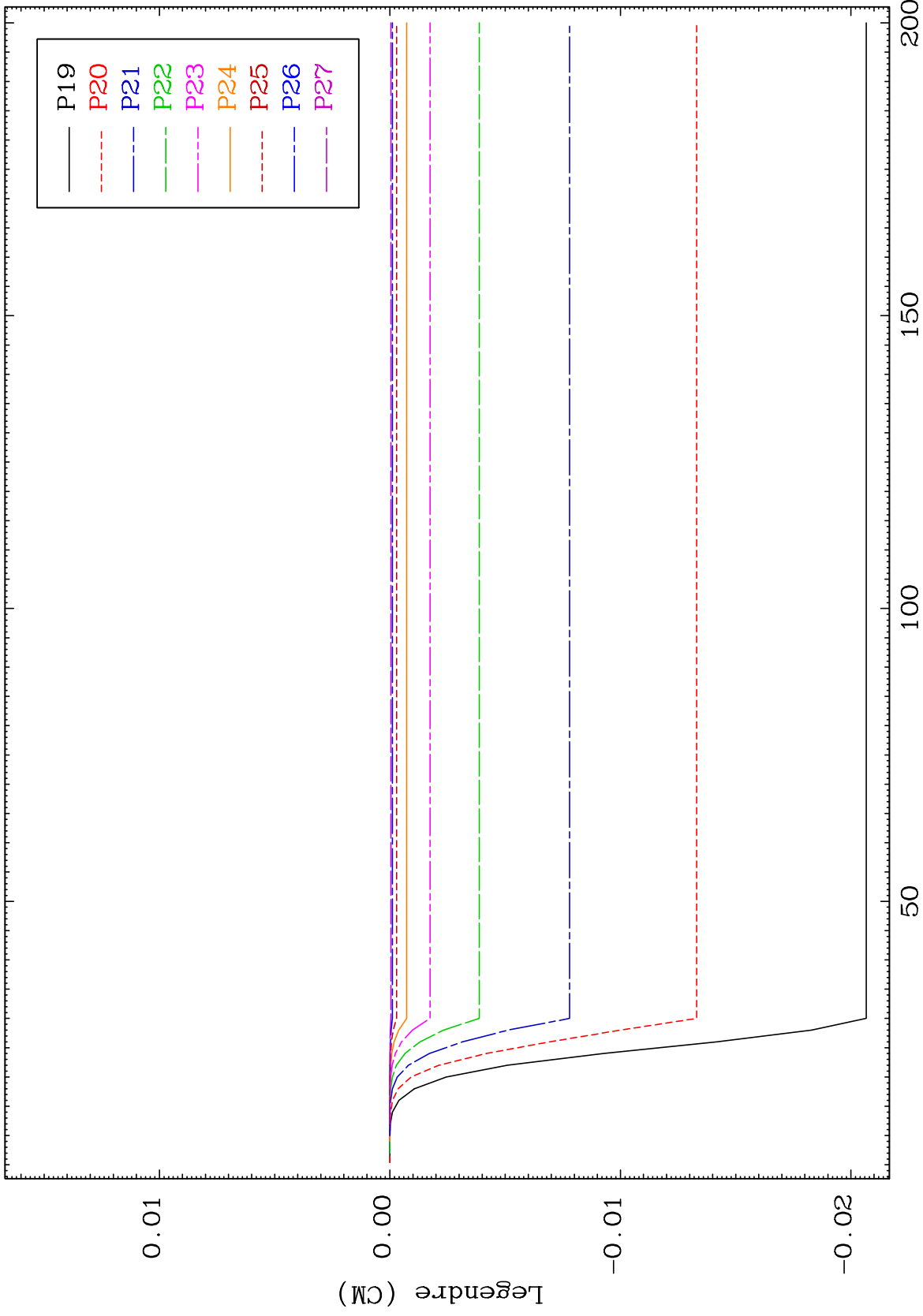




MAT 5940

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

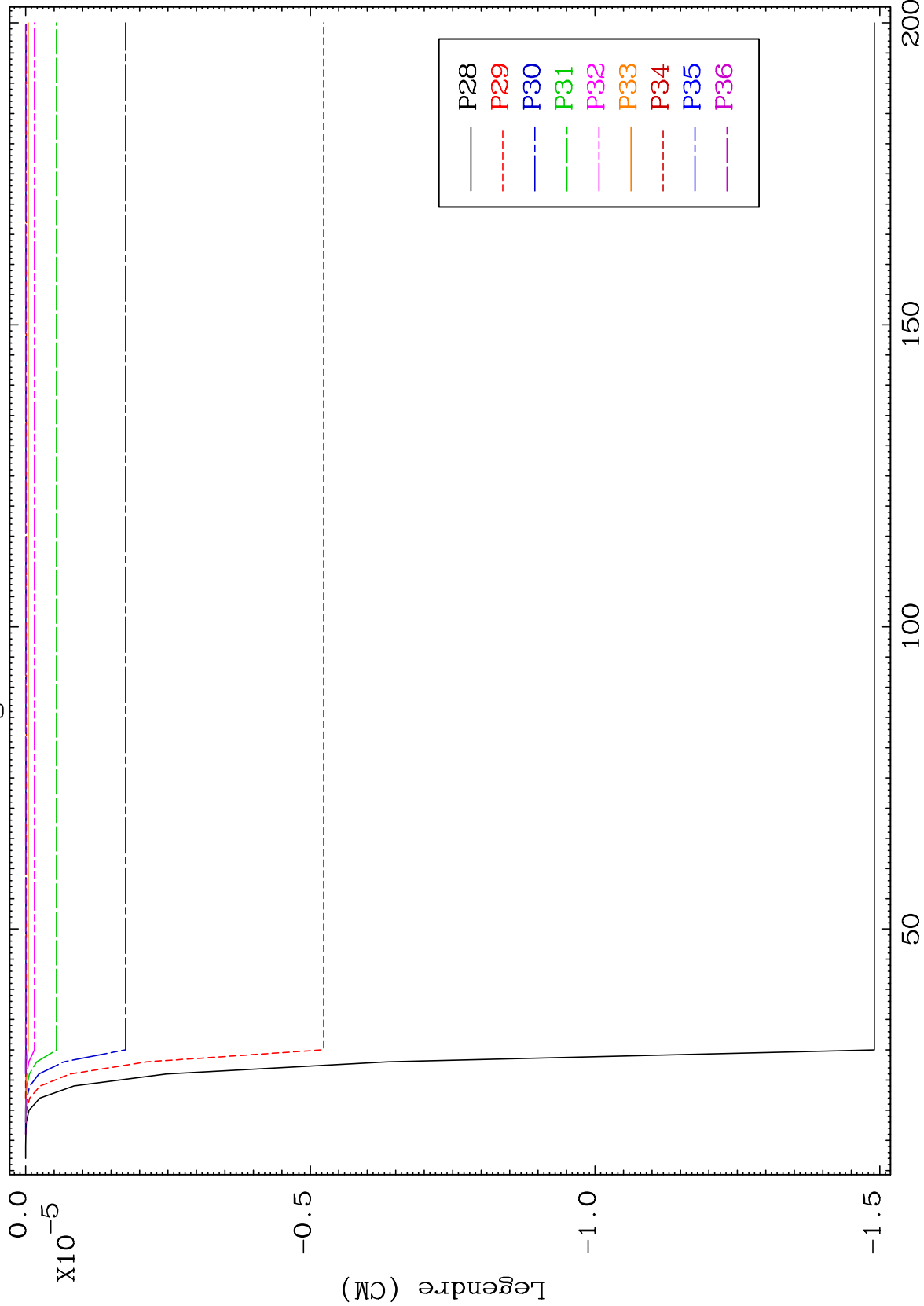
59-Pr-146



32

Incident Energy (MeV)

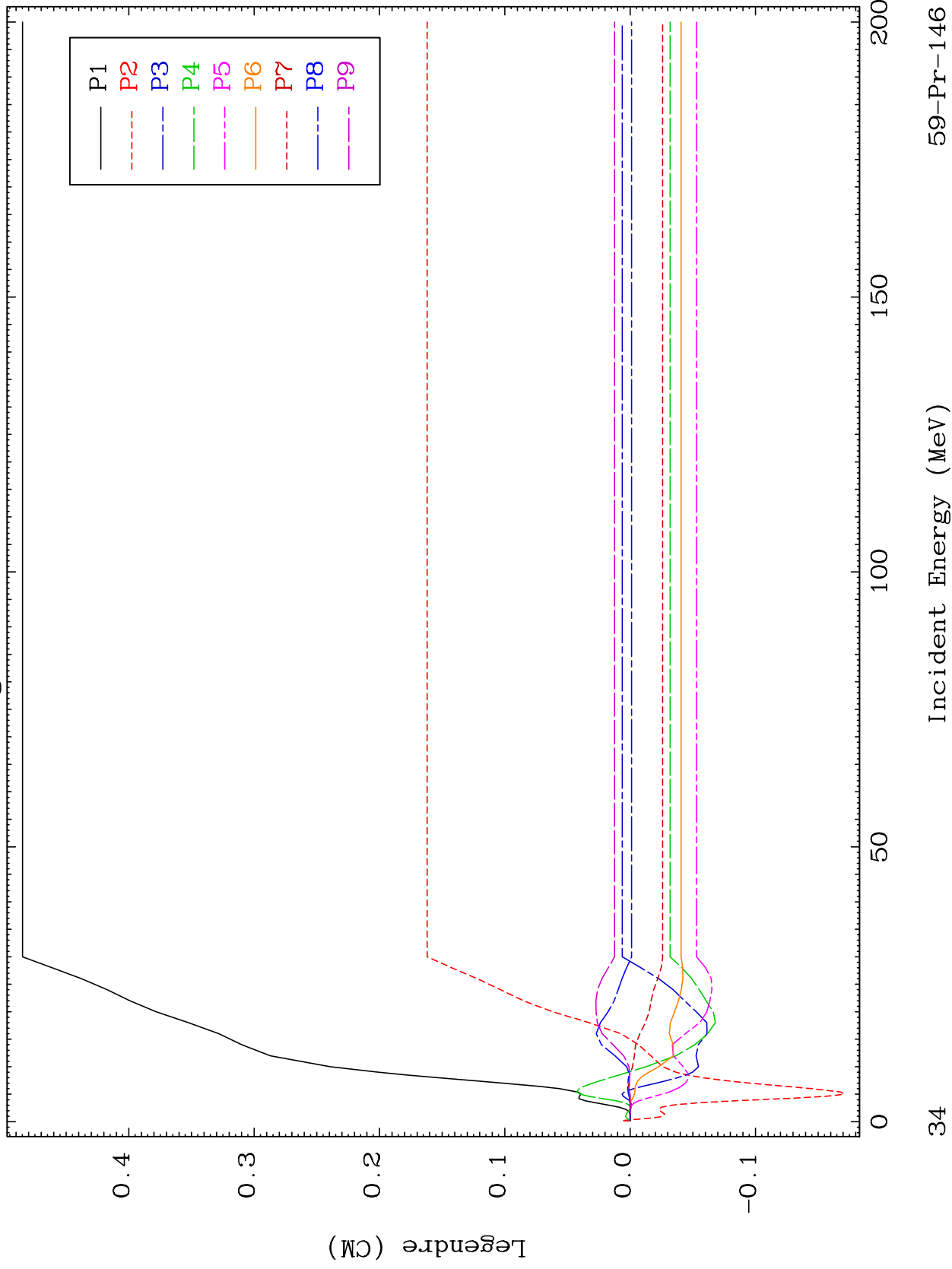
59-Pr-146



MAT 5940

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

59-Pr-146



59-Pr-146

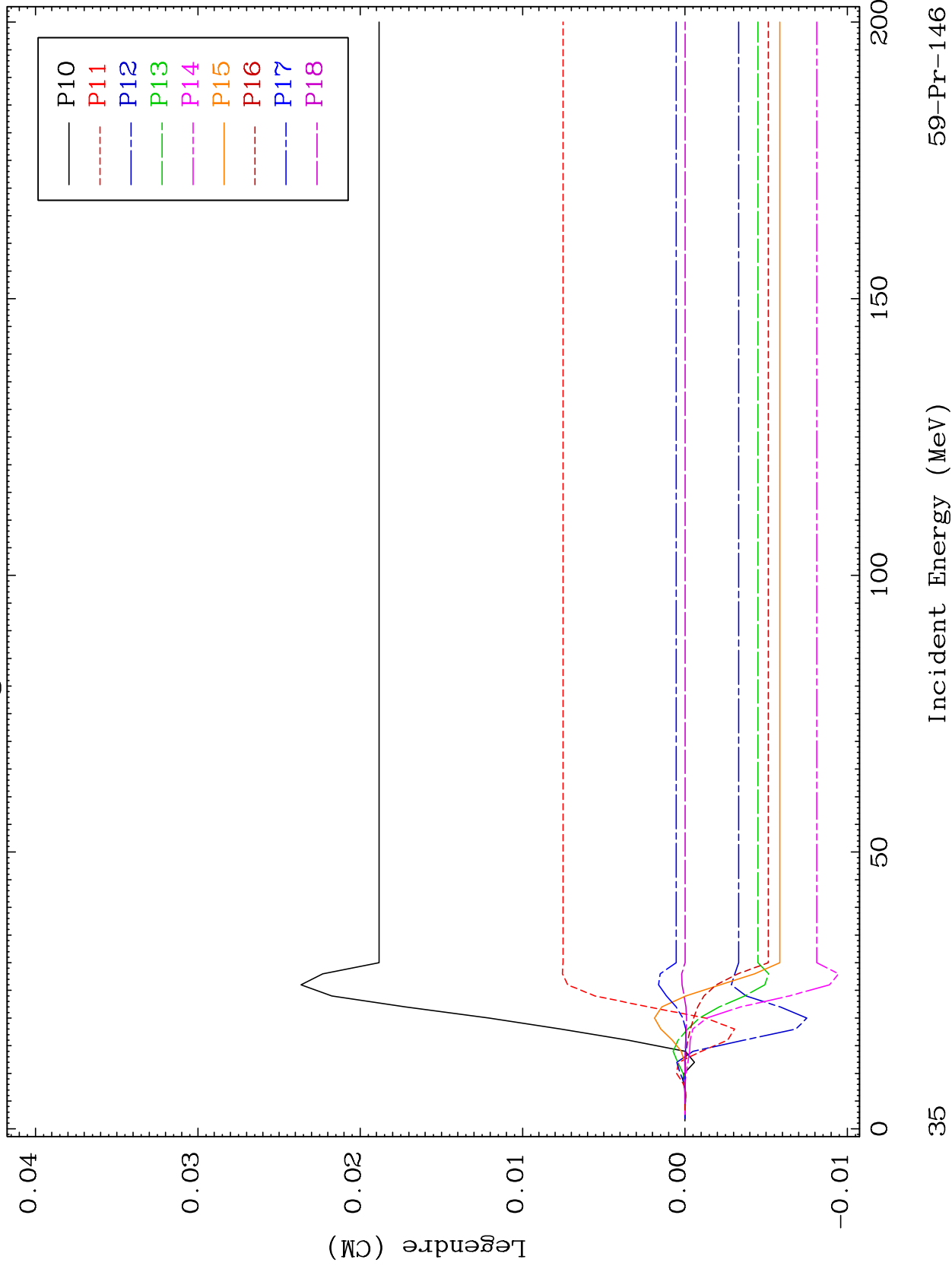
Incident Energy (MeV)

34

MAT 5940

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

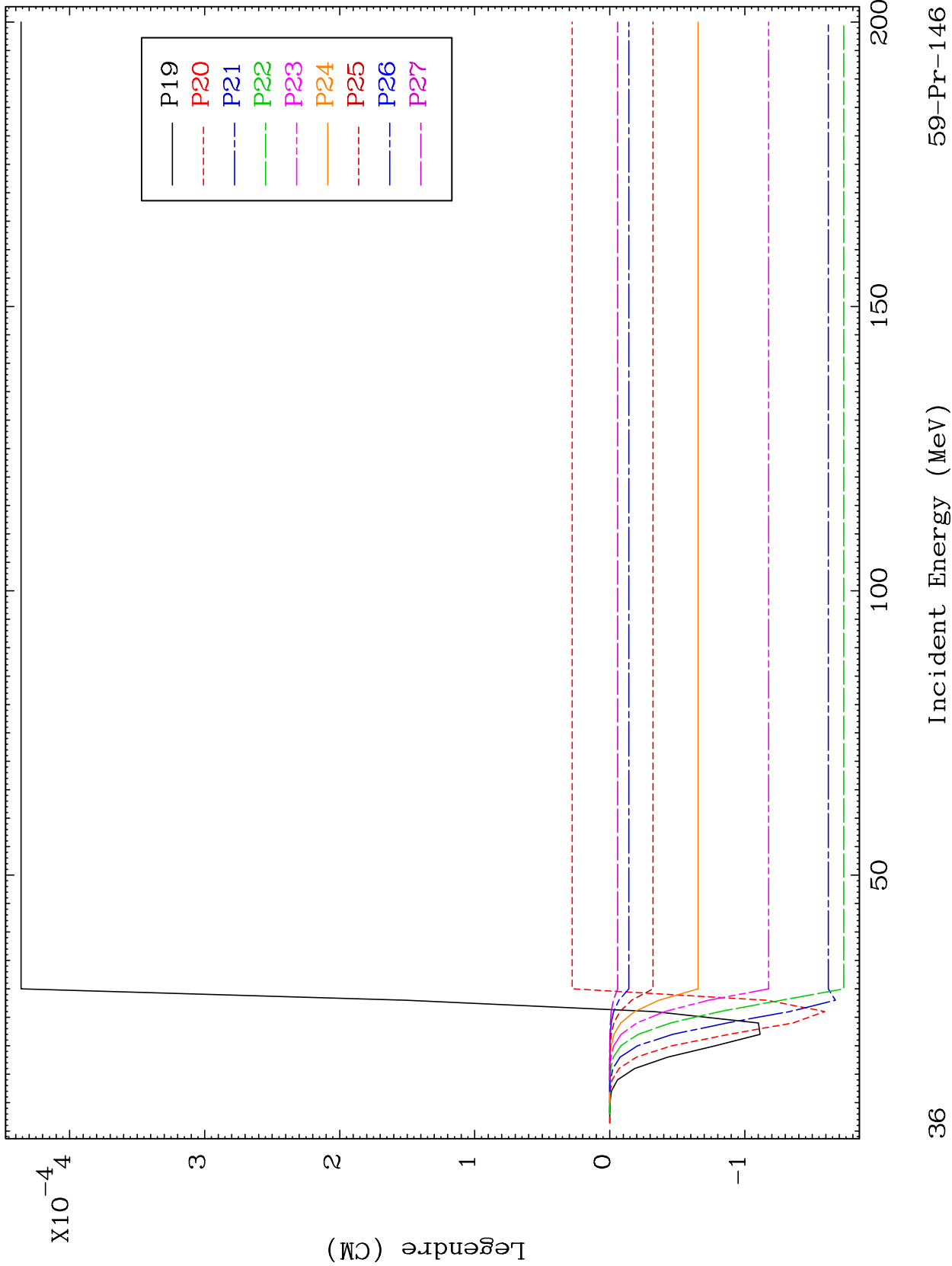
59-Pr-146



59-Pr-146

Incident Energy (MeV)

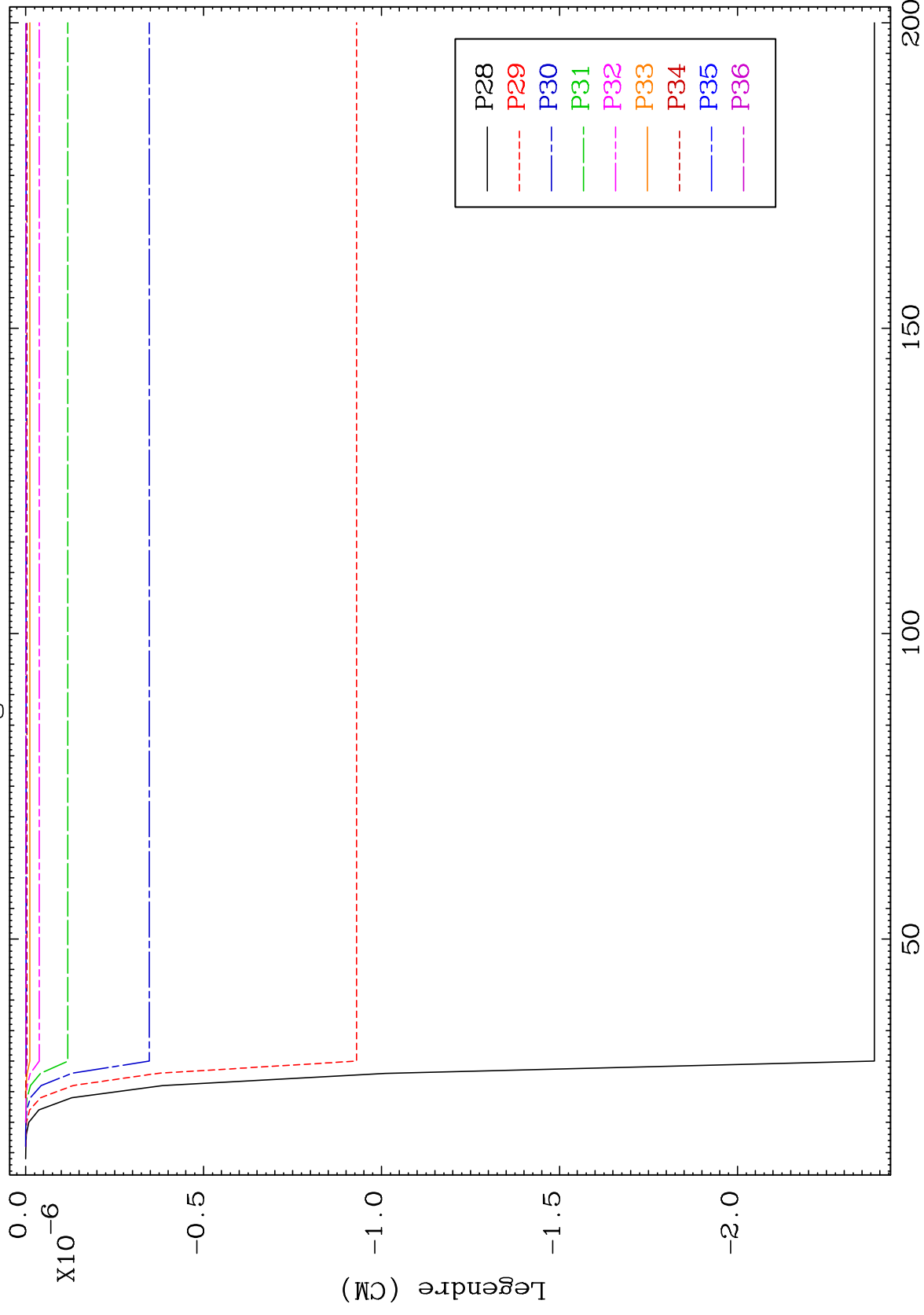
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MAT 5940

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

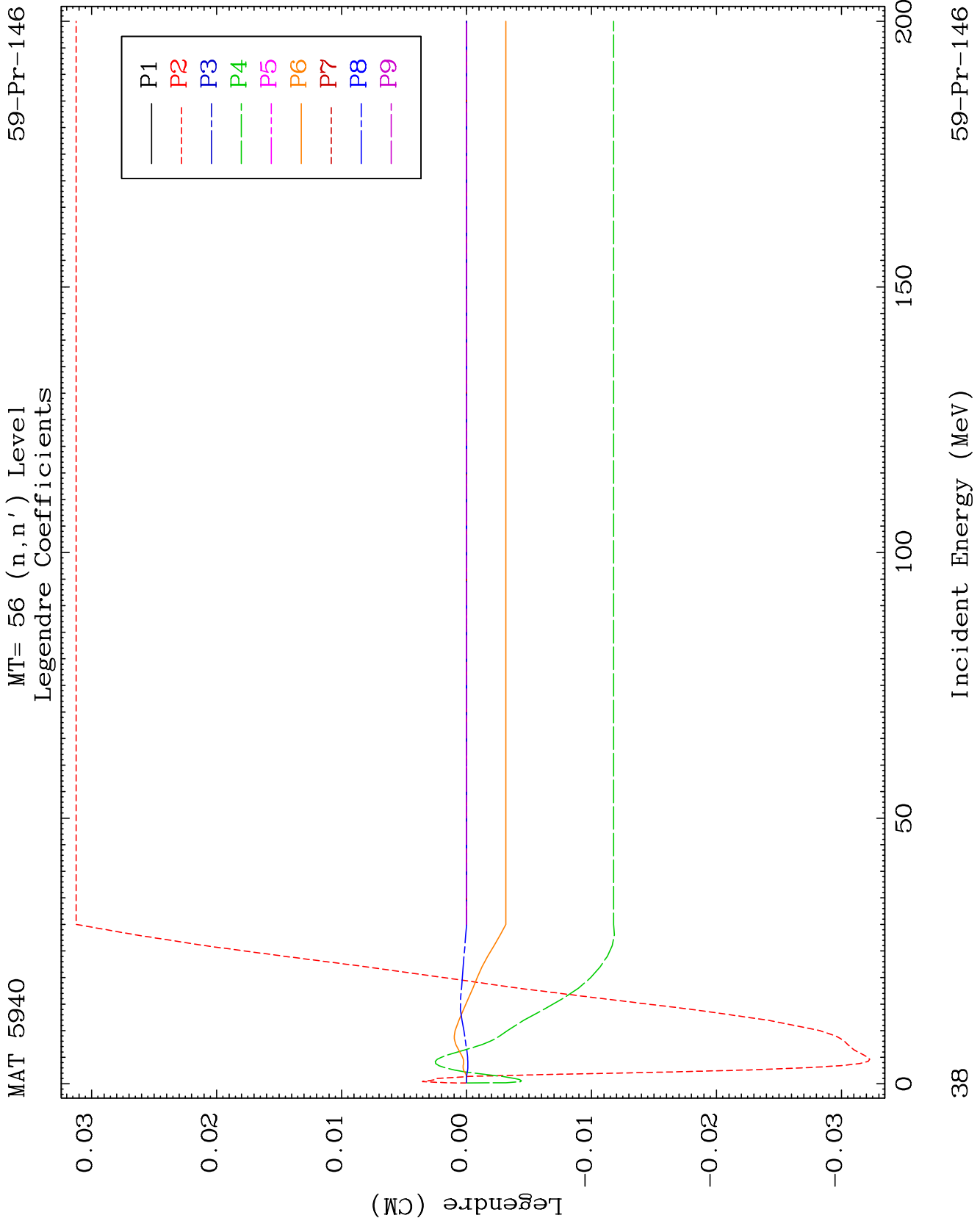
59-Pr-146



37

Incident Energy (MeV)

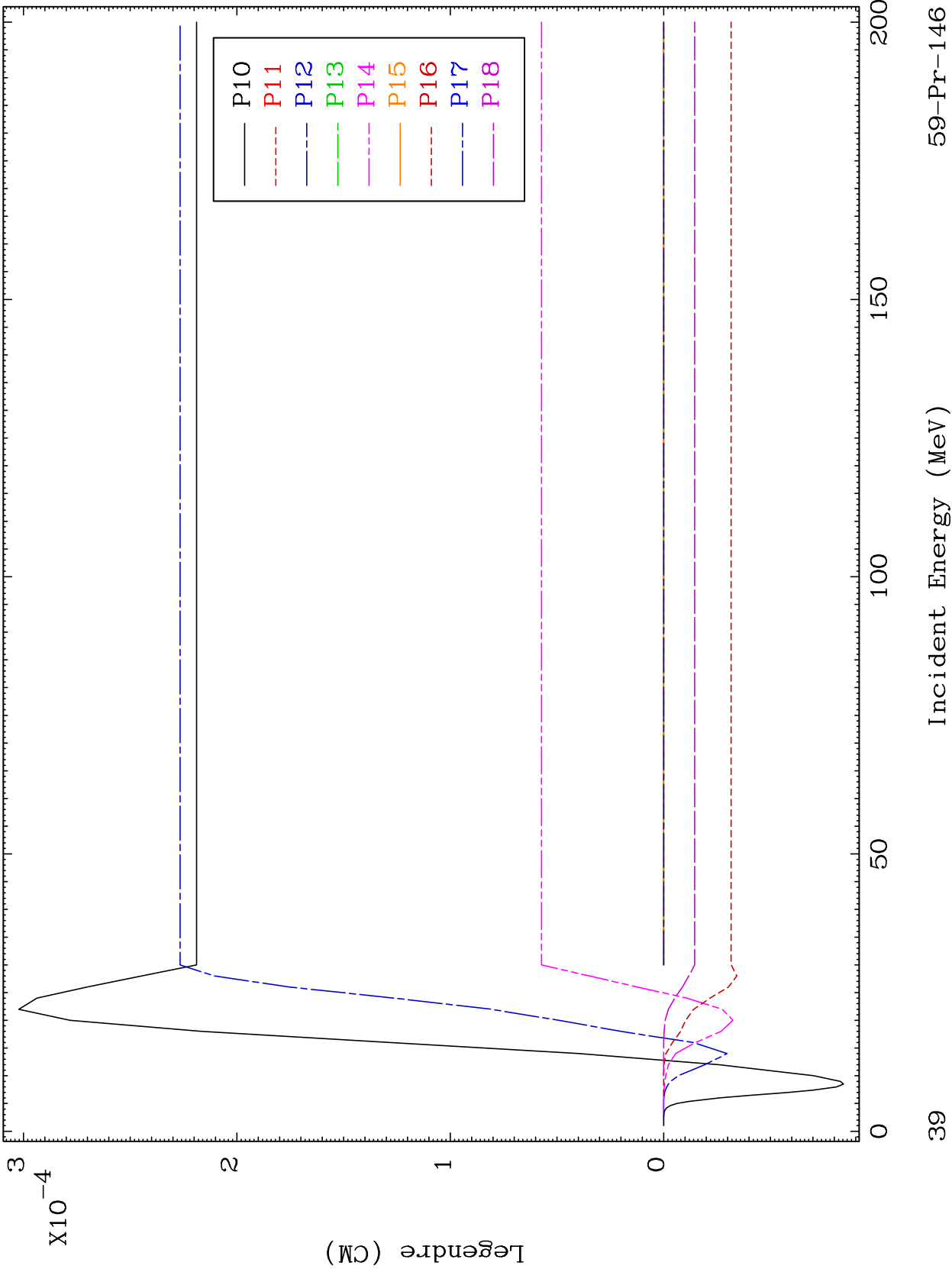
59-Pr-146



MAT 5940

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

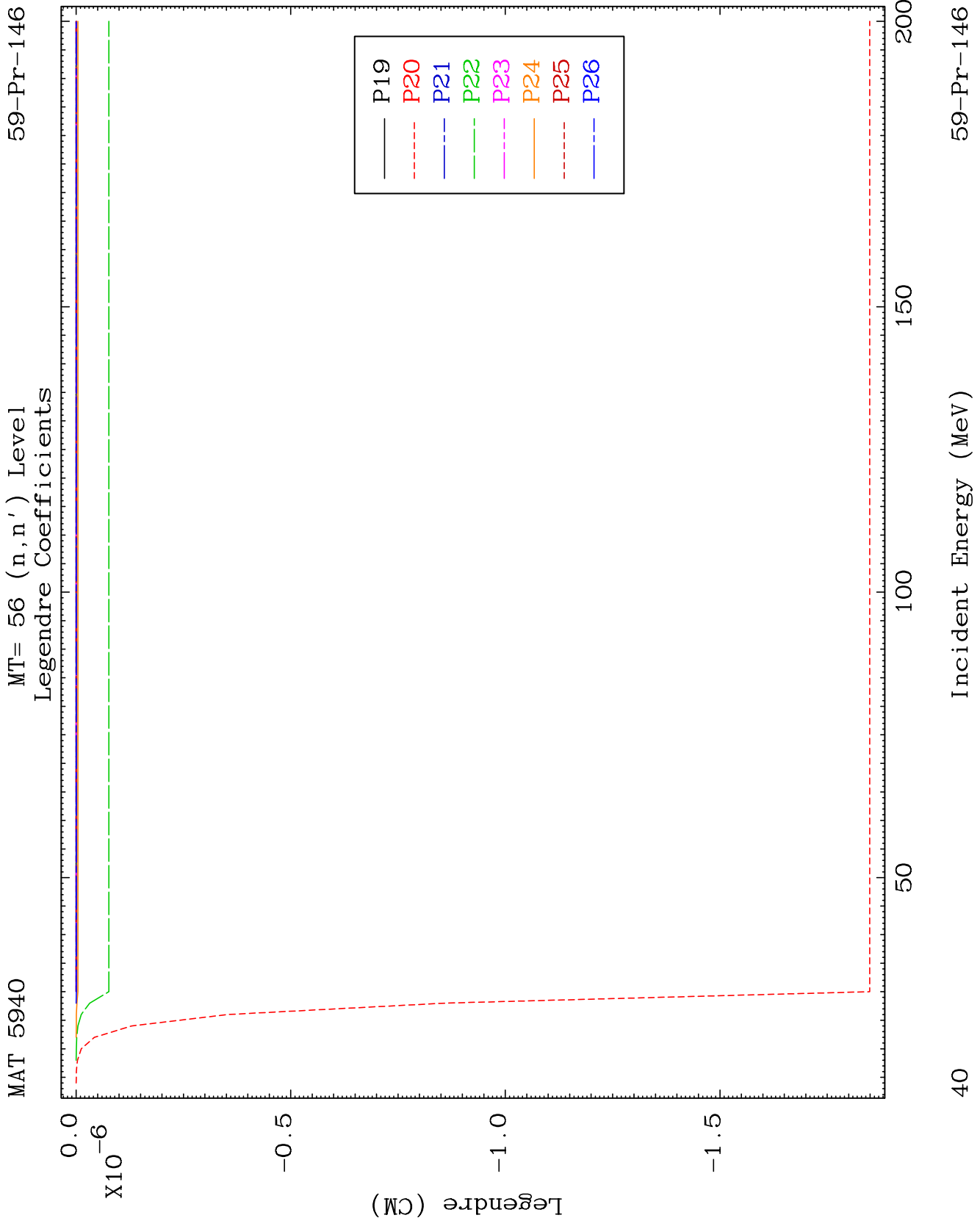
59-Pr-146



59-Pr-146

Incident Energy (MeV)

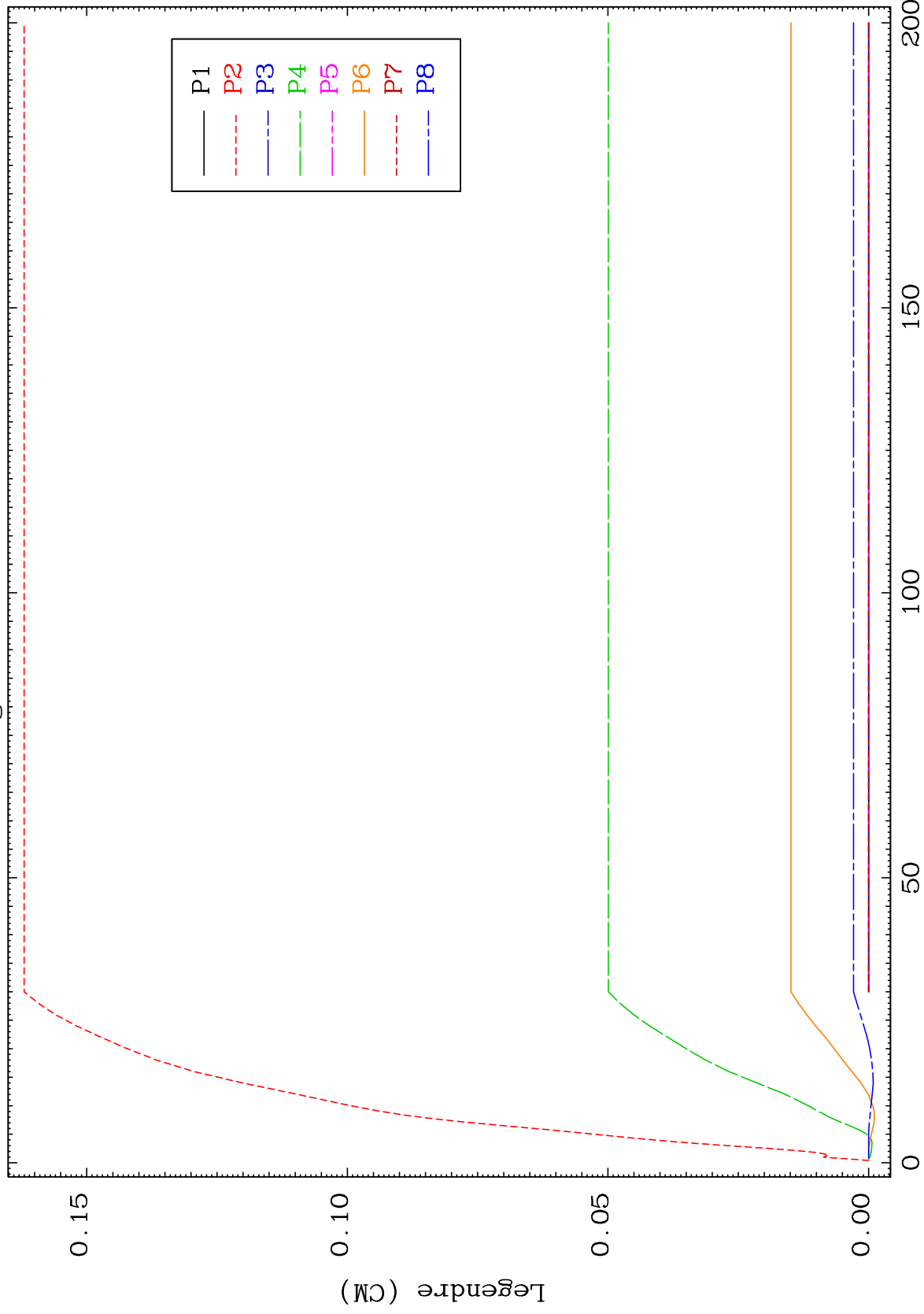
39



MAT 5940

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

59-Pr-146



41

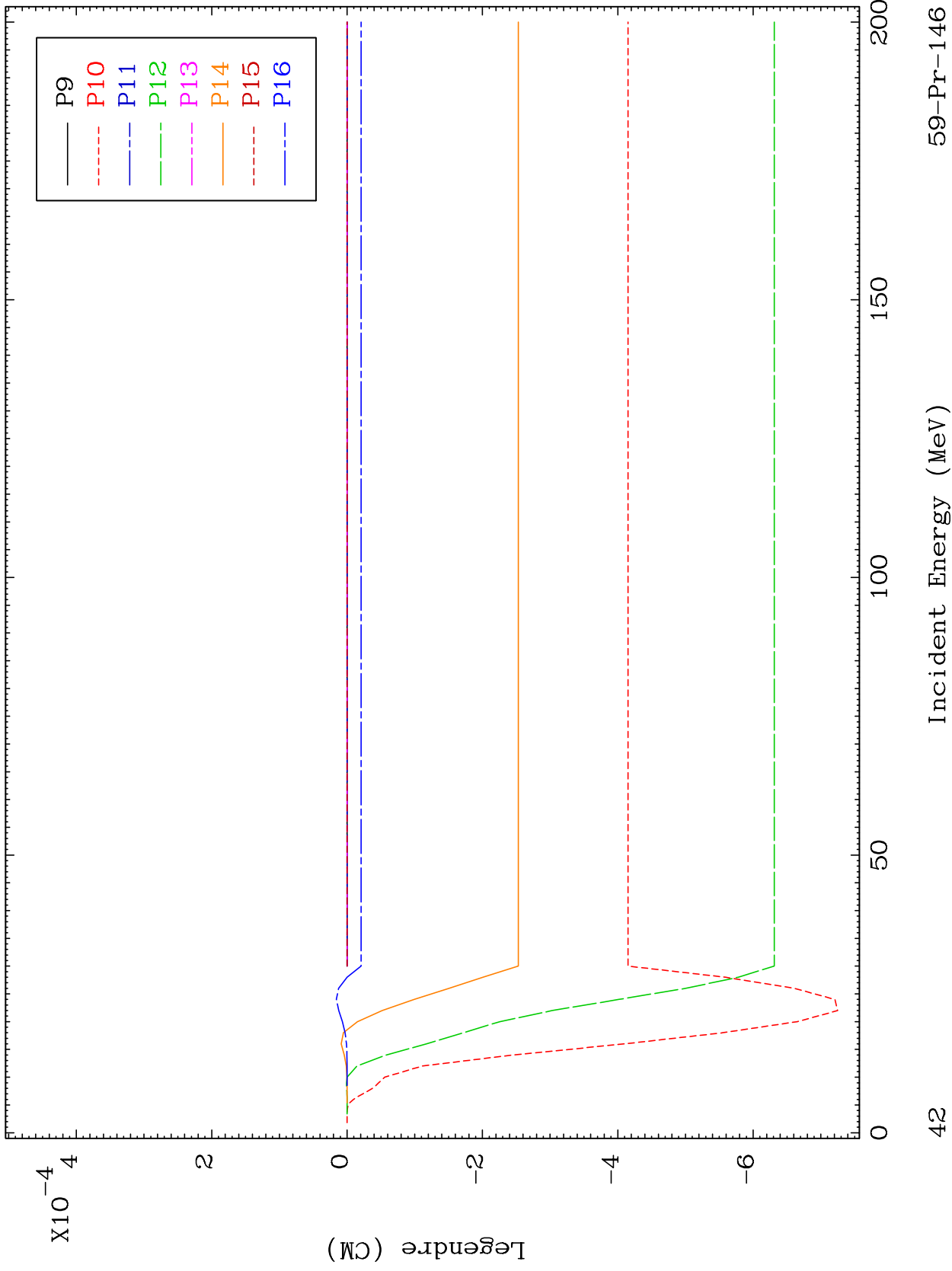
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



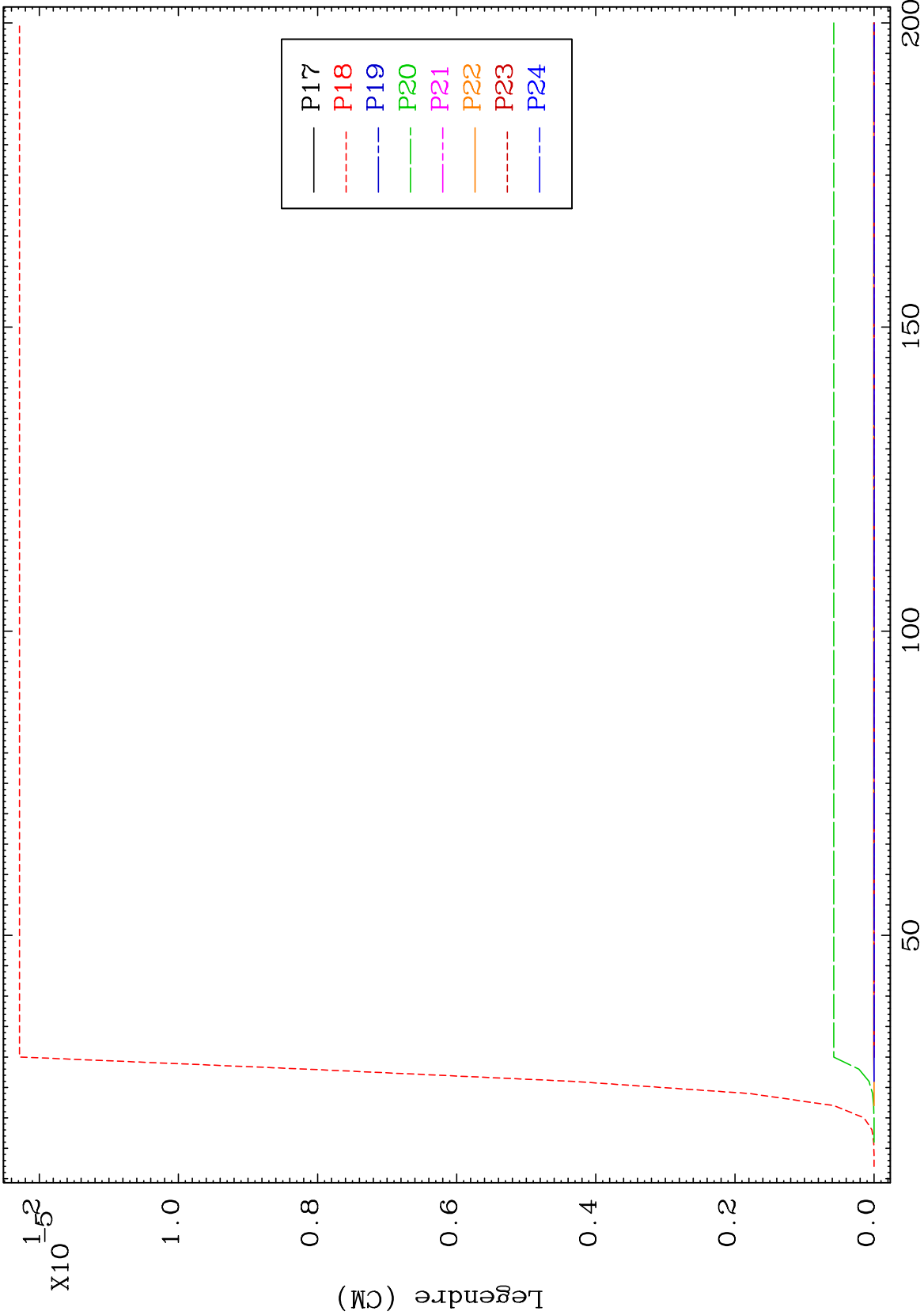
42

59-Pr-146

MAT 5940

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

59-Pr-146



43

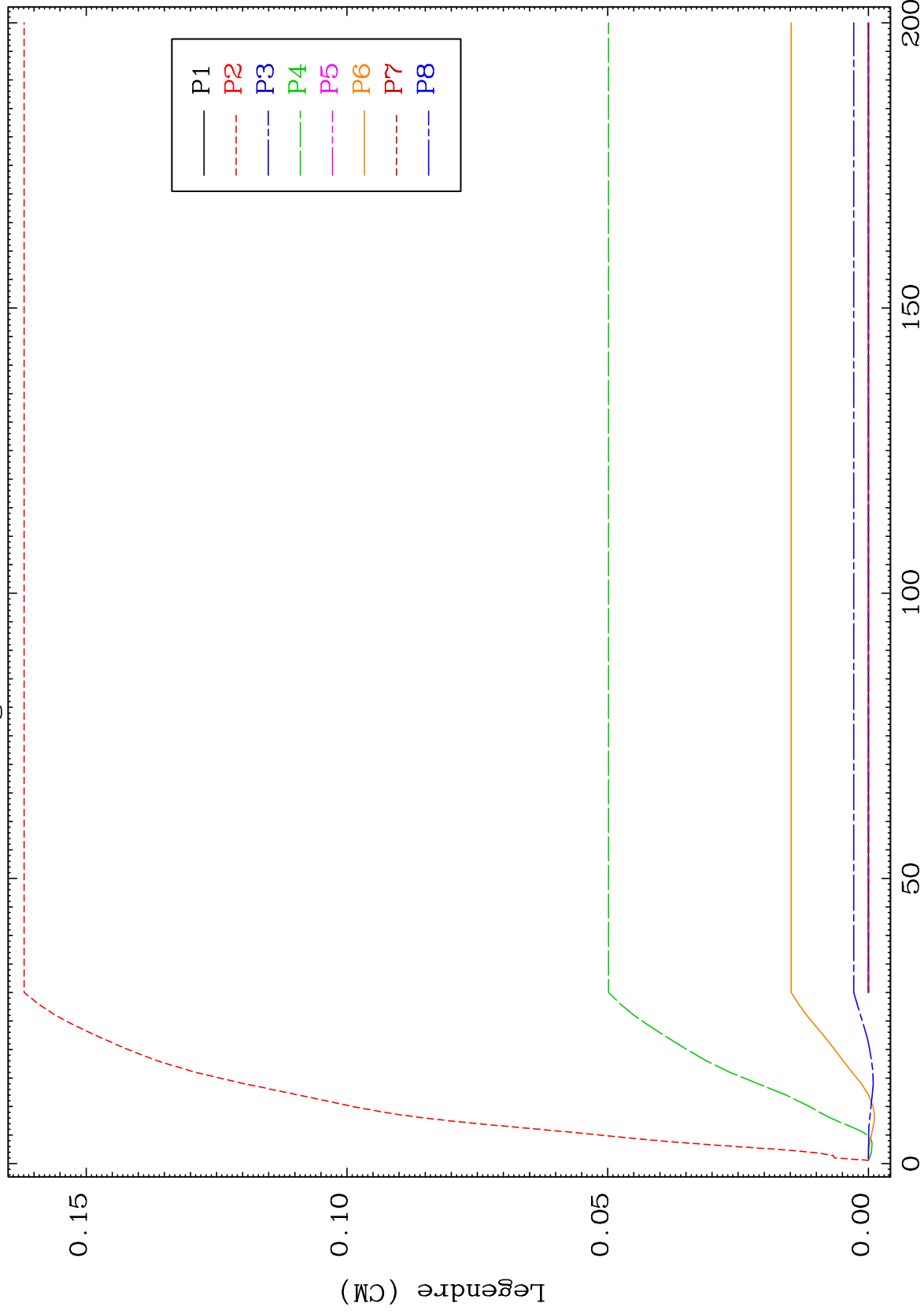
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



44

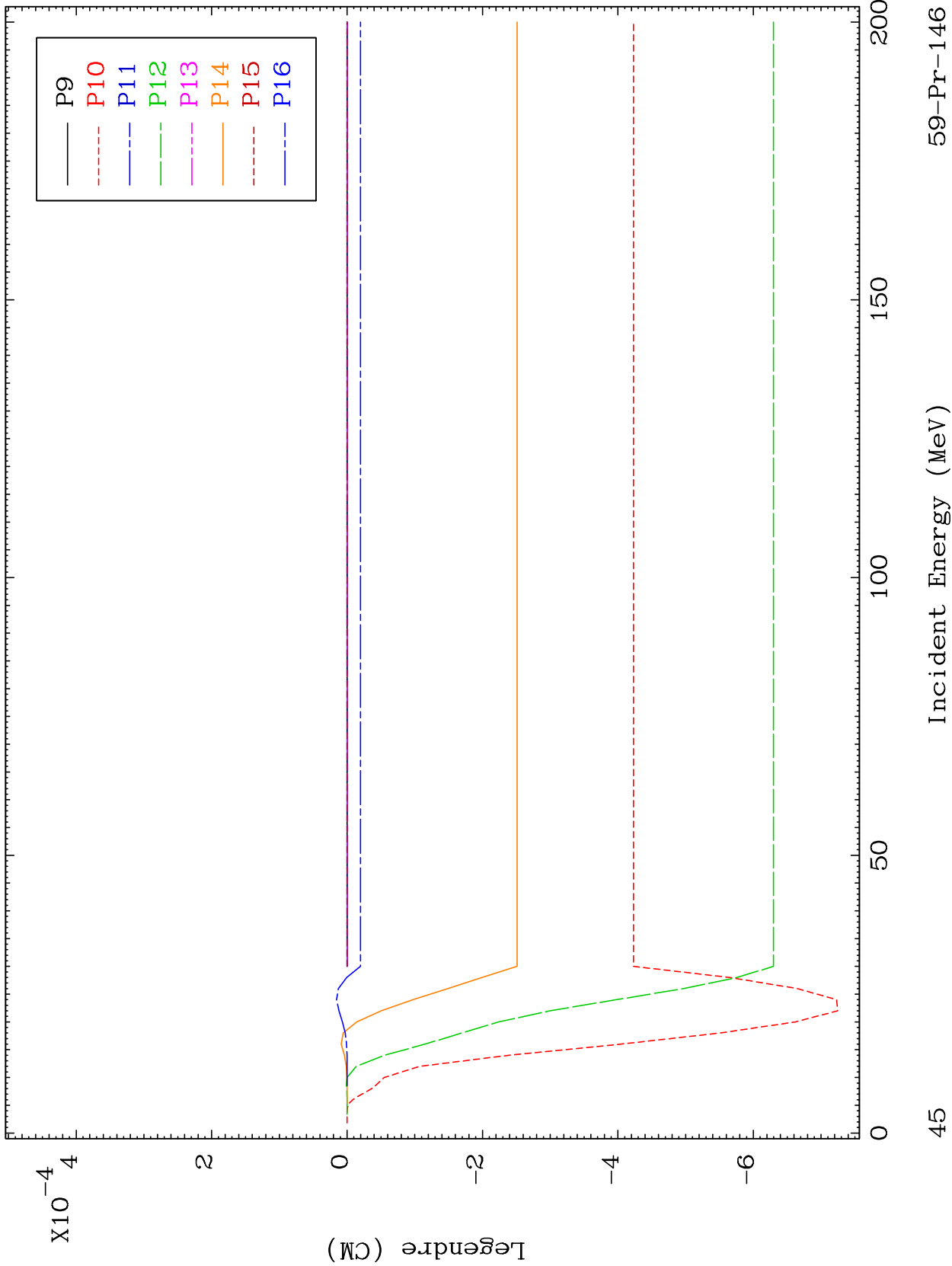
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146

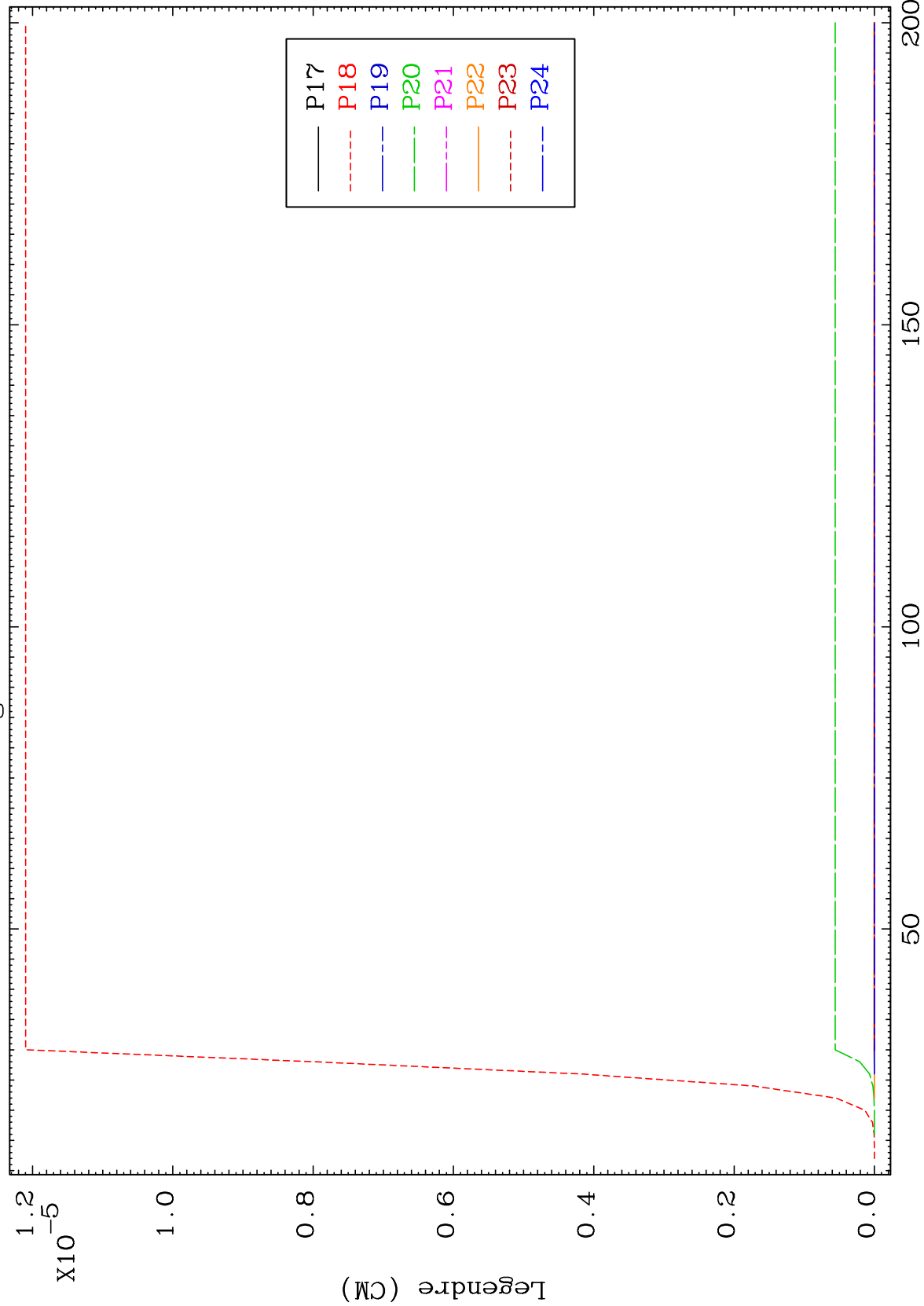


59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

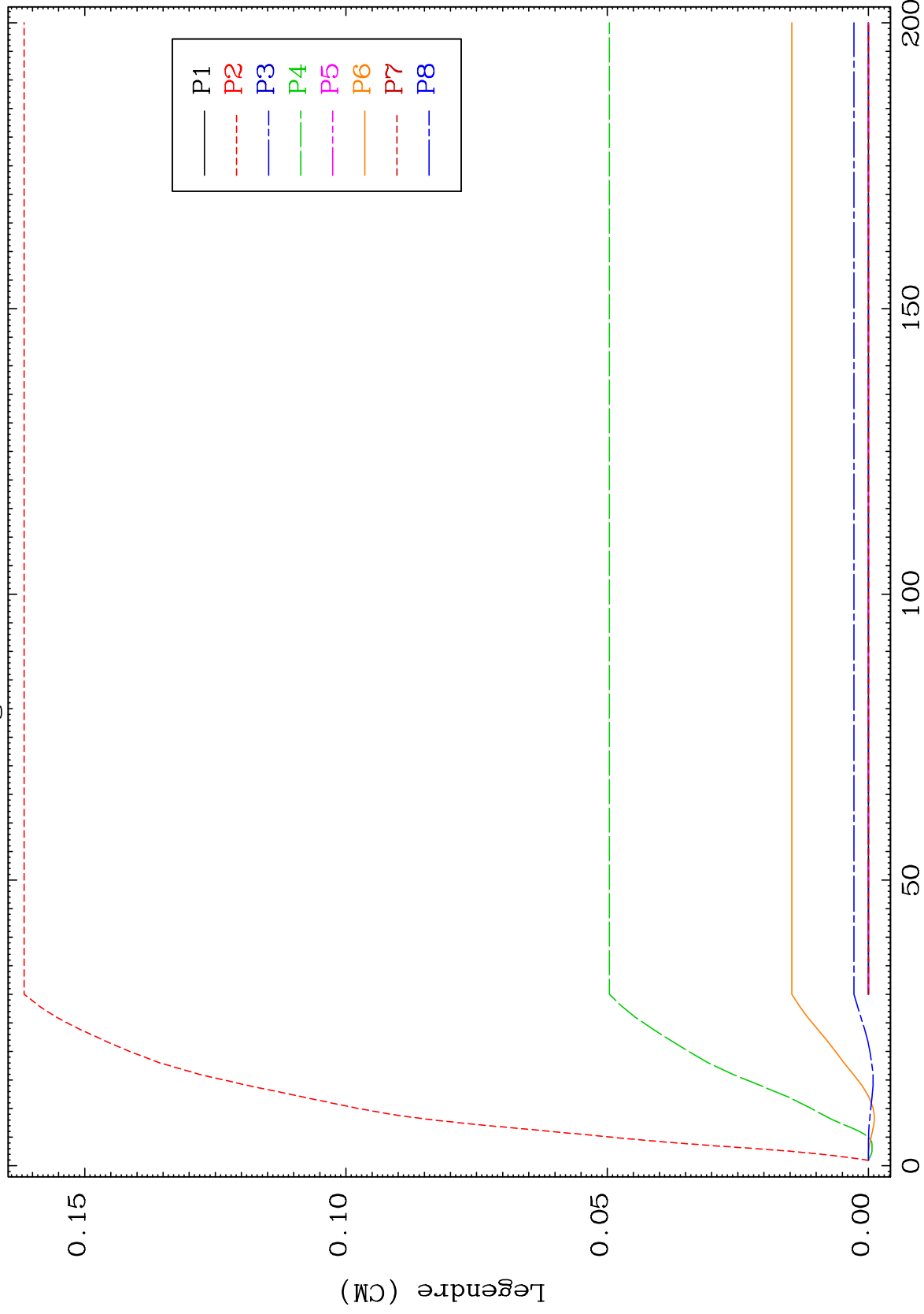
Incident Energy (MeV)

46

MAT 5940

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

59-Pr-146



47

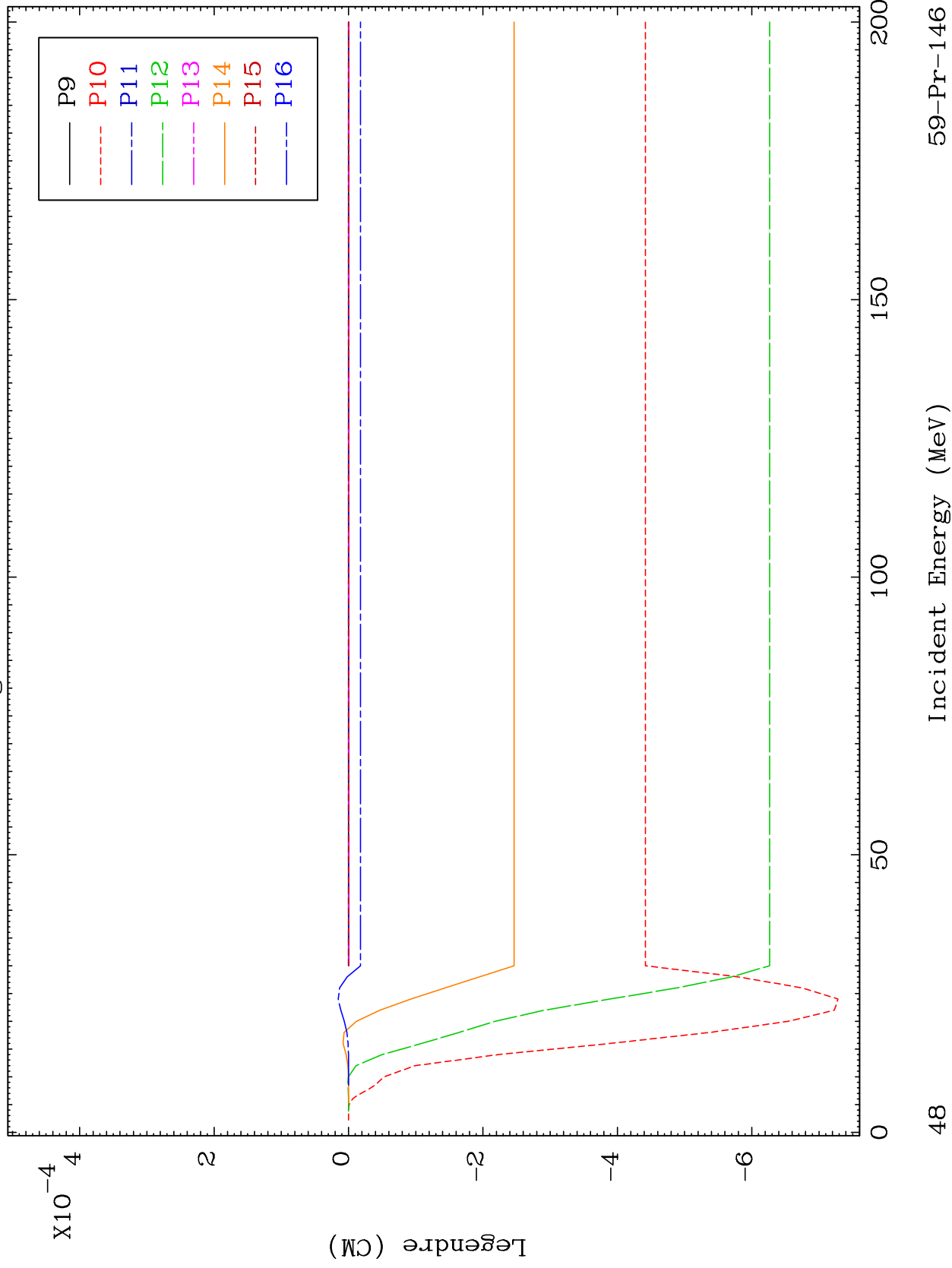
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

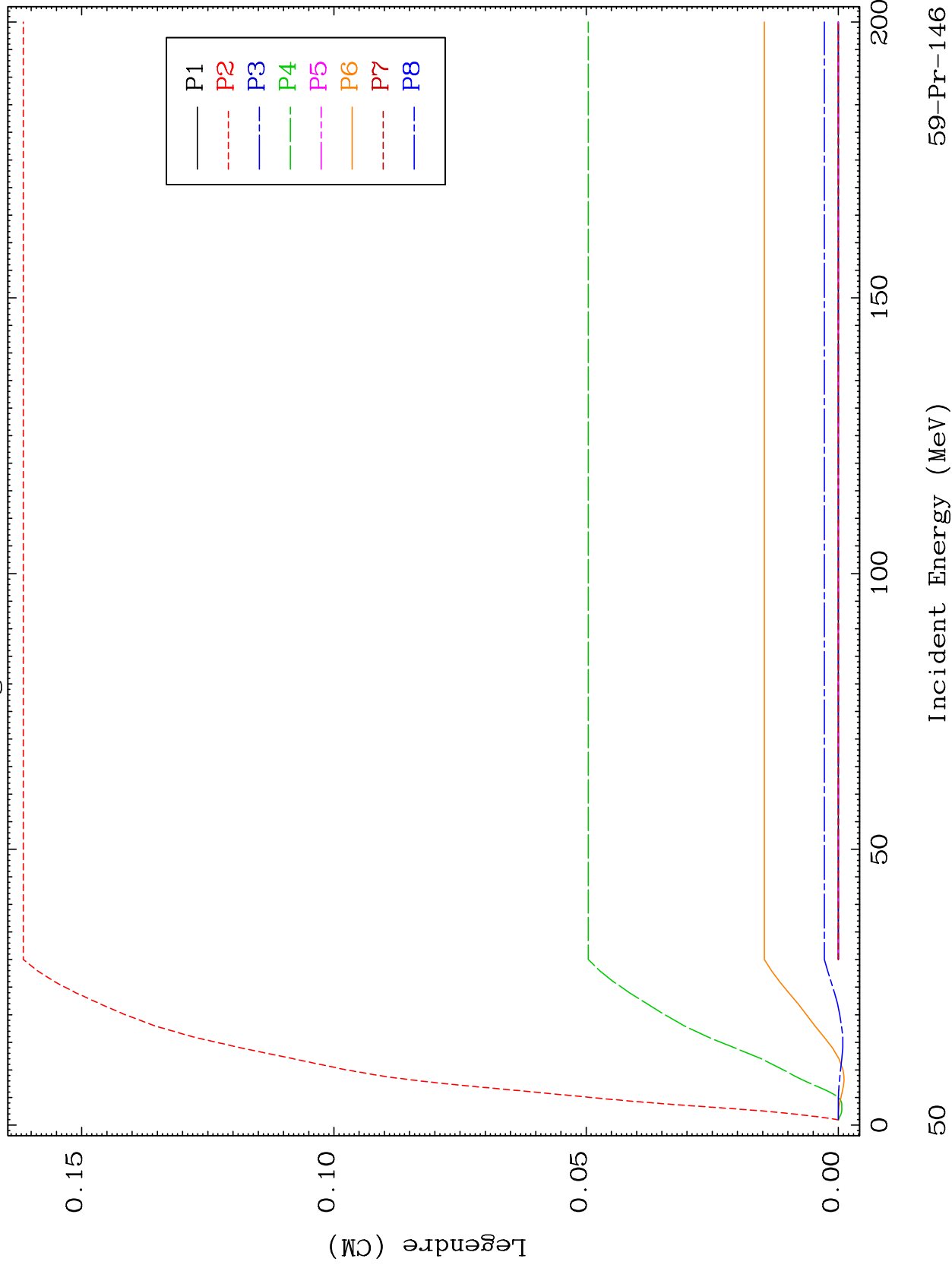
Incident Energy (MeV)

48

MAT 5940

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

59-Pr-146



59-Pr-146

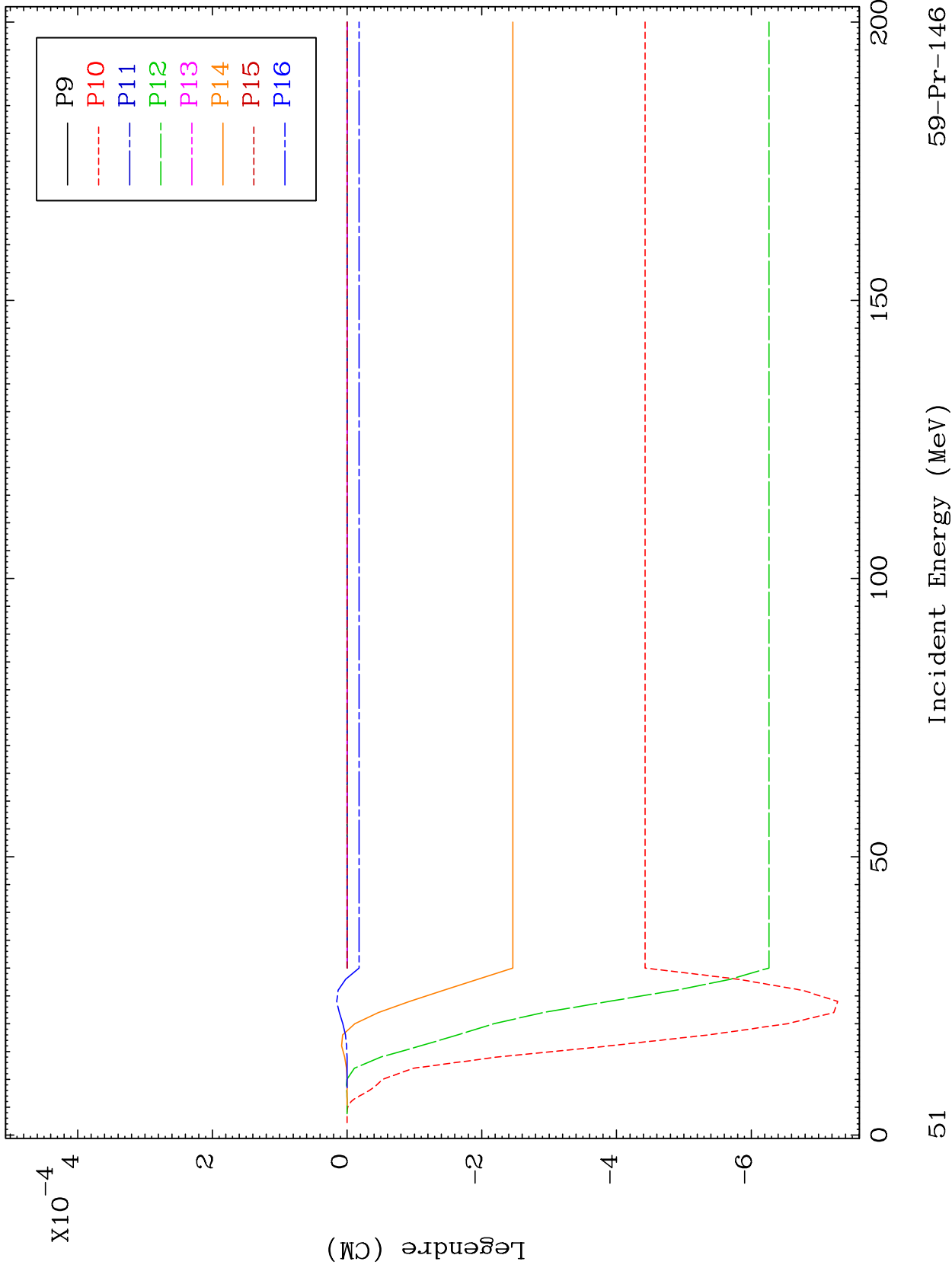
Incident Energy (MeV)

50

MAT 5940

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

59-Pr-146



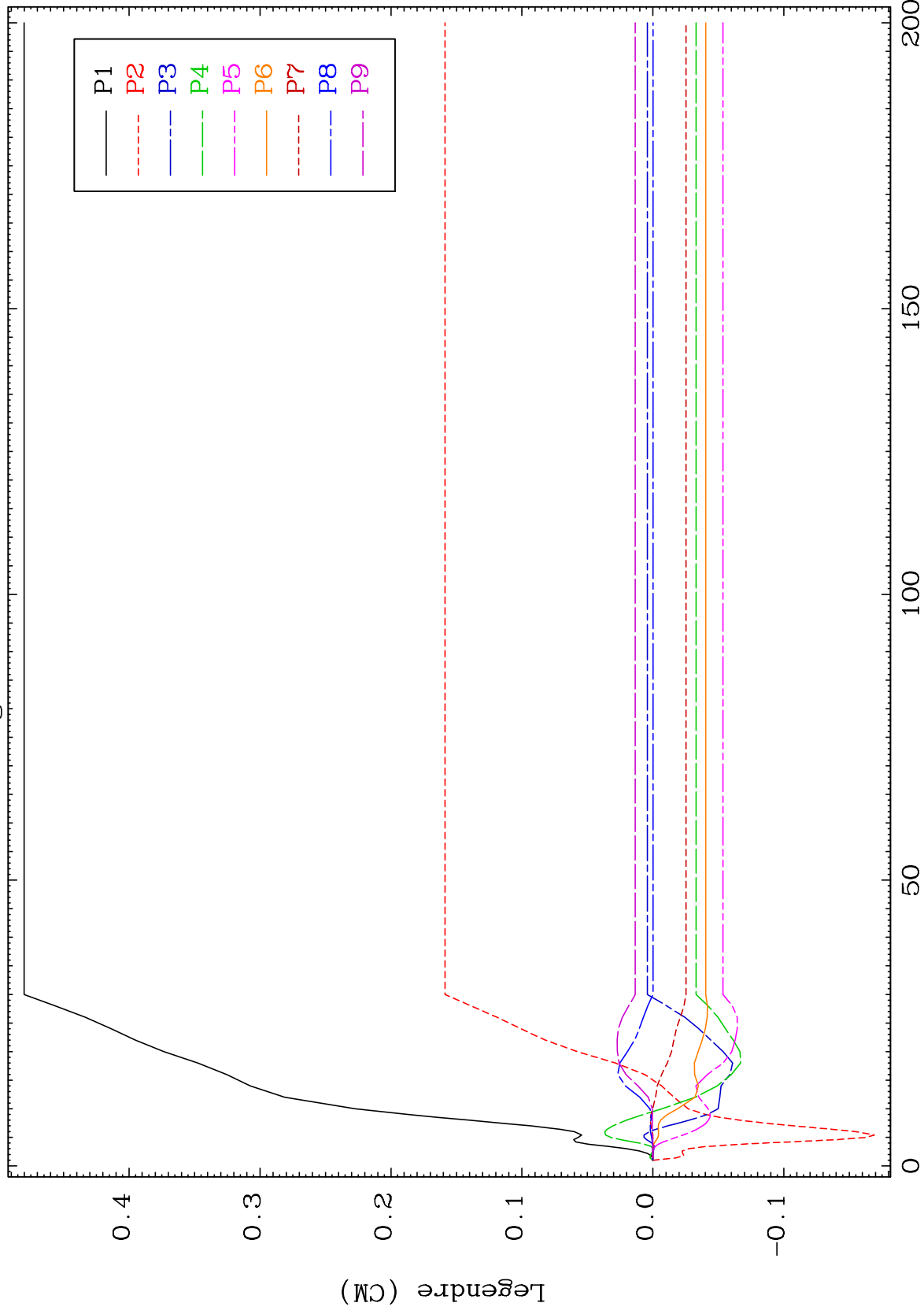
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59-Pr-146

MAT 5940

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

59-Pr-146



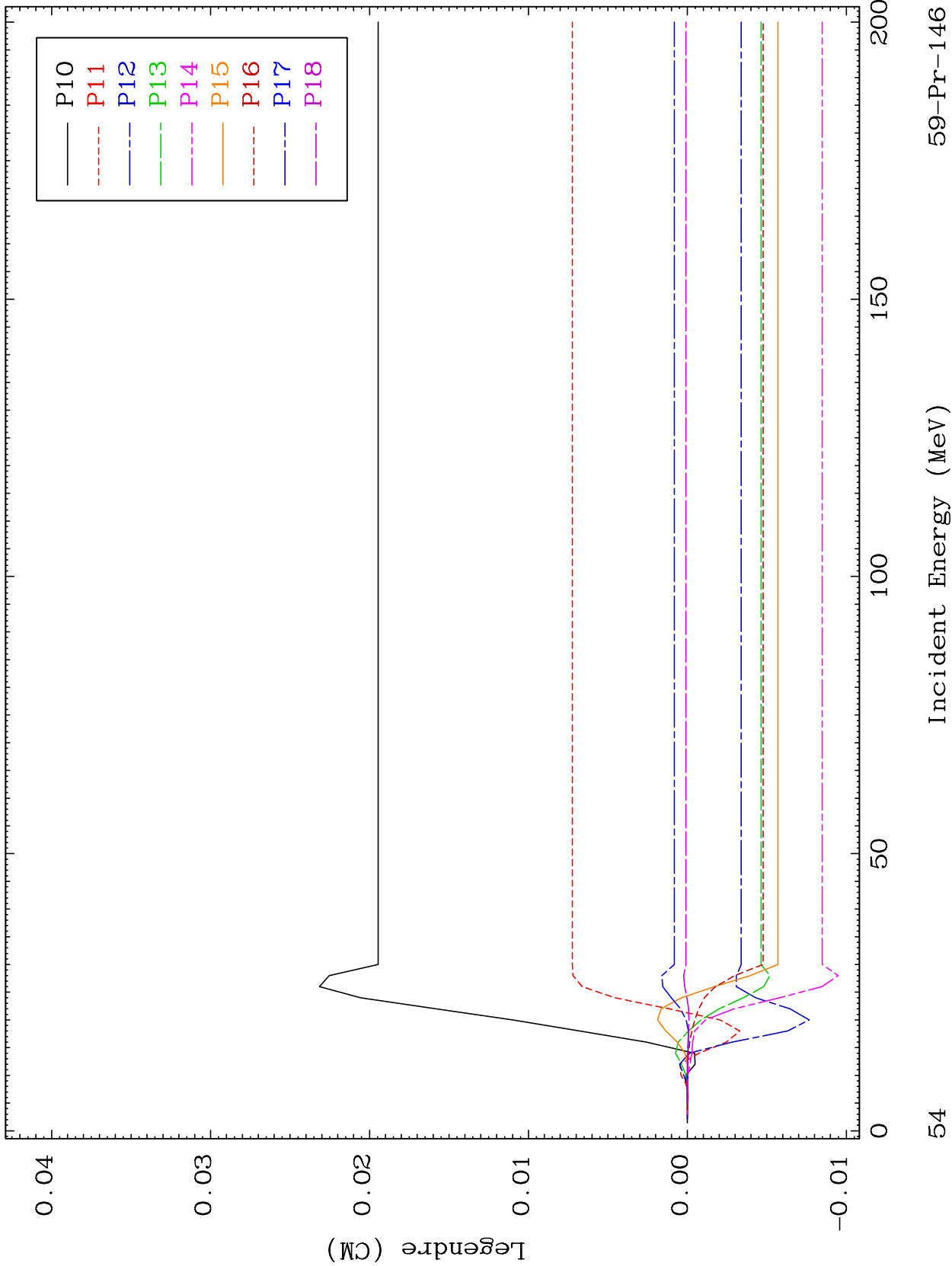
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59-Pr-146

MAT 5940

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

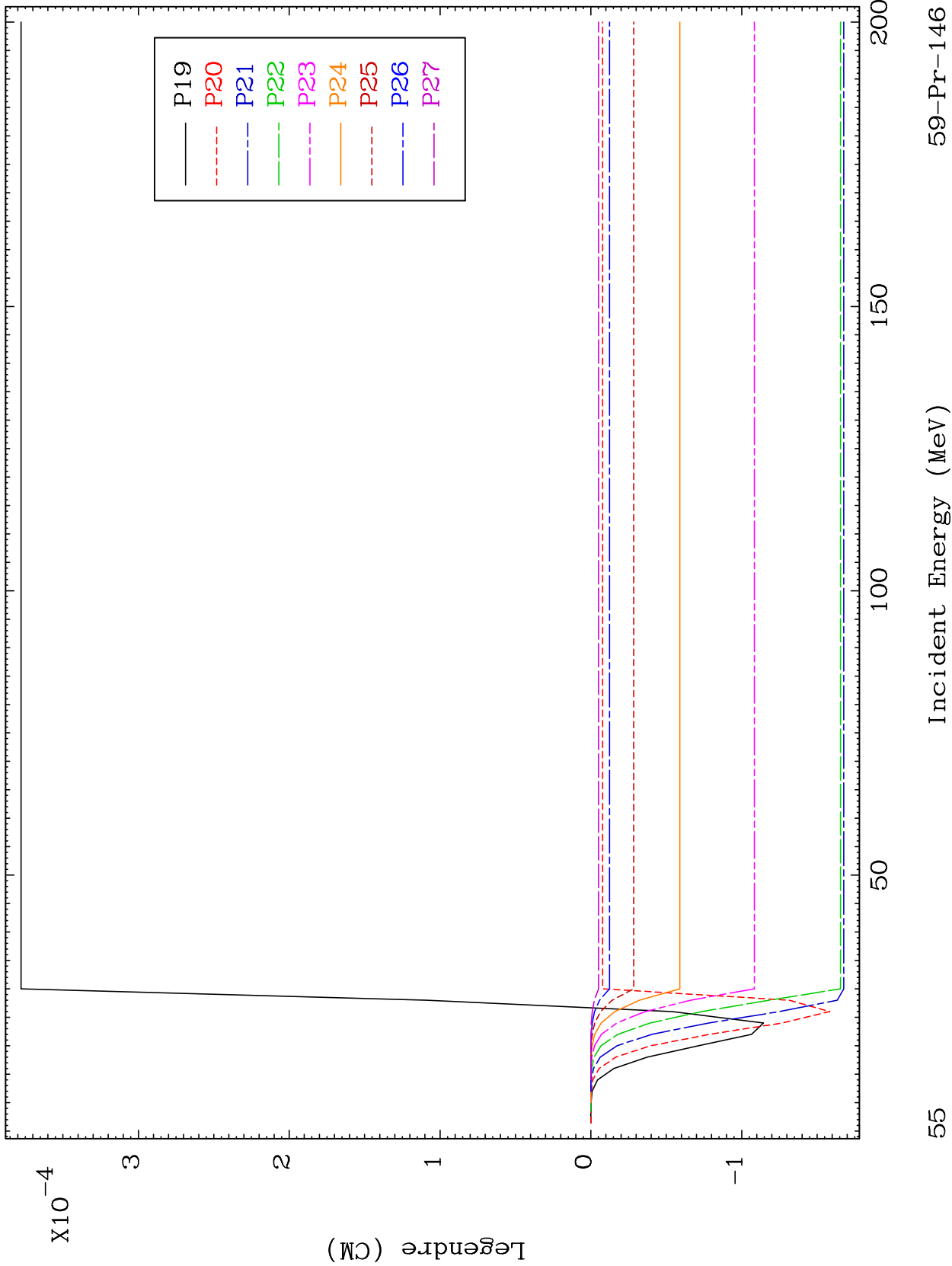
59-Pr-146



59-Pr-146

Incident Energy (MeV)

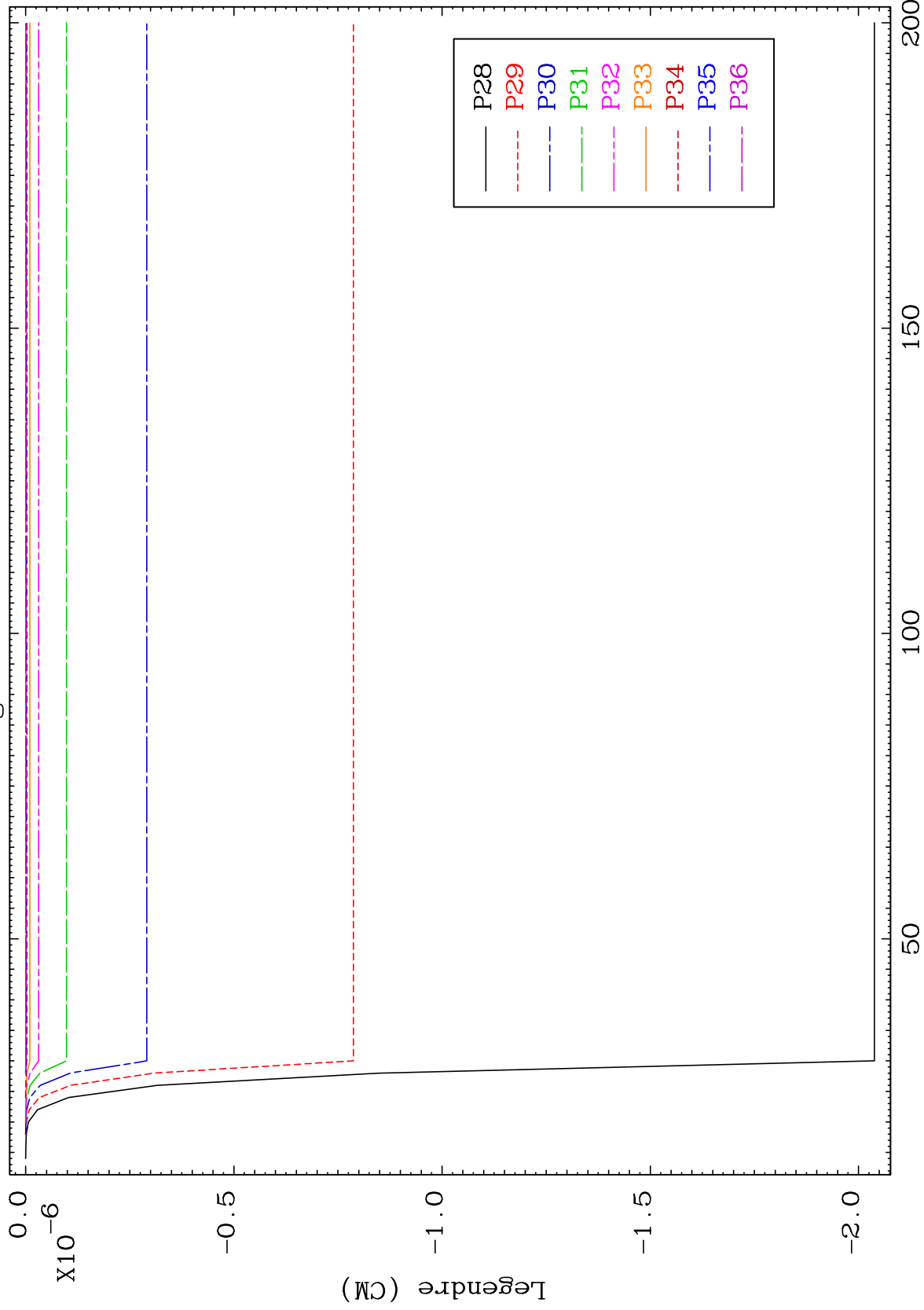
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MAT 5940

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

59-Pr-146



56

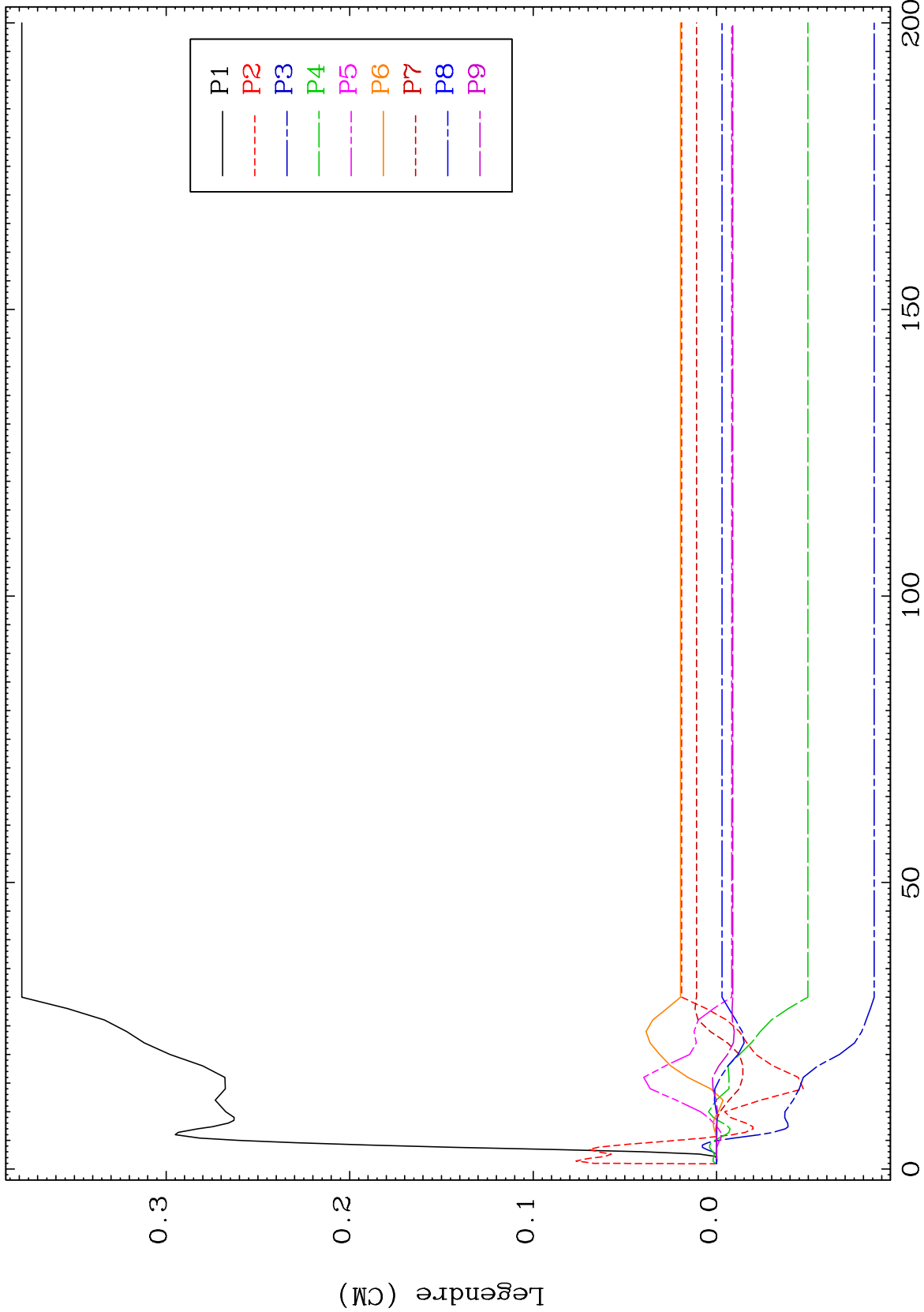
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



57

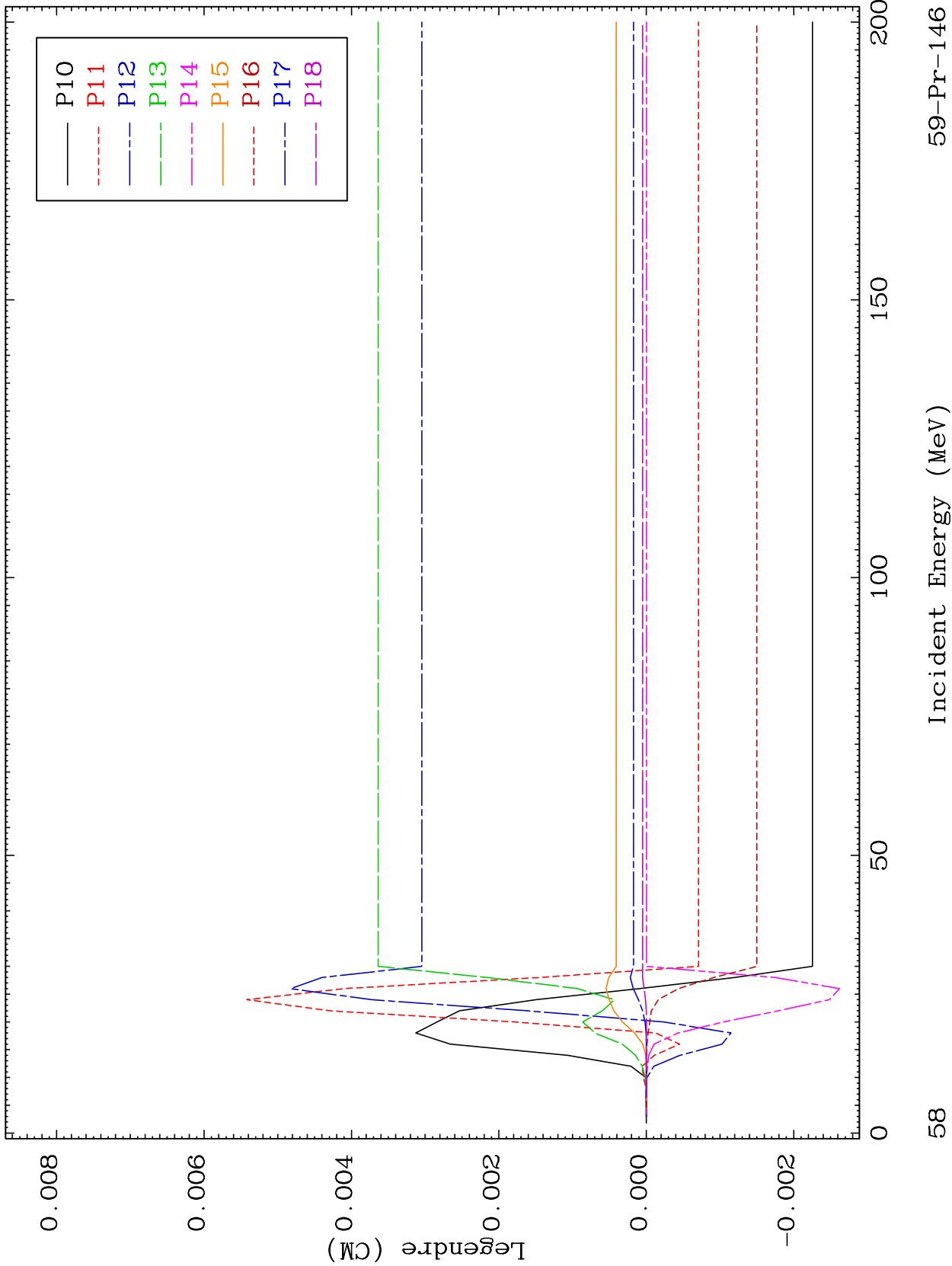
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

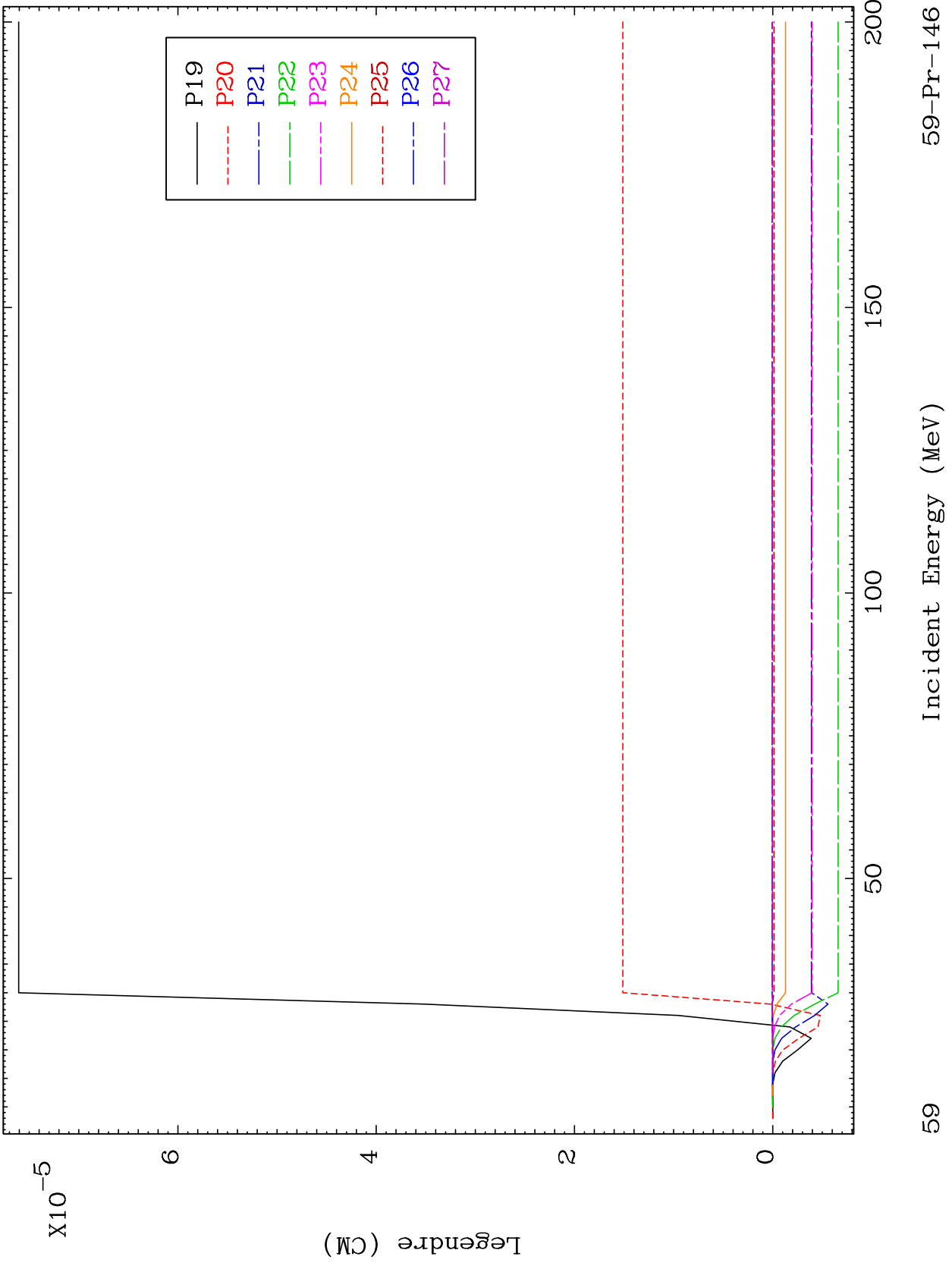
Incident Energy (MeV)

58

MAT 5940

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

59-Pr-146

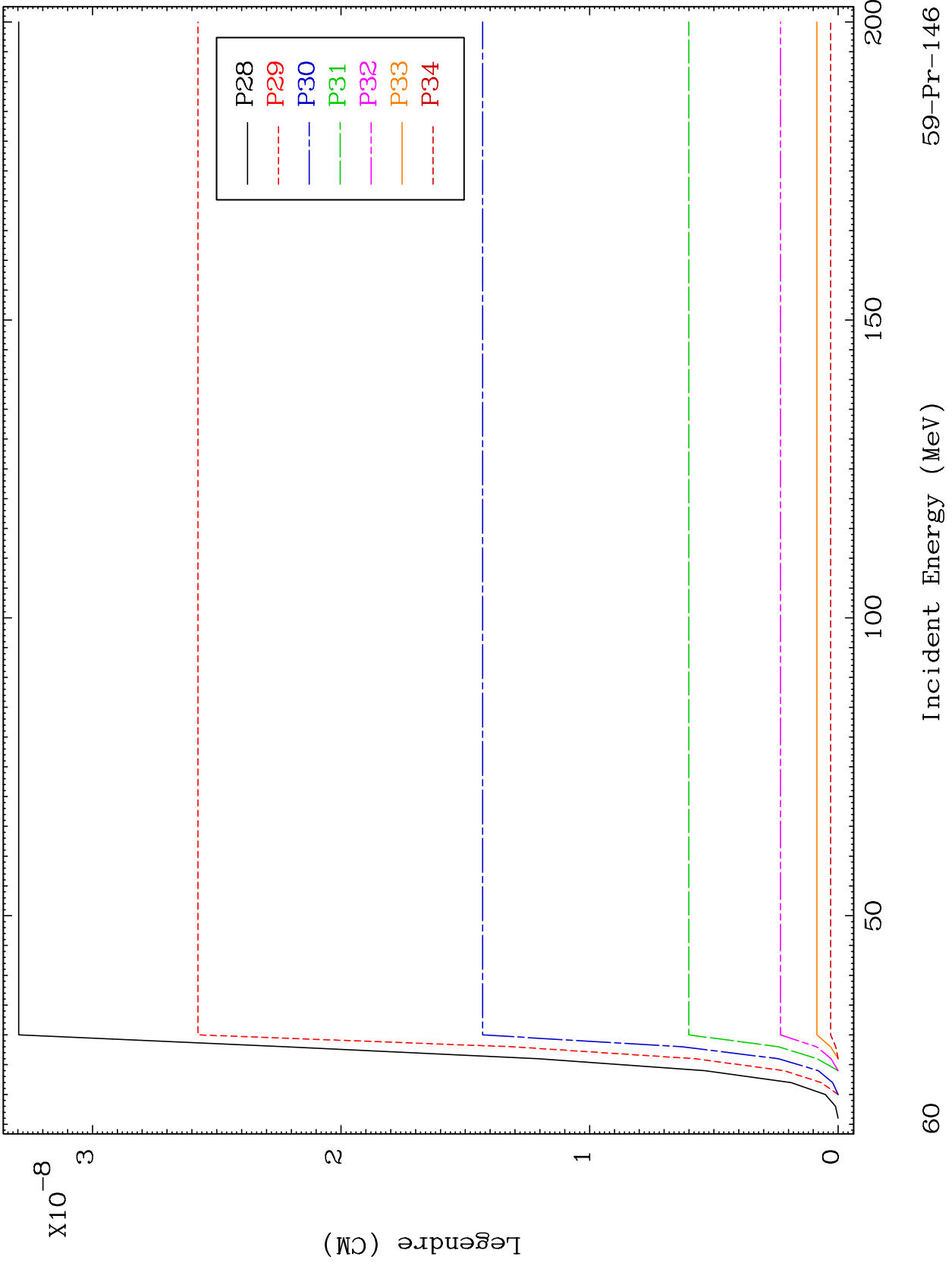


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MAT 5940

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

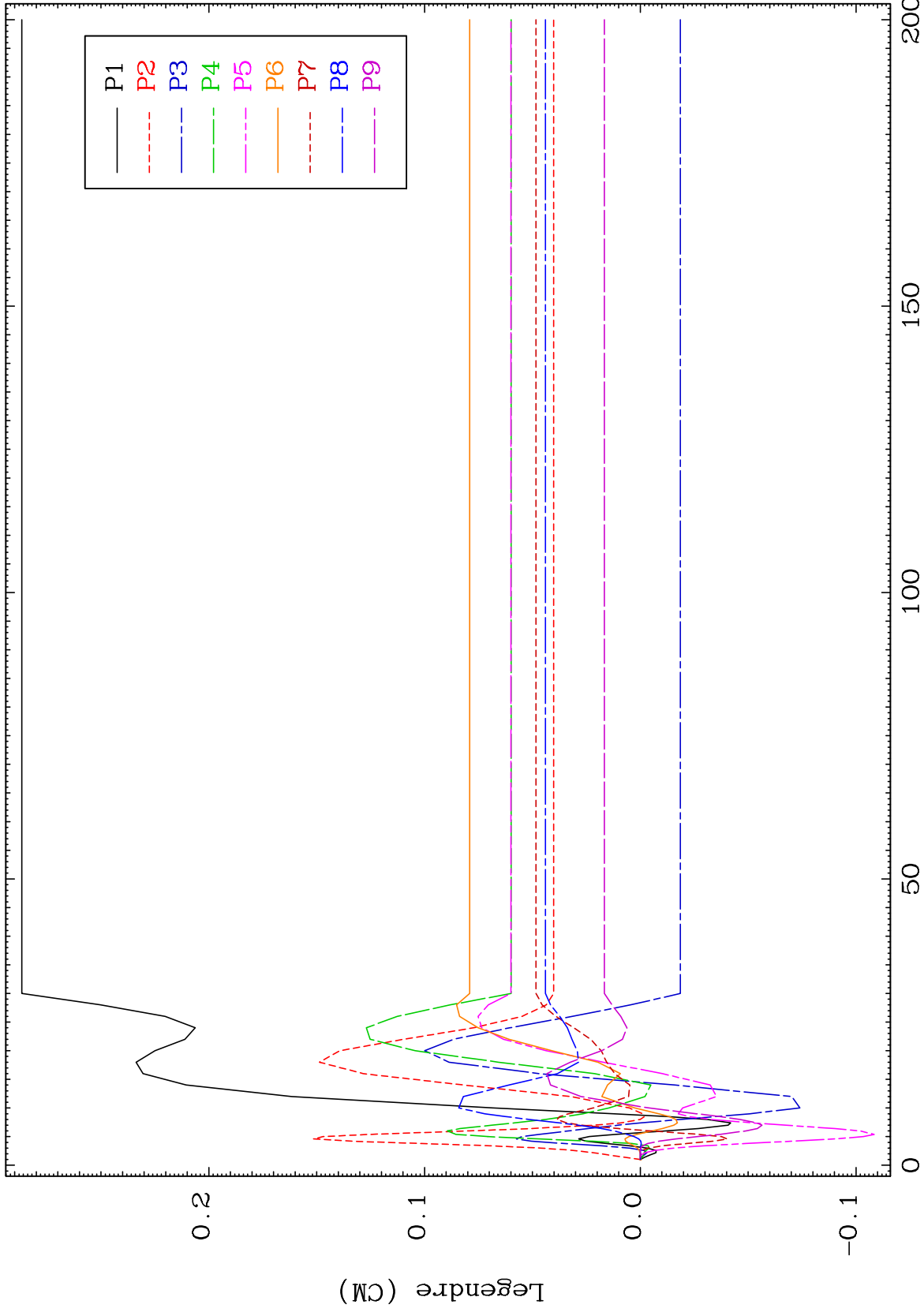
59-Pr-146



MAT 5940

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

59-Pr-146



61

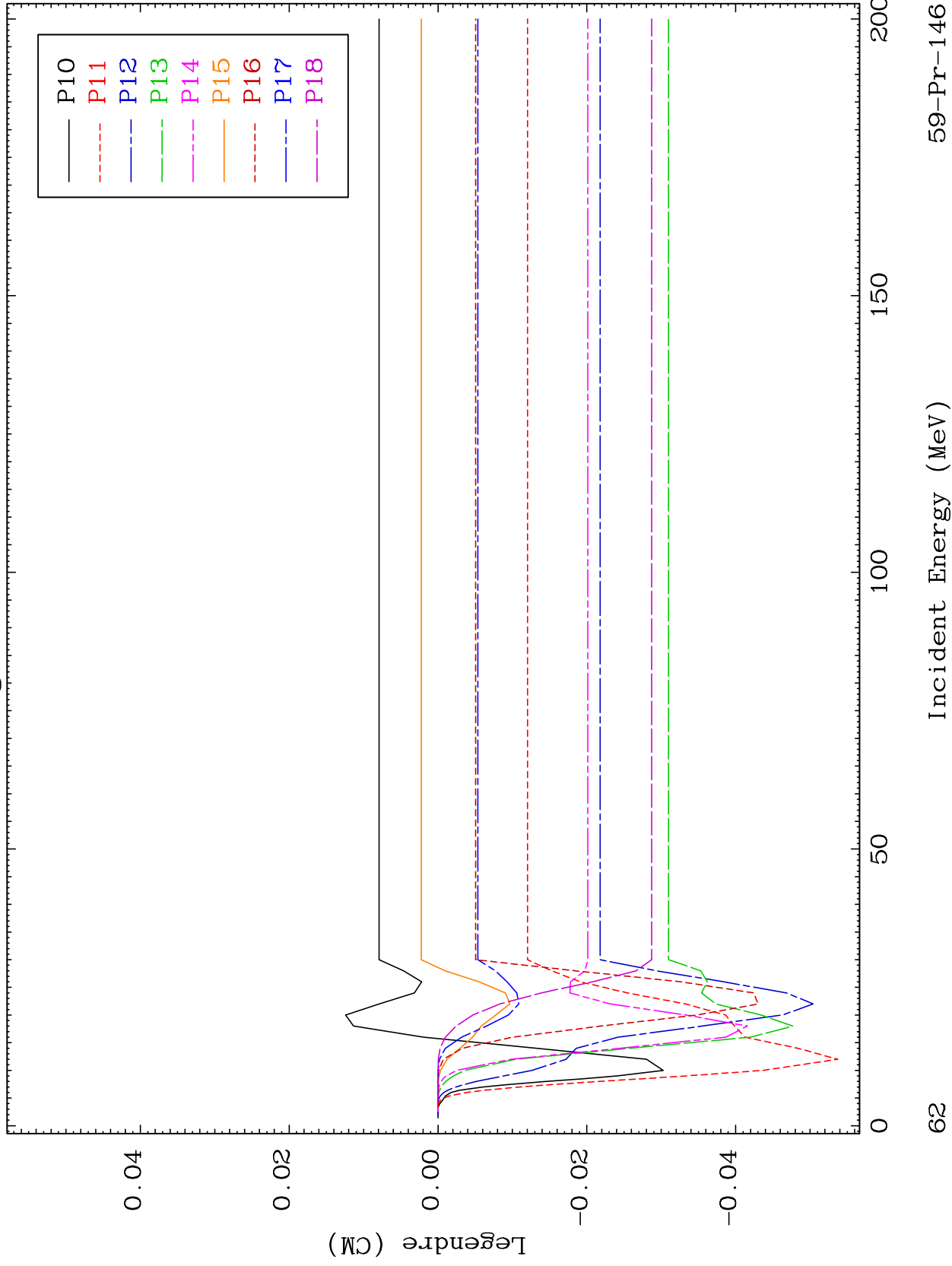
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

Incident Energy (MeV)

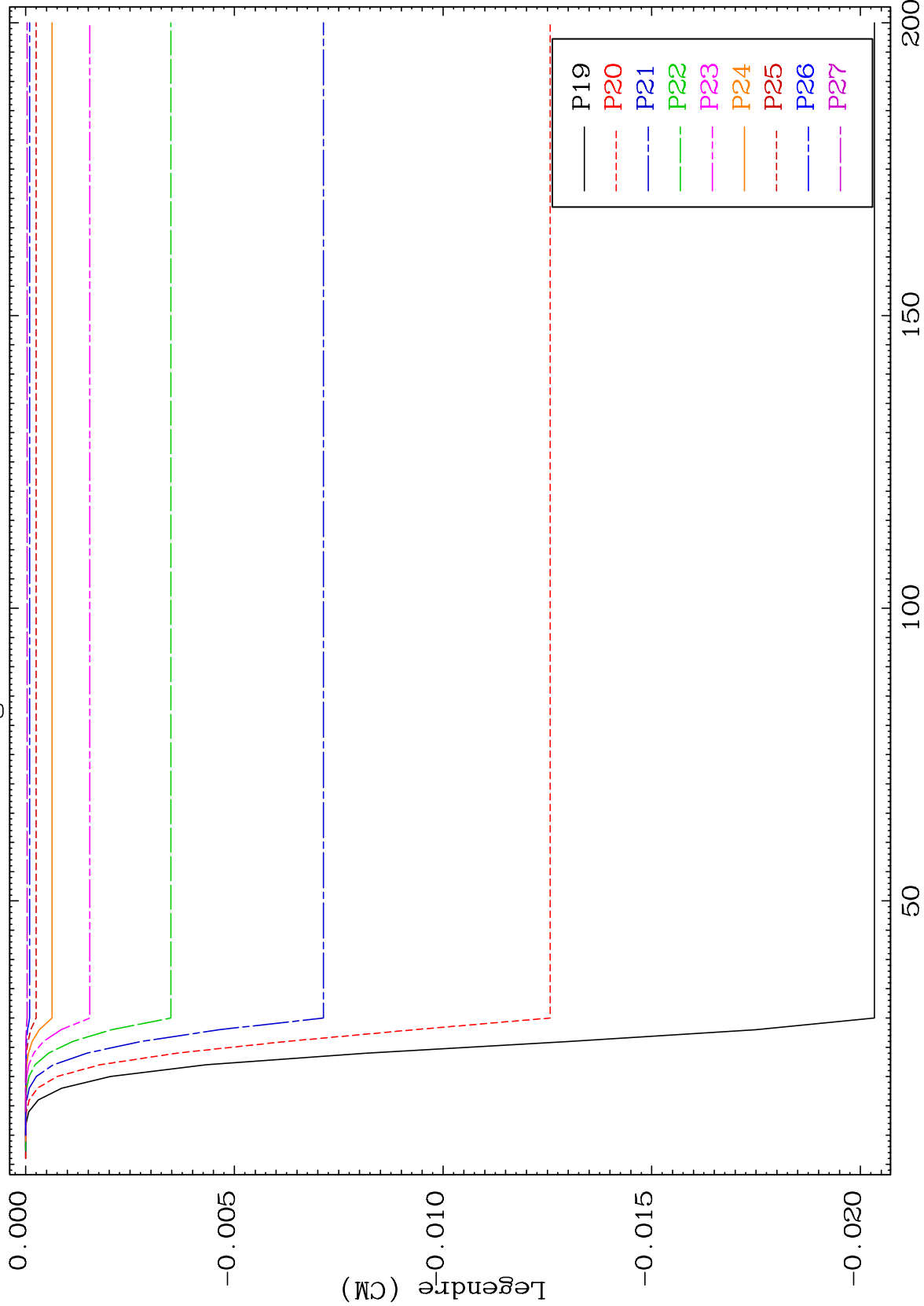
62

MAT 5940

MT= 63 (n,n') Level

59-Pr-146

Legendre Coefficients



59-Pr-146

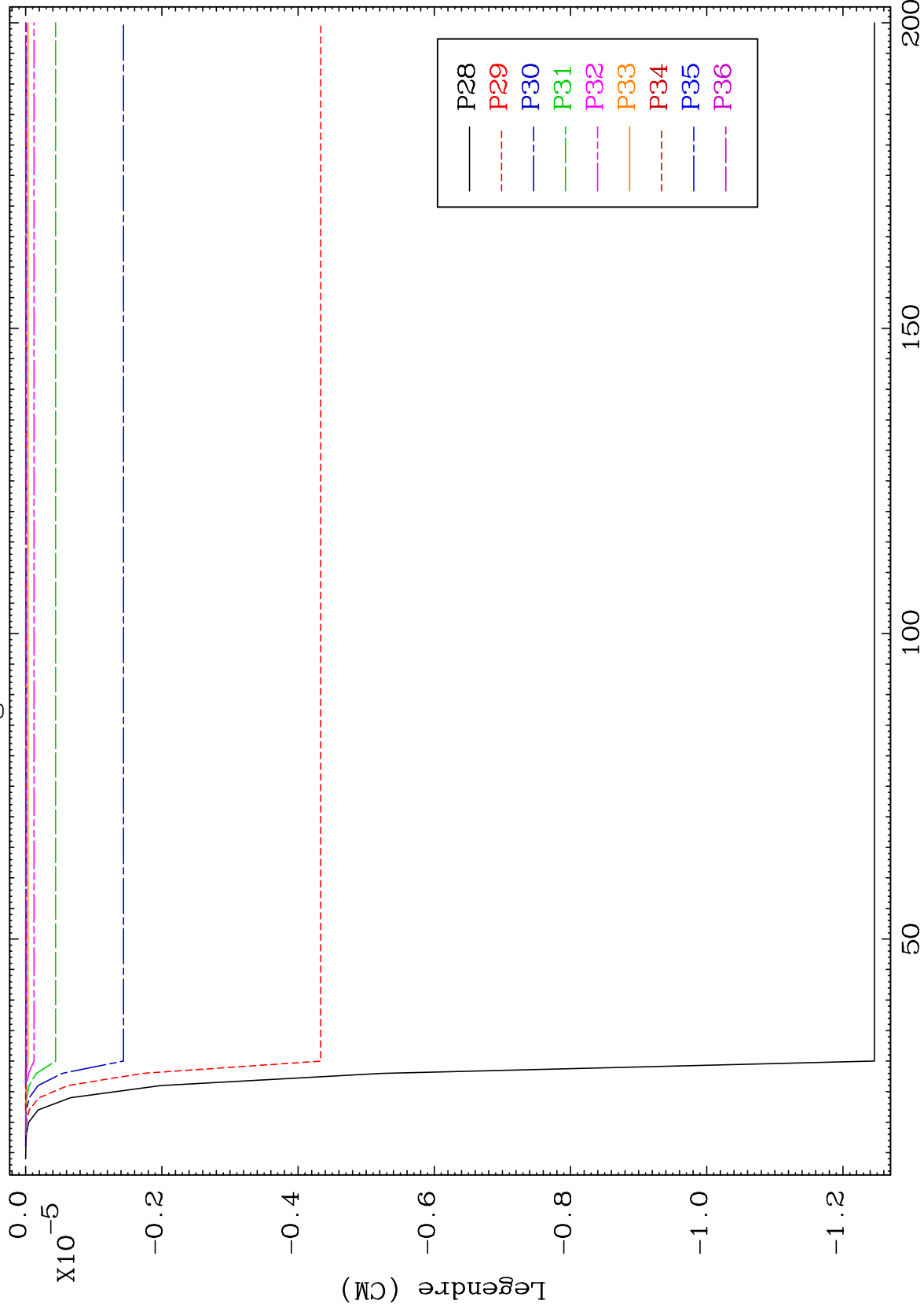
Incident Energy (MeV)

63

MAT 5940

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

59-Pr-146



64

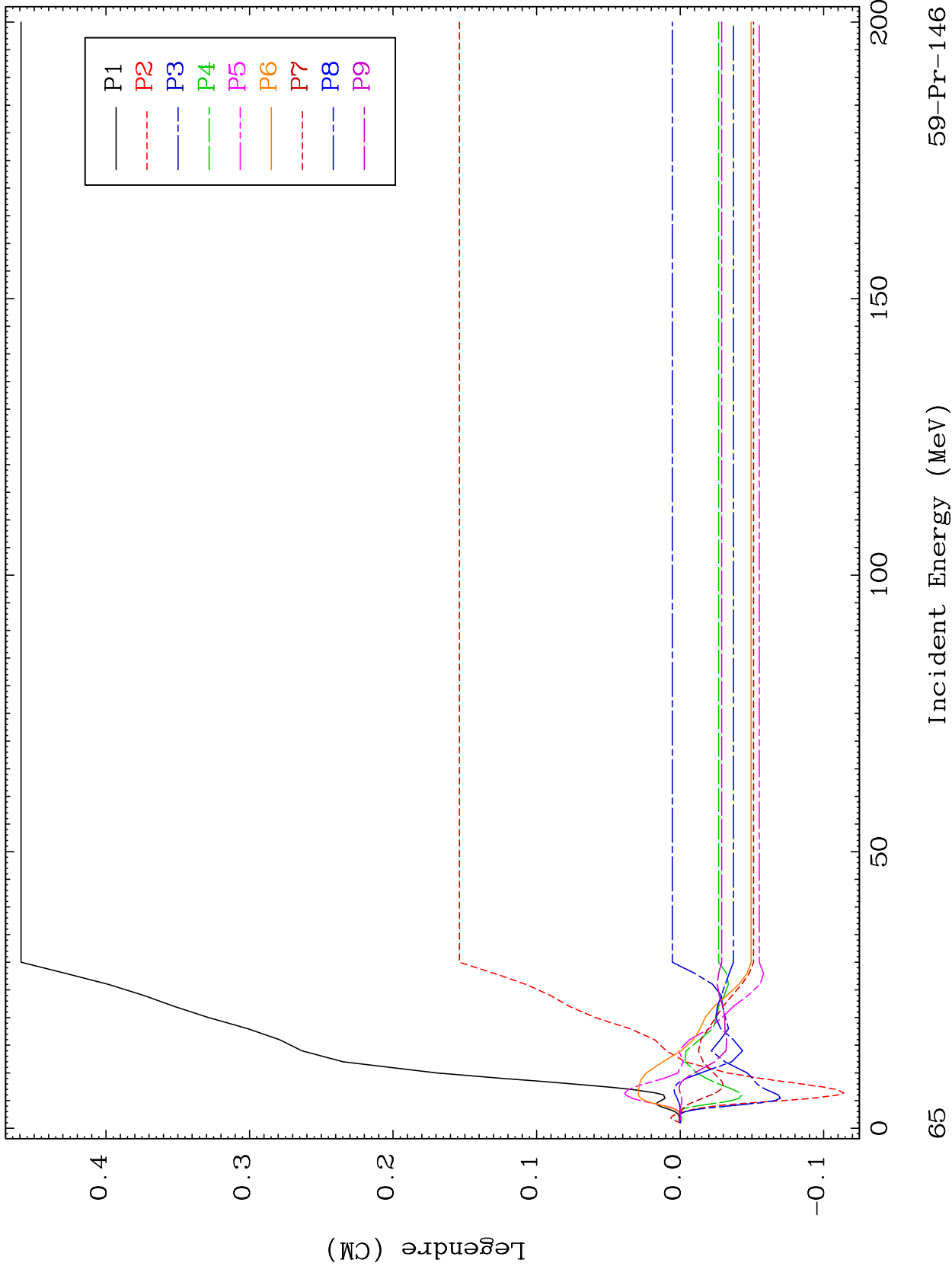
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

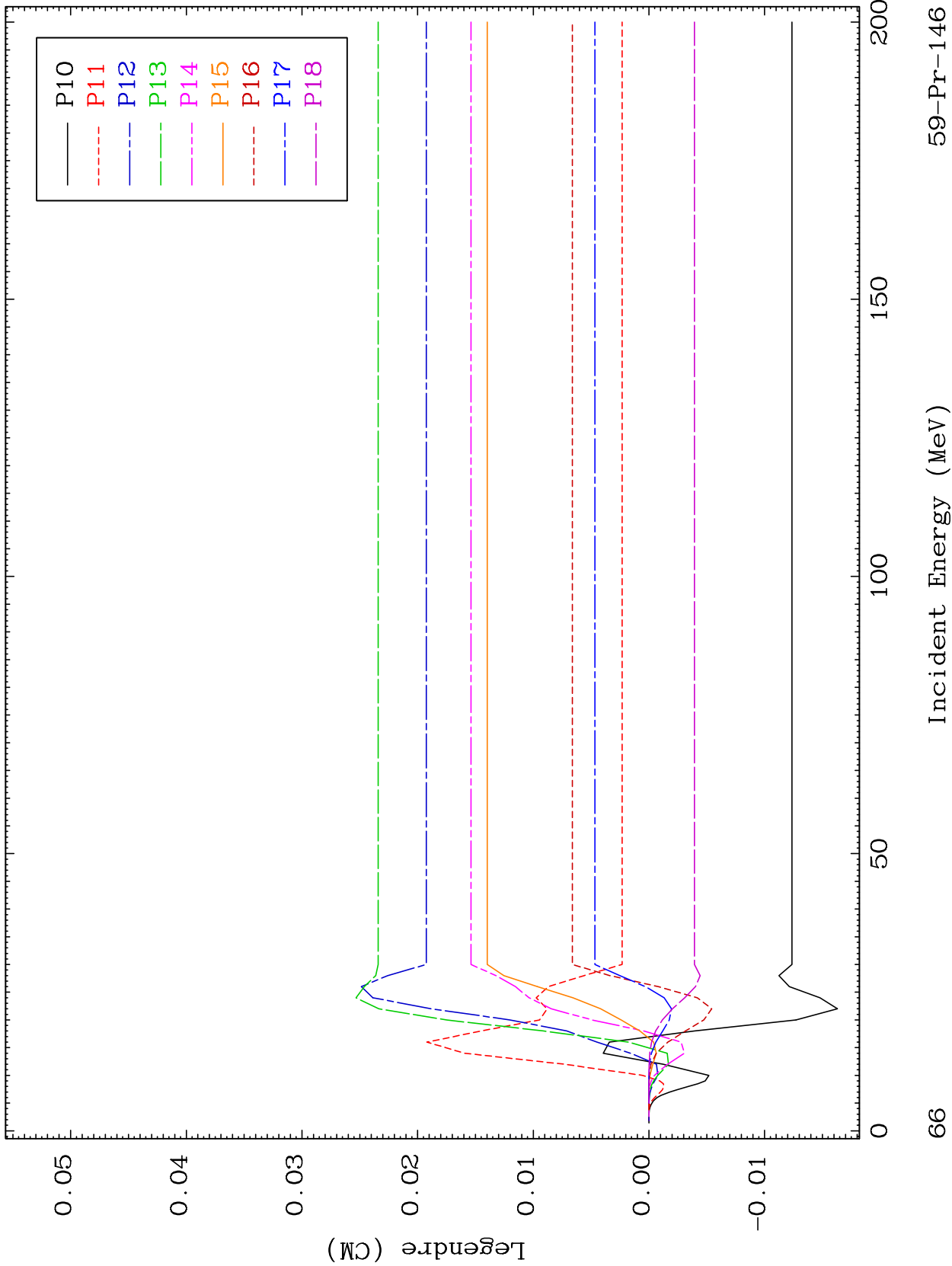
Incident Energy (MeV)

65

MAT 5940

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

59-Pr-146



66

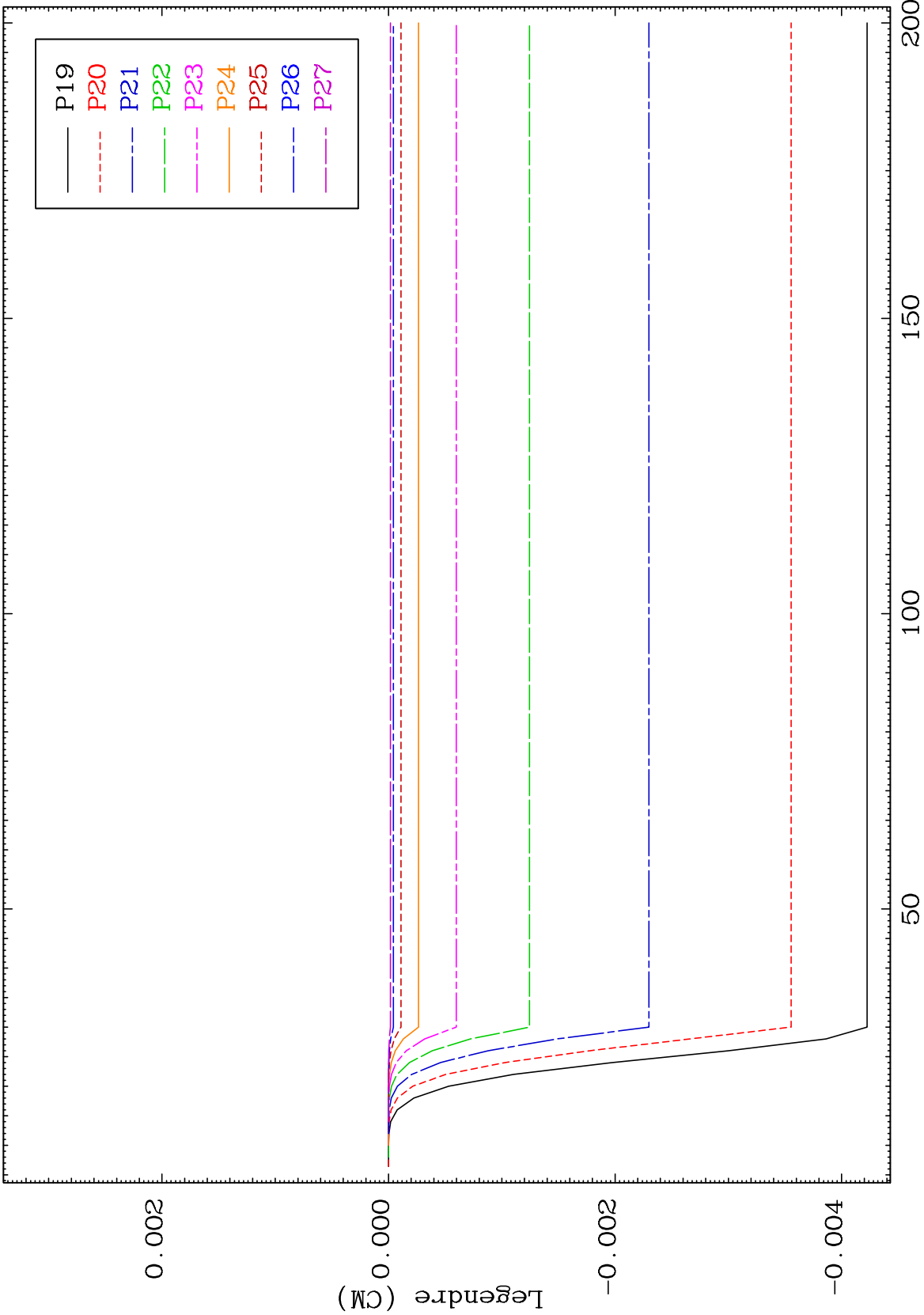
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



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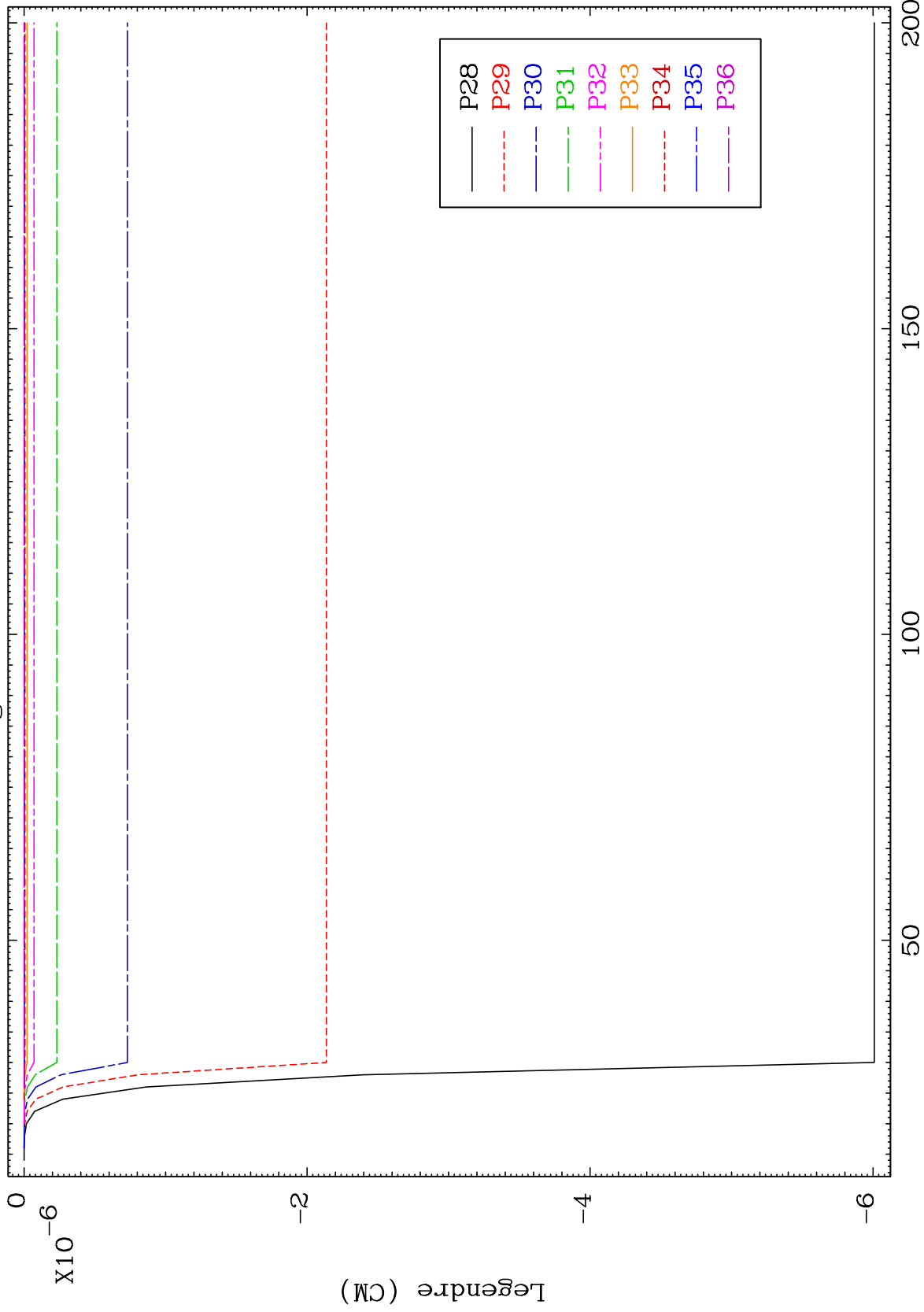
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



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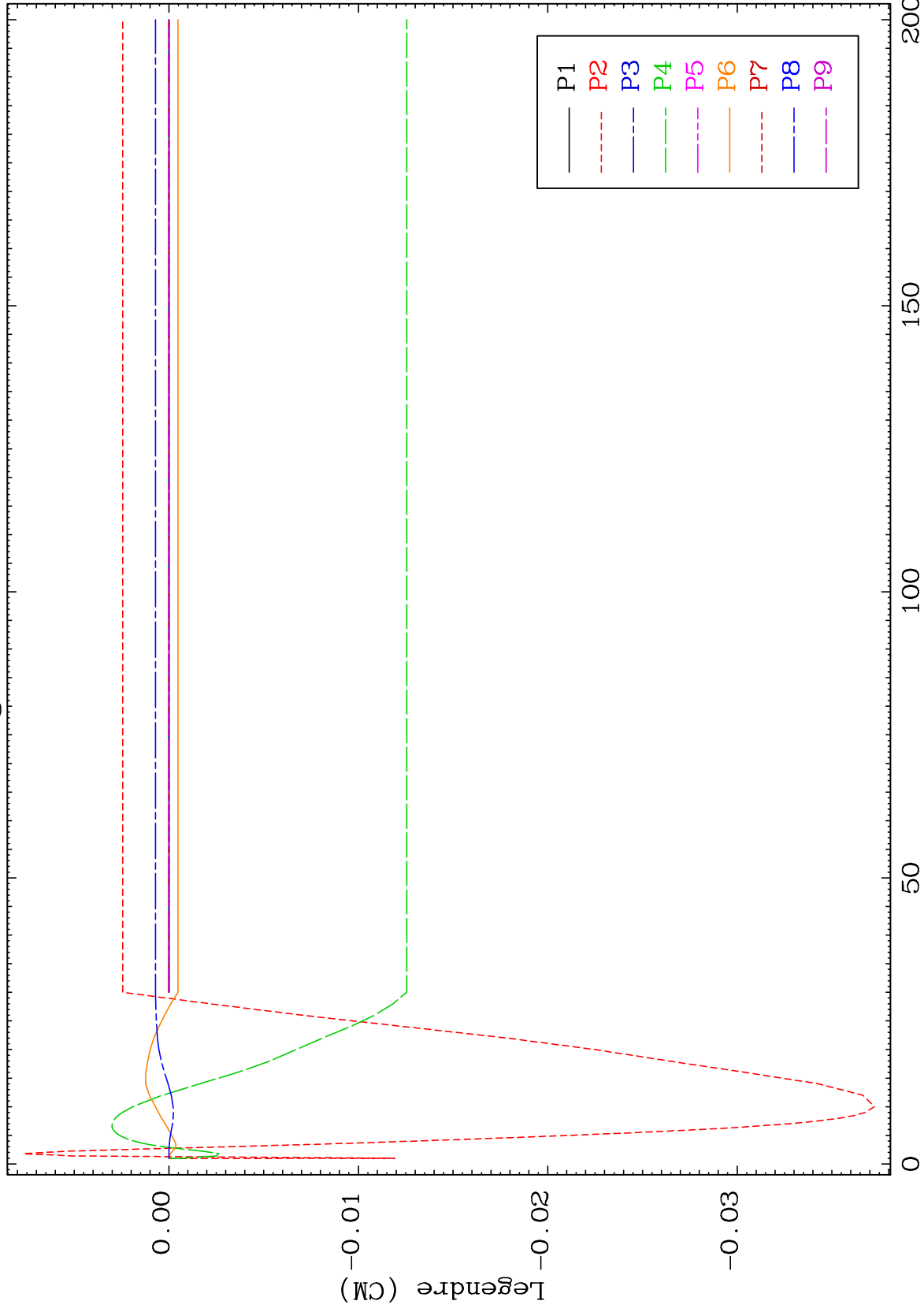
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



69

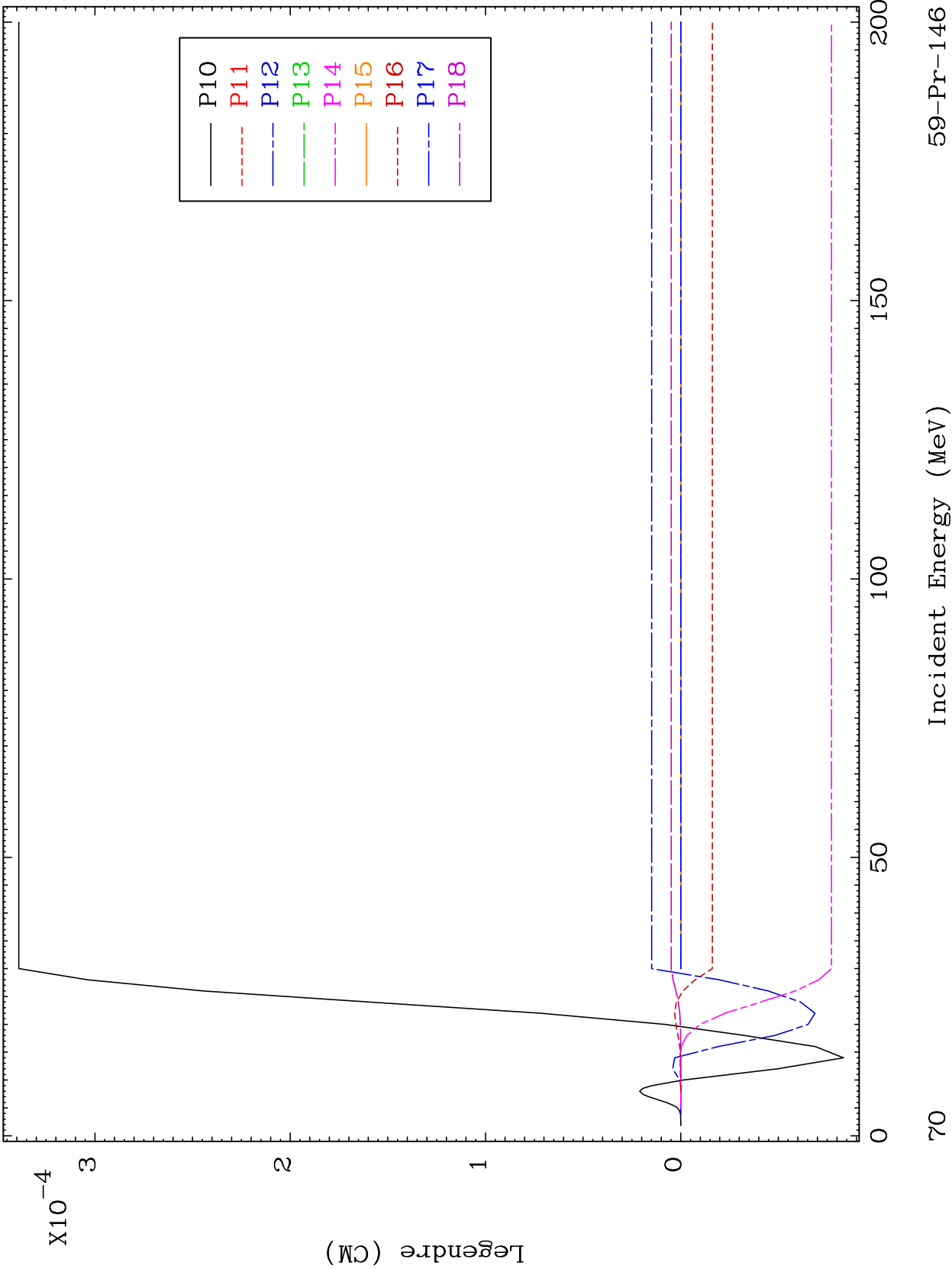
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

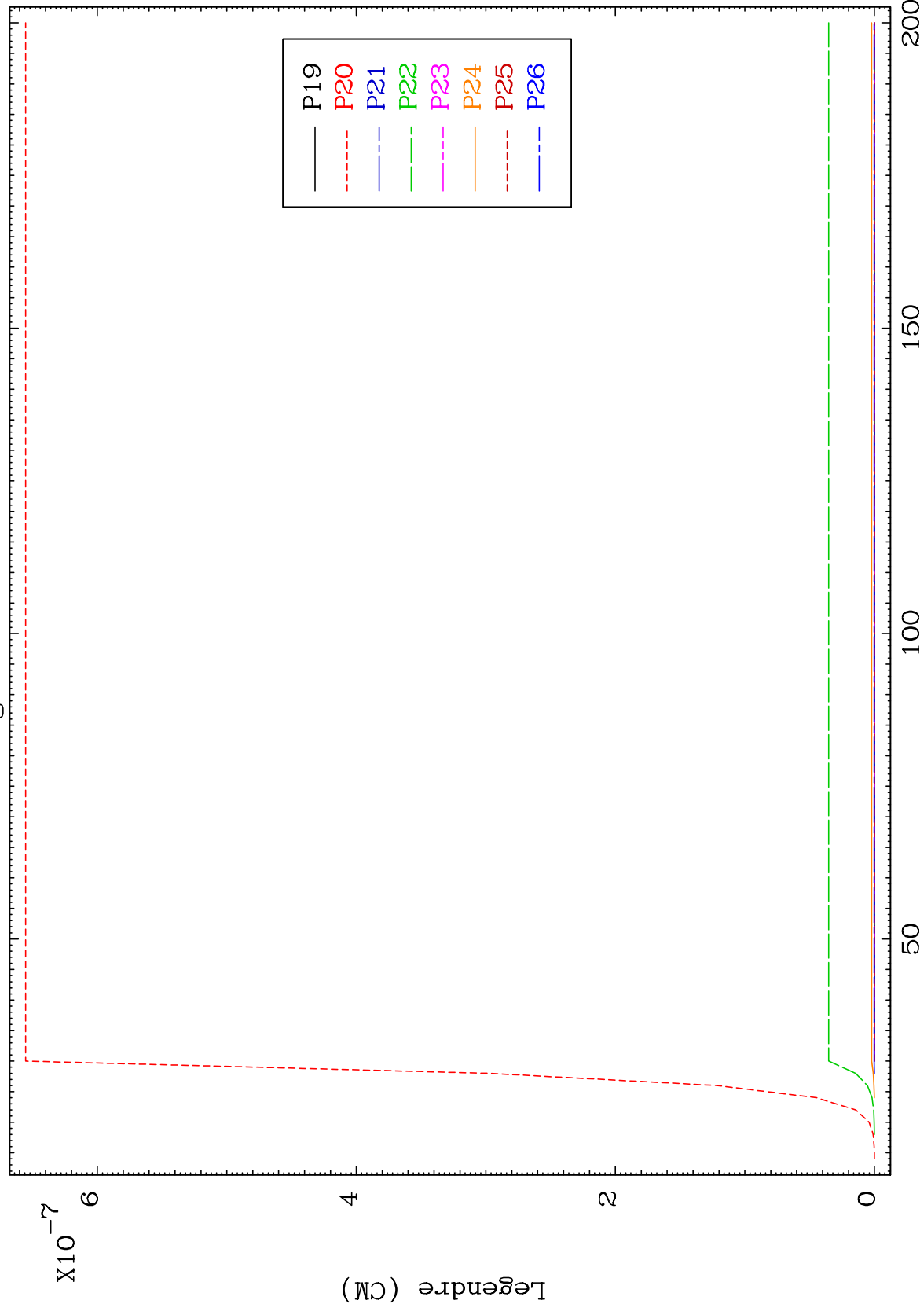
Incident Energy (MeV)

70

MAT 5940

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

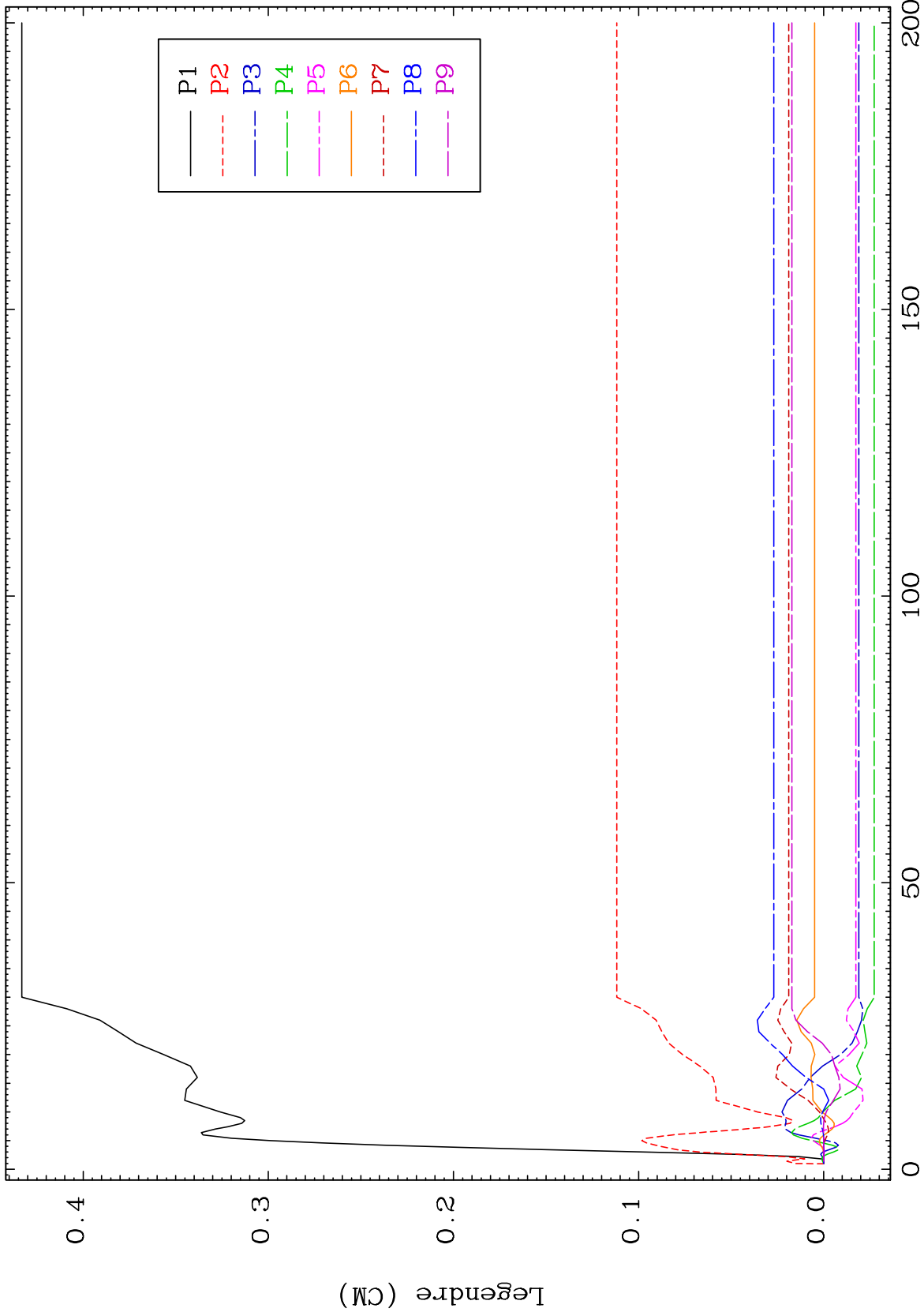
59-Pr-146



71

Incident Energy (MeV)

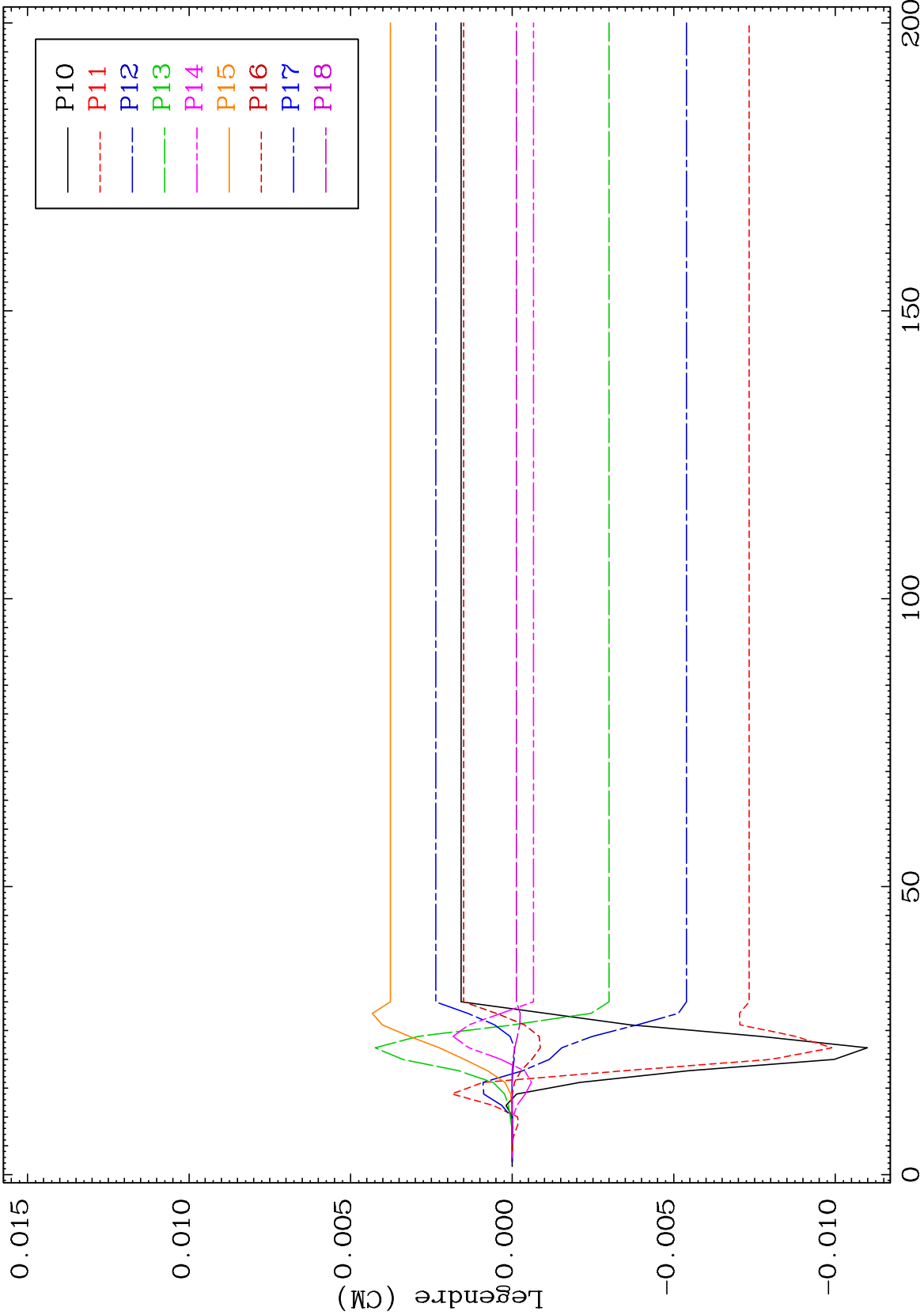
59-Pr-146



MAT 5940

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

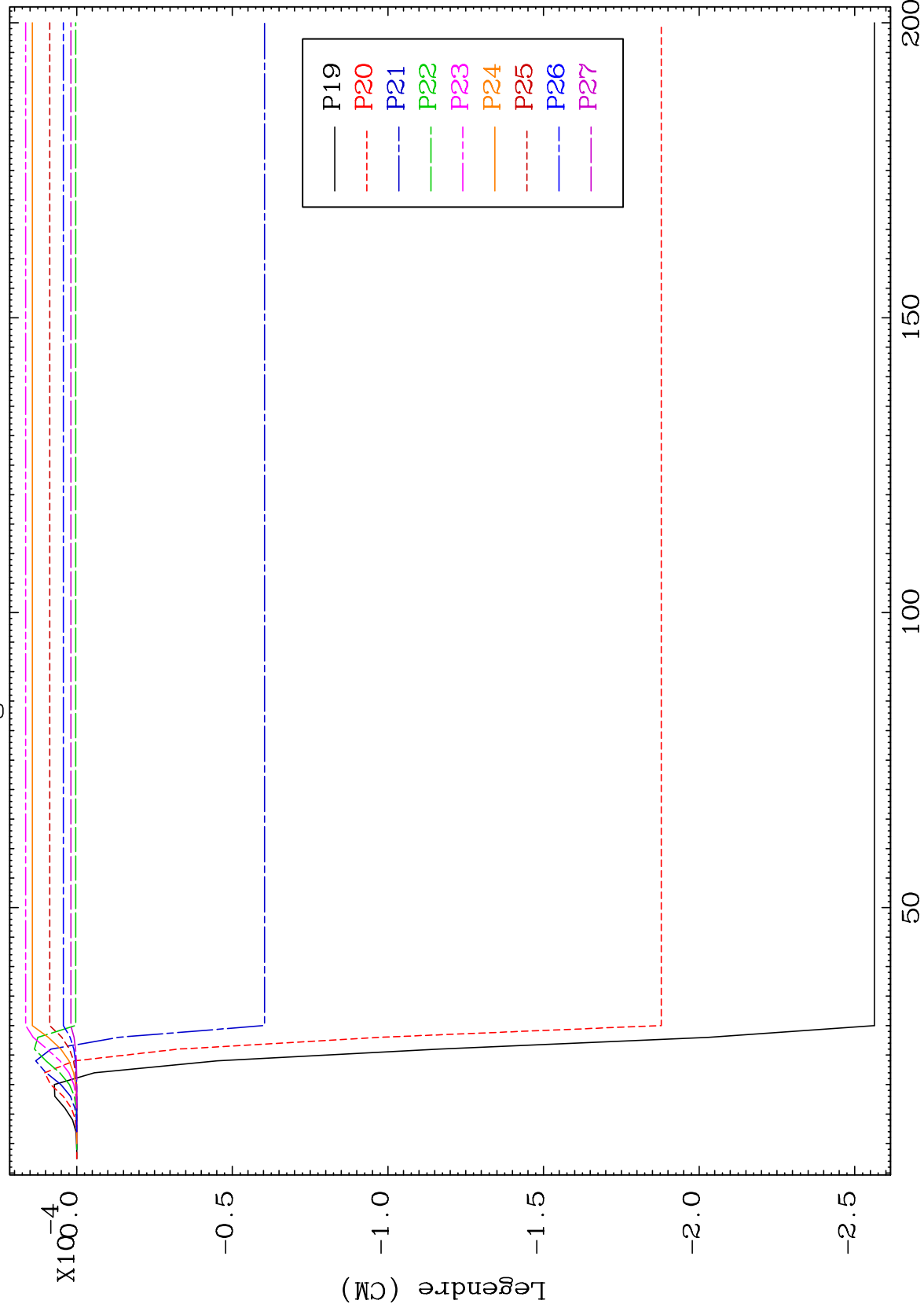
59-Pr-146



73

Incident Energy (MeV)

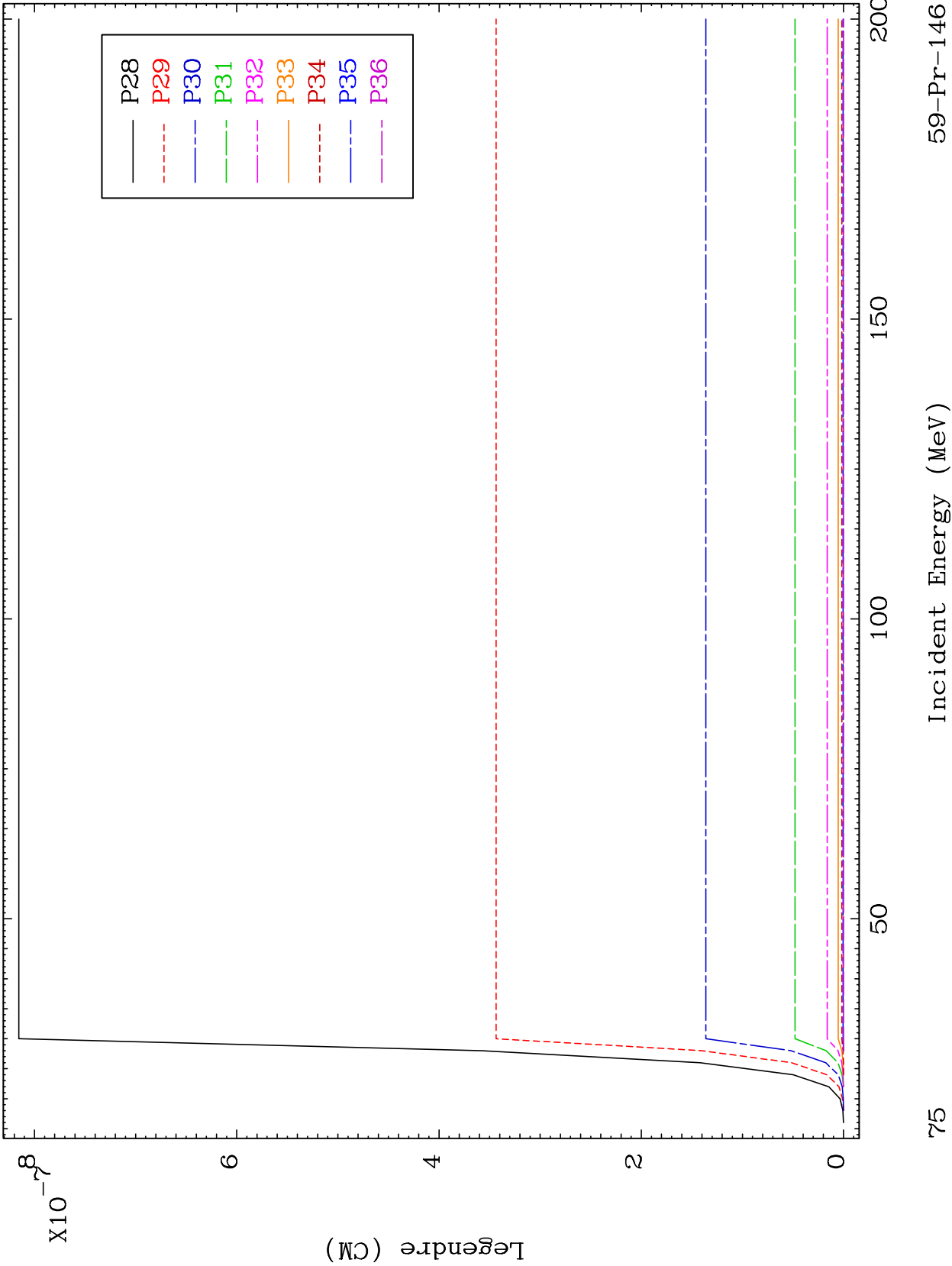
59-Pr-146



MAT 5940

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

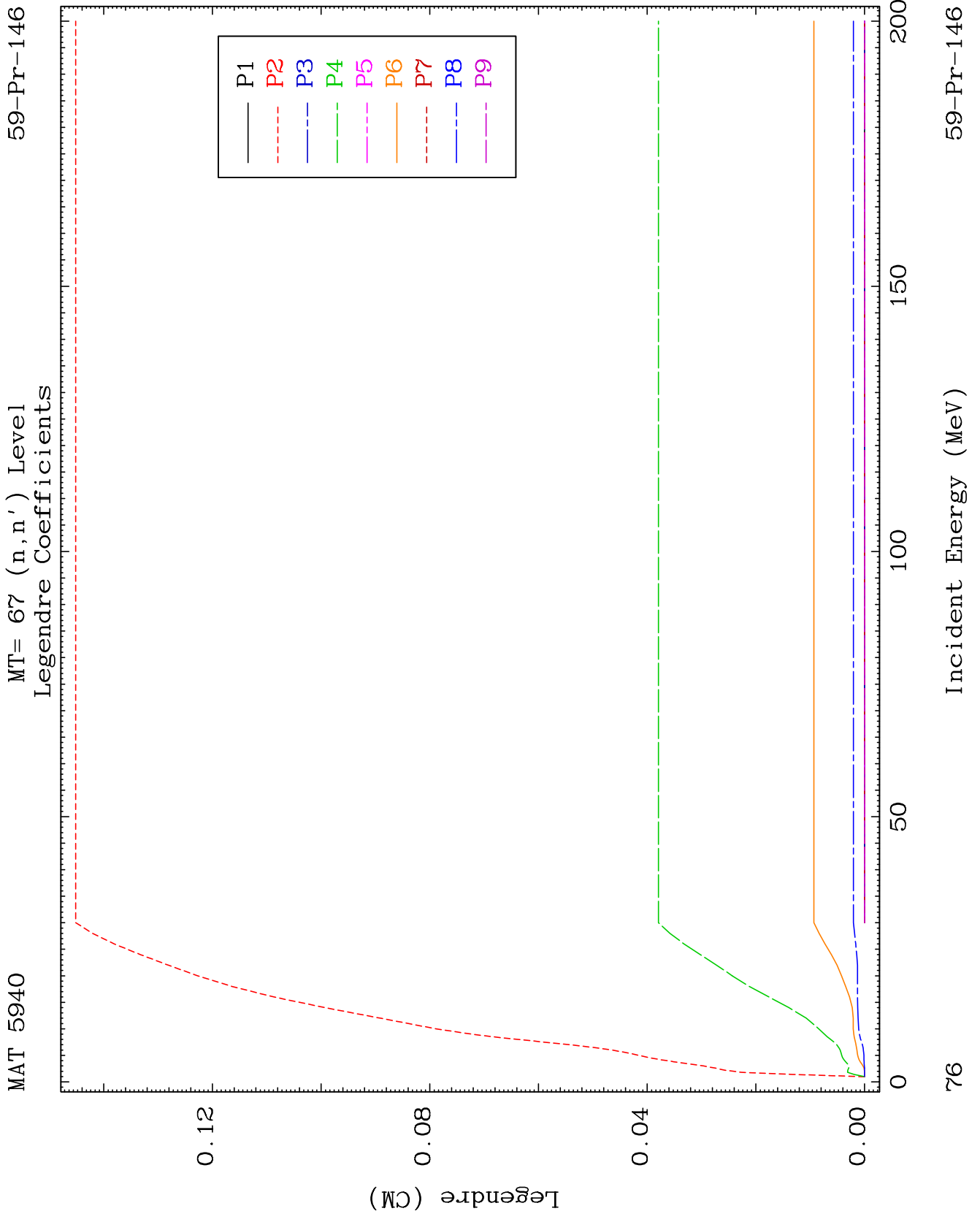
59-Pr-146



59-Pr-146

Incident Energy (MeV)

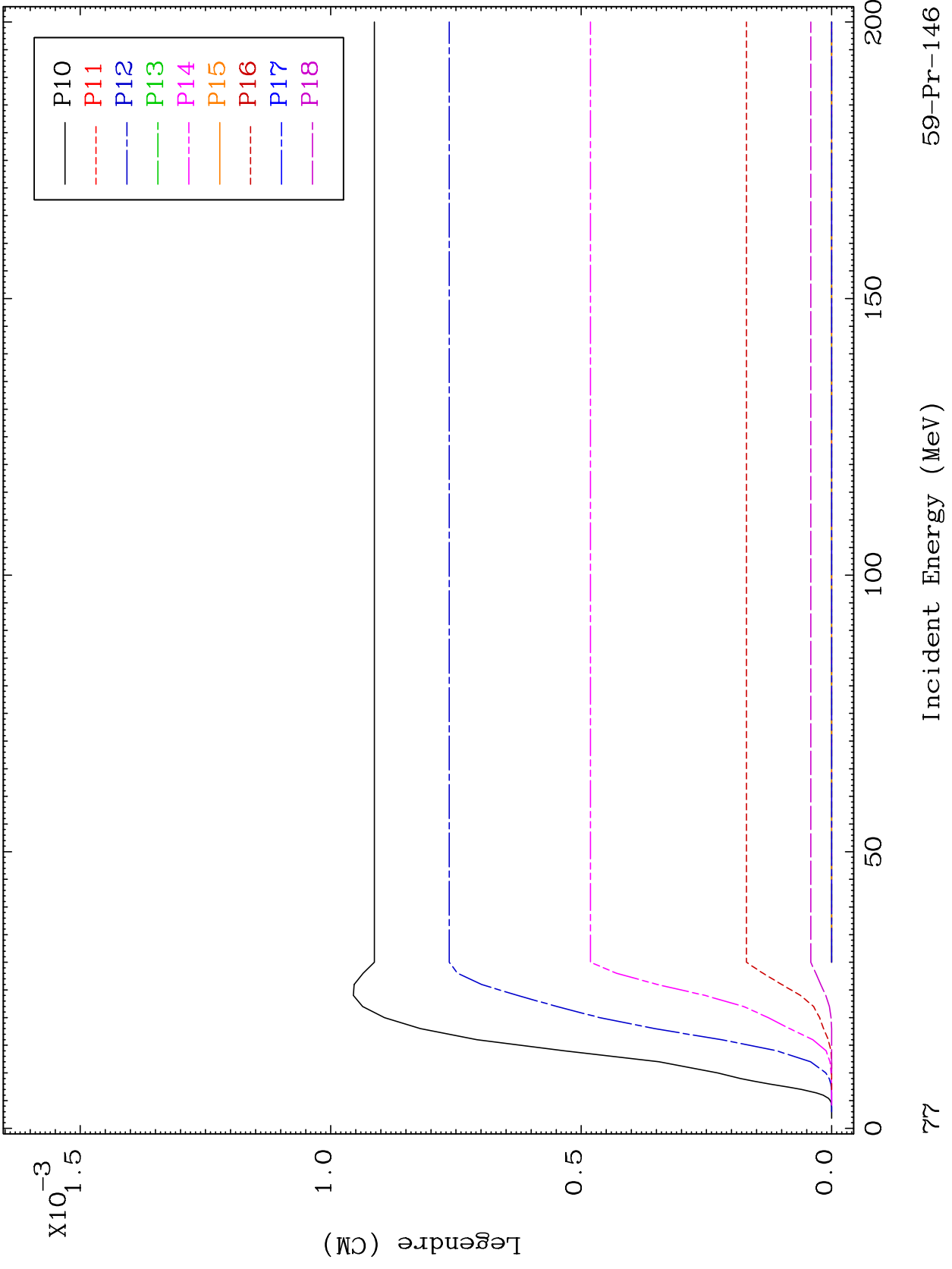
75



MAT 5940

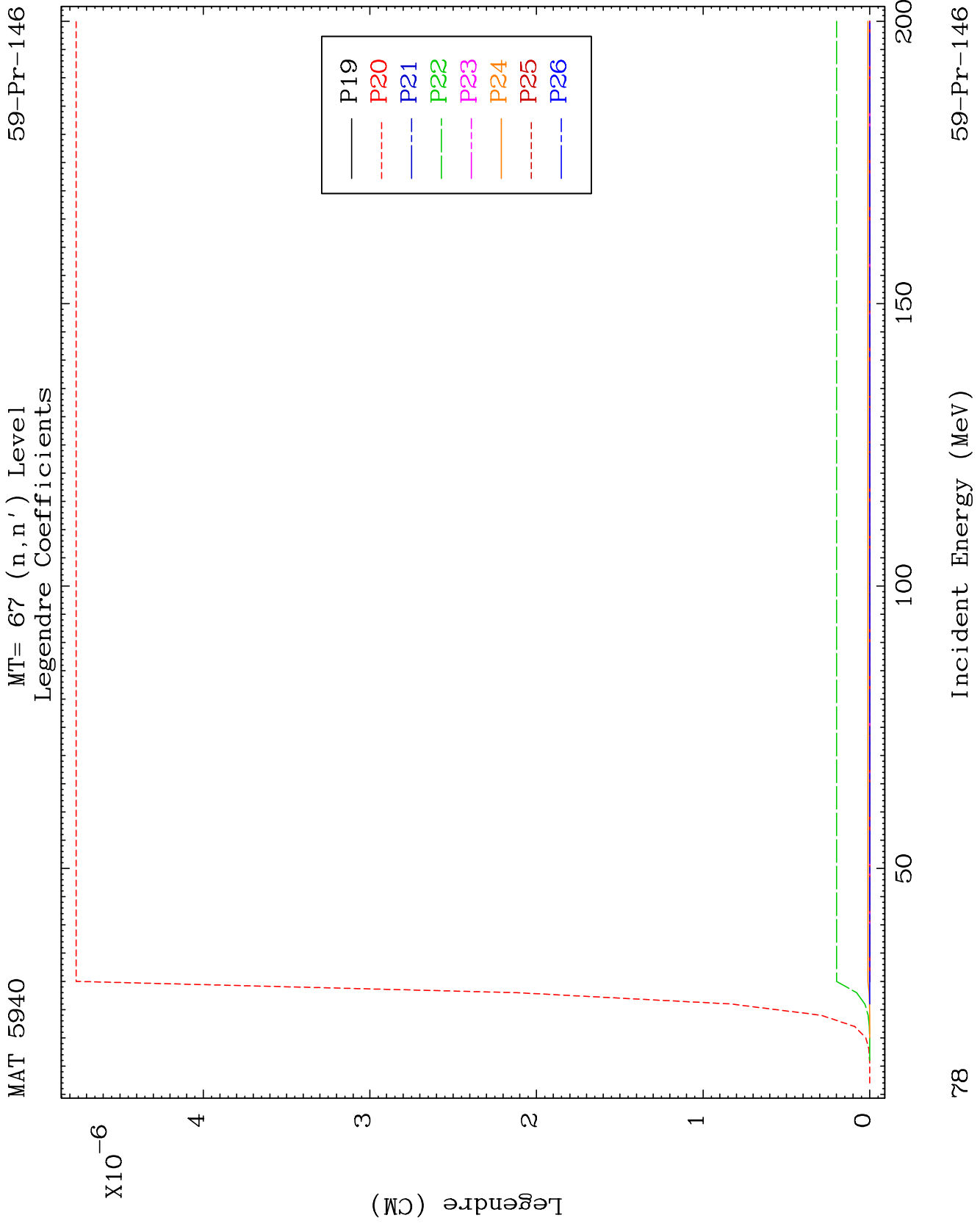
MT= 67 (n,n') Level
Legendre Coefficients

59-Pr-146



77

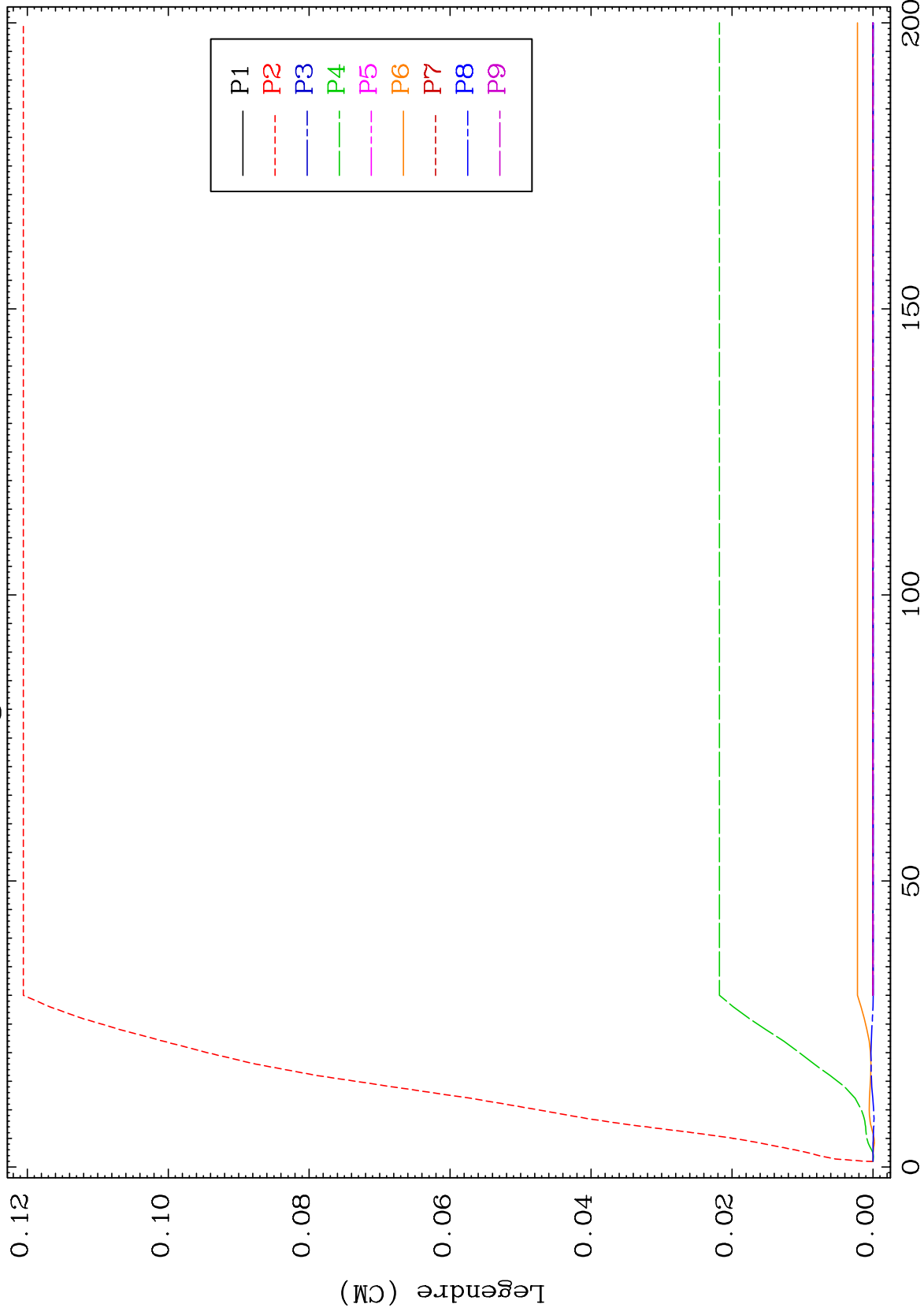
59-Pr-146



MAT 5940

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

59-Pr-146



79

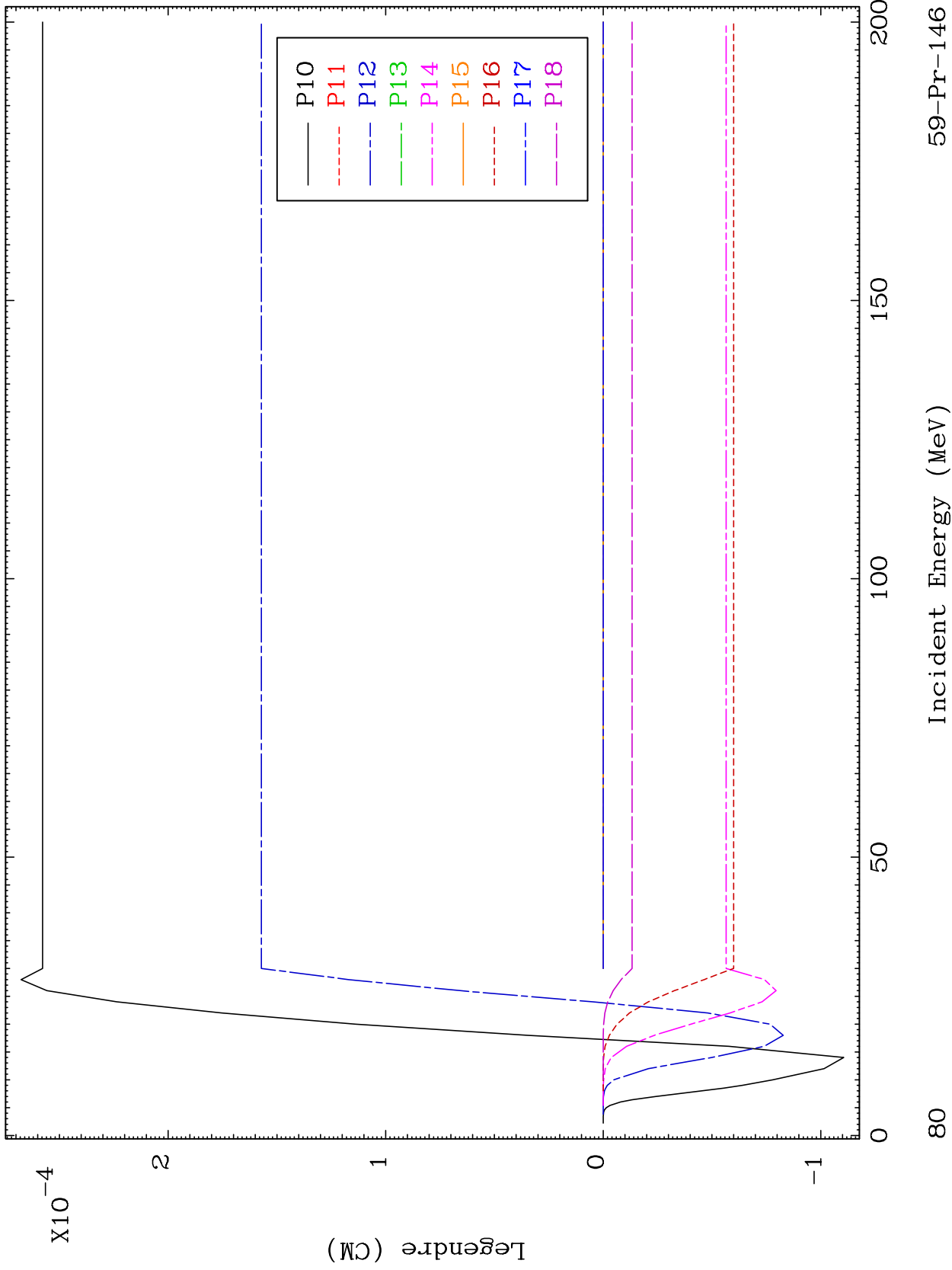
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



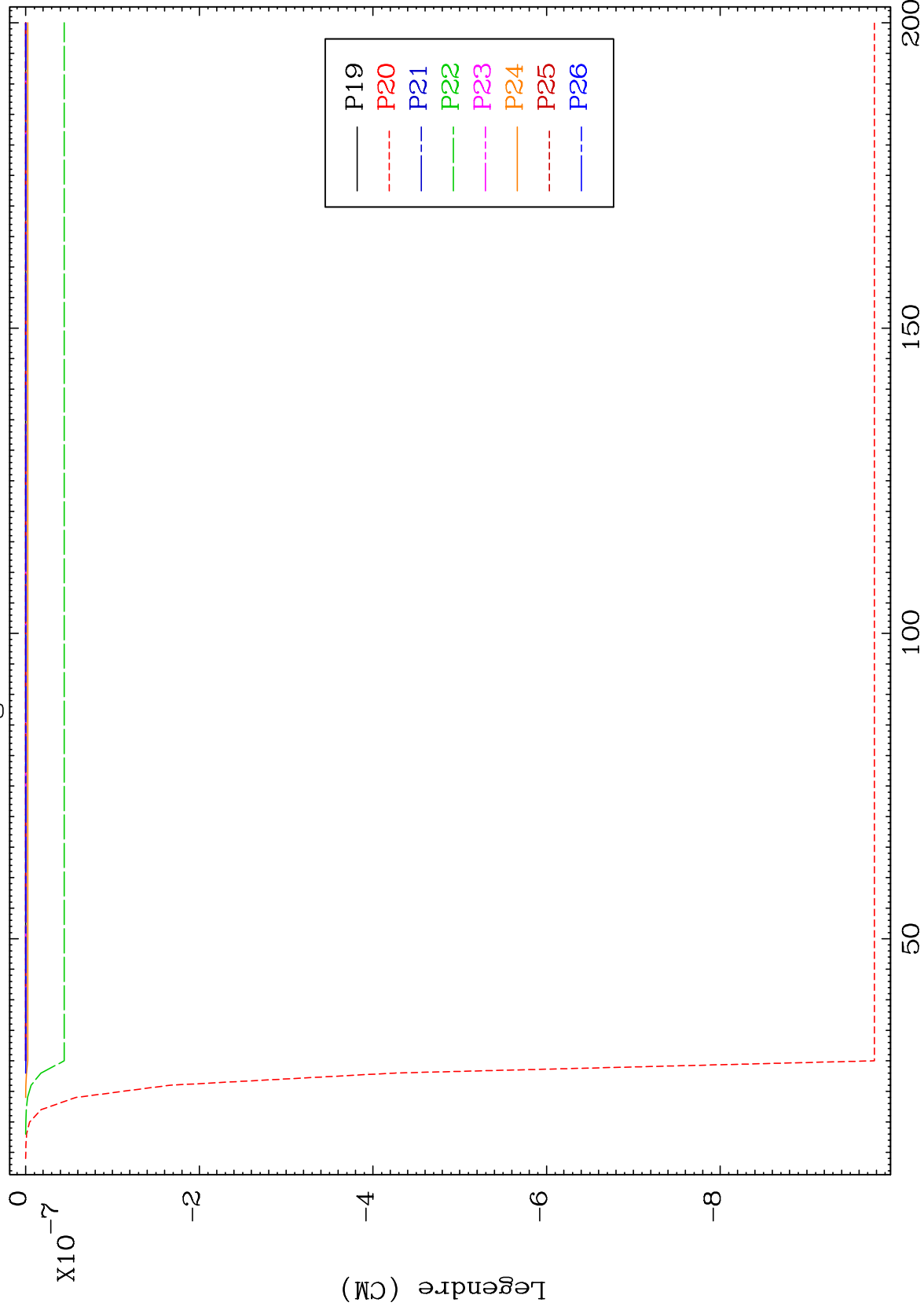
59-Pr-146

Incident Energy (MeV)

MAT 5940

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

59-Pr-146



59-Pr-146

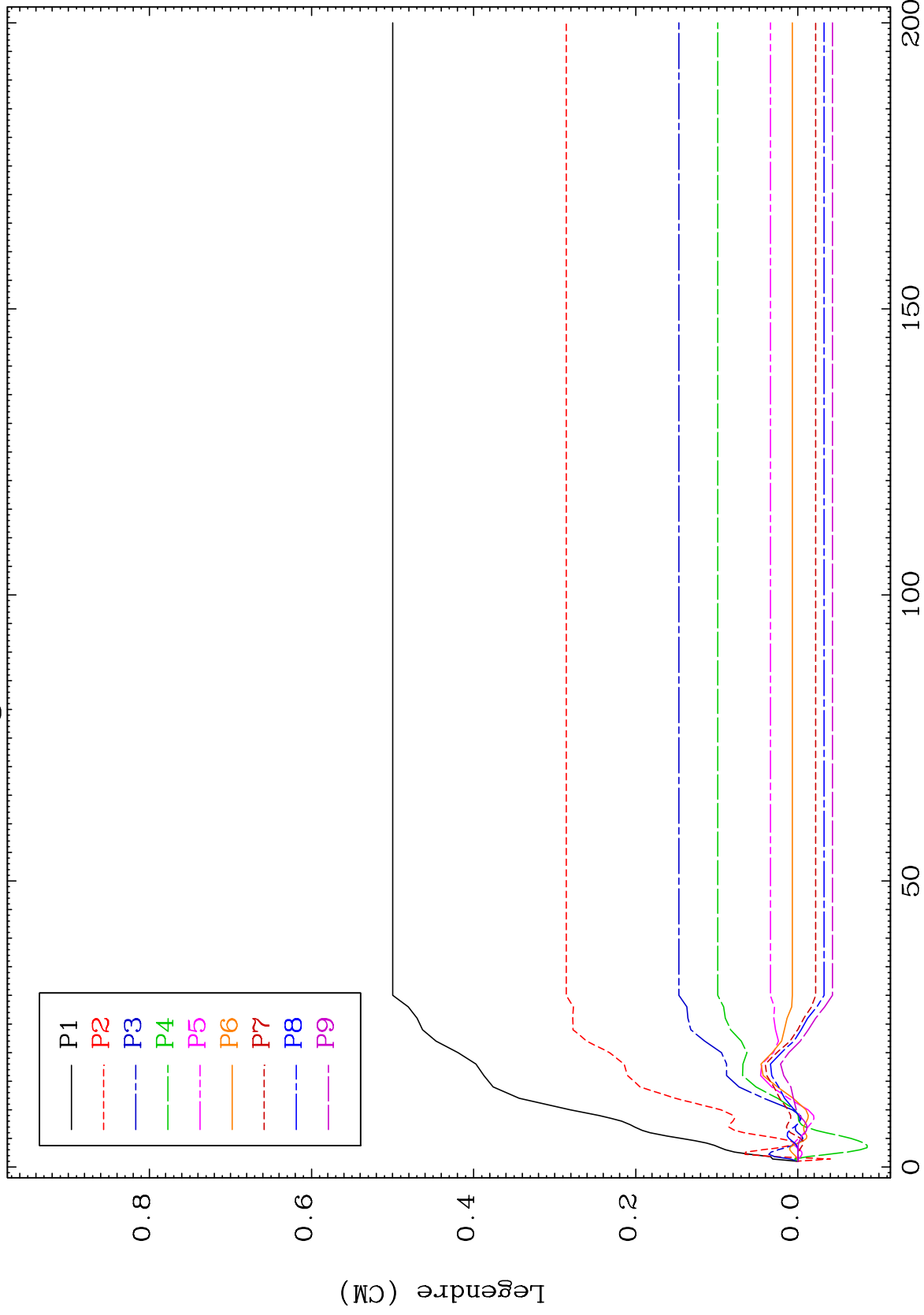
Incident Energy (MeV)

81

MAT 5940

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

59-Pr-146



59-Pr-146

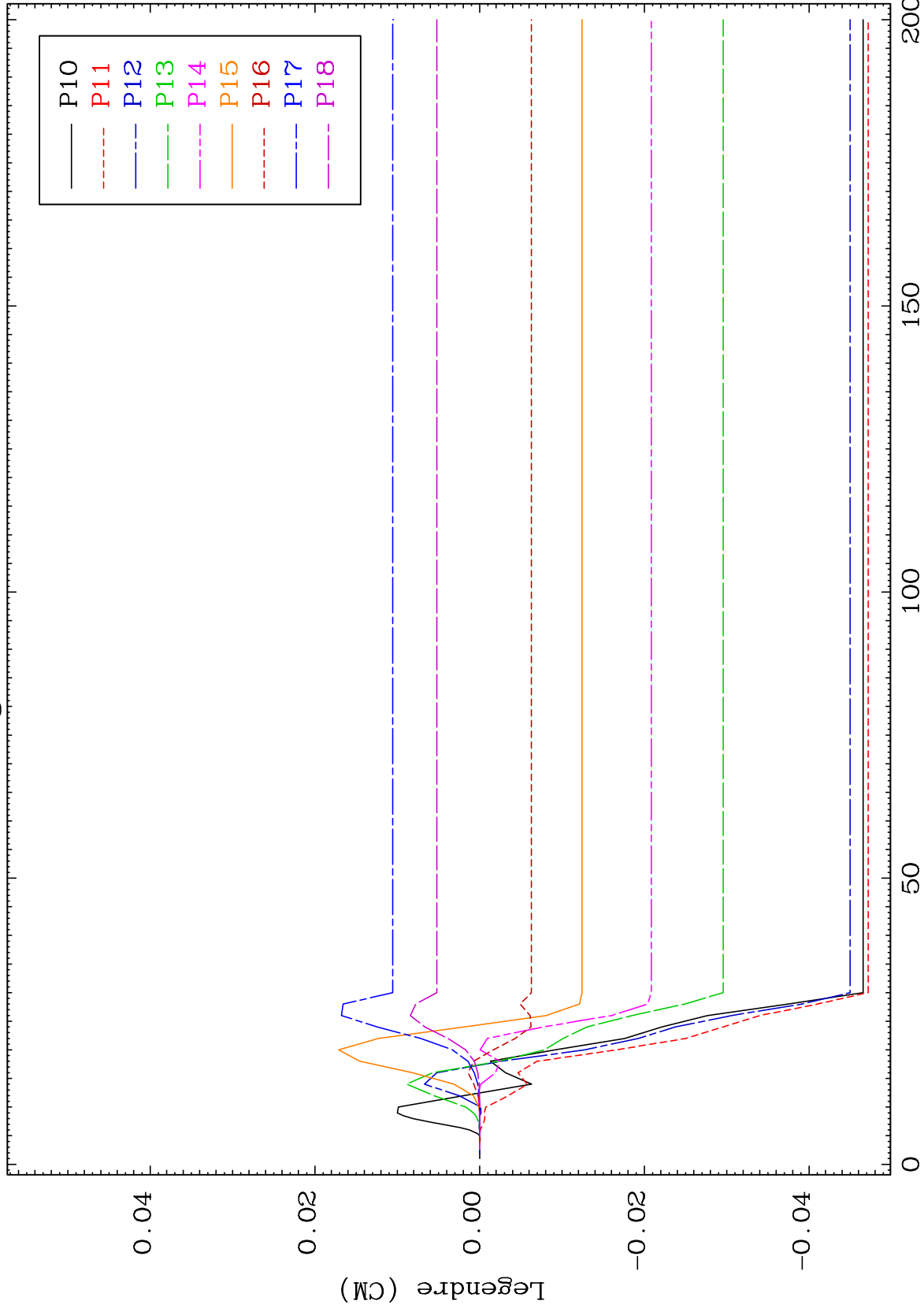
Incident Energy (MeV)

82

MAT 5940

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

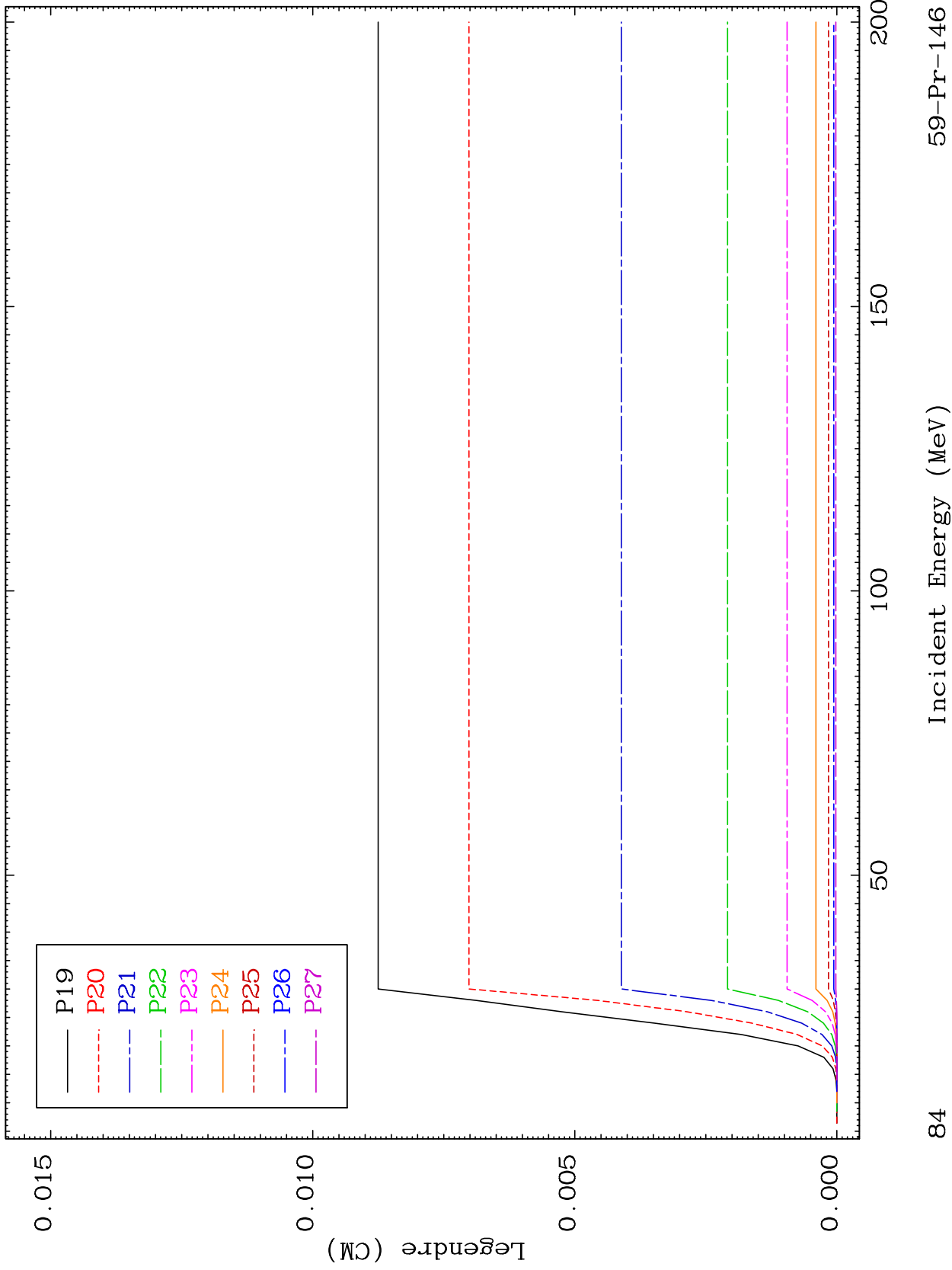
59-Pr-146



83

Incident Energy (MeV)

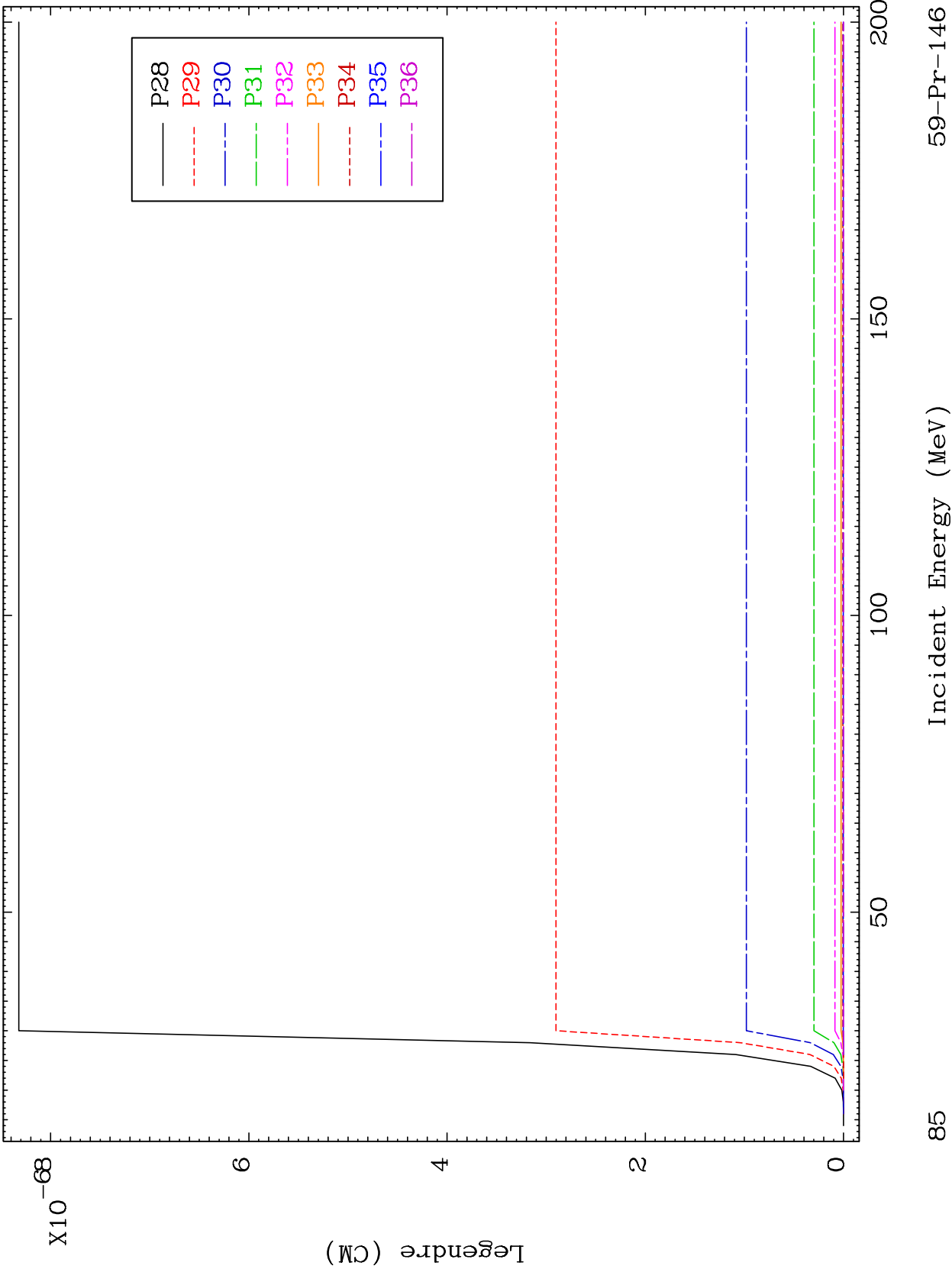
59-Pr-146



MAT 5940

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

59-Pr-146



85

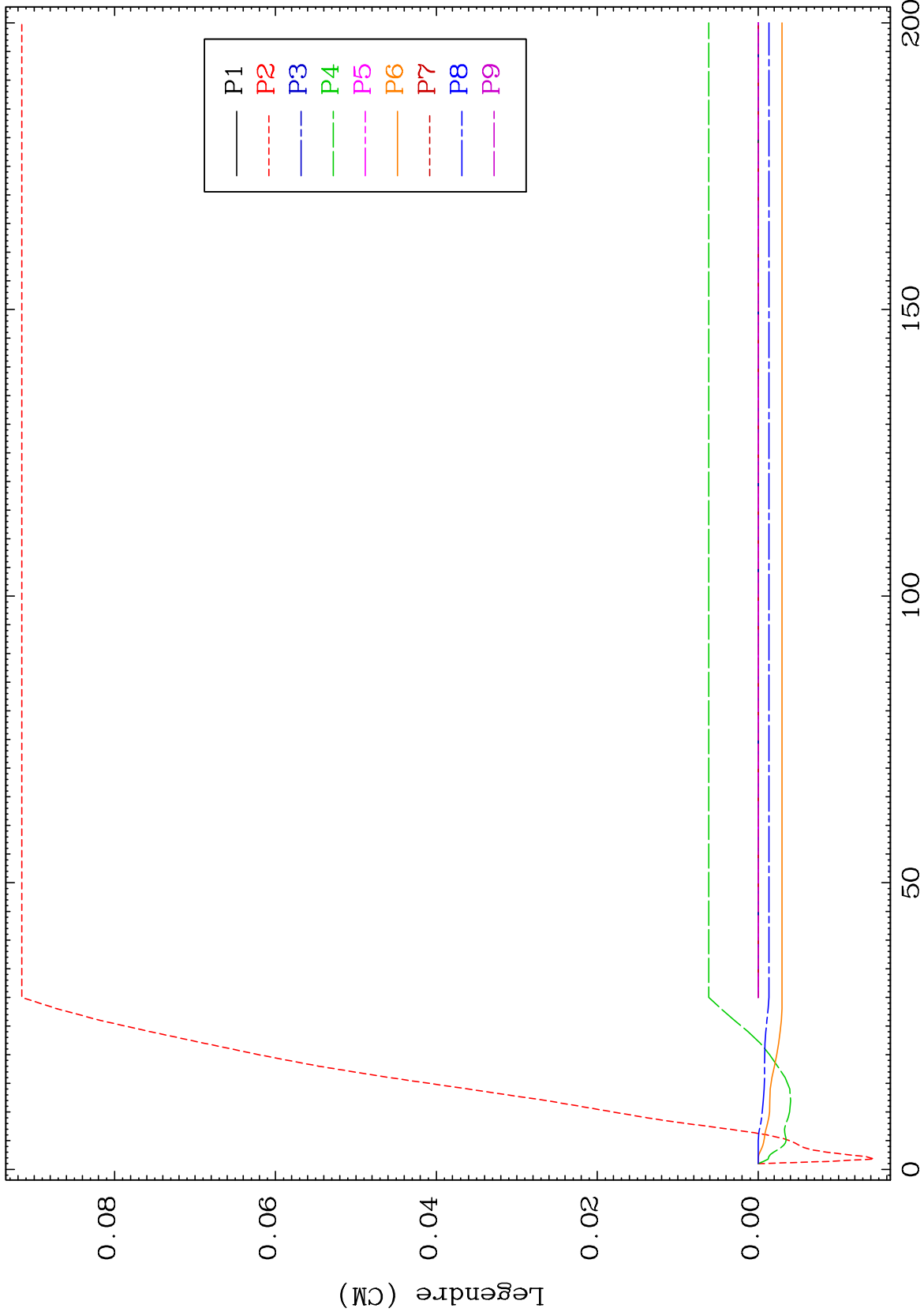
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



86

Incident Energy (MeV)

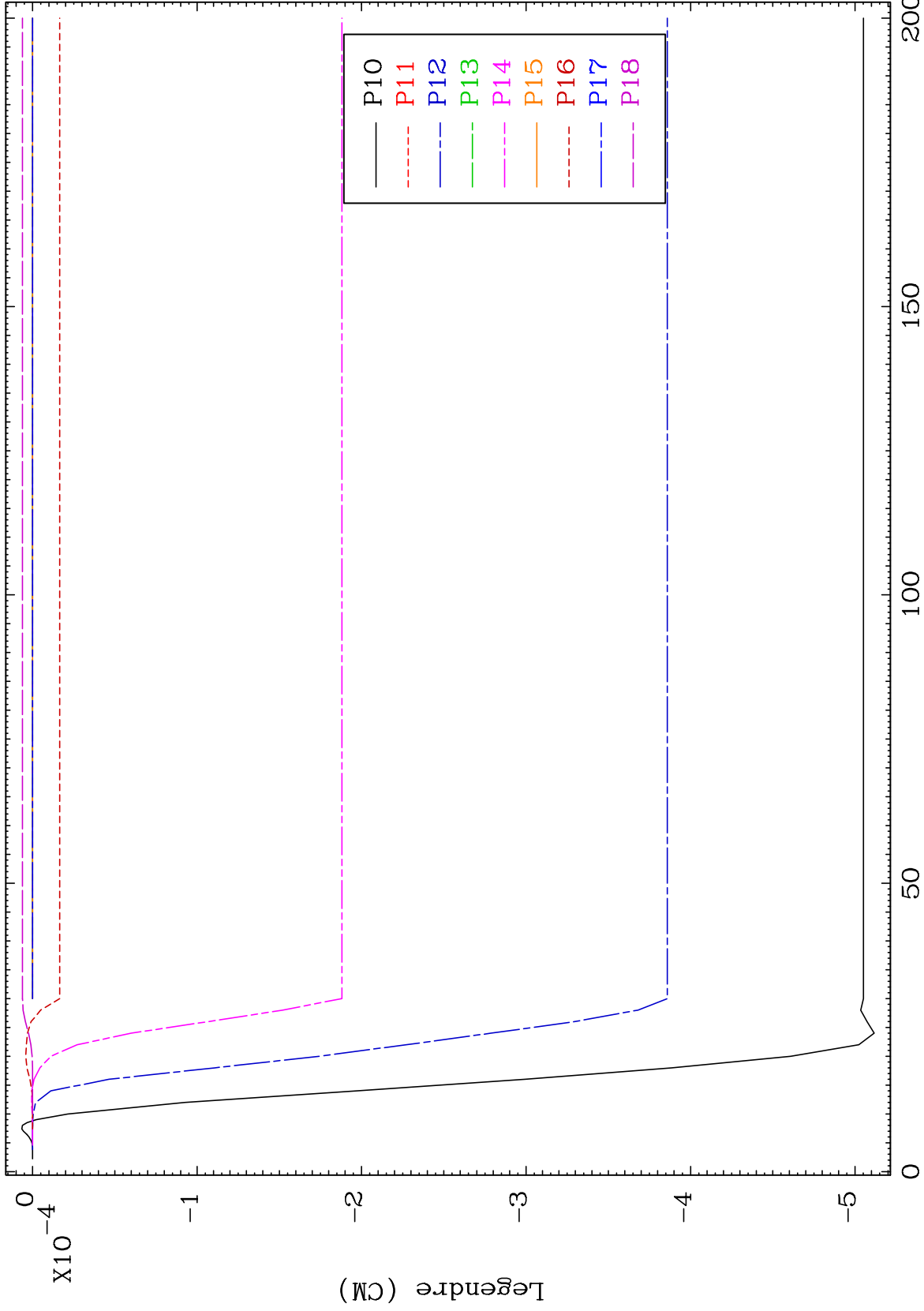
59-Pr-146

MAT 5940

MT= 70 (n,n') Level

59-Pr-146

Legendre Coefficients



87

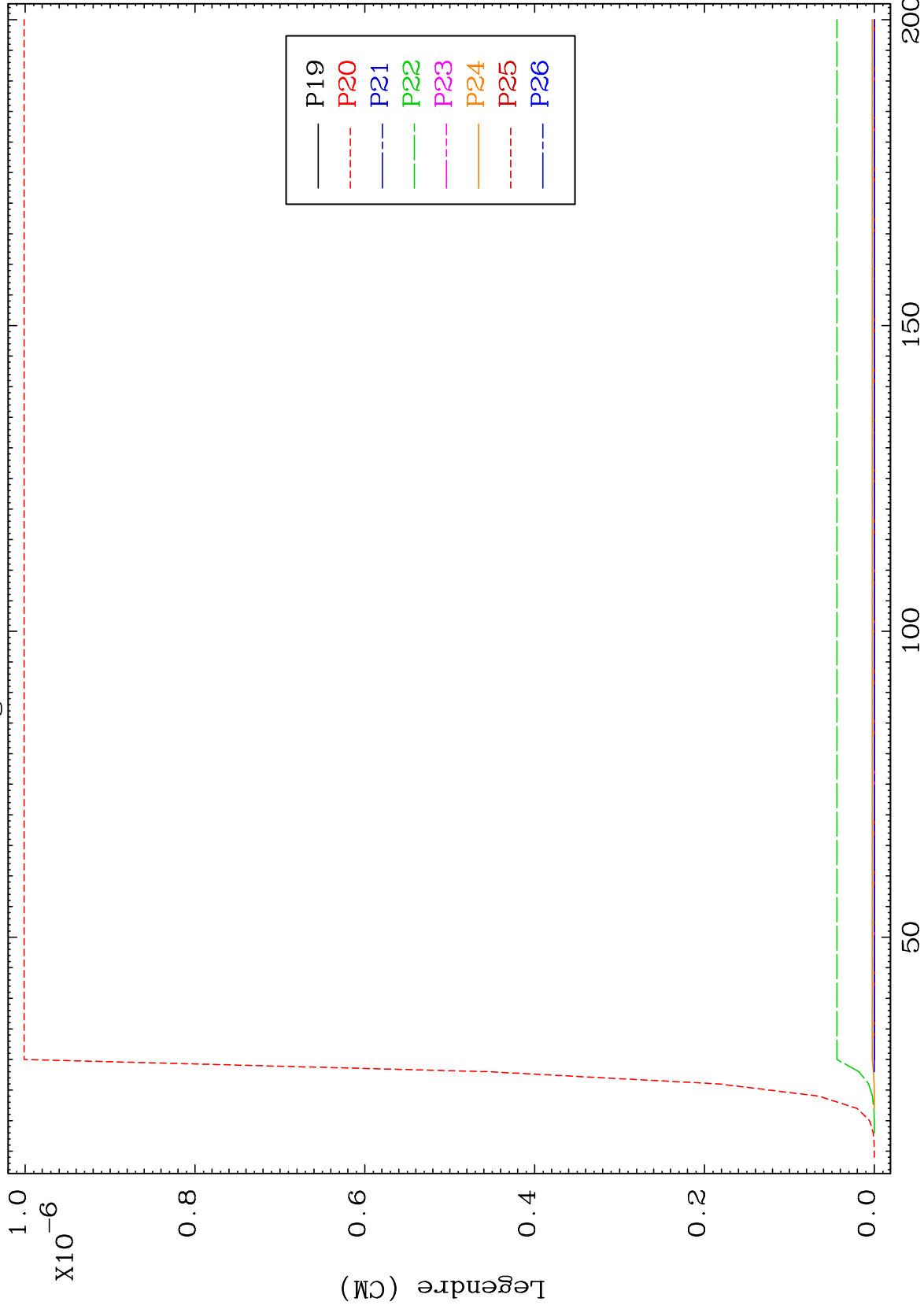
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



88

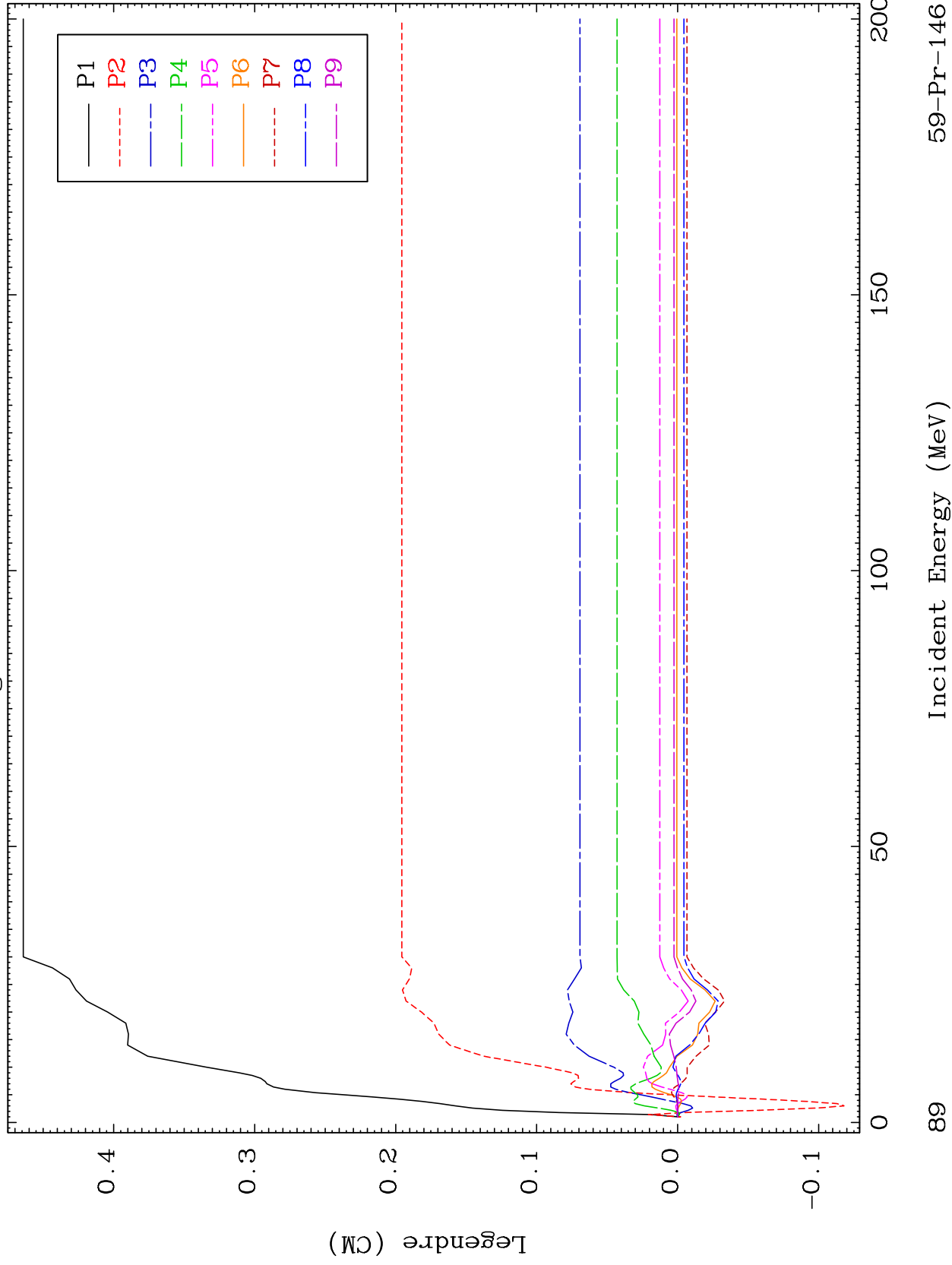
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

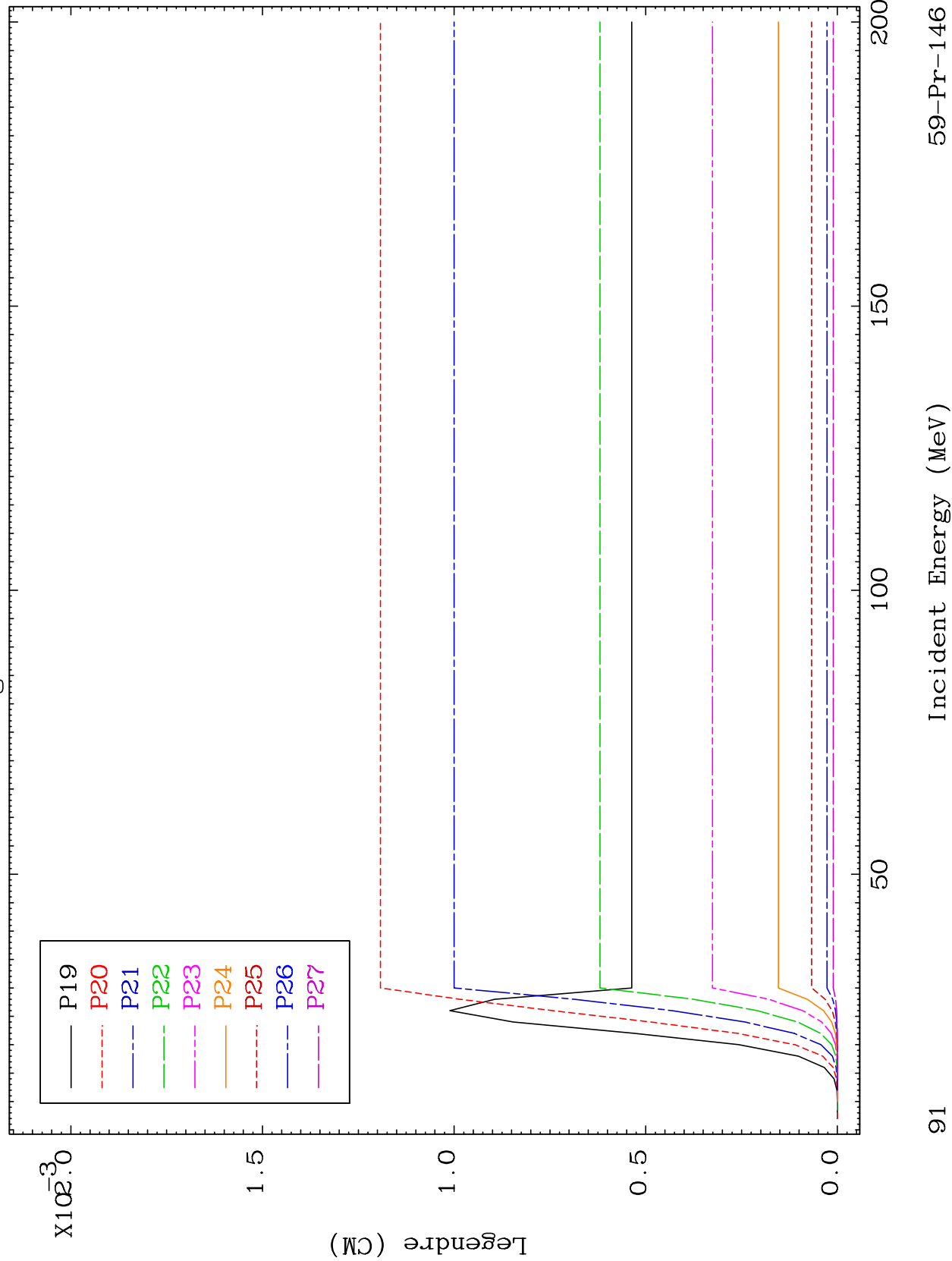
59-Pr-146



59-Pr-146

Incident Energy (MeV)

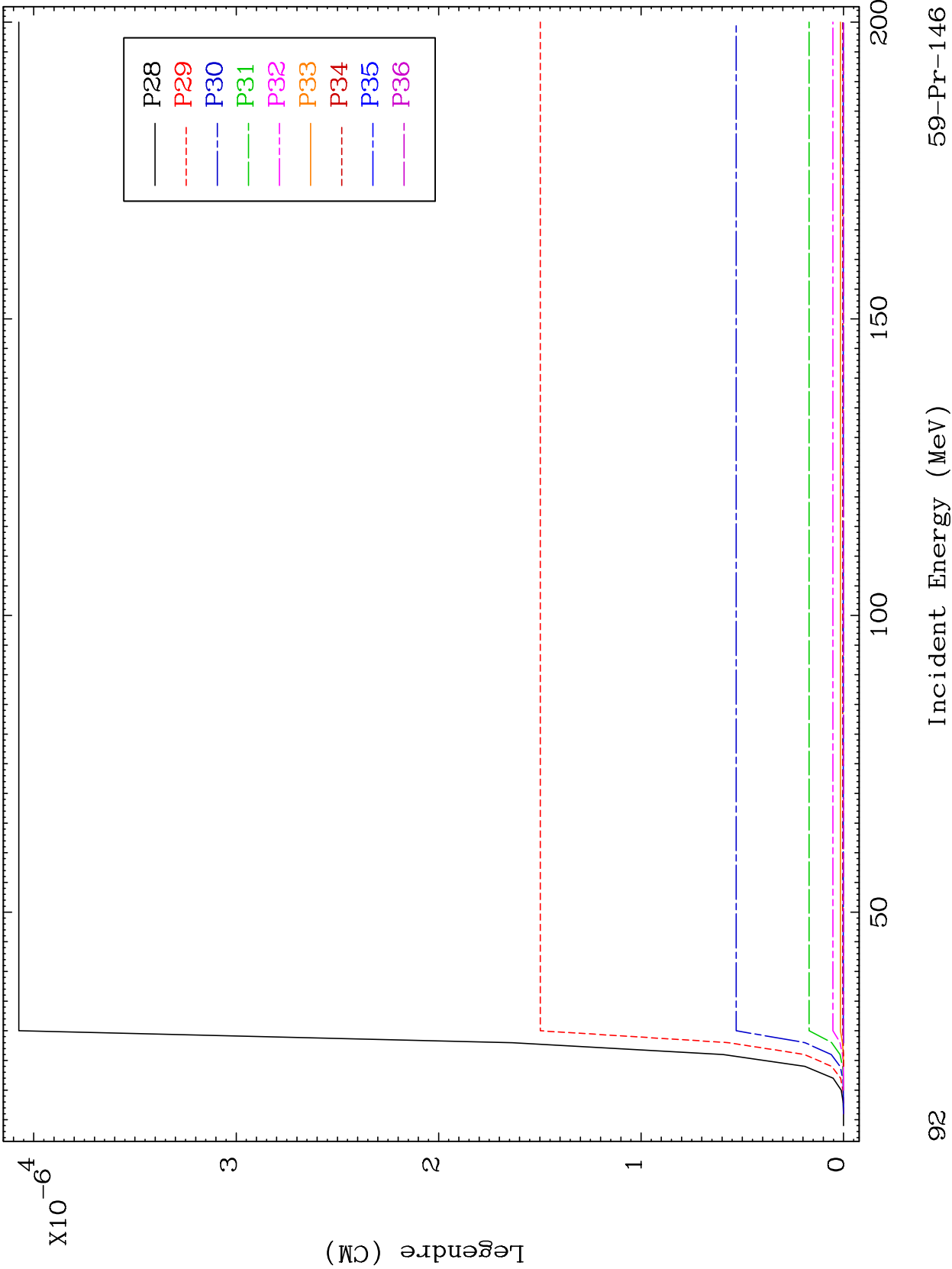
89



MAT 5940

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

59-Pr-146



92

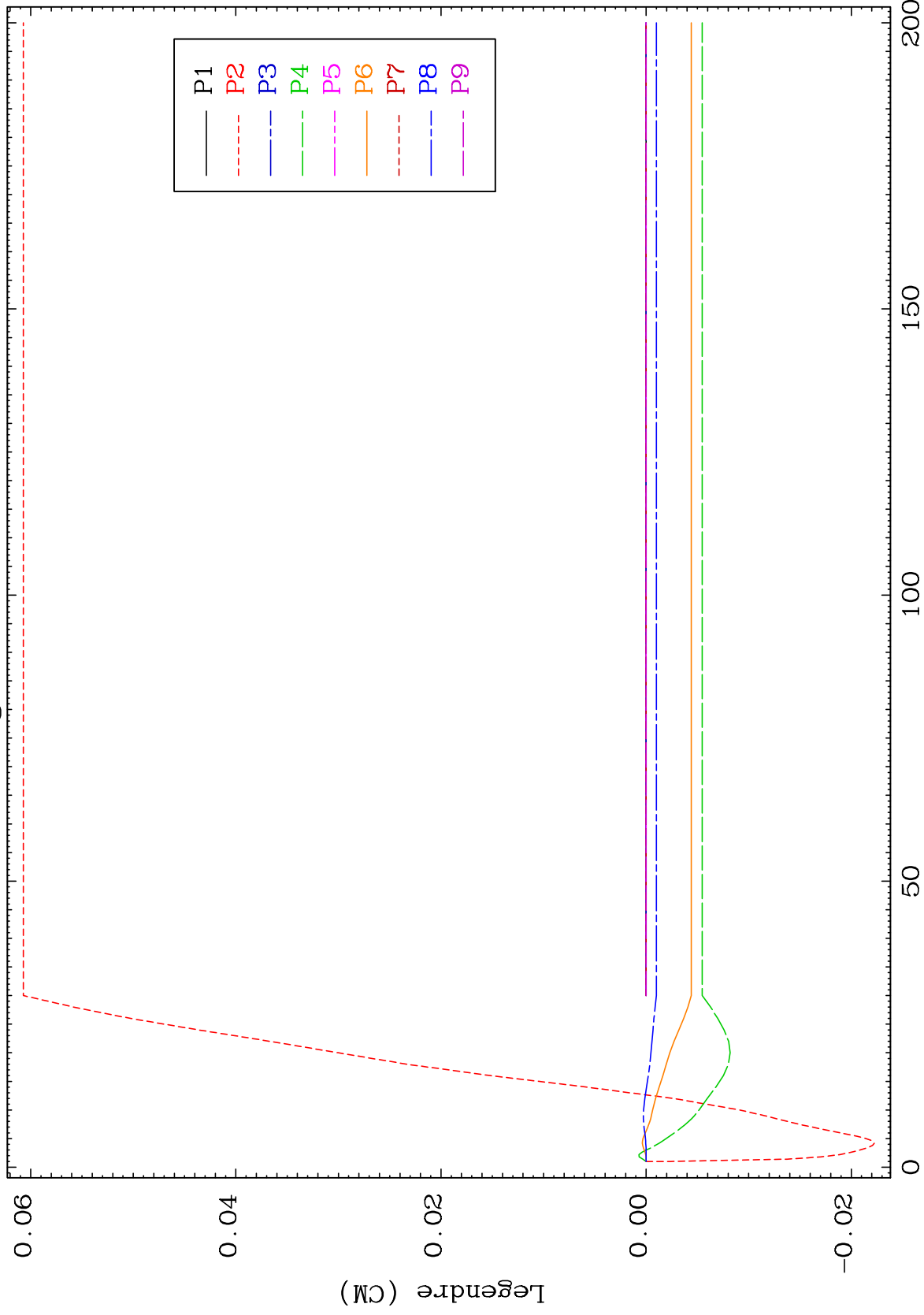
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



93

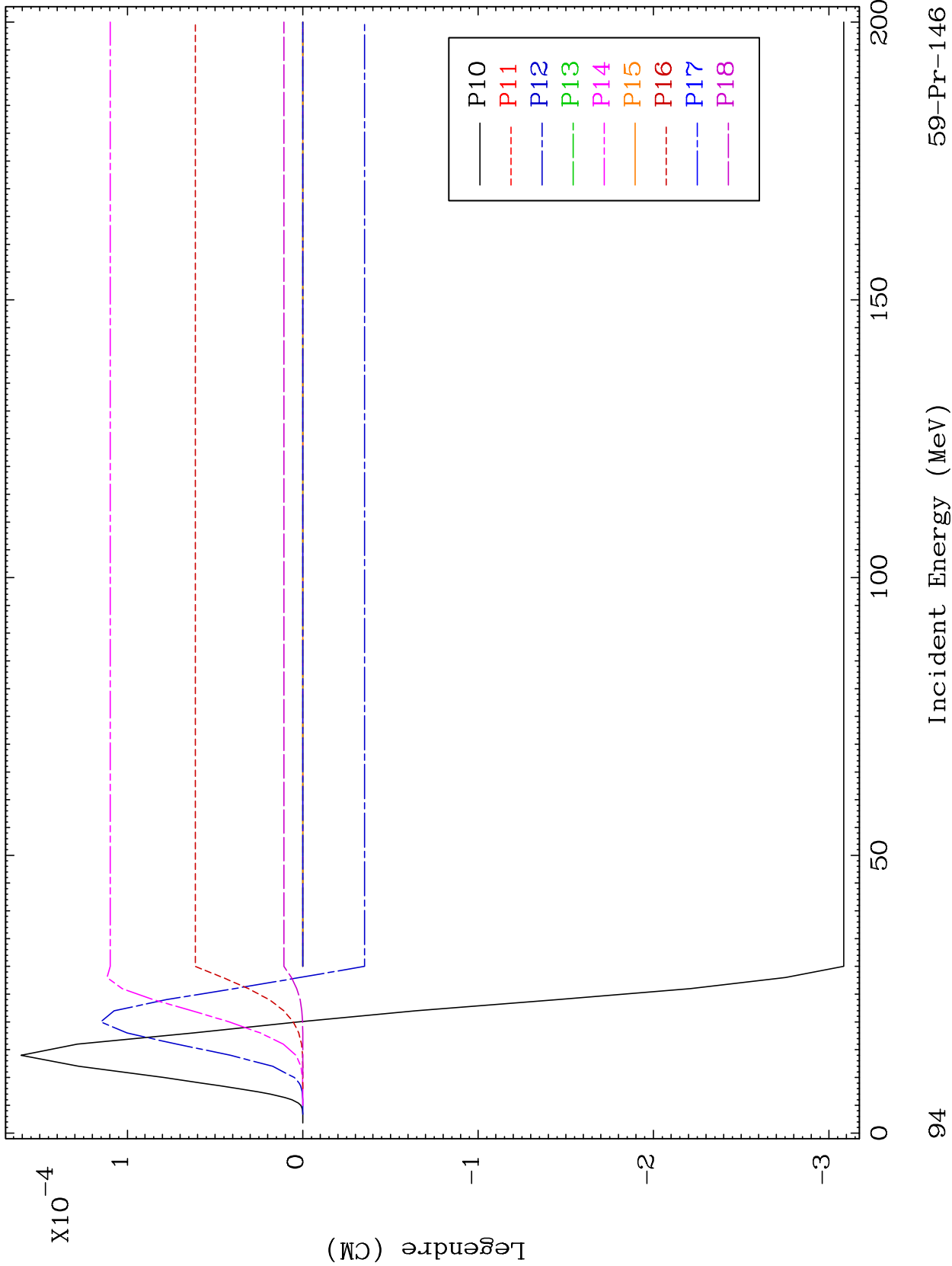
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

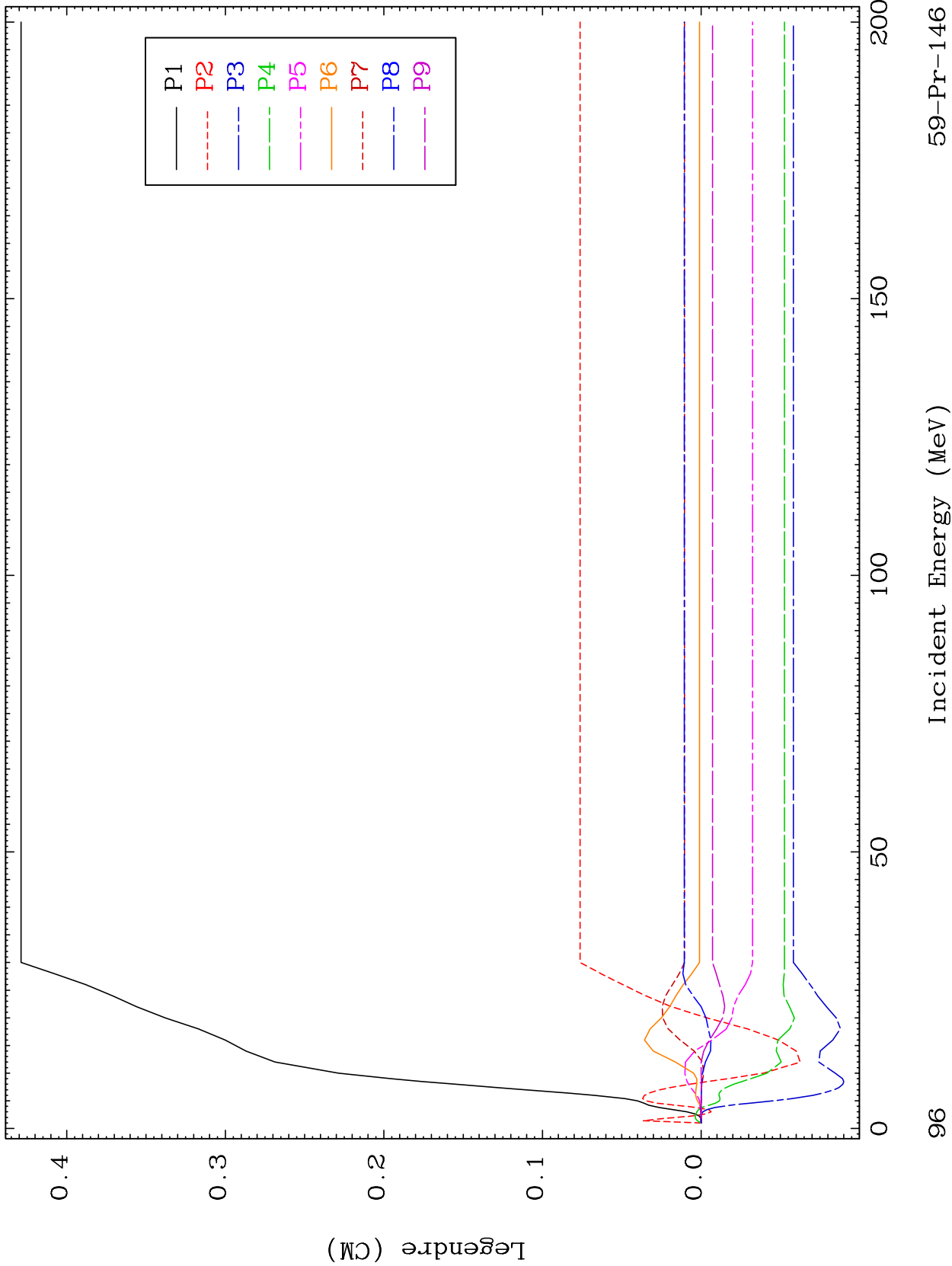
Incident Energy (MeV)

94

MAT 5940

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

59-Pr-146



59-Pr-146

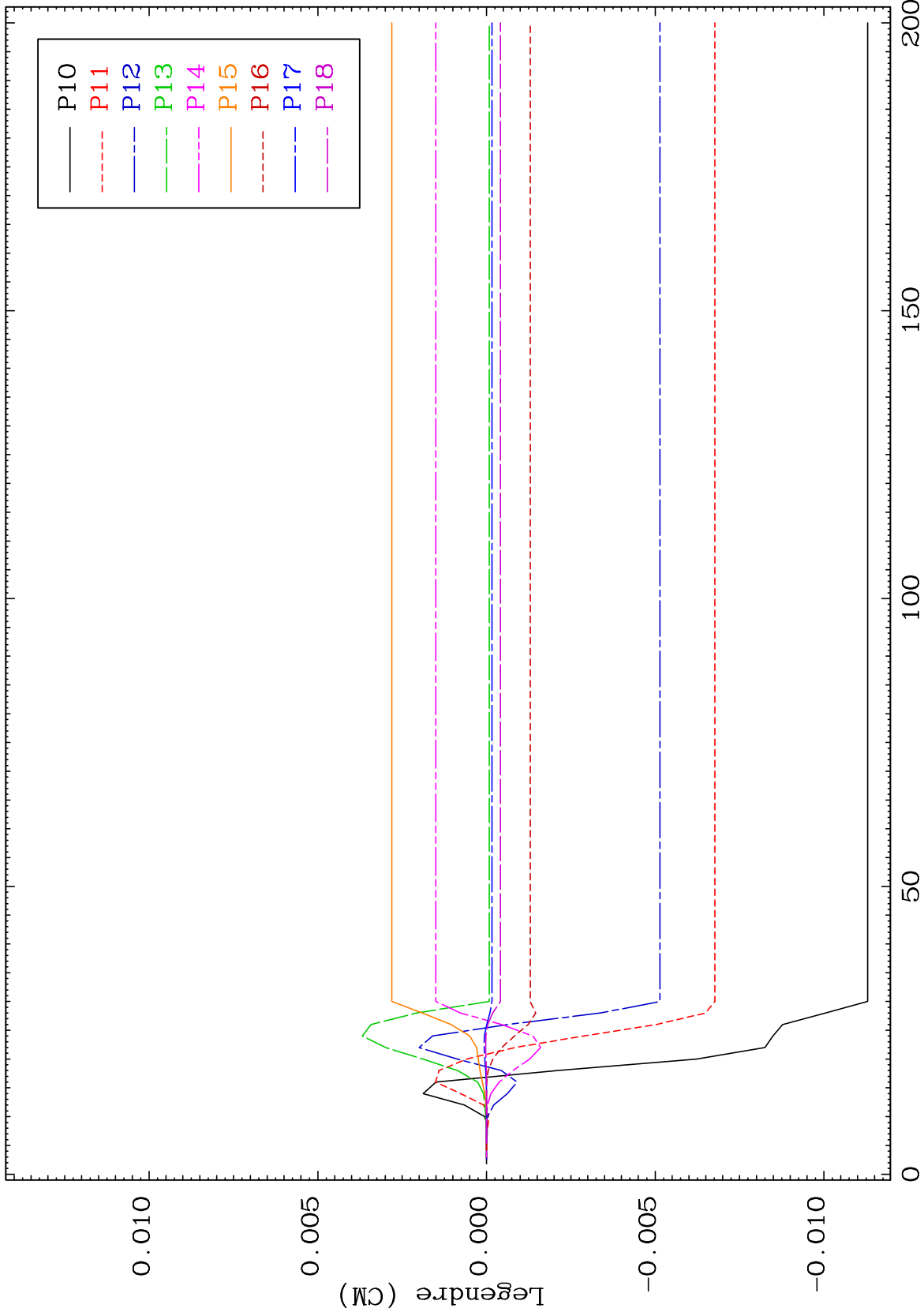
Incident Energy (MeV)

96

MAT 5940

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

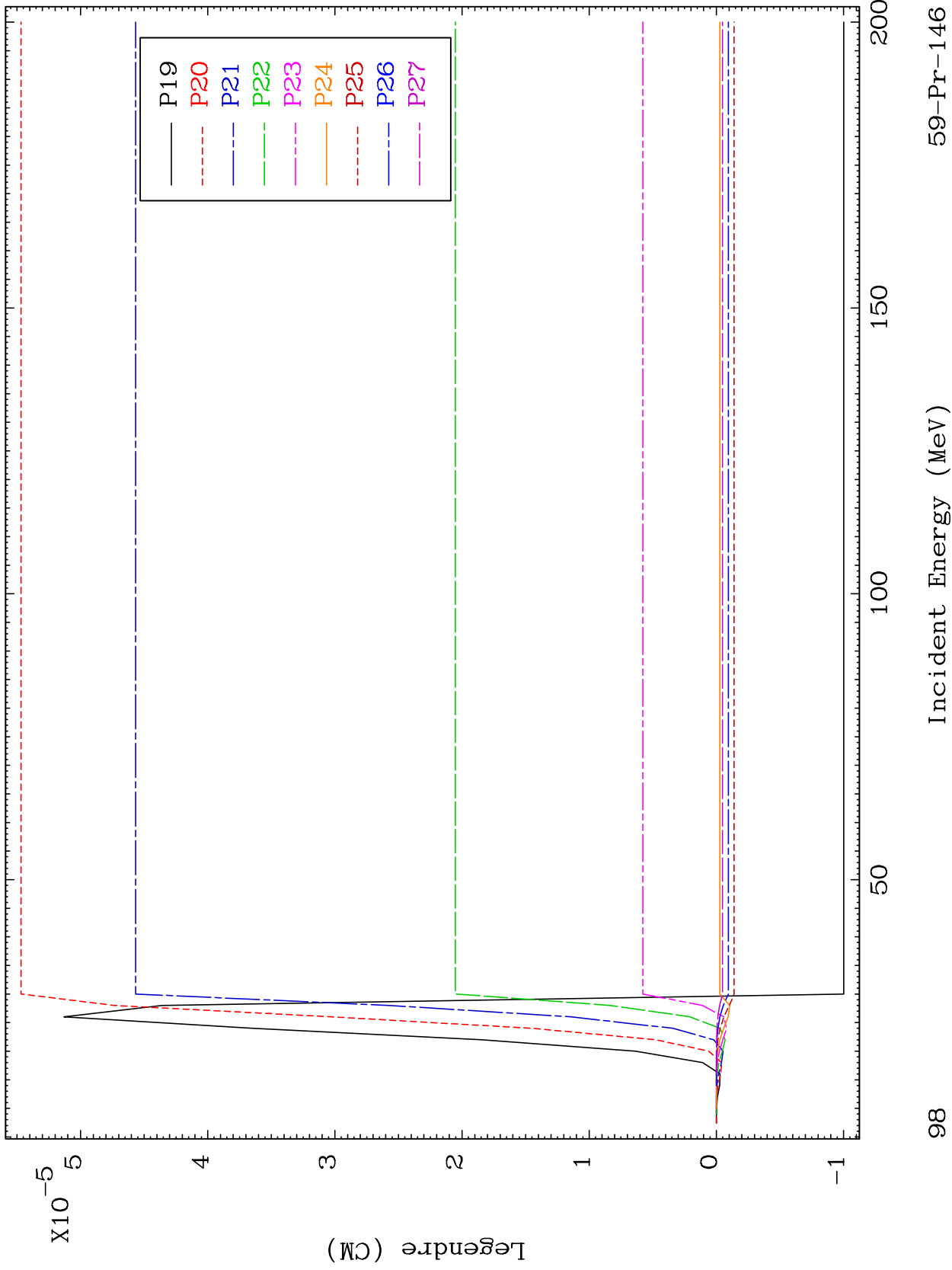
59-Pr-146



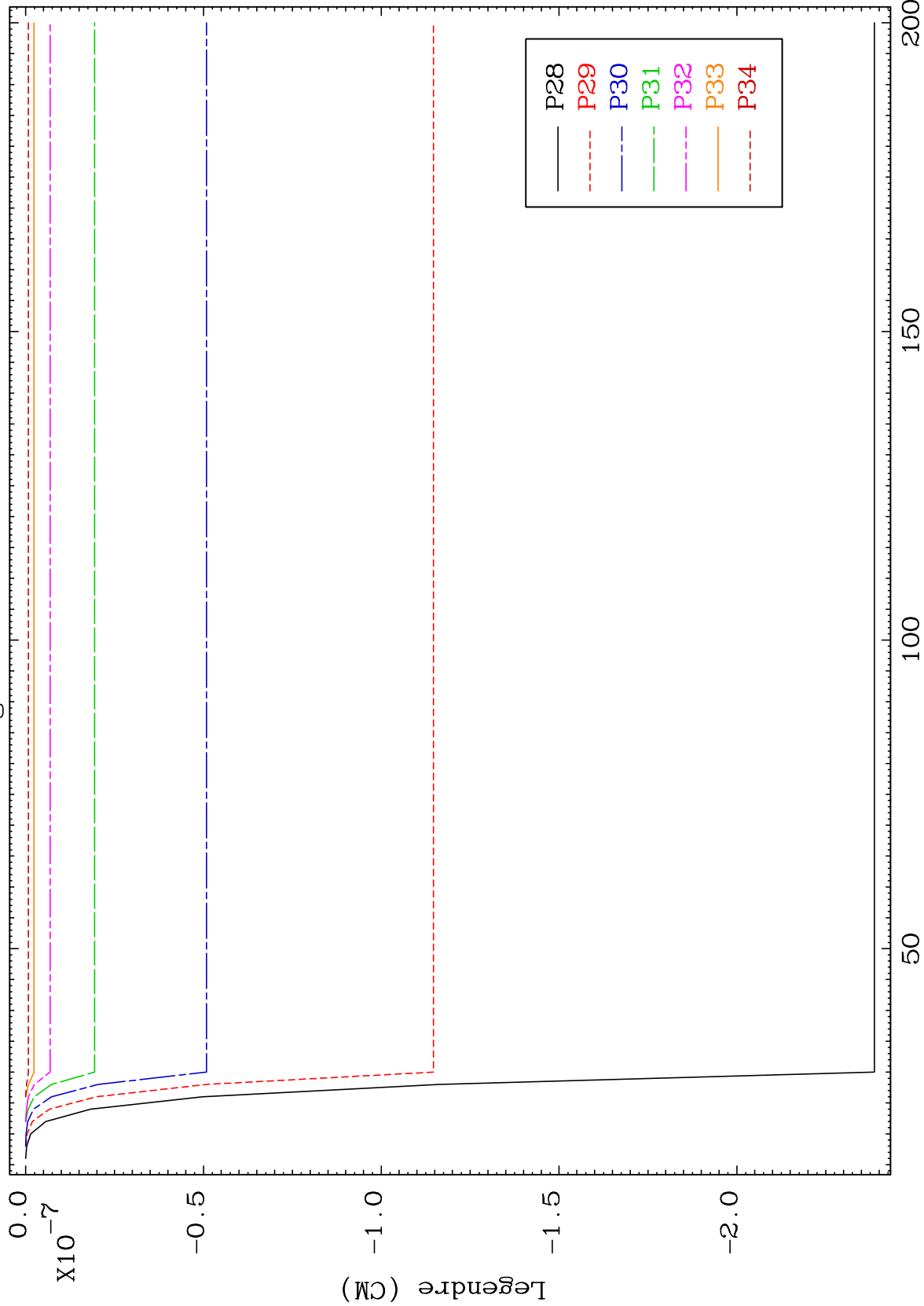
97

Incident Energy (MeV)

59-Pr-146



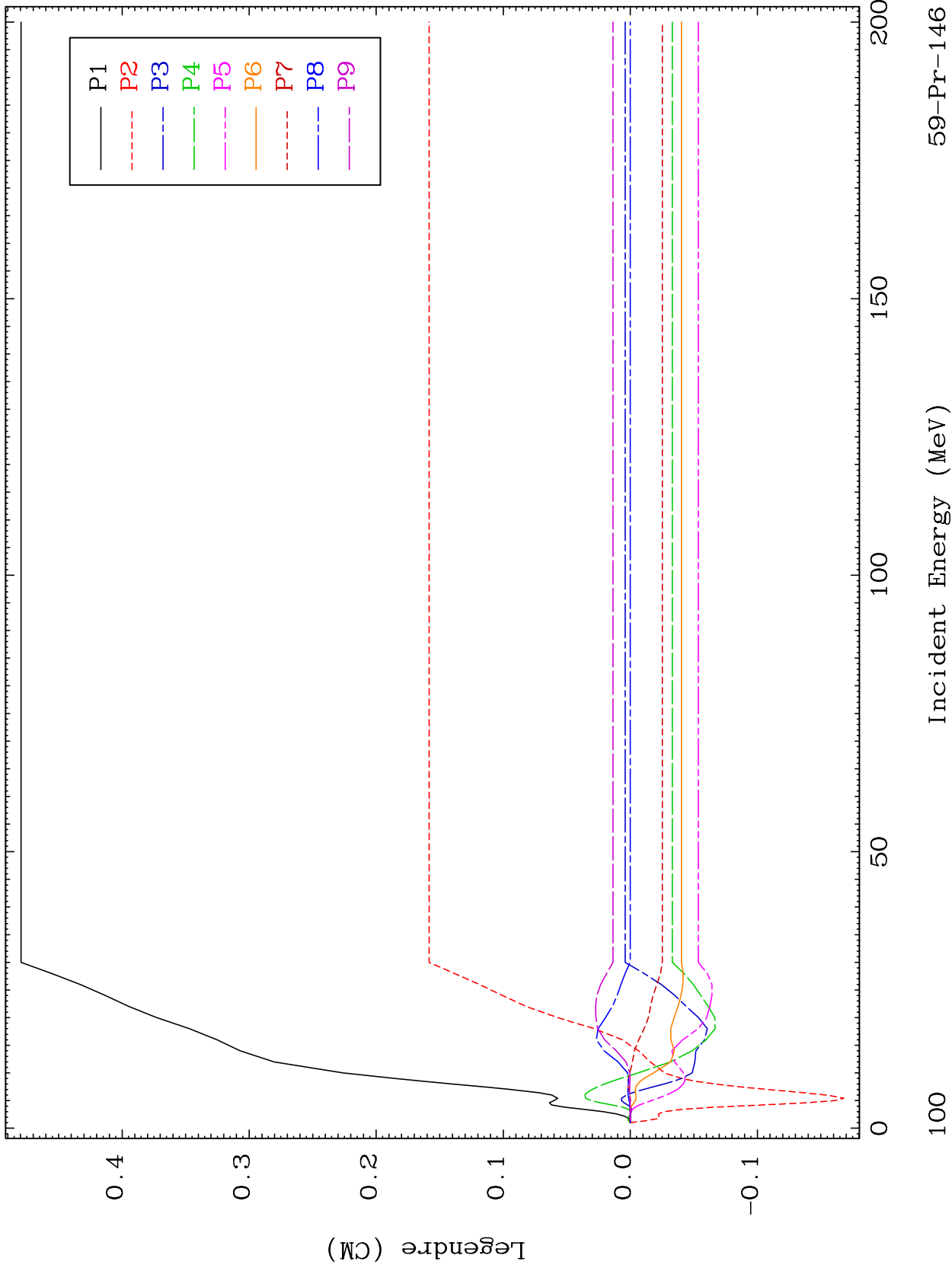
Legendre Coefficients



MAT 5940

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

59-Pr-146

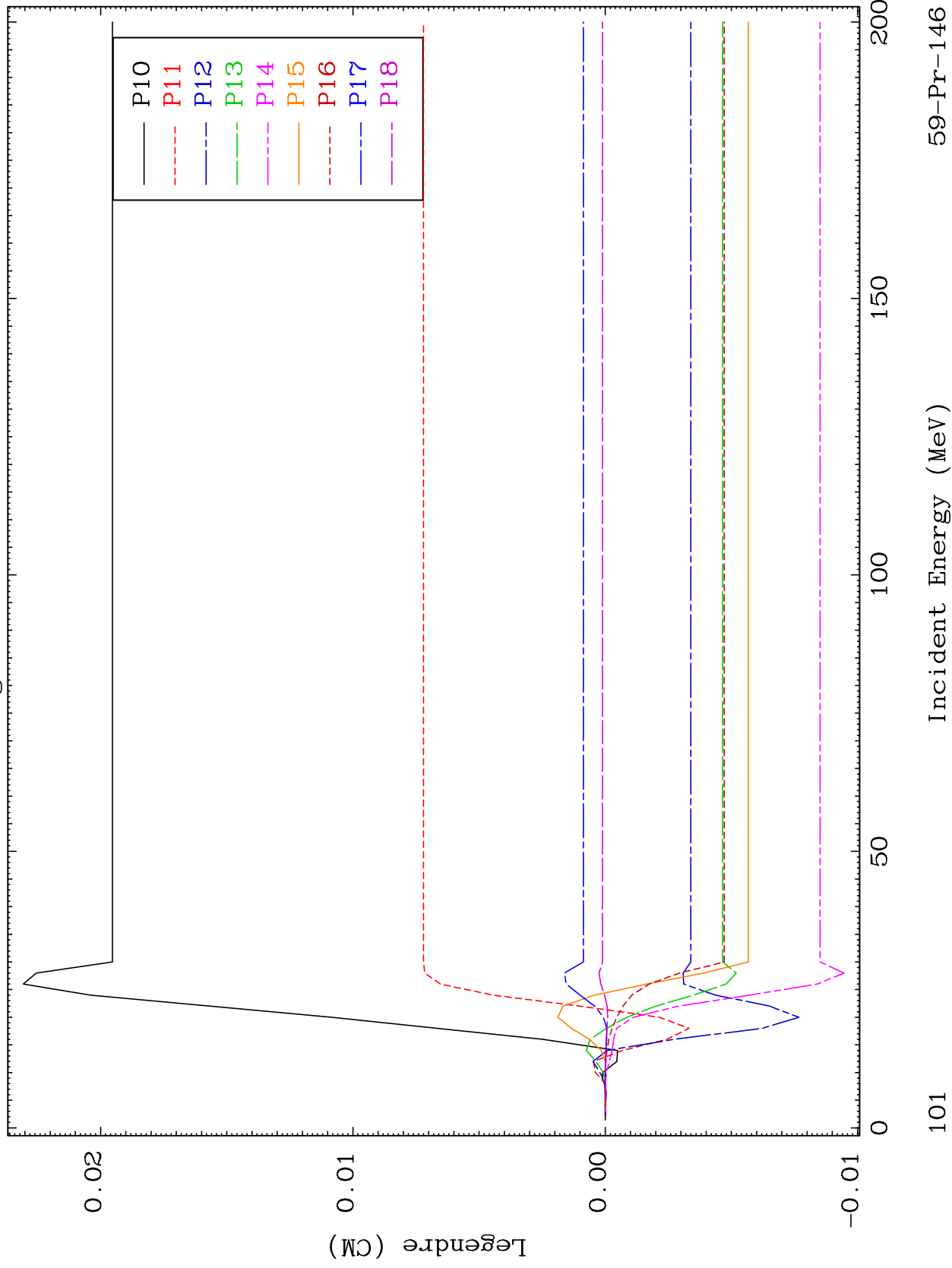


59-Pr-146

MAT 5940

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

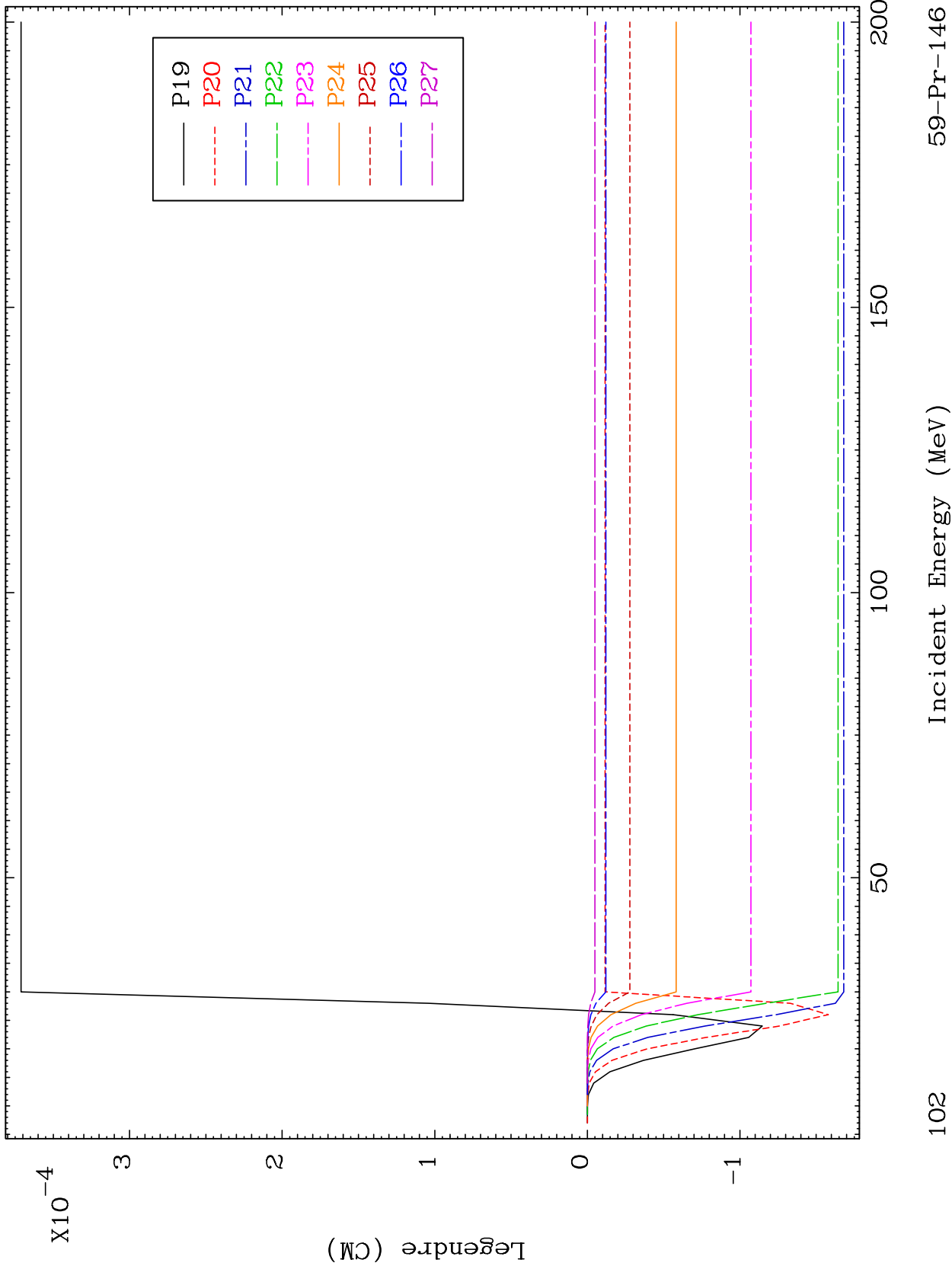
59-Pr-146

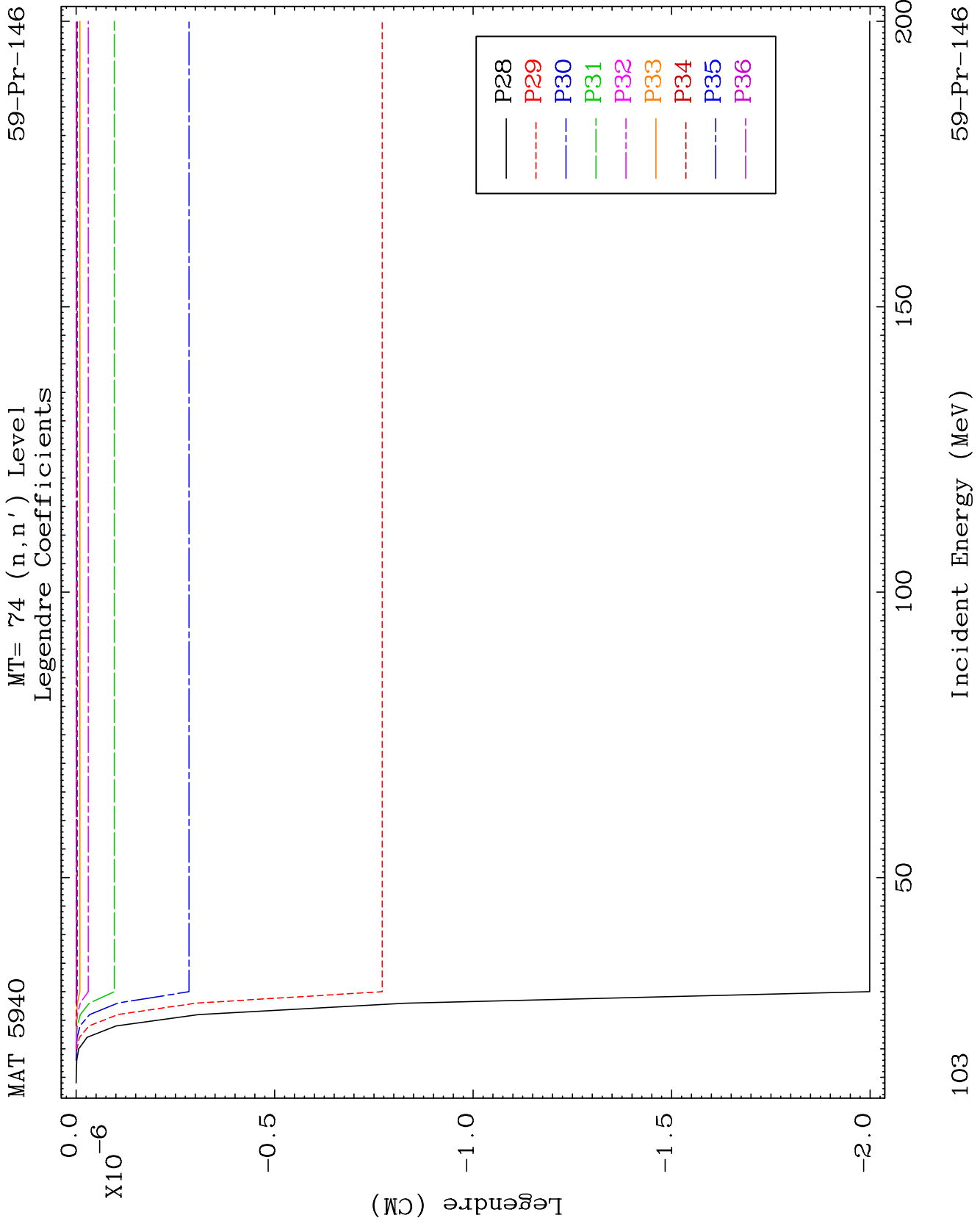


59-Pr-146

Incident Energy (MeV)

101

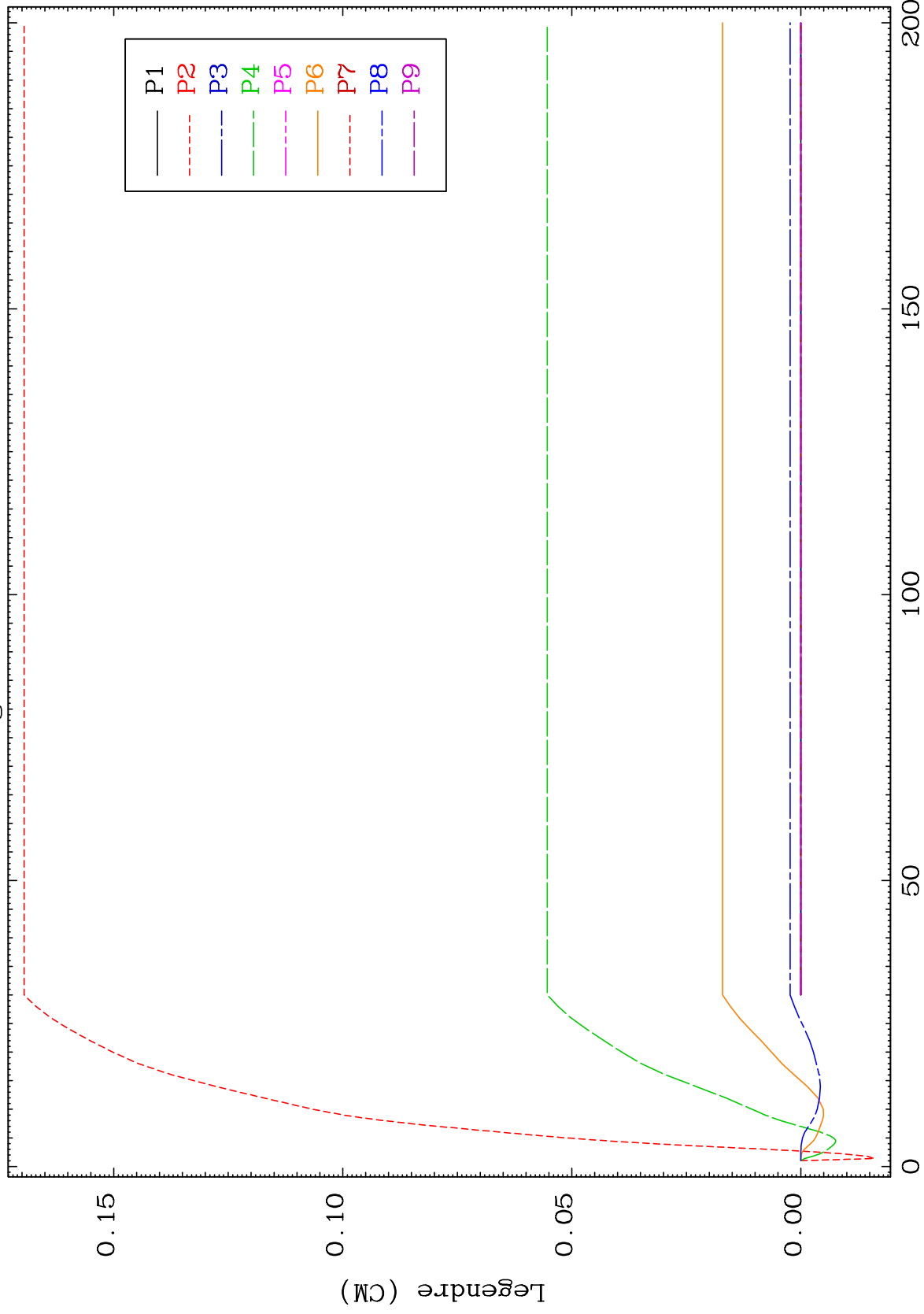




MAT 5940

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

59-Pr-146



104

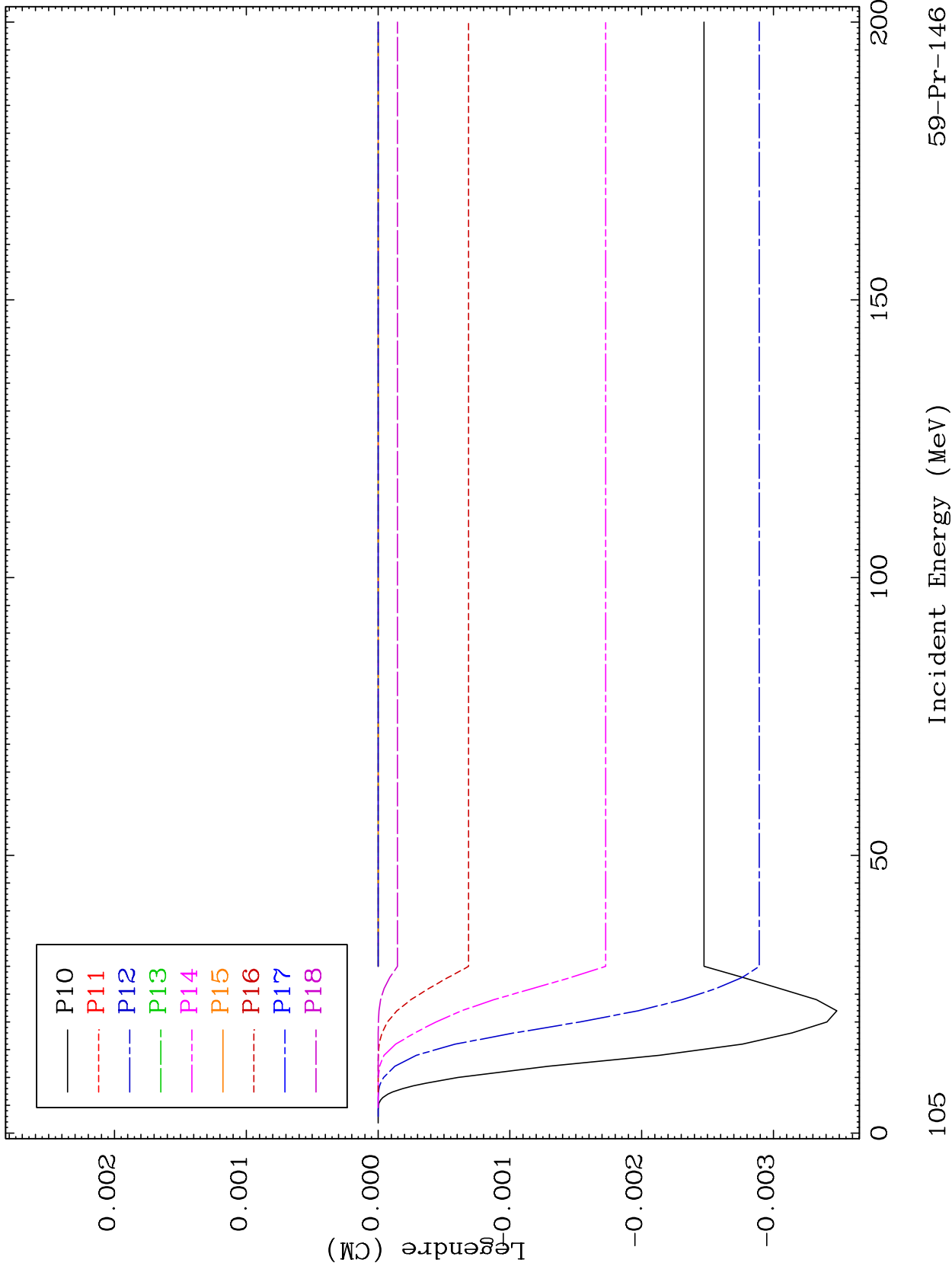
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

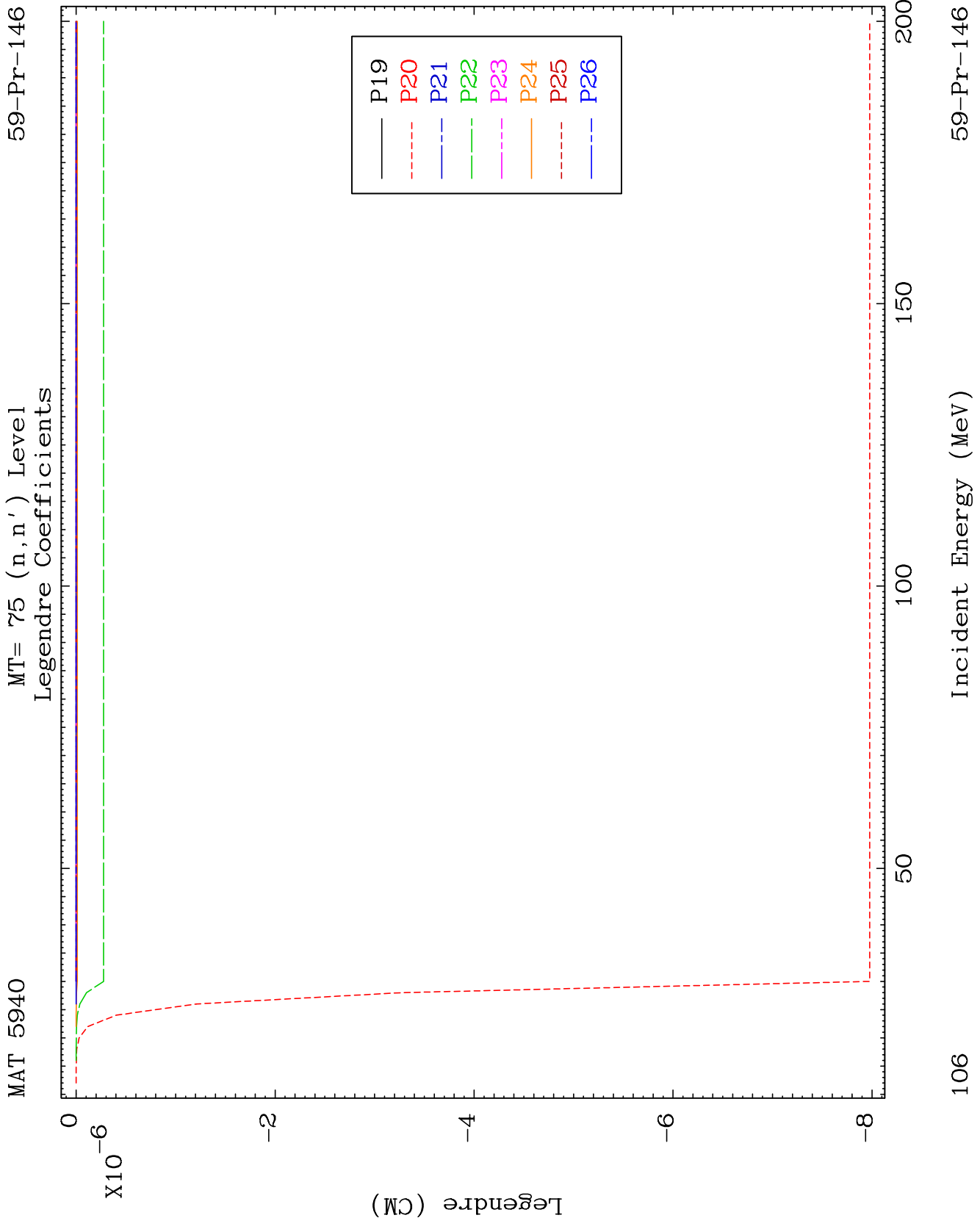
59-Pr-146



59-Pr-146

Incident Energy (MeV)

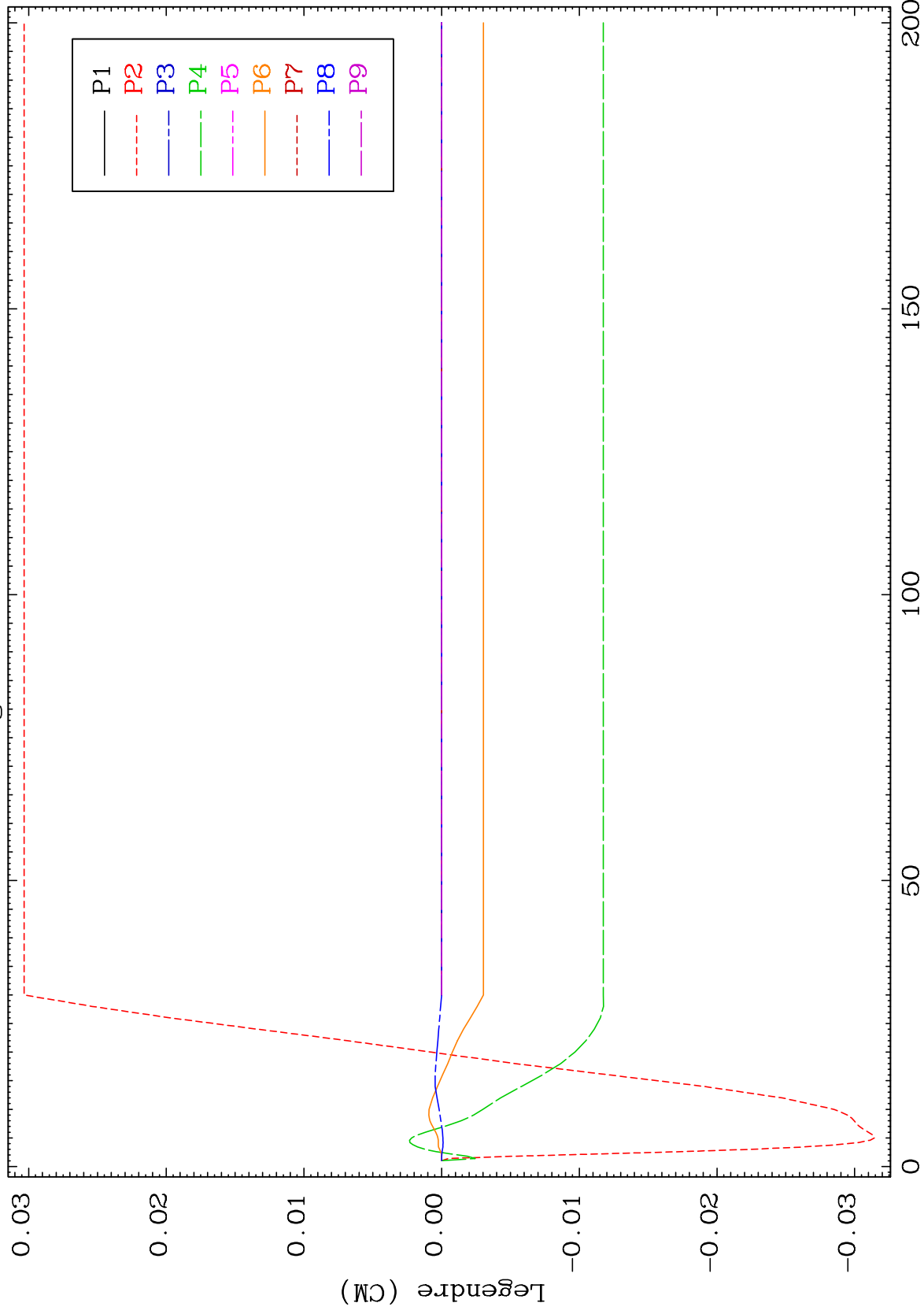
105



MAT 5940

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

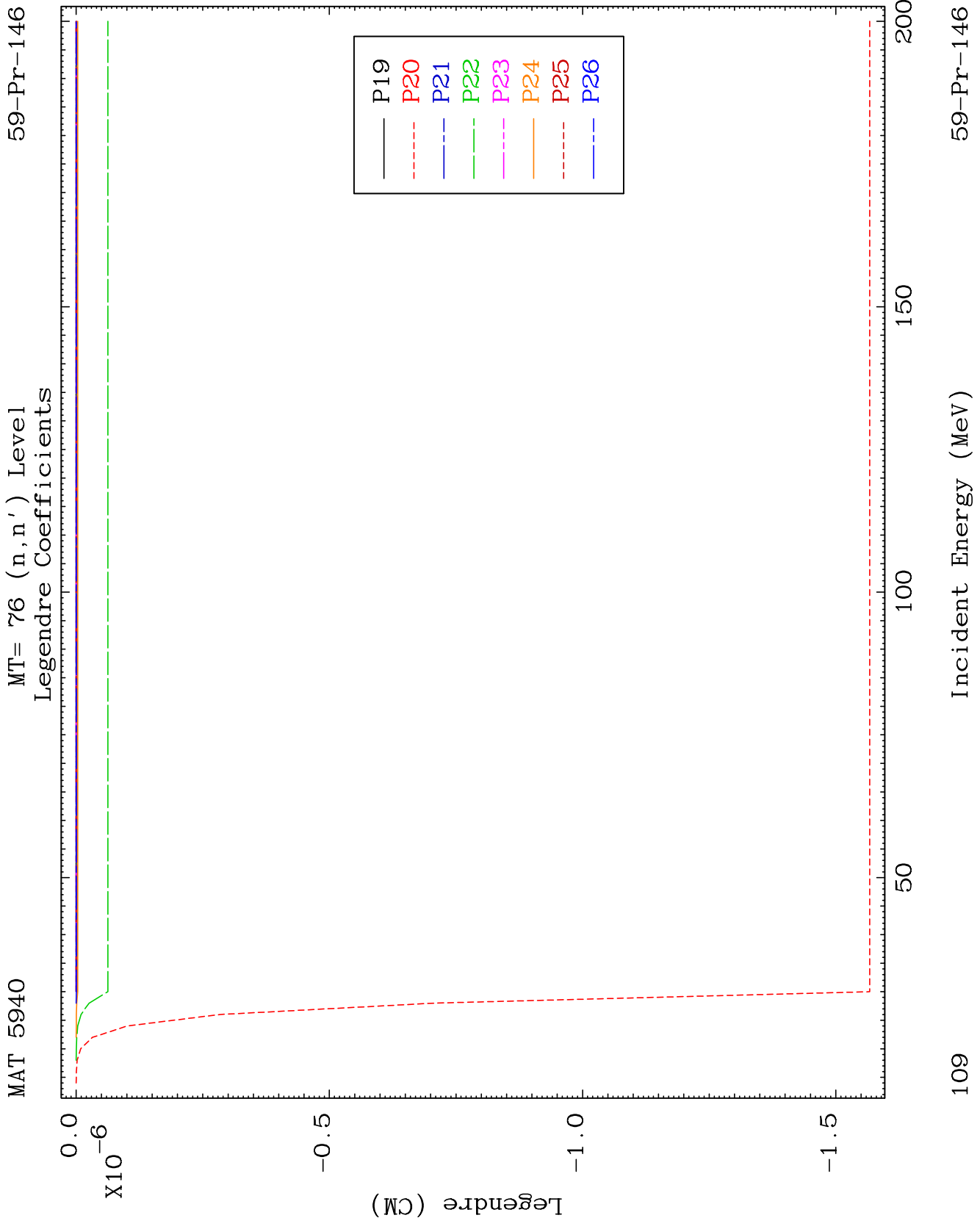
59-Pr-146



59-Pr-146

Incident Energy (MeV)

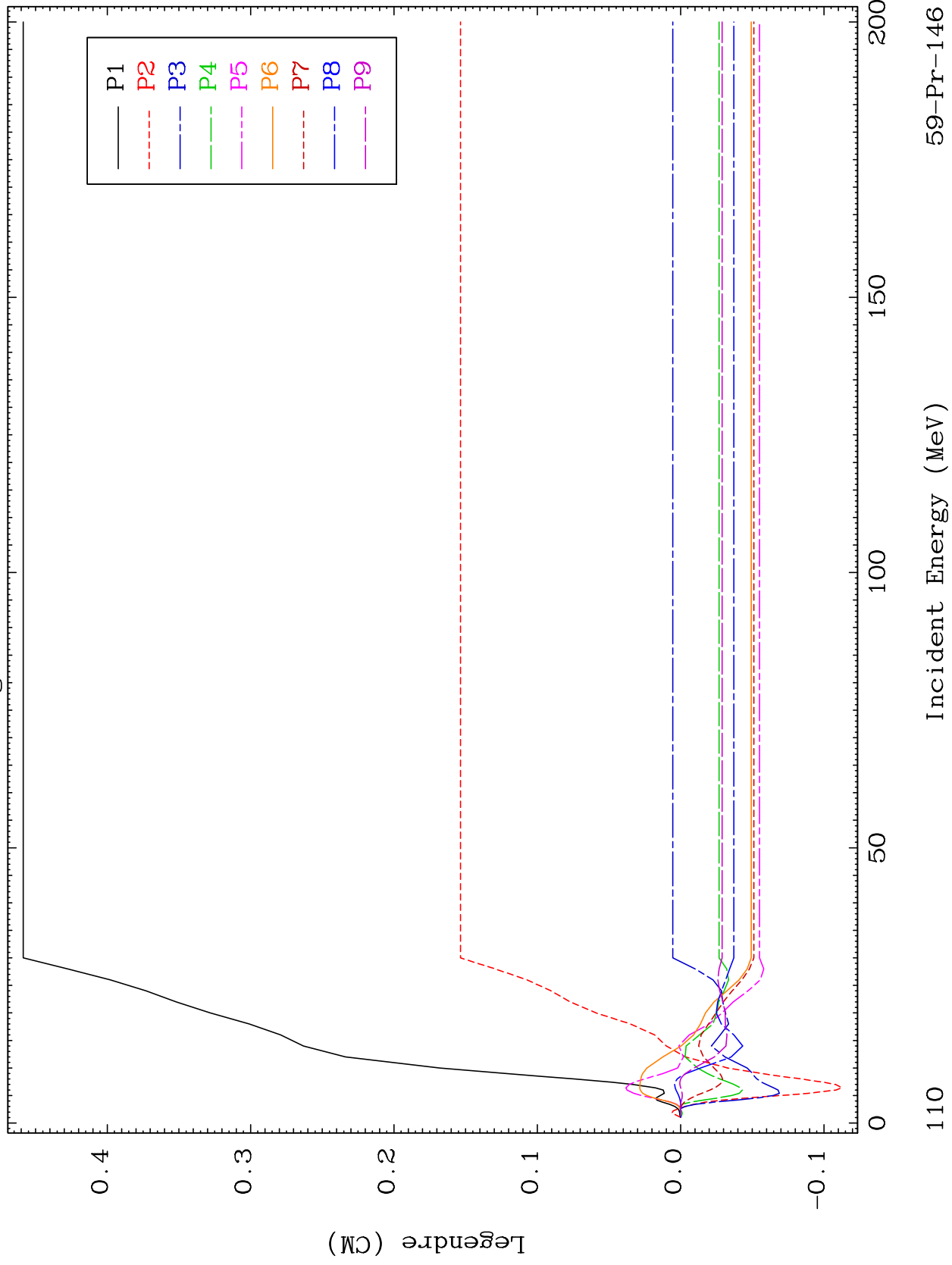
107



MAT 5940

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

59-Pr-146



59-Pr-146

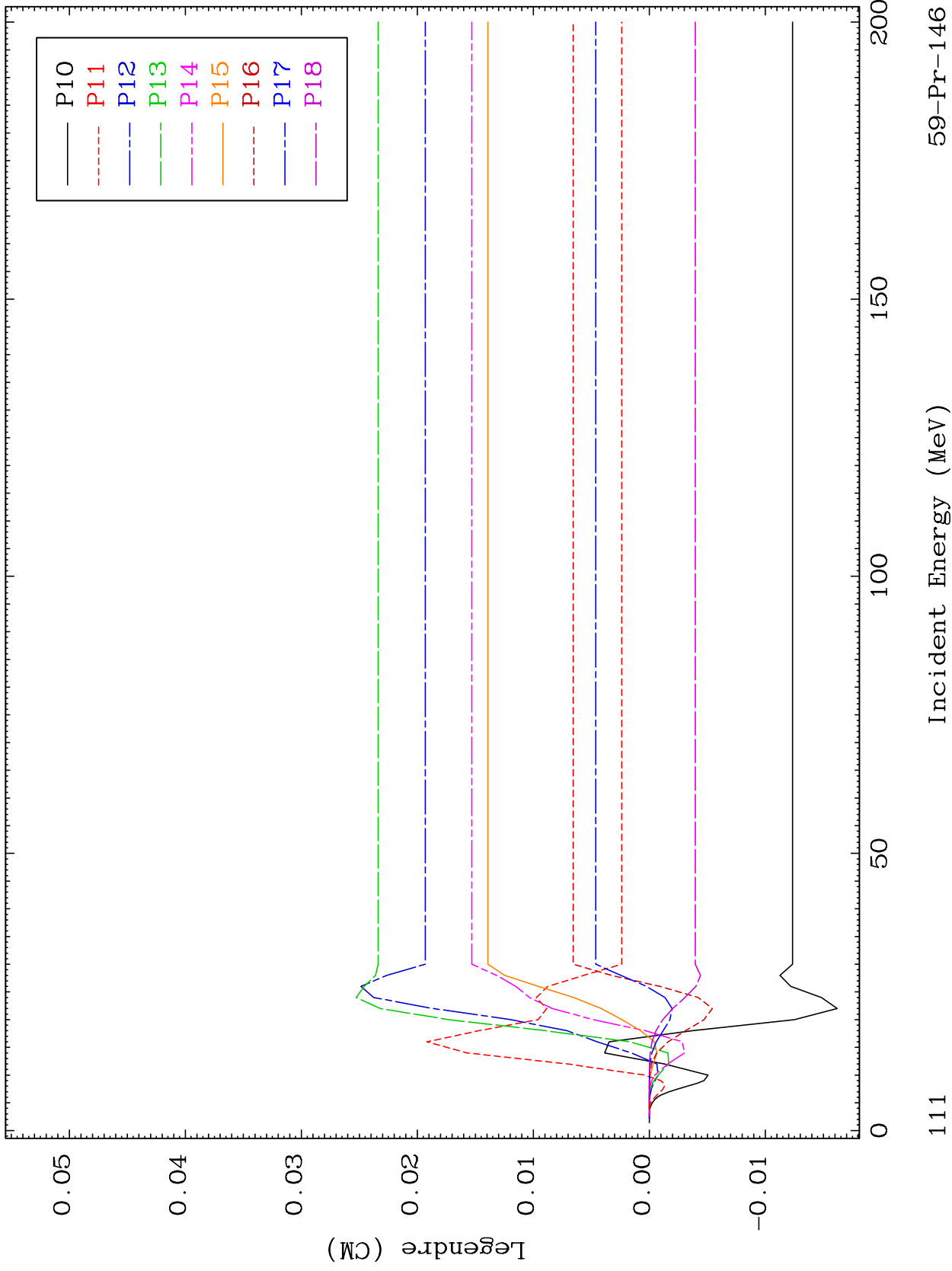
Incident Energy (MeV)

Legendre (CM)

MAT 5940

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

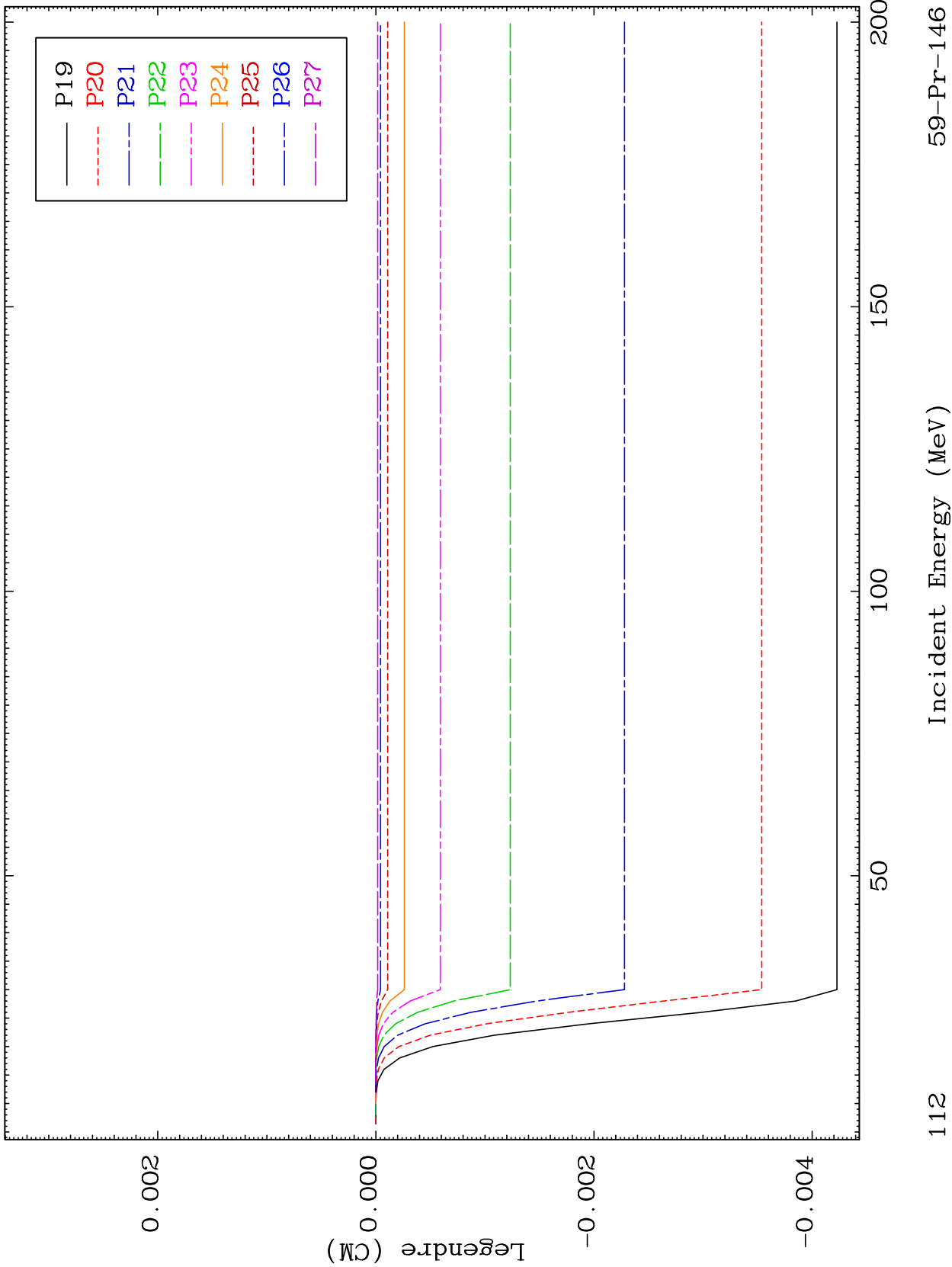
59-Pr-146



111

Incident Energy (MeV)

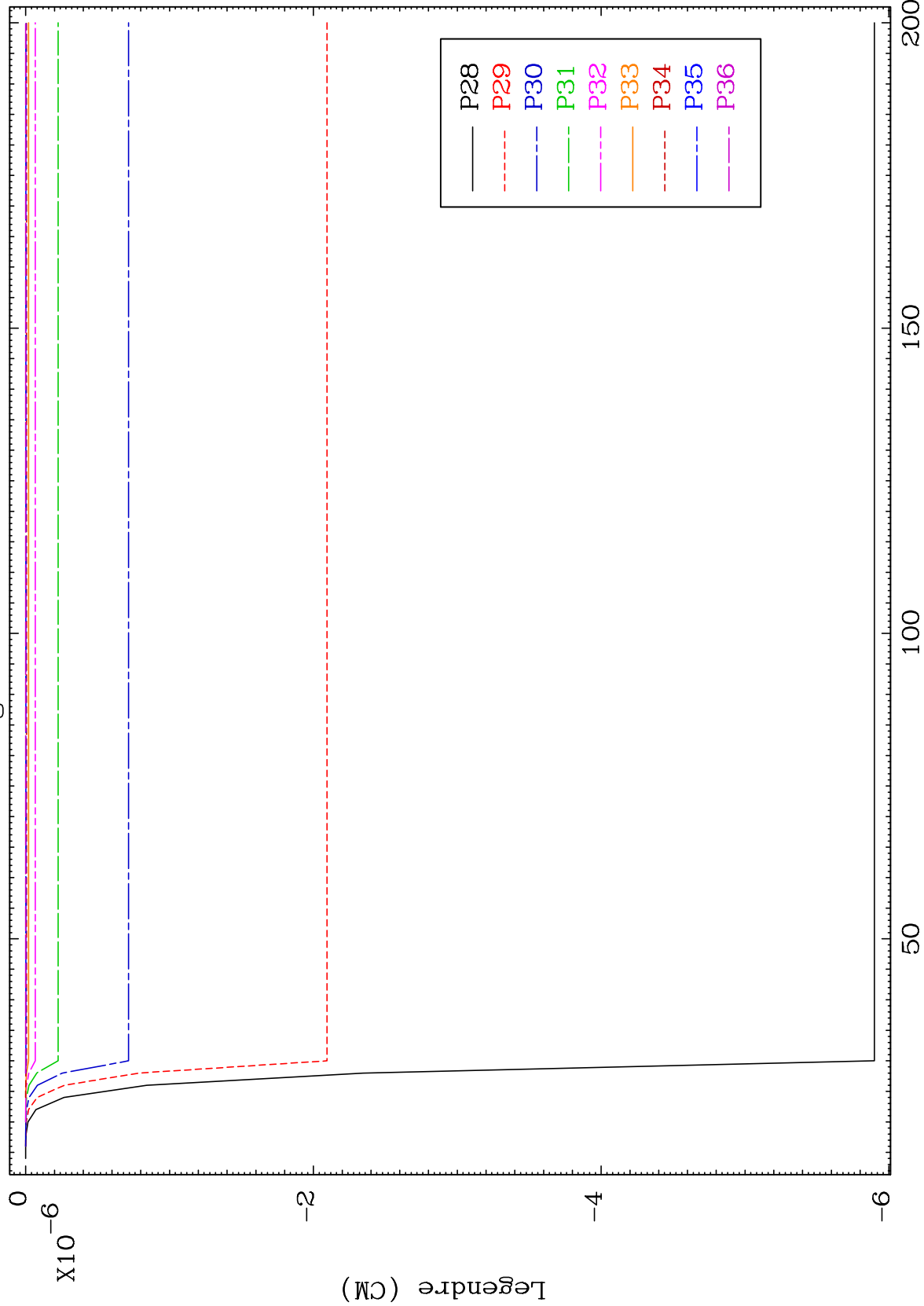
59-Pr-146



MAT 5940

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

59-Pr-146



113

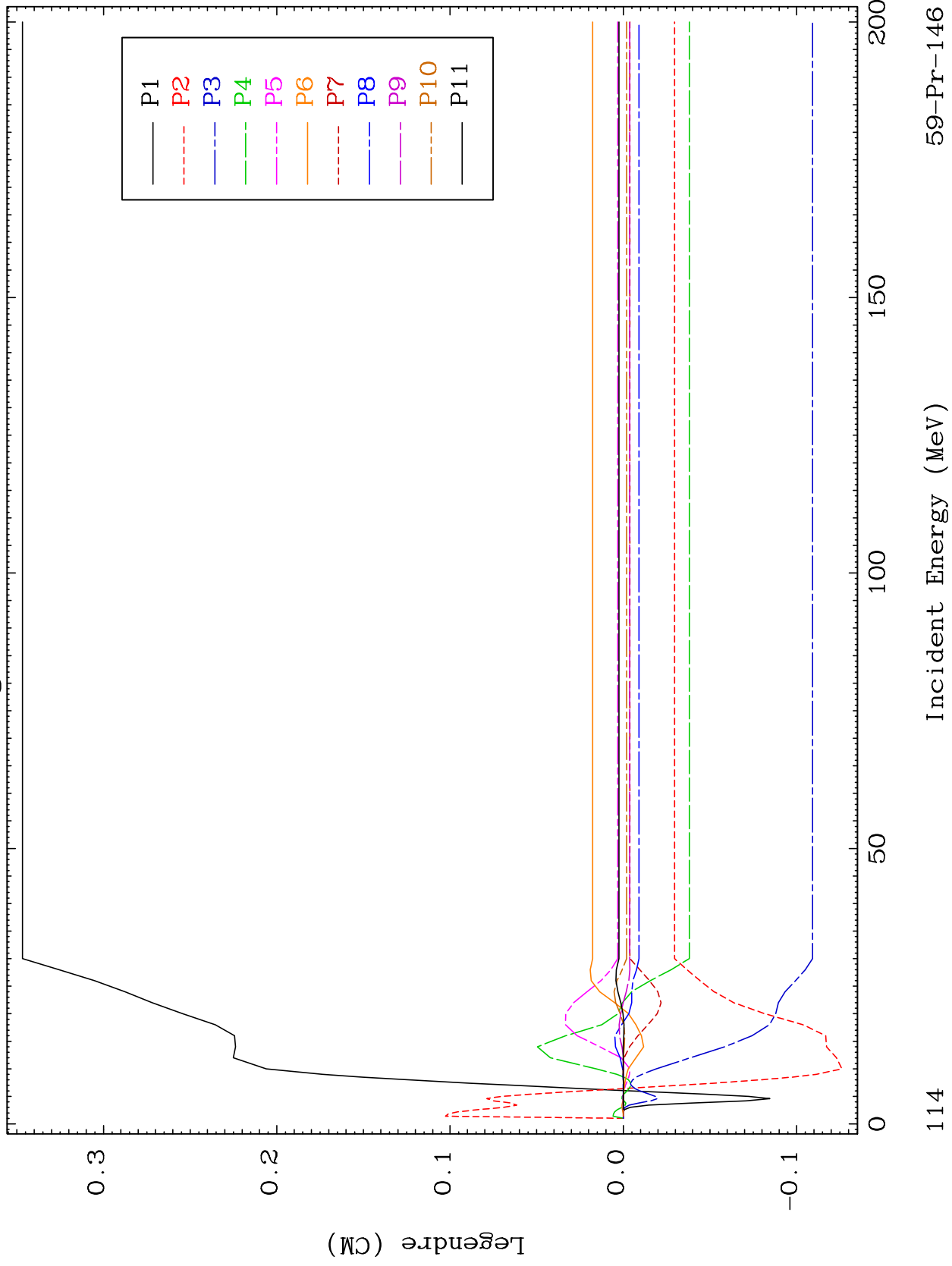
Incident Energy (MeV)

59-Pr-146

MAT 5940

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

59-Pr-146



59-Pr-146

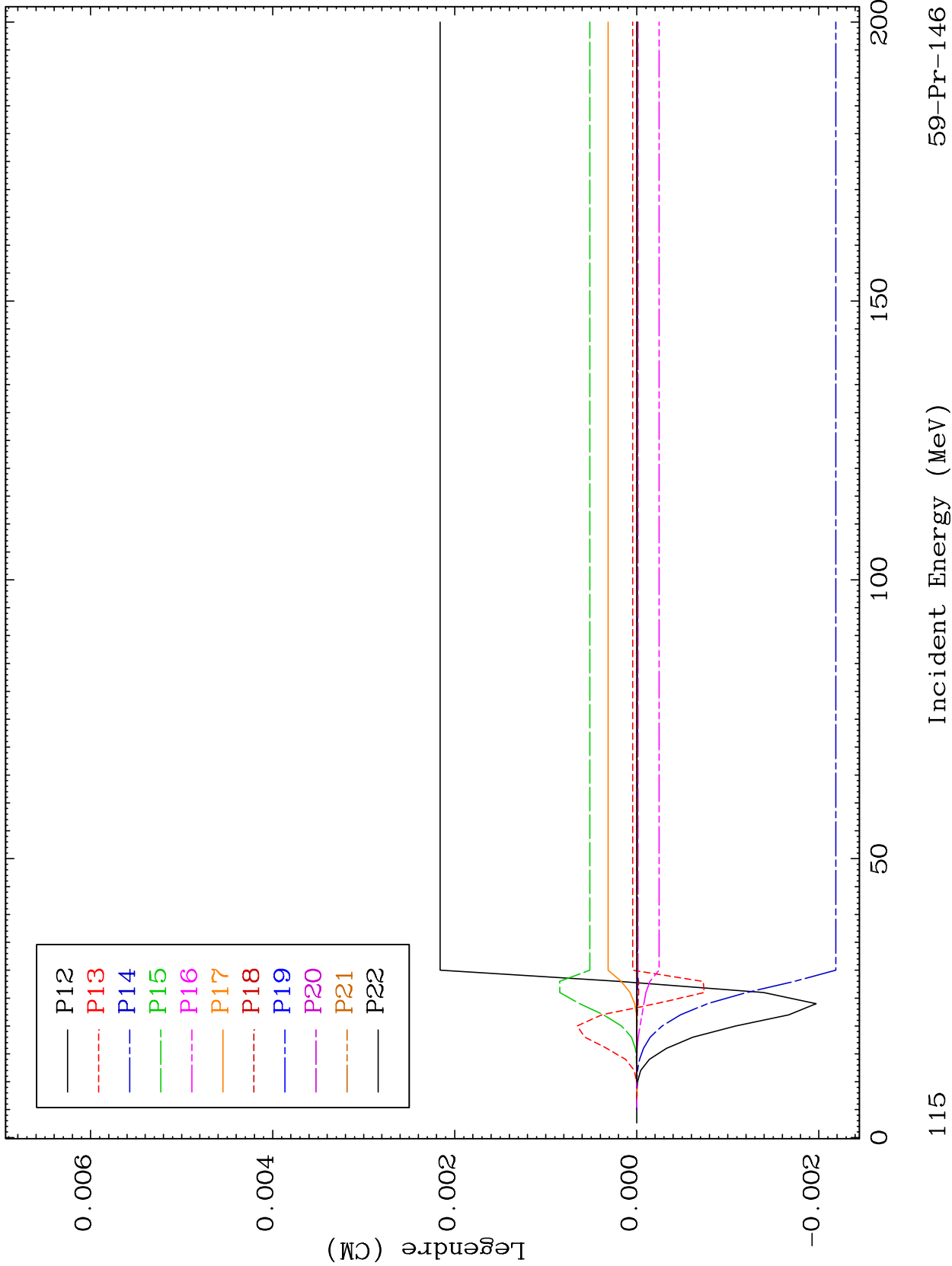
Incident Energy (MeV)

114

MAT 5940

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

59-Pr-146



59-Pr-146

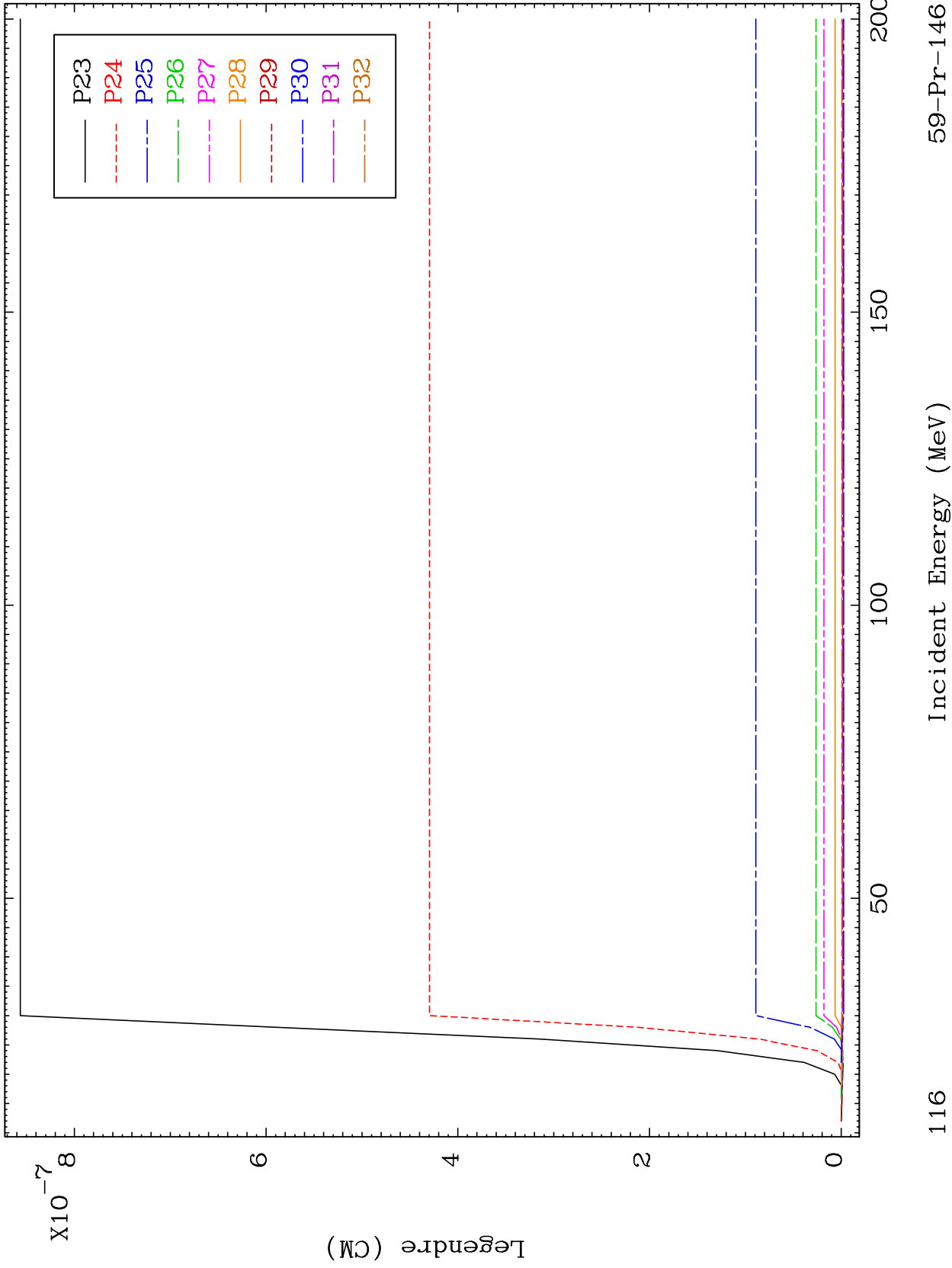
Incident Energy (MeV)

115

MAT 5940

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

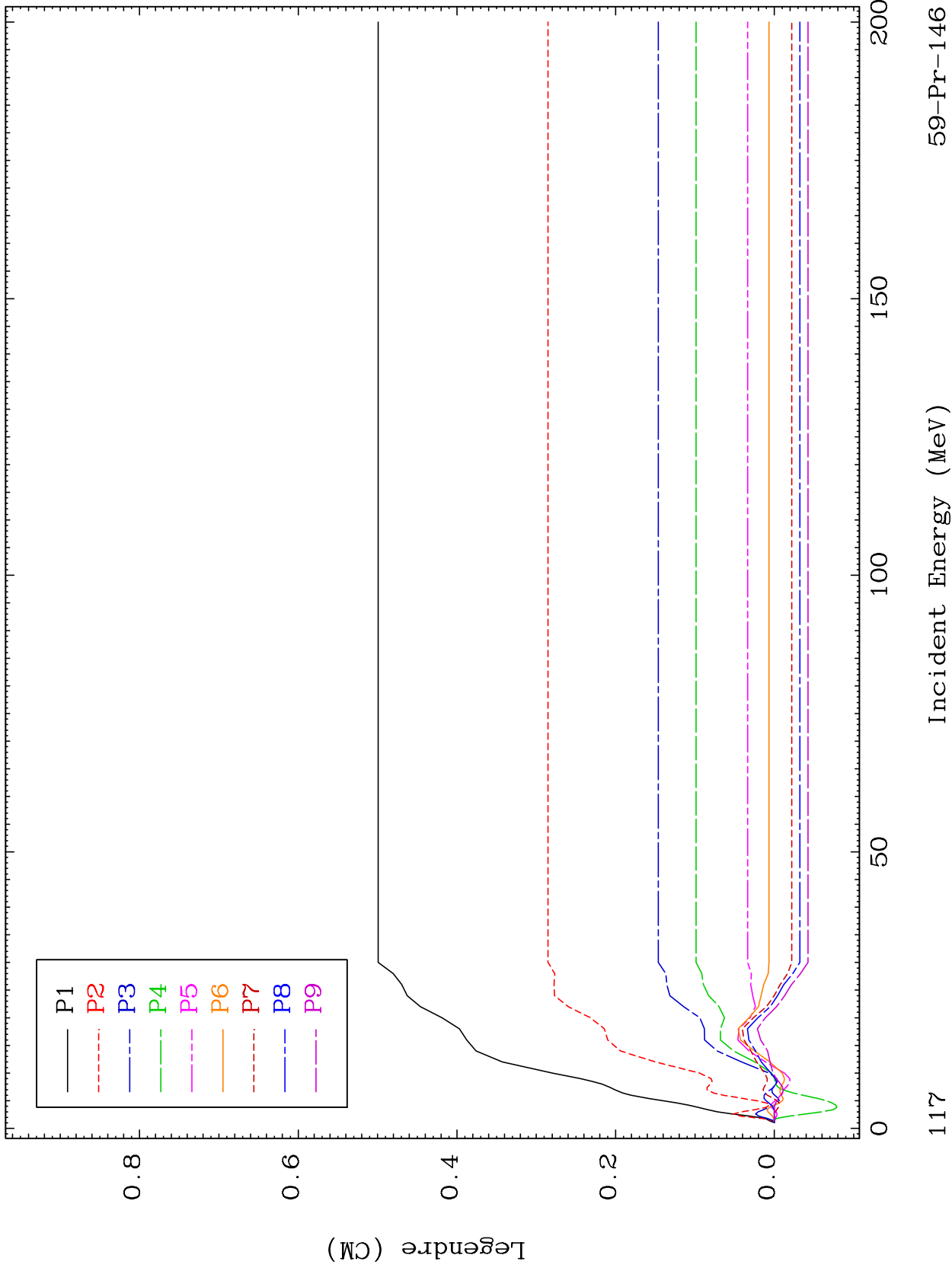
59-Pr-146



MAT 5940

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

59-Pr-146



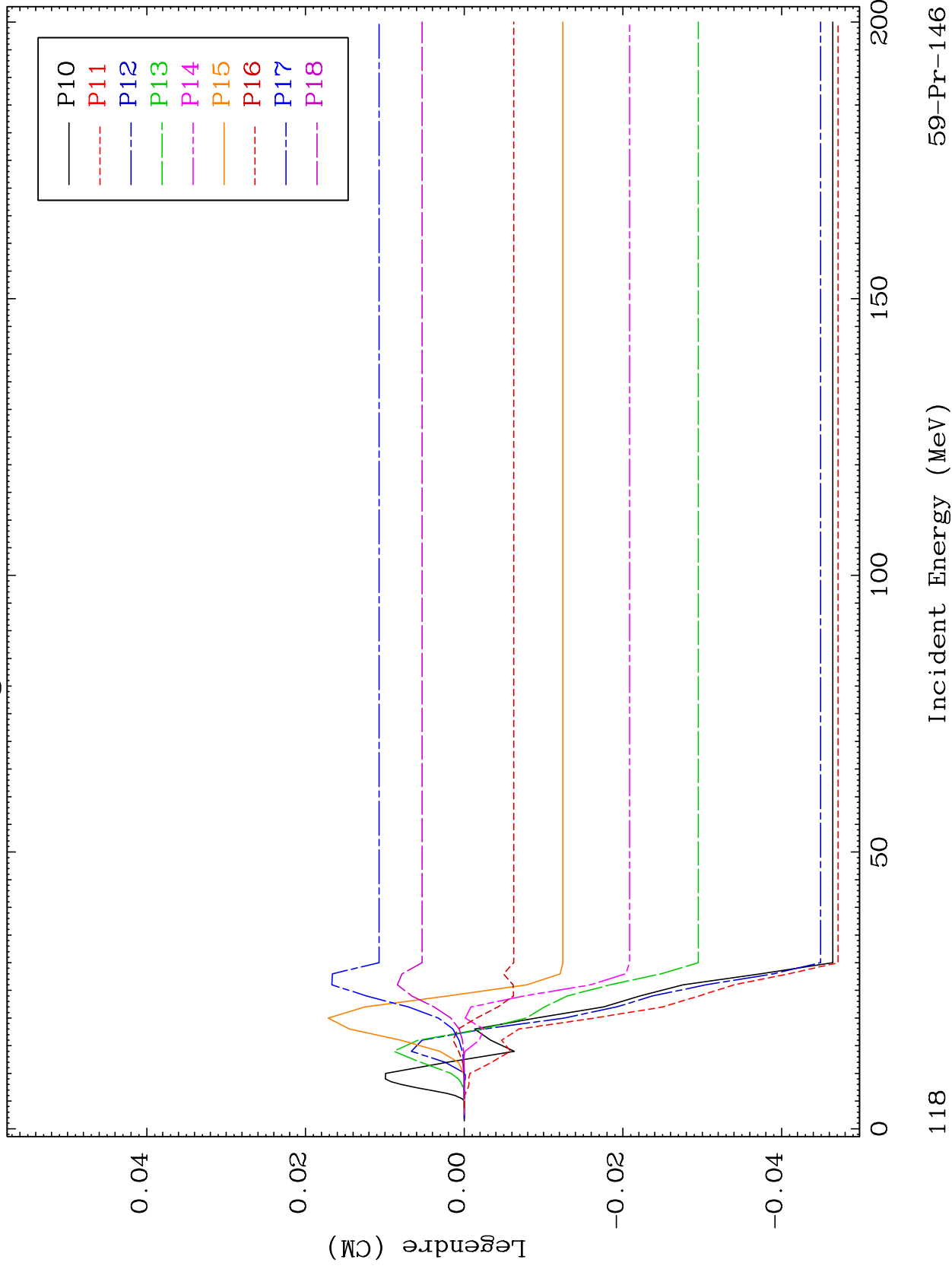
117

59-Pr-146

MAT 5940

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

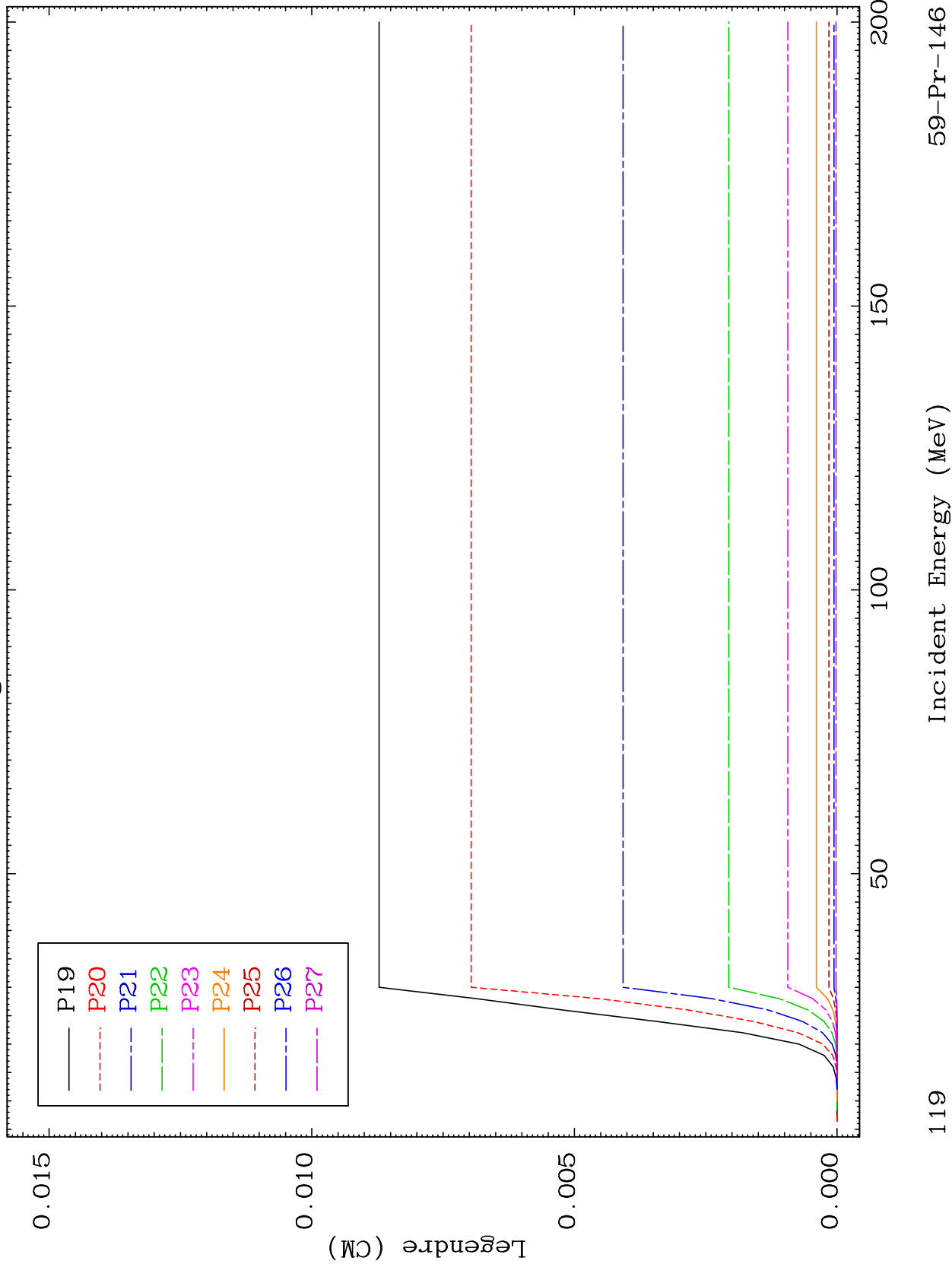
59-Pr-146



59-Pr-146

Incident Energy (MeV)

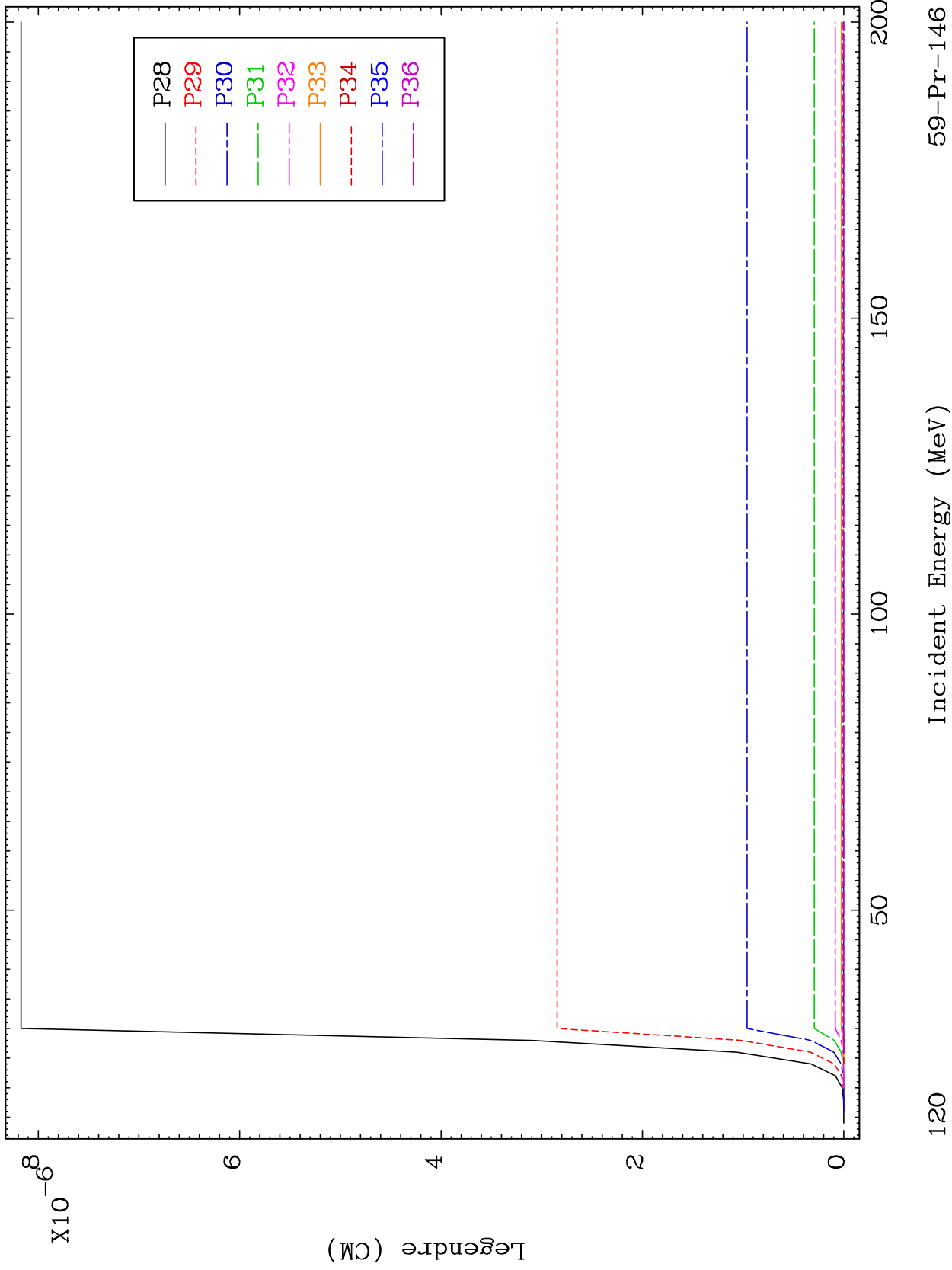
118



MAT 5940

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

59-Pr-146



59-Pr-146

Incident Energy (MeV)

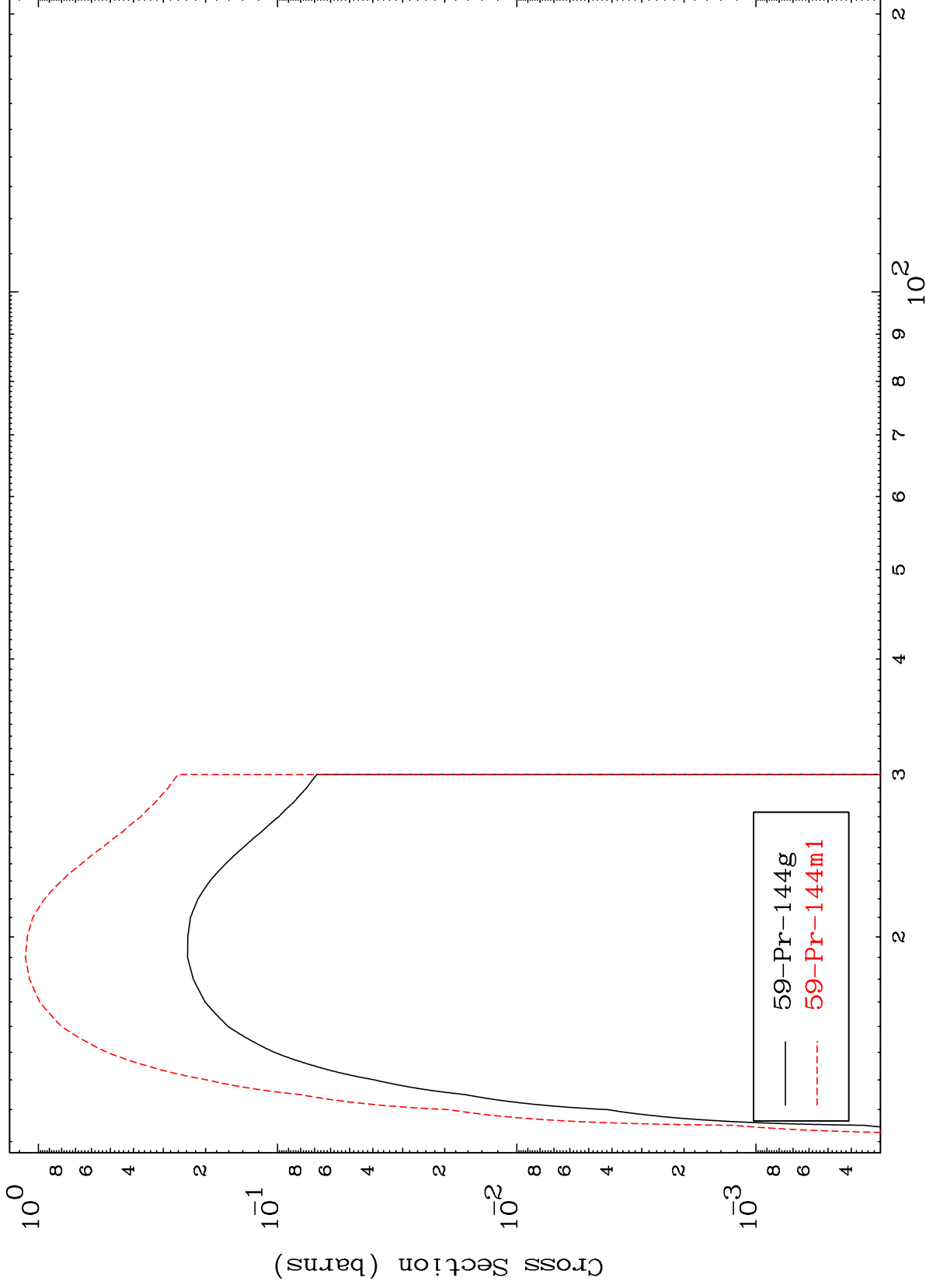
120

MAT 5940

(n,3n)

59-Pr-146

Radionuclide Production Cross Section



121

Incident Energy (MeV)

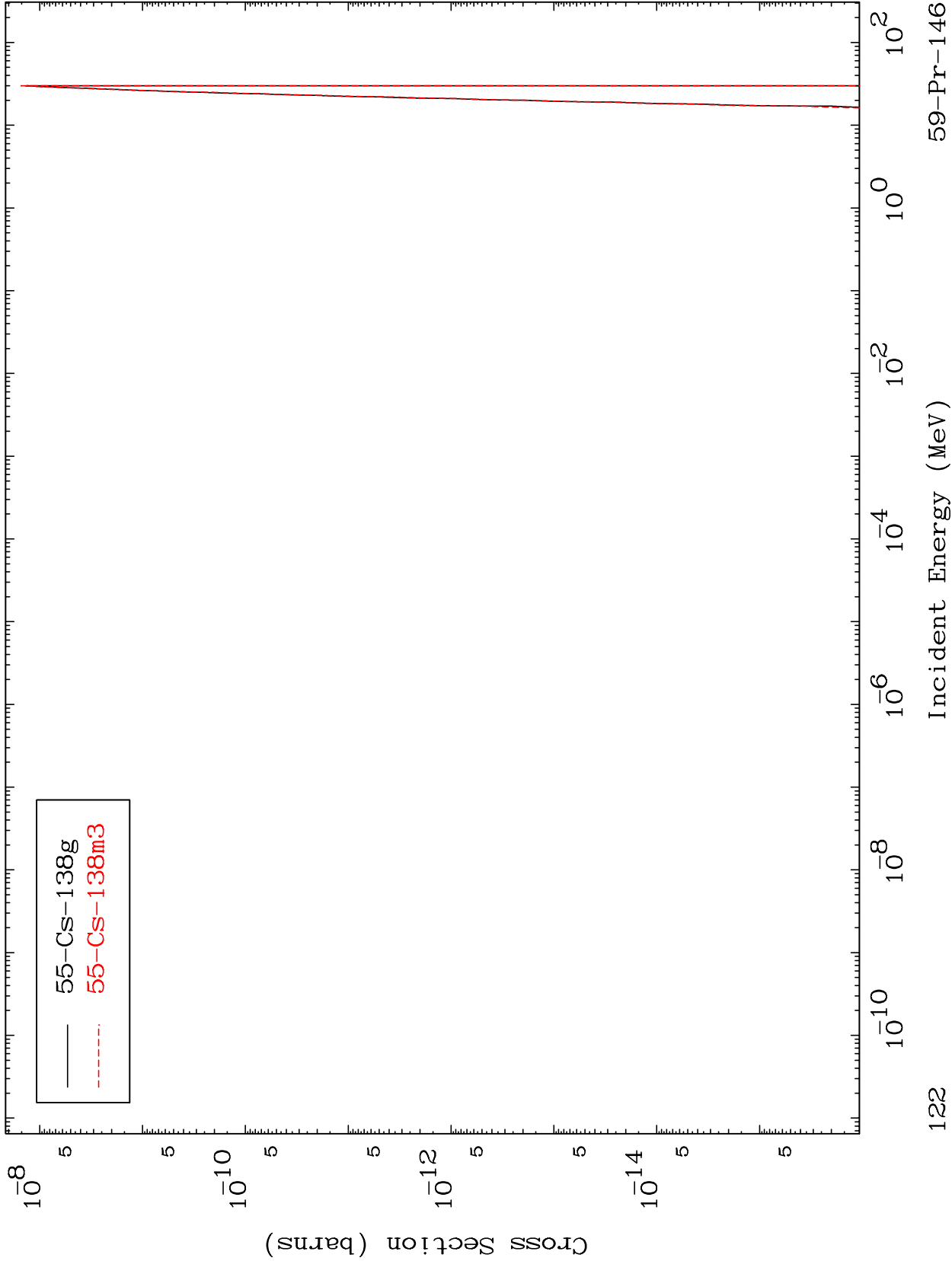
59-Pr-146

MAT 5940

(n,n') 2α

59-Pr-146

Radionuclide Production Cross Section



55-Cs-138g
55-Cs-138m3