

Program EVALPLOT
(Version 2017-1)

by

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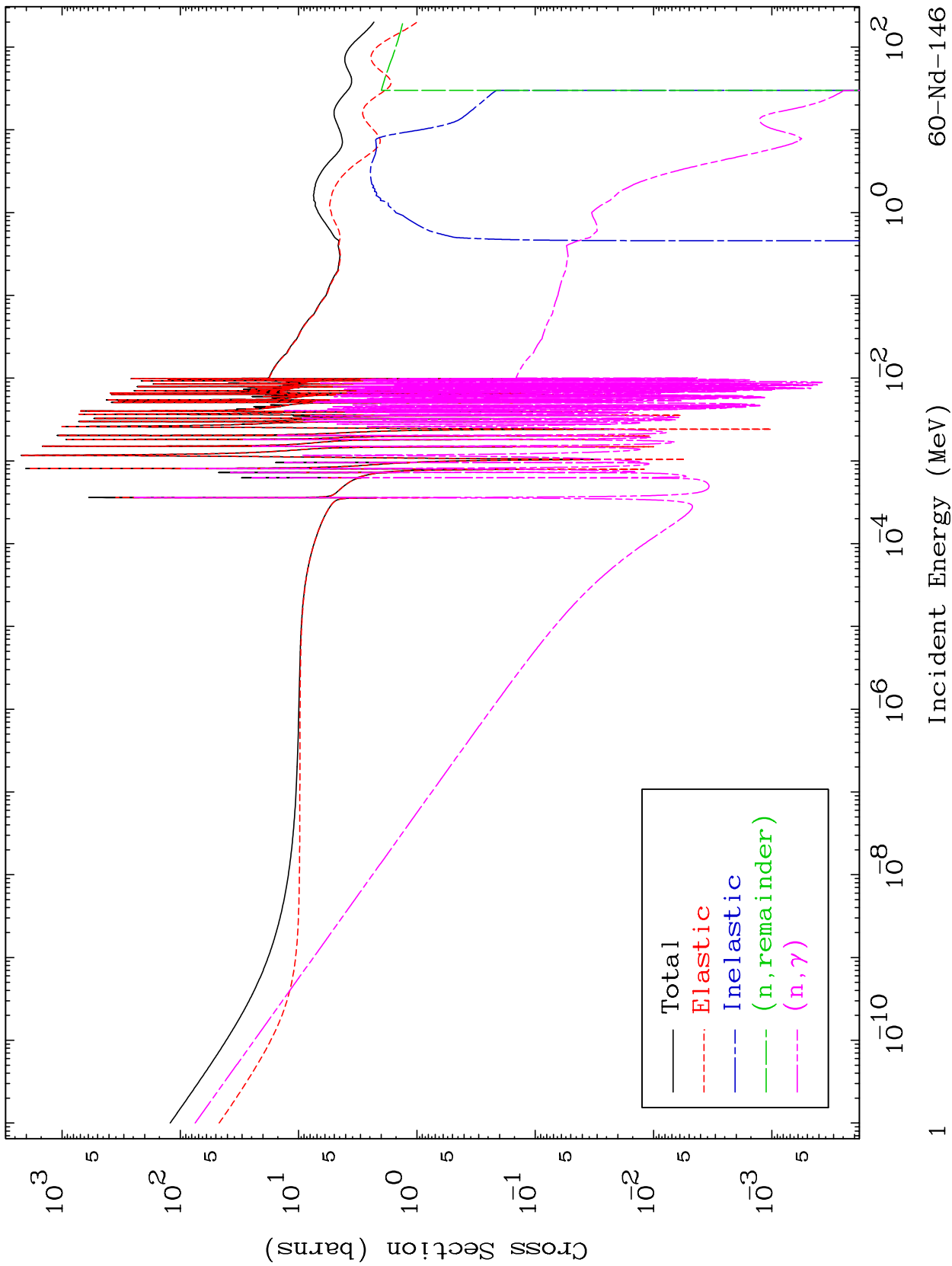
Press Mouse Button to Start

MAT 6037

Major

293 Kelvin Cross Sections

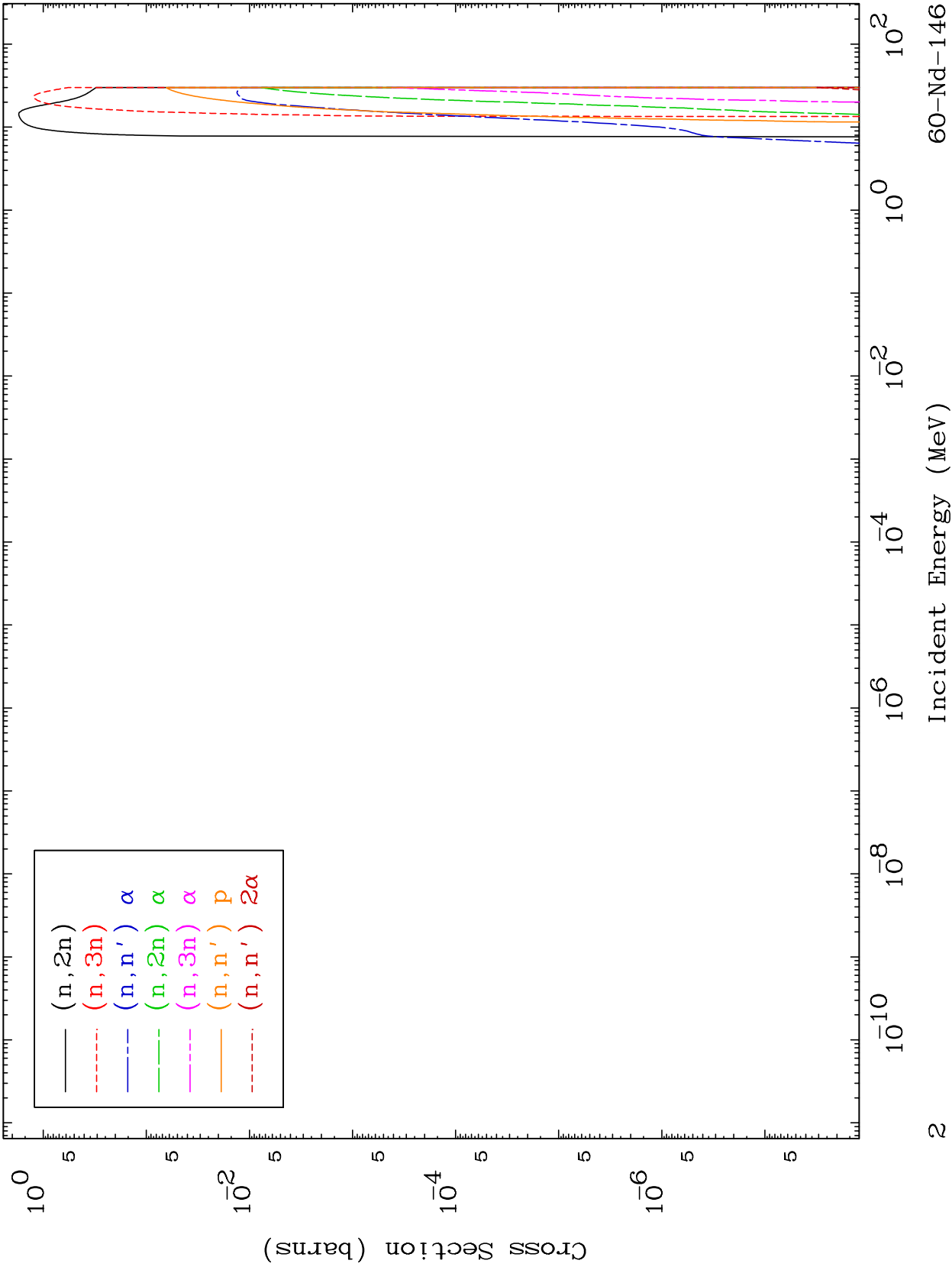
60-Nd-146



MAT 6037

Neutron Production
293 Kelvin Cross Sections

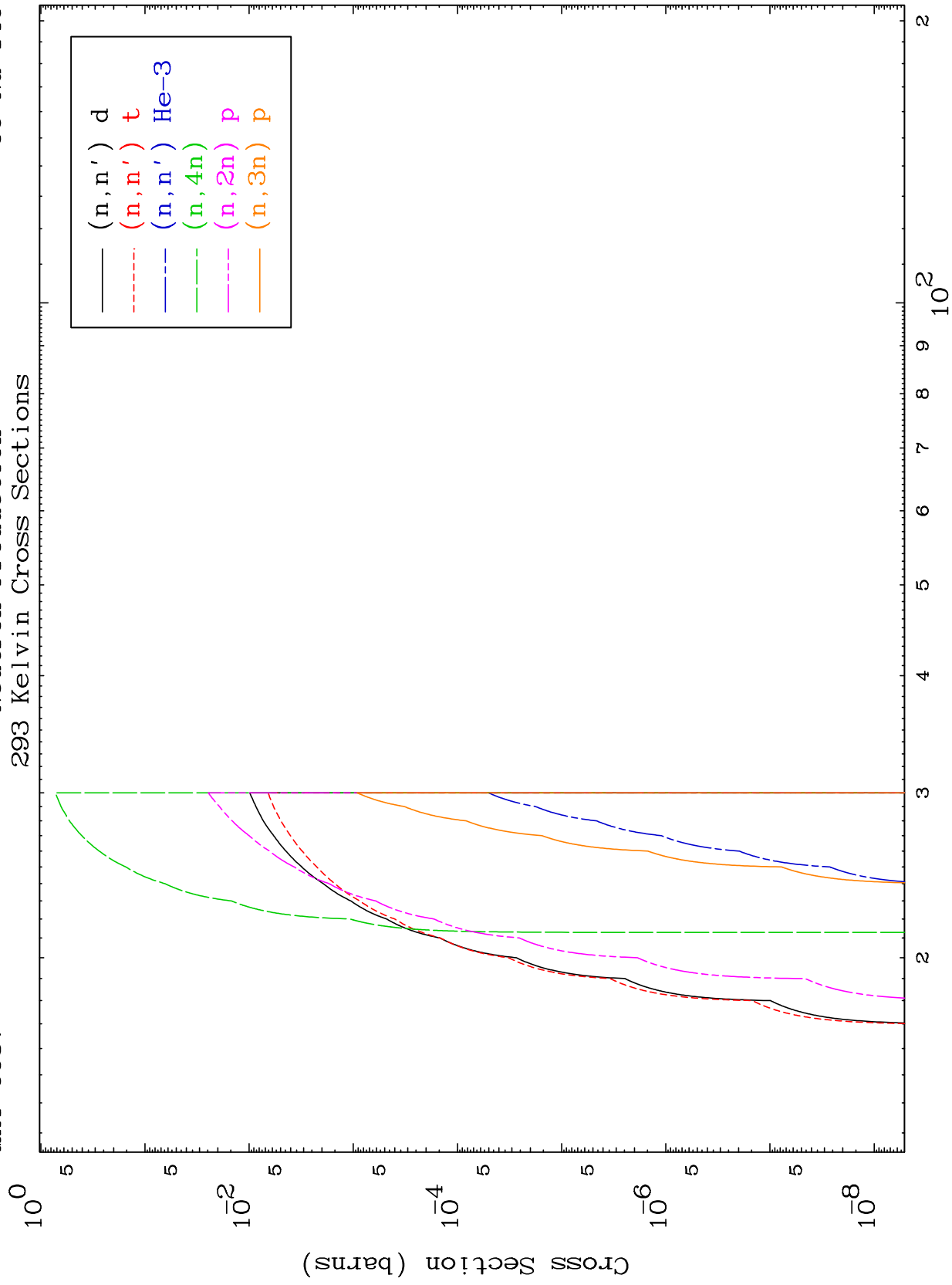
60-Nd-146



MAT 6037

Neutron Production
293 Kelvin Cross Sections

60-Nd-146



3

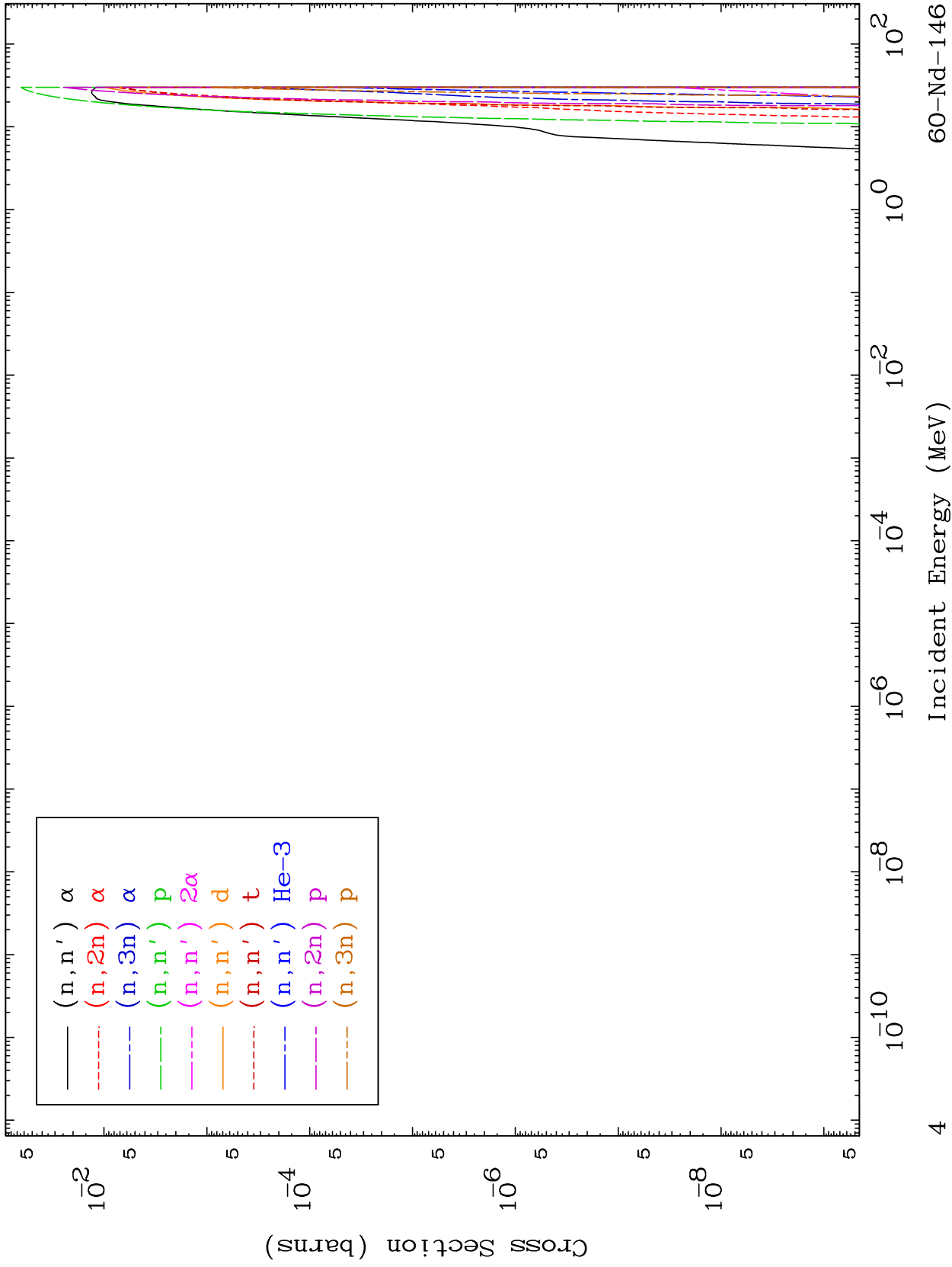
Incident Energy (MeV)

60-Nd-146

MAT 6037

Charged Particle
293 Kelvin Cross Sections

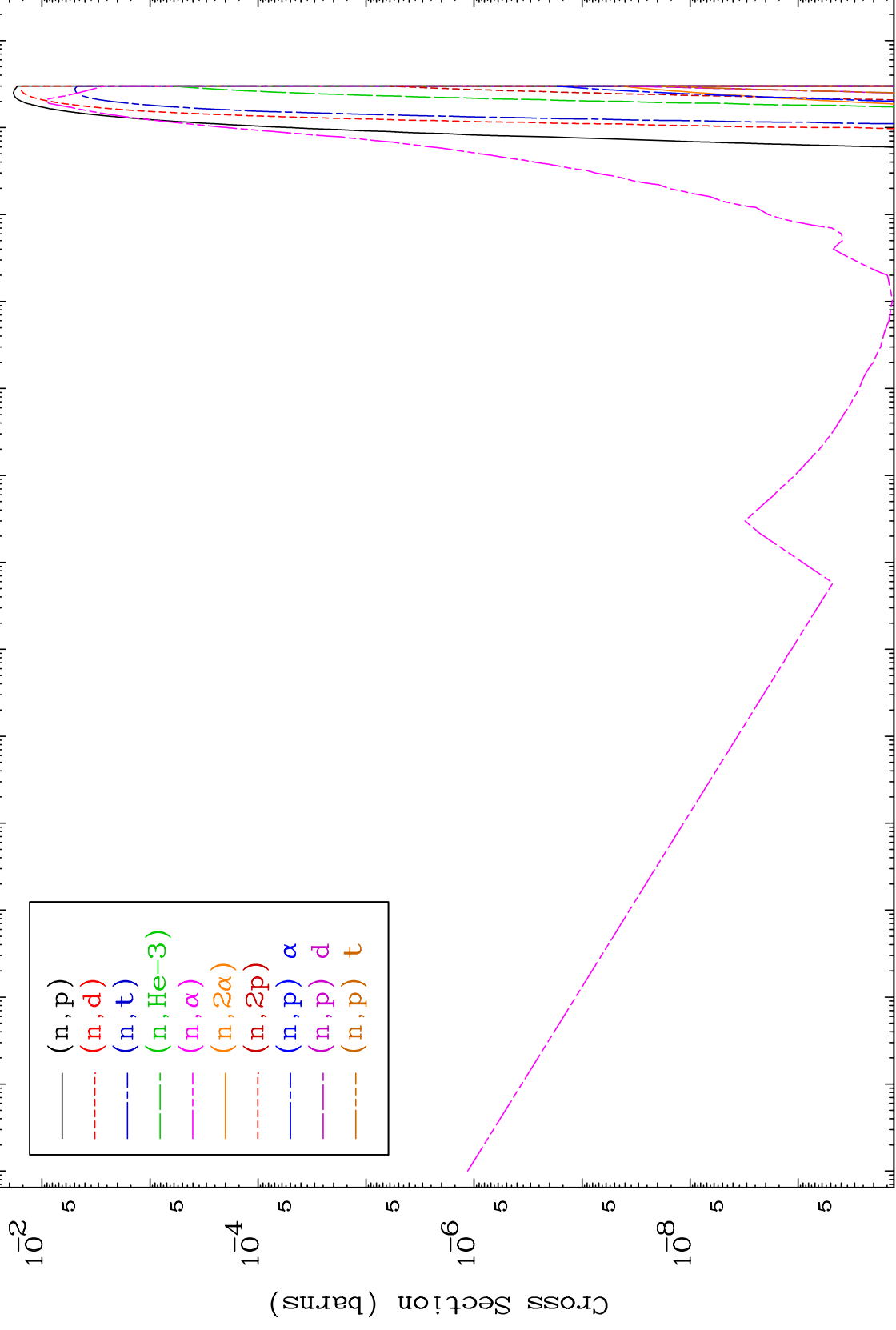
60-Nd-146



MAT 6037

Charged Particle
293 Kelvin Cross Sections

60-Nd-146



5

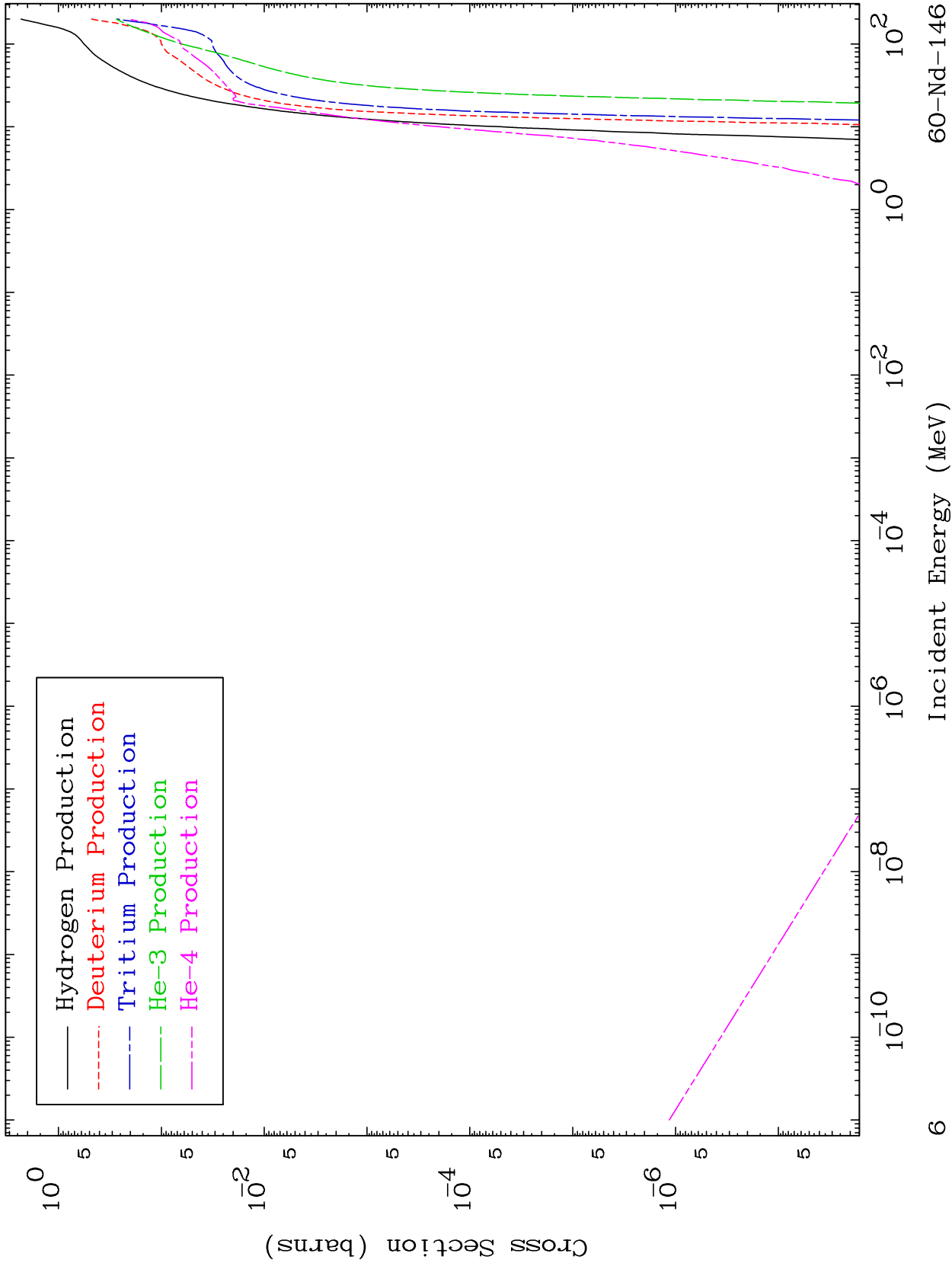
Incident Energy (MeV)

60-Nd-146

MAT 6037

Particle Production
293 Kelvin Cross Sections

60-Nd-146

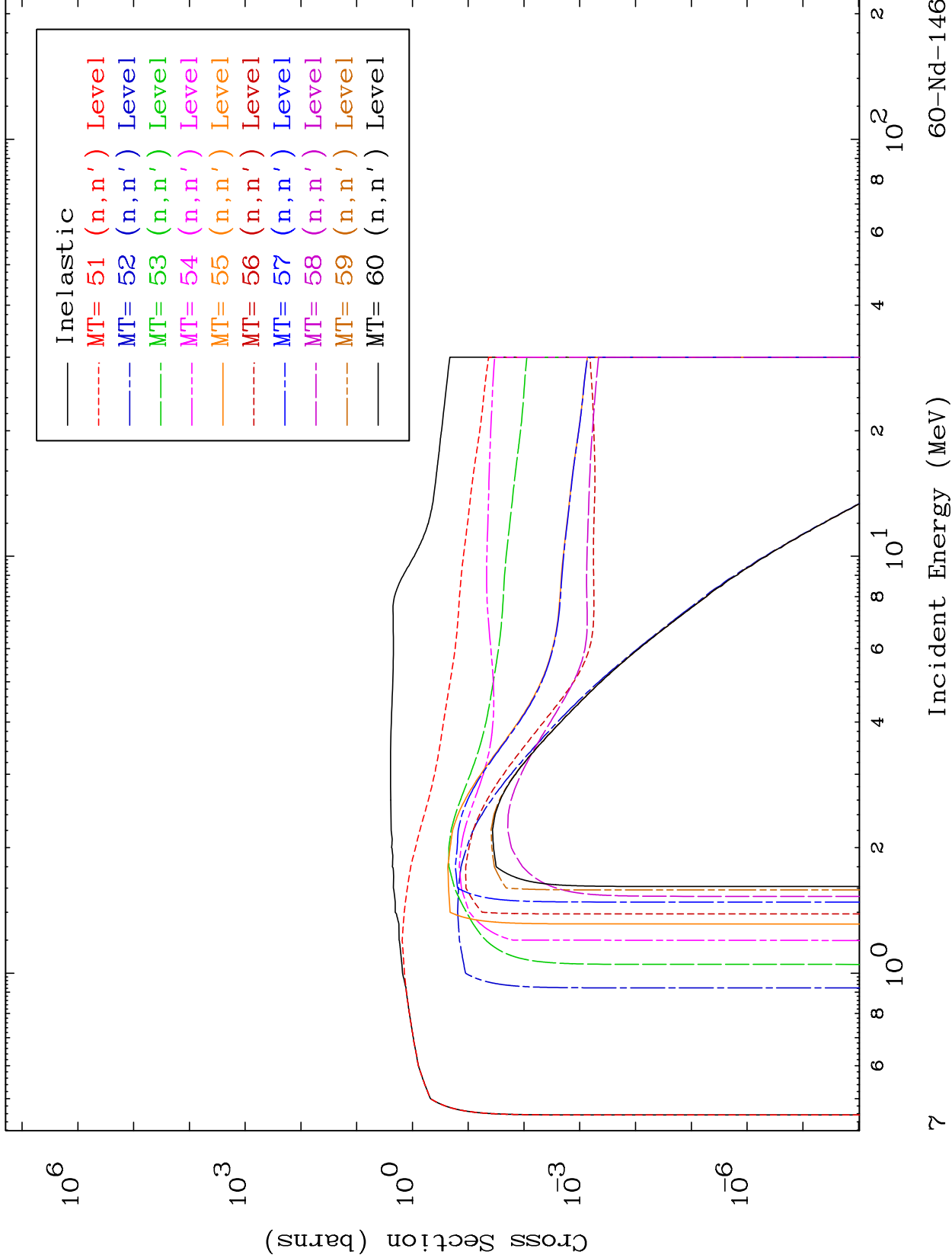


MAT 6037

(n,n') Level

60-Nd-146

293 Kelvin Cross Sections

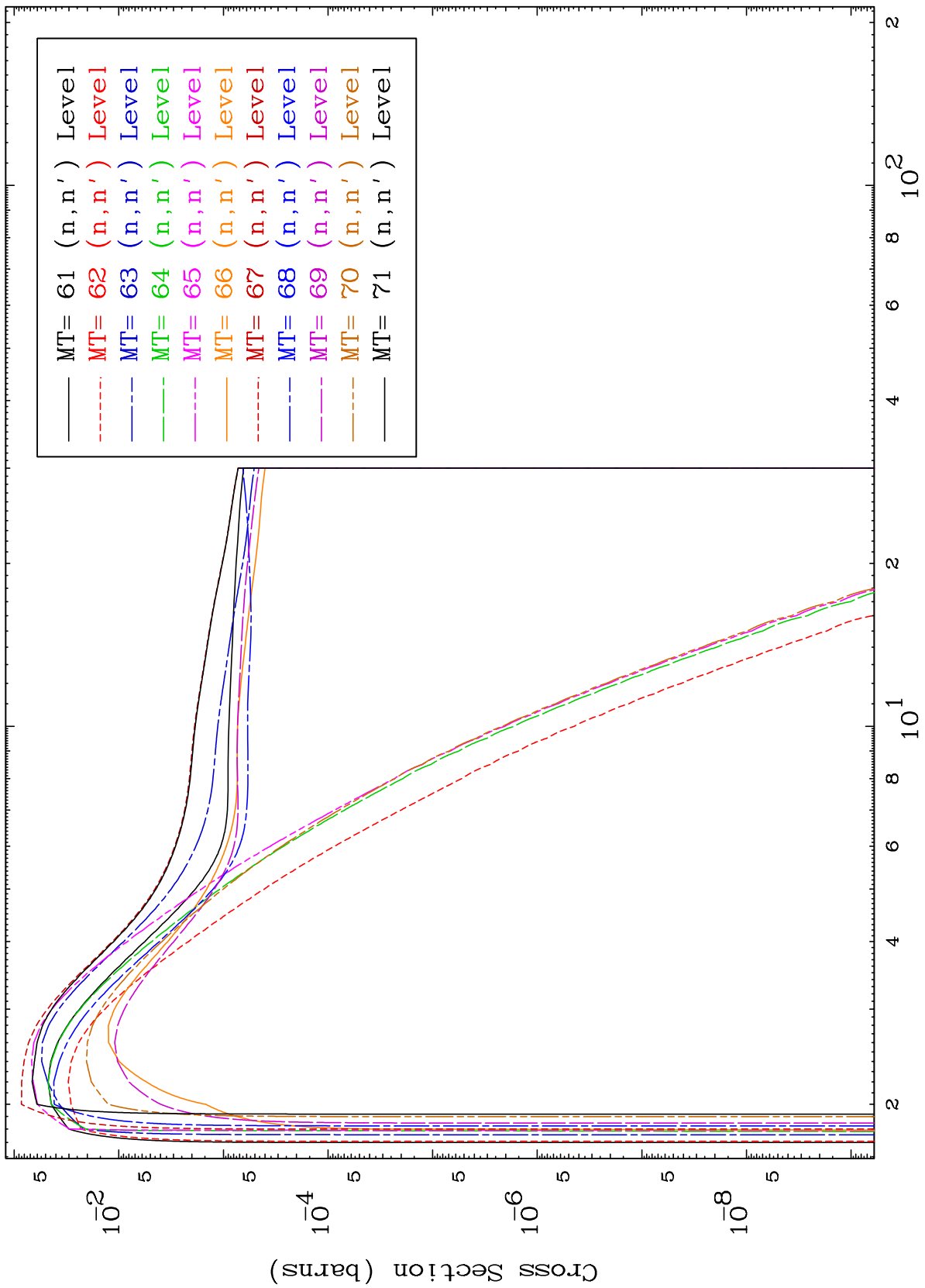


MAT 6037

(n,n') Level

60-Nd-146

293 Kelvin Cross Sections



8

Incident Energy (MeV)

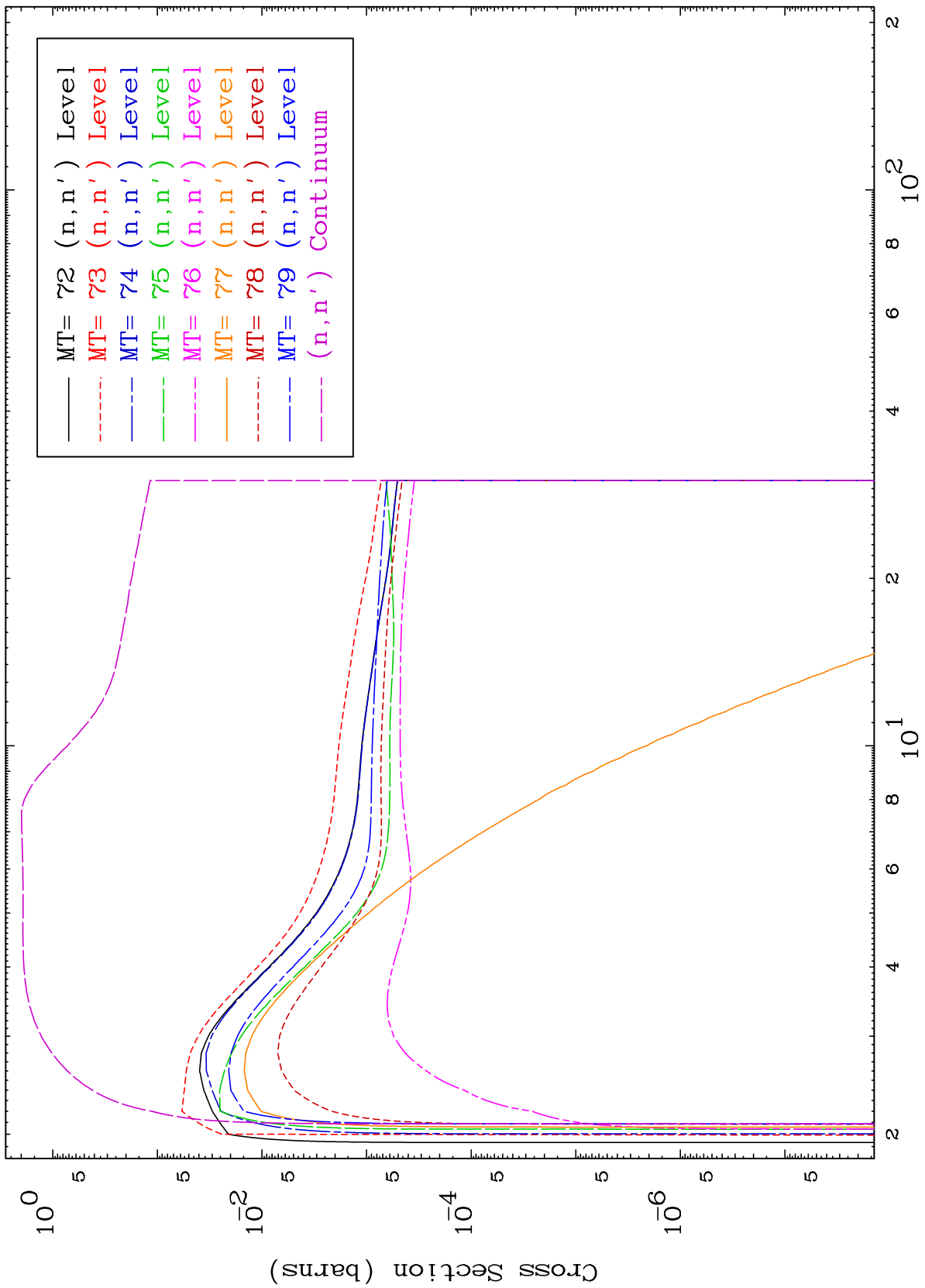
60-Nd-146

MAT 6037

(n,n') Level

60-Nd-146

293 Kelvin Cross Sections



9

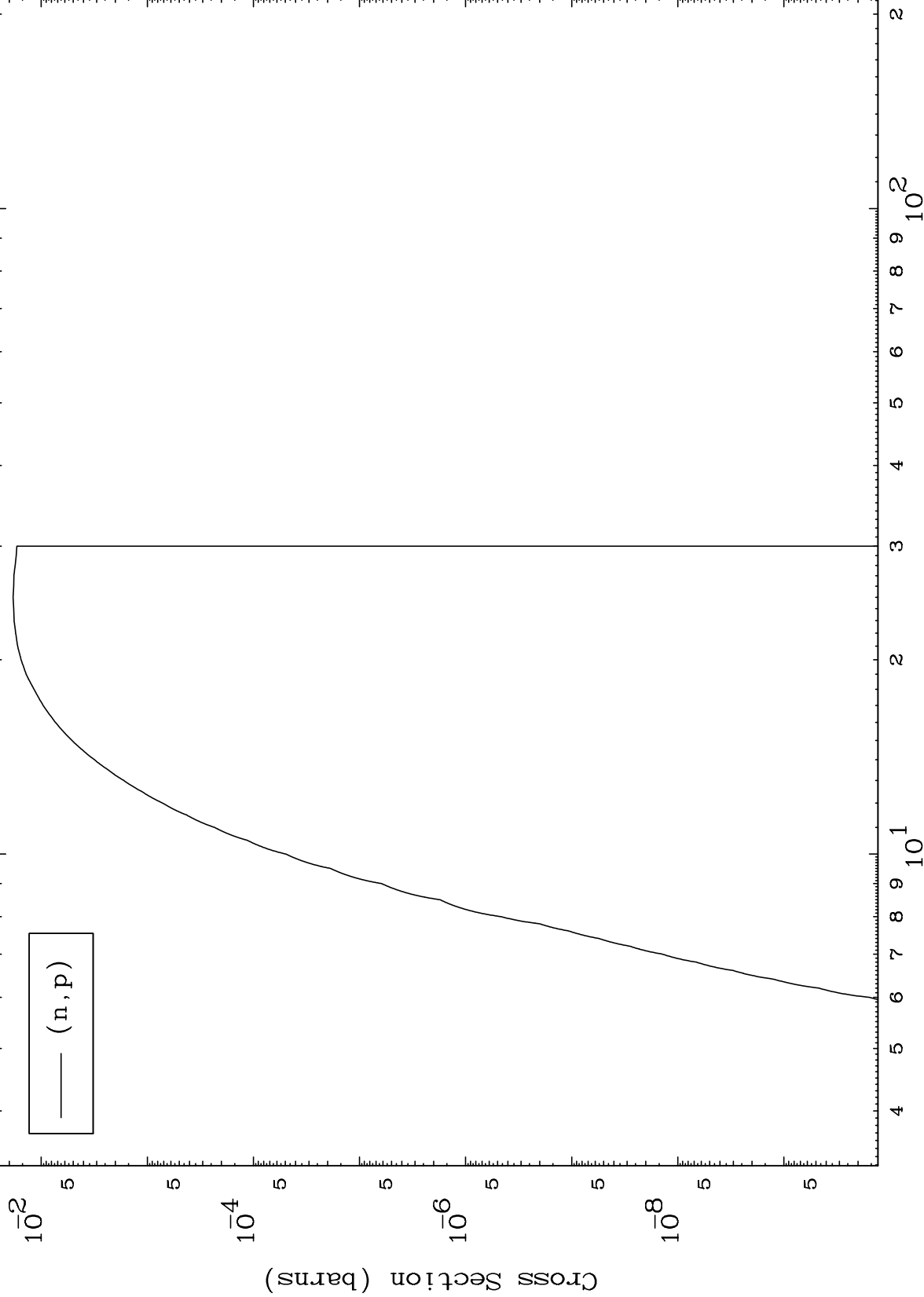
Incident Energy (MeV)

60-Nd-146

MAT 6037

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-146



10

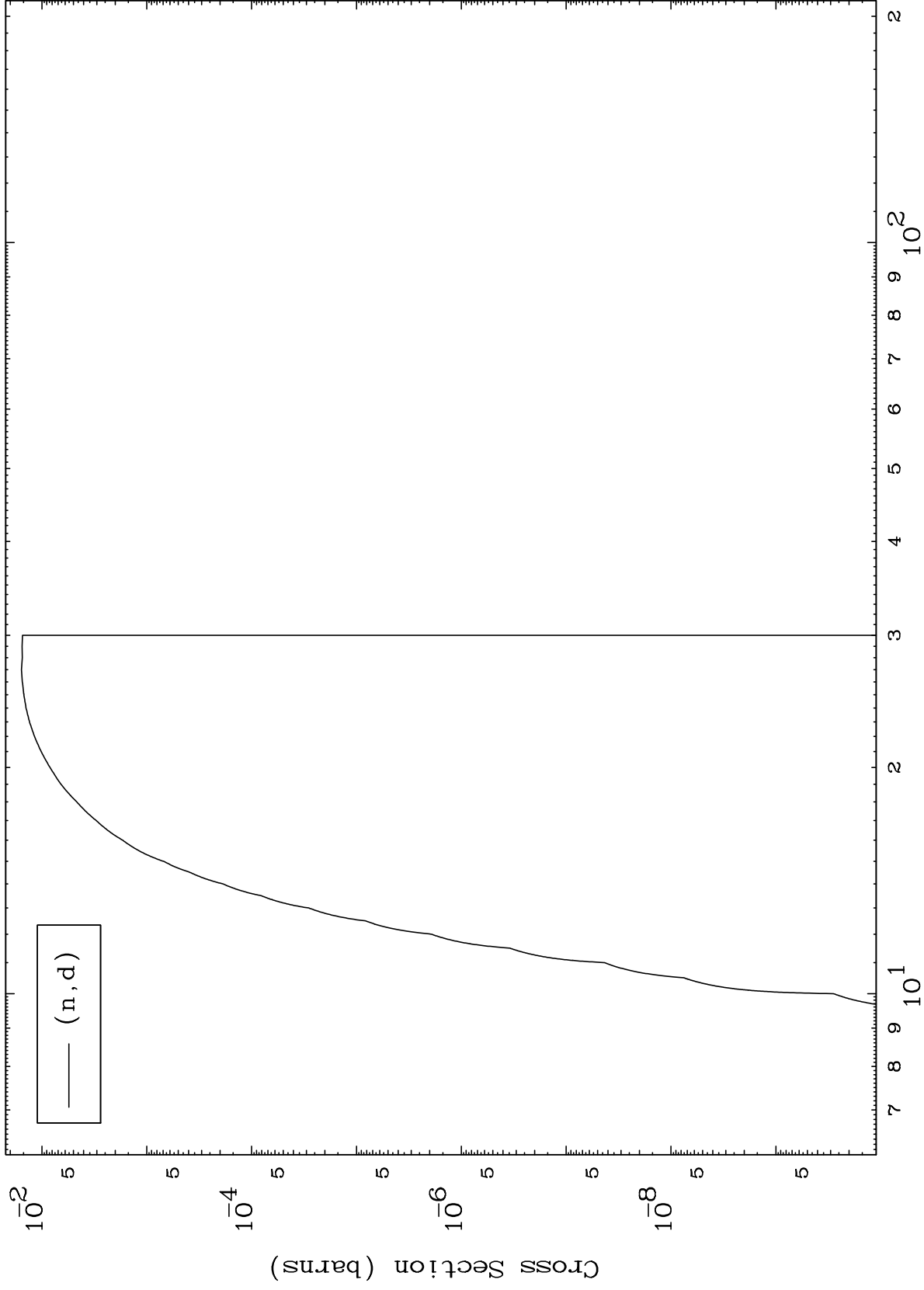
Incident Energy (MeV)

60-Nd-146

MAT 6037

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-146



11

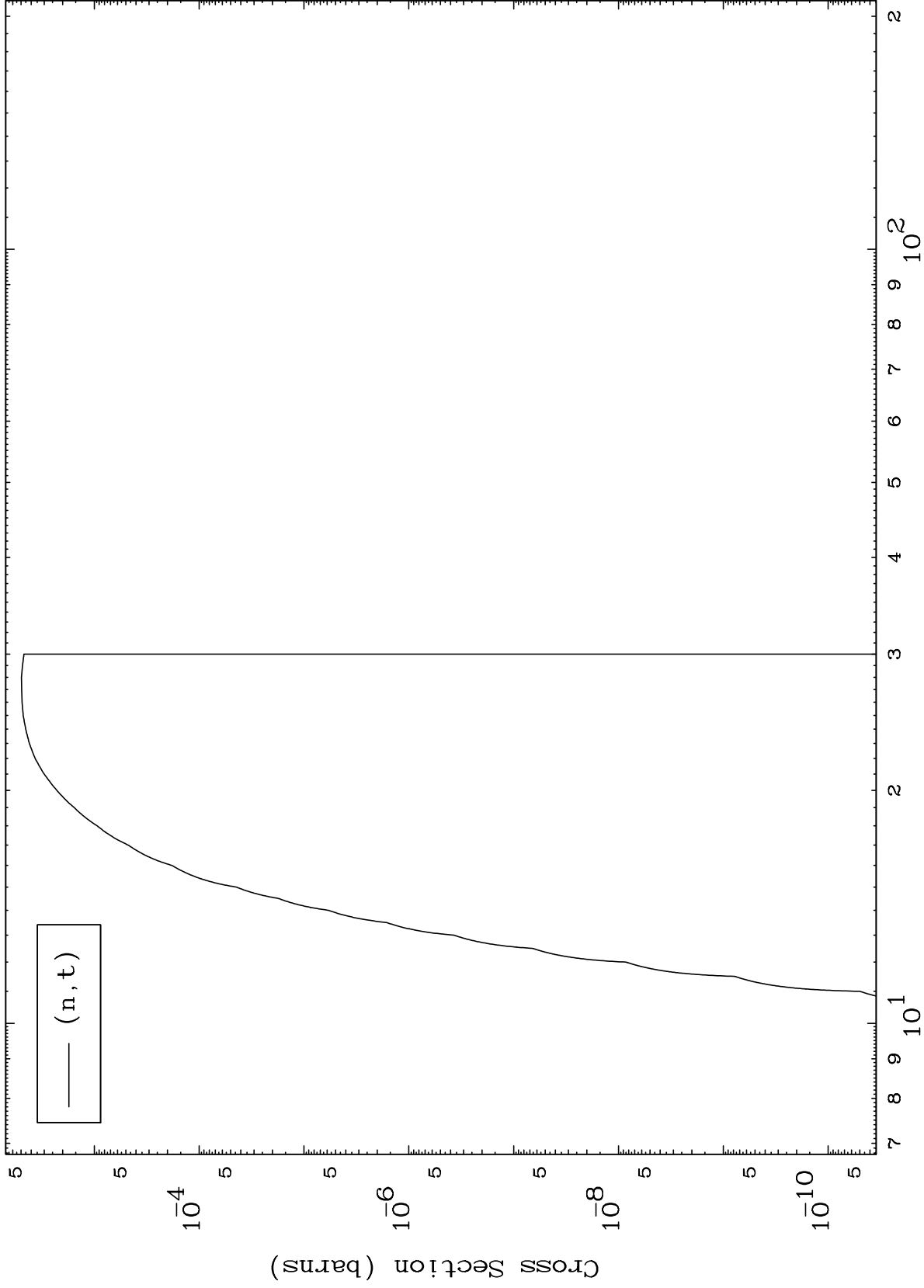
Incident Energy (MeV)

60-Nd-146

MAT 6037

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-146



12

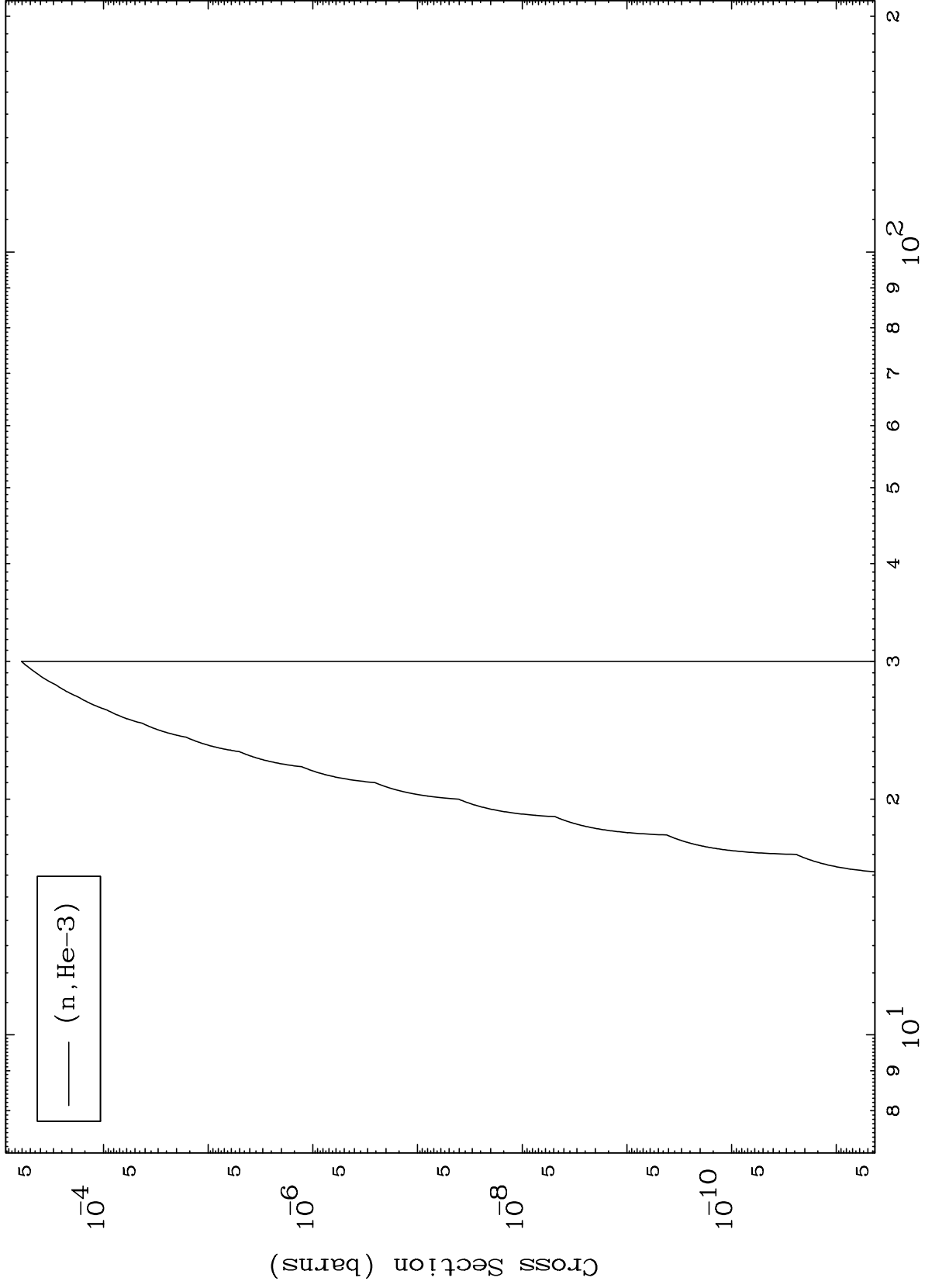
Incident Energy (MeV)

60-Nd-146

MAT 6037

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-146



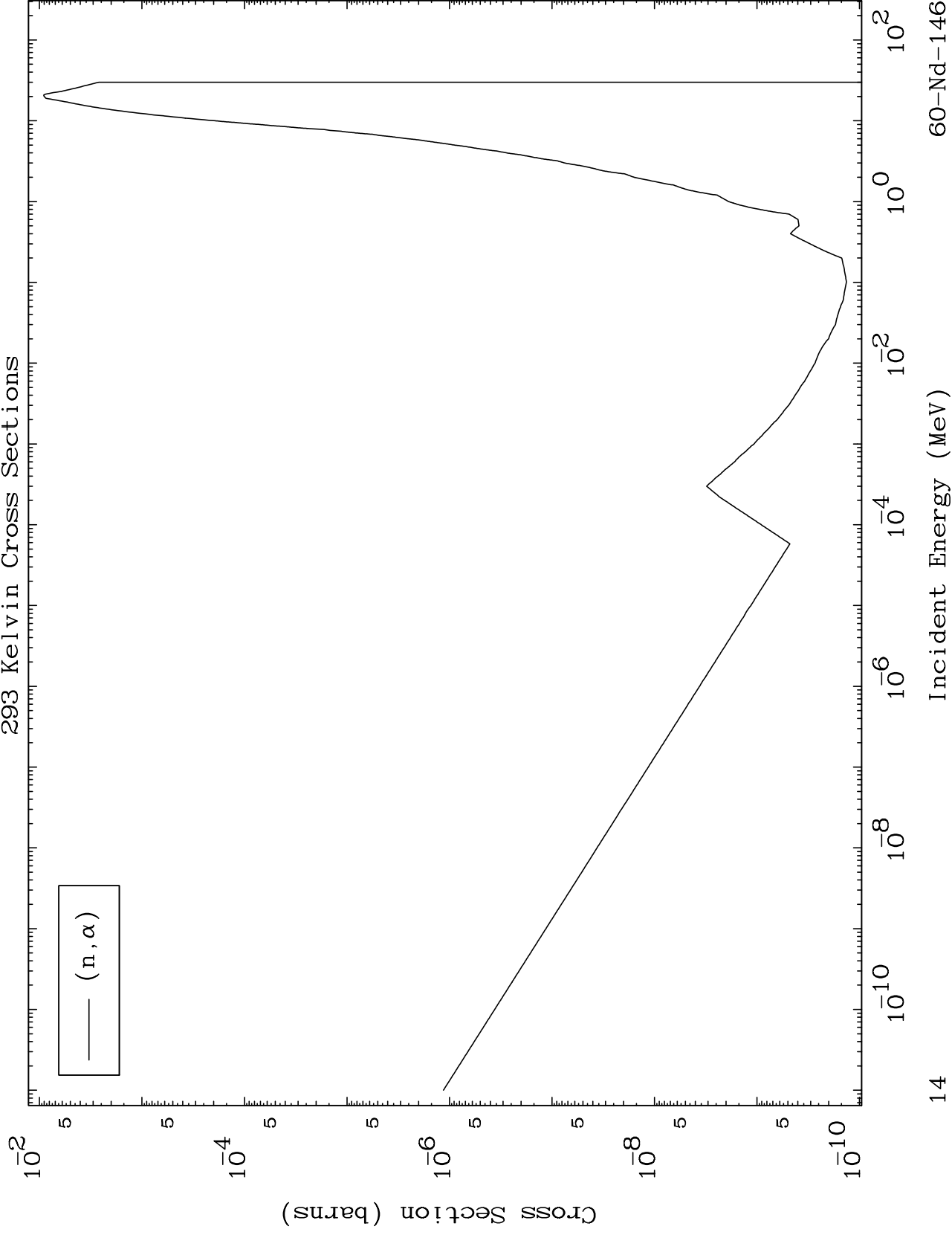
60-Nd-146

13

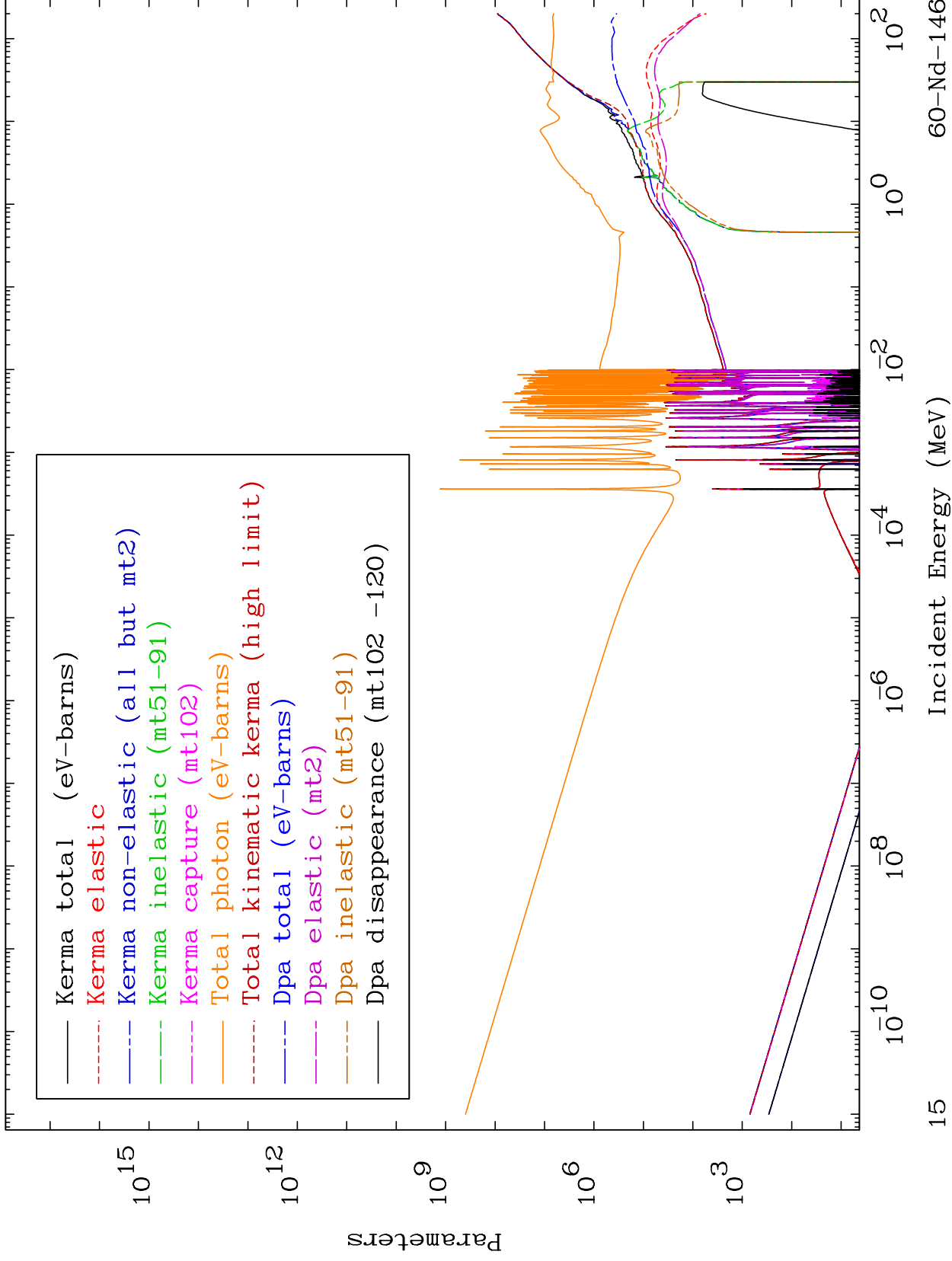
MAT 6037

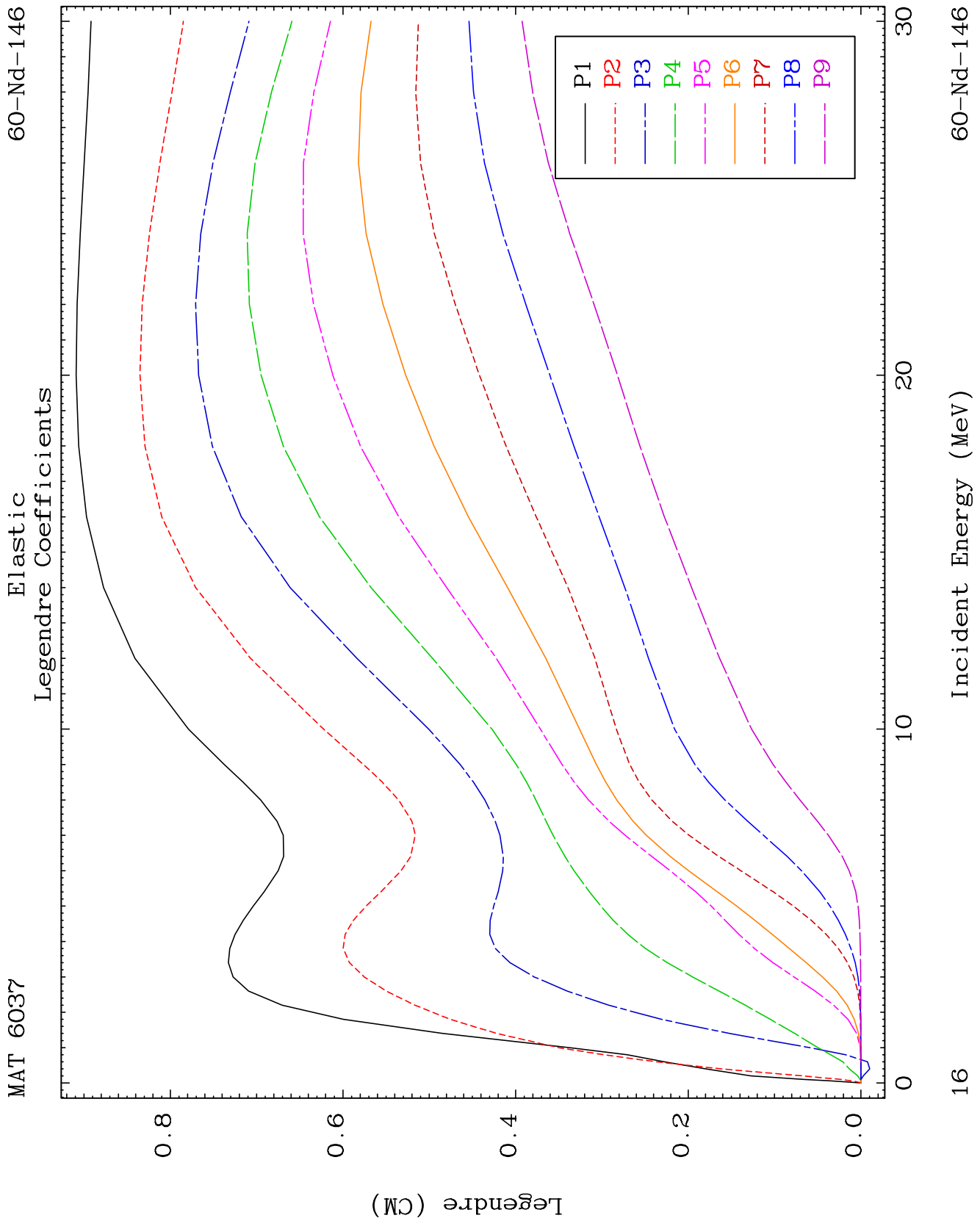
(n, α) Levels
293 Kelvin Cross Sections

60-Nd-146



(n, α)

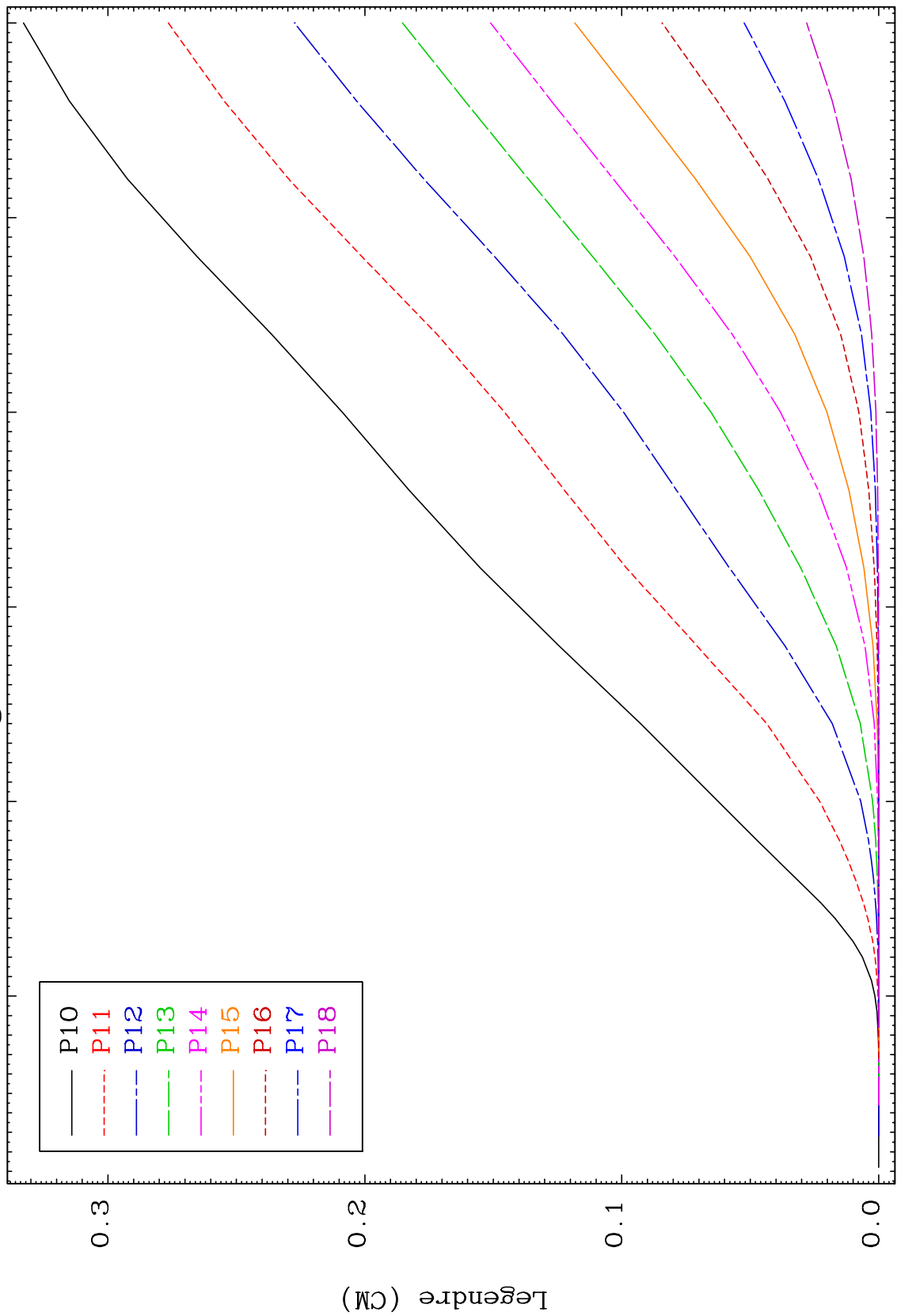




MAT 6037

Elastic Legendre Coefficients

60-Nd-146



17

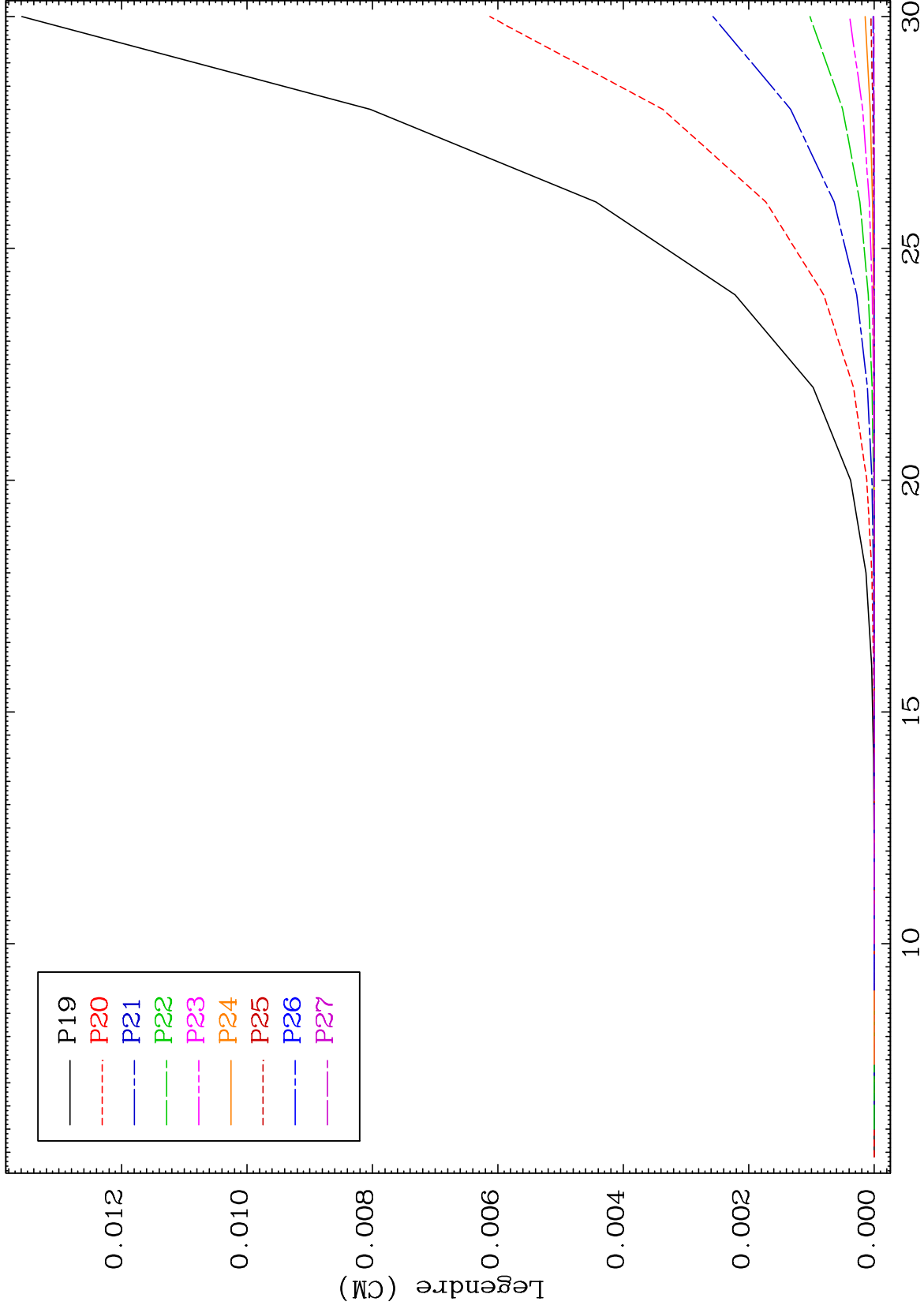
Incident Energy (MeV)

60-Nd-146

MAT 6037

Elastic Legendre Coefficients

60-Nd-146



18

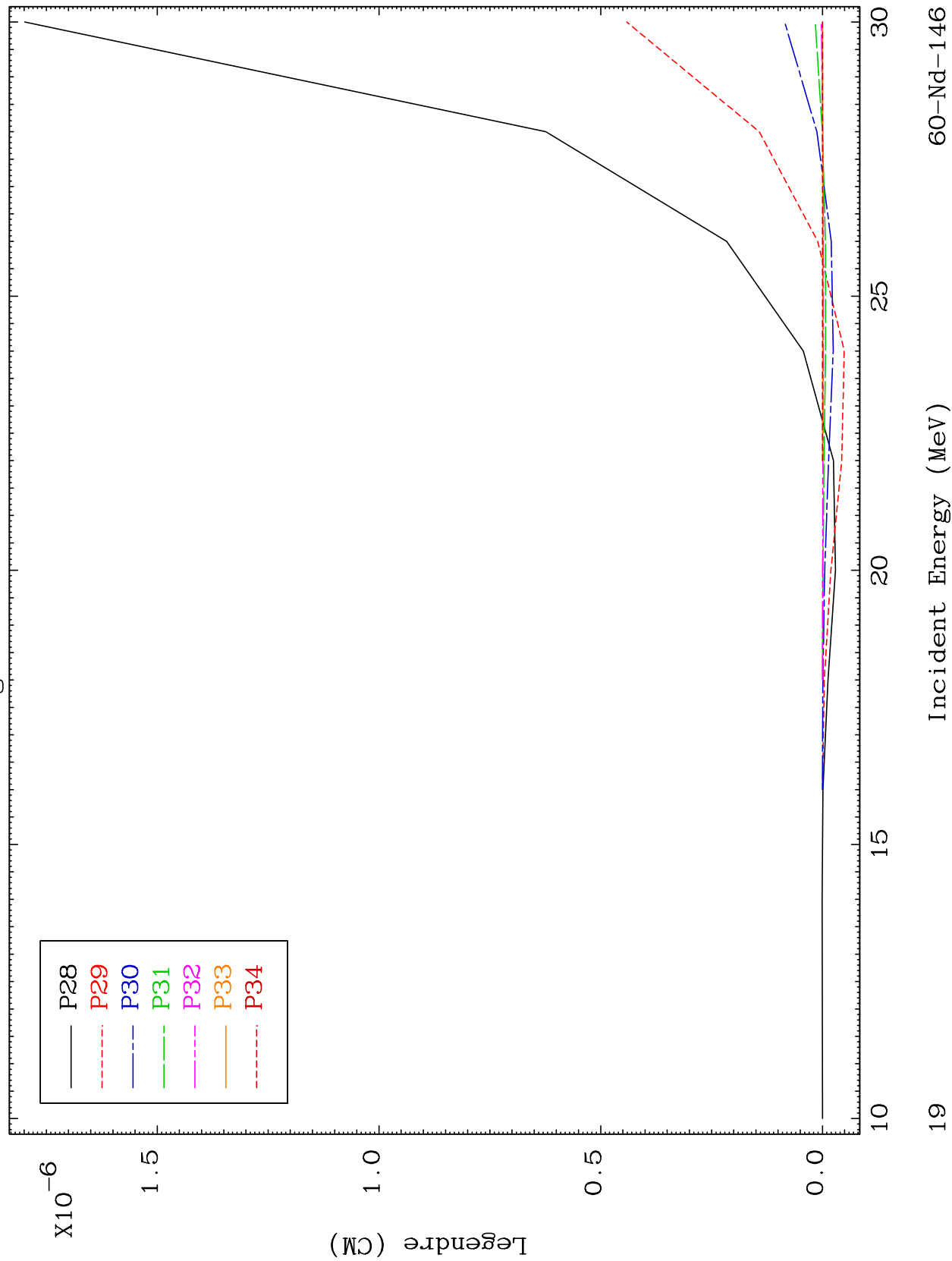
Incident Energy (MeV)

60-Nd-146

MAT 6037

Elastic Legendre Coefficients

⁶⁰Nd-146



19

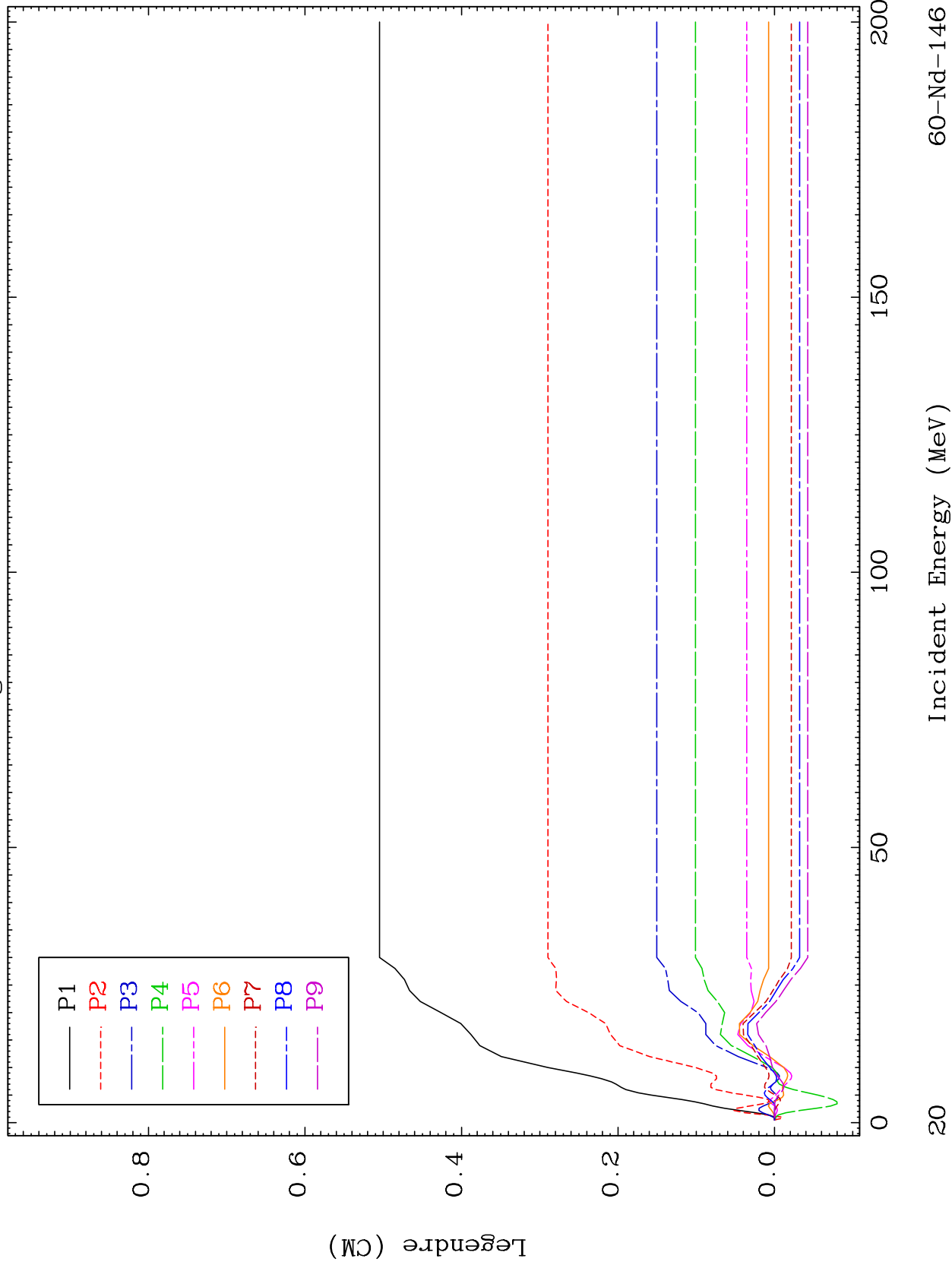
Incident Energy (MeV)

⁶⁰Nd-146

MAT 6037

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

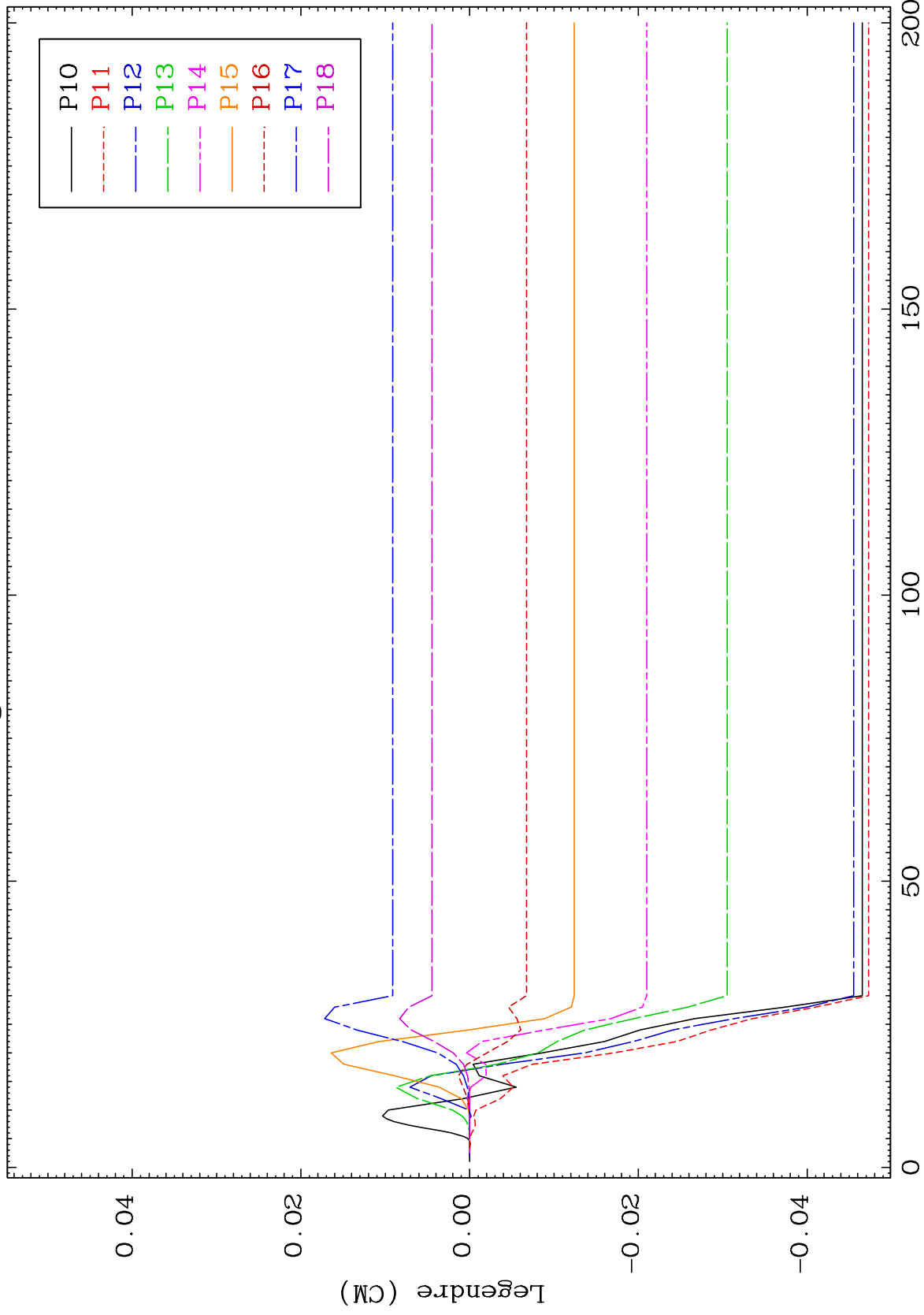
60-Nd-146



MAT 6037

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

60-Nd-146



21

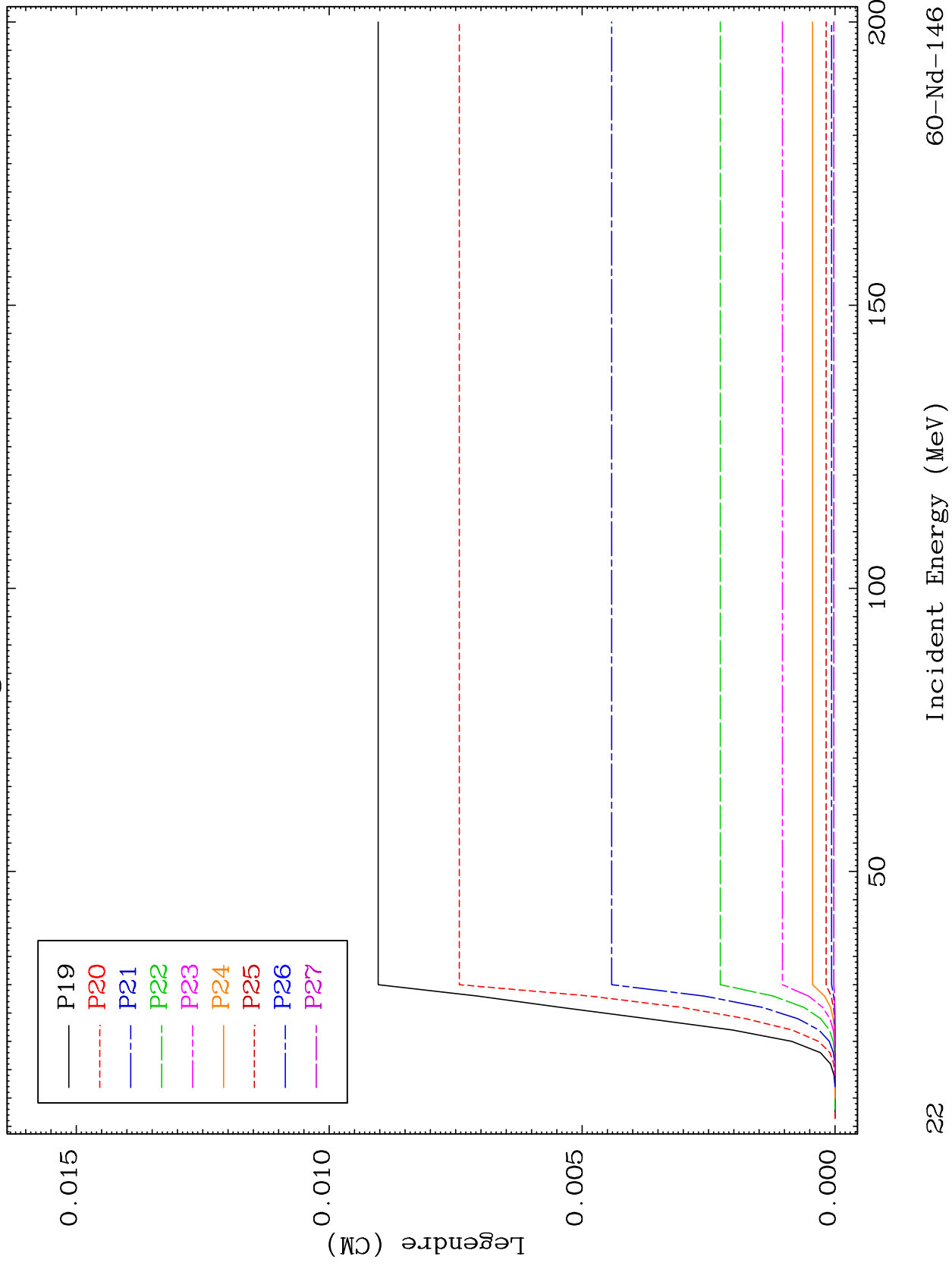
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

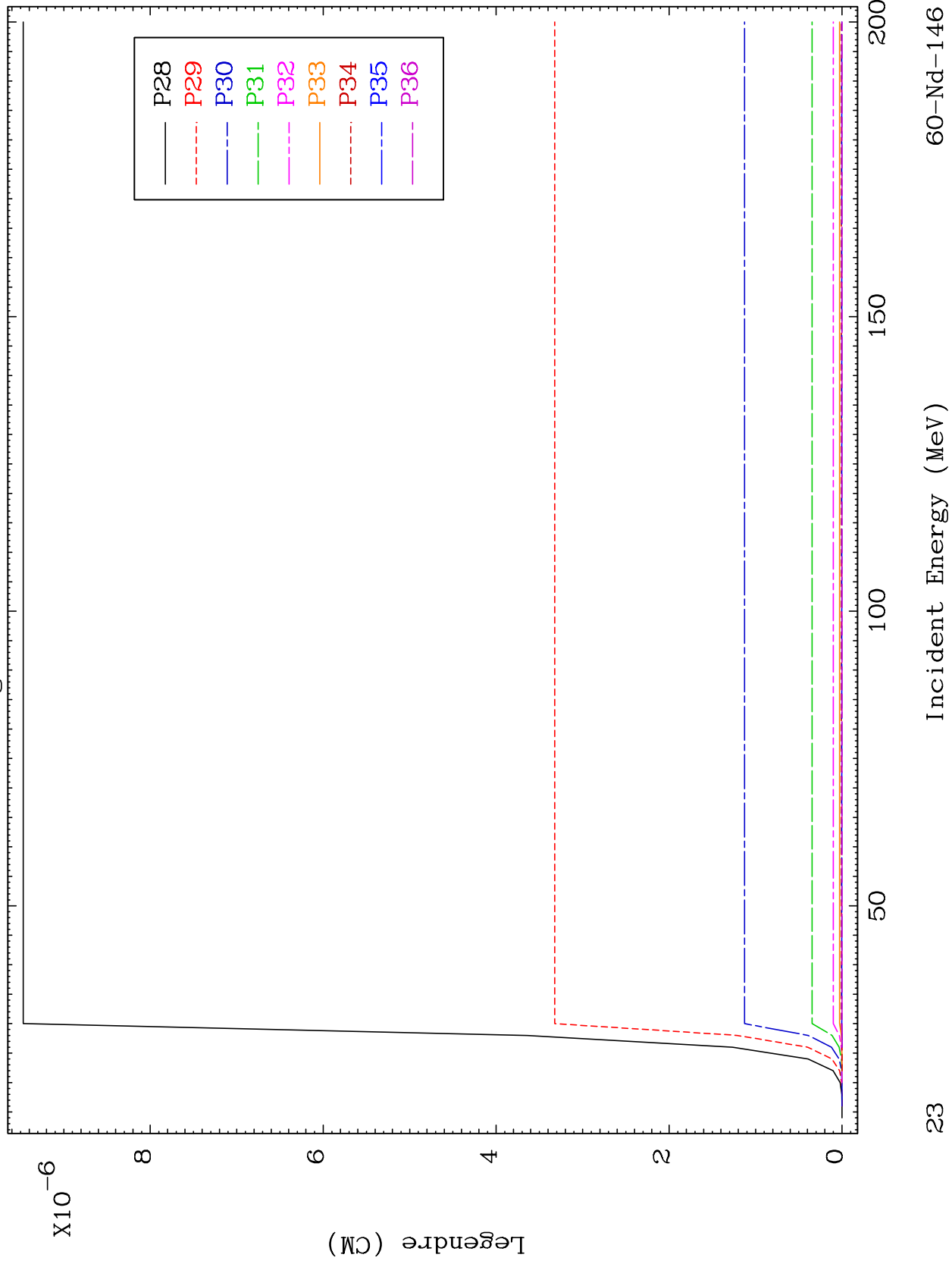
60-Nd-146



MAT 6037

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

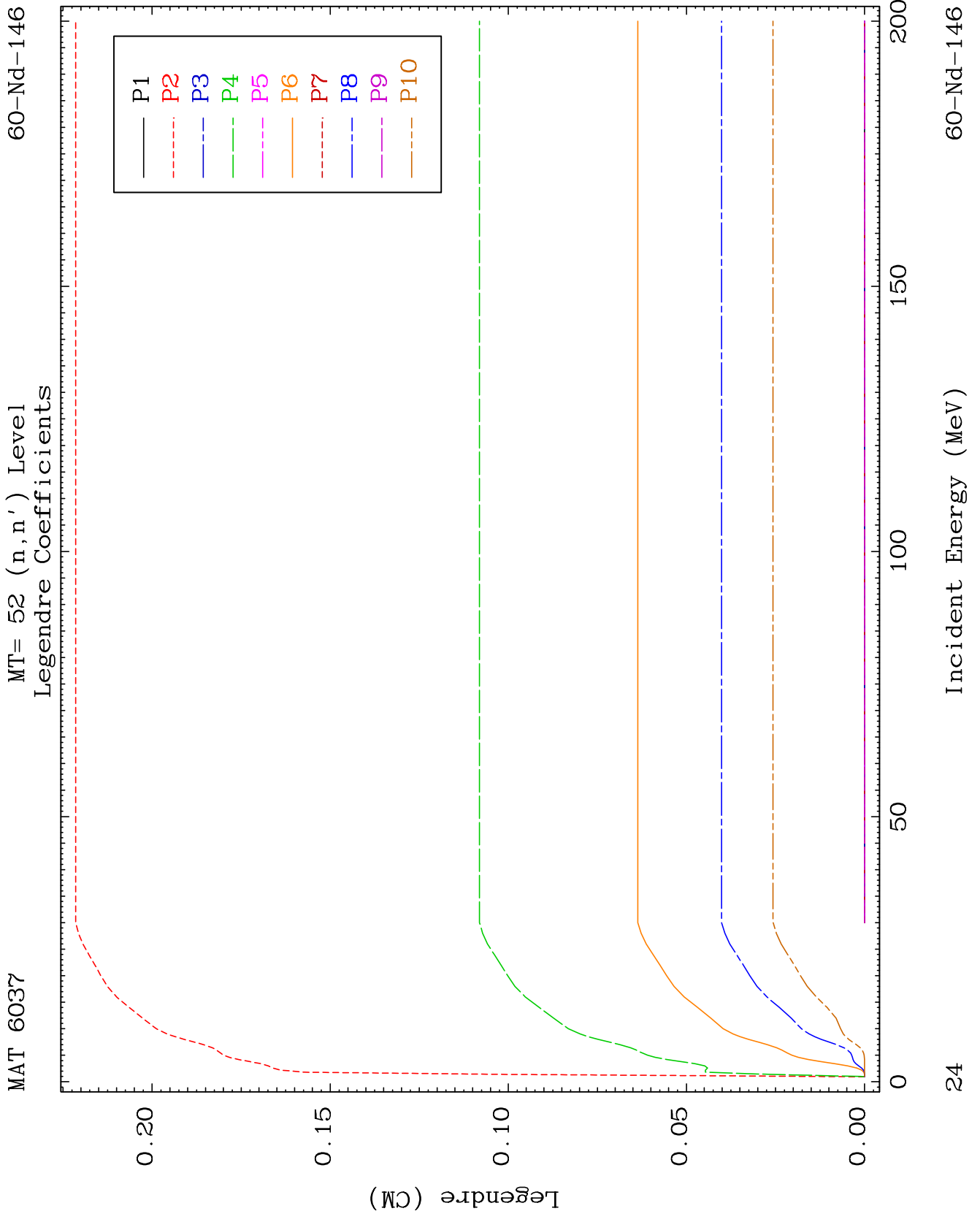
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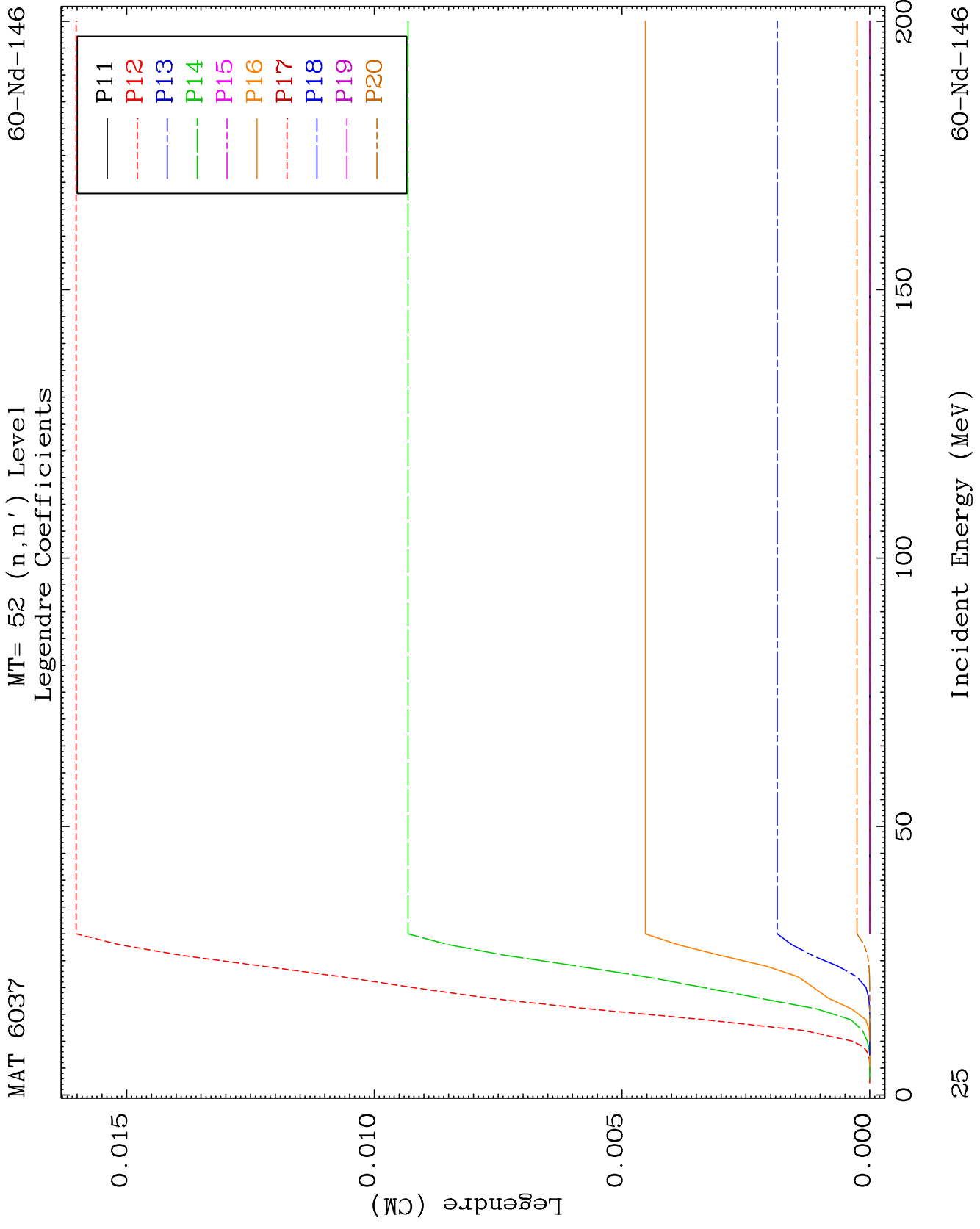


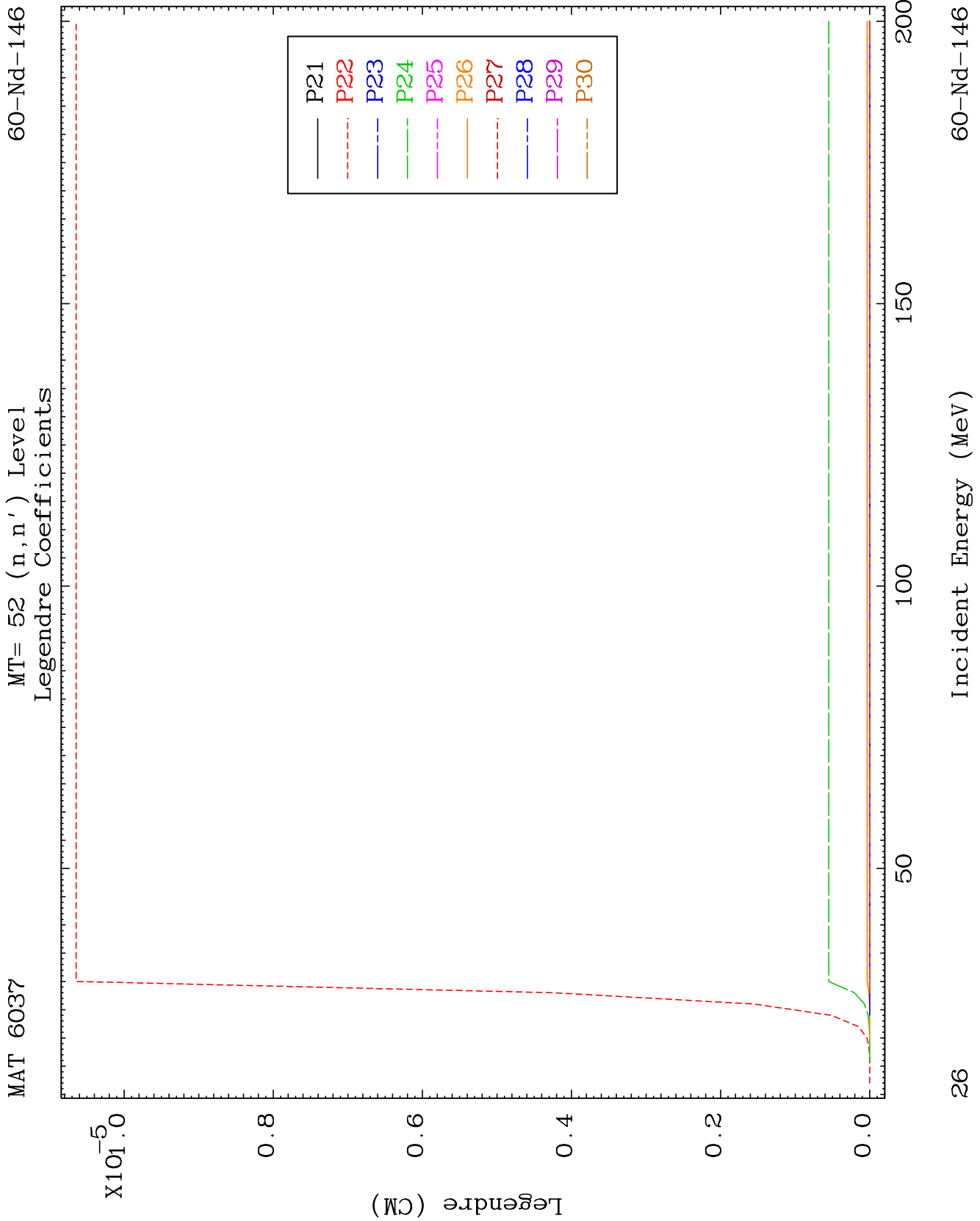
23

Incident Energy (MeV)

60-Nd-146



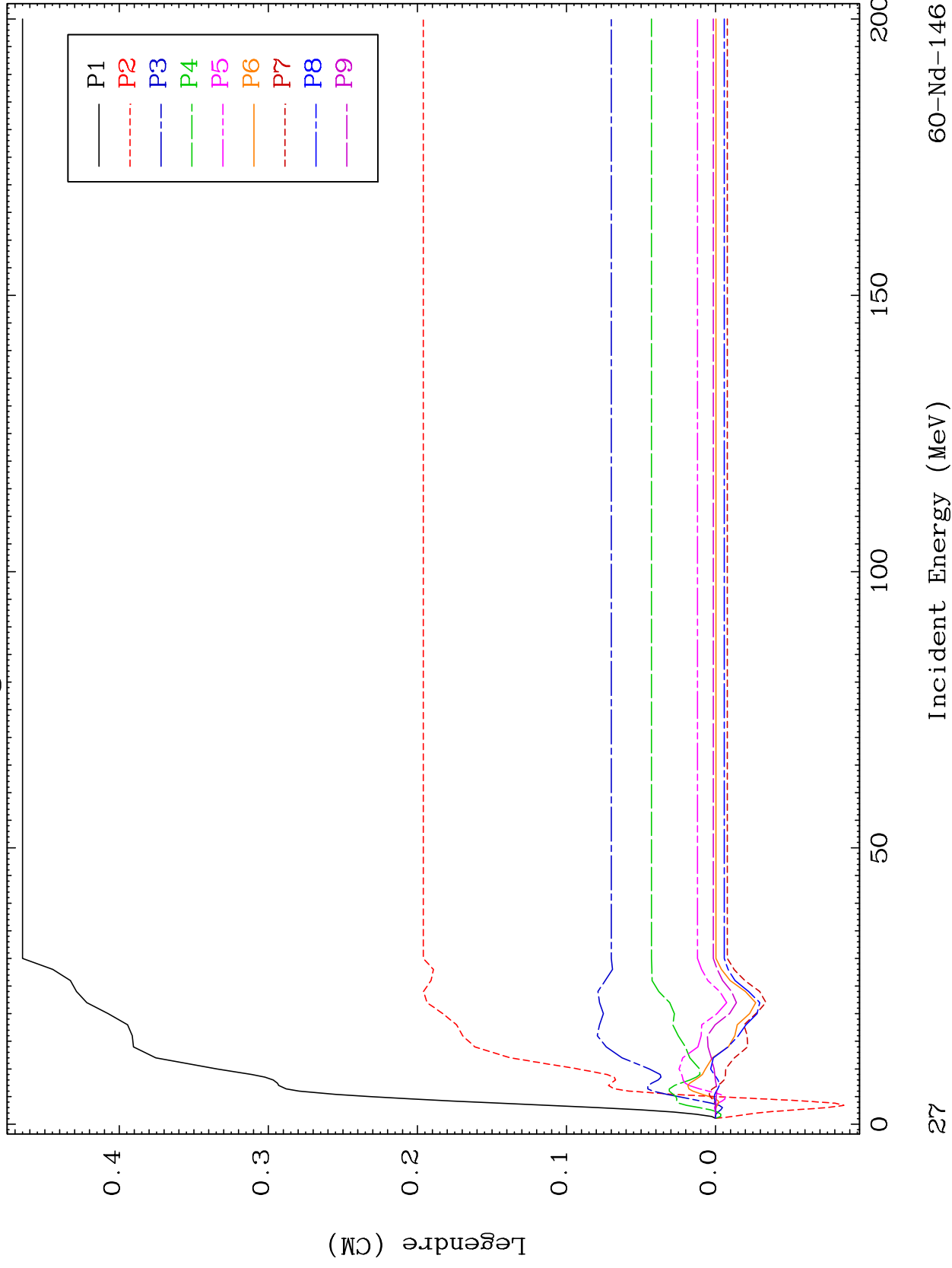




MAT 6037

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

60-Nd-146



60-Nd-146

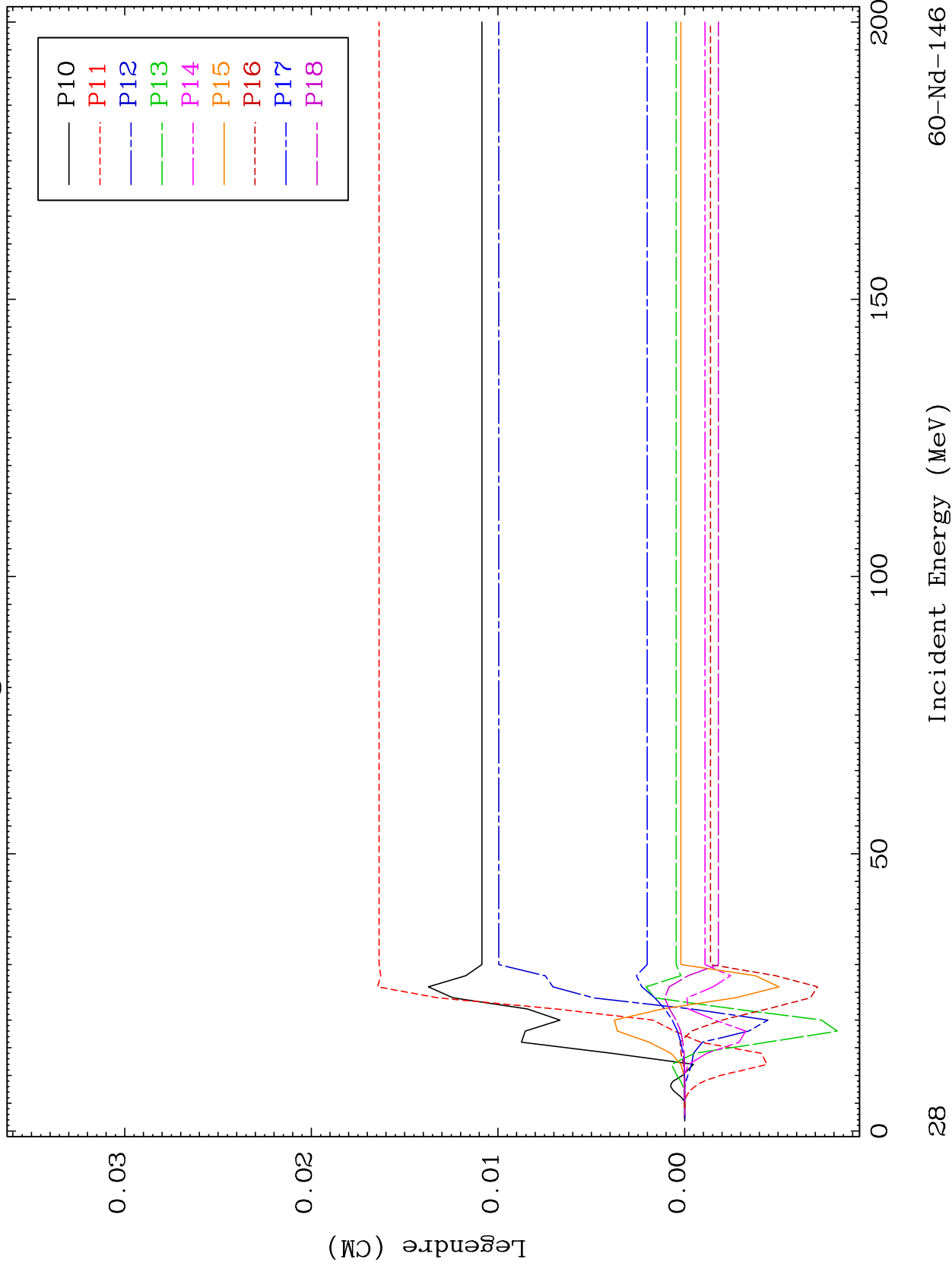
Incident Energy (MeV)

27

MAT 6037

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

60-Nd-146



60-Nd-146

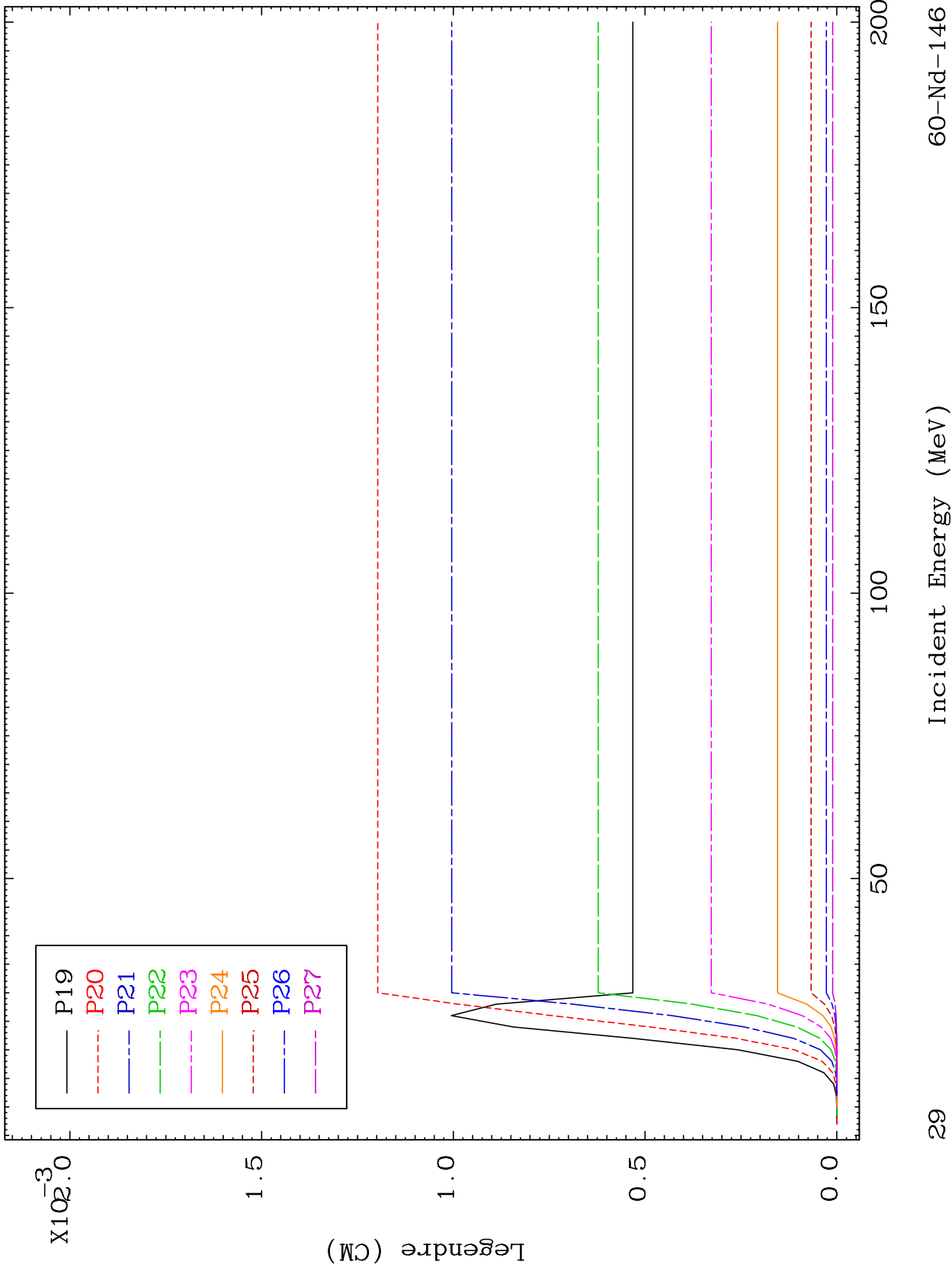
Incident Energy (MeV)

28

MAT 6037

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

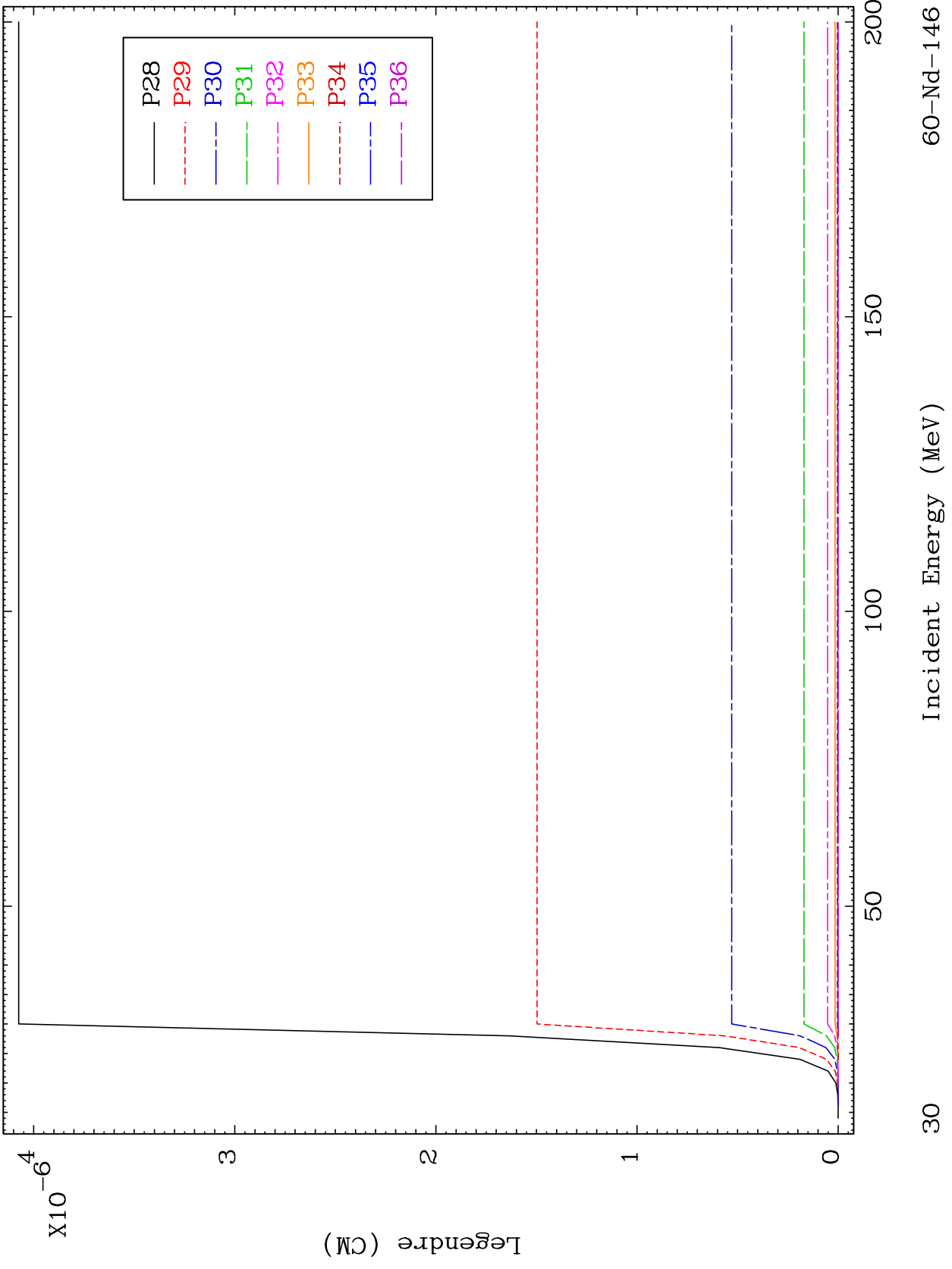
60-Nd-146



MAT 6037

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

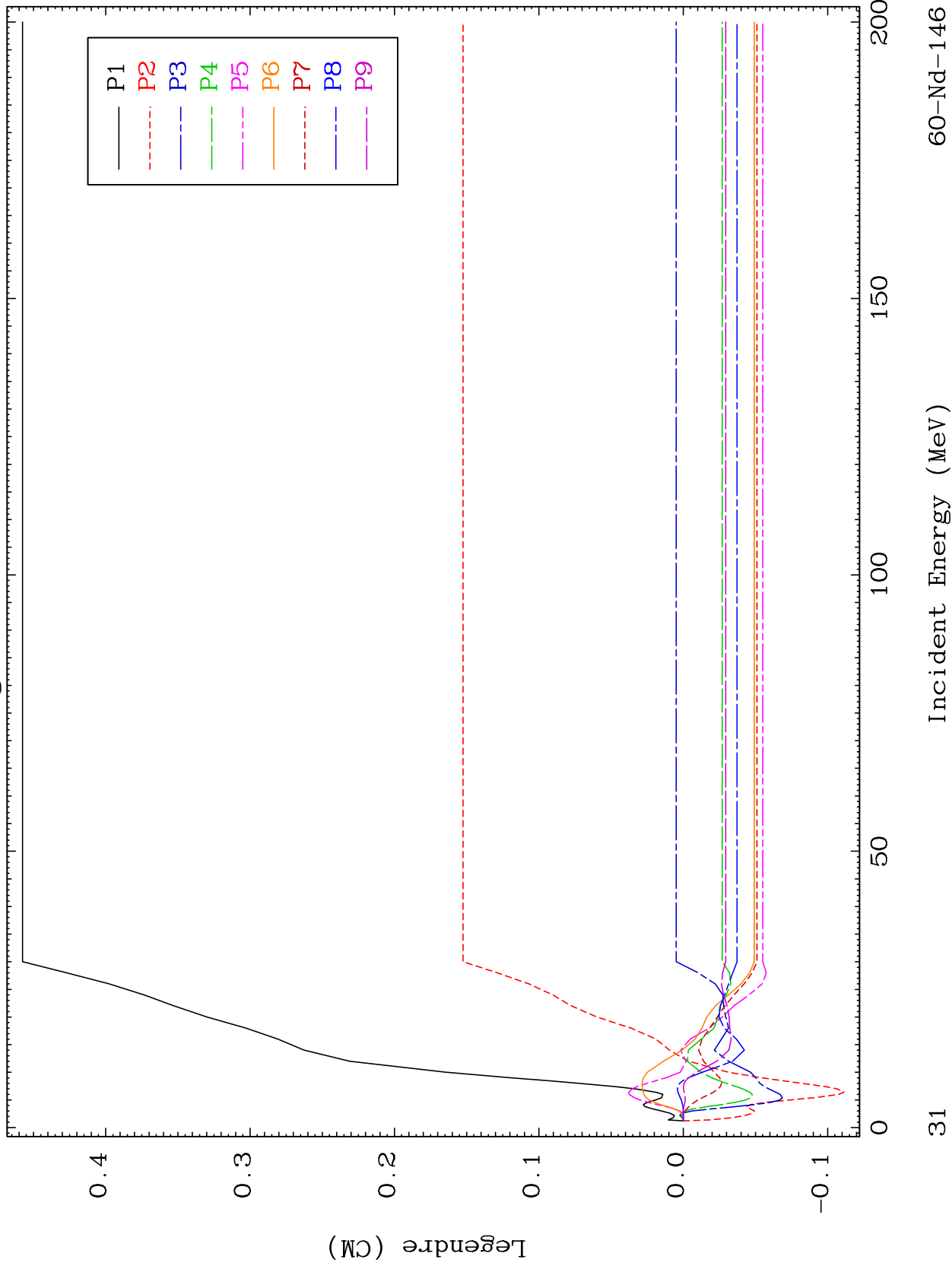
60-Nd-146



MAT 6037

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

60-Nd-146



60-Nd-146

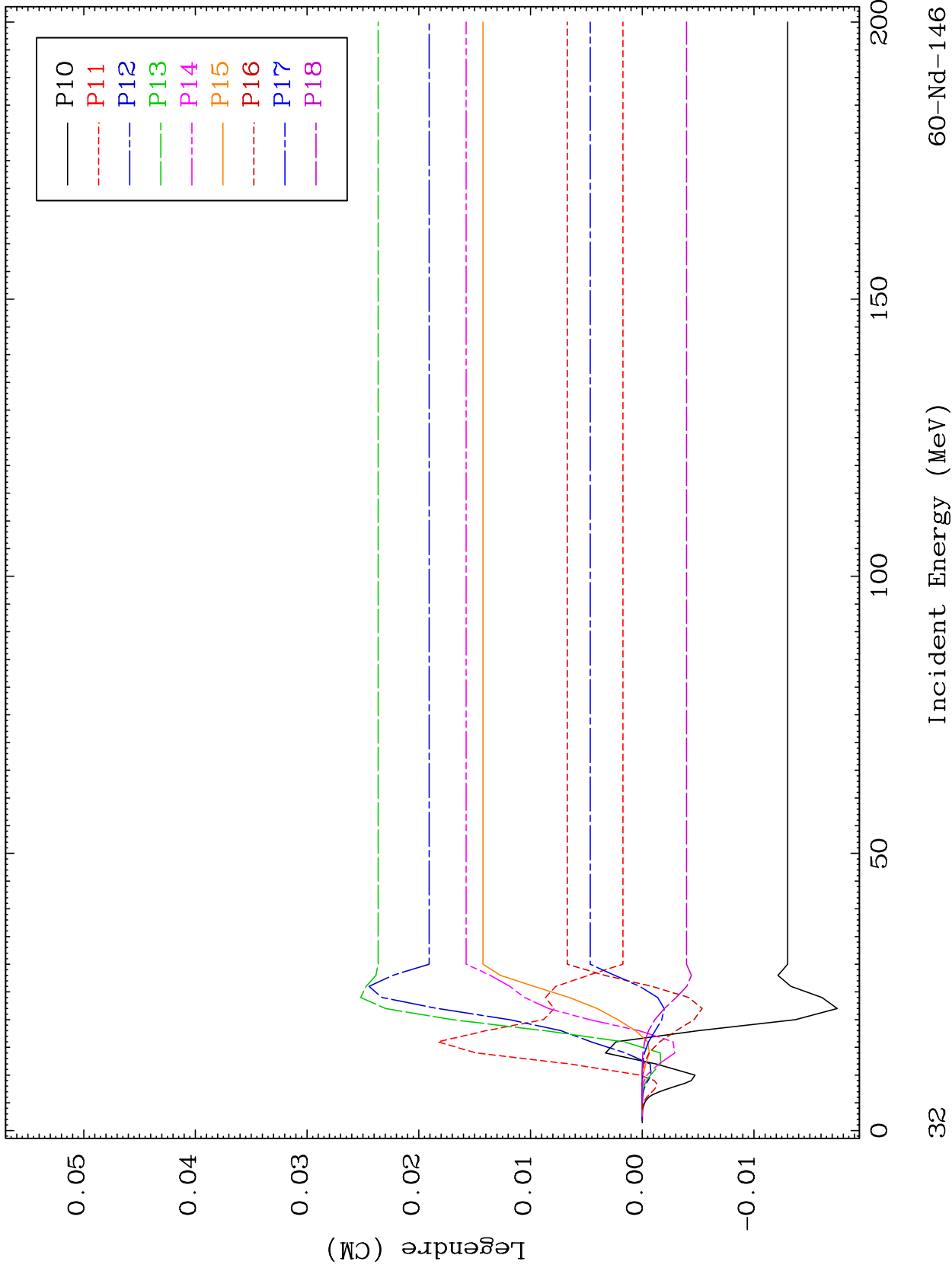
Incident Energy (MeV)

31

MAT 6037

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

60-Nd-146



60-Nd-146

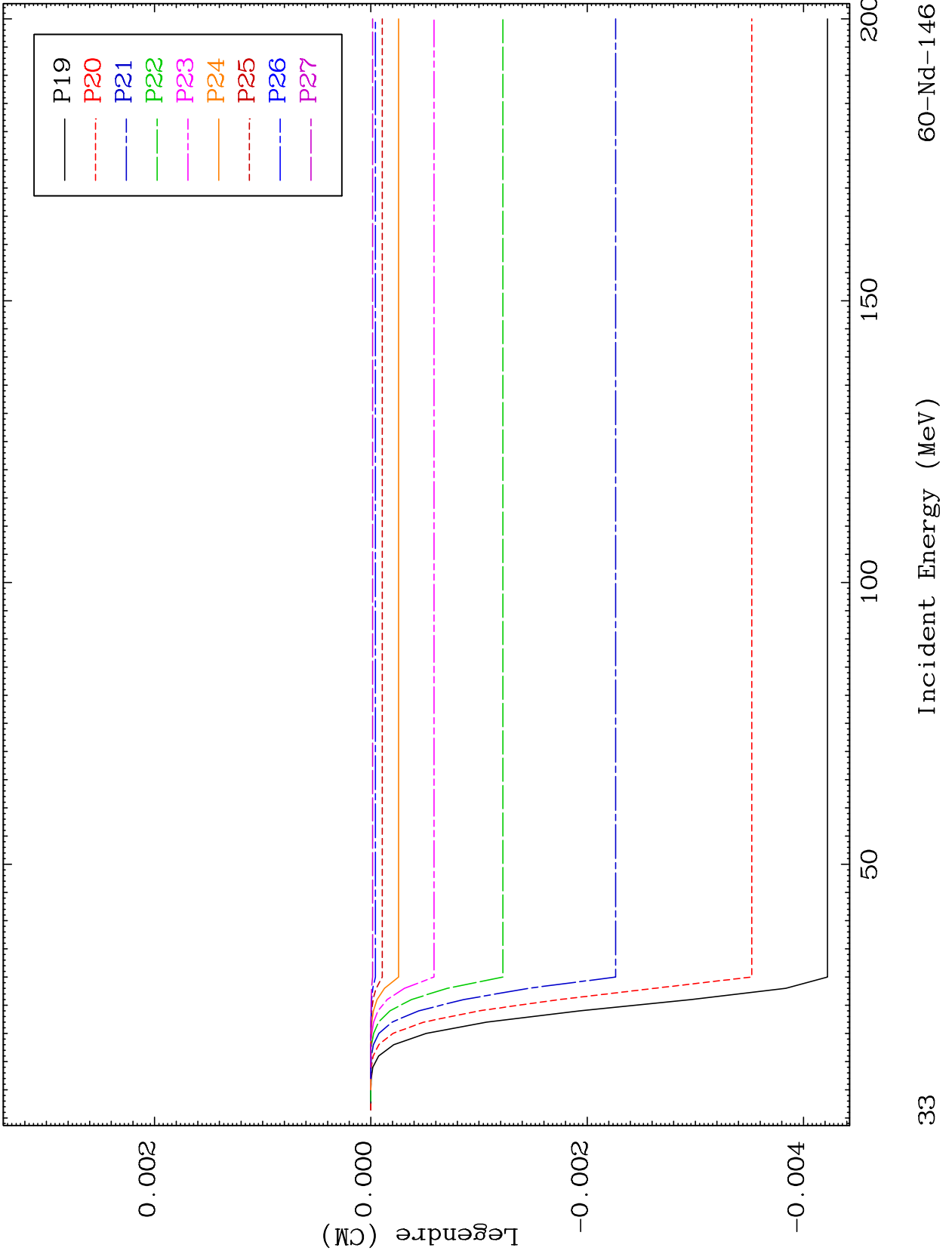
Incident Energy (MeV)

32

MAT 6037

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

60-Nd-146



33

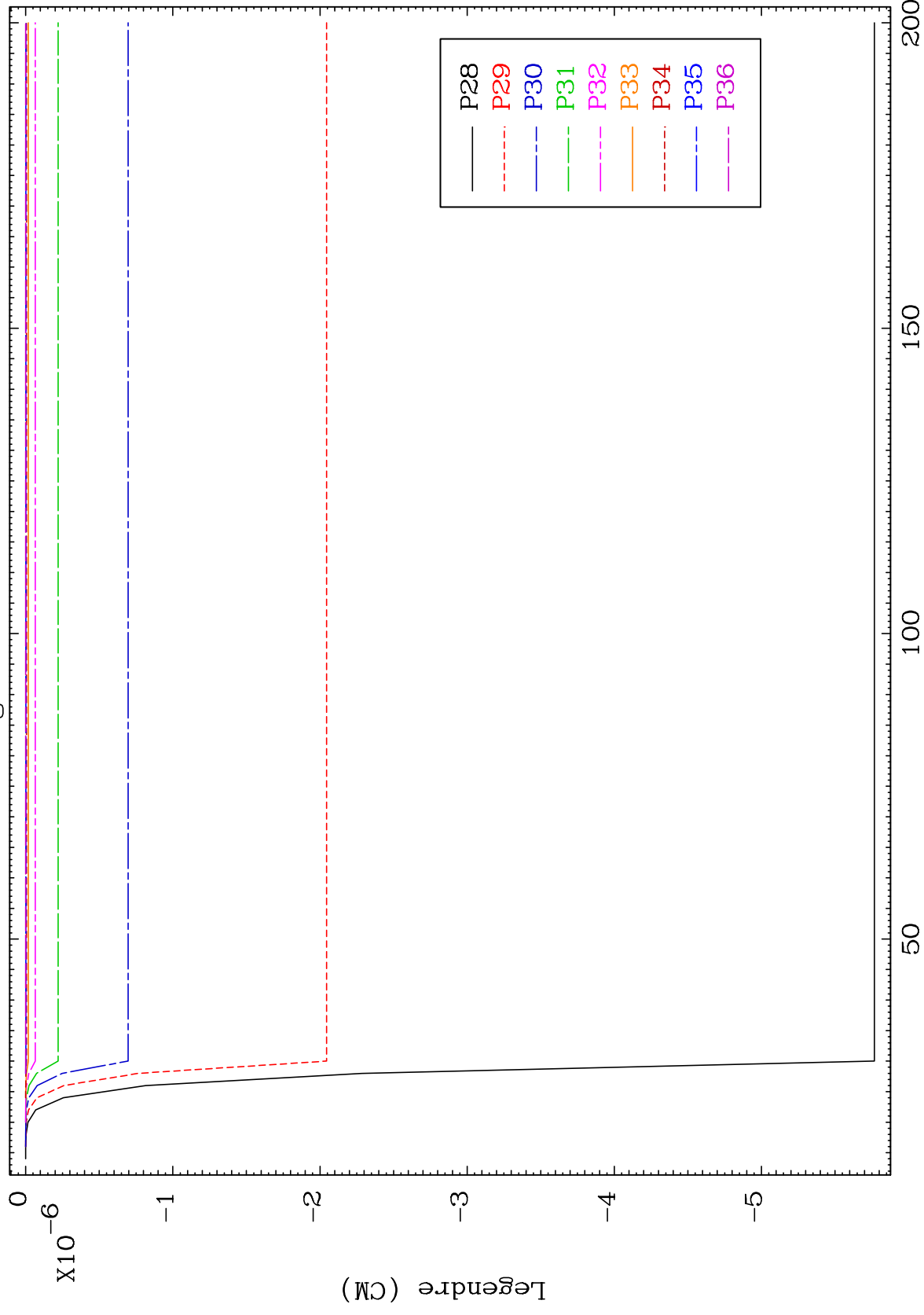
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



34

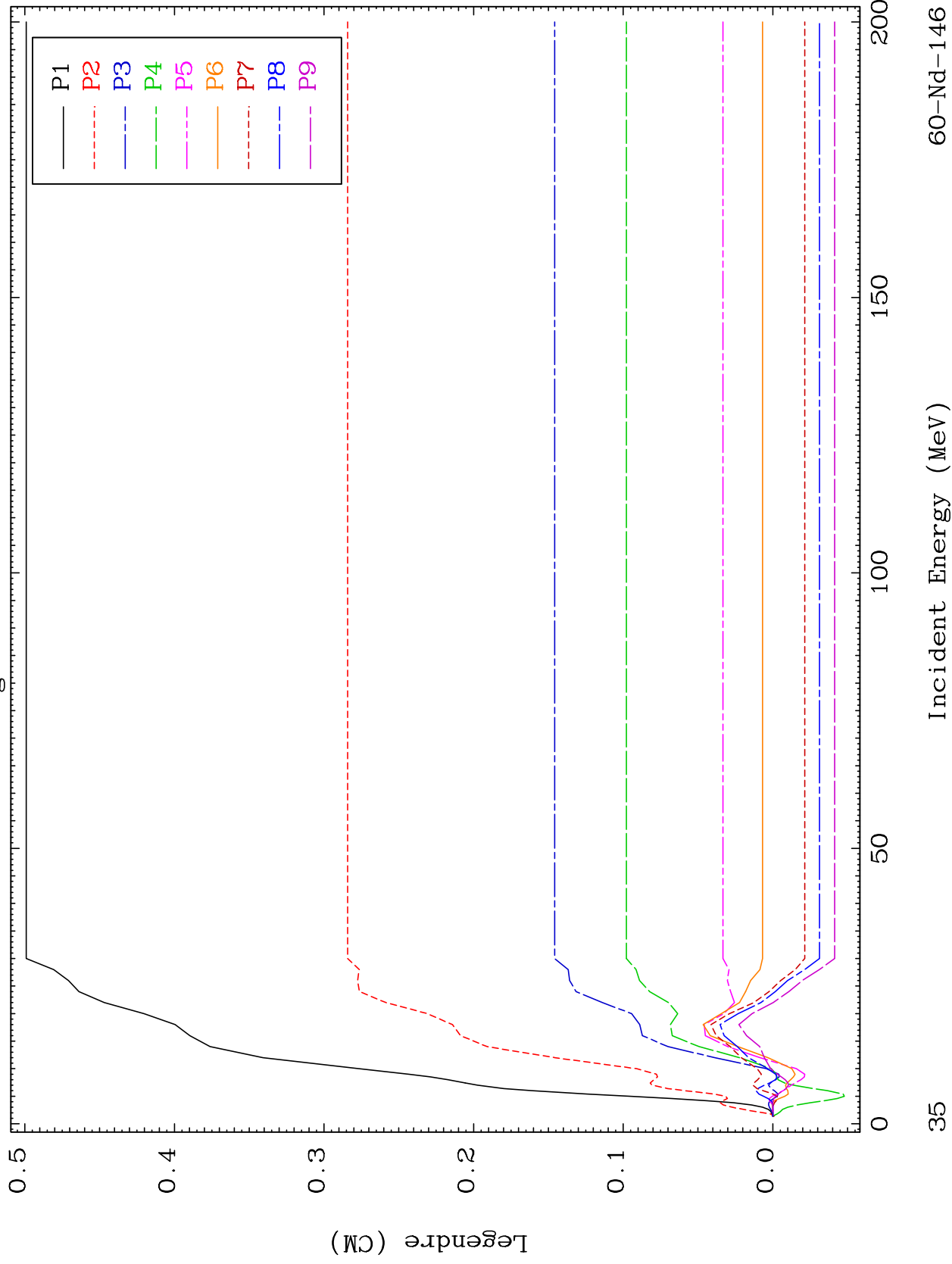
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

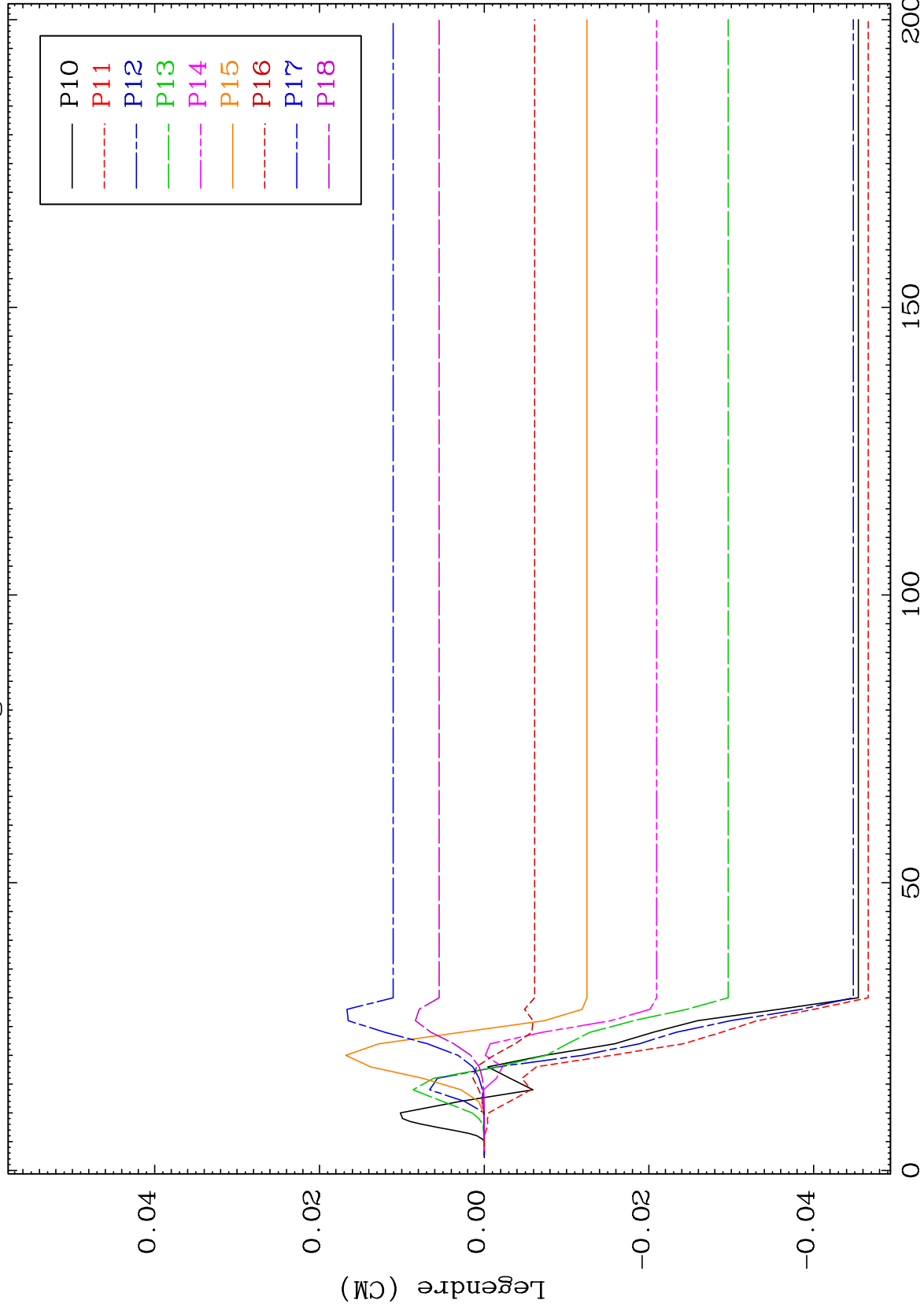
Incident Energy (MeV)

35

MAT 6037

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

60-Nd-146



36

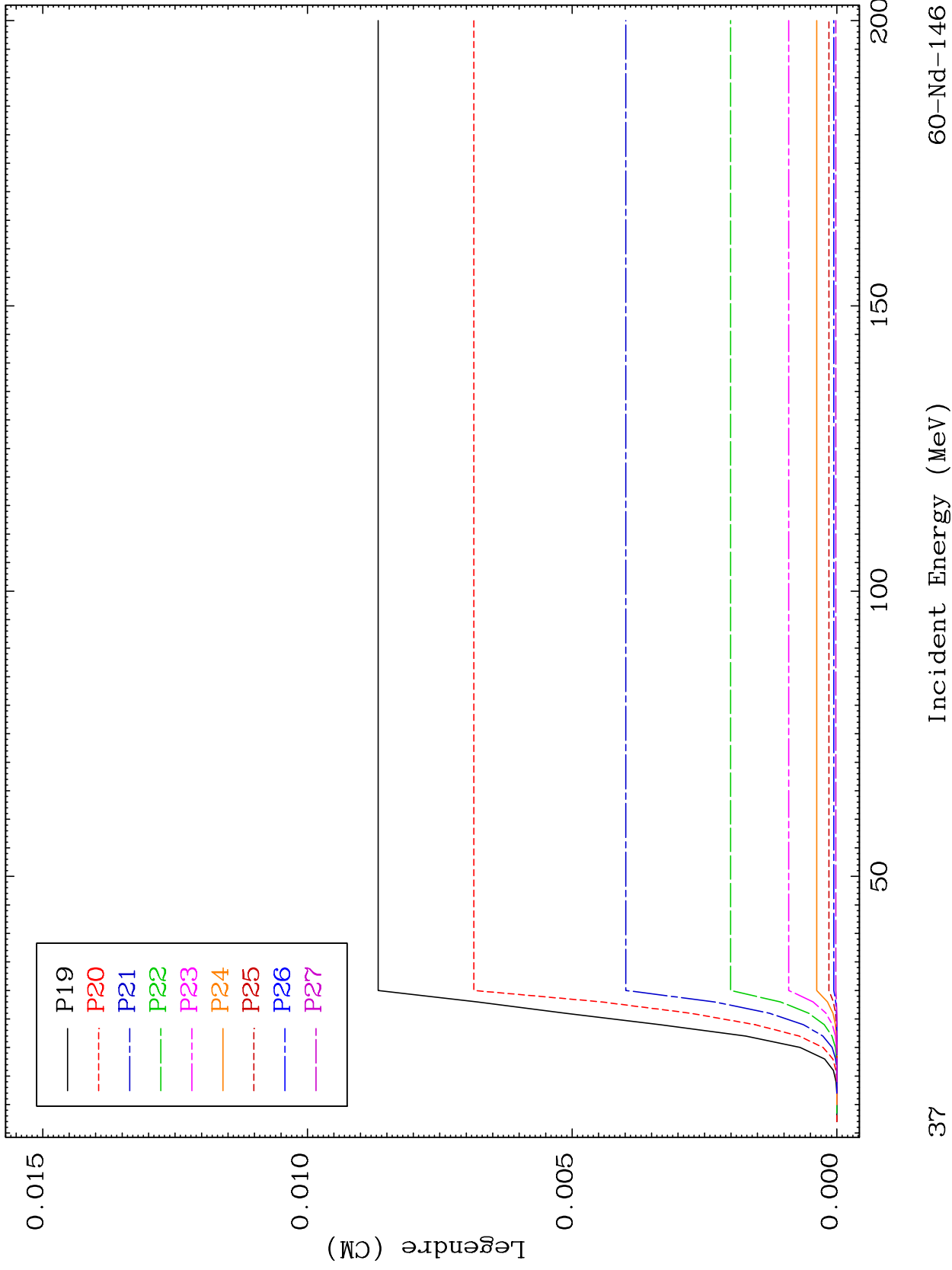
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



37

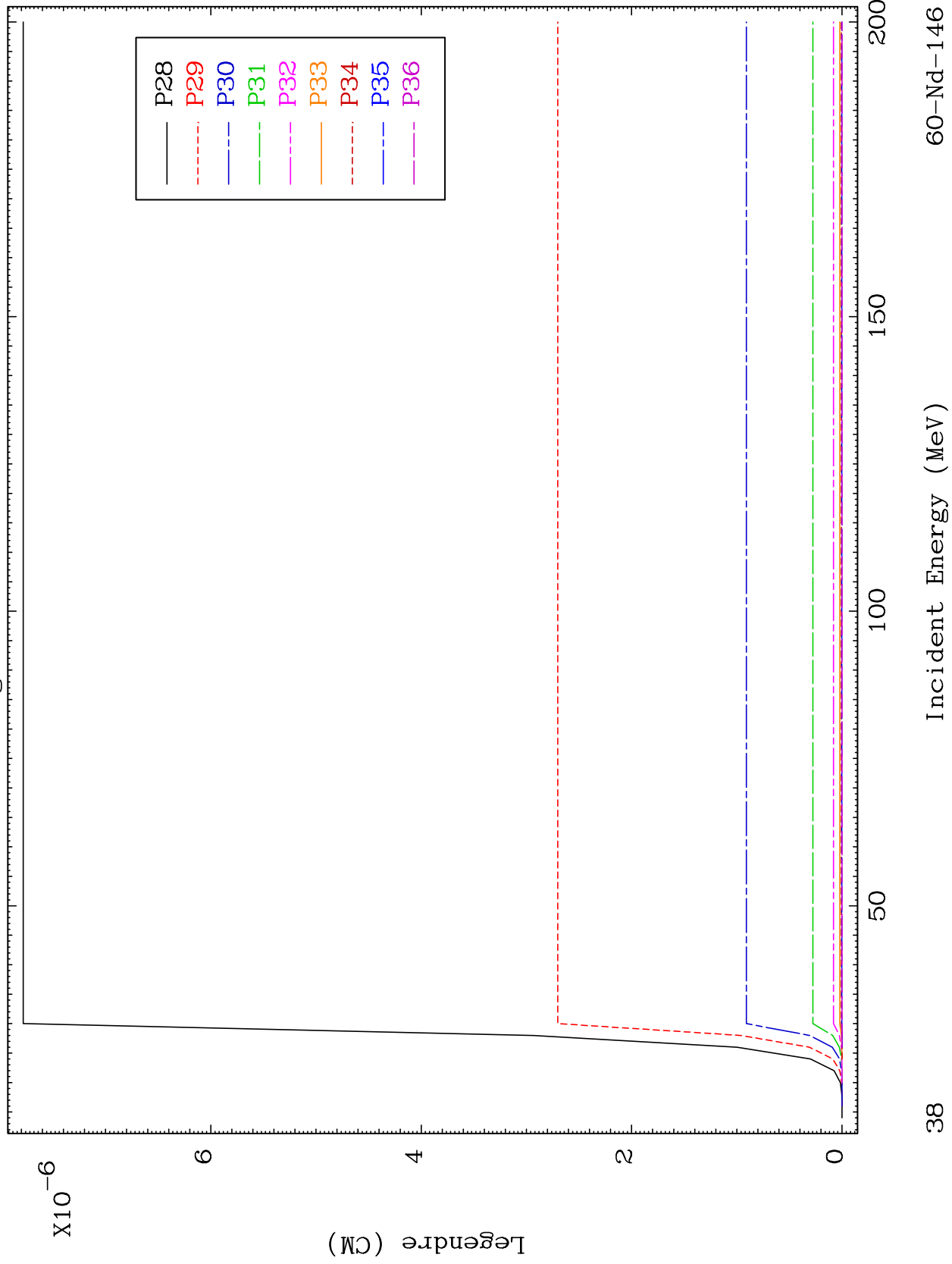
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



38

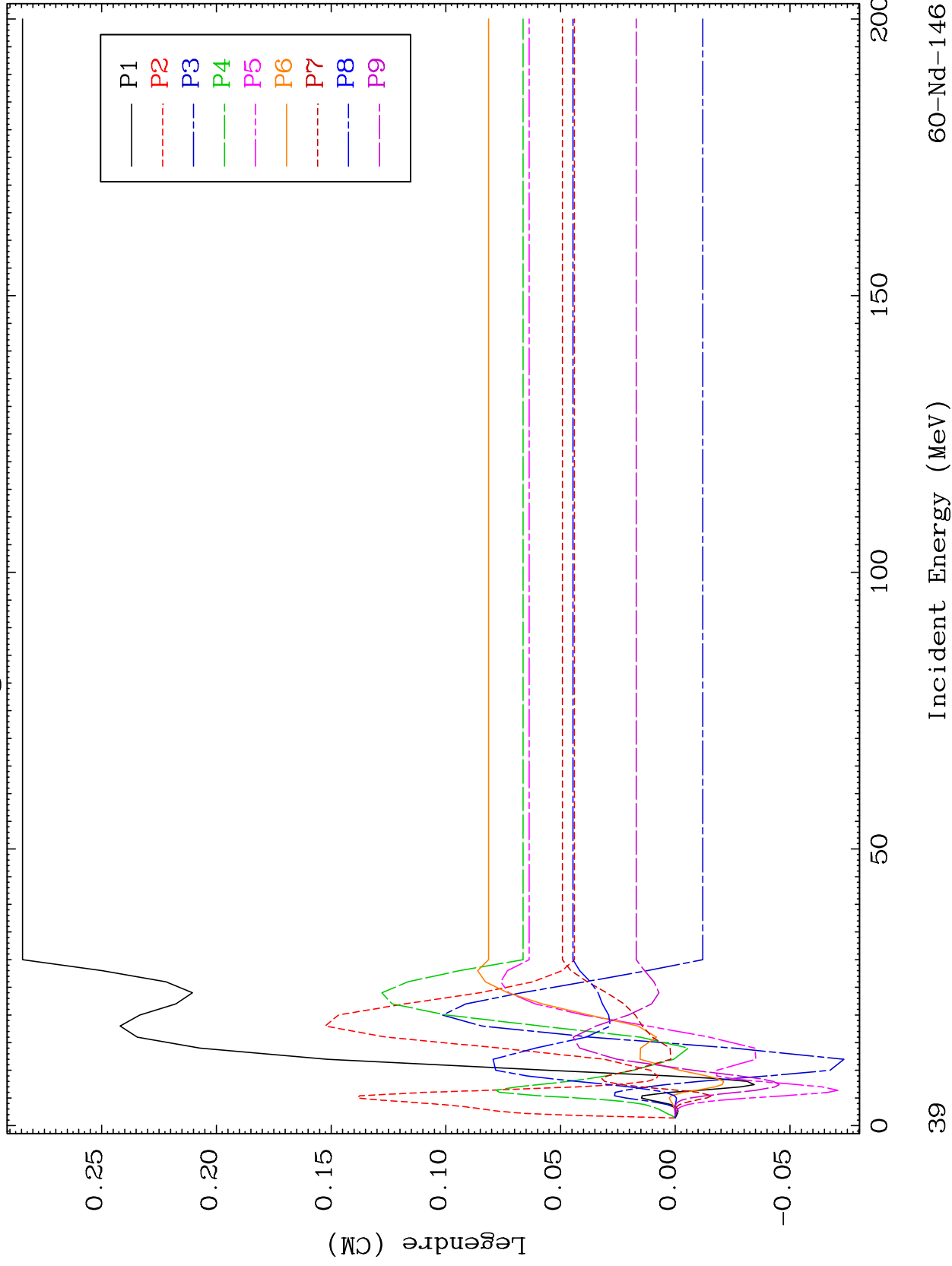
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

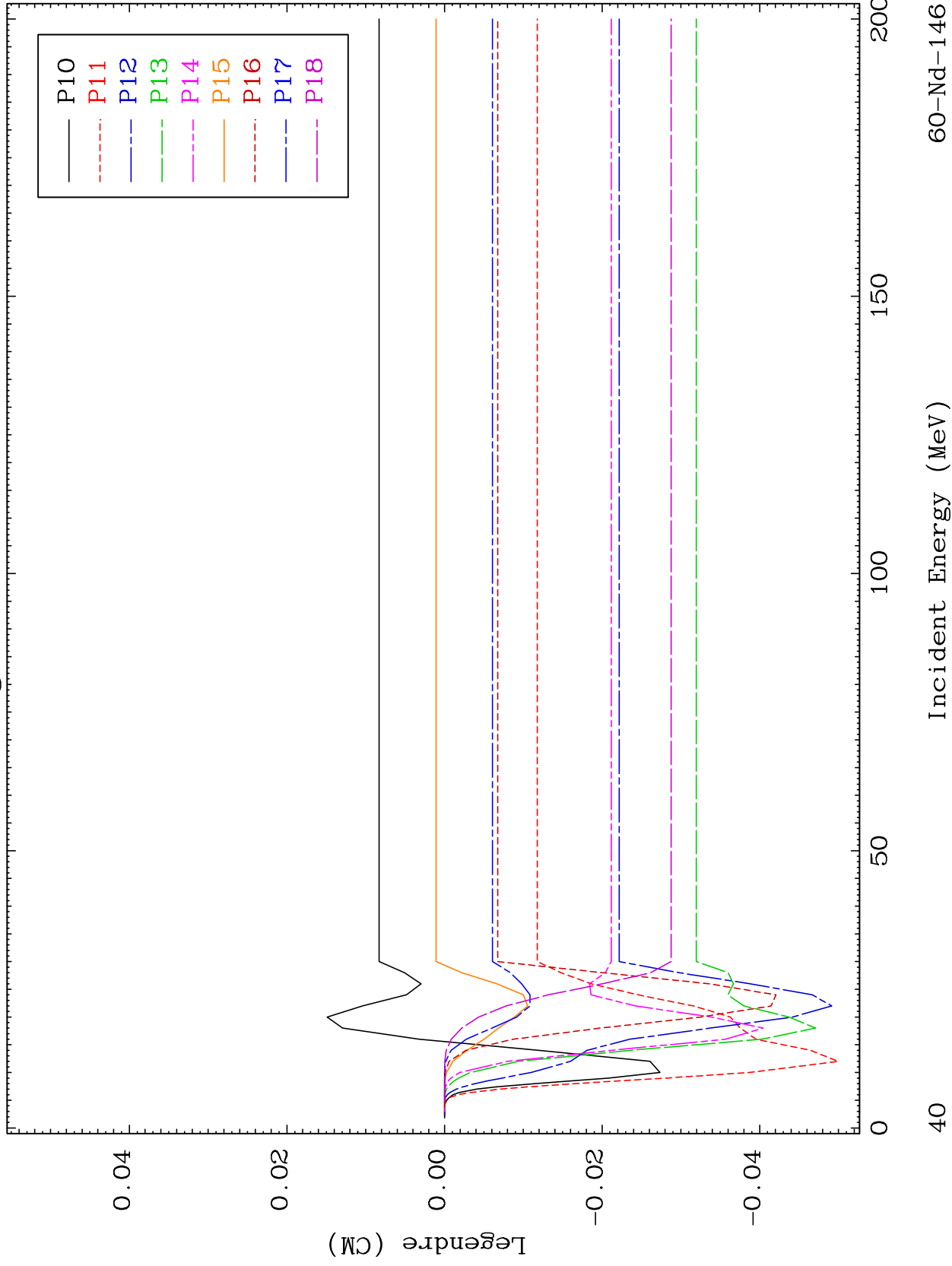
Incident Energy (MeV)

39

MAT 6037

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

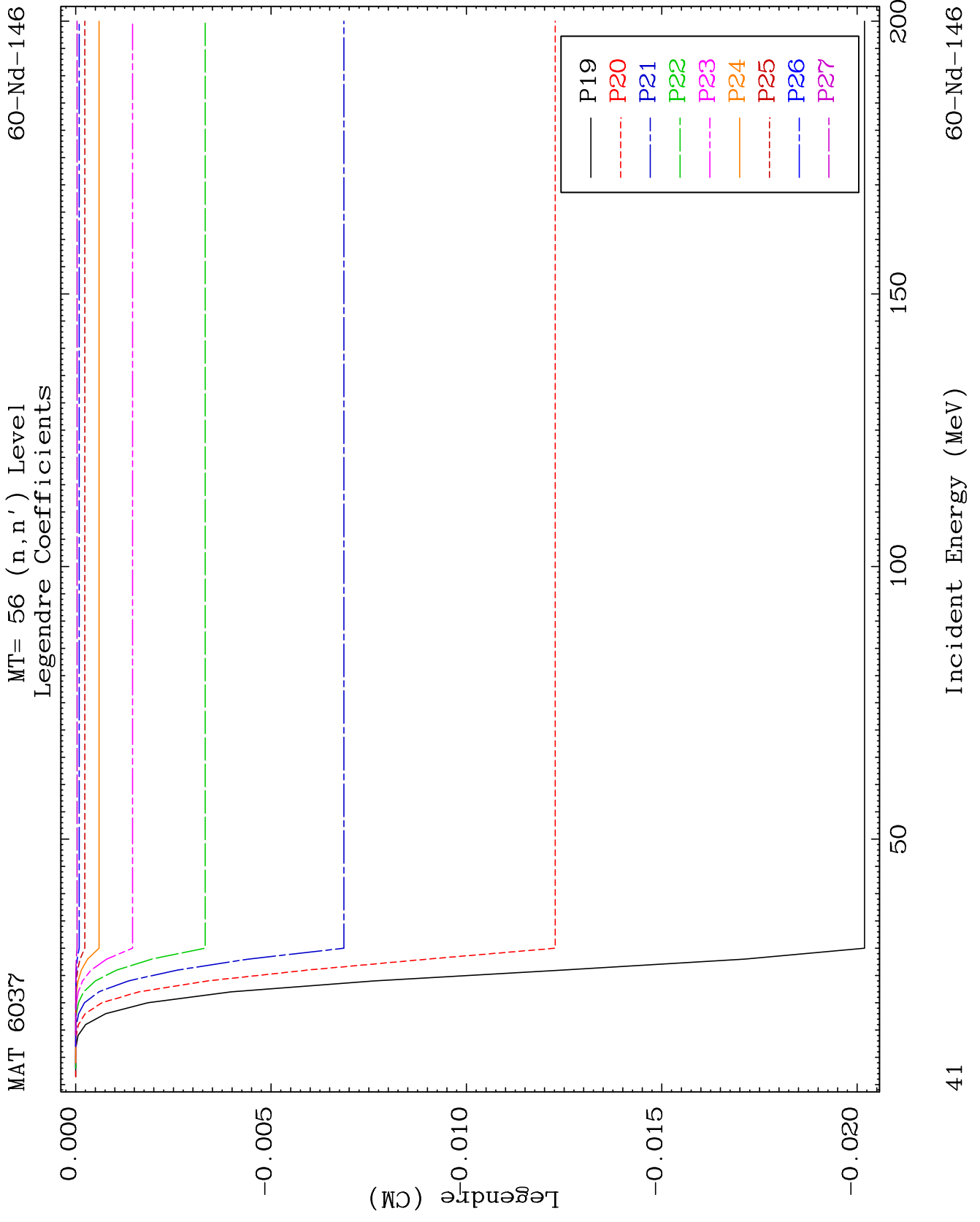
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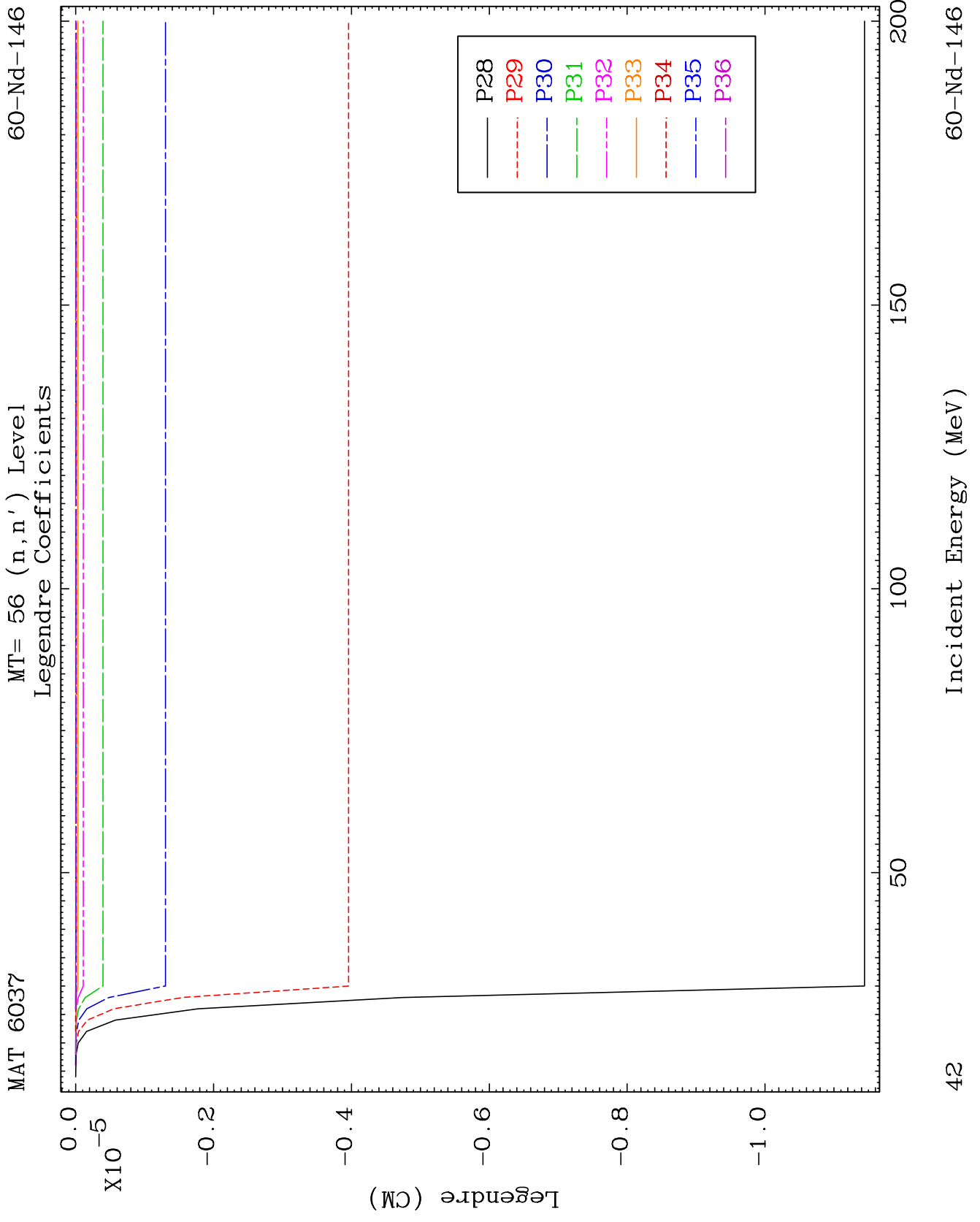


60-Nd-146

Incident Energy (MeV)

40

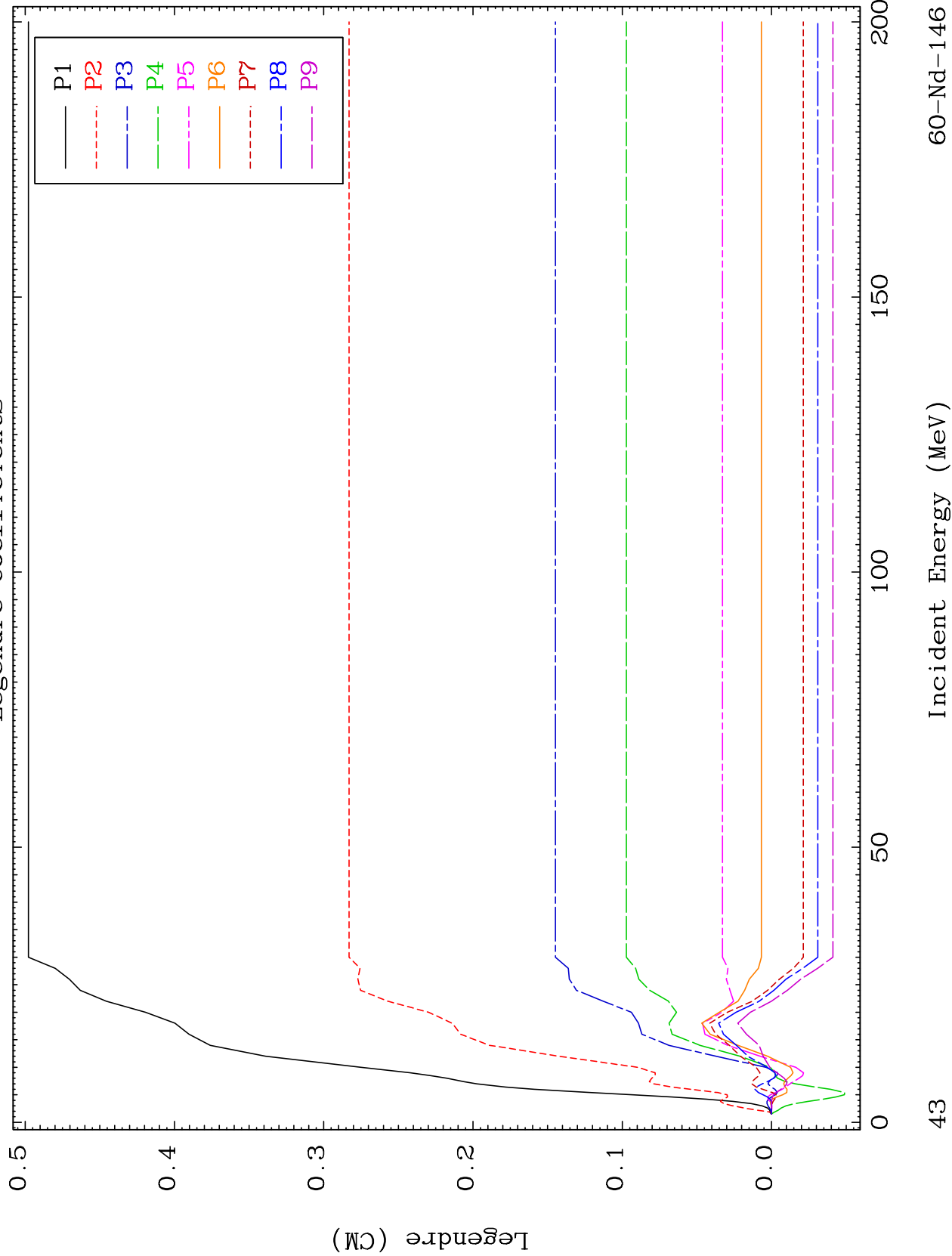




MAT 6037

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

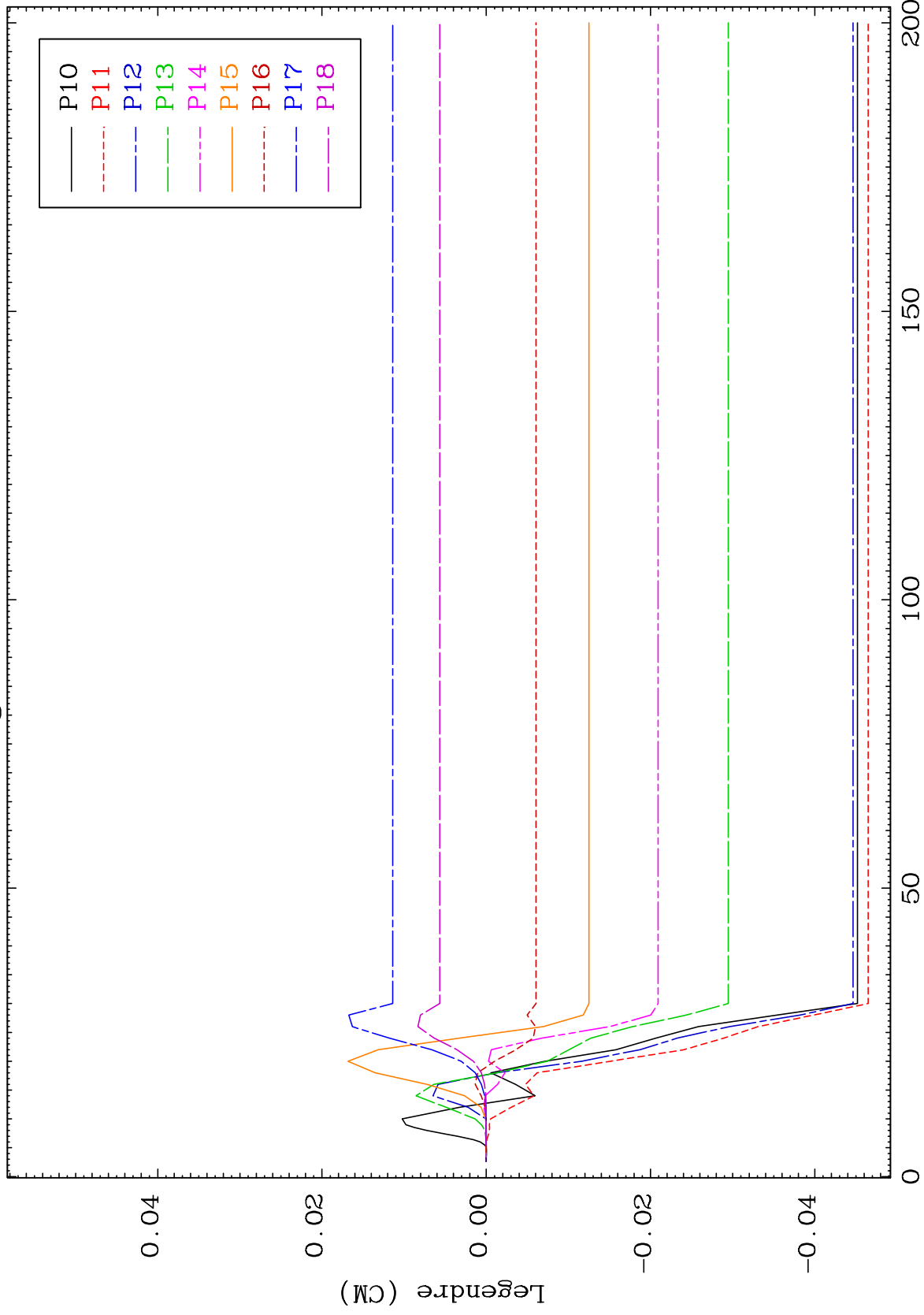
60-Nd-146



MAT 6037

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

60-Nd-146



44

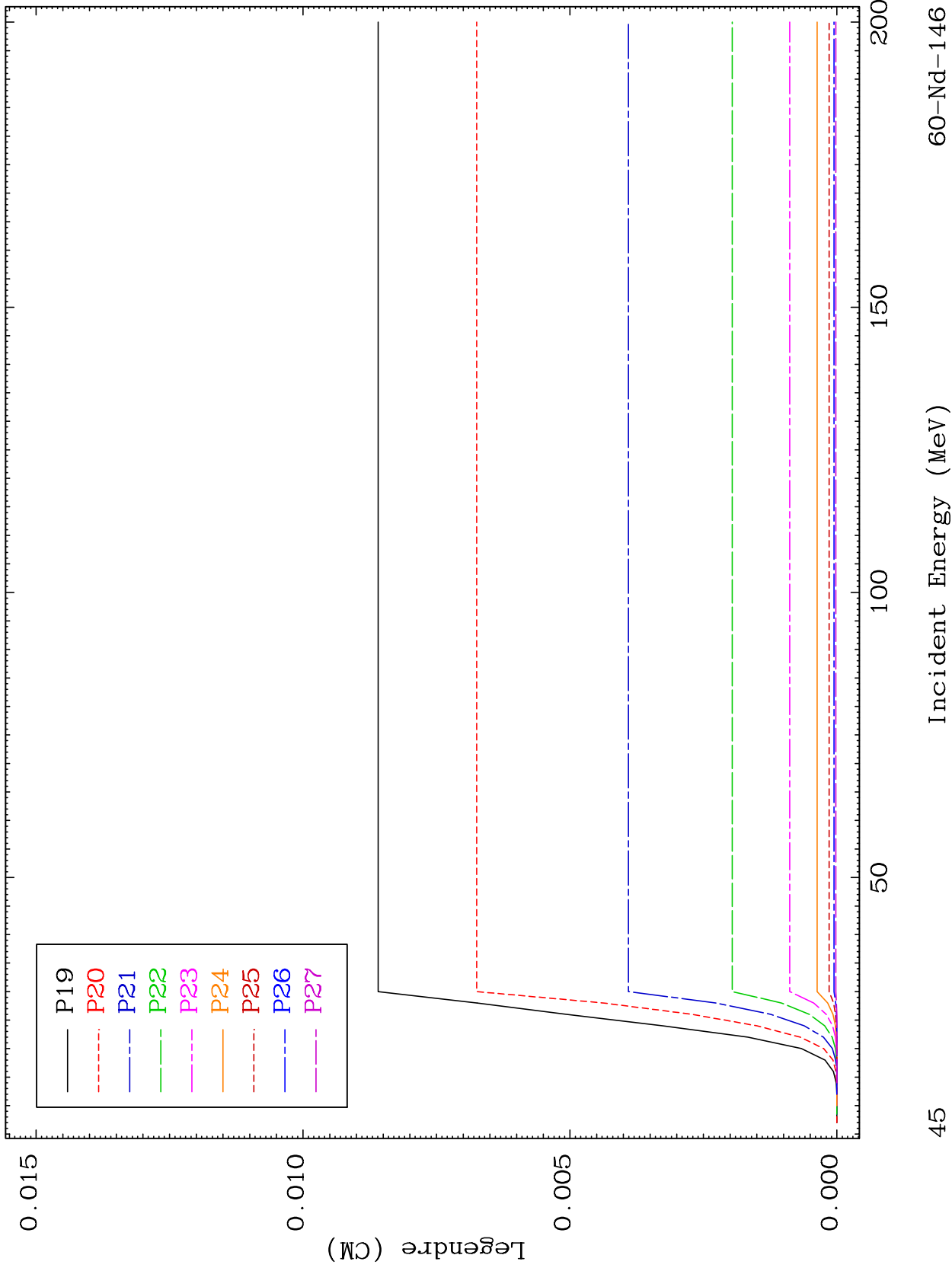
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



45

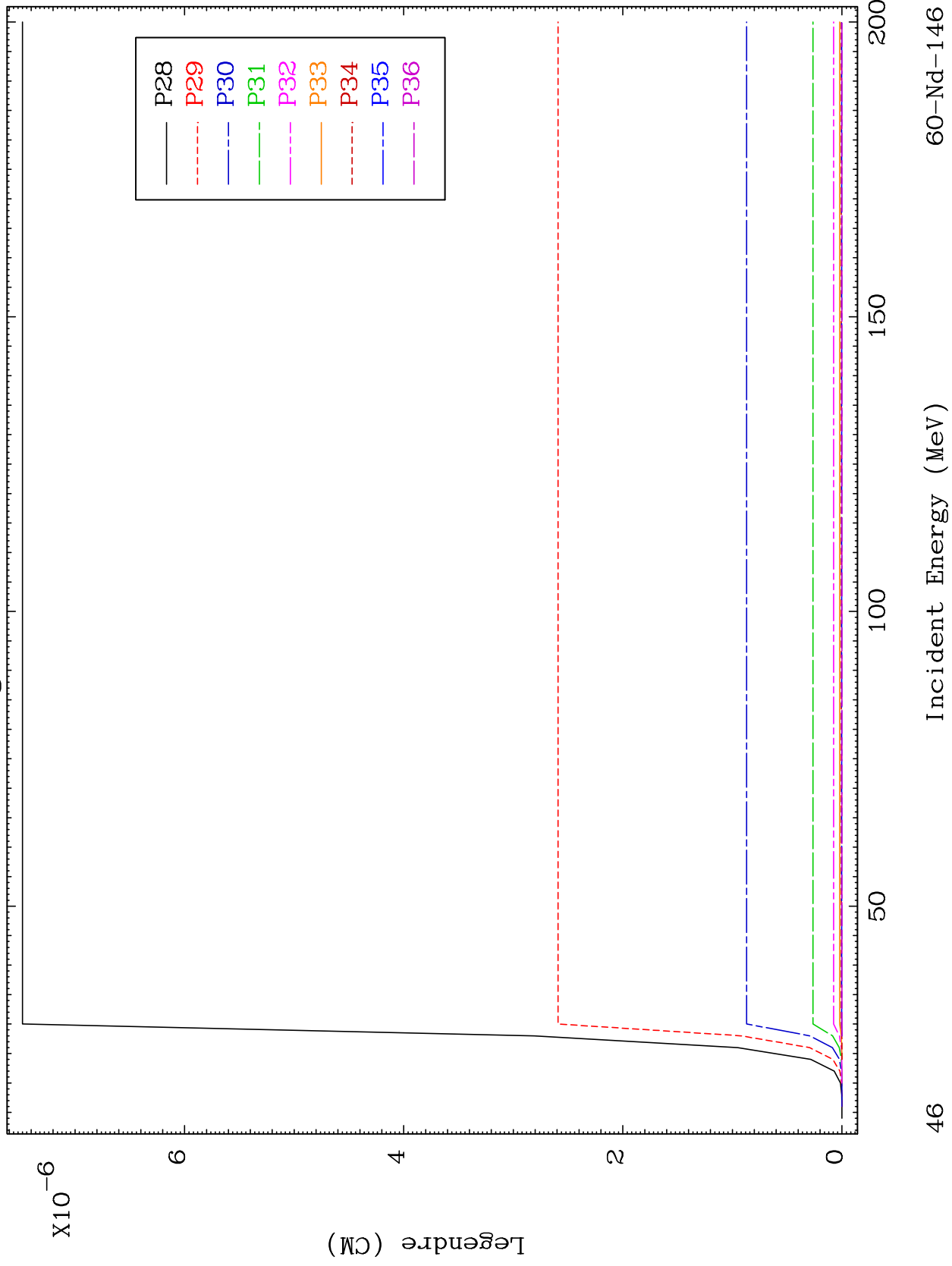
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

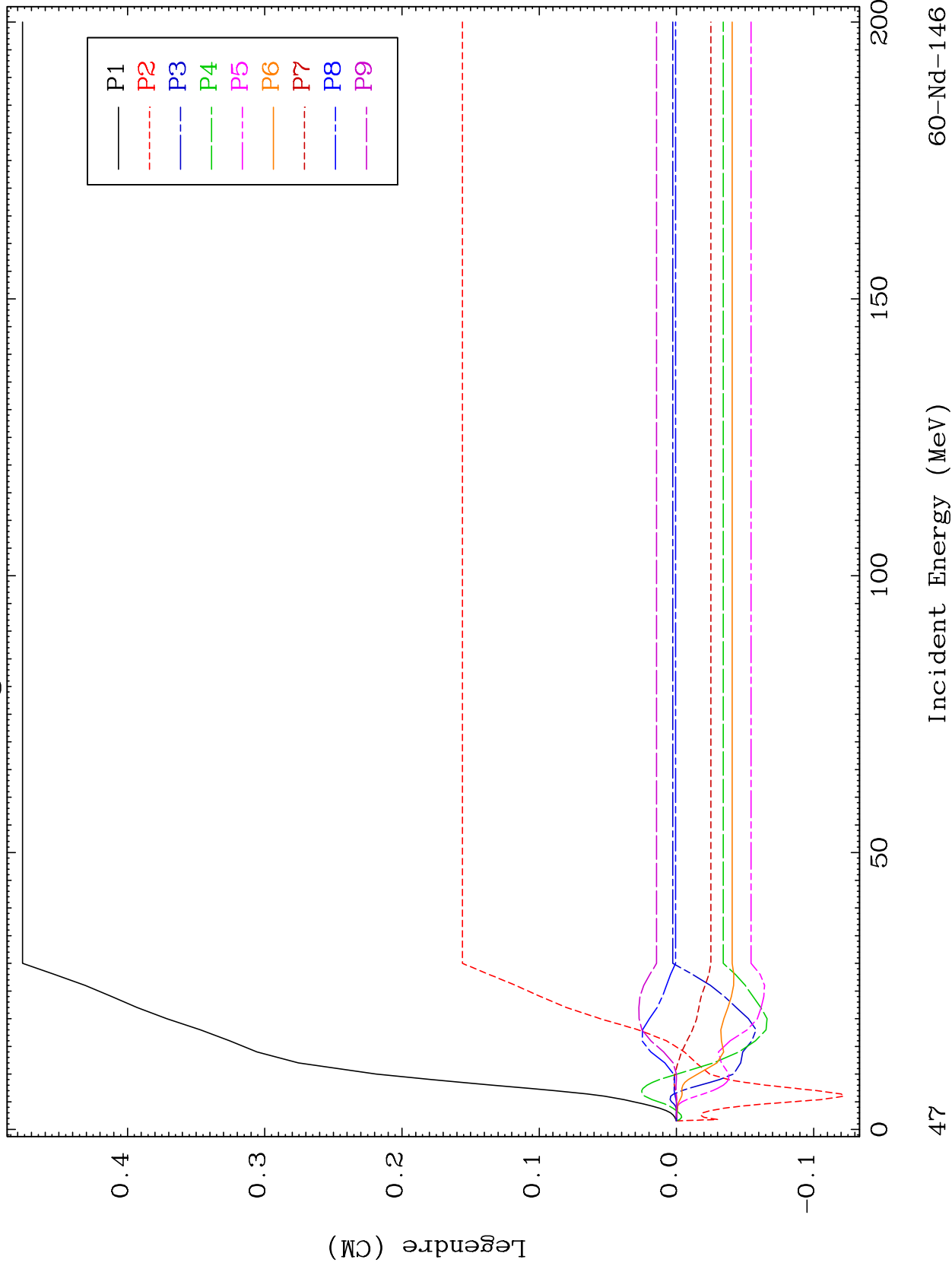
60-Nd-146



MAT 6037

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

60-Nd-146



60-Nd-146

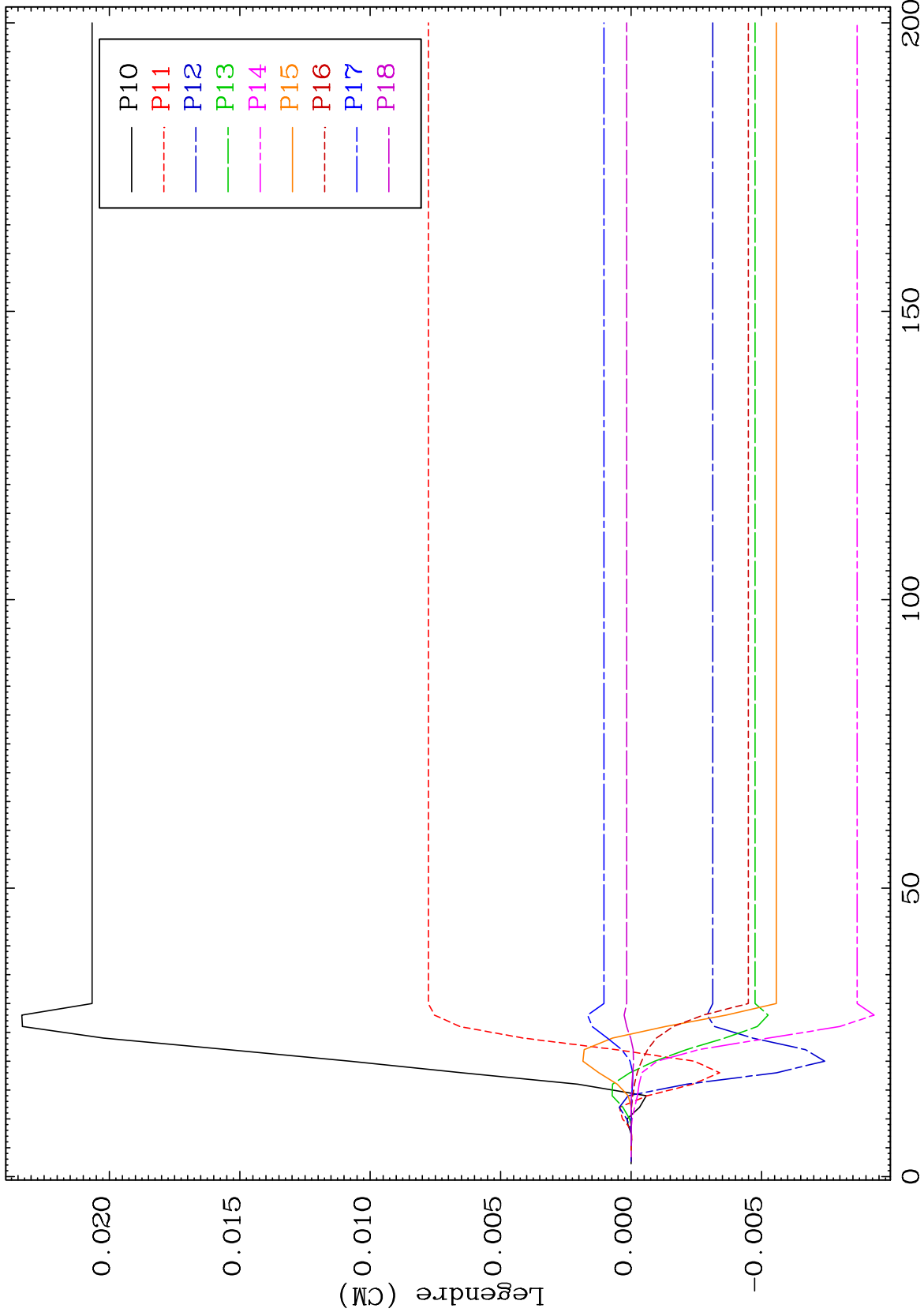
Incident Energy (MeV)

47

MAT 6037

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

60-Nd-146



60-Nd-146

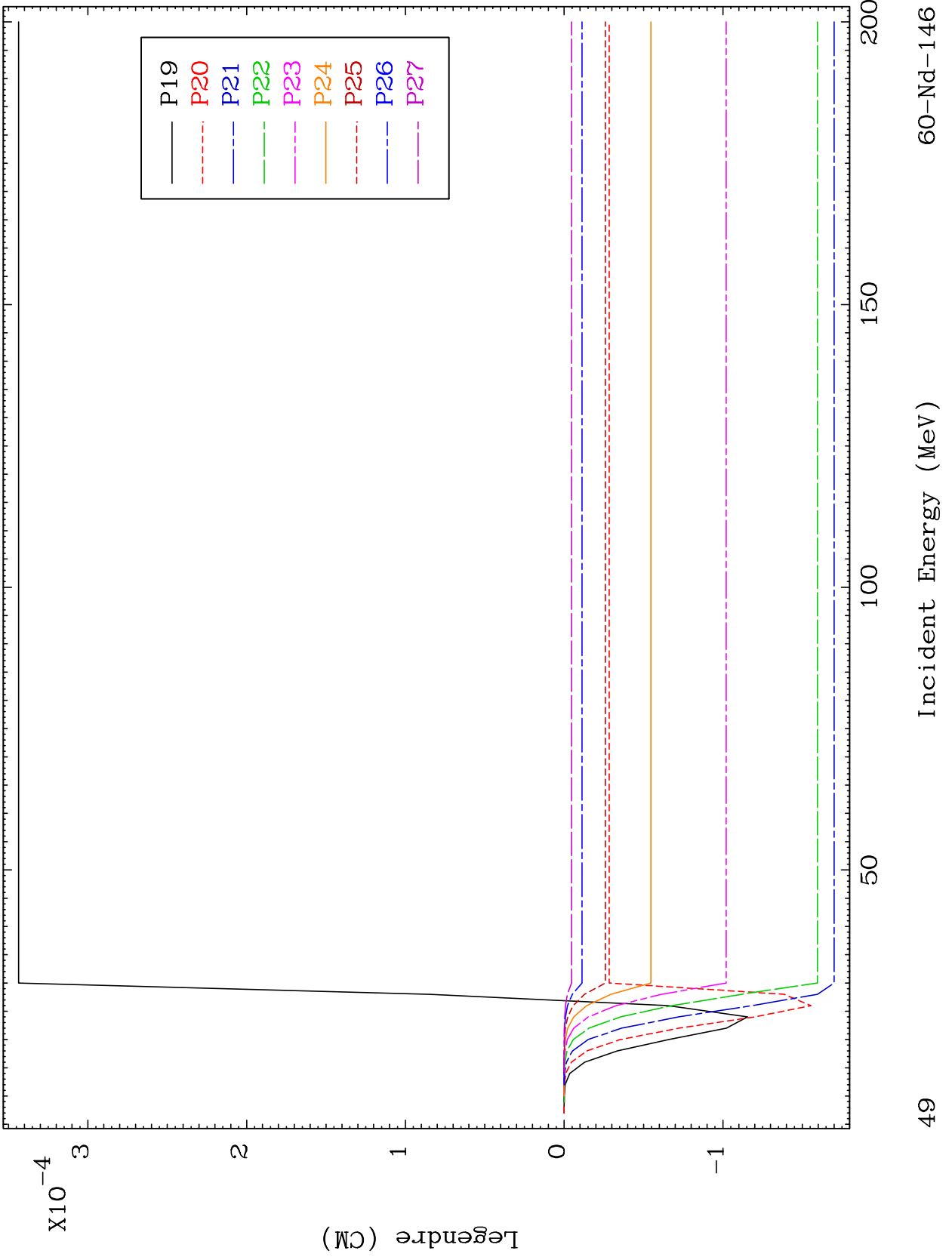
Incident Energy (MeV)

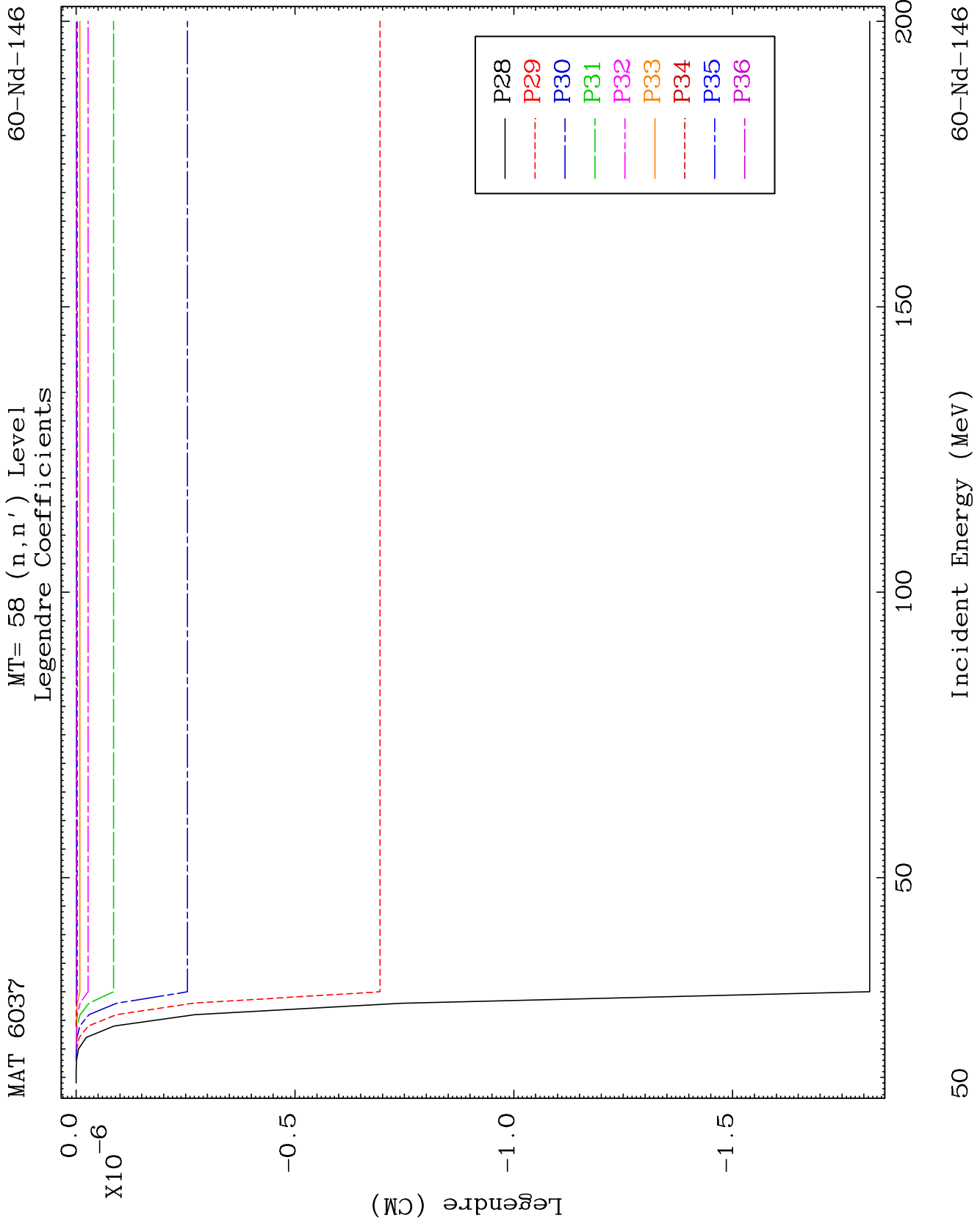
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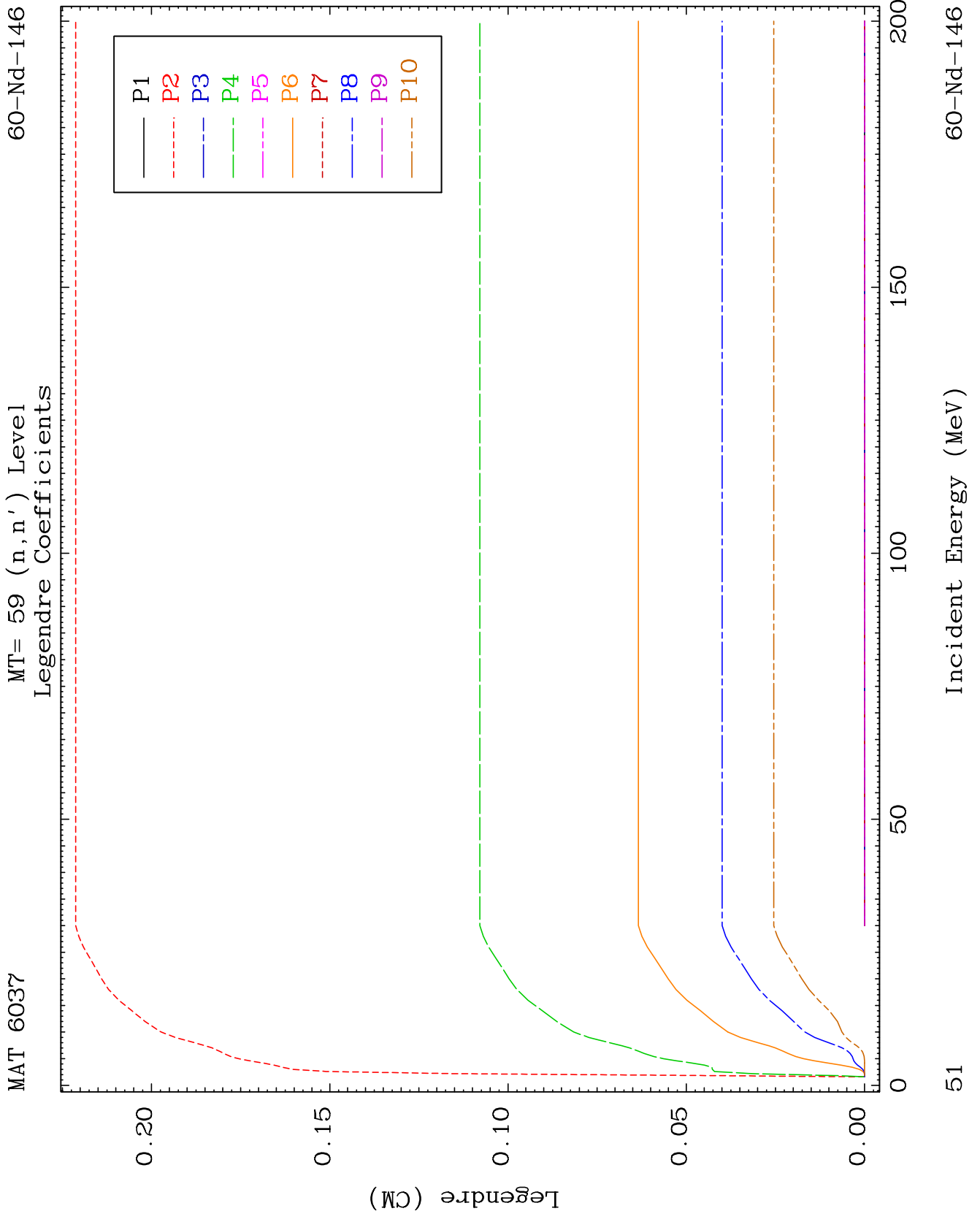
MAT 6037

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

60-Nd-146





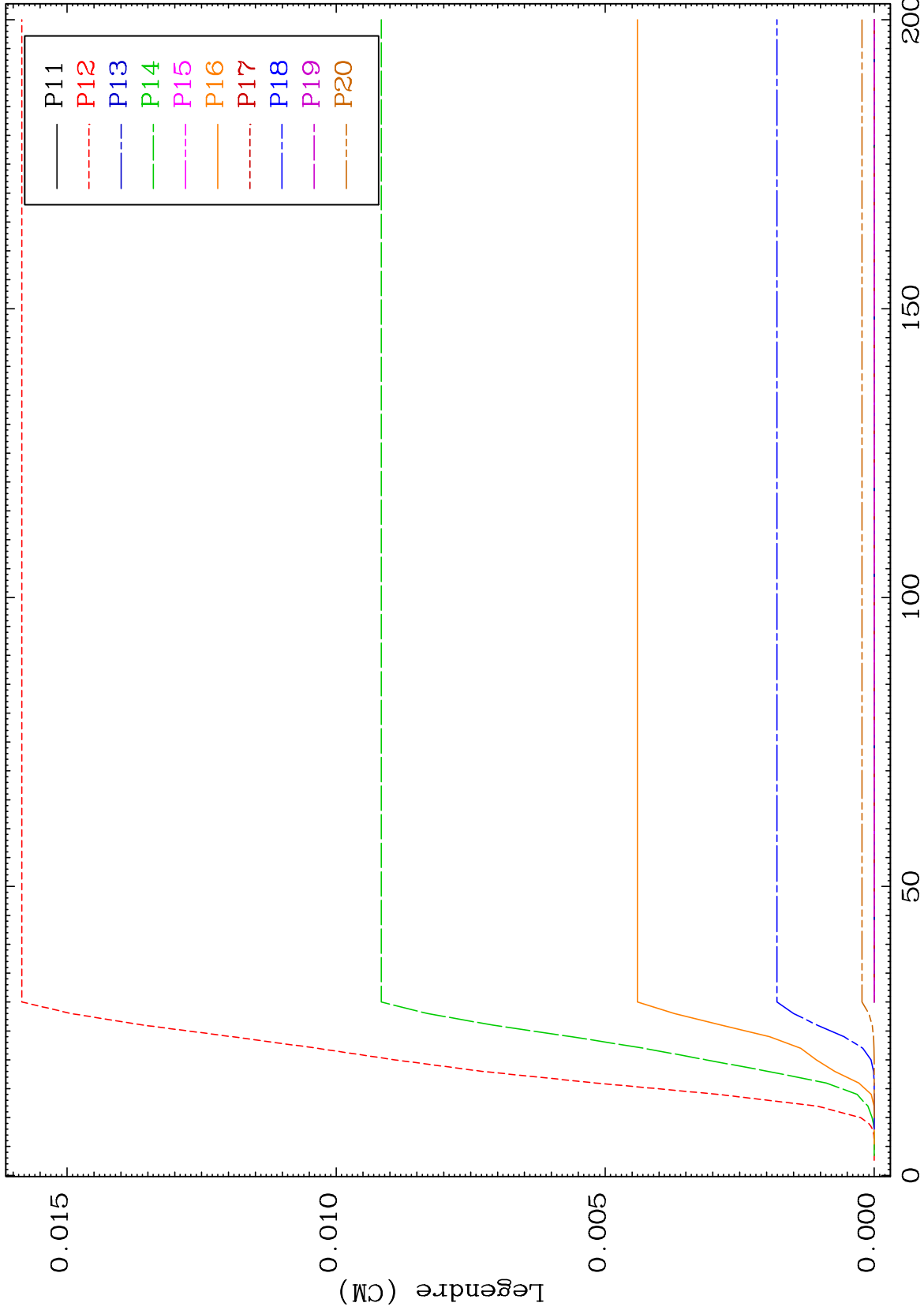


MAT 6037

MT= 59 (n,n') Level

60-Nd-146

Legendre Coefficients



52

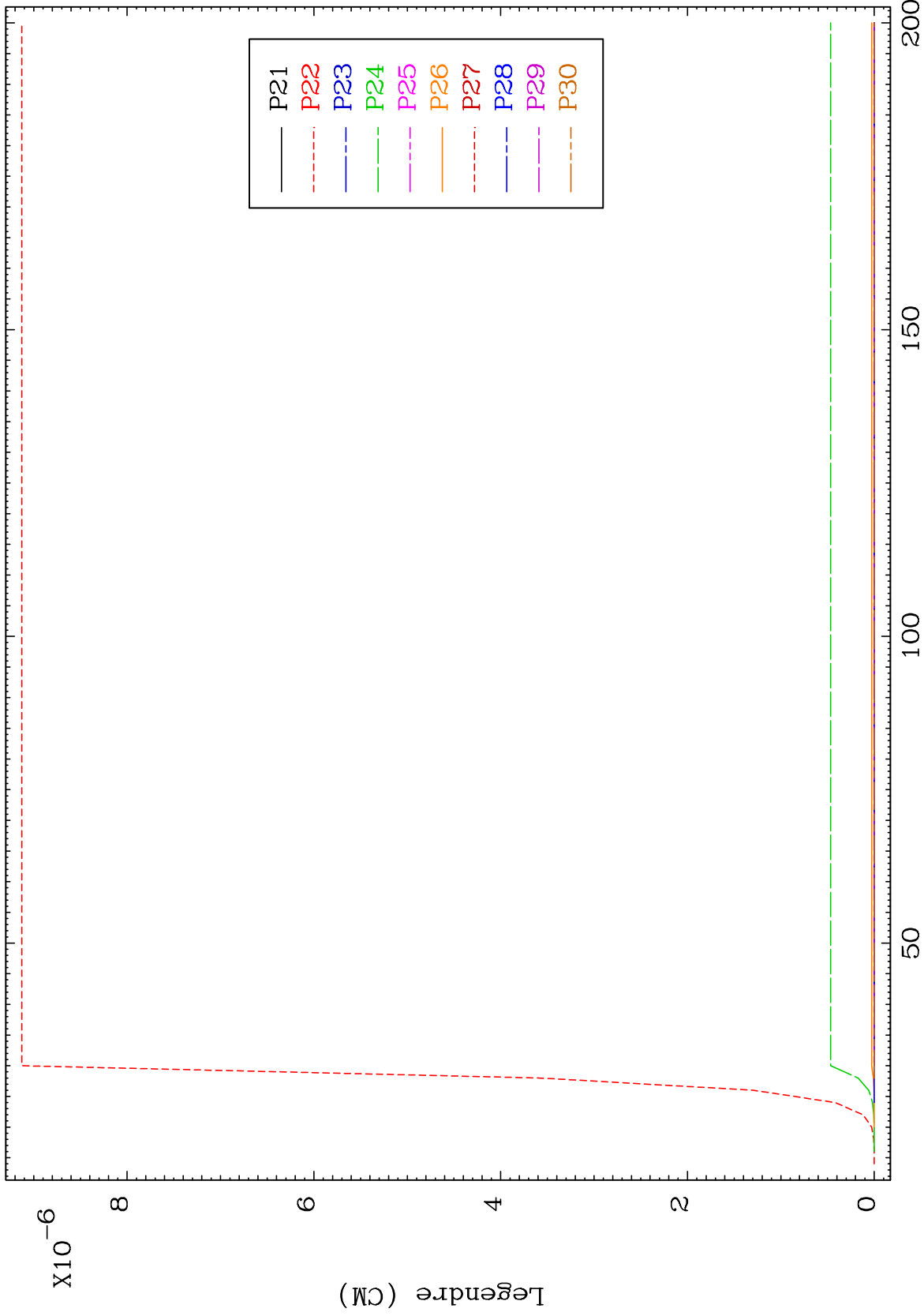
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

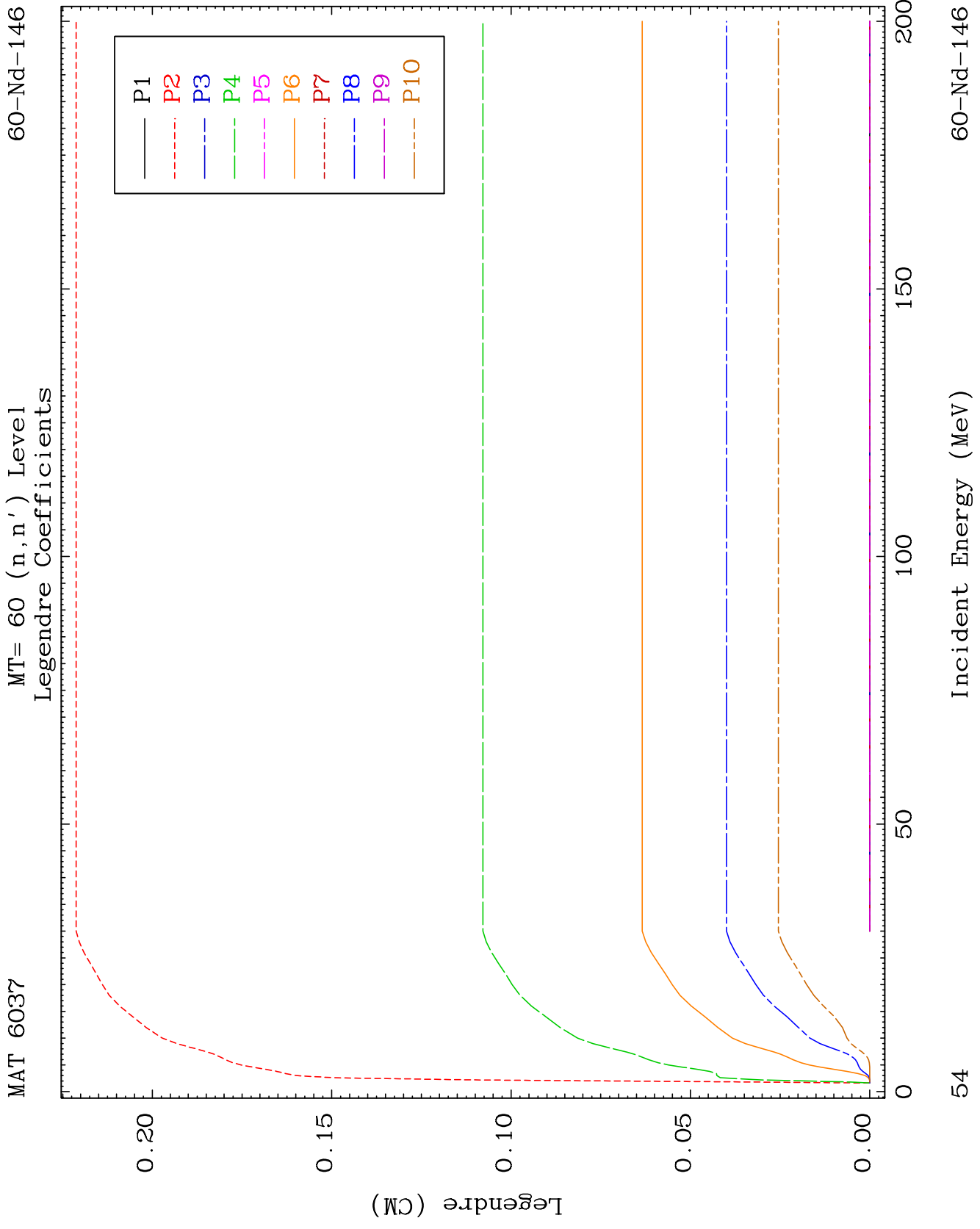
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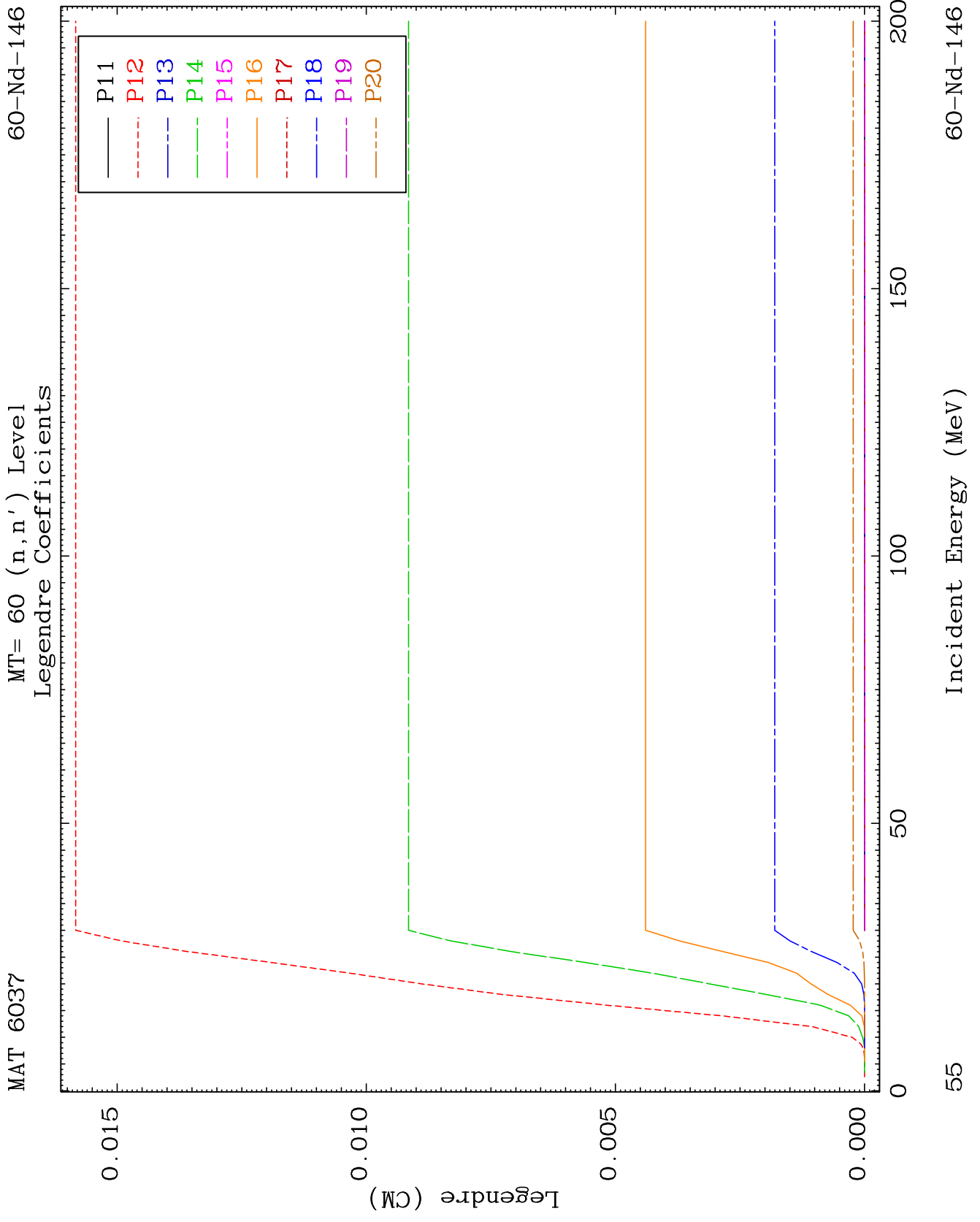


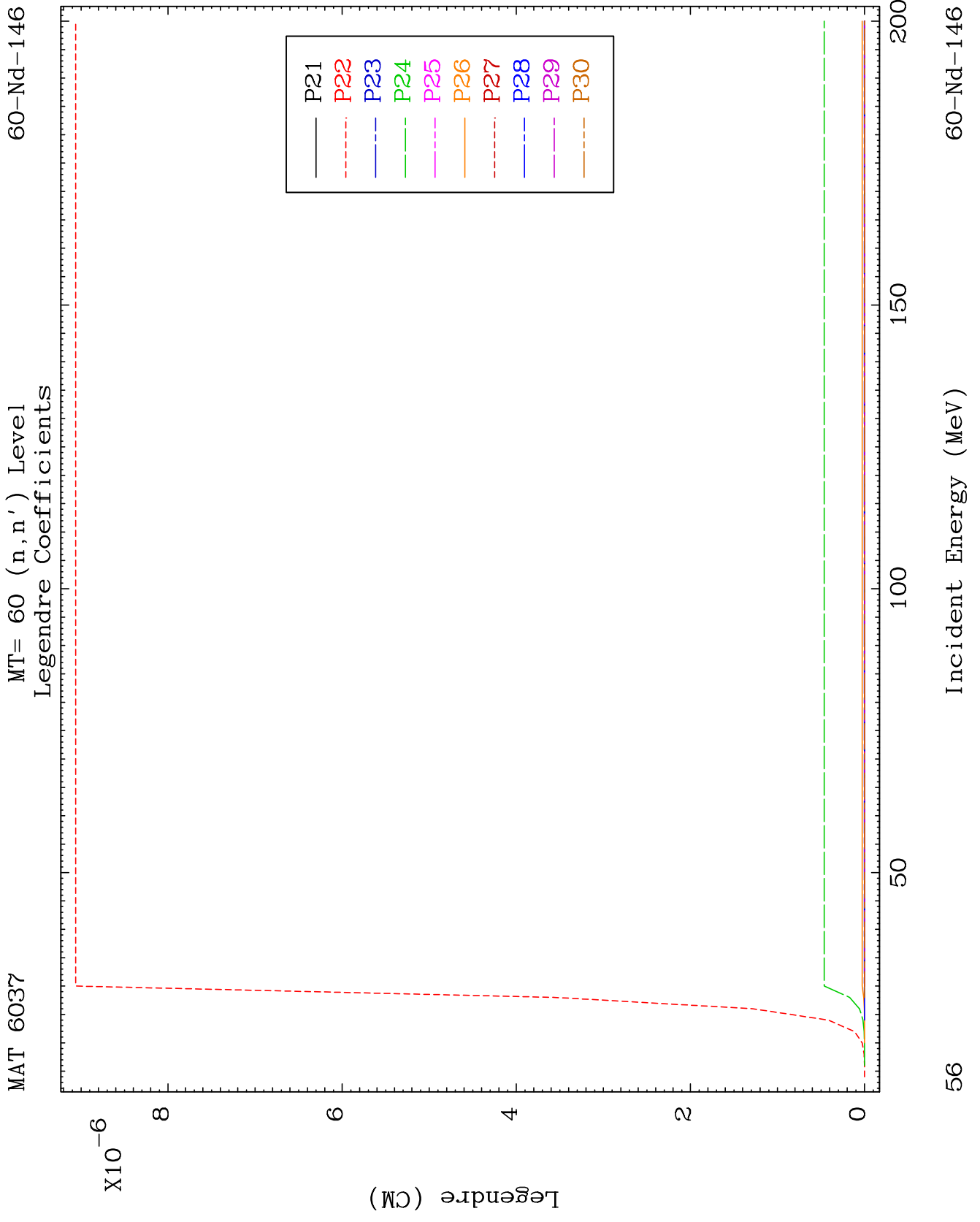
53

Incident Energy (MeV)

60-Nd-146



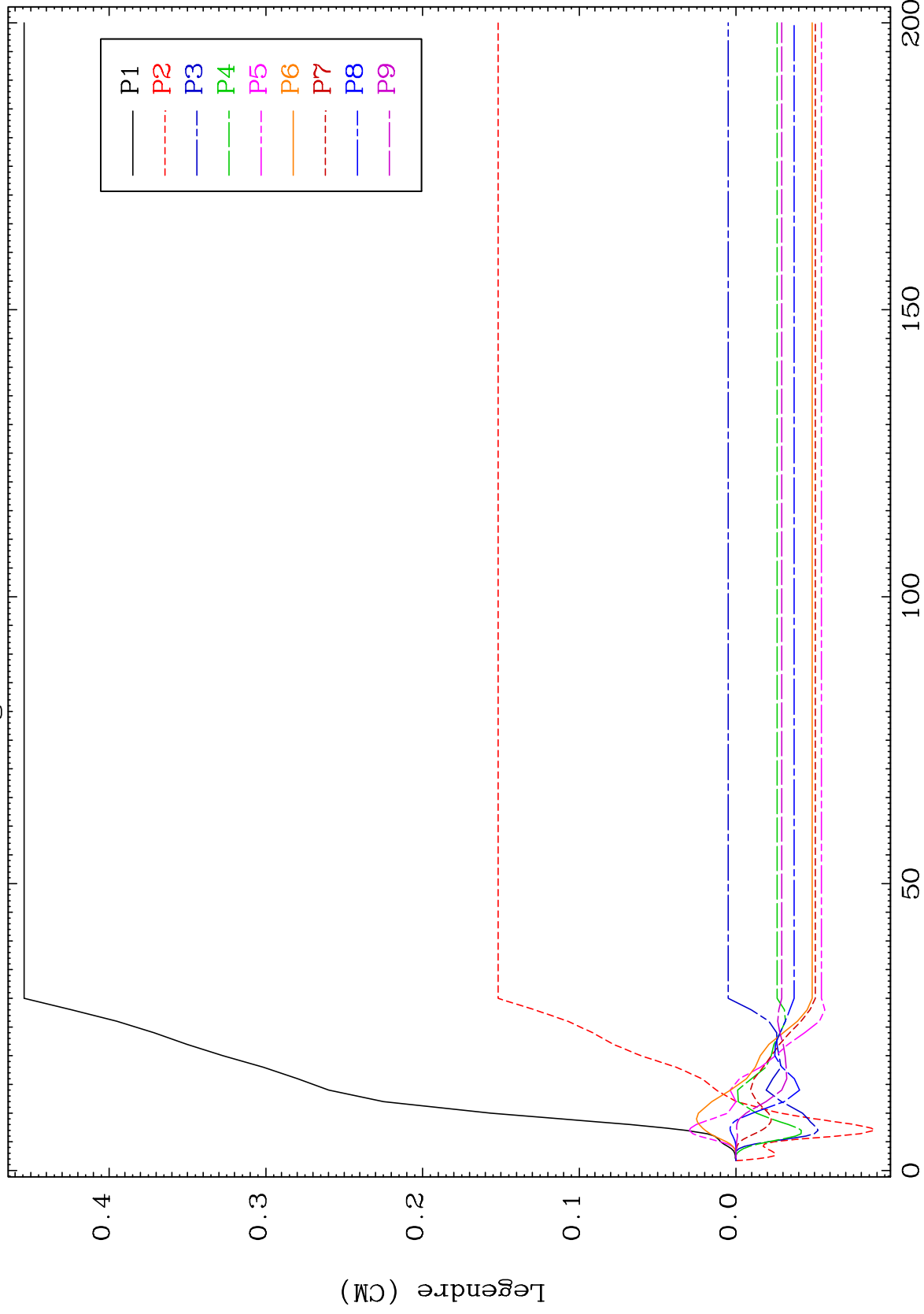




MAT 6037

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

60-Nd-146



57

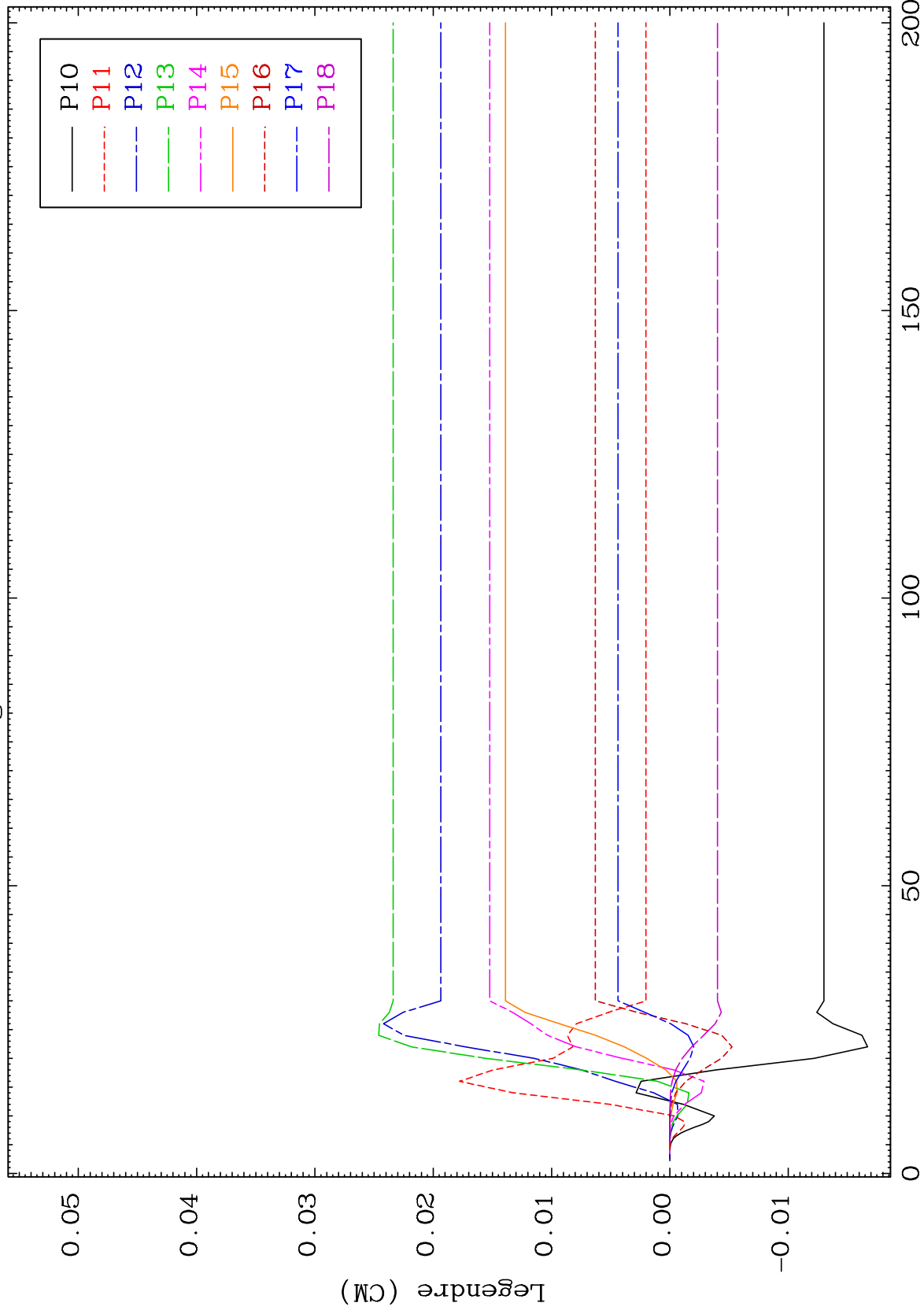
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



58

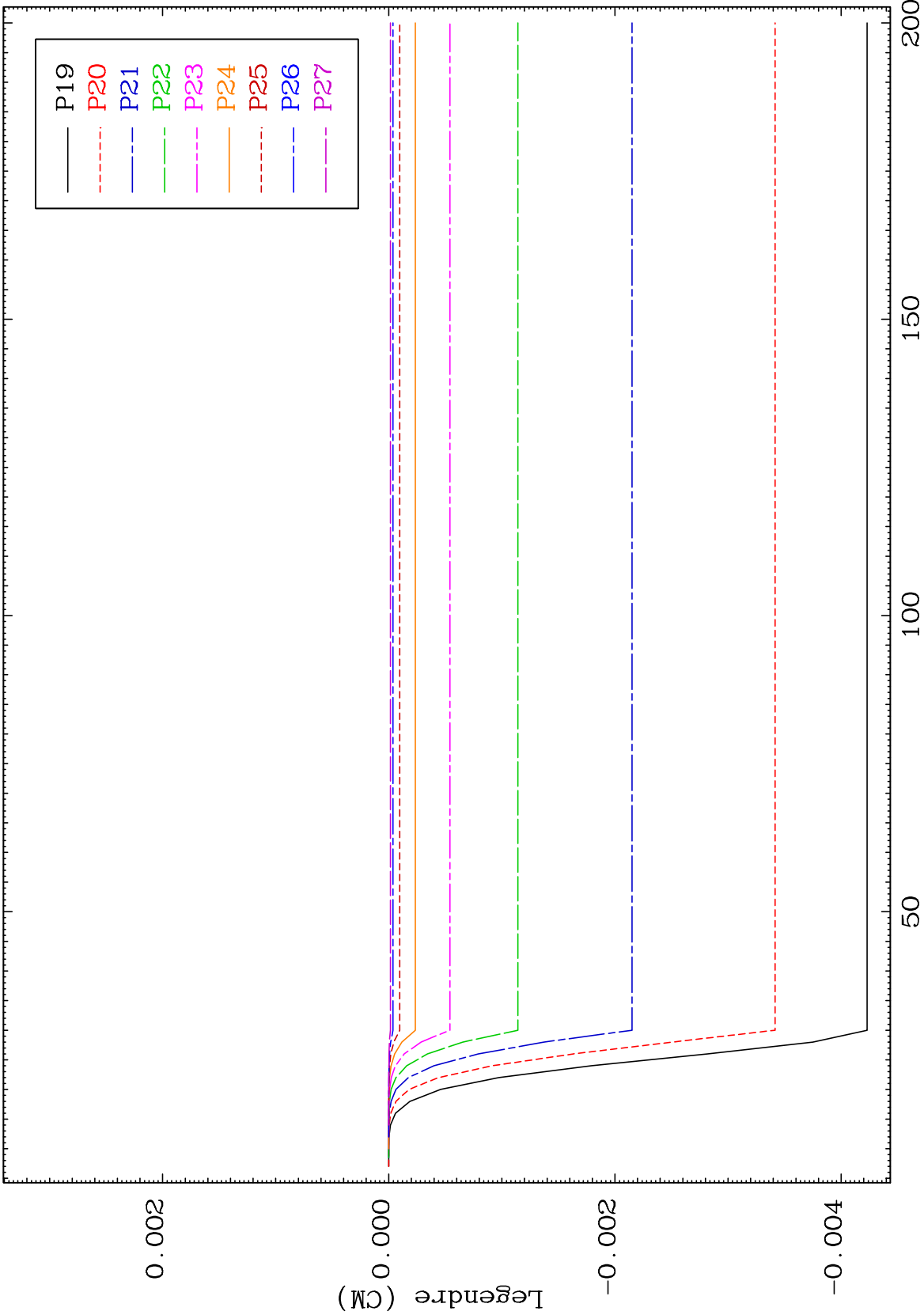
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

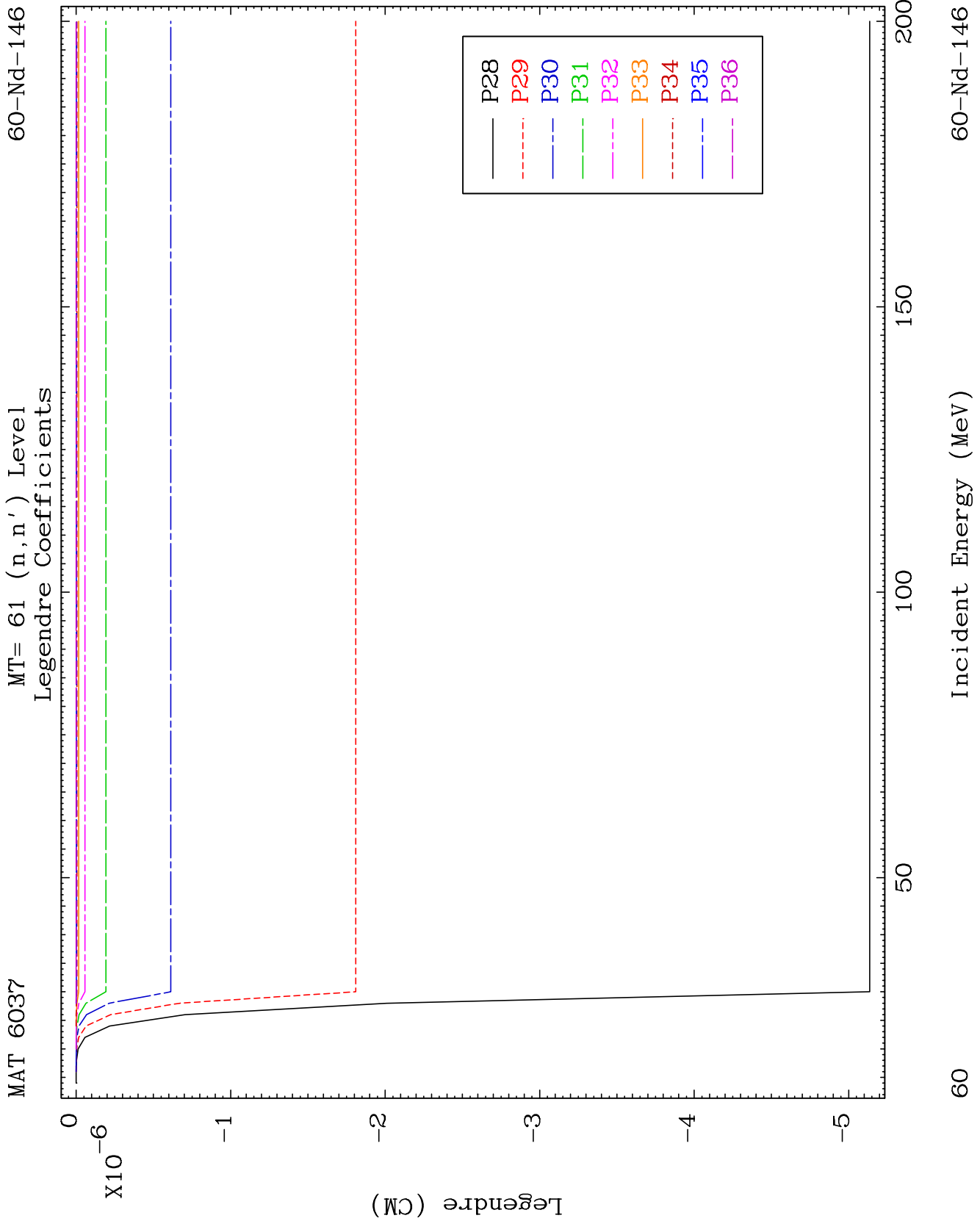
60-Nd-146



59

Incident Energy (MeV)

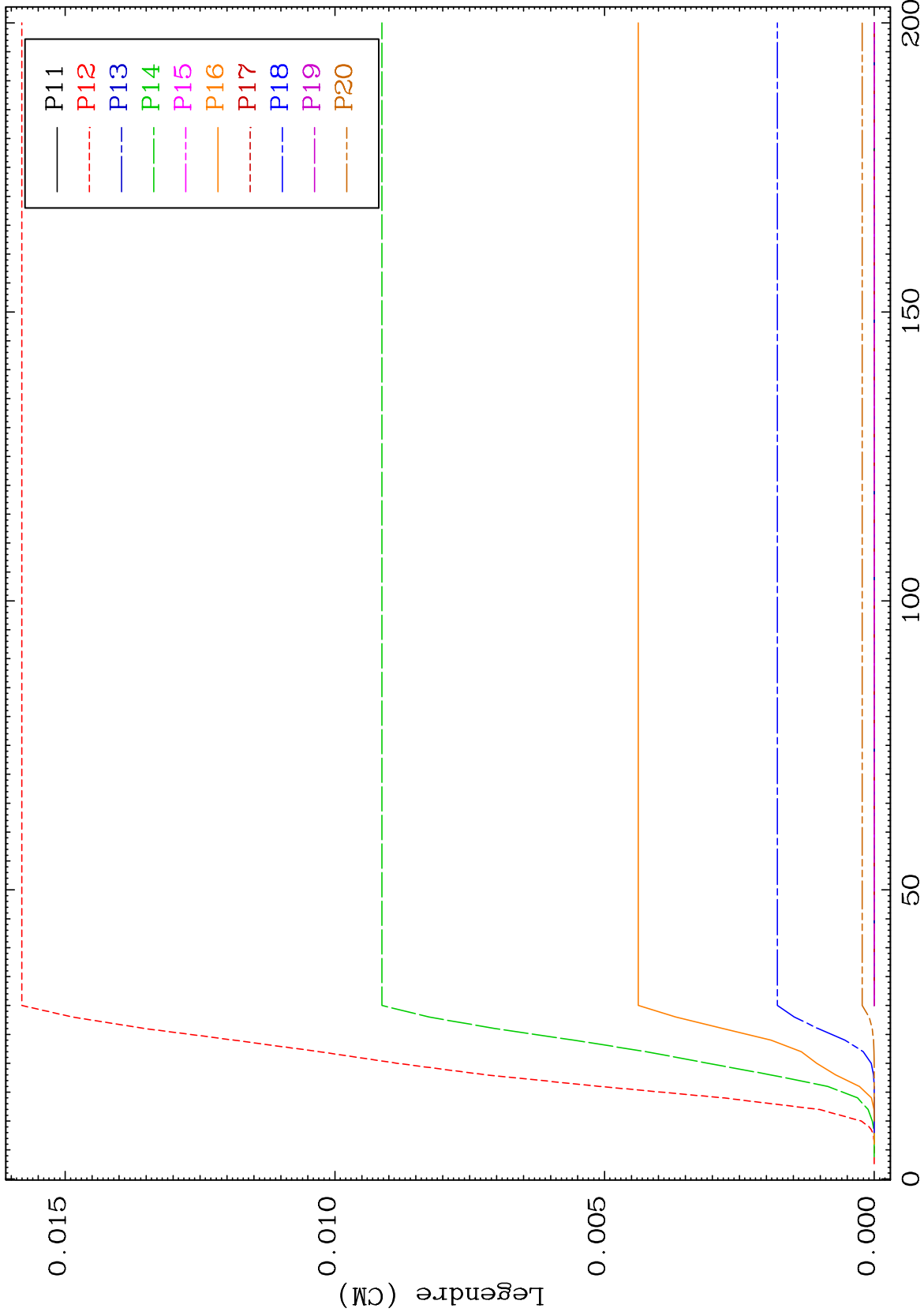
60-Nd-146



MAT 6037

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

60-Nd-146



60-Nd-146

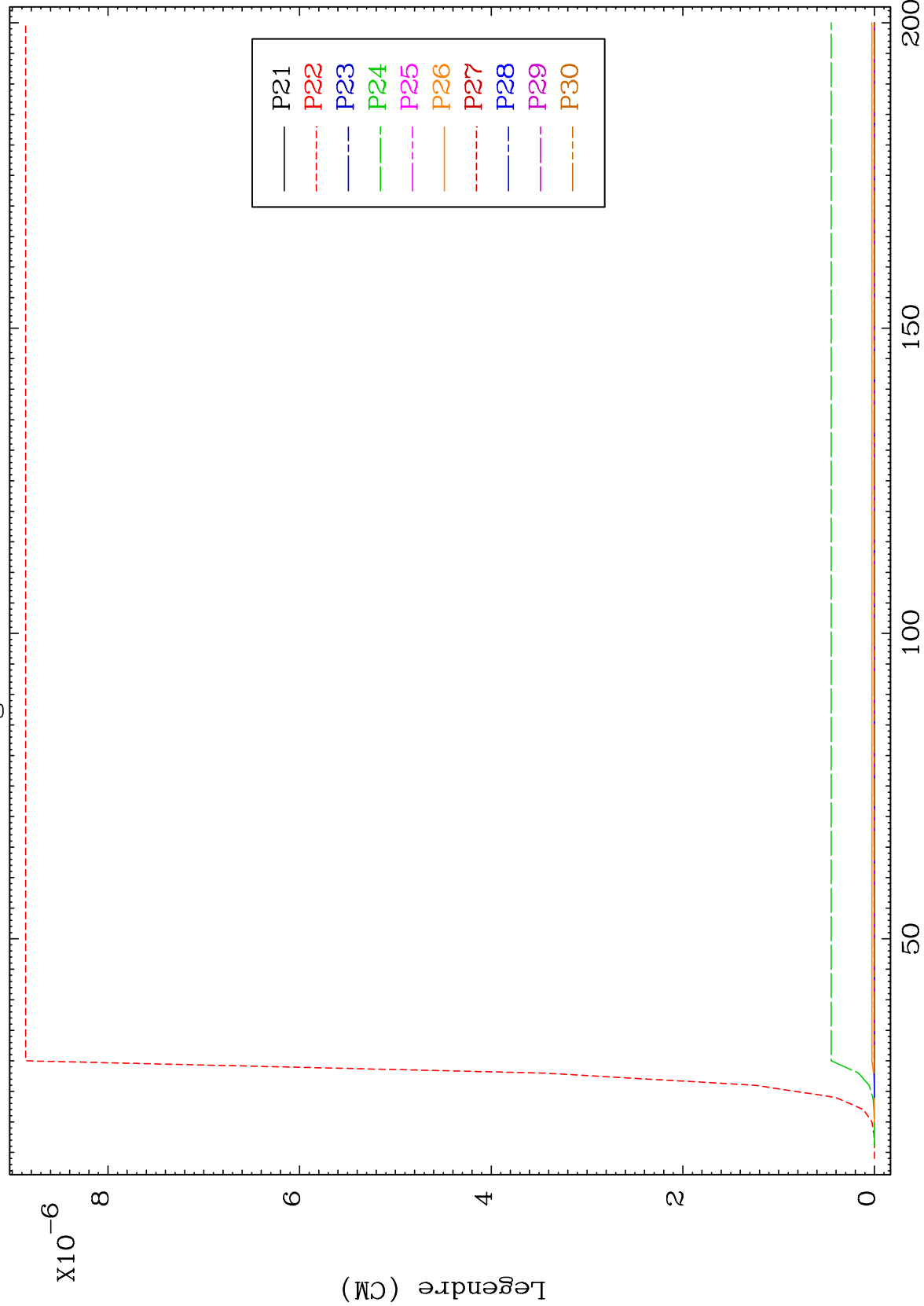
Incident Energy (MeV)

62

MAT 6037

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

60-Nd-146



63

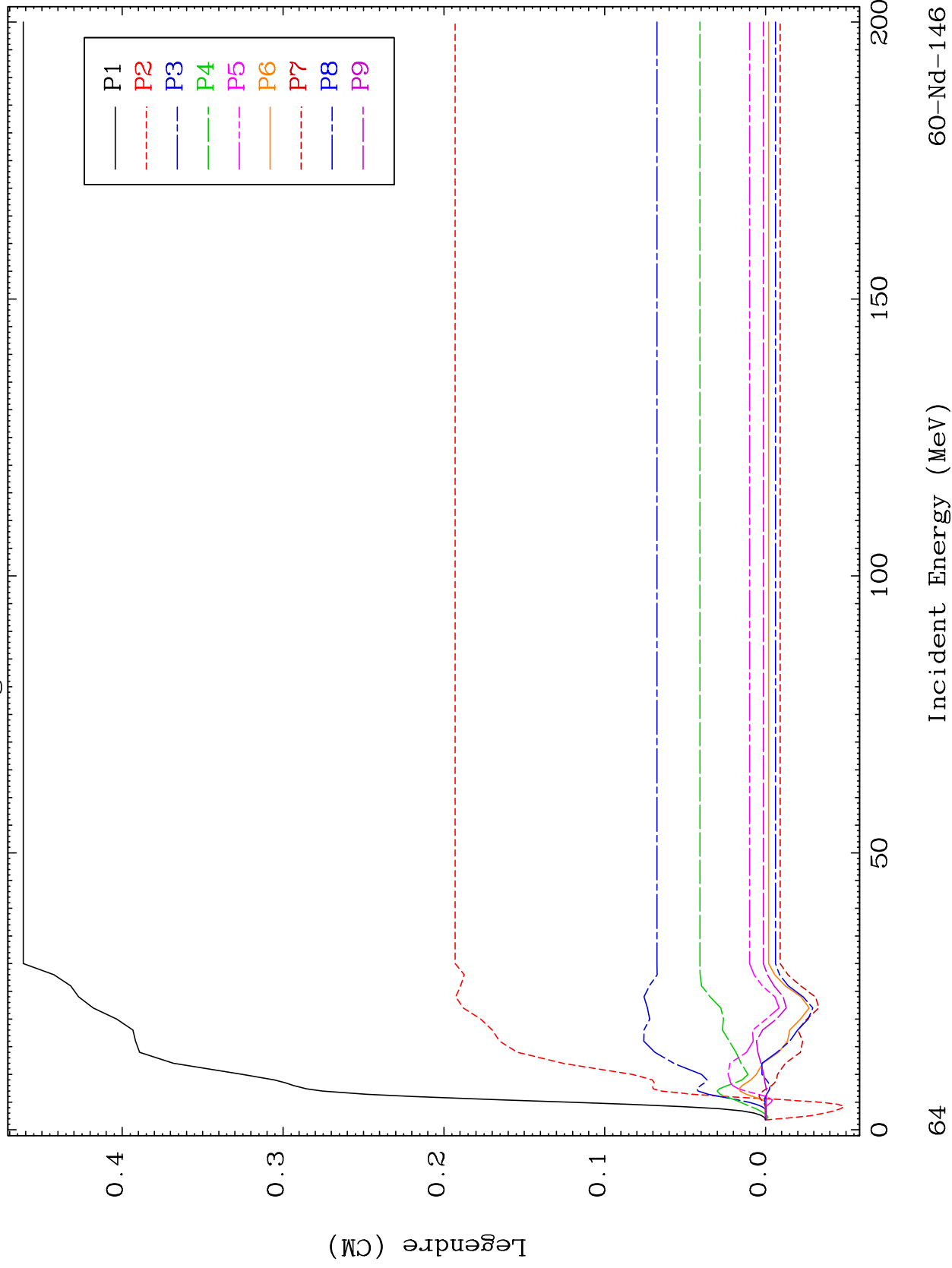
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

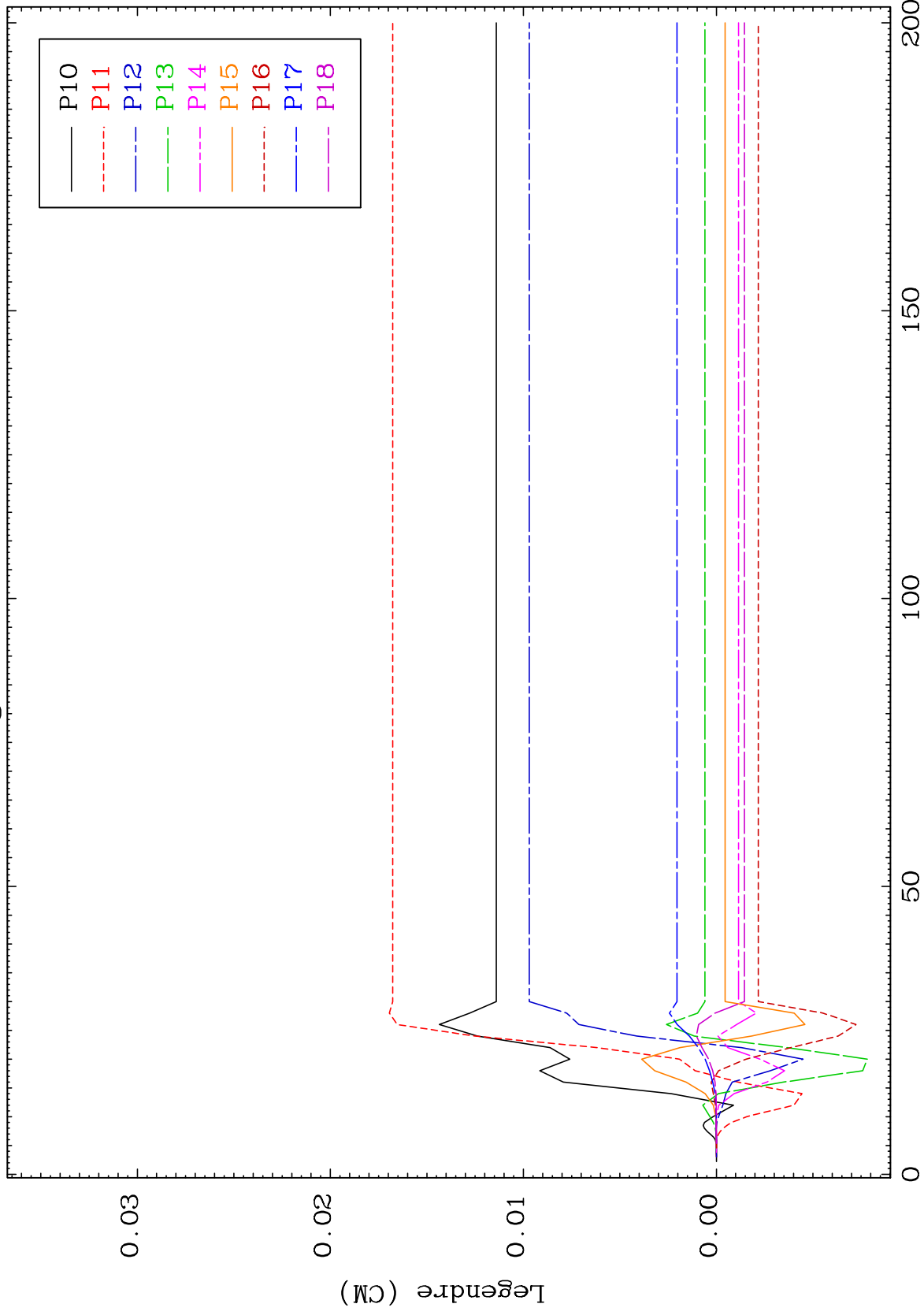
Incident Energy (MeV)

64

MAT 6037

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

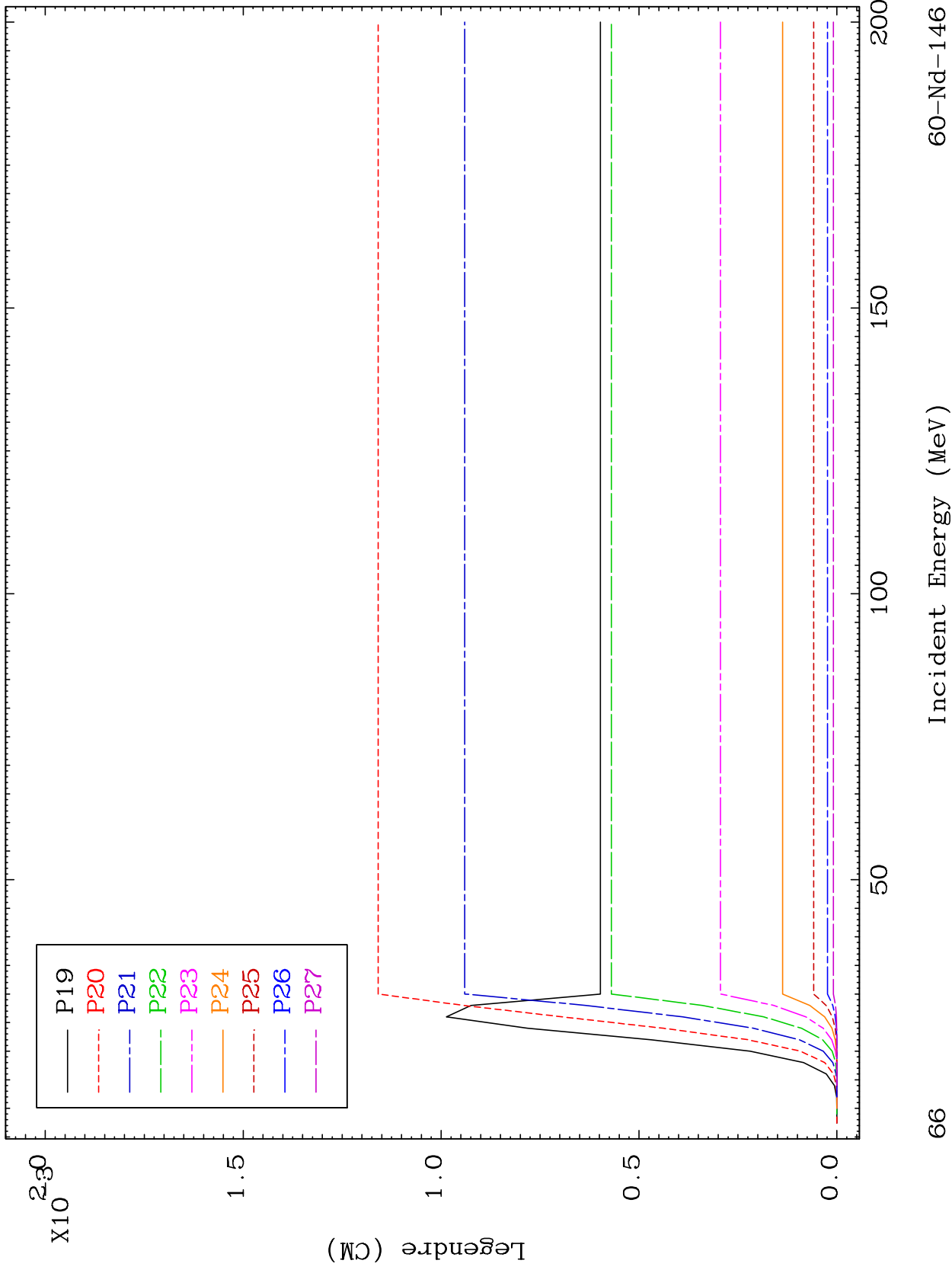
60-Nd-146



65

Incident Energy (MeV)

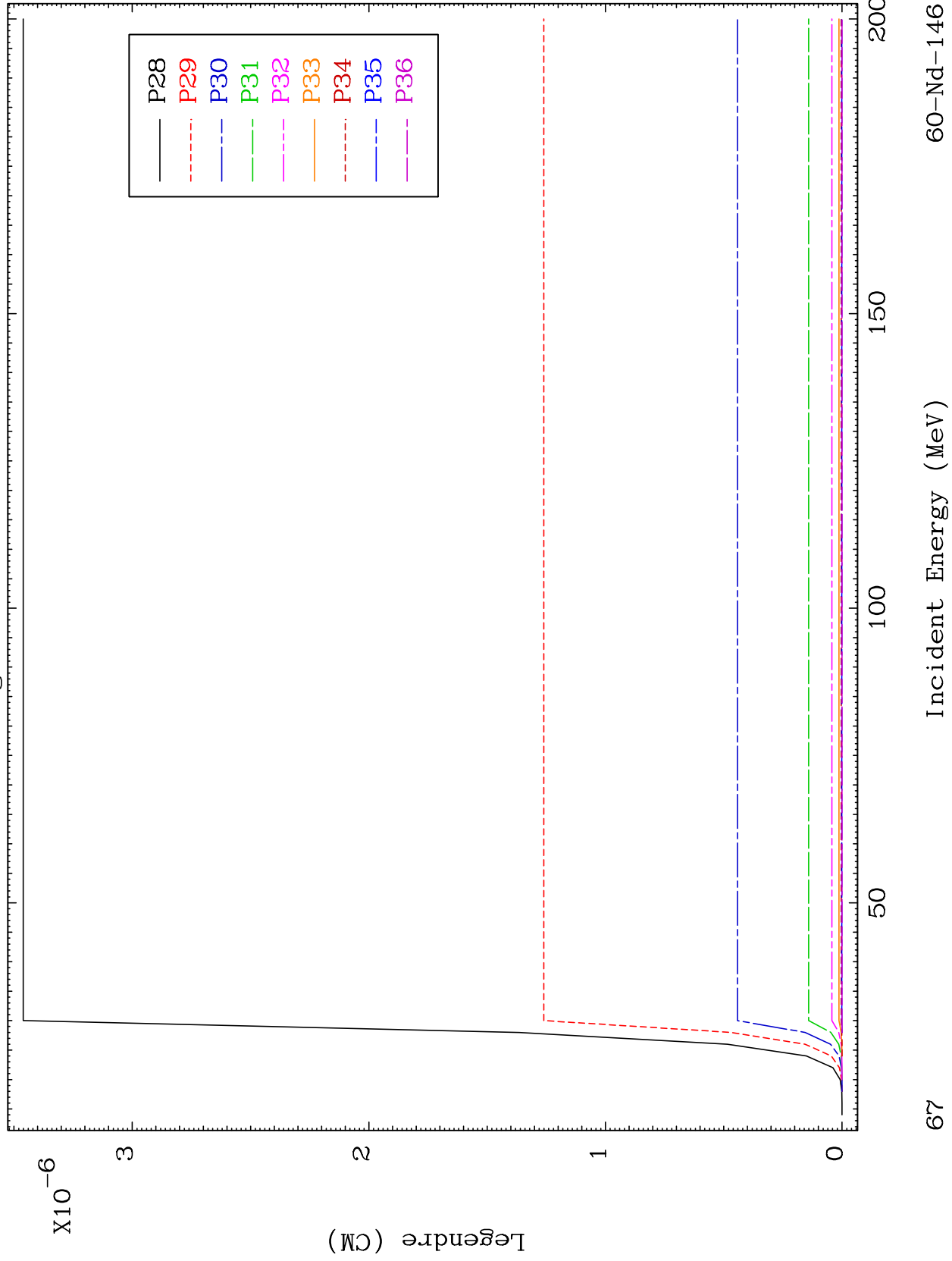
60-Nd-146



MAT 6037

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

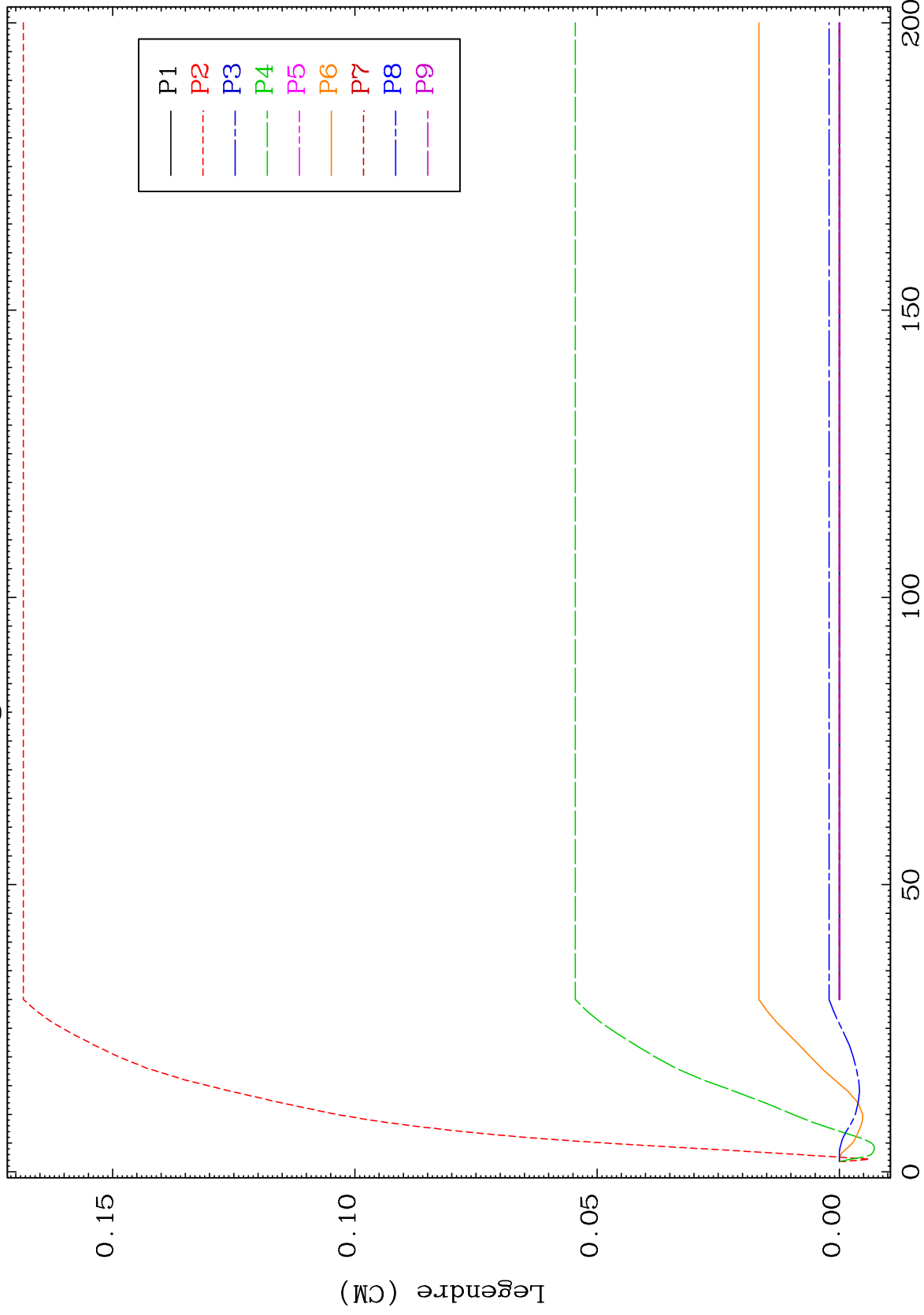
60-Nd-146



MAT 6037

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

60-Nd-146



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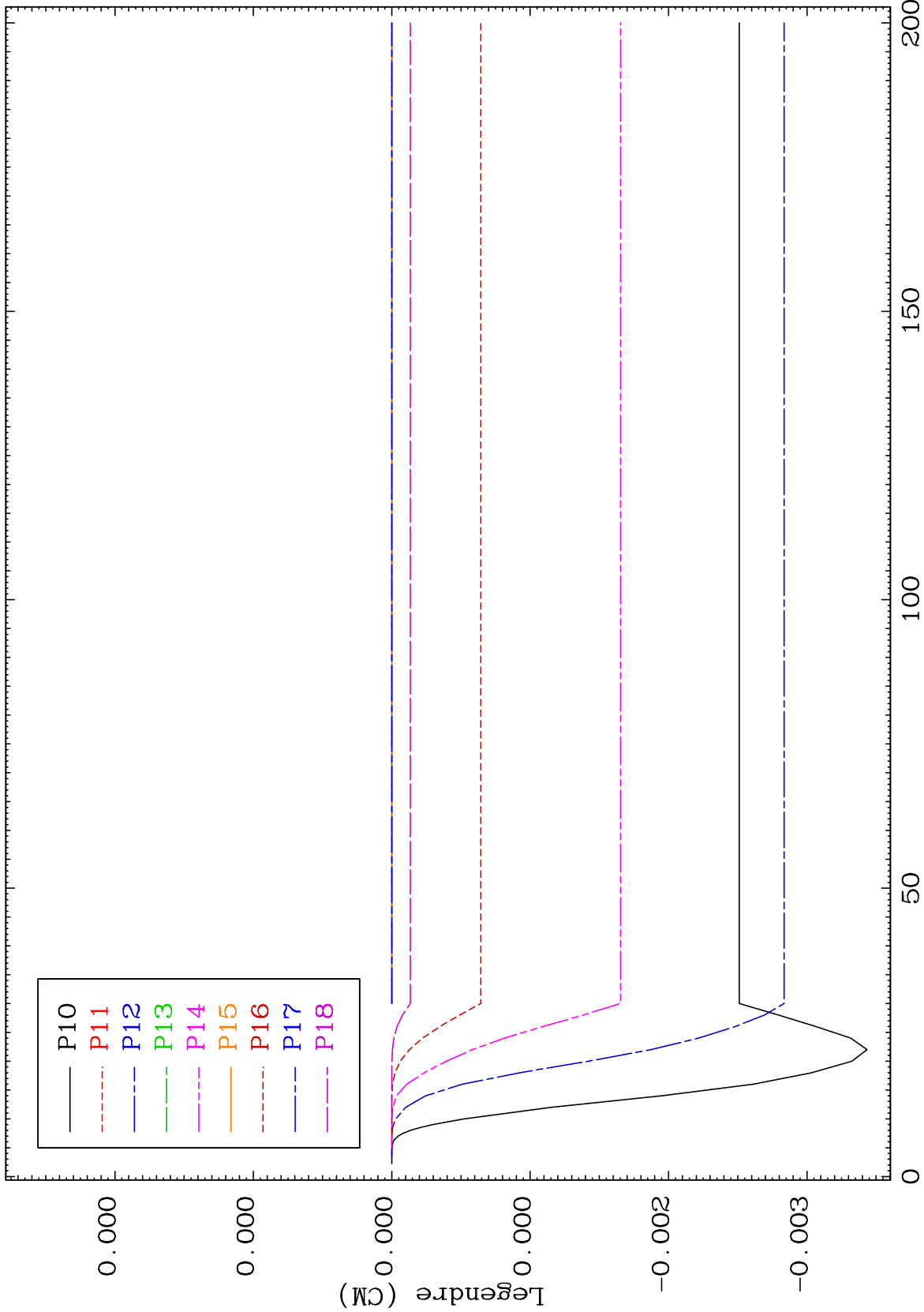
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

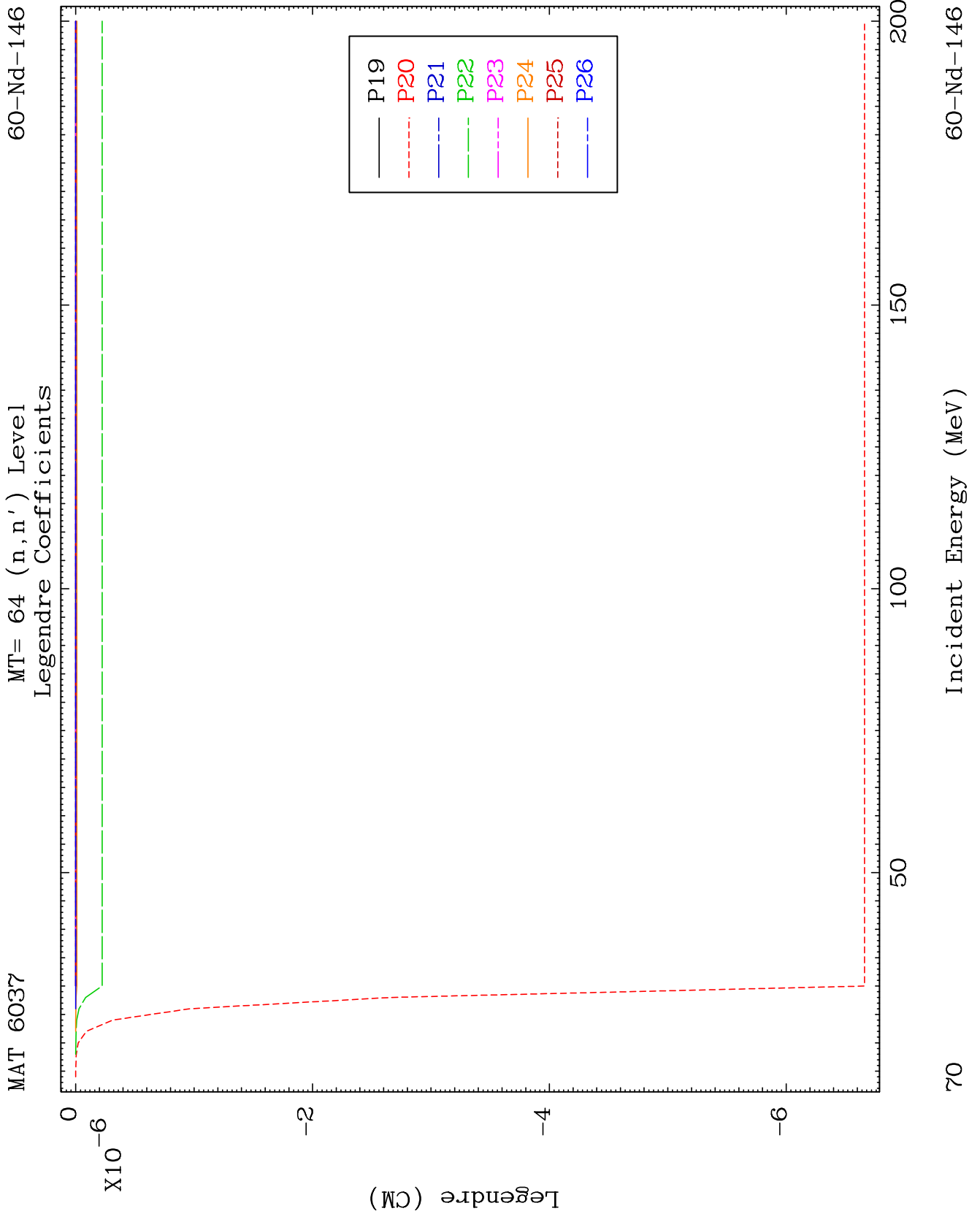
60-Nd-146



69

Incident Energy (MeV)

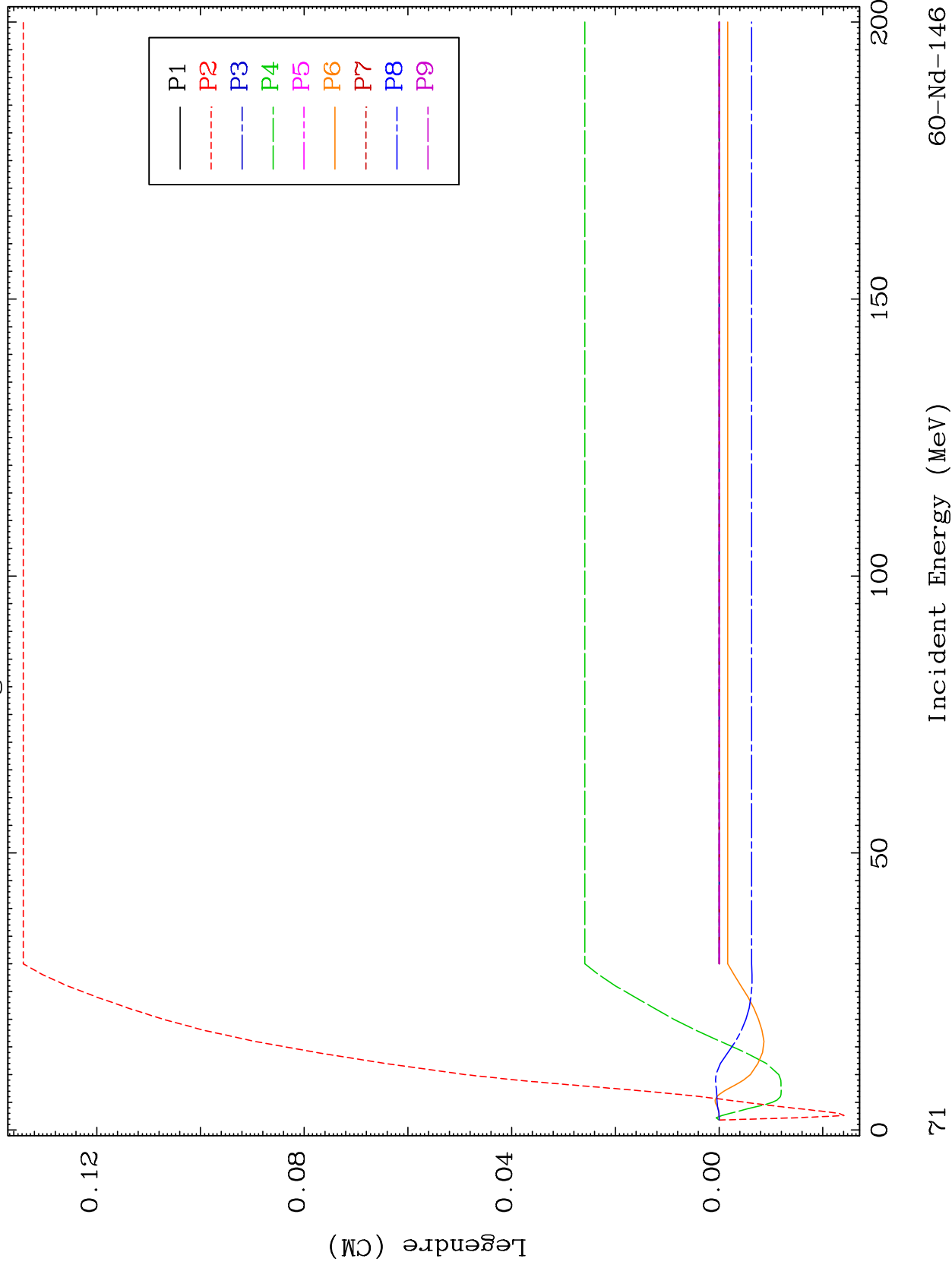
60-Nd-146



MAT 6037

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

60-Nd-146



71

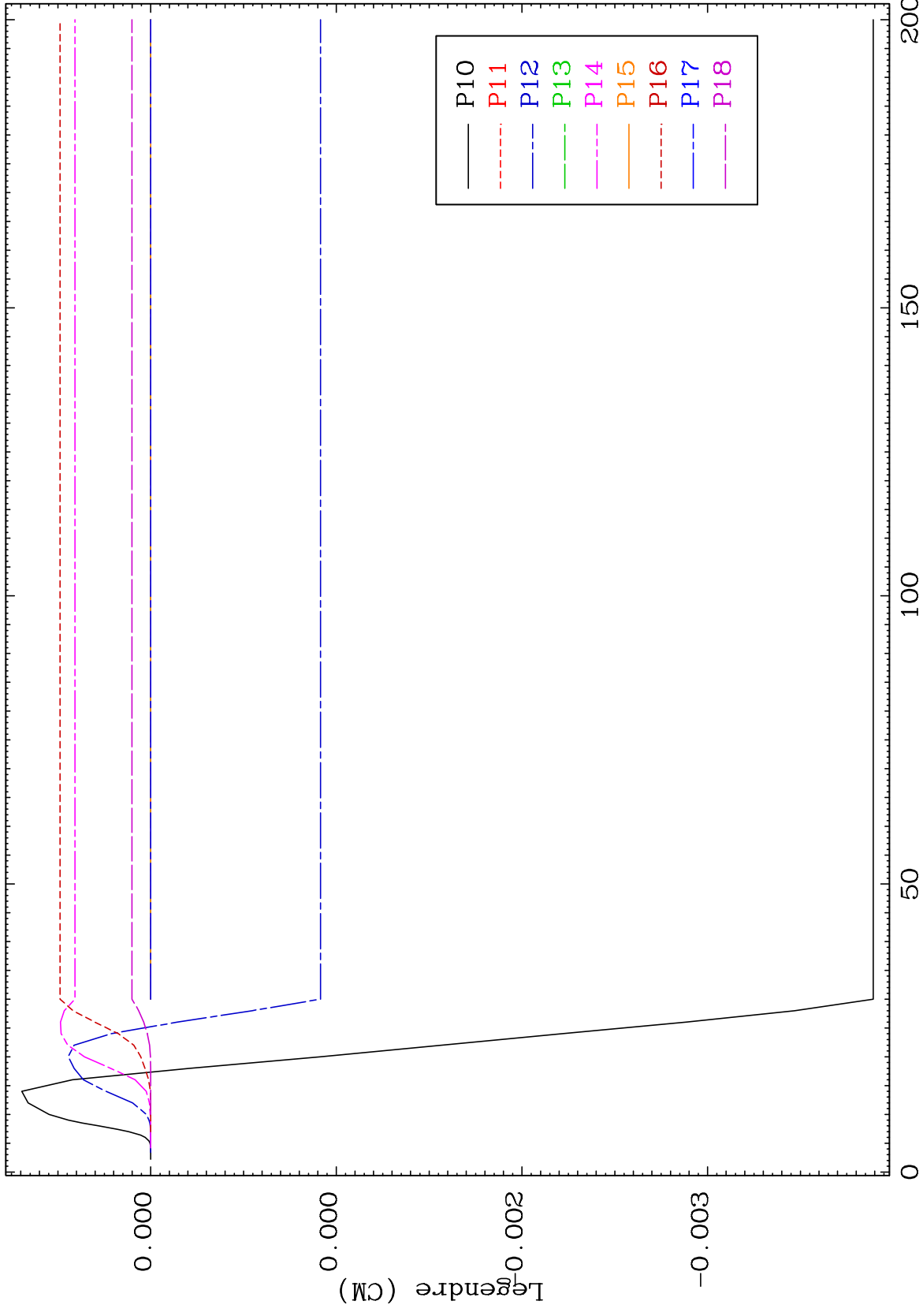
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



72

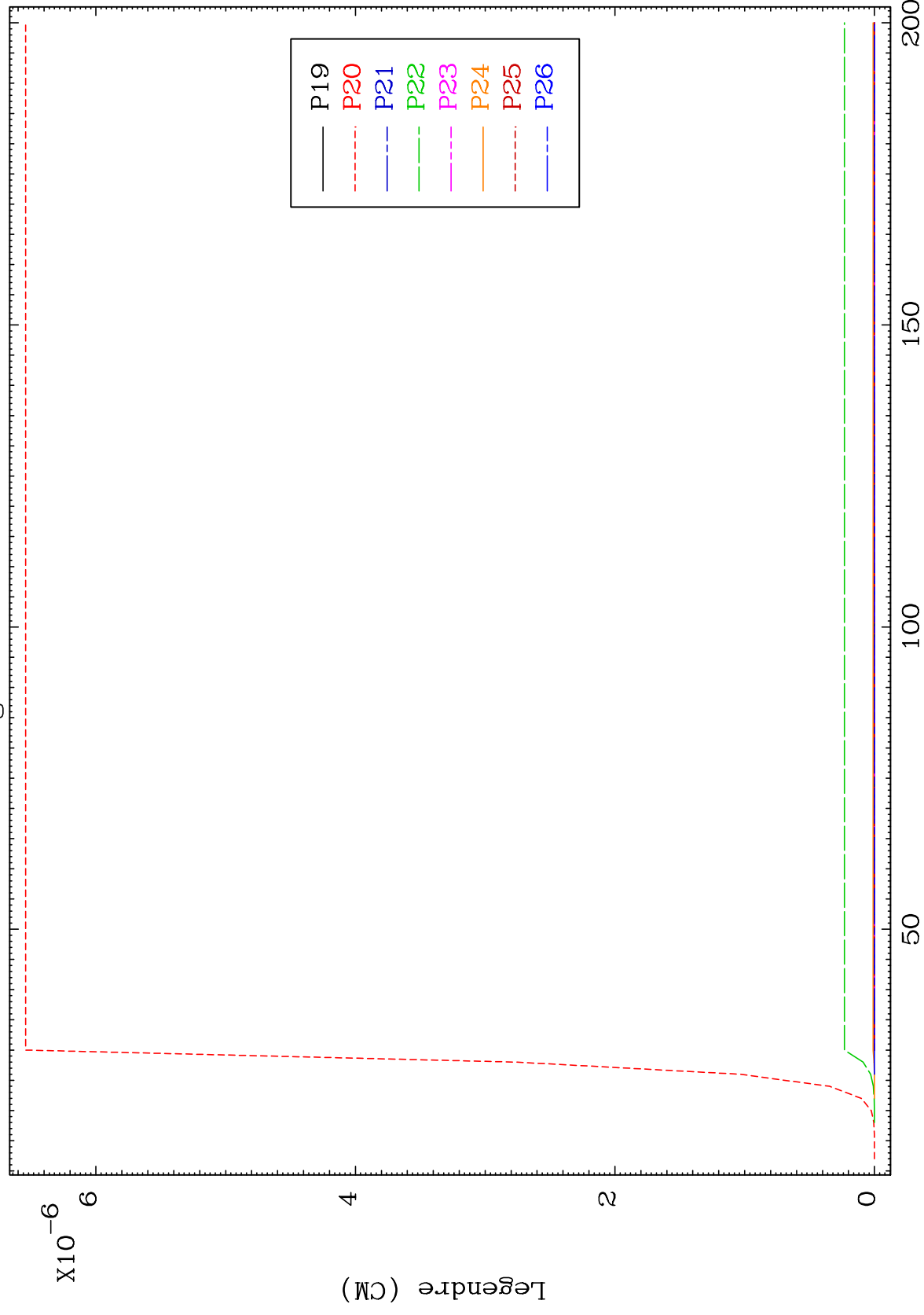
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



73

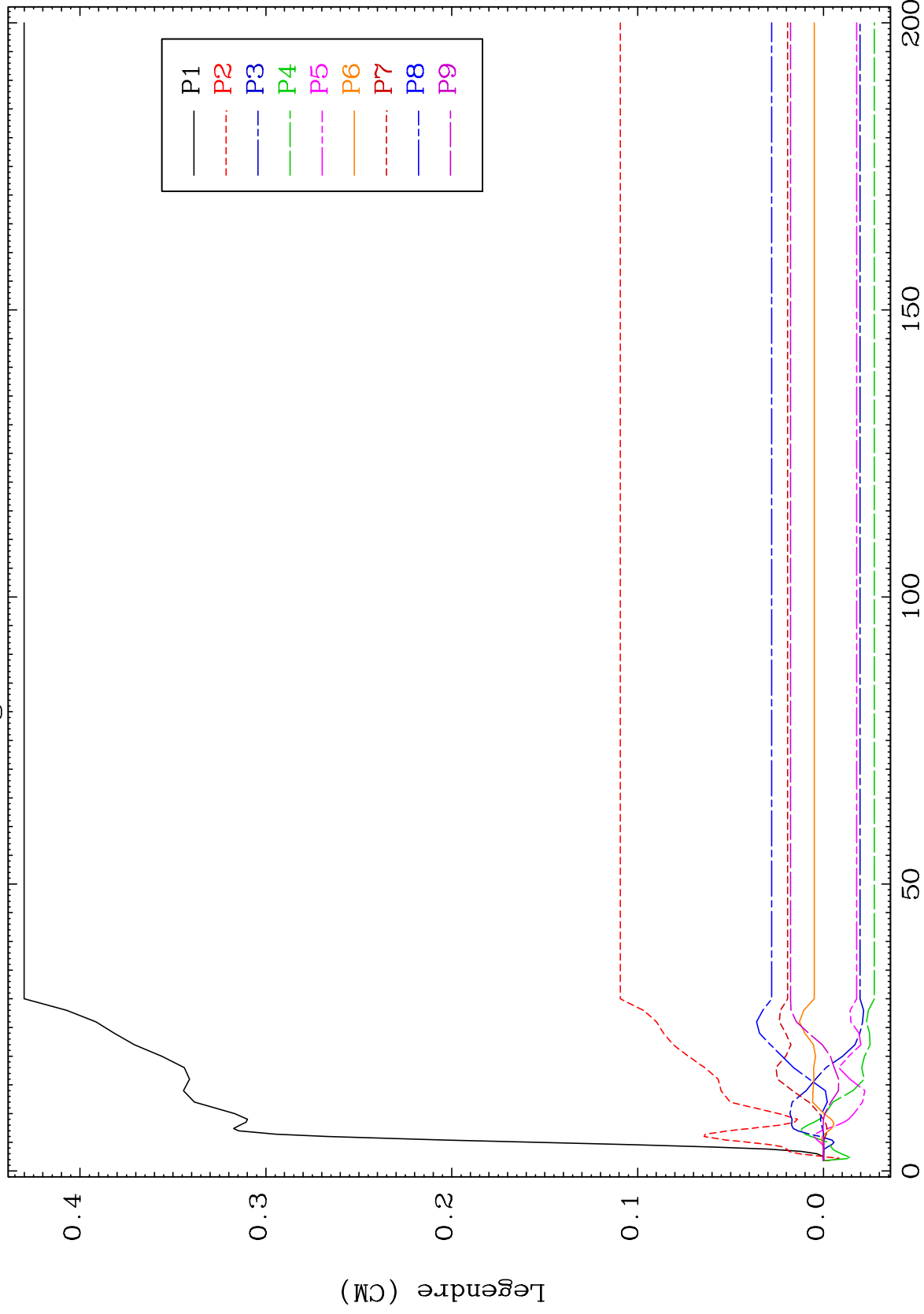
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



74

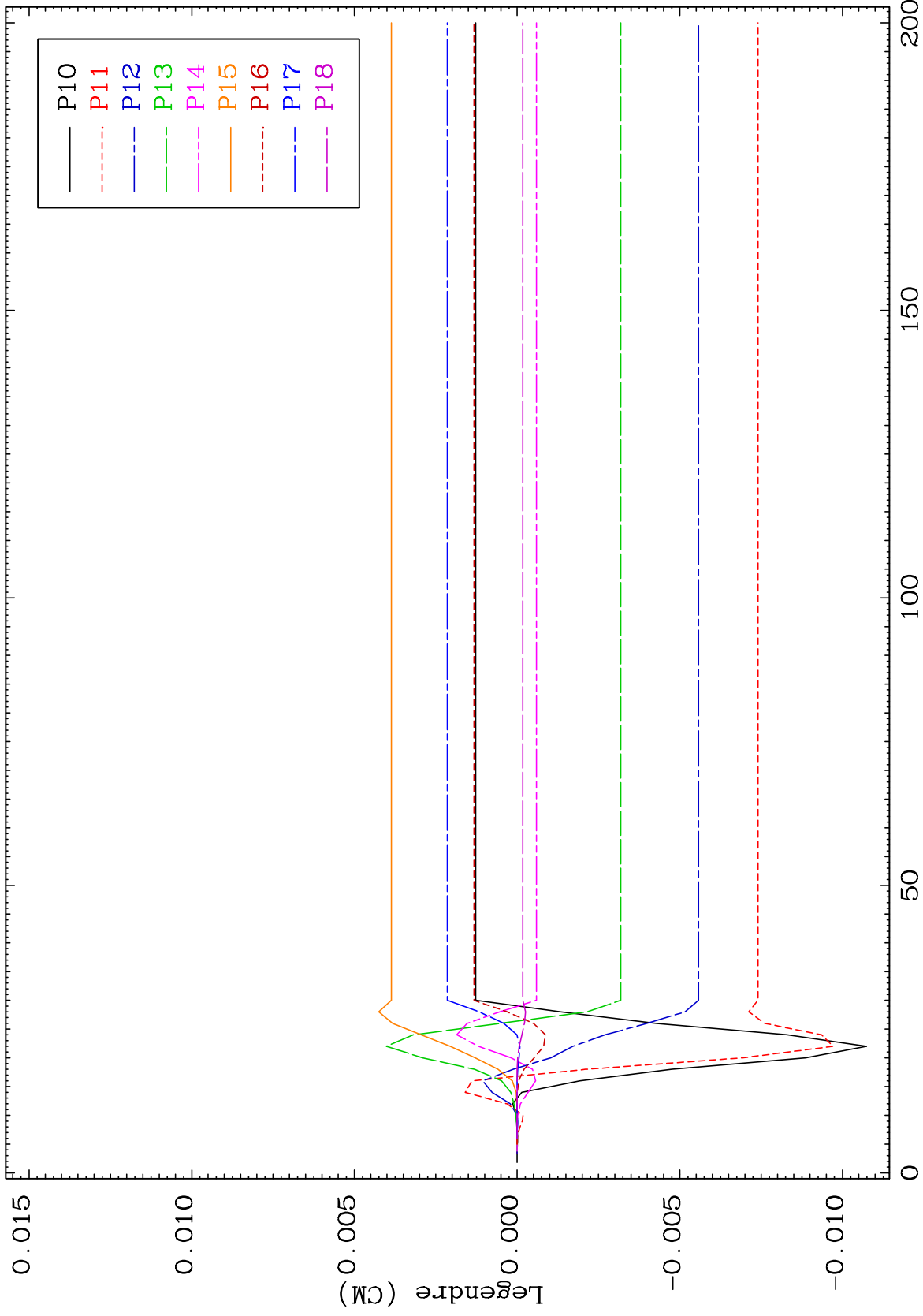
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

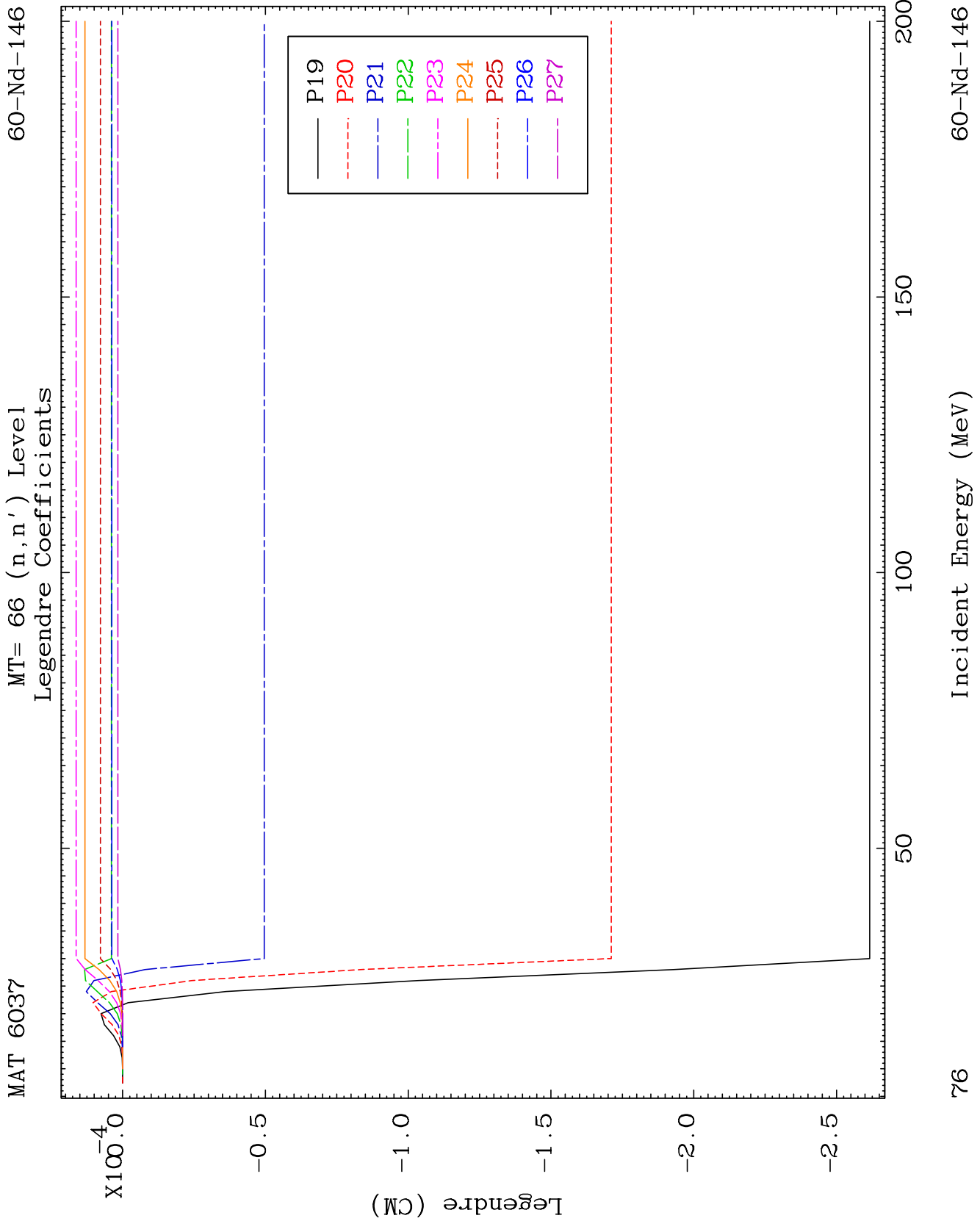
60-Nd-146



75

Incident Energy (MeV)

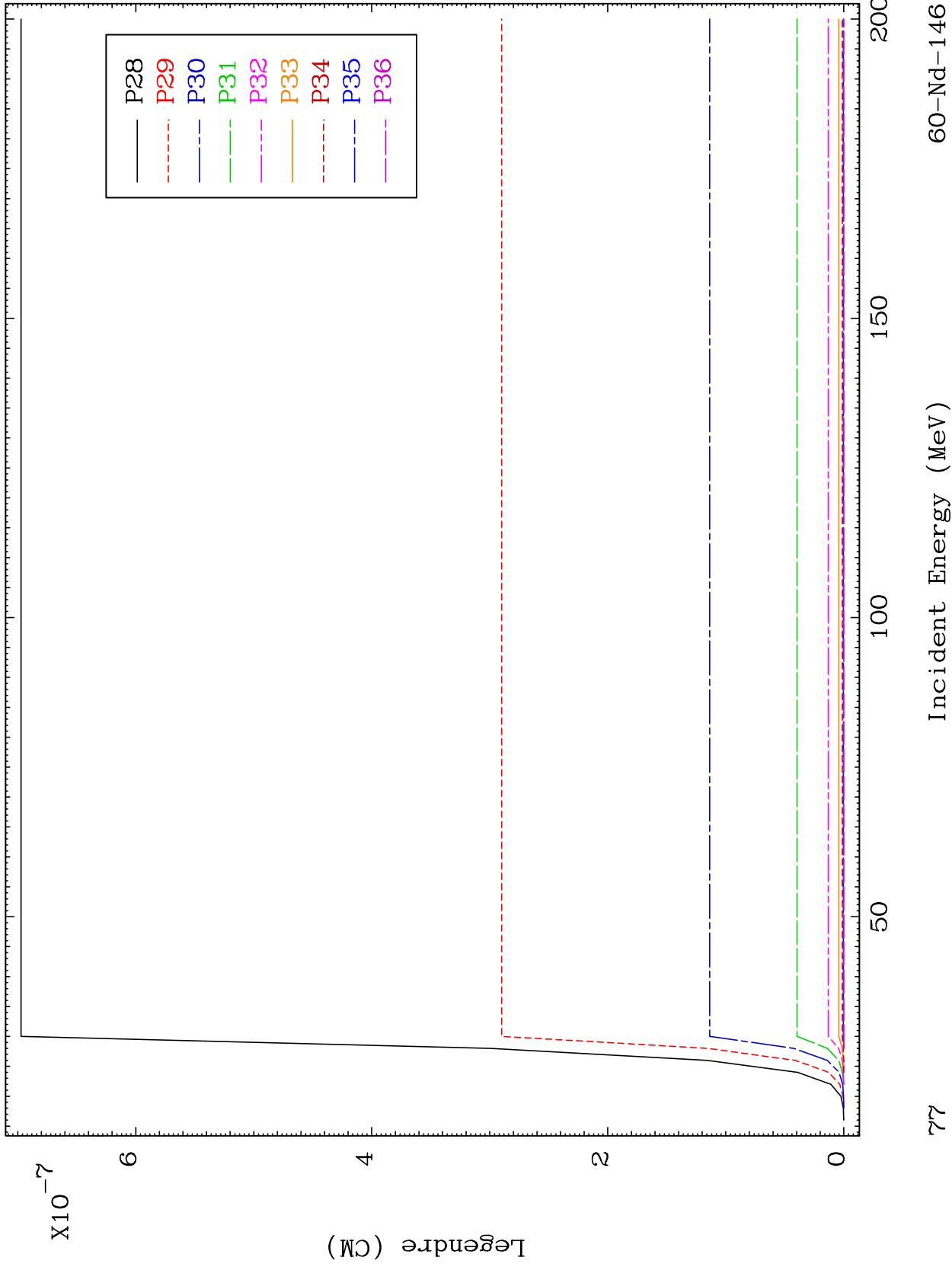
60-Nd-146



MAT 6037

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

60-Nd-146

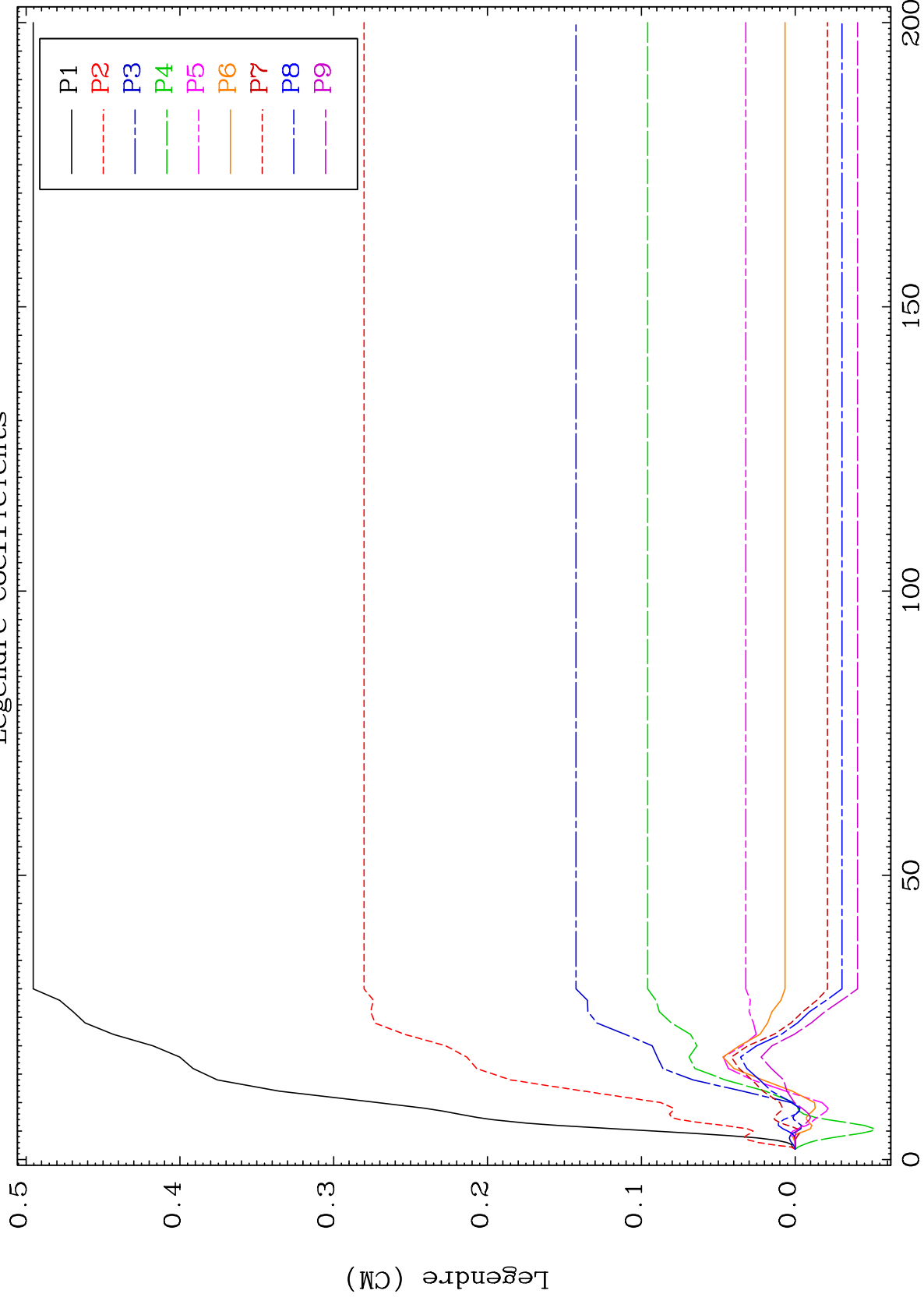


77

MAT 6037

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

60-Nd-146



78

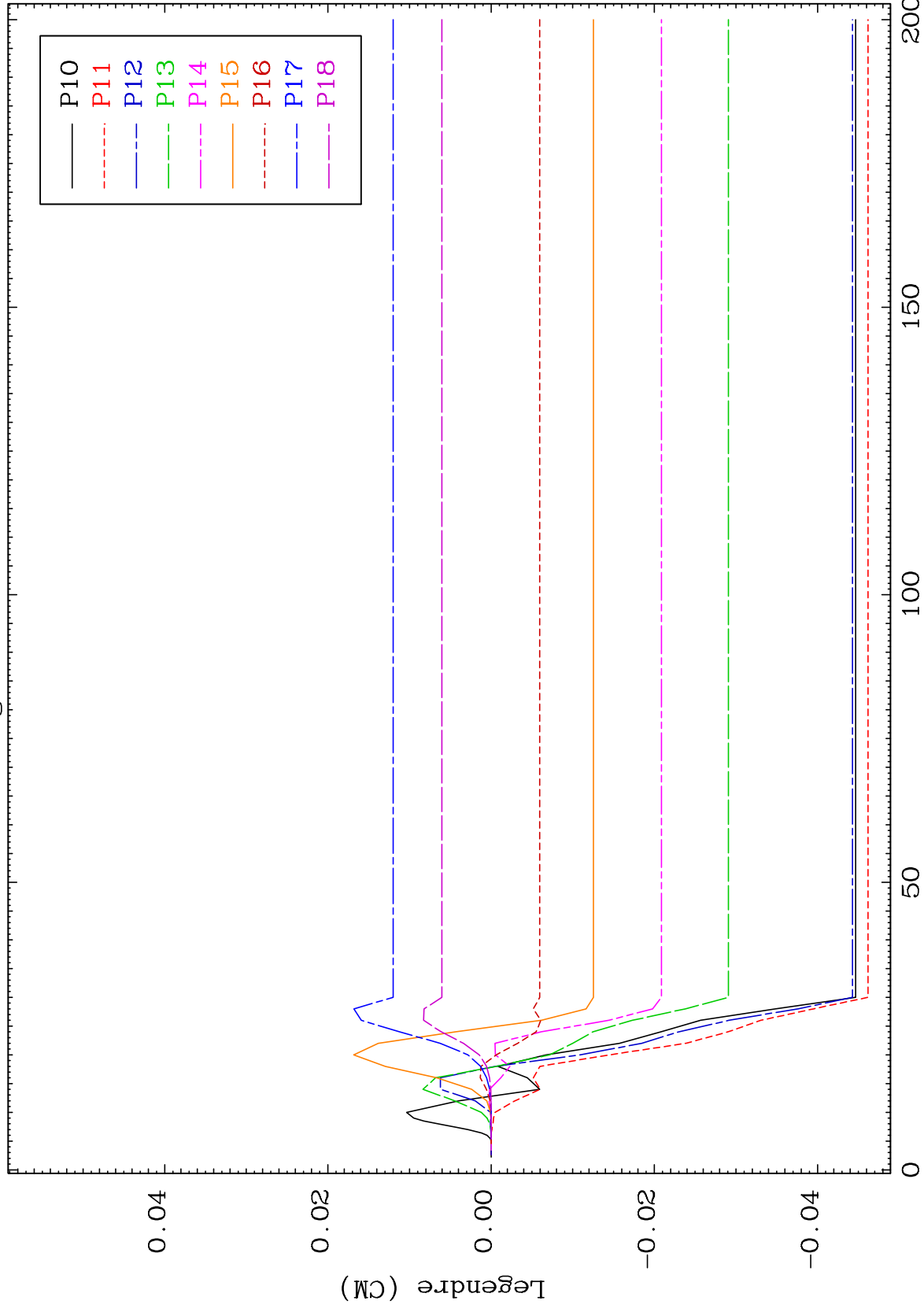
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



79

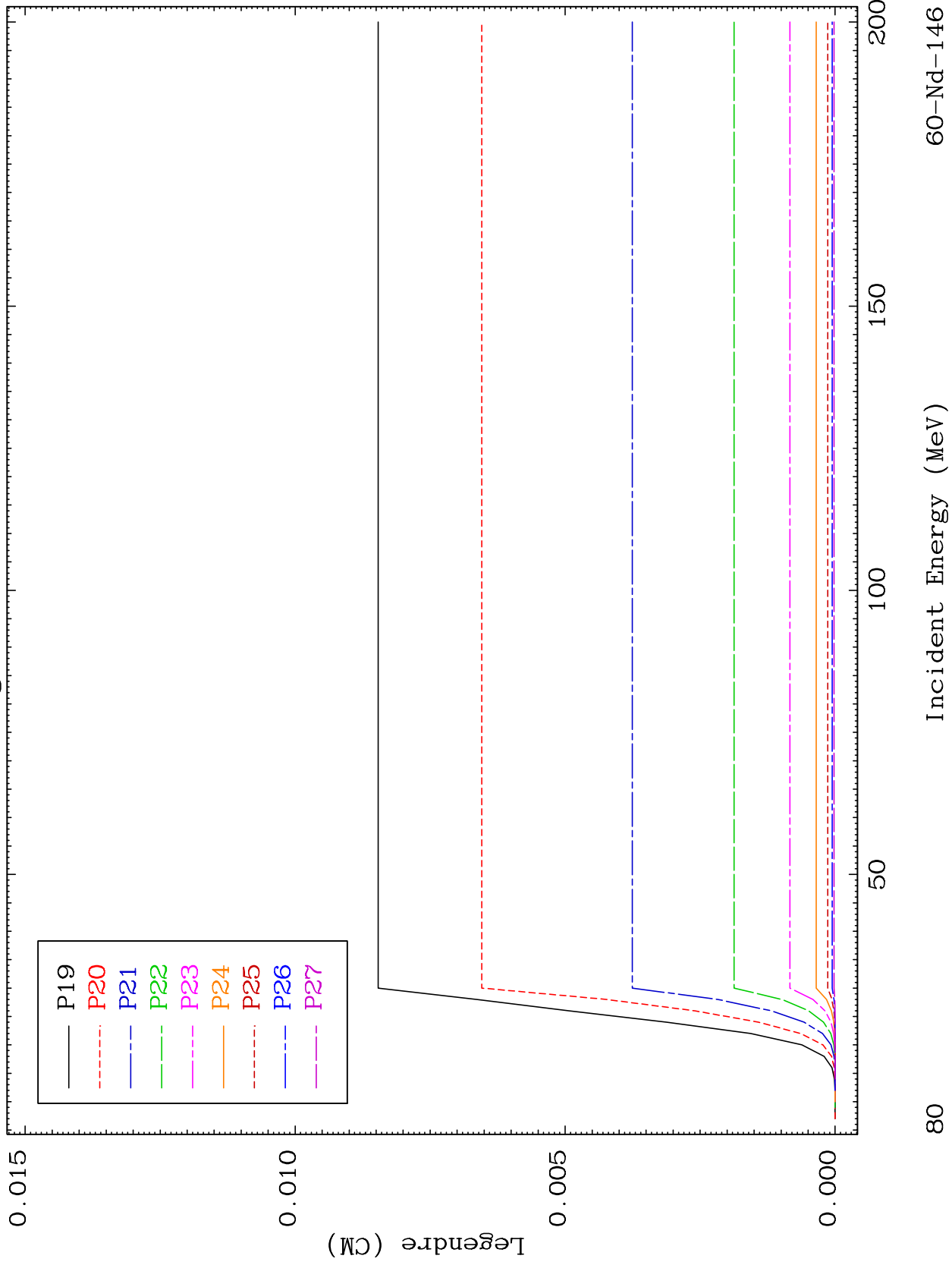
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

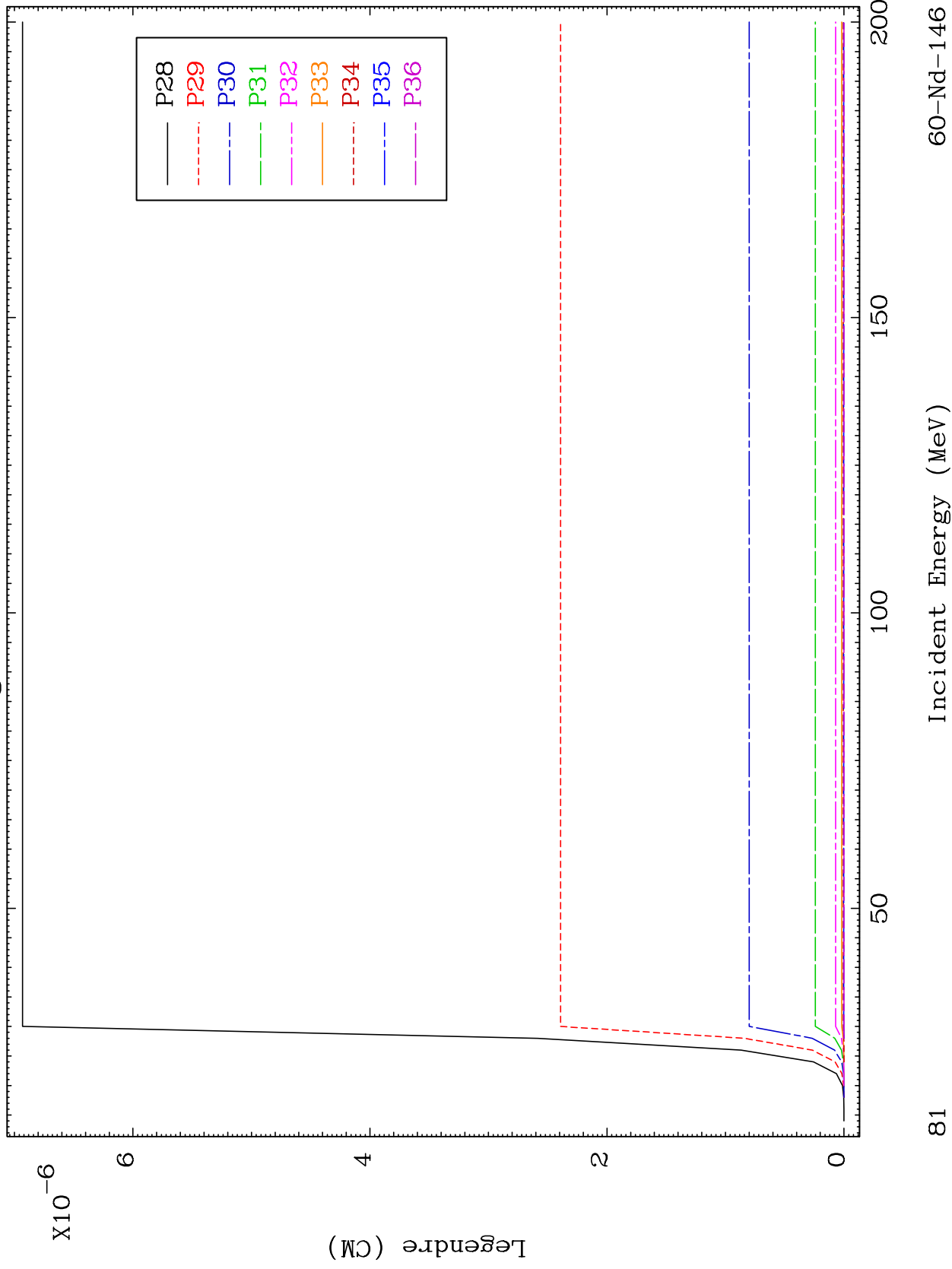
Incident Energy (MeV)

80

MAT 6037

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

60-Nd-146



81

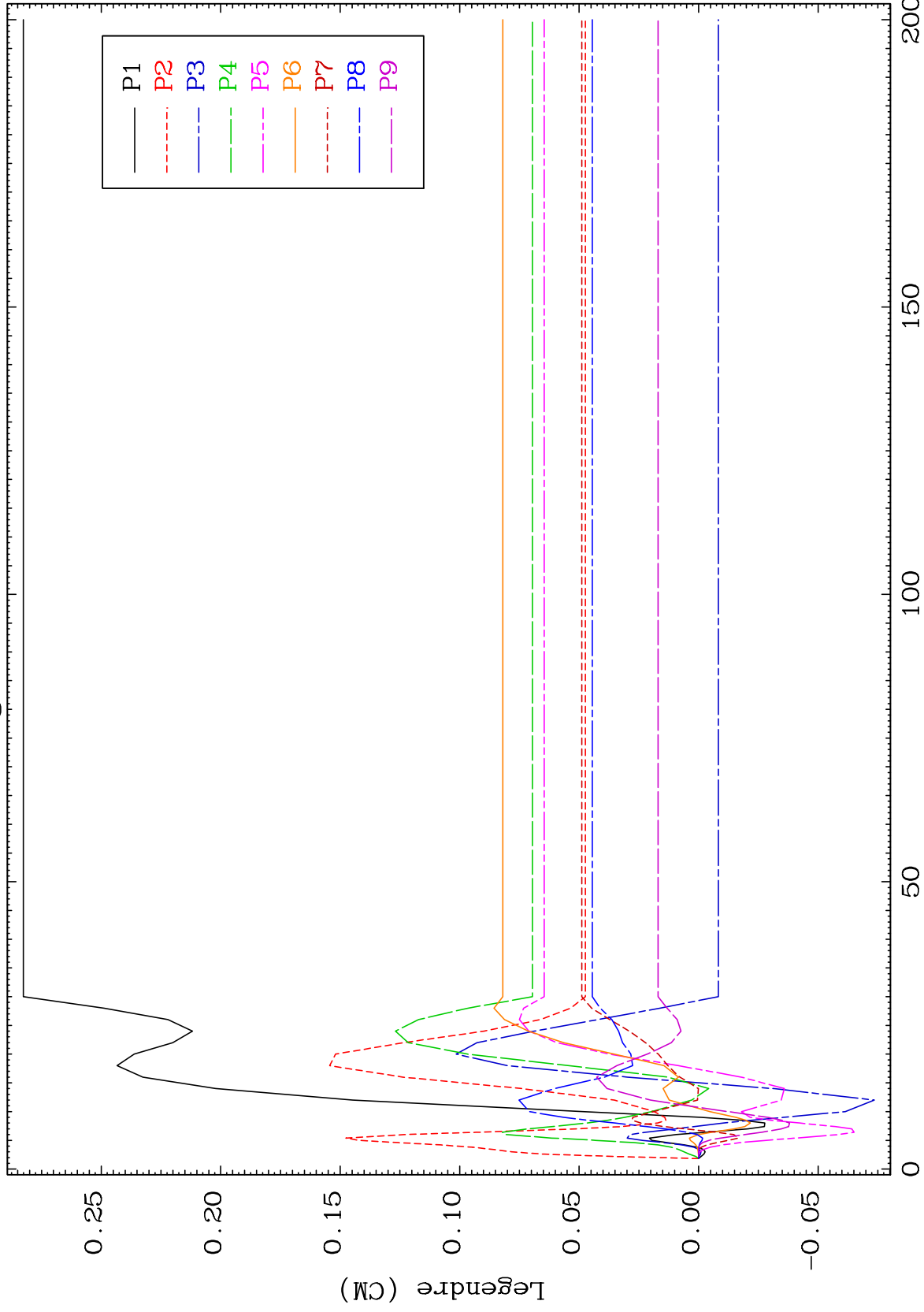
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



82

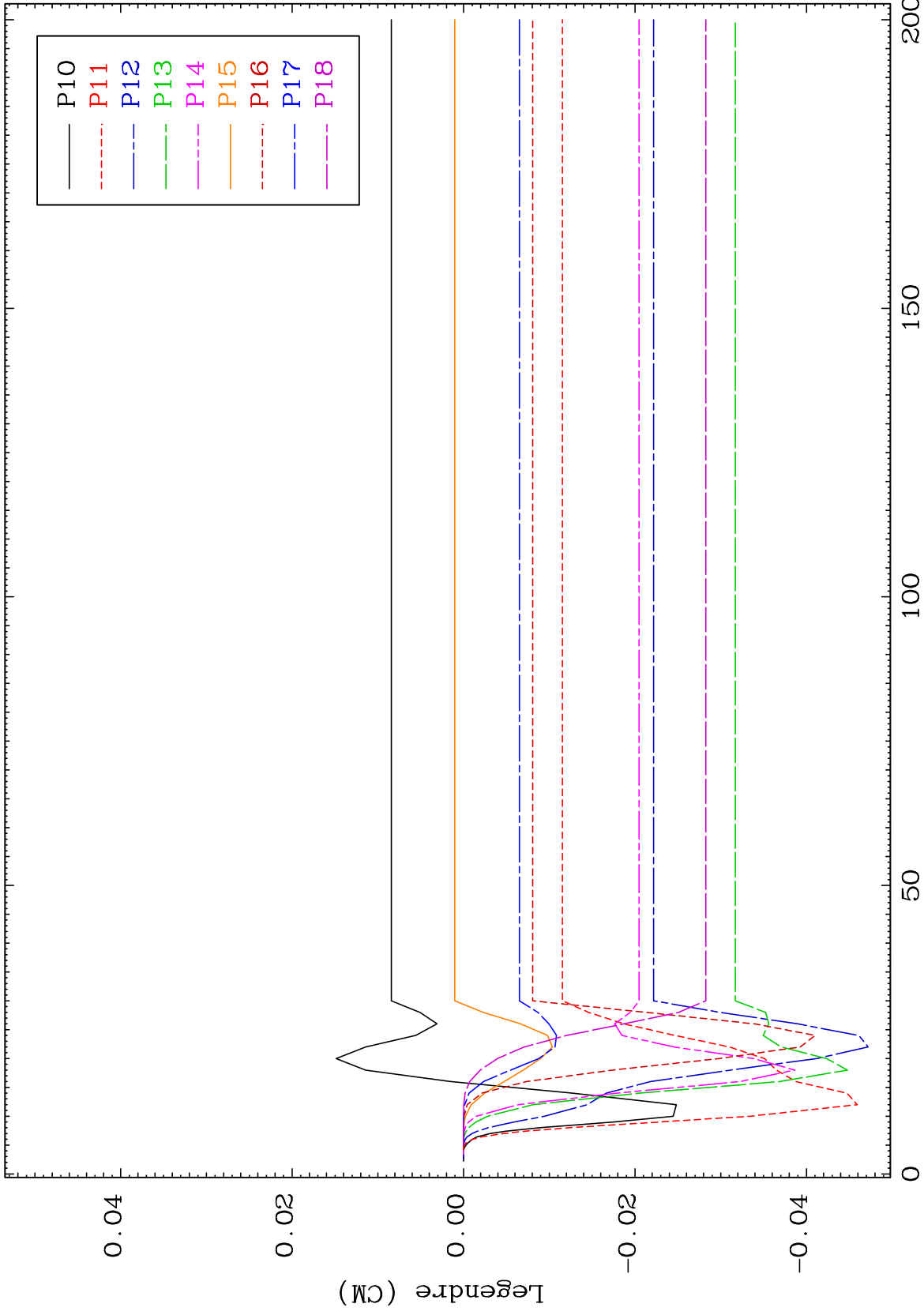
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

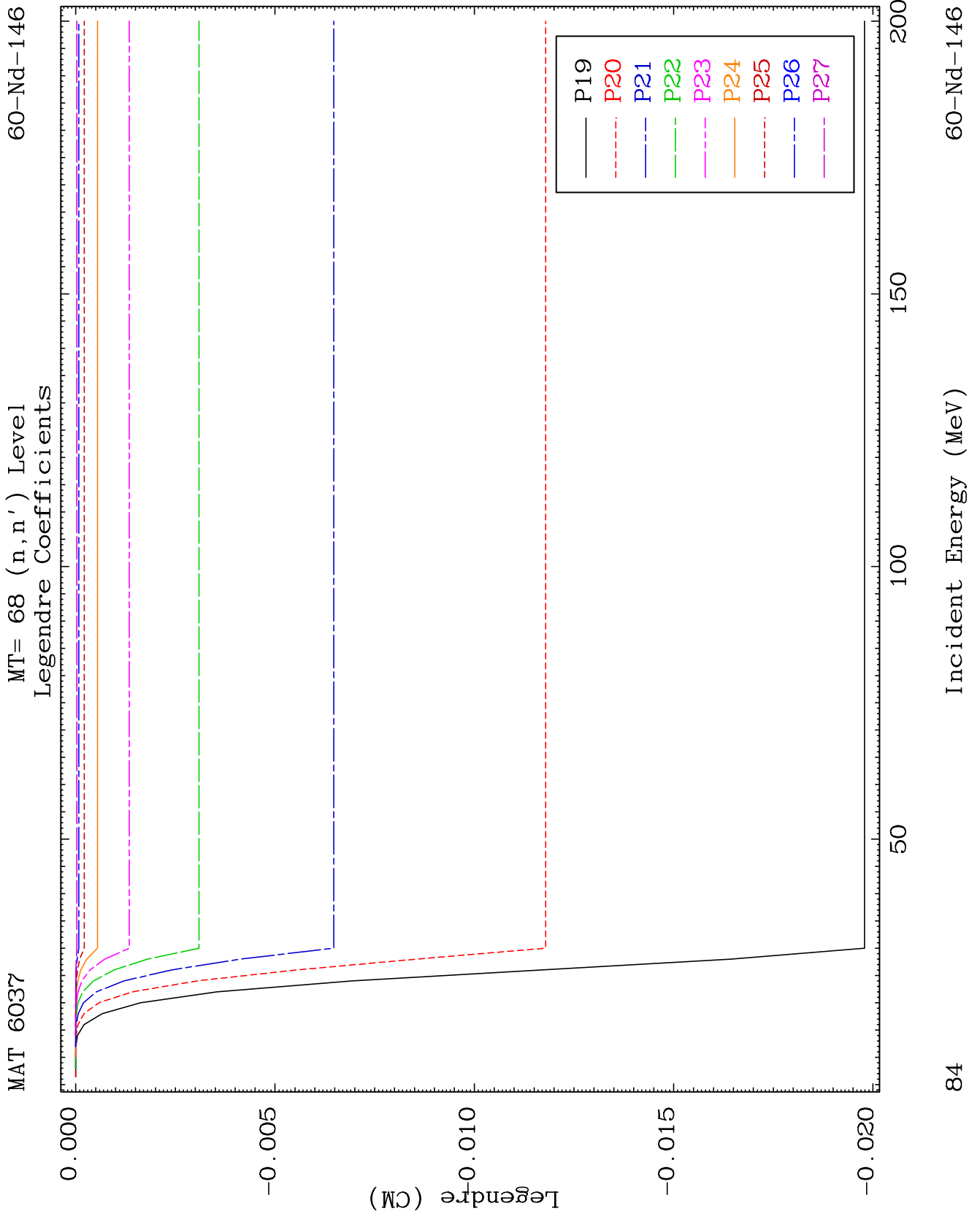
60-Nd-146

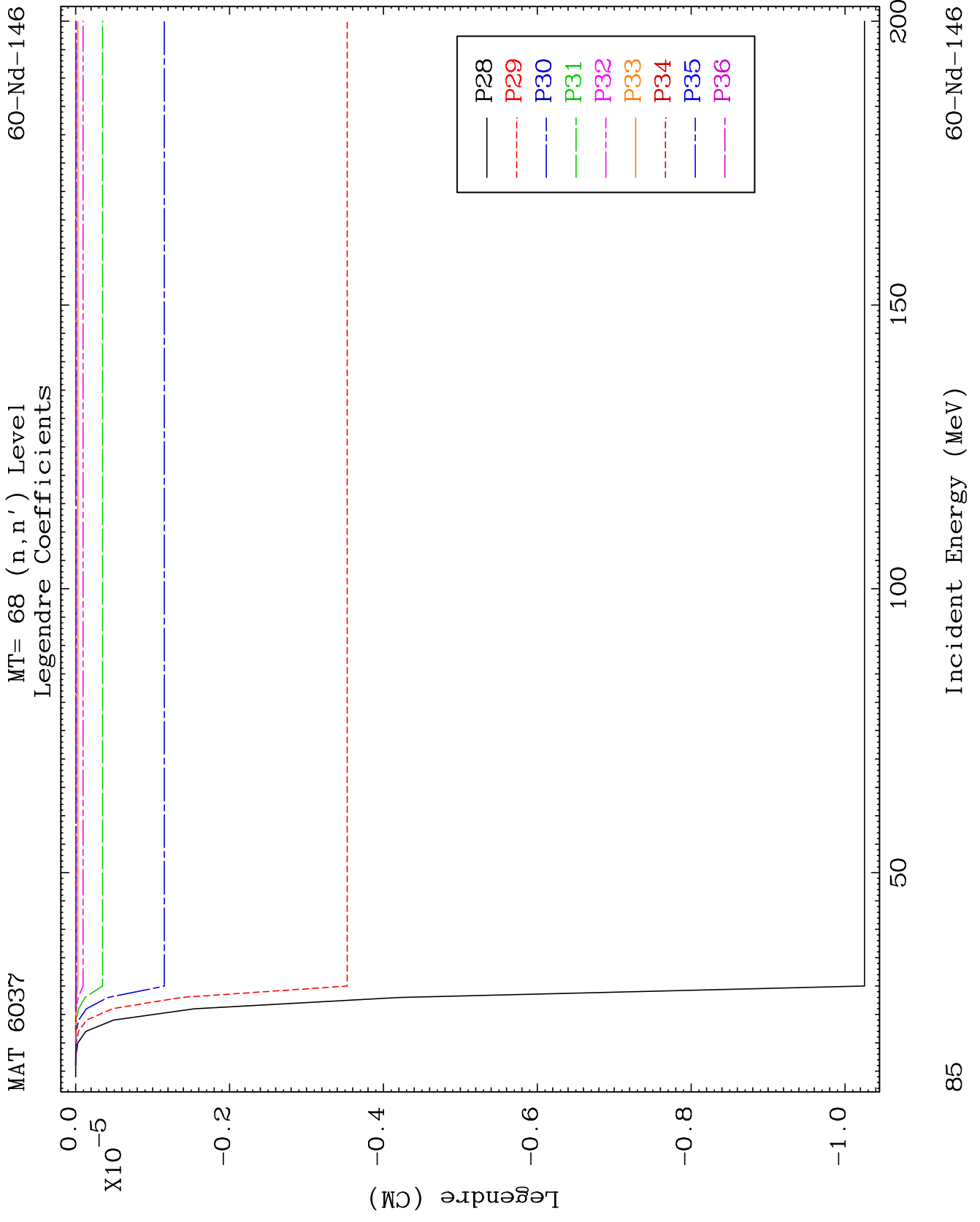


83

Incident Energy (MeV)

60-Nd-146

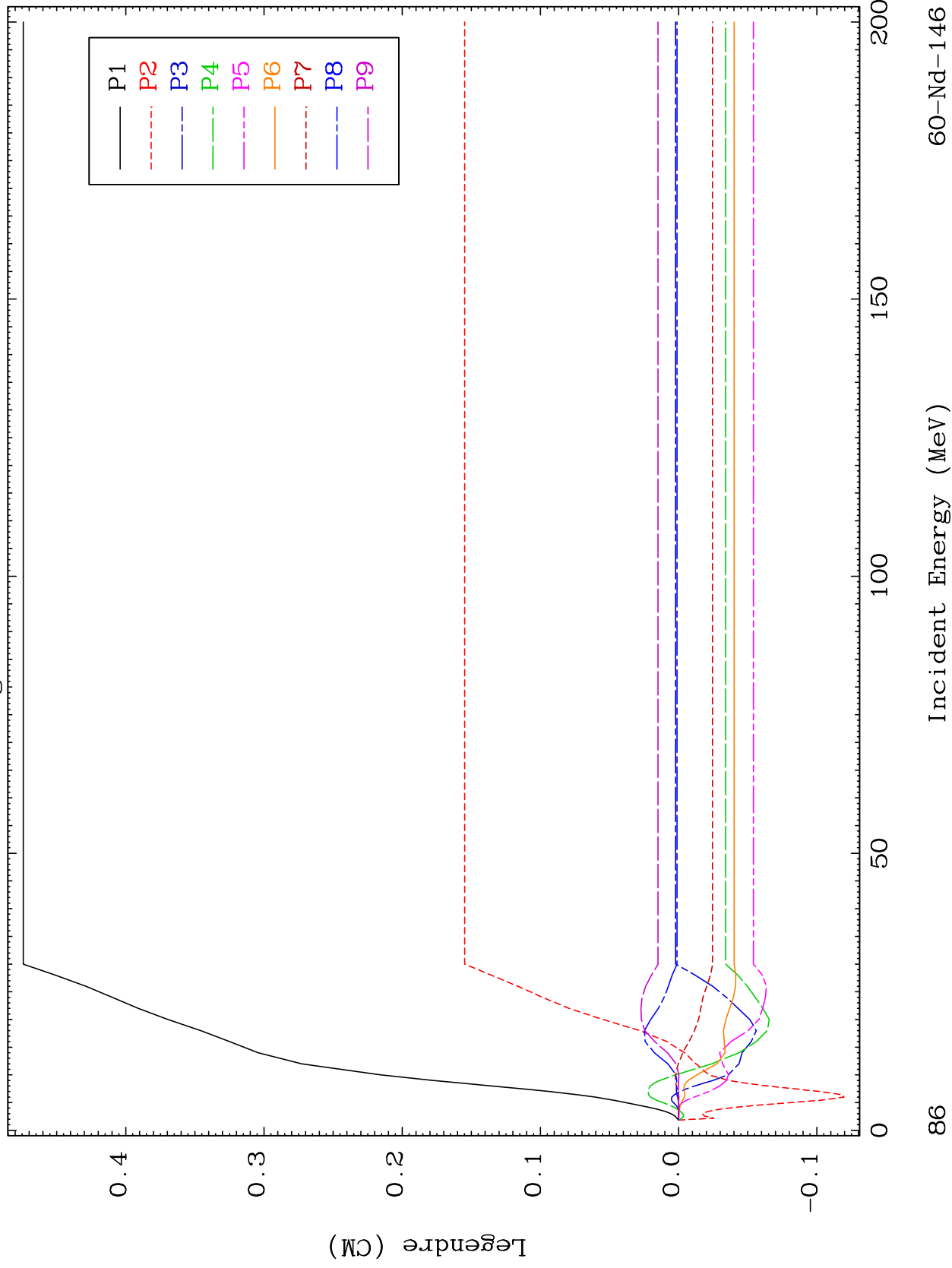




MAT 6037

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

60-Nd-146



60-Nd-146

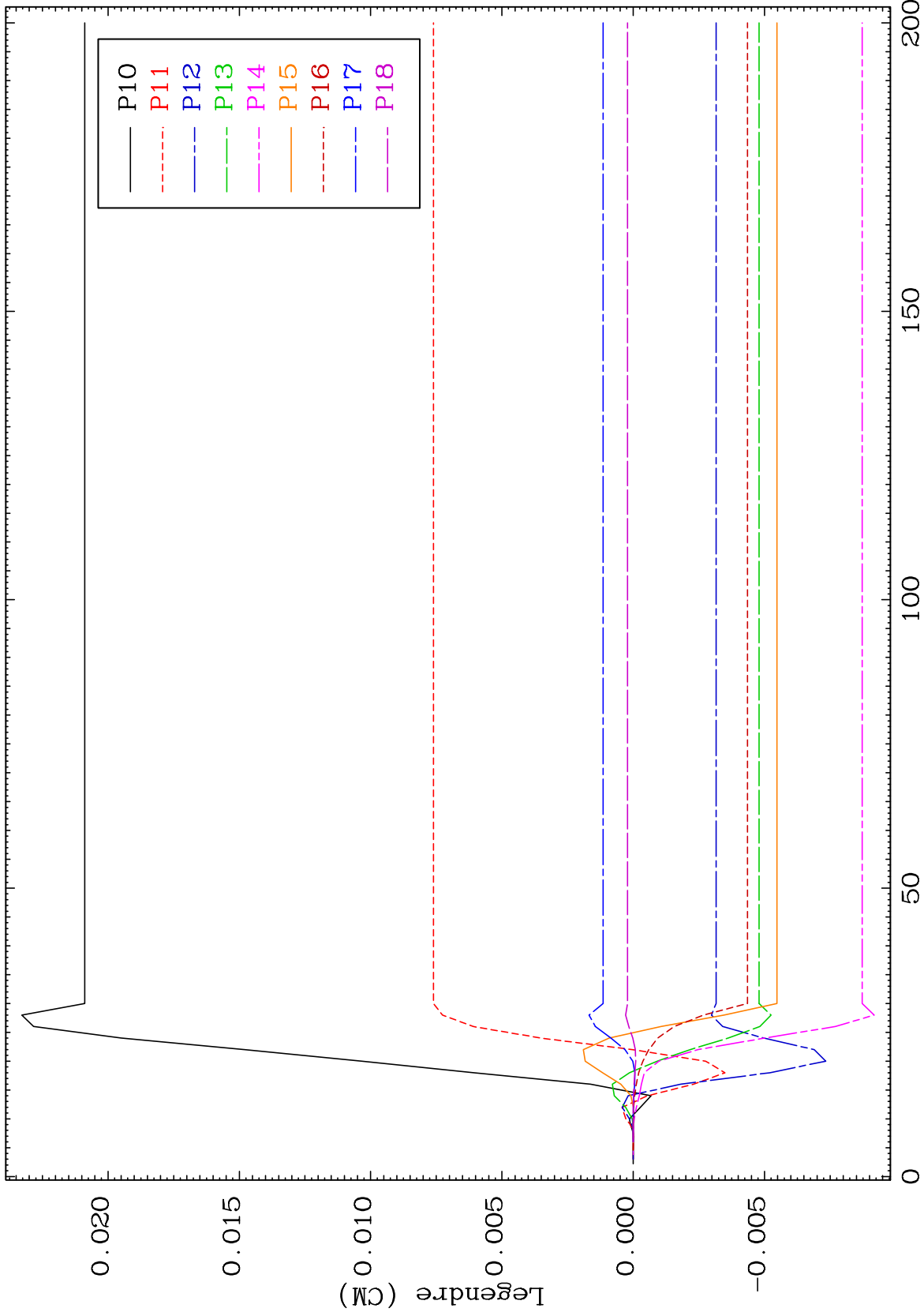
Incident Energy (MeV)

86

MAT 6037

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

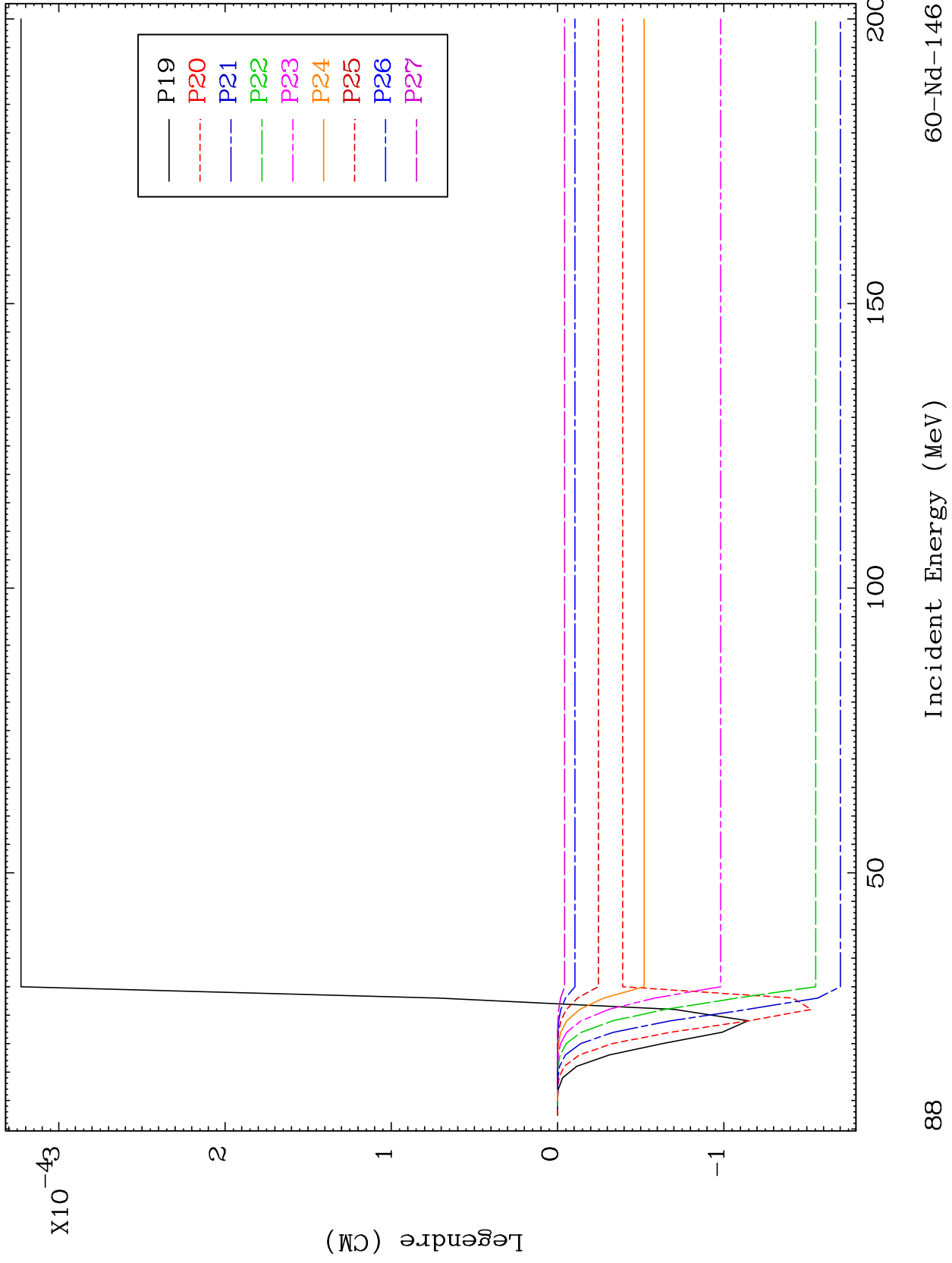
60-Nd-146

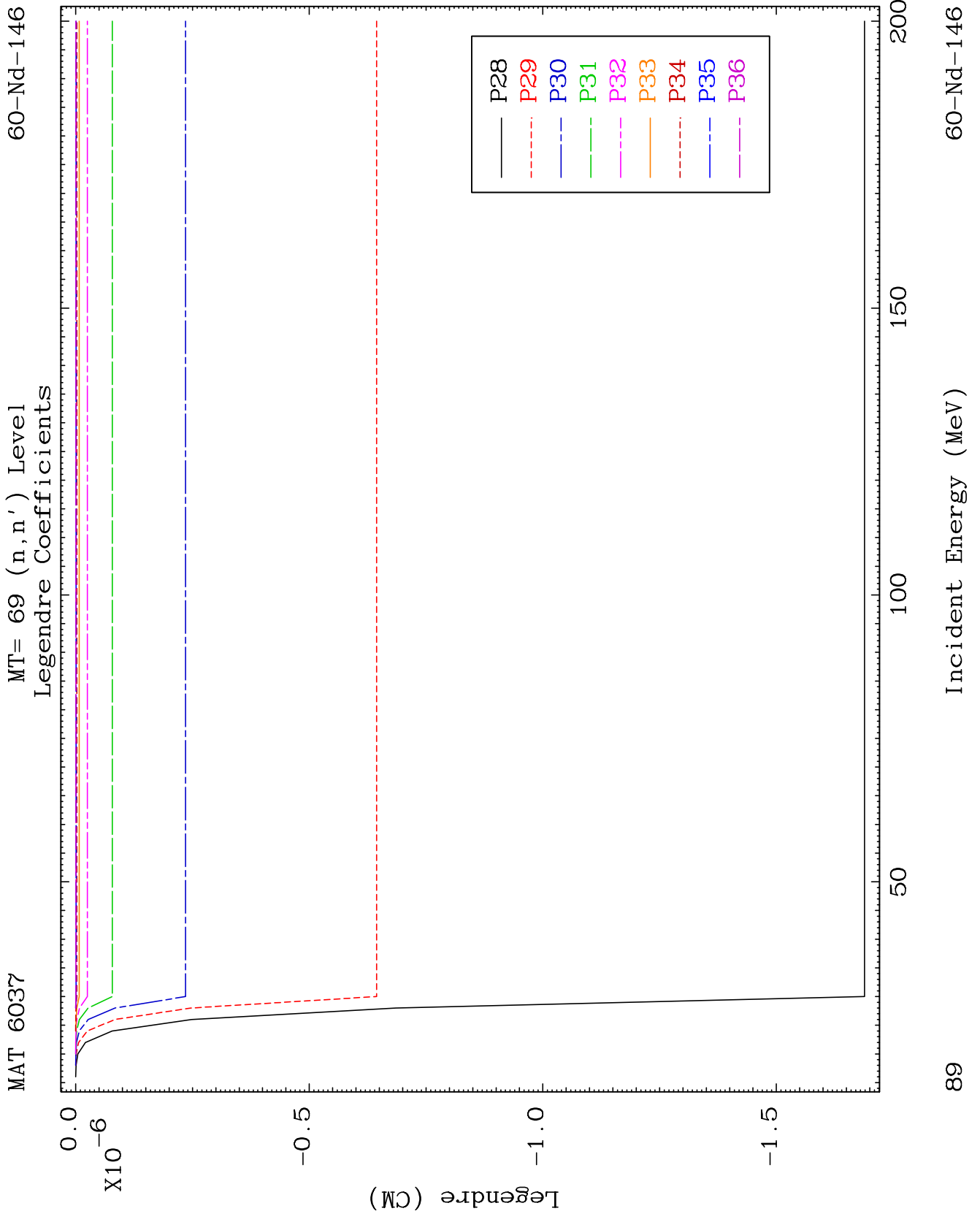


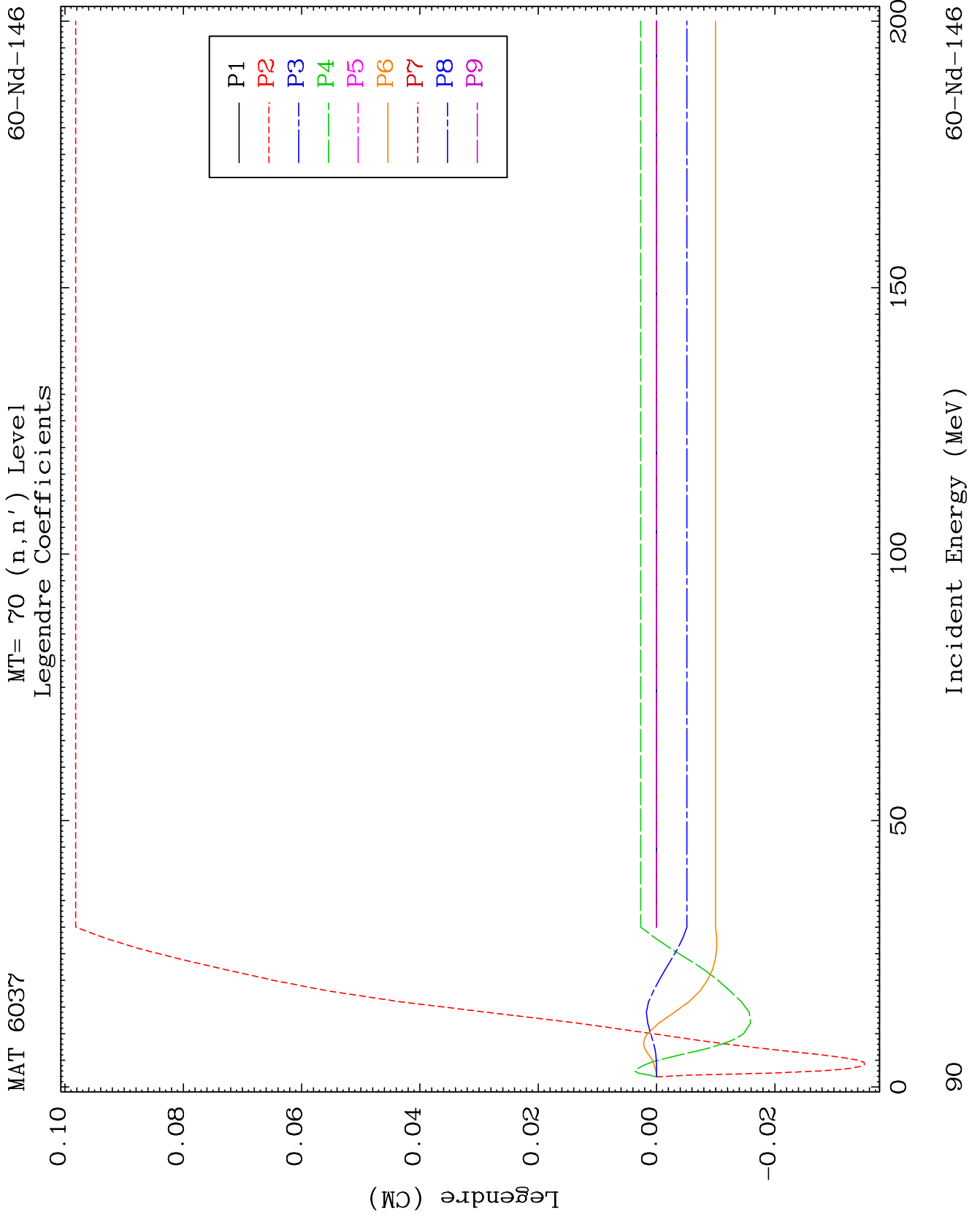
87

Incident Energy (MeV)

60-Nd-146



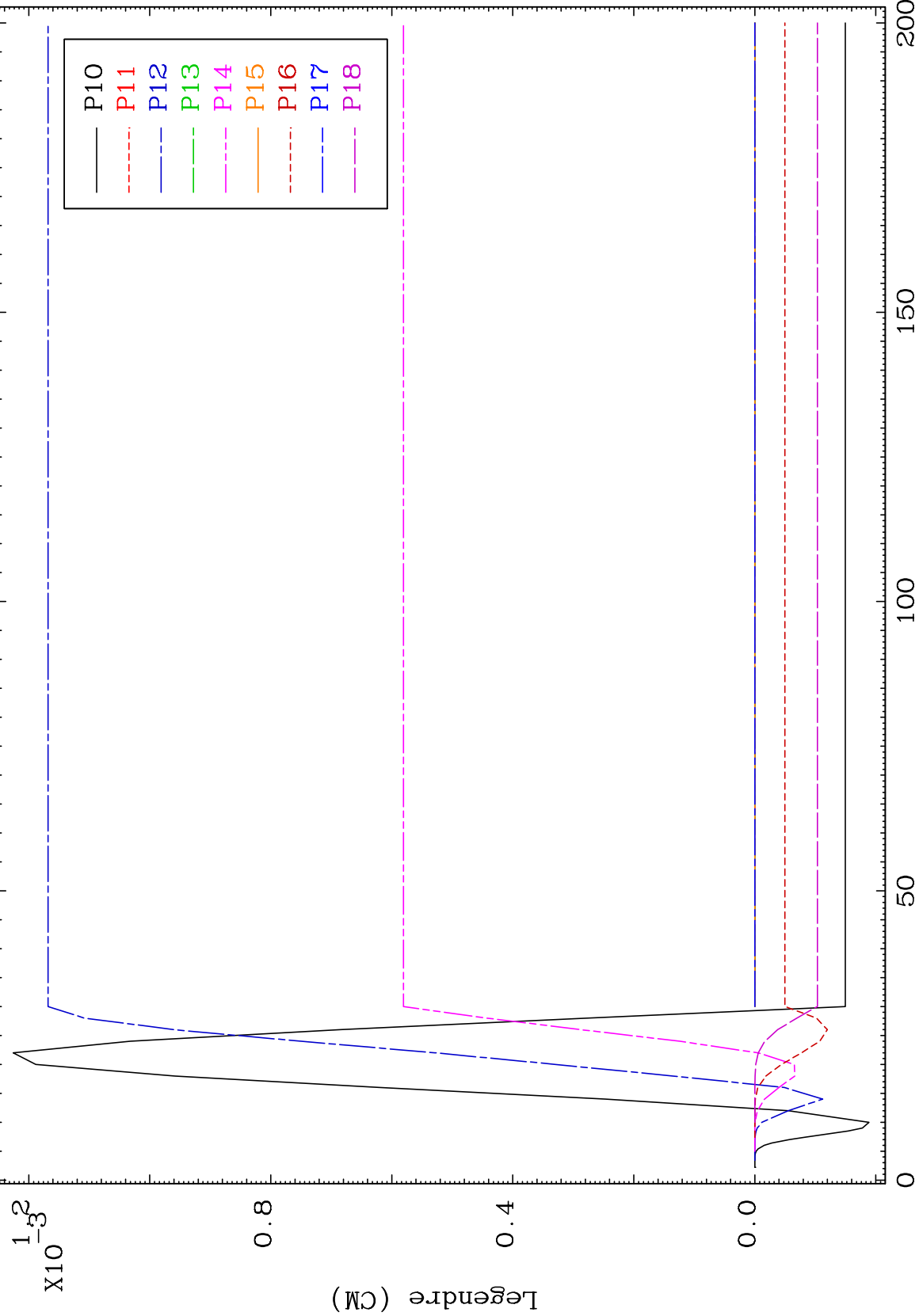




MAT 6037

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

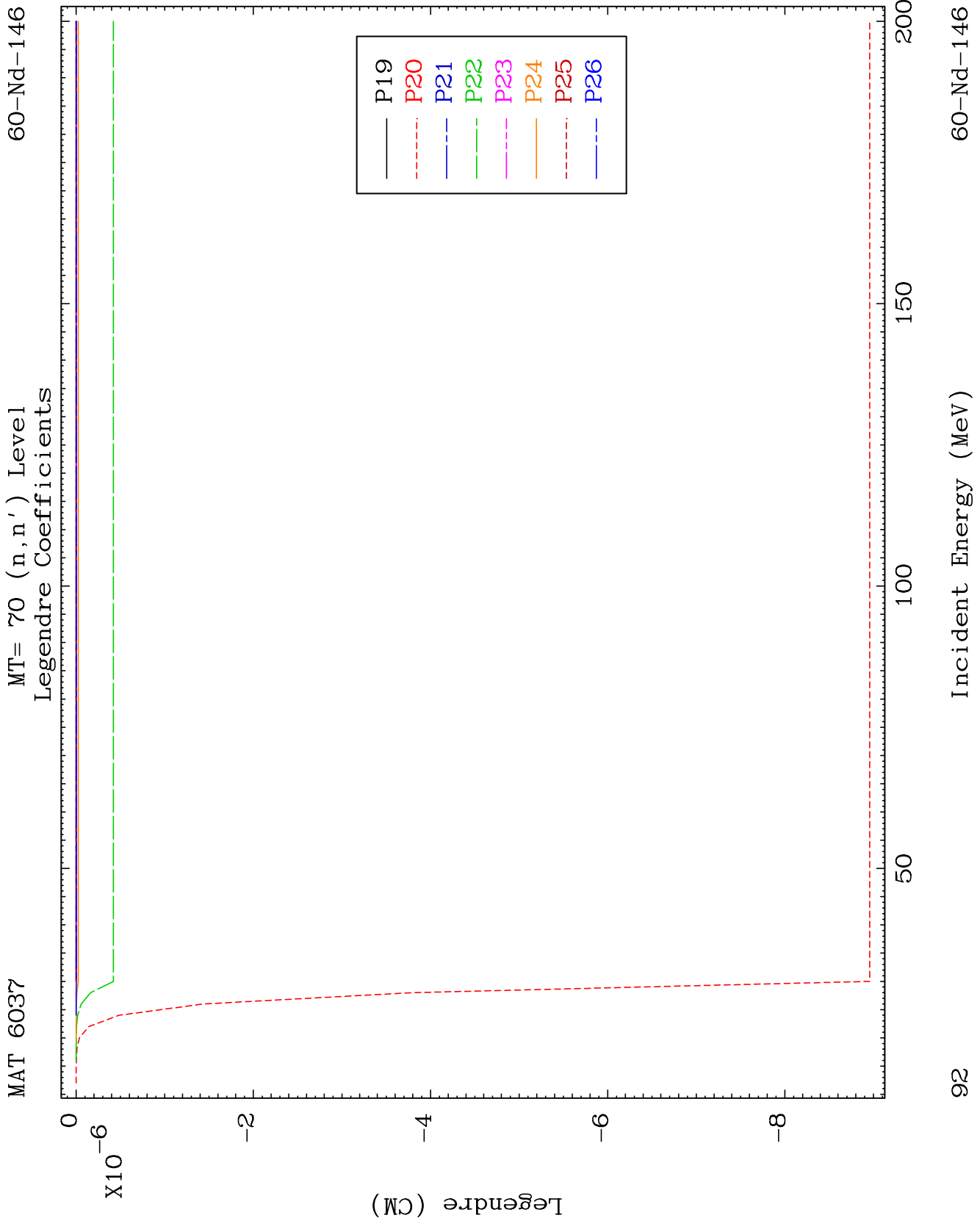
60-Nd-146



91

Incident Energy (MeV)

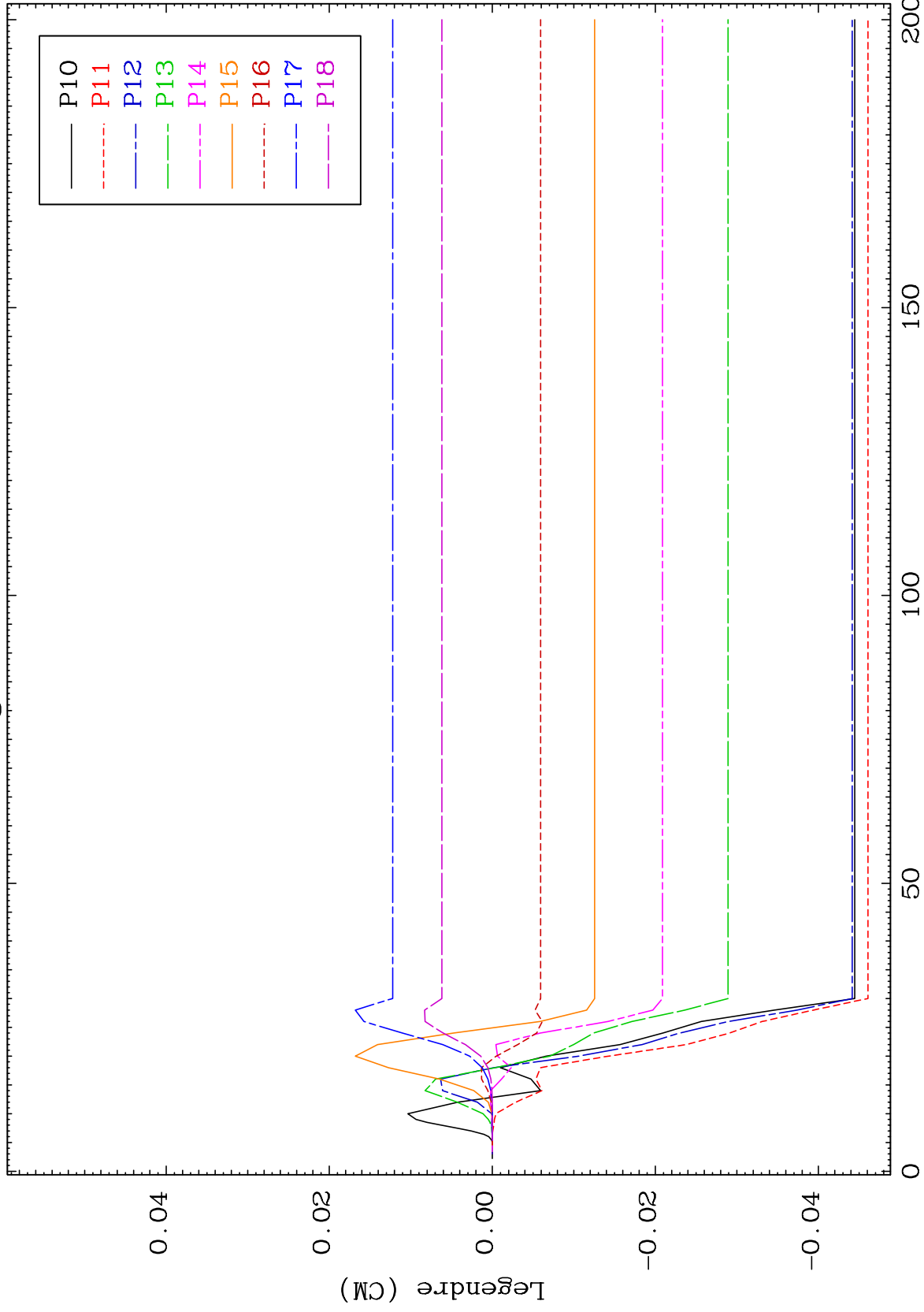
60-Nd-146



MAT 6037

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

60-Nd-146



94

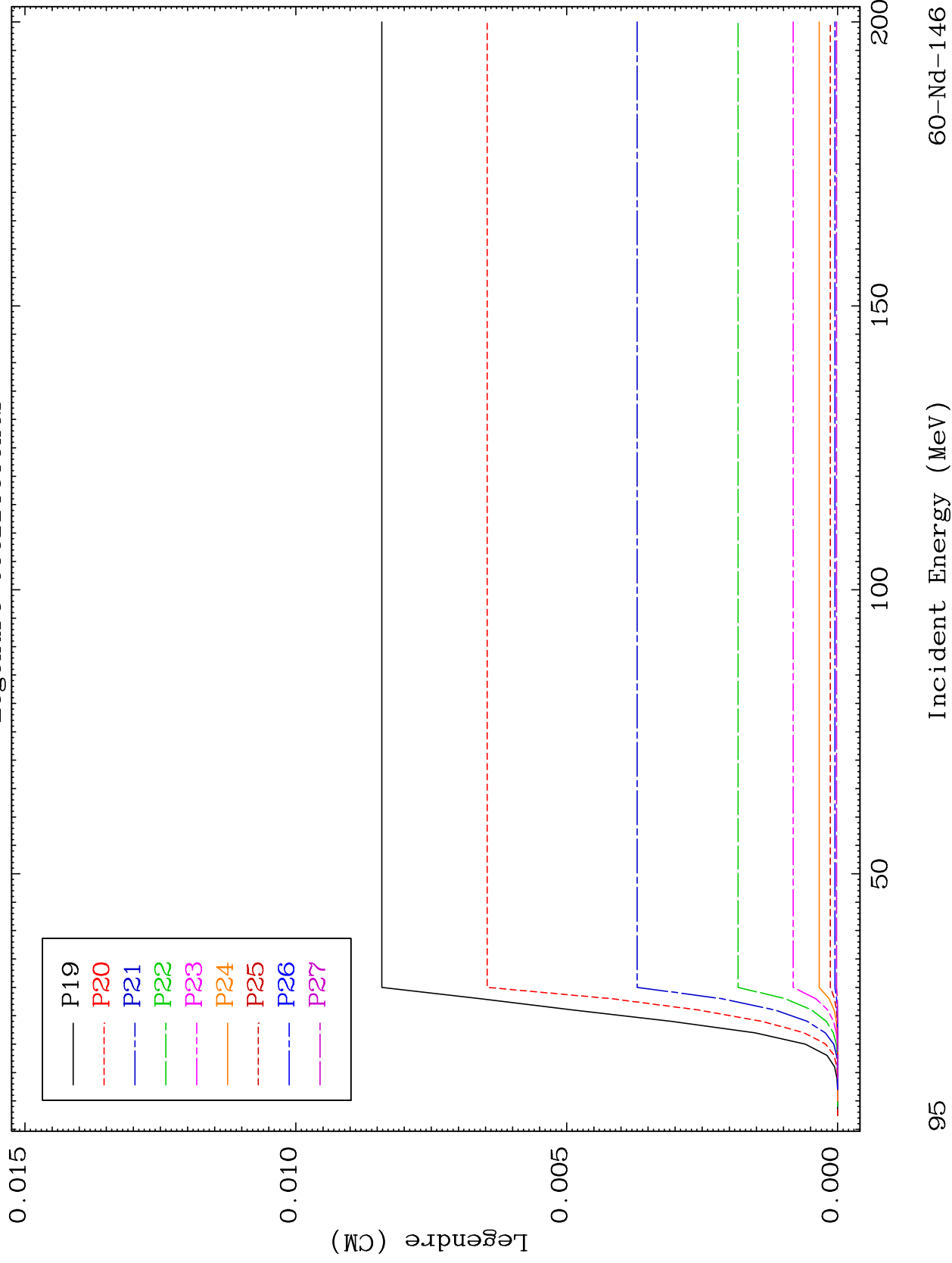
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



95

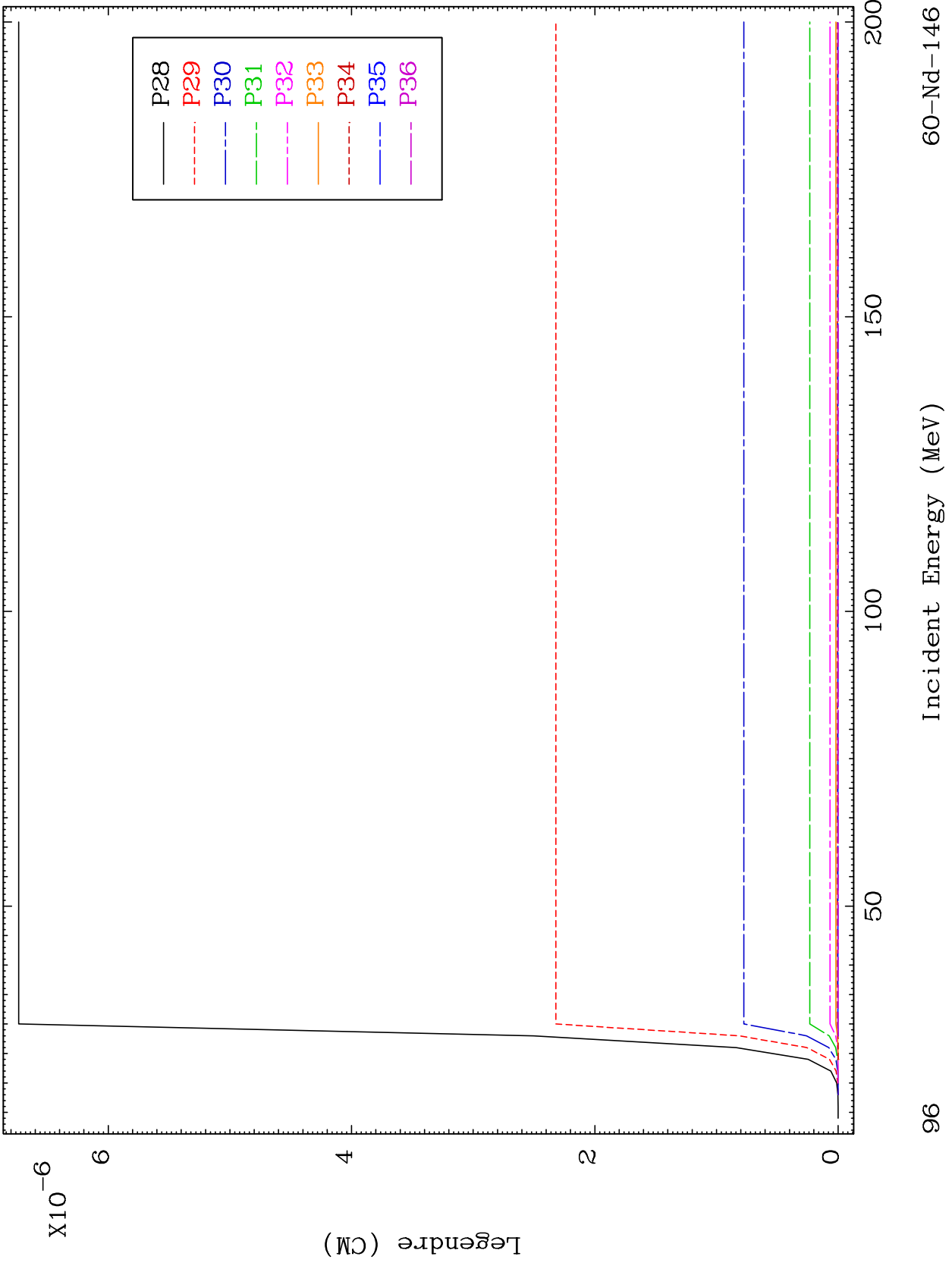
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



96

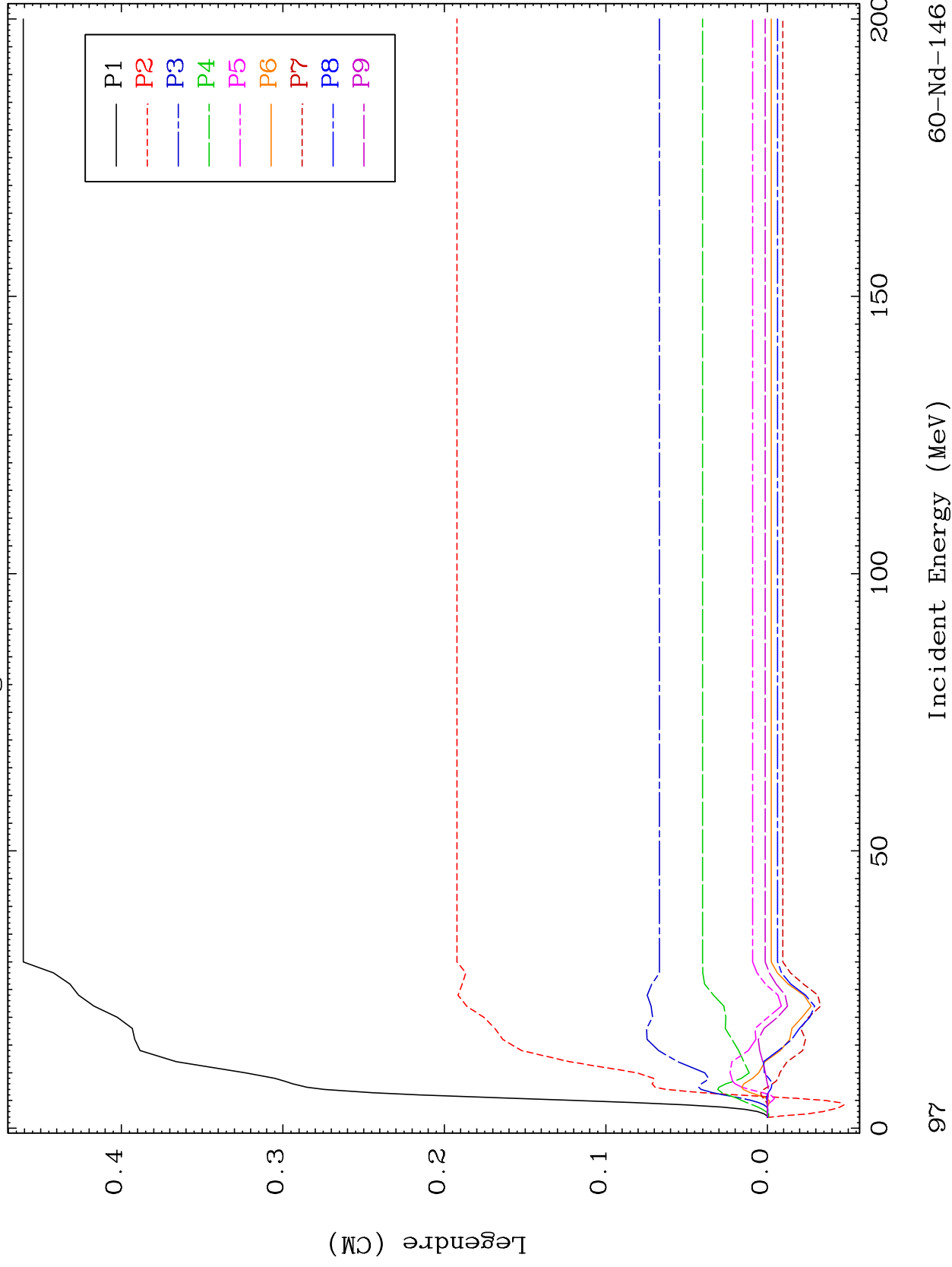
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

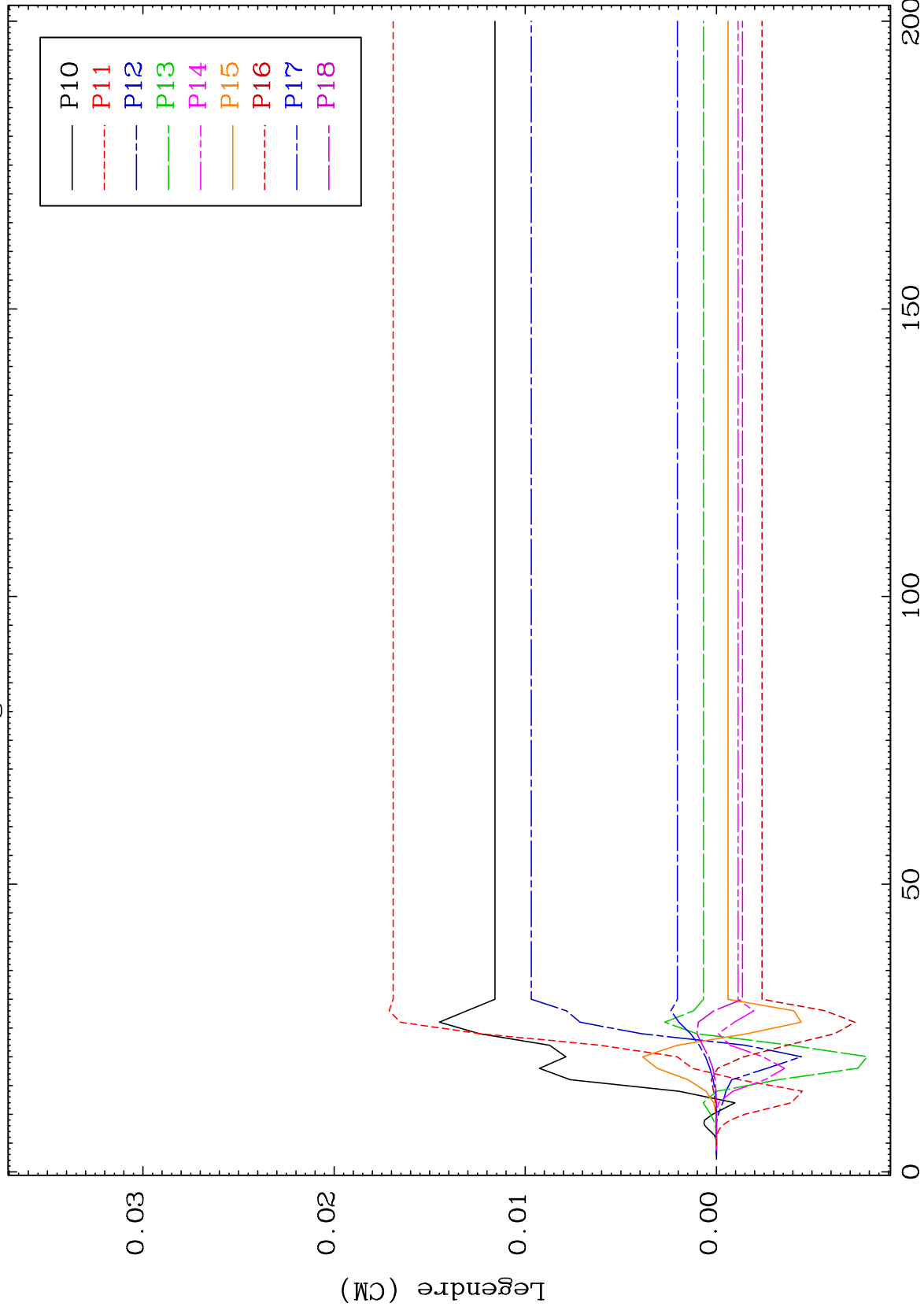
Incident Energy (MeV)

97

MAT 6037

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

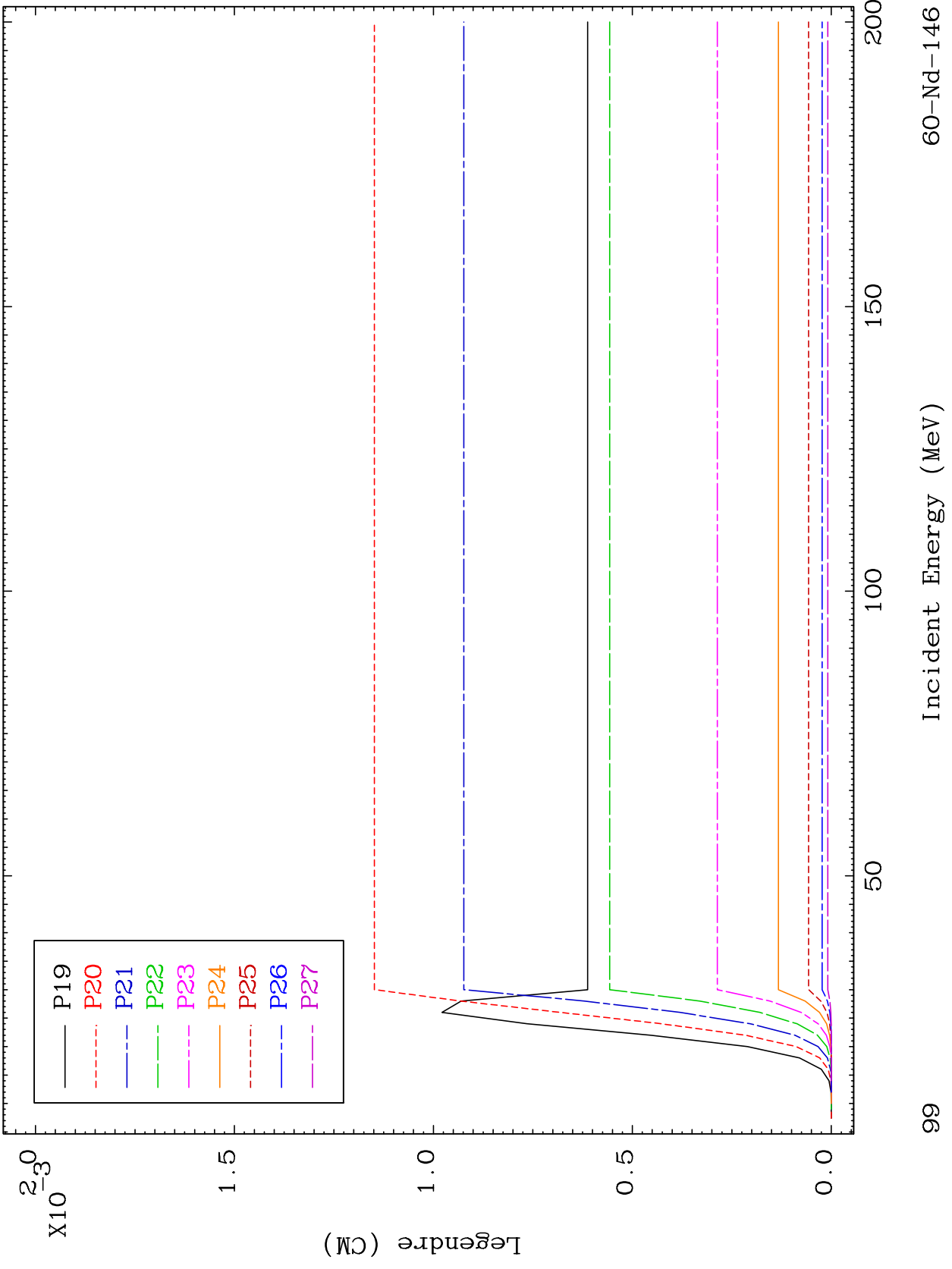
60-Nd-146



98

Incident Energy (MeV)

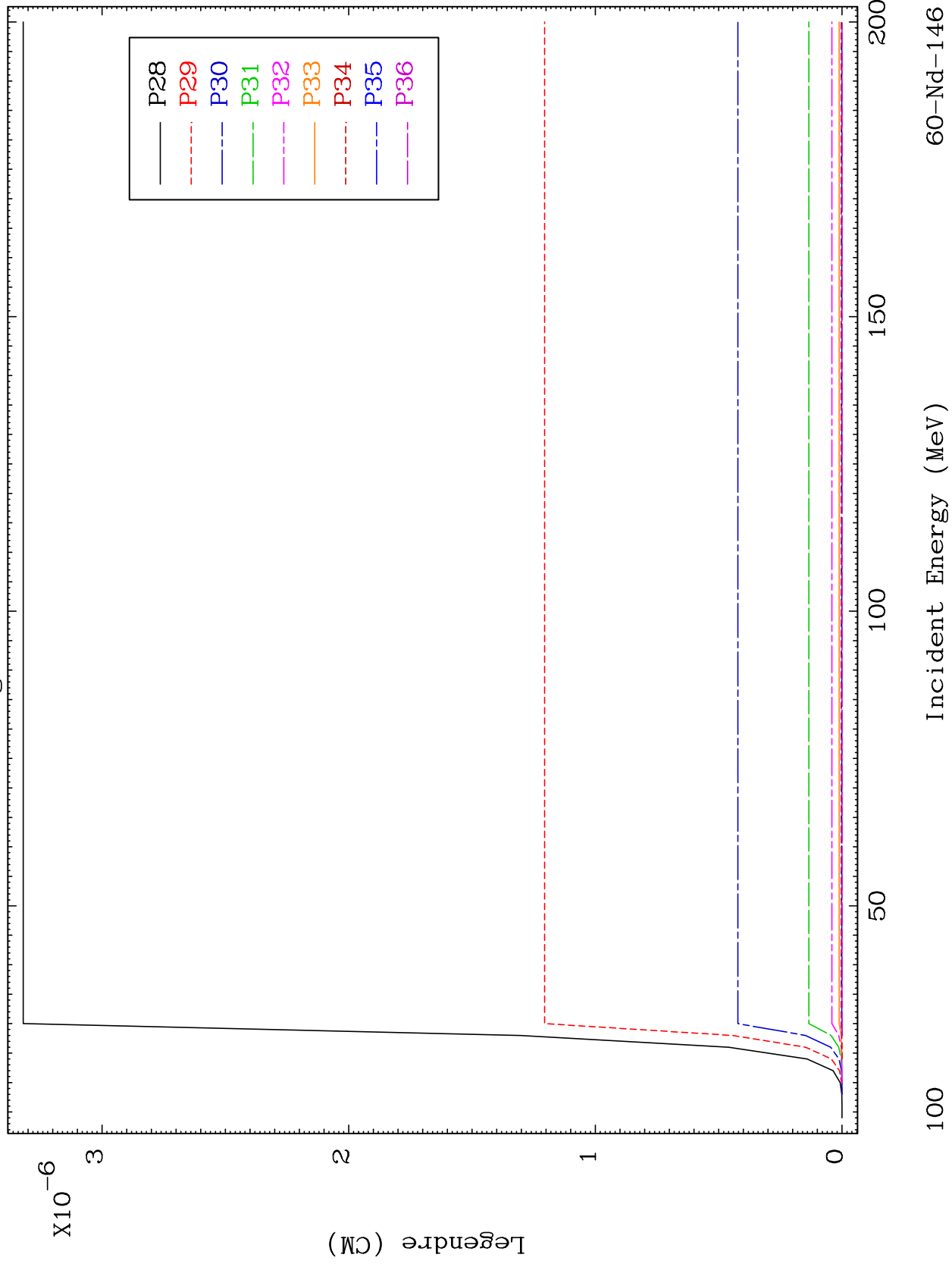
60-Nd-146

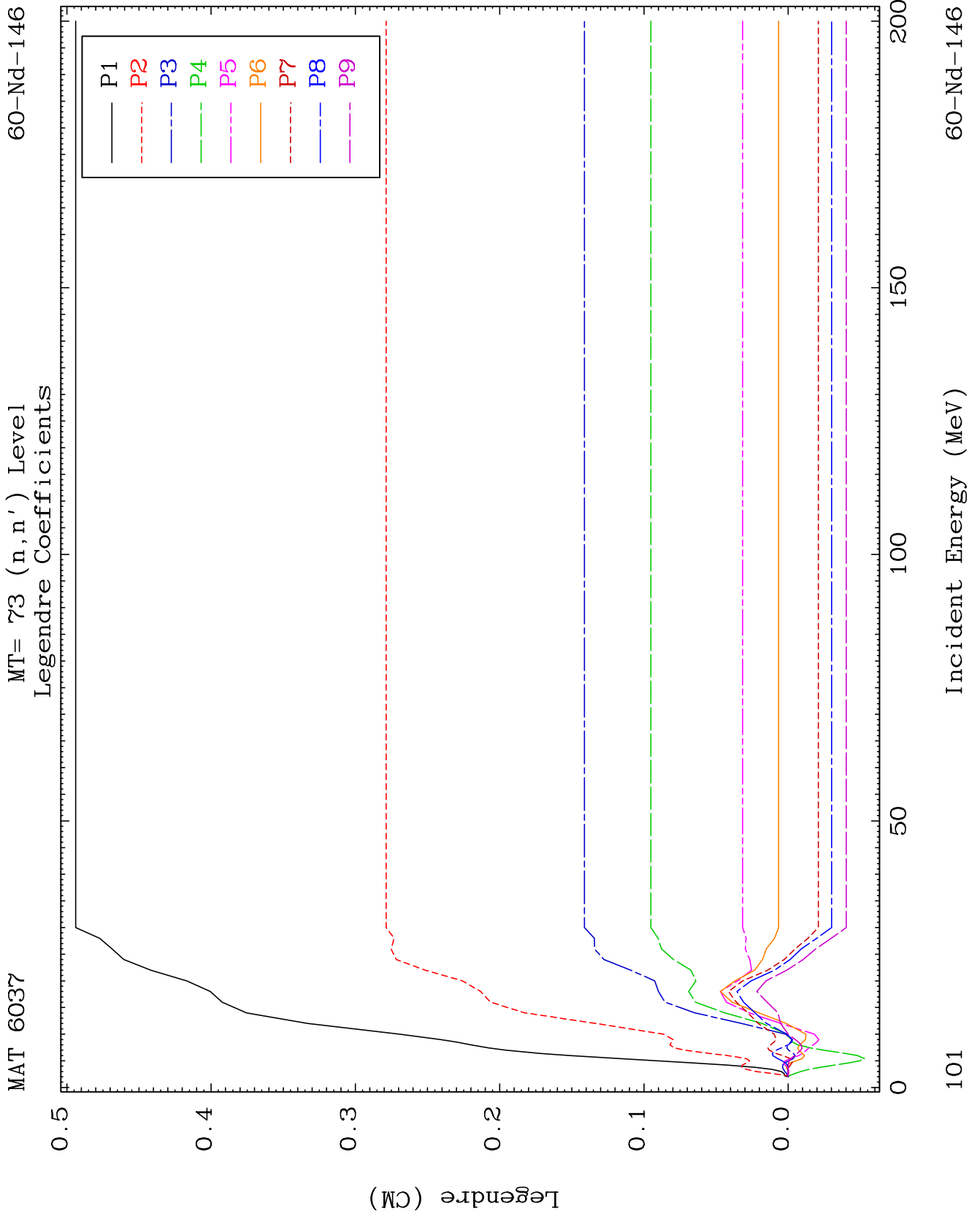


MAT 6037

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

60-Nd-146

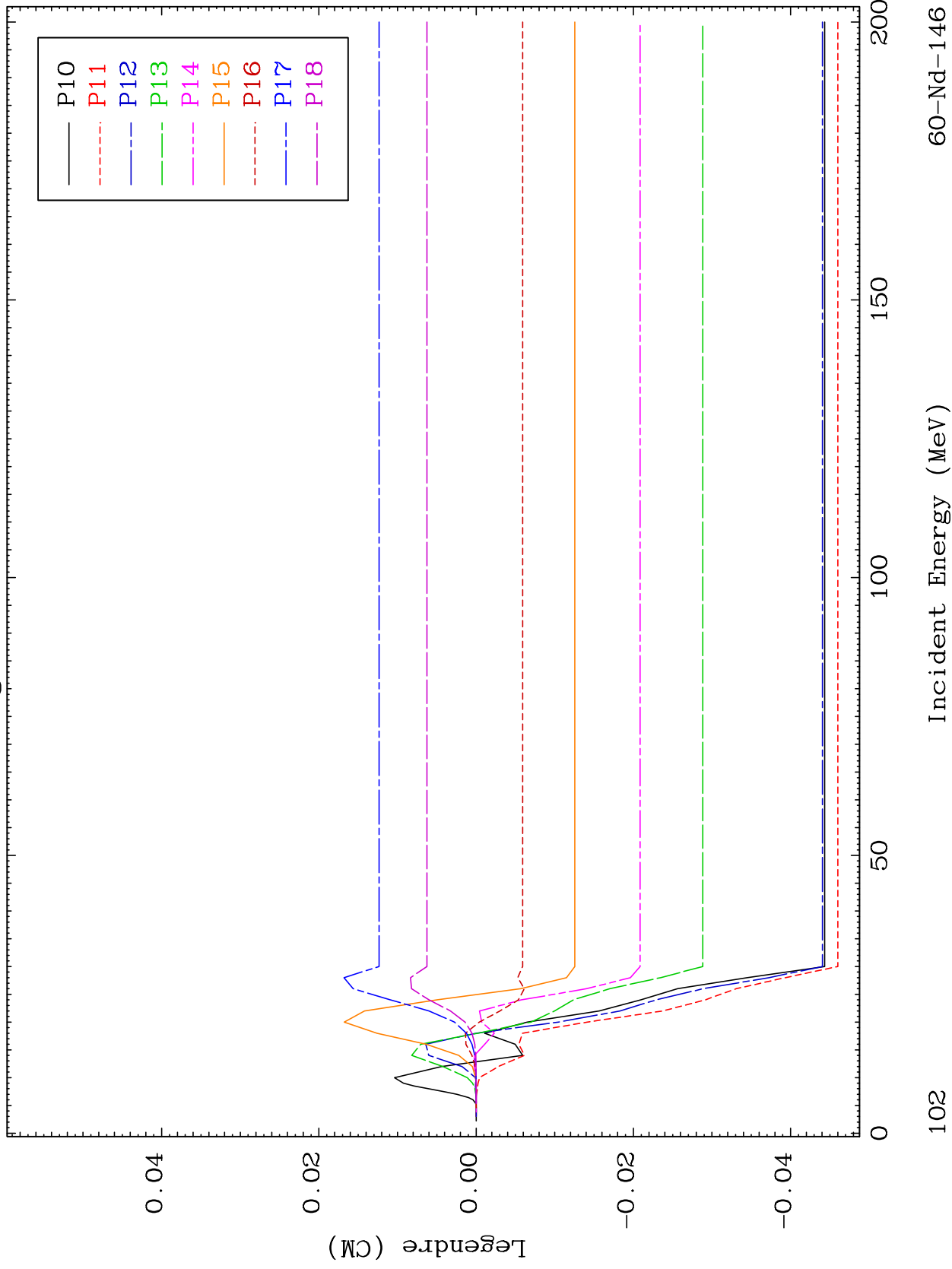




MAT 6037

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

60-Nd-146



60-Nd-146

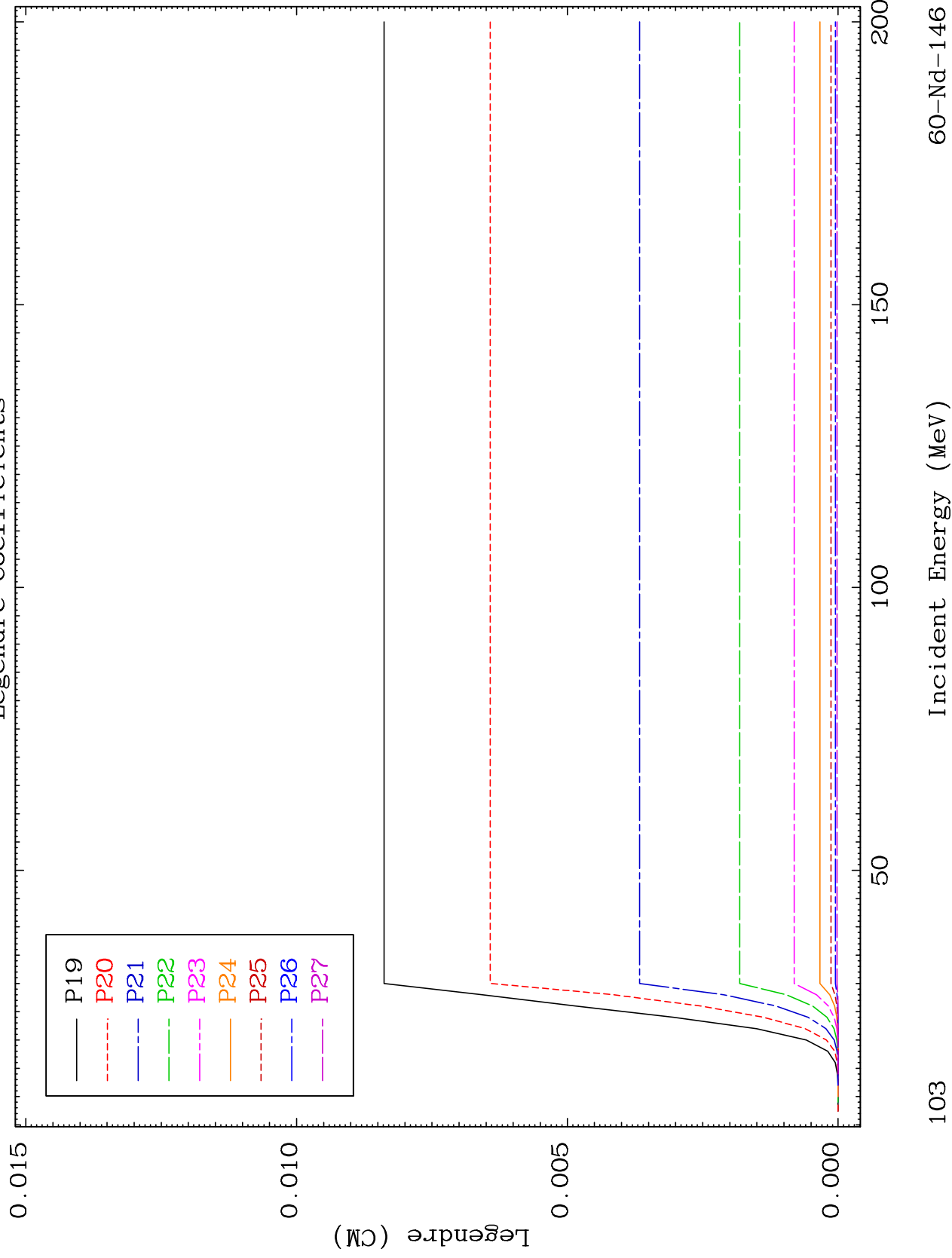
Incident Energy (MeV)

102

MAT 6037

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

60-Nd-146



103

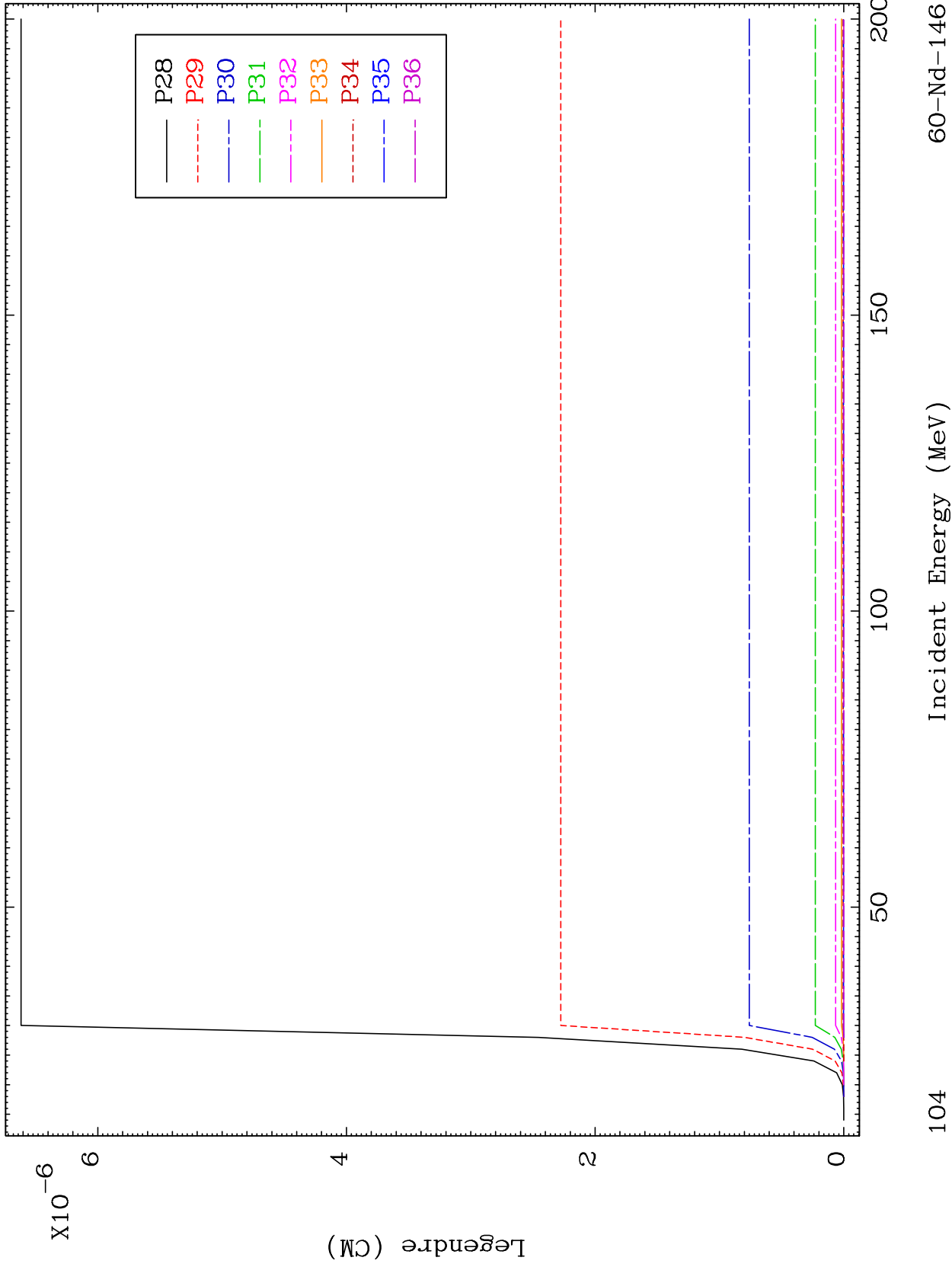
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



104

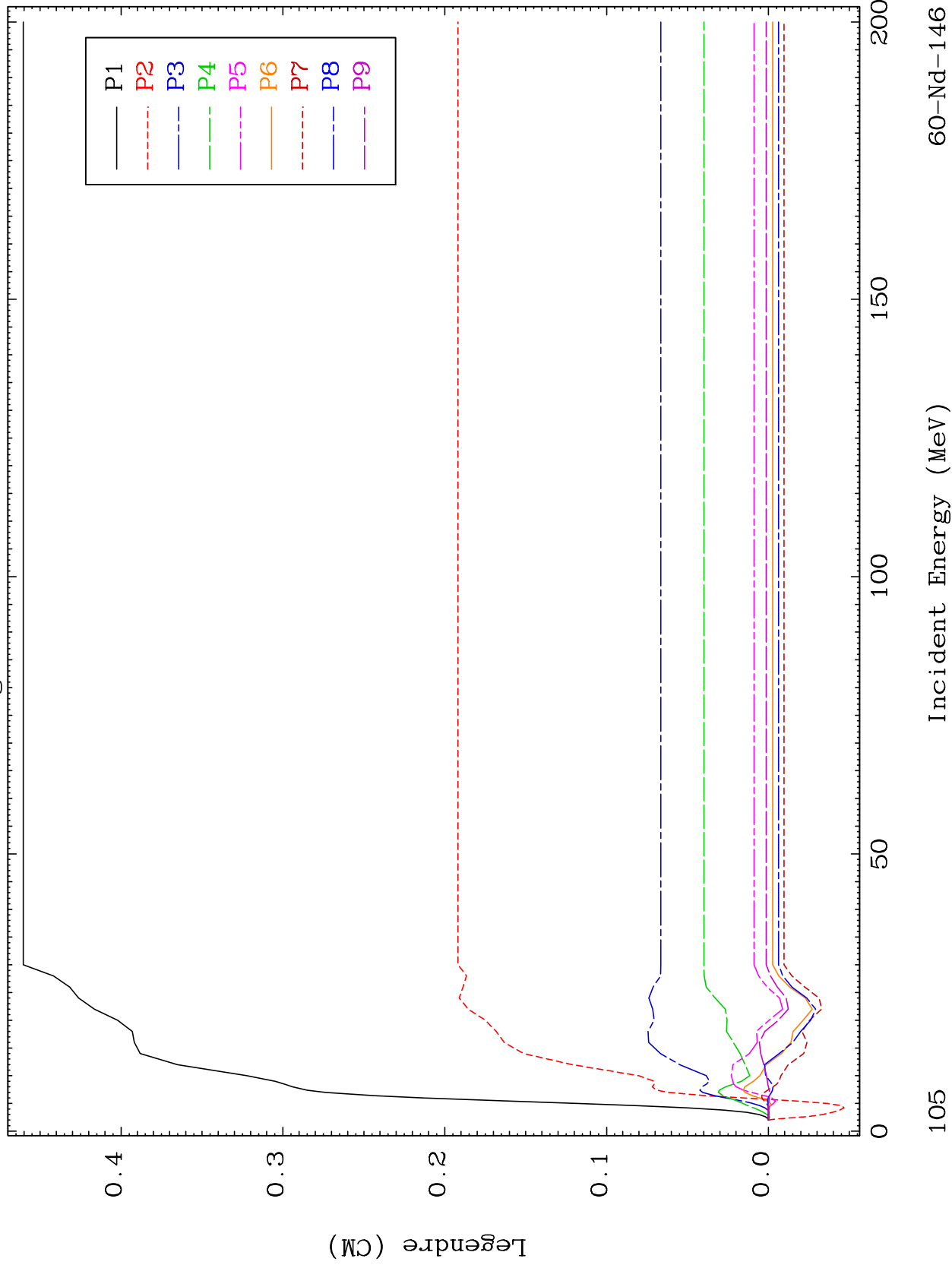
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

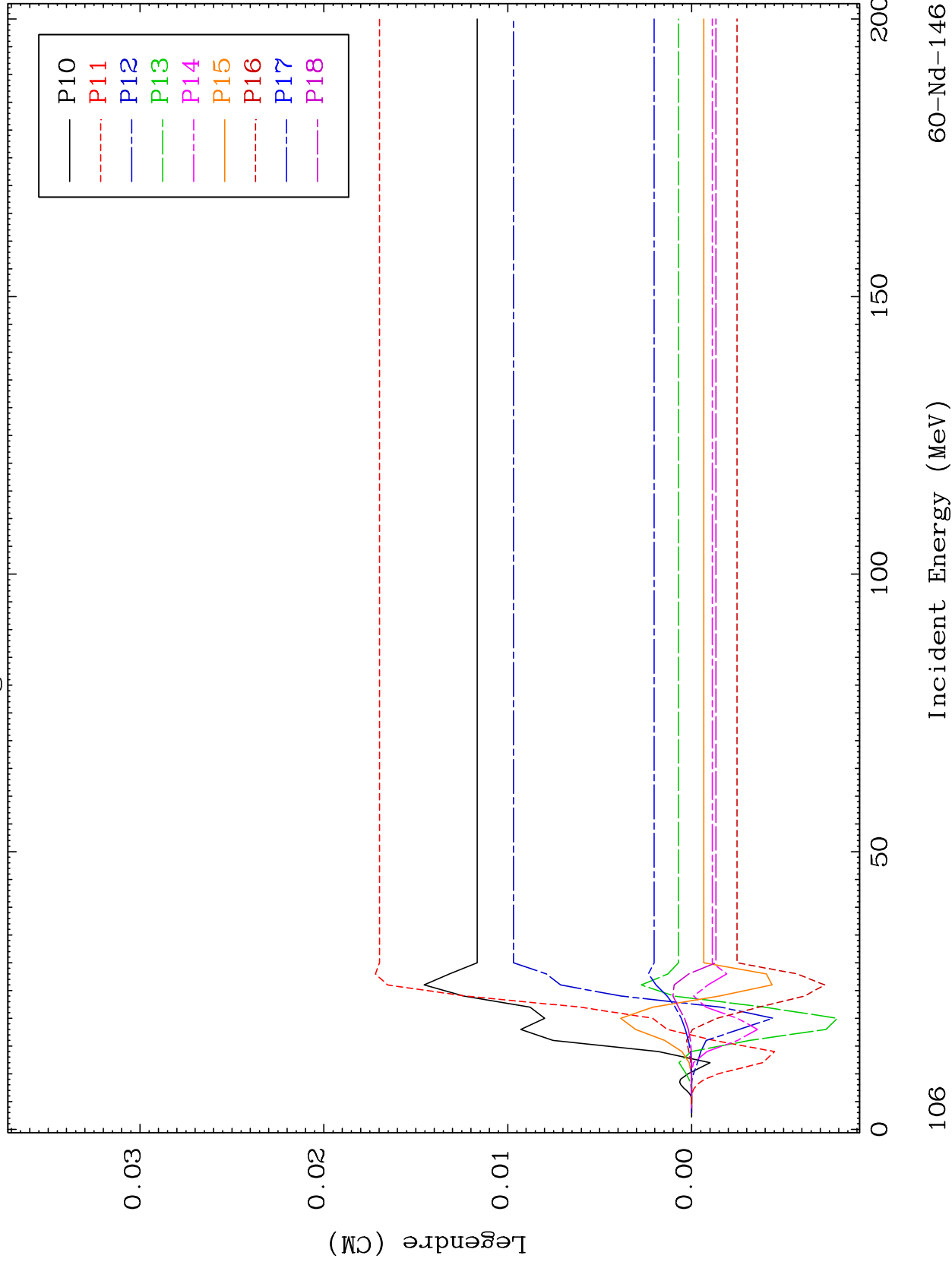
Incident Energy (MeV)

105

MAT 6037

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

60-Nd-146



60-Nd-146

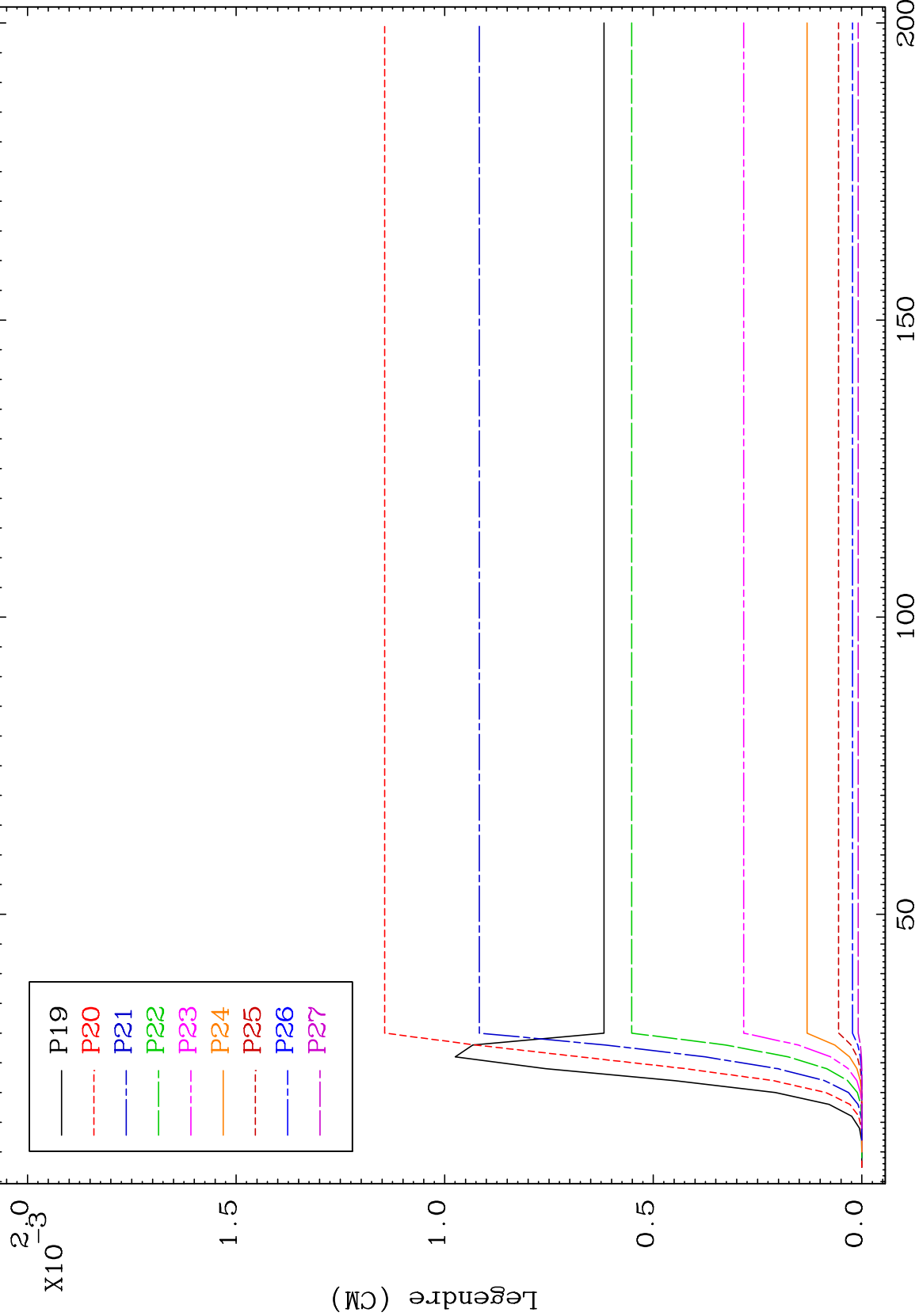
Incident Energy (MeV)

106

MAT 6037

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

60-Nd-146



107

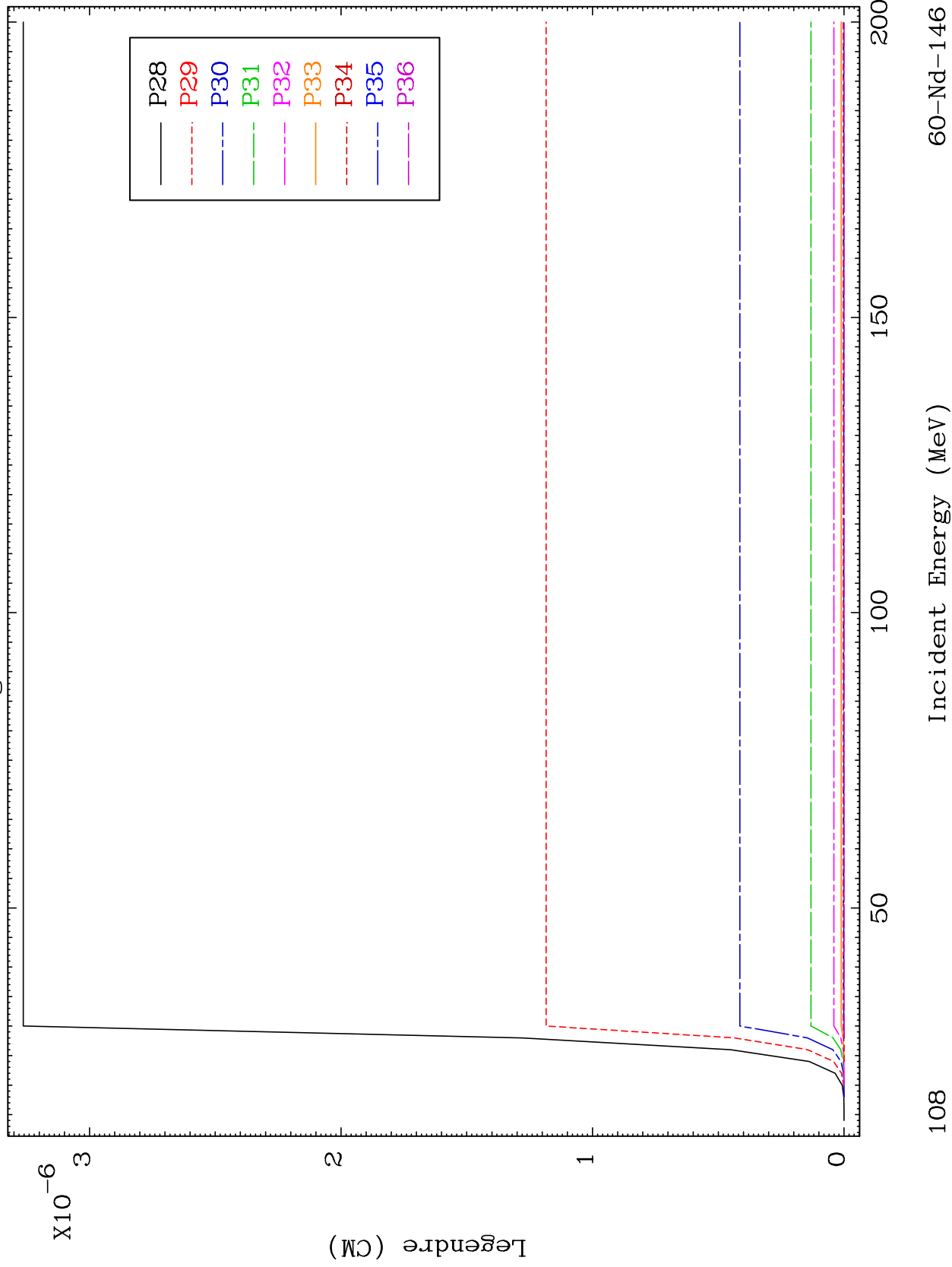
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

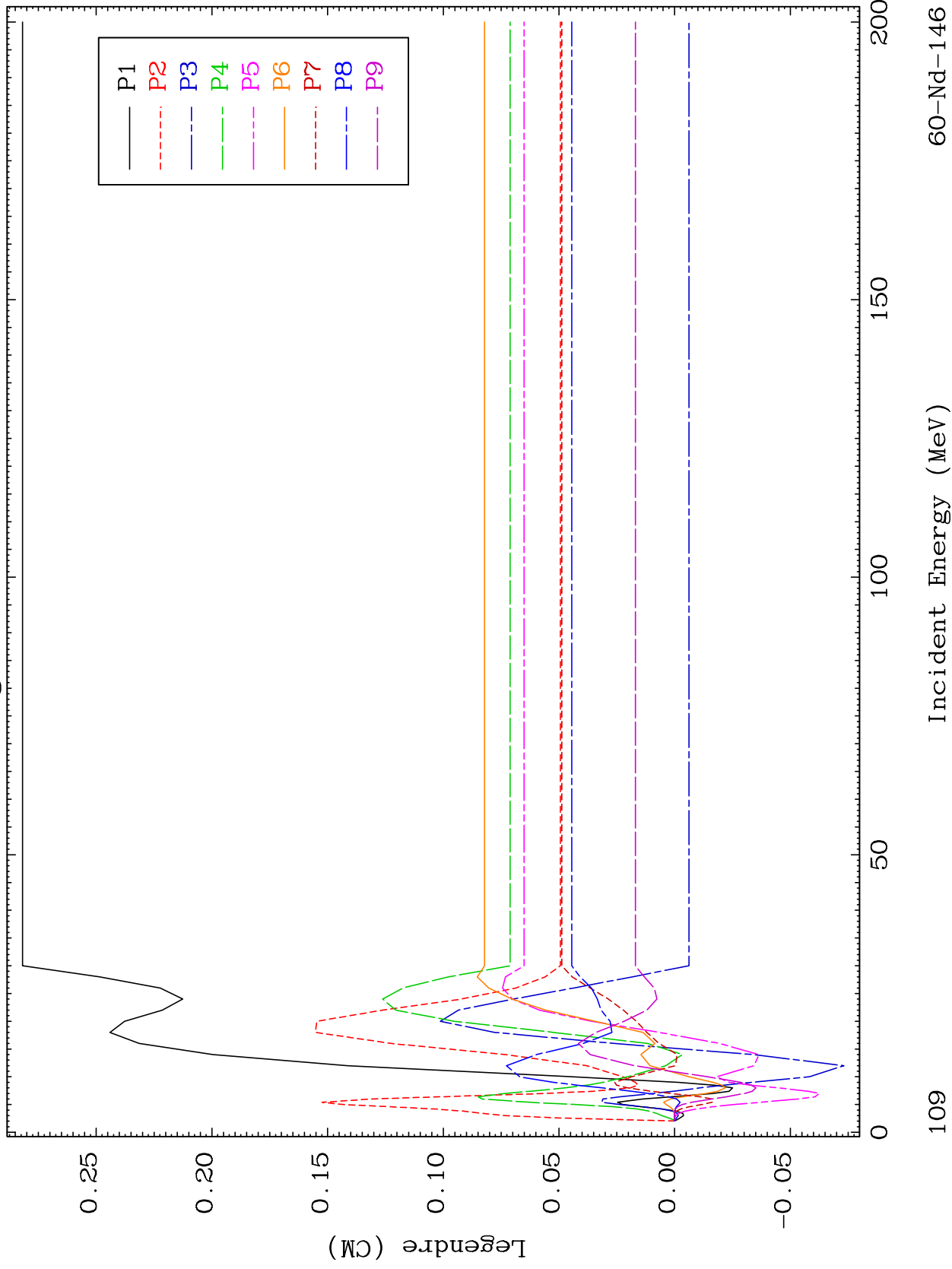
60-Nd-146



MAT 6037

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

60-Nd-146



60-Nd-146

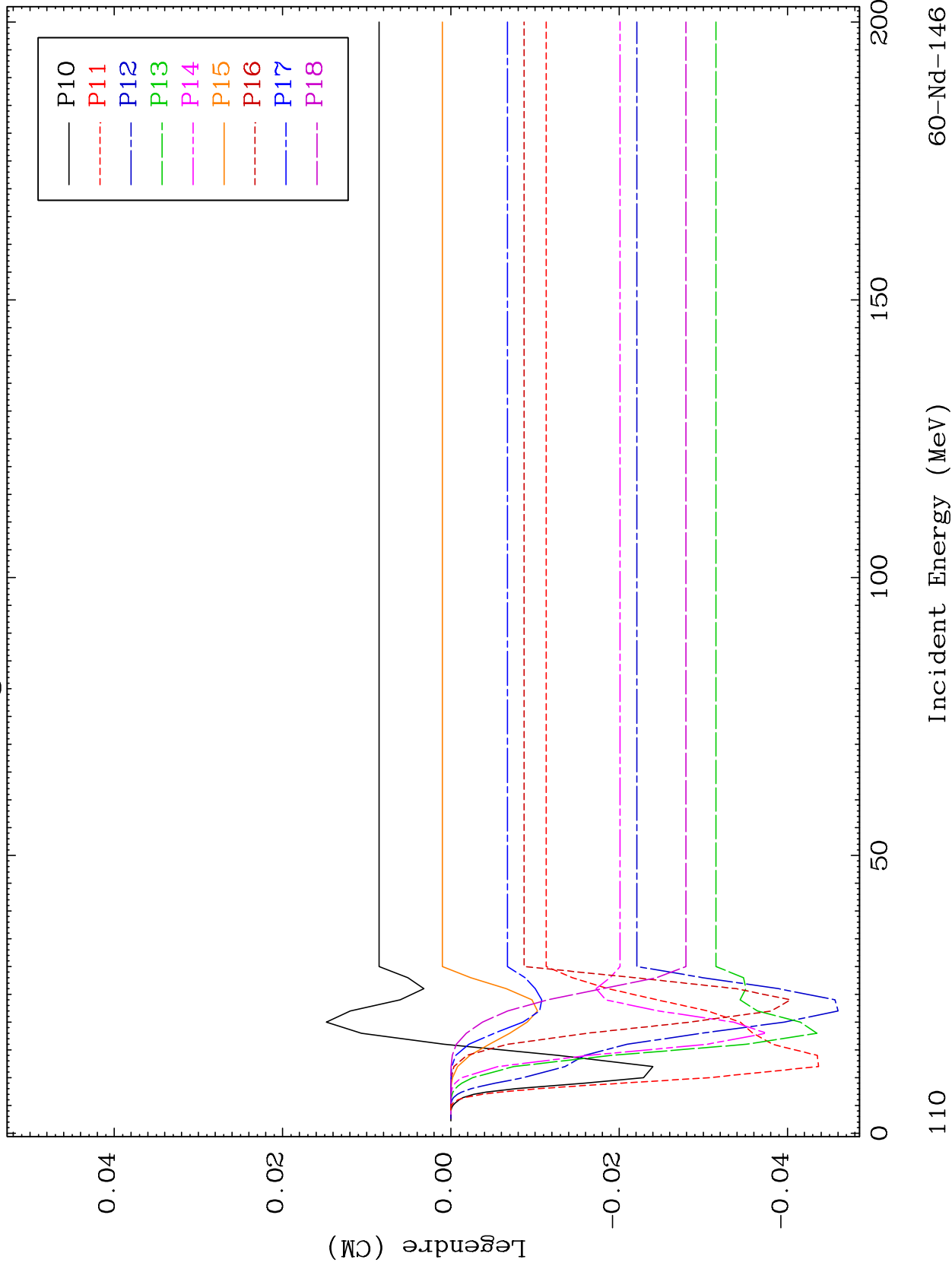
Incident Energy (MeV)

109

MAT 6037

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

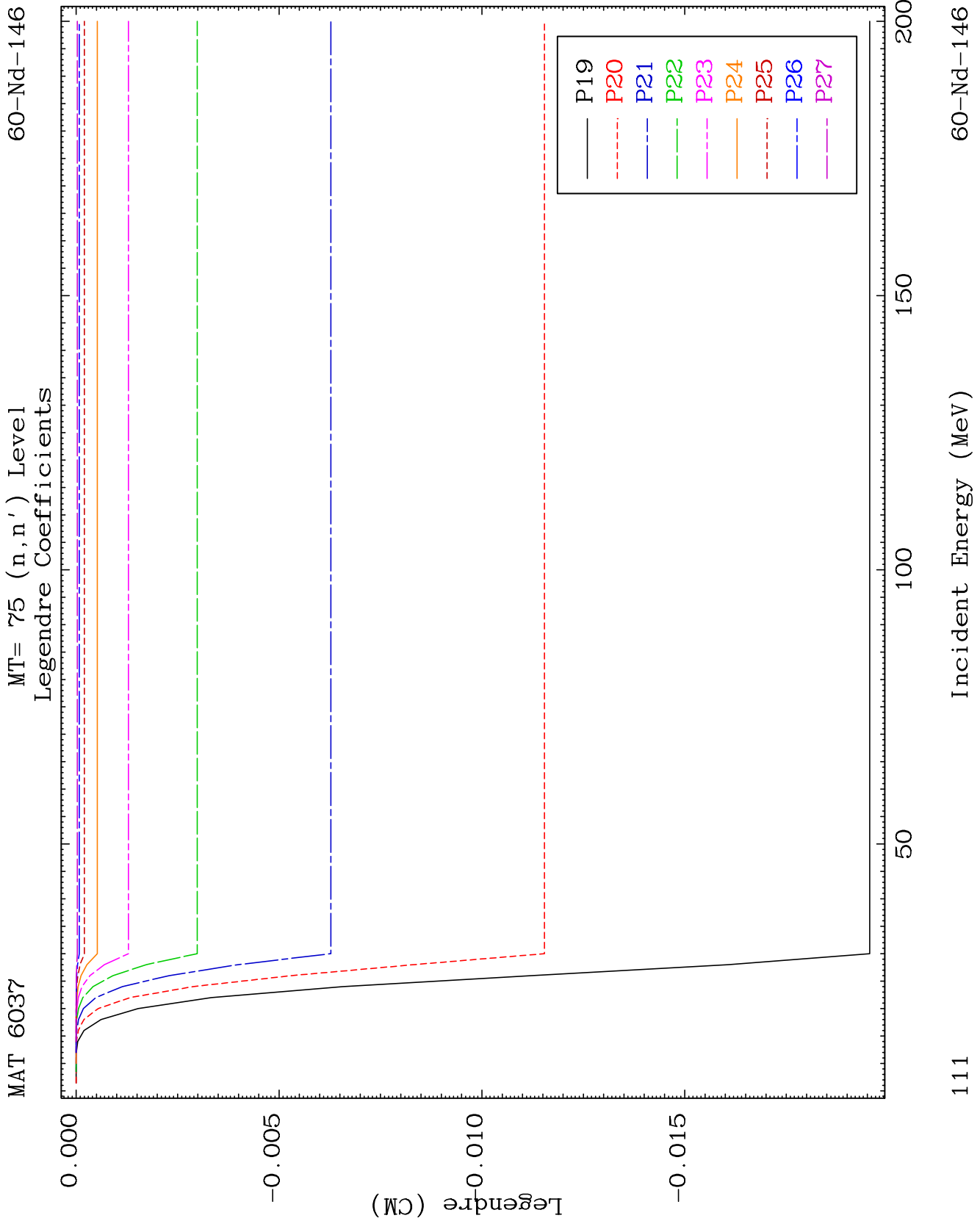
60-Nd-146

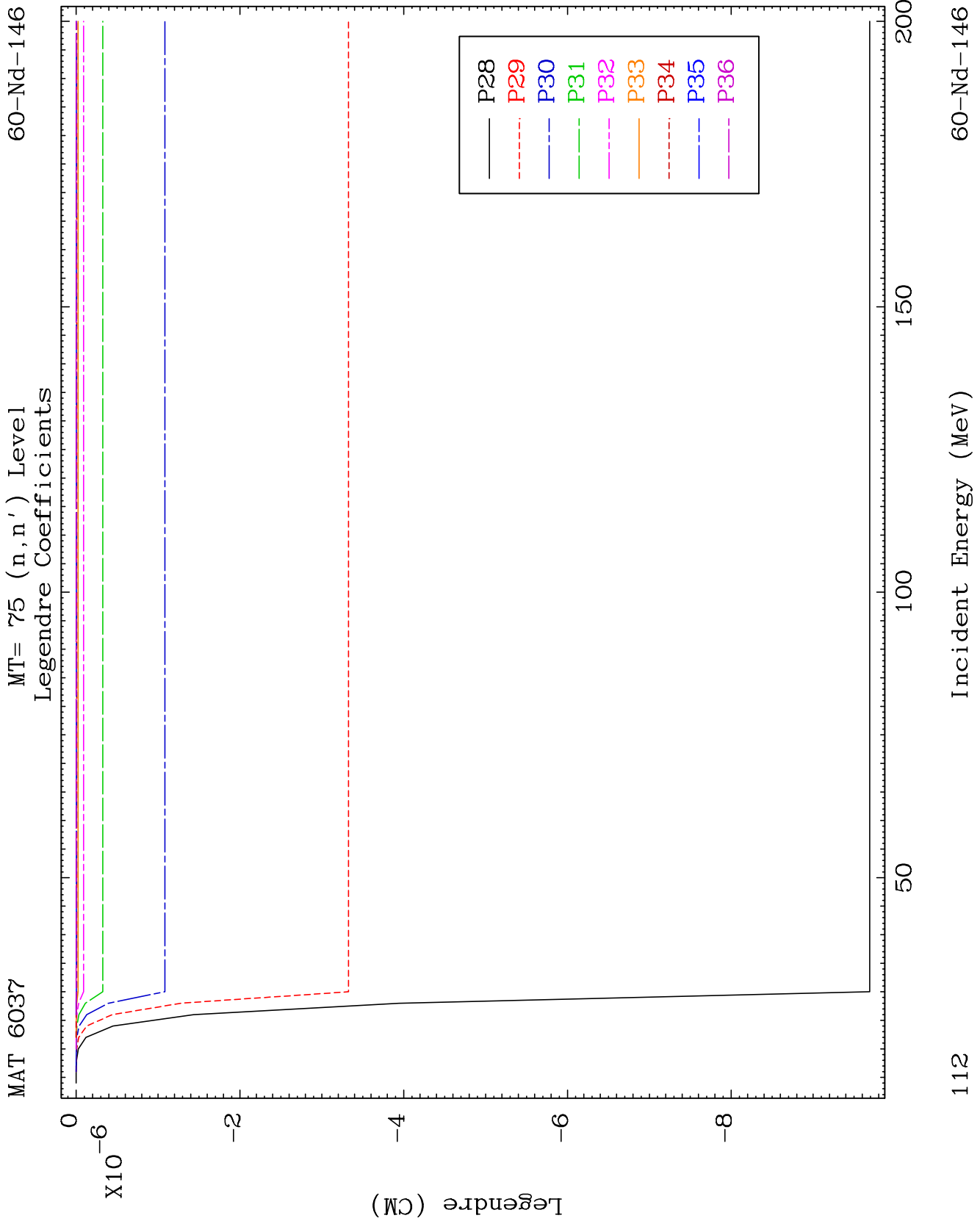


60-Nd-146

Incident Energy (MeV)

110

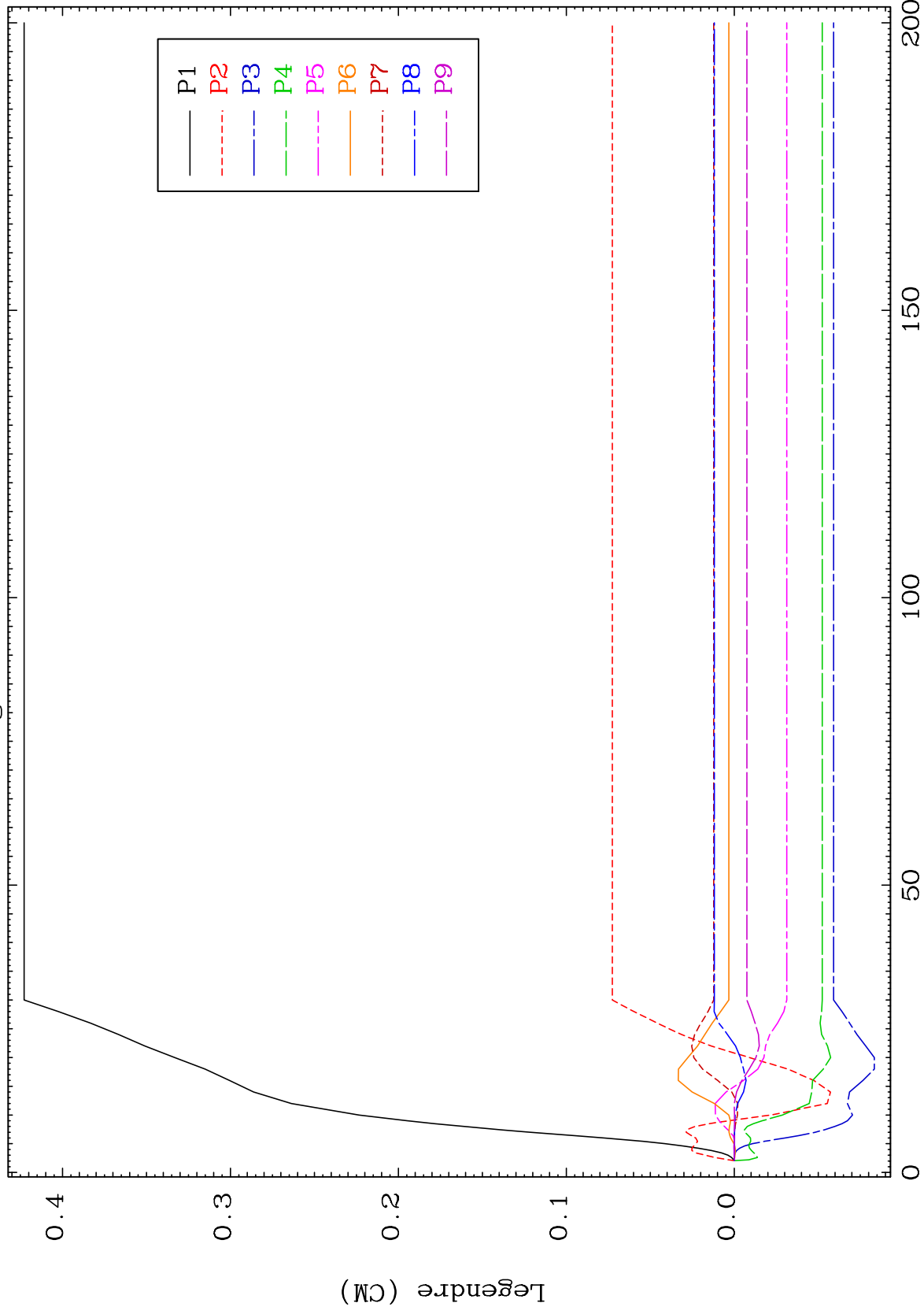




MAT 6037

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

60-Nd-146



60-Nd-146

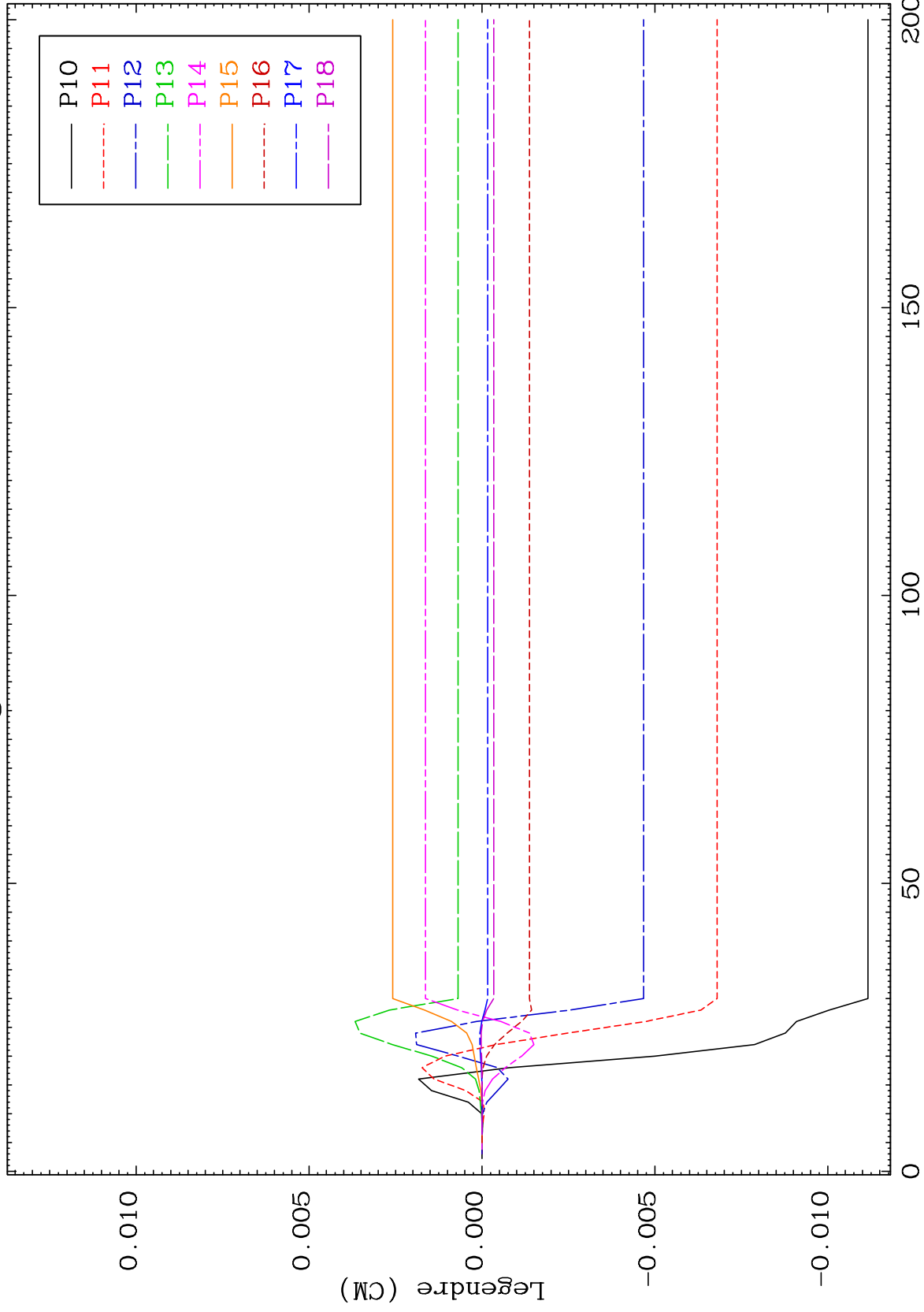
Incident Energy (MeV)

113

MAT 6037

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

60-Nd-146



114

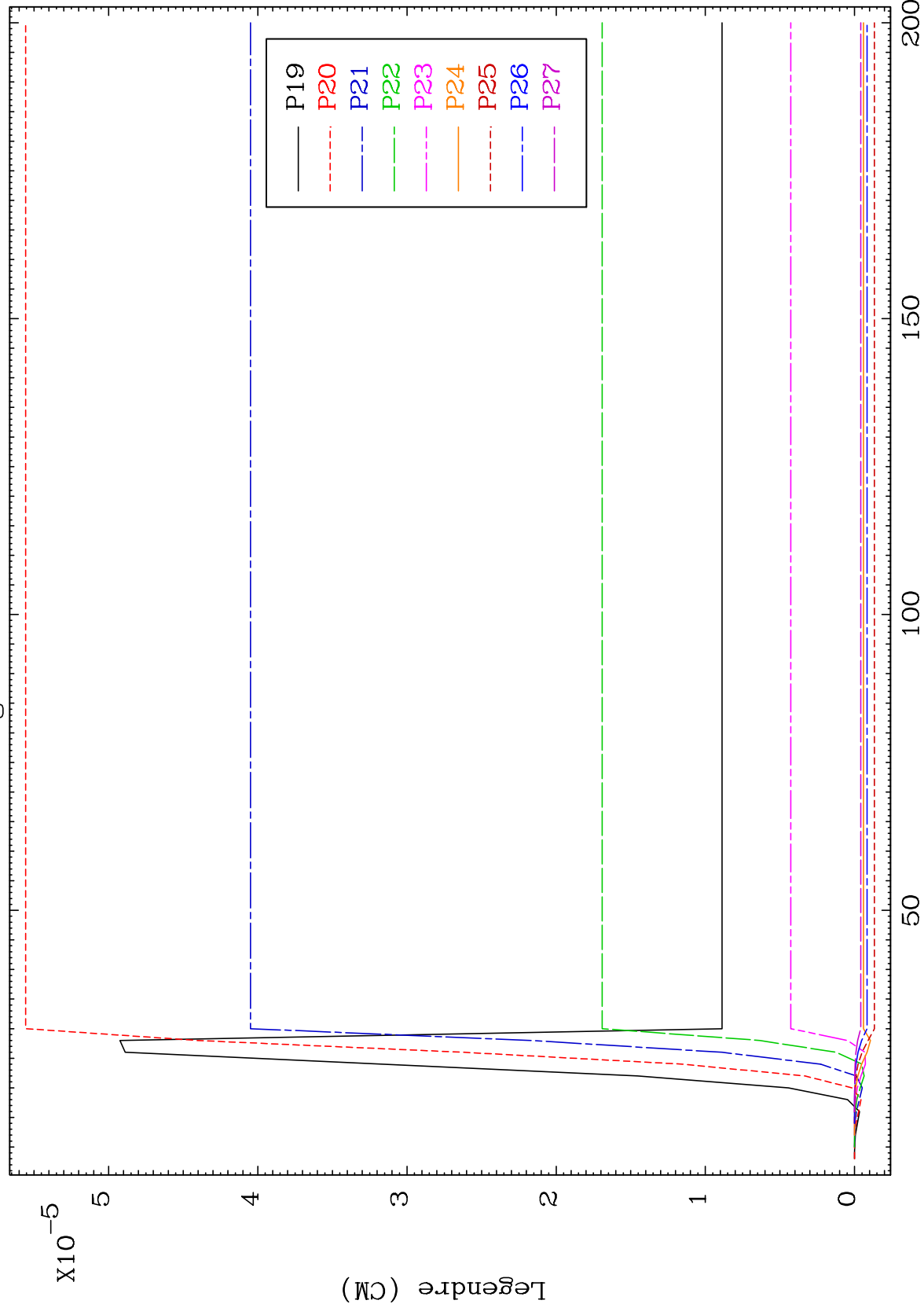
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

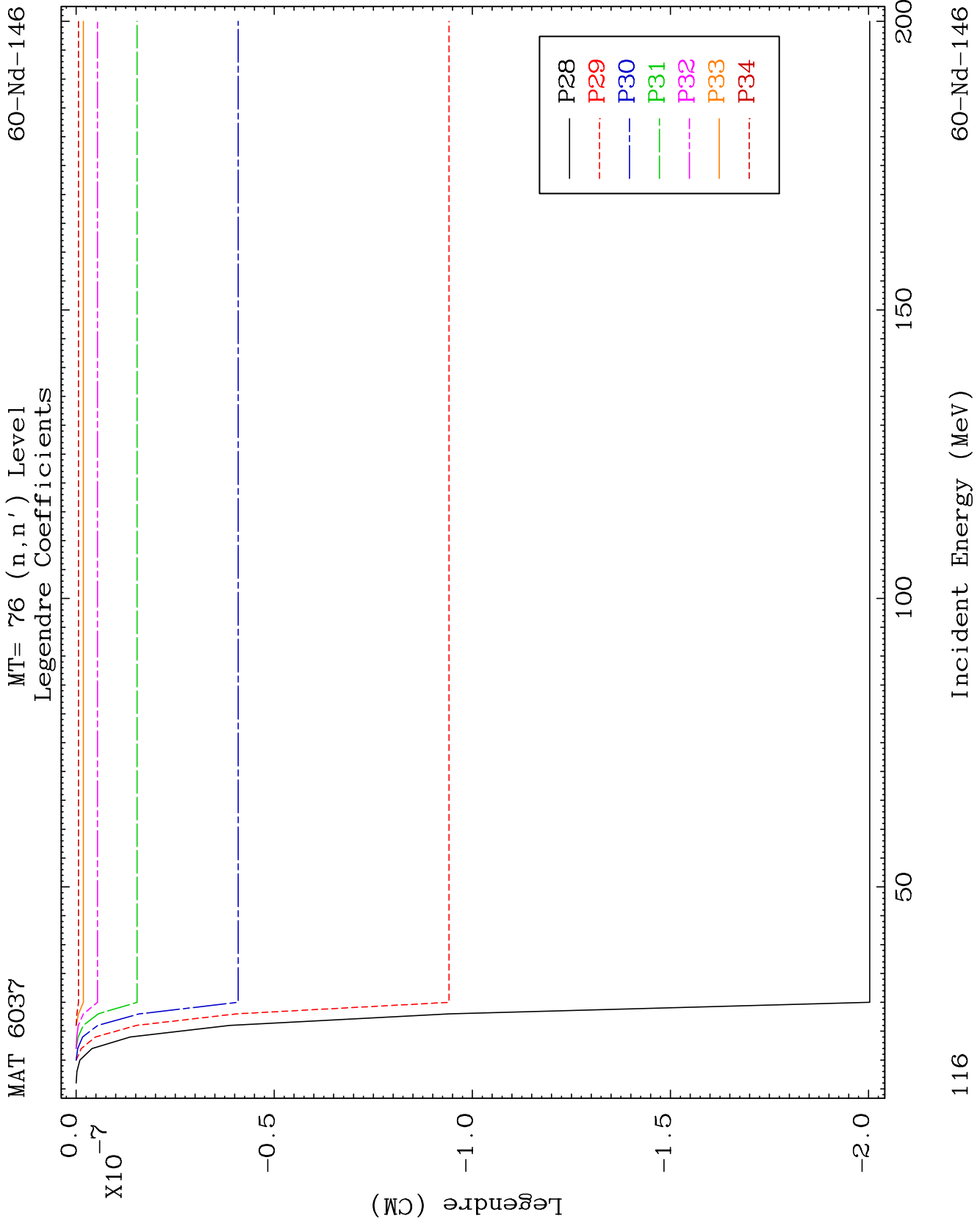
60-Nd-146

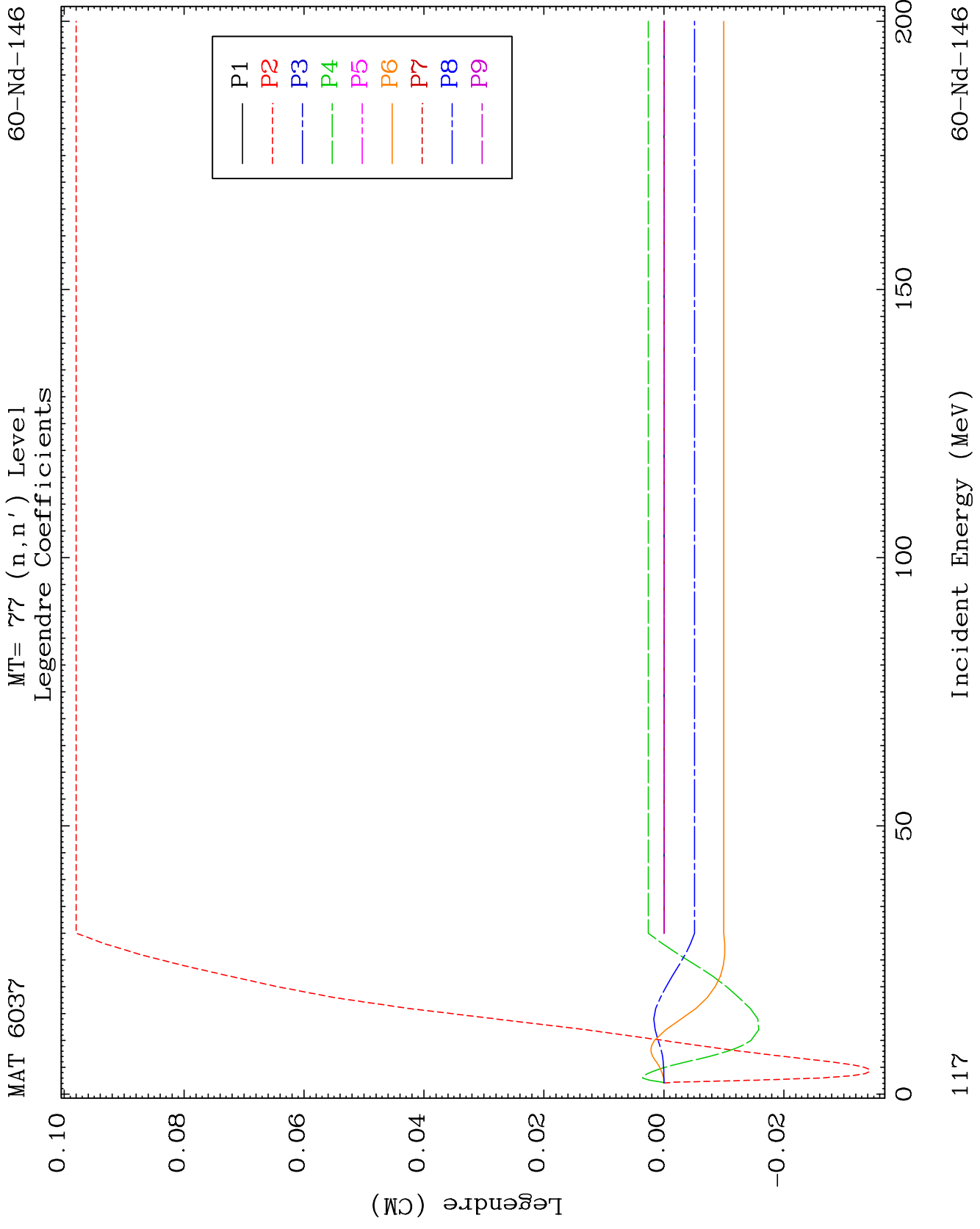


115

Incident Energy (MeV)

60-Nd-146





60-Nd-146

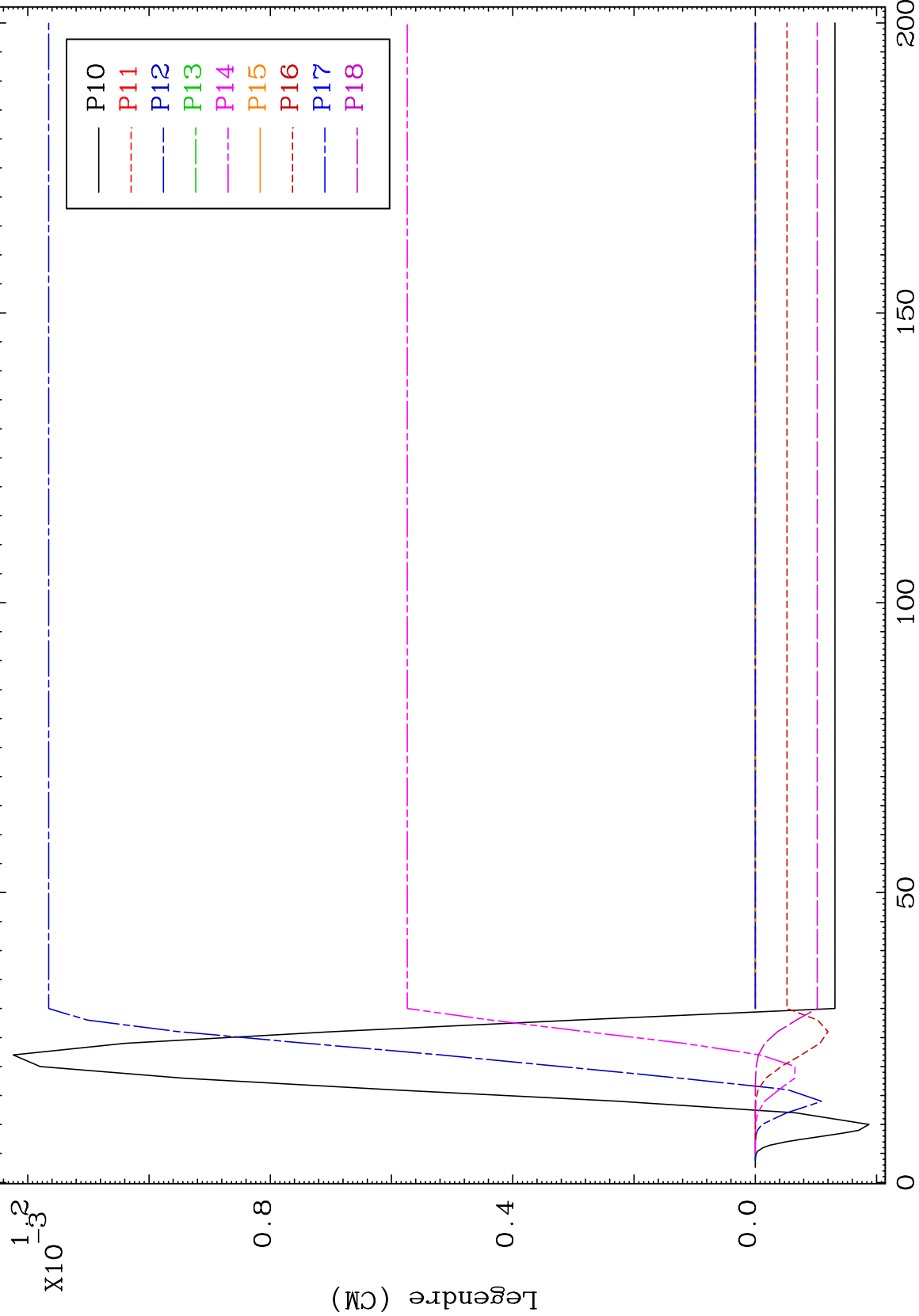
Incident Energy (MeV)

117

MAT 6037

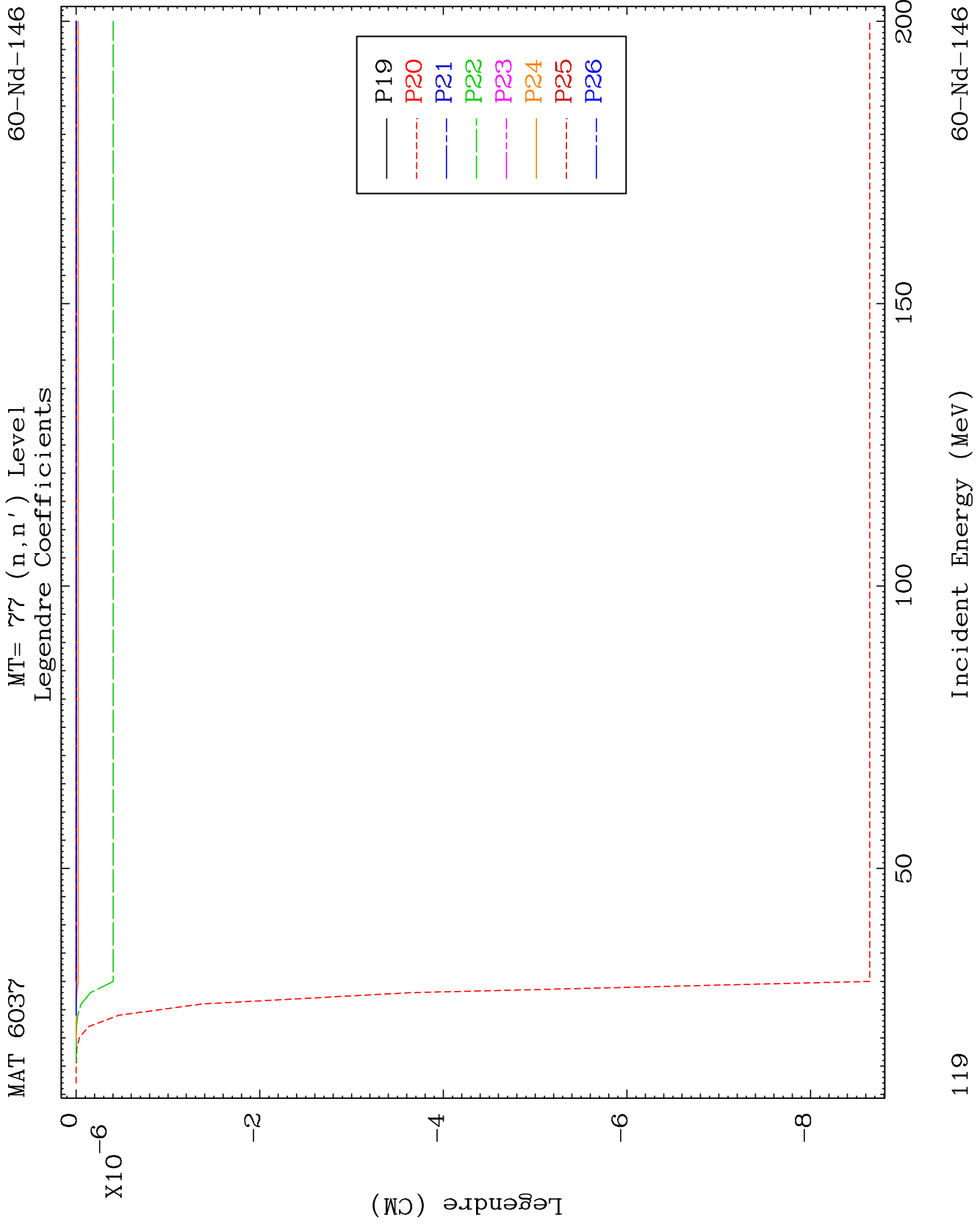
MT= 77 (n,n') Level
Legendre Coefficients

60-Nd-146



118

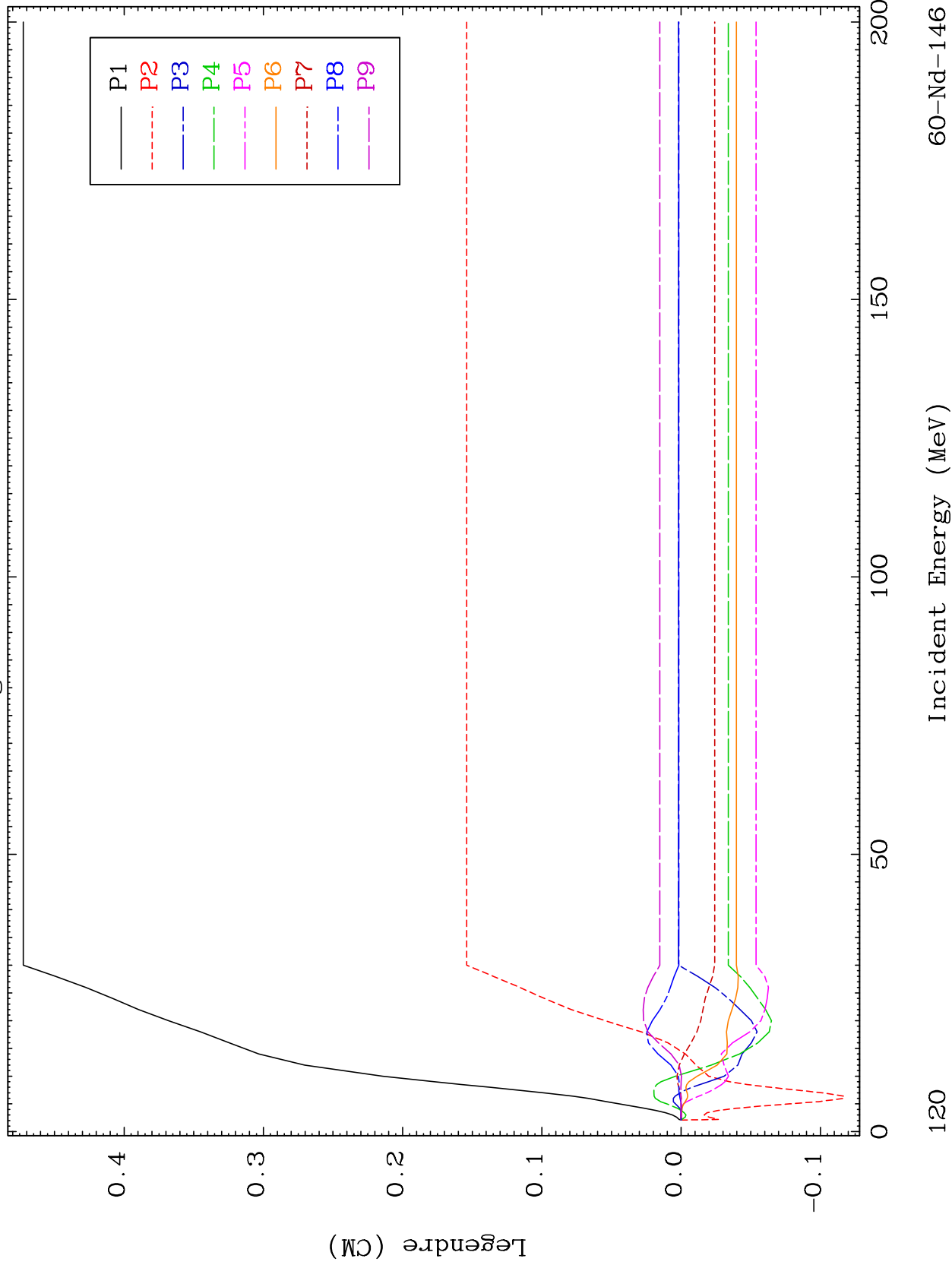
60-Nd-146



MAT 6037

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

60-Nd-146



60-Nd-146

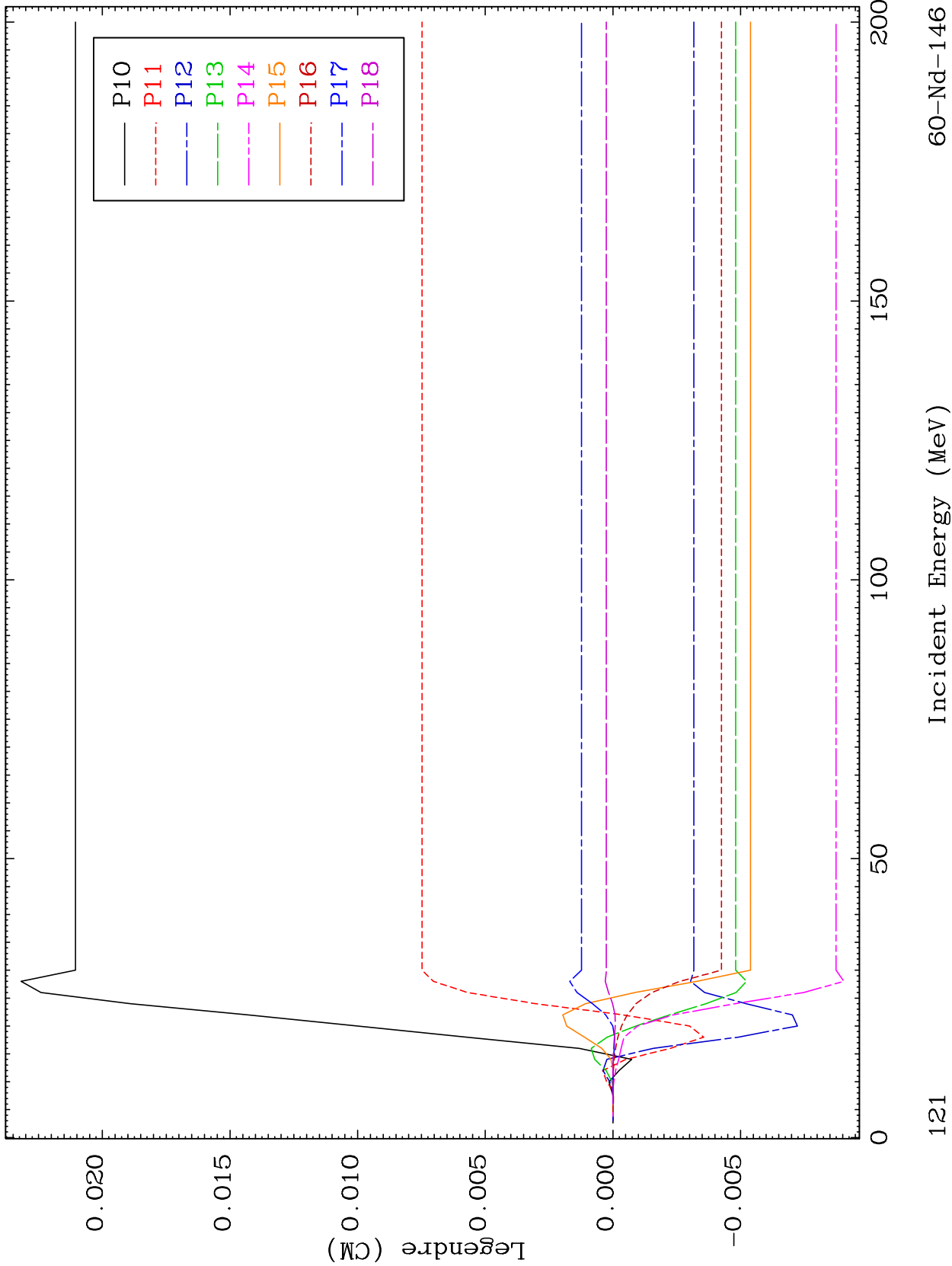
Incident Energy (MeV)

Legendre (CM)

MAT 6037

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

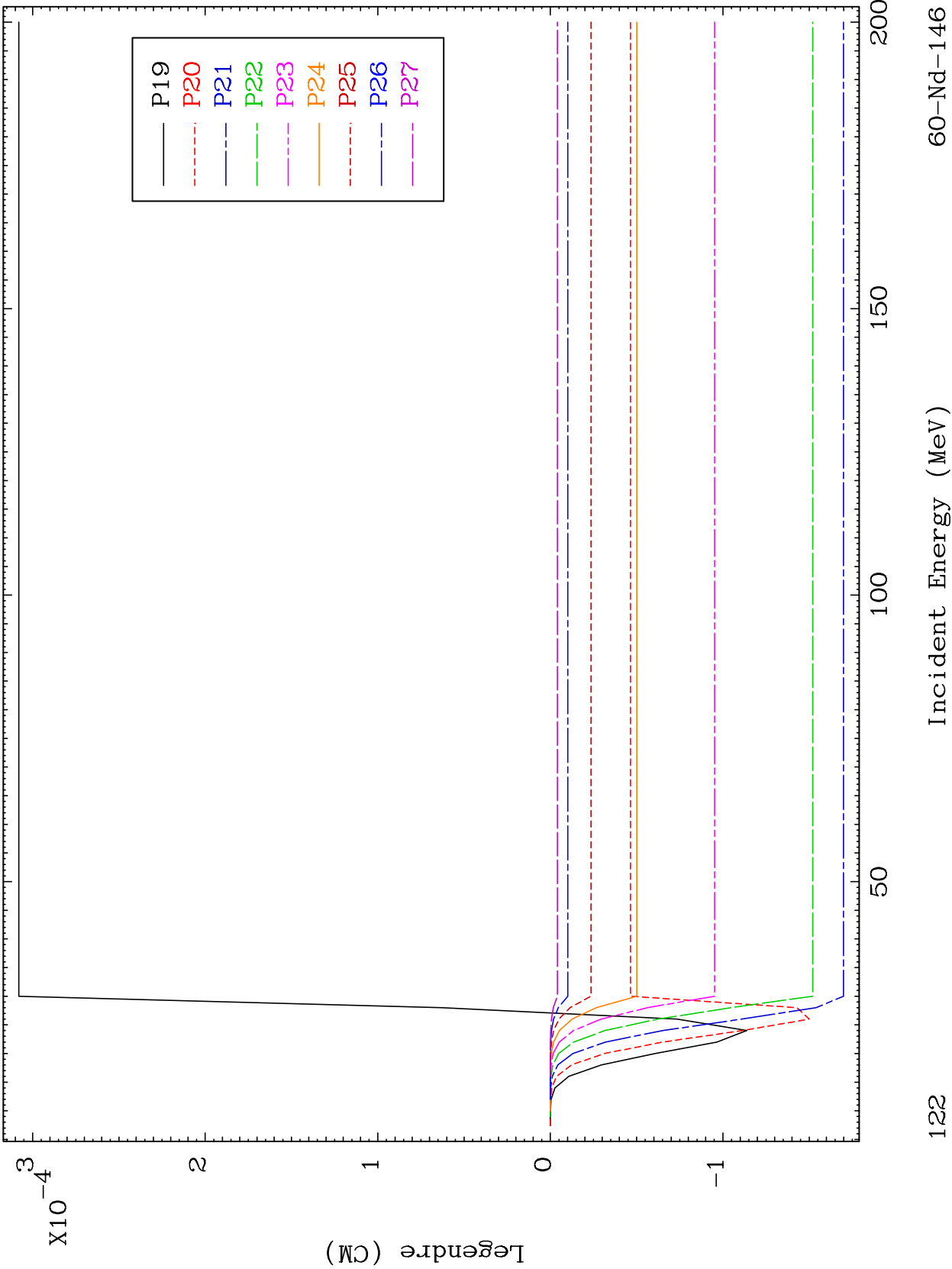
60-Nd-146

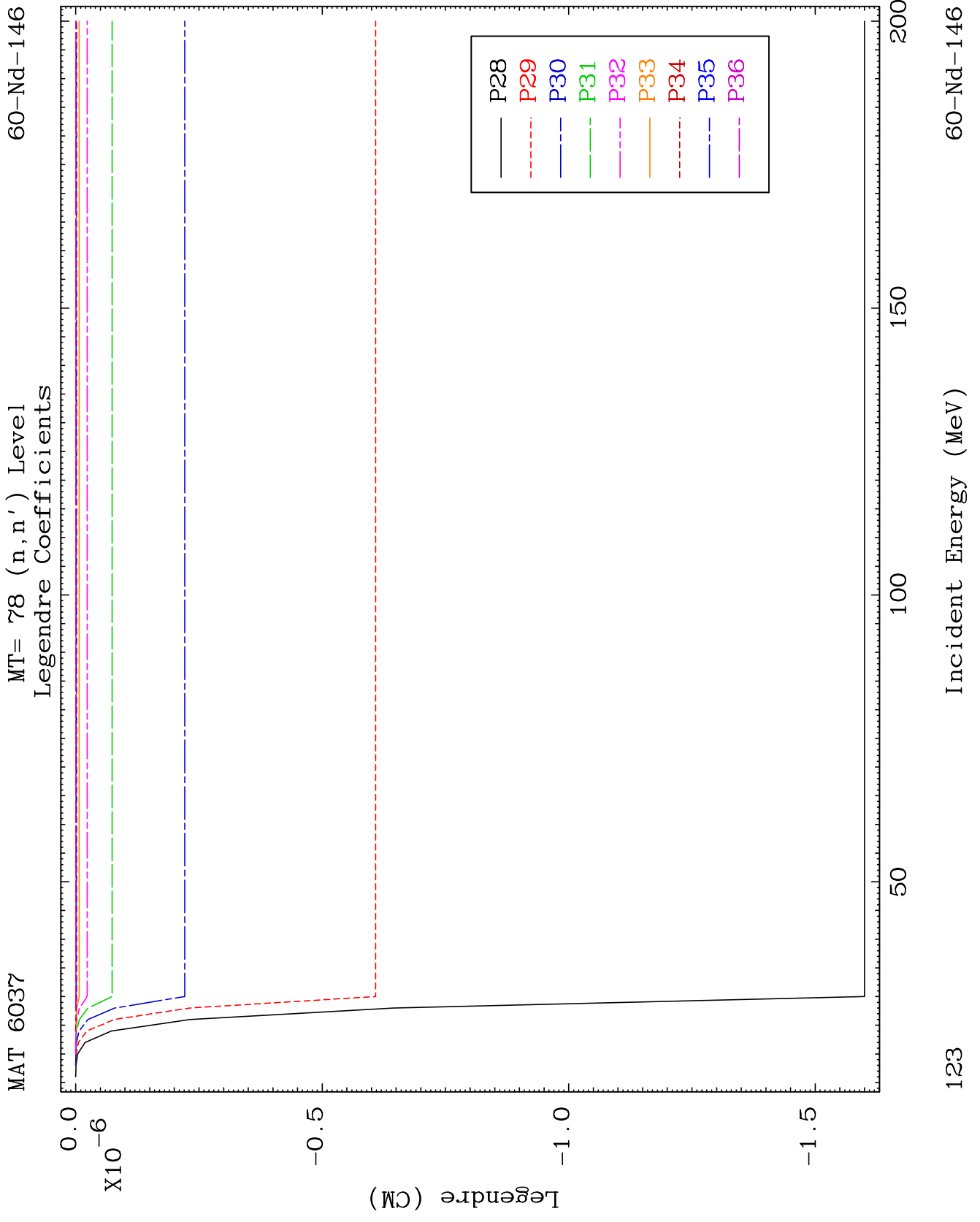


121

Incident Energy (MeV)

60-Nd-146

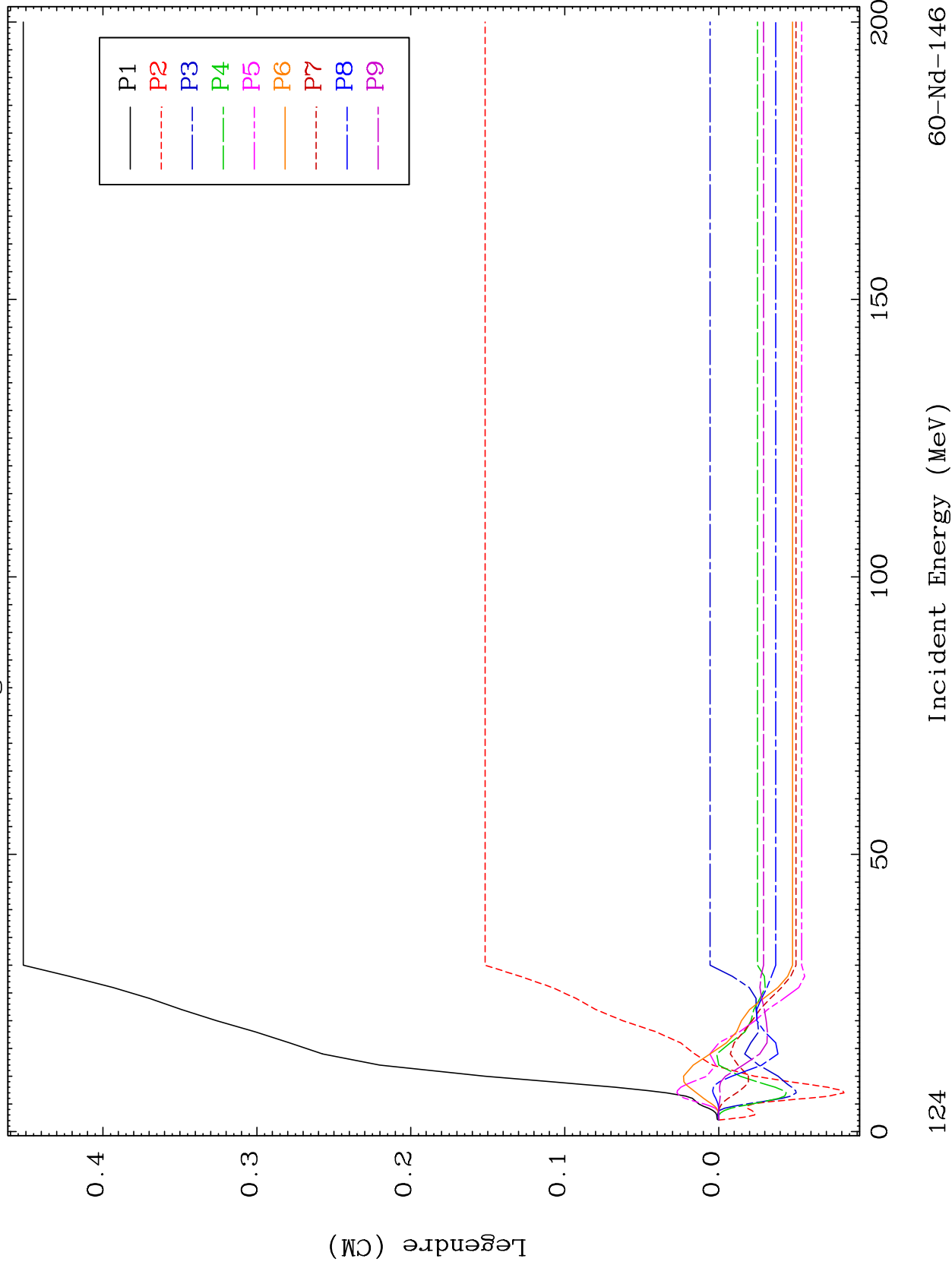




MAT 6037

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

60-Nd-146



60-Nd-146

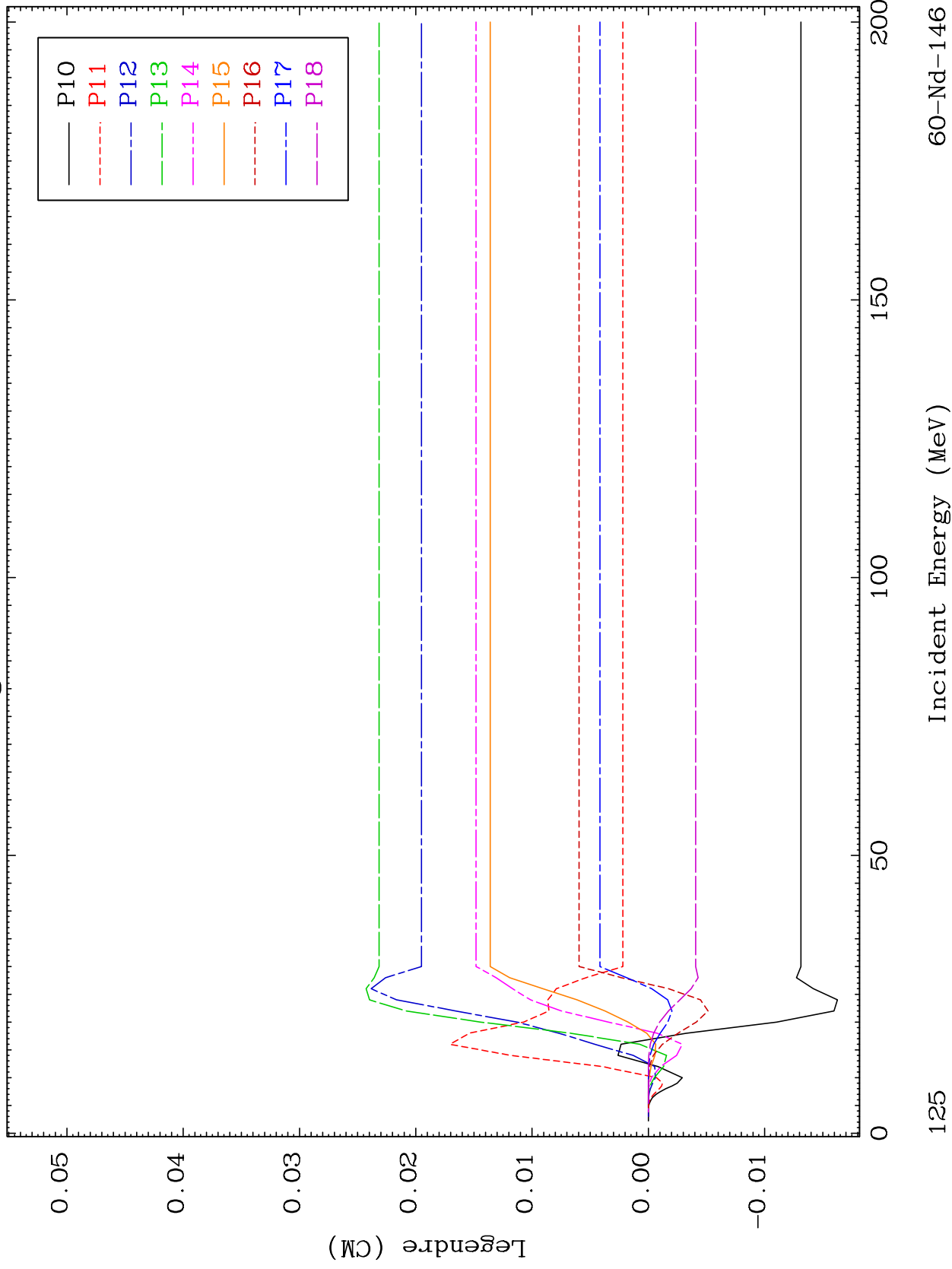
Incident Energy (MeV)

124

MAT 6037

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

60-Nd-146



60-Nd-146

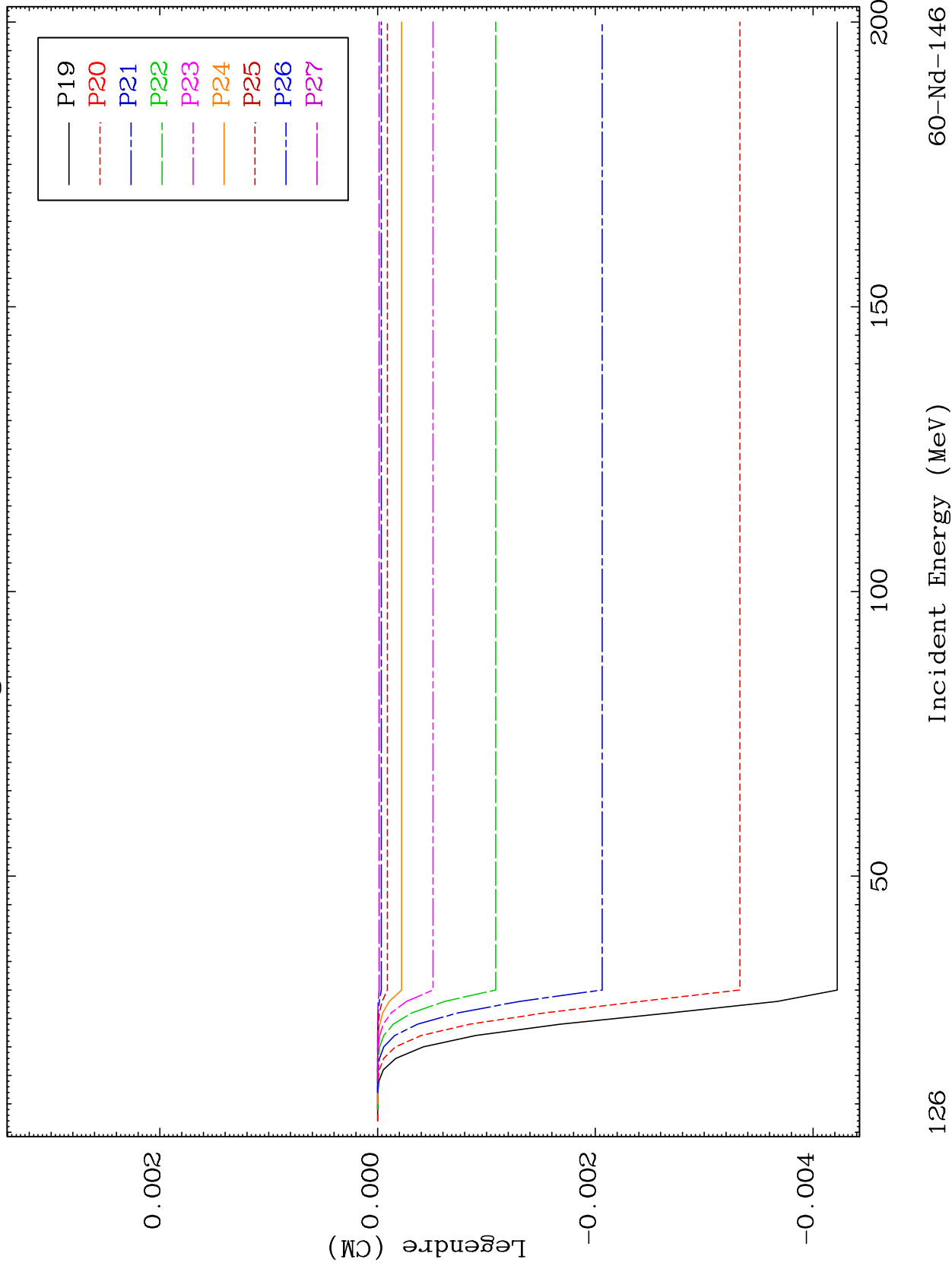
Incident Energy (MeV)

125

MAT 6037

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

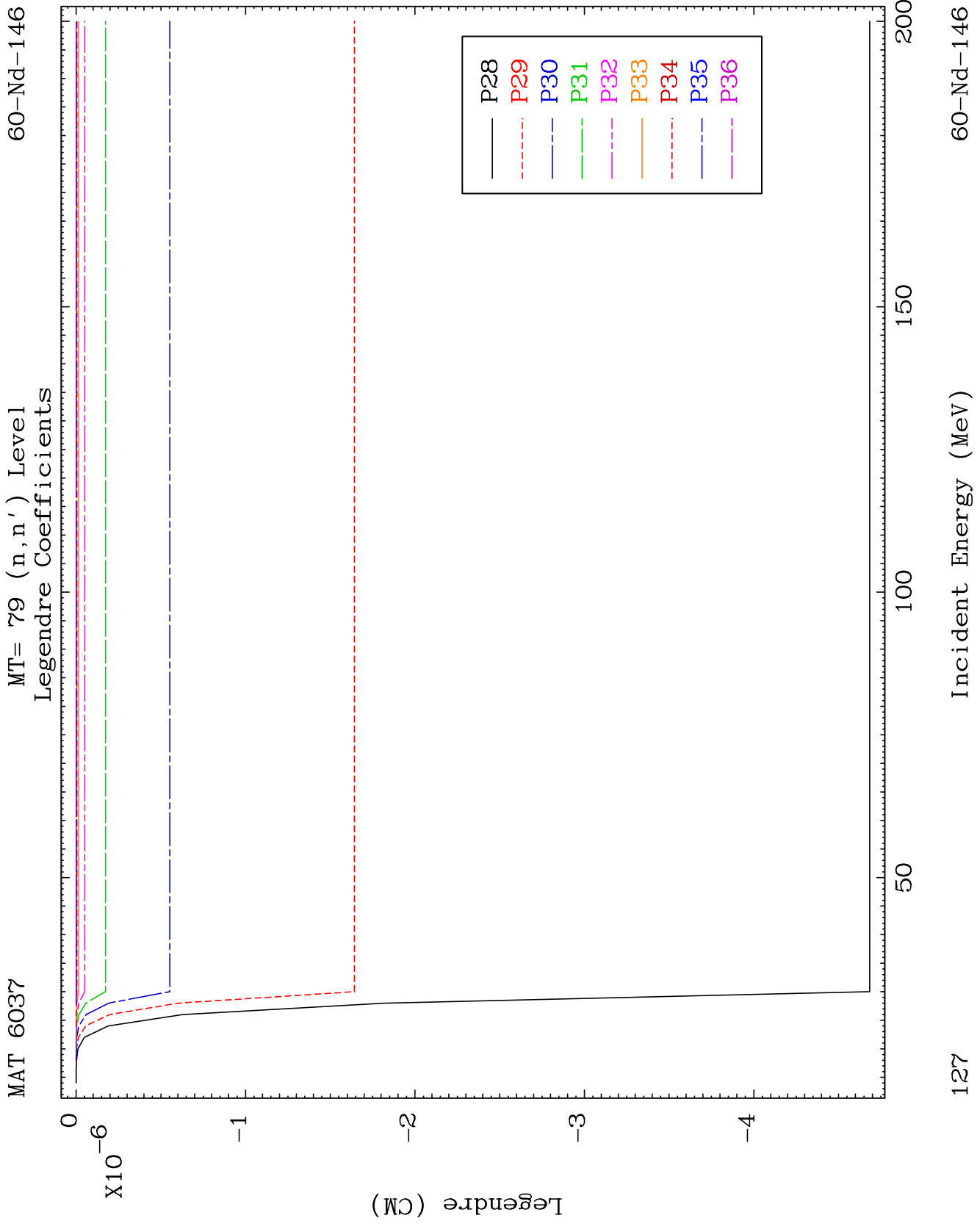
60-Nd-146



126

Incident Energy (MeV)

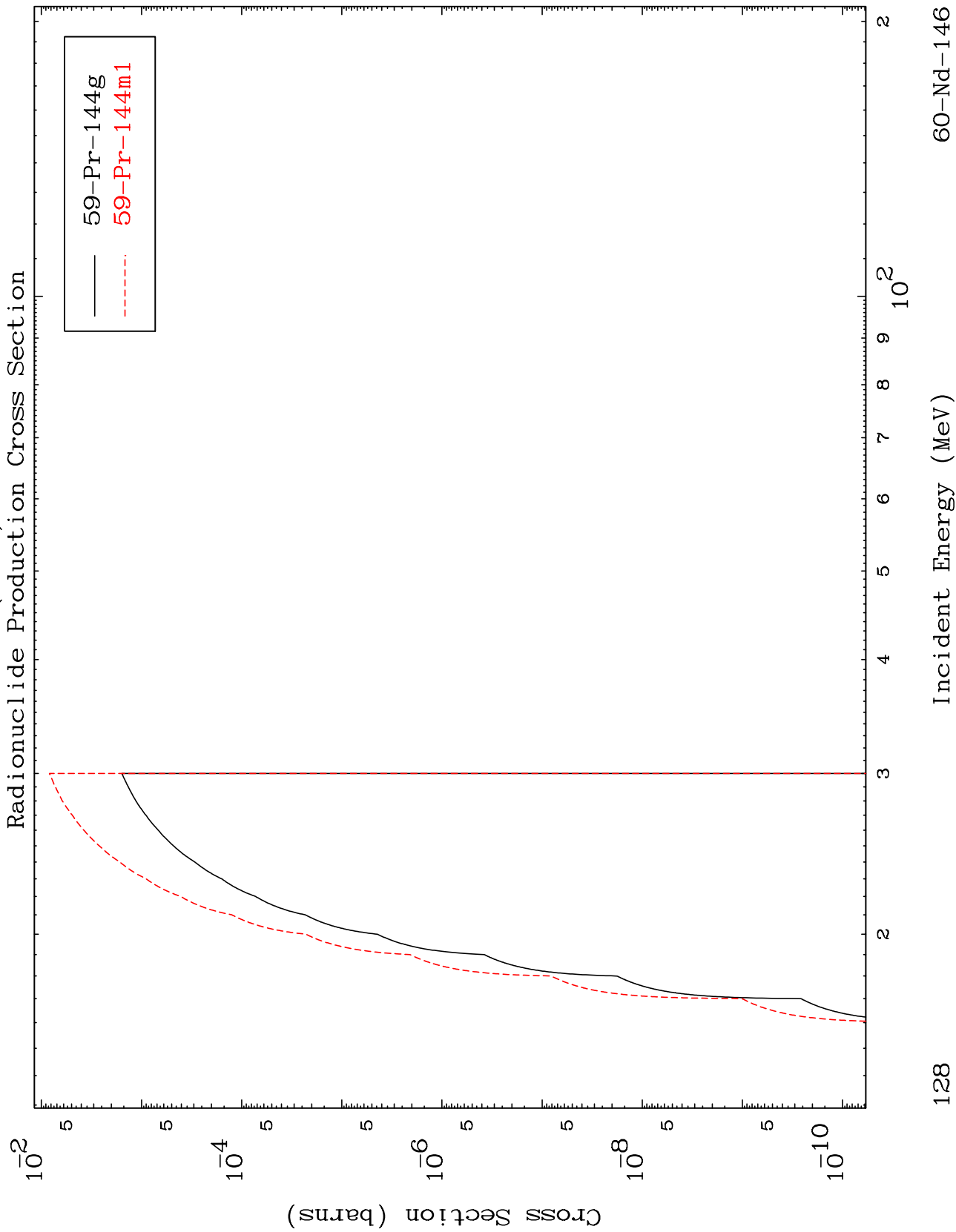
60-Nd-146



MAT 6037

(n,n') d

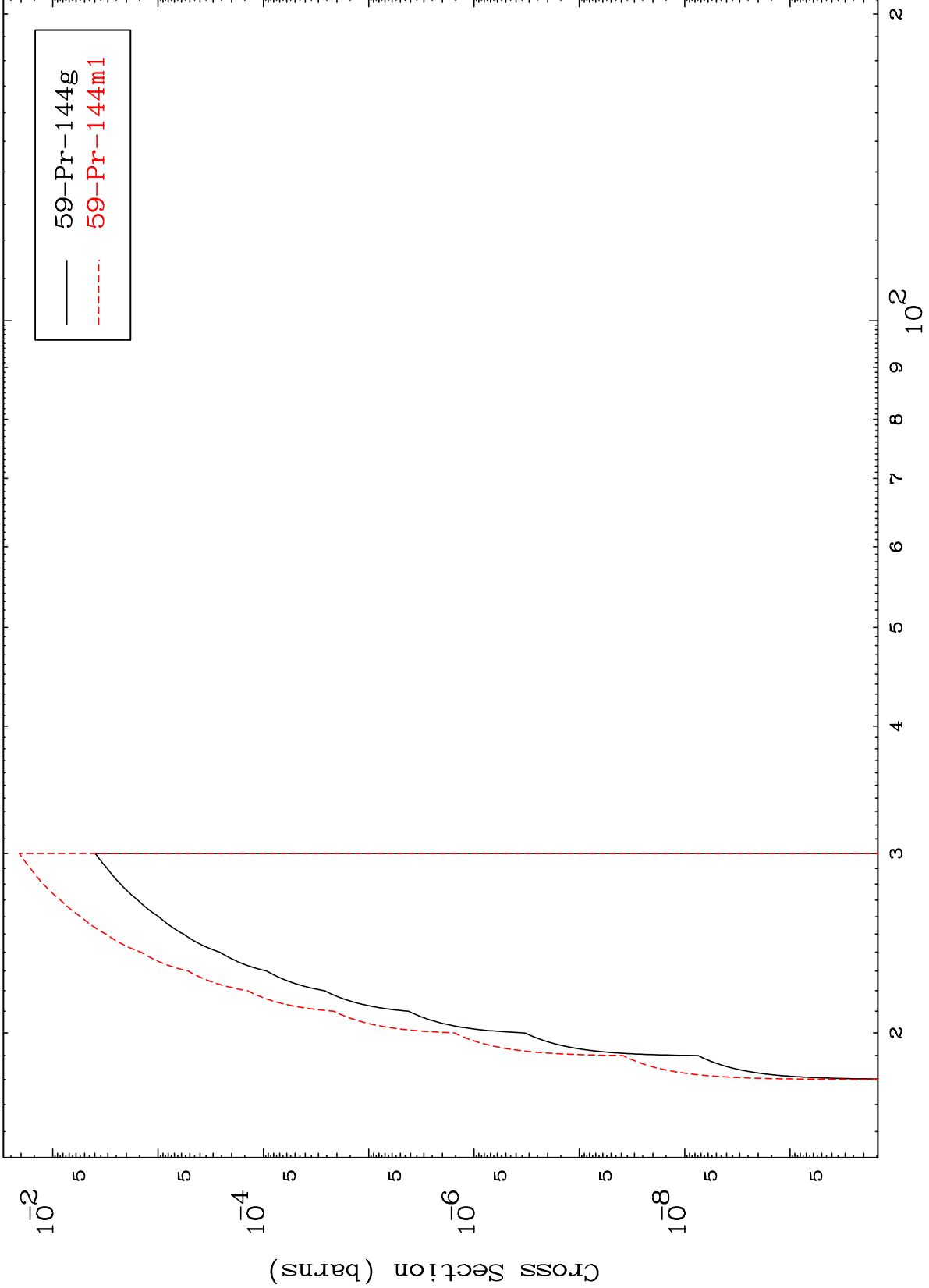
60-Nd-146



128

60-Nd-146

Radionuclide Production Cross Section



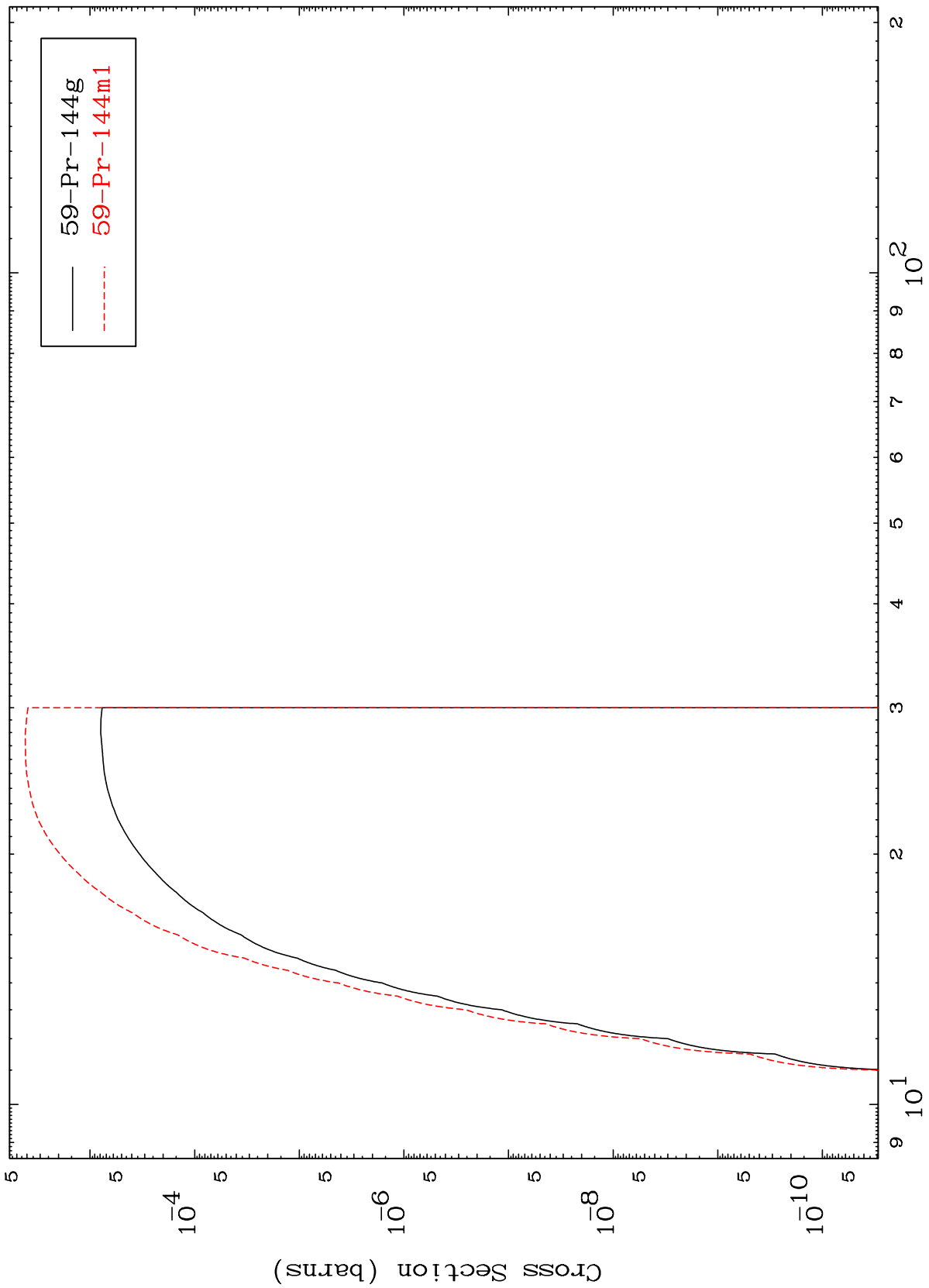
59-Pr-144g
59-Pr-144m1

MAT 6037

(n, t)

60-Nd-146

Radionuclide Production Cross Section



130

Incident Energy (MeV)

60-Nd-146