

Program EVALPLOT
(Version 2021-1)

by

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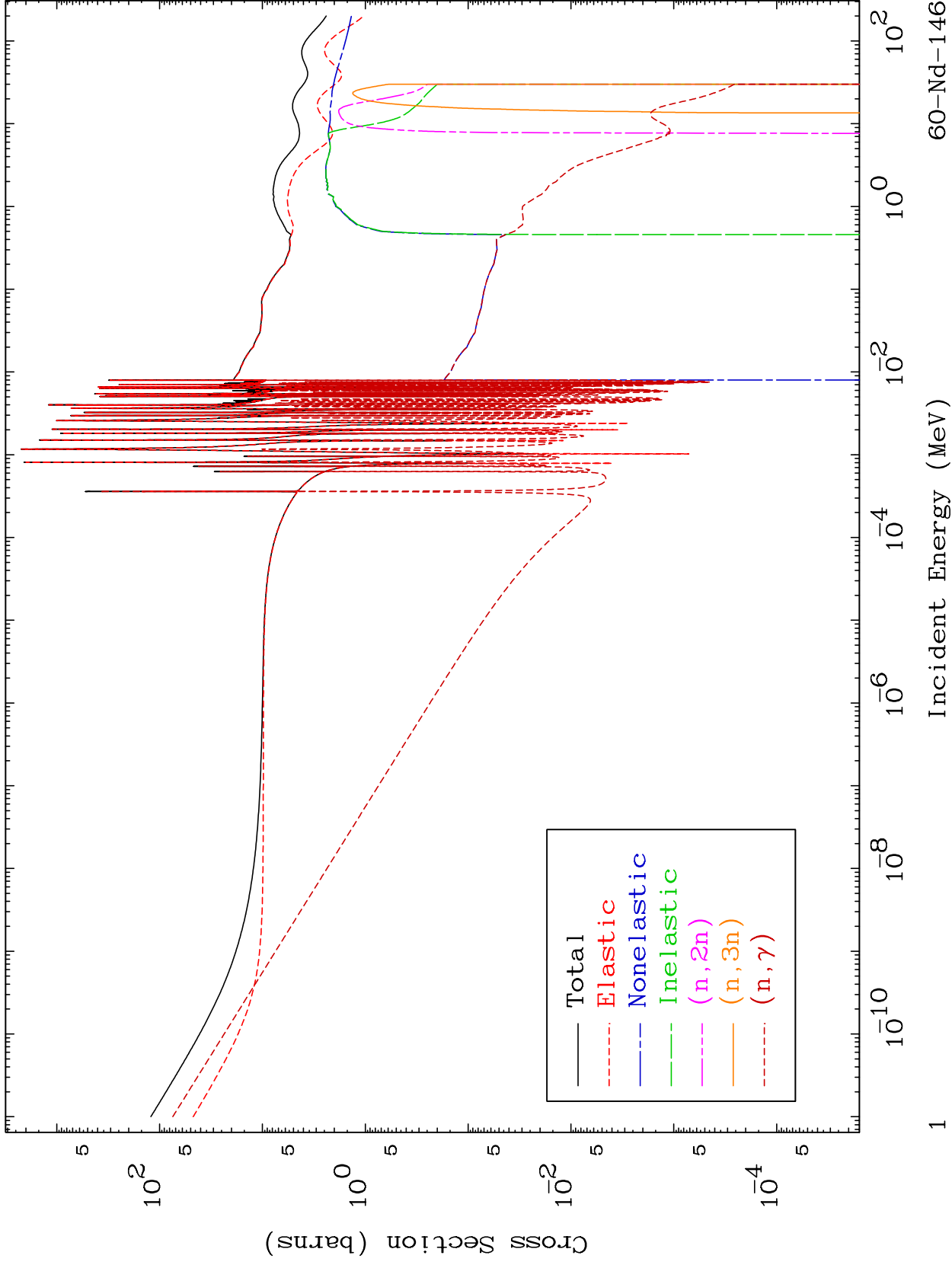
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Press Mouse Button to Start

MAT 6037

Neutron Major
293 Kelvin Cross Sections

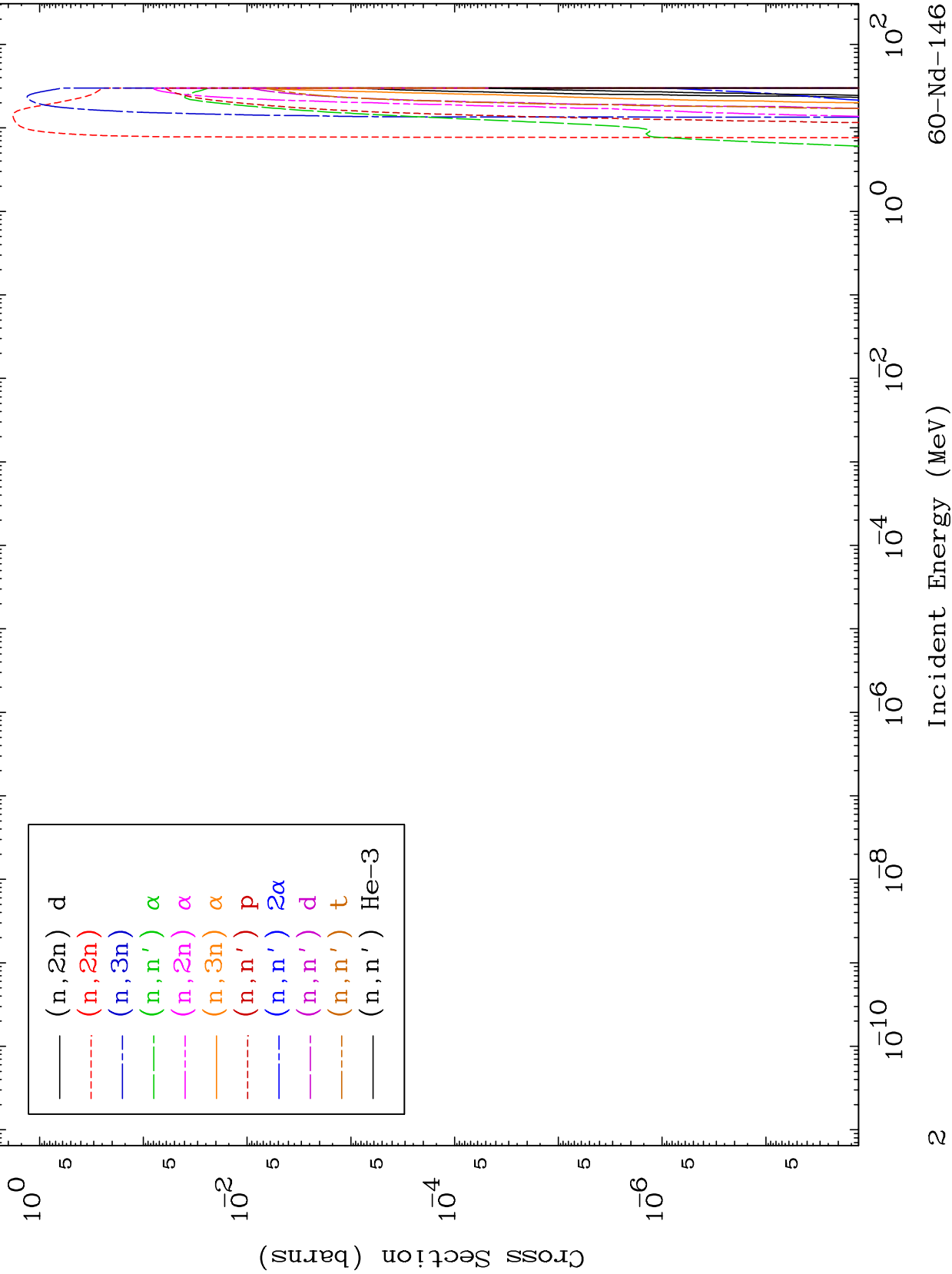
60-Nd-146



MAT 6037

Neutron Absorption
293 Kelvin Cross Sections

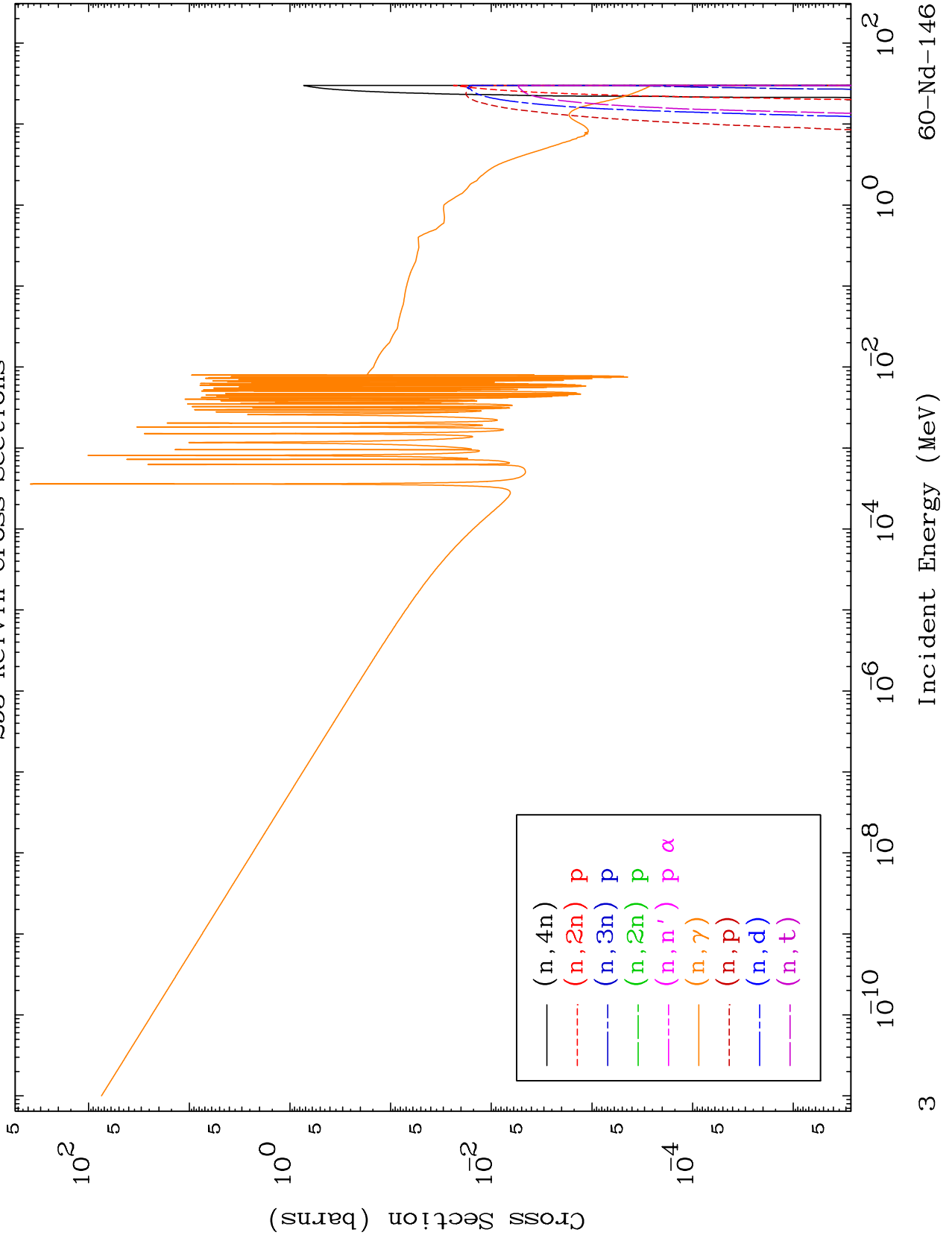
60-Nd-146



MAT 6037

Neutron Absorption
293 Kelvin Cross Sections

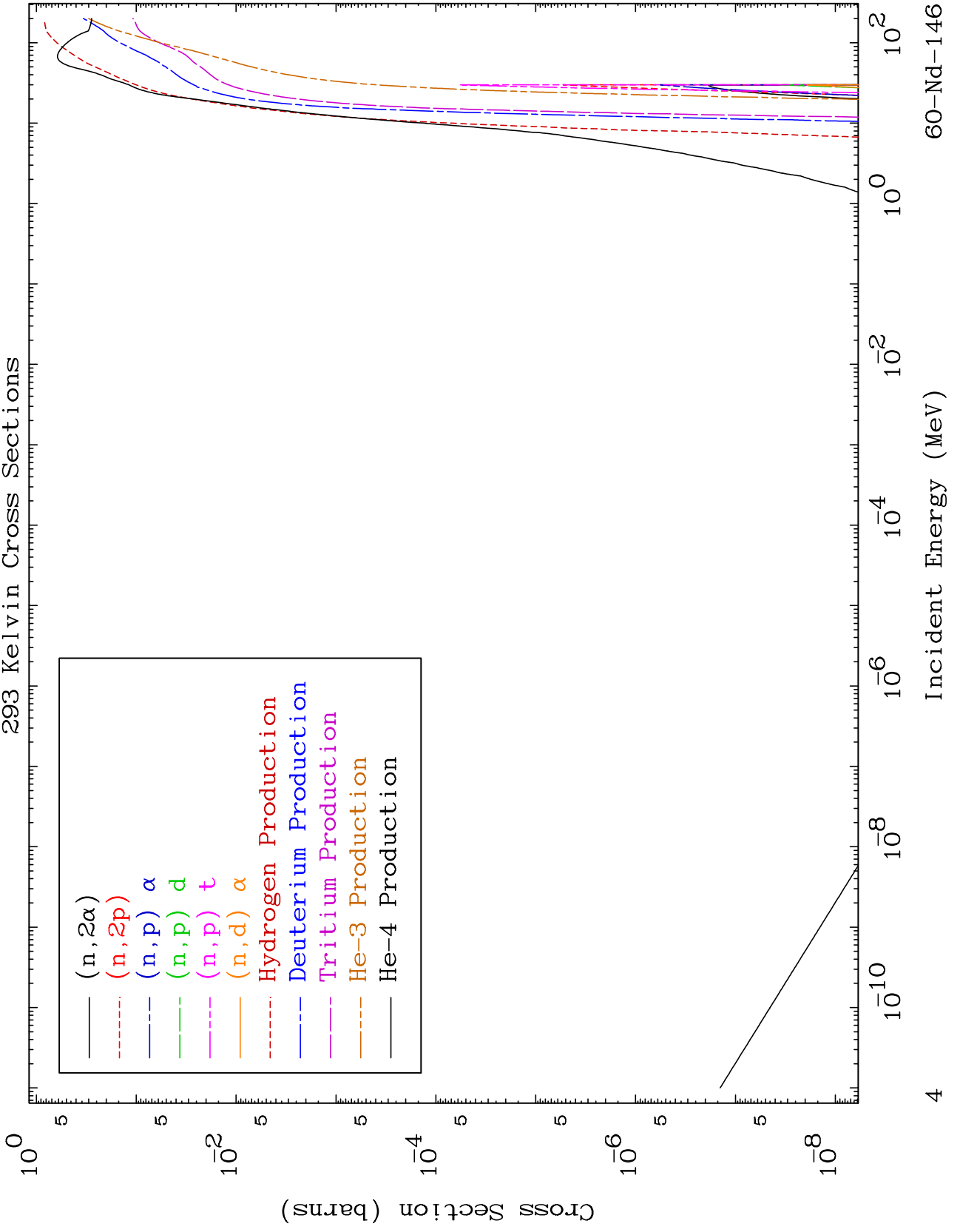
60-Nd-146



MAT 6037

Neutron Absorption
293 Kelvin Cross Sections

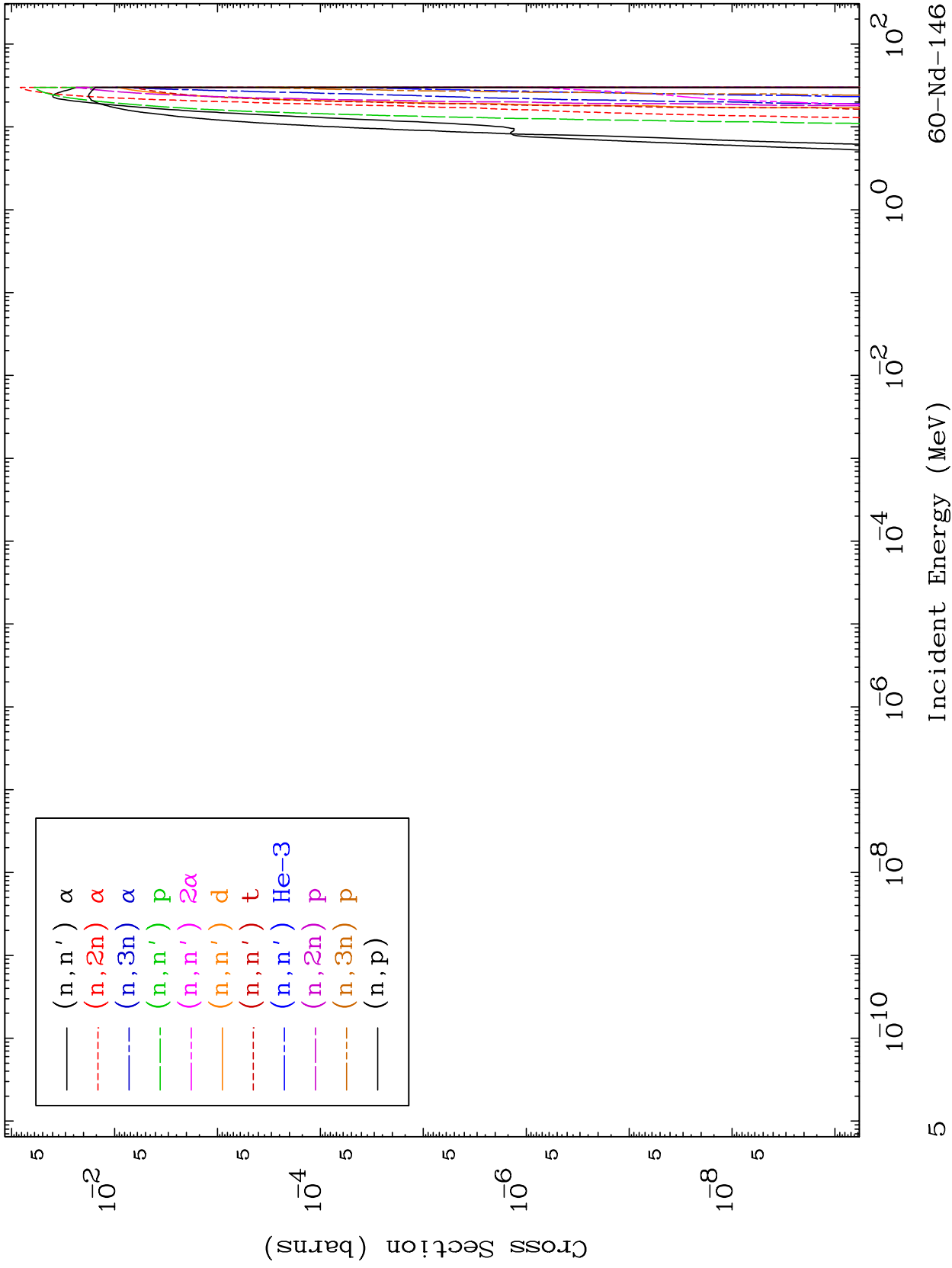
60-Nd-146



MAT 6037

Charged Particle
293 Kelvin Cross Sections

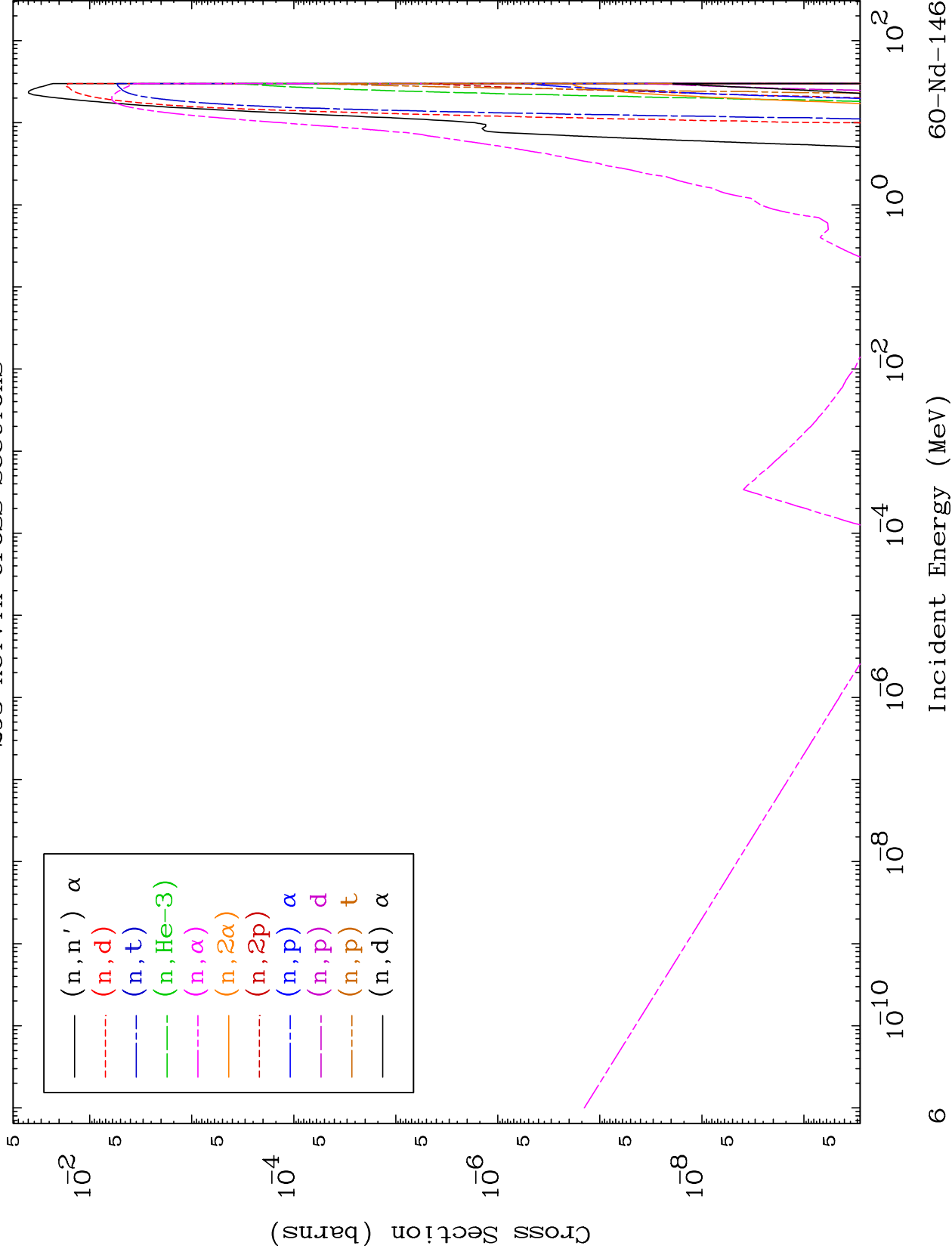
60-Nd-146



MAT 6037

Charged Particle
293 Kelvin Cross Sections

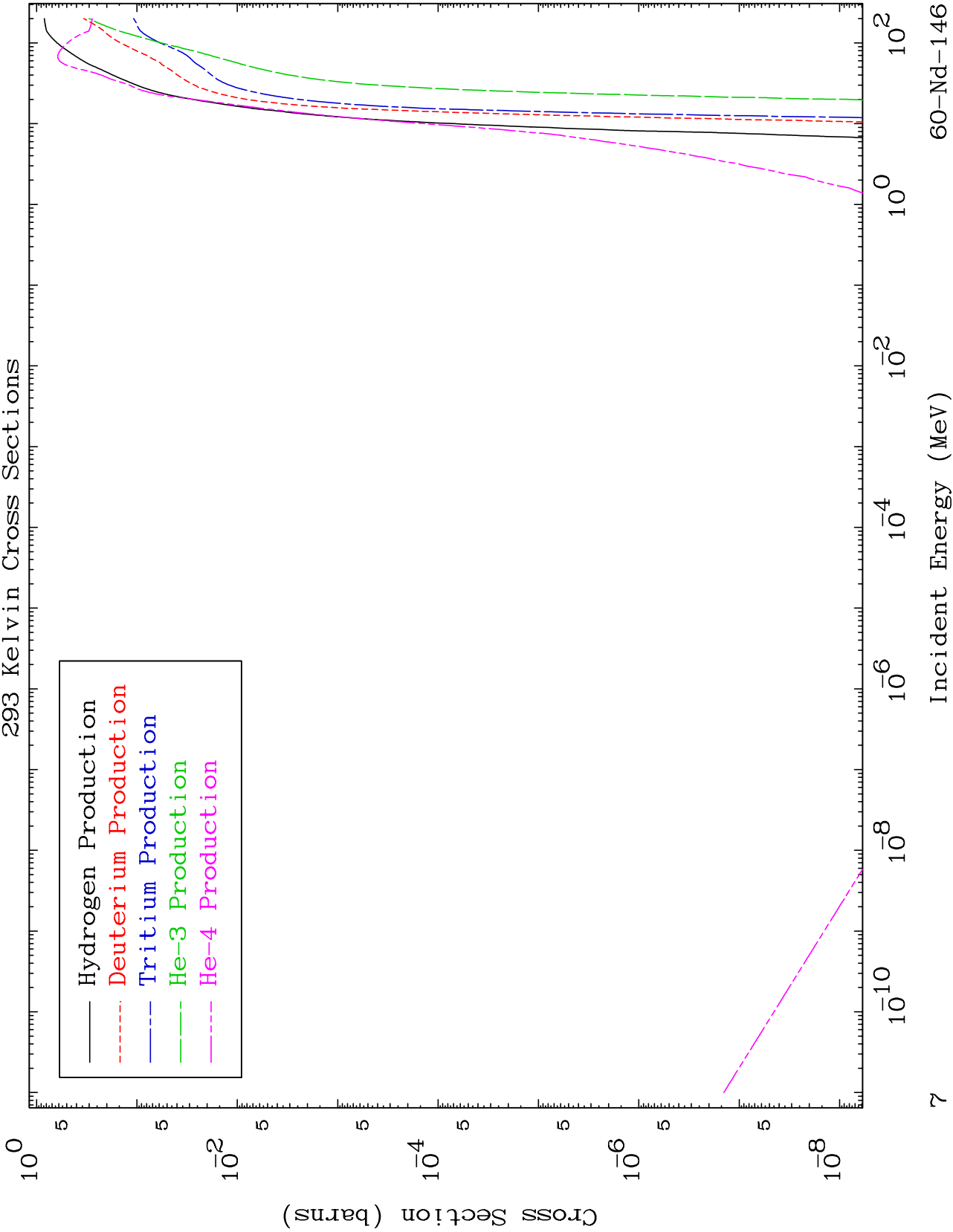
60-Nd-146



MAT 6037

Particle Production
293 Kelvin Cross Sections

60-Nd-146

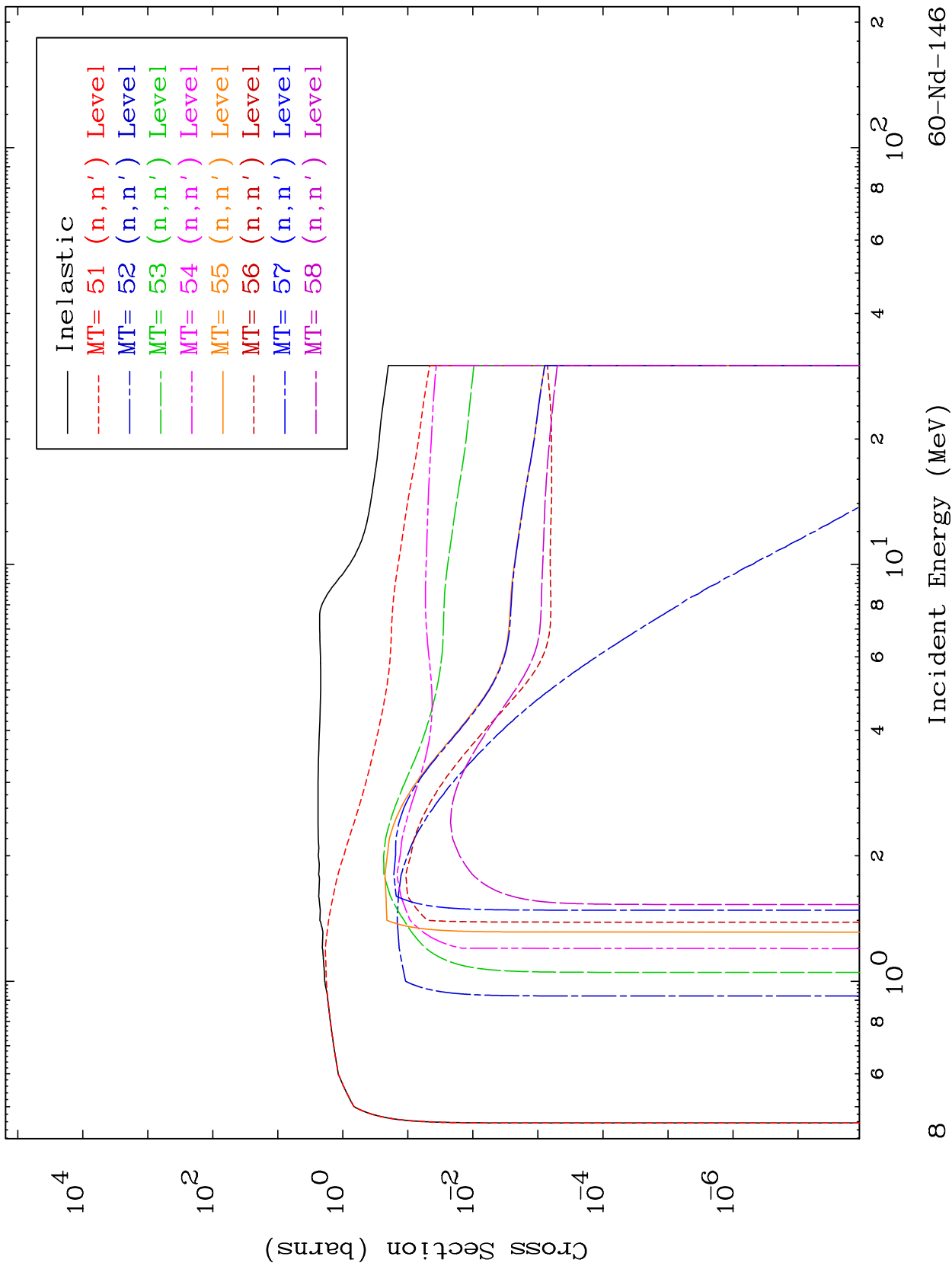


MAT 6037

(n,n') Levels

60-Nd-146

293 Kelvin Cross Sections



8

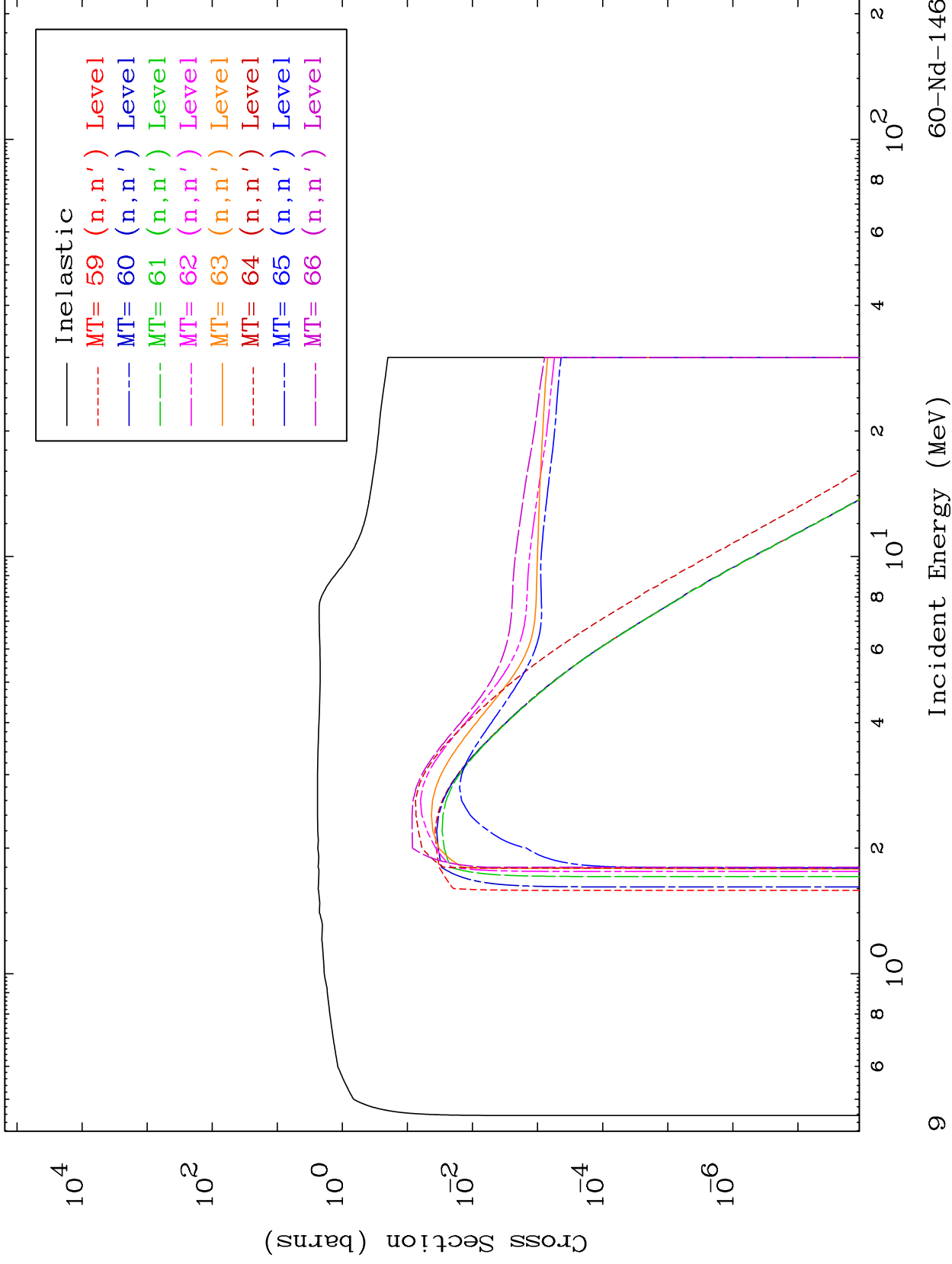
Incident Energy (MeV)

60-Nd-146

MAT 6037

(n,n') Levels
293 Kelvin Cross Sections

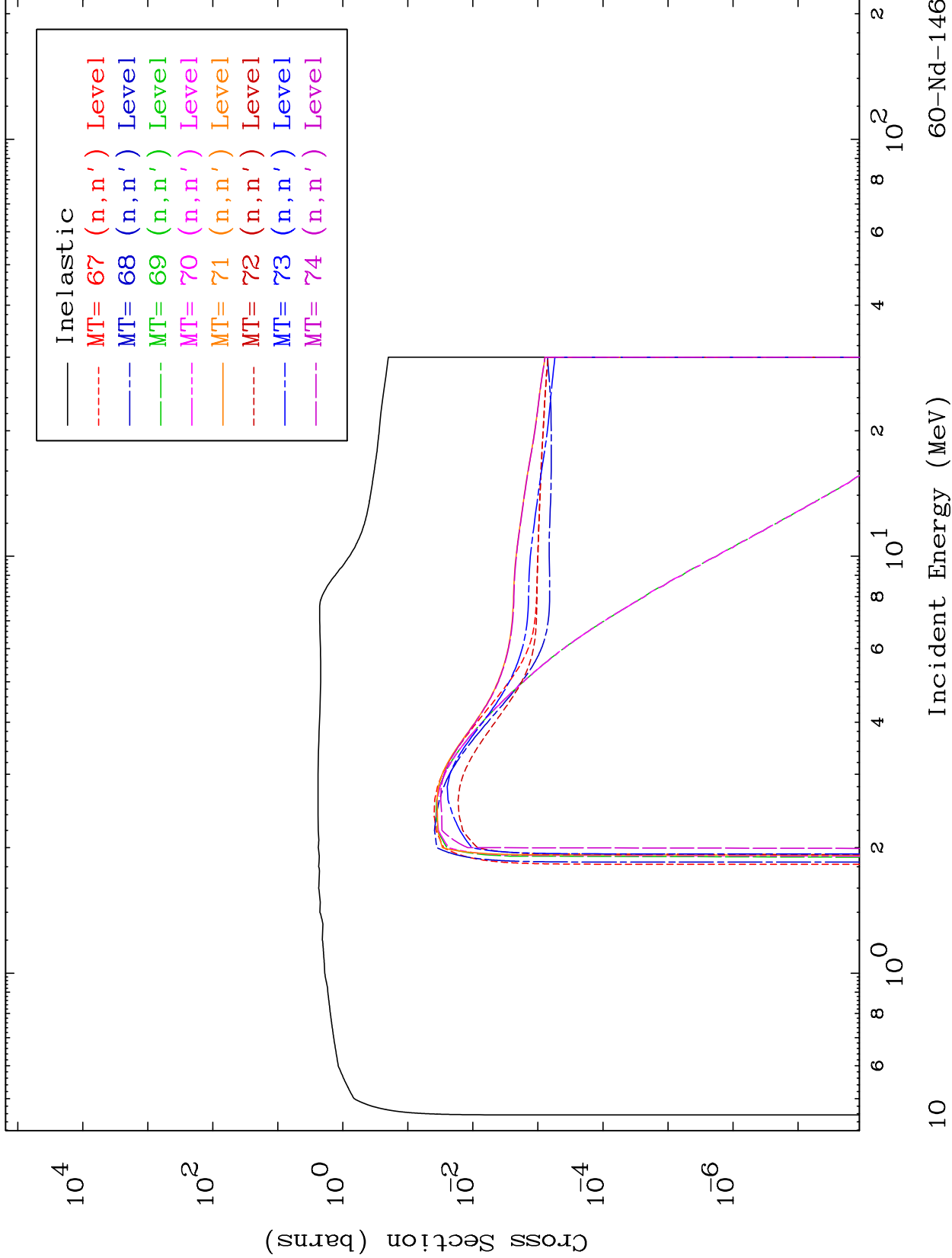
60-Nd-146



MAT 6037

(n,n') Levels
293 Kelvin Cross Sections

60-Nd-146



10

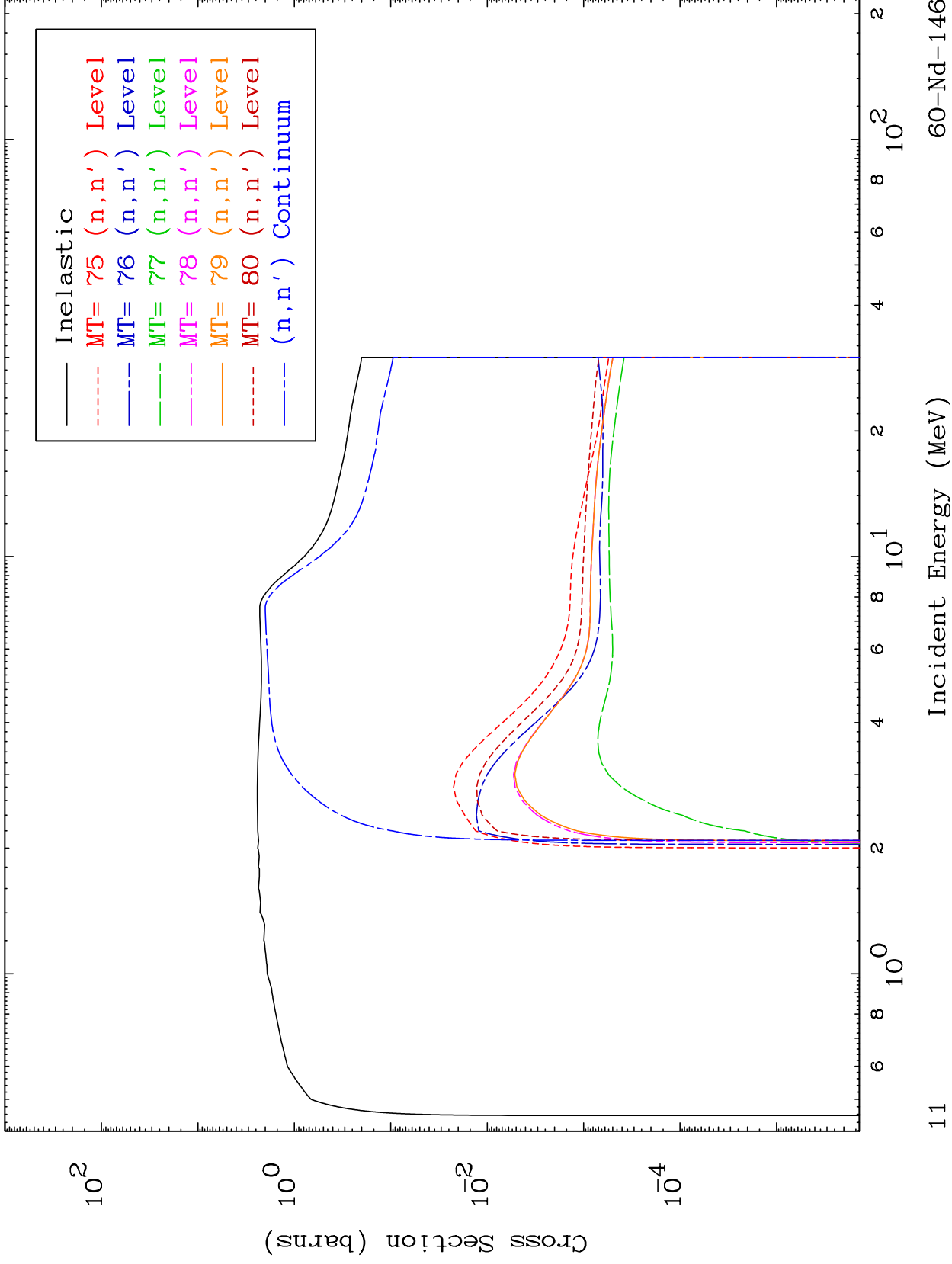
Incident Energy (MeV)

60-Nd-146

MAT 6037

(n,n') Levels
293 Kelvin Cross Sections

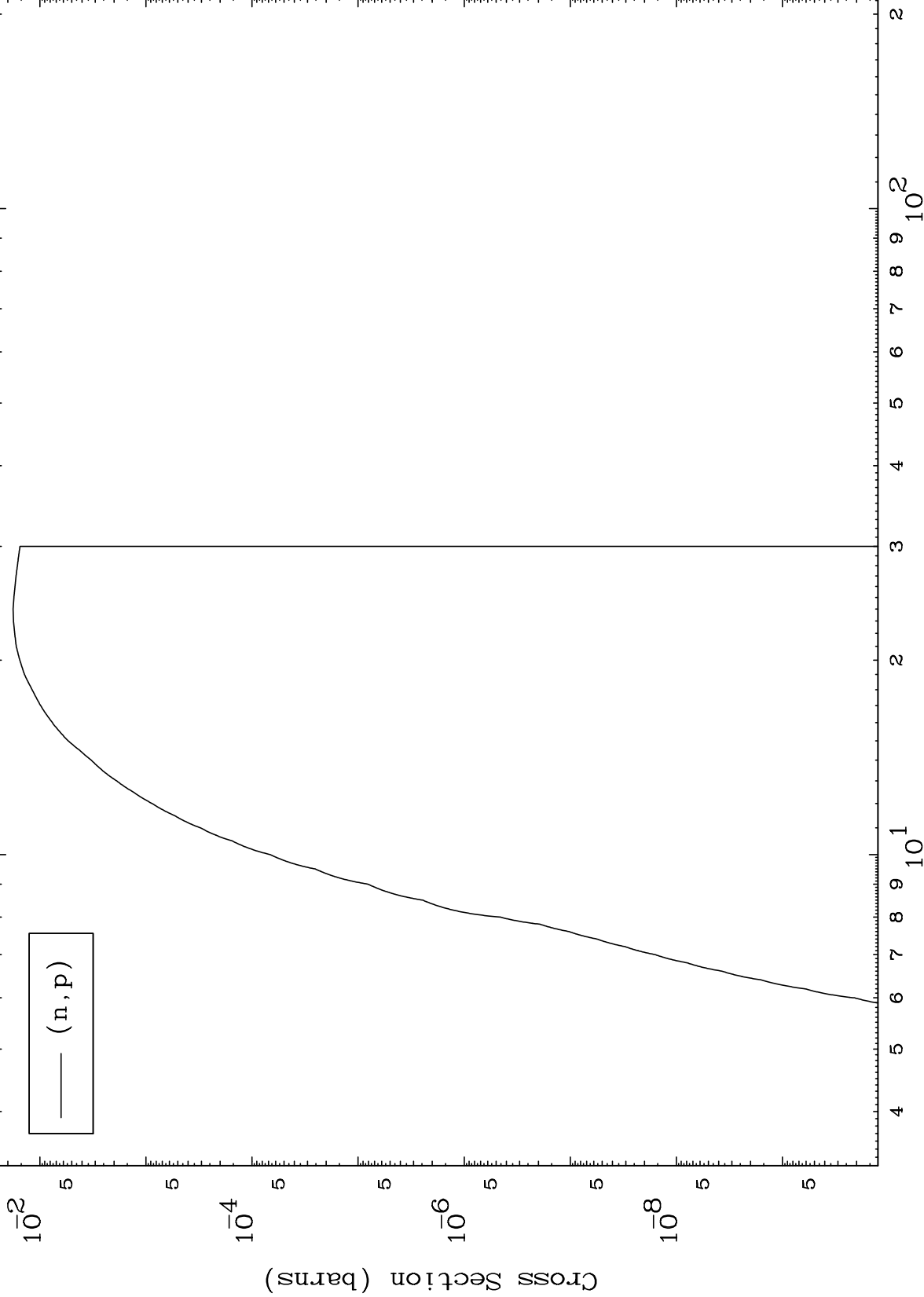
60-Nd-146



MAT 6037

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-146



12

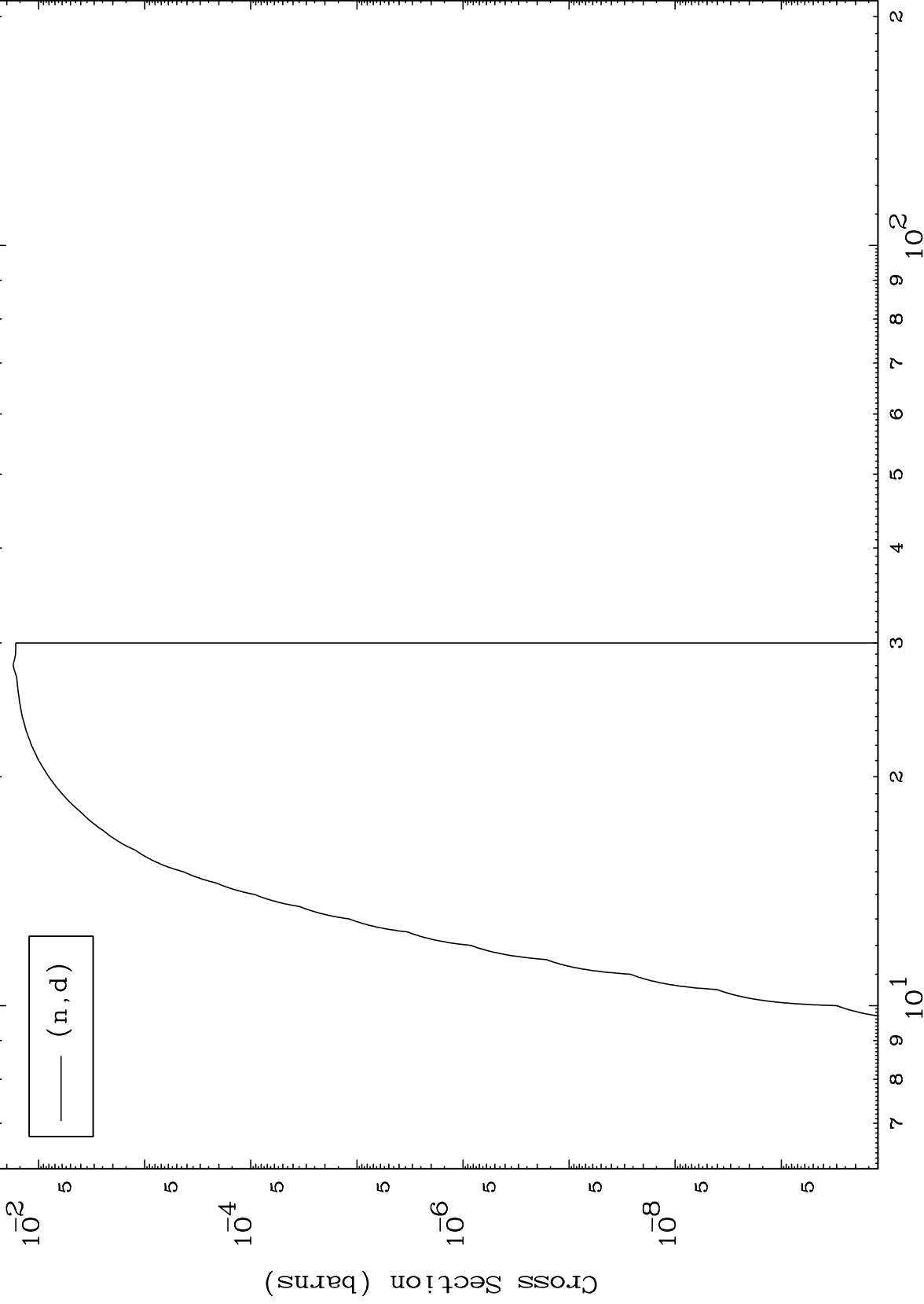
Incident Energy (MeV)

60-Nd-146

MAT 6037

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-146



13

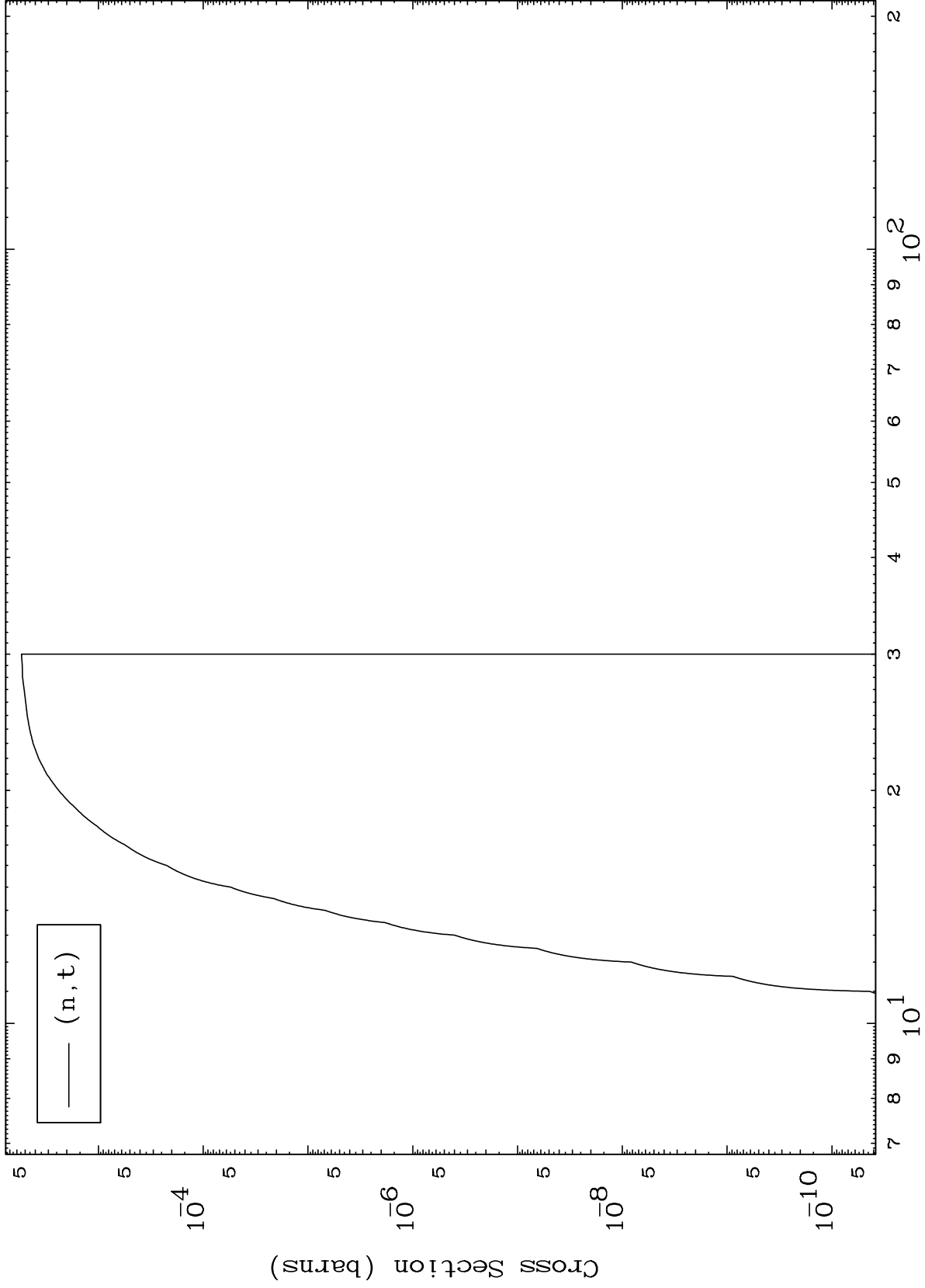
Incident Energy (MeV)

60-Nd-146

MAT 6037

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-146



14

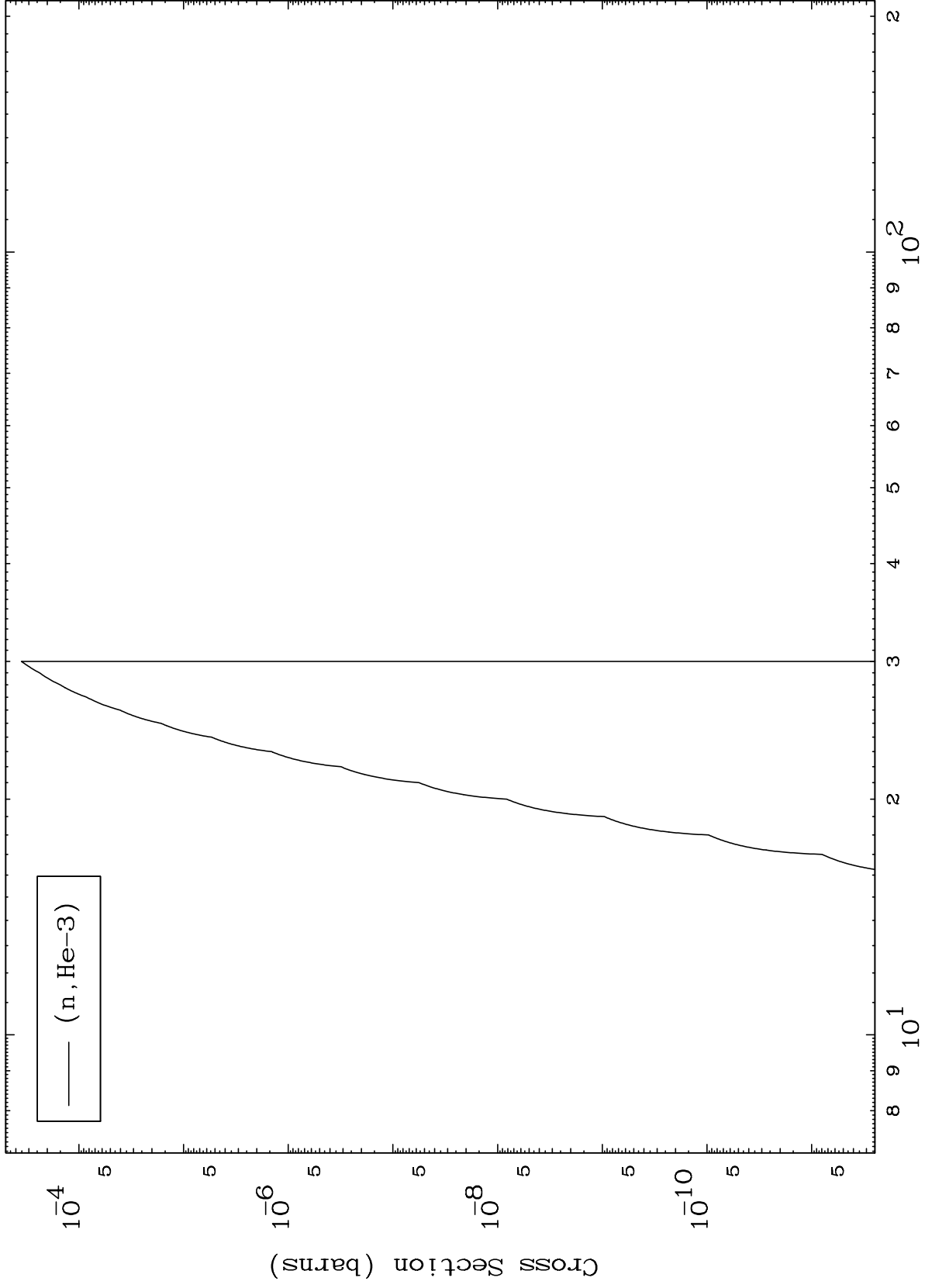
Incident Energy (MeV)

60-Nd-146

MAT 6037

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-146



15

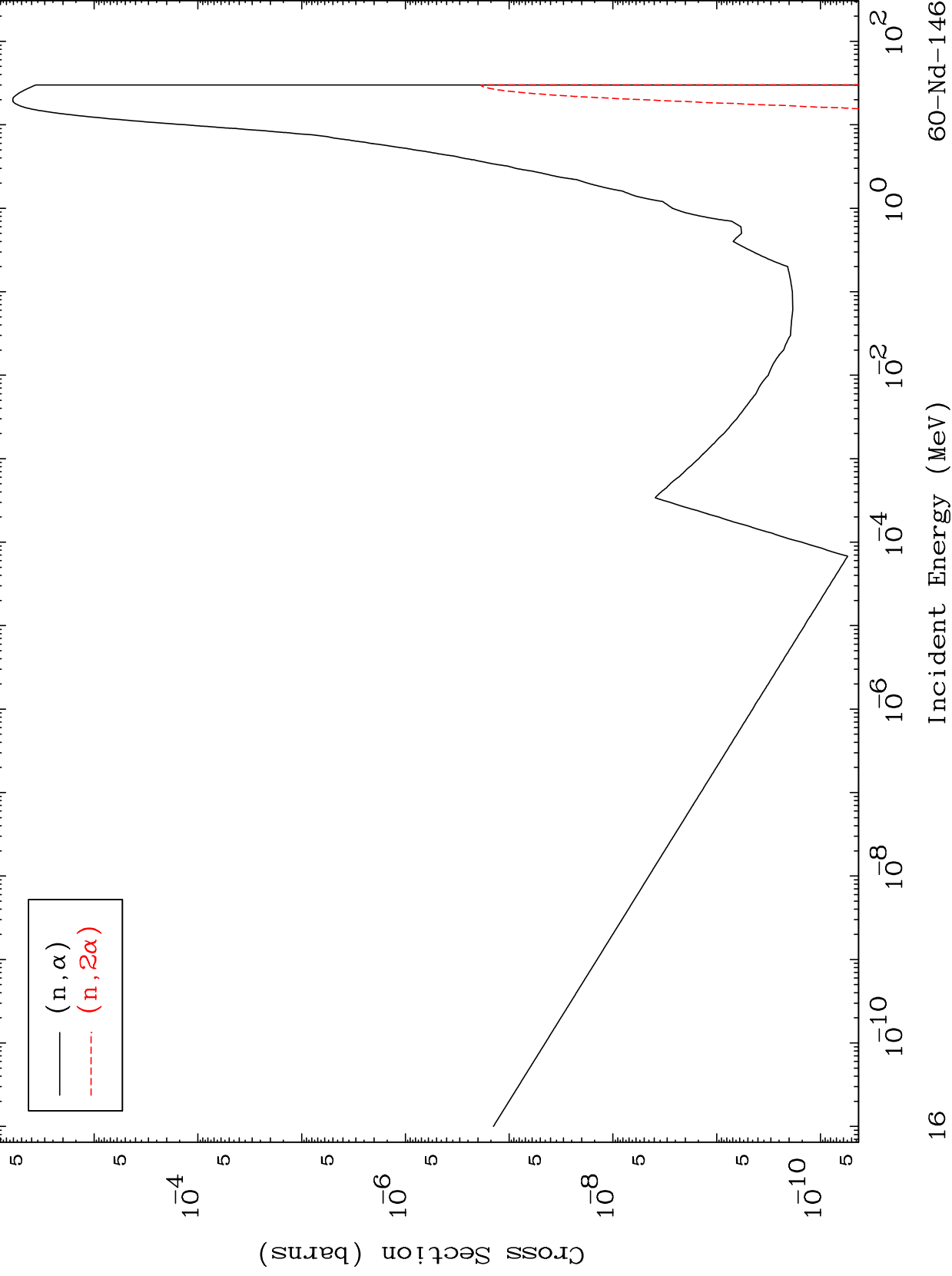
Incident Energy (MeV)

60-Nd-146

MAT 6037

(n, α) Levels
293 Kelvin Cross Sections

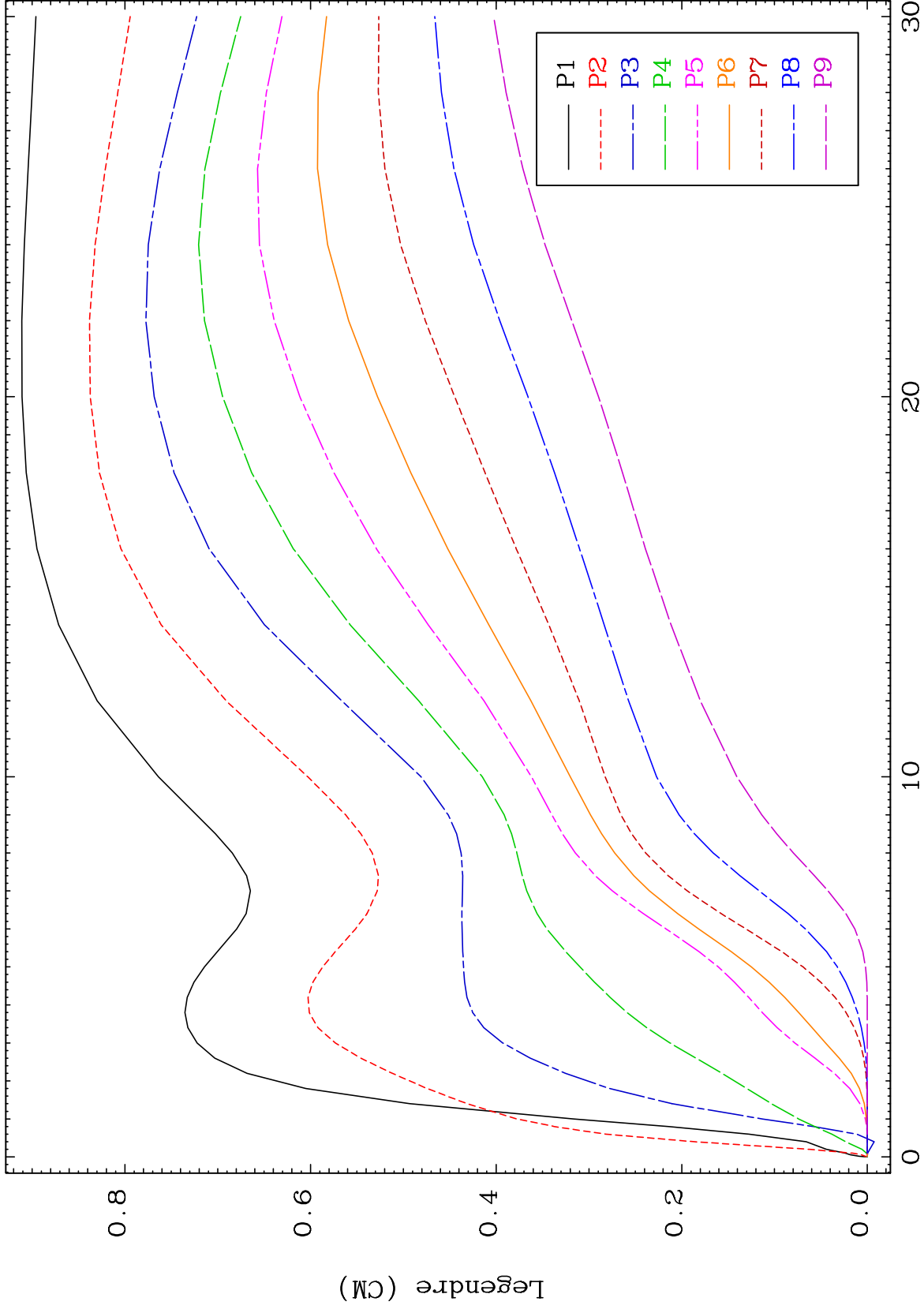
⁶⁰Nd-146



MAT 6037

Elastic Legendre Coefficients

⁶⁰Nd-146



17

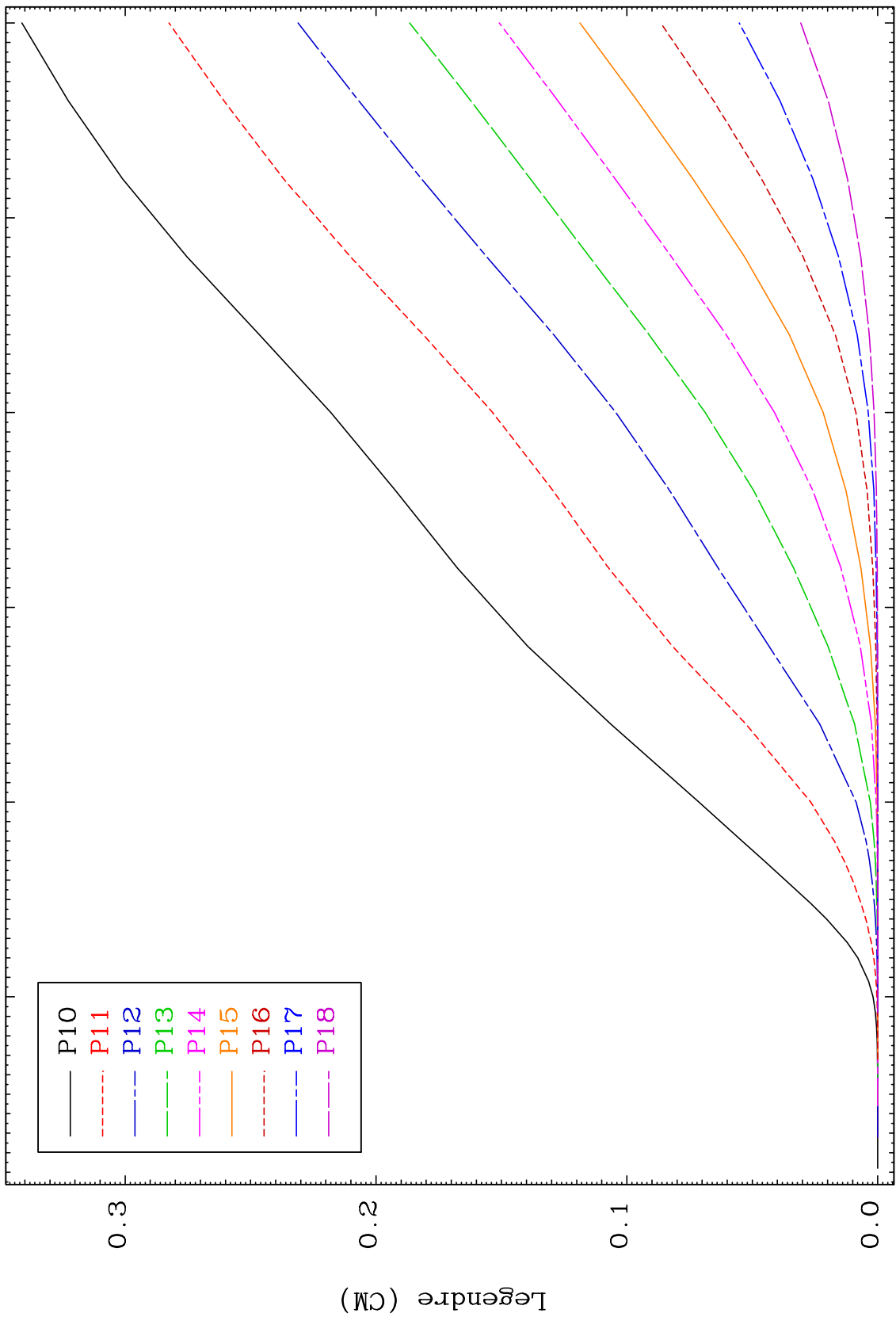
Incident Energy (MeV)

⁶⁰Nd-146

MAT 6037

Elastic Legendre Coefficients

⁶⁰Nd-146



18

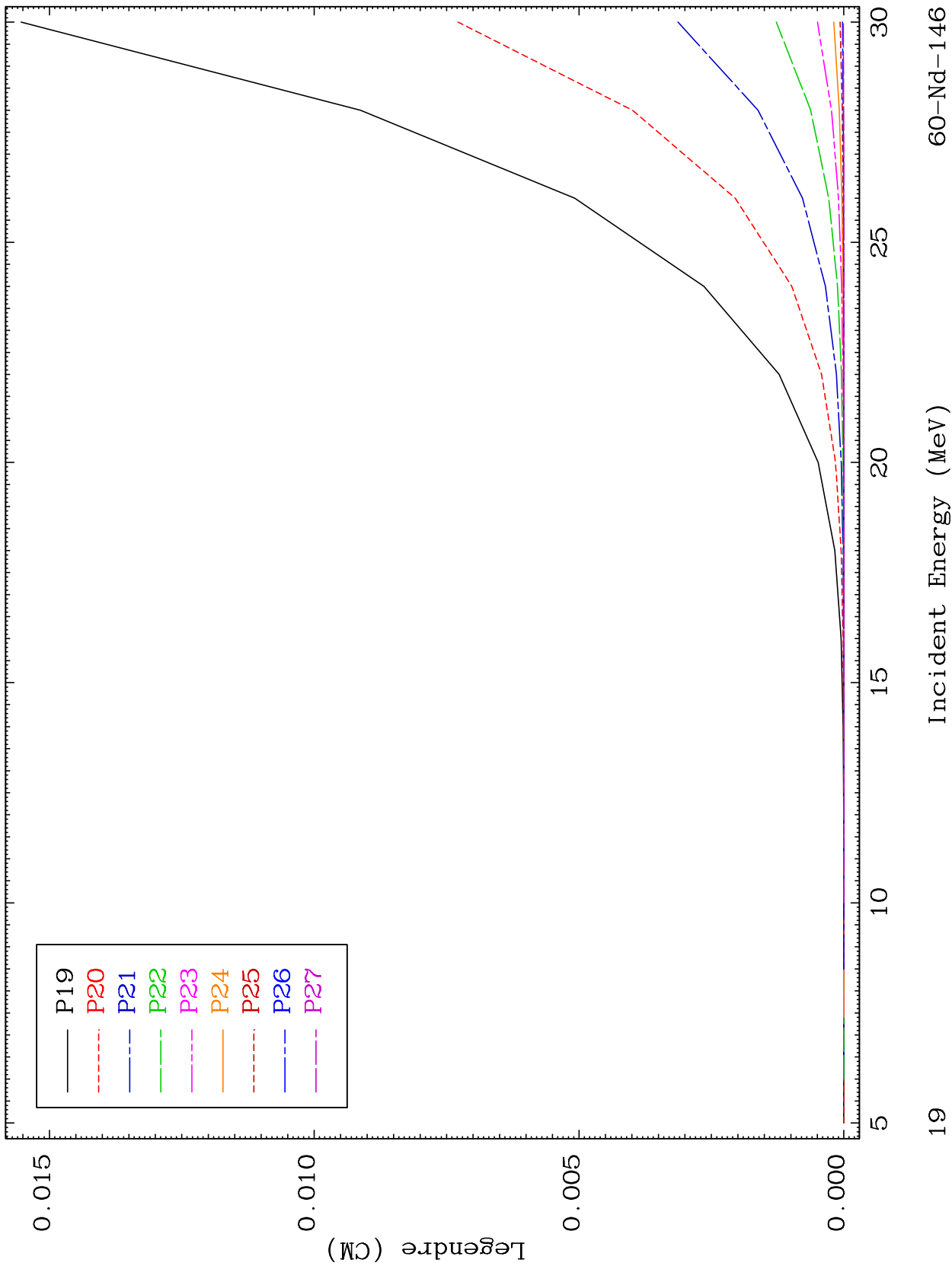
Incident Energy (MeV)

⁶⁰Nd-146

MAT 6037

Elastic Legendre Coefficients

60-Nd-146



19

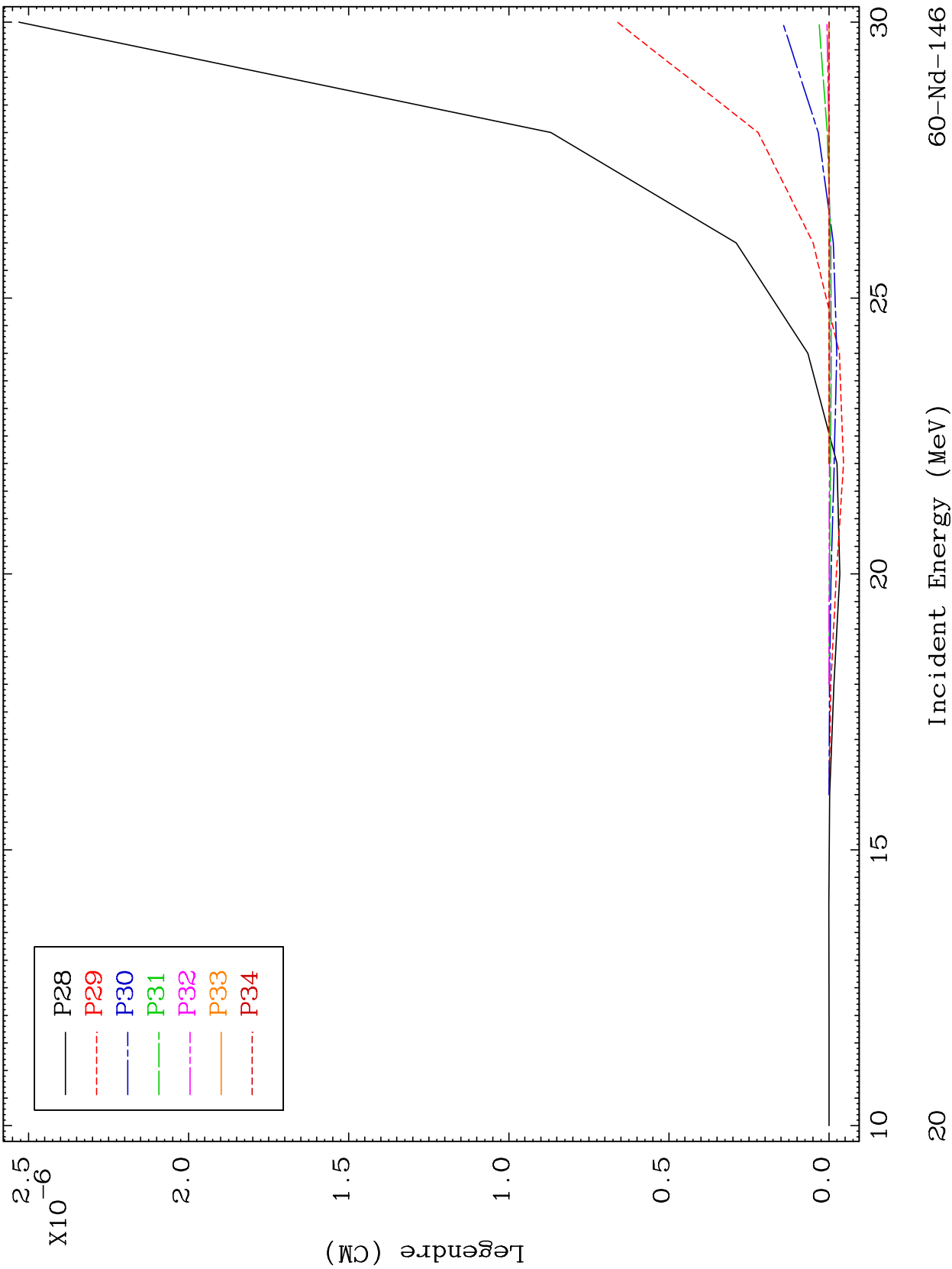
Incident Energy (MeV)

60-Nd-146

MAT 6037

Elastic Legendre Coefficients

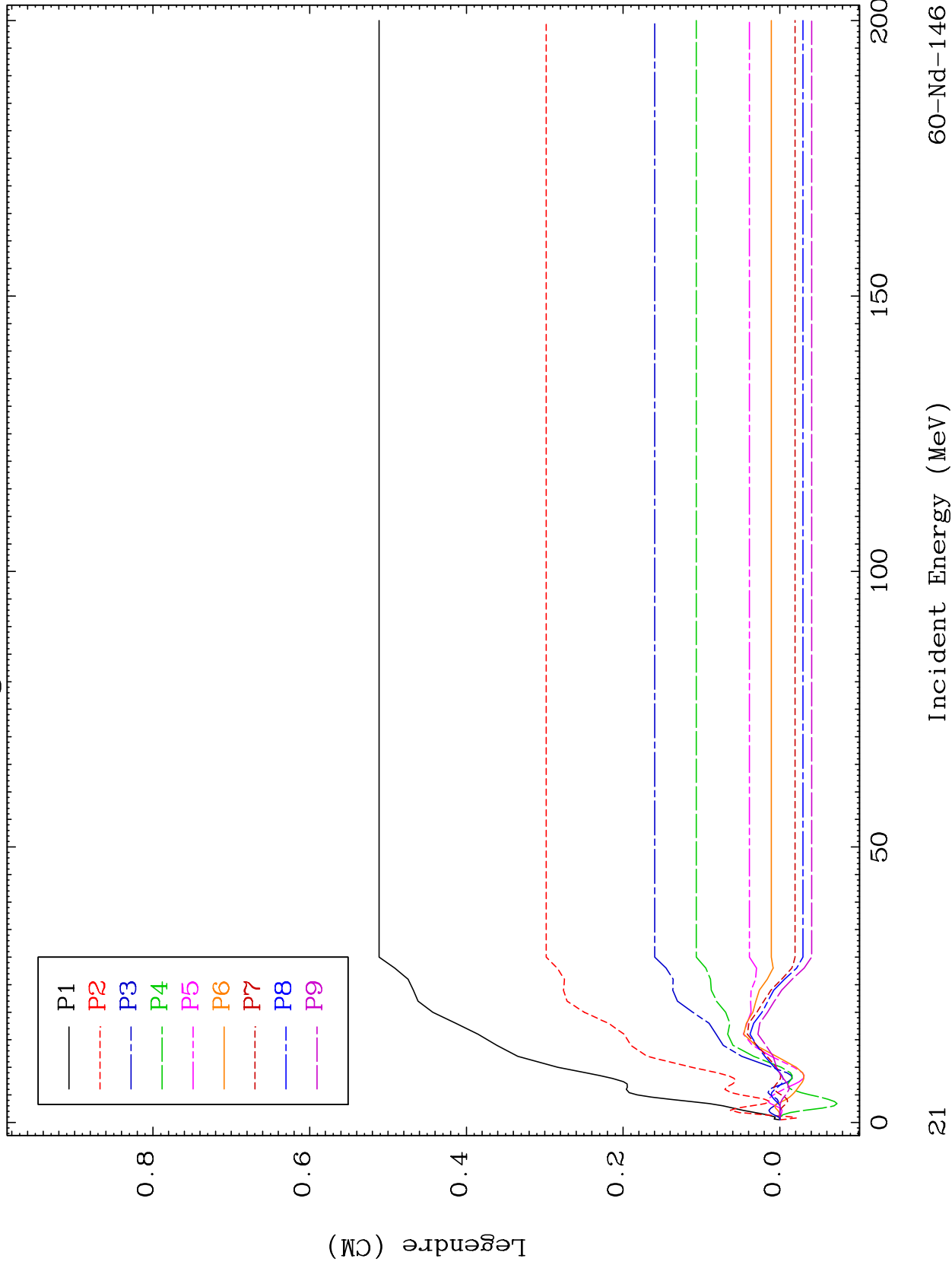
⁶⁰Nd-146



MAT 6037

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

60-Nd-146



21

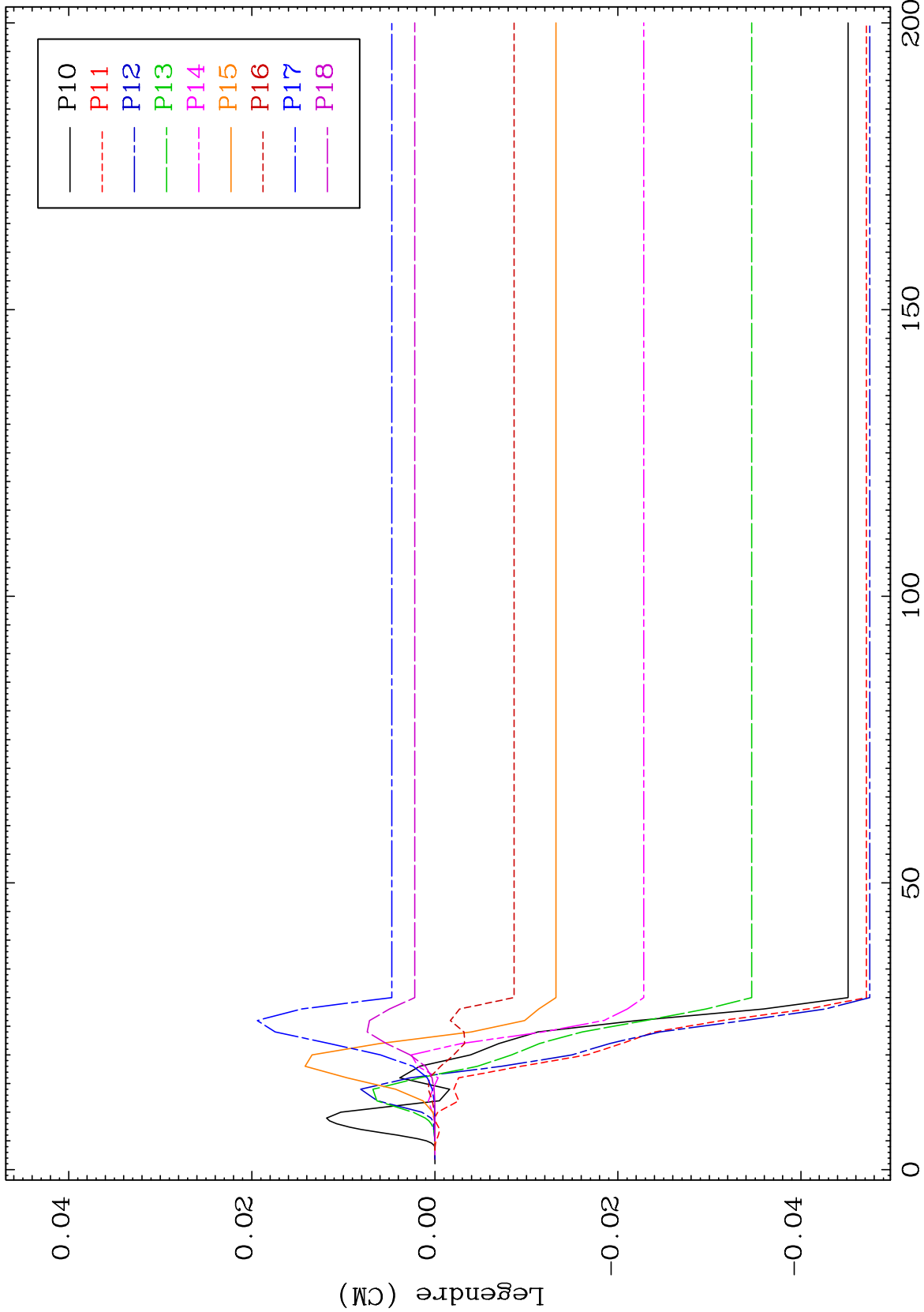
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



22

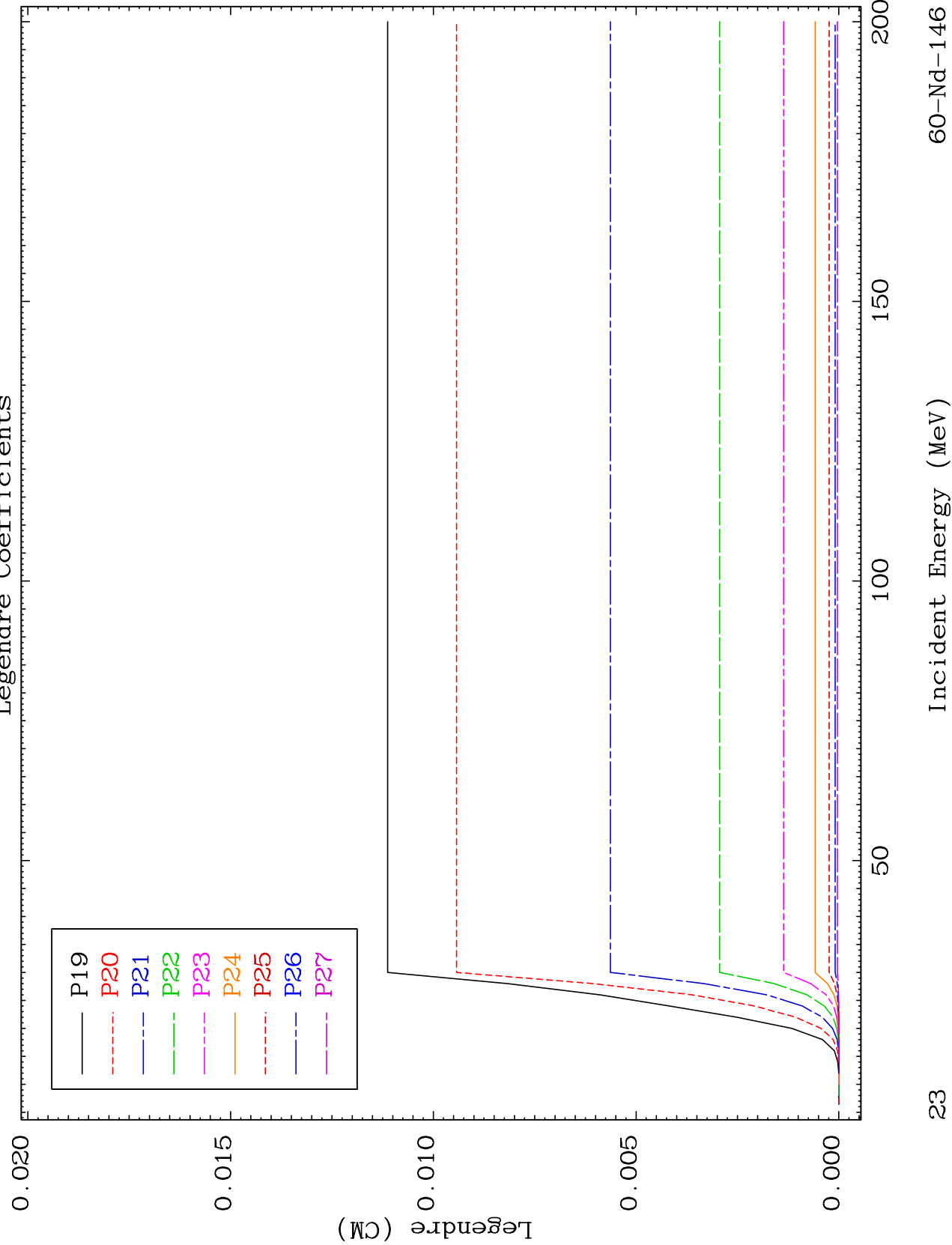
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

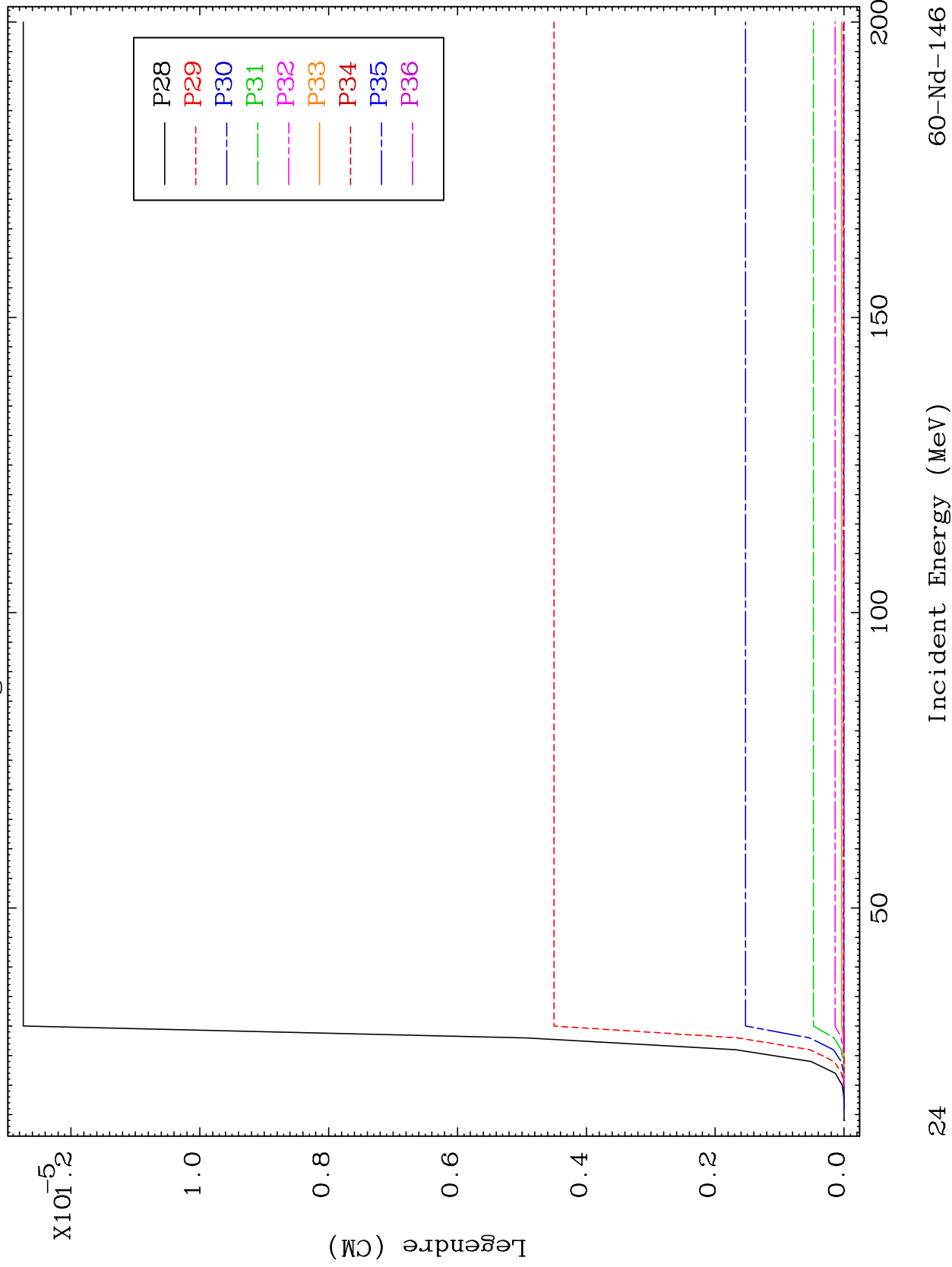
60-Nd-146



MAT 6037

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

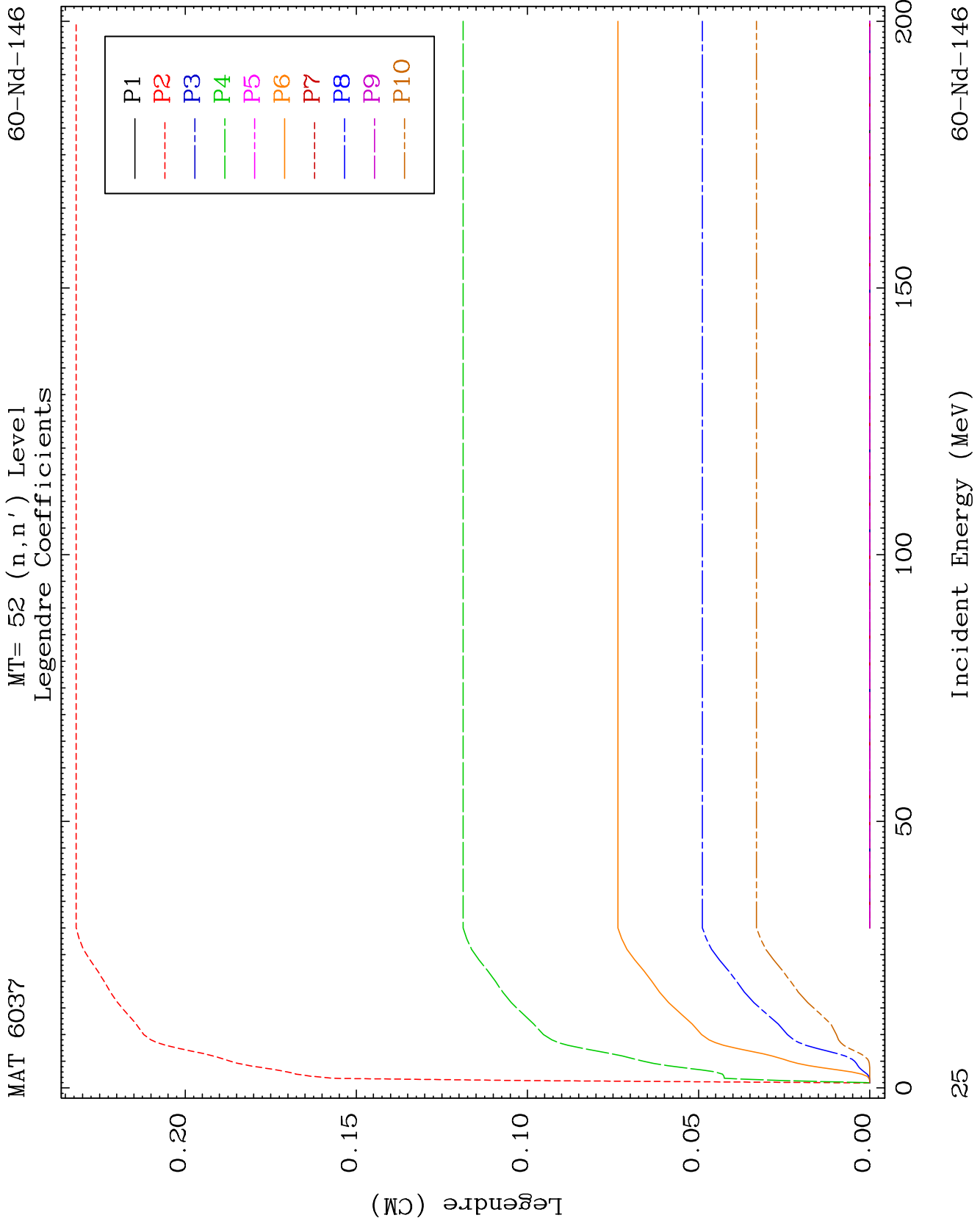
60-Nd-146



24

Incident Energy (MeV)

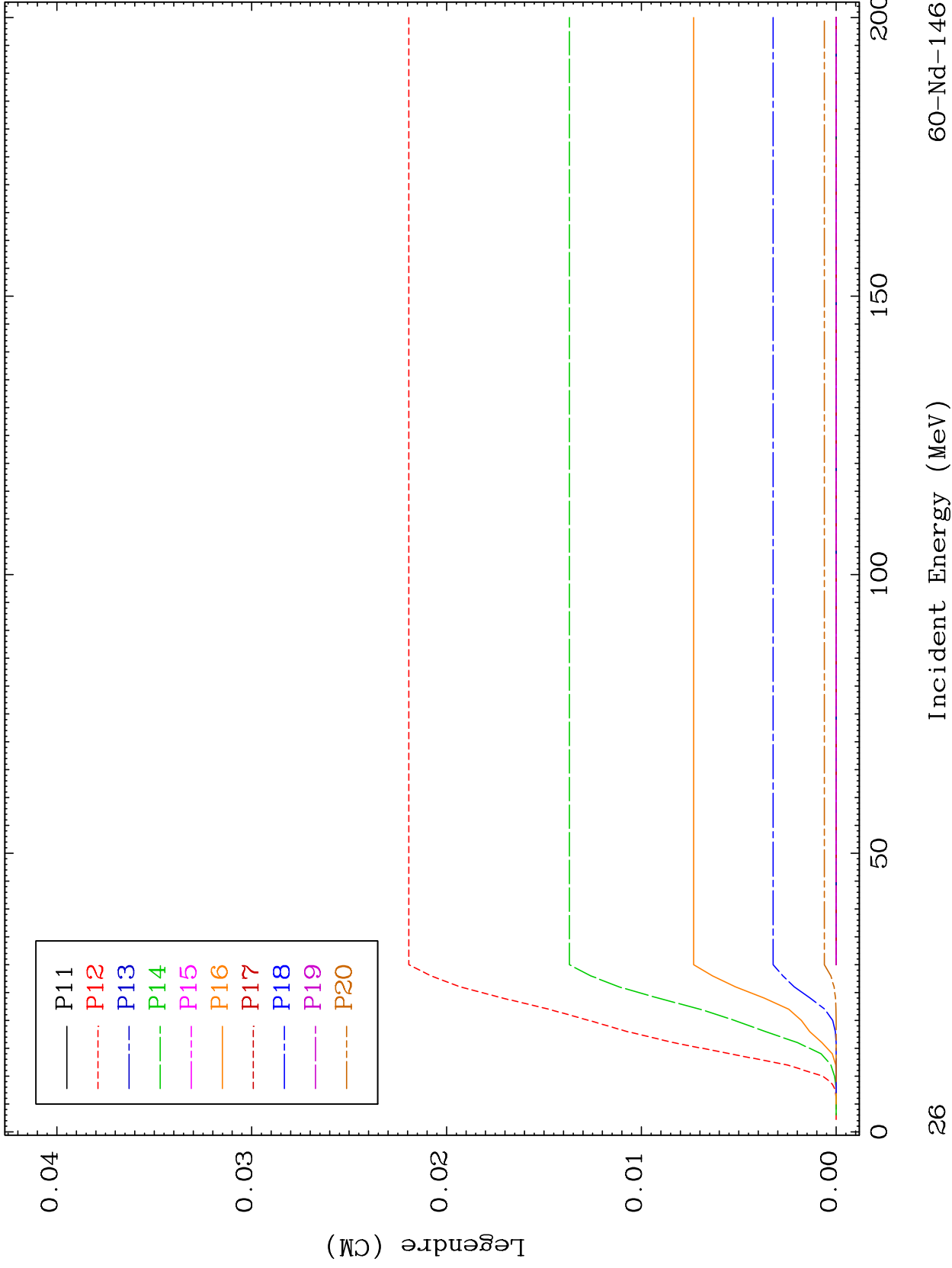
60-Nd-146



MAT 6037

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

60-Nd-146



60-Nd-146

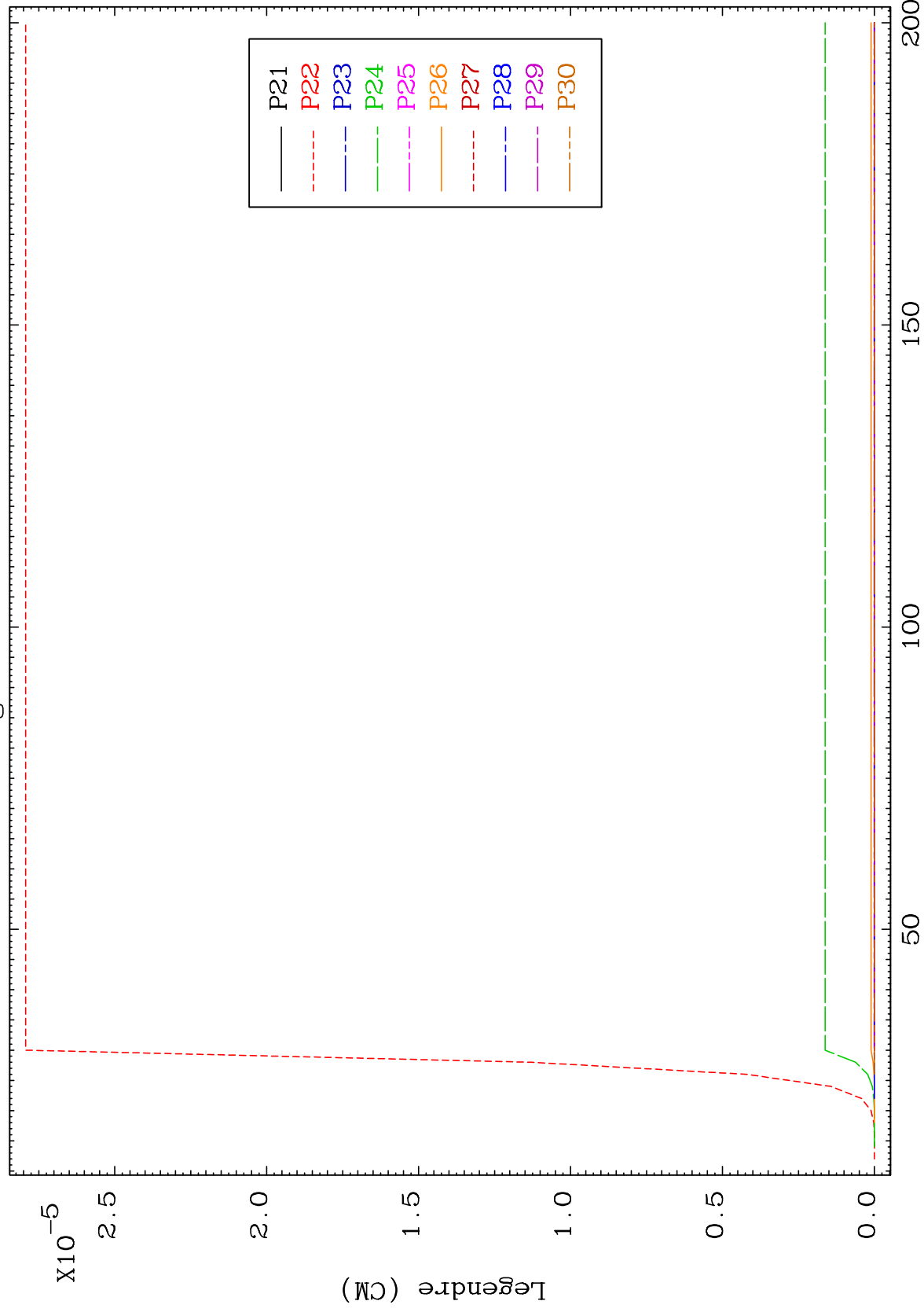
Incident Energy (MeV)

26

MAT 6037

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

60-Nd-146



27

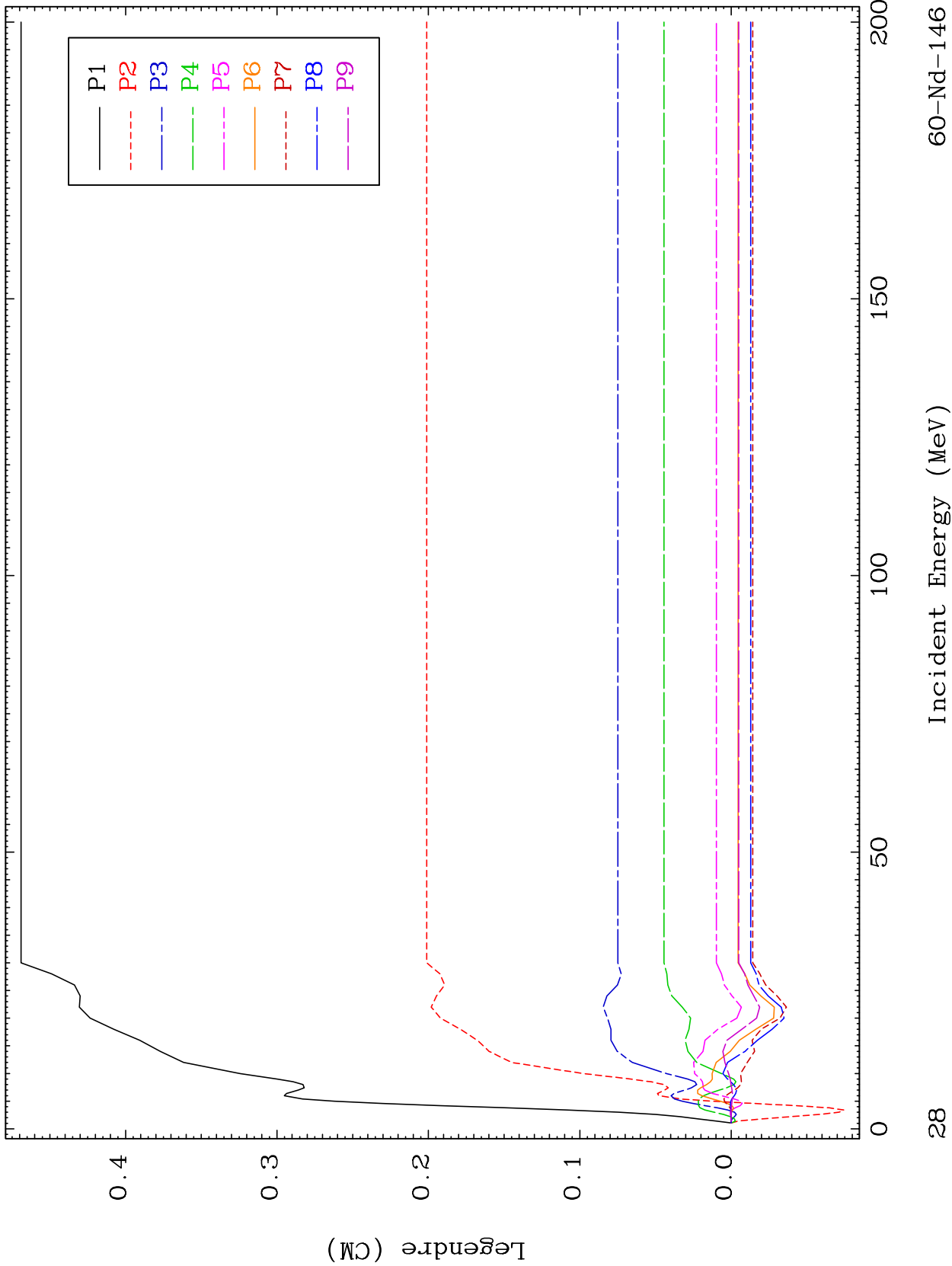
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

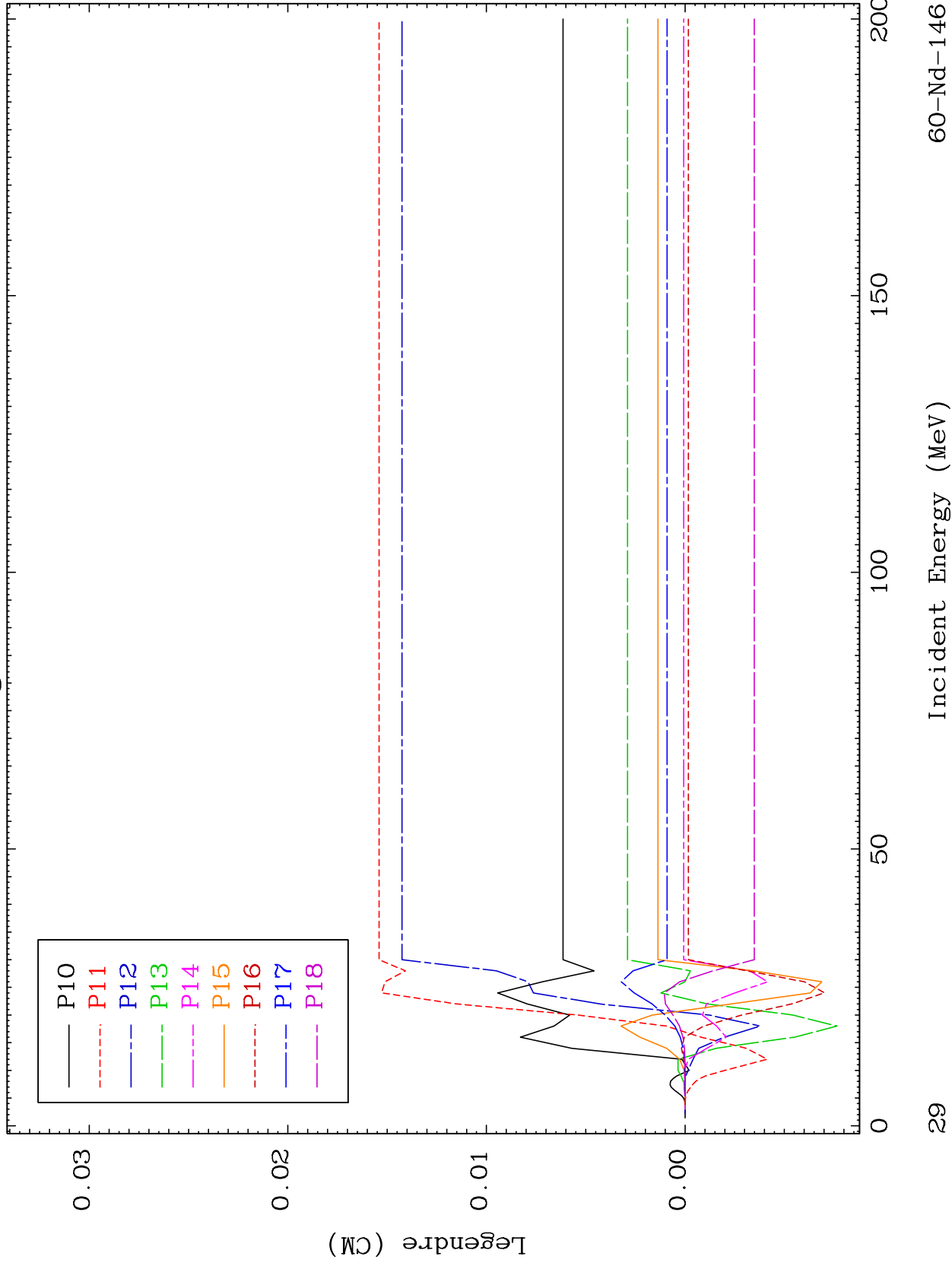
Incident Energy (MeV)

28

MAT 6037

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

60-Nd-146

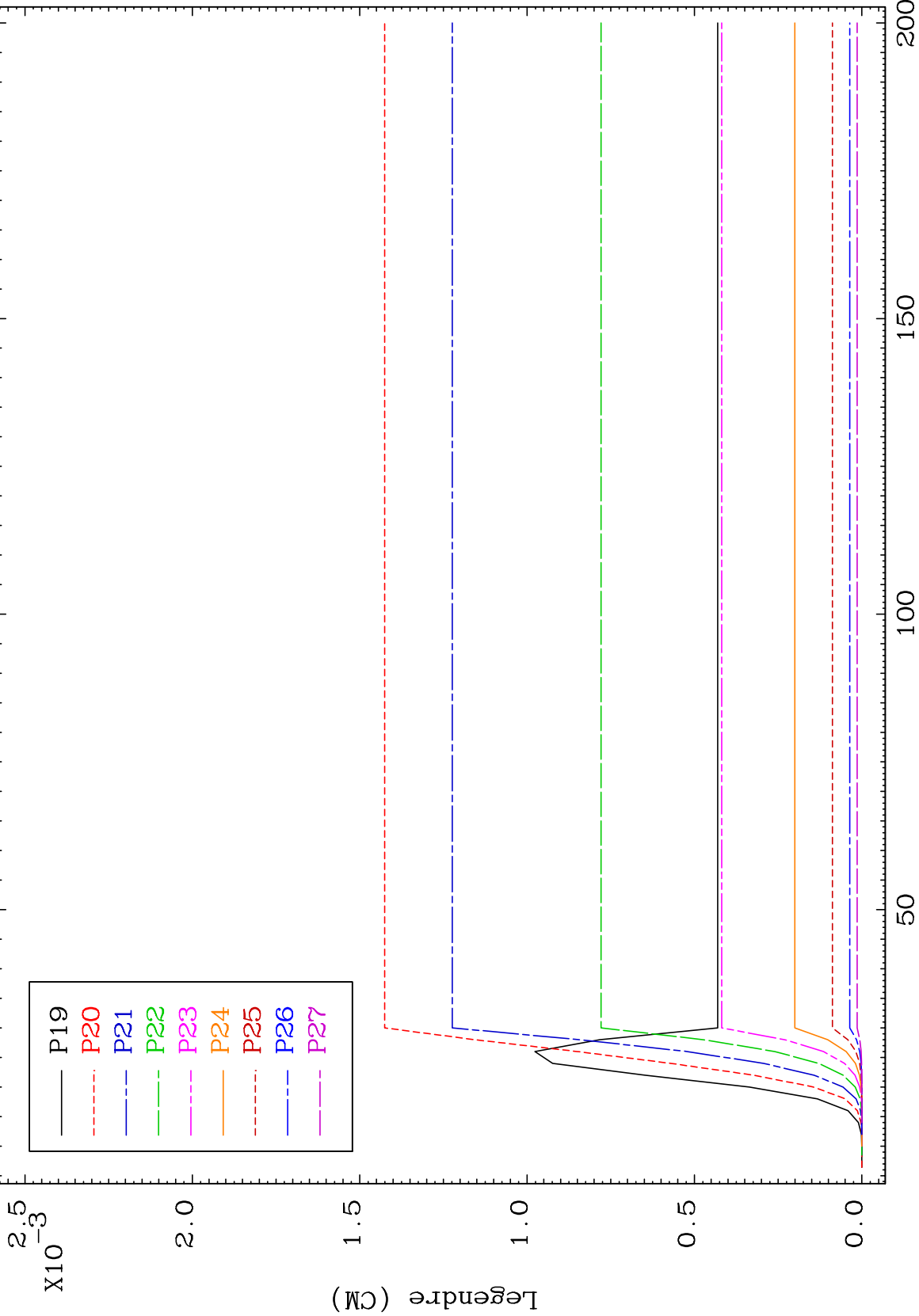


29

MAT 6037

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

60-Nd-146



30

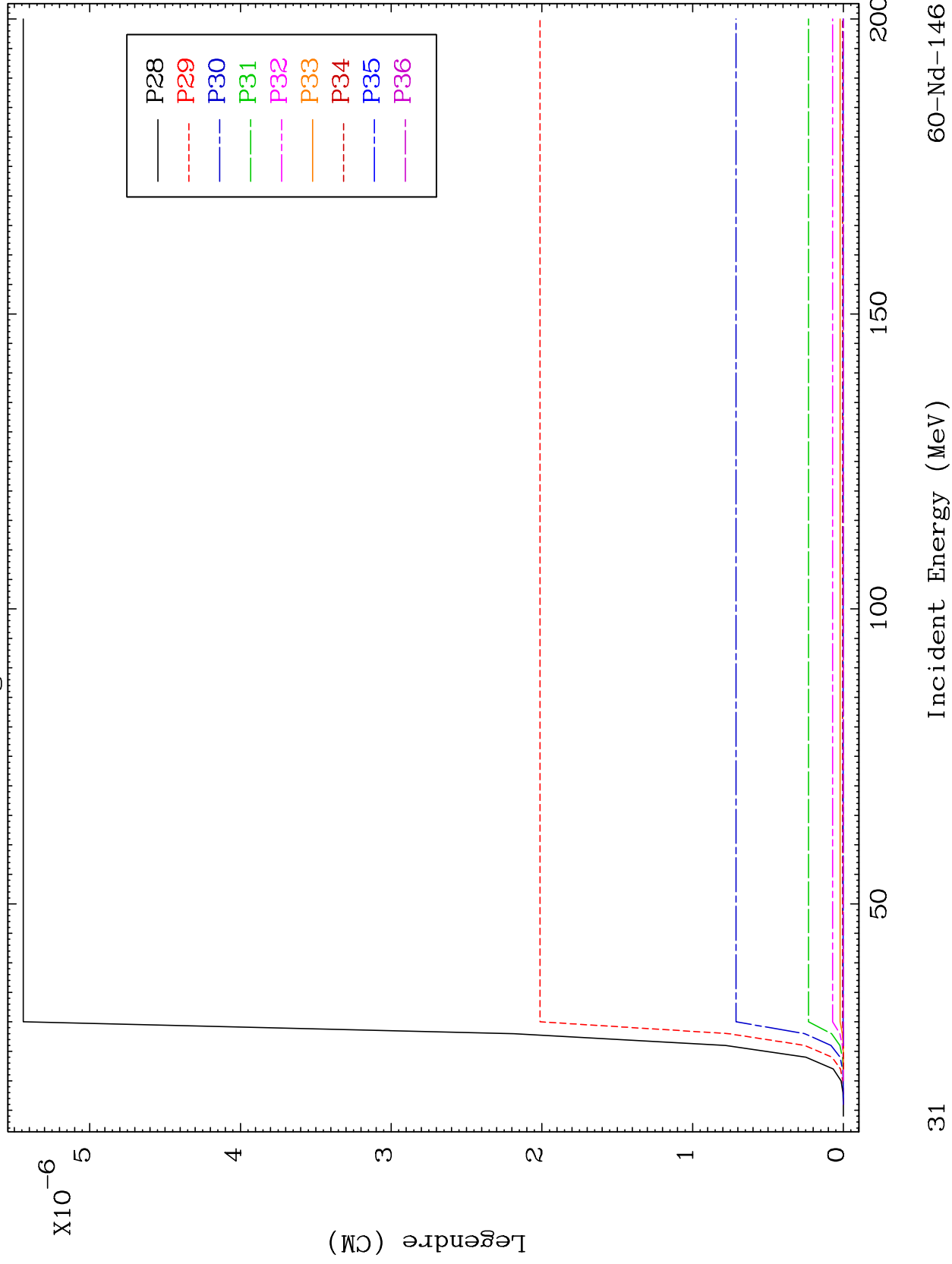
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

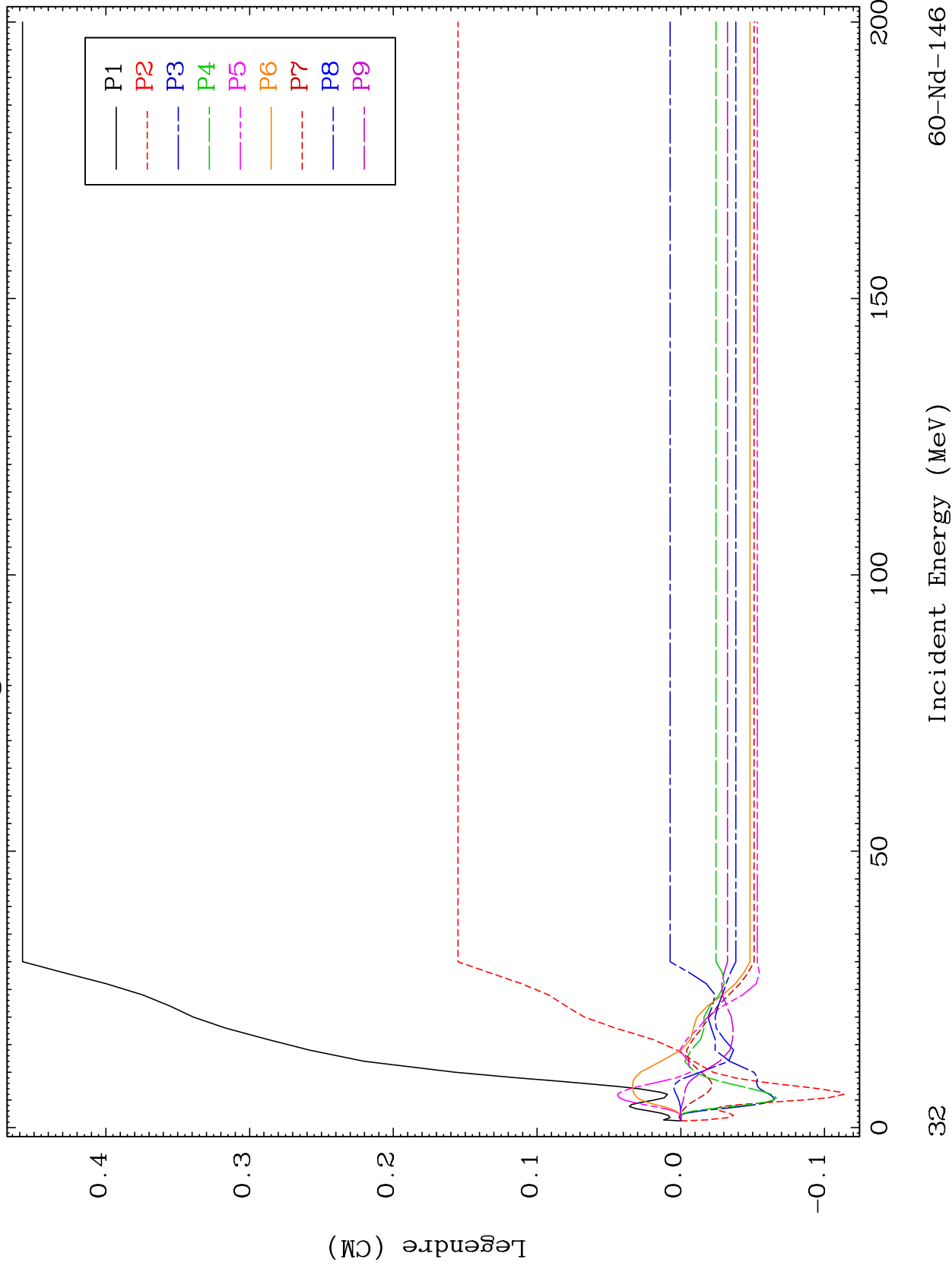
60-Nd-146



MAT 6037

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

60-Nd-146



60-Nd-146

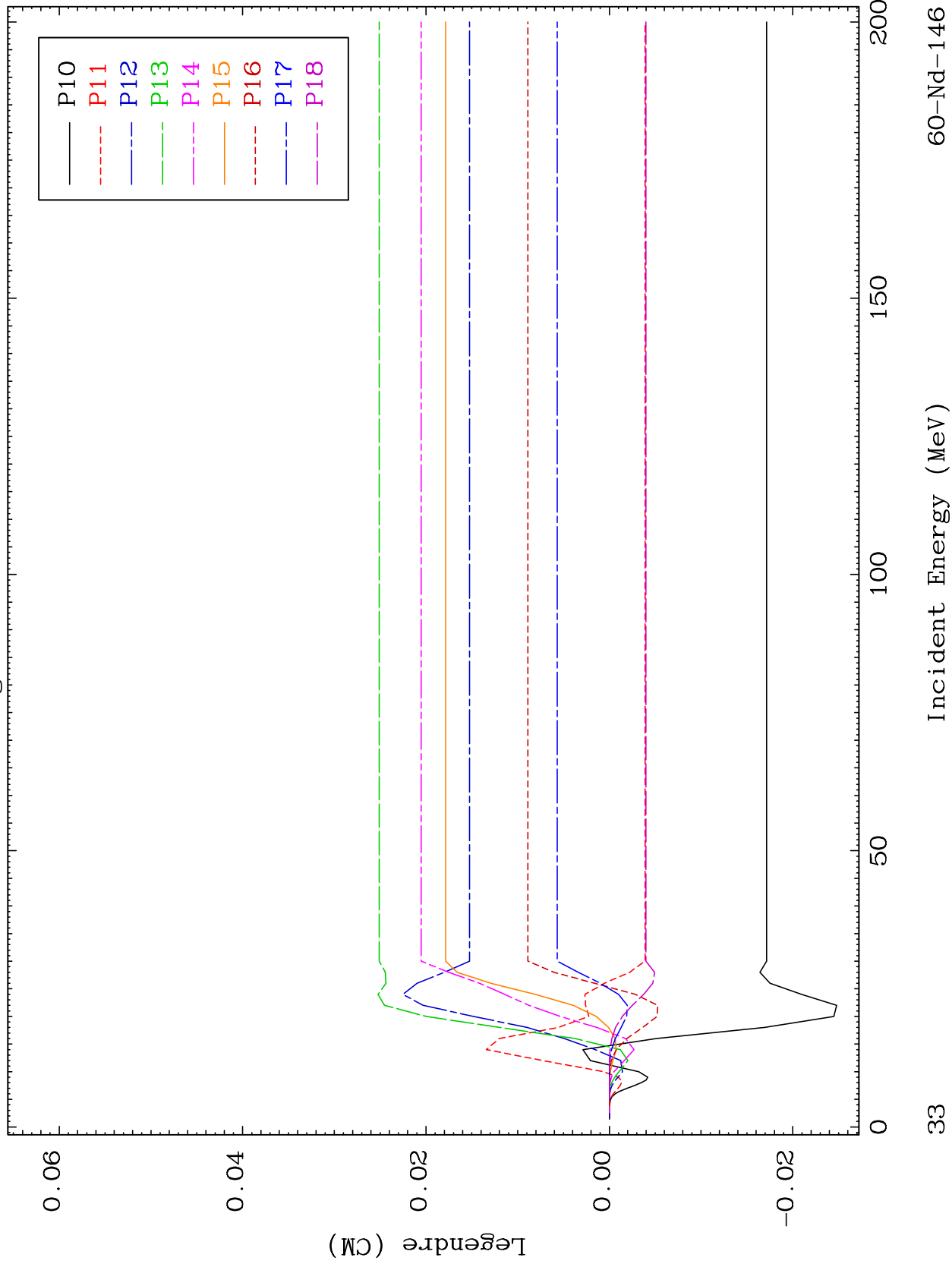
Incident Energy (MeV)

32

MAT 6037

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

60-Nd-146



33

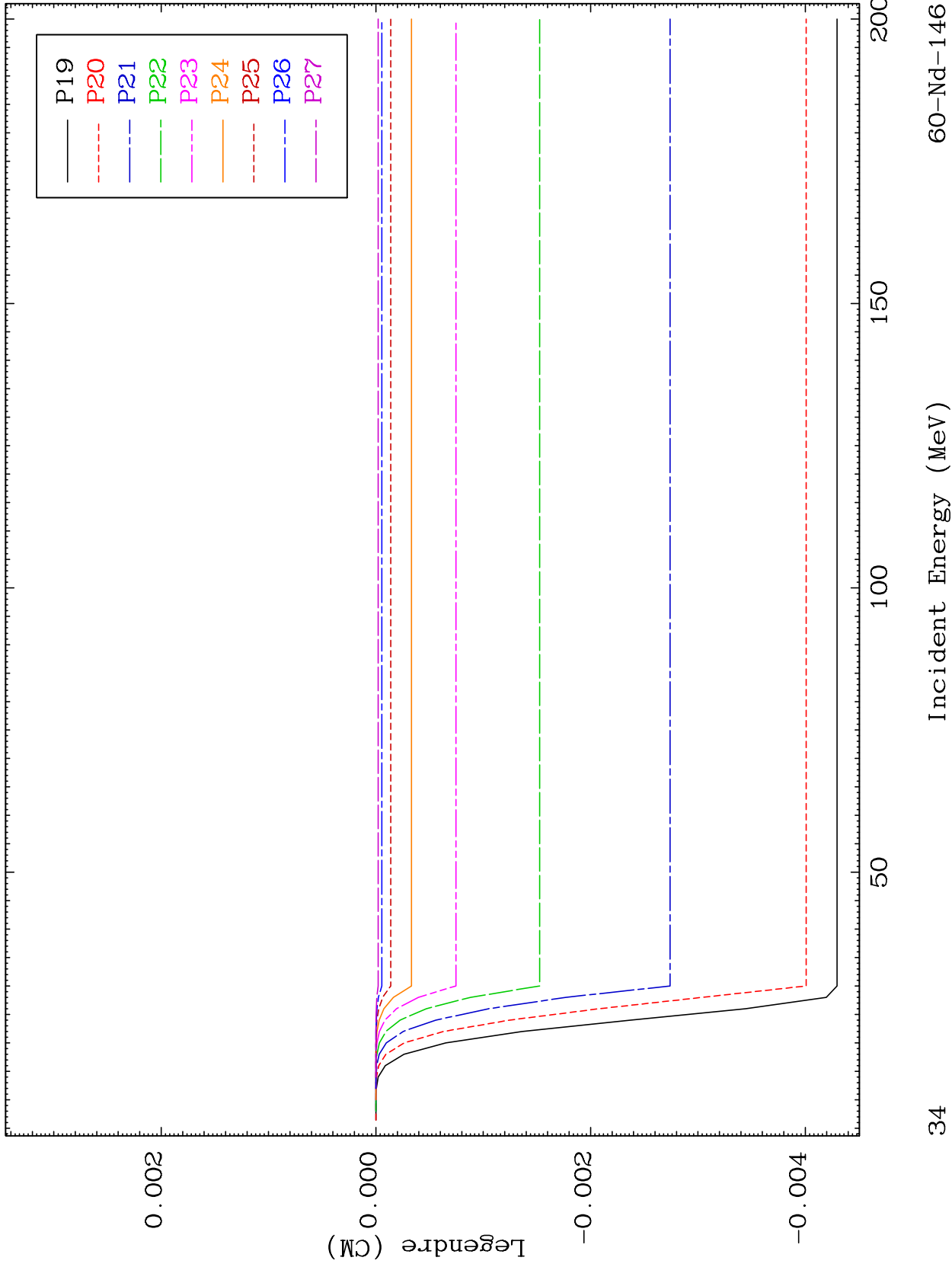
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



34

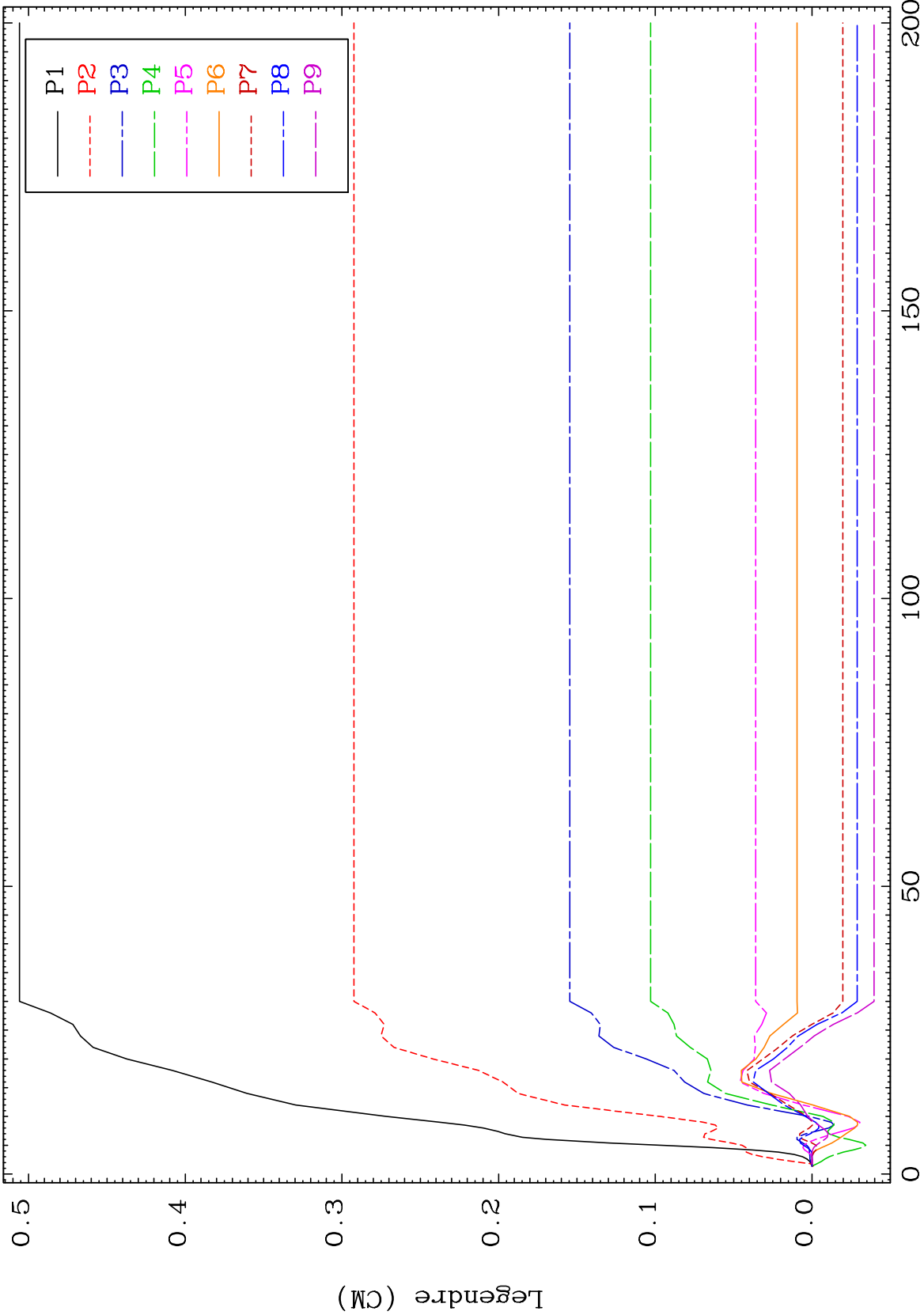
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

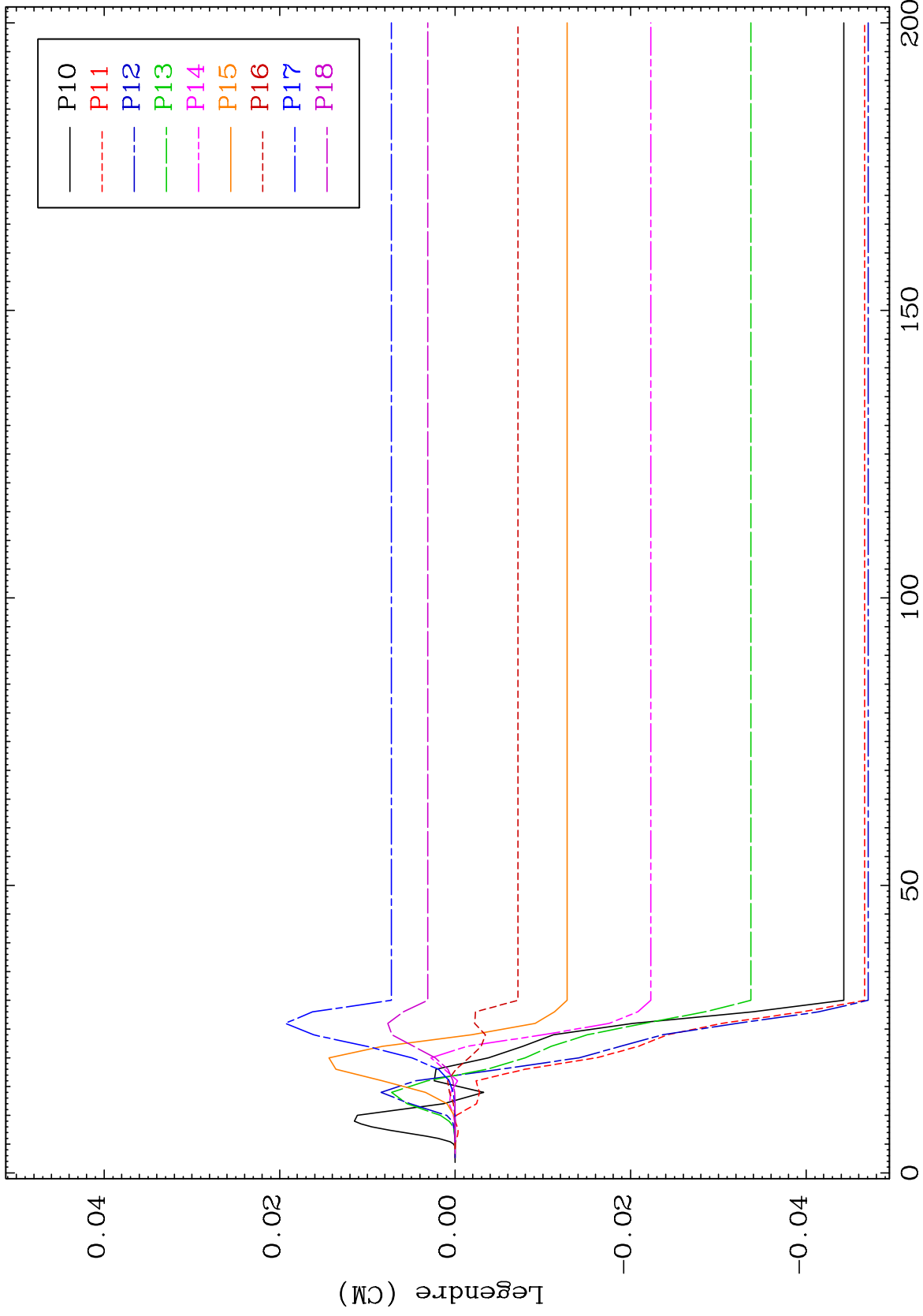
Incident Energy (MeV)

36

MAT 6037

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

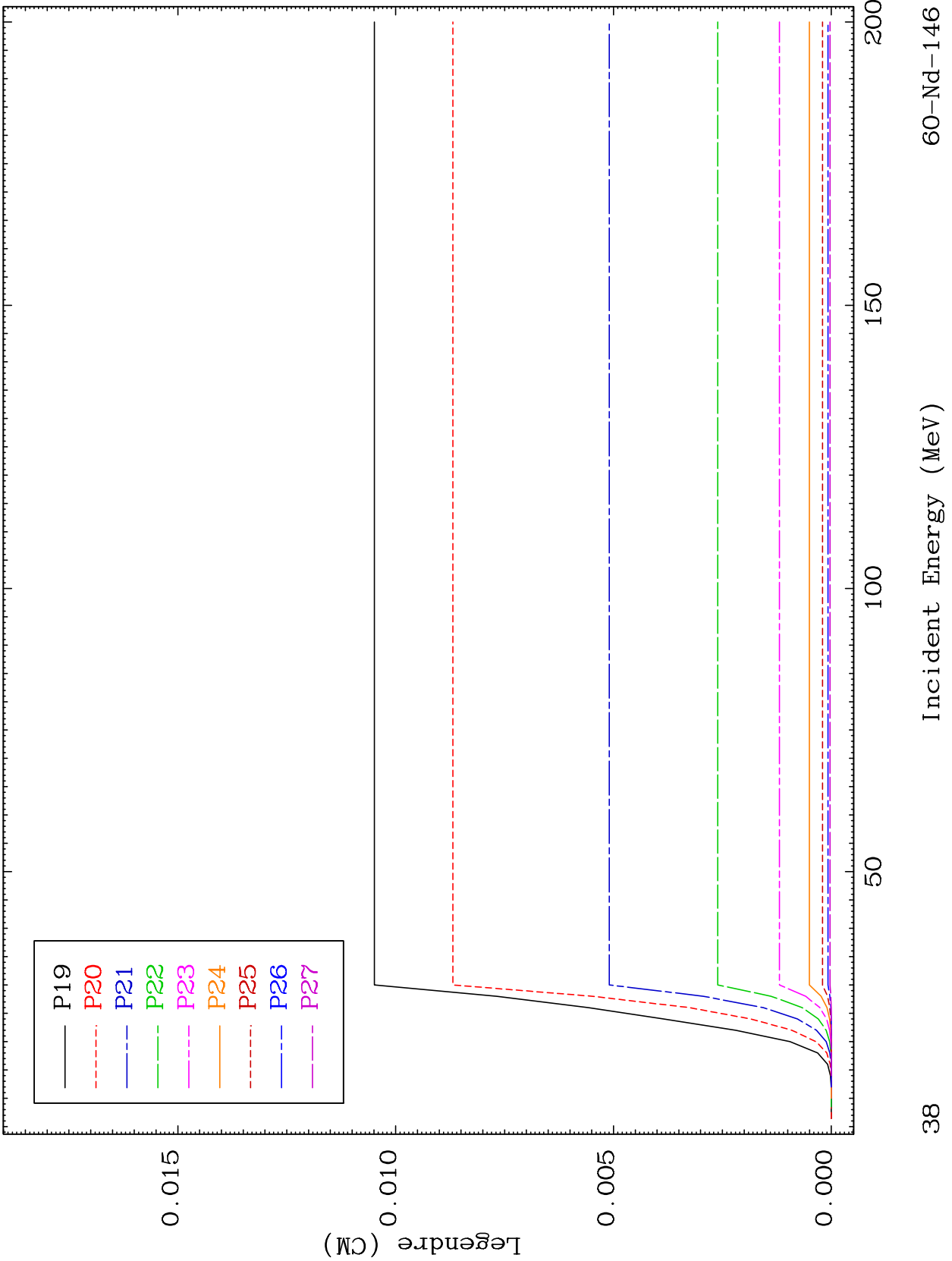
60-Nd-146



37

Incident Energy (MeV)

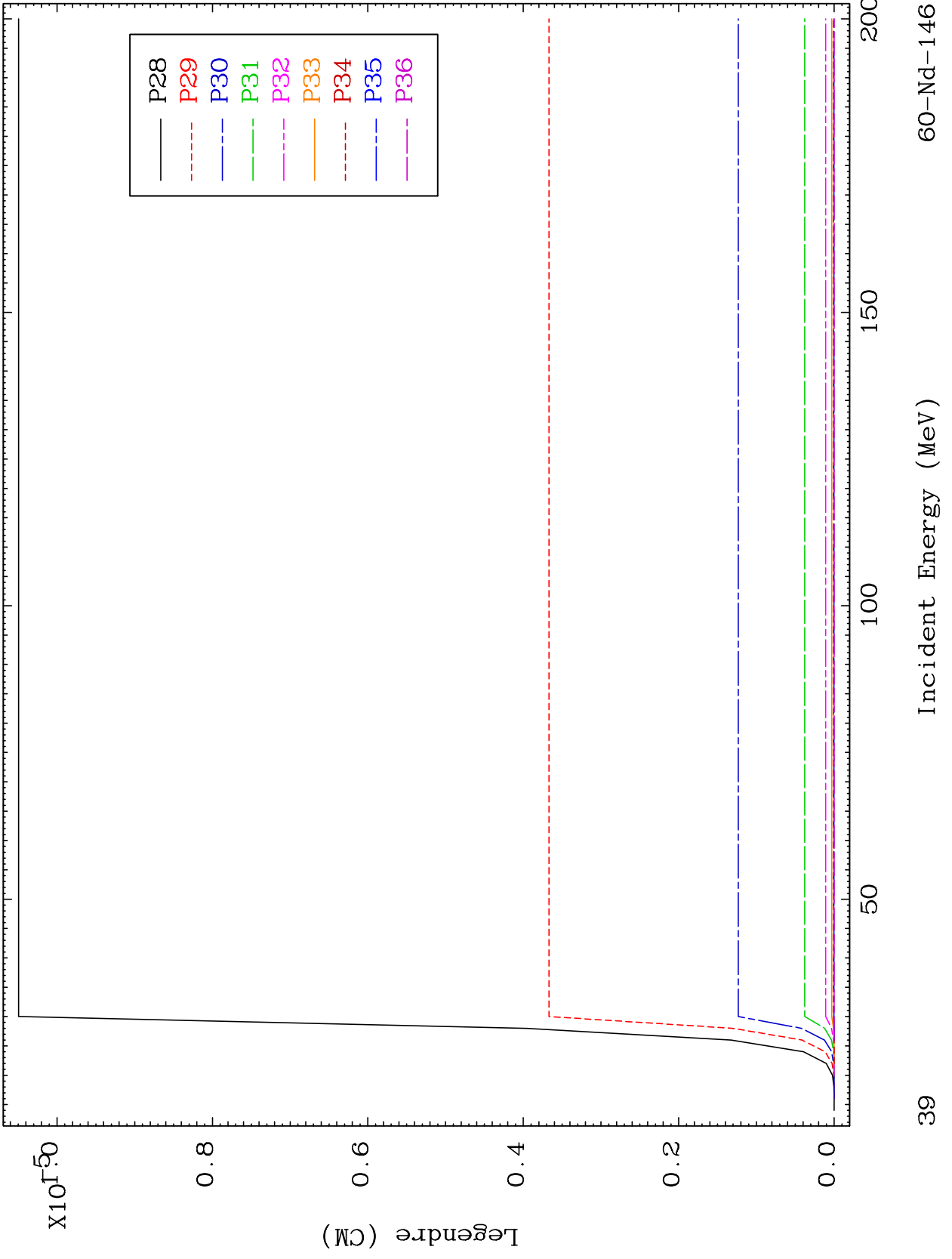
60-Nd-146



MAT 6037

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

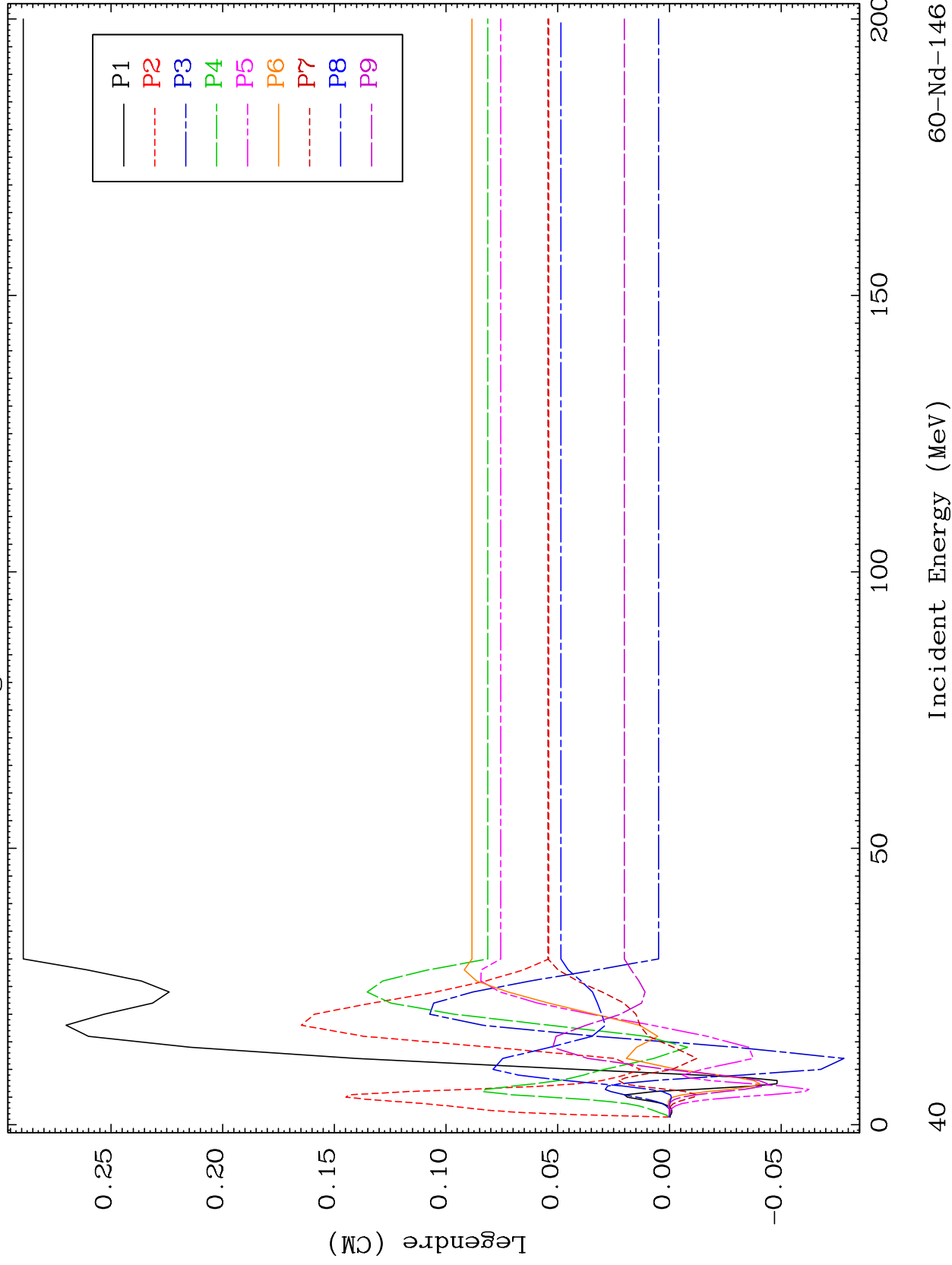
60-Nd-146



MAT 6037

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

60-Nd-146

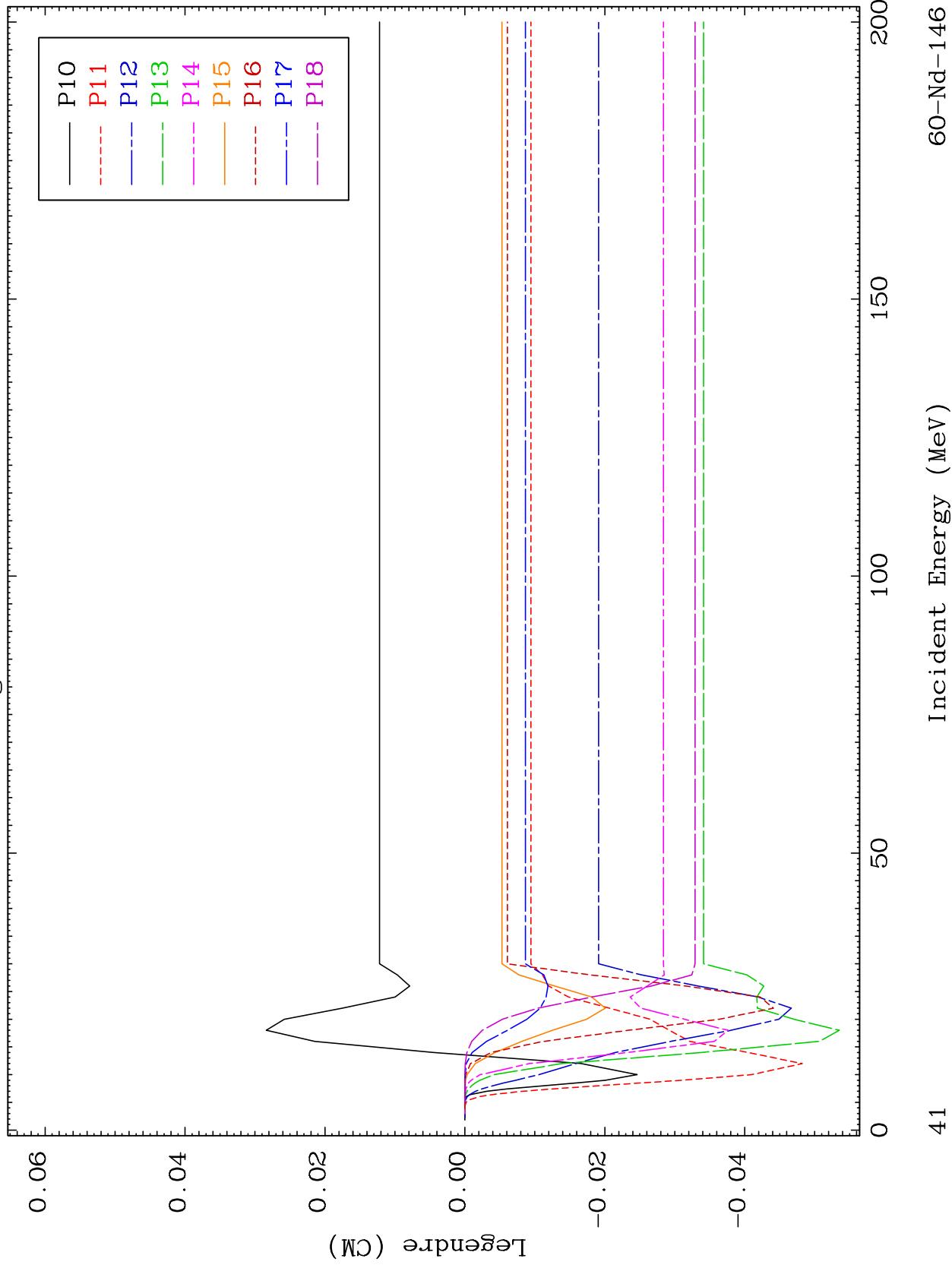


60-Nd-146

MAT 6037

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

60-Nd-146



41

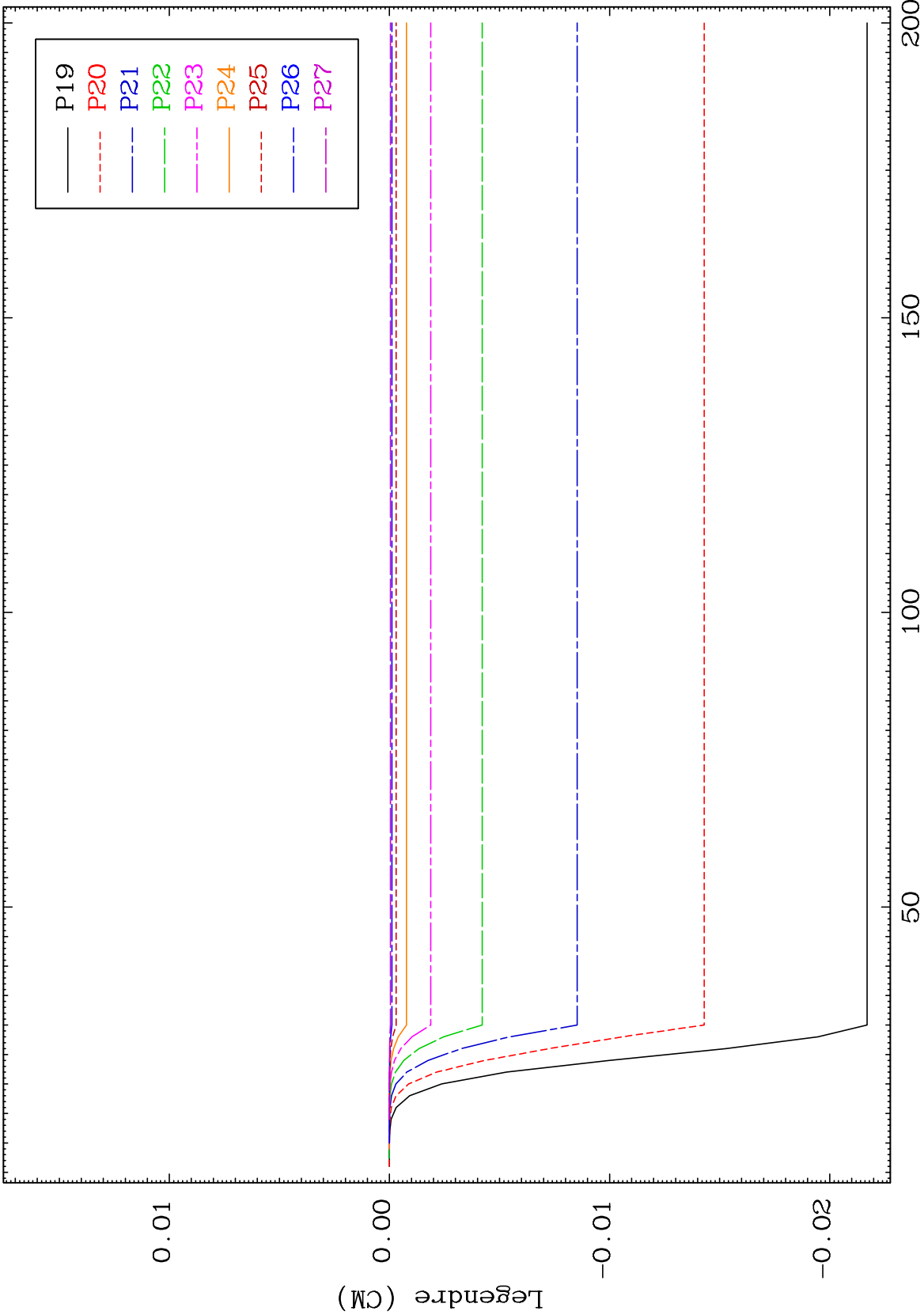
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

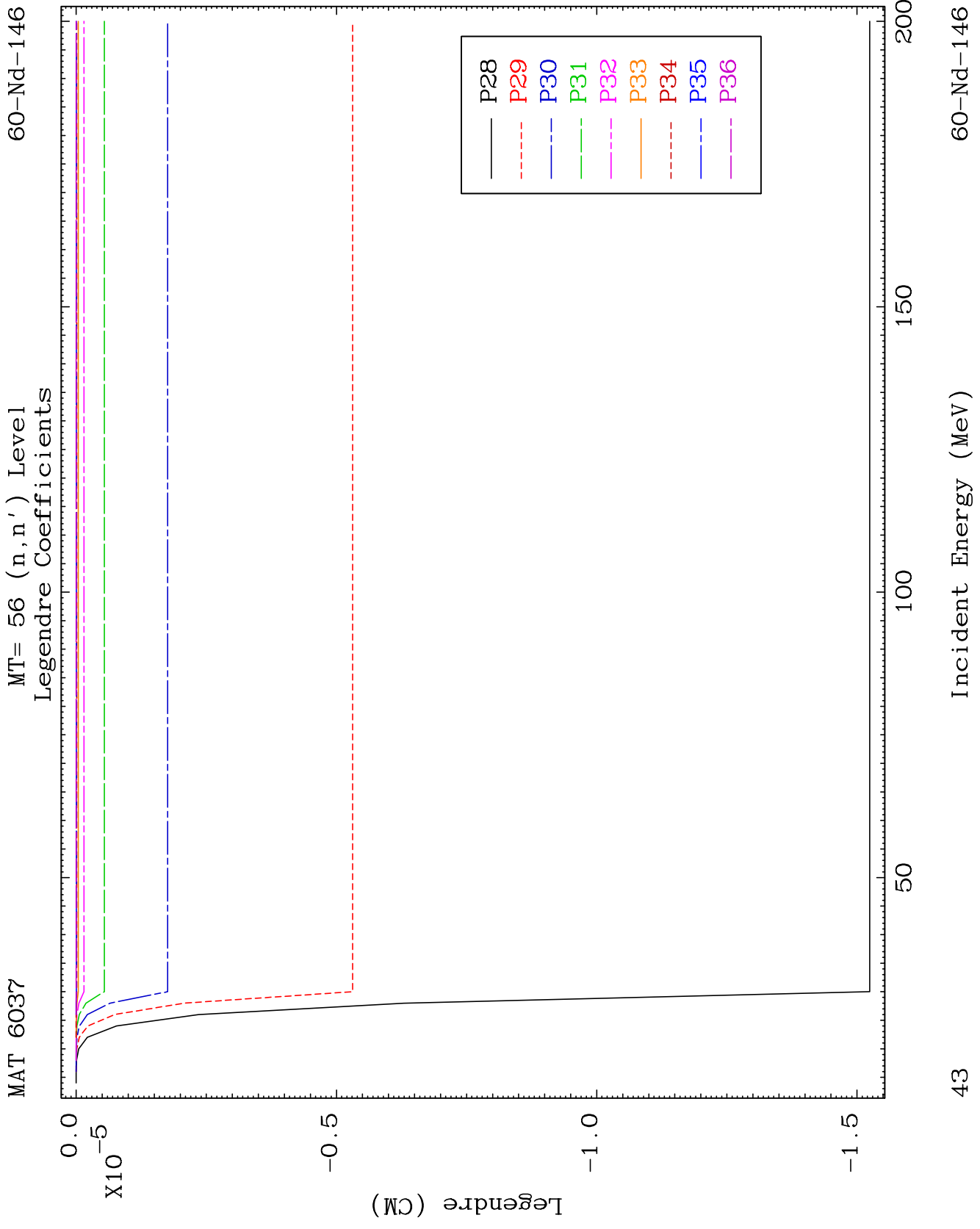
60-Nd-146



42

Incident Energy (MeV)

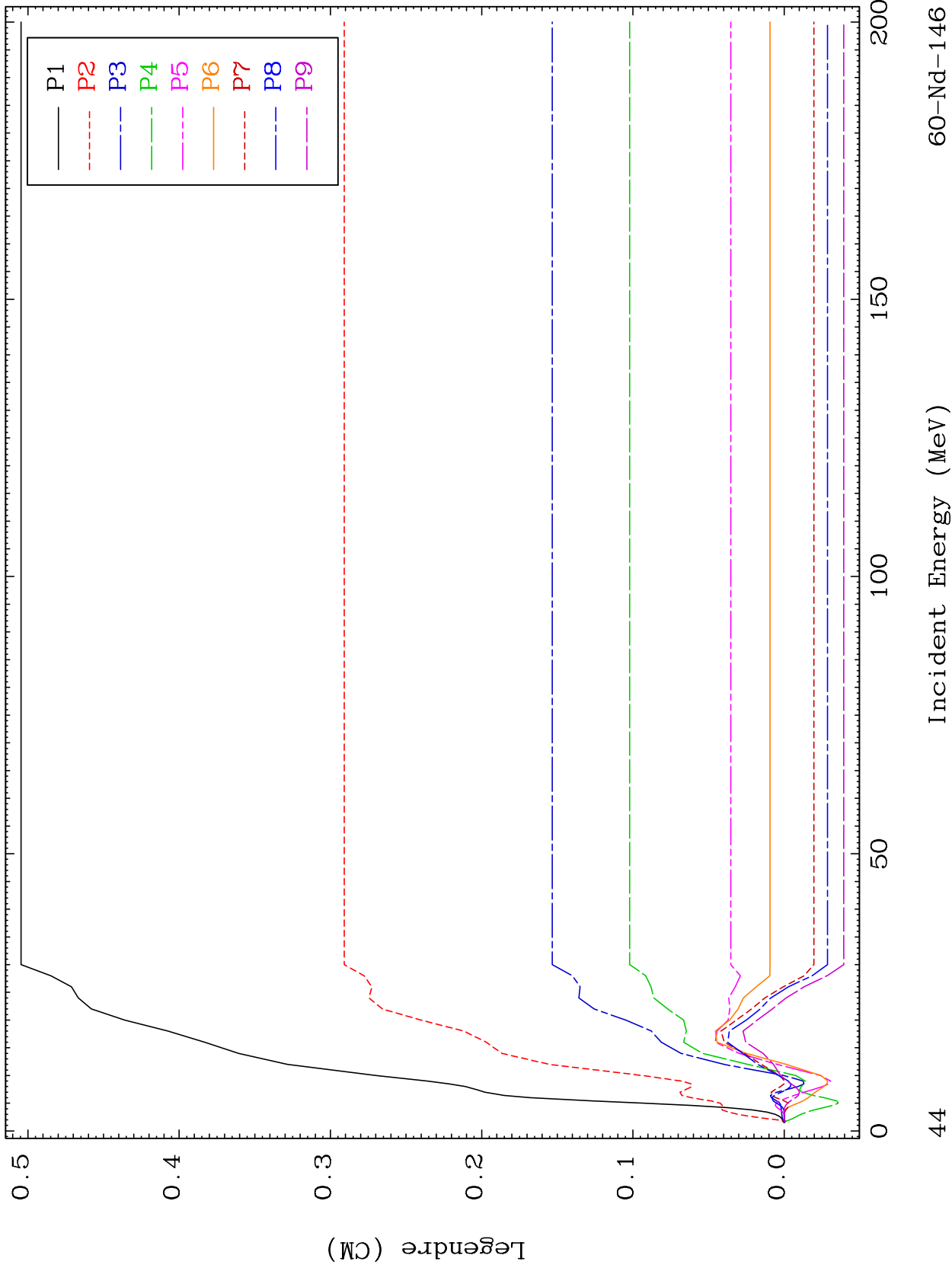
60-Nd-146



MAT 6037

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

60-Nd-146



60-Nd-146

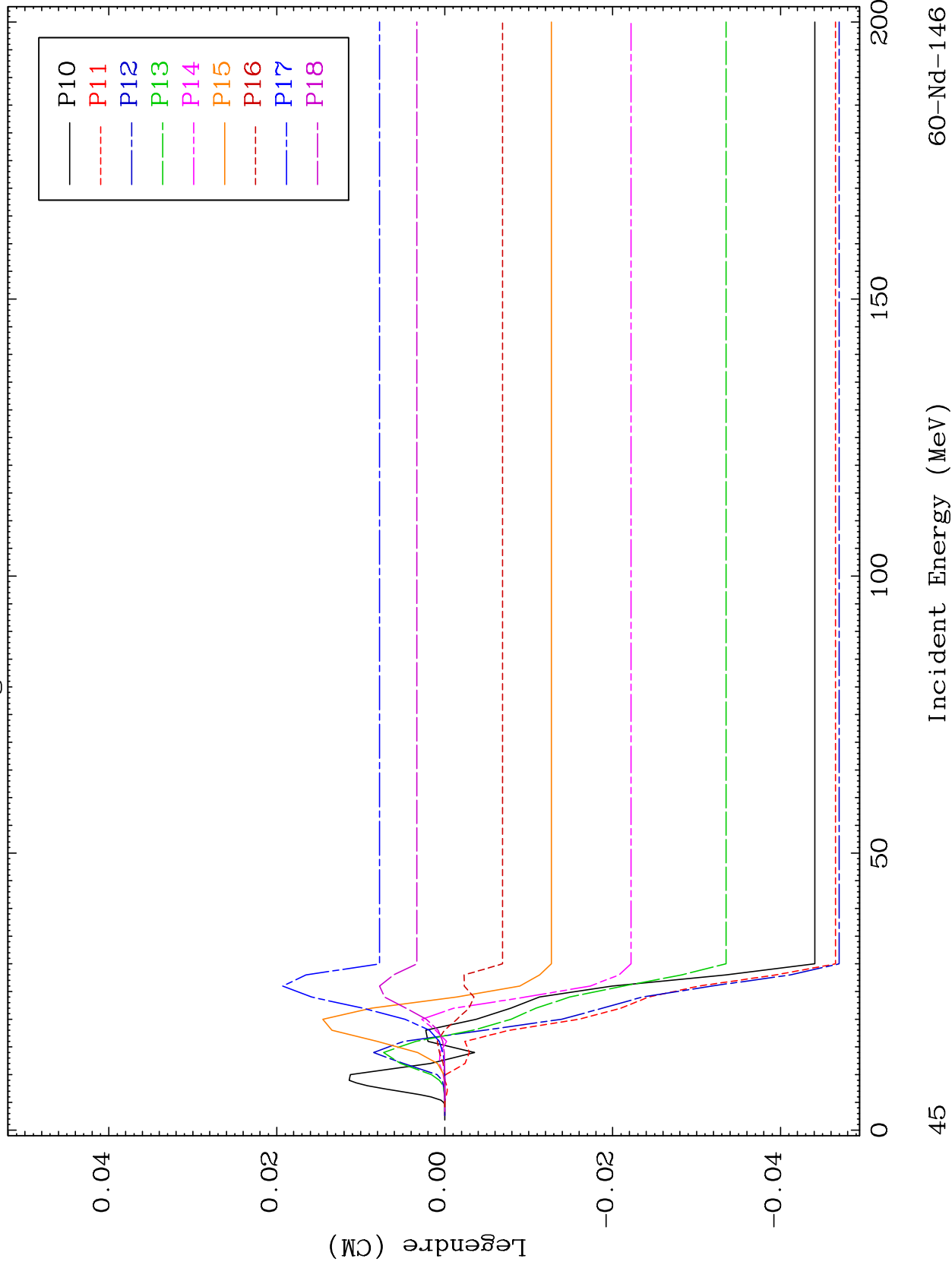
Incident Energy (MeV)

44

MAT 6037

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

60-Nd-146



60-Nd-146

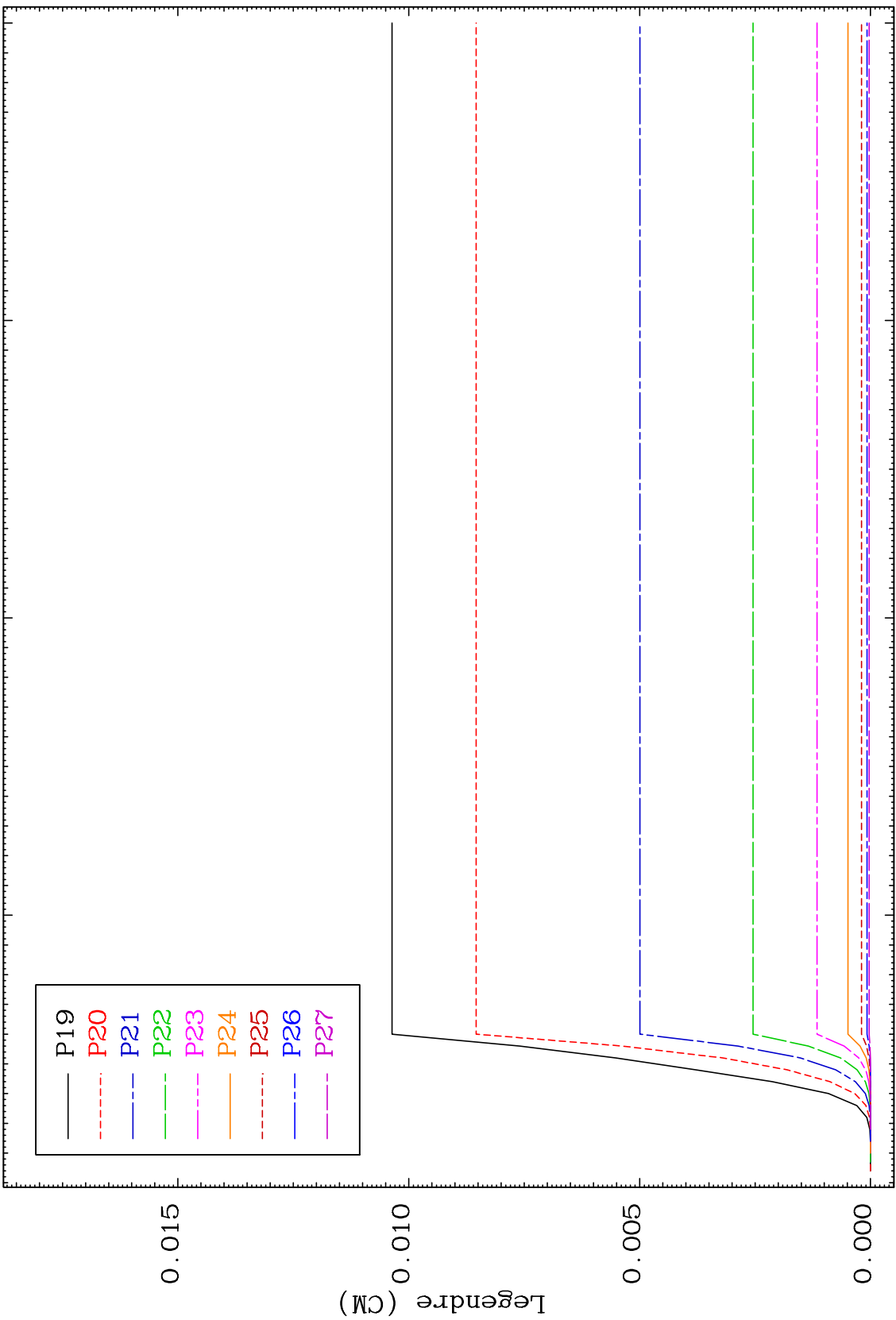
Incident Energy (MeV)

45

MAT 6037

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

60-Nd-146



46

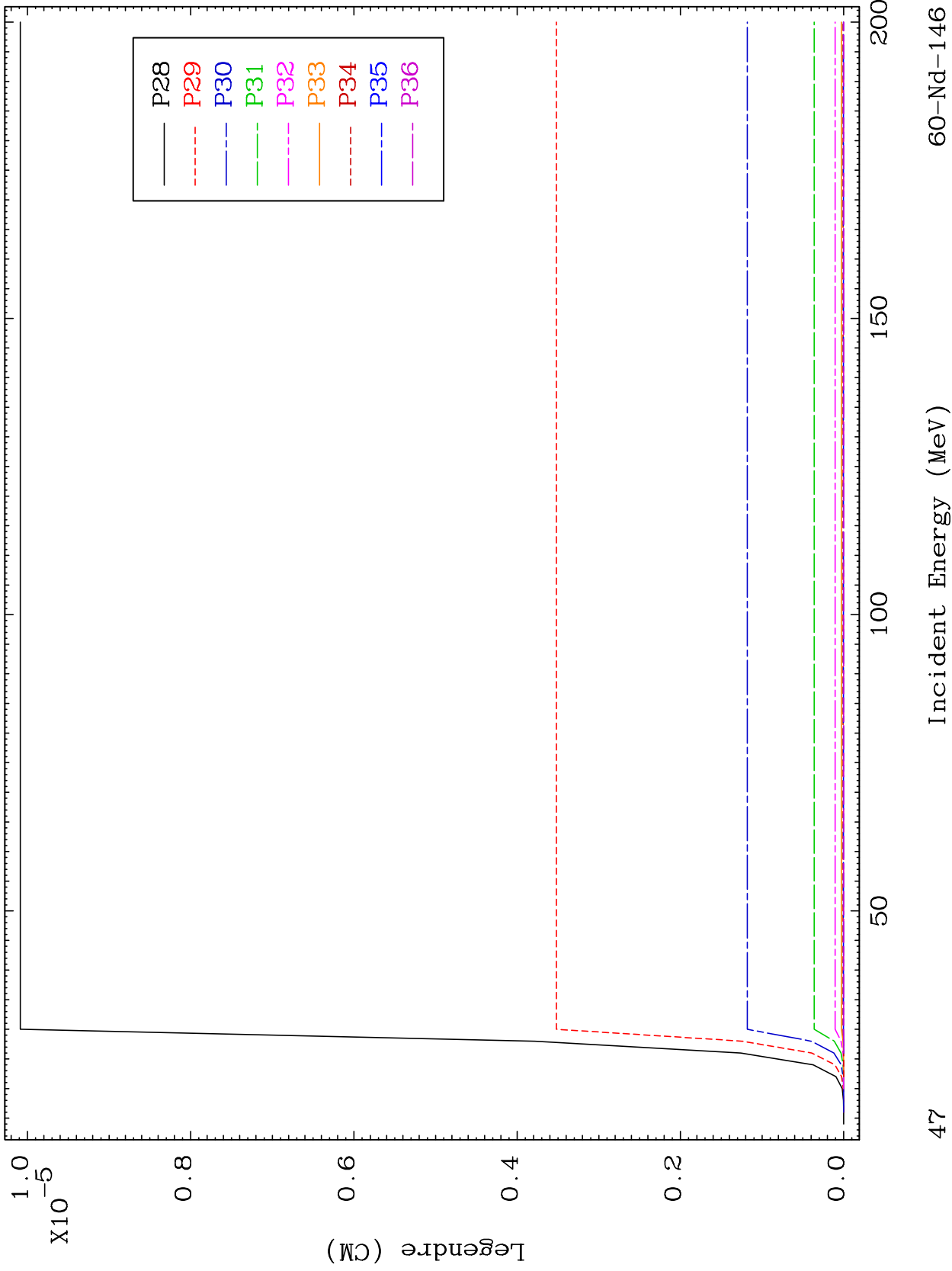
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

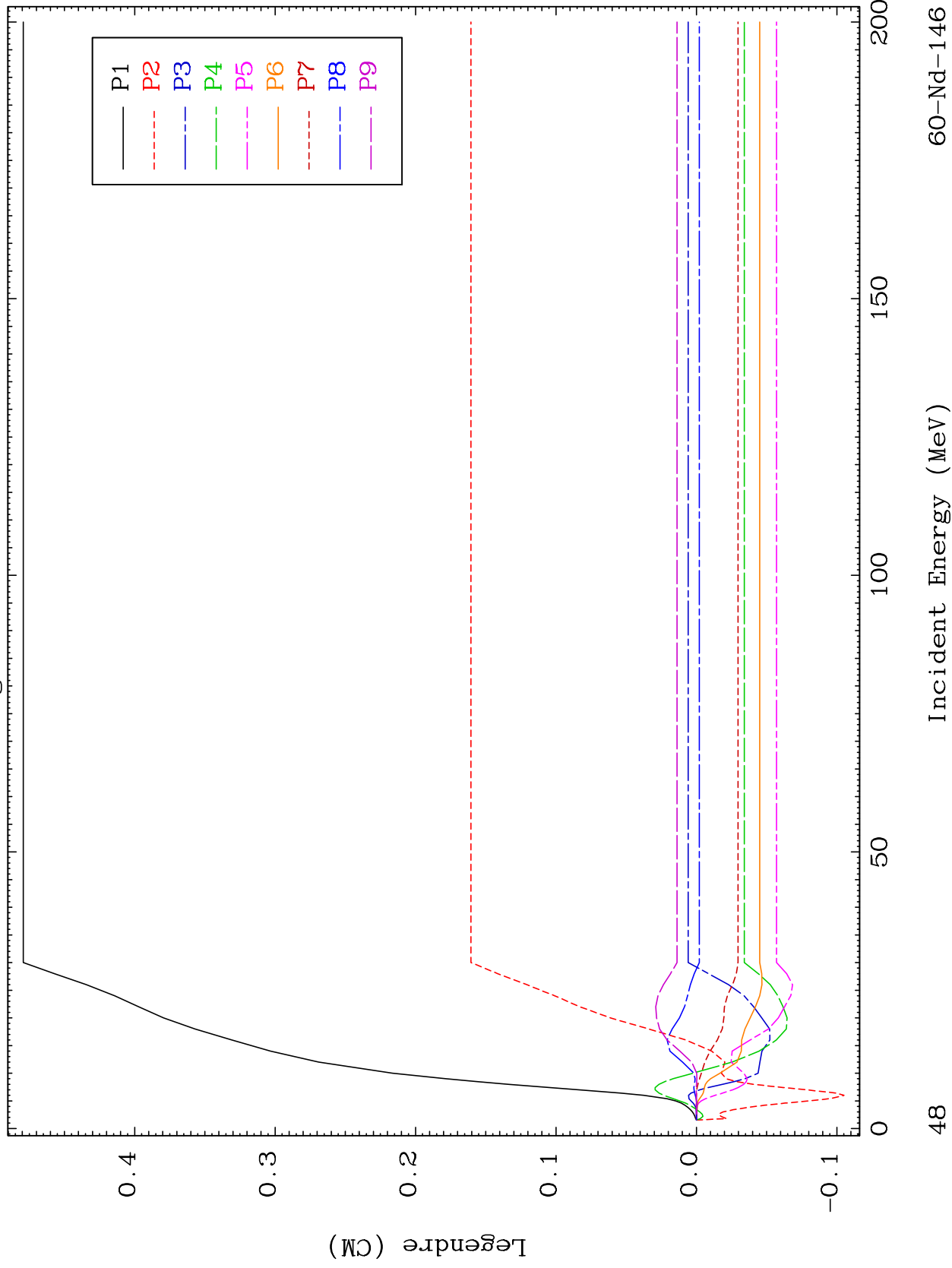
60-Nd-146



MAT 6037

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

60-Nd-146



60-Nd-146

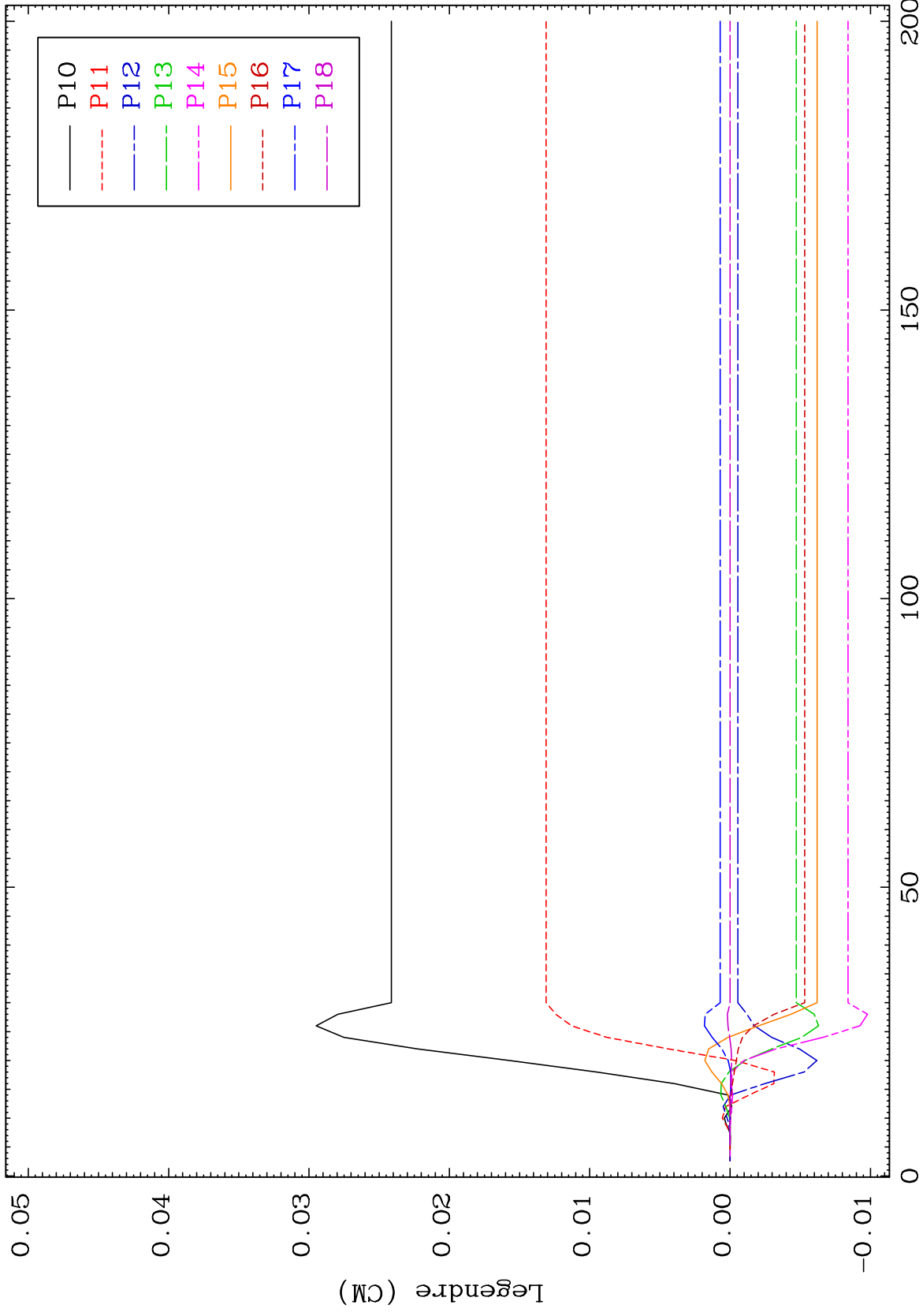
Incident Energy (MeV)

48

MAT 6037

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

60-Nd-146



49

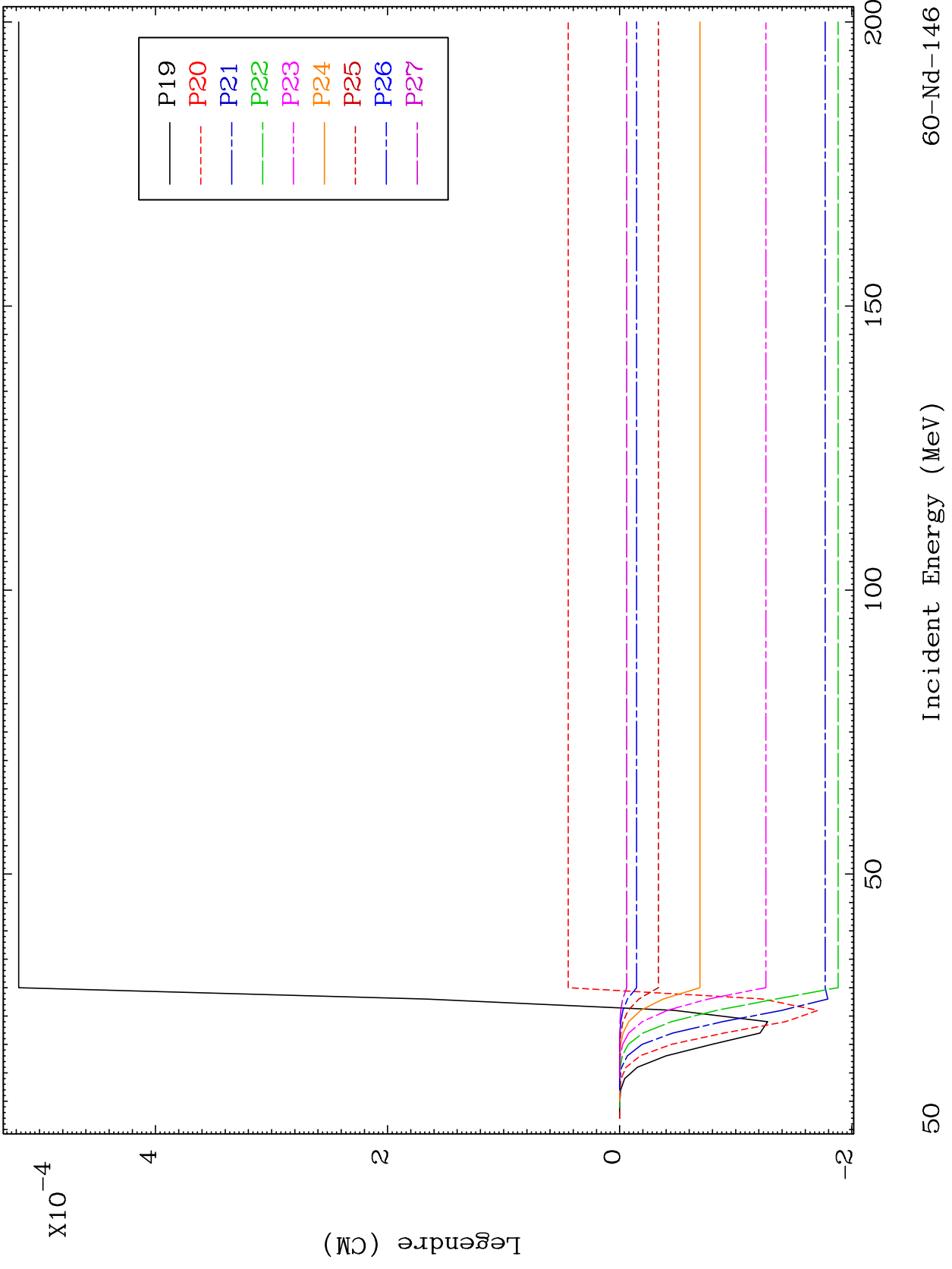
Incident Energy (MeV)

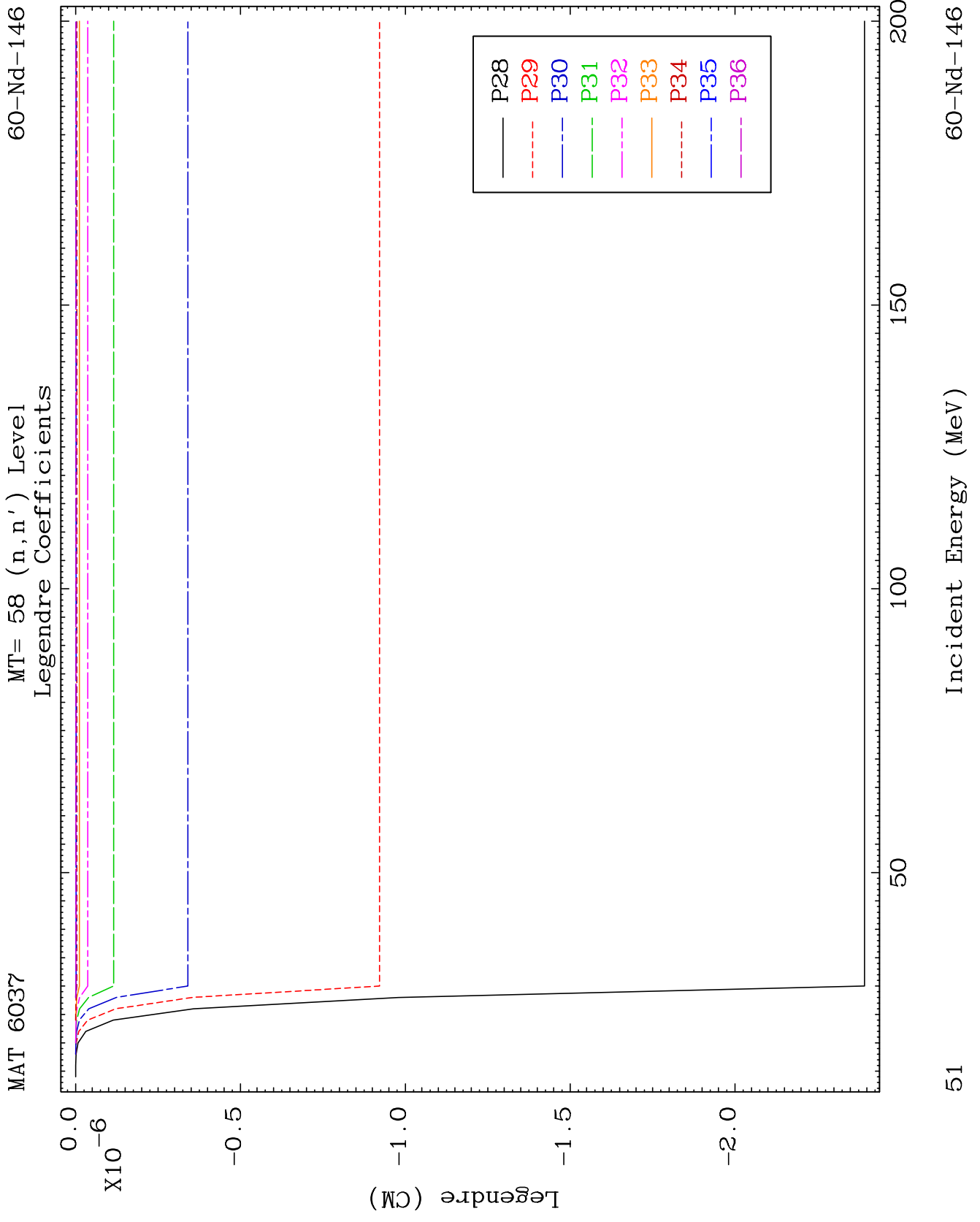
60-Nd-146

MAT 6037

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

60-Nd-146

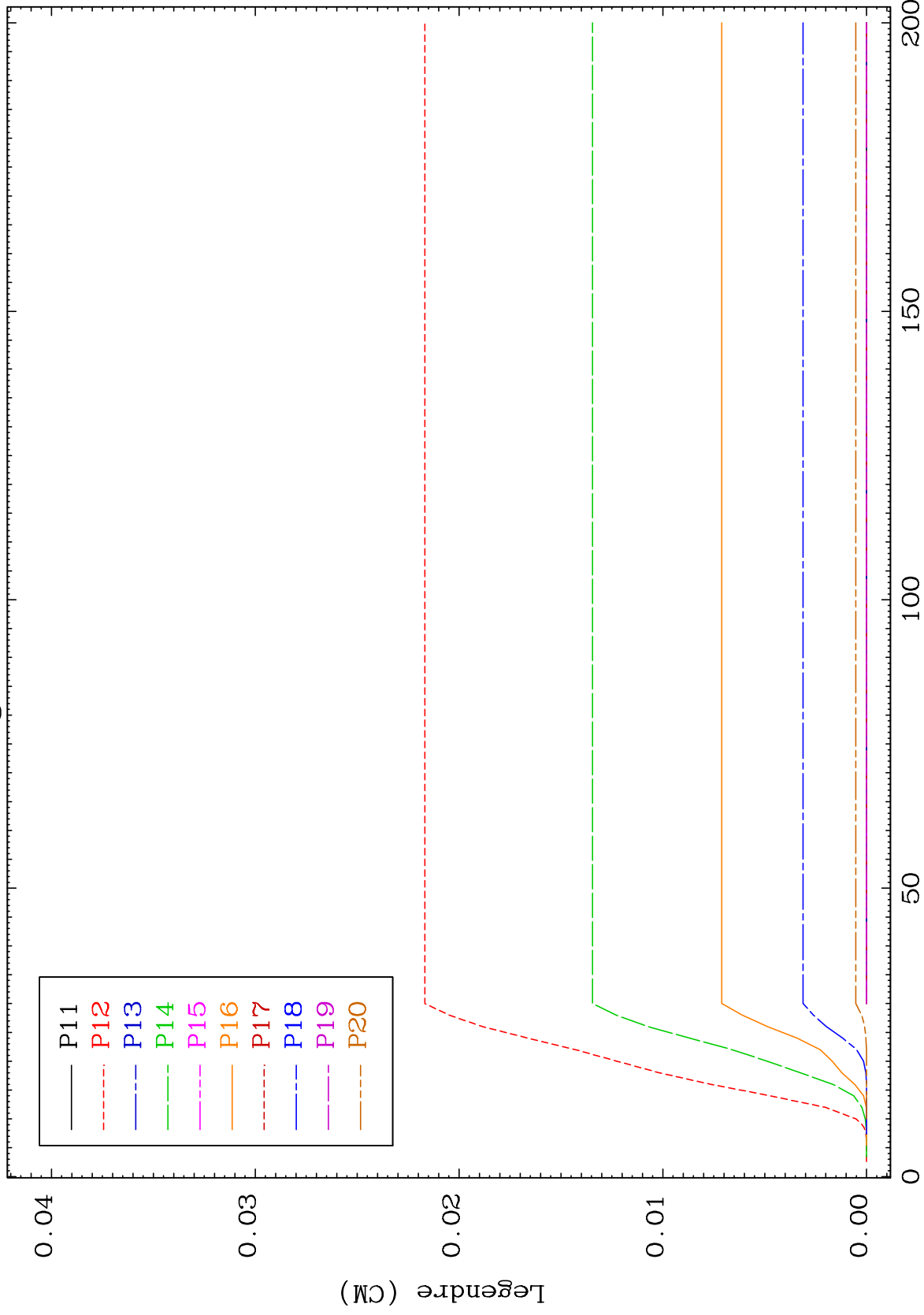




MAT 6037

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

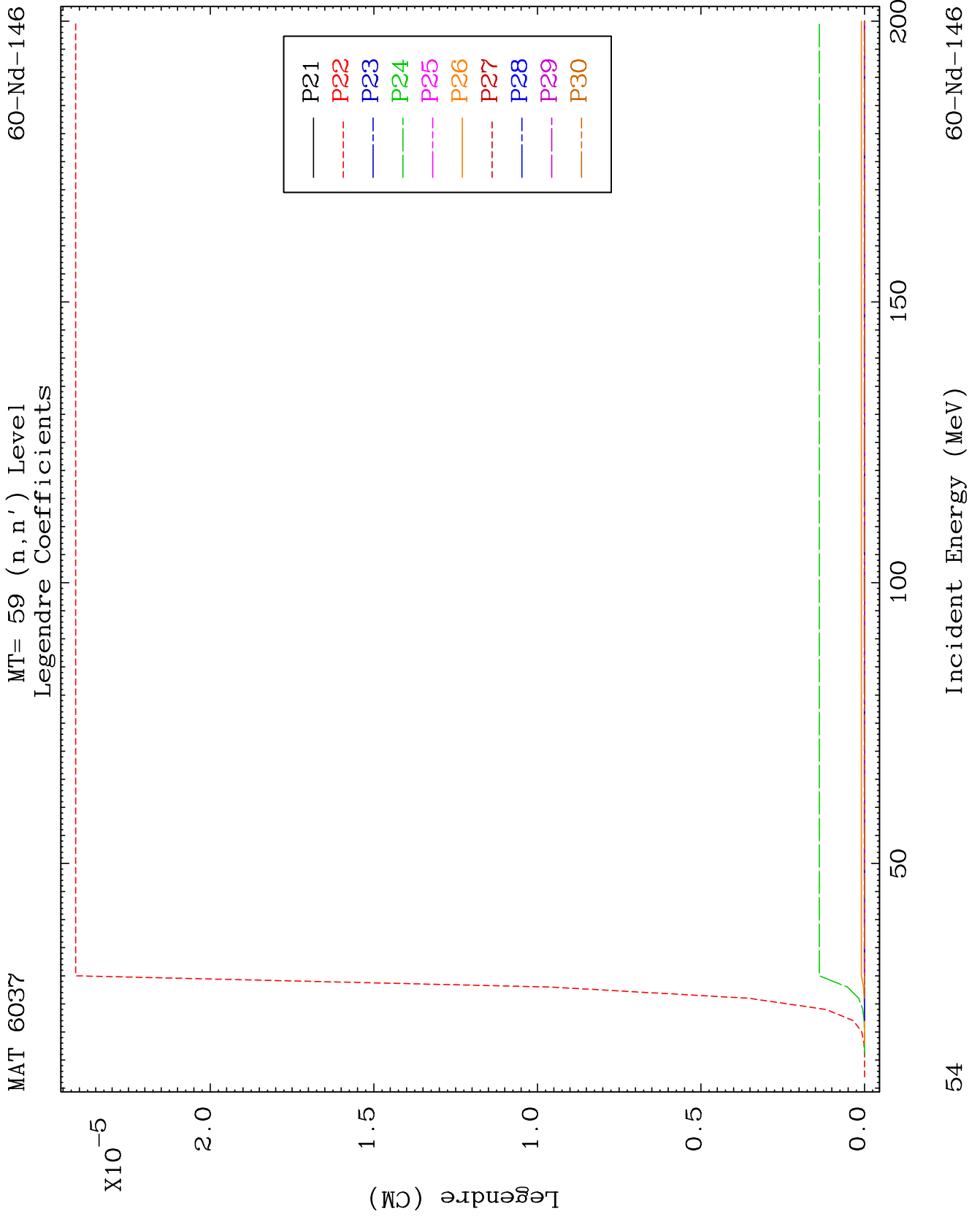
60-Nd-146

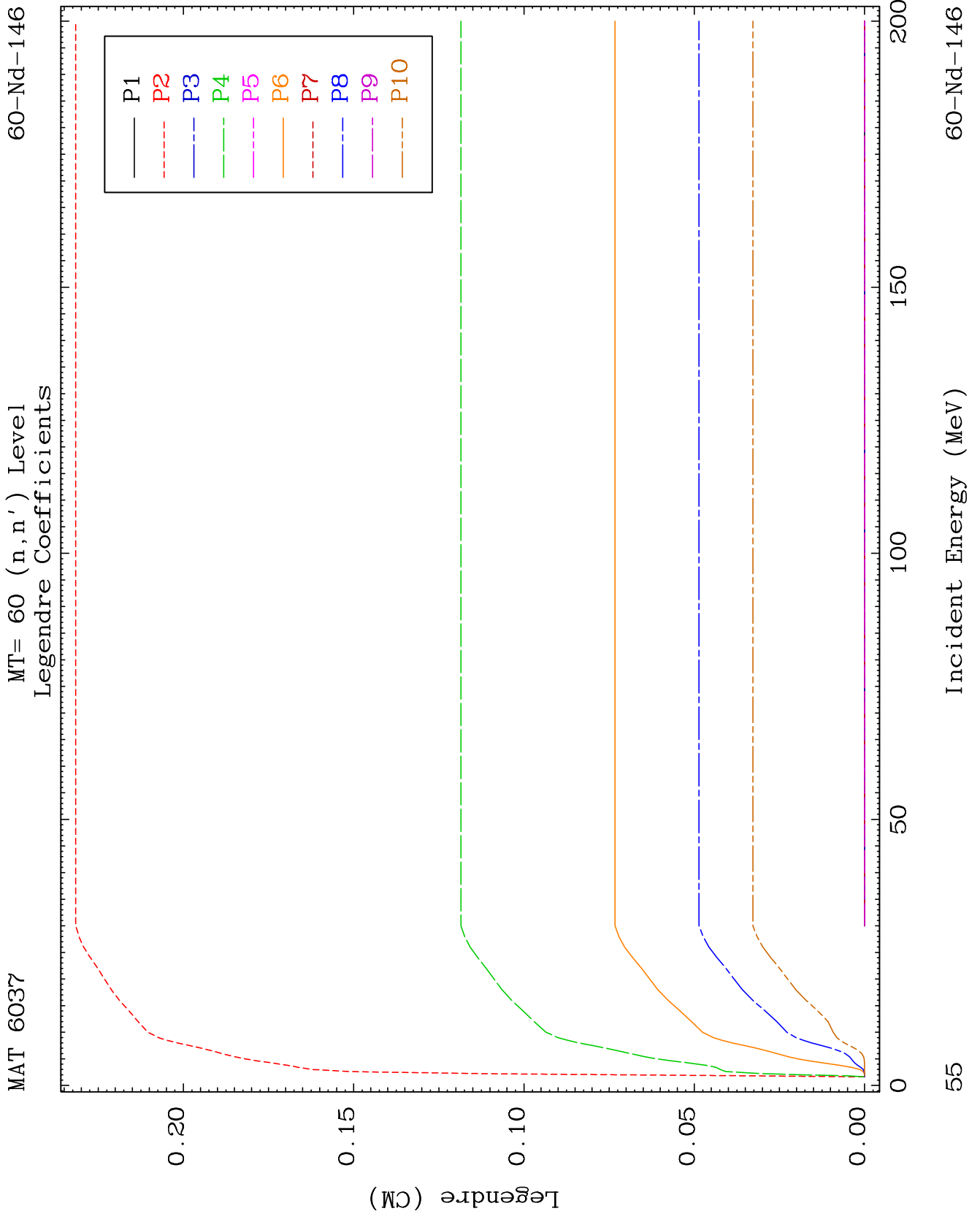


60-Nd-146

Incident Energy (MeV)

53

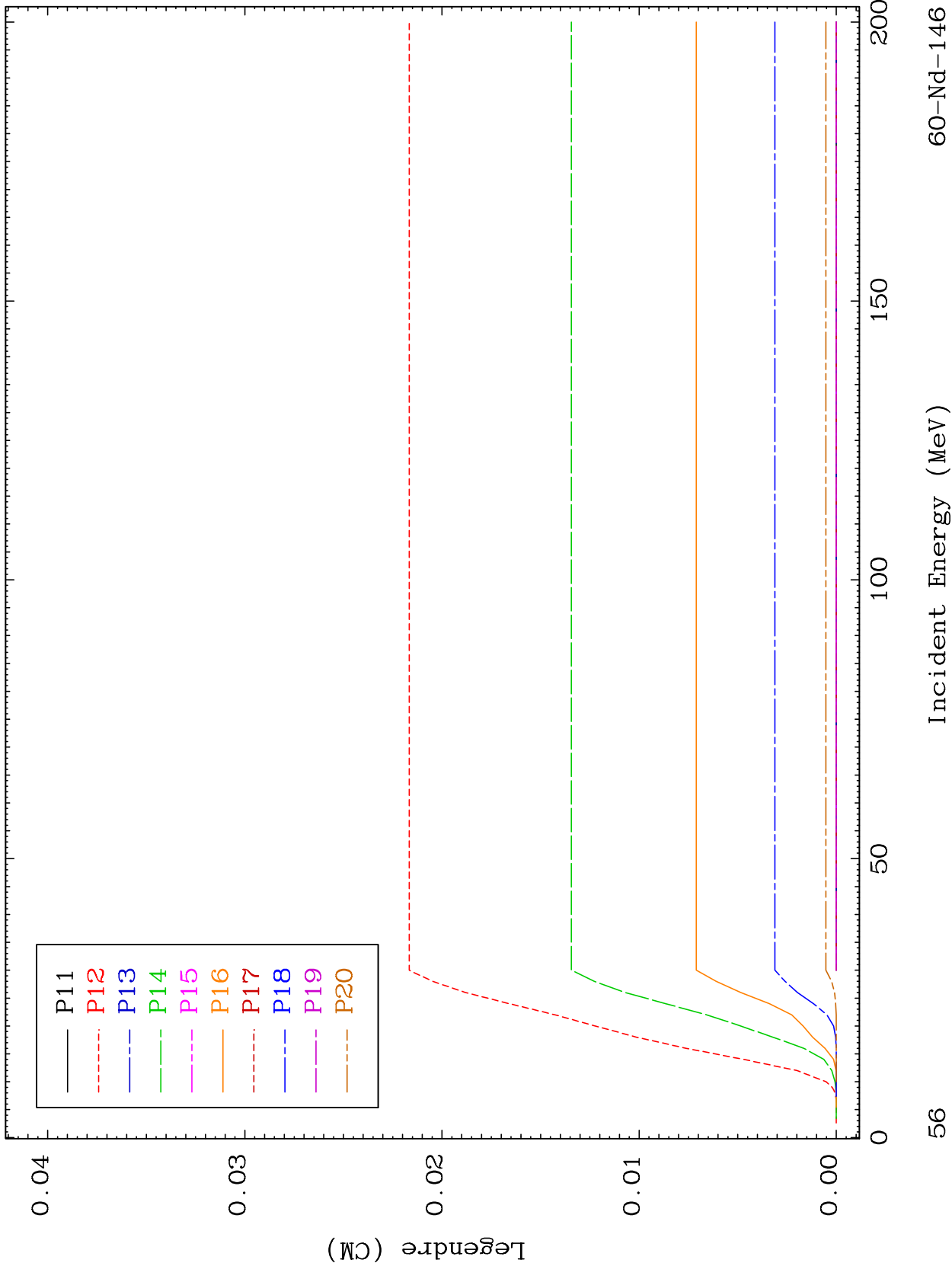




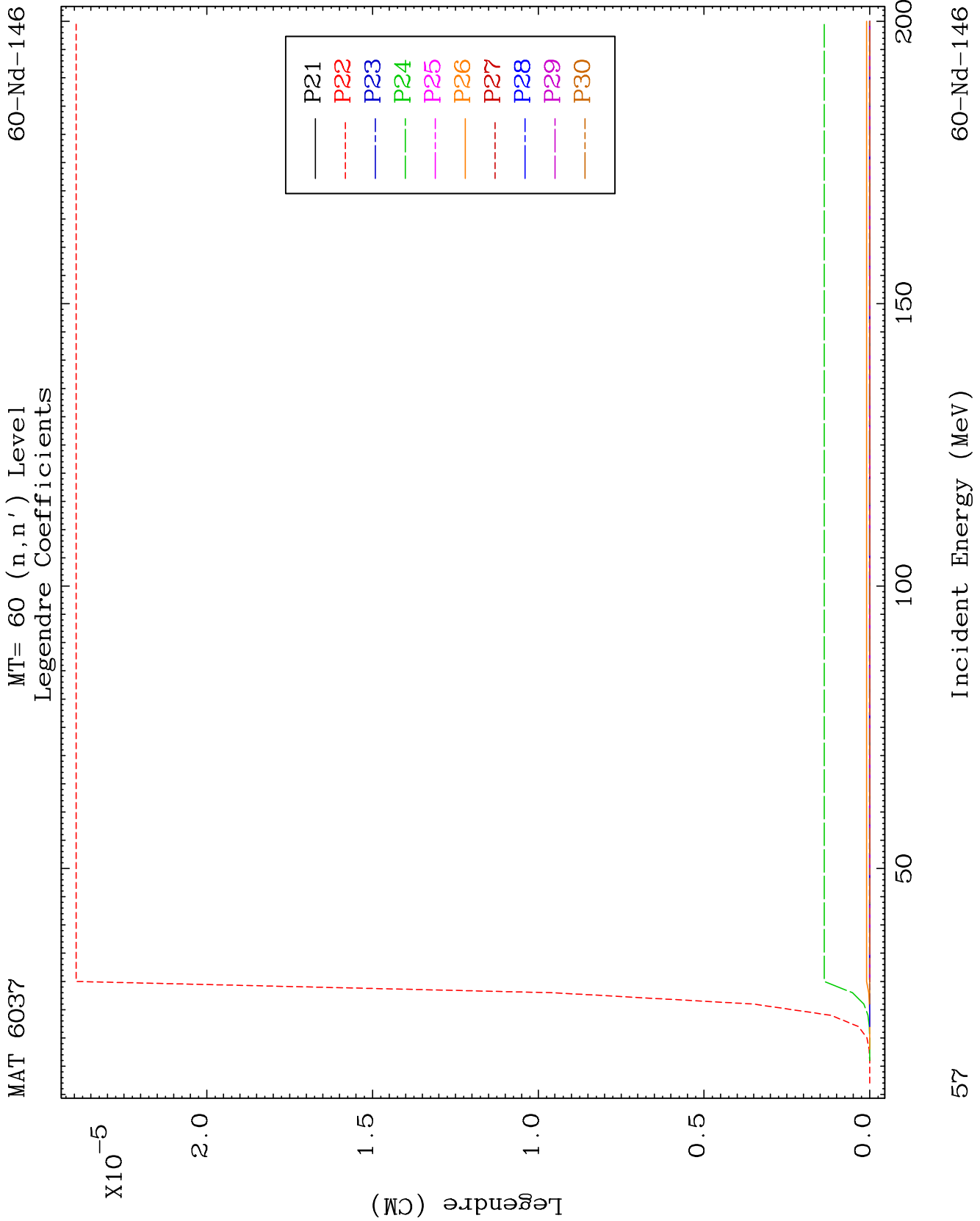
MAT 6037

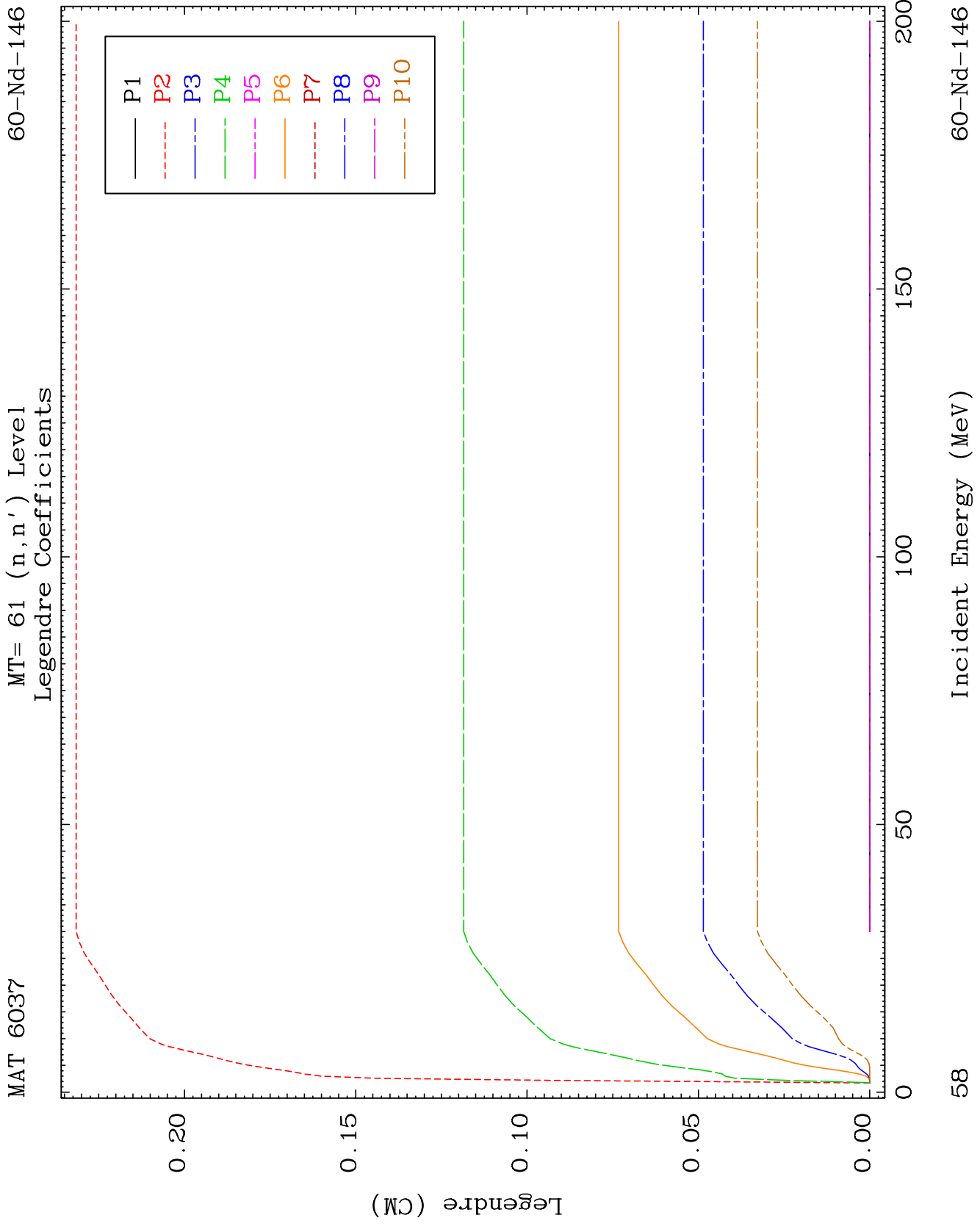
MT= 60 (n,n') Level
Legendre Coefficients

60-Nd-146



56

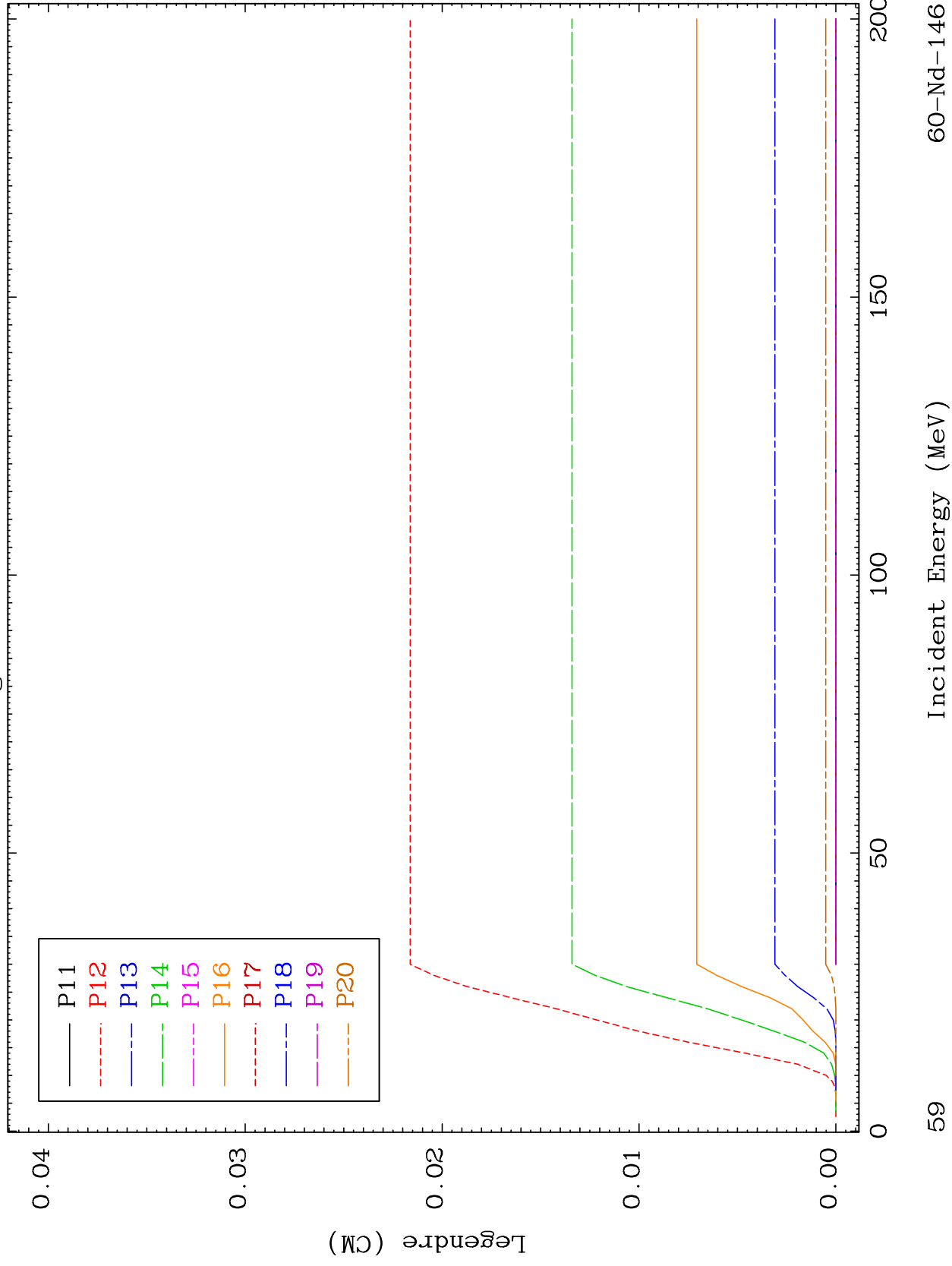


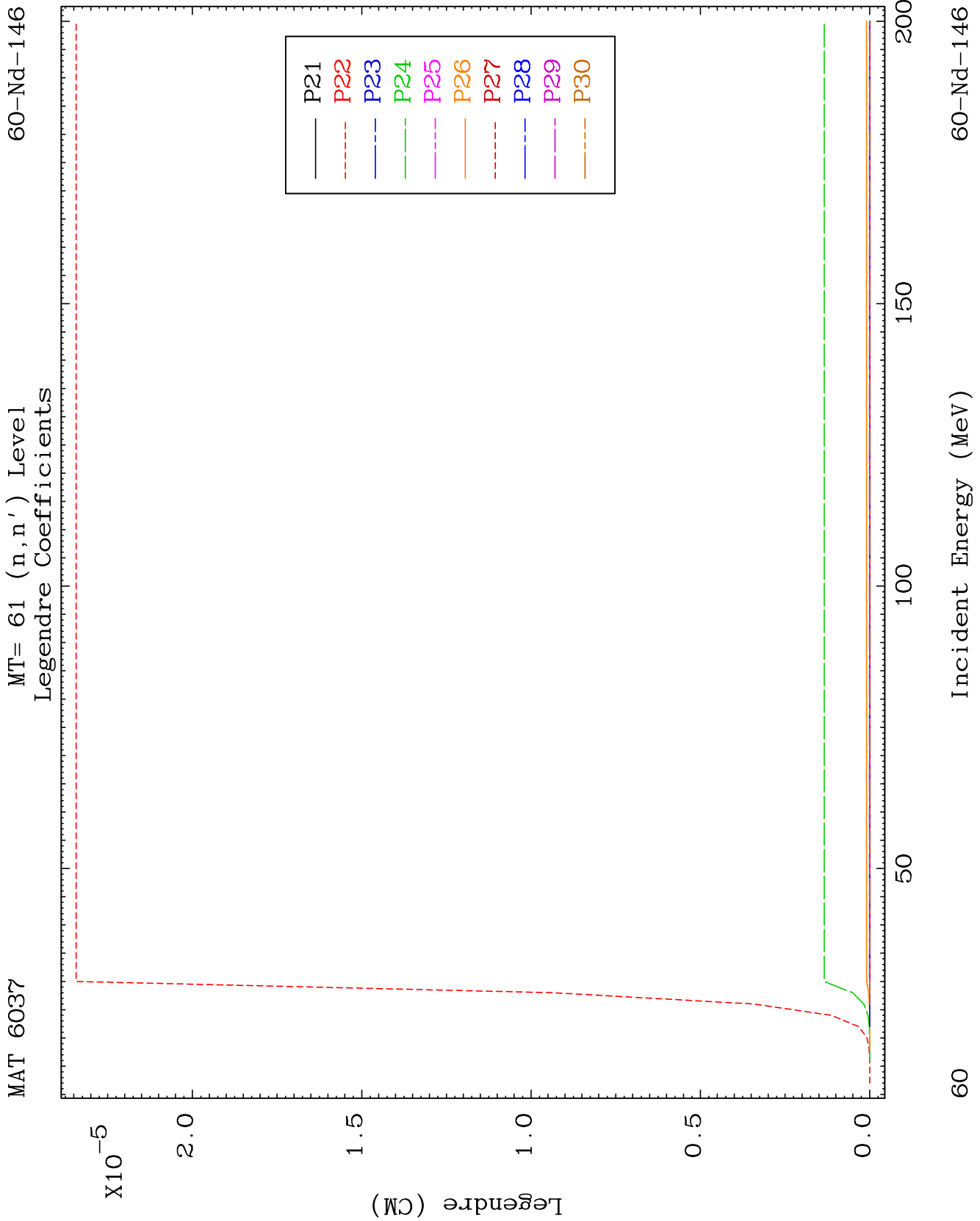


MAT 6037

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

60-Nd-146

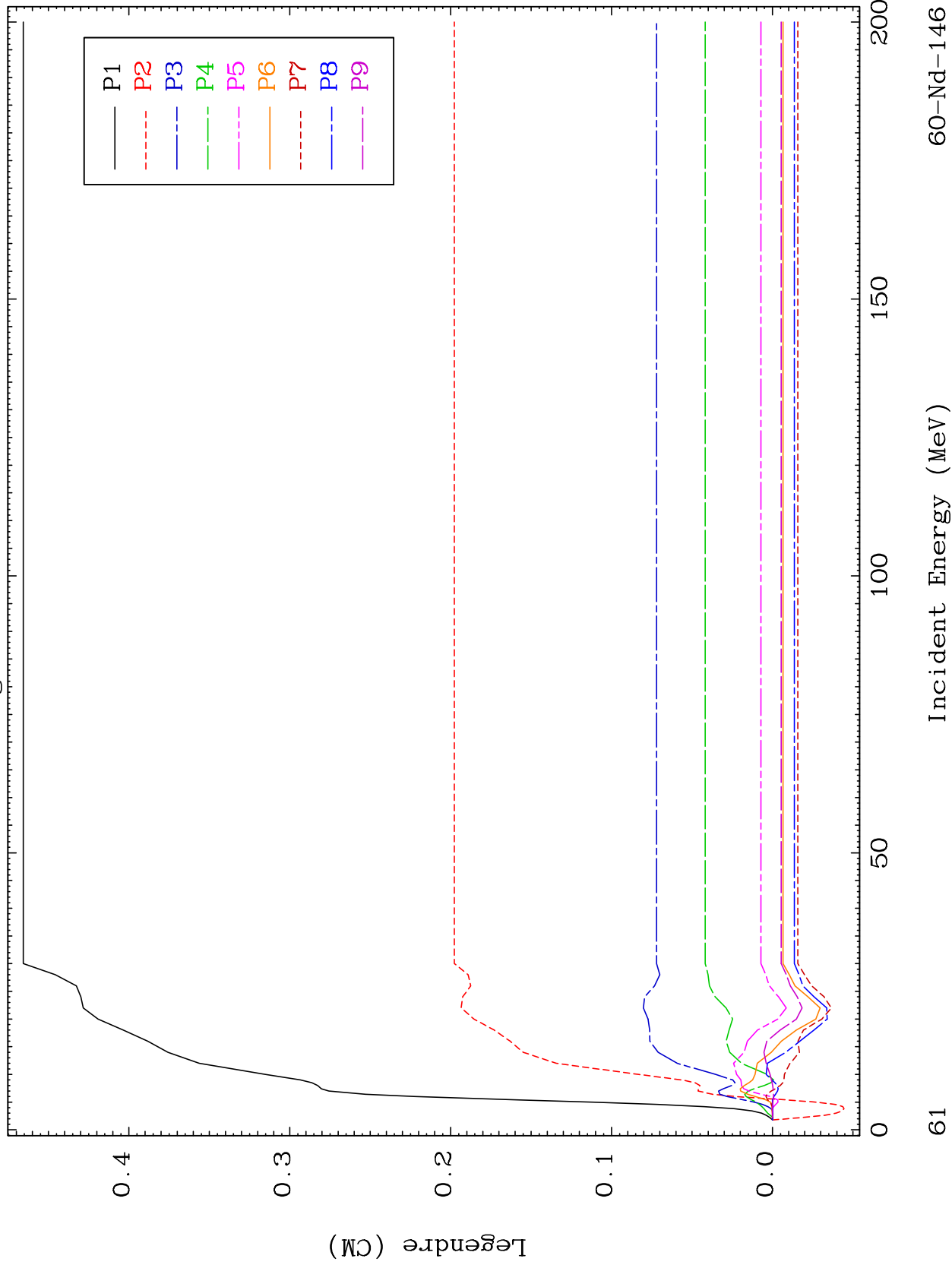




MAT 6037

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

60-Nd-146



60-Nd-146

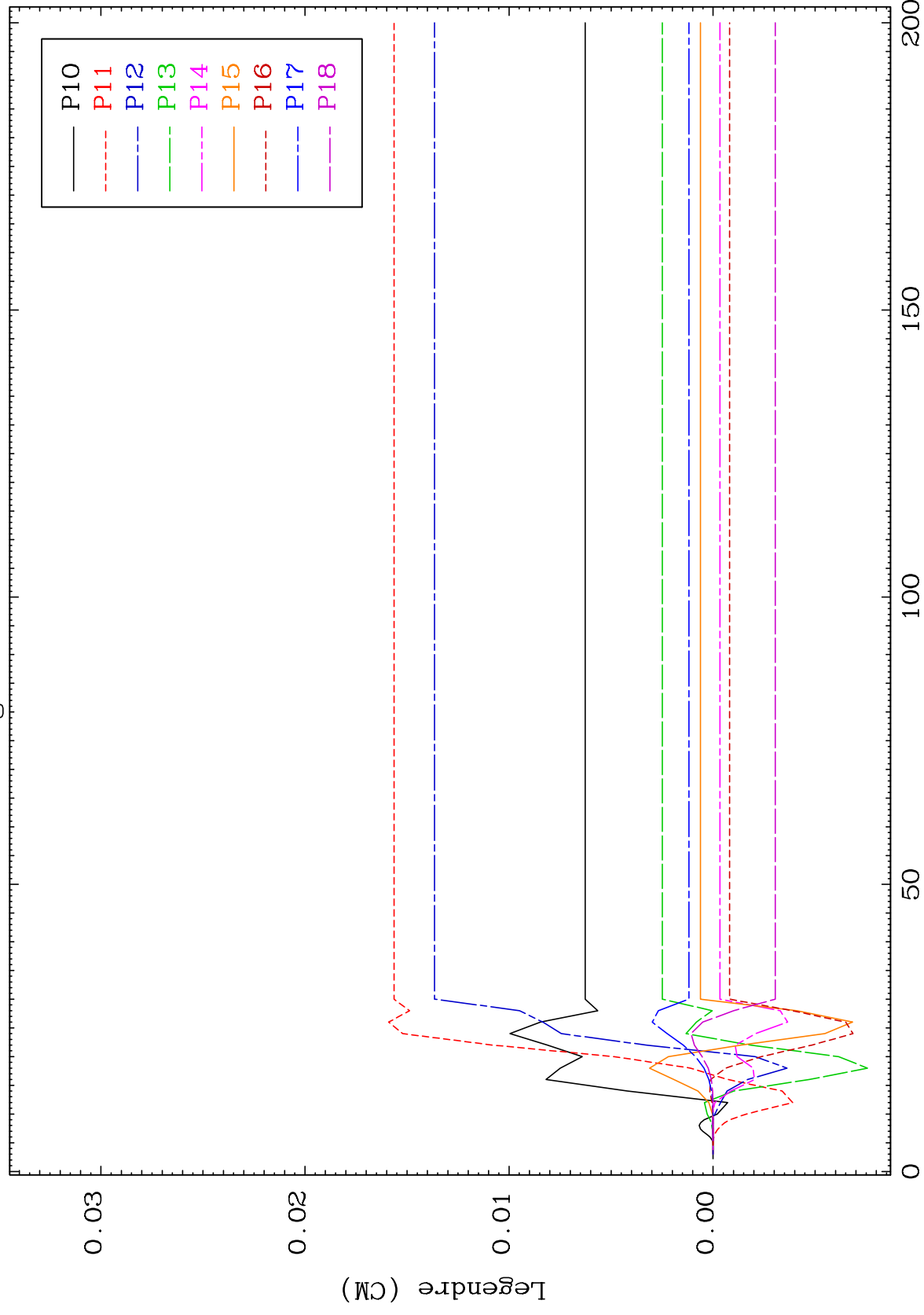
Incident Energy (MeV)

61

MAT 6037

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

60-Nd-146



60-Nd-146

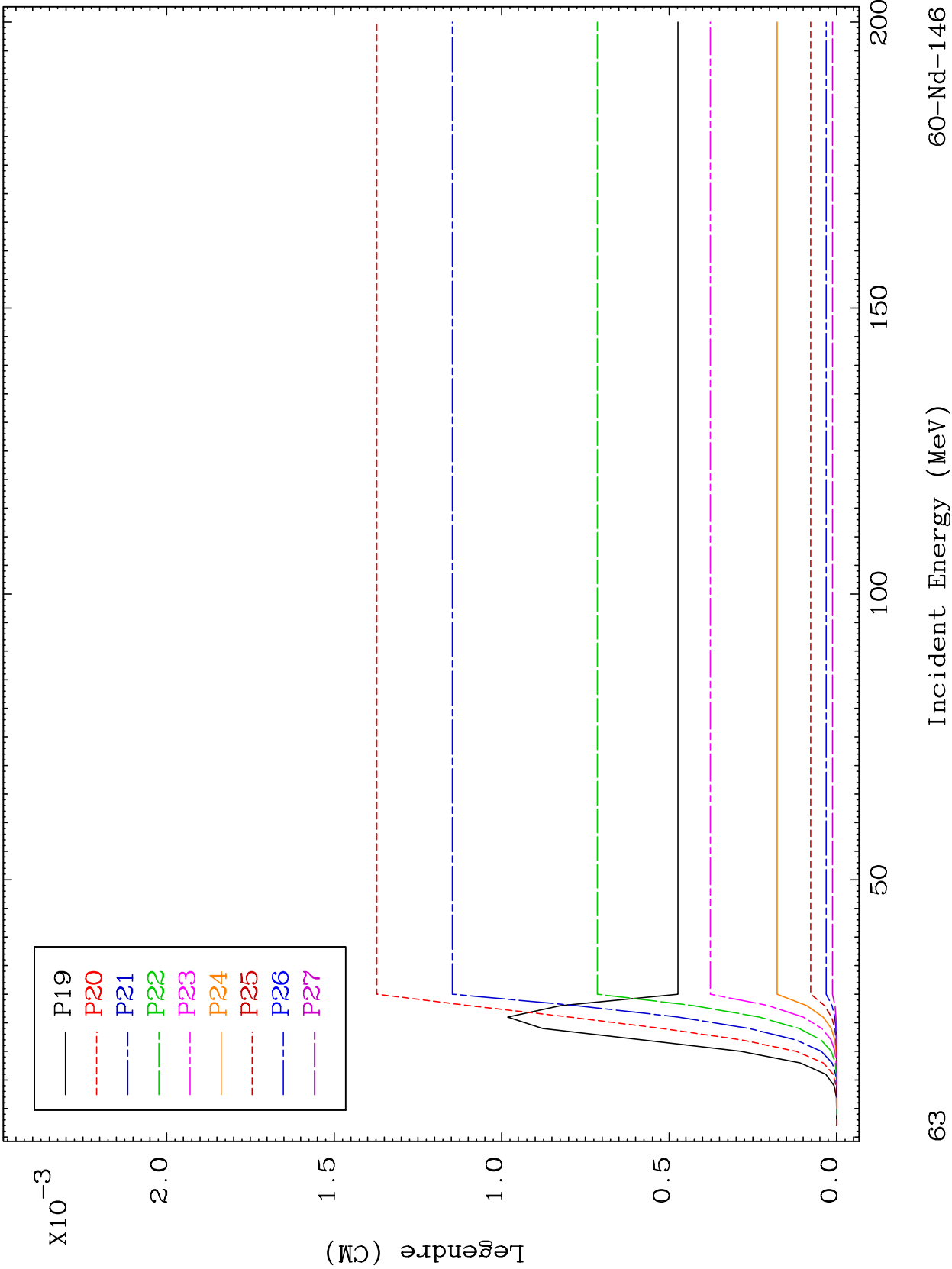
Incident Energy (MeV)

62

MAT 6037

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

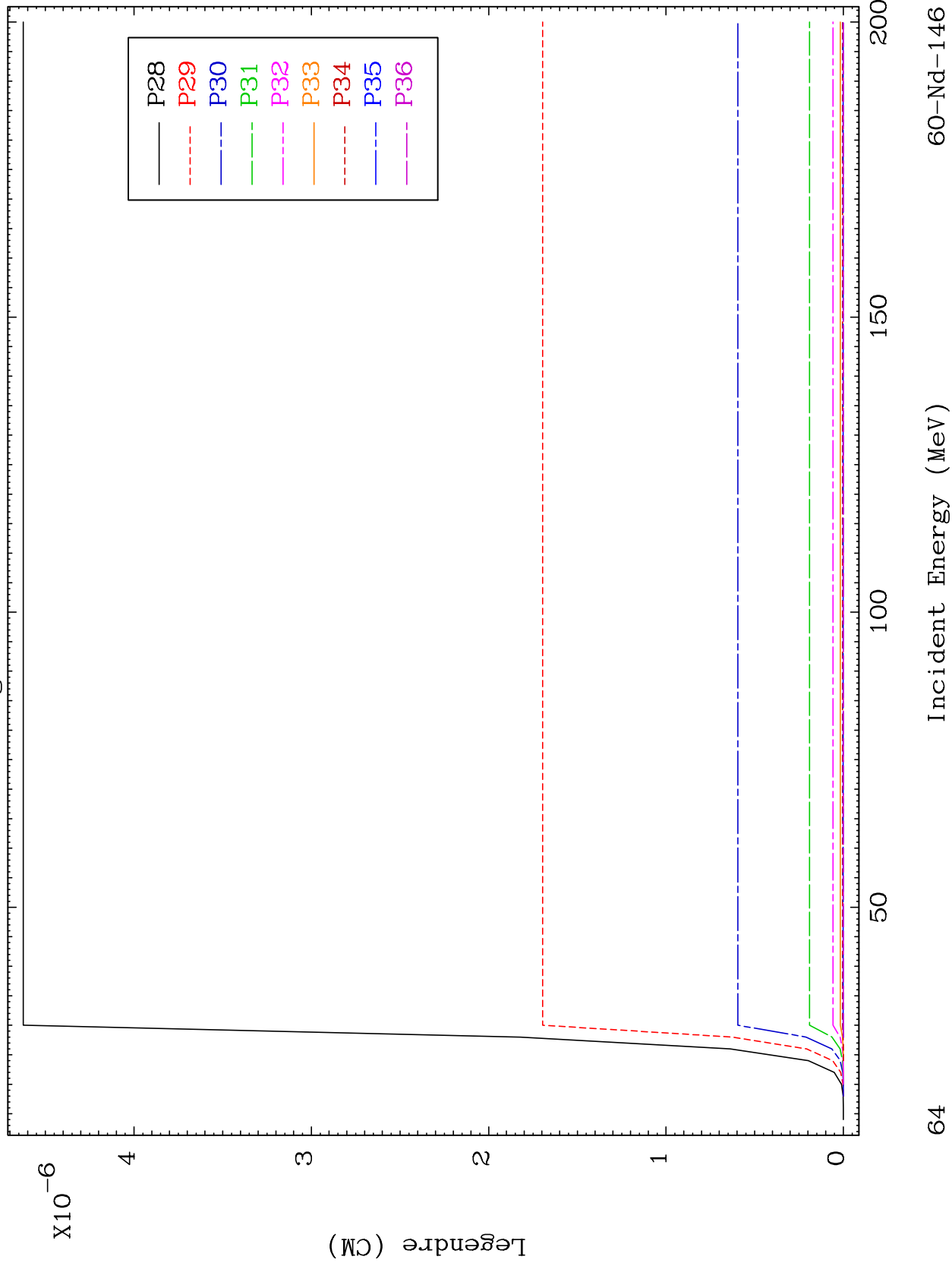
60-Nd-146



MAT 6037

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

60-Nd-146



64

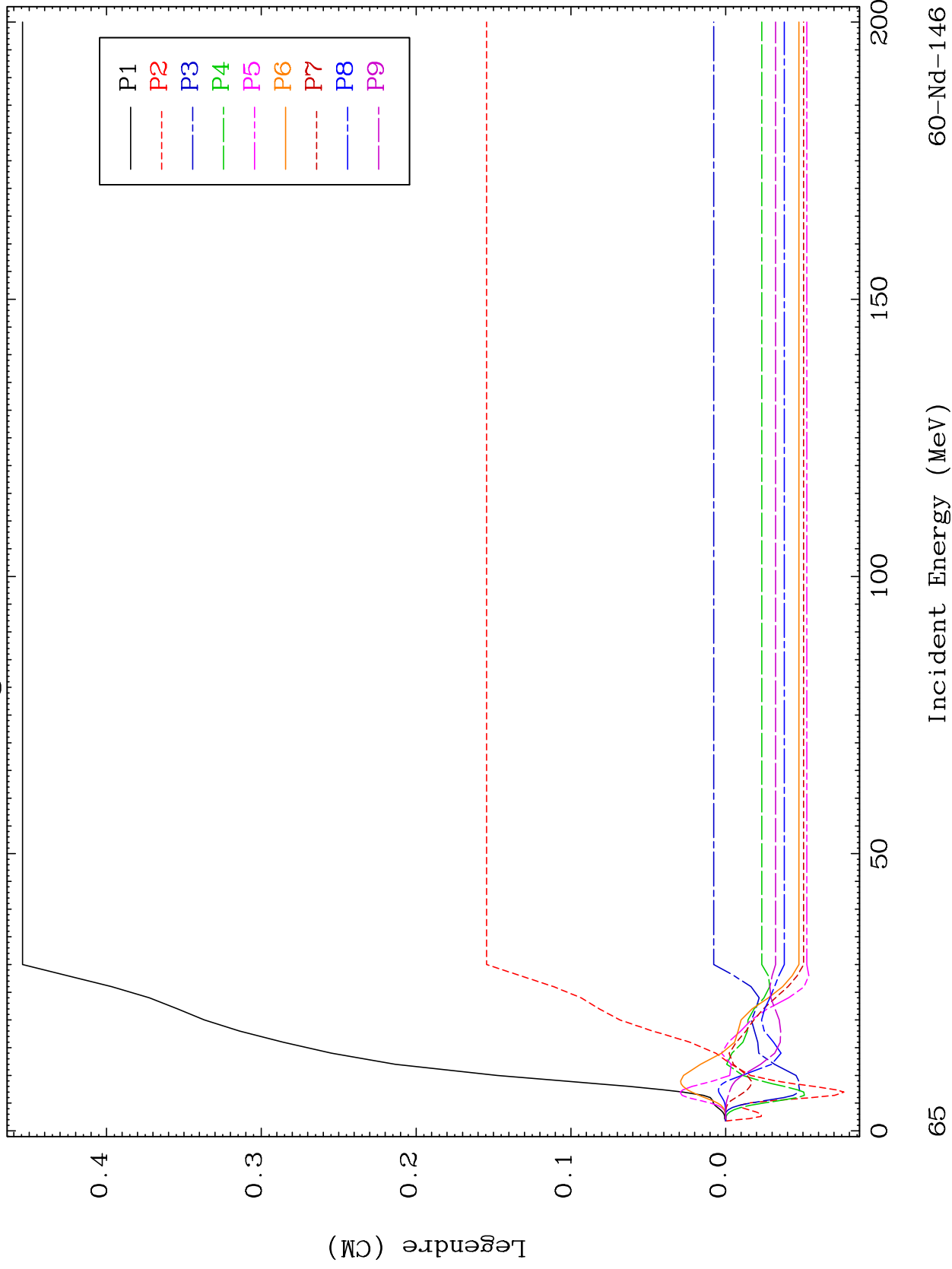
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

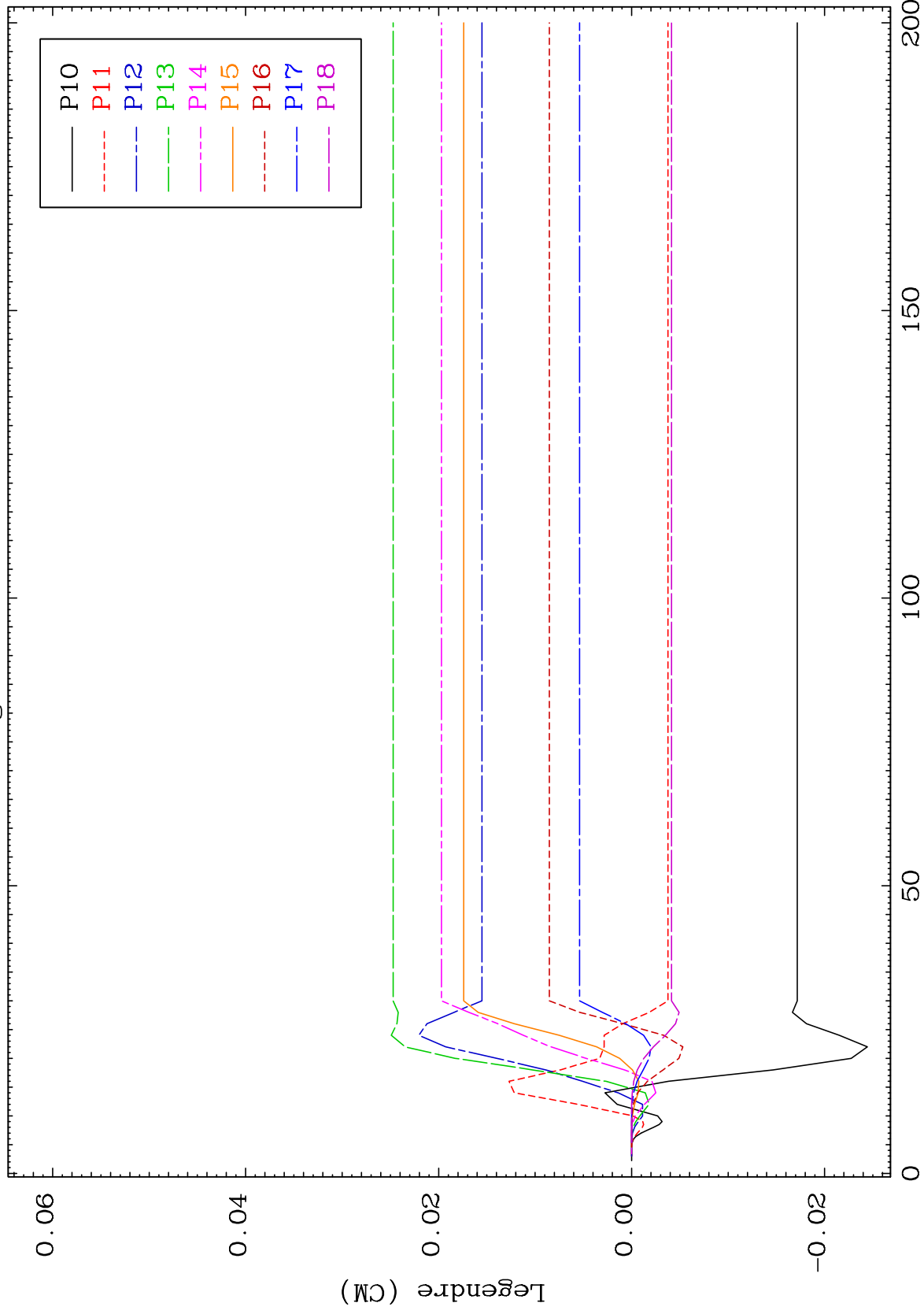
Incident Energy (MeV)

65

MAT 6037

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

60-Nd-146



66

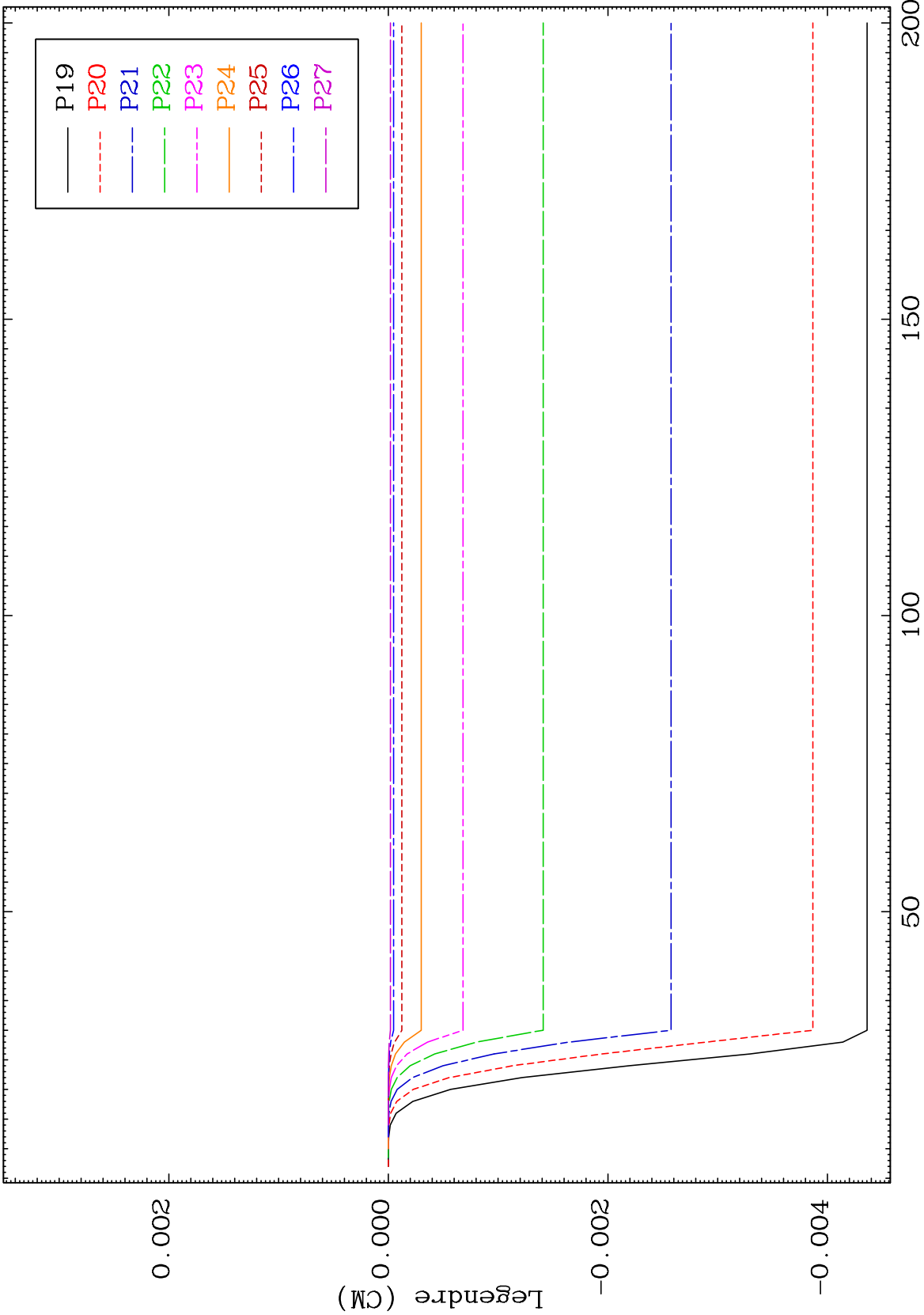
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



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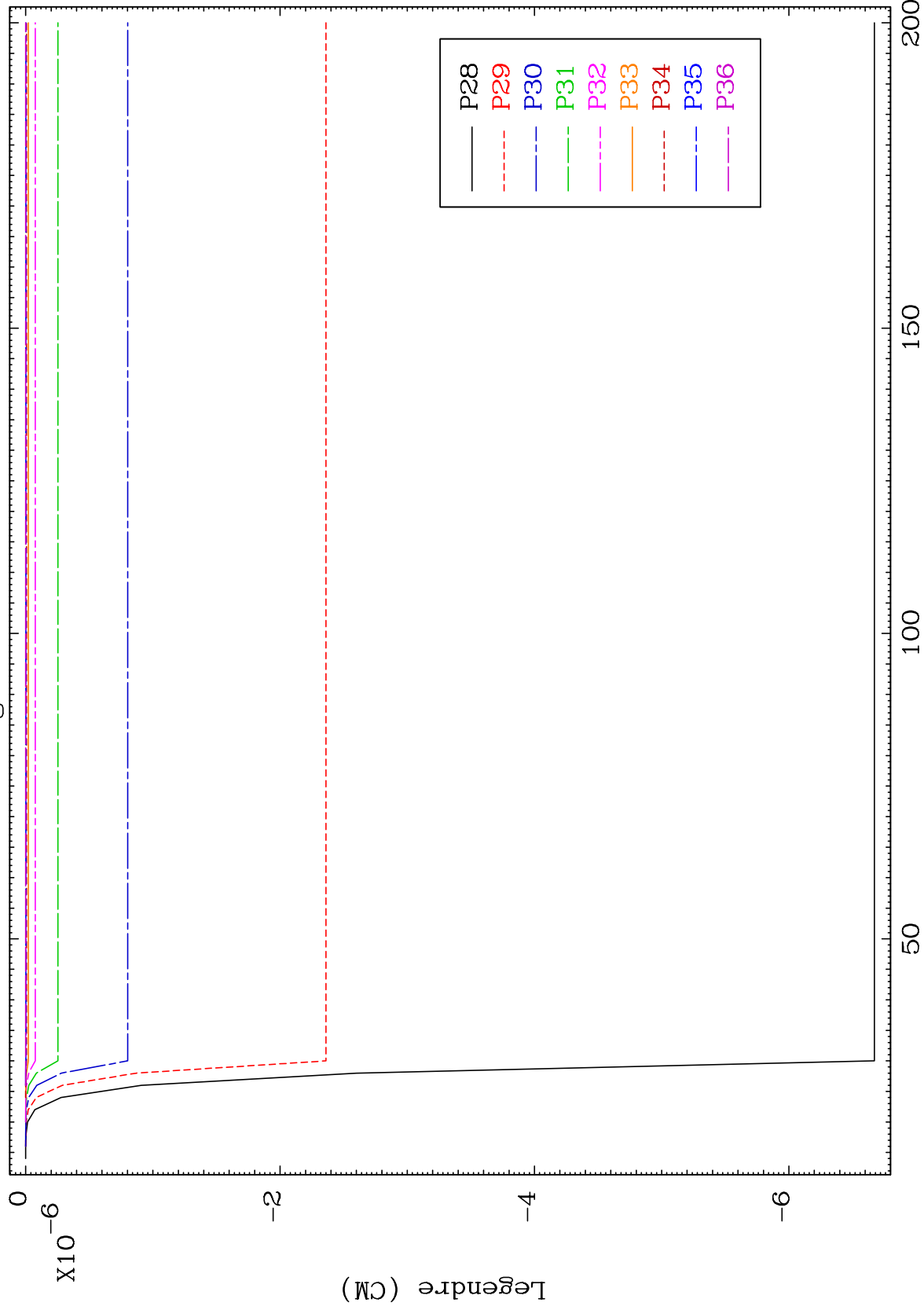
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



68

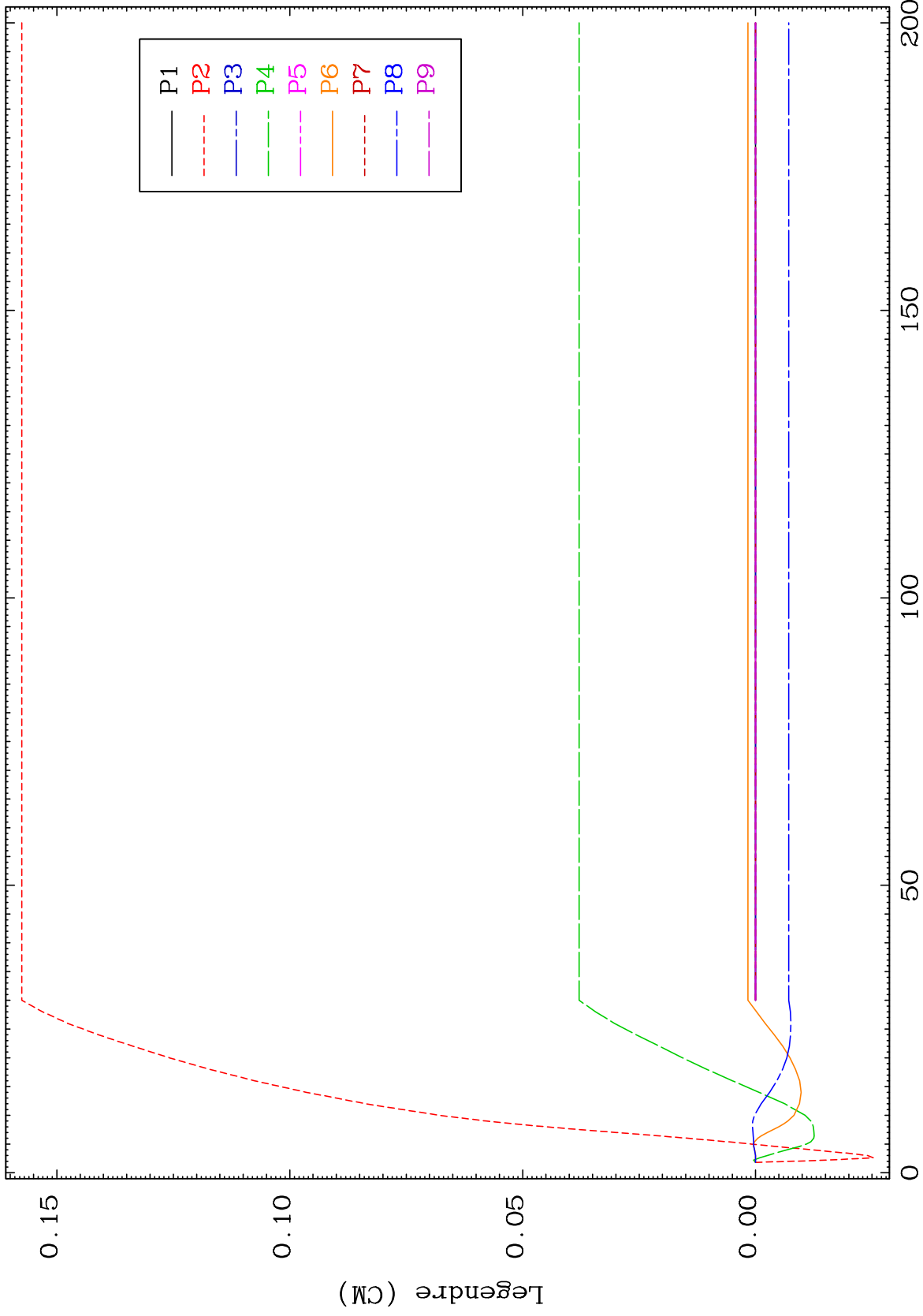
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



69

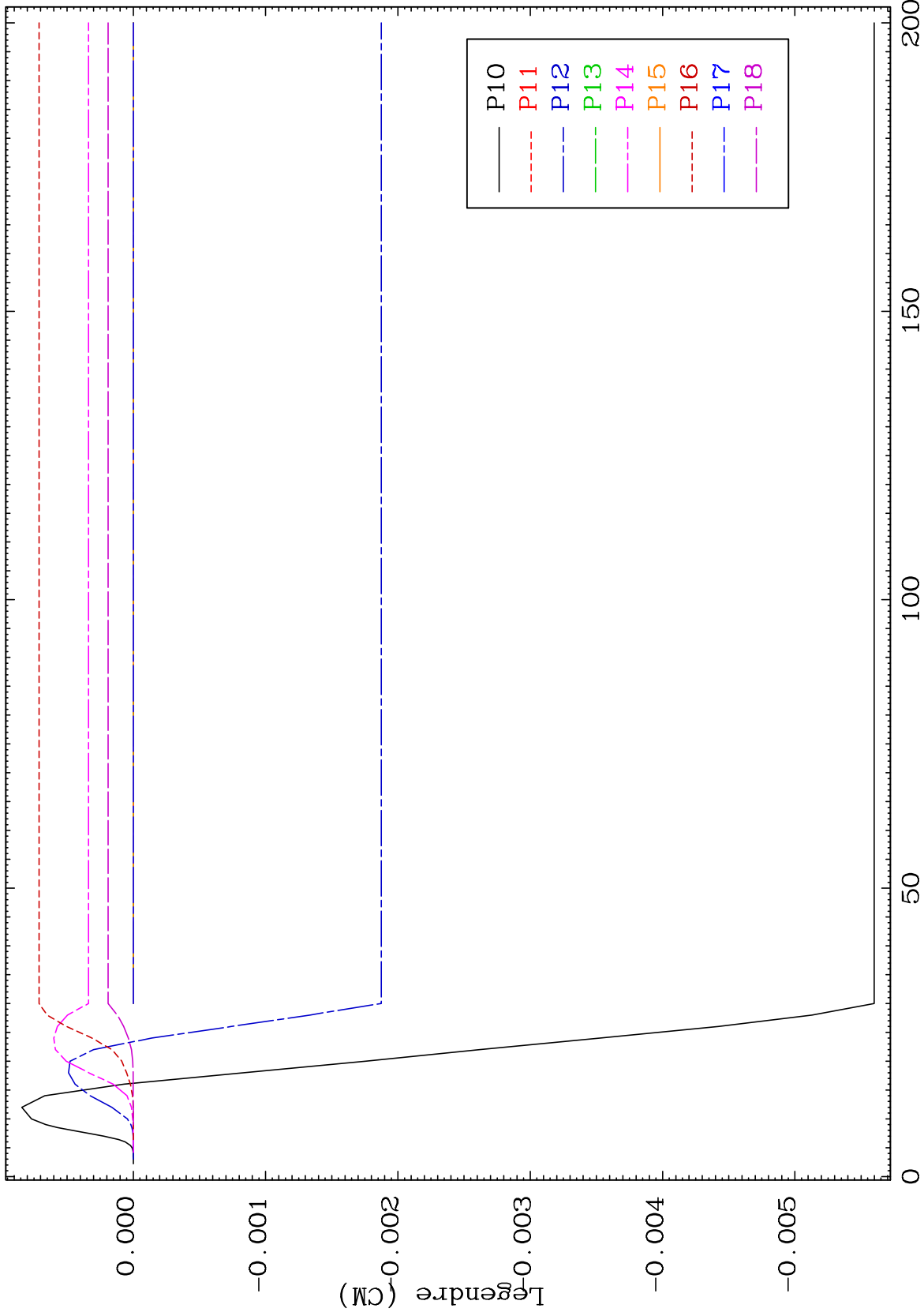
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

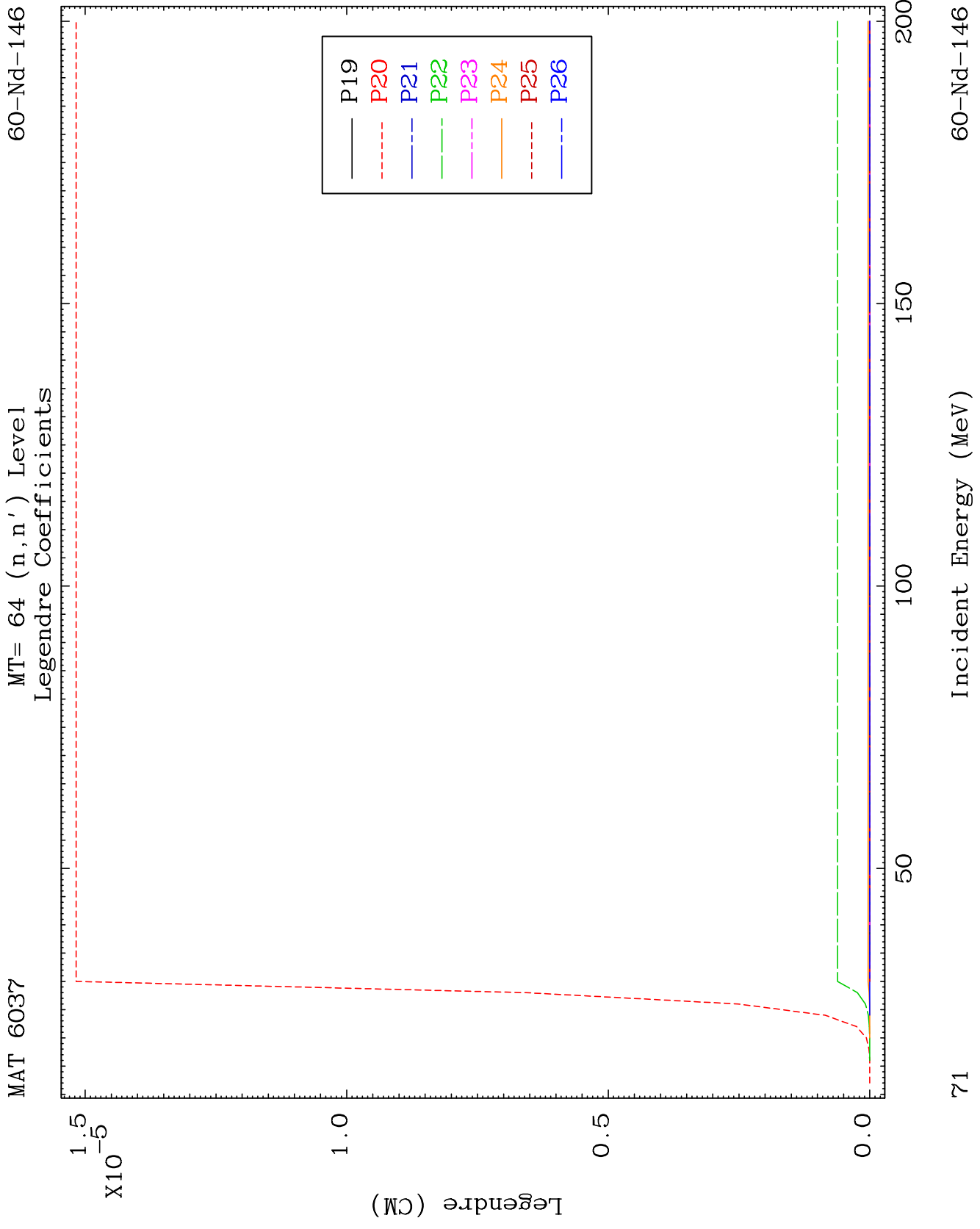
60-Nd-146



70

Incident Energy (MeV)

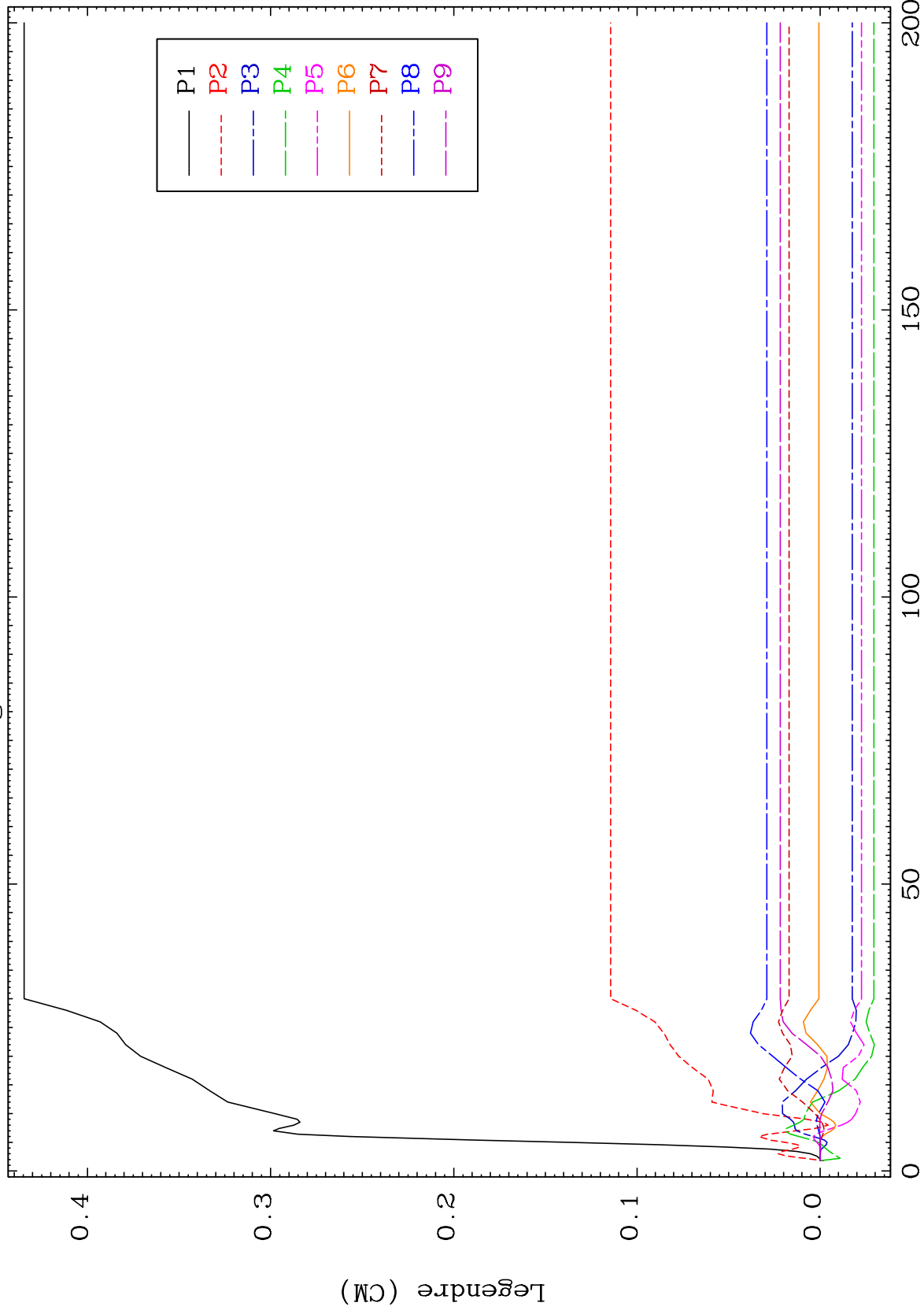
60-Nd-146



MAT 6037

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

60-Nd-146



72

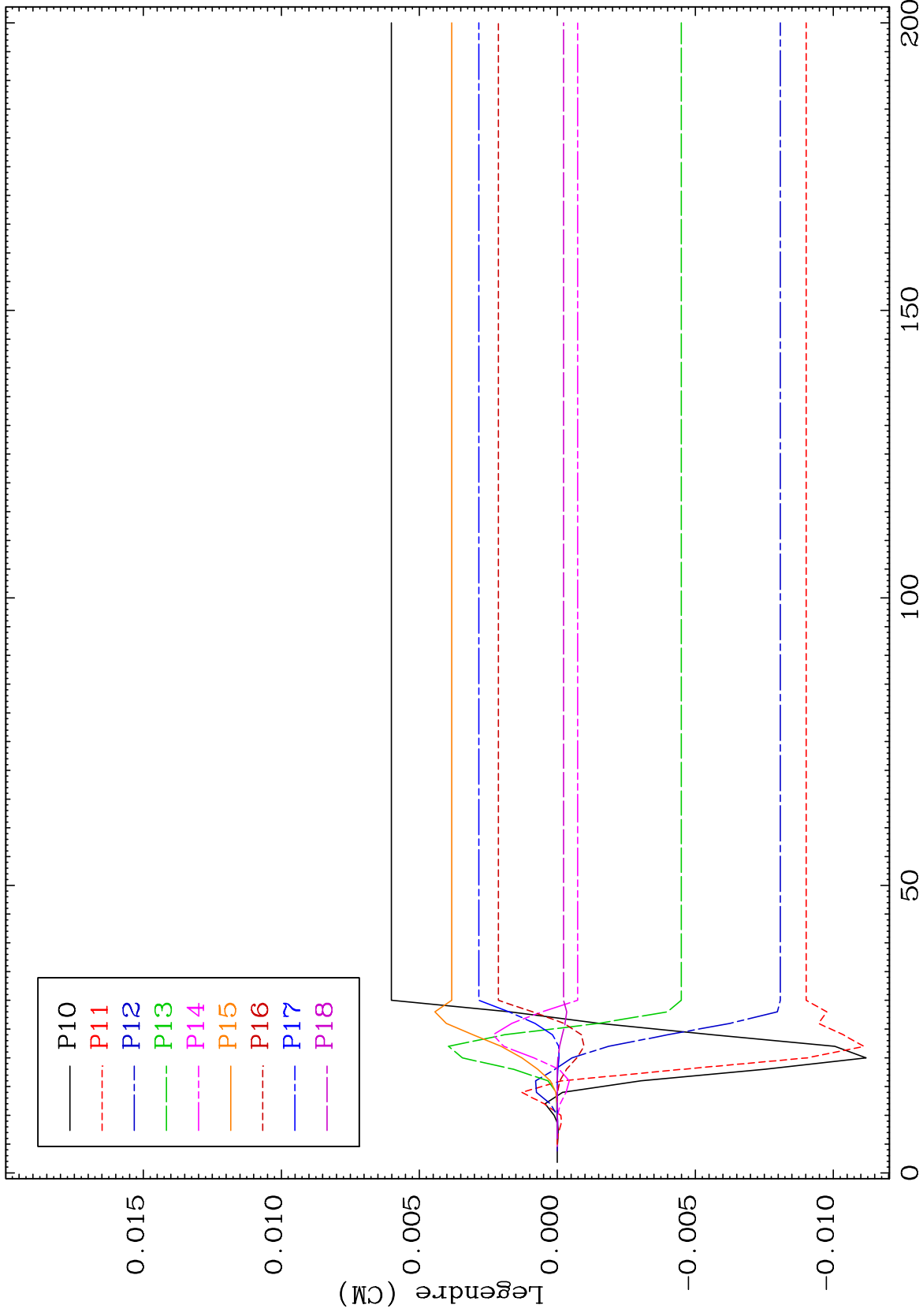
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



73

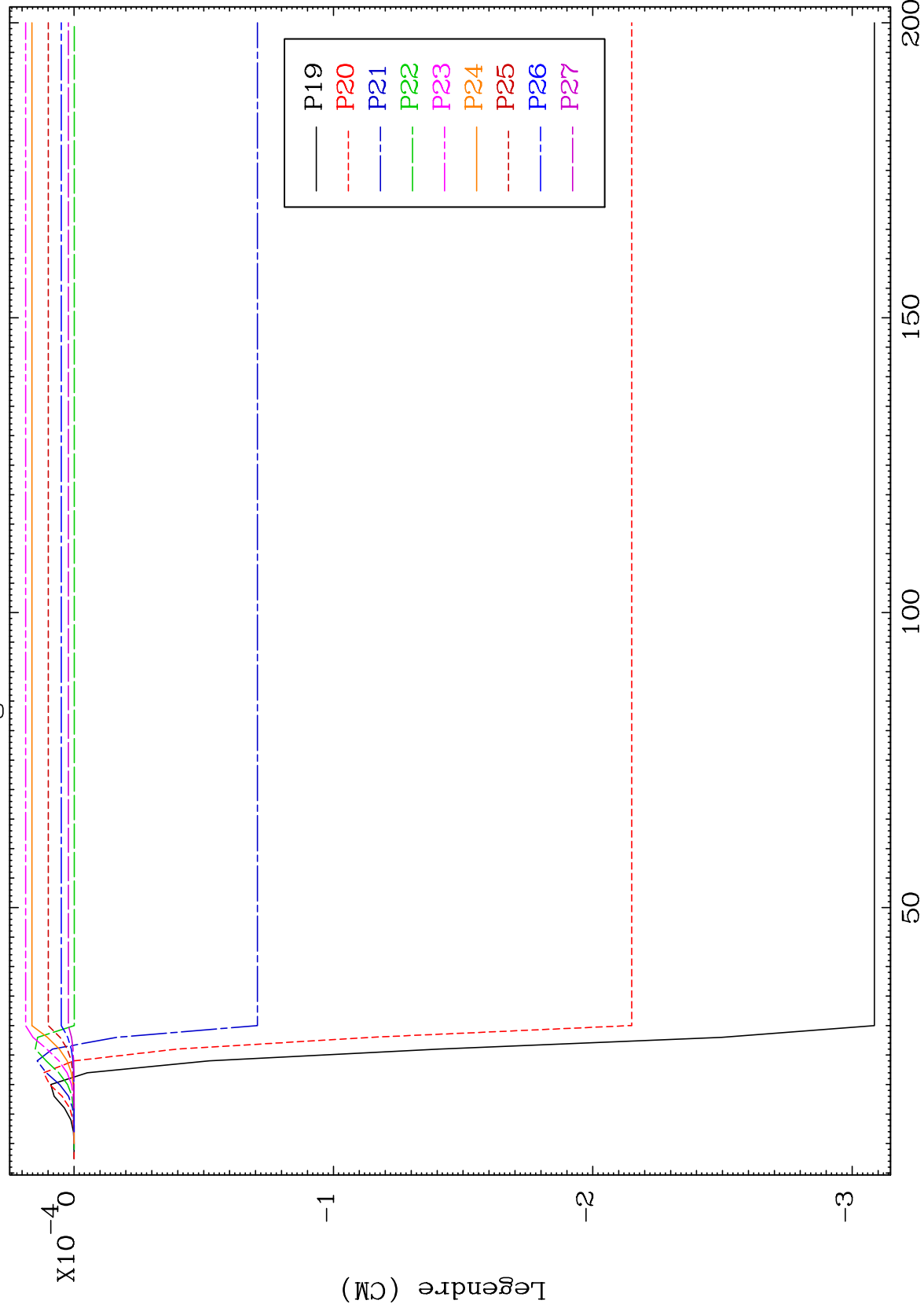
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



74

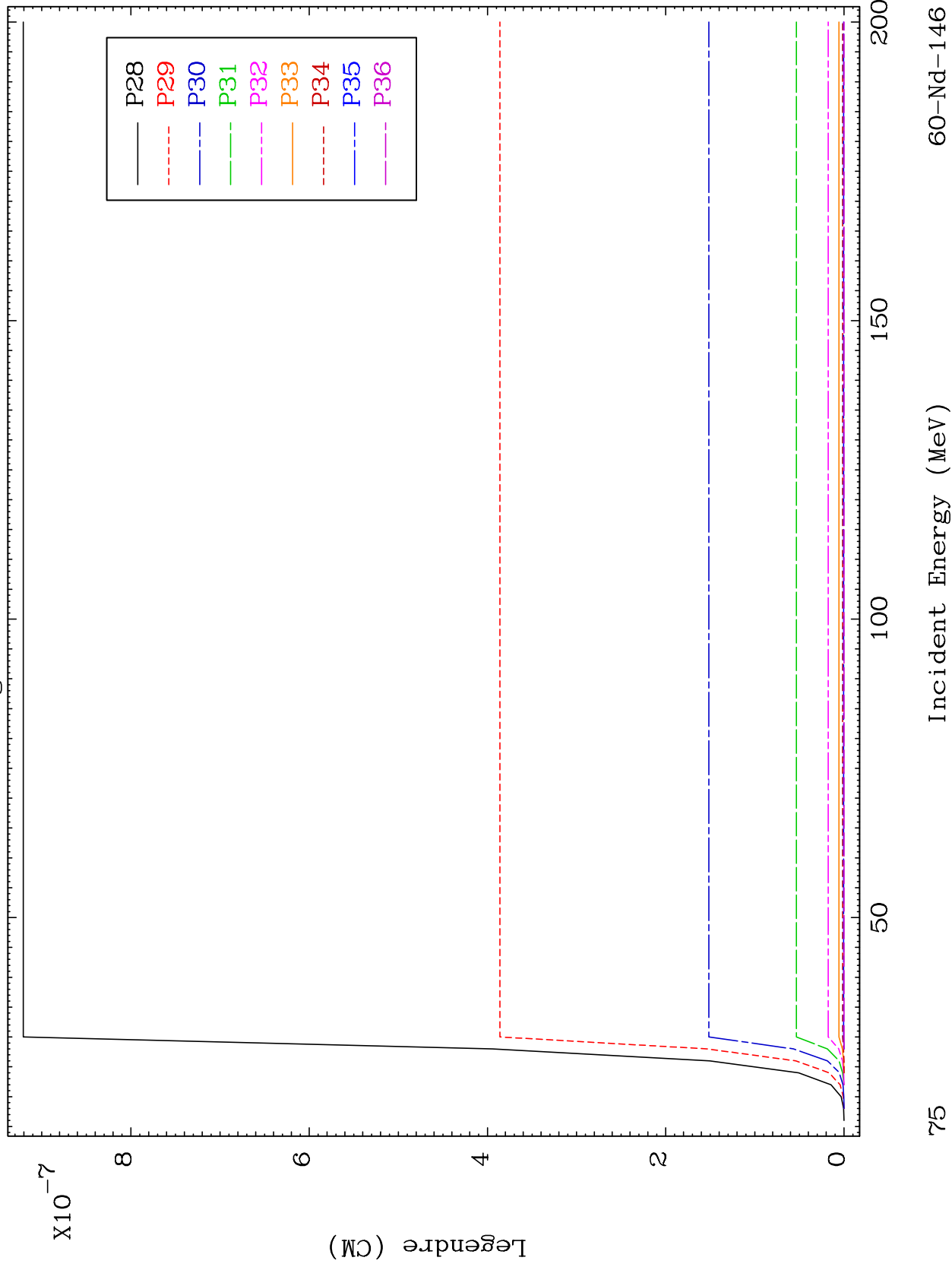
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

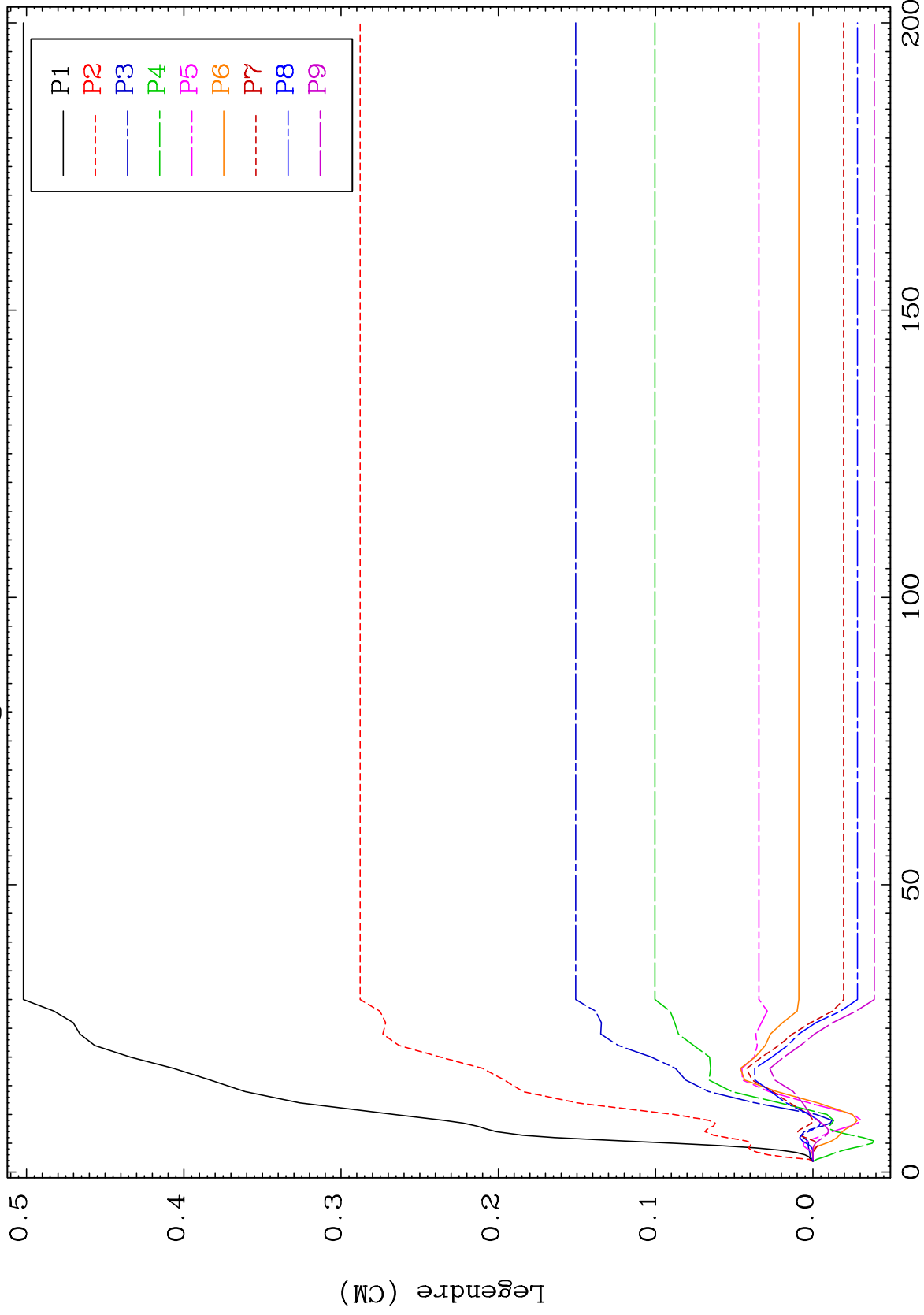
60-Nd-146



MAT 6037

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

60-Nd-146



76

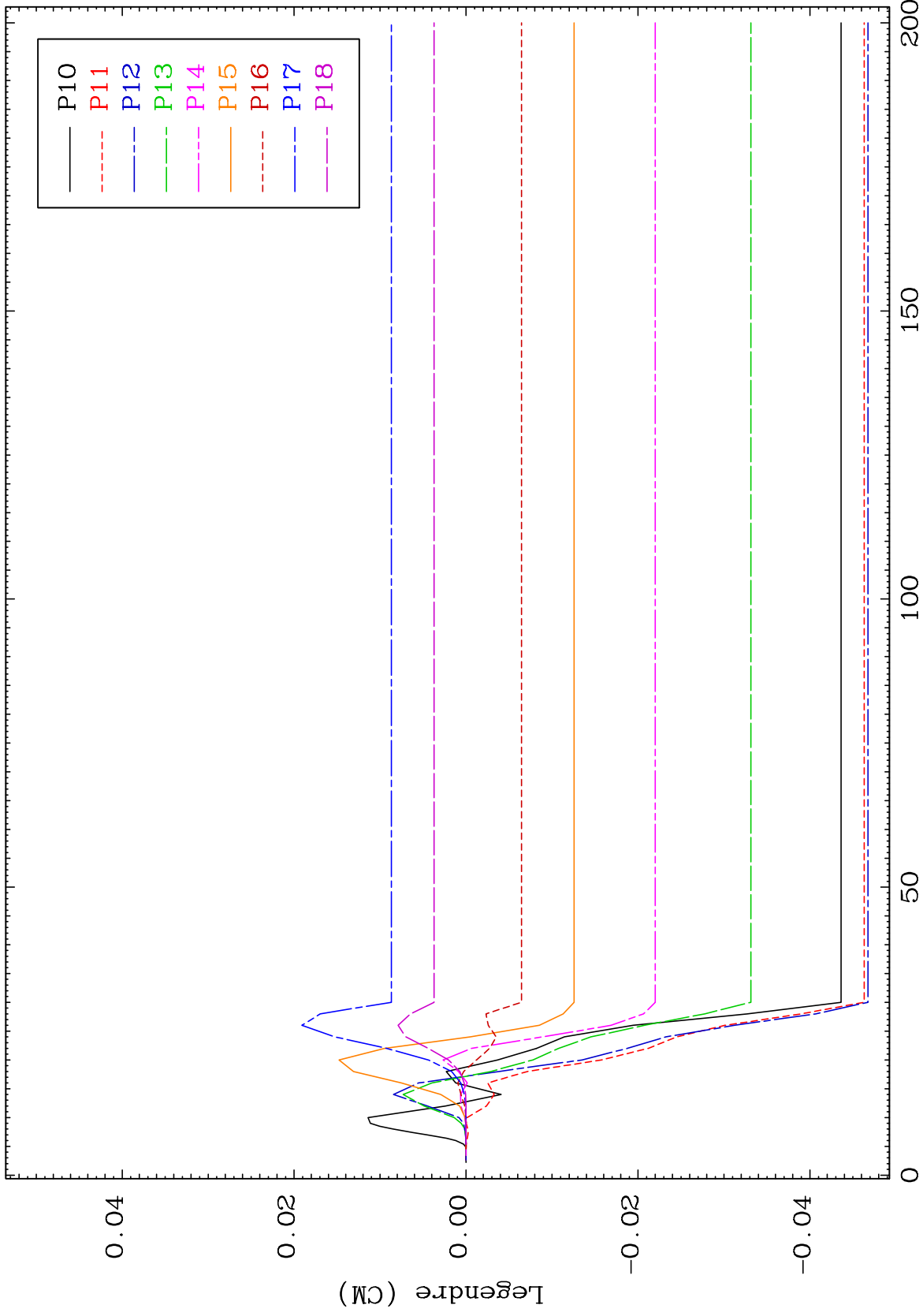
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



77

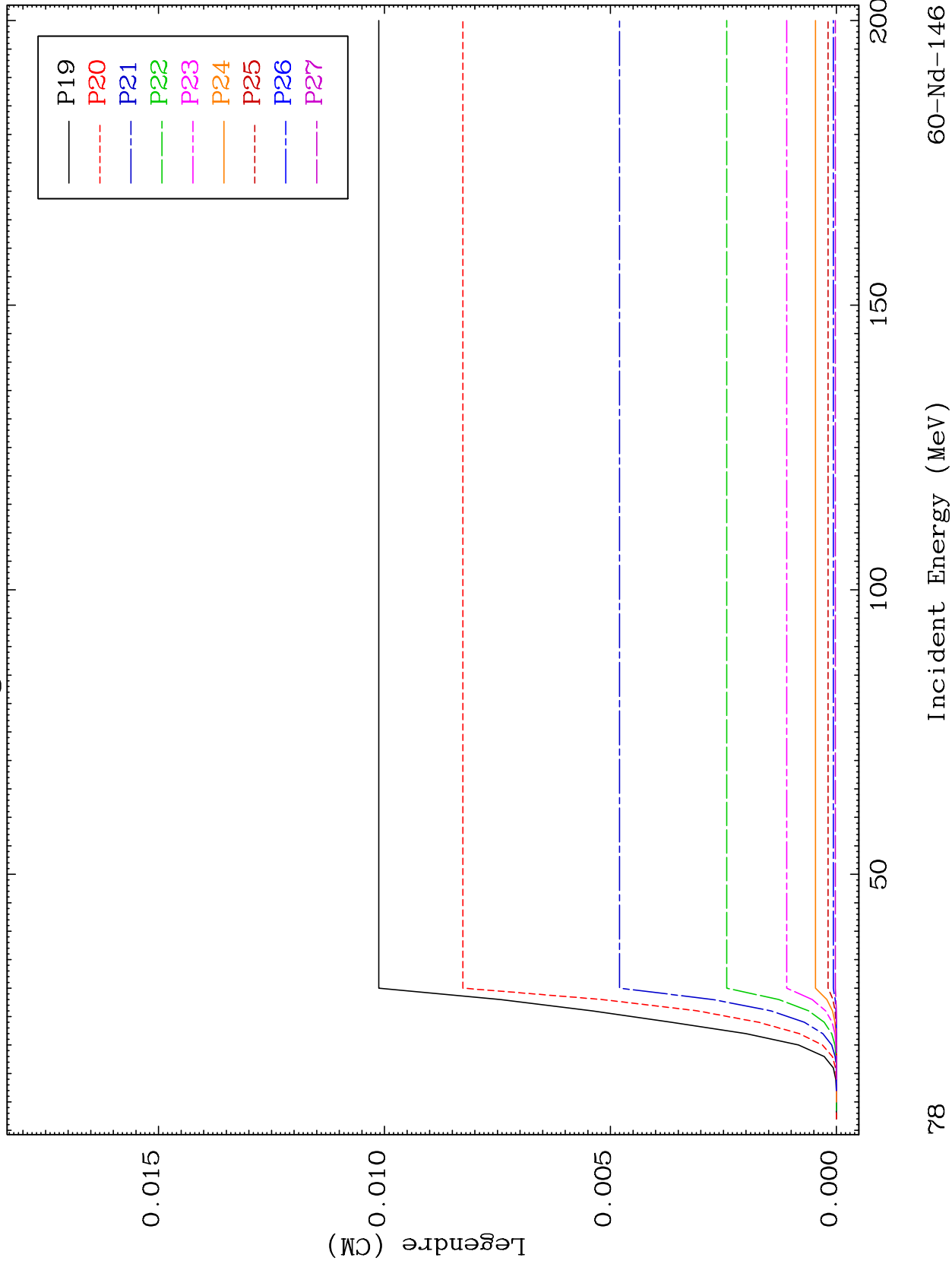
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

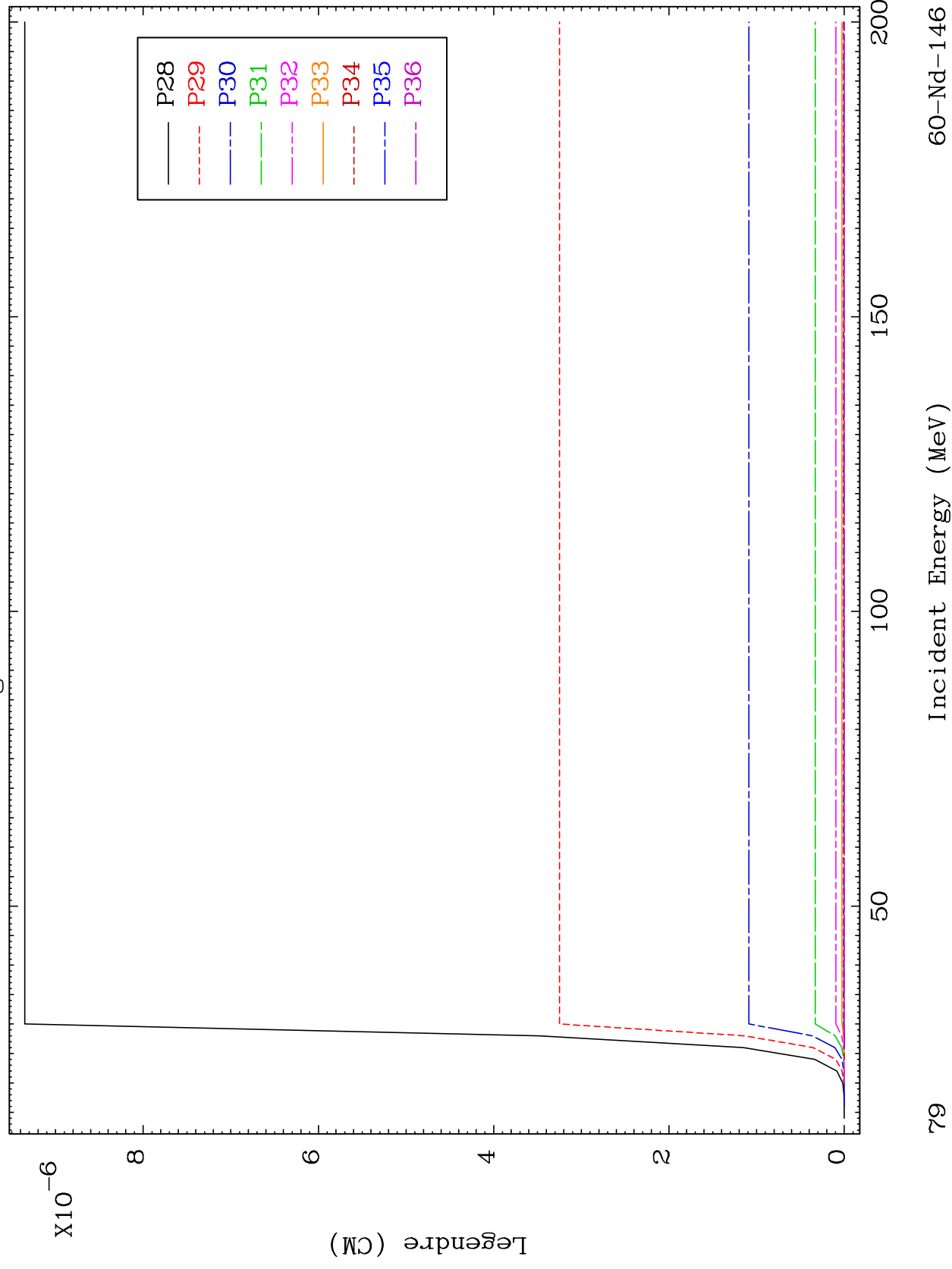
60-Nd-146



MAT 6037

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

60-Nd-146



79

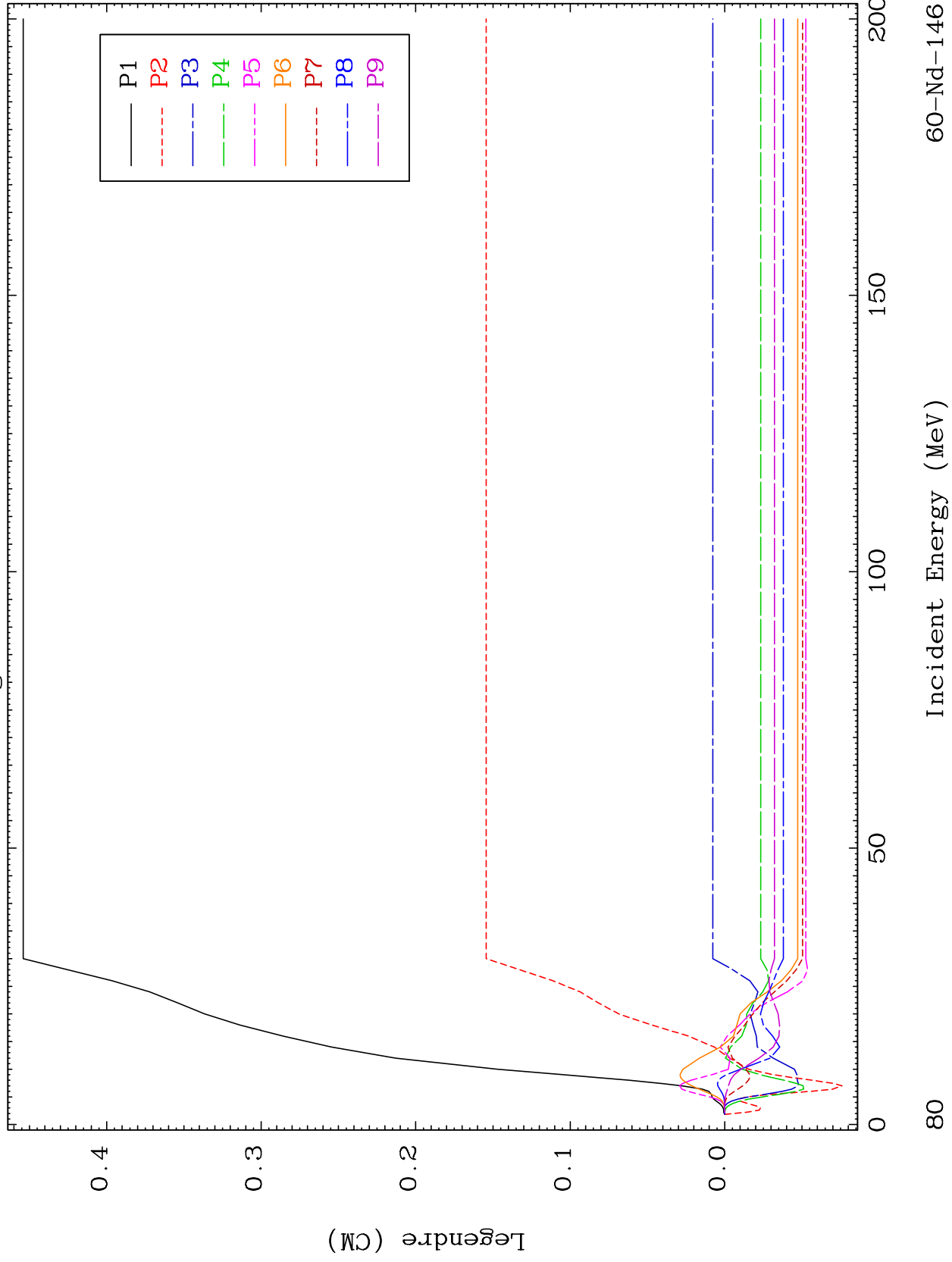
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

Incident Energy (MeV)

80

0

50

100

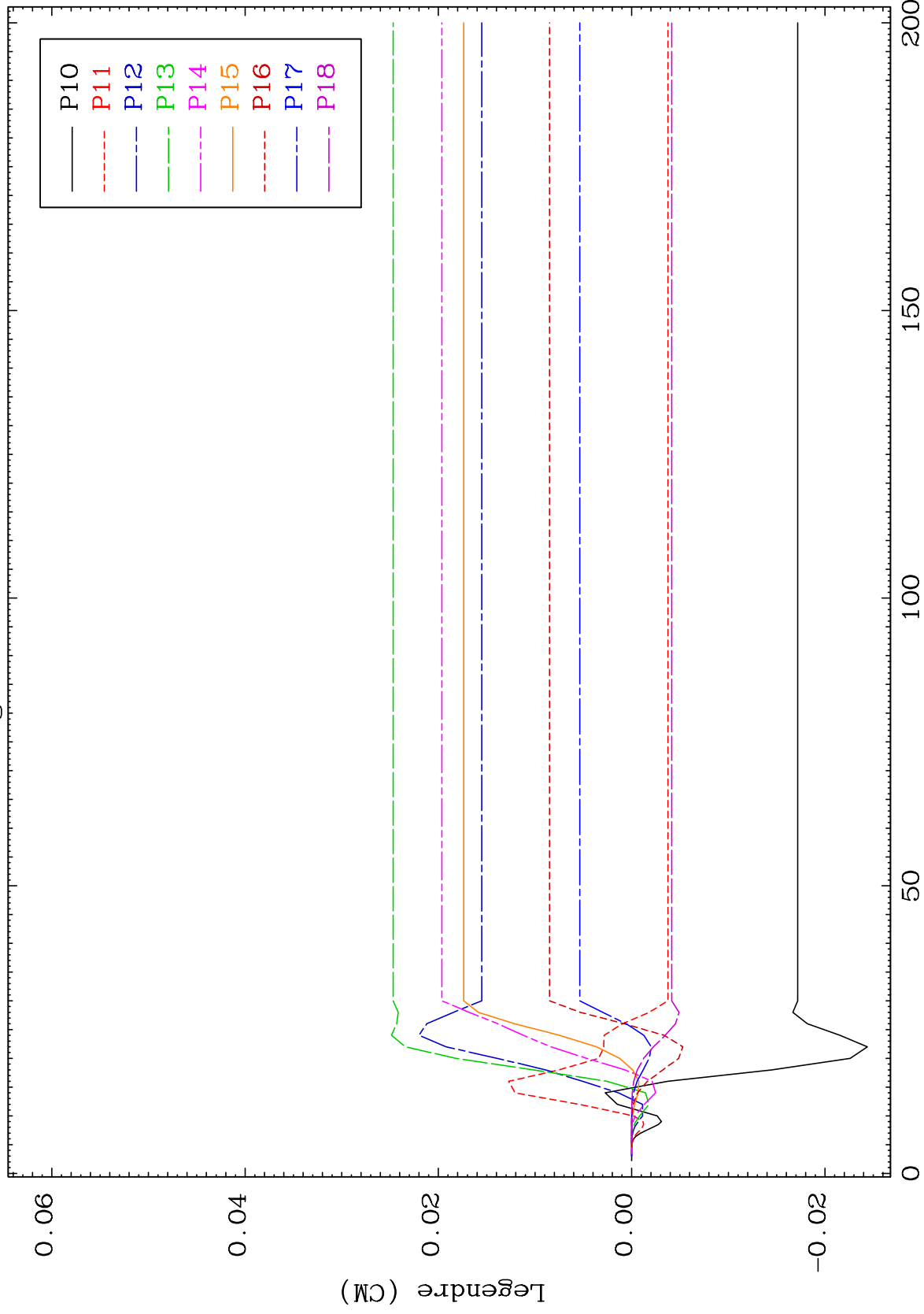
150

200

MAT 6037

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

60-Nd-146



81

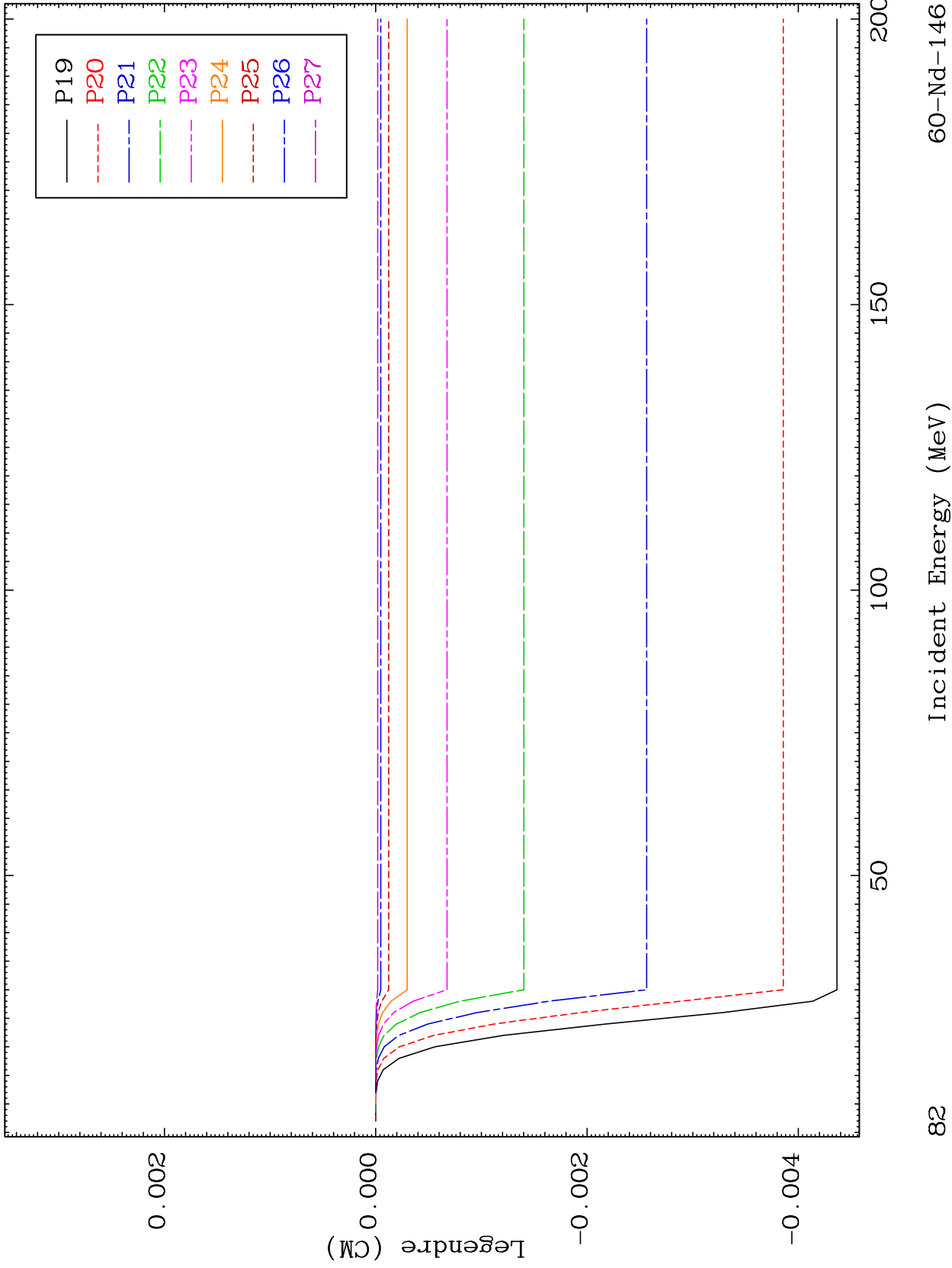
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



82

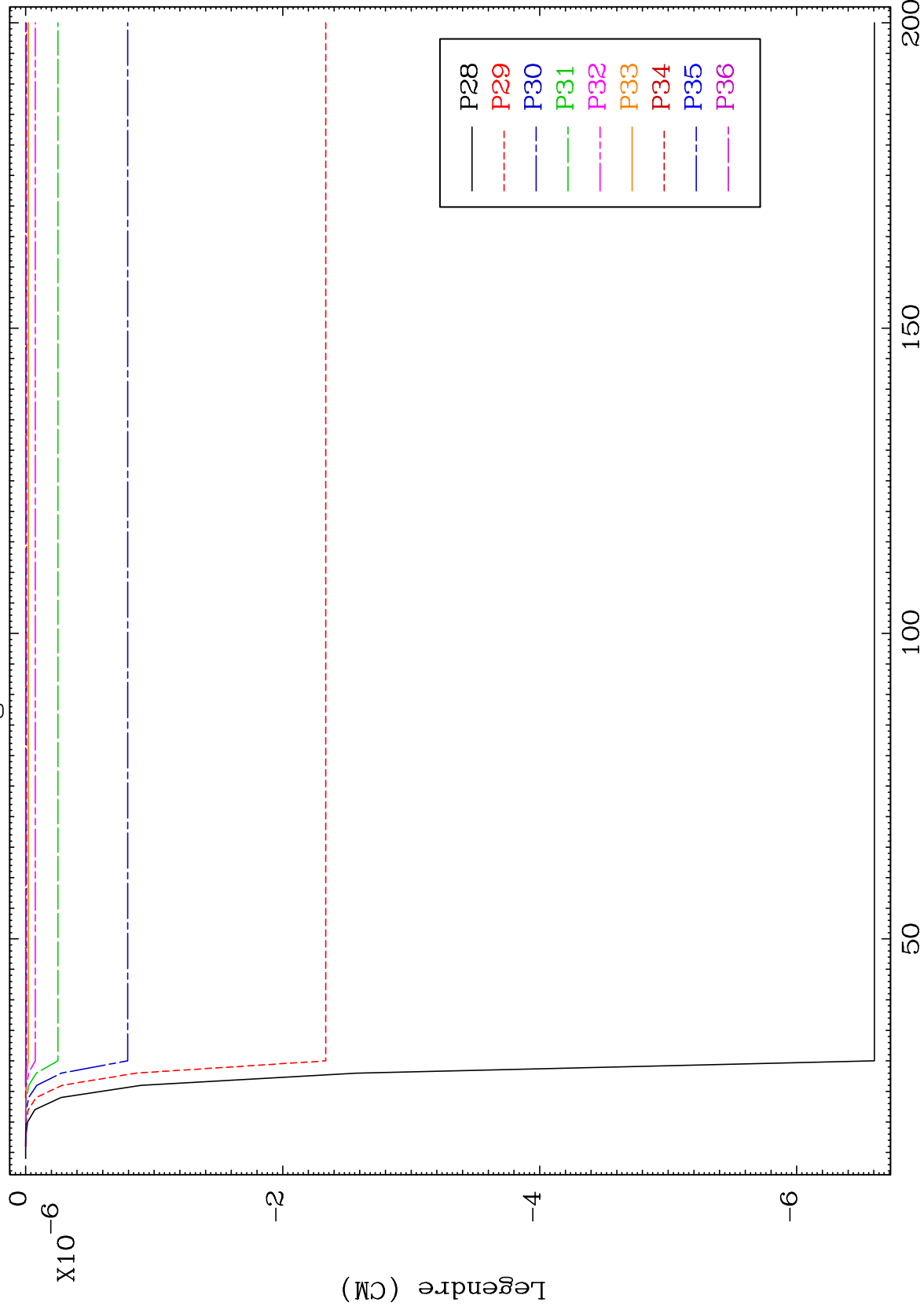
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



83

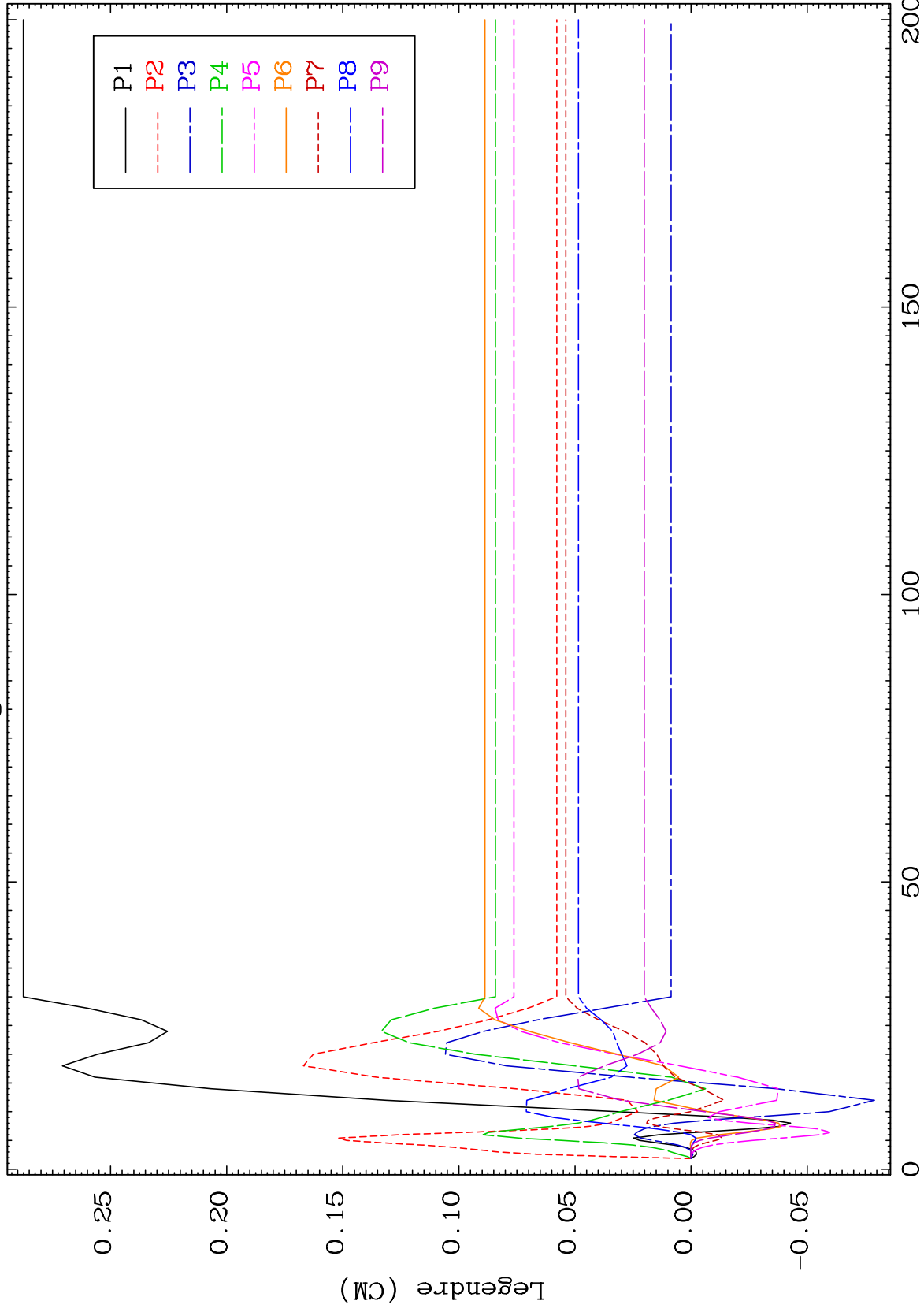
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



84

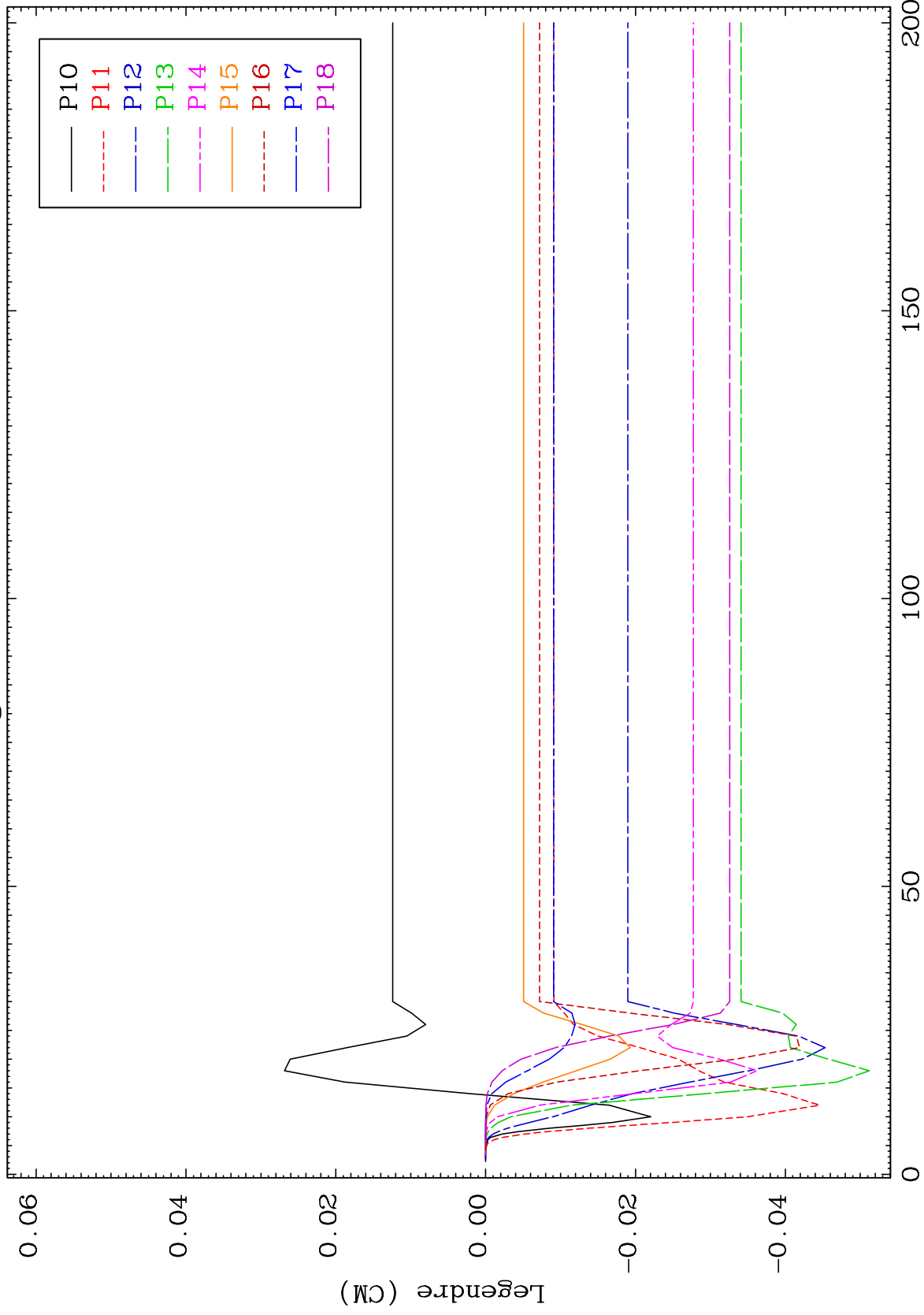
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

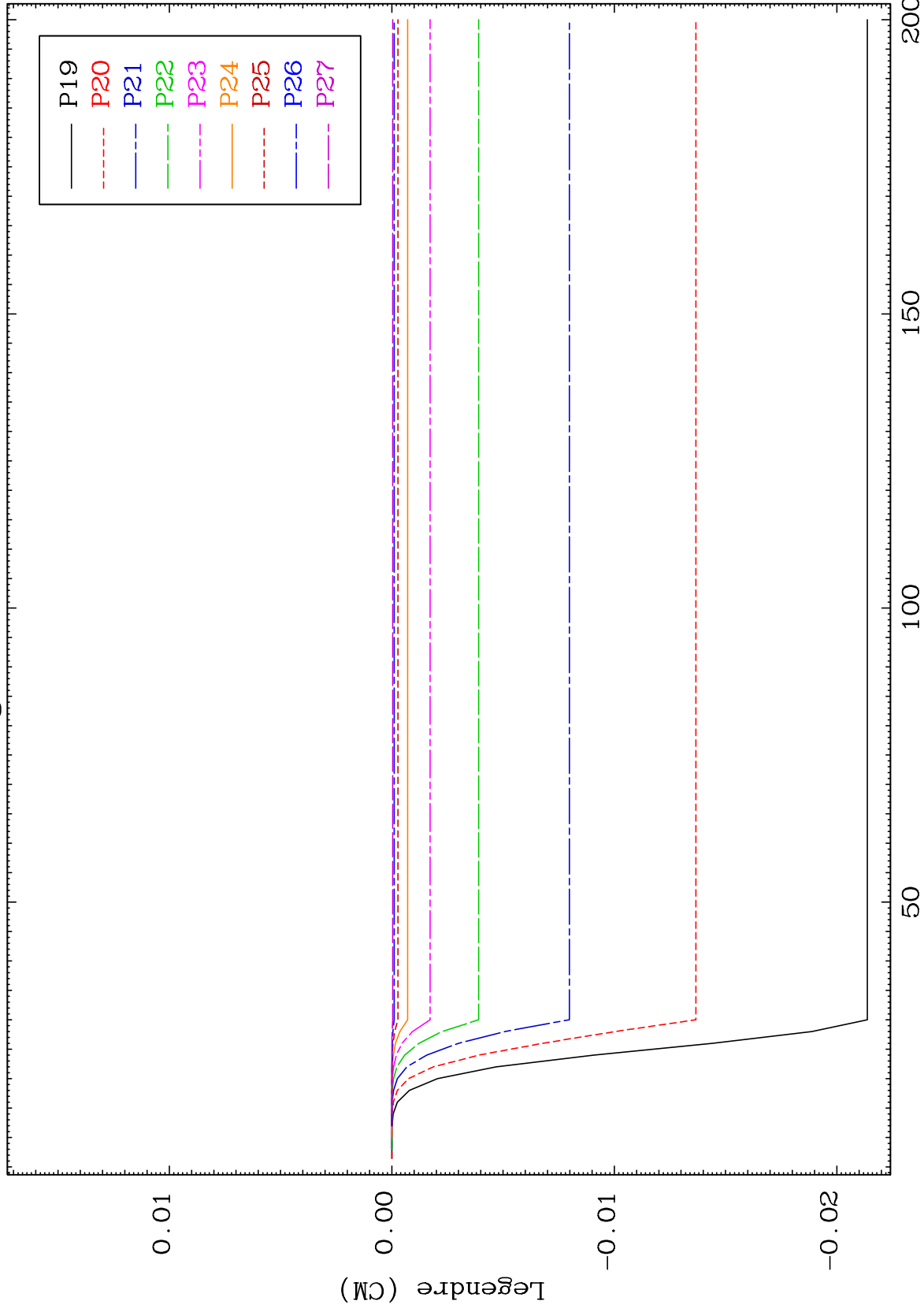
60-Nd-146

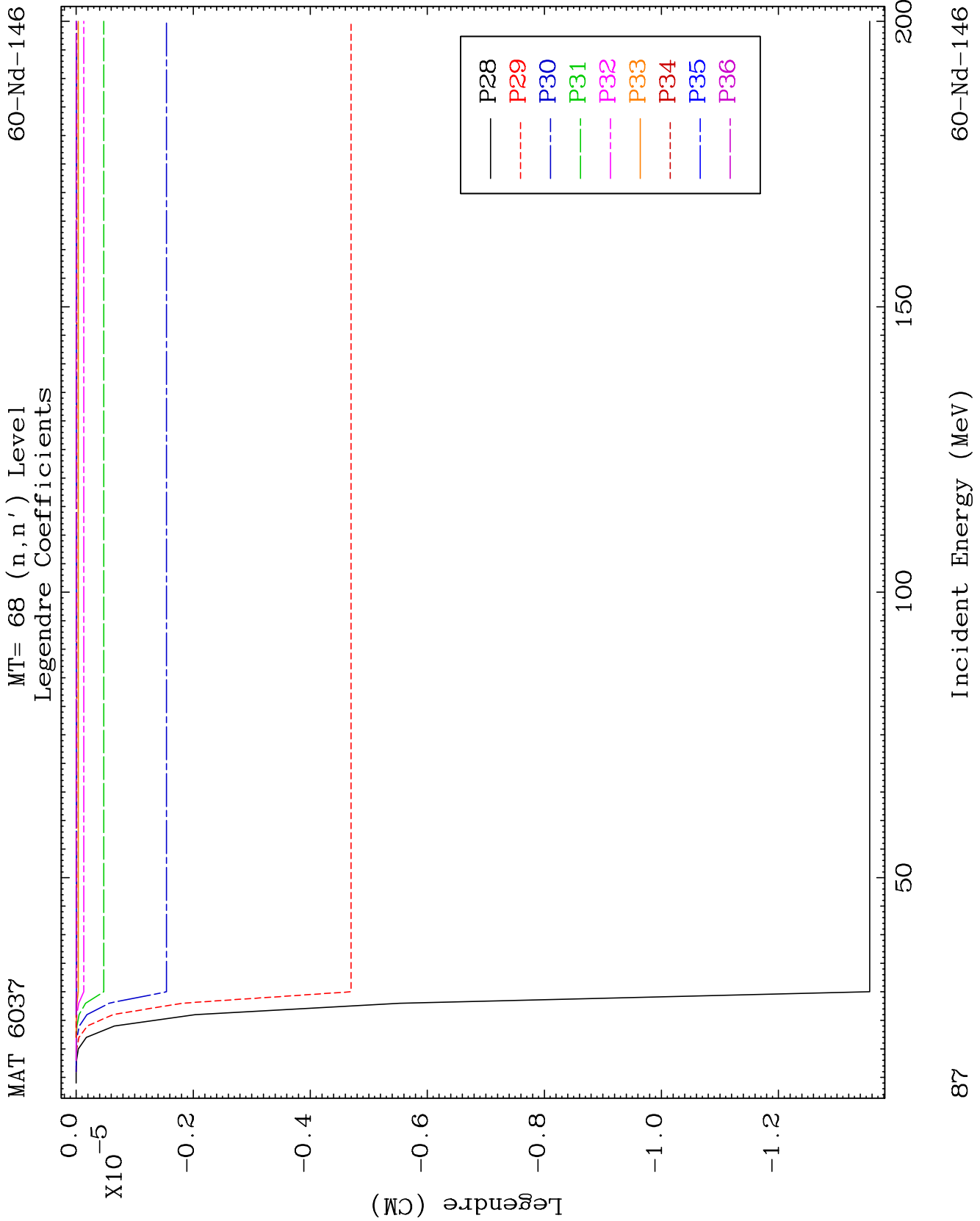


85

Incident Energy (MeV)

60-Nd-146

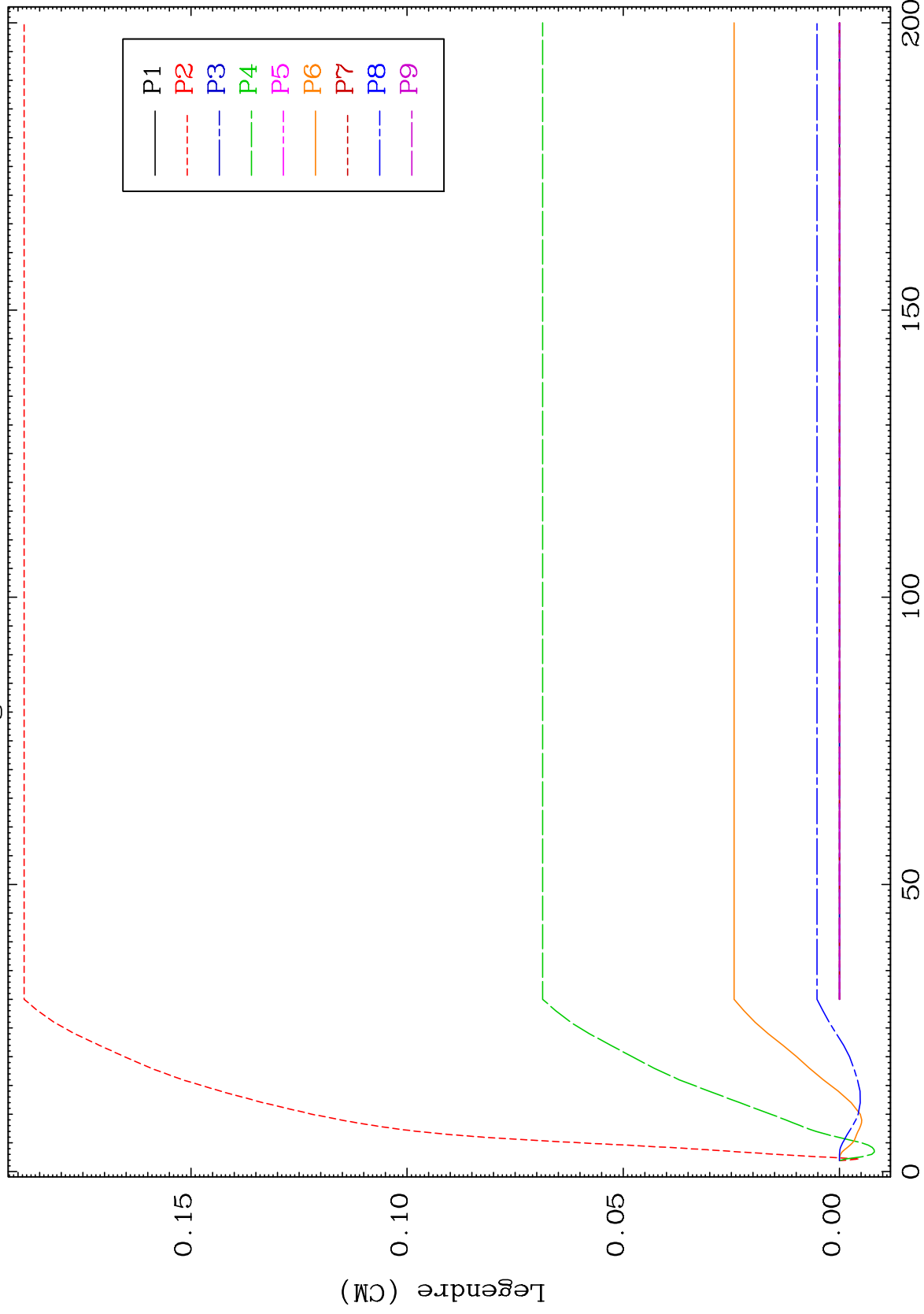




MAT 6037

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

60-Nd-146



88

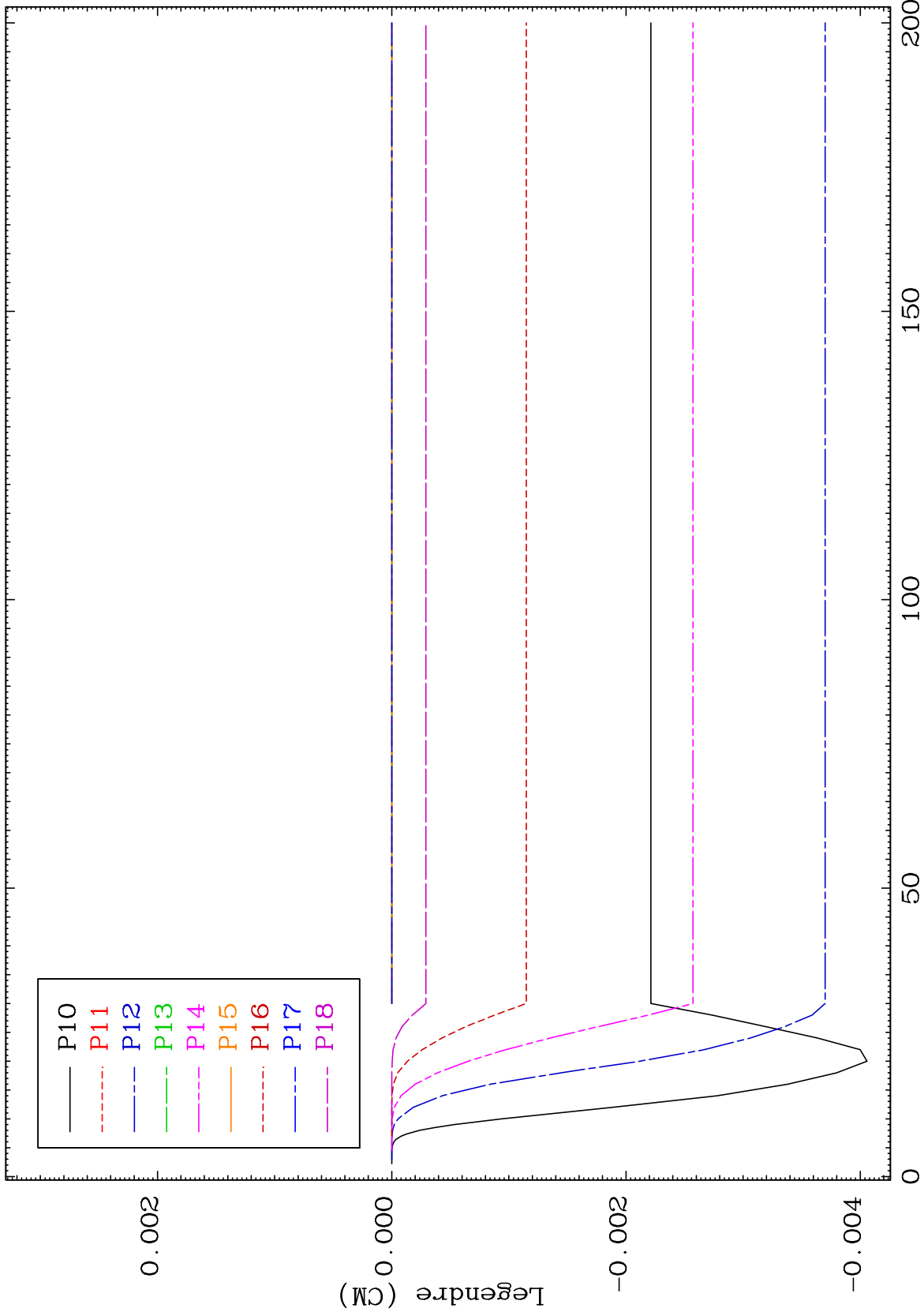
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

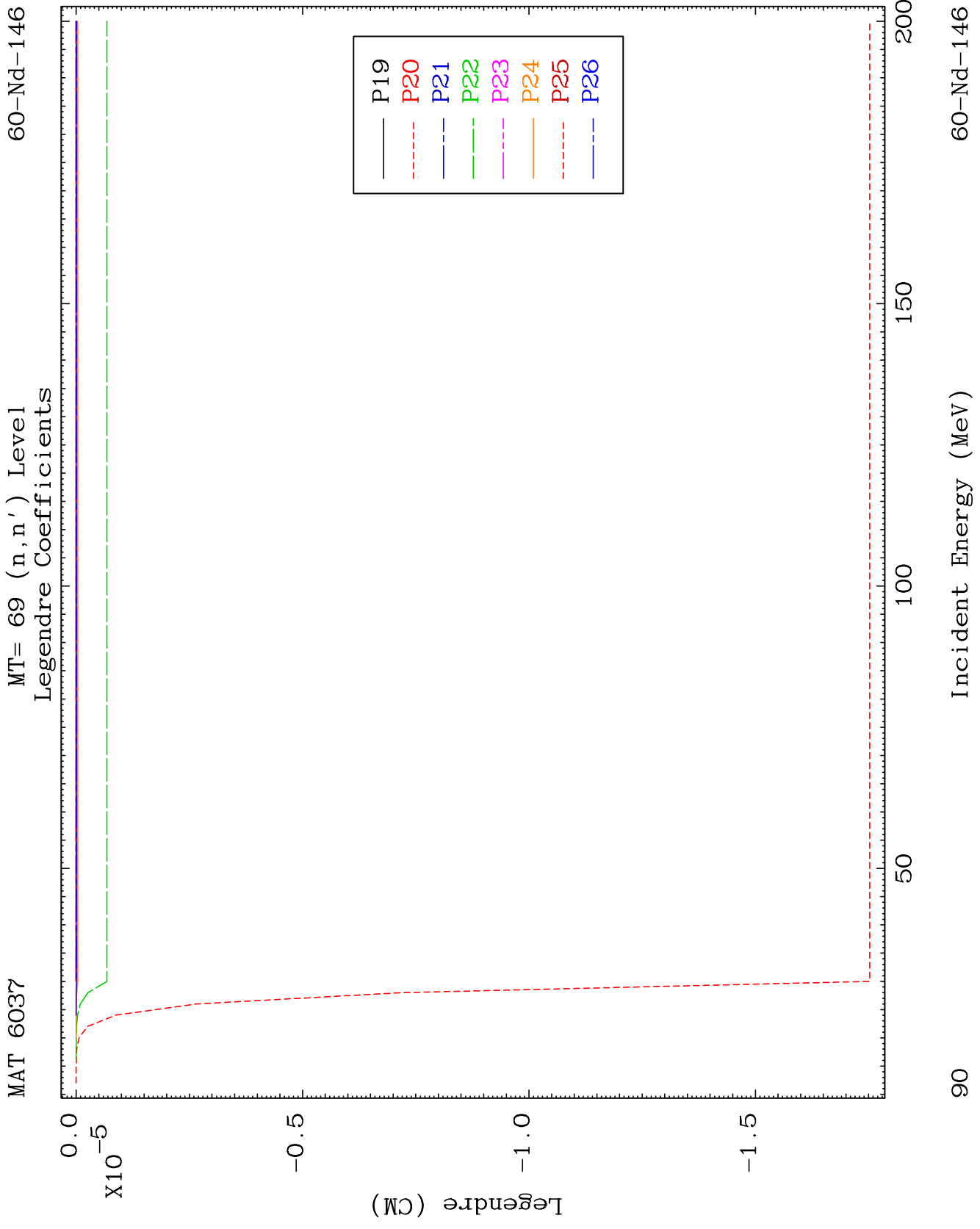
60-Nd-146

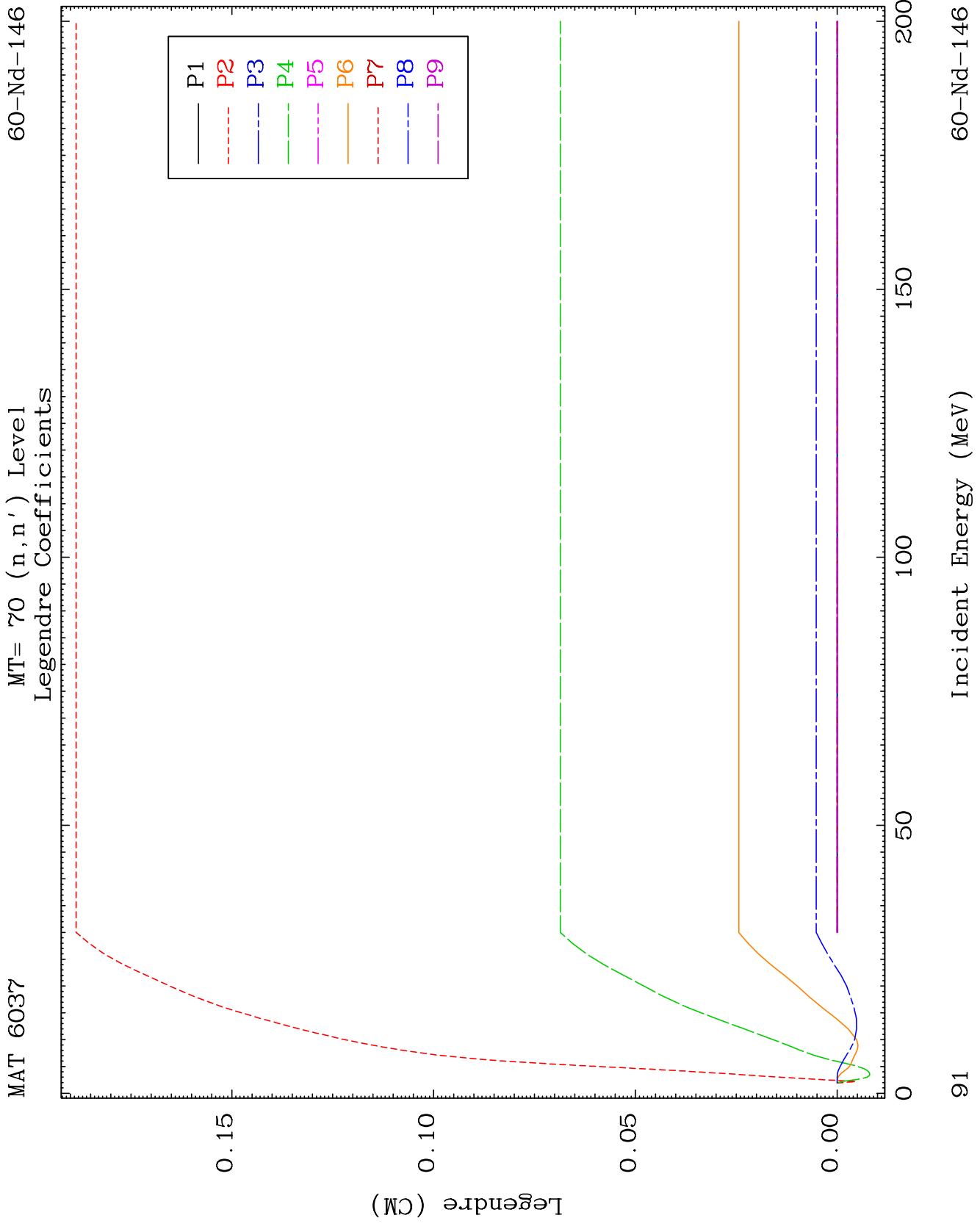


89

Incident Energy (MeV)

60-Nd-146

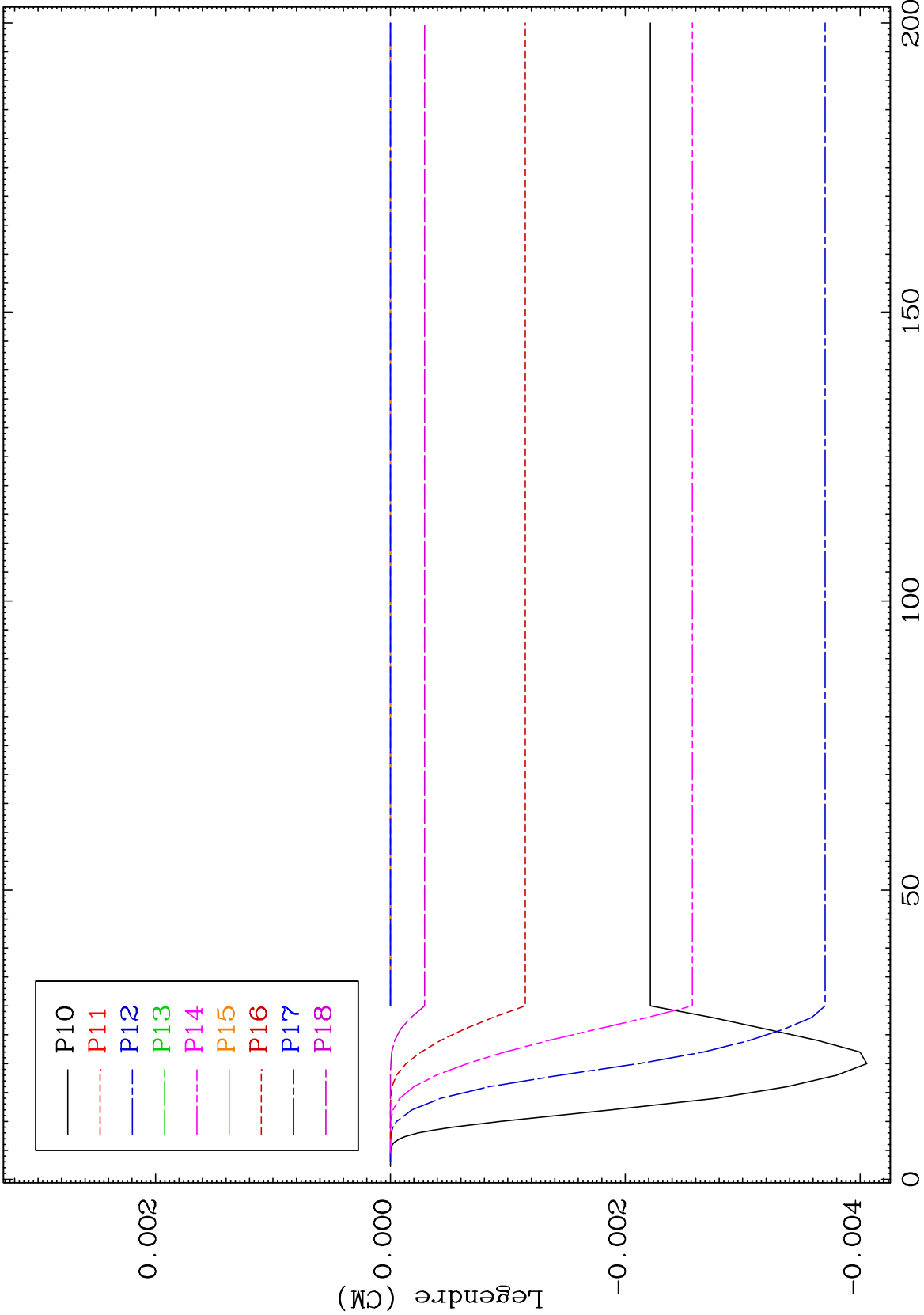




MAT 6037

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

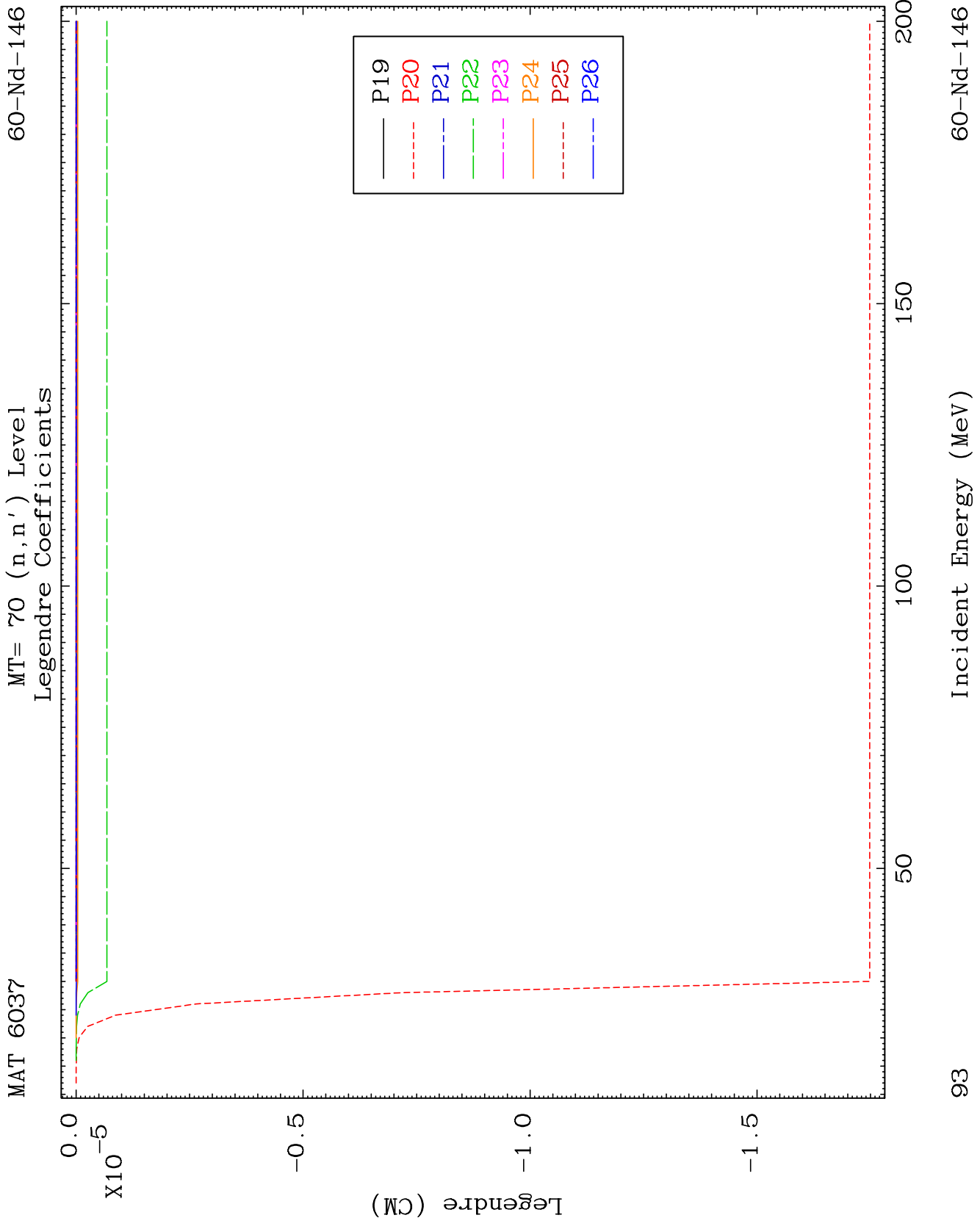
60-Nd-146



92

Incident Energy (MeV)

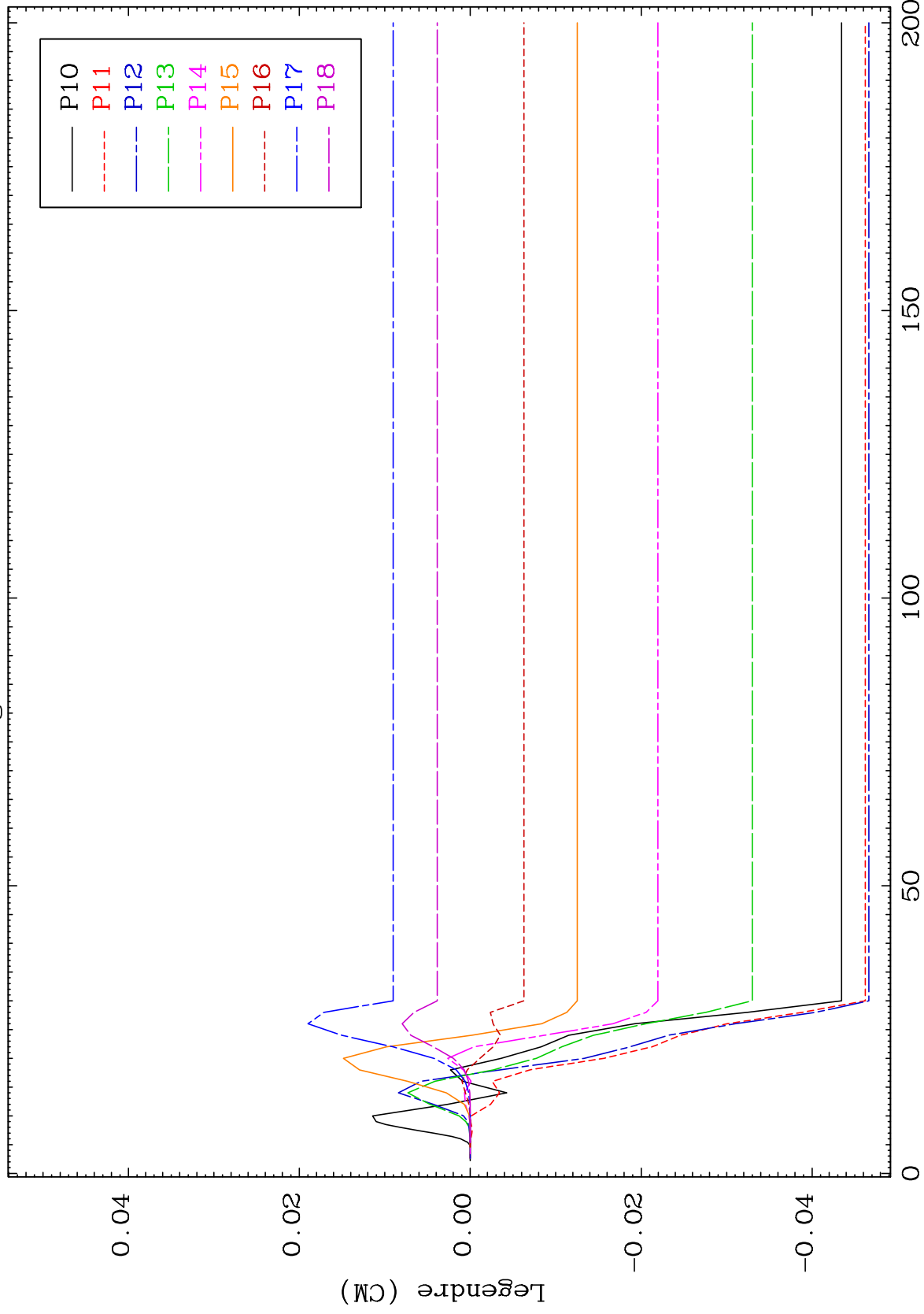
60-Nd-146



MAT 6037

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

60-Nd-146



95

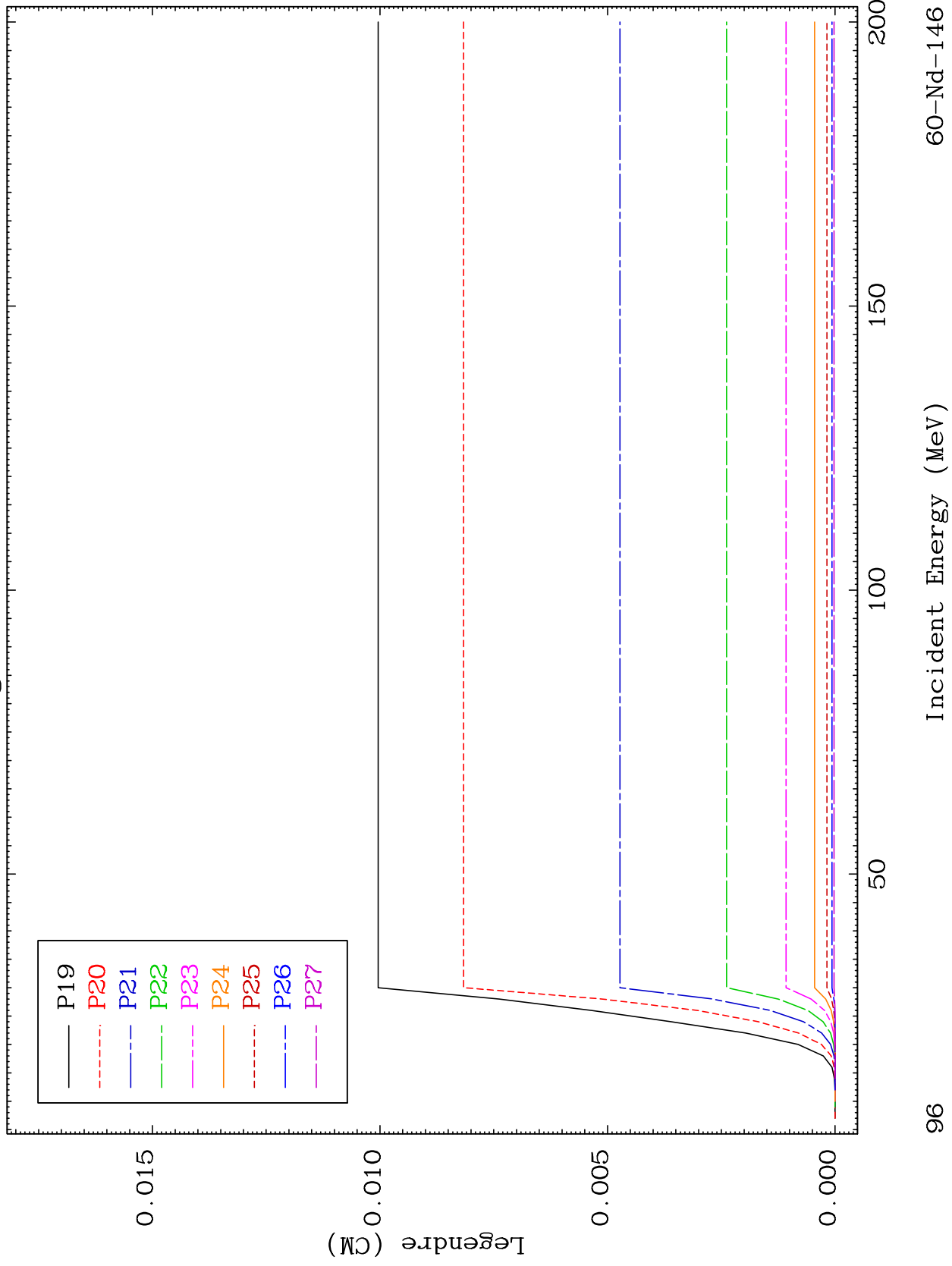
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



96

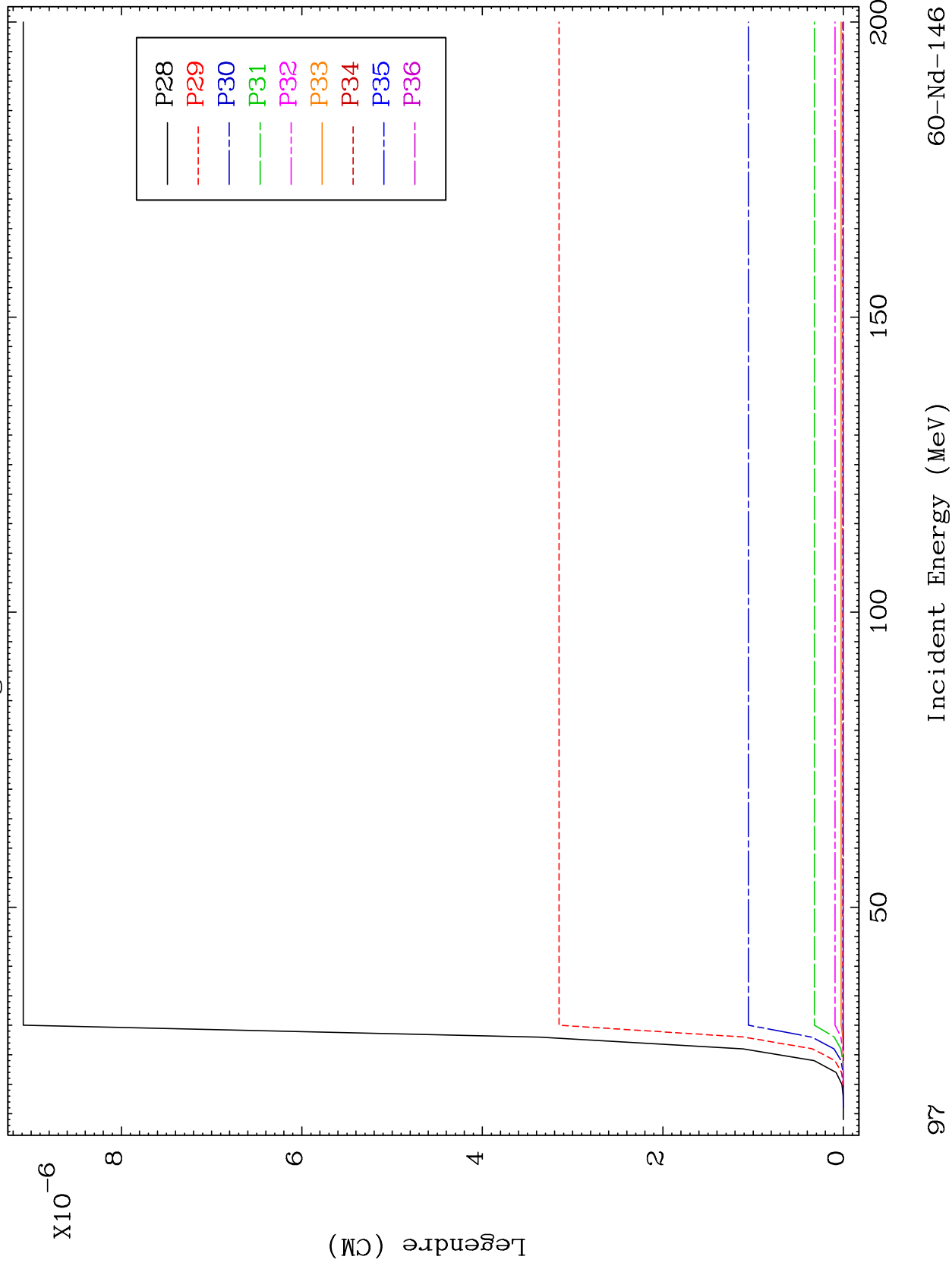
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

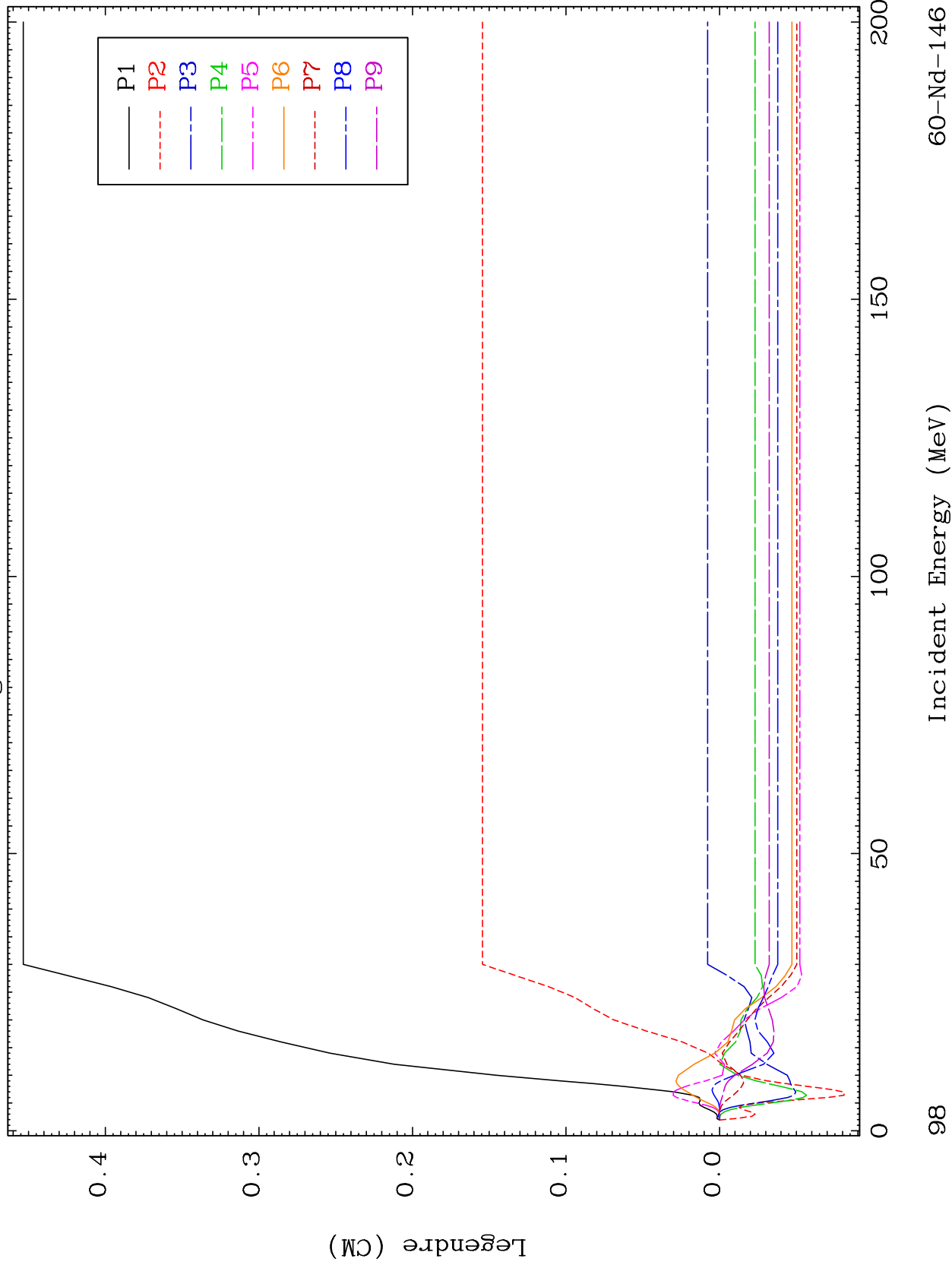
60-Nd-146



MAT 6037

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

60-Nd-146

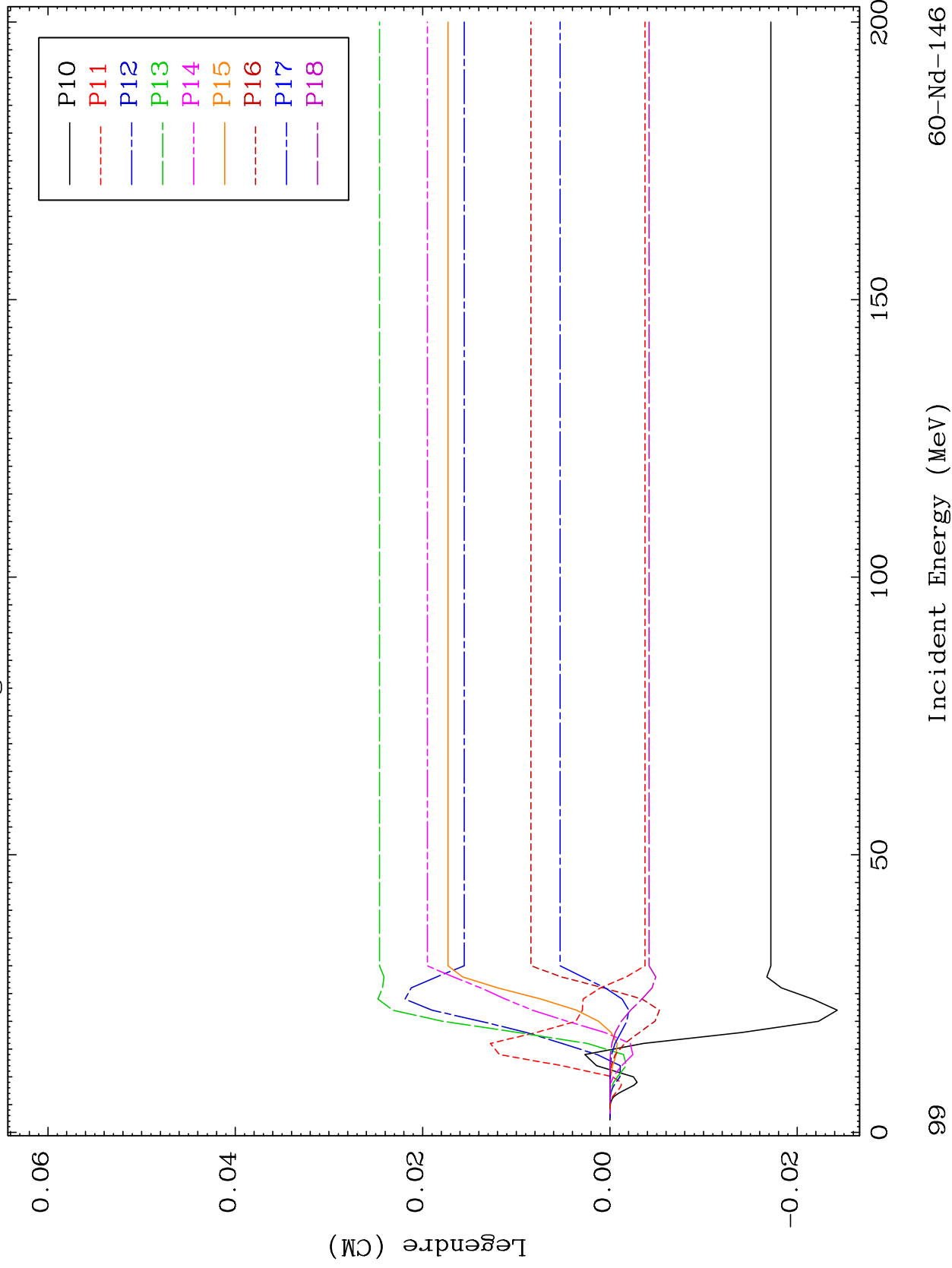


60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

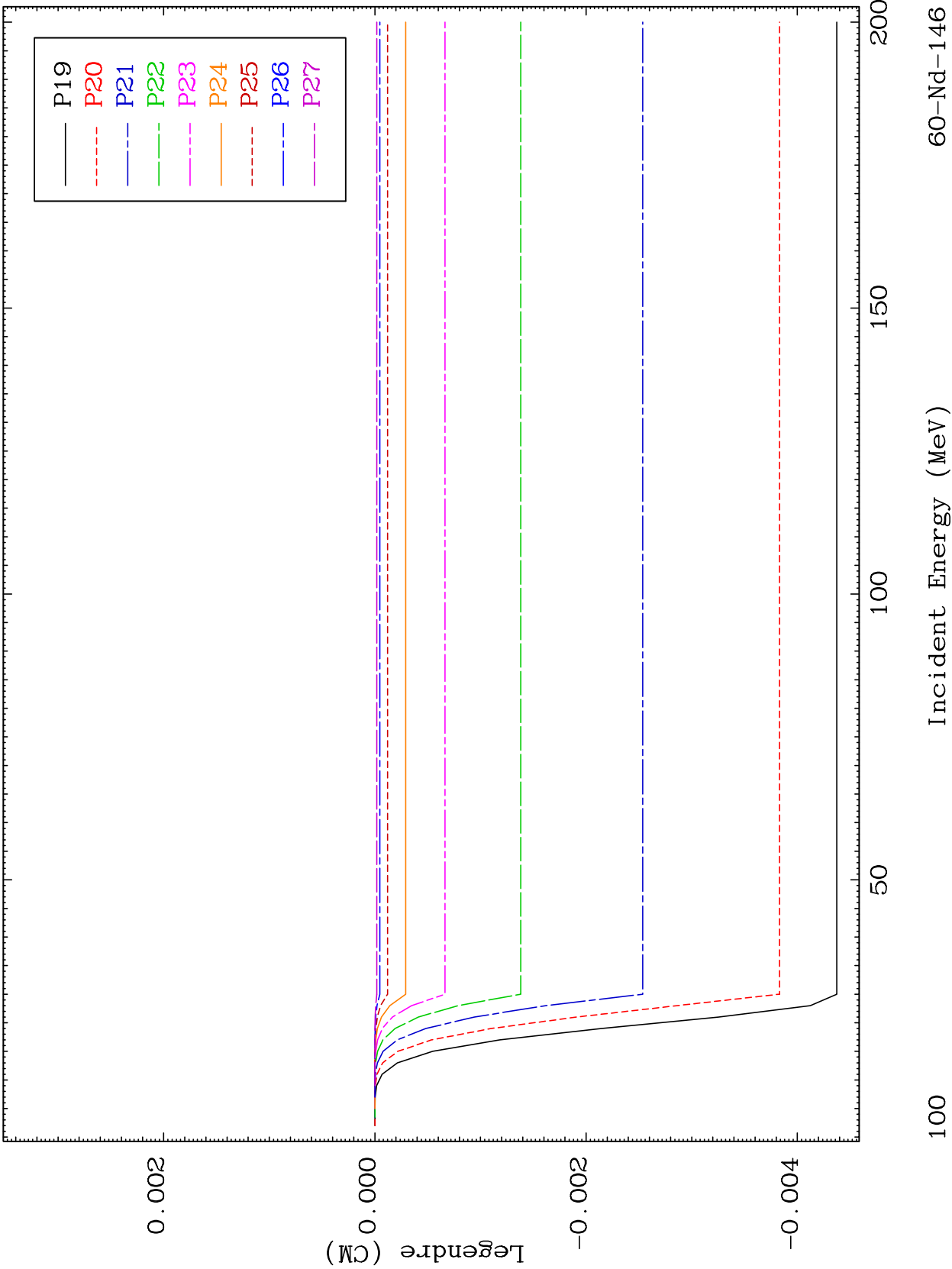
Incident Energy (MeV)

99

MAT 6037

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

60-Nd-146



60-Nd-146

Incident Energy (MeV)

100

50

100

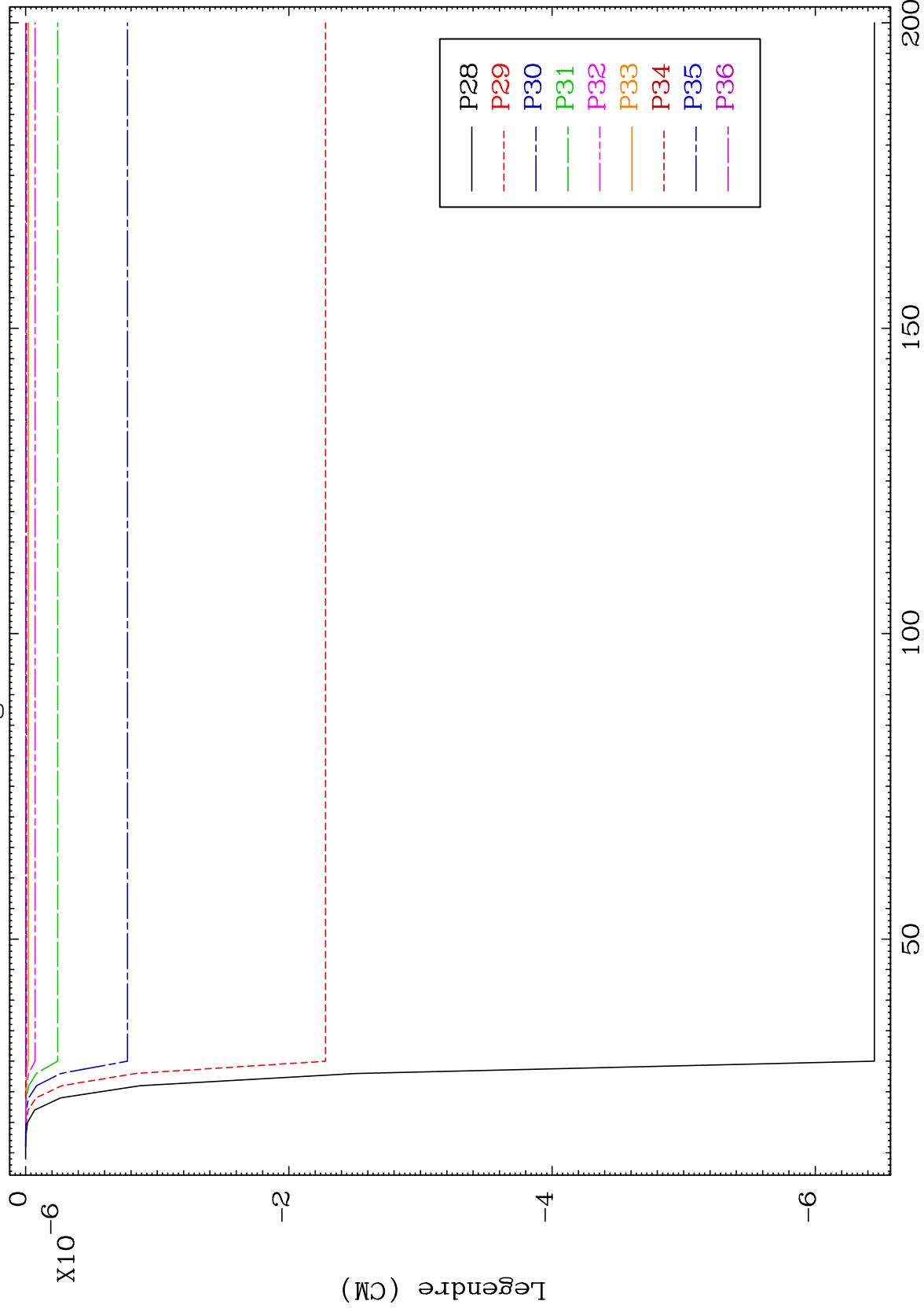
150

200

MAT 6037

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

60-Nd-146



101

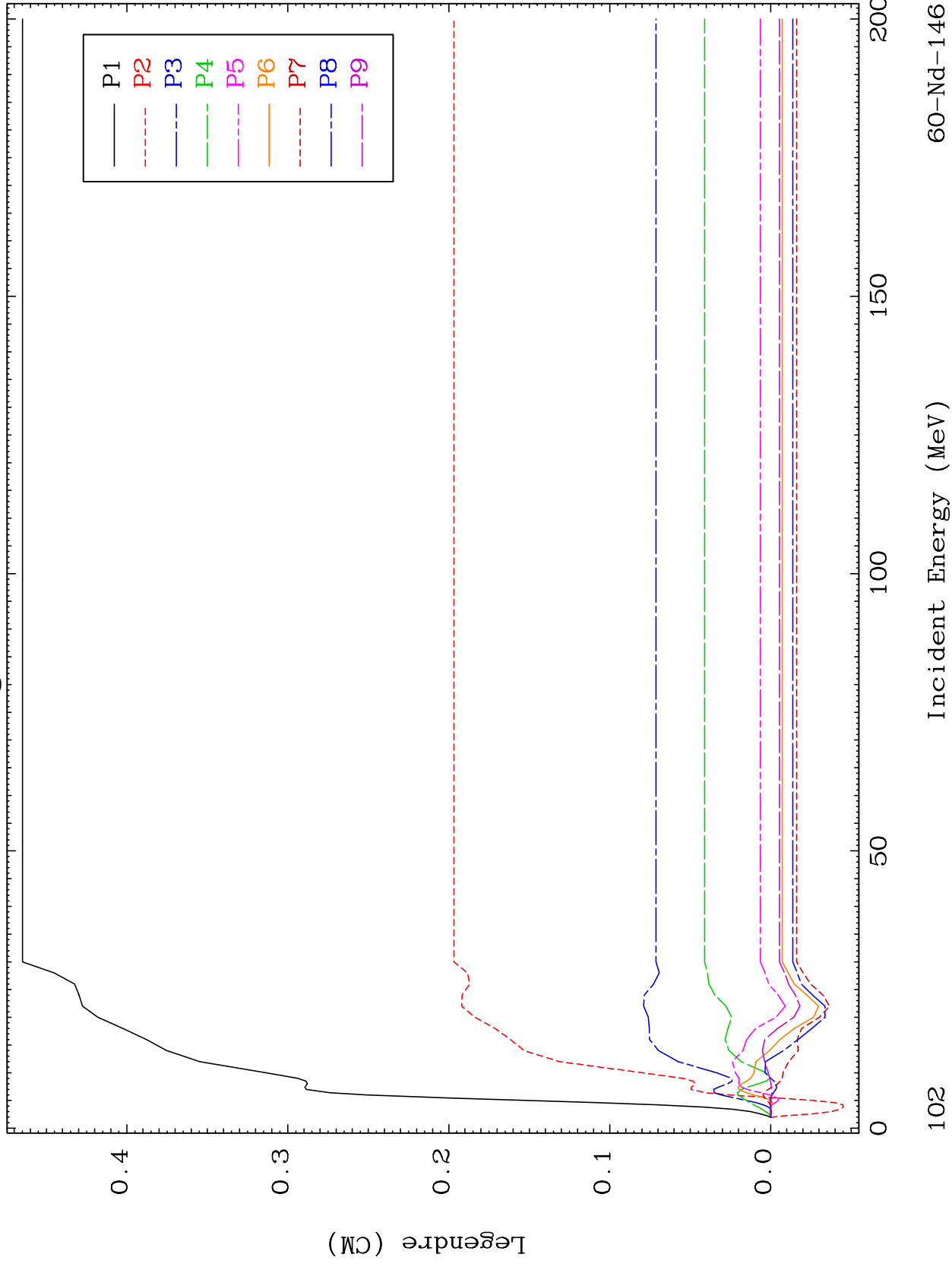
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

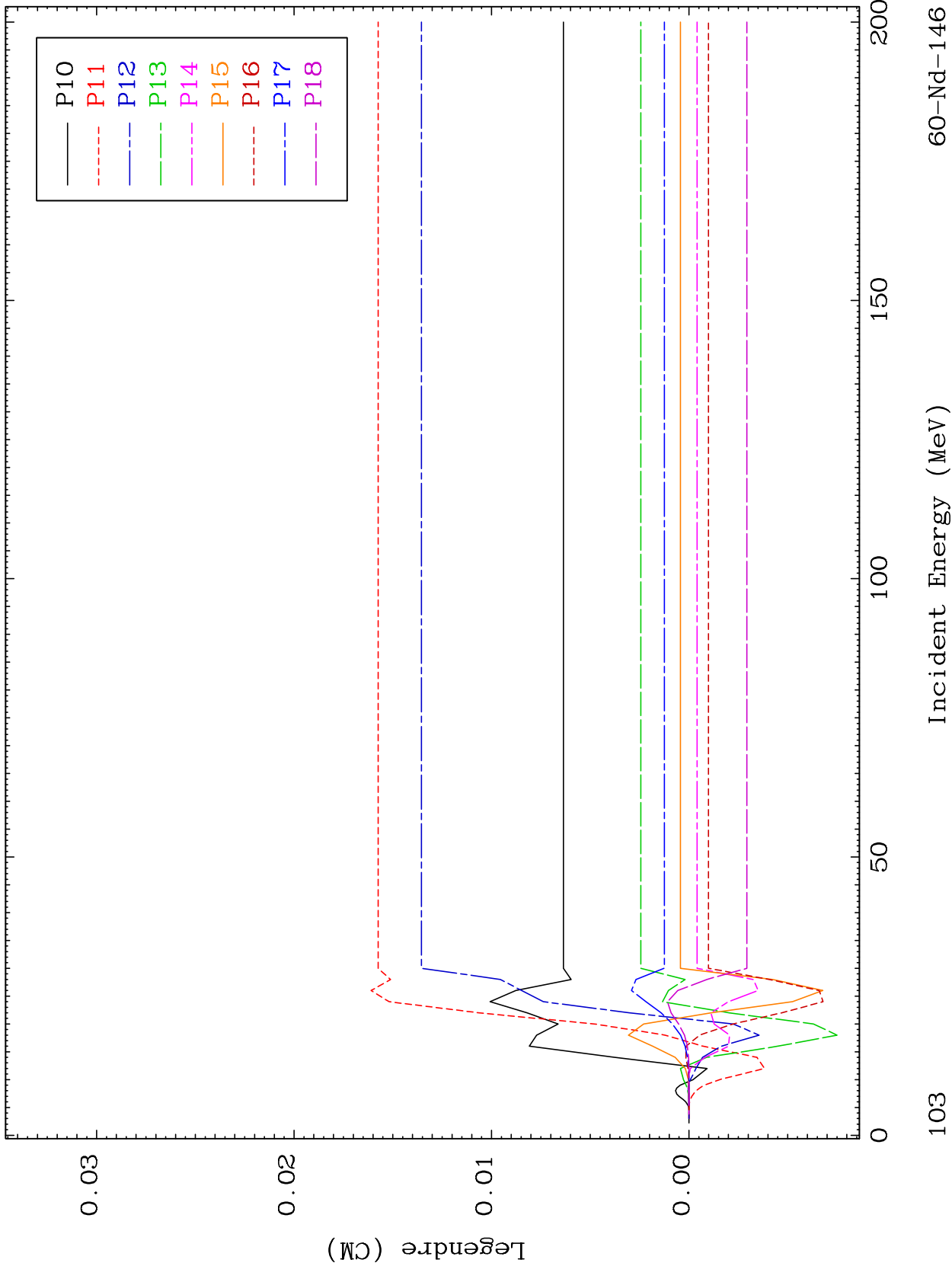
Incident Energy (MeV)

102

MAT 6037

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

60-Nd-146



60-Nd-146

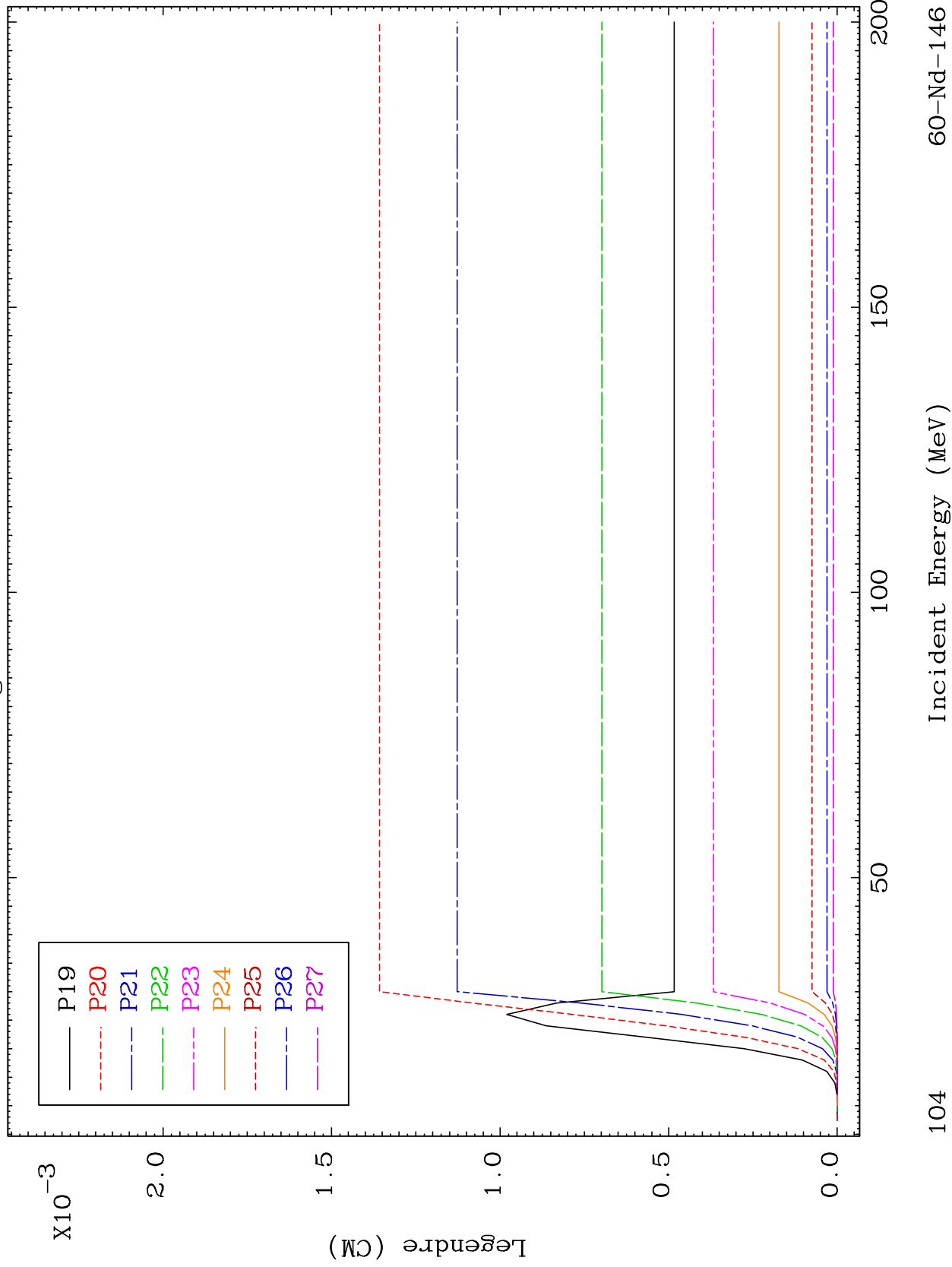
Incident Energy (MeV)

103

MAT 6037

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

60-Nd-146



104

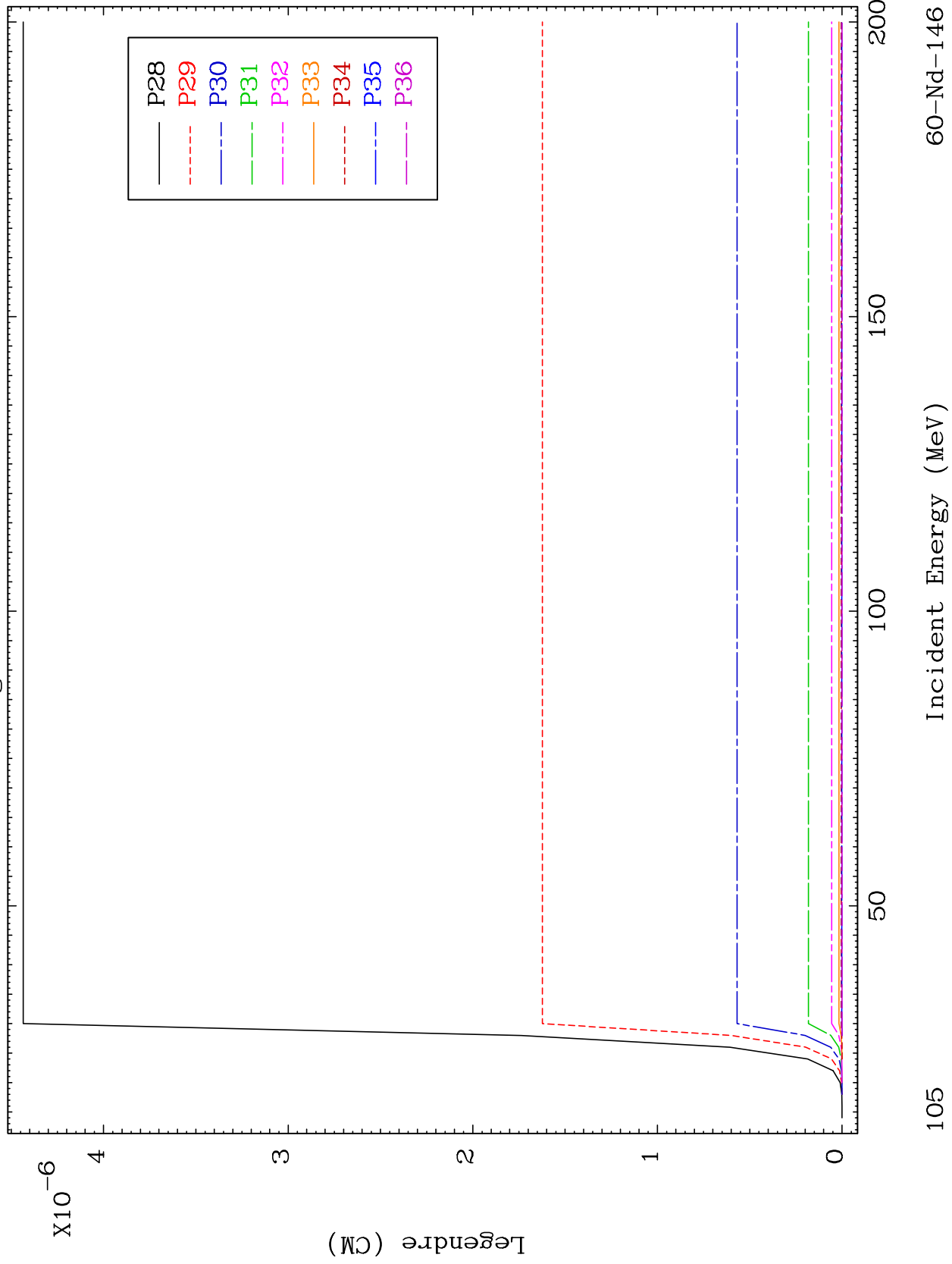
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

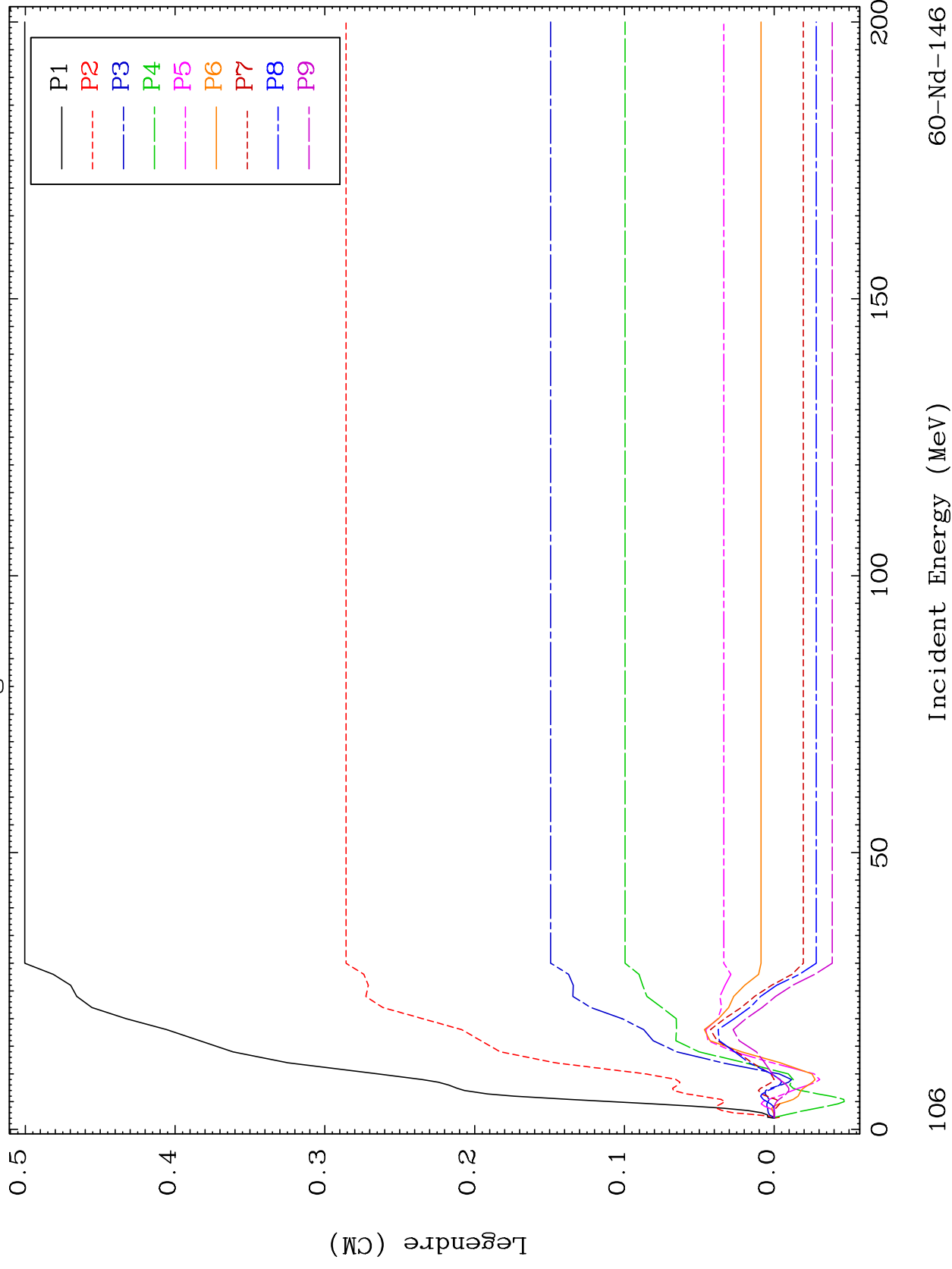
Incident Energy (MeV)

105

MAT 6037

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

60-Nd-146



60-Nd-146

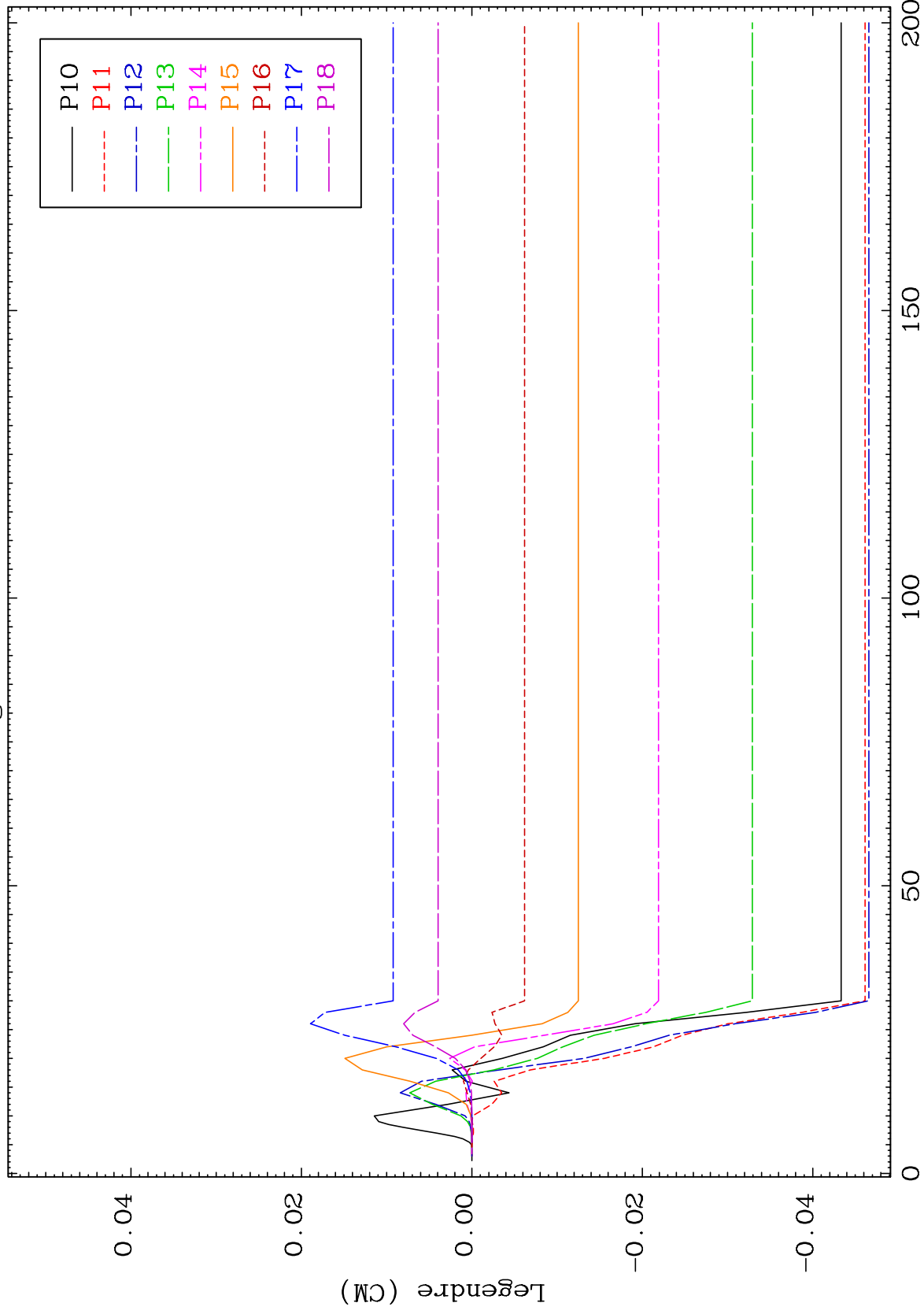
Incident Energy (MeV)

106

MAT 6037

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

60-Nd-146



107

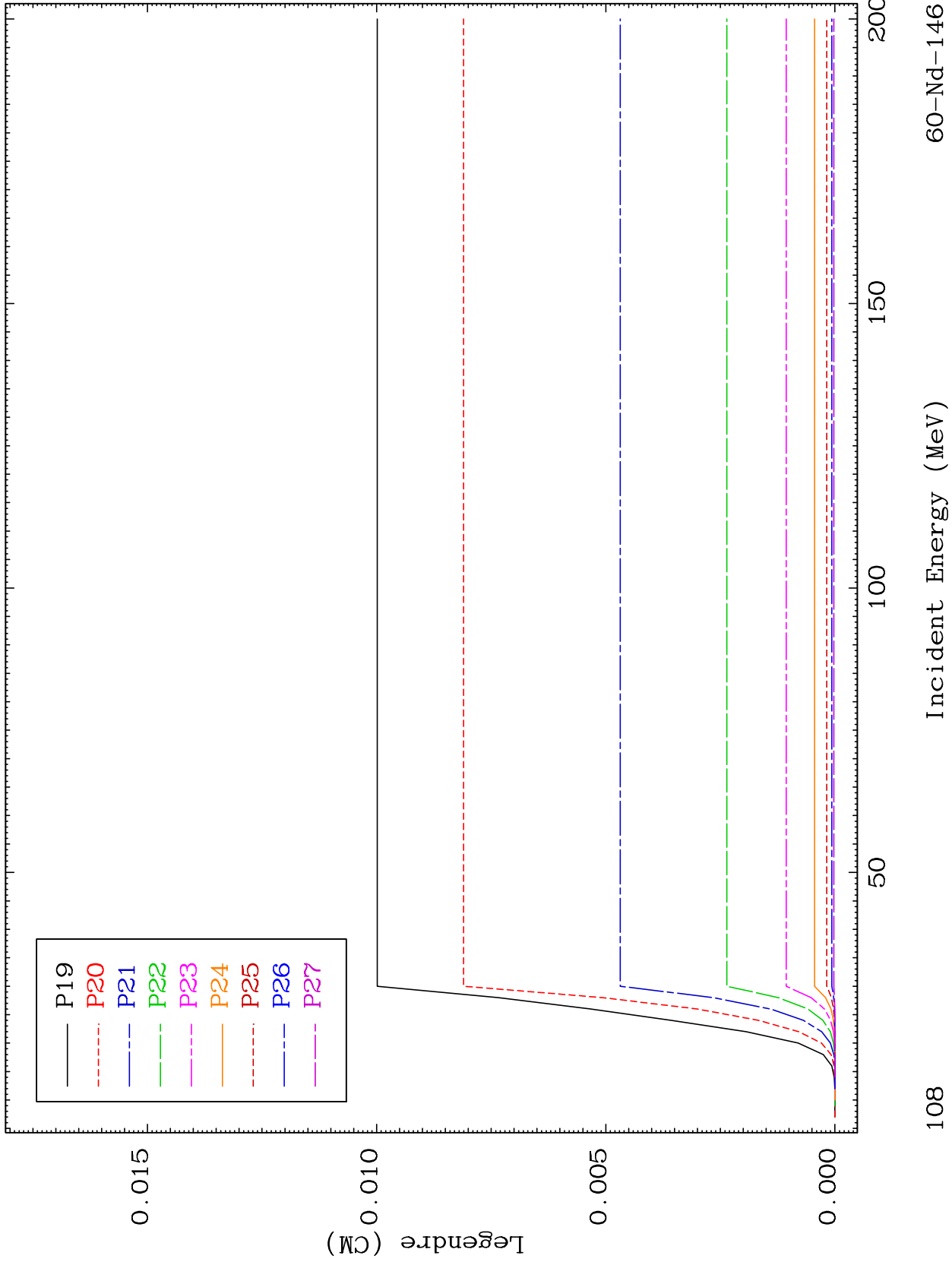
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



108

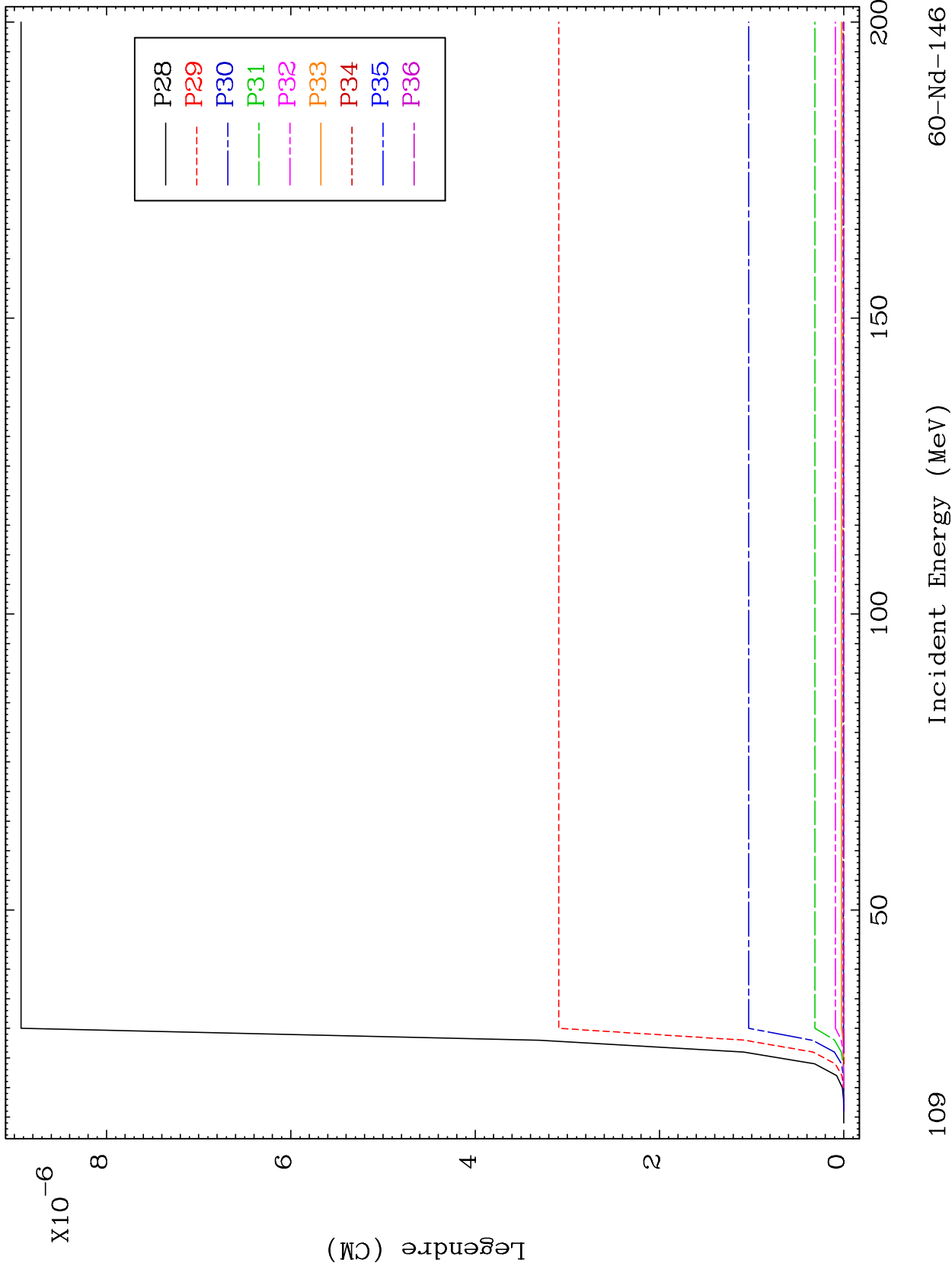
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

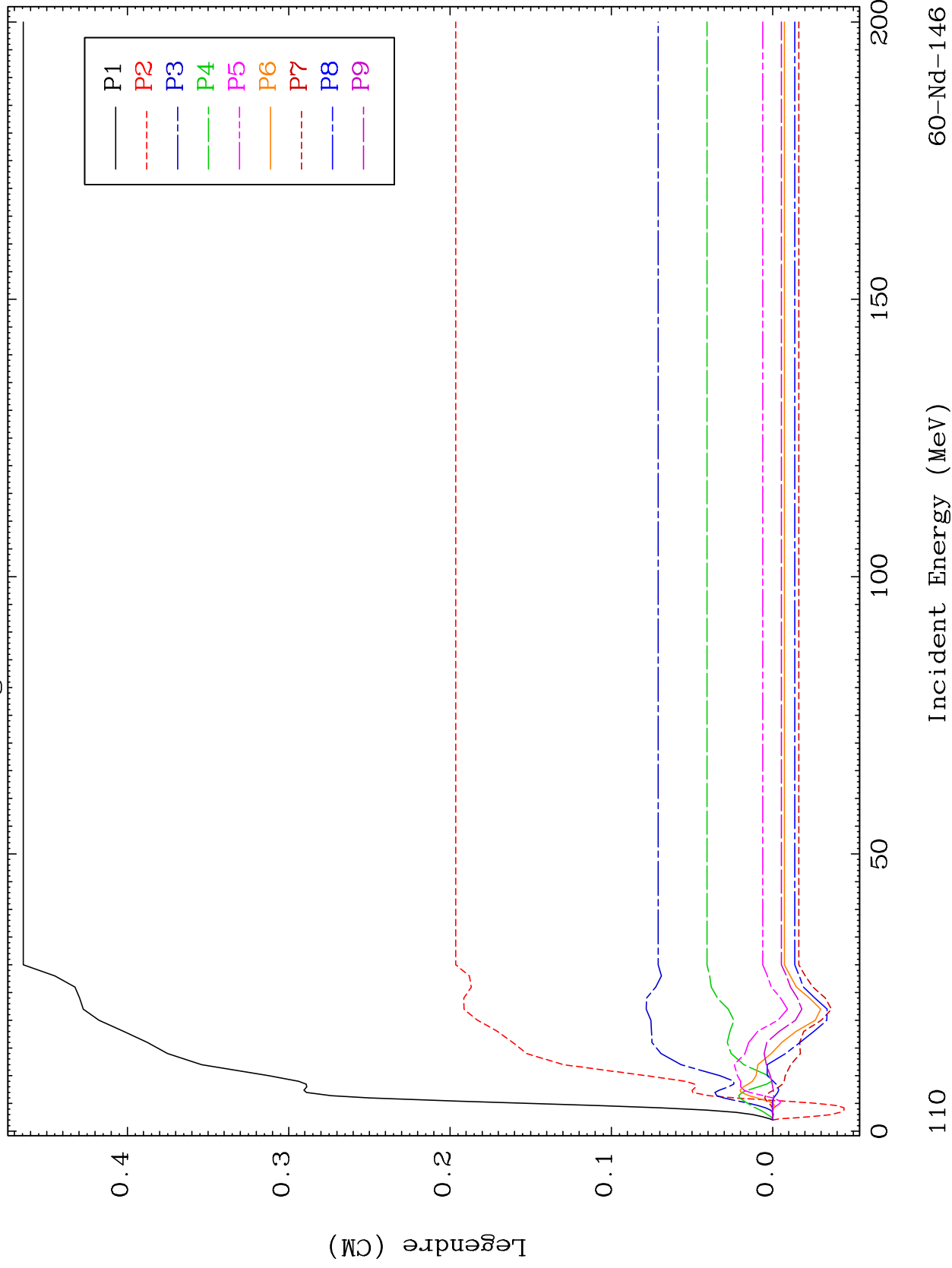
Incident Energy (MeV)

109

MAT 6037

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

60-Nd-146



60-Nd-146

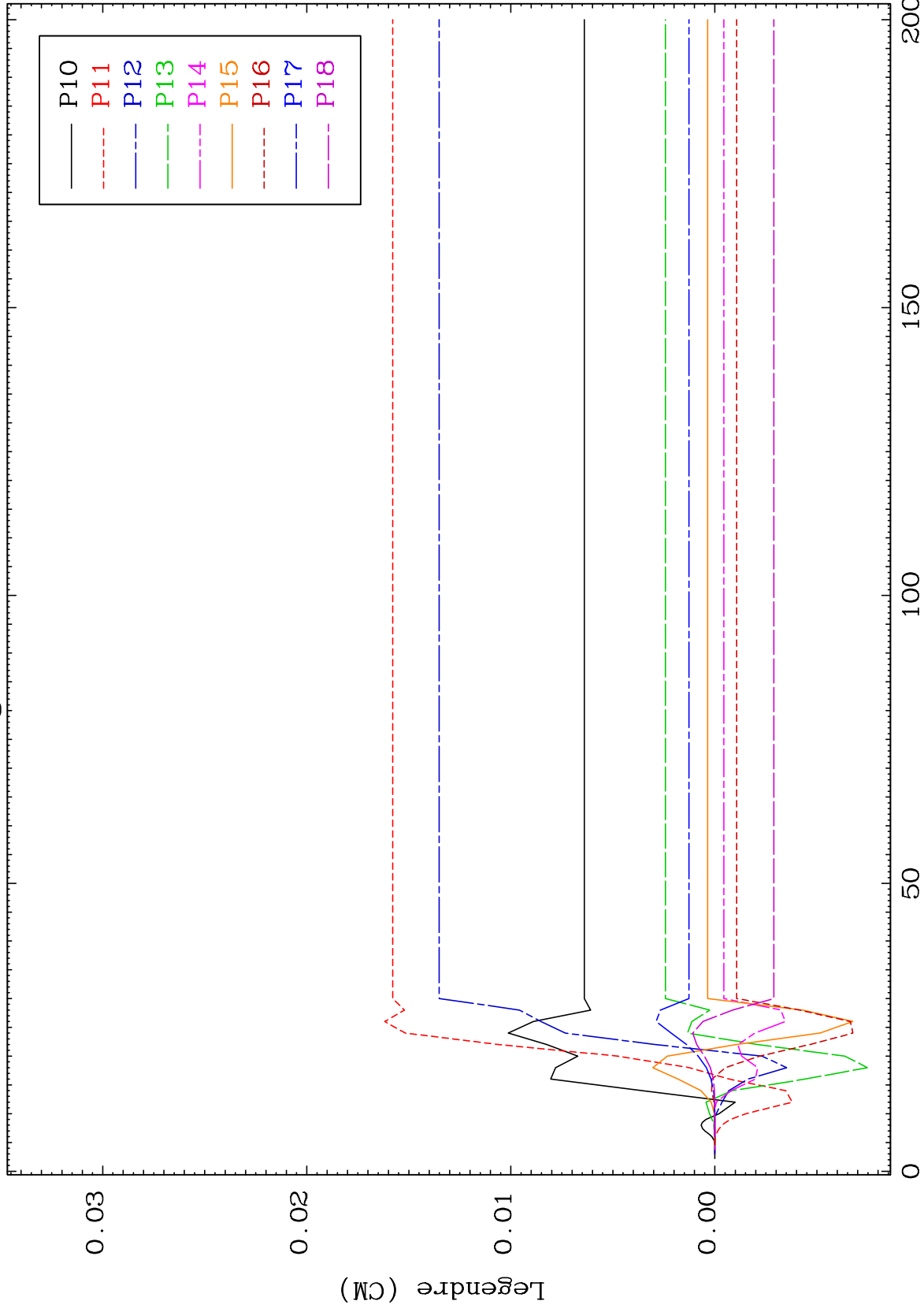
Incident Energy (MeV)

0

MAT 6037

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

60-Nd-146



111

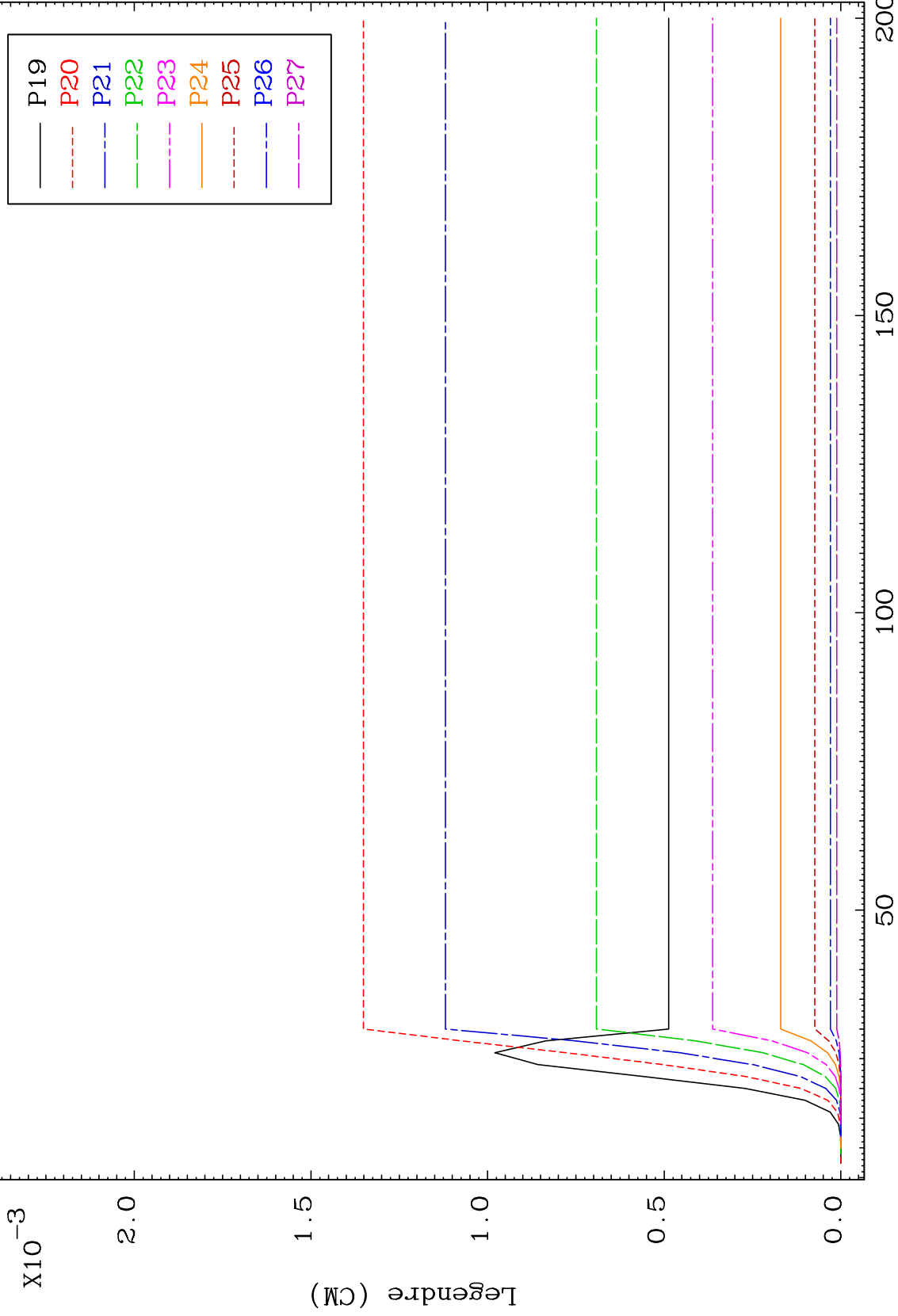
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



112

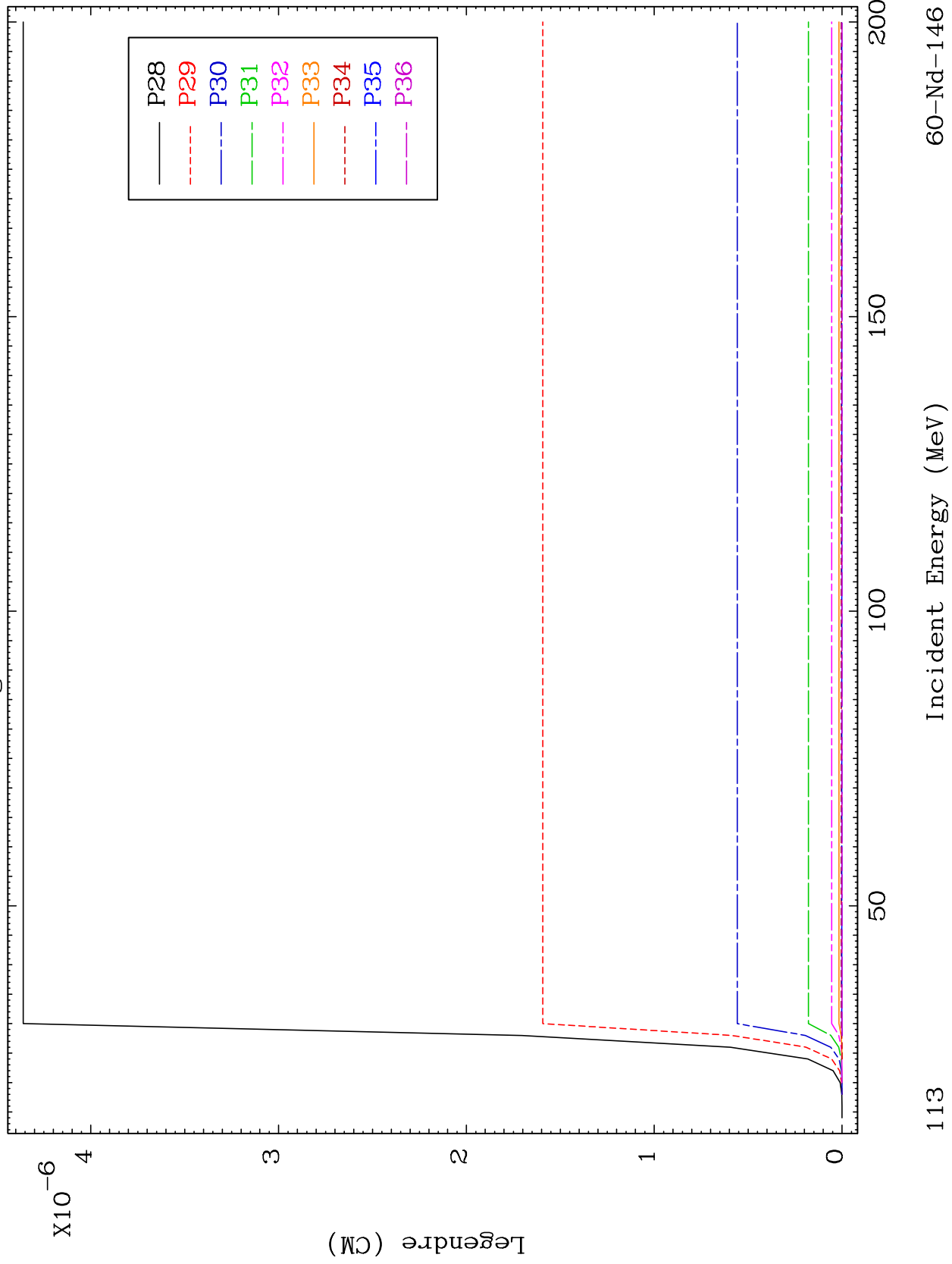
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146

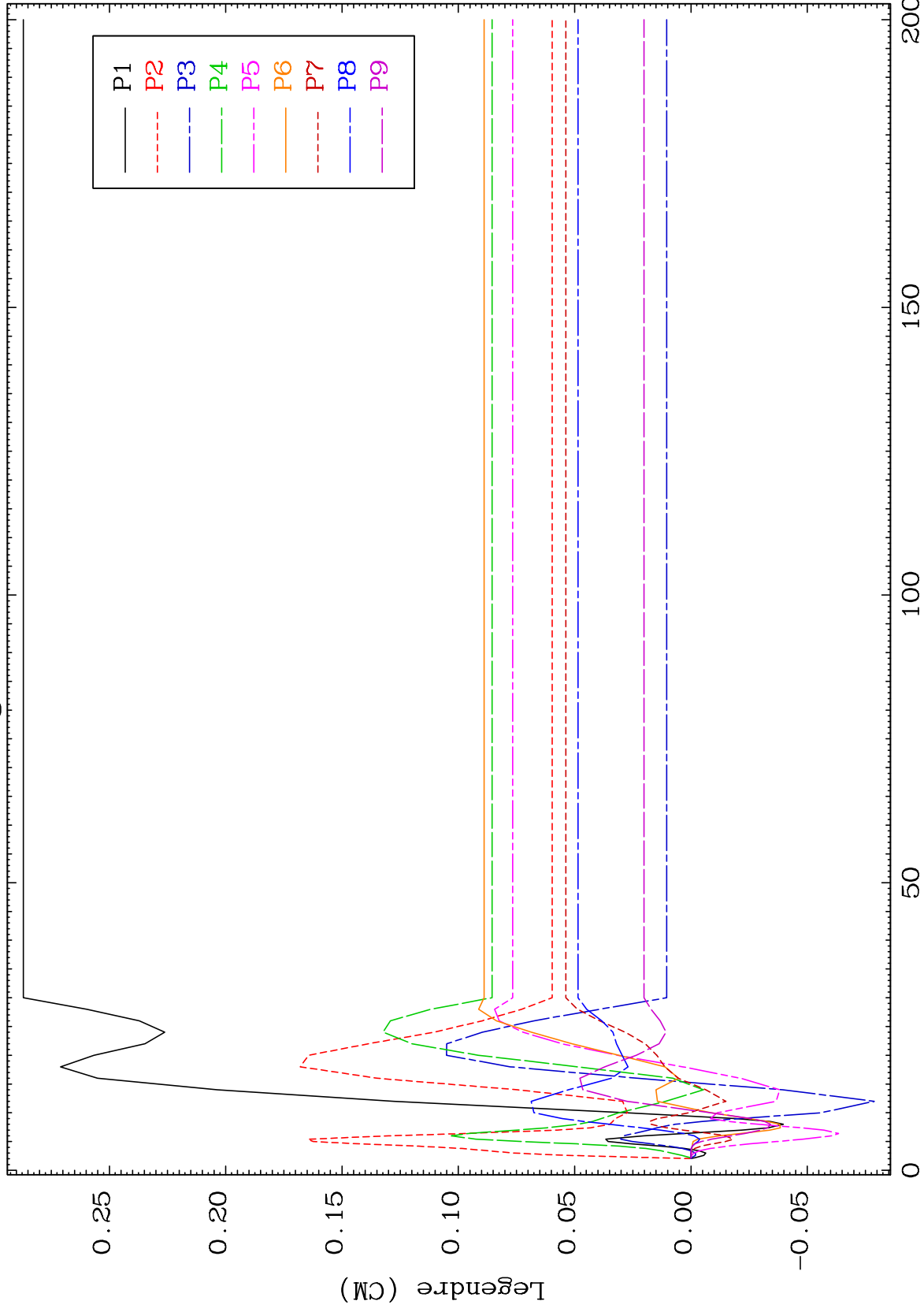


113

MAT 6037

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

60-Nd-146



114

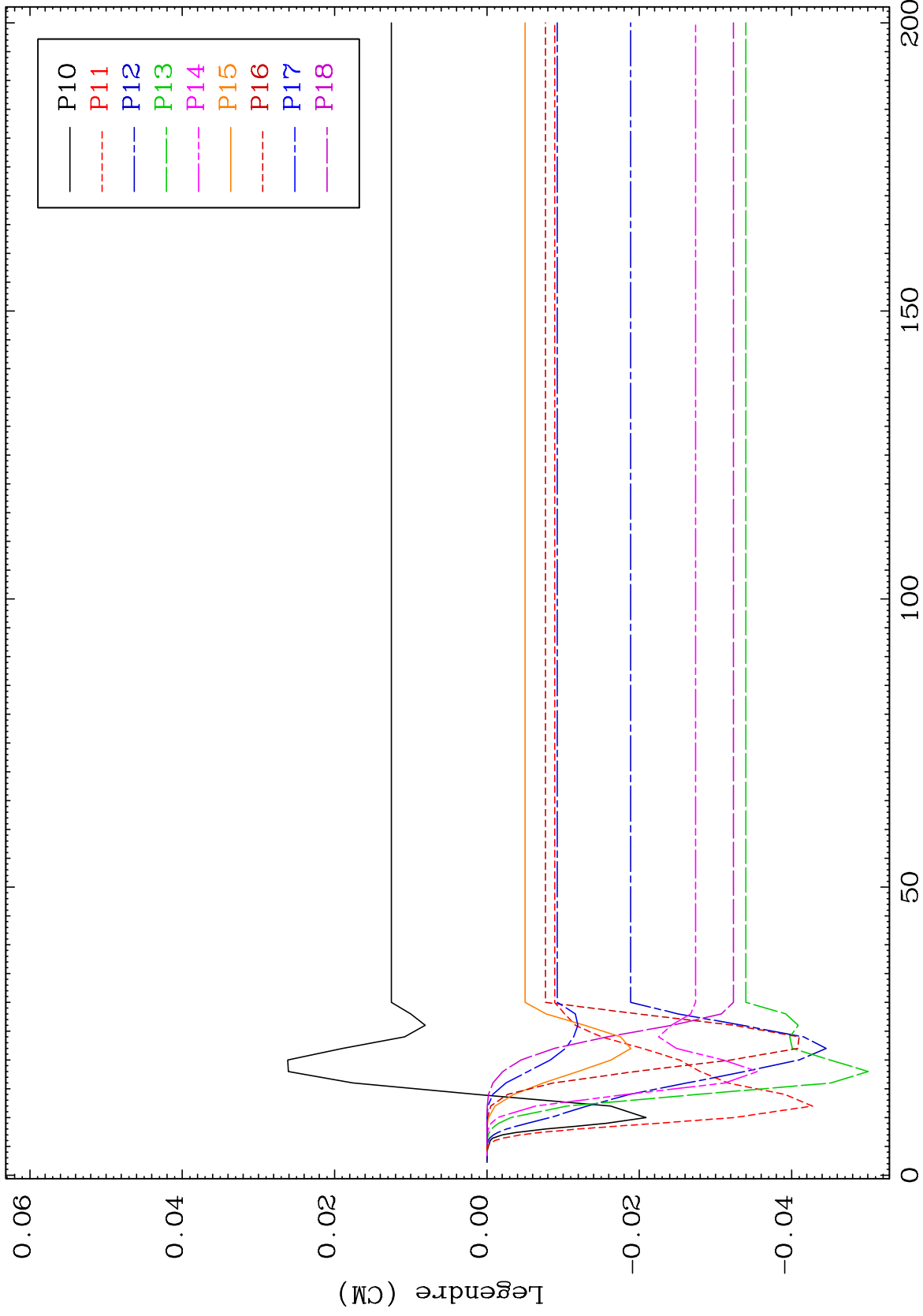
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



115

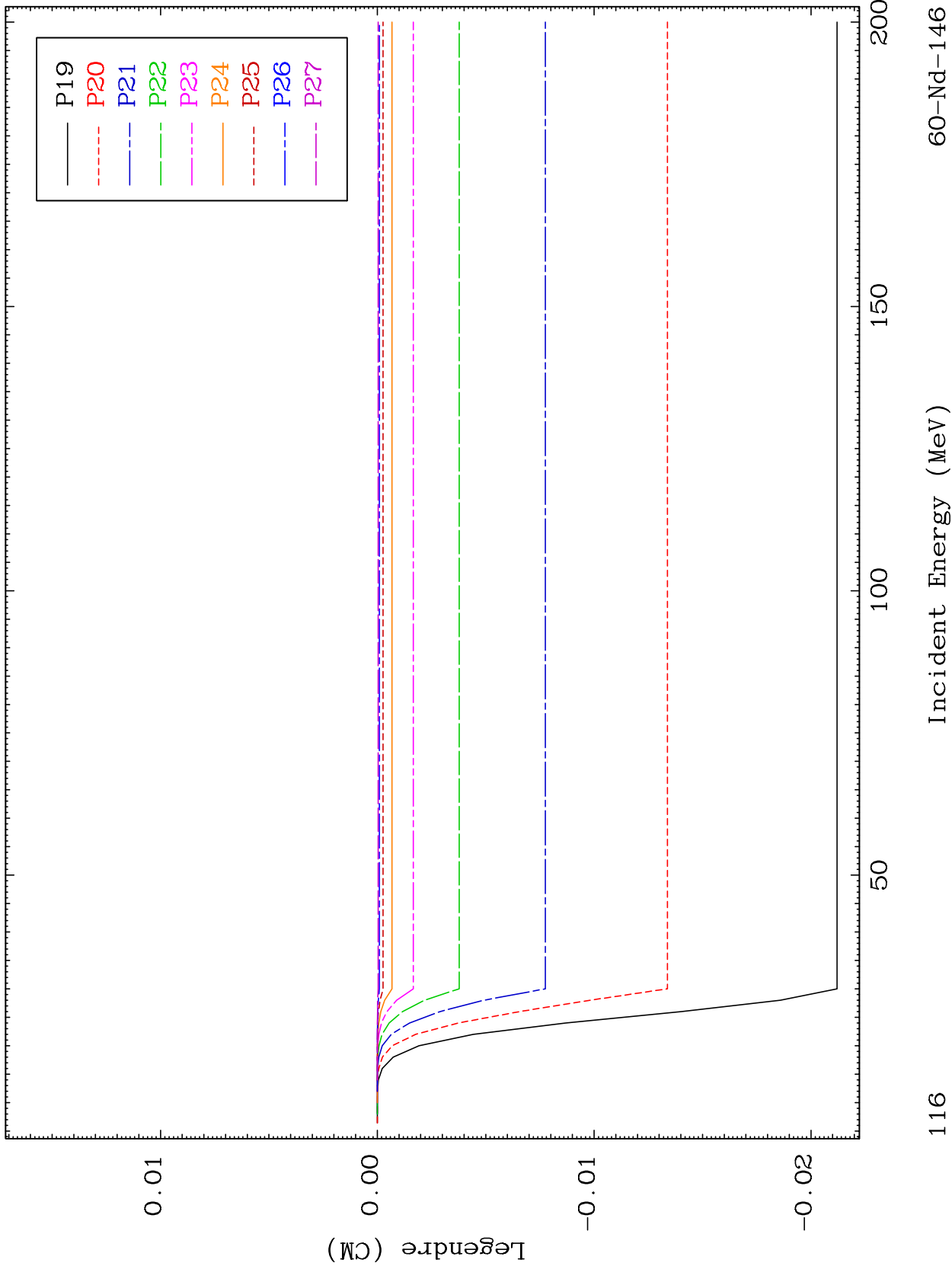
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

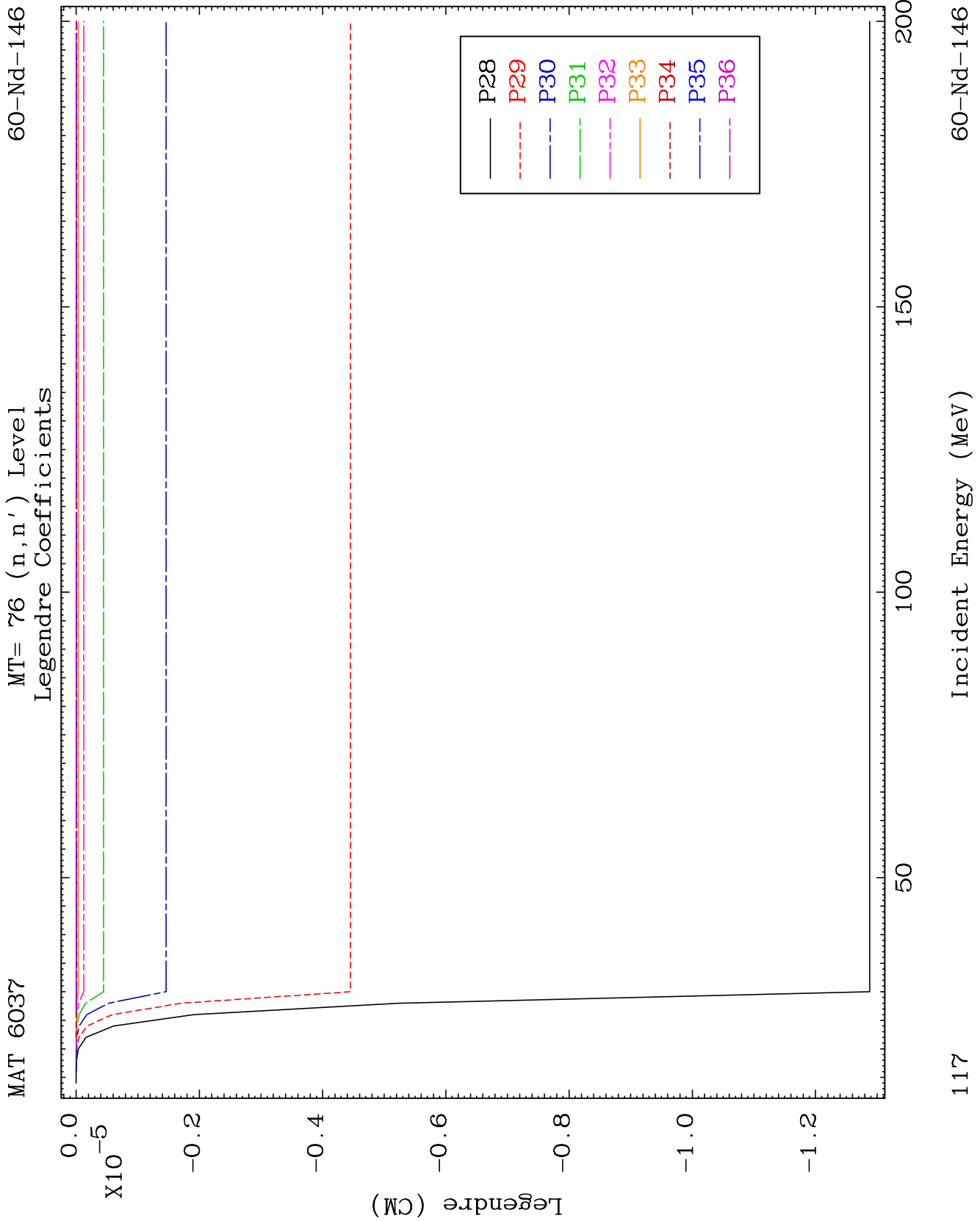
60-Nd-146



116

Incident Energy (MeV)

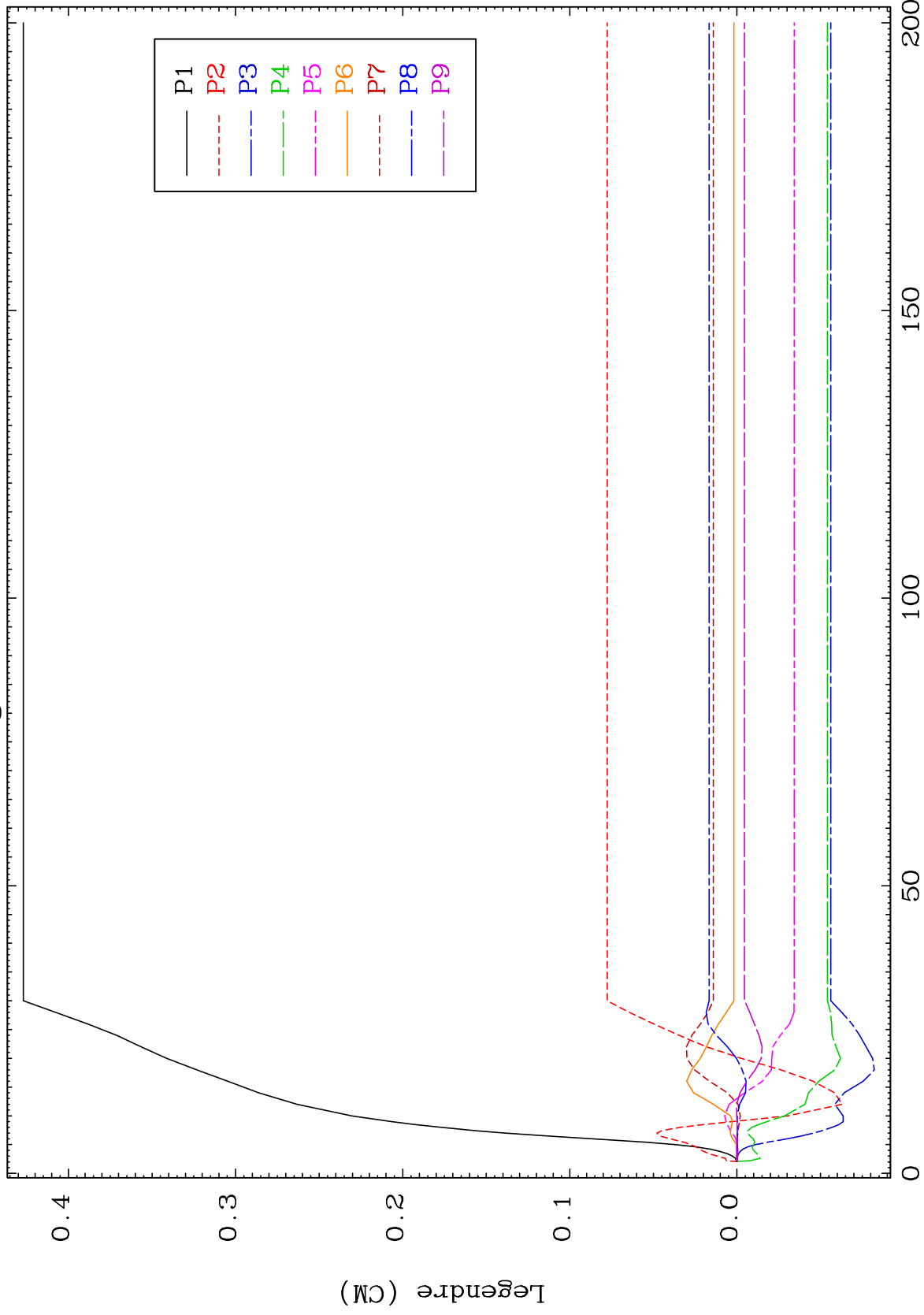
60-Nd-146



MAT 6037

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

60-Nd-146



60-Nd-146

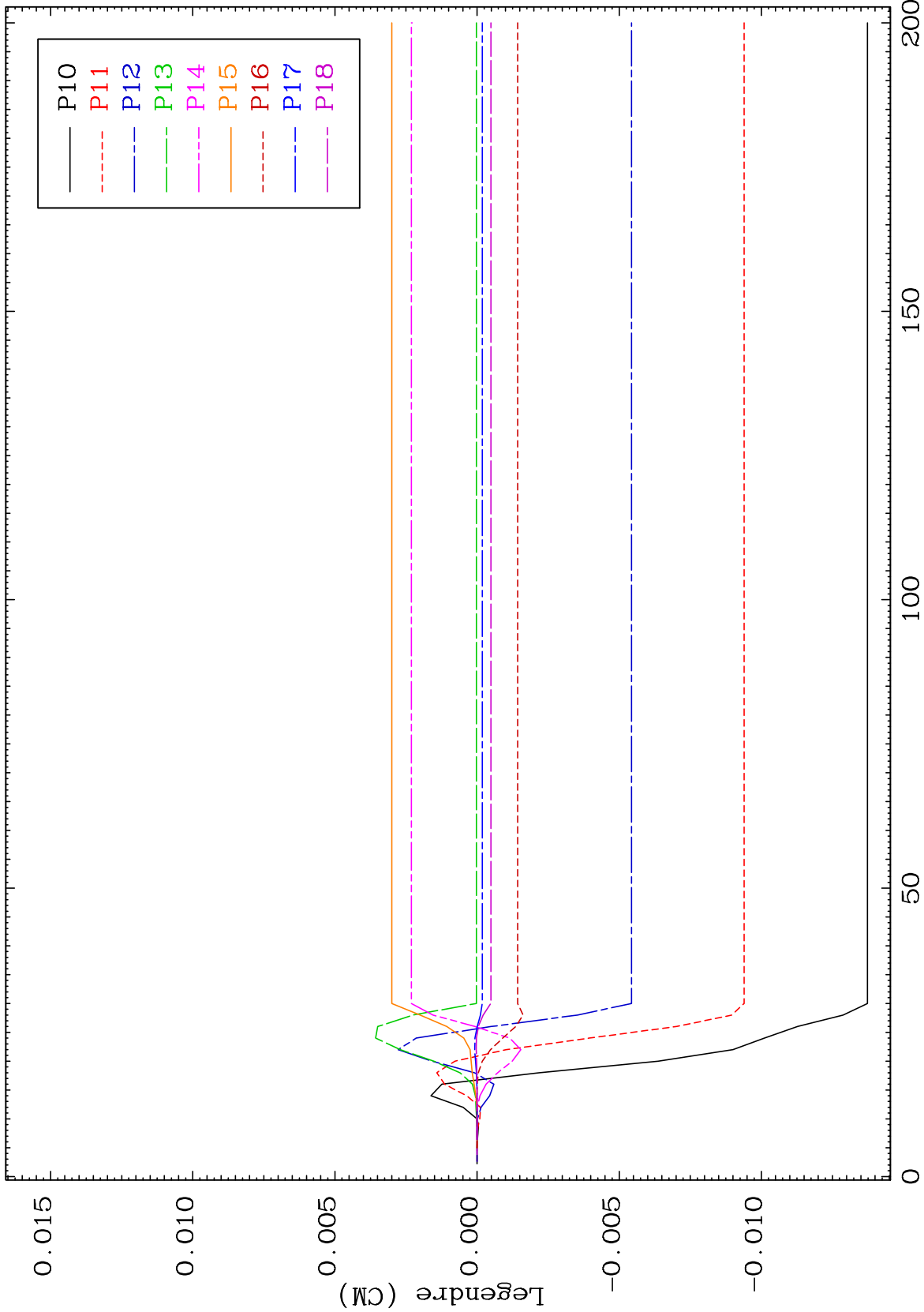
Incident Energy (MeV)

118

MAT 6037

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

60-Nd-146



119

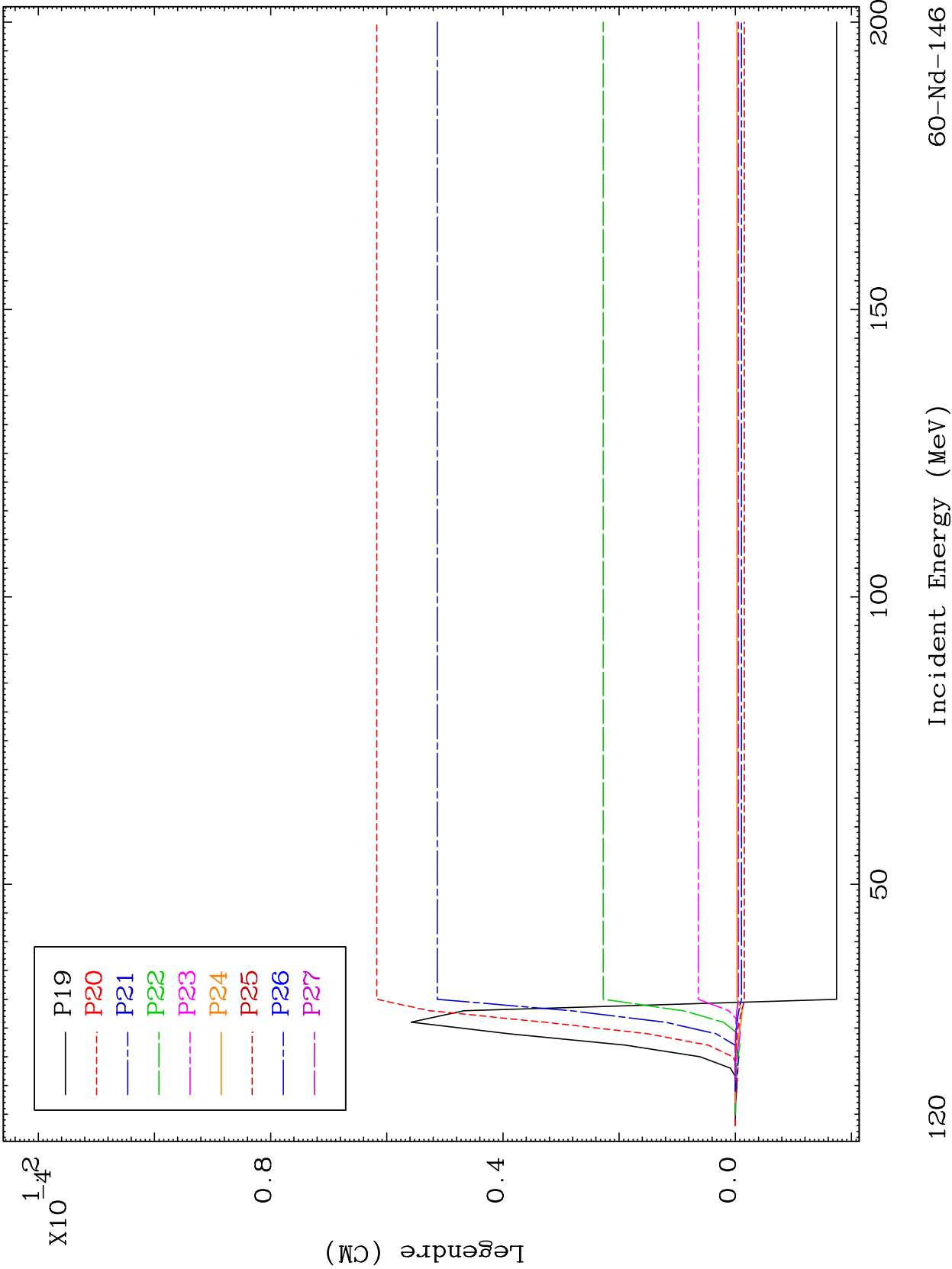
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

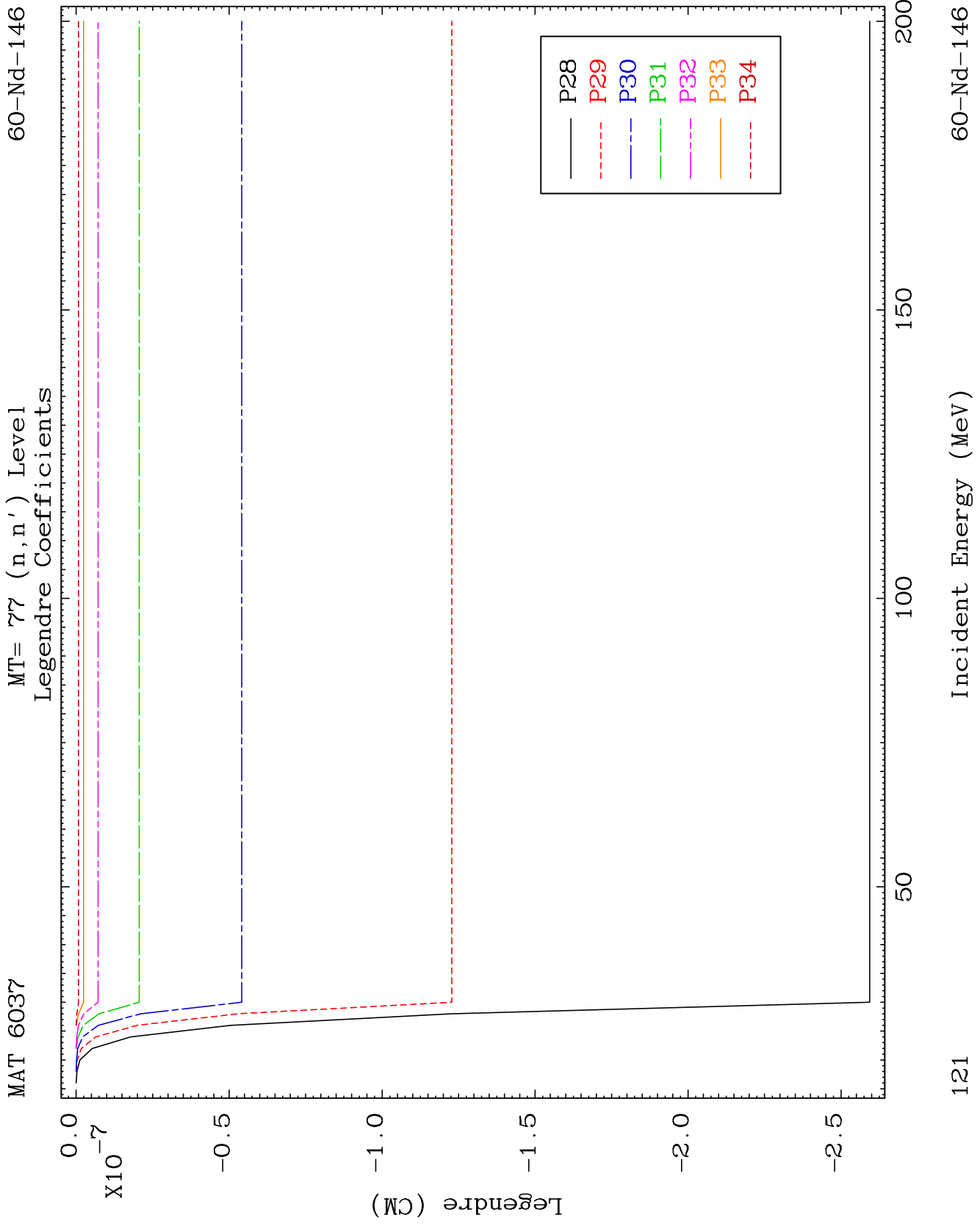
60-Nd-146



120

Incident Energy (MeV)

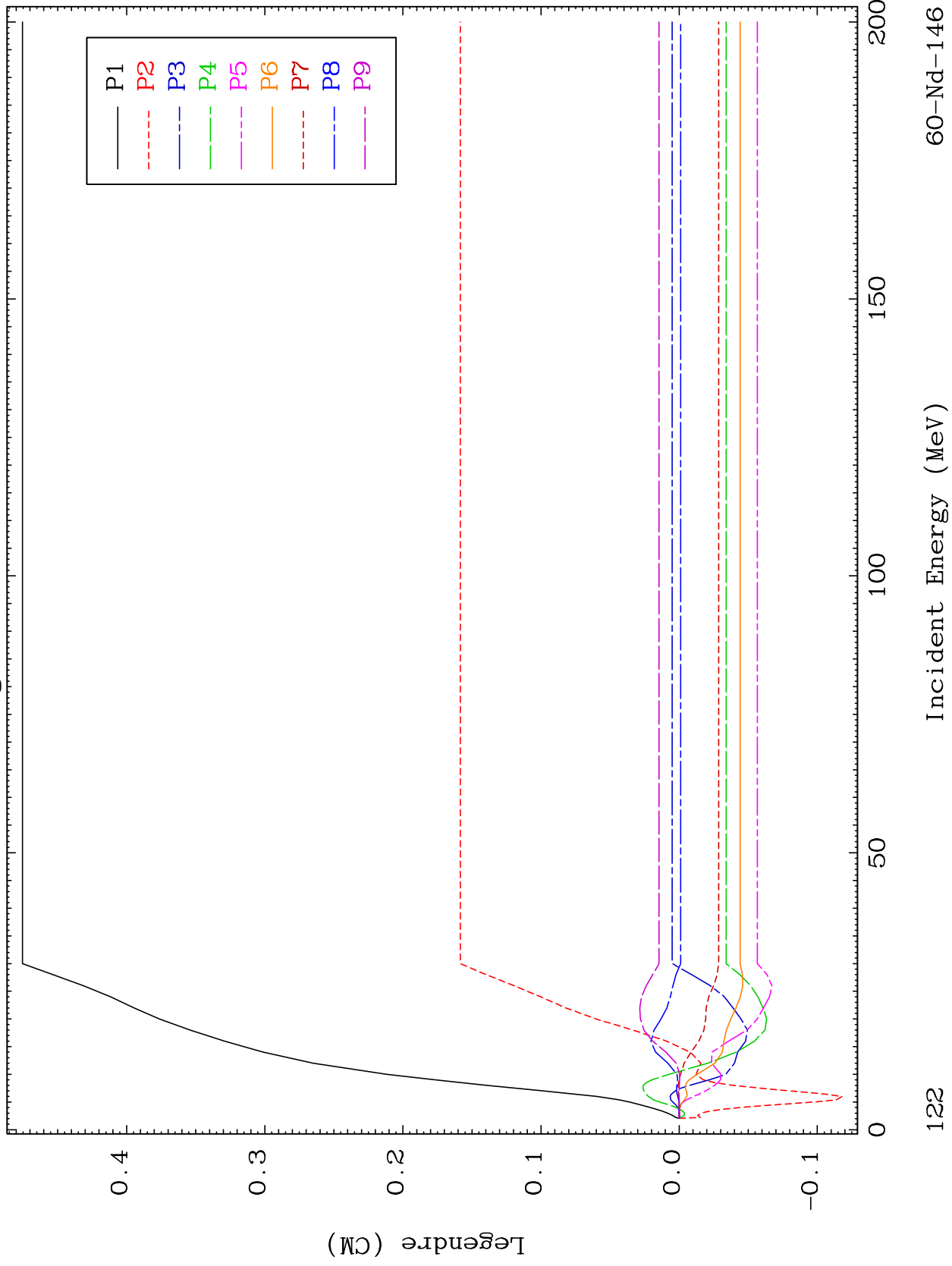
60-Nd-146



MAT 6037

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

60-Nd-146



60-Nd-146

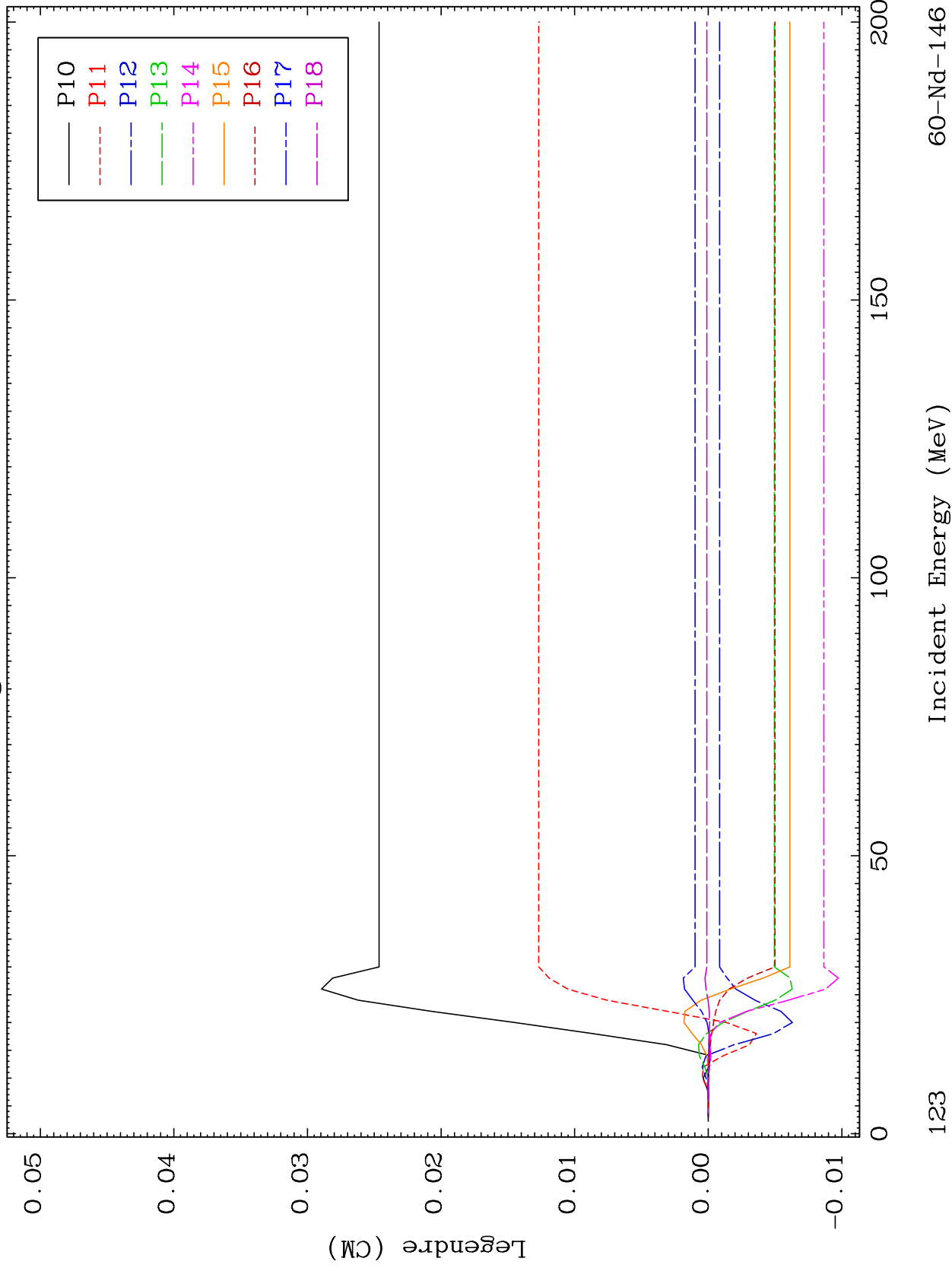
Incident Energy (MeV)

122

MAT 6037

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

60-Nd-146



123

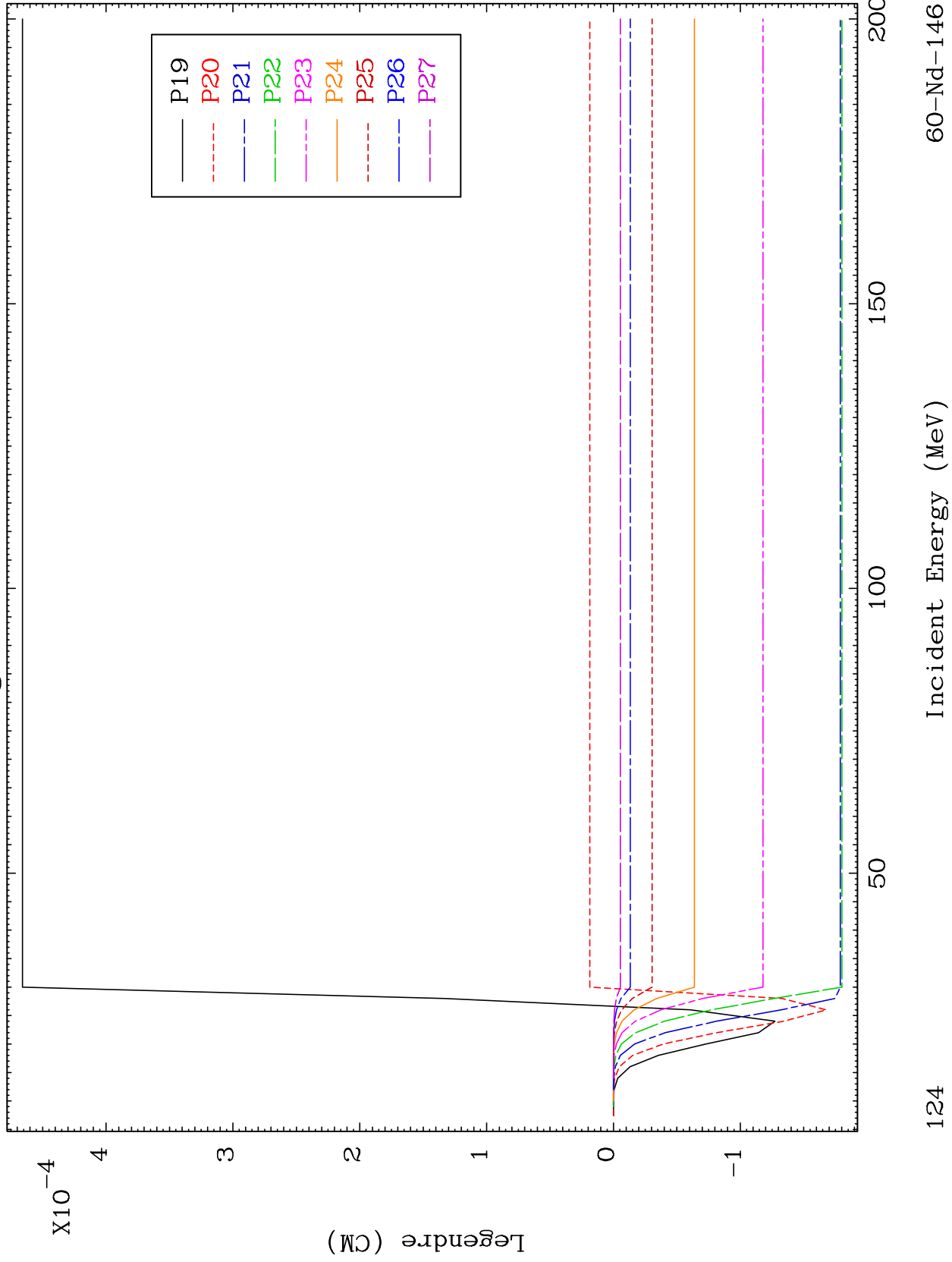
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



124

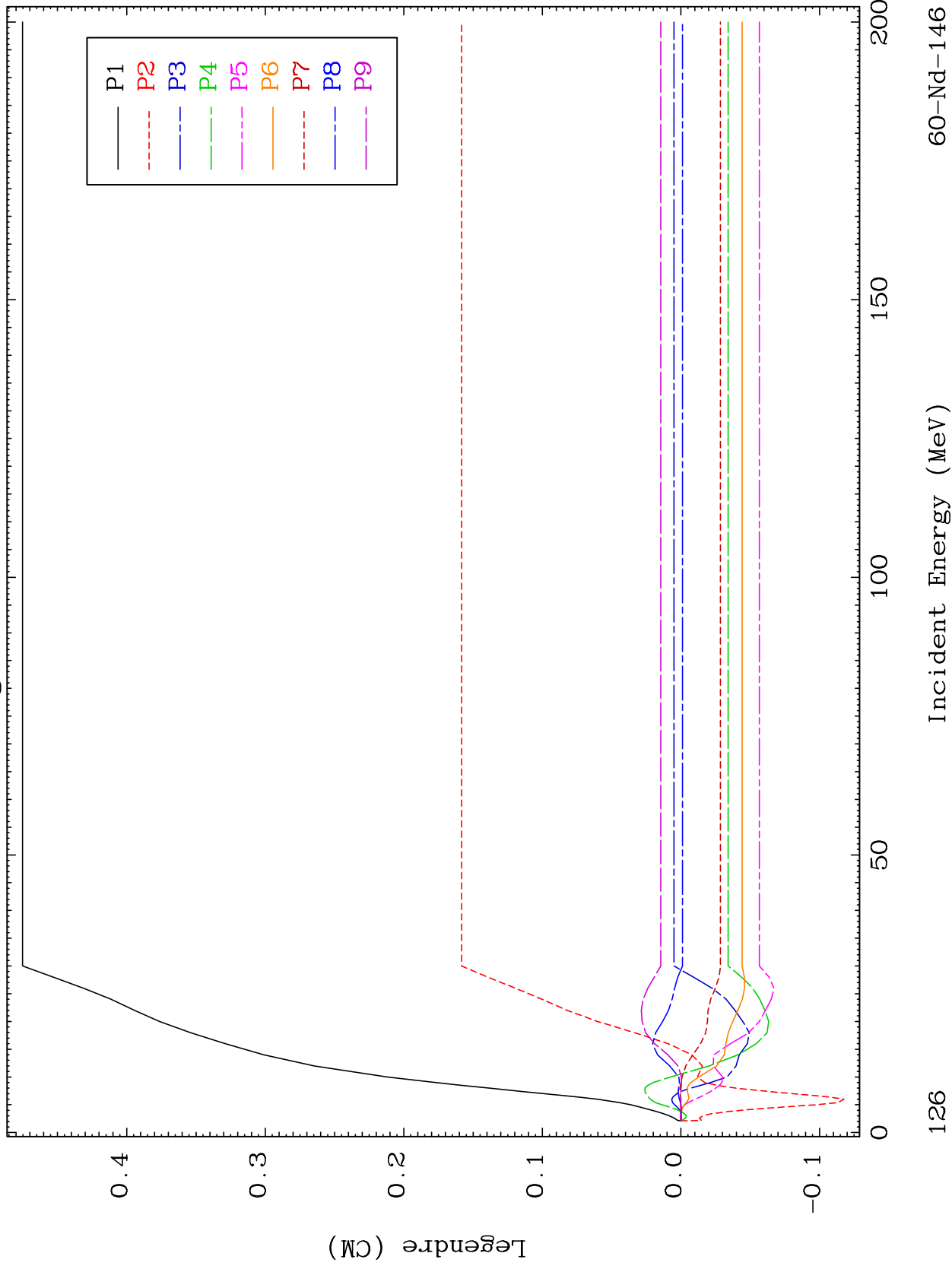
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

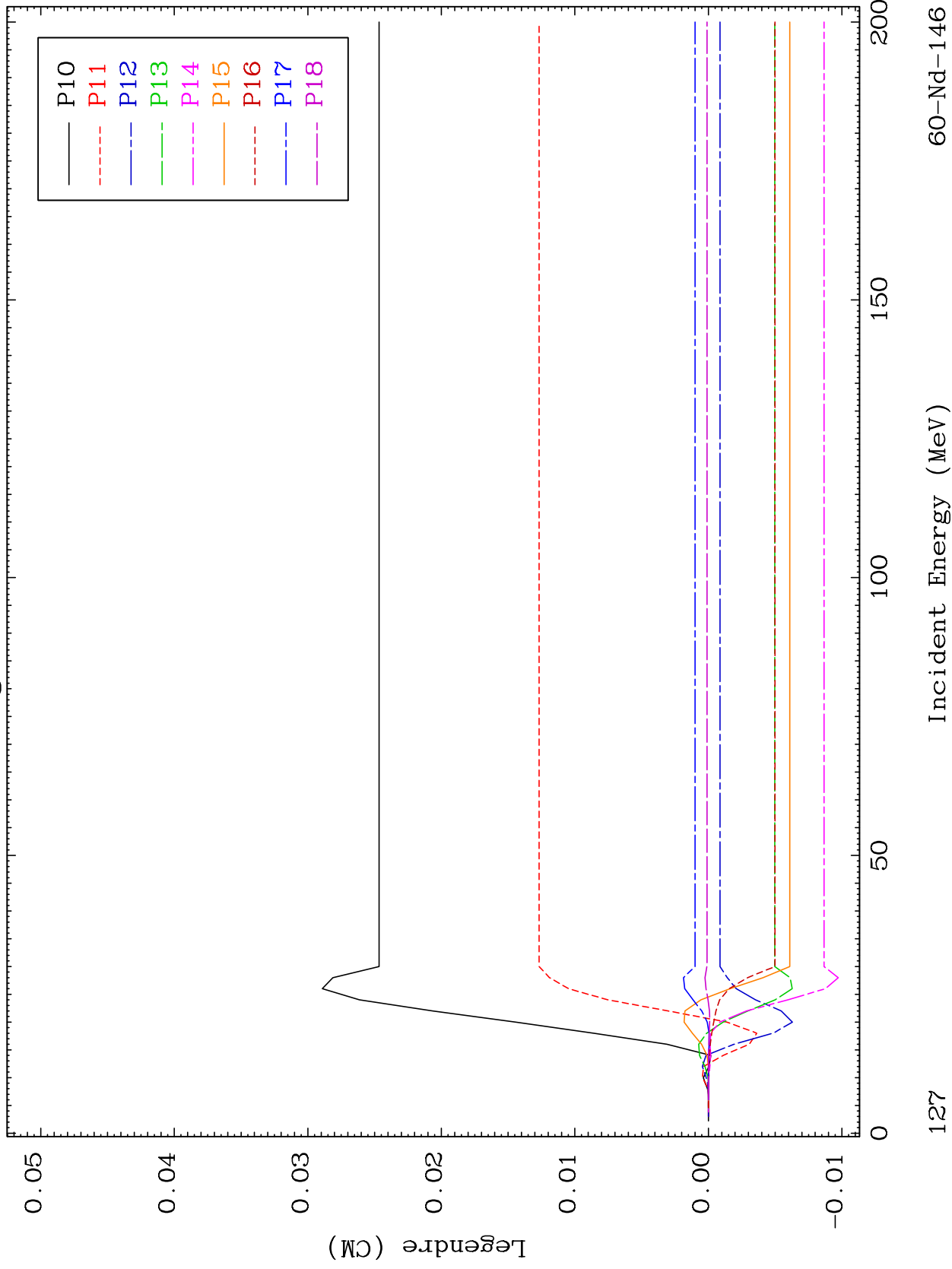
Incident Energy (MeV)

126

MAT 6037

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

60-Nd-146



127

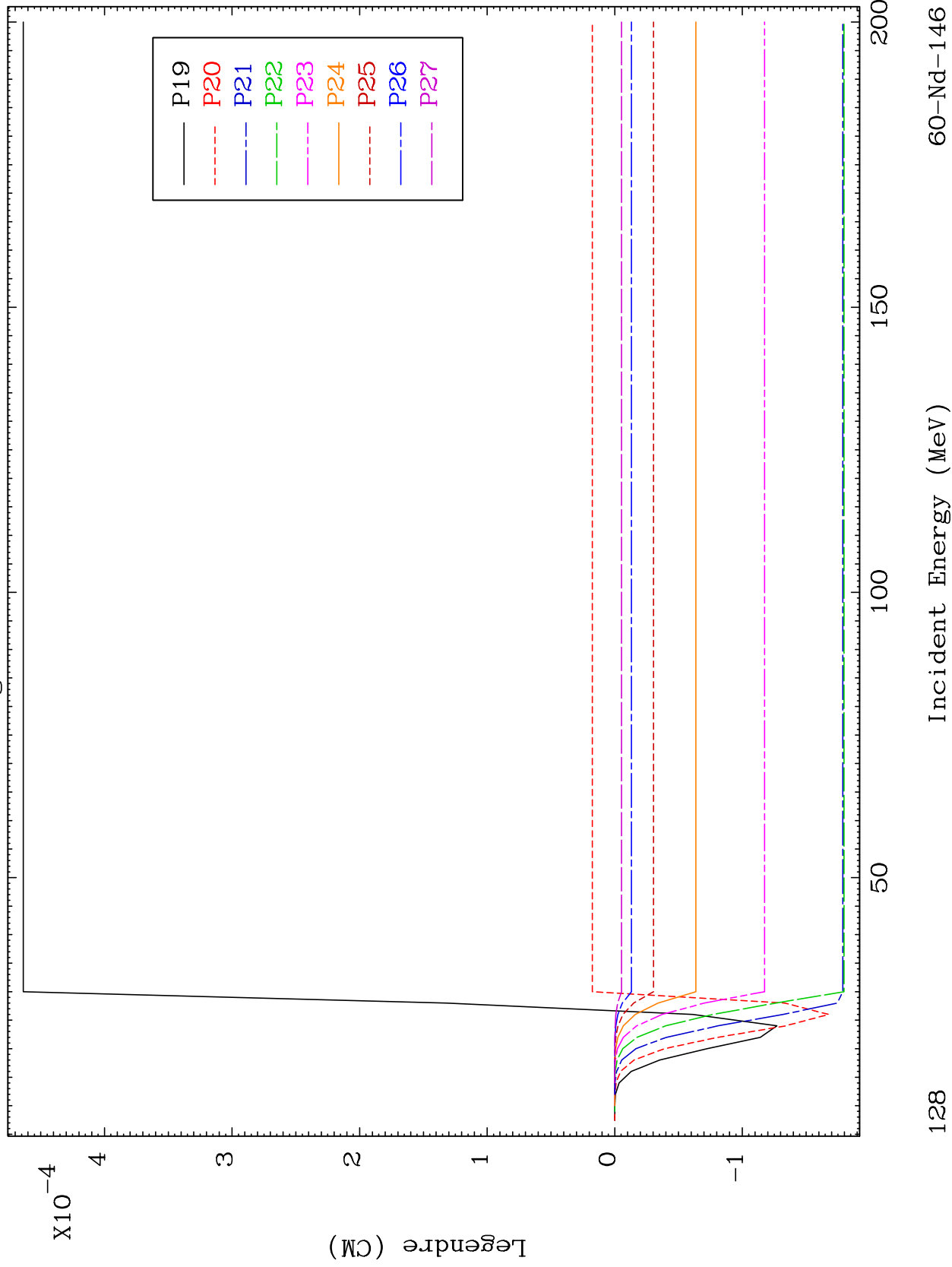
Incident Energy (MeV)

60-Nd-146

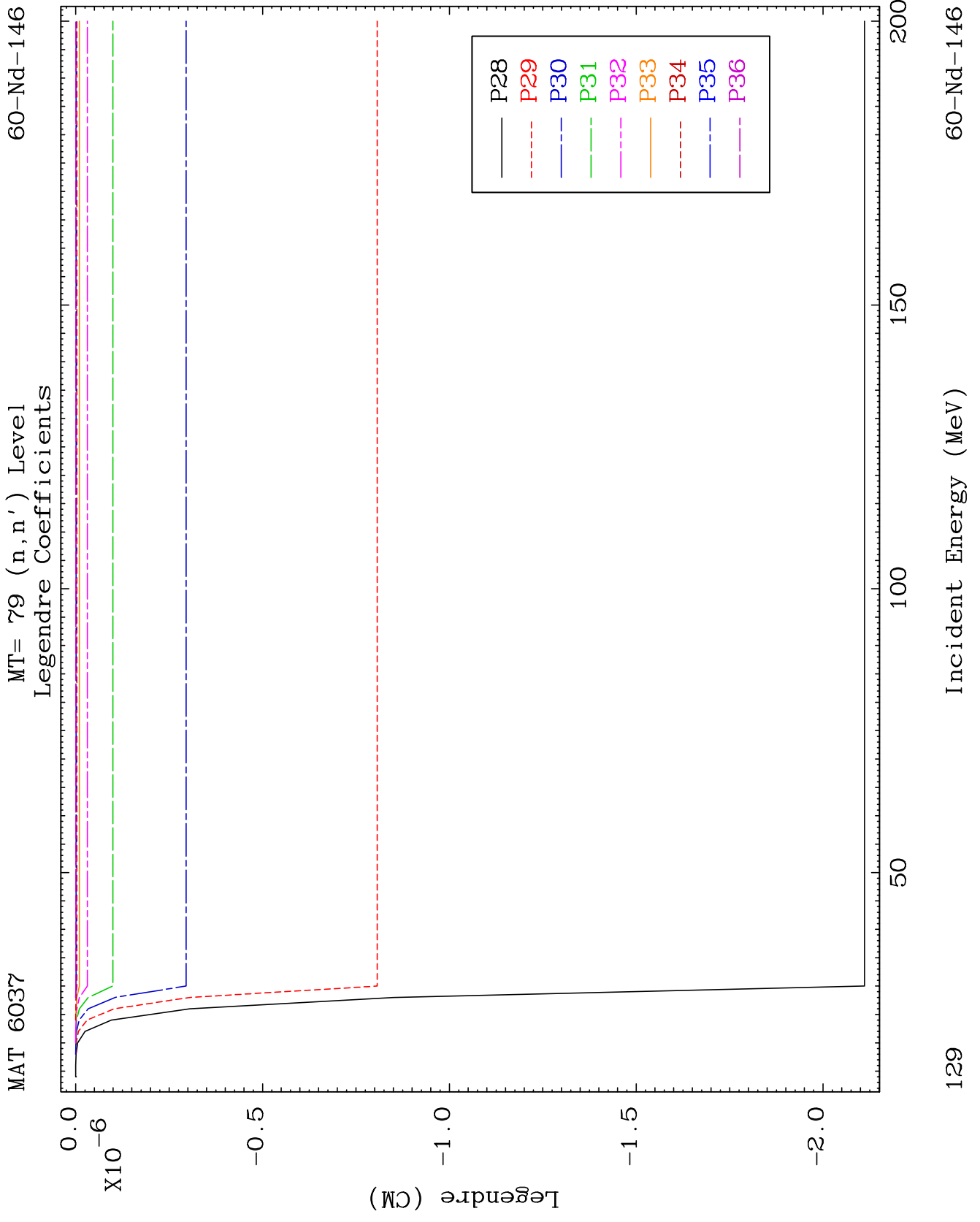
MAT 6037

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

60-Nd-146



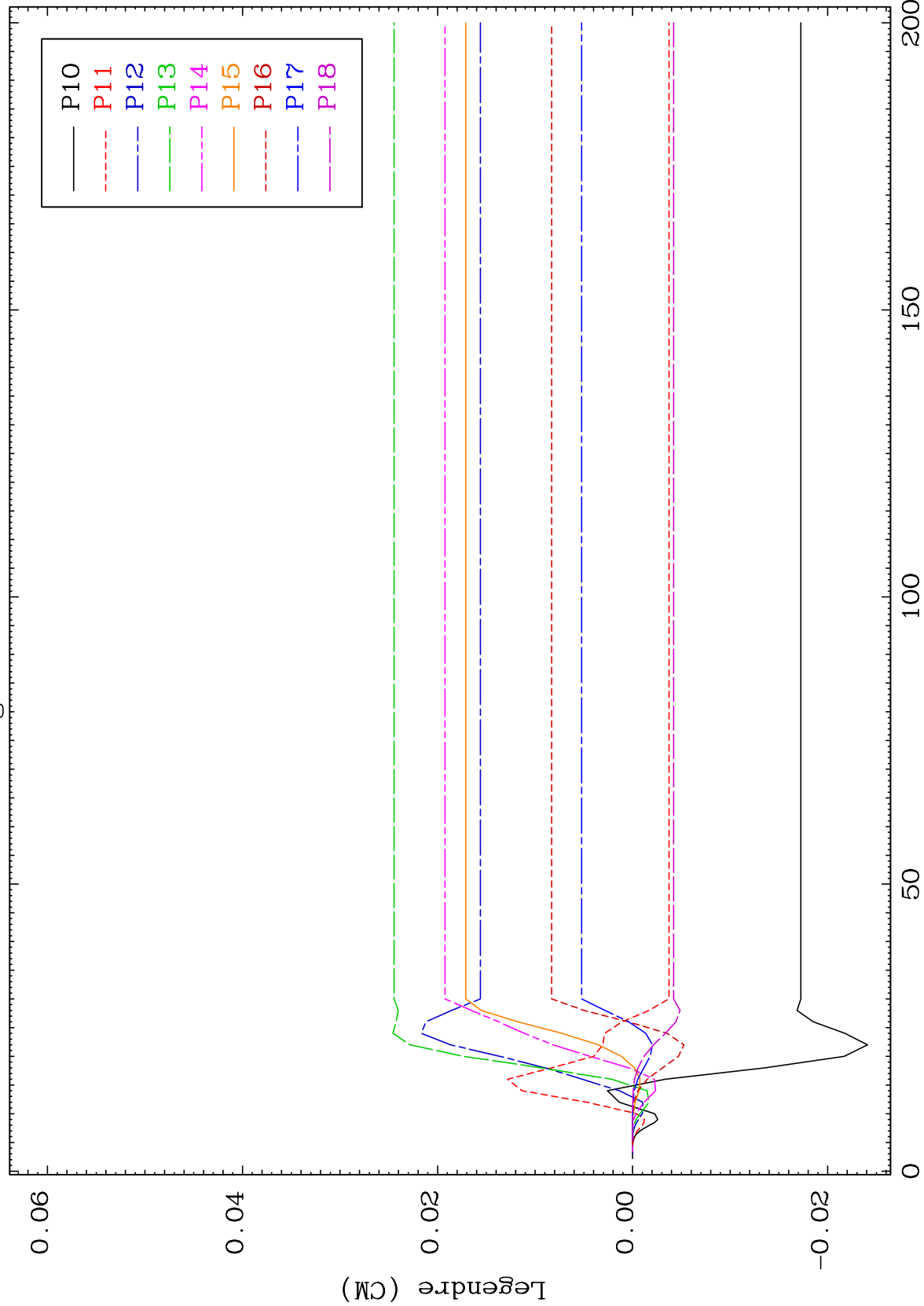
128



MAT 6037

MT= 80 (n,n') Level
Legendre Coefficients

60-Nd-146



131

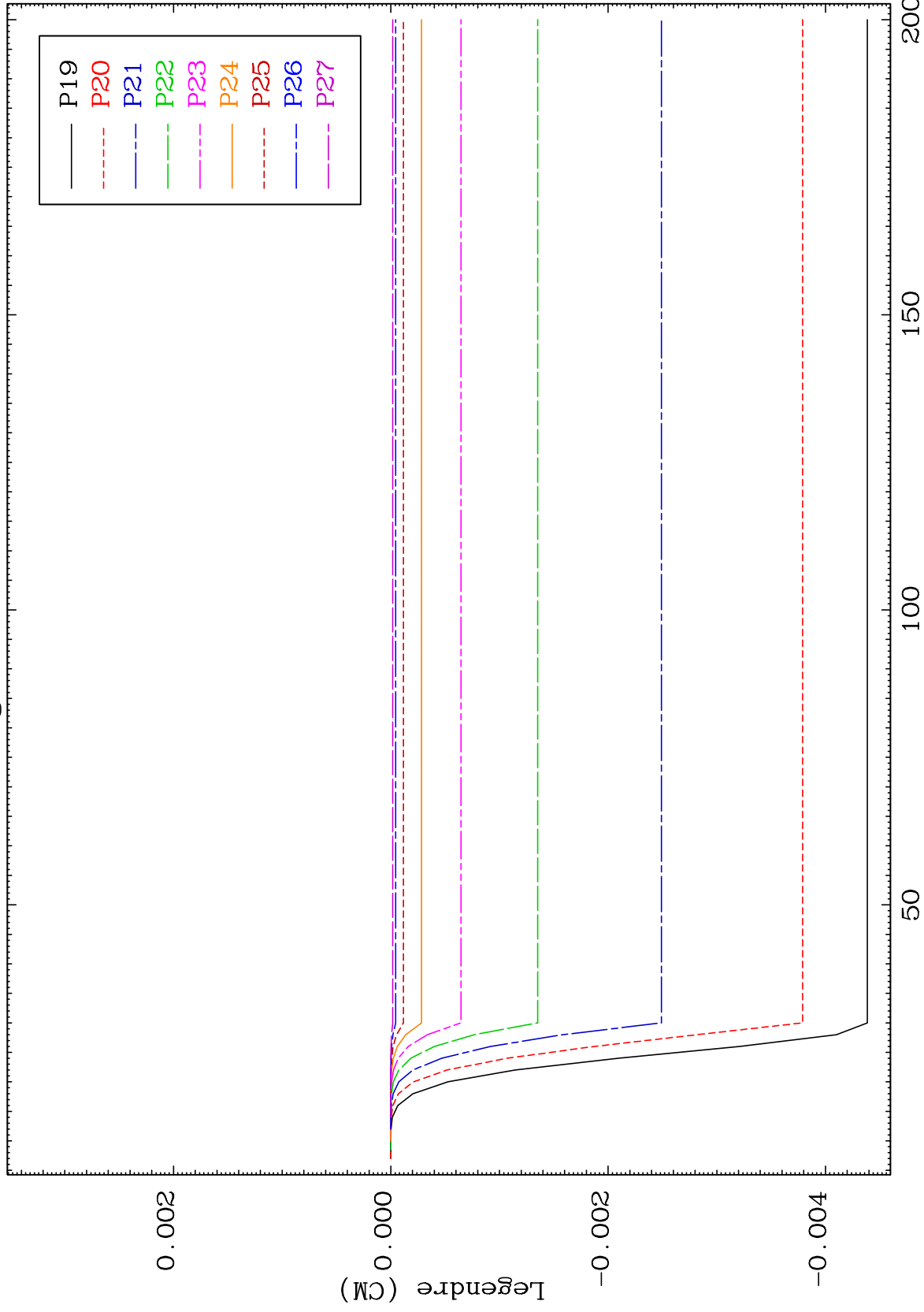
Incident Energy (MeV)

60-Nd-146

MAT 6037

MT= 80 (n,n') Level
Legendre Coefficients

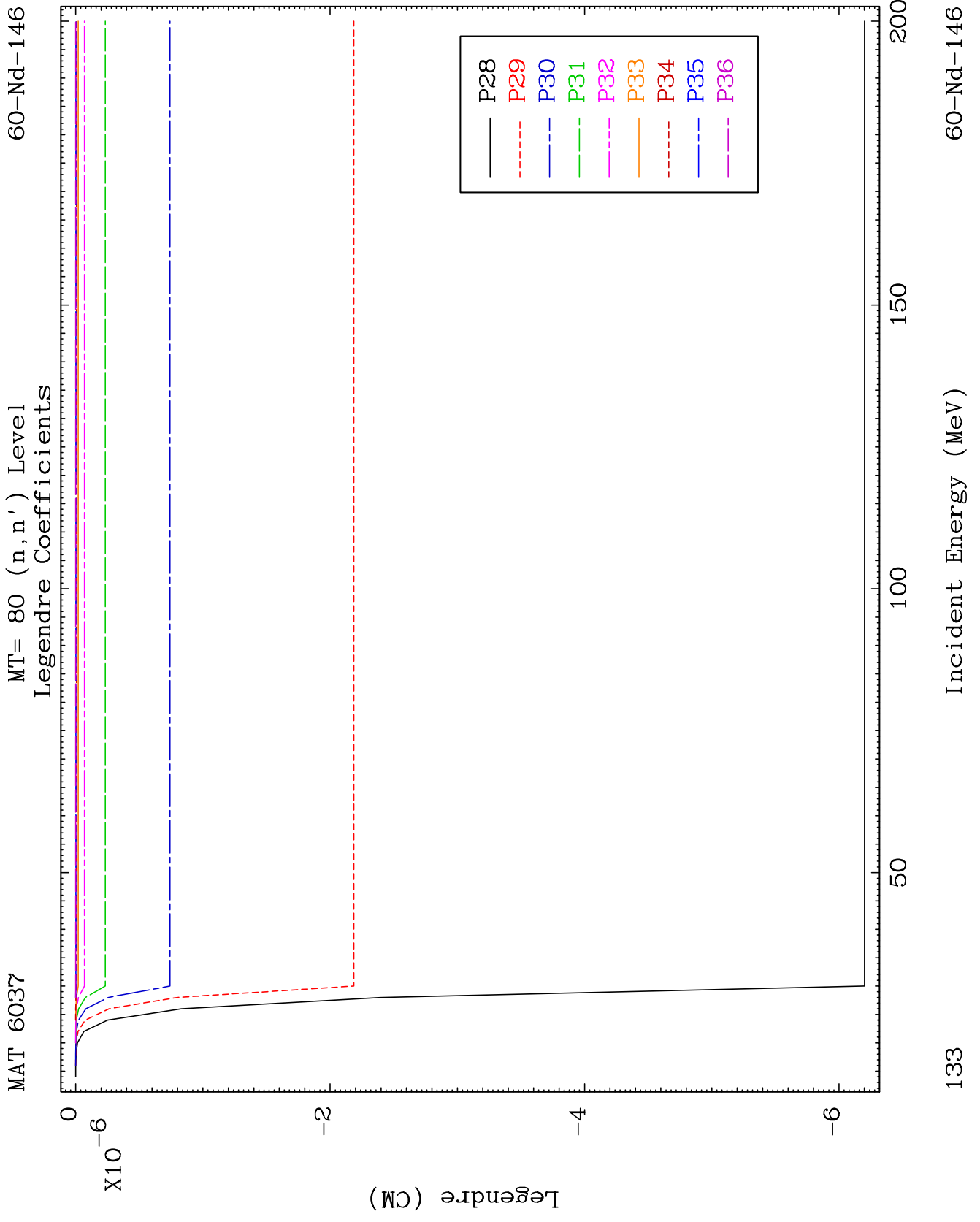
60-Nd-146



132

Incident Energy (MeV)

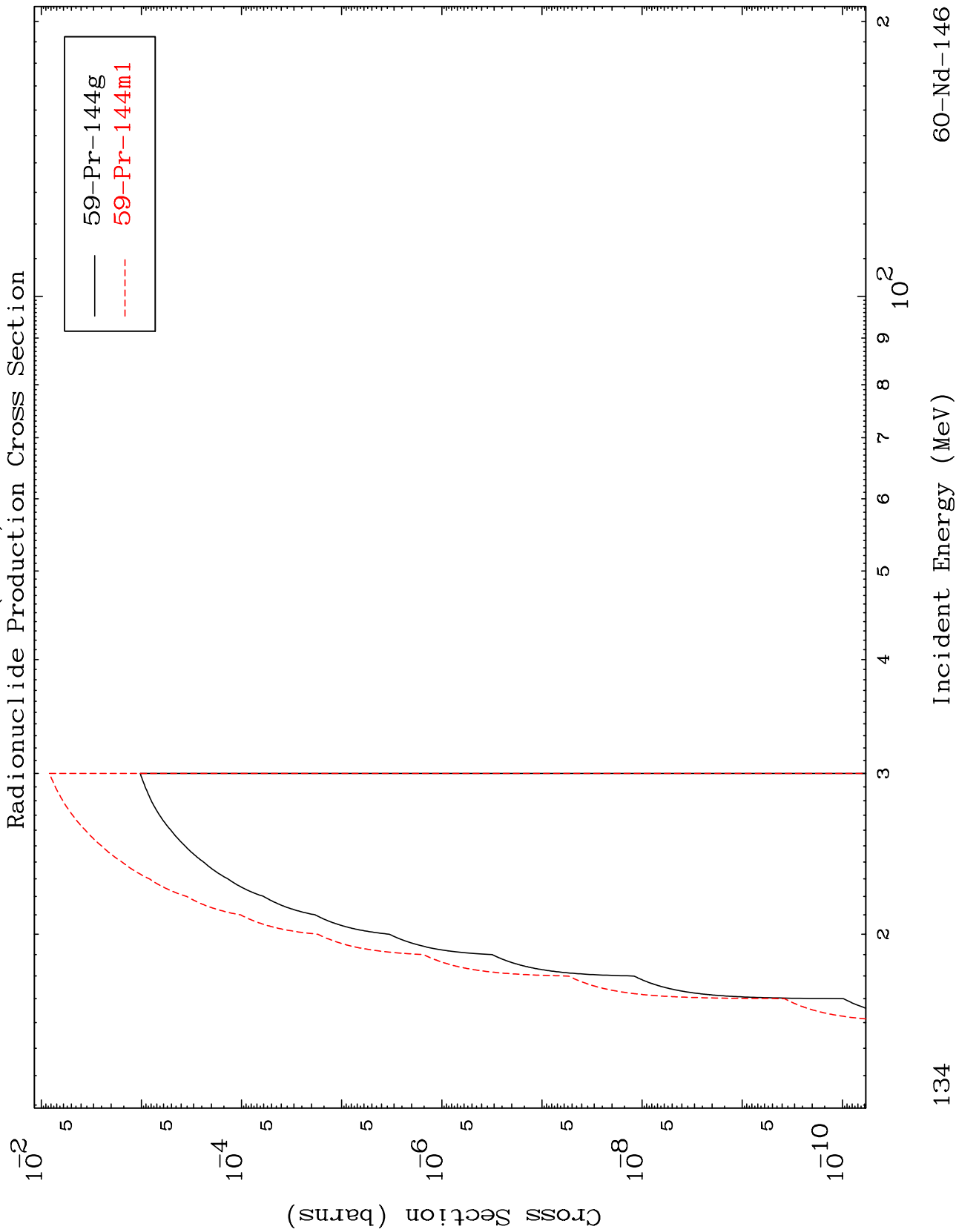
60-Nd-146



MAT 6037

(n,n') d

60-Nd-146

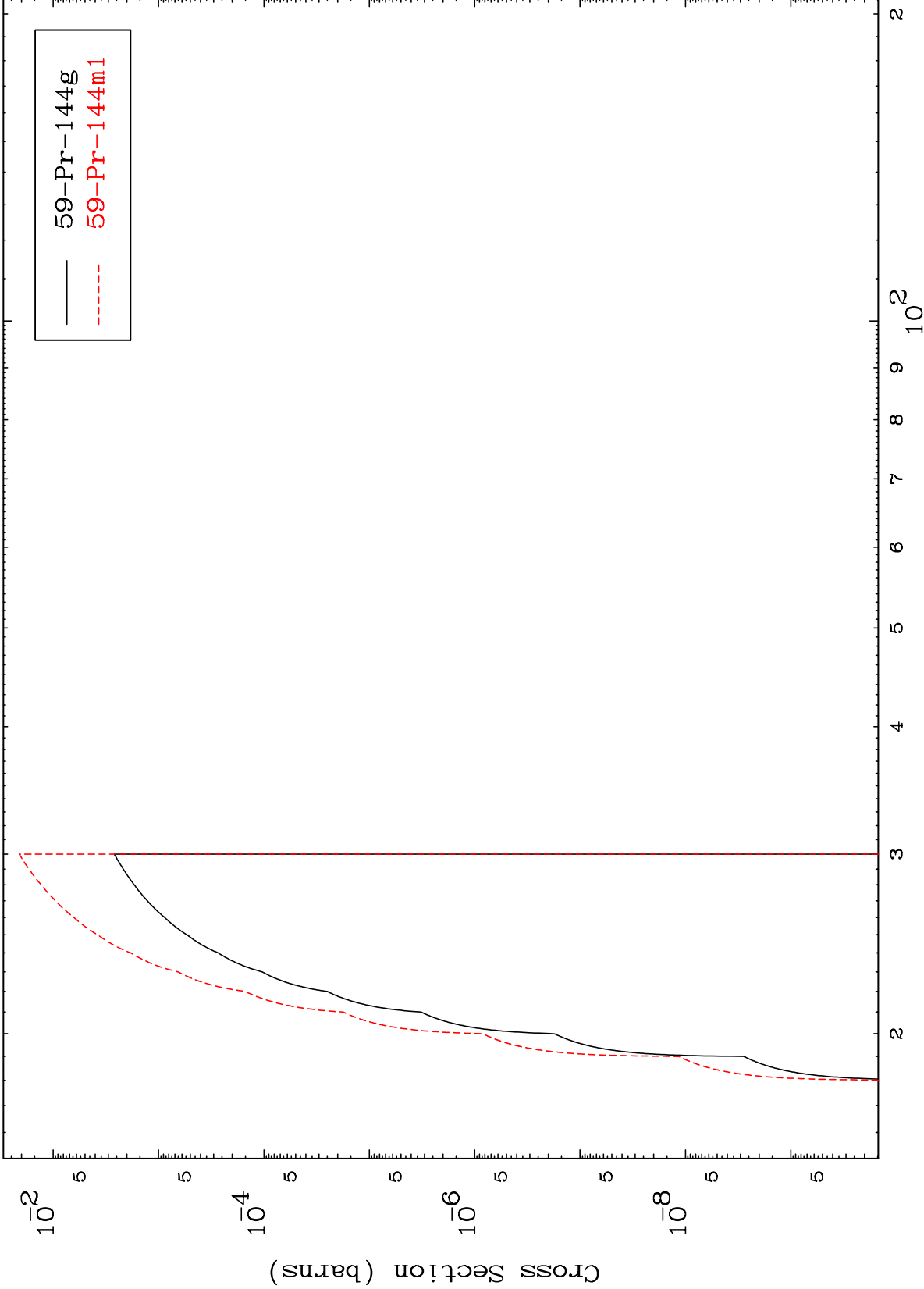


134

Incident Energy (MeV)

60-Nd-146

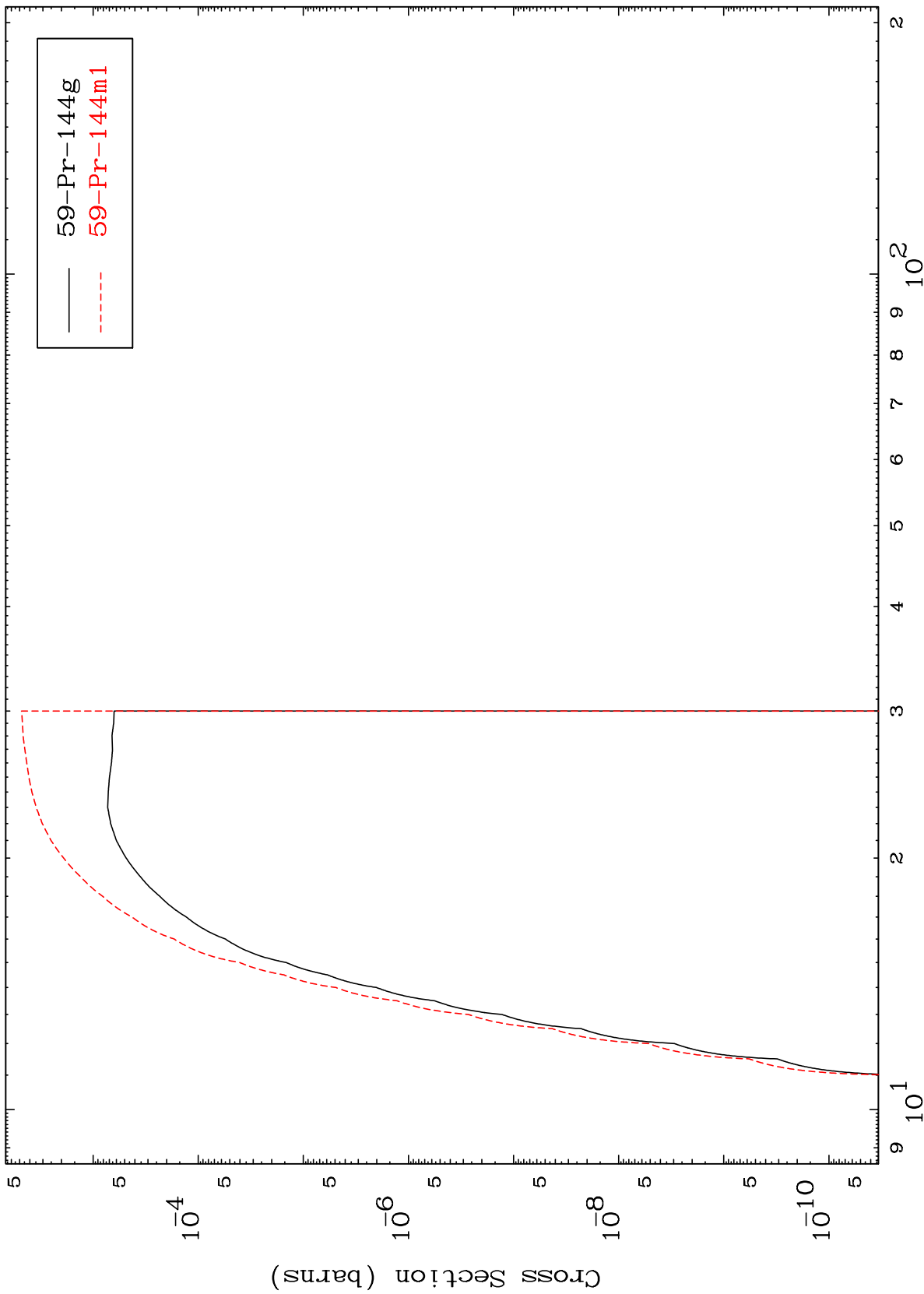
Radionuclide Production Cross Section



MAT 6037

60-Nd-146

(n,t)
Radionuclide Production Cross Section



60-Nd-146

Incident Energy (MeV)

136