

Program EVALPLOT
(Version 2018-1)

by

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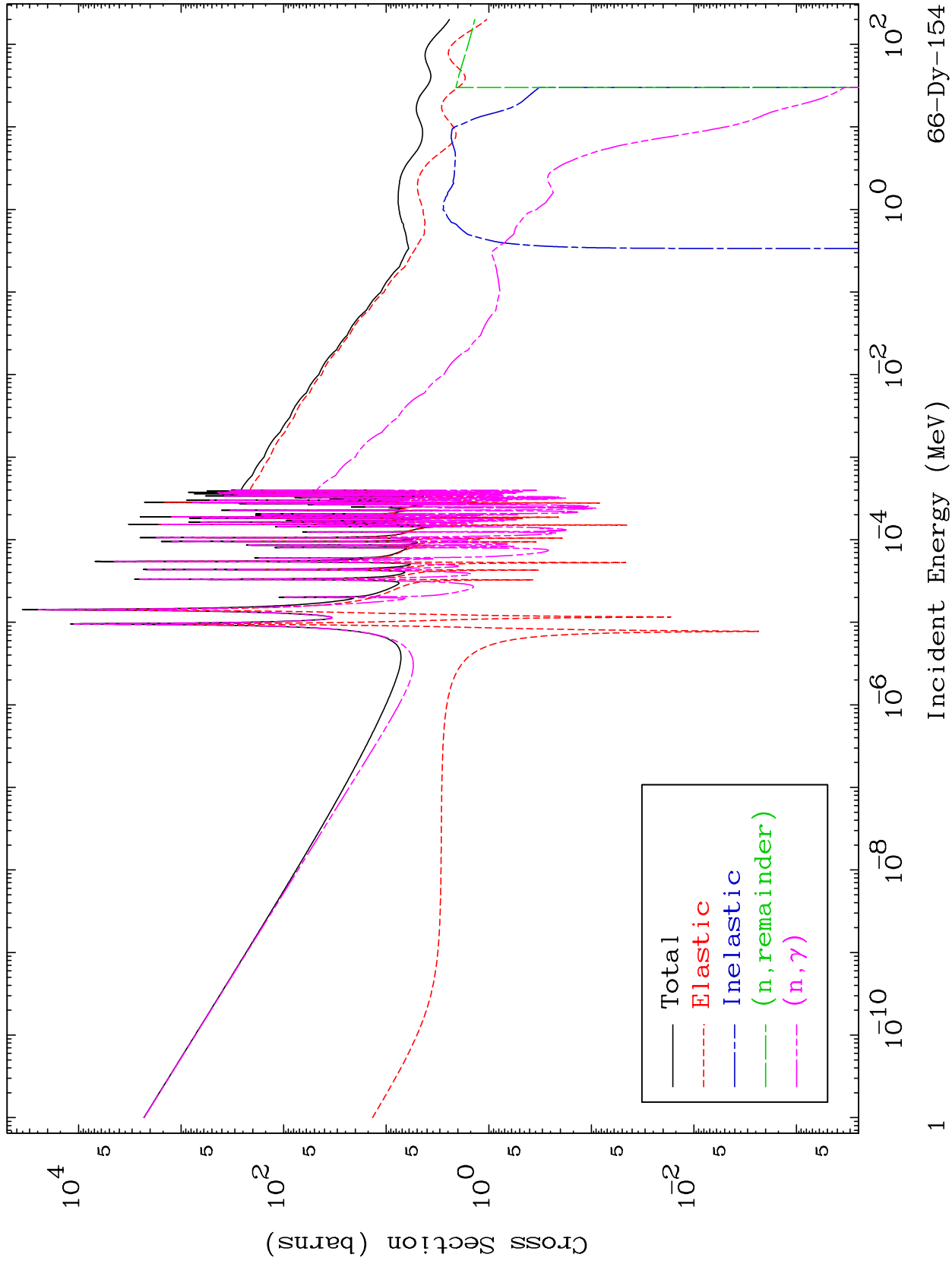
Press Mouse Button to Start

MAT 6619

Major

293 Kelvin Cross Sections

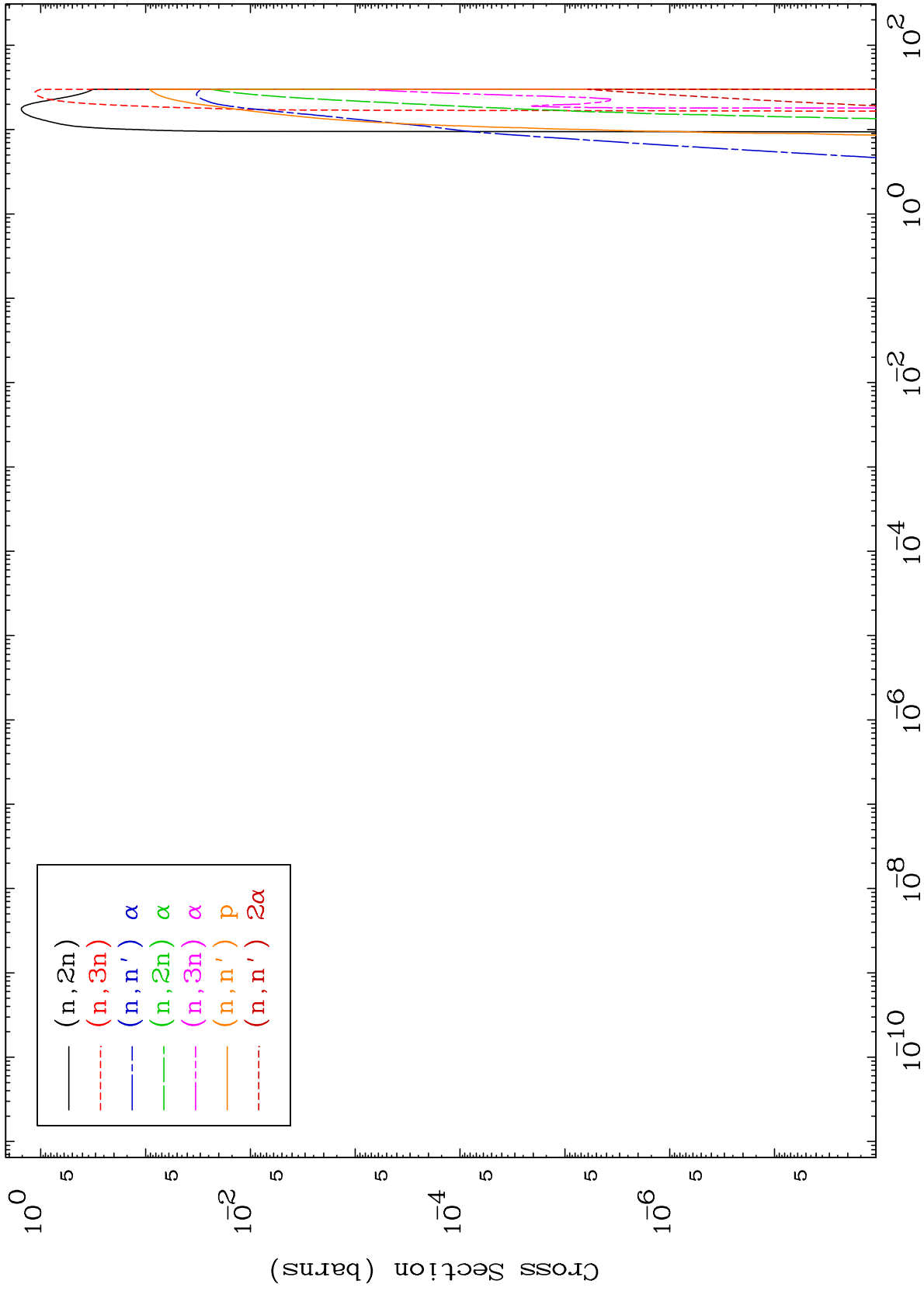
66-Dy-154



MAT 6619

Neutron Production
293 Kelvin Cross Sections

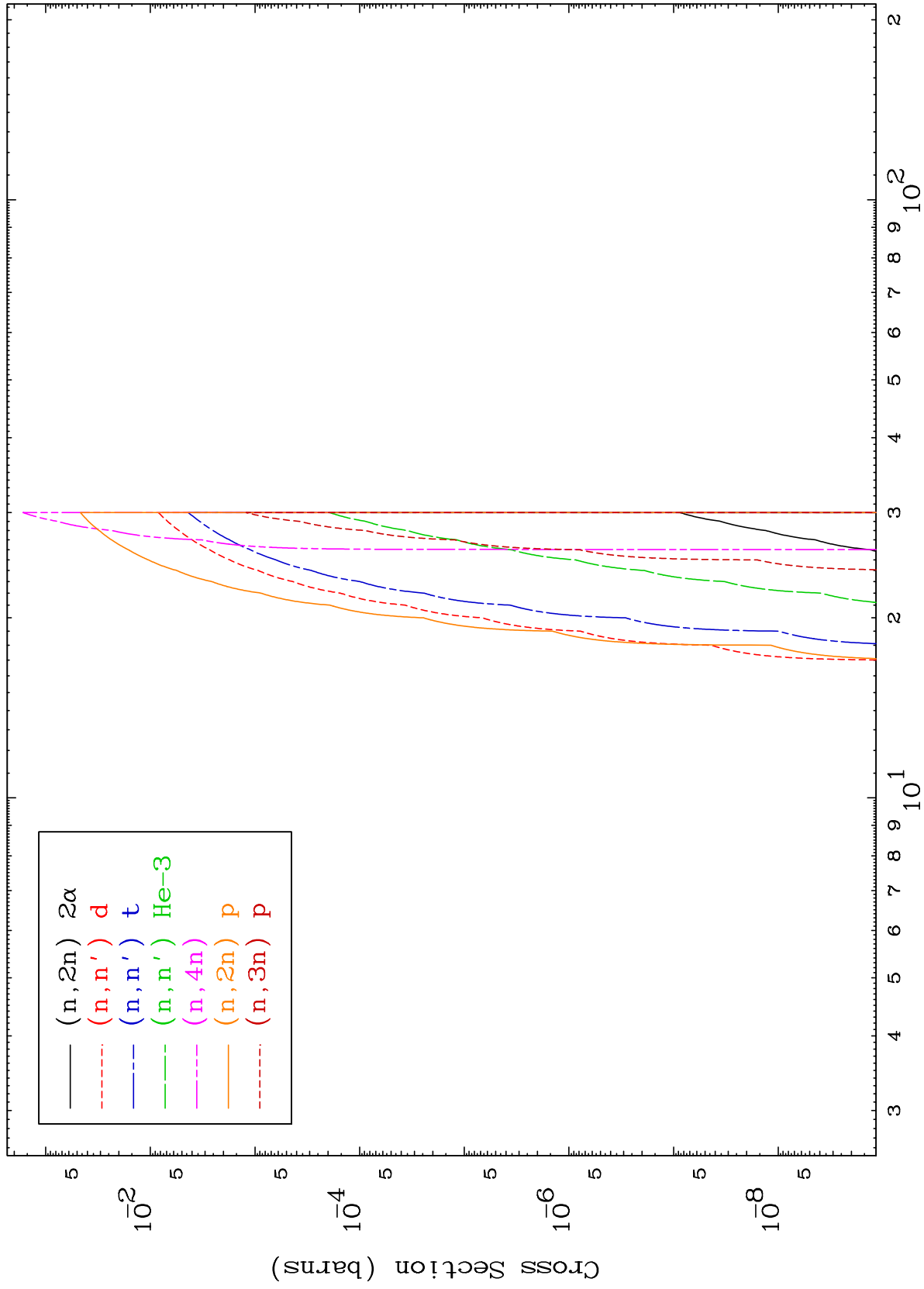
66-Dy-154



2

Incident Energy (MeV)

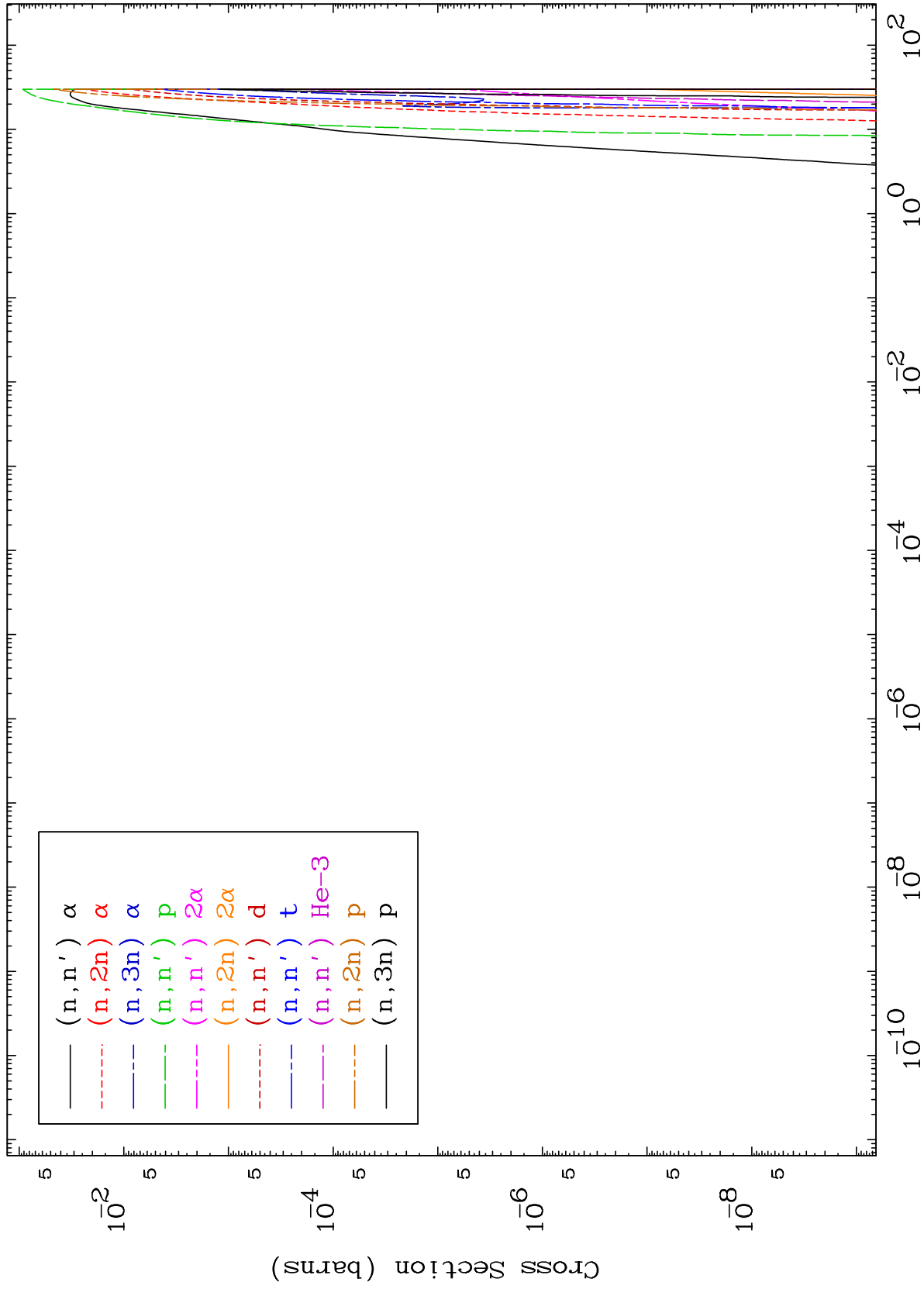
66-Dy-154



MAT 6619

Charged Particle
293 Kelvin Cross Sections

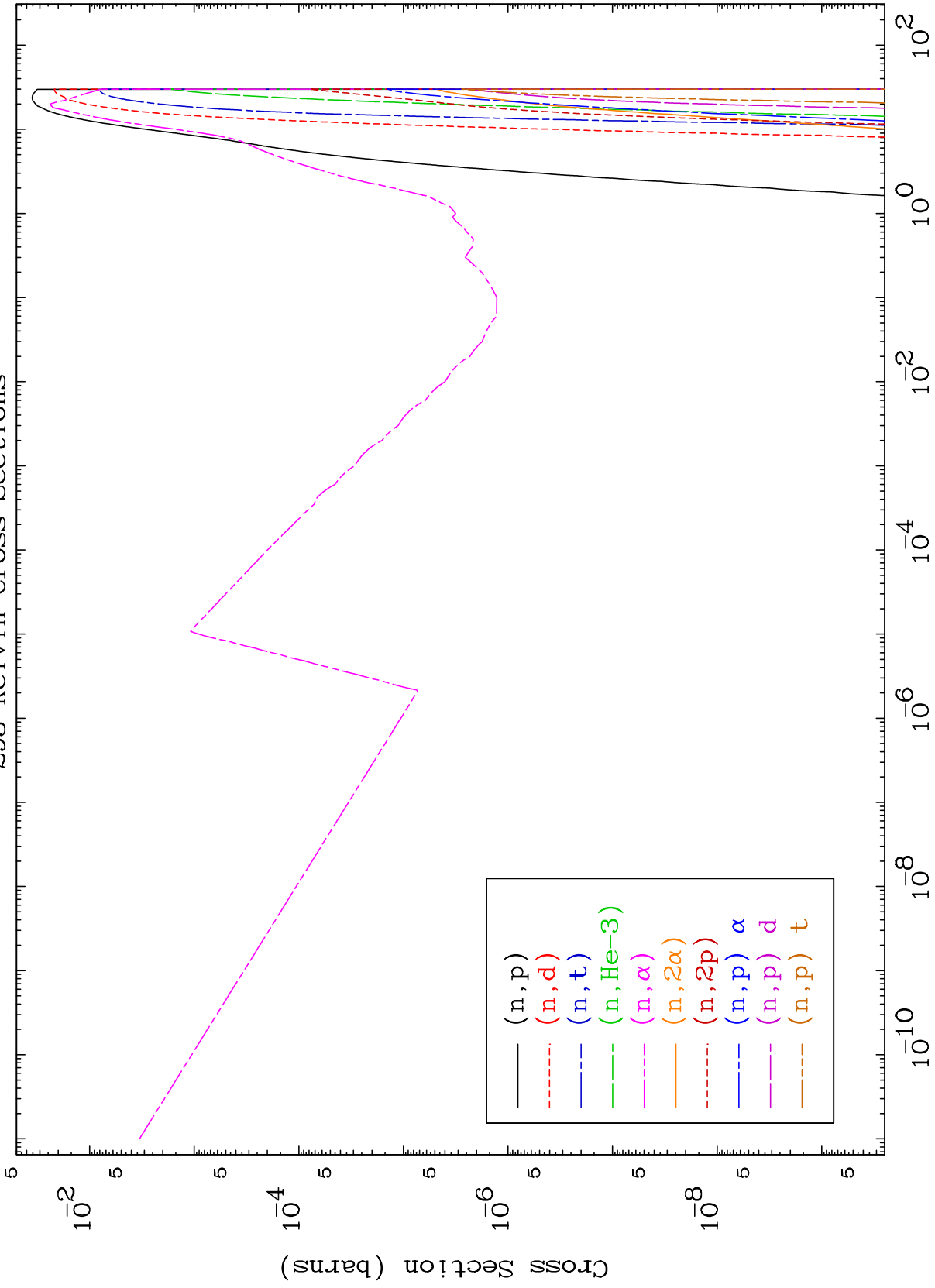
66-Dy-154



MAT 6619

Charged Particle
293 Kelvin Cross Sections

66-Dy-154



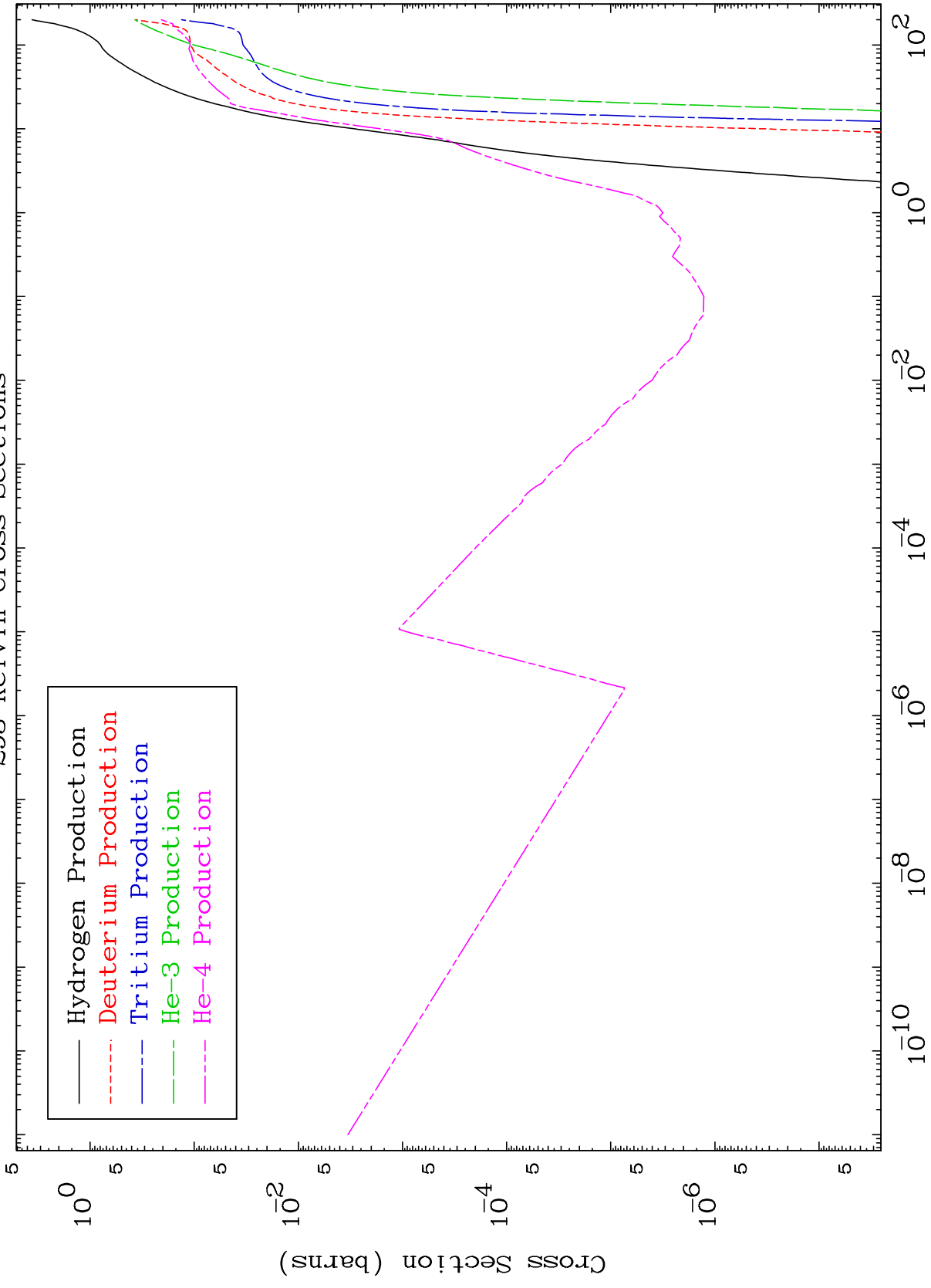
5

66-Dy-154

MAT 6619

Particle Production
293 Kelvin Cross Sections

66-Dy-154



6

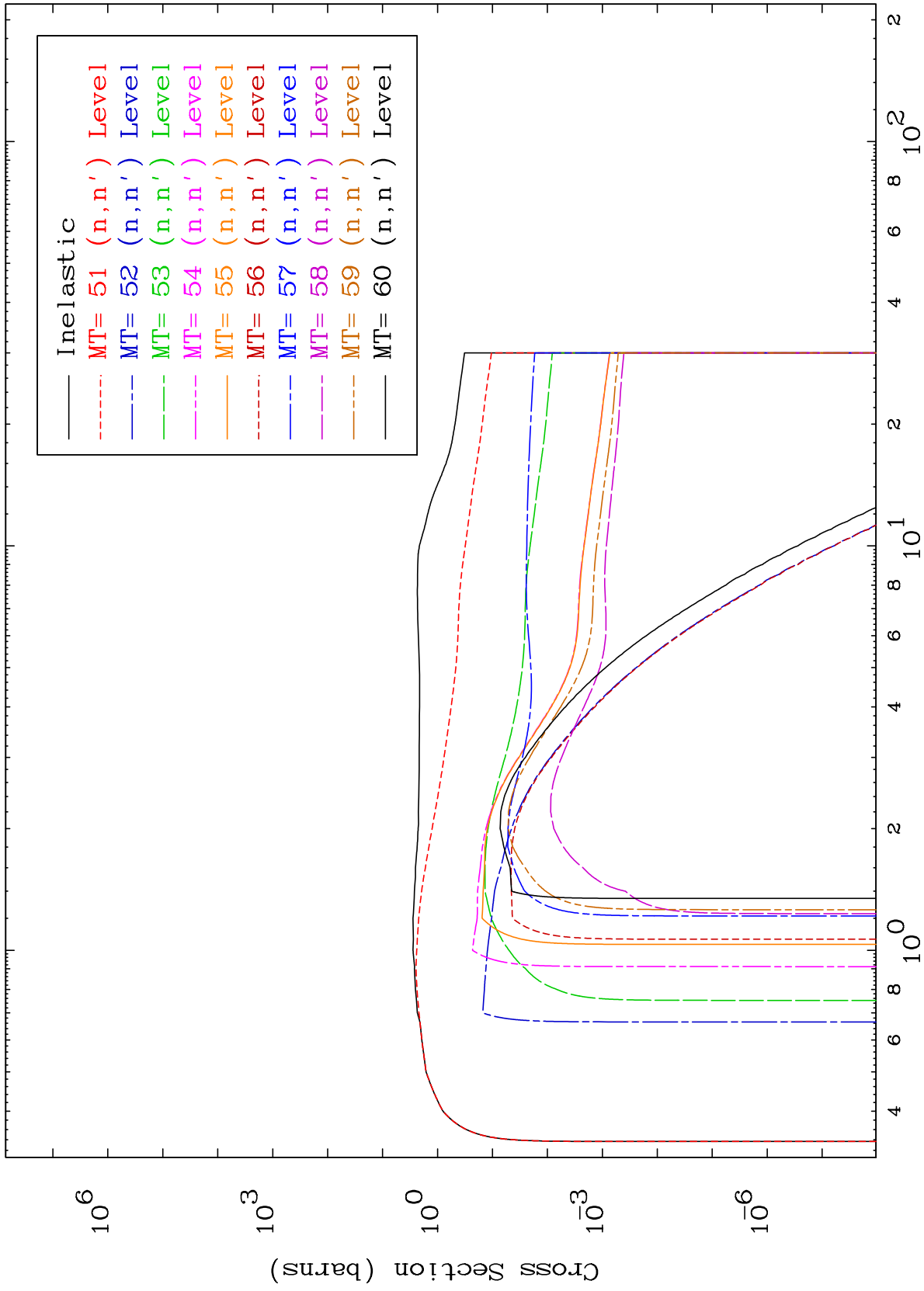
66-Dy-154

MAT 6619

(n,n') Level

66-Dy-154

293 Kelvin Cross Sections



7

Incident Energy (MeV)

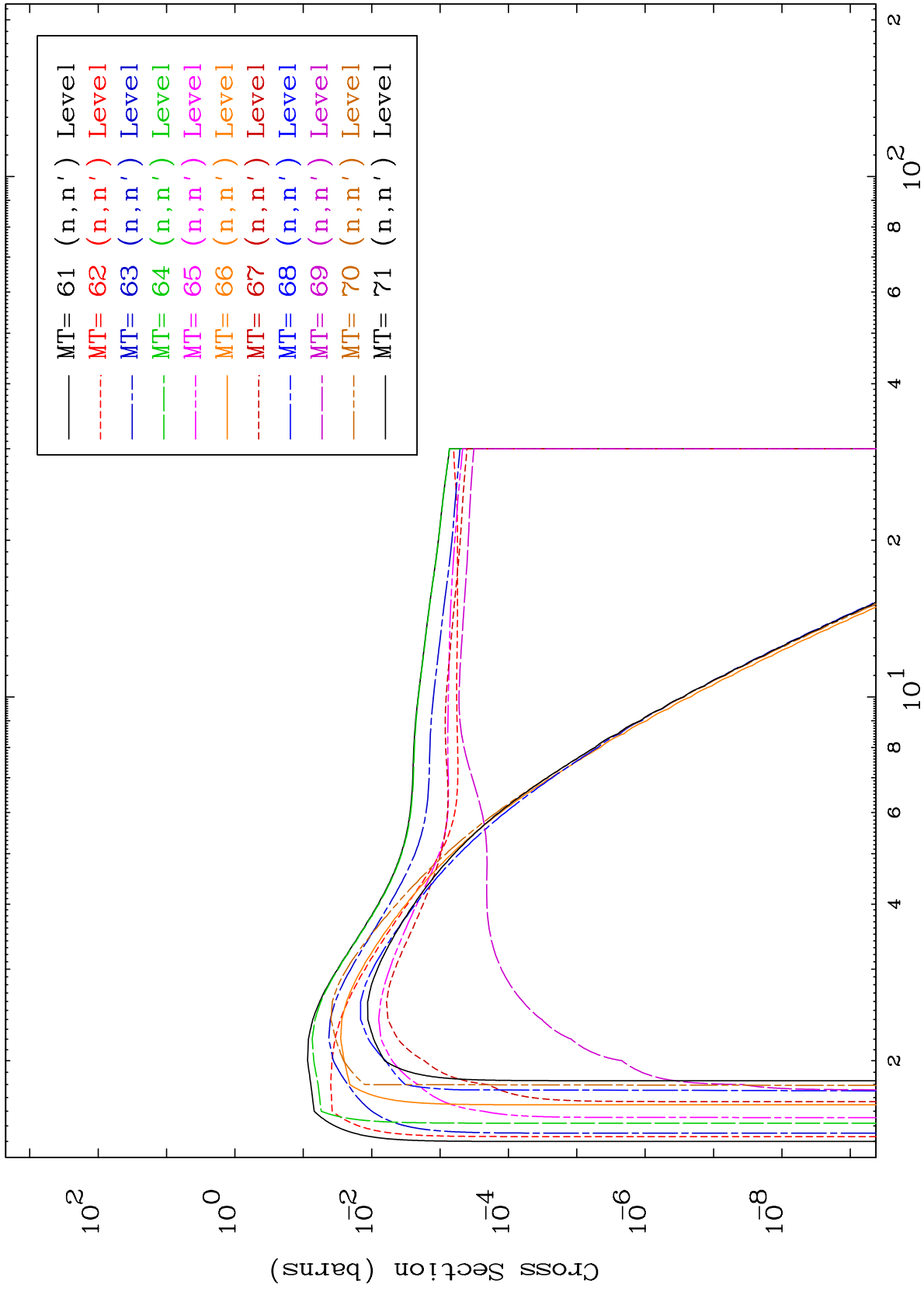
66-Dy-154

MAT 6619

(n,n') Level

66-Dy-154

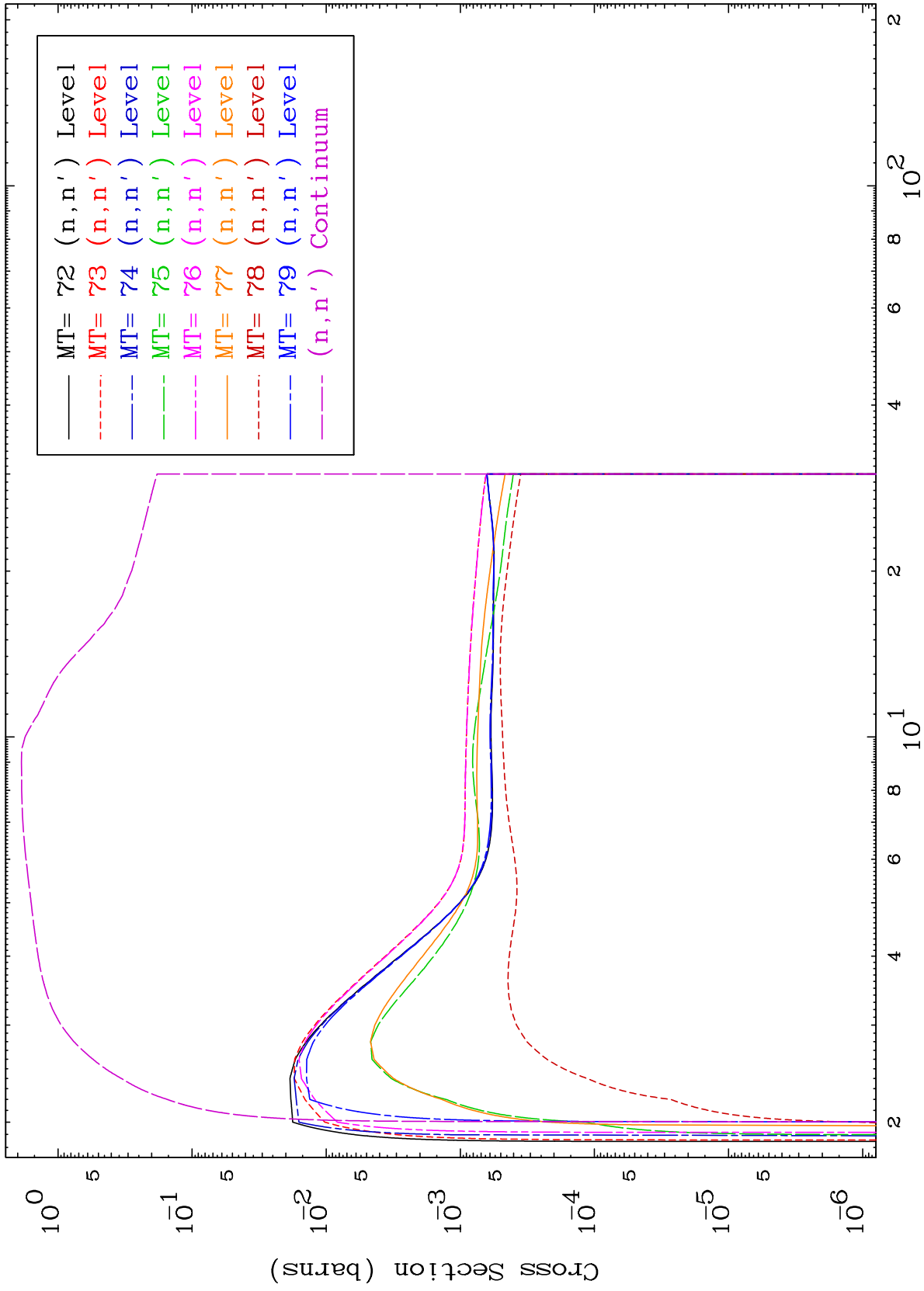
293 Kelvin Cross Sections



8

Incident Energy (MeV)

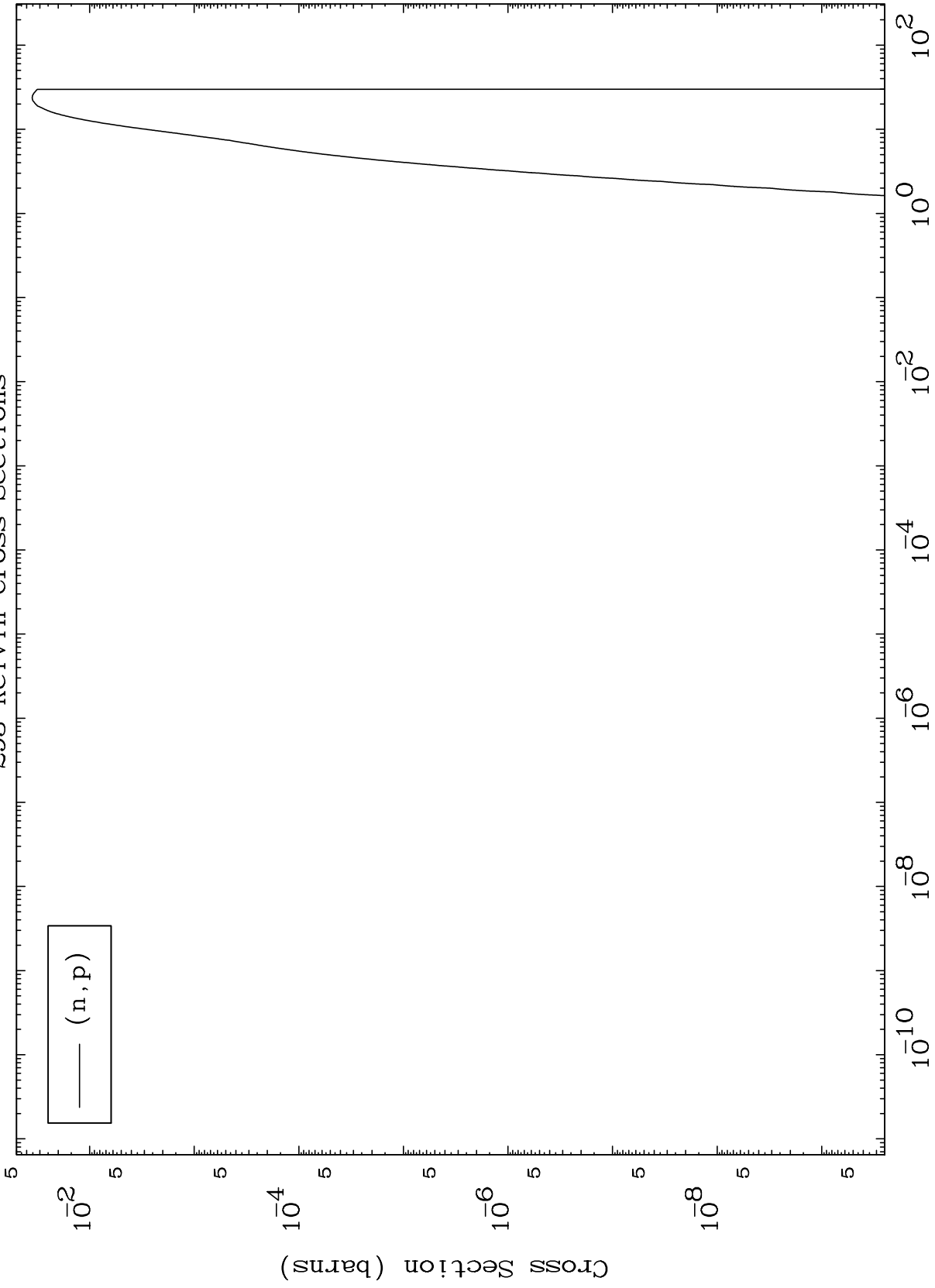
66-Dy-154



MAT 6619

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-154



10

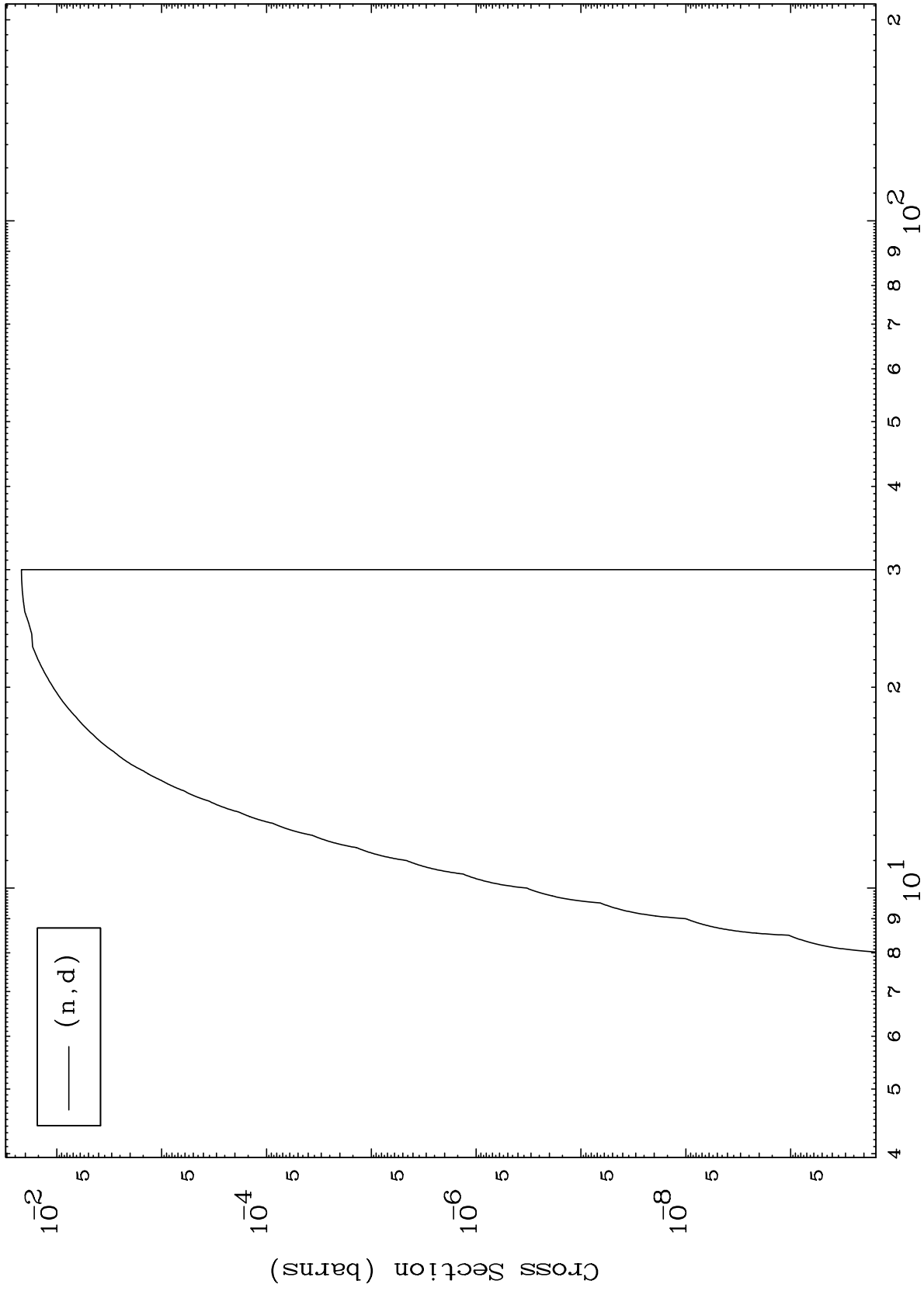
Incident Energy (MeV)

66-Dy-154

MAT 6619

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-154



11

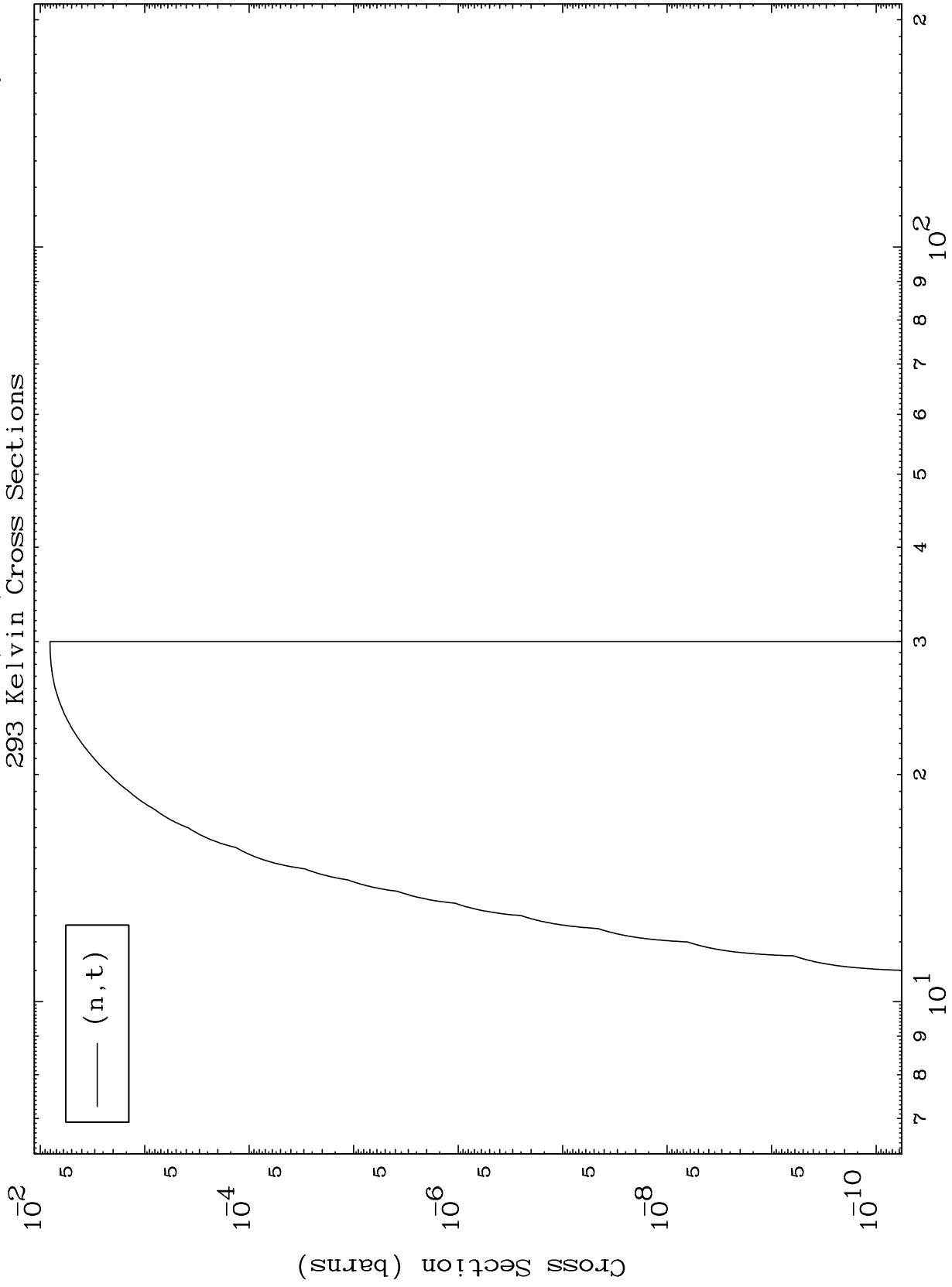
Incident Energy (MeV)

66-Dy-154

MAT 6619

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-154



12

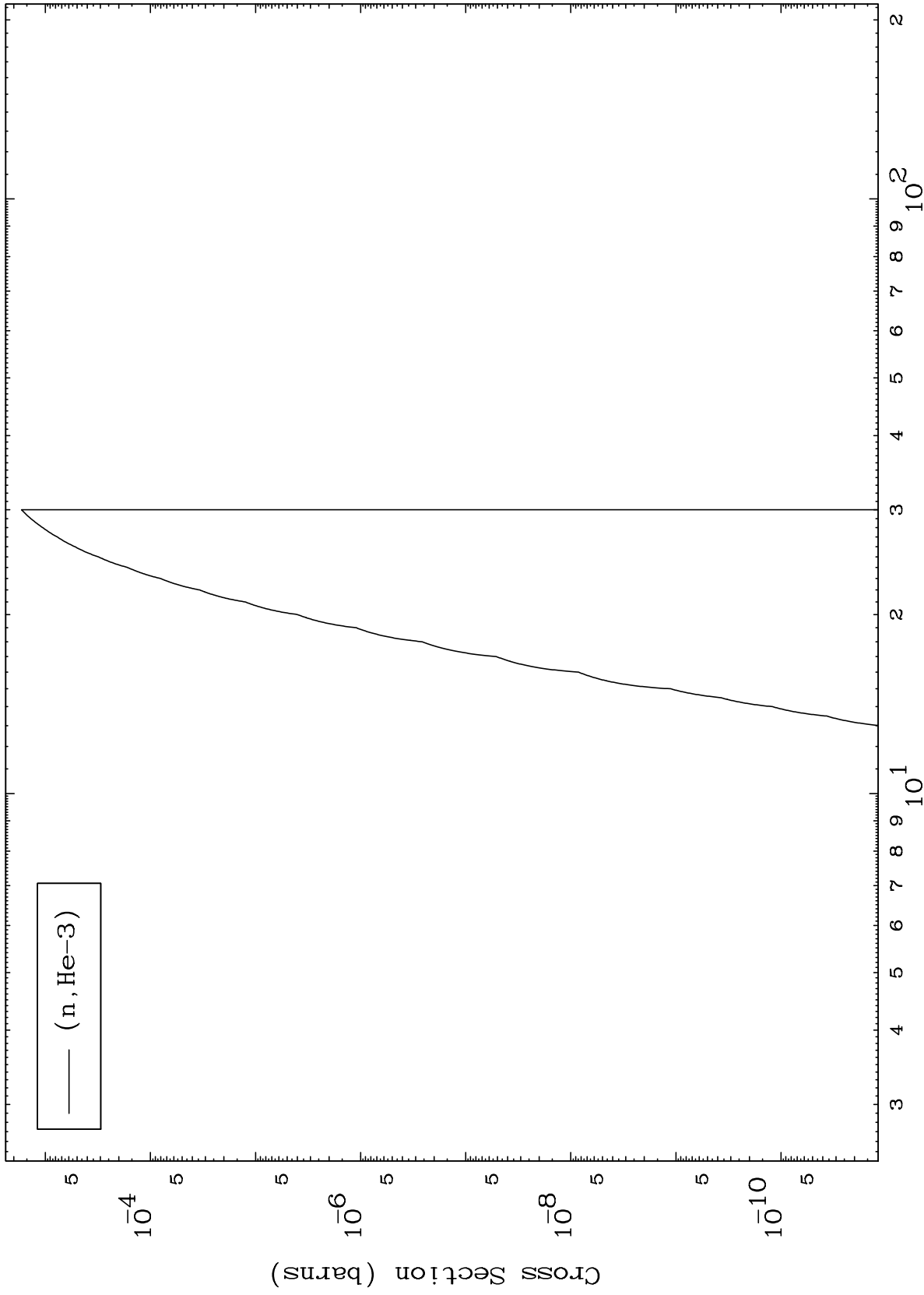
Incident Energy (MeV)

66-Dy-154

MAT 6619

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-154



13

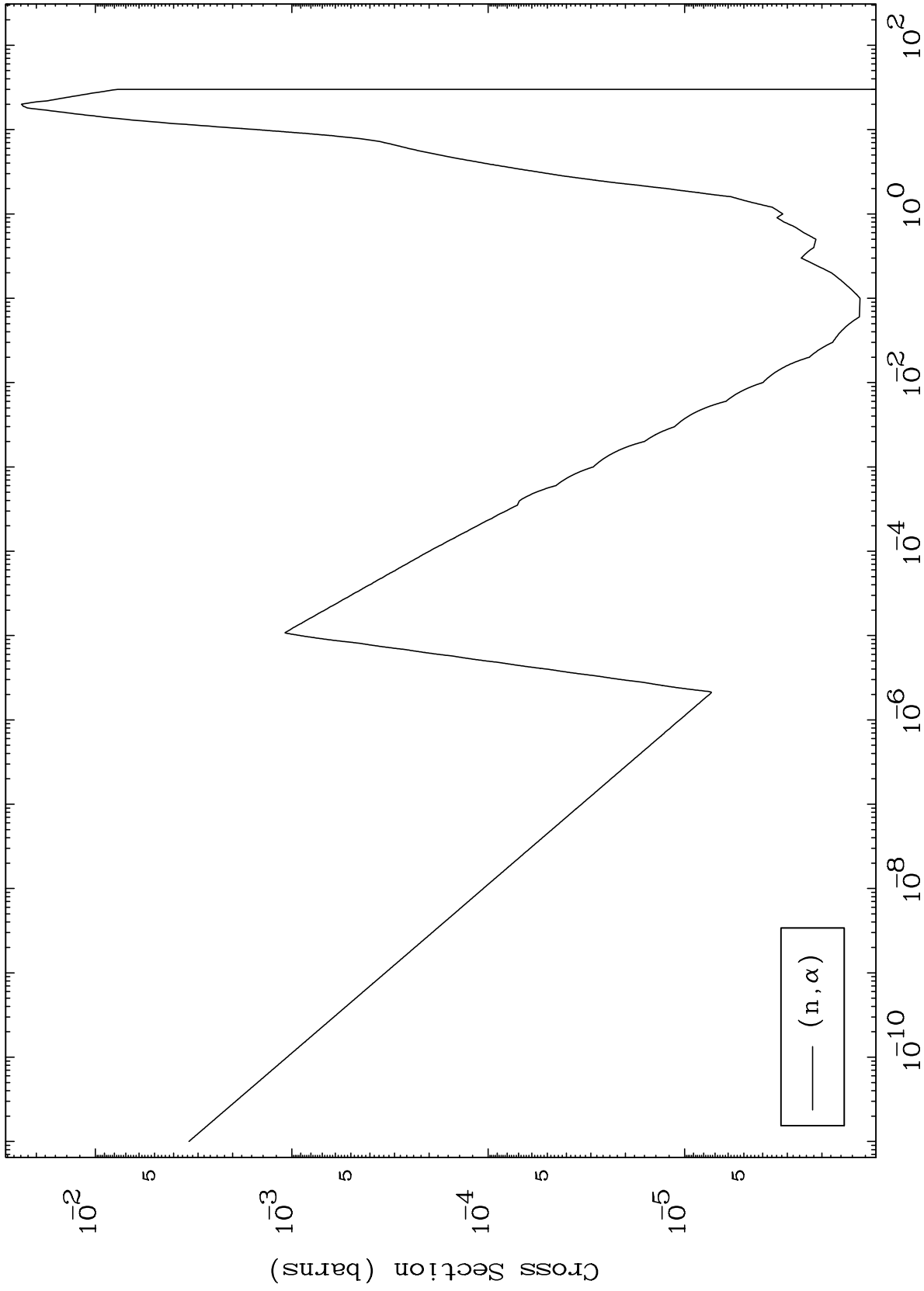
Incident Energy (MeV)

66-Dy-154

MAT 6619

(n,α) Levels
293 Kelvin Cross Sections

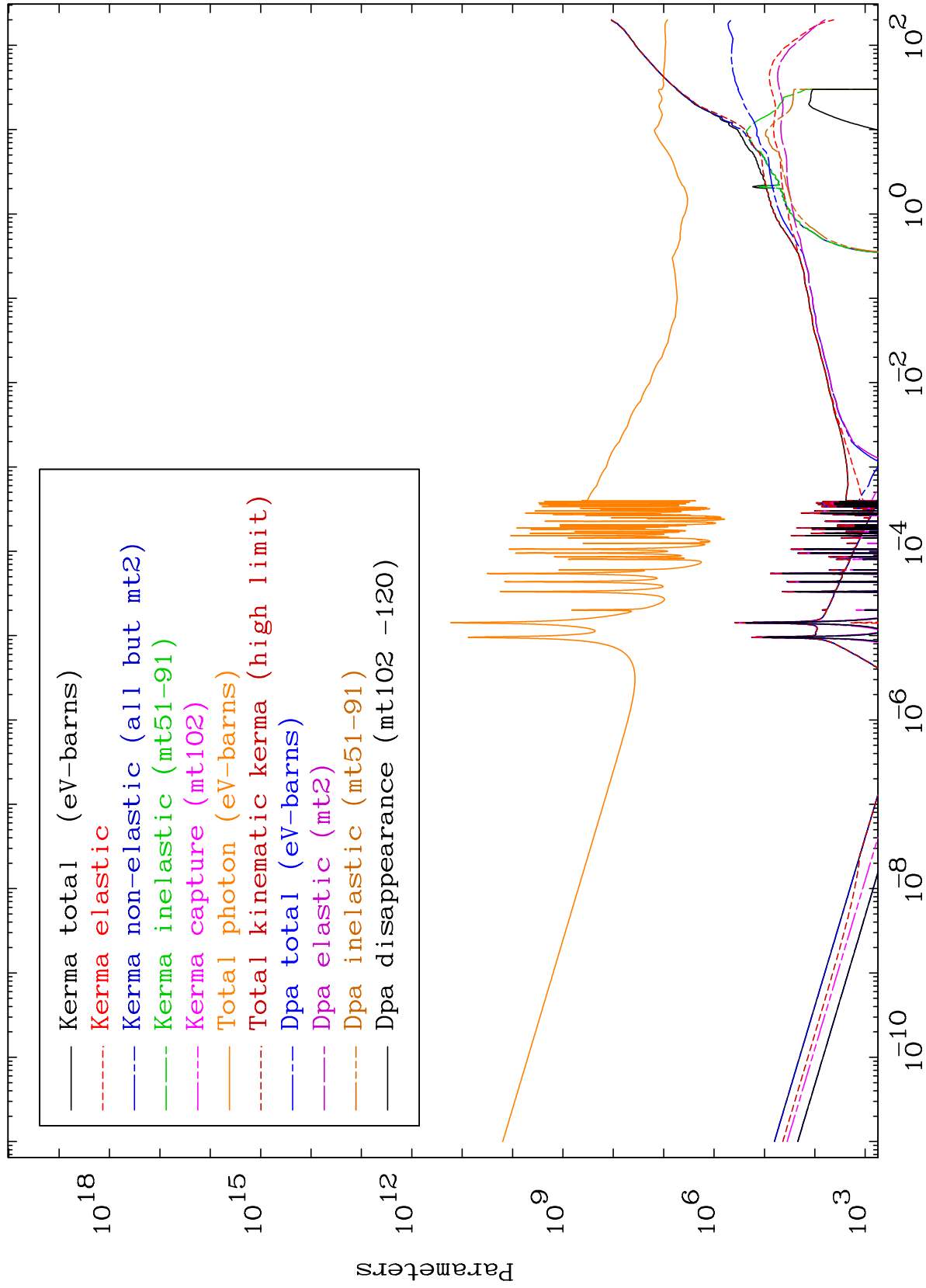
66-Dy-154



14

Incident Energy (MeV)

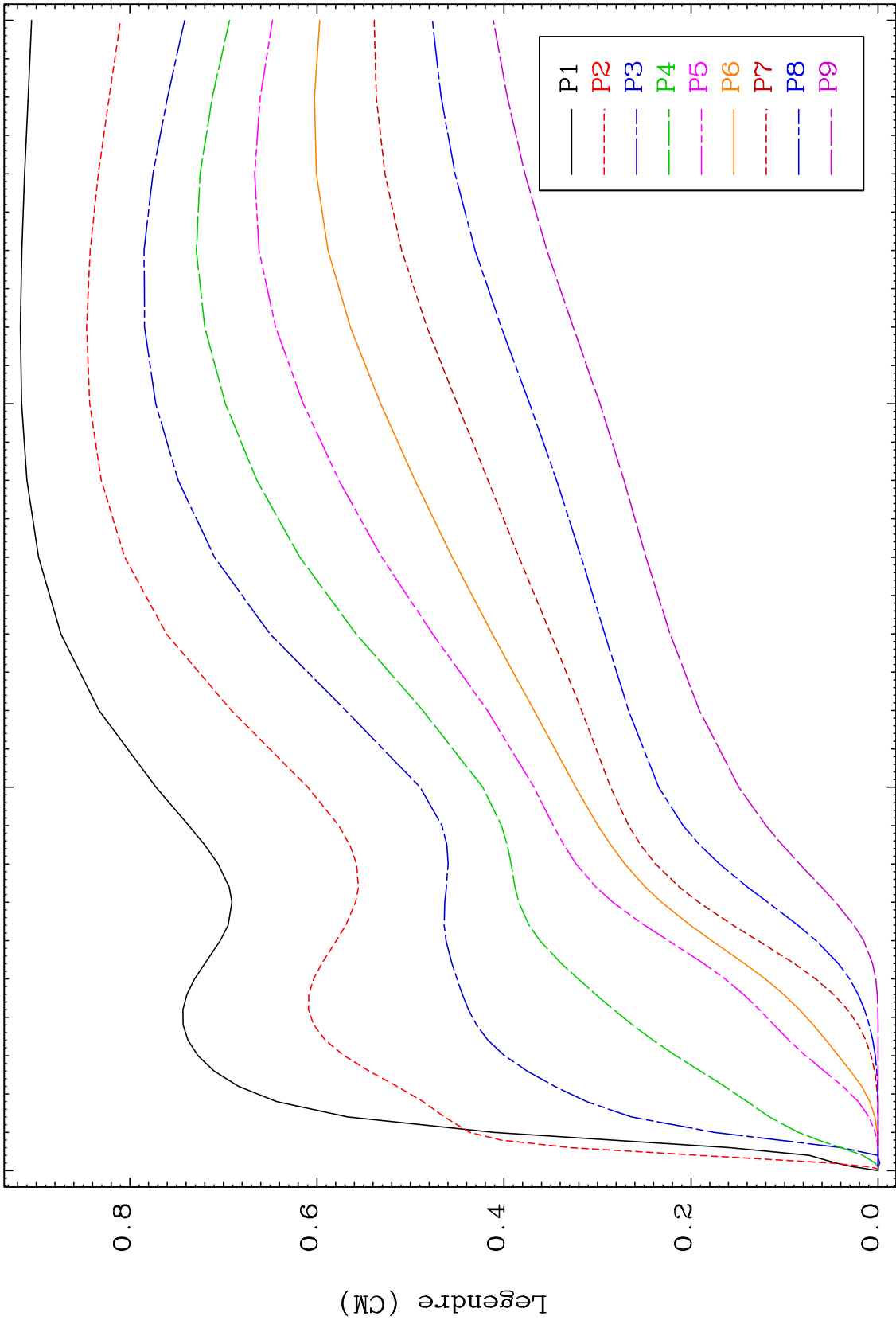
66-Dy-154



MAT 6619

Elastic Legendre Coefficients

66-Dy-154



16

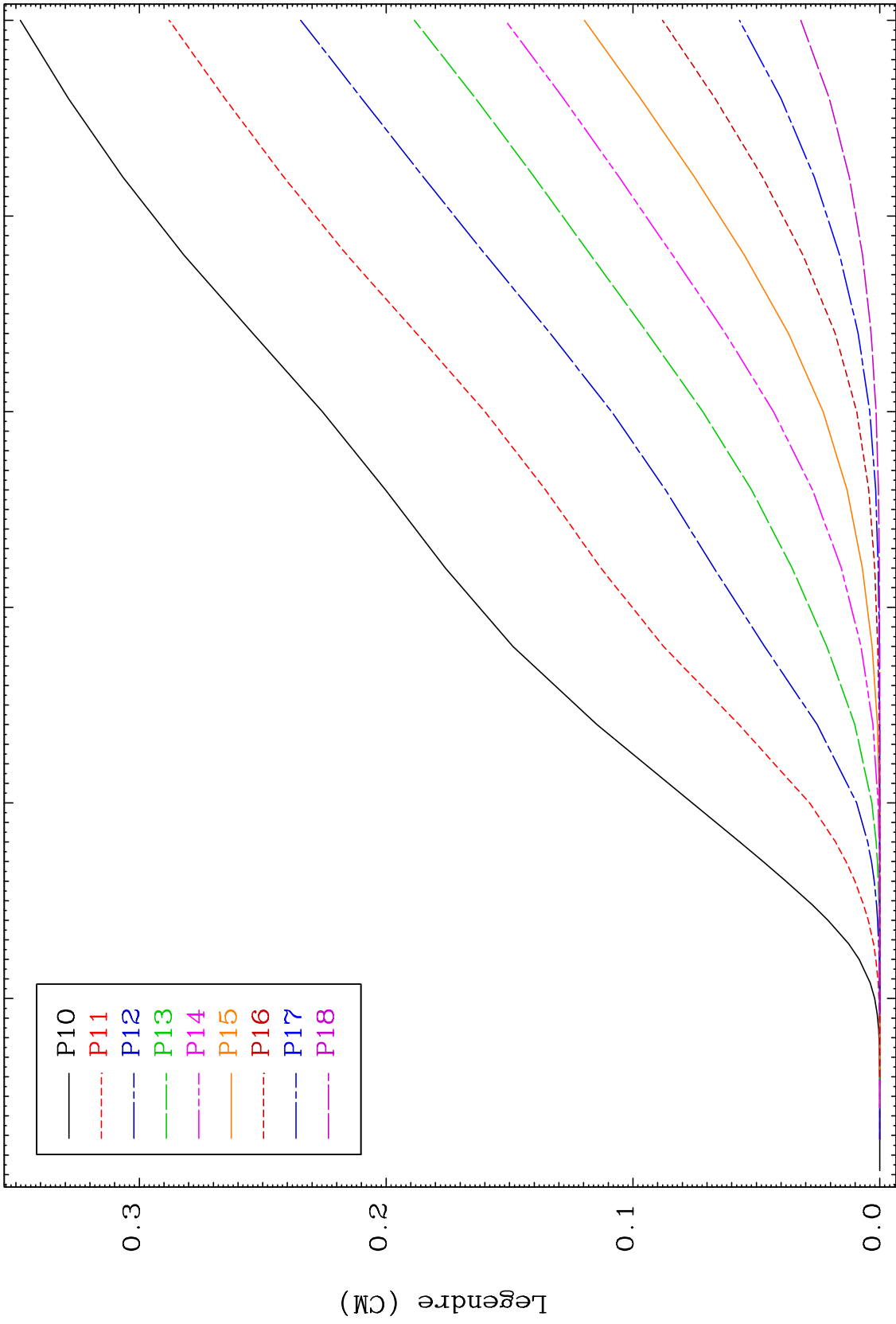
Incident Energy (MeV)

66-Dy-154

MAT 6619

Elastic Legendre Coefficients

66-Dy-154



17

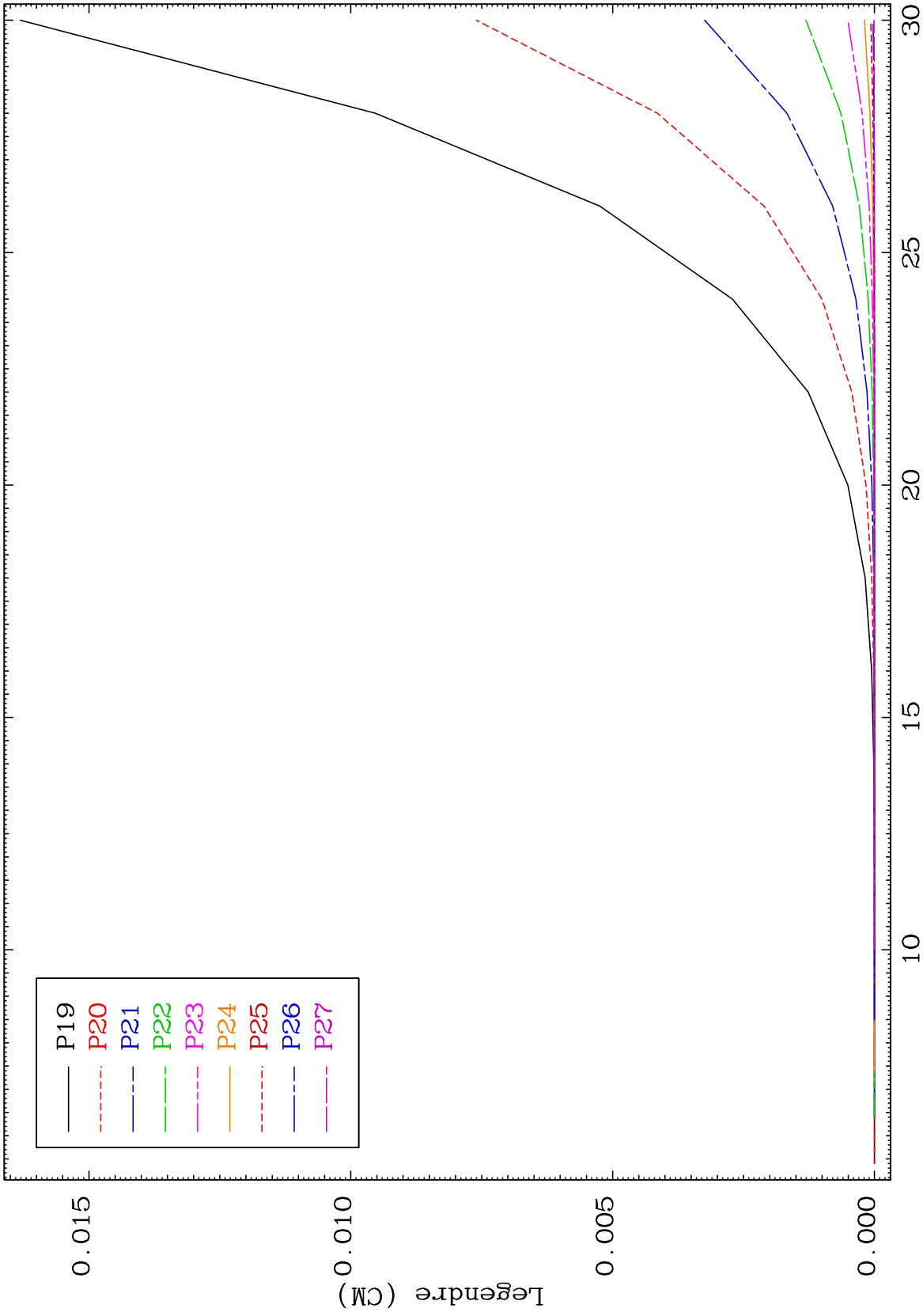
Incident Energy (MeV)

66-Dy-154

MAT 6619

Elastic Legendre Coefficients

66-Dy-154



18

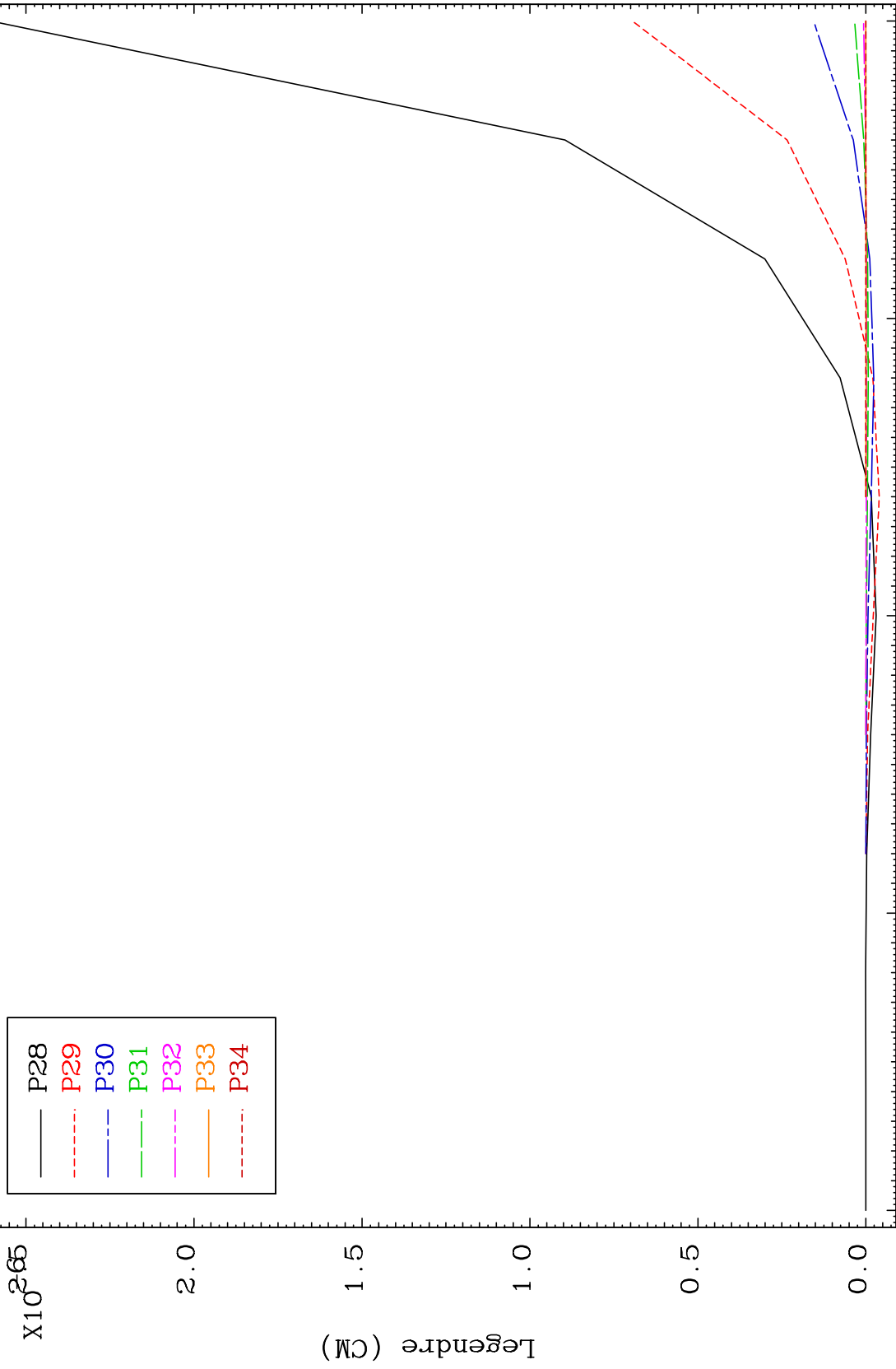
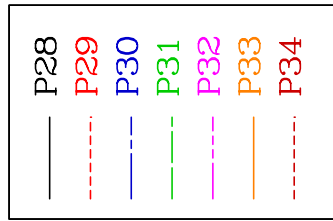
Incident Energy (MeV)

66-Dy-154

MAT 6619

Elastic Legendre Coefficients

66-Dy-154



19

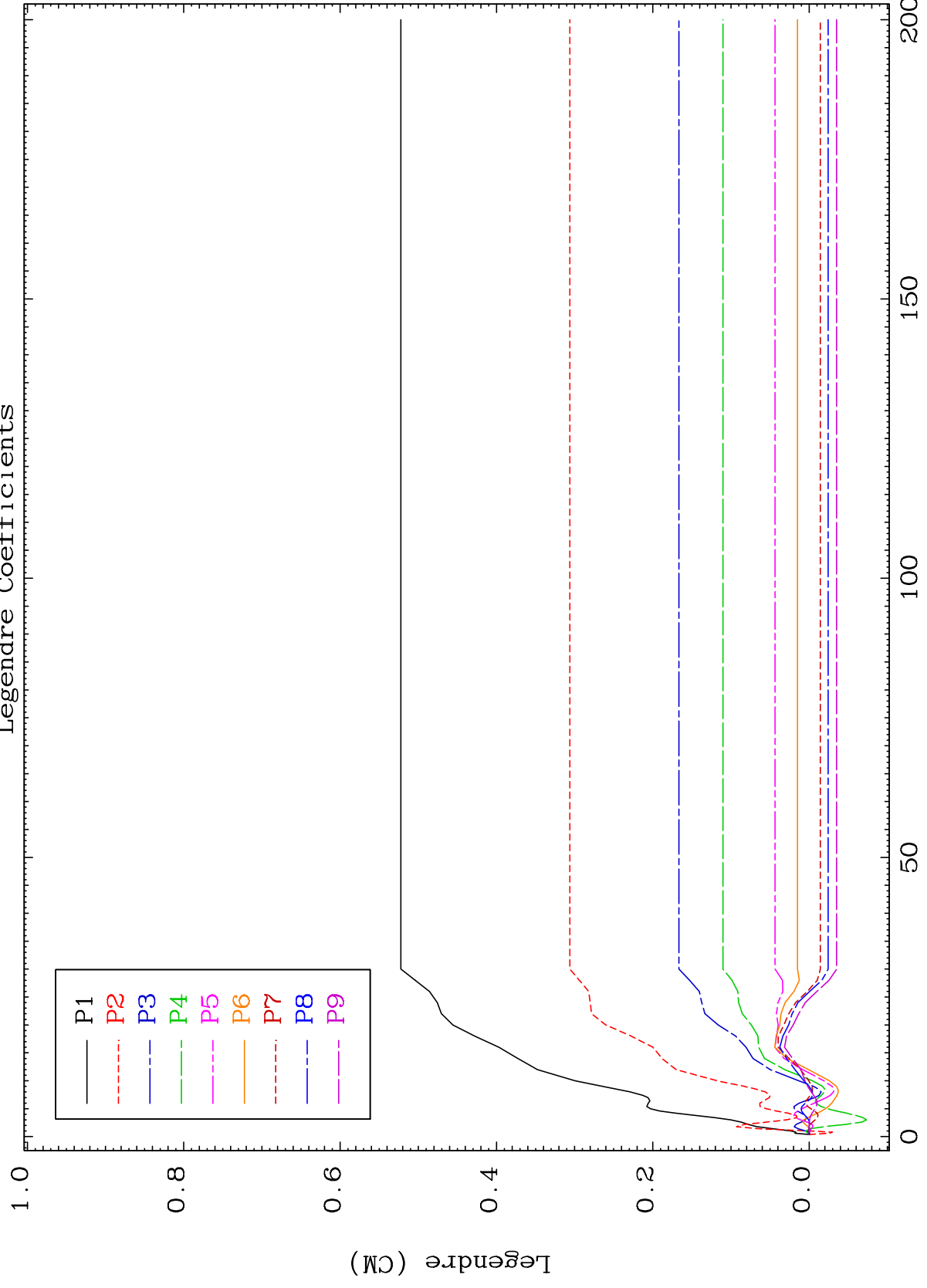
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



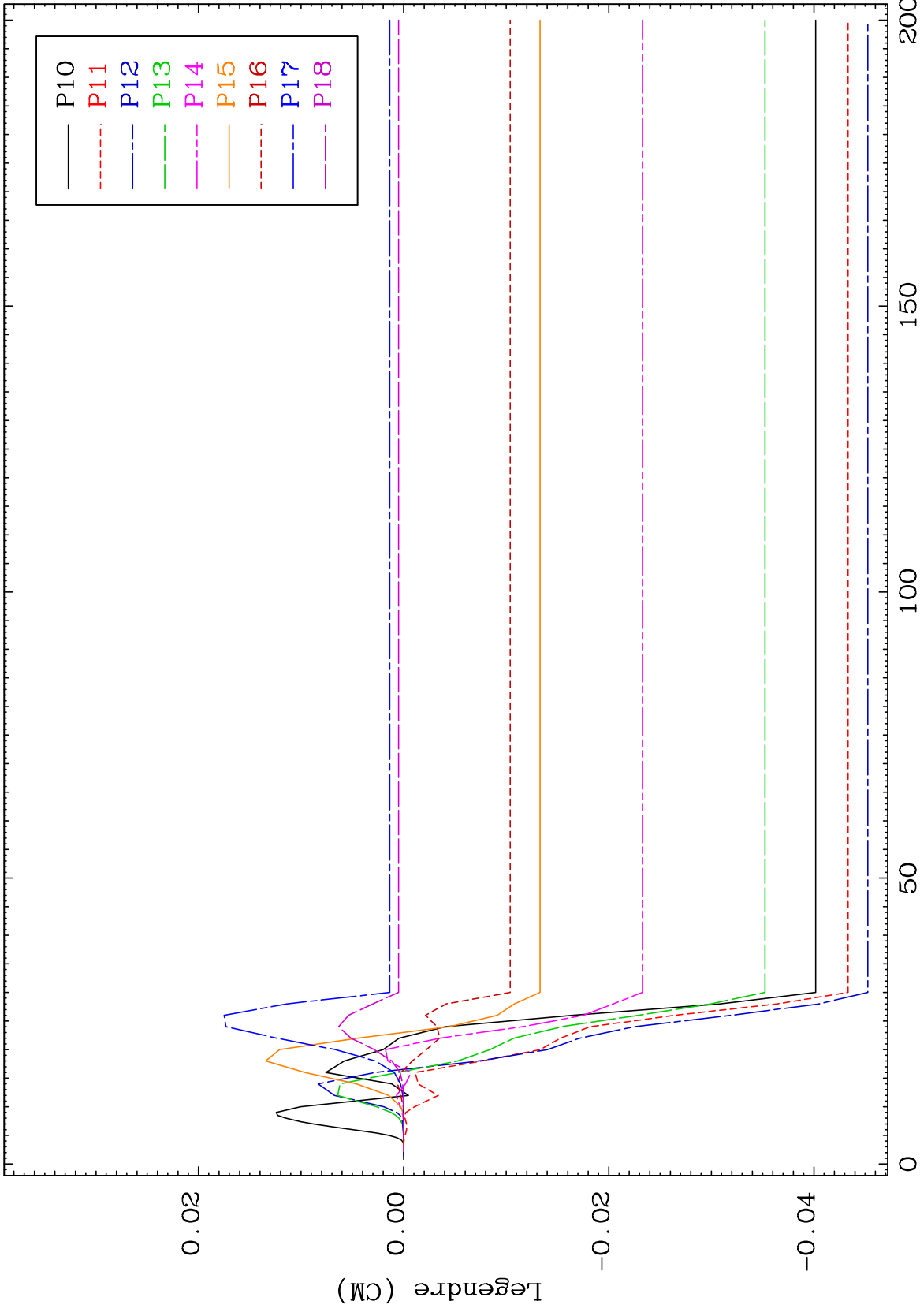
66-Dy-154

Incident Energy (MeV)

MAT 6619

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

66-Dy-154



21

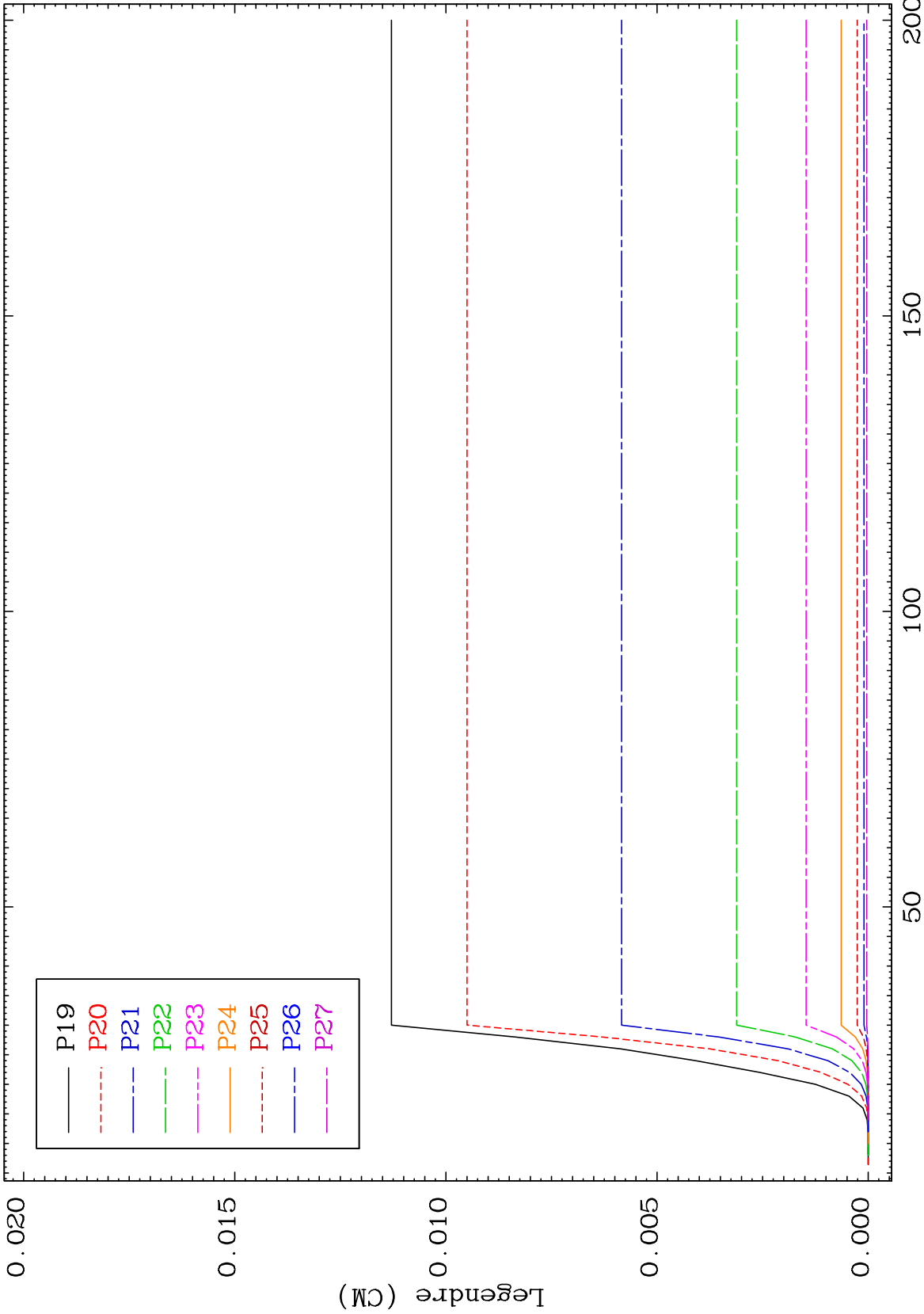
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



22

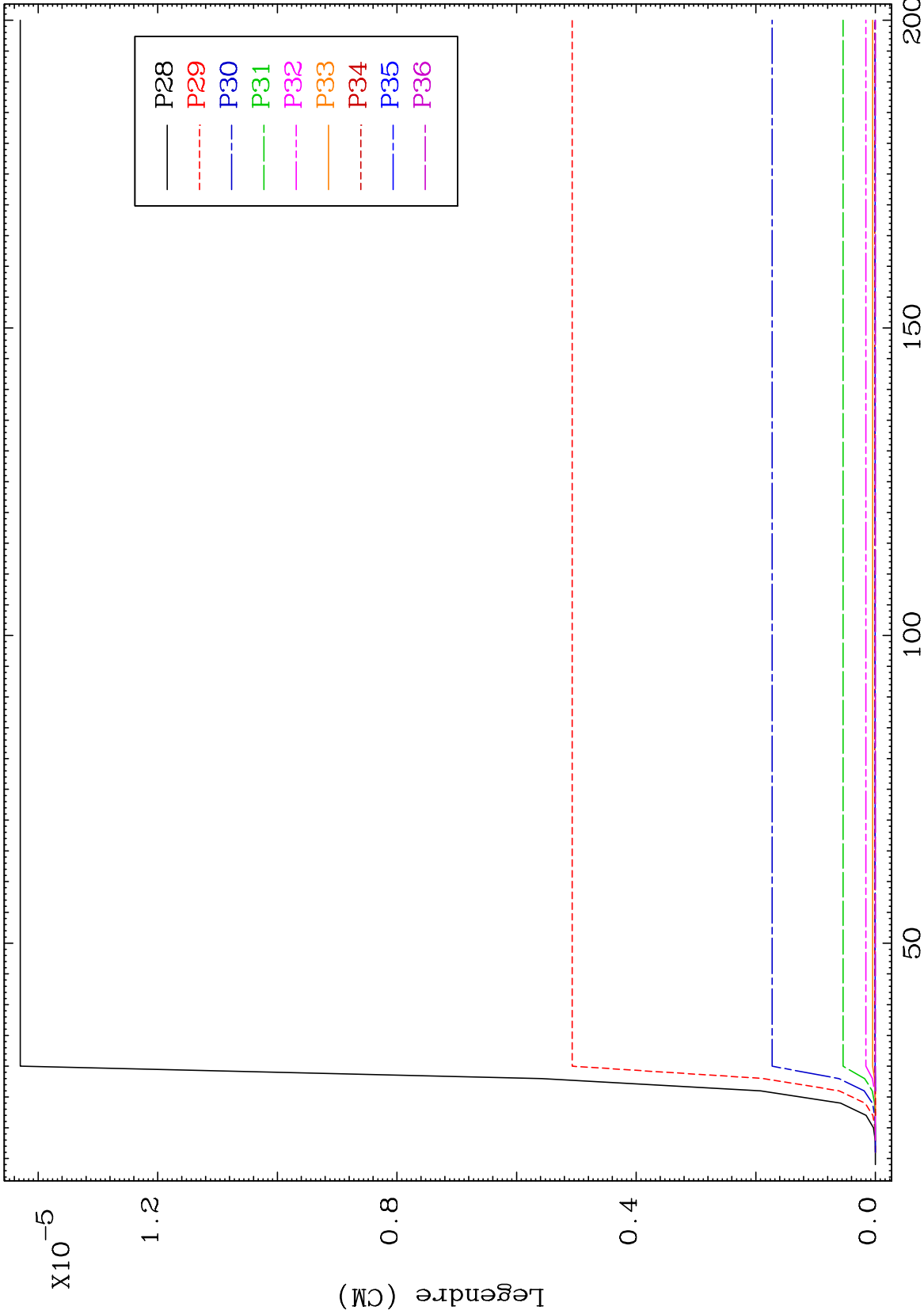
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154

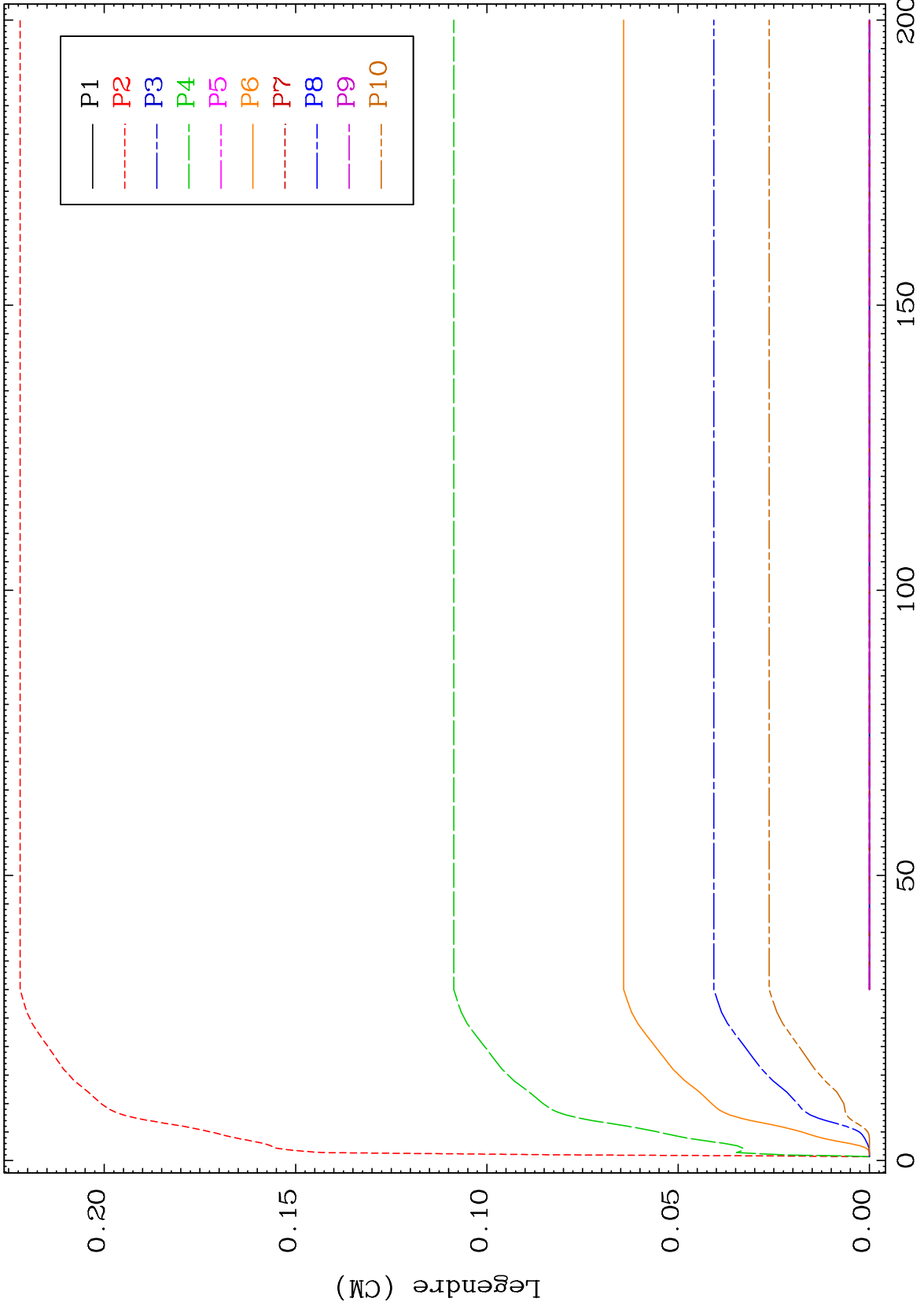


23

Incident Energy (MeV)

66-Dy-154

MAT 6619 MT= 52 (n,n') Level Legendre Coefficients 66-Dy-154

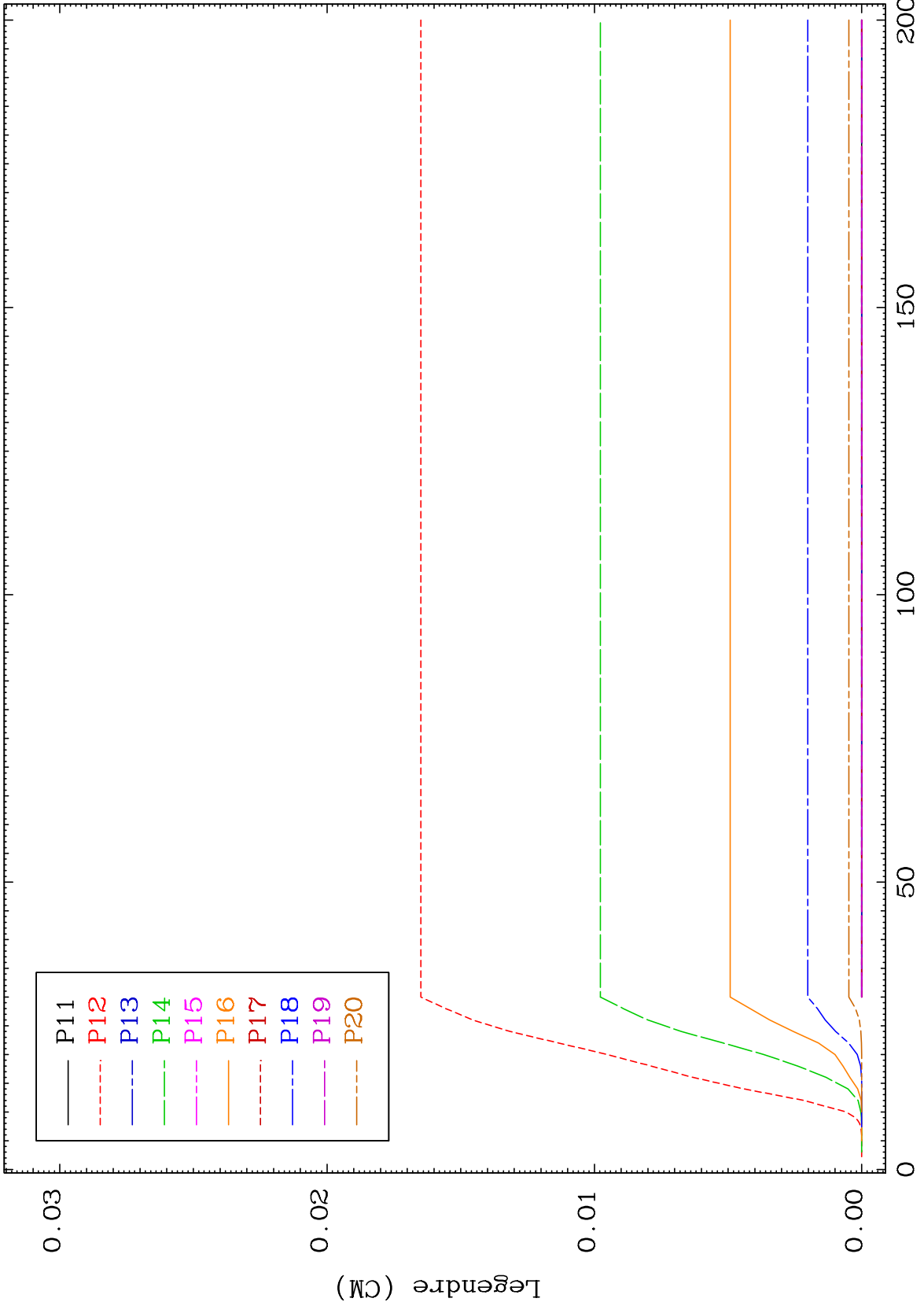


24 Incident Energy (MeV) 66-Dy-154

MAT 6619

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

66-Dy-154

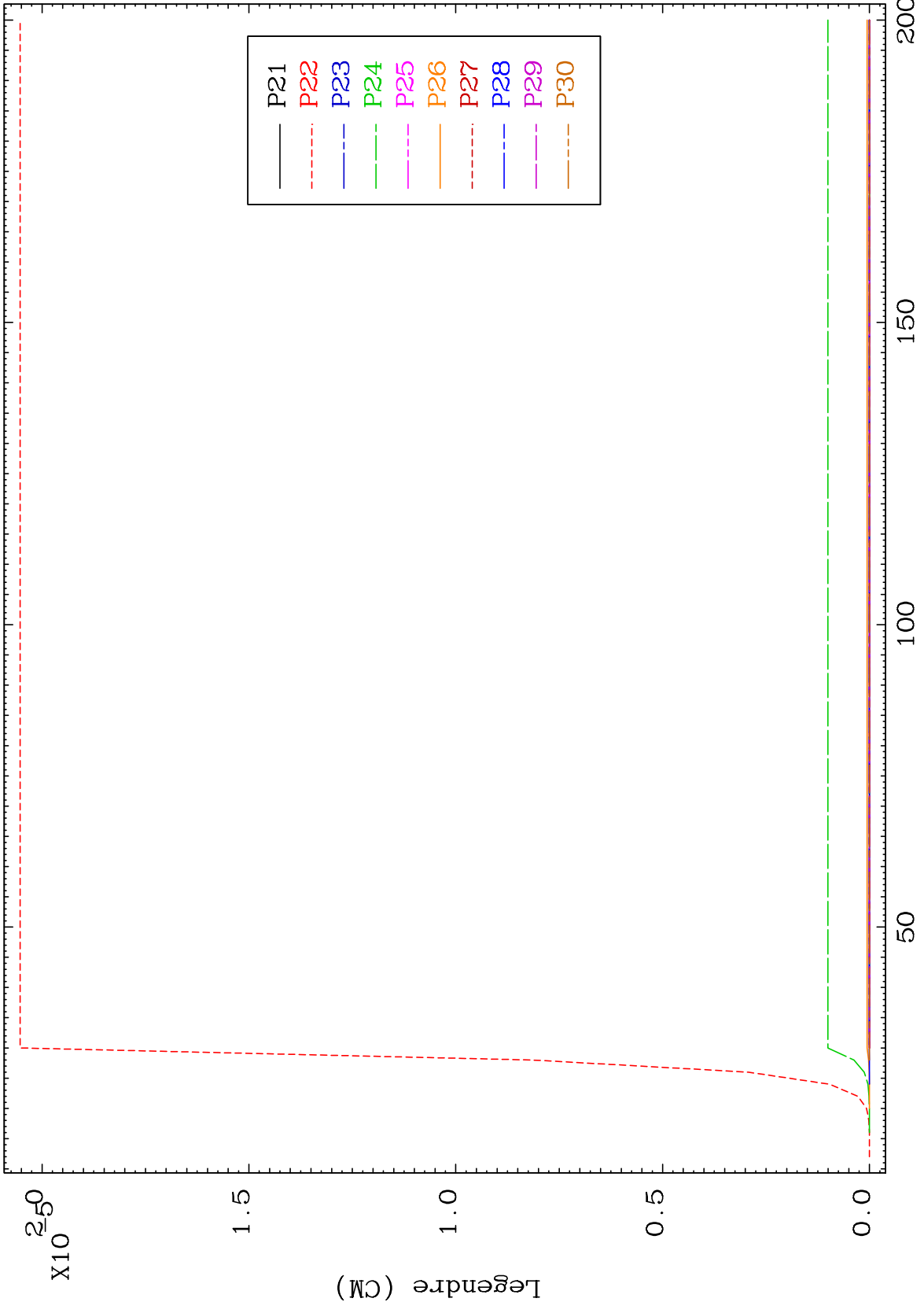


25

Incident Energy (MeV)

66-Dy-154

MAT 6619 MT= 52 (n,n') Level Legendre Coefficients 66-Dy-154

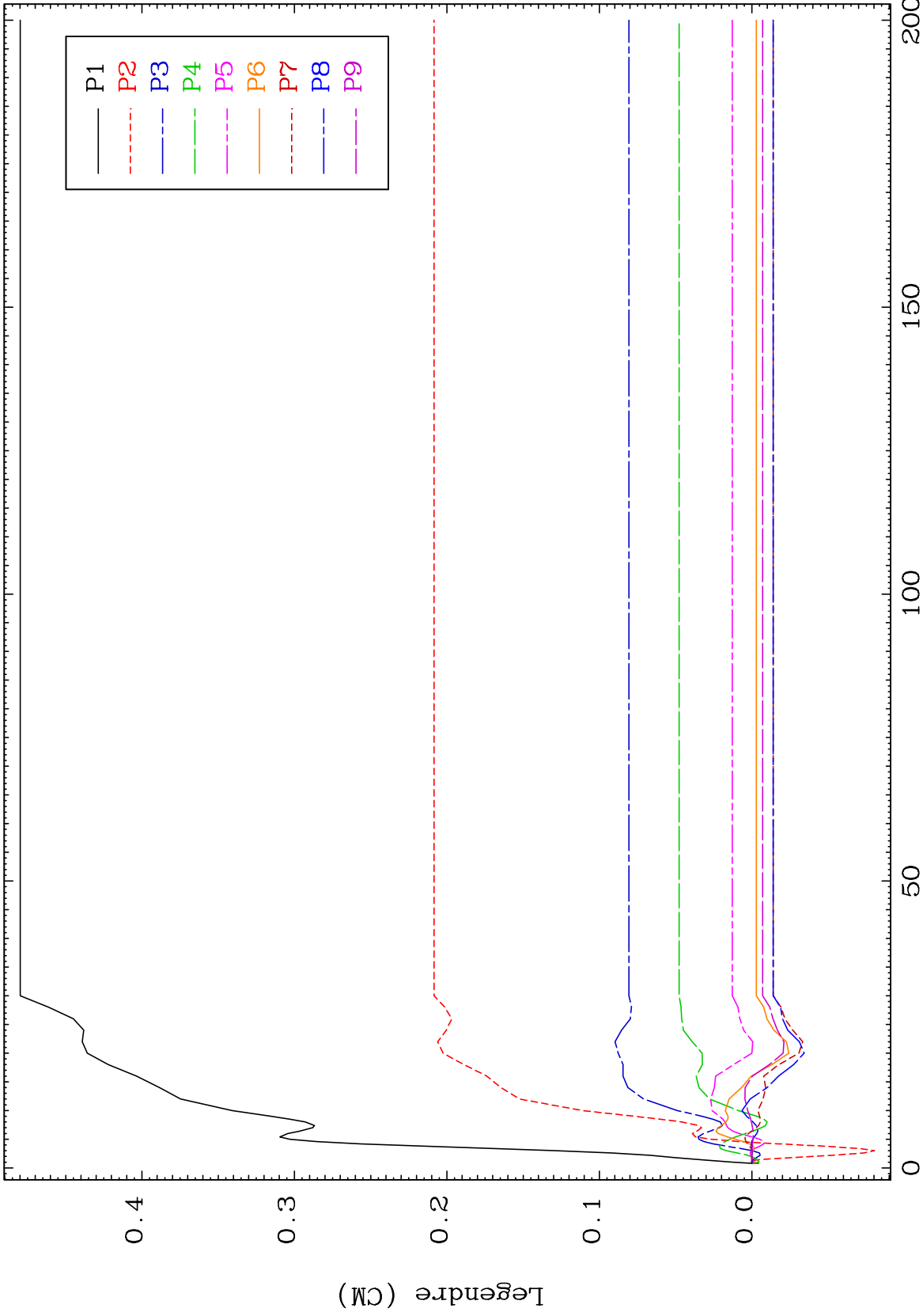


26 66-Dy-154

MAT 6619

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

66-Dy-154

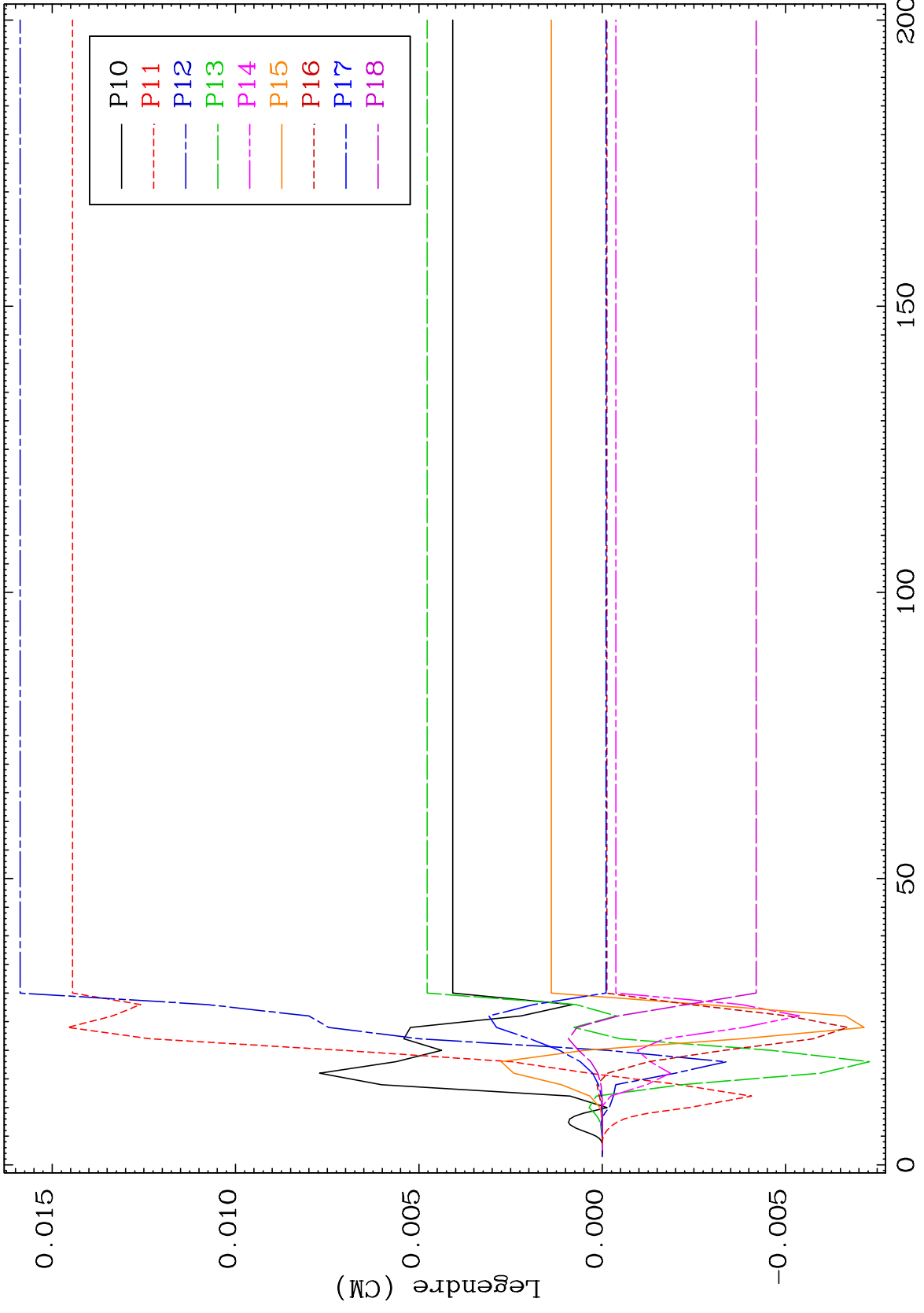


27

Incident Energy (MeV)

66-Dy-154

MAT 6619 MT= 53 (n,n') Level Legendre Coefficients 66-Dy-154

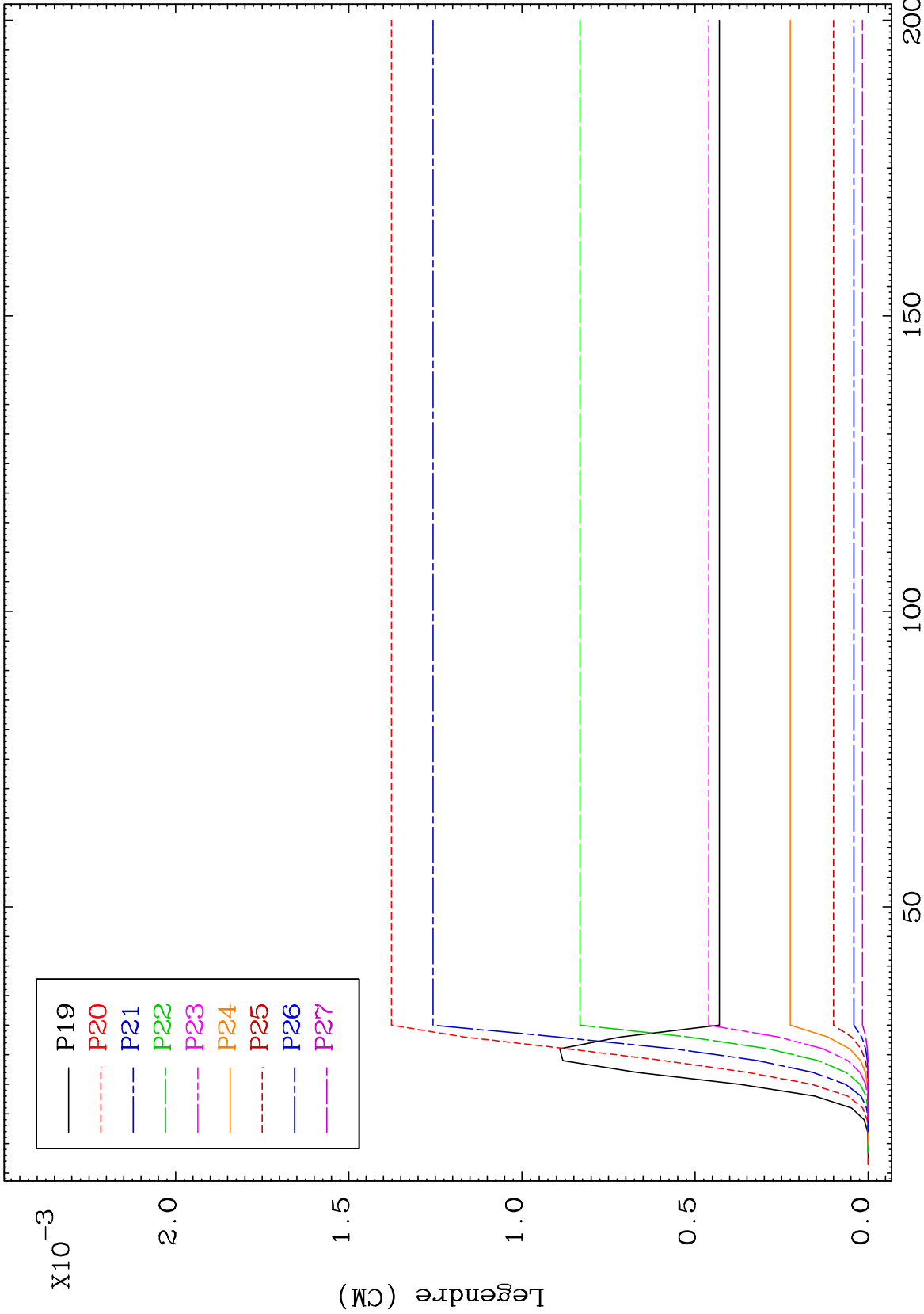


28 66-Dy-154

MAT 6619

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

66-Dy-154



29

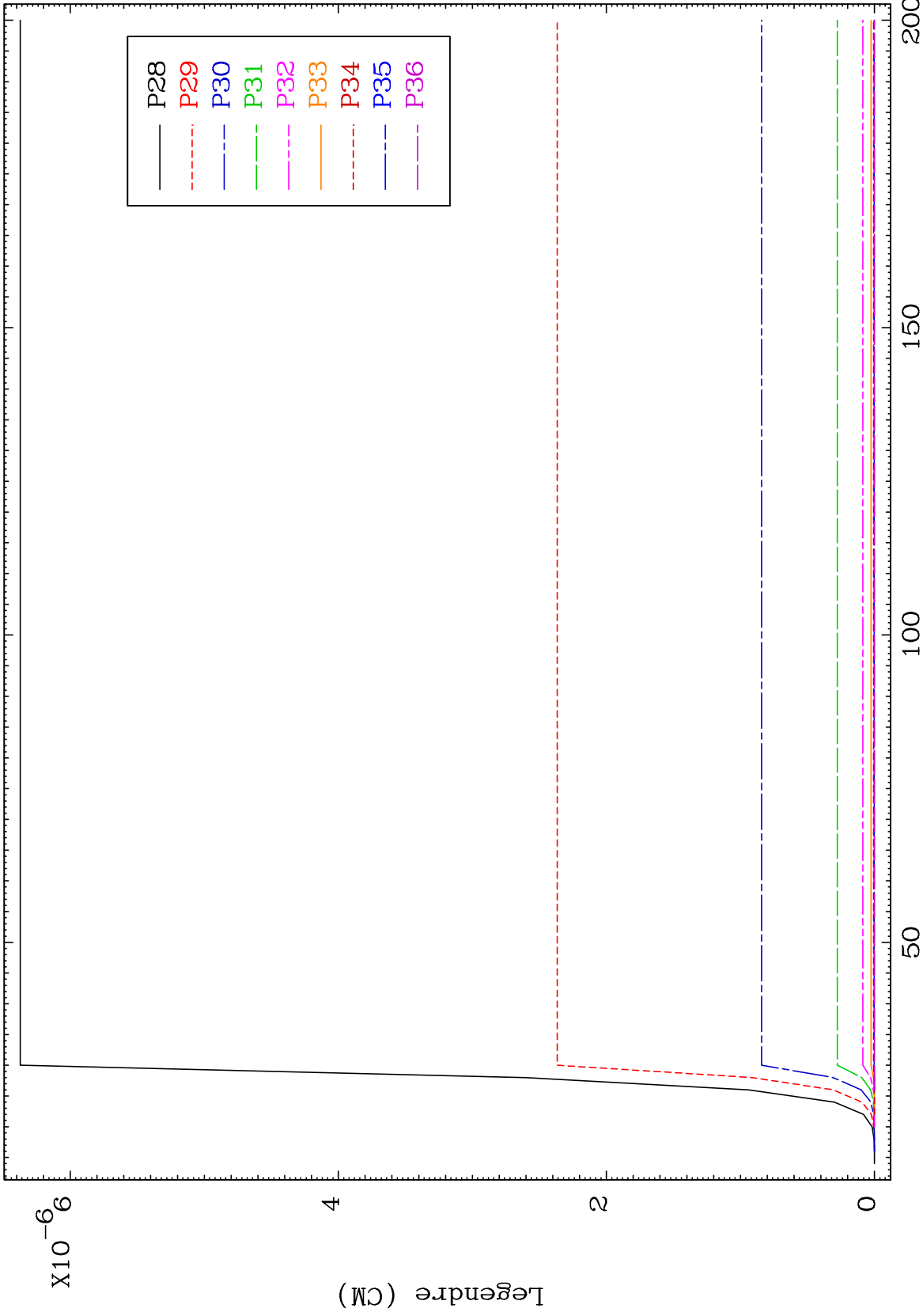
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



30

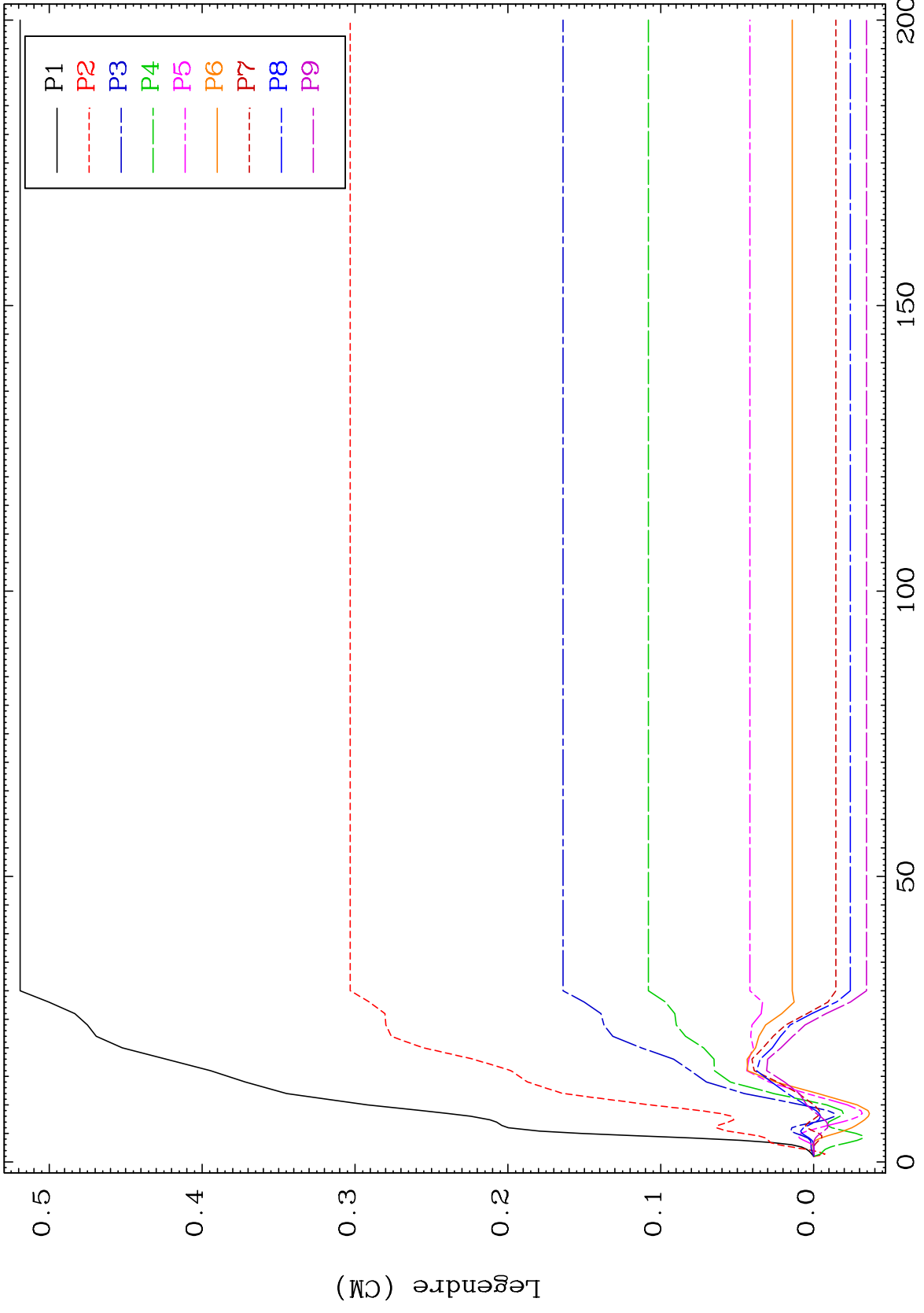
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



31

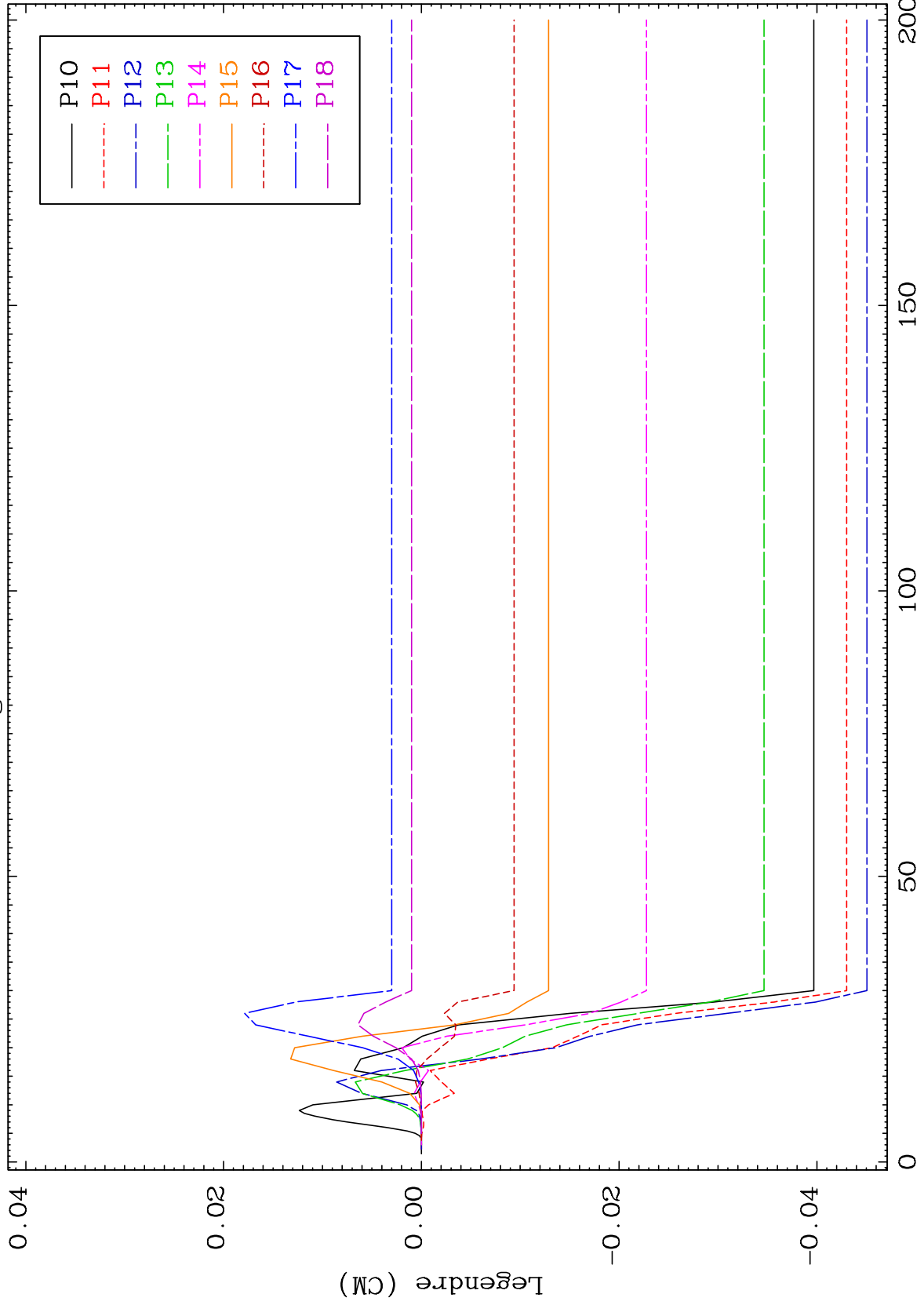
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



32

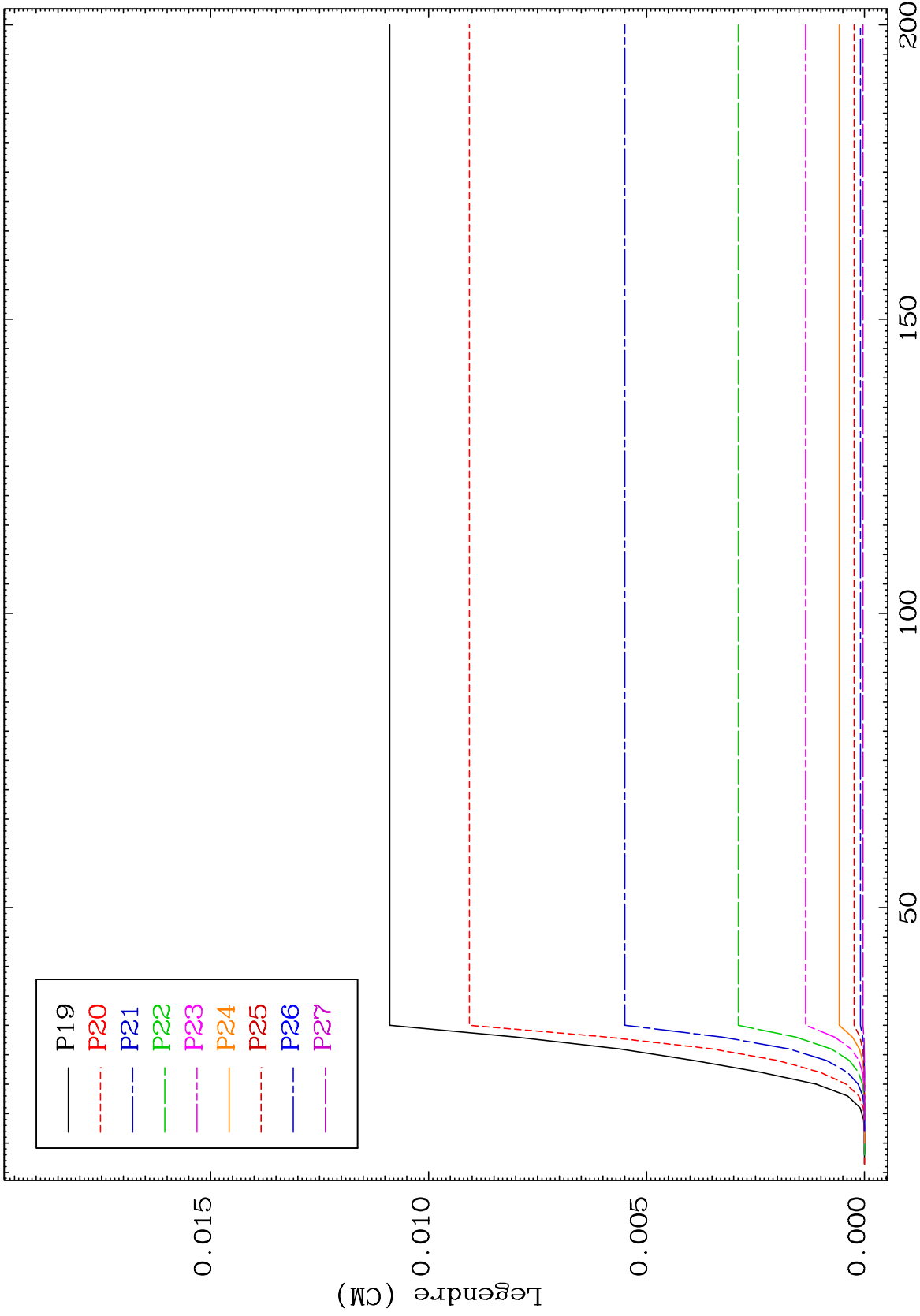
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



33

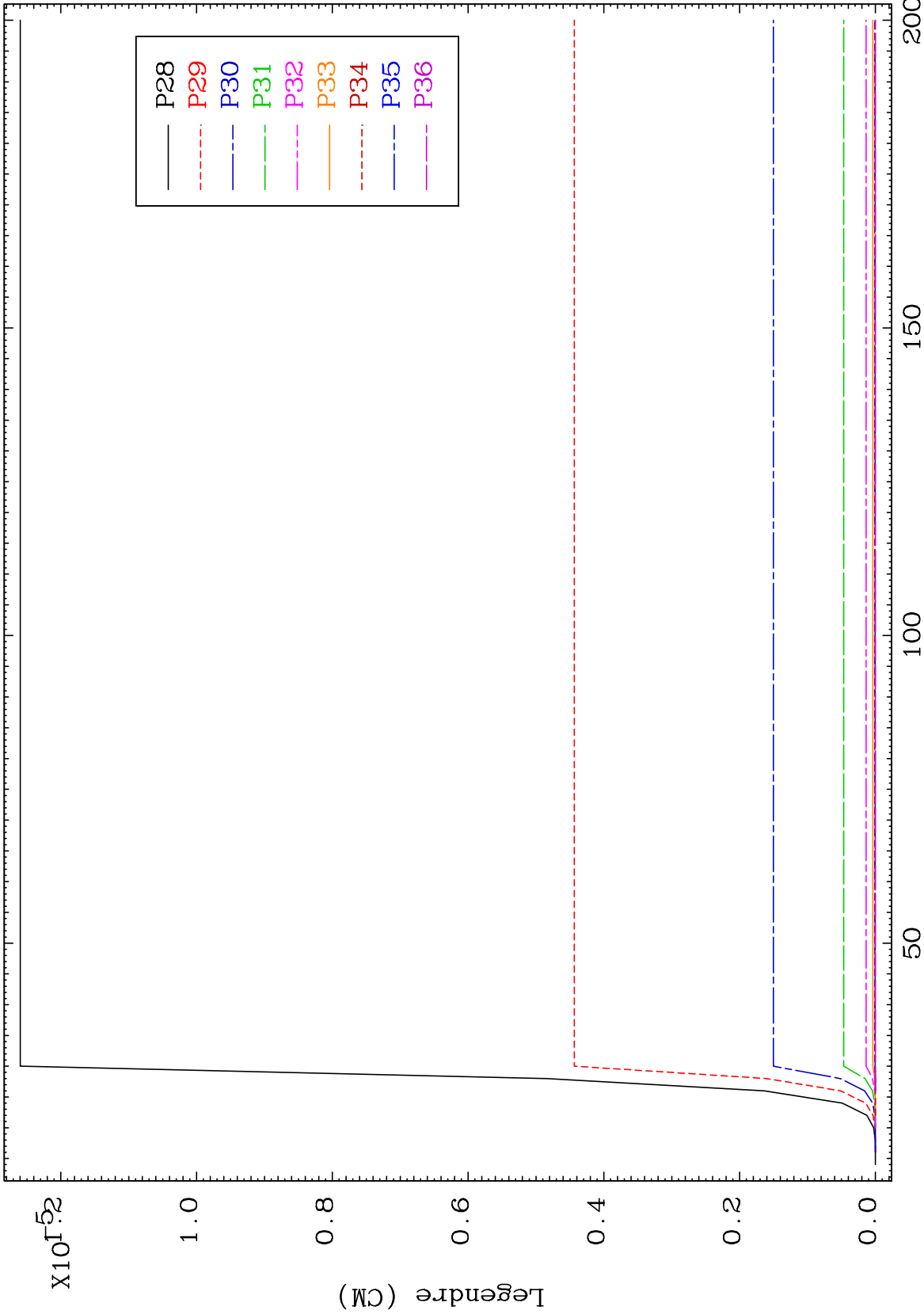
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



34

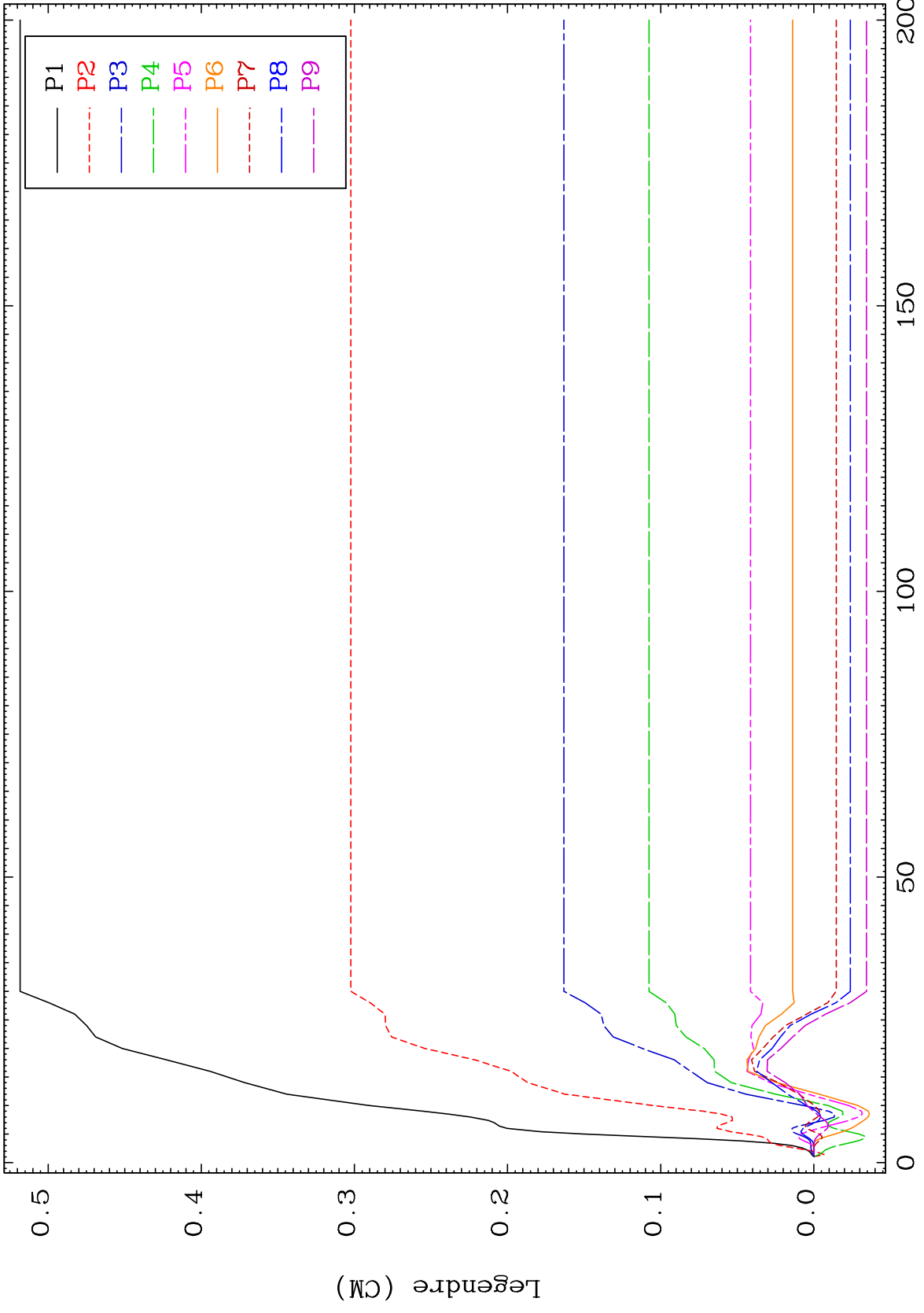
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



35

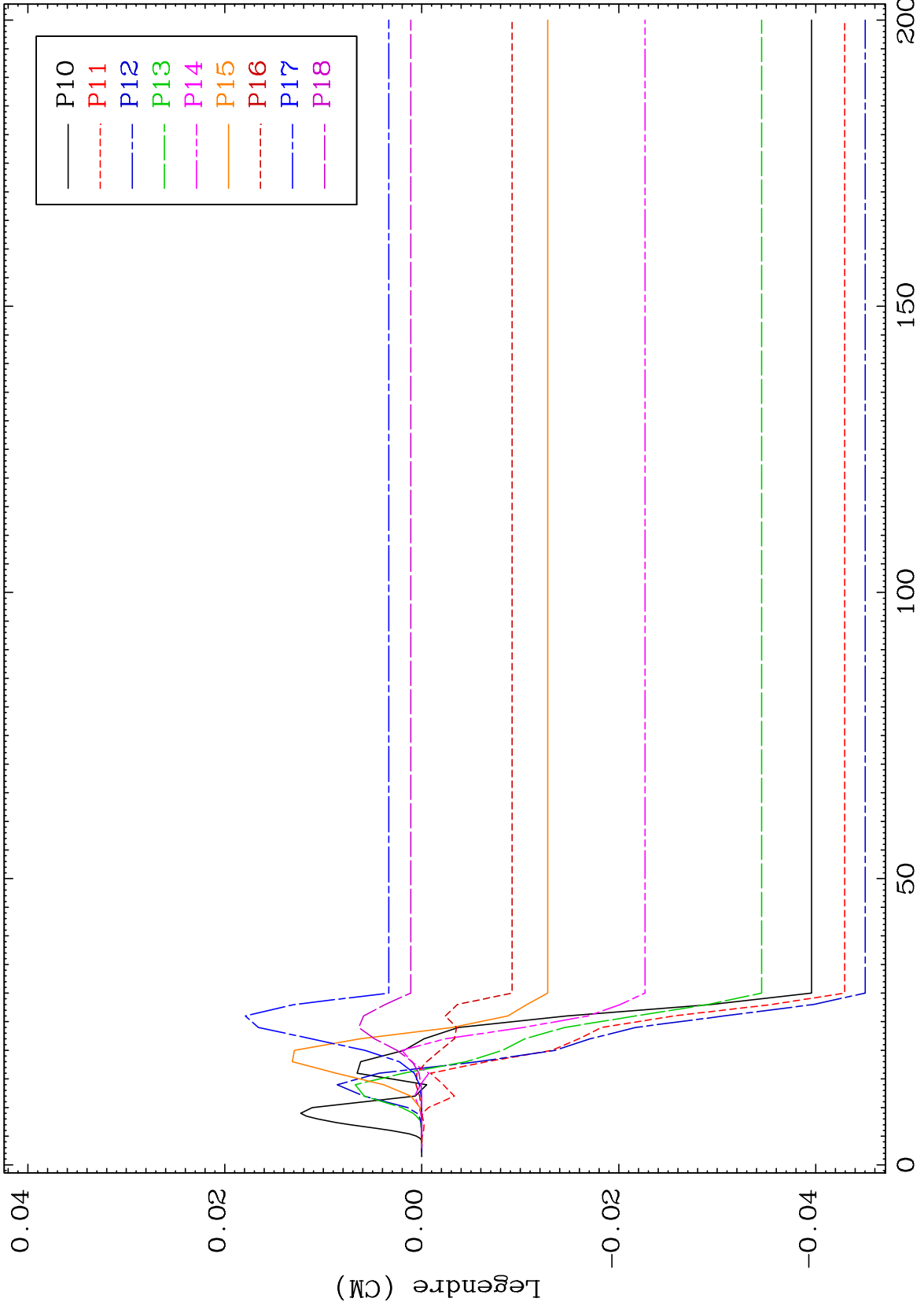
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



36

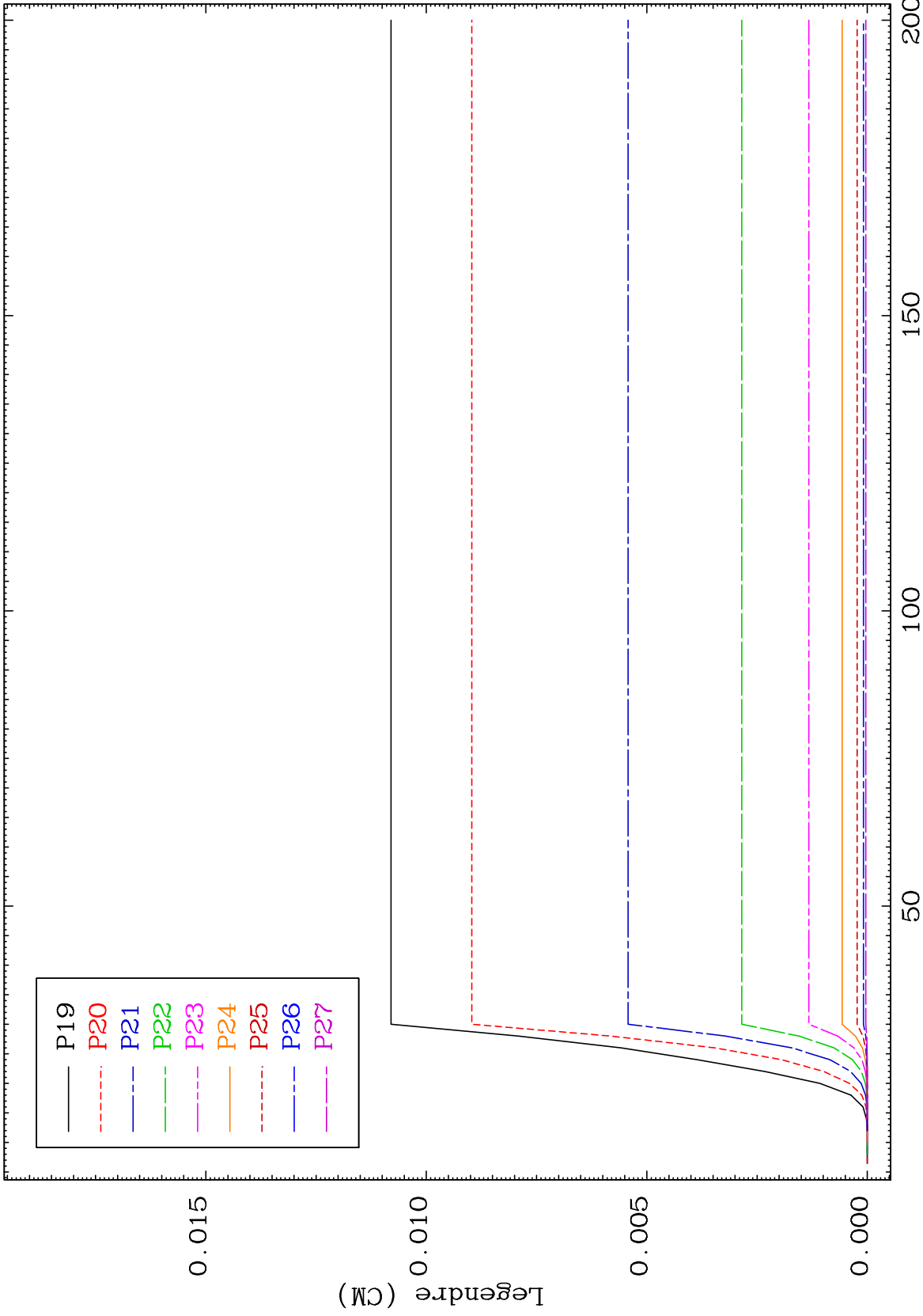
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



37

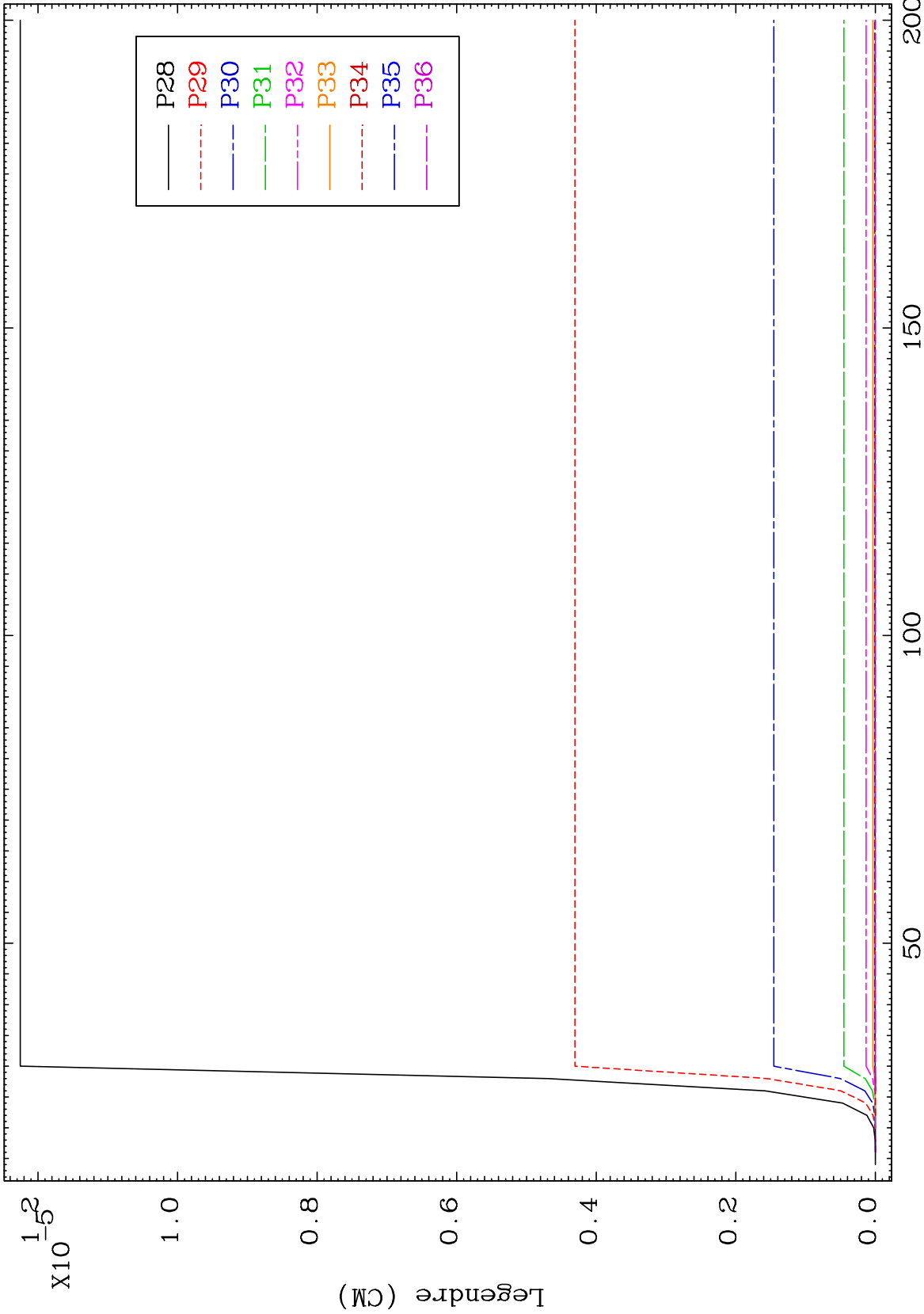
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154

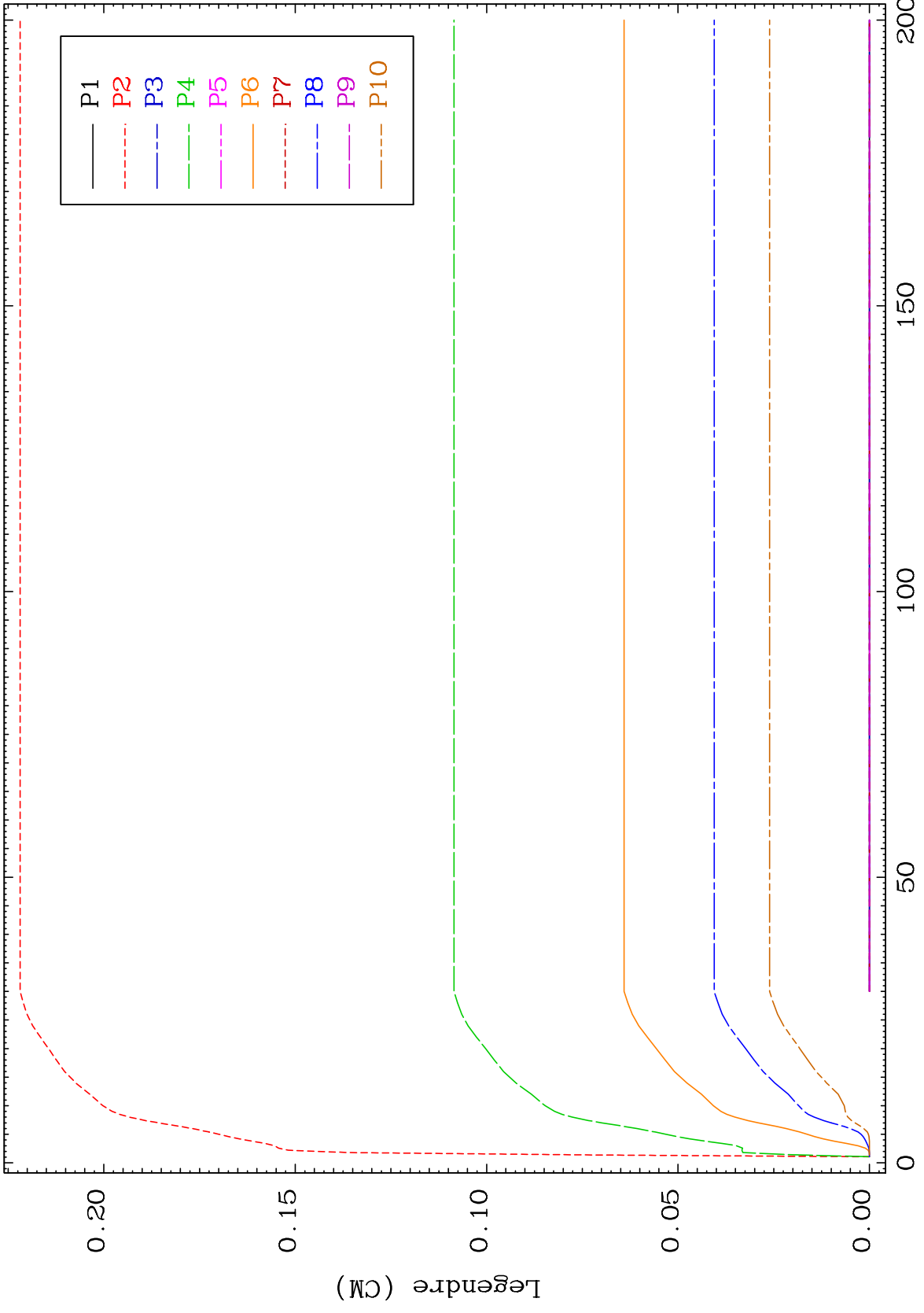


38

Incident Energy (MeV)

66-Dy-154

MAT 6619 MT= 56 (n,n') Level Legendre Coefficients 66-Dy-154

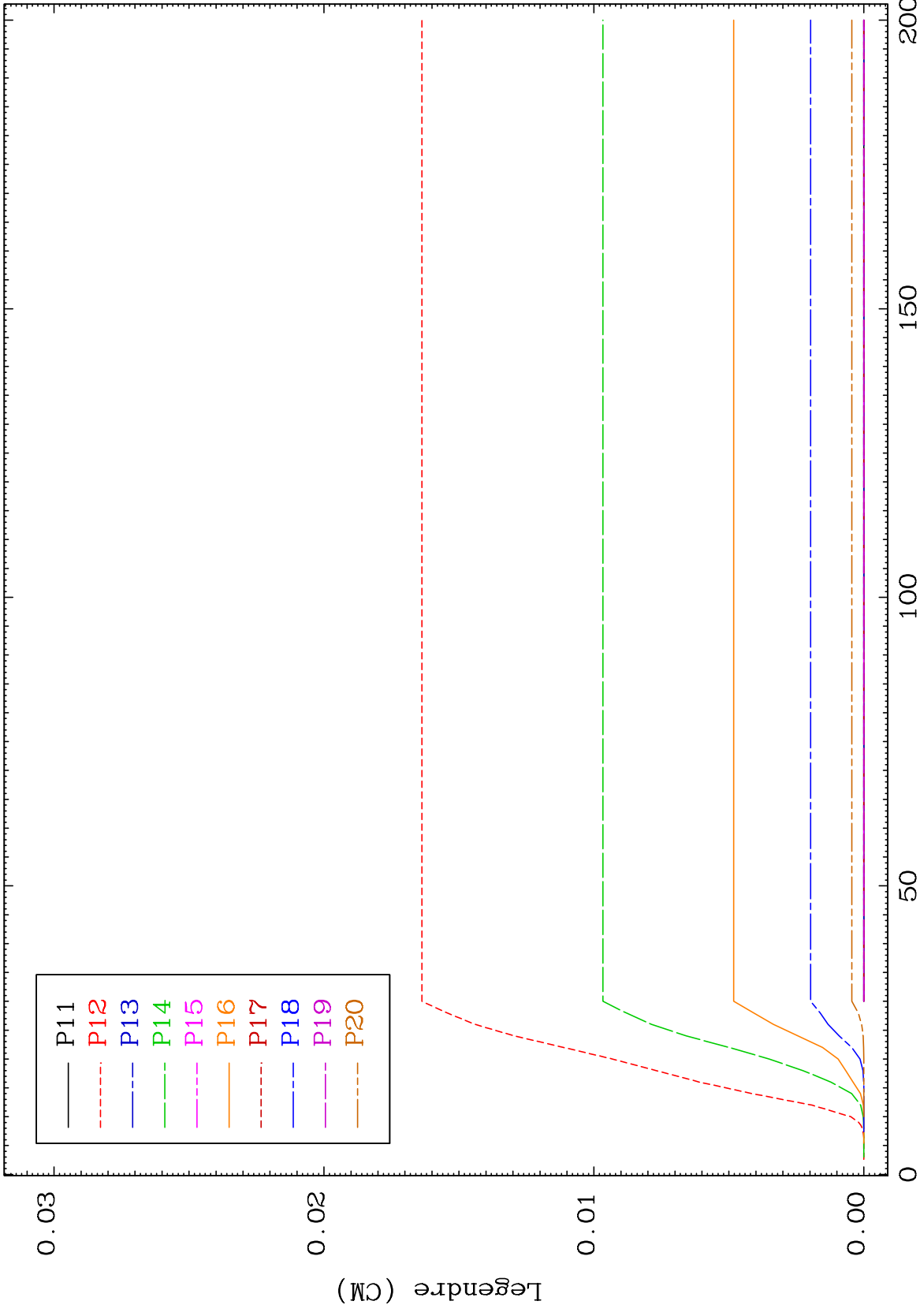


39 Incident Energy (MeV) 66-Dy-154

MAT 6619

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

66-Dy-154



40

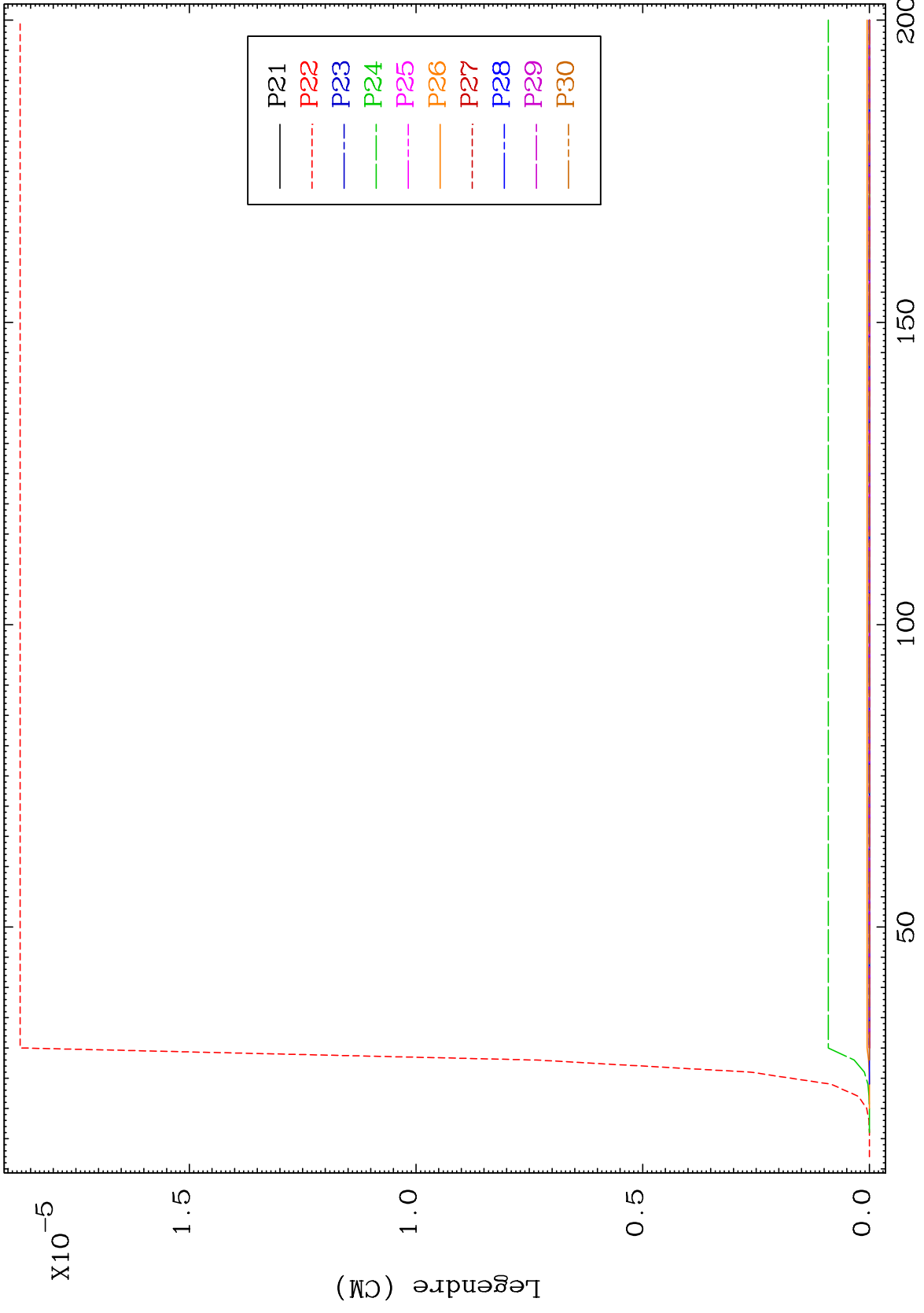
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



66-Dy-154

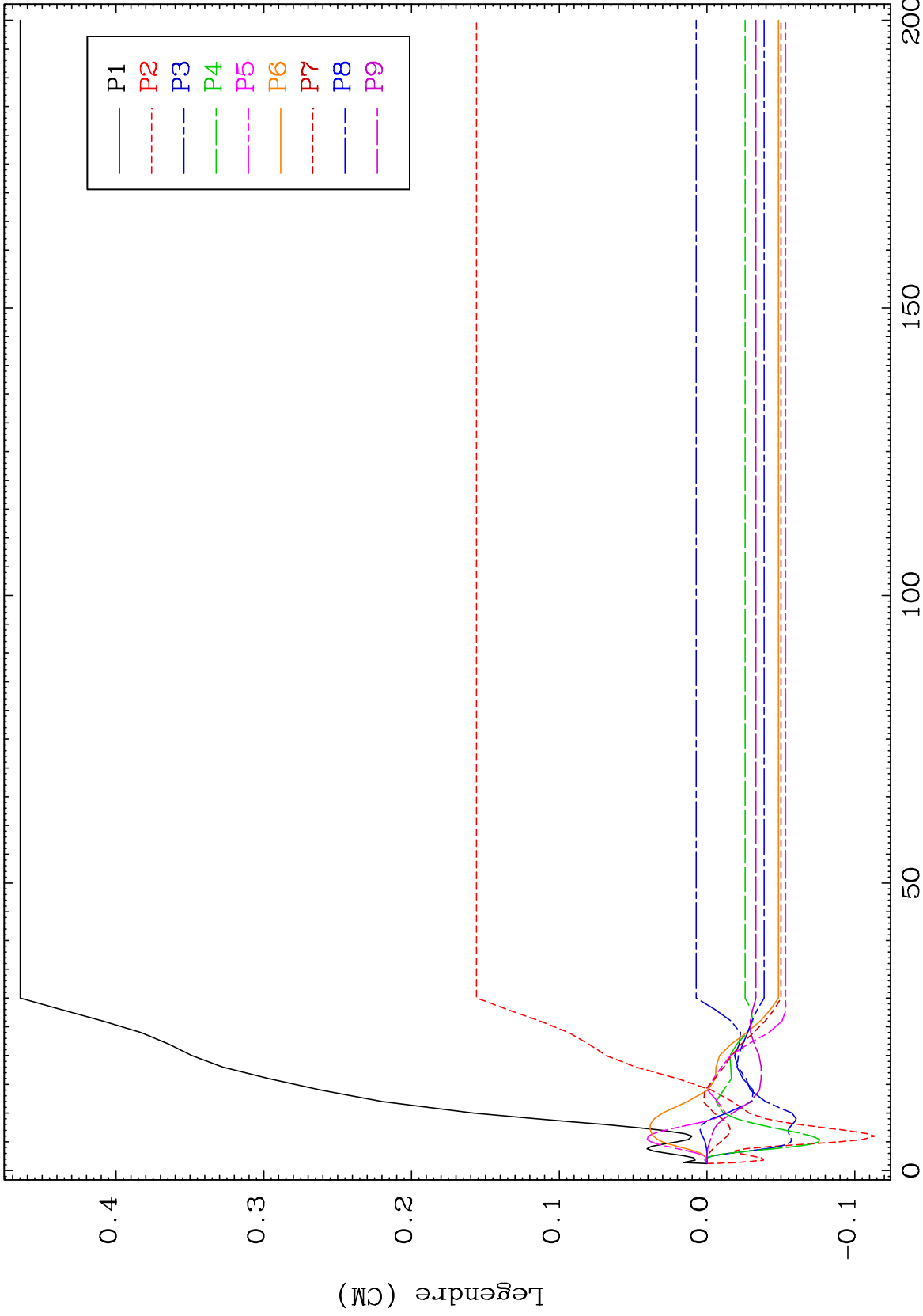
Incident Energy (MeV)

41

MAT 6619

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

66-Dy-154



42

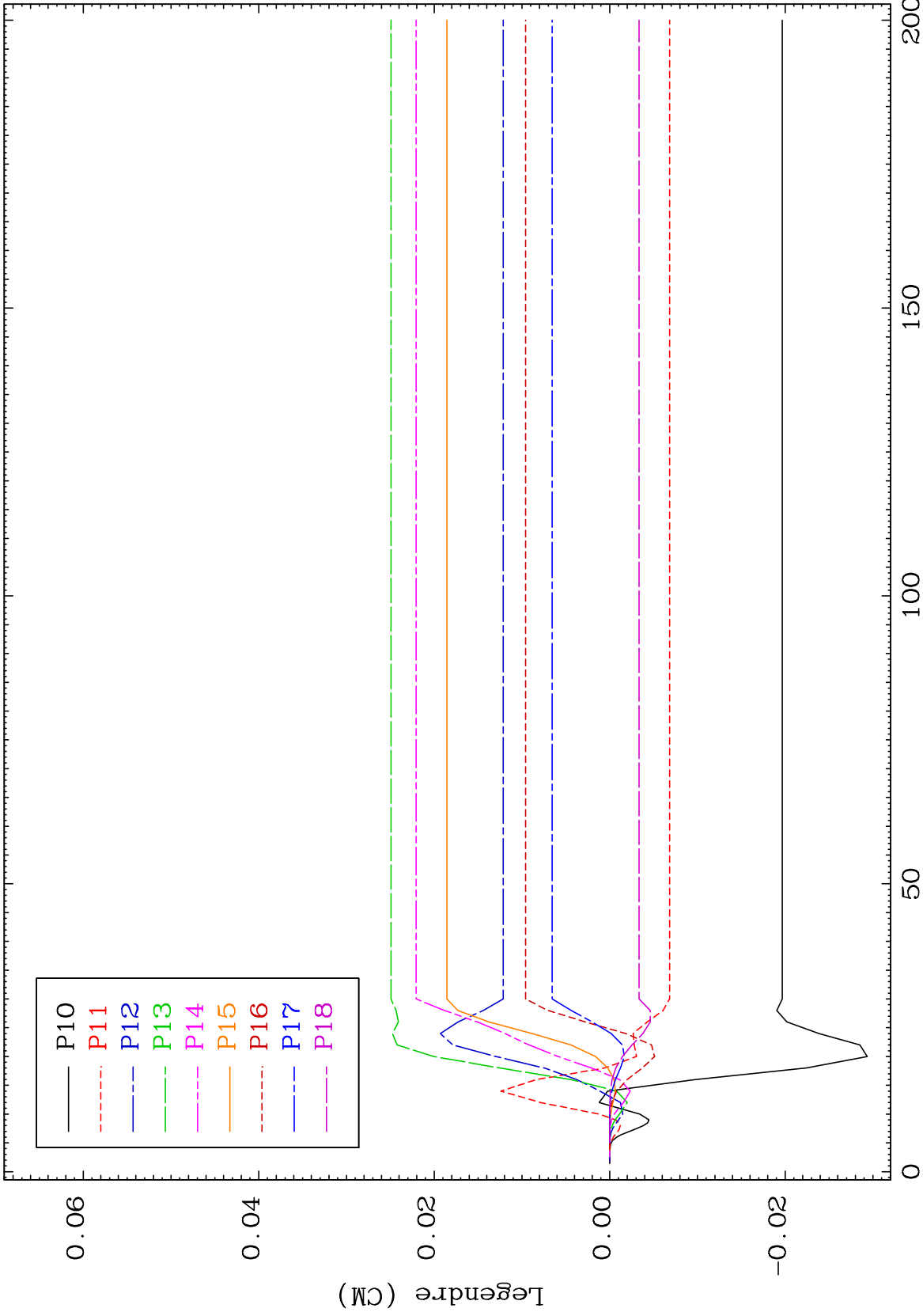
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



43

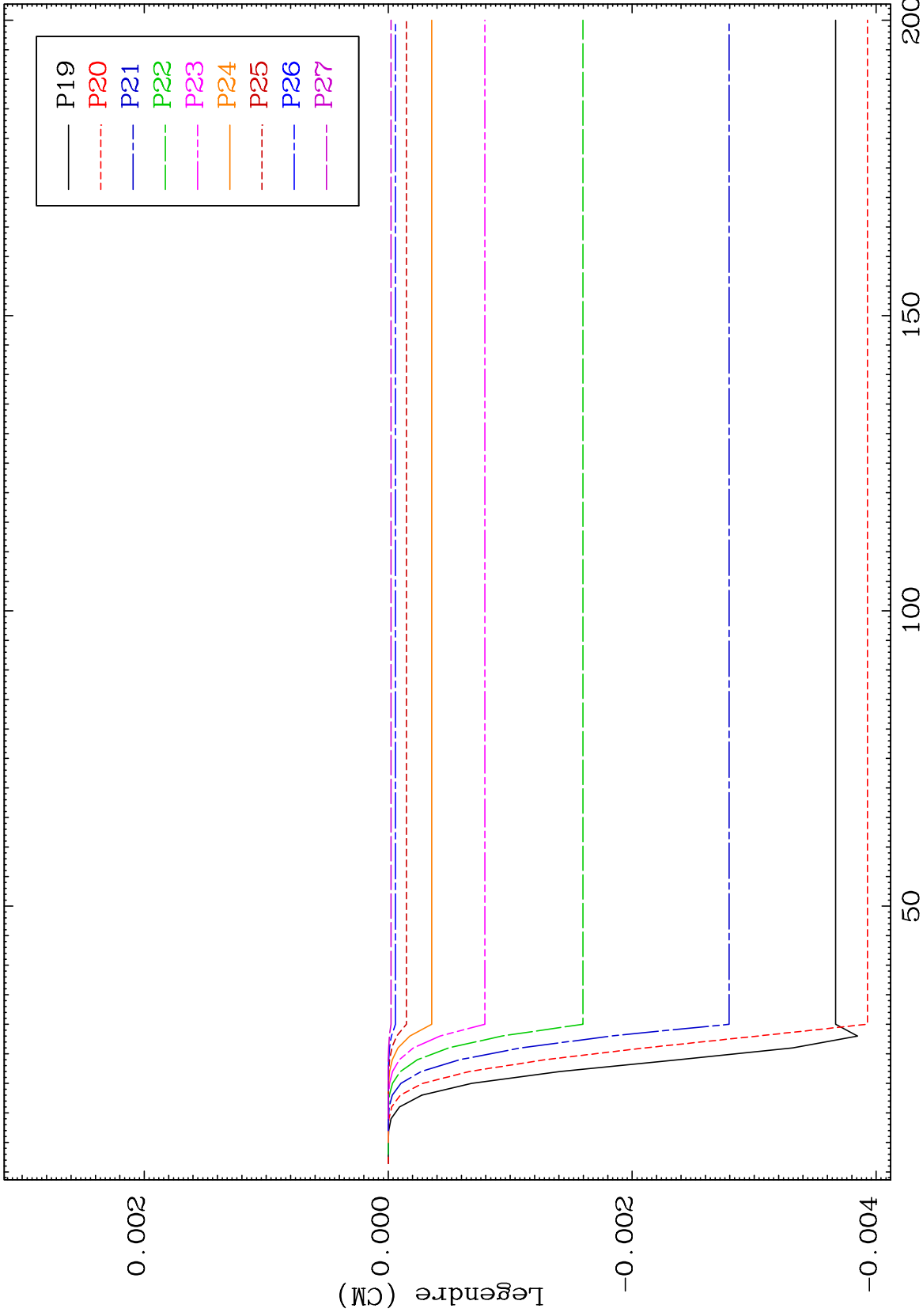
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



44

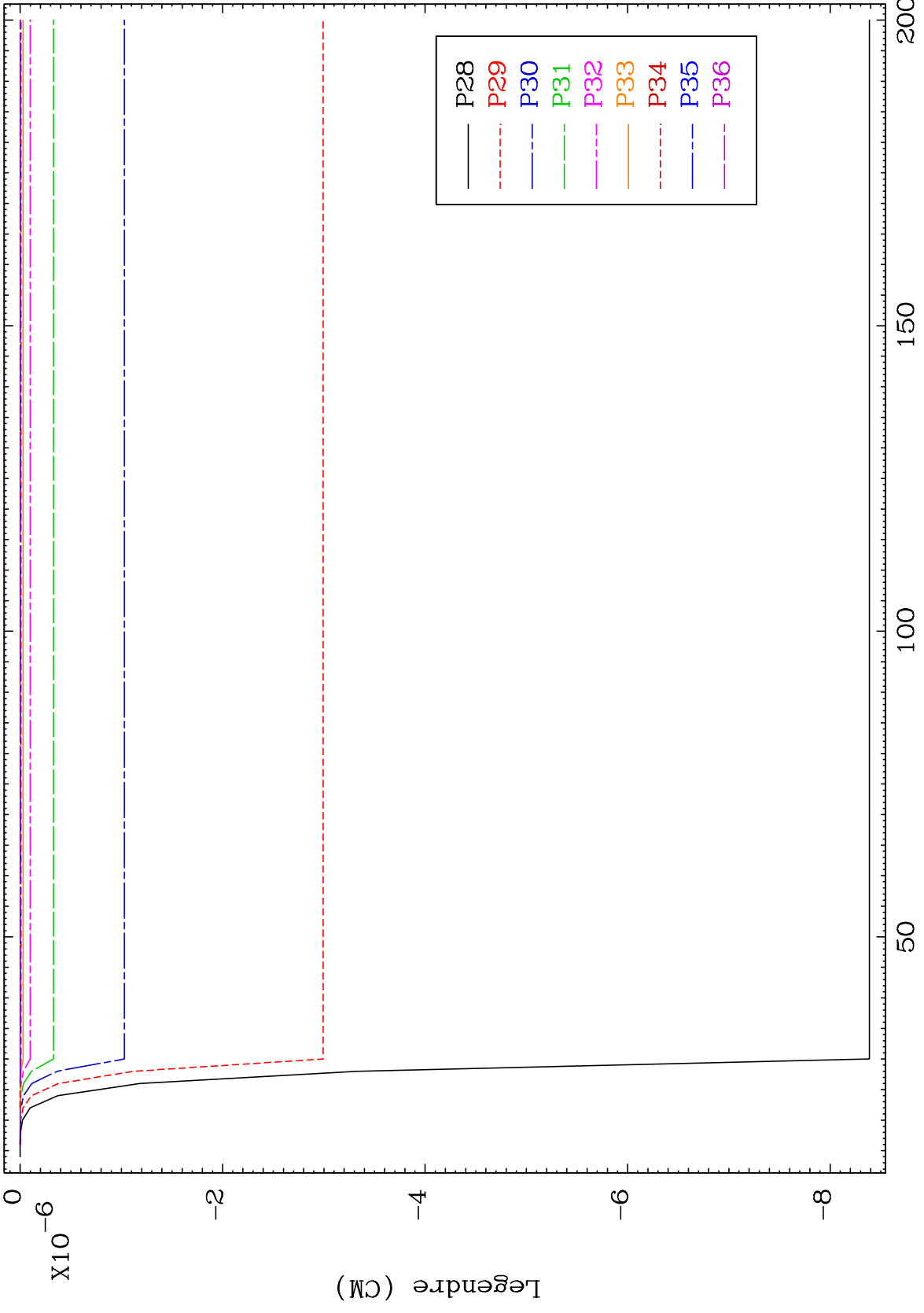
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



66-Dy-154

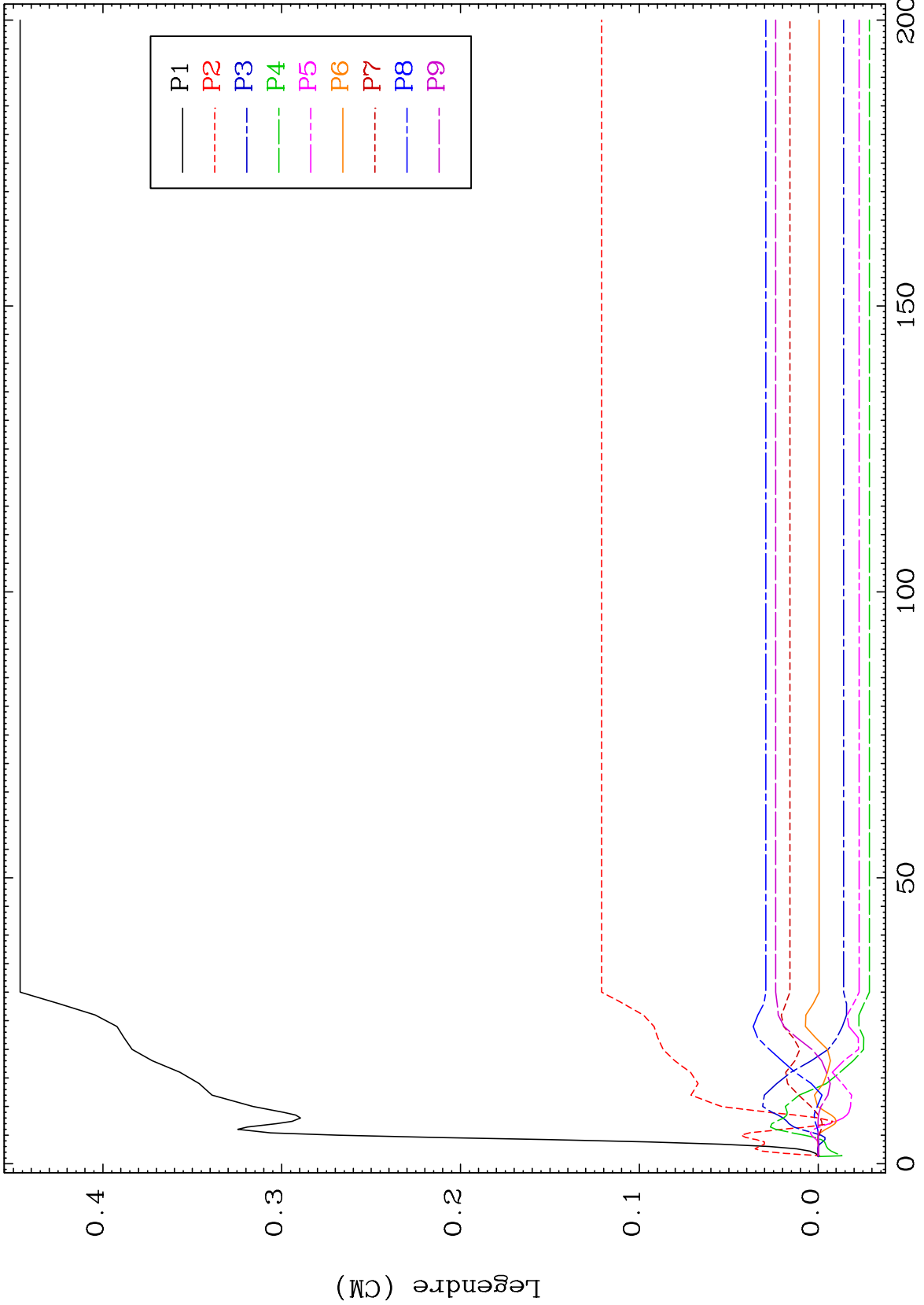
Incident Energy (MeV)

45

MAT 6619

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

66-Dy-154



46

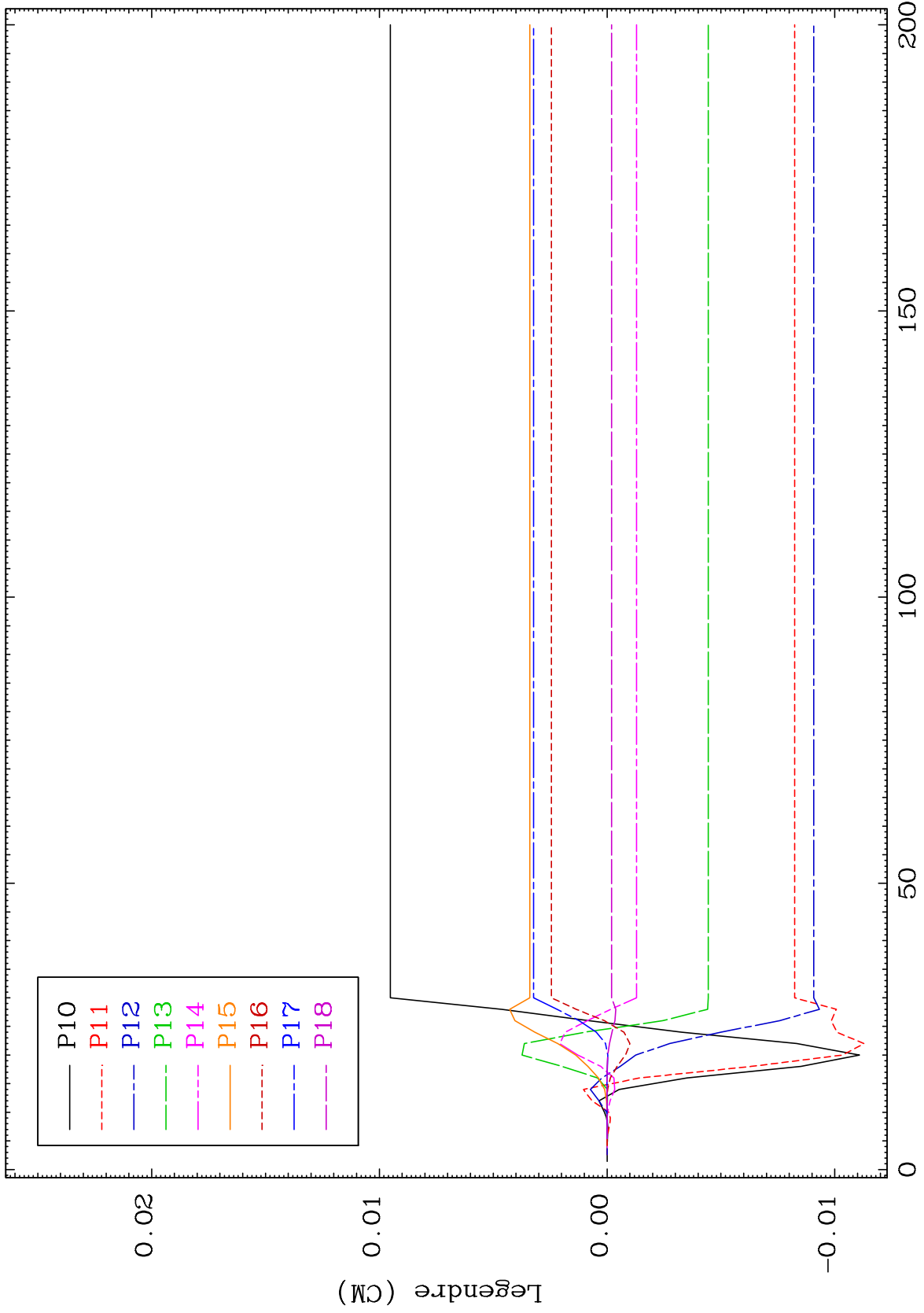
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



47

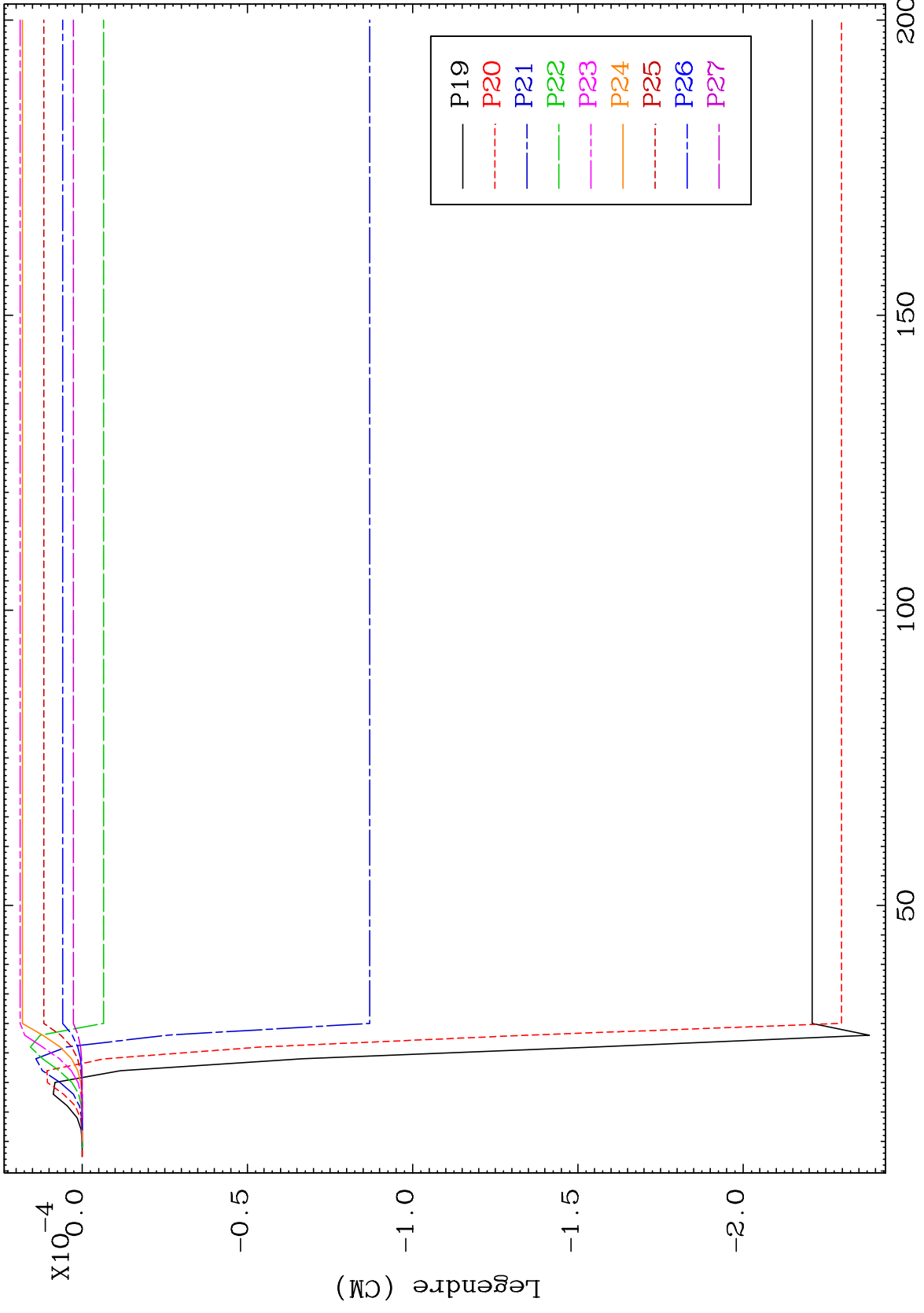
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



66-Dy-154

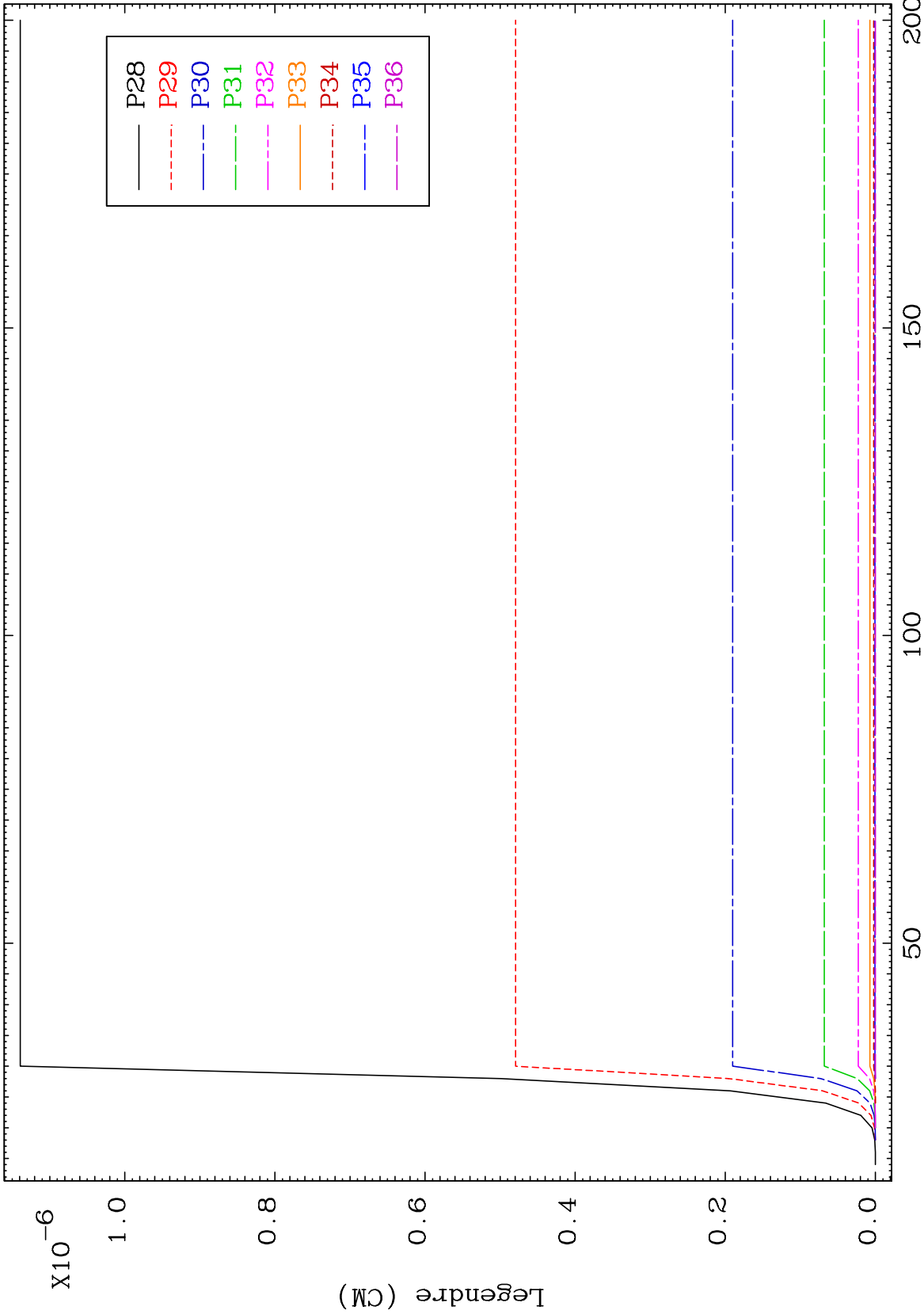
Incident Energy (MeV)

48

MAT 6619

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

66-Dy-154



49

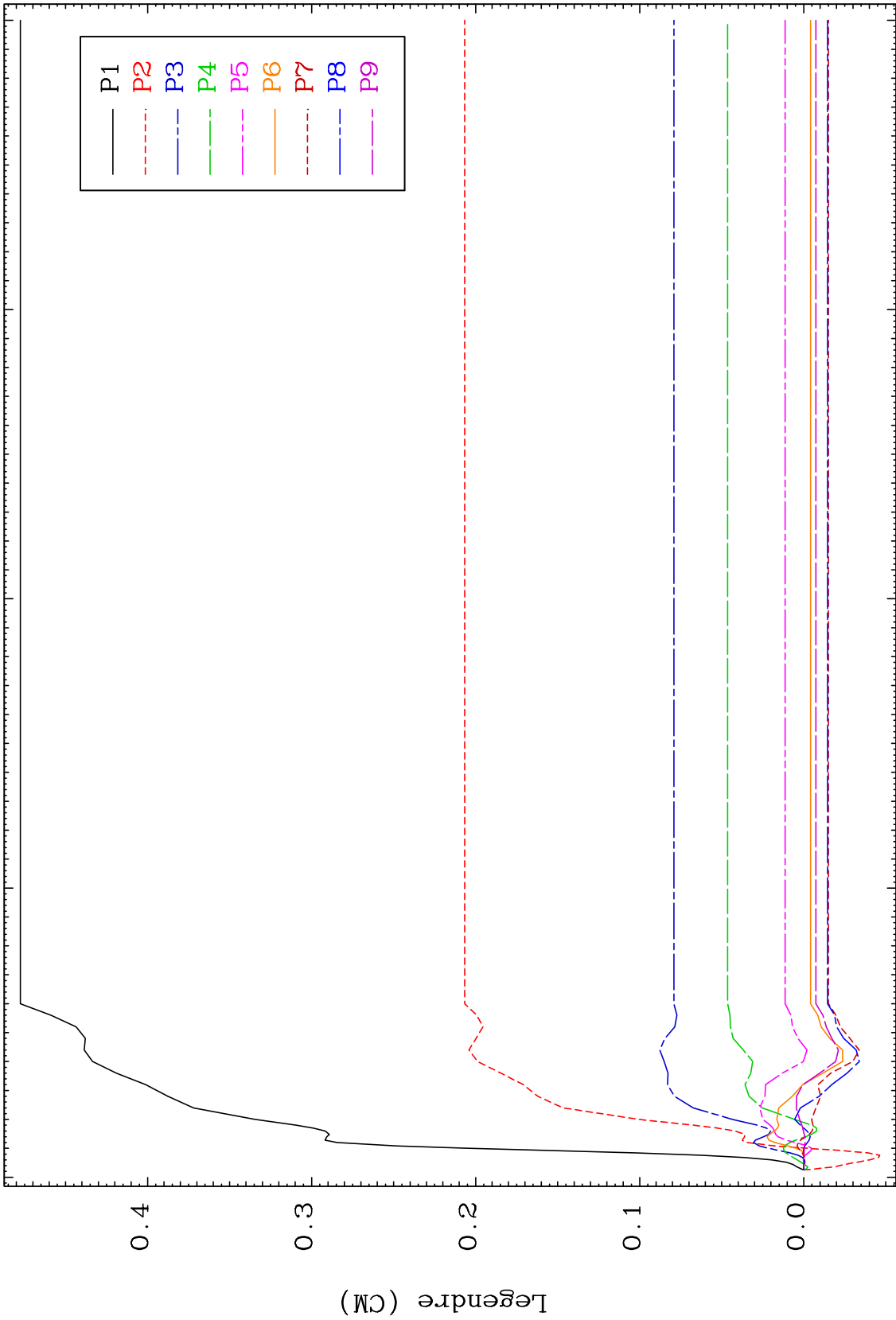
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

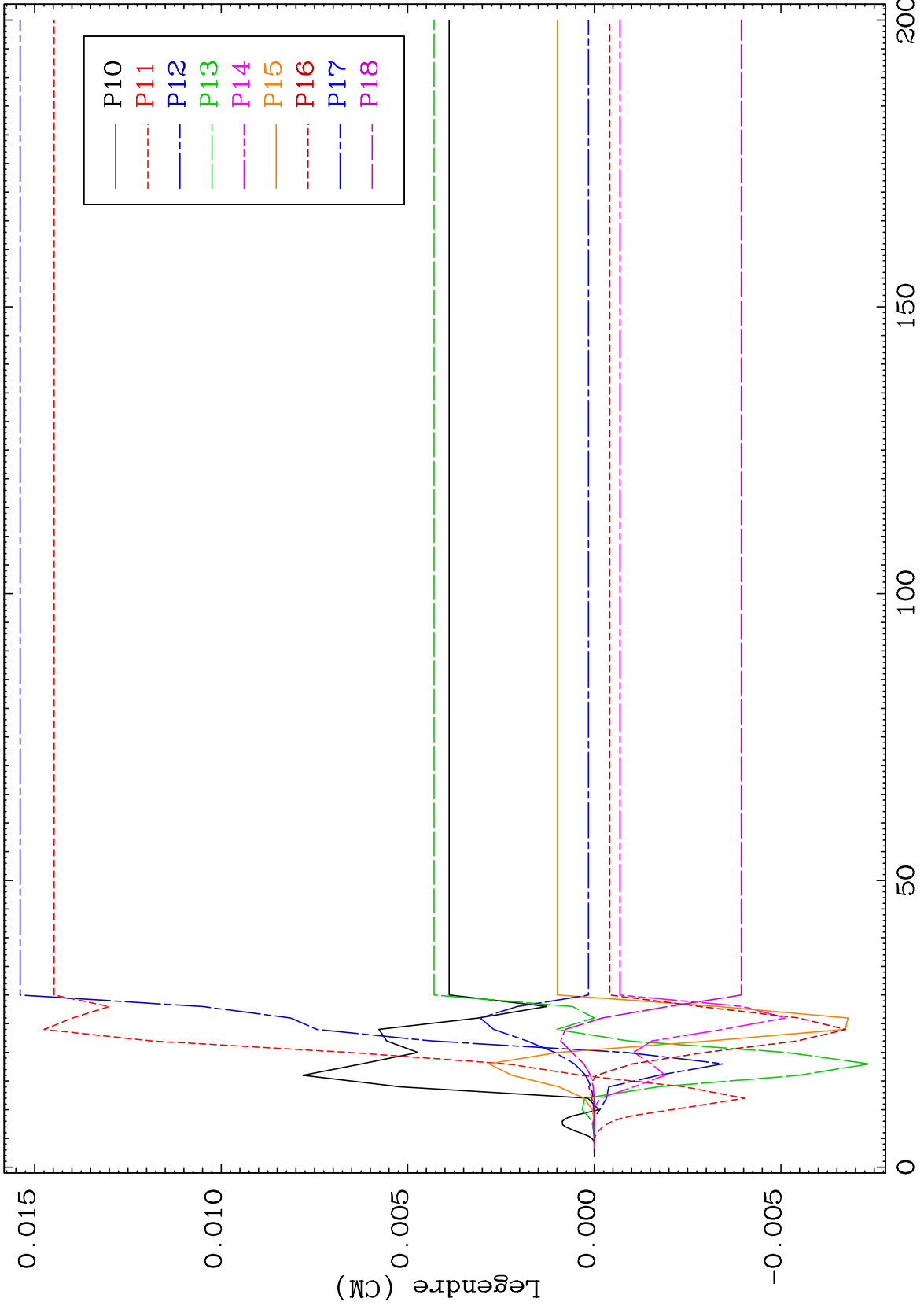
66-Dy-154



66-Dy-154

Incident Energy (MeV)

MAT 6619 MT= 59 (n,n') Level Legendre Coefficients 66-Dy-154

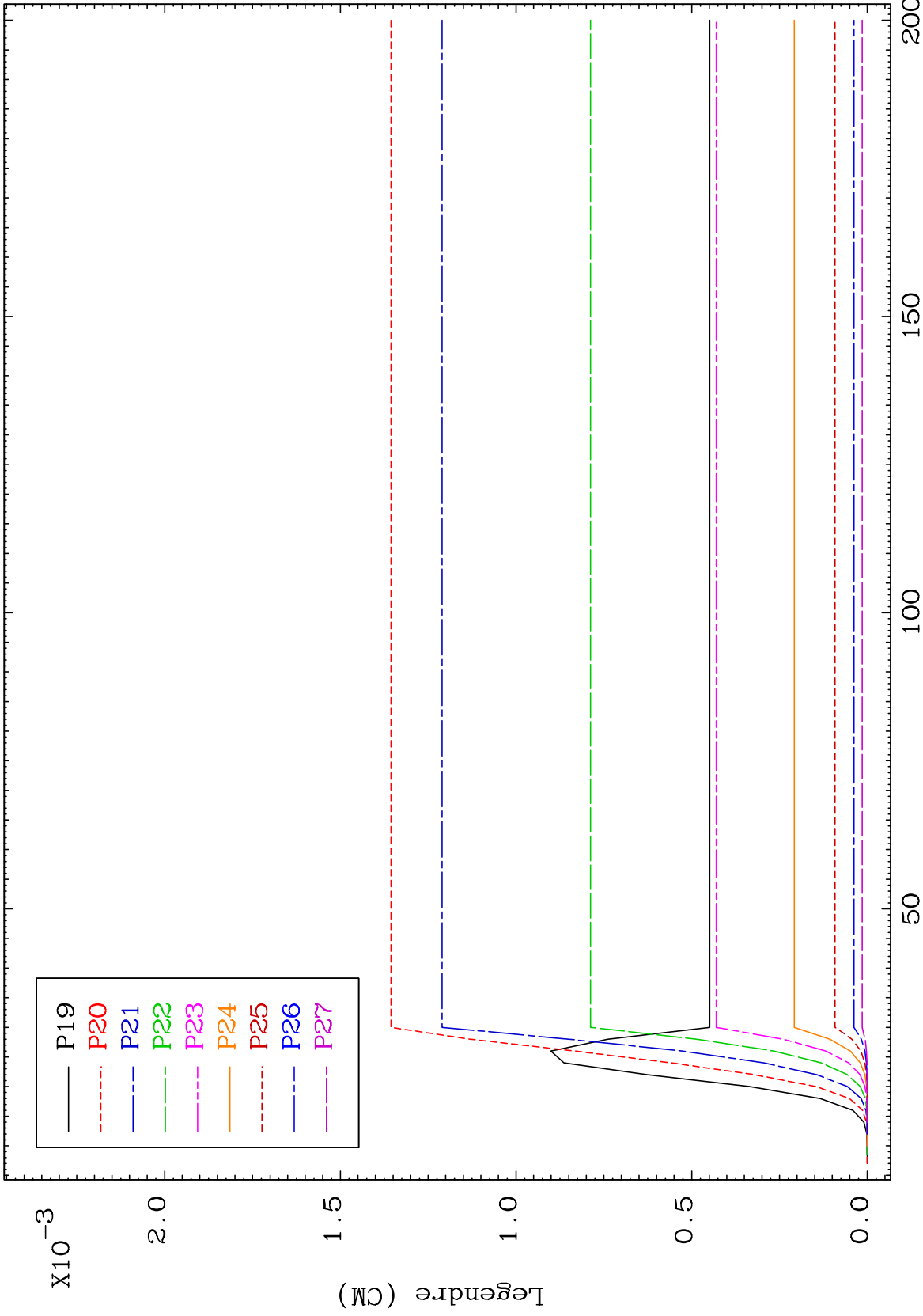


51 66-Dy-154

MAT 6619

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

66-Dy-154



52

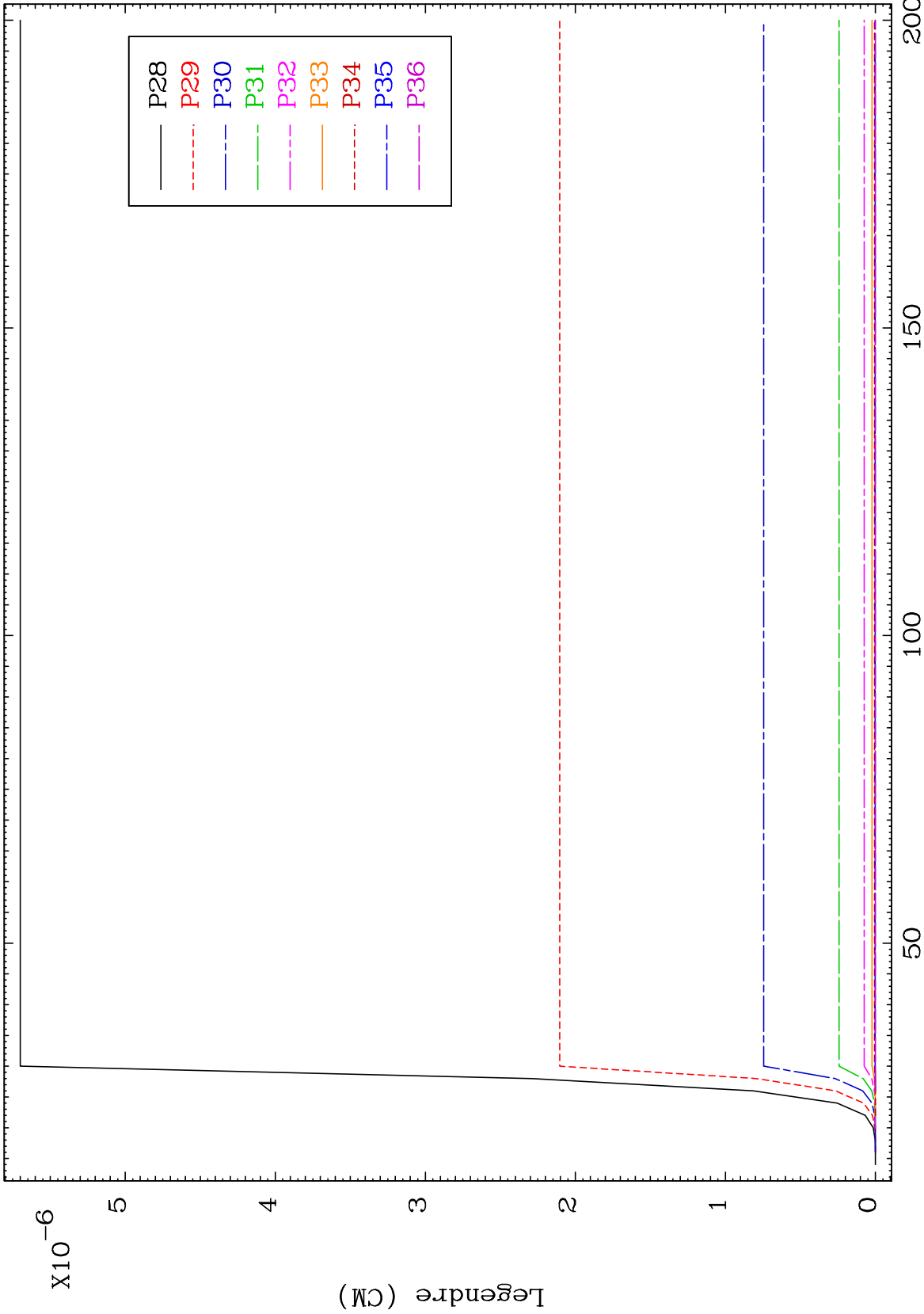
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154

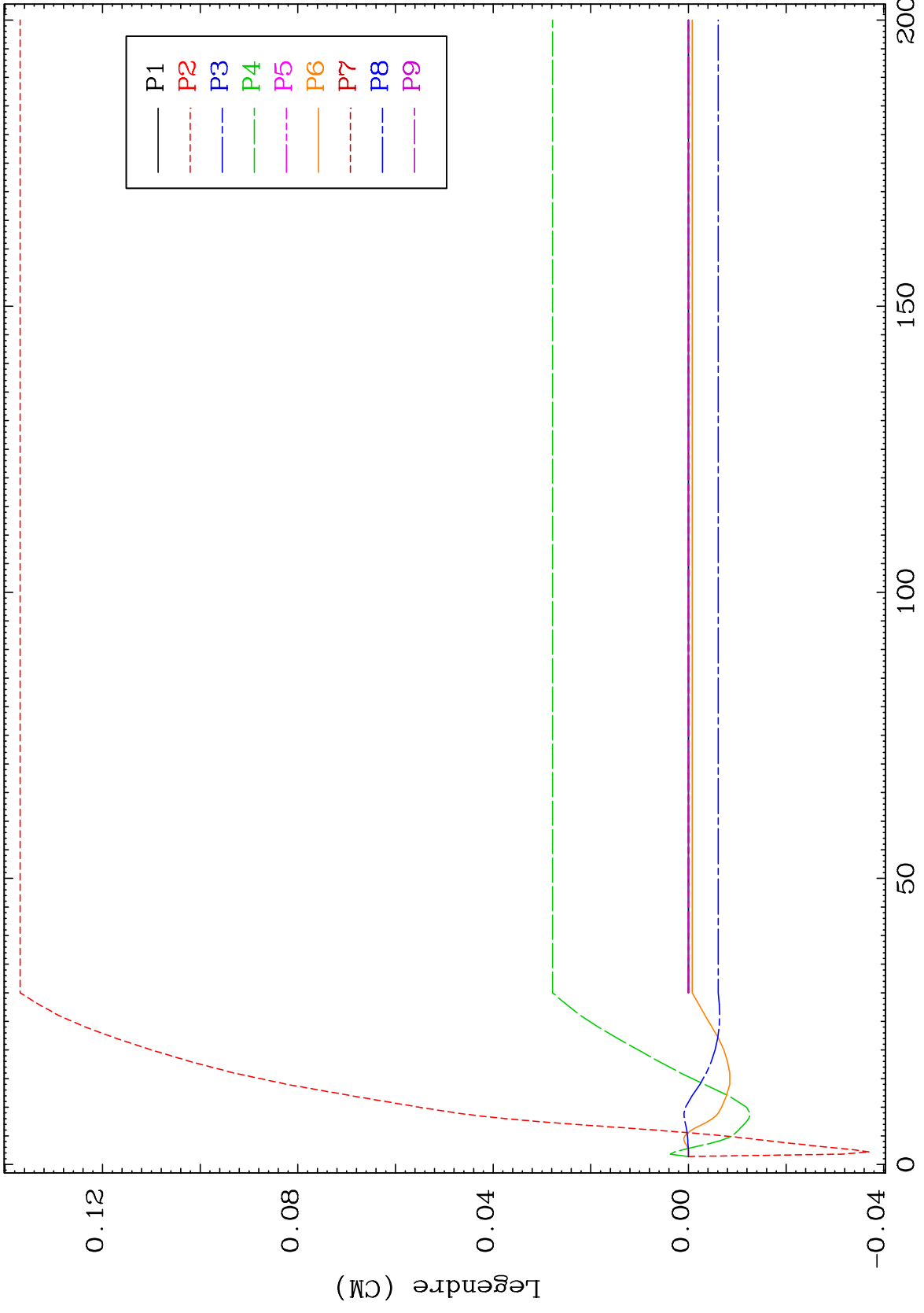


53

Incident Energy (MeV)

66-Dy-154

MAT 6619 MT= 60 (n,n') Level Legendre Coefficients 66-Dy-154

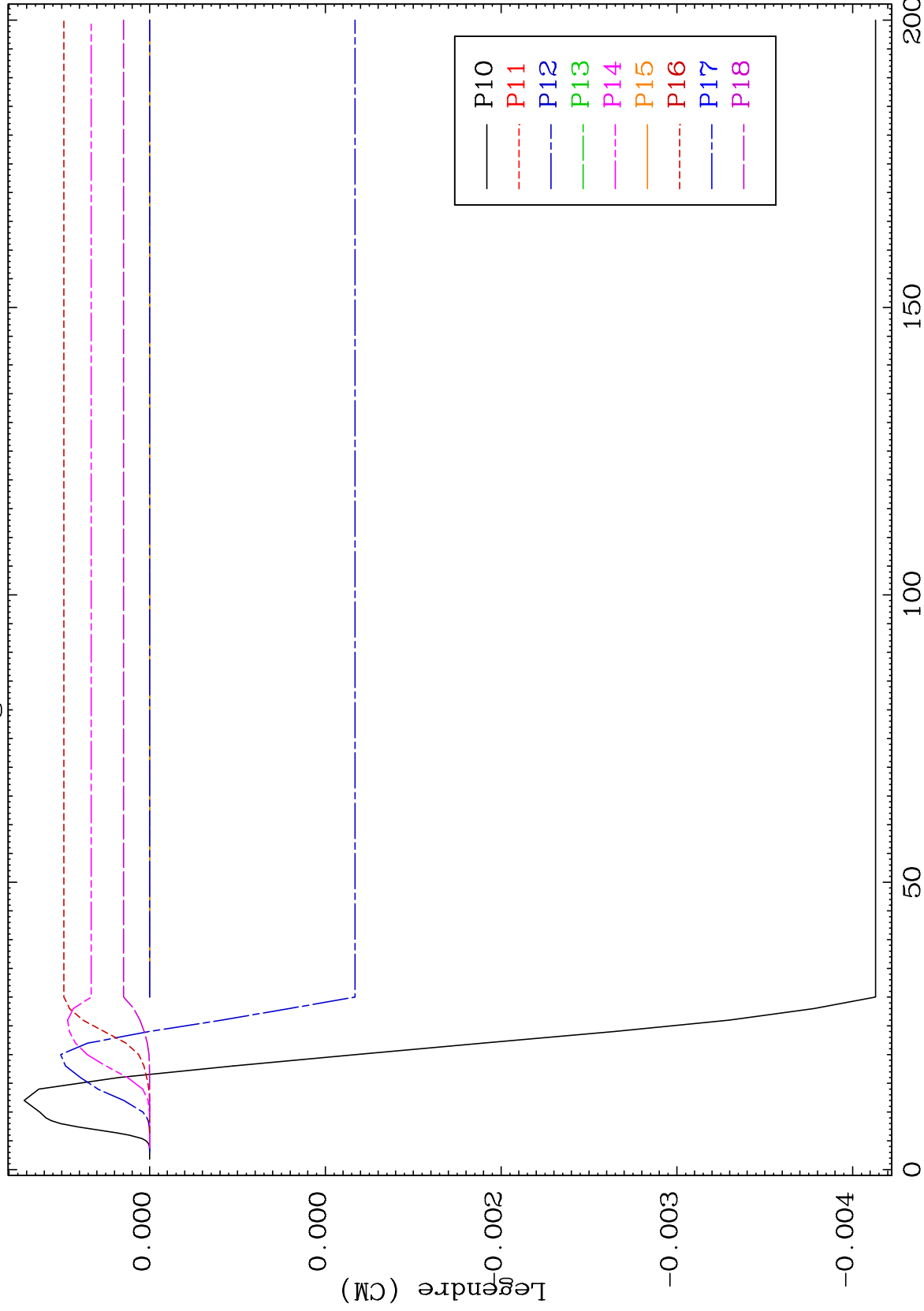


54 66-Dy-154

MAT 6619

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

66-Dy-154



55

Incident Energy (MeV)

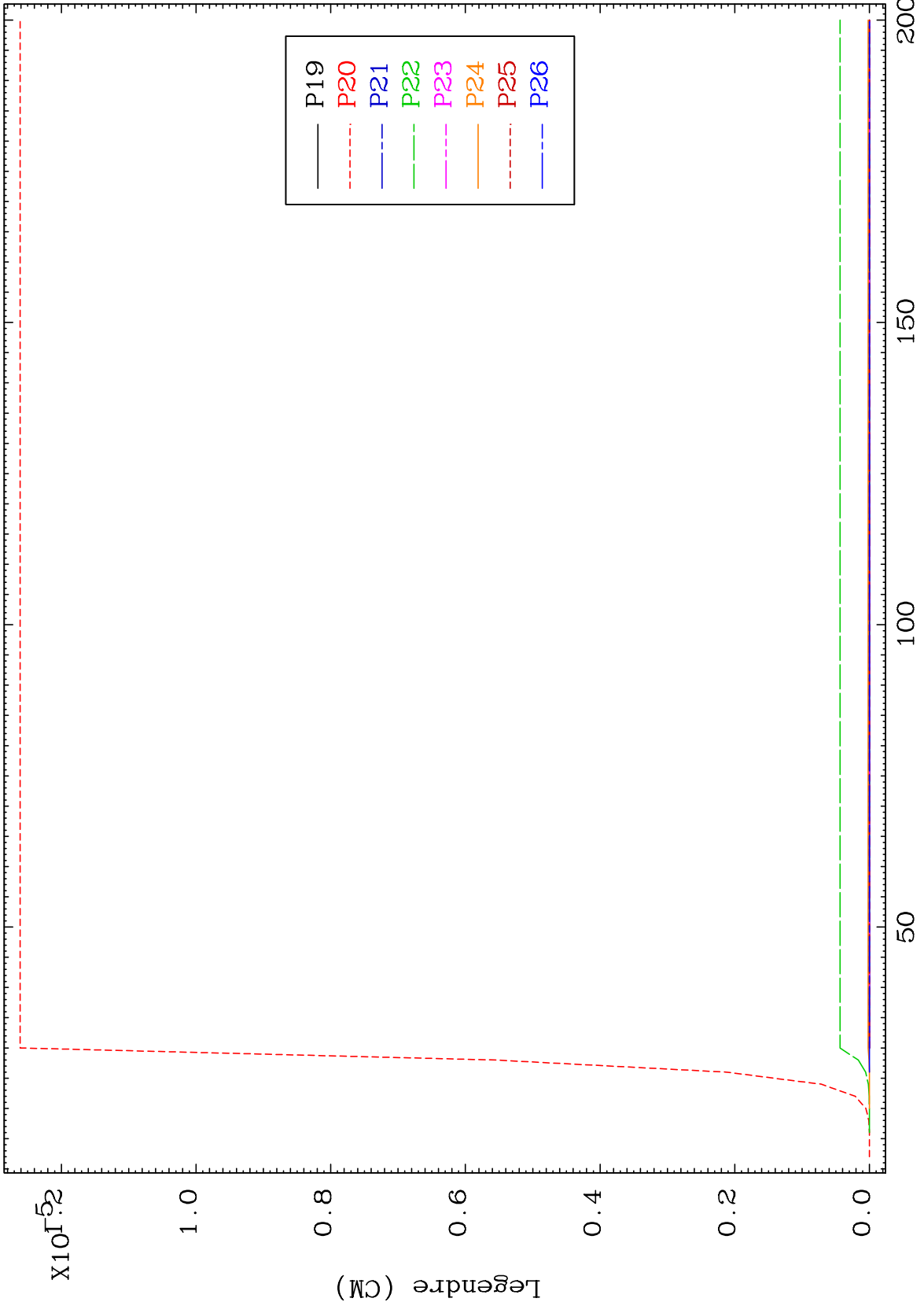
66-Dy-154

MAT 6619

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

66-Dy-154

66-Dy-154

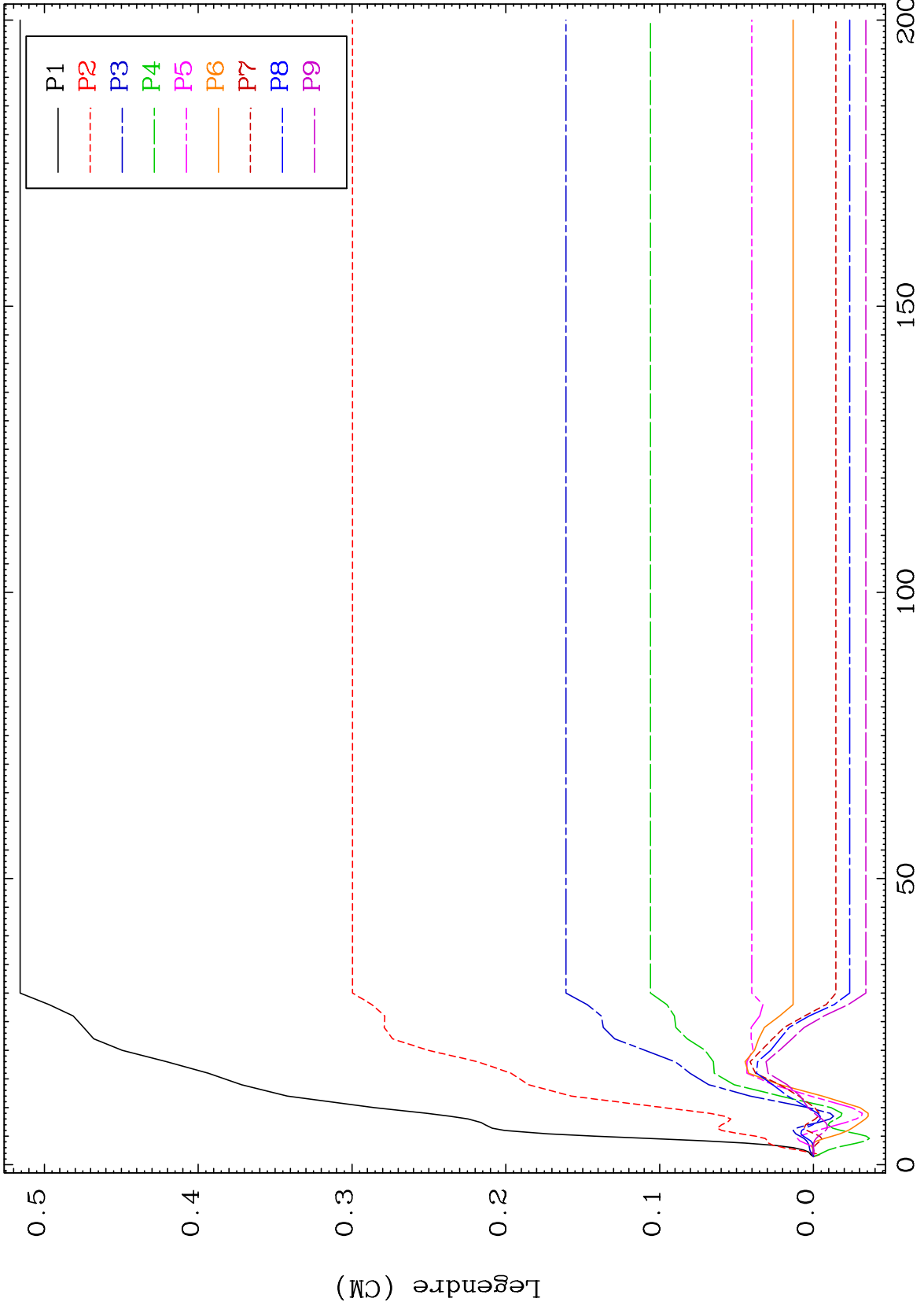


56

MAT 6619

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

66-Dy-154



66-Dy-154

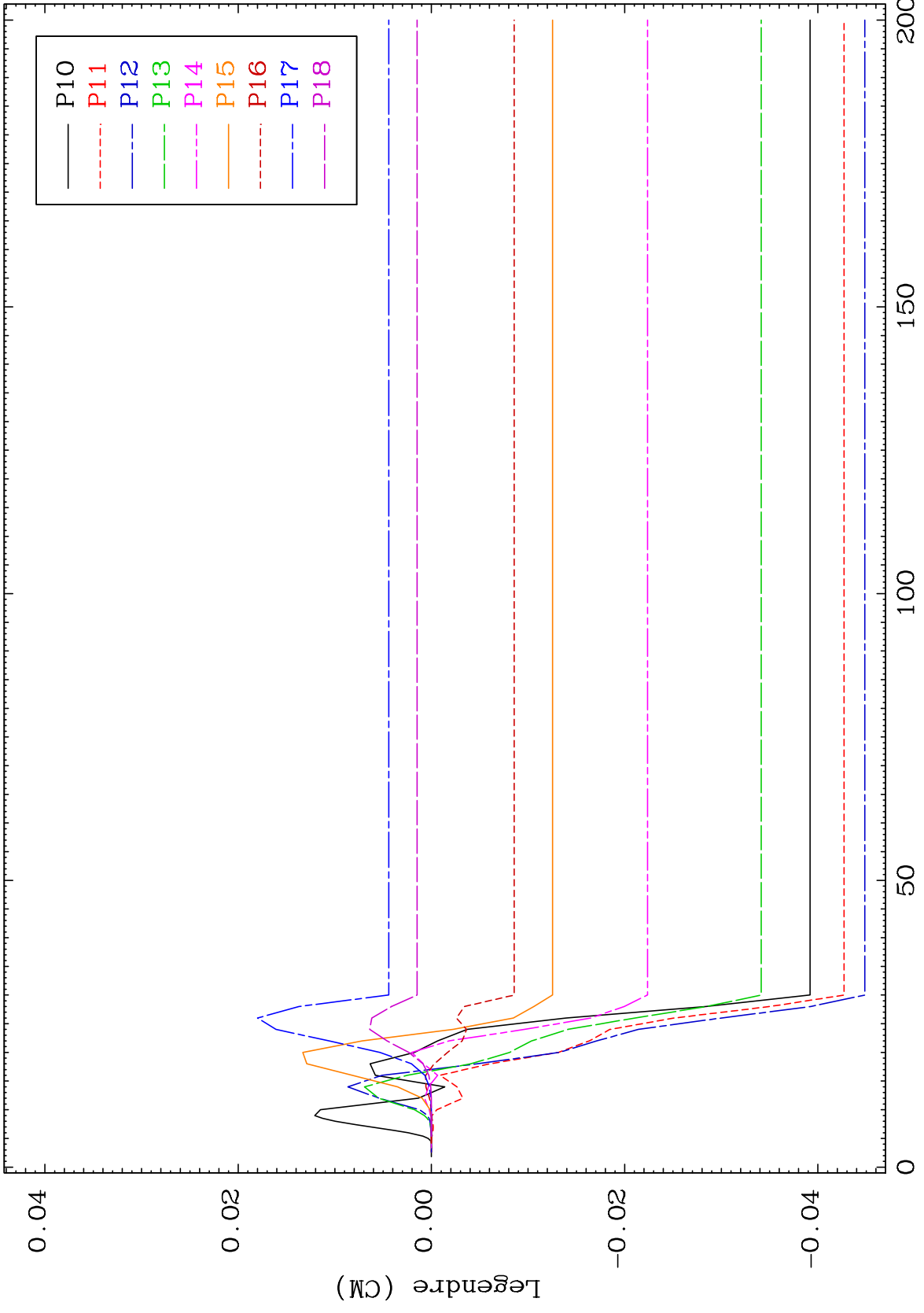
Incident Energy (MeV)

57

MAT 6619

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

66-Dy-154



58

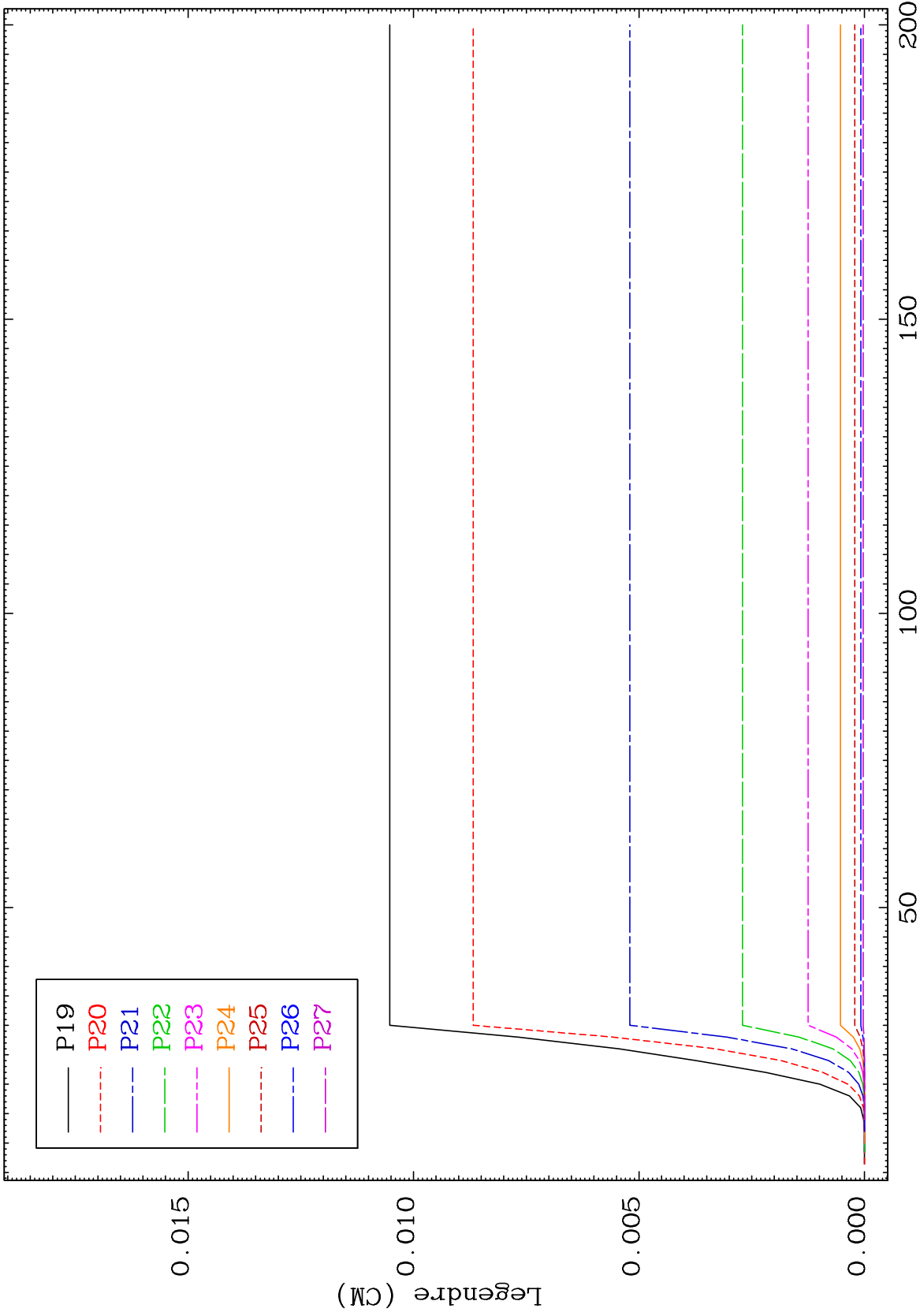
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



59

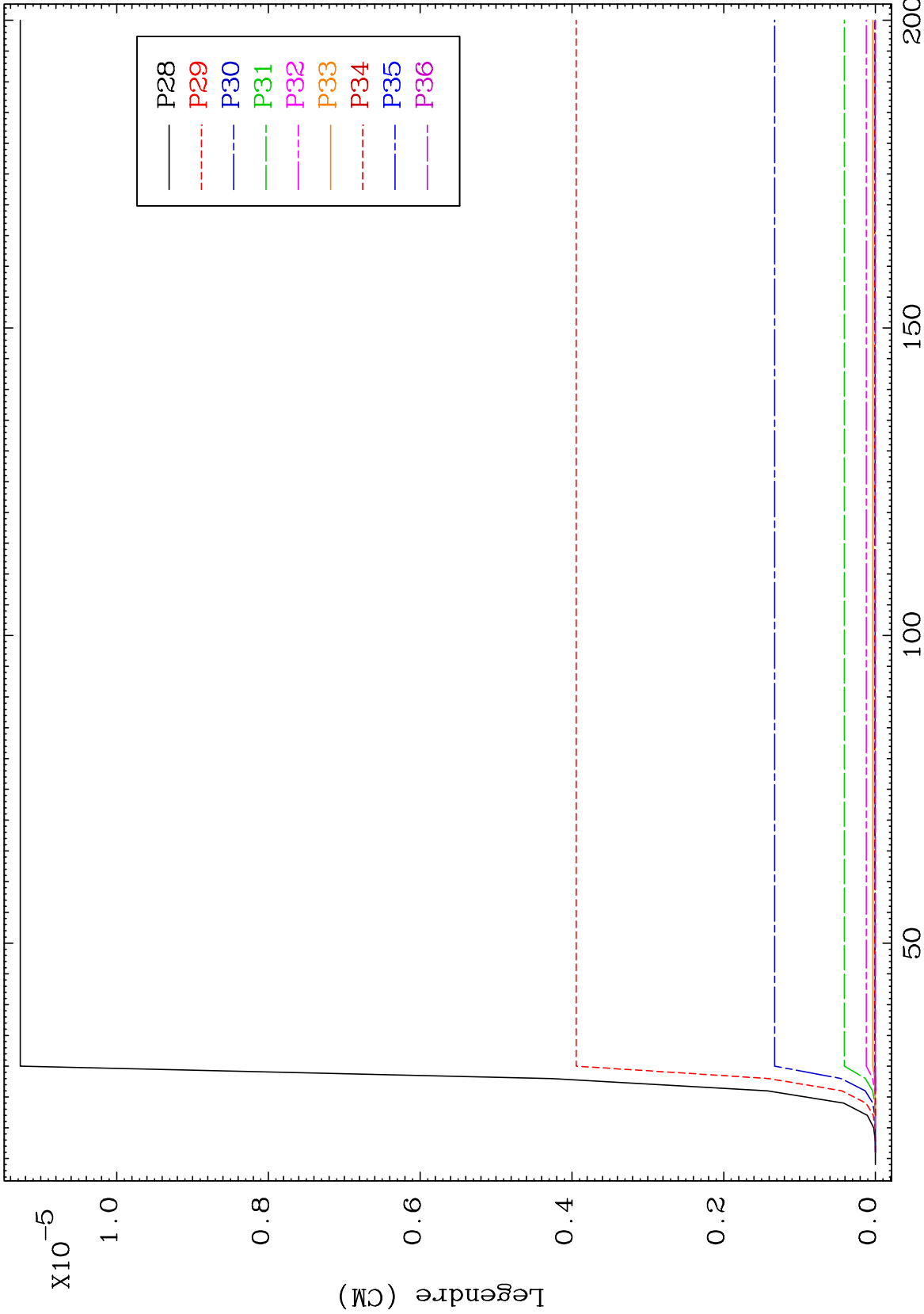
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



60

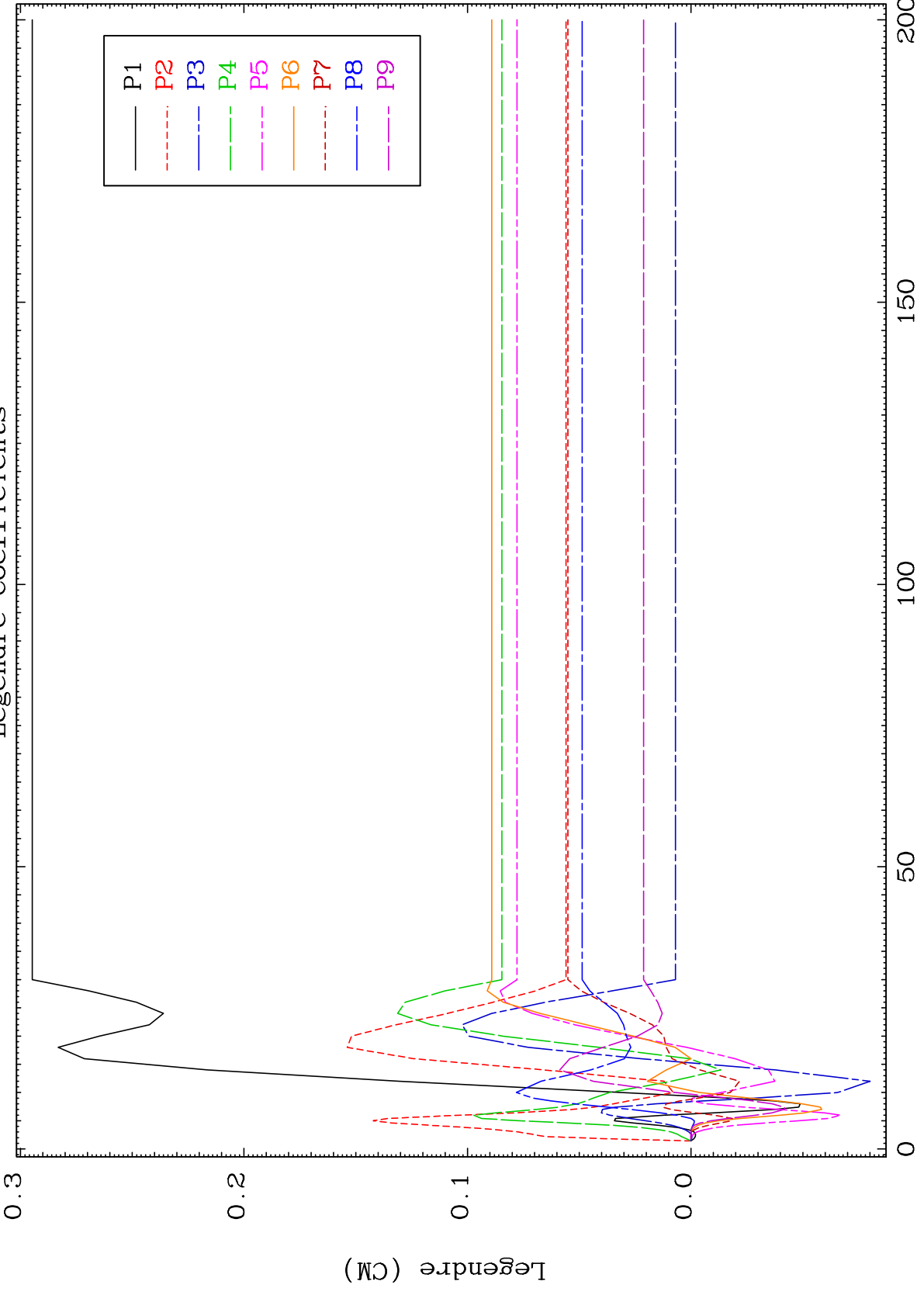
Incident Energy (MeV)

66-Dy-154

66-Dy-154

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

MAT 6619



66-Dy-154

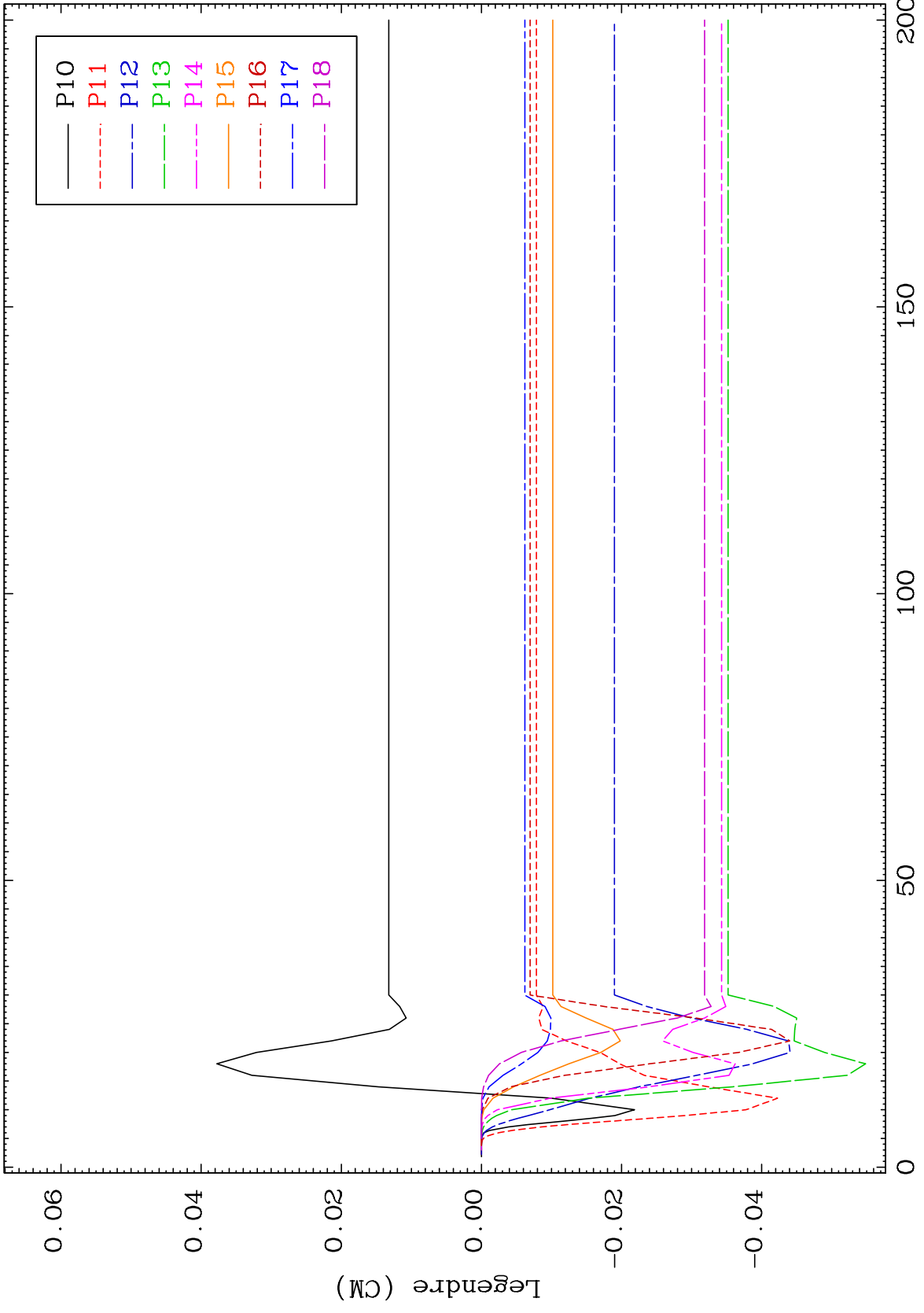
Incident Energy (MeV)

61

MAT 6619

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

66-Dy-154



62

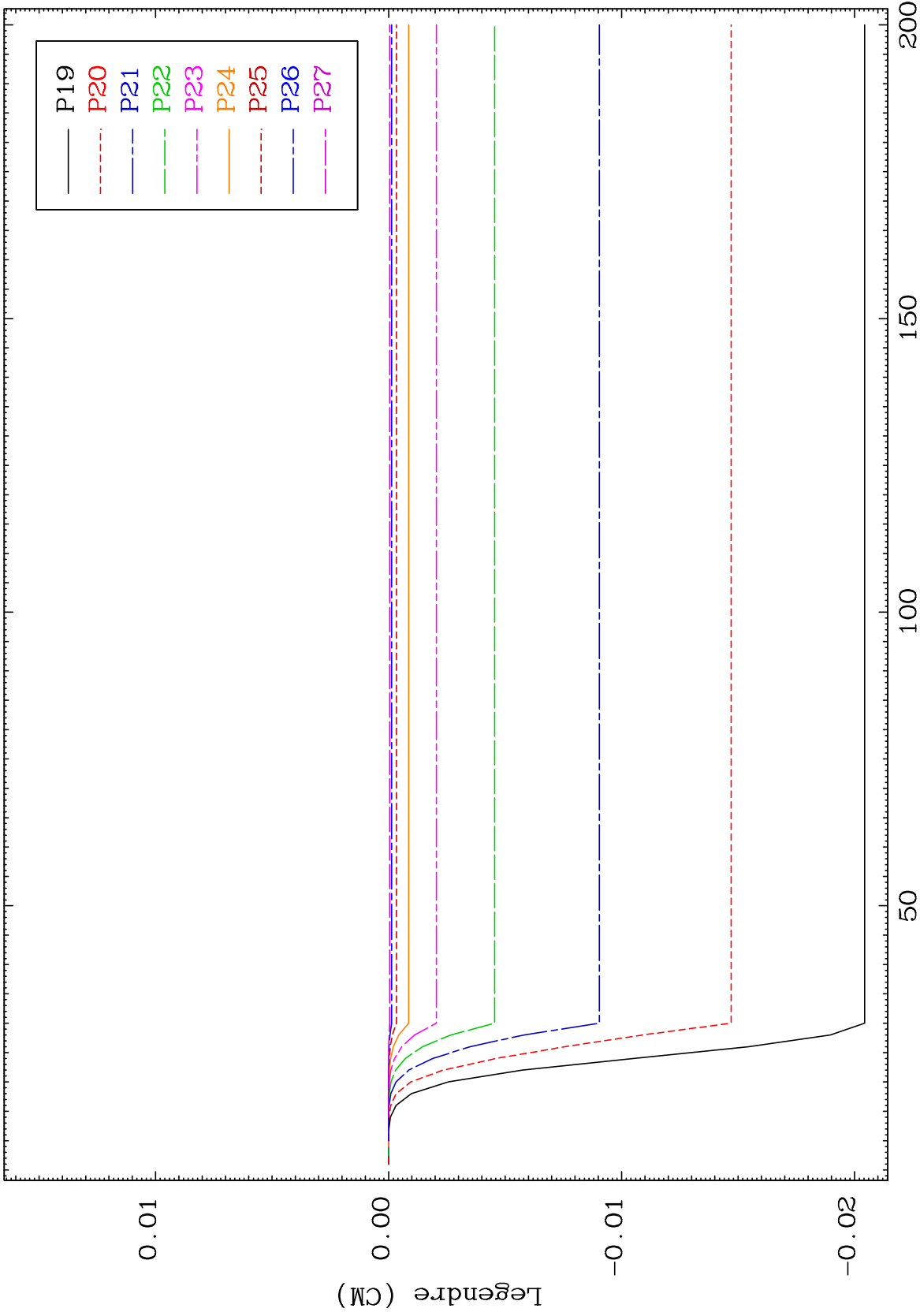
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



63

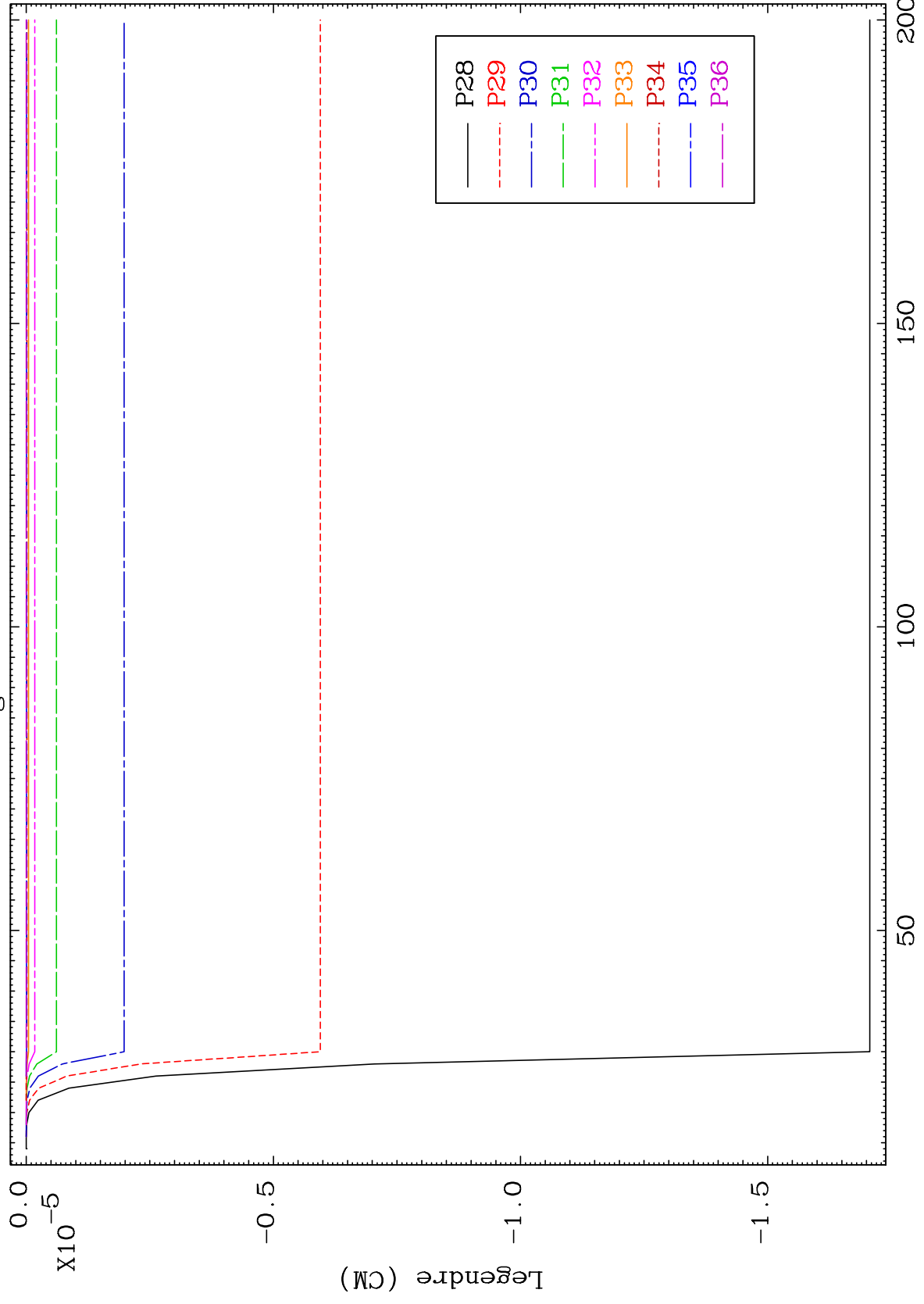
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



66-Dy-154

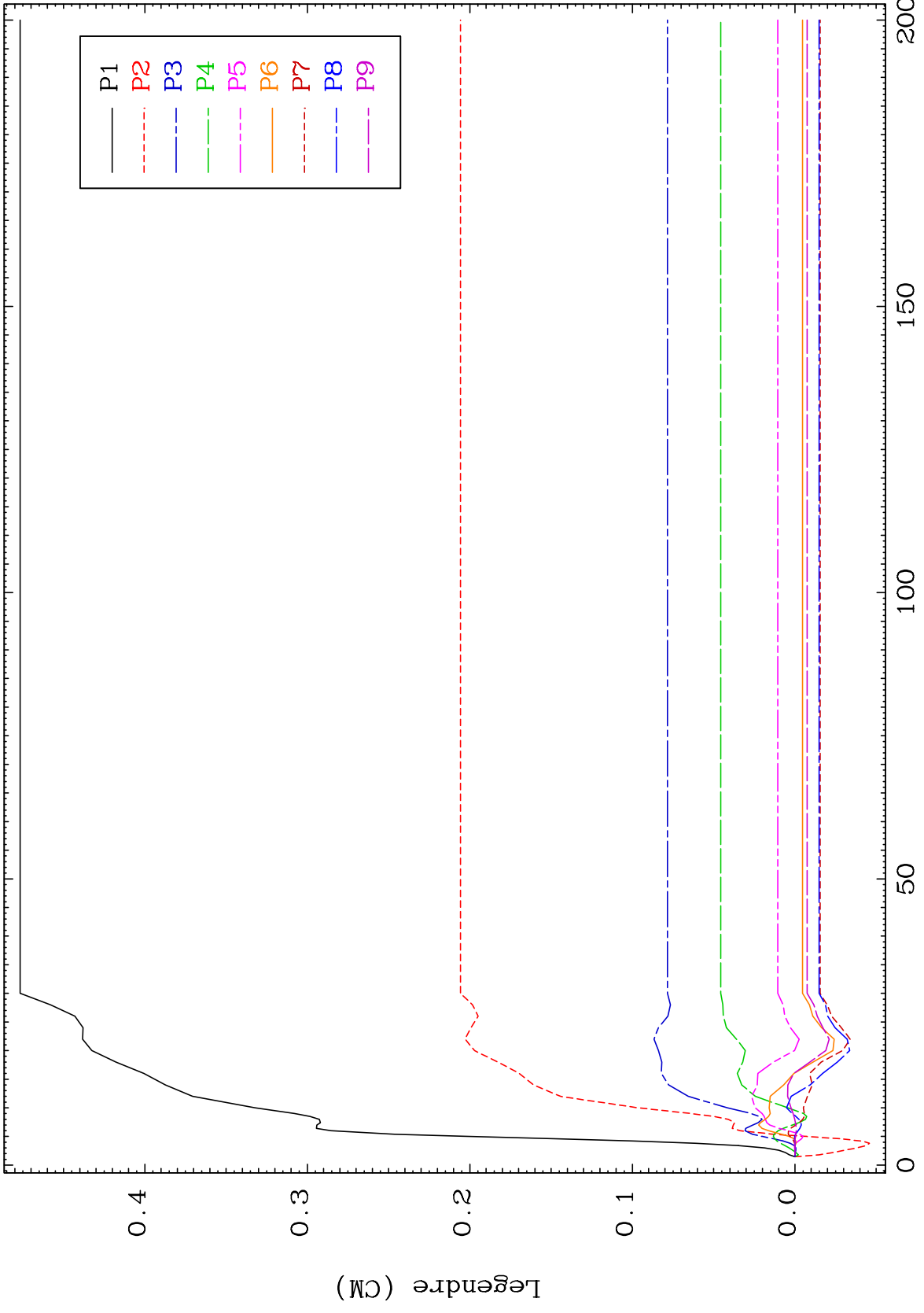
Incident Energy (MeV)

64

MAT 6619

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

66-Dy-154

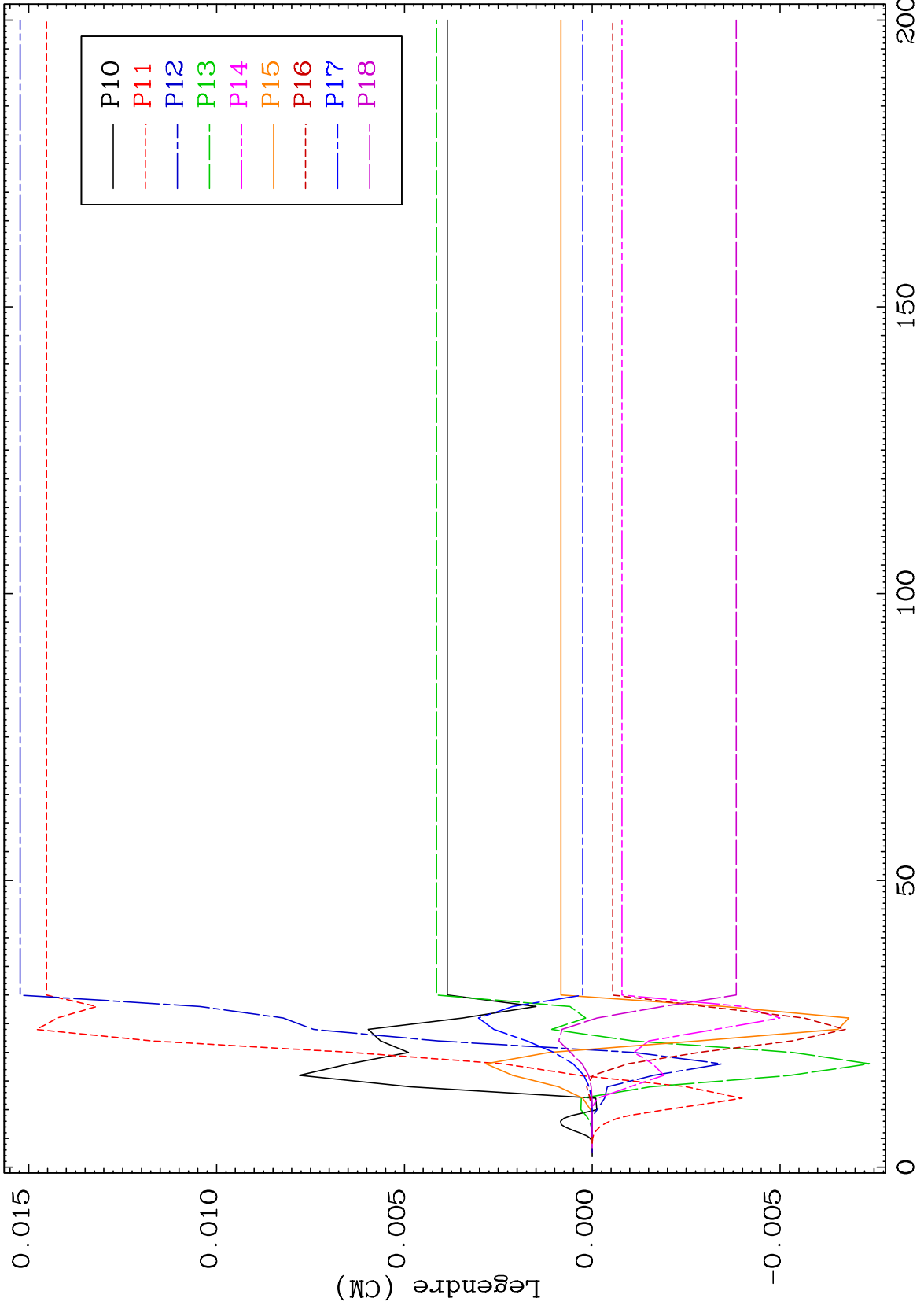


65

Incident Energy (MeV)

66-Dy-154

MAT 6619 MT= 63 (n,n') Level Legendre Coefficients 66-Dy-154

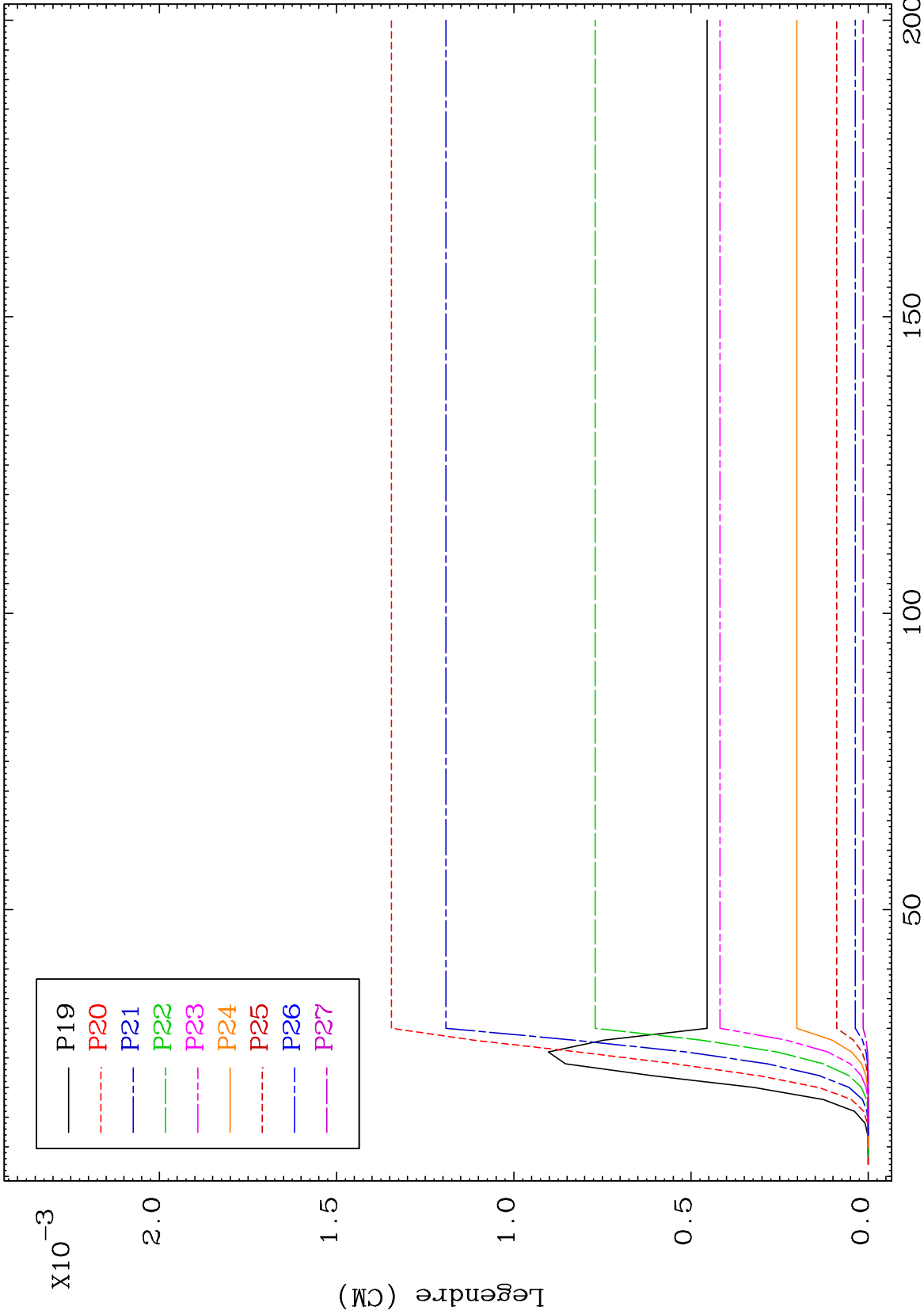


66 Incident Energy (MeV) 66-Dy-154

MAT 6619

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

66-Dy-154



67

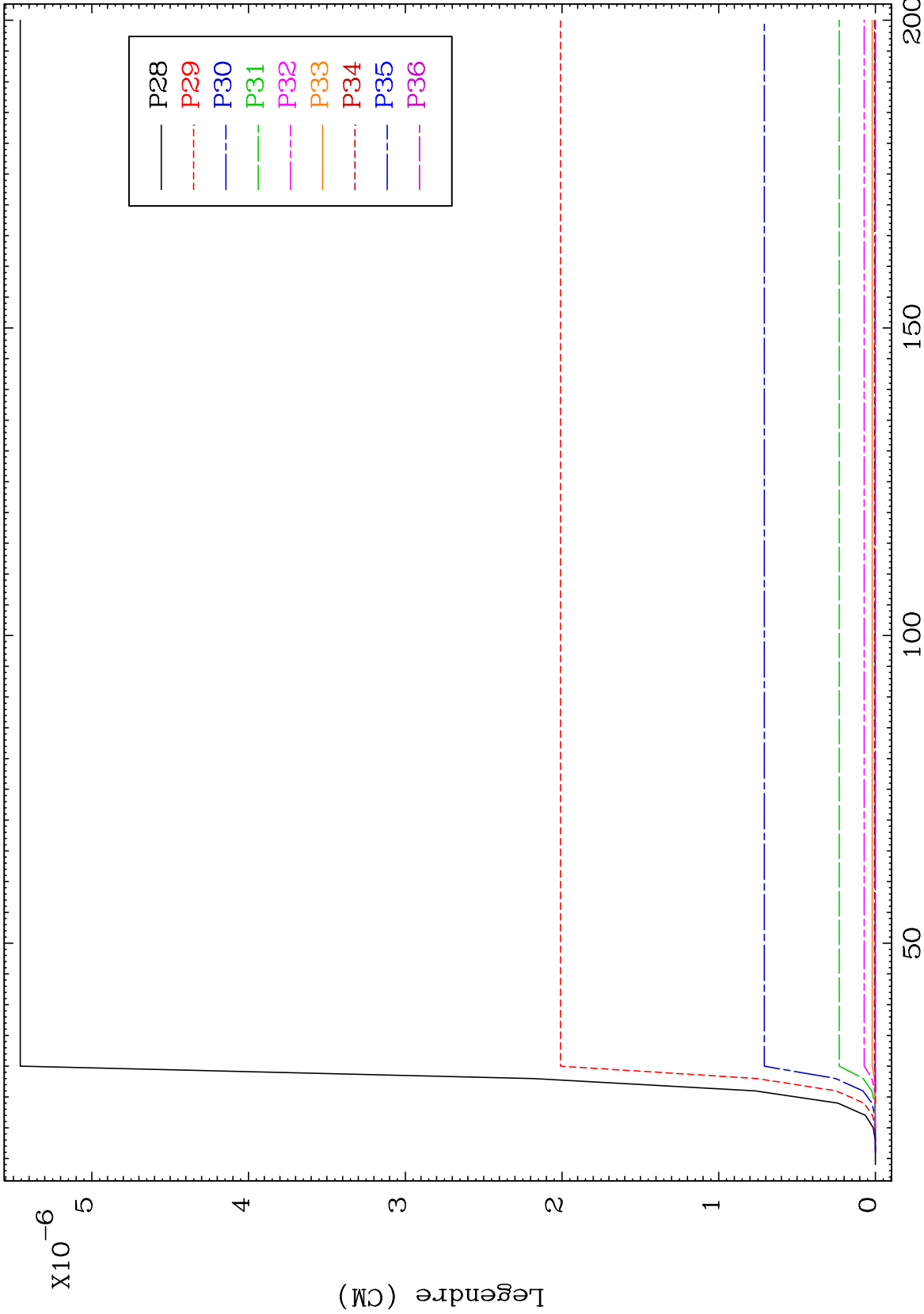
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



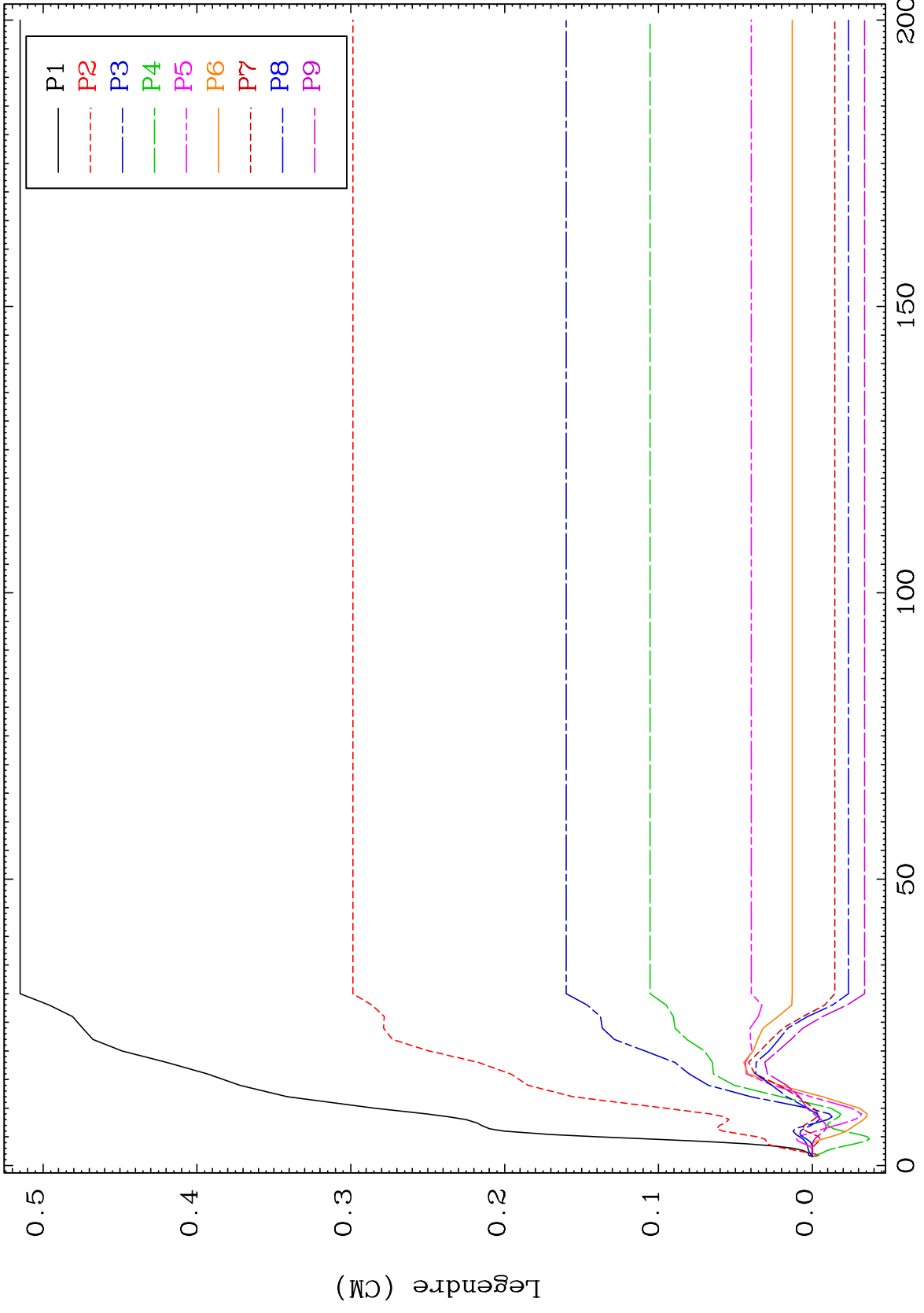
68

66-Dy-154

MAT 6619

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

66-Dy-154



66-Dy-154

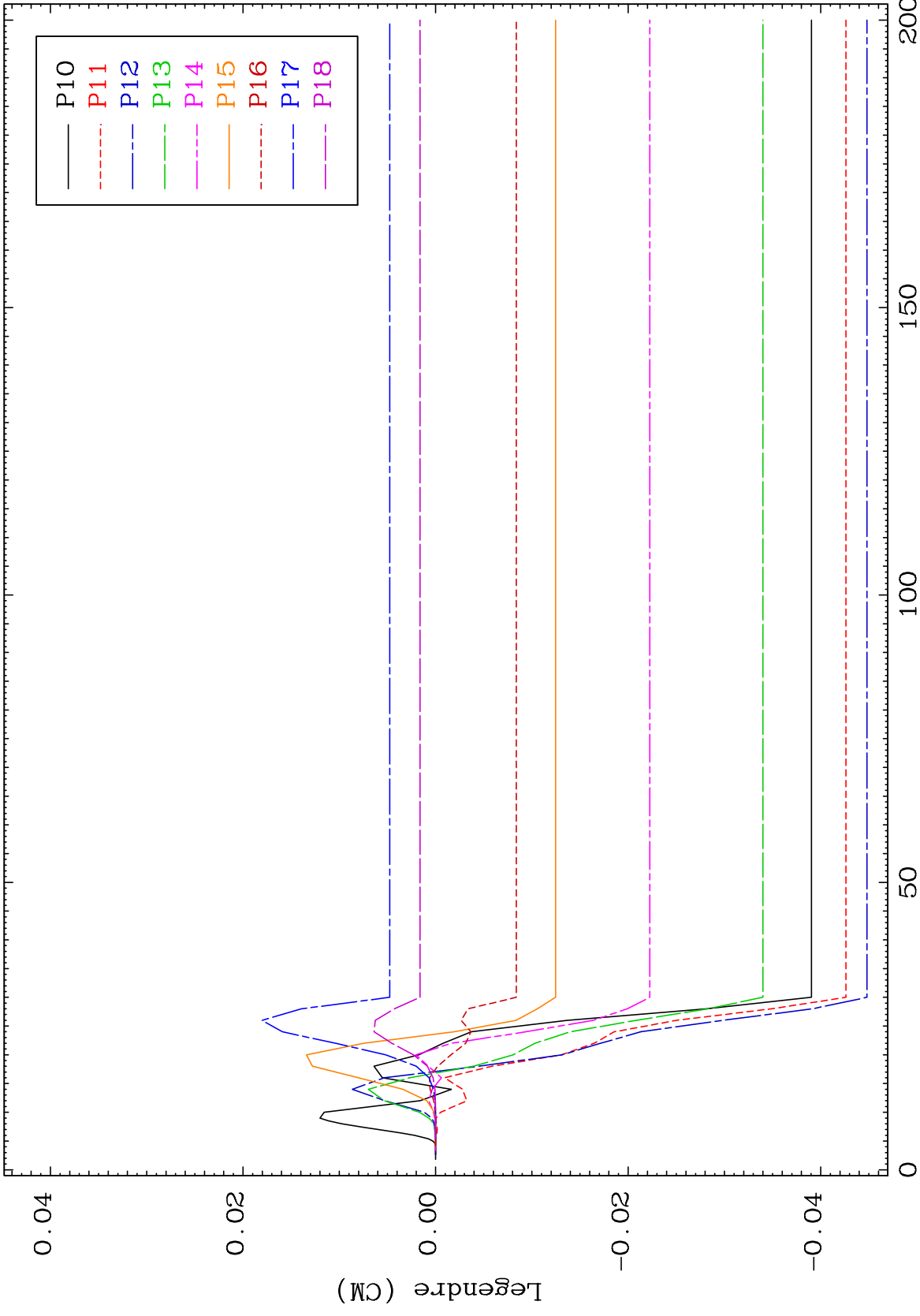
Incident Energy (MeV)

69

MAT 6619

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

66-Dy-154



70

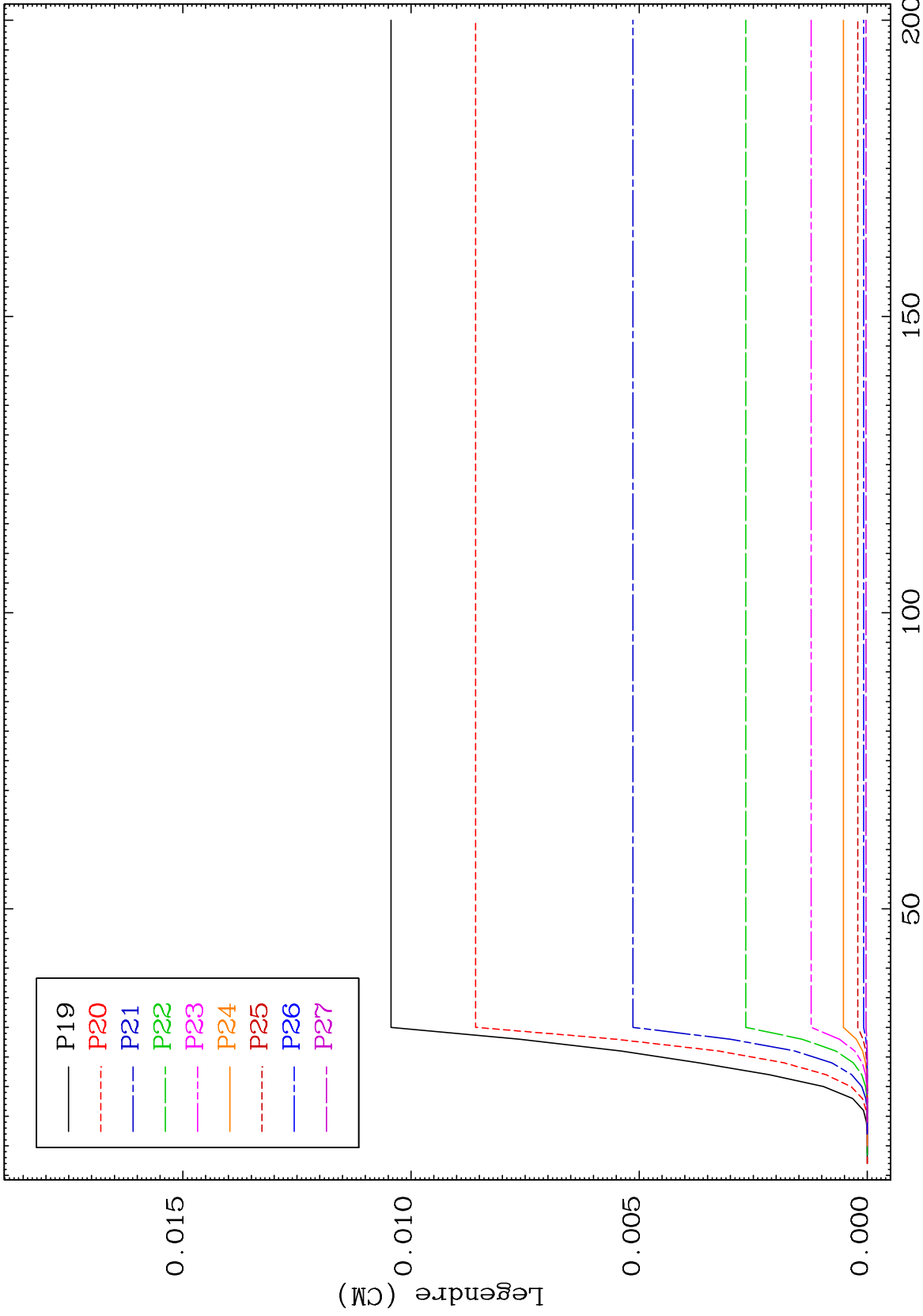
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



71

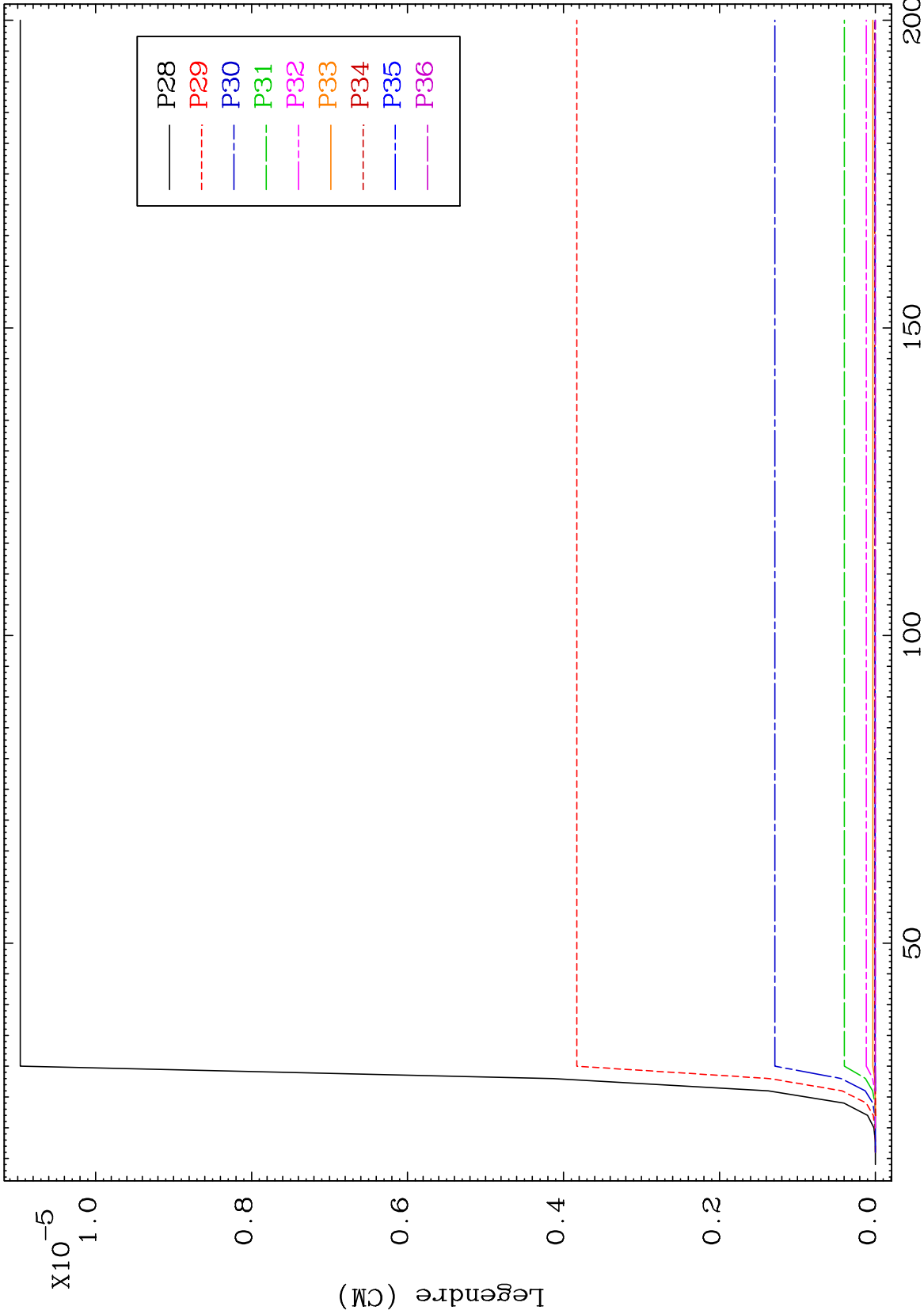
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



72

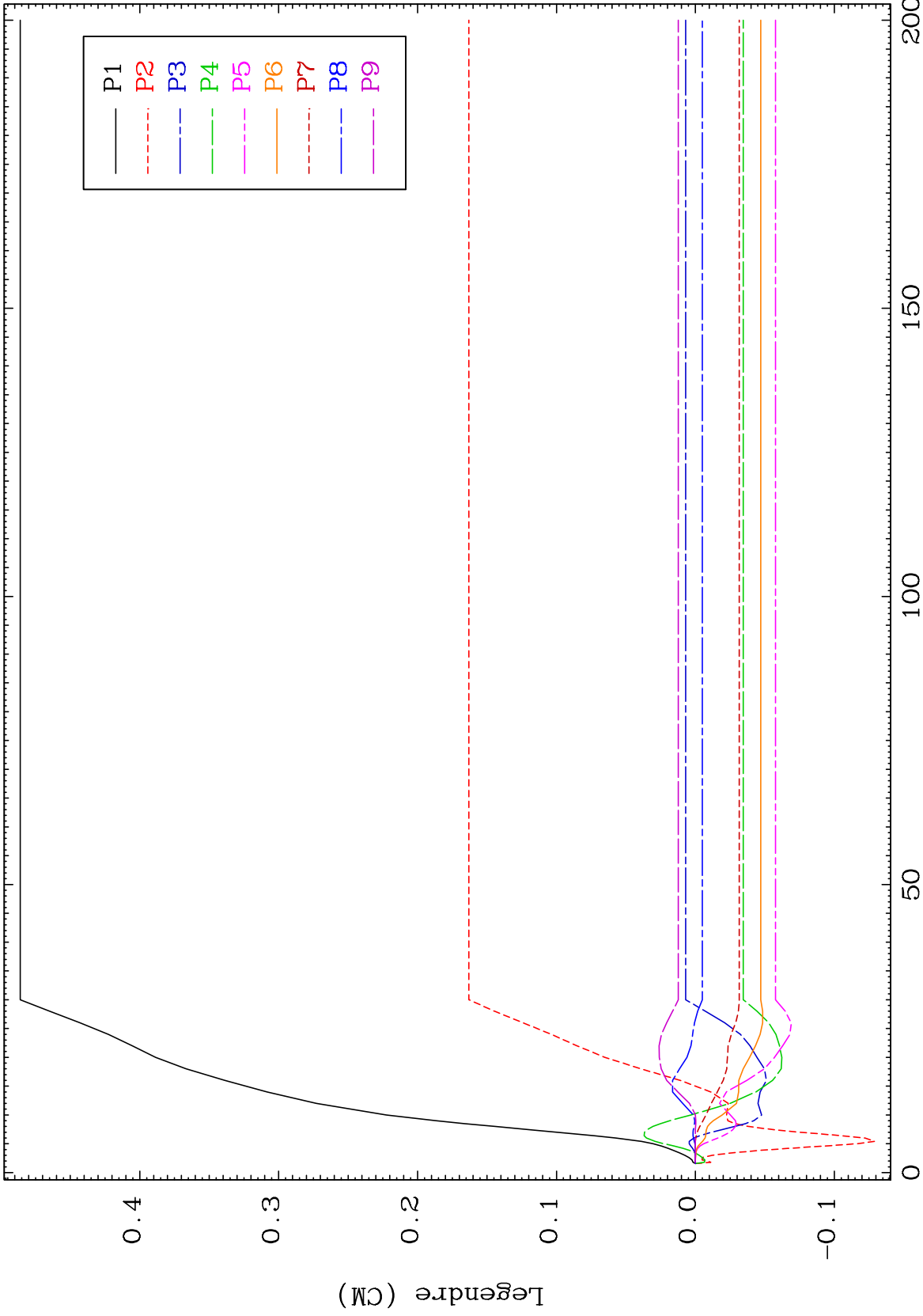
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



73

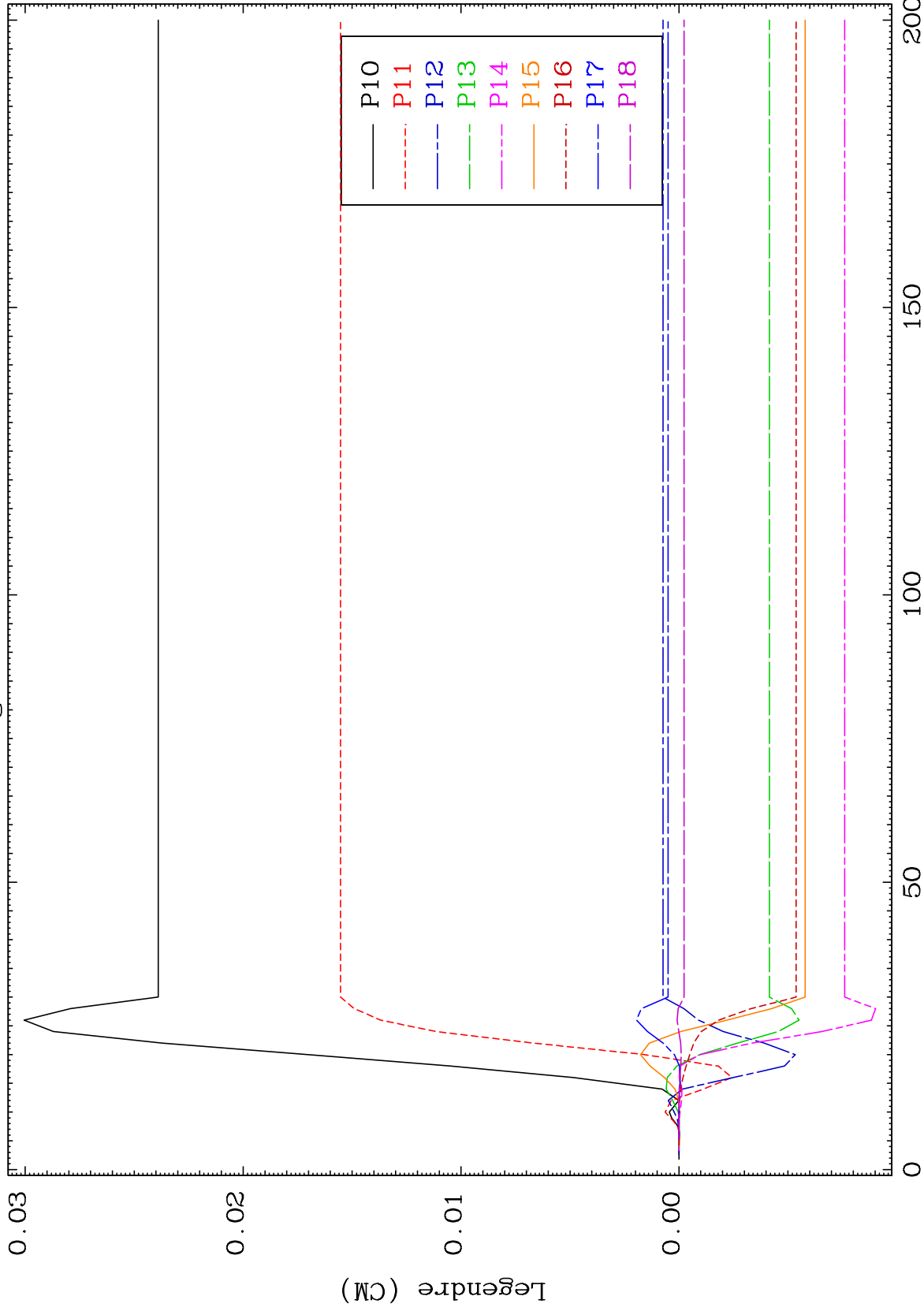
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



74

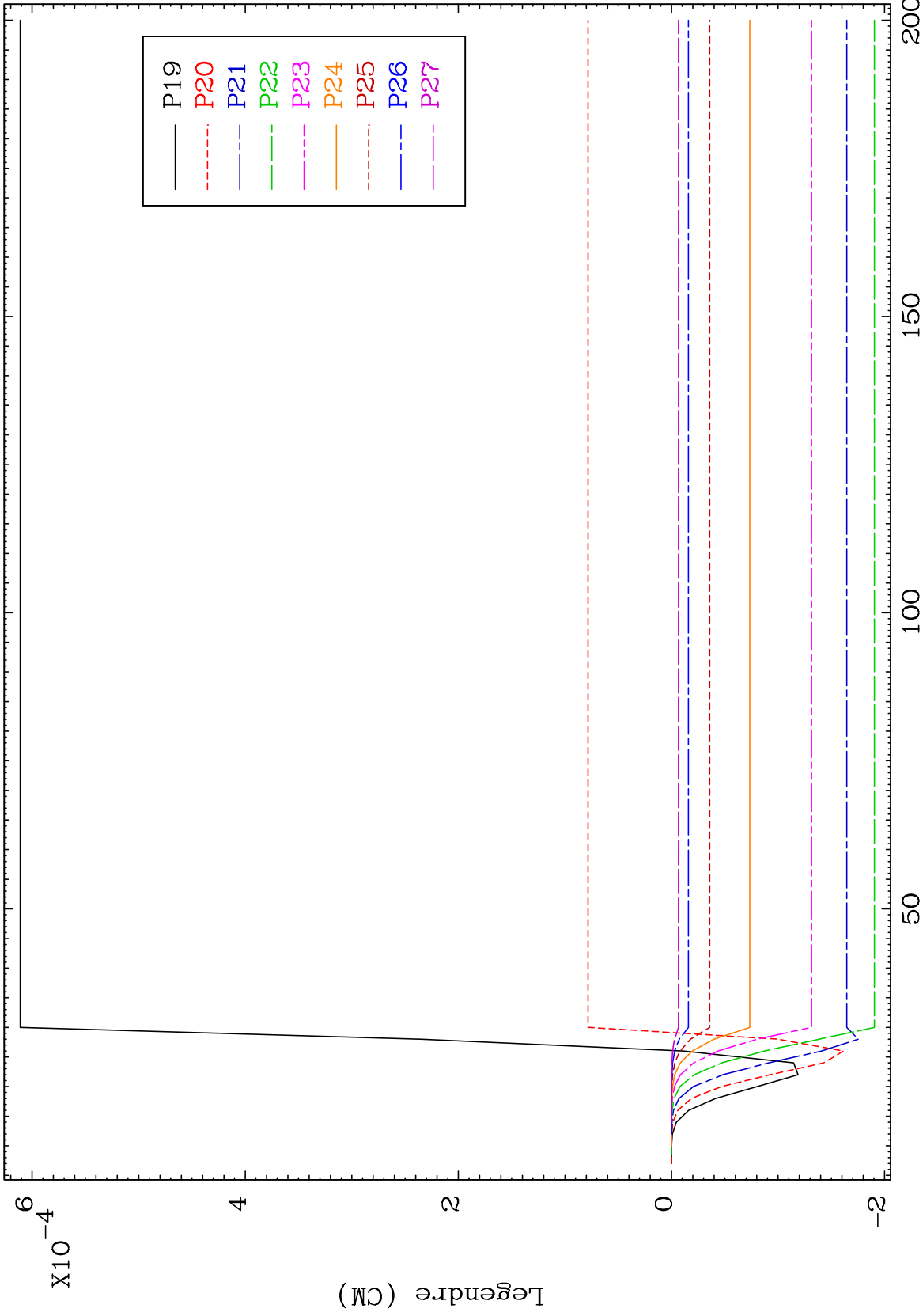
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



75

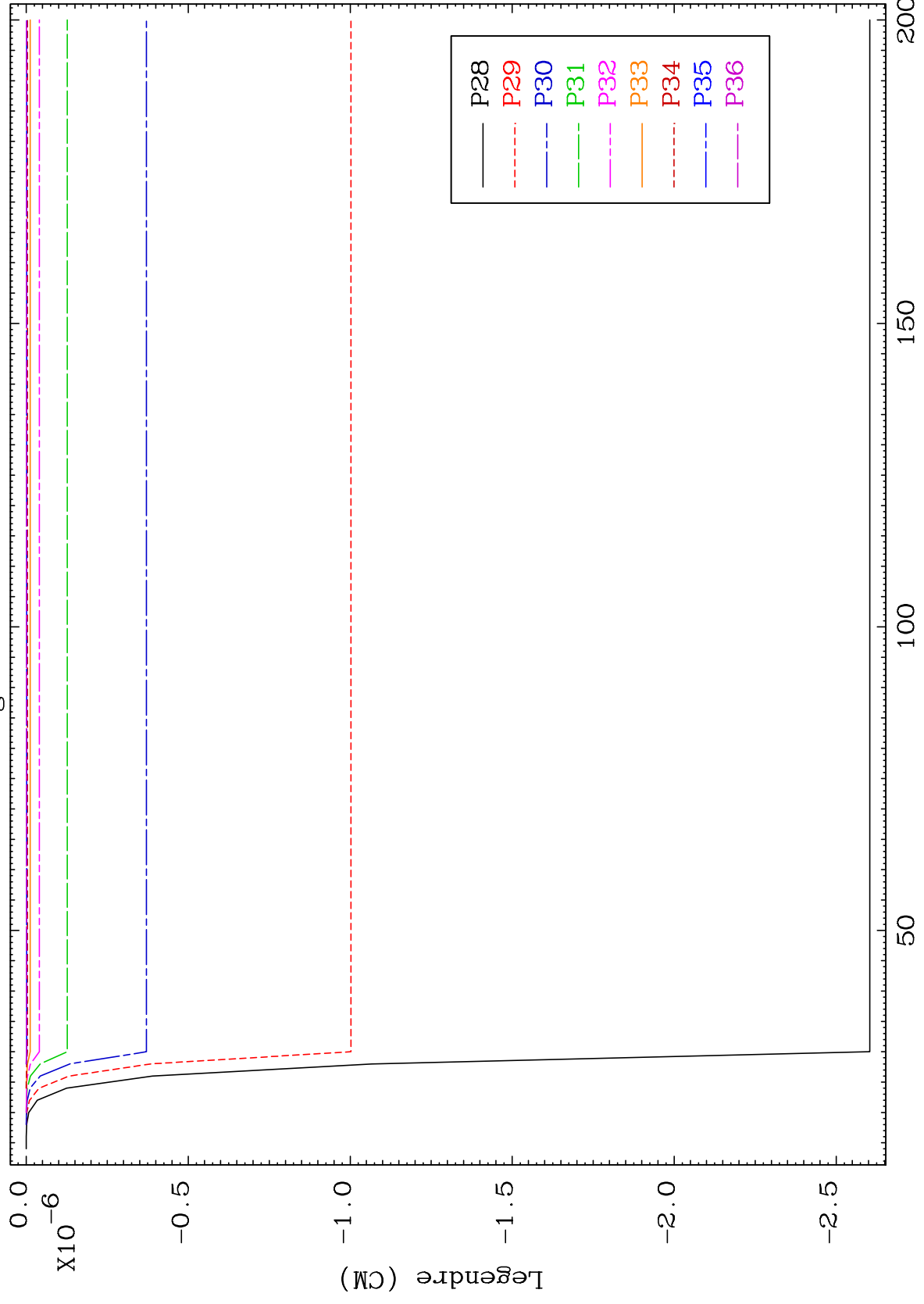
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154

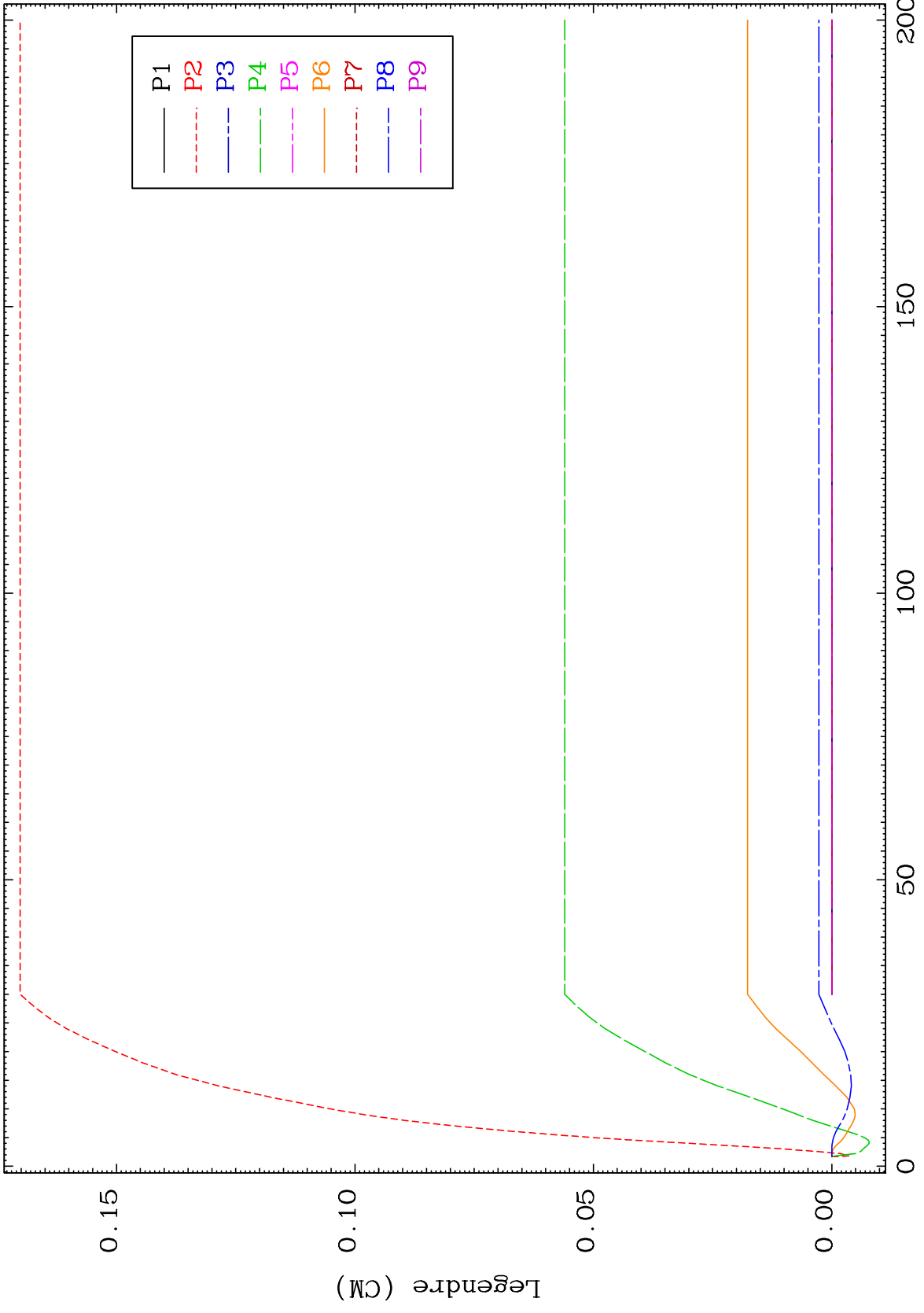


66-Dy-154

Incident Energy (MeV)

76

MAT 6619 MT= 66 (n,n') Level Legendre Coefficients 66-Dy-154

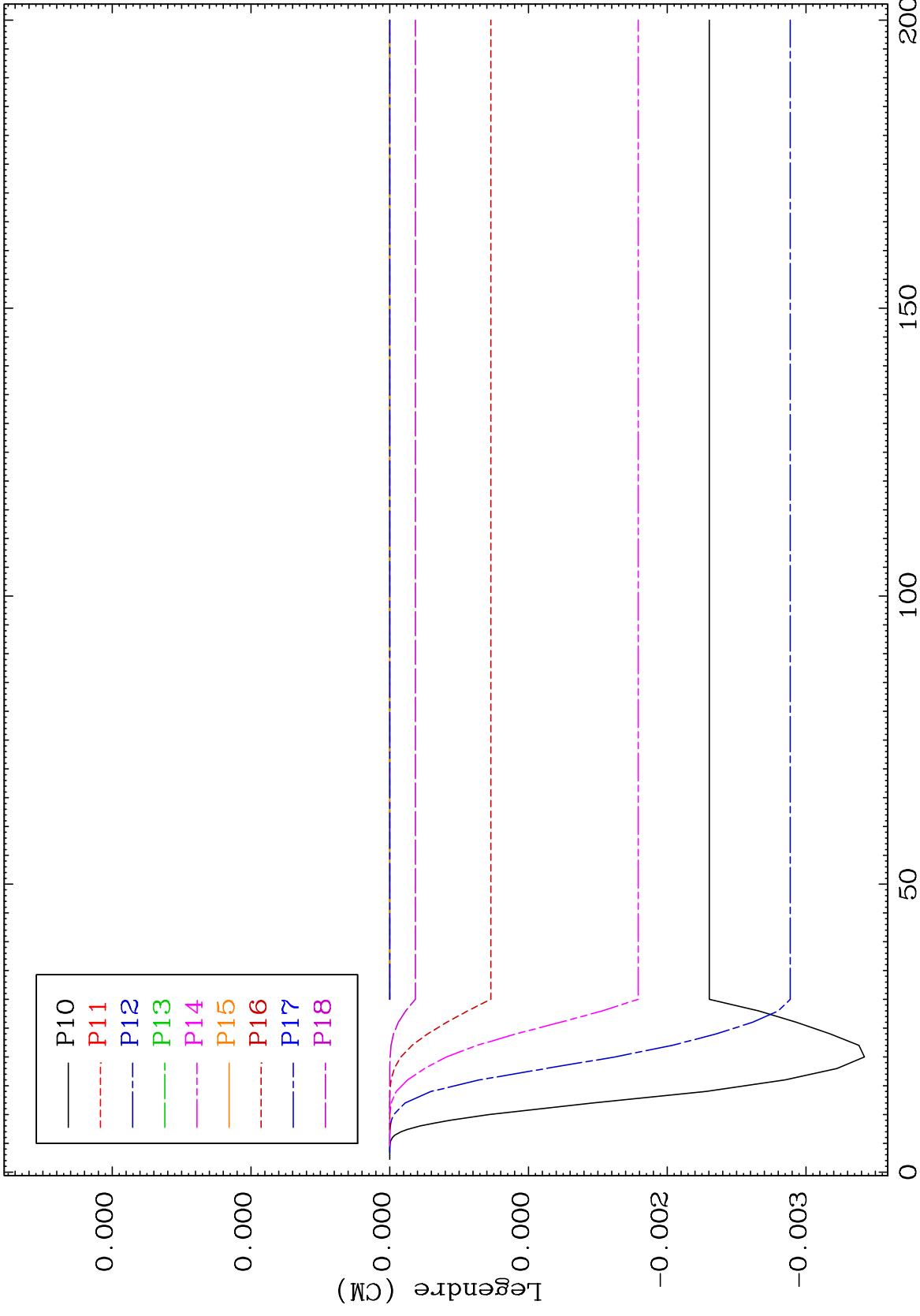


77 Incident Energy (MeV) 66-Dy-154

MAT 6619

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

66-Dy-154



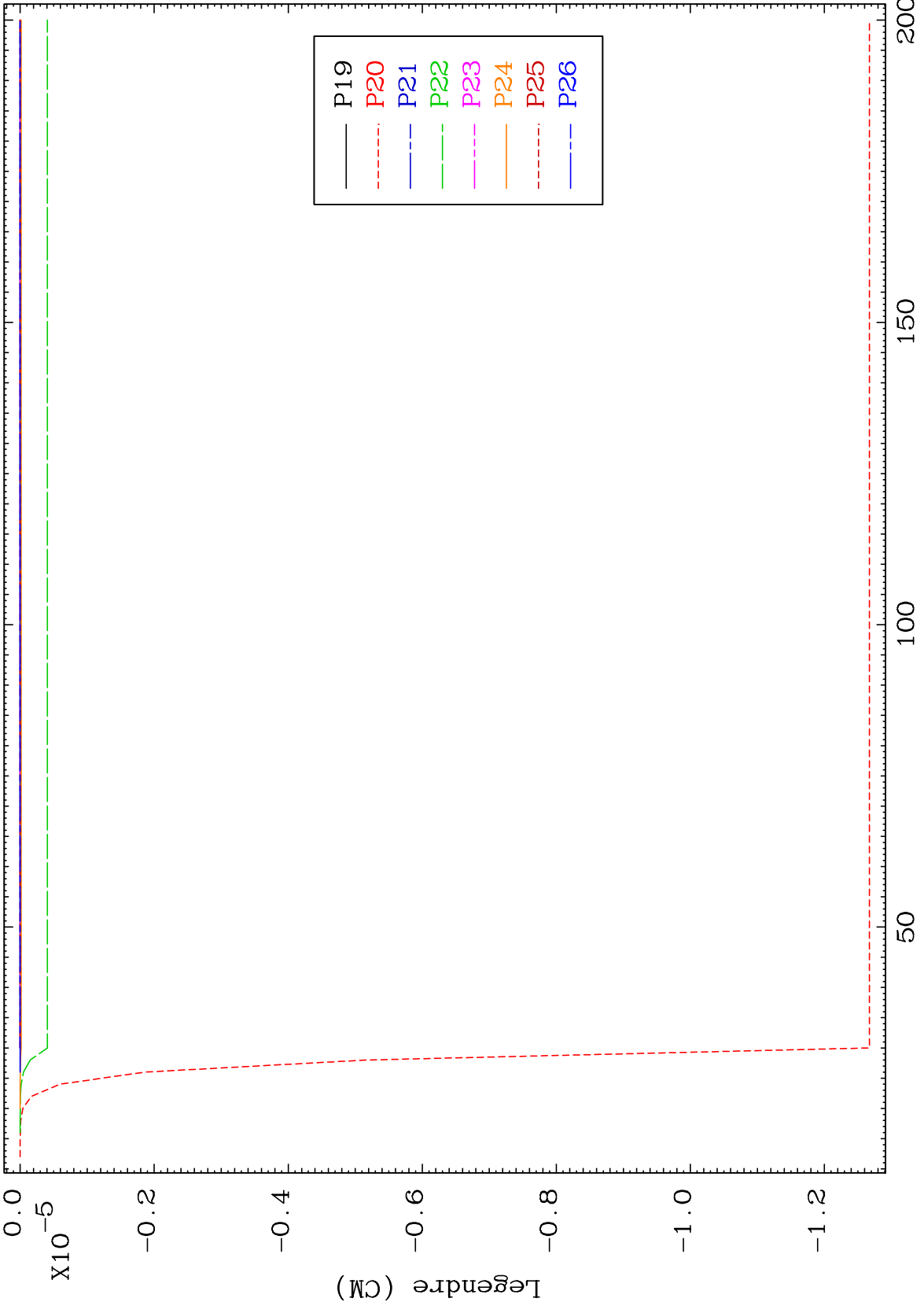
78

Incident Energy (MeV)

66-Dy-154

MAT 6619 MT= 66 (n,n') Level 66-Dy-154

Legendre Coefficients

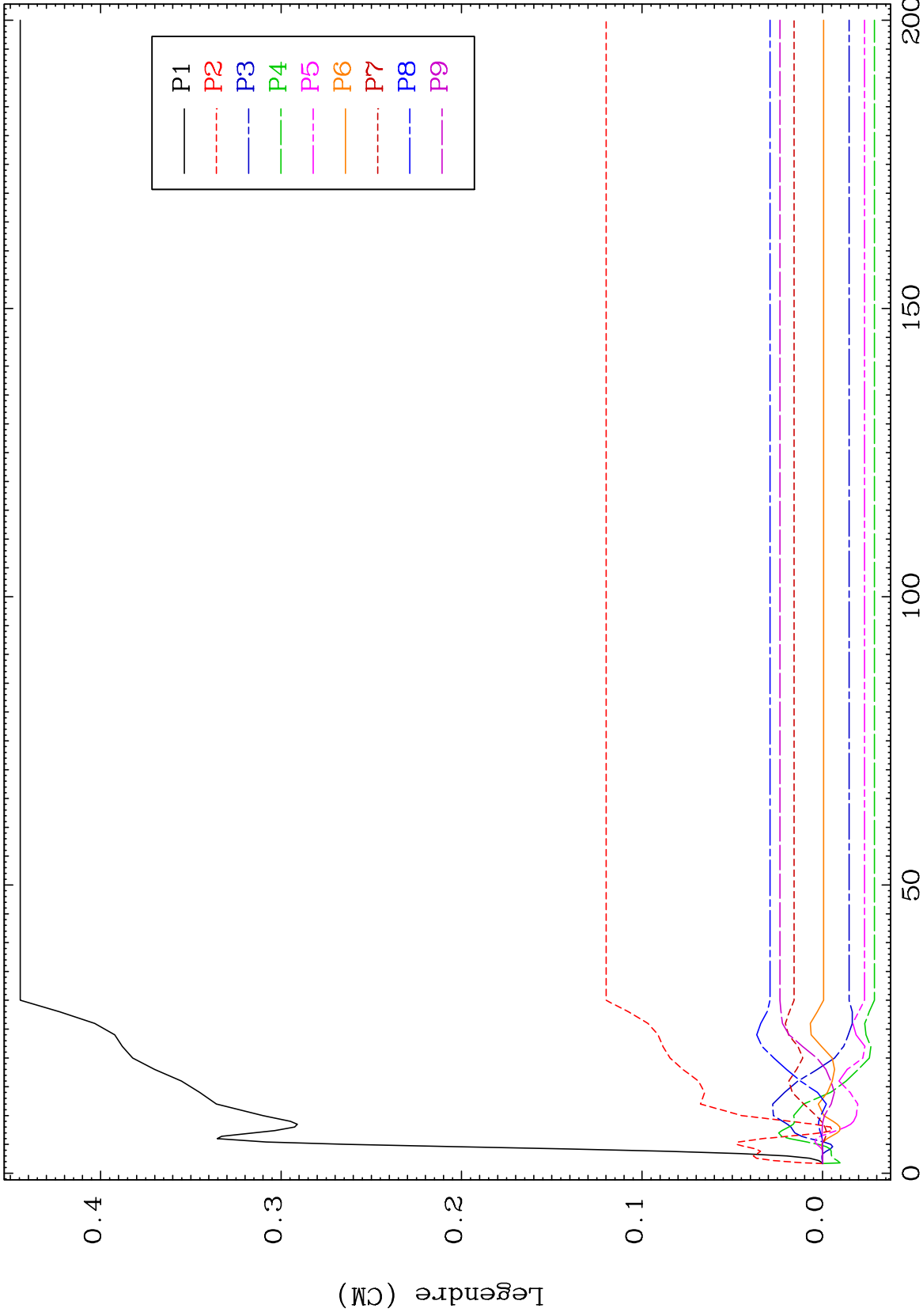


79 Incident Energy (MeV) 66-Dy-154

MAT 6619

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

66-Dy-154



80

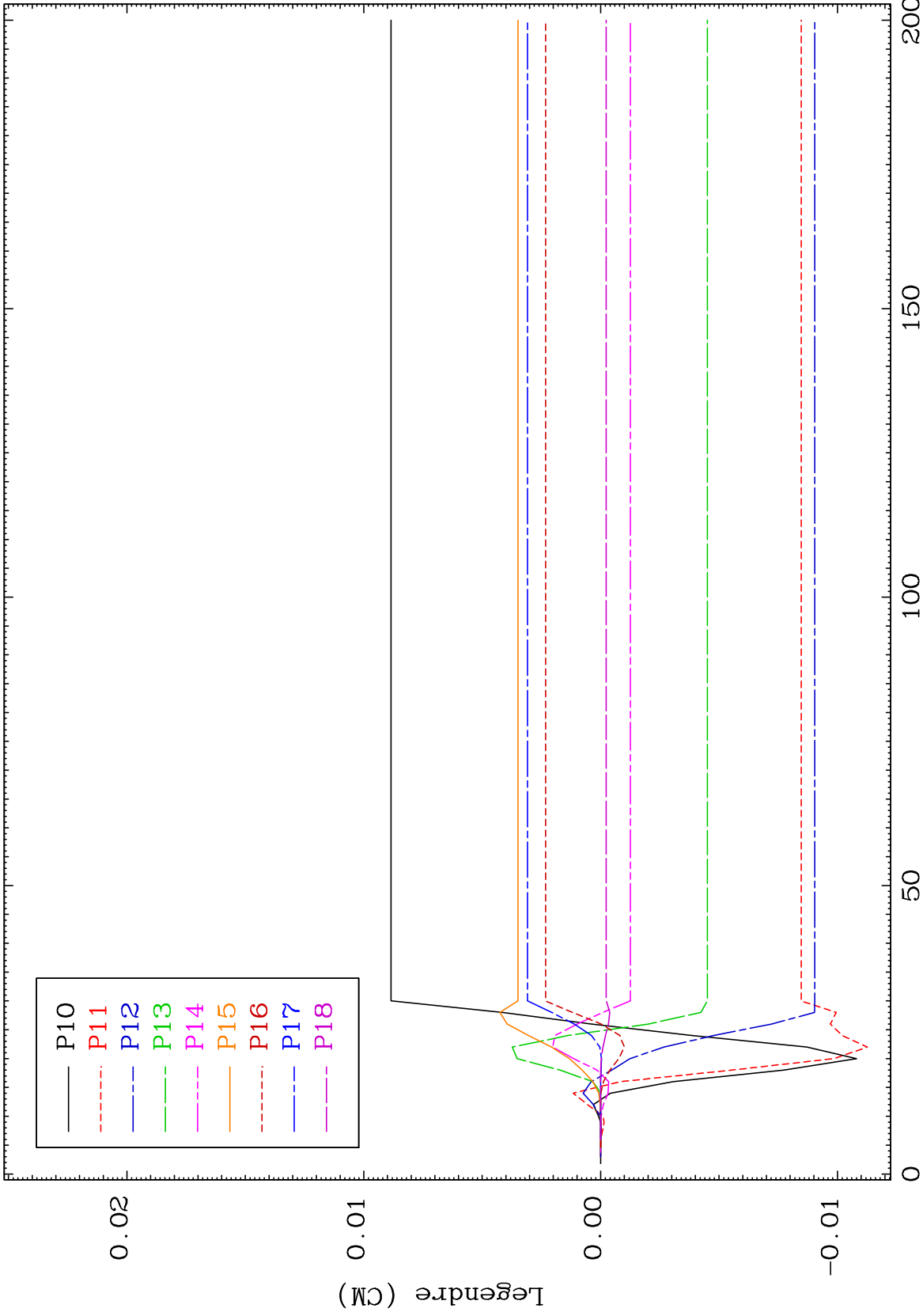
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



81

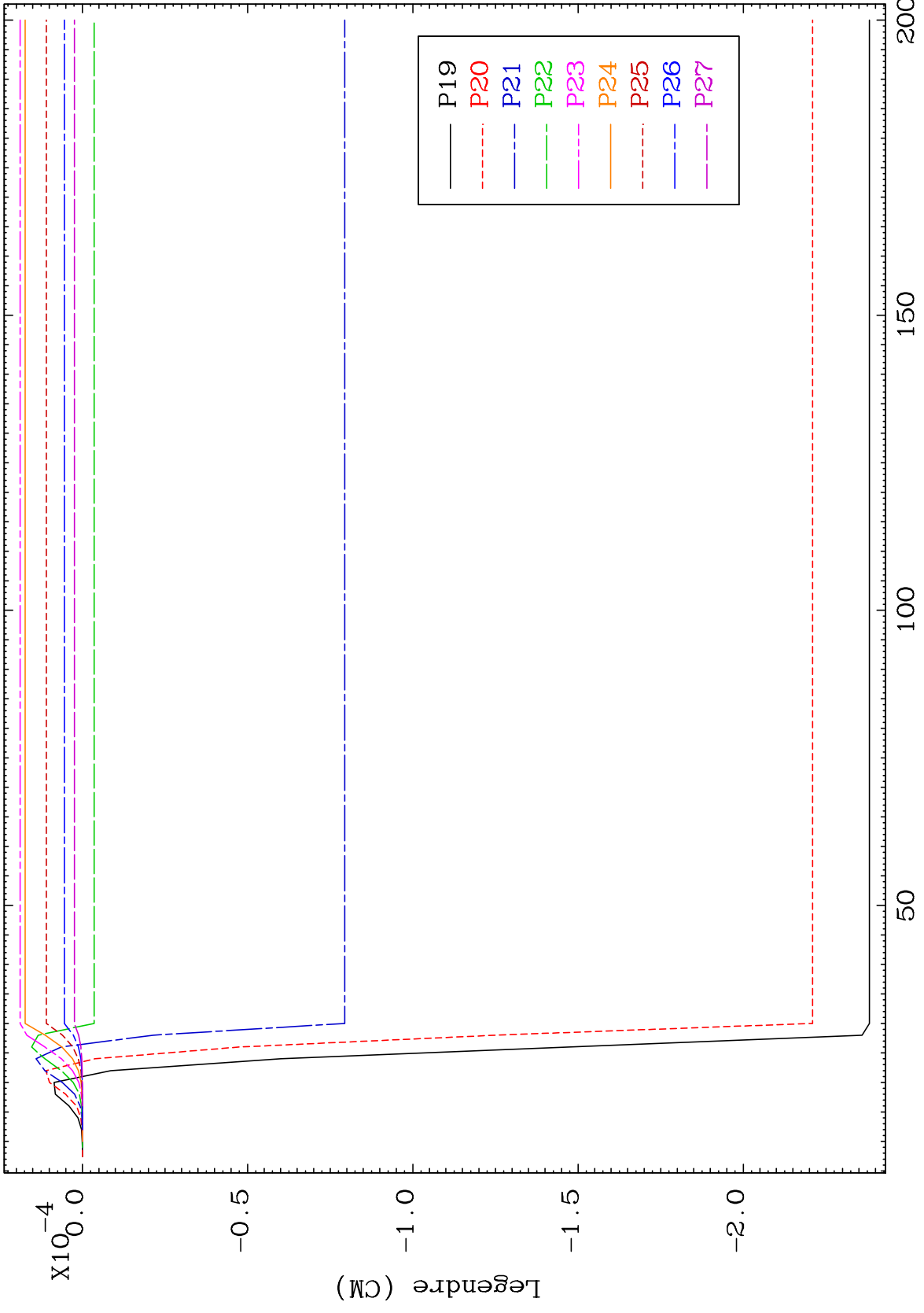
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



66-Dy-154

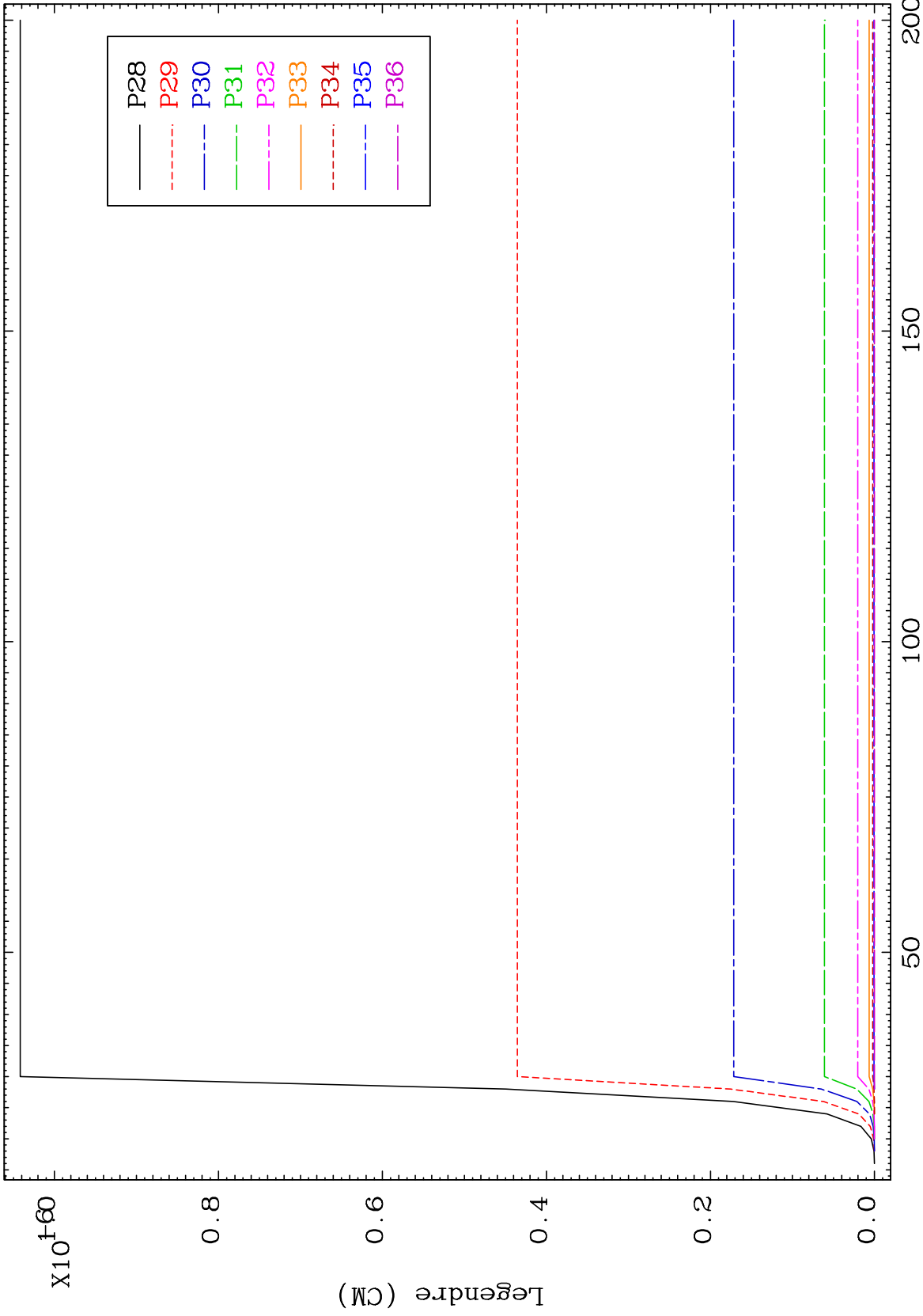
Incident Energy (MeV)

82

MAT 6619

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

66-Dy-154

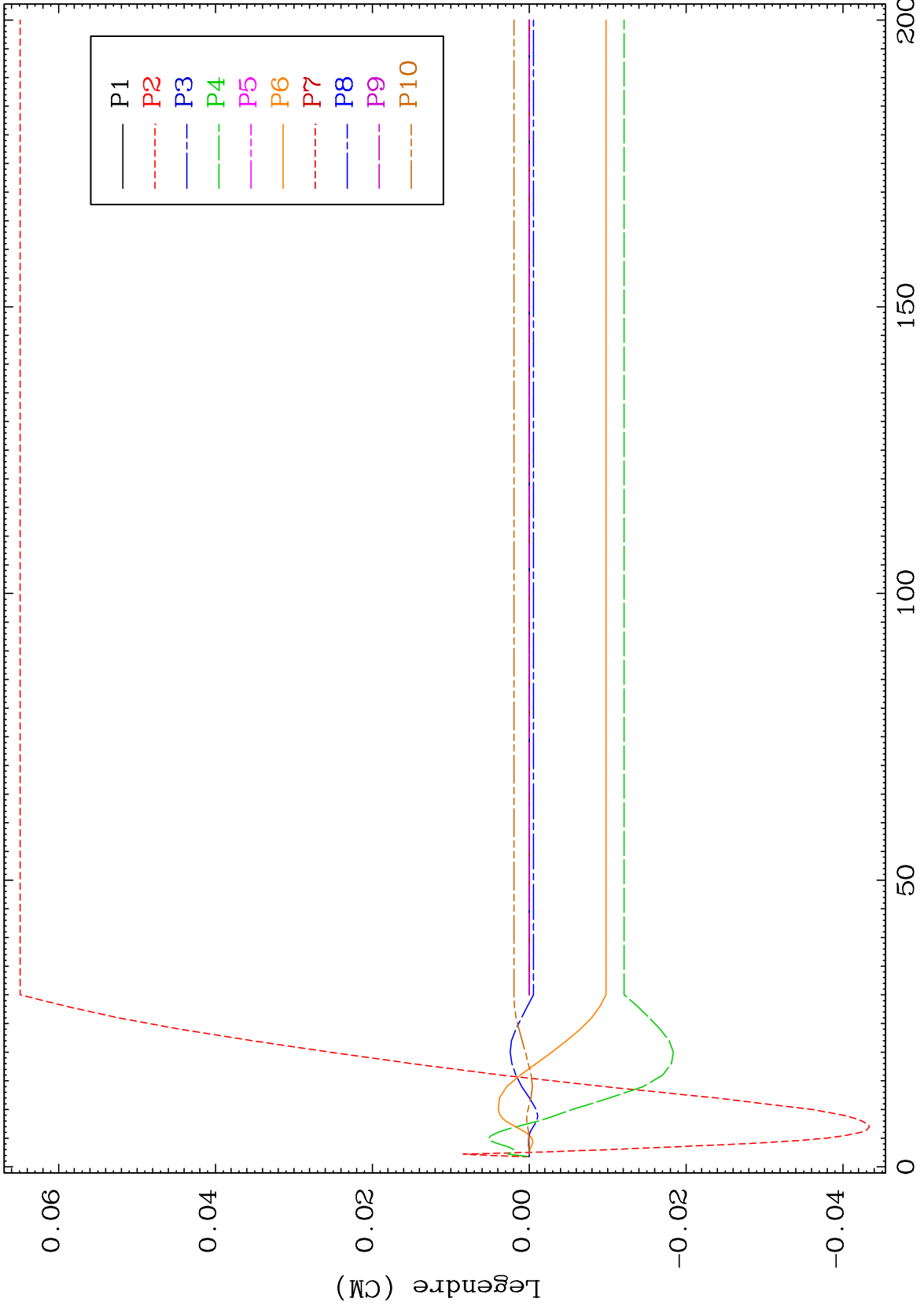


83

Incident Energy (MeV)

66-Dy-154

MAT 6619 MT= 68 (n,n') Level Legendre Coefficients 66-Dy-154

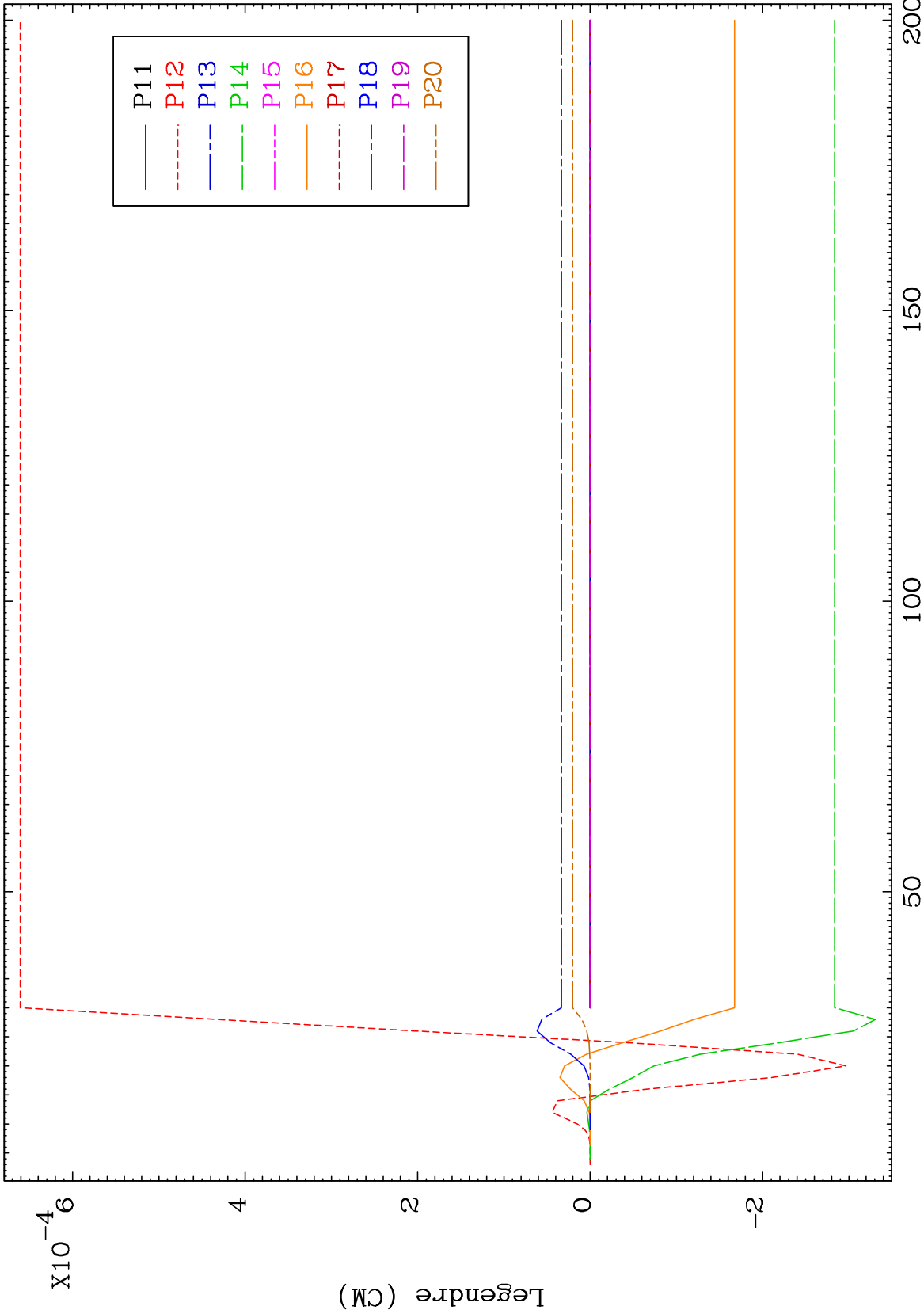


84 66-Dy-154

MAT 6619

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

66-Dy-154



85

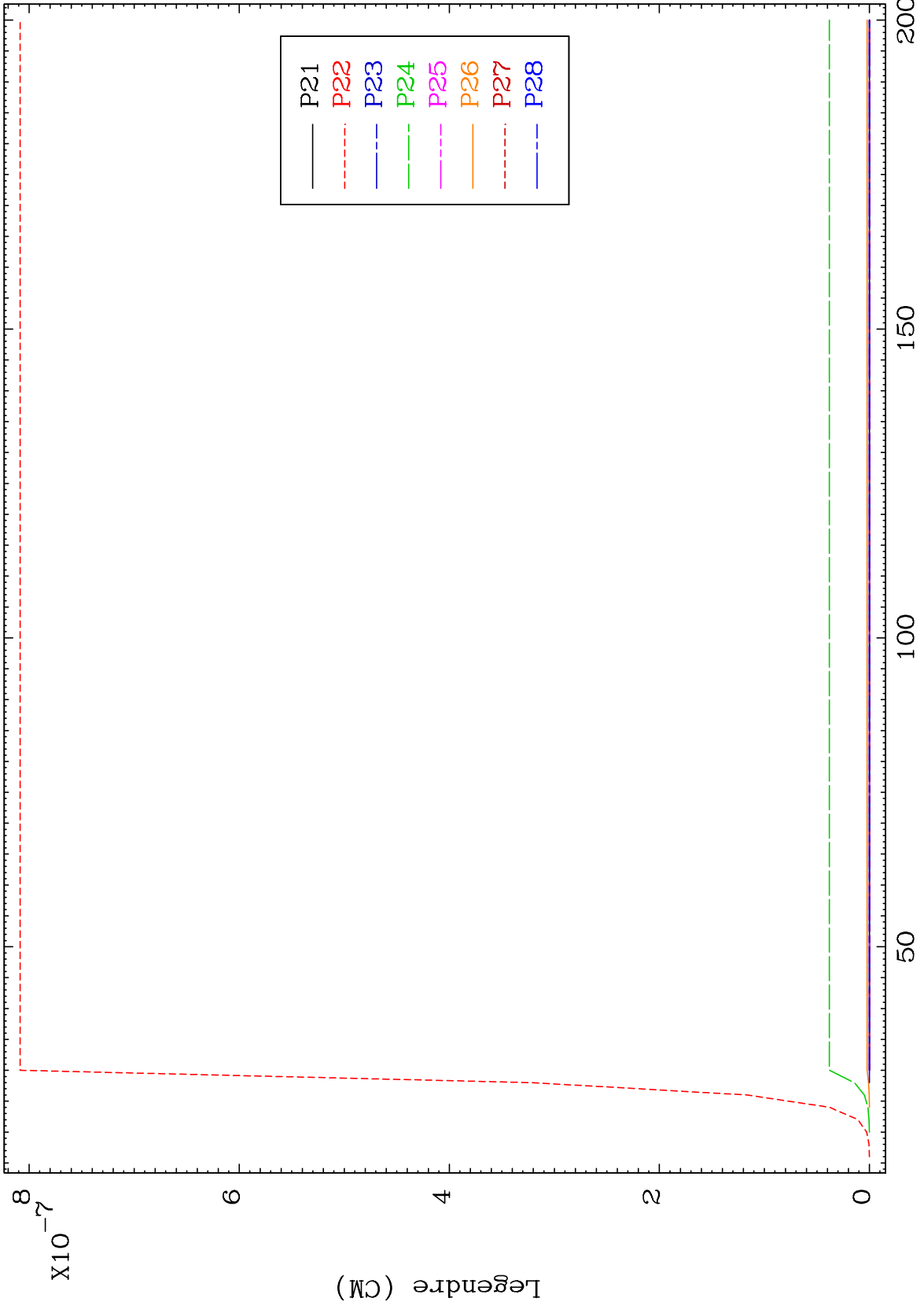
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



86

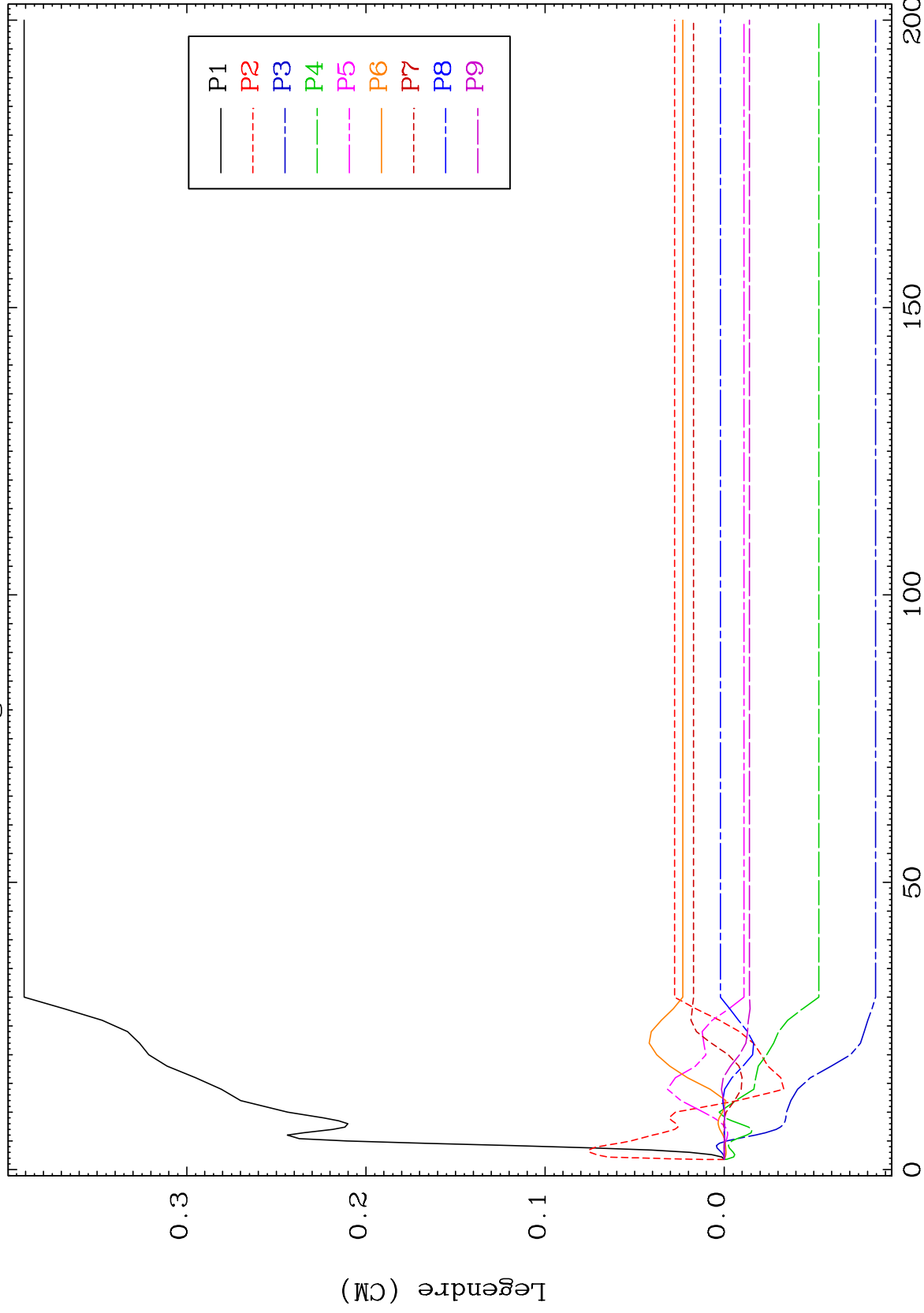
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



87

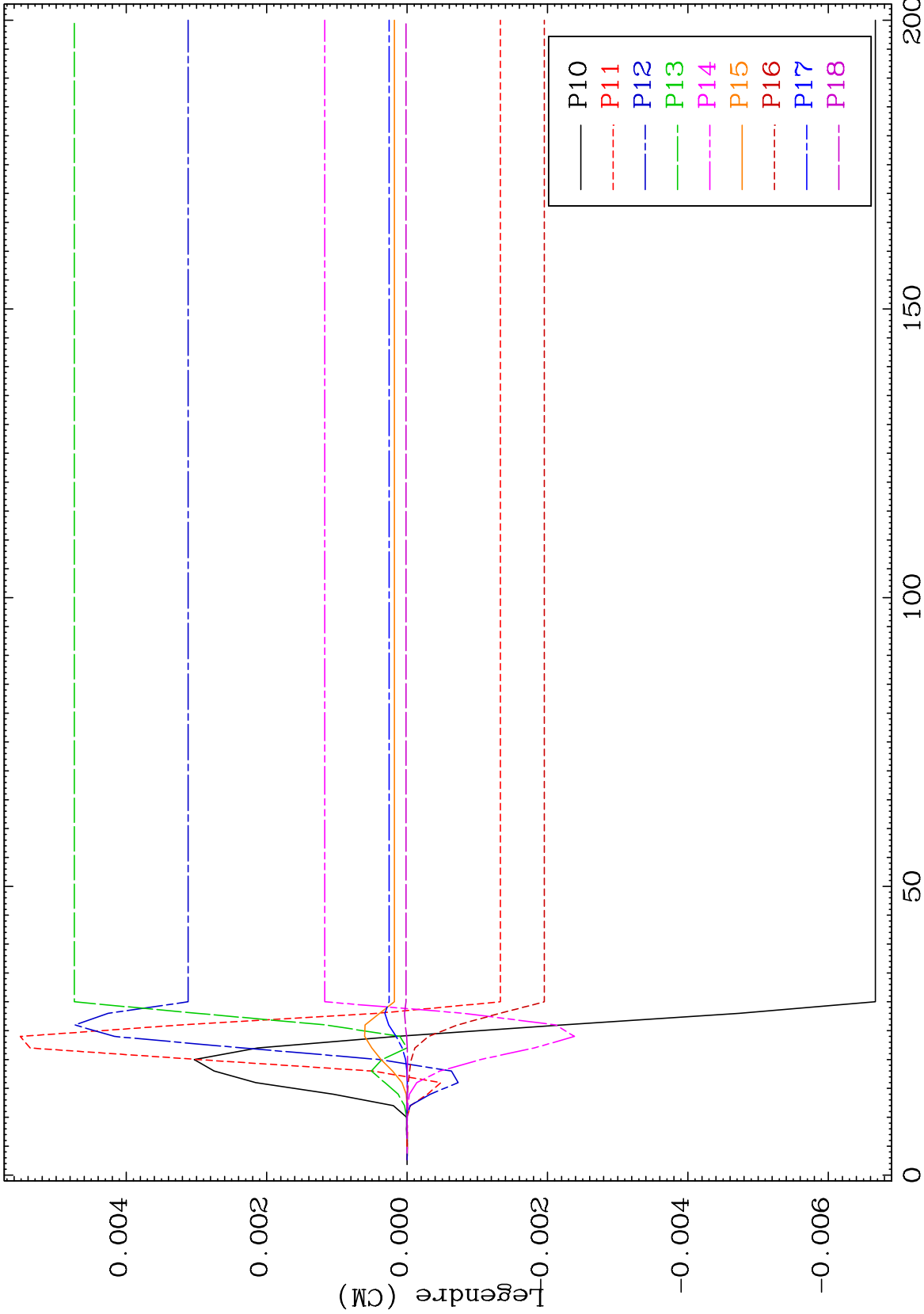
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



88

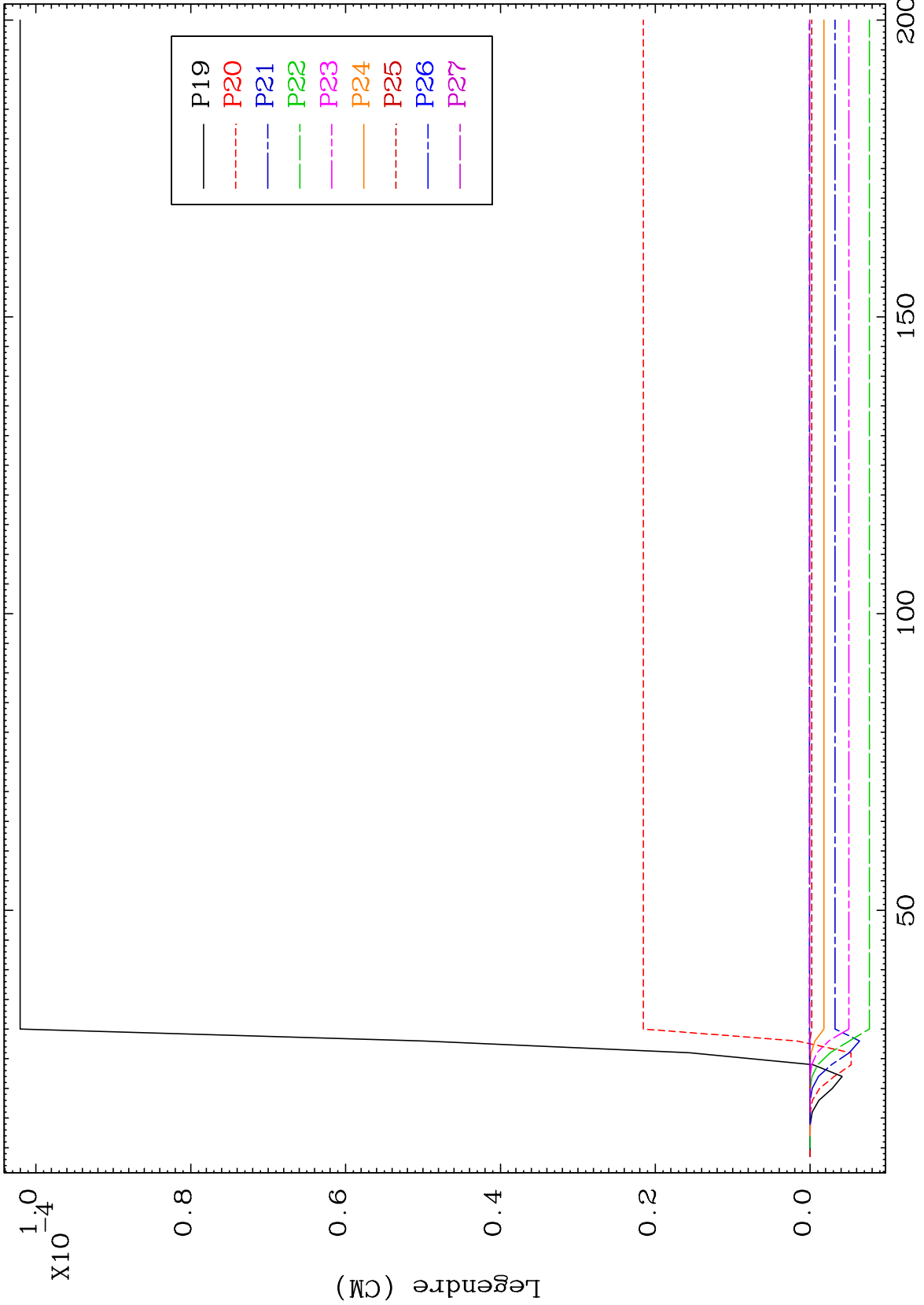
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



89

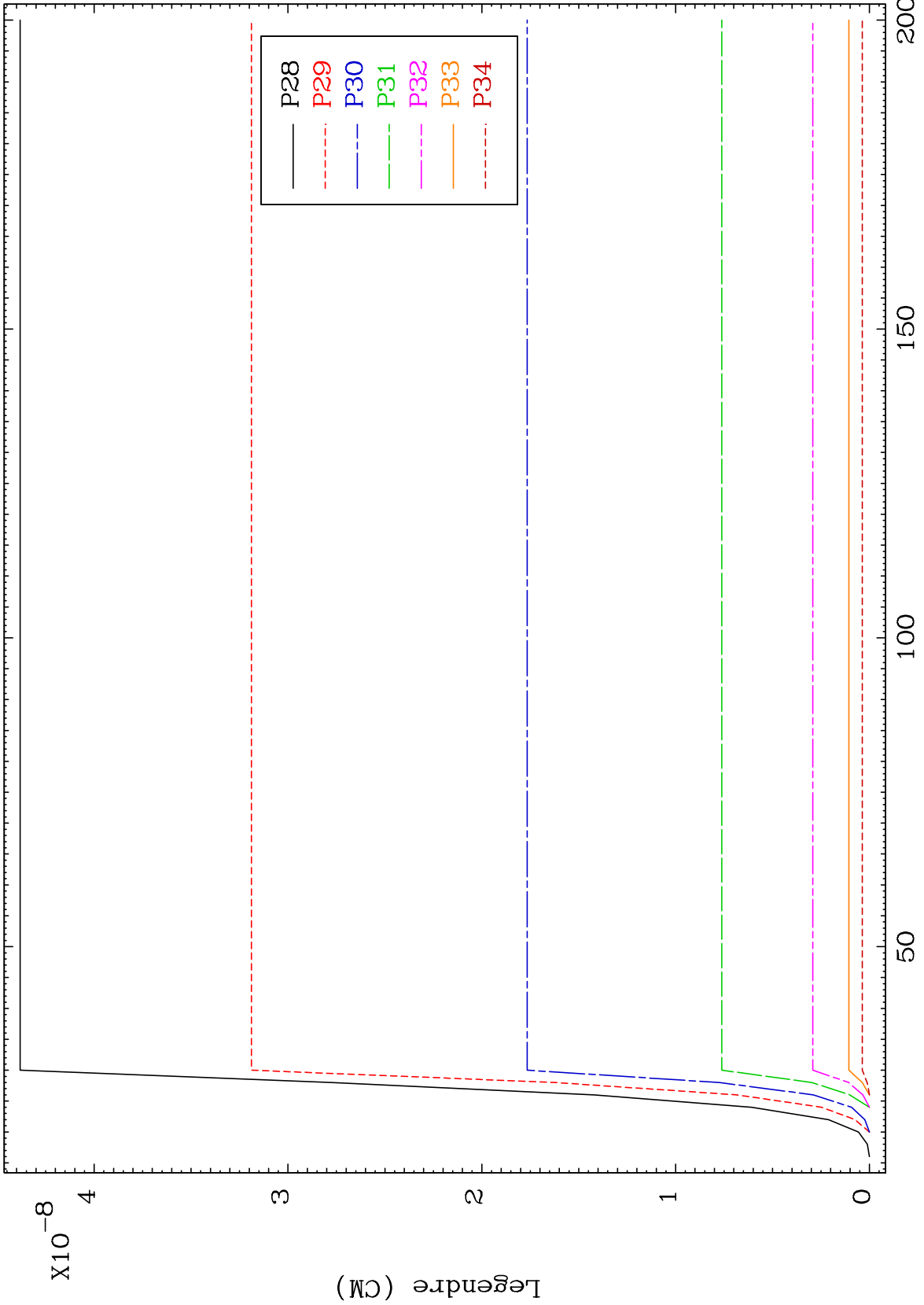
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154

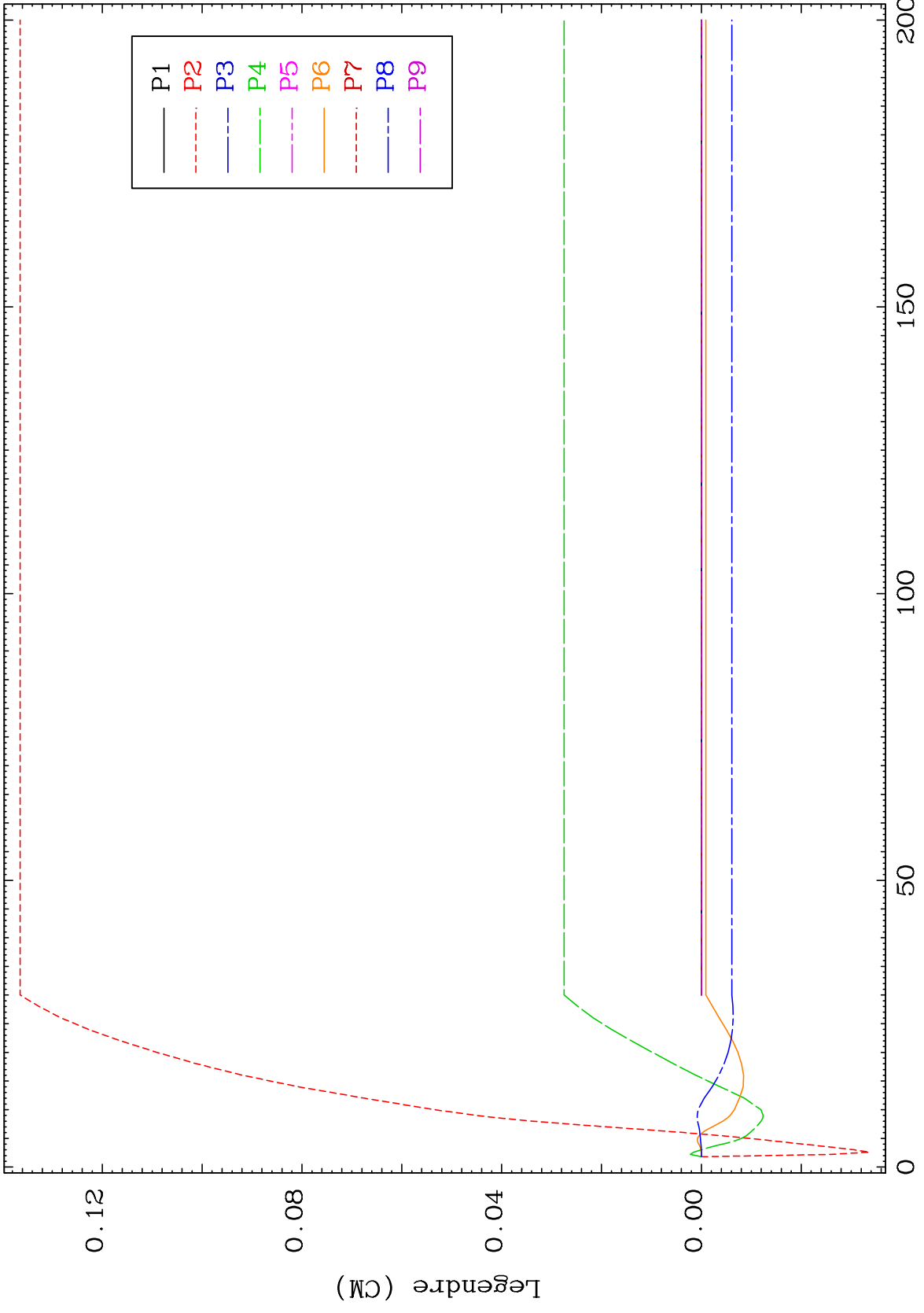


90

Incident Energy (MeV)

66-Dy-154

MAT 6619 MT= 70 (n,n') Level Legendre Coefficients 66-Dy-154

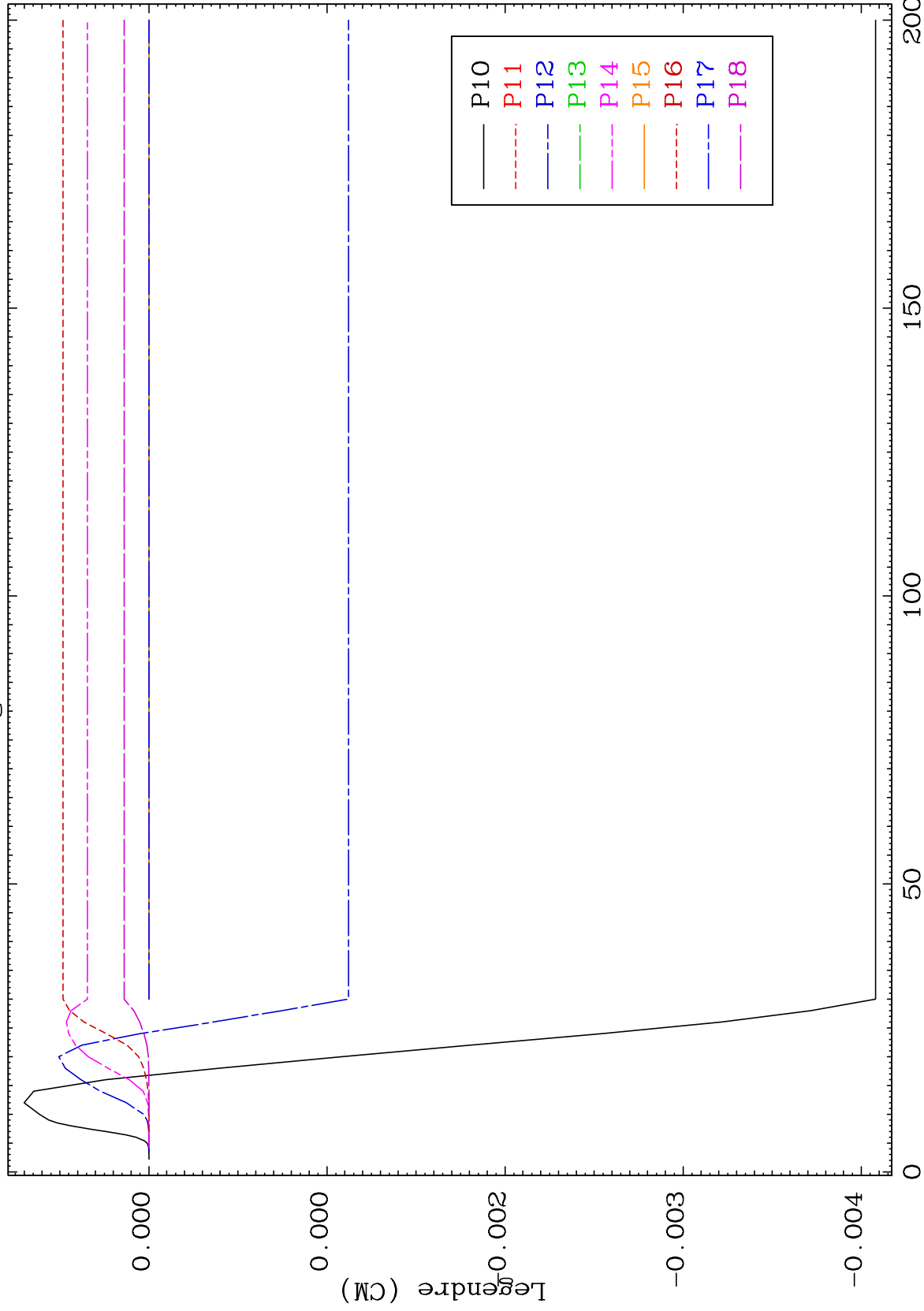


91 66-Dy-154

MAT 6619

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

66-Dy-154



92

Incident Energy (MeV)

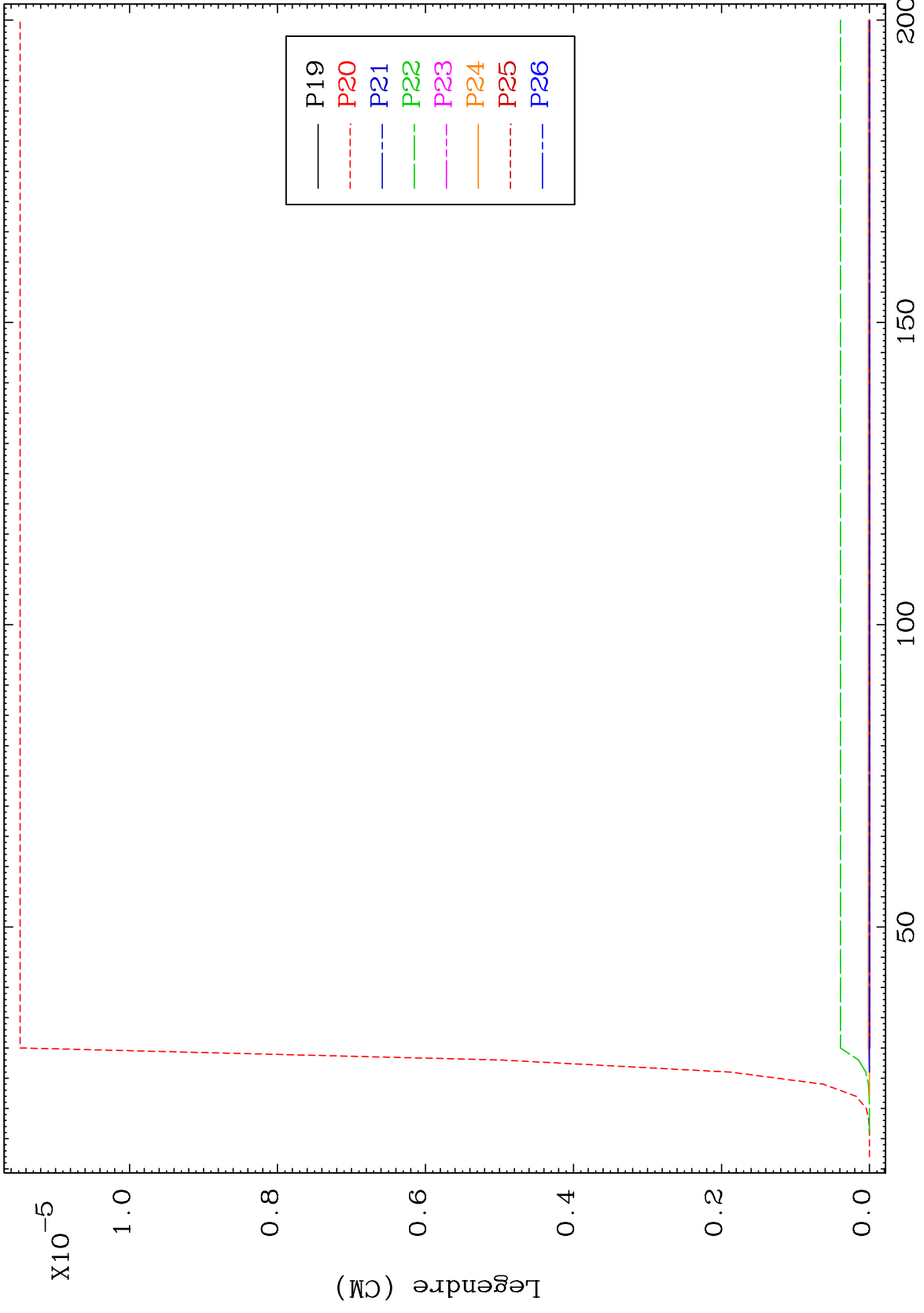
66-Dy-154

MAT 6619

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

66-Dy-154

66-Dy-154

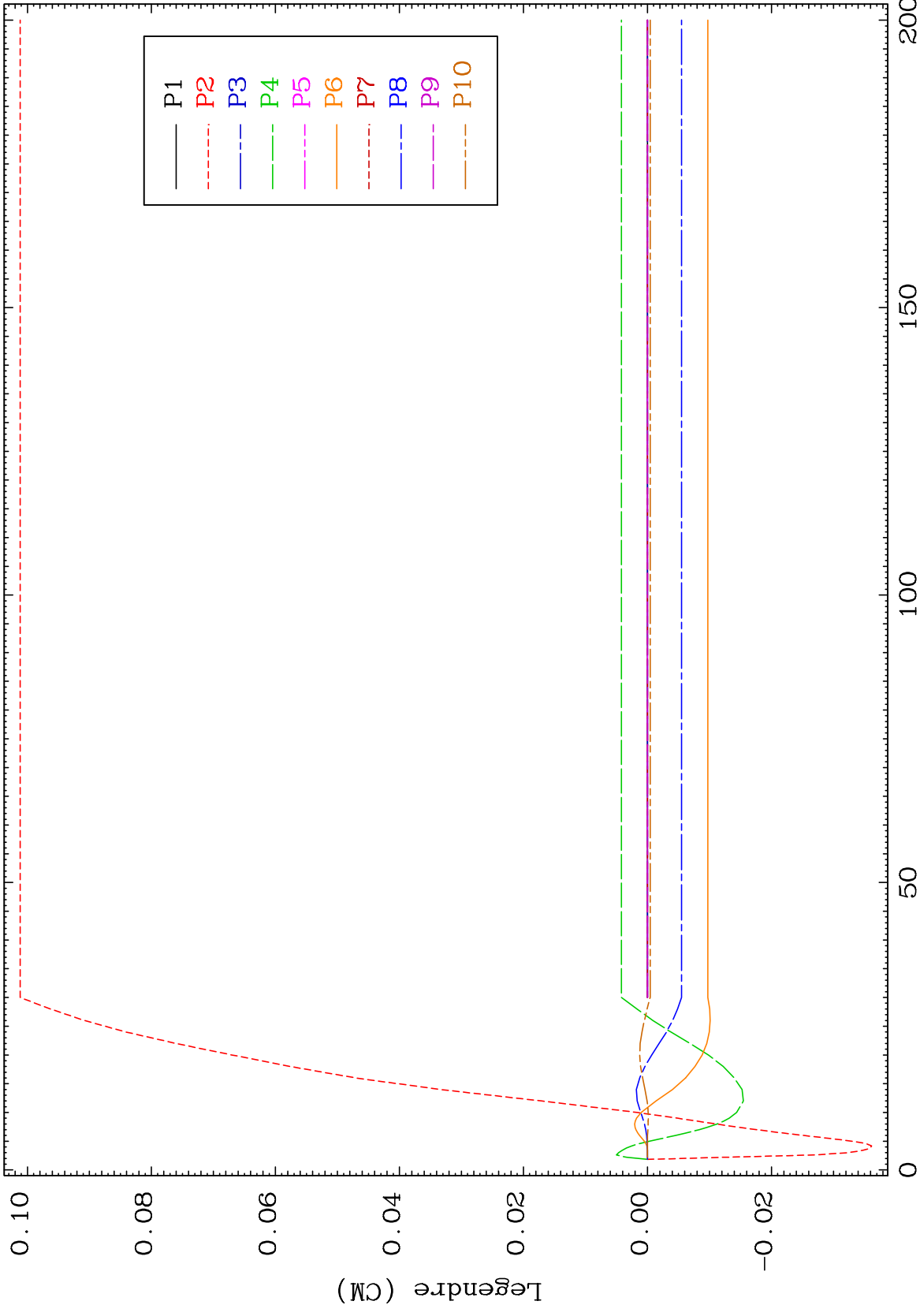


93

MAT 6619

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

66-Dy-154



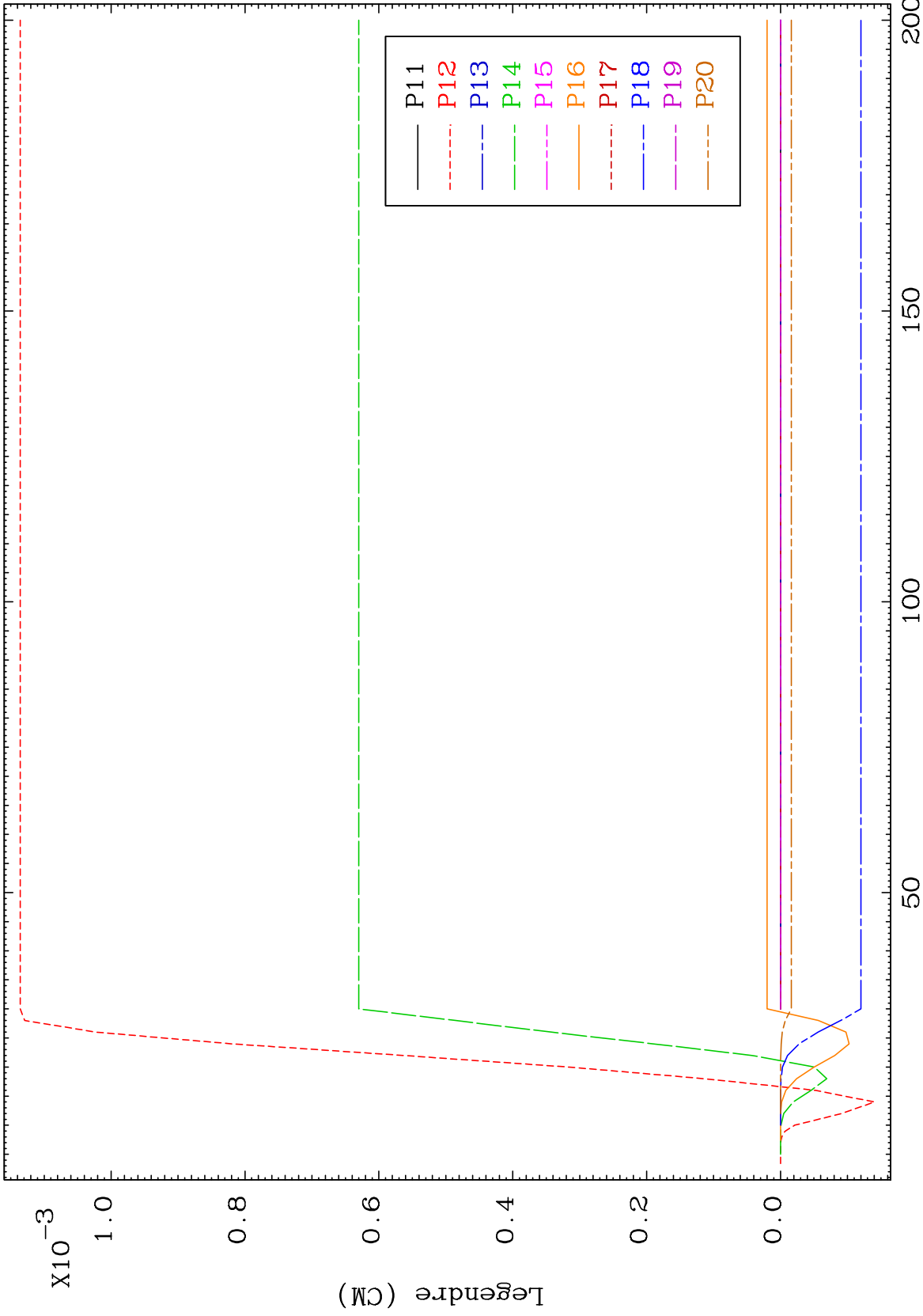
94

66-Dy-154

MAT 6619

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

66-Dy-154



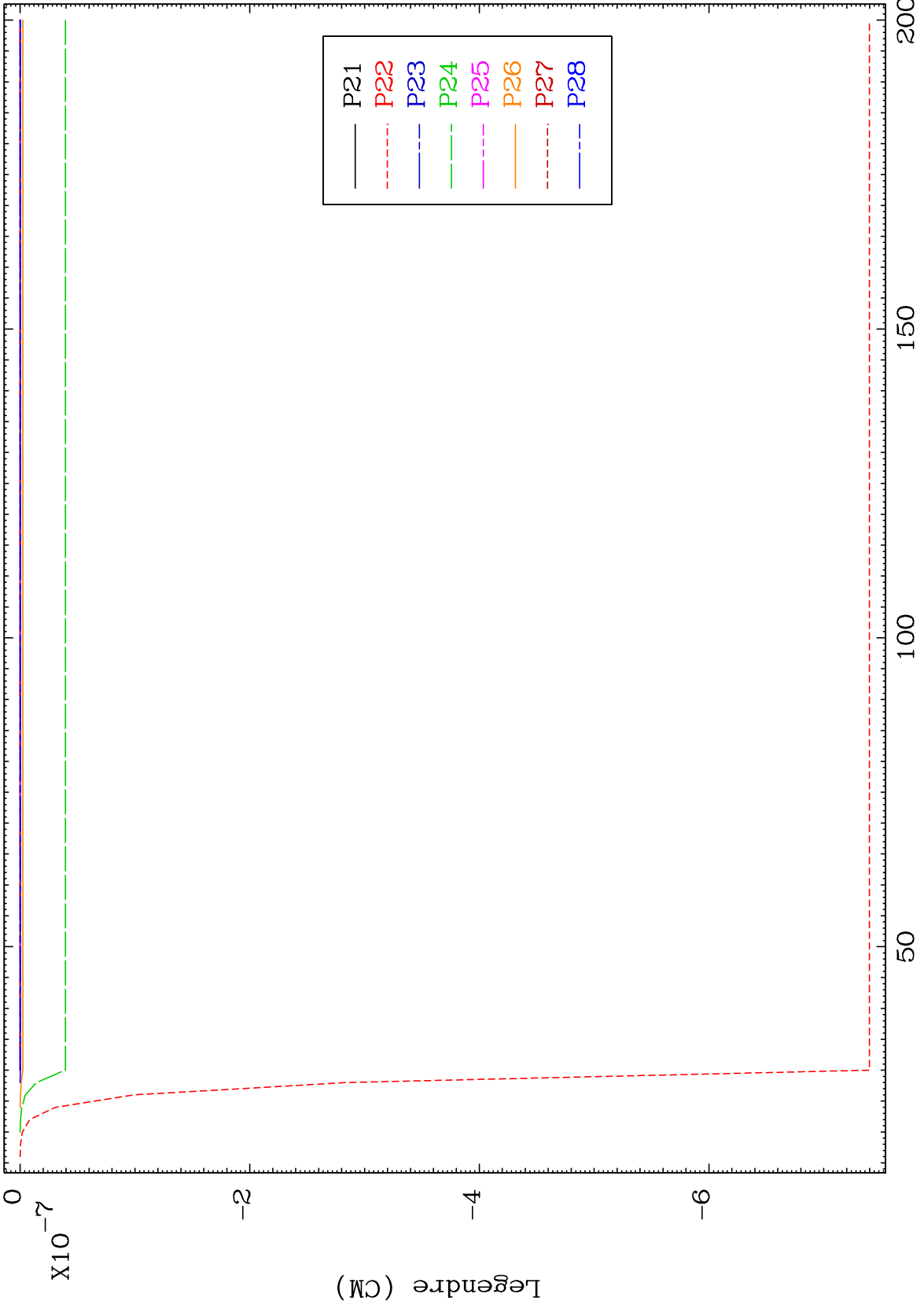
95

Incident Energy (MeV)

66-Dy-154

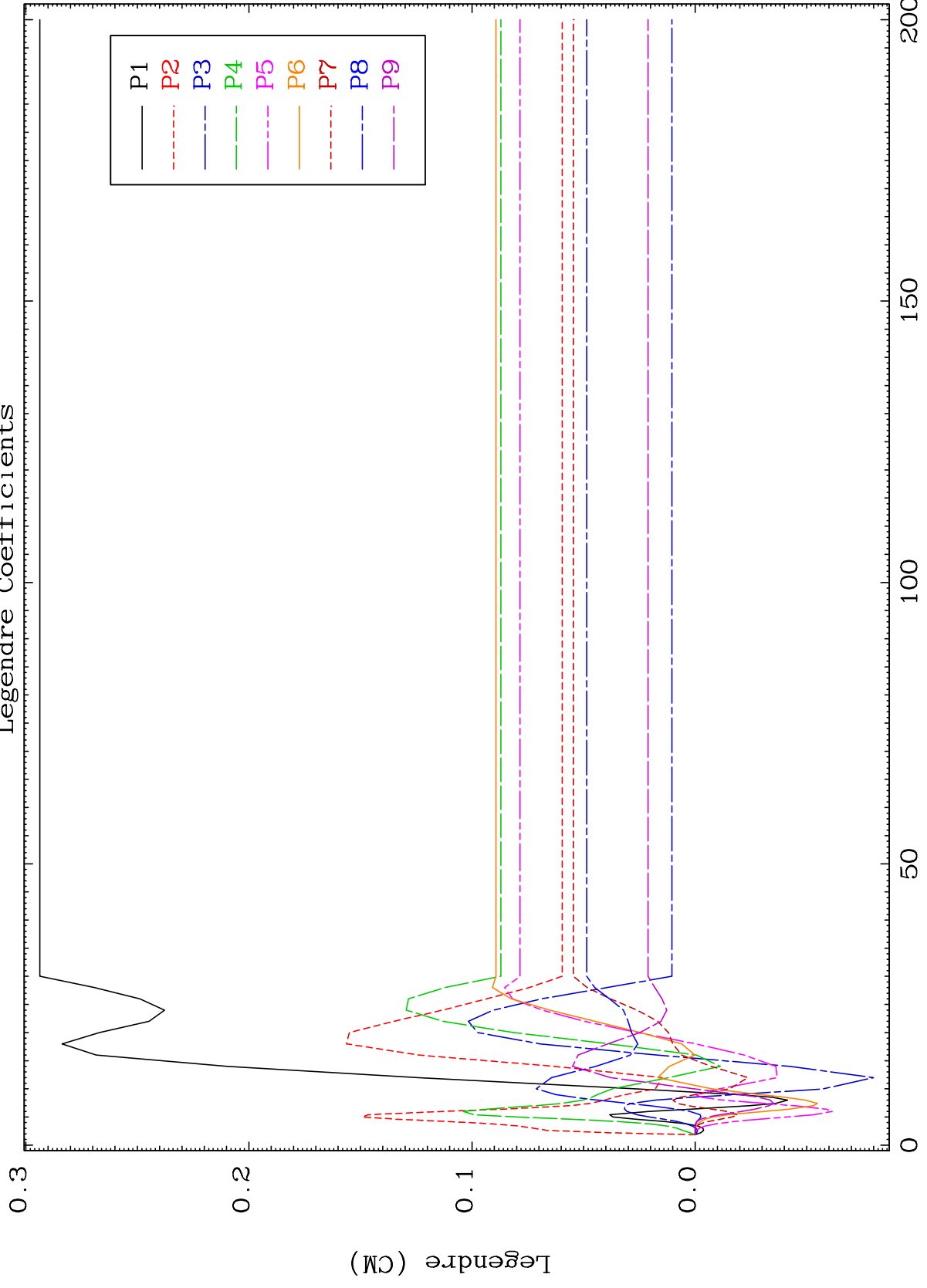
MAT 6619 MT= 71 (n,n') Level 66-Dy-154

Legendre Coefficients



96 66-Dy-154

MAT 6619 MT= 72 (n,n') Level Legendre Coefficients 66-Dy-154

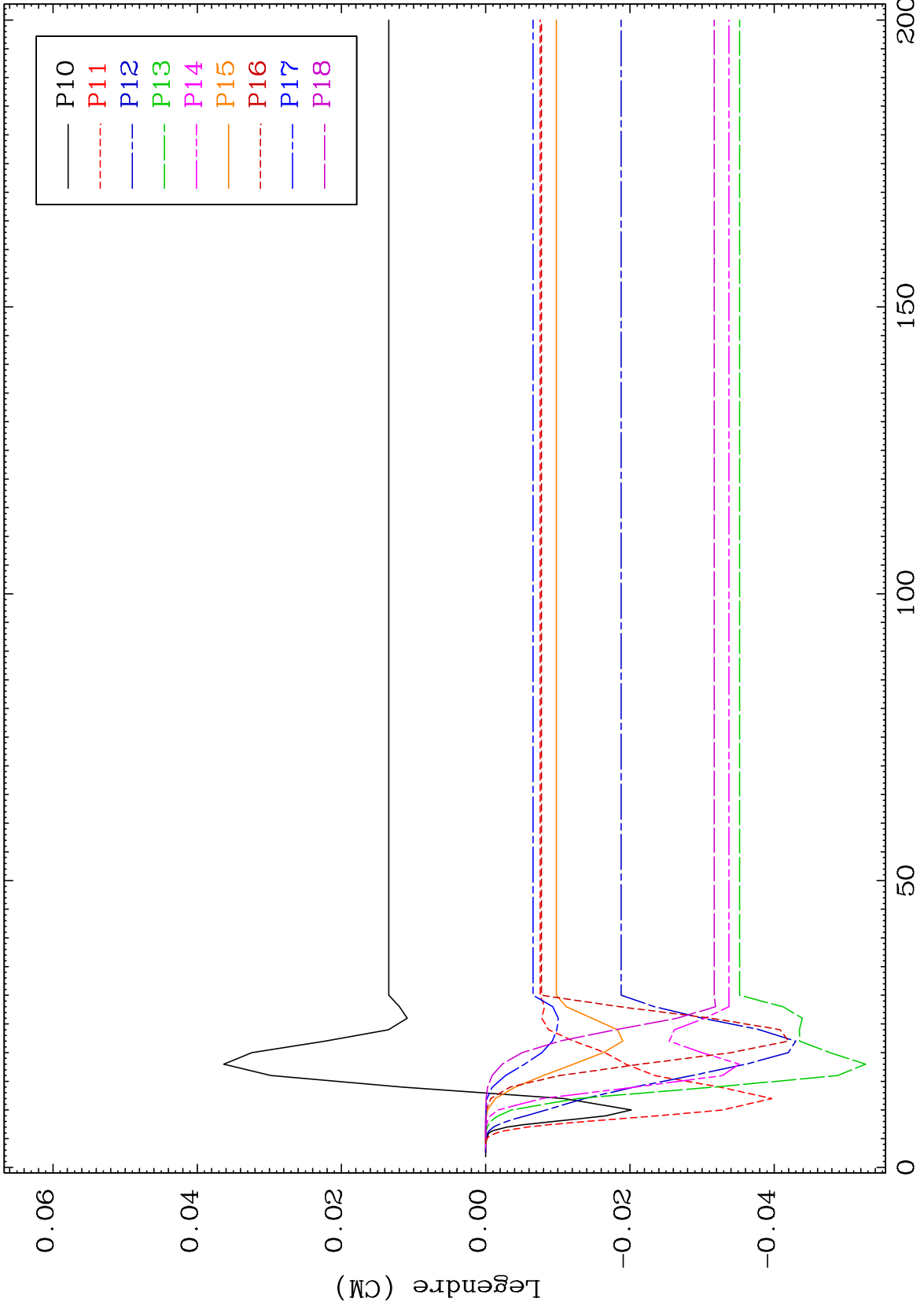


97 Incident Energy (MeV) 66-Dy-154

MAT 6619

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

66-Dy-154



98

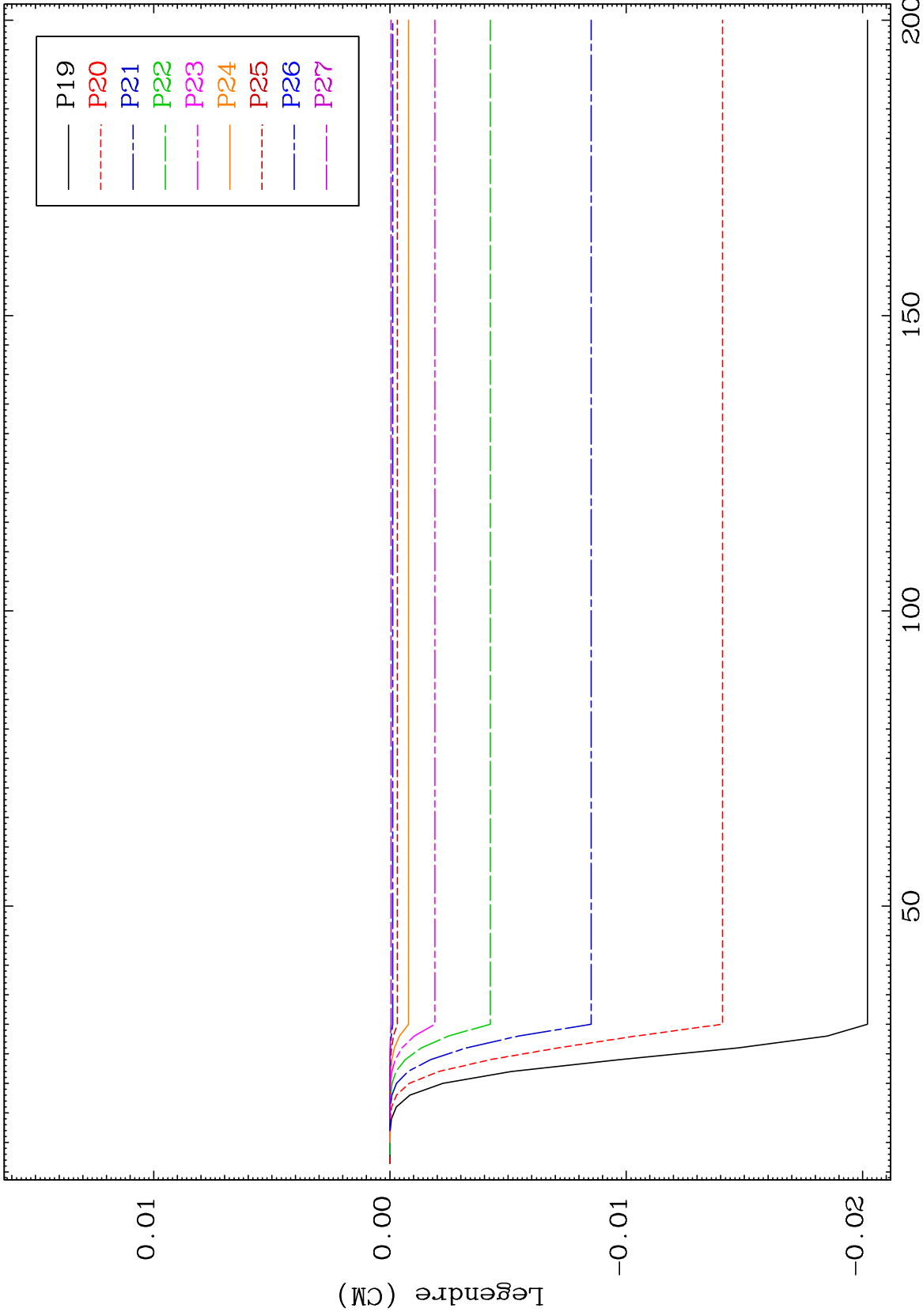
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



99

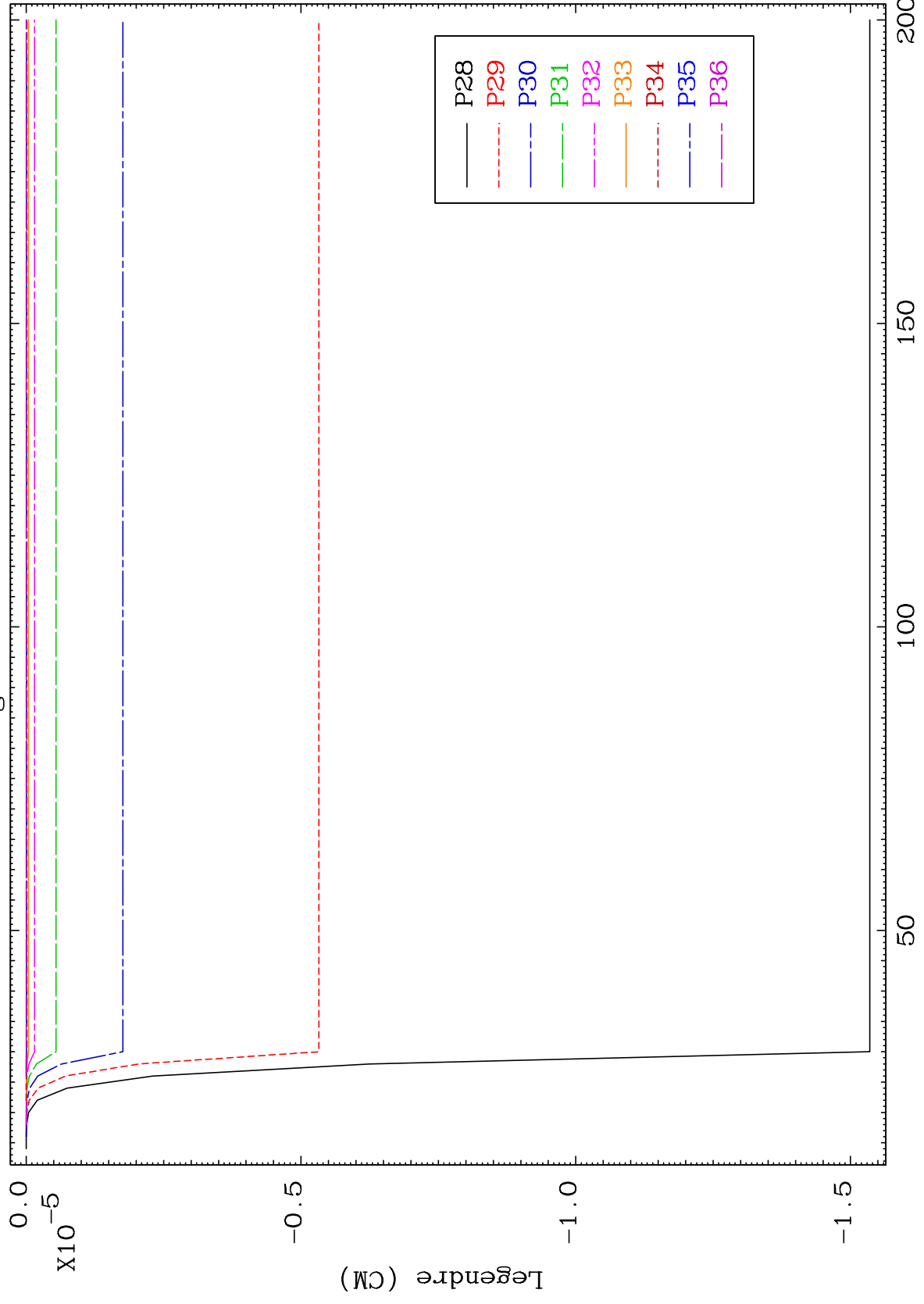
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



66-Dy-154

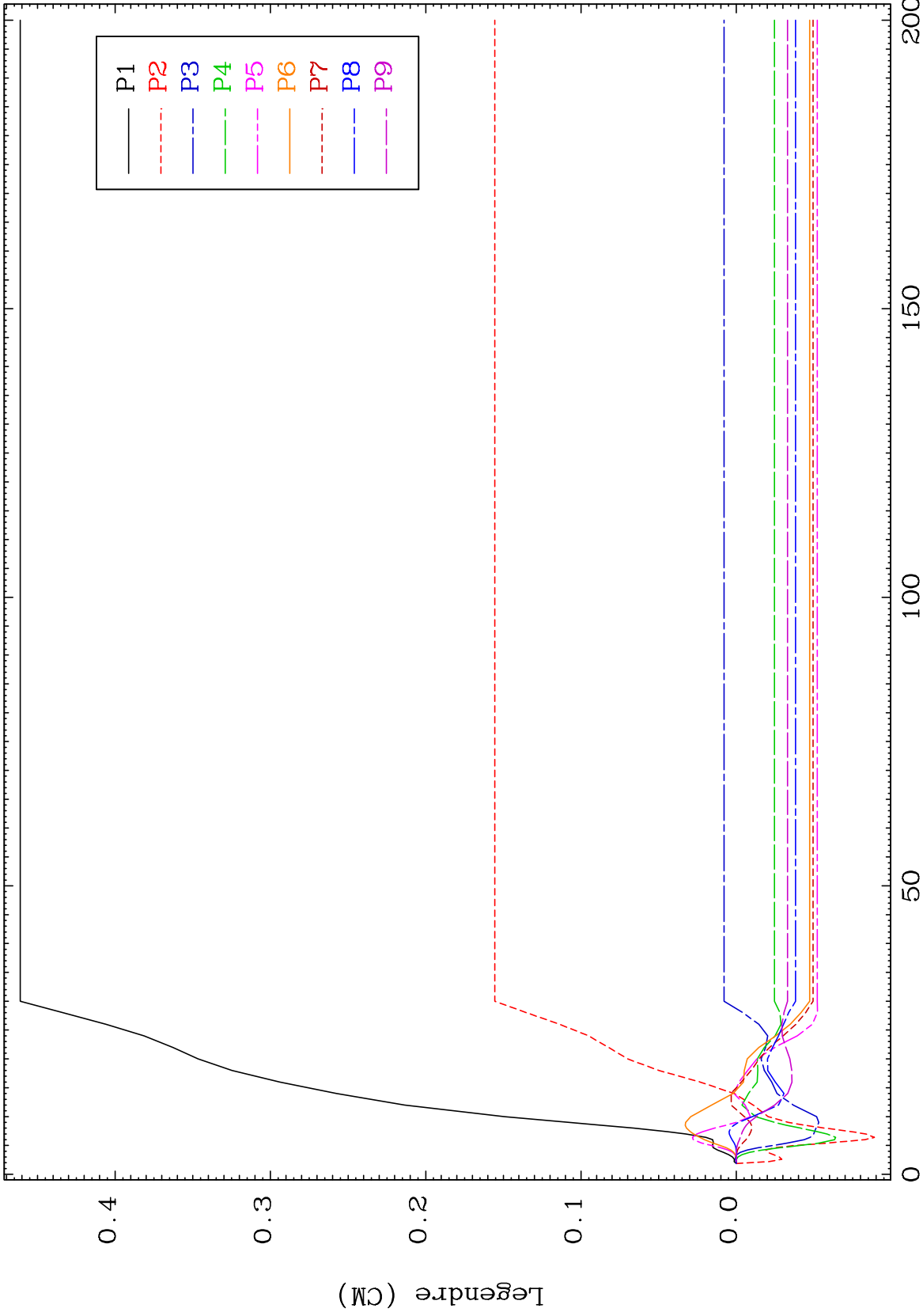
Incident Energy (MeV)

100

MAT 6619

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

66-Dy-154



101

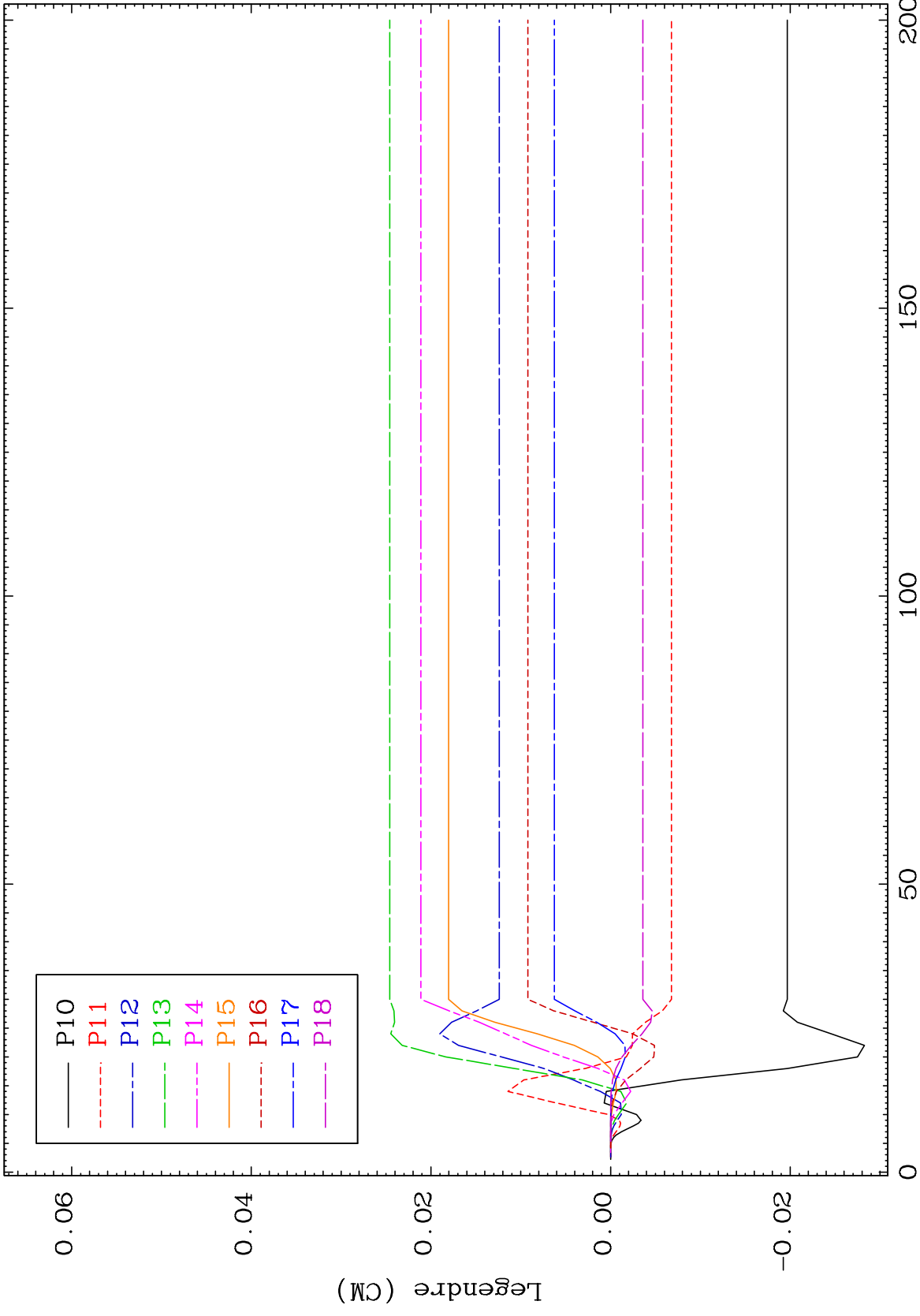
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



102

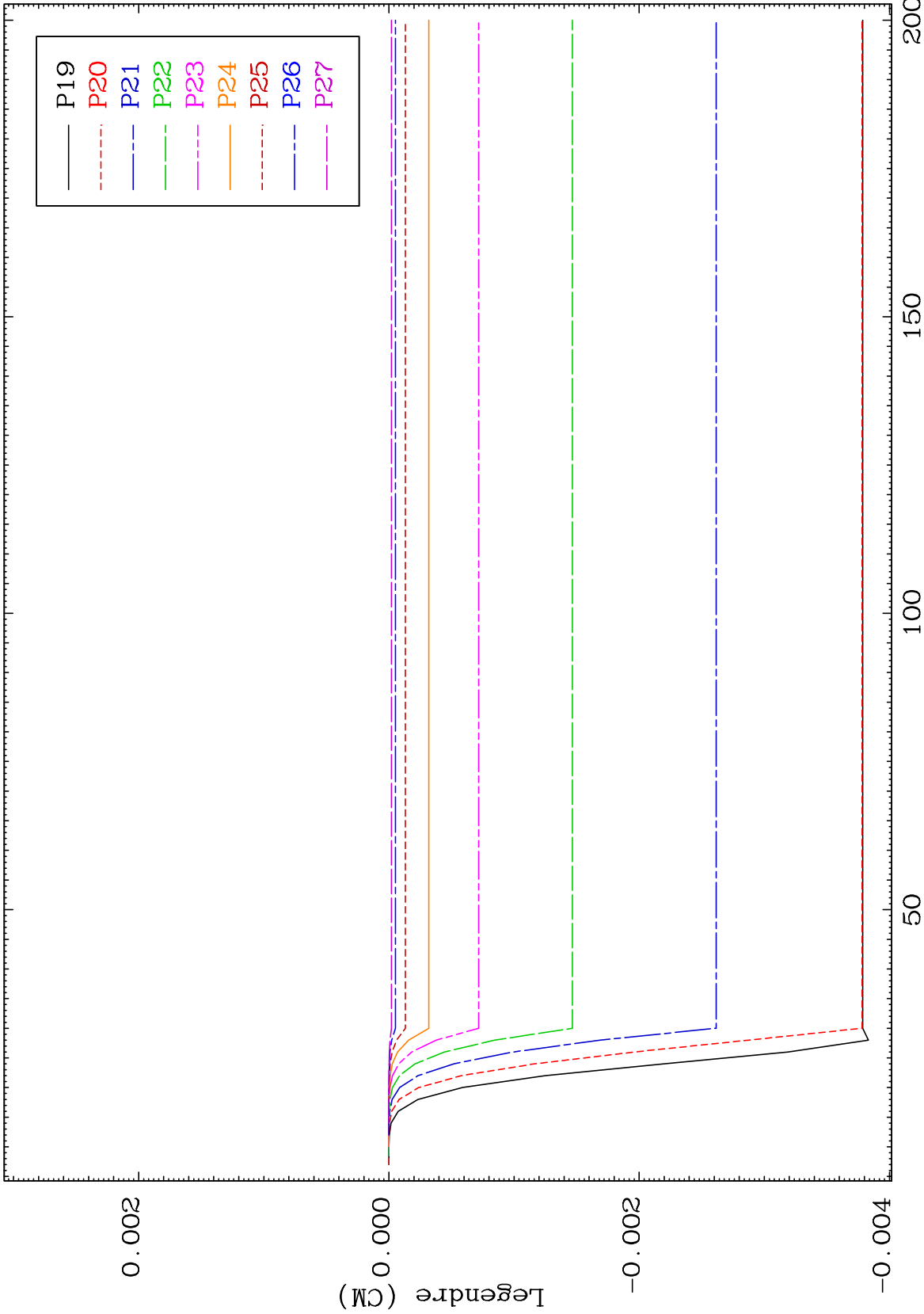
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



103

Incident Energy (MeV)

66-Dy-154

MAT 6619

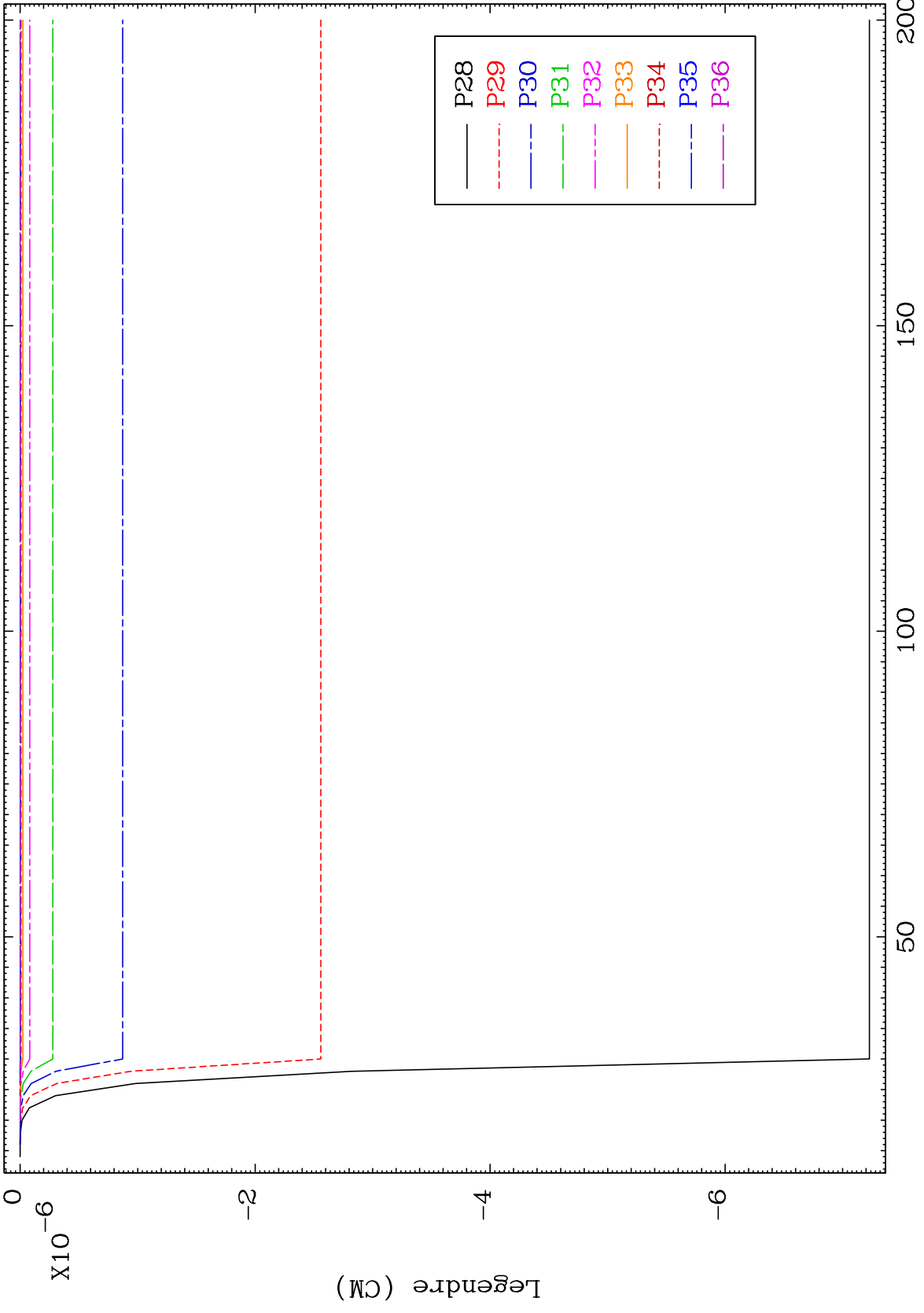
MT= 73 (n,n') Level
Legendre Coefficients

66-Dy-154

66-Dy-154

Incident Energy (MeV)

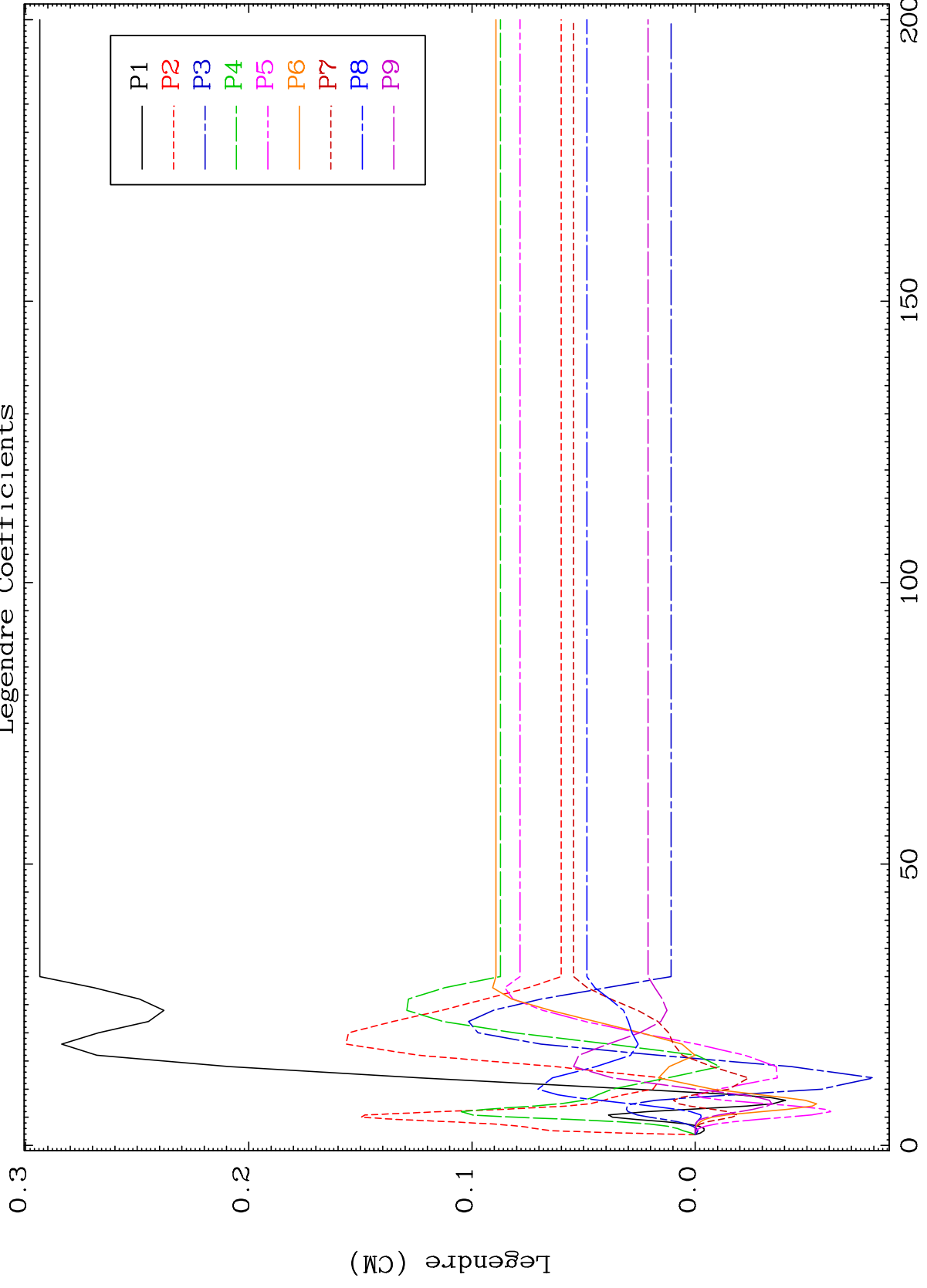
104



MAT 6619

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

66-Dy-154



66-Dy-154

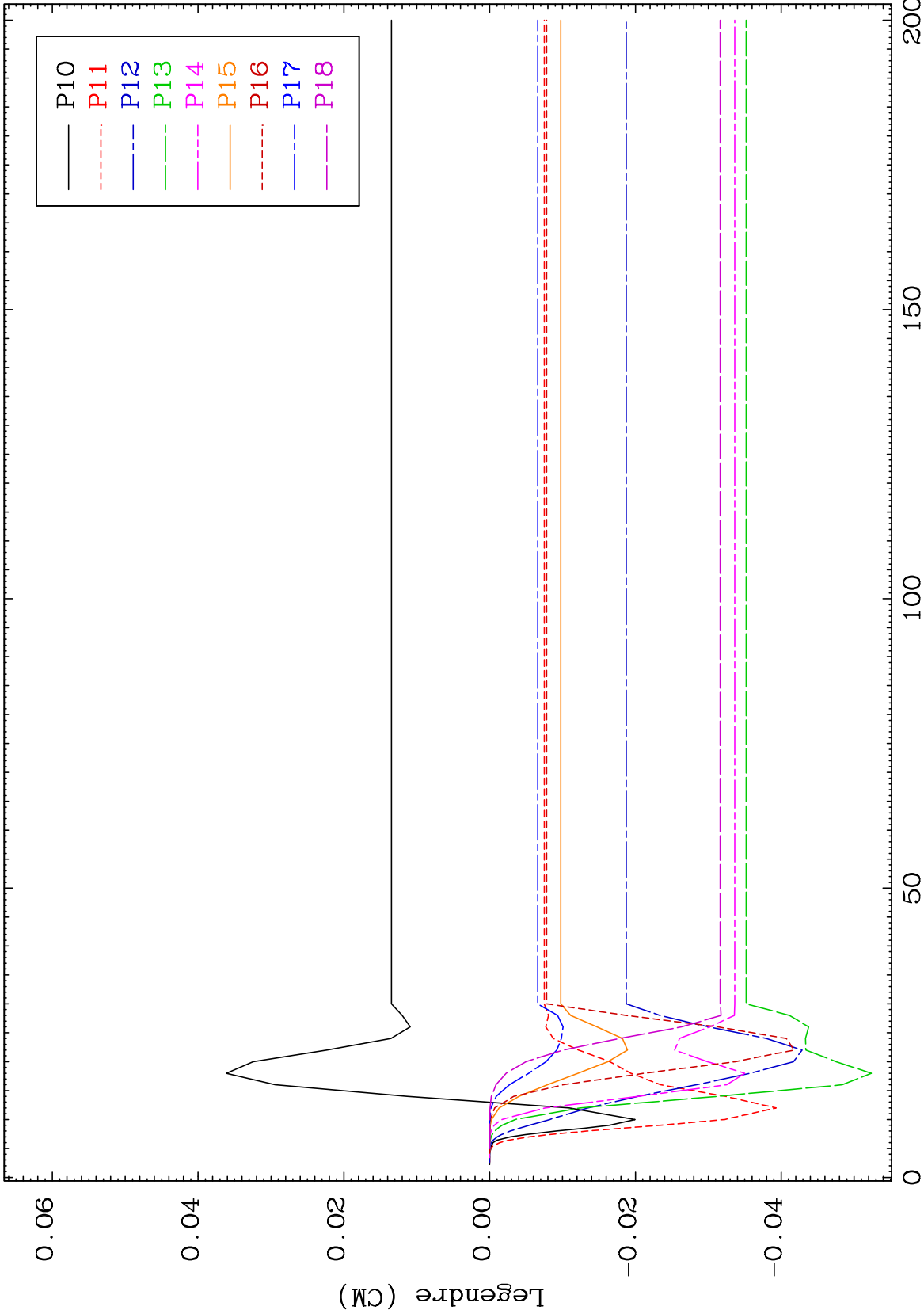
Incident Energy (MeV)

105

MAT 6619

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

66-Dy-154



106

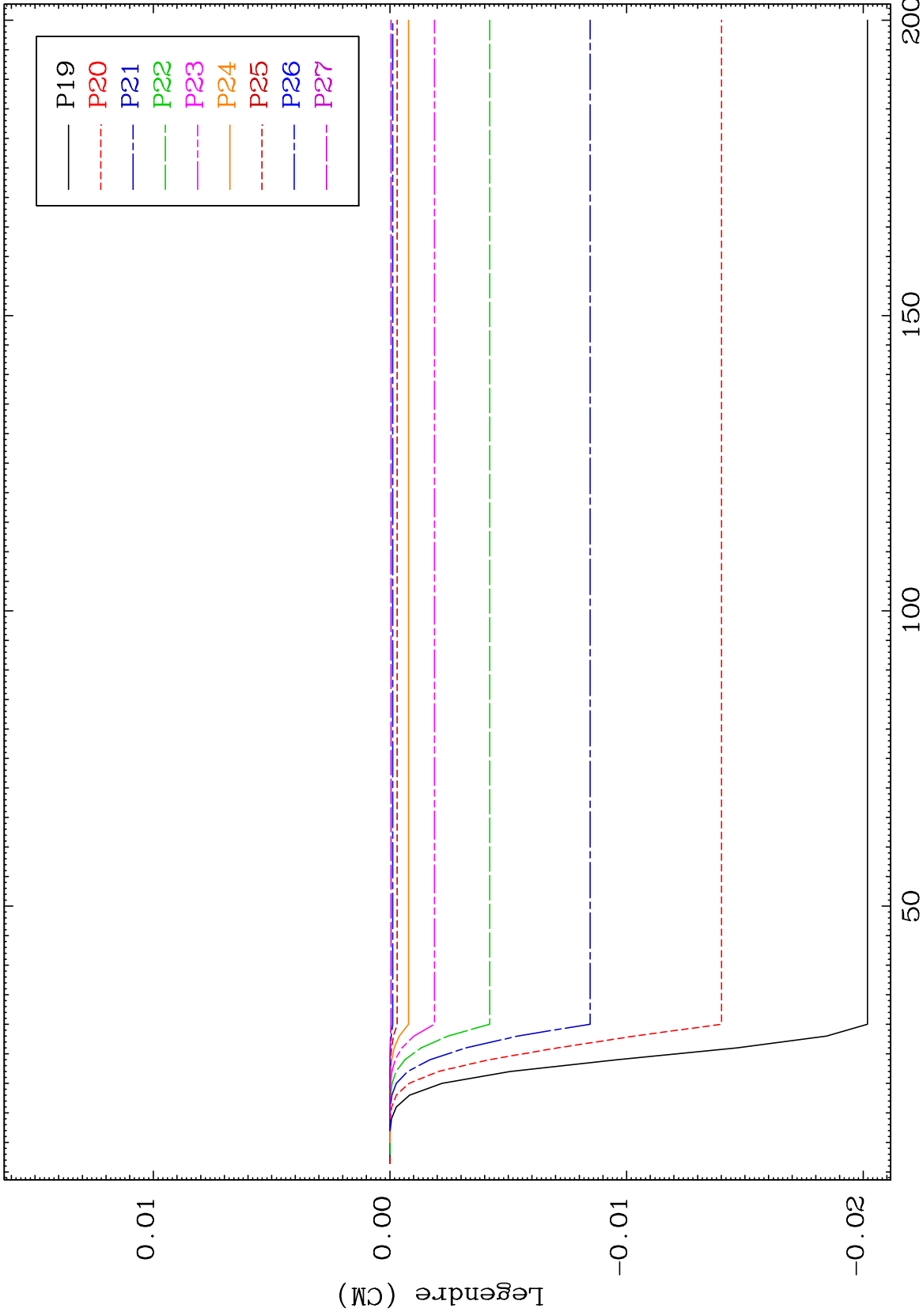
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



107

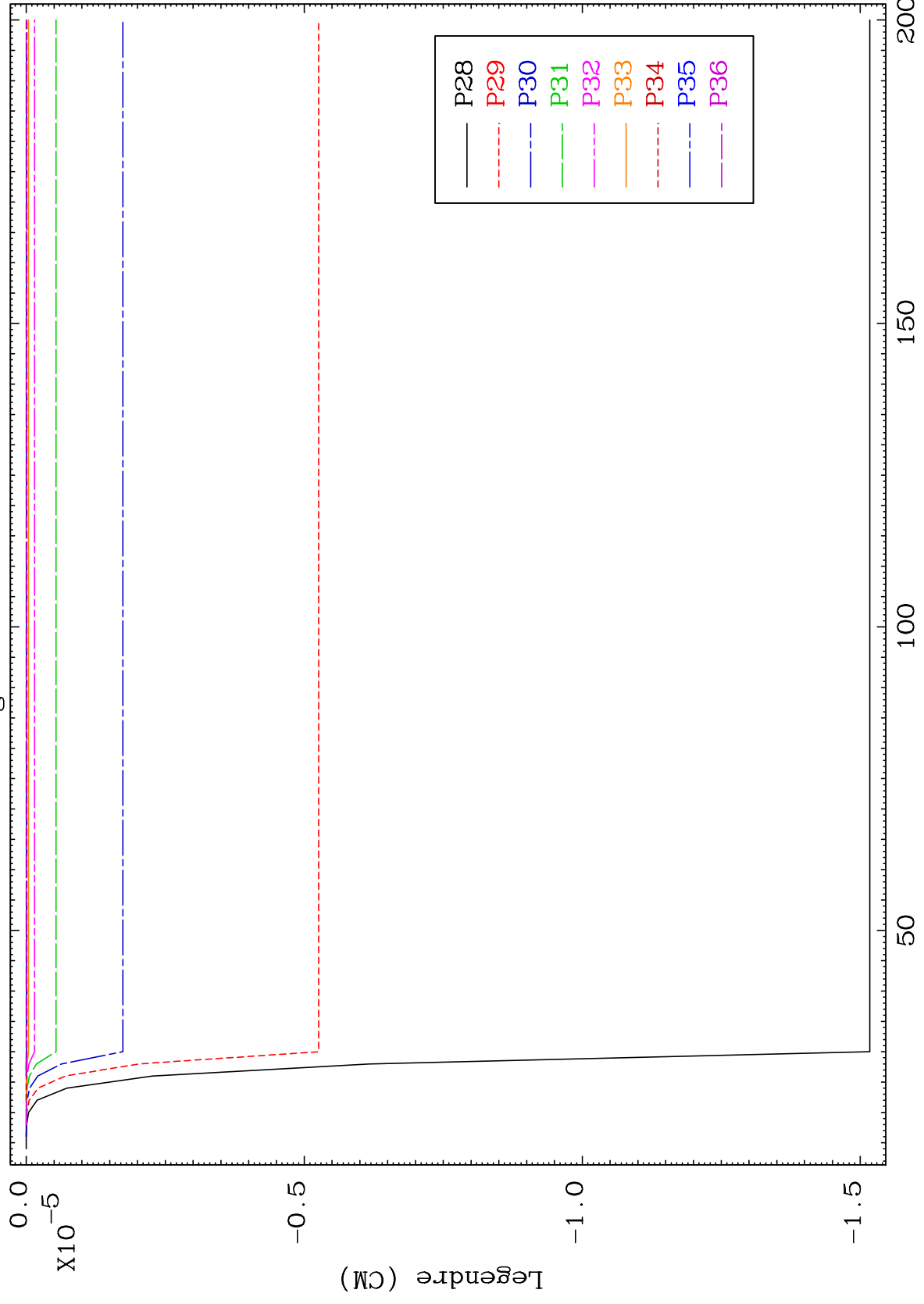
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



66-Dy-154

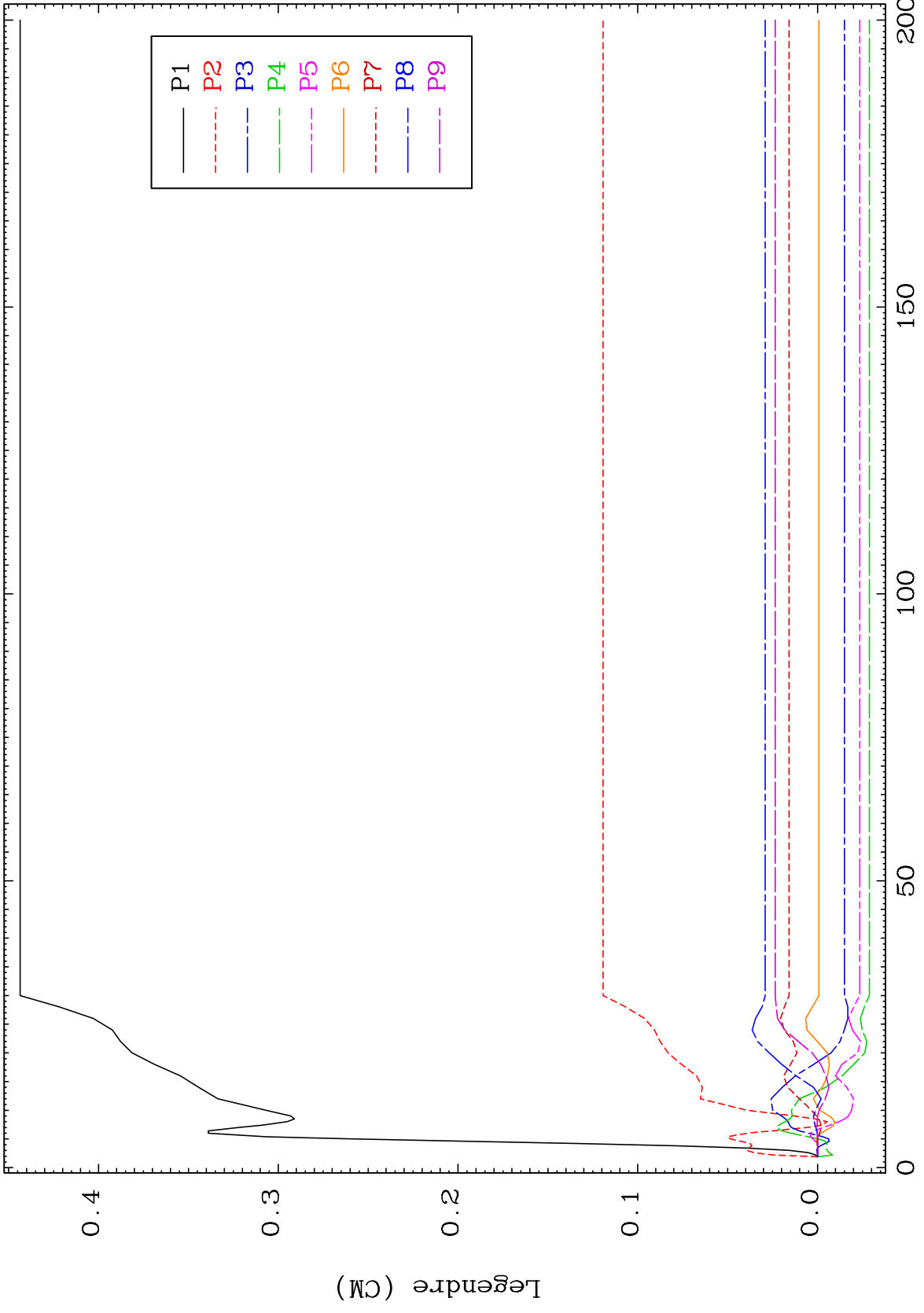
Incident Energy (MeV)

108

MAT 6619

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

66-Dy-154



109

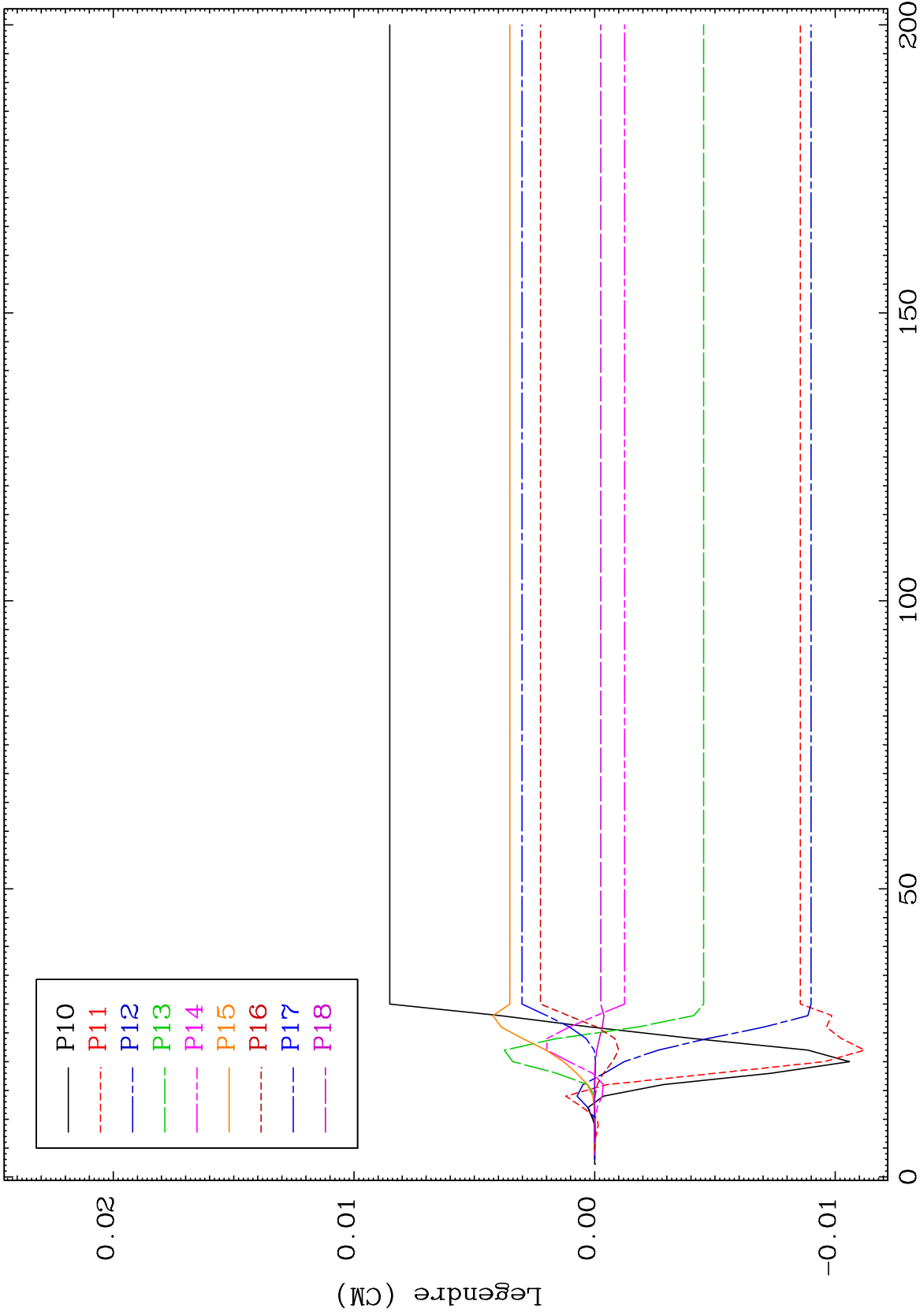
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



110

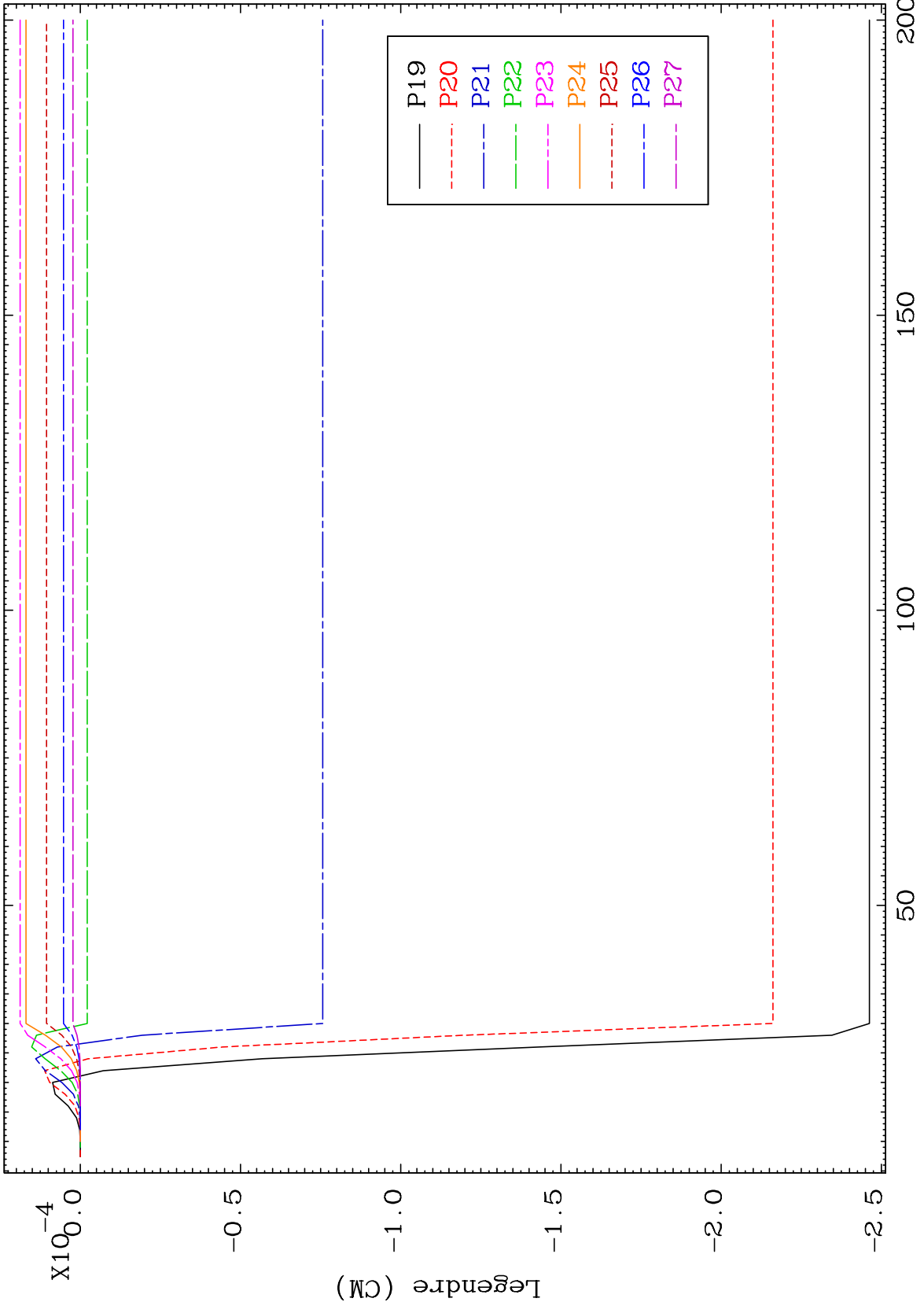
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



66-Dy-154

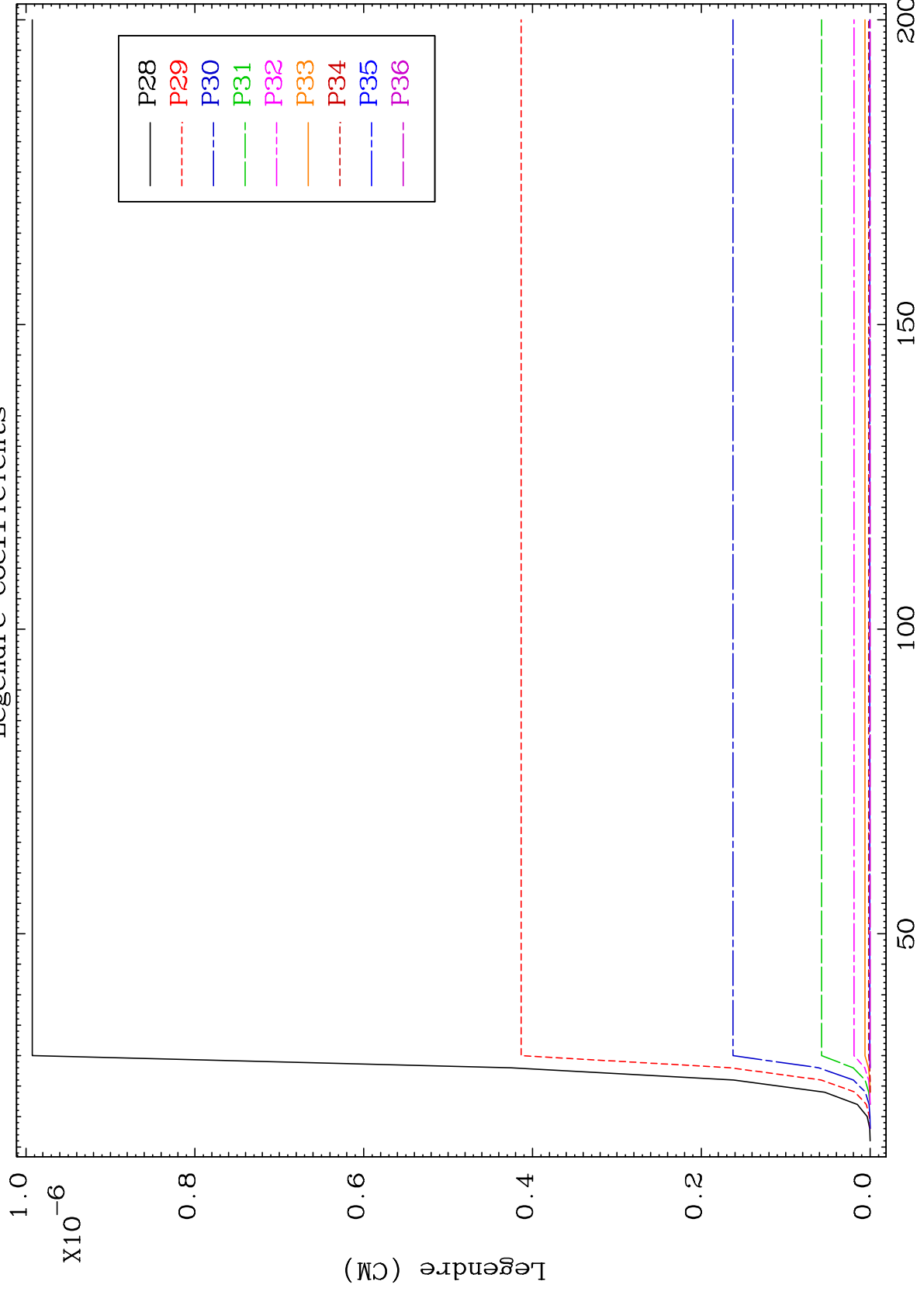
Incident Energy (MeV)

111

MAT 6619

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

66-Dy-154



66-Dy-154

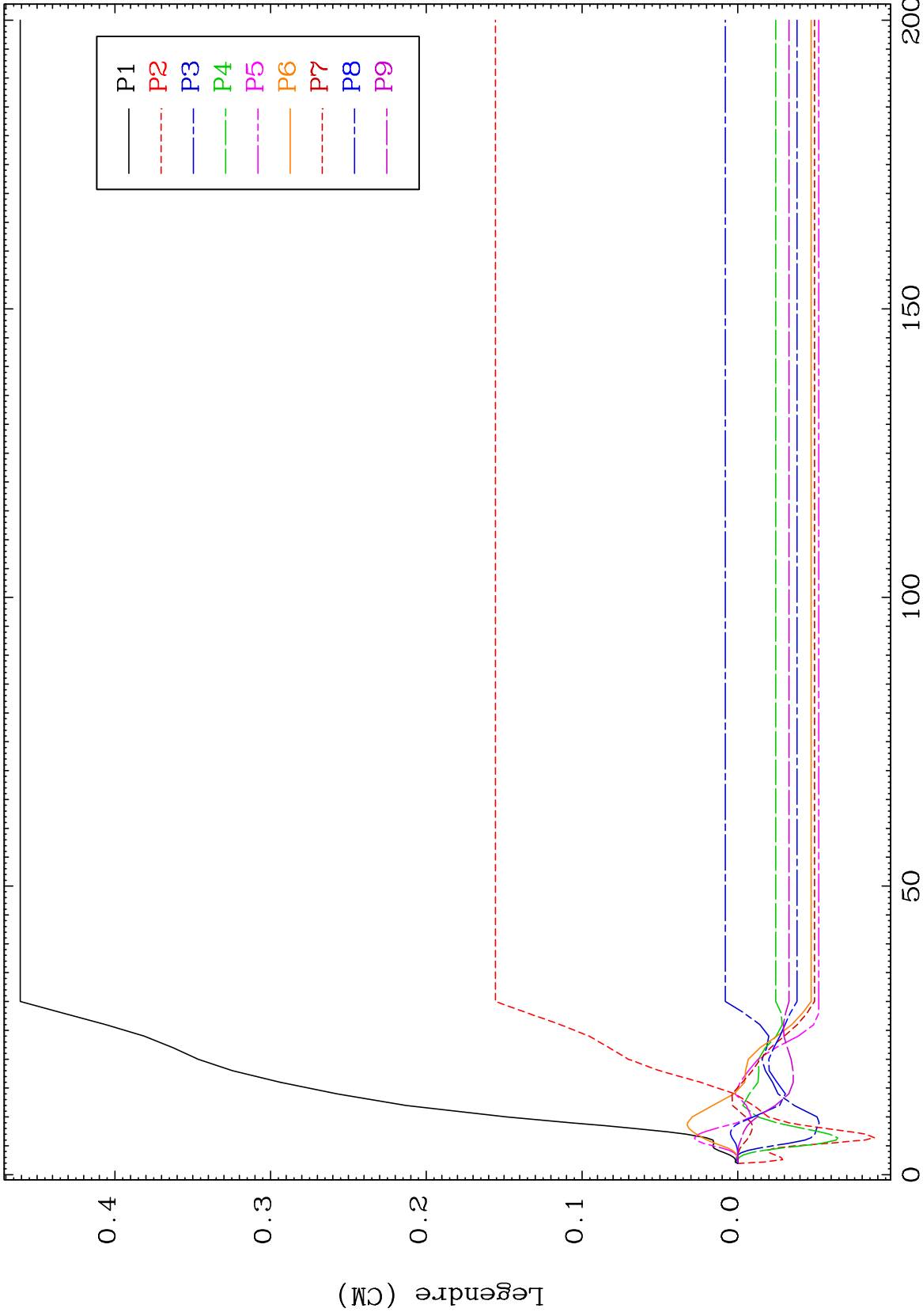
Incident Energy (MeV)

112

MAT 6619

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

66-Dy-154



113

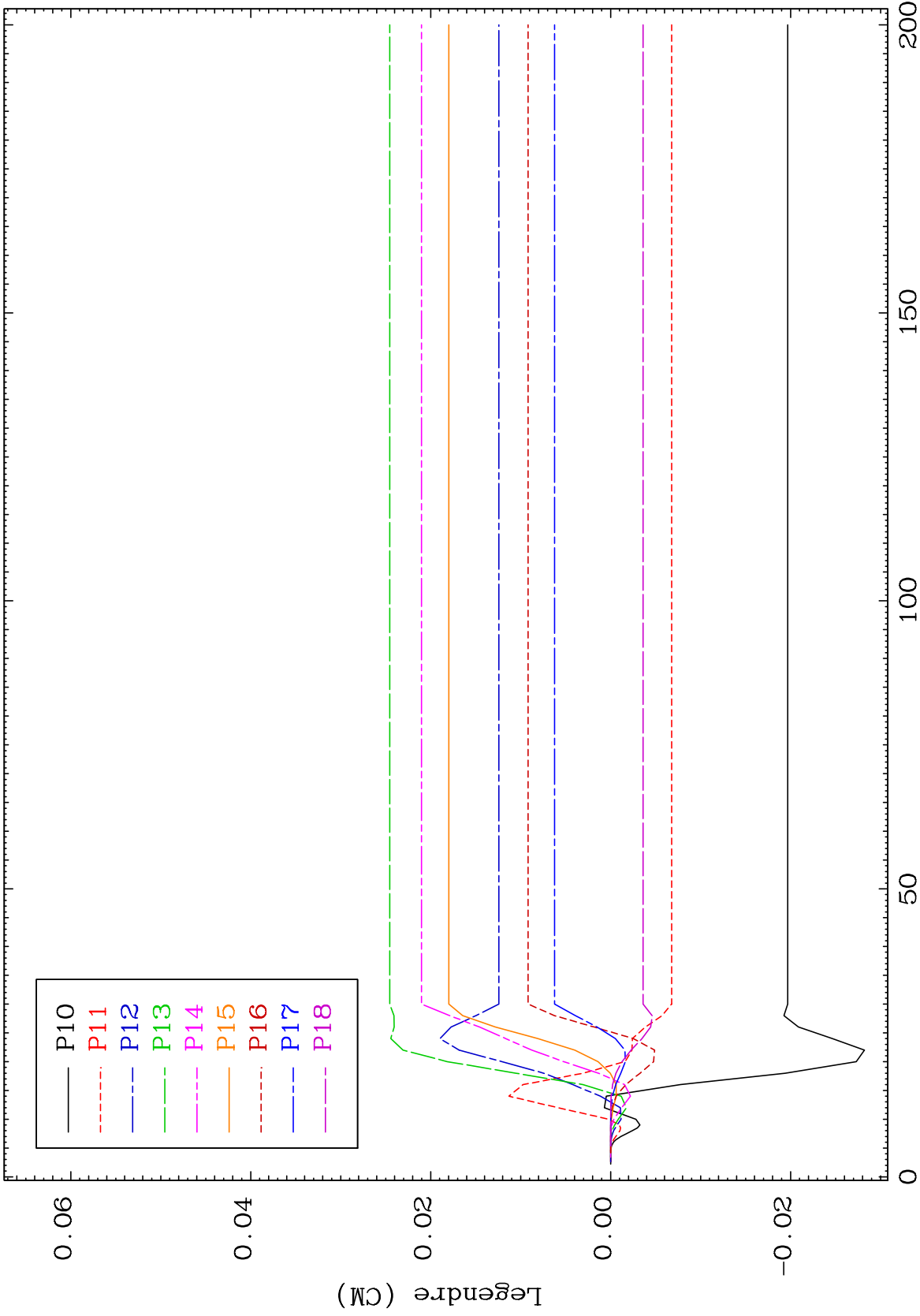
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



114

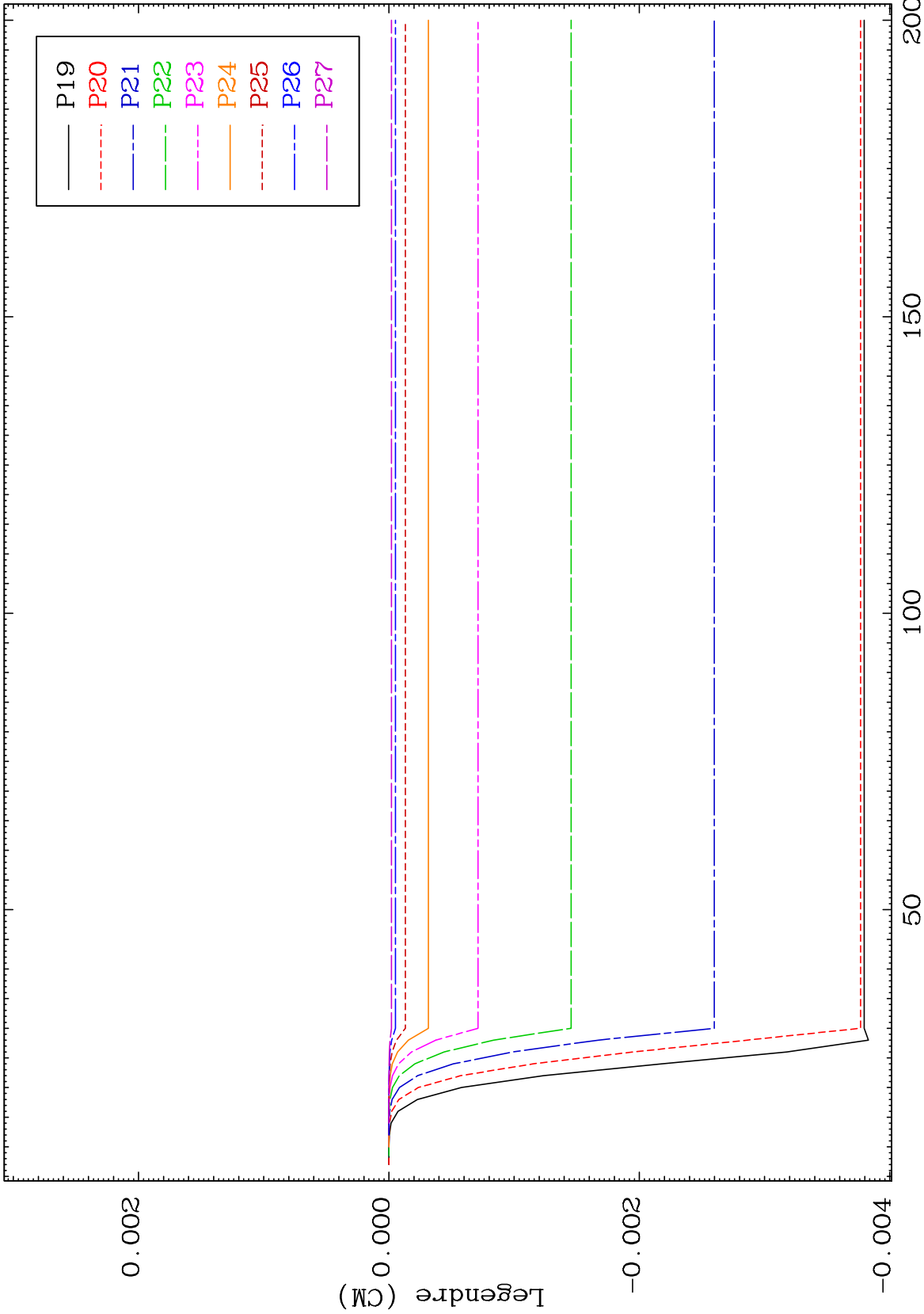
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



115

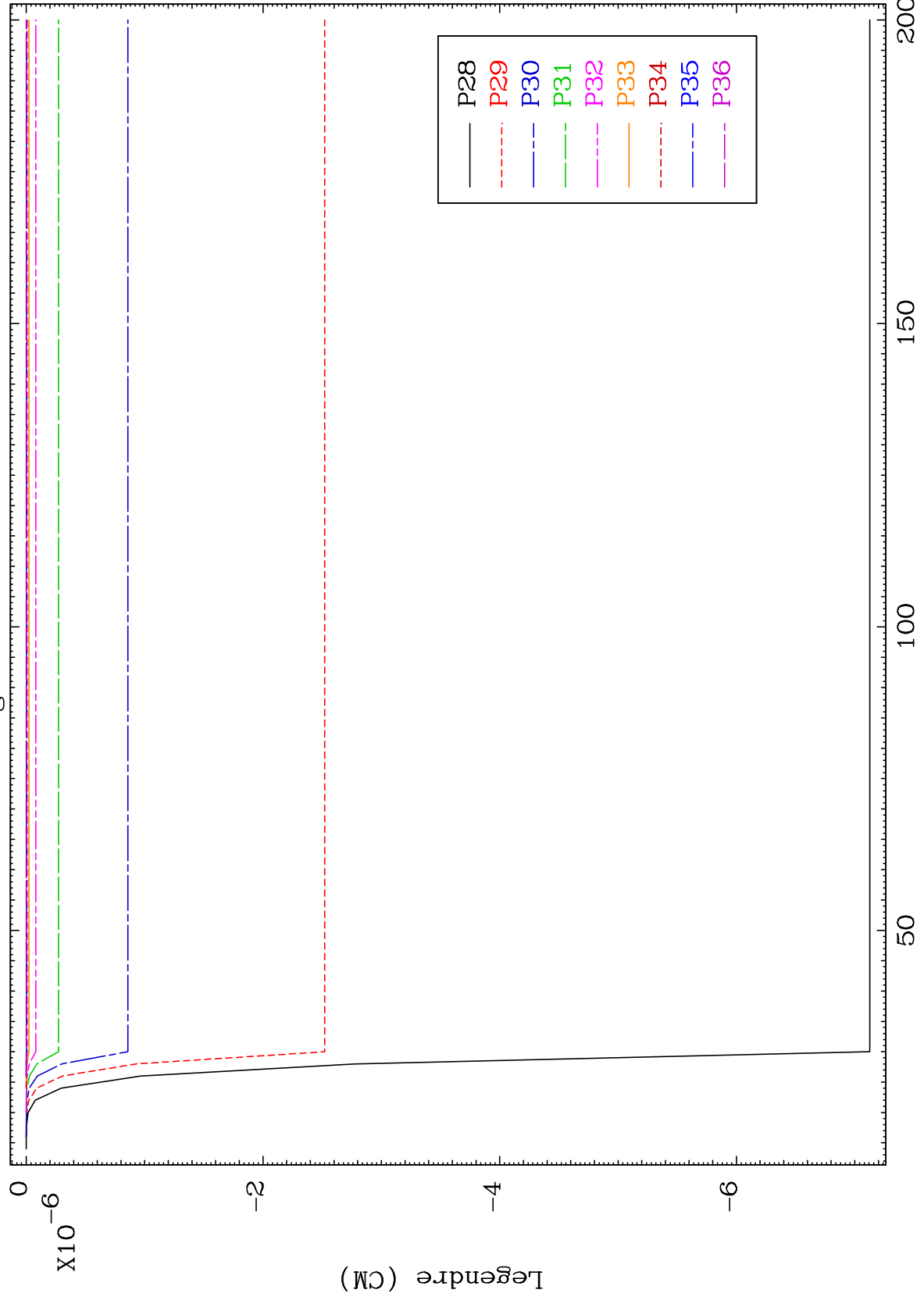
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



66-Dy-154

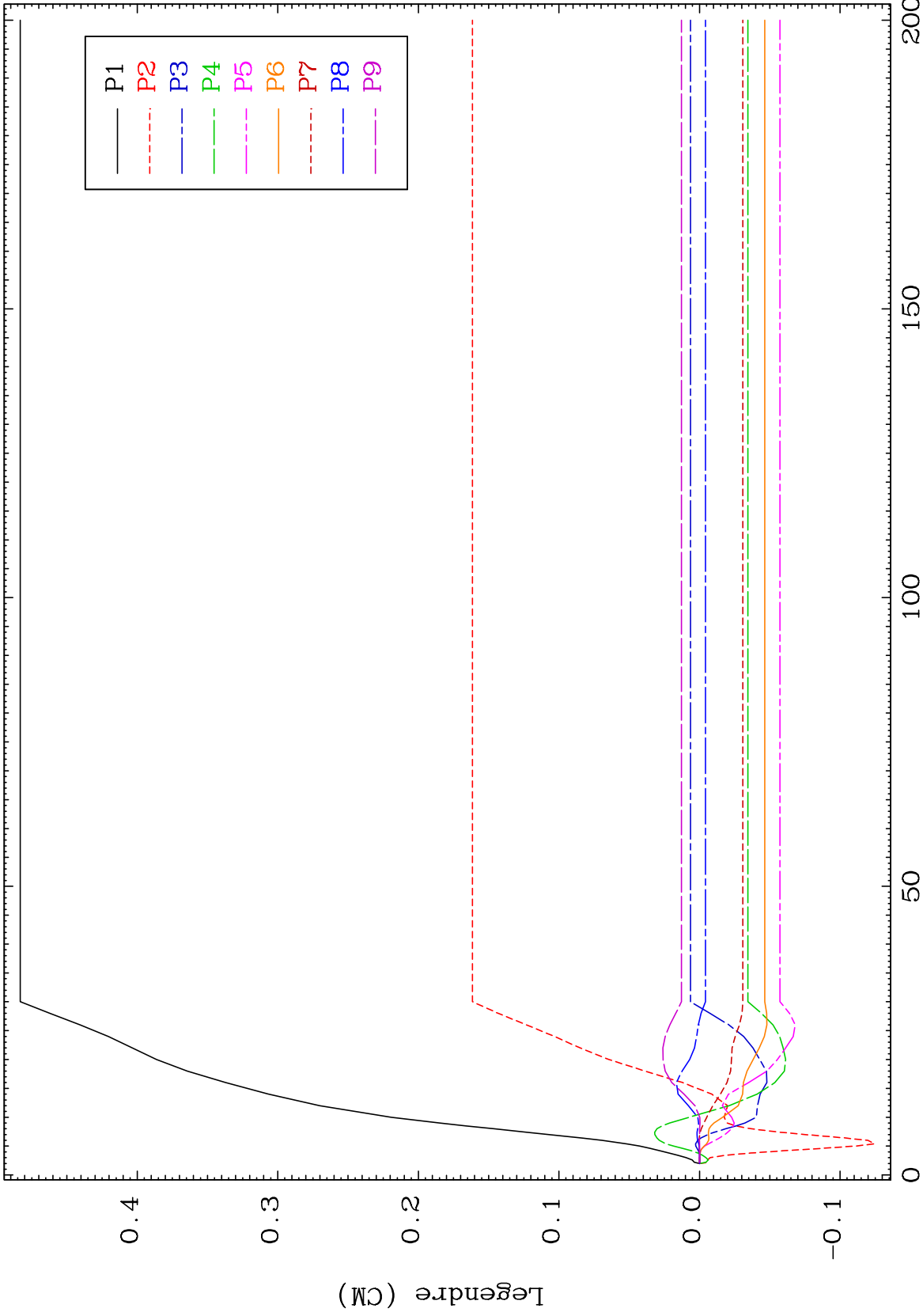
Incident Energy (MeV)

116

MAT 6619

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

66-Dy-154



117

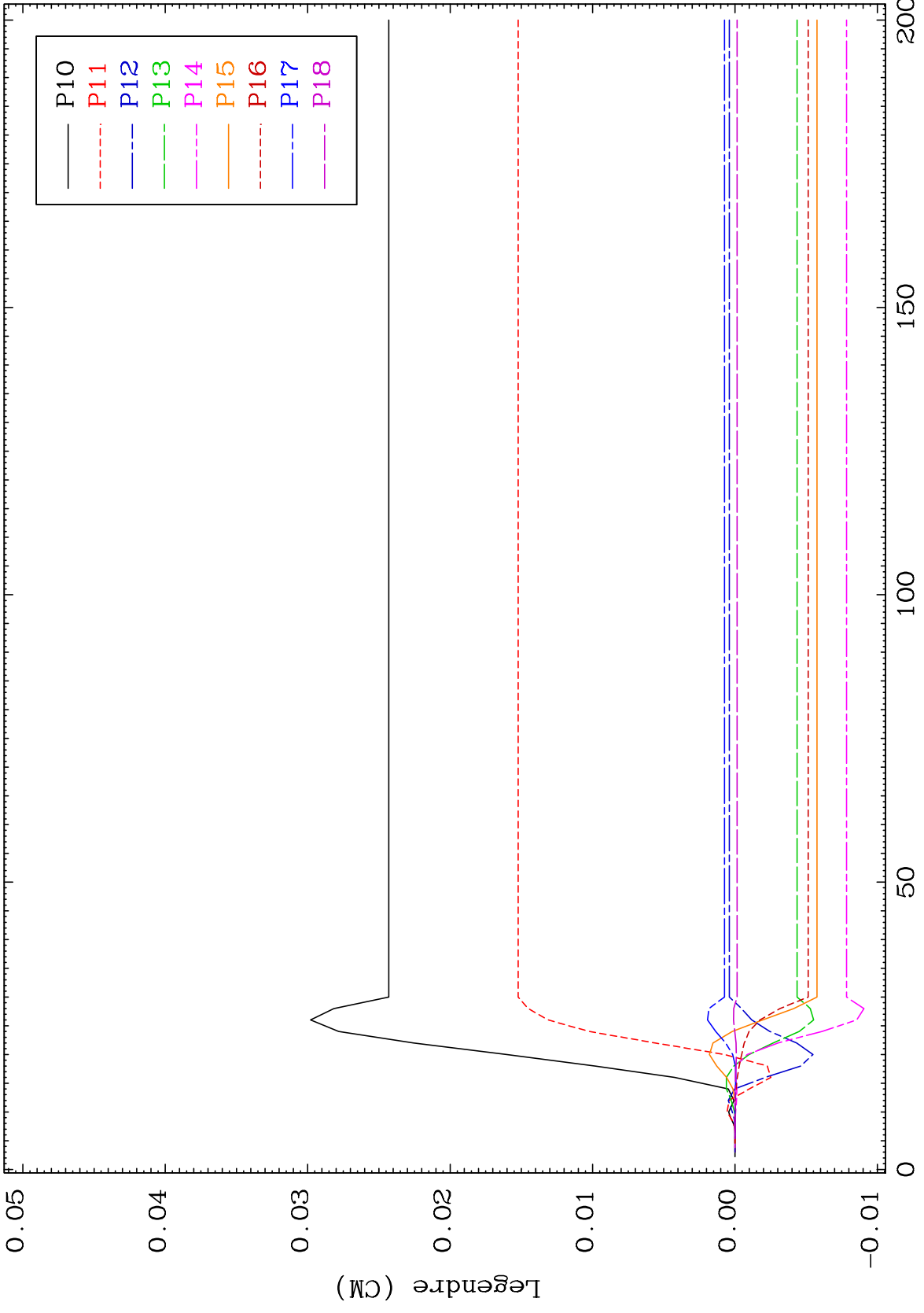
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



118

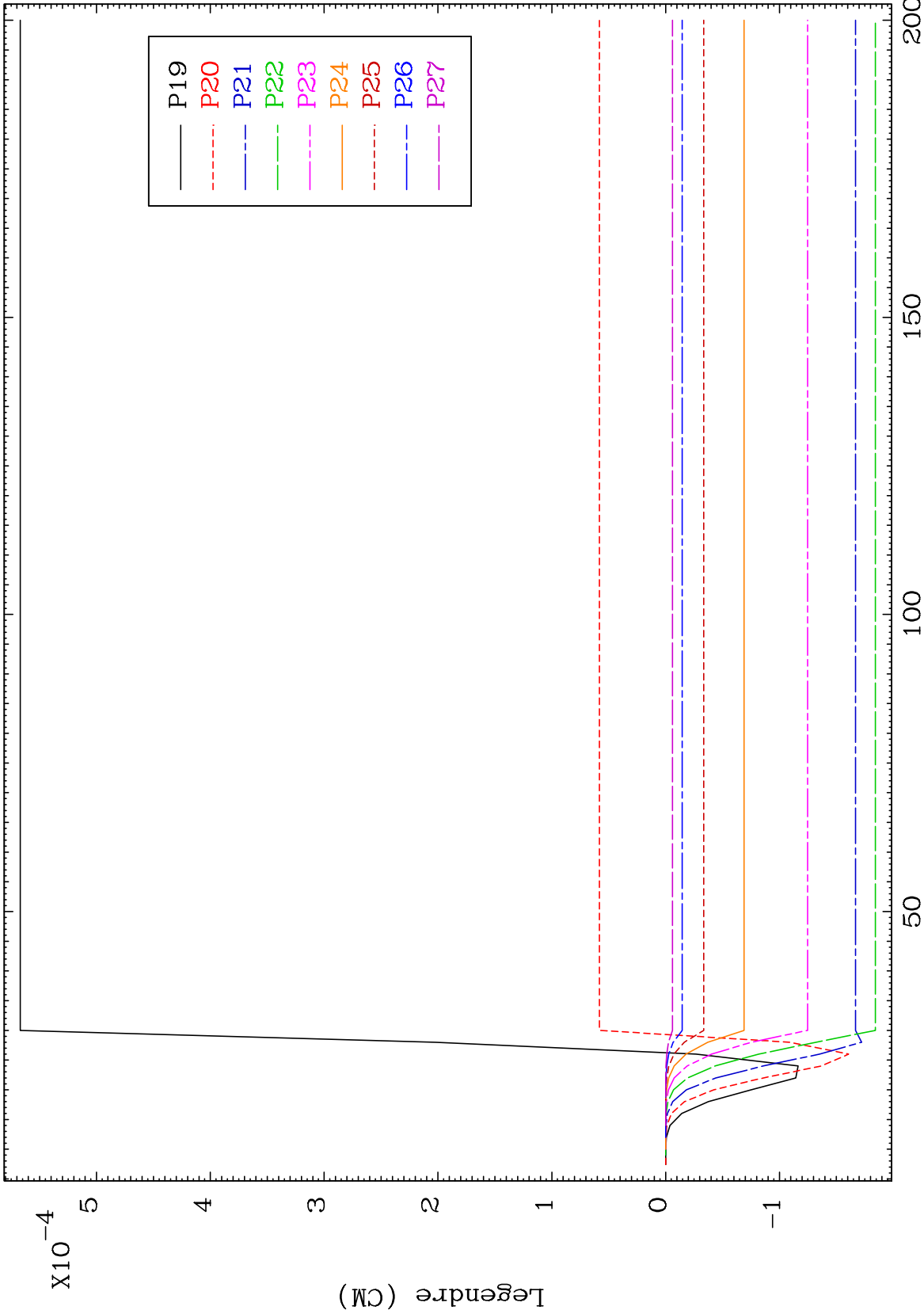
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



119

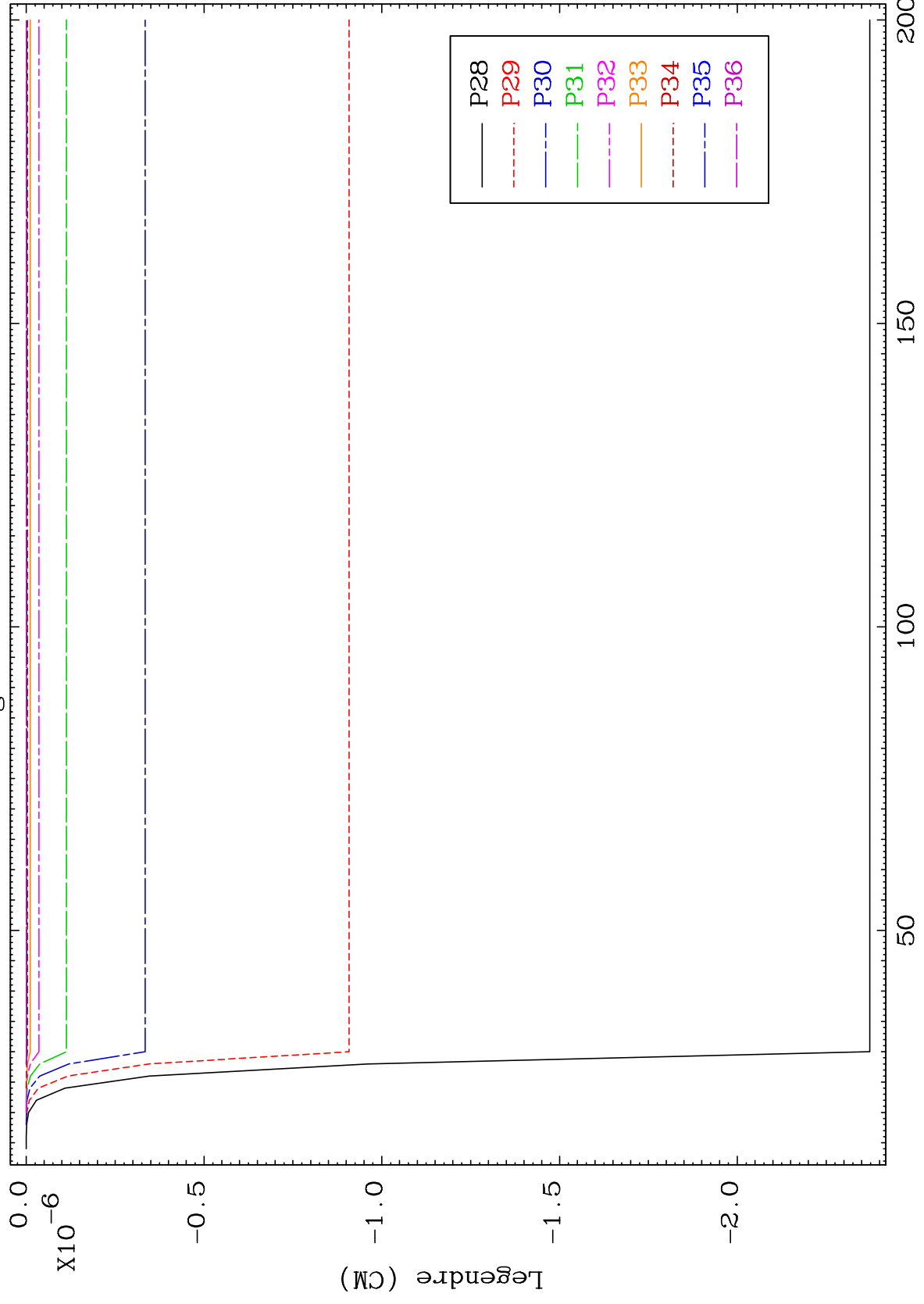
66-Dy-154

MAT 6619

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

66-Dy-154

66-Dy-154



120

50

100

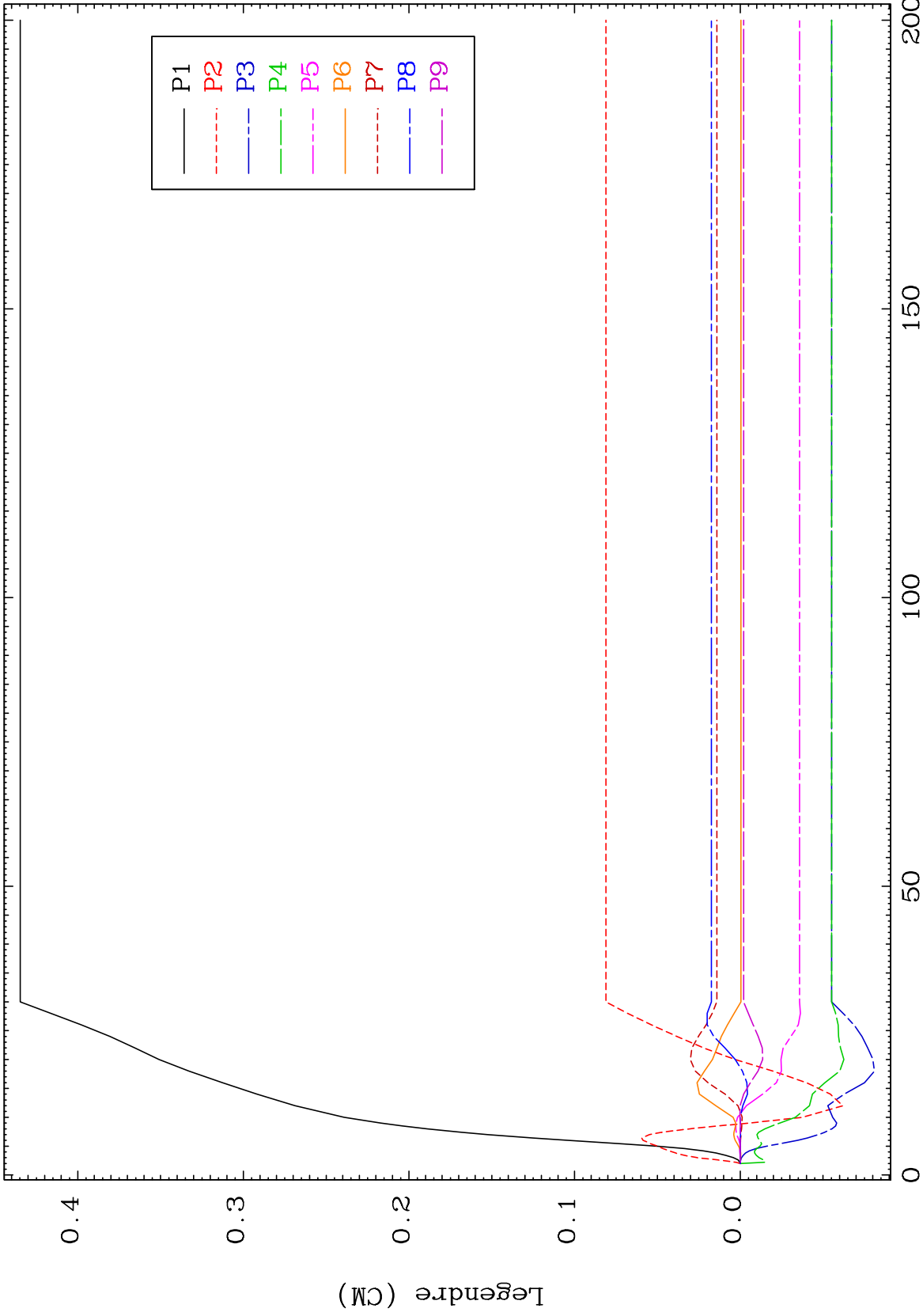
150

200

MAT 6619

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

66-Dy-154



121

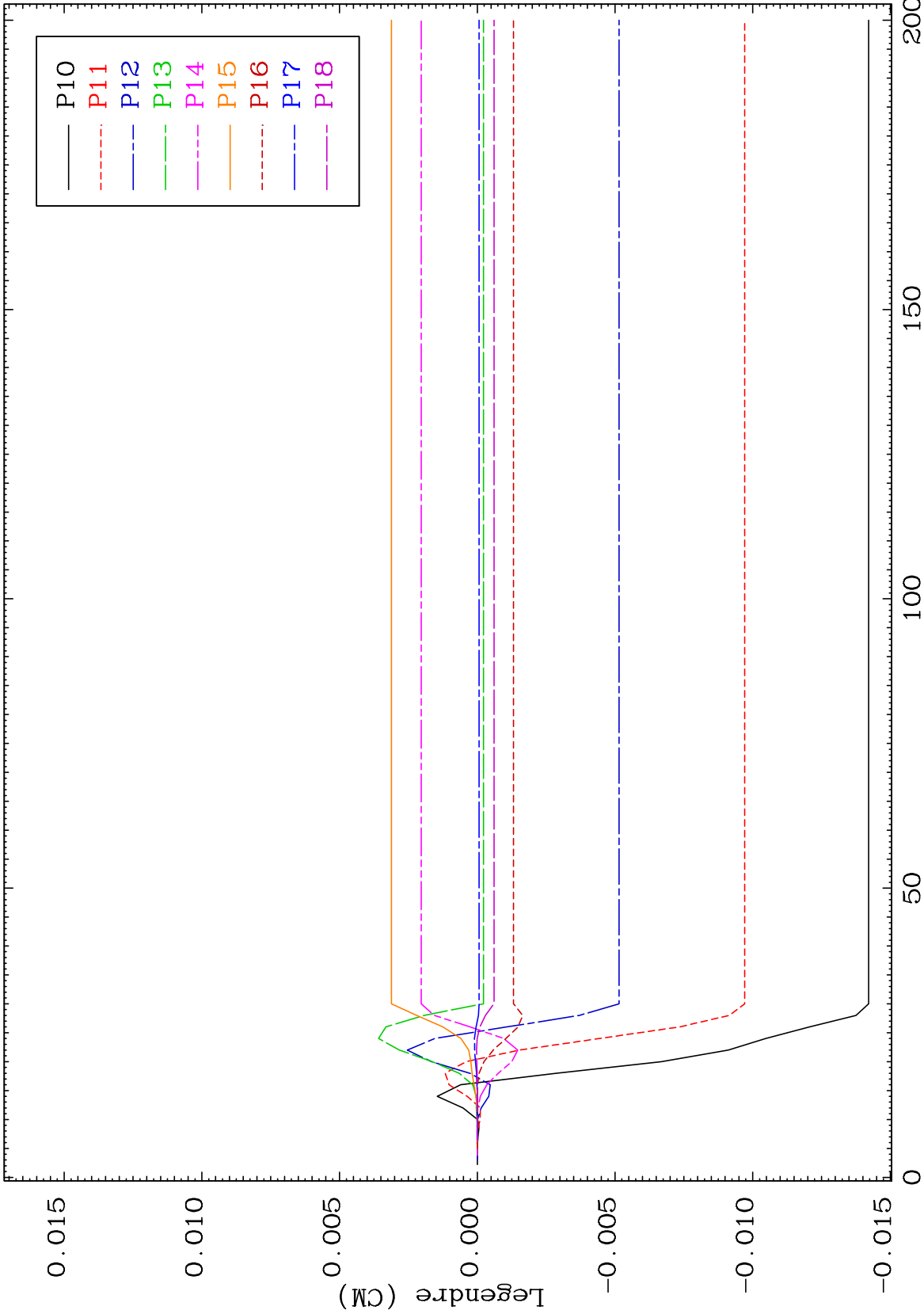
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



122

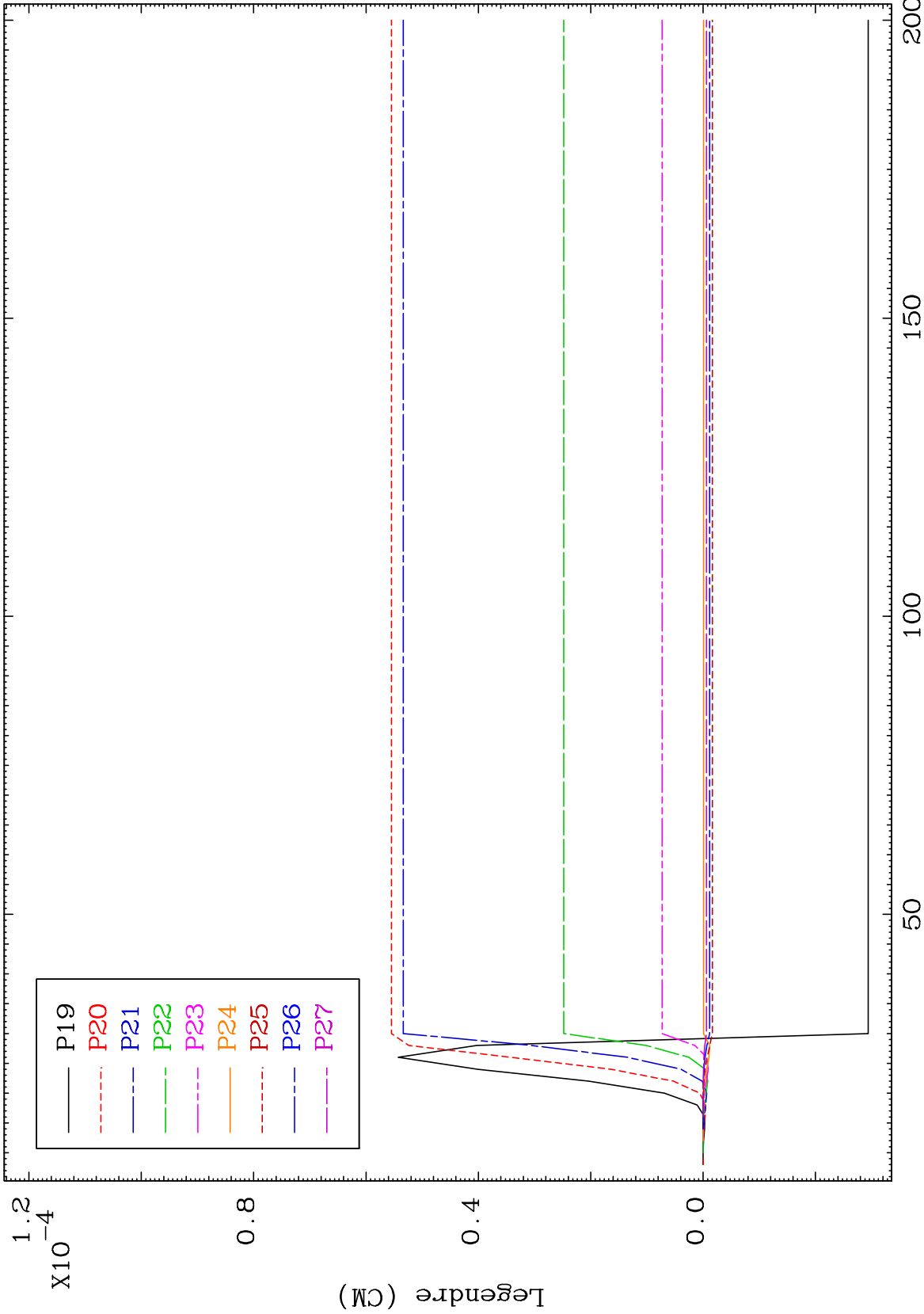
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



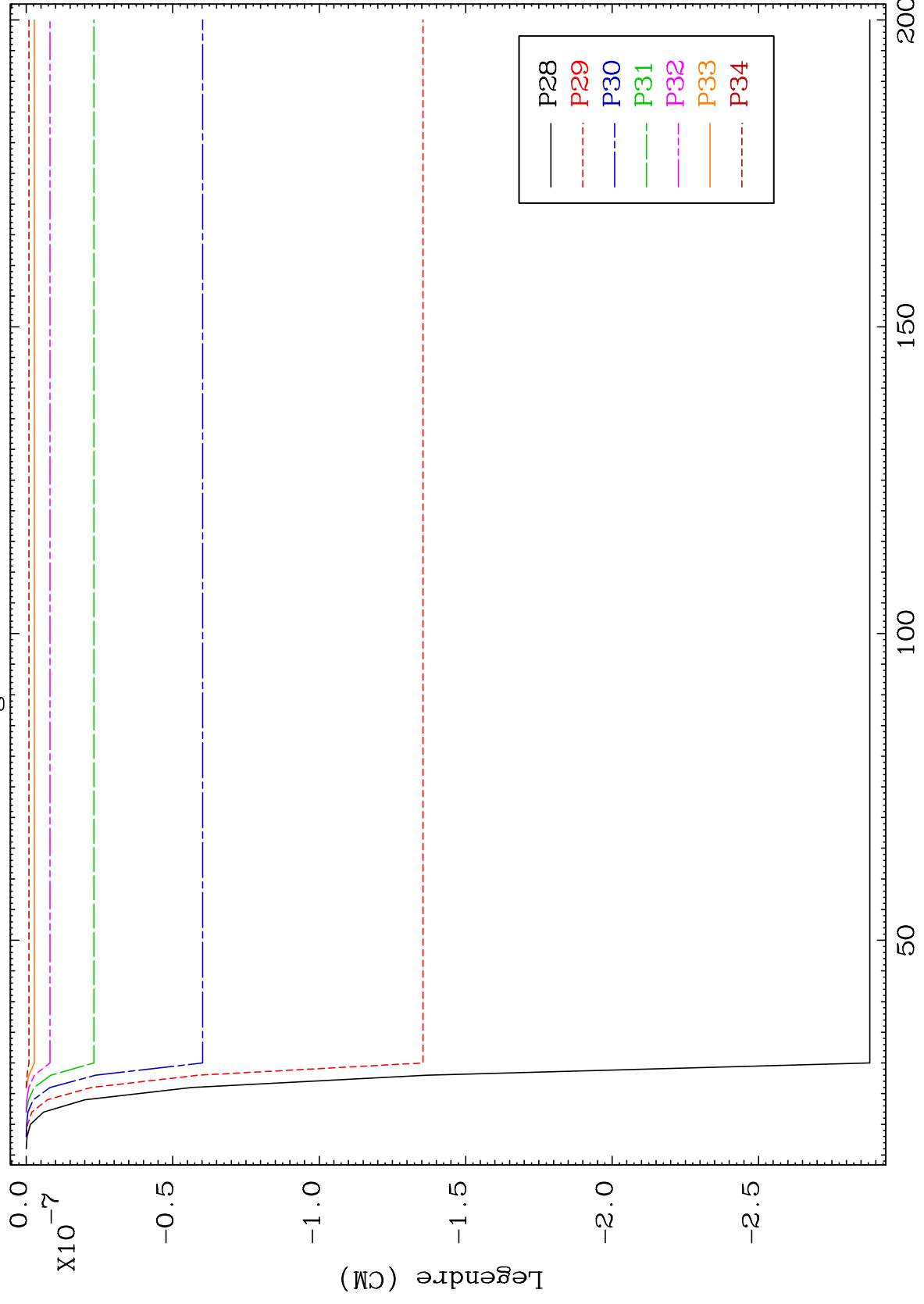
123

Incident Energy (MeV)

66-Dy-154

MAT 6619 MT= 78 (n,n') Level 66-Dy-154

Legendre Coefficients

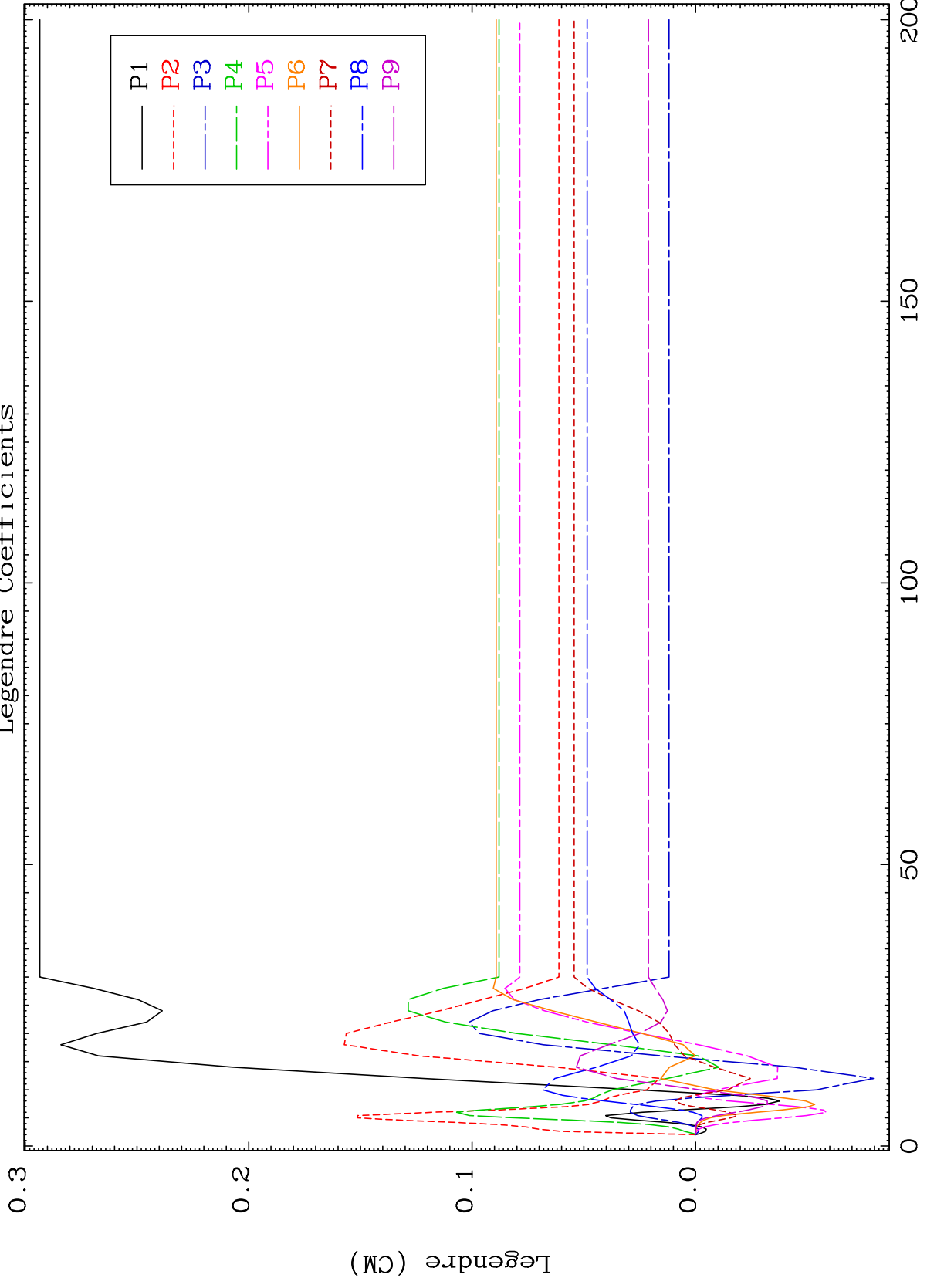


124 66-Dy-154

MAT 6619

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

66-Dy-154



66-Dy-154

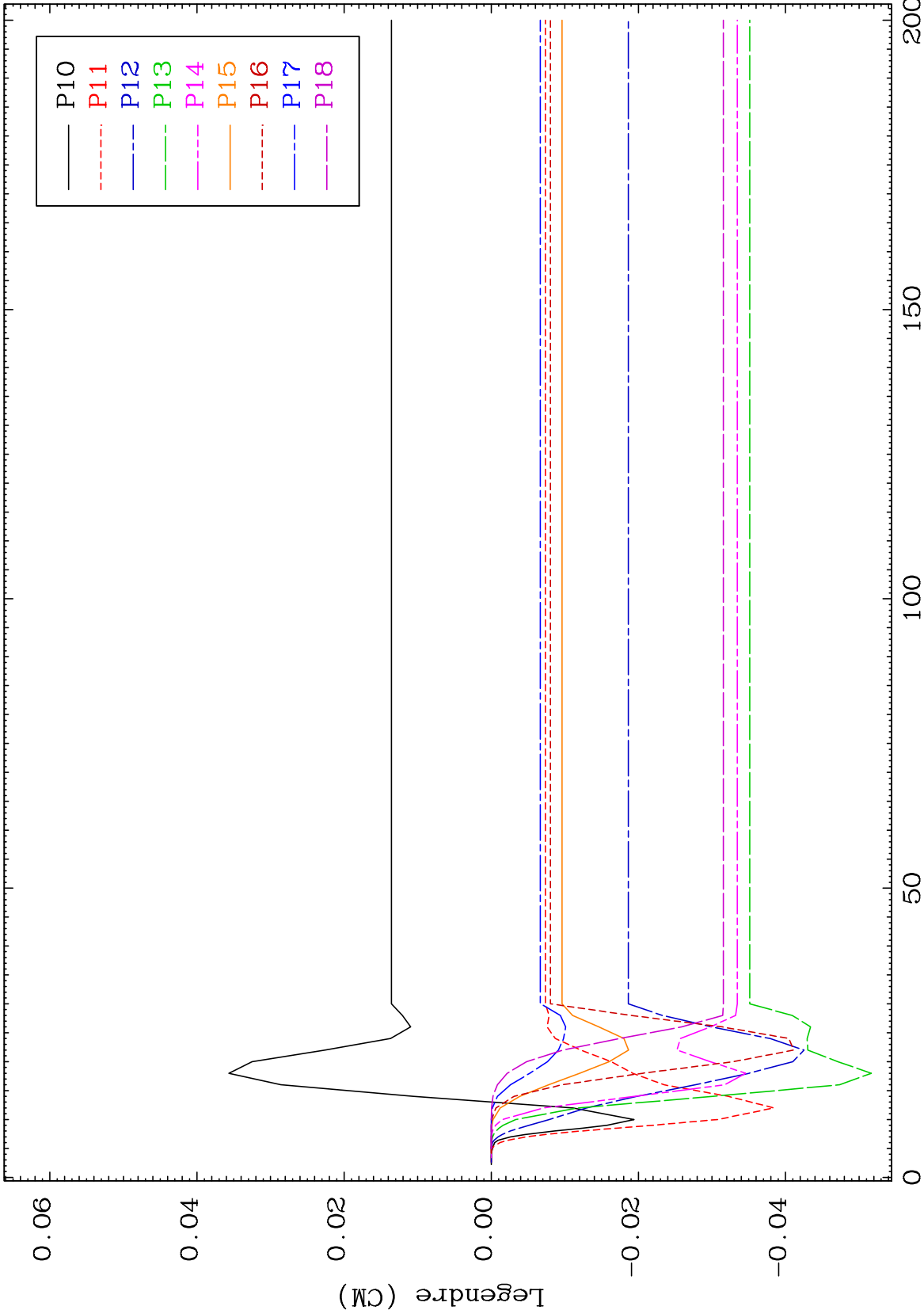
Incident Energy (MeV)

125

MAT 6619

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

66-Dy-154



126

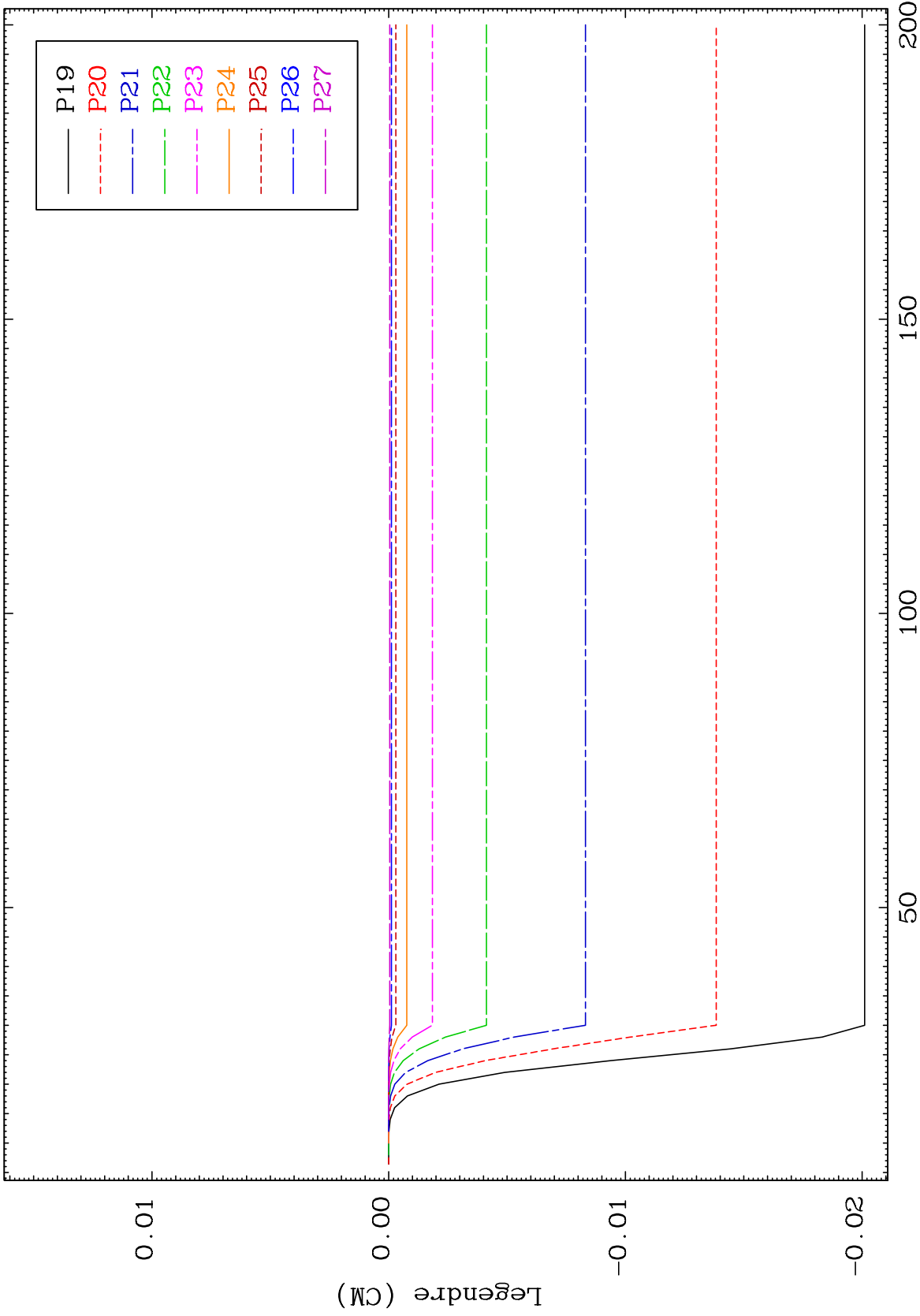
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



127

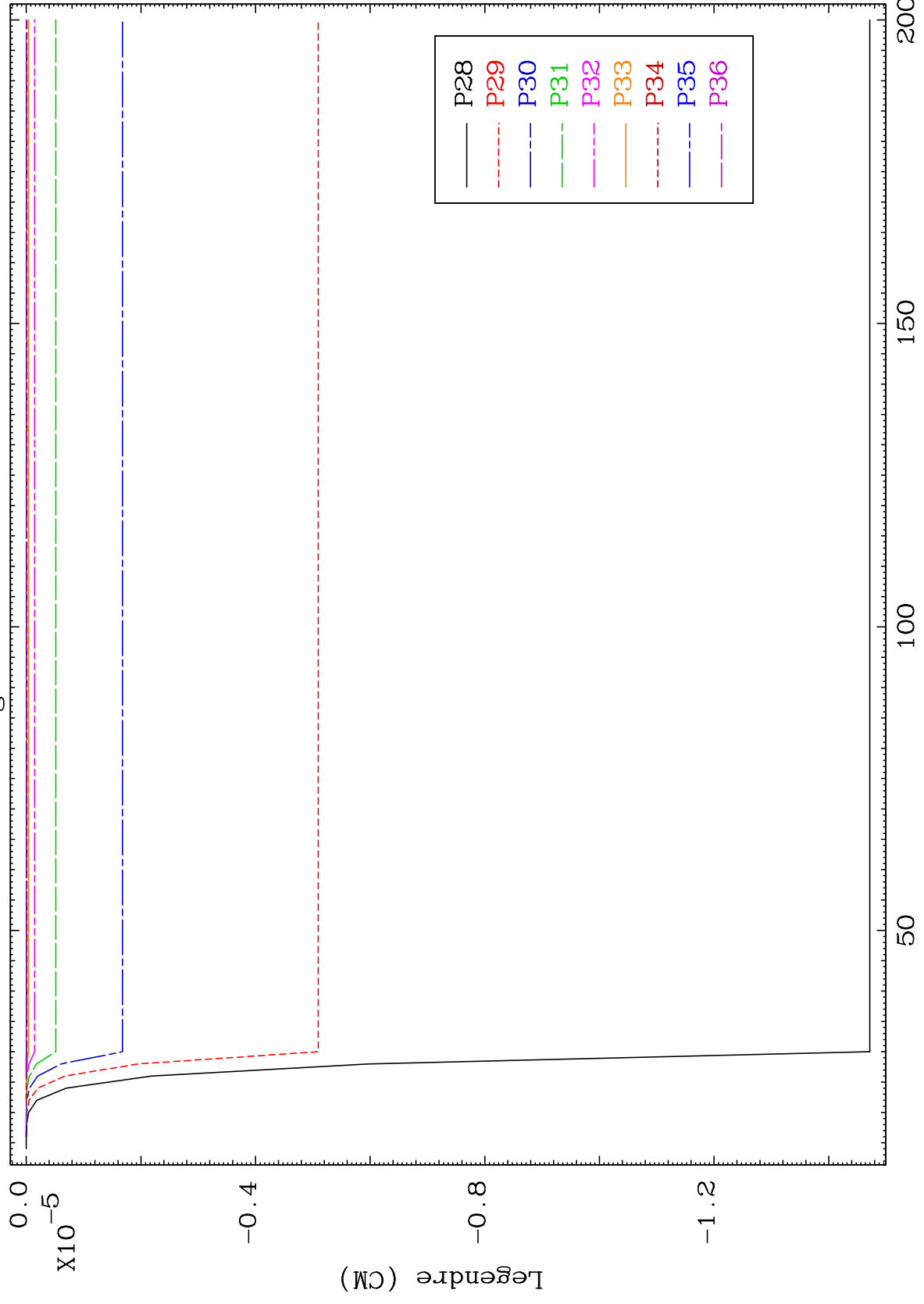
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



66-Dy-154

Incident Energy (MeV)

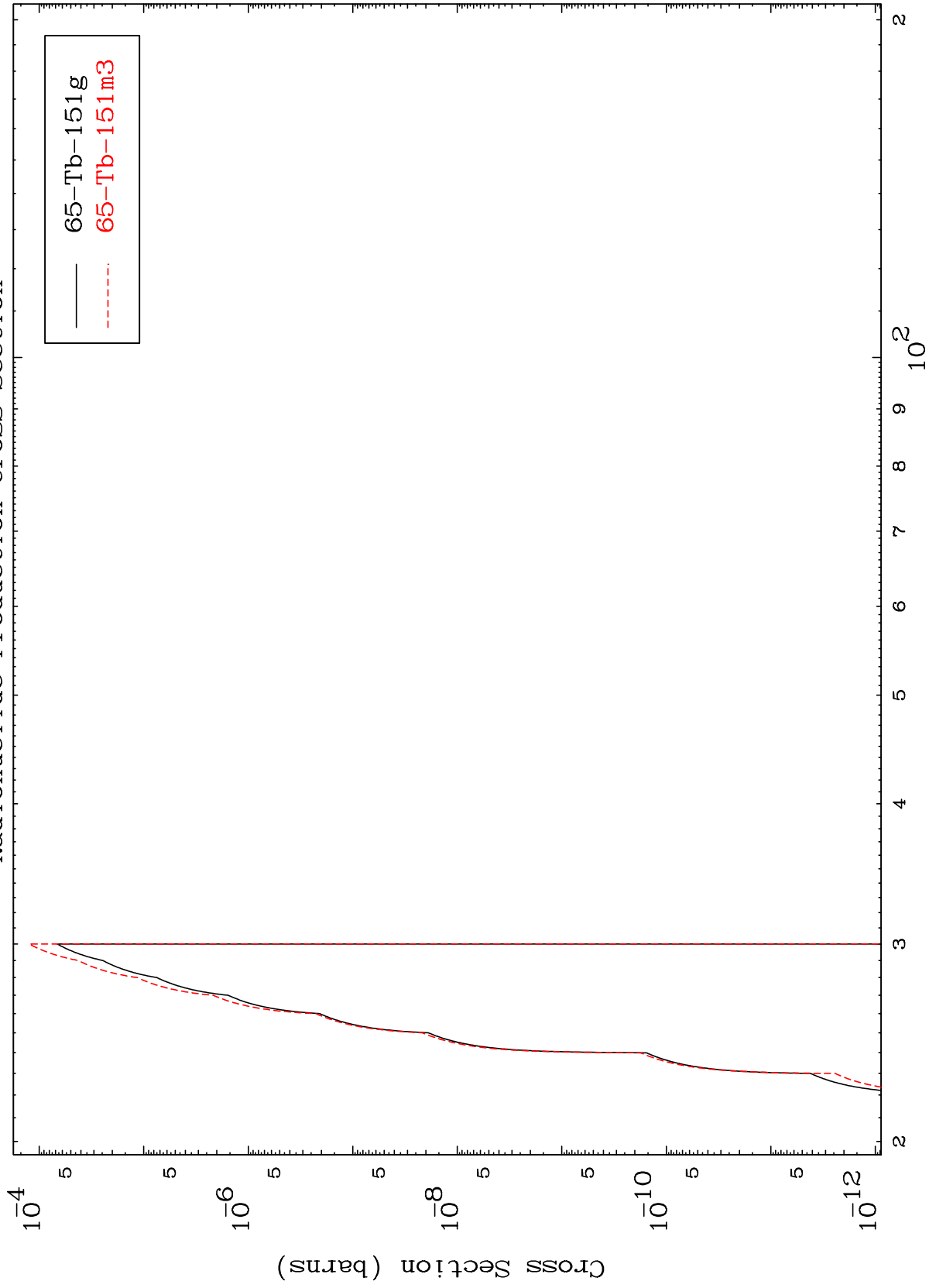
128

MAT 6619

(n,2n) d

66-Dy-154

Radionuclide Production Cross Section



129

Incident Energy (MeV)

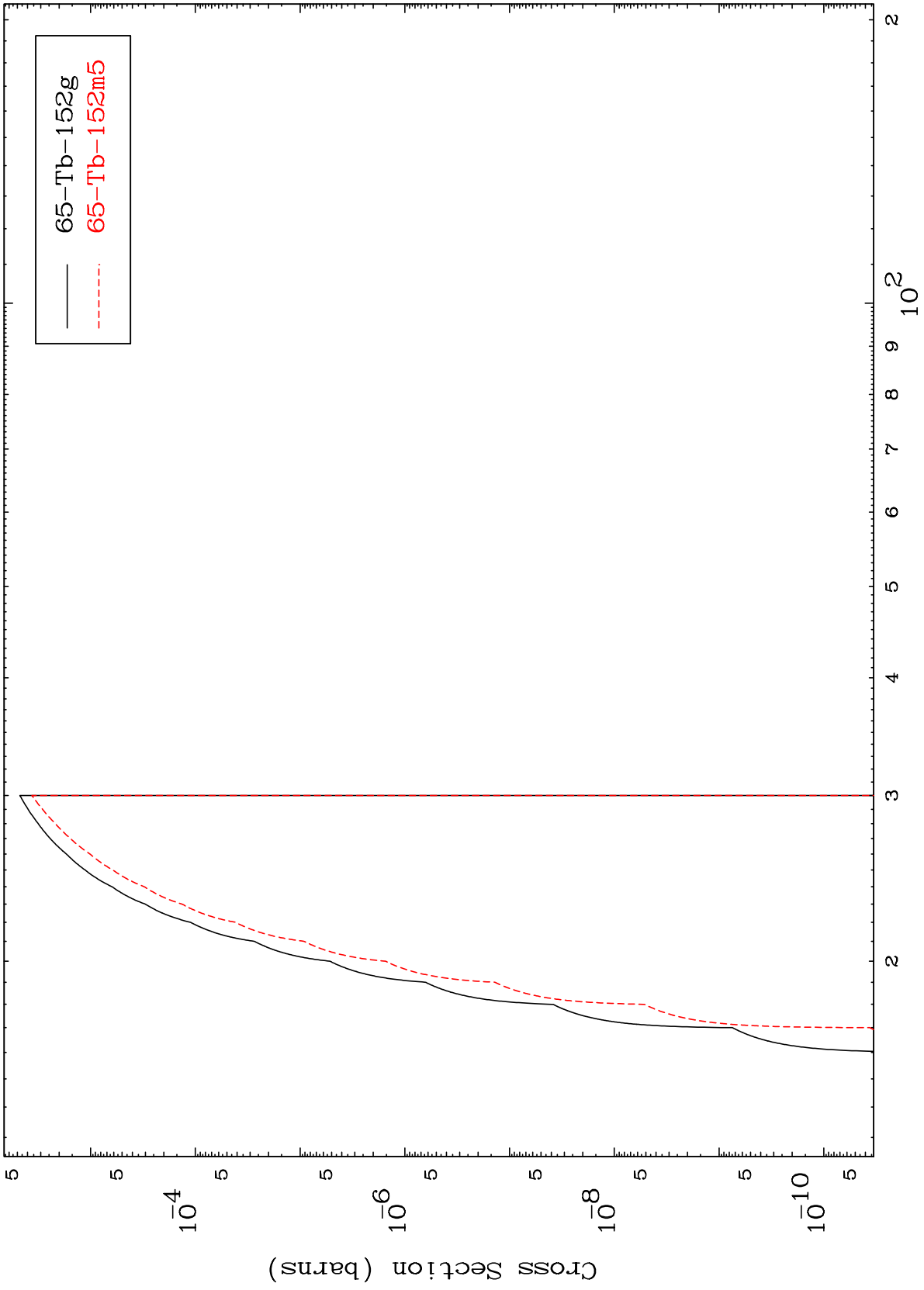
66-Dy-154

MAT 6619

(n,n') d

66-Dy-154

Radionuclide Production Cross Section



130

Incident Energy (MeV)

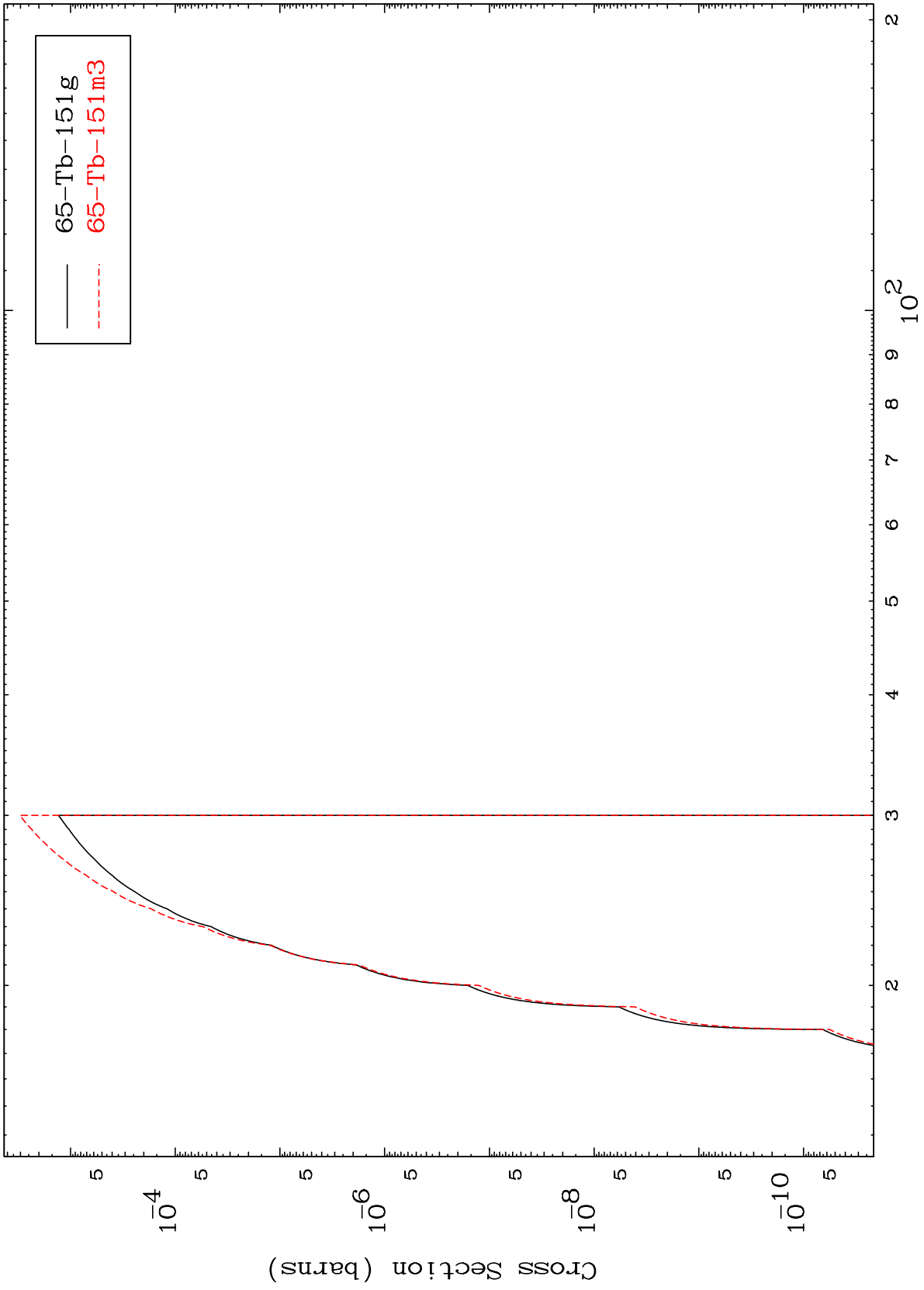
66-Dy-154

MAT 6619

(n,n') t

66-Dy-154

Radionuclide Production Cross Section



131

Incident Energy (MeV)

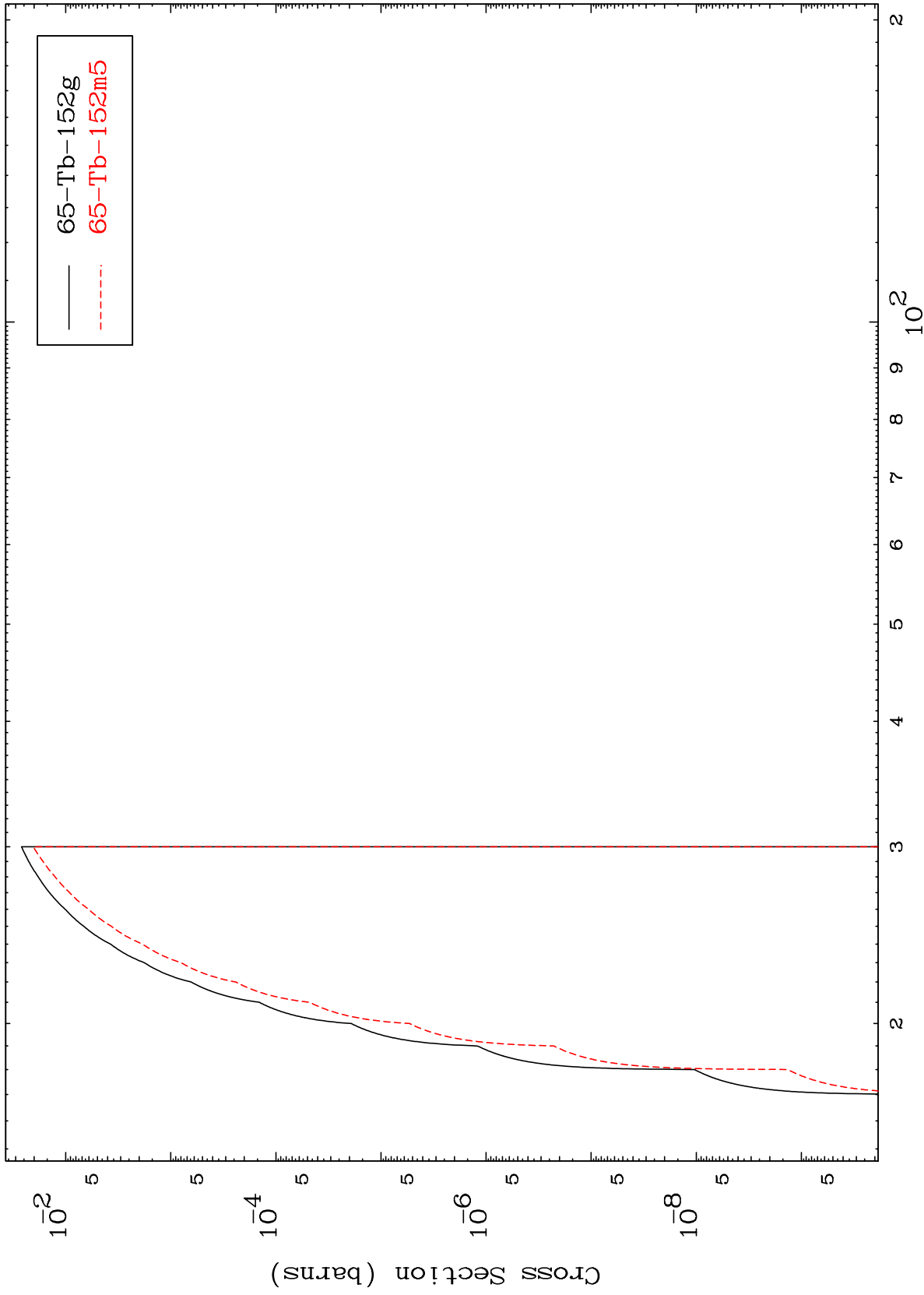
66-Dy-154

MAT 6619

(n,2n) p

66-Dy-154

Radionuclide Production Cross Section



132

Incident Energy (MeV)

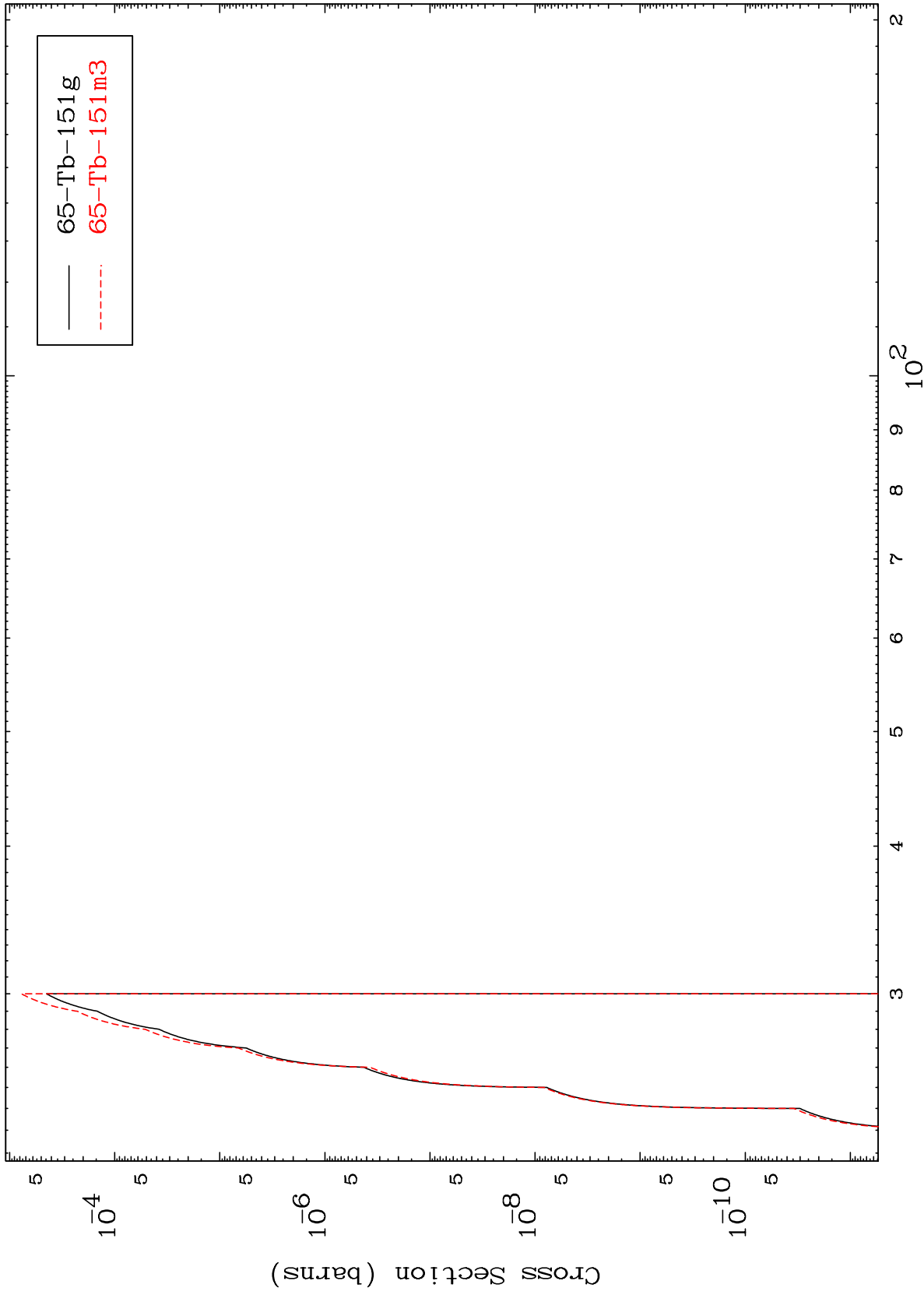
66-Dy-154

MAT 6619

(n,3n) p

66-Dy-154

Radionuclide Production Cross Section



133

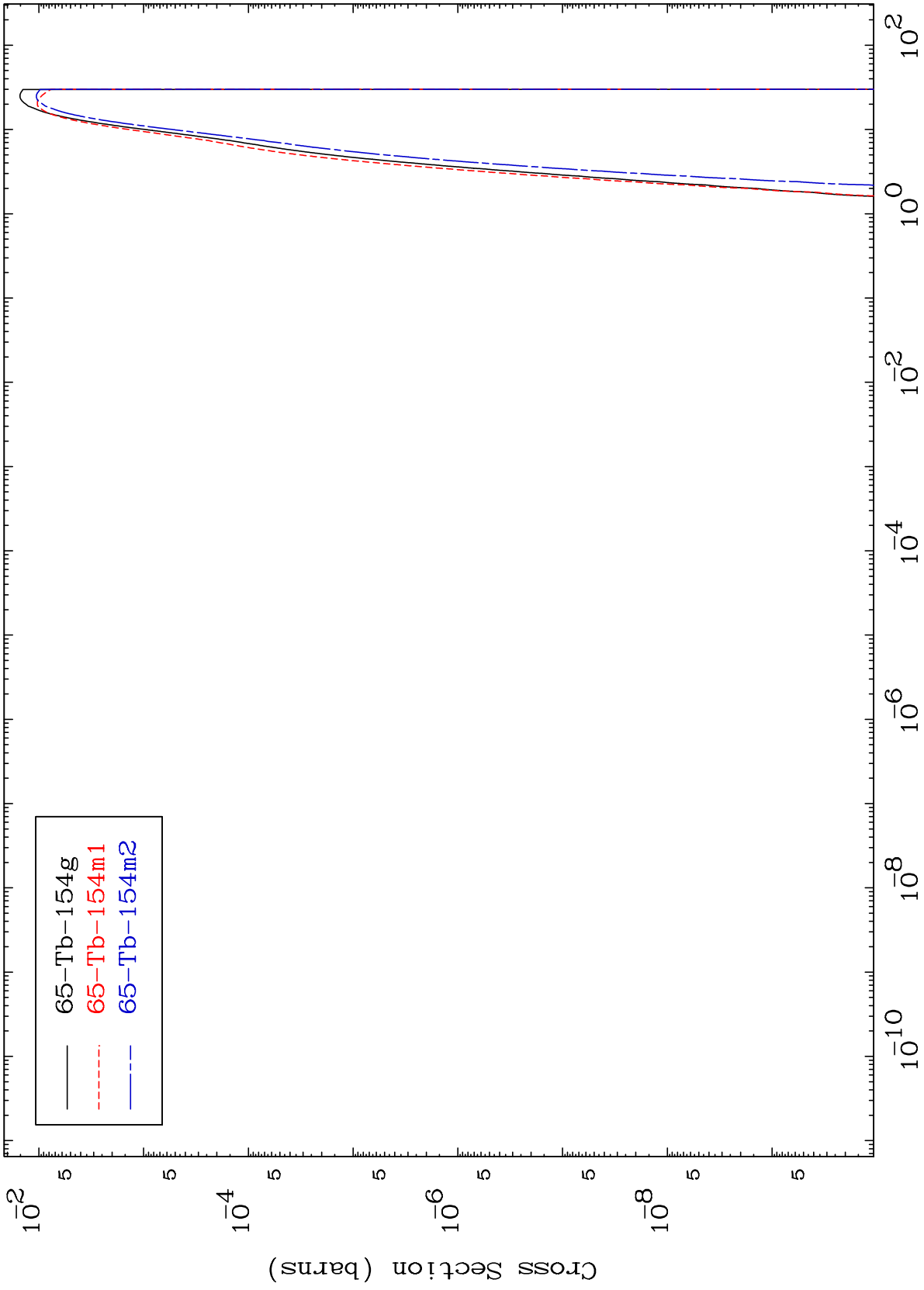
Incident Energy (MeV)

66-Dy-154

MAT 6619

(n,p)
Radionuclide Production Cross Section

66-Dy-154



134

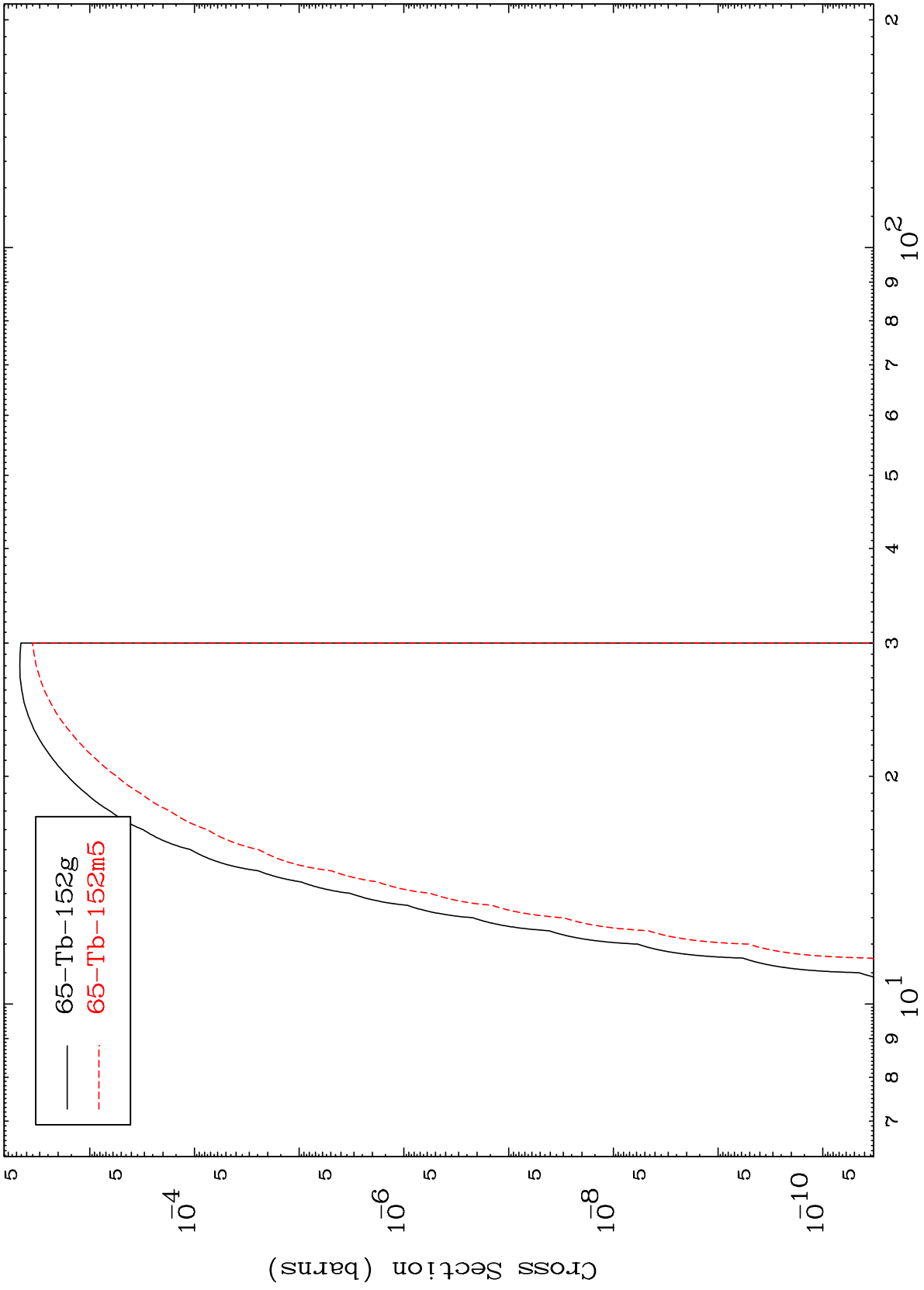
Incident Energy (MeV)

66-Dy-154

MAT 6619

66-Dy-154

(n, t)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

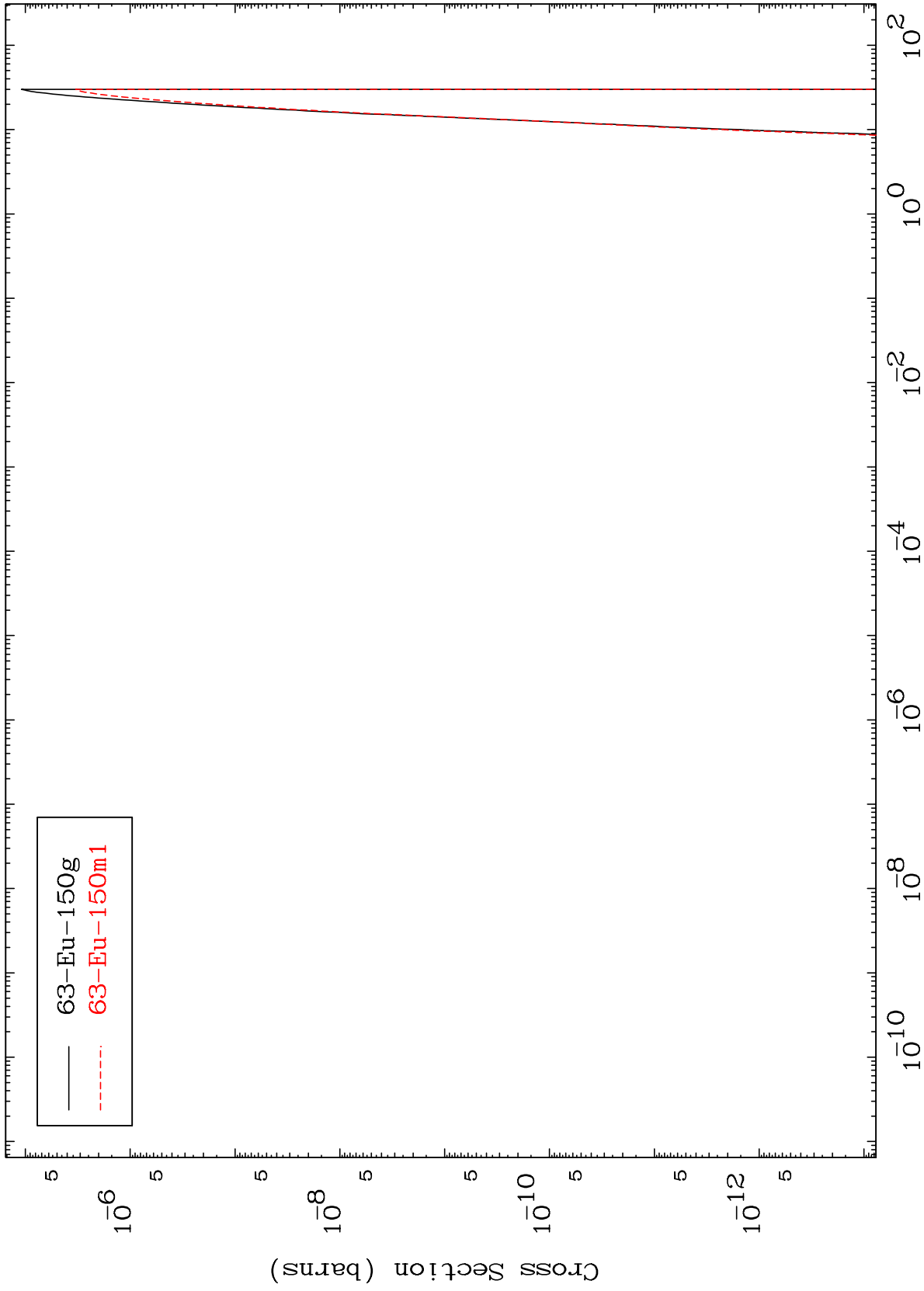
66-Dy-154

MAT 6619

(n,p) α

66-Dy-154

Radionuclide Production Cross Section



136

Incident Energy (MeV)

66-Dy-154