

Program EVALPLOT  
(Version 2018-1)

by

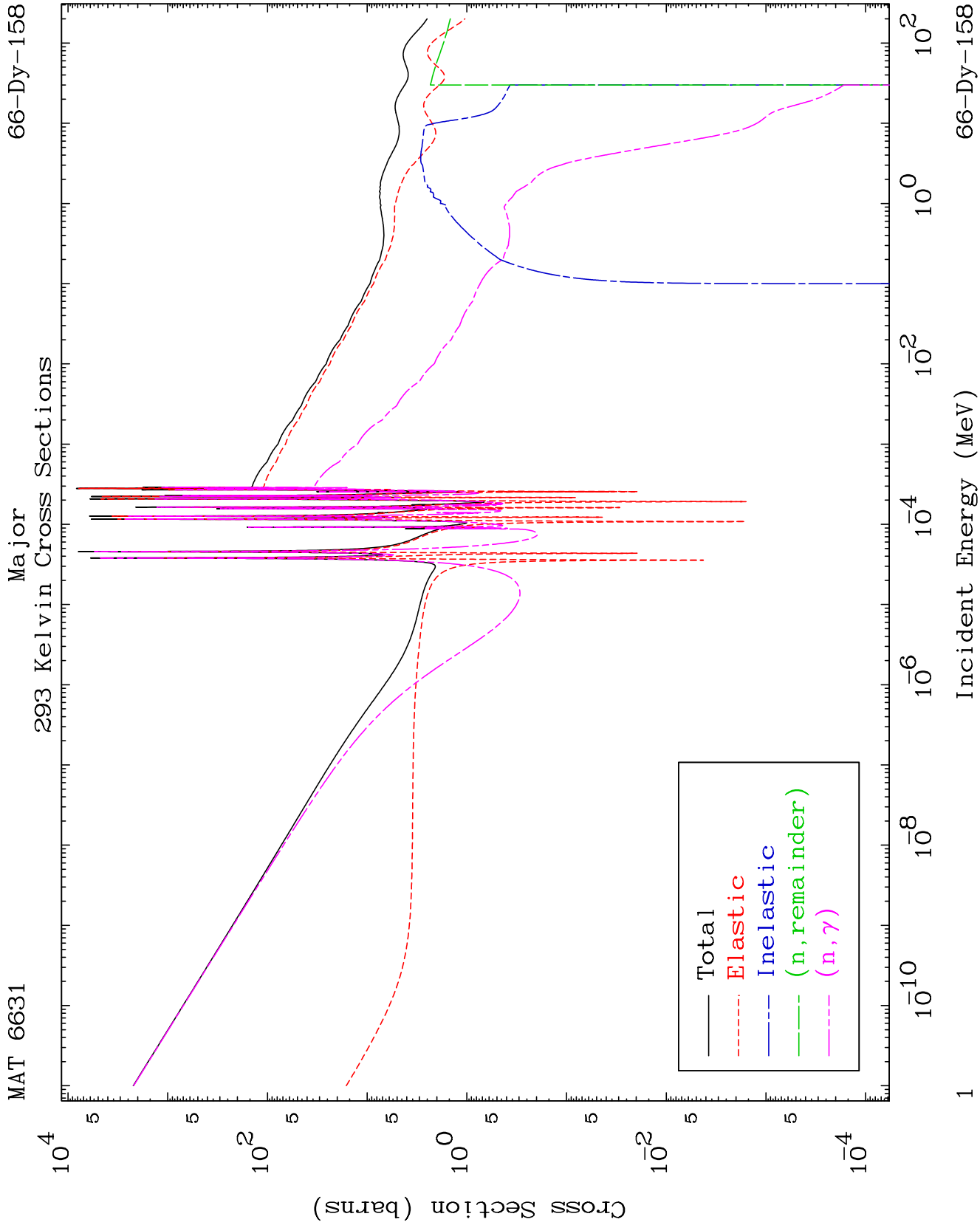
Dermott E. Cullen  
(Present Contact Information)

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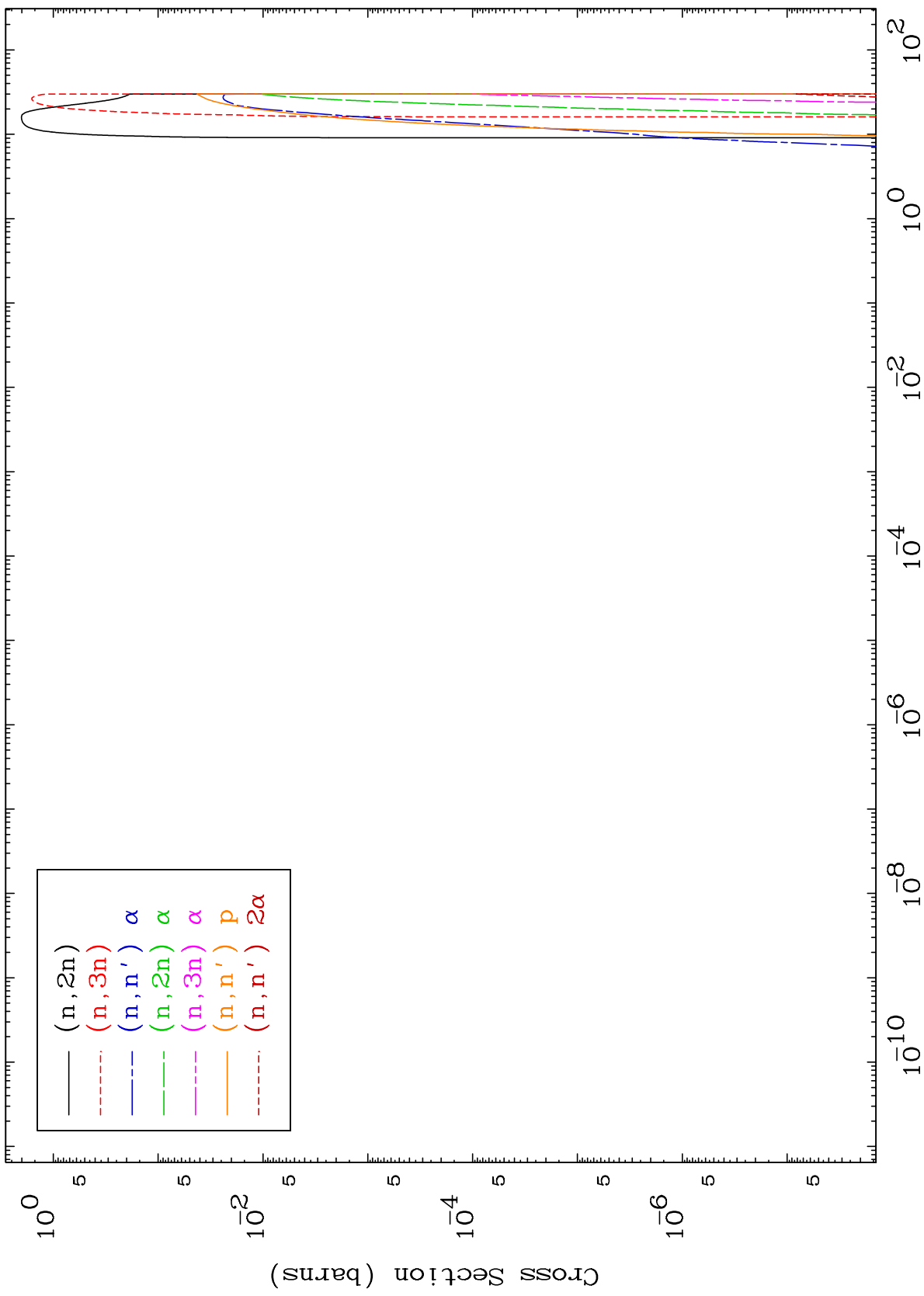
Press Mouse Button to Start



MAT 6631

Neutron Production  
293 Kelvin Cross Sections

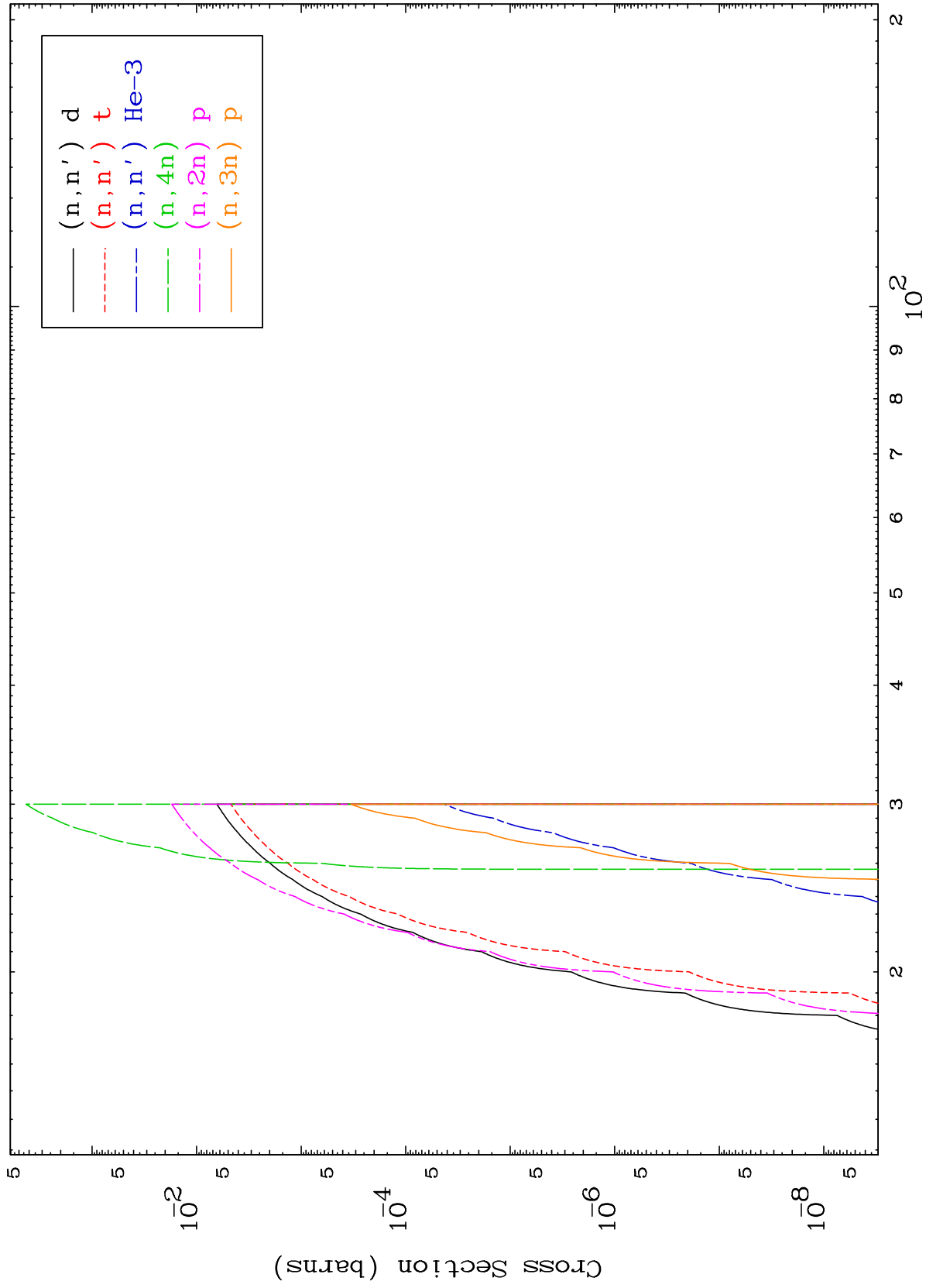
66-Dy-158



2

Incident Energy (MeV)

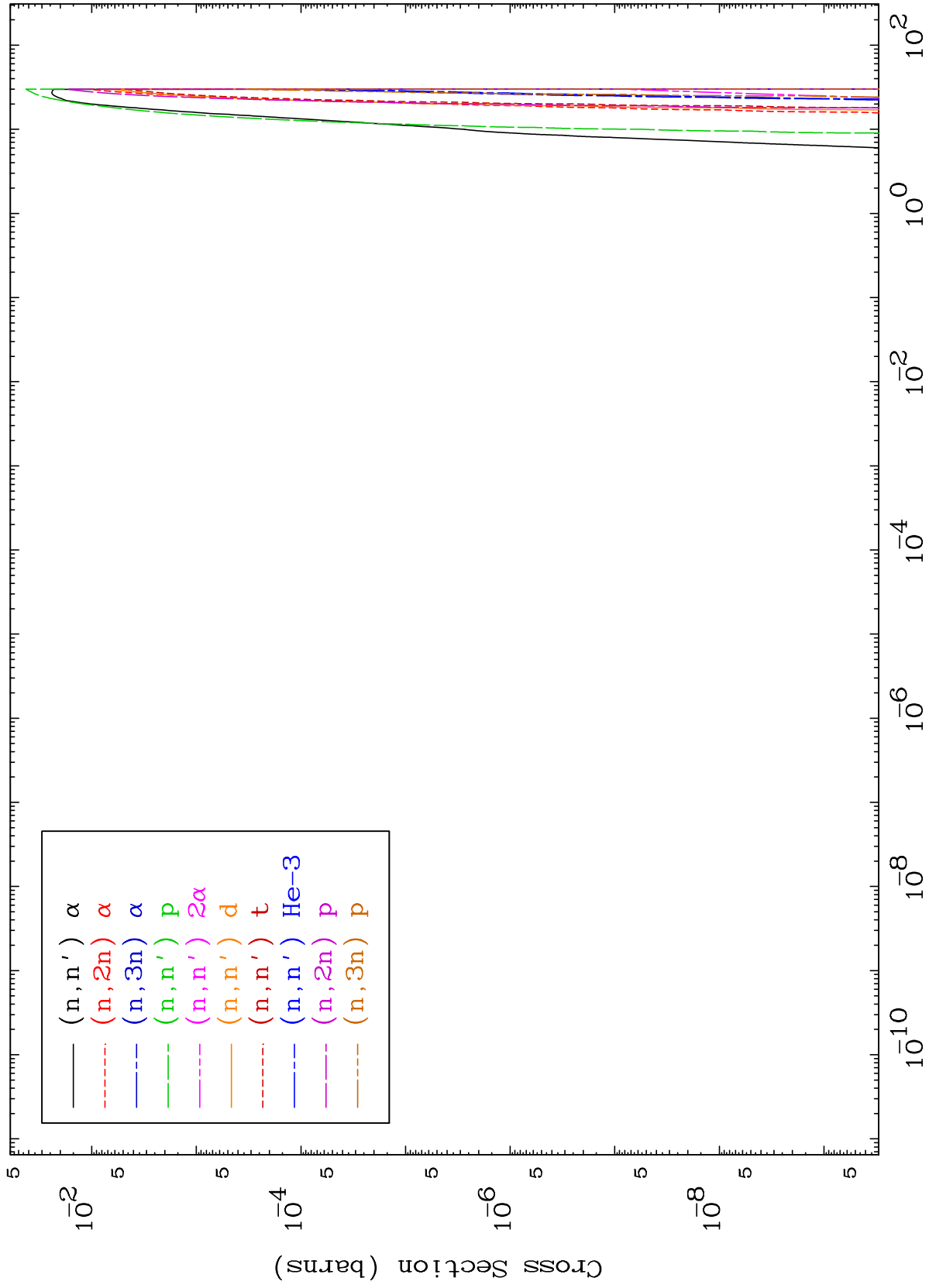
66-Dy-158



MAT 6631

293 Charged Particle  
Kelvin Cross Sections

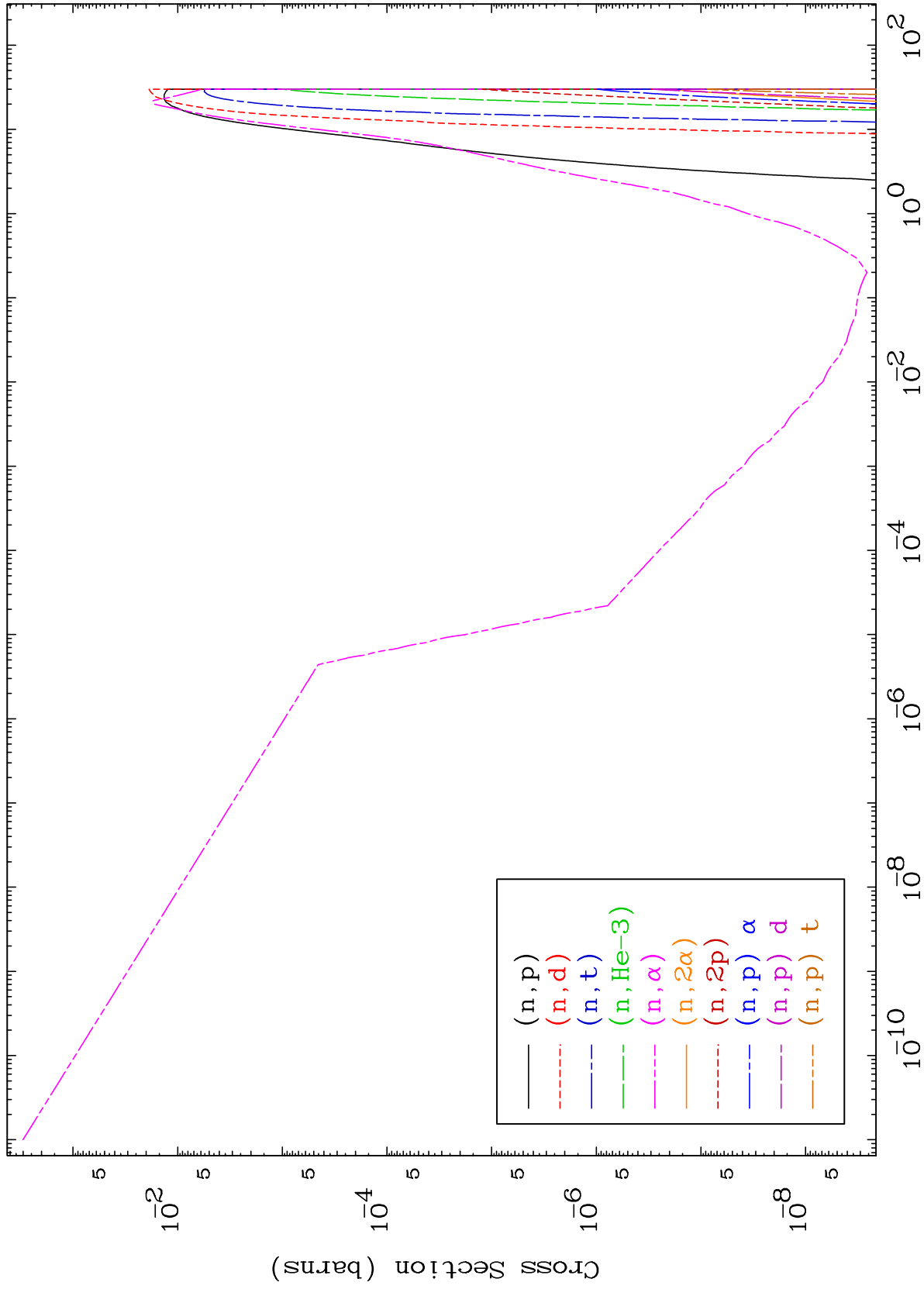
66-Dy-158

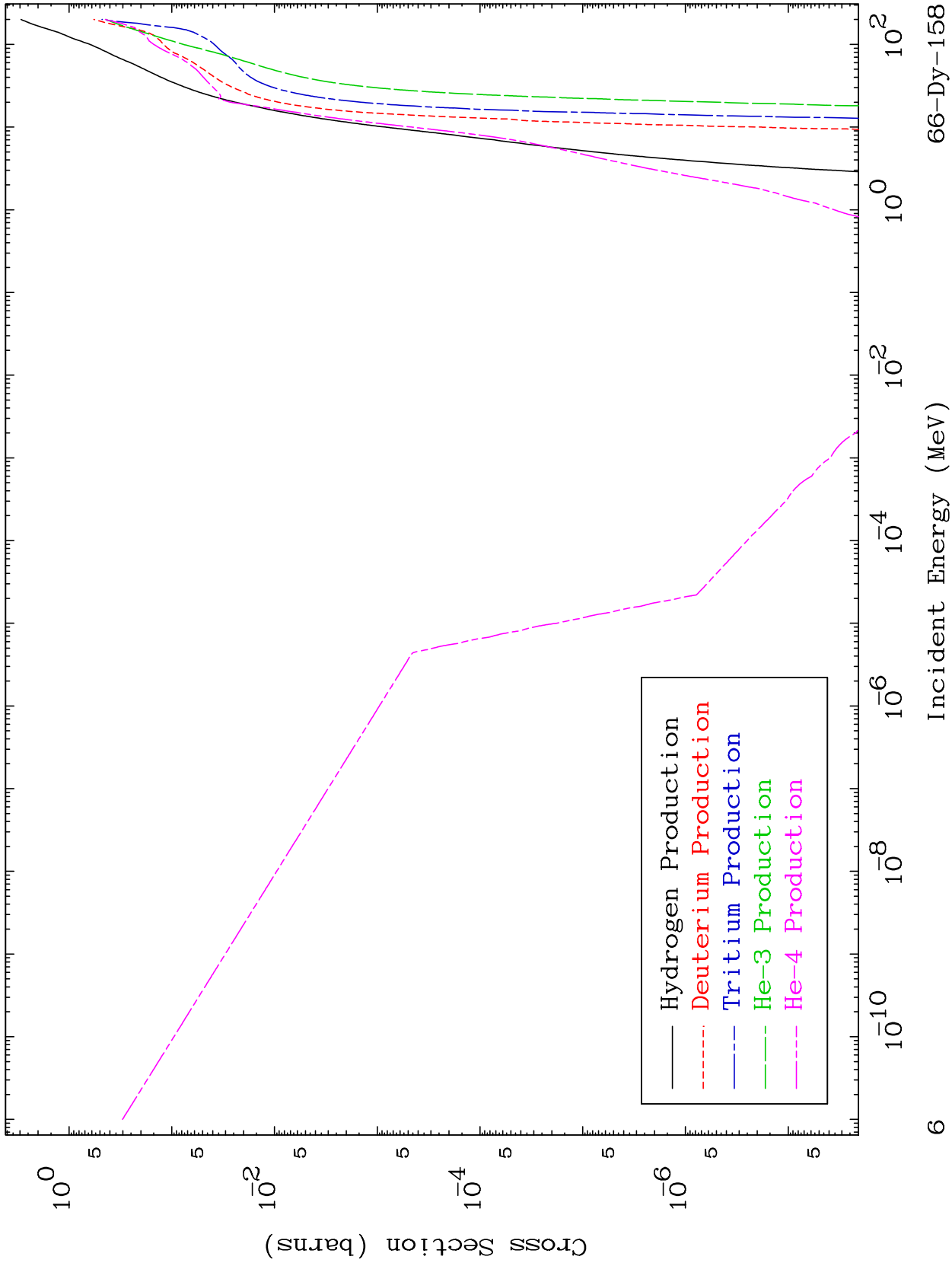


MAT 6631

293 Kelvin Cross Sections

66-Dy-158



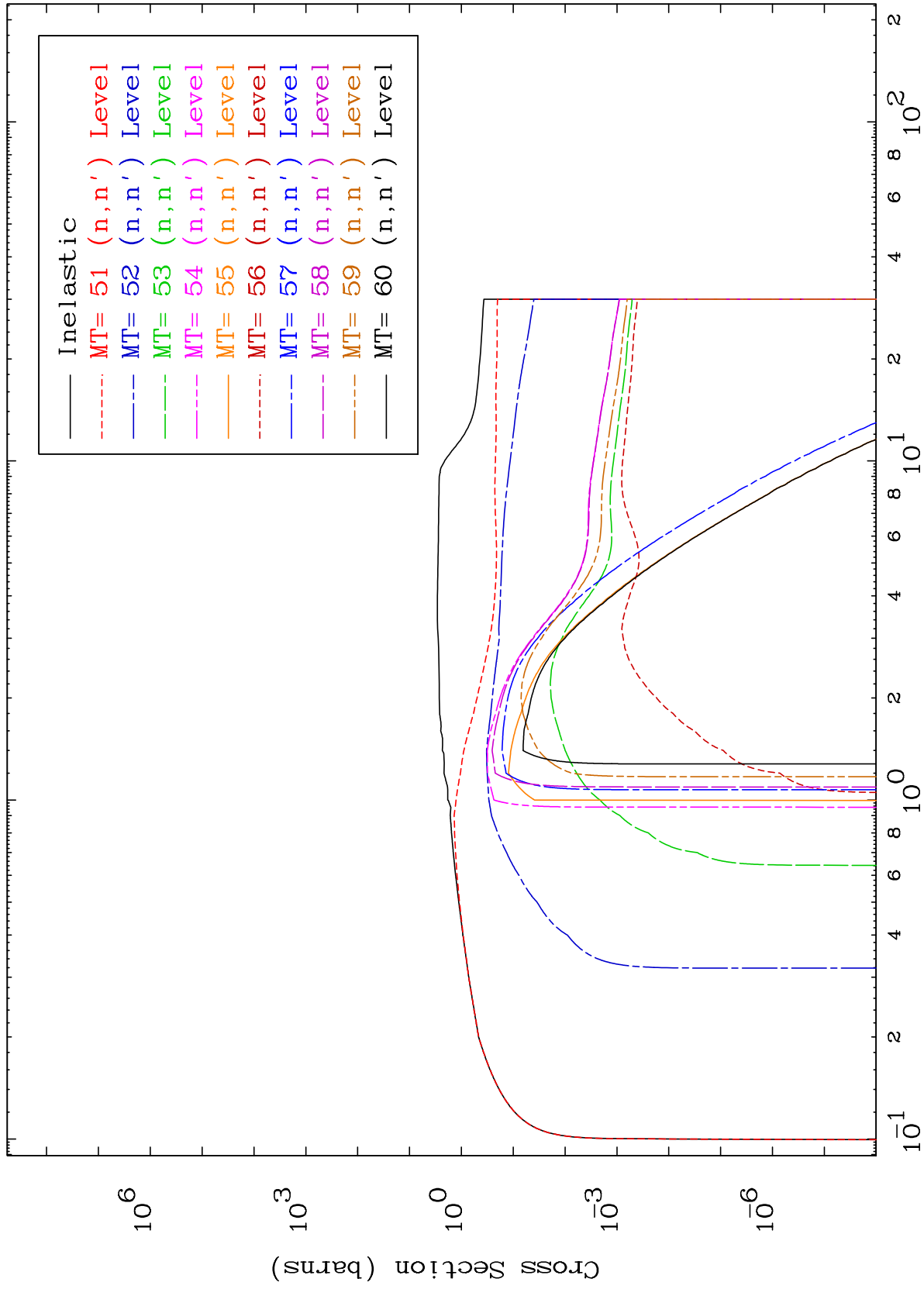


MAT 6631

(n,n') Level

66-Dy-158

293 Kelvin Cross Sections



Incident Energy (MeV)

66-Dy-158

7

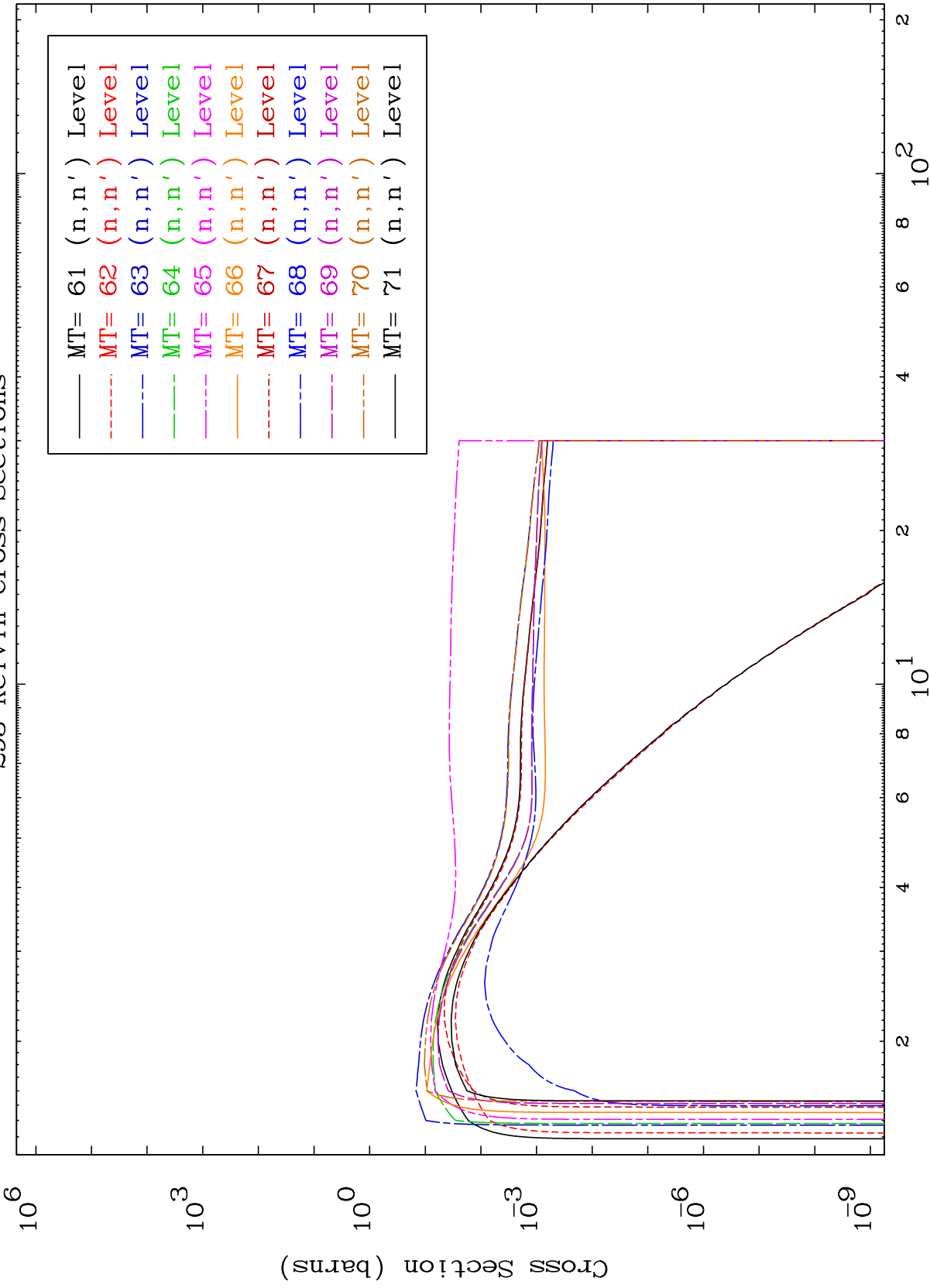


MAT 6631

(n,n') Level

66-Dy-158

293 Kelvin Cross Sections



8

Incident Energy (MeV)

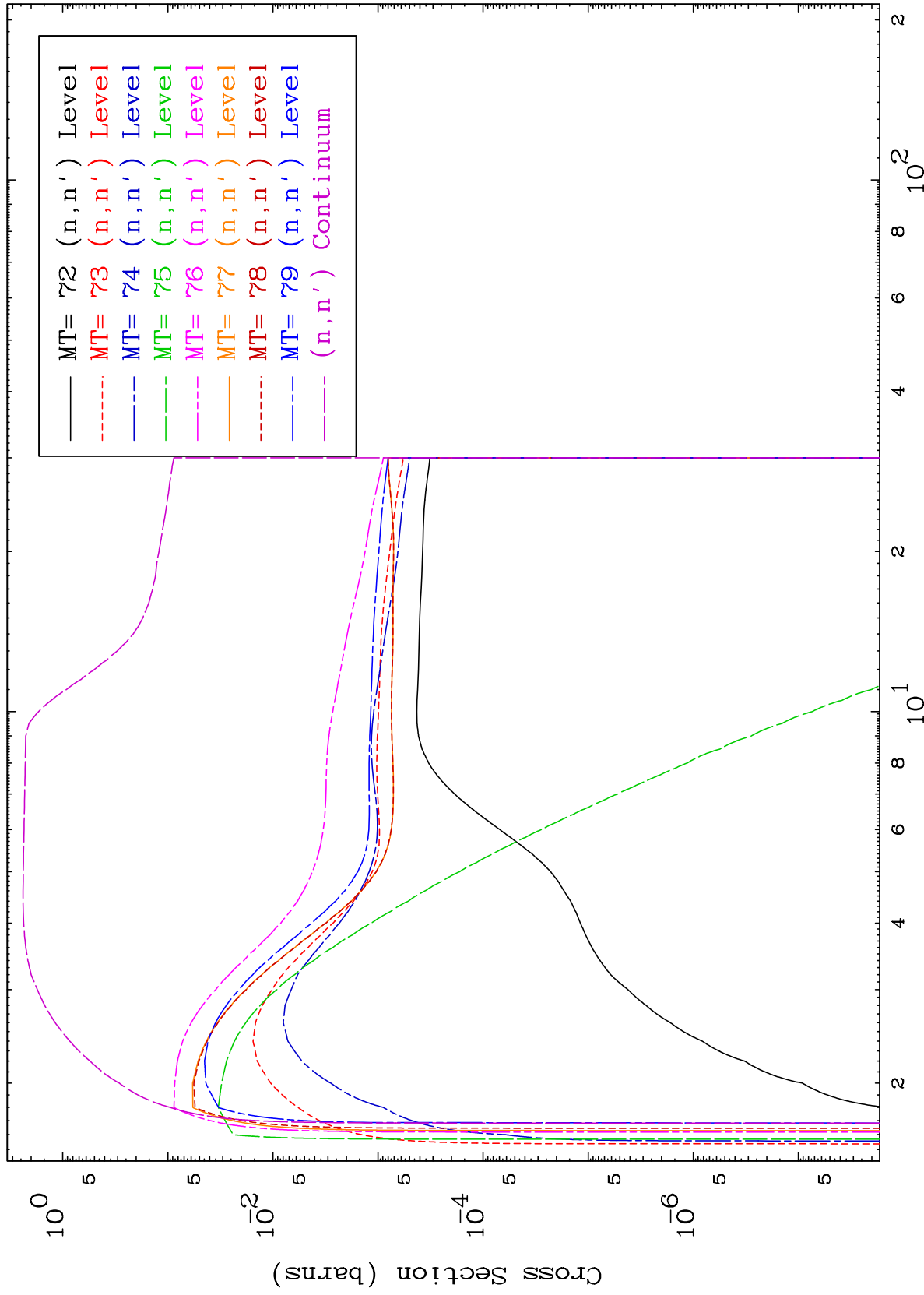
66-Dy-158

MAT 6631

(n,n') Level

66-Dy-158

293 Kelvin Cross Sections



9

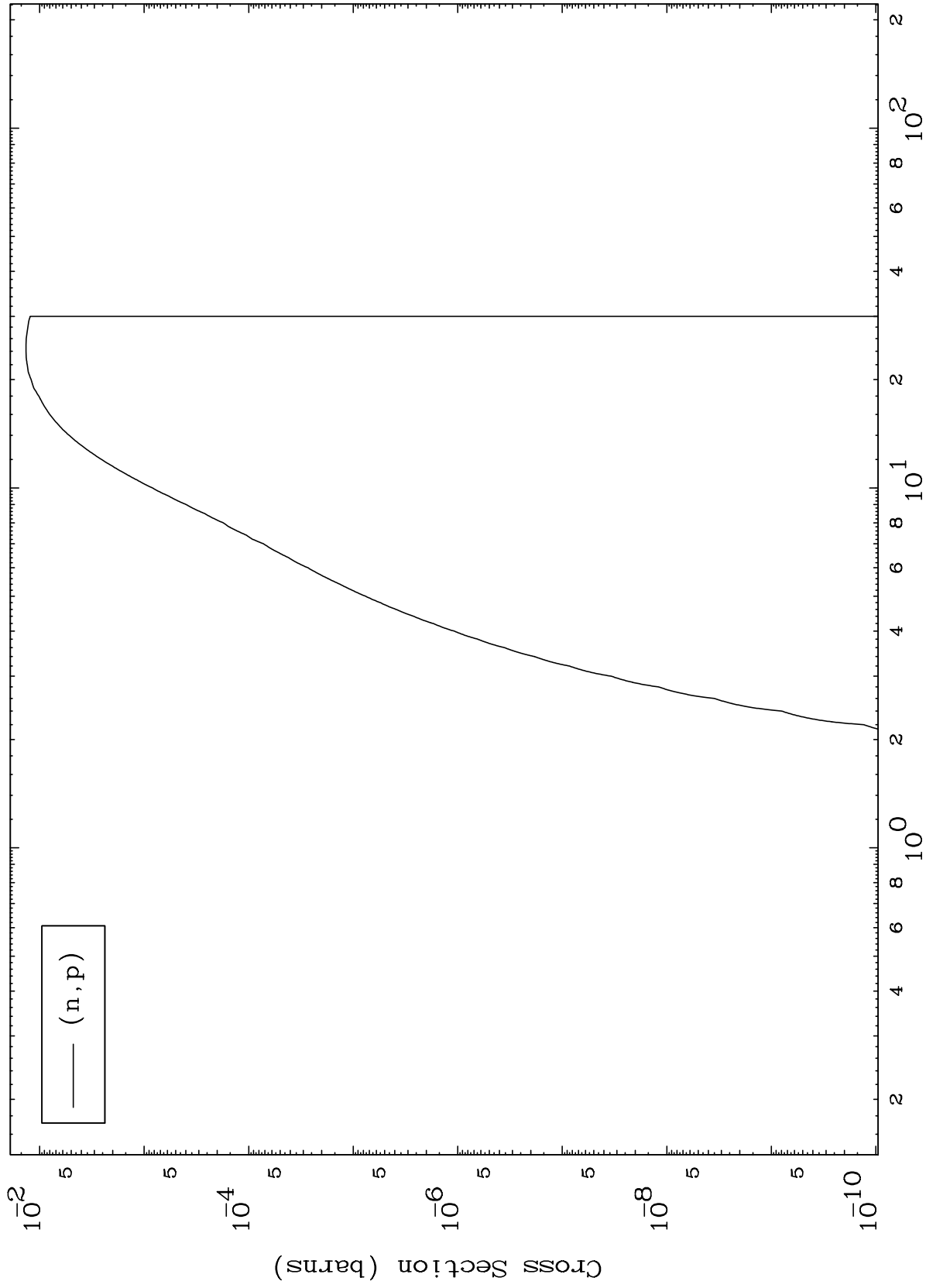
Incident Energy (MeV)

66-Dy-158

MAT 6631

(n,p) Levels  
293 Kelvin Cross Sections

66-Dy-158



10

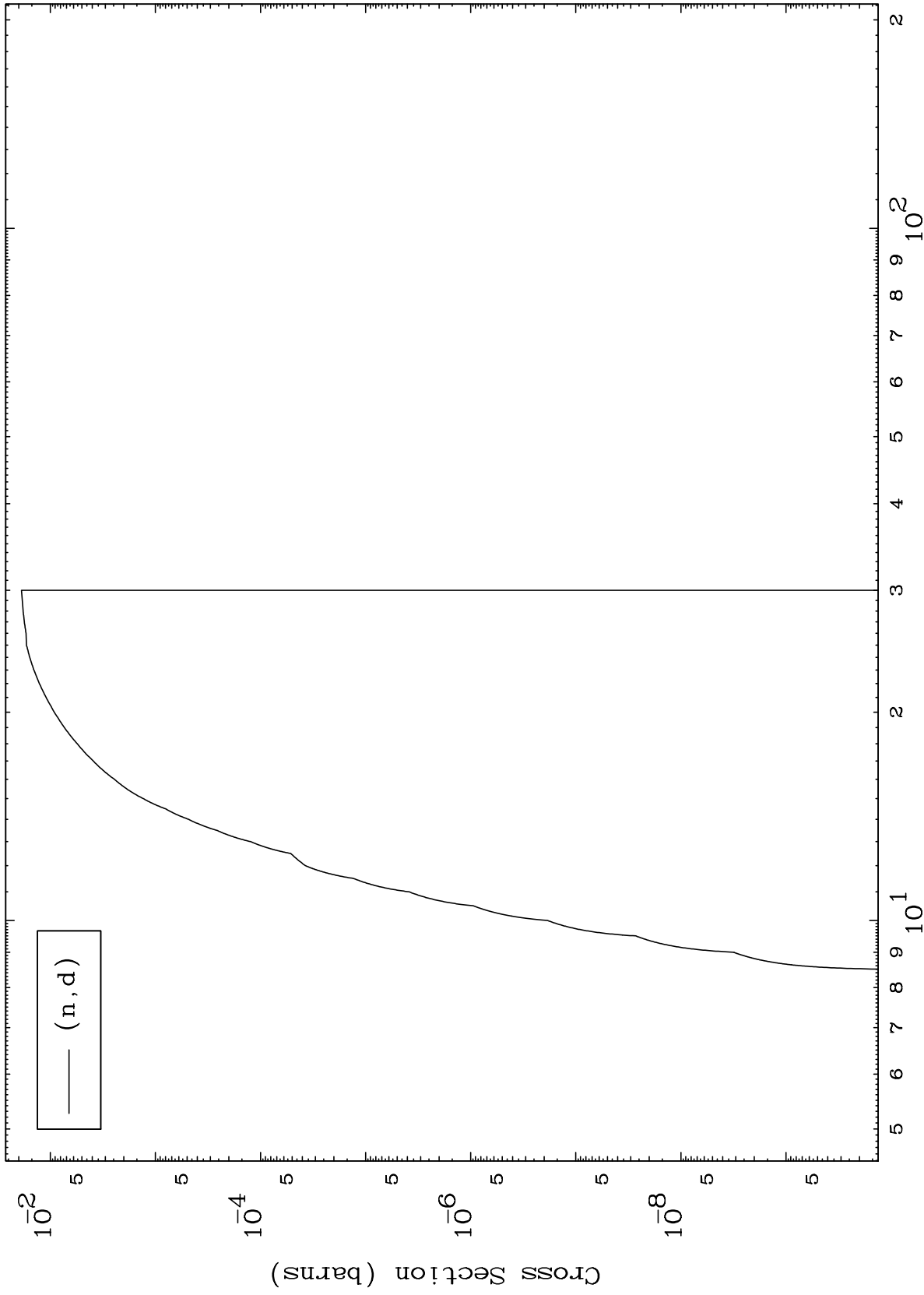
Incident Energy (MeV)

66-Dy-158

MAT 6631

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-158



11

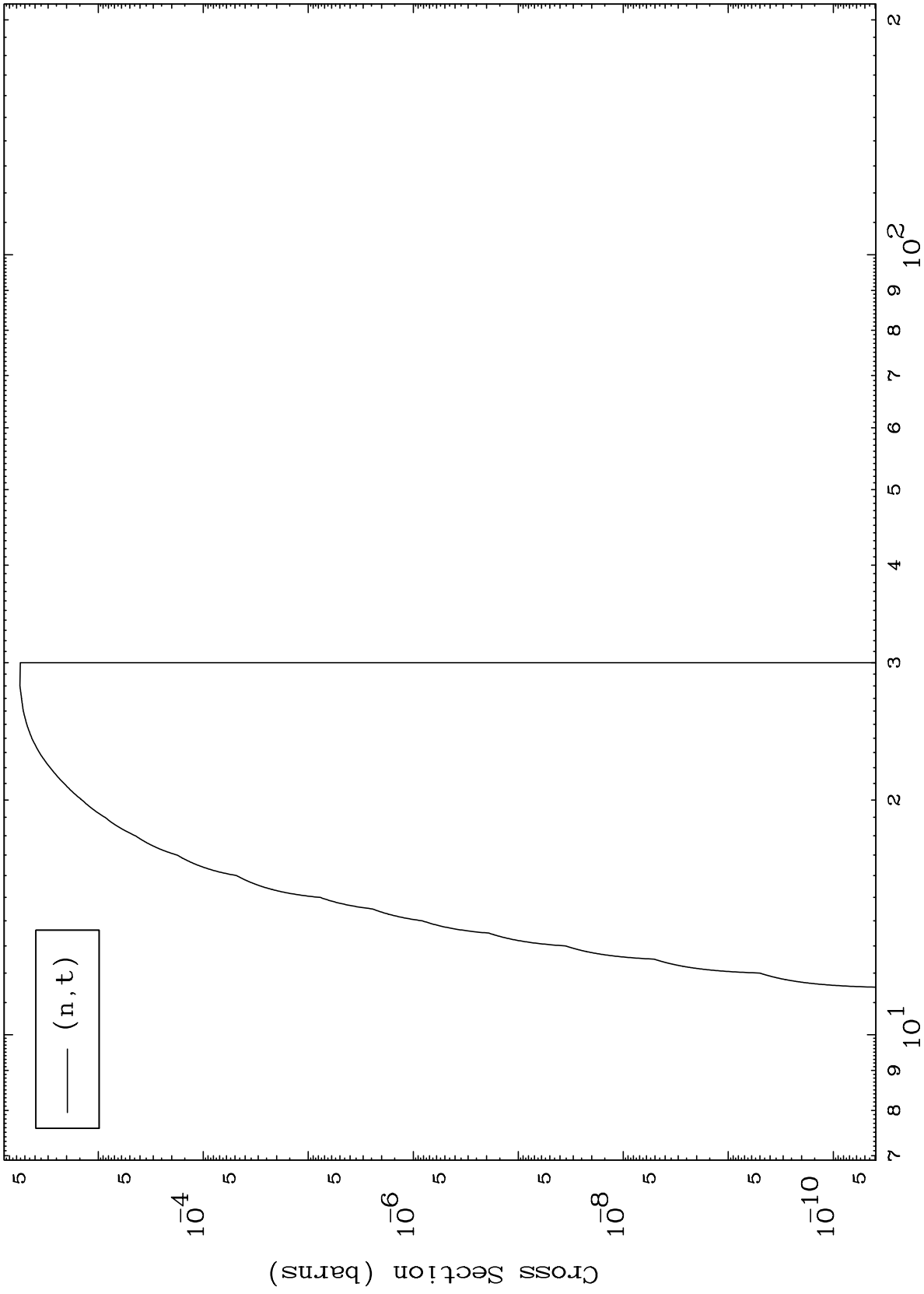
Incident Energy (MeV)

66-Dy-158

MAT 6631

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-158



12

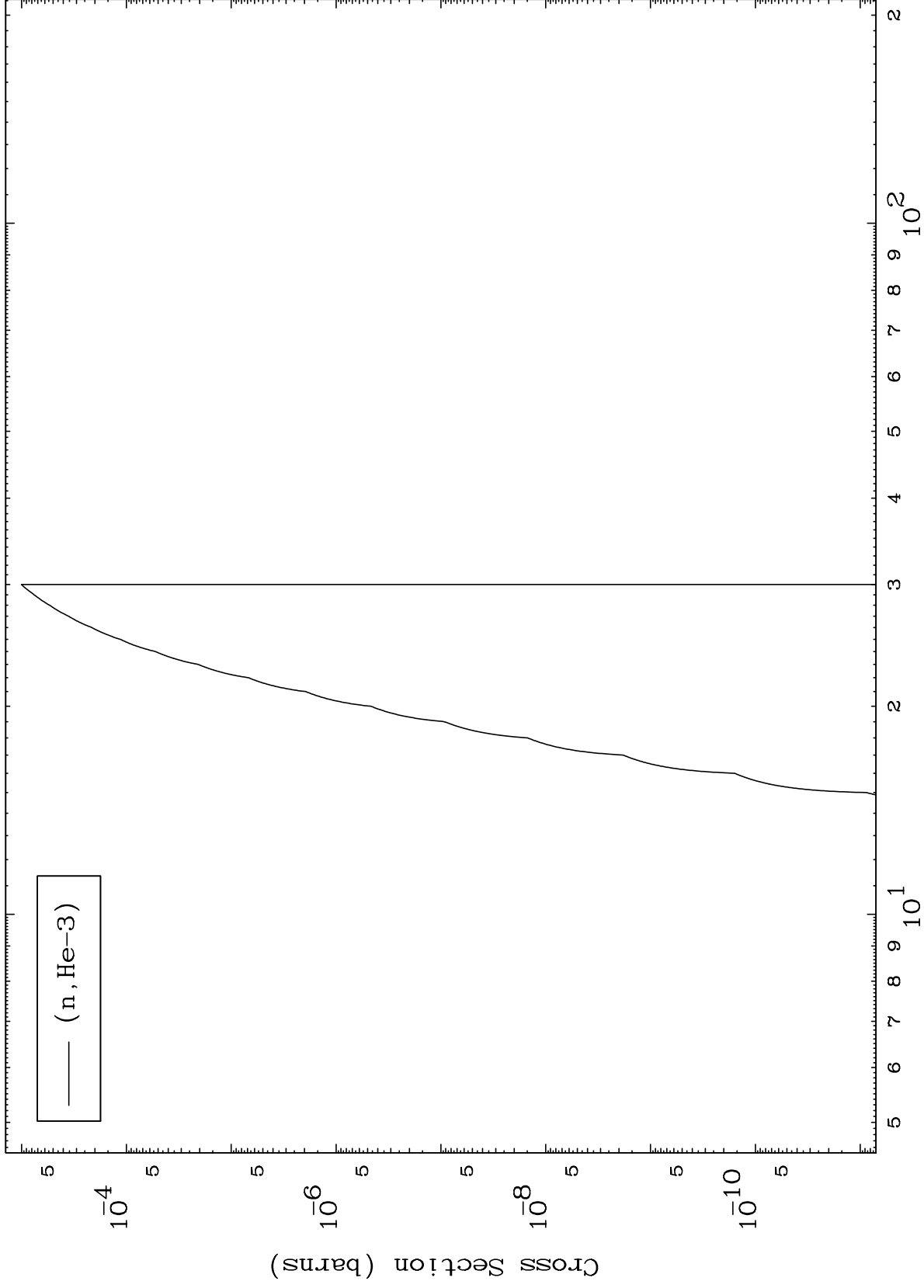
Incident Energy (MeV)

66-Dy-158

MAT 6631

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-158



13

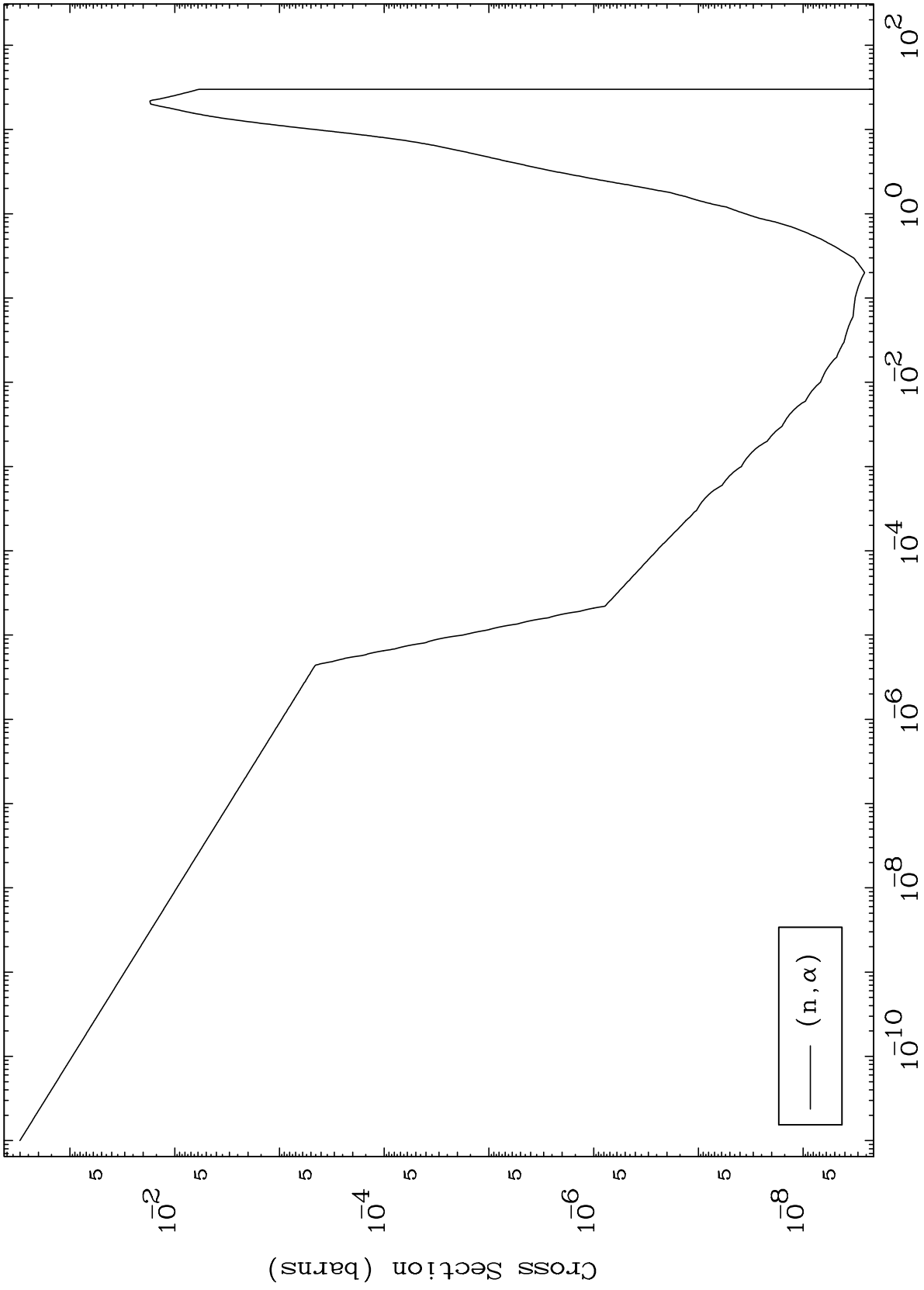
Incident Energy (MeV)

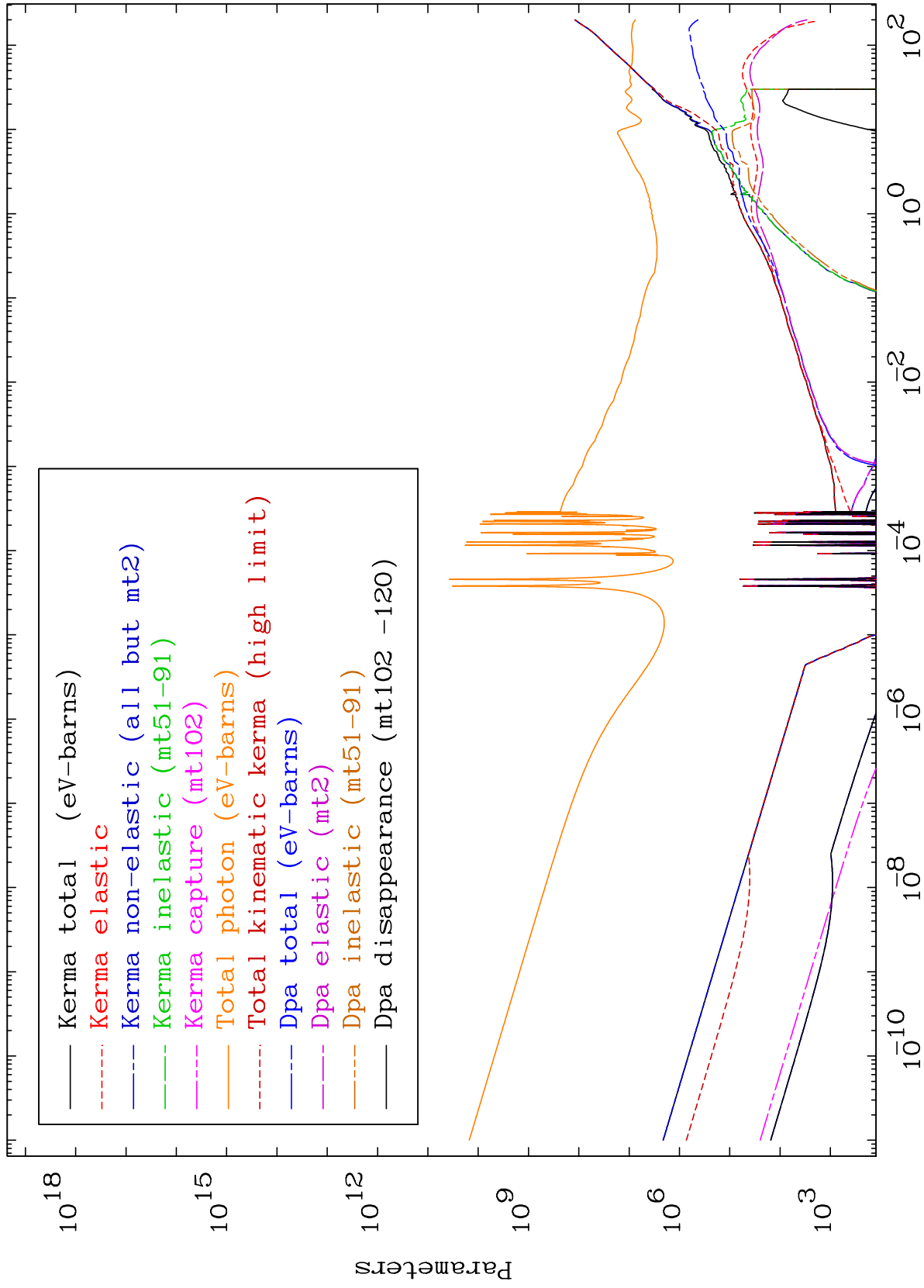
66-Dy-158

MAT 6631

(n,α) Levels  
293 Kelvin Cross Sections

66-Dy-158



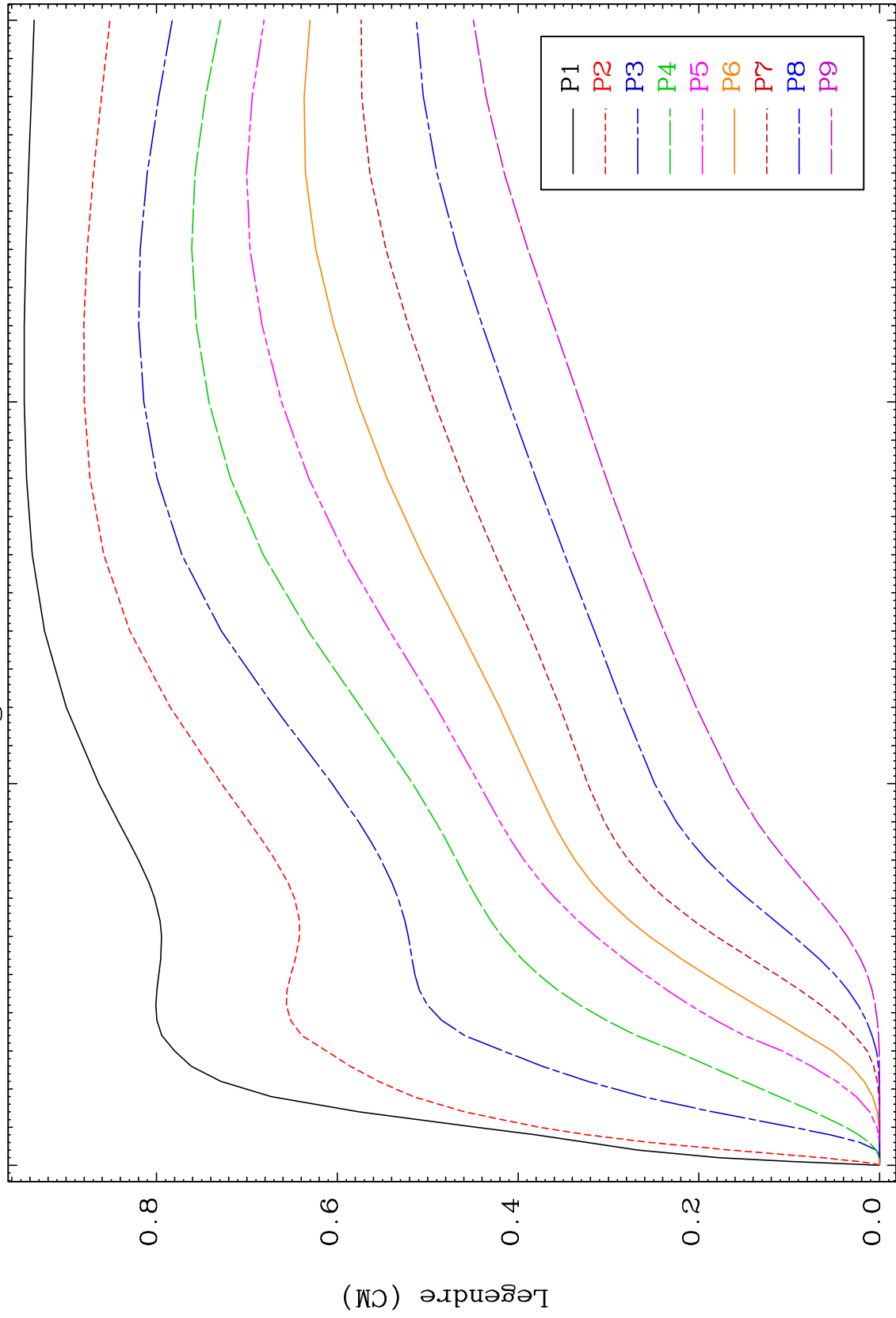




MAT 6631

Elastic Legendre Coefficients

66-Dy-158



16

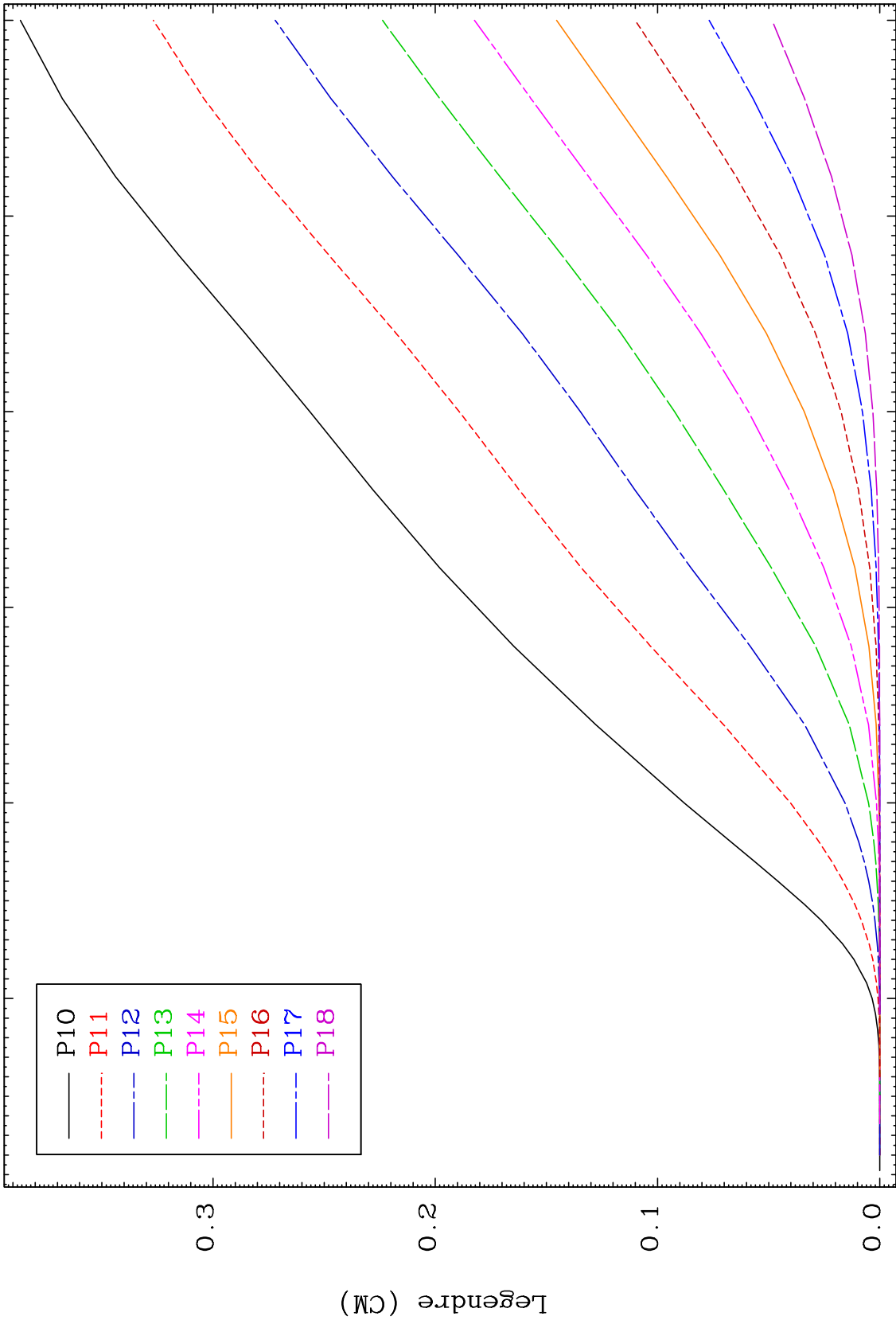
Incident Energy (MeV)

66-Dy-158

MAT 6631

Elastic Legendre Coefficients

66-Dy-158



17

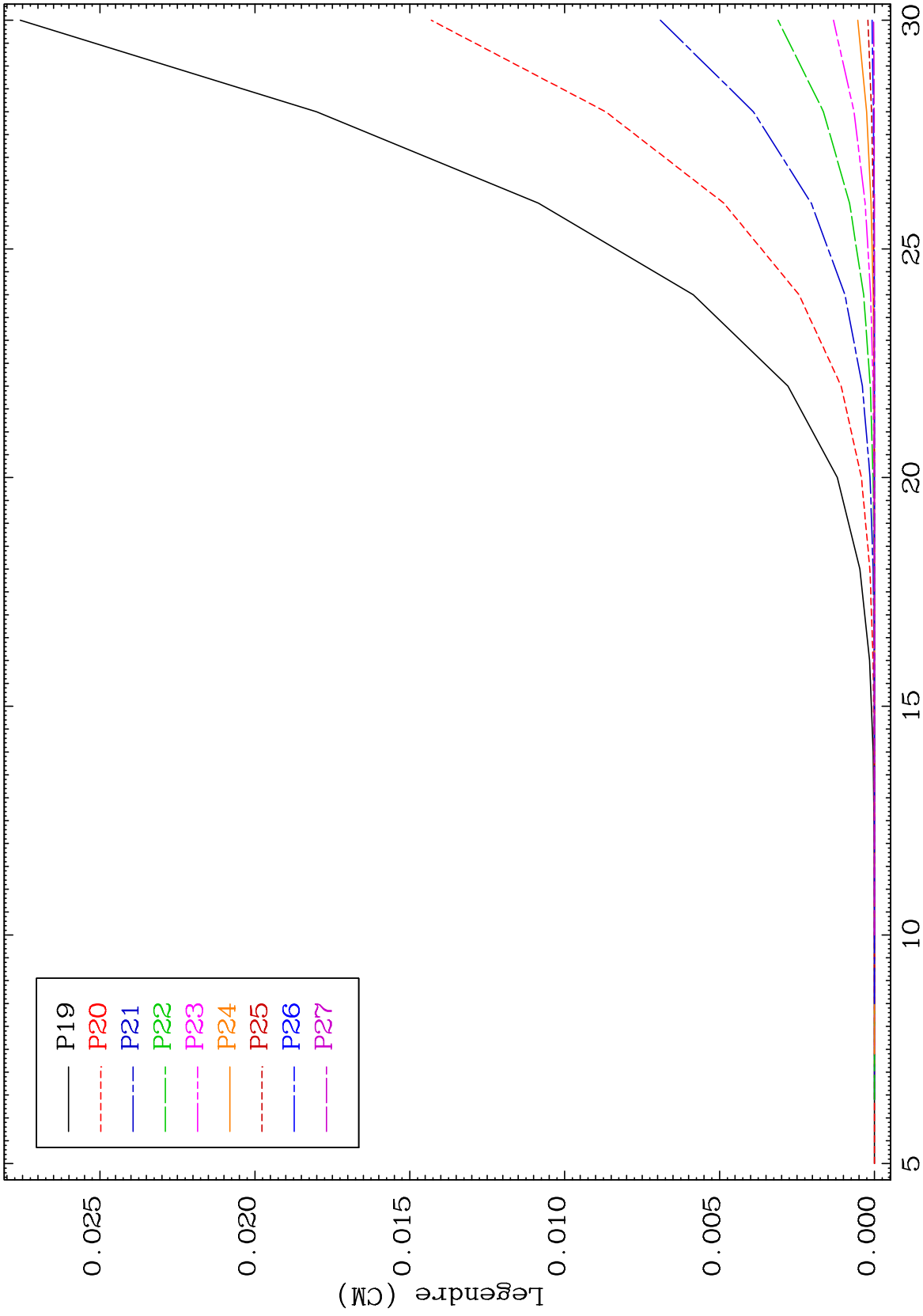
Incident Energy (MeV)

66-Dy-158

MAT 6631

### Elastic Legendre Coefficients

66-Dy-158



18

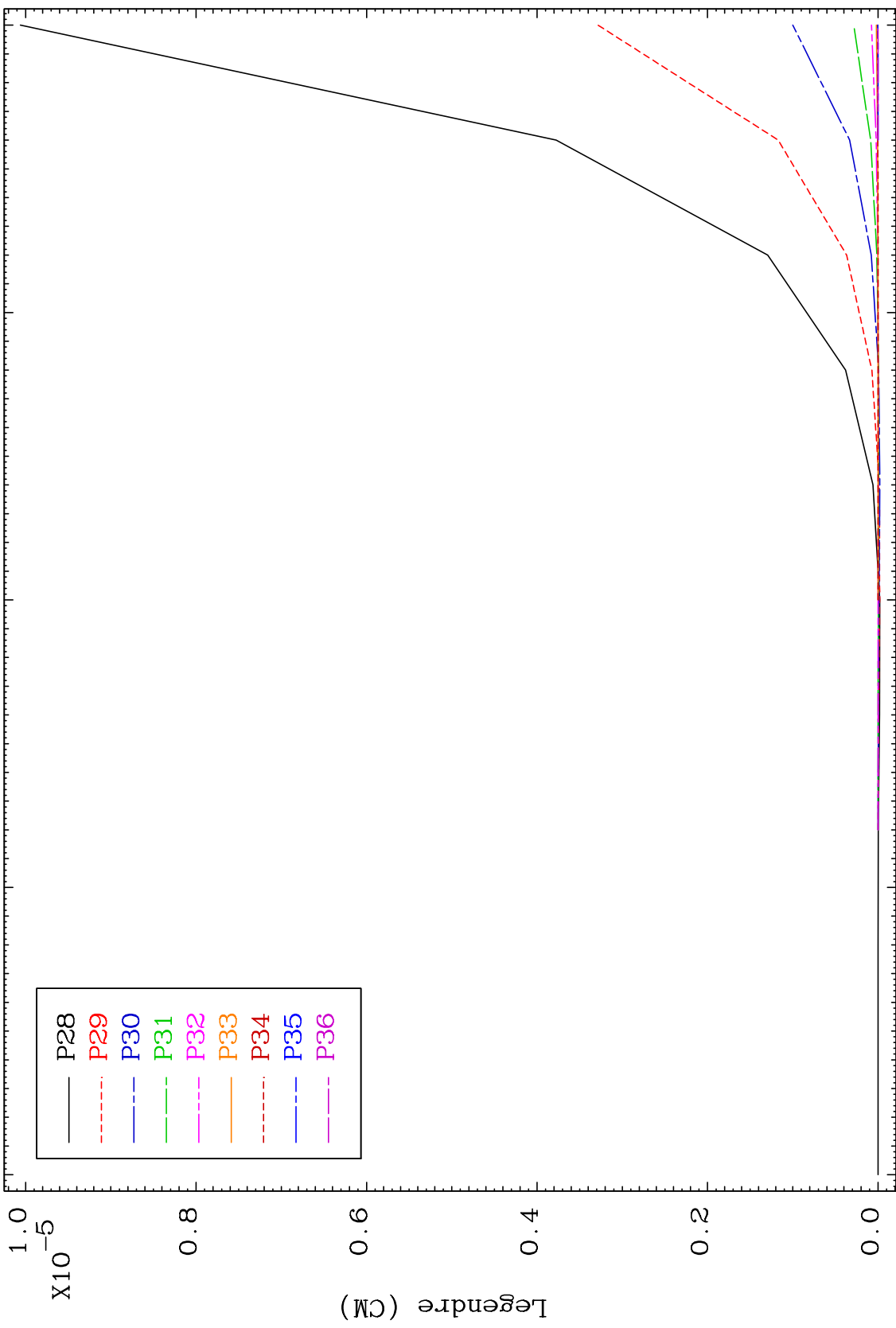
Incident Energy (MeV)

66-Dy-158

MAT 6631

Elastic Legendre Coefficients

66-Dy-158



19

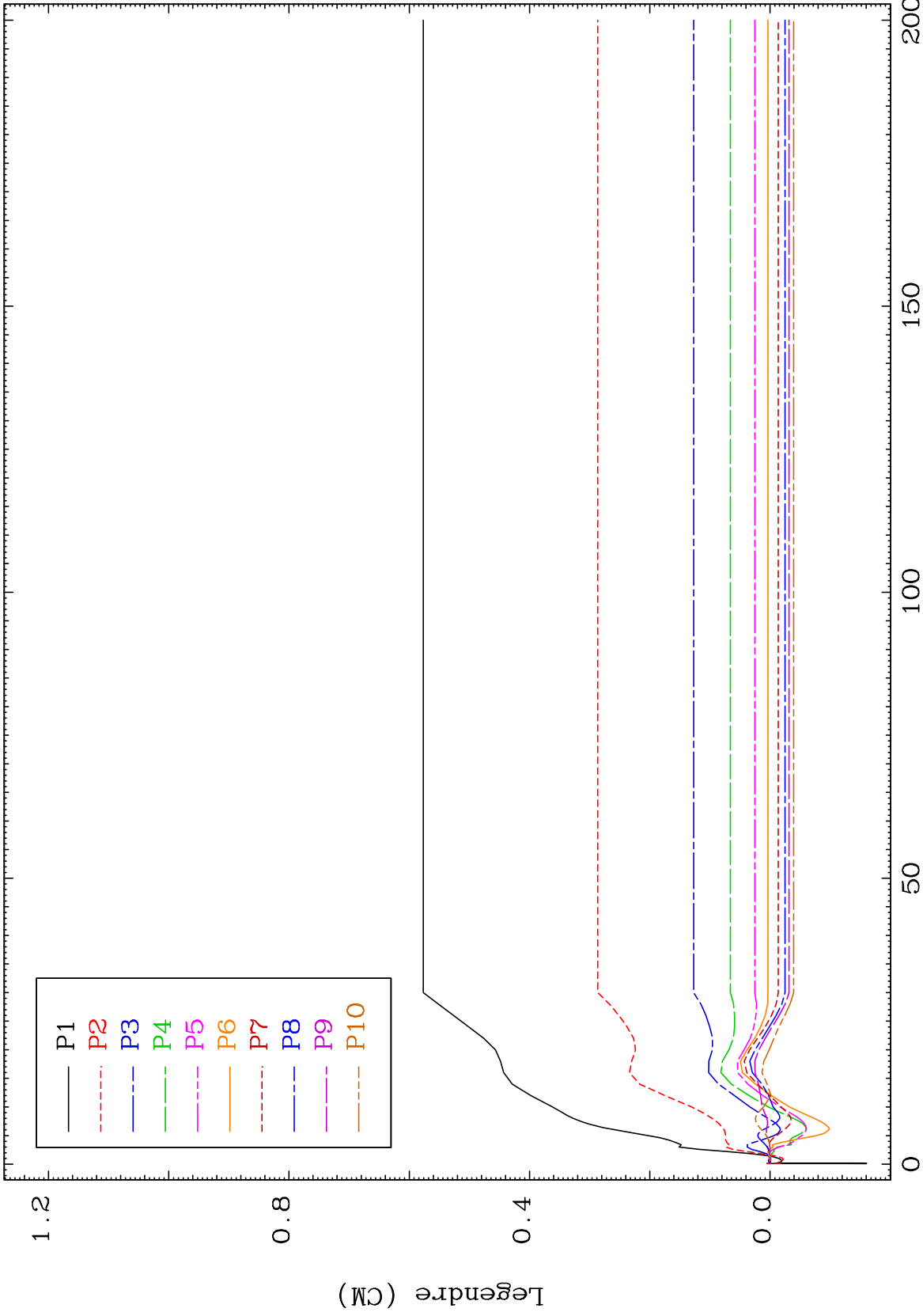
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



20

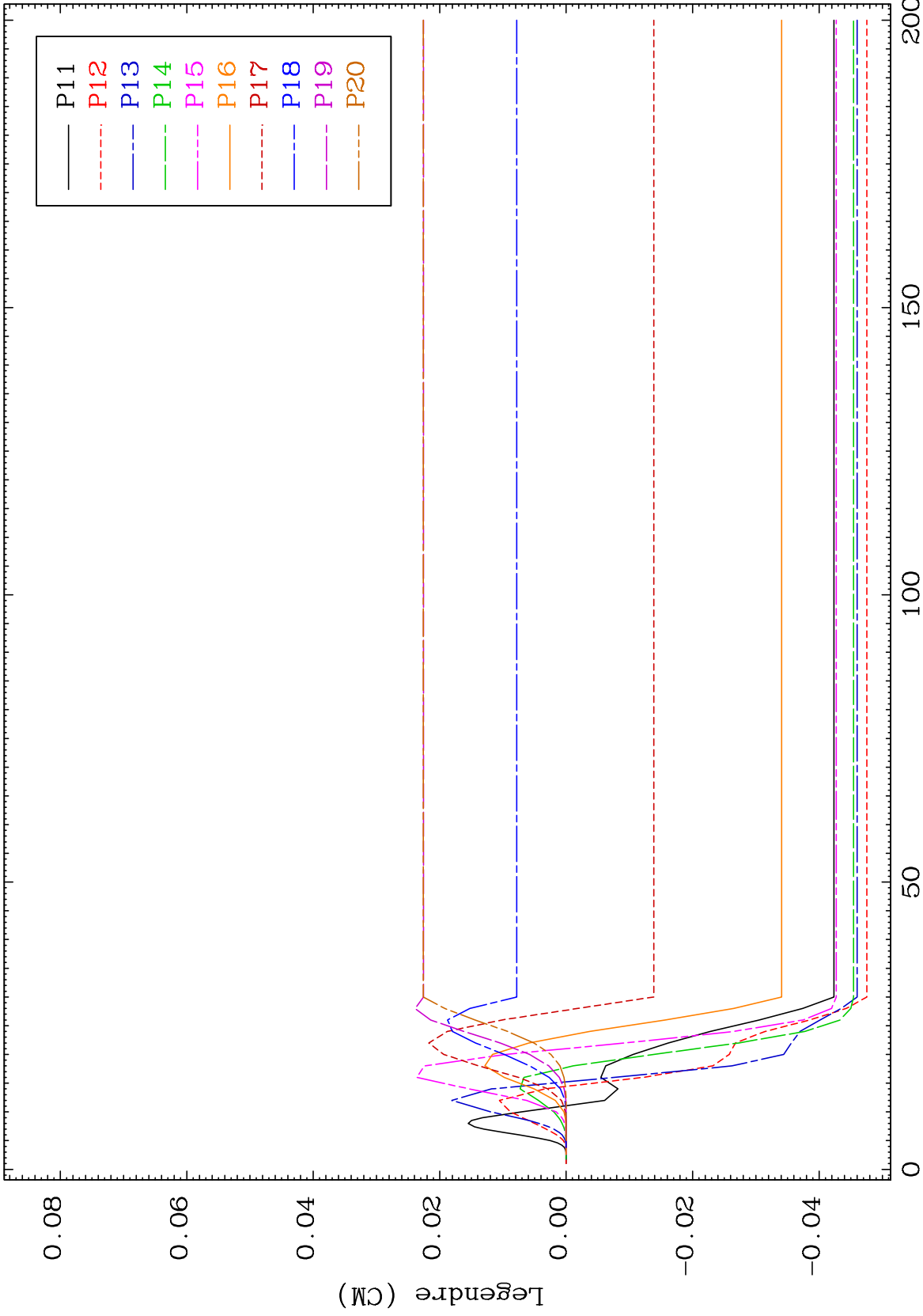
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



21

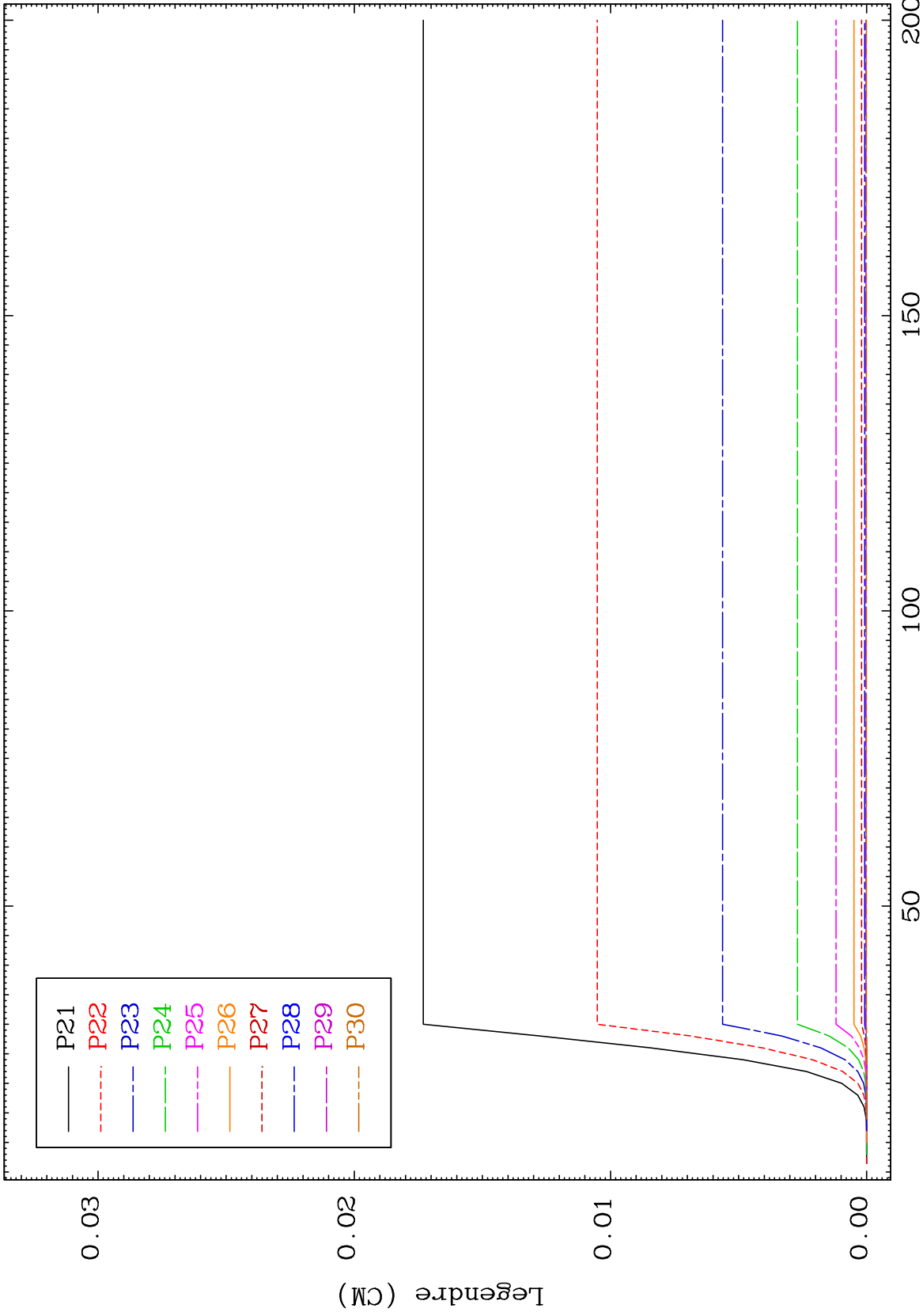
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



22

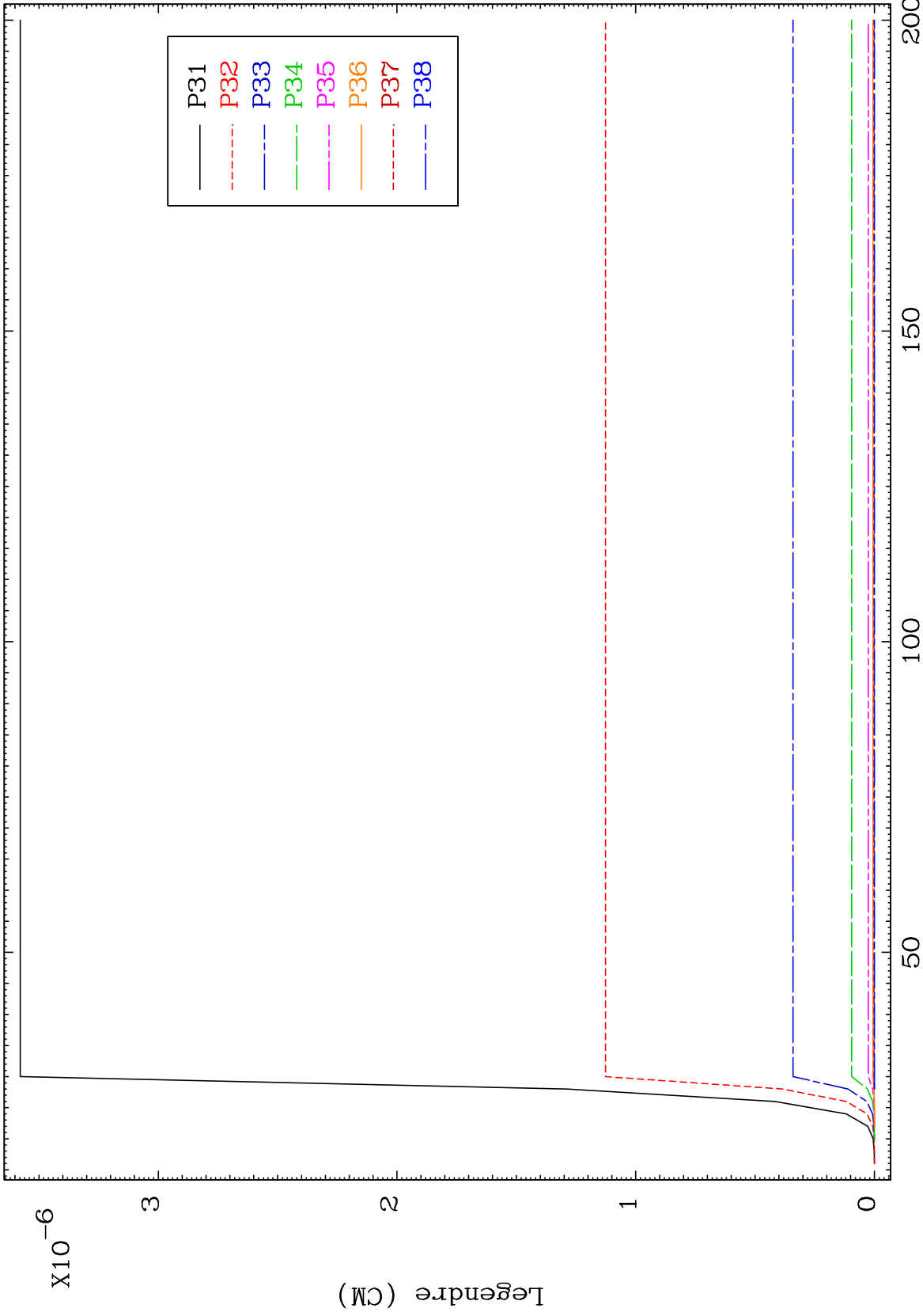
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



23

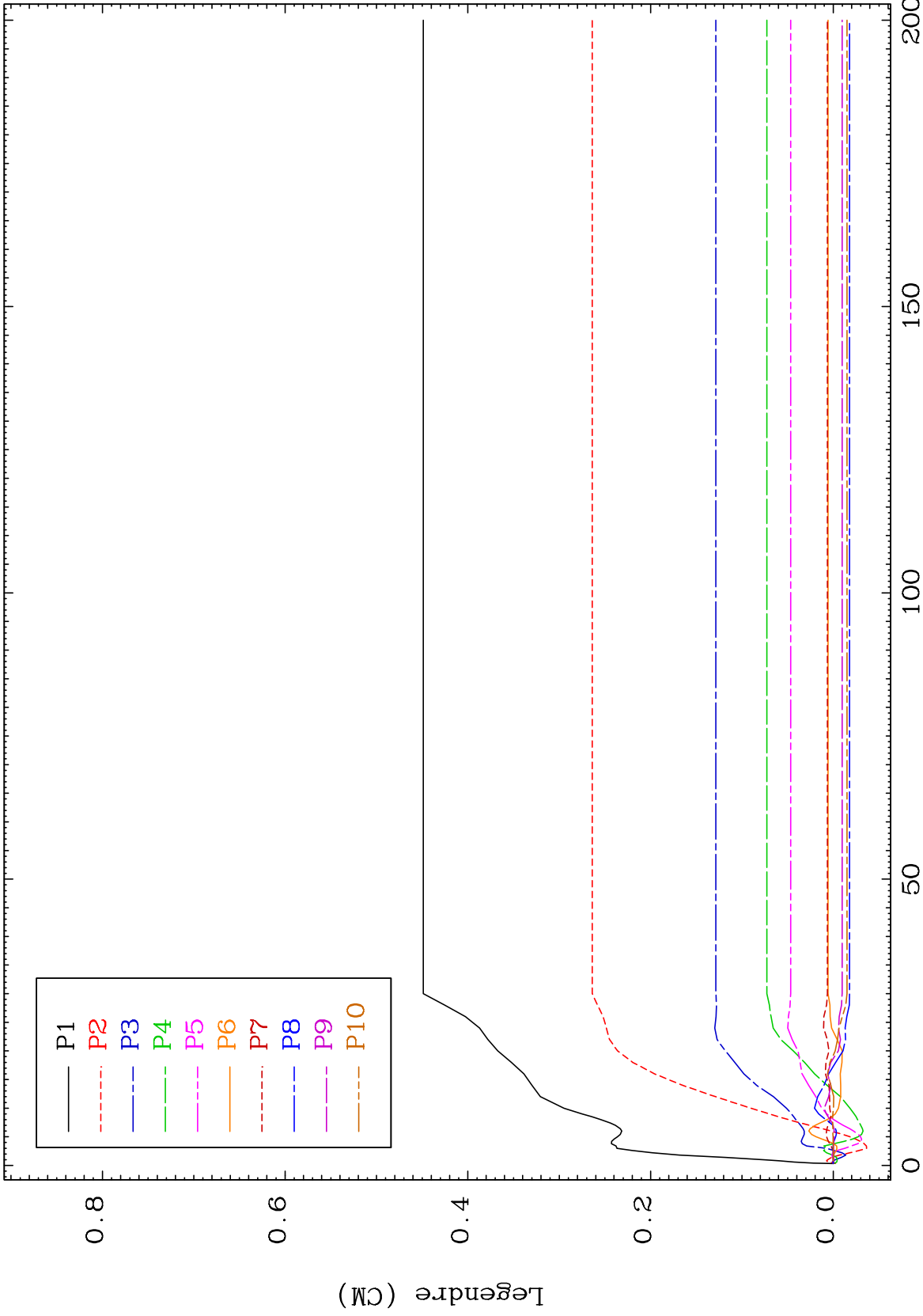
66-Dy-158



MAT 6631

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

66-Dy-158



24

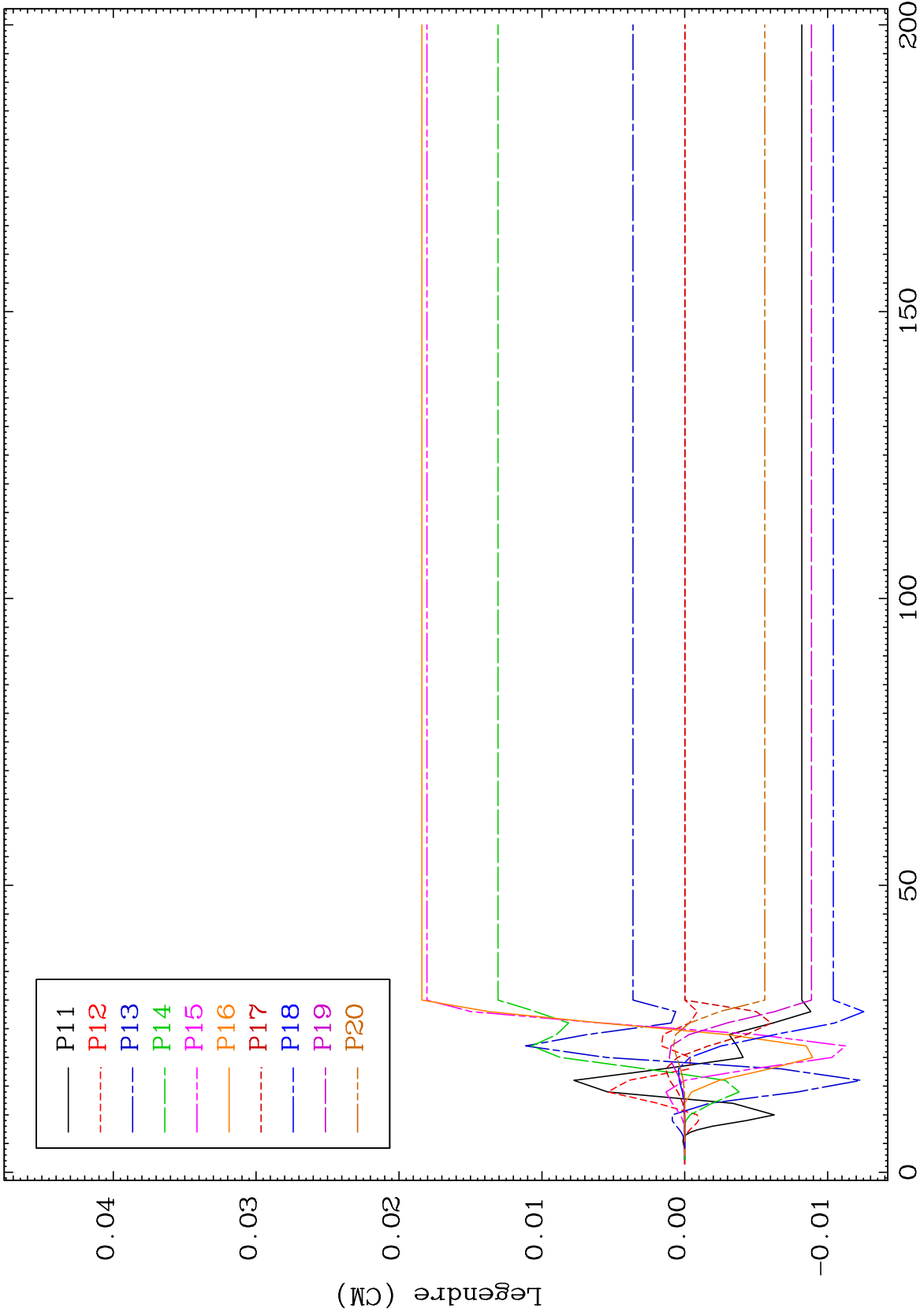
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



25

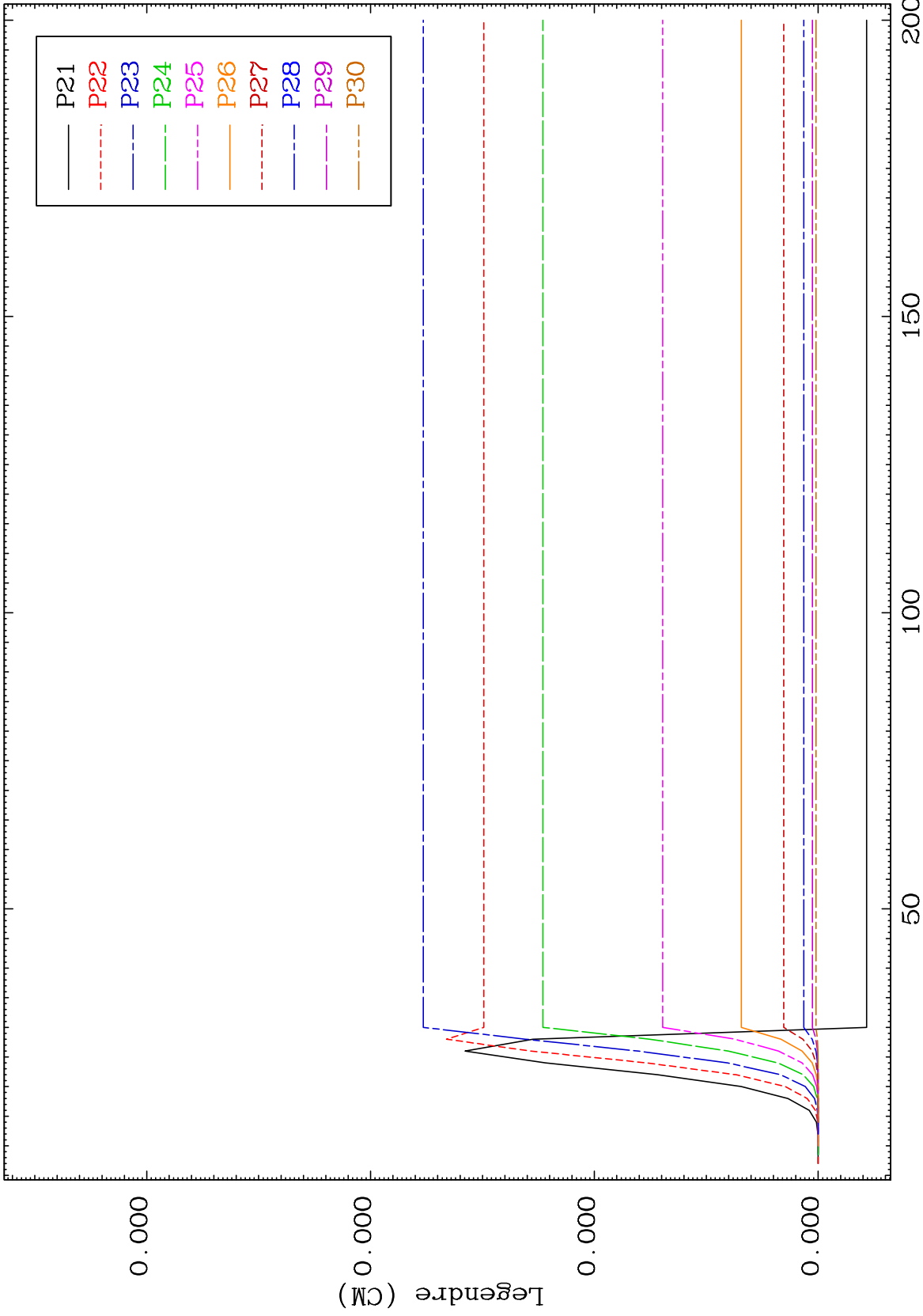
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



26

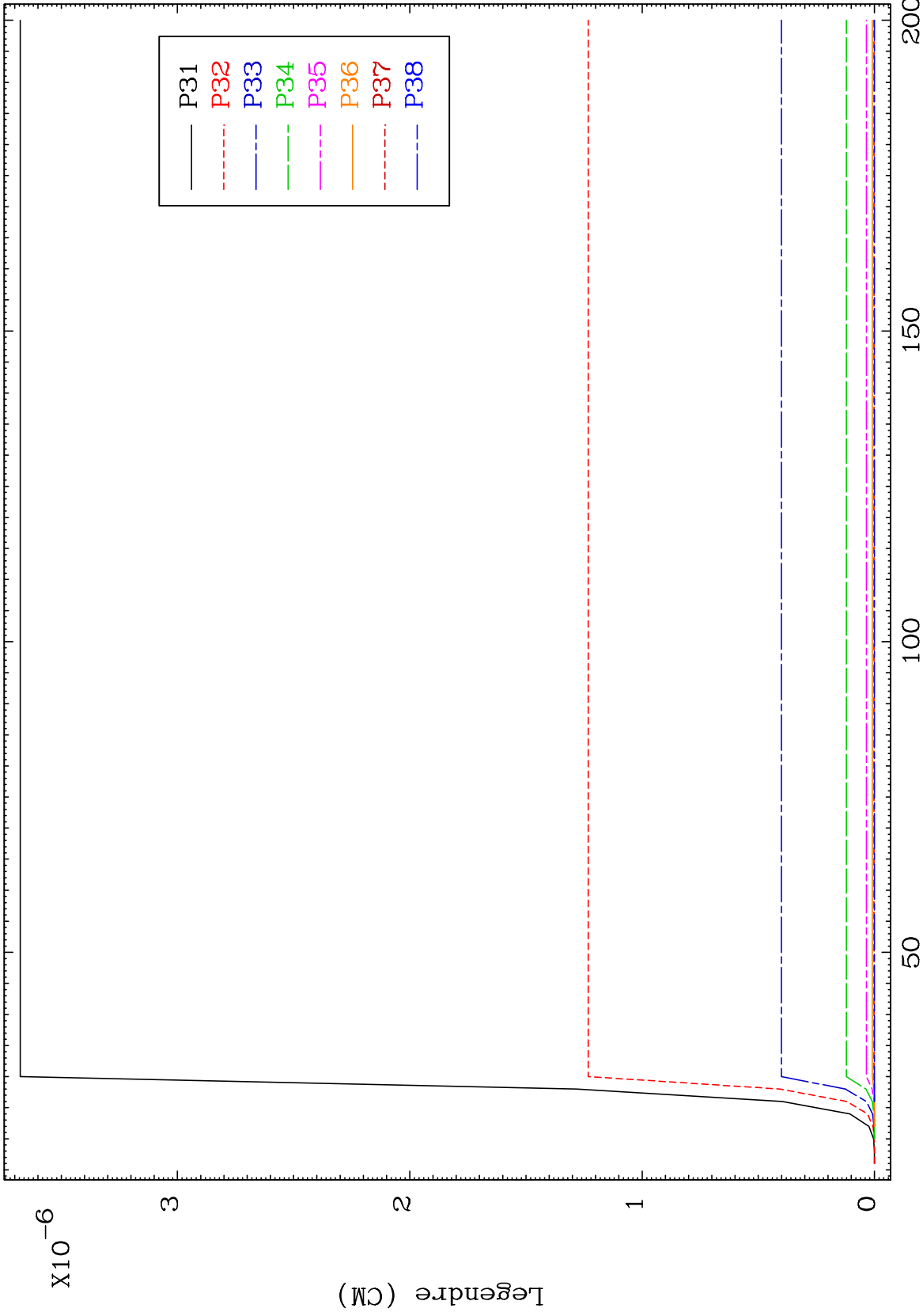
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



27

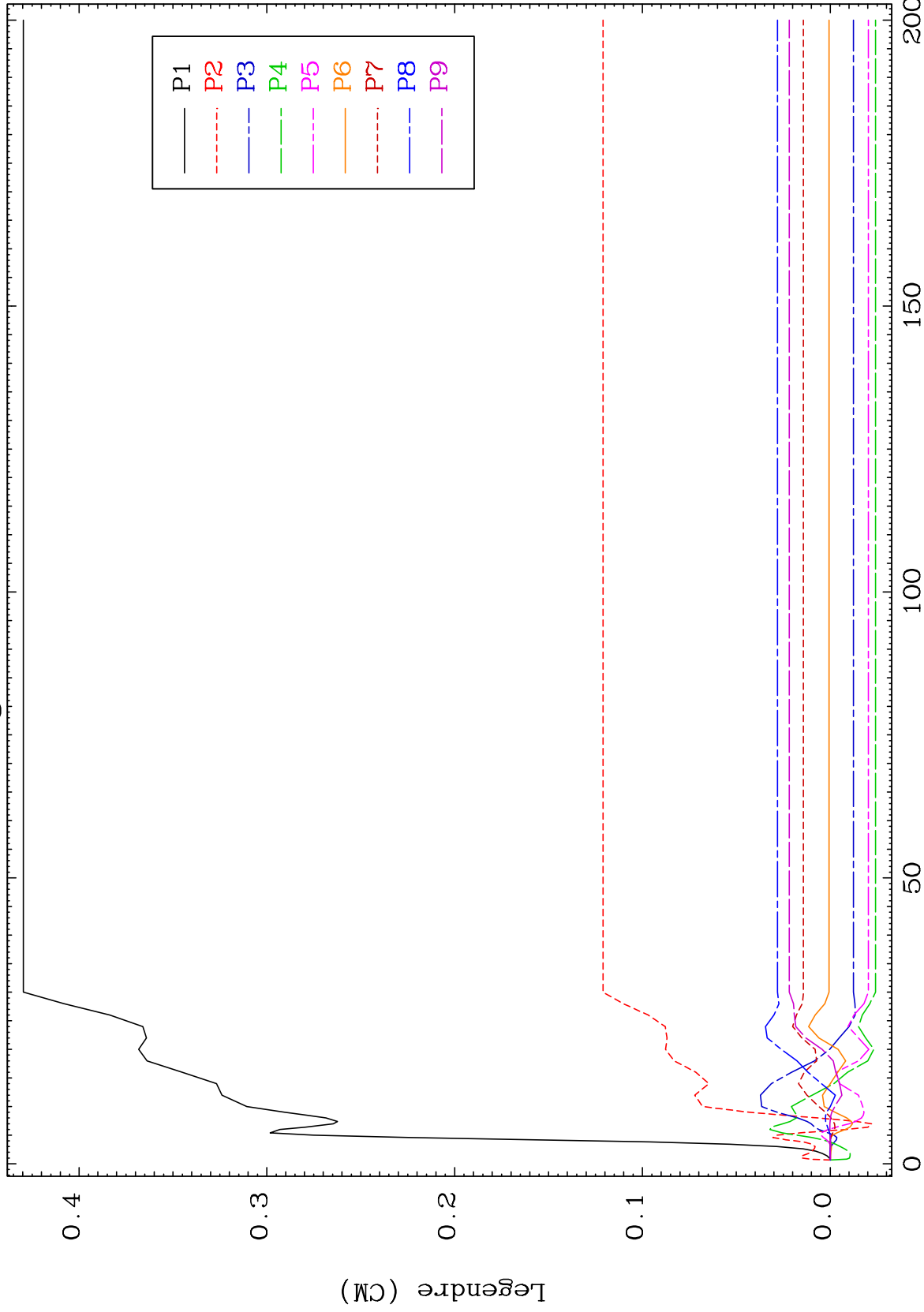
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



28

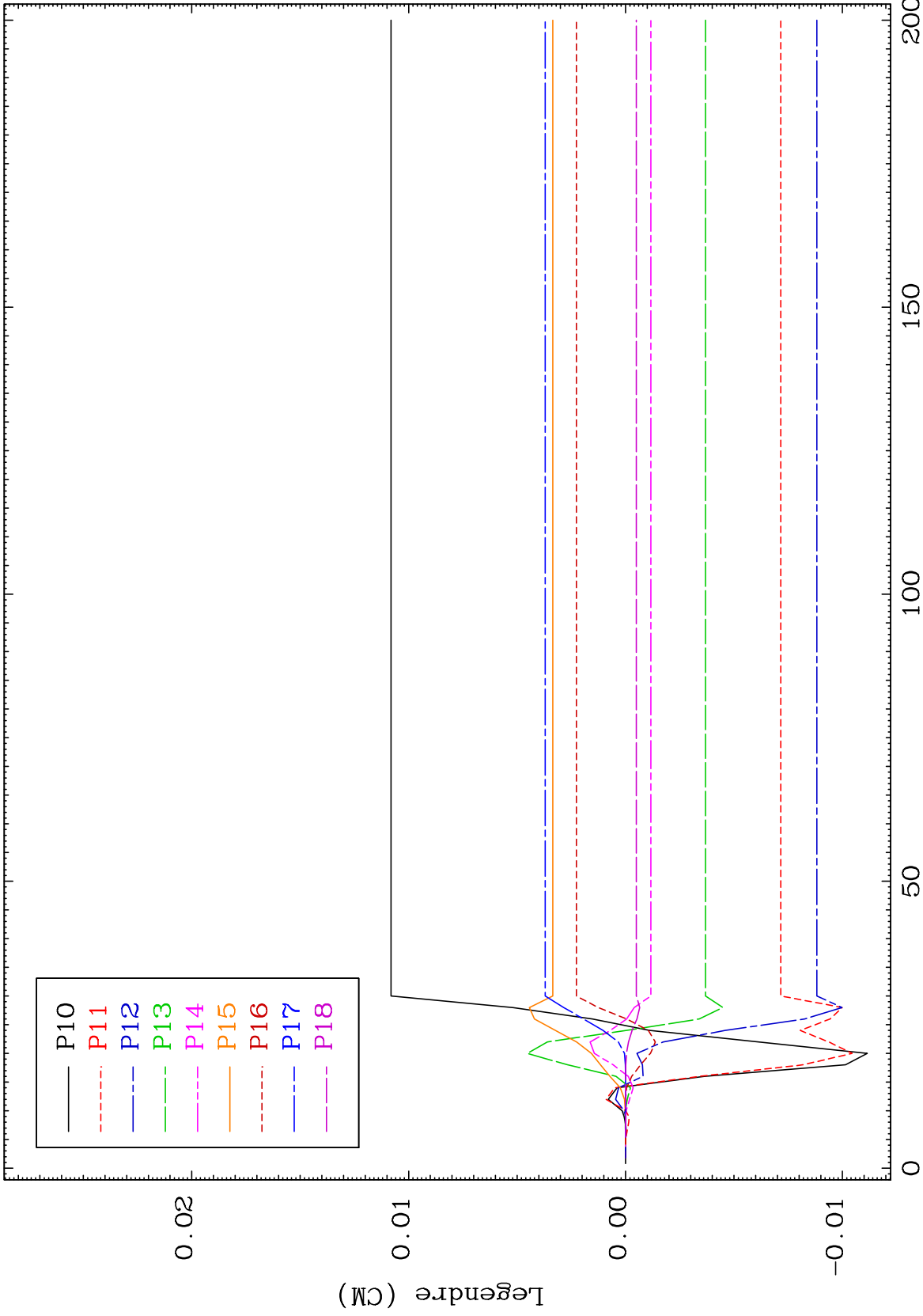
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



29

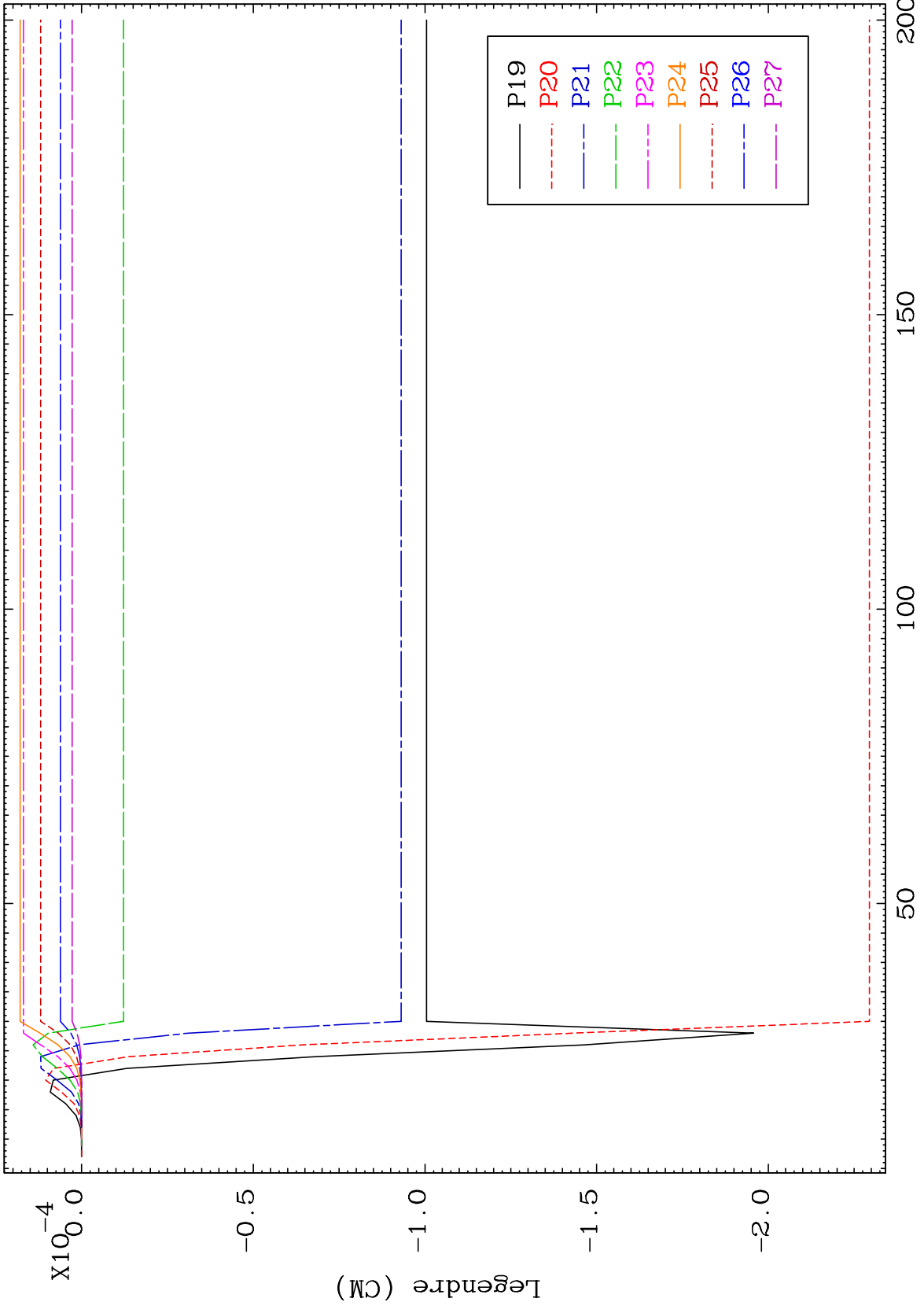
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



66-Dy-158

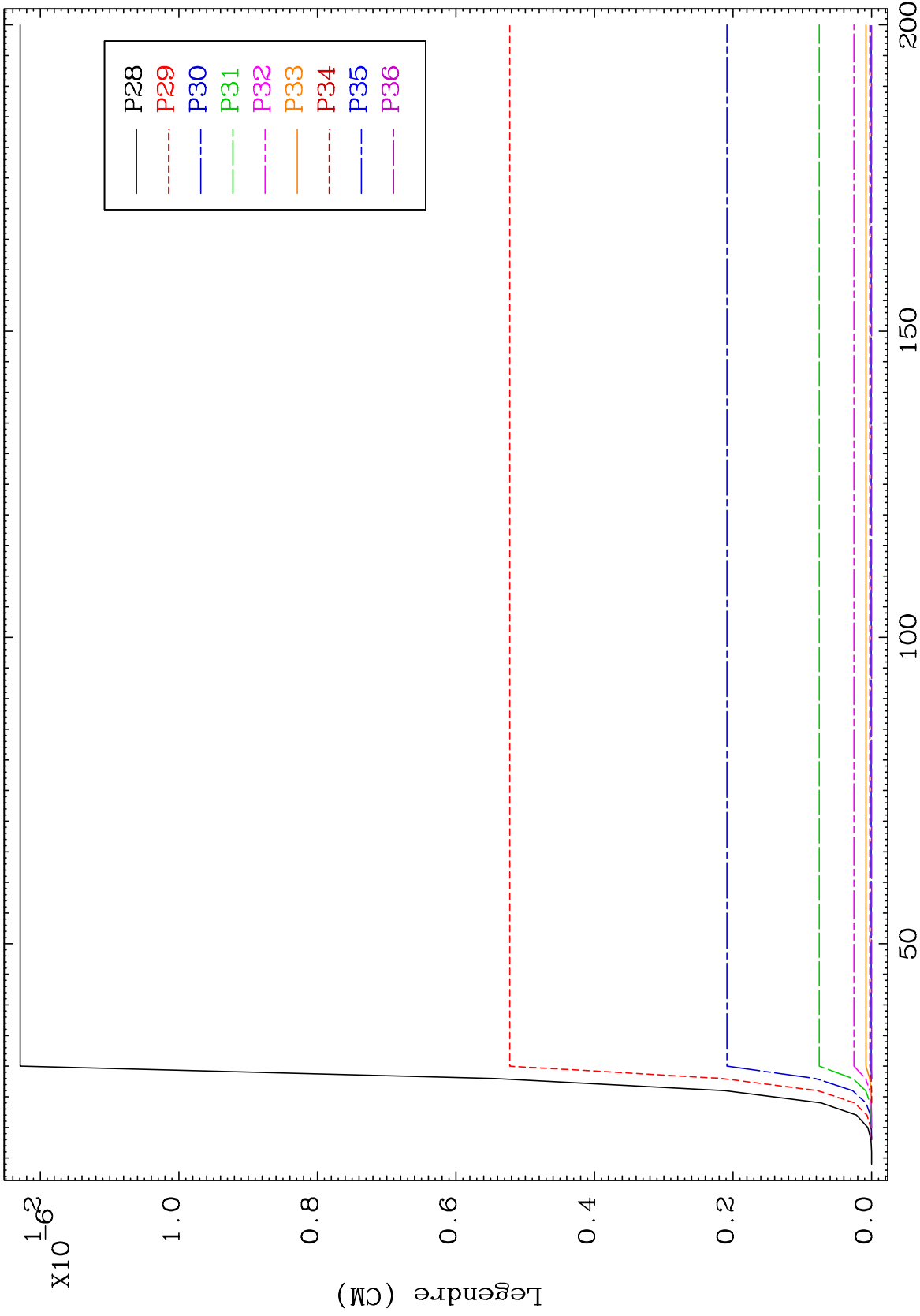
Incident Energy (MeV)

30

MAT 6631

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

66-Dy-158



31

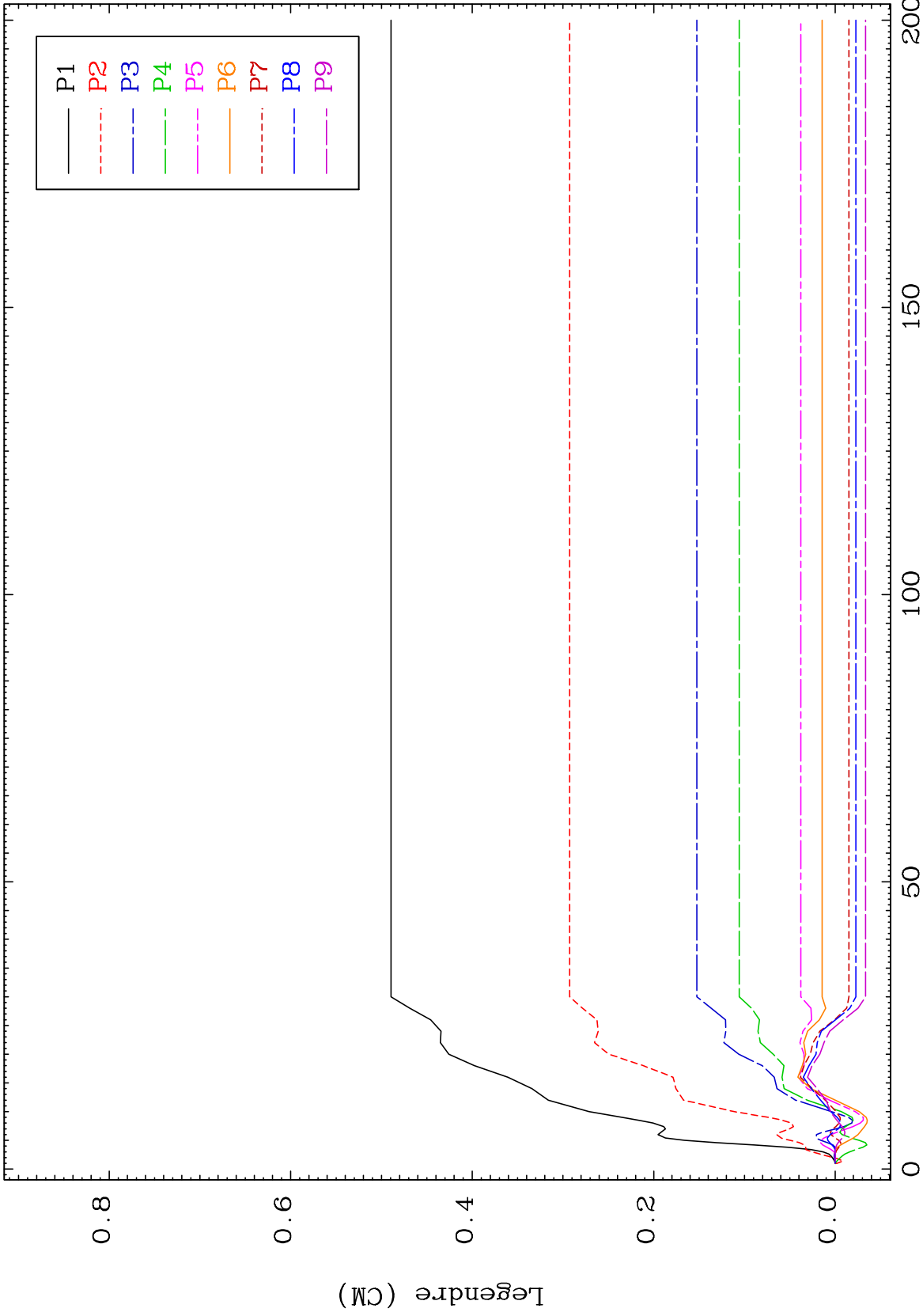
66-Dy-158



MAT 6631

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

66-Dy-158



32

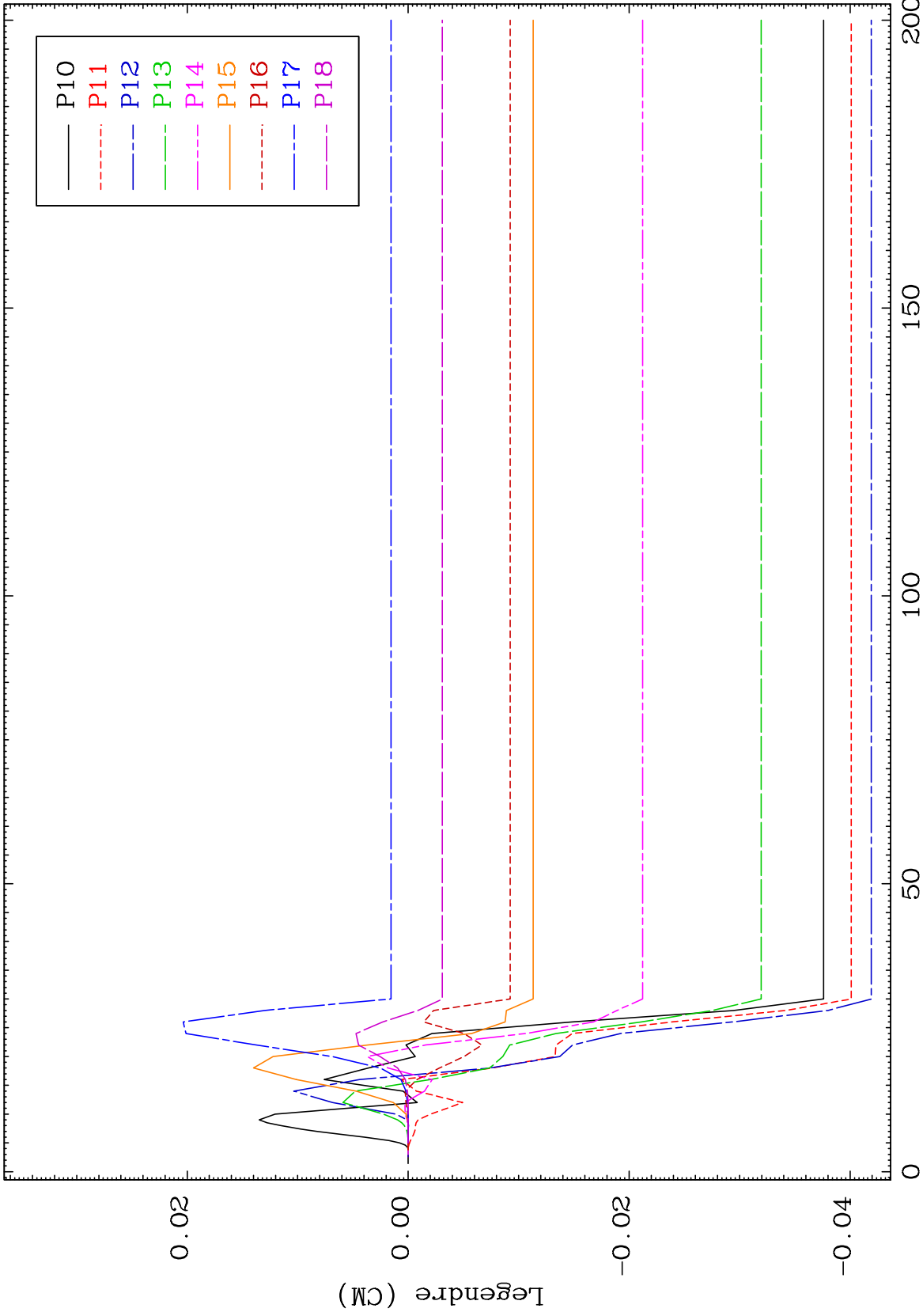
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



33

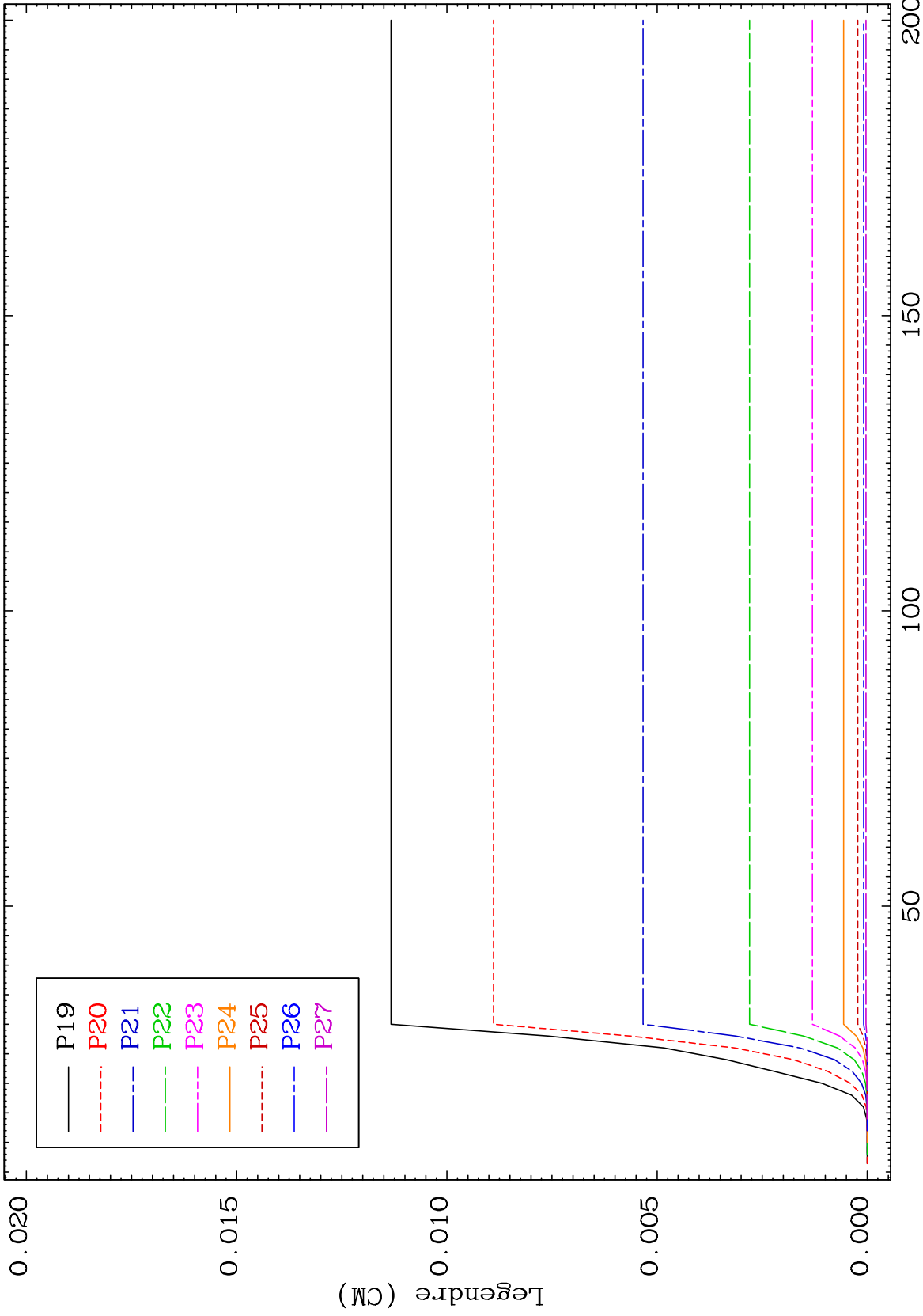
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



34

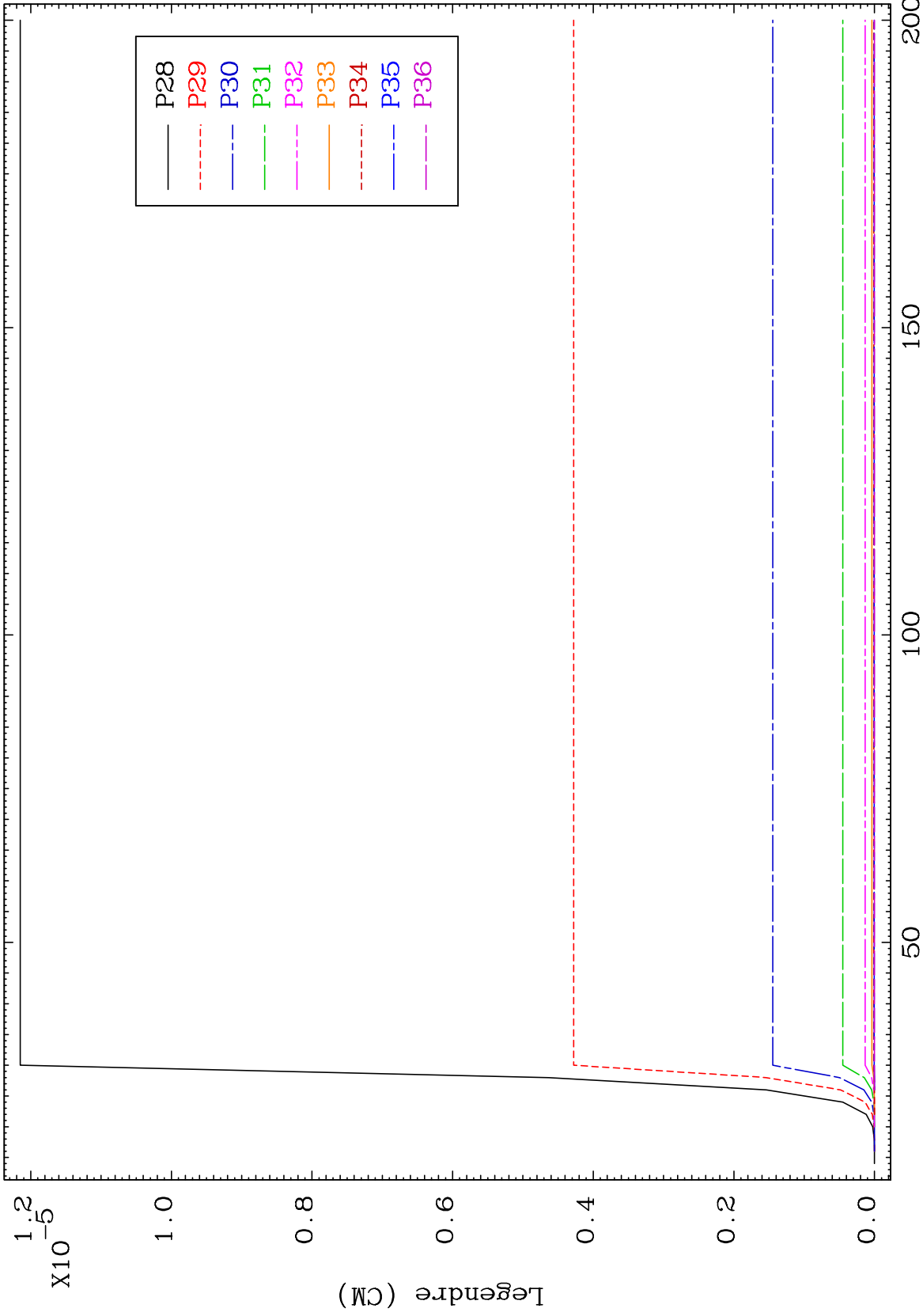
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



35

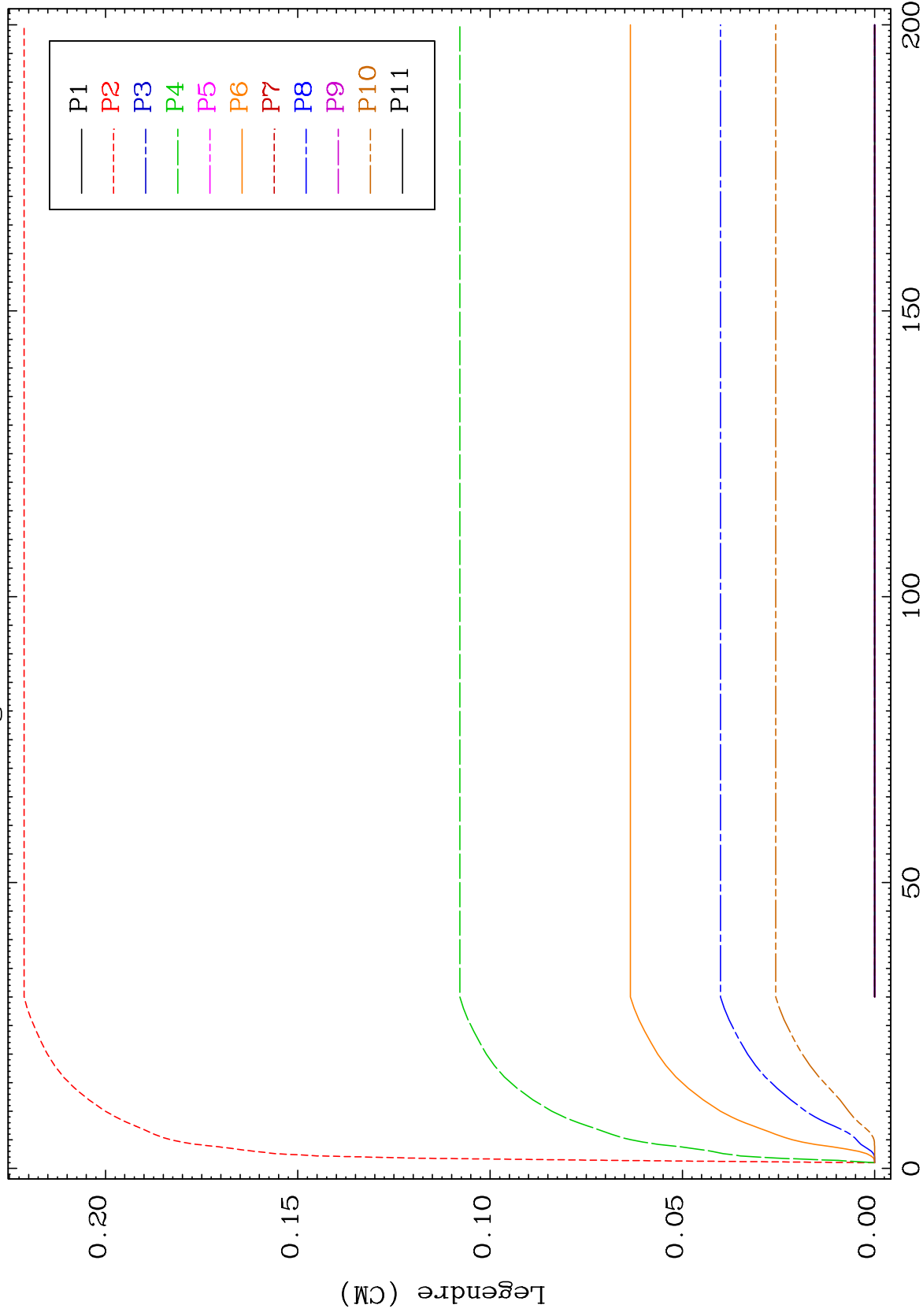
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



36

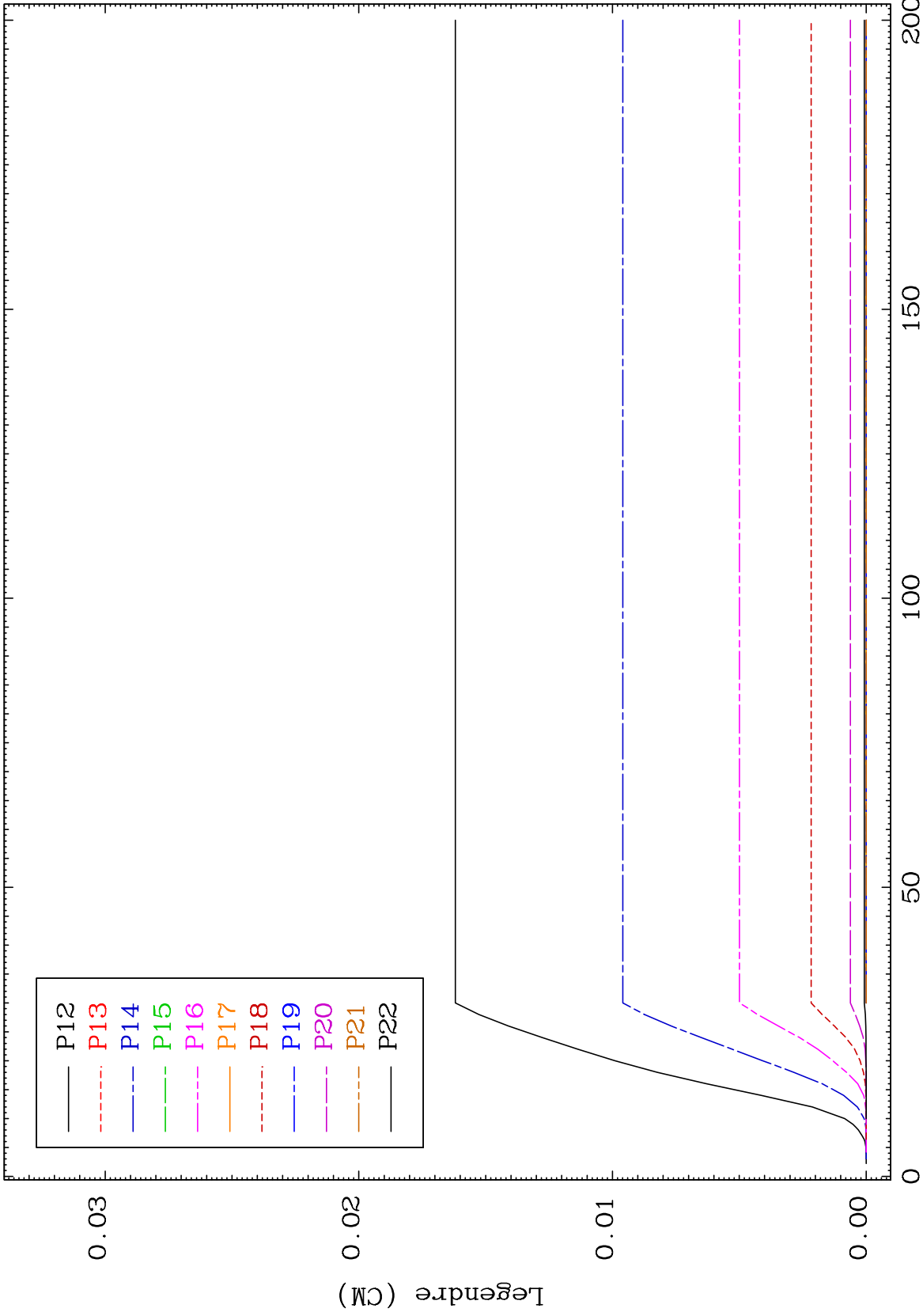
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



37

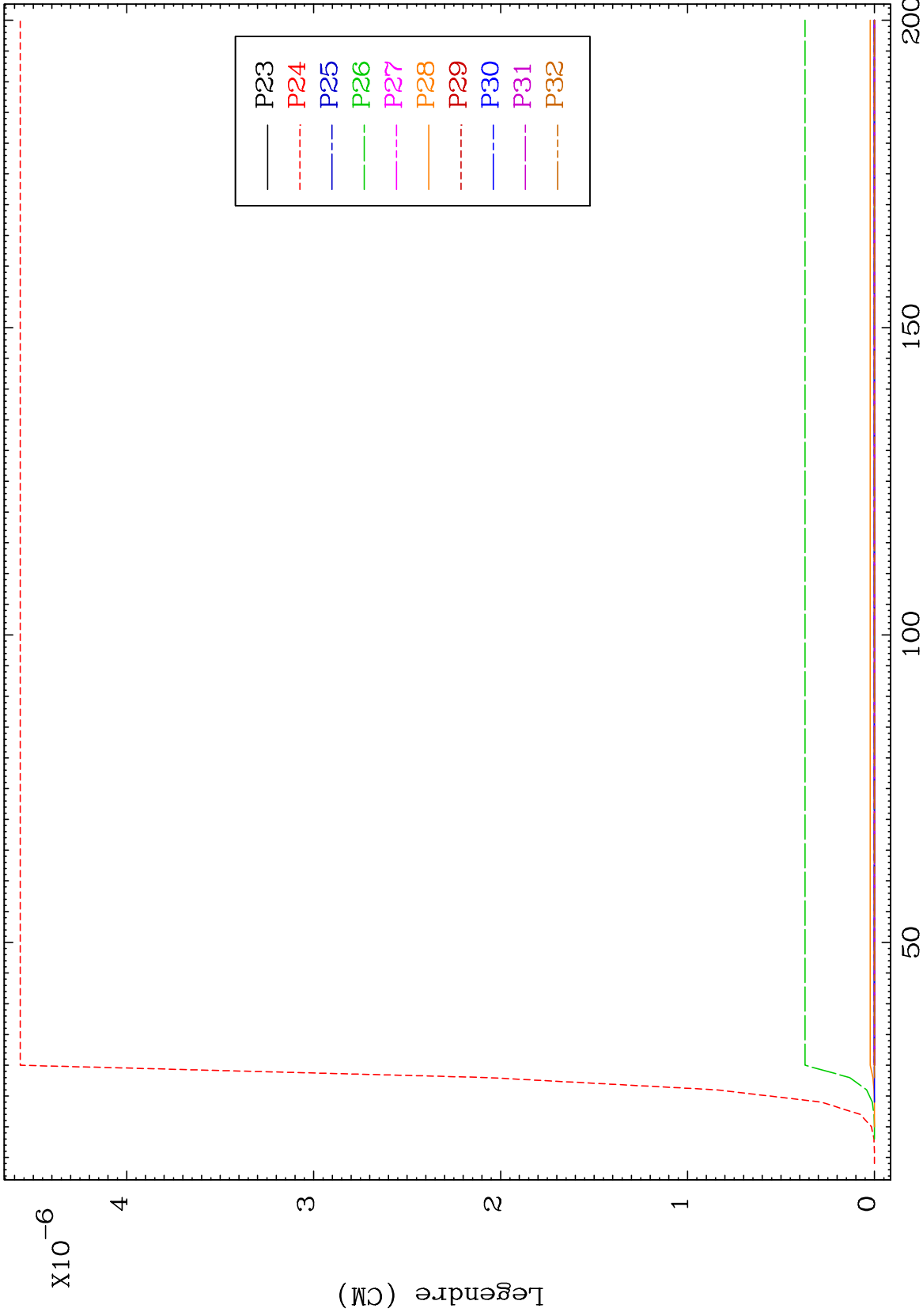
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



38

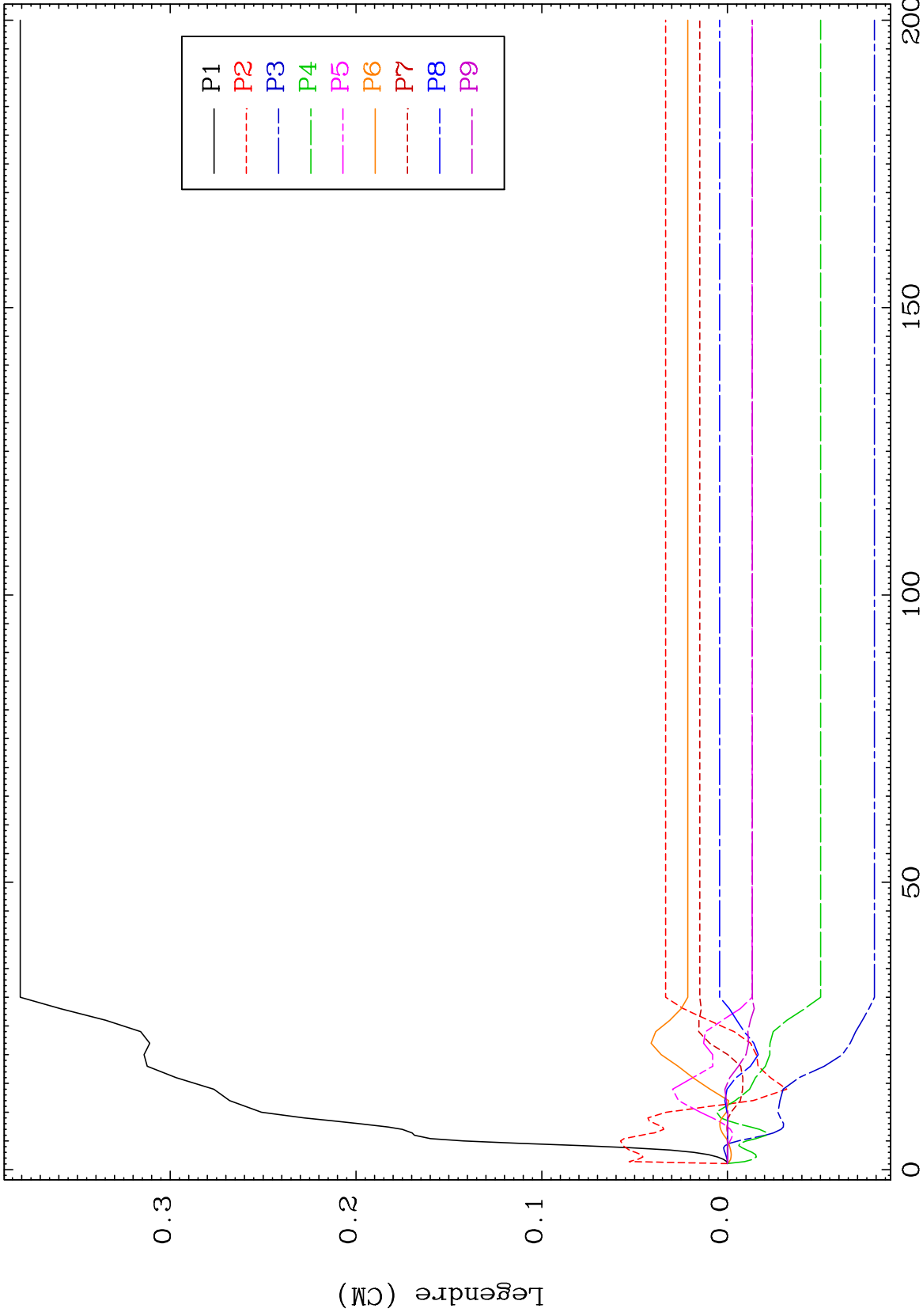
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



39

Incident Energy (MeV)

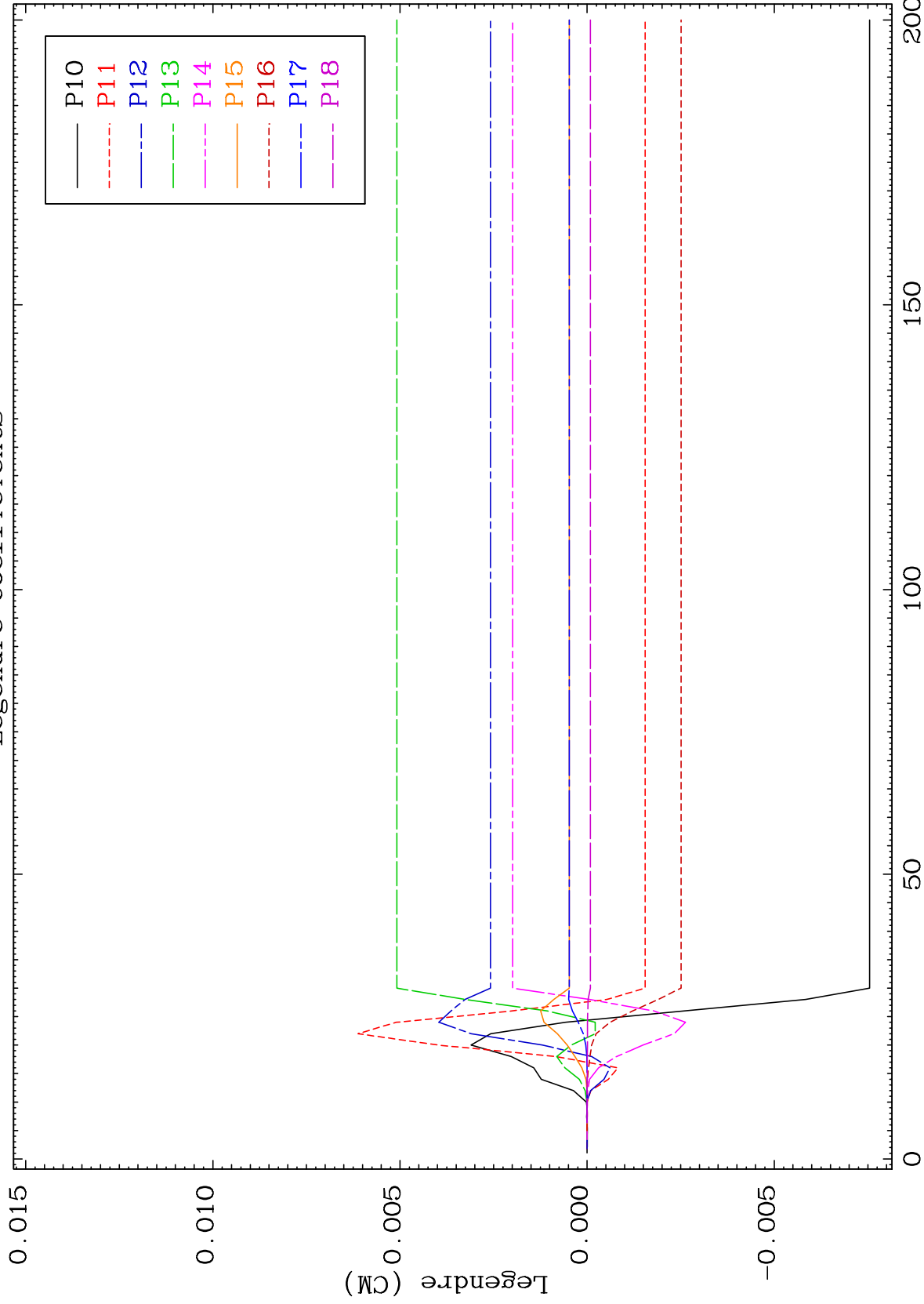
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MAT 6631

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

66-Dy-158



40

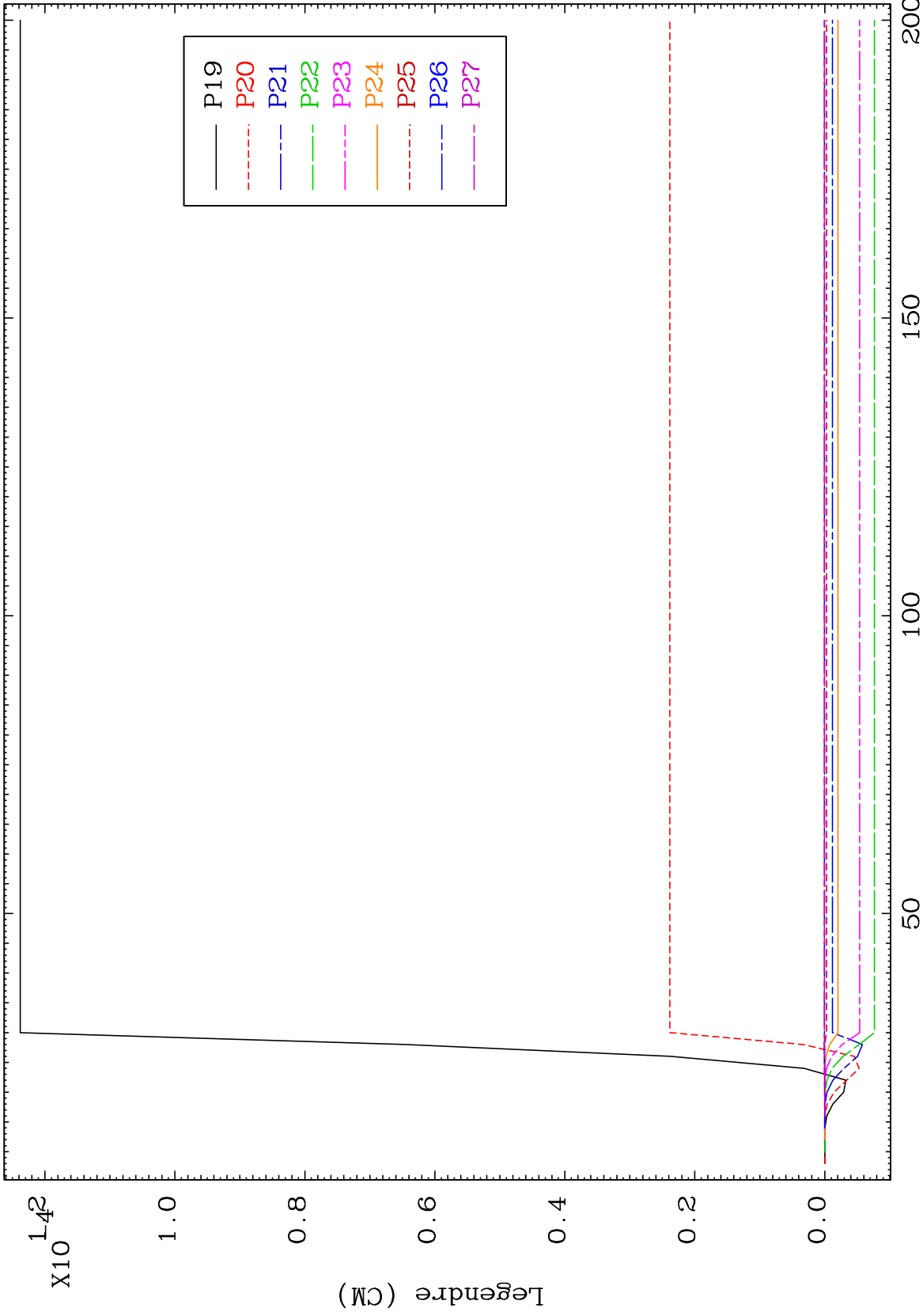
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



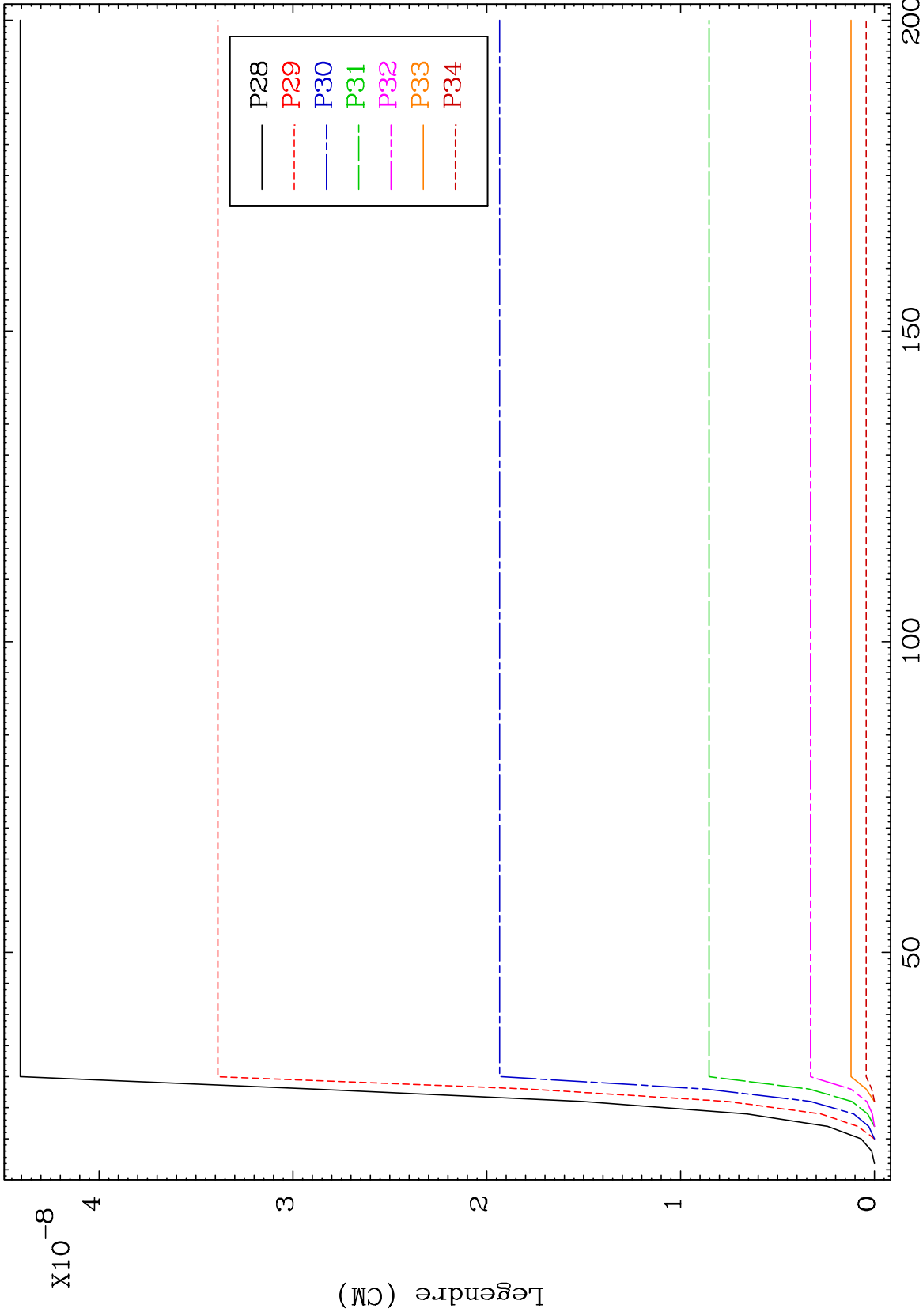
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66-Dy-158

MAT 6631

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

66-Dy-158



42

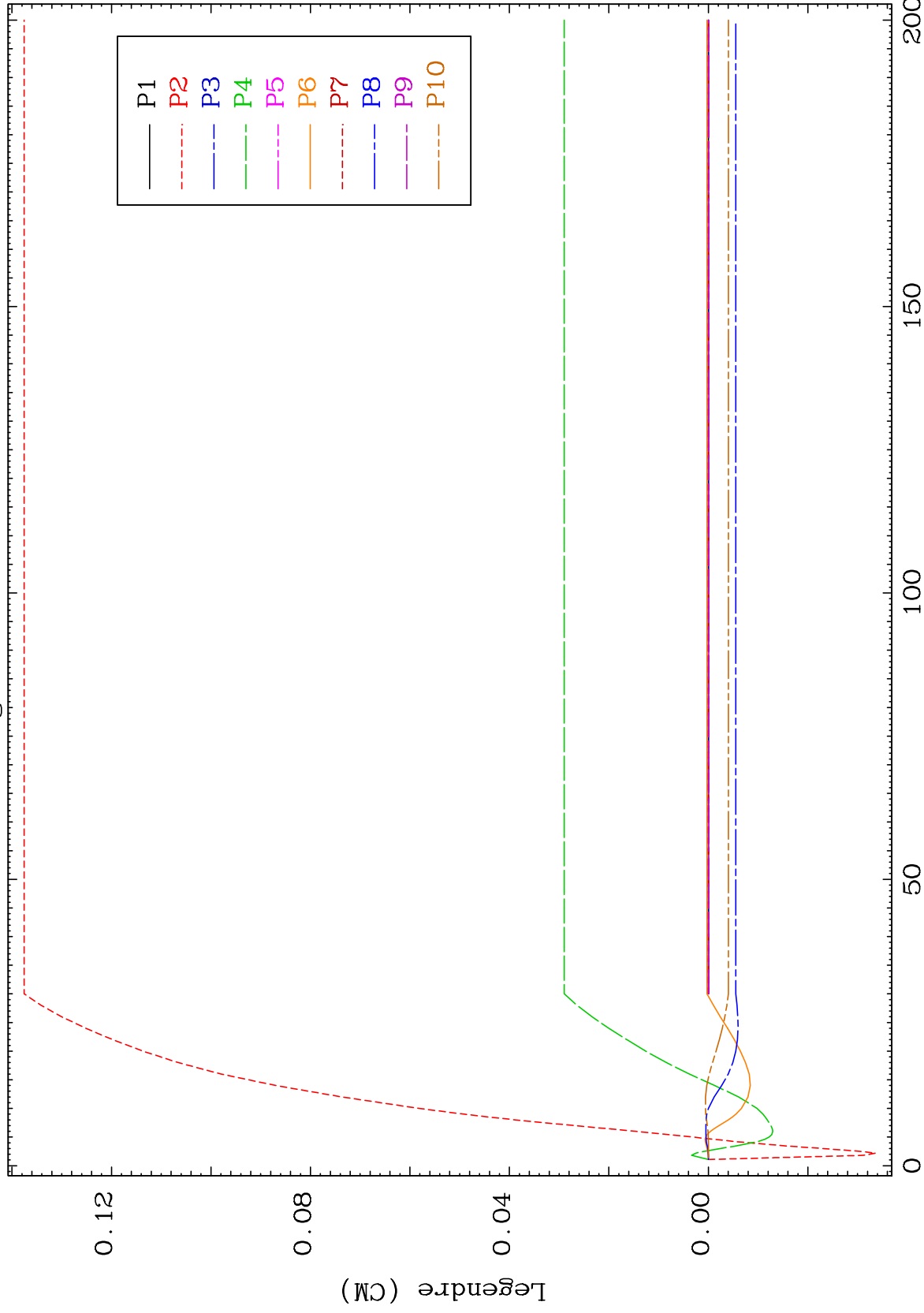
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



43

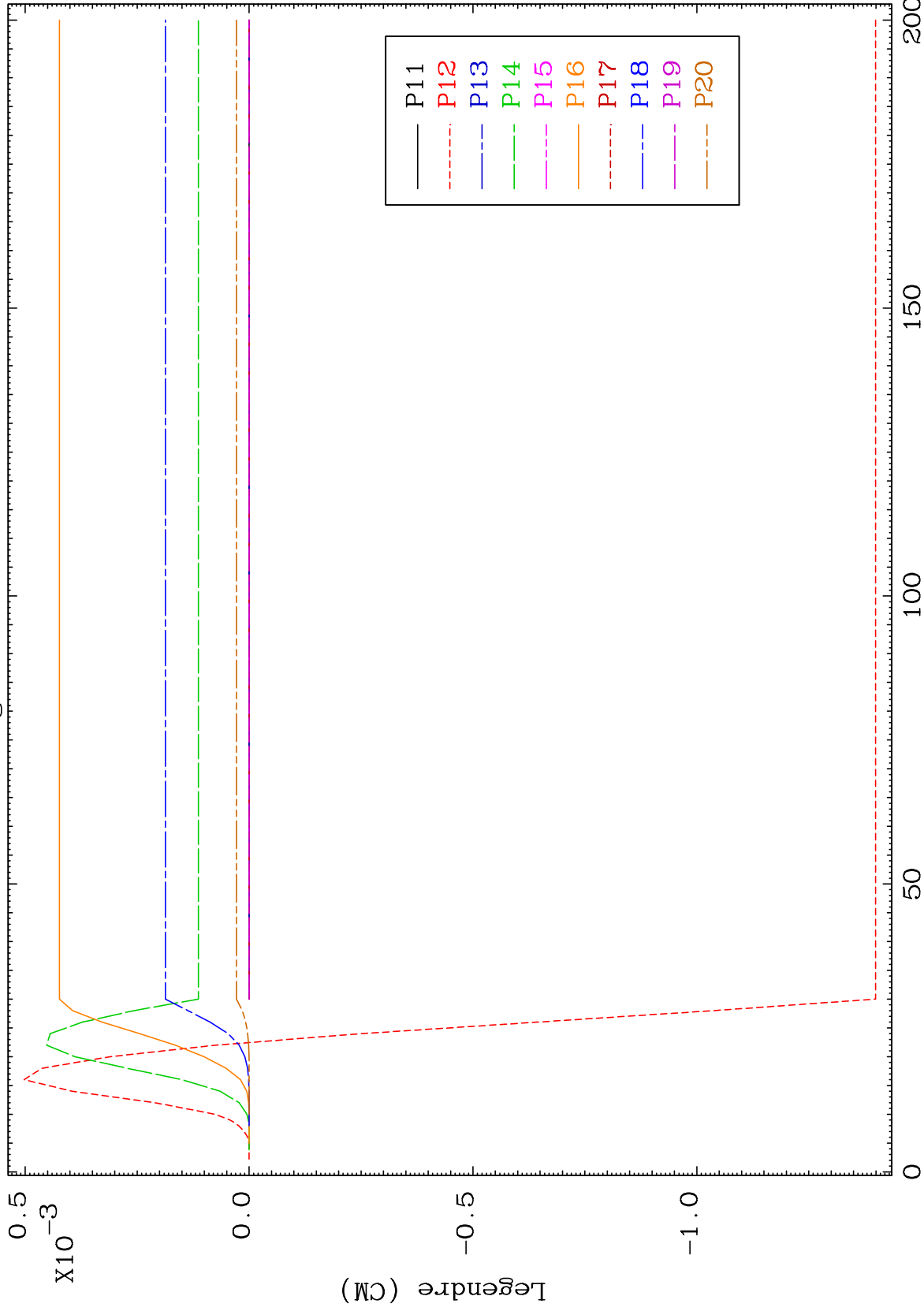
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



44

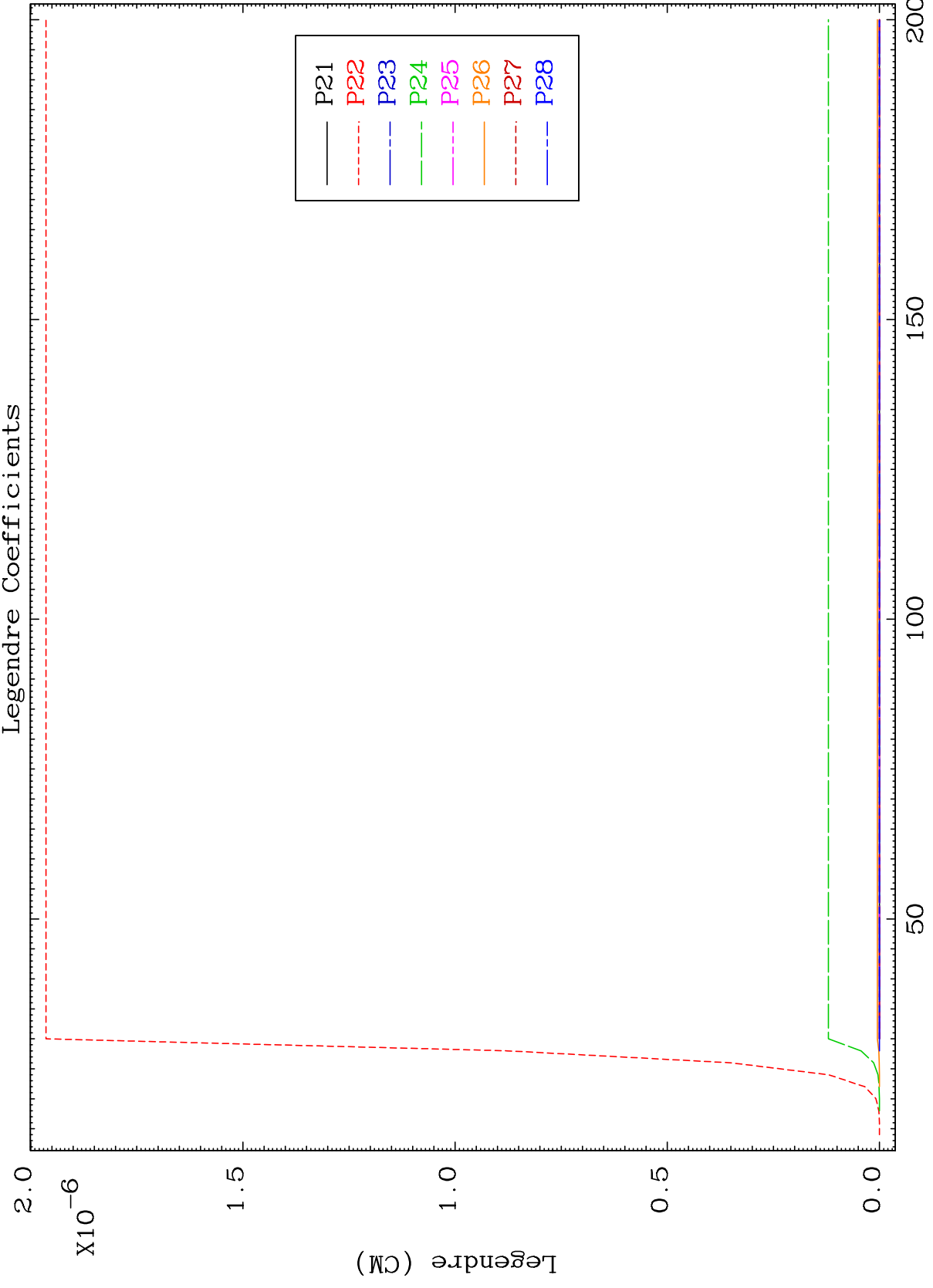
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



66-Dy-158

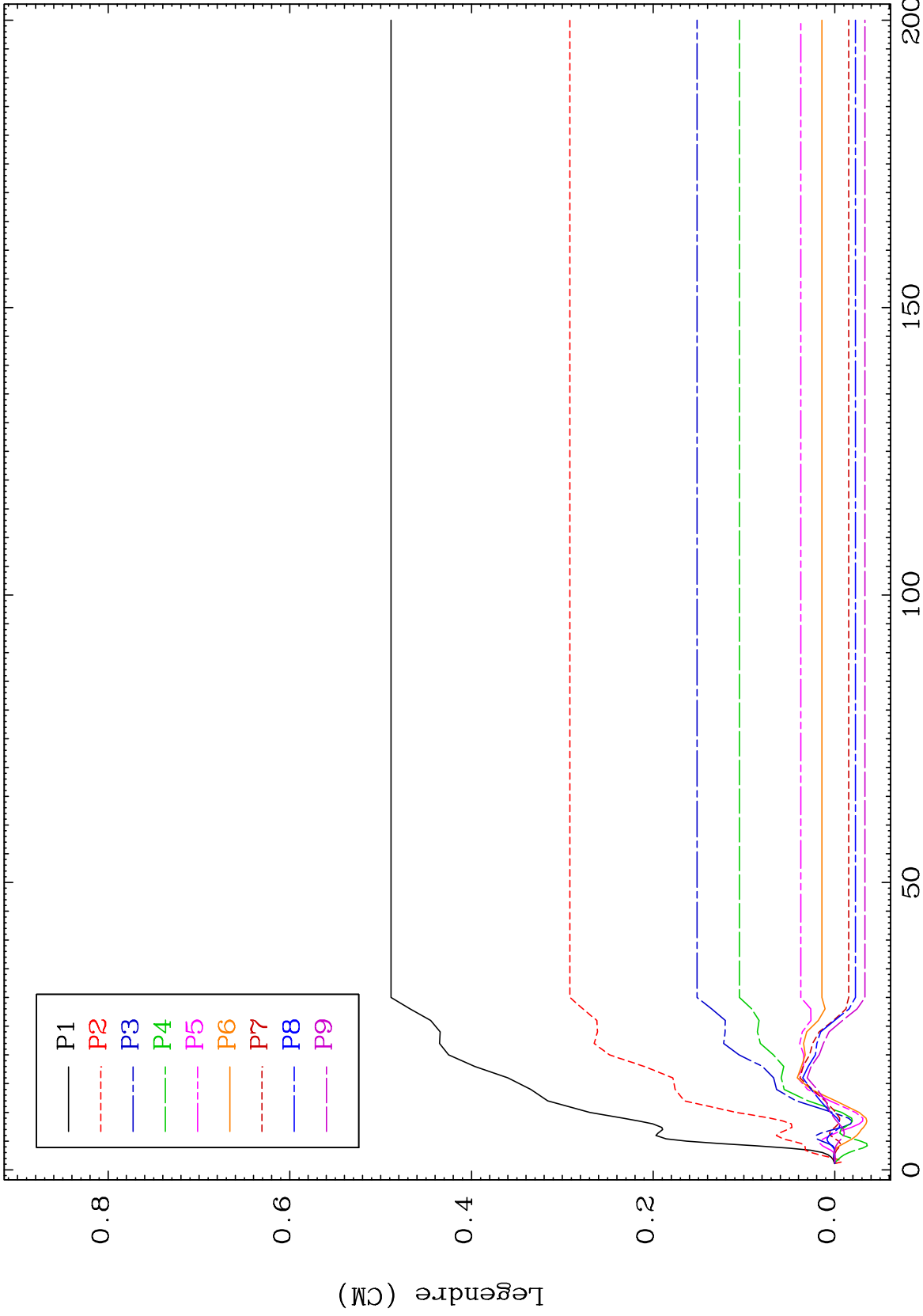
Incident Energy (MeV)

45

MAT 6631

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

66-Dy-158



46

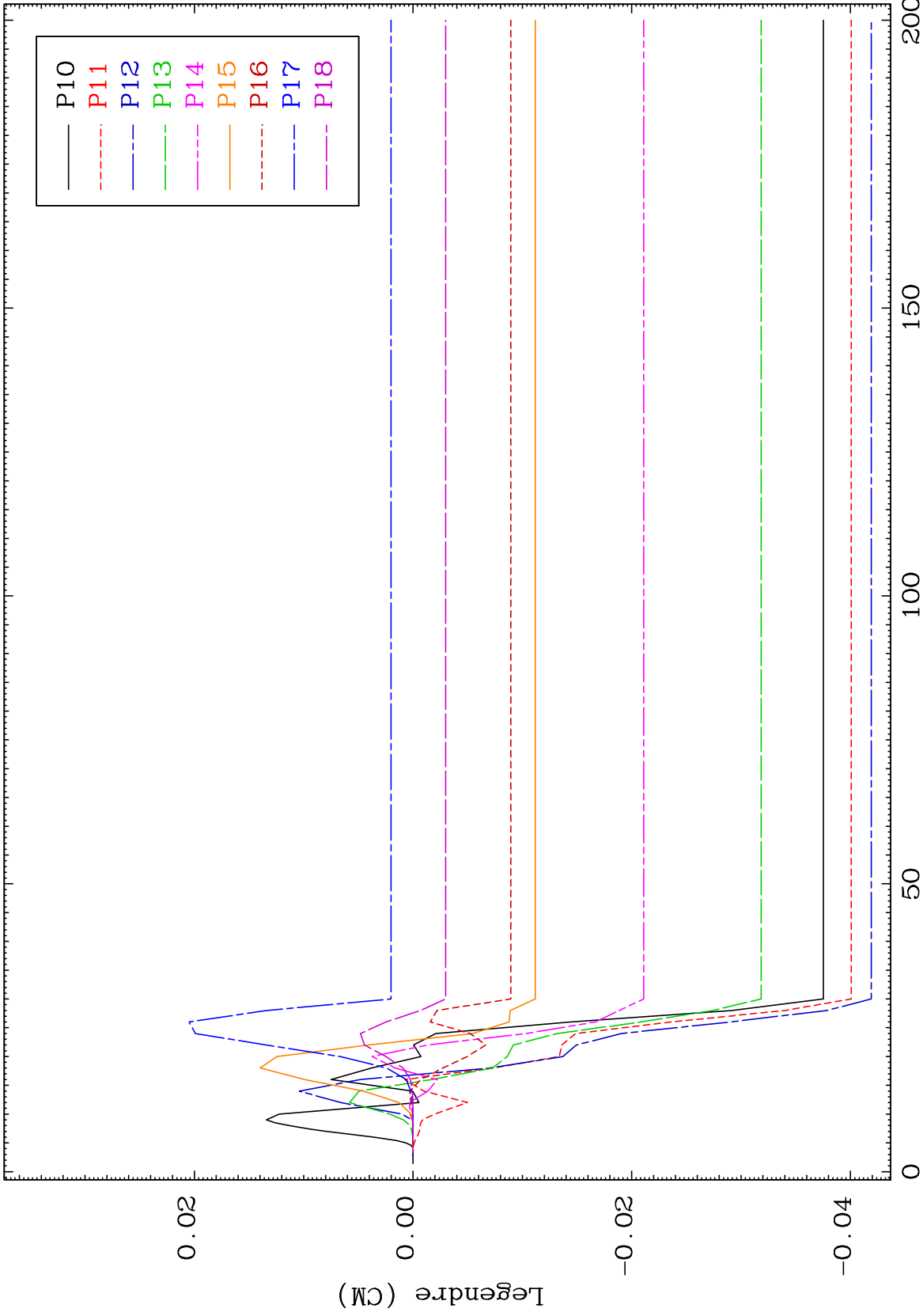
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



47

Incident Energy (MeV)

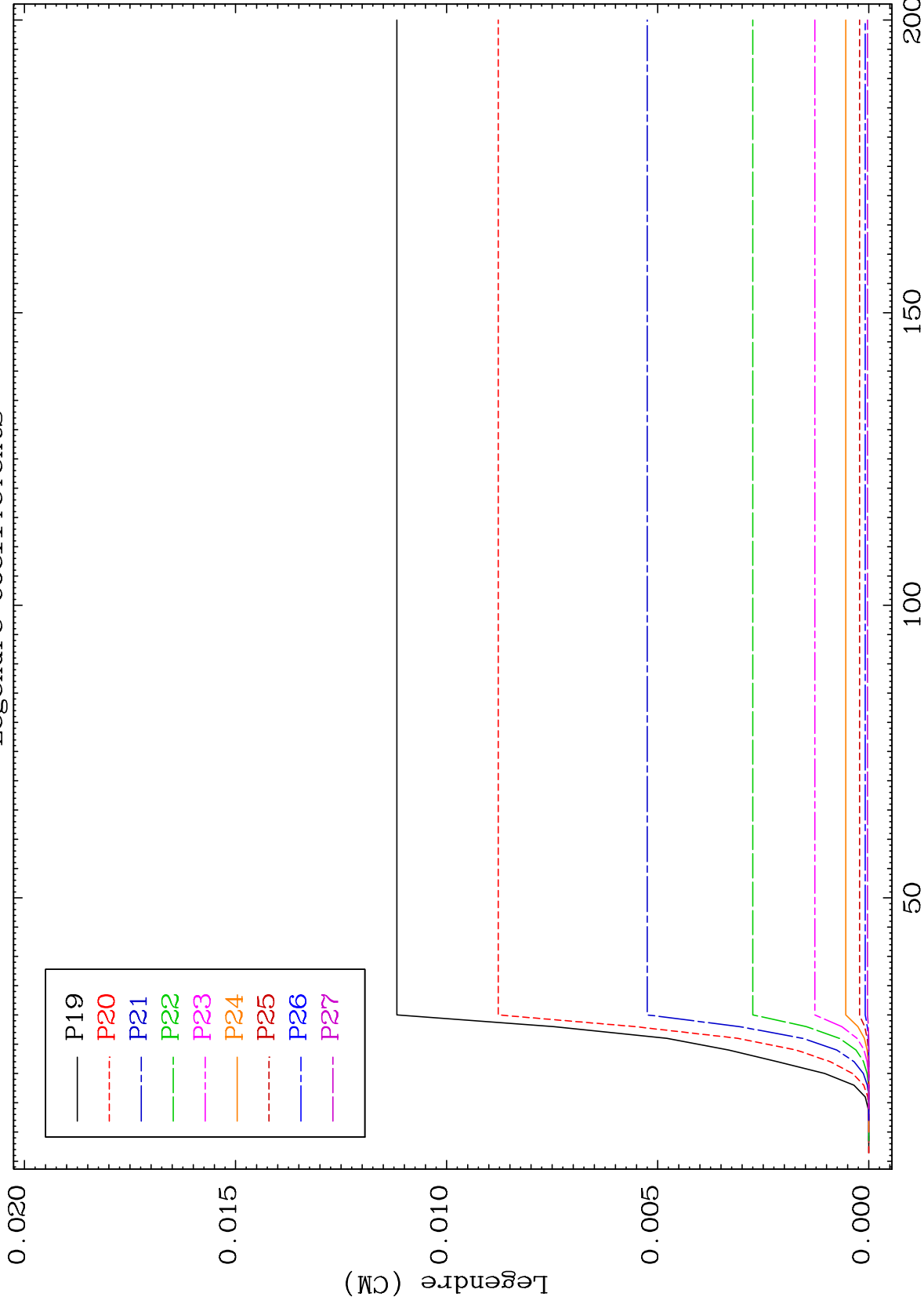
66-Dy-158



MAT 6631

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

66-Dy-158



48

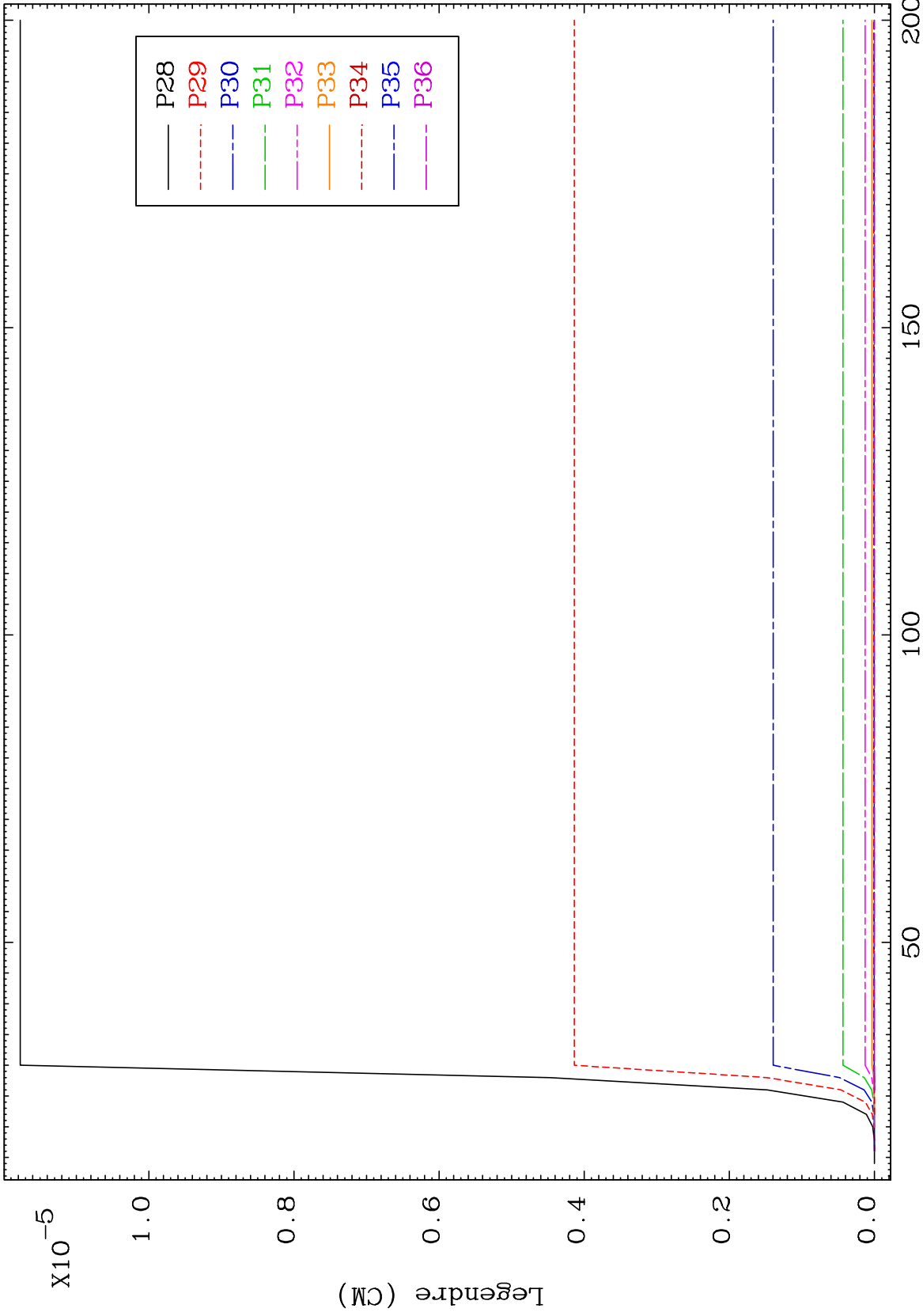
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



49

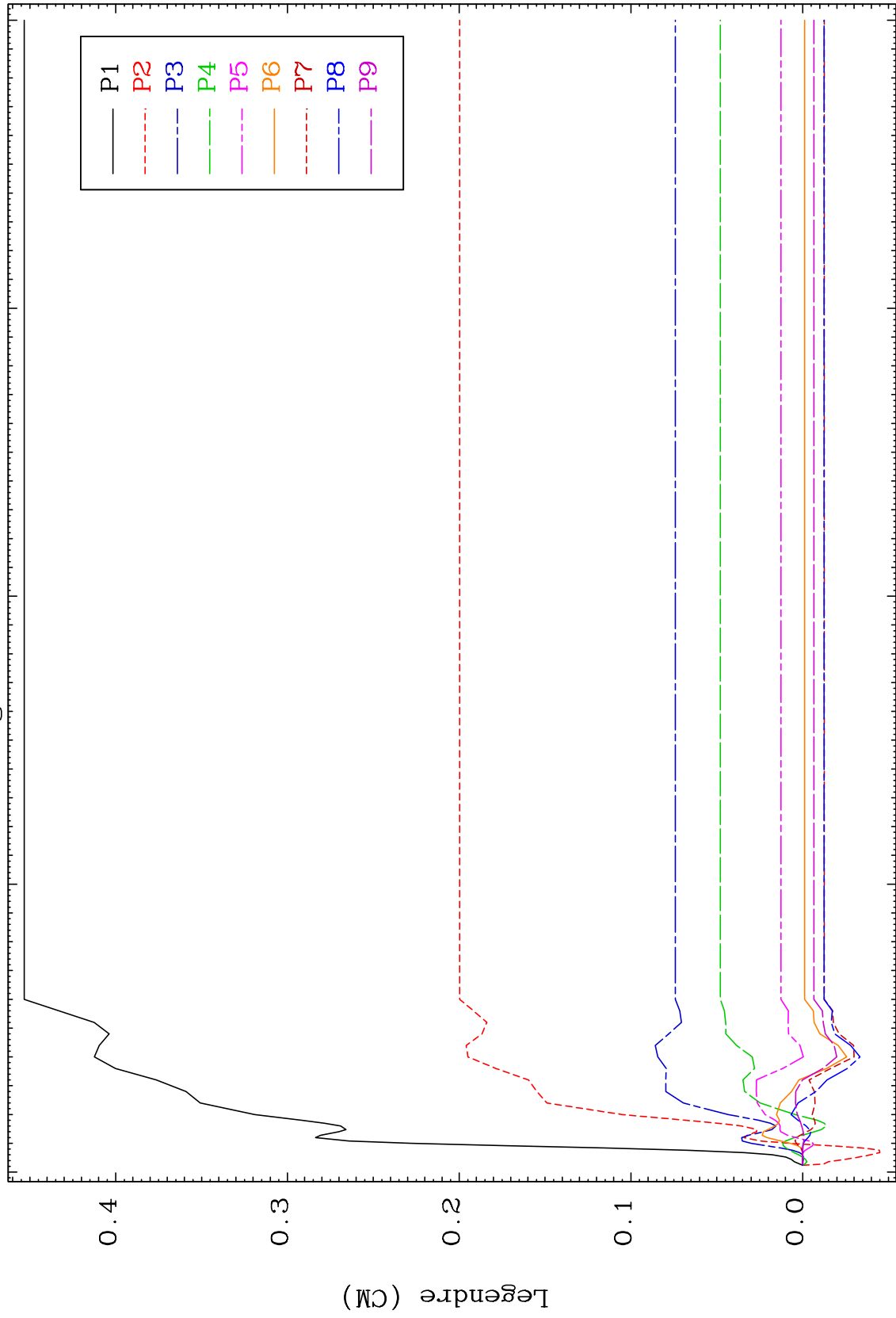
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



66-Dy-158

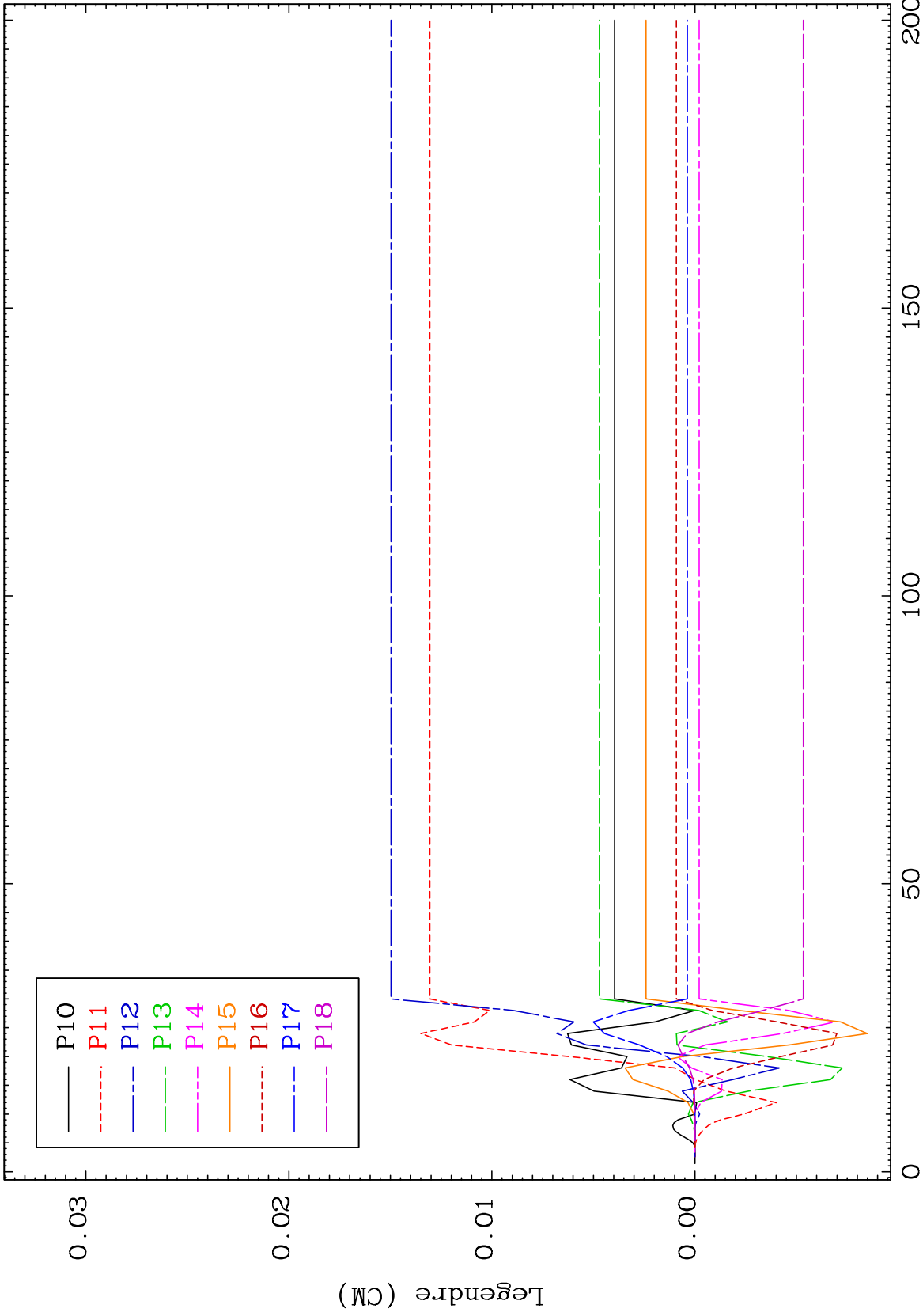
Incident Energy (MeV)

50

MAT 6631

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

66-Dy-158



51

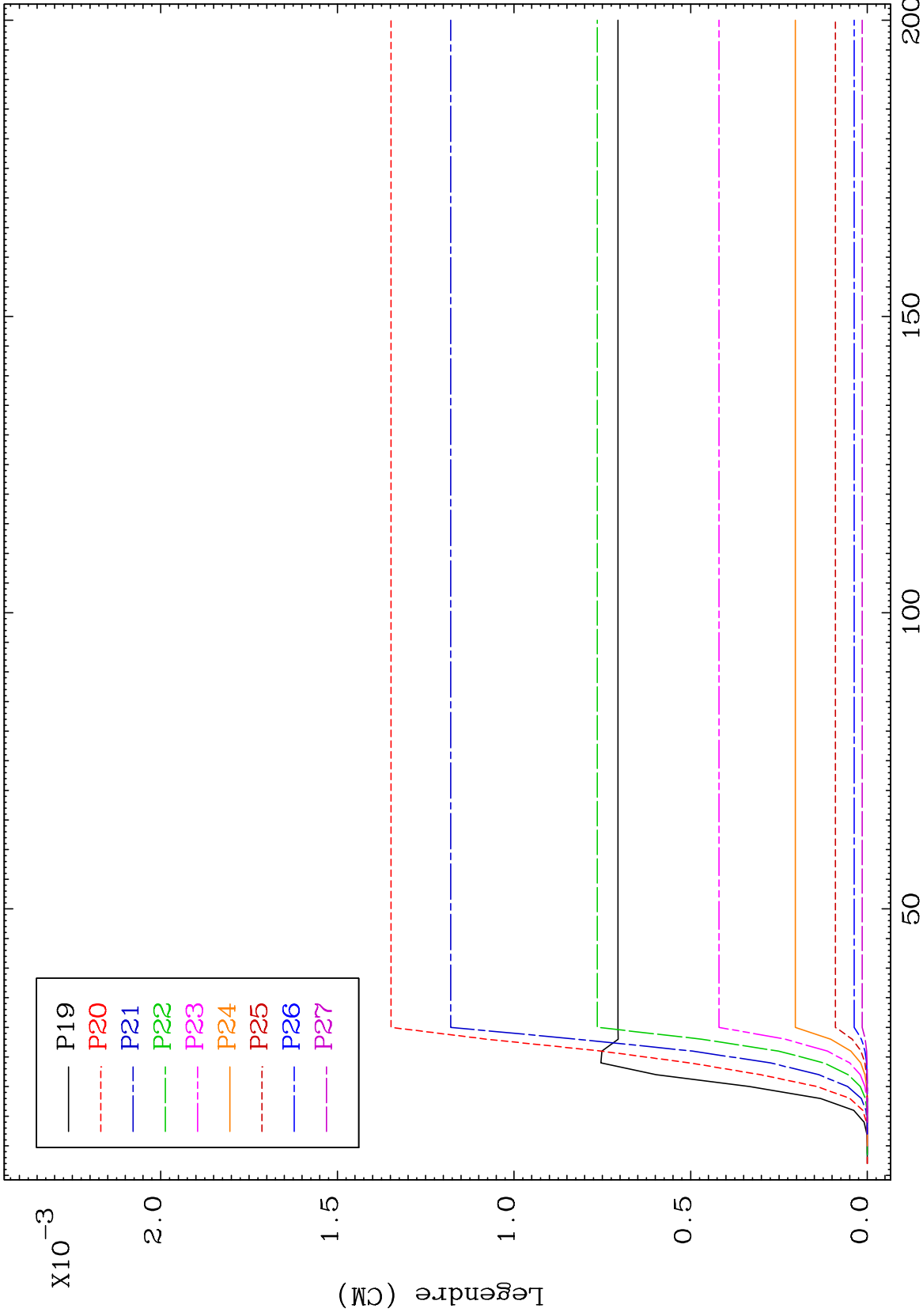
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



52

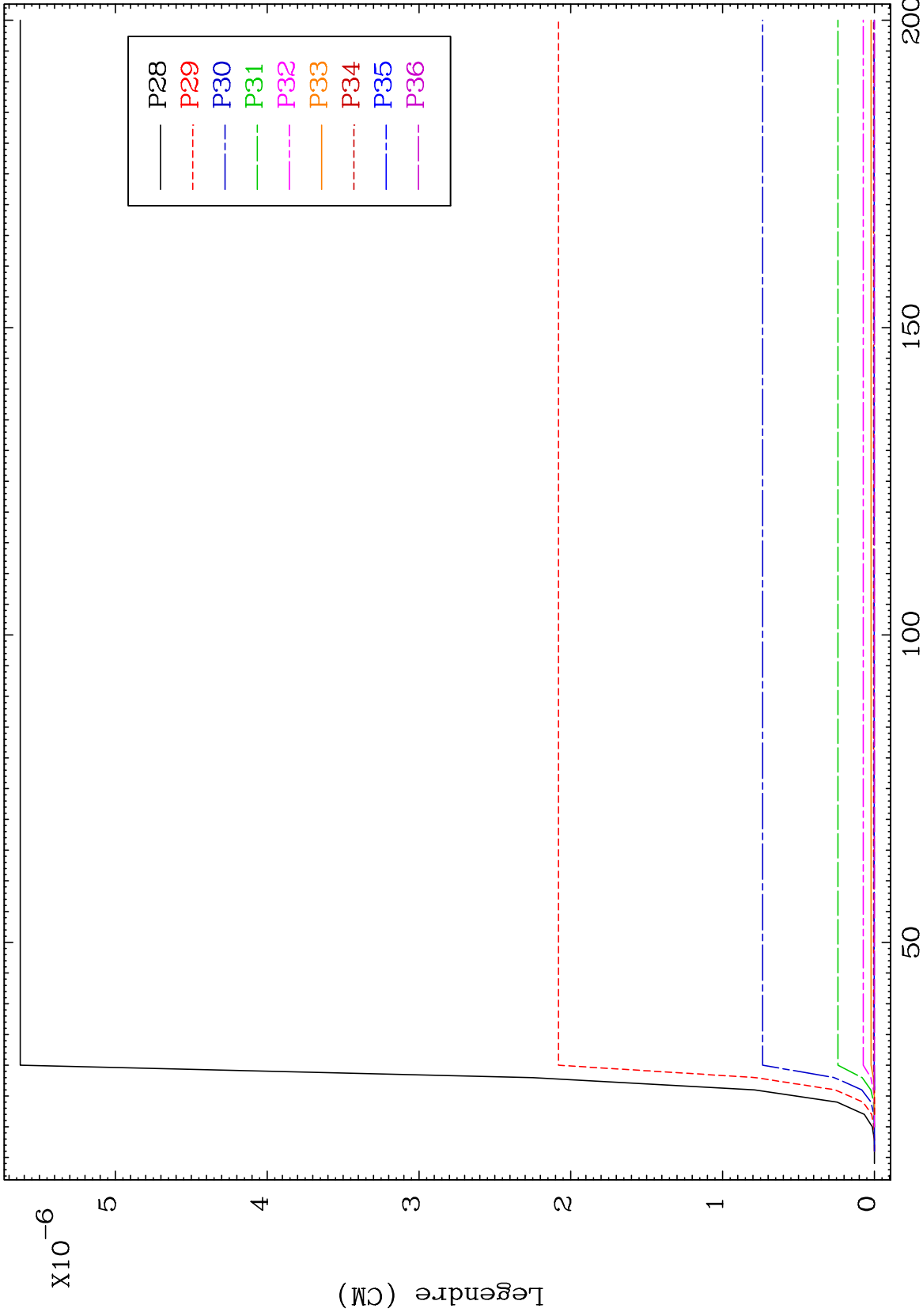
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



53

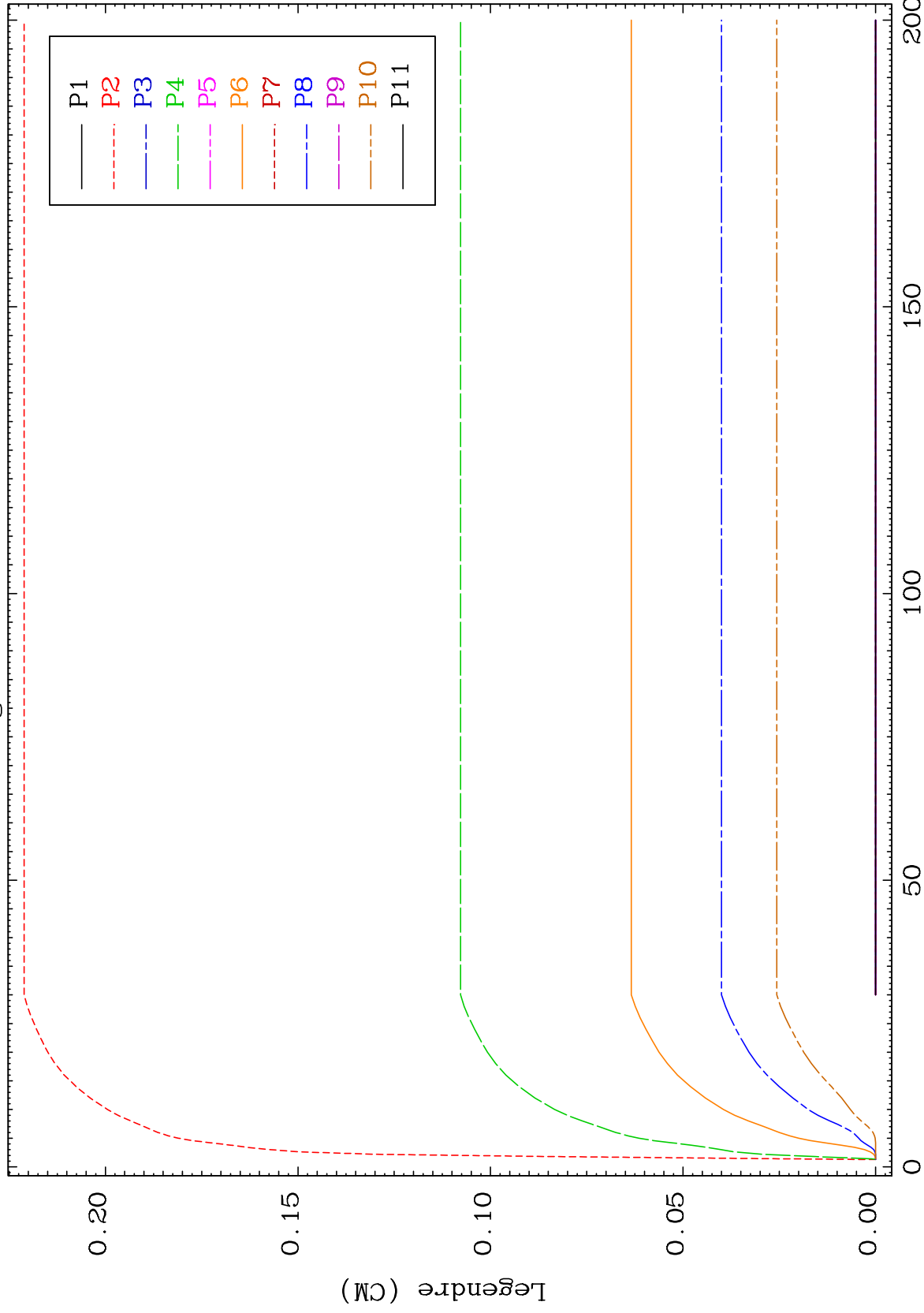
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



54

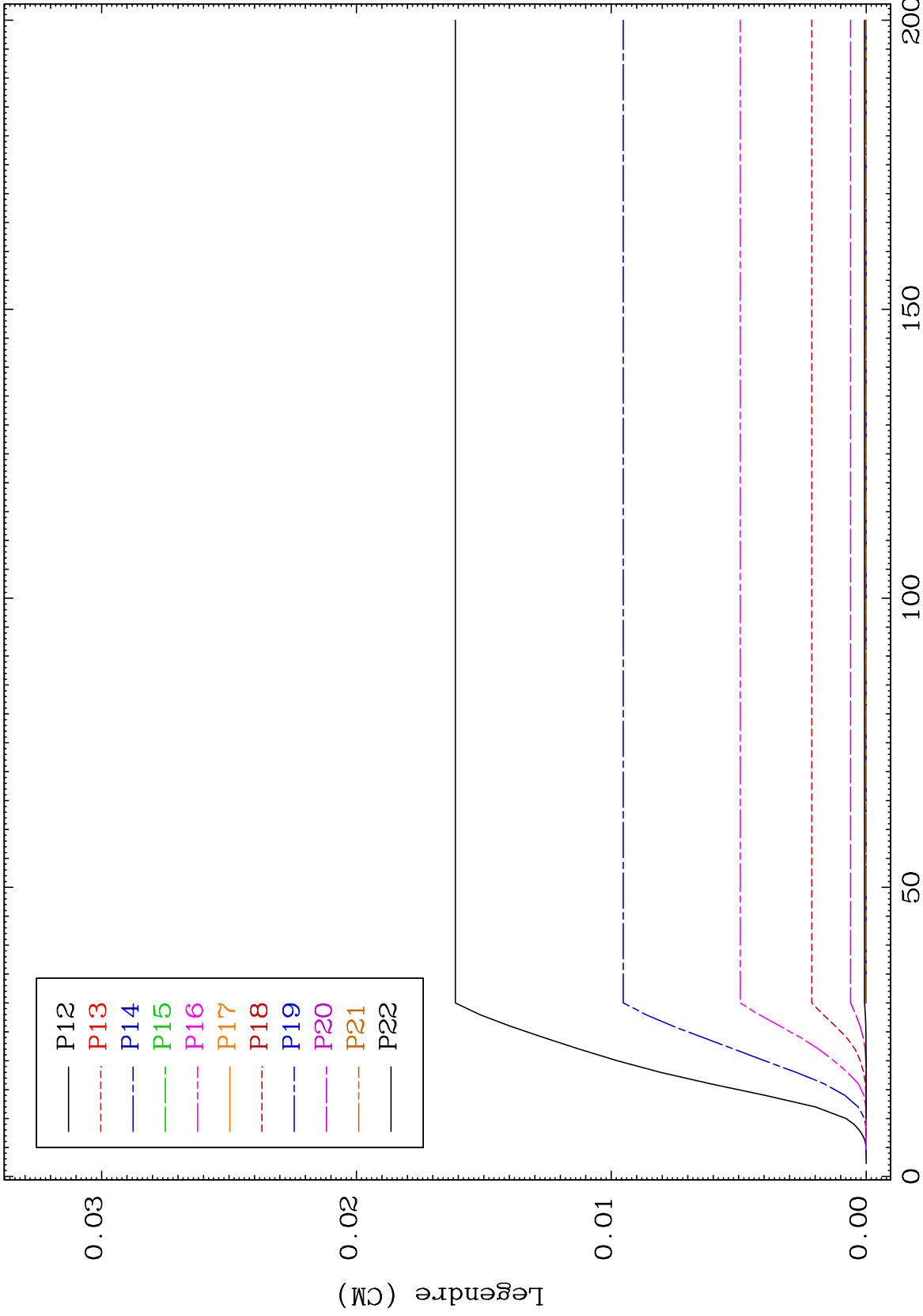
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



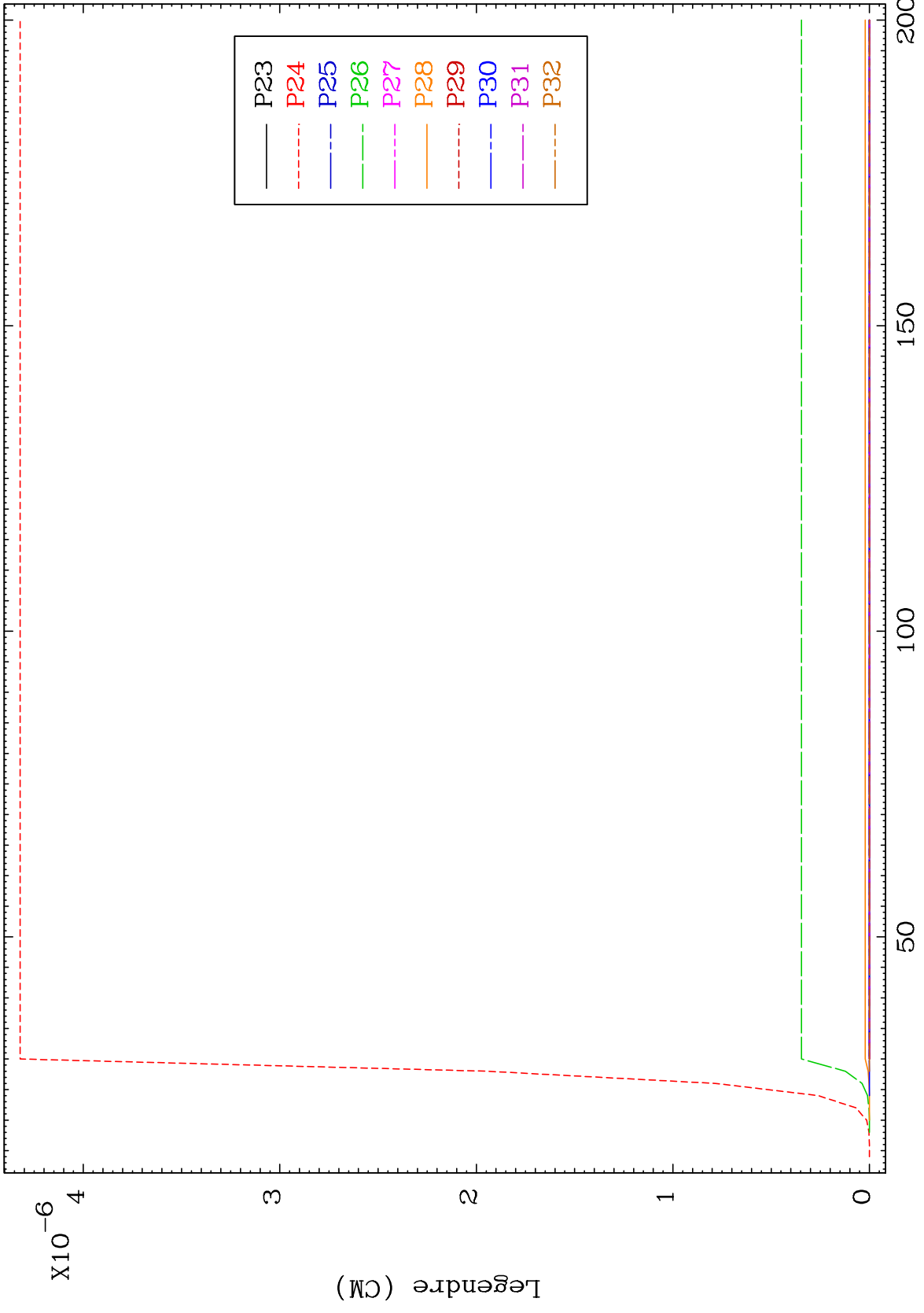
55

Incident Energy (MeV)

66-Dy-158



MAT 6631 MT= 60 (n,n') Level Legendre Coefficients 66-Dy-158

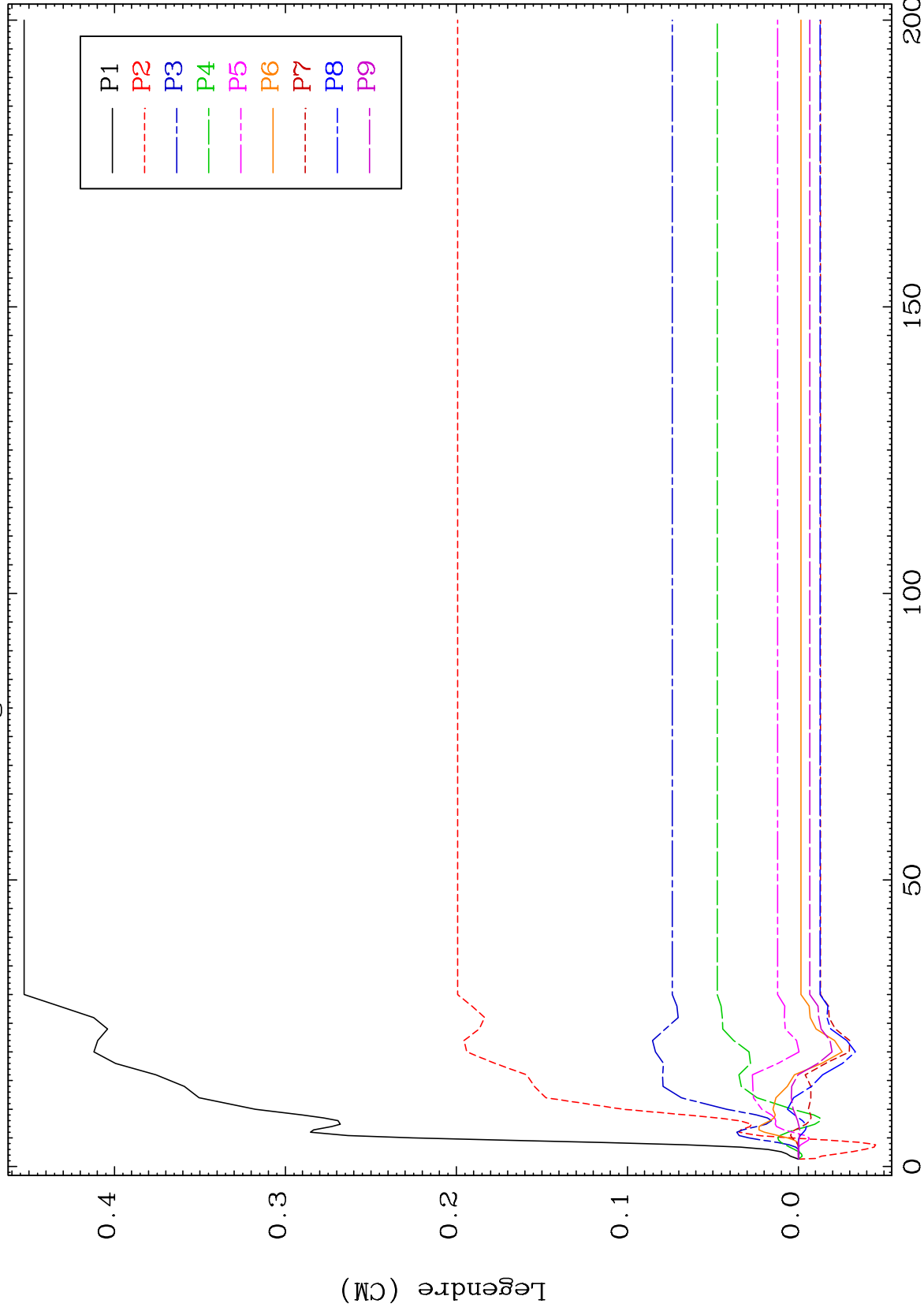


56 Incident Energy (MeV) 66-Dy-158

MAT 6631

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

66-Dy-158



57

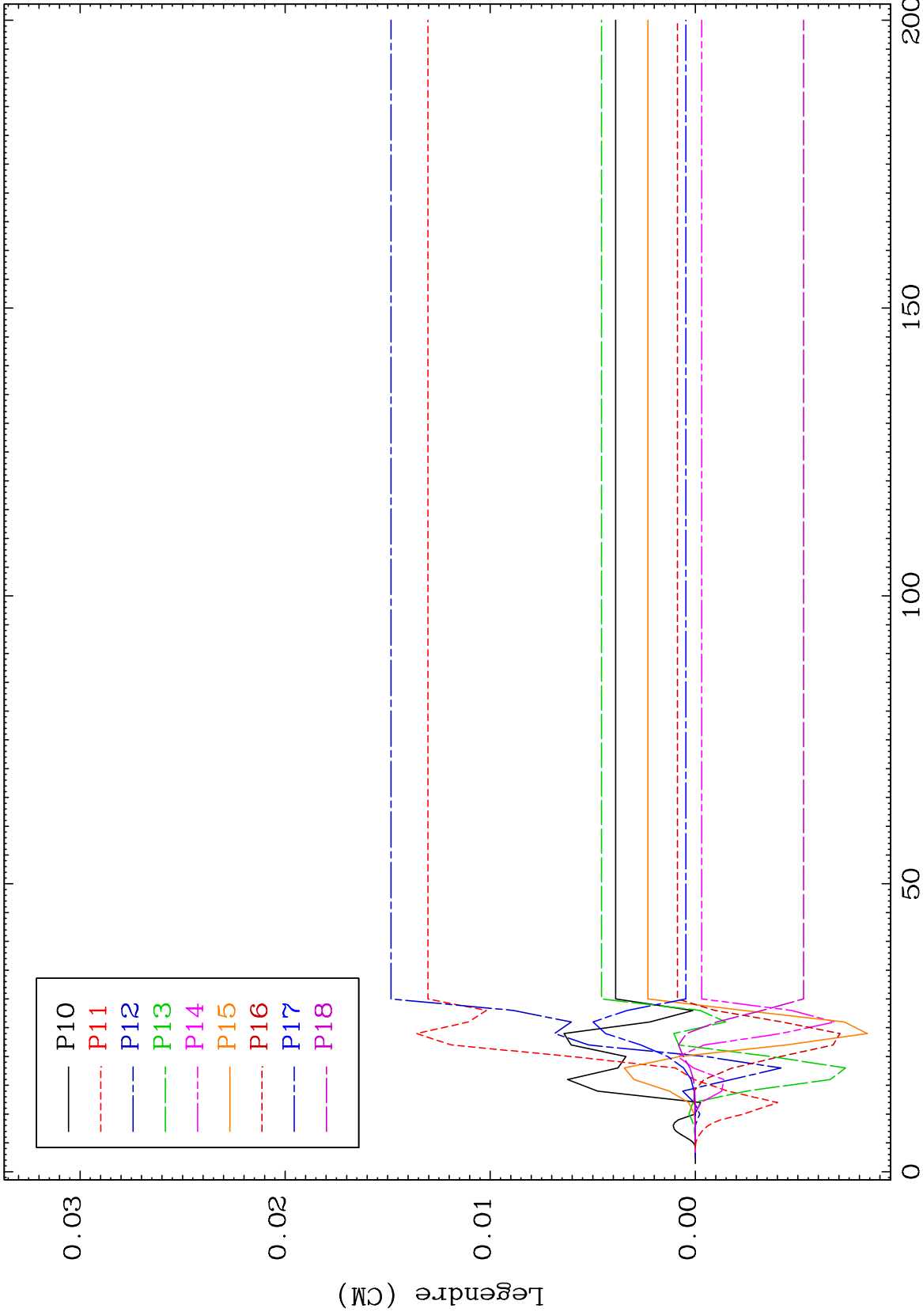
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



58

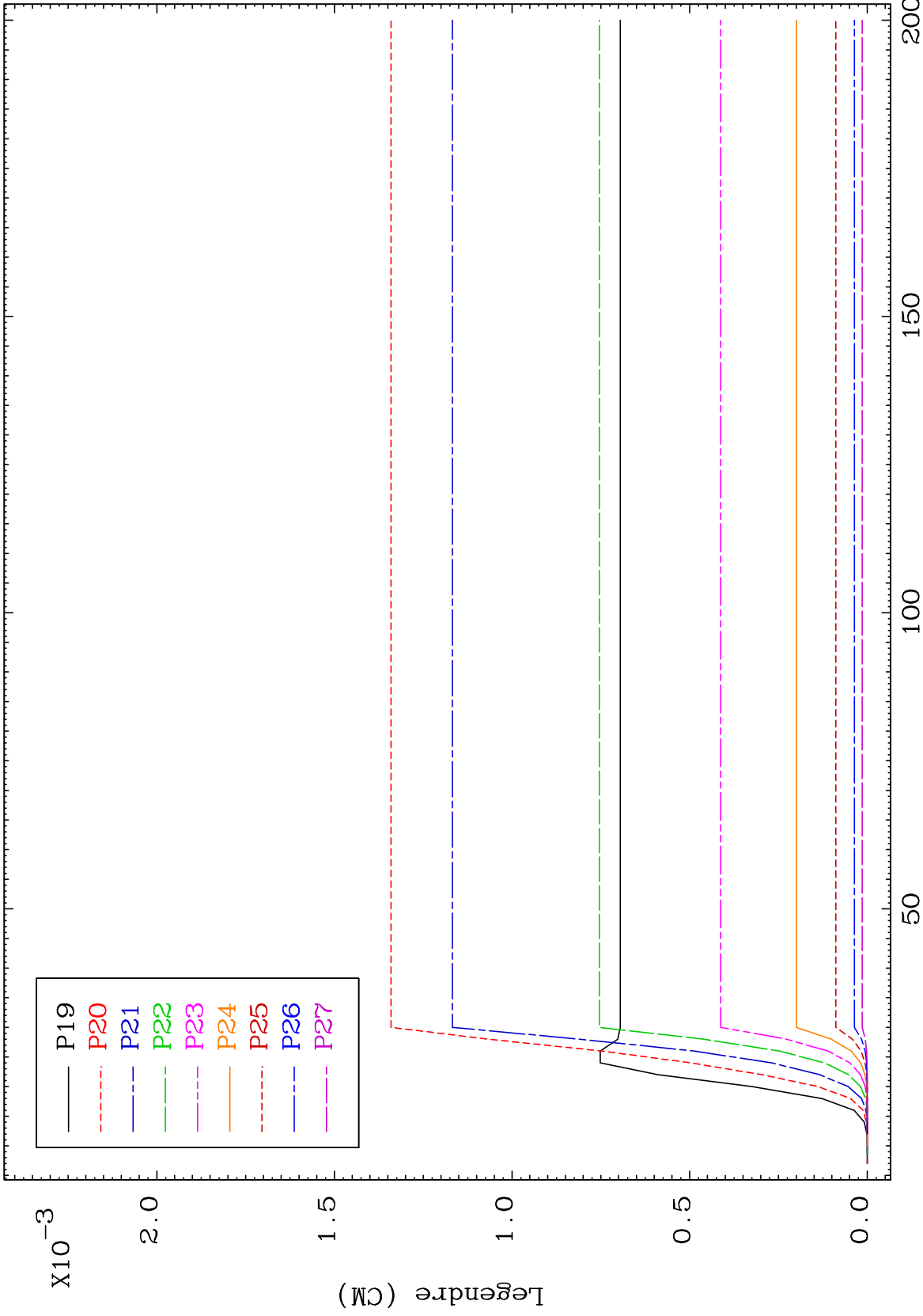
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



59

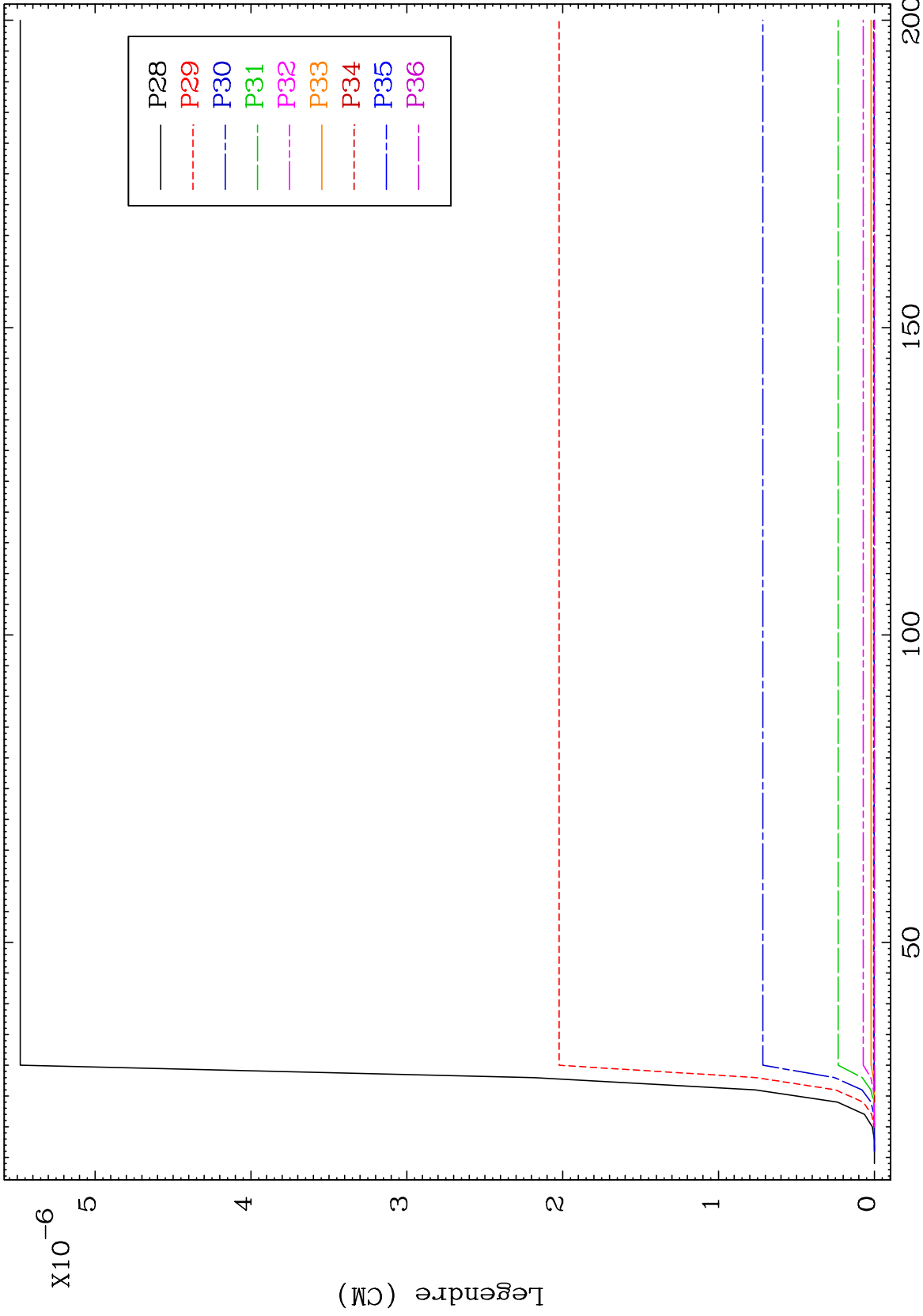
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



60

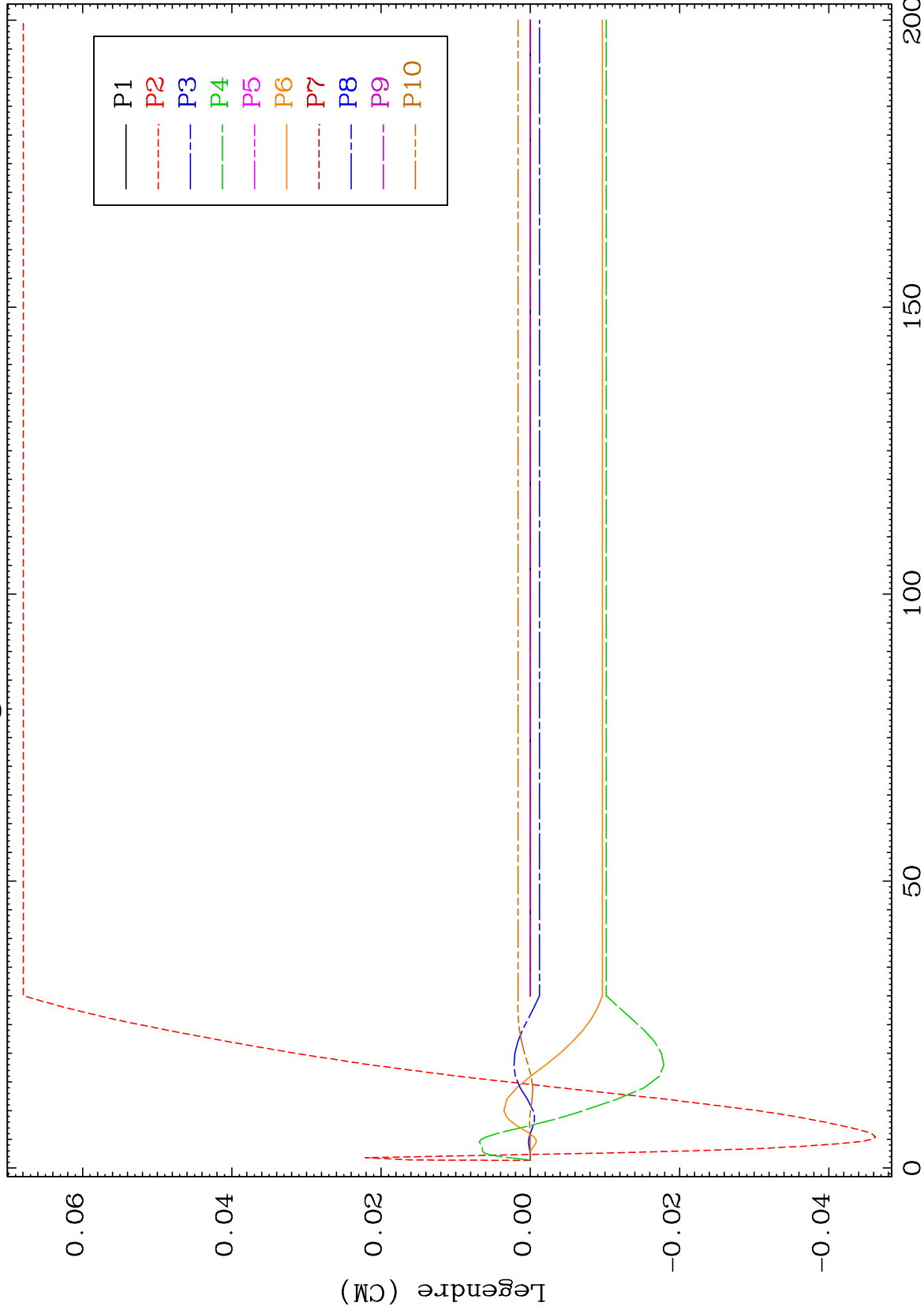
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



61

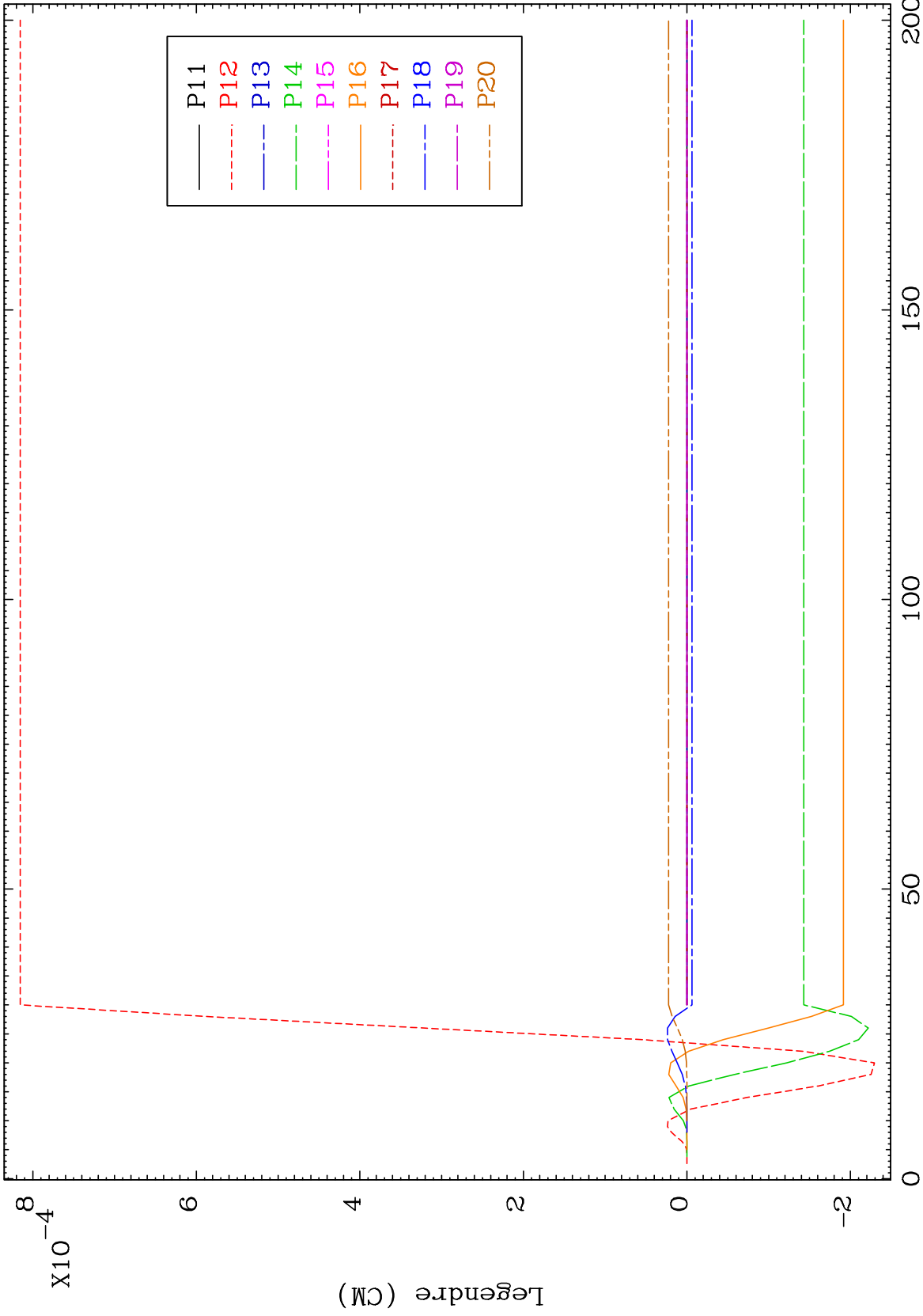
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



62

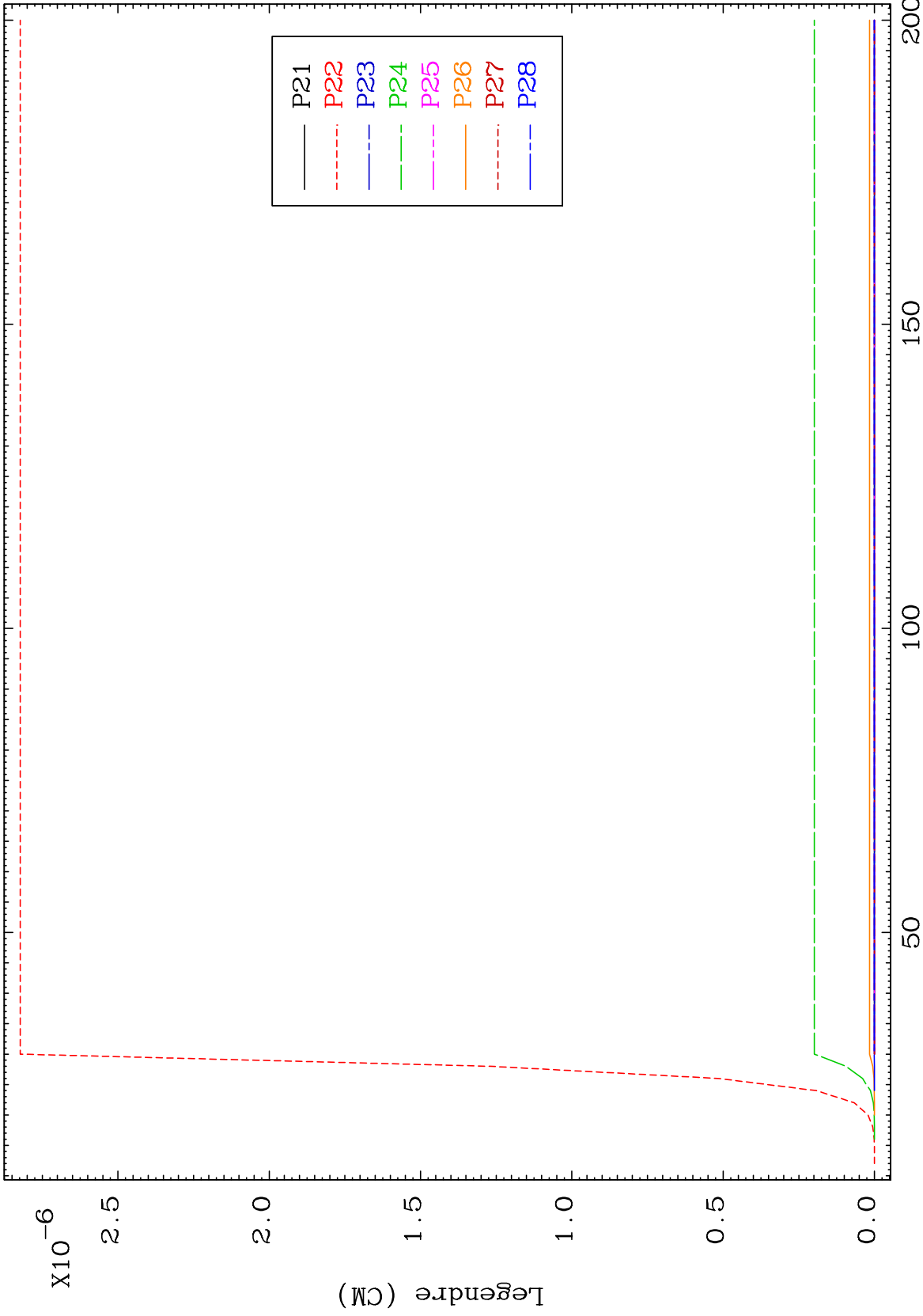
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



63

Incident Energy (MeV)

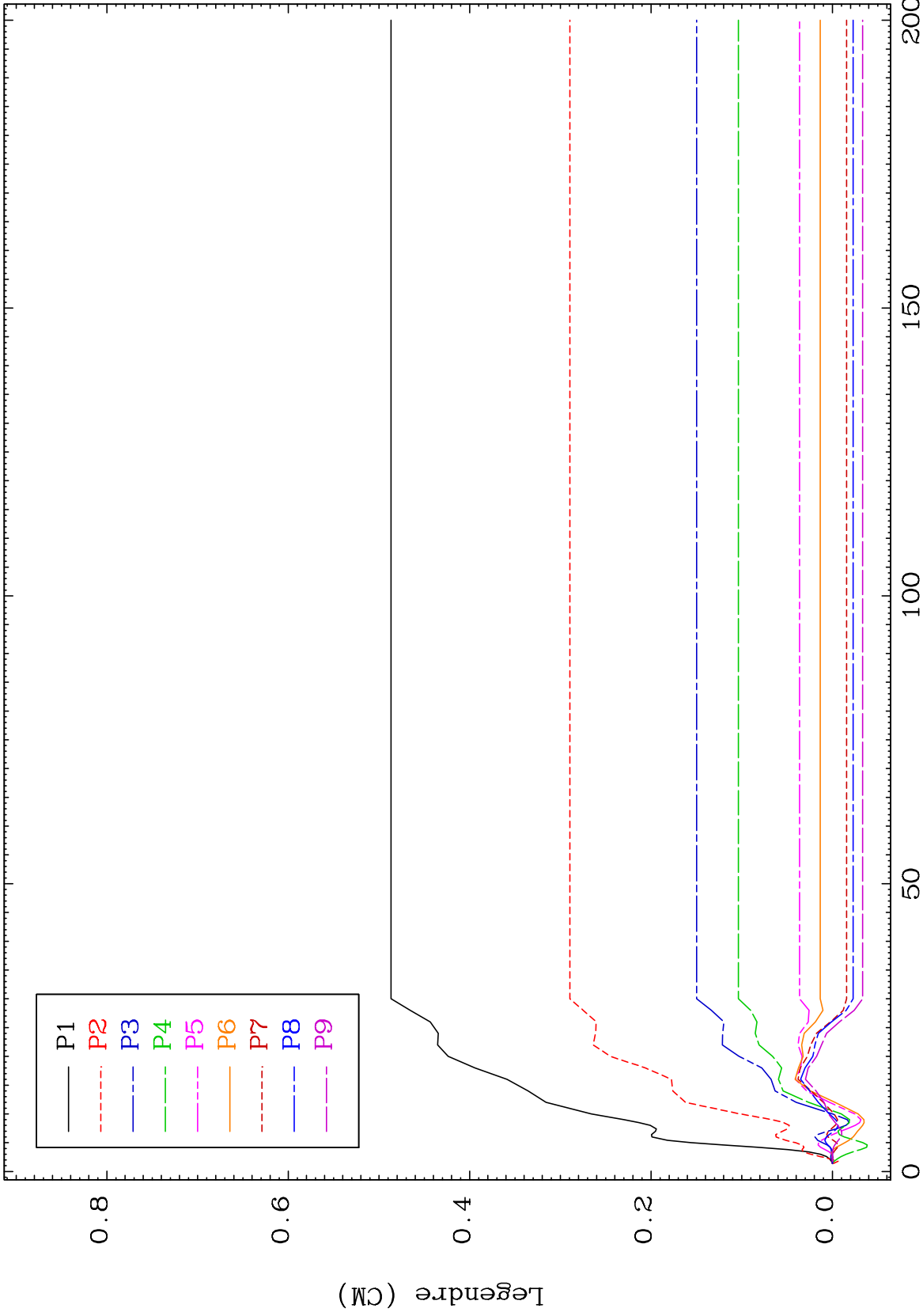
66-Dy-158



MAT 6631

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

66-Dy-158



64

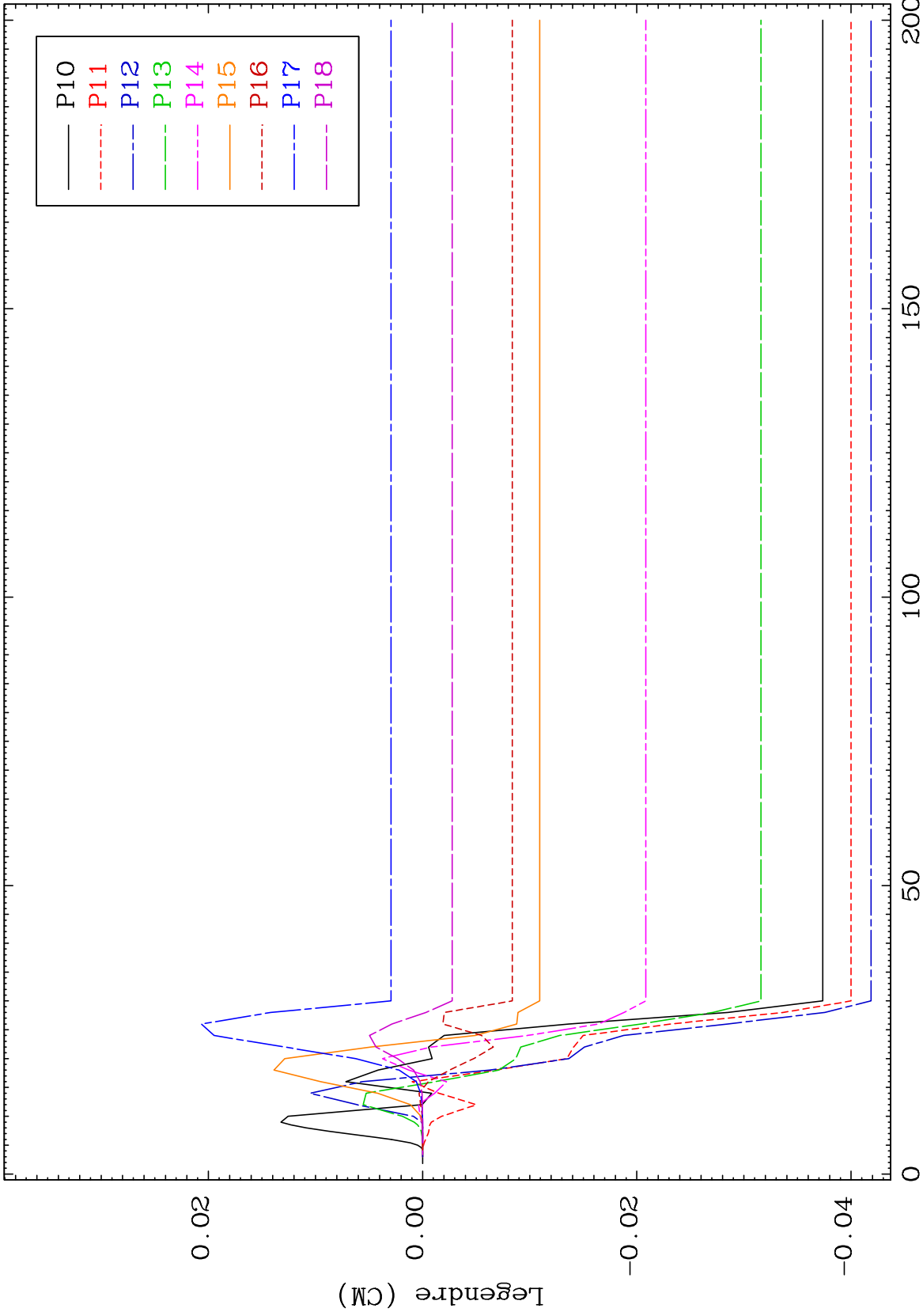
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



65

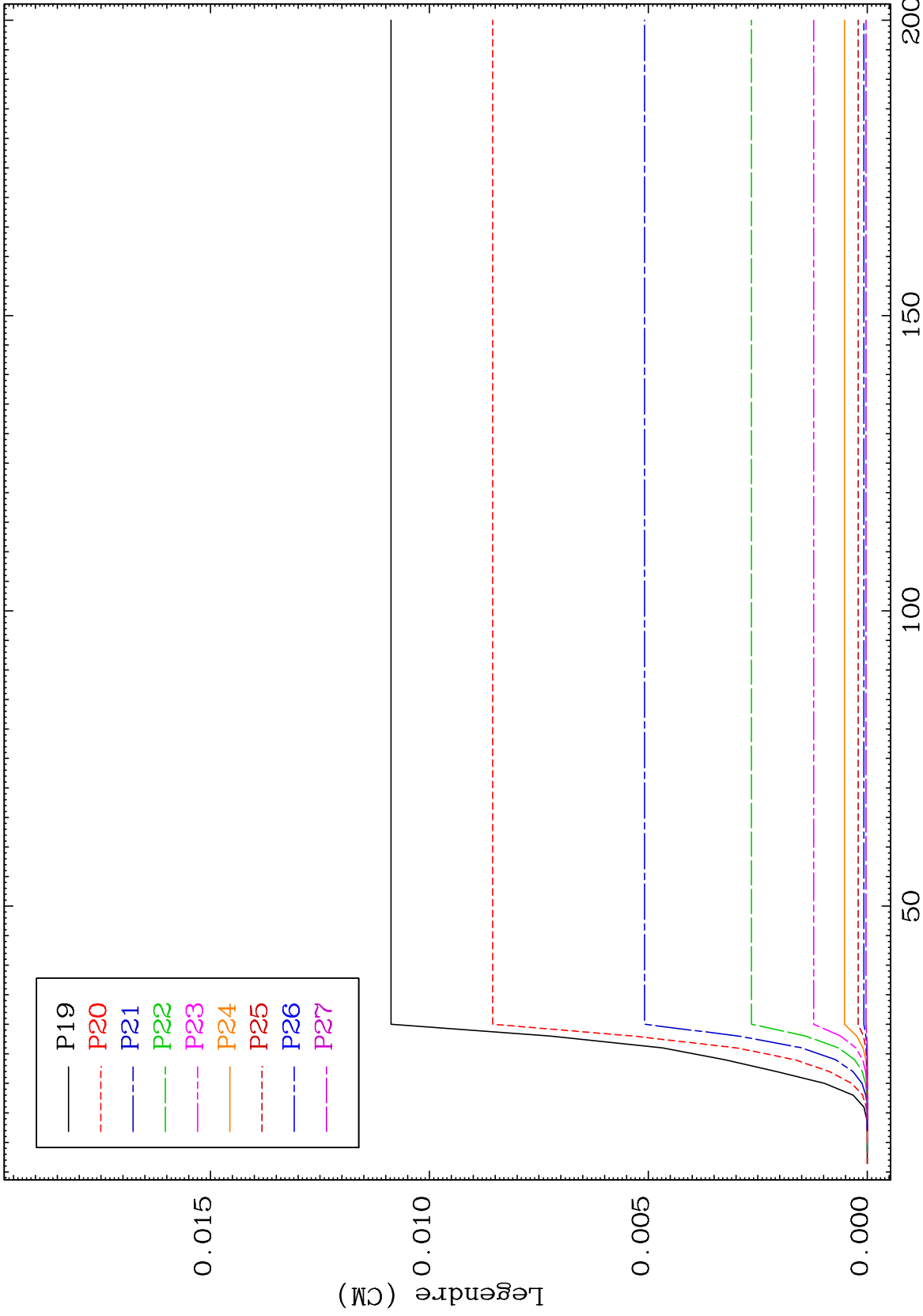
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



66

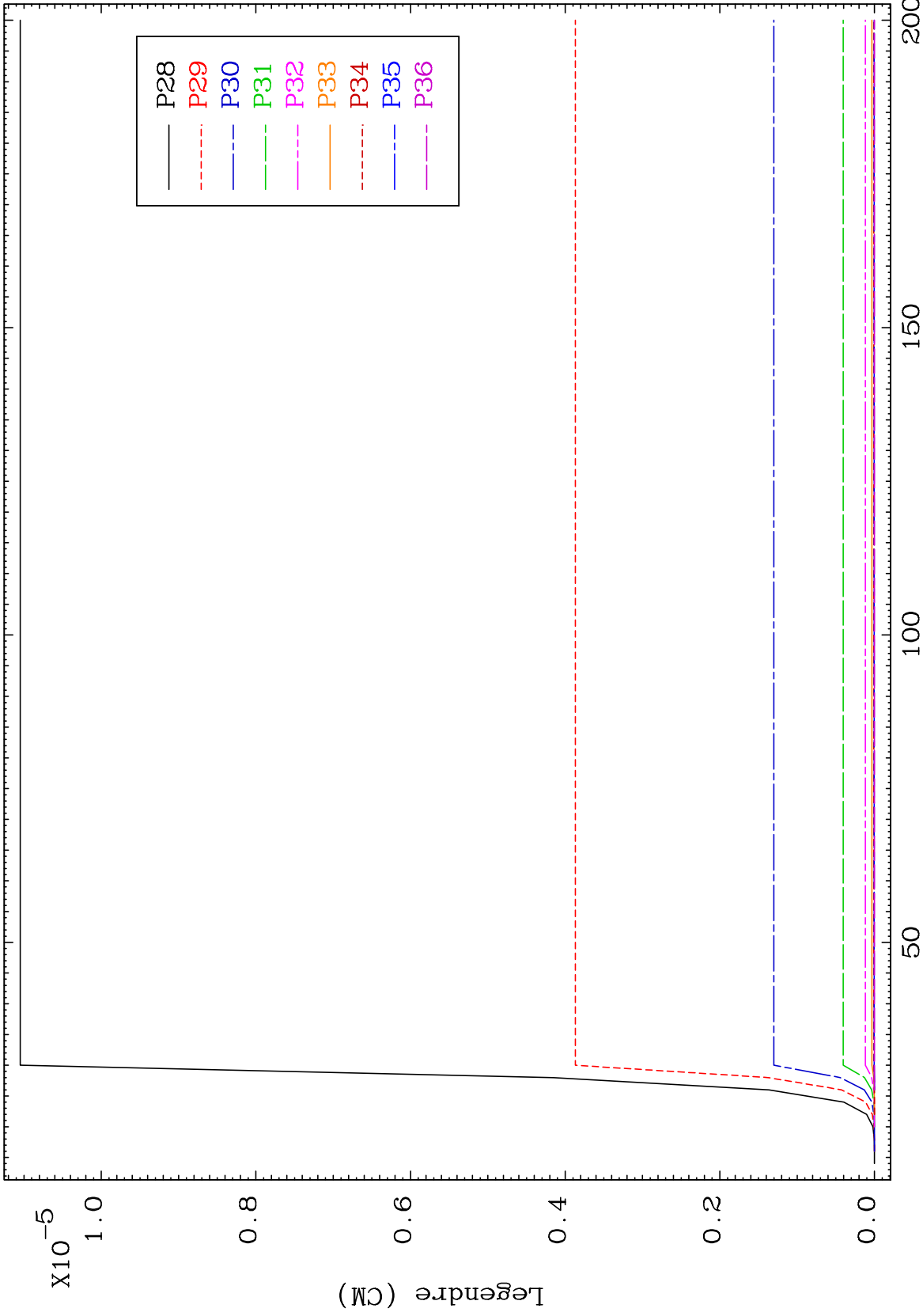
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



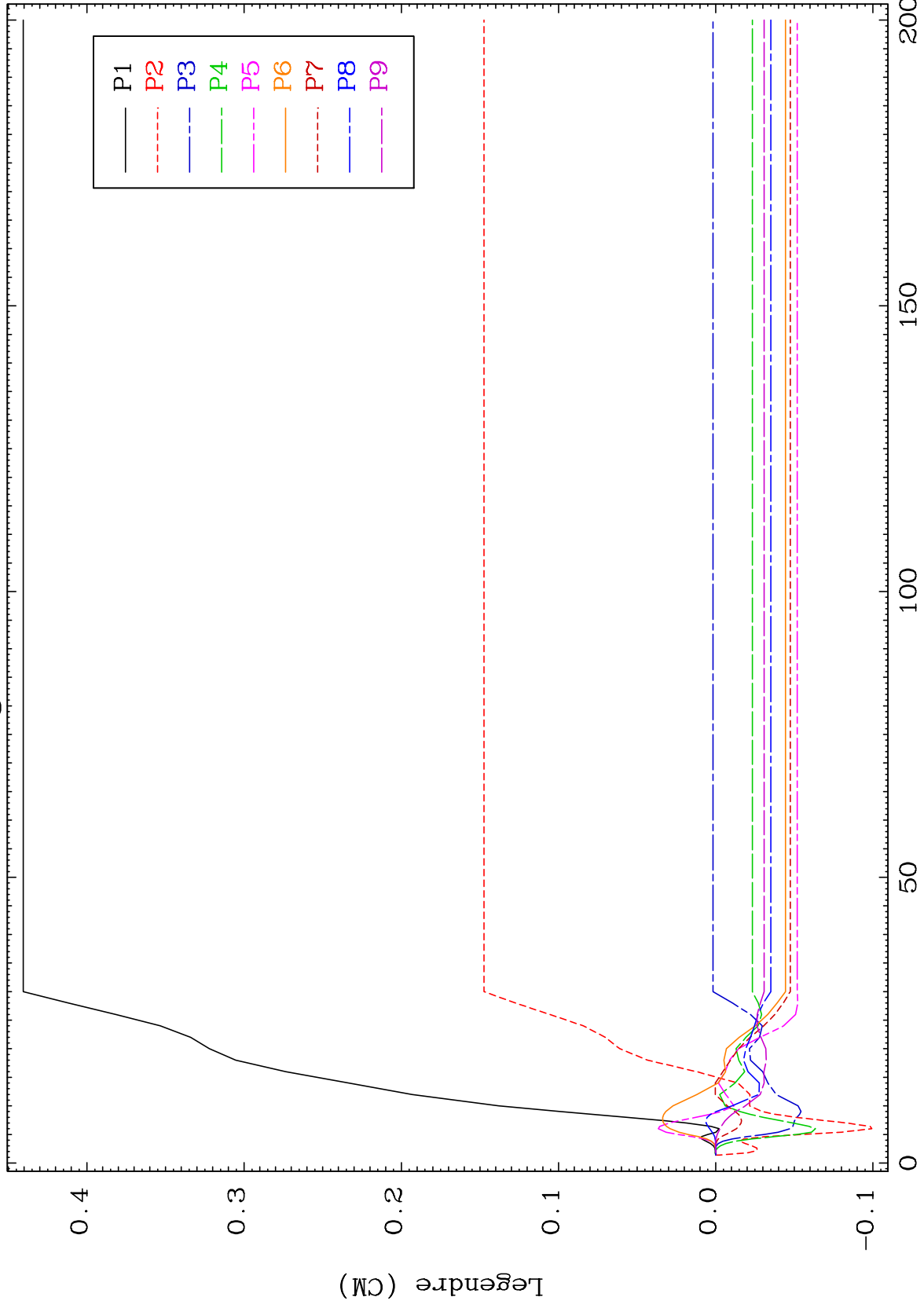
67

66-Dy-158

MAT 6631

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

66-Dy-158



68

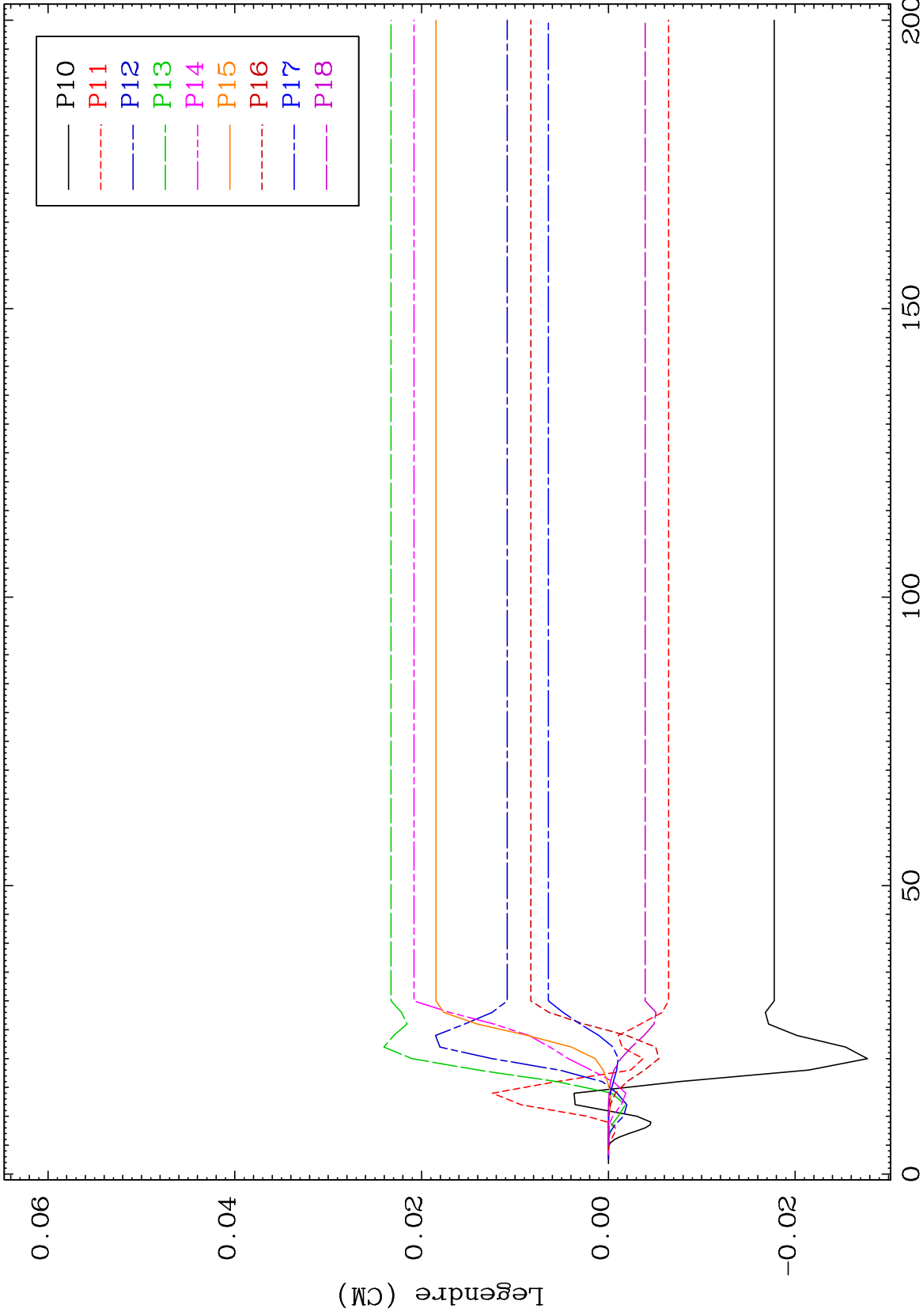
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



69

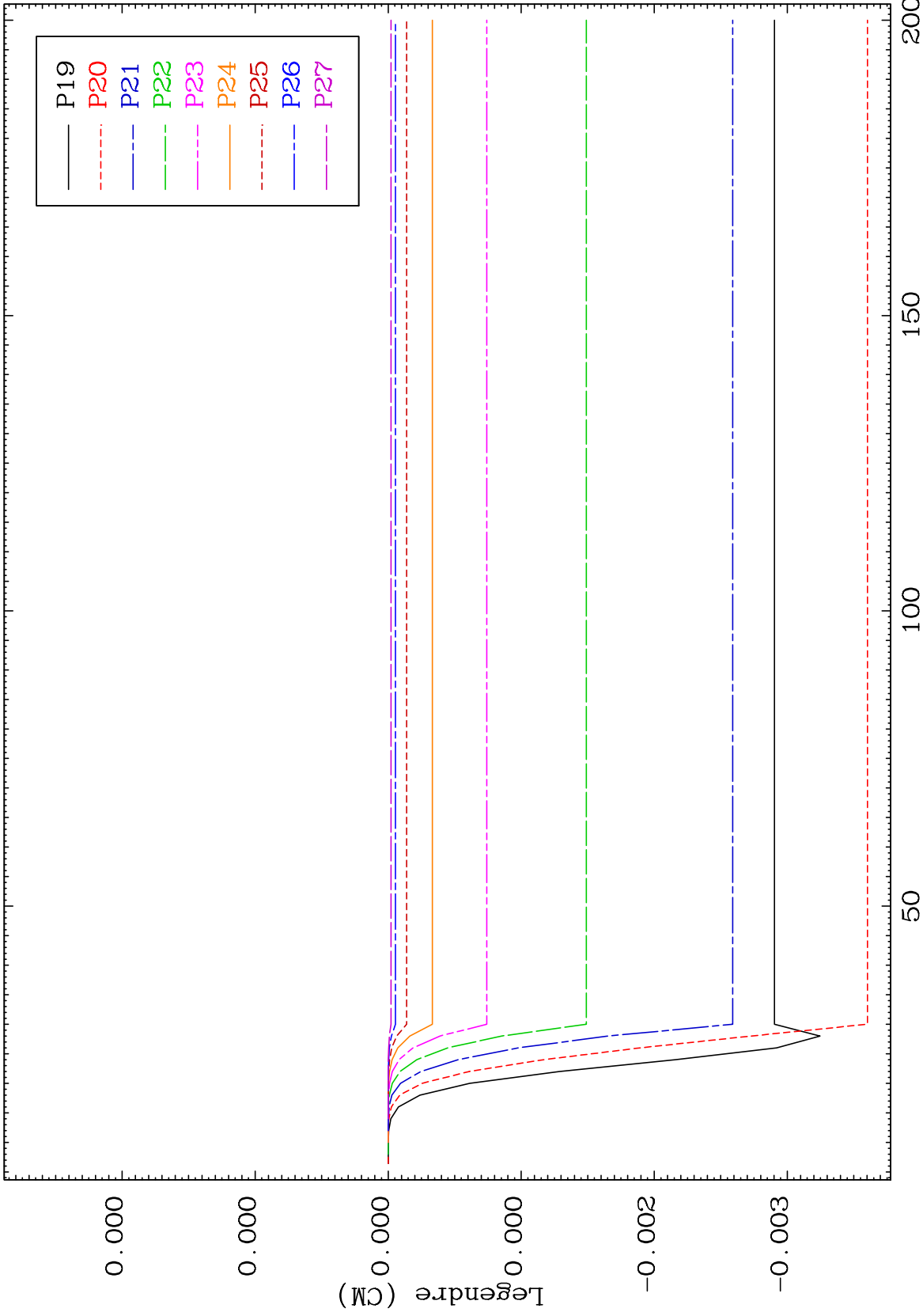
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



70

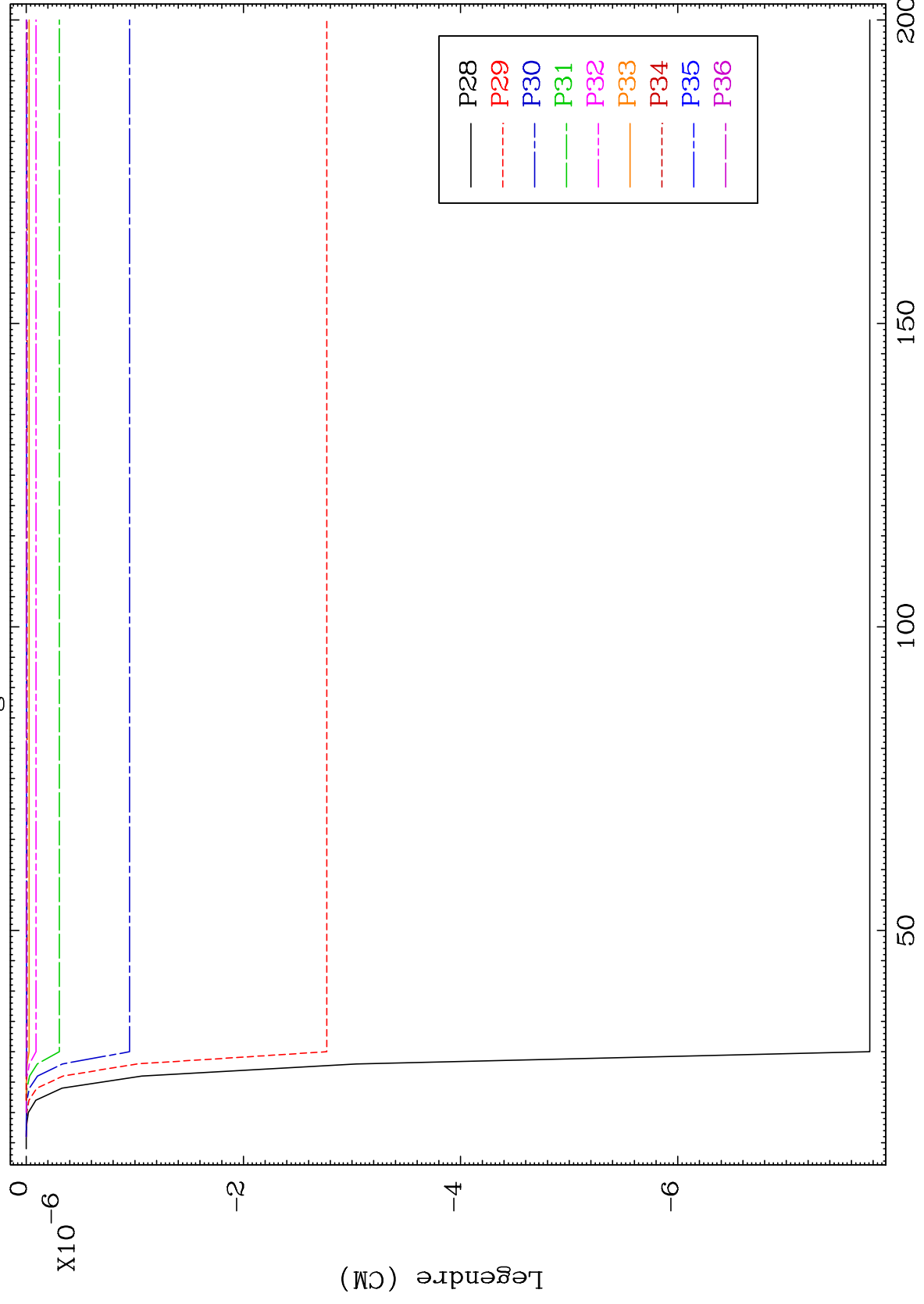
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



66-Dy-158

Incident Energy (MeV)

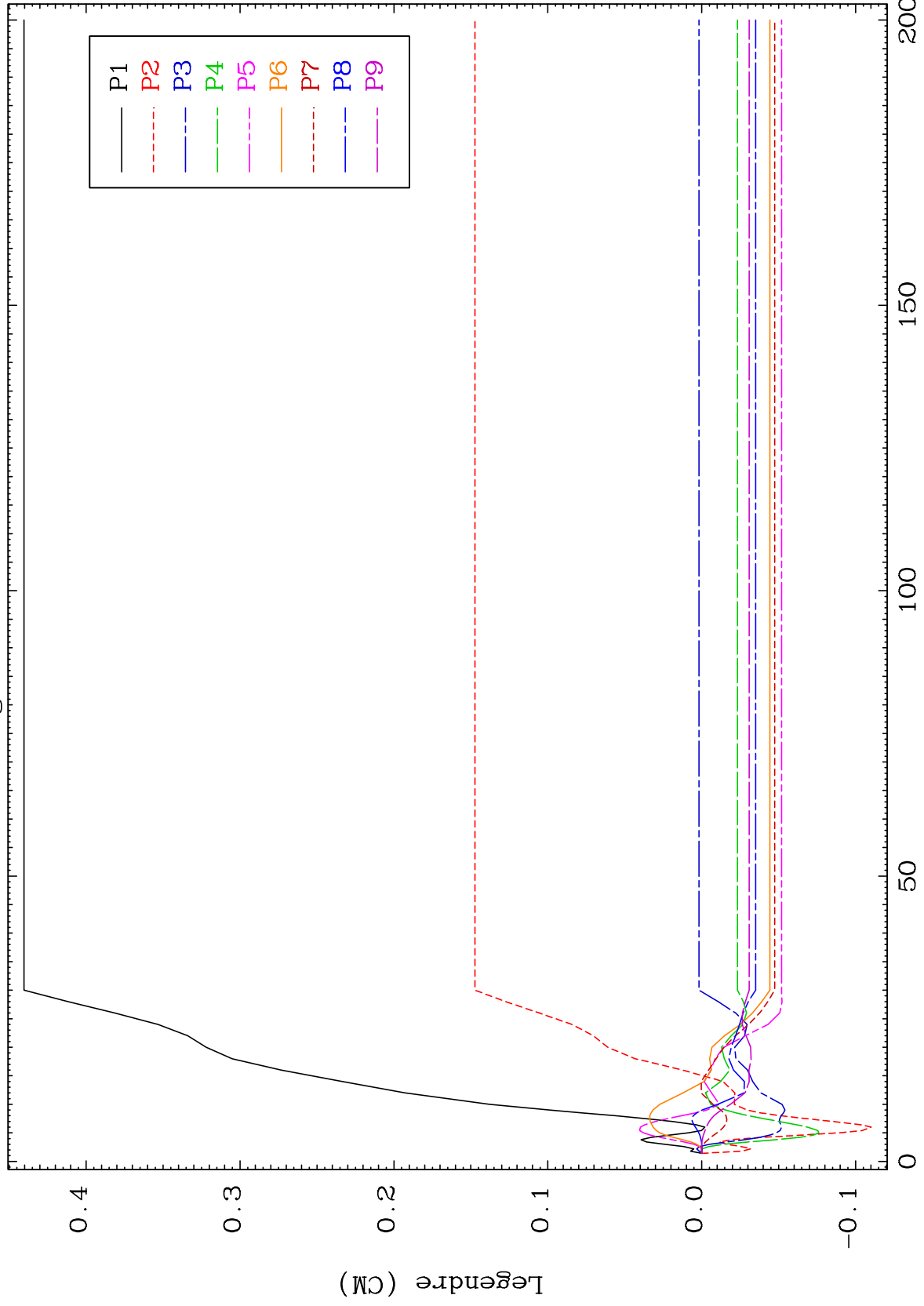
71



MAT 6631

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

66-Dy-158



72

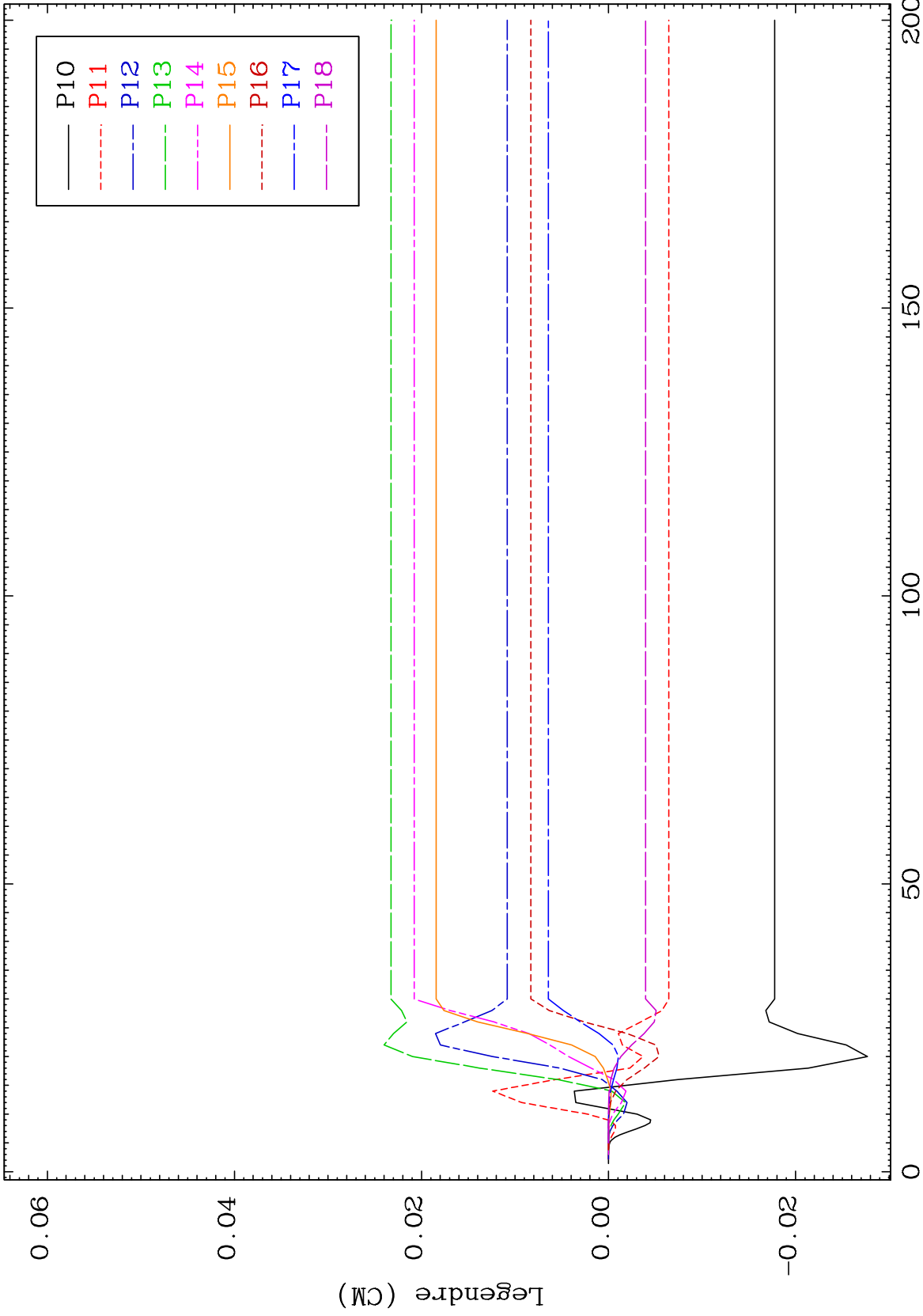
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



73

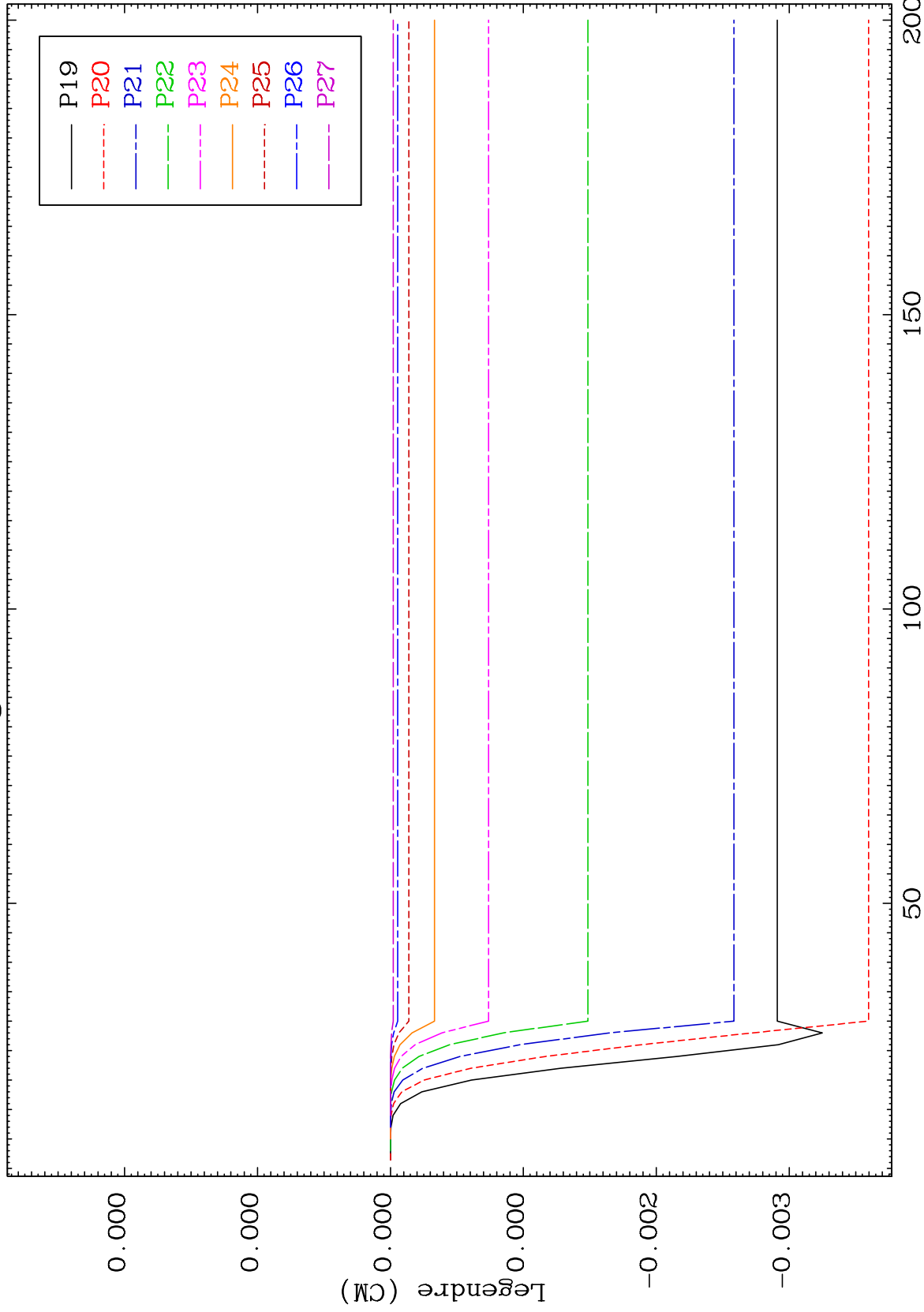
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



74

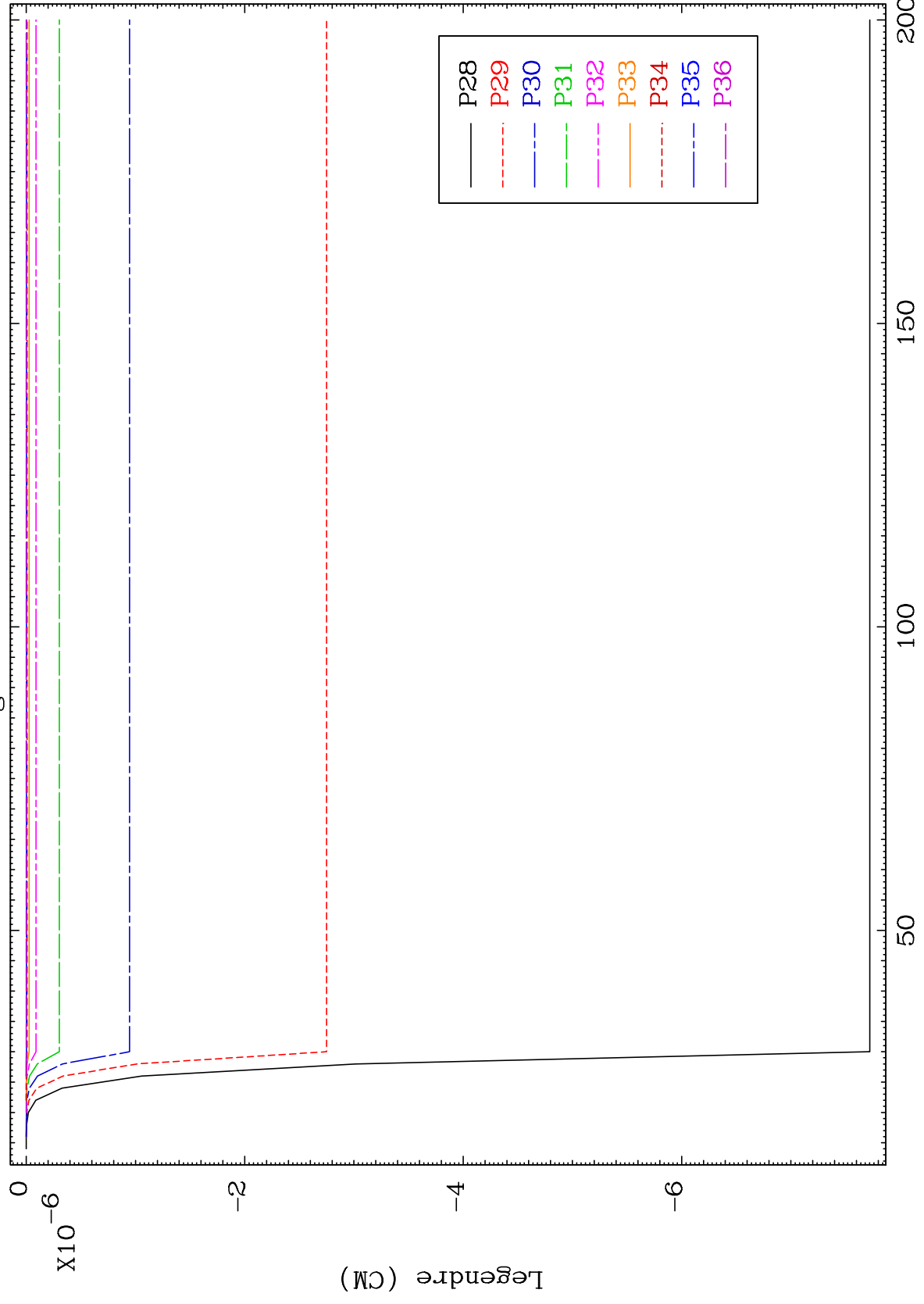
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



66-Dy-158

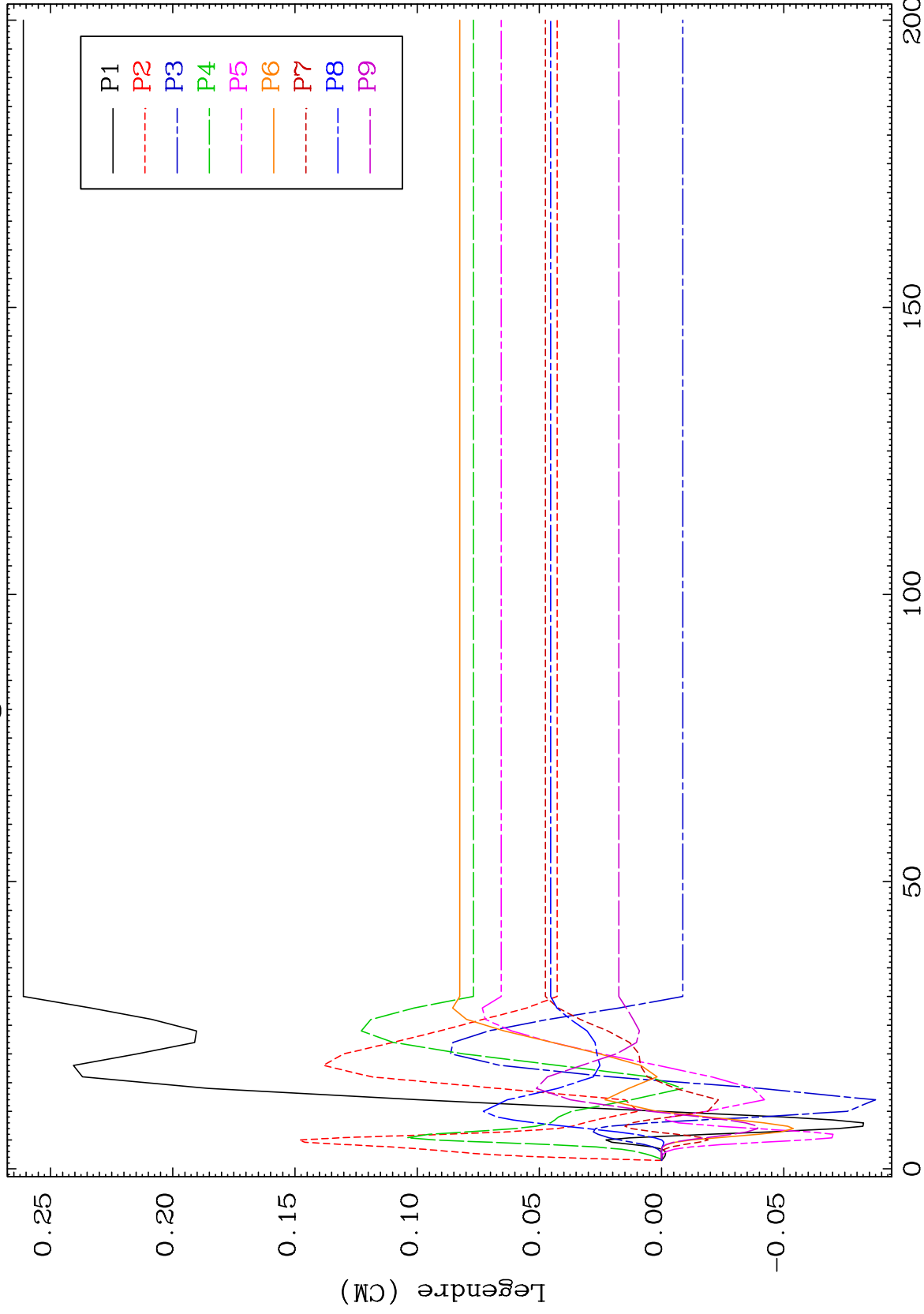
Incident Energy (MeV)

75

MAT 6631

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

66-Dy-158



76

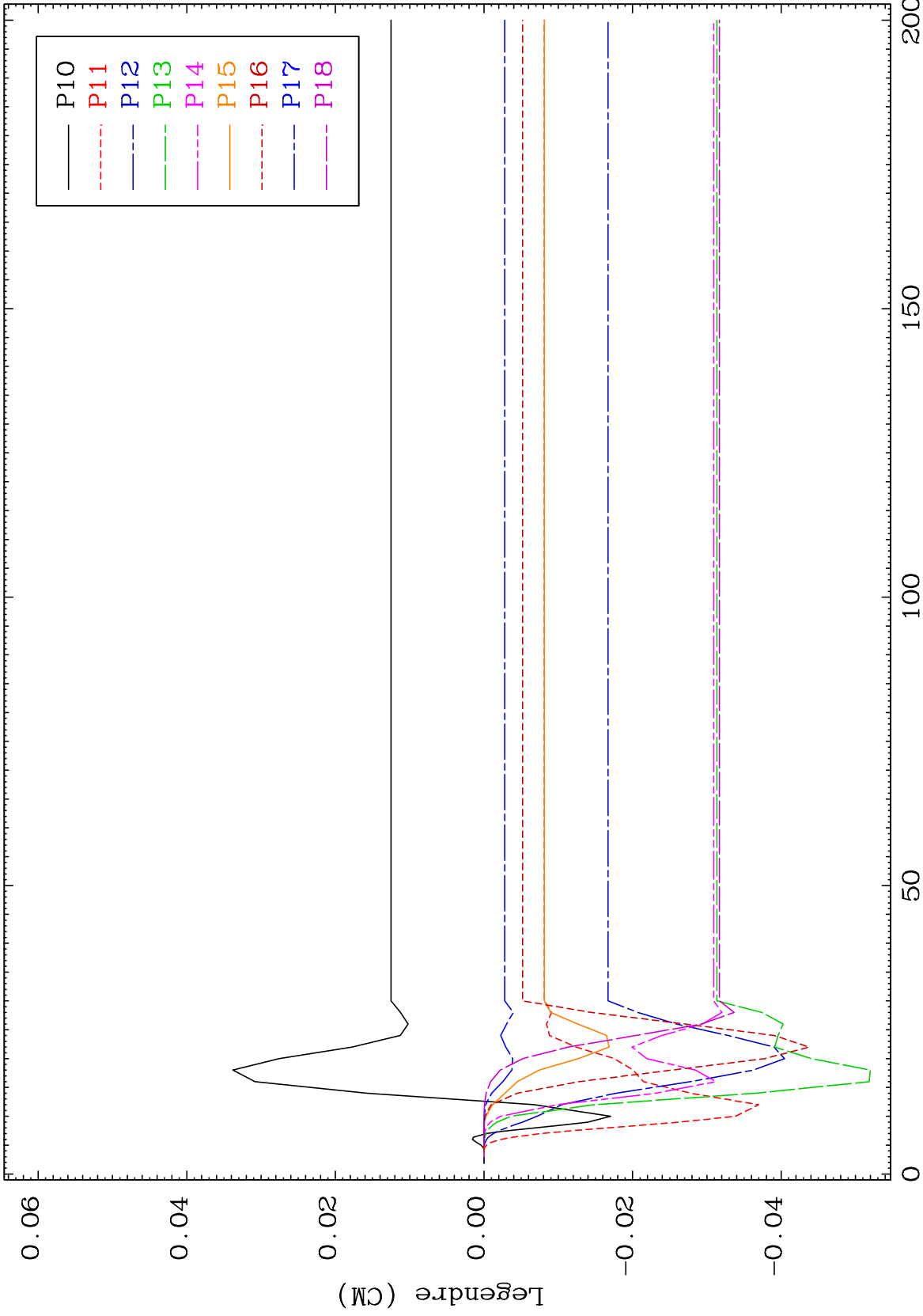
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



77

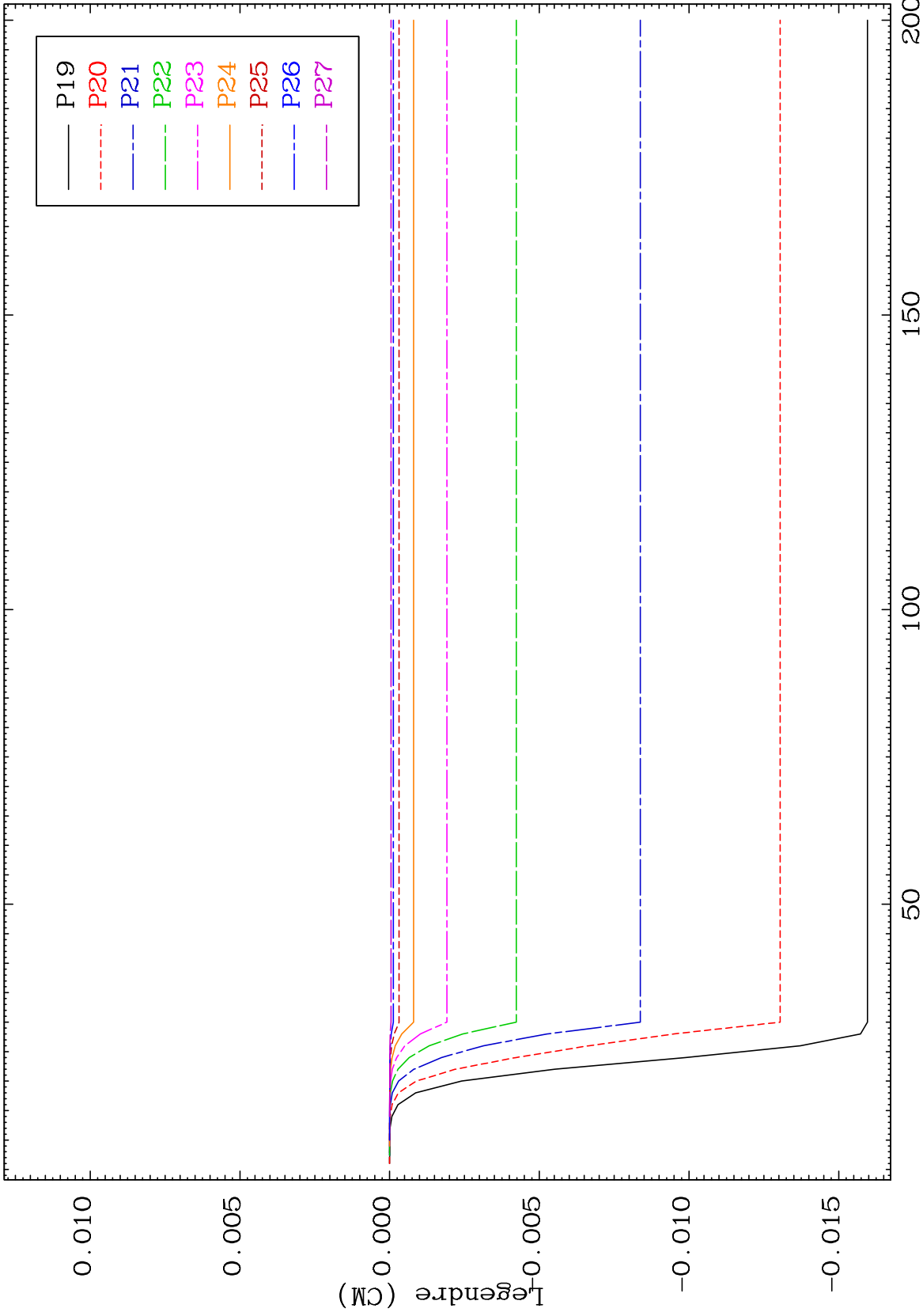
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



78

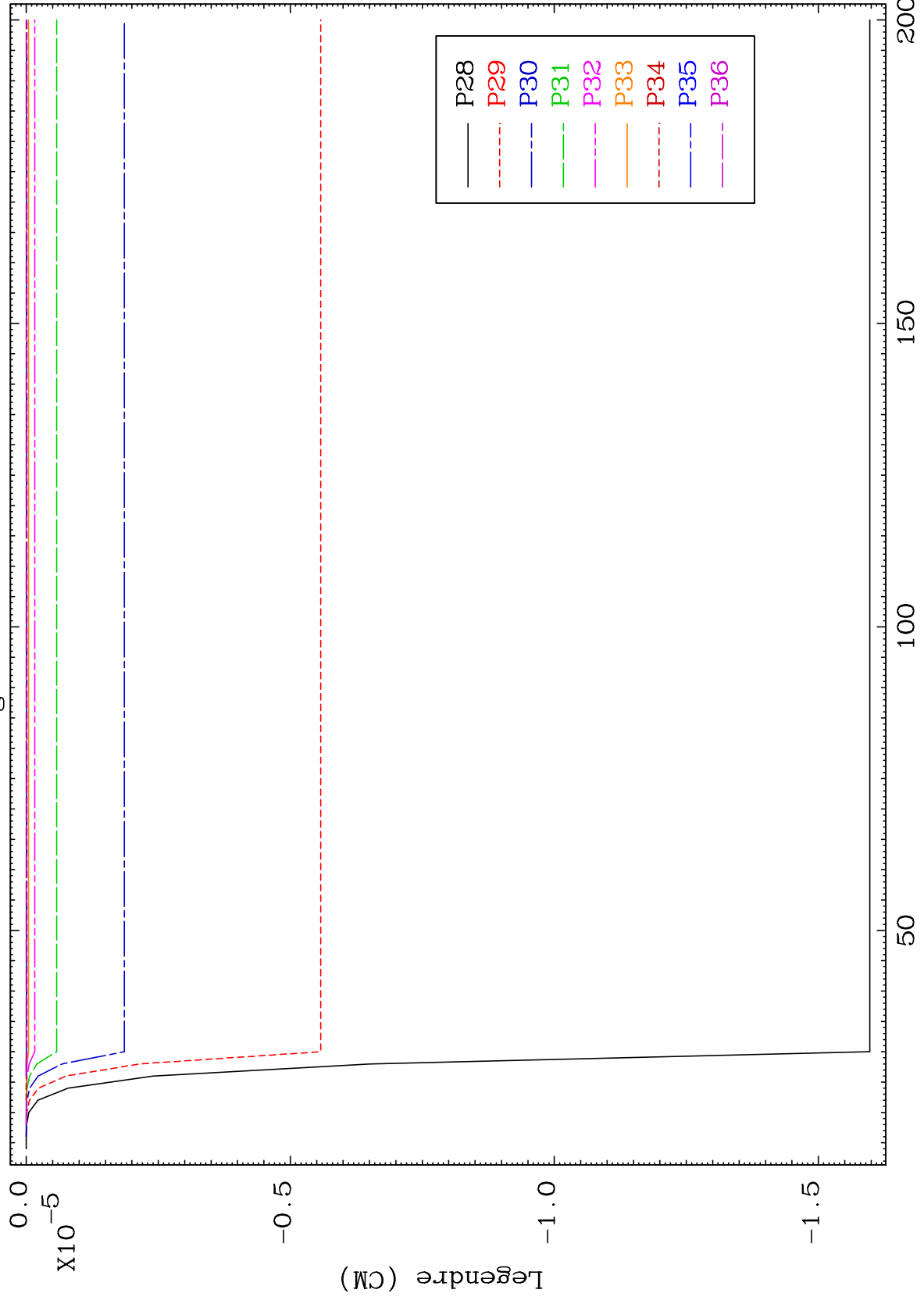
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



66-Dy-158

Incident Energy (MeV)

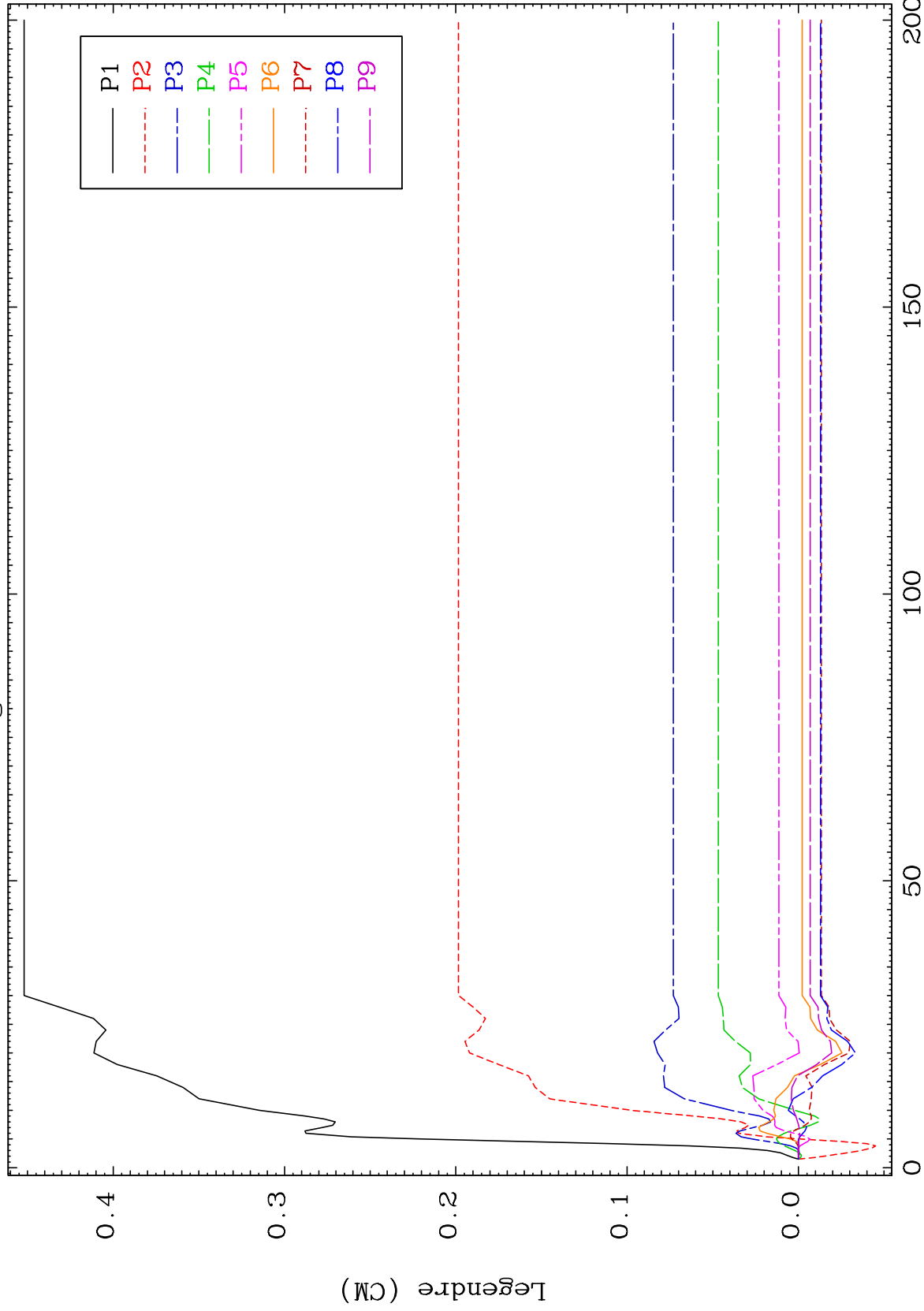
79



MAT 6631

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

66-Dy-158



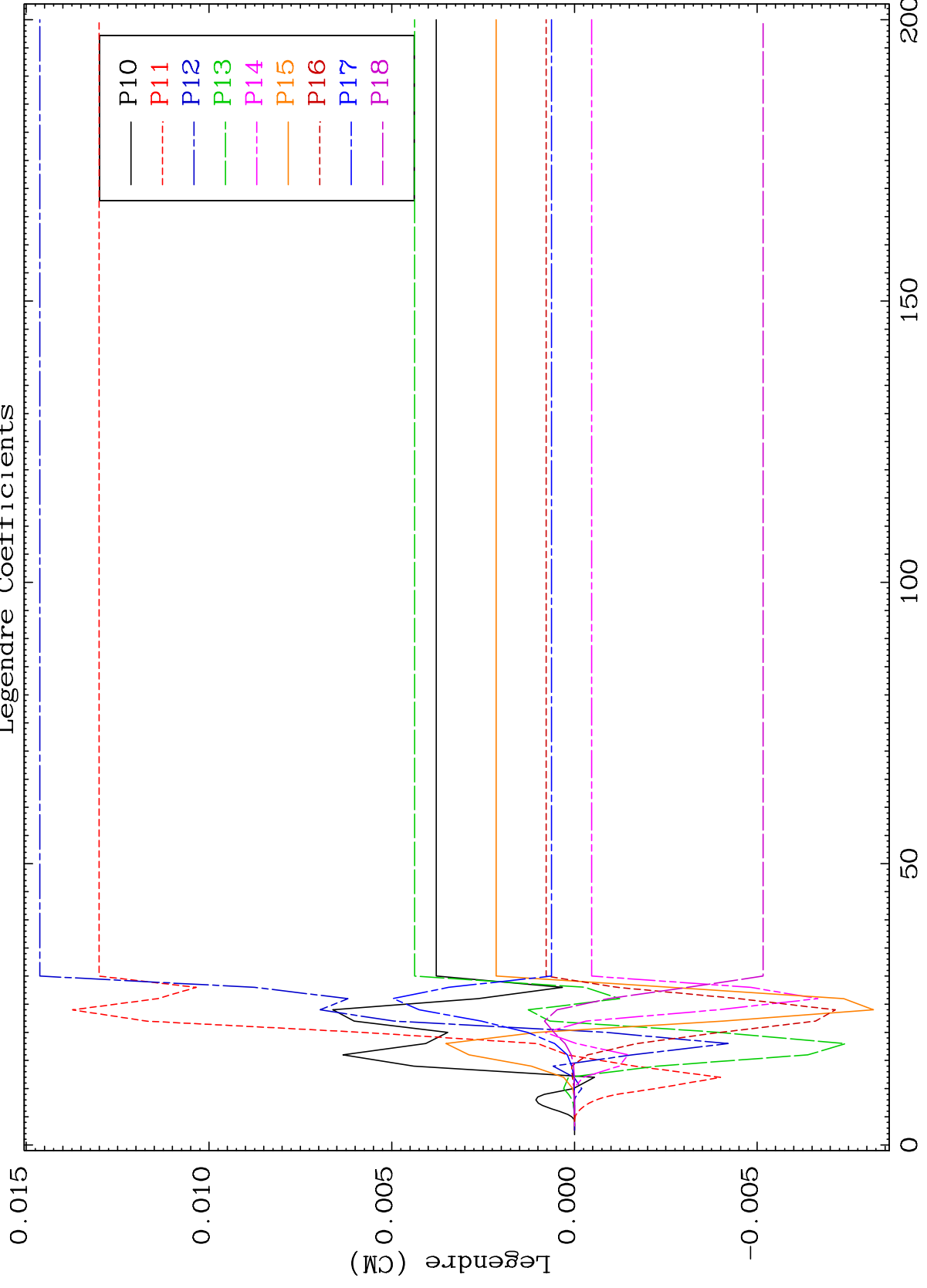
66-Dy-158

Incident Energy (MeV)

66-Dy-158

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

MAT 6631



66-Dy-158

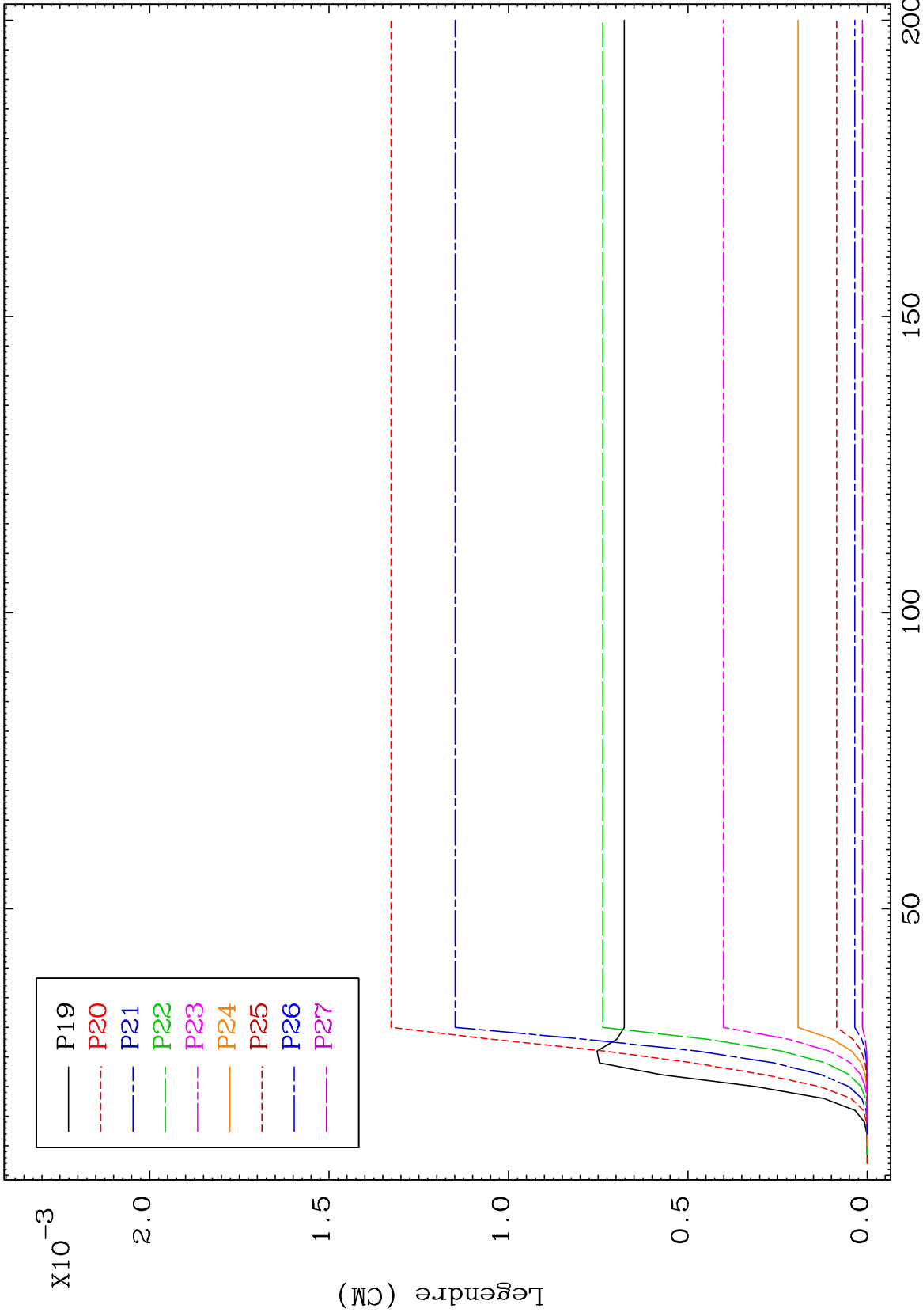
Incident Energy (MeV)

81

MAT 6631

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

66-Dy-158



82

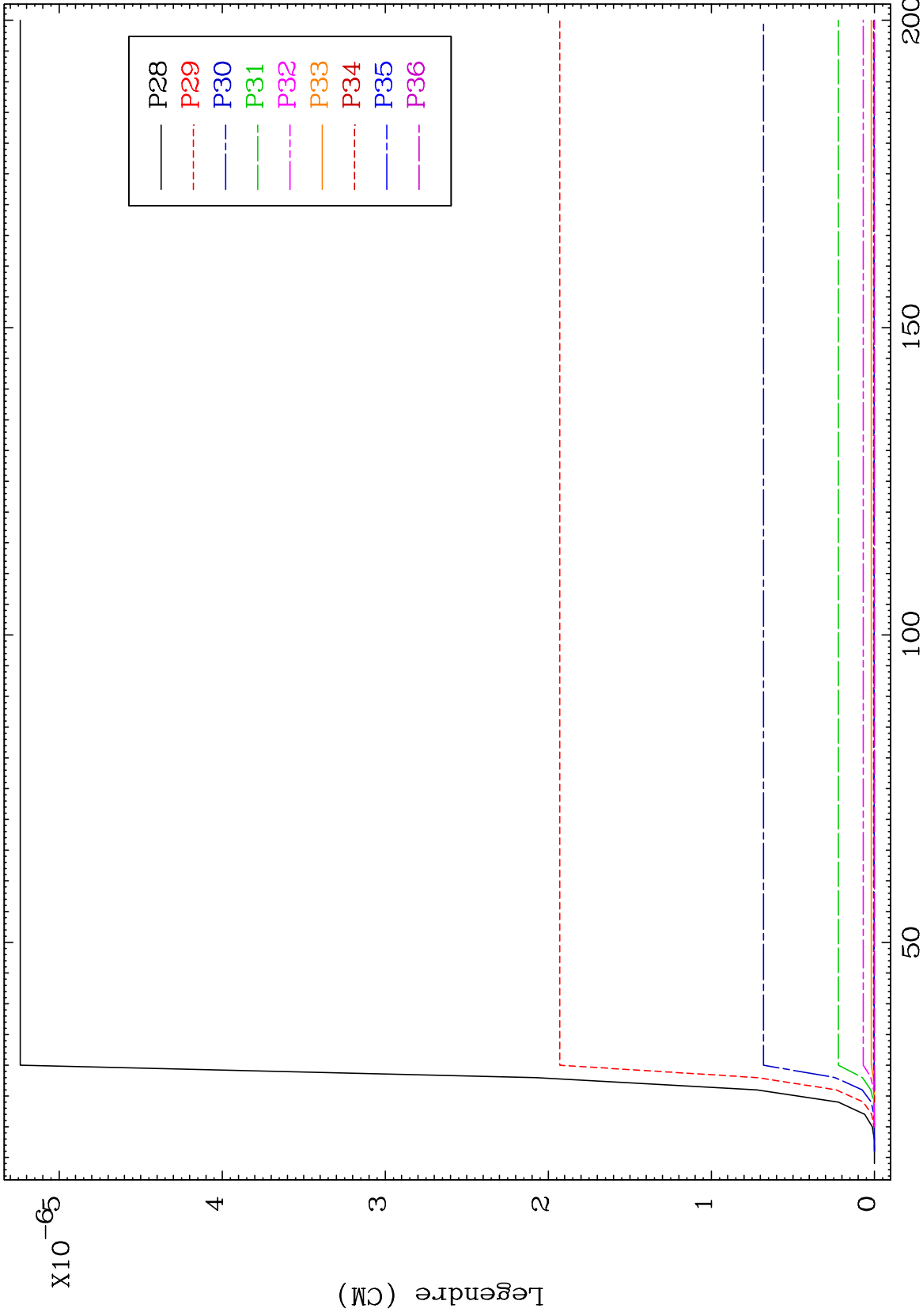
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



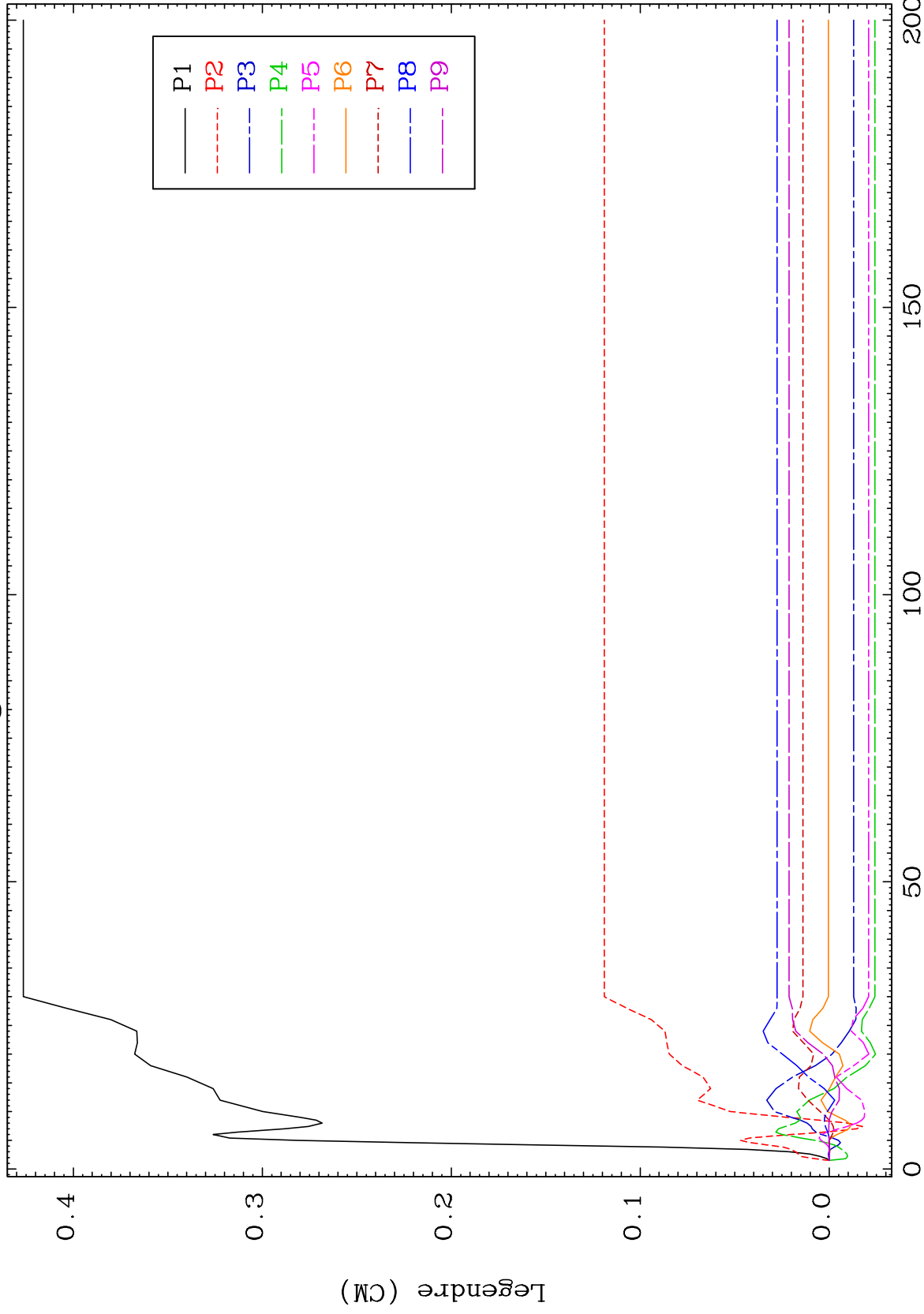
83

66-Dy-158

MAT 6631

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

66-Dy-158



84

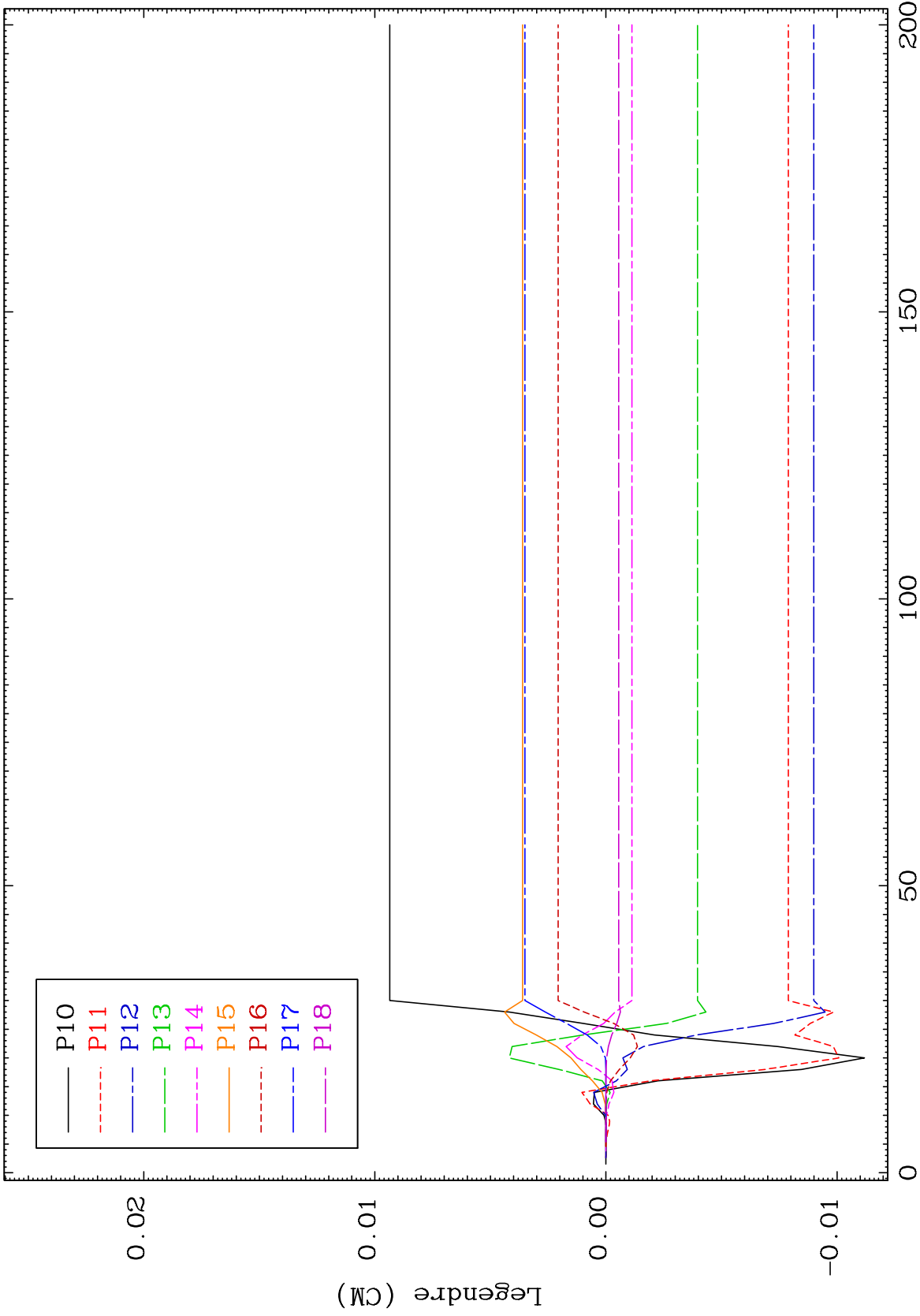
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



85

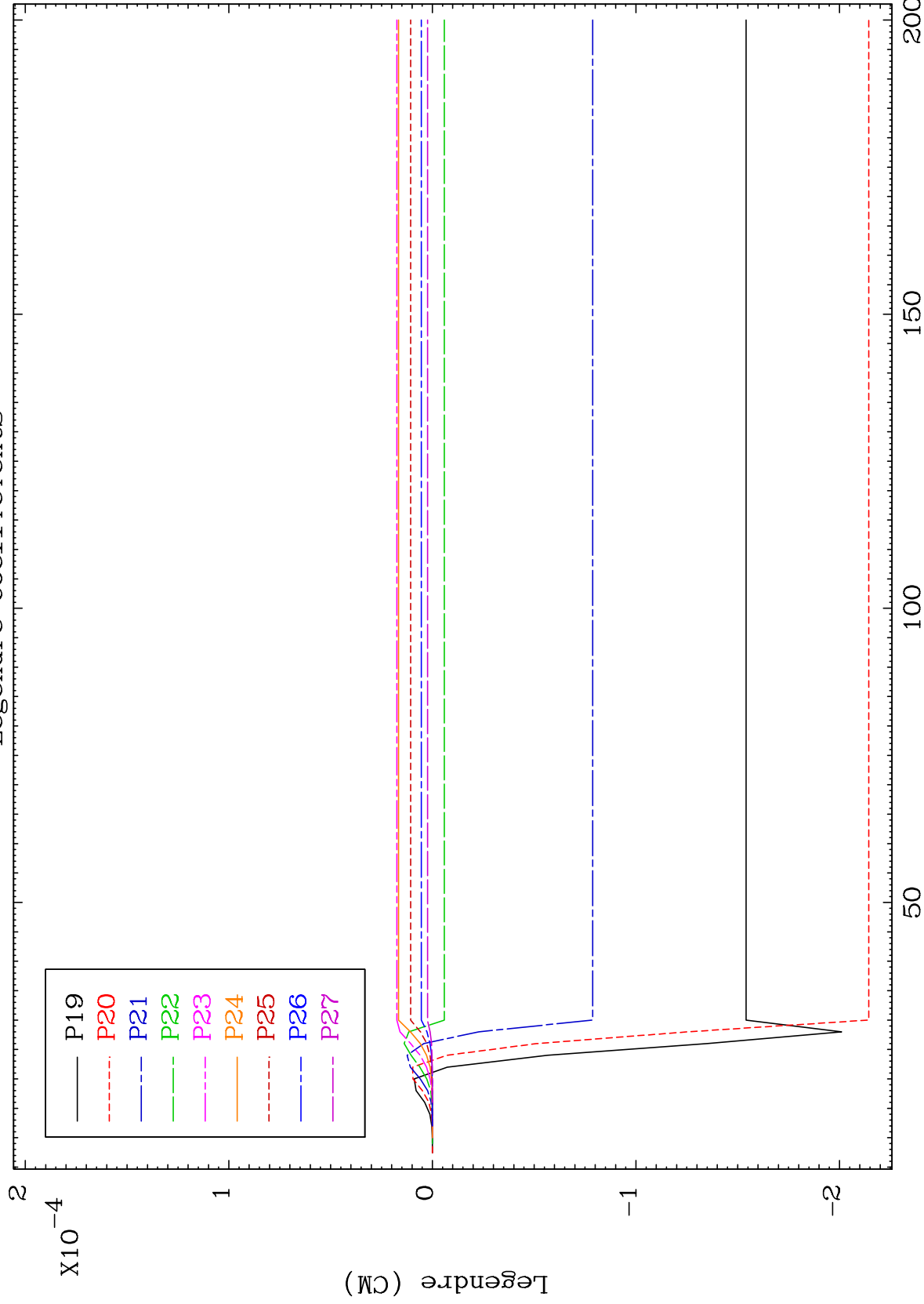
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



86

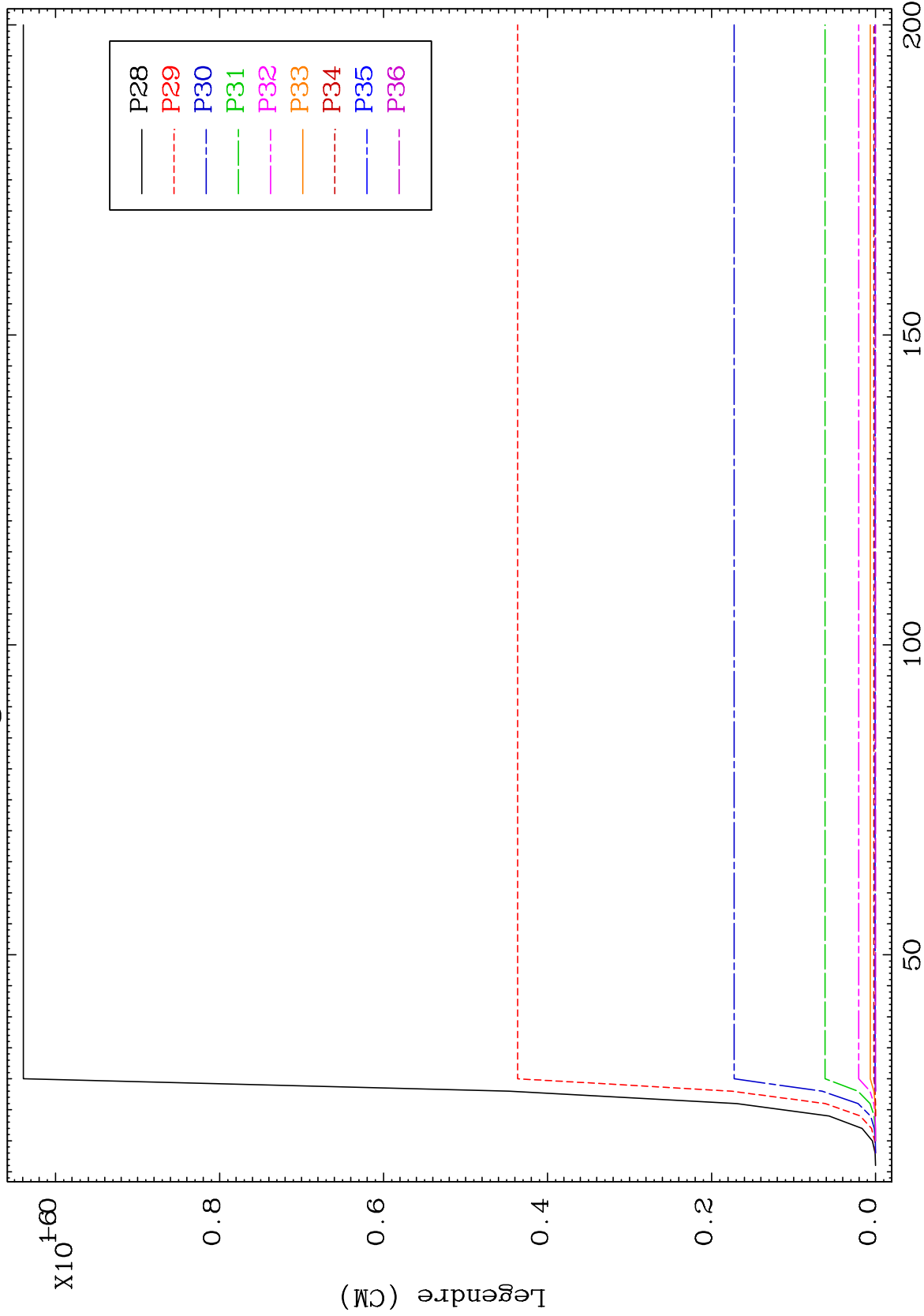
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



87

Incident Energy (MeV)

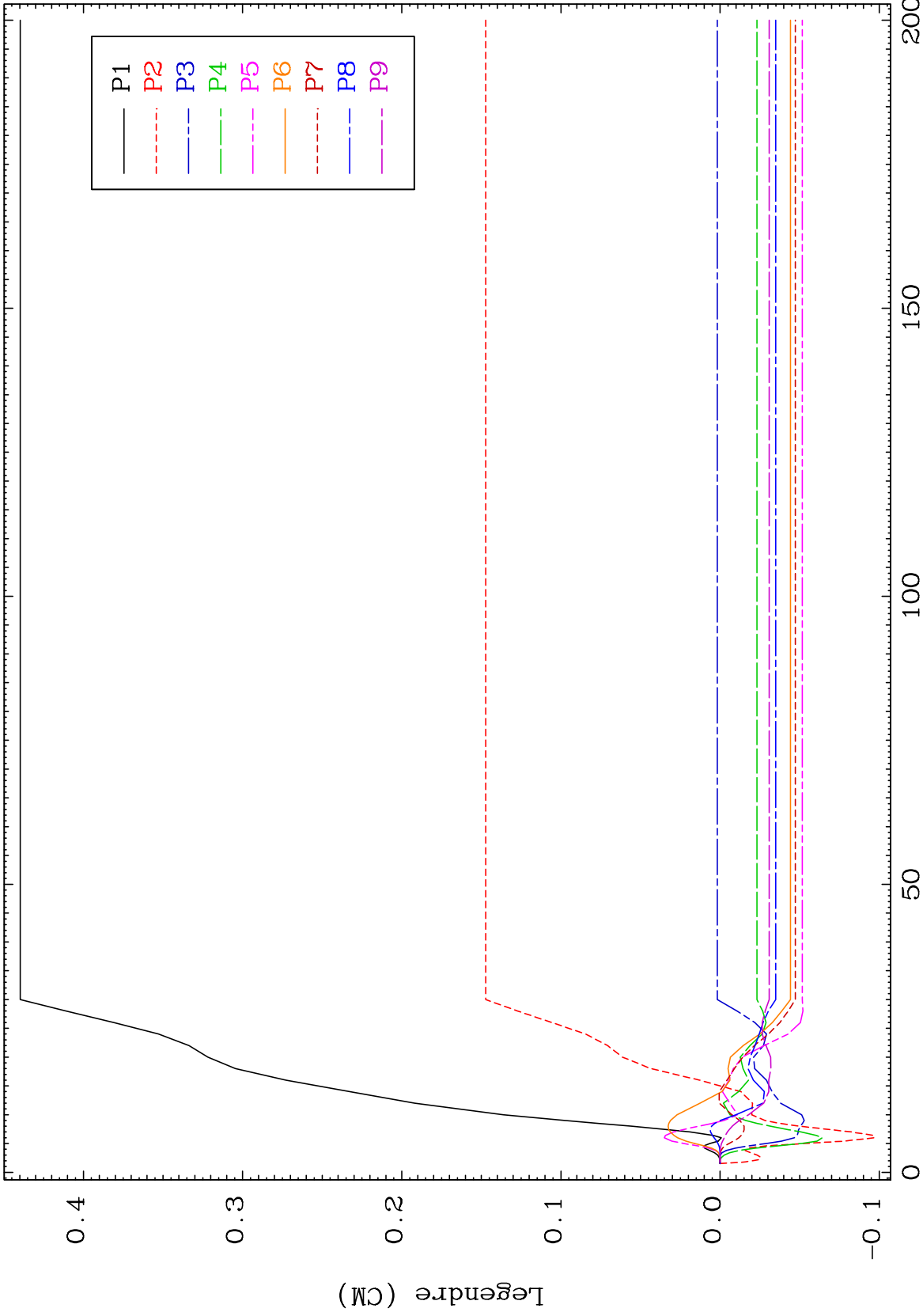
66-Dy-158



MAT 6631

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

66-Dy-158



88

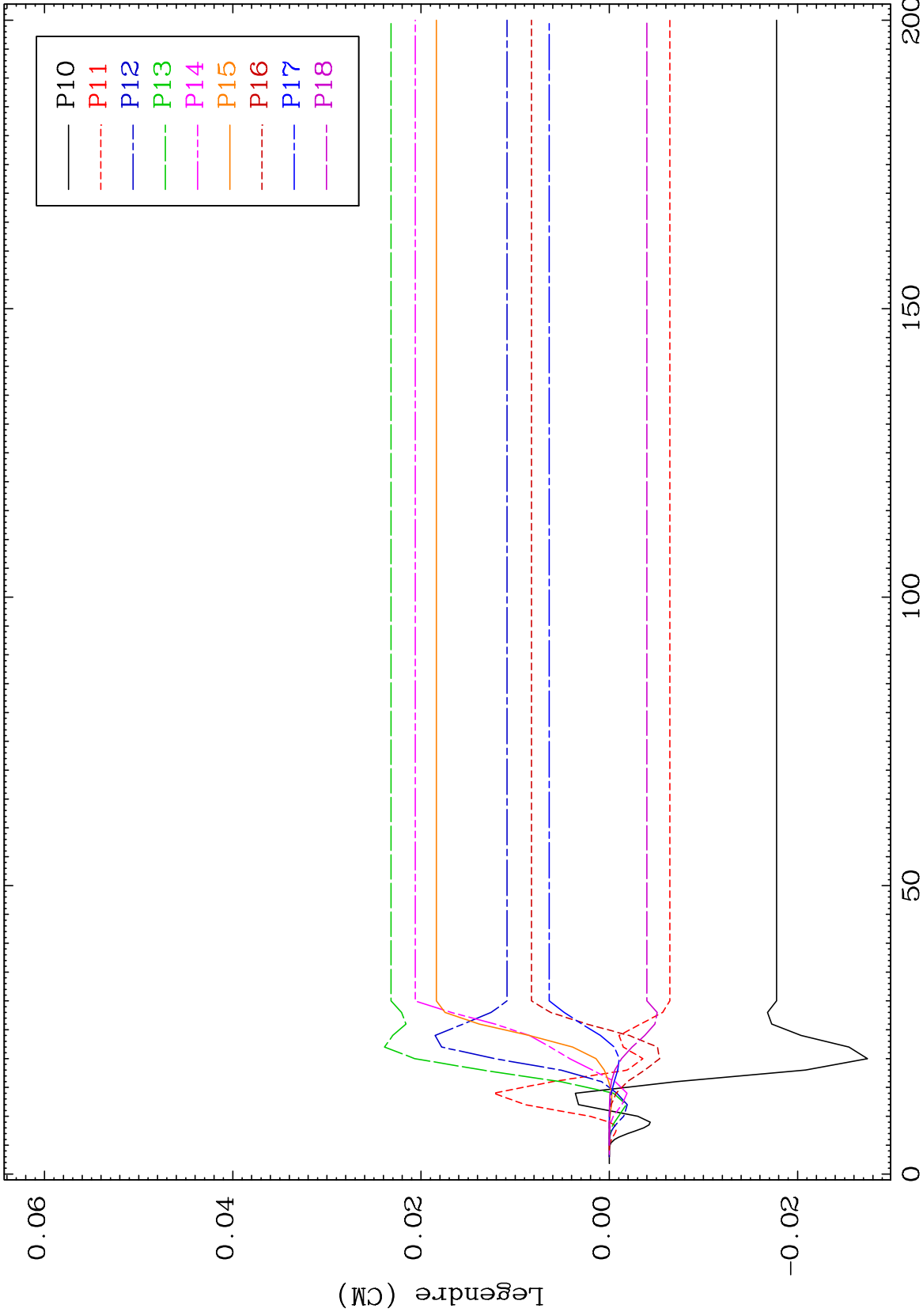
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



89

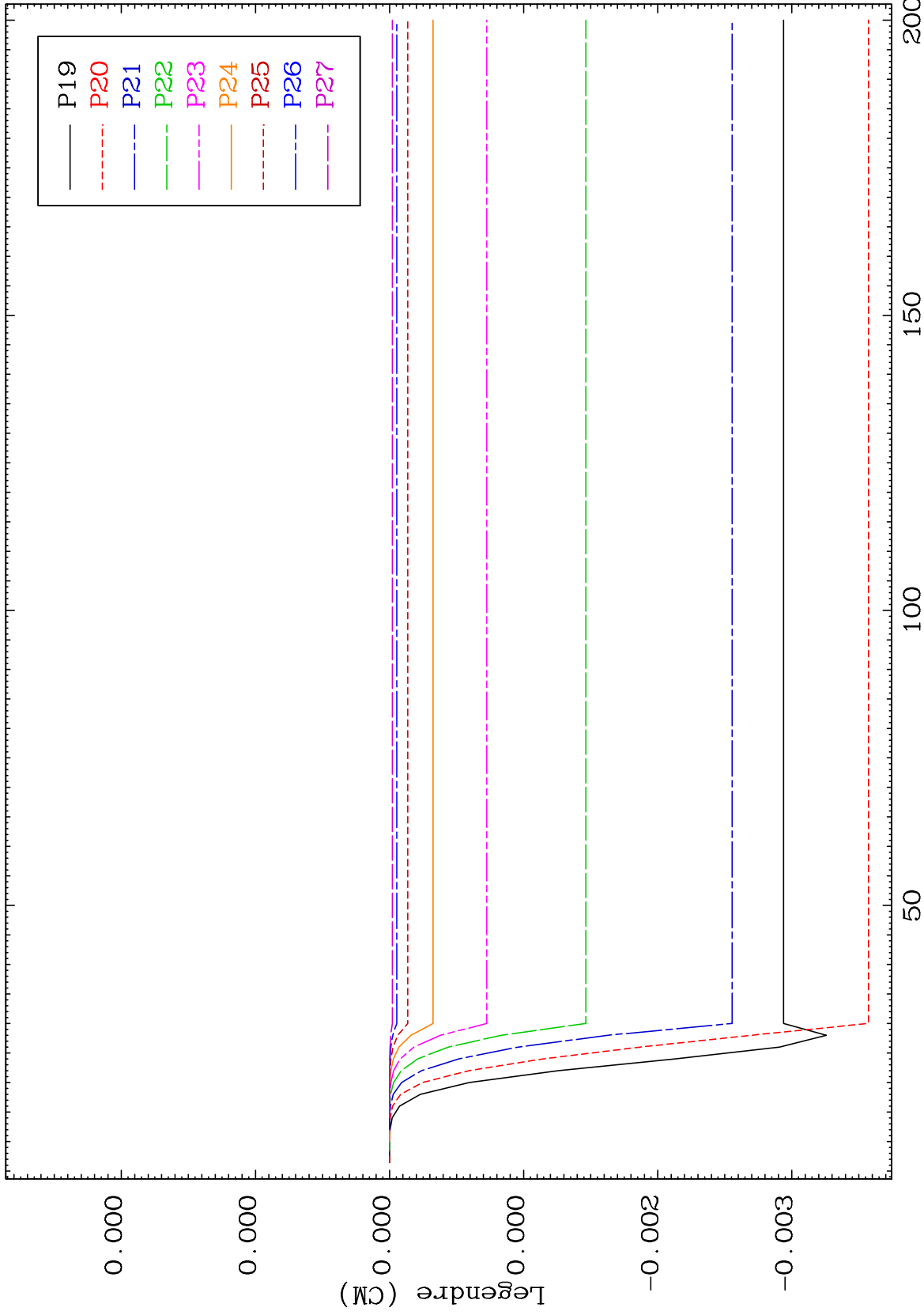
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



90

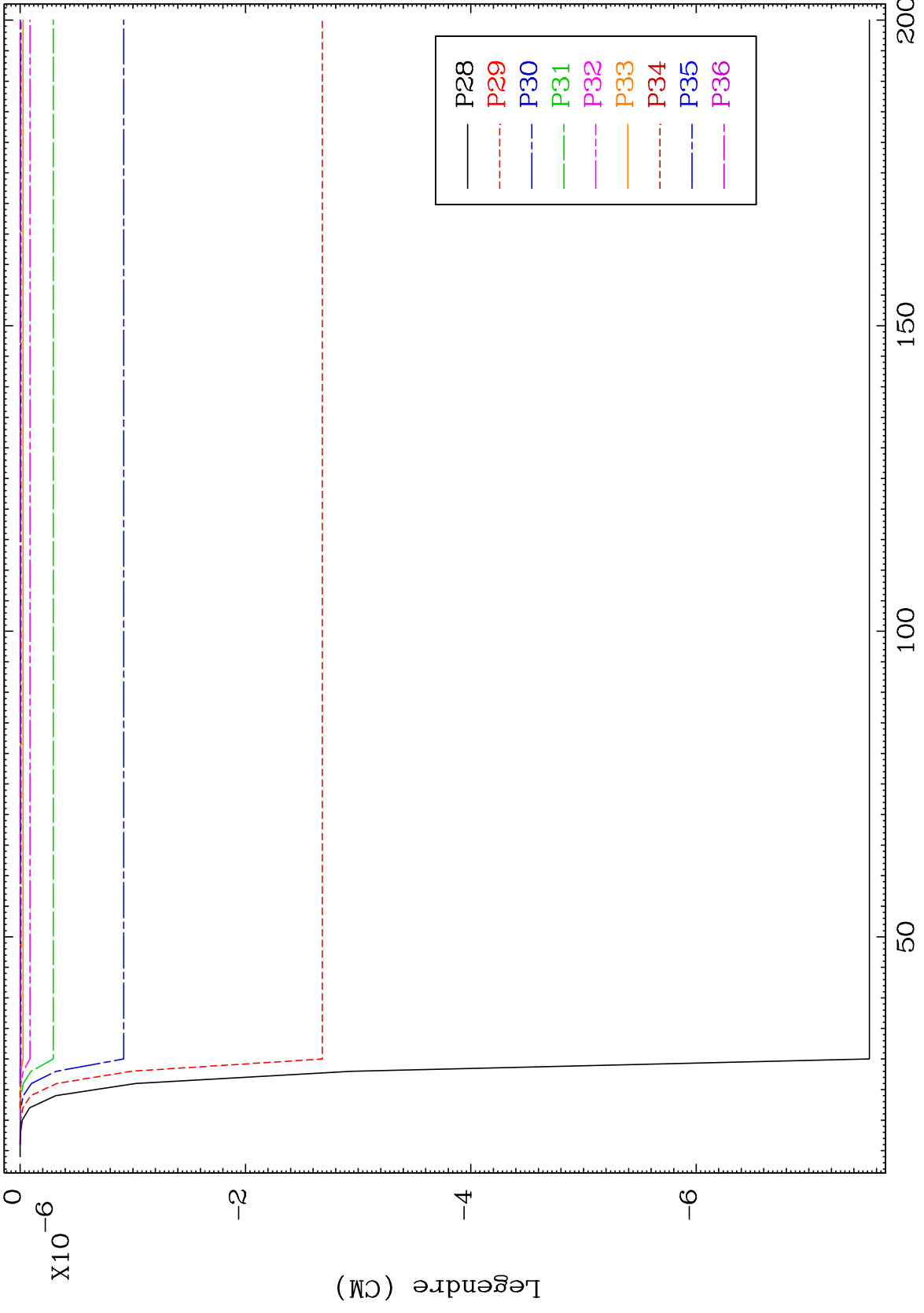
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



66-Dy-158

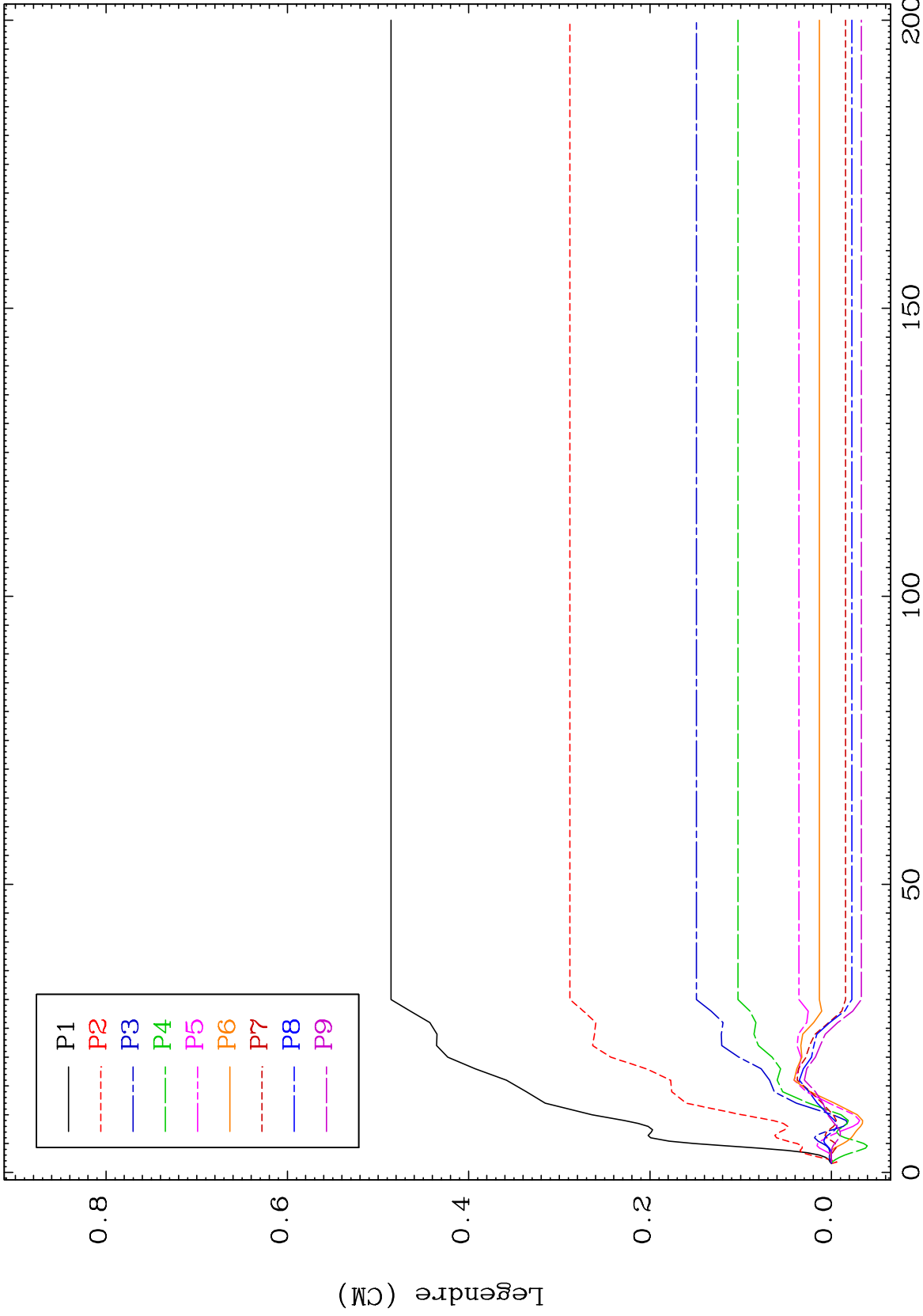
Incident Energy (MeV)

91

MAT 6631

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

66-Dy-158



92

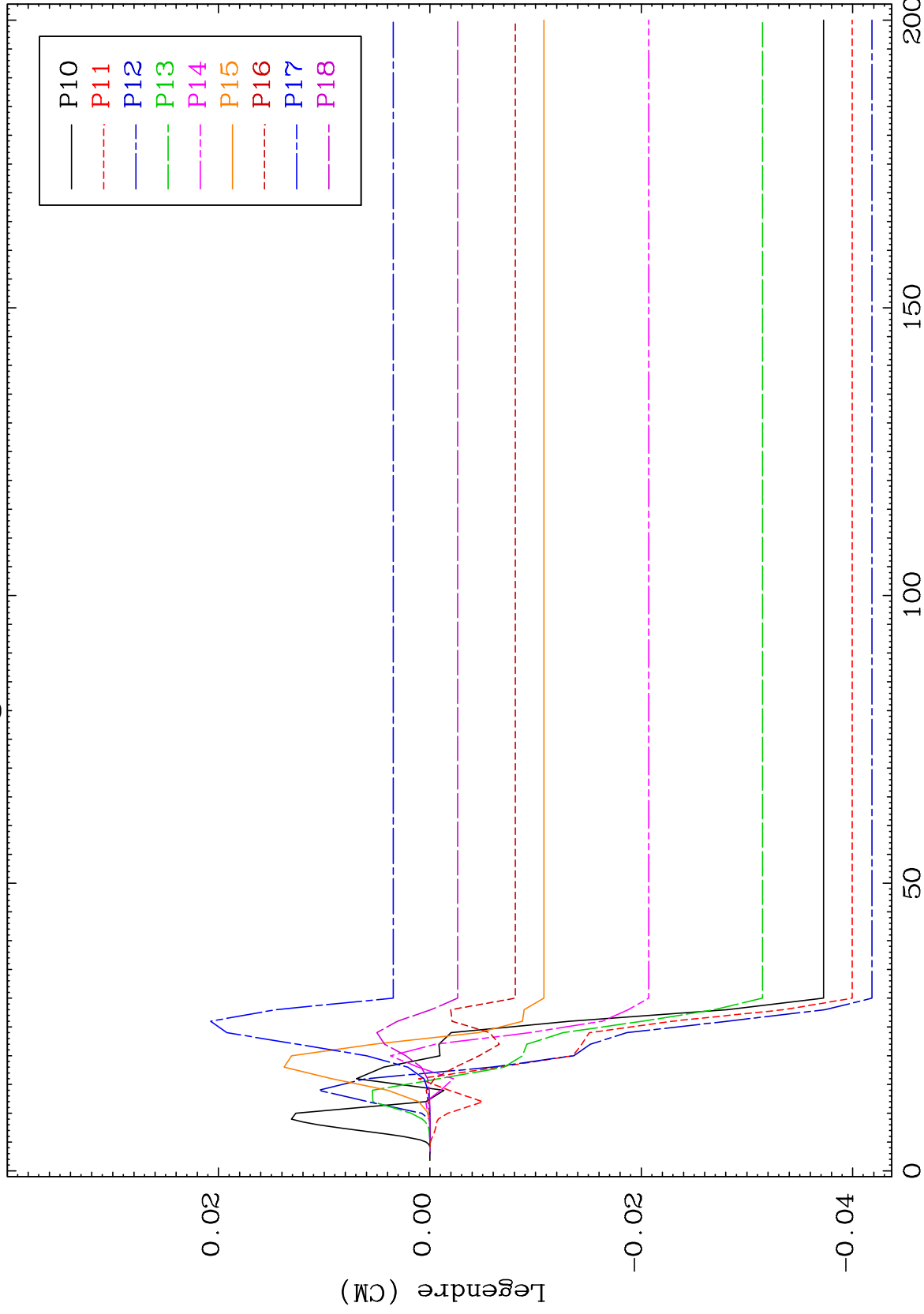
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



93

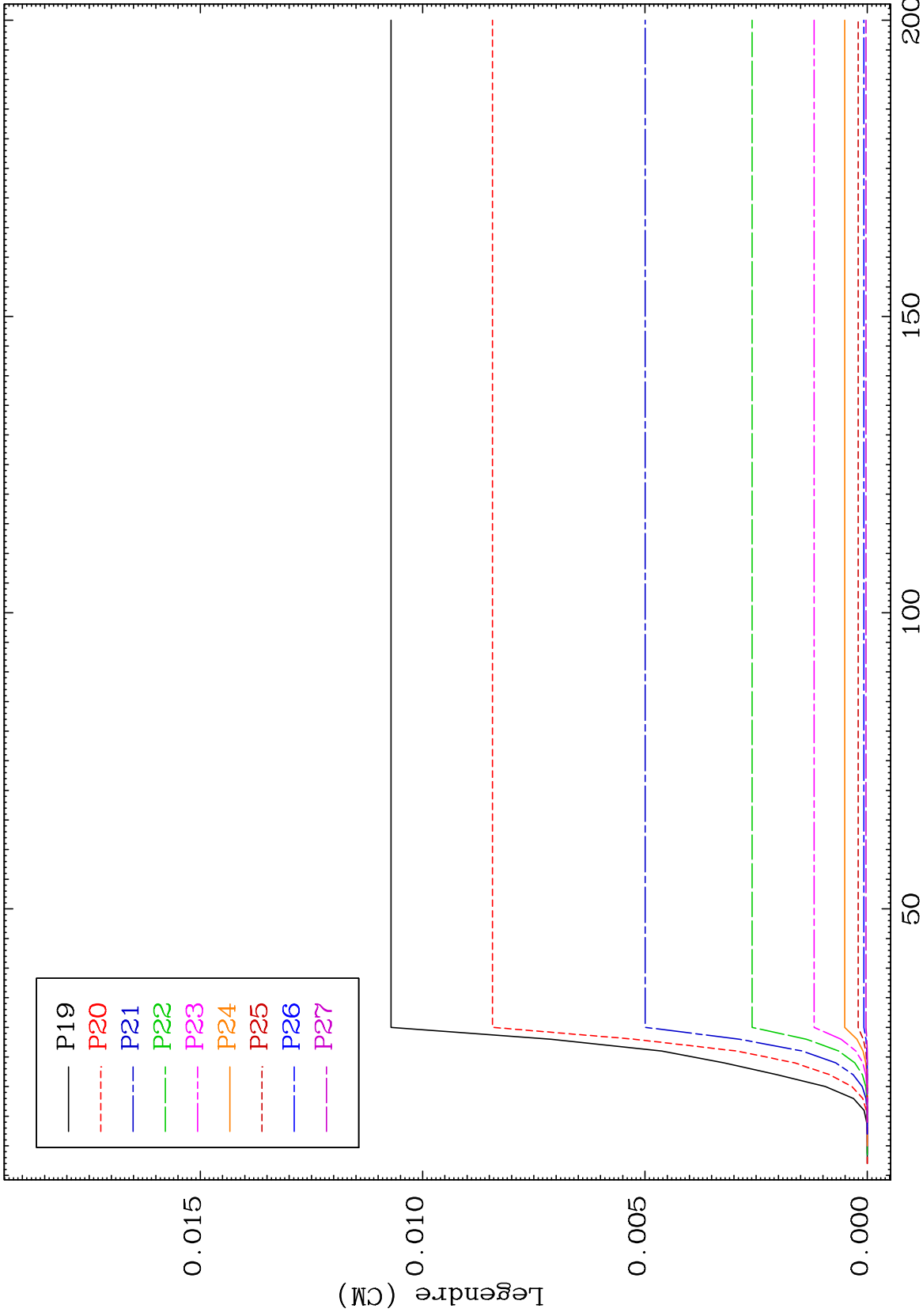
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



94

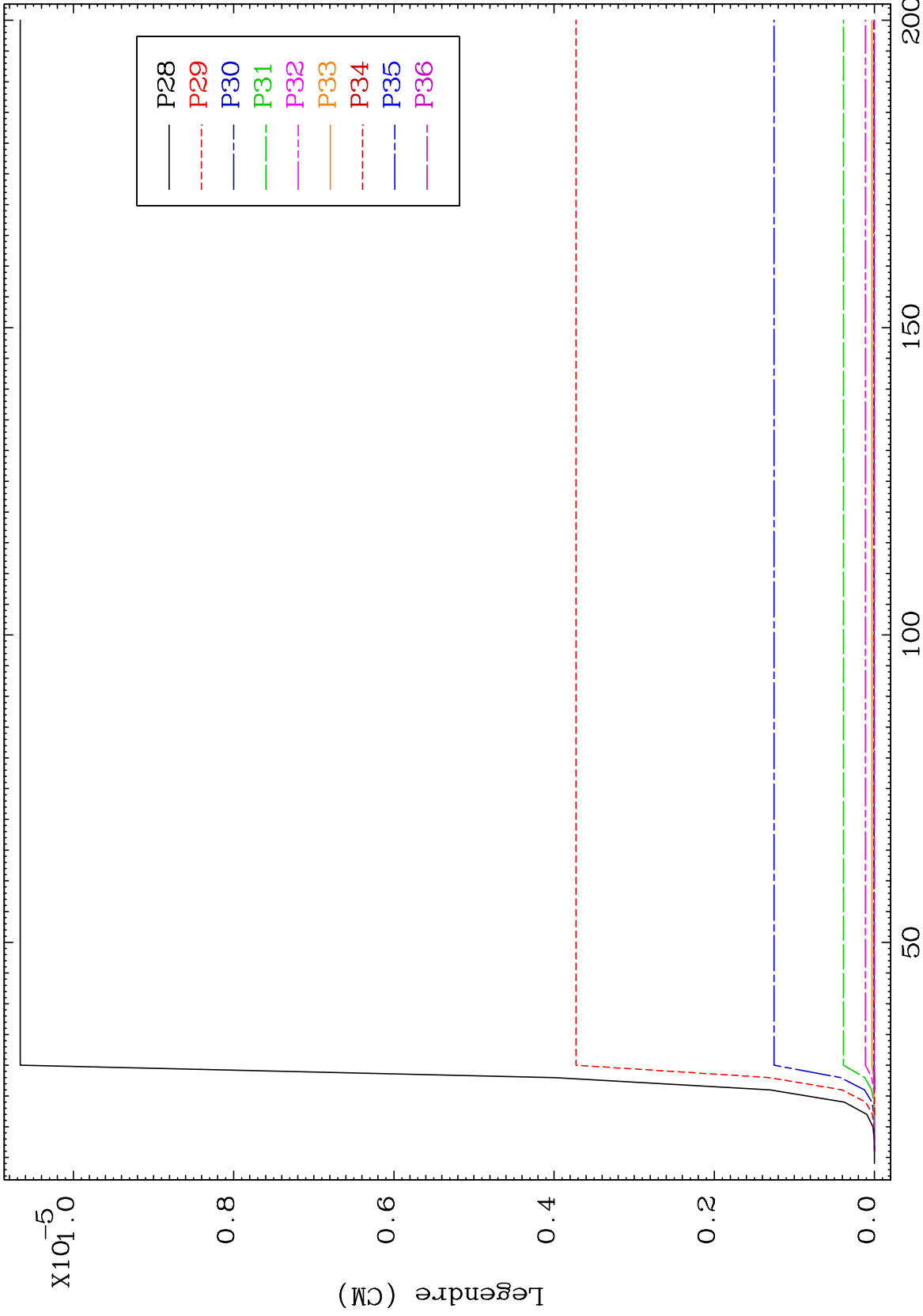
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



95

Incident Energy (MeV)

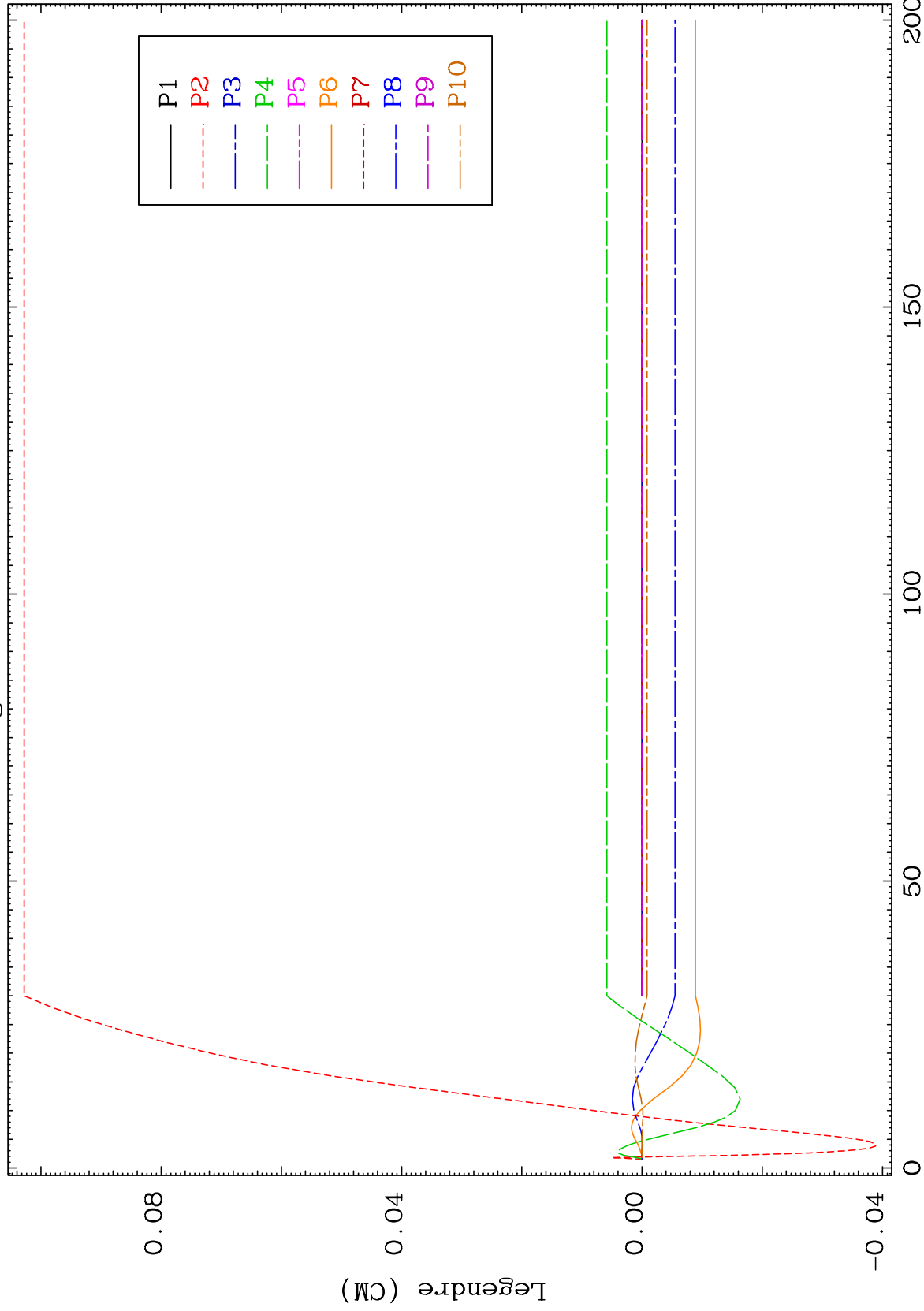
66-Dy-158



MAT 6631

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

66-Dy-158



96

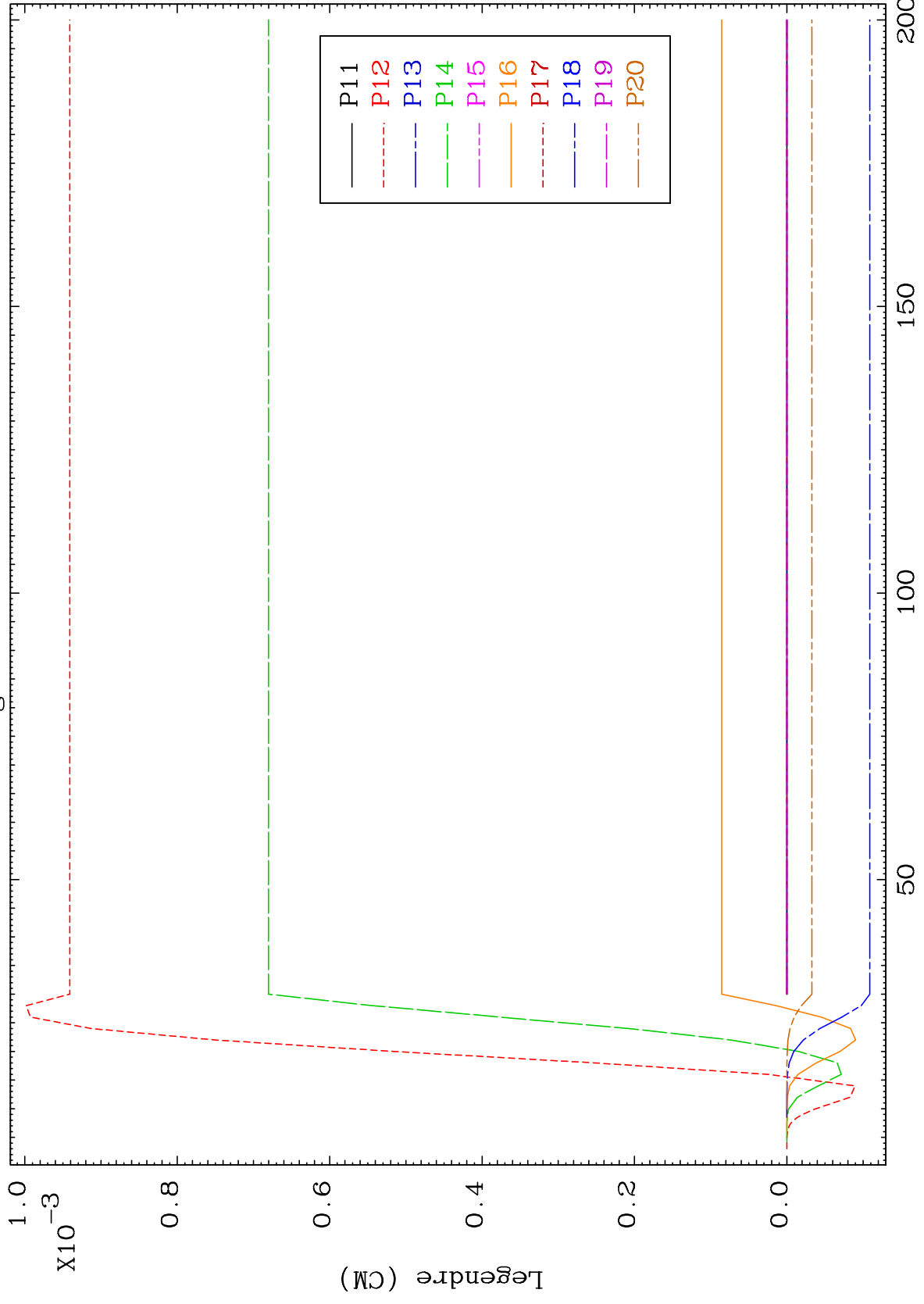
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



66-Dy-158

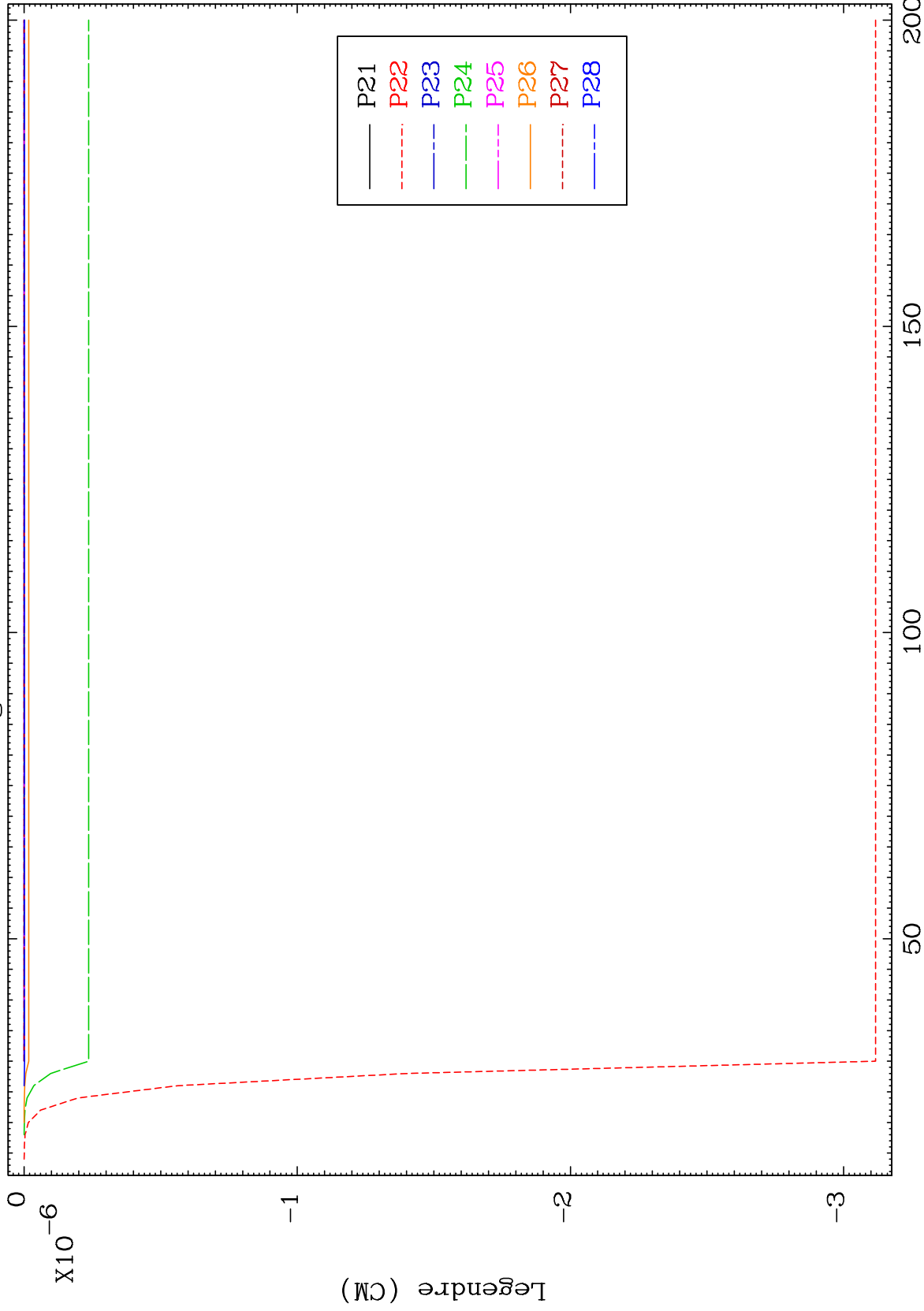
Incident Energy (MeV)

97

MAT 6631

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

66-Dy-158



98

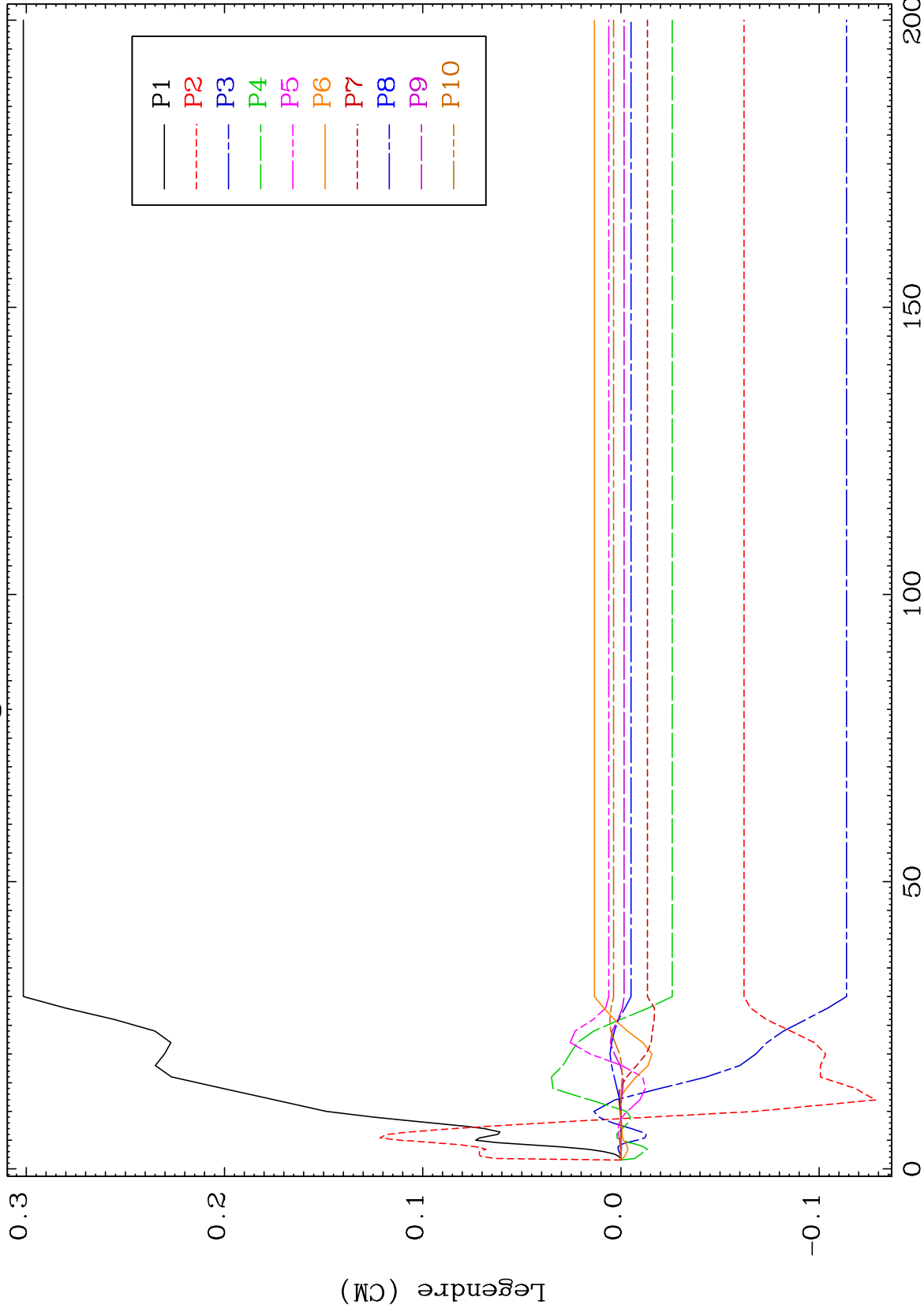
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



99

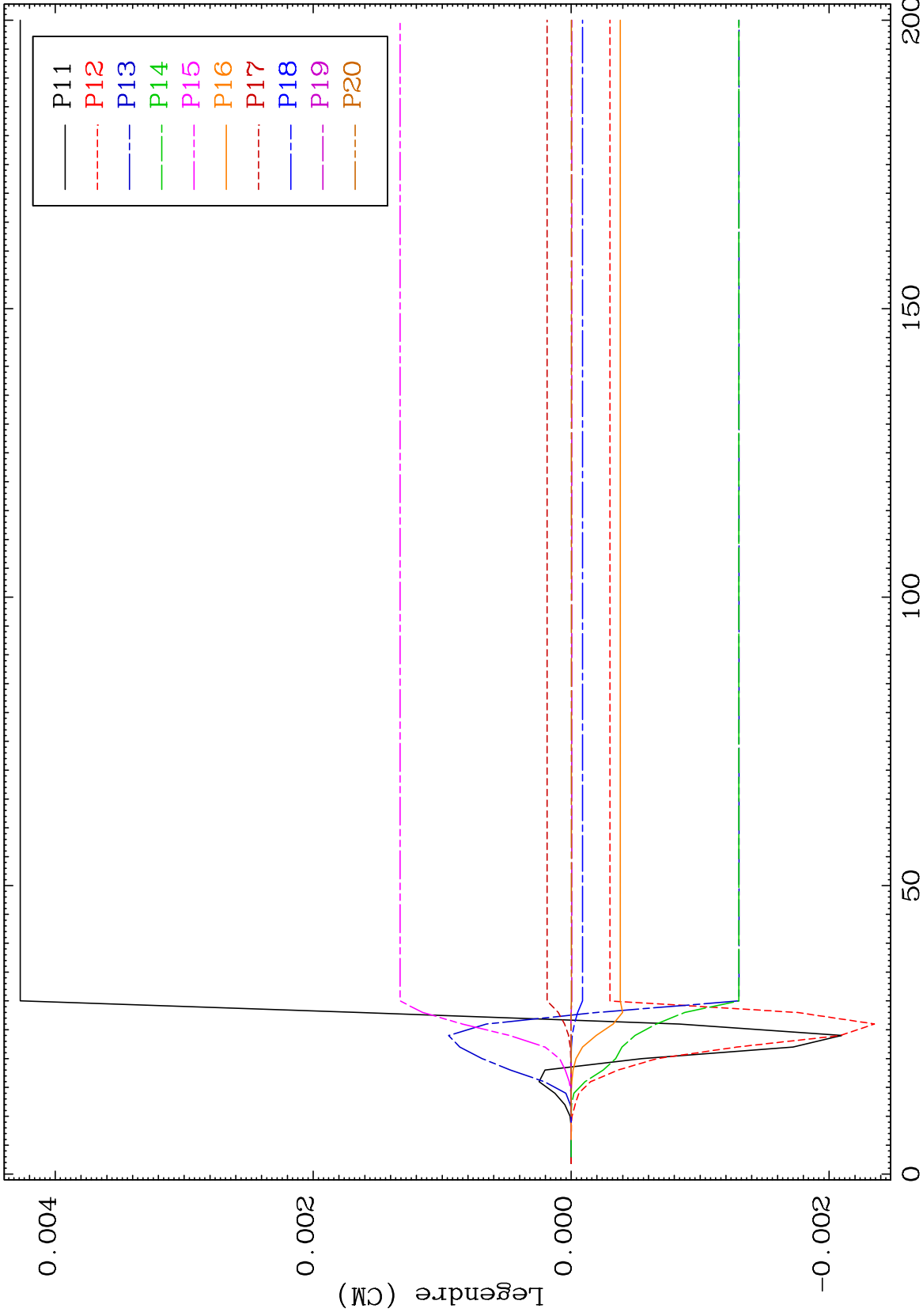
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



66-Dy-158

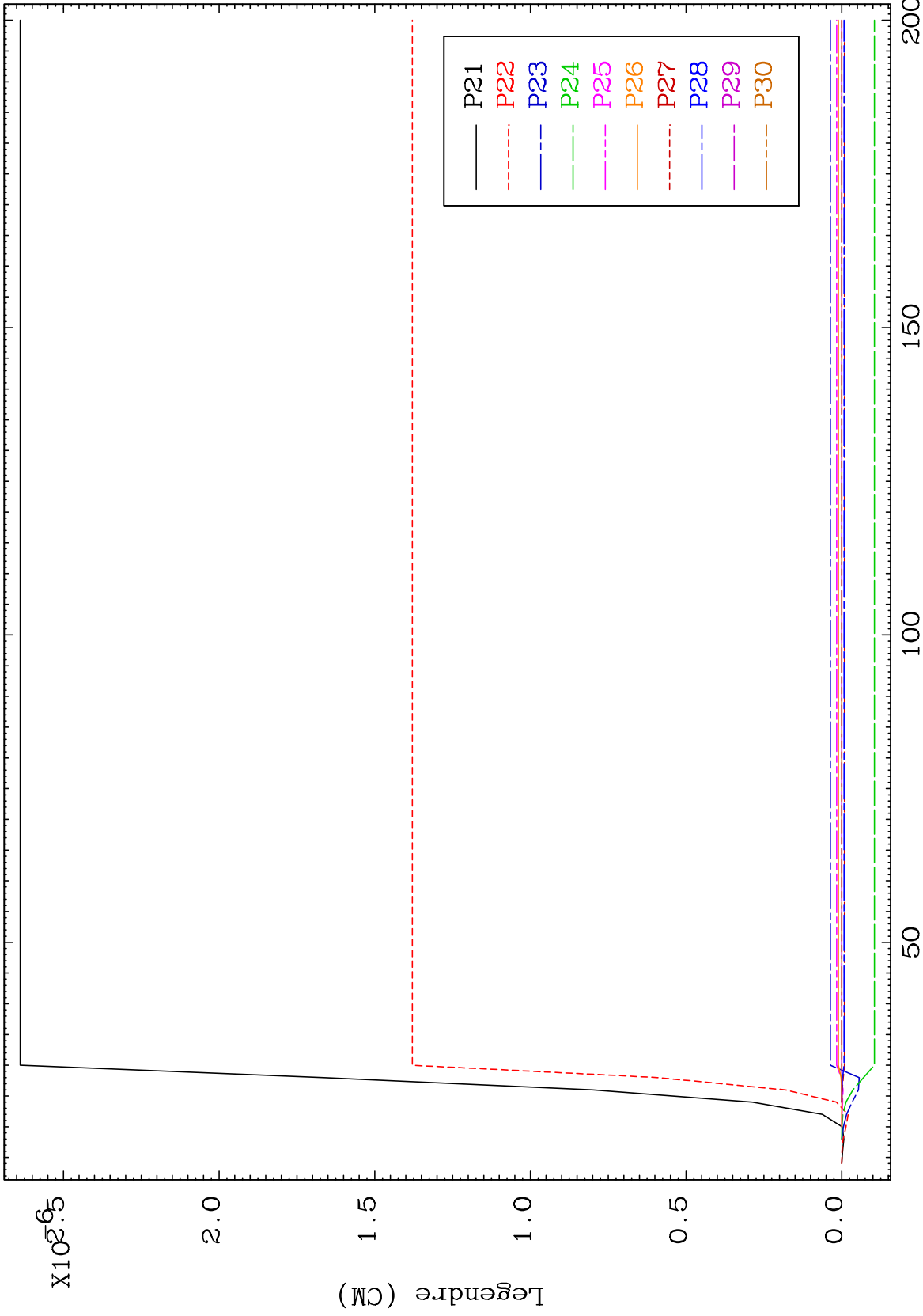
Incident Energy (MeV)

Legendre (CM)

MAT 6631

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

66-Dy-158



101

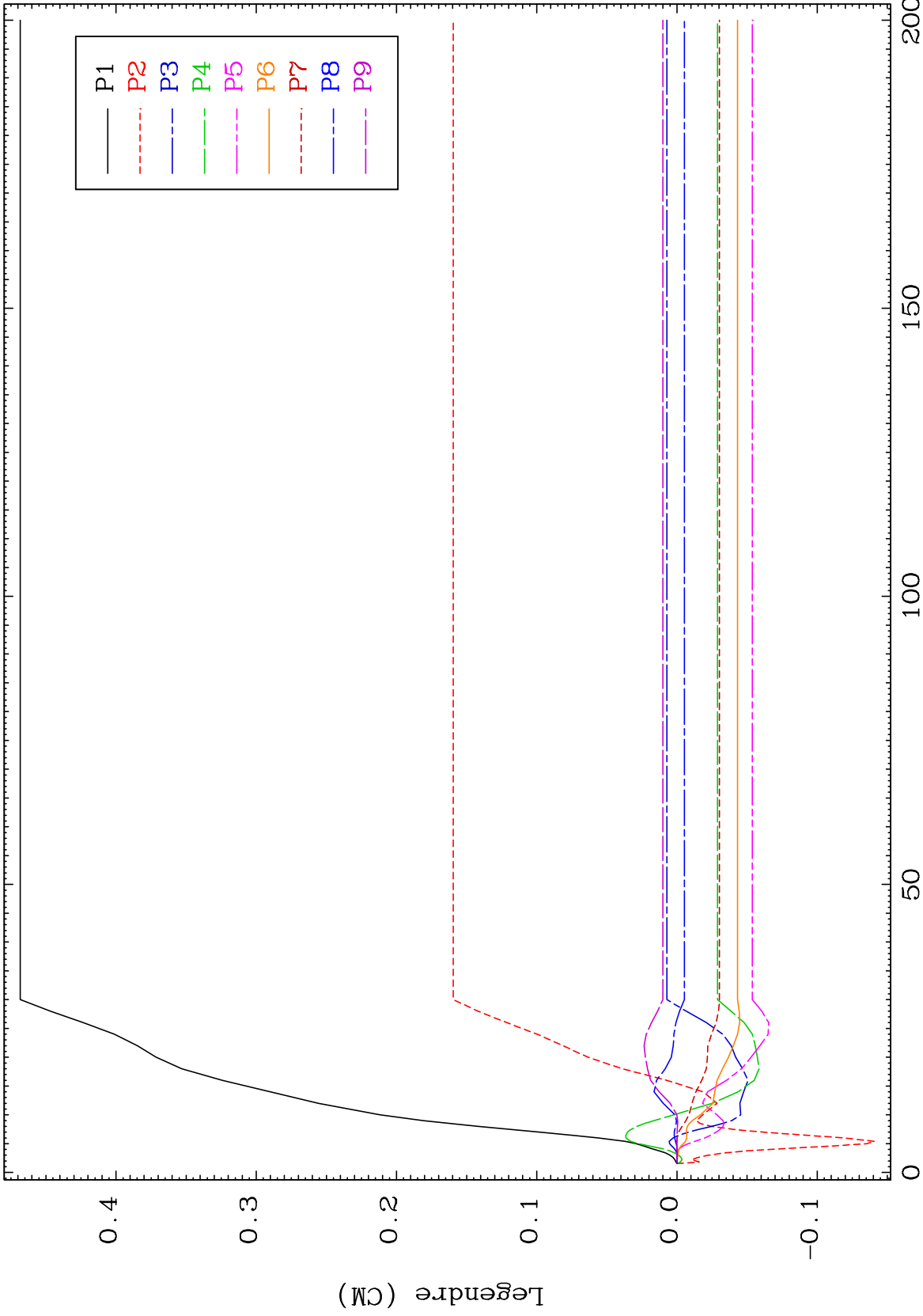
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



102

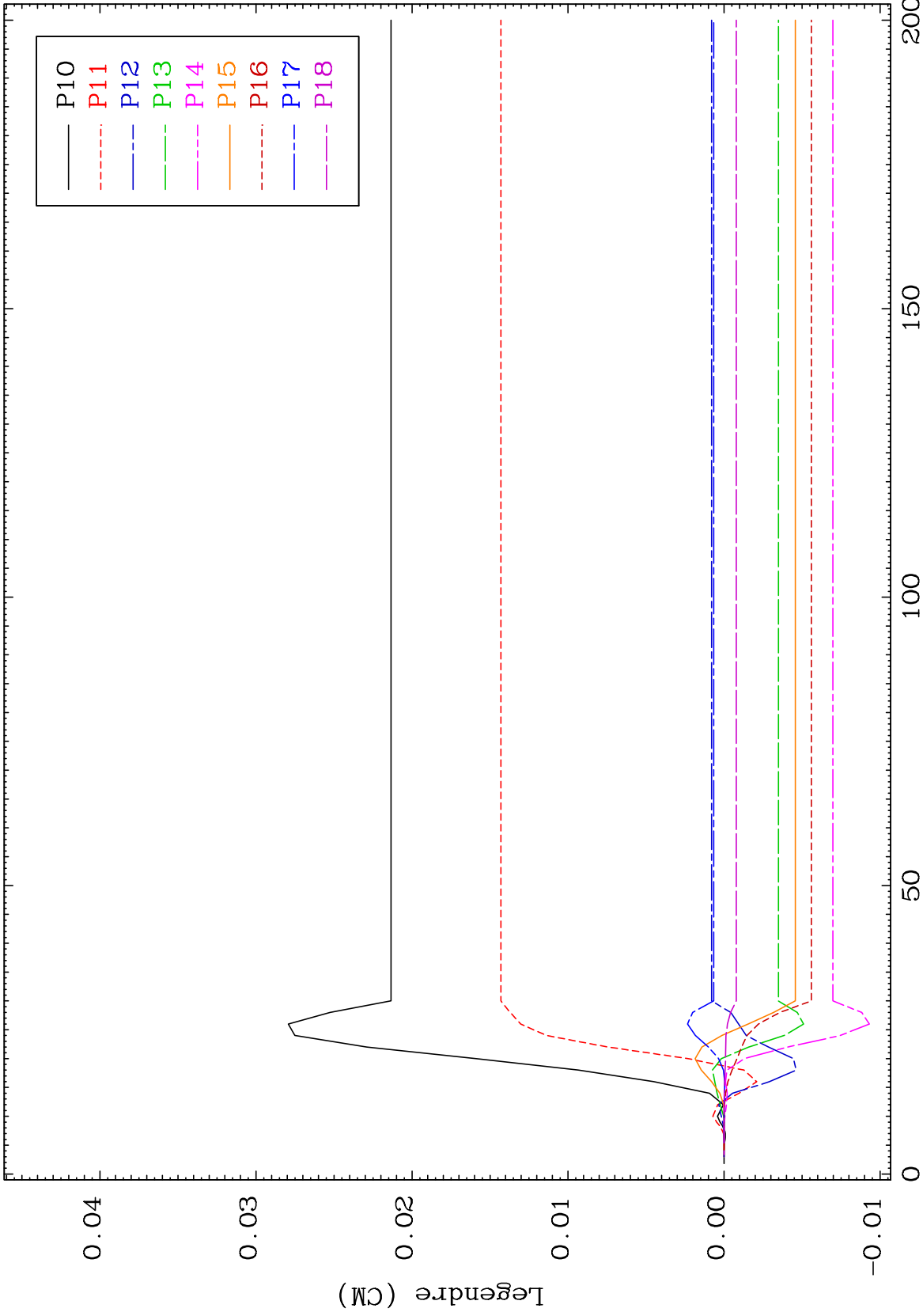
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



103

Incident Energy (MeV)

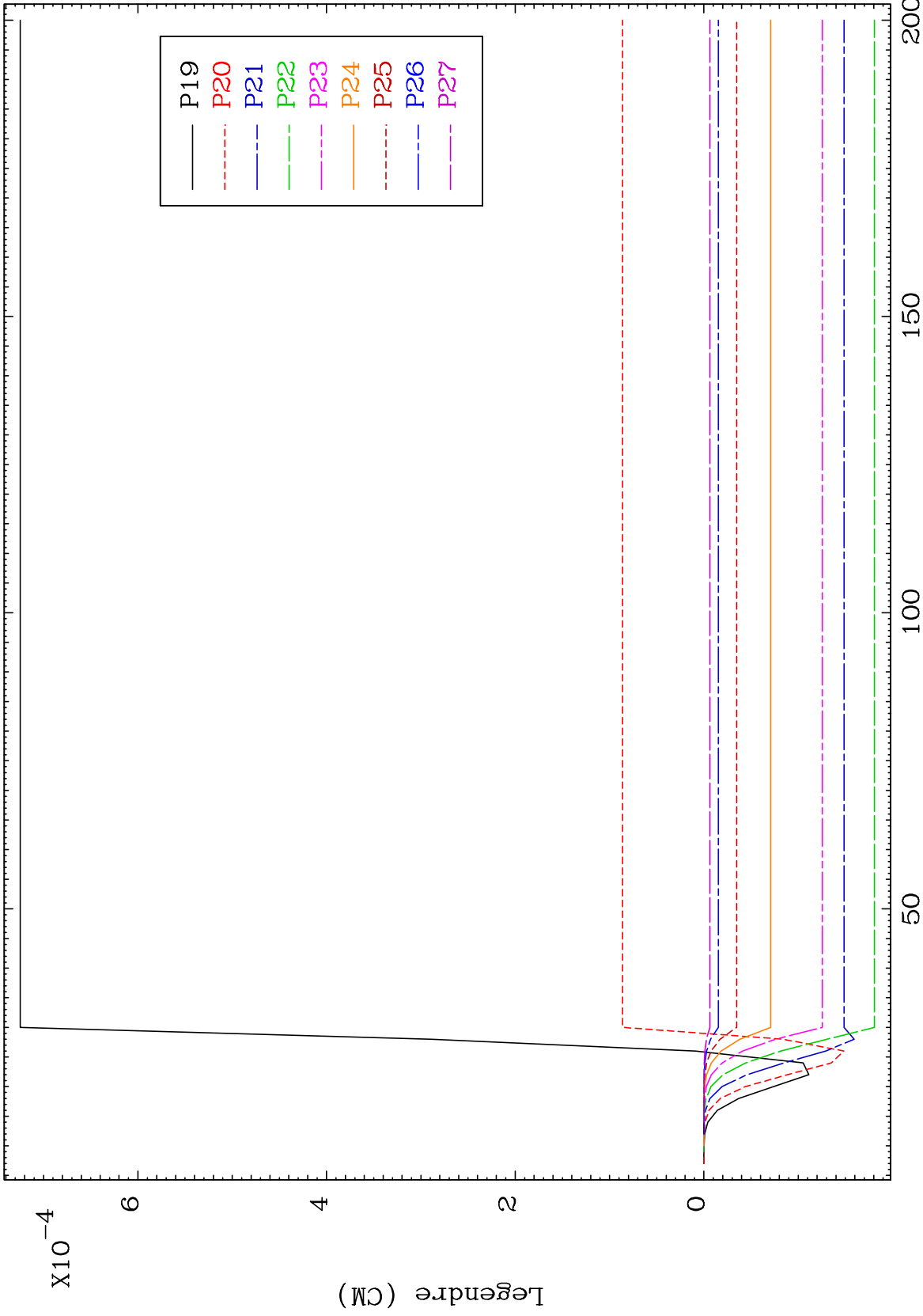
66-Dy-158



MAT 6631

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

66-Dy-158



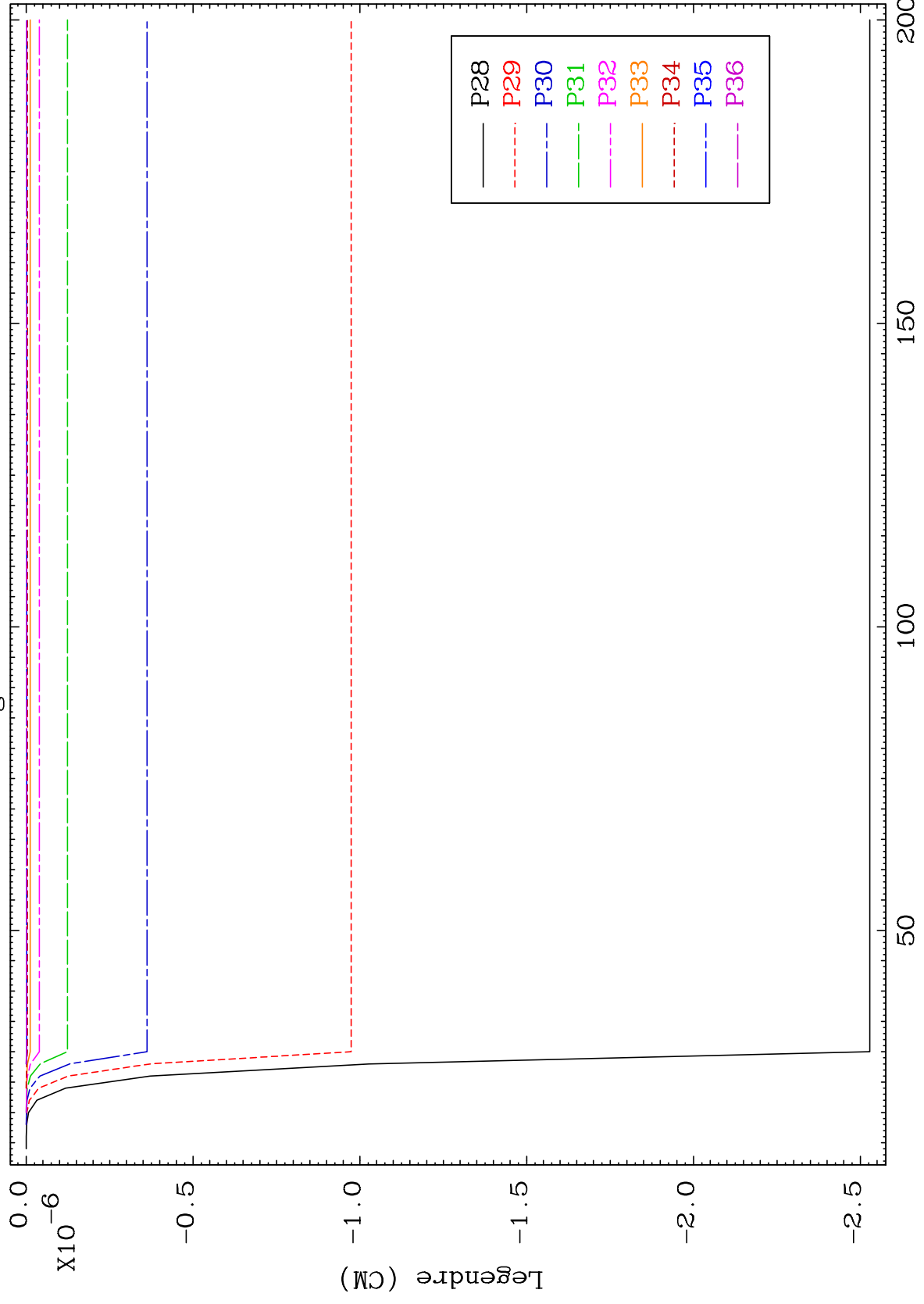
104

66-Dy-158

MAT 6631

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

66-Dy-158



66-Dy-158

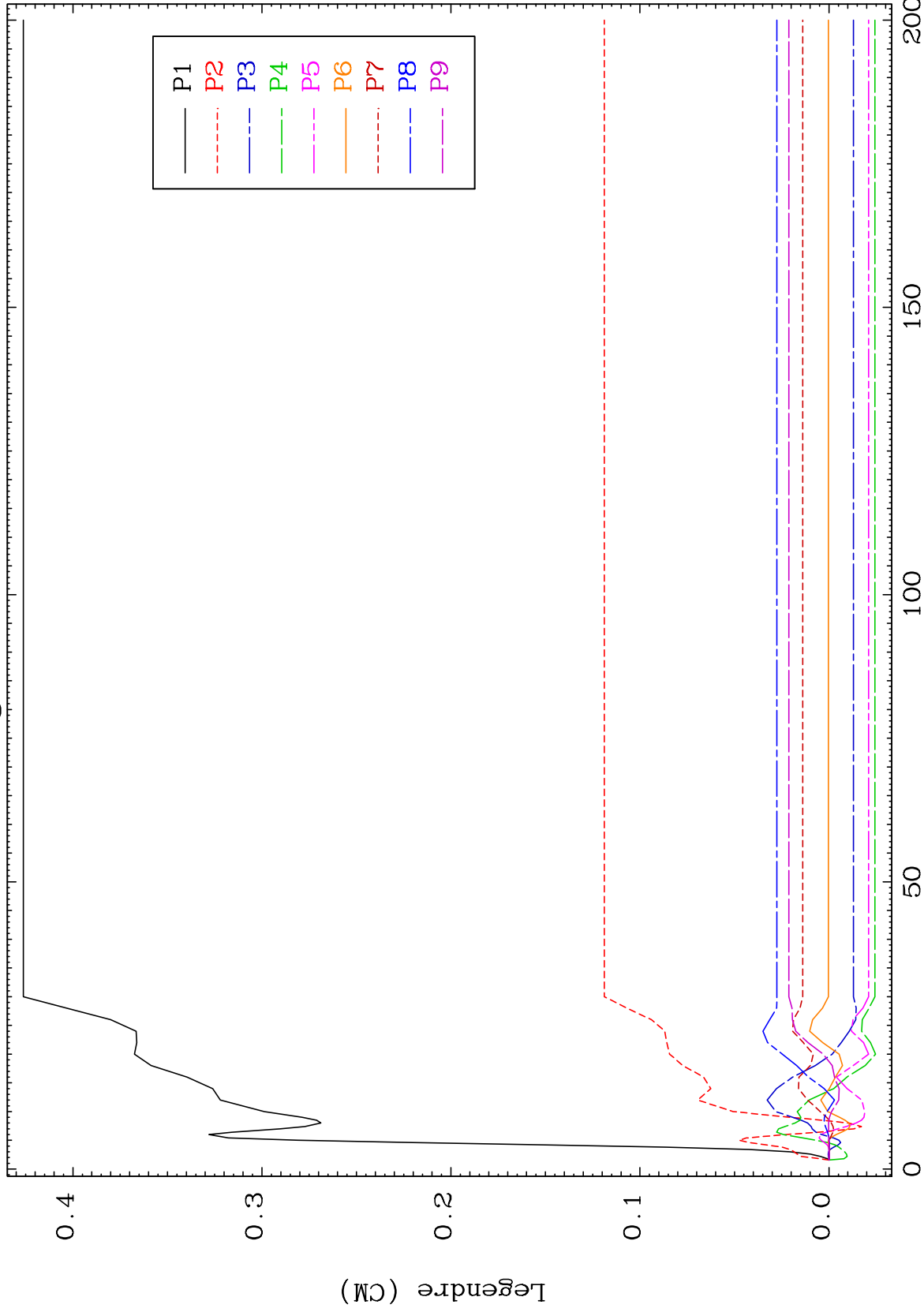
Incident Energy (MeV)

105

MAT 6631

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

66-Dy-158



106

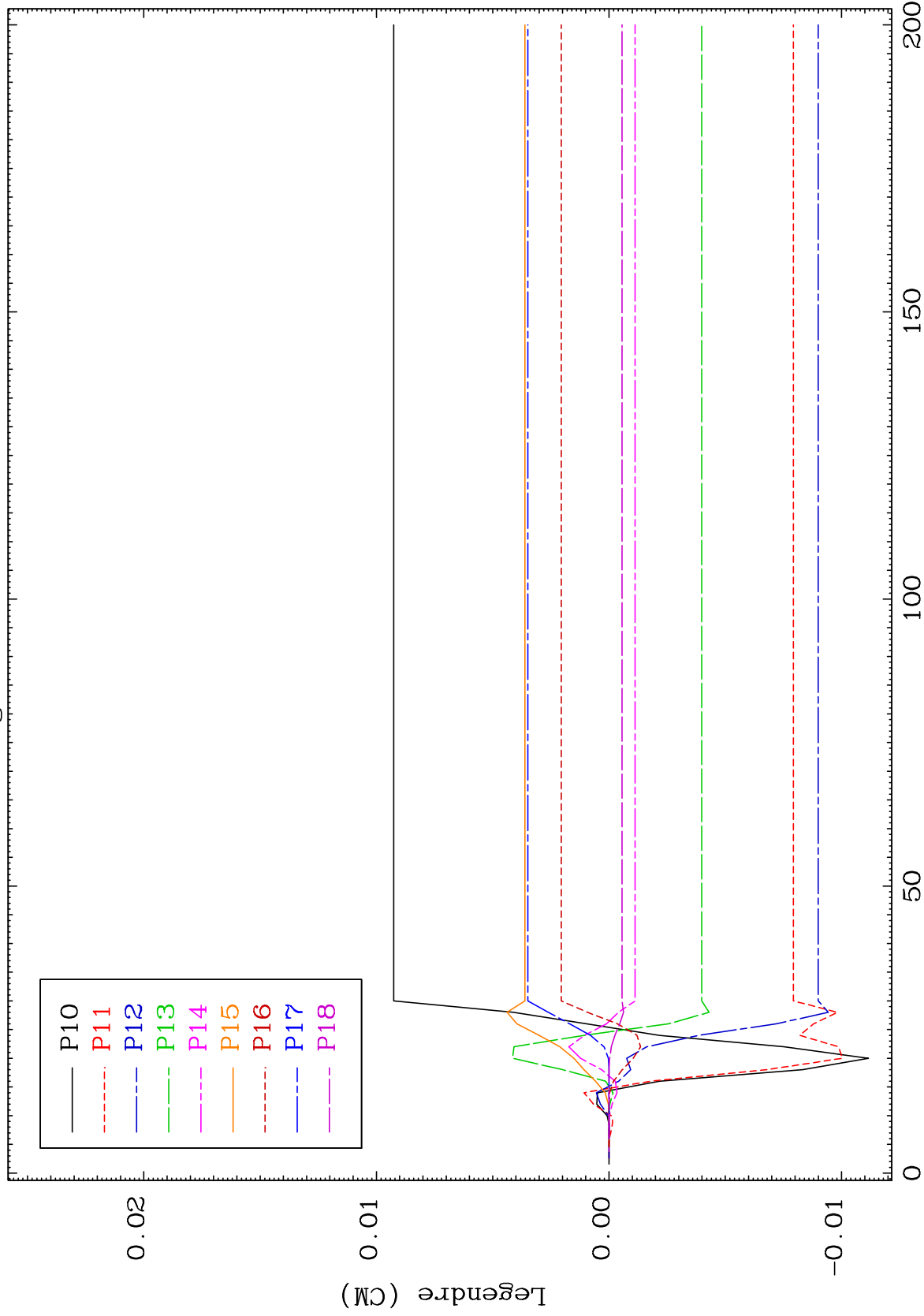
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



107

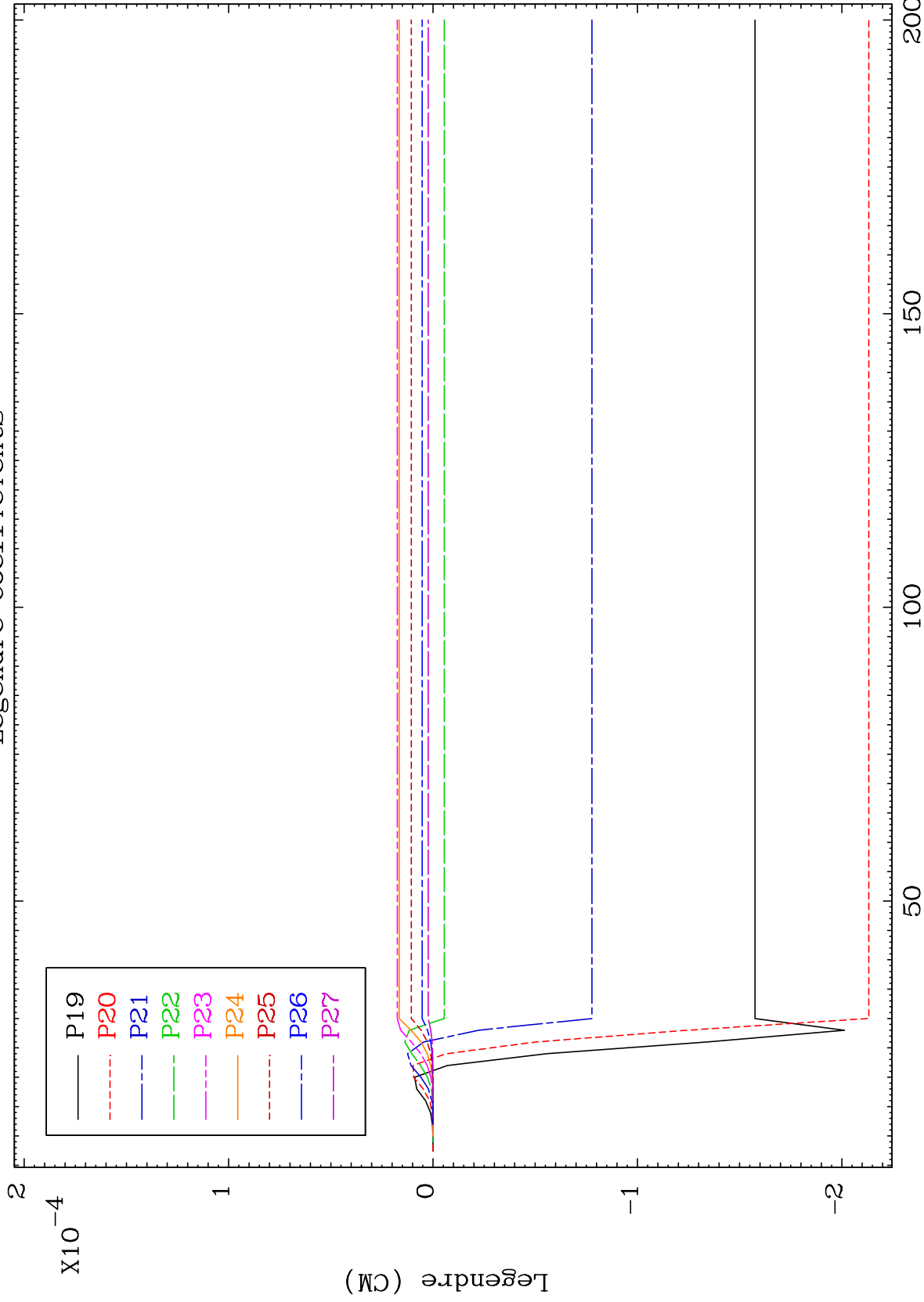
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



108

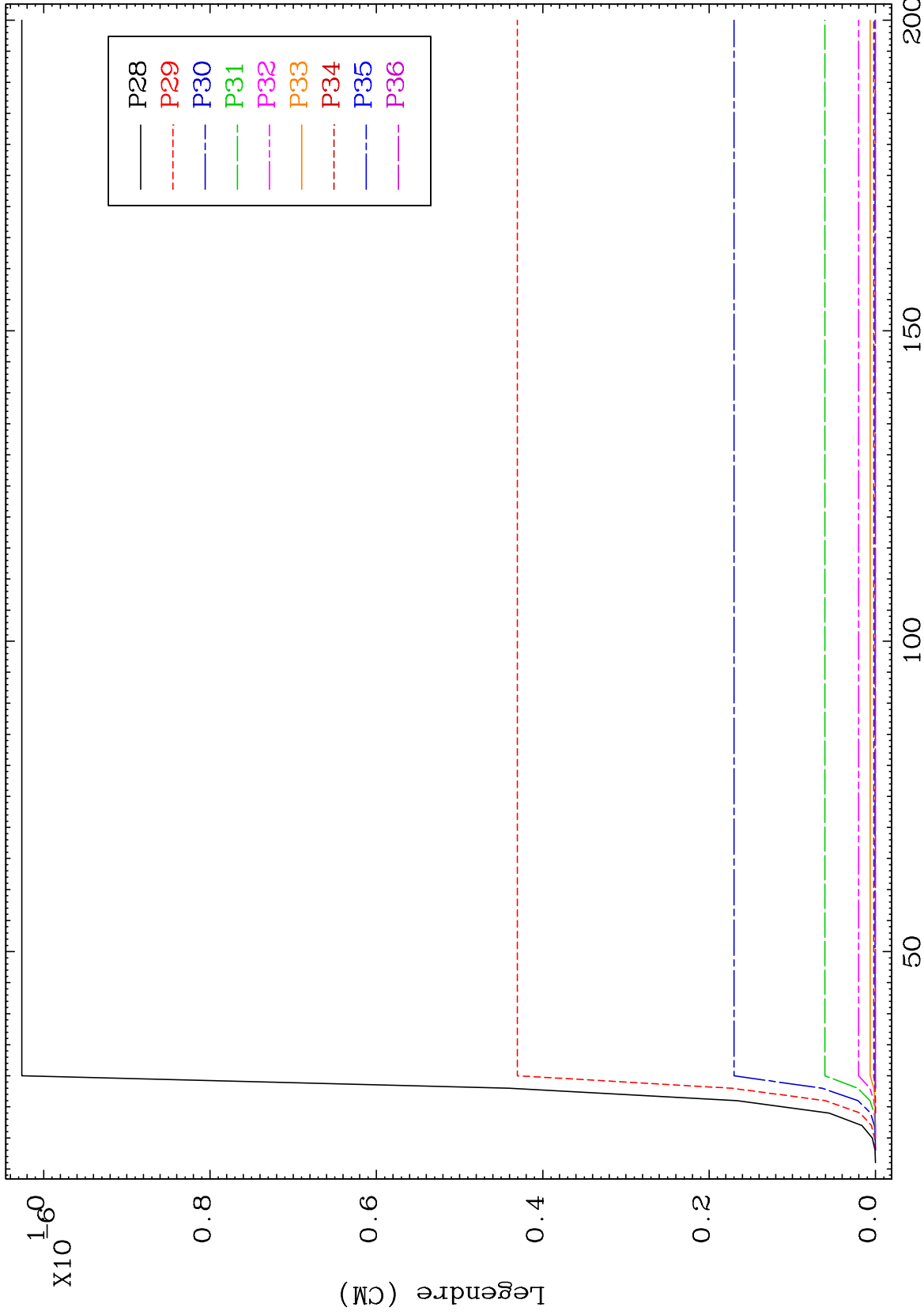
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



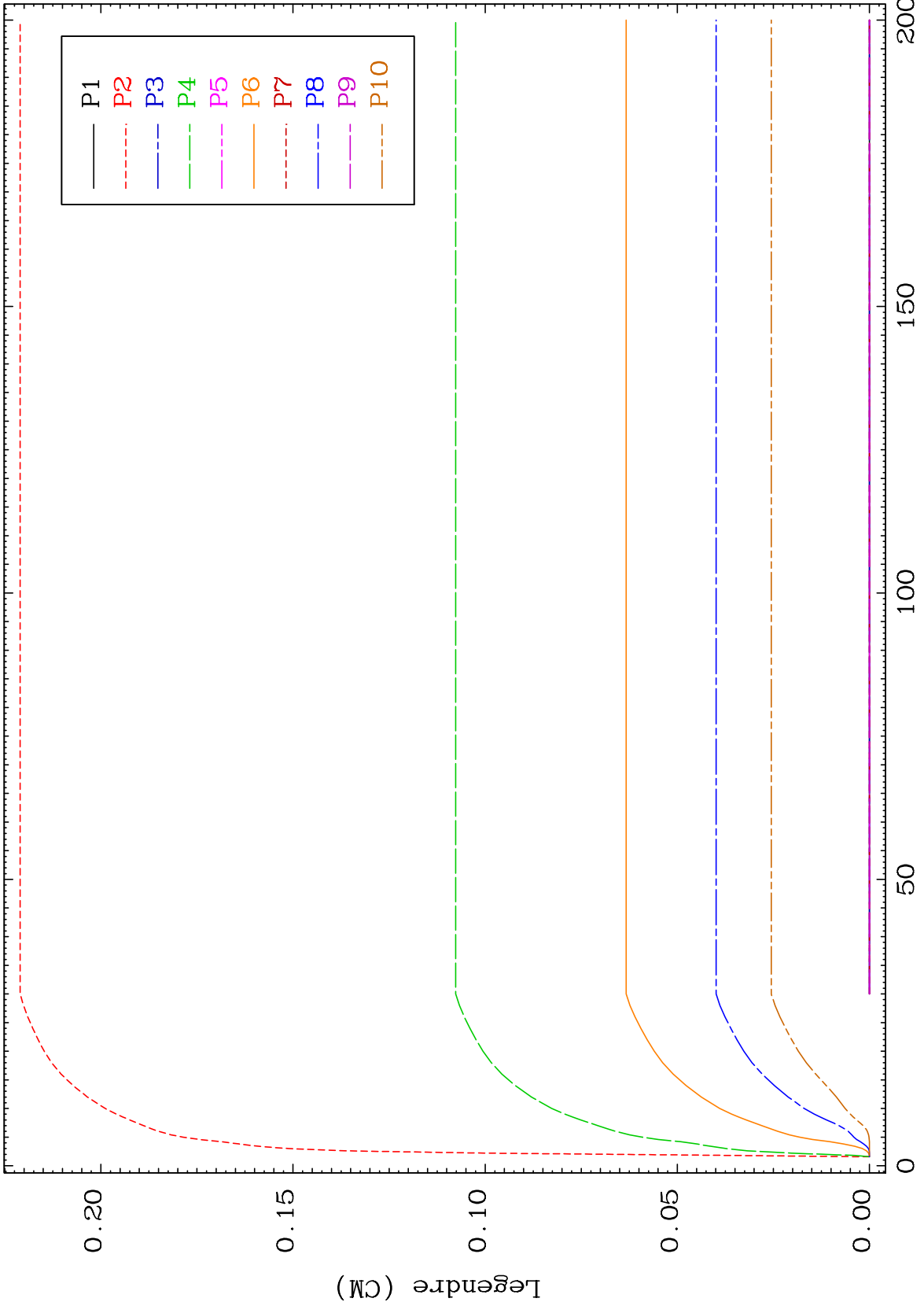
109

66-Dy-158

MAT 6631

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

66-Dy-158



66-Dy-158

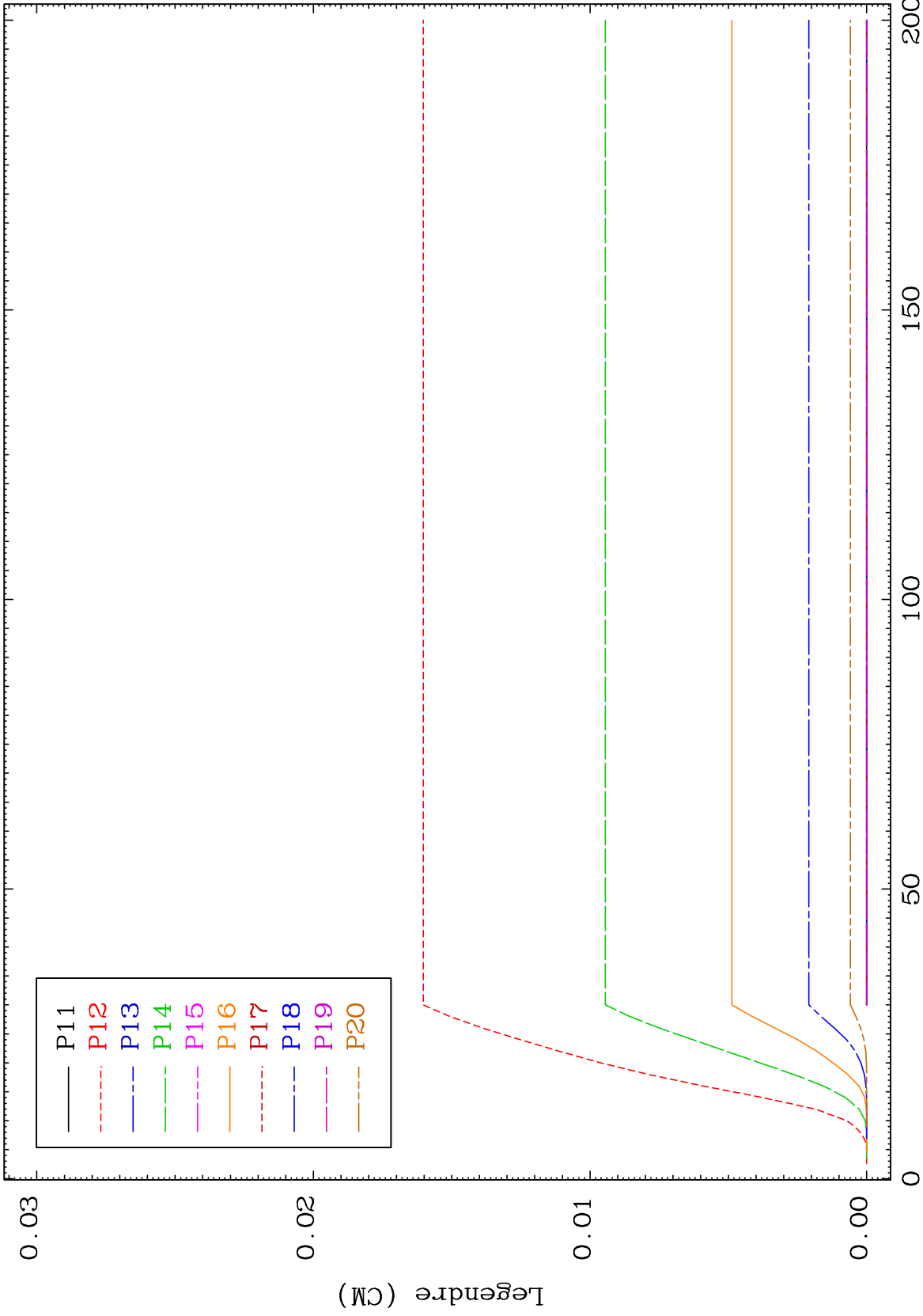
Incident Energy (MeV)

110

MAT 6631

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

66-Dy-158



111

Incident Energy (MeV)

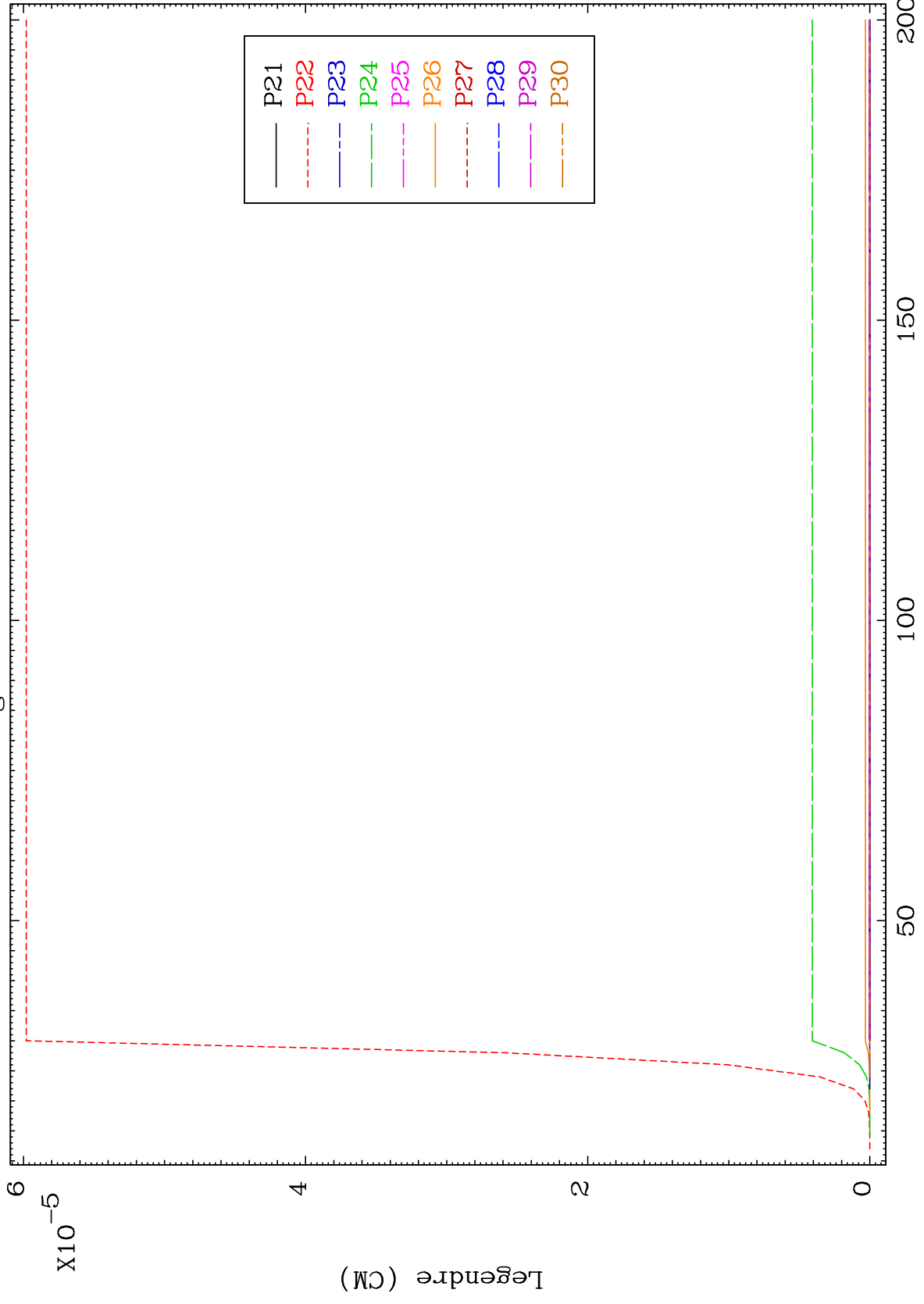
66-Dy-158



MAT 6631

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

66-Dy-158



66-Dy-158

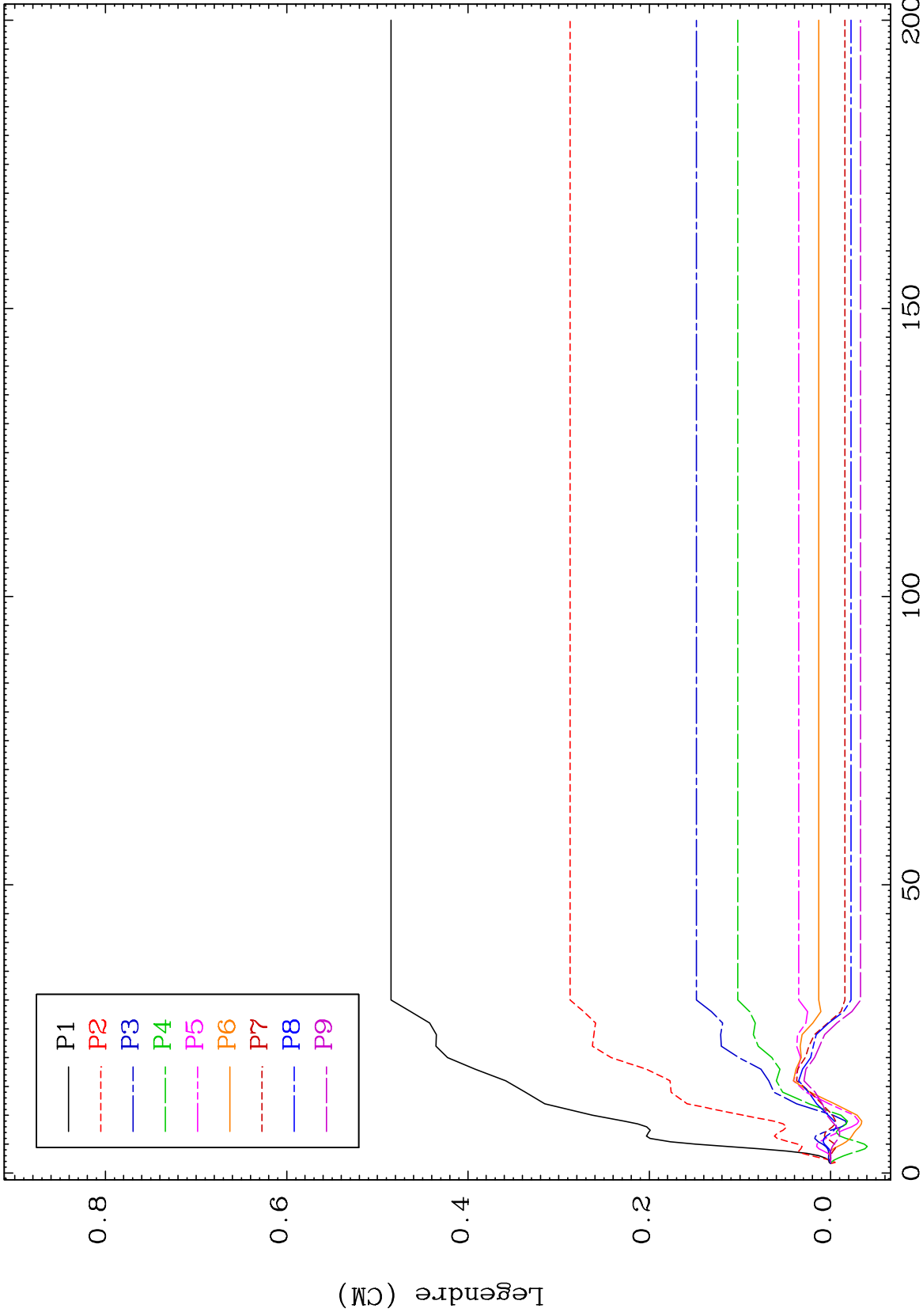
Incident Energy (MeV)

112

MAT 6631

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

66-Dy-158

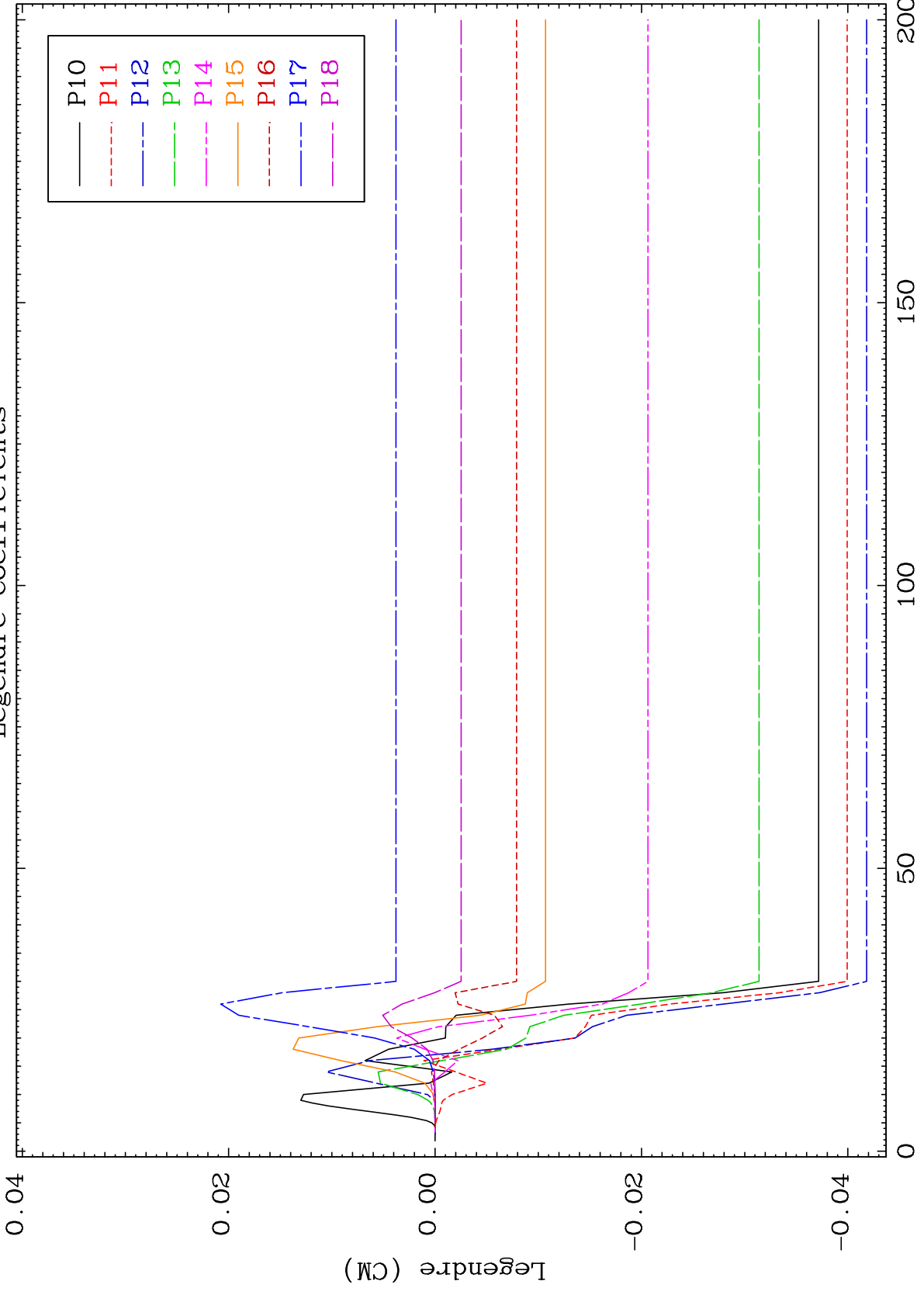


113

Incident Energy (MeV)

66-Dy-158

MAT 6631 MT= 76 (n,n') Level Legendre Coefficients 66-Dy-158

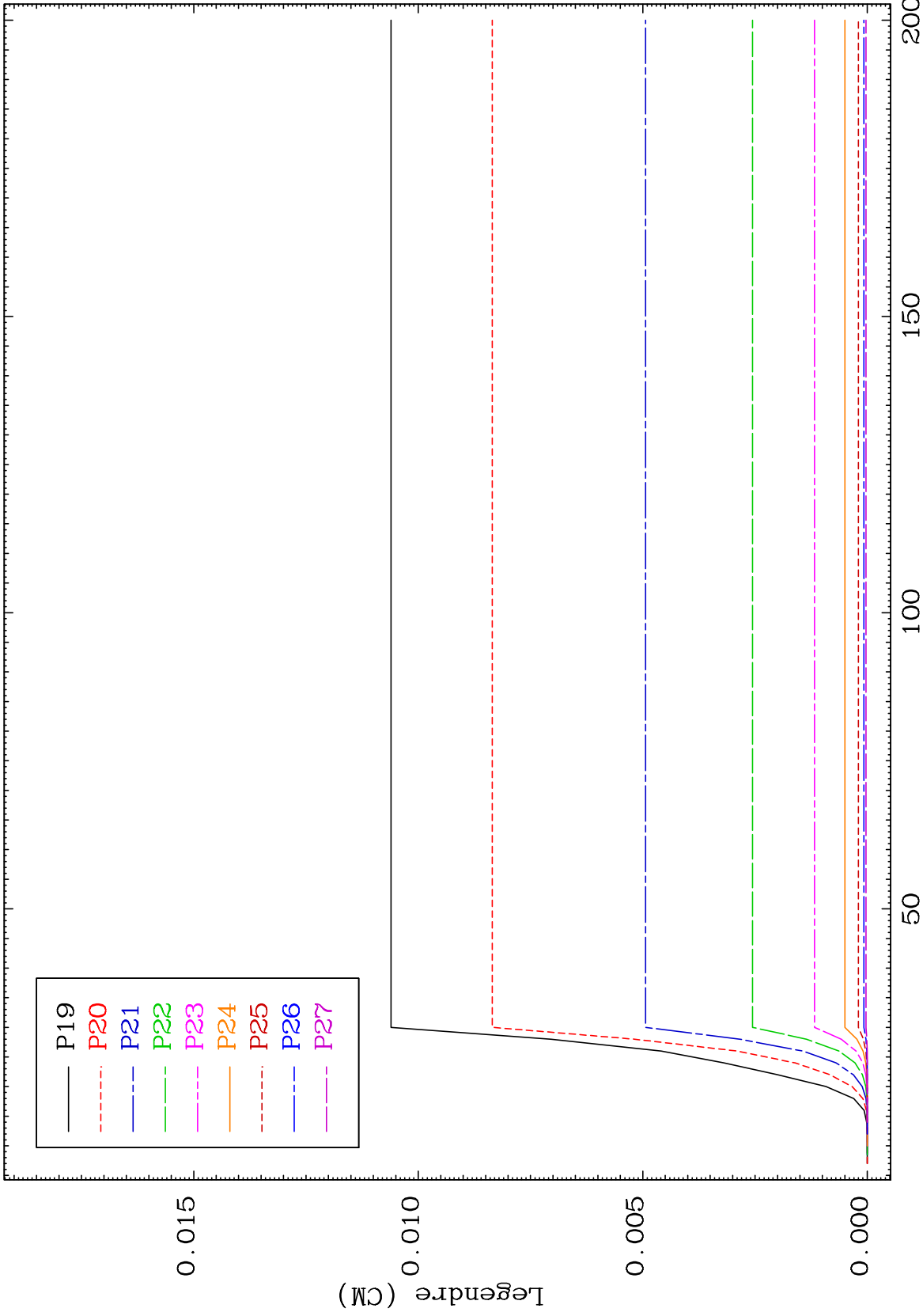


114 66-Dy-158

MAT 6631

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

66-Dy-158



115

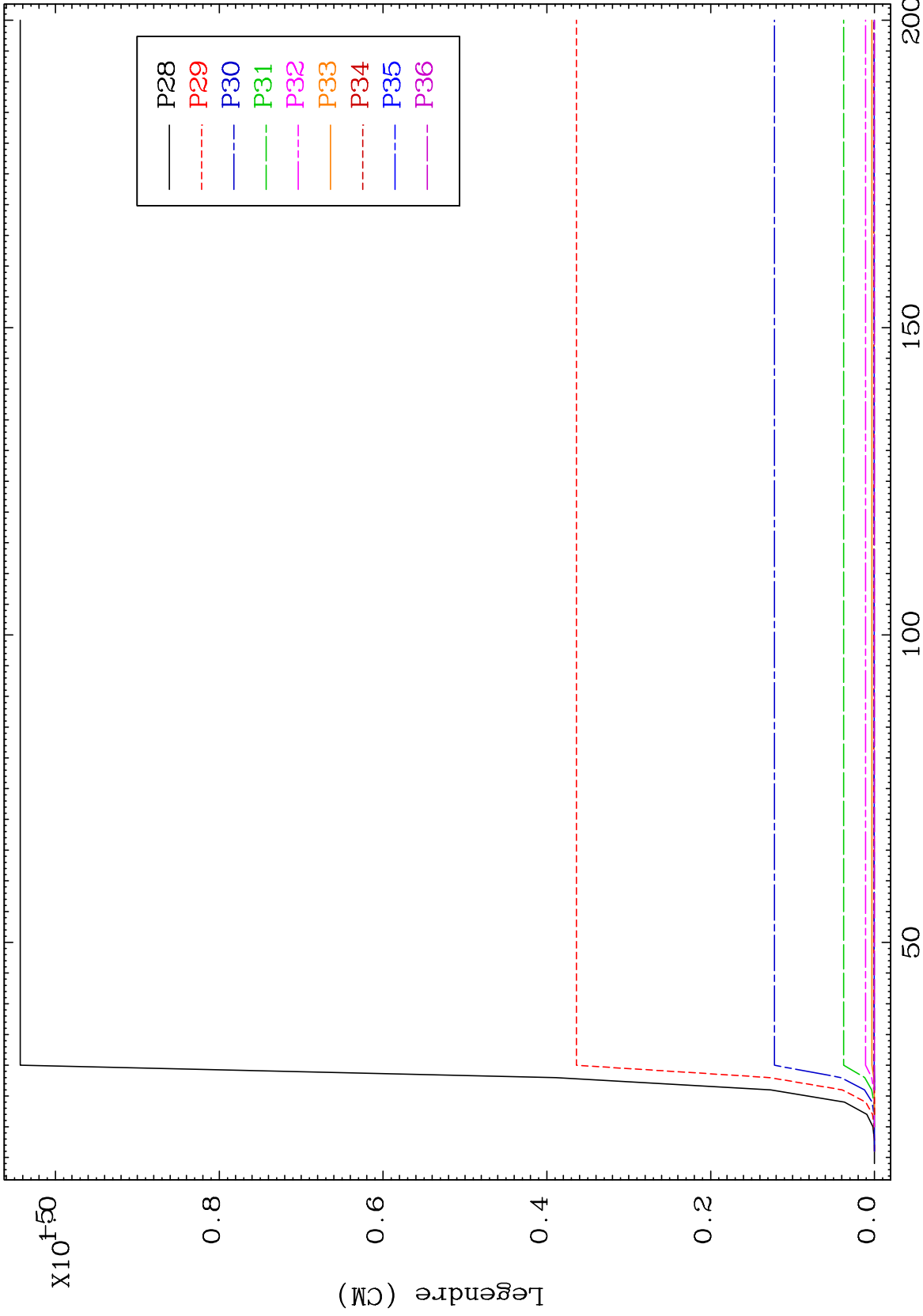
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



116

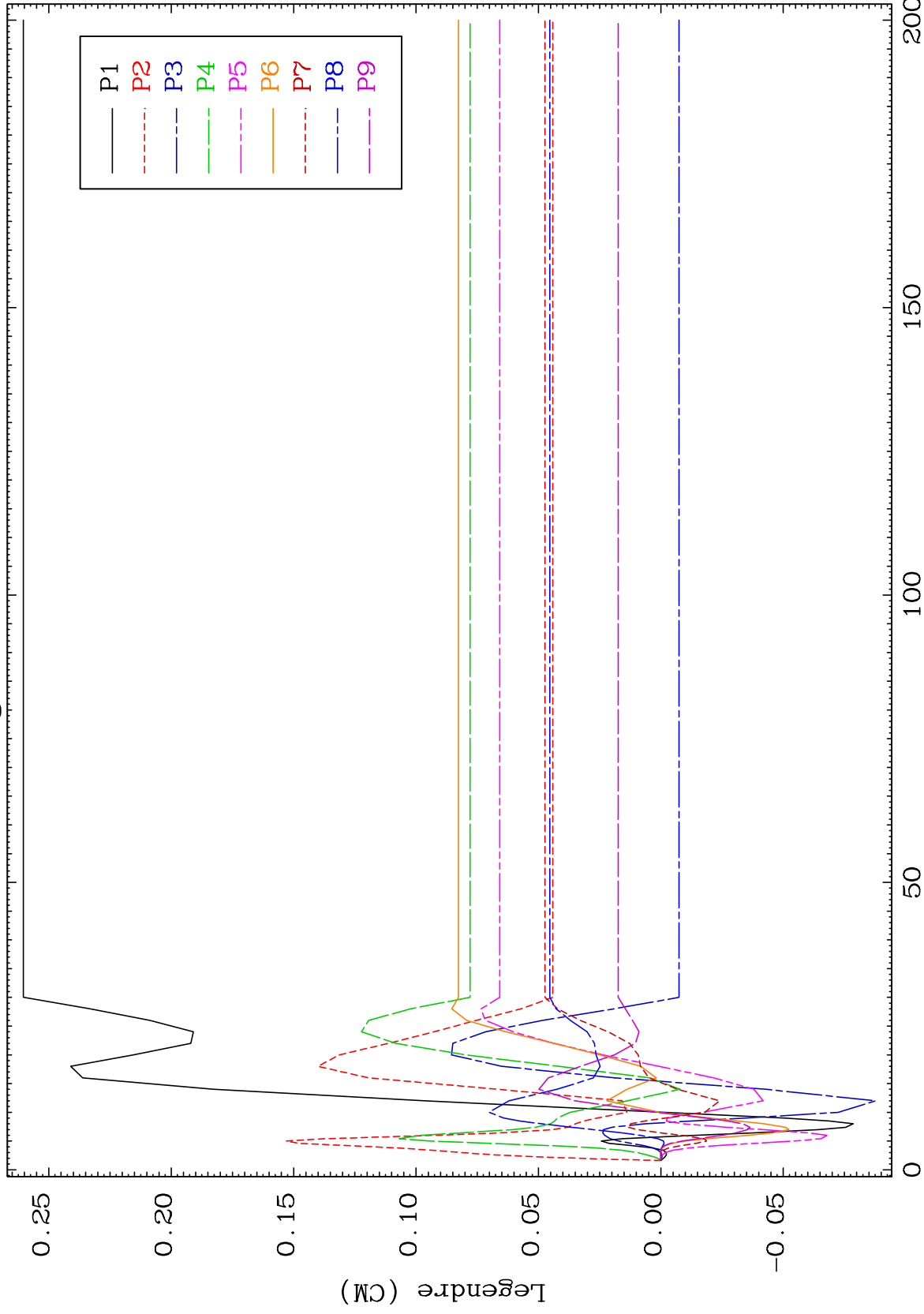
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



117

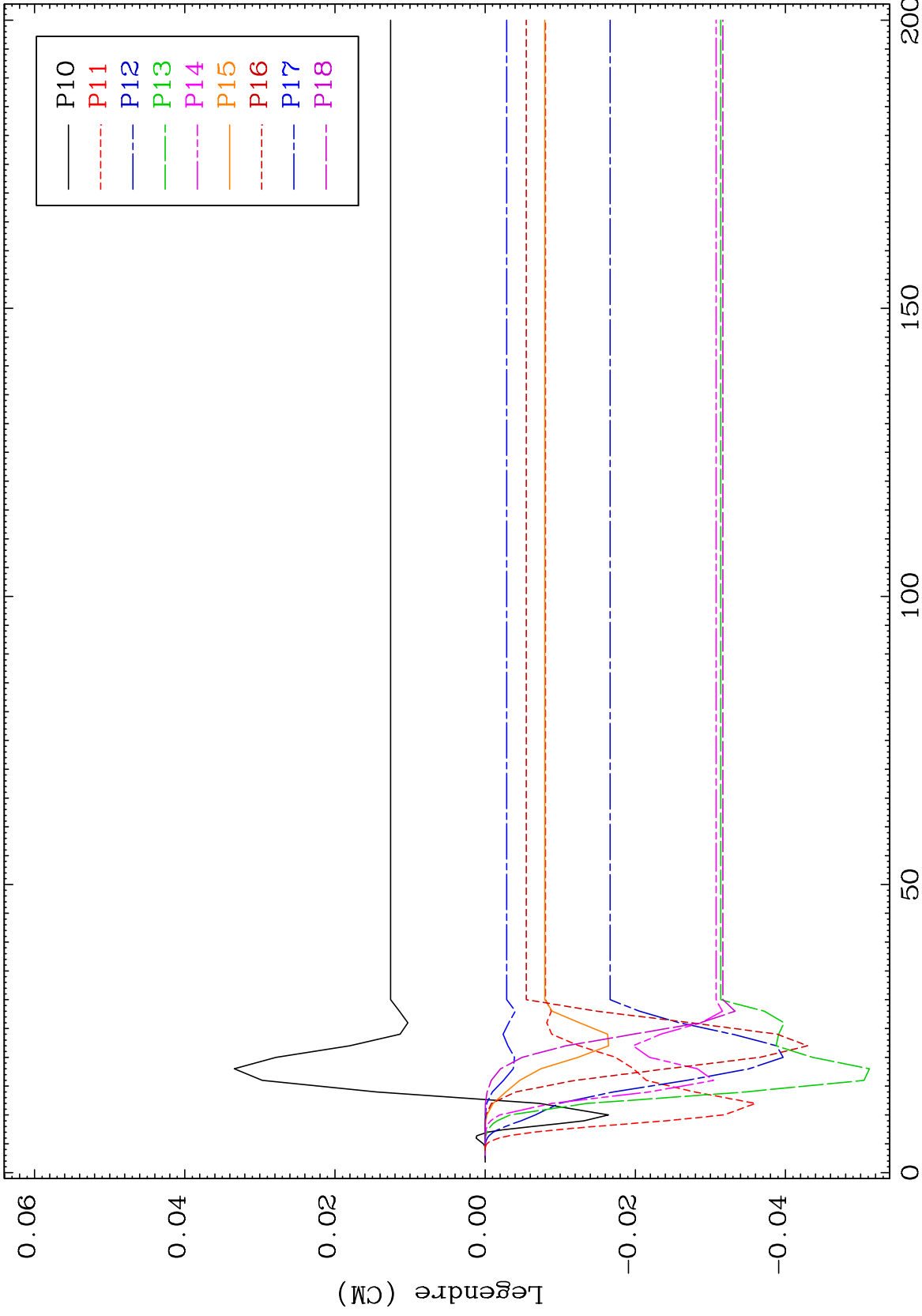
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



118

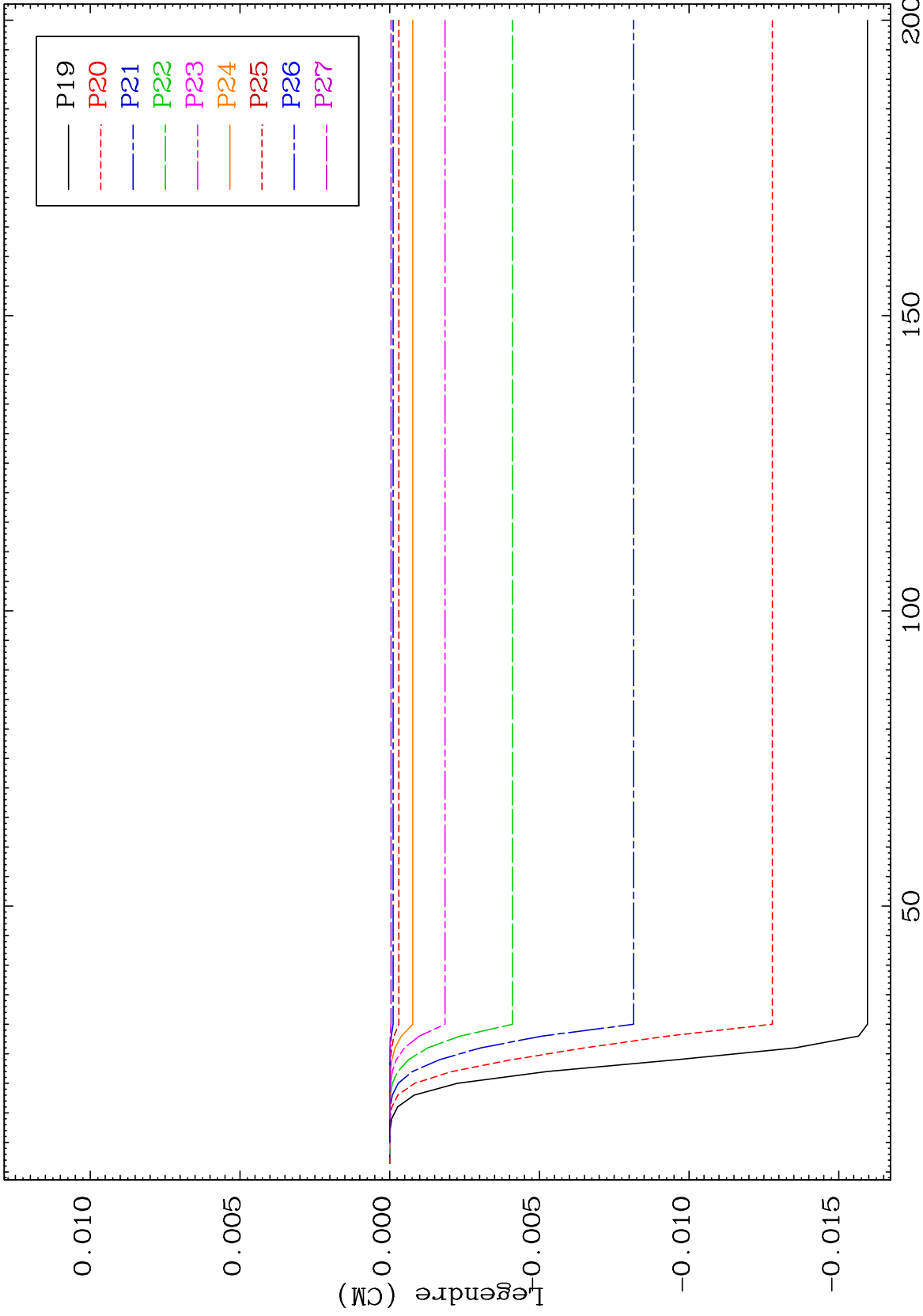
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



119

Incident Energy (MeV)

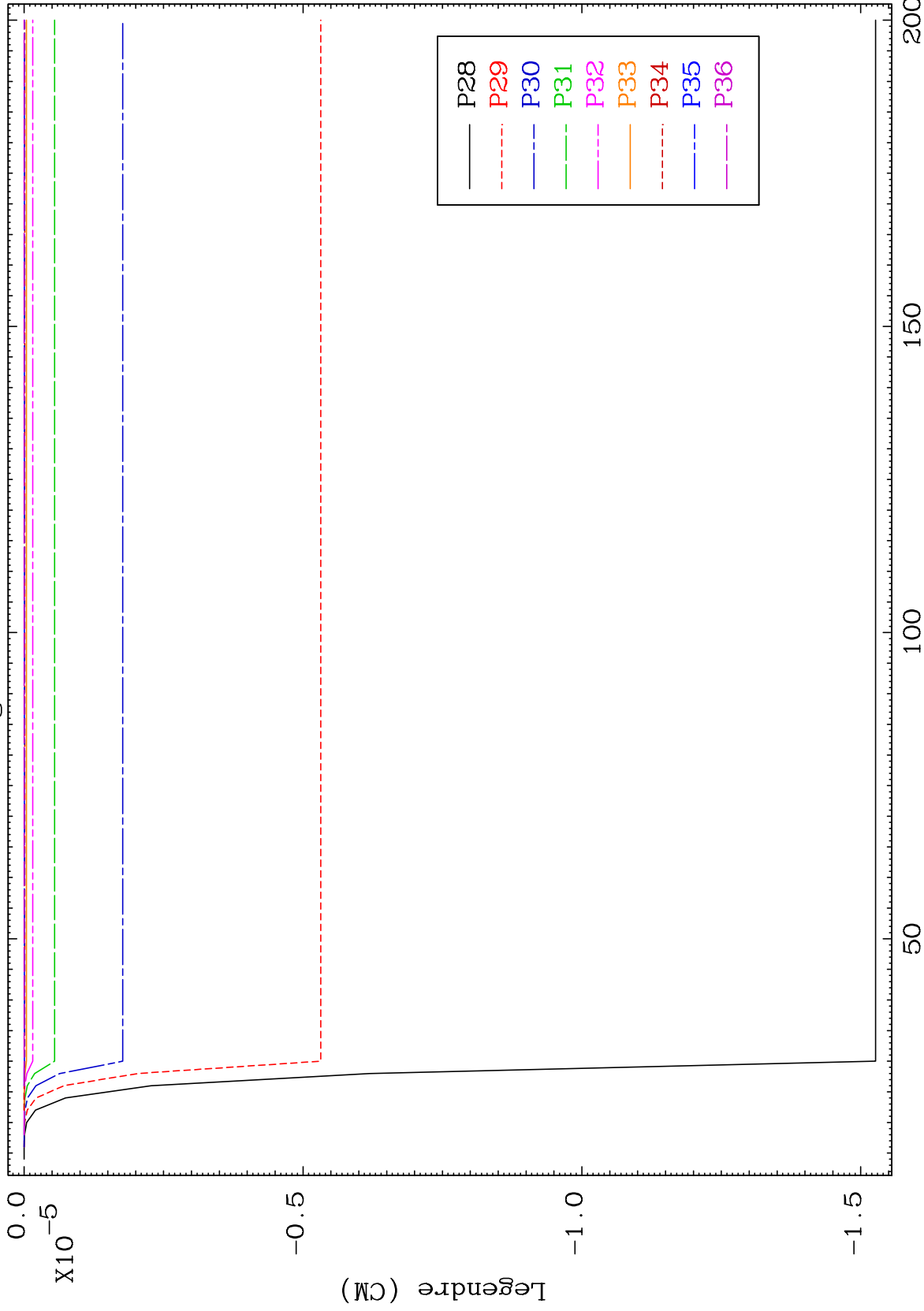
66-Dy-158



MAT 6631

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

66-Dy-158



120

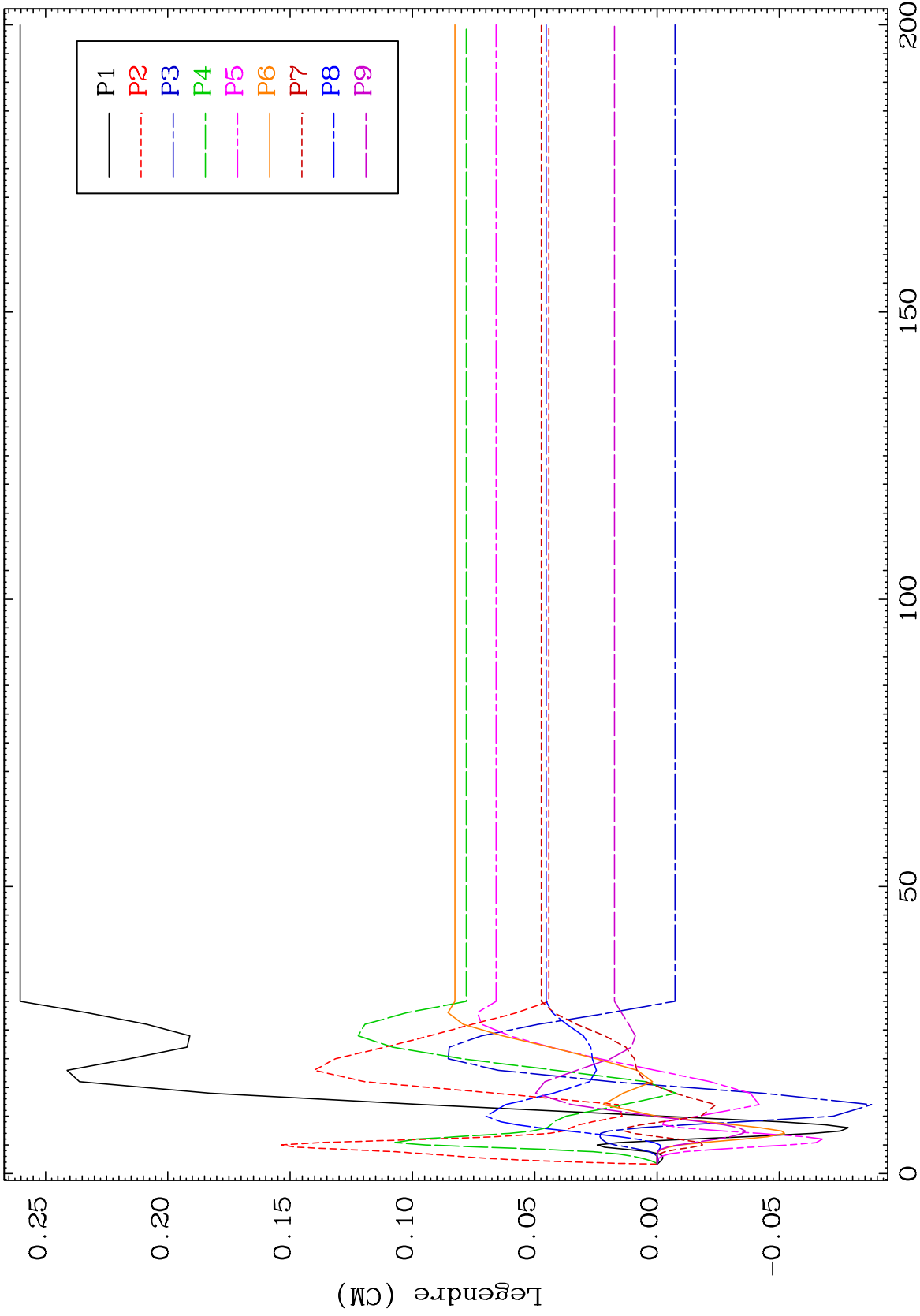
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



121

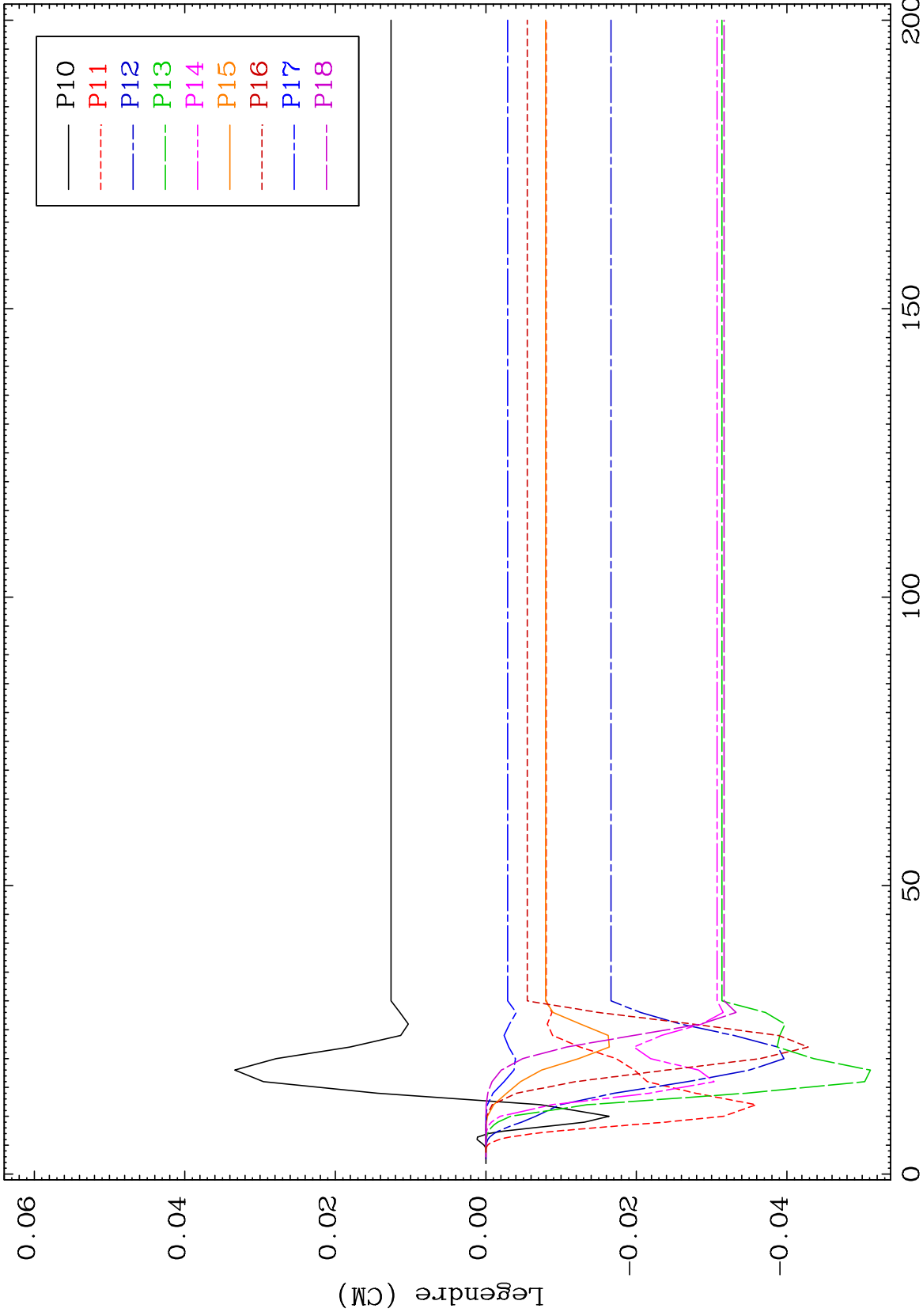
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



122

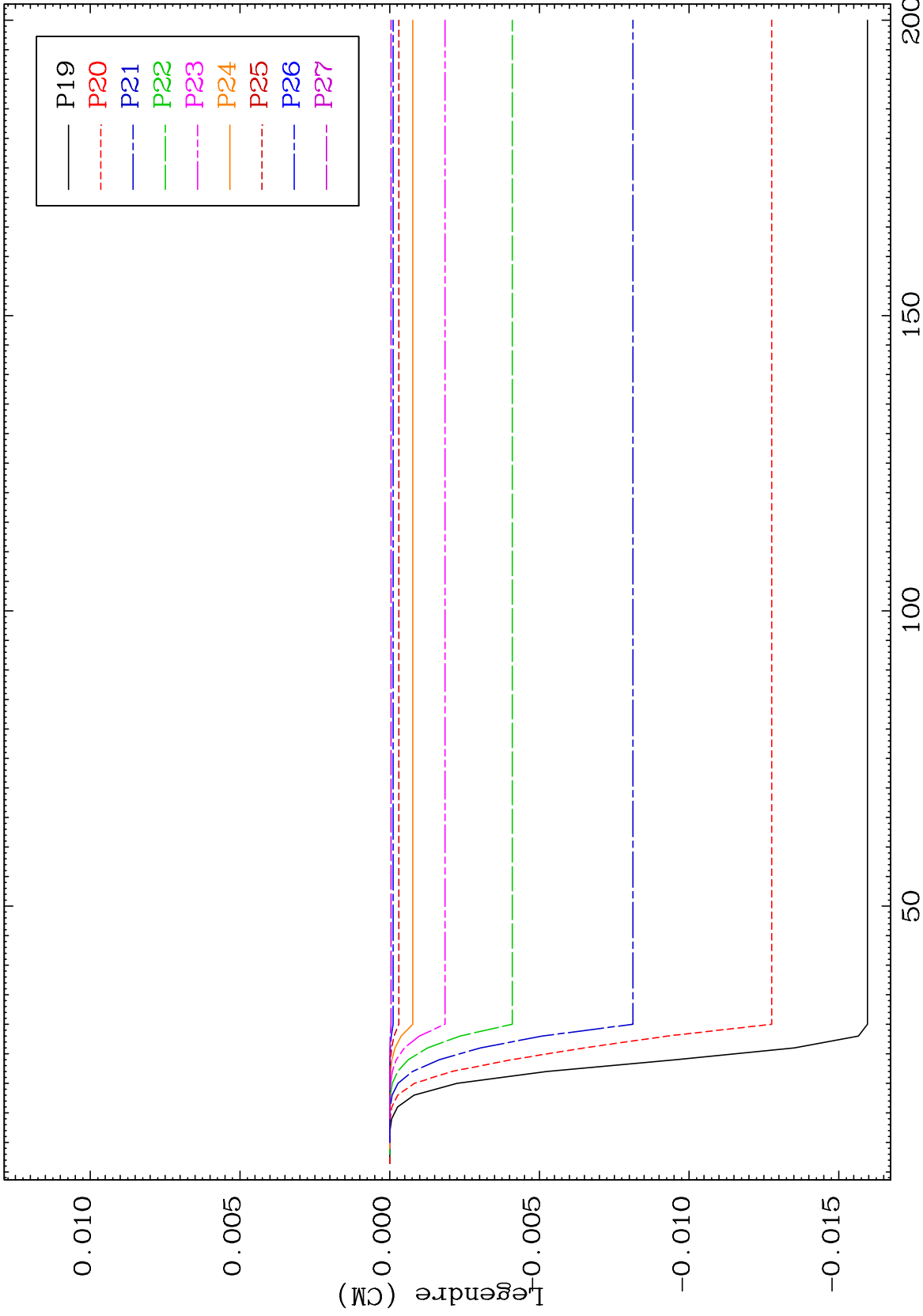
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



123

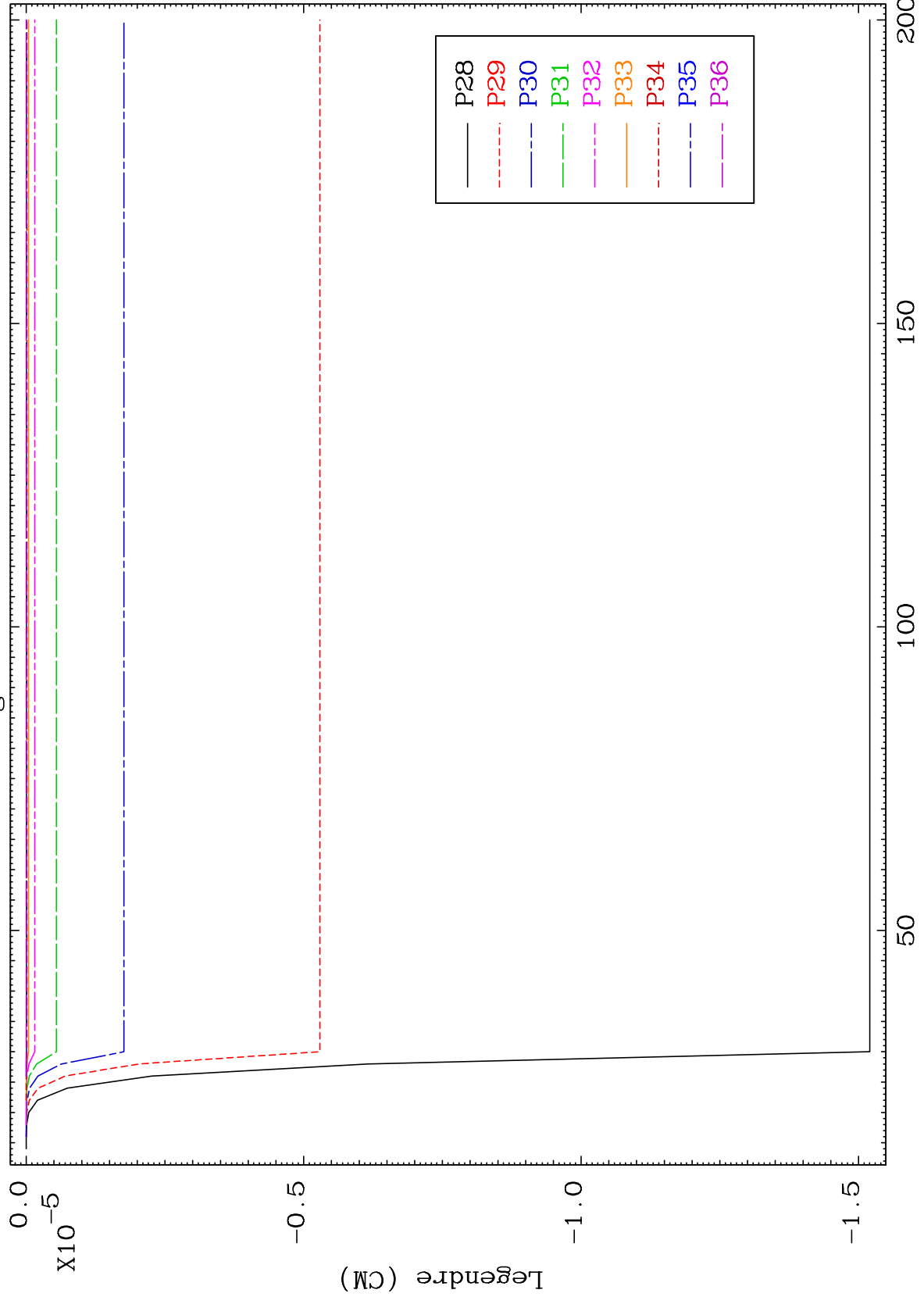
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



66-Dy-158

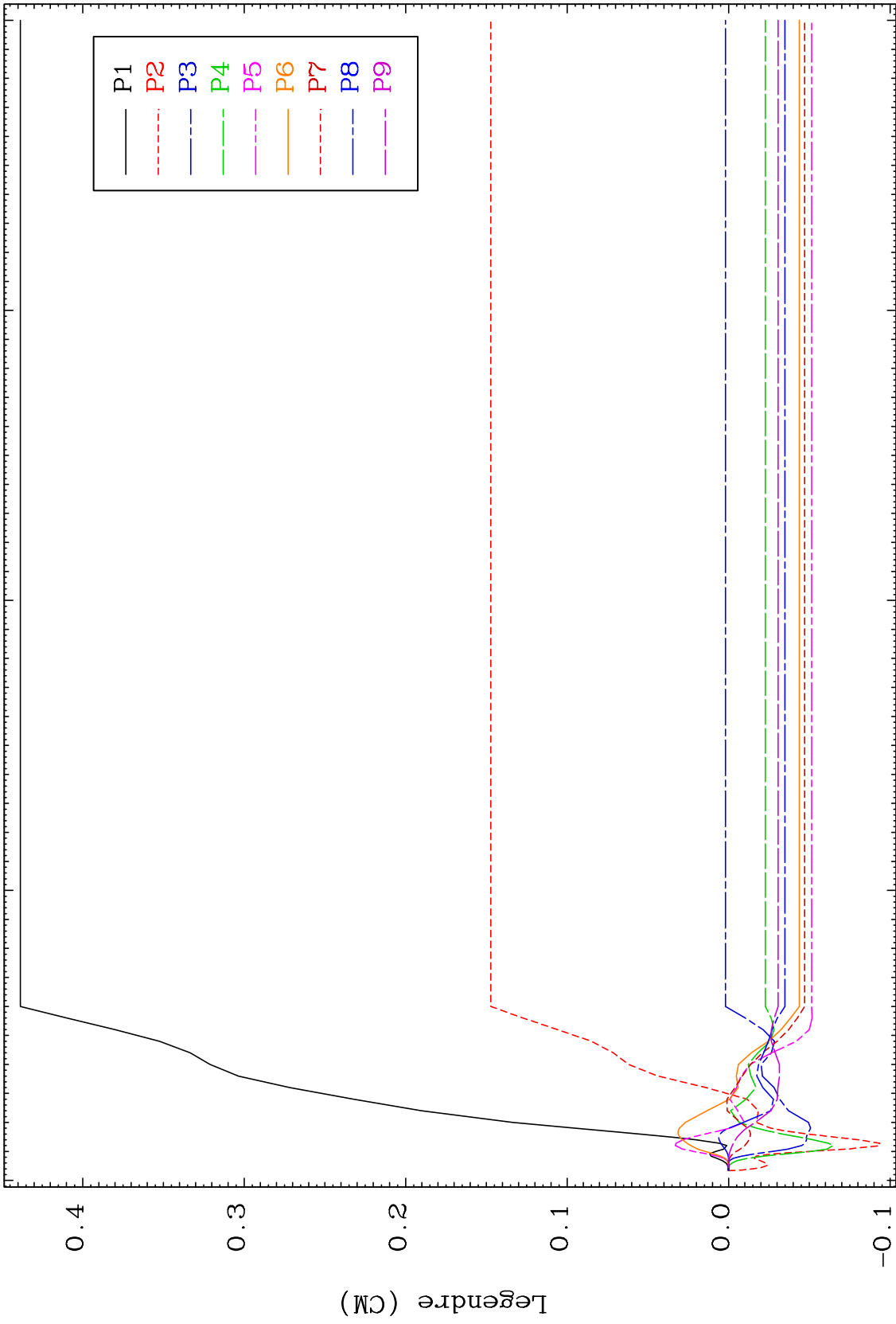
Incident Energy (MeV)

124

MAT 6631

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

66-Dy-158



66-Dy-158

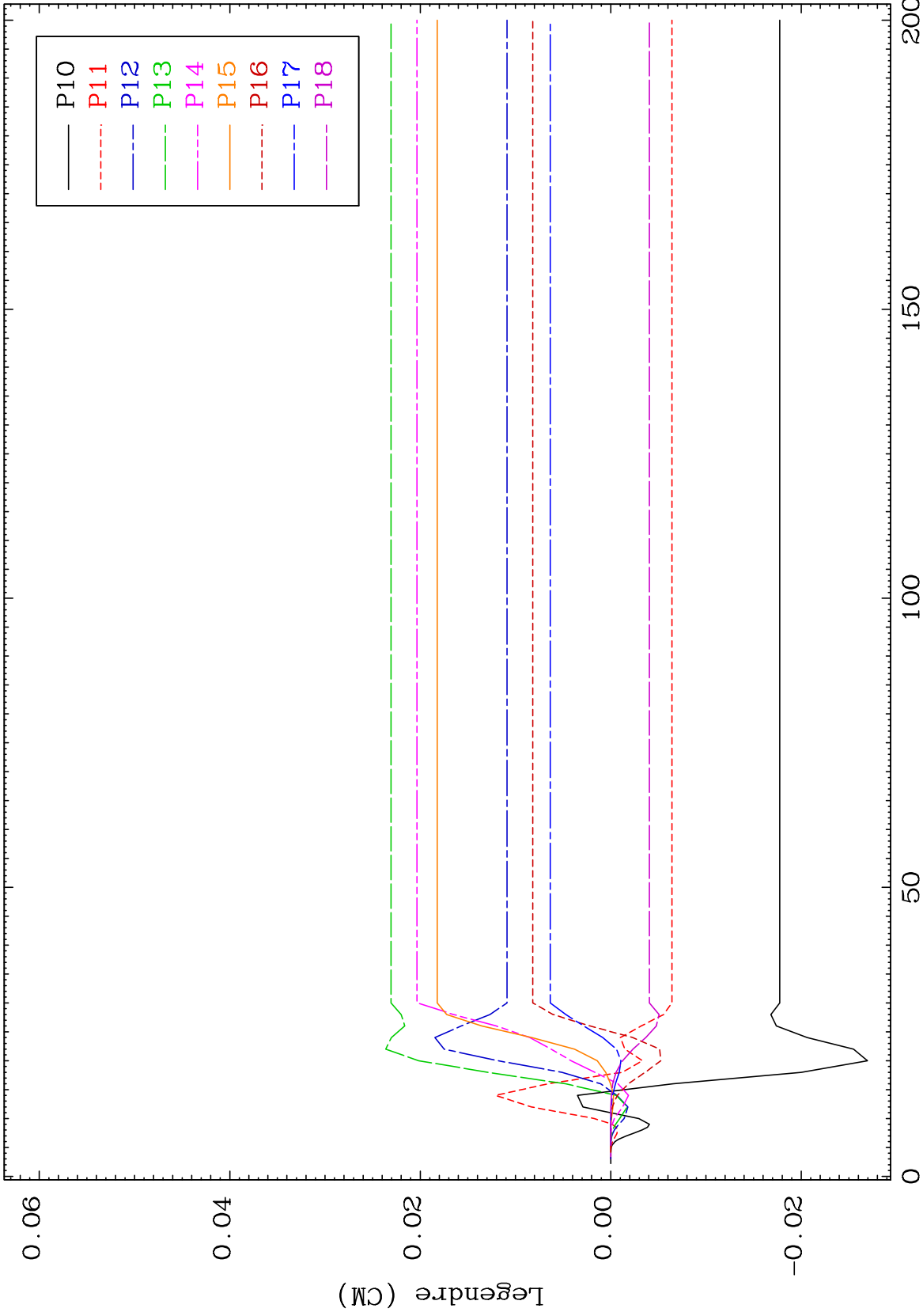
Incident Energy (MeV)

125

MAT 6631

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

66-Dy-158



126

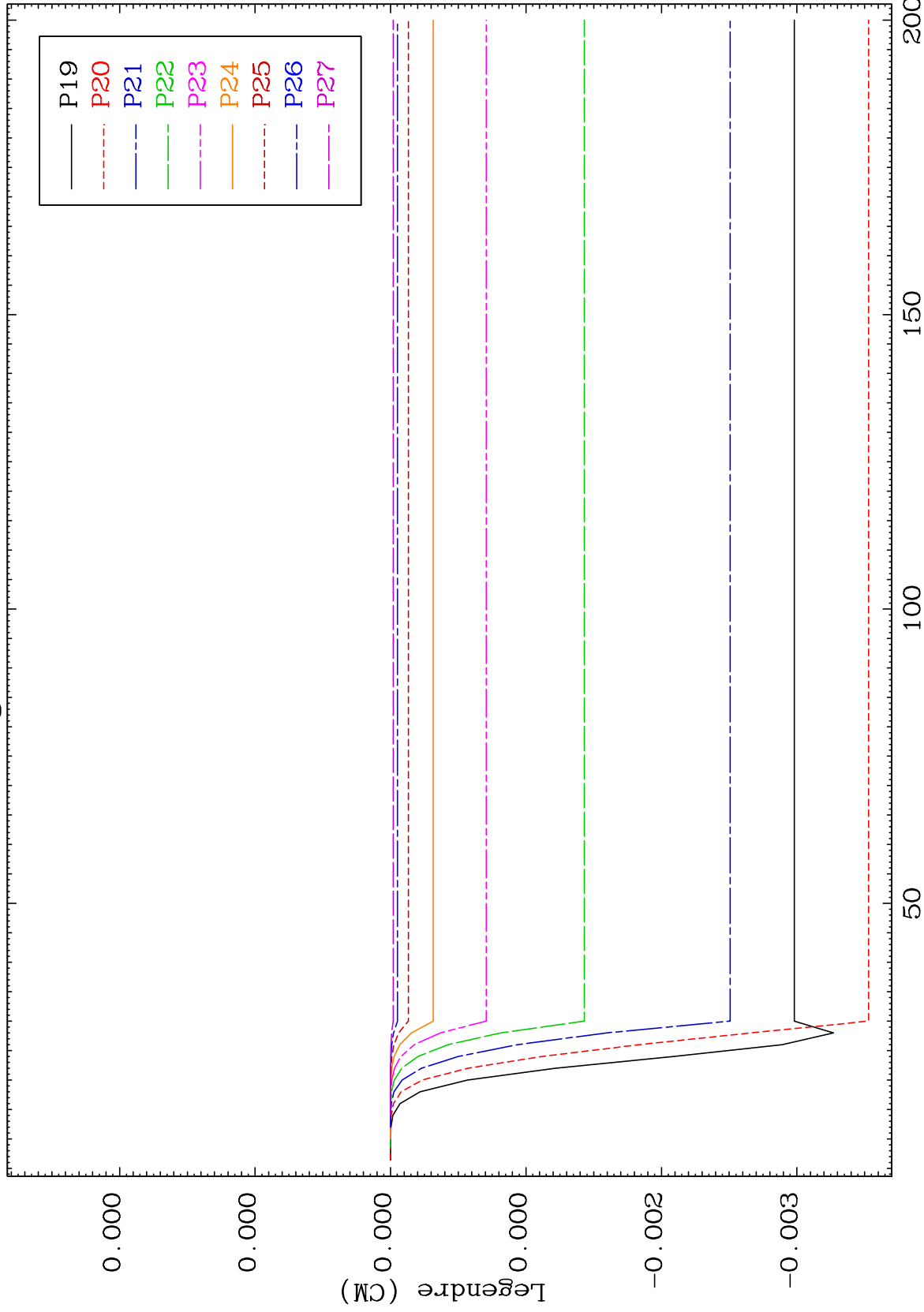
Incident Energy (MeV)

66-Dy-158

MAT 6631

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

66-Dy-158



127

Incident Energy (MeV)

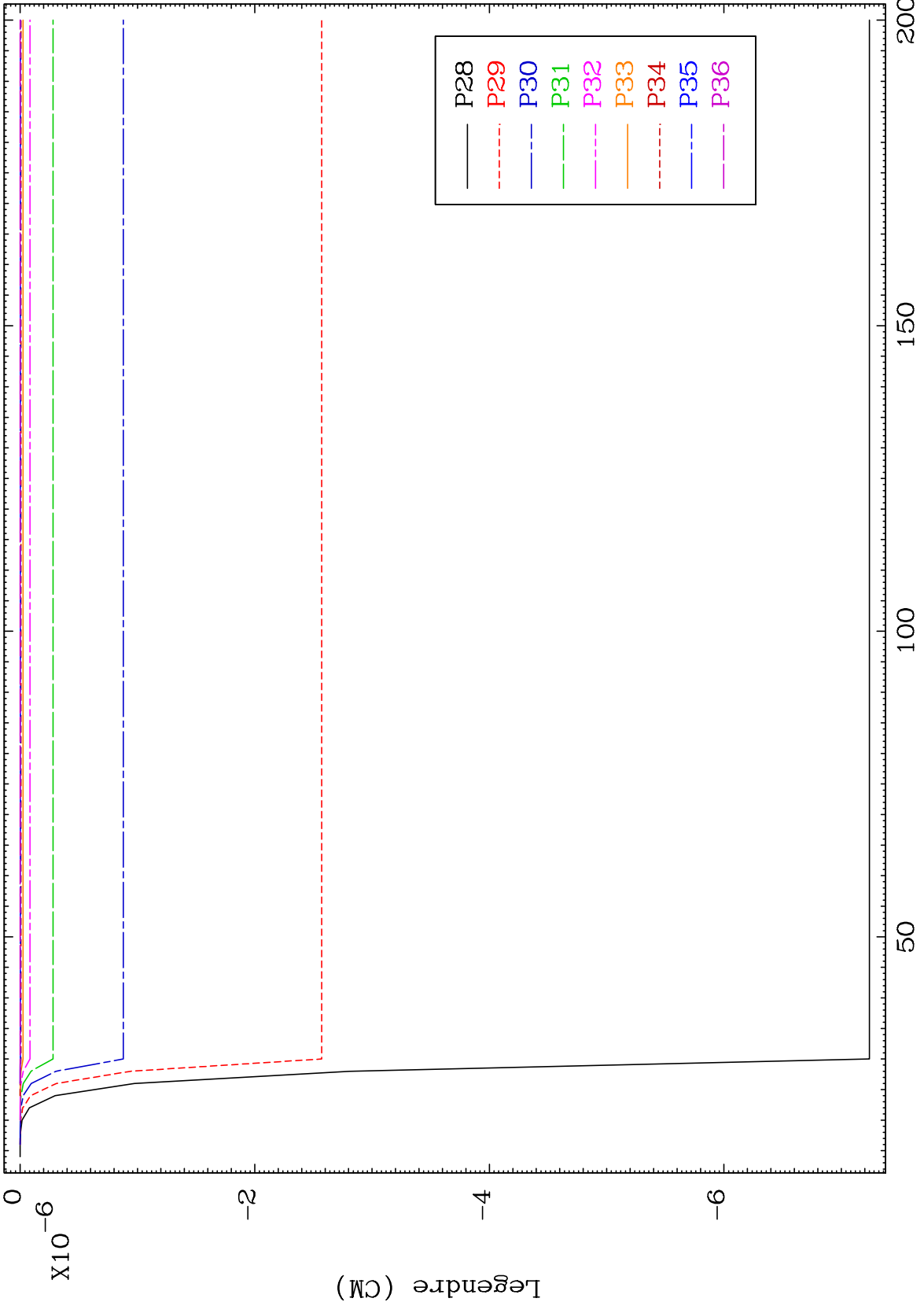
66-Dy-158



MAT 6631

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

66-Dy-158



66-Dy-158

Incident Energy (MeV)

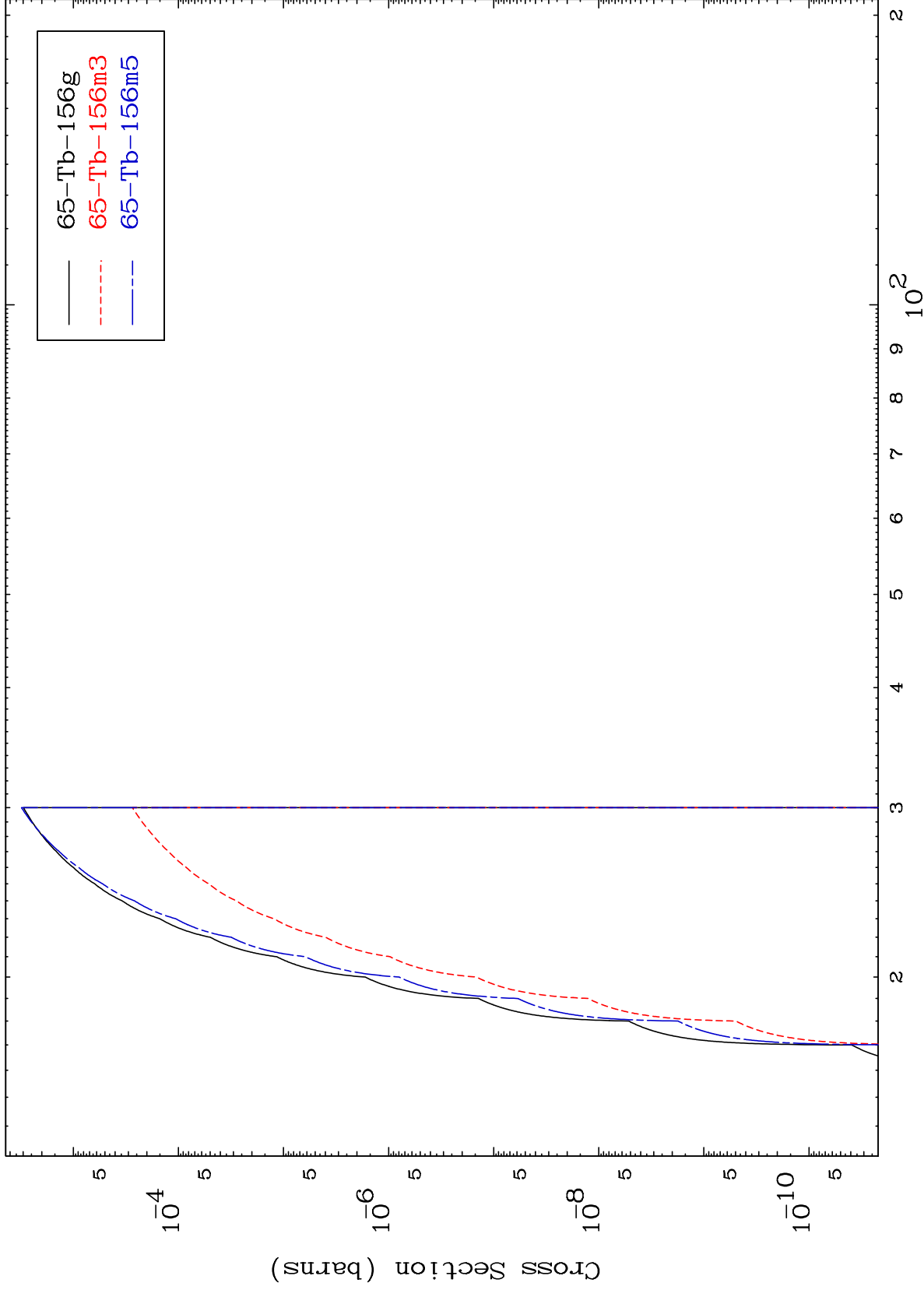
128

MAT 6631

(n,n') d

66-Dy-158

Radionuclide Production Cross Section



129

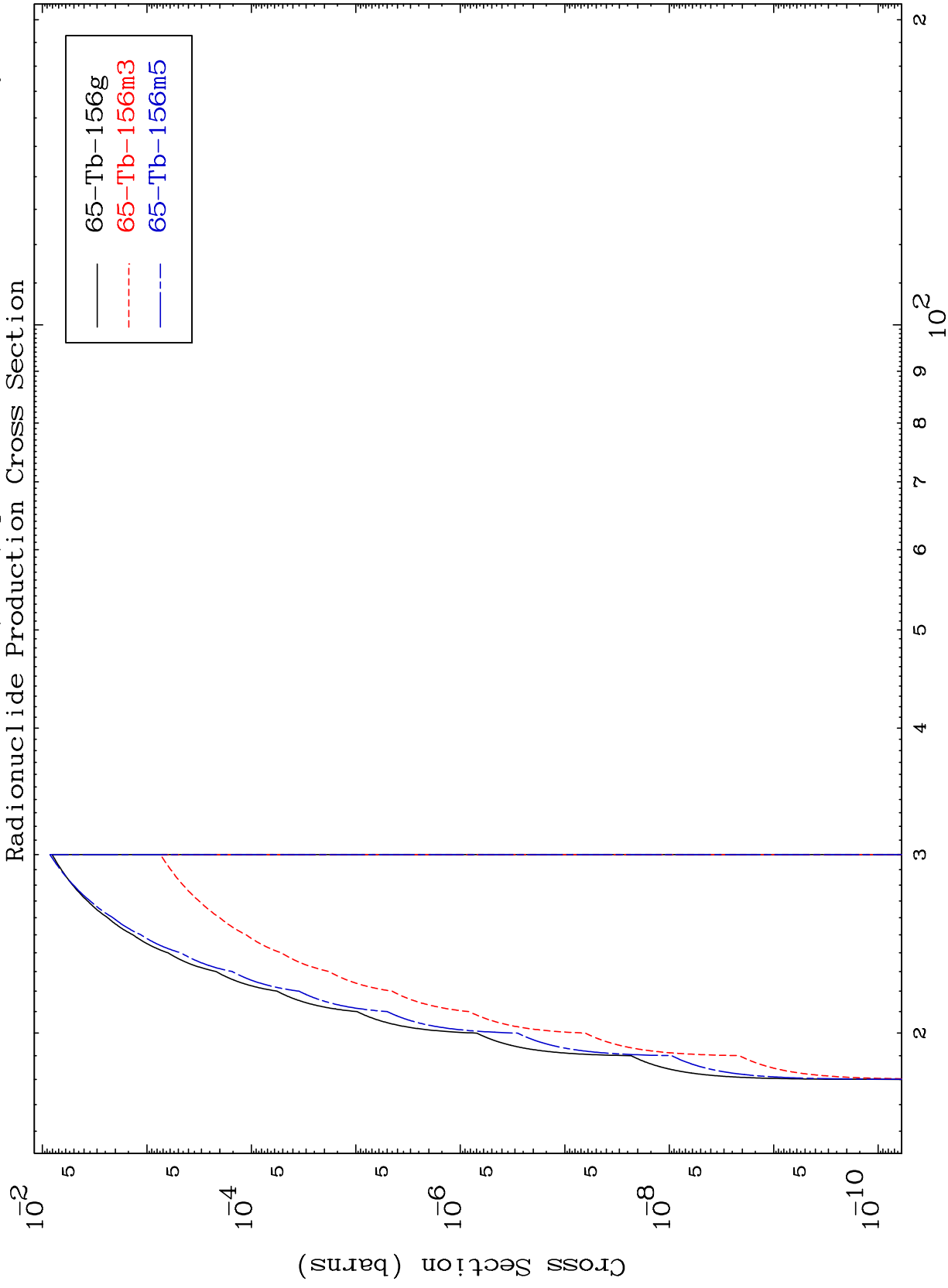
Incident Energy (MeV)

66-Dy-158

MAT 6631

(n,2n) p

66-Dy-158



130

Incident Energy (MeV)

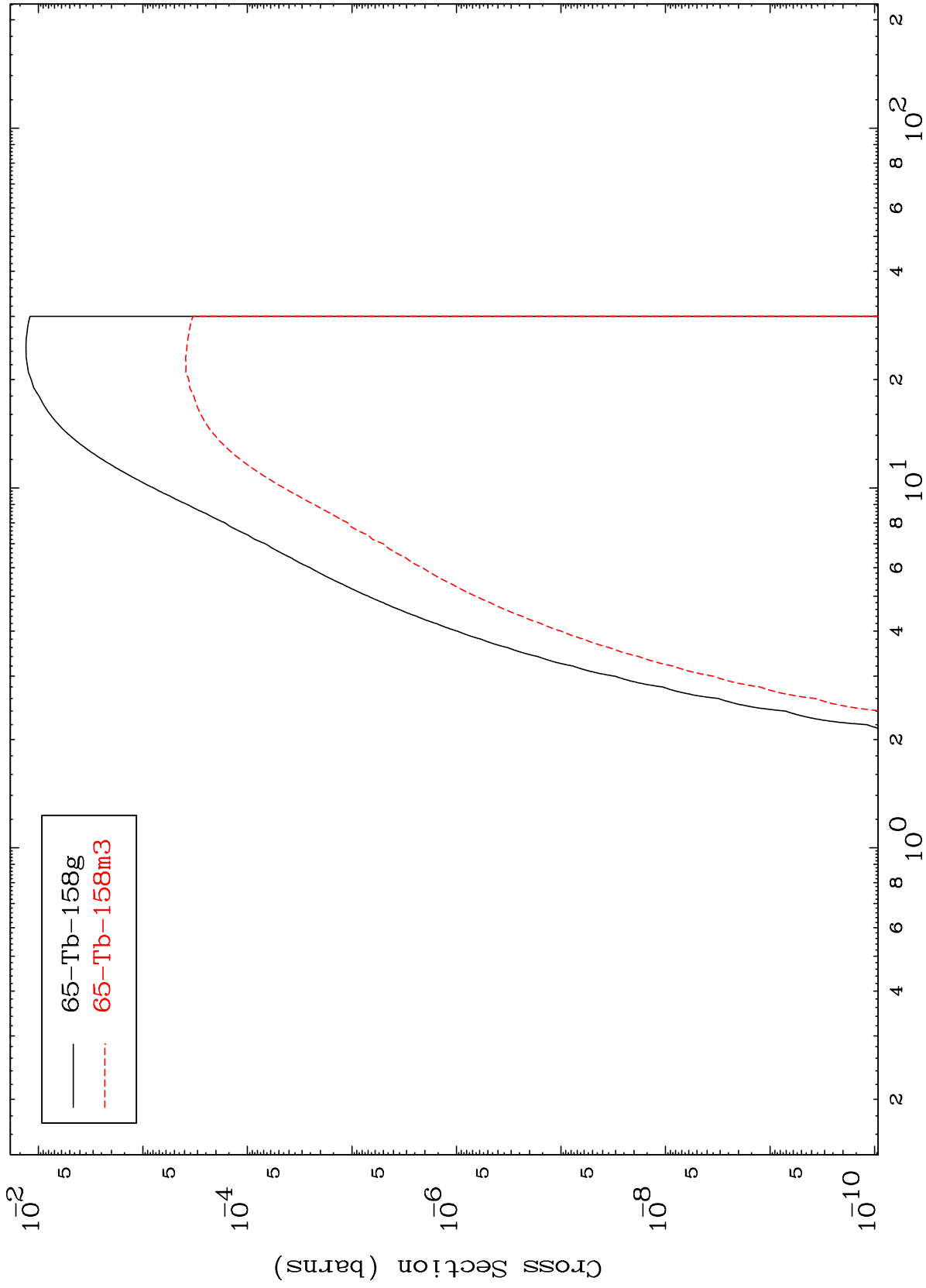
66-Dy-158

MAT 6631

(n,p)

66-Dy-158

Radionuclide Production Cross Section



131

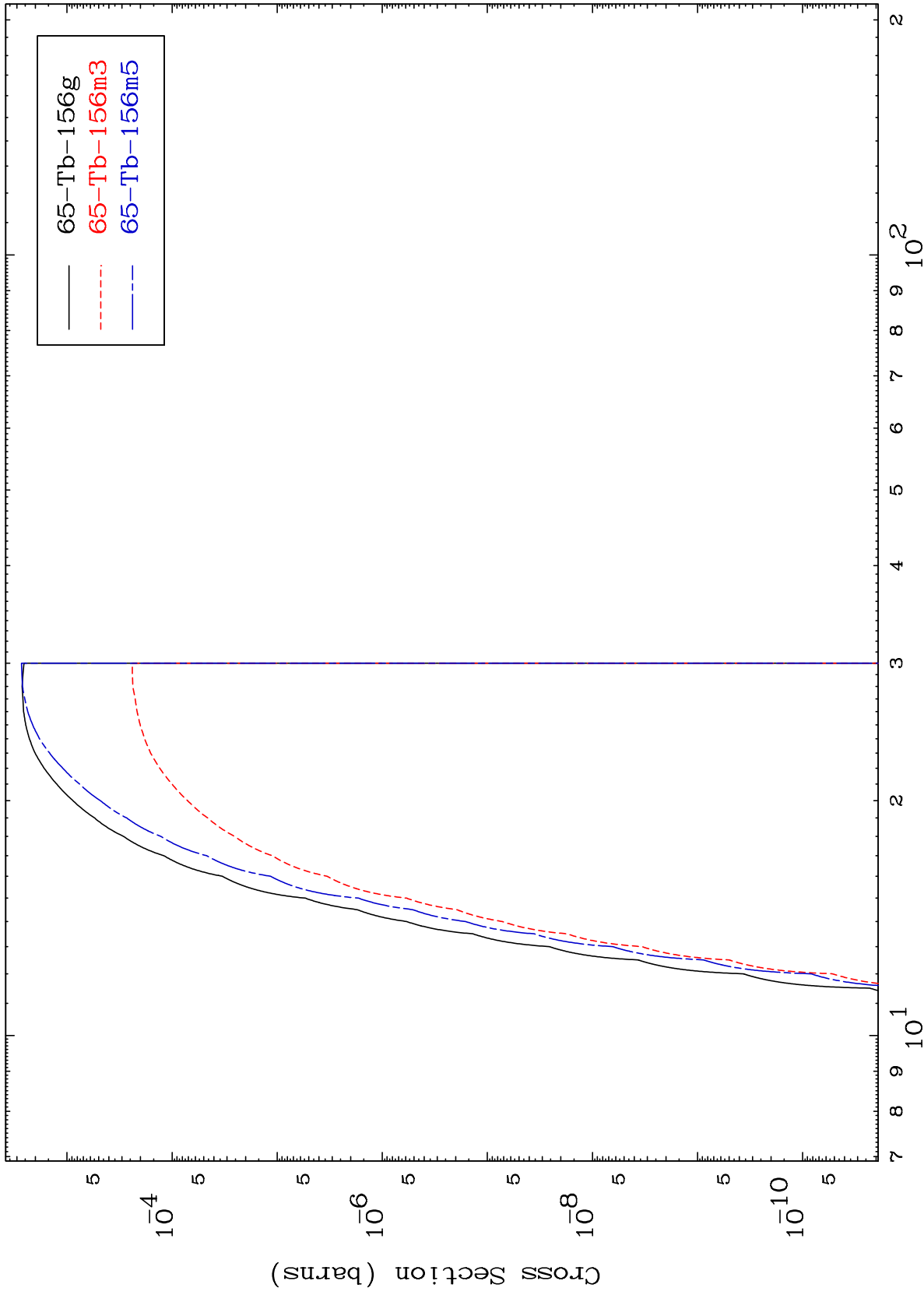
Incident Energy (MeV)

66-Dy-158

MAT 6631

66-Dy-158

(n, t)  
Radionuclide Production Cross Section



132

Incident Energy (MeV)

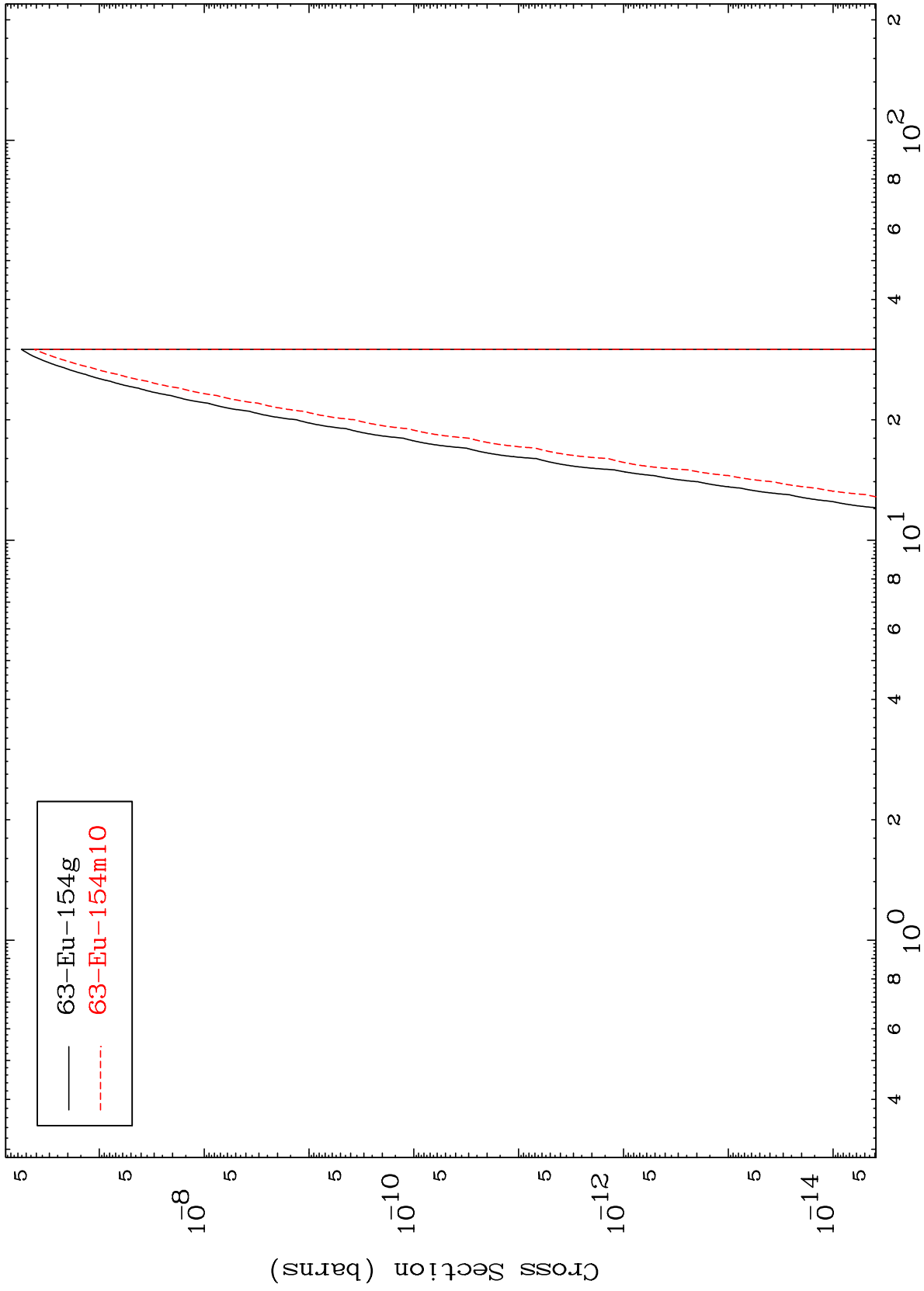
66-Dy-158

MAT 6631

(n,p)  $\alpha$

66-Dy-158

Radionuclide Production Cross Section



133

Incident Energy (MeV)

66-Dy-158