

Program EVALPLOT
(Version 2018-1)

by

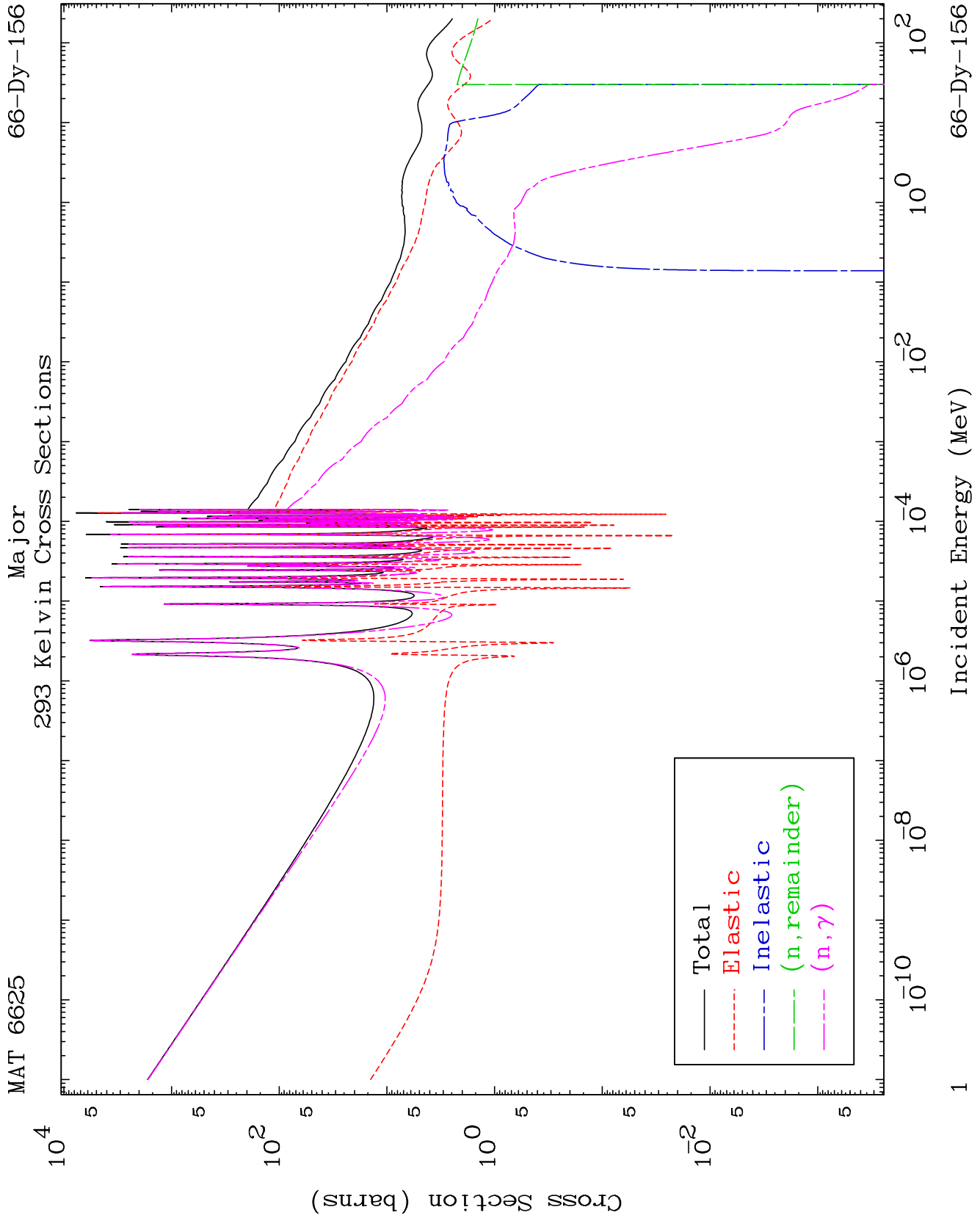
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
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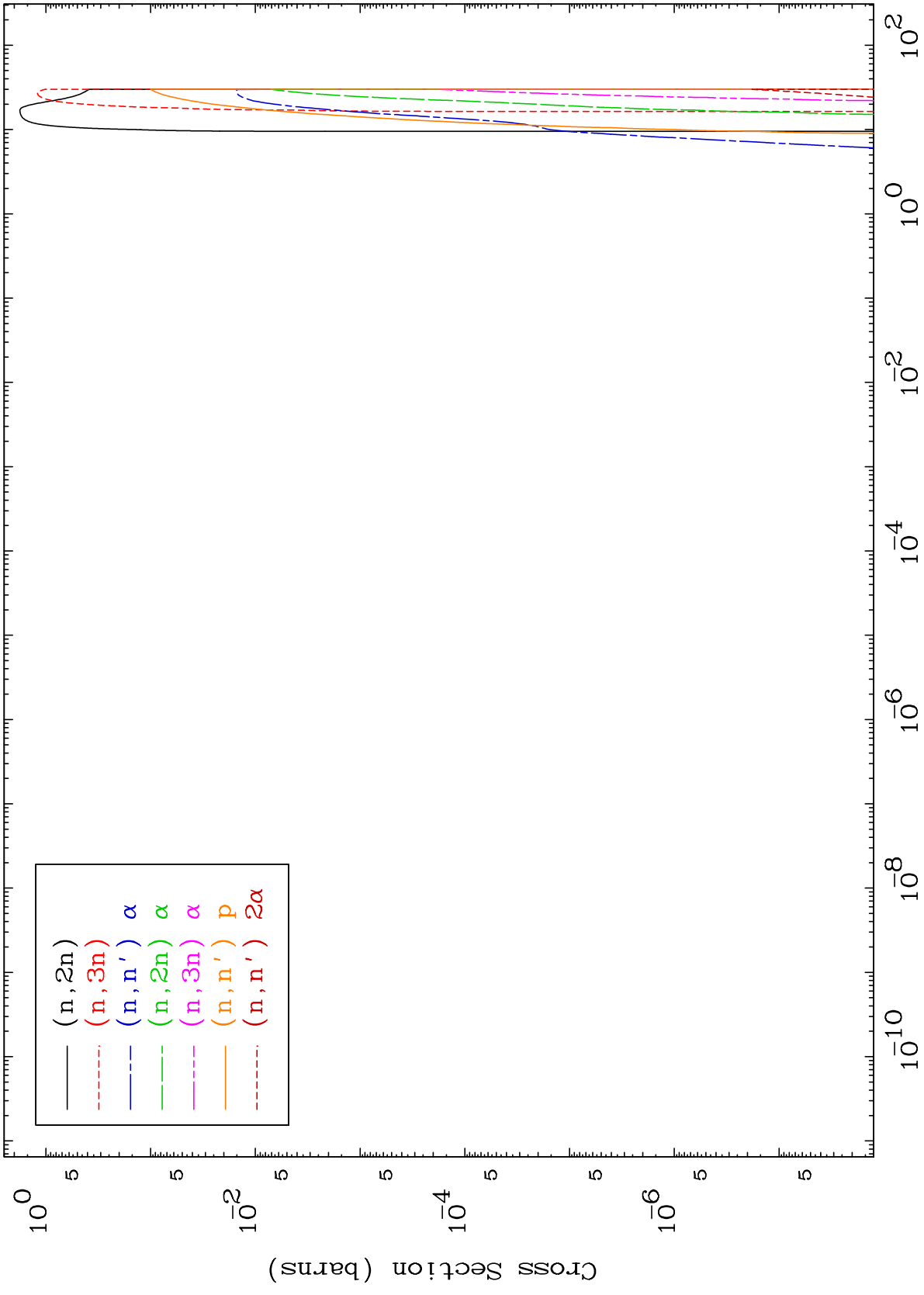
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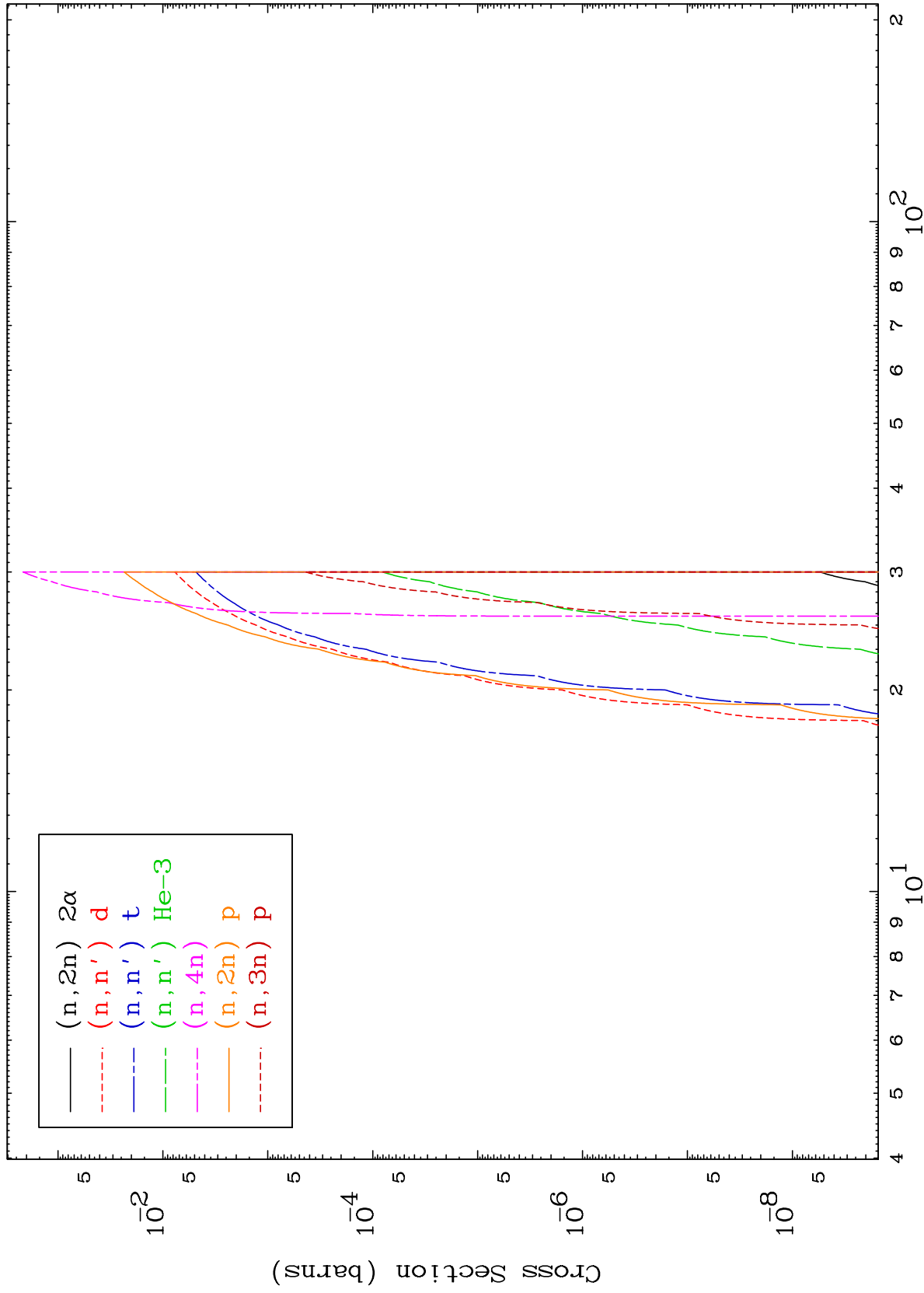
MAT 6625

Neutron Production
293 Kelvin Cross Sections

66-Dy-156



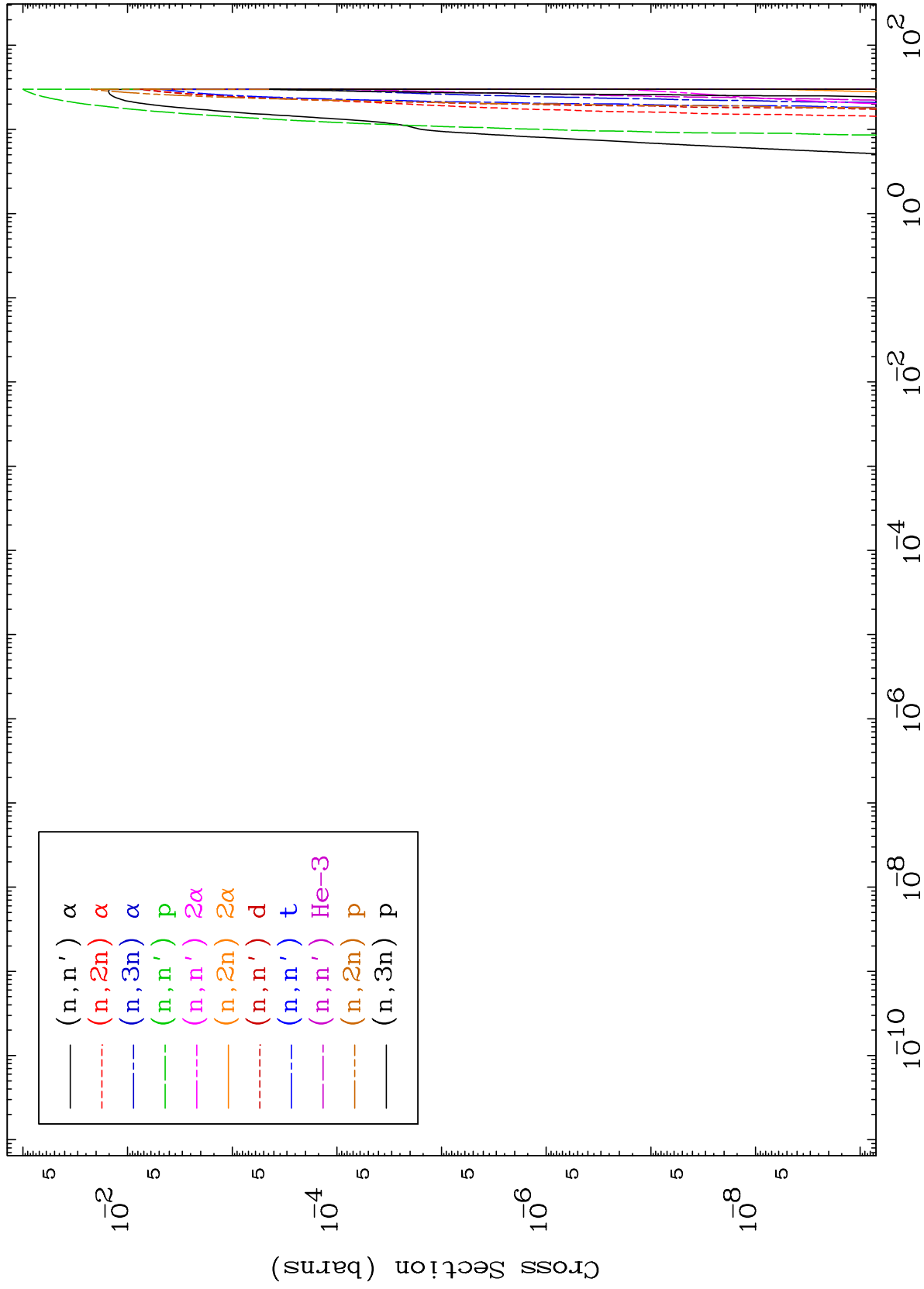
66-Dy-156



MAT 6625

Charged Particle
293 Kelvin Cross Sections

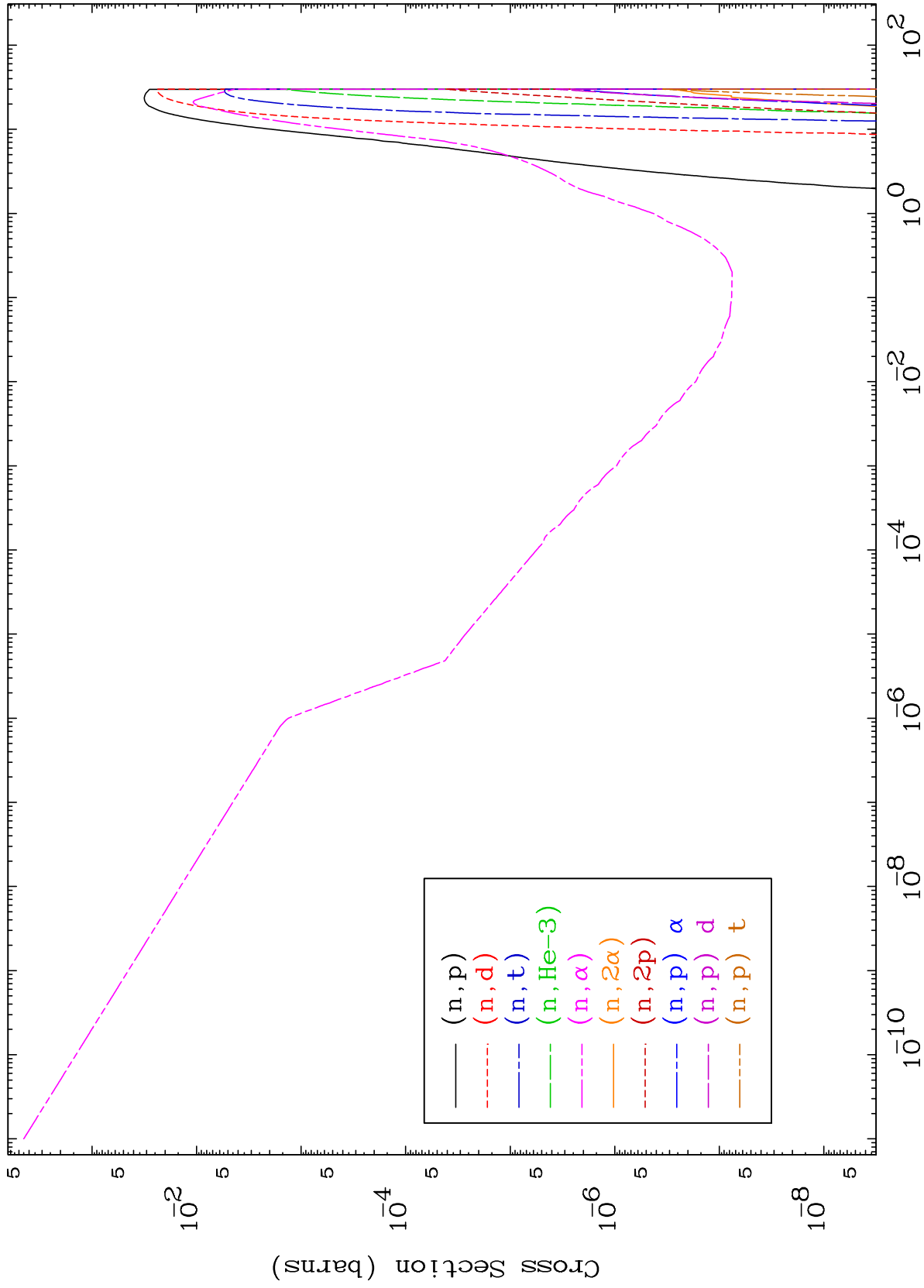
66-Dy-156



MAT 6625

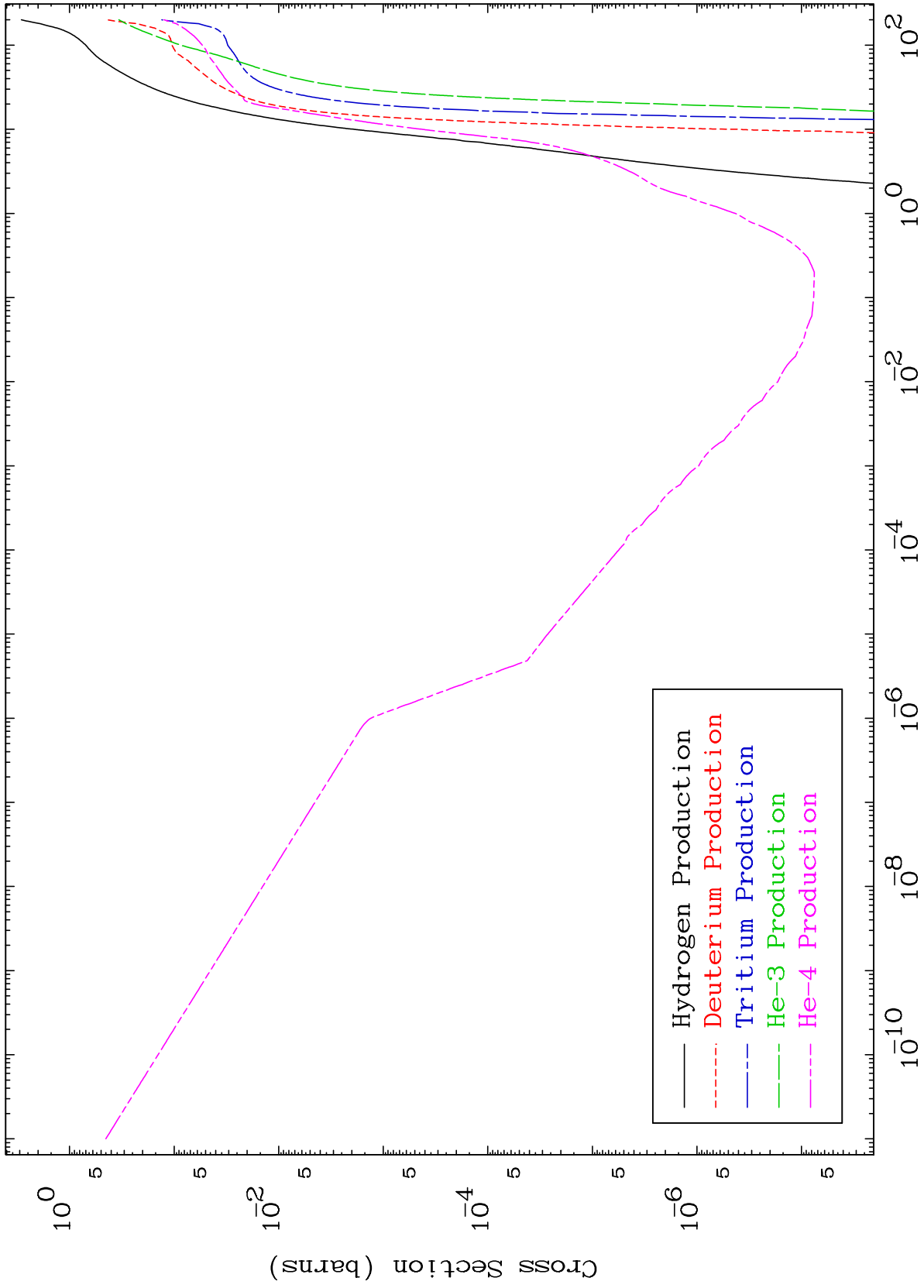
Charged Particle
293 Kelvin Cross Sections

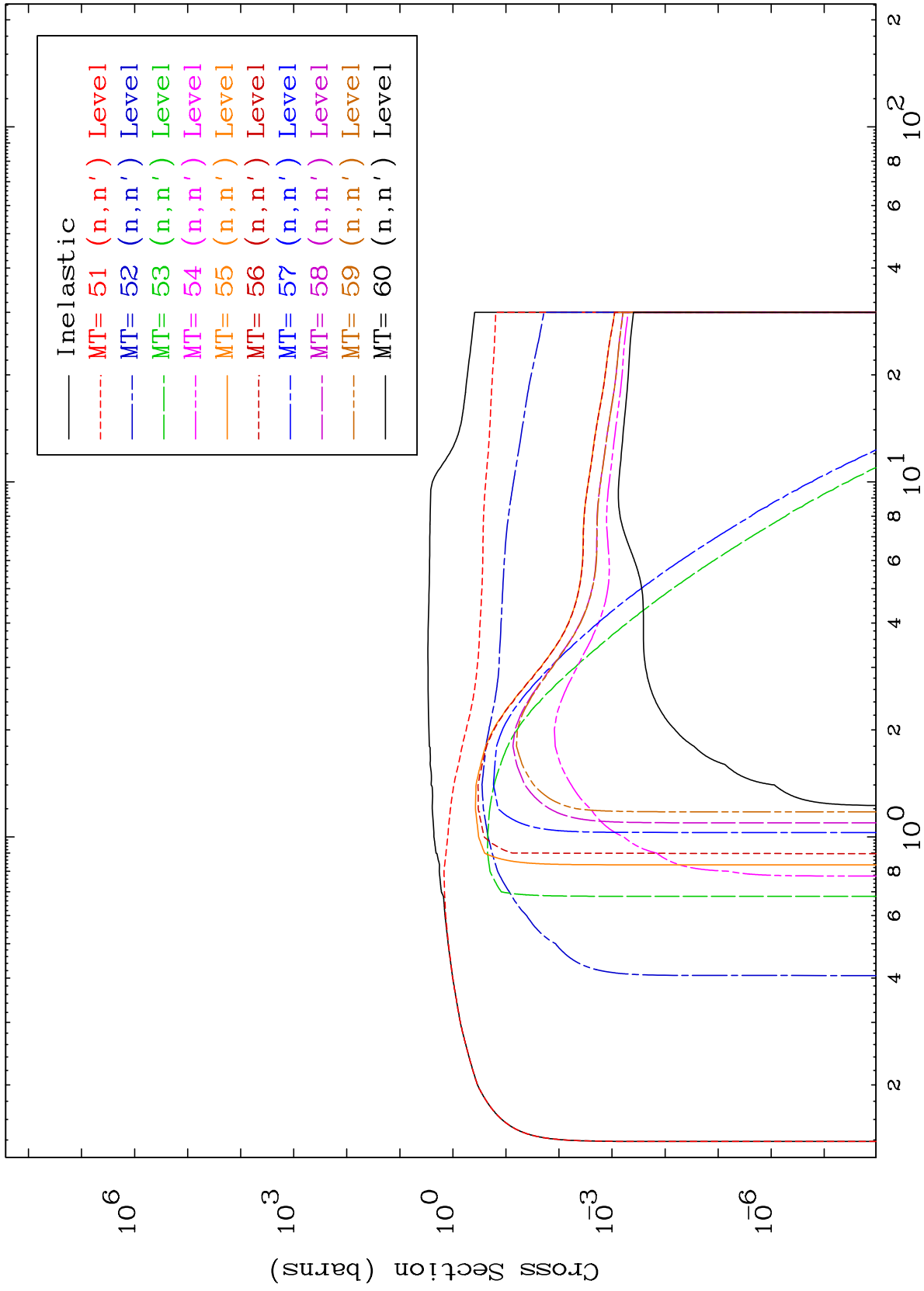
66-Dy-156



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66-Dy-156



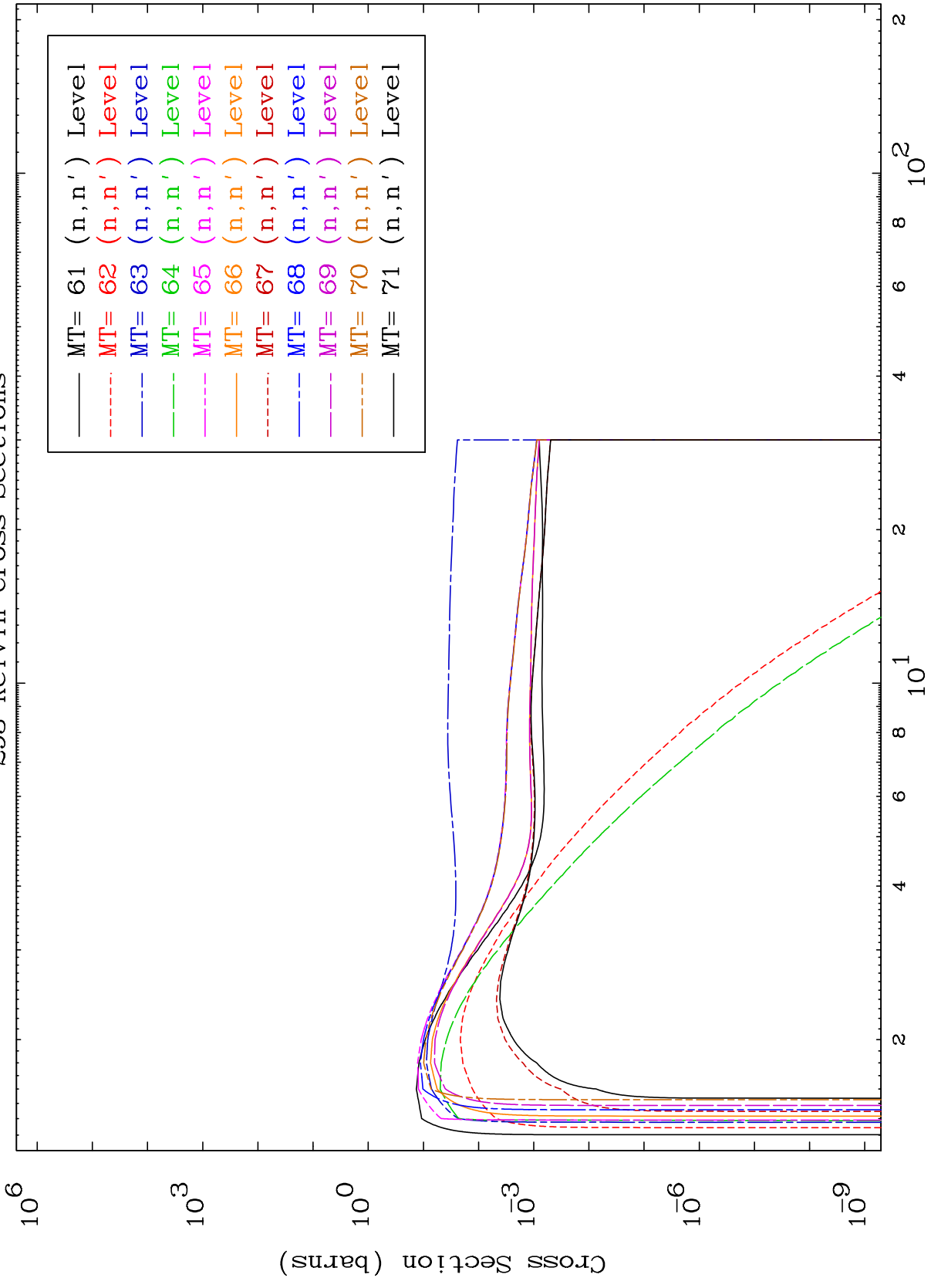


MAT 6625

(n,n') Level

66-Dy-156

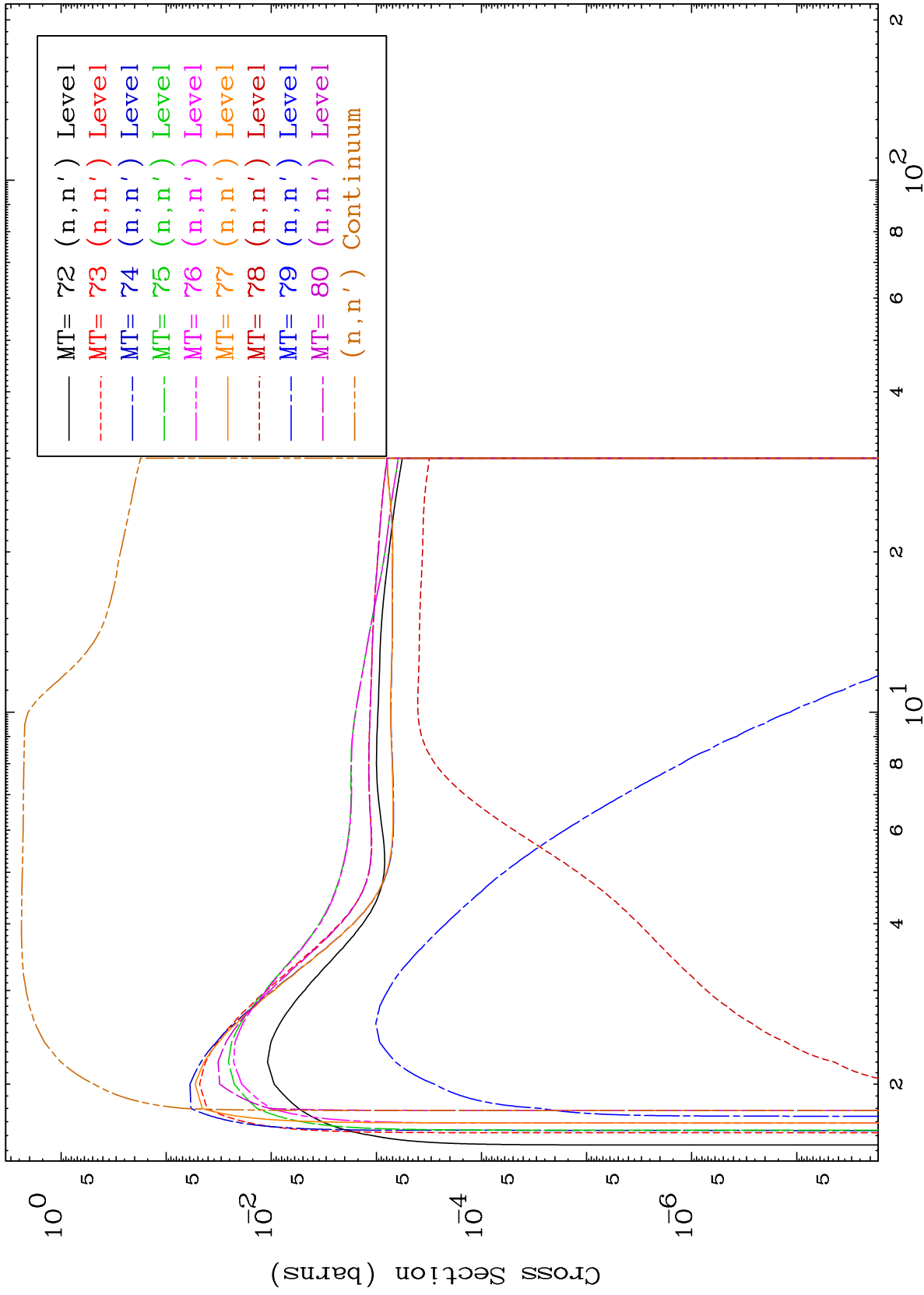
293 Kelvin Cross Sections



8

Incident Energy (MeV)

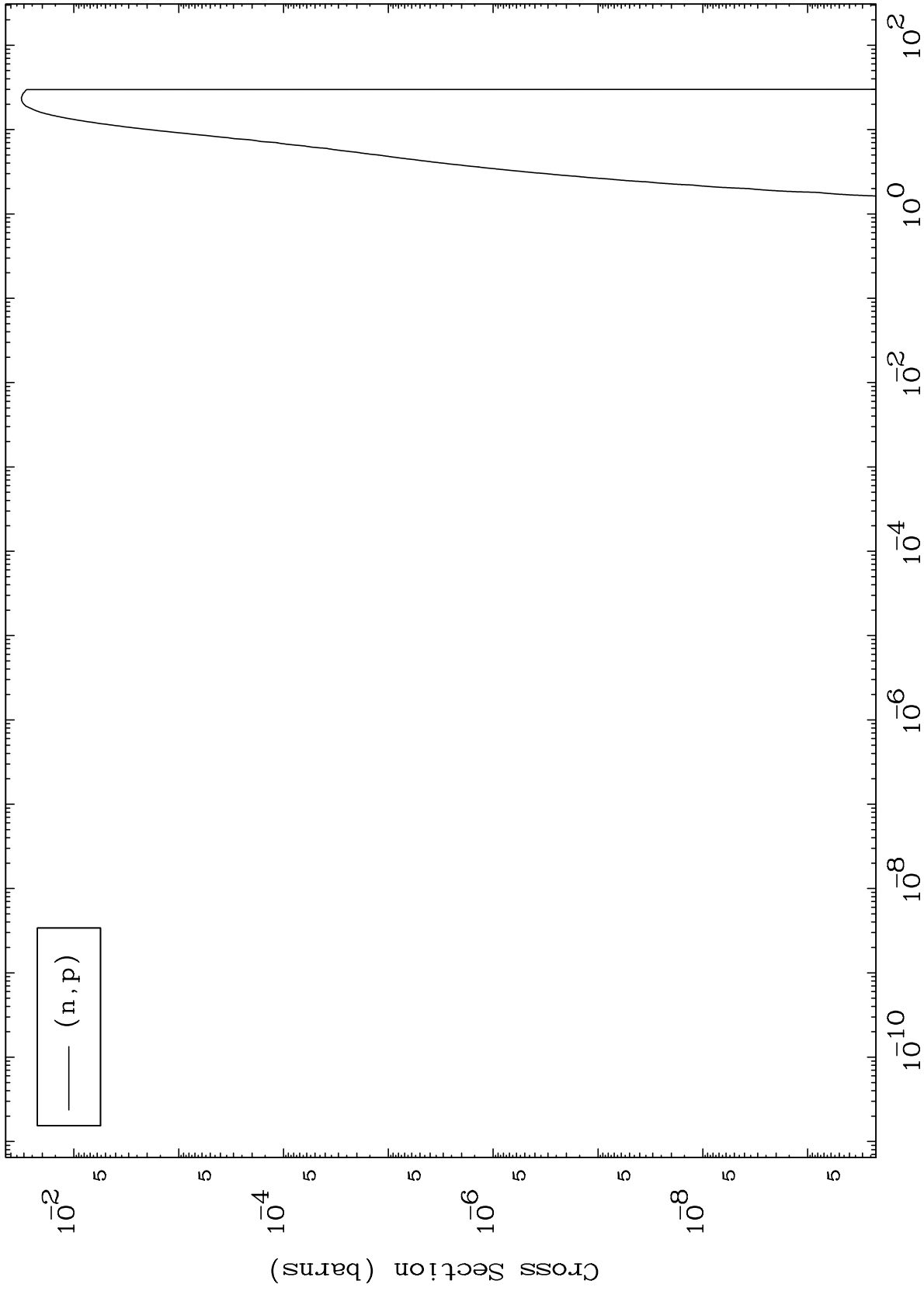
66-Dy-156



MAT 6625

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-156



10

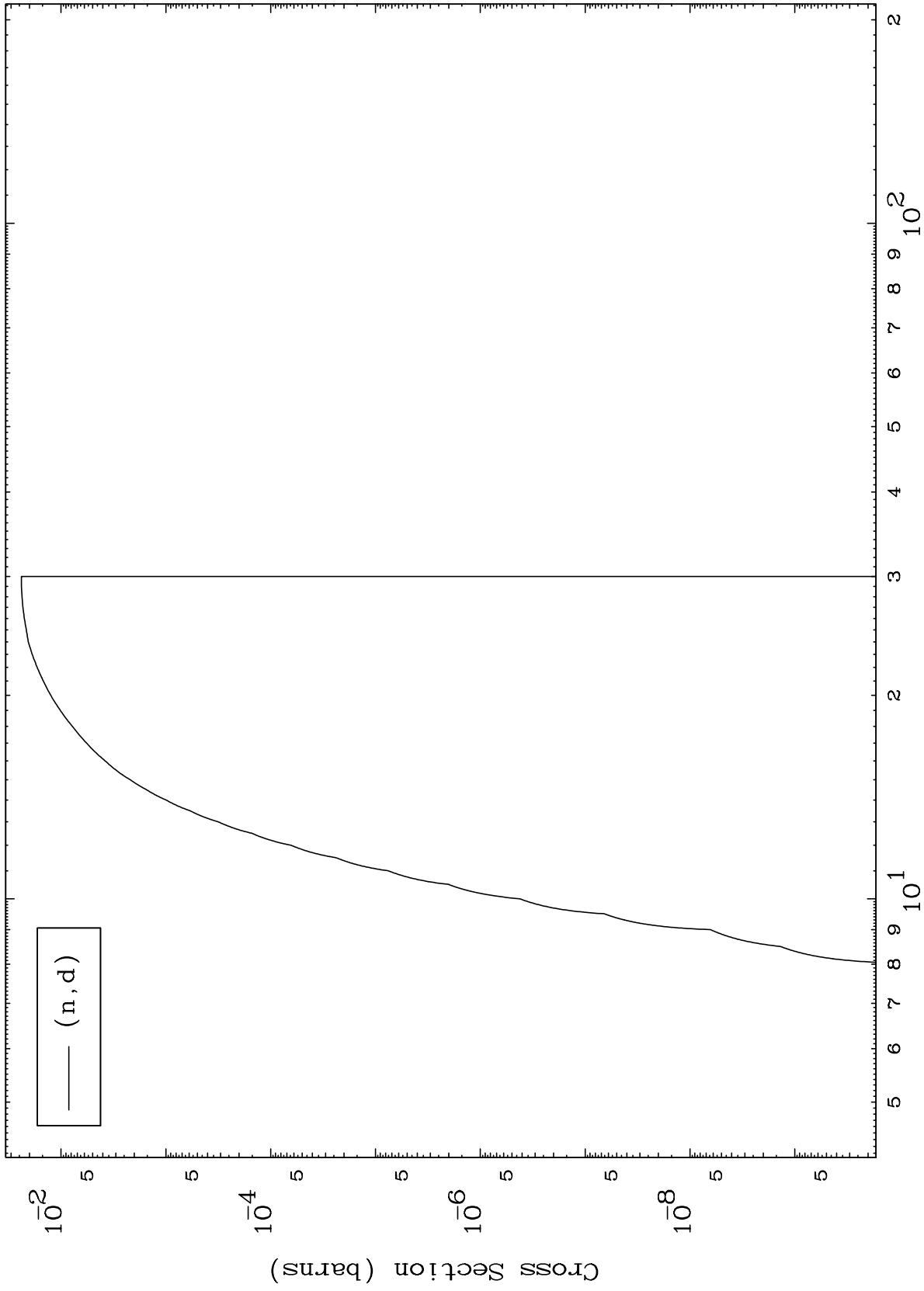
Incident Energy (MeV)

66-Dy-156

MAT 6625

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-156



11

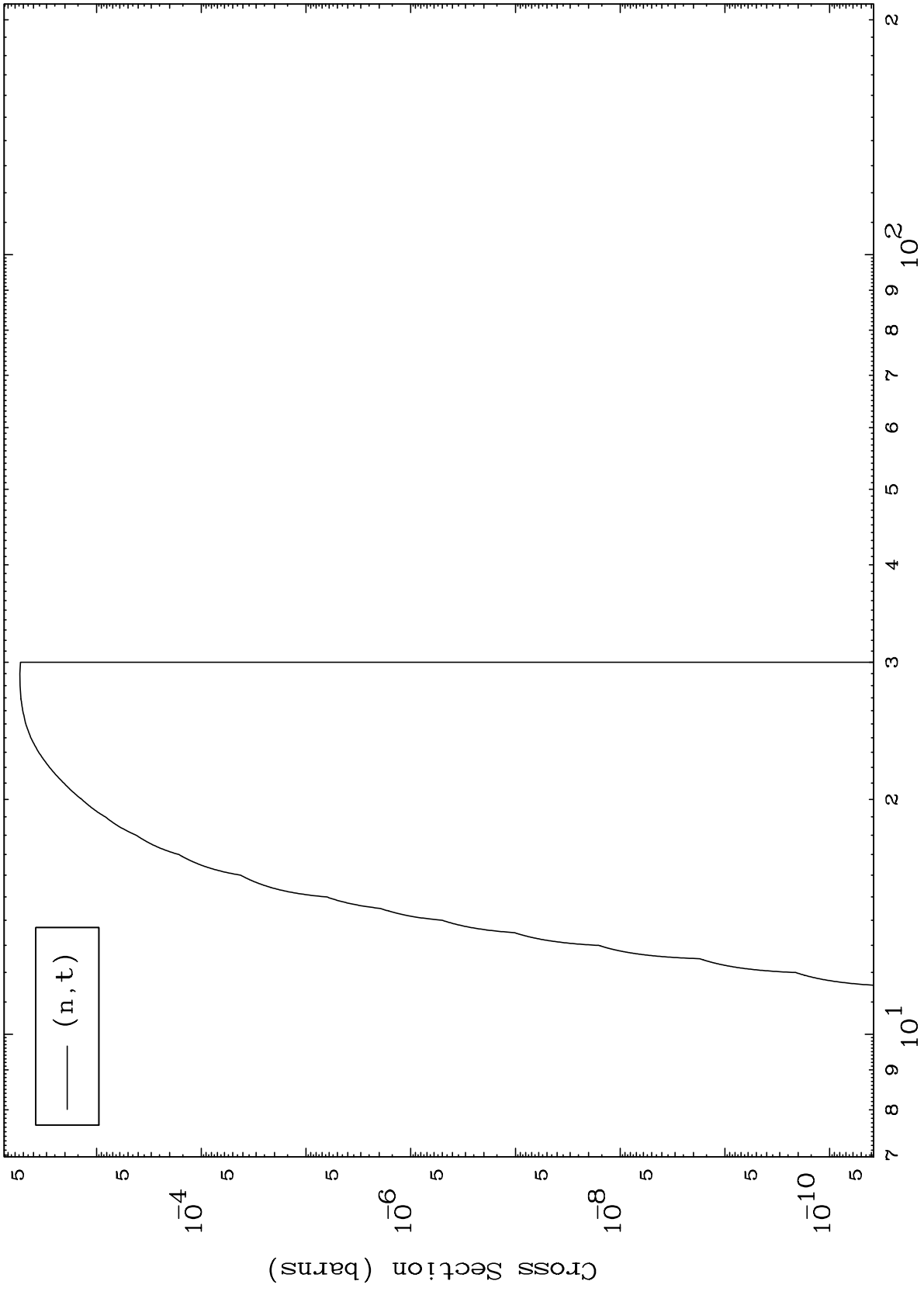
Incident Energy (MeV)

66-Dy-156

MAT 6625

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-156



12

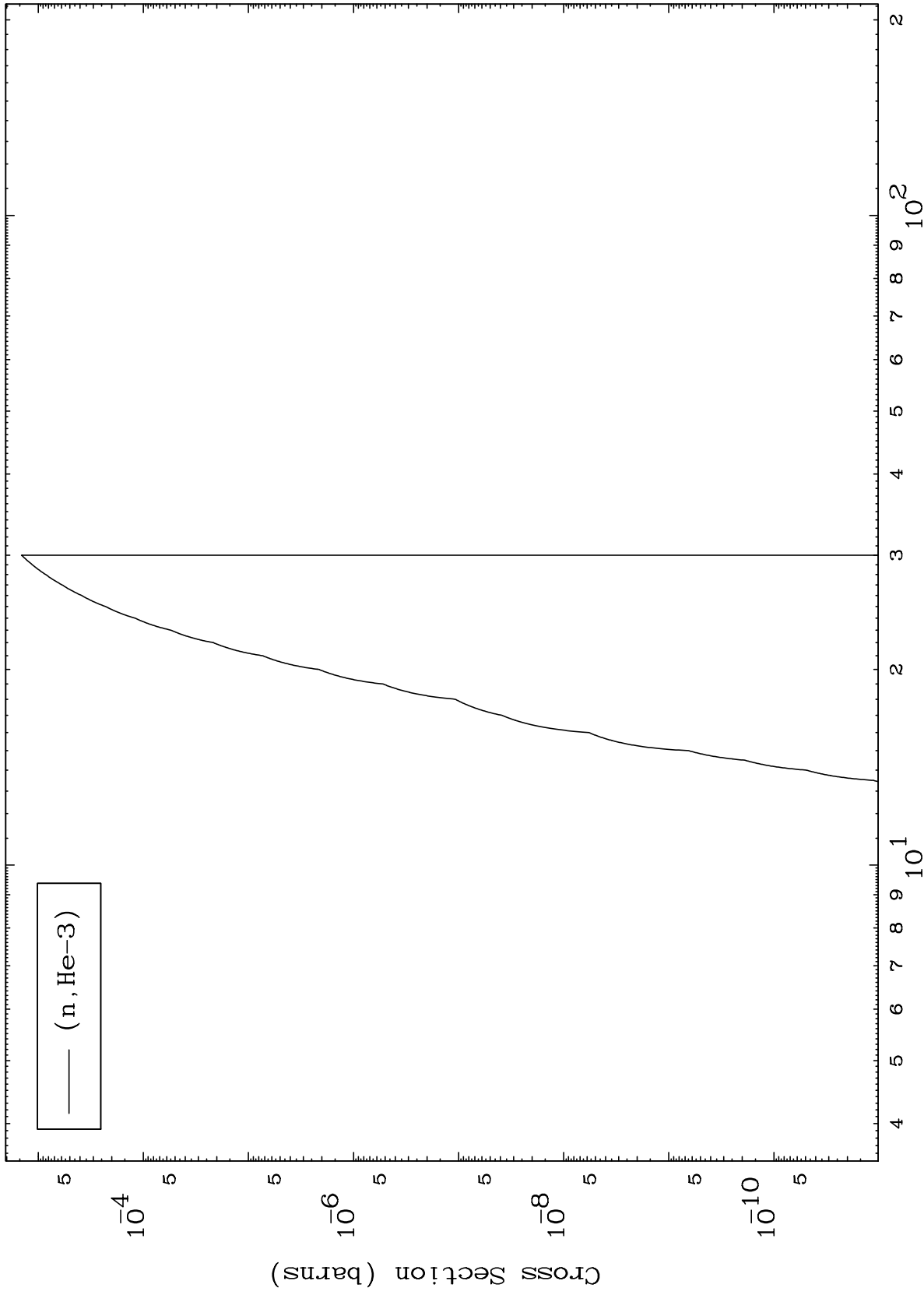
Incident Energy (MeV)

66-Dy-156

MAT 6625

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-156



13

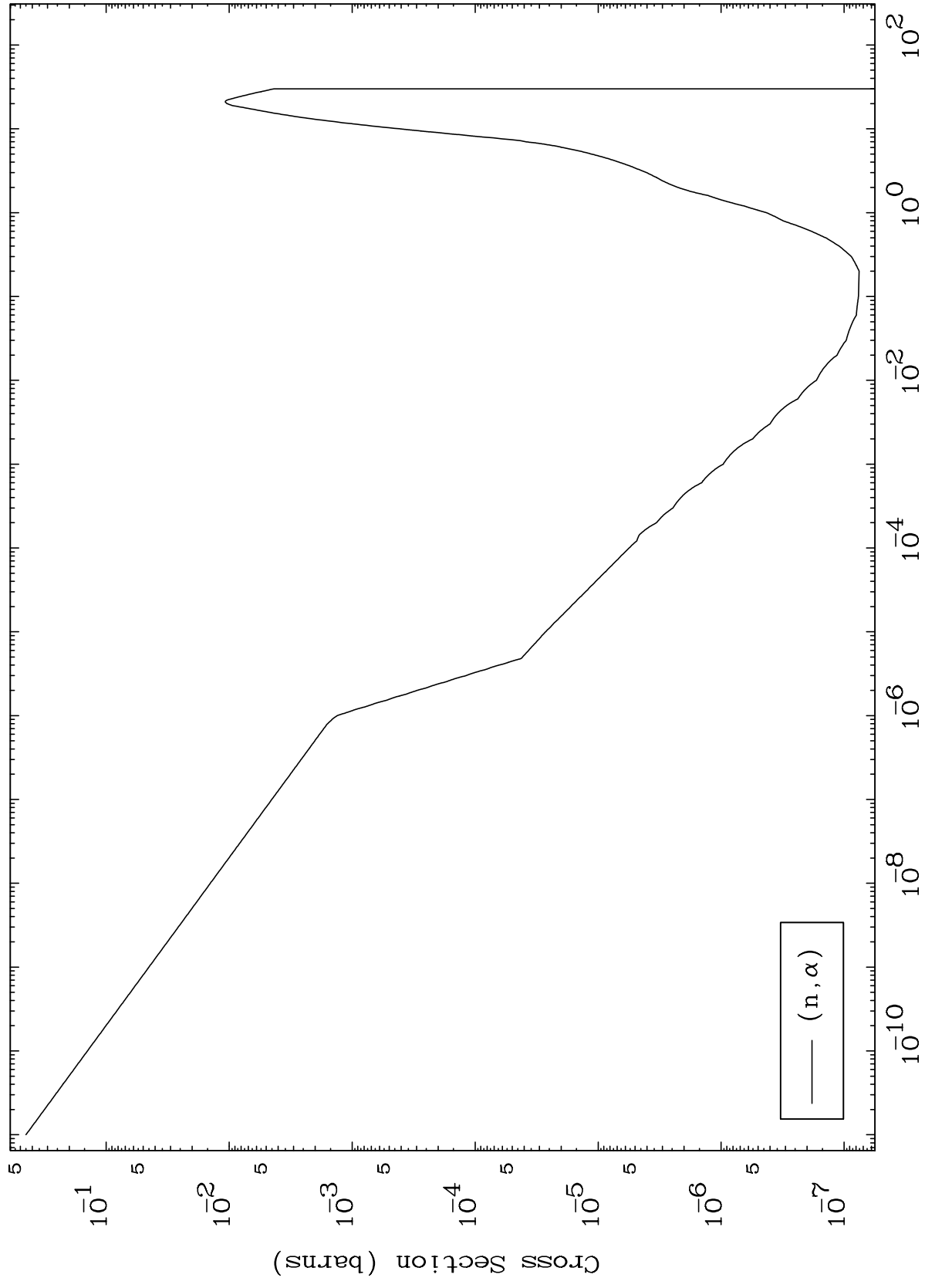
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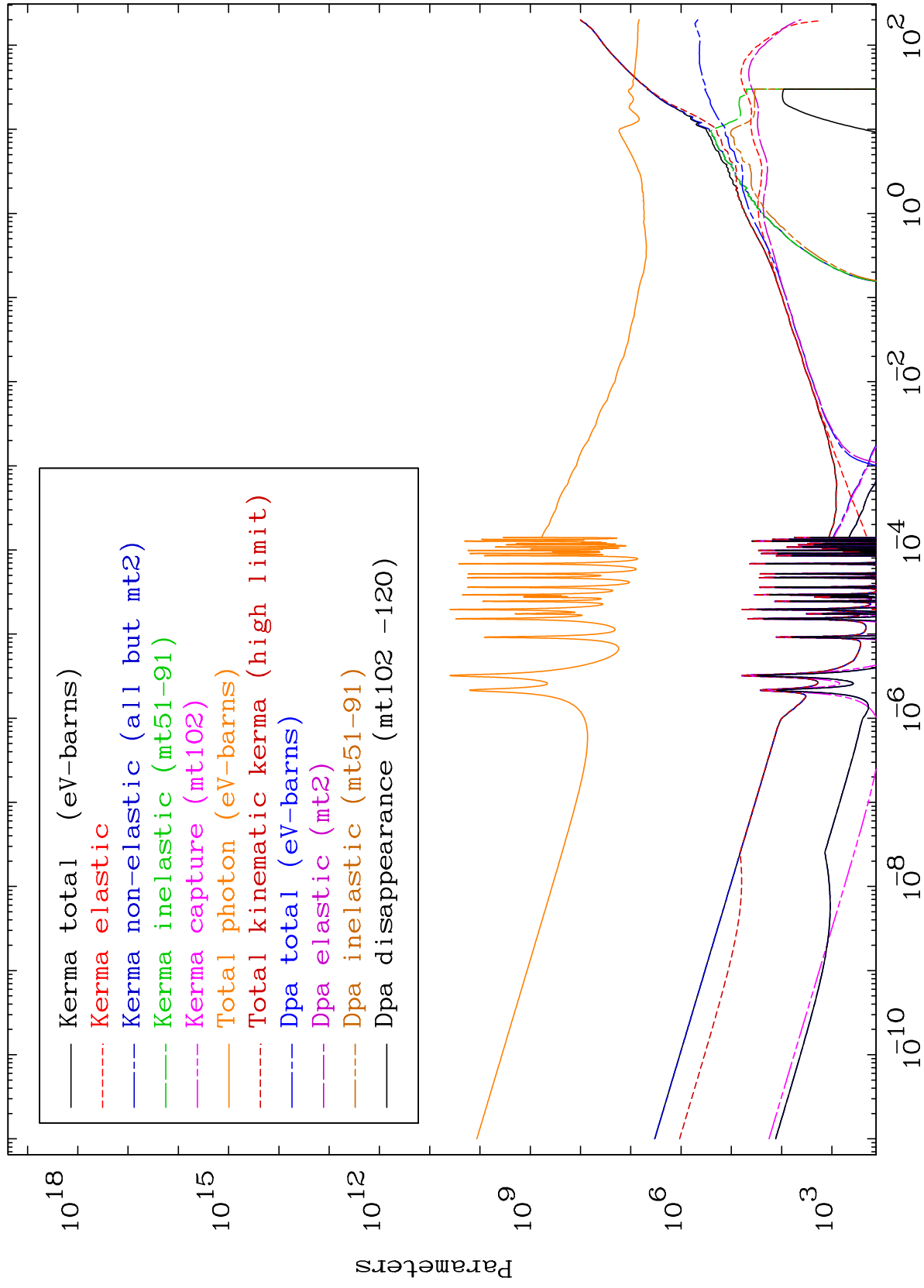
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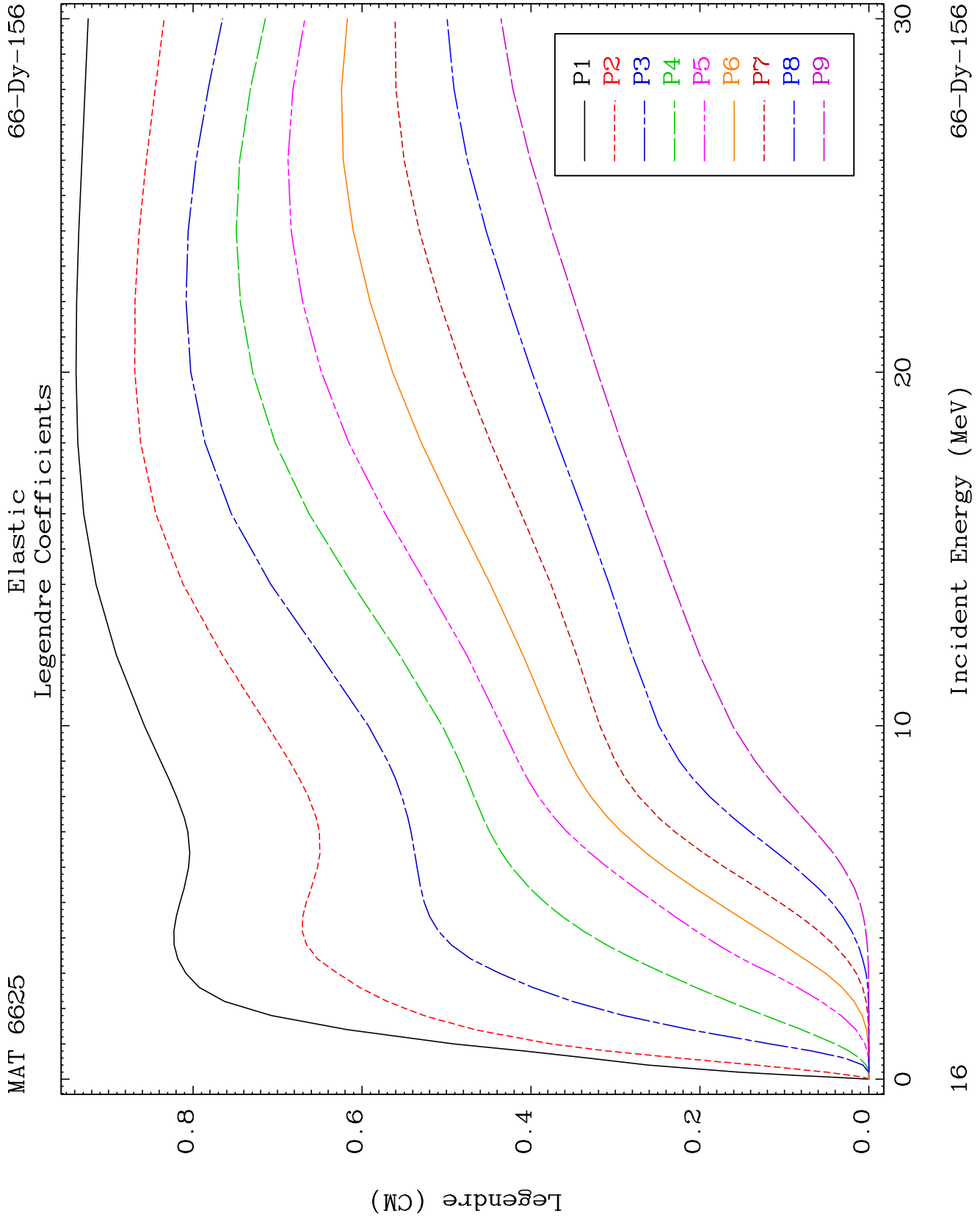
MAT 6625

(n,α) Levels
293 Kelvin Cross Sections

66-Dy-156



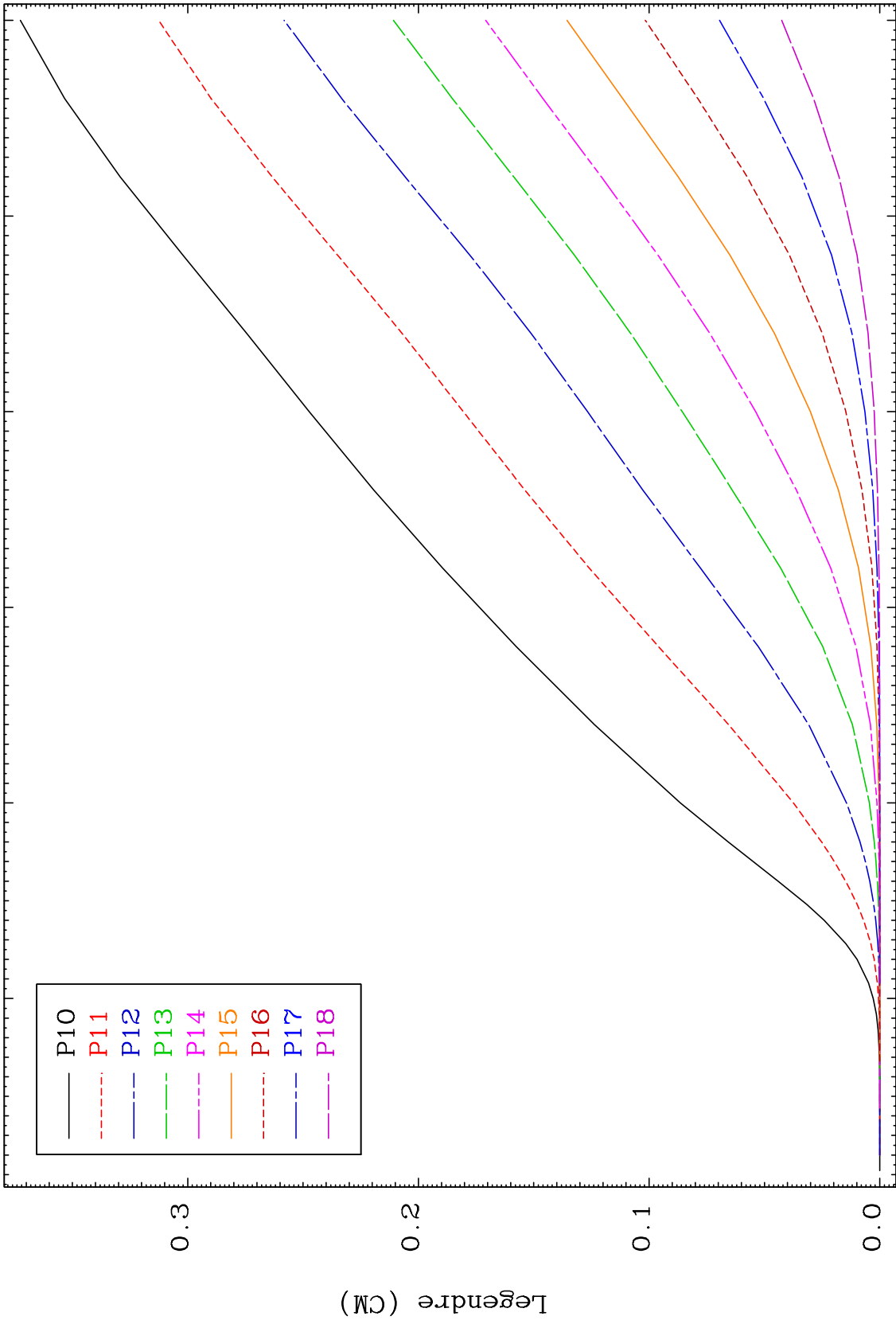




MAT 6625

Elastic Legendre Coefficients

66-Dy-156



17

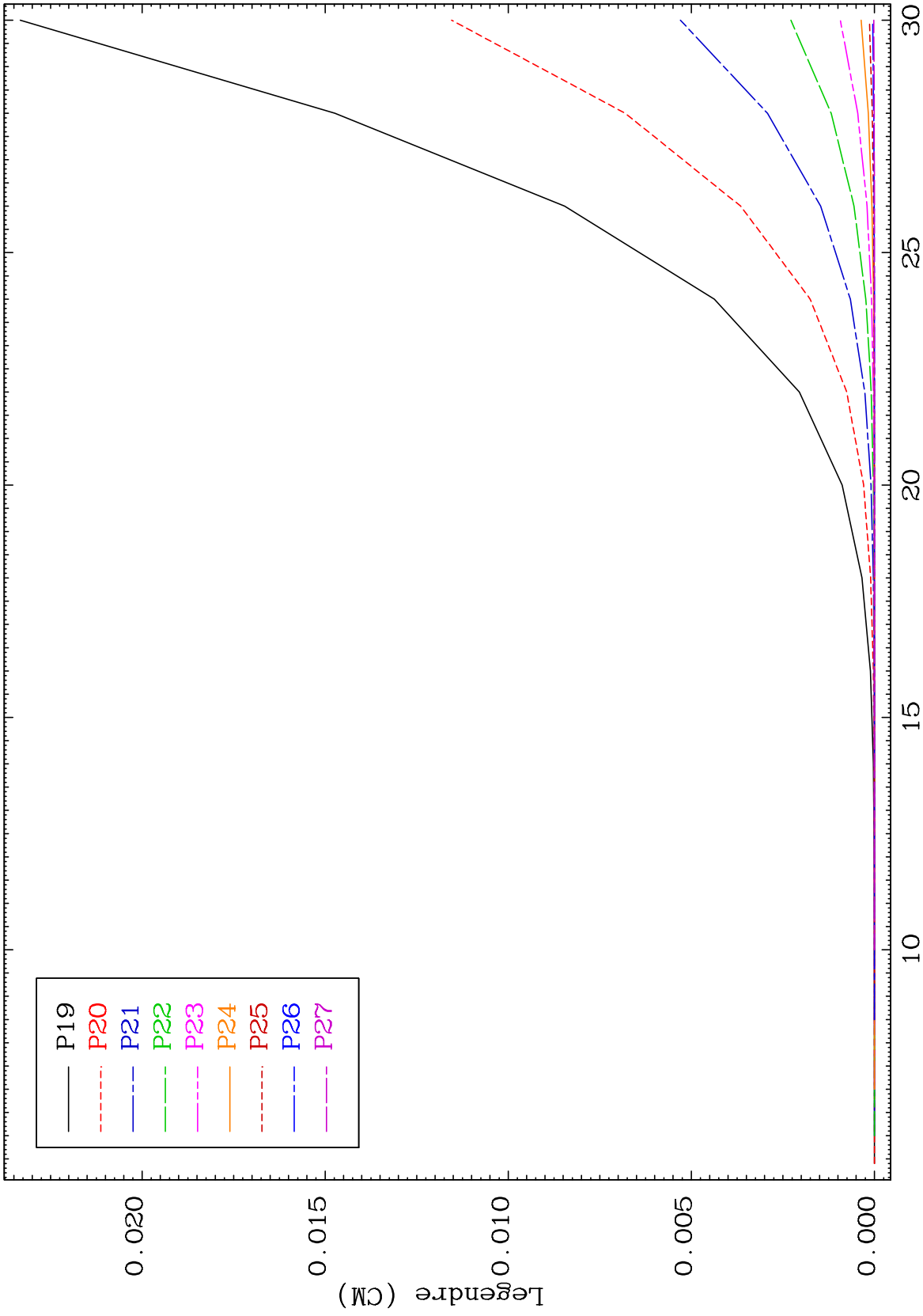
Incident Energy (MeV)

66-Dy-156

MAT 6625

Elastic Legendre Coefficients

66-Dy-156



18

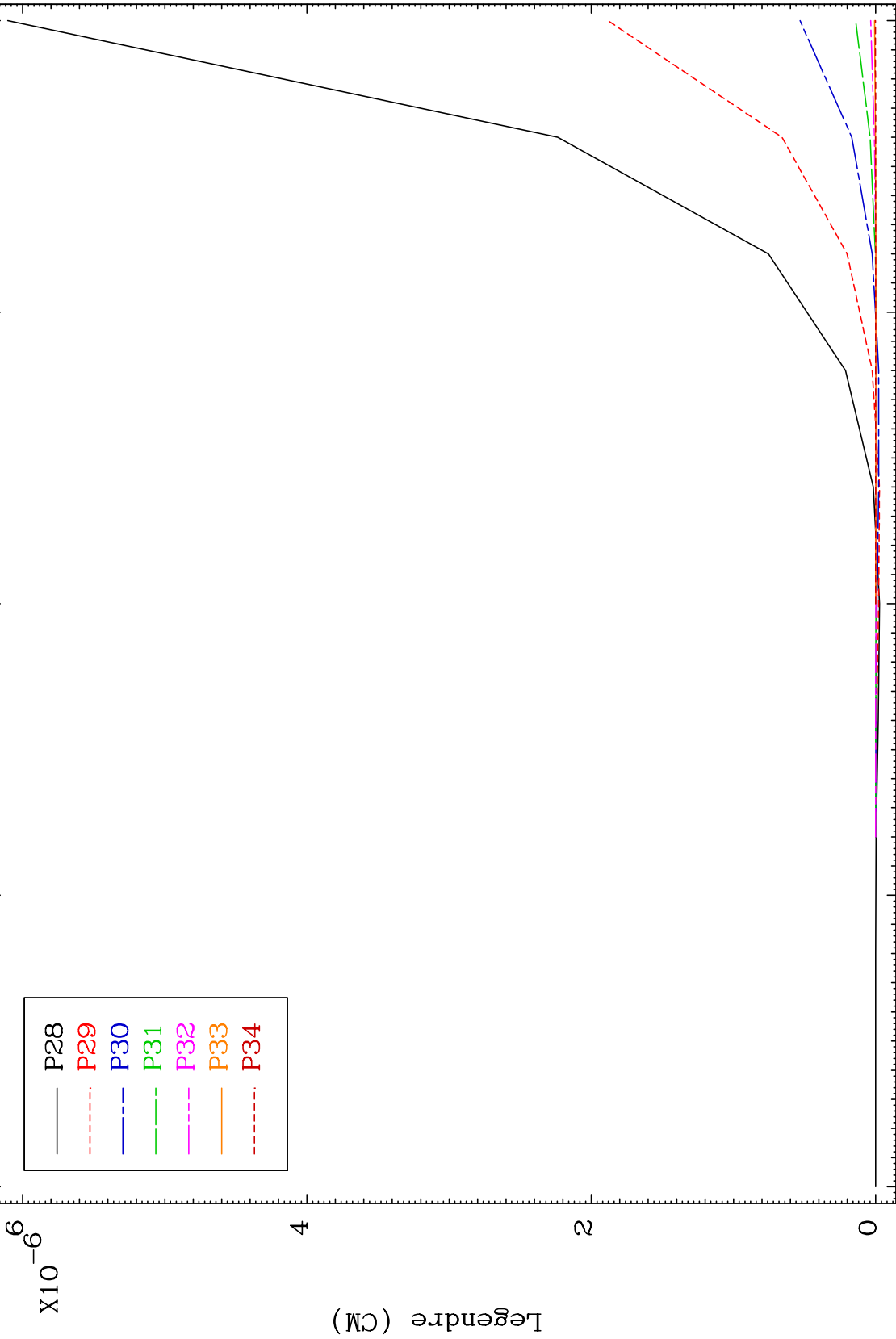
Incident Energy (MeV)

66-Dy-156

MAT 6625

Elastic Legendre Coefficients

66-Dy-156



19

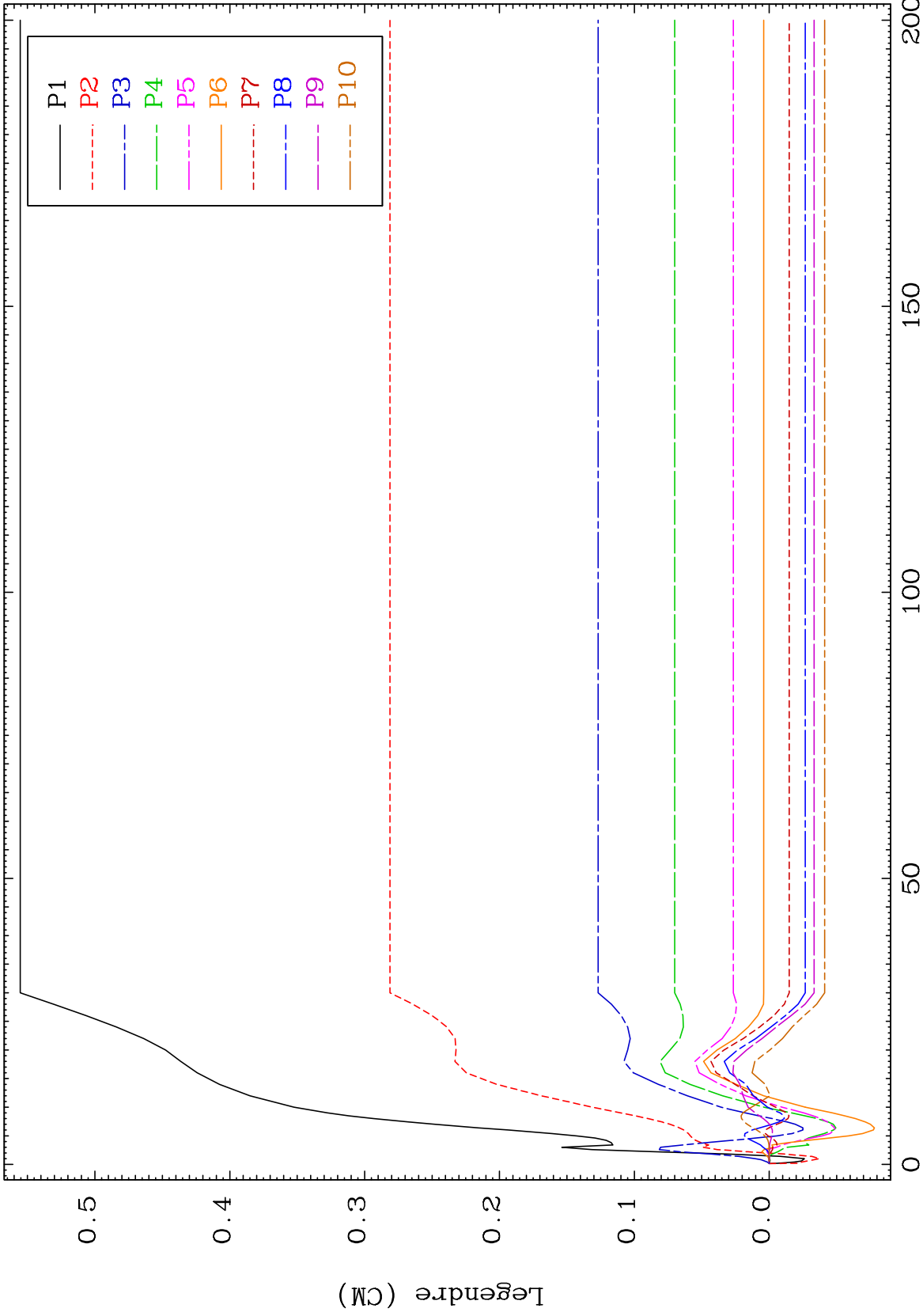
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



20

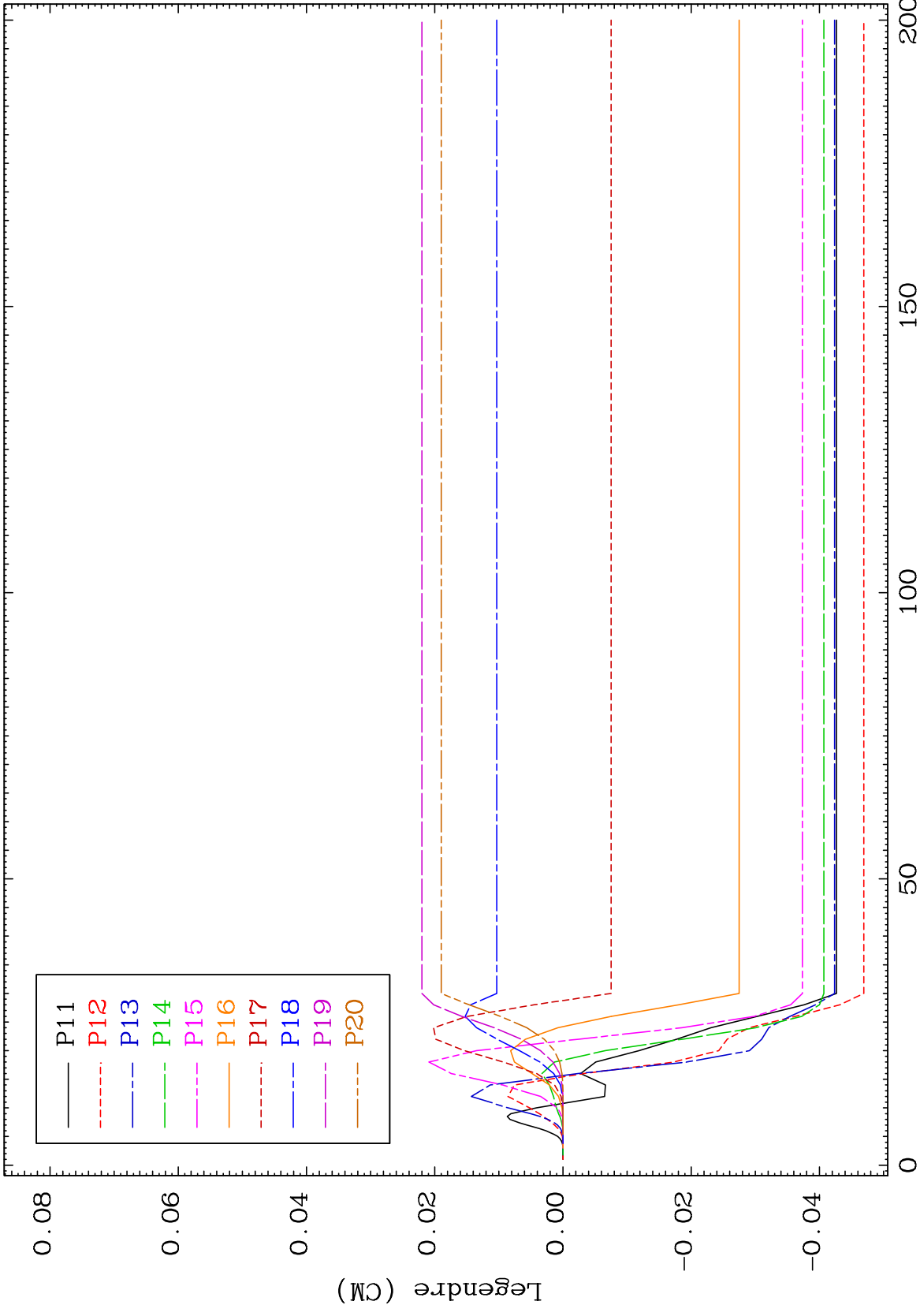
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



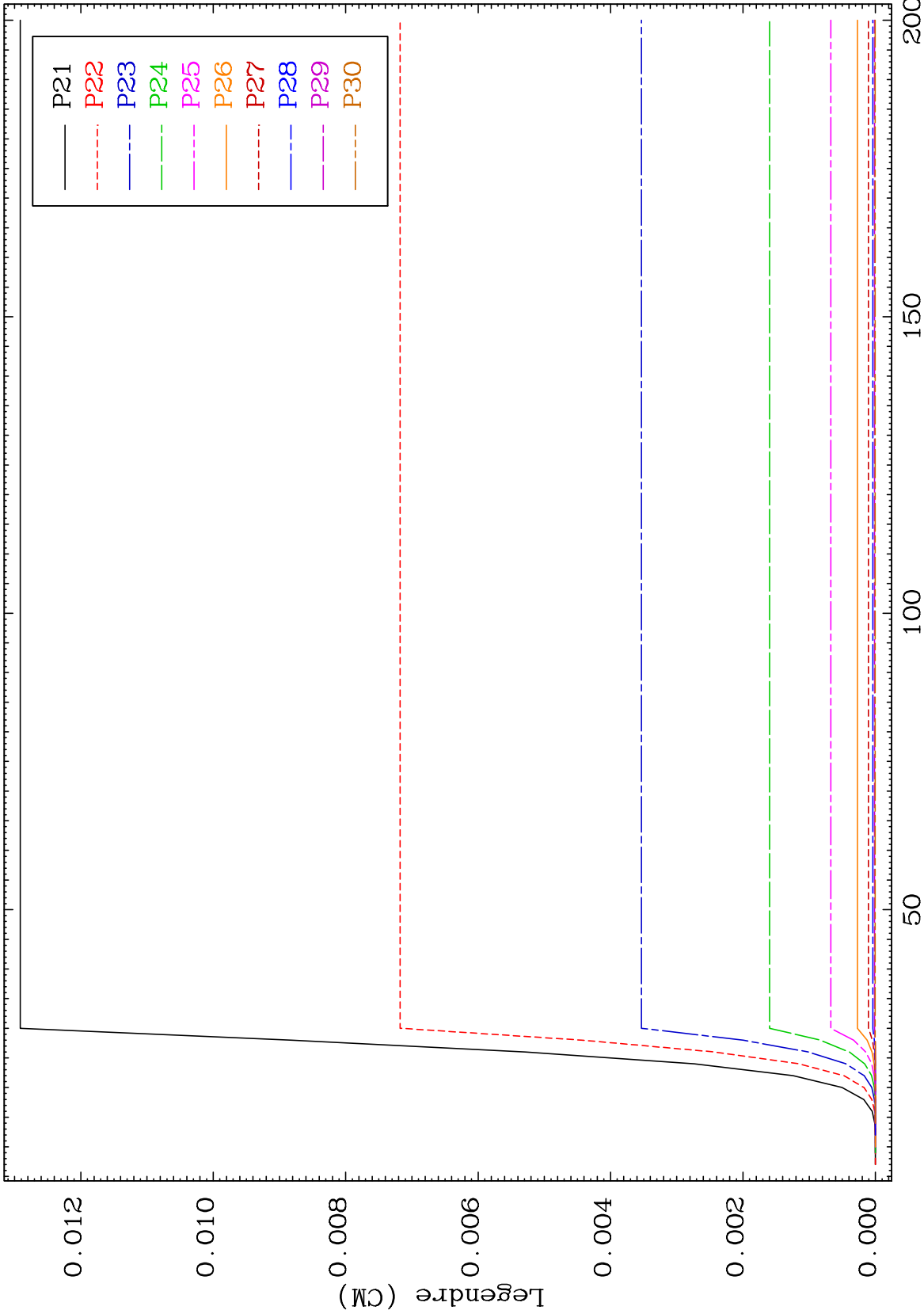
21

66-Dy-156

MAT 6625

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

66-Dy-156



22

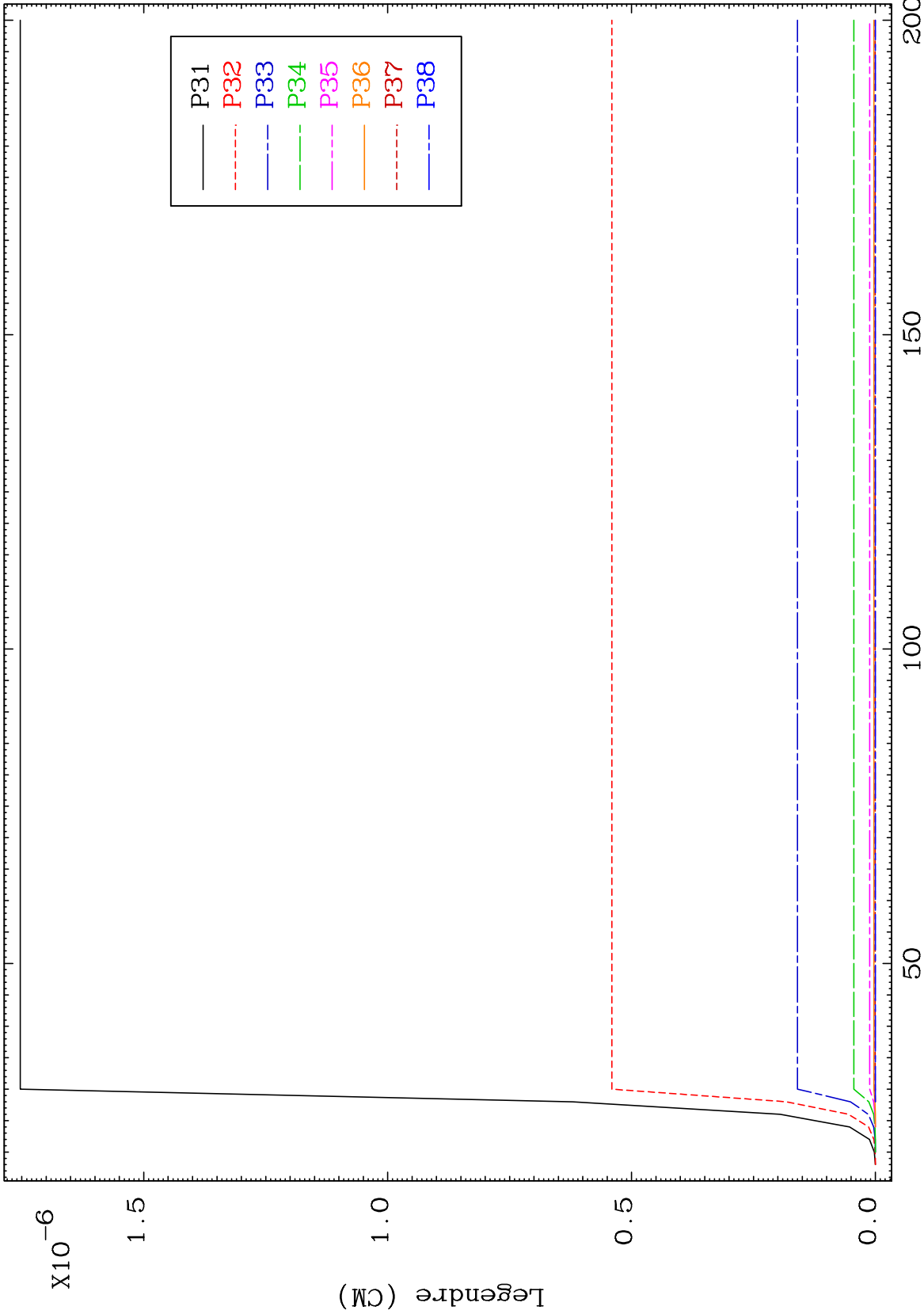
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



23

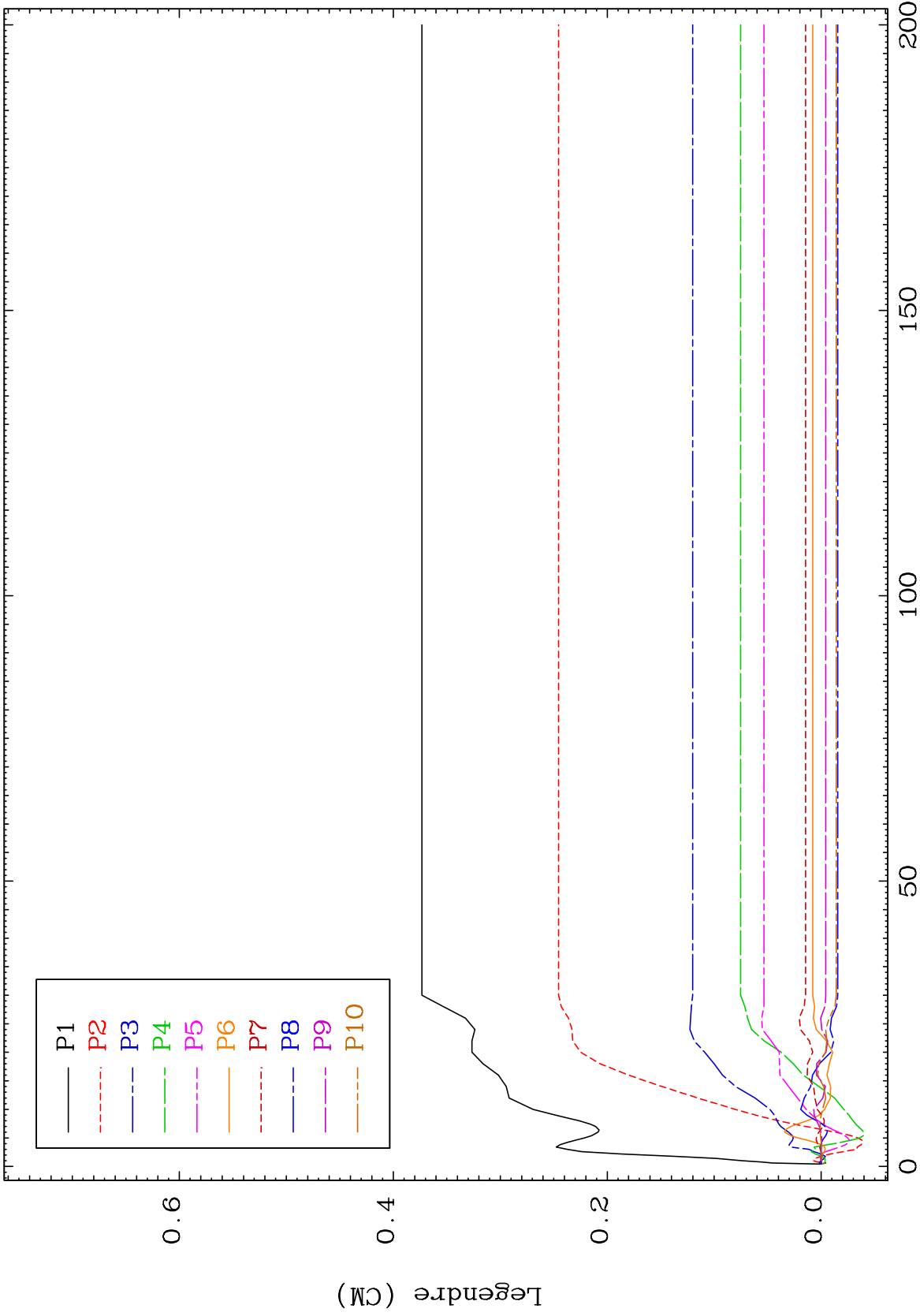
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



24

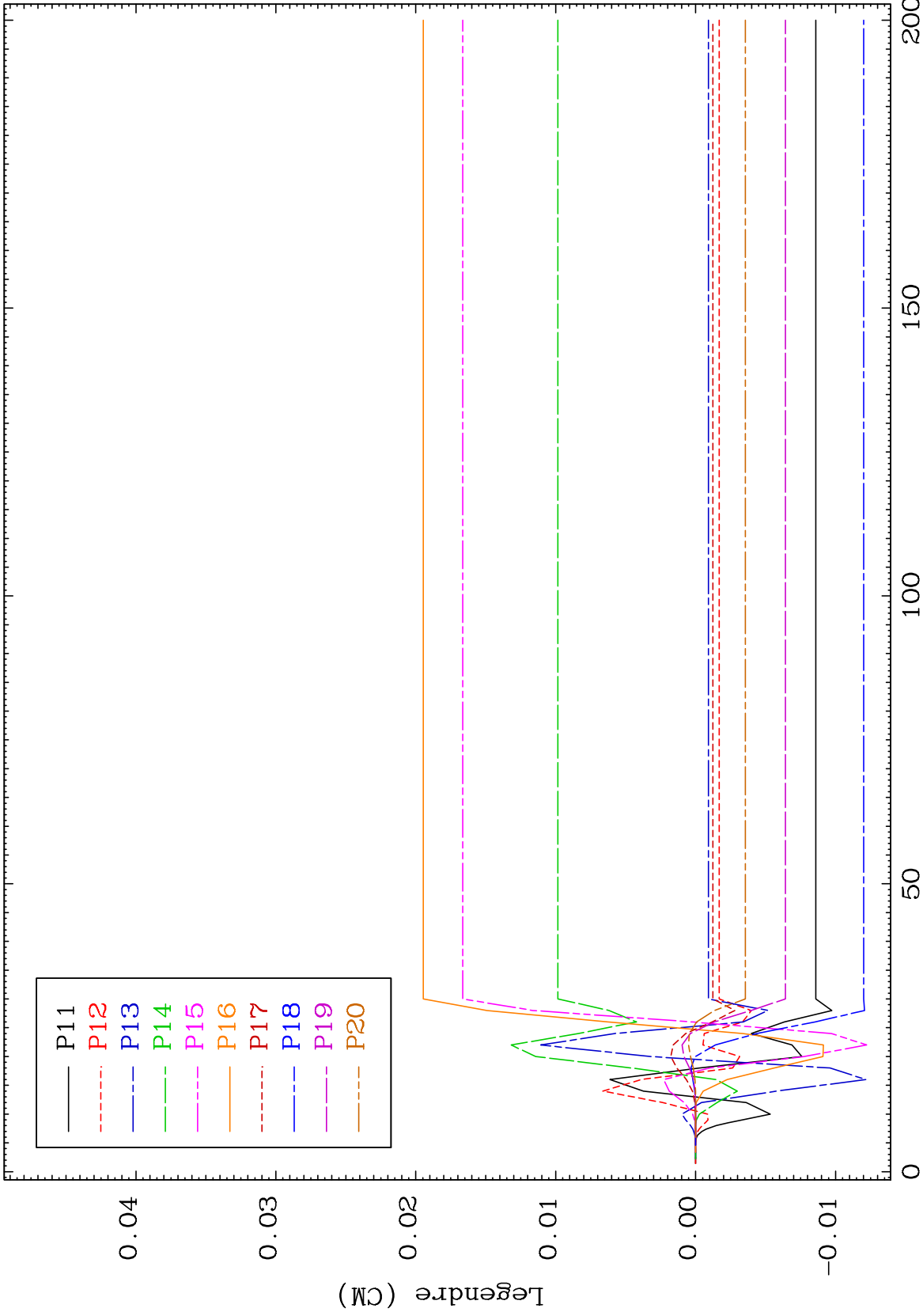
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



25

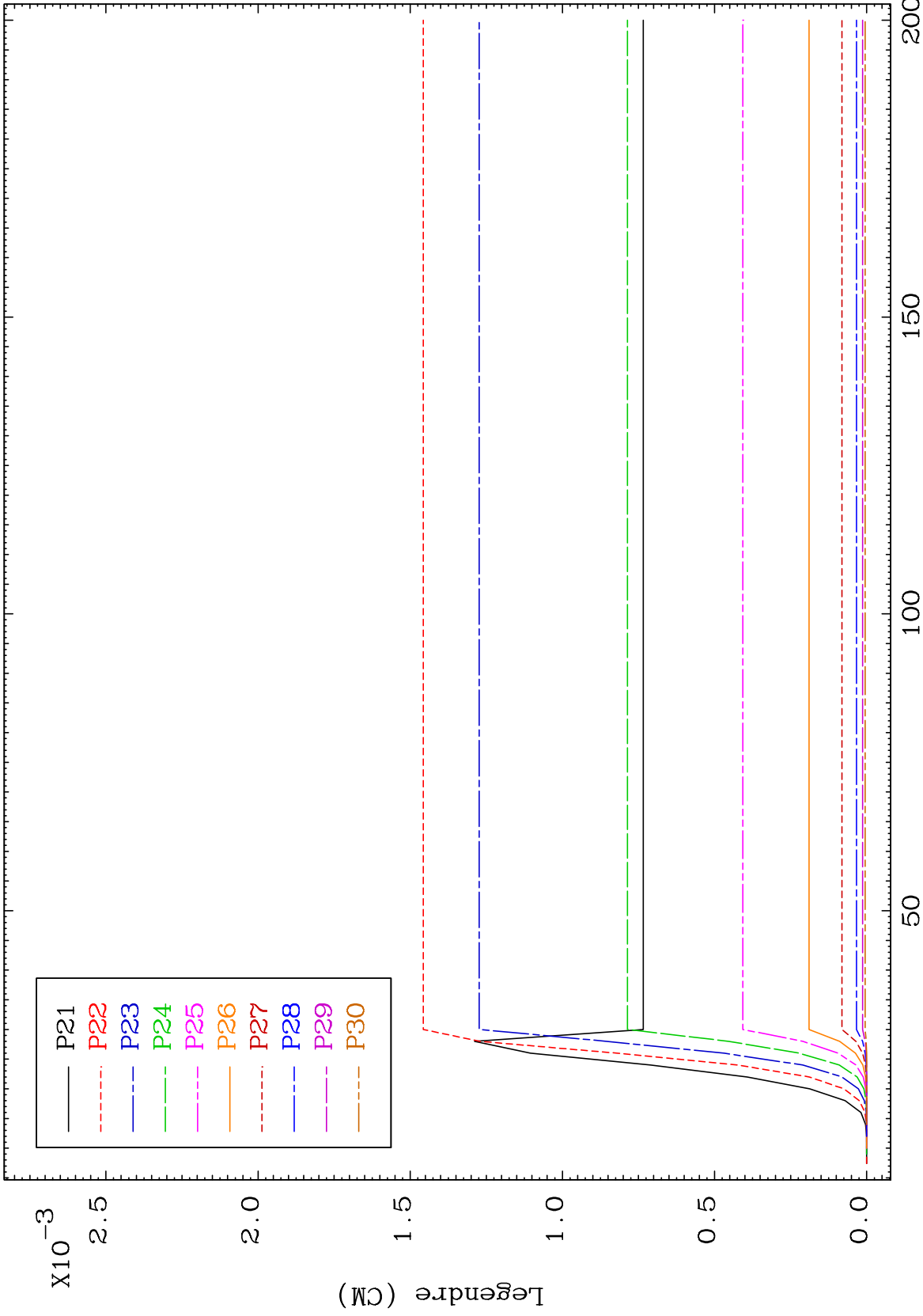
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



26

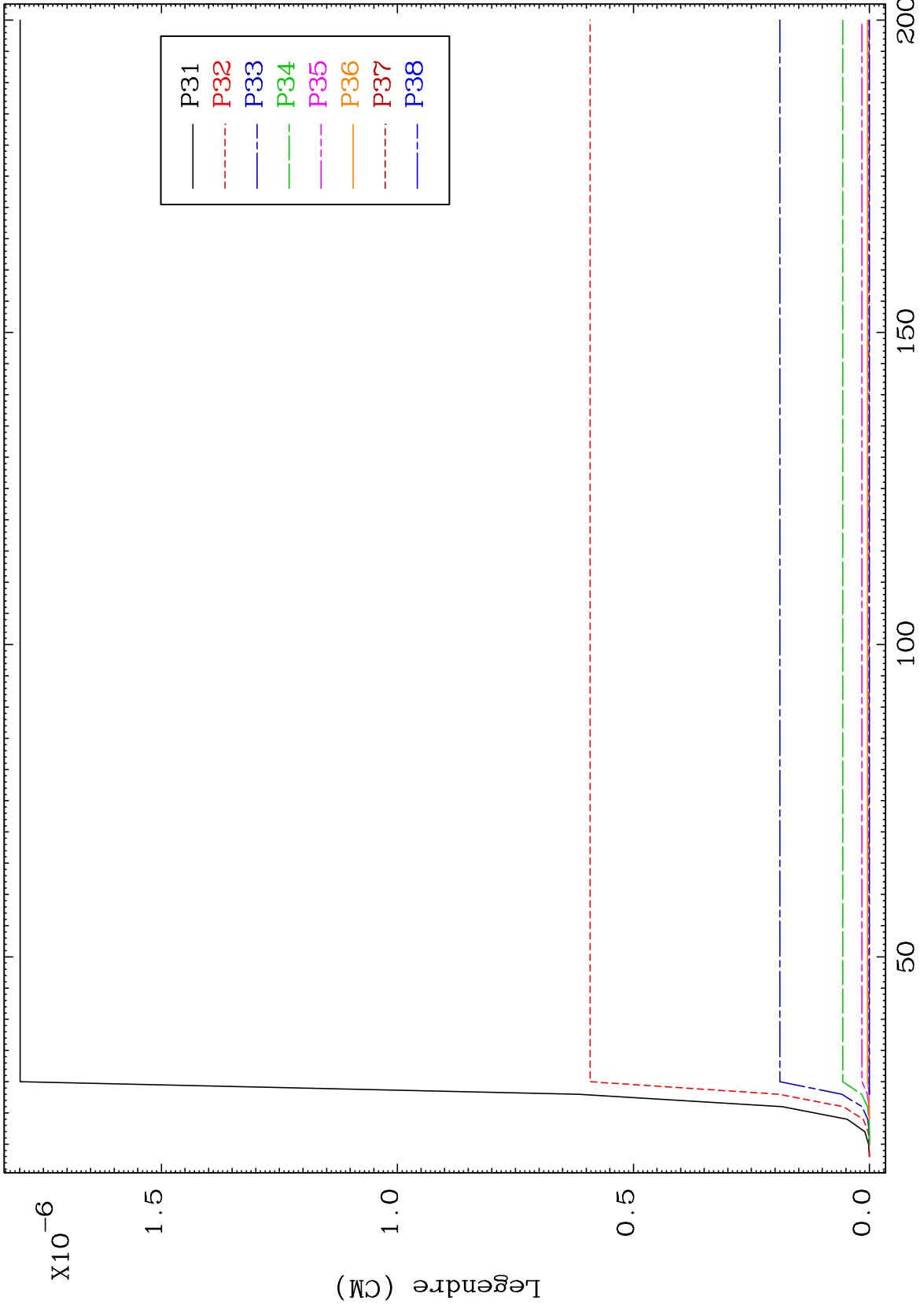
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



27

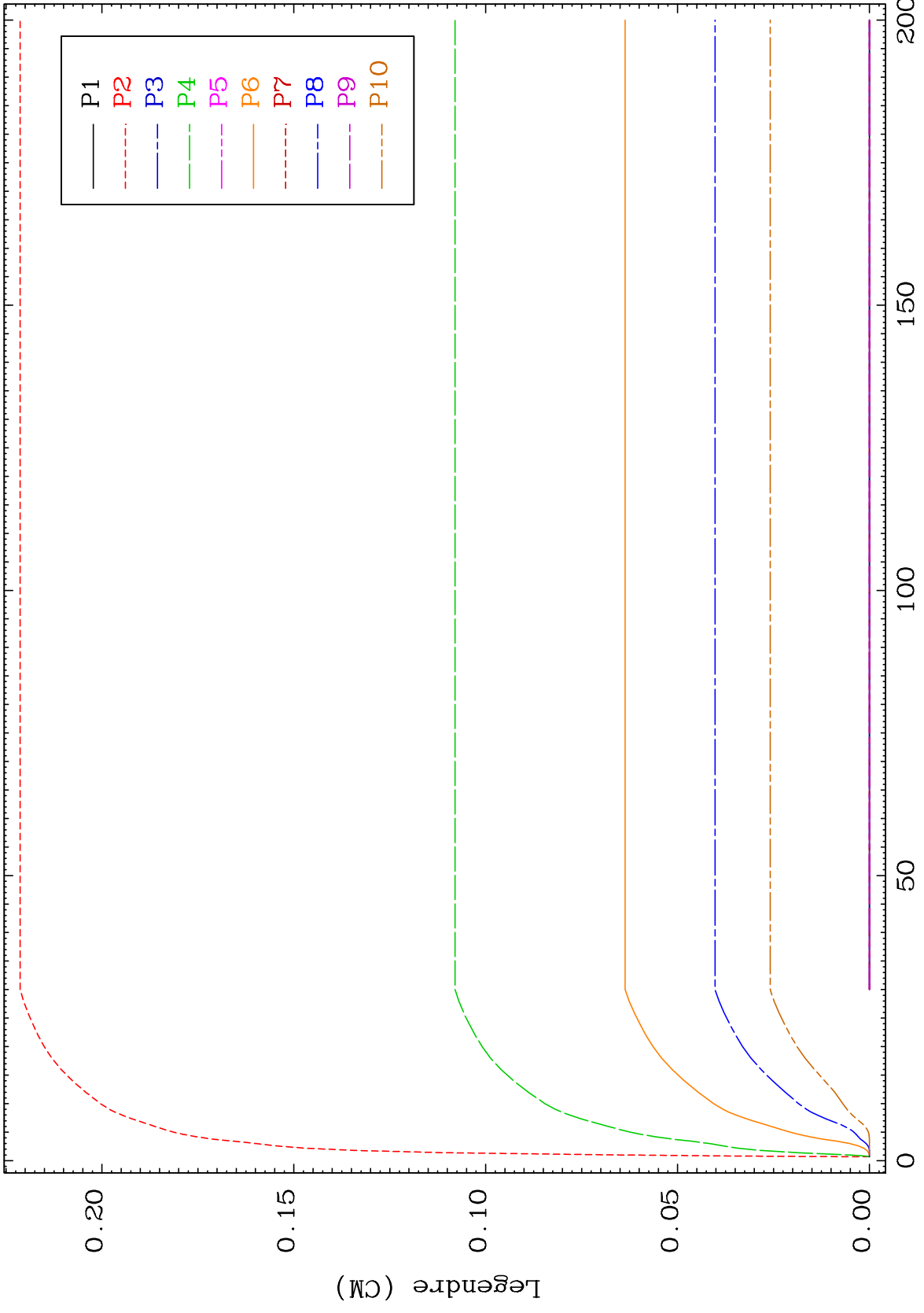
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



28

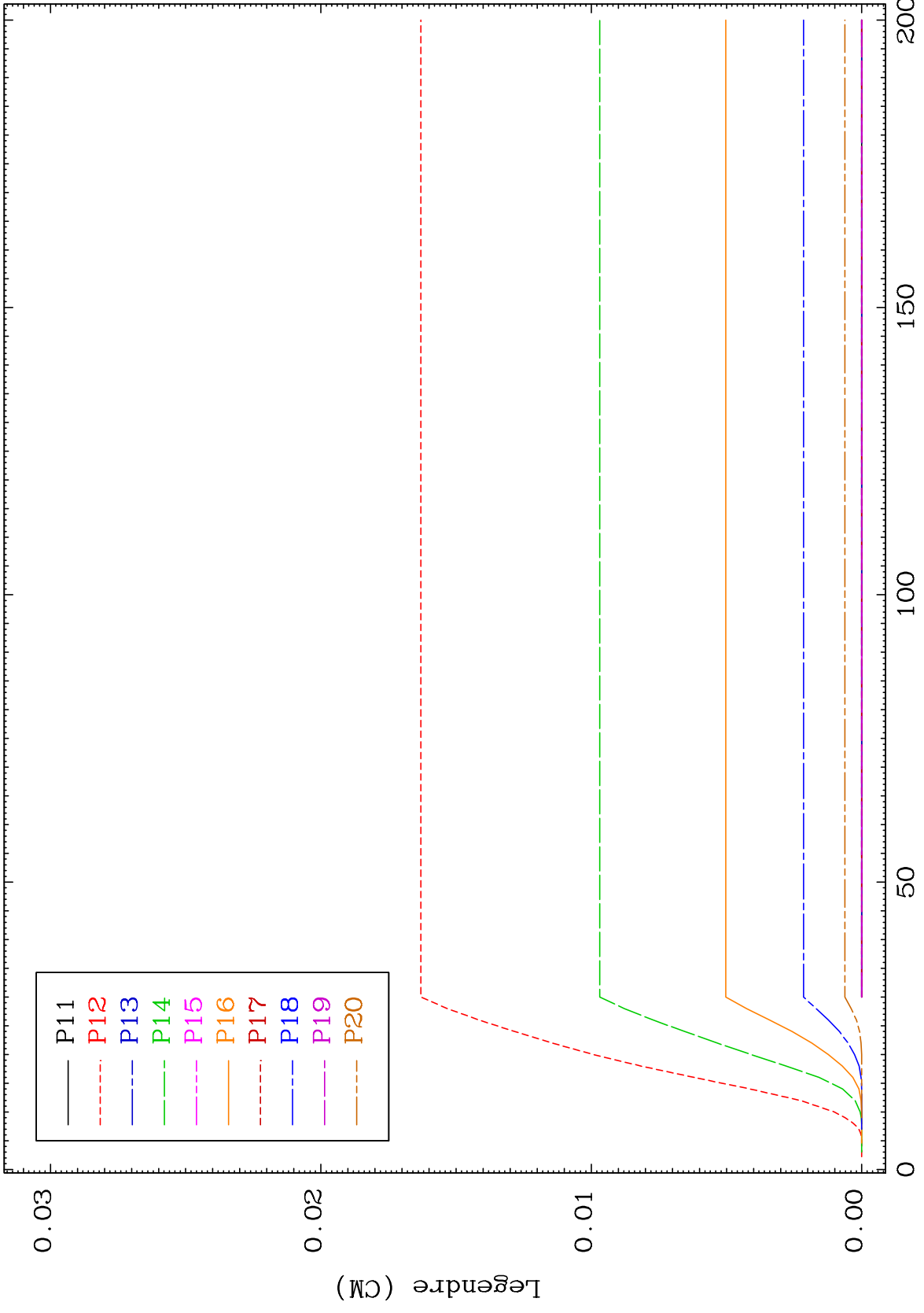
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



29

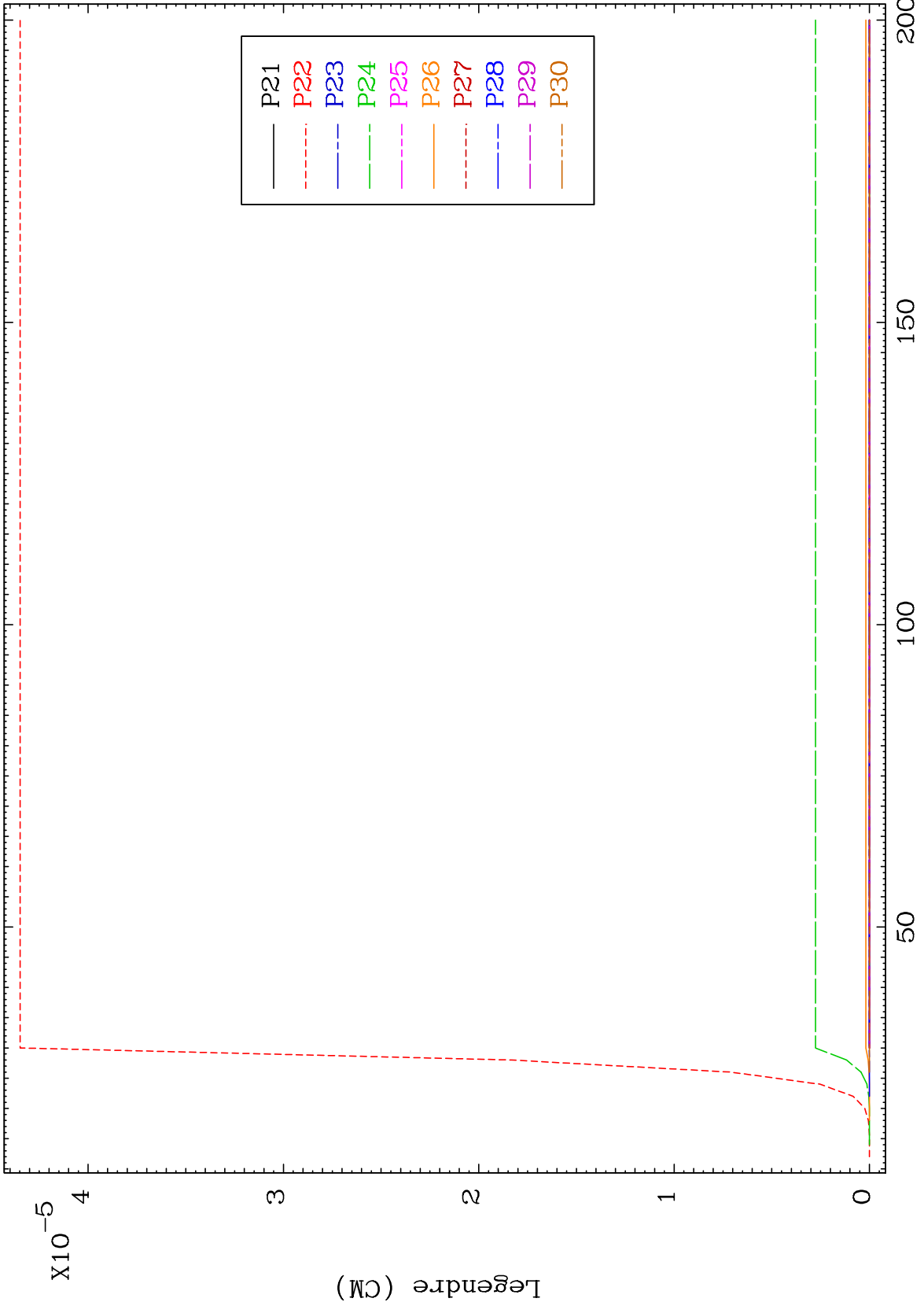
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



66-Dy-156

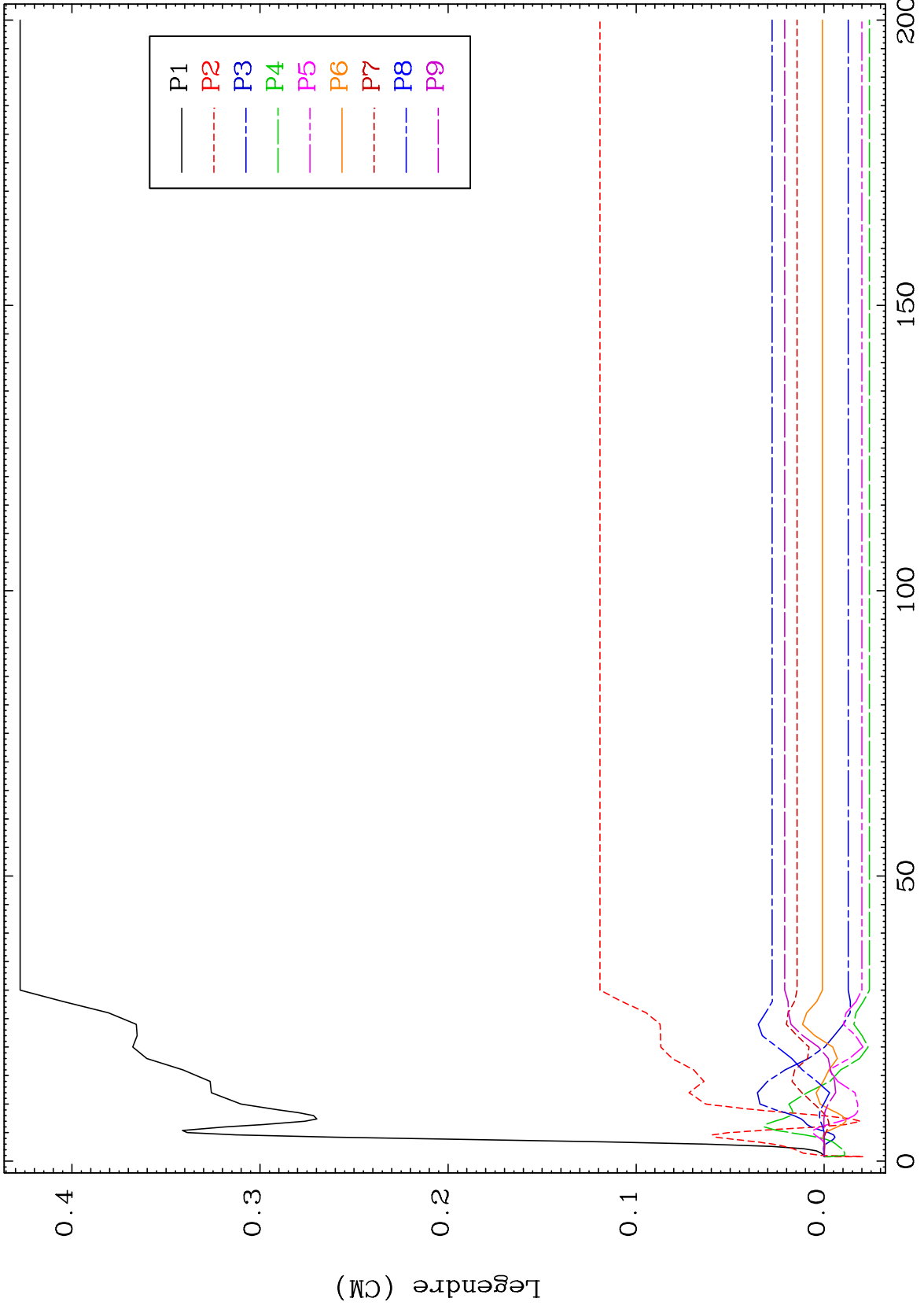
Incident Energy (MeV)

30

MAT 6625

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

66-Dy-156



31

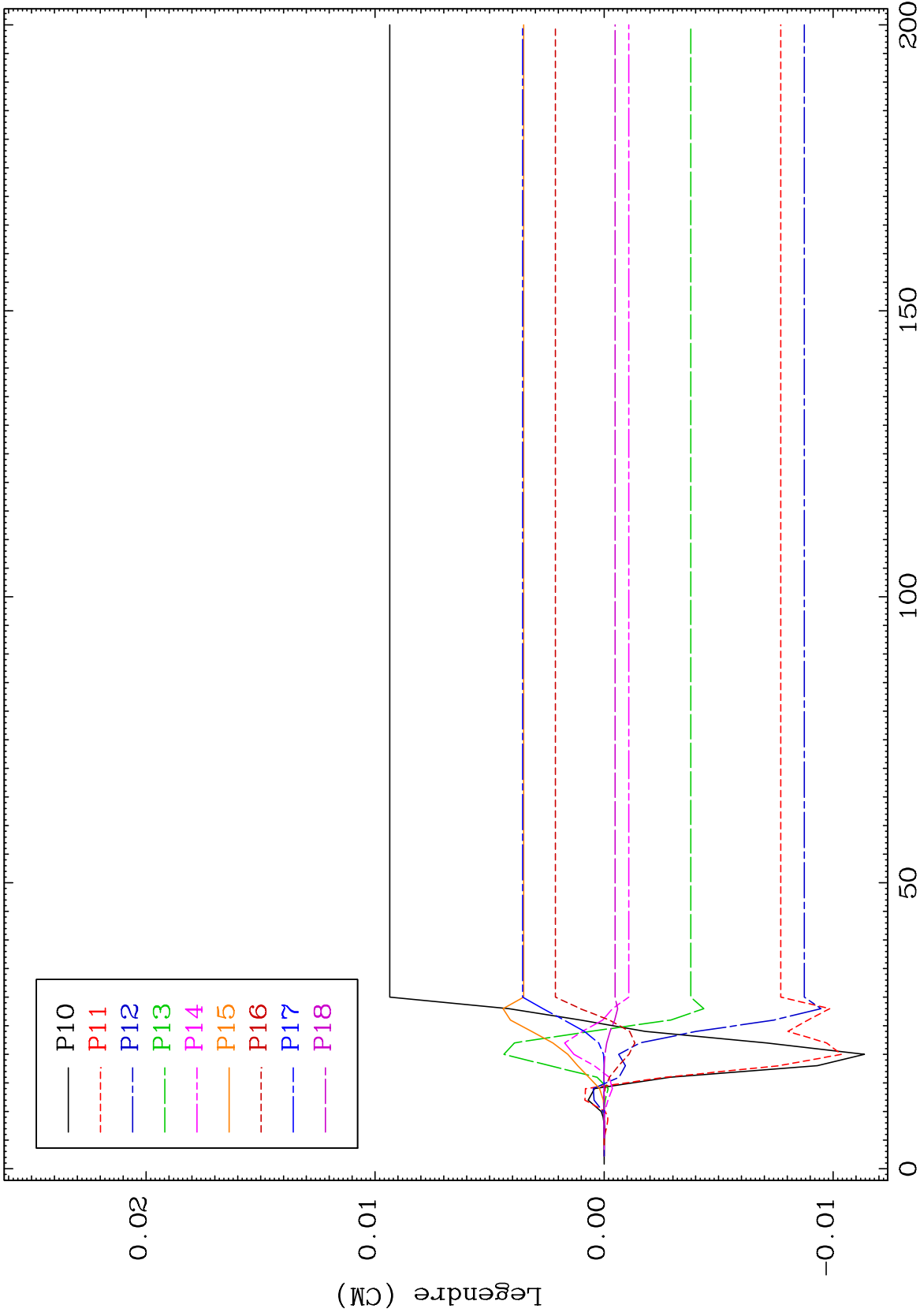
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



32

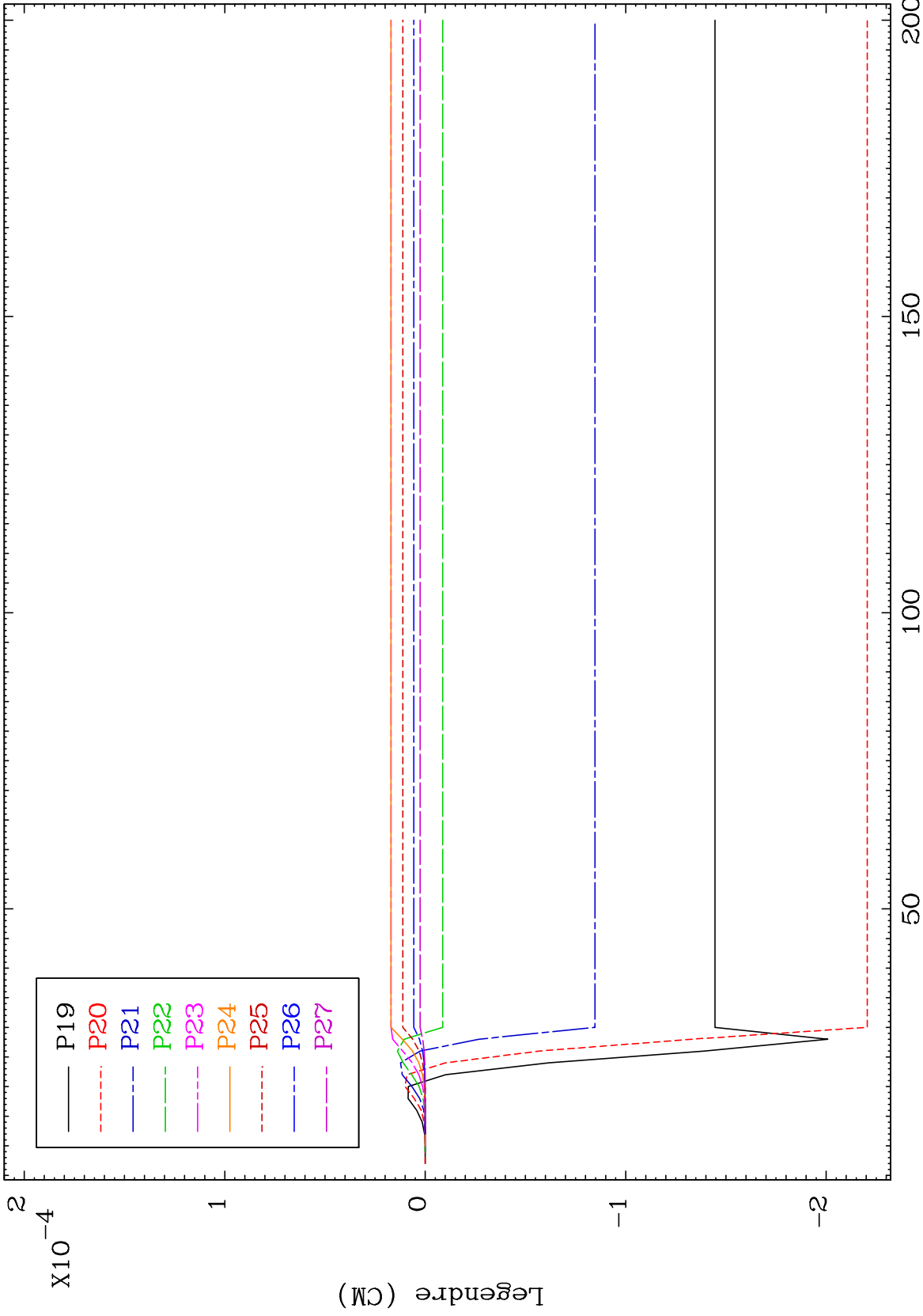
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



33

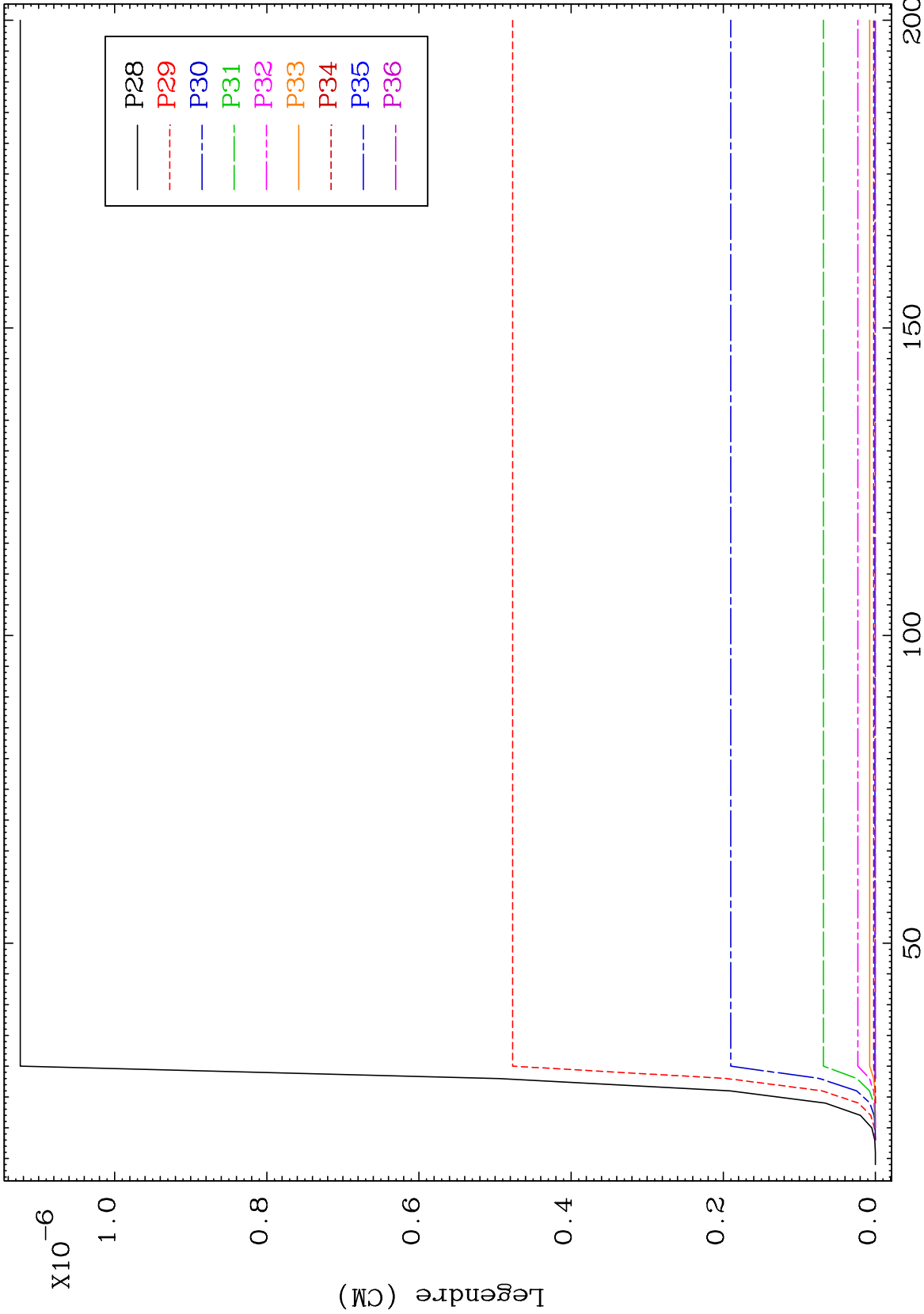
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



34

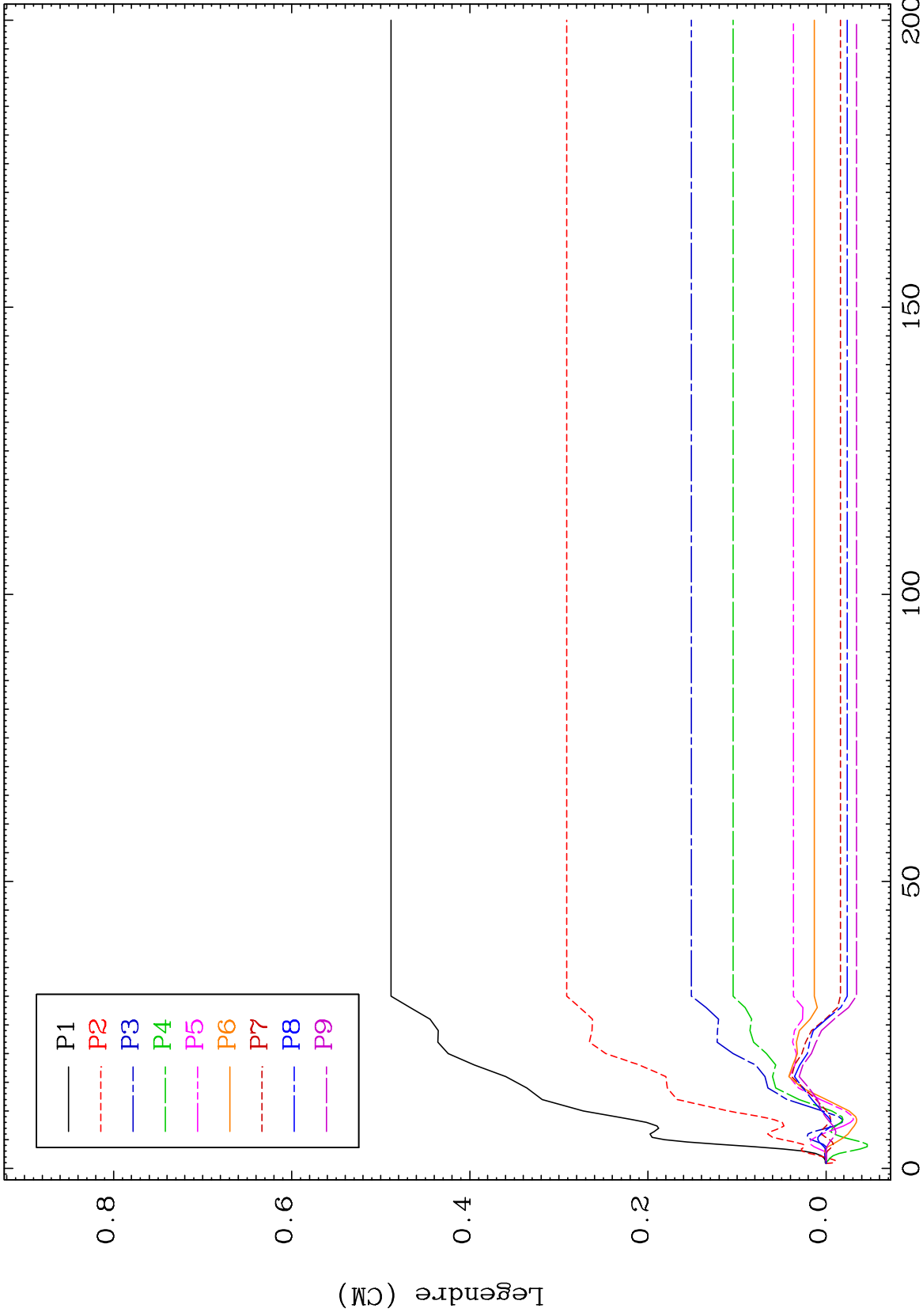
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



35

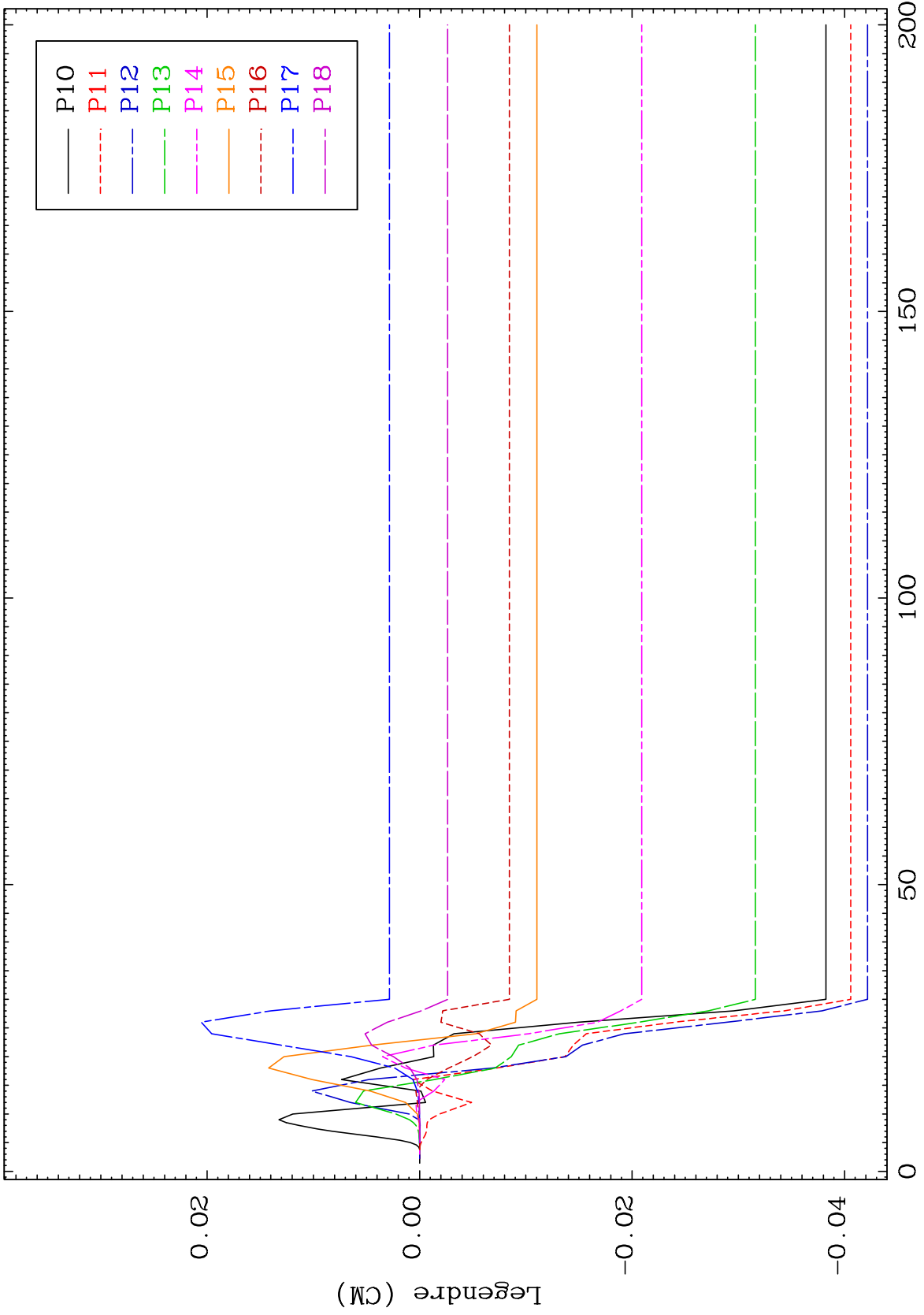
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



36

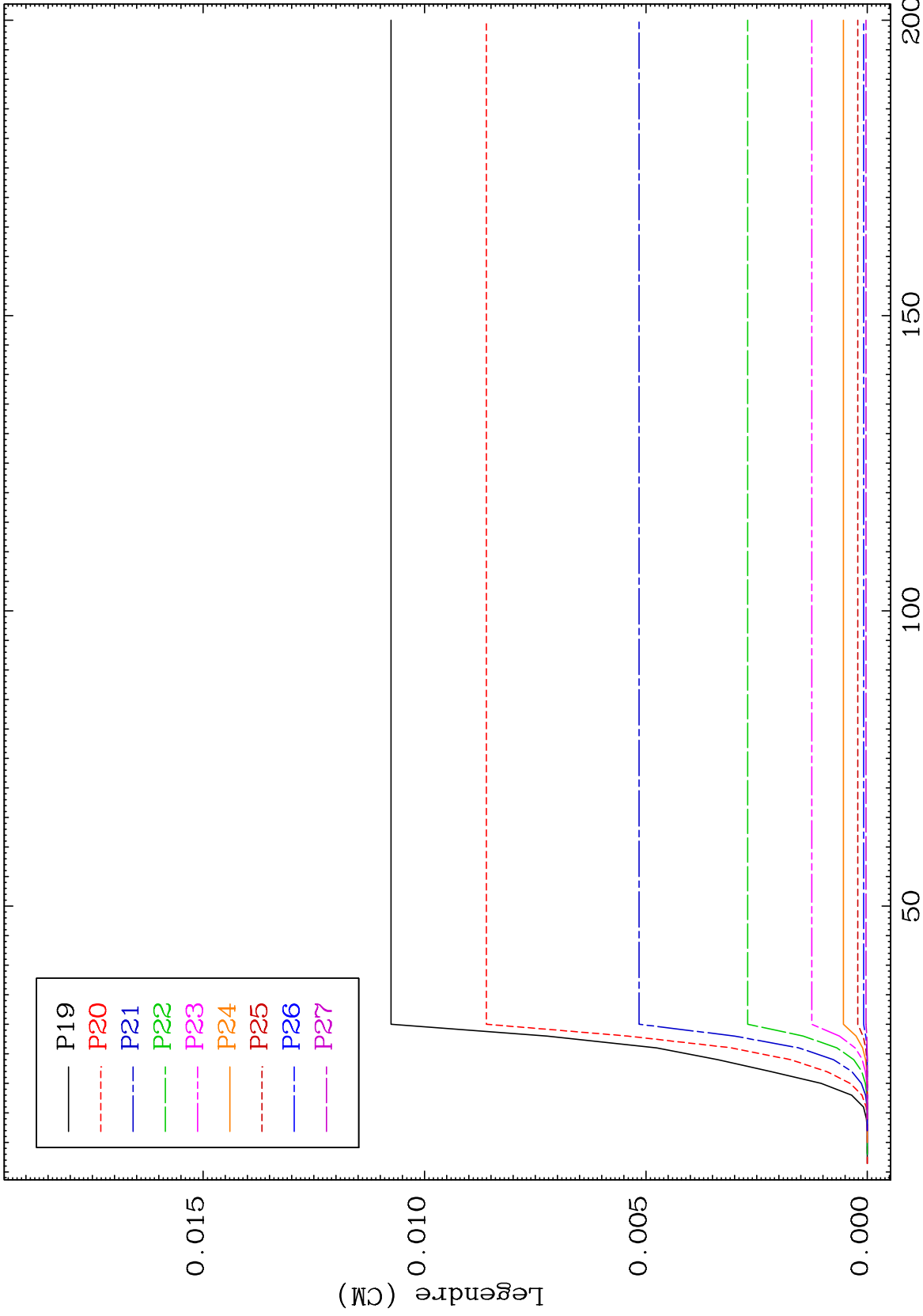
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



37

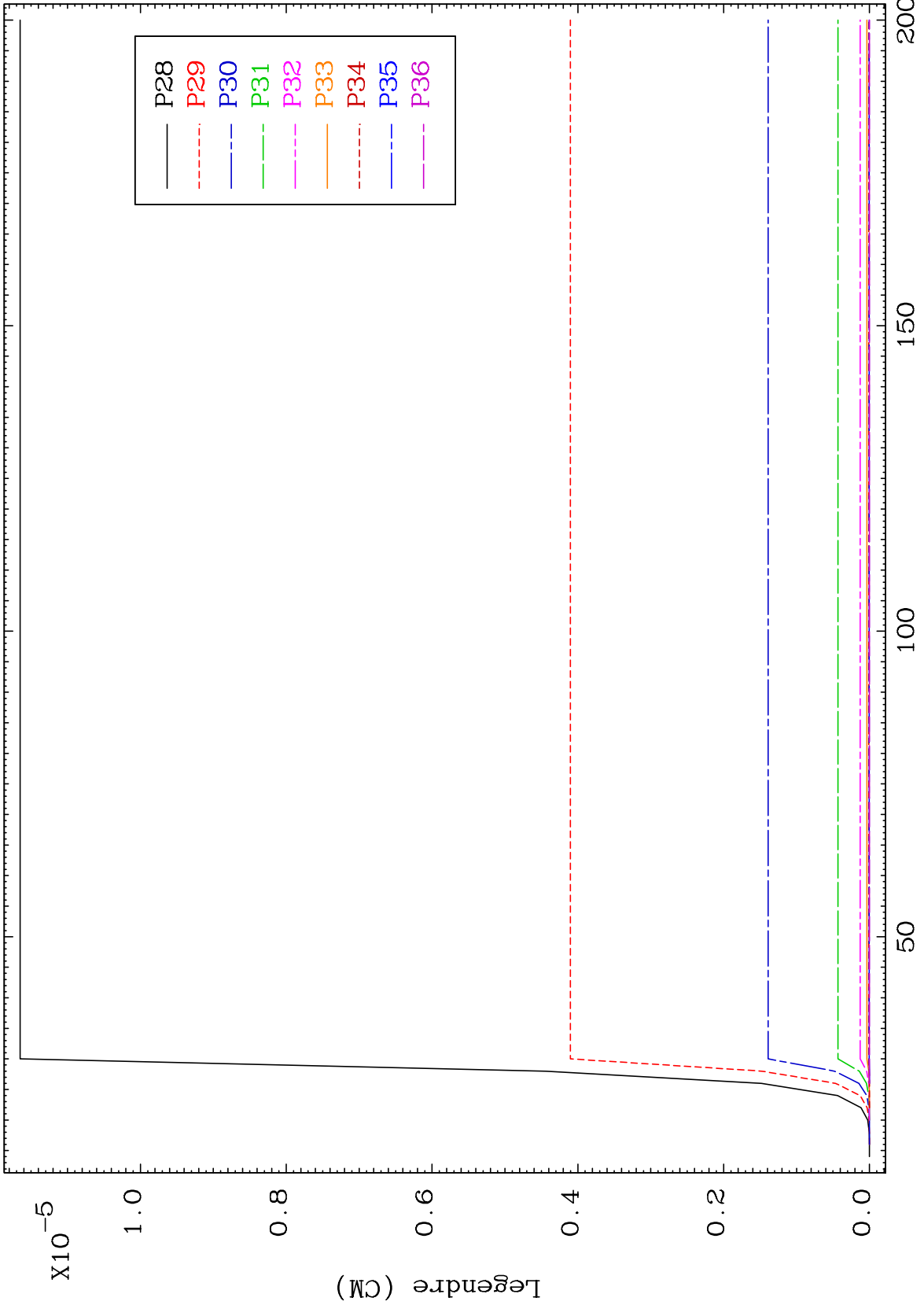
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



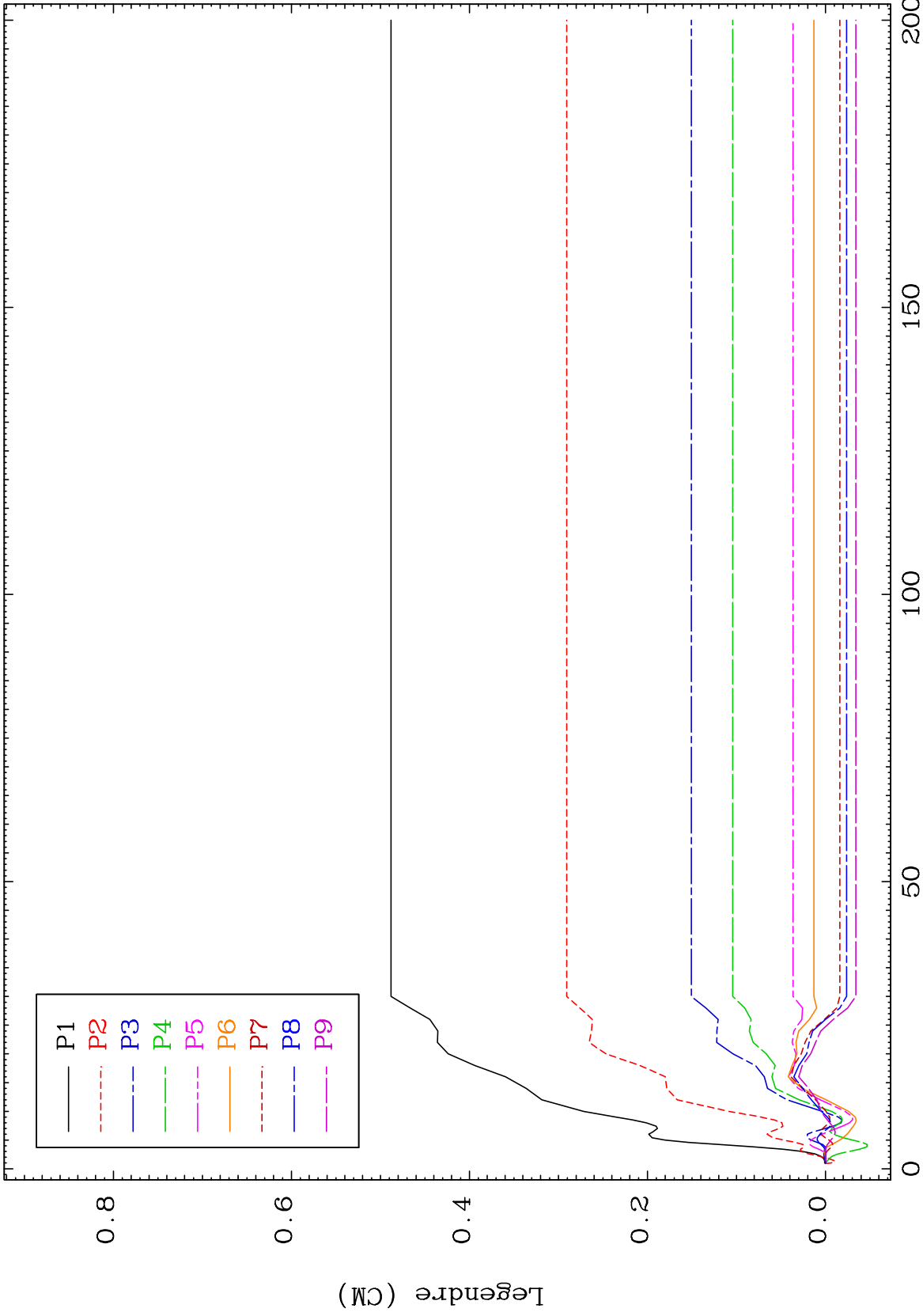
38

66-Dy-156

MAT 6625

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

66-Dy-156



39

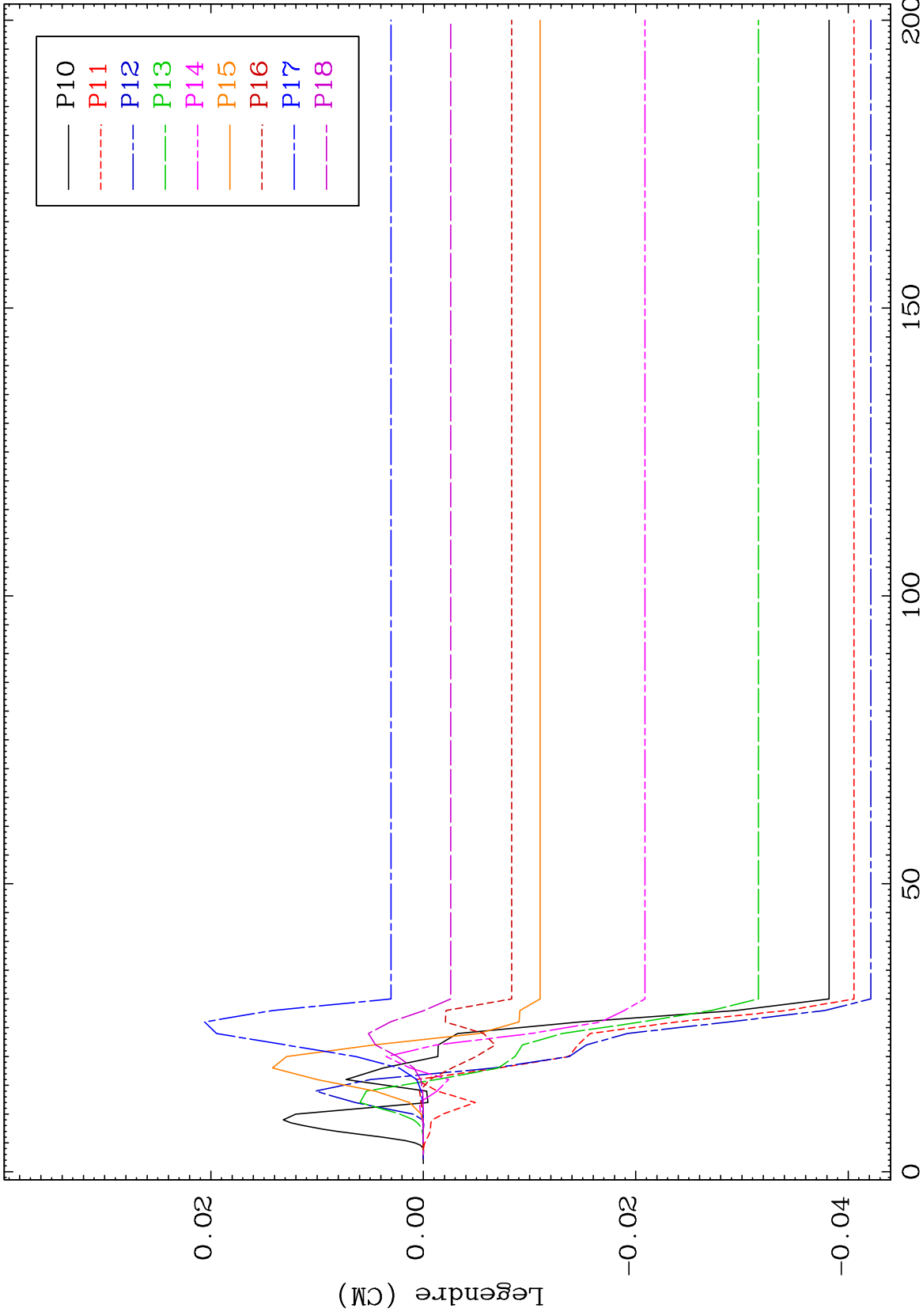
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



40

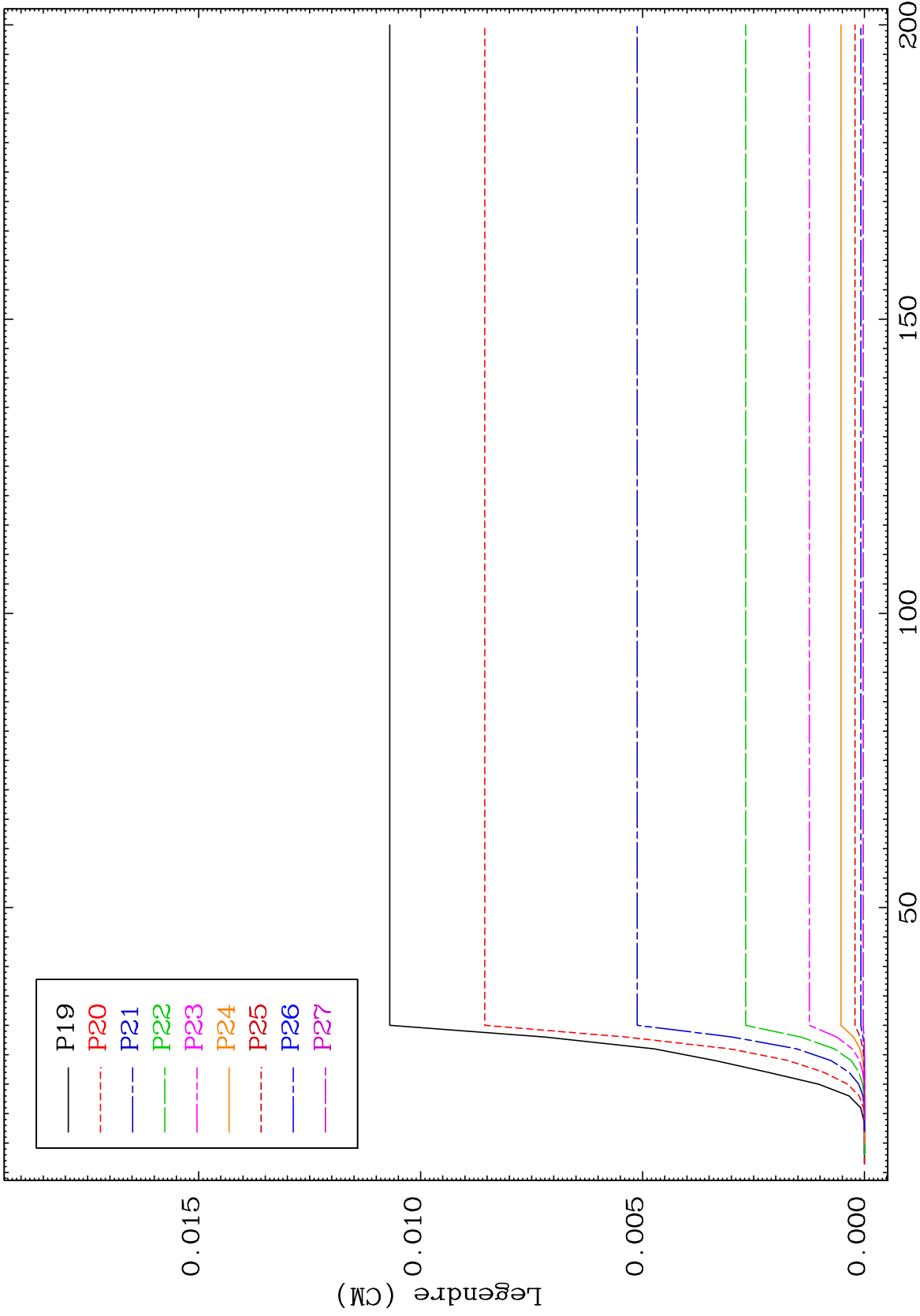
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

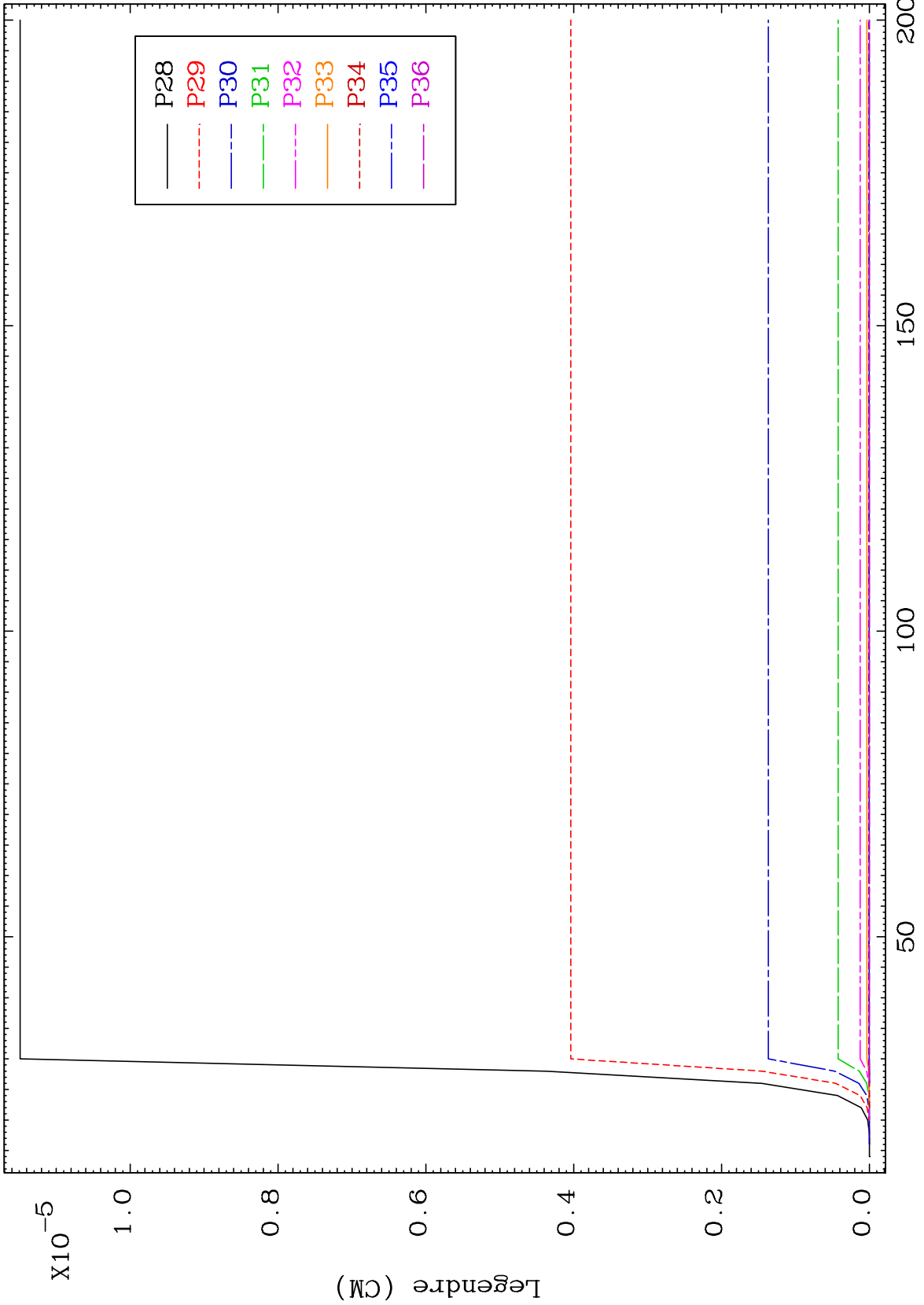
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MAT 6625

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

66-Dy-156



42

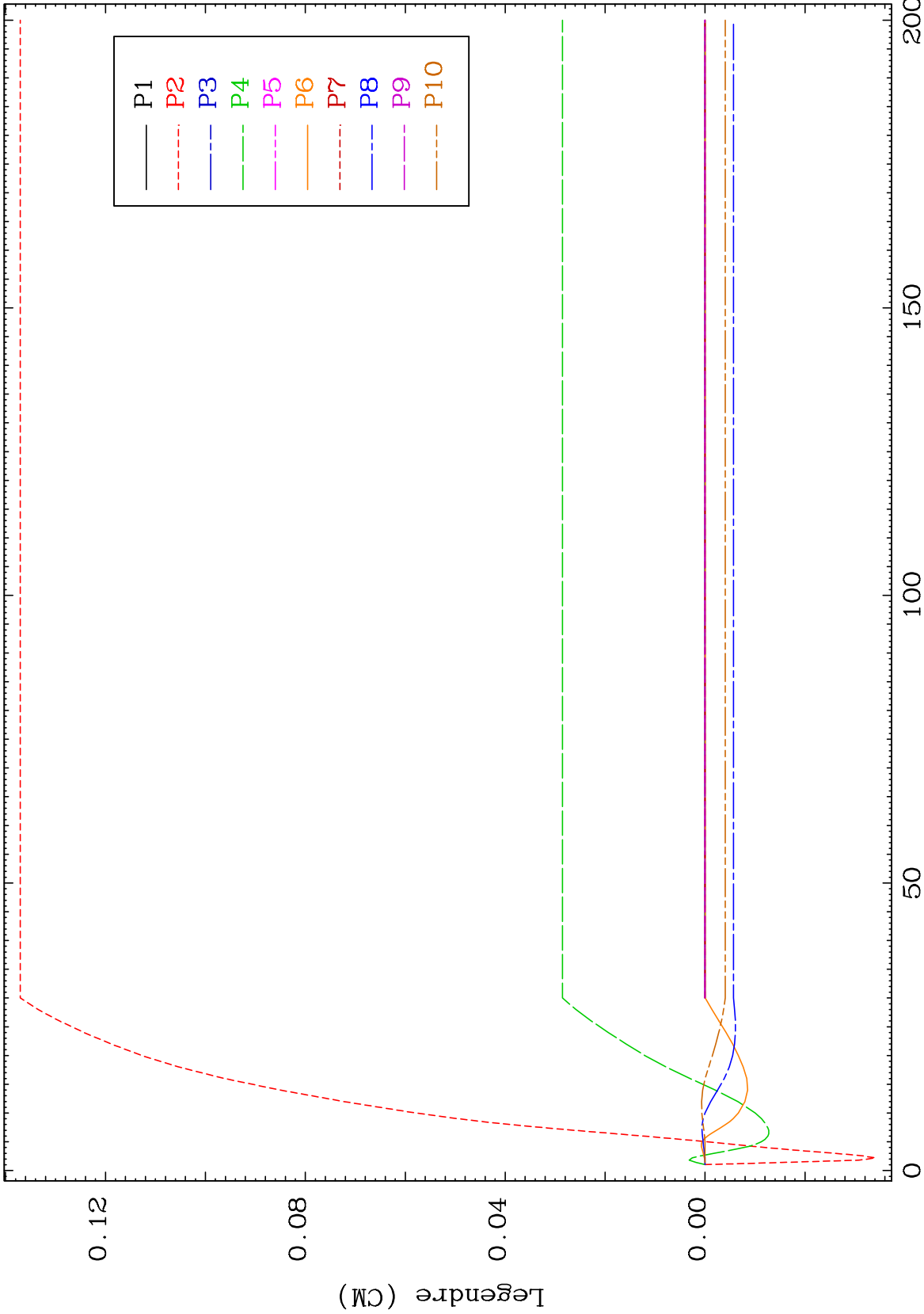
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



43

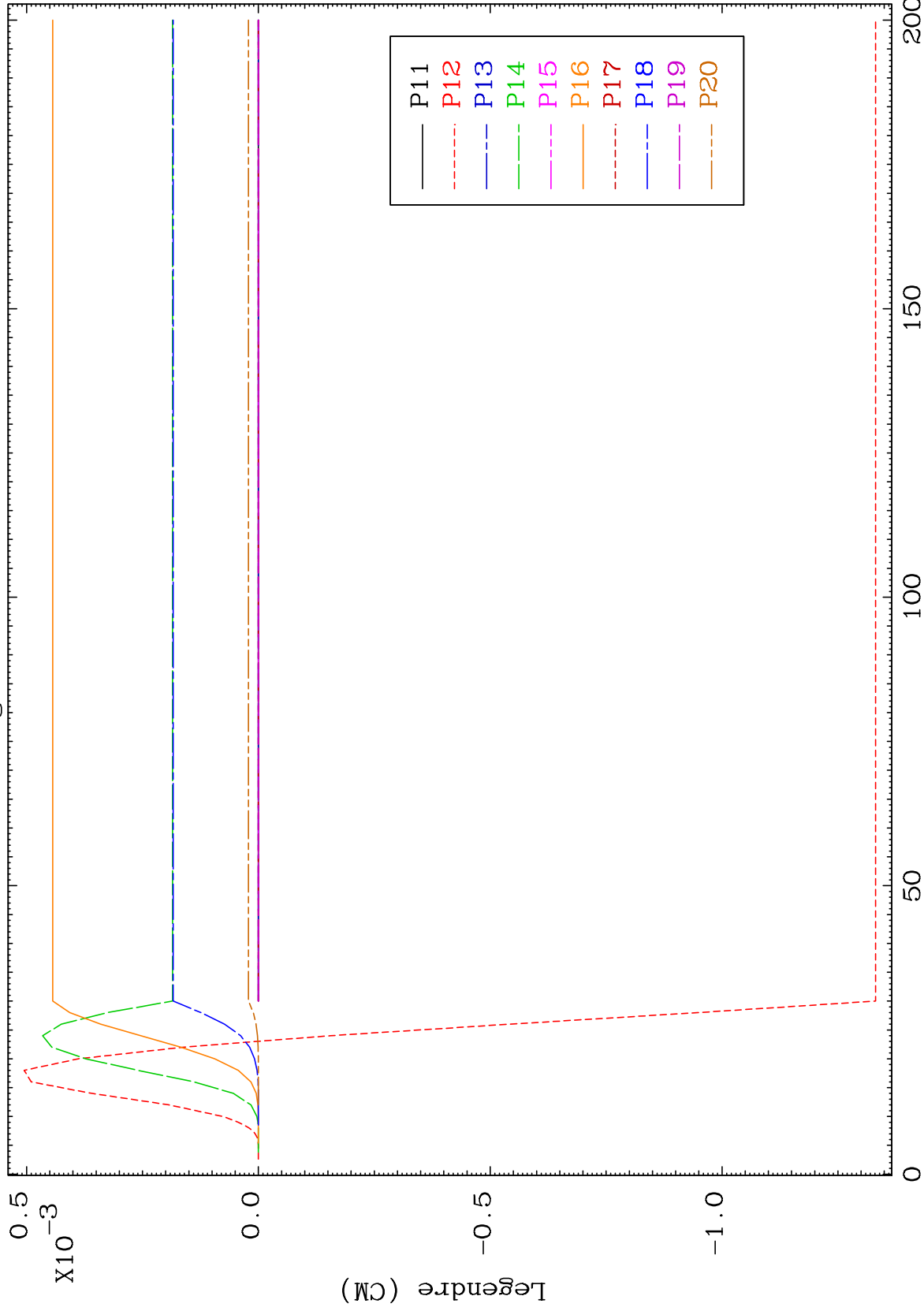
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



44

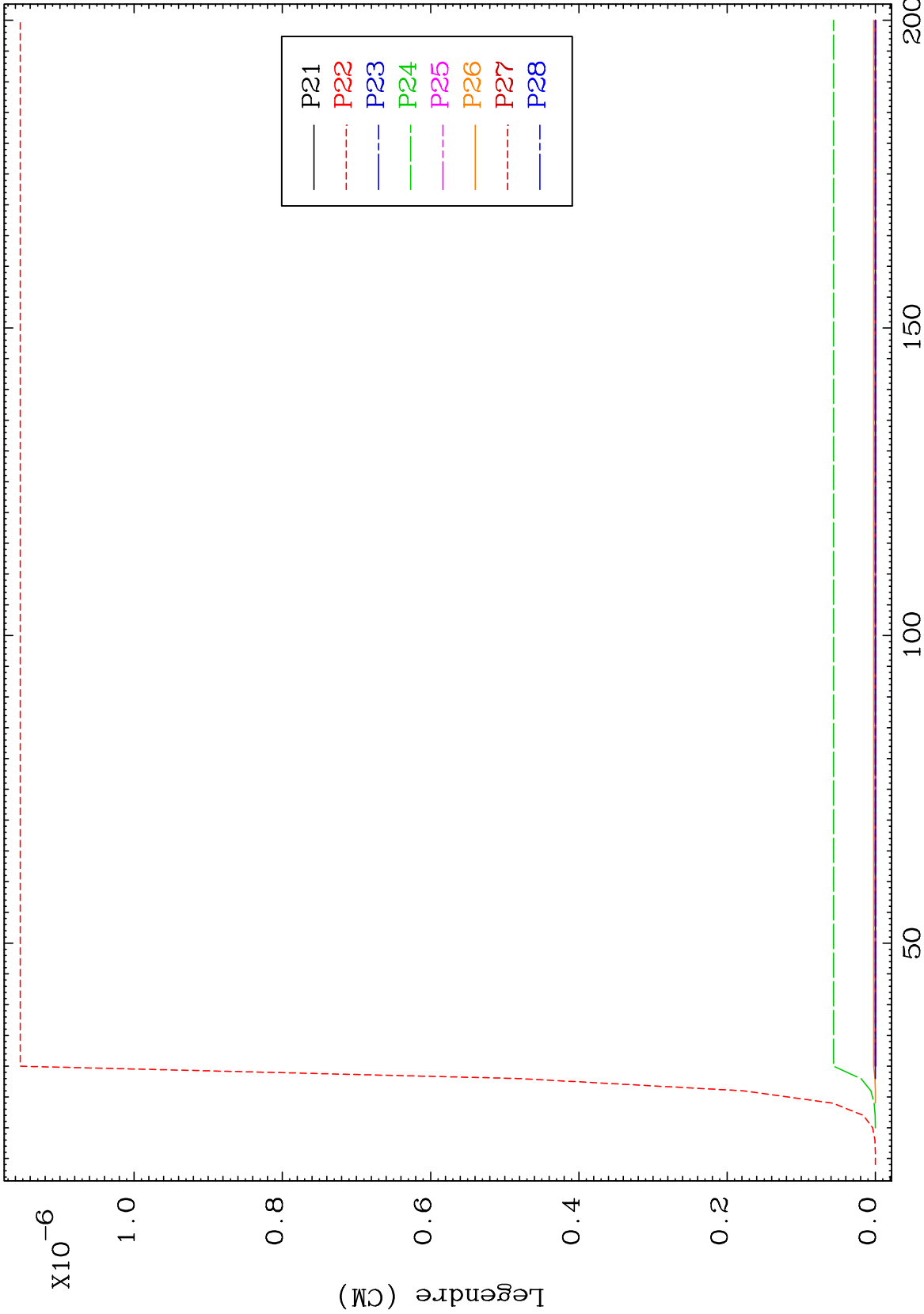
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



45

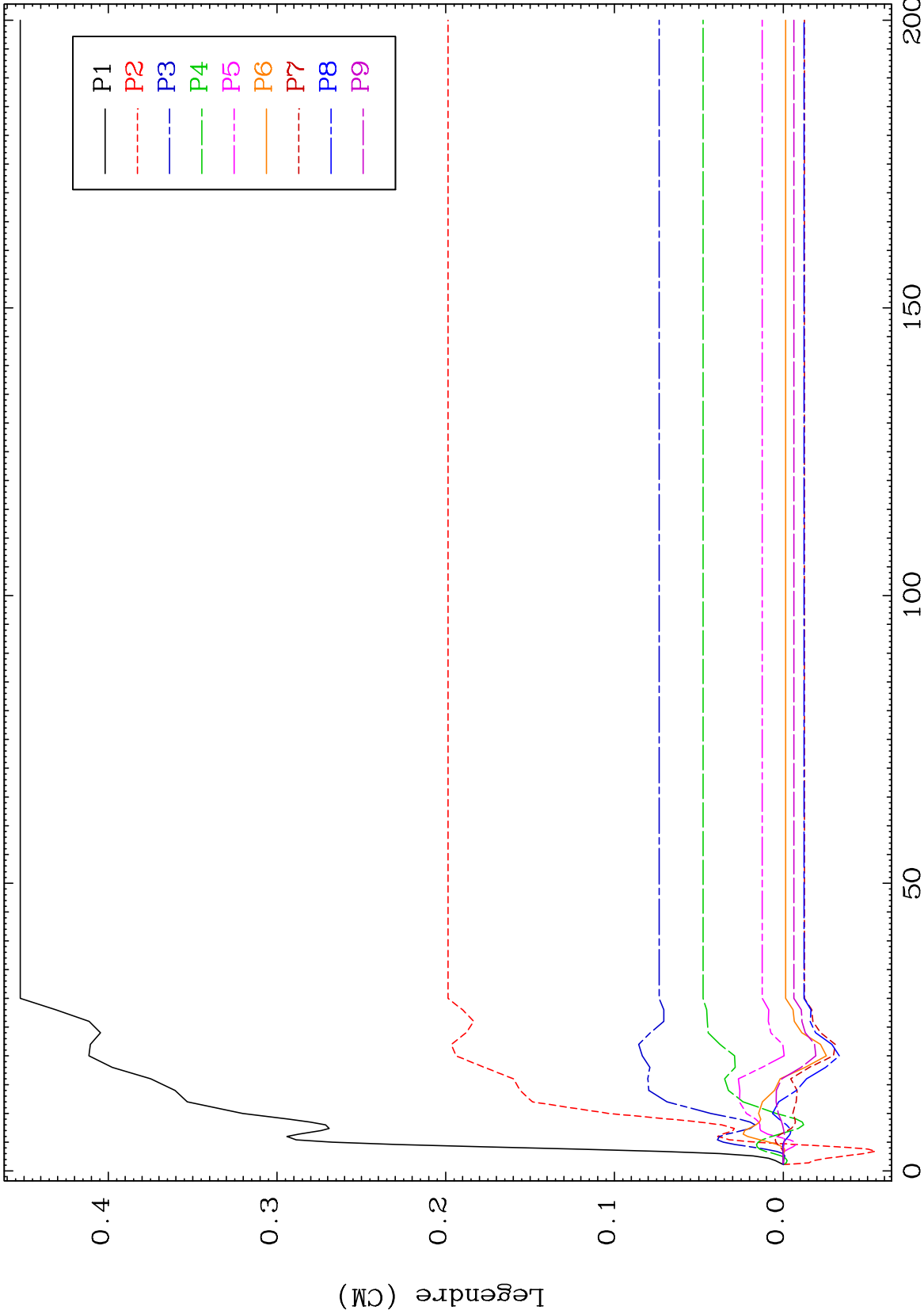
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156

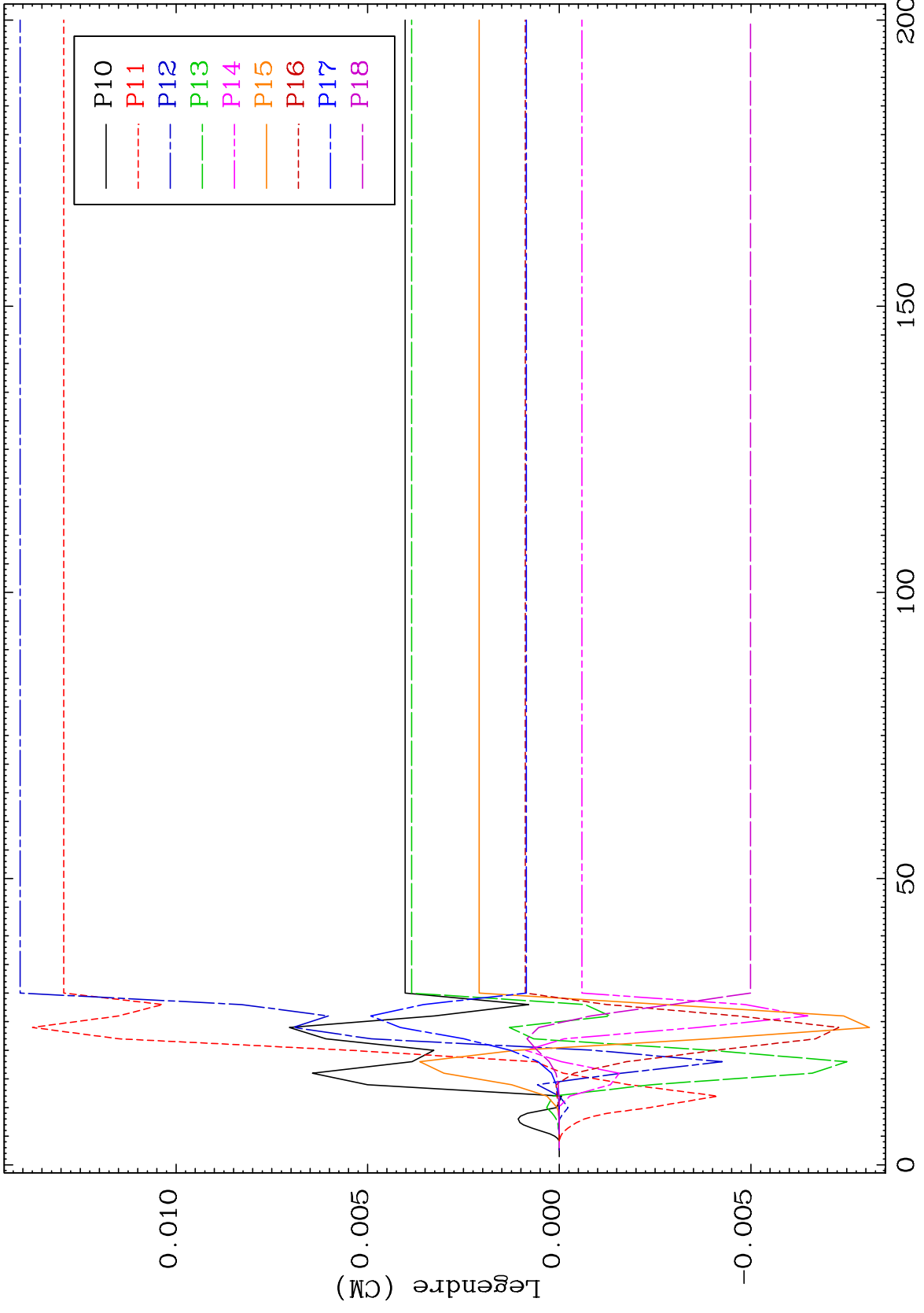


46

Incident Energy (MeV)

66-Dy-156

MAT 6625 MT= 58 (n,n') Level Legendre Coefficients 66-Dy-156

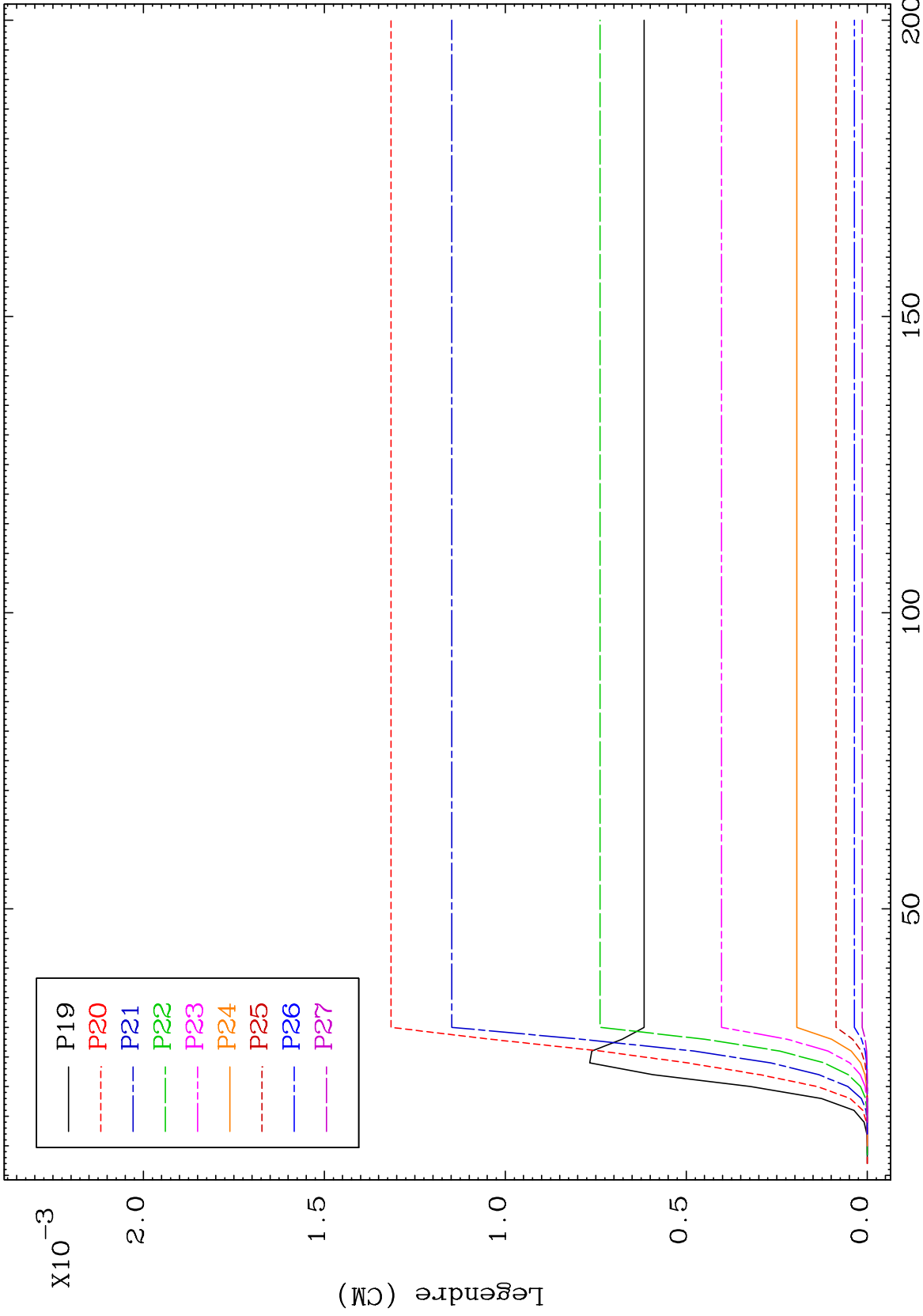


47 66-Dy-156

MAT 6625

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

66-Dy-156



48

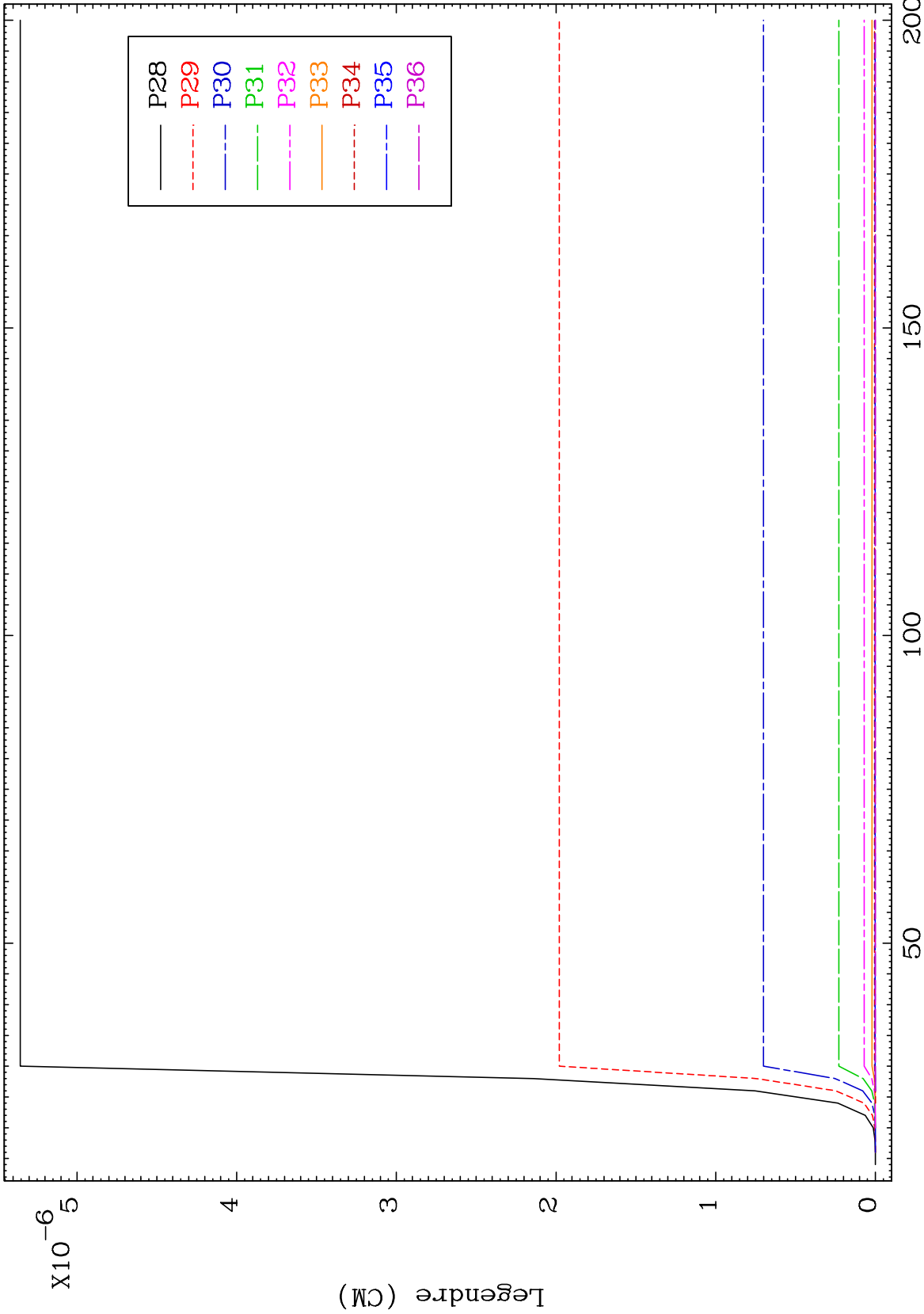
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



49

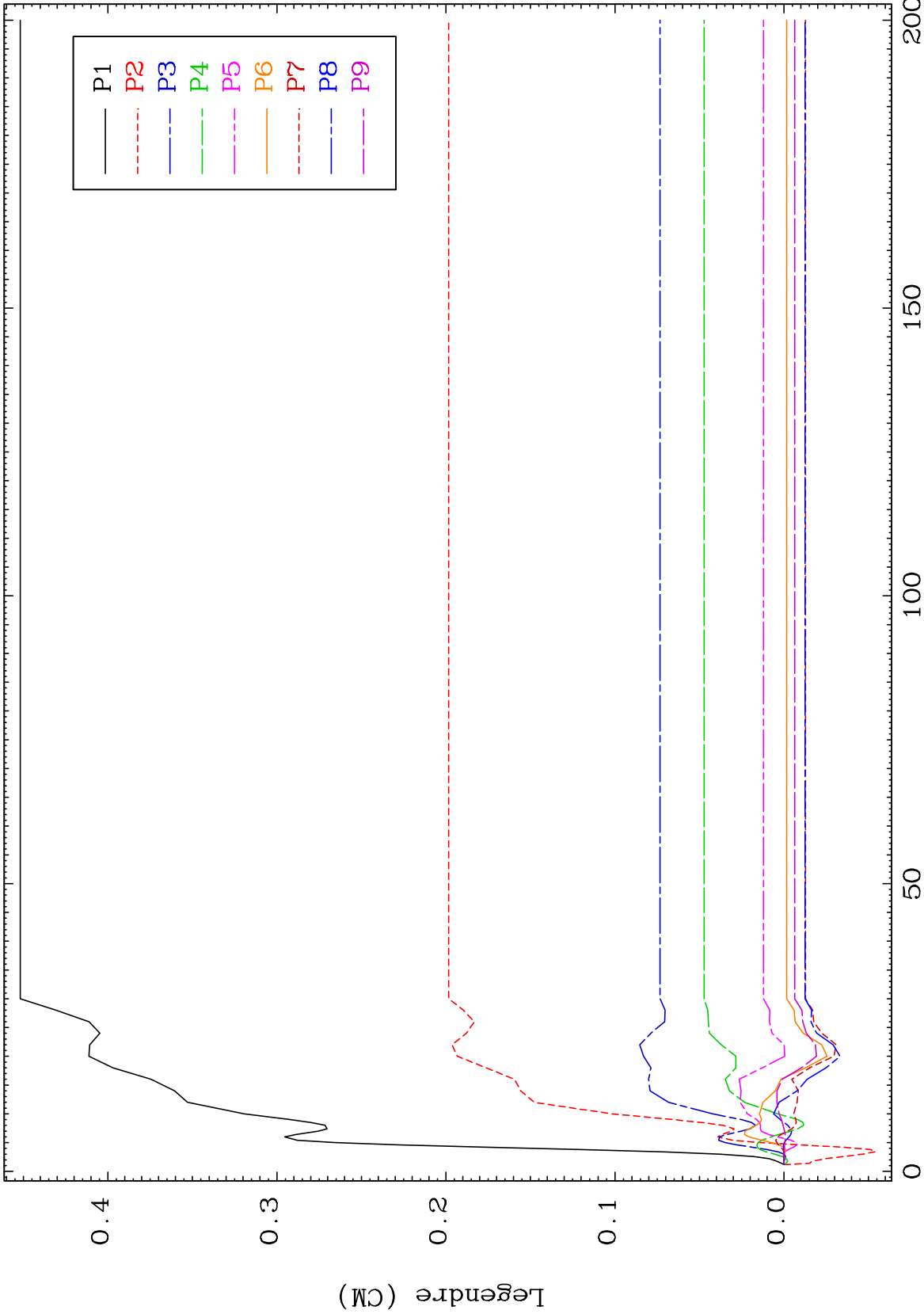
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

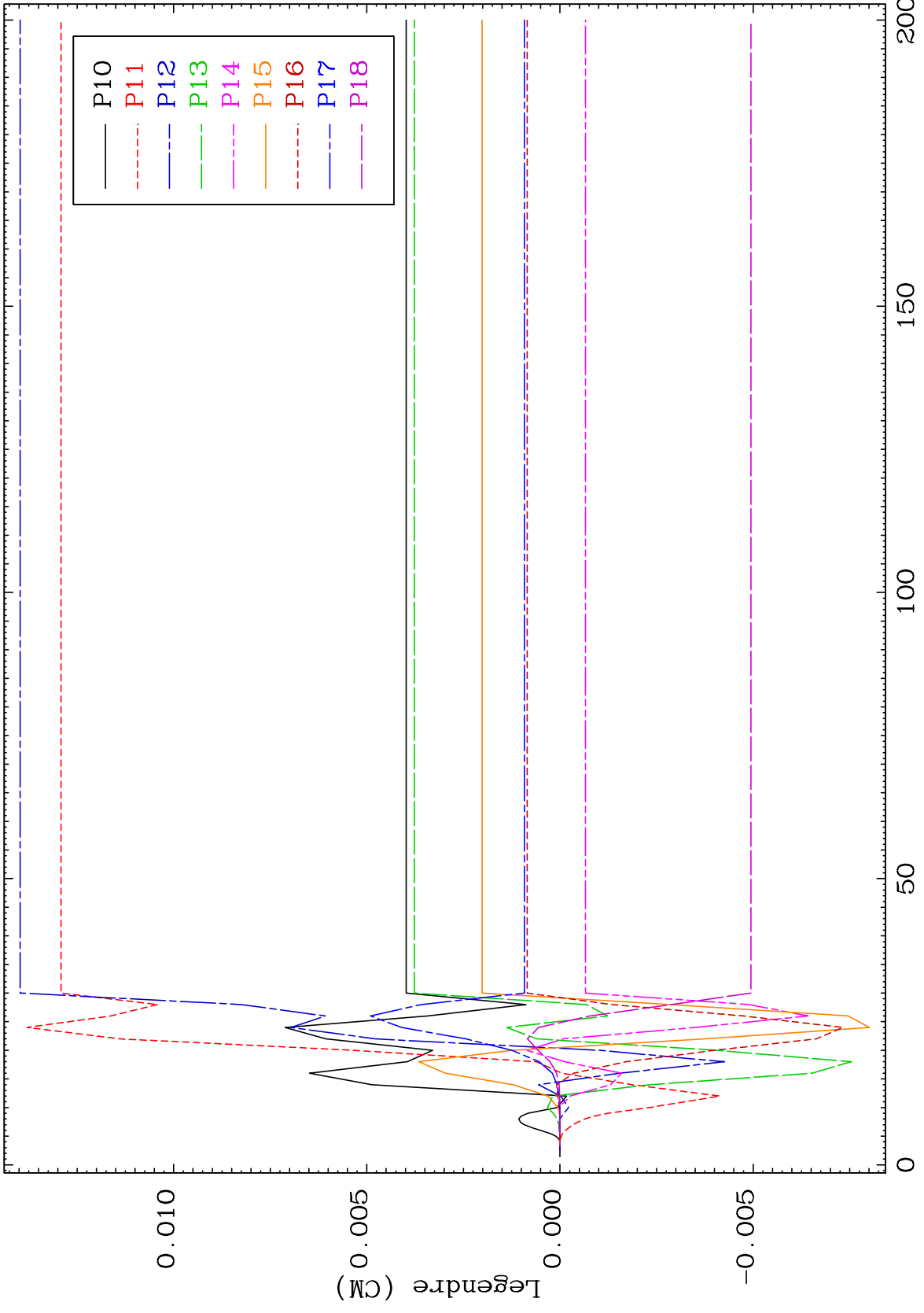
66-Dy-156



66-Dy-156

Incident Energy (MeV)

MAT 6625 MT= 59 (n, n') Level Legendre Coefficients 66-Dy-156

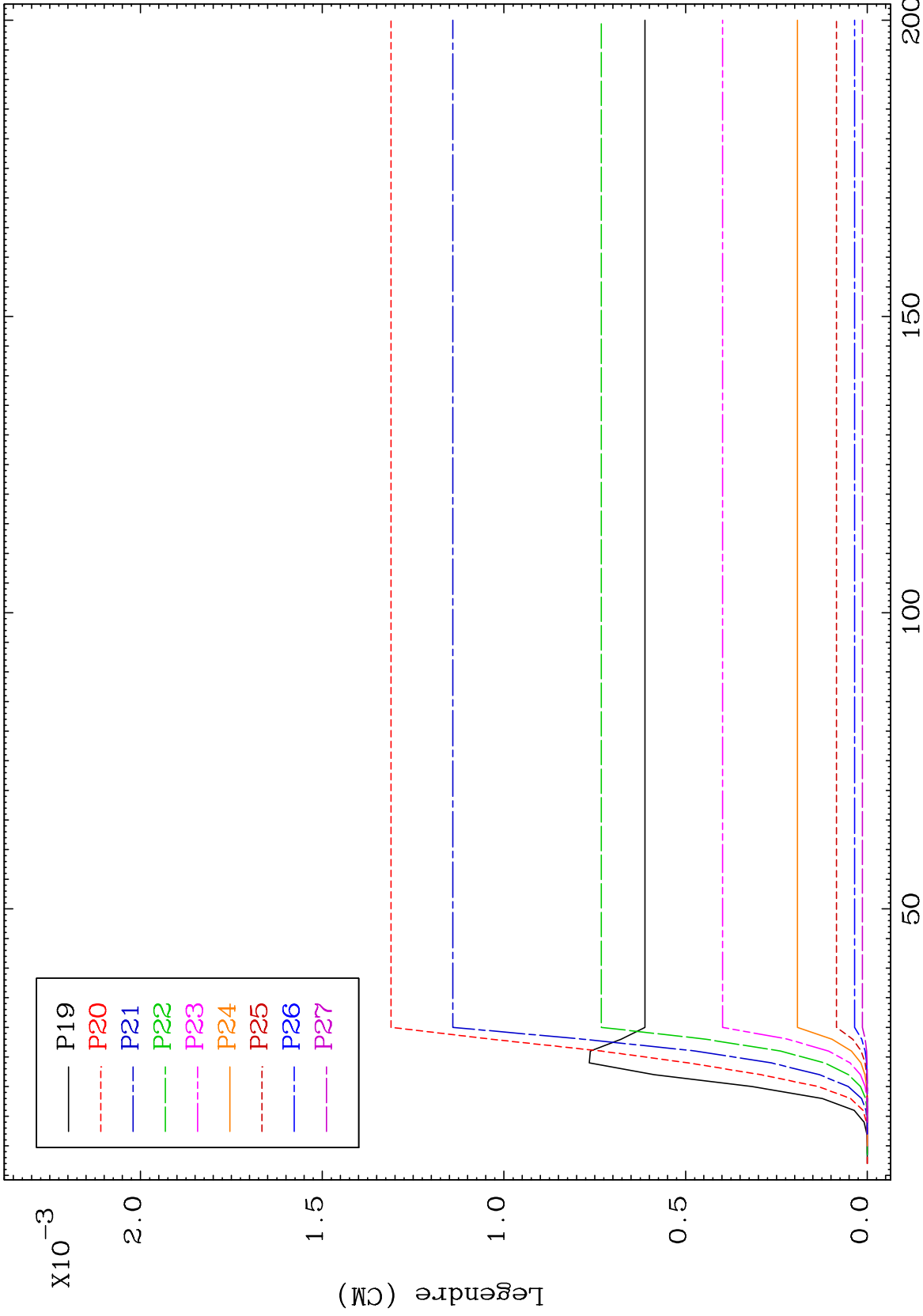


51 66-Dy-156

MAT 6625

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

66-Dy-156



52

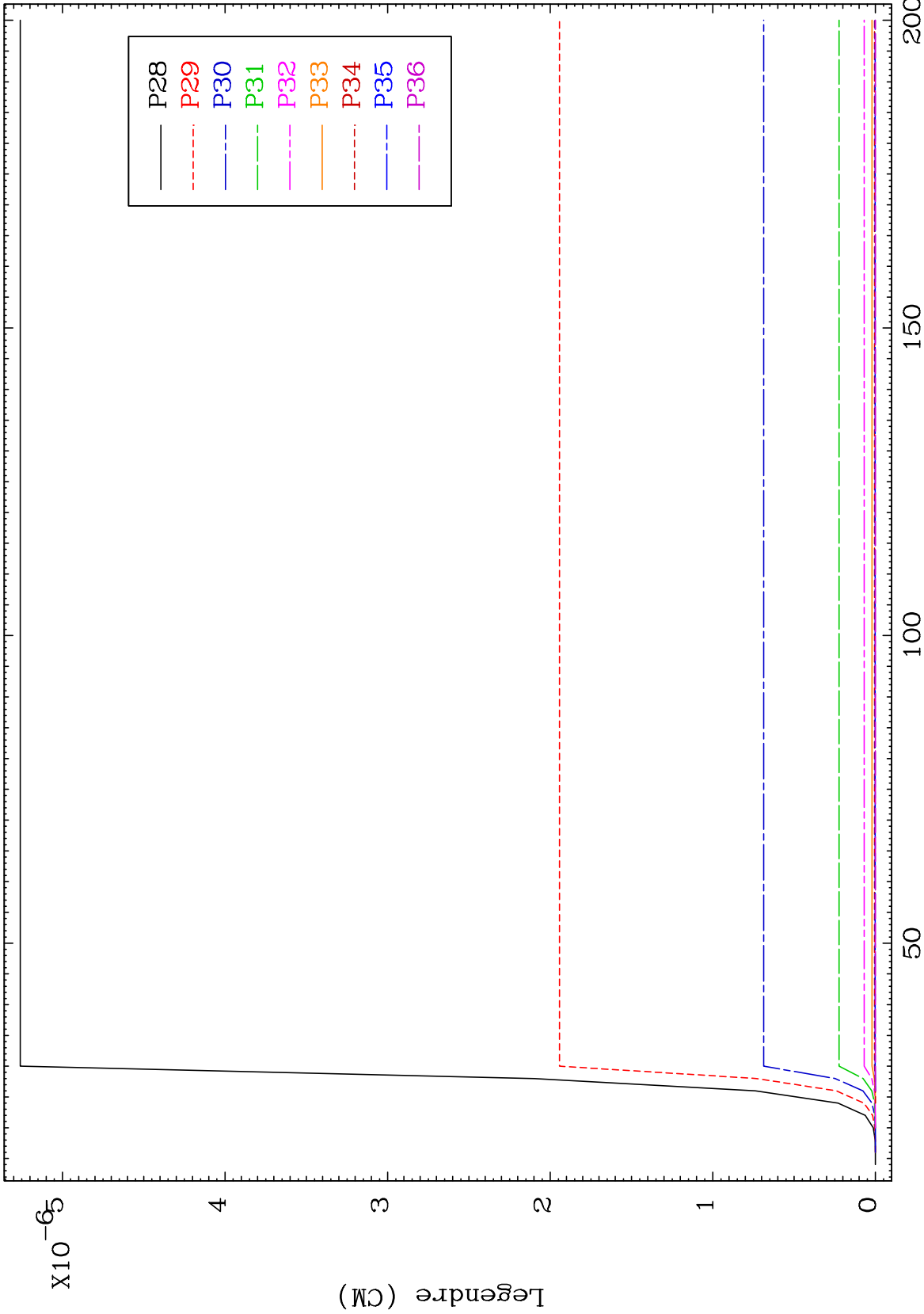
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



53

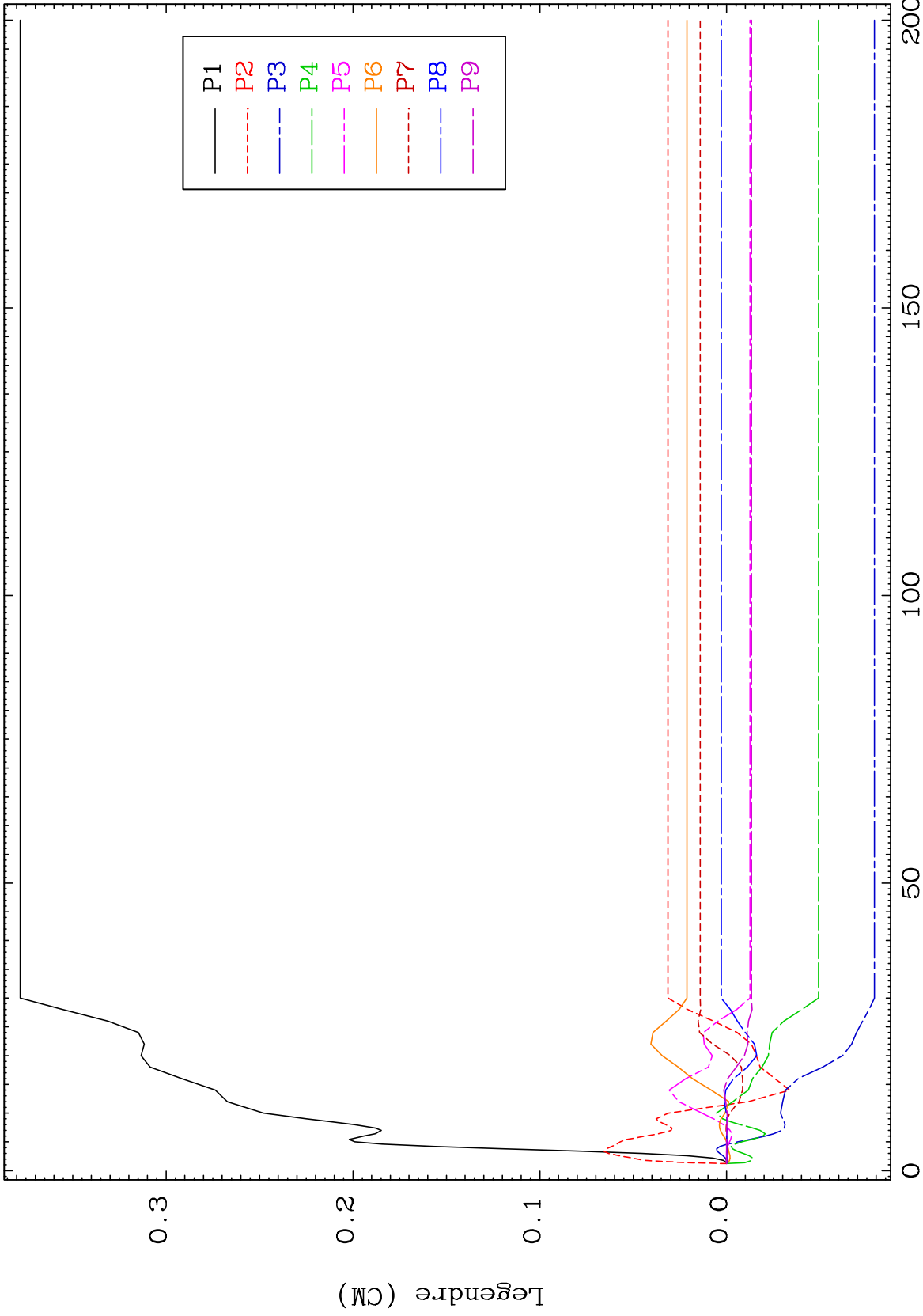
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



54

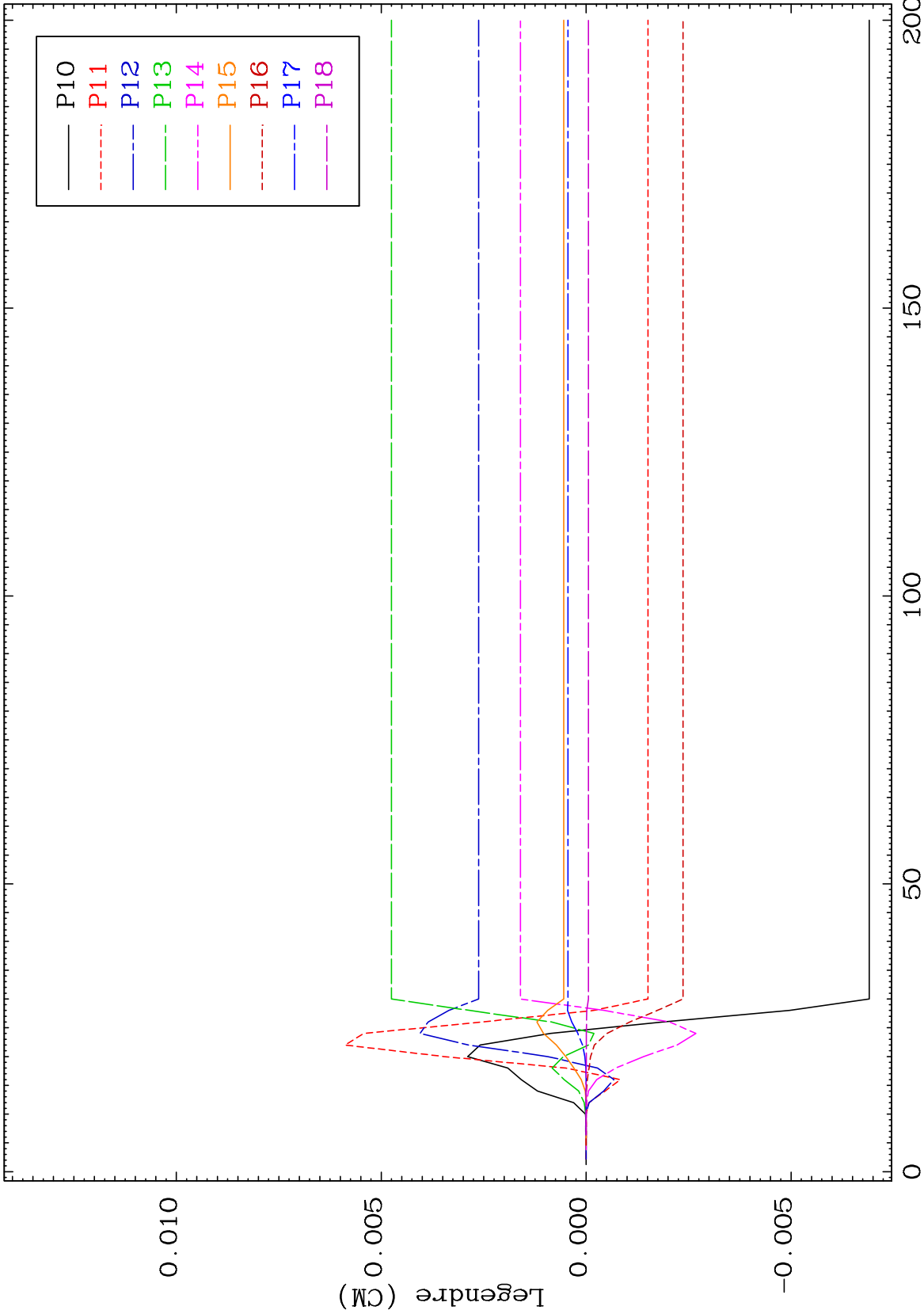
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



55

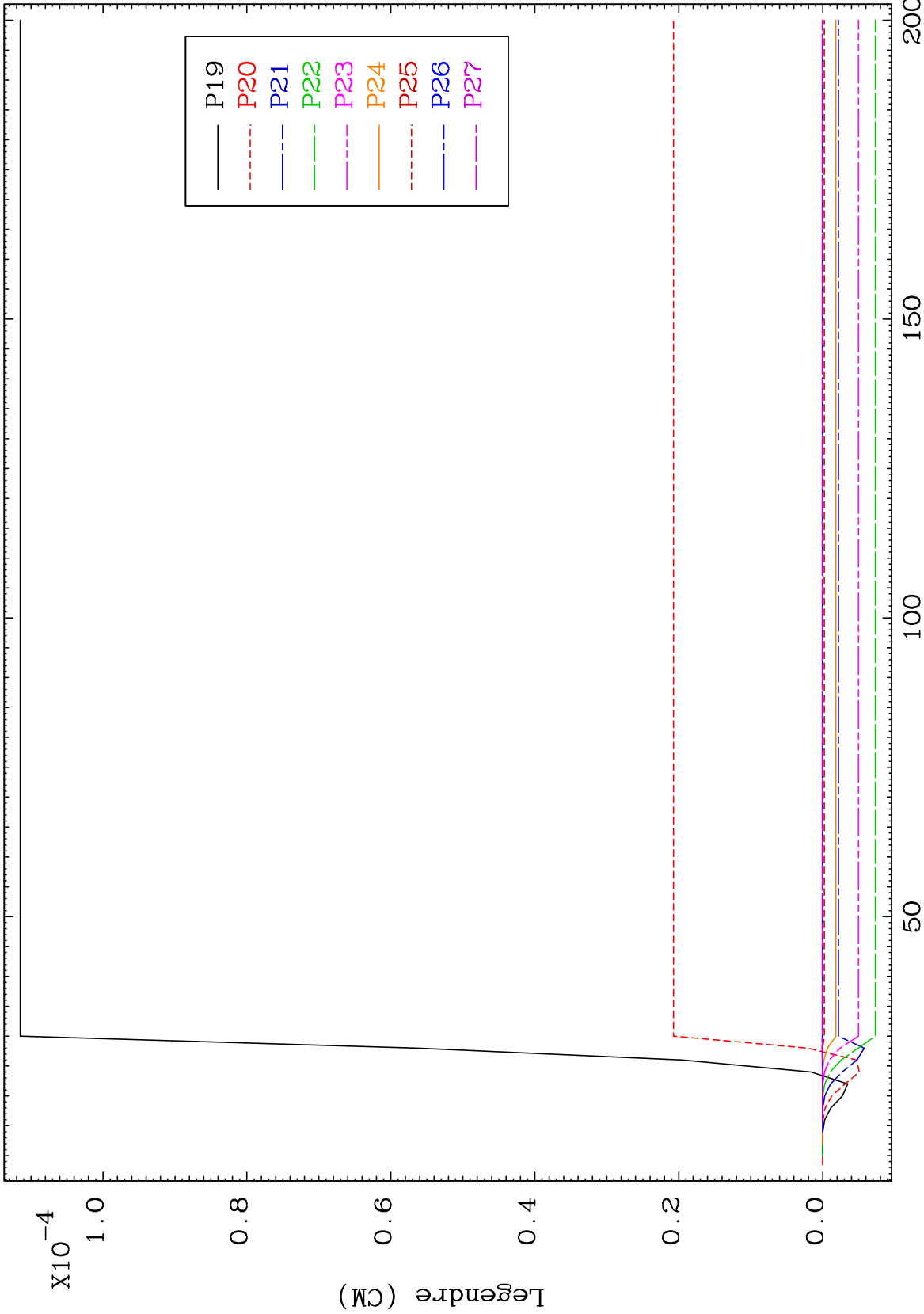
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



56

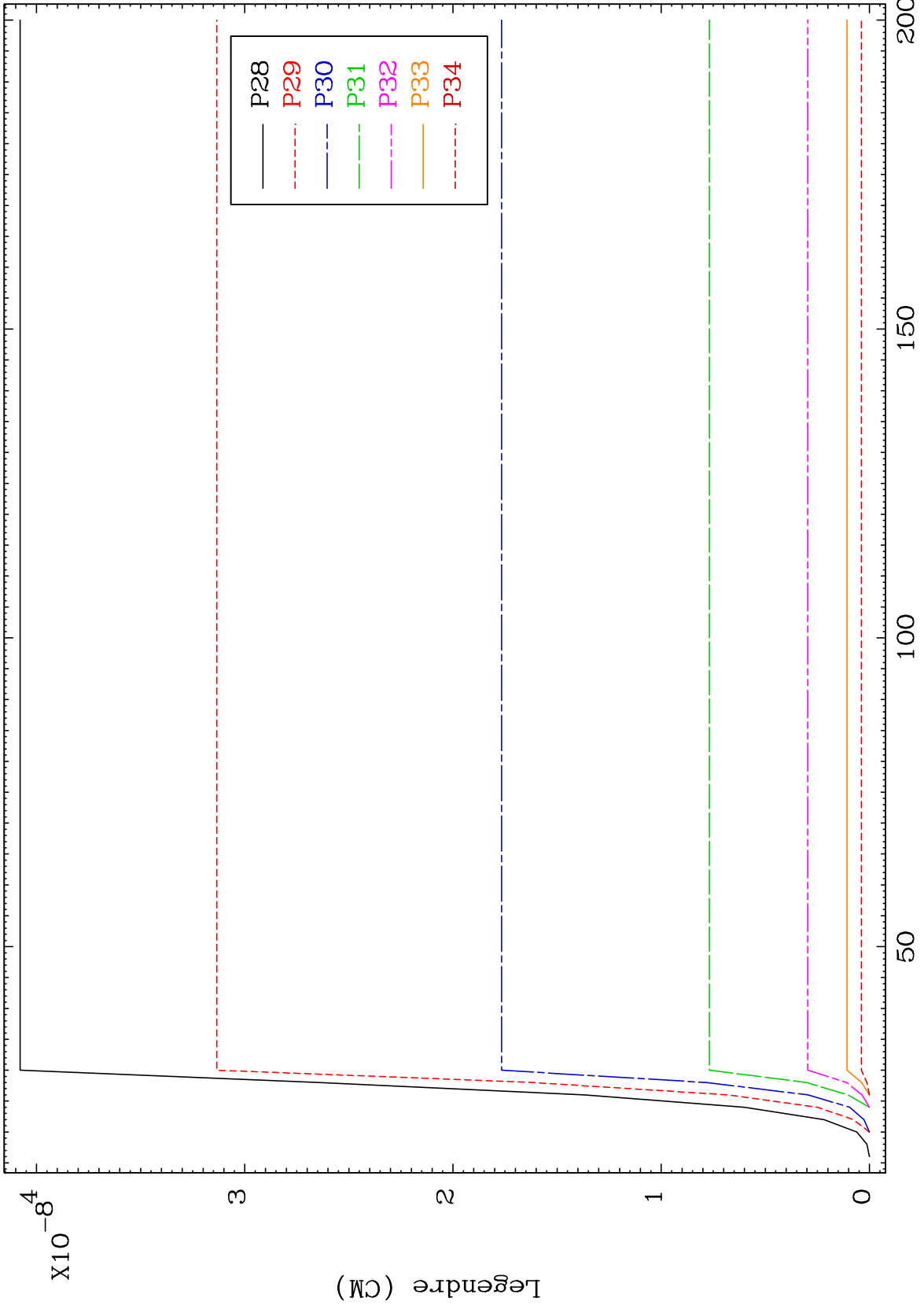
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



57

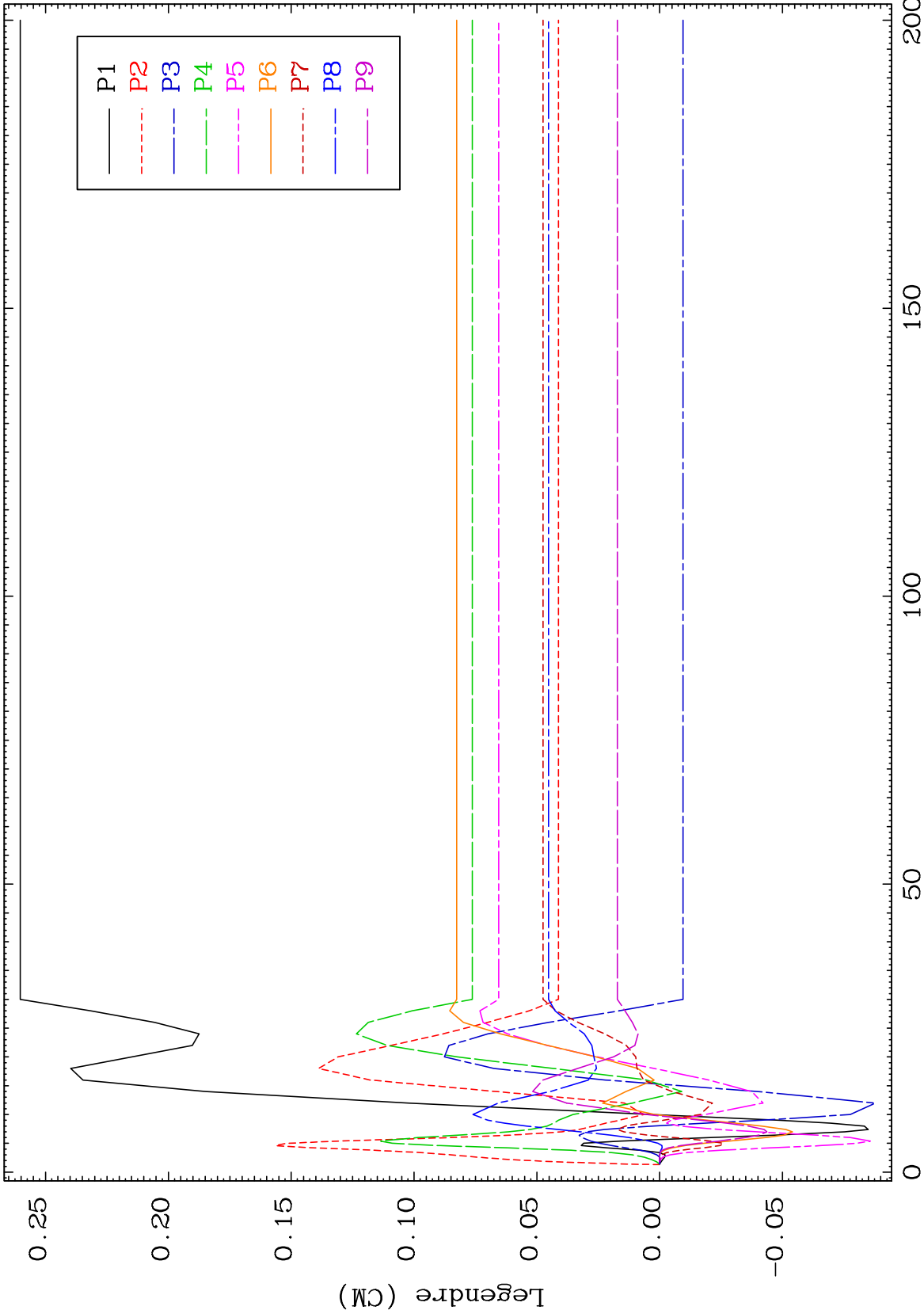
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



58

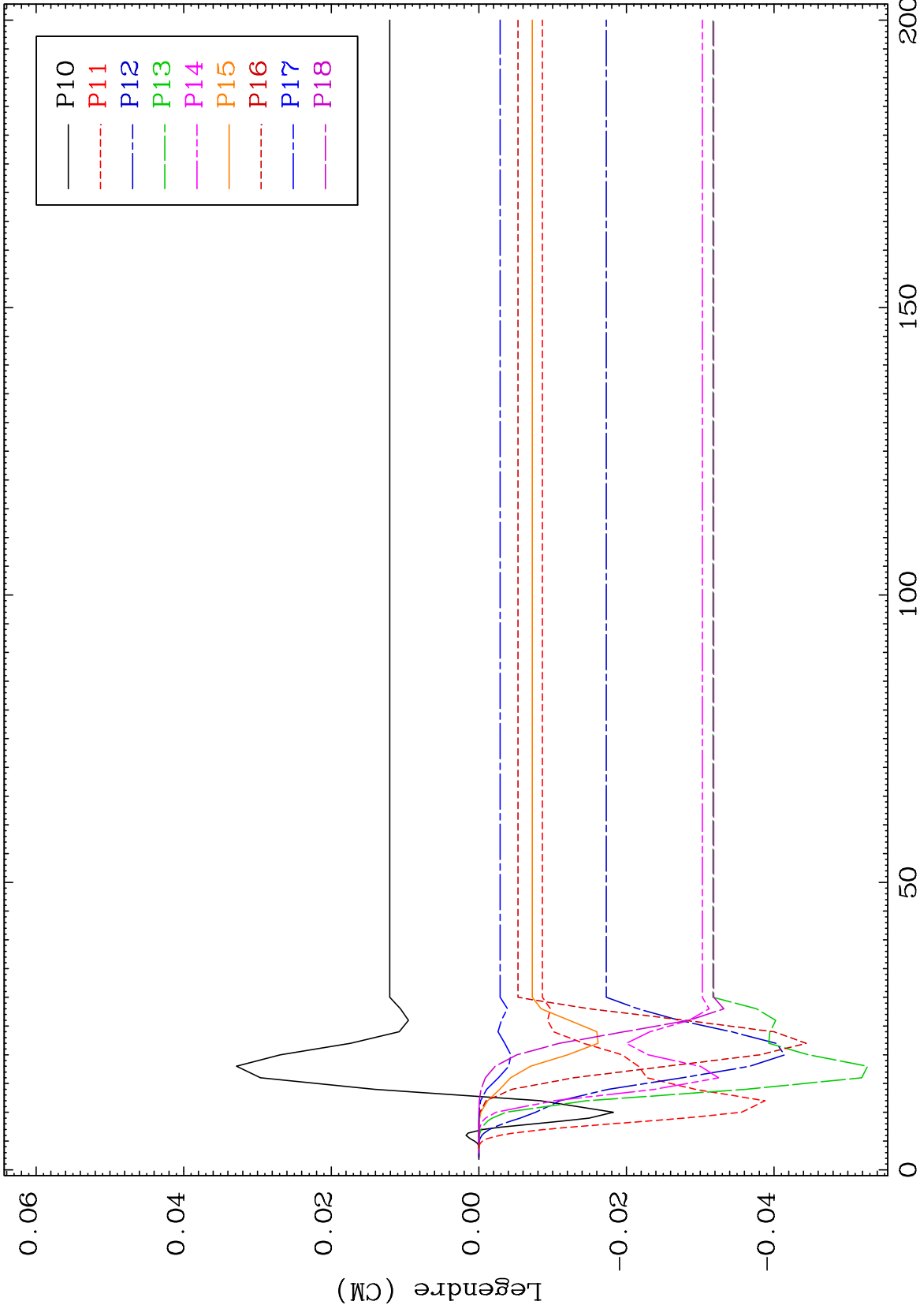
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



59

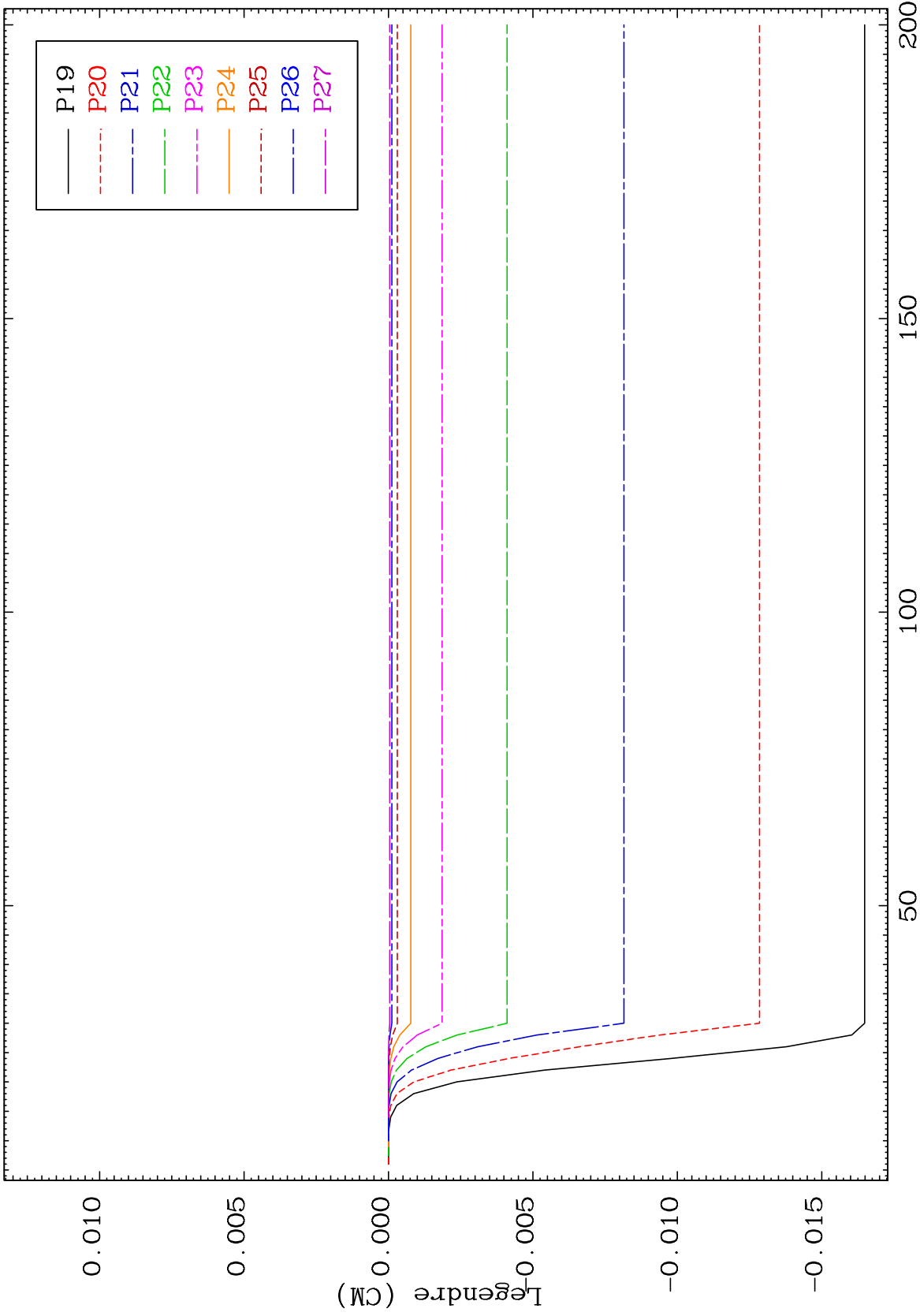
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



60

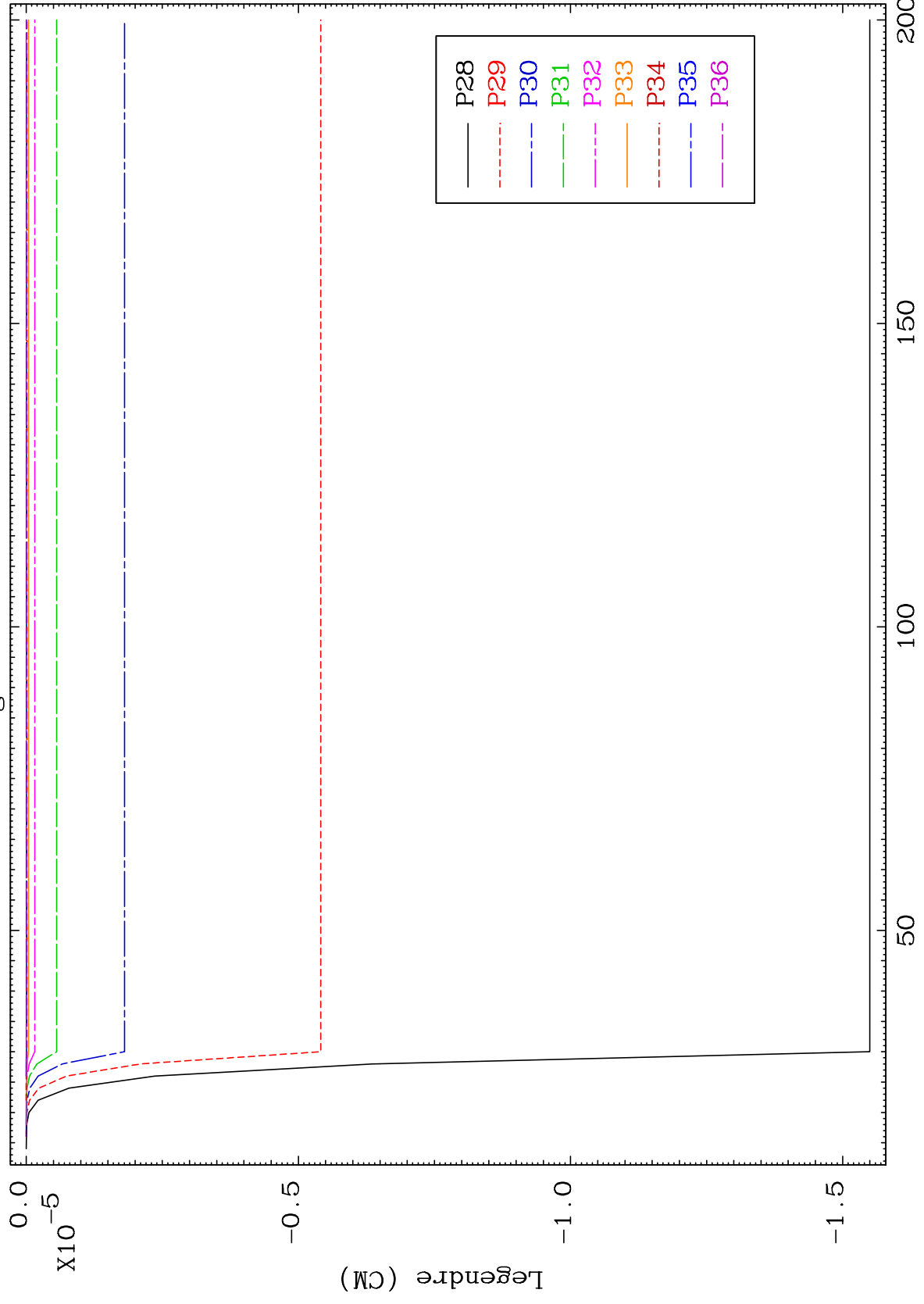
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



66-Dy-156

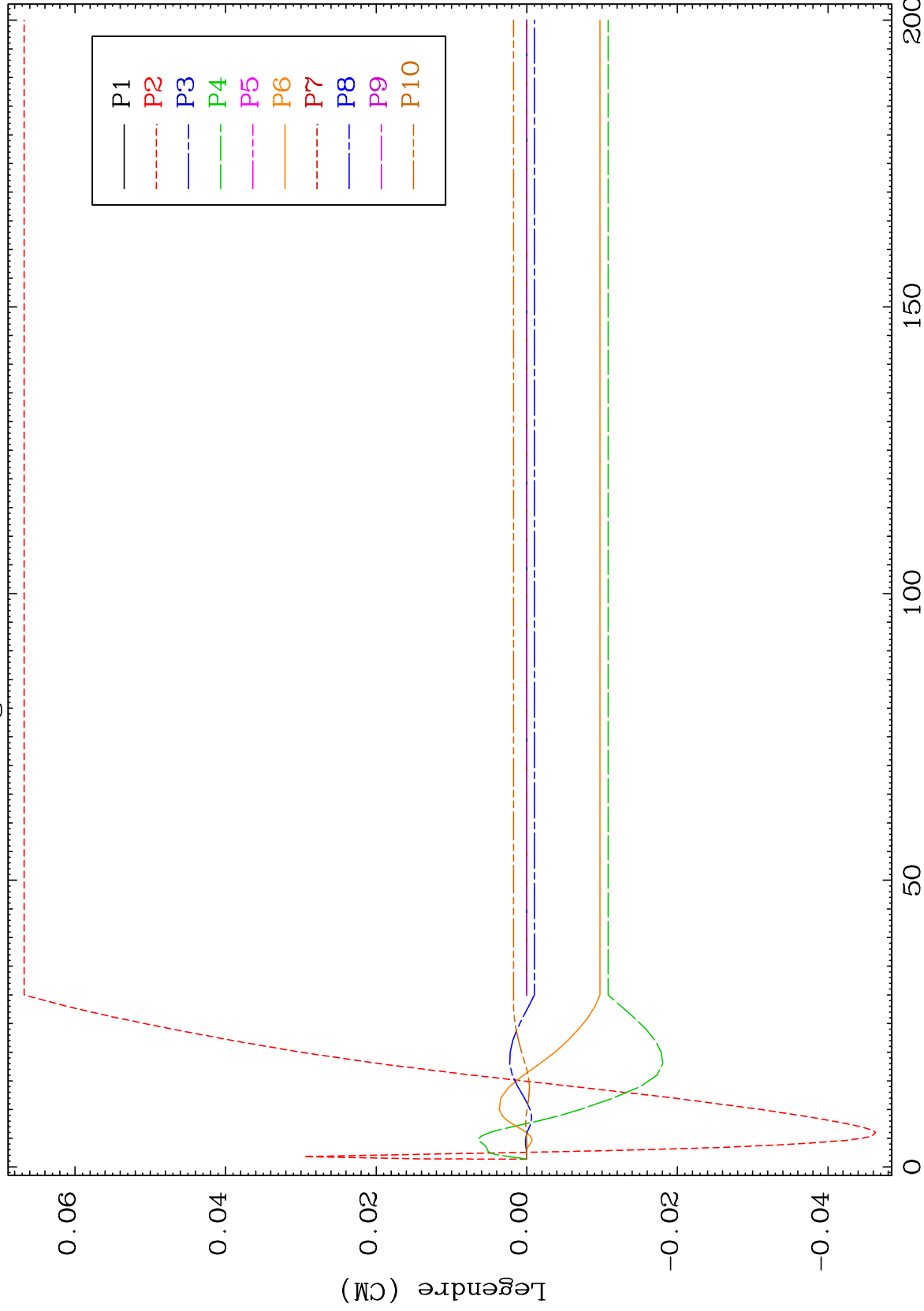
Incident Energy (MeV)

61

MAT 6625

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

66-Dy-156



62

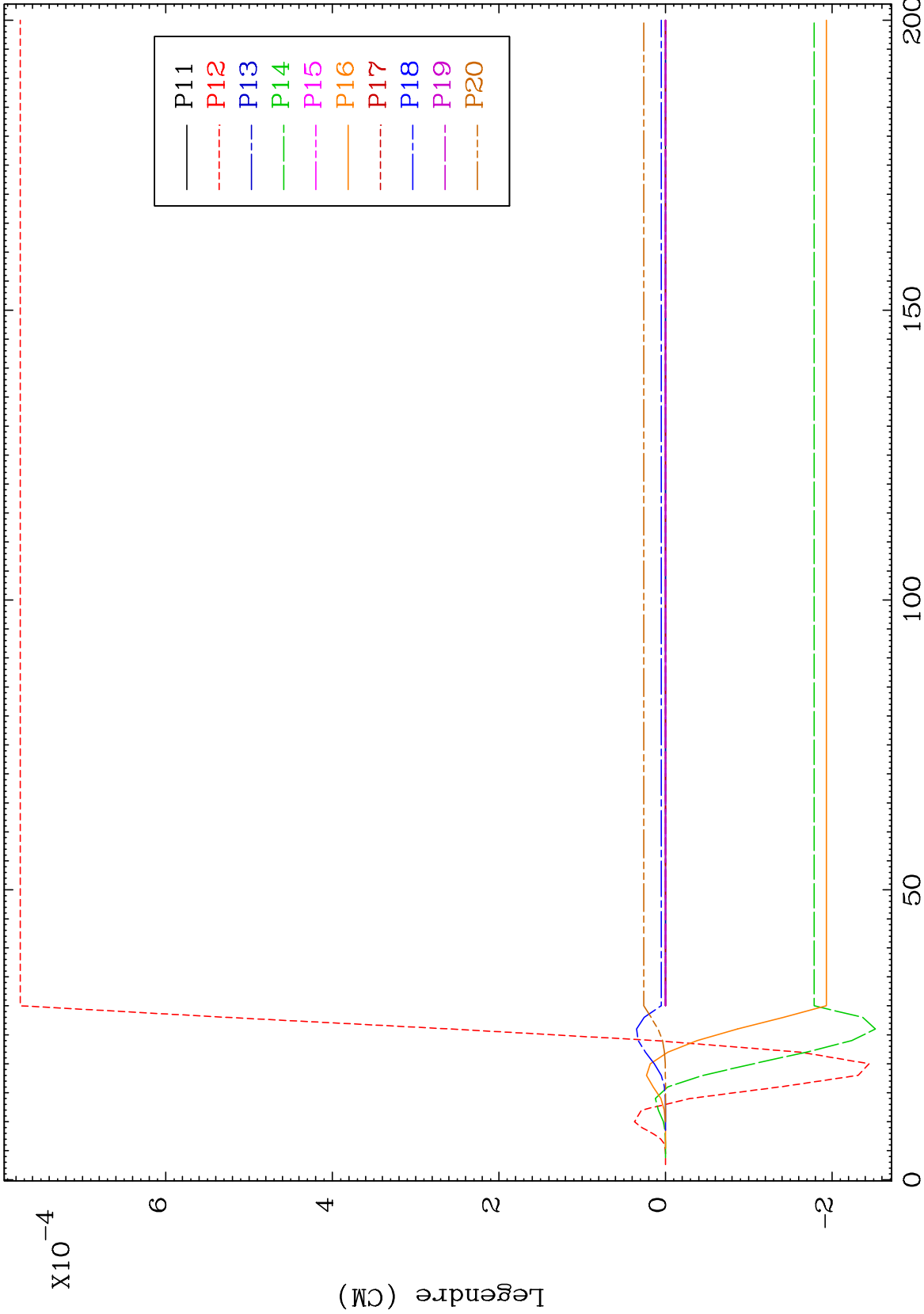
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



63

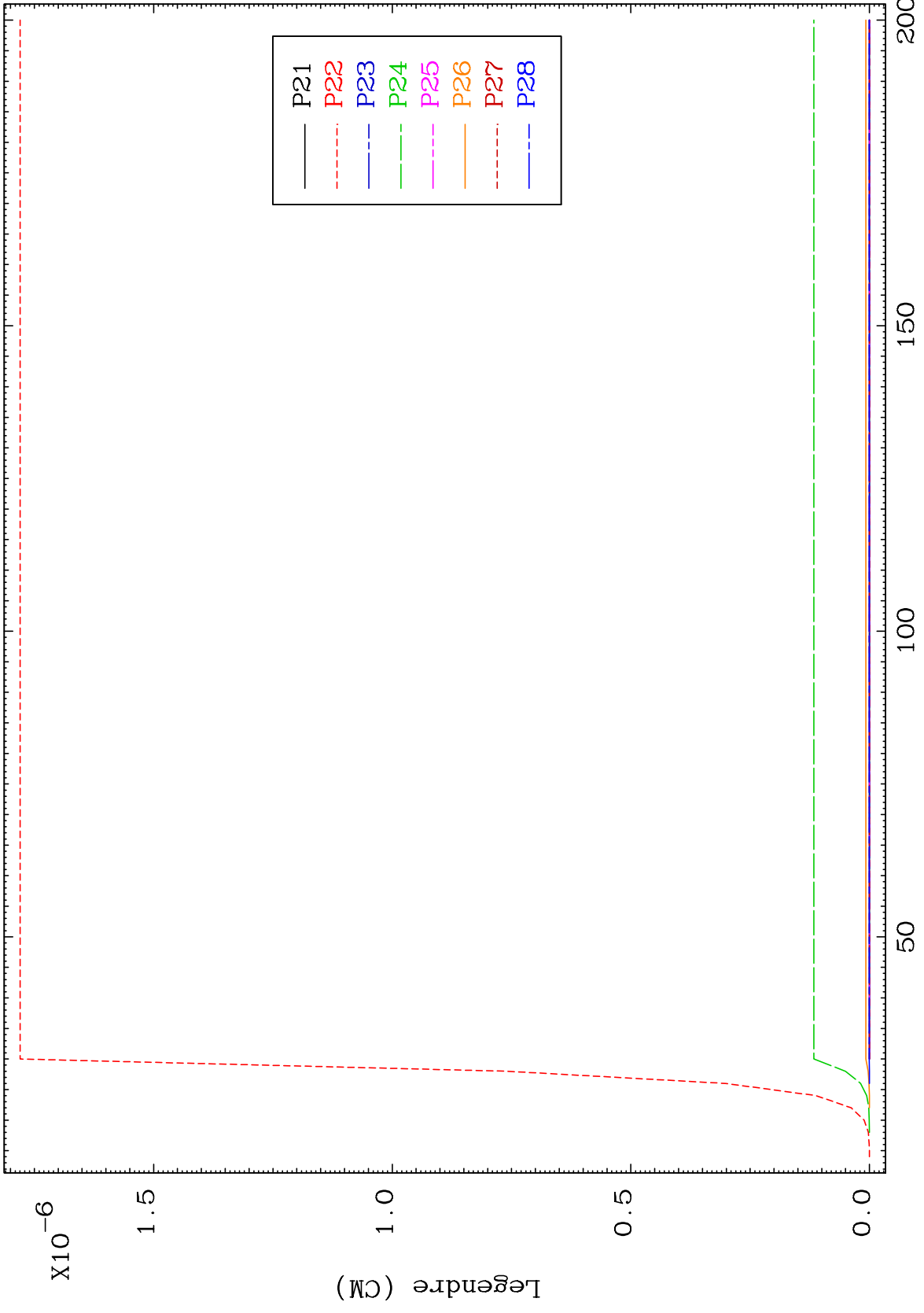
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



66-Dy-156

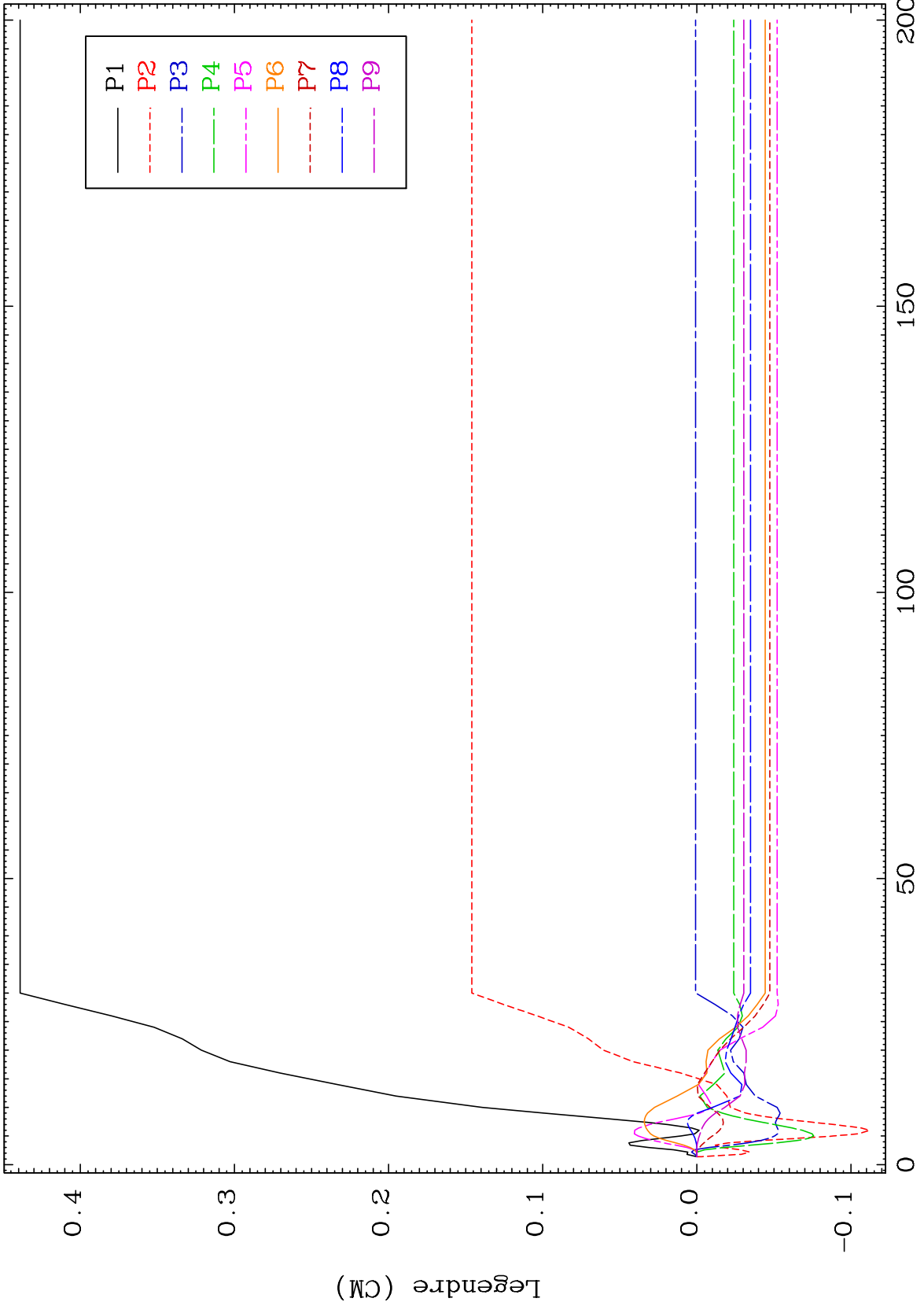
Incident Energy (MeV)

64

MAT 6625

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

66-Dy-156



65

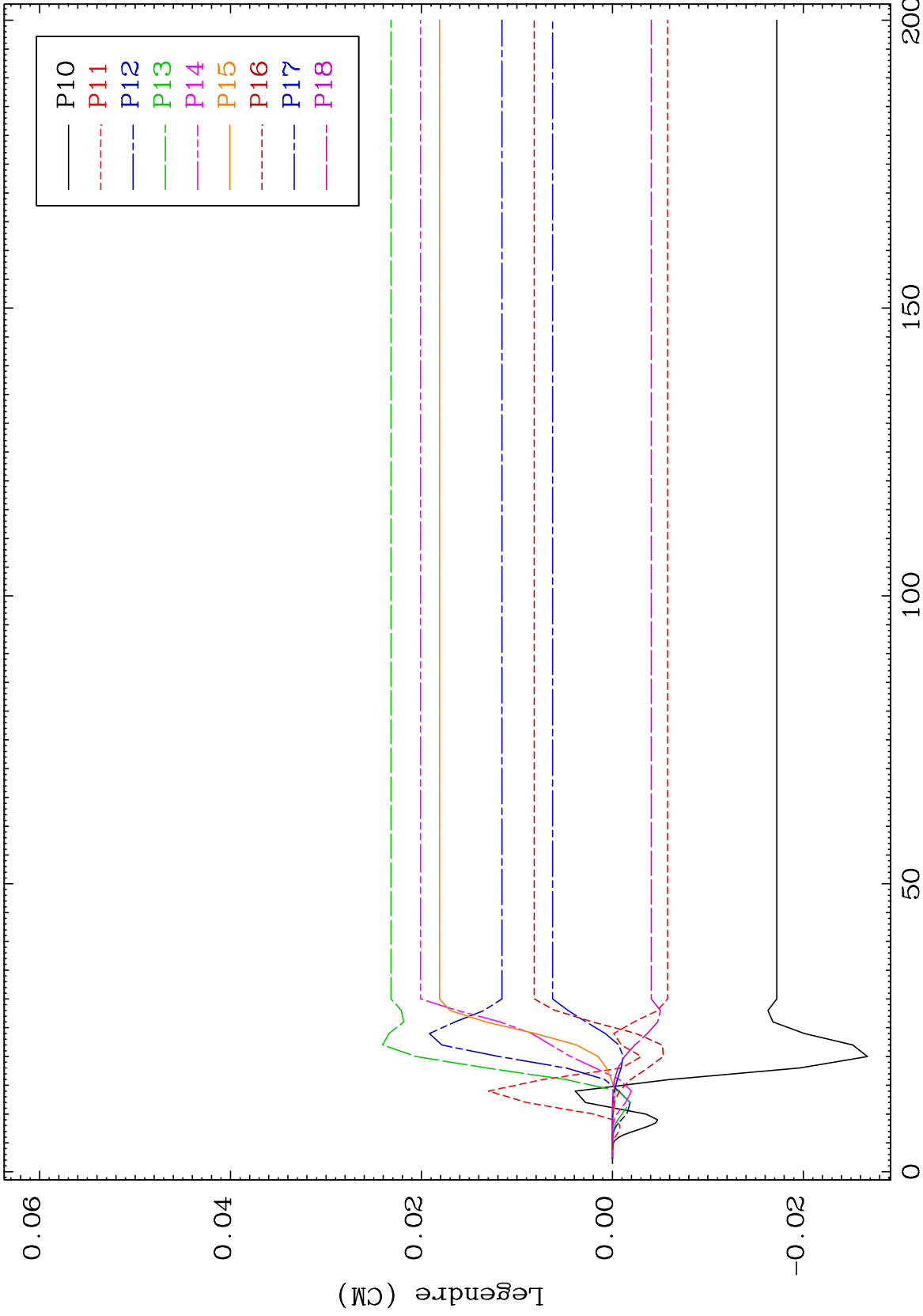
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



66

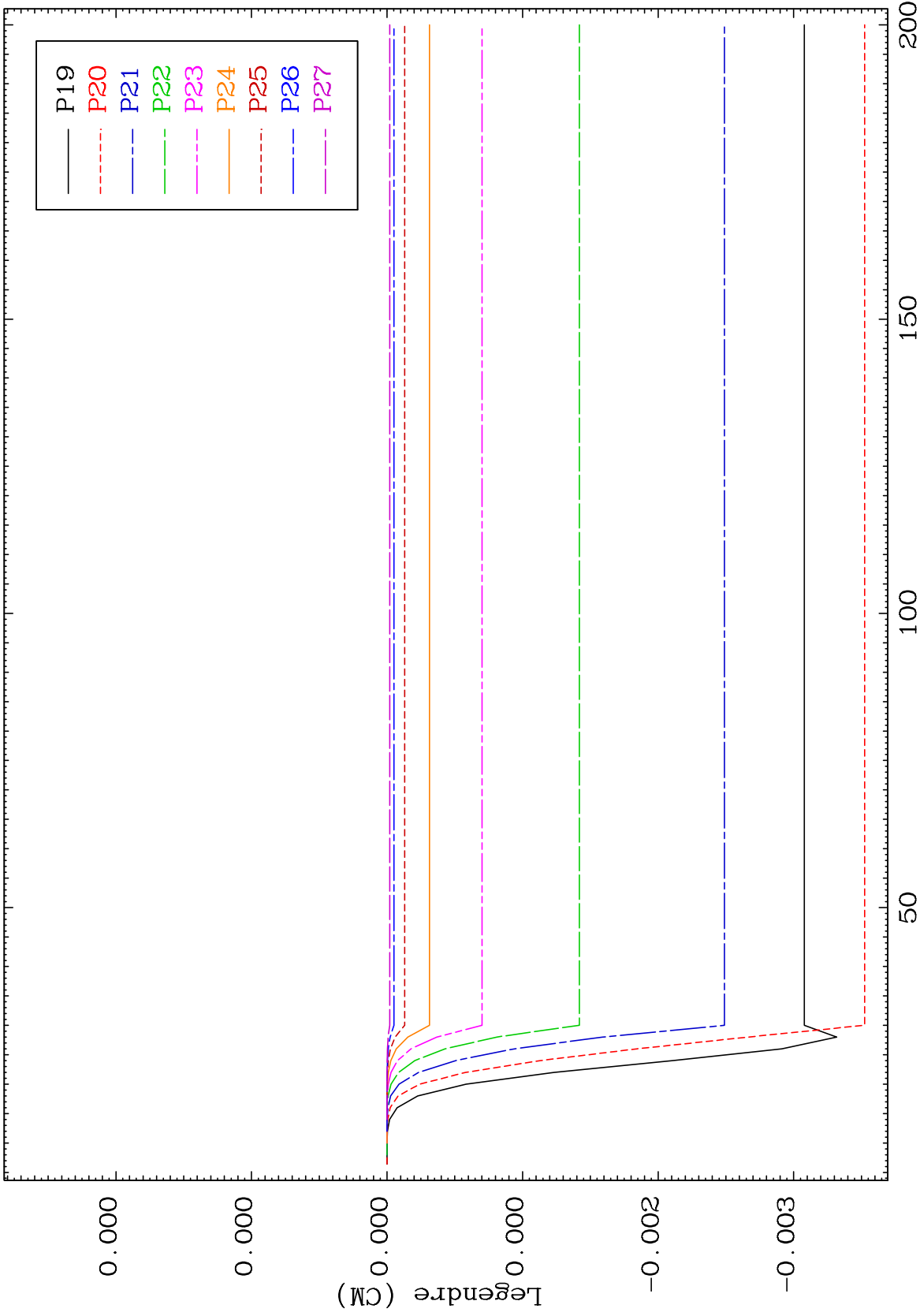
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



67

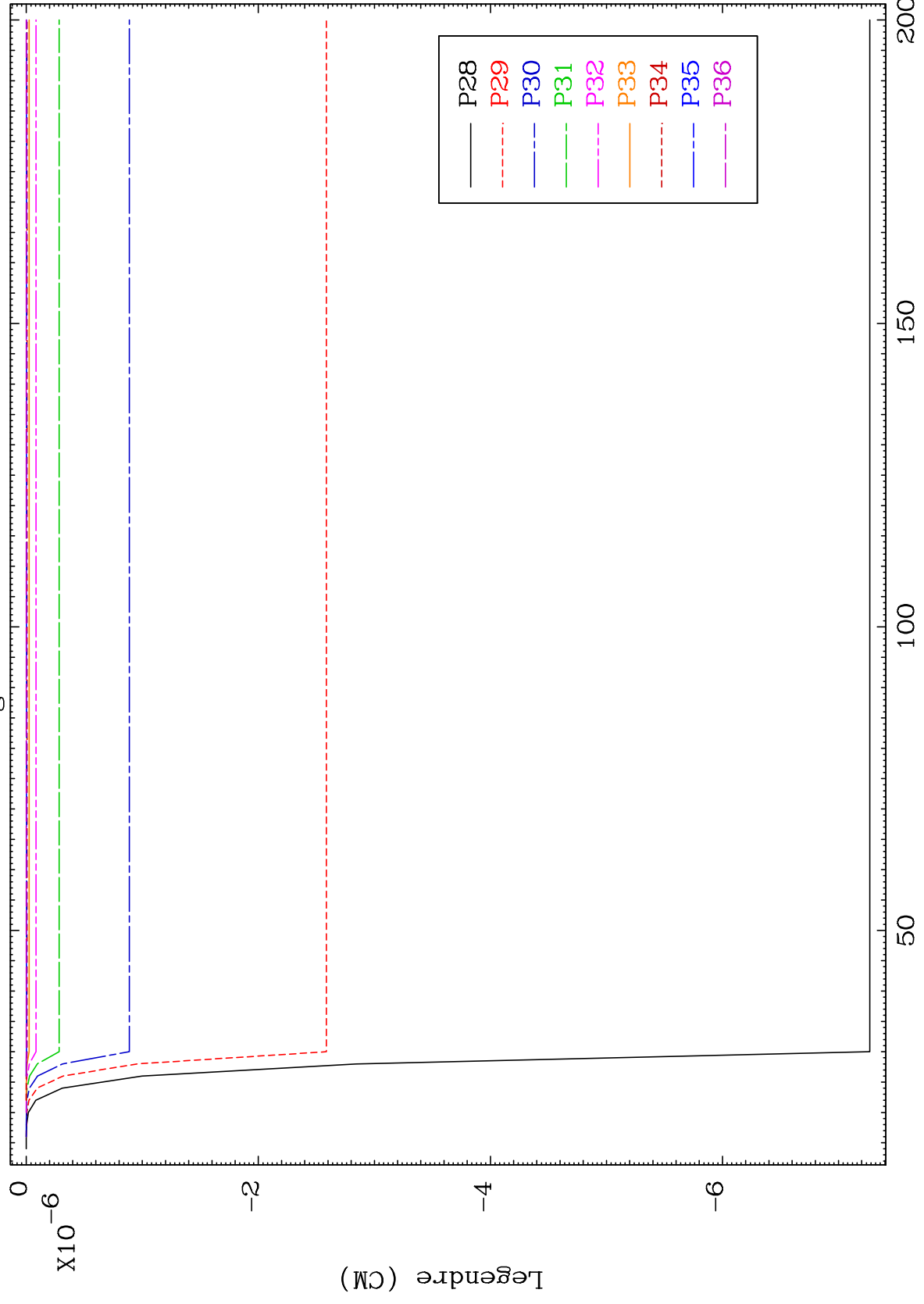
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



68

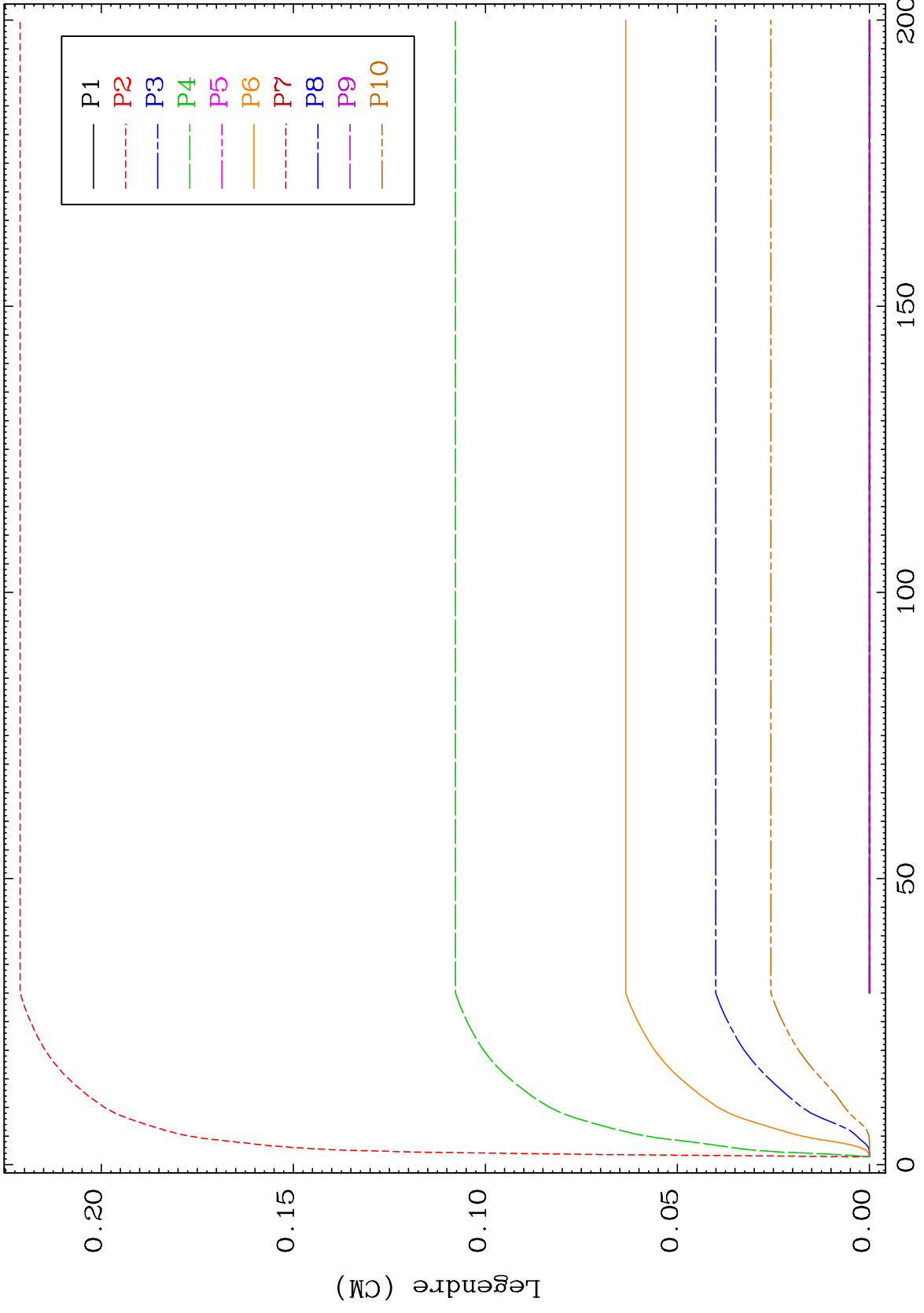
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



66-Dy-156

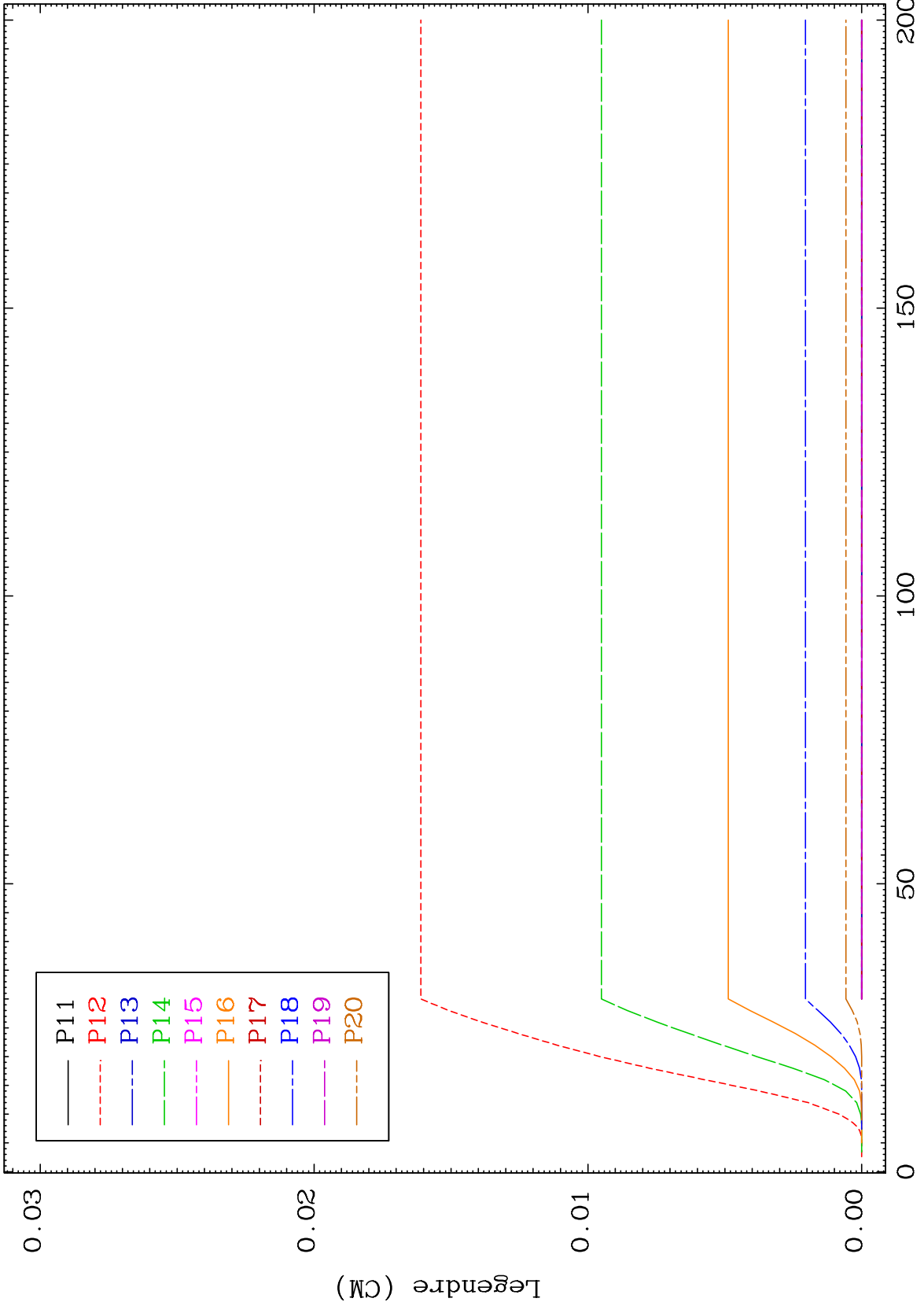
Incident Energy (MeV)

69

MAT 6625

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

66-Dy-156

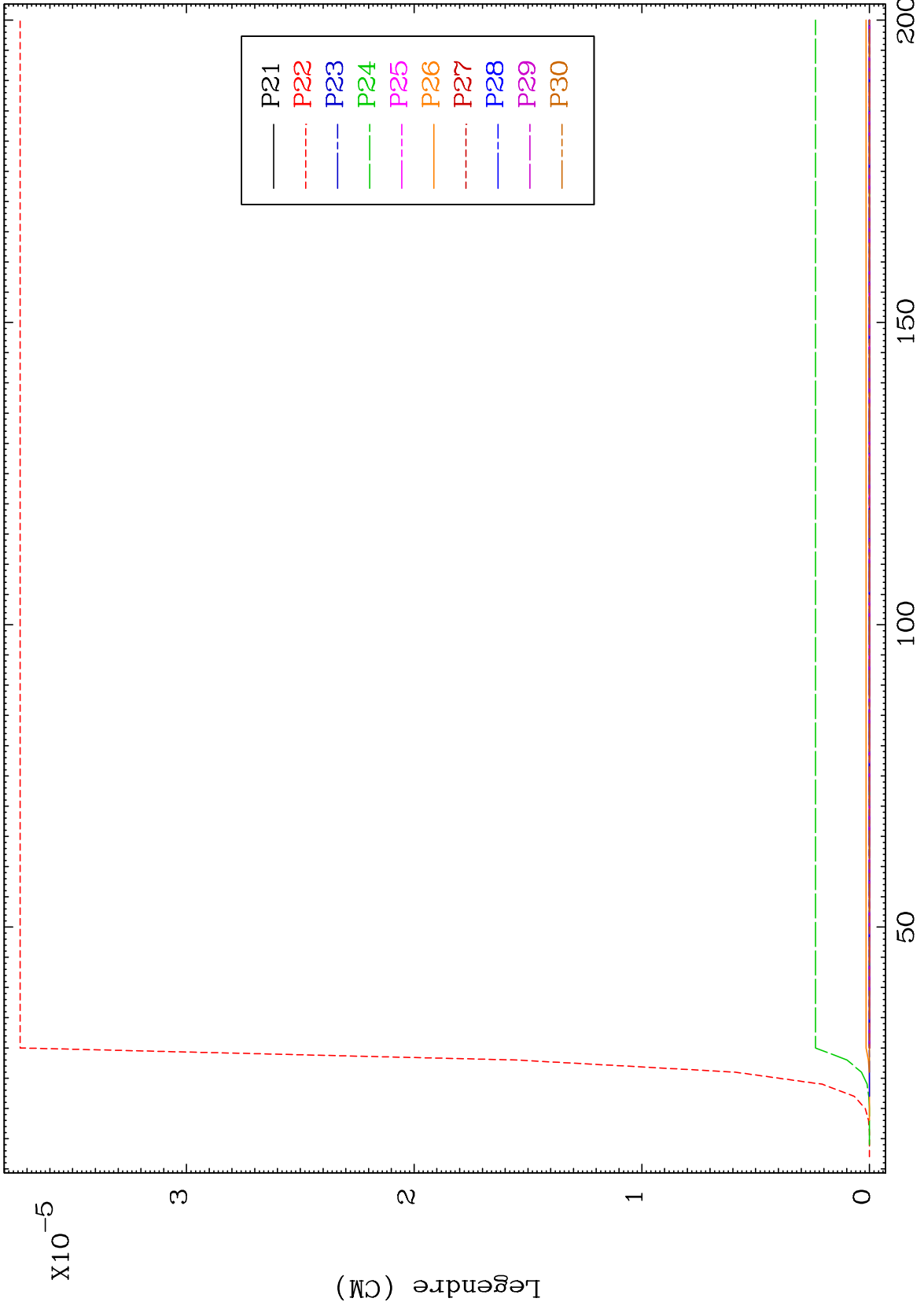


70

Incident Energy (MeV)

66-Dy-156

MAT 6625 MT= 64 (n,n') Level Legendre Coefficients 66-Dy-156

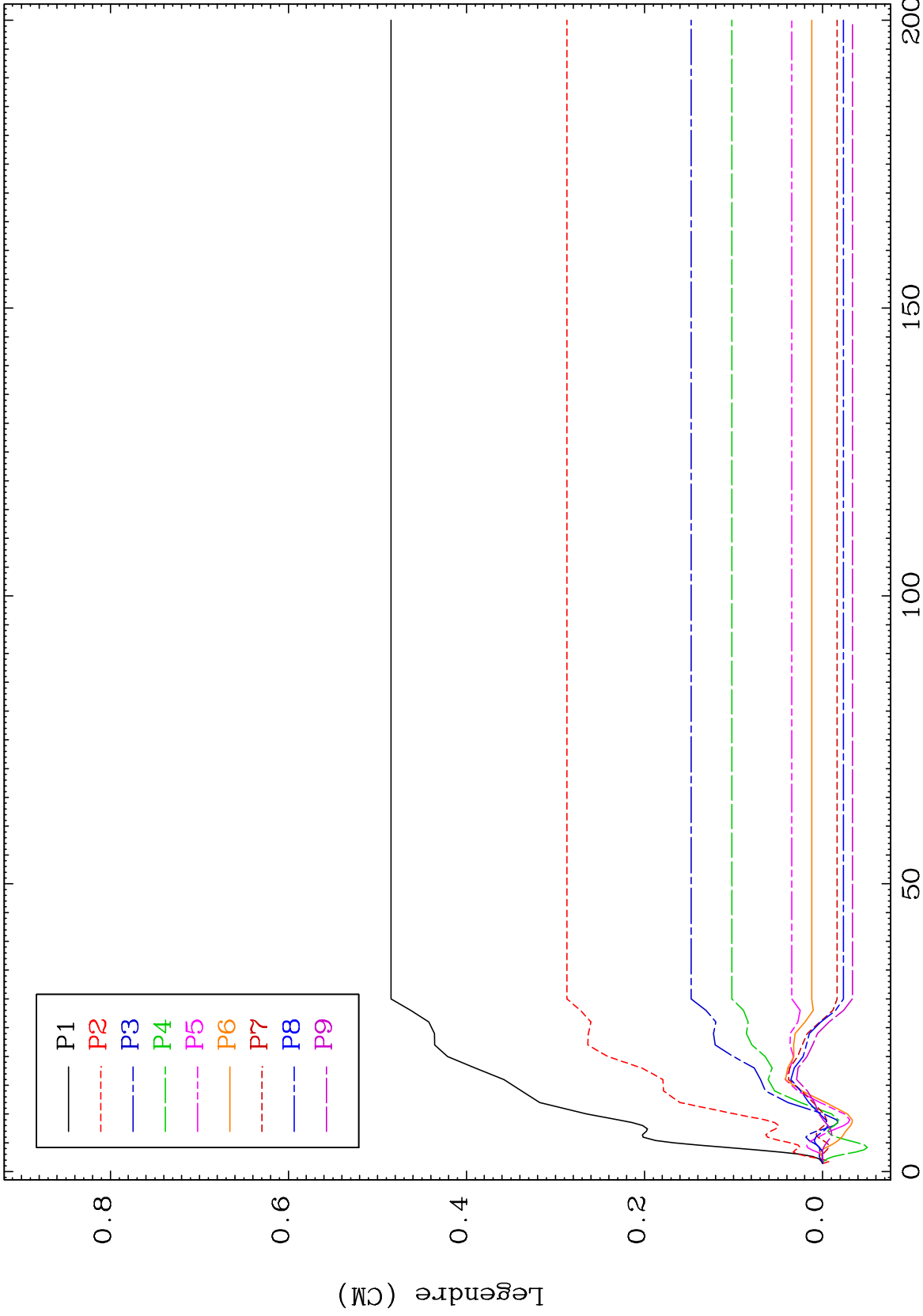


71 66-Dy-156

MAT 6625

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

66-Dy-156



72

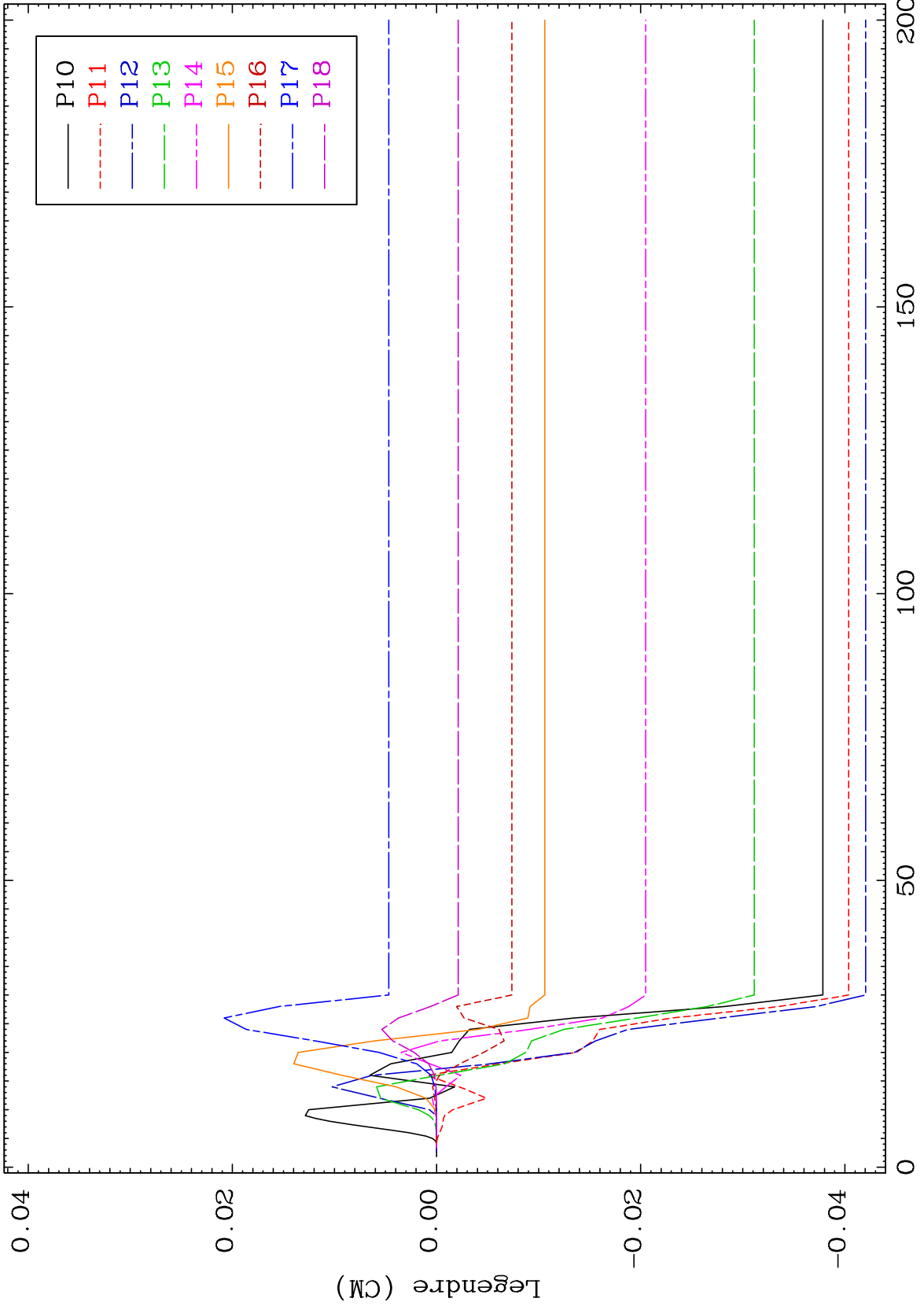
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



73

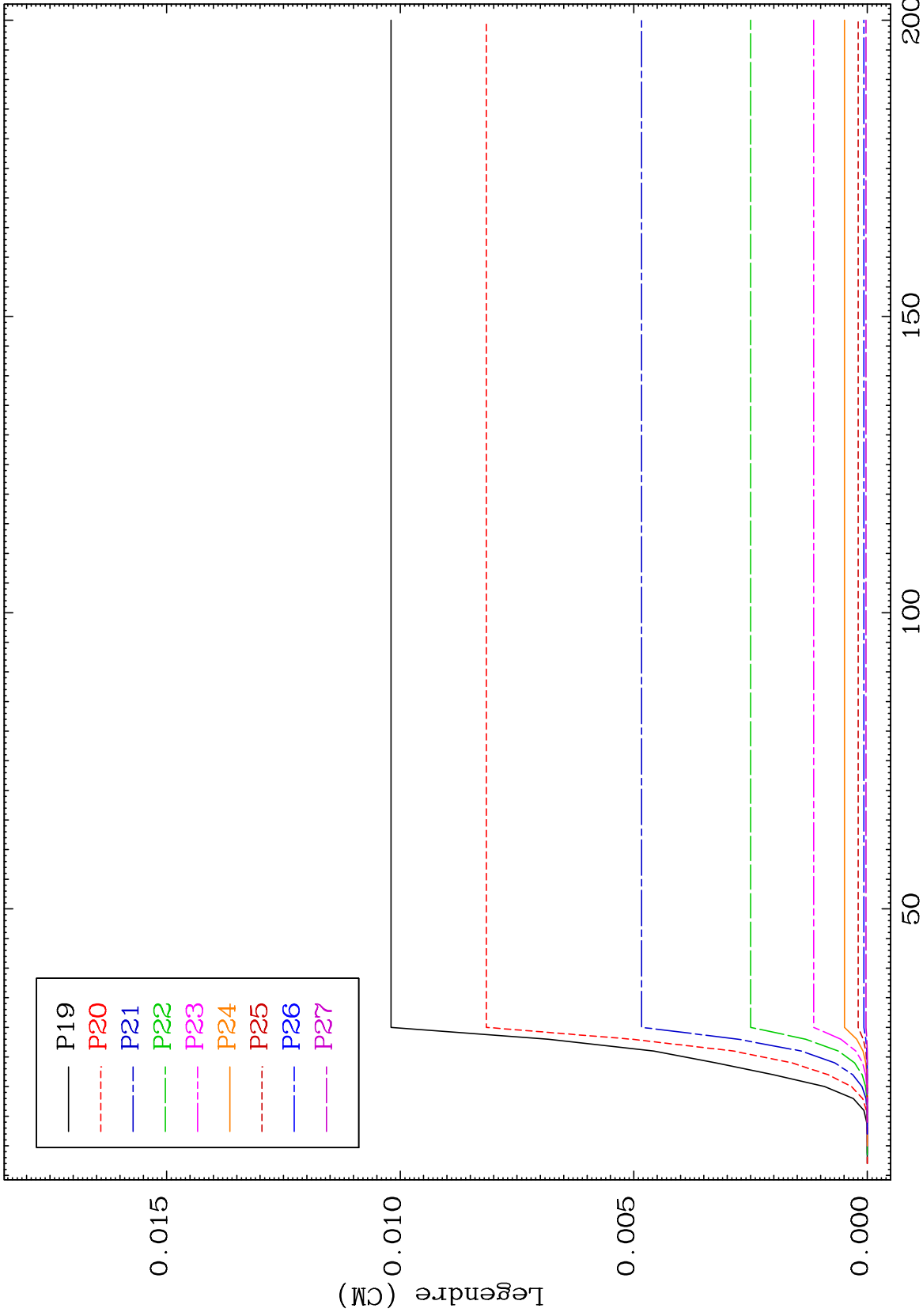
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



74

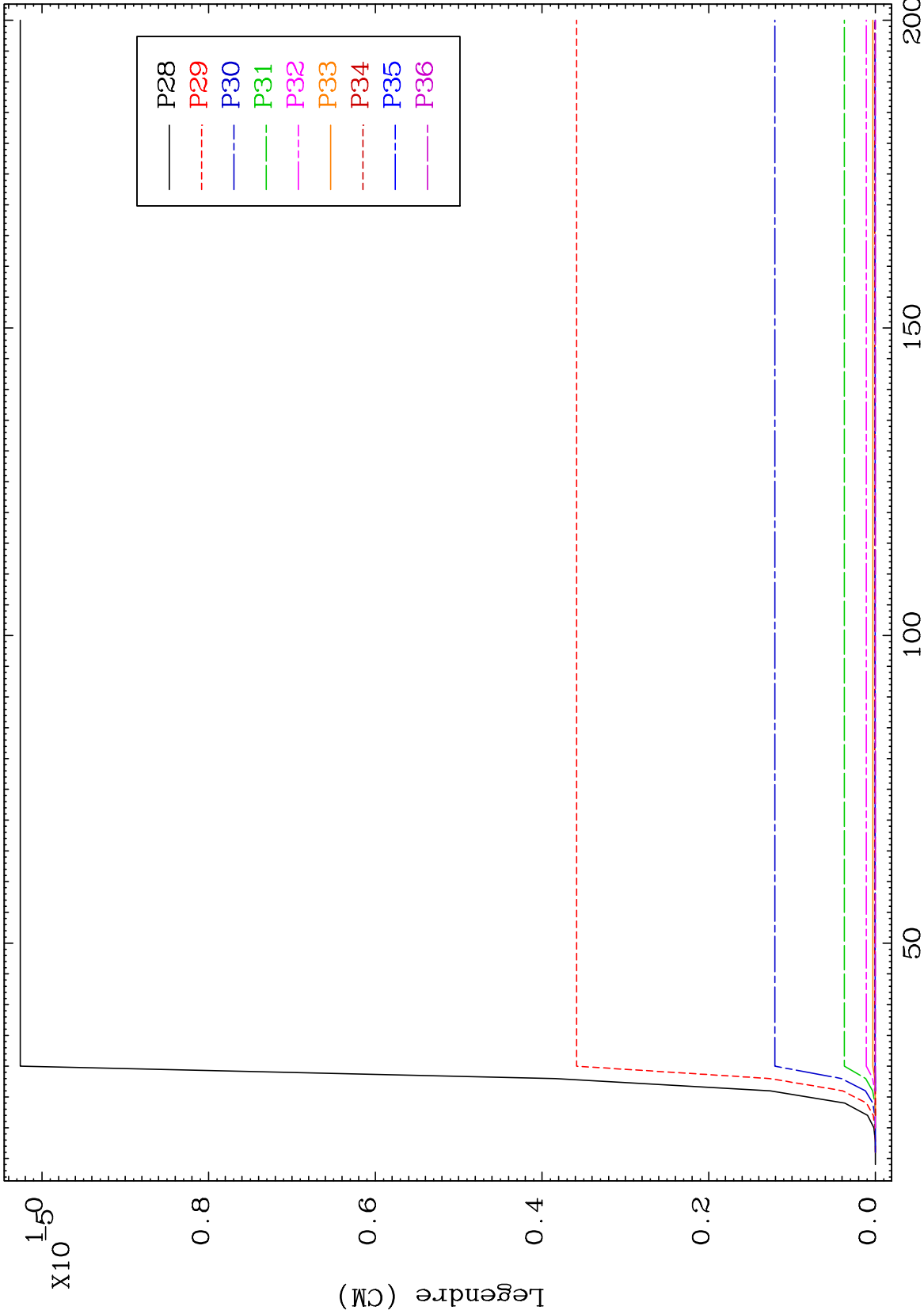
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



75

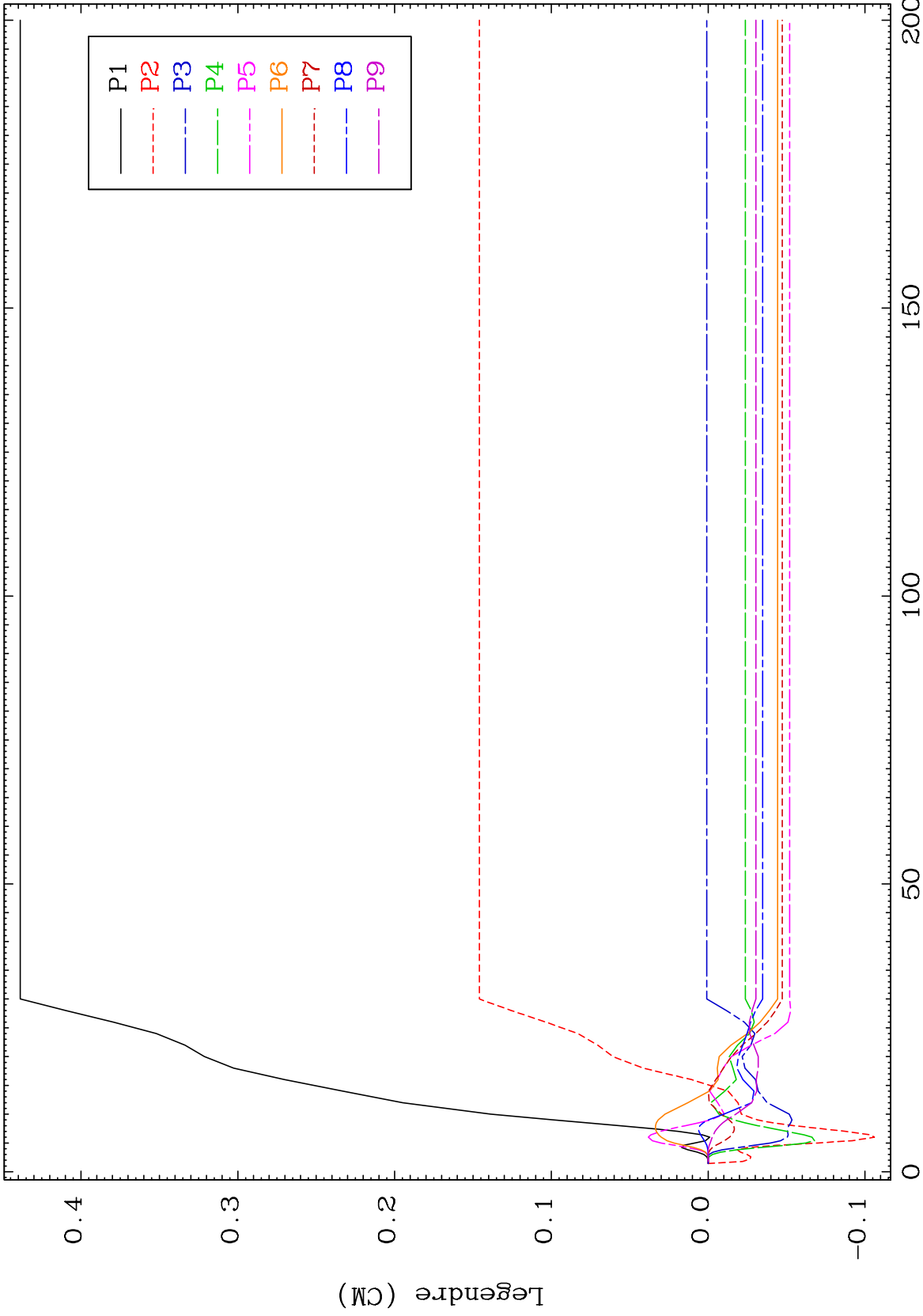
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



76

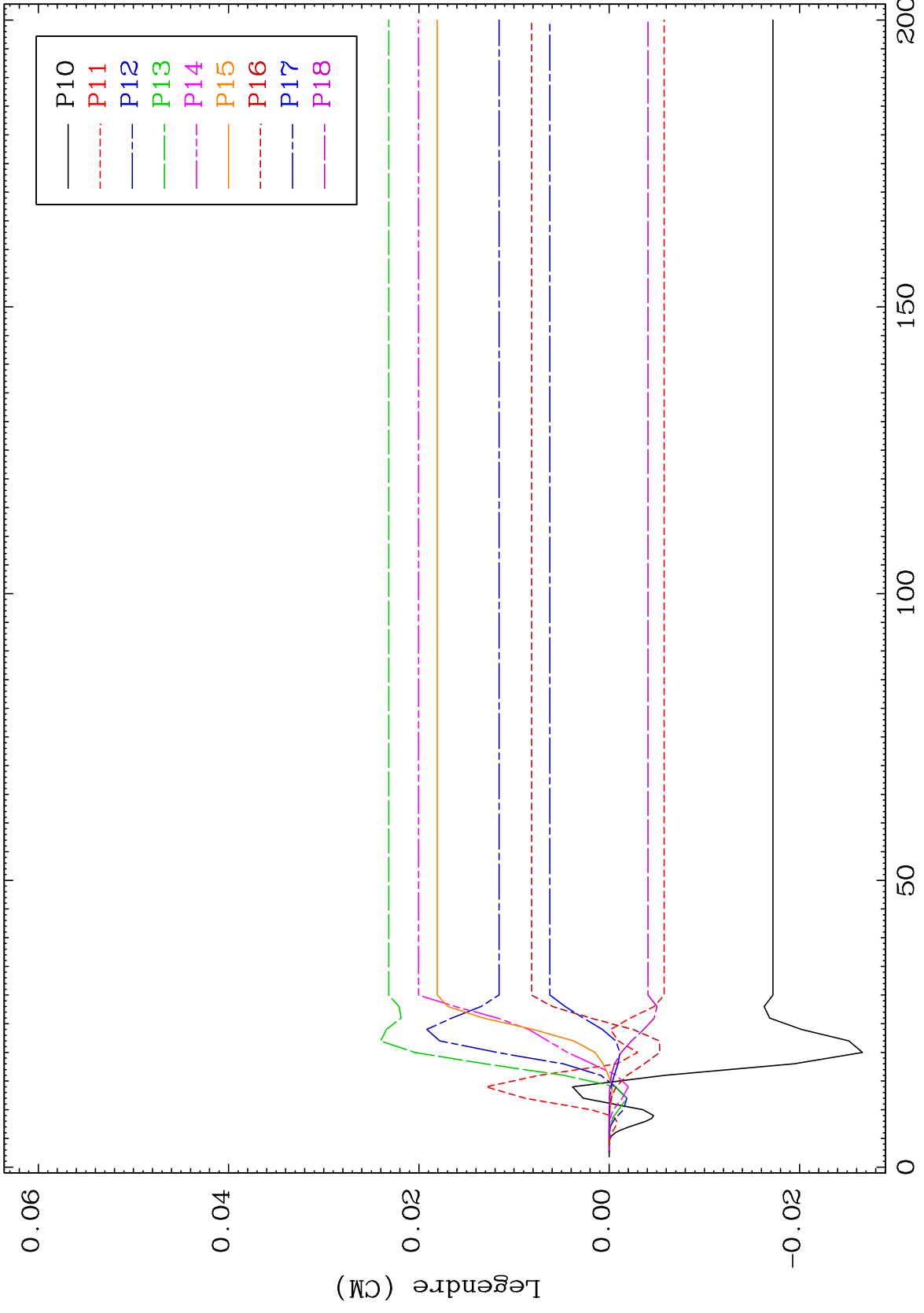
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



77

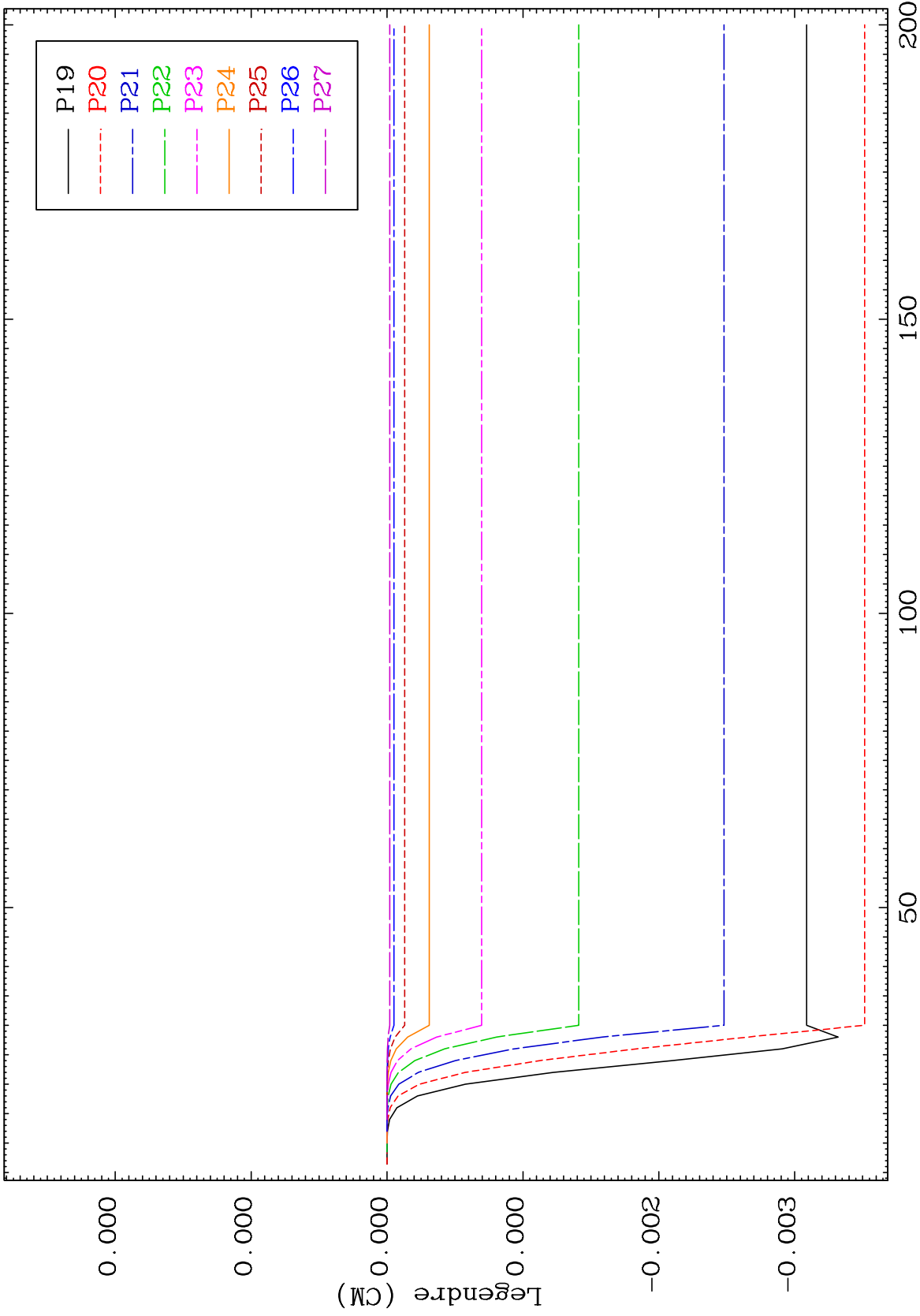
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



78

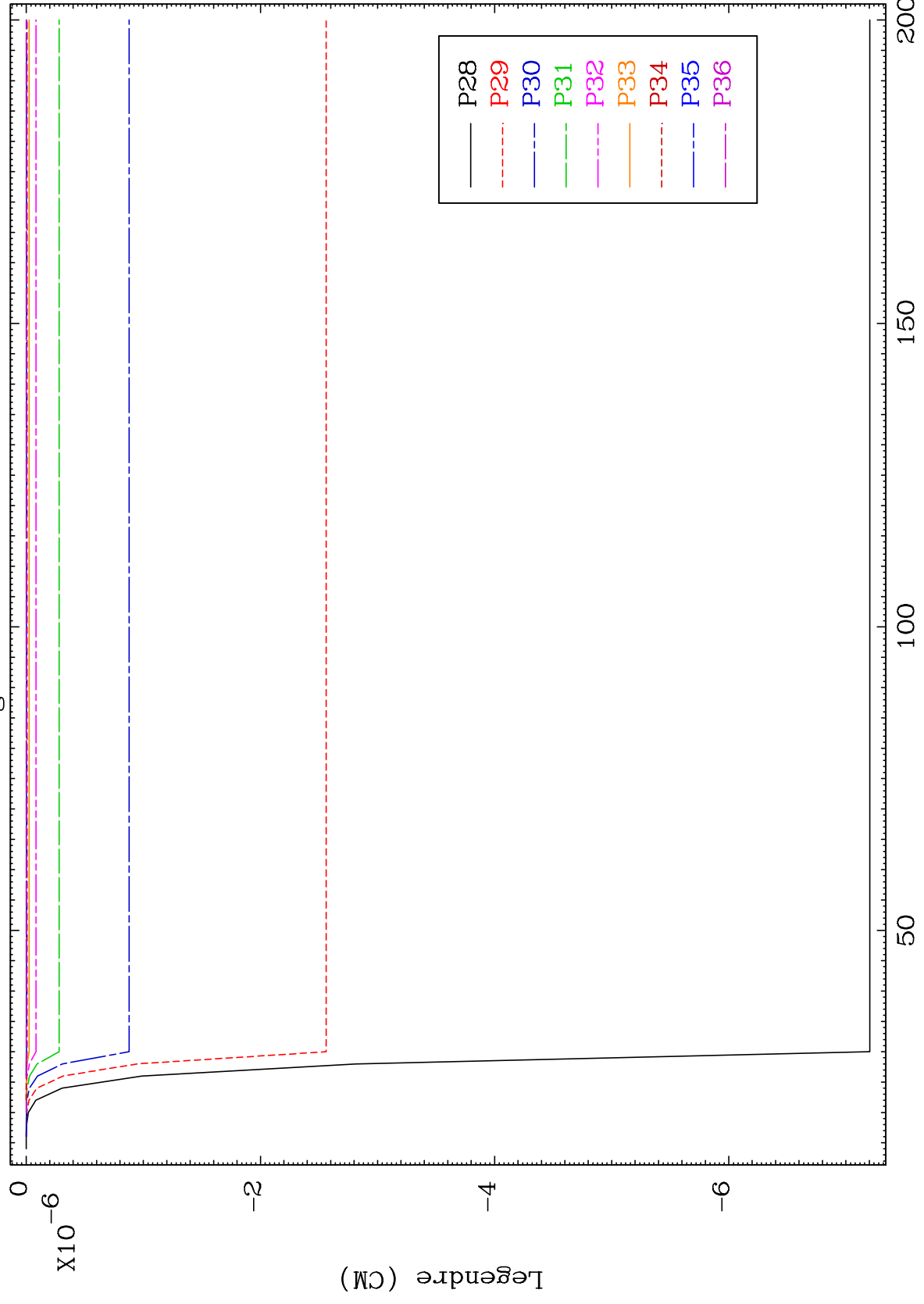
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



66-Dy-156

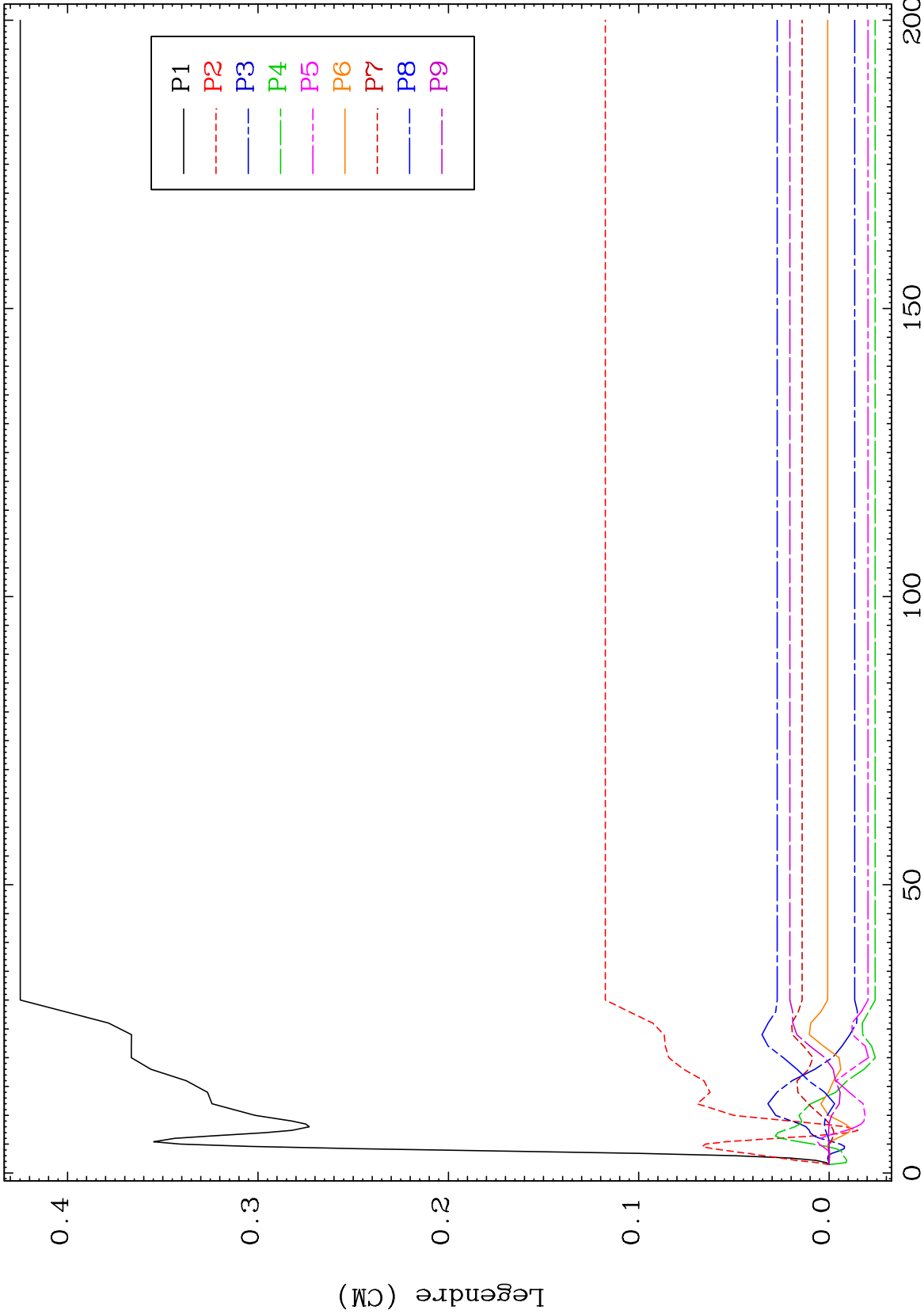
Incident Energy (MeV)

79

MAT 6625

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

66-Dy-156



80

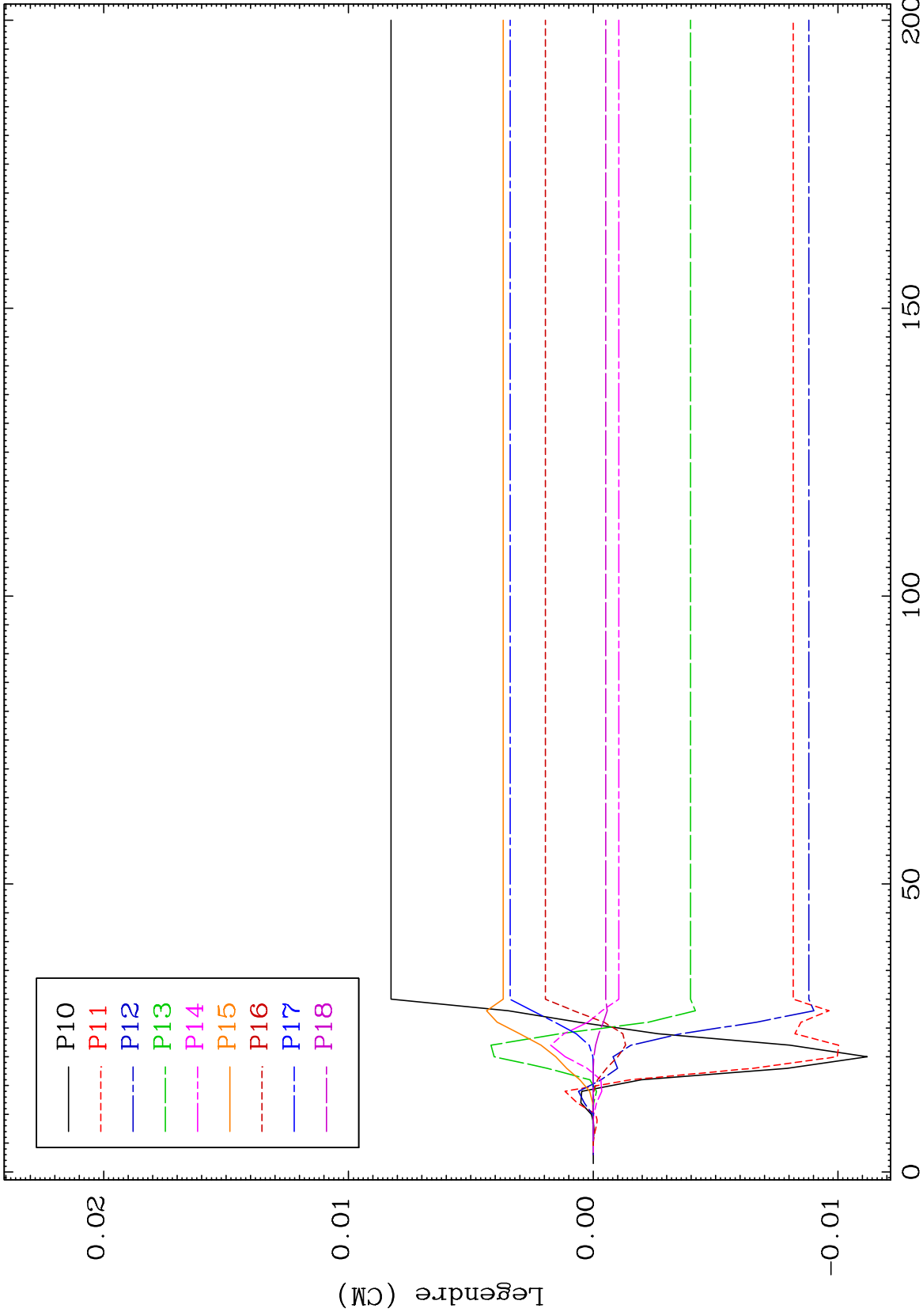
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



81

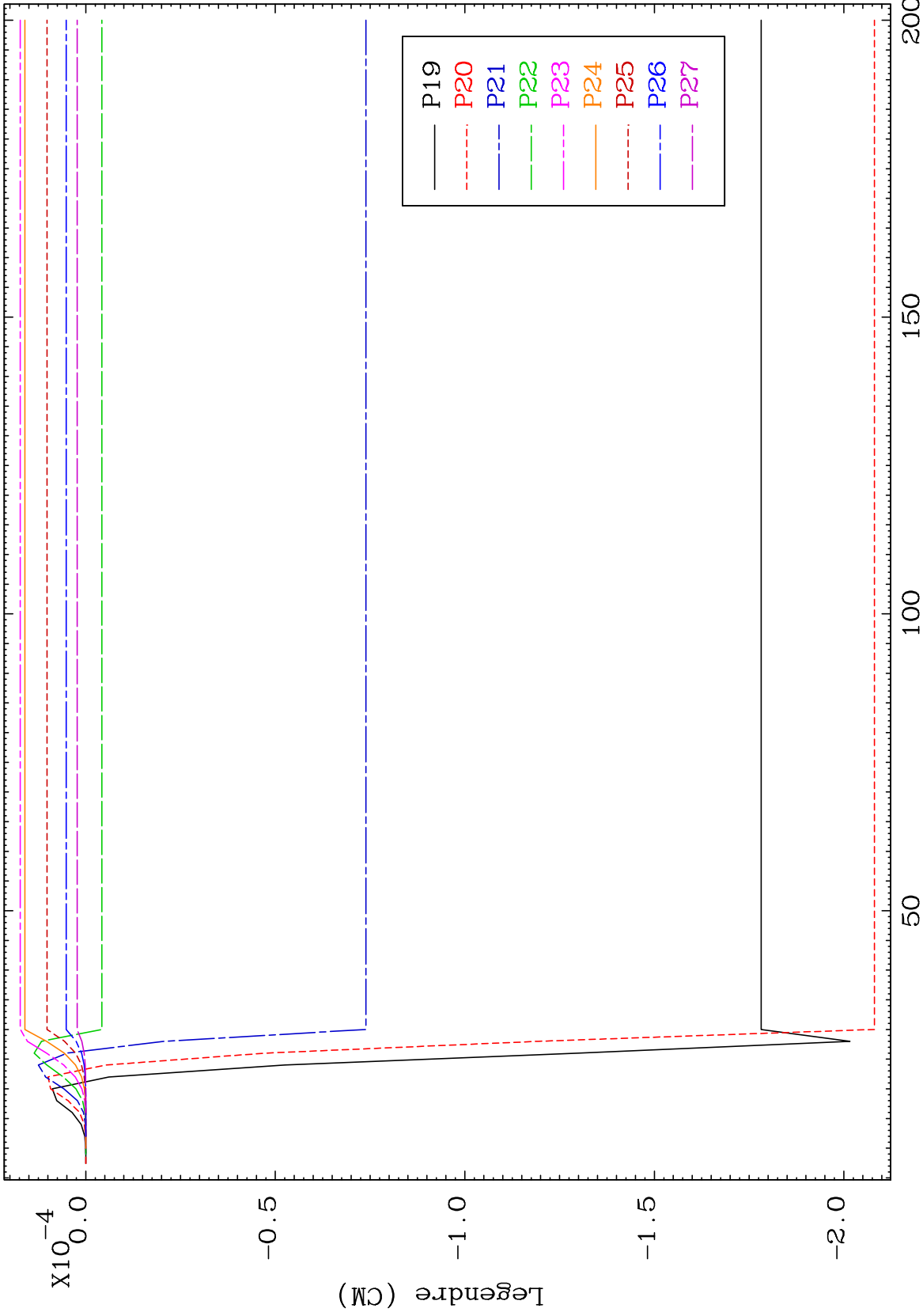
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



82

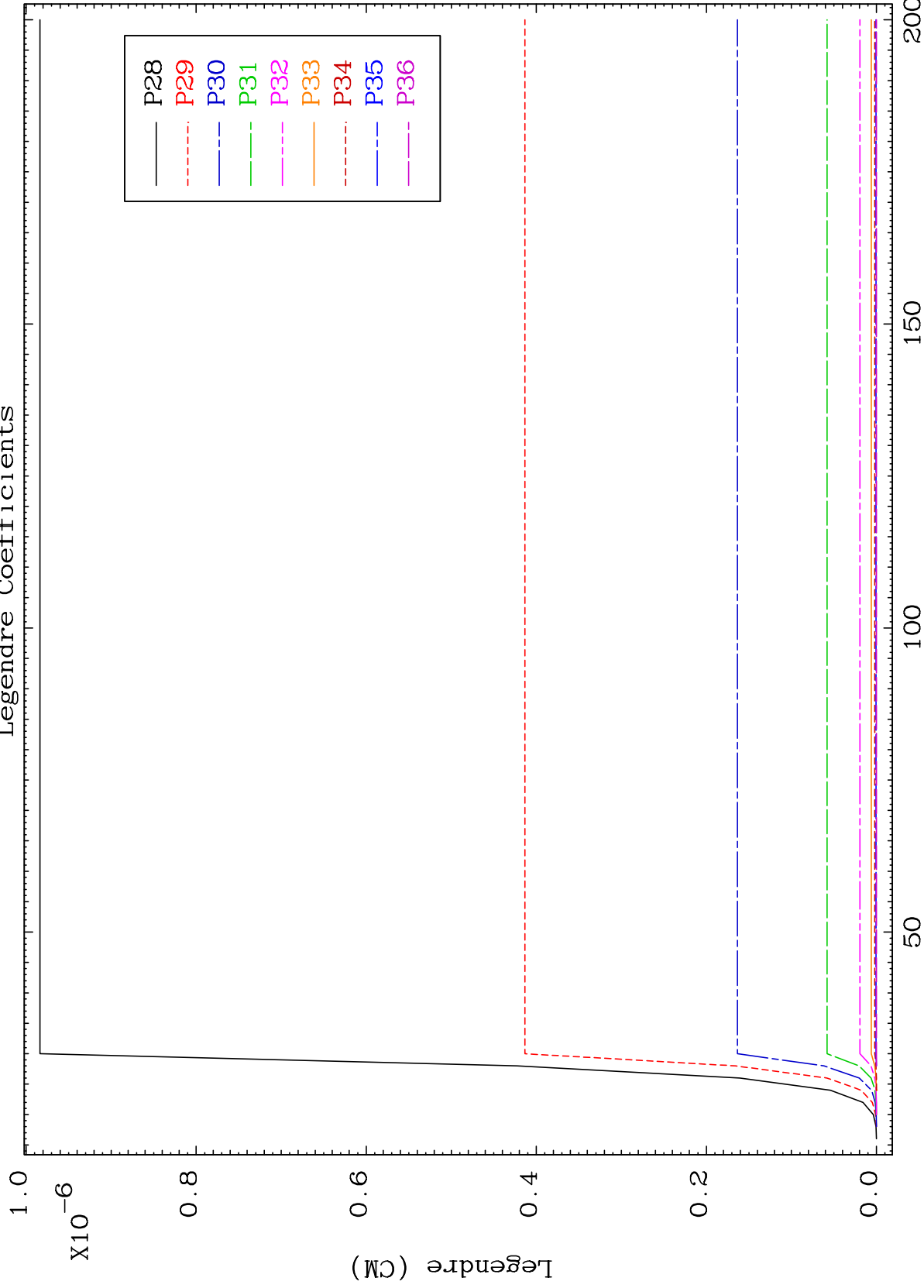
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



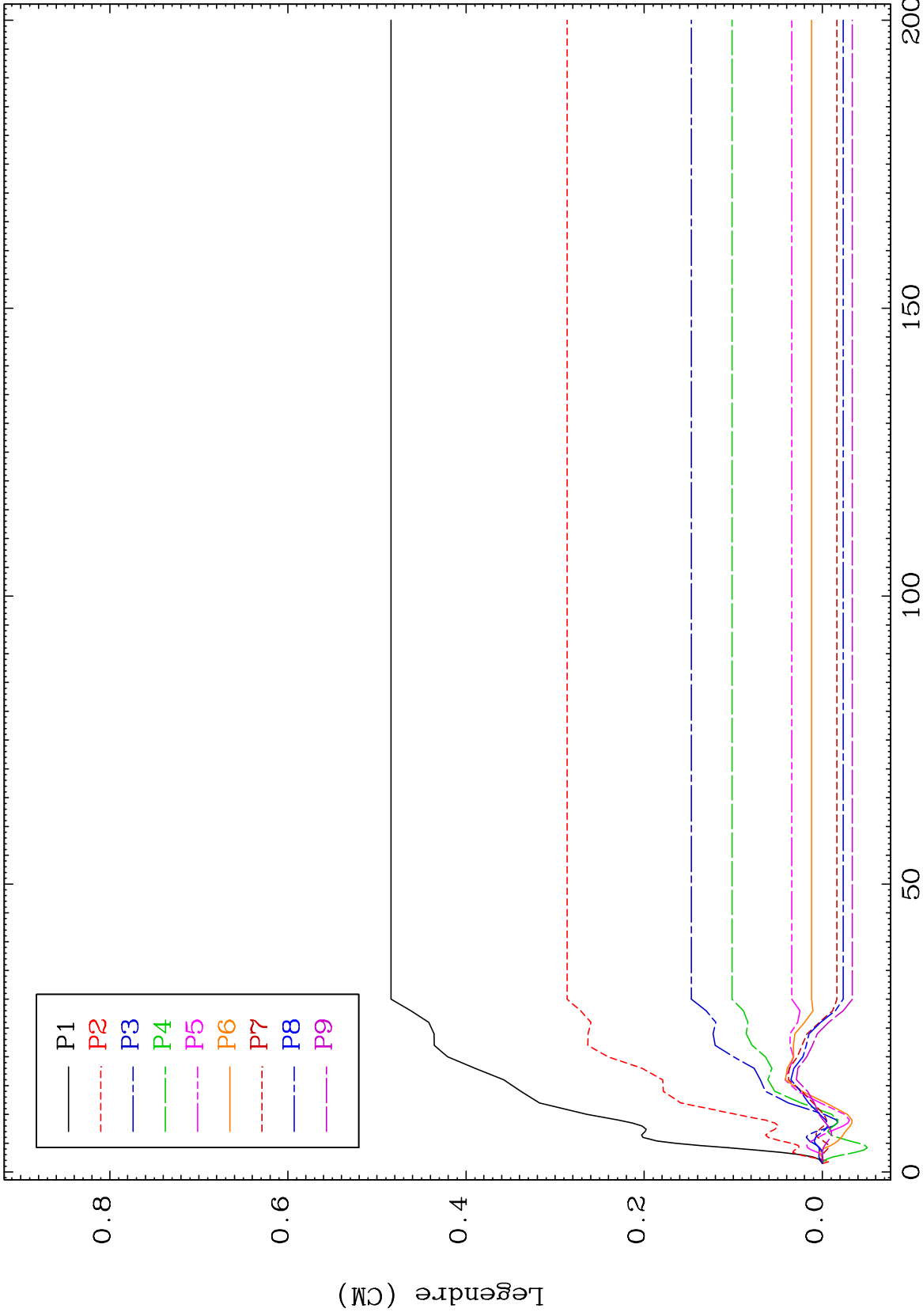
83

66-Dy-156

MAT 6625

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

66-Dy-156



84

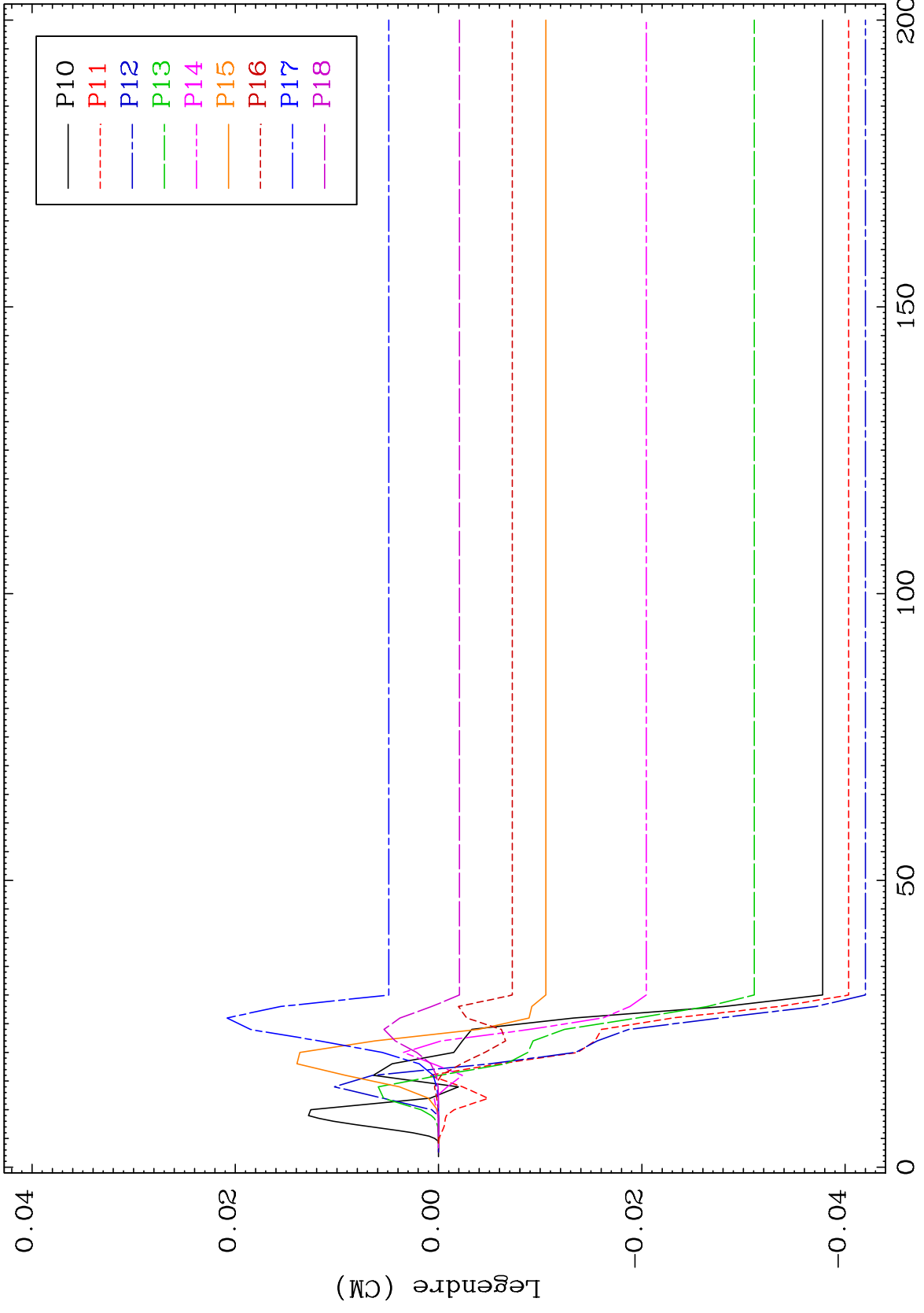
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



85

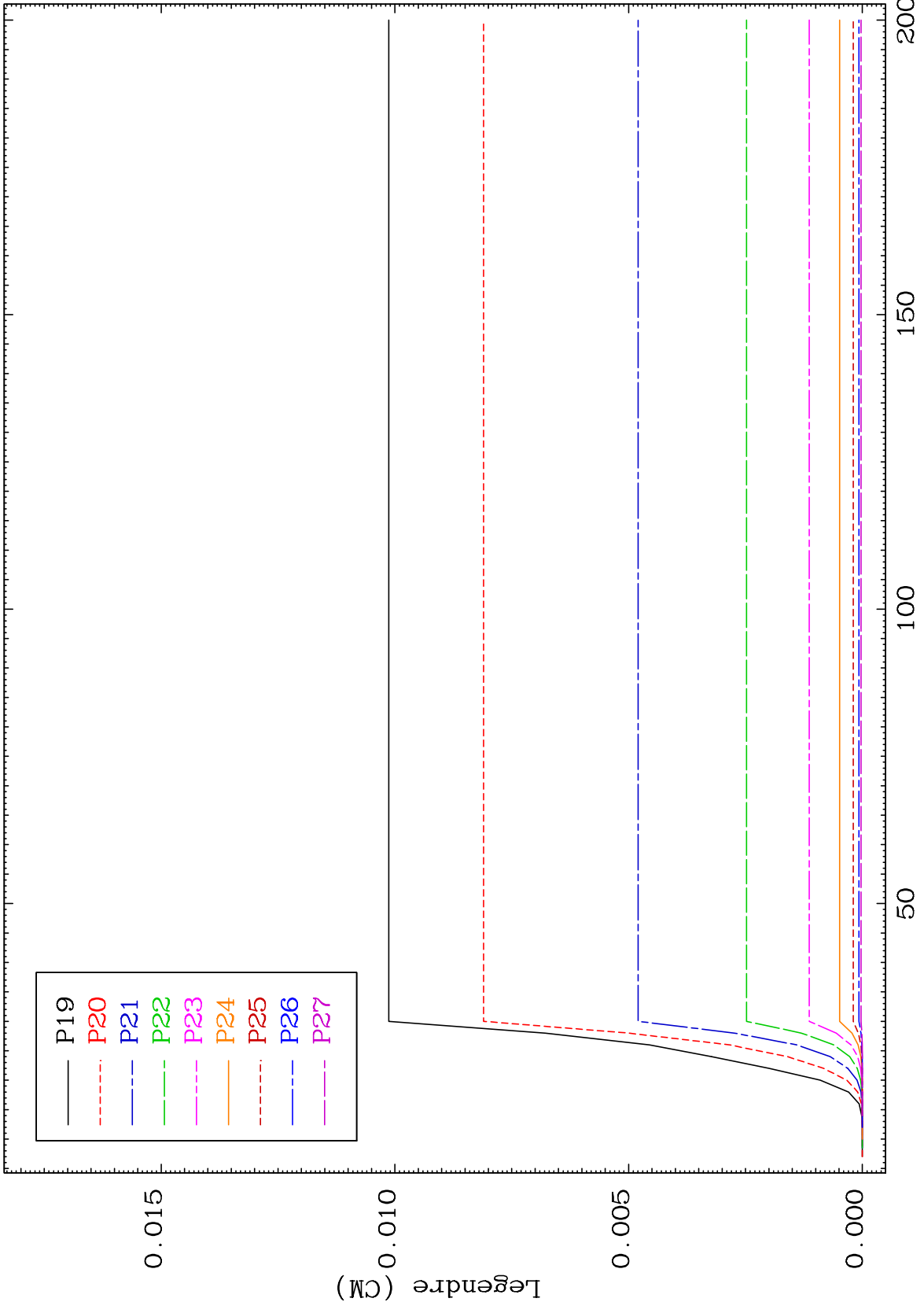
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

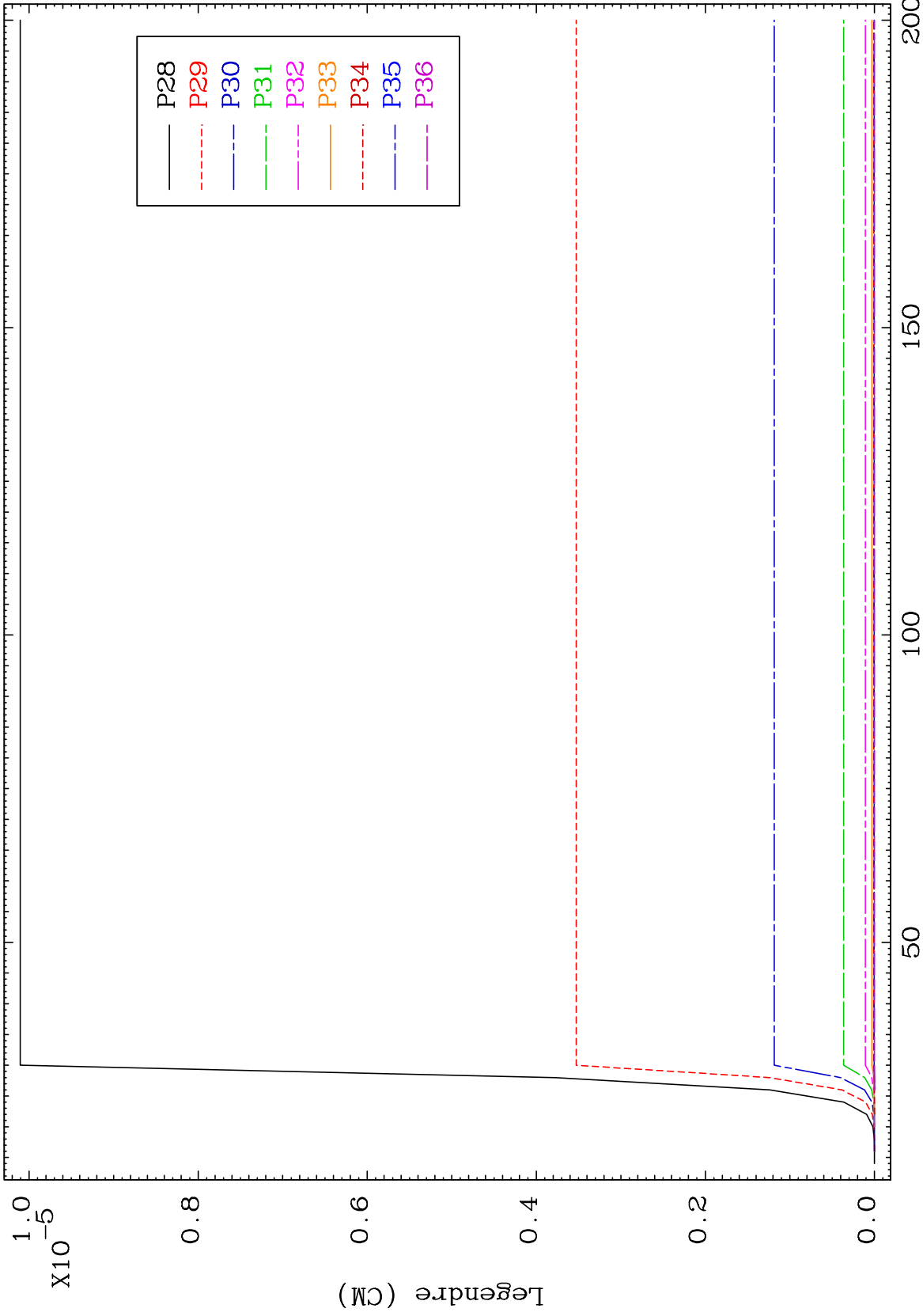
66-Dy-156



MAT 6625

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

66-Dy-156



87

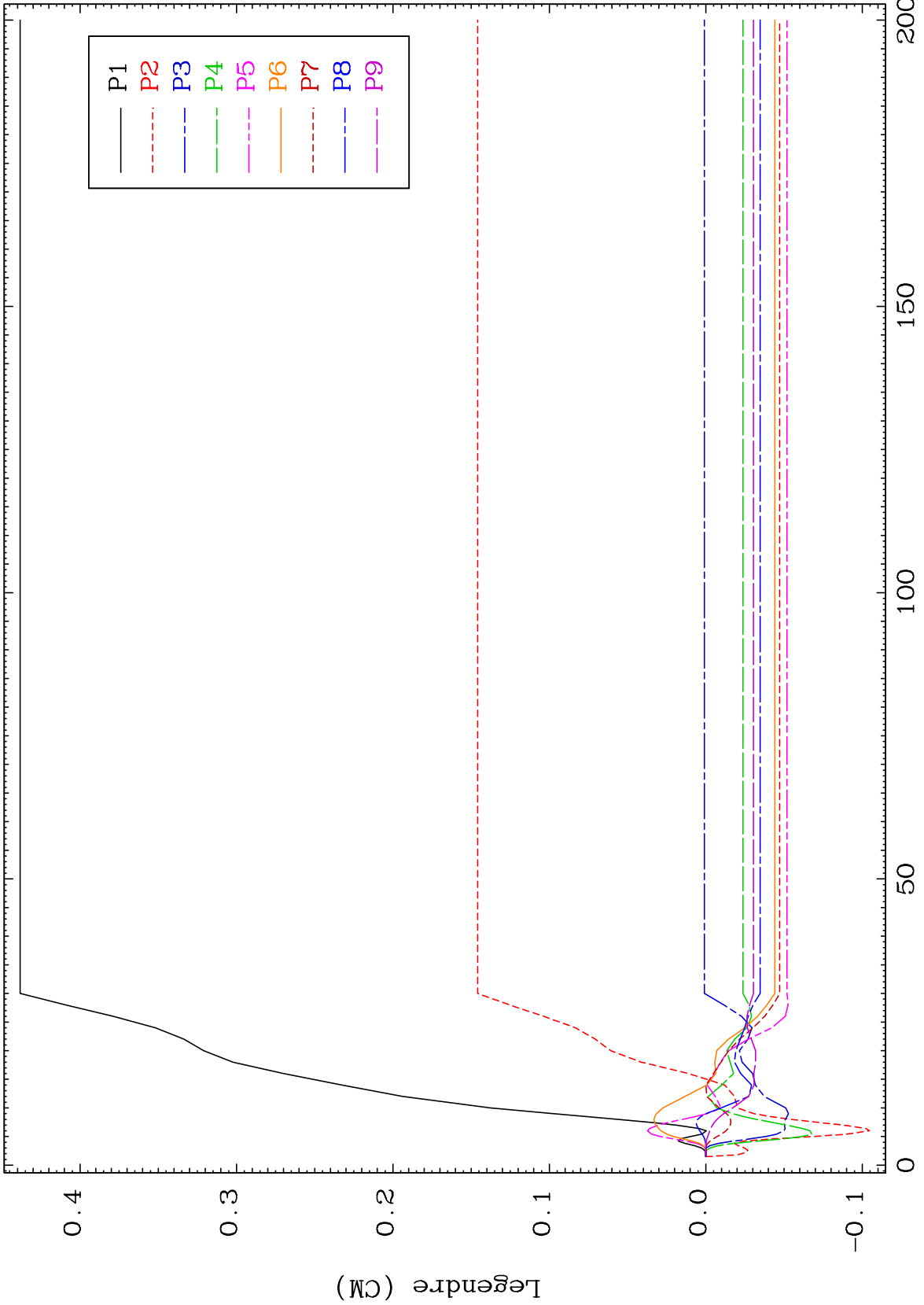
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



88

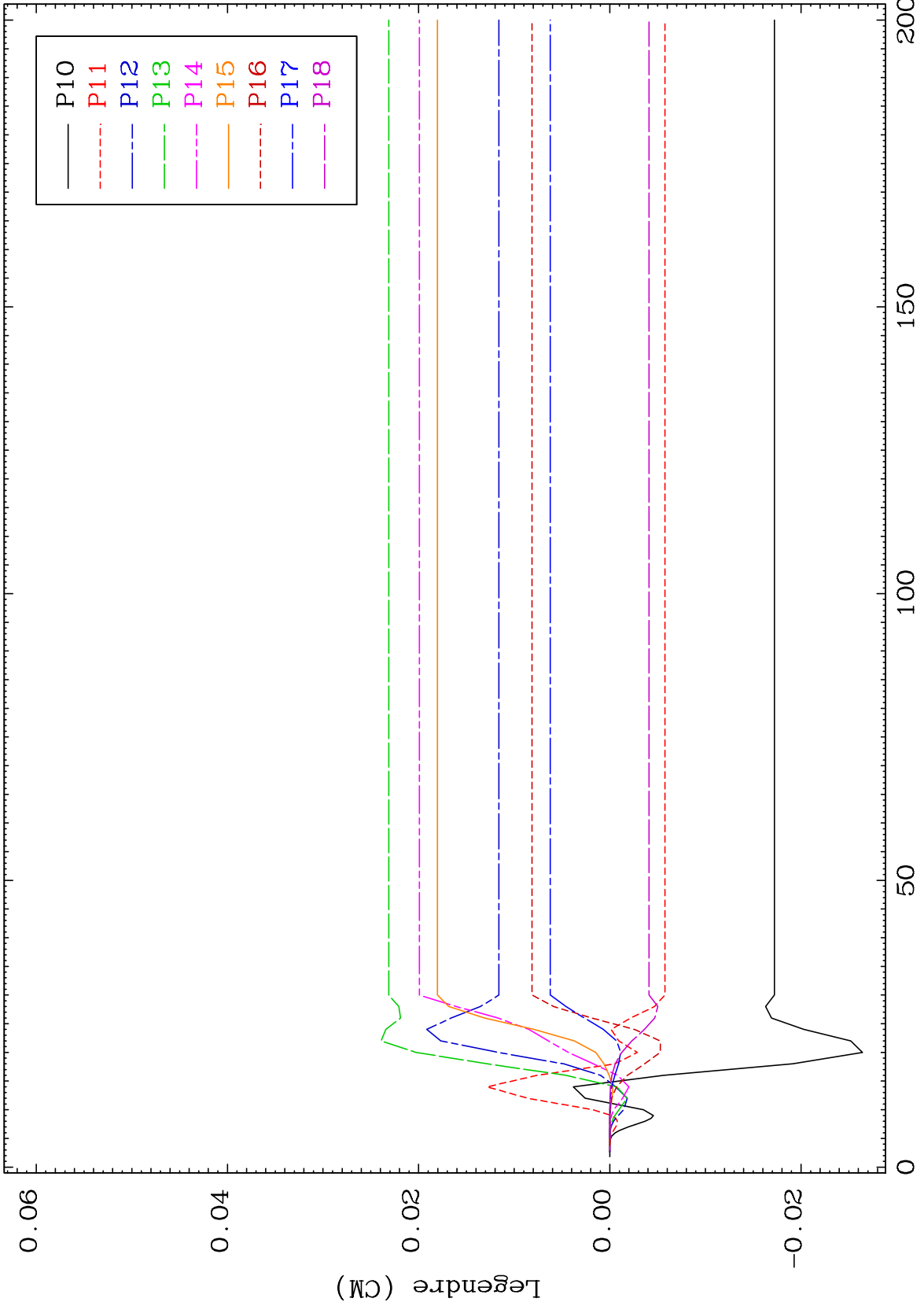
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



89

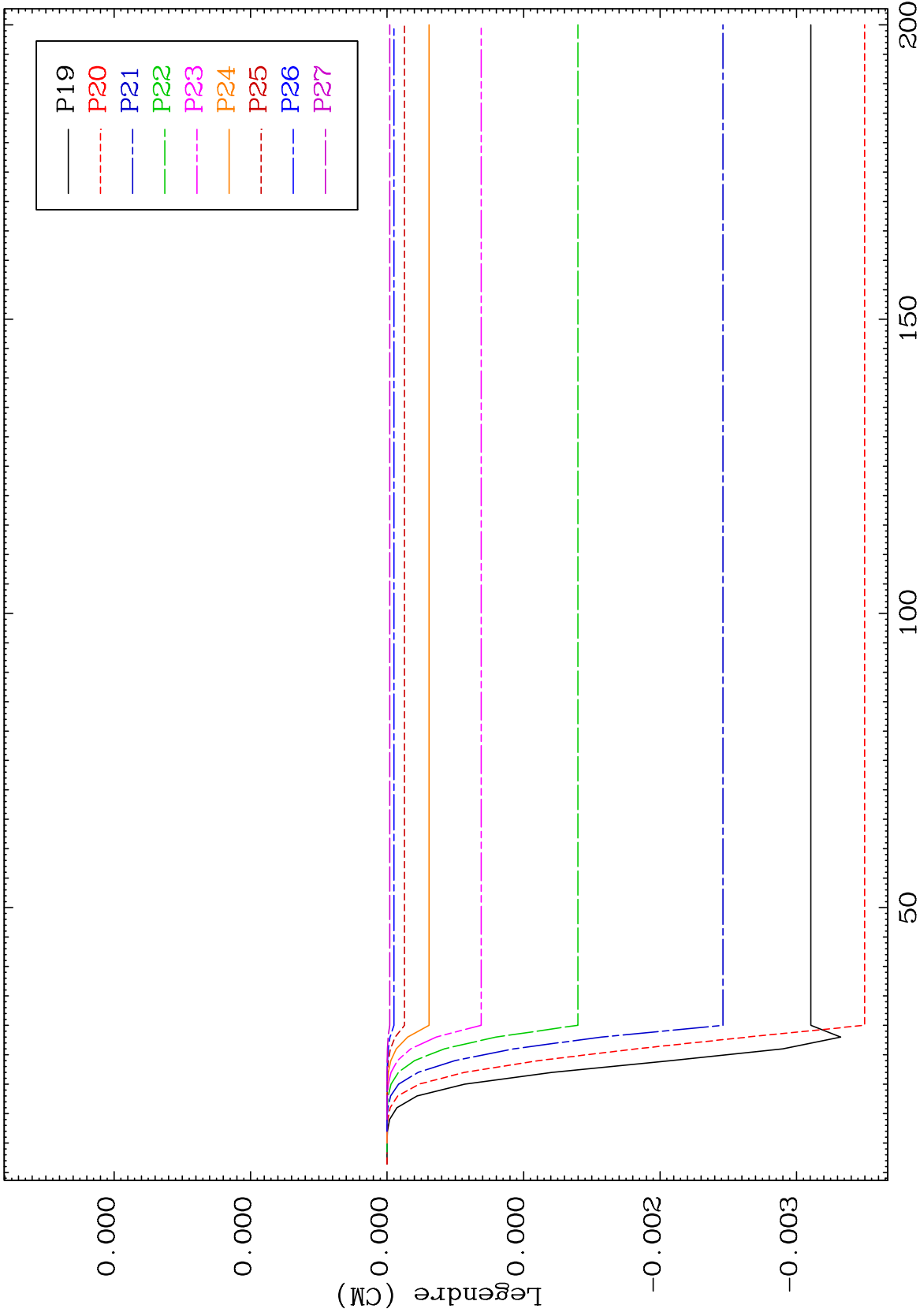
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



90

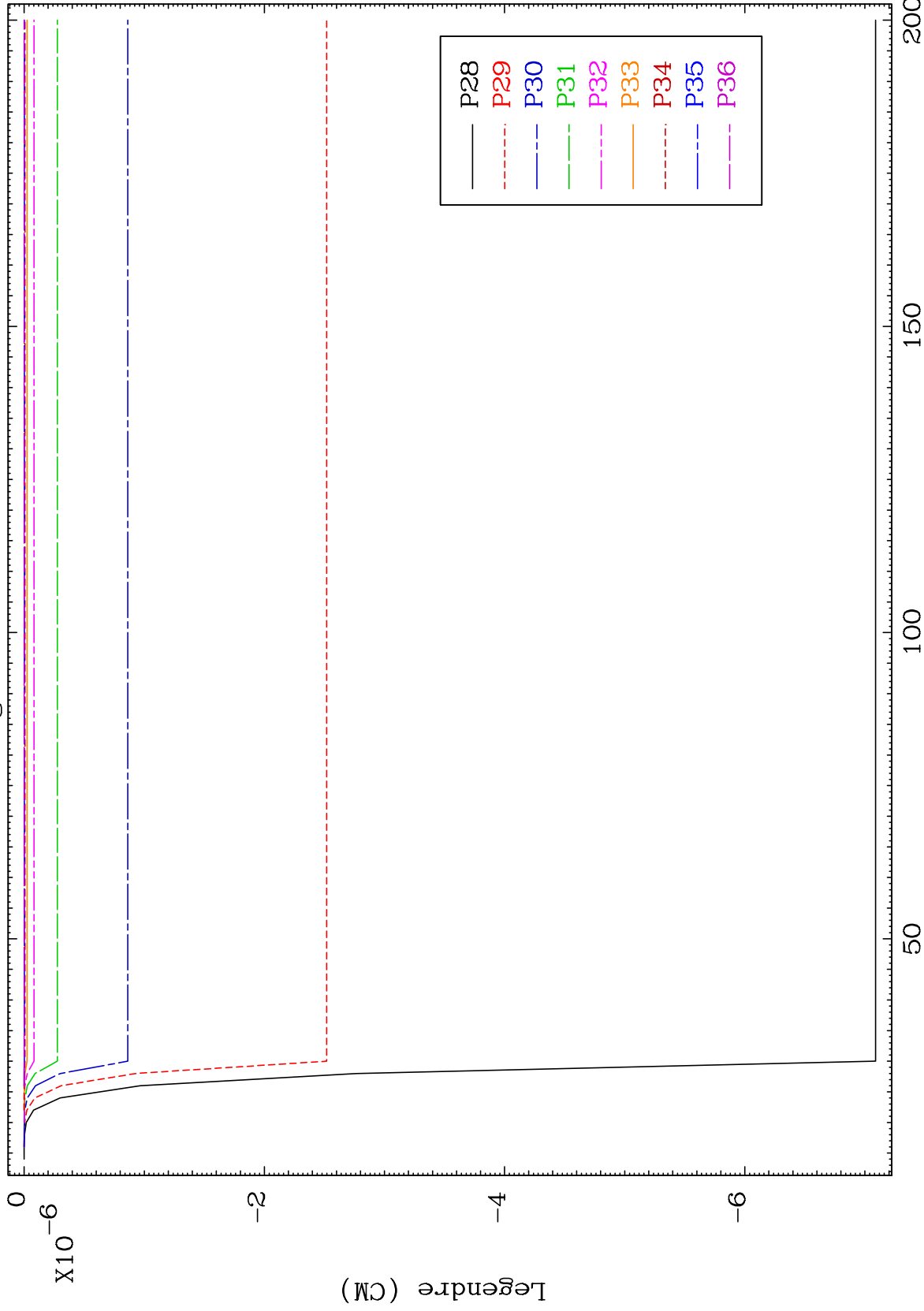
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



91

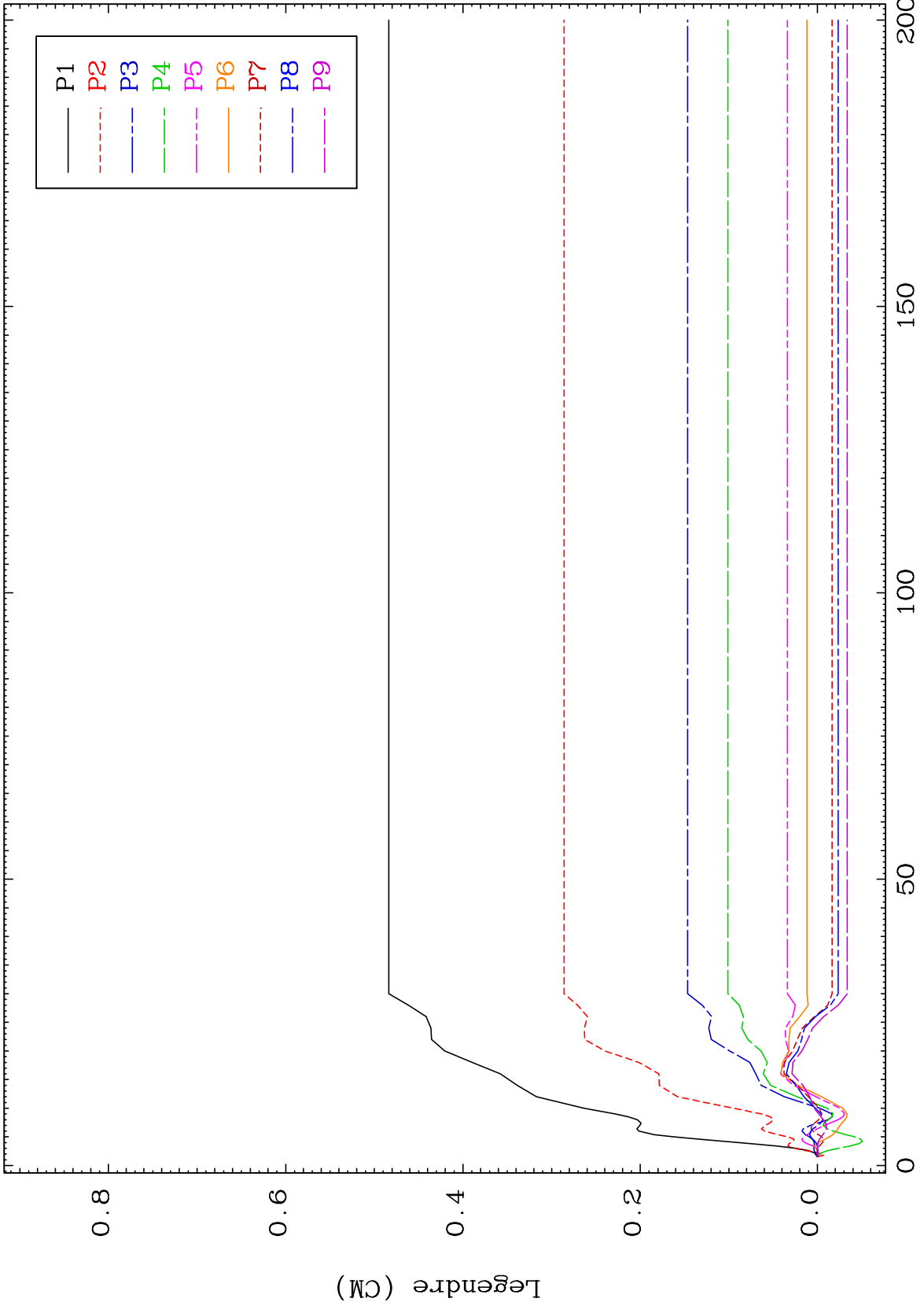
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



92

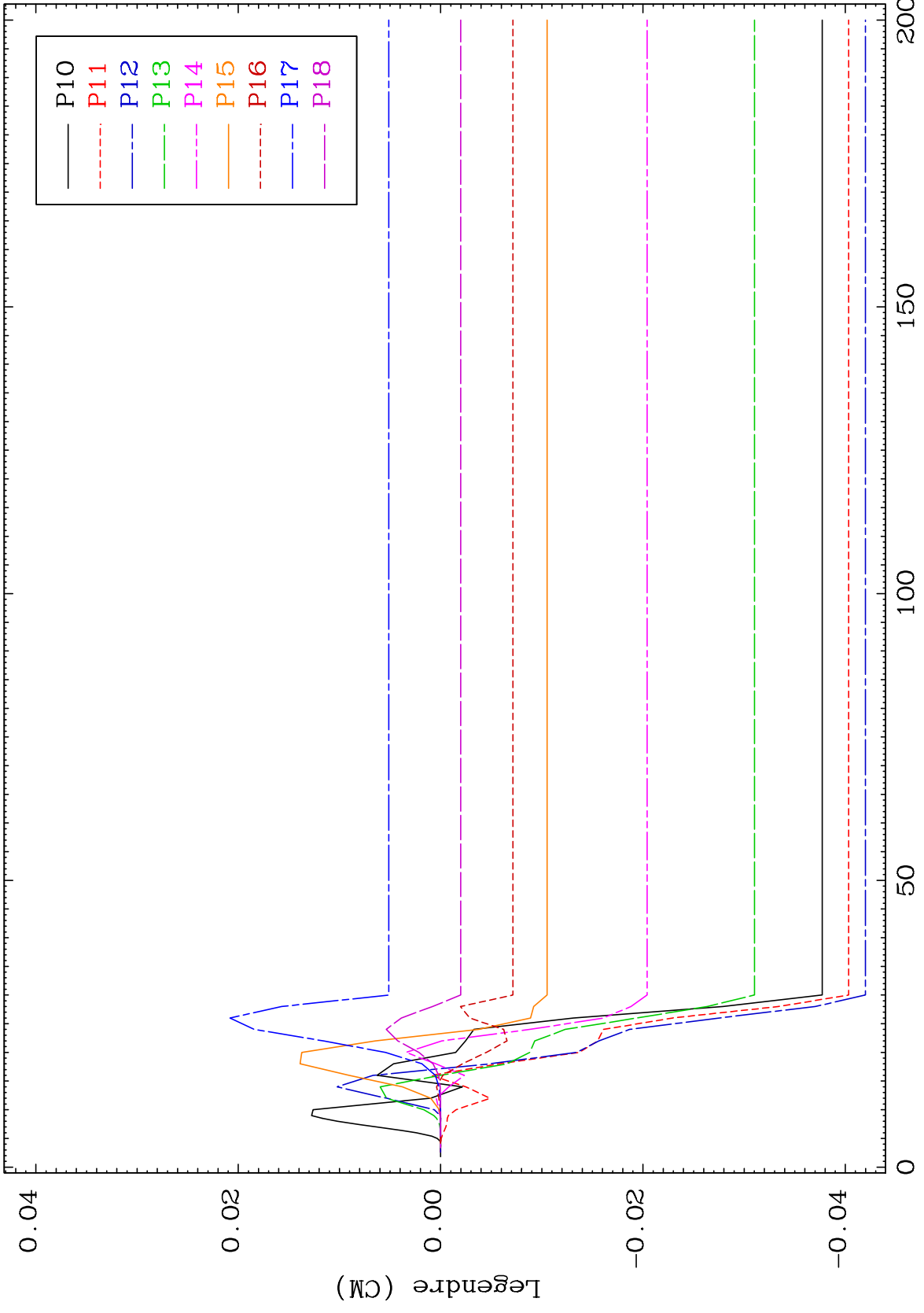
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



93

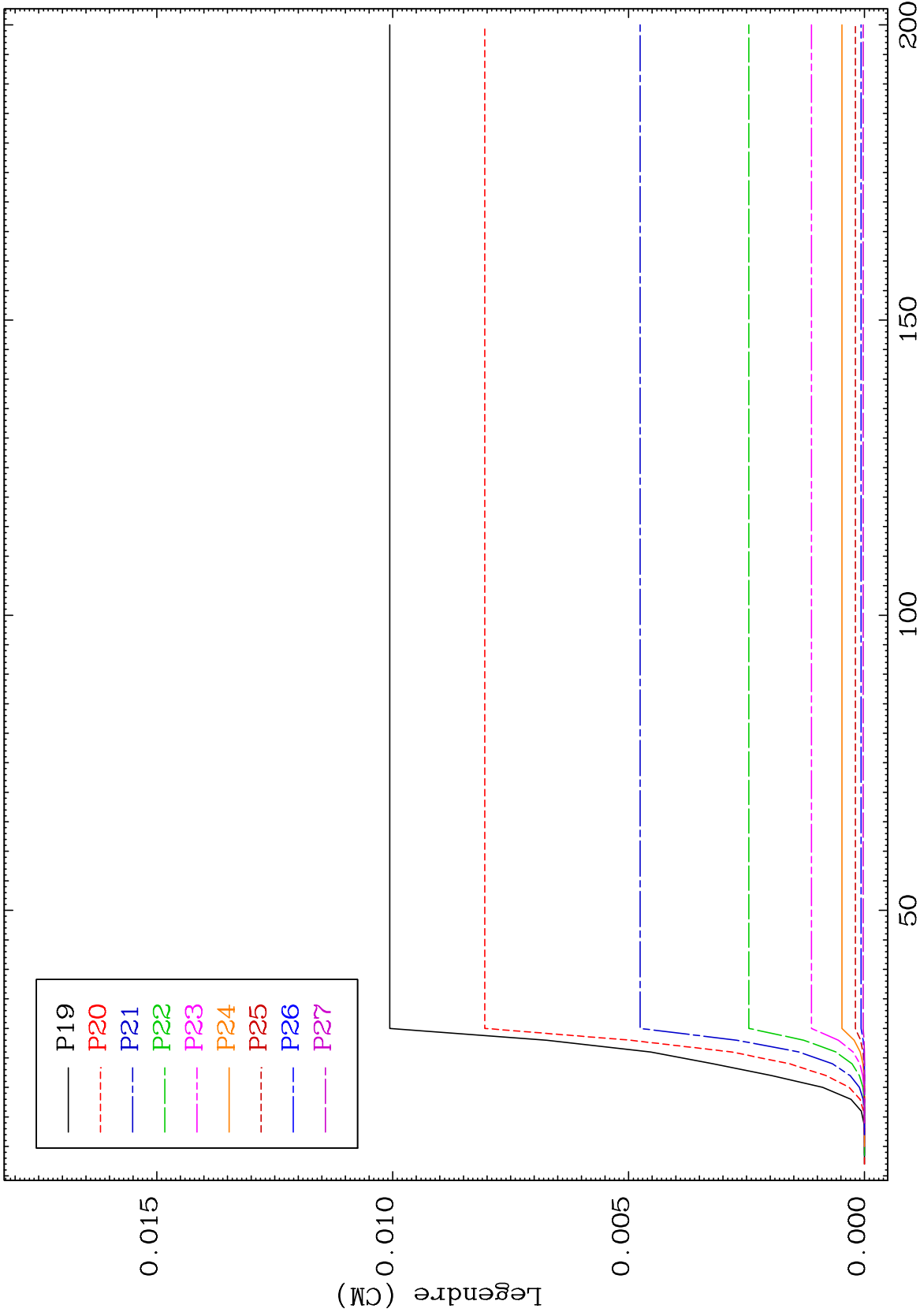
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



94

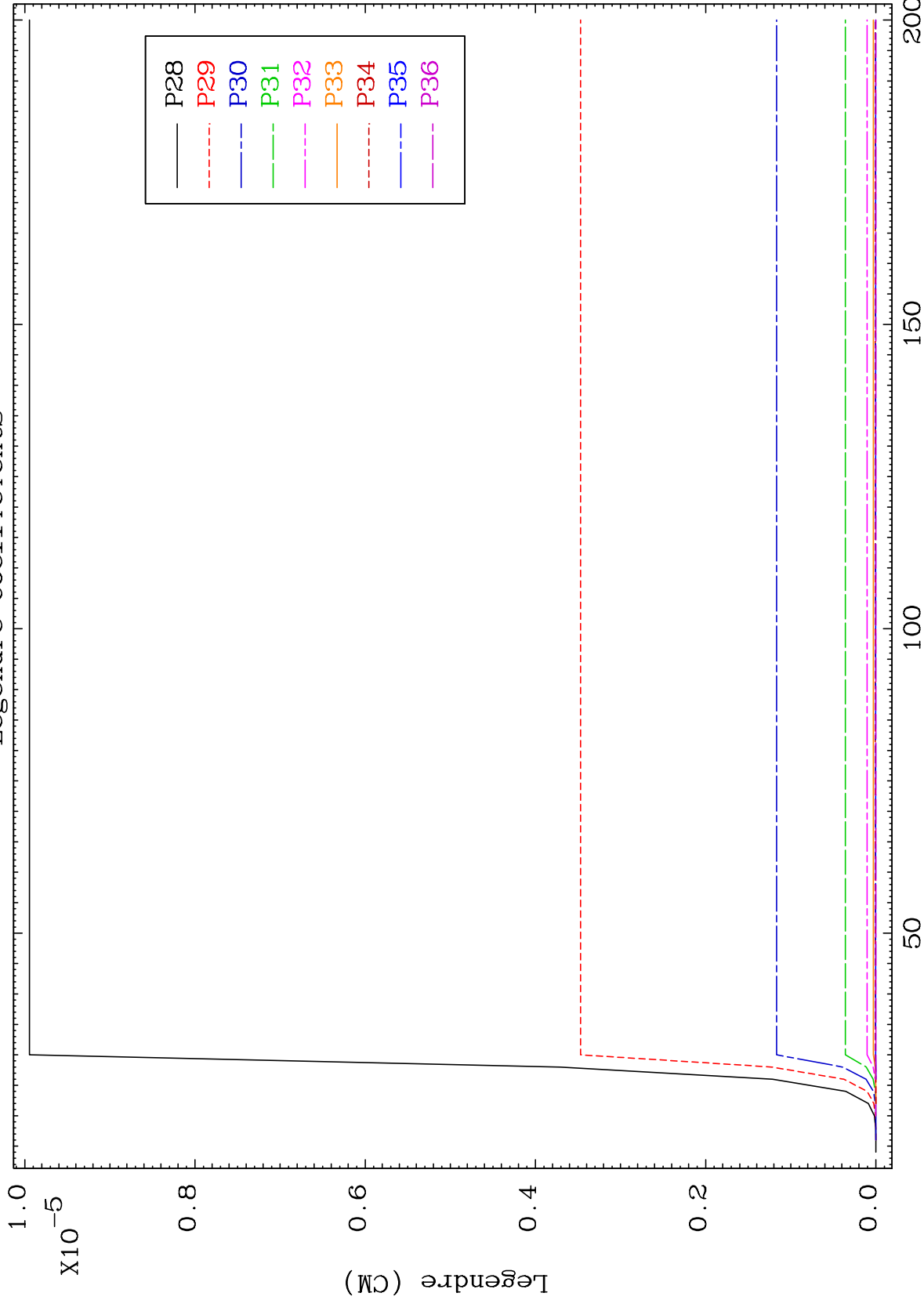
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



95

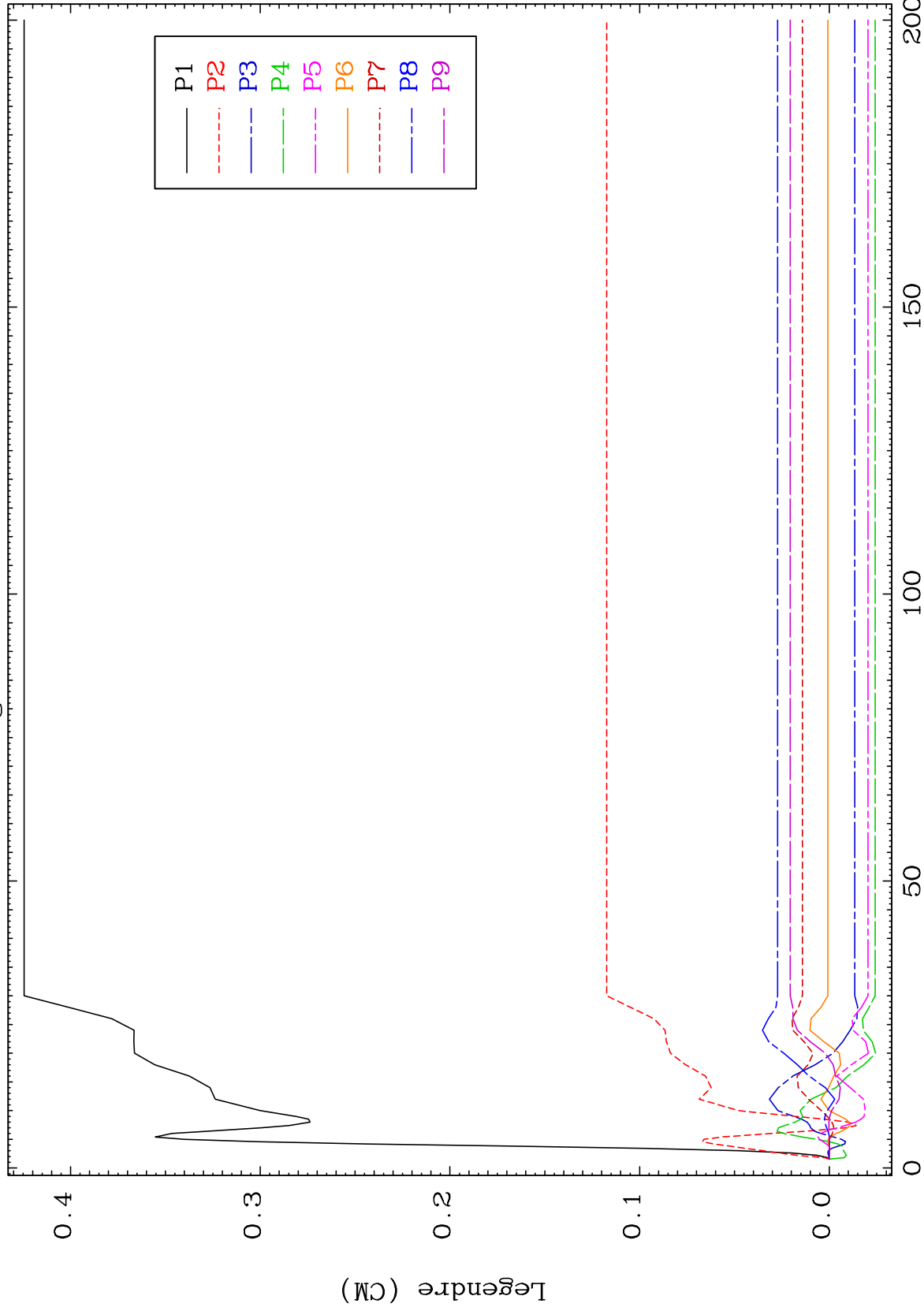
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



96

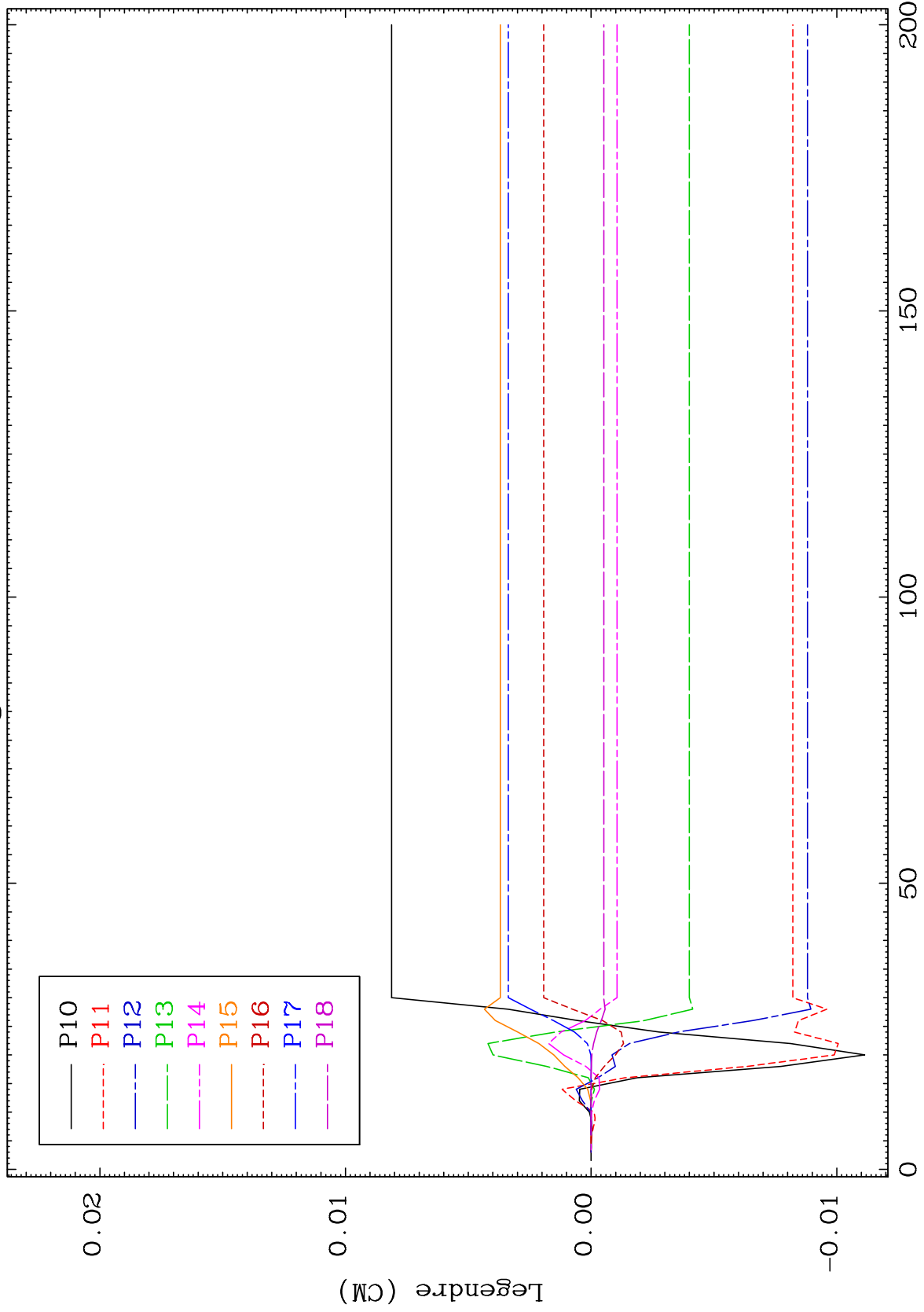
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

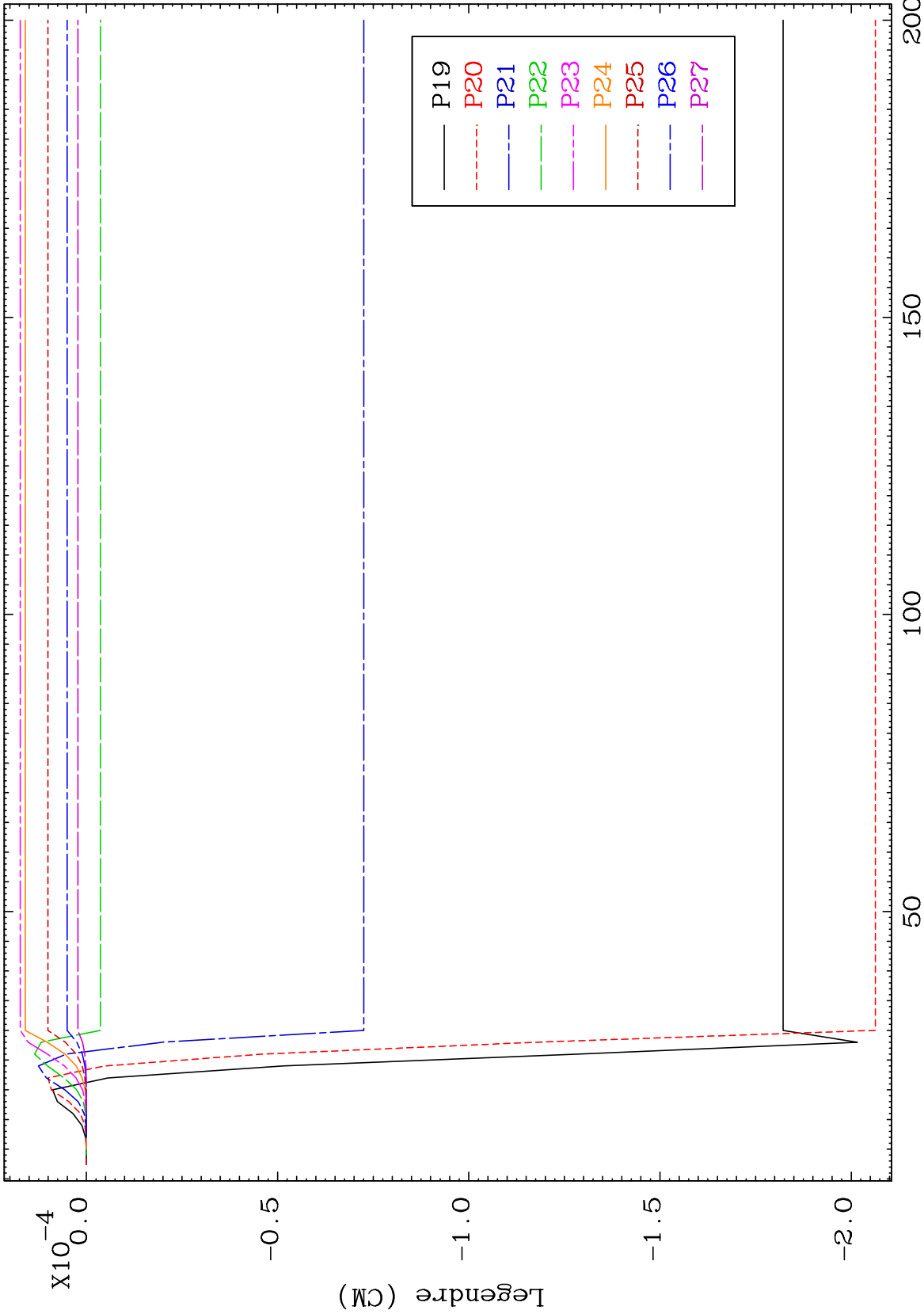
66-Dy-156



MAT 6625

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

66-Dy-156



98

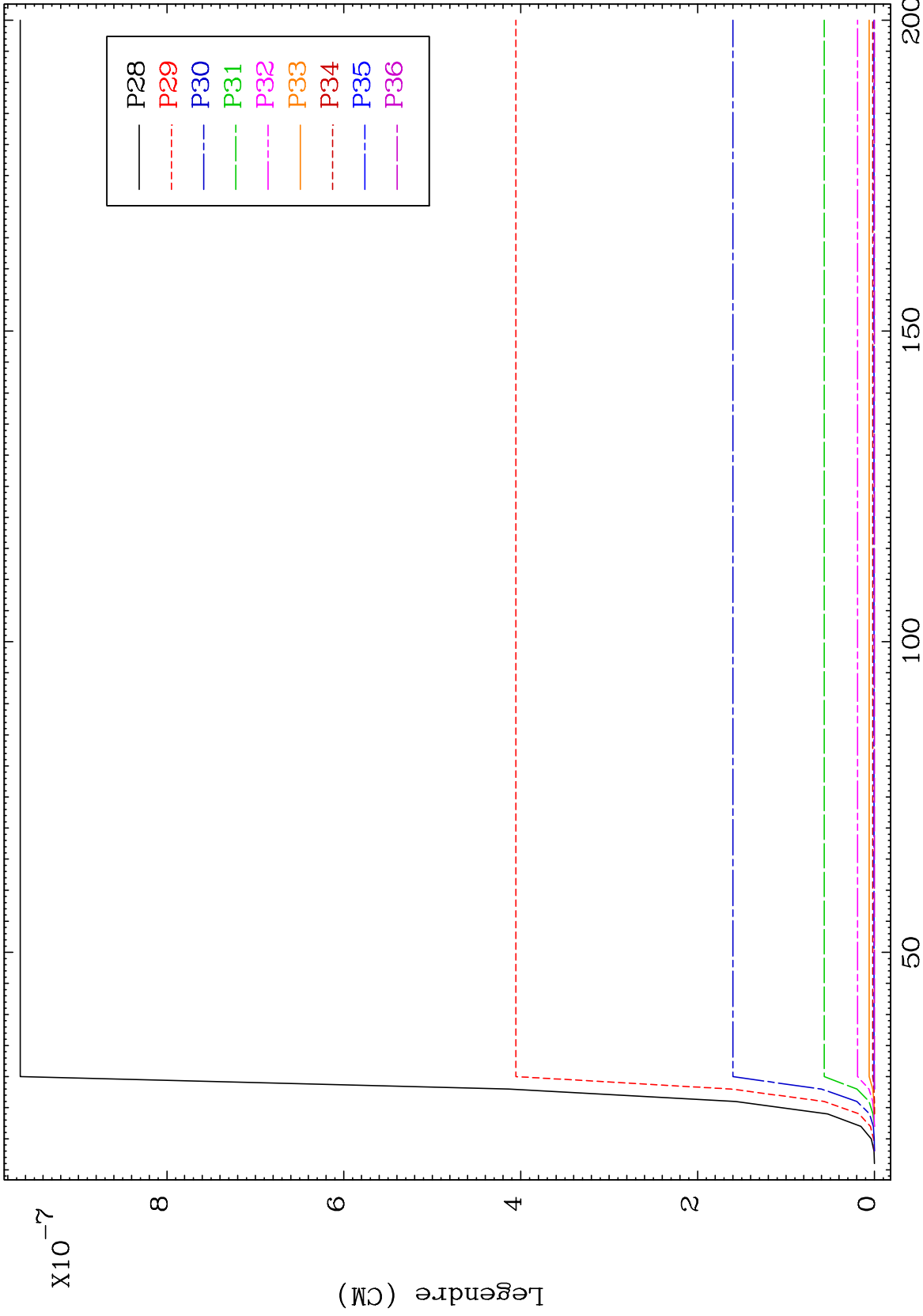
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



99

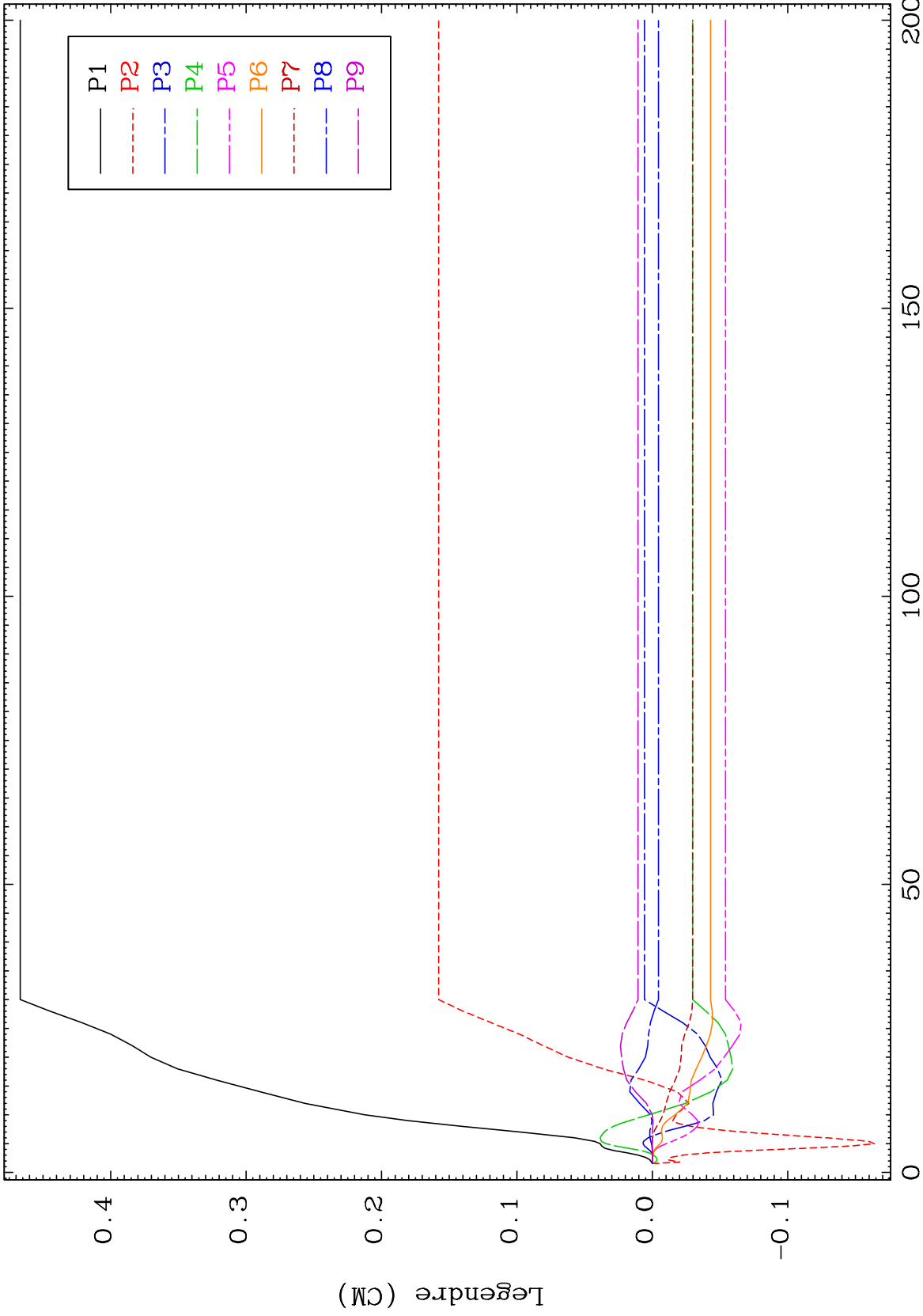
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



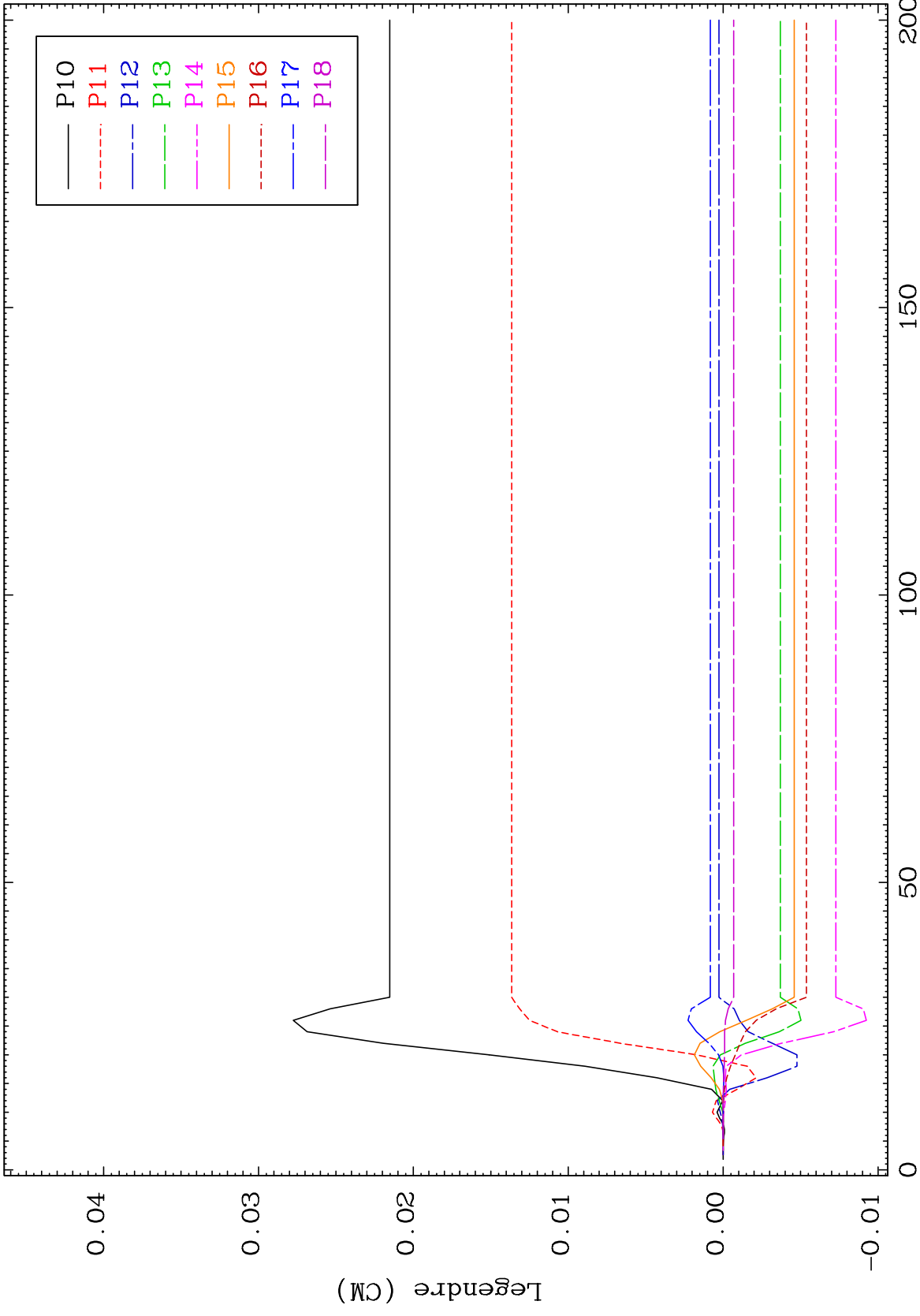
66-Dy-156

Incident Energy (MeV)

MAT 6625

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

66-Dy-156



101

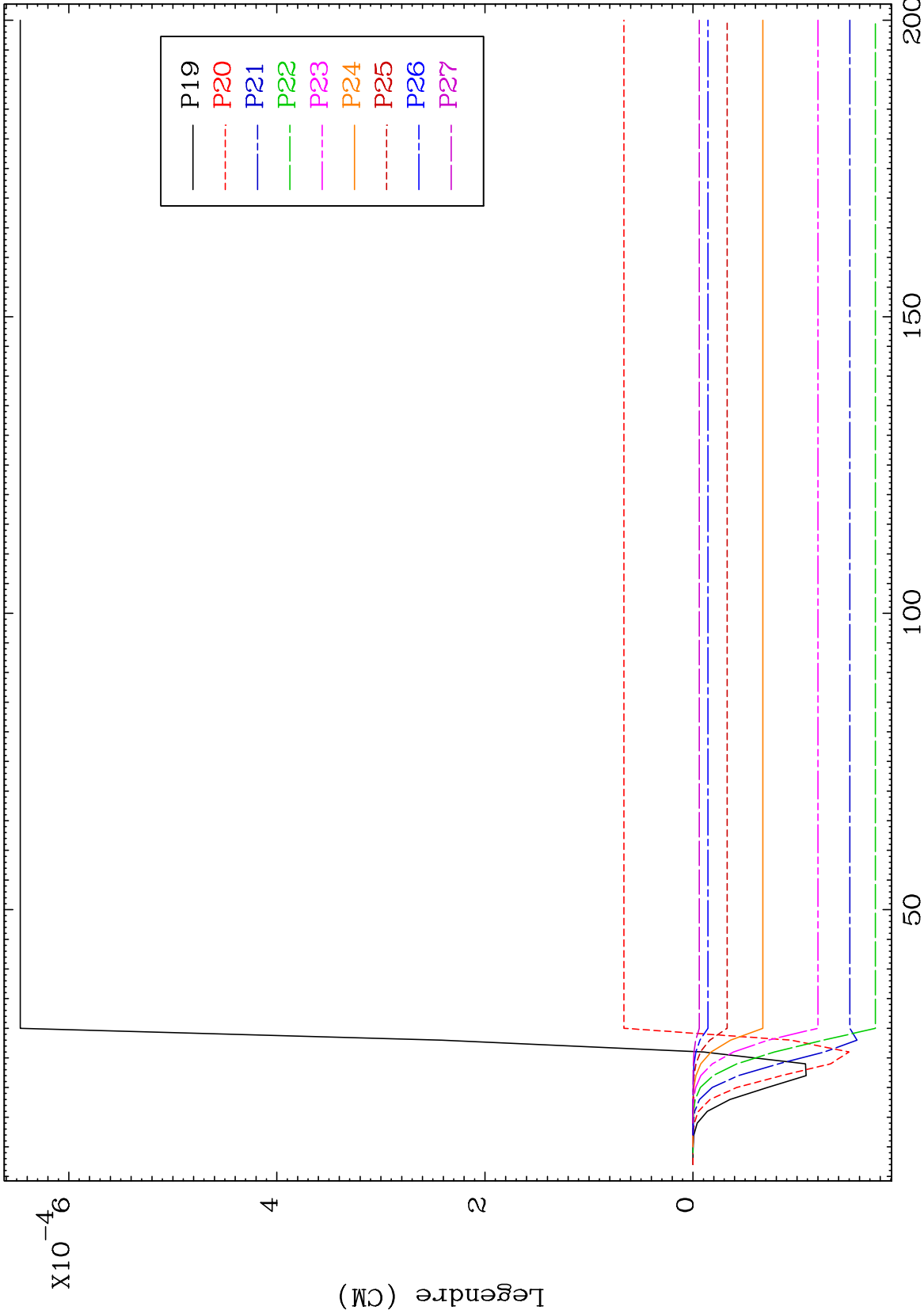
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



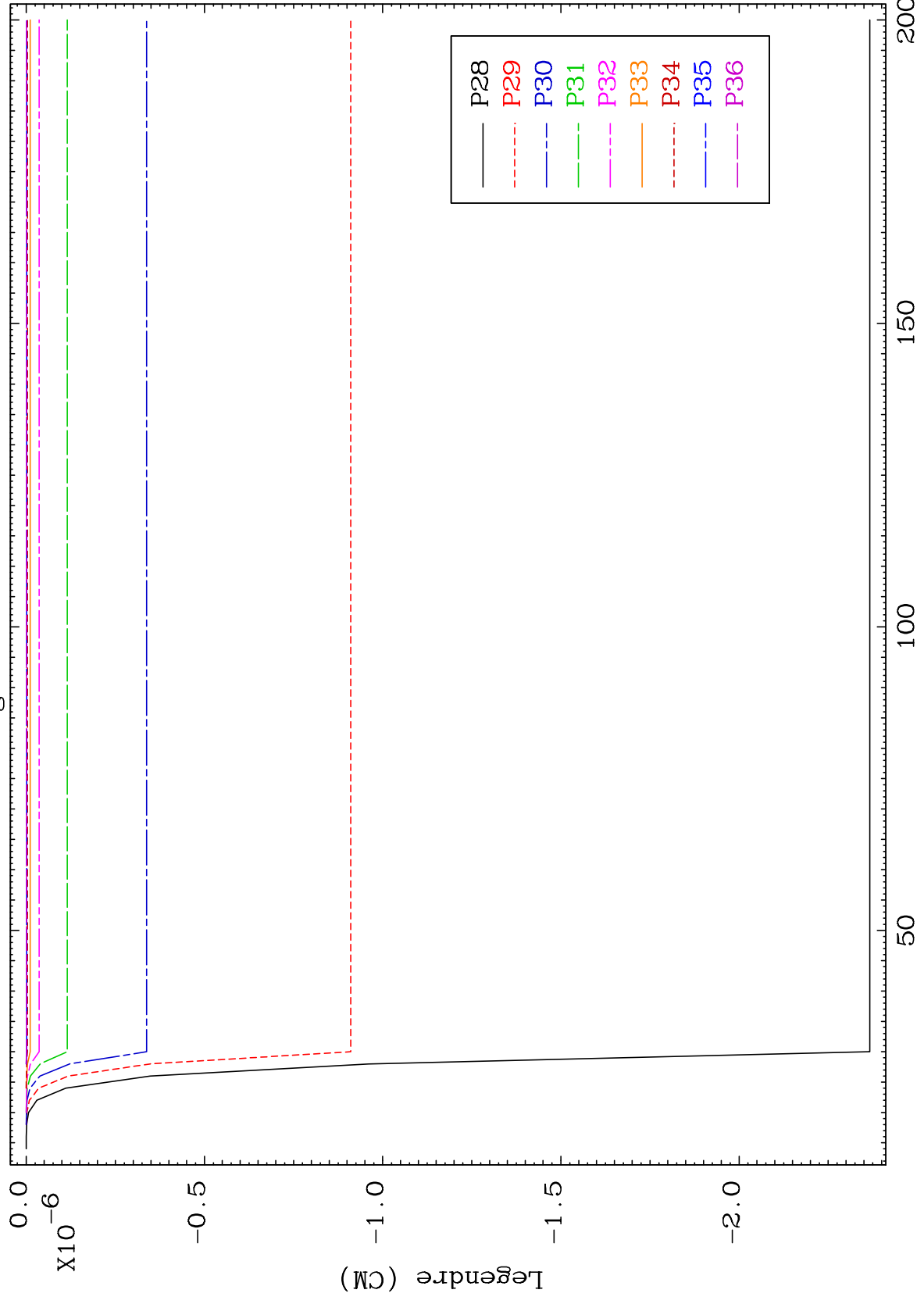
102

66-Dy-156

MAT 6625

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

66-Dy-156



66-Dy-156

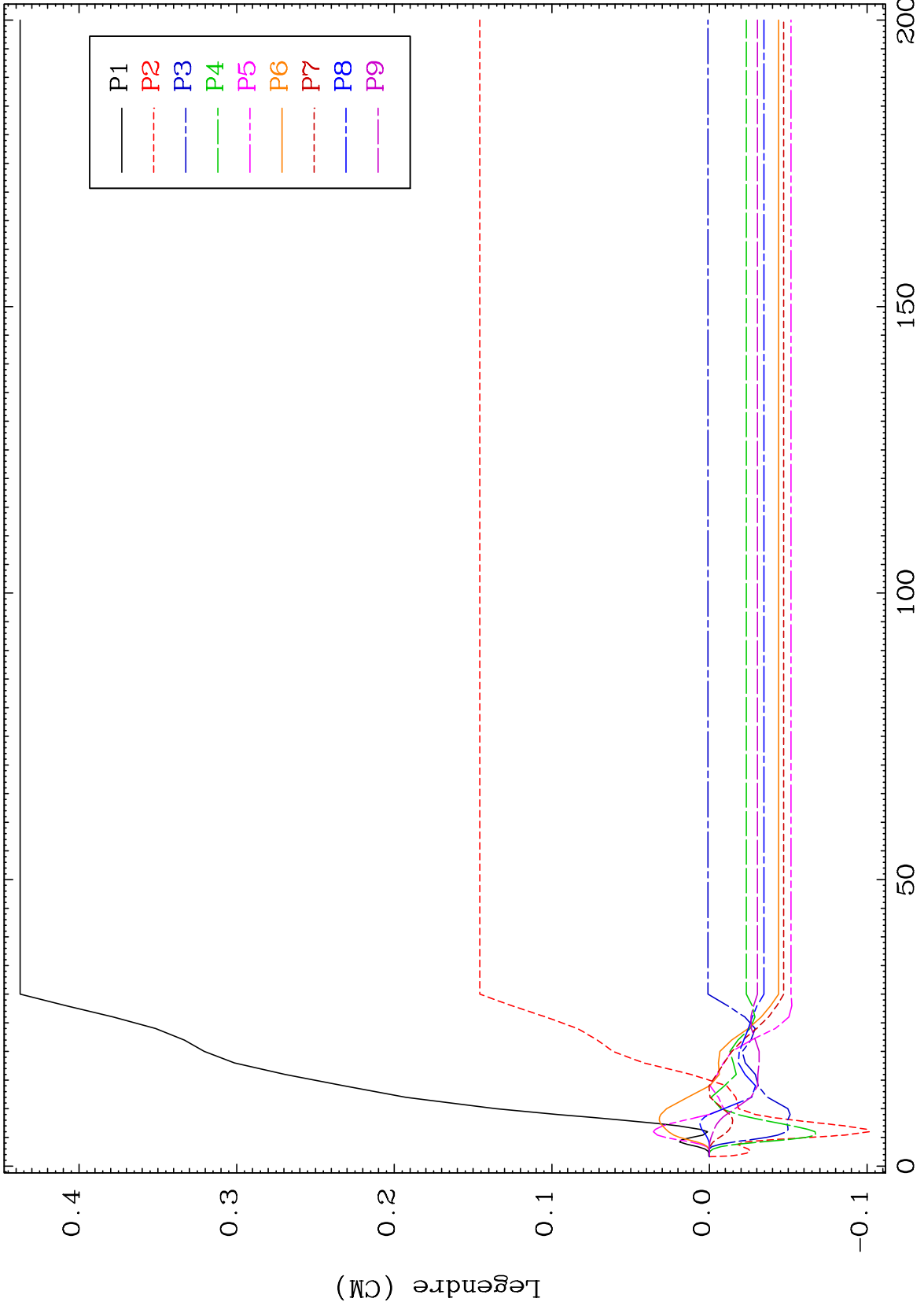
Incident Energy (MeV)

103

MAT 6625

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

66-Dy-156



66-Dy-156

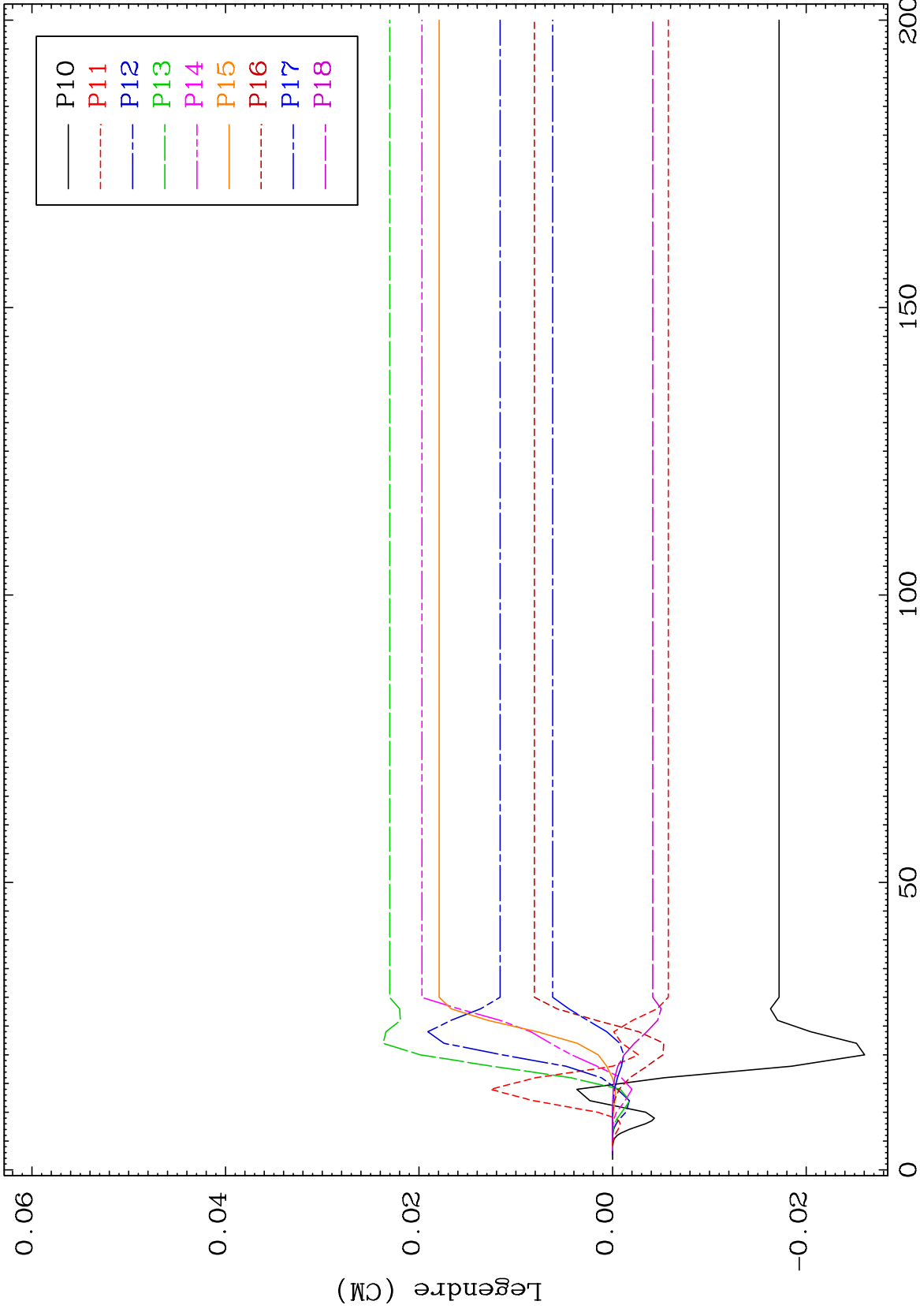
Incident Energy (MeV)

104

MAT 6625

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

66-Dy-156



66-Dy-156

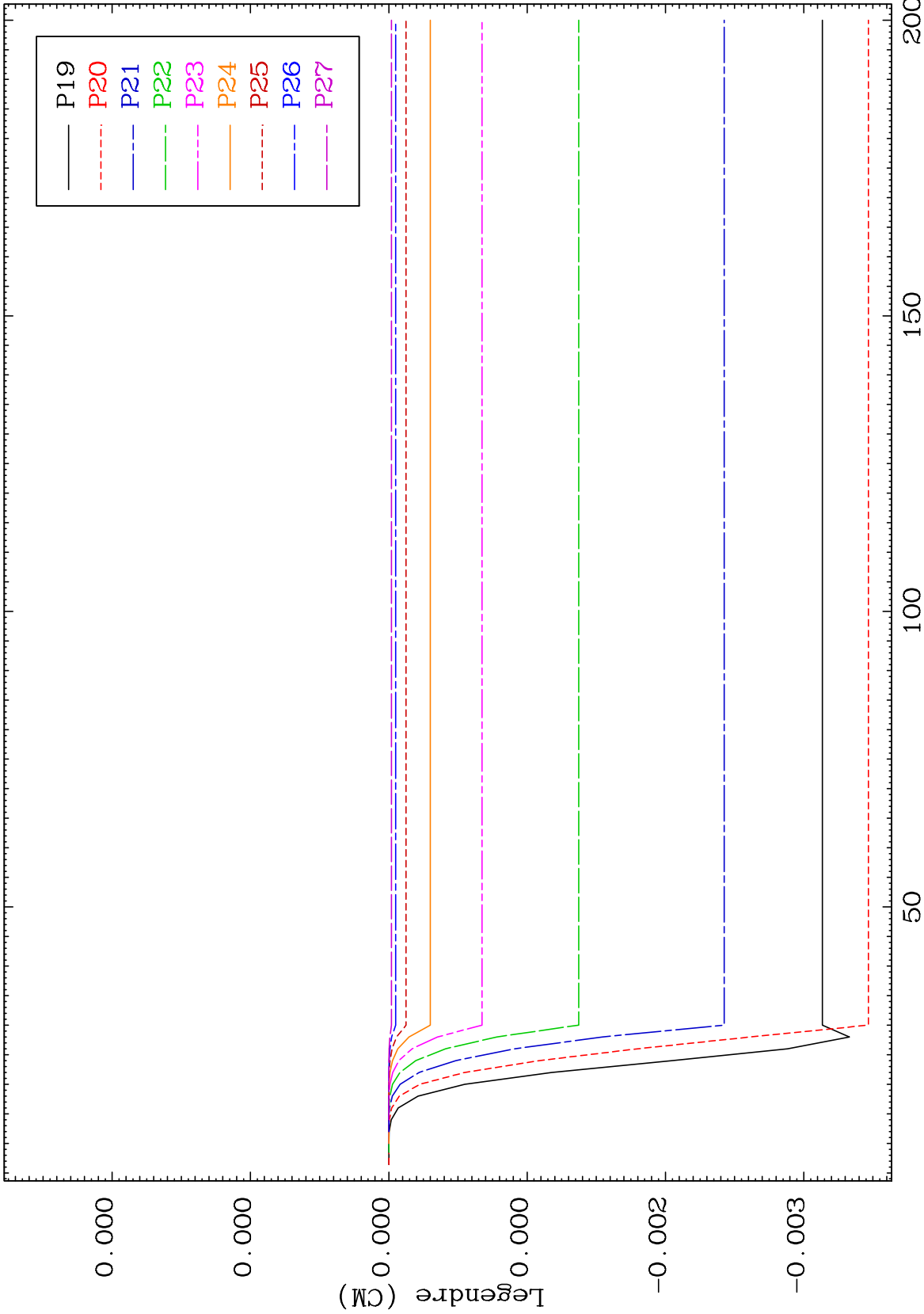
Incident Energy (MeV)

105

MAT 6625

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

66-Dy-156



106

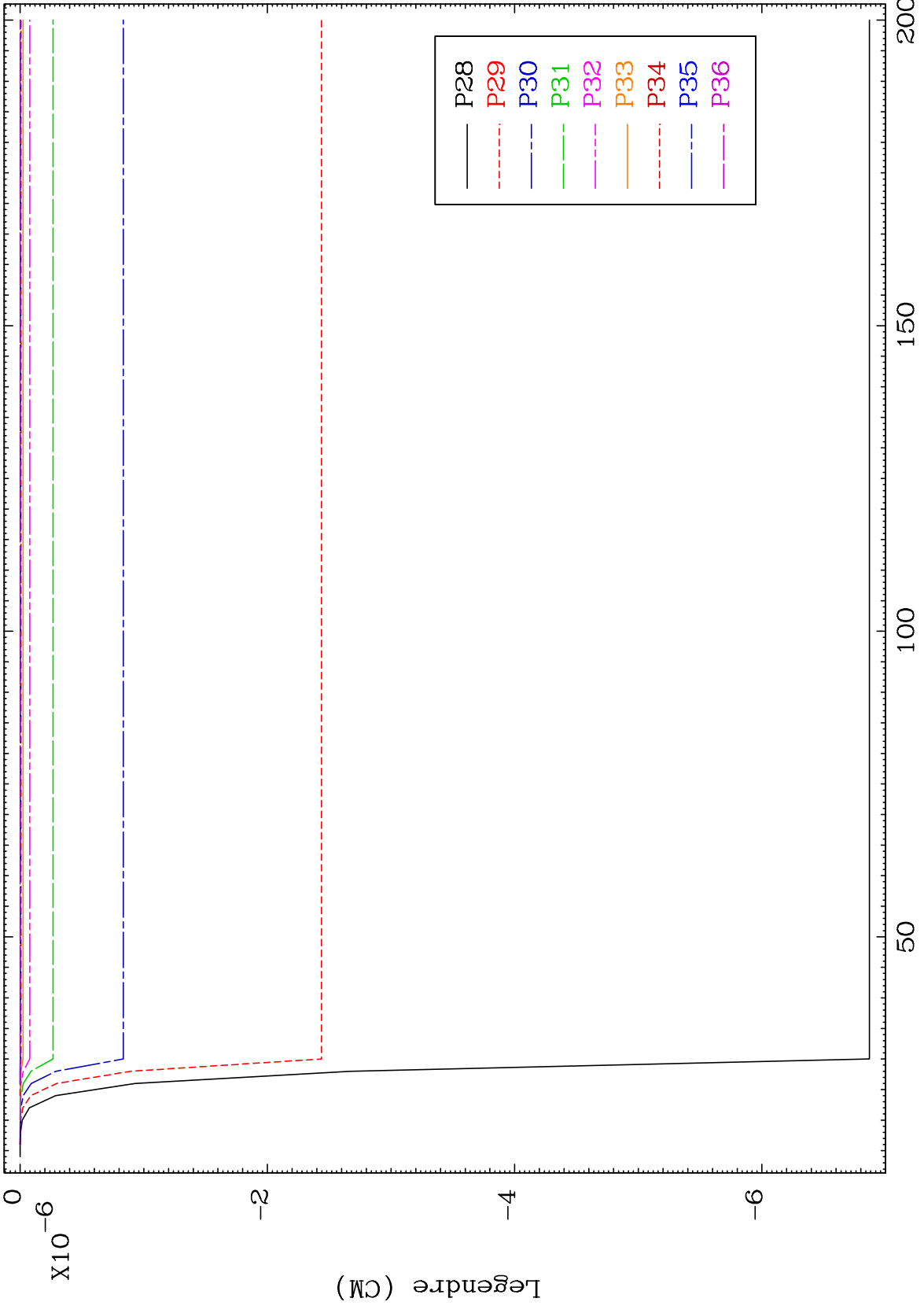
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



66-Dy-156

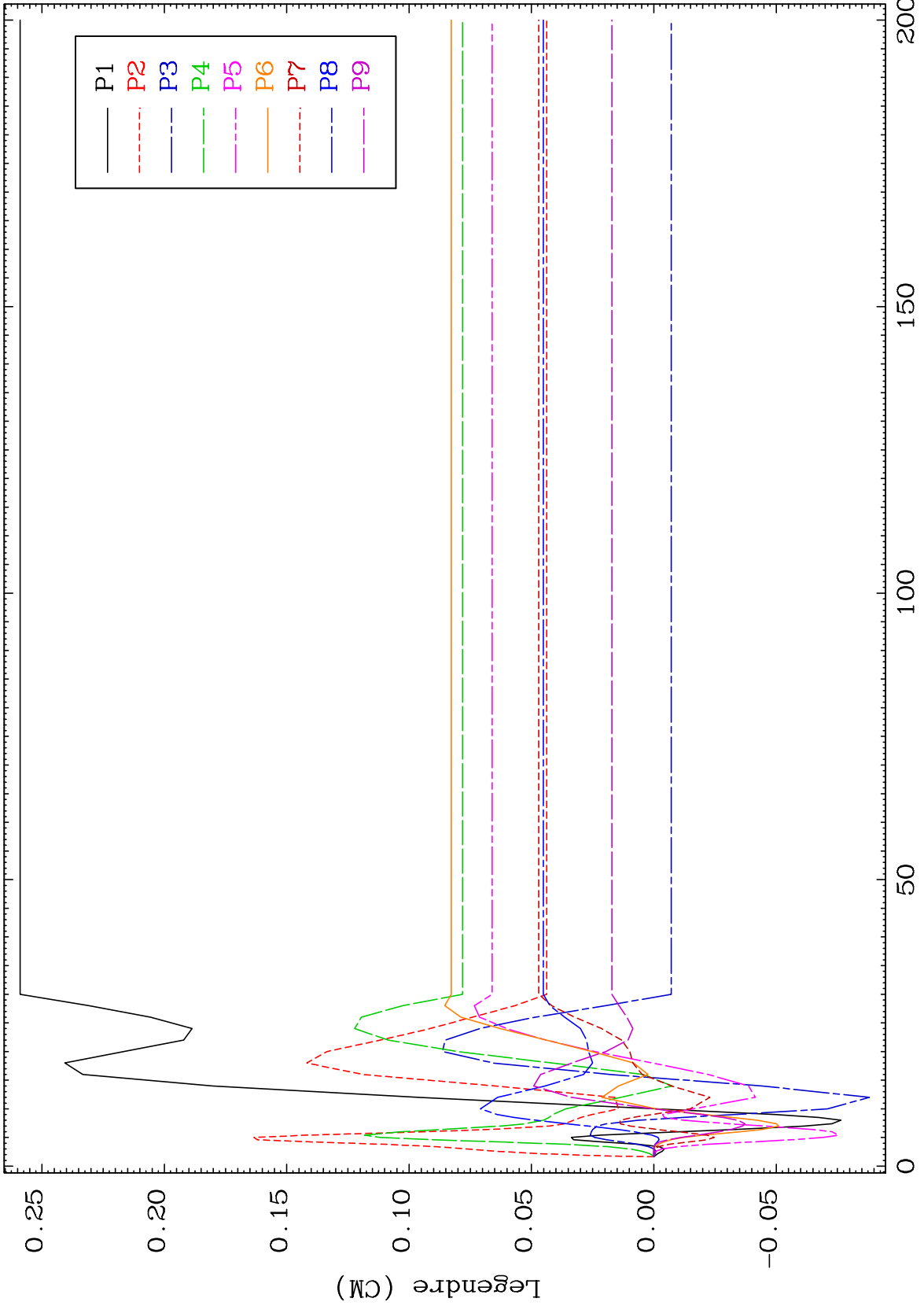
Incident Energy (MeV)

107

MAT 6625

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

66-Dy-156



108

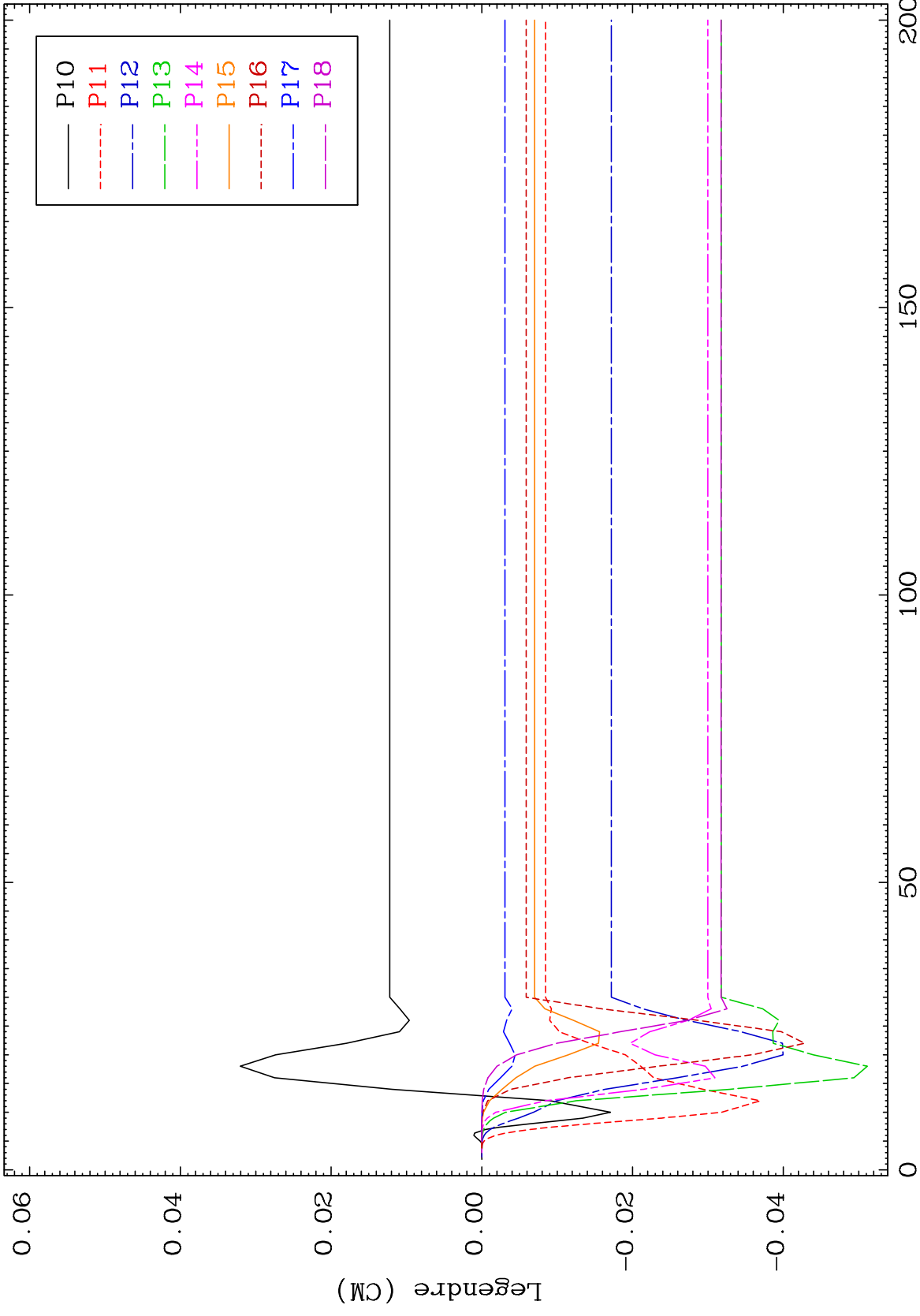
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



109

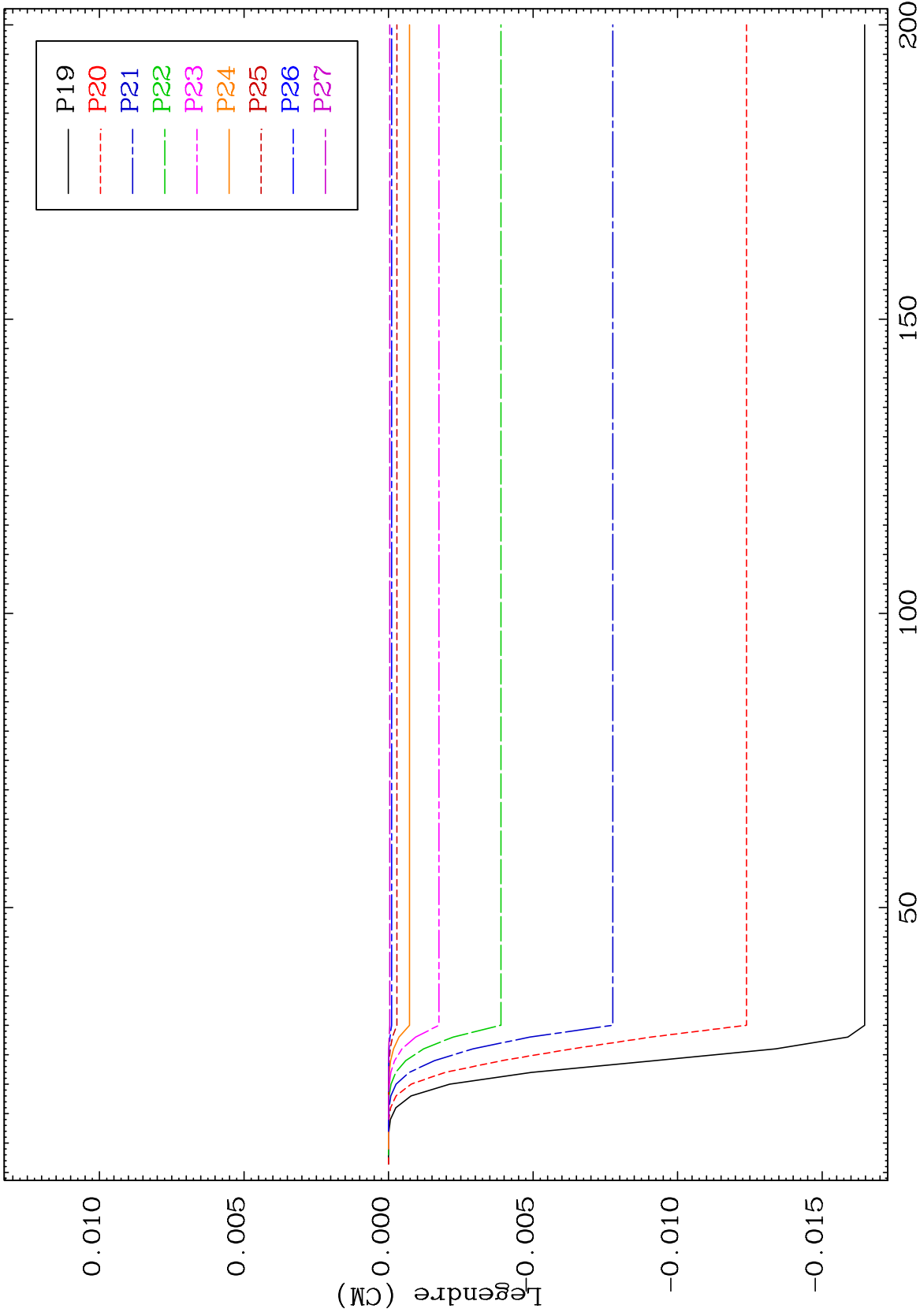
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



110

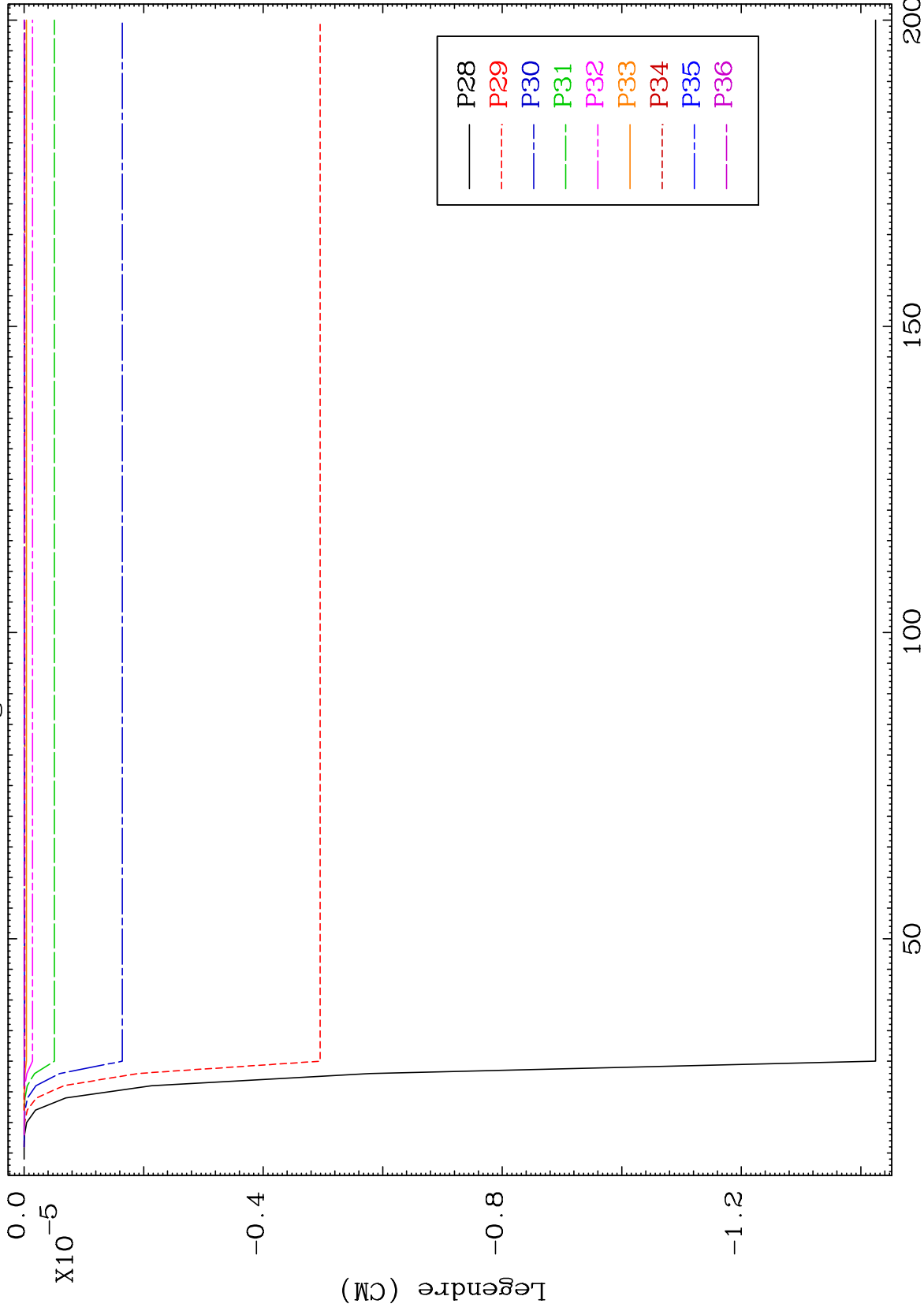
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



111

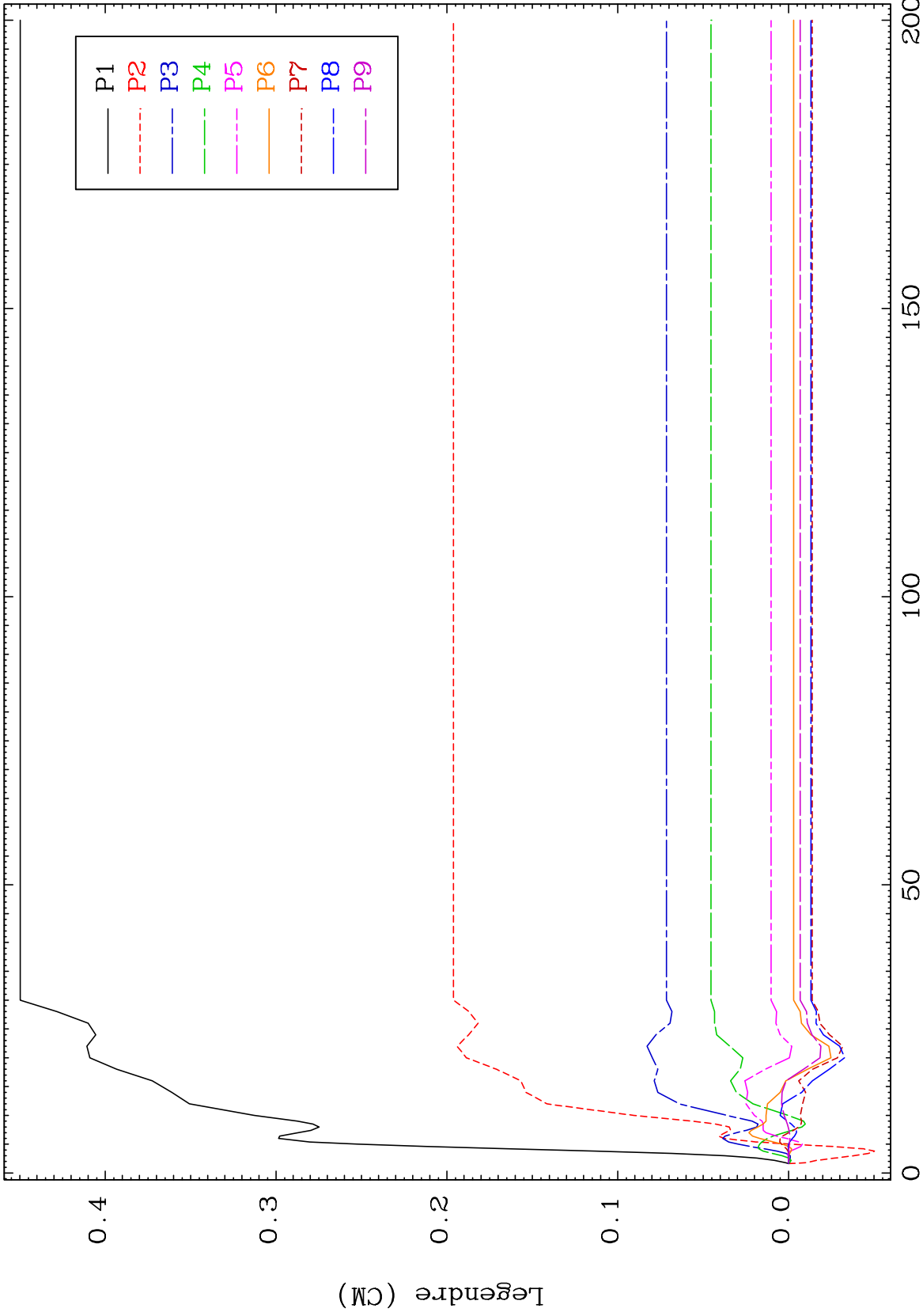
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156

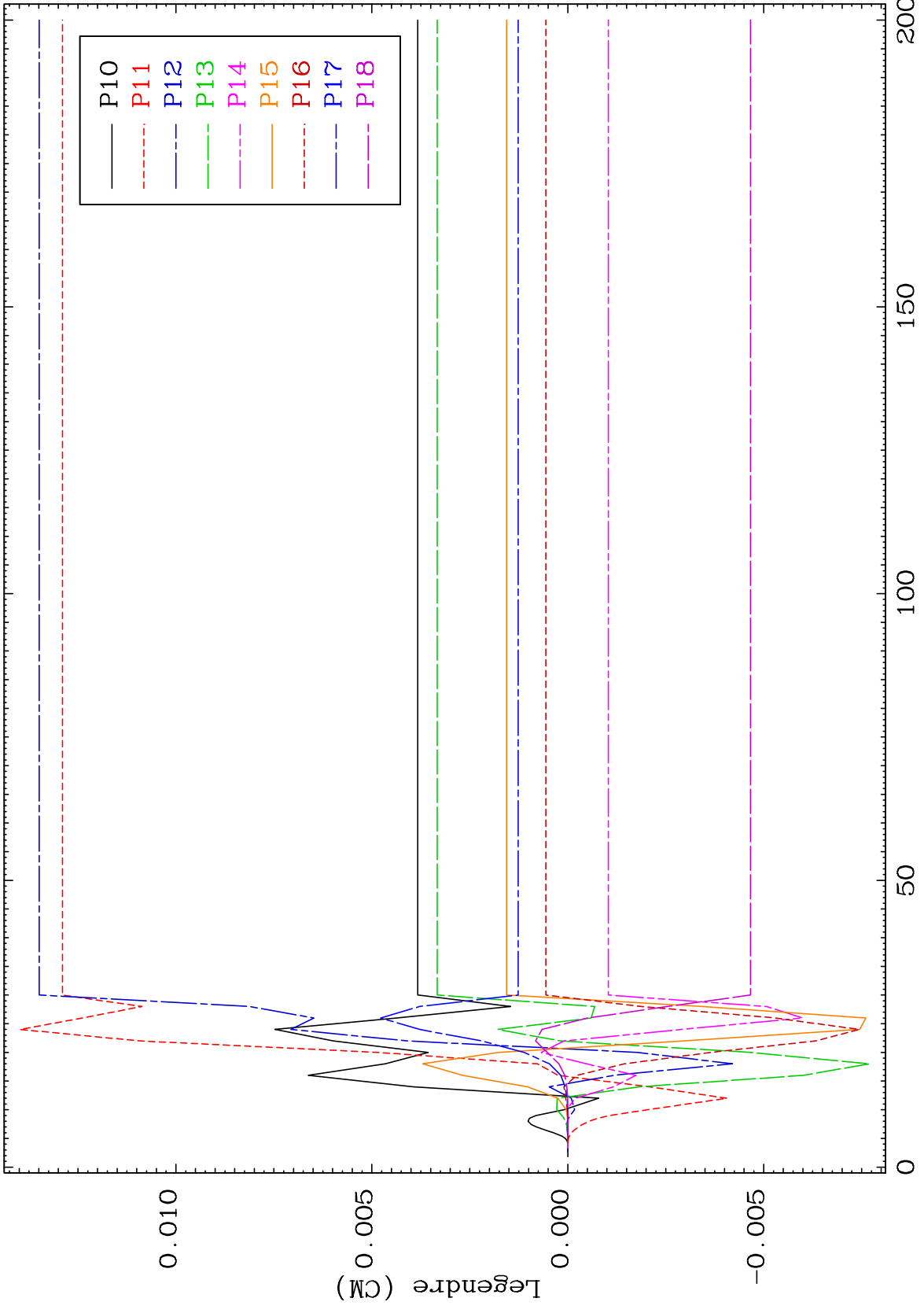


112

Incident Energy (MeV)

66-Dy-156

MAT 6625 MT= 75 (n,n') Level Legendre Coefficients 66-Dy-156

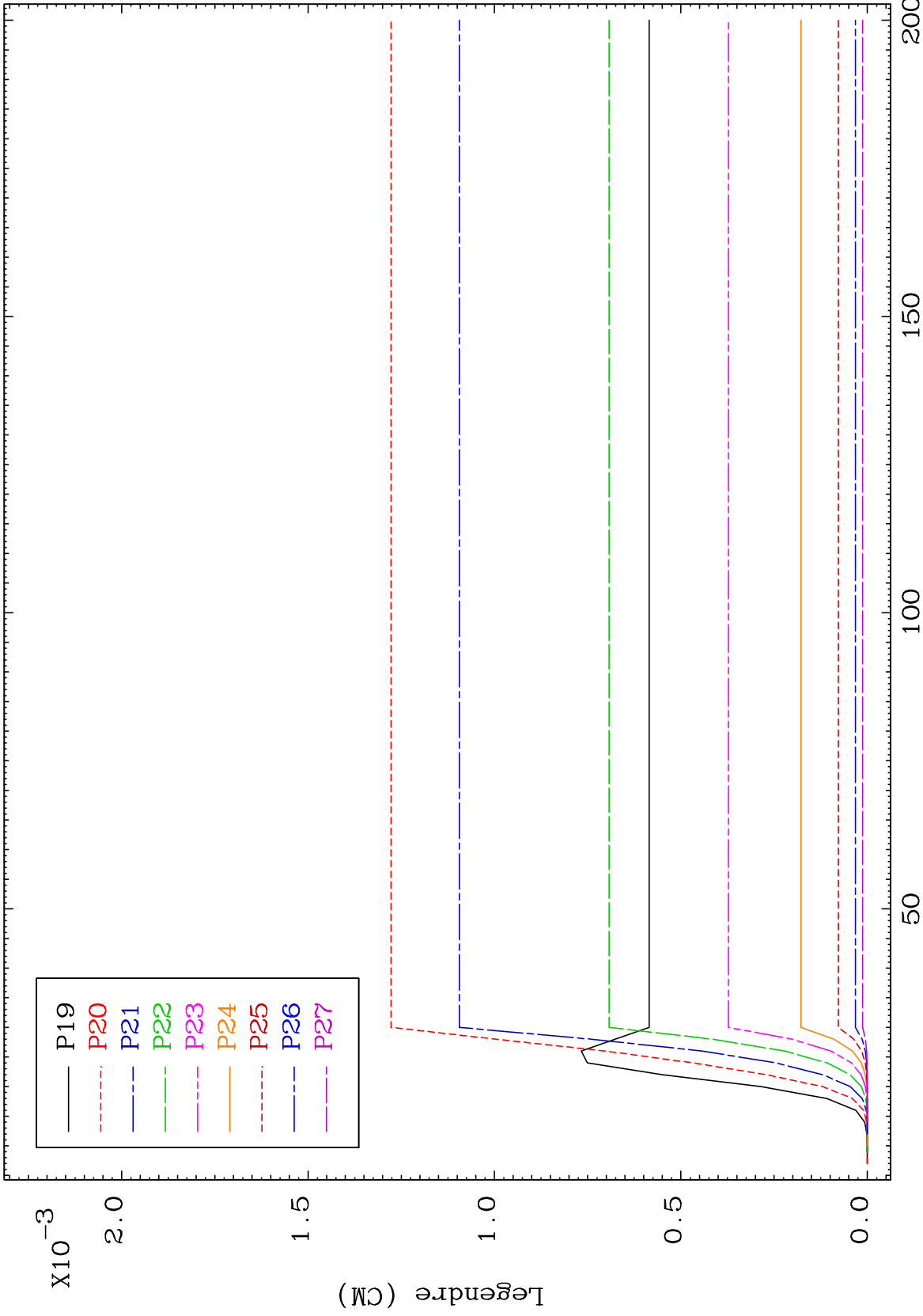


113 66-Dy-156

MAT 6625

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

66-Dy-156



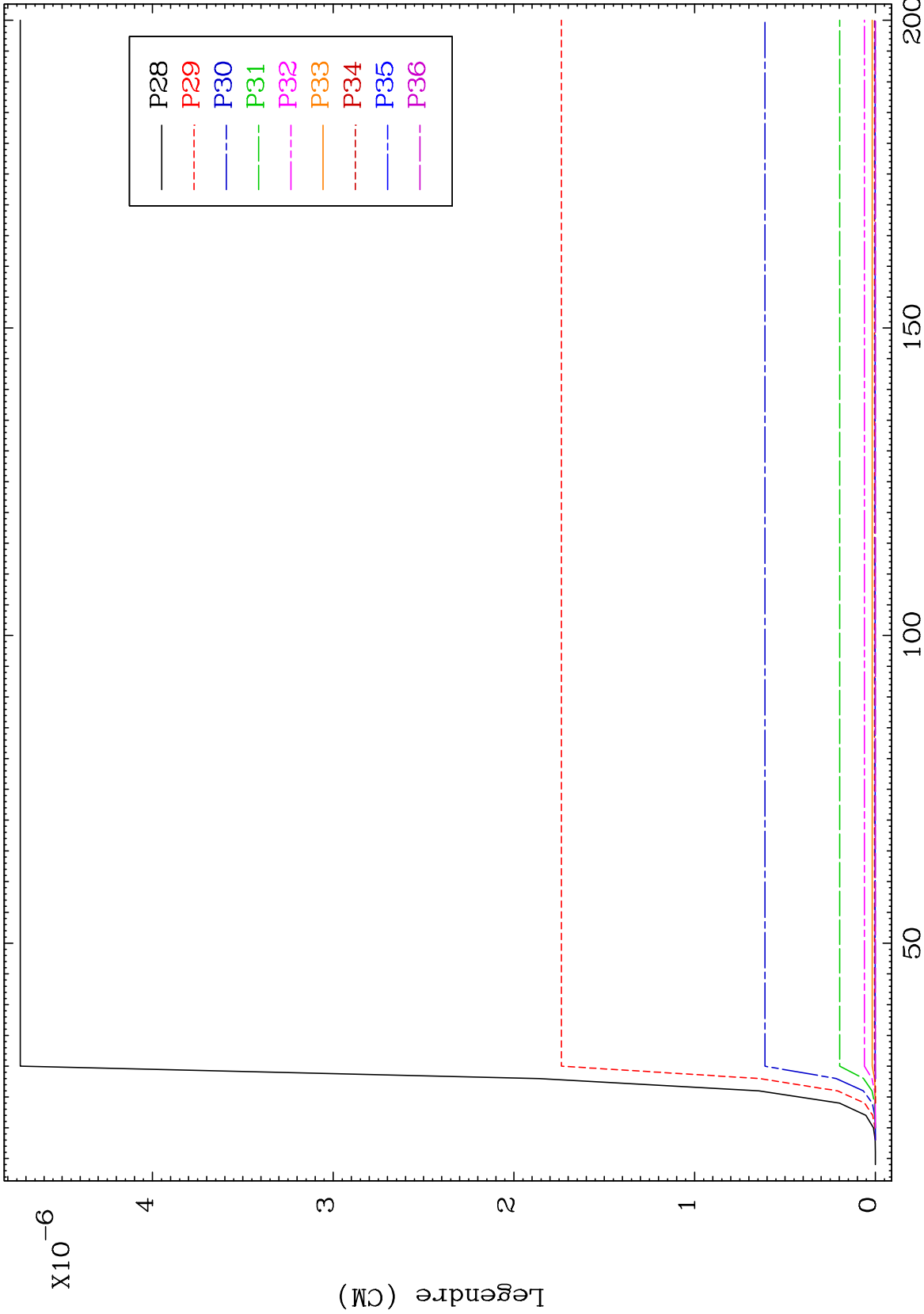
114

66-Dy-156

MAT 6625

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

66-Dy-156



115

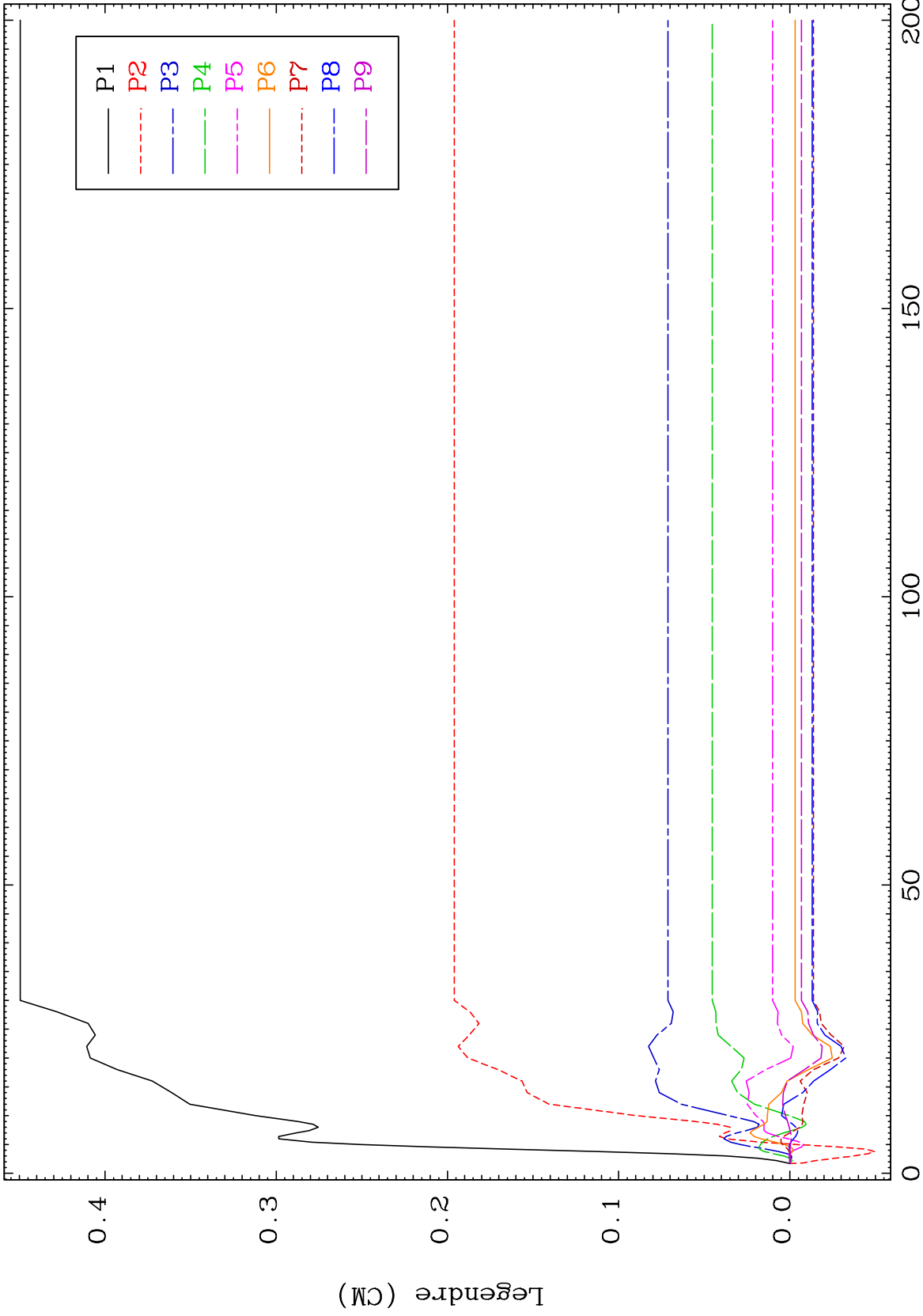
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156

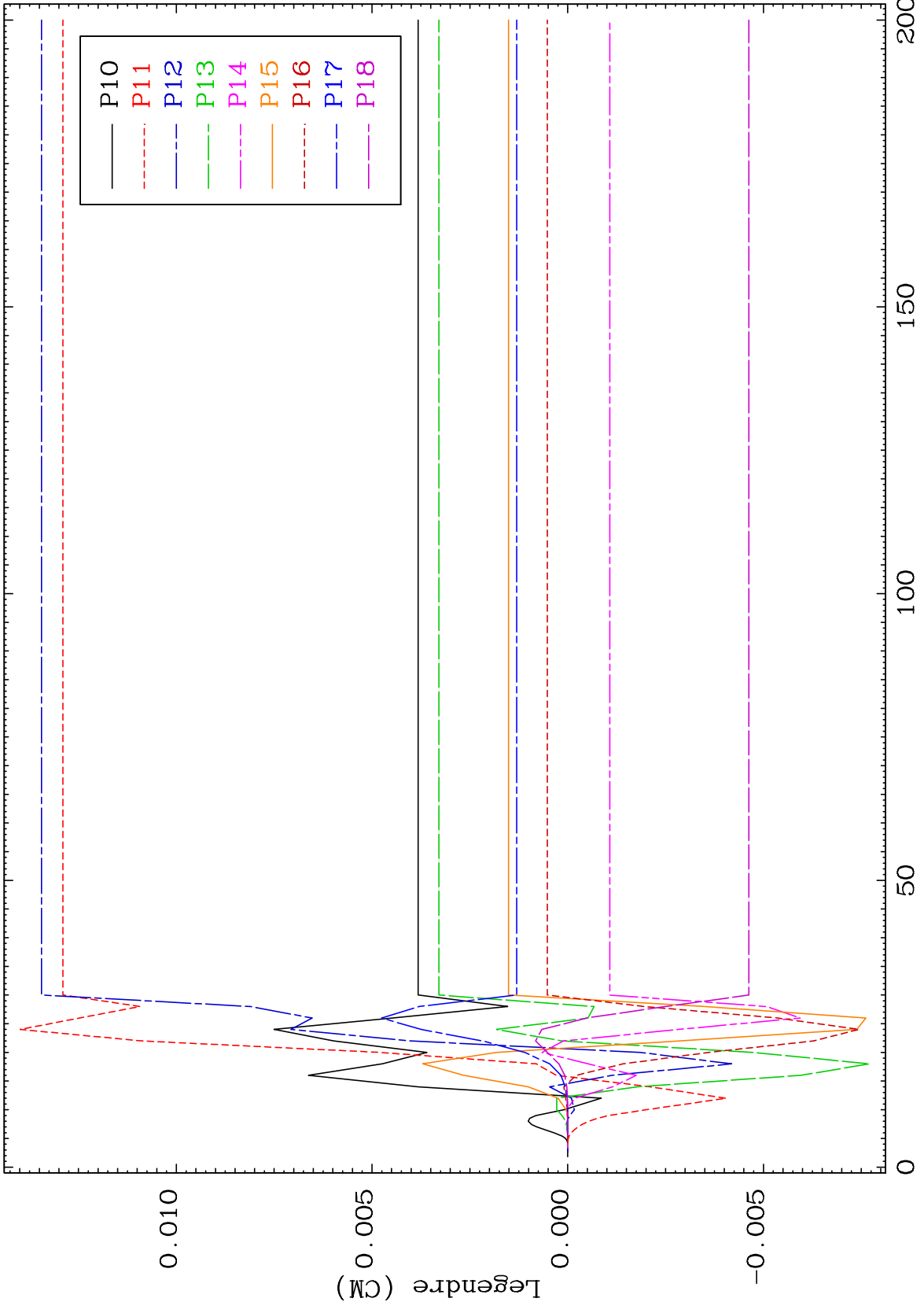


116

Incident Energy (MeV)

66-Dy-156

MAT 6625 MT= 76 (n,n') Level Legendre Coefficients 66-Dy-156

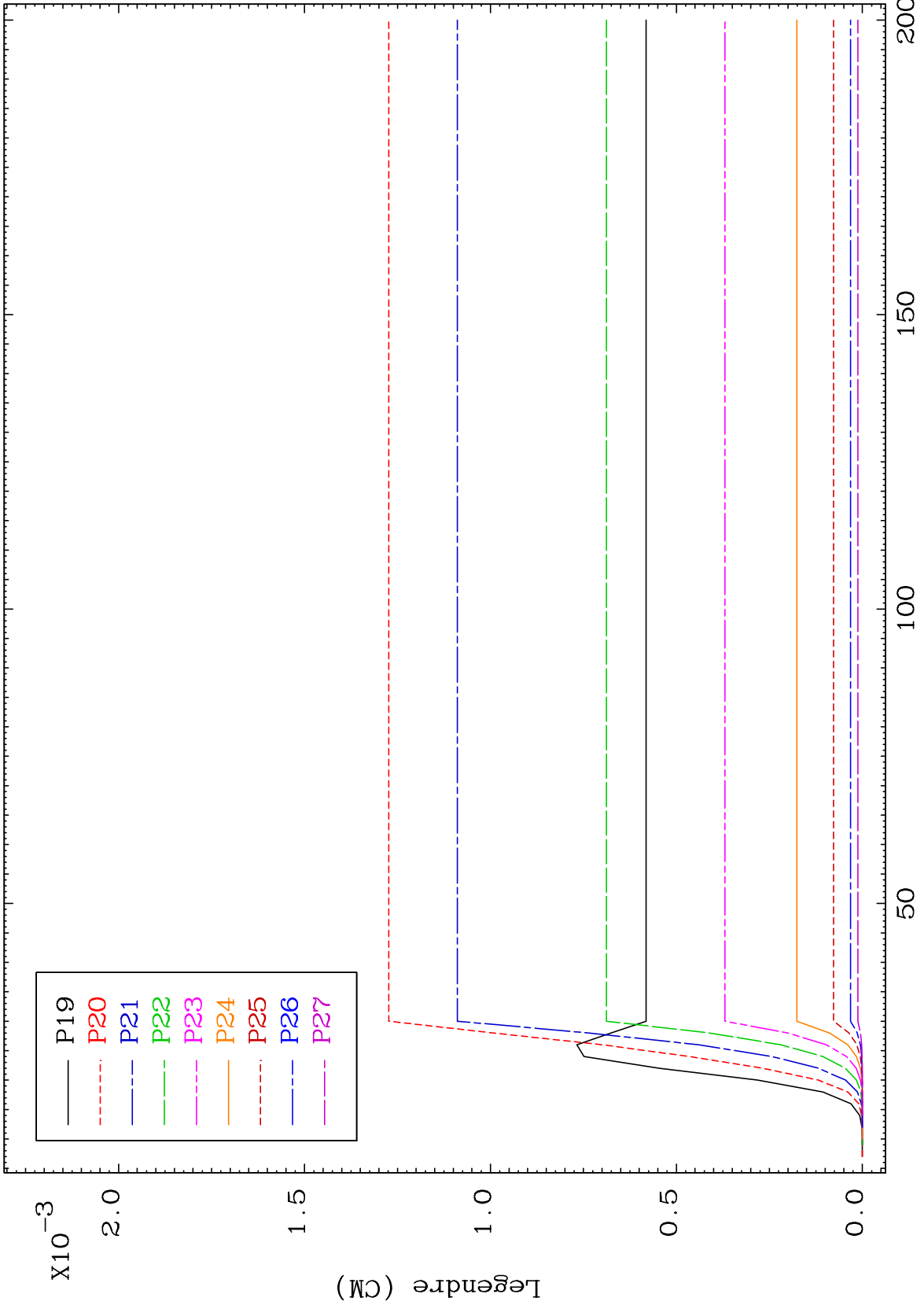


117 66-Dy-156

MAT 6625

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

66-Dy-156



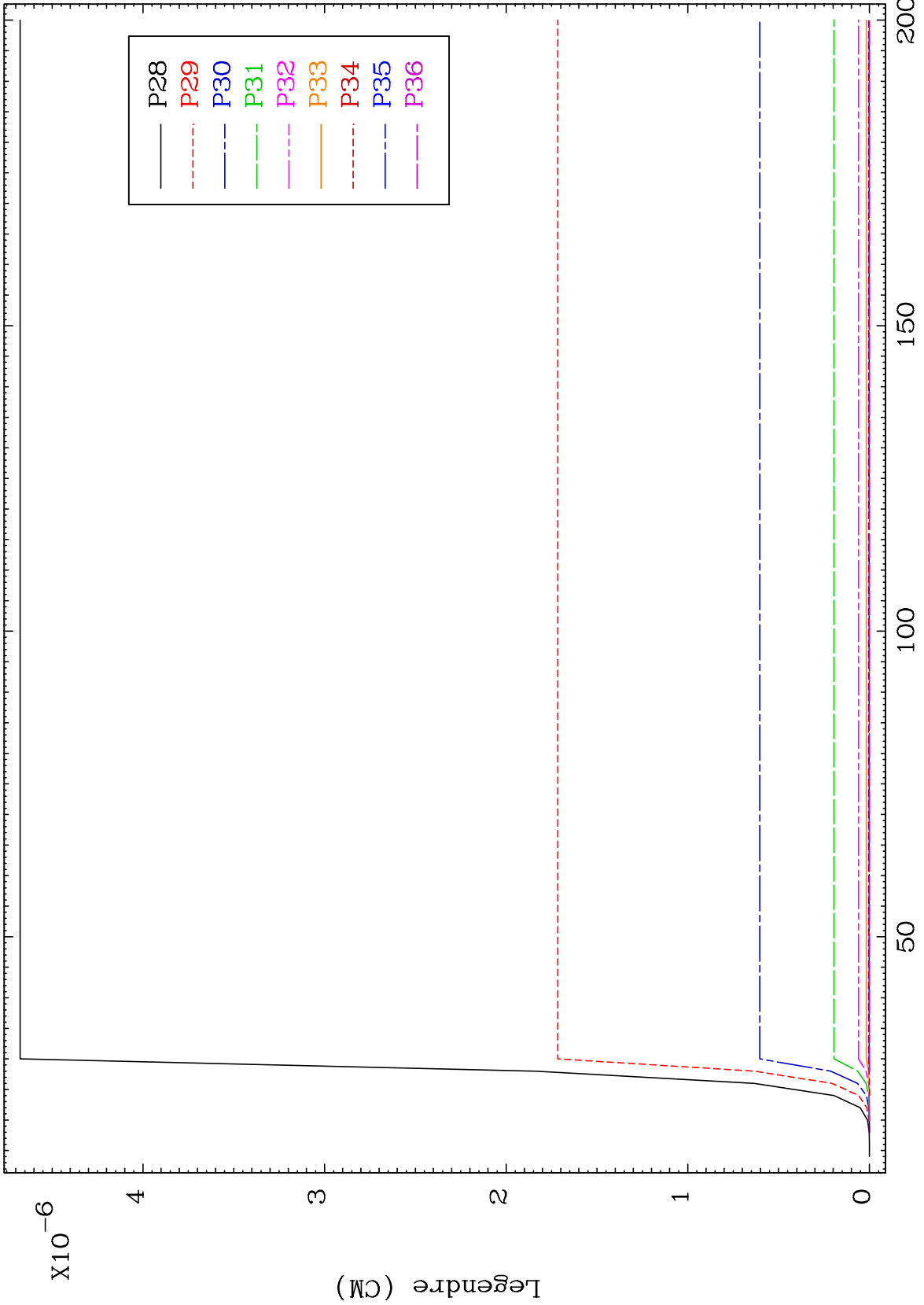
118

66-Dy-156

MAT 6625

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

66-Dy-156



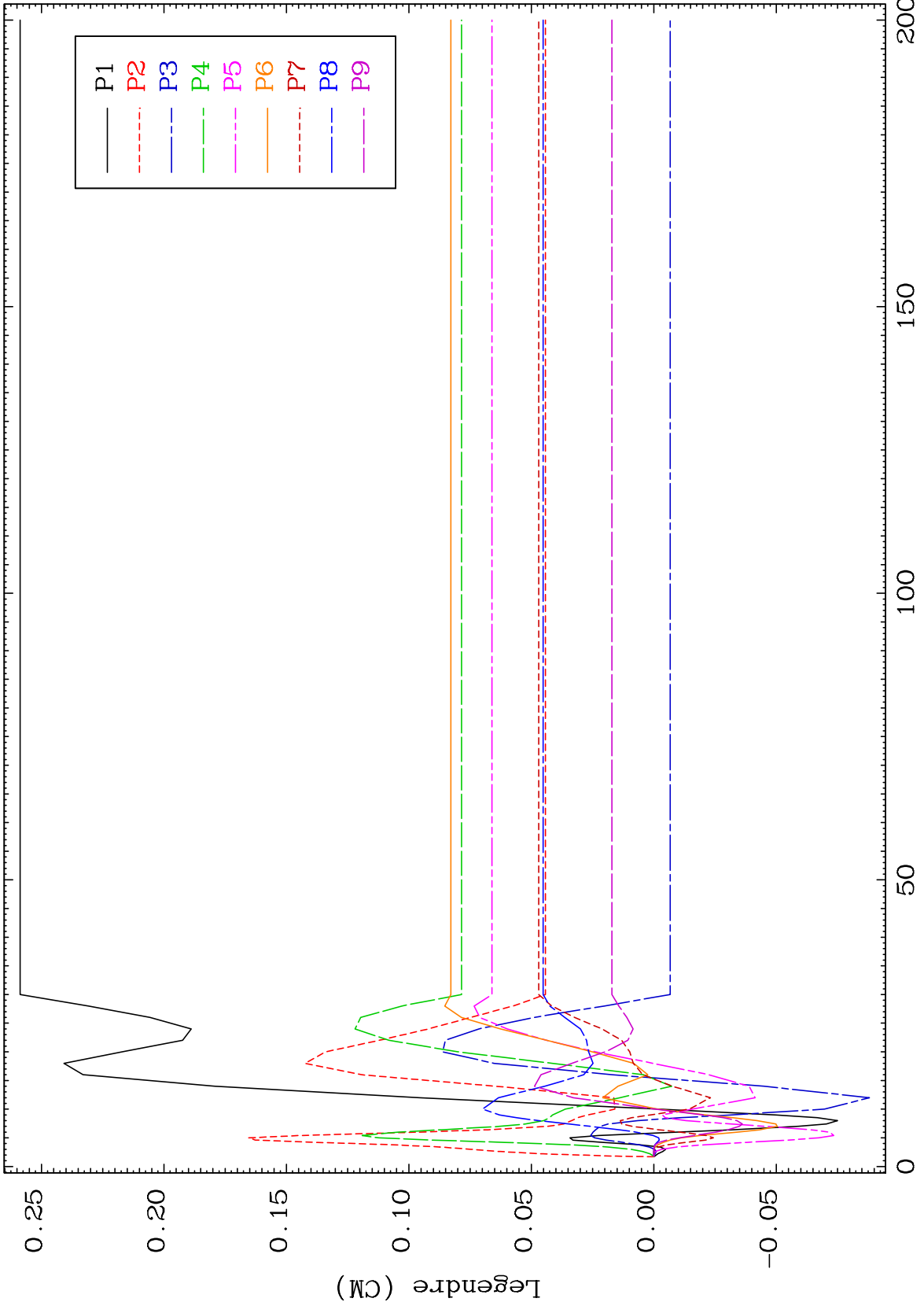
119

66-Dy-156

MAT 6625

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

66-Dy-156



66-Dy-156

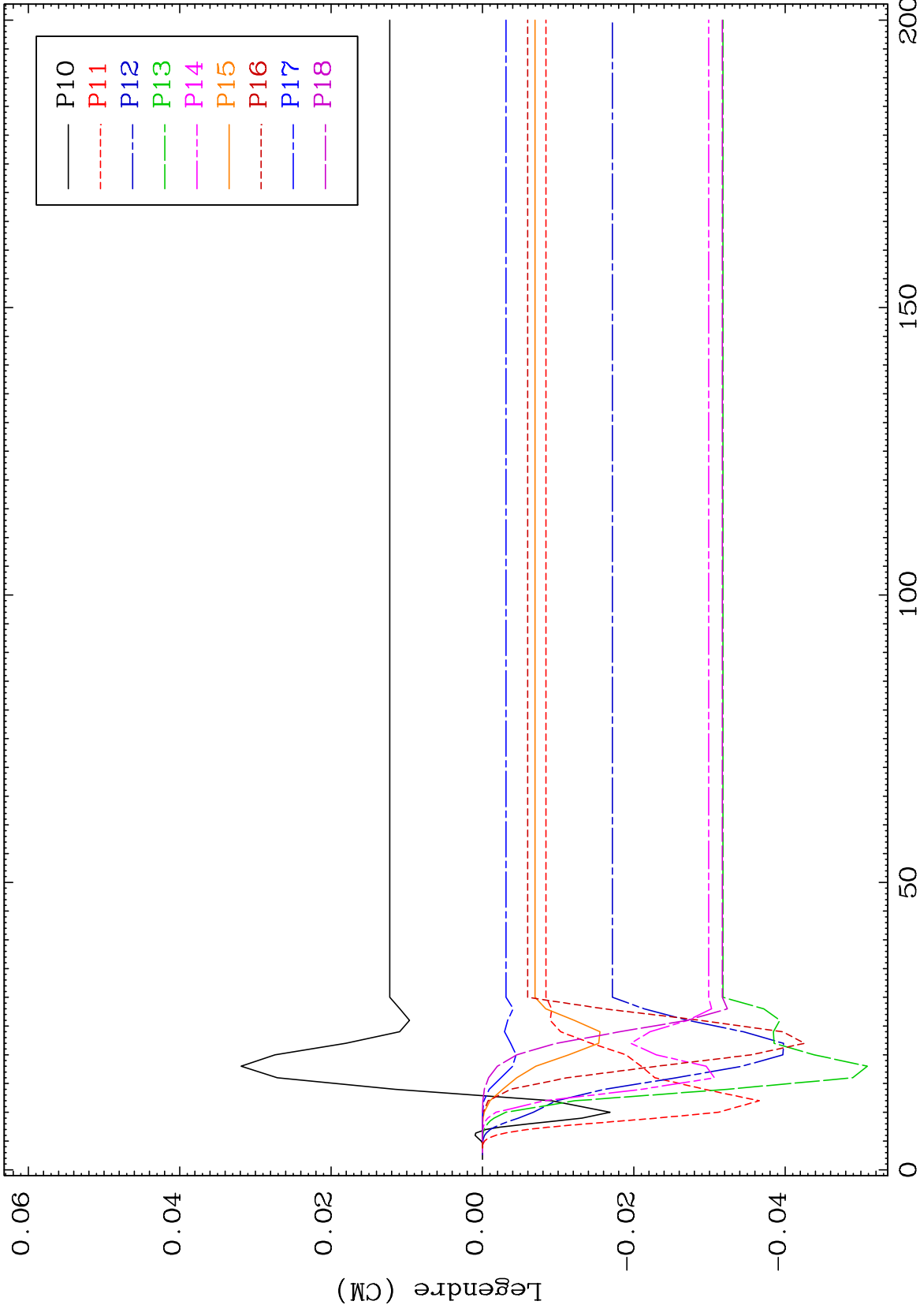
Incident Energy (MeV)

Legendre (CM)

MAT 6625

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

66-Dy-156



121

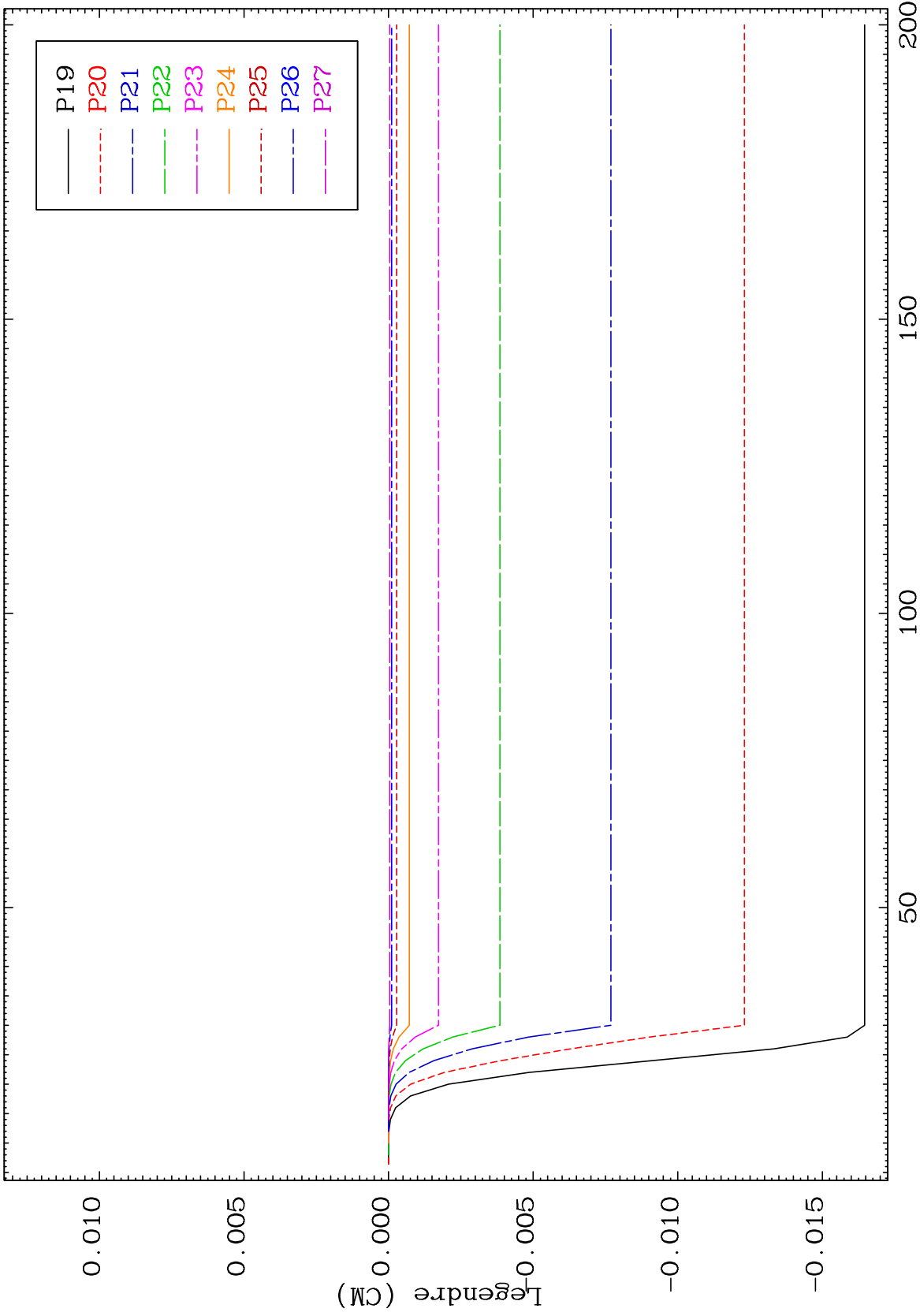
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



122

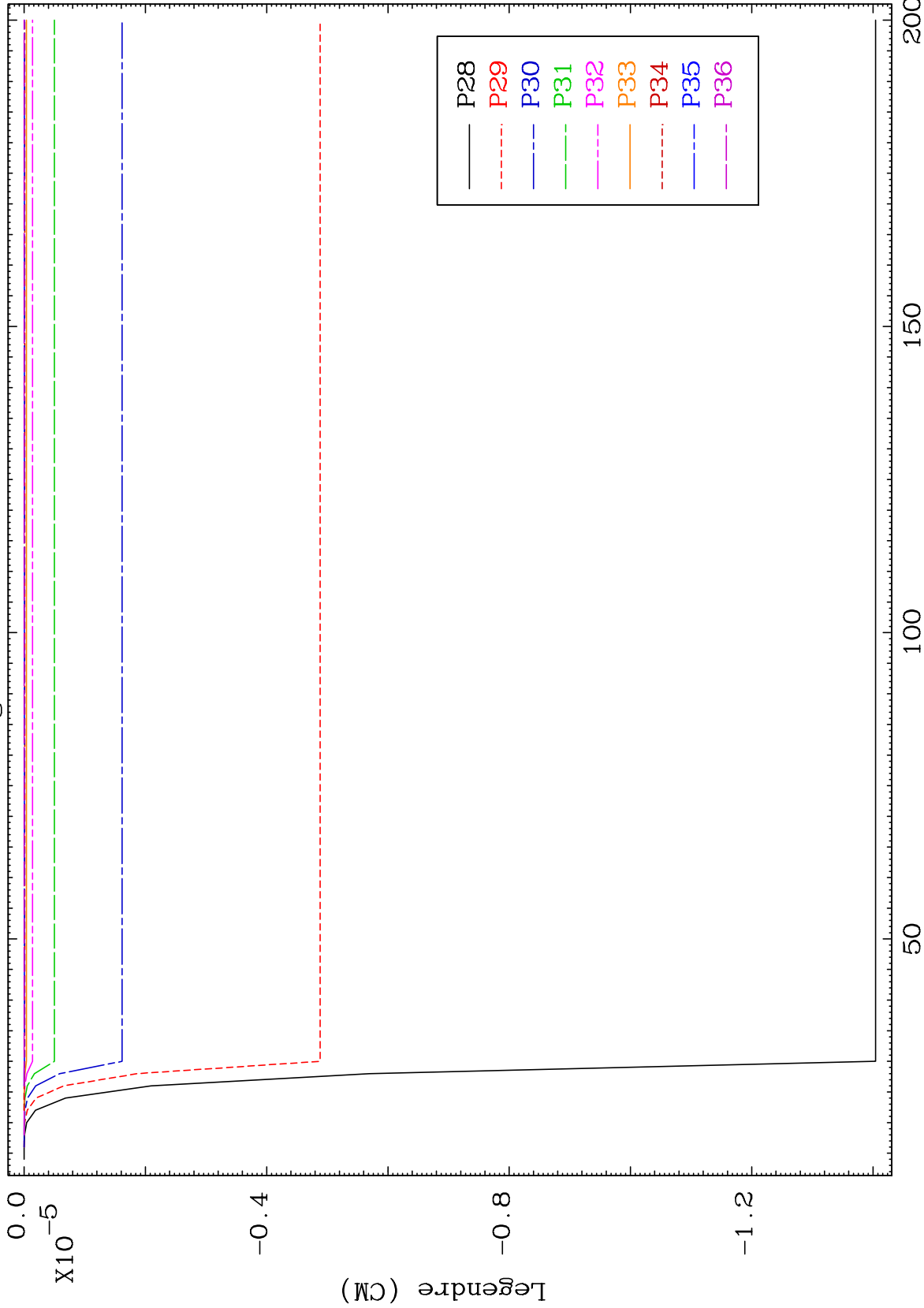
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



123

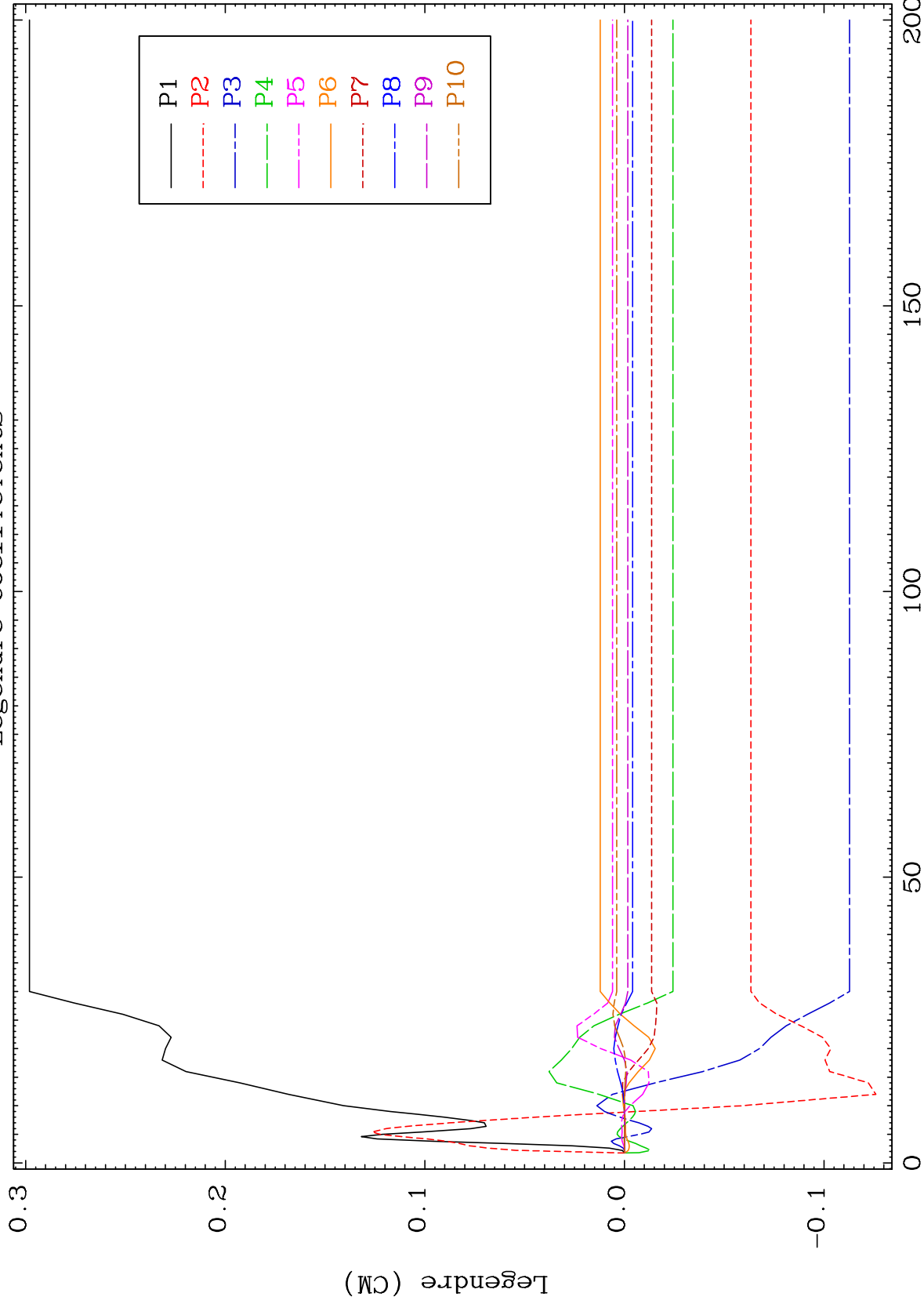
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



124

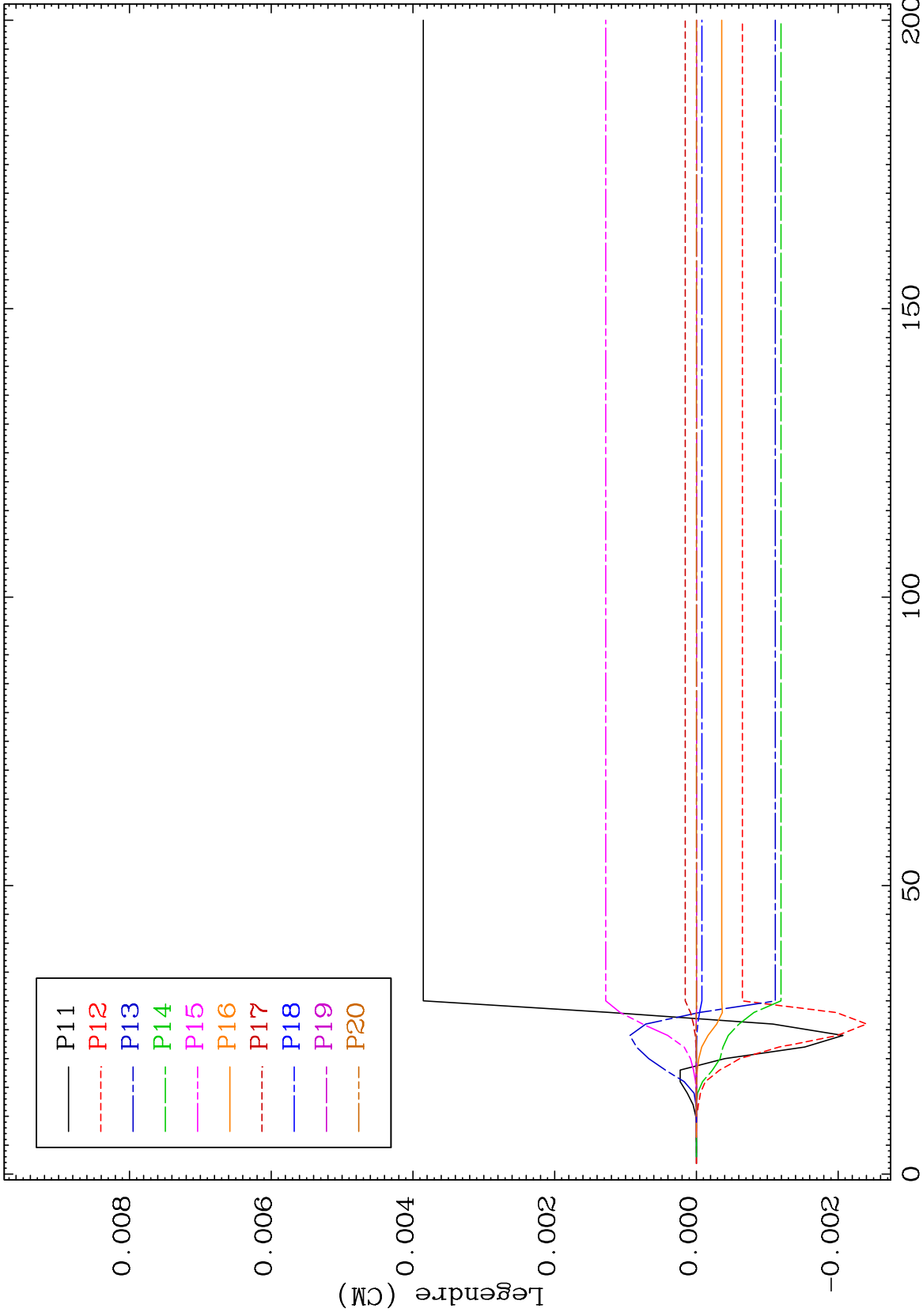
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



125

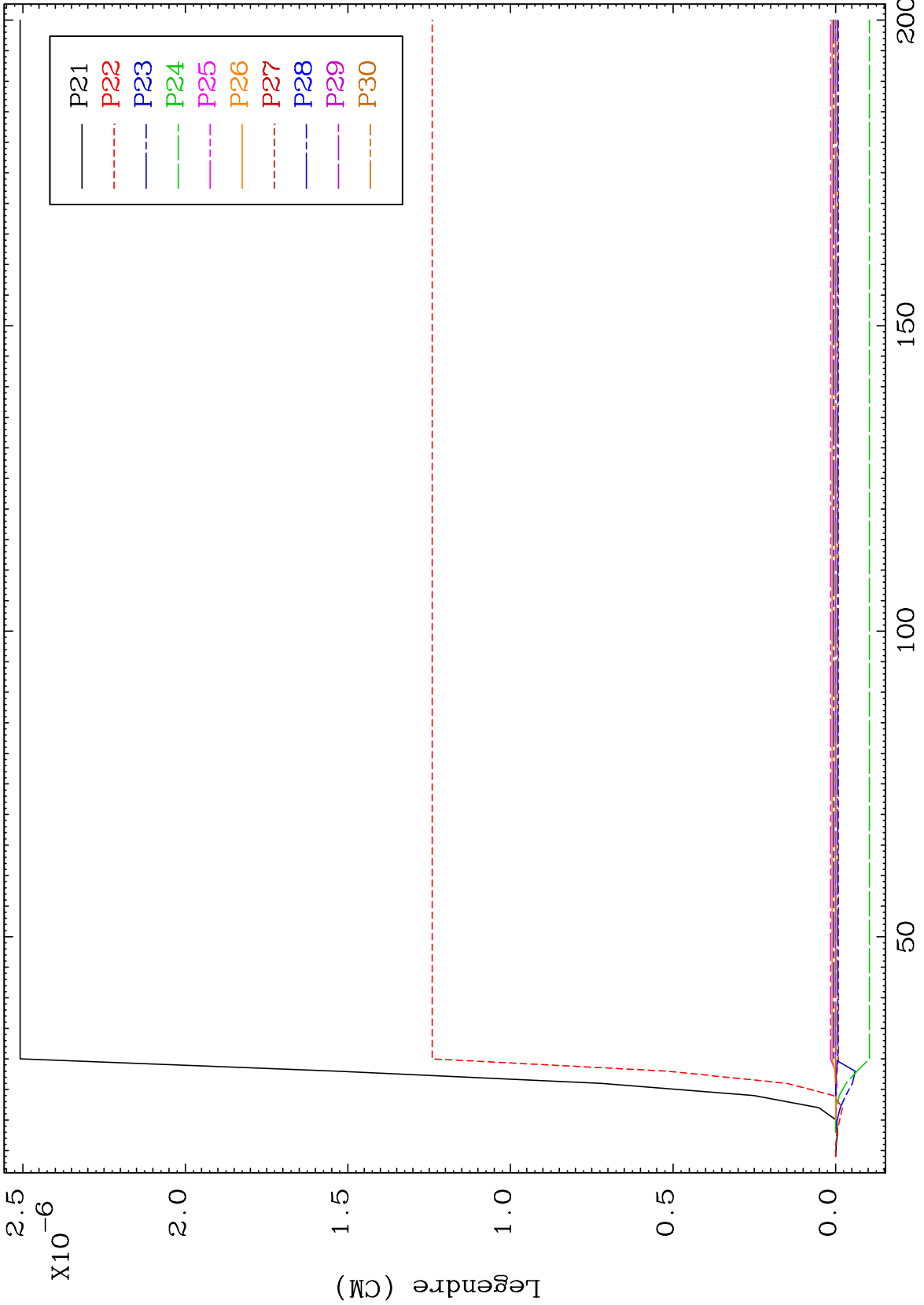
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



126

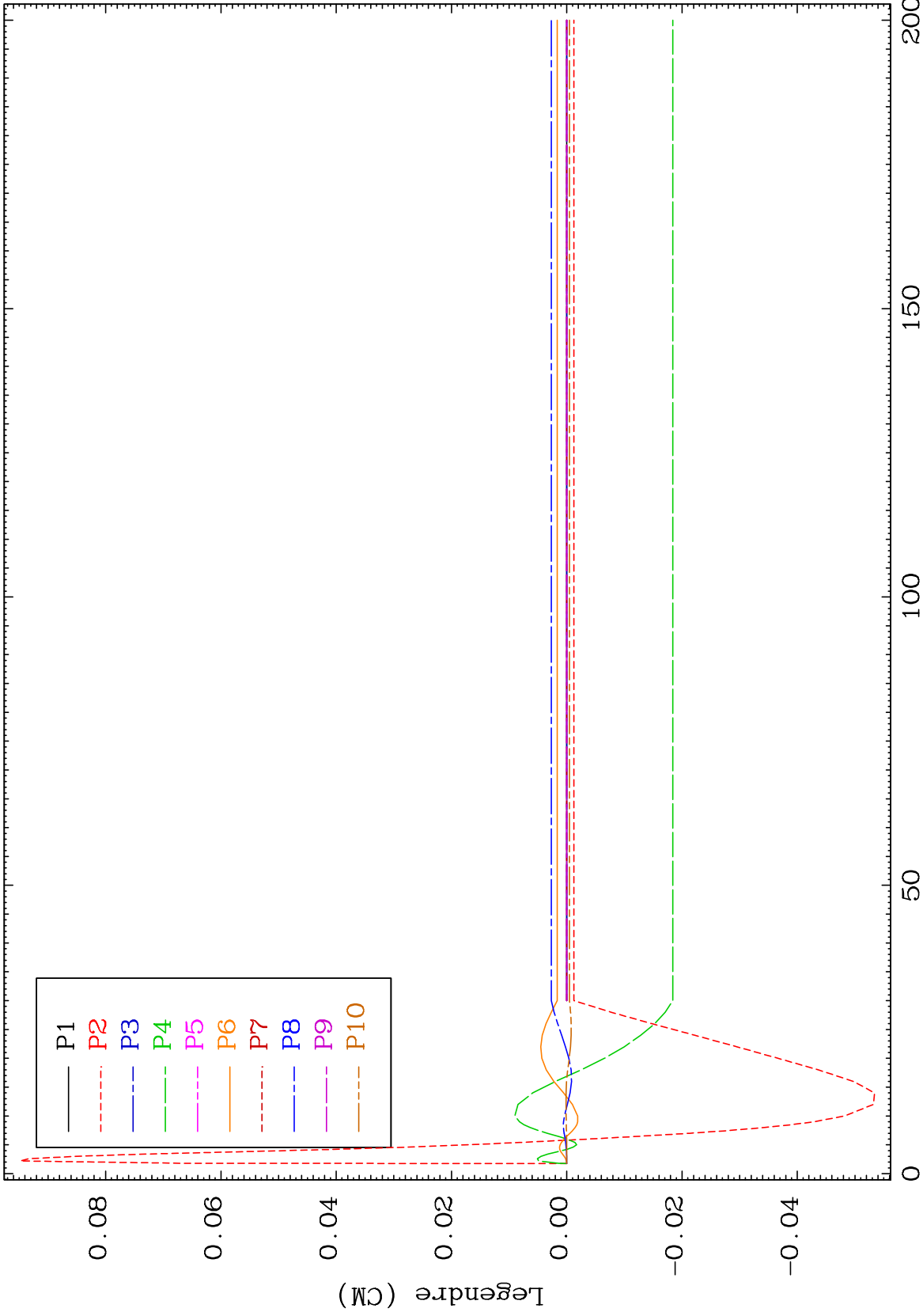
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

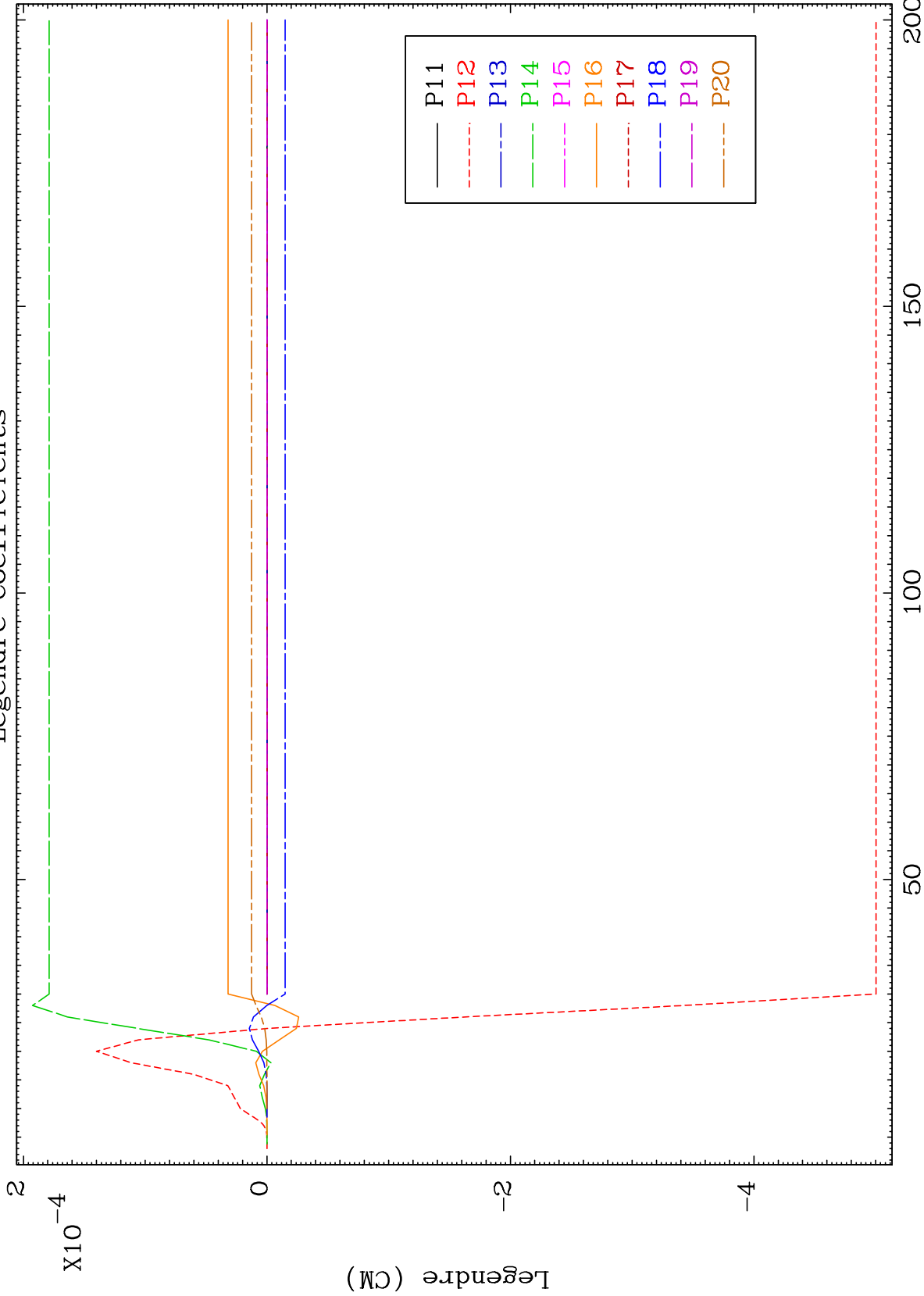
66-Dy-156



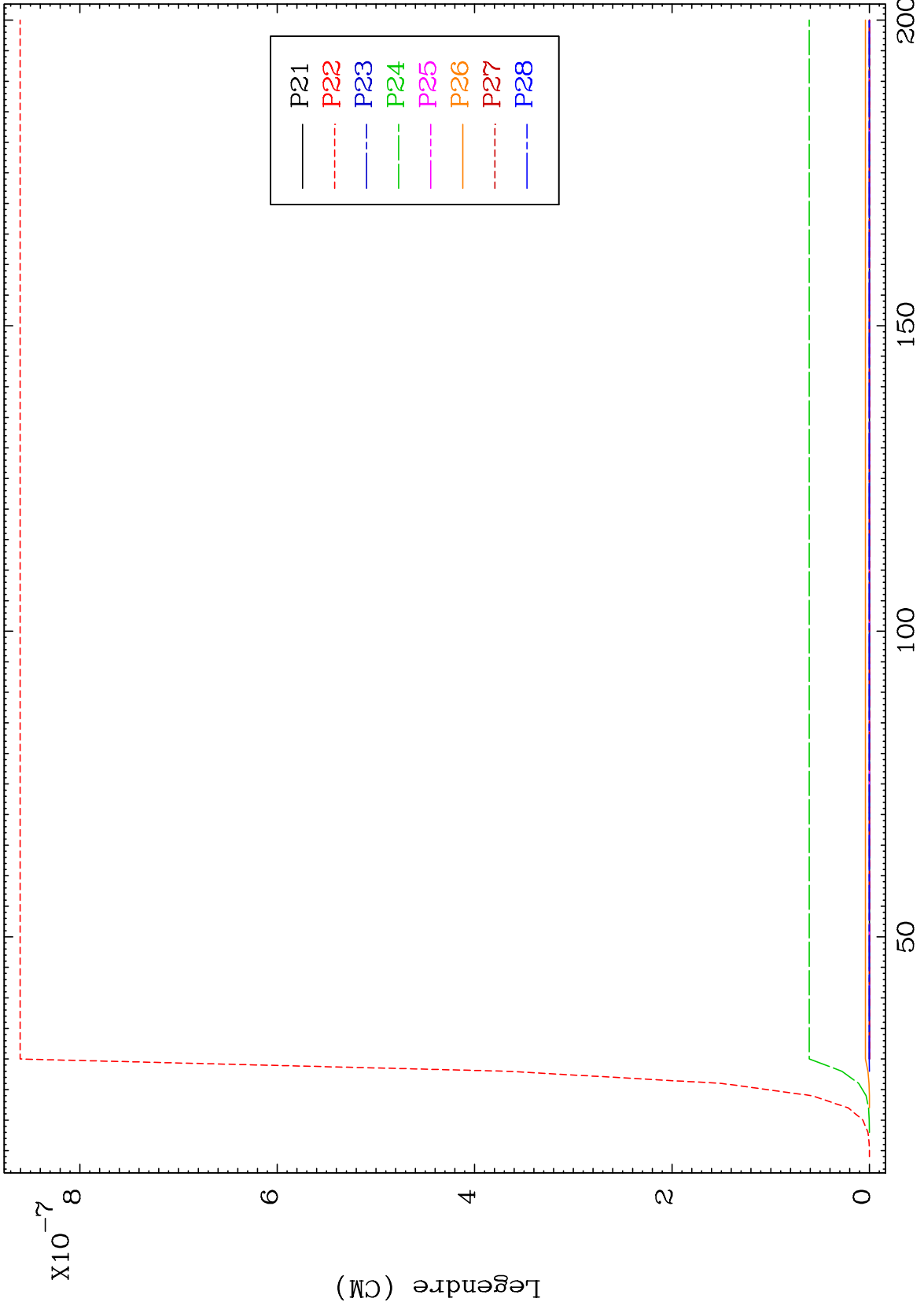
127

Incident Energy (MeV)

66-Dy-156



MAT 6625 MT= 79 (n,n') Level Legendre Coefficients 66-Dy-156

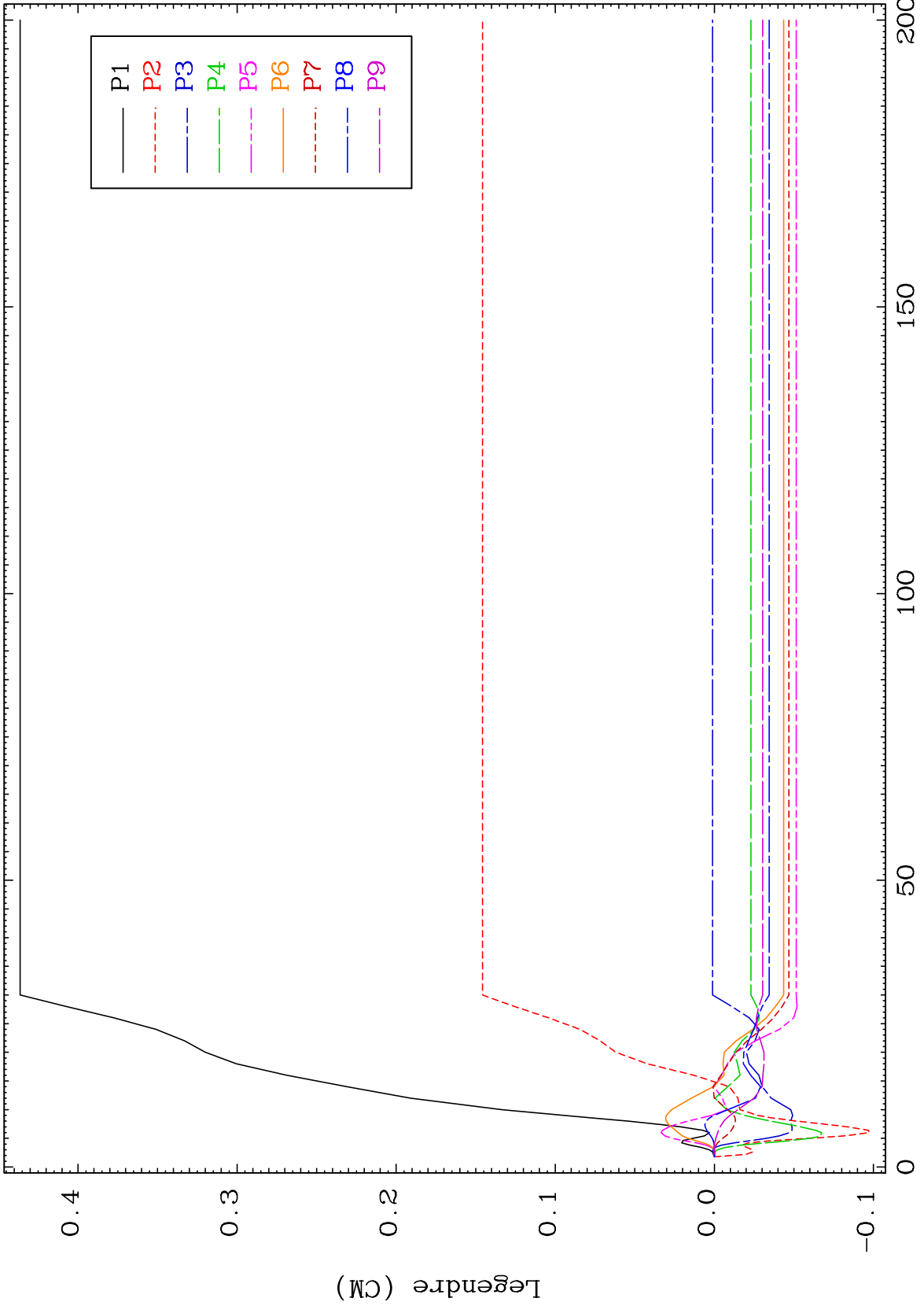


129 Incident Energy (MeV) 66-Dy-156

MAT 6625

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

66-Dy-156

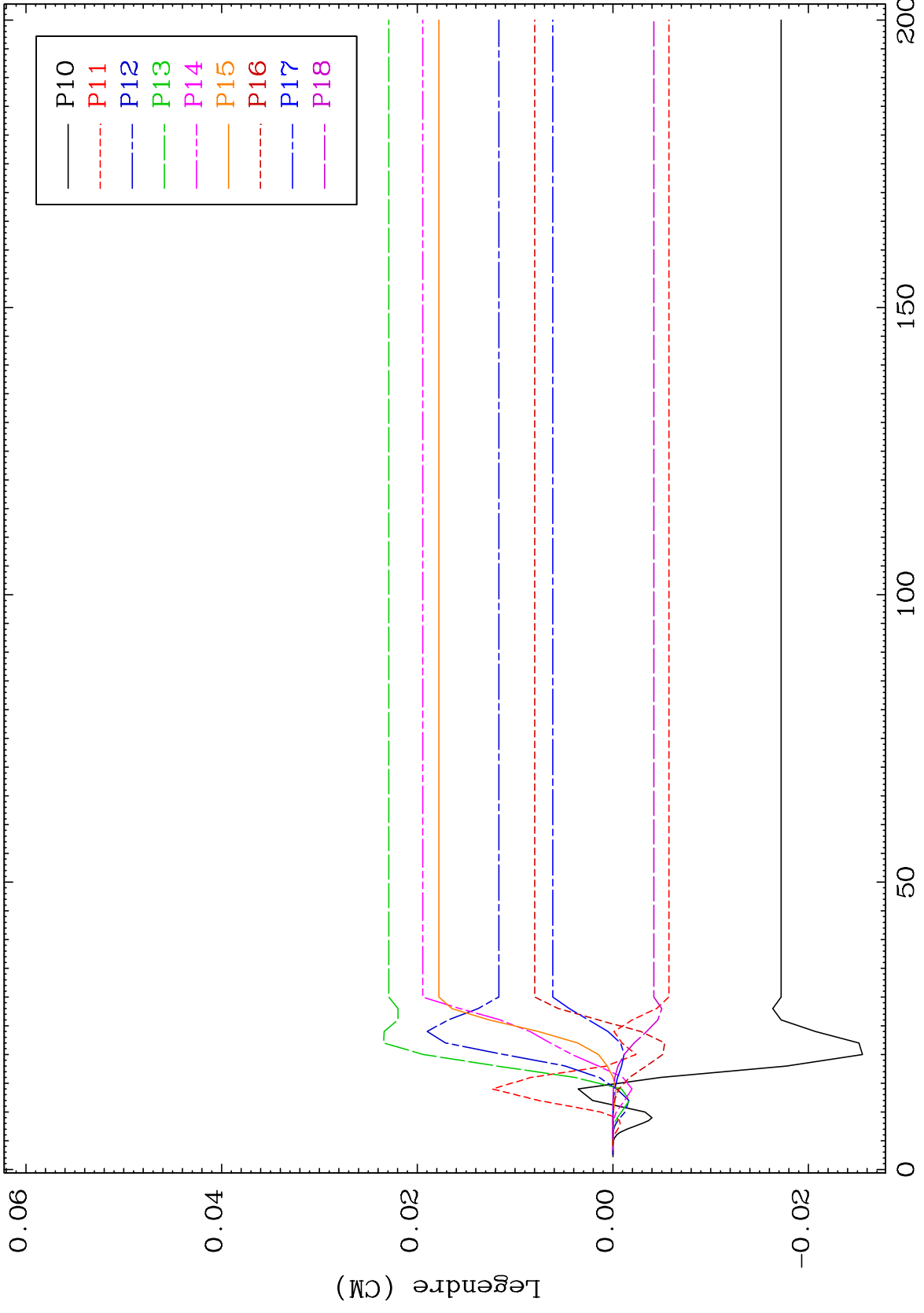


66-Dy-156

Incident Energy (MeV)

Legendre (CM)

MAT 6625 MT= 80 (n,n') Level Legendre Coefficients 66-Dy-156

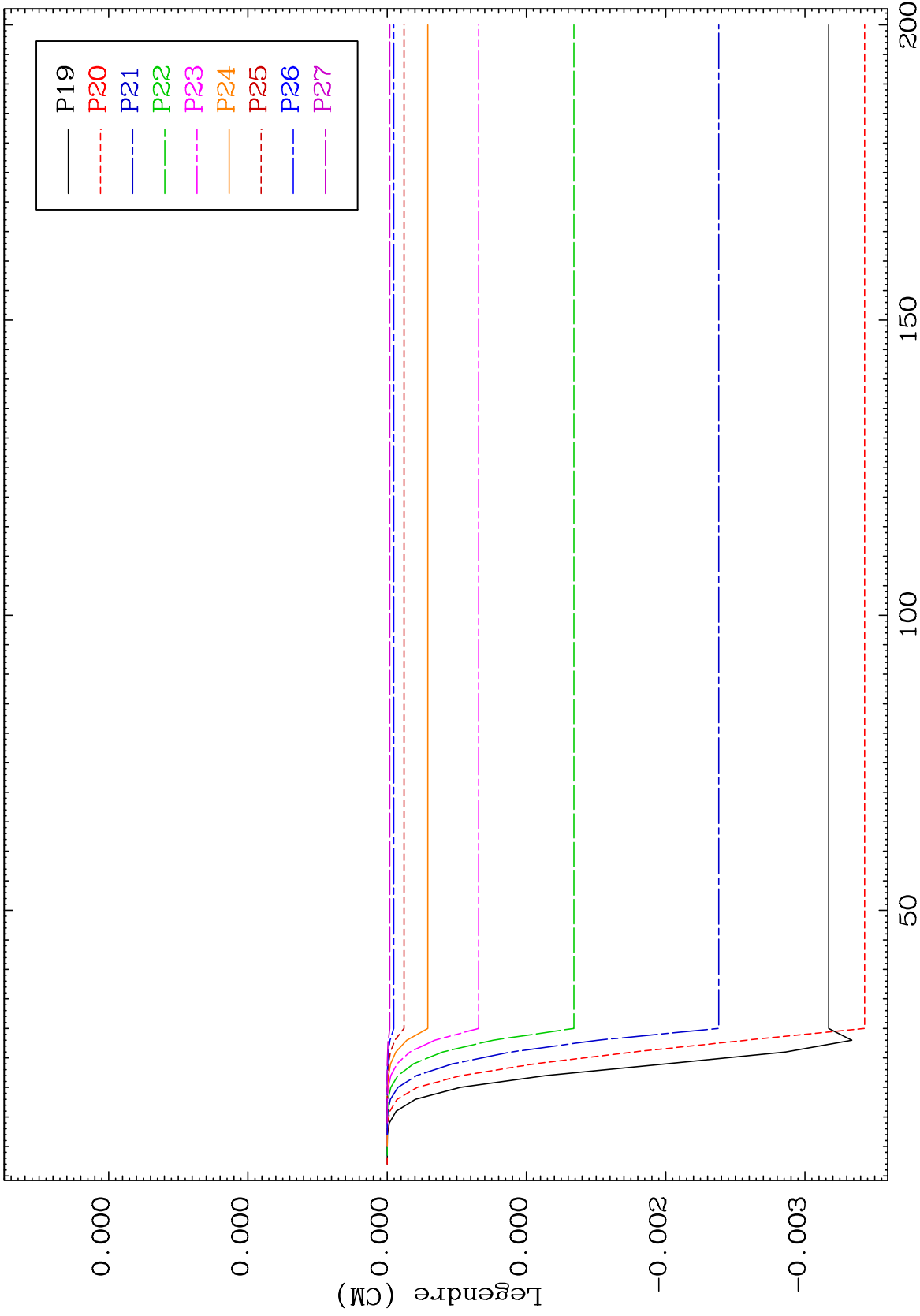


131 66-Dy-156

MAT 6625

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

66-Dy-156



132

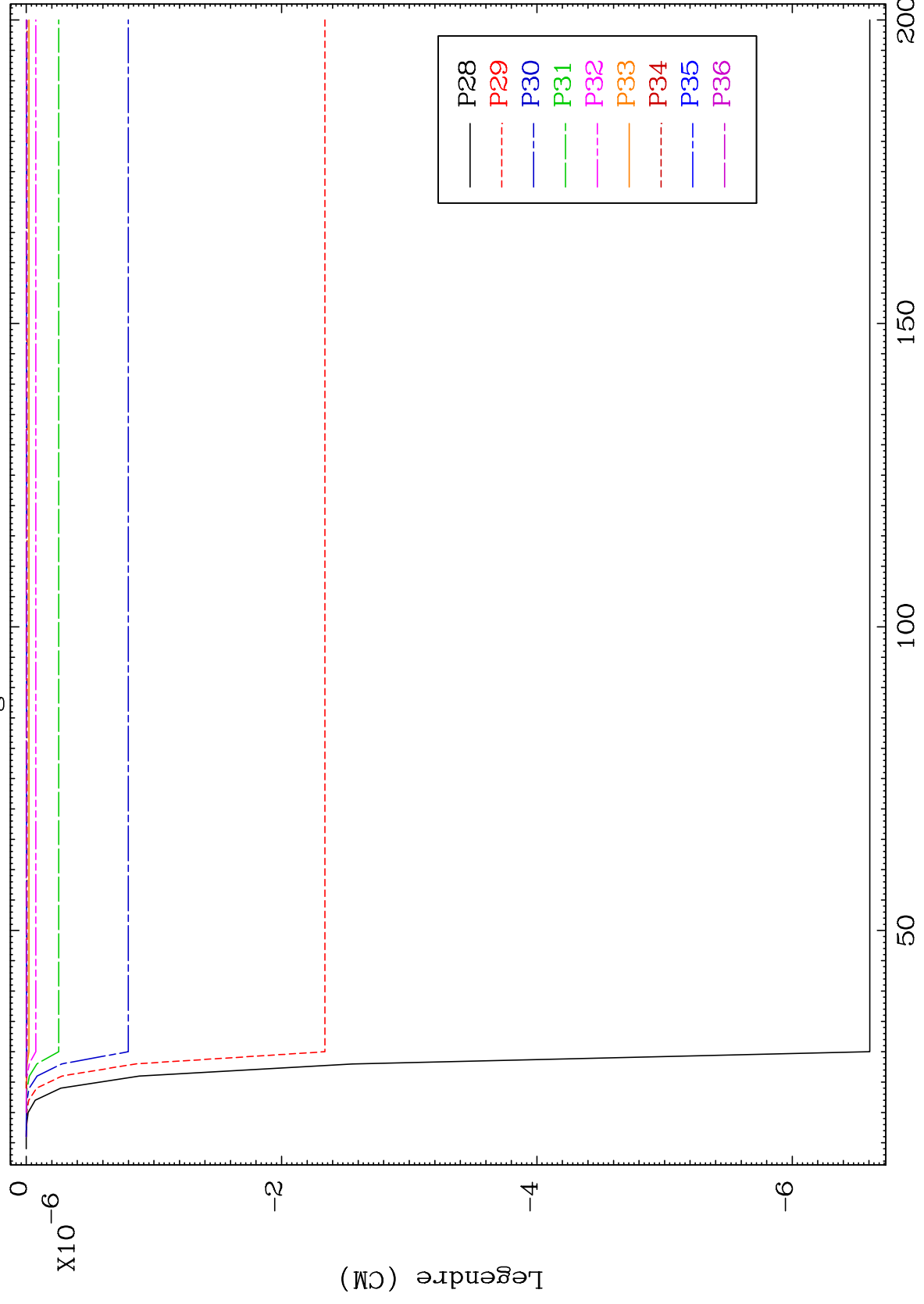
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156

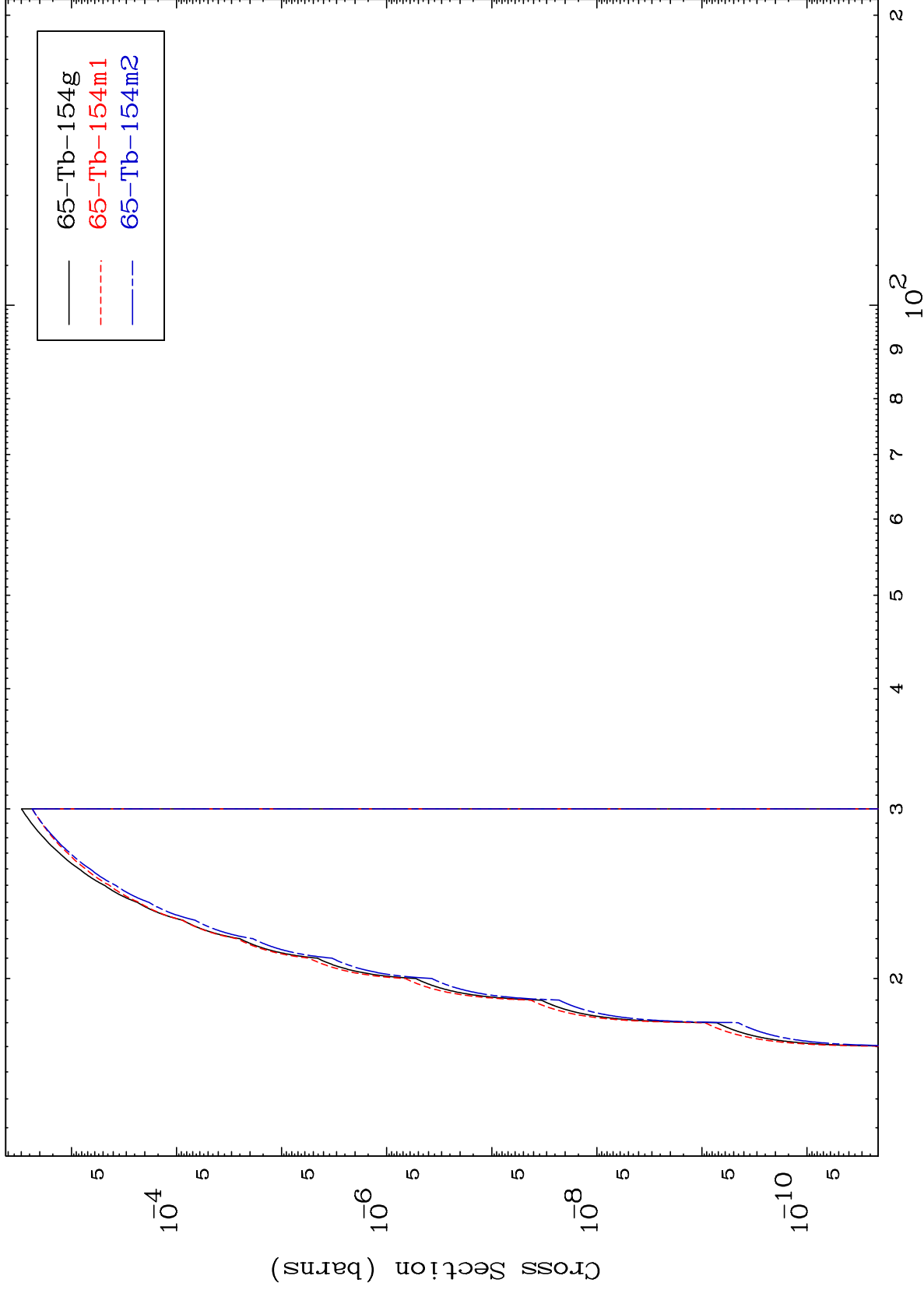


66-Dy-156

Incident Energy (MeV)

133

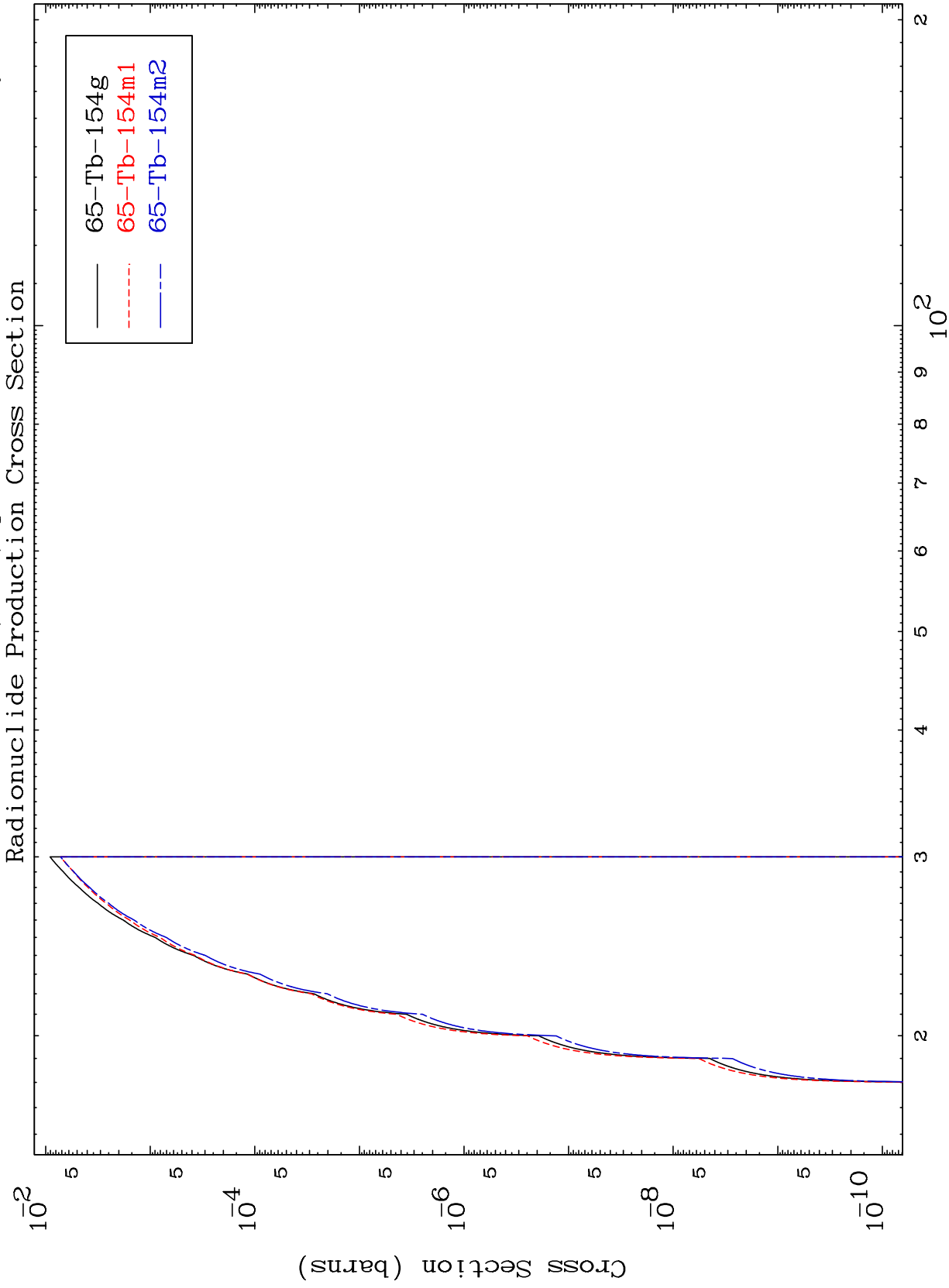
Radionuclide Production Cross Section



MAT 6625

(n,2n) p

66-Dy-156



135

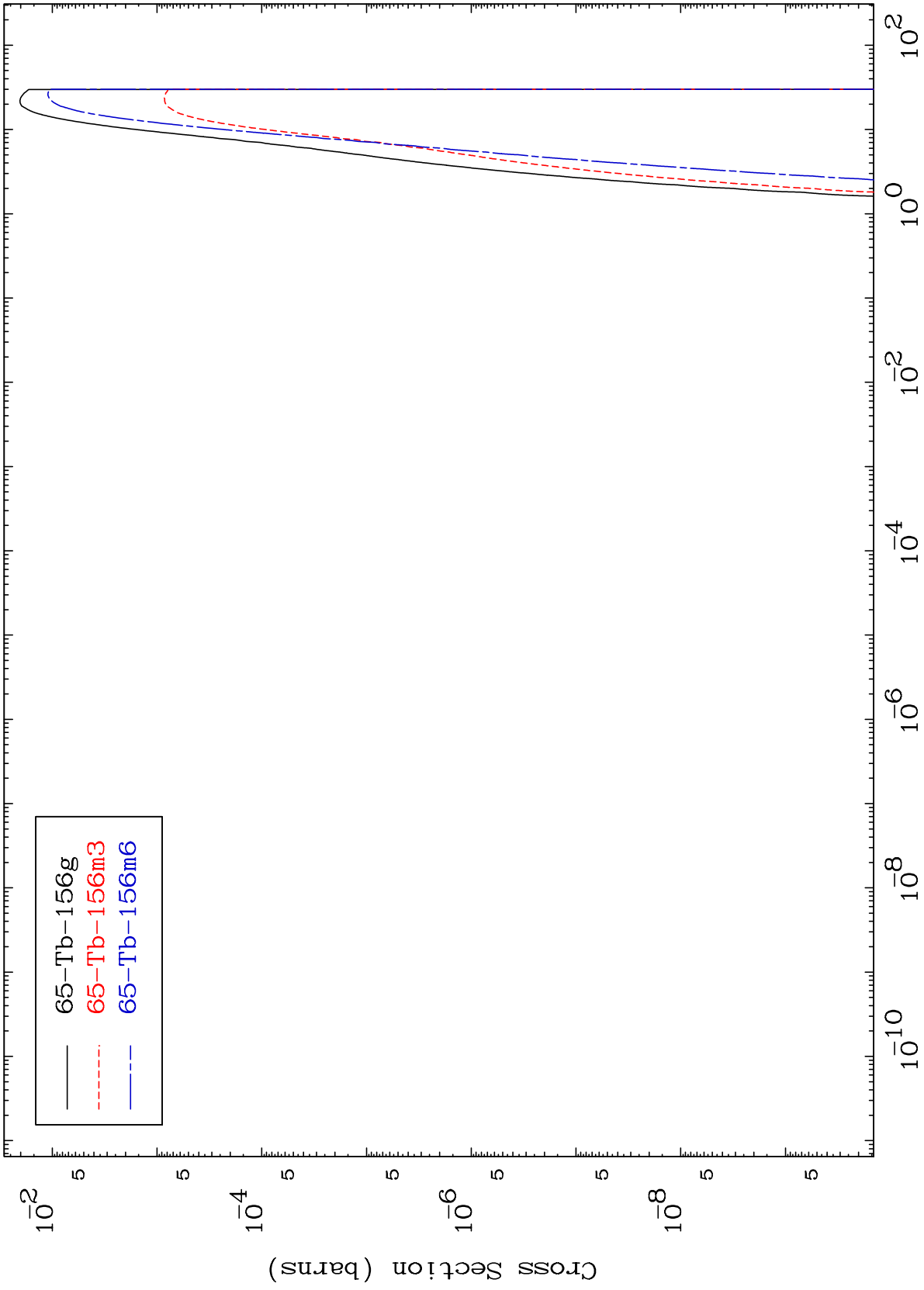
Incident Energy (MeV)

66-Dy-156

MAT 6625

(n,p)
Radionuclide Production Cross Section

66-Dy-156



136

Incident Energy (MeV)

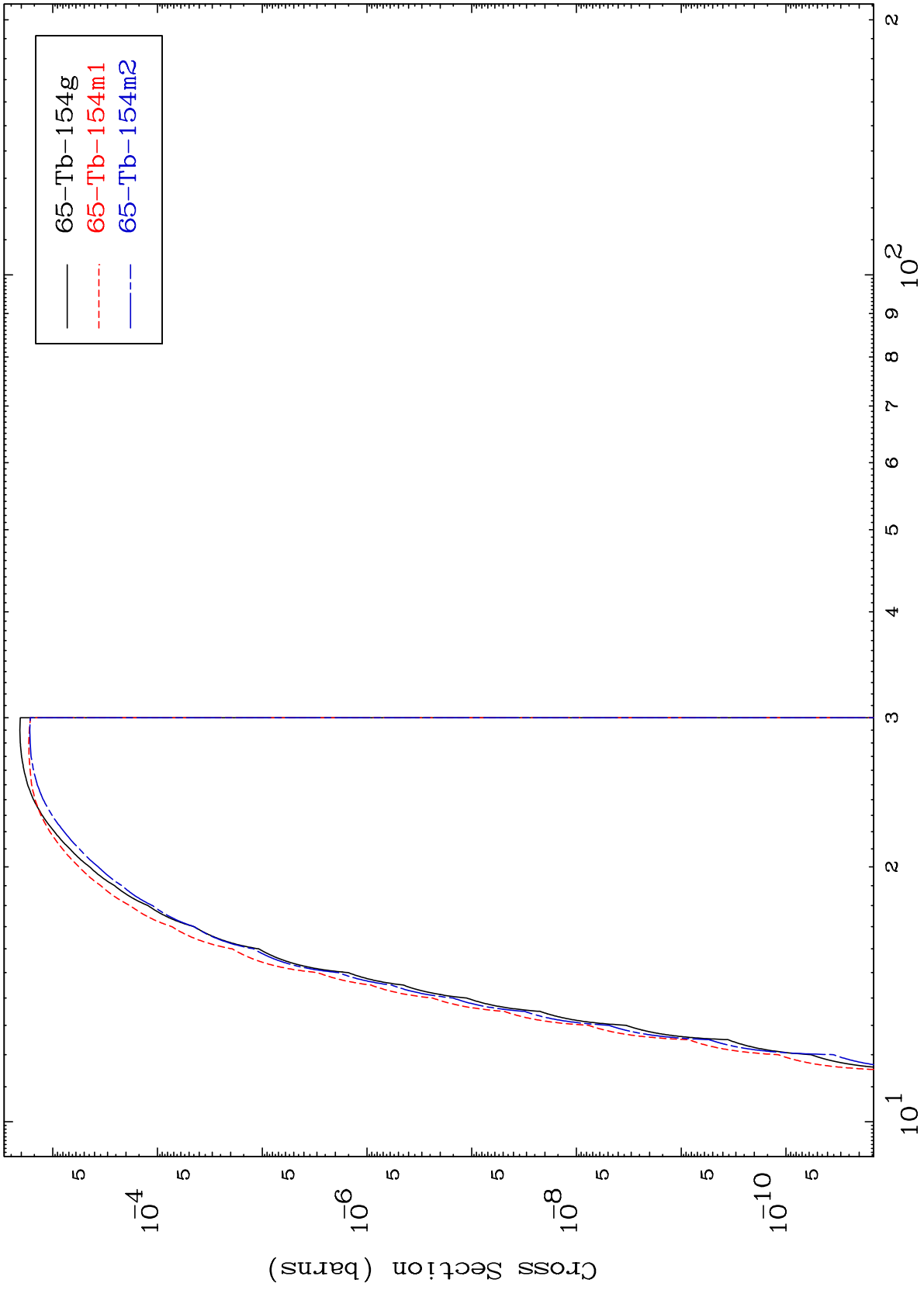
66-Dy-156

MAT 6625

(n, t)

66-Dy-156

Radionuclide Production Cross Section



137

Incident Energy (MeV)

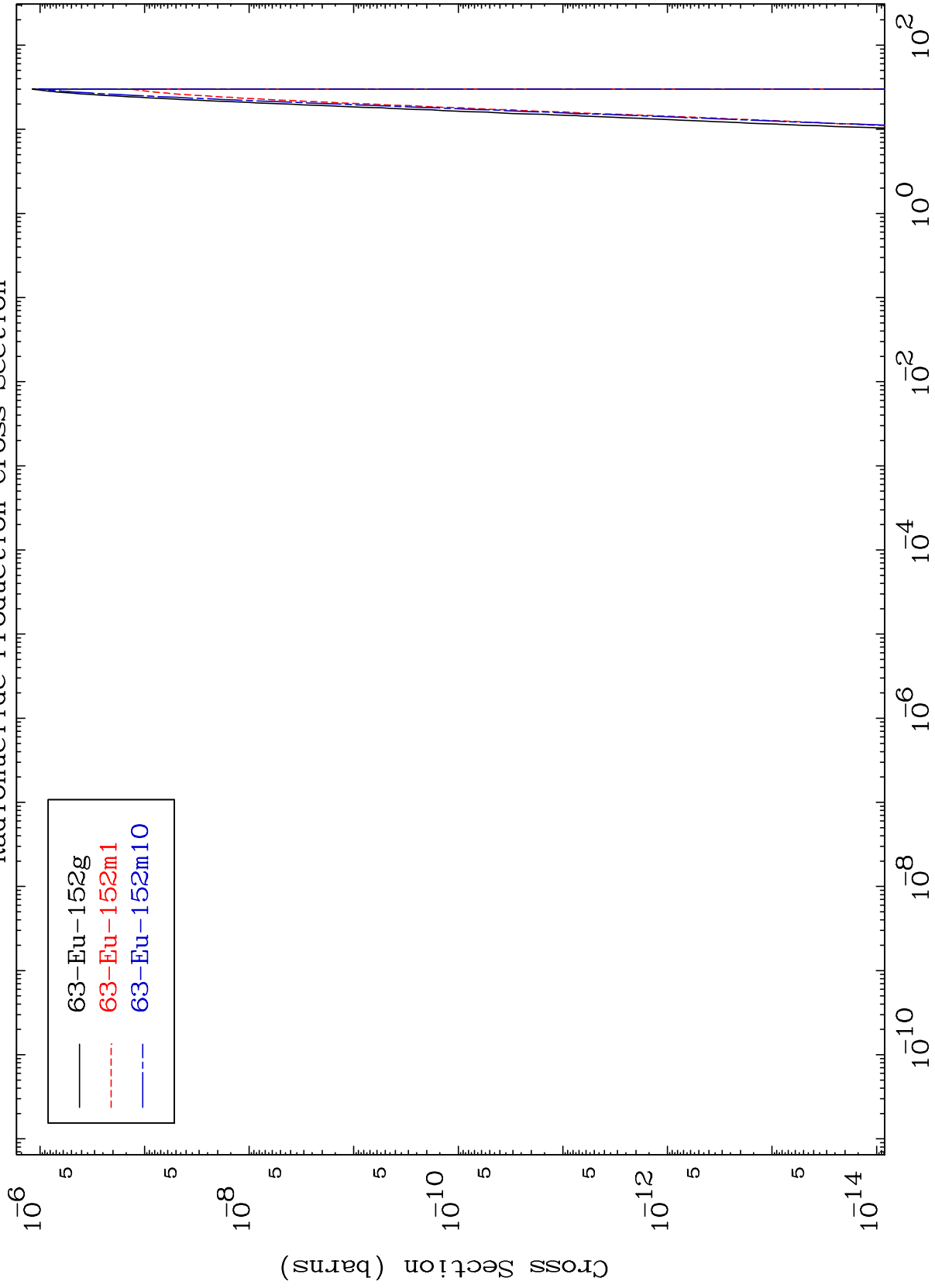
66-Dy-156

MAT 6625

(n,p) α

66-Dy-156

Radionuclide Production Cross Section



138

Incident Energy (MeV)

66-Dy-156