

Program EVALPLOT
(Version 2018-1)

by

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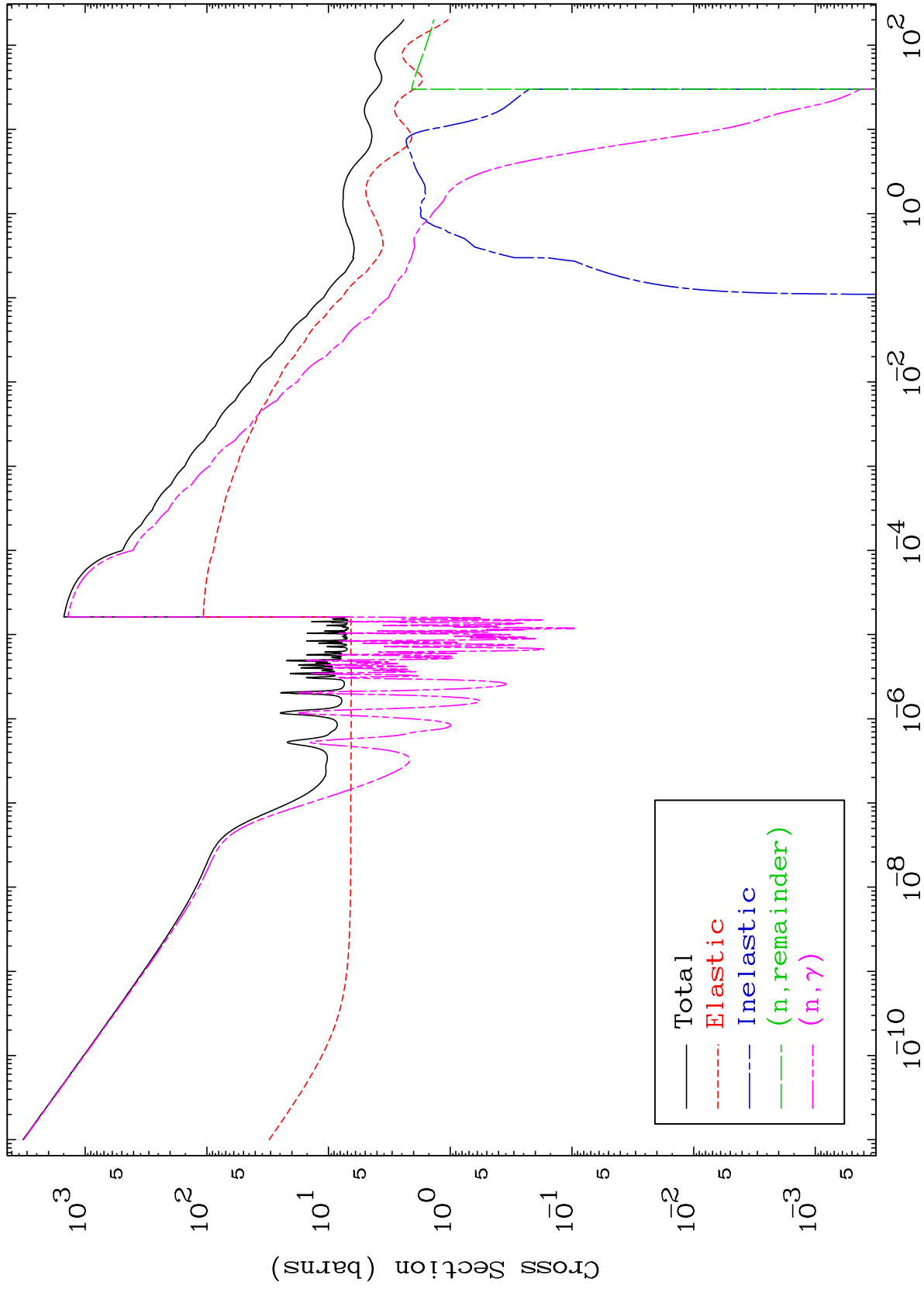
Press Mouse Button to Start

MAT 6616

Major

293 Kelvin Cross Sections

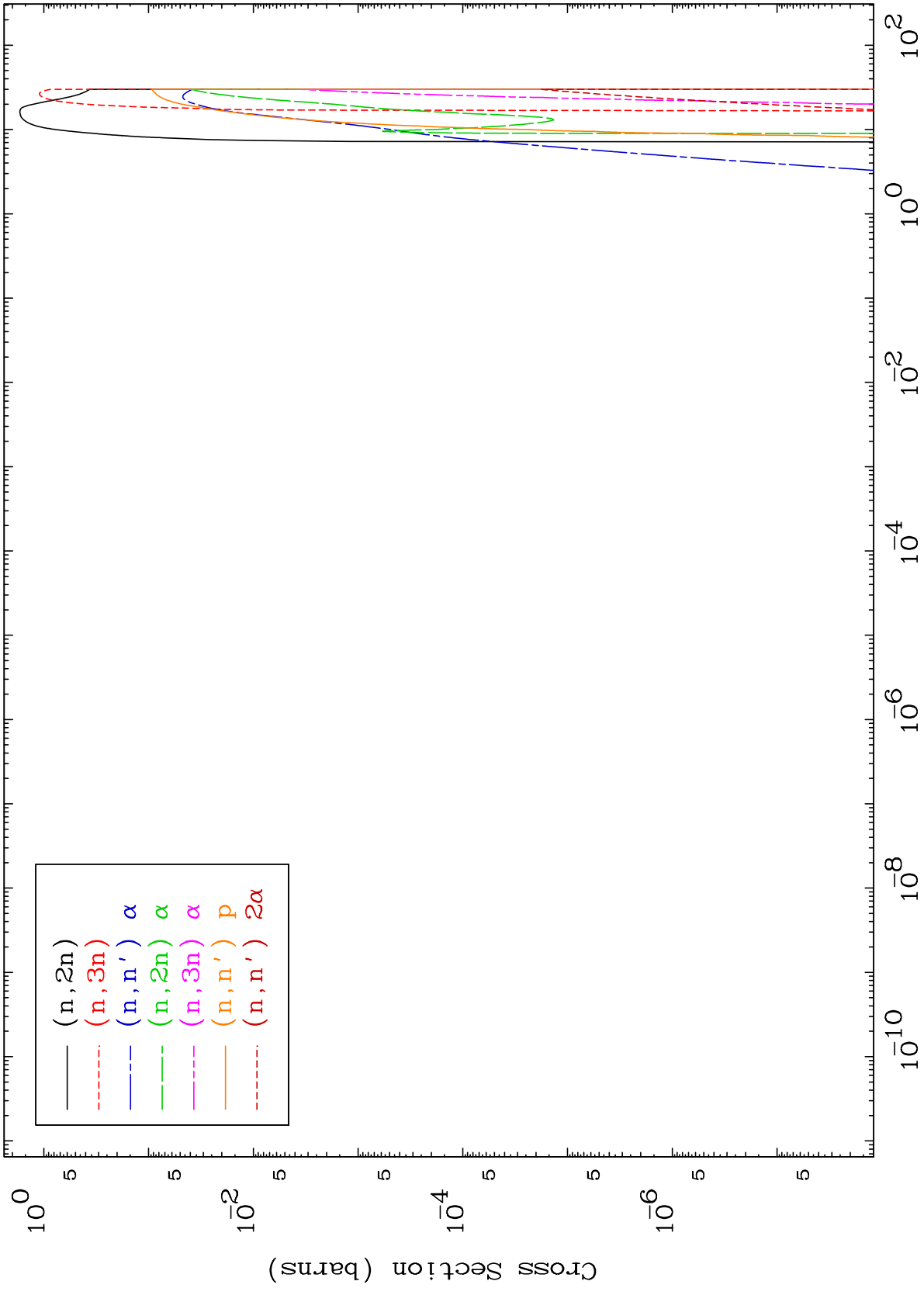
66-Dy-153



MAT 6616

Neutron Production
293 Kelvin Cross Sections

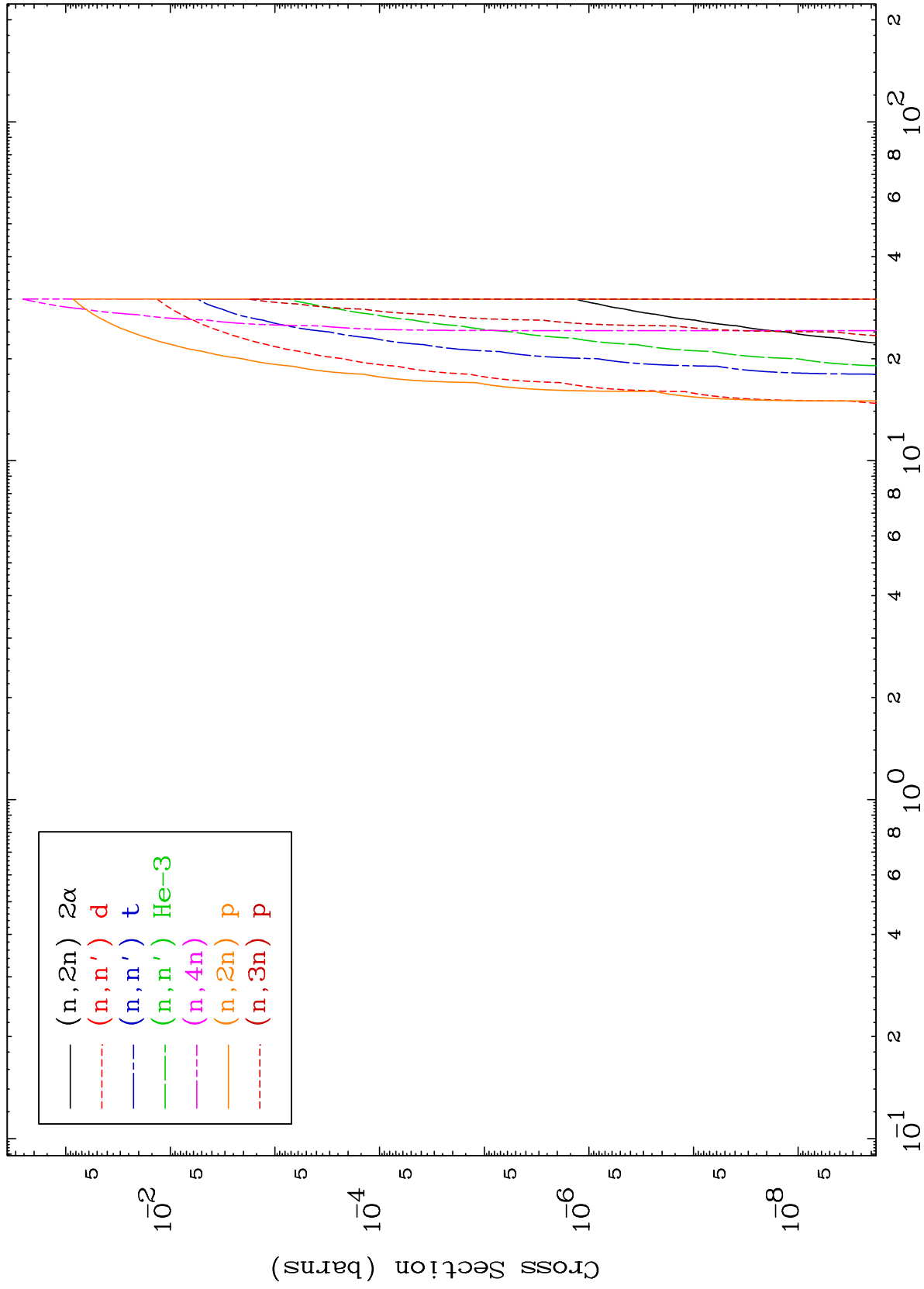
66-Dy-153



MAT 6616

Neutron Production
293 Kelvin Cross Sections

66-Dy-153



3

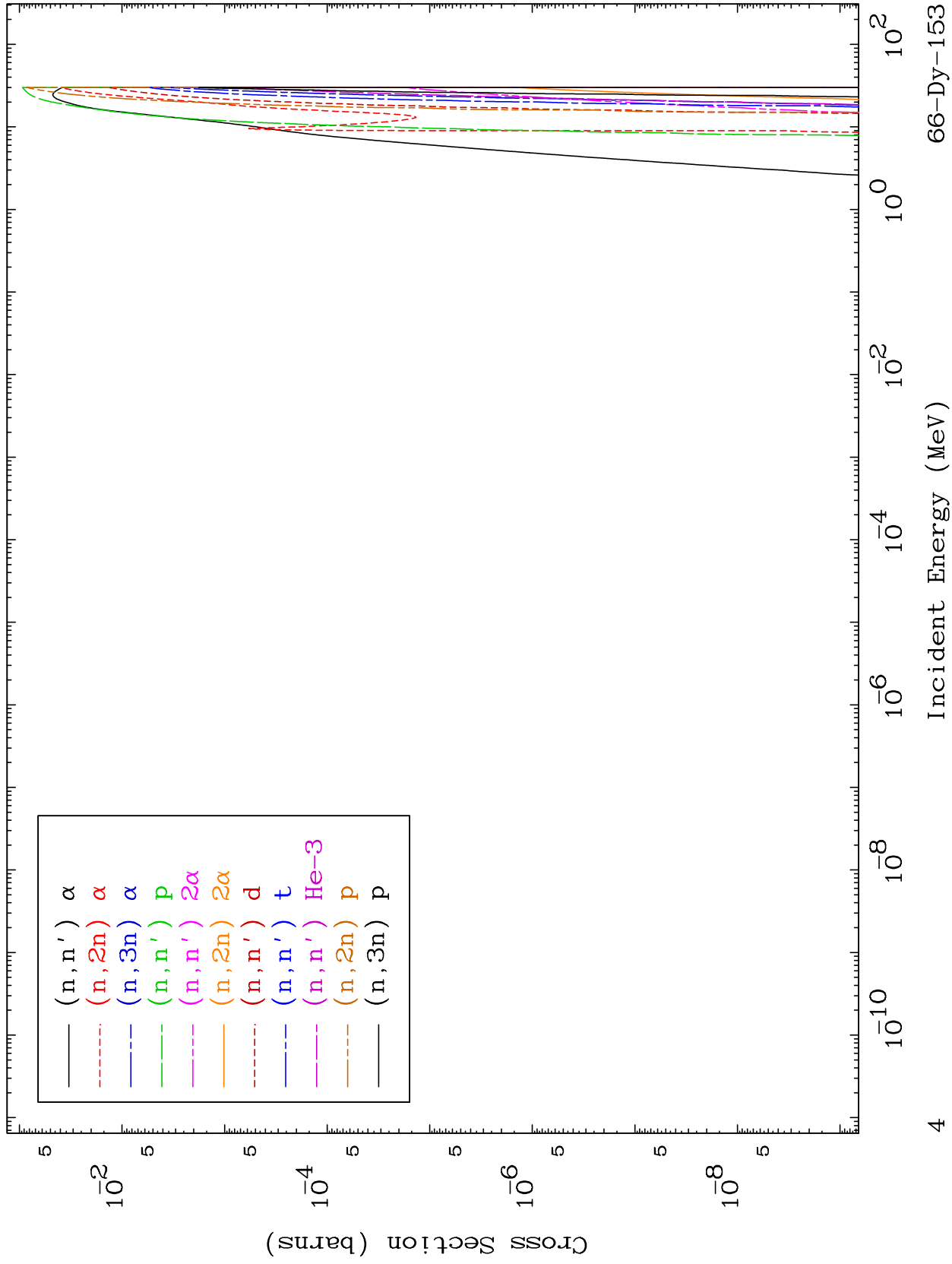
Incident Energy (MeV)

66-Dy-153

MAT 6616

Charged Particle
293 Kelvin Cross Sections

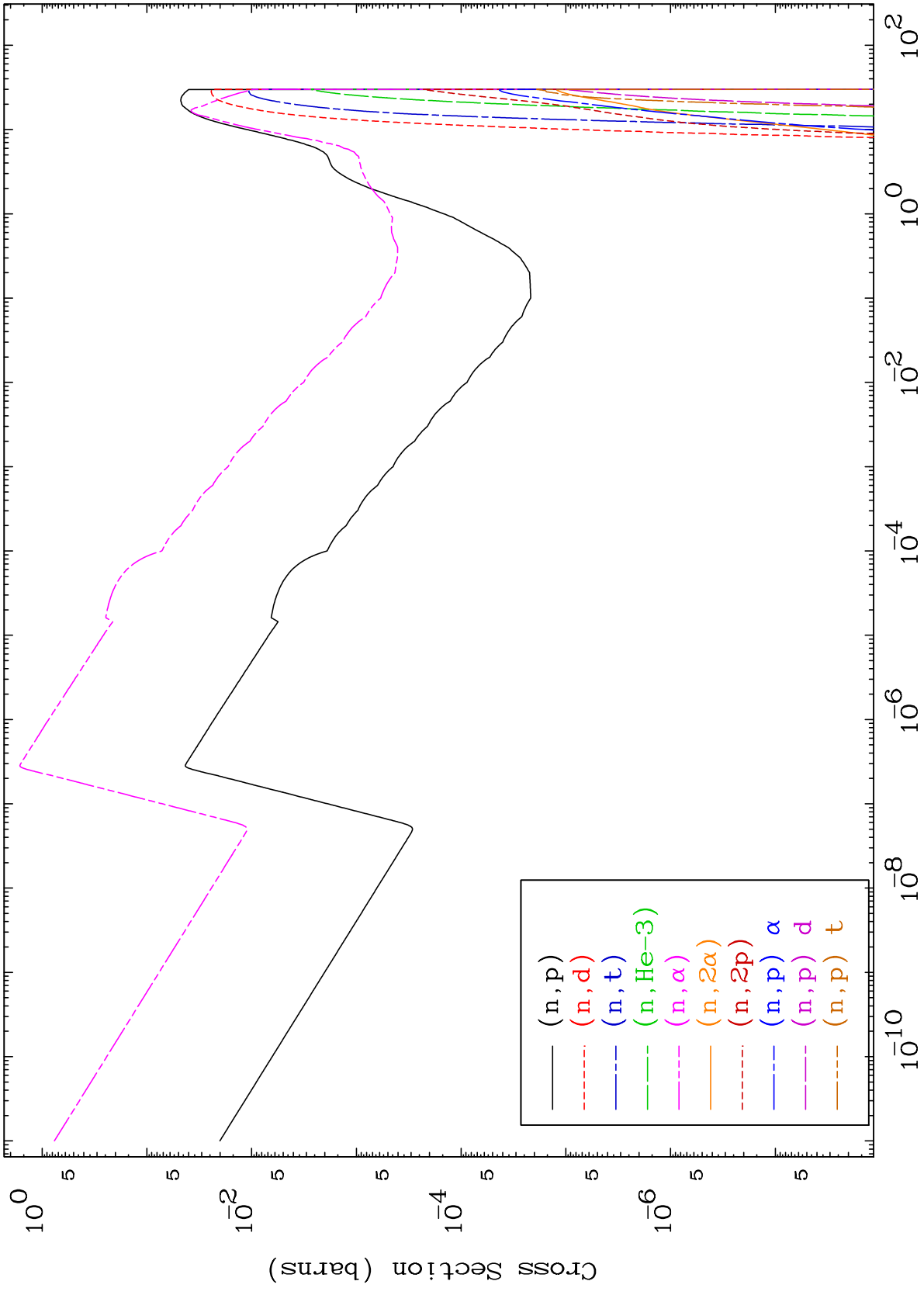
66-Dy-153



MAT 6616

Charged Particle
293 Kelvin Cross Sections

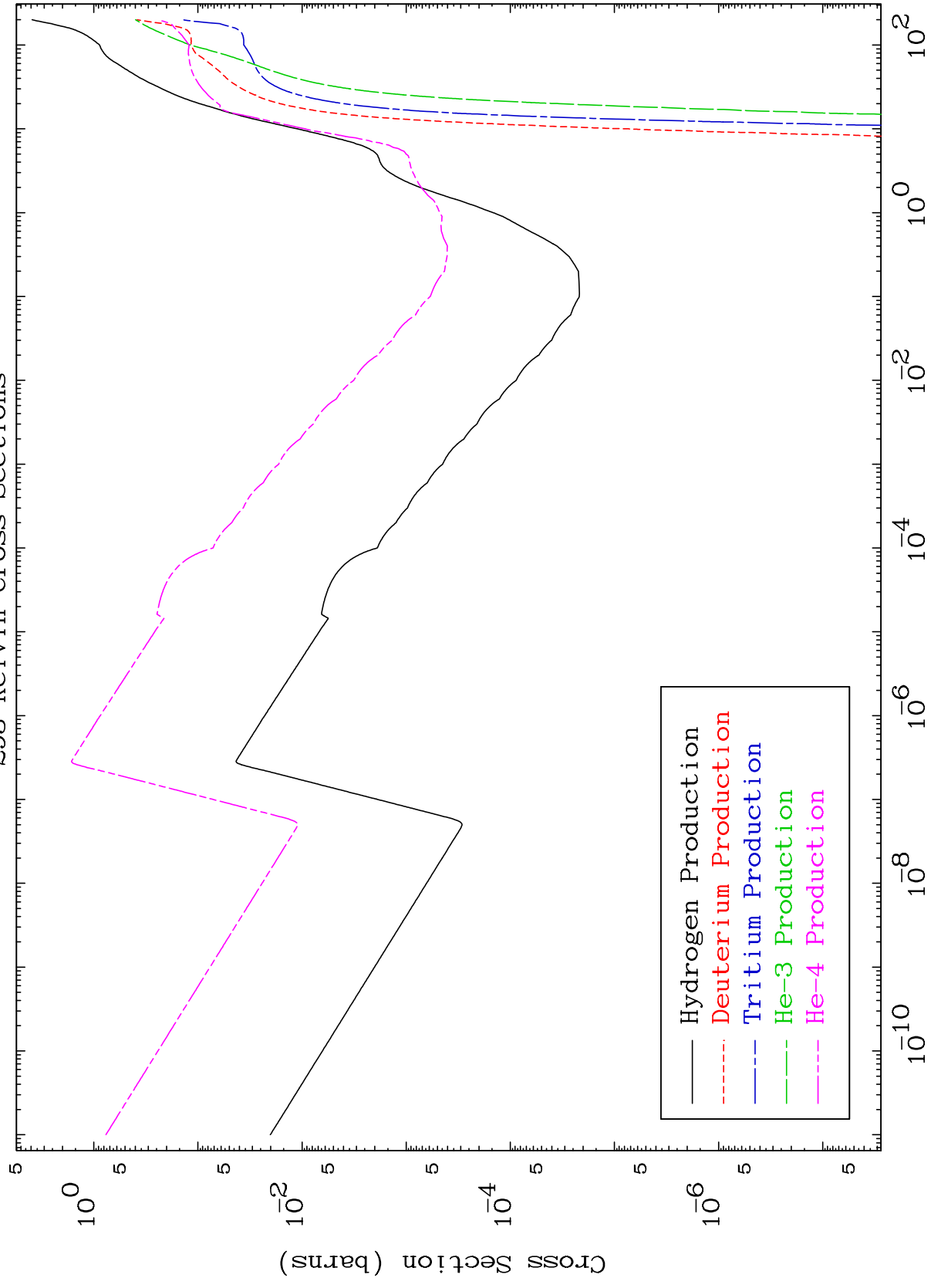
66-Dy-153



MAT 6616

Particle Production
293 Kelvin Cross Sections

66-Dy-153



6

Incident Energy (MeV)

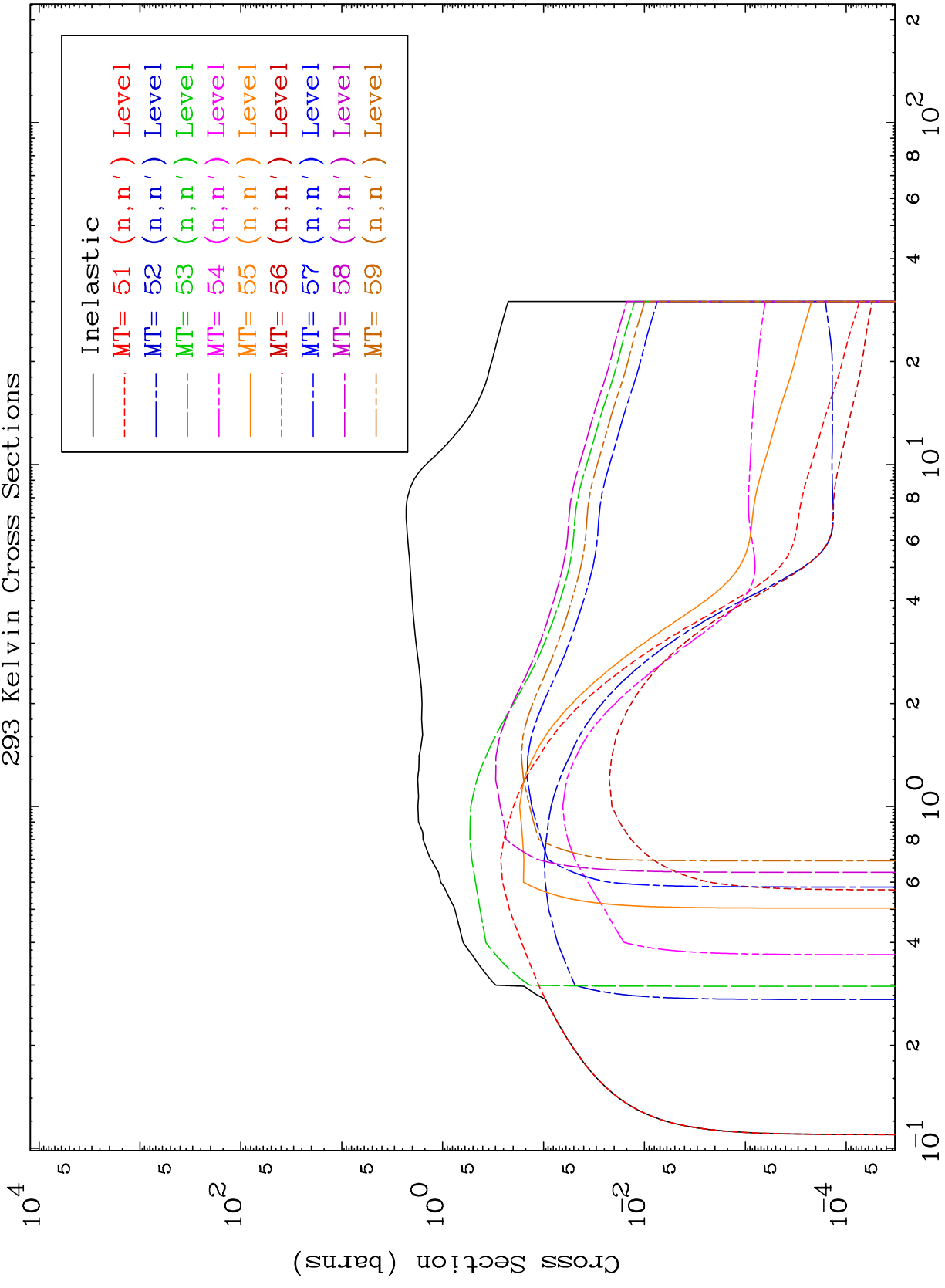
66-Dy-153

MAT 6616

(n,n') Level

66-Dy-153

293 Kelvin Cross Sections



Incident Energy (MeV)

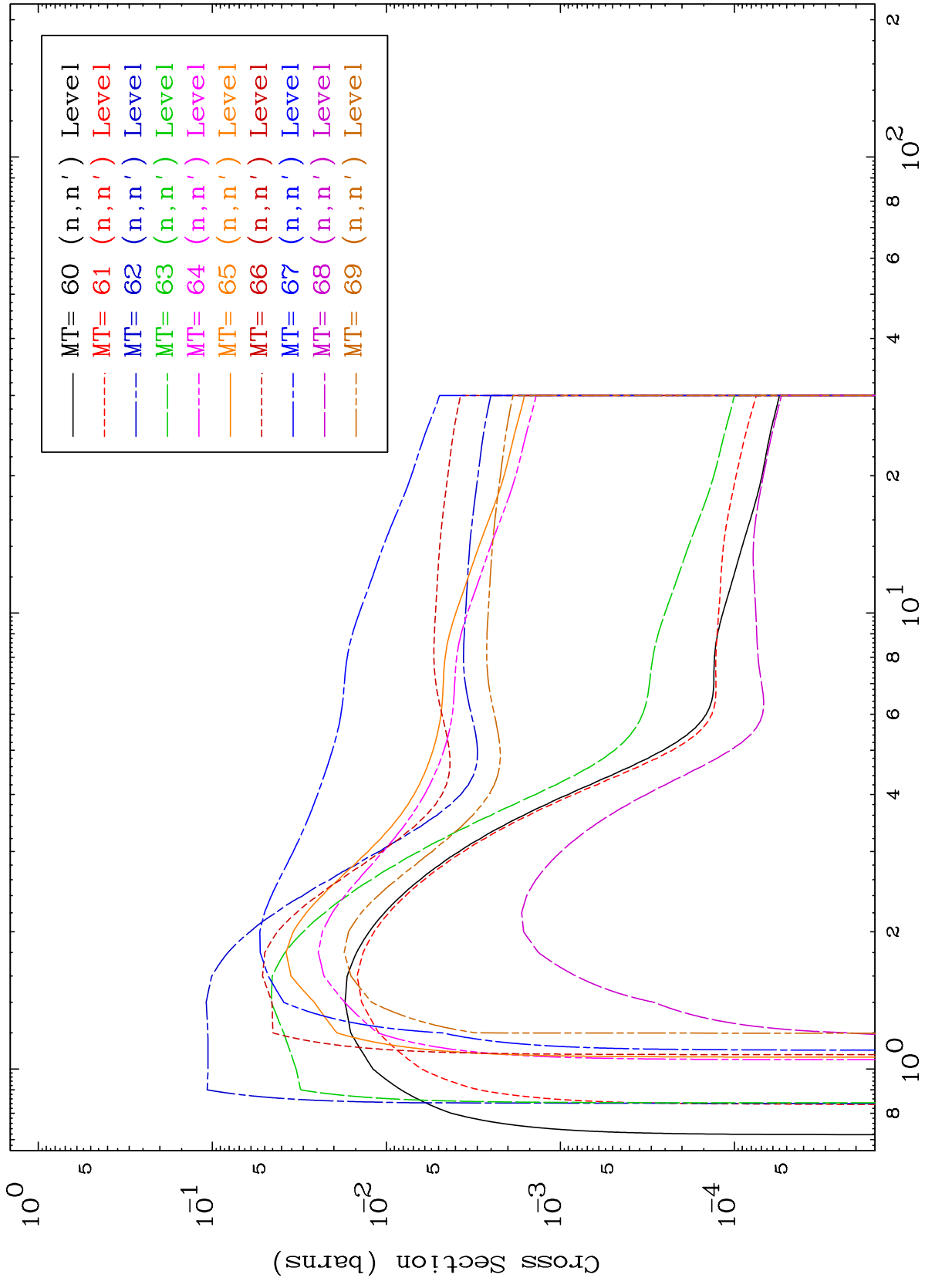
66-Dy-153

MAT 6616

(n,n') Level

66-Dy-153

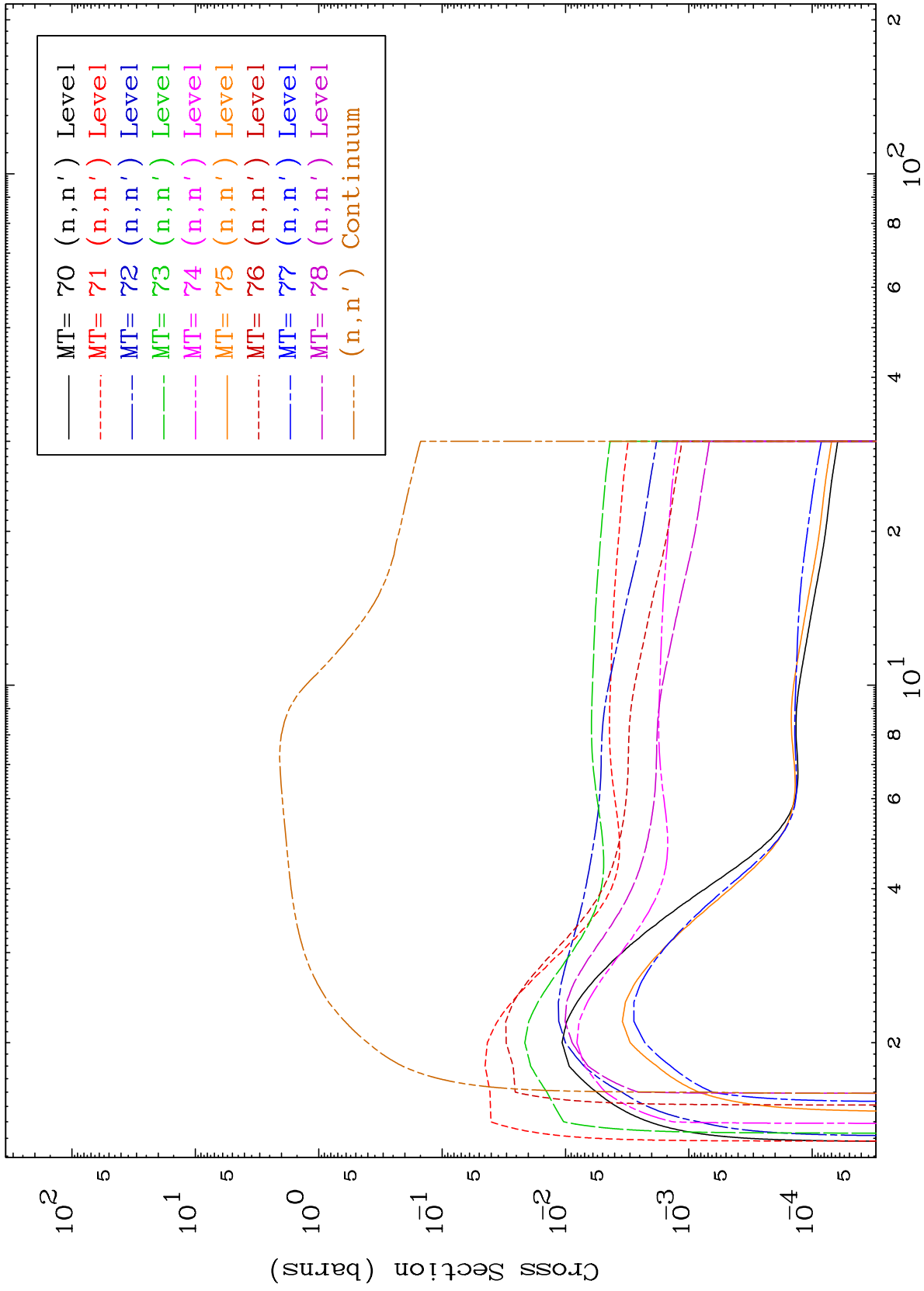
293 Kelvin Cross Sections



8

Incident Energy (MeV)

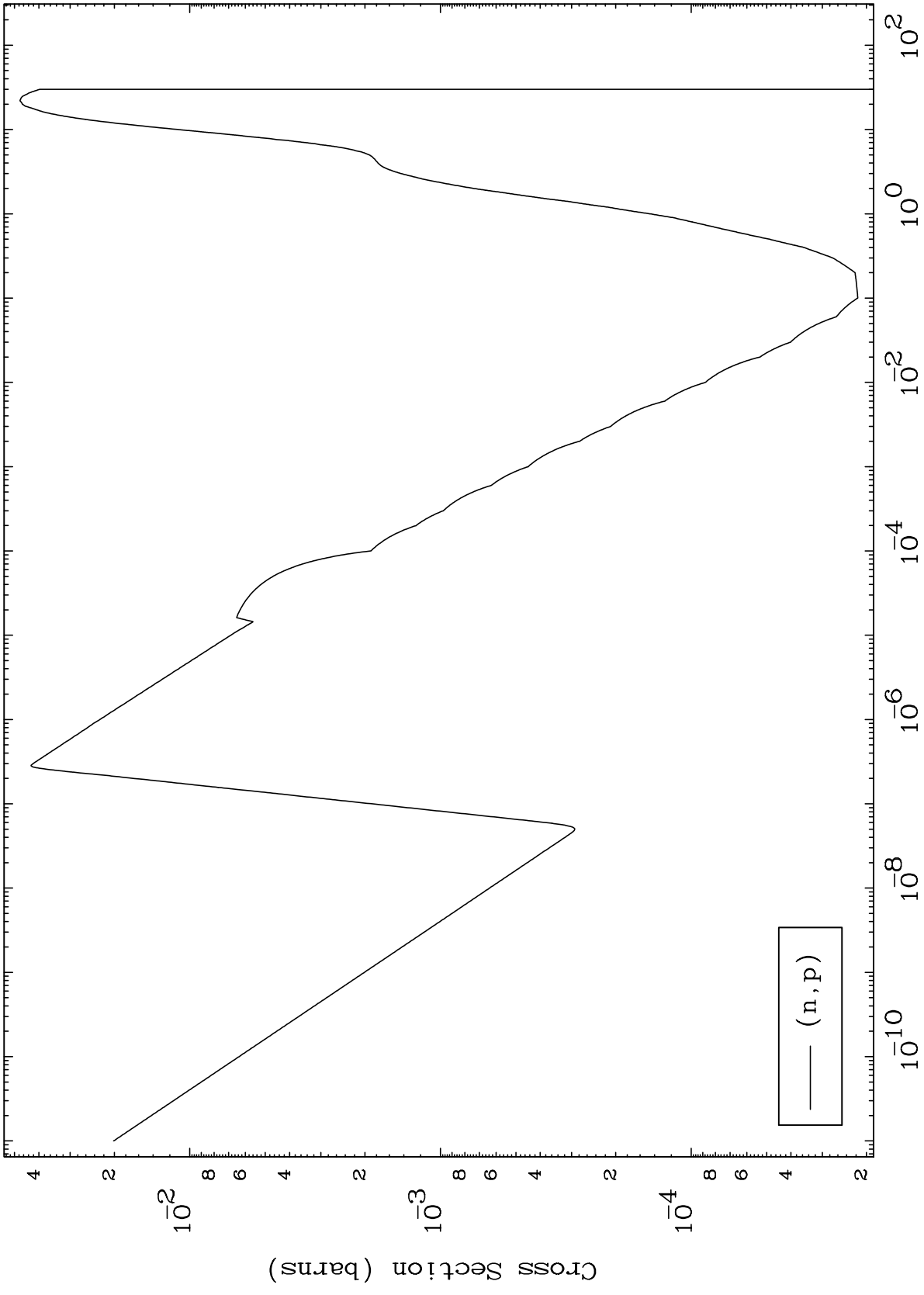
66-Dy-153



MAT 6616

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-153



10

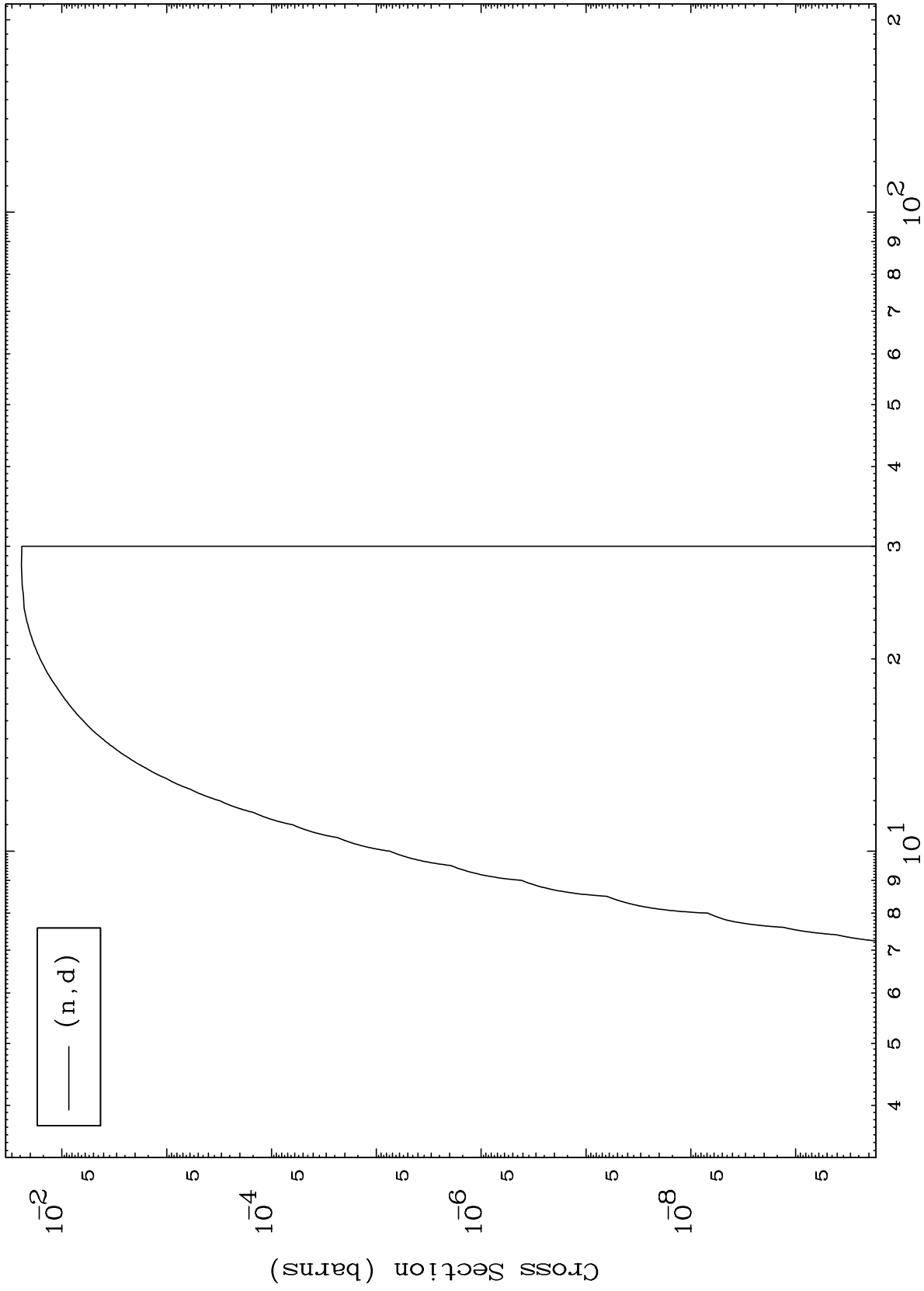
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-153



11

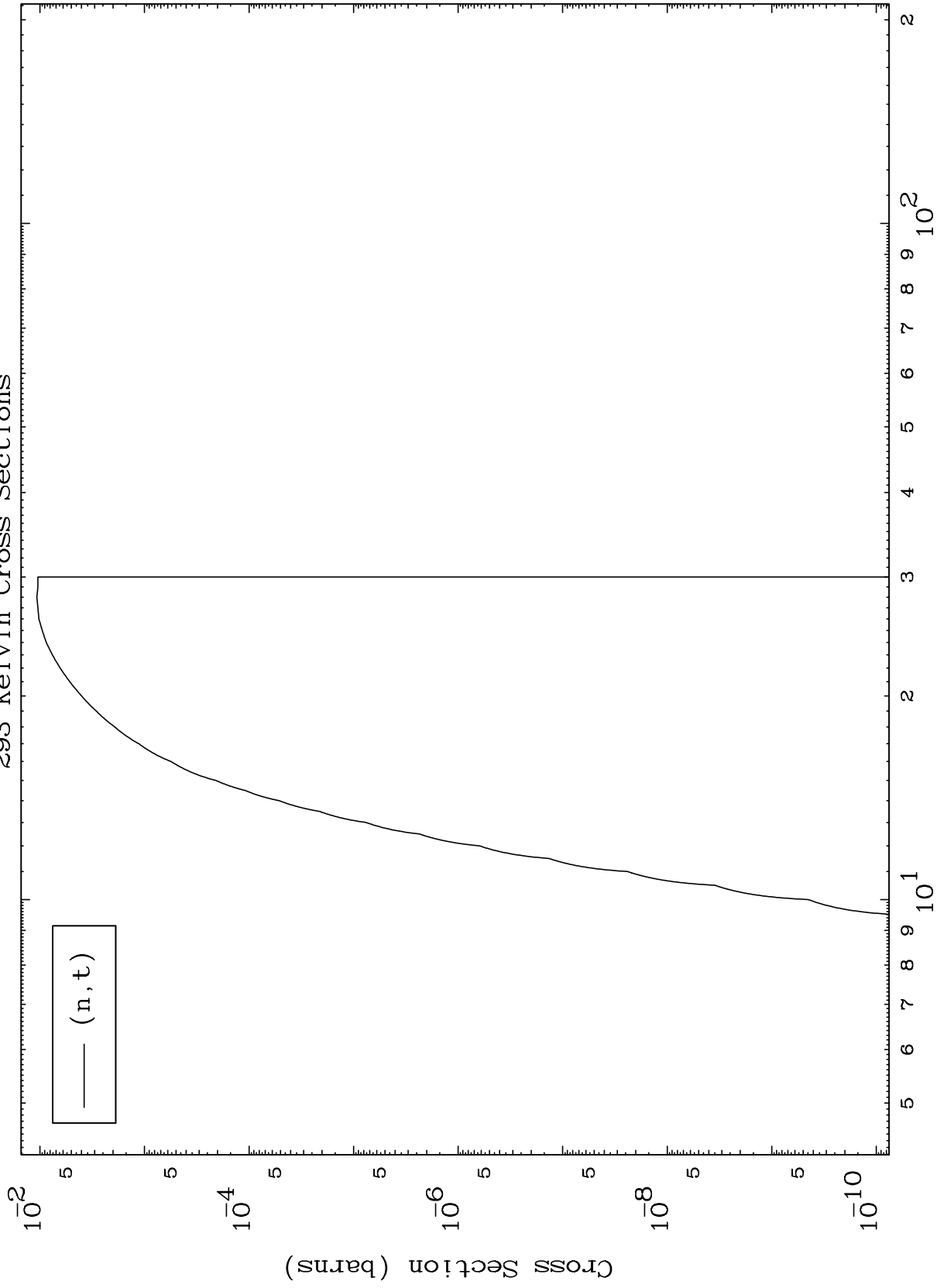
Incident Energy (MeV)

66-Dy-153

MAT 6616

66-Dy-153

(n,t) Levels
293 Kelvin Cross Sections



12

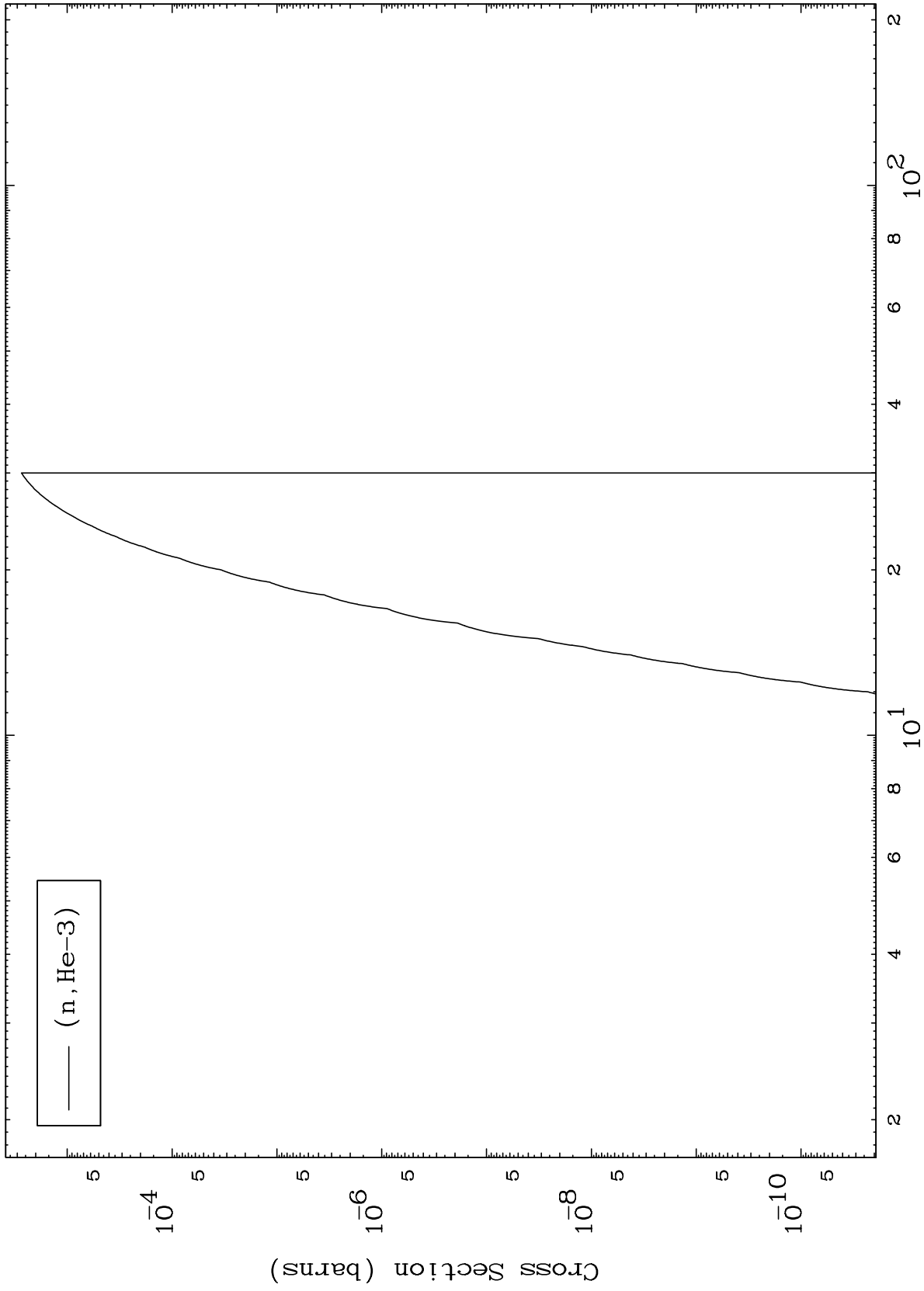
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-153



13

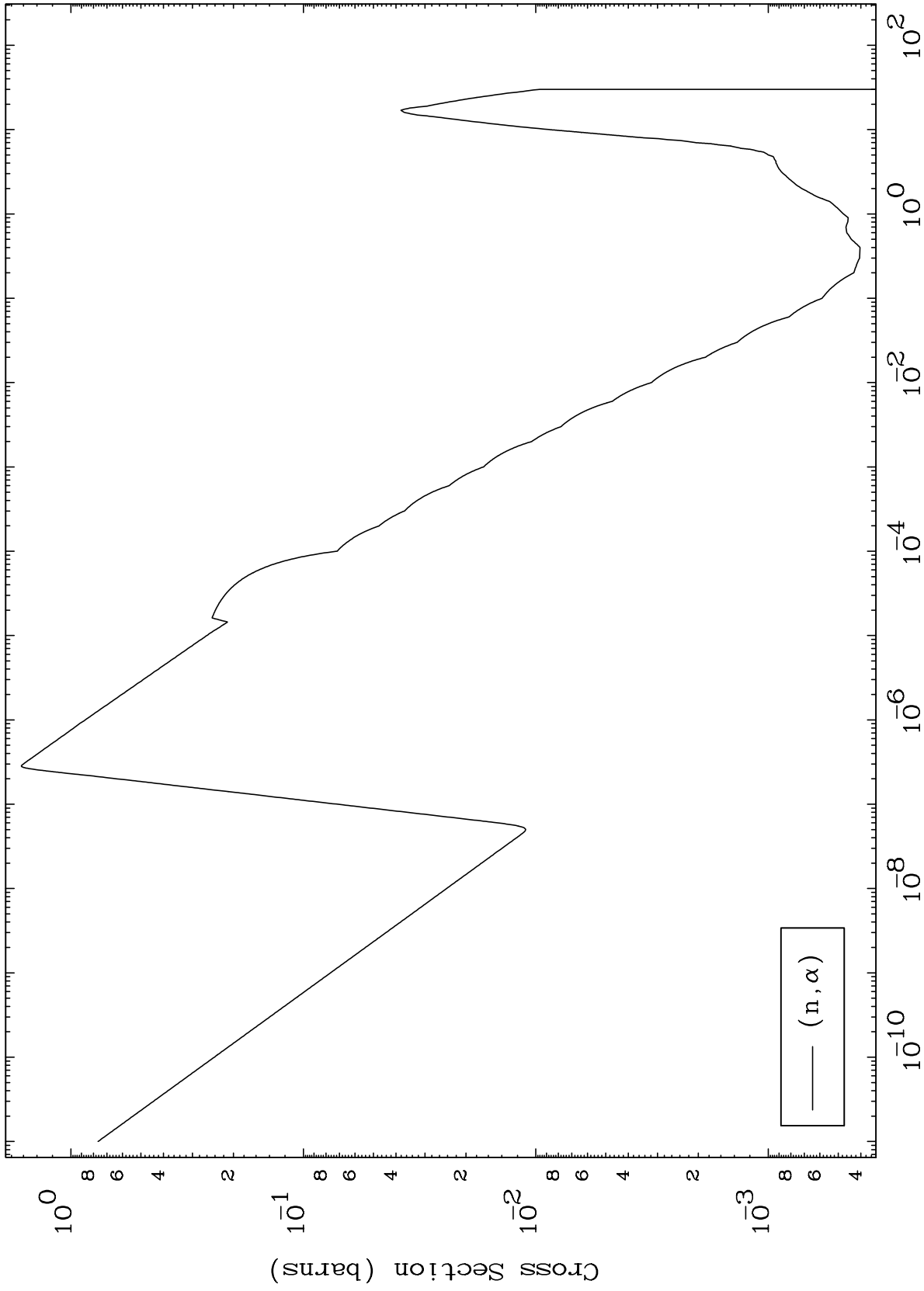
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n,α) Levels
293 Kelvin Cross Sections

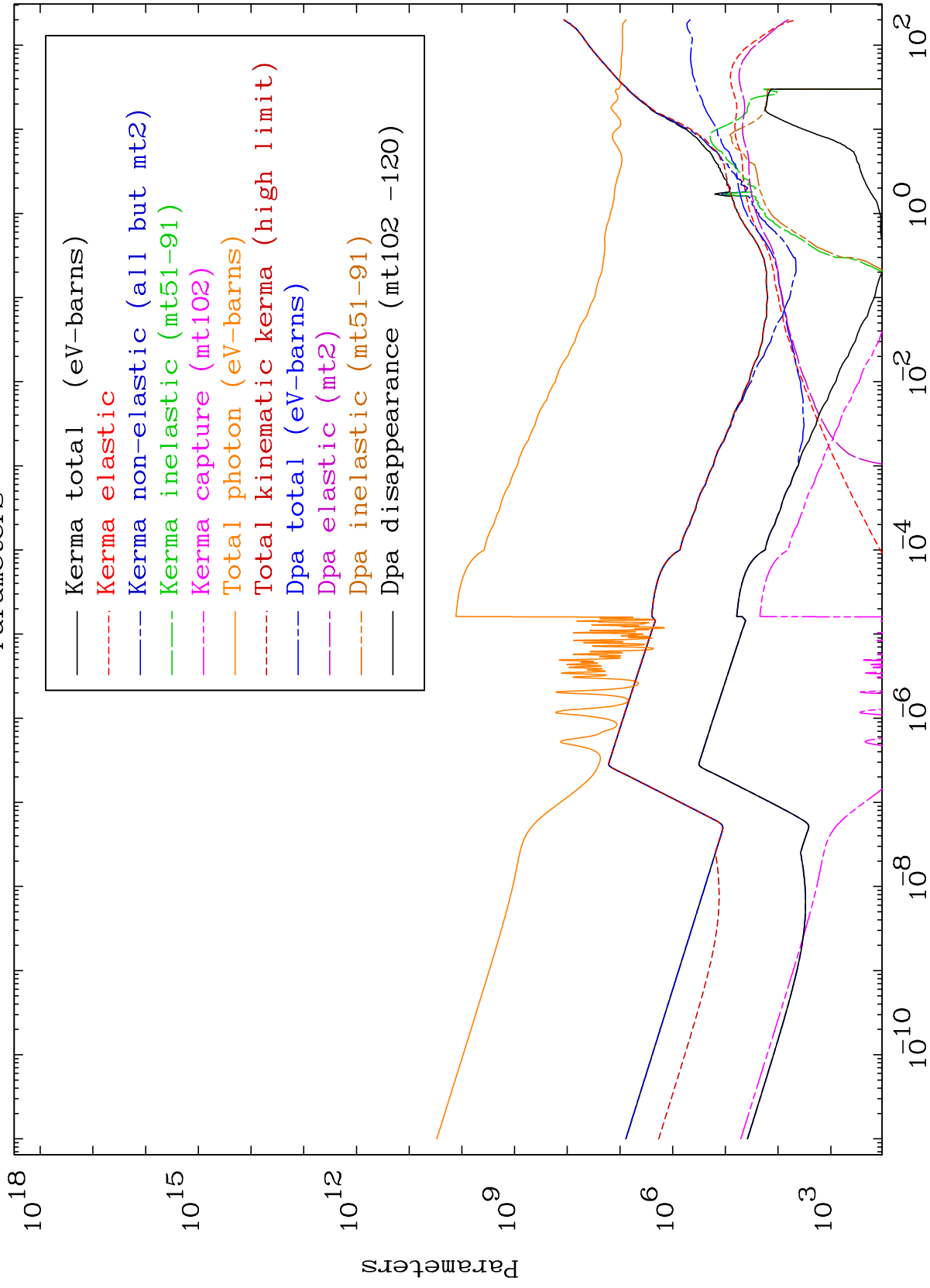
66-Dy-153



14

Incident Energy (MeV)

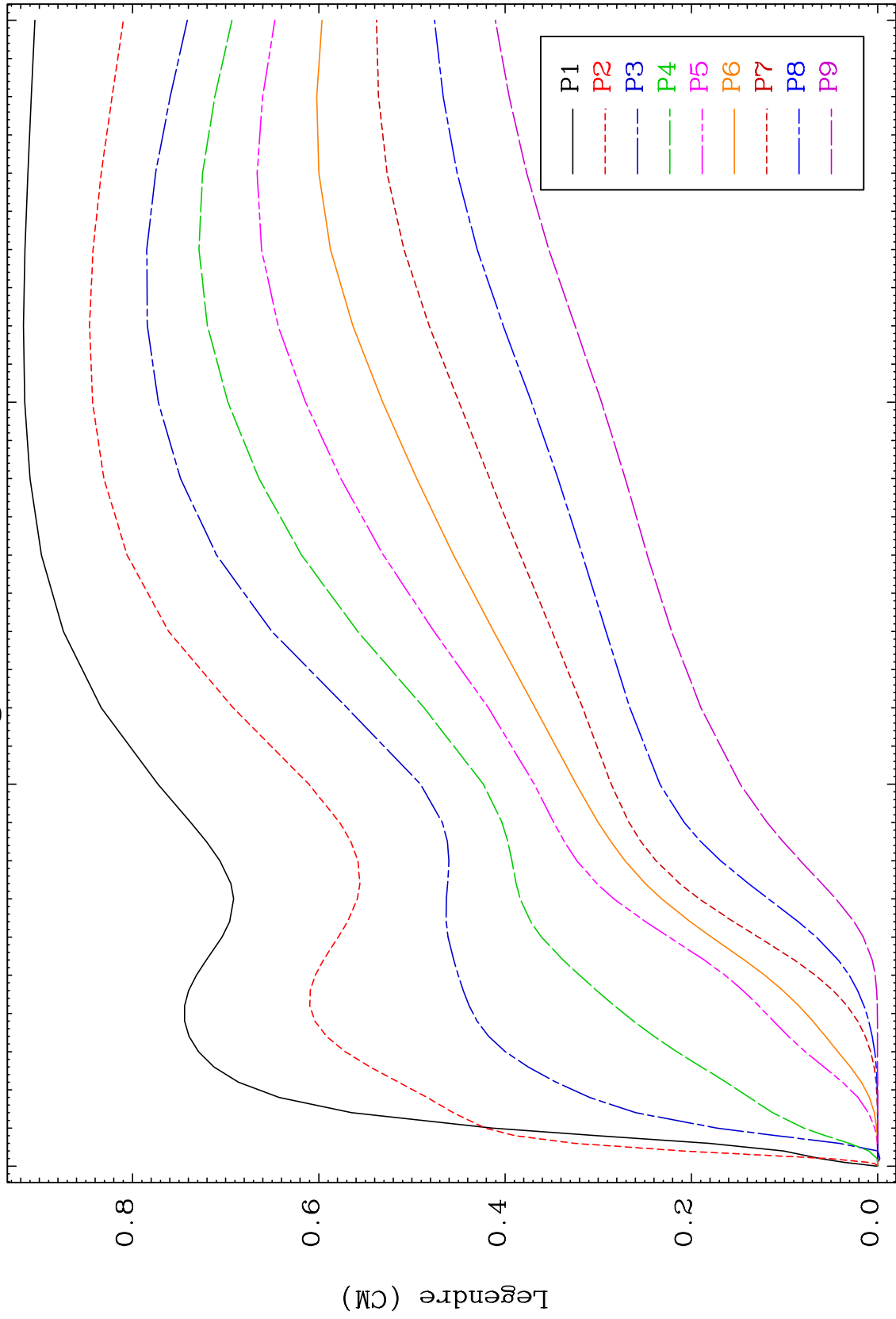
66-Dy-153



MAT 6616

Elastic Legendre Coefficients

66-Dy-153



16

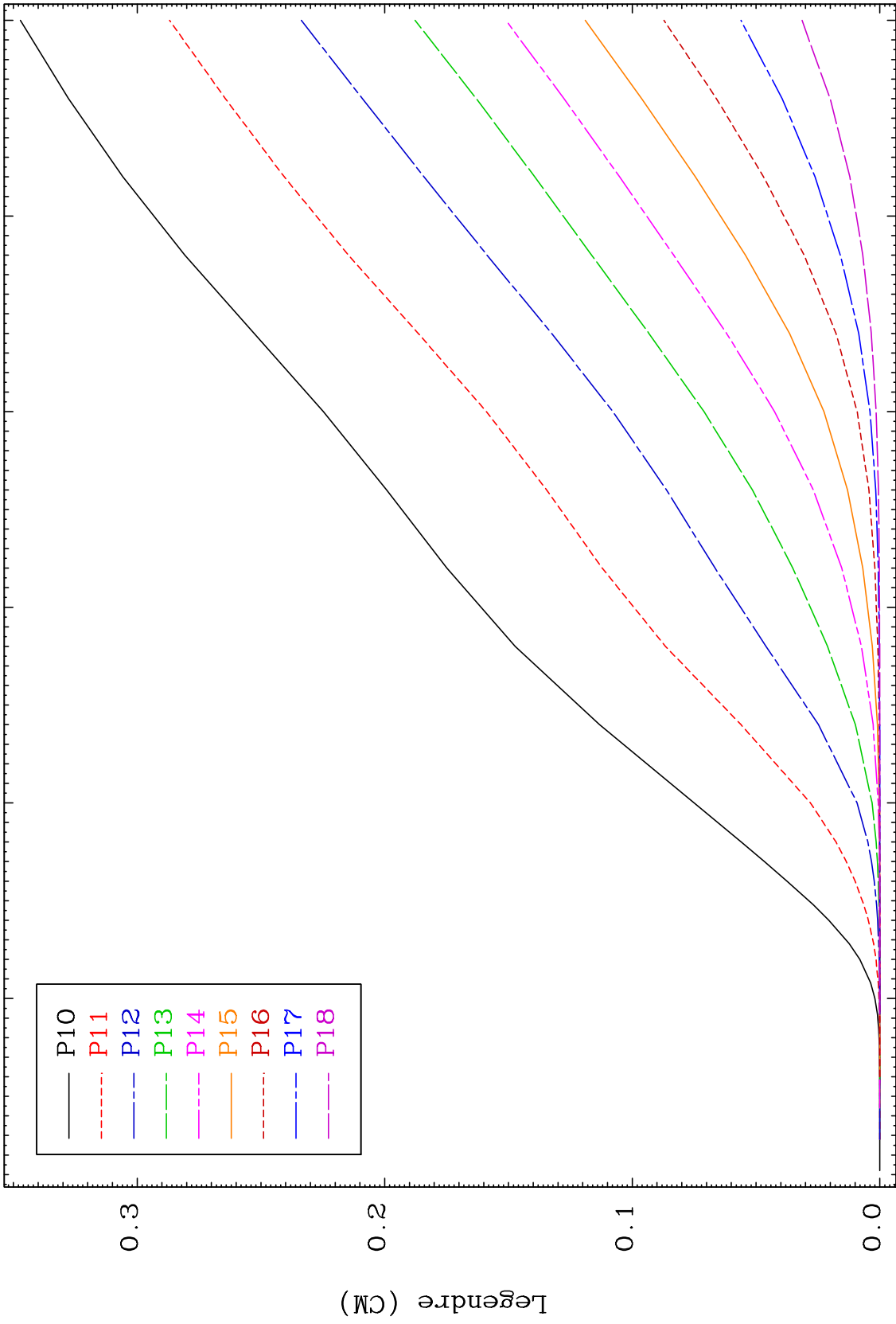
Incident Energy (MeV)

66-Dy-153

MAT 6616

Elastic Legendre Coefficients

66-Dy-153



17

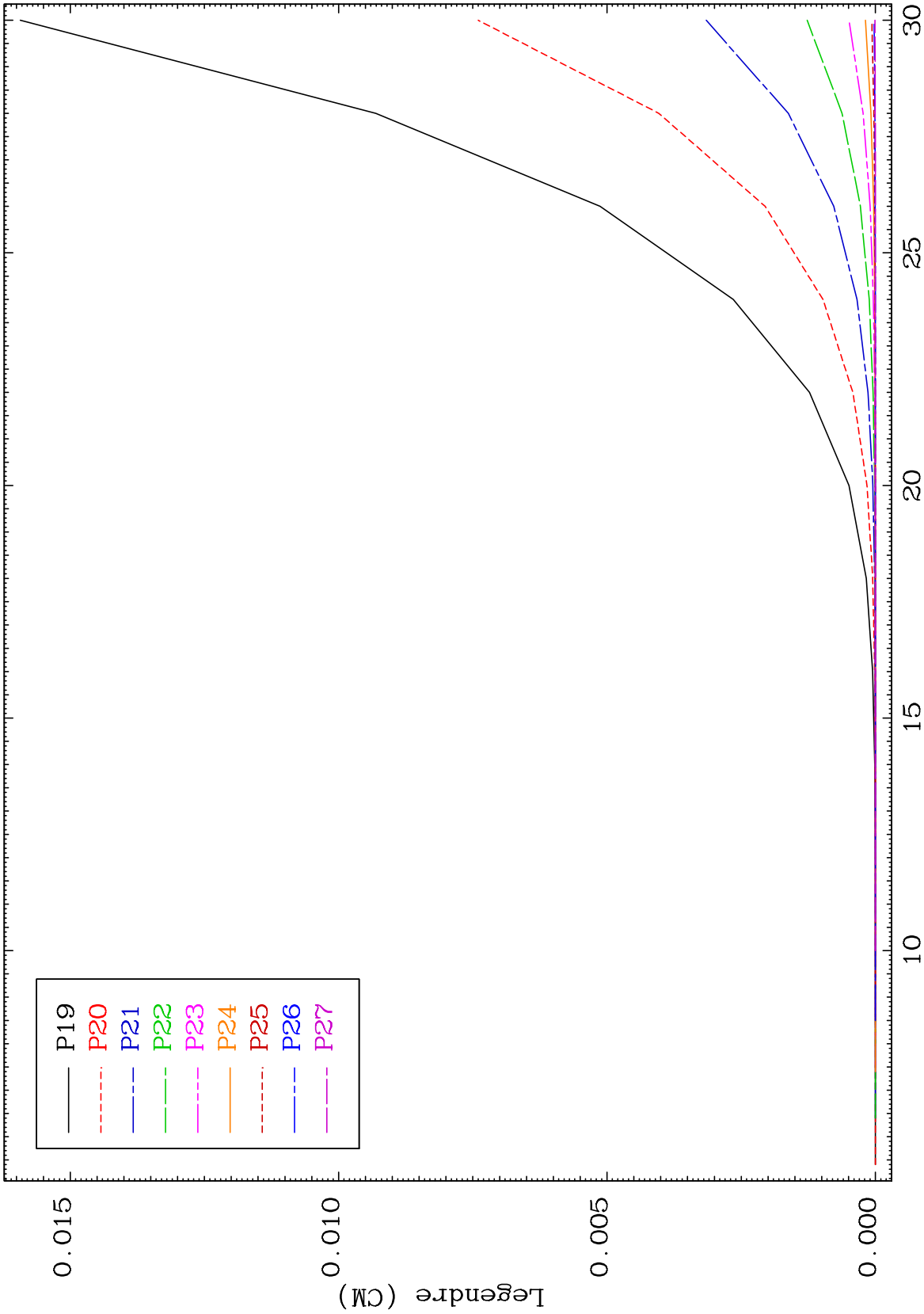
Incident Energy (MeV)

66-Dy-153

MAT 6616

Elastic Legendre Coefficients

66-Dy-153



18

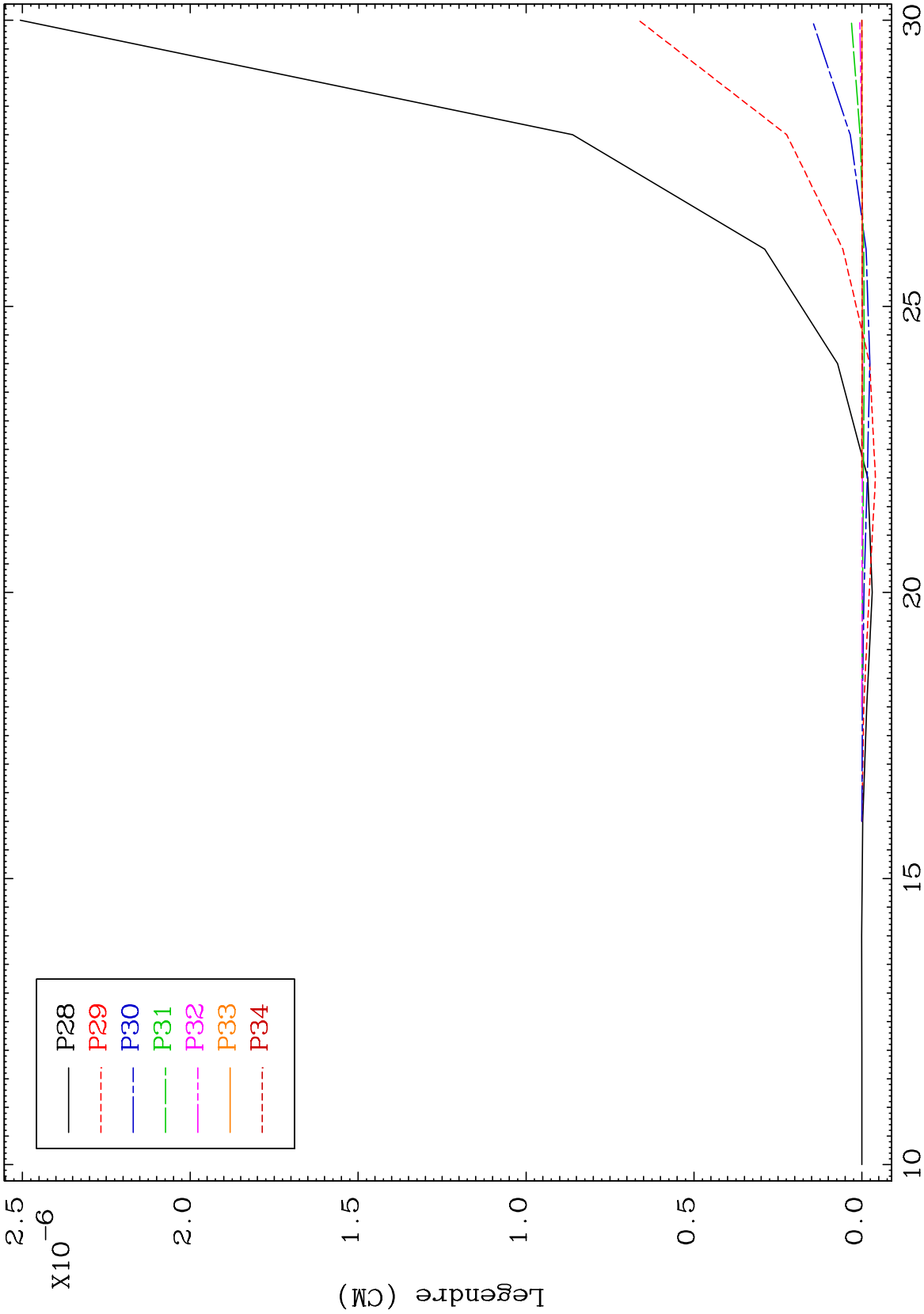
Incident Energy (MeV)

66-Dy-153

MAT 6616

Elastic Legendre Coefficients

66-Dy-153



19

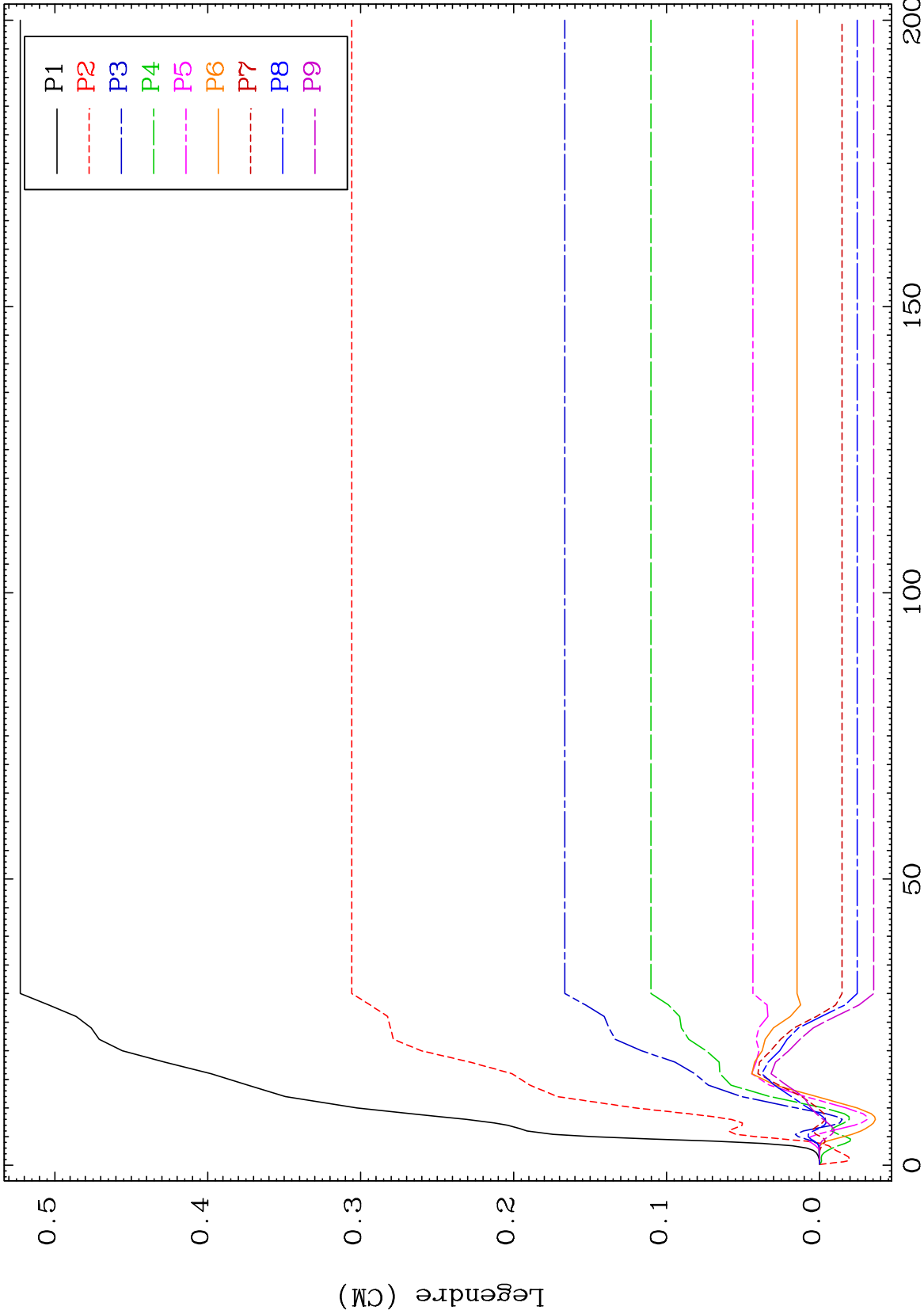
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



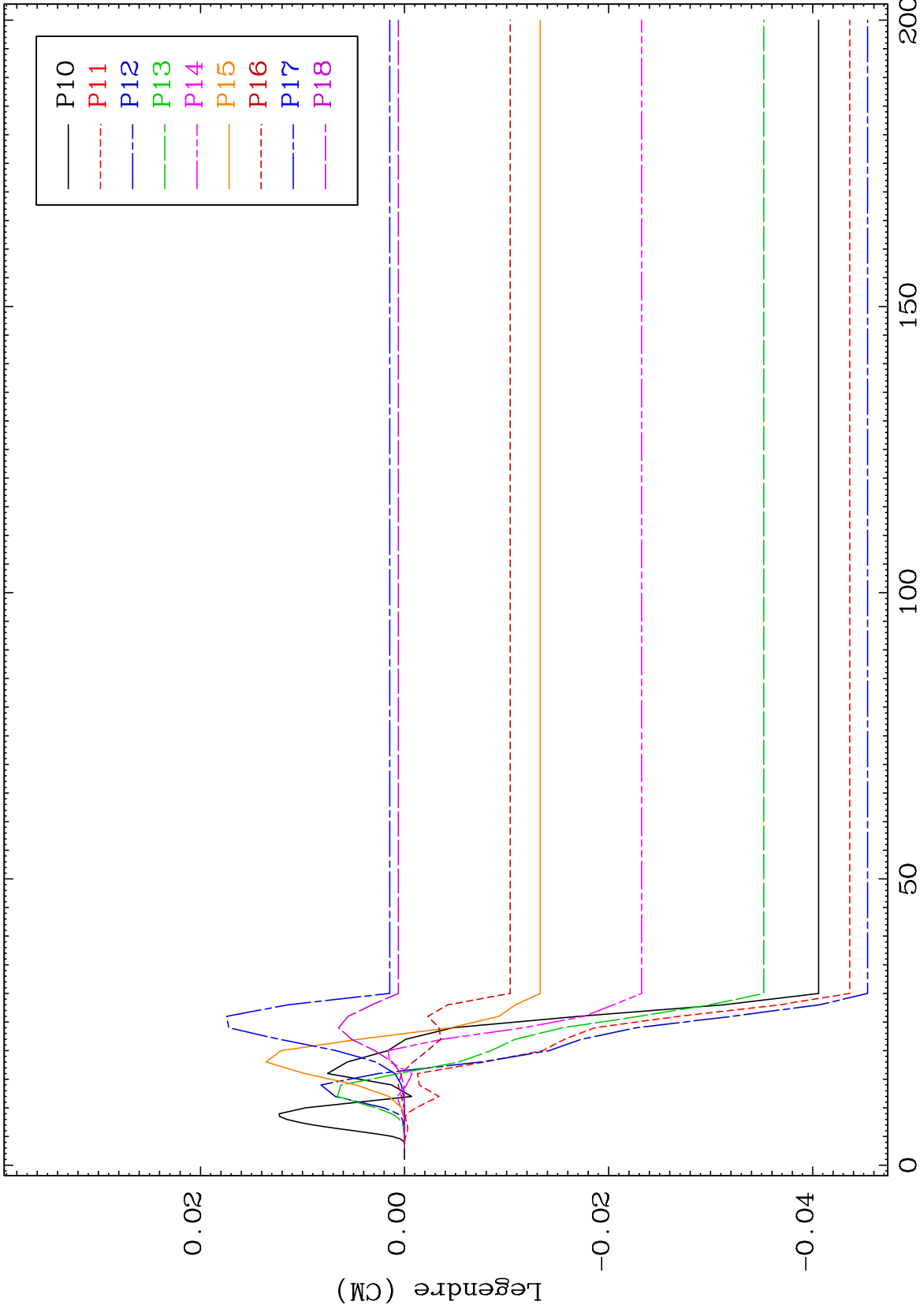
66-Dy-153

Incident Energy (MeV)

MAT 6616

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

66-Dy-153



21

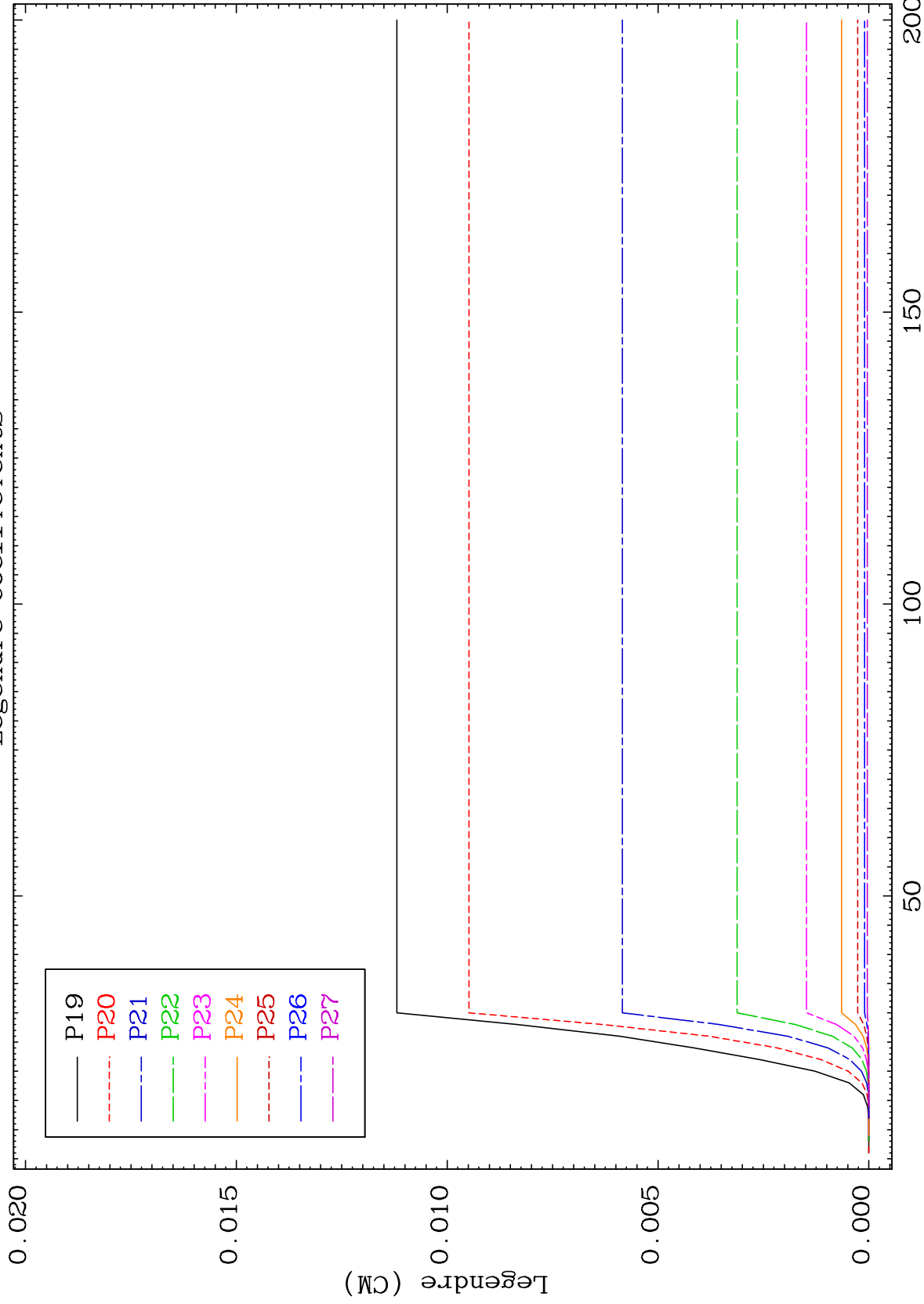
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



22

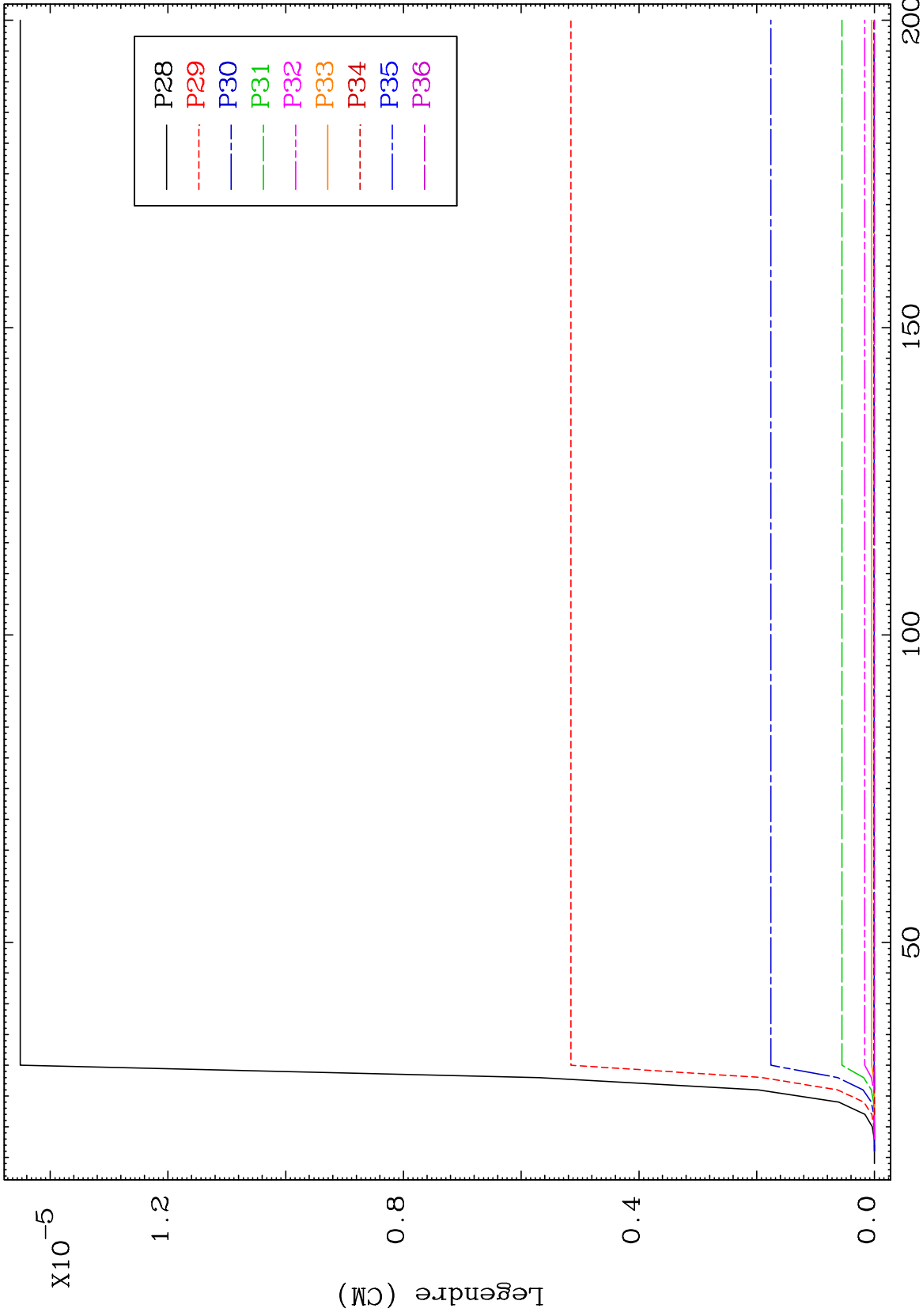
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



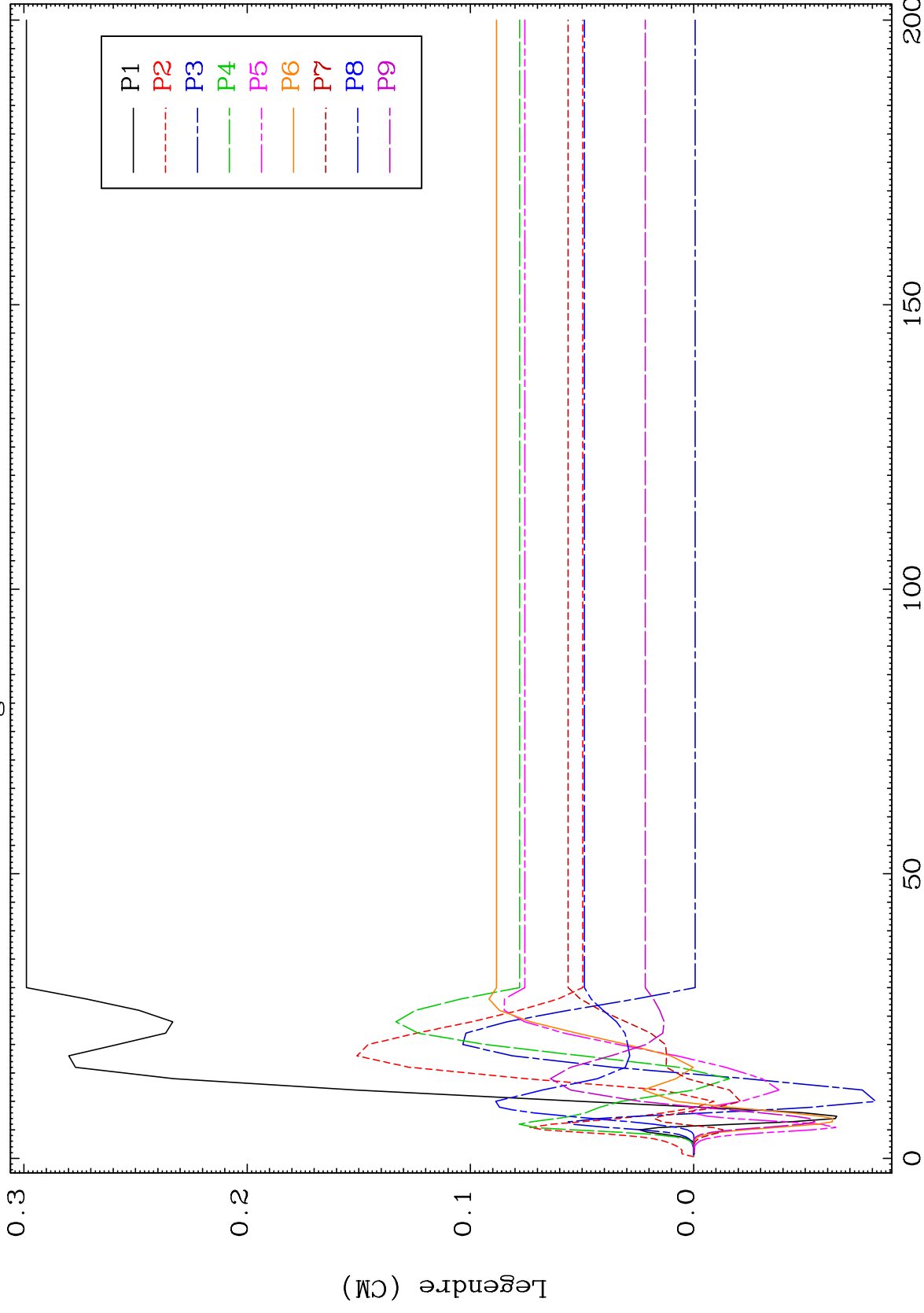
23

66-Dy-153

MAT 6616

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

66-Dy-153



24

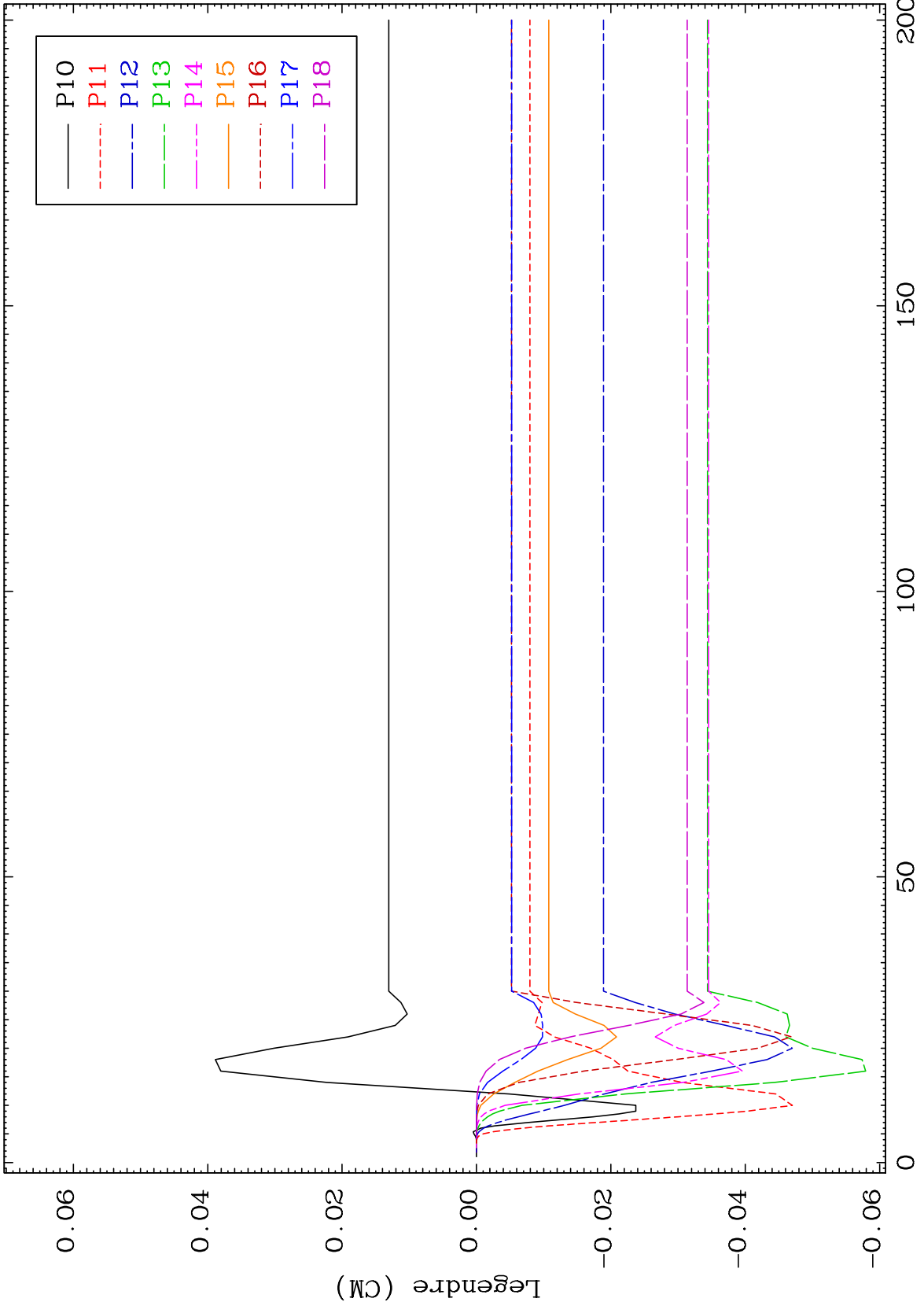
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



25

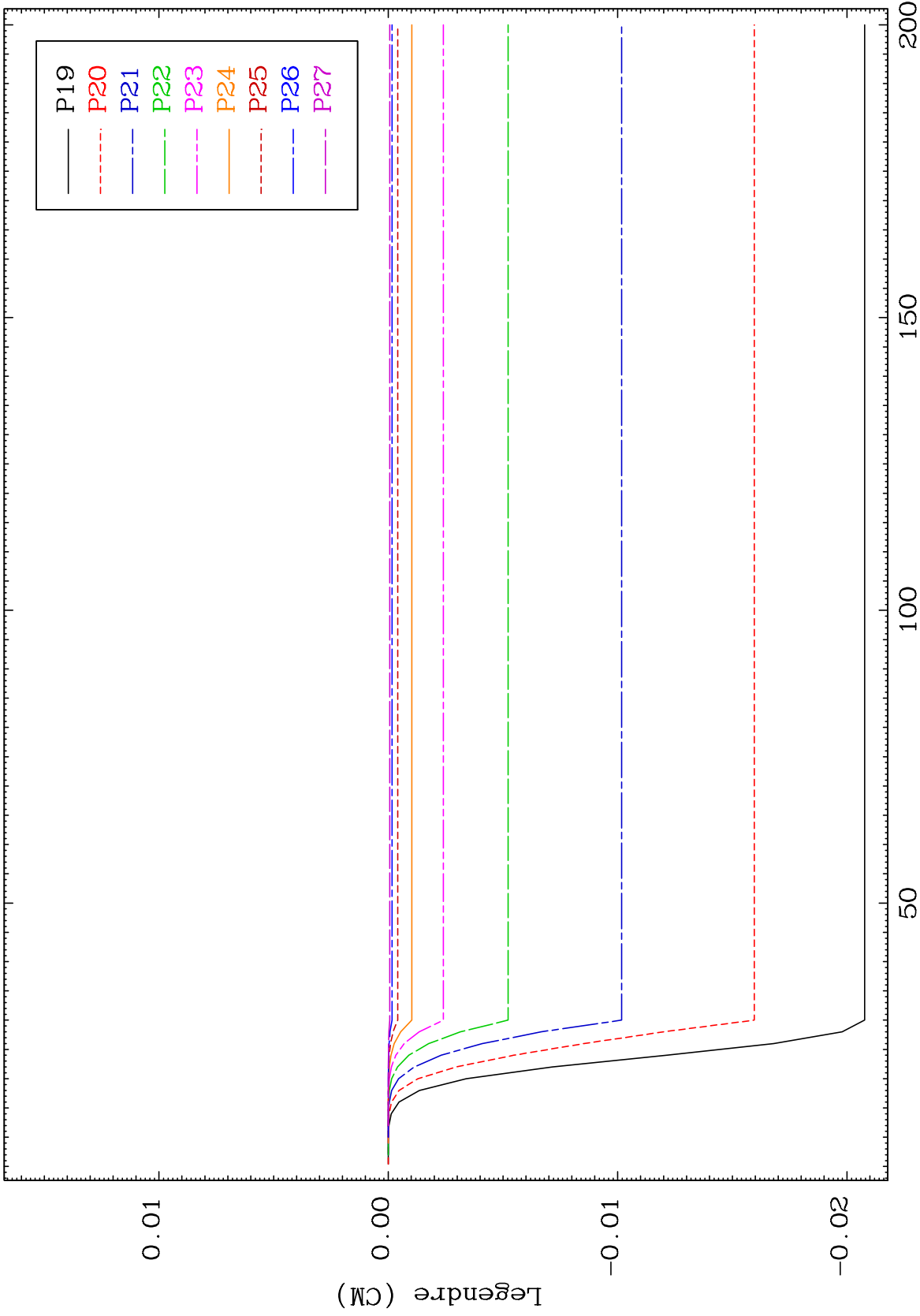
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



26

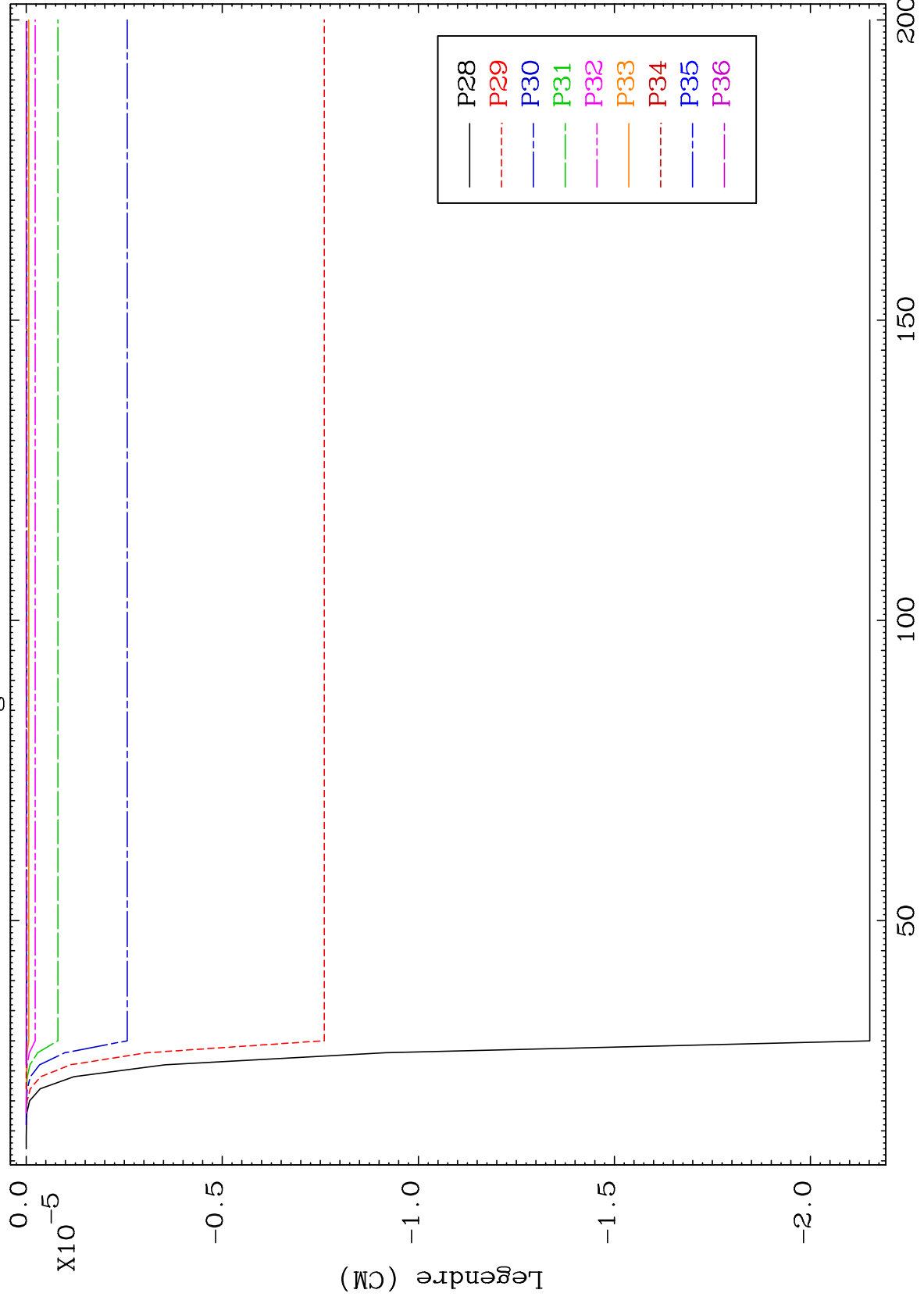
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



66-Dy-153

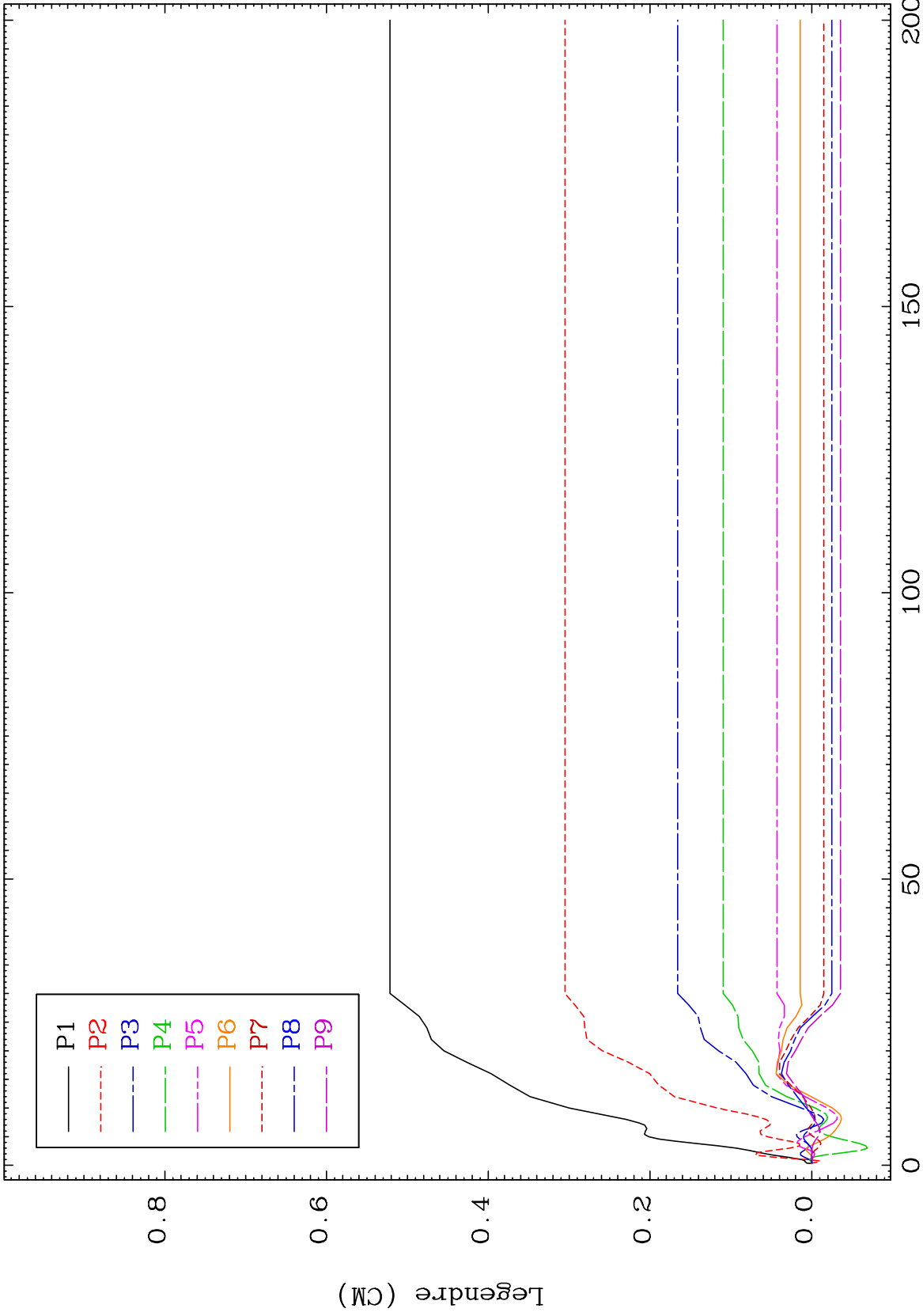
Incident Energy (MeV)

27

MAT 6616

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

66-Dy-153



28

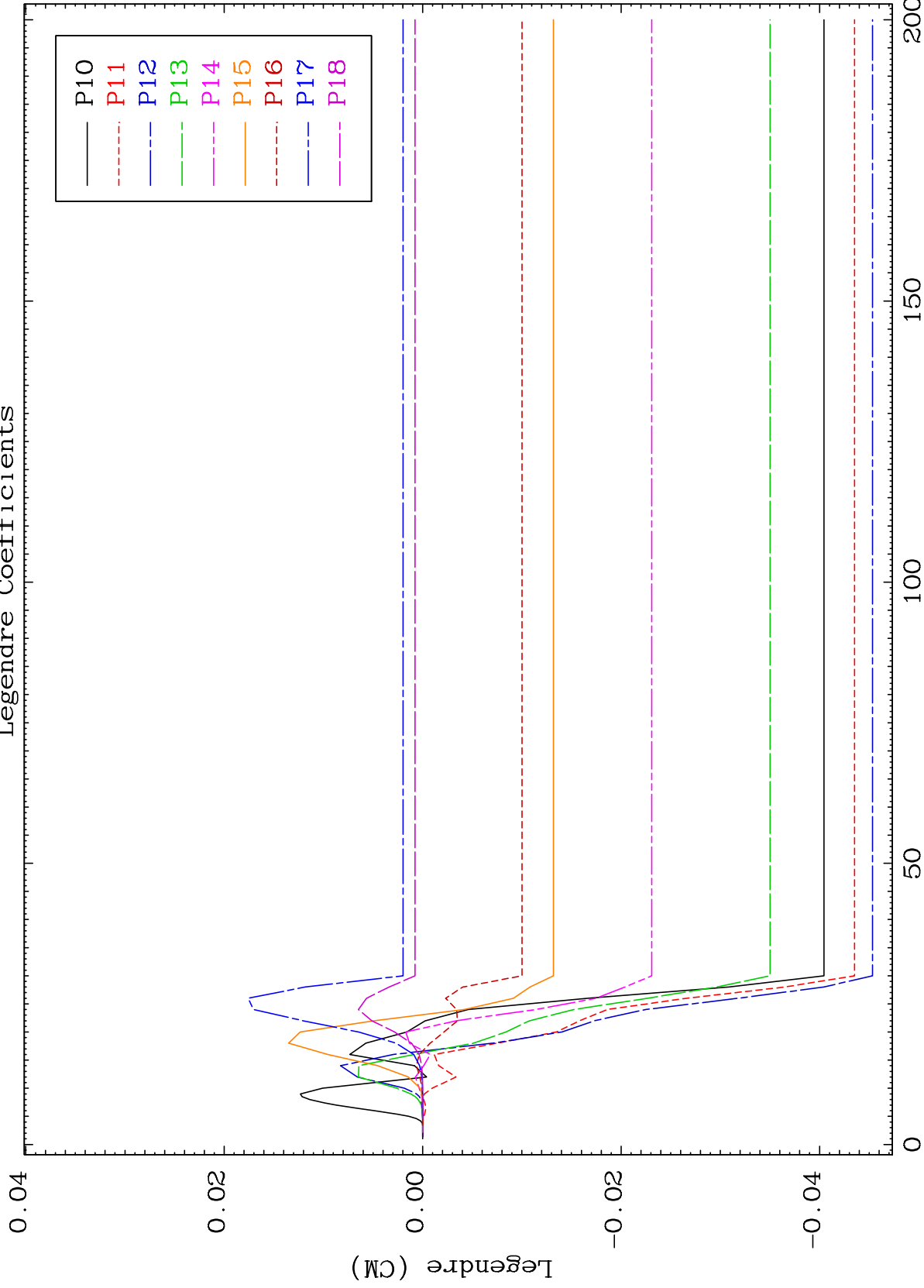
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



29

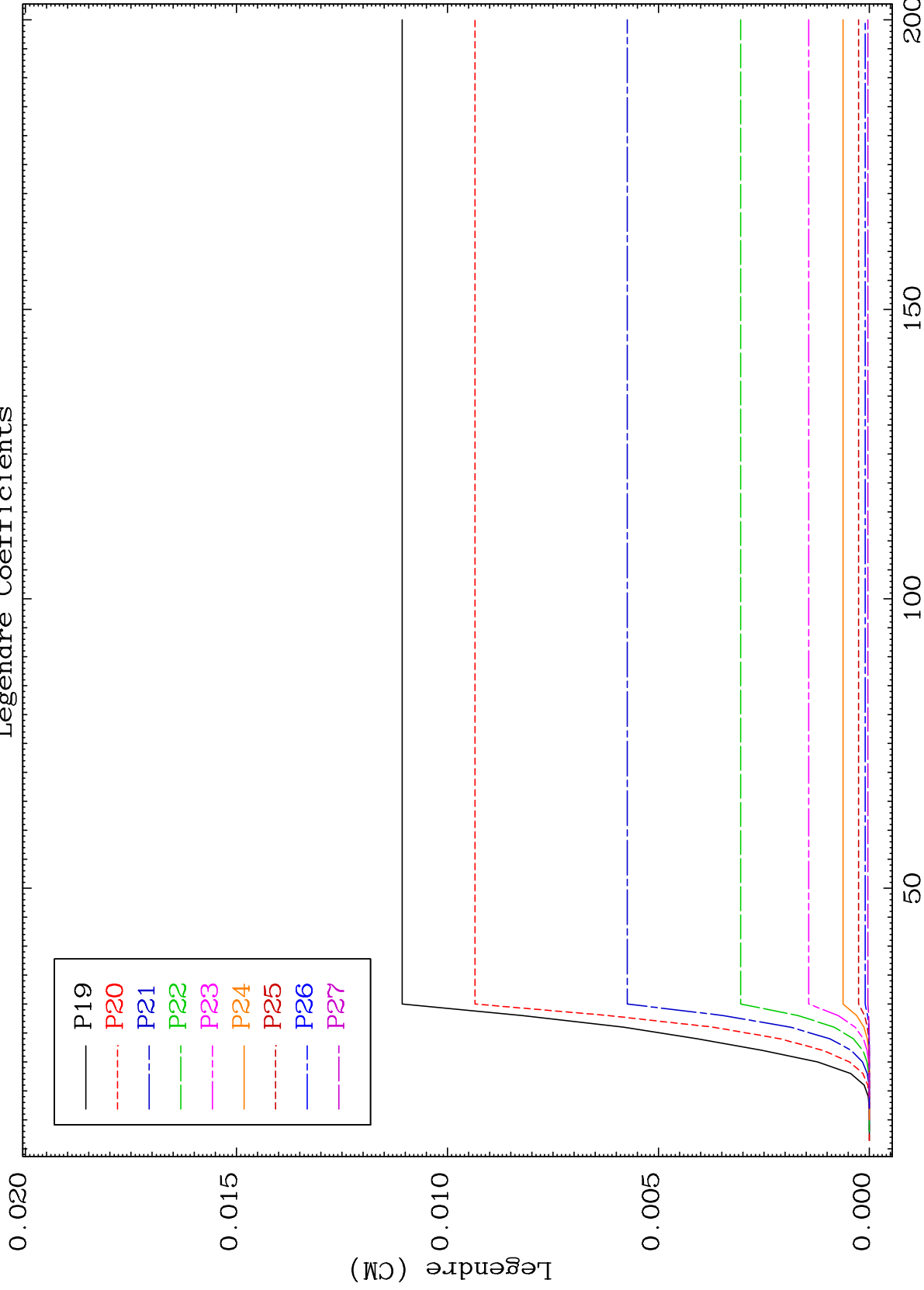
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



30

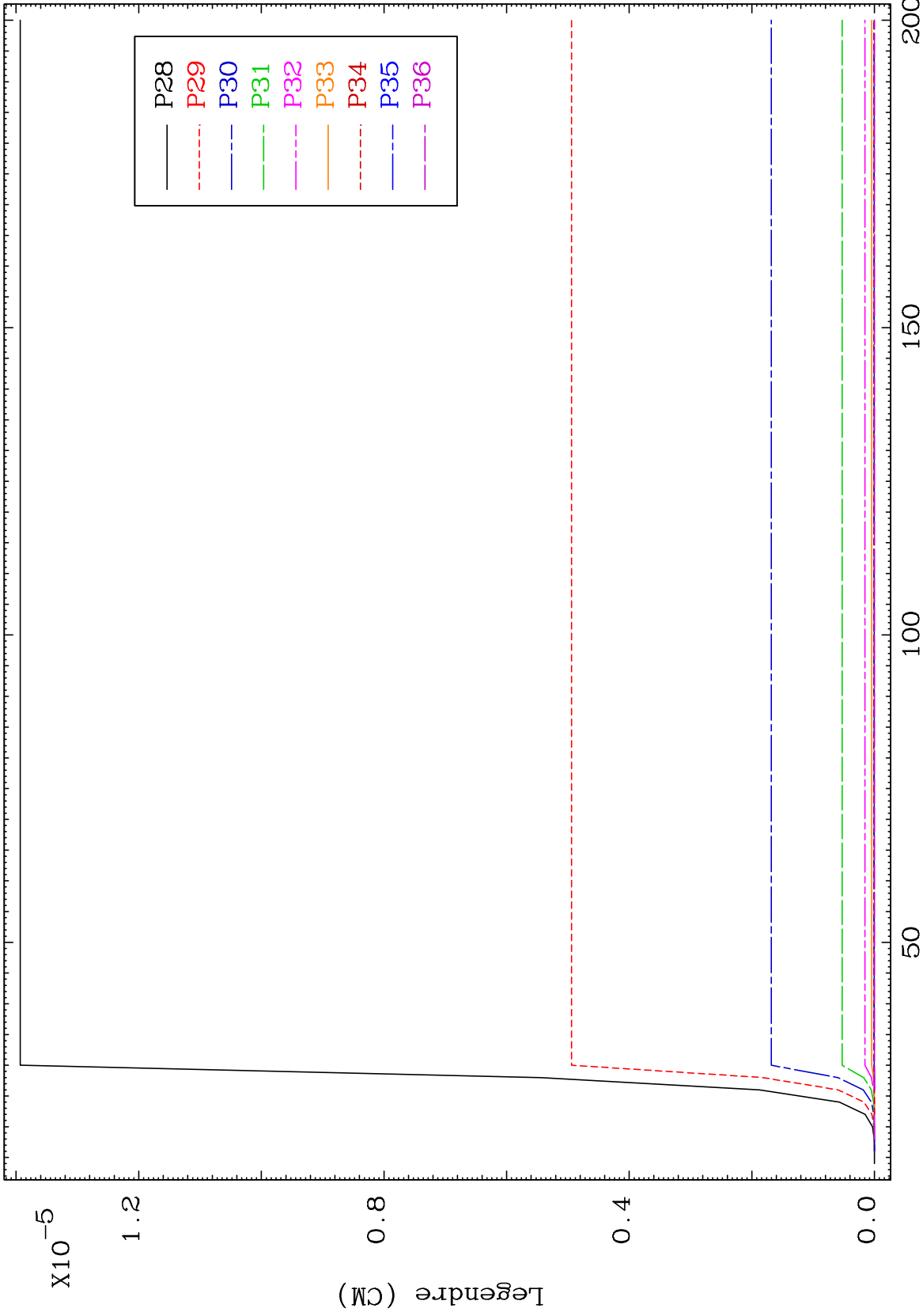
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



31

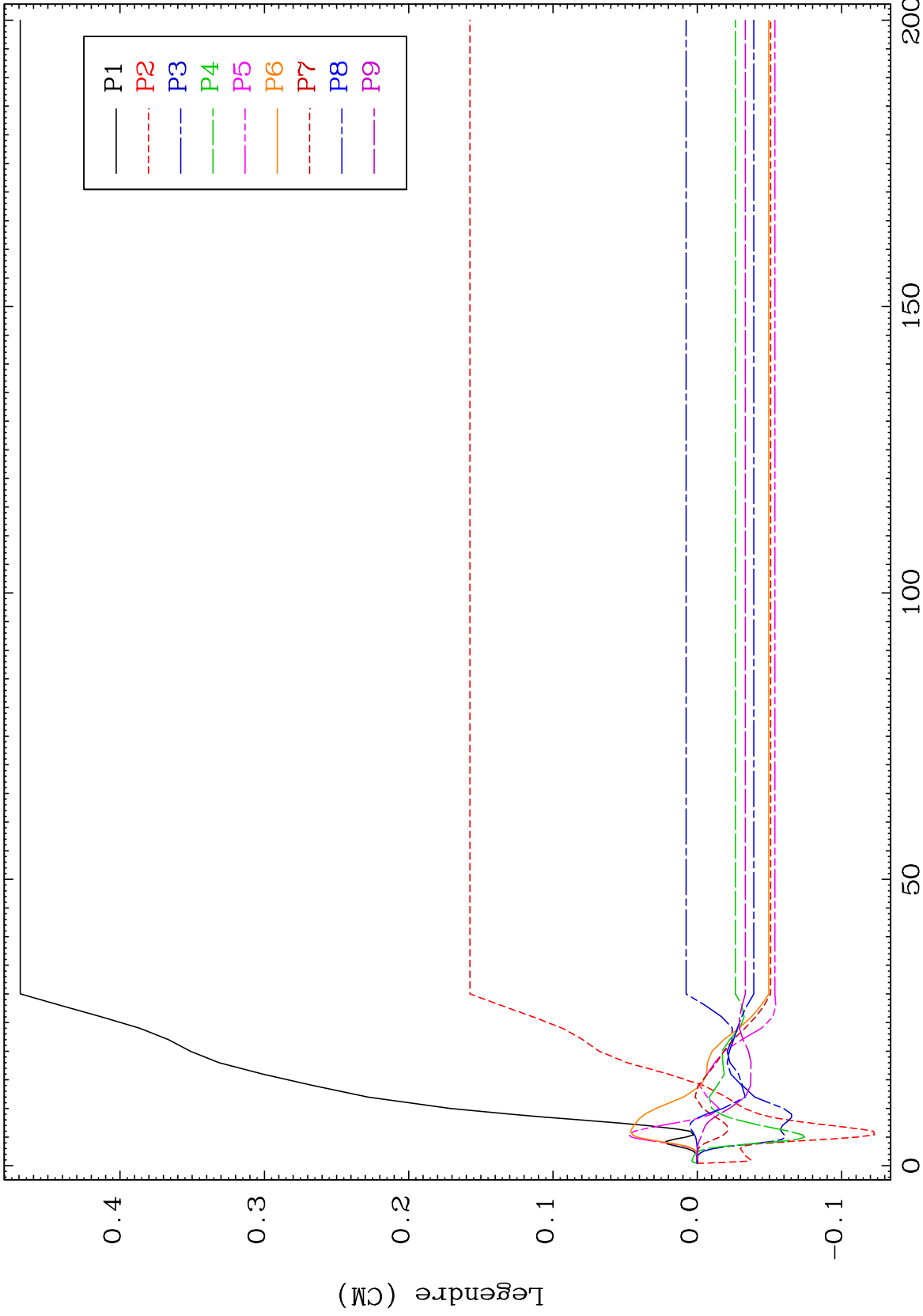
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



32

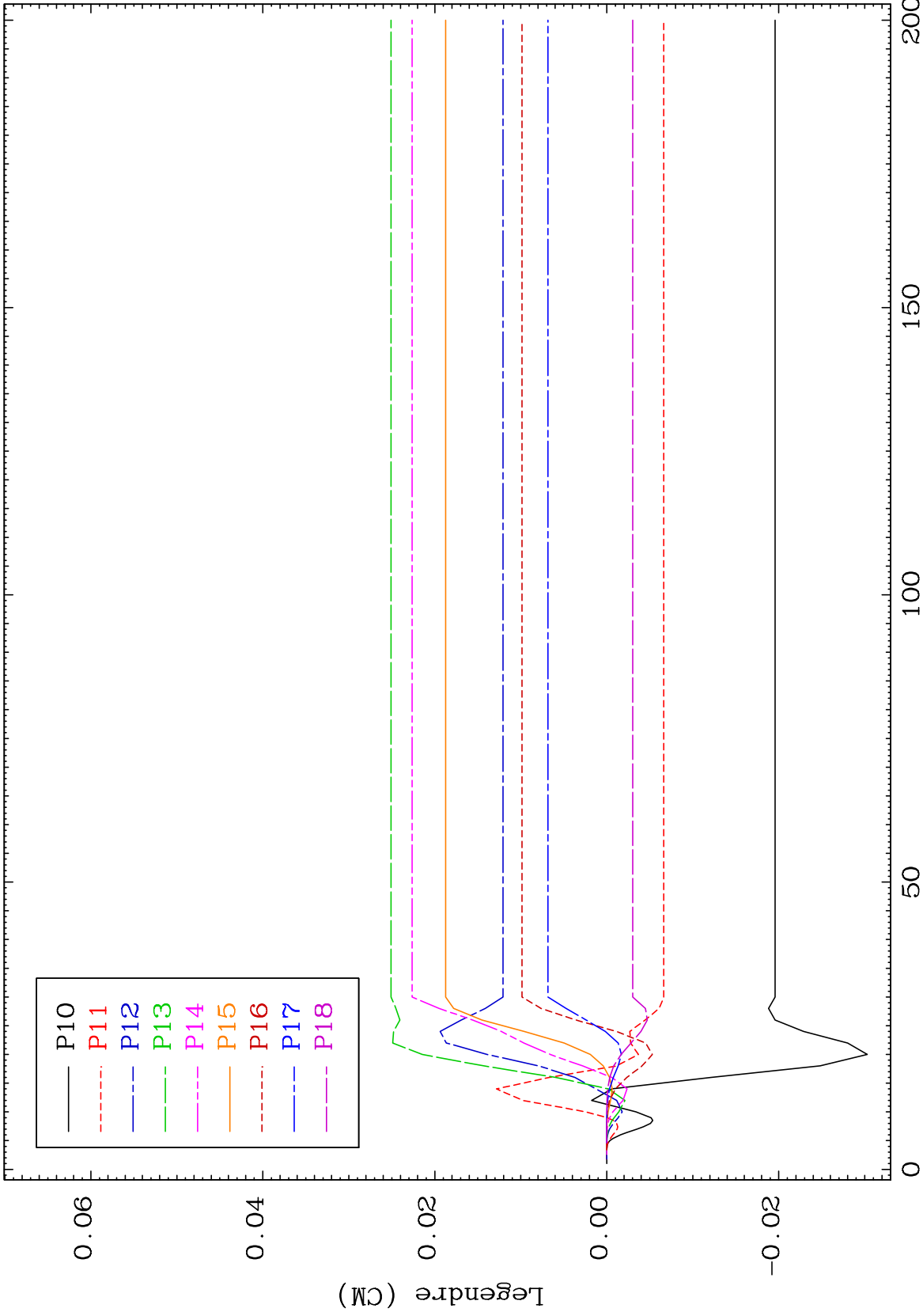
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



33

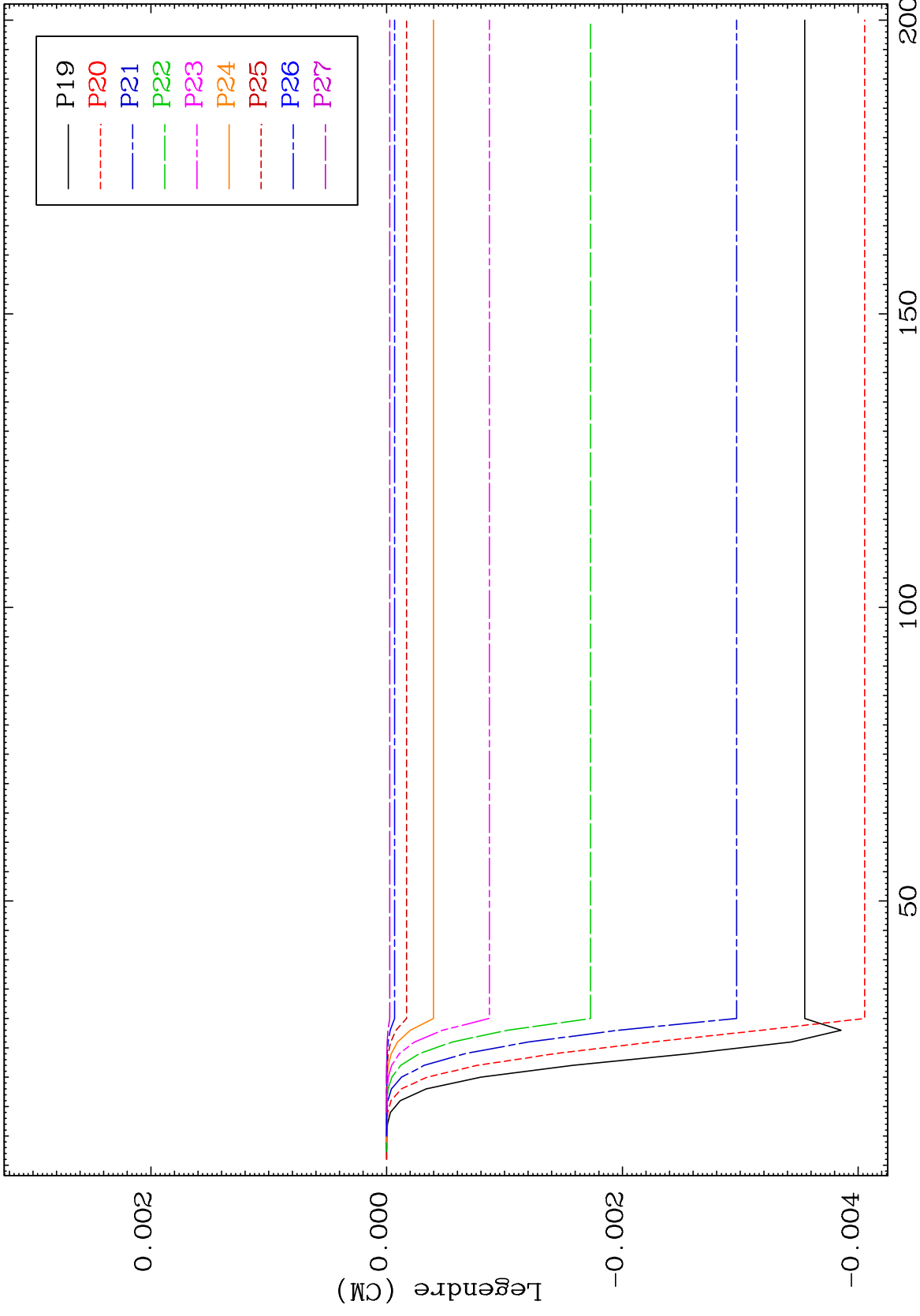
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



34

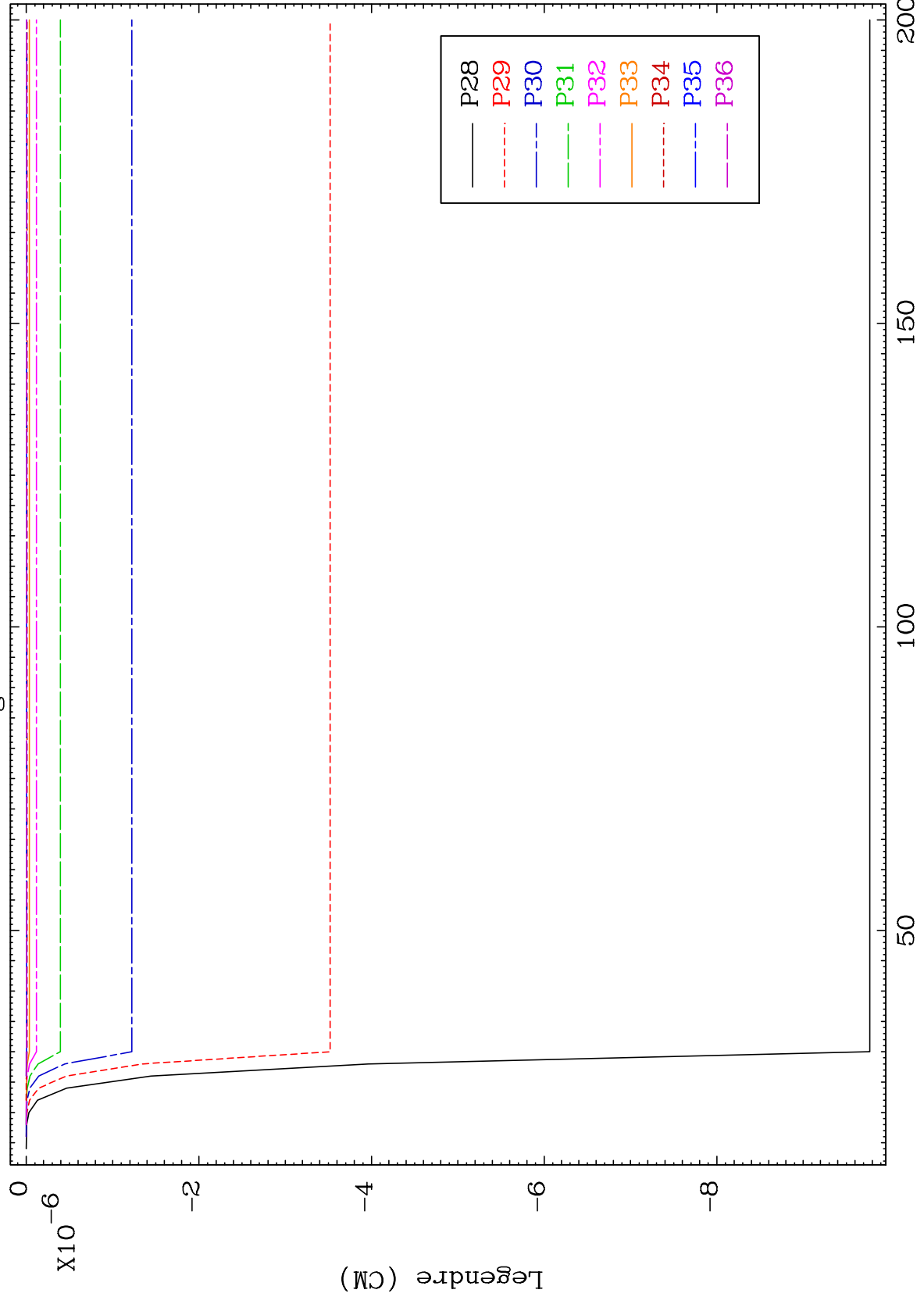
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



66-Dy-153

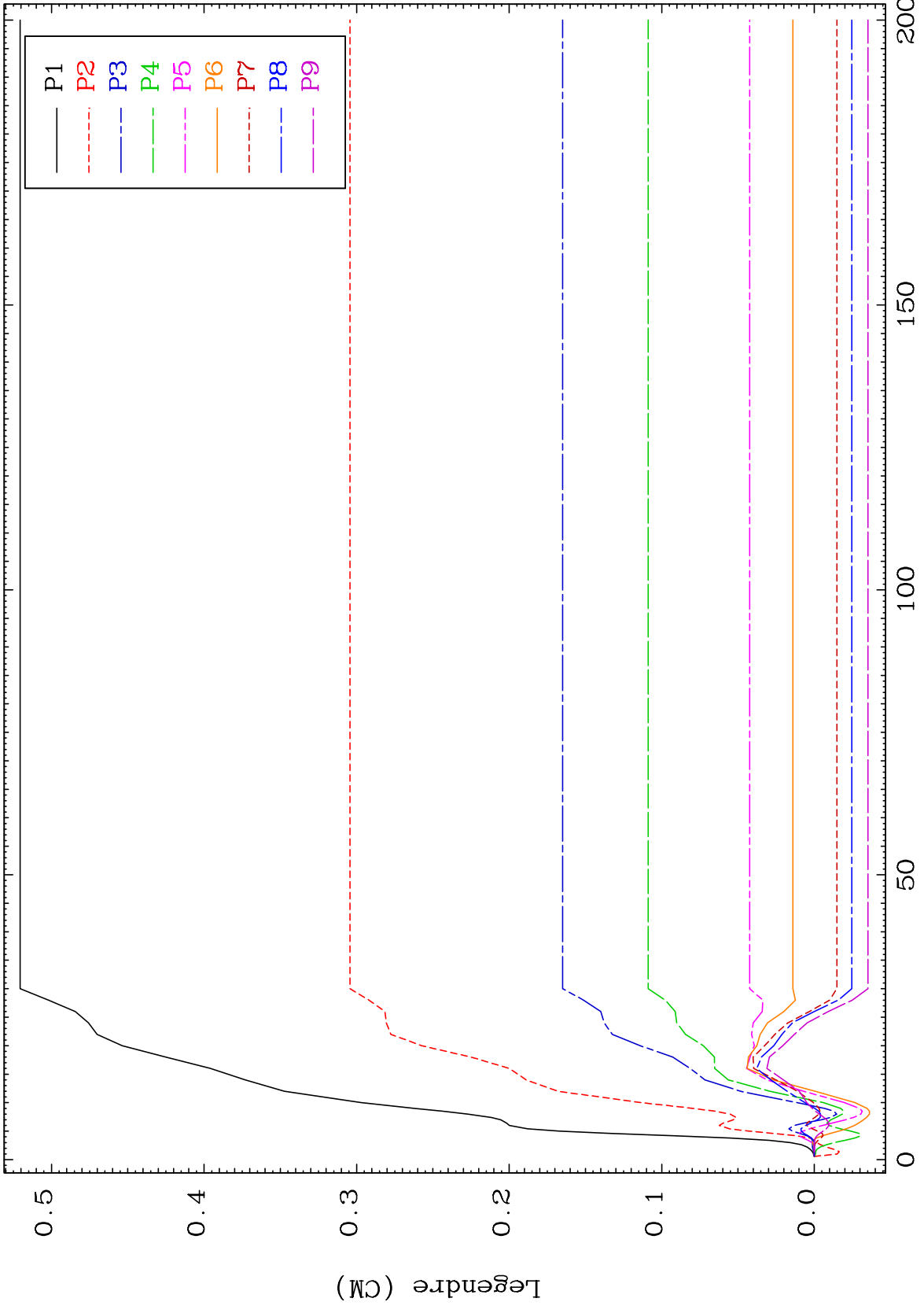
Incident Energy (MeV)

35

MAT 6616

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

66-Dy-153

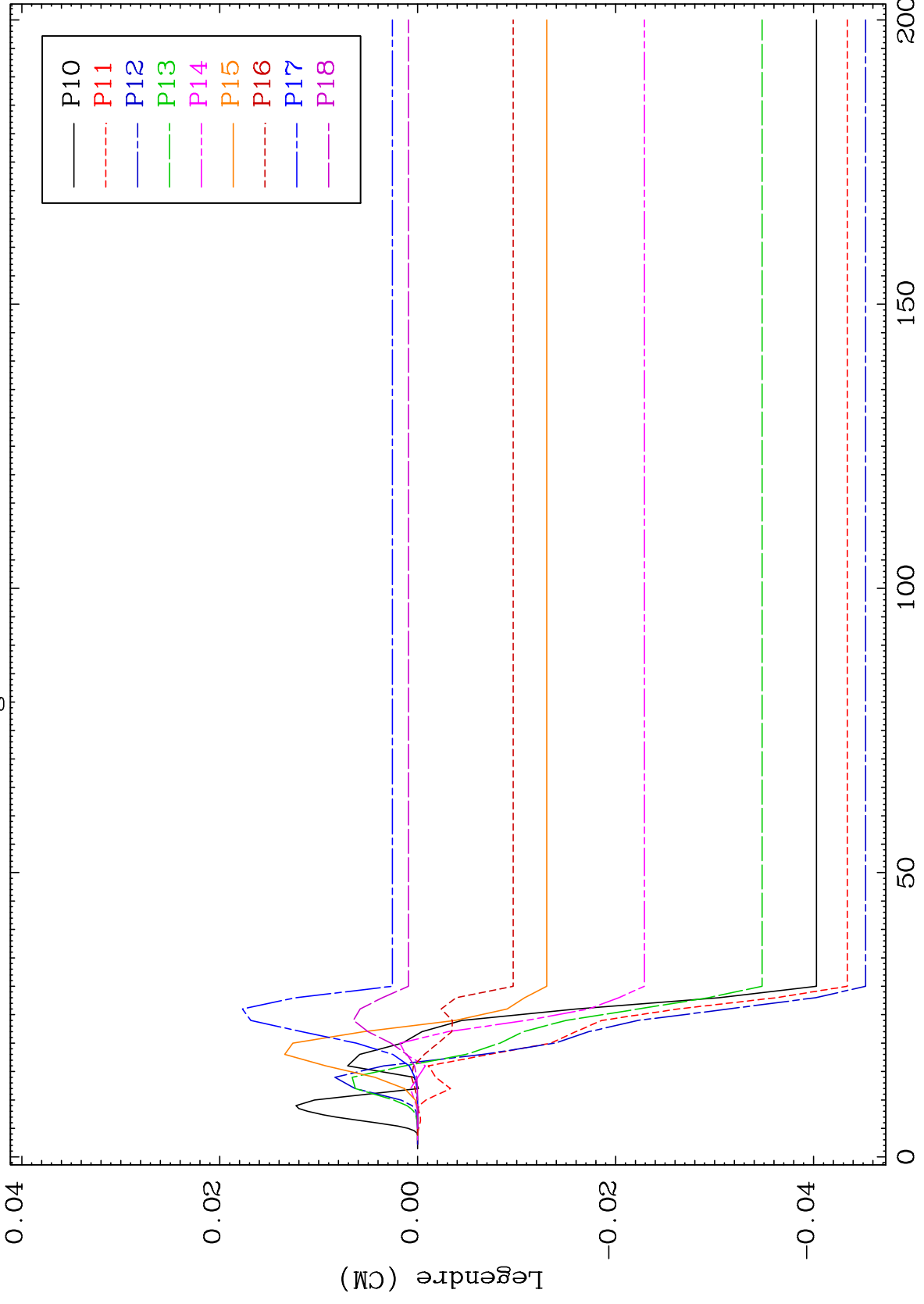


36

Incident Energy (MeV)

66-Dy-153

MAT 6616 MT= 55 (n,n') Level Legendre Coefficients 66-Dy-153

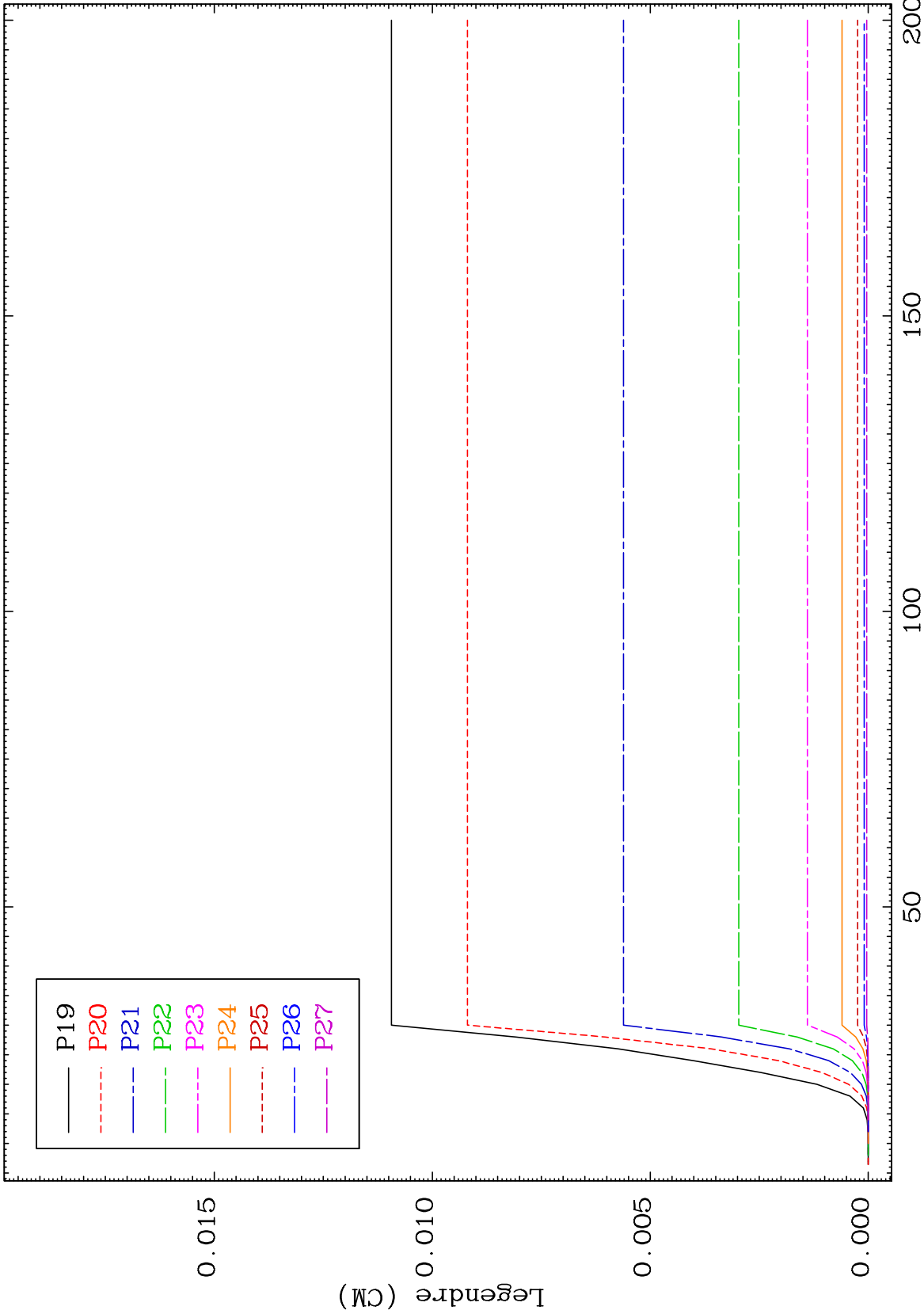


37 66-Dy-153

MAT 6616

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

66-Dy-153



38

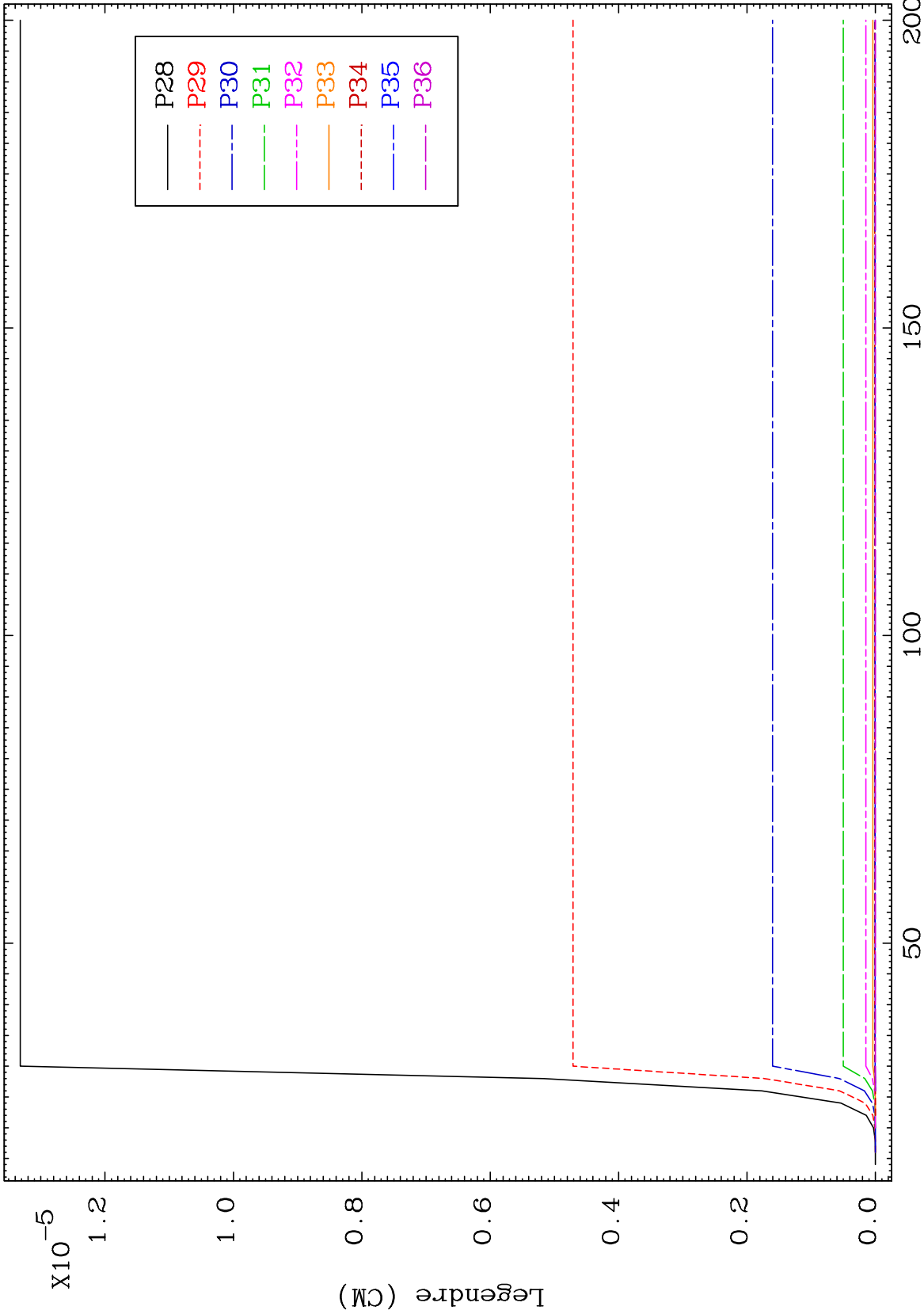
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



39

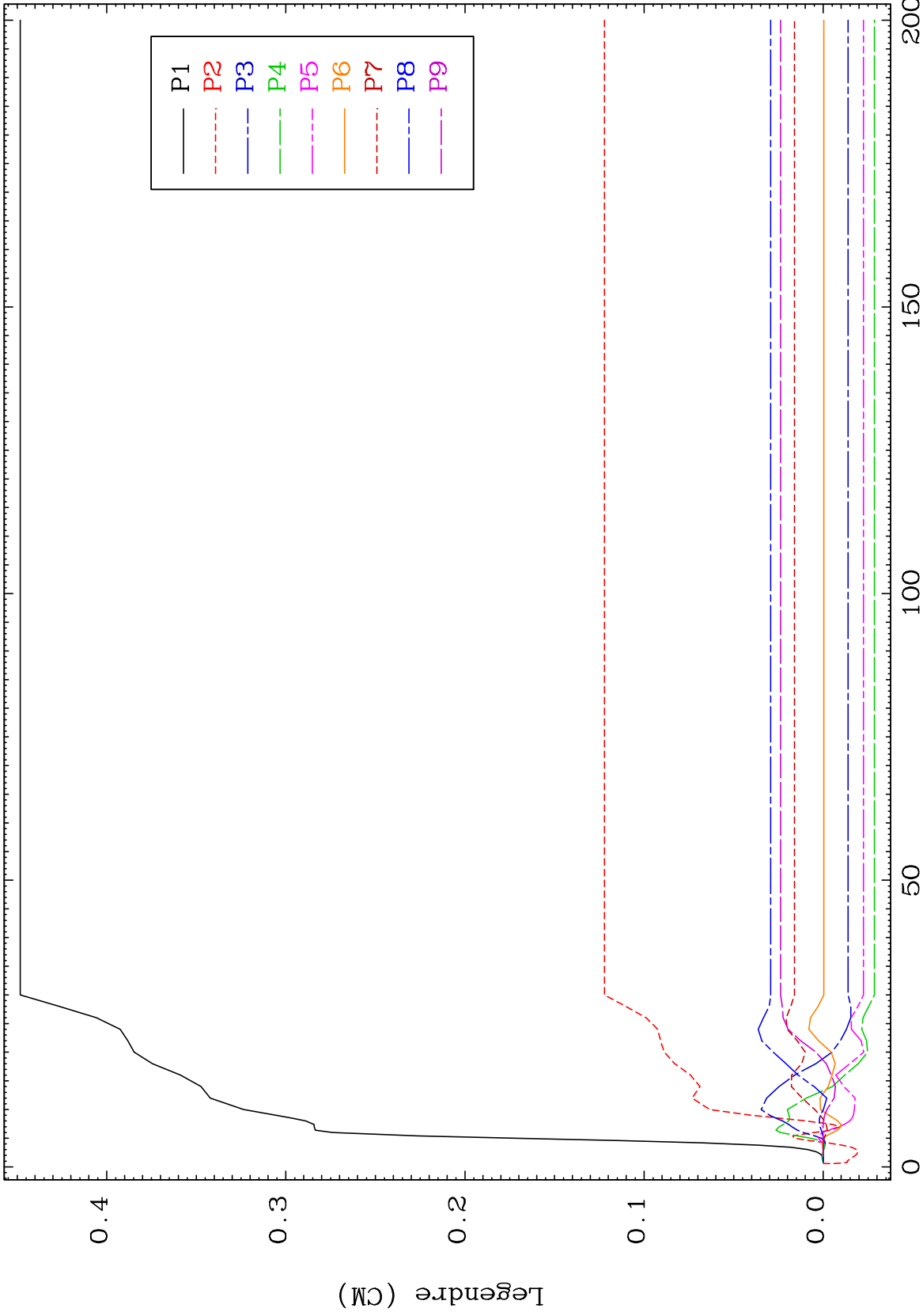
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



40

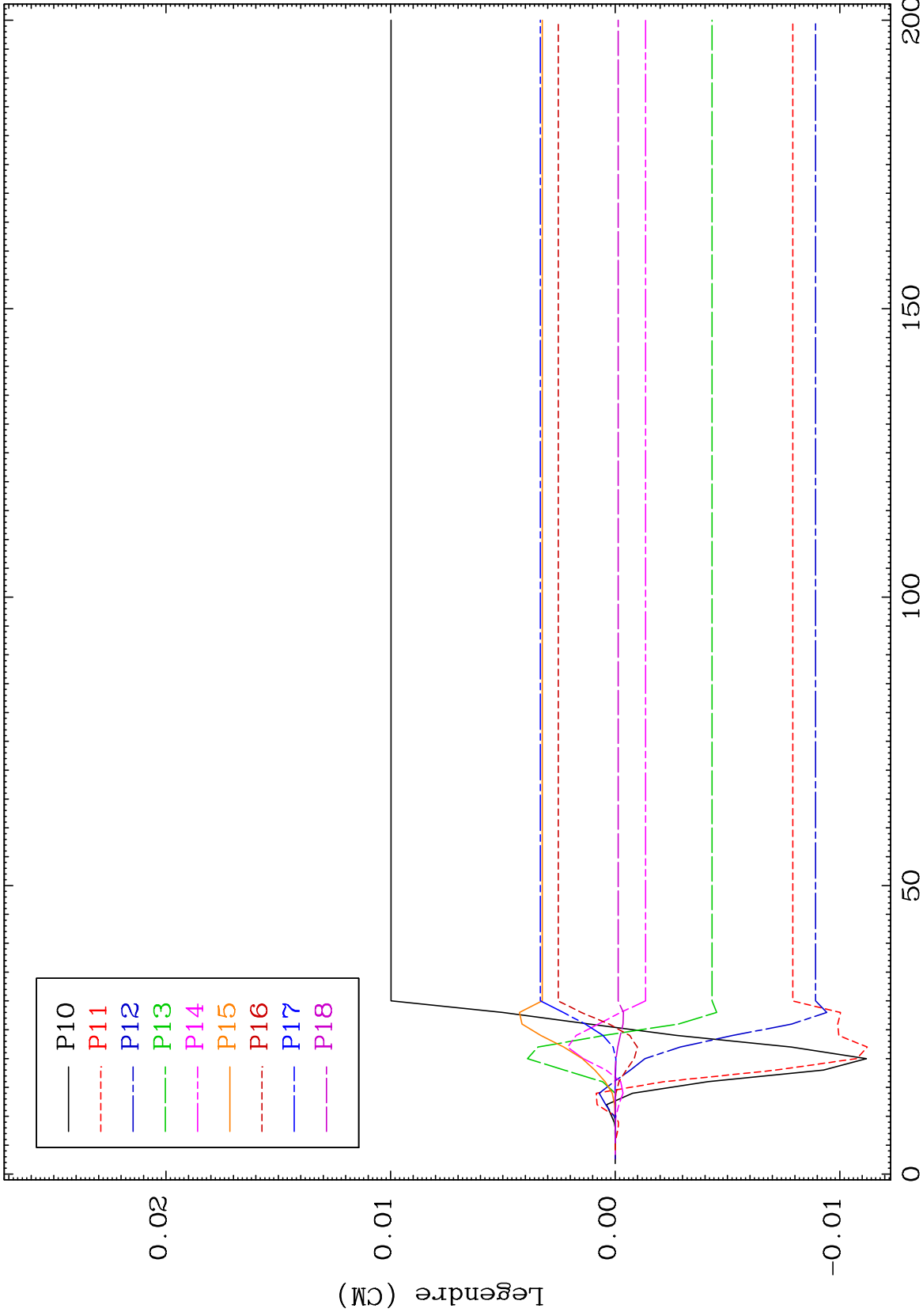
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



41

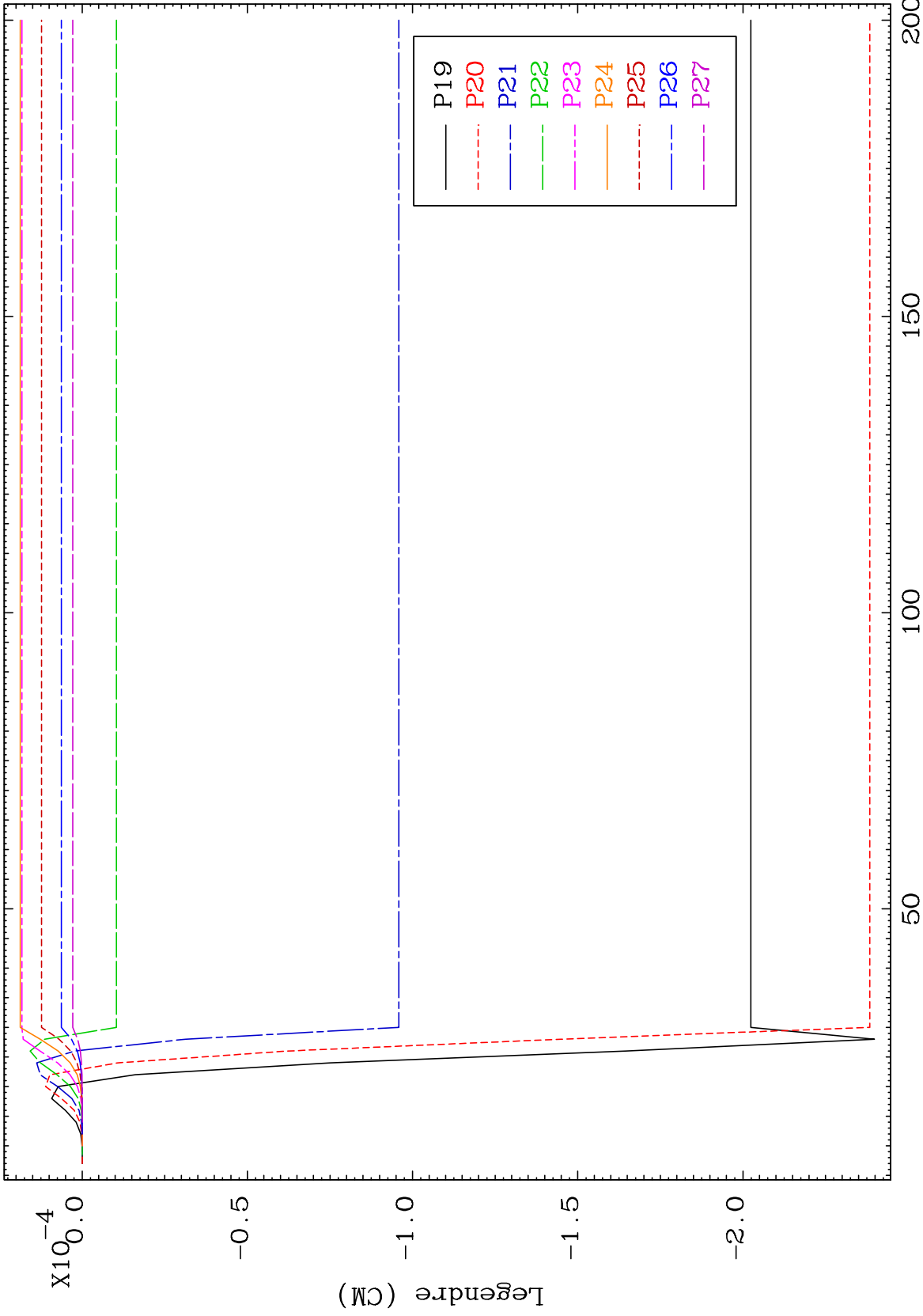
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



42

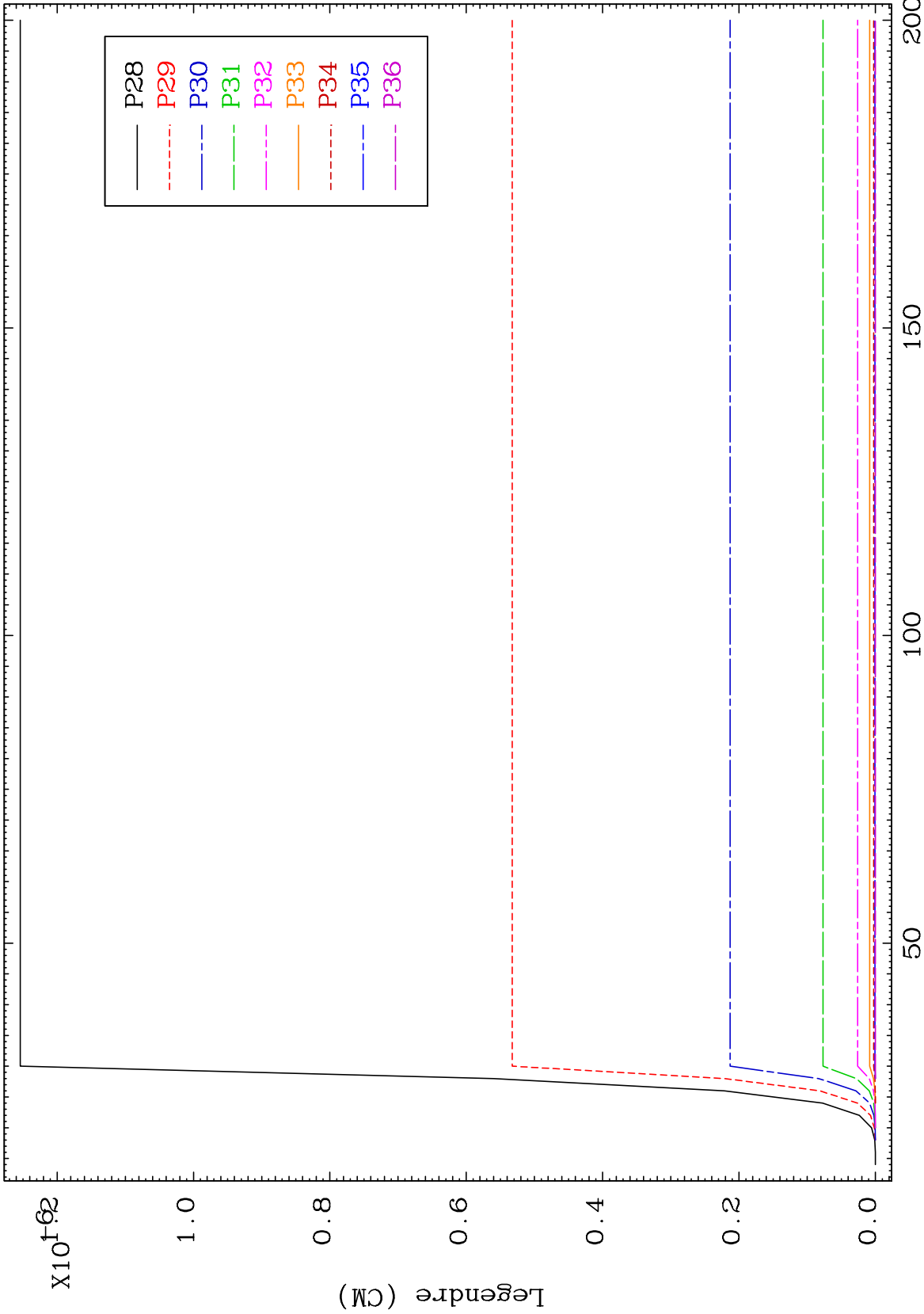
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



43

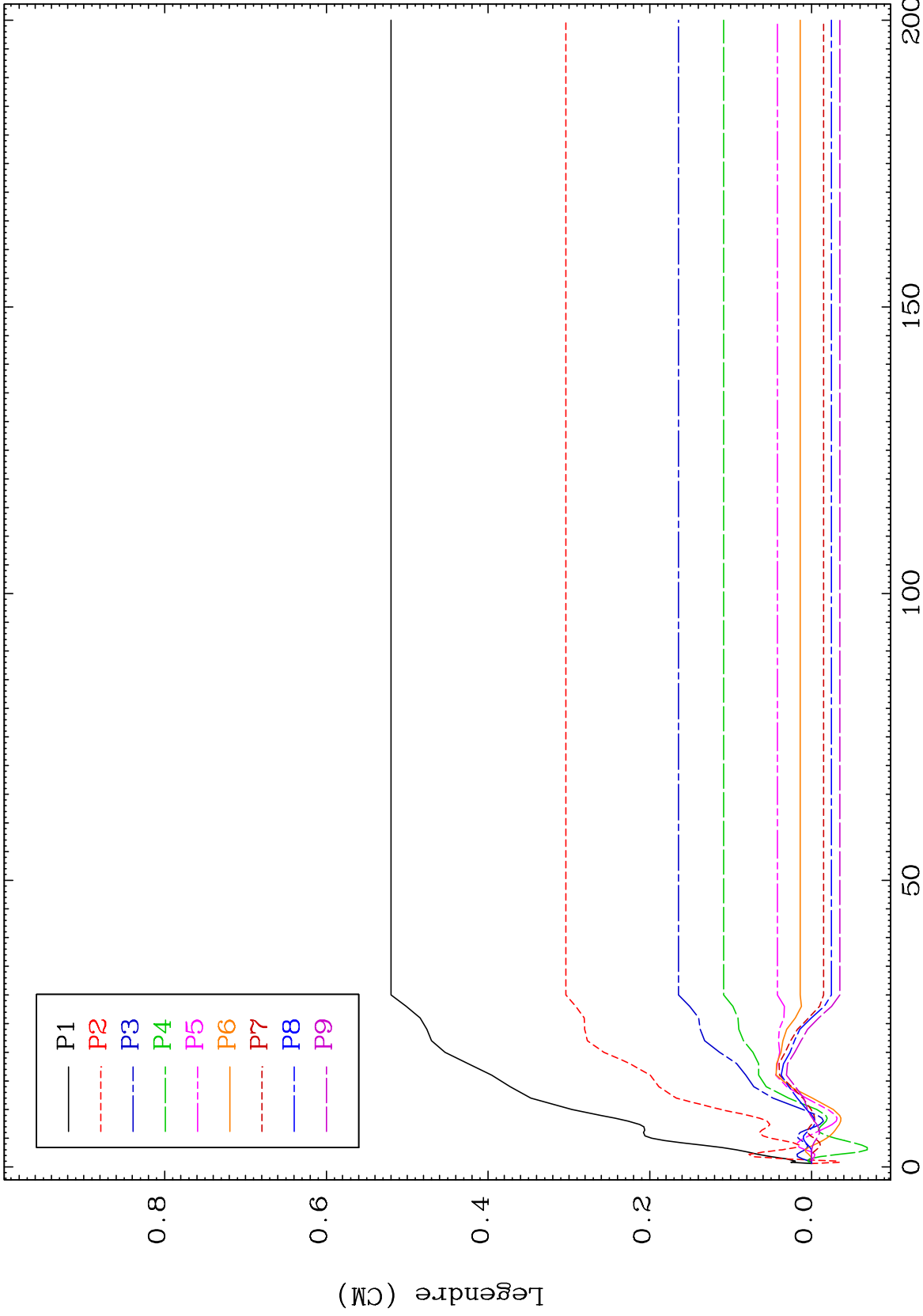
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



44

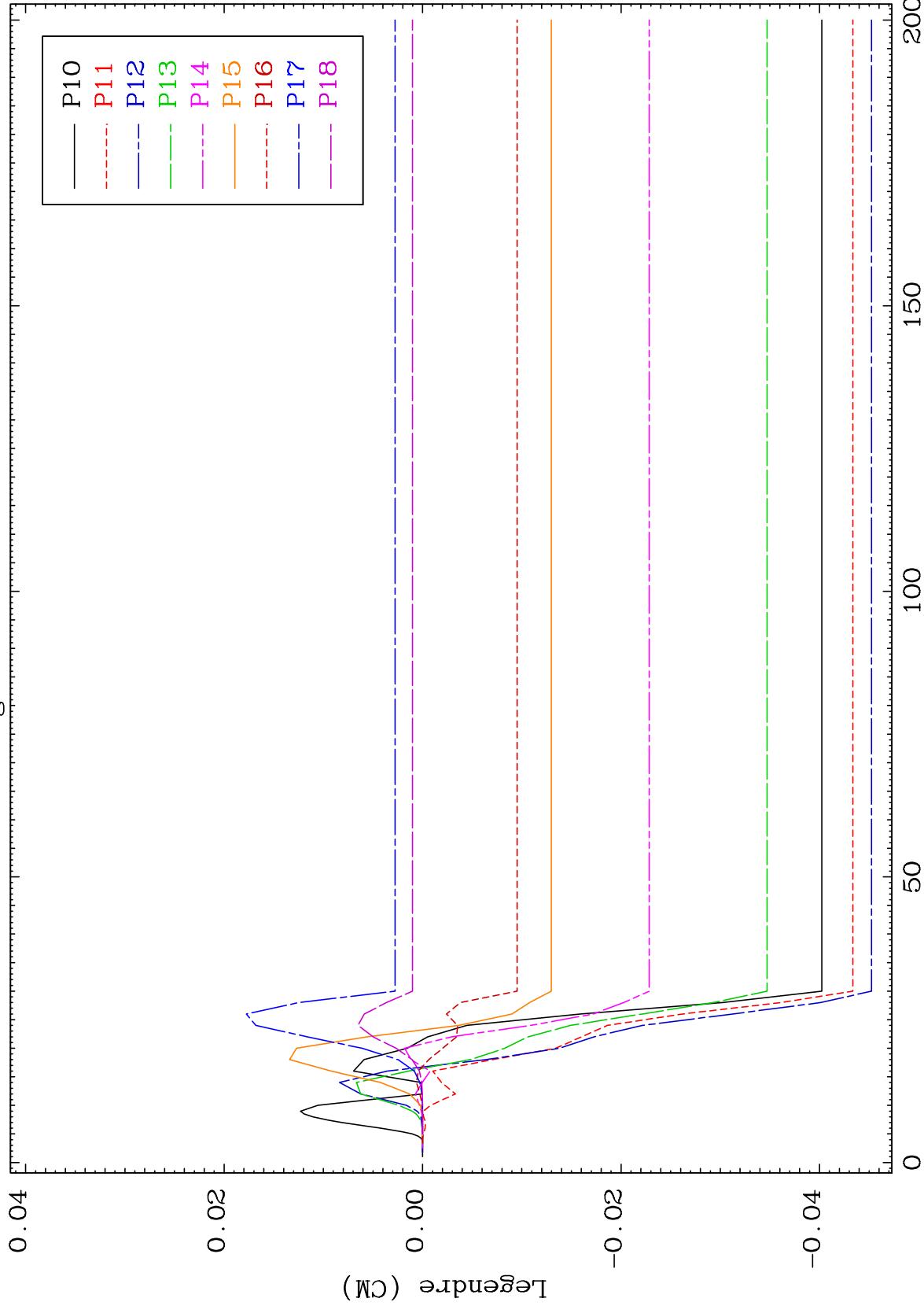
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



45

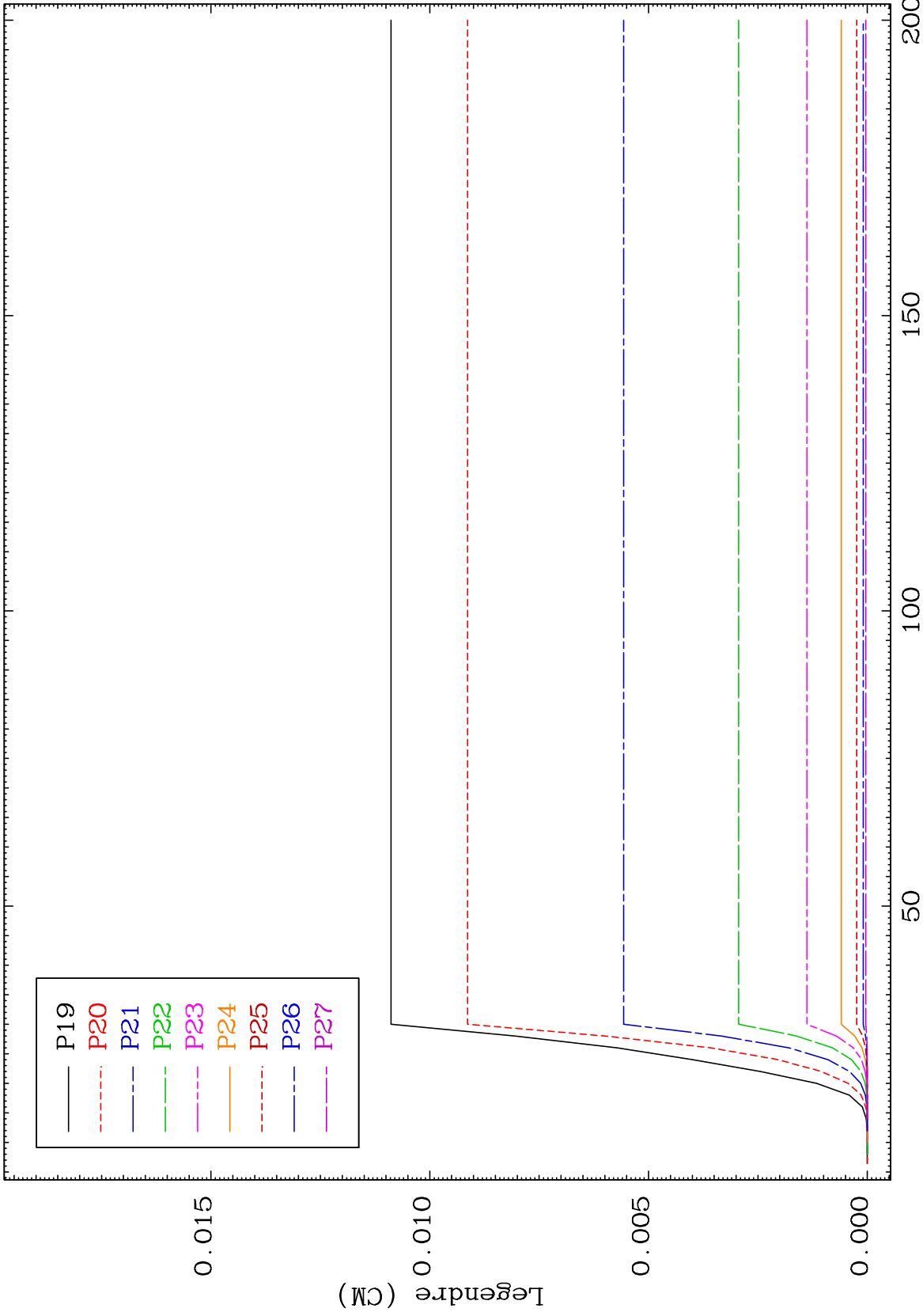
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



46

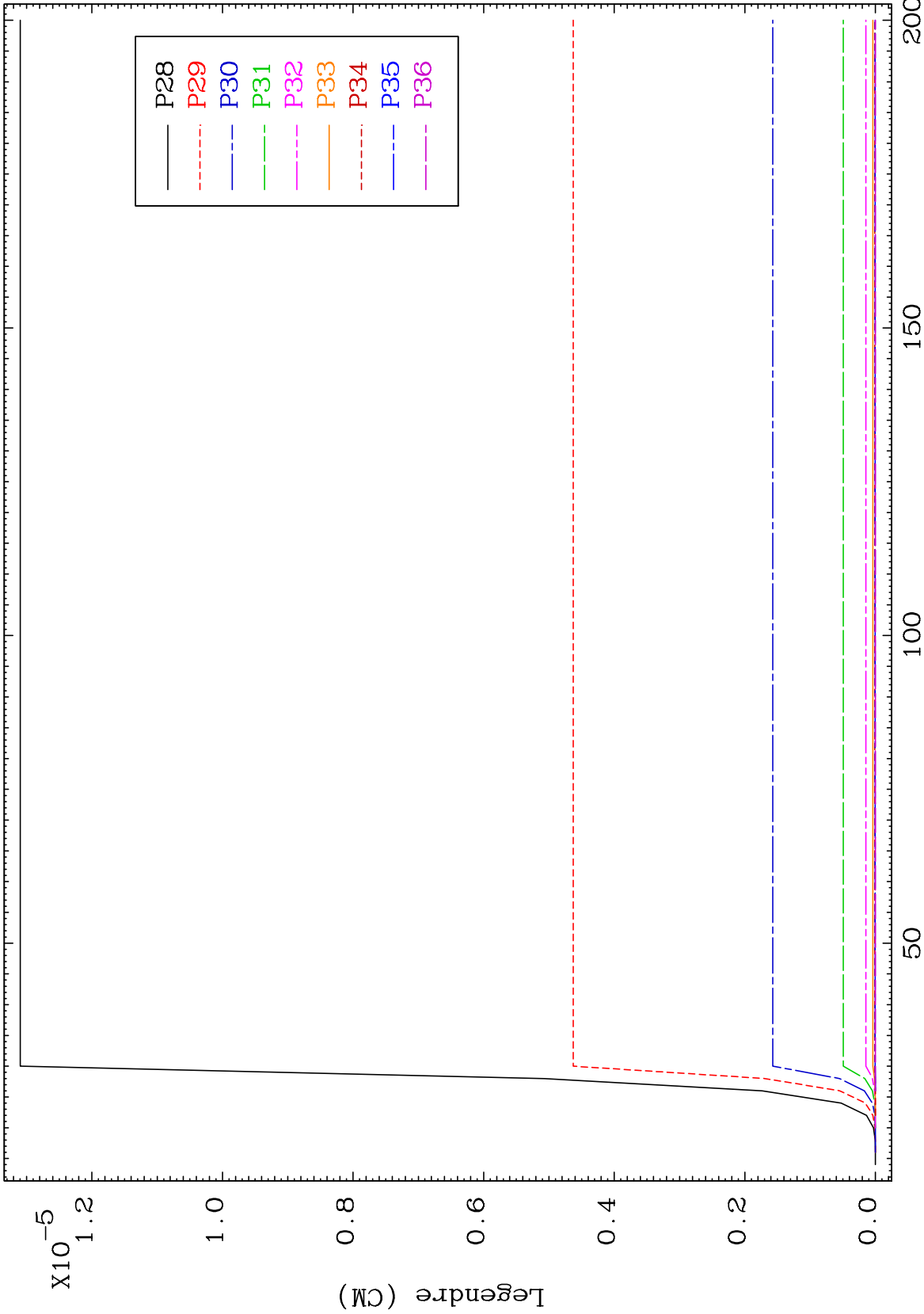
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



47

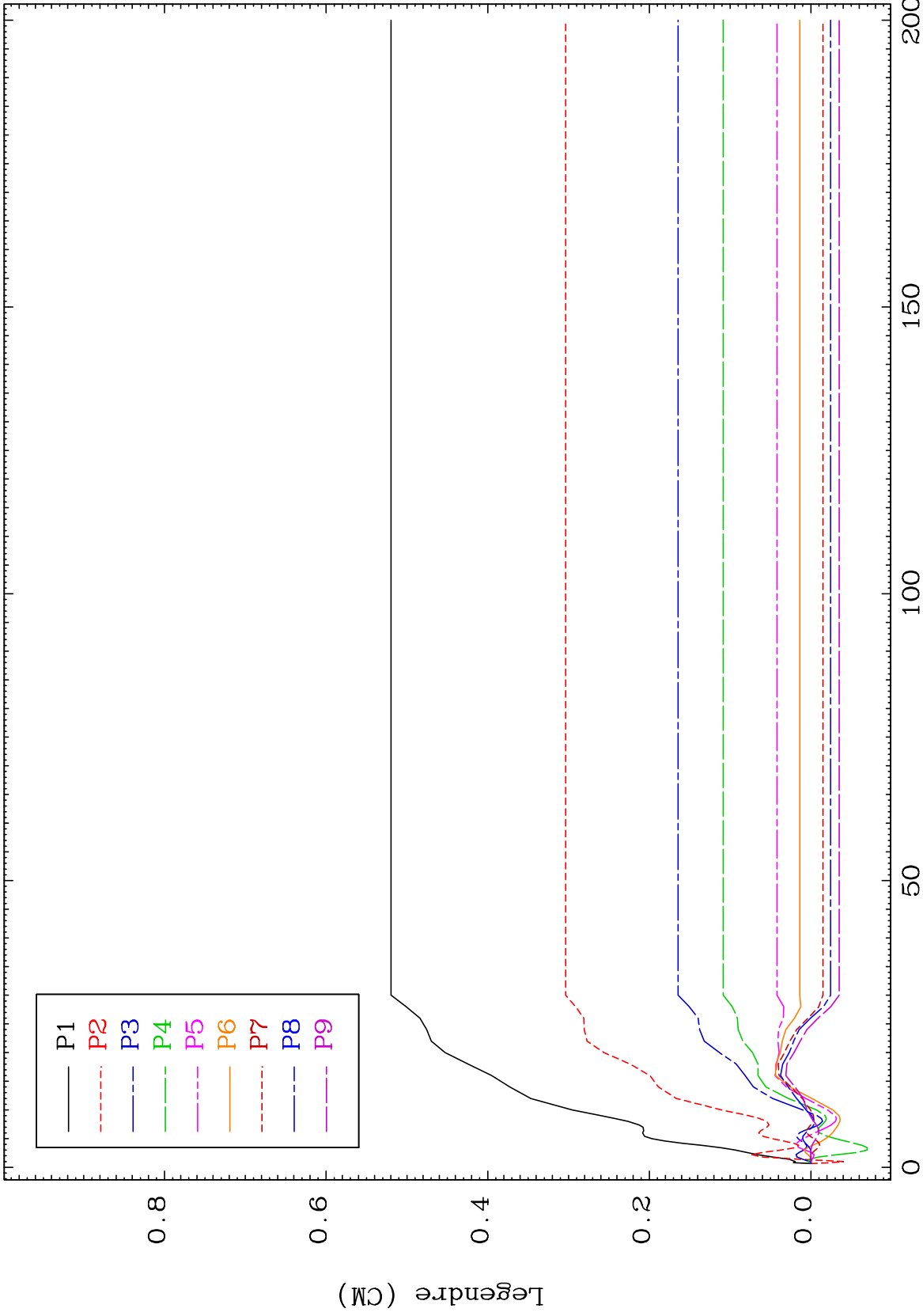
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



48

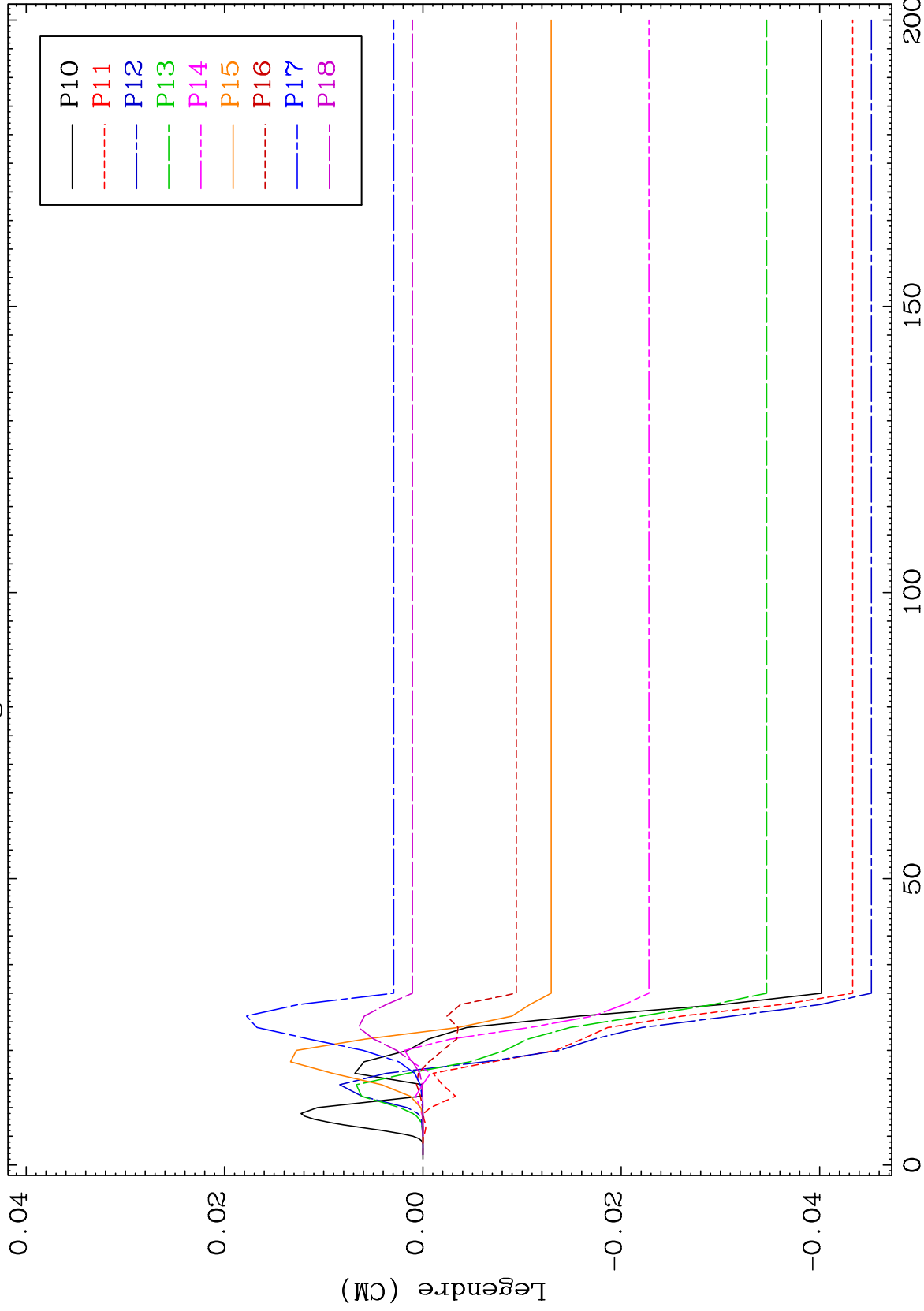
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



49

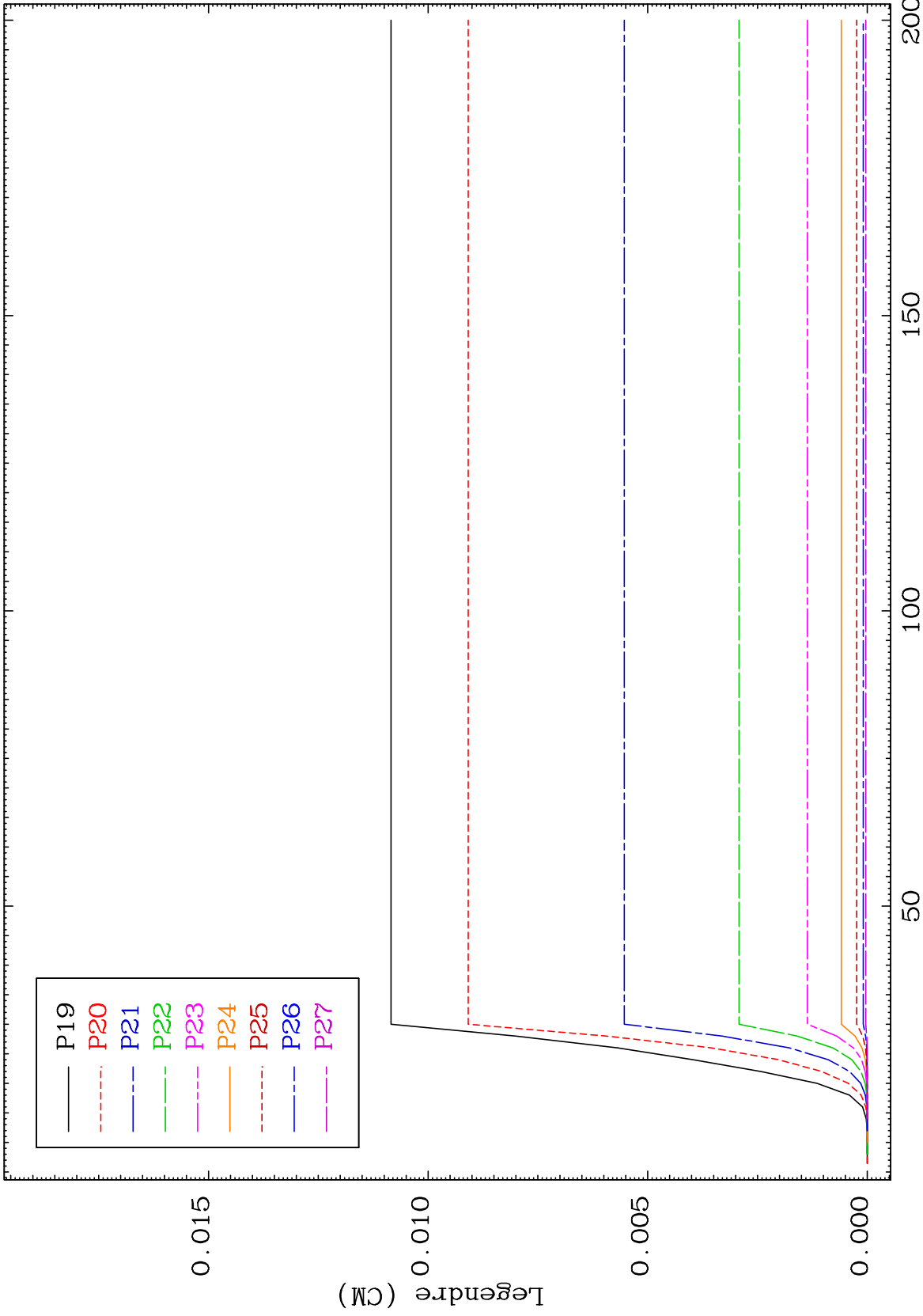
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

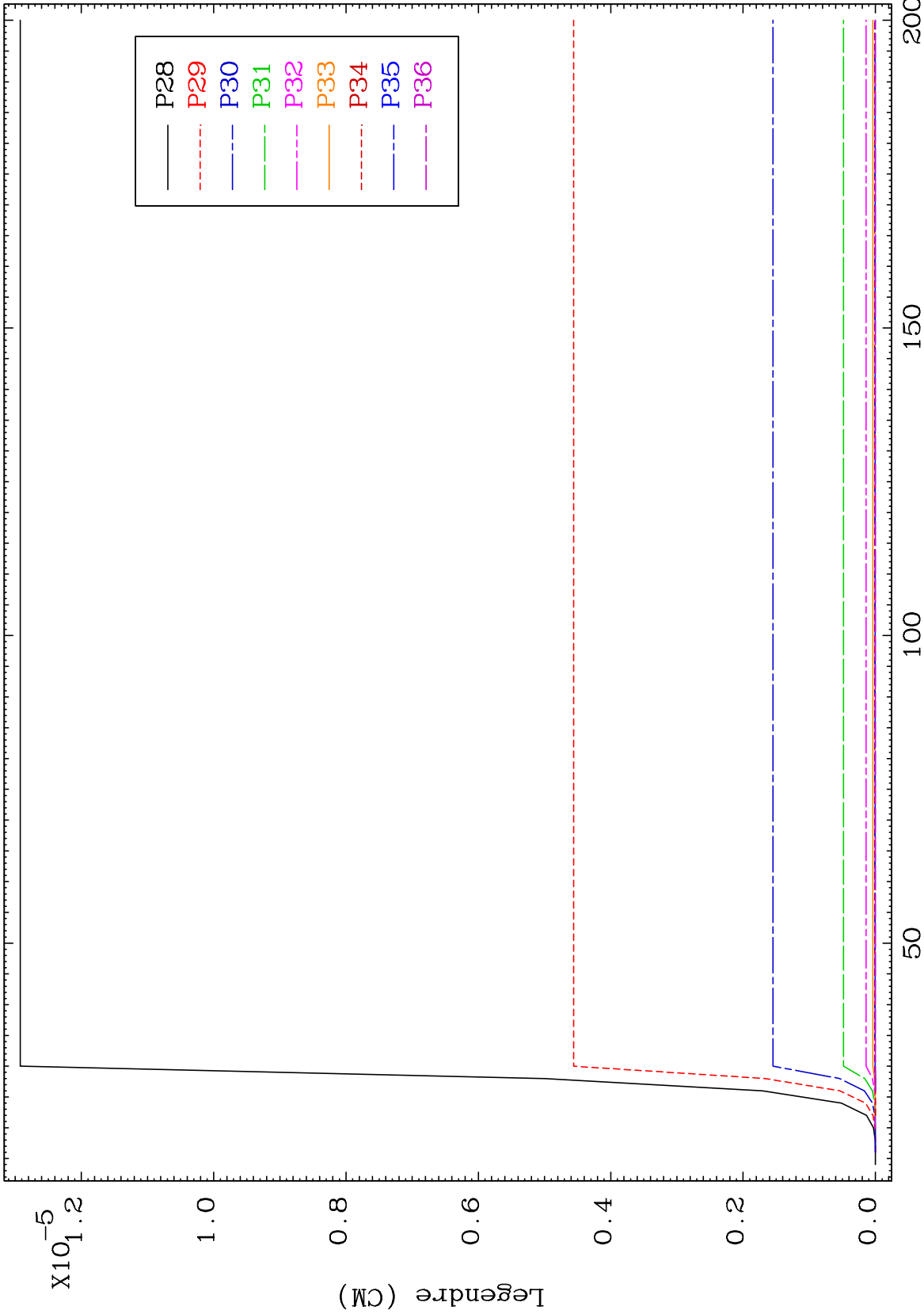
66-Dy-153



50

Incident Energy (MeV)

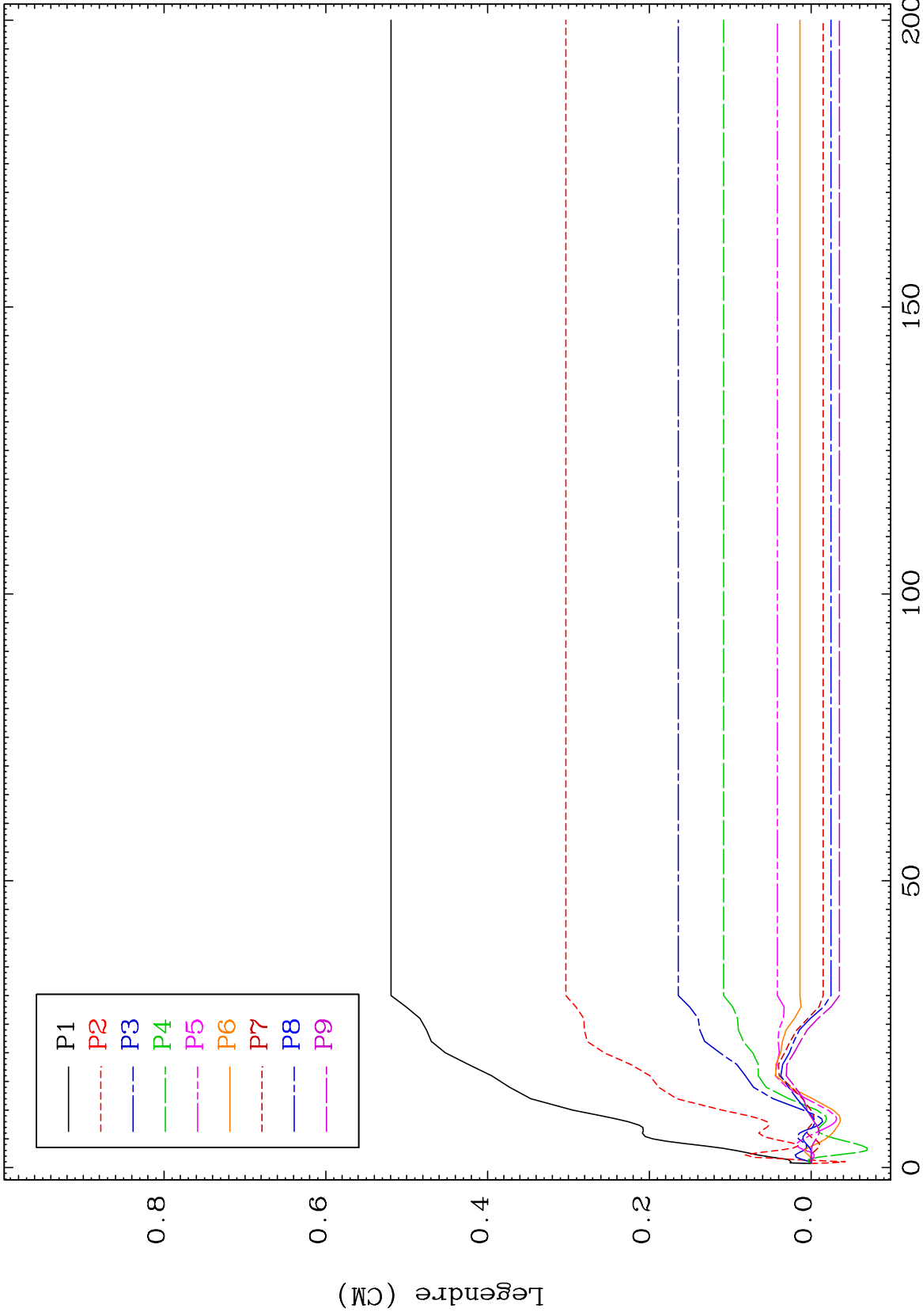
66-Dy-153



MAT 6616

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

66-Dy-153



52

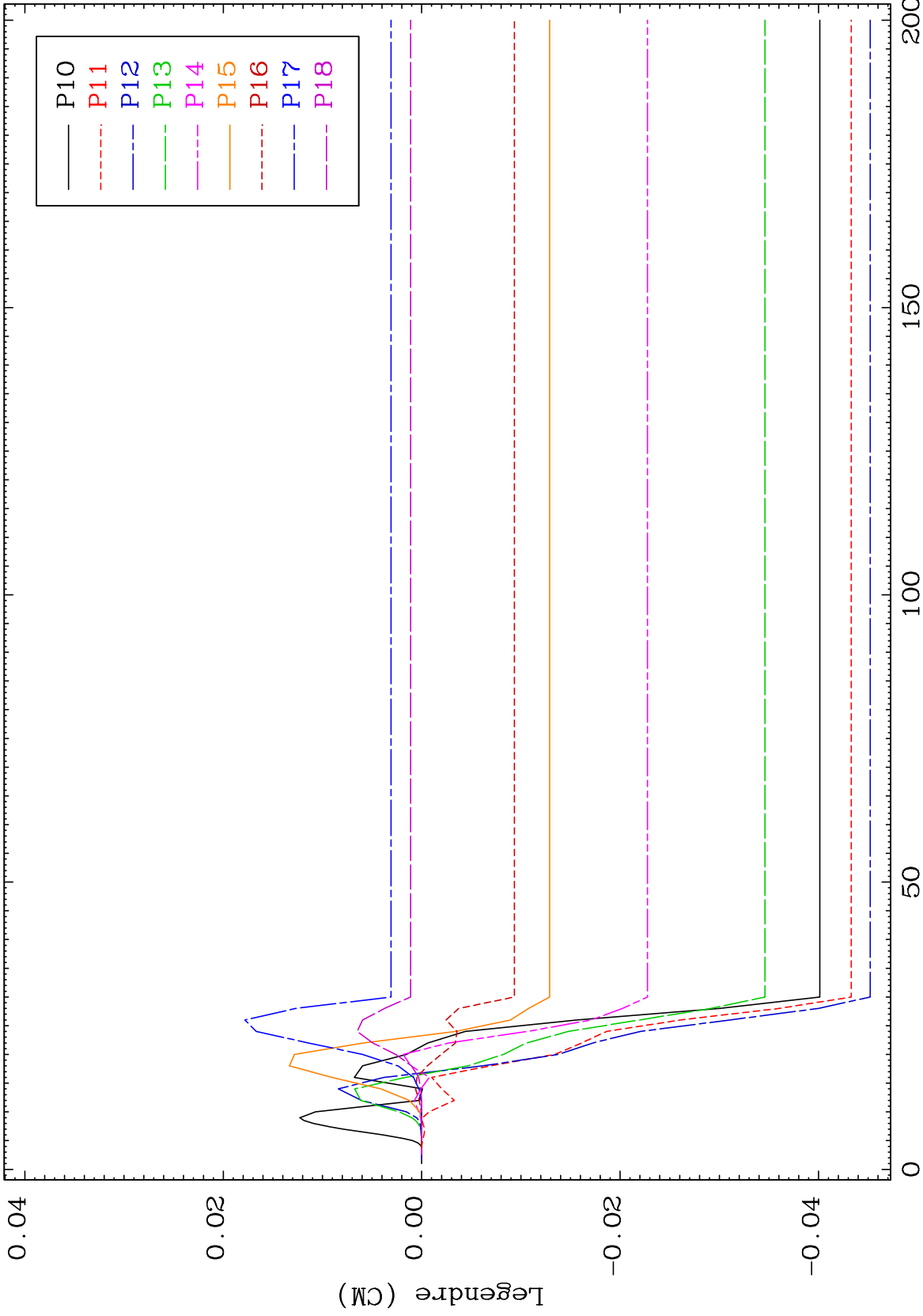
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



53

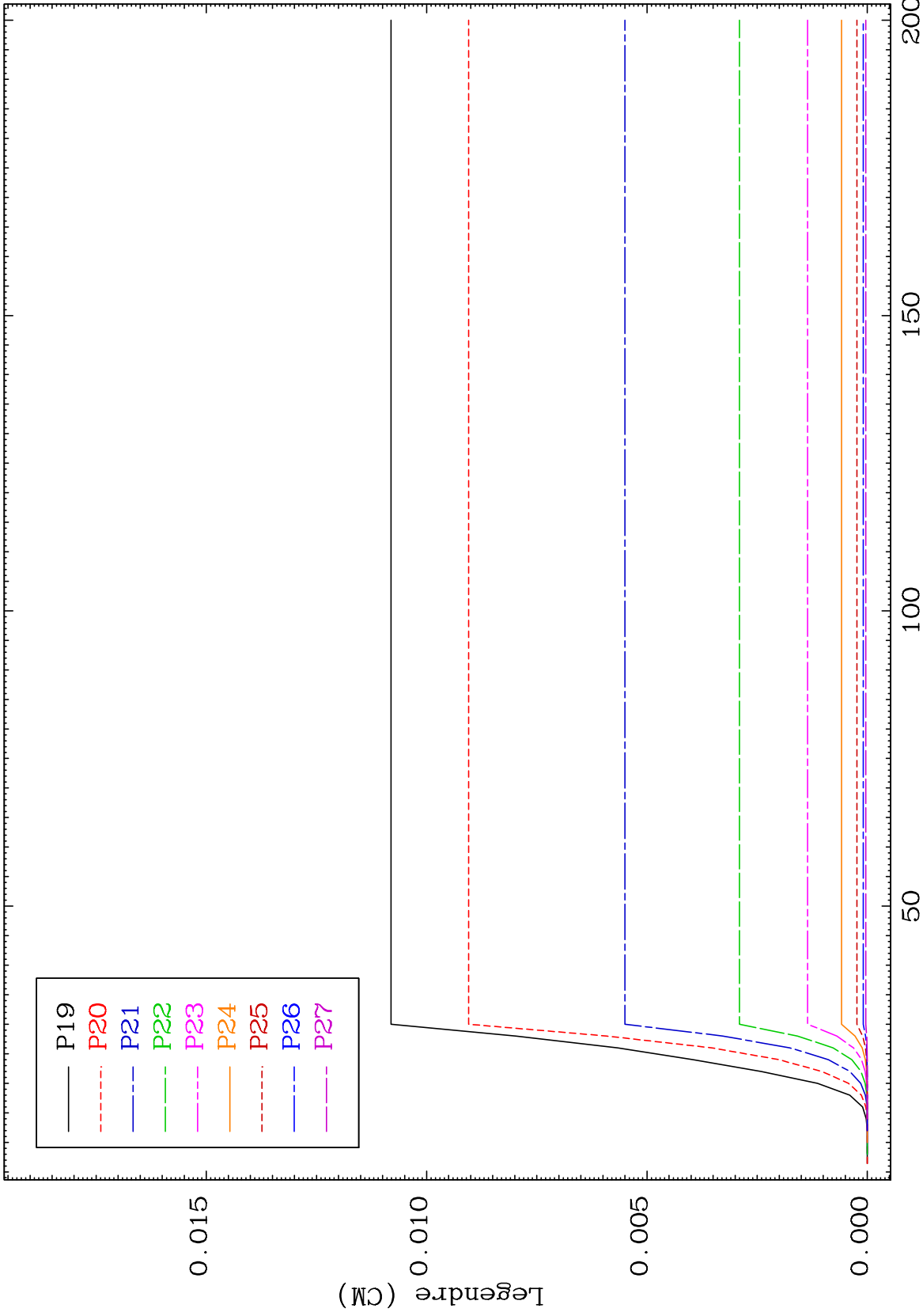
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



54

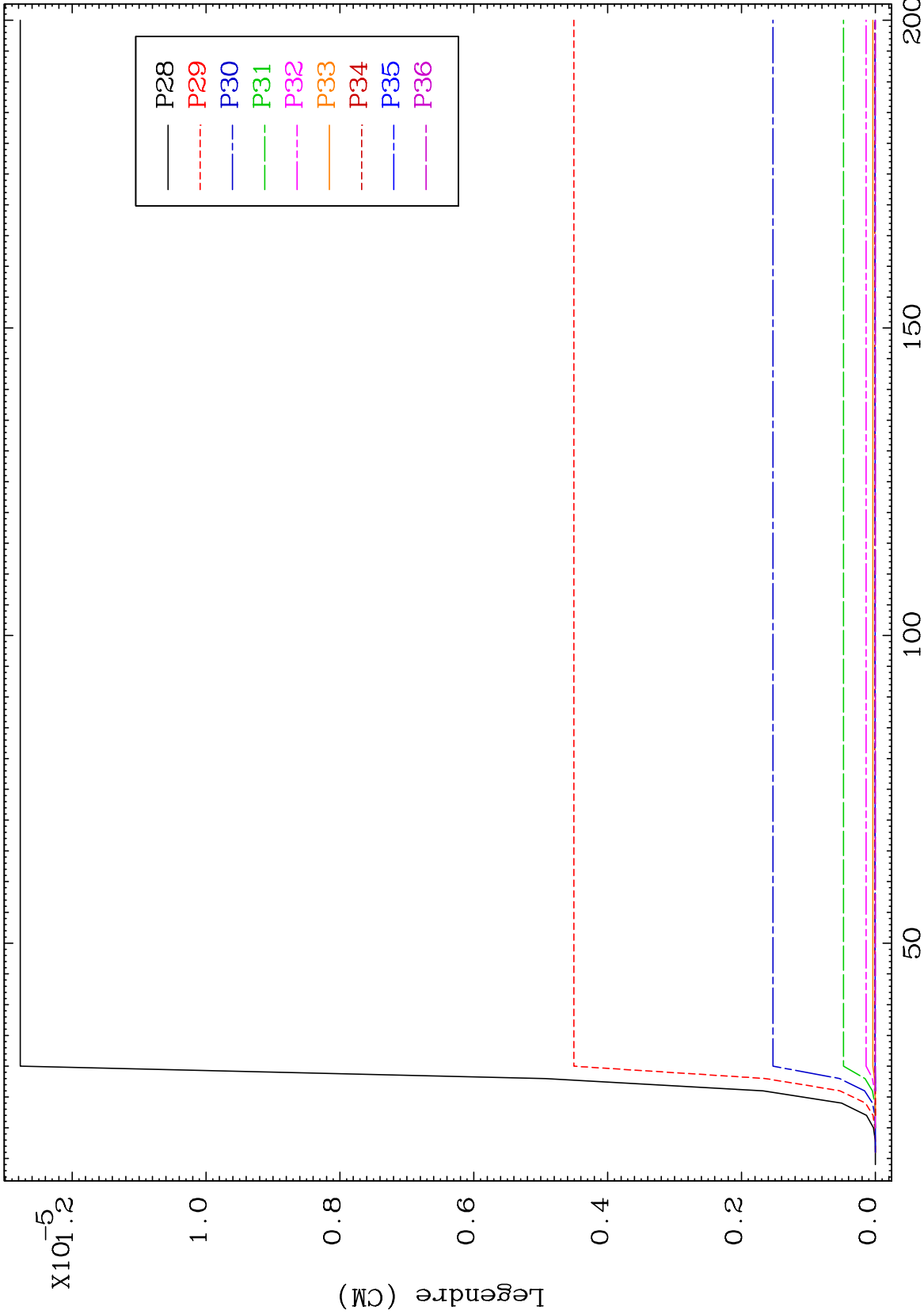
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



55

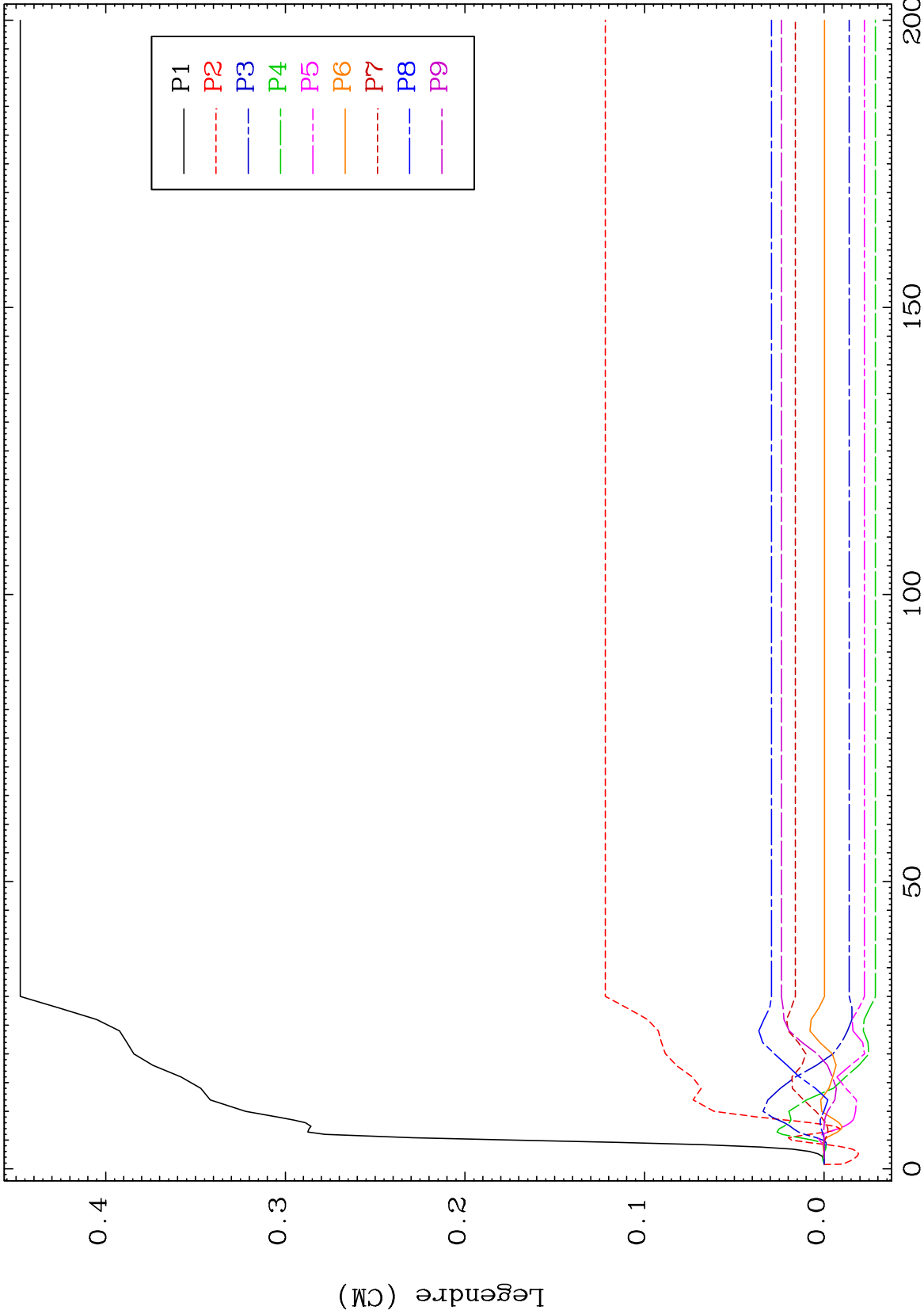
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



56

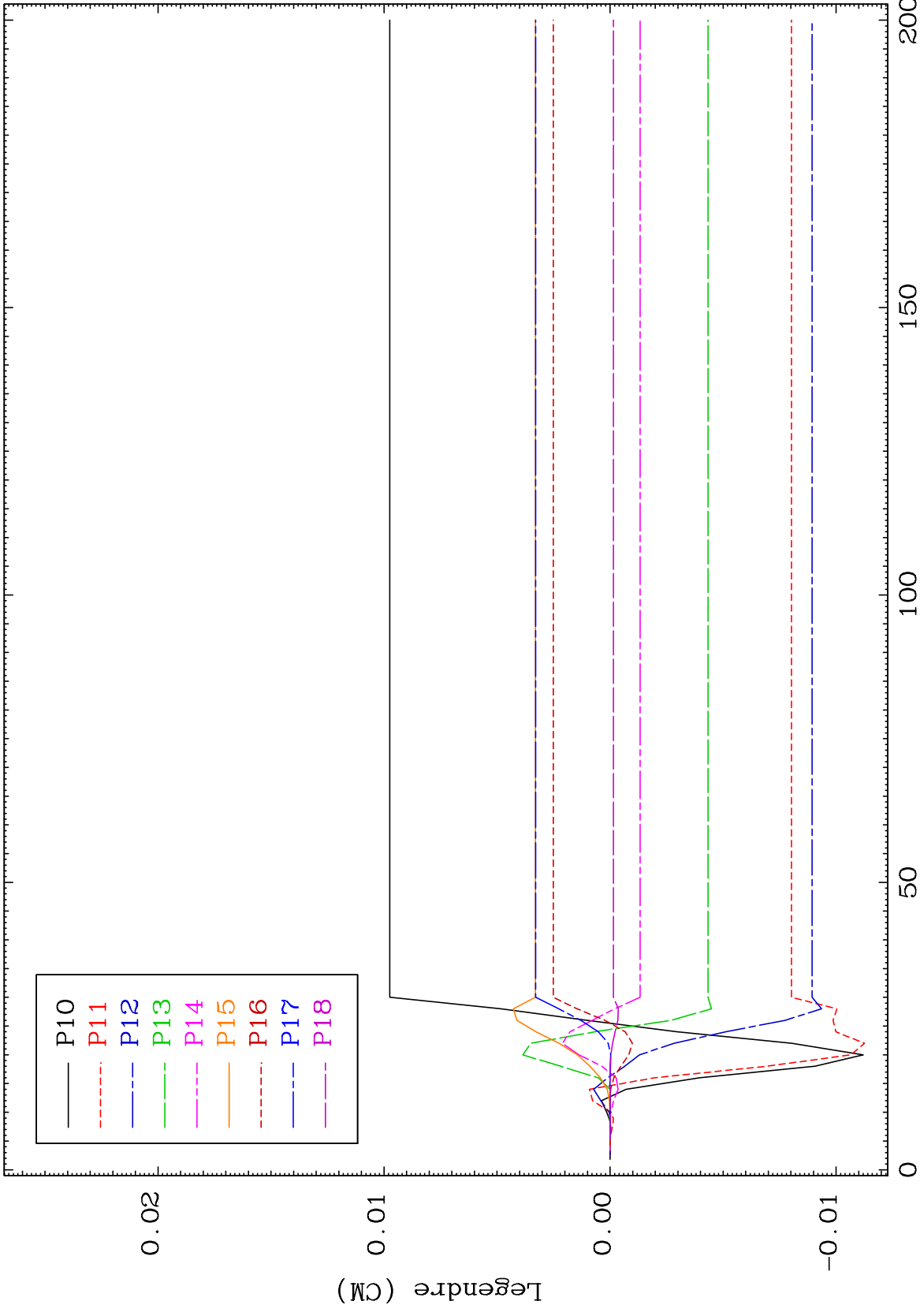
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



57

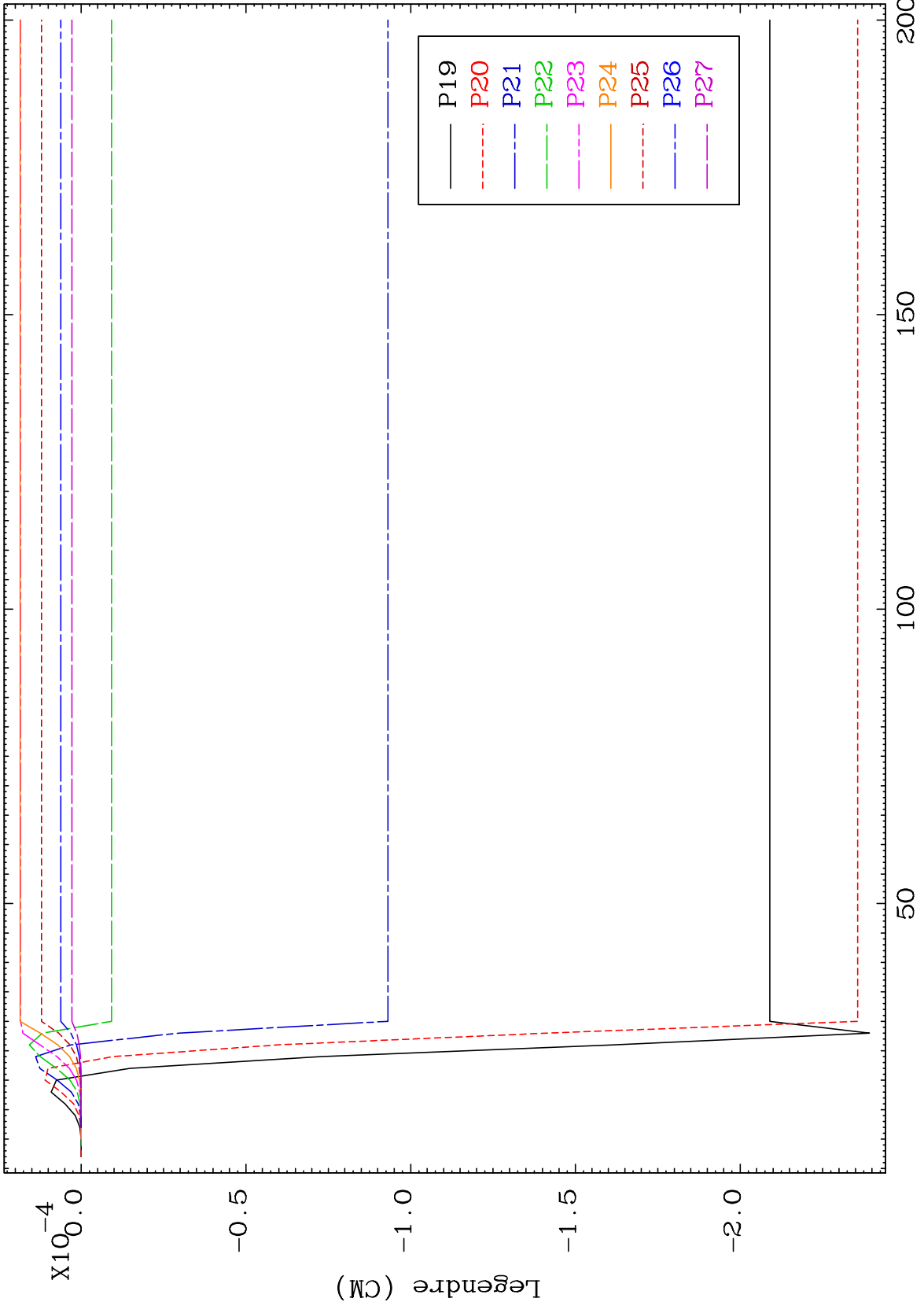
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



66-Dy-153

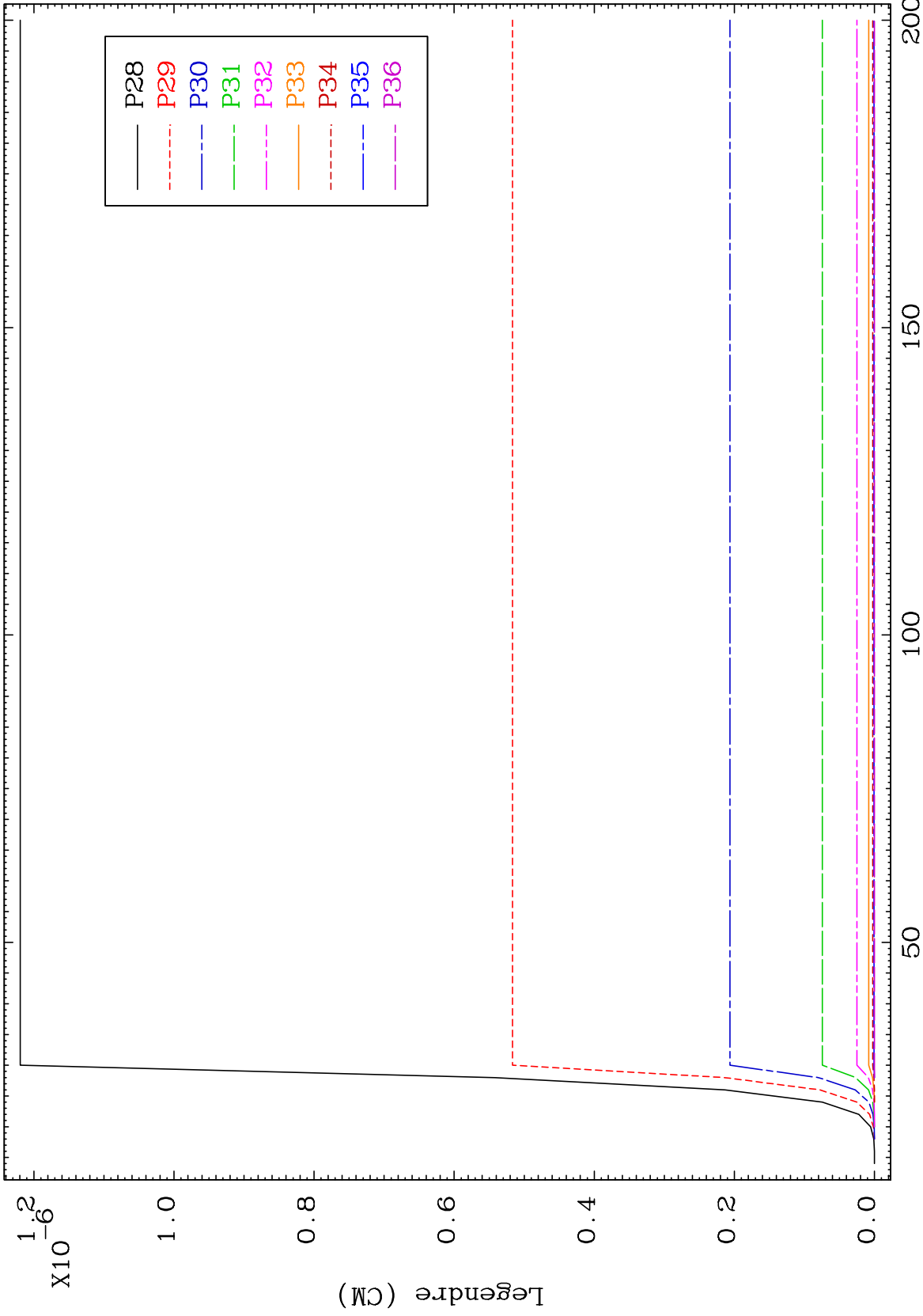
Incident Energy (MeV)

58

MAT 6616

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

66-Dy-153



59

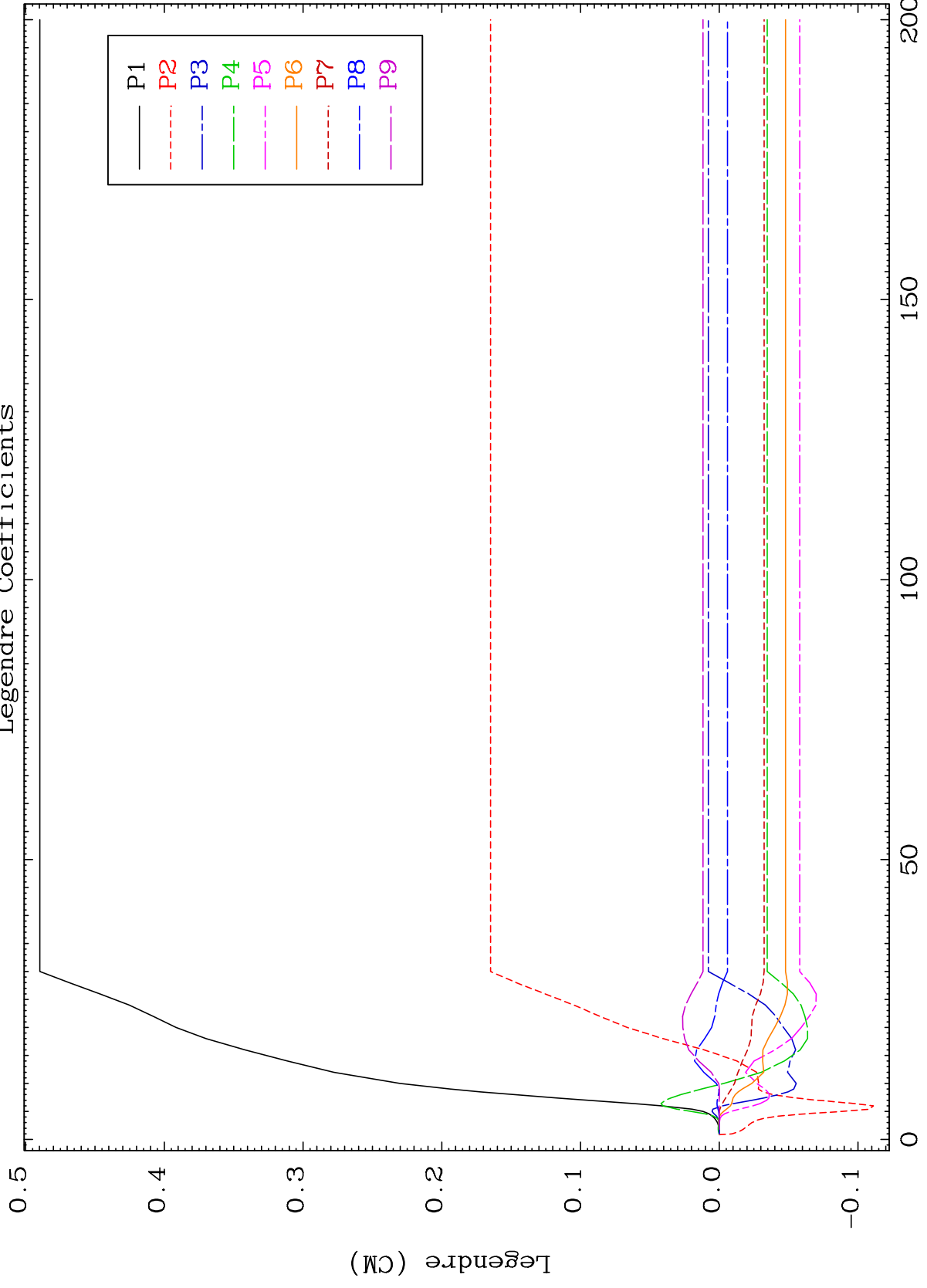
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



66-Dy-153

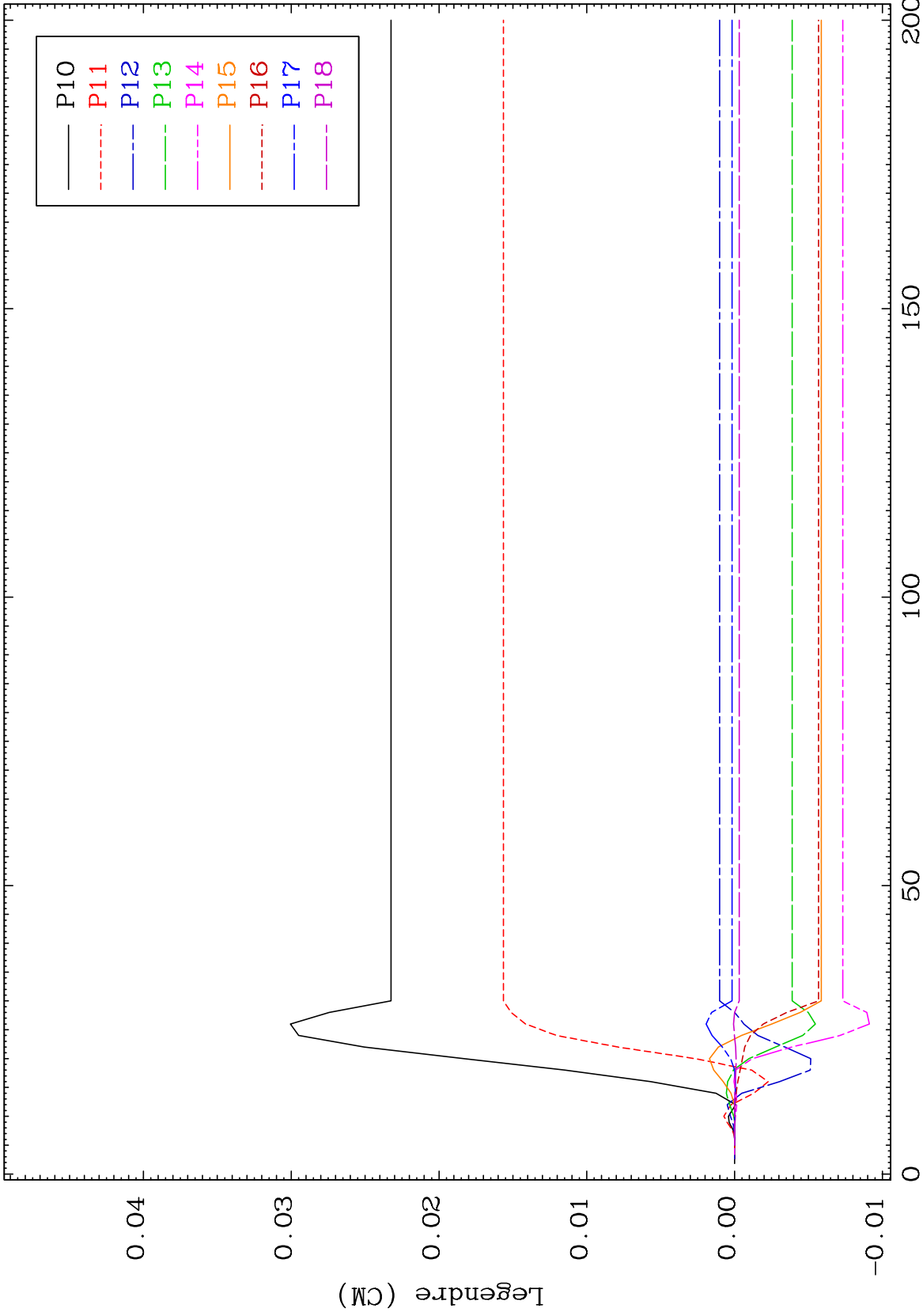
Incident Energy (MeV)

60

MAT 6616

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

66-Dy-153



61

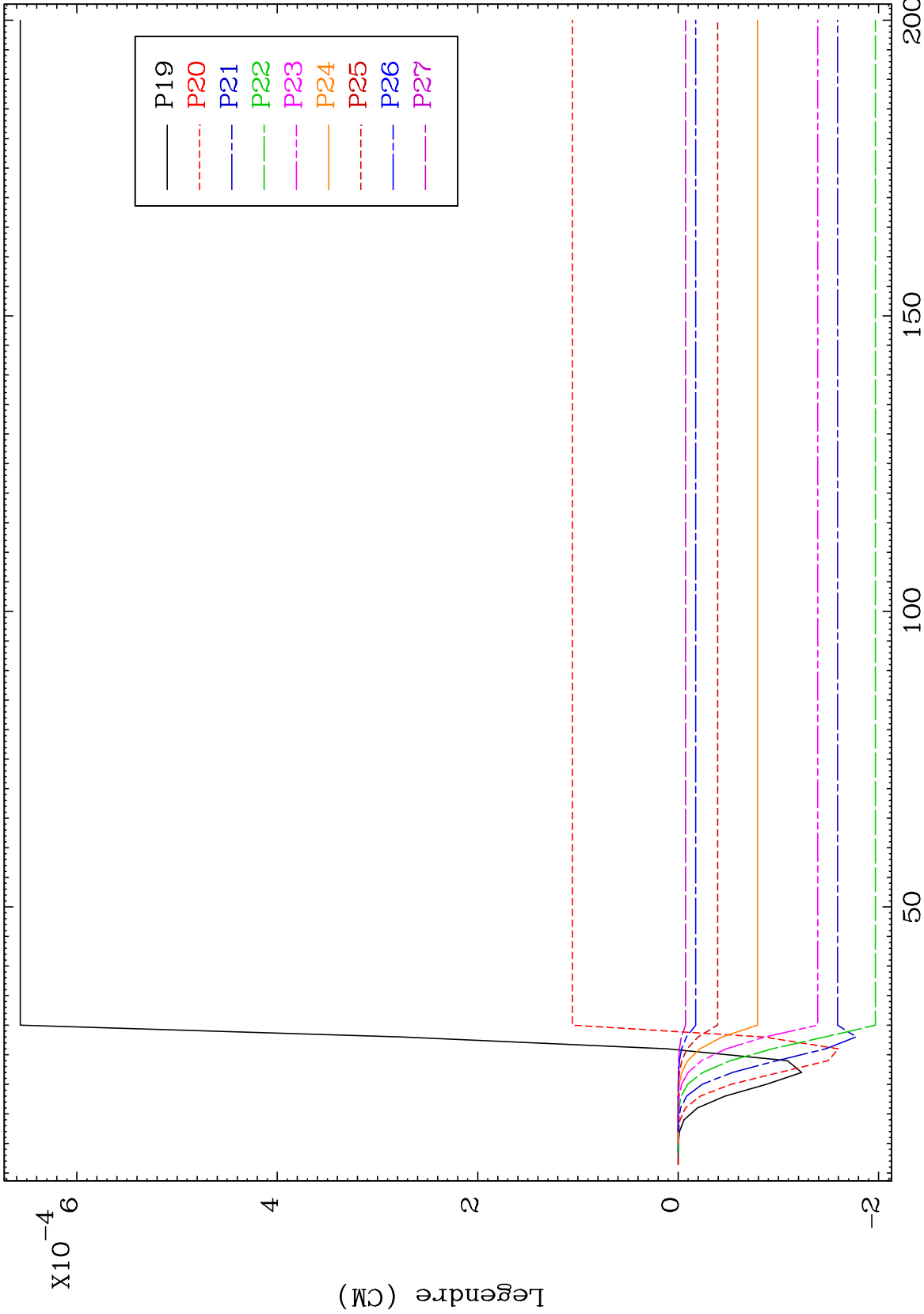
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



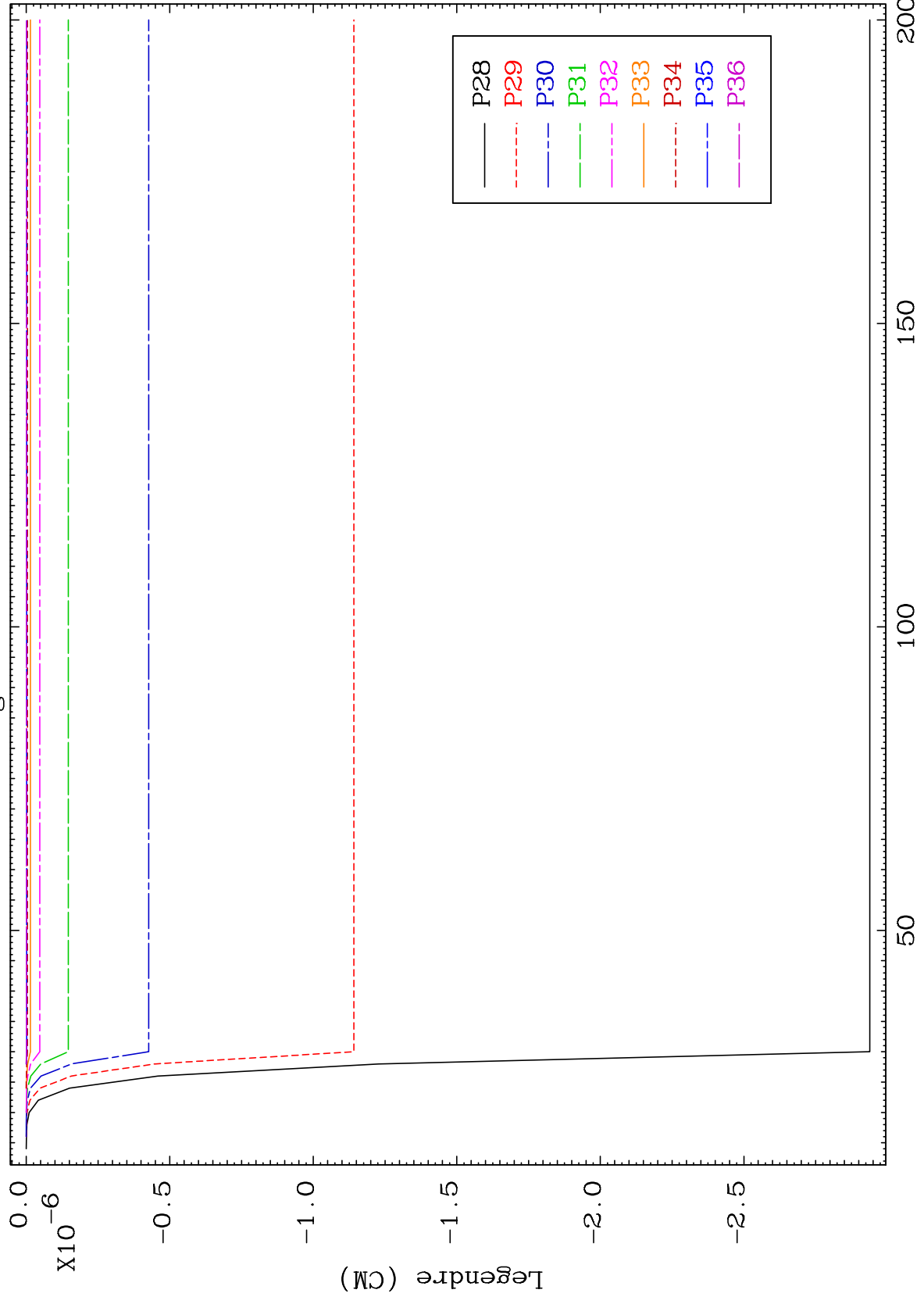
62

66-Dy-153

MAT 6616

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

66-Dy-153



66-Dy-153

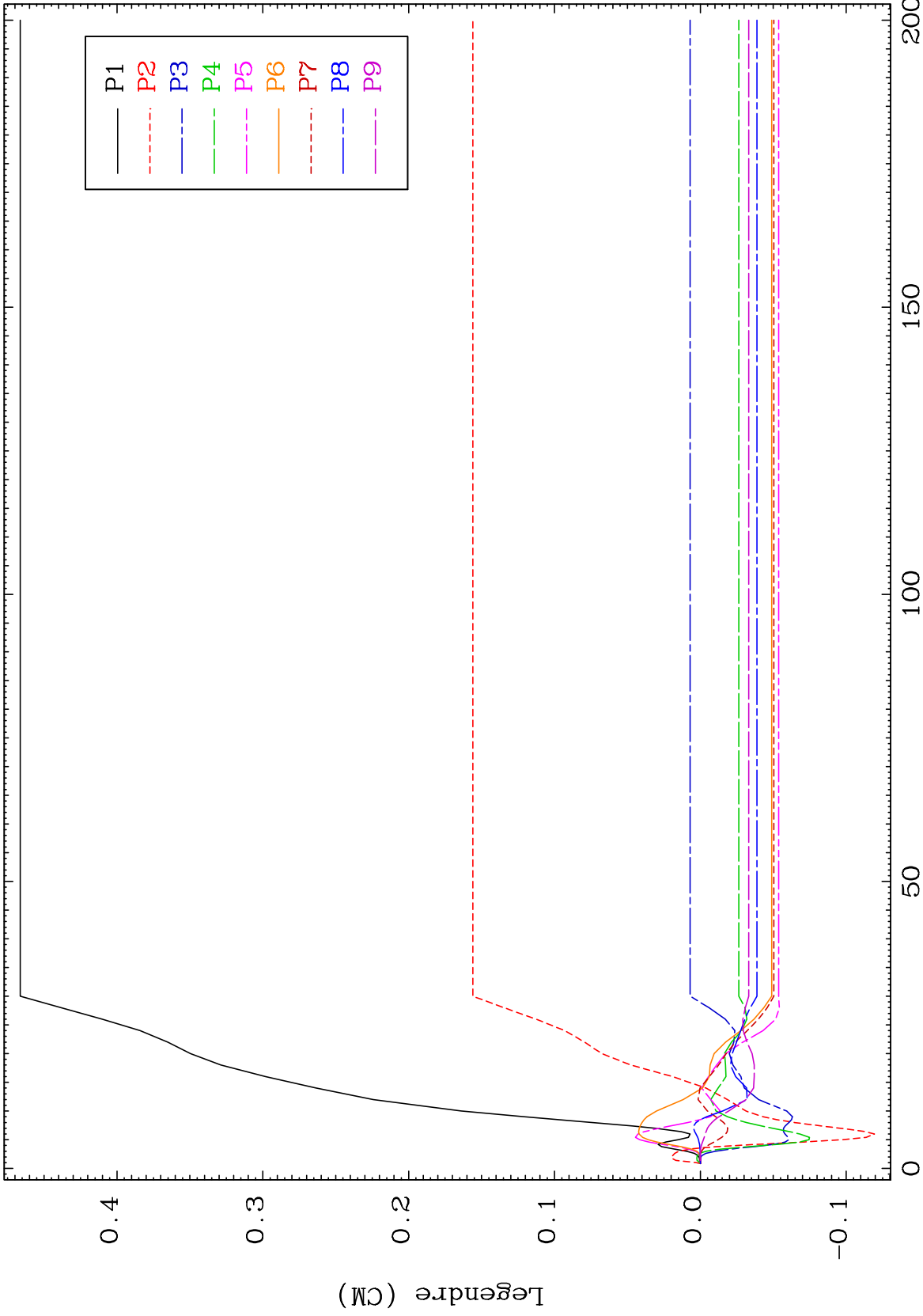
Incident Energy (MeV)

63

MAT 6616

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

66-Dy-153



64

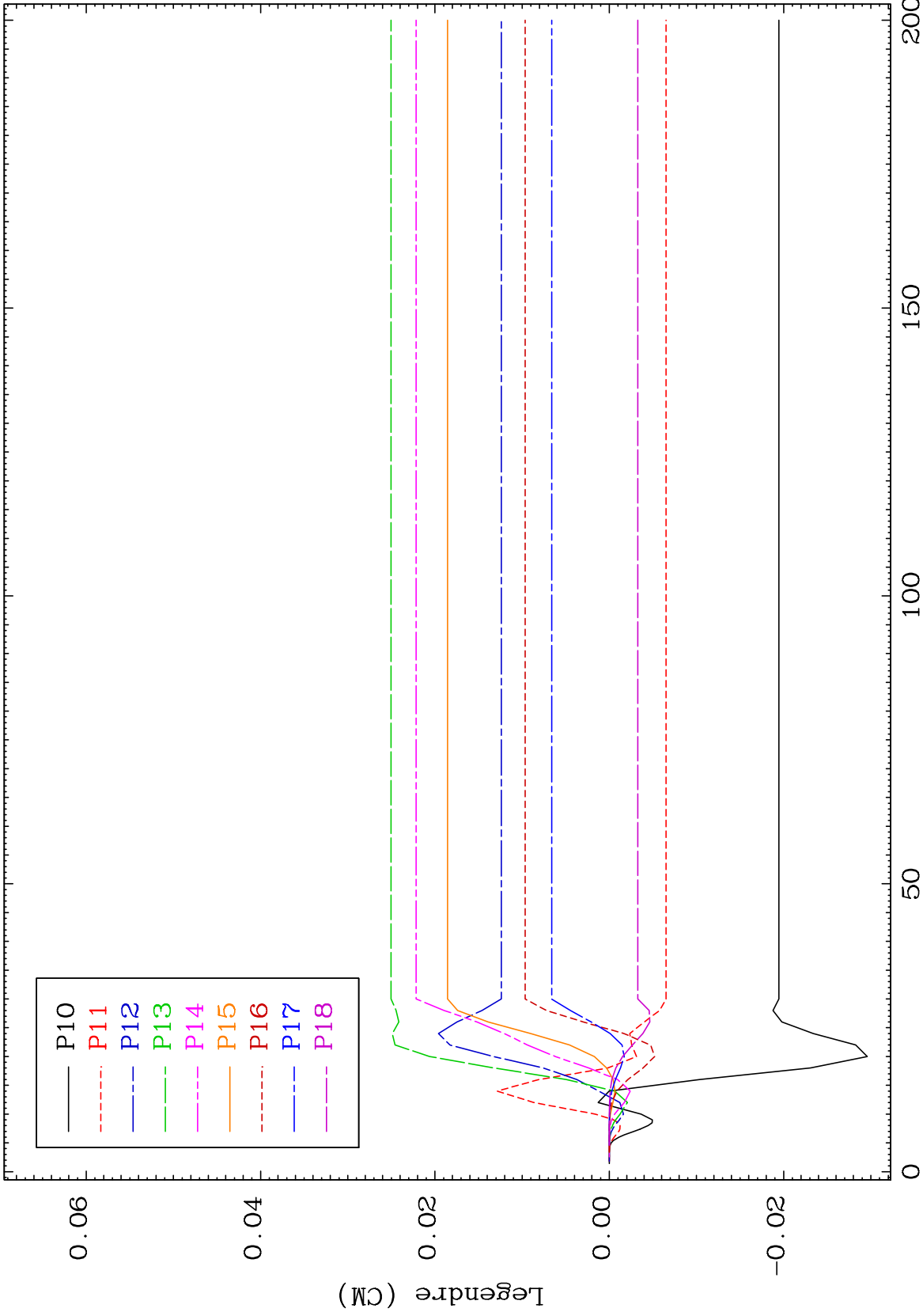
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



65

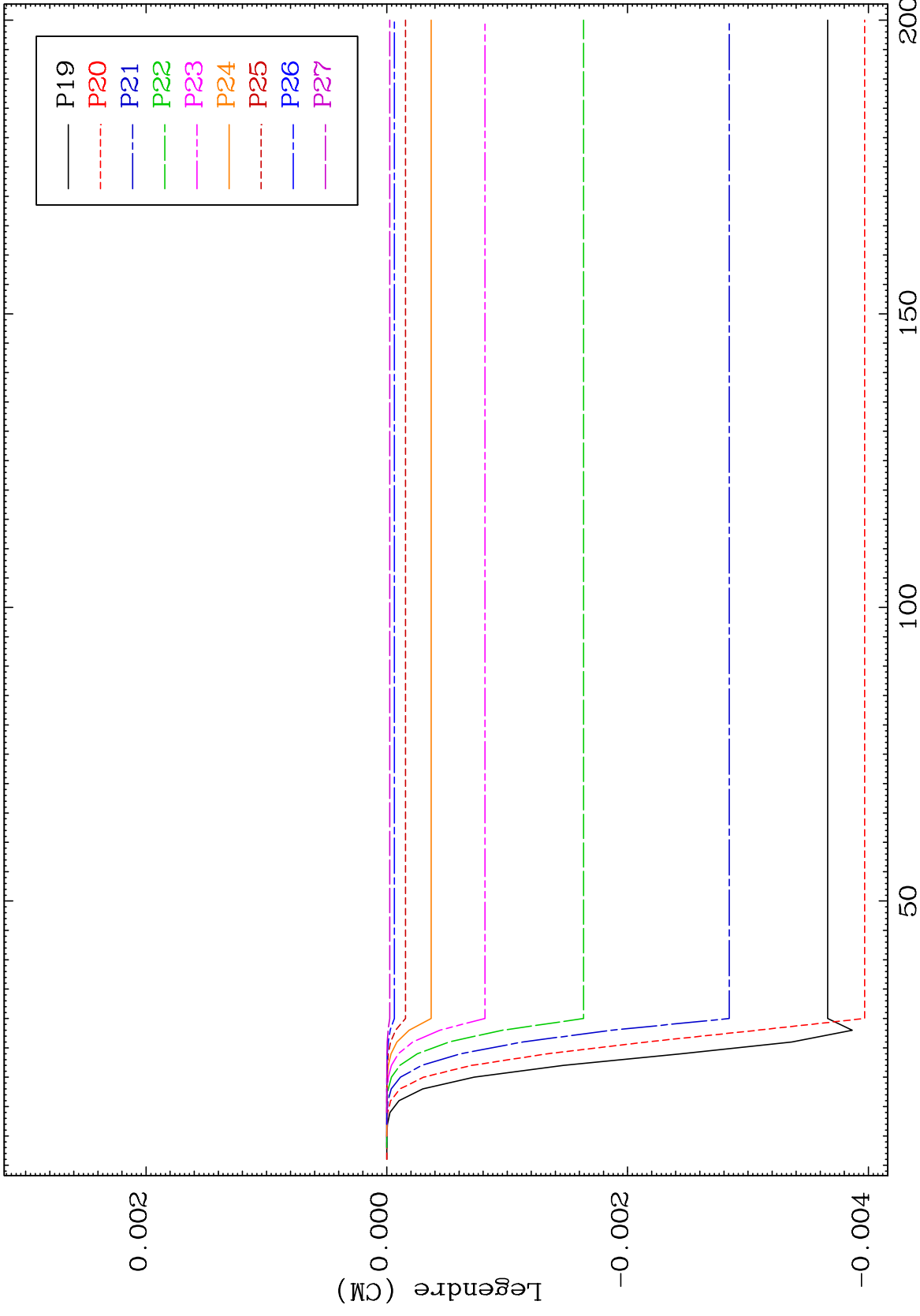
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



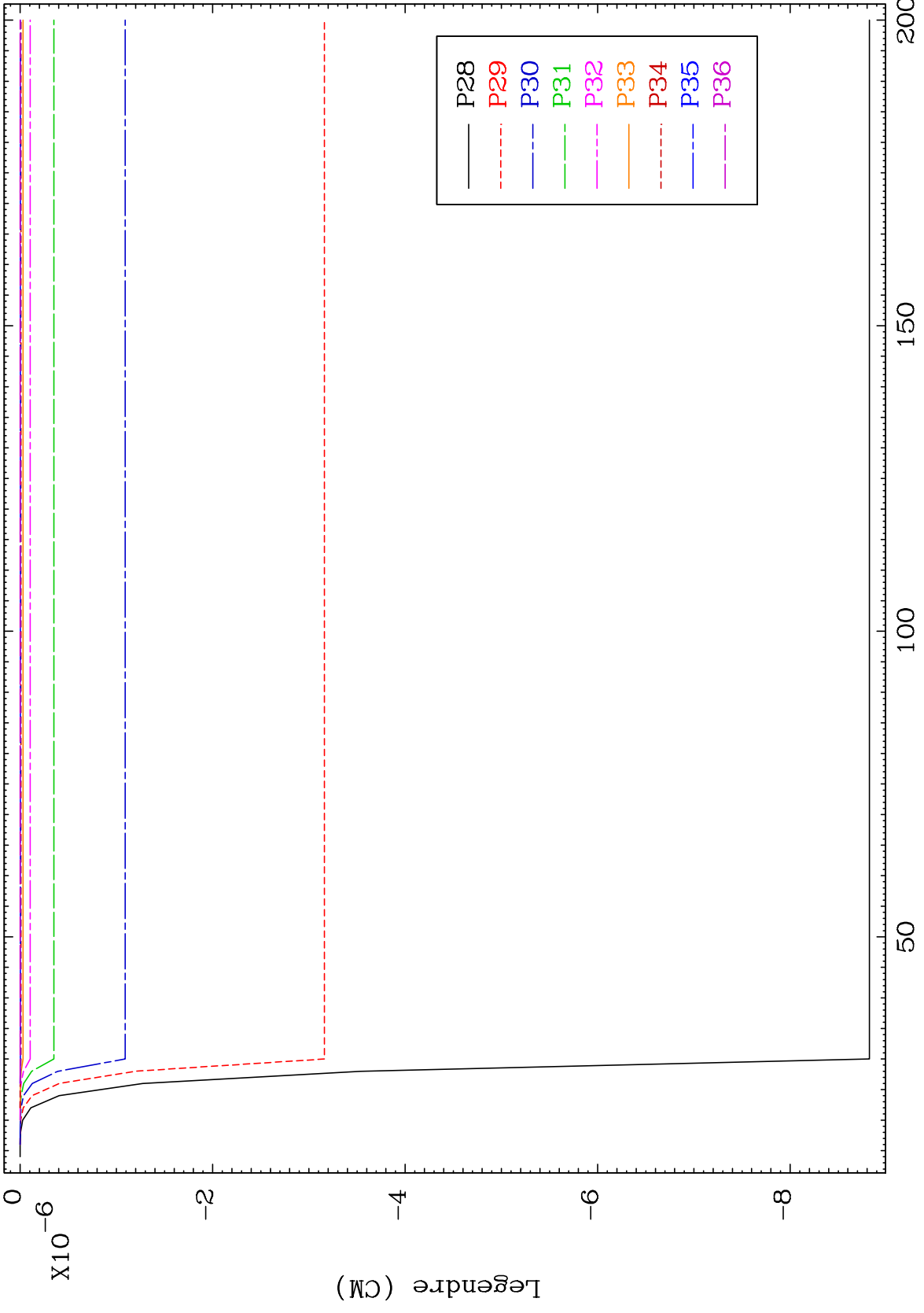
66

Incident Energy (MeV)

66-Dy-153

MAT 6616 MT= 62 (n,n') Level 66-Dy-153

Legendre Coefficients

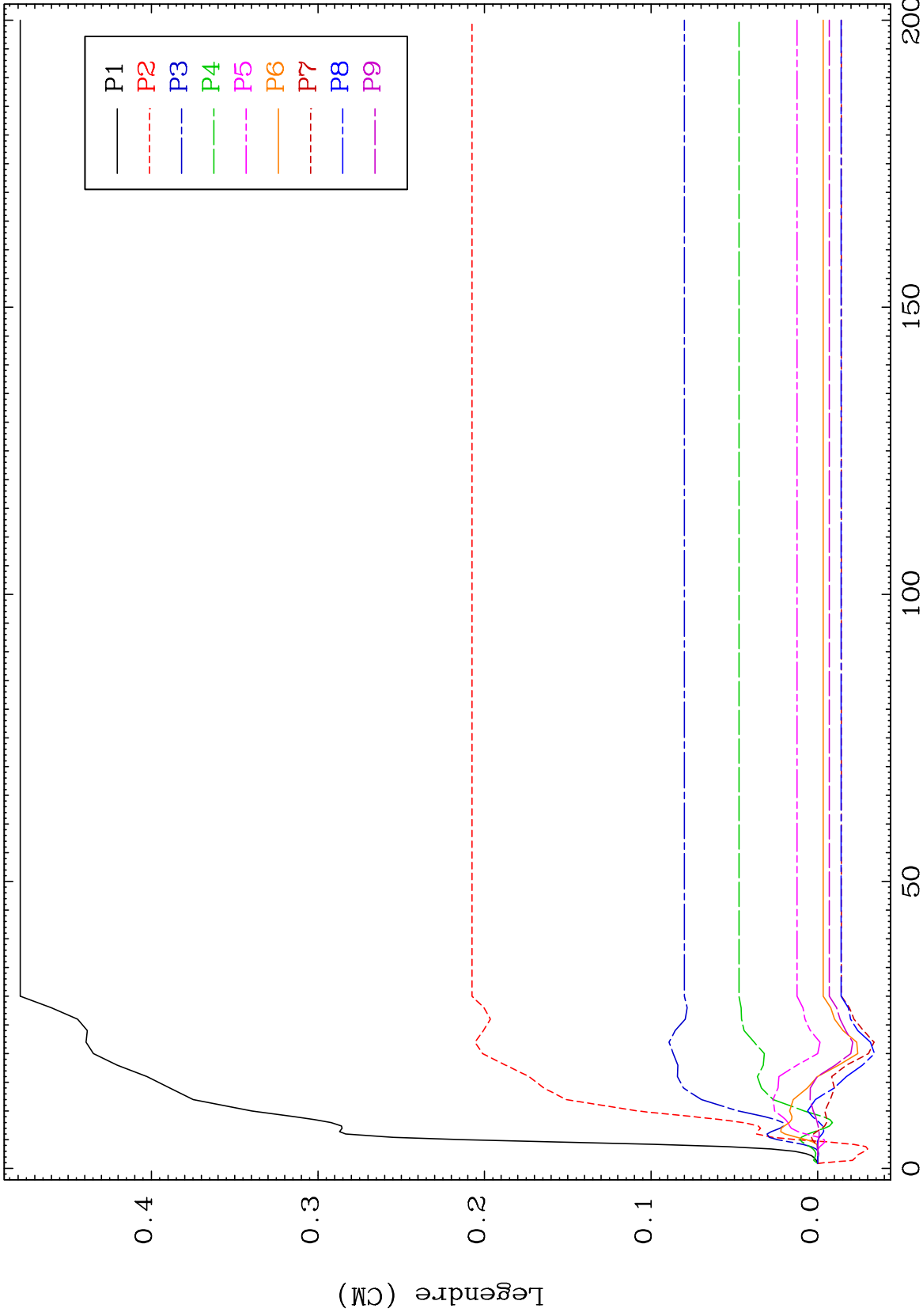


67 66-Dy-153

MAT 6616

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

66-Dy-153

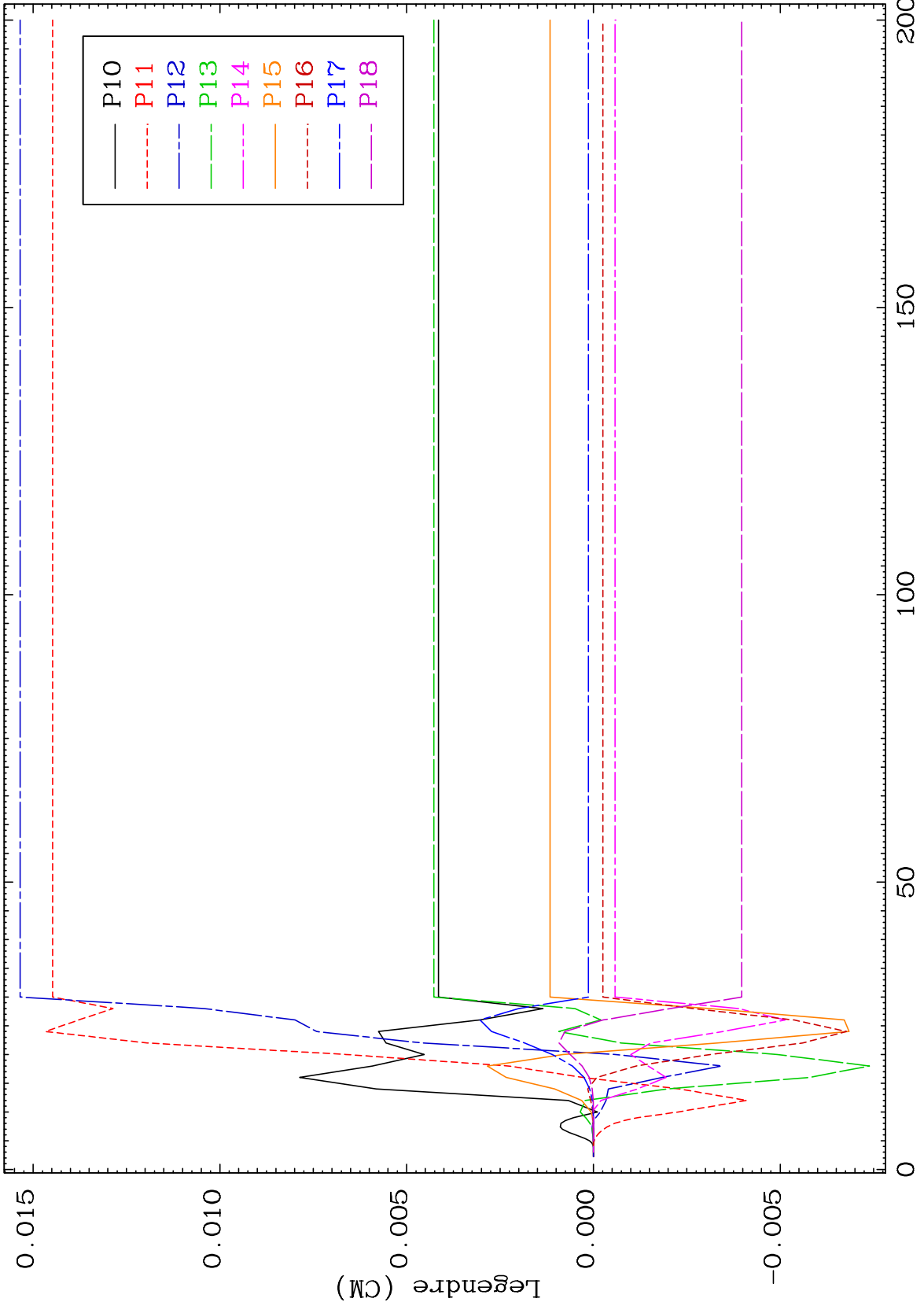


68

Incident Energy (MeV)

66-Dy-153

MAT 6616 MT= 63 (n,n') Level Legendre Coefficients 66-Dy-153

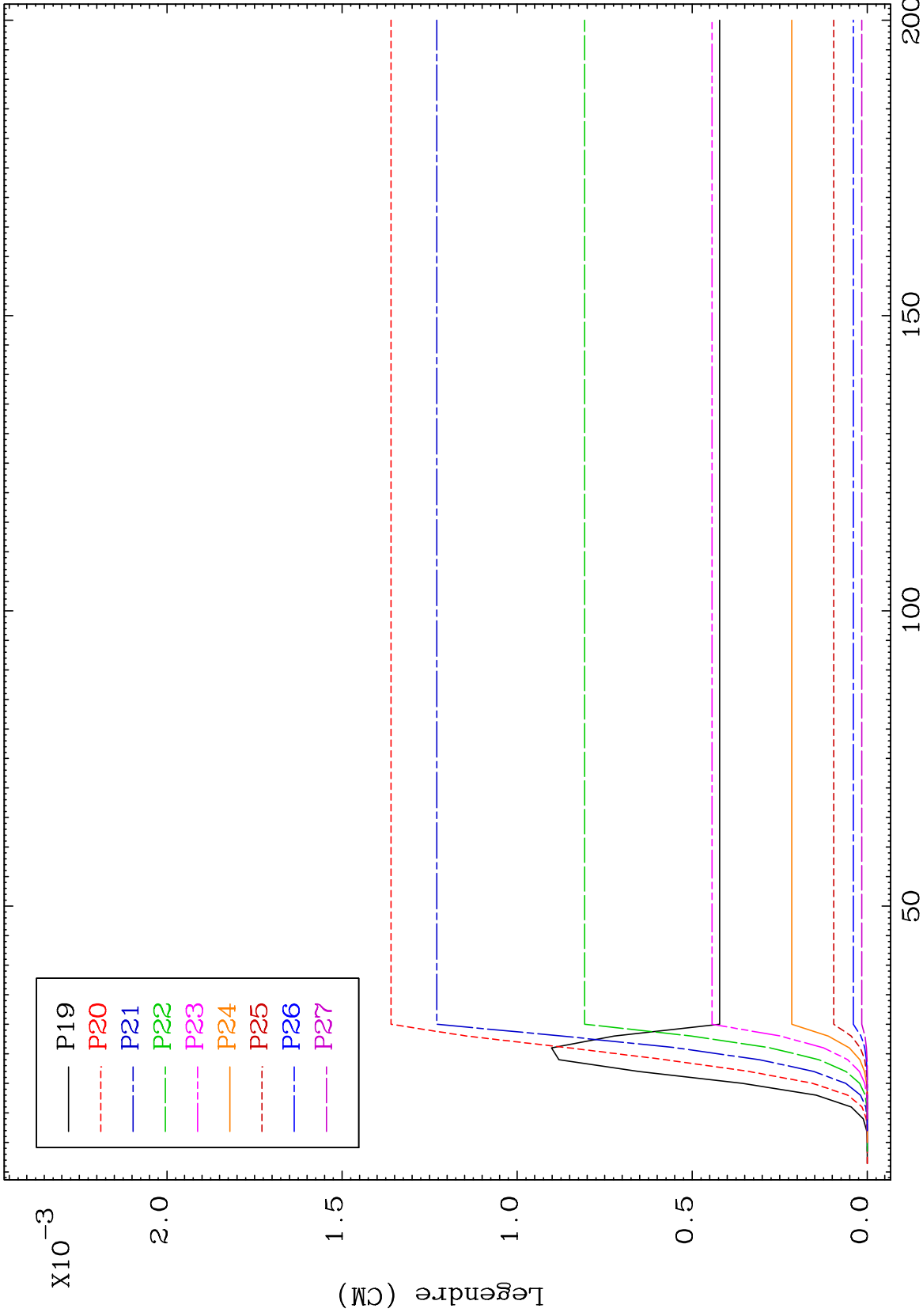


69 66-Dy-153

MAT 6616

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

66-Dy-153



70

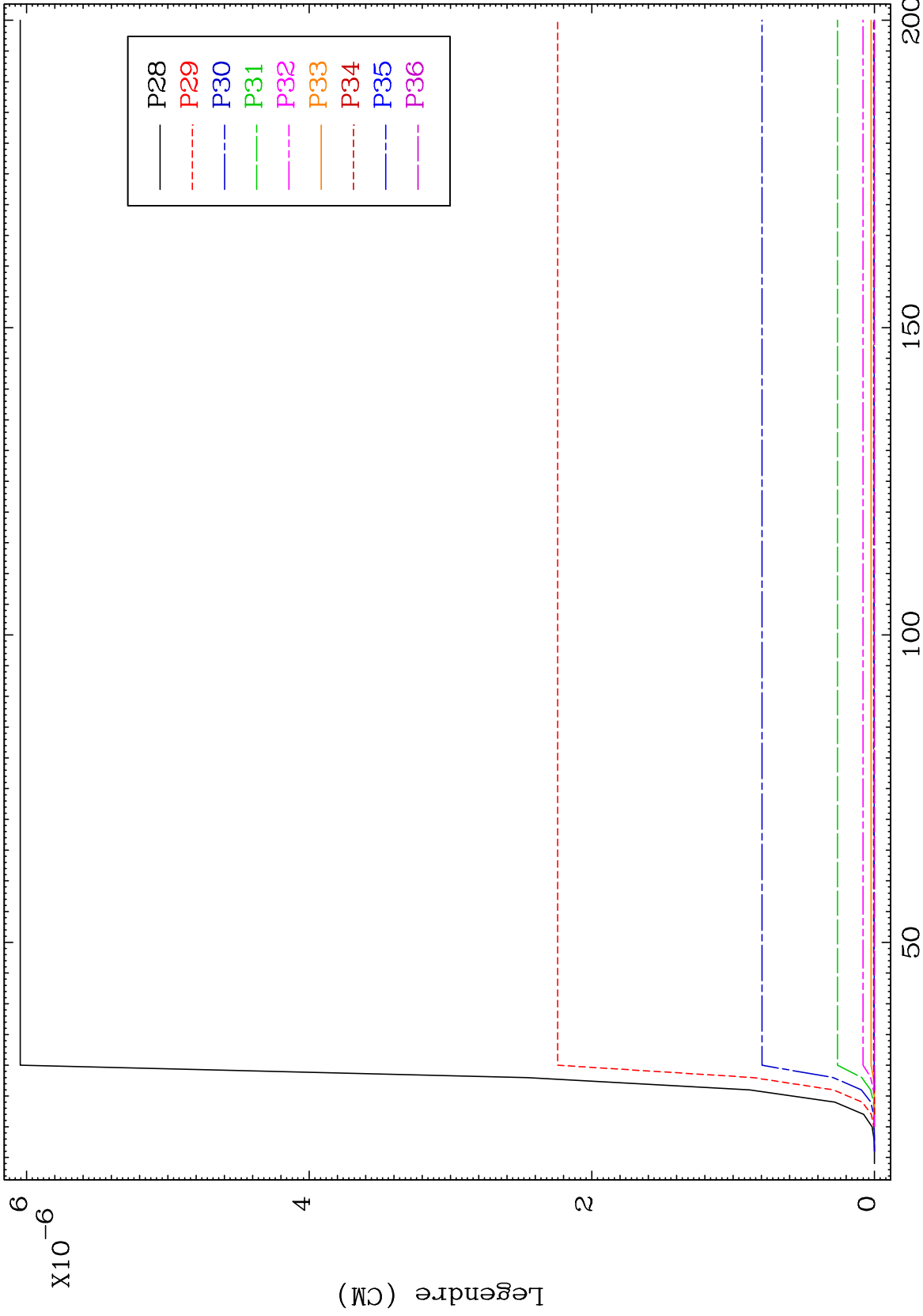
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



71

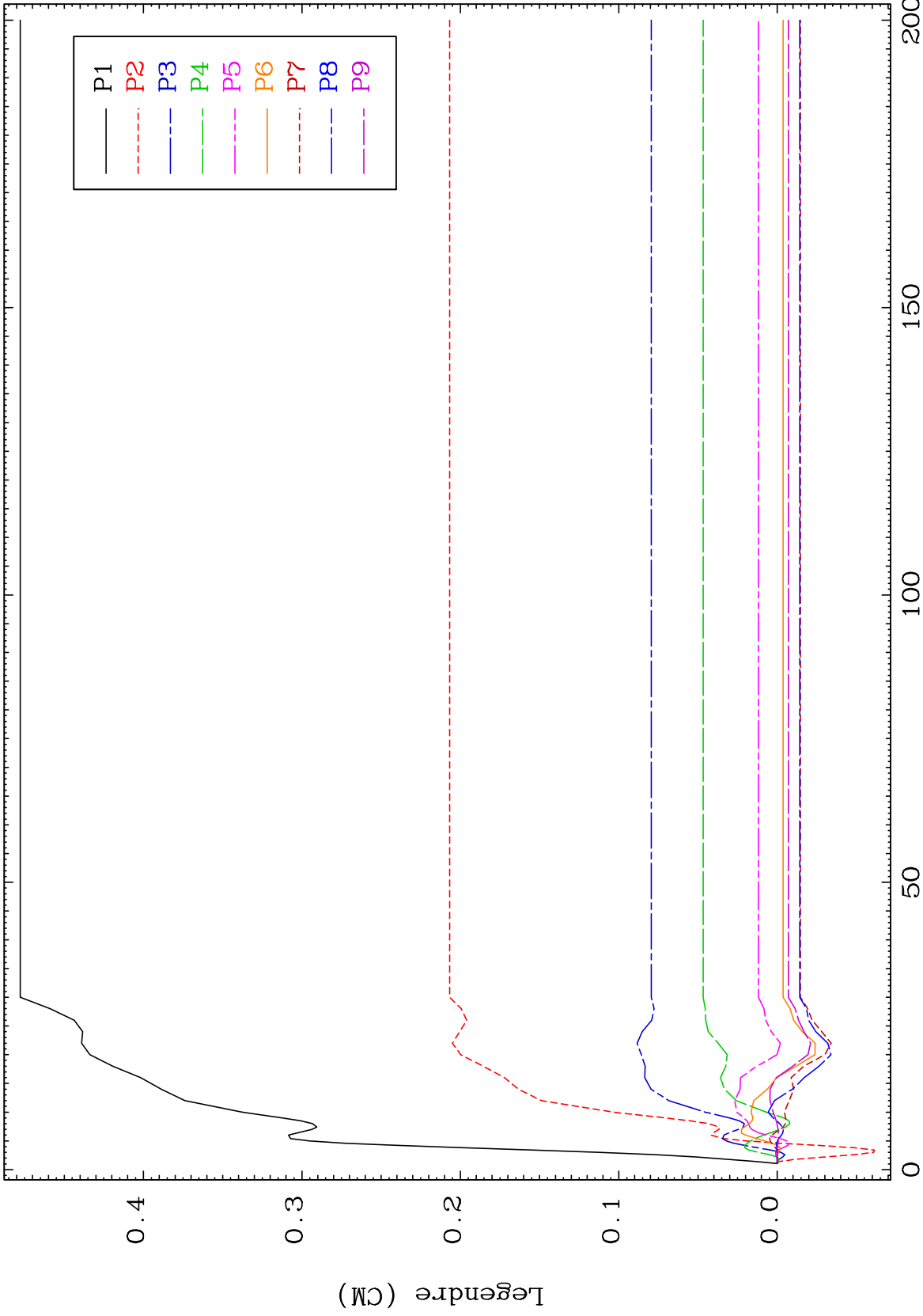
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153

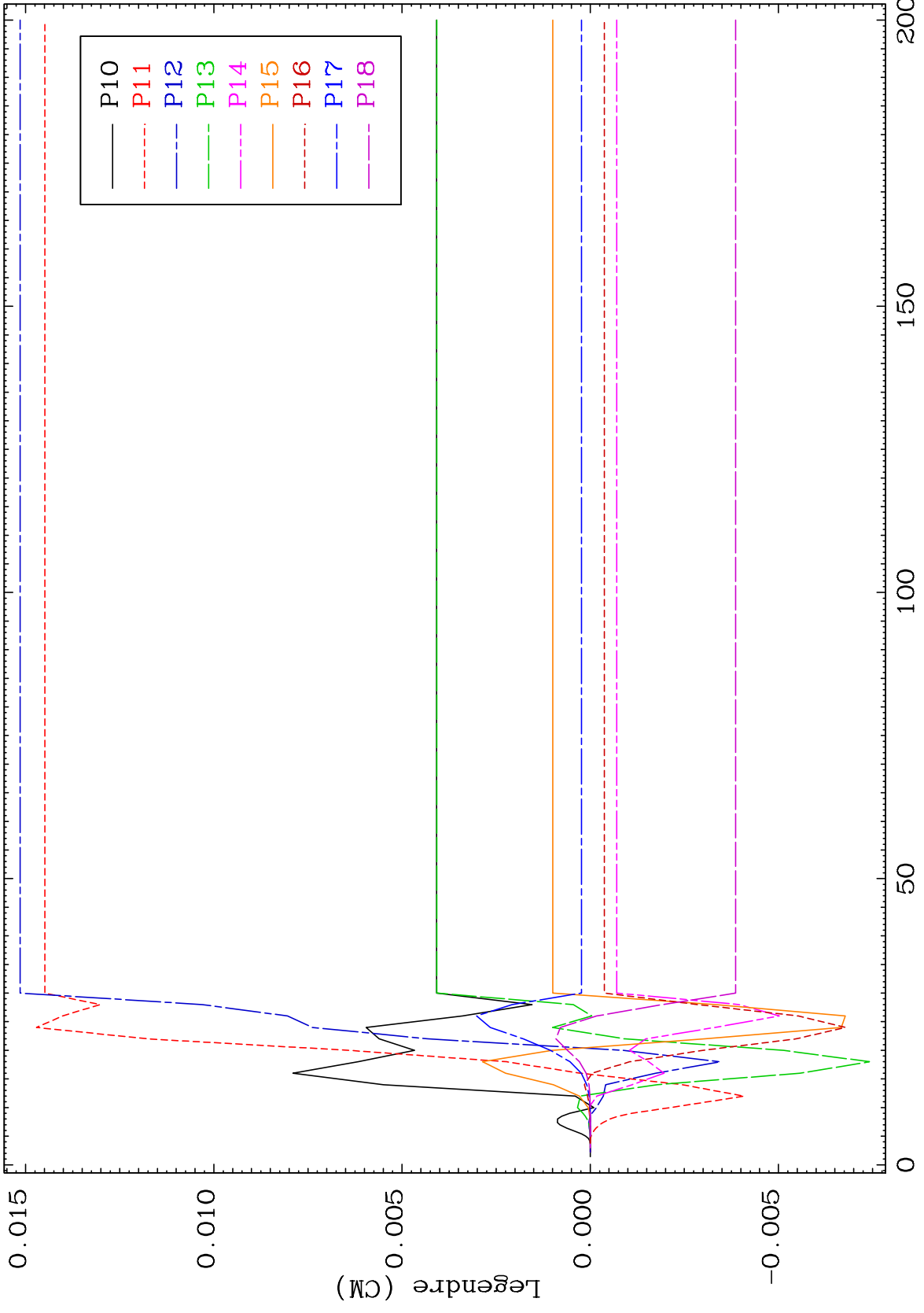


72

Incident Energy (MeV)

66-Dy-153

MAT 6616 MT= 64 (n,n') Level Legendre Coefficients 66-Dy-153

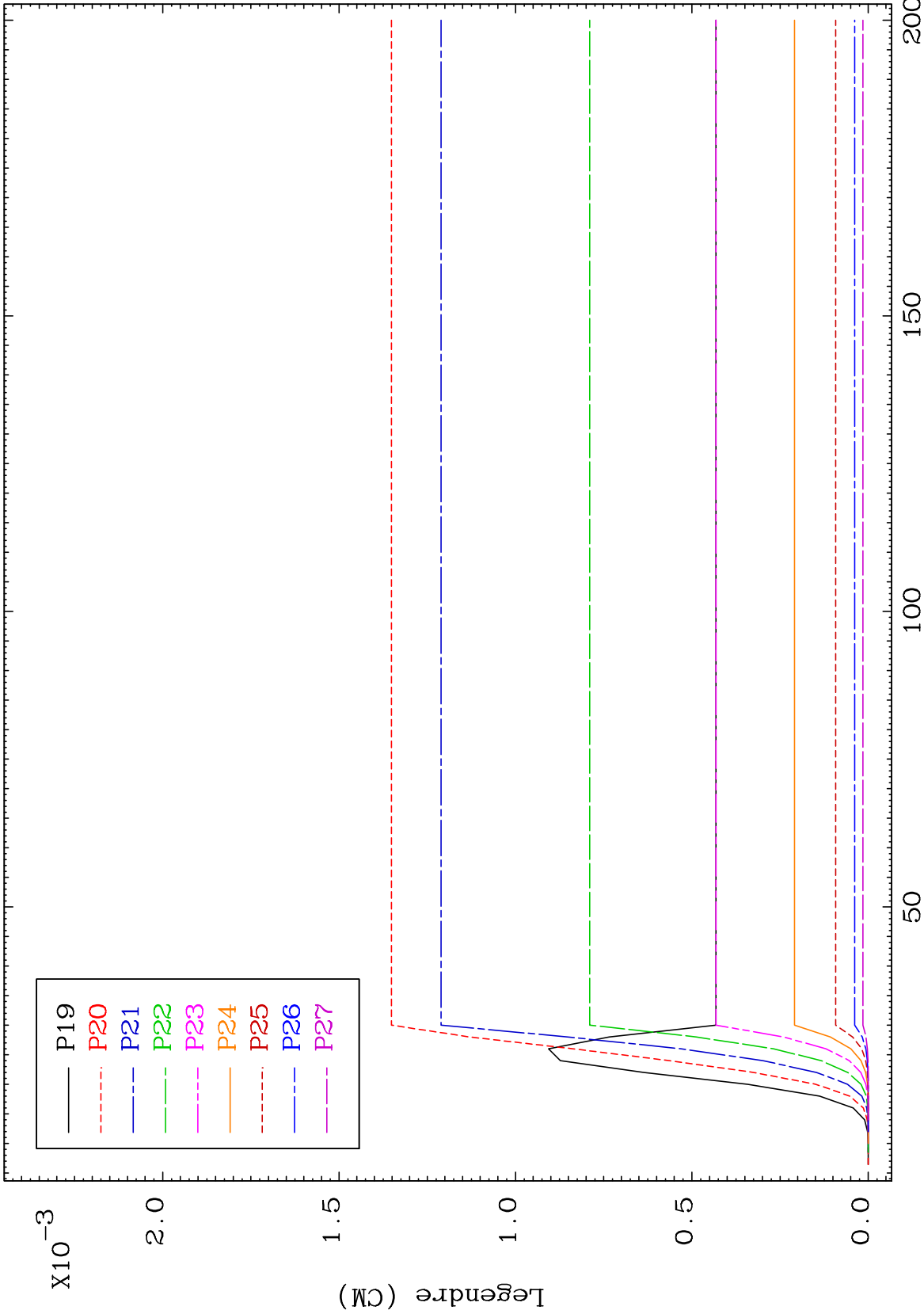


73 66-Dy-153

MAT 6616

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

66-Dy-153



74

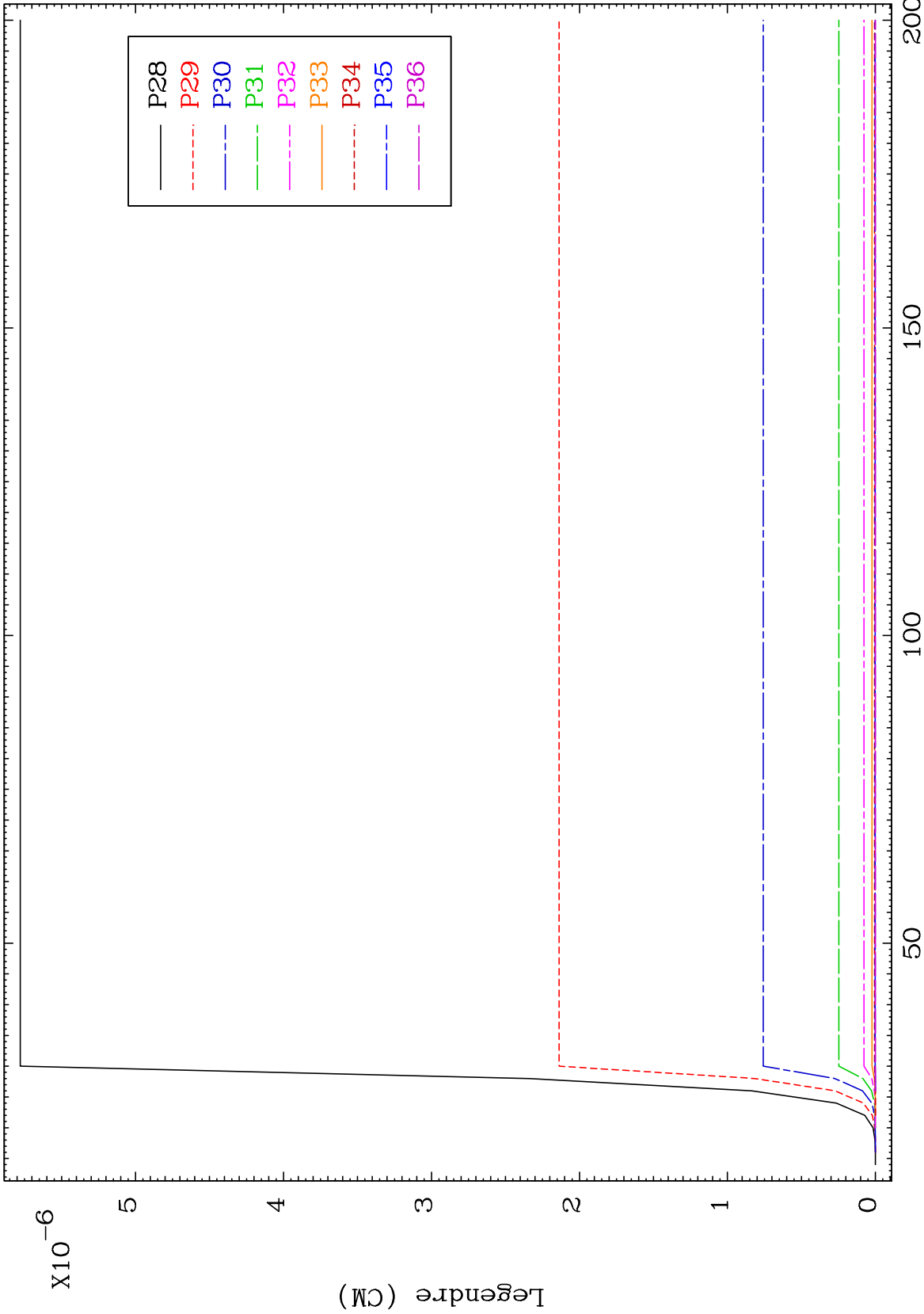
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



75

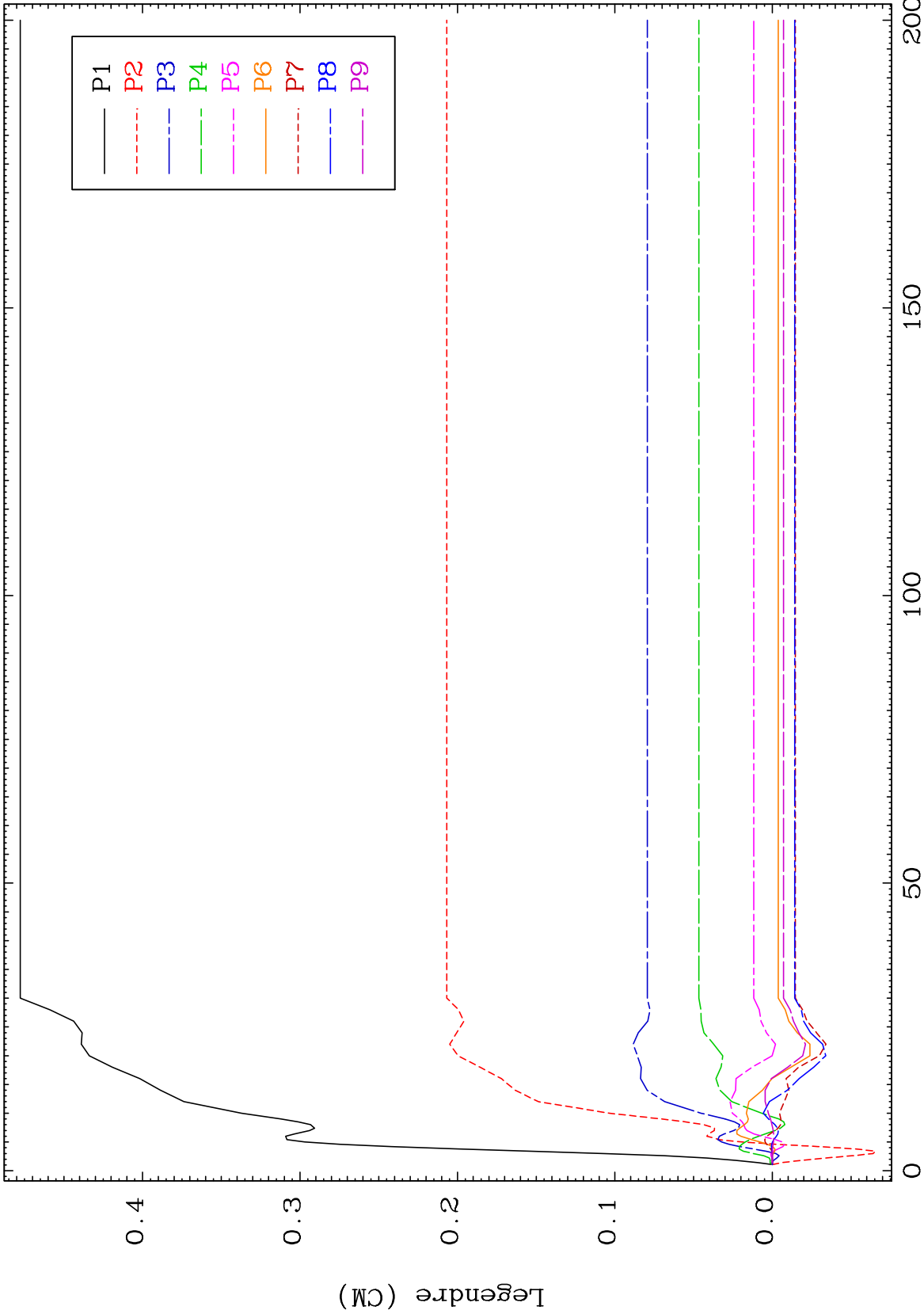
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153

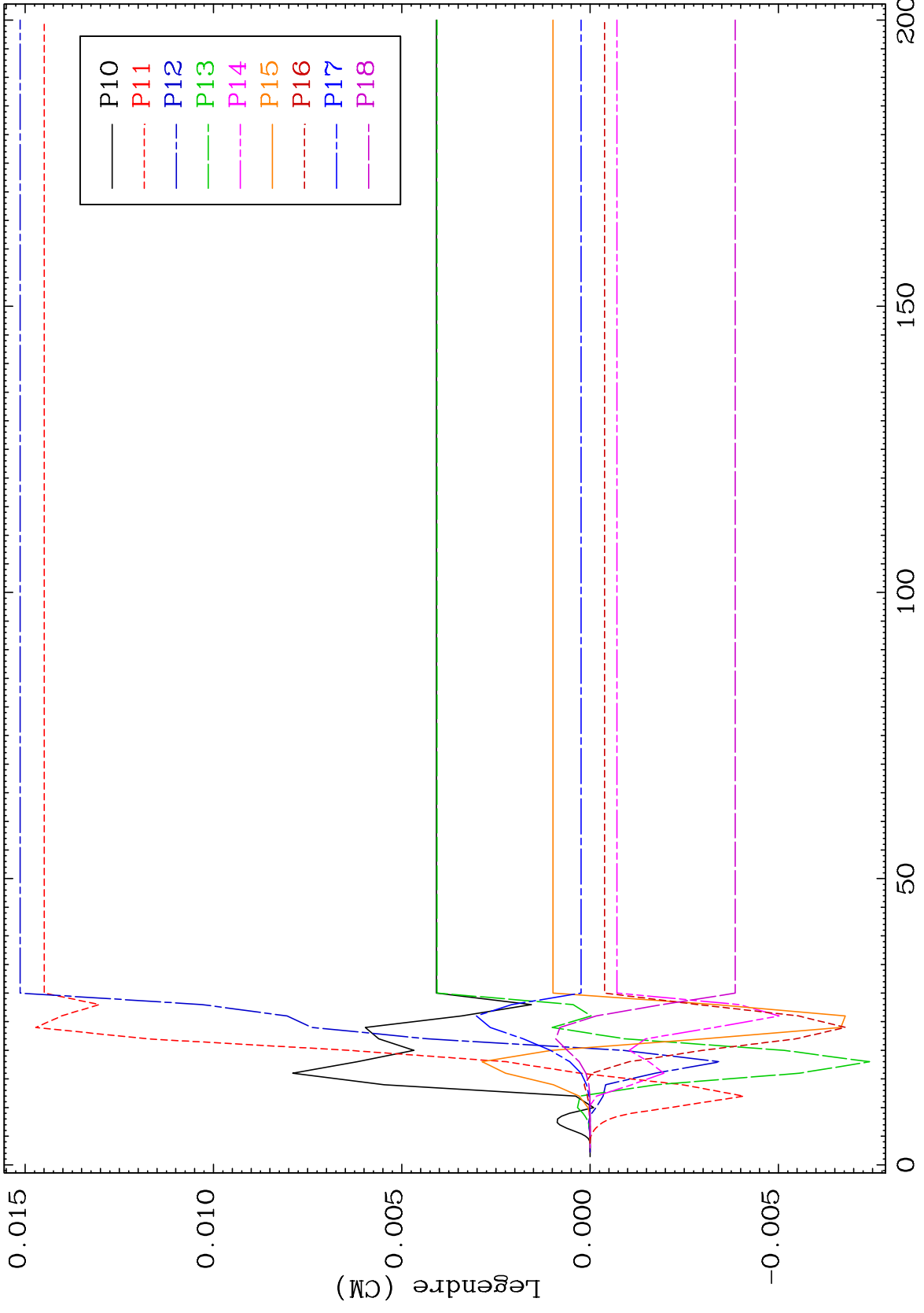


76

Incident Energy (MeV)

66-Dy-153

MAT 6616 MT= 65 (n,n') Level Legendre Coefficients 66-Dy-153

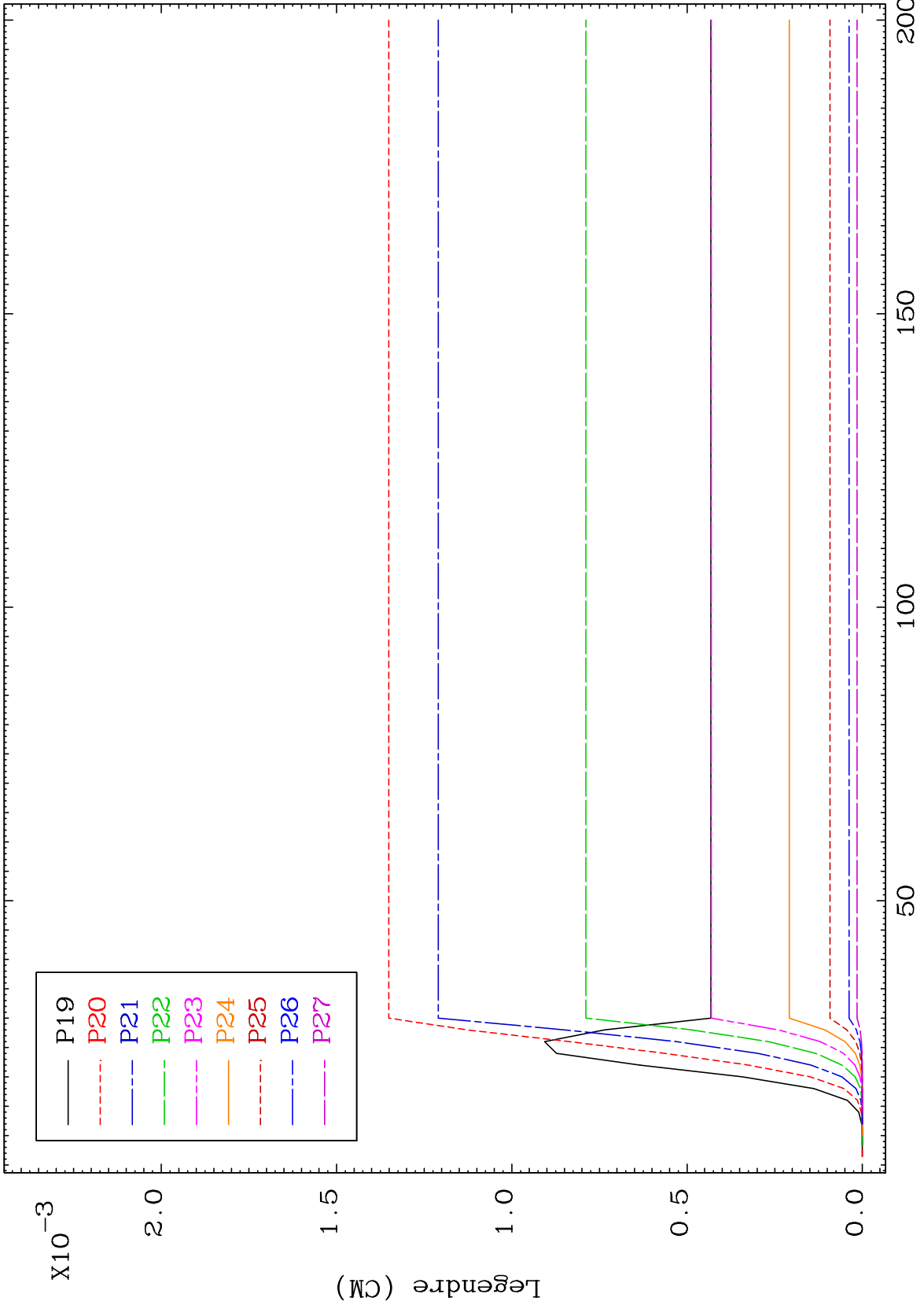


77 66-Dy-153

MAT 6616

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

66-Dy-153



78

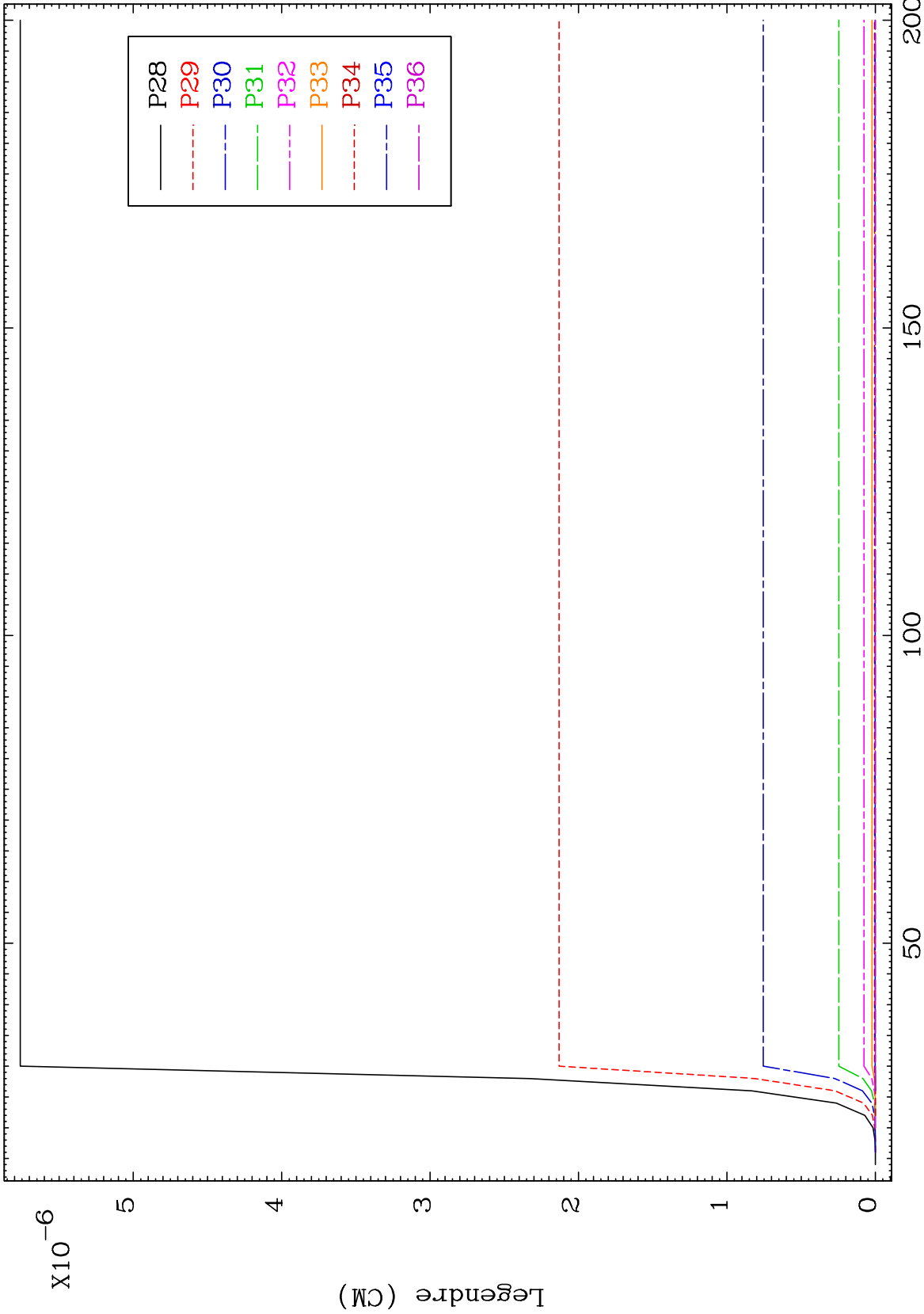
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



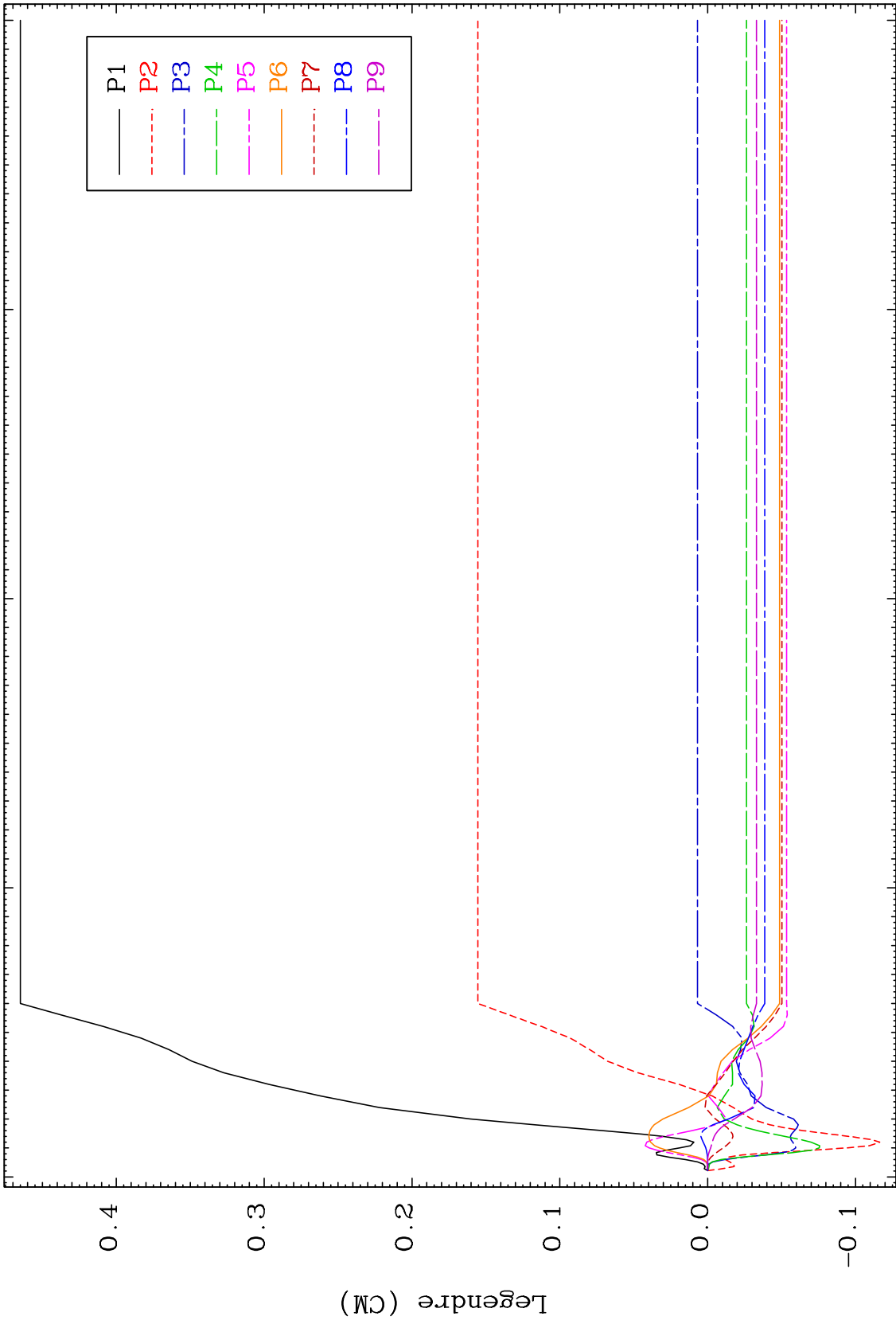
79

66-Dy-153

MAT 6616

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

66-Dy-153



66-Dy-153

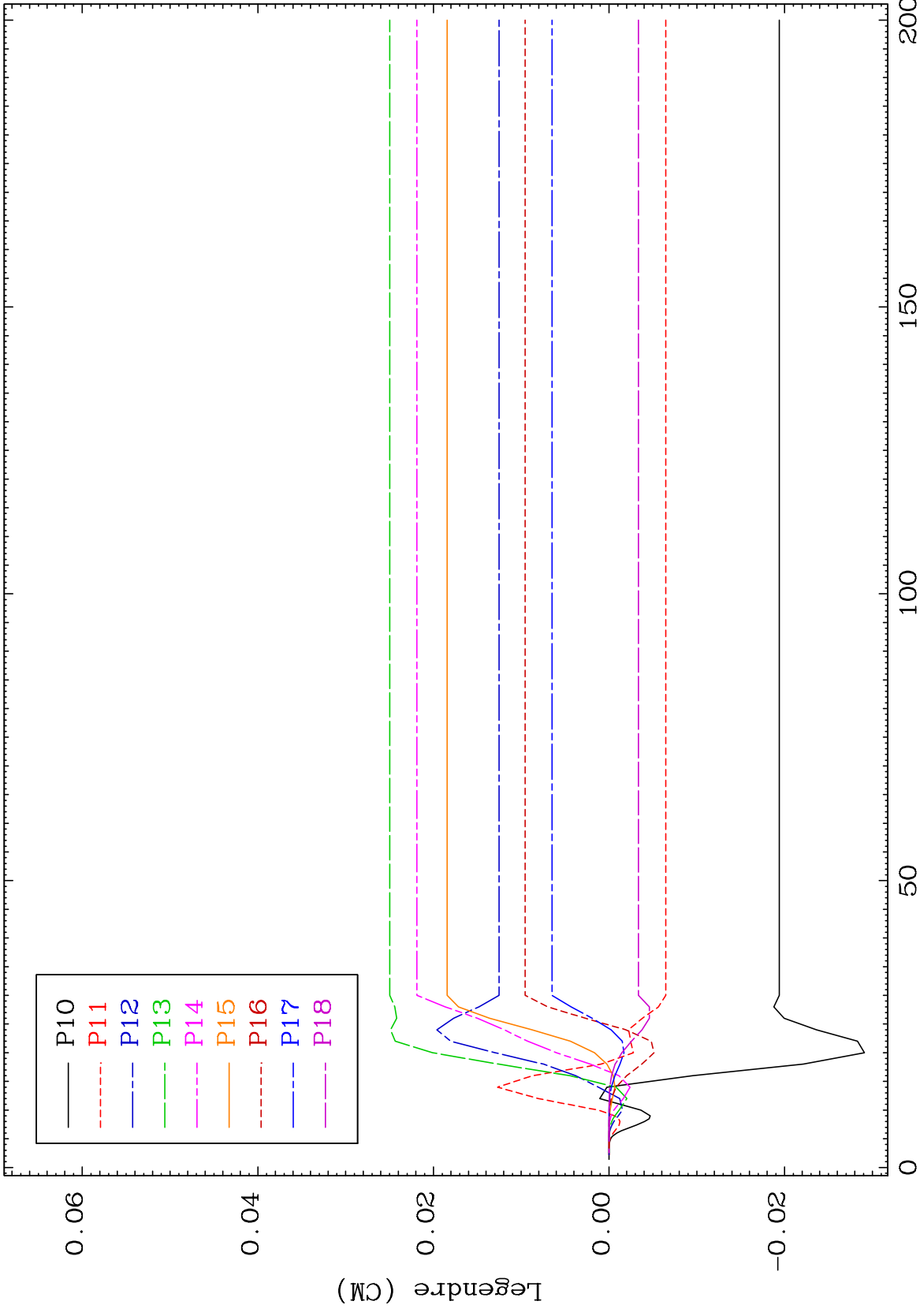
Incident Energy (MeV)

80

MAT 6616

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

66-Dy-153



81

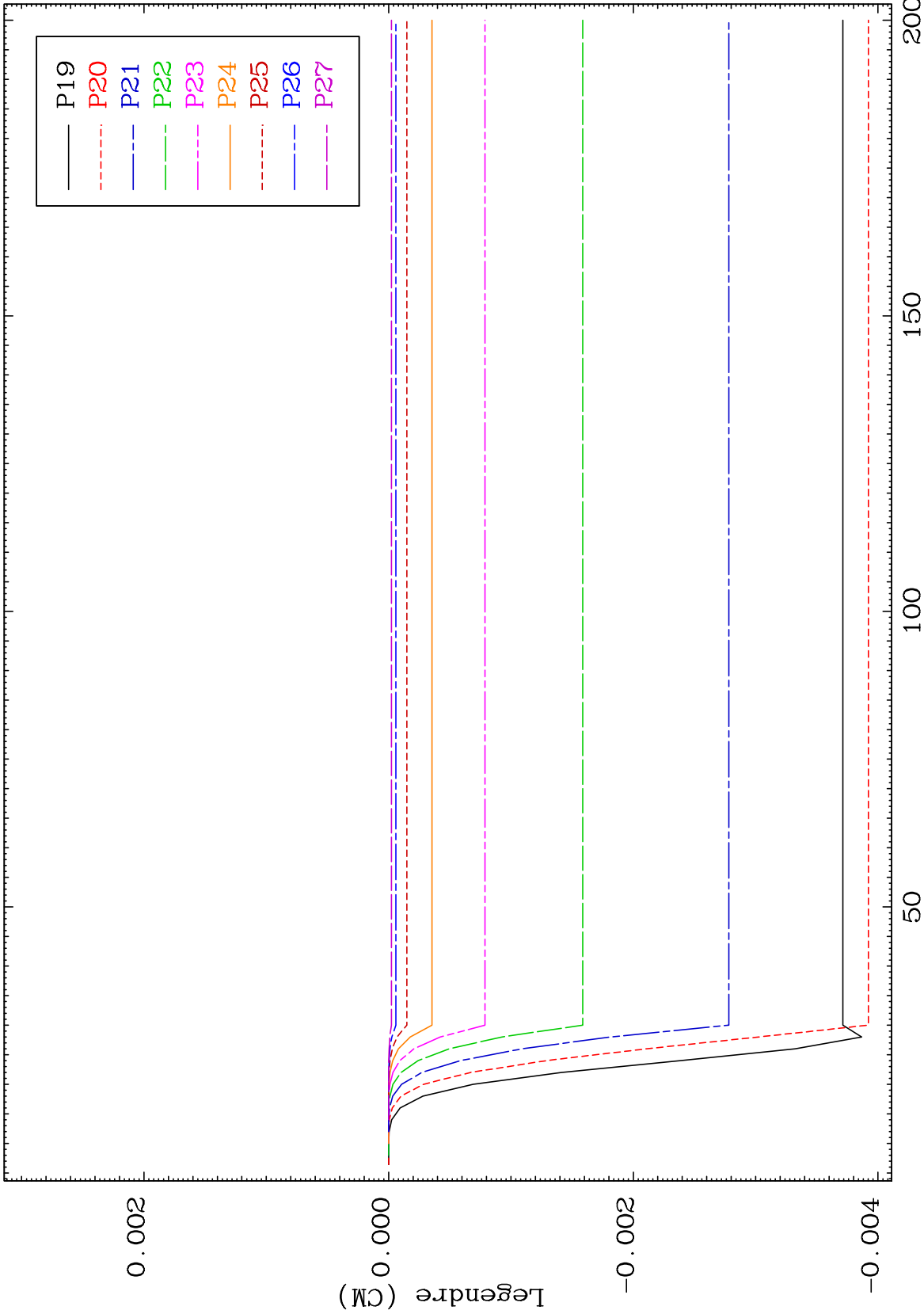
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



82

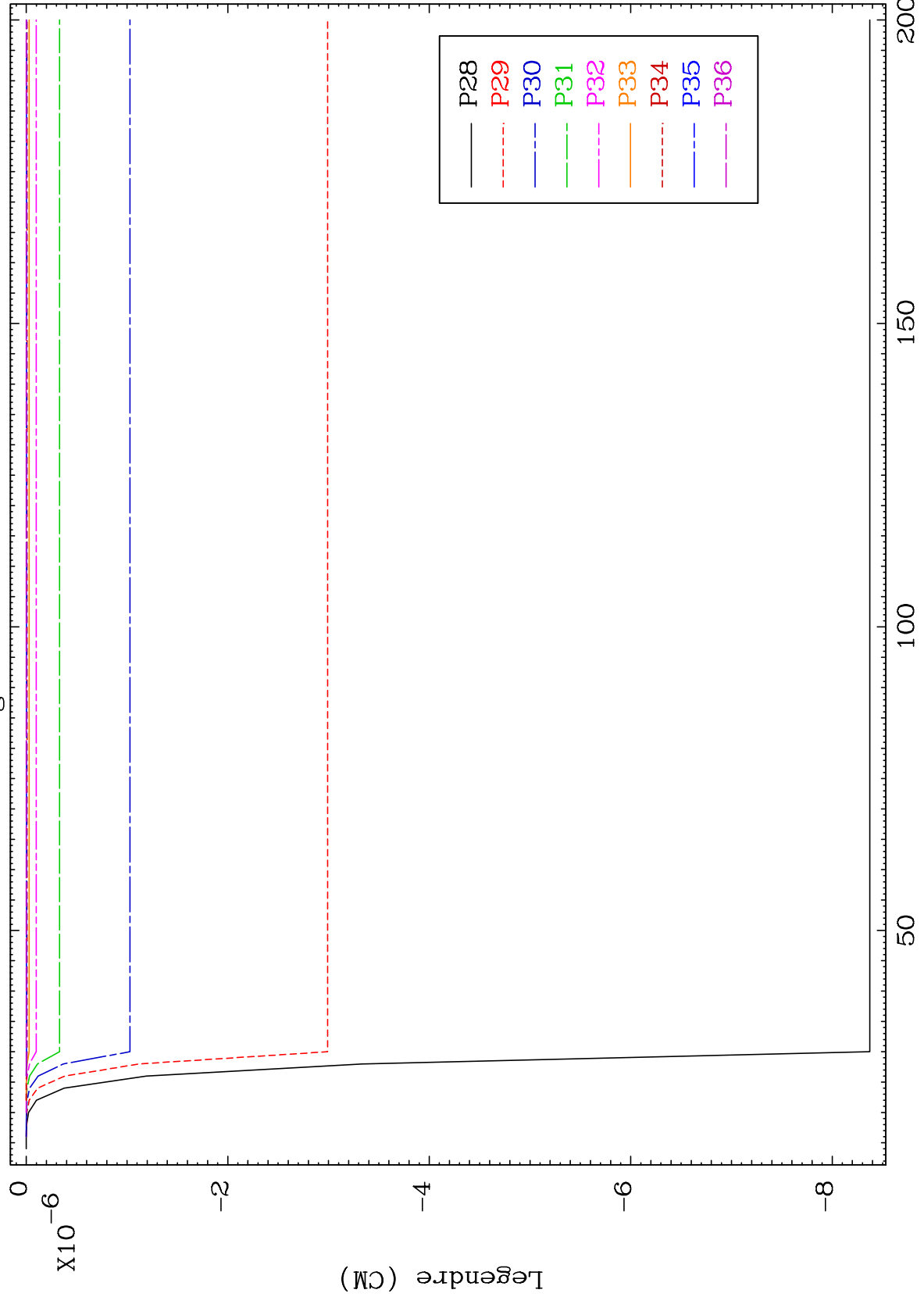
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



66-Dy-153

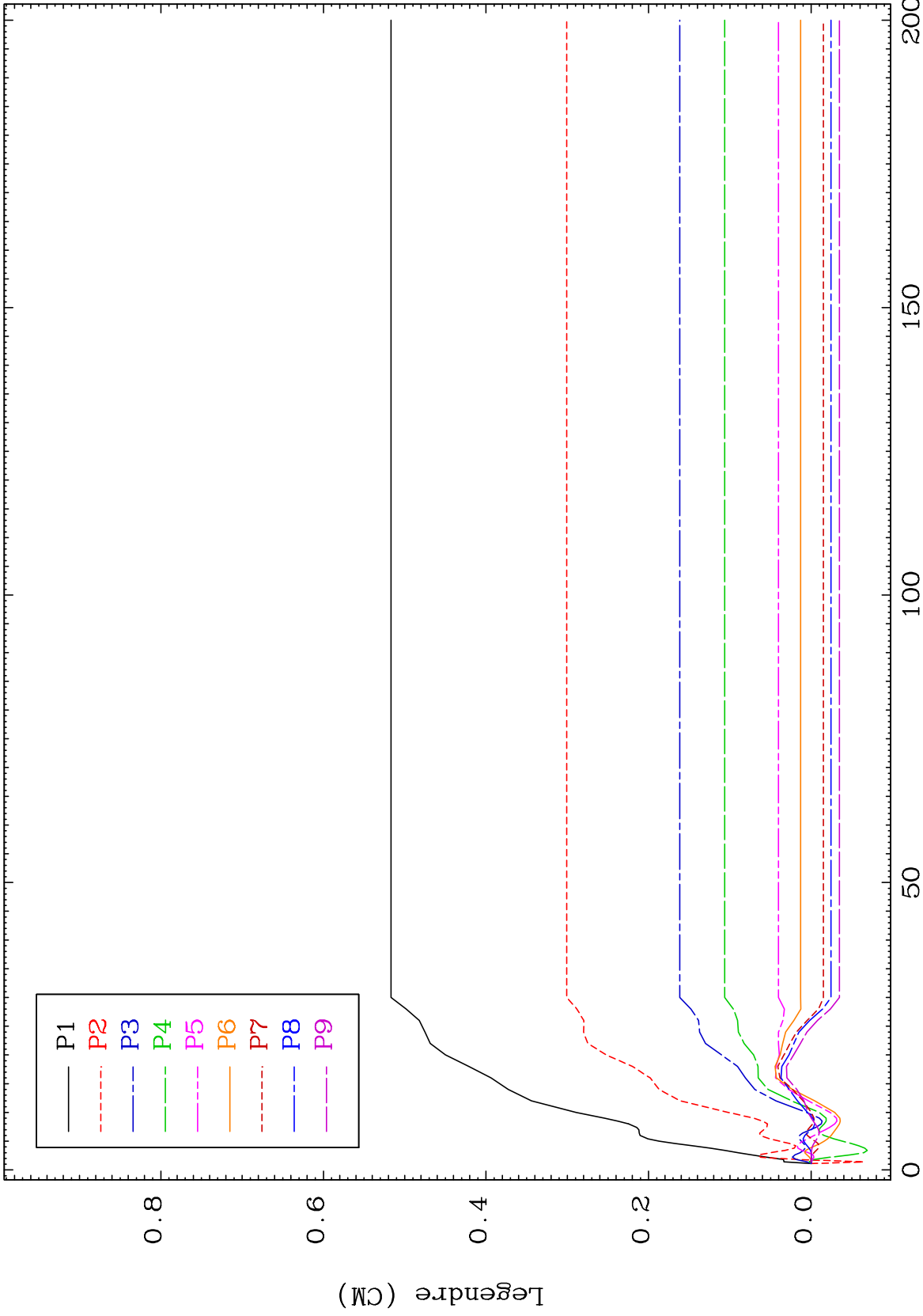
Incident Energy (MeV)

83

MAT 6616

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

66-Dy-153



84

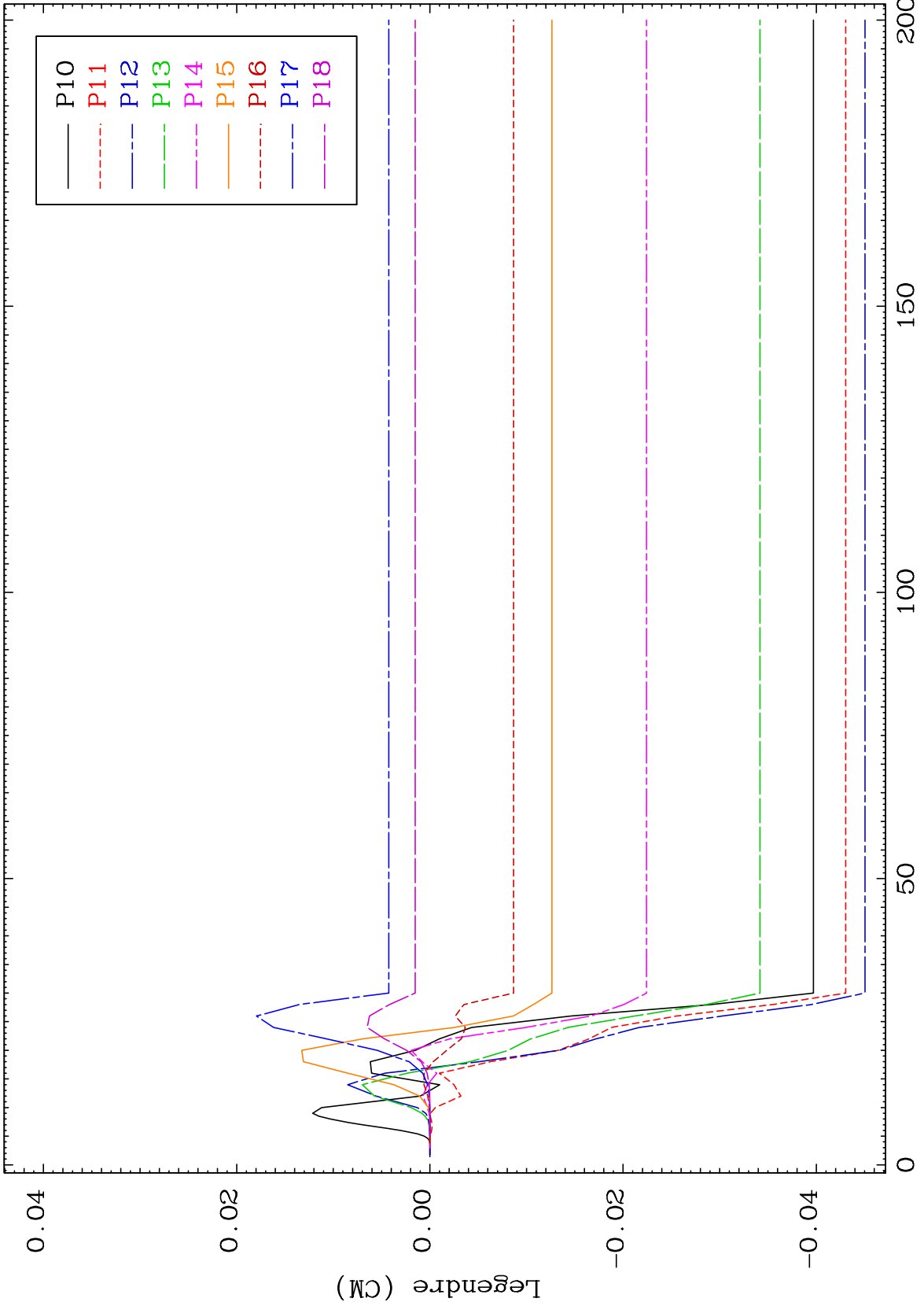
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



85

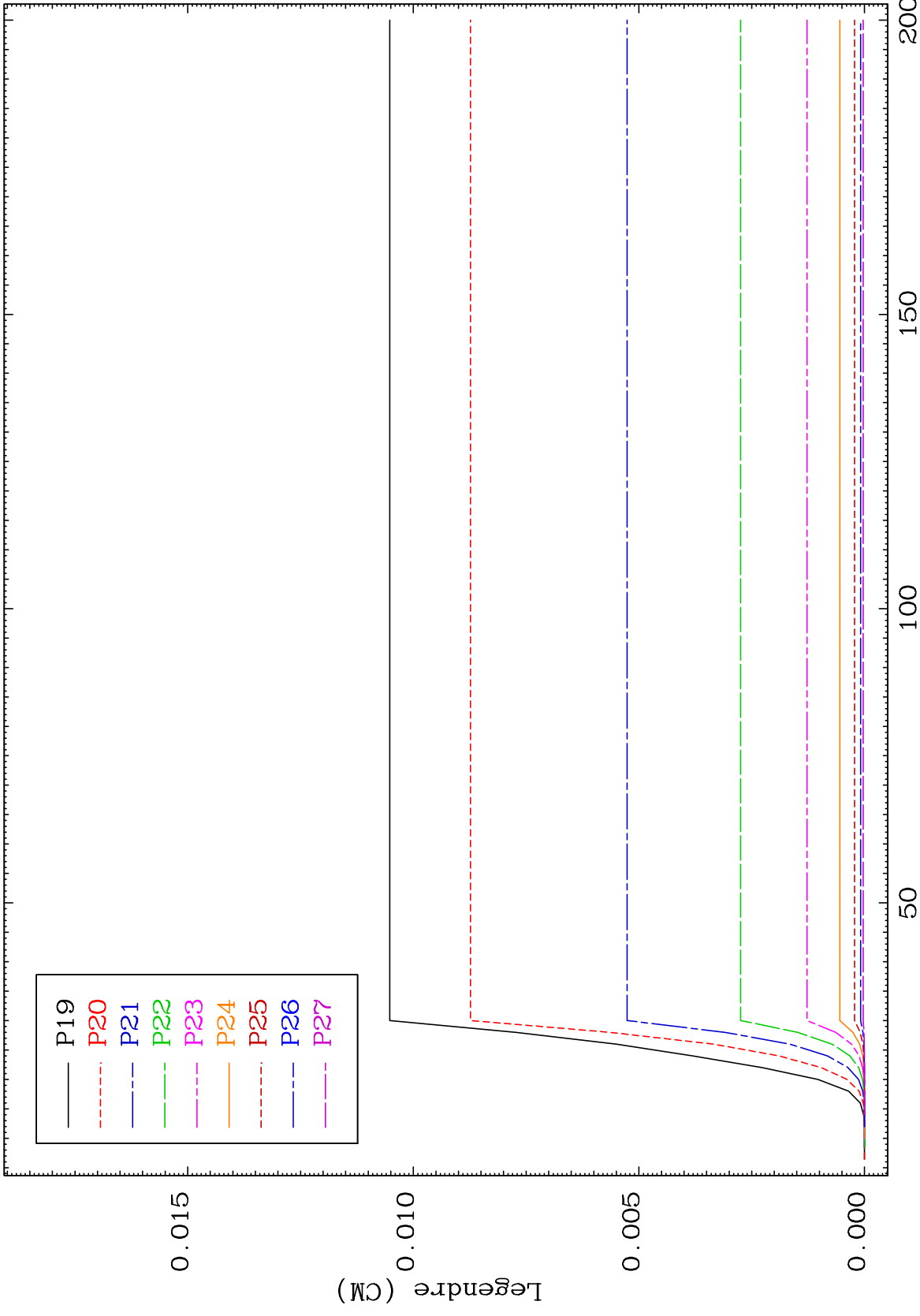
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



86

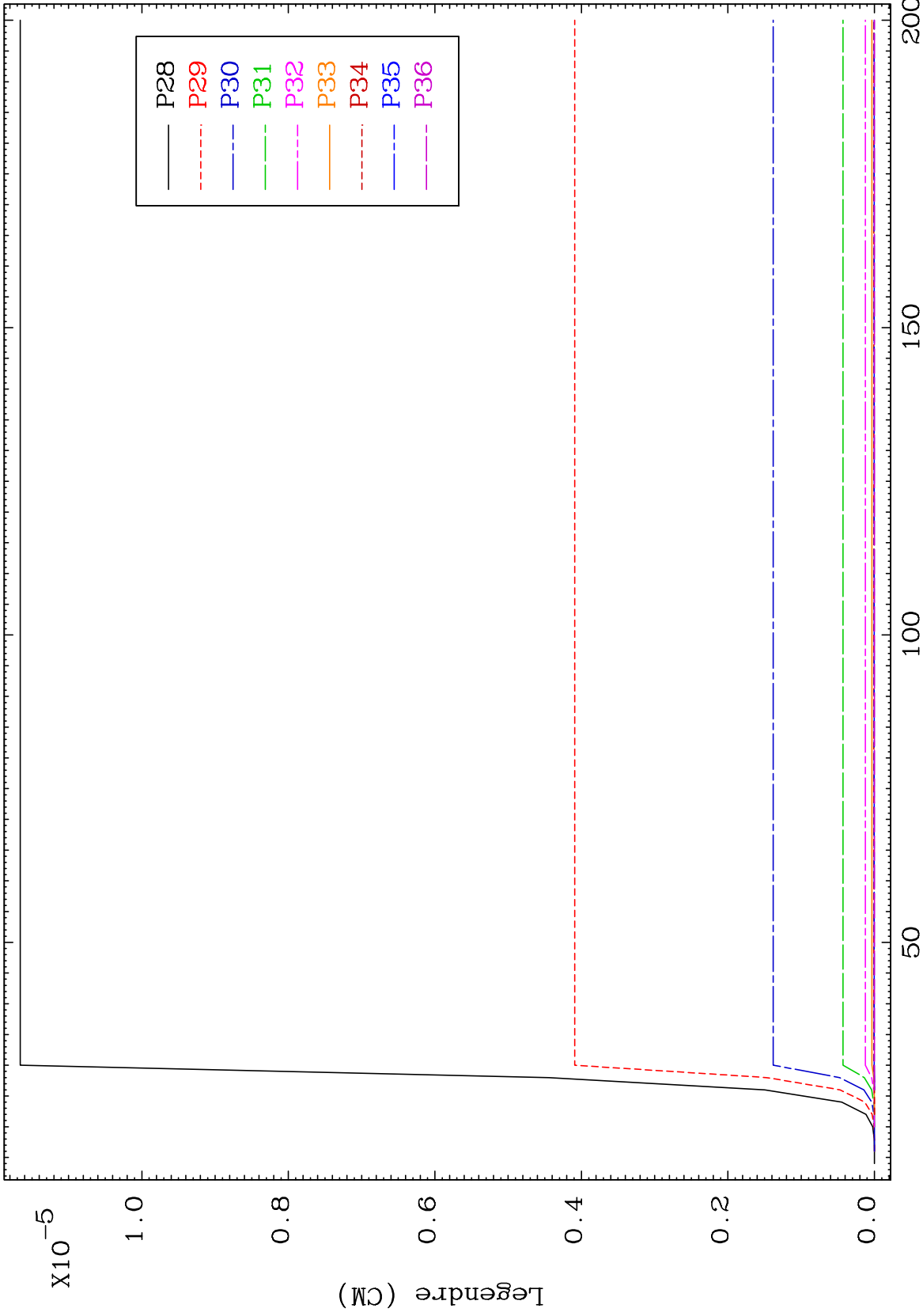
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



87

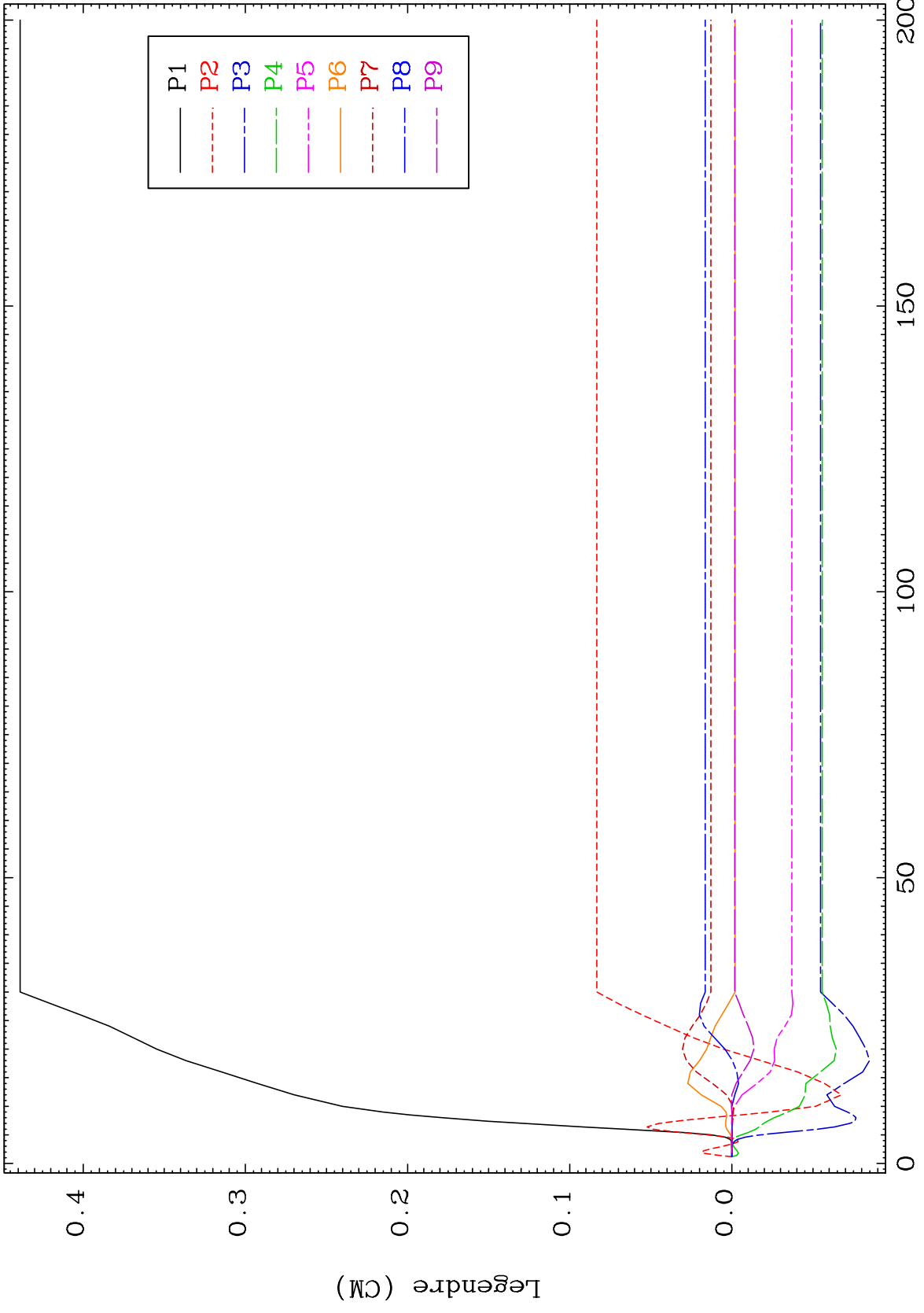
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



88

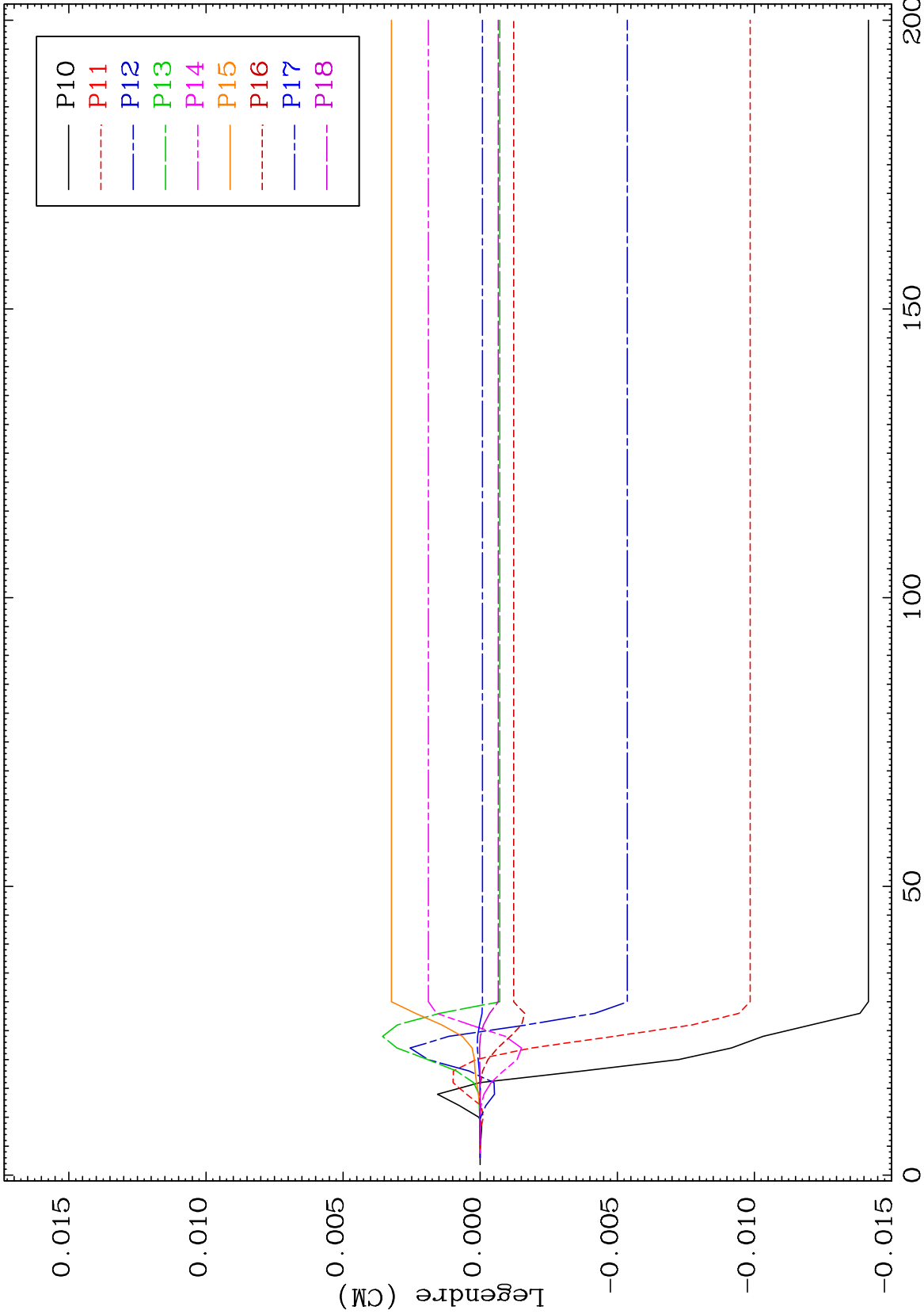
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



89

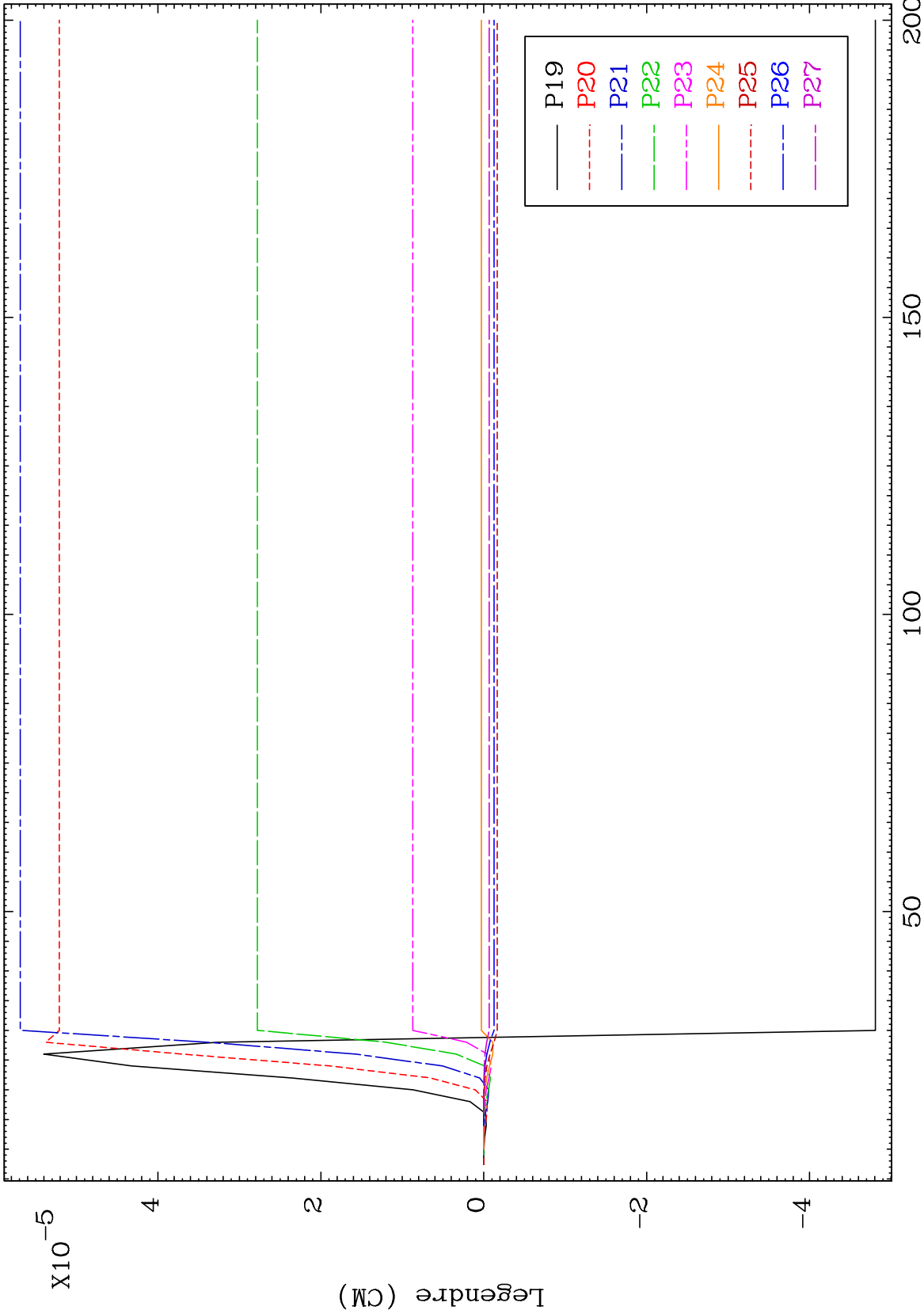
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



90

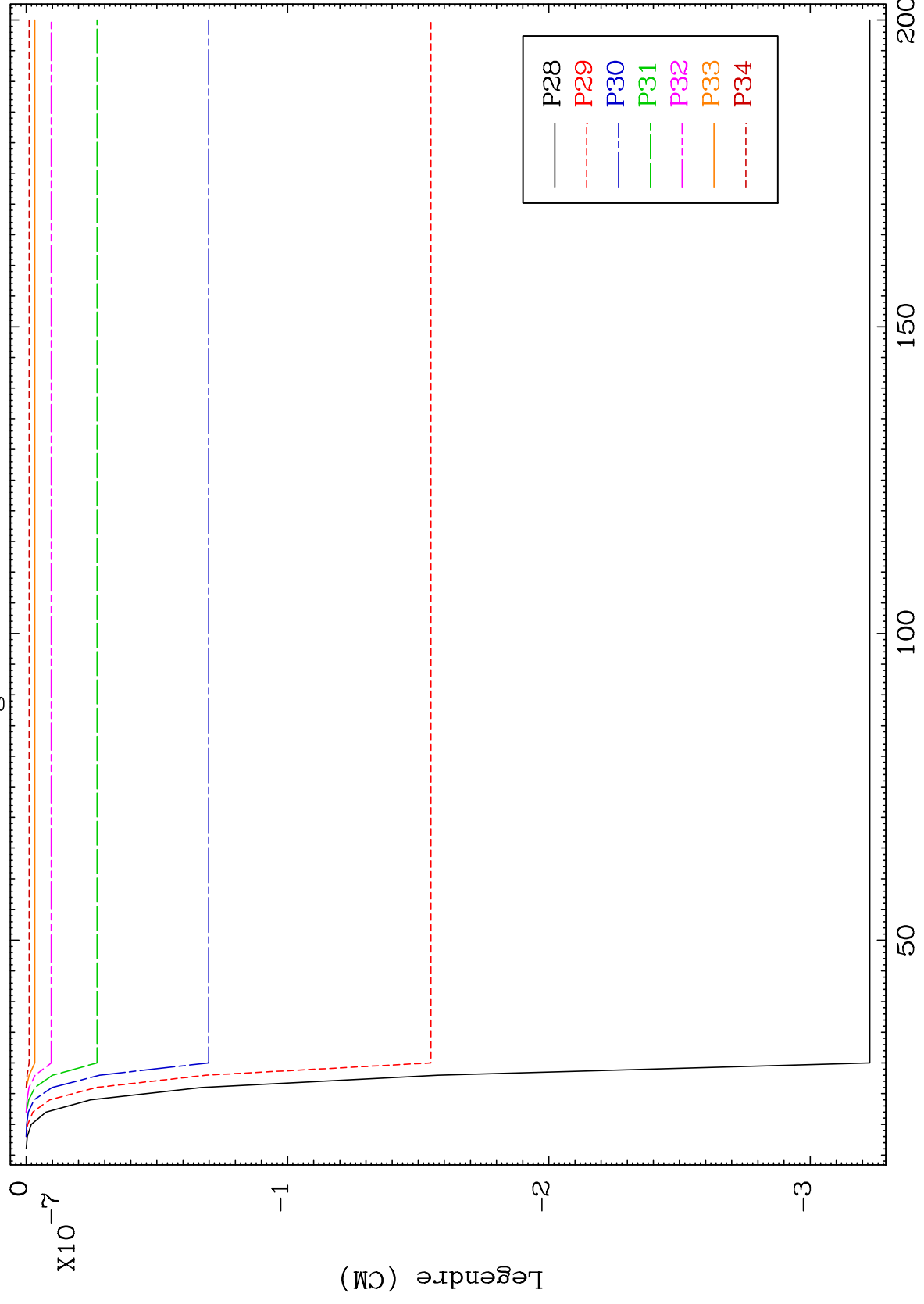
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



66-Dy-153

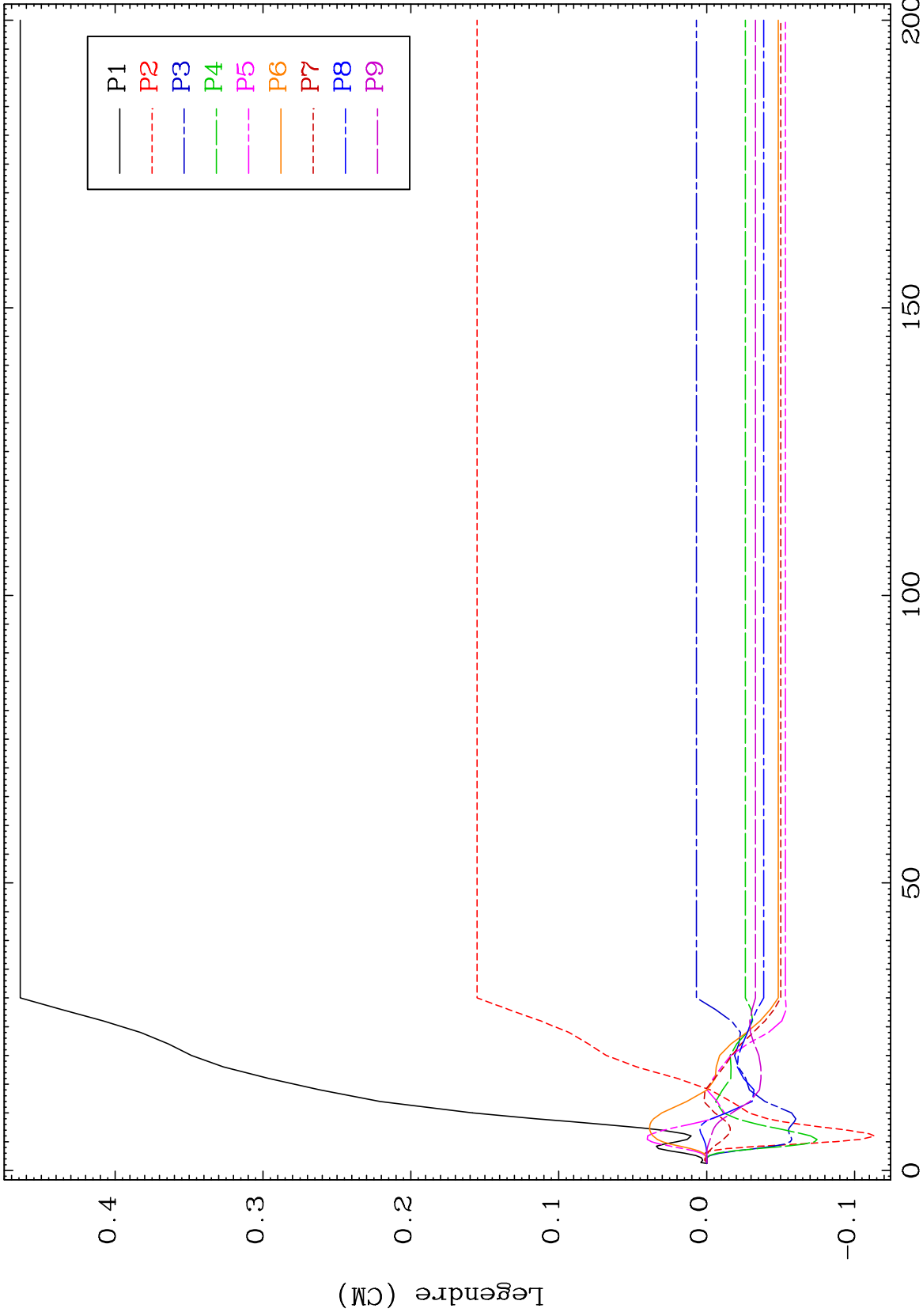
Incident Energy (MeV)

91

MAT 6616

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

66-Dy-153



92

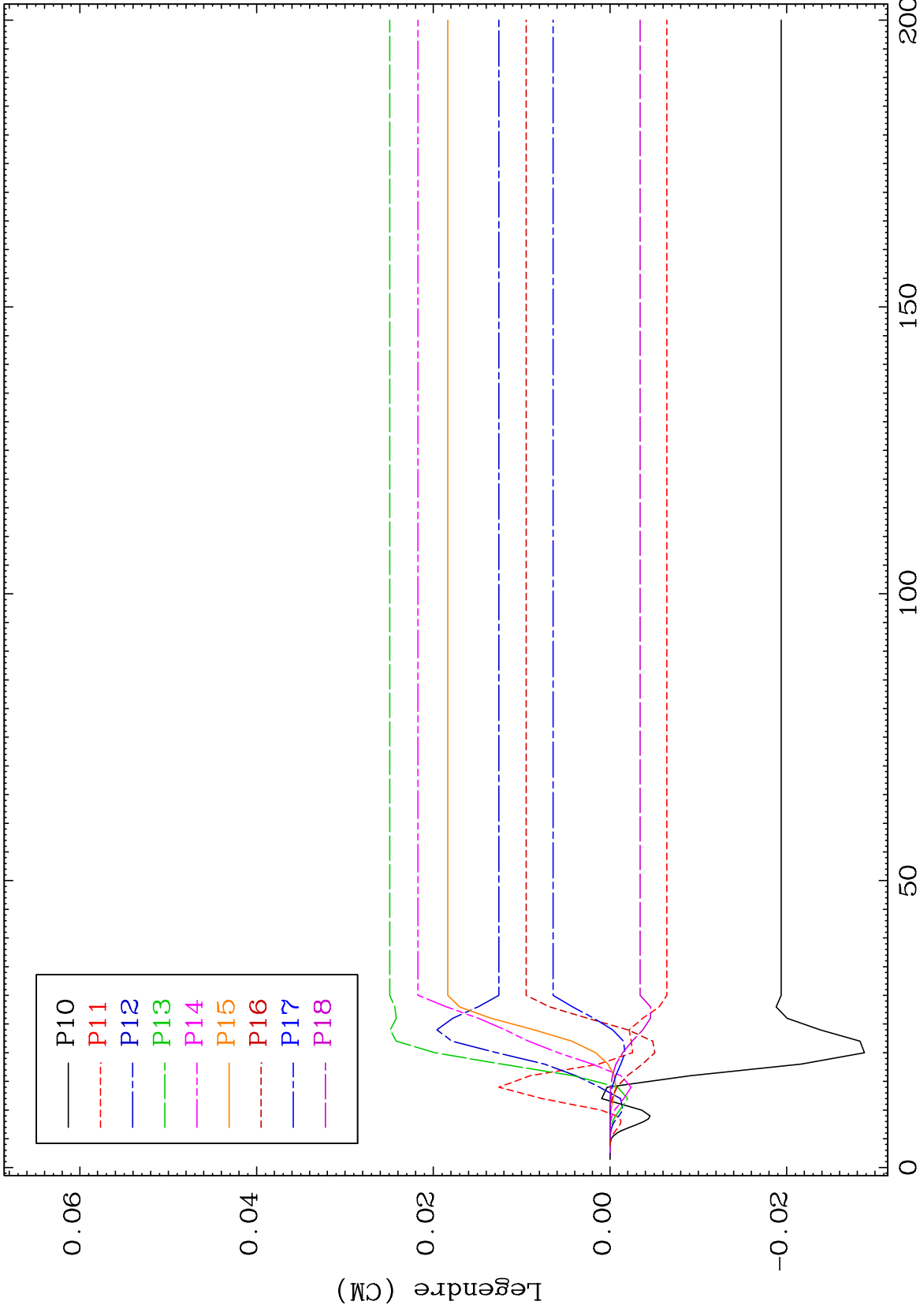
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



93

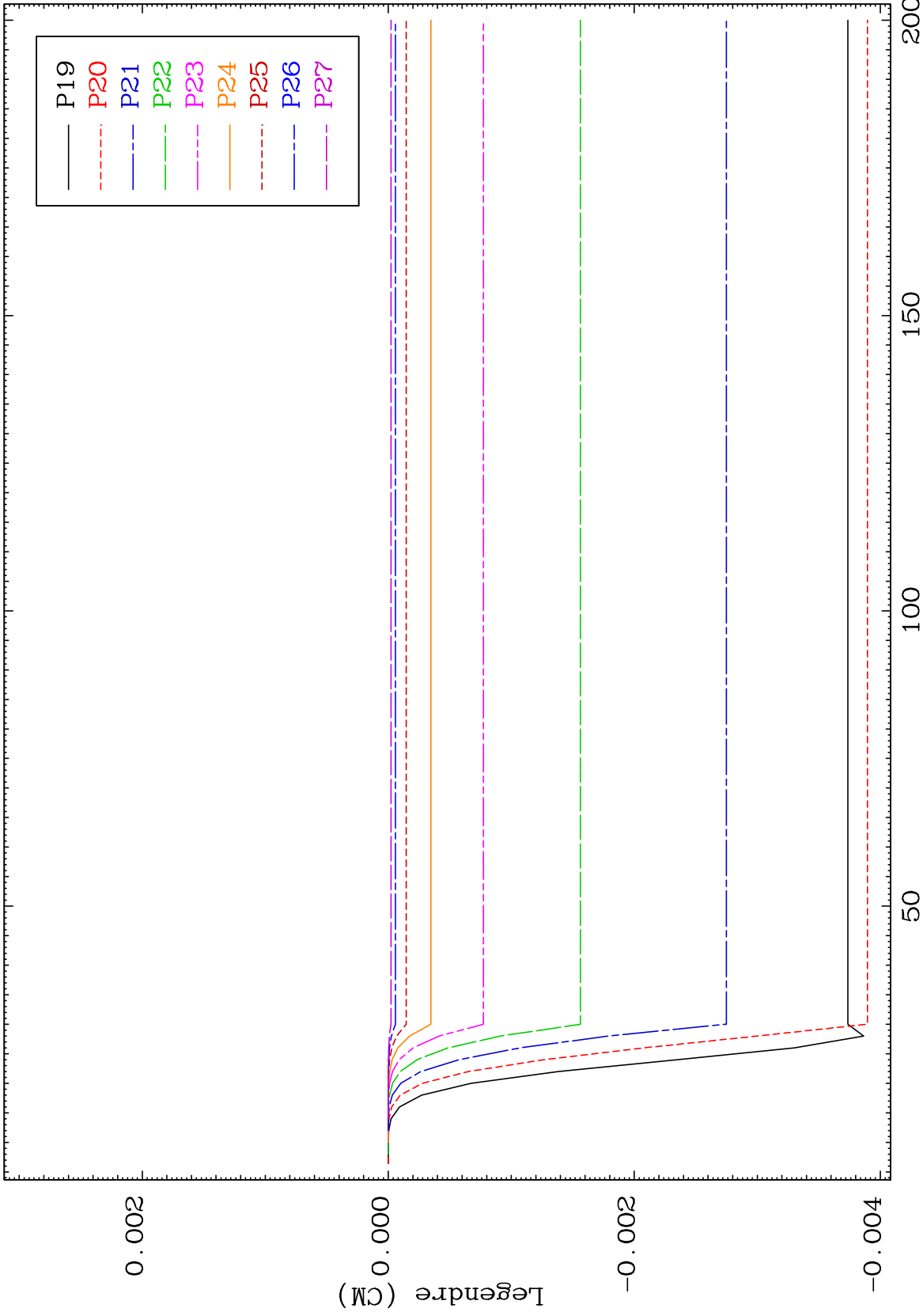
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



94

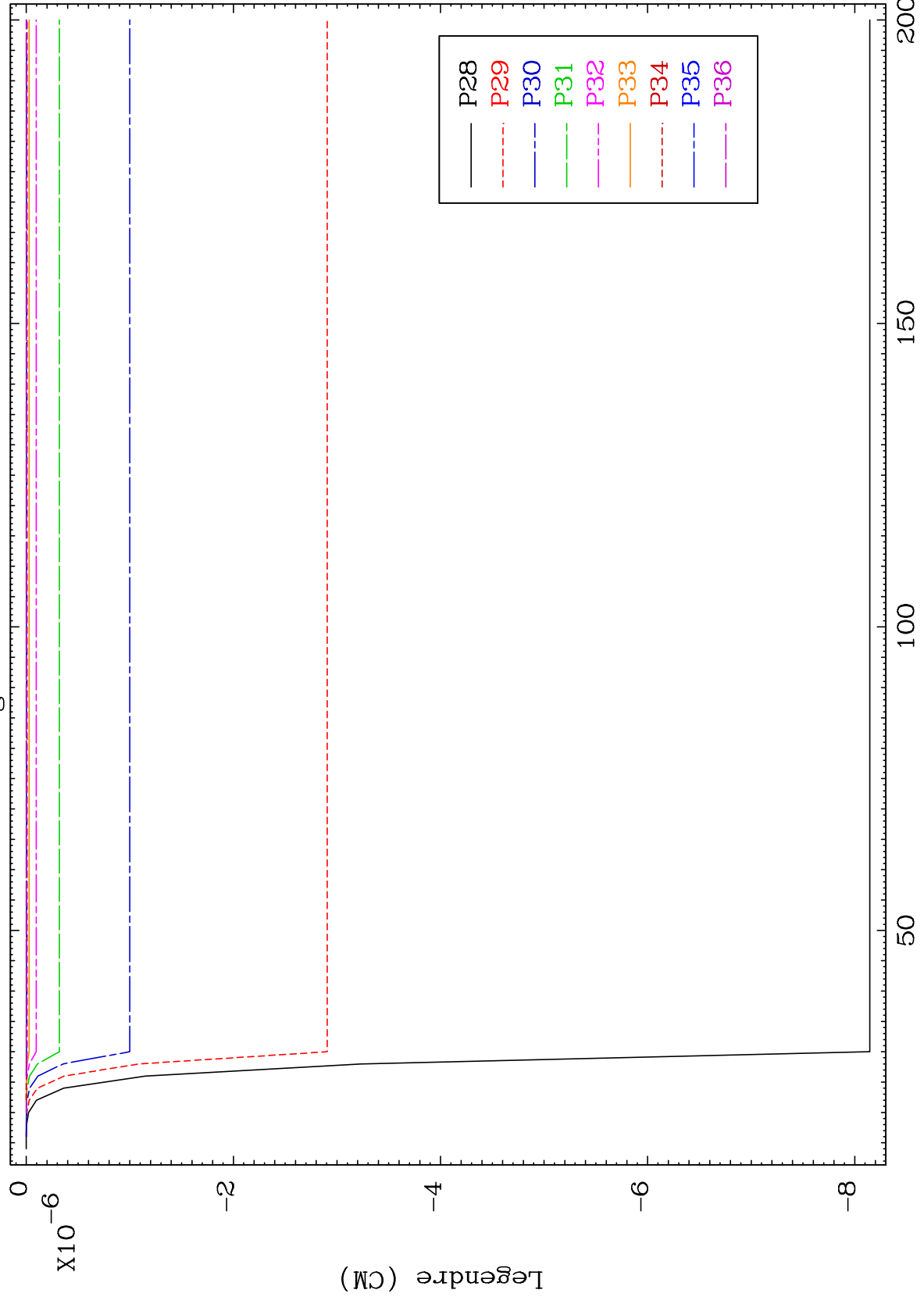
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



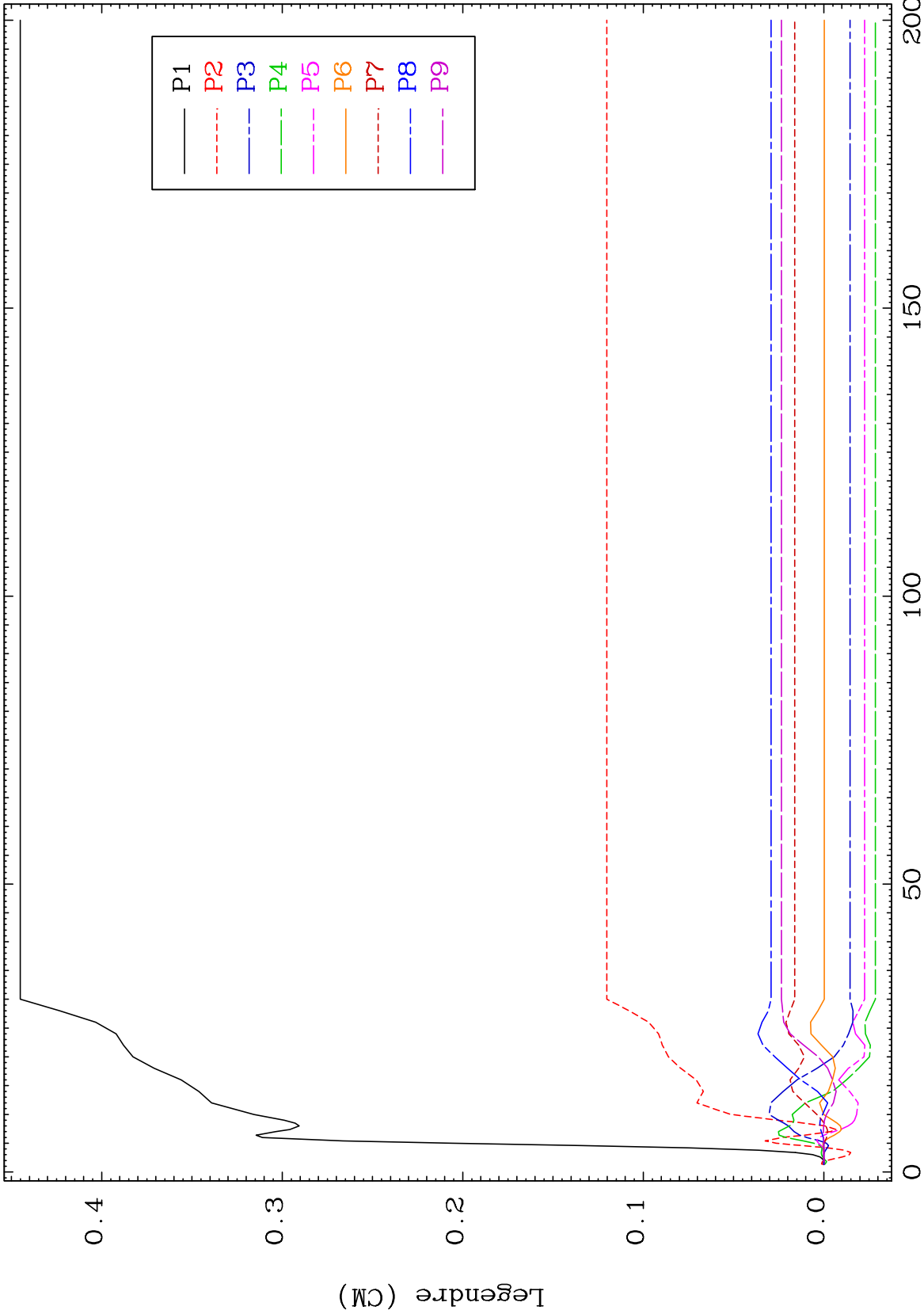
95

66-Dy-153

MAT 6616

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

66-Dy-153



96

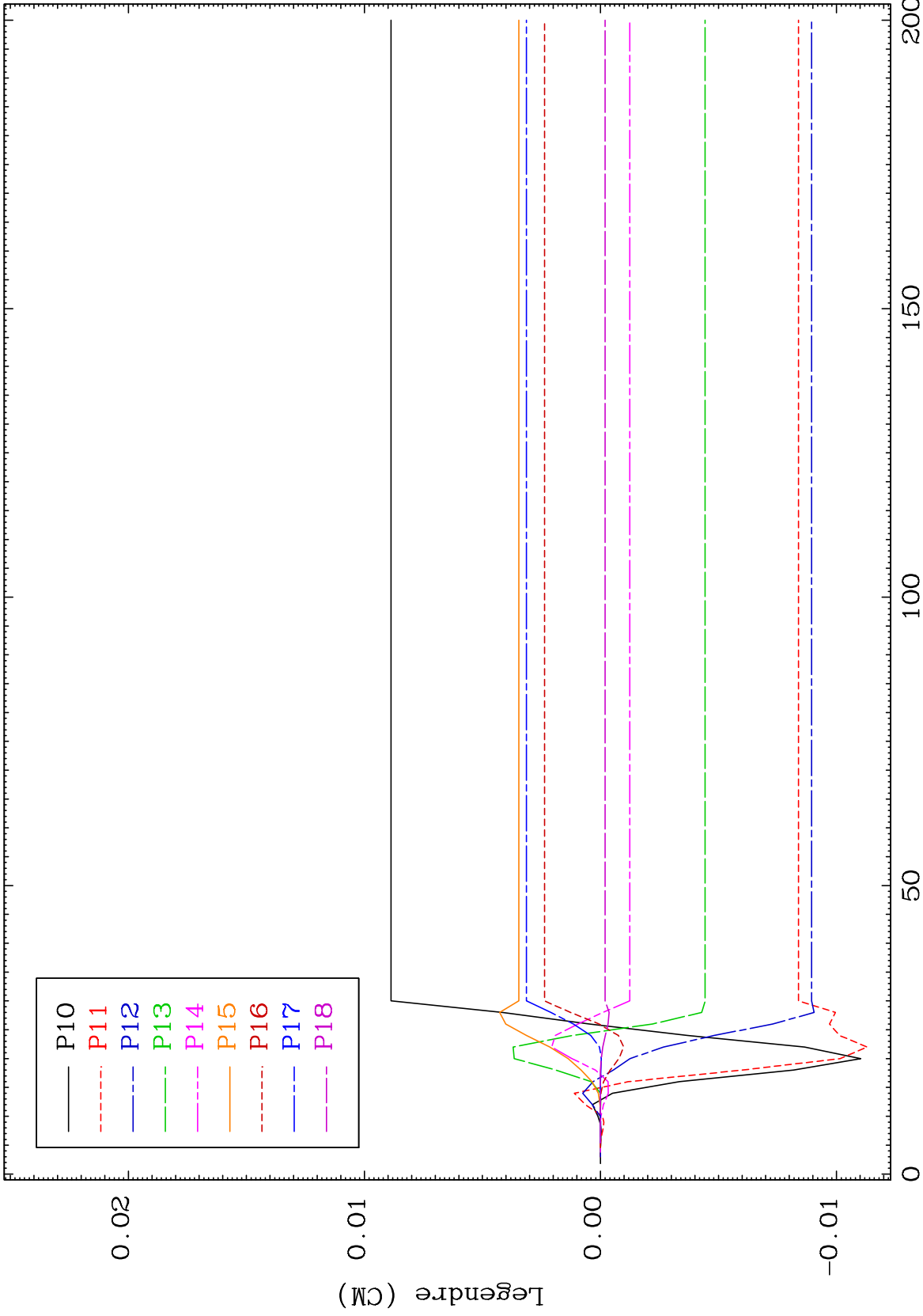
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



97

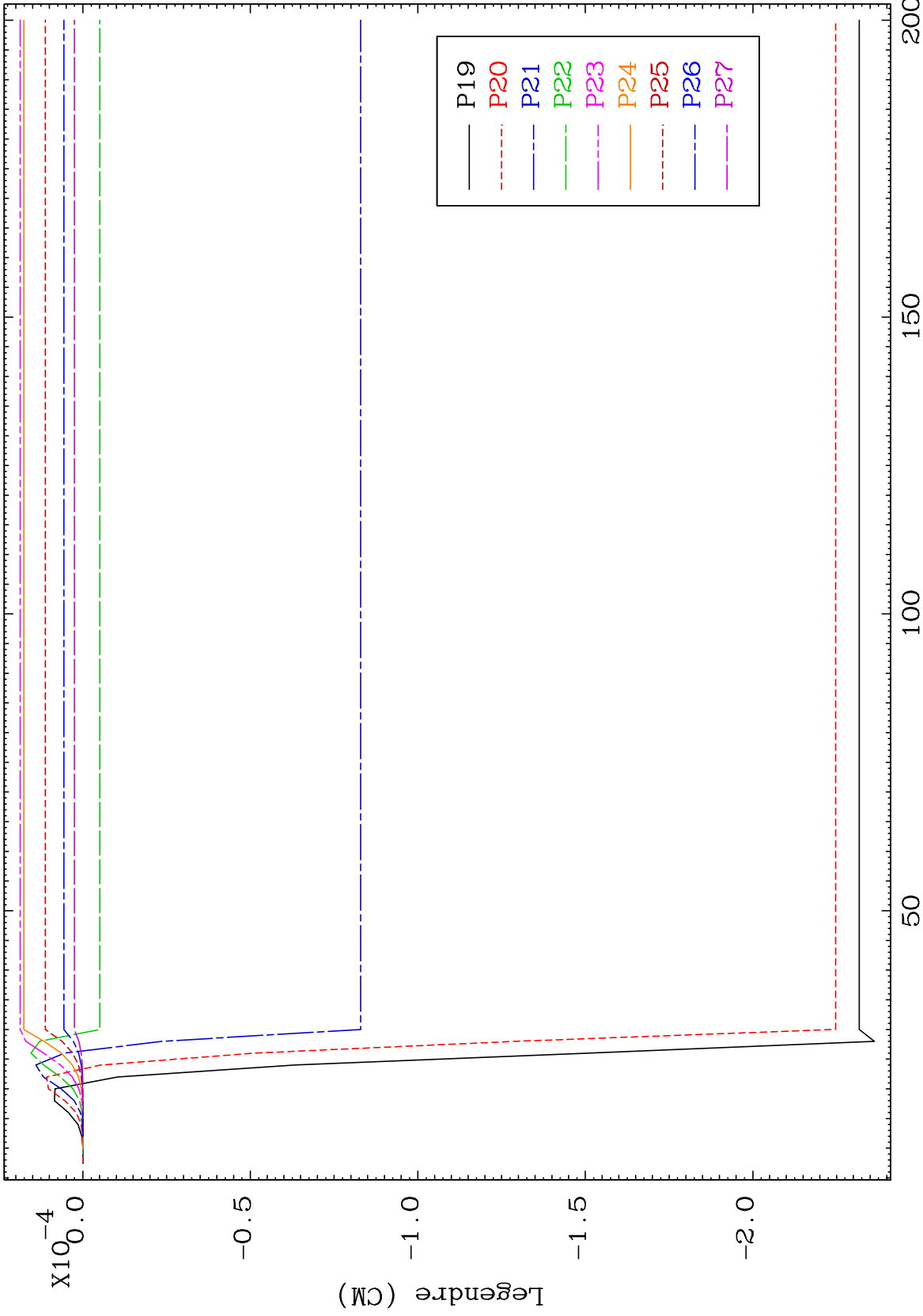
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



98

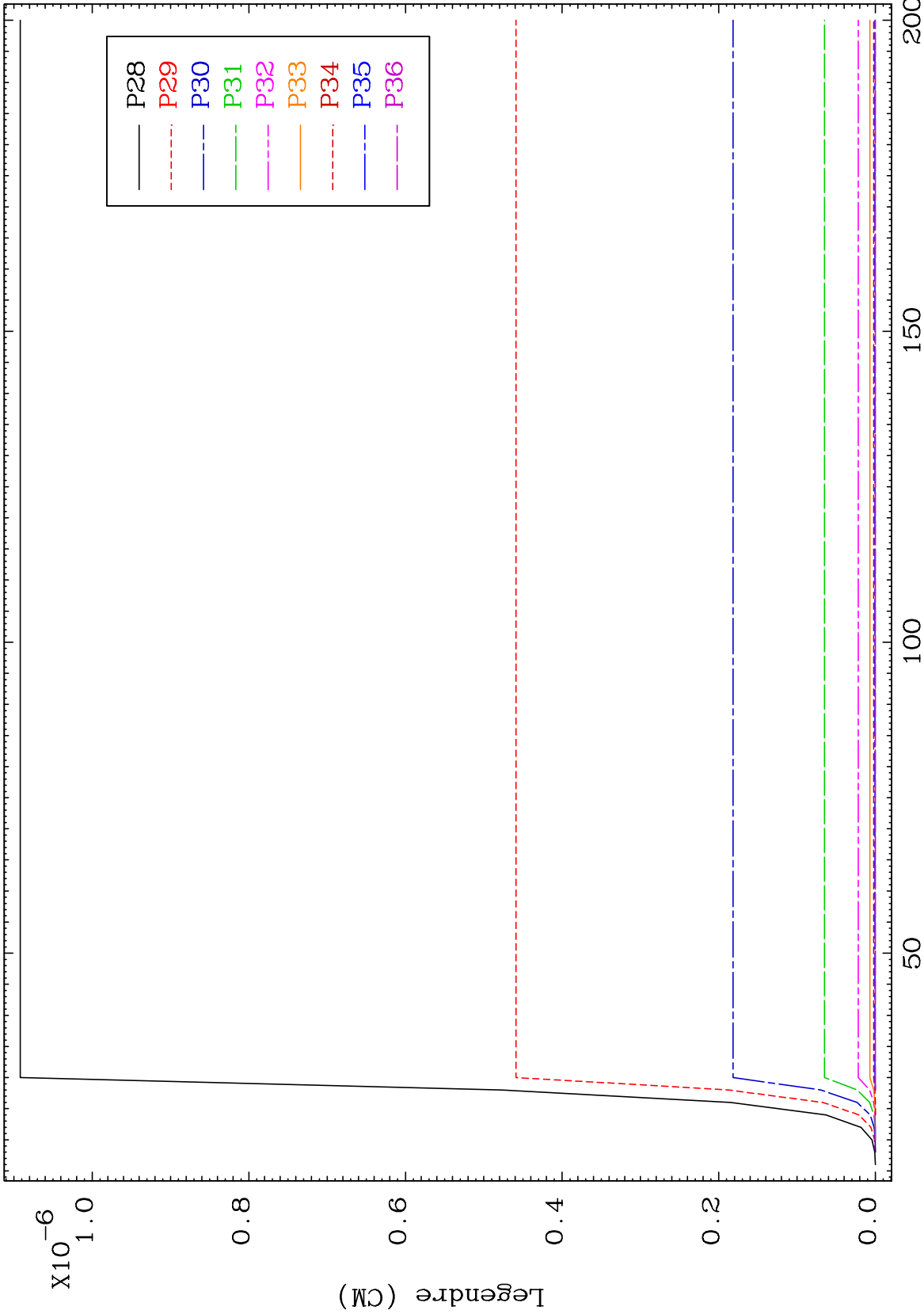
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



99

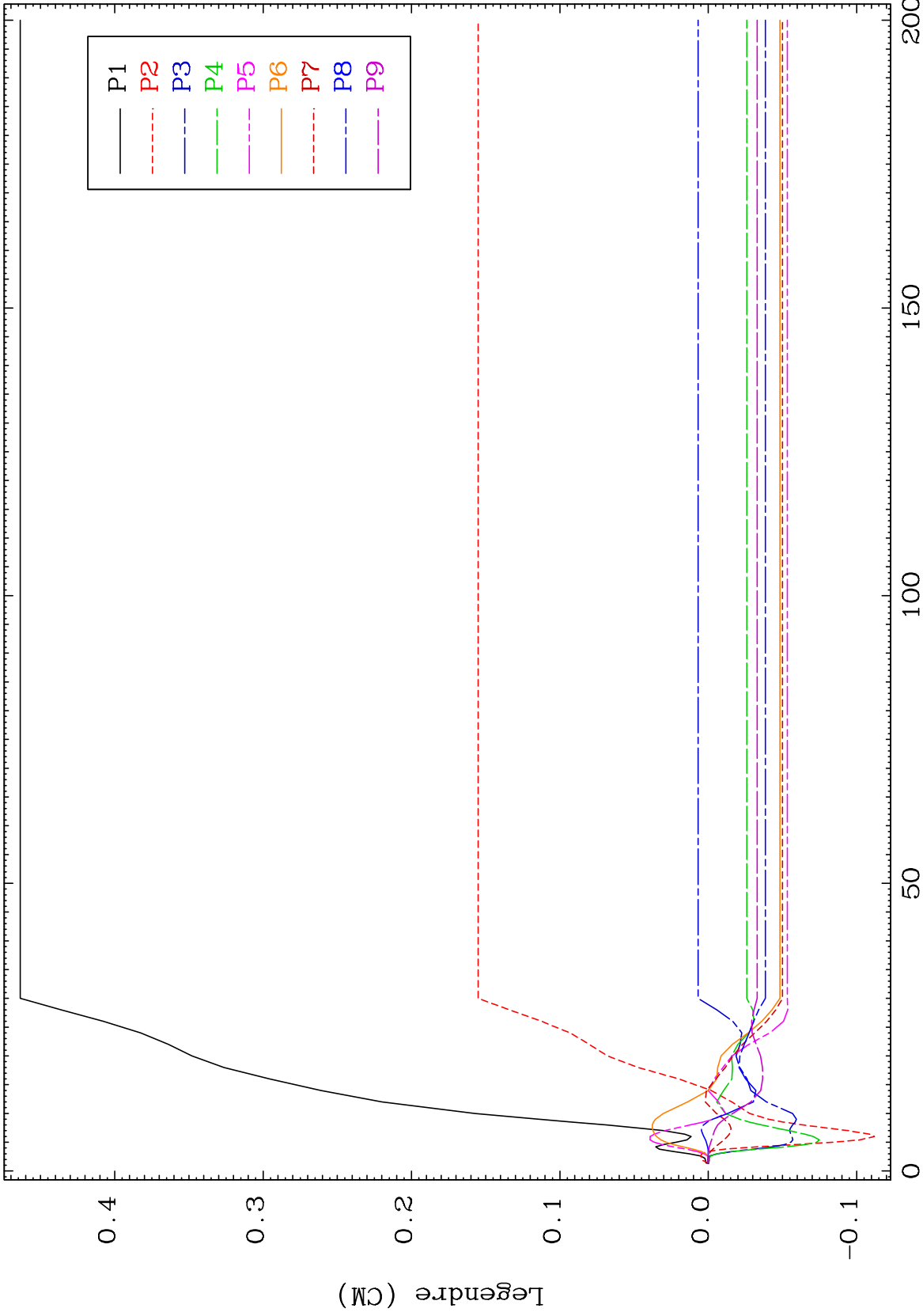
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



66-Dy-153

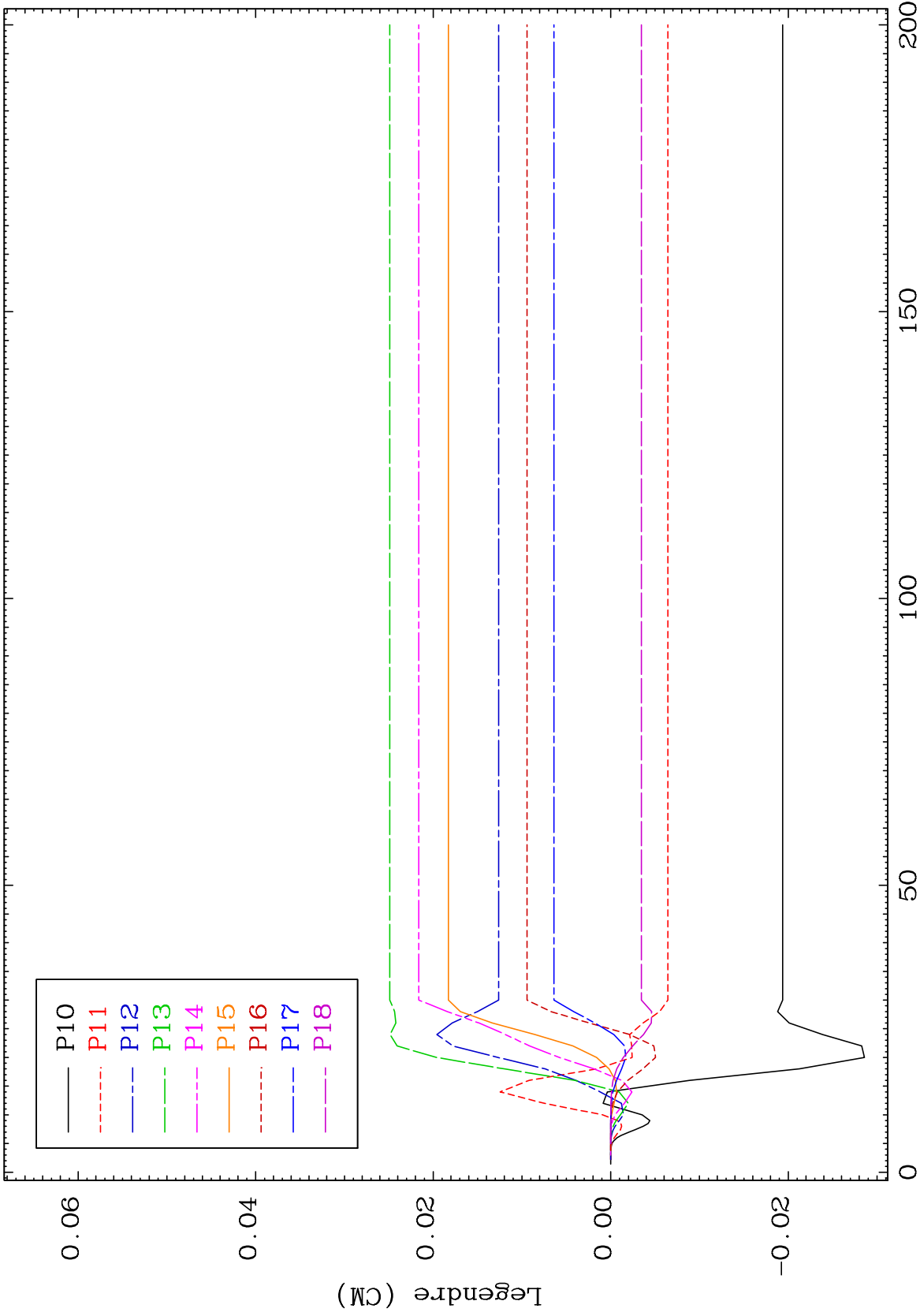
Incident Energy (MeV)

100

MAT 6616

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

66-Dy-153



101

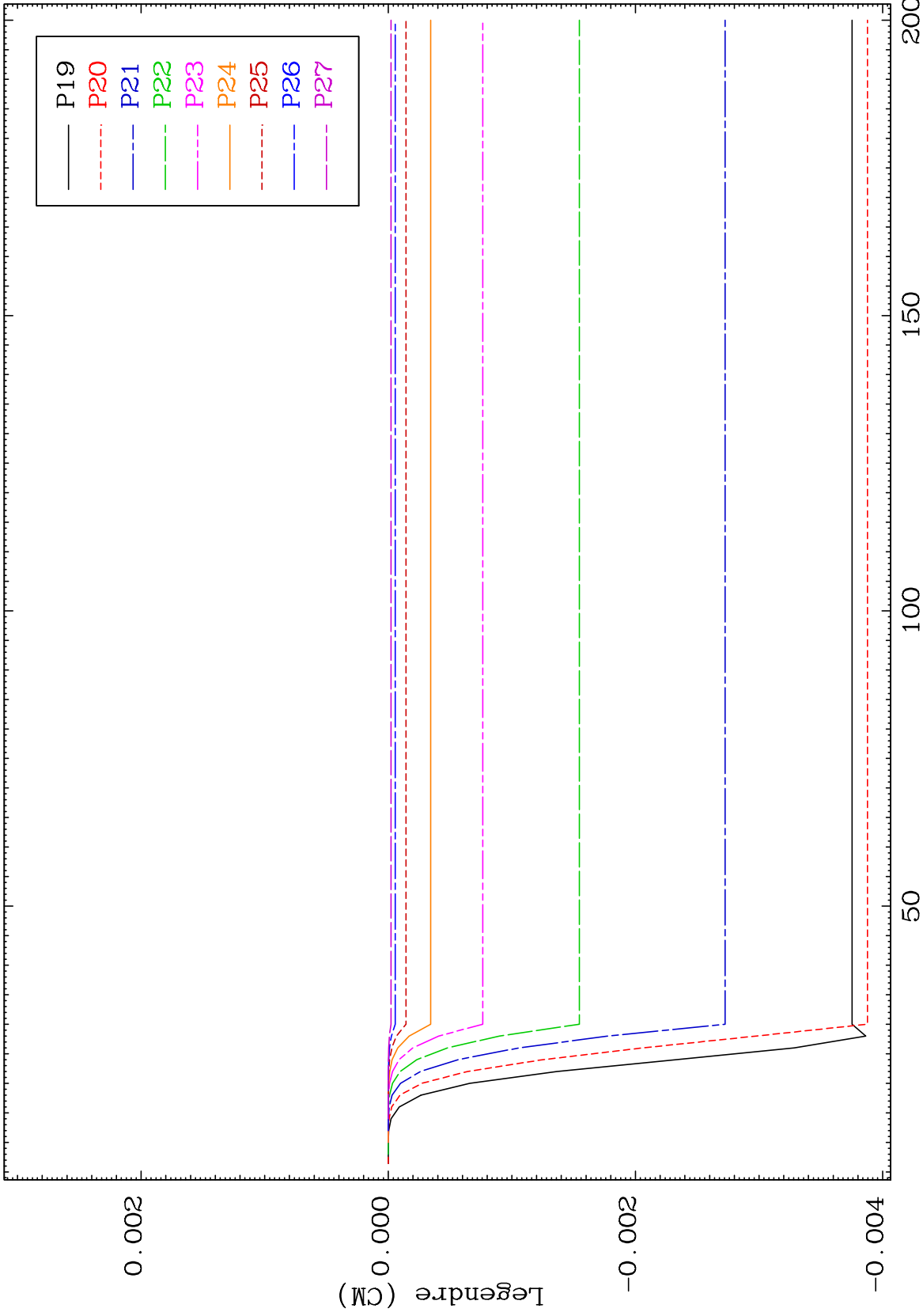
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



102

Incident Energy (MeV)

66-Dy-153

MAT 6616

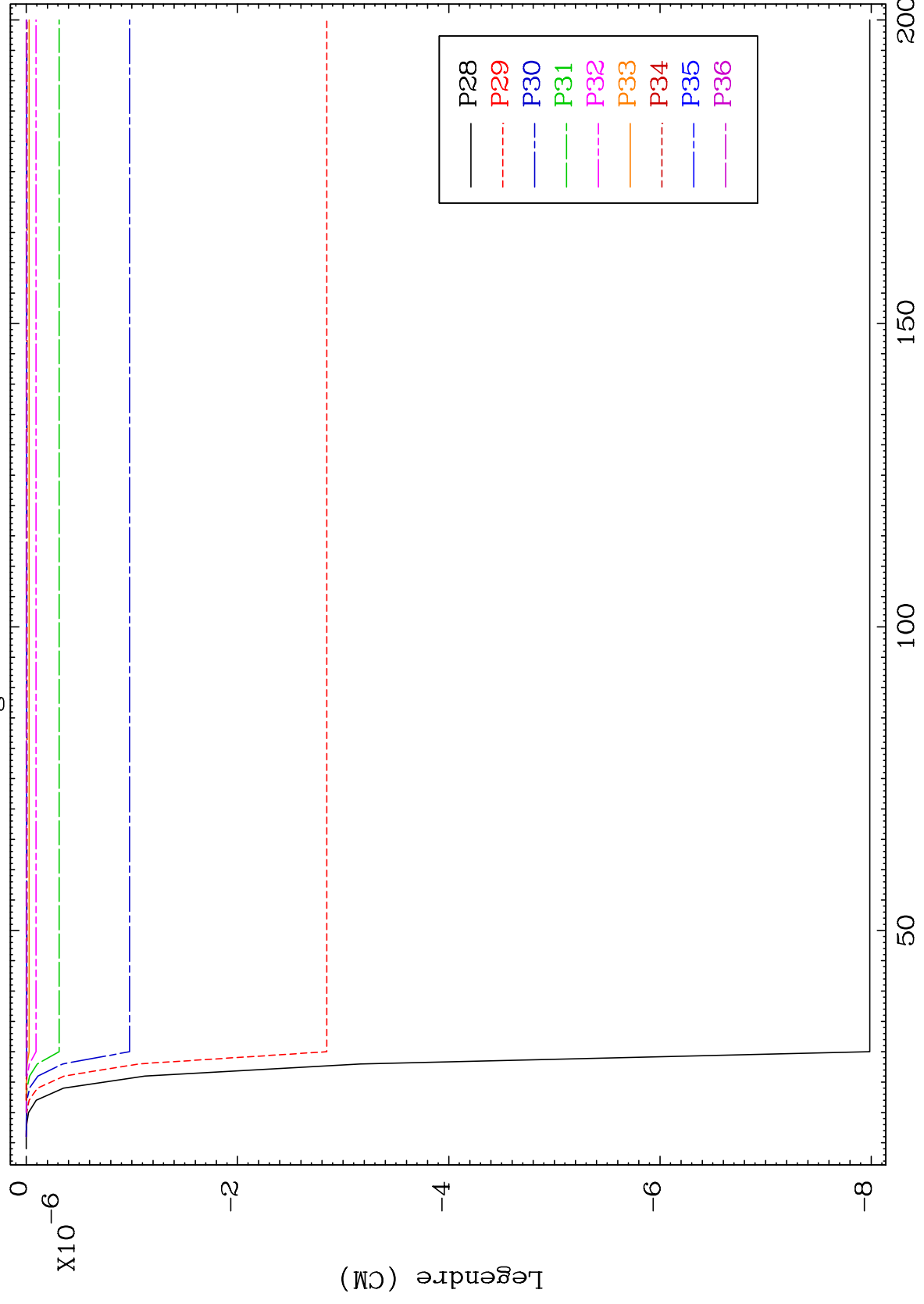
MT= 71 (n,n') Level
Legendre Coefficients

66-Dy-153

66-Dy-153

Incident Energy (MeV)

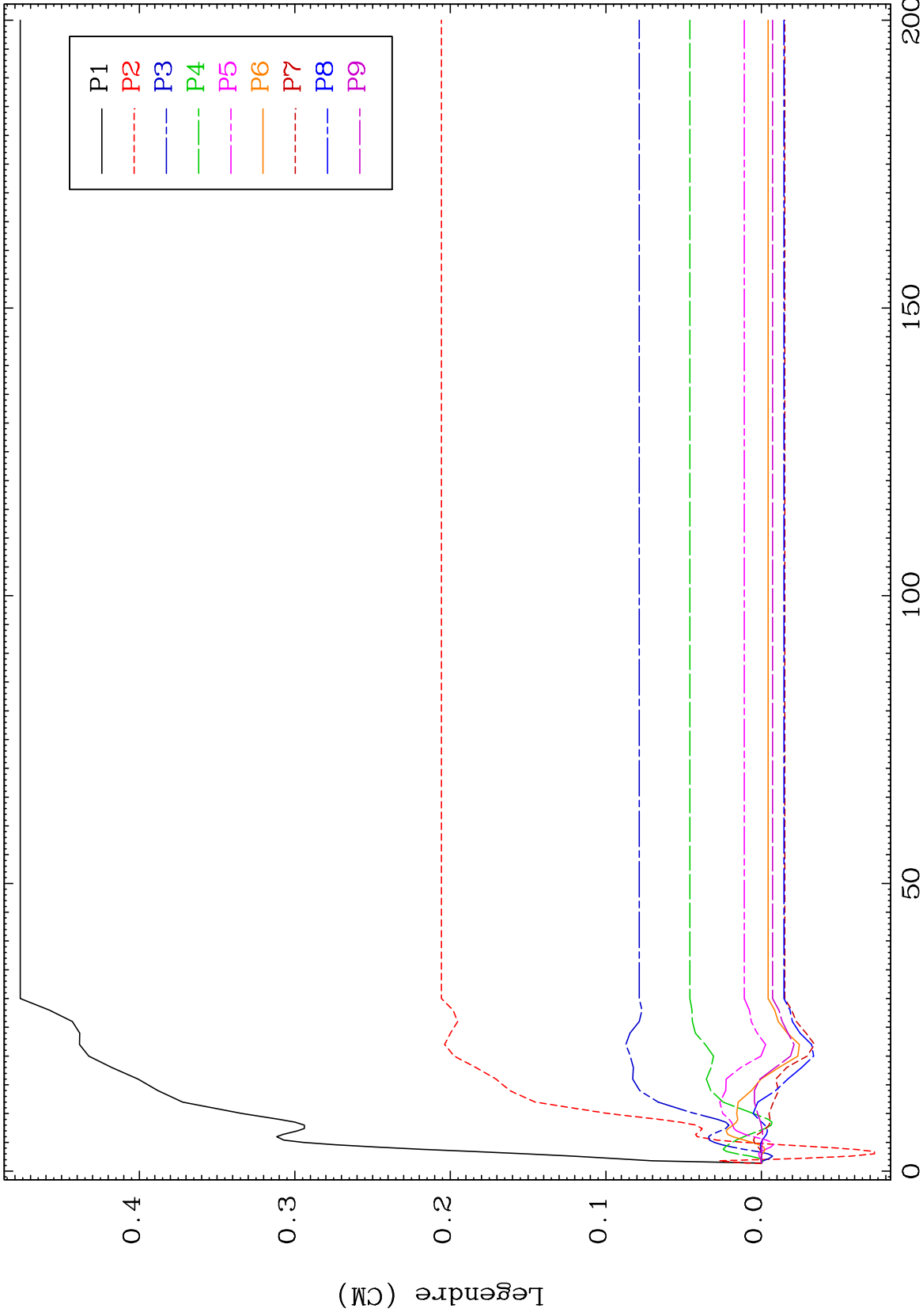
103



MAT 6616

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

66-Dy-153

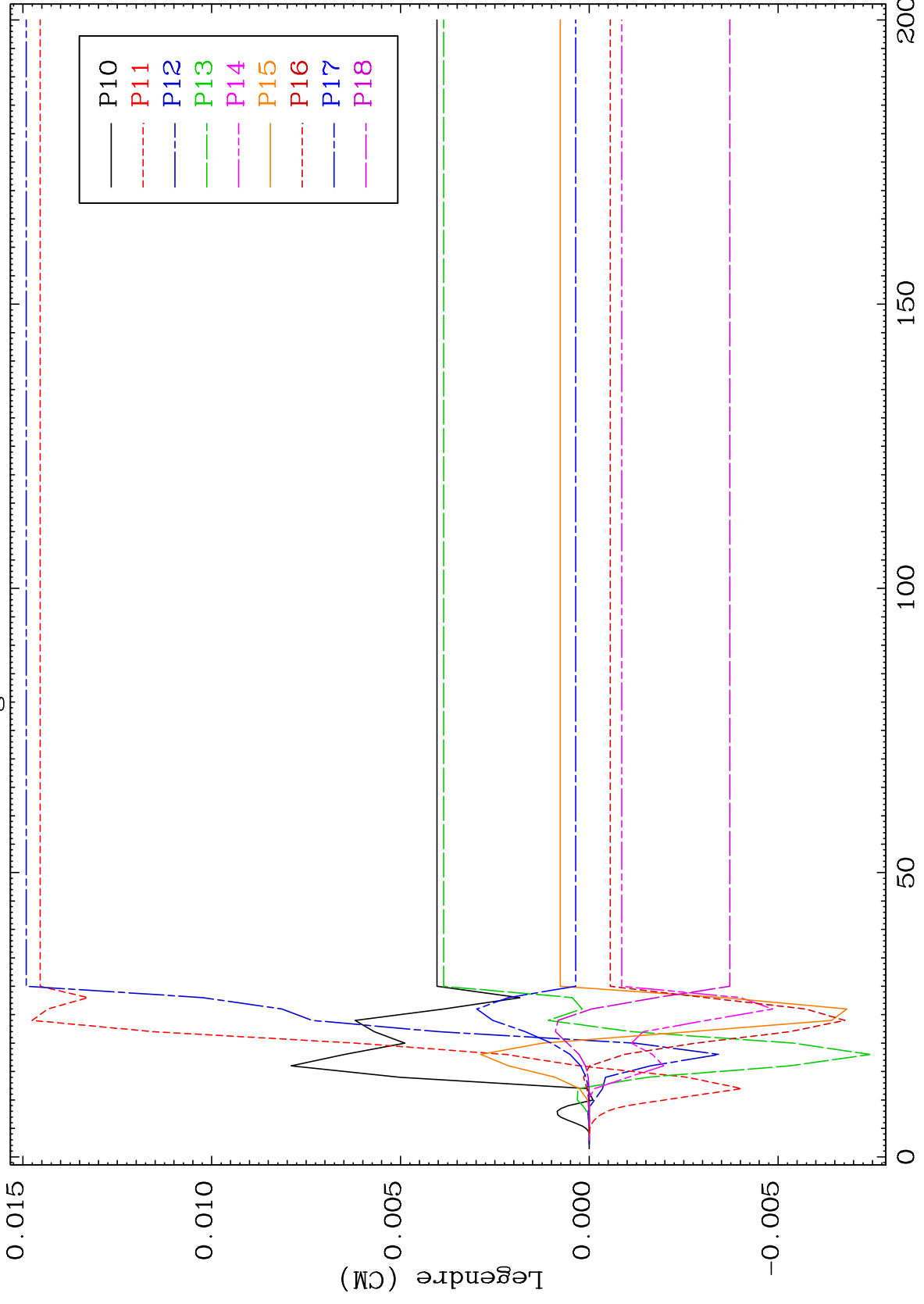


104

Incident Energy (MeV)

66-Dy-153

MAT 6616 MT= 72 (n,n') Level Legendre Coefficients 66-Dy-153

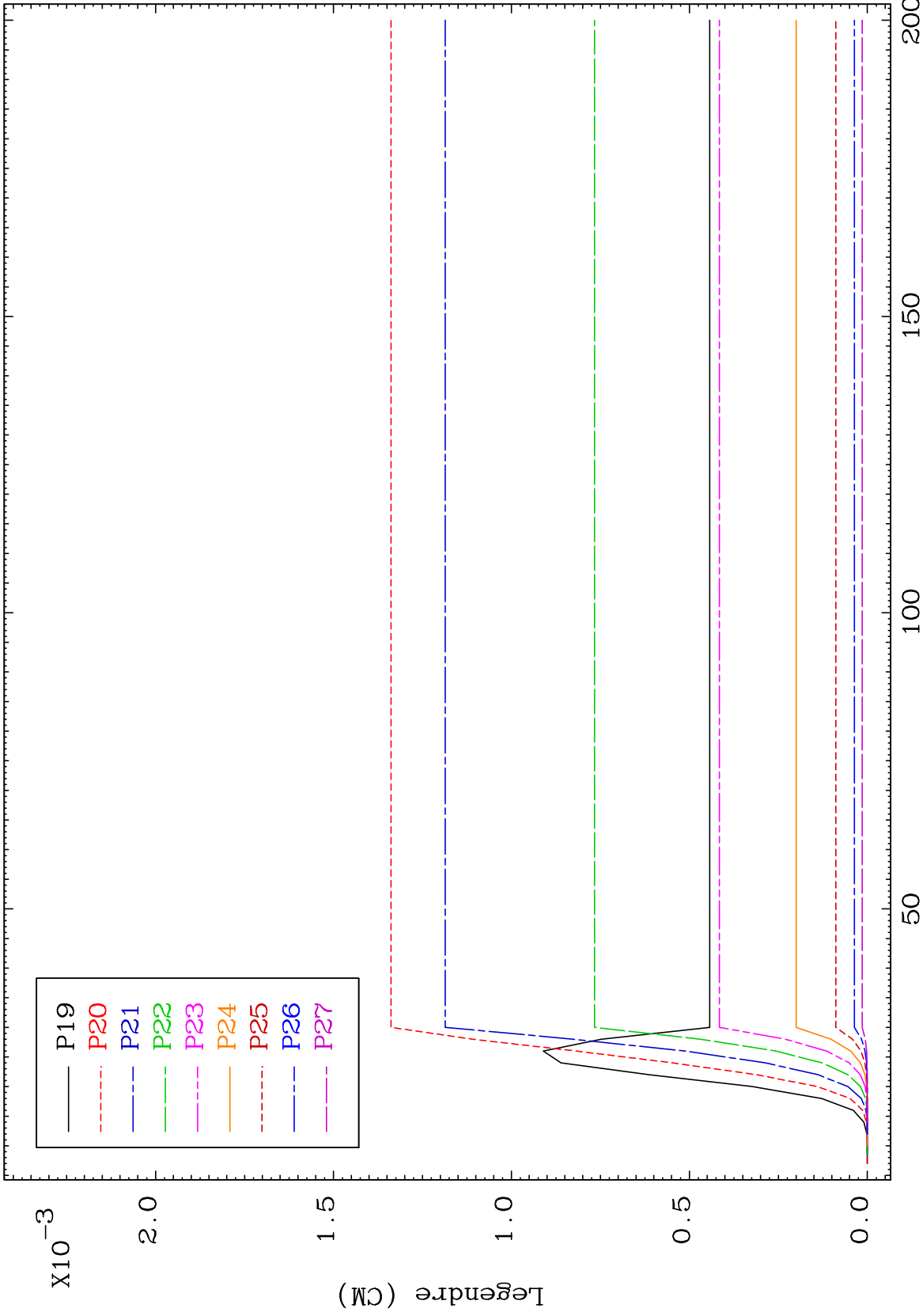


105 Incident Energy (MeV) 66-Dy-153

MAT 6616

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

66-Dy-153



106

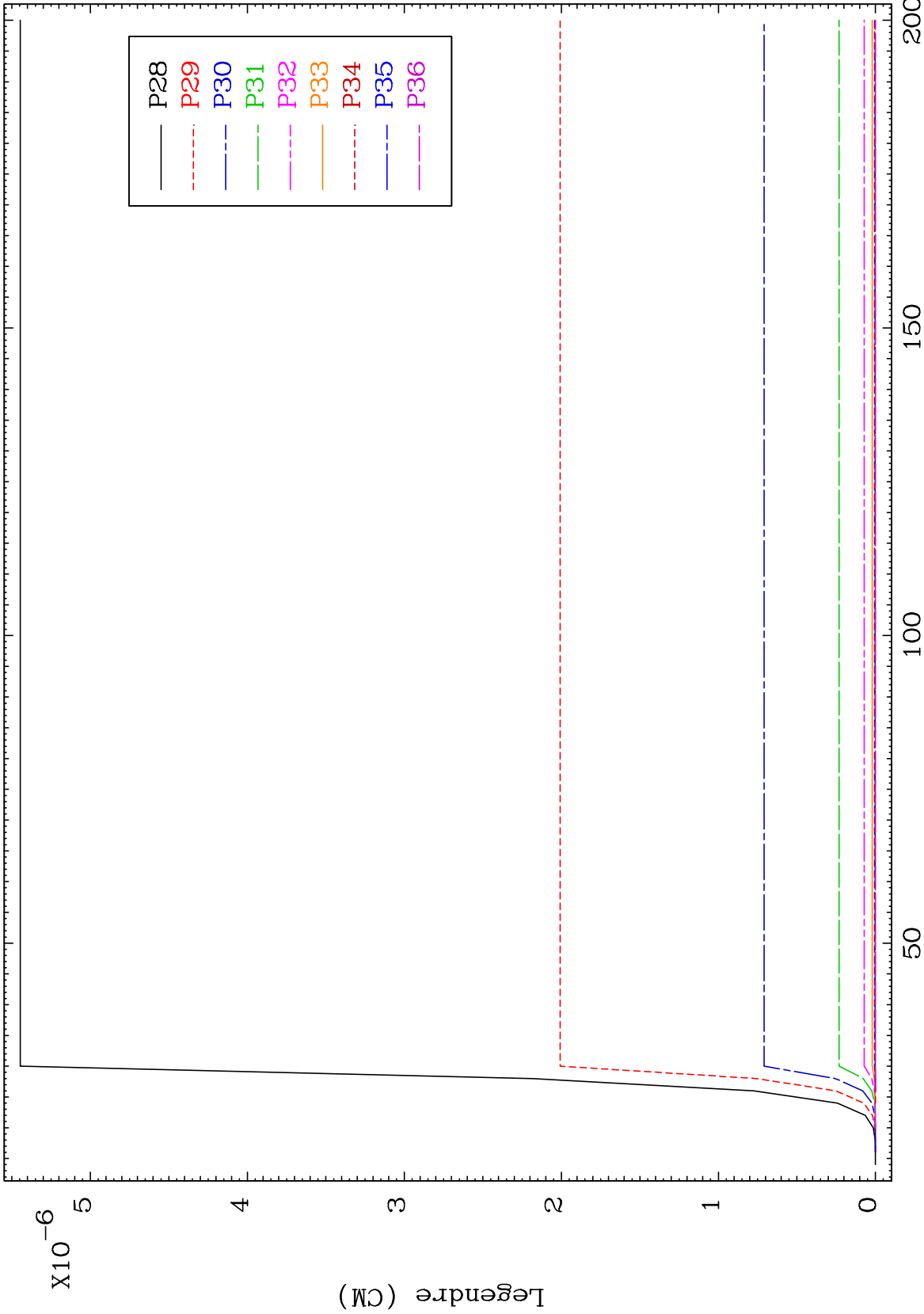
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



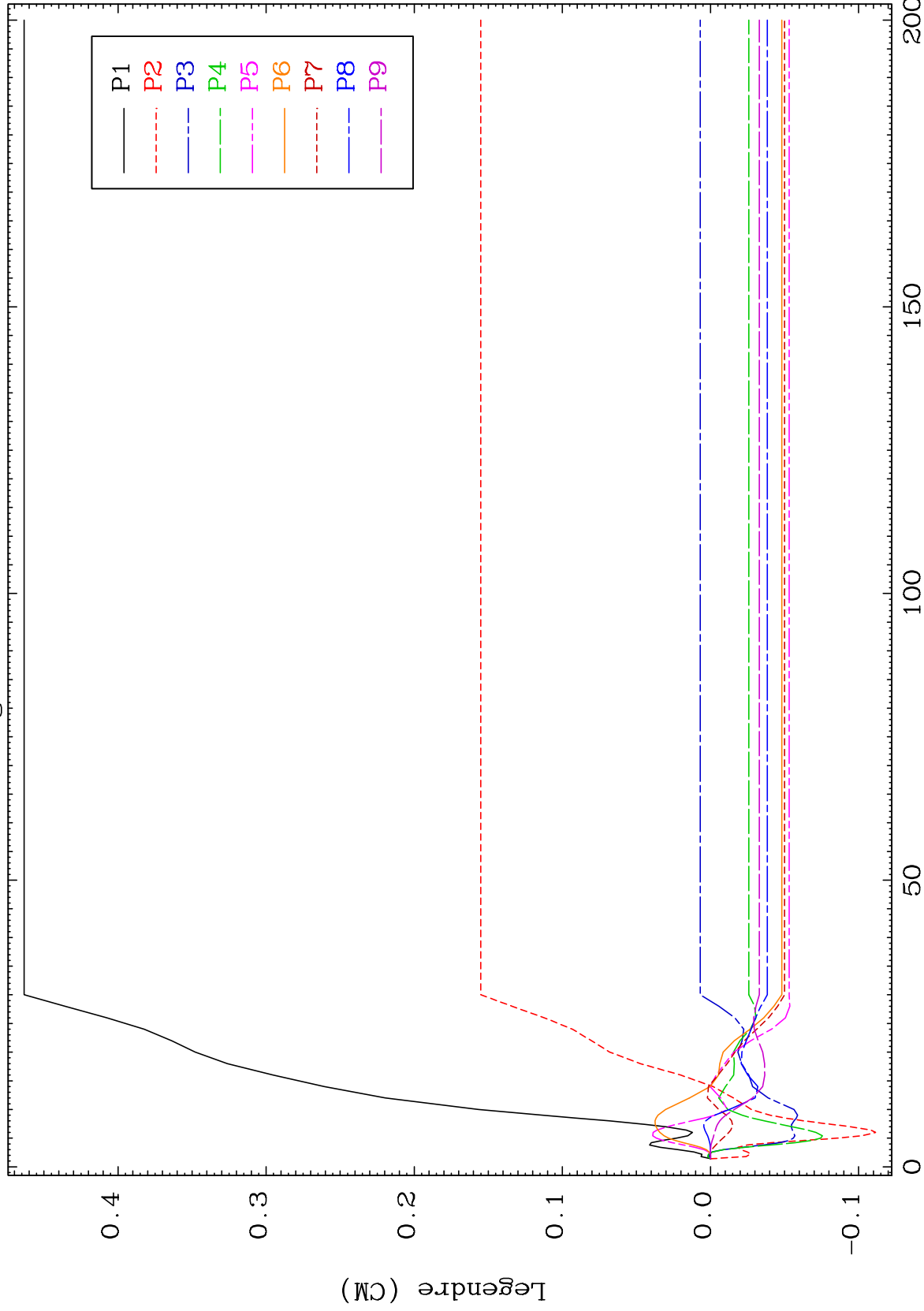
107

66-Dy-153

MAT 6616

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

66-Dy-153



108

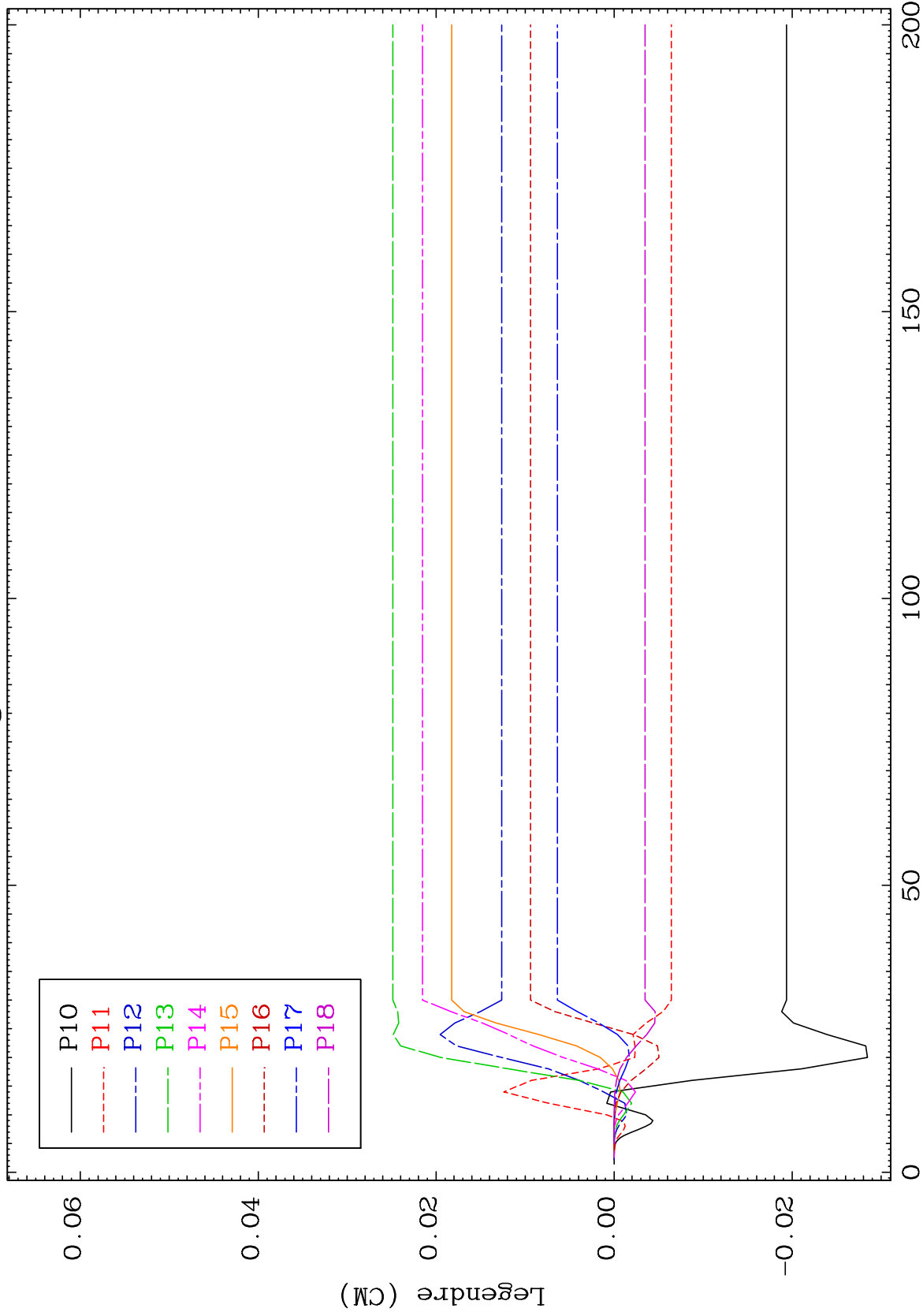
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



109

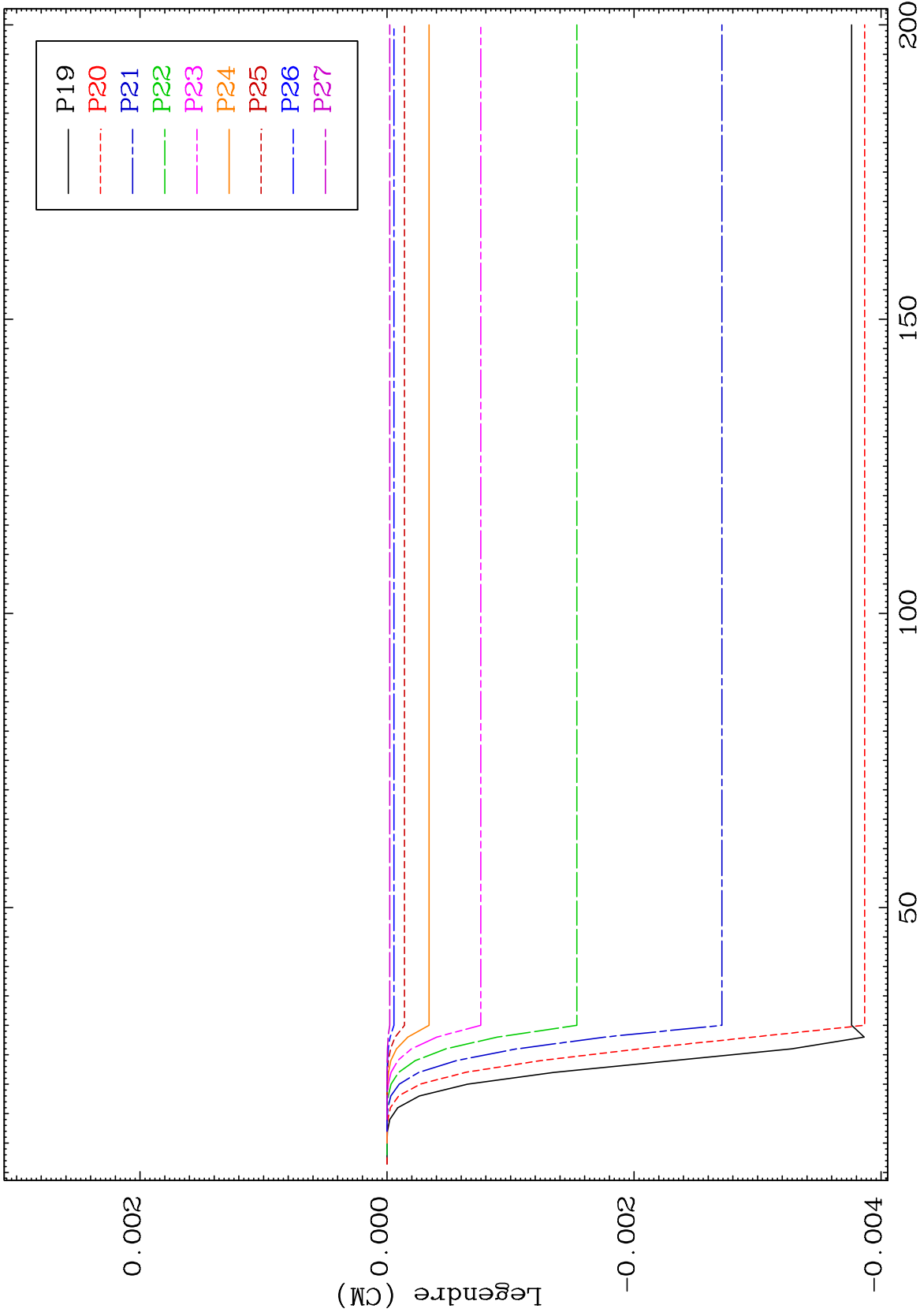
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



110

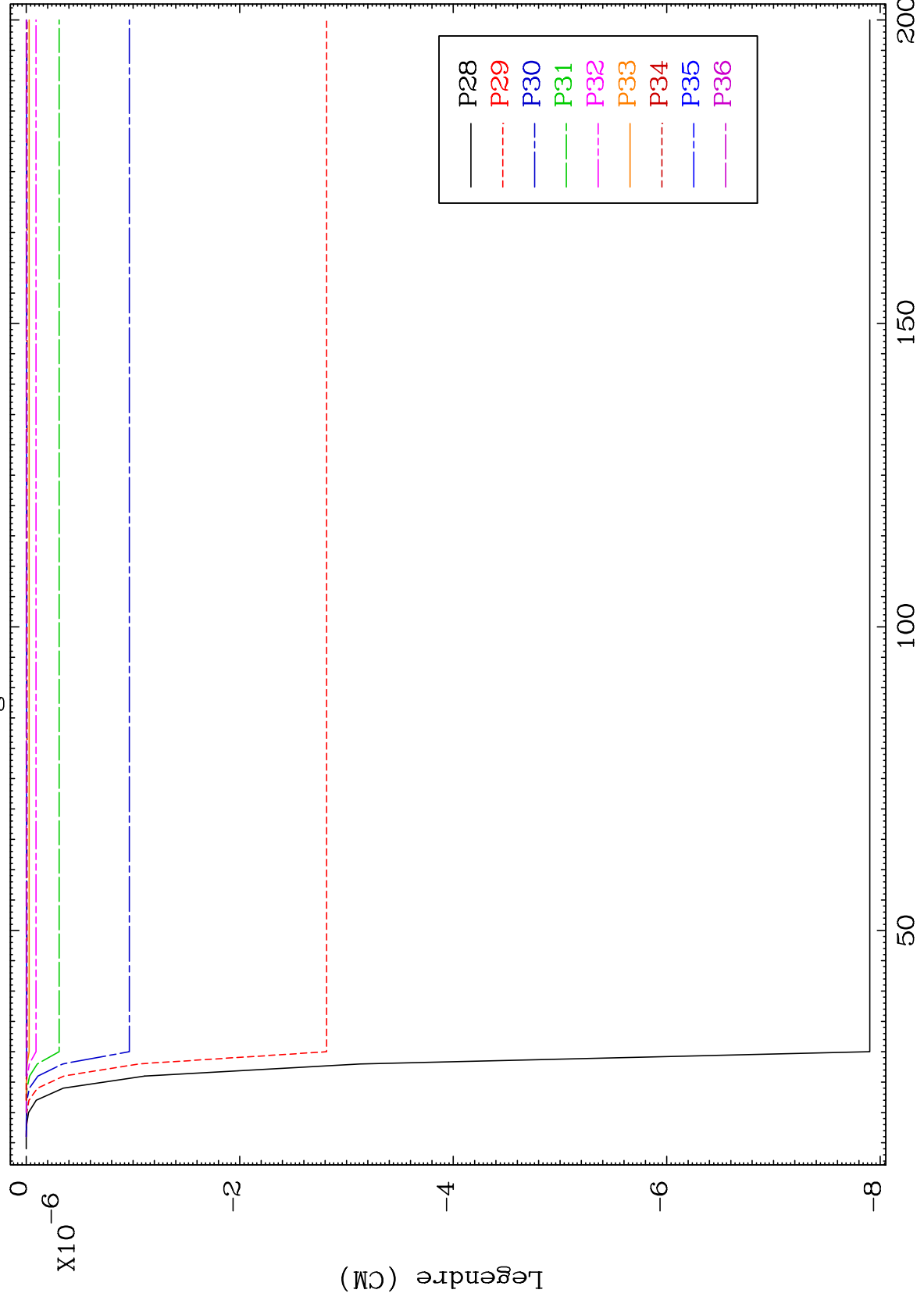
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



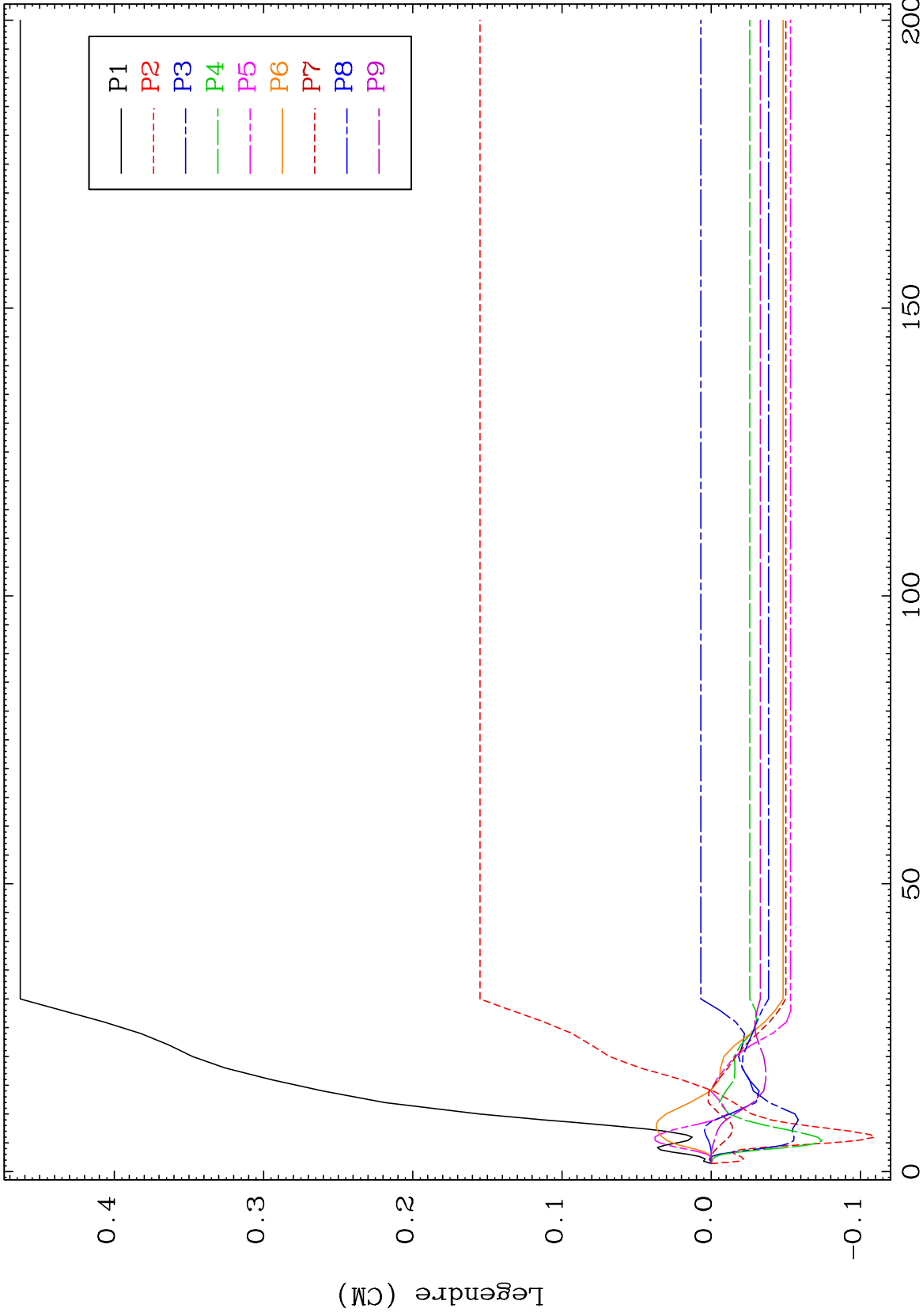
66-Dy-153

111

MAT 6616

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

66-Dy-153



112

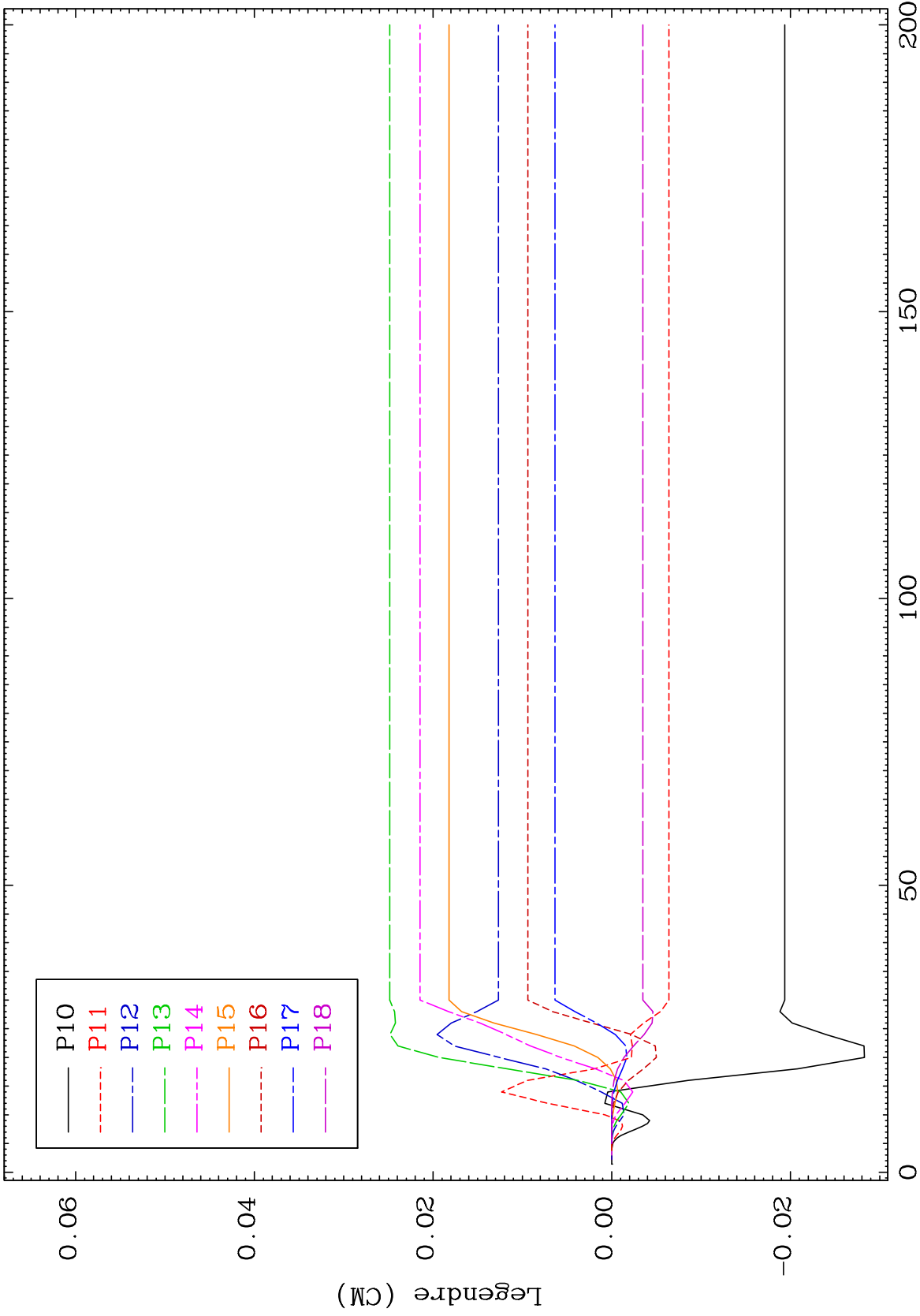
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



113

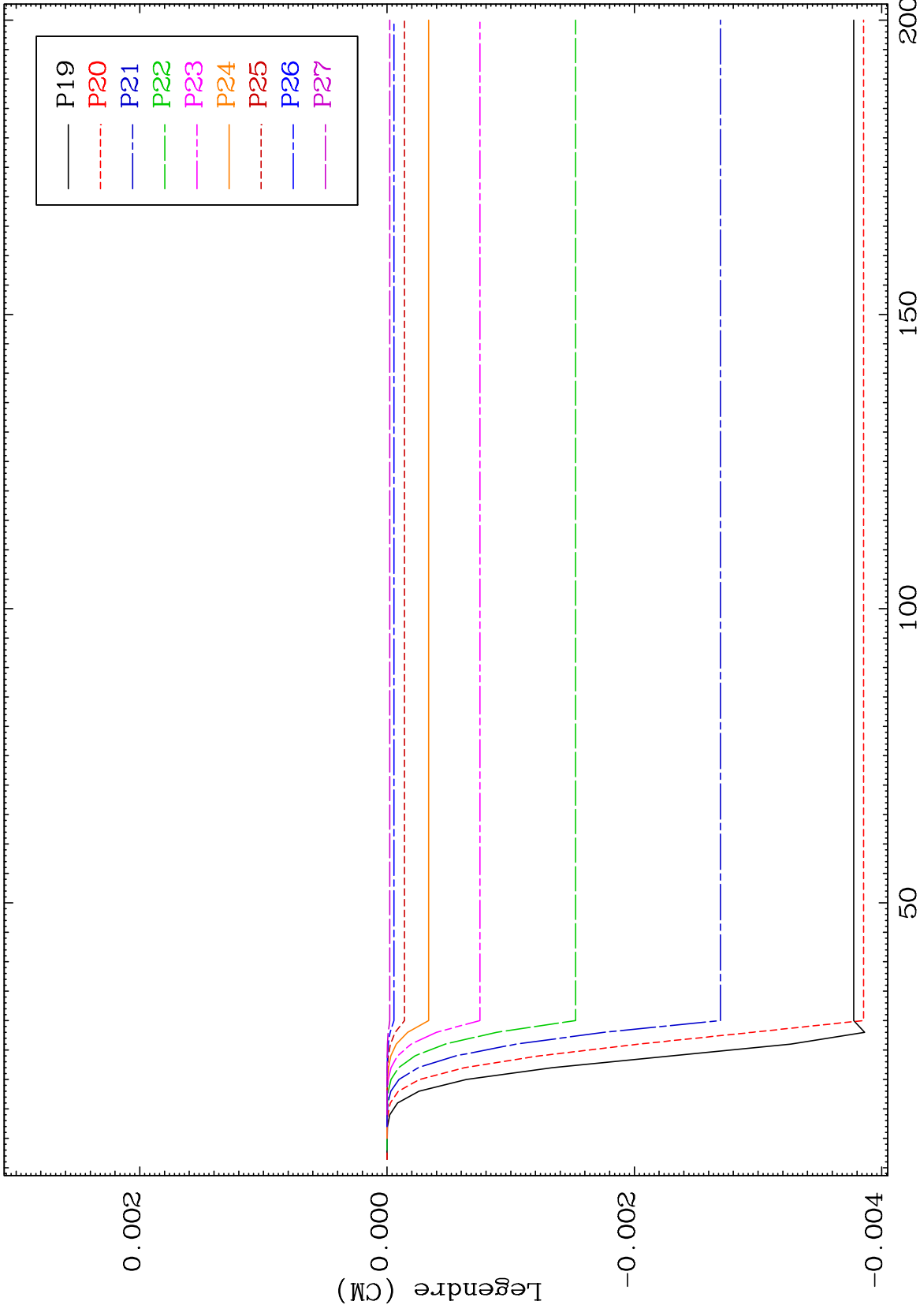
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



114

Incident Energy (MeV)

66-Dy-153

MAT 6616

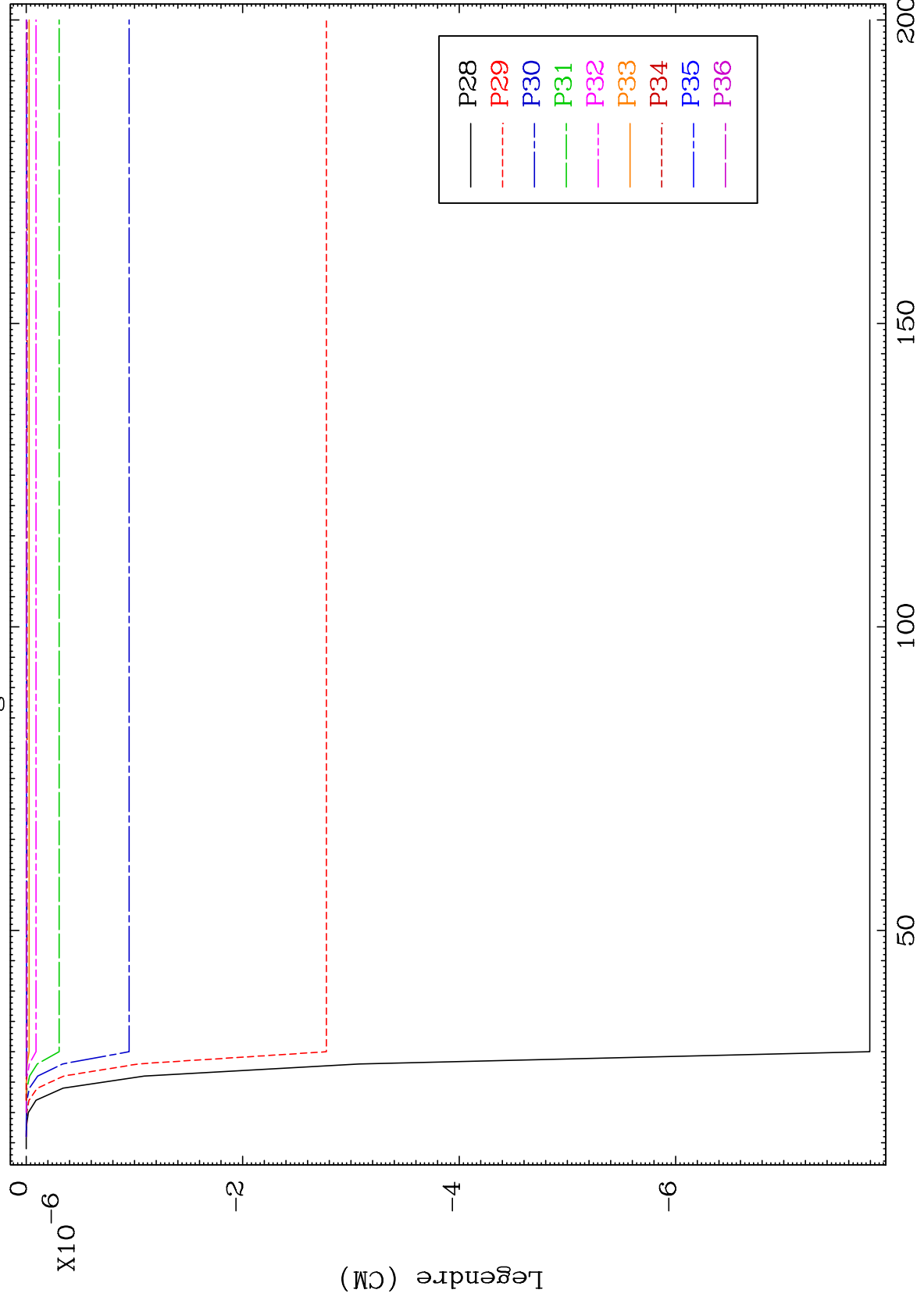
MT= 74 (n,n') Level
Legendre Coefficients

66-Dy-153

66-Dy-153

Incident Energy (MeV)

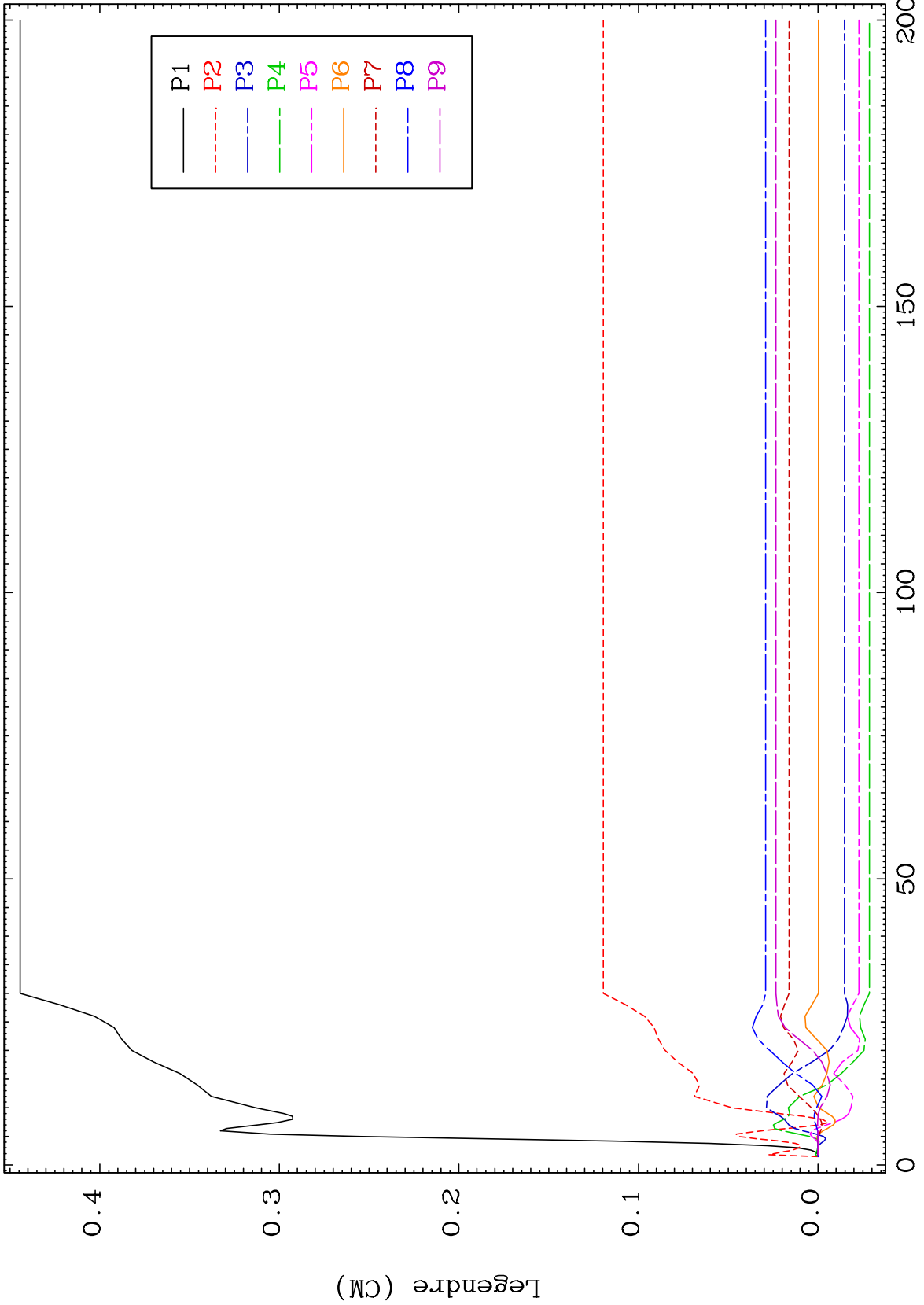
115



MAT 6616

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

66-Dy-153



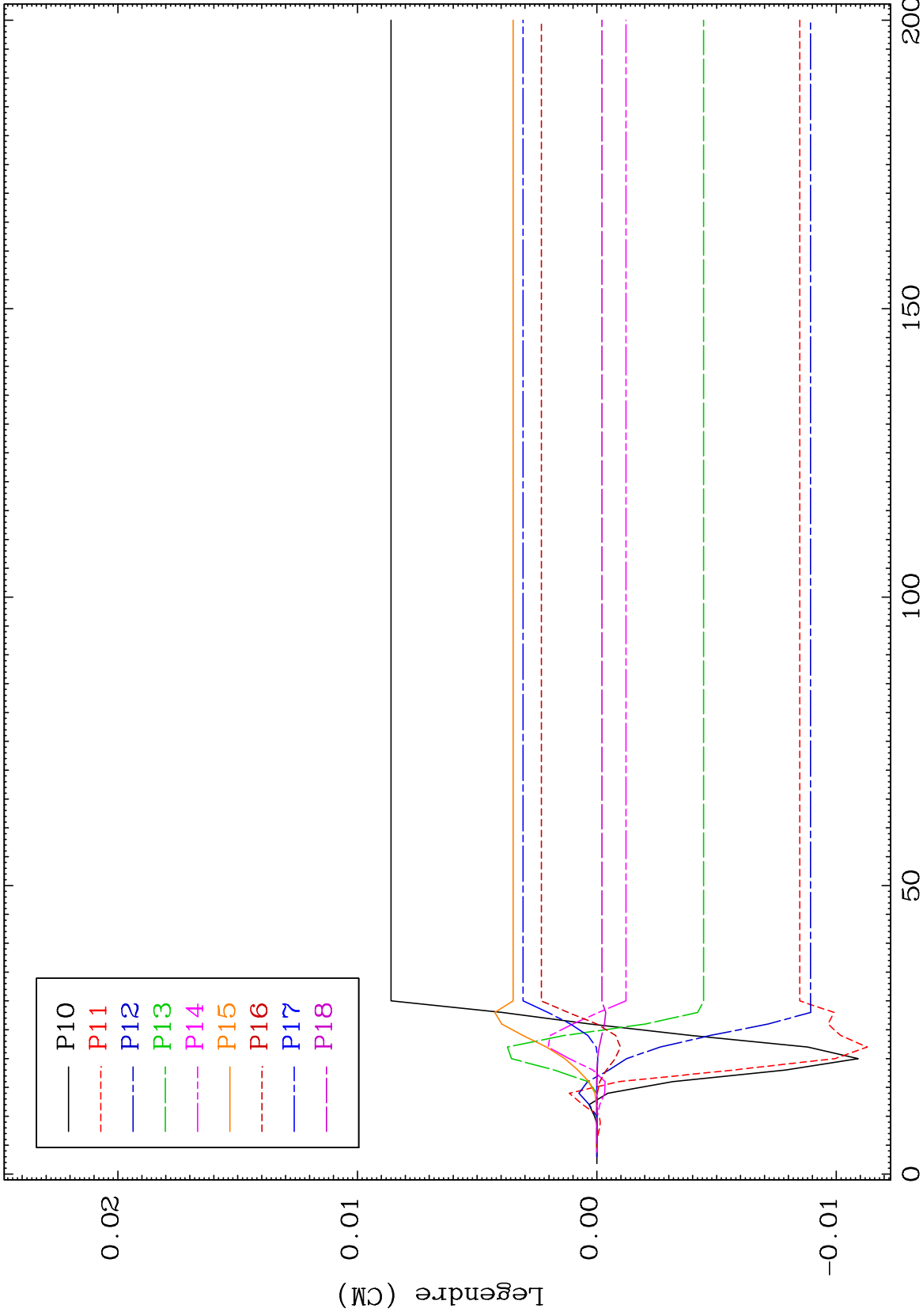
116

66-Dy-153

MAT 6616

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

66-Dy-153



117

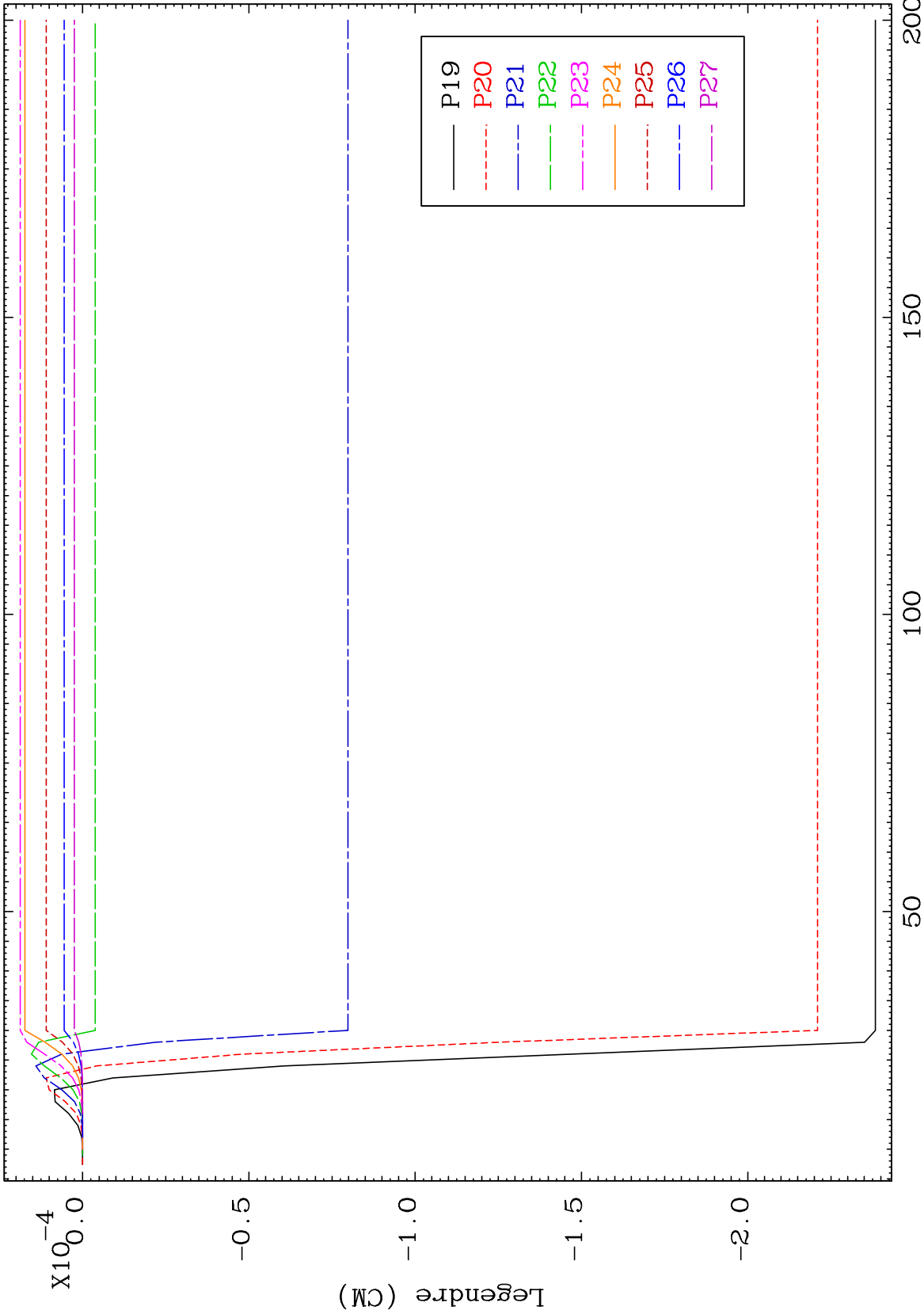
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



118

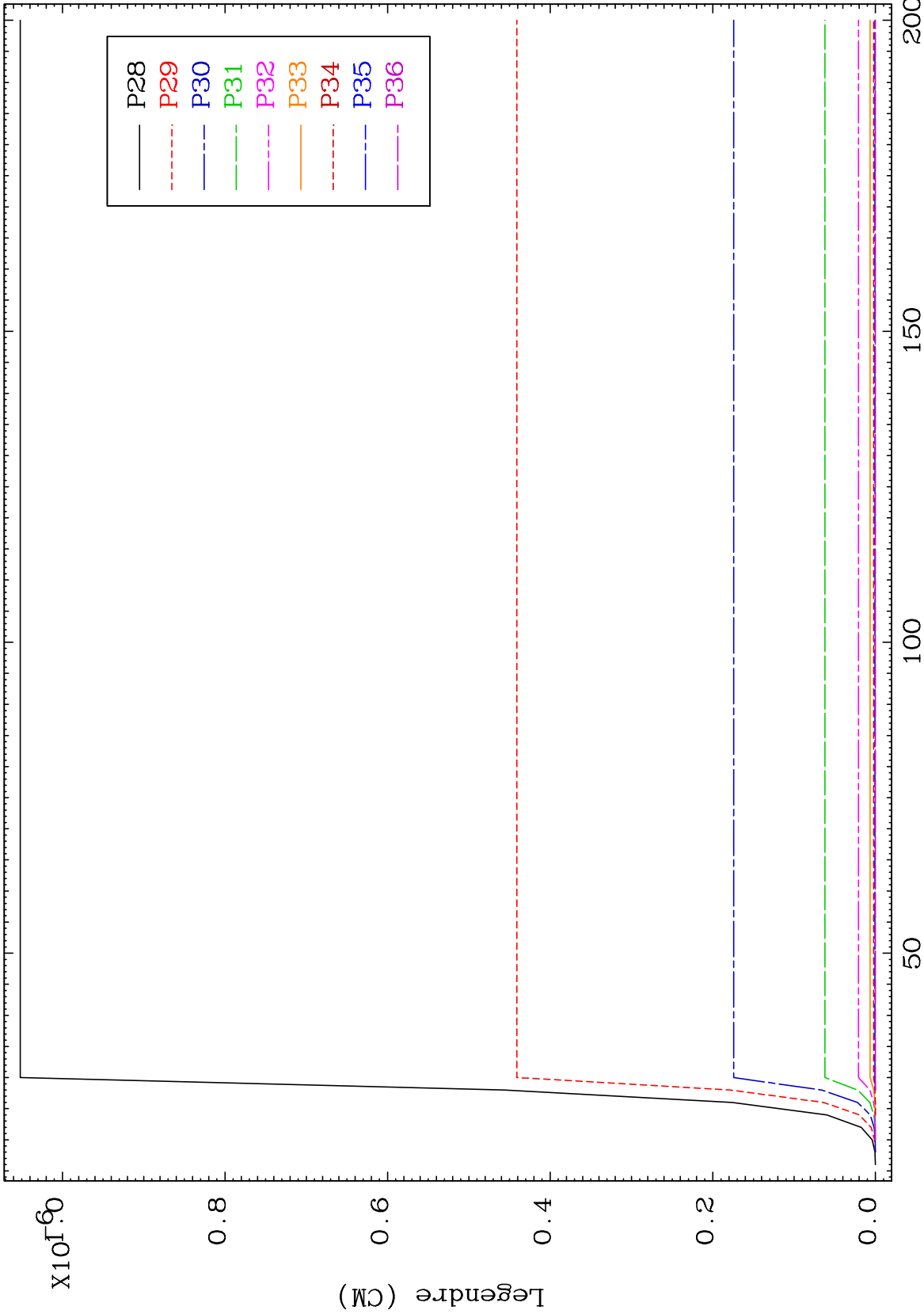
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



119

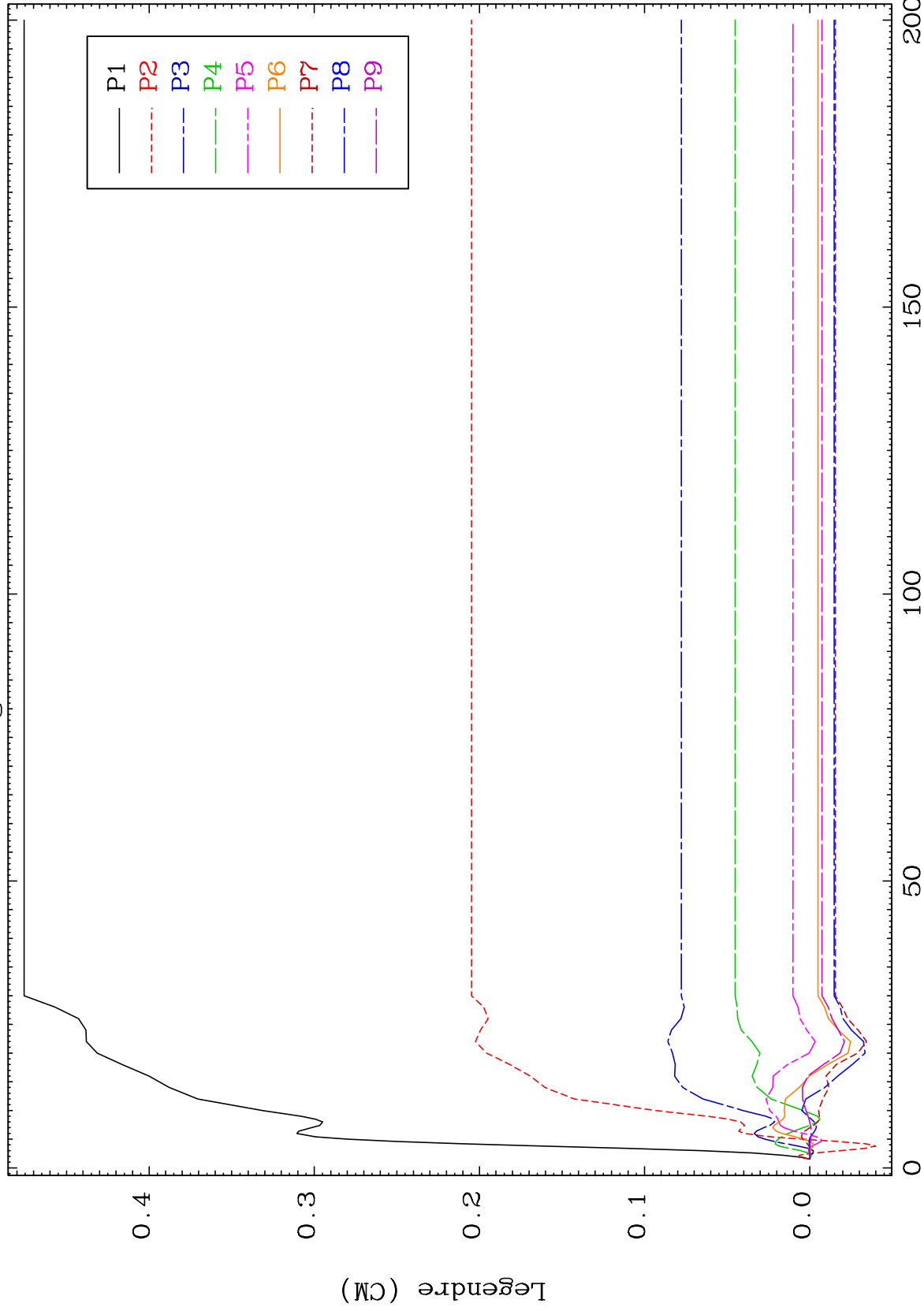
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153

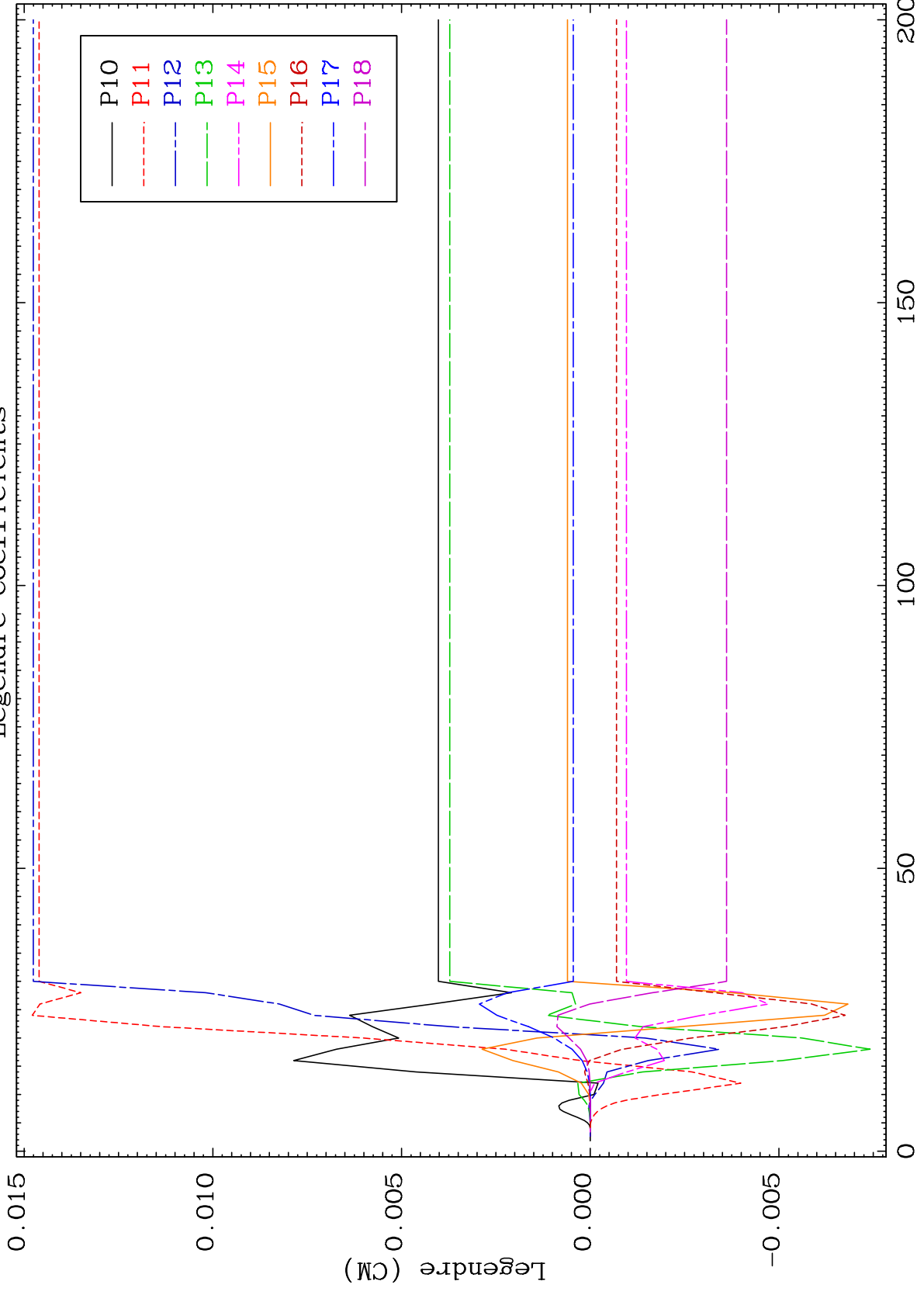


66-Dy-153

Incident Energy (MeV)

120

MAT 6616 MT= 76 (n,n') Level Legendre Coefficients 66-Dy-153

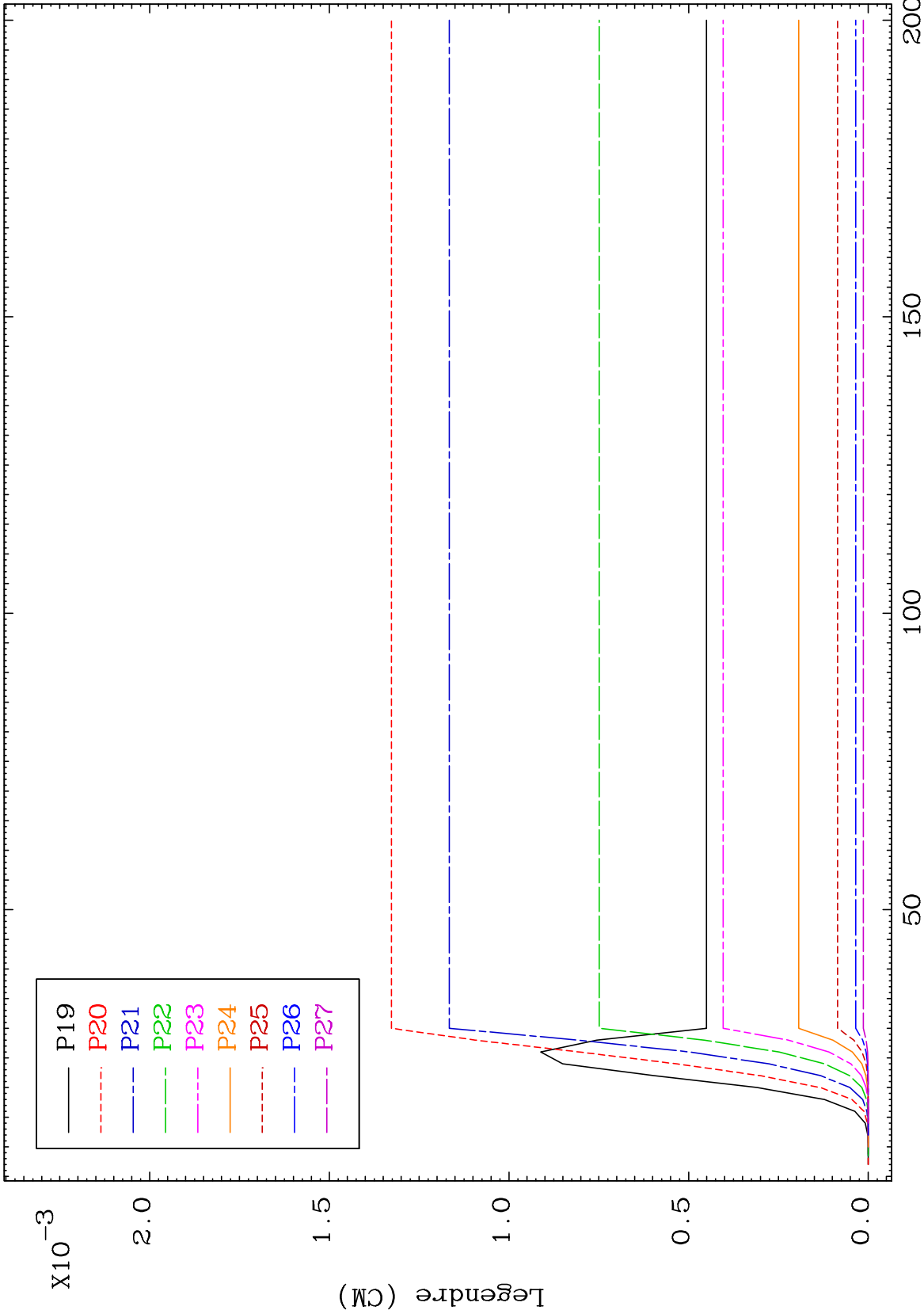


121 66-Dy-153

MAT 6616

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

66-Dy-153



122

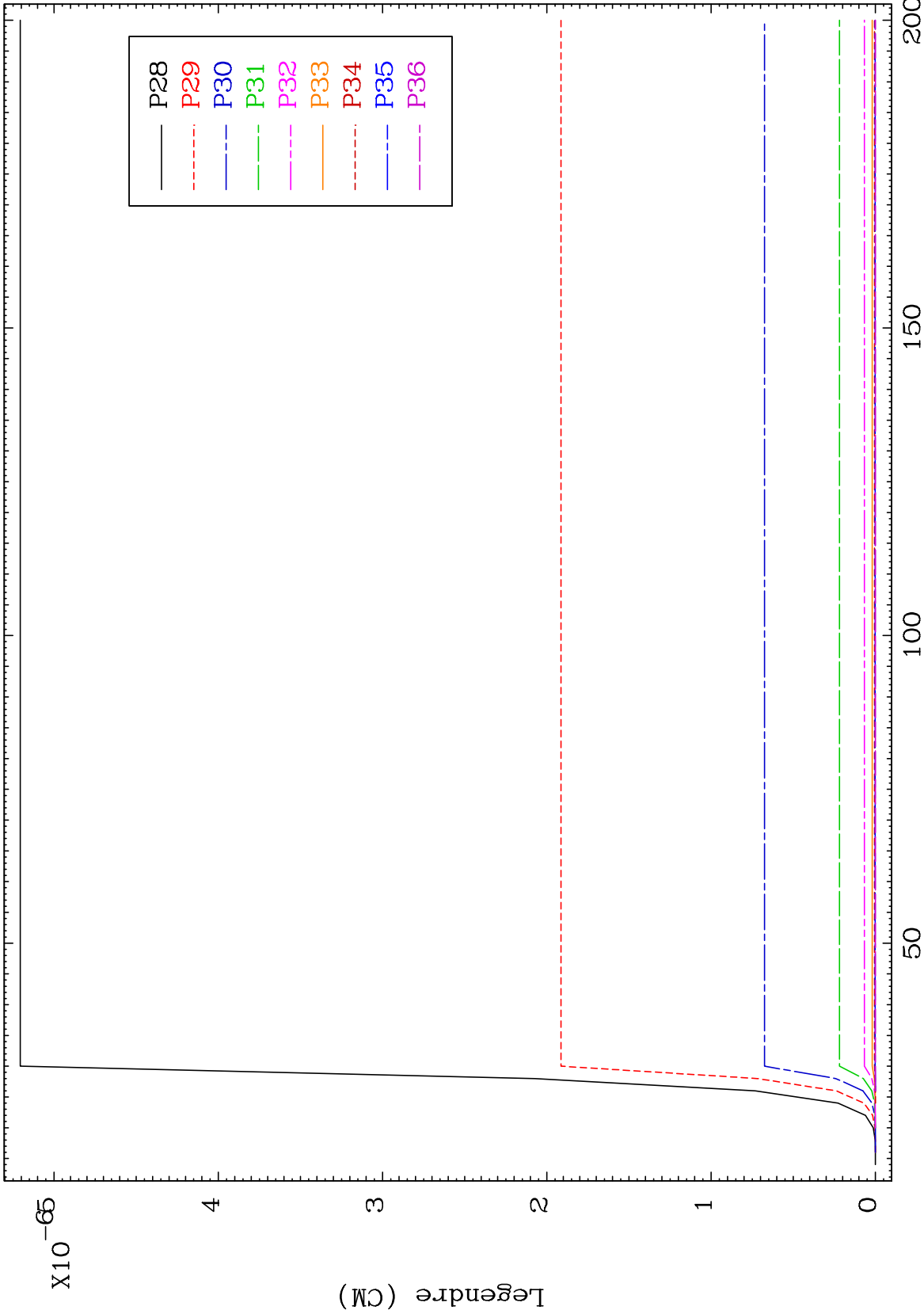
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



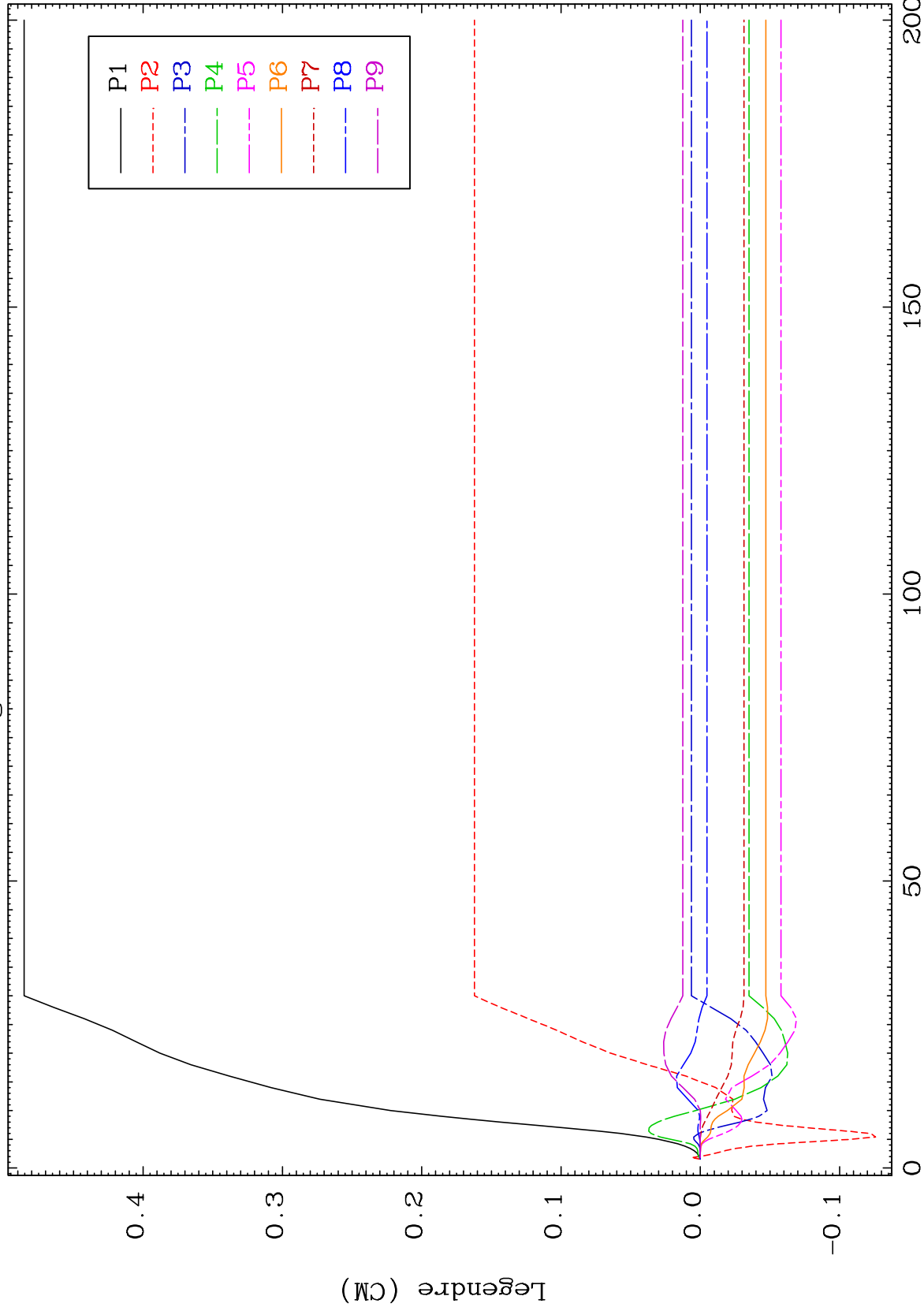
123

66-Dy-153

MAT 6616

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

66-Dy-153



124

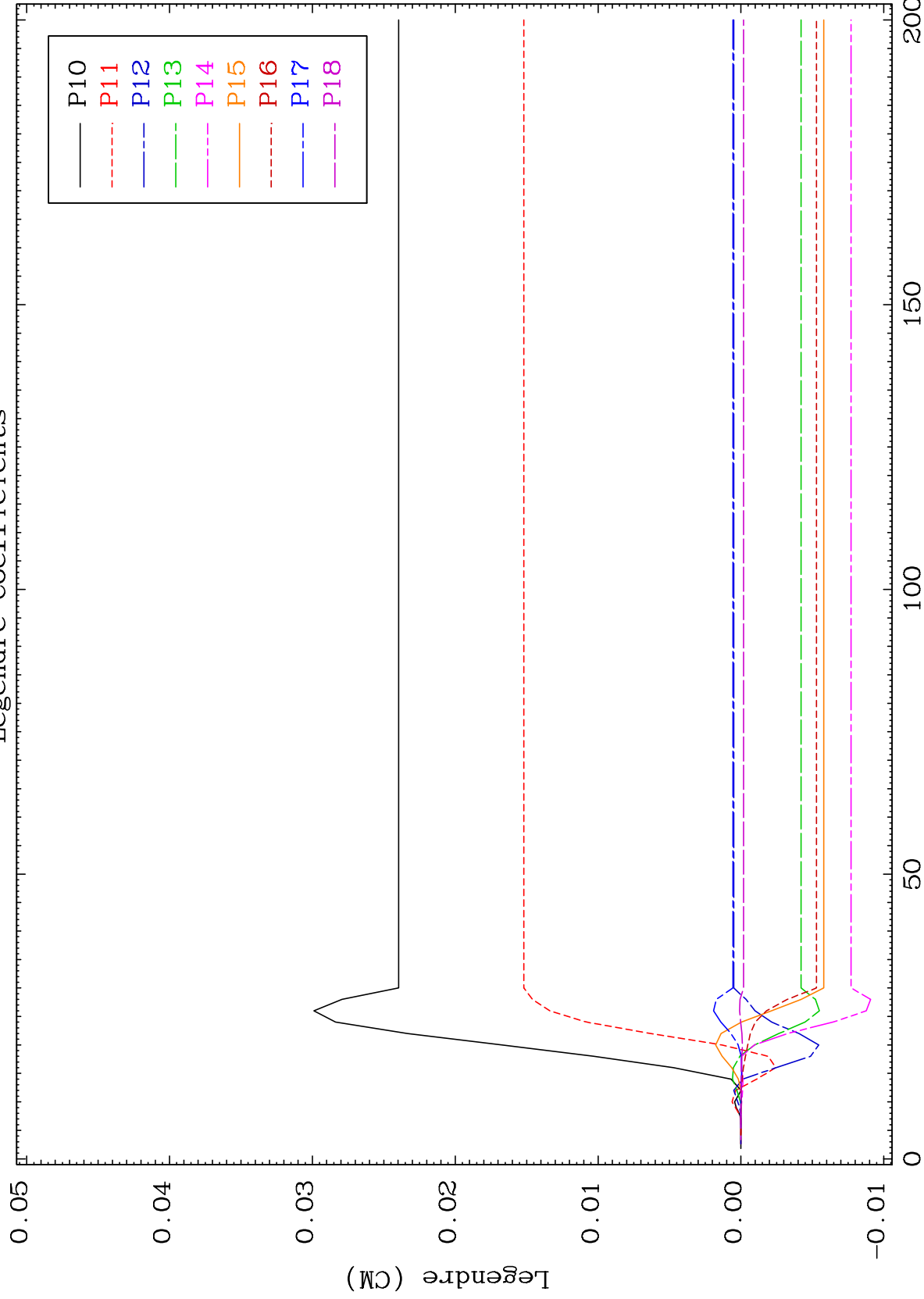
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



125

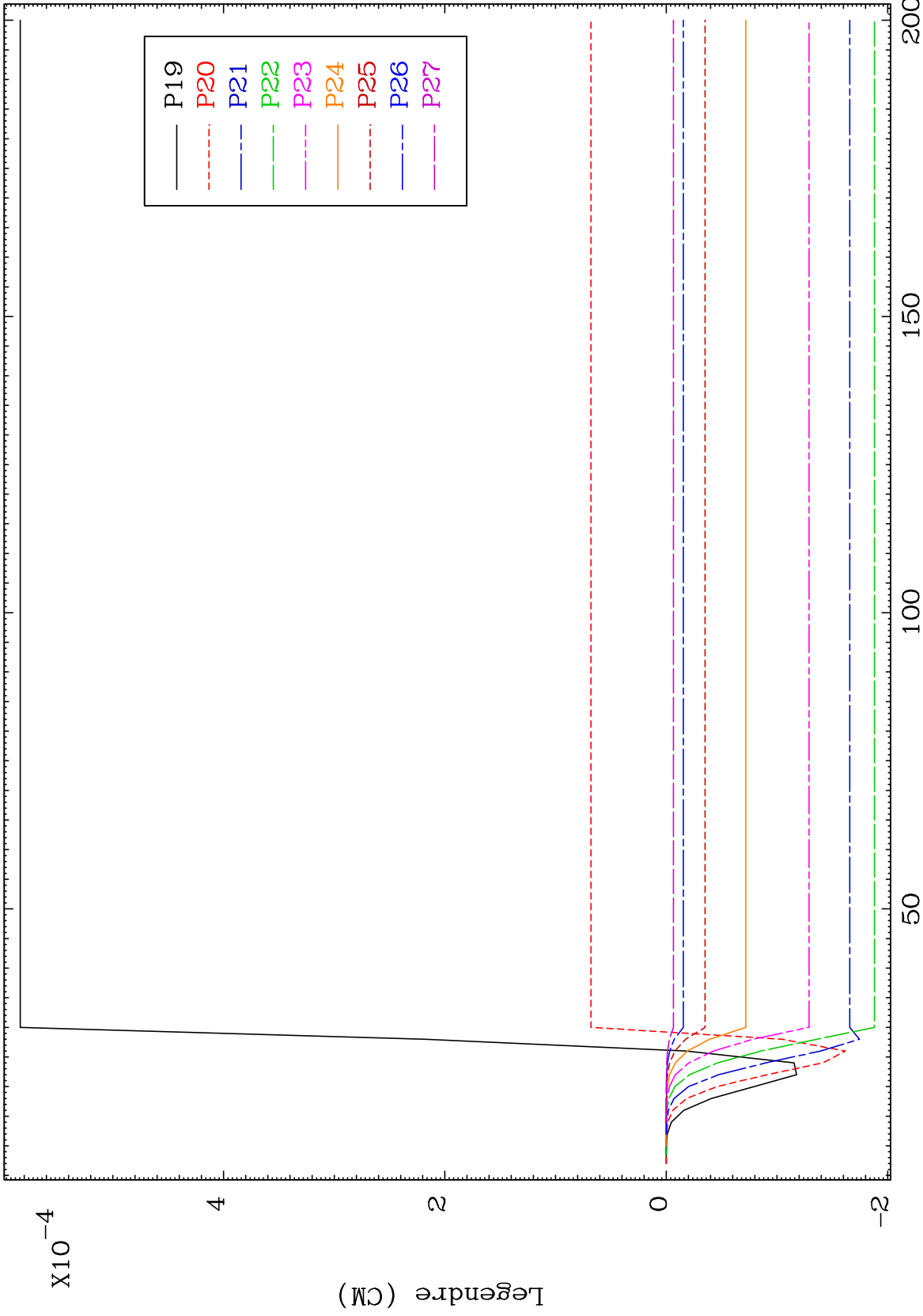
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



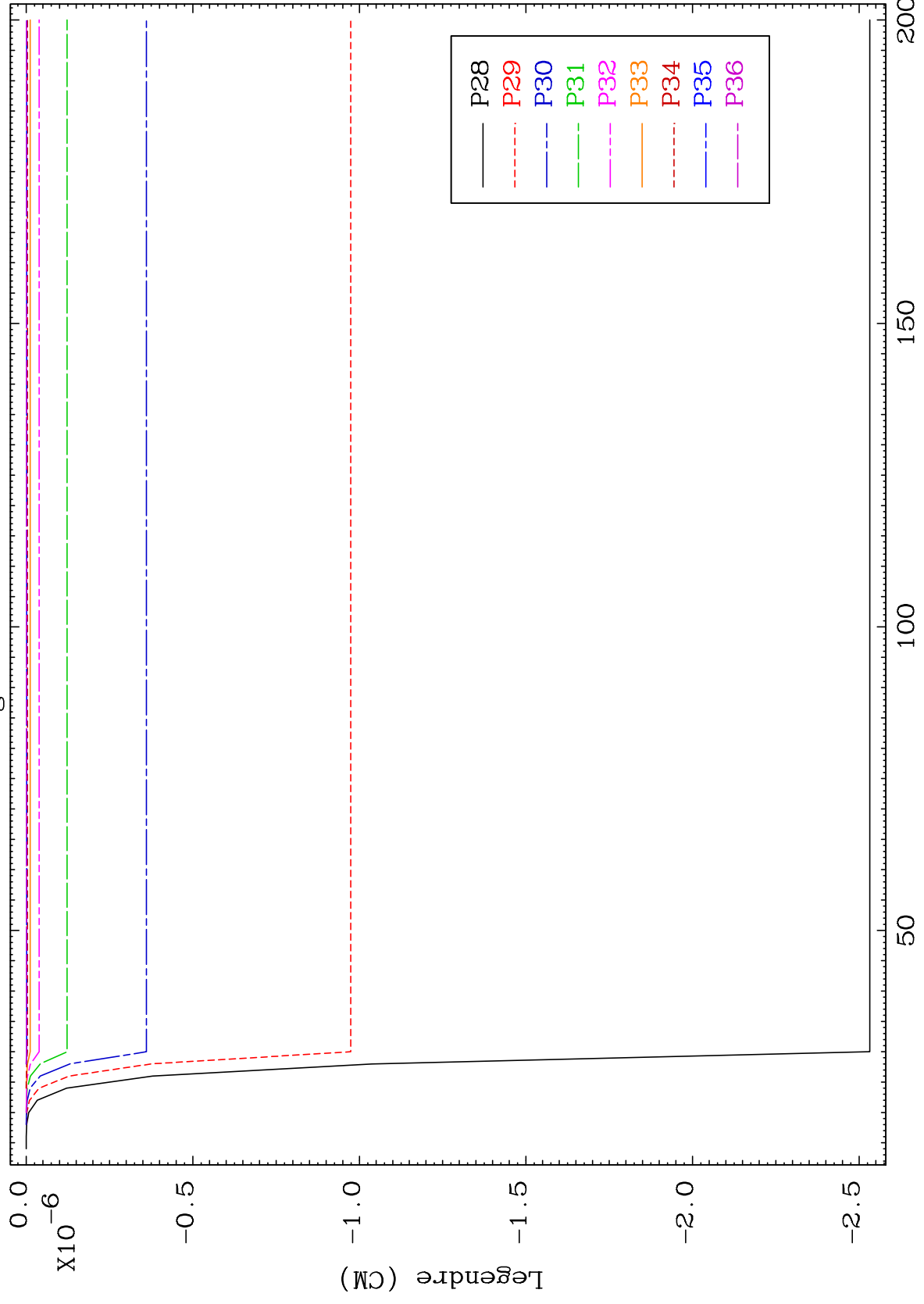
126

66-Dy-153

MAT 6616

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

66-Dy-153



66-Dy-153

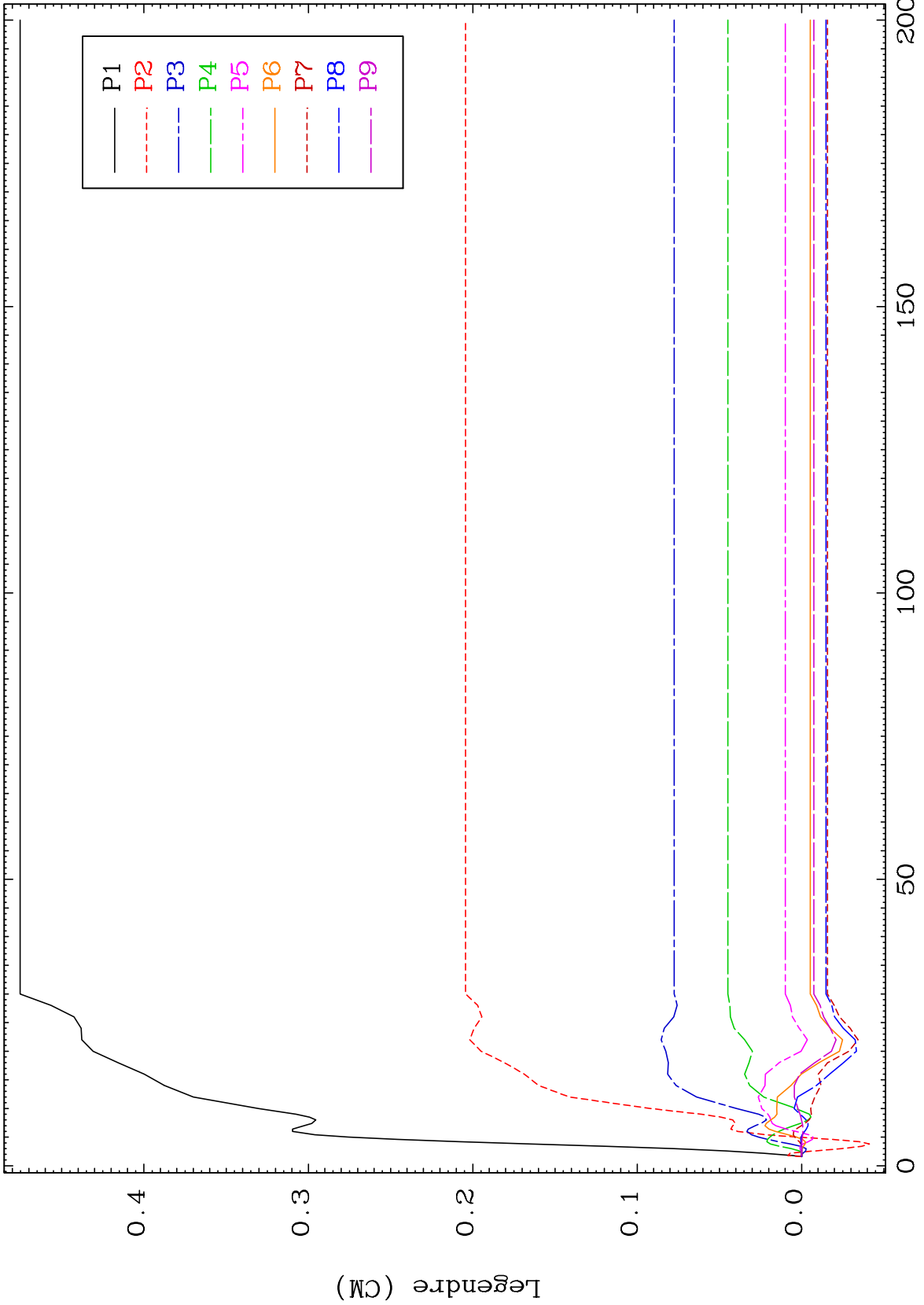
Incident Energy (MeV)

127

MAT 6616

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

66-Dy-153

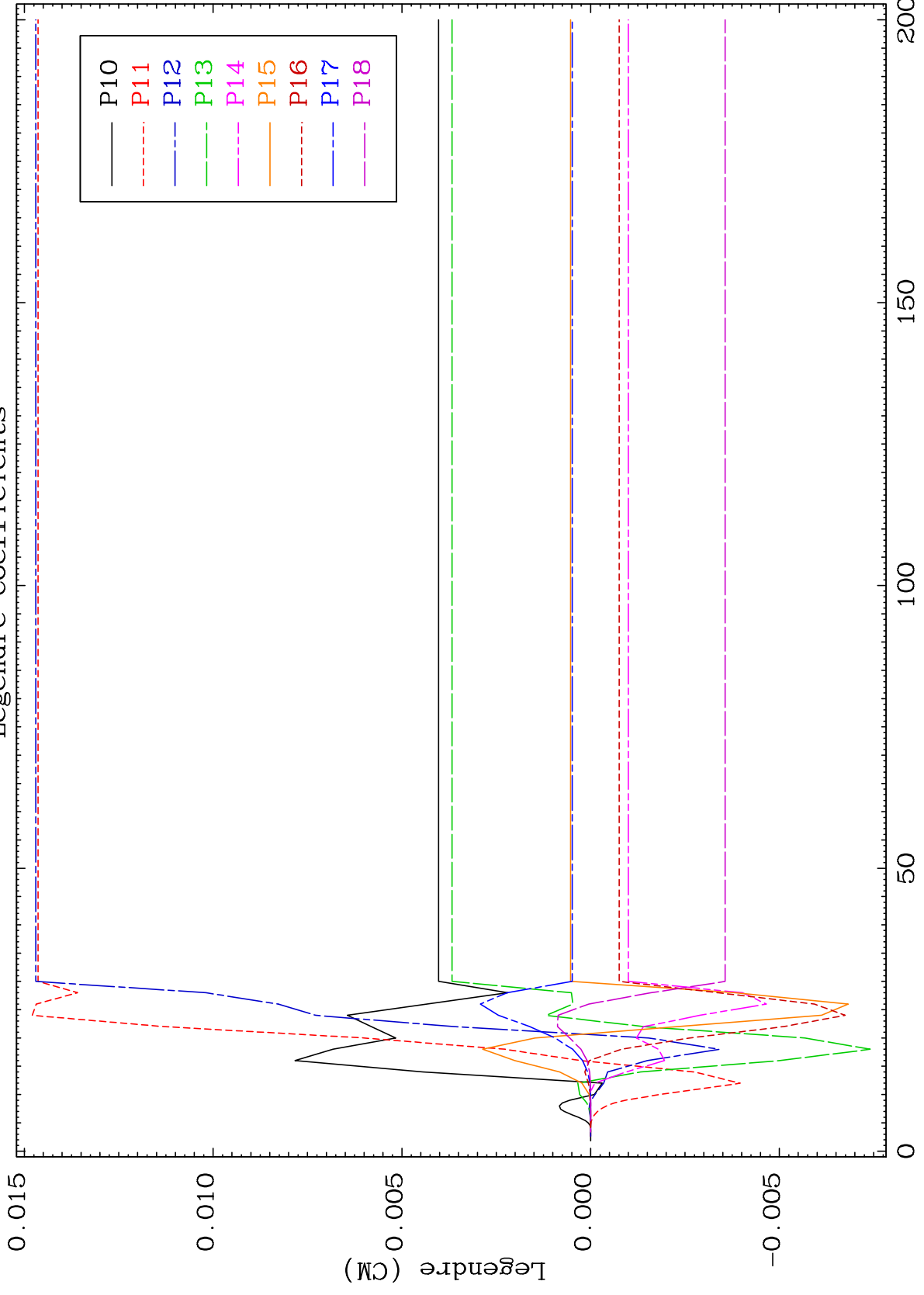


128

Incident Energy (MeV)

66-Dy-153

MAT 6616 MT= 78 (n,n') Level Legendre Coefficients 66-Dy-153

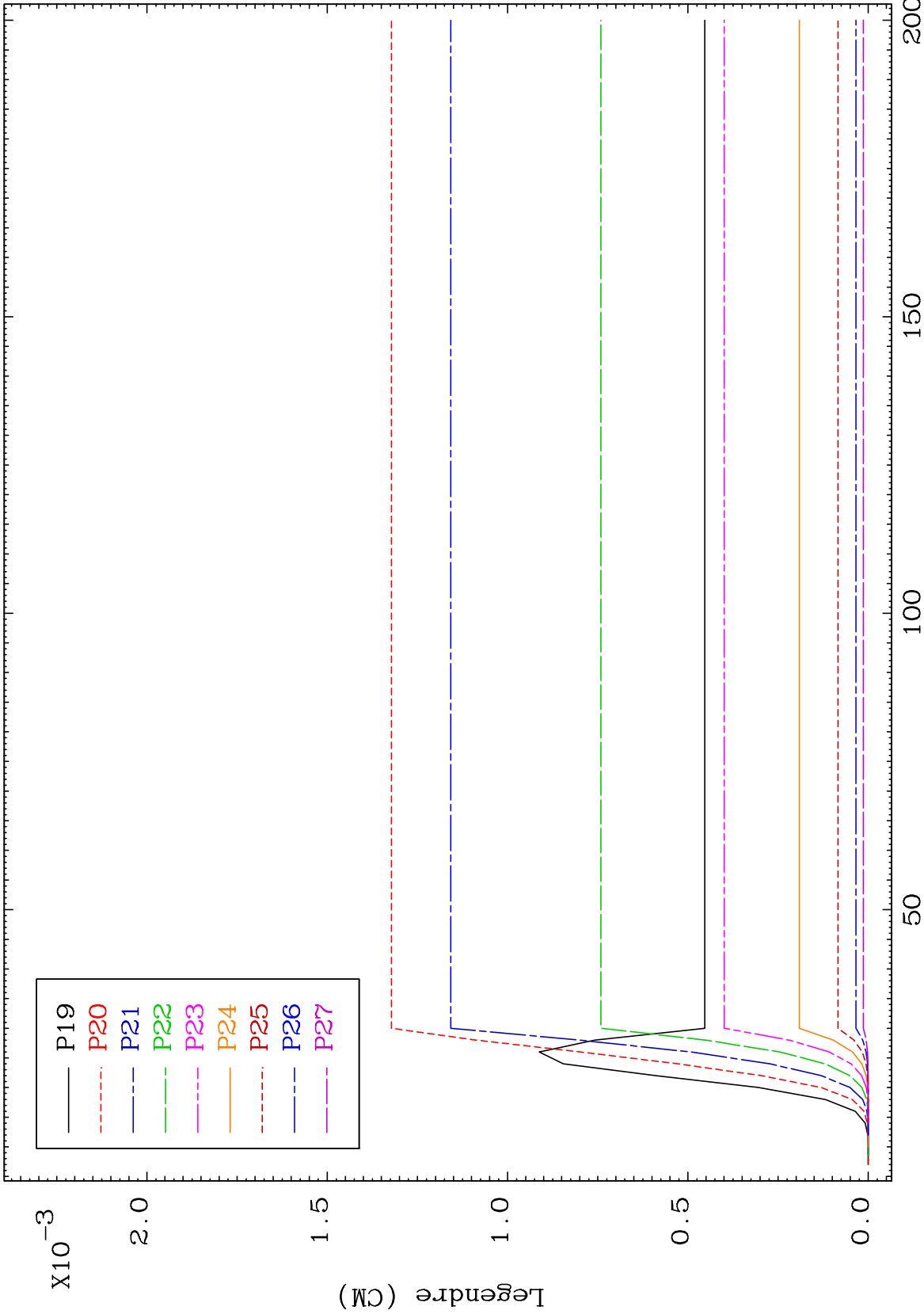


129 Incident Energy (MeV) 66-Dy-153

MAT 6616

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

66-Dy-153



130

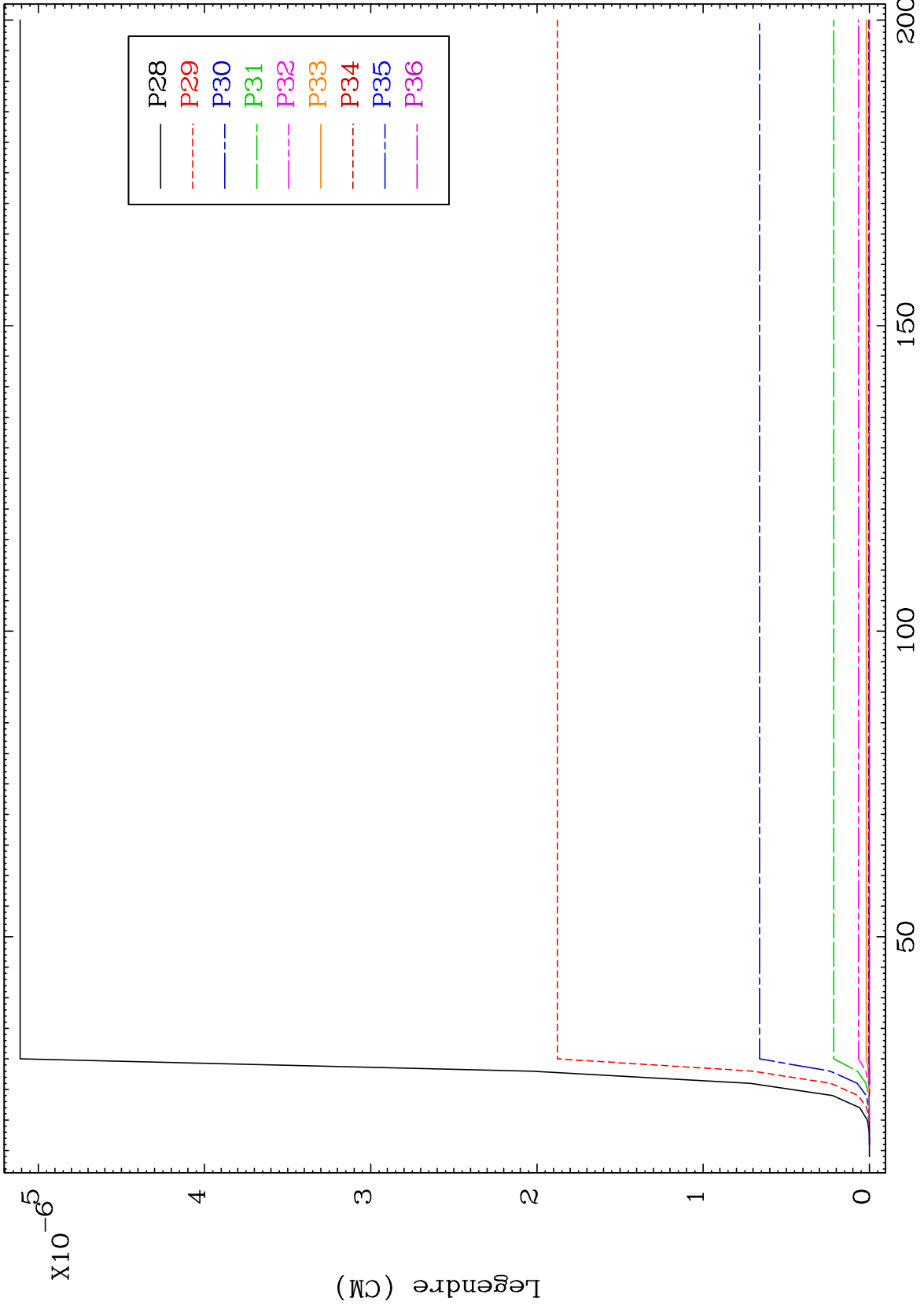
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



131

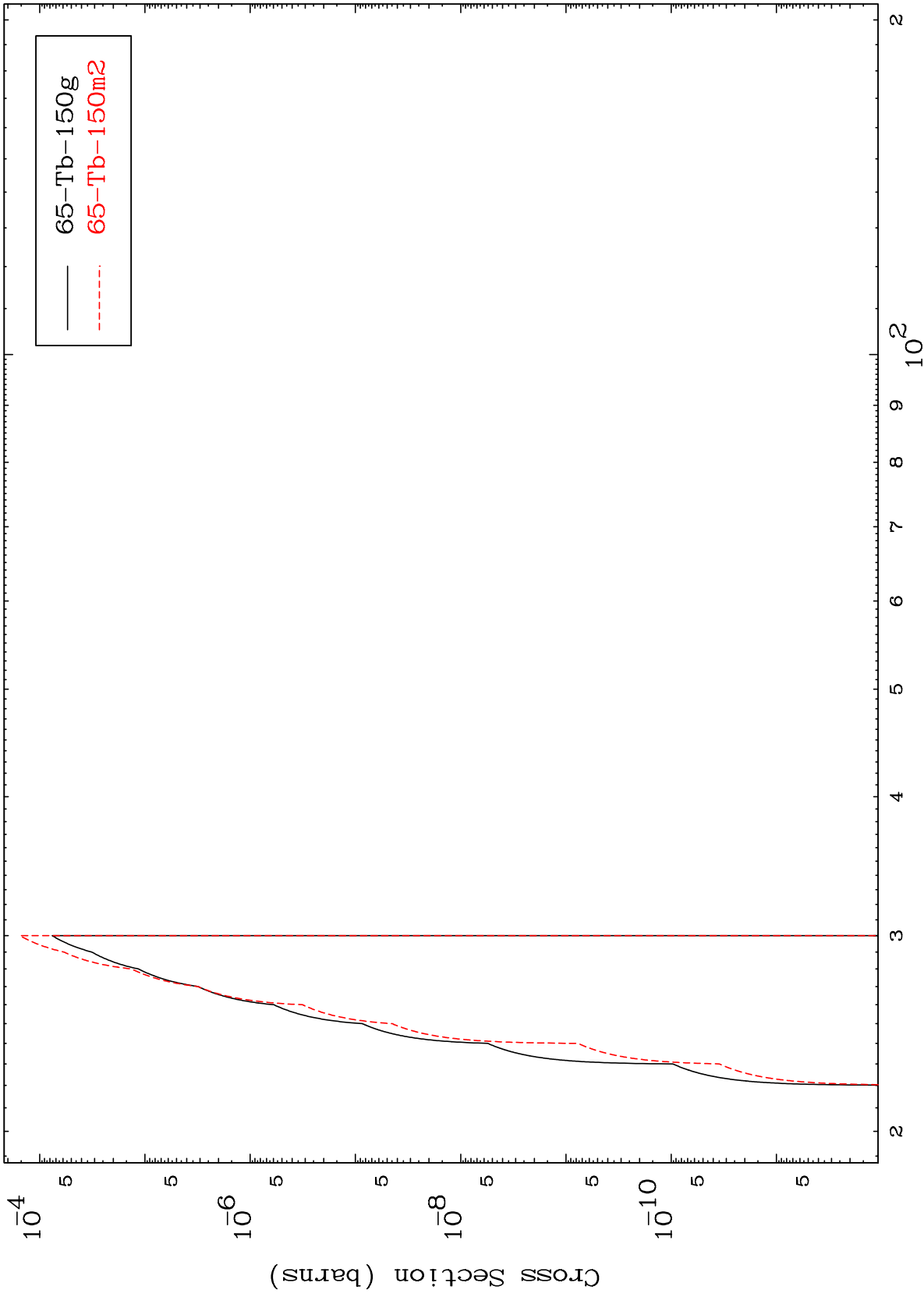
66-Dy-153

MAT 6616

(n,2n) d

66-Dy-153

Radionuclide Production Cross Section



132

Incident Energy (MeV)

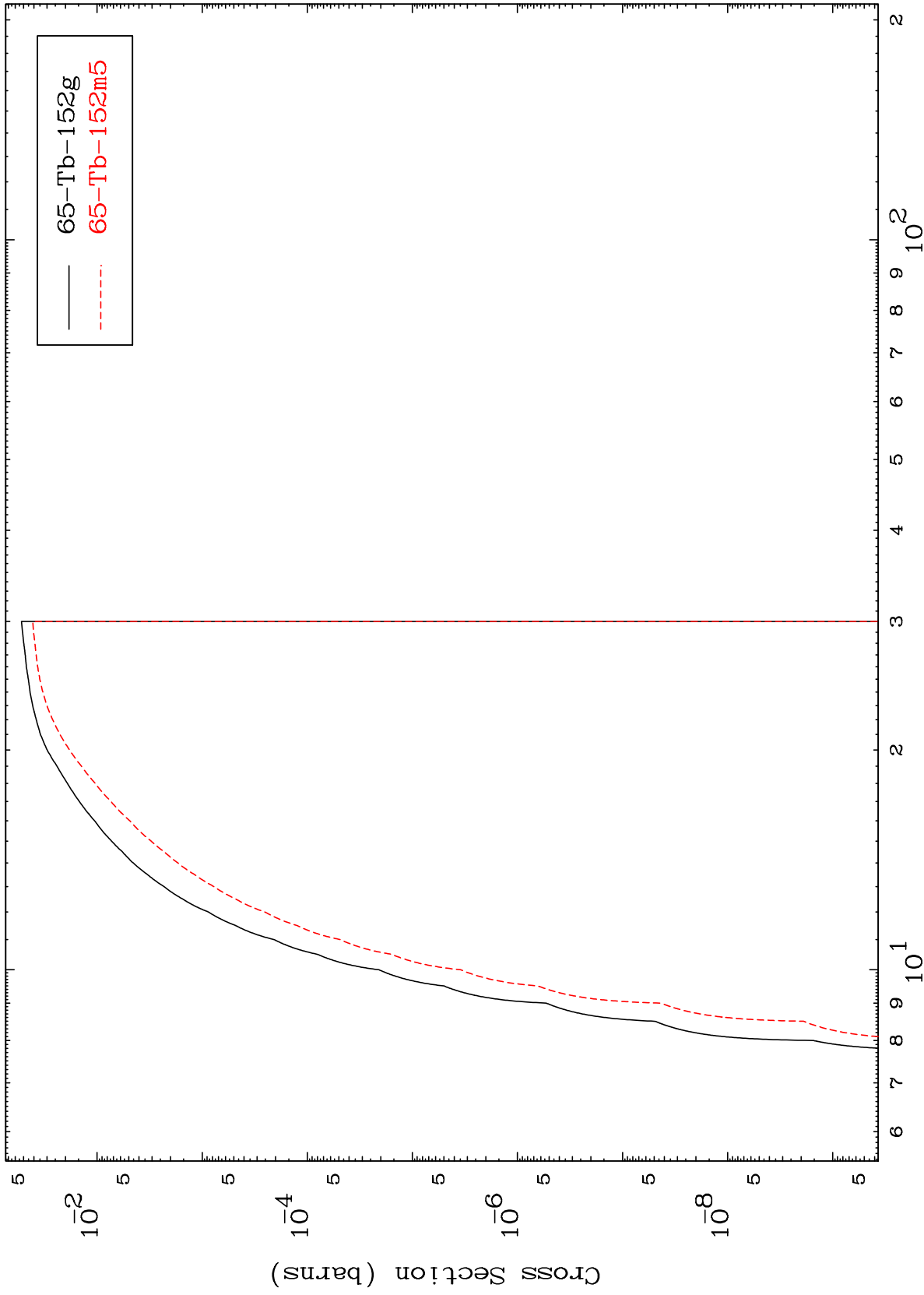
66-Dy-153

MAT 6616

(n,n') p

66-Dy-153

Radionuclide Production Cross Section



133

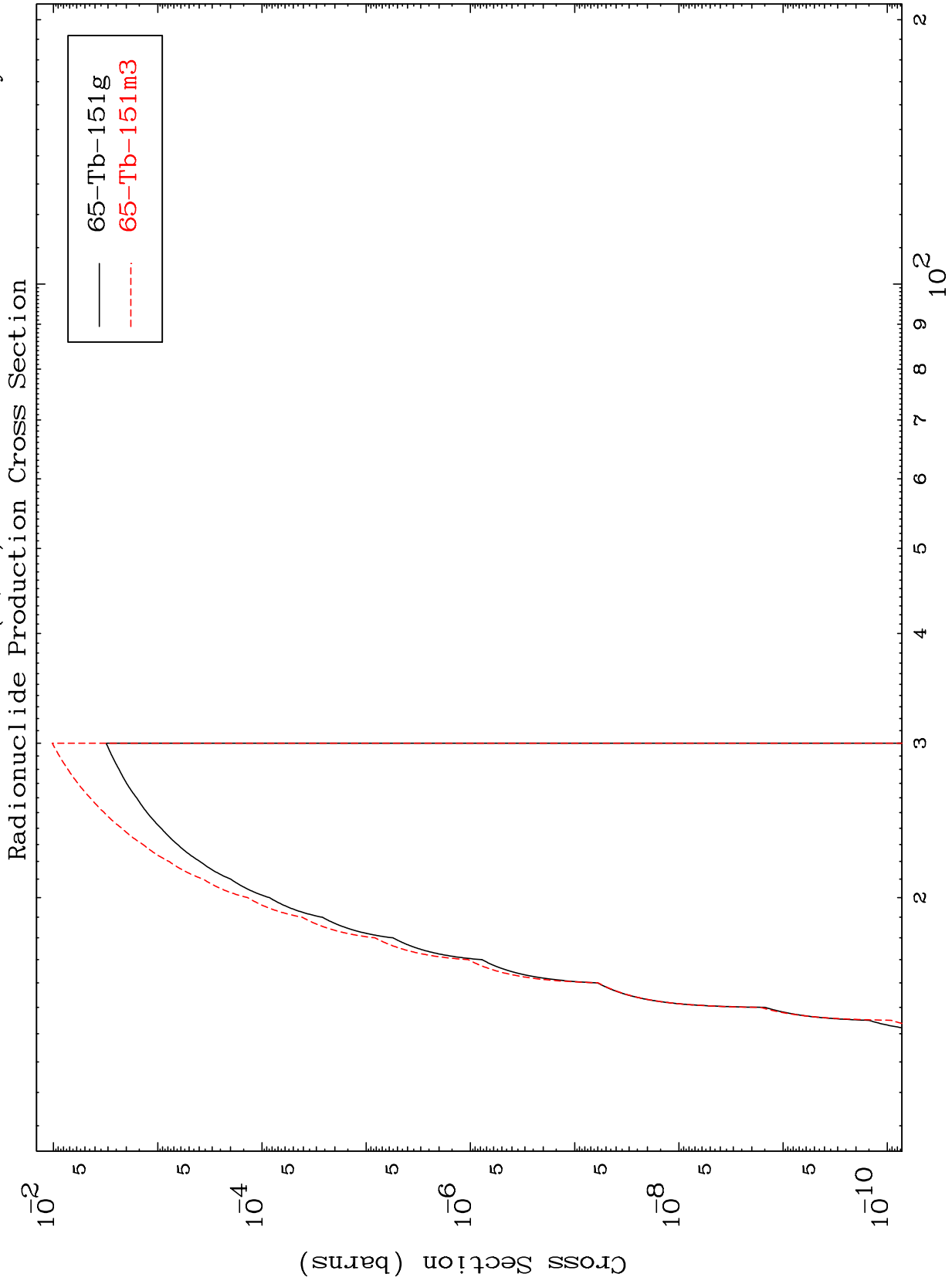
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n, n') d

66-Dy-153



134

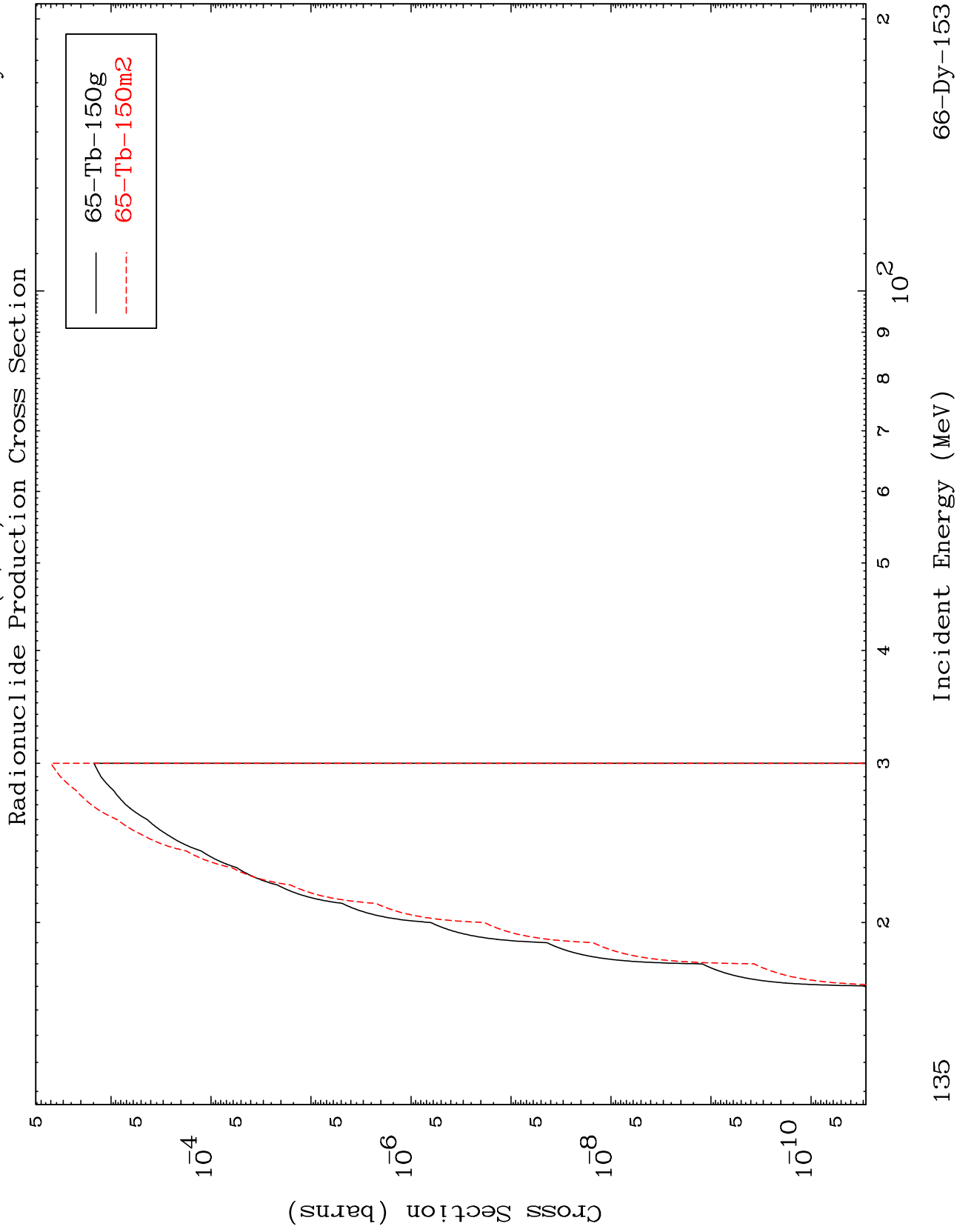
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n,n') t

66-Dy-153



135

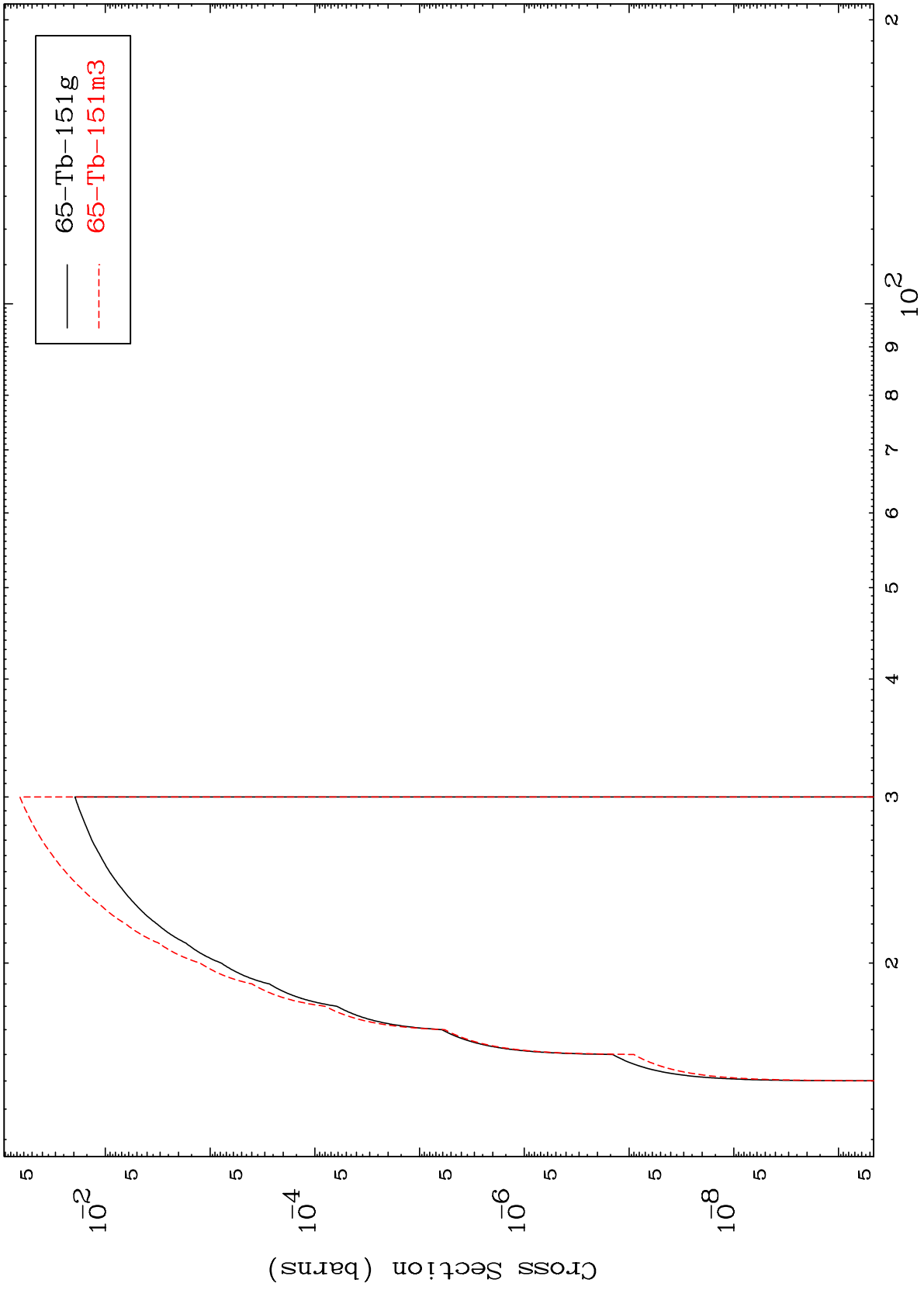
66-Dy-153

MAT 6616

(n,2n) p

66-Dy-153

Radionuclide Production Cross Section



136

Incident Energy (MeV)

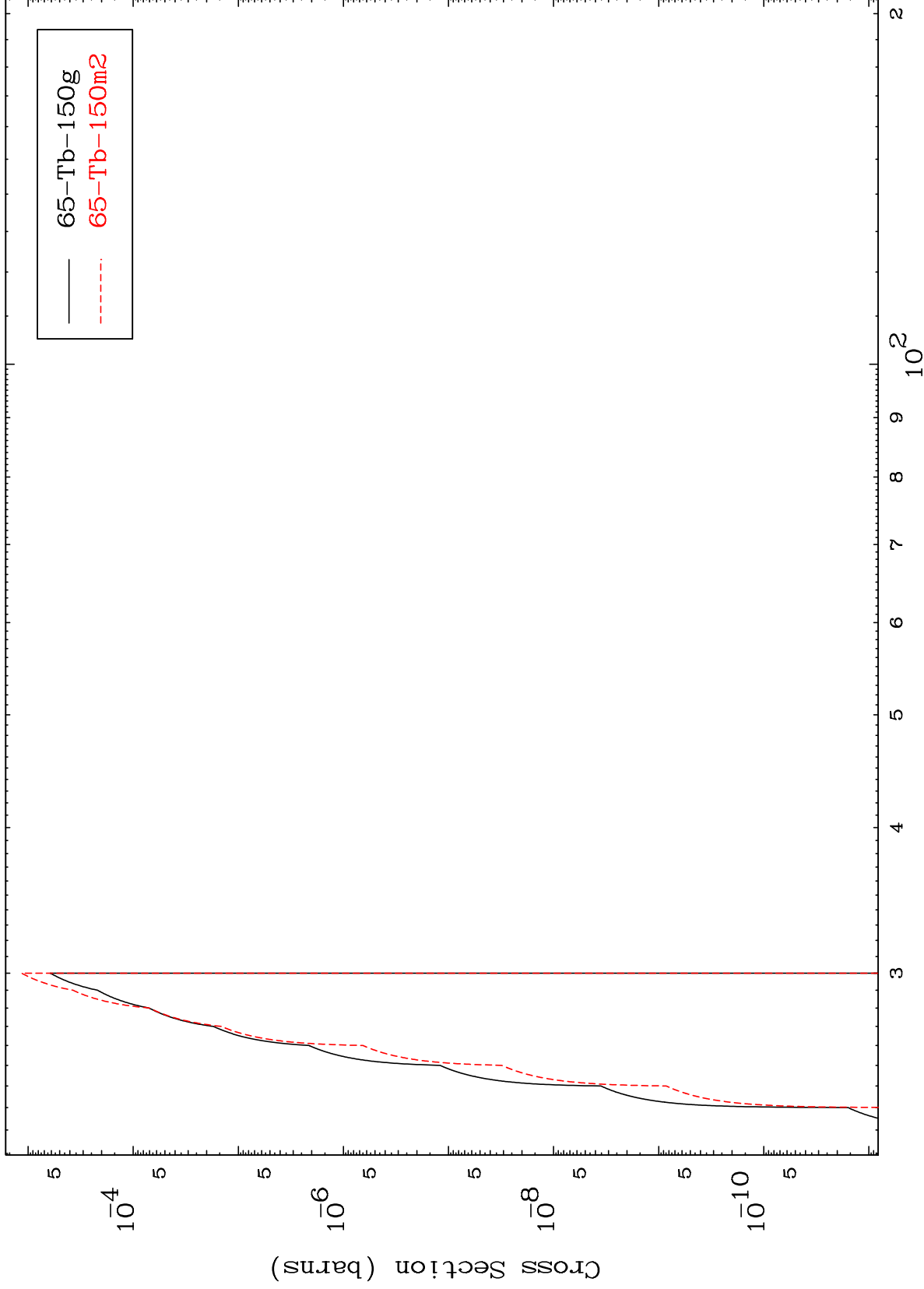
66-Dy-153

MAT 6616

(n,3n) p

66-Dy-153

Radionuclide Production Cross Section



137

Incident Energy (MeV)

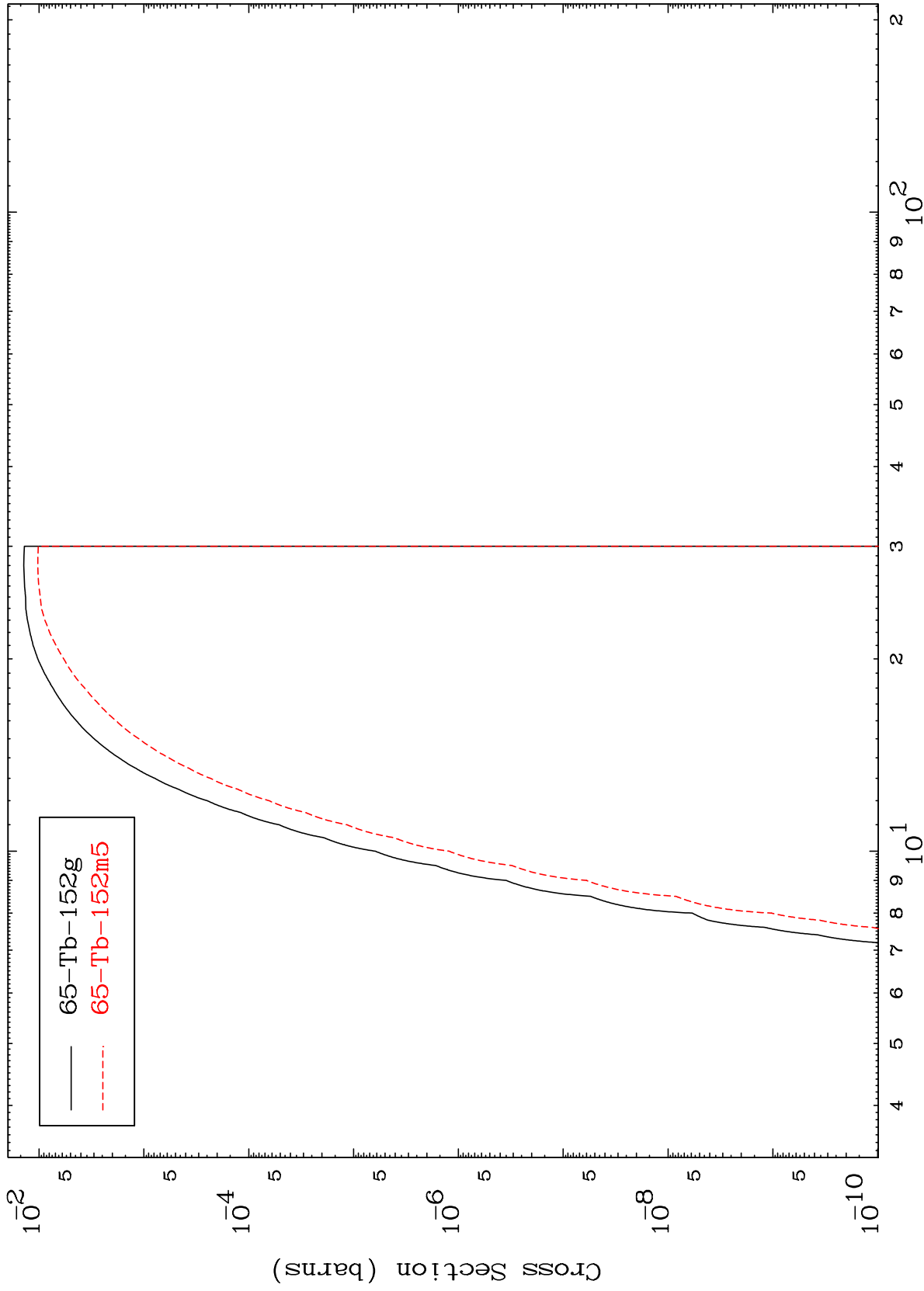
66-Dy-153

MAT 6616

(n,d)

66-Dy-153

Radionuclide Production Cross Section



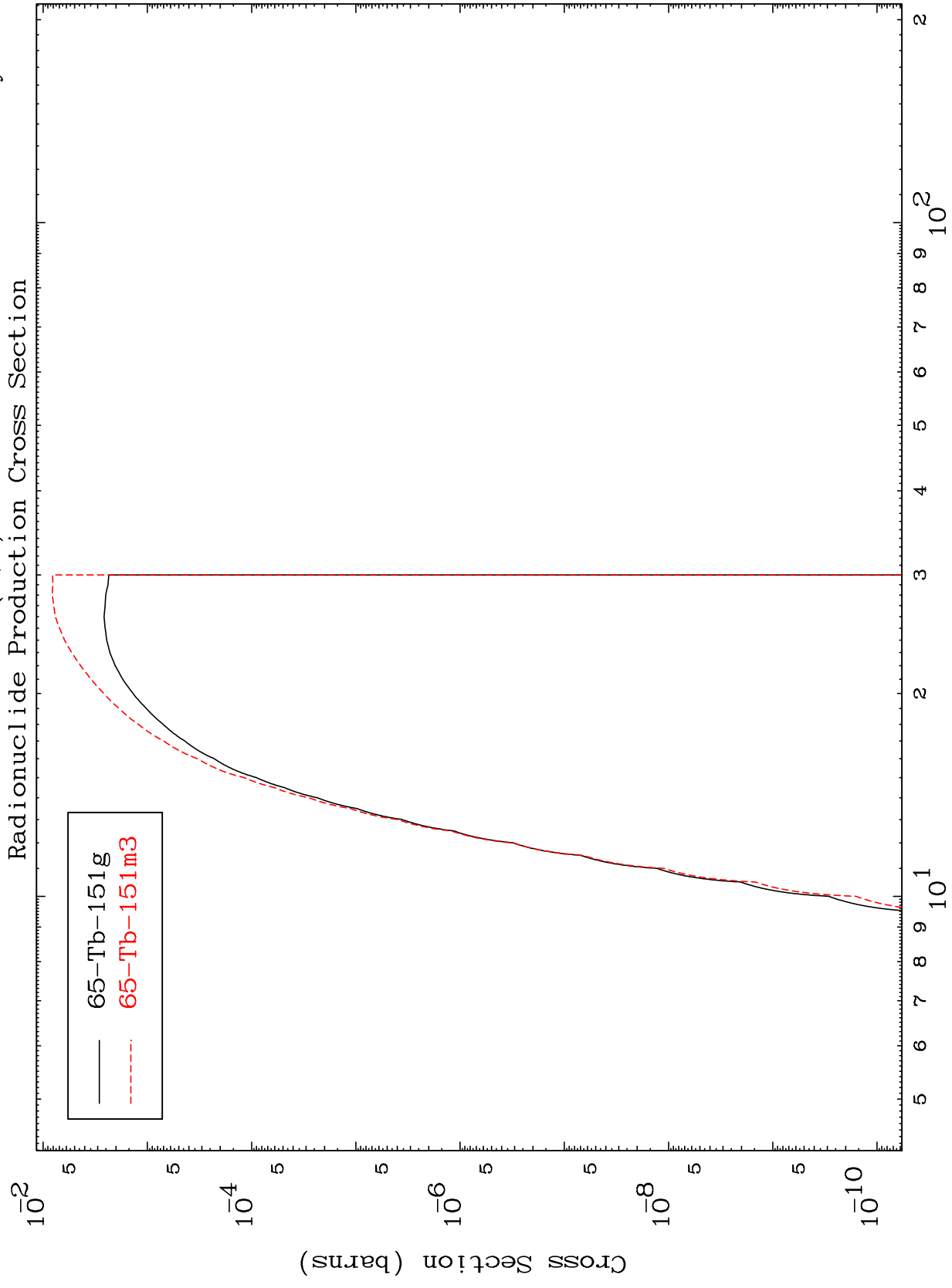
138

Incident Energy (MeV)

66-Dy-153

MAT 6616

66-Dy-153



139

66-Dy-153