

Program EVALPLOT
(Version 2018-1)

by

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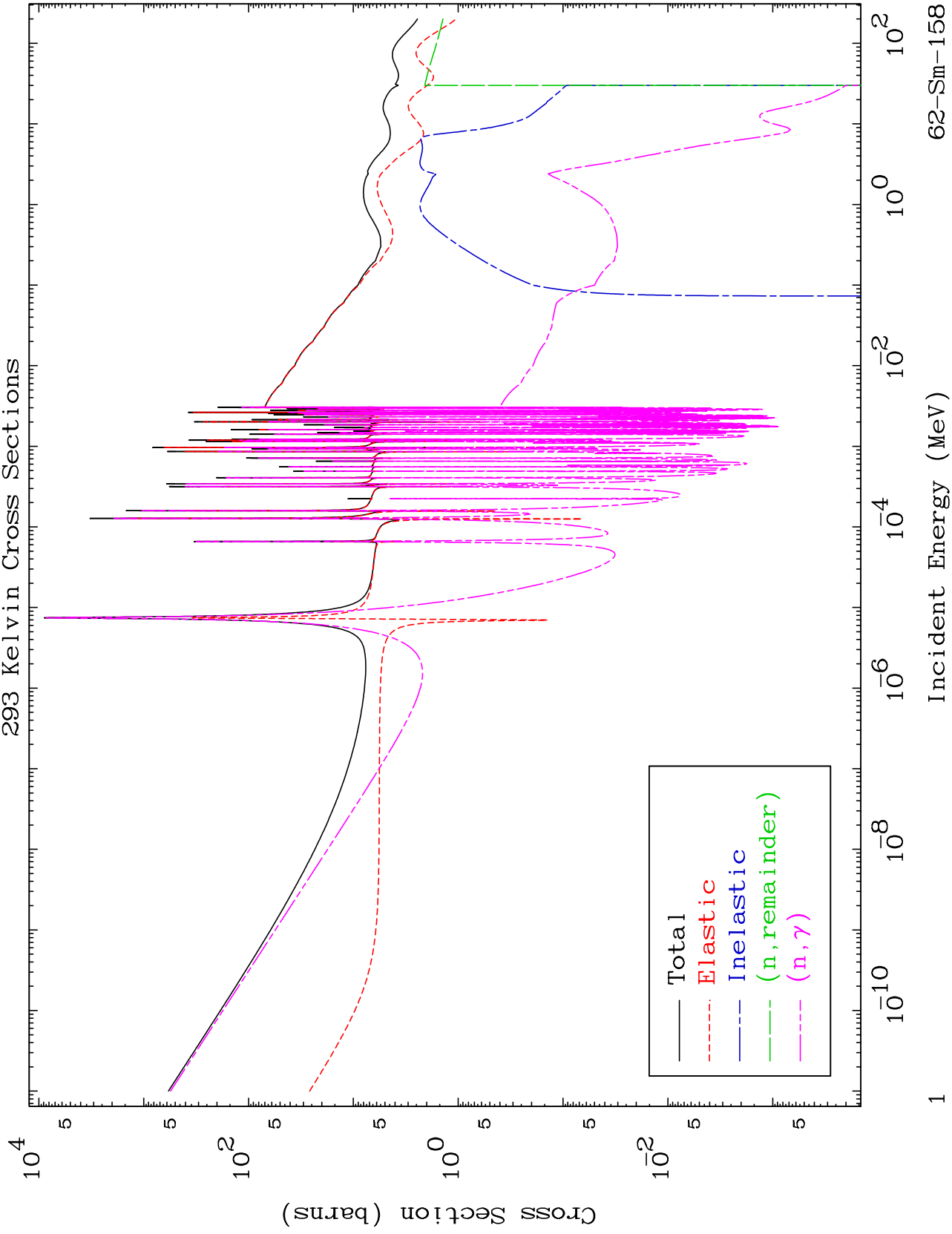
Press Mouse Button to Start

MAT 6267

Major

293 Kelvin Cross Sections

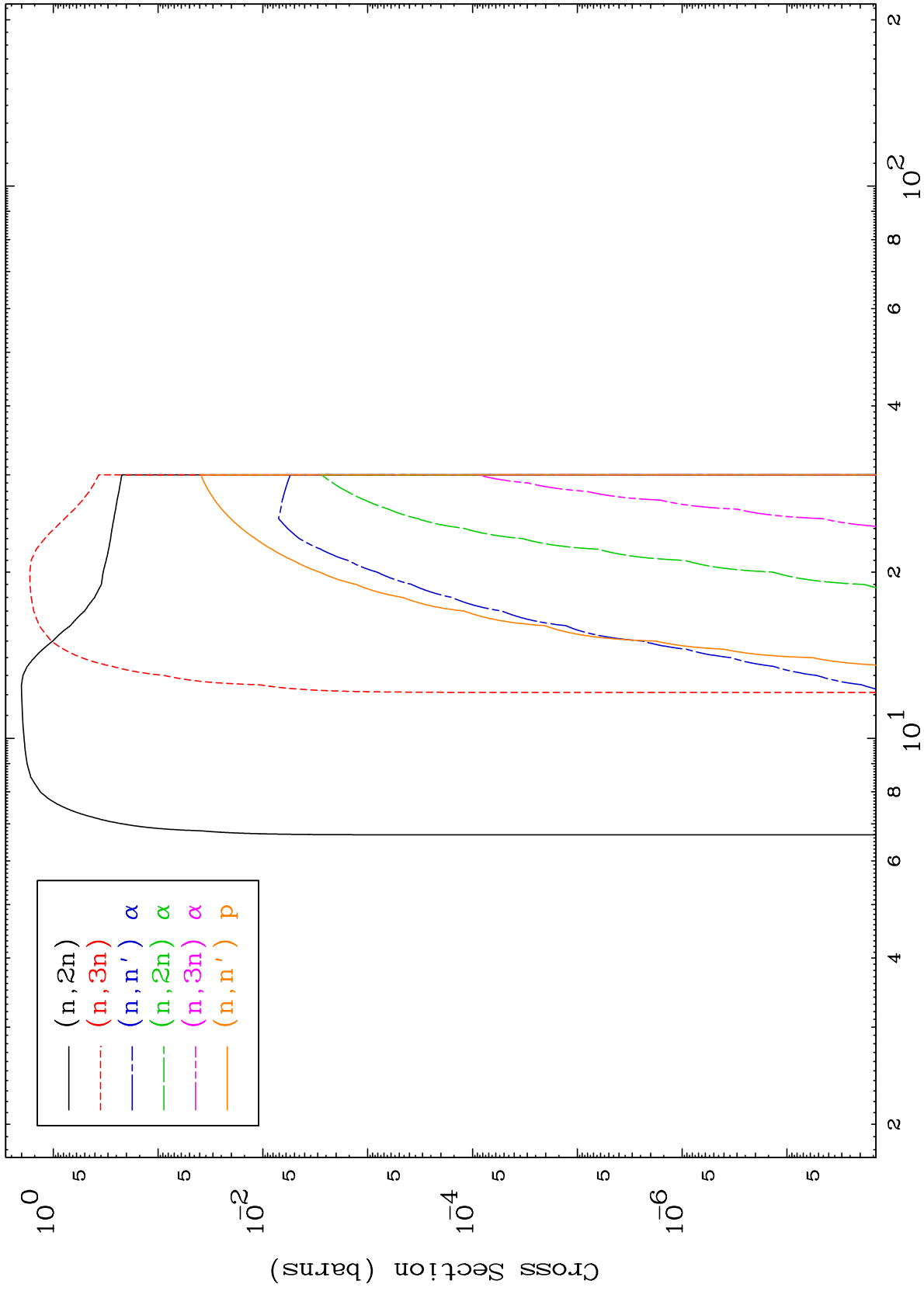
62-Sm-158



MAT 6267

Neutron Production
293 Kelvin Cross Sections

62-Sm-158



2

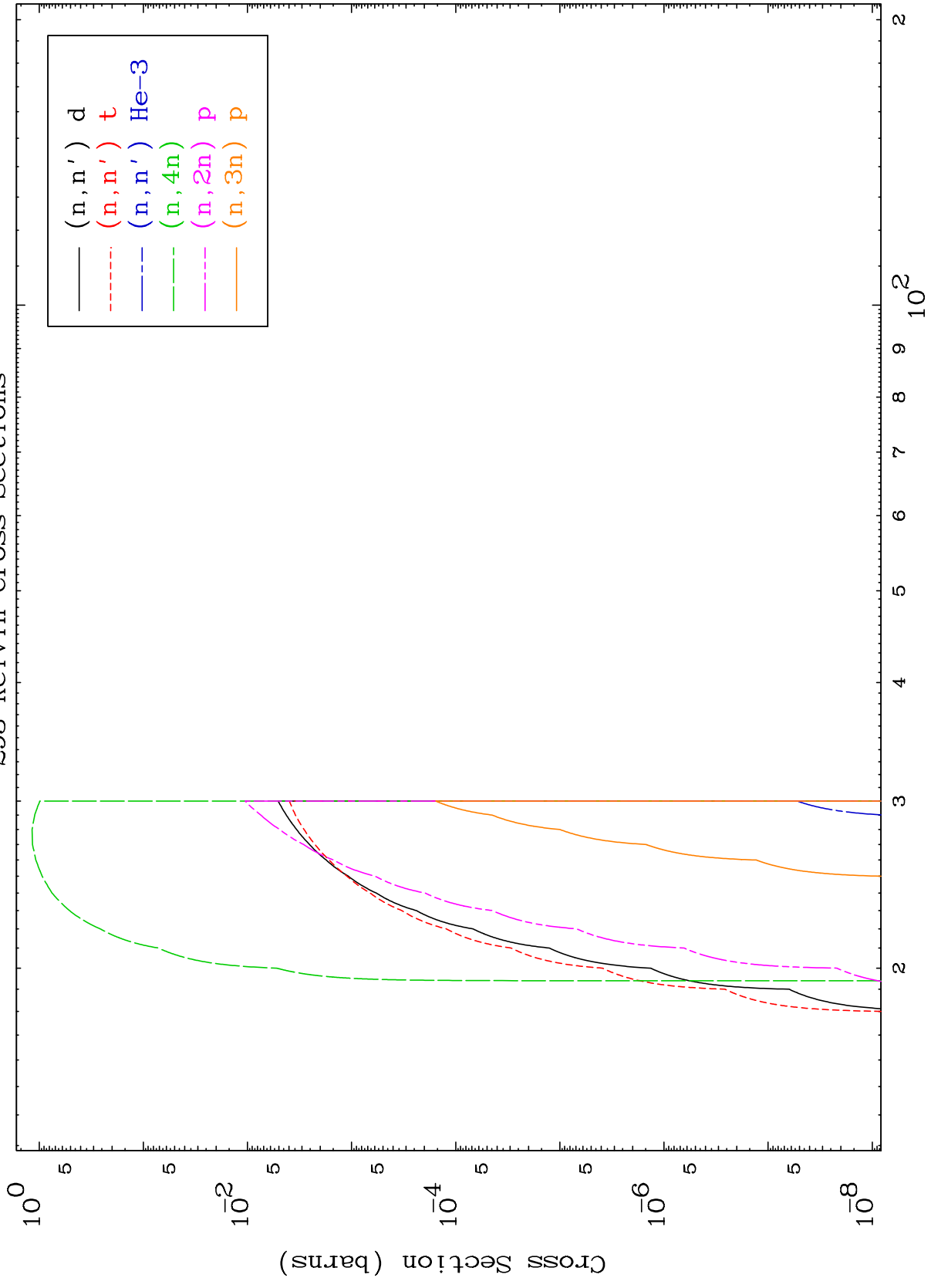
Incident Energy (MeV)

62-Sm-158

MAT 6267

Neutron Production
293 Kelvin Cross Sections

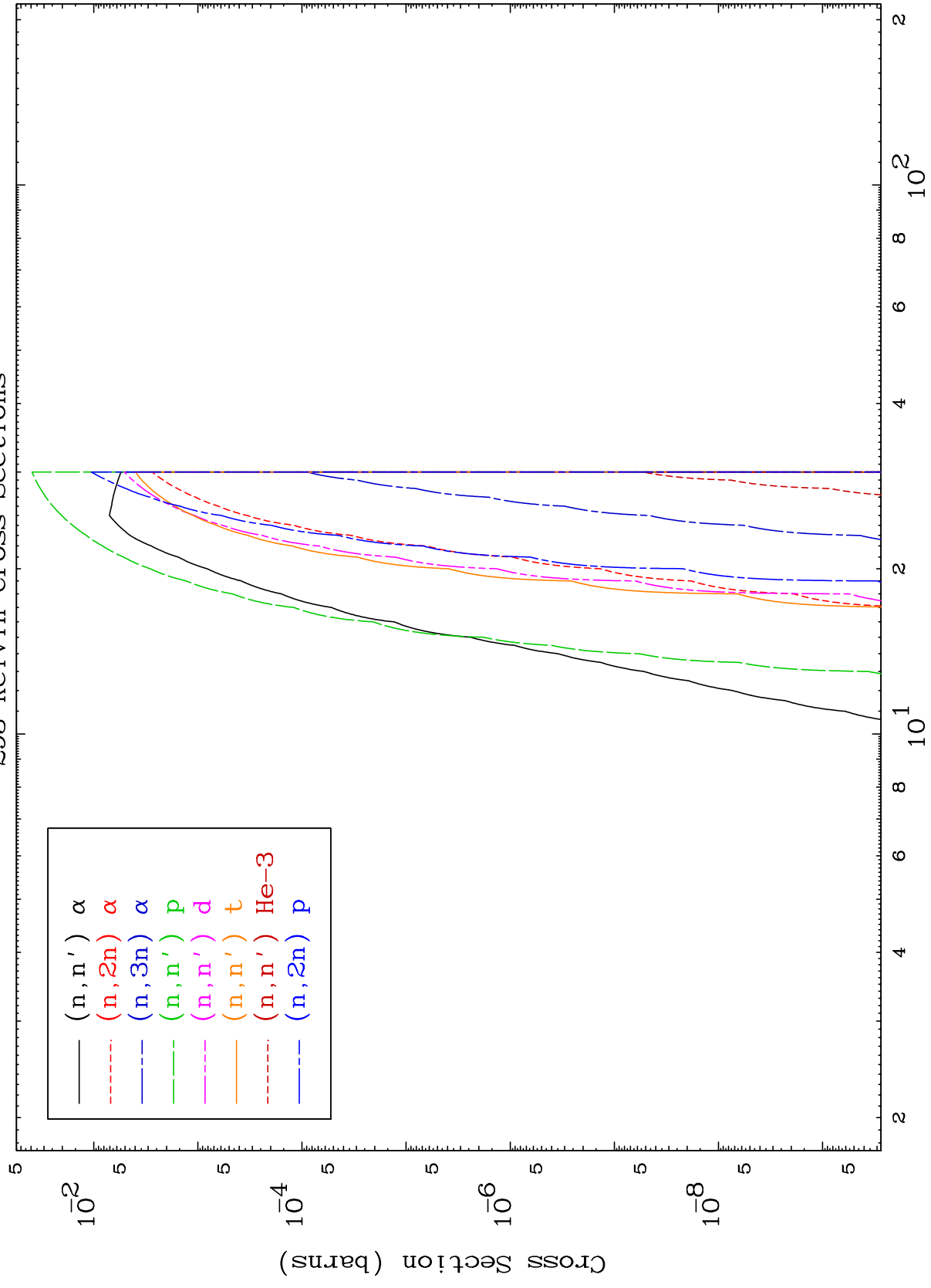
62-Sm-158



3

Incident Energy (MeV)

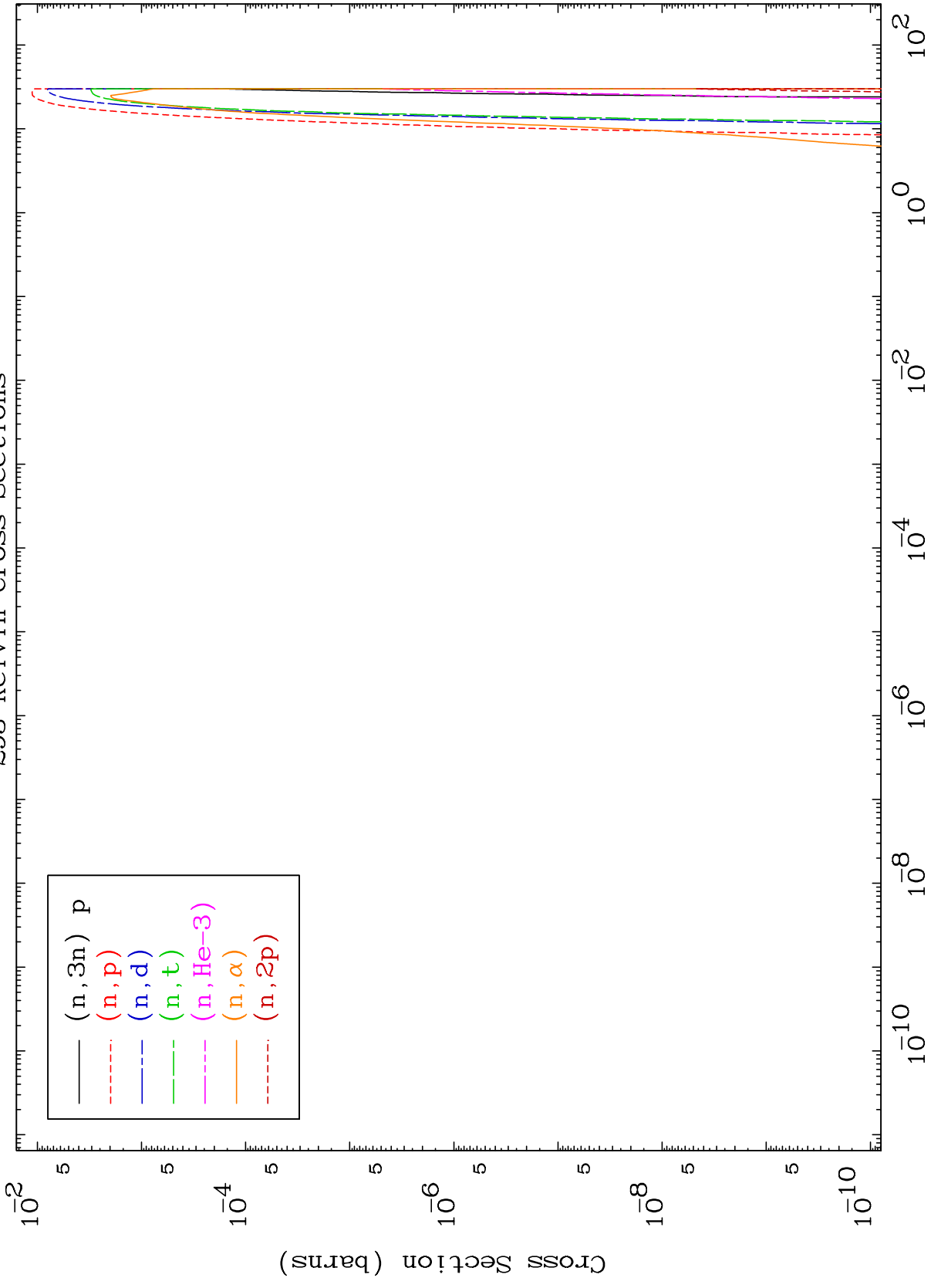
62-Sm-158



MAT 6267

293 Kelvin Cross Sections

62-Sm-158



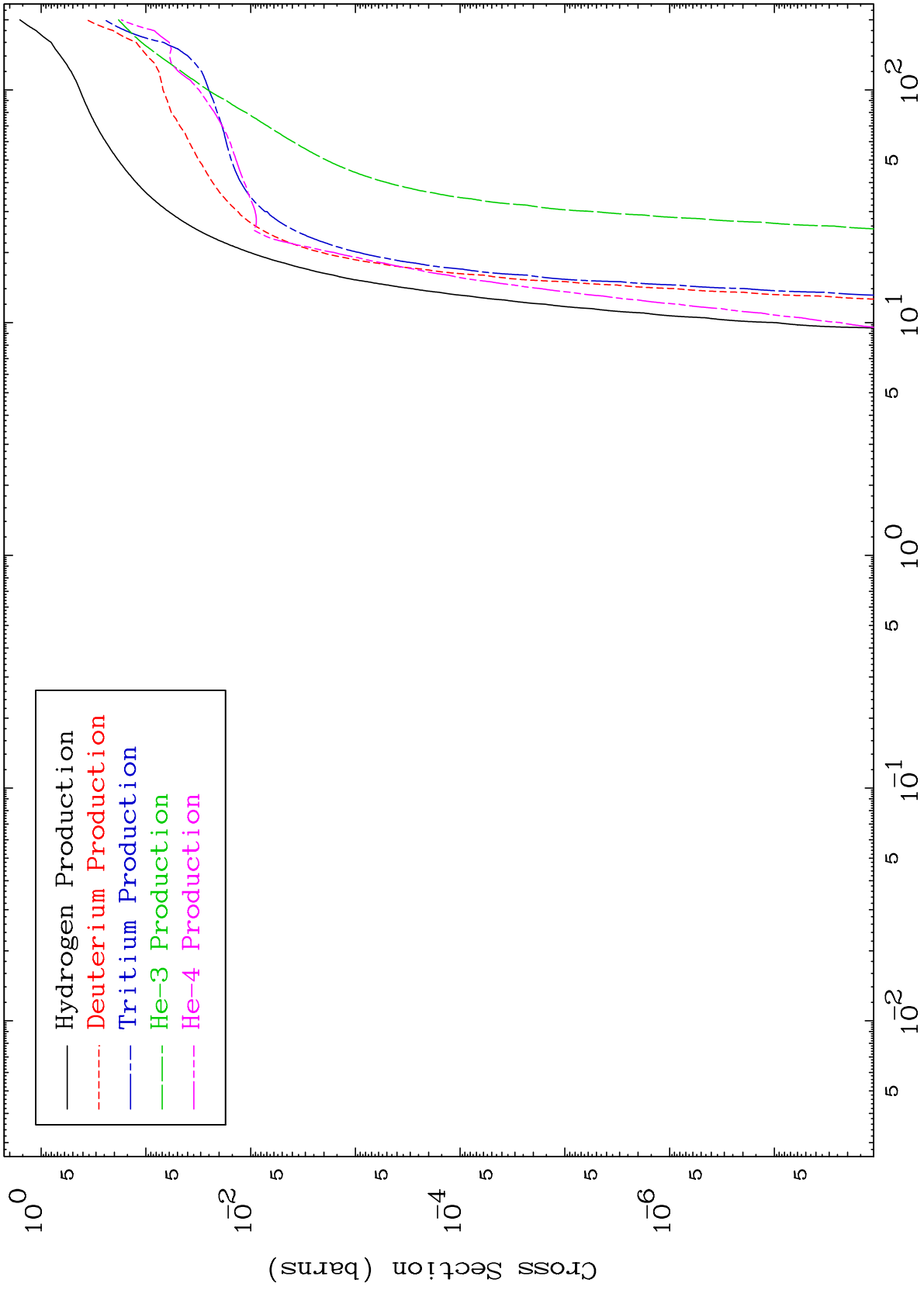
5

62-Sm-158

MAT 6267

Particle Production
293 Kelvin Cross Sections

62-Sm-158



6

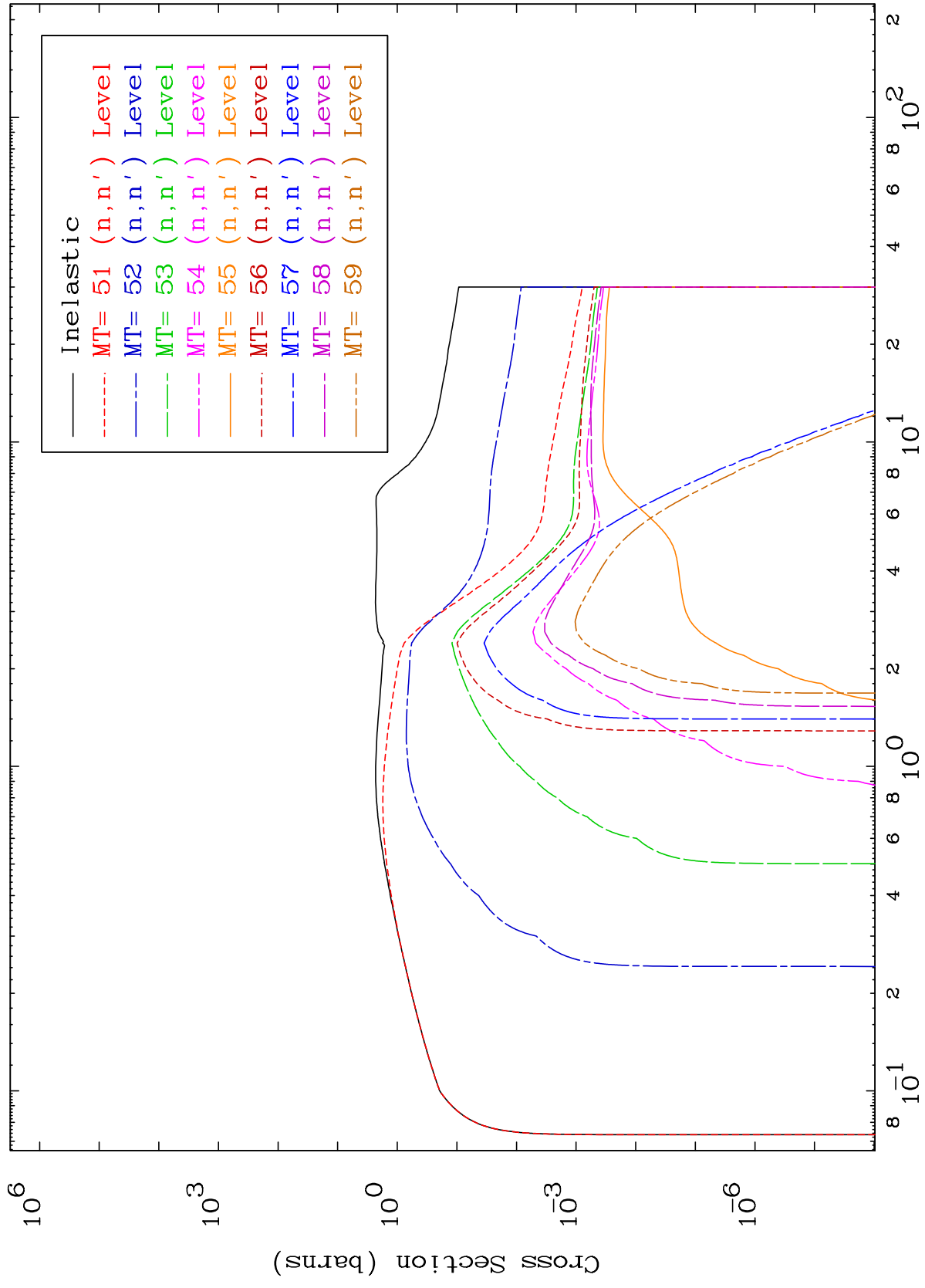
62-Sm-158

MAT 6267

(n,n') Level

62-Sm-158

293 Kelvin Cross Sections



7

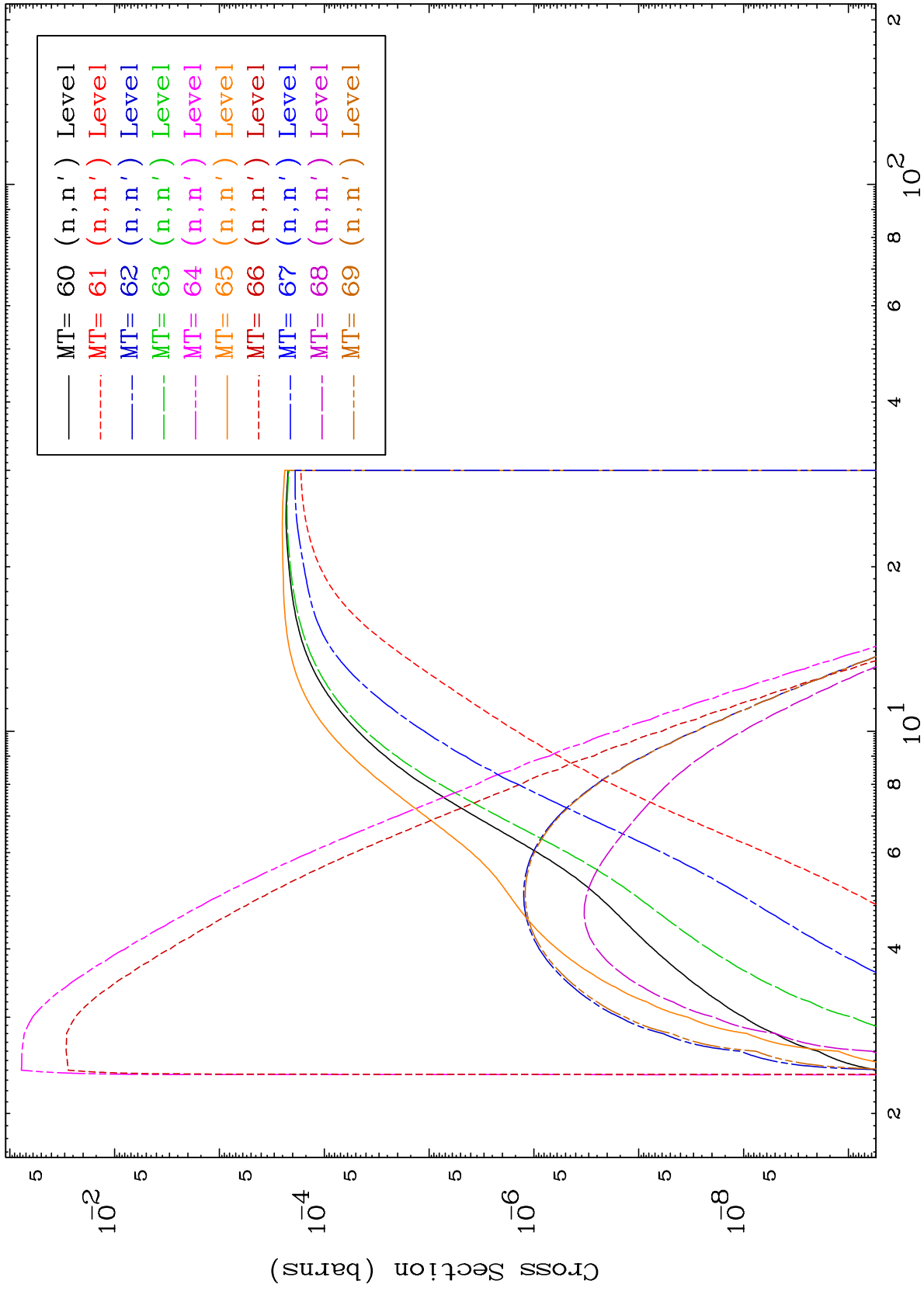
Incident Energy (MeV)

62-Sm-158

MAT 6267

(n,n') Level
293 Kelvin Cross Sections

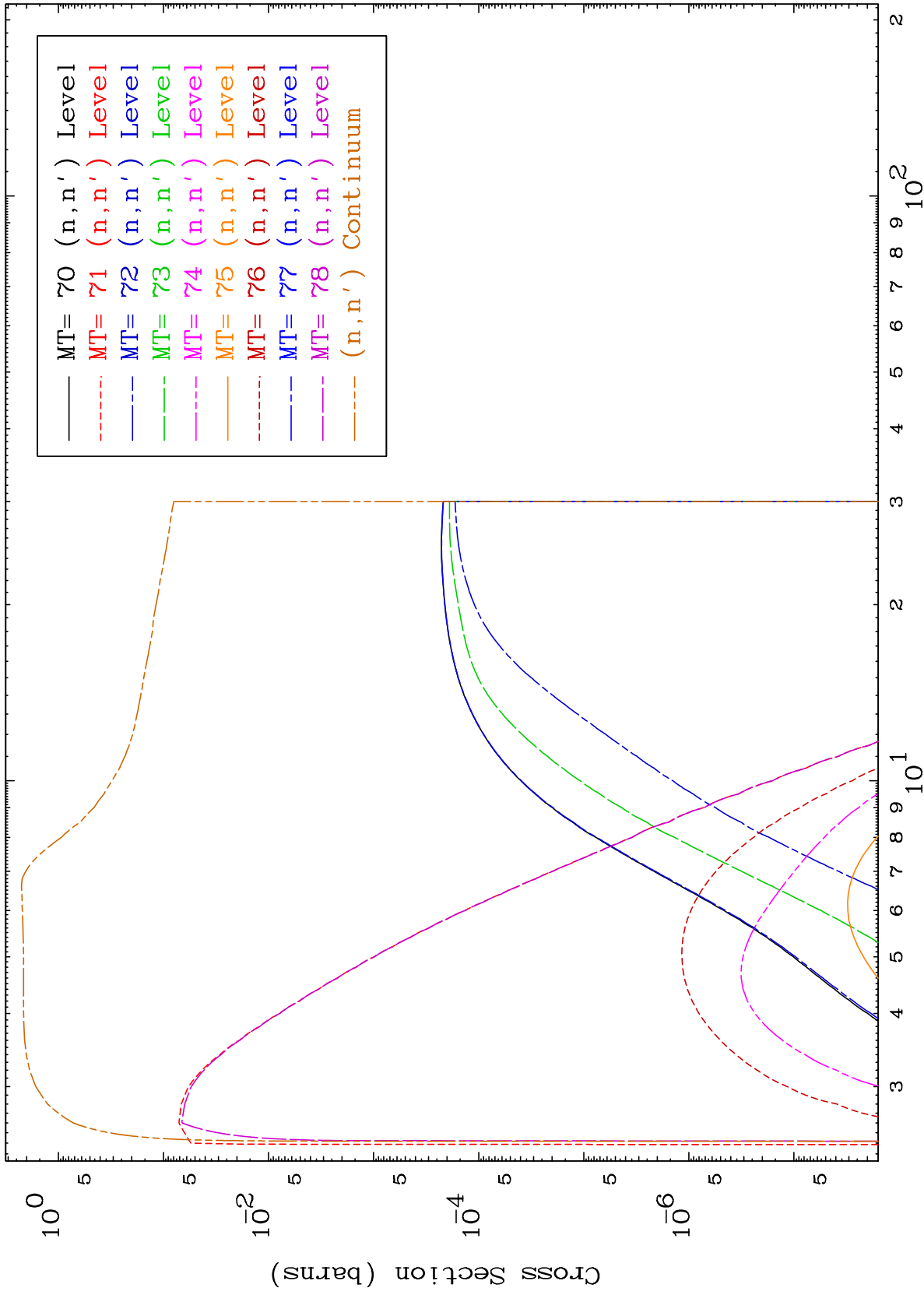
62-Sm-158



8

Incident Energy (MeV)

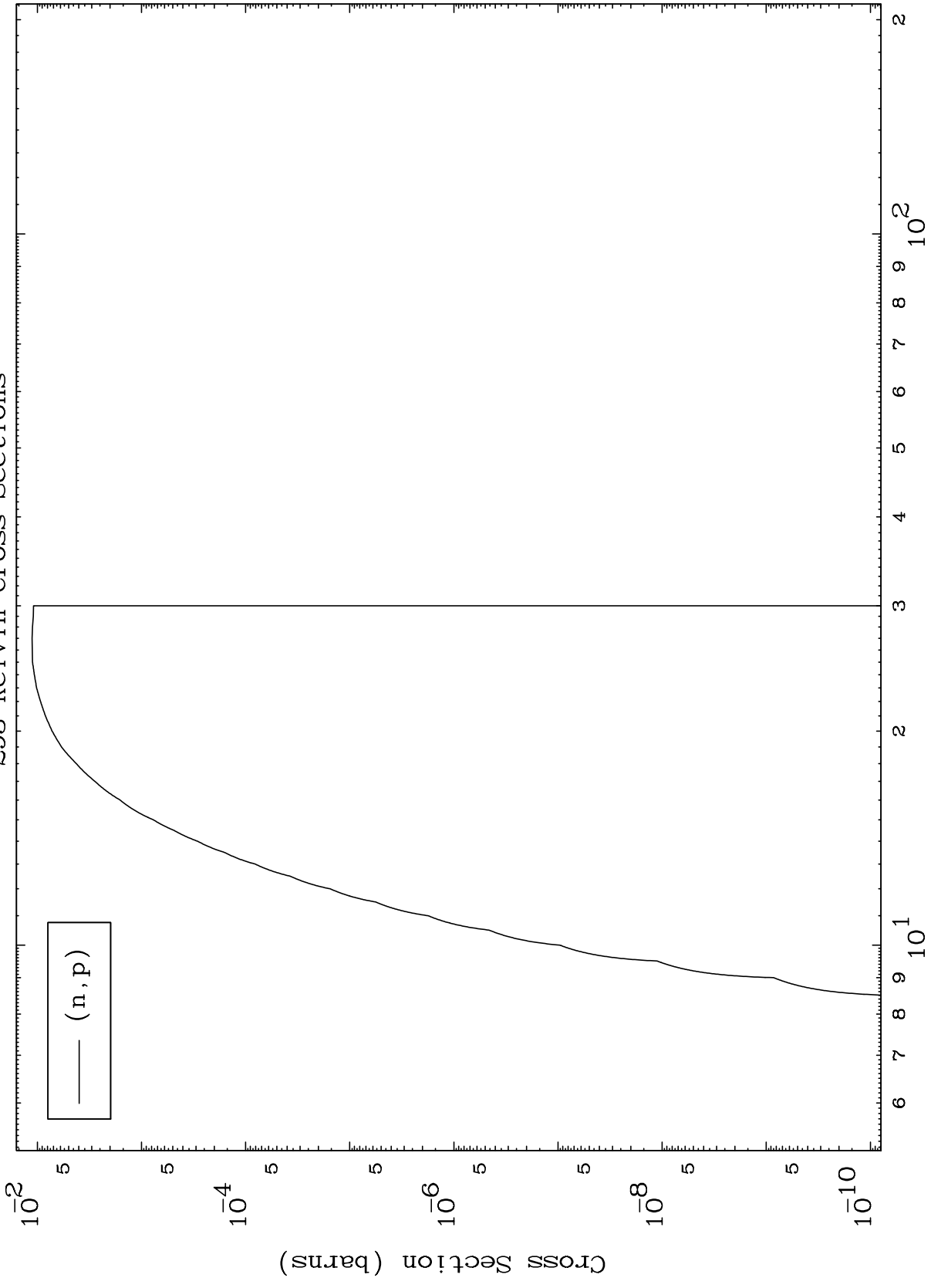
62-Sm-158



MAT 6267

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-158



10

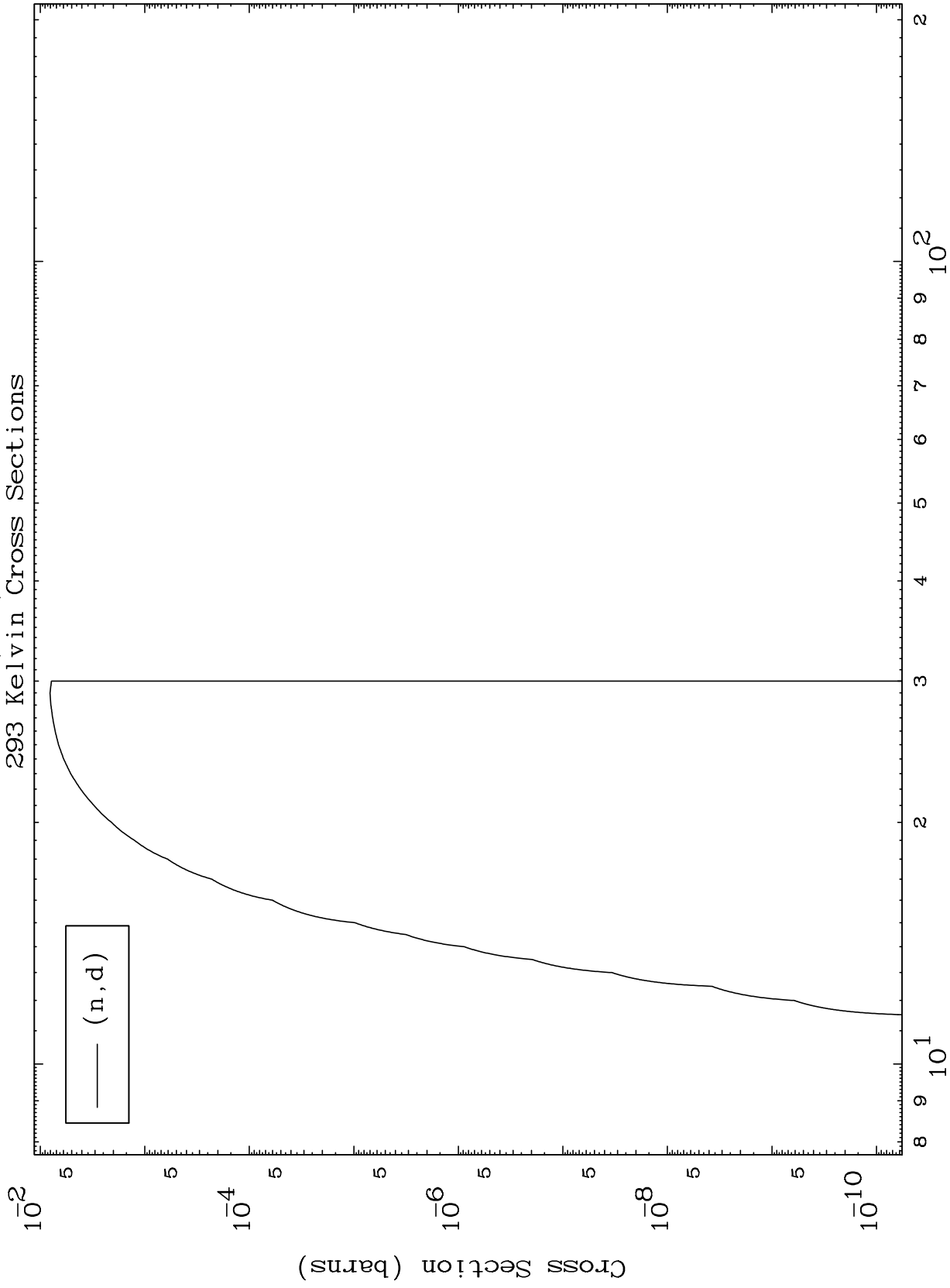
Incident Energy (MeV)

62-Sm-158

MAT 6267

62-Sm-158

(n,d) Levels
293 Kelvin Cross Sections



11

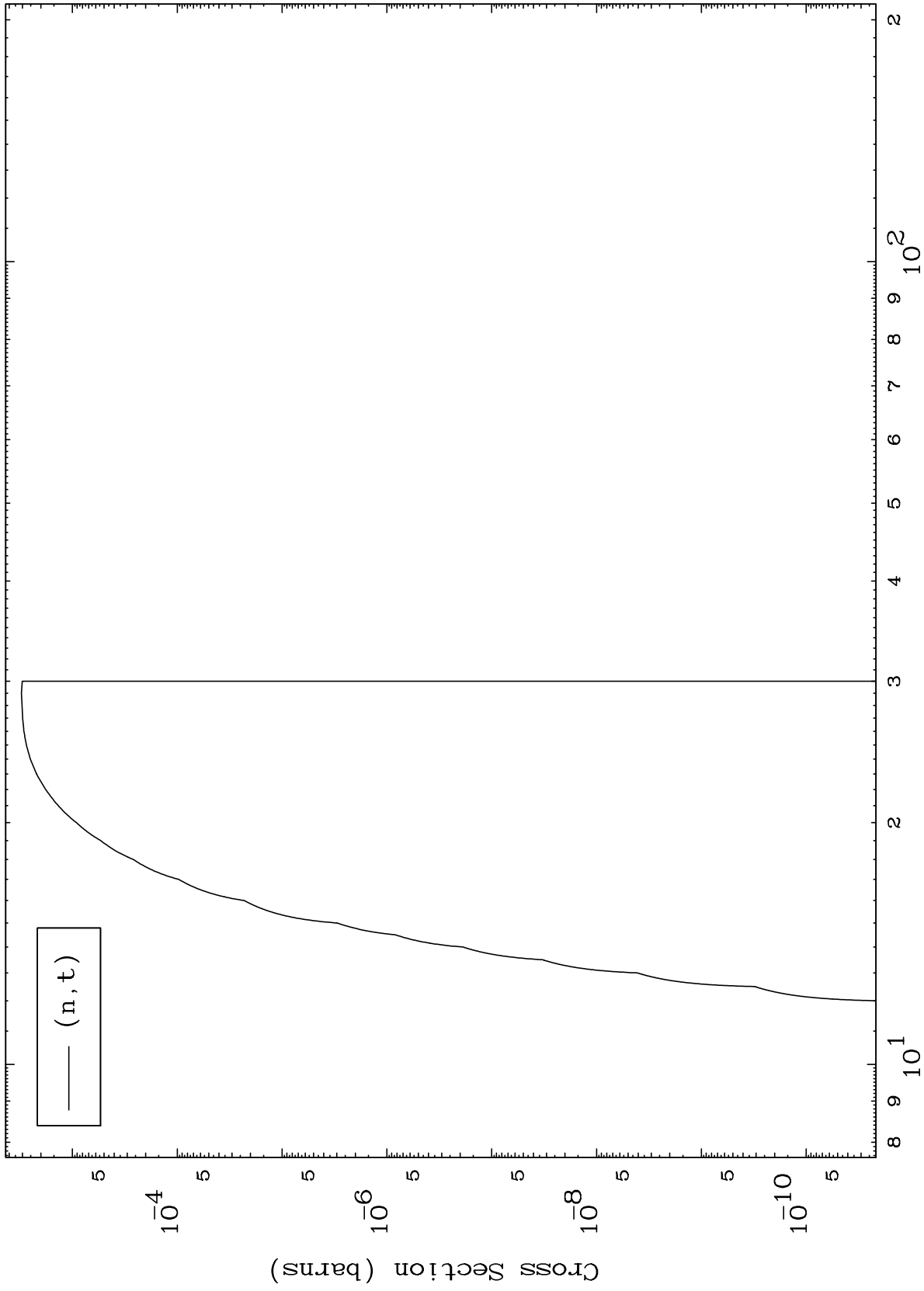
Incident Energy (MeV)

62-Sm-158

MAT 6267

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-158



12

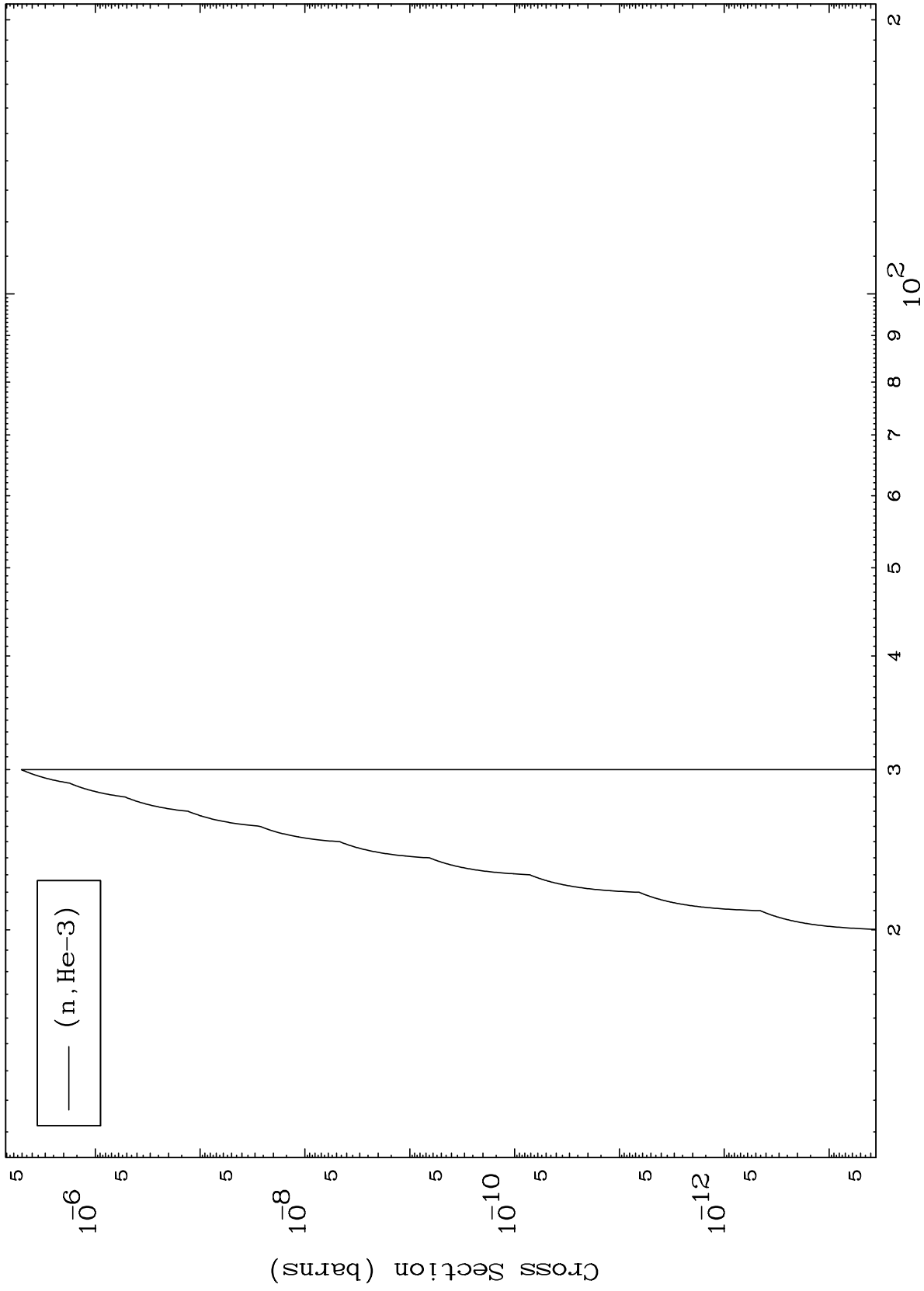
Incident Energy (MeV)

62-Sm-158

MAT 6267

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-158



13

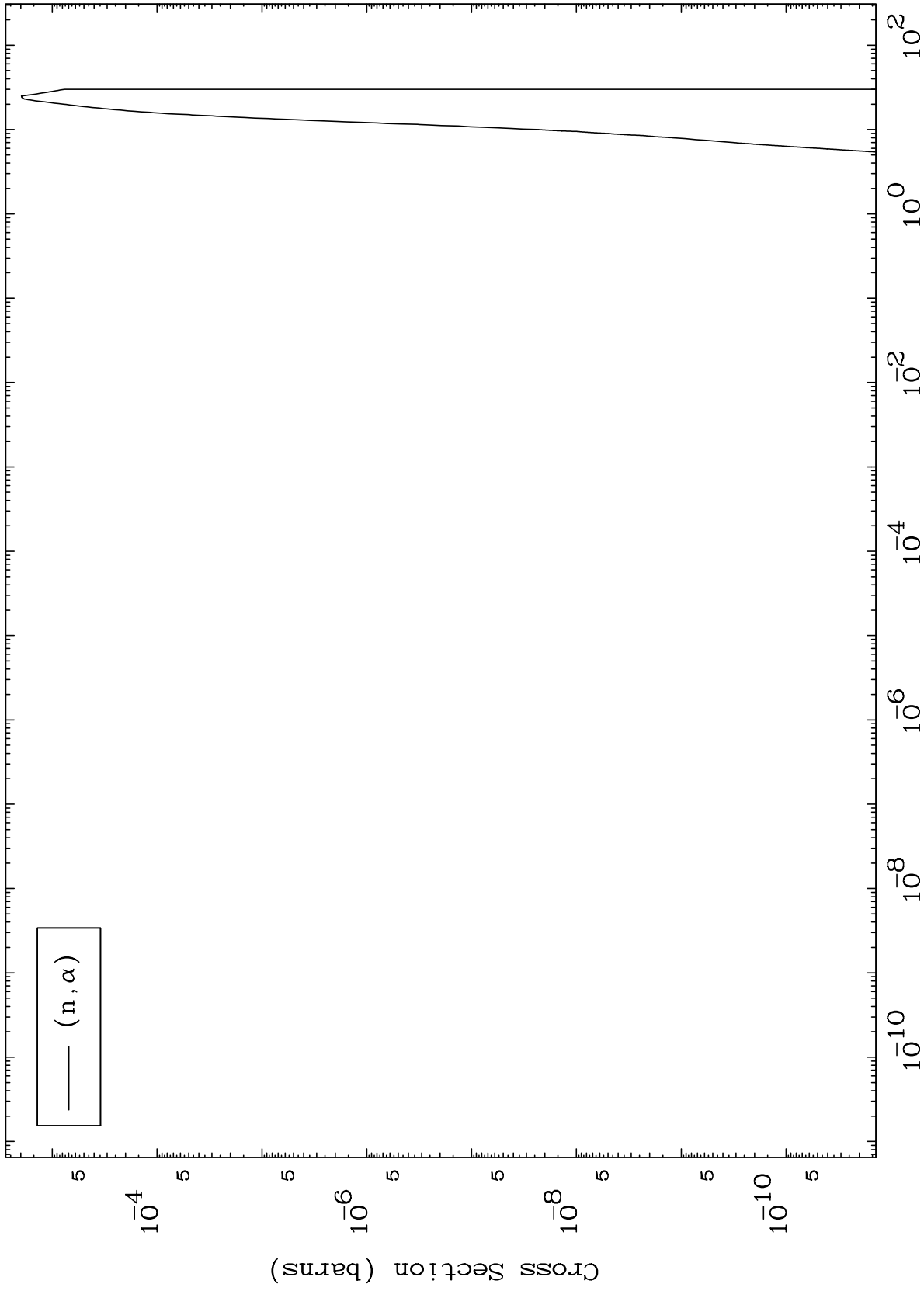
Incident Energy (MeV)

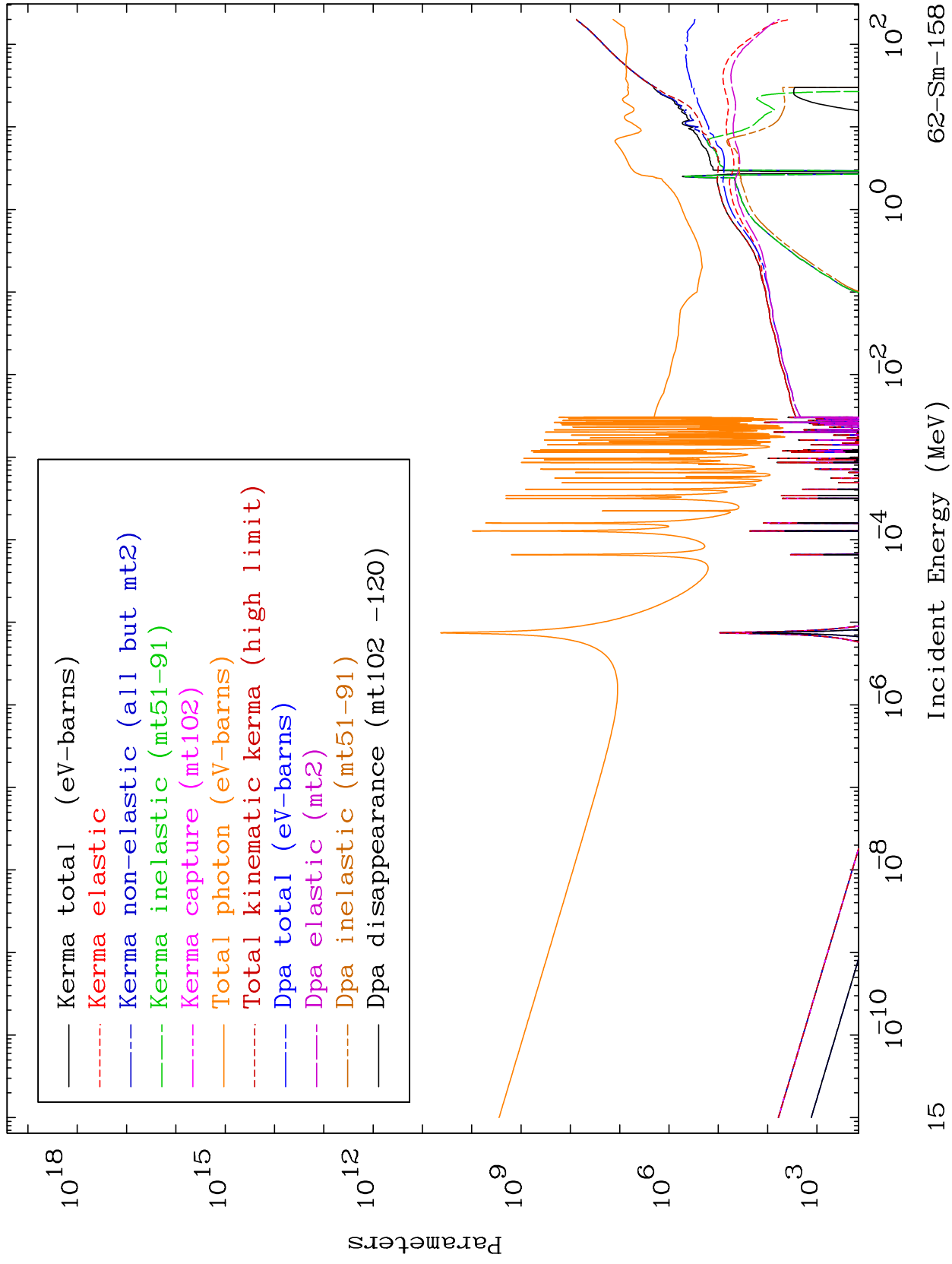
62-Sm-158

MAT 6267

(n,α) Levels
293 Kelvin Cross Sections

62-Sm-158

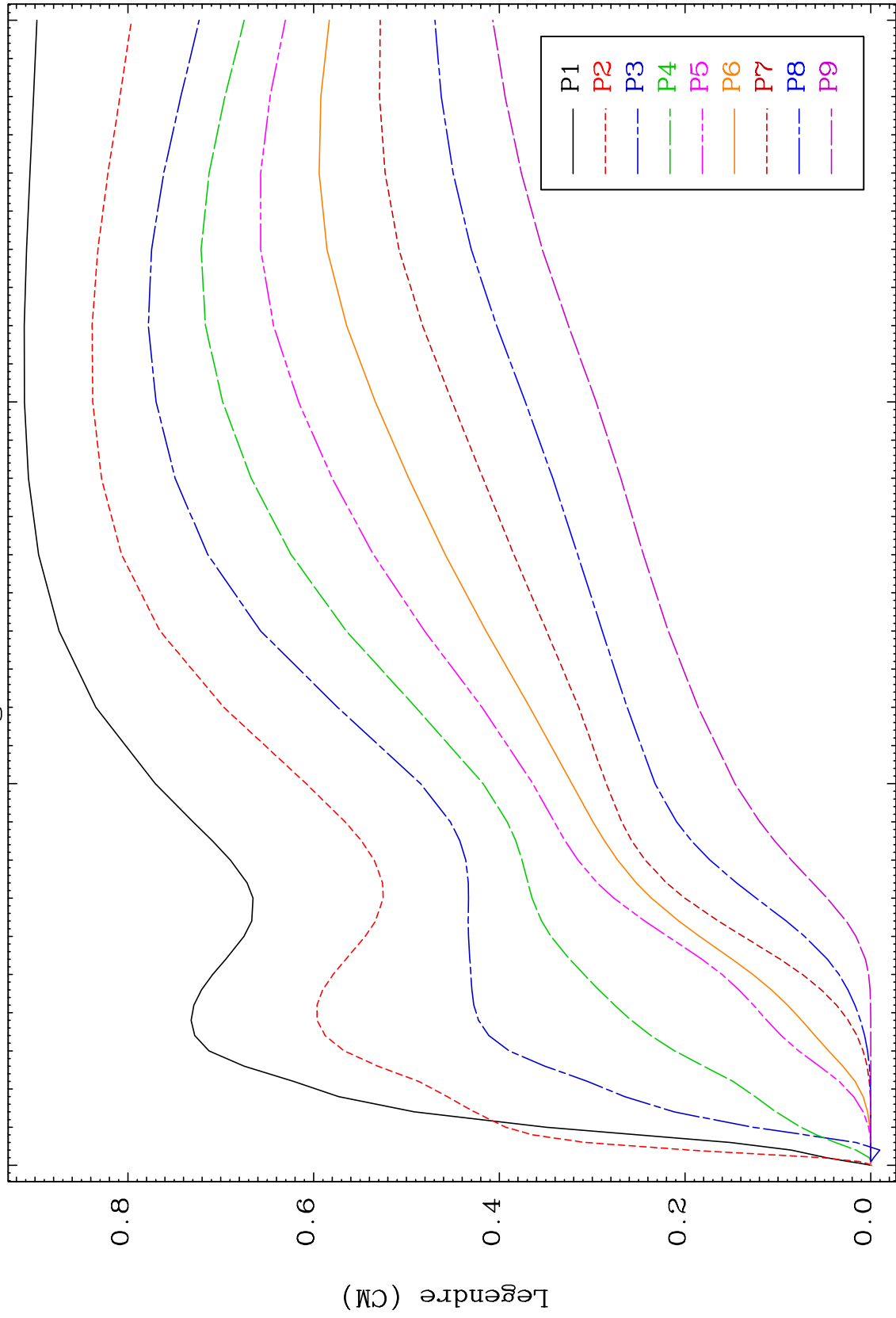




MAT 6267

Elastic Legendre Coefficients

62-Sm-158



16

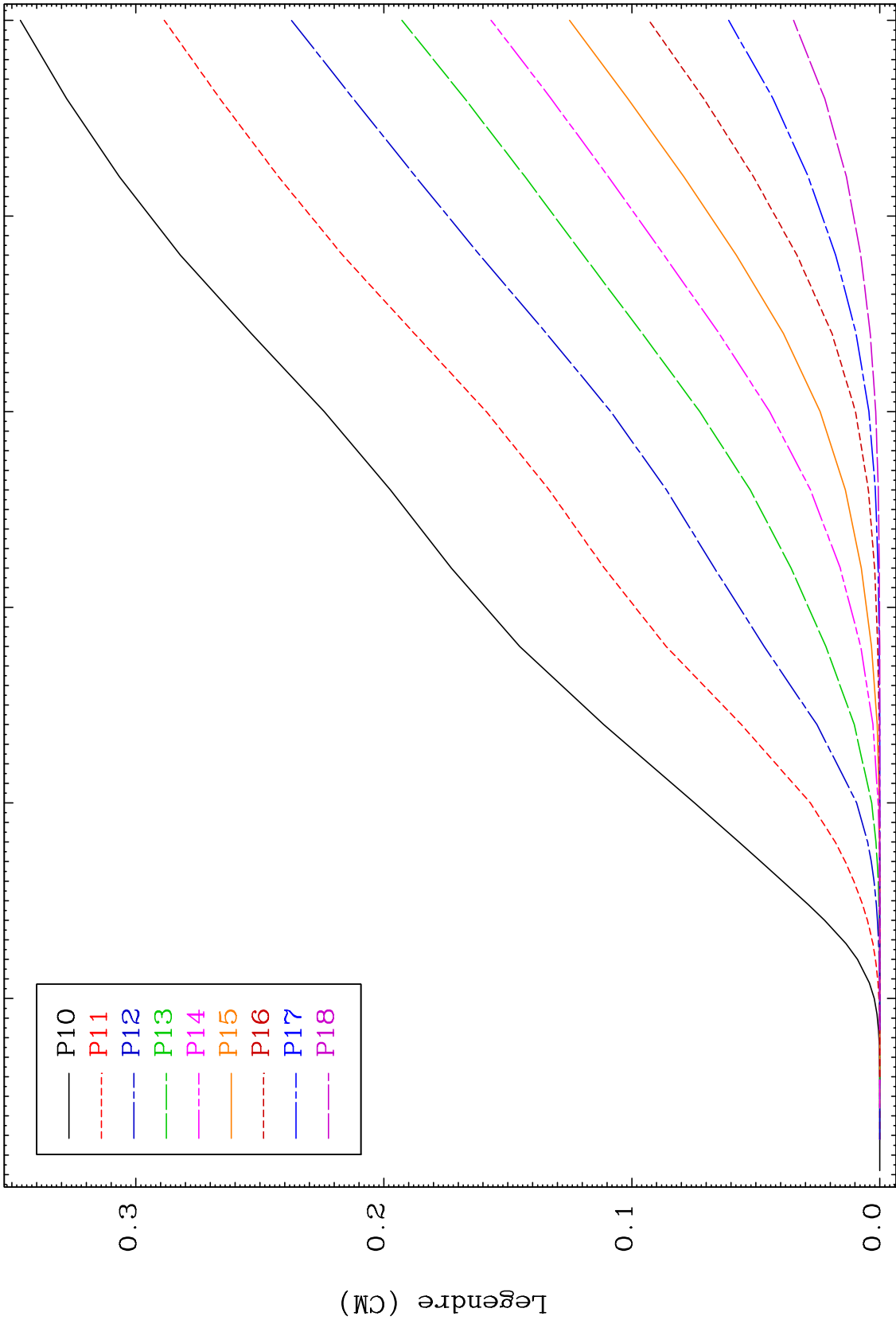
Incident Energy (MeV)

62-Sm-158

MAT 6267

Elastic Legendre Coefficients

62-Sm-158



17

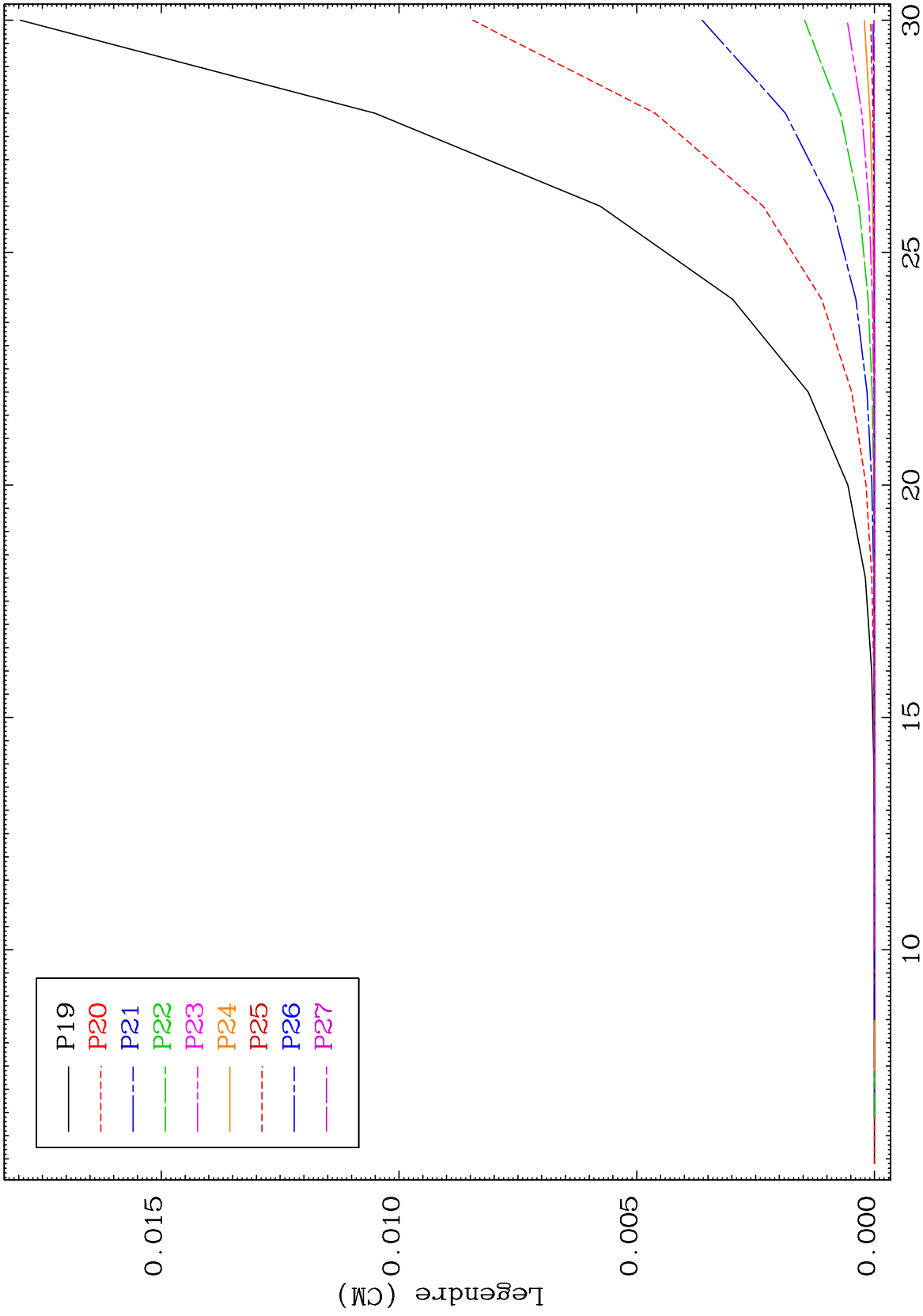
Incident Energy (MeV)

62-Sm-158

MAT 6267

Elastic Legendre Coefficients

62-Sm-158



18

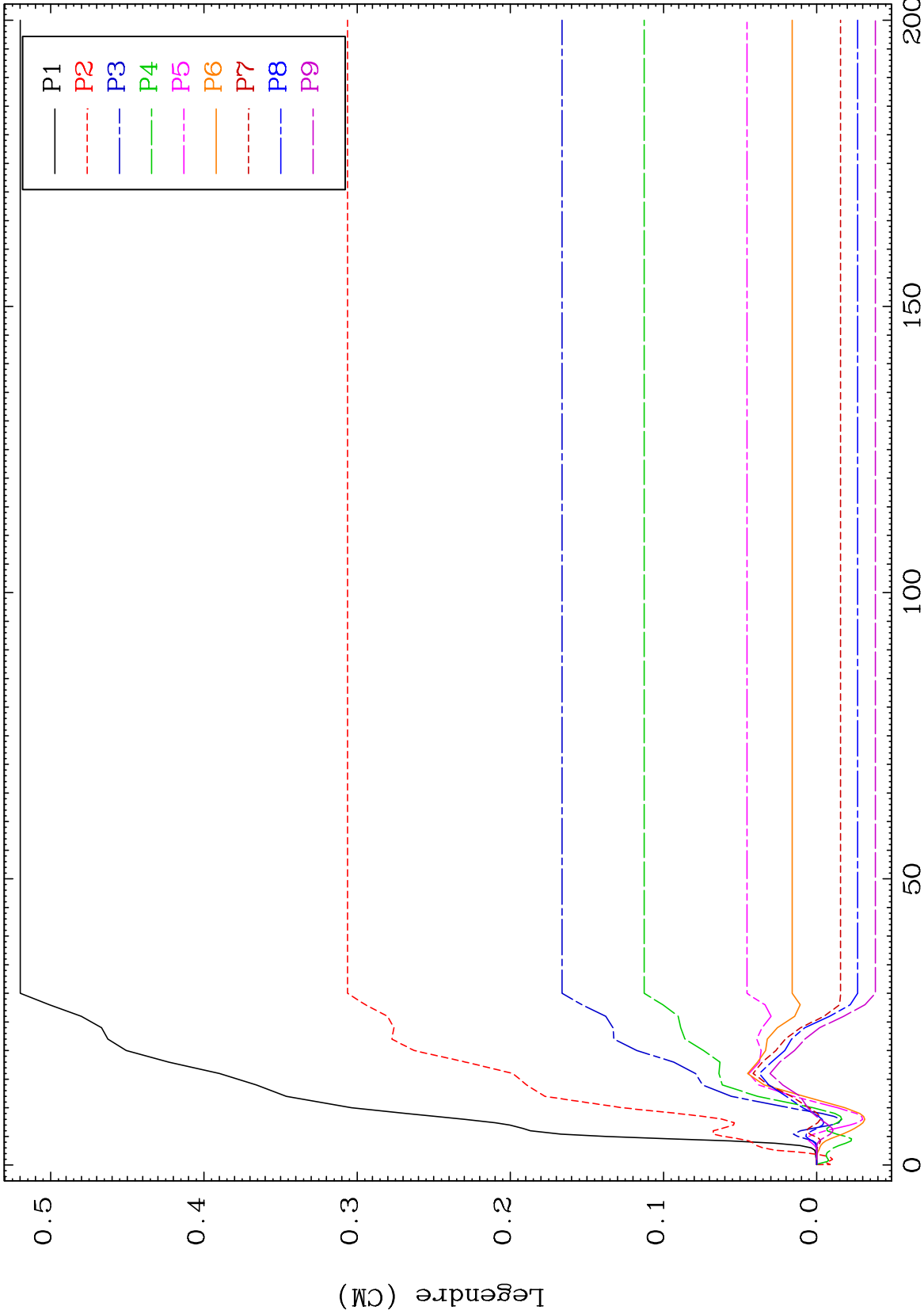
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



20

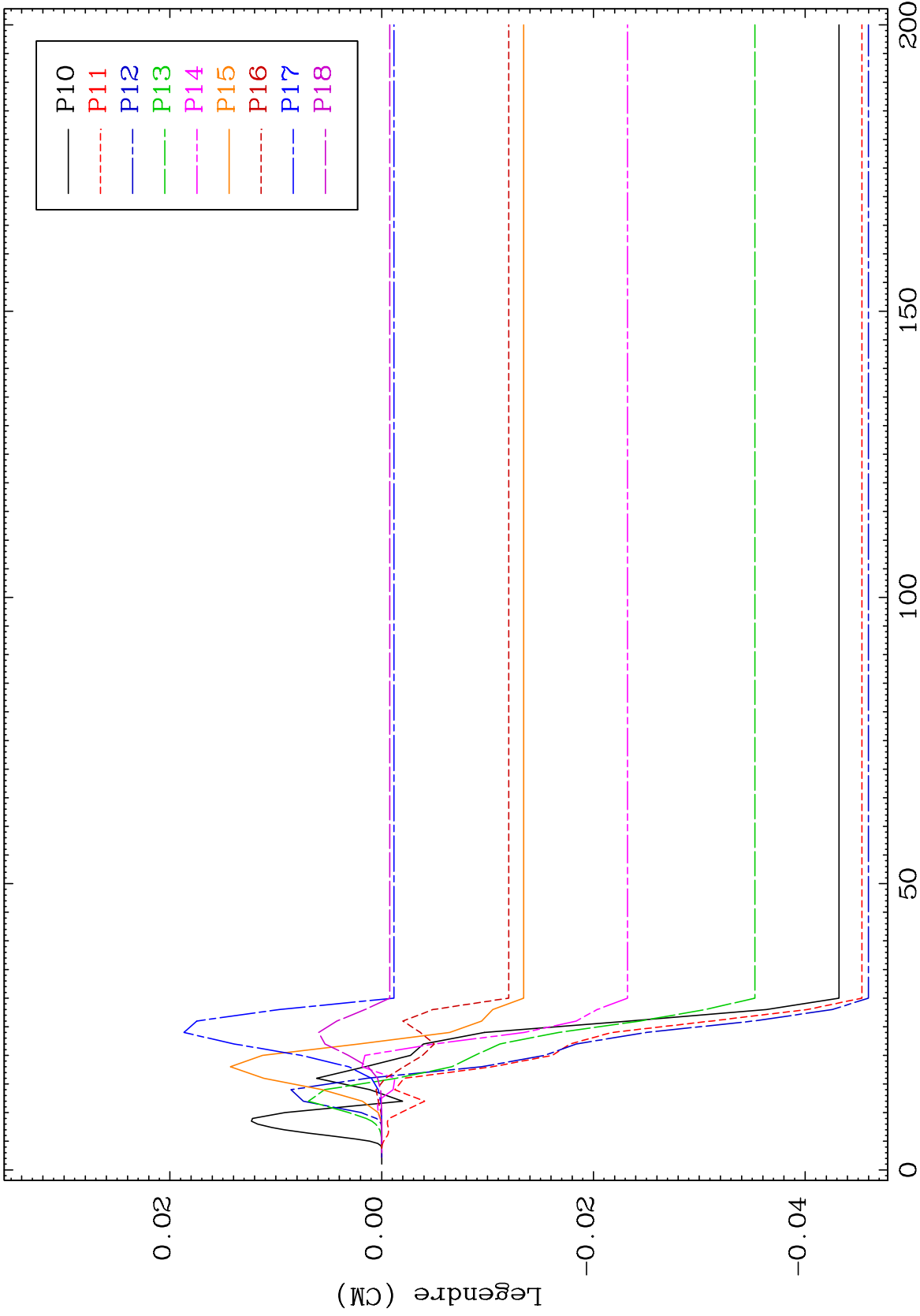
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



21

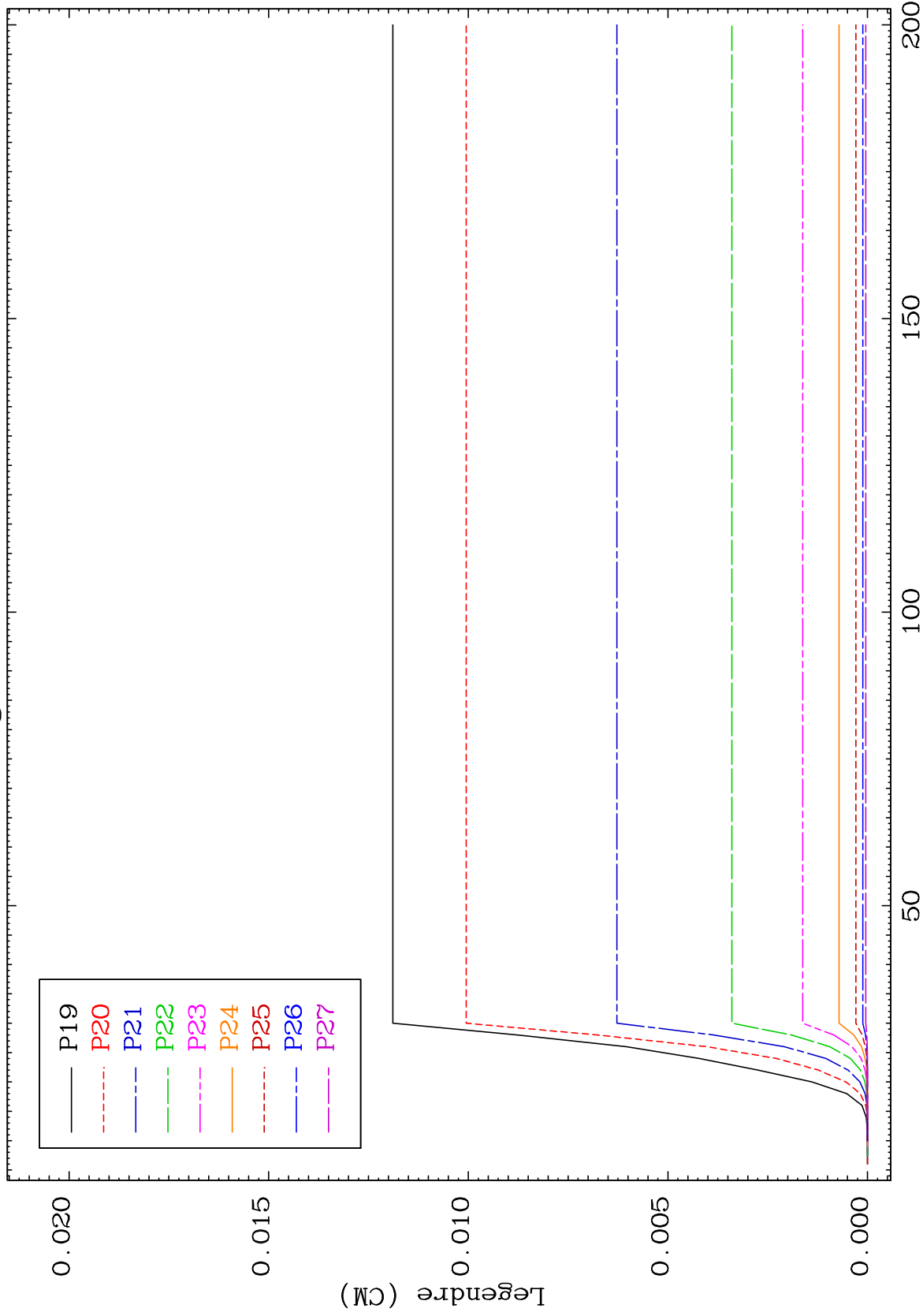
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



22

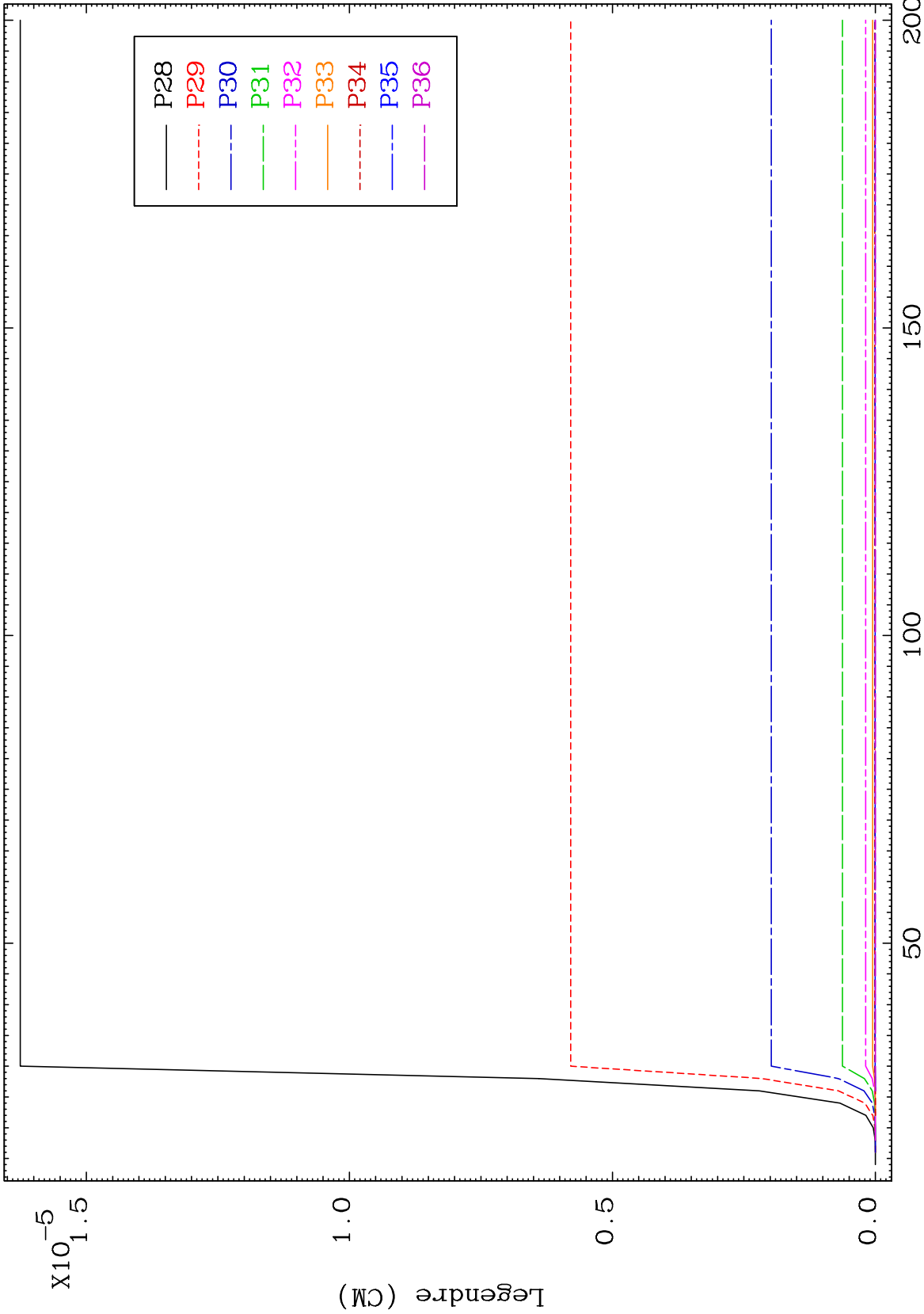
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



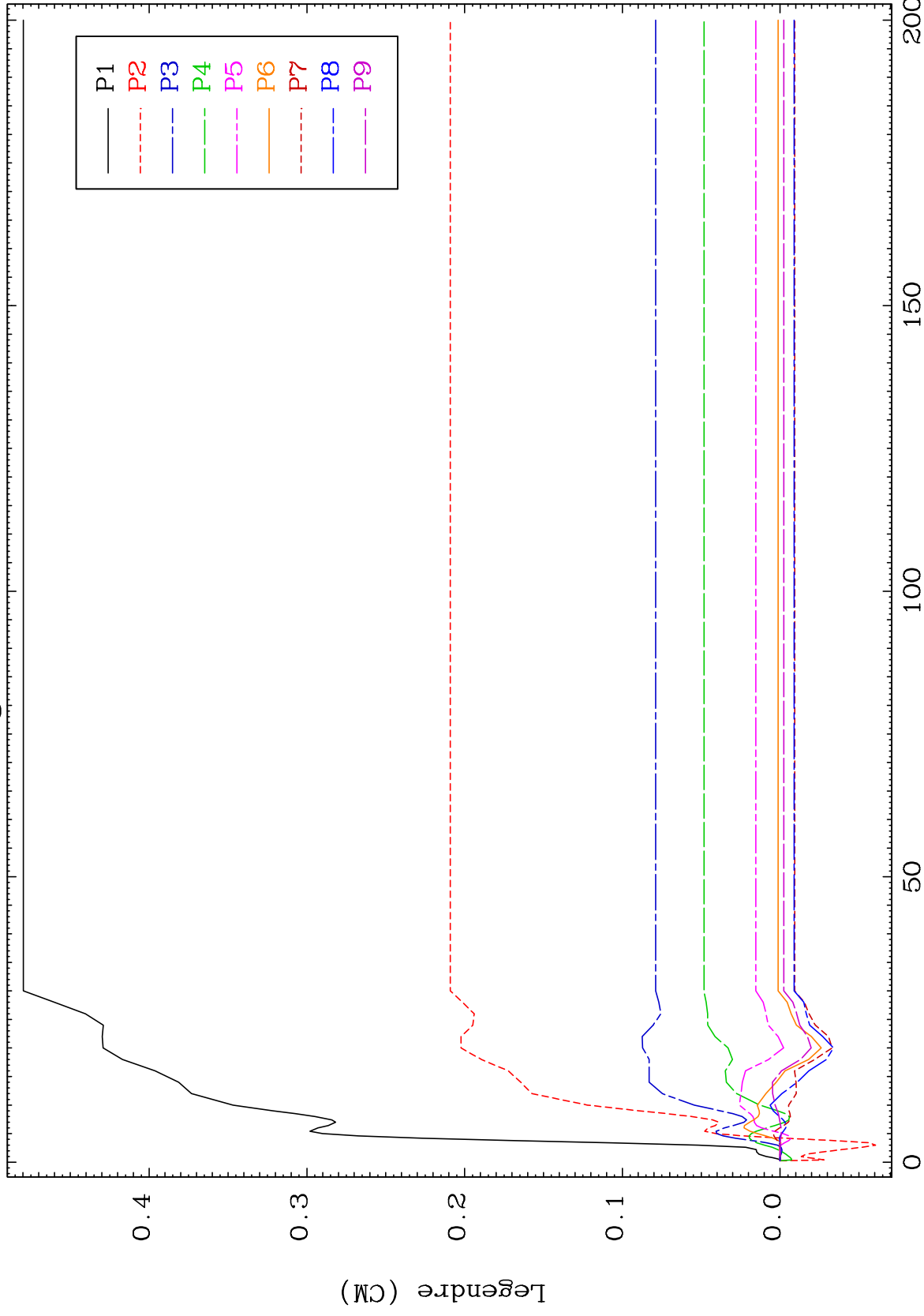
23

62-Sm-158

MAT 6267

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

62-Sm-158



24

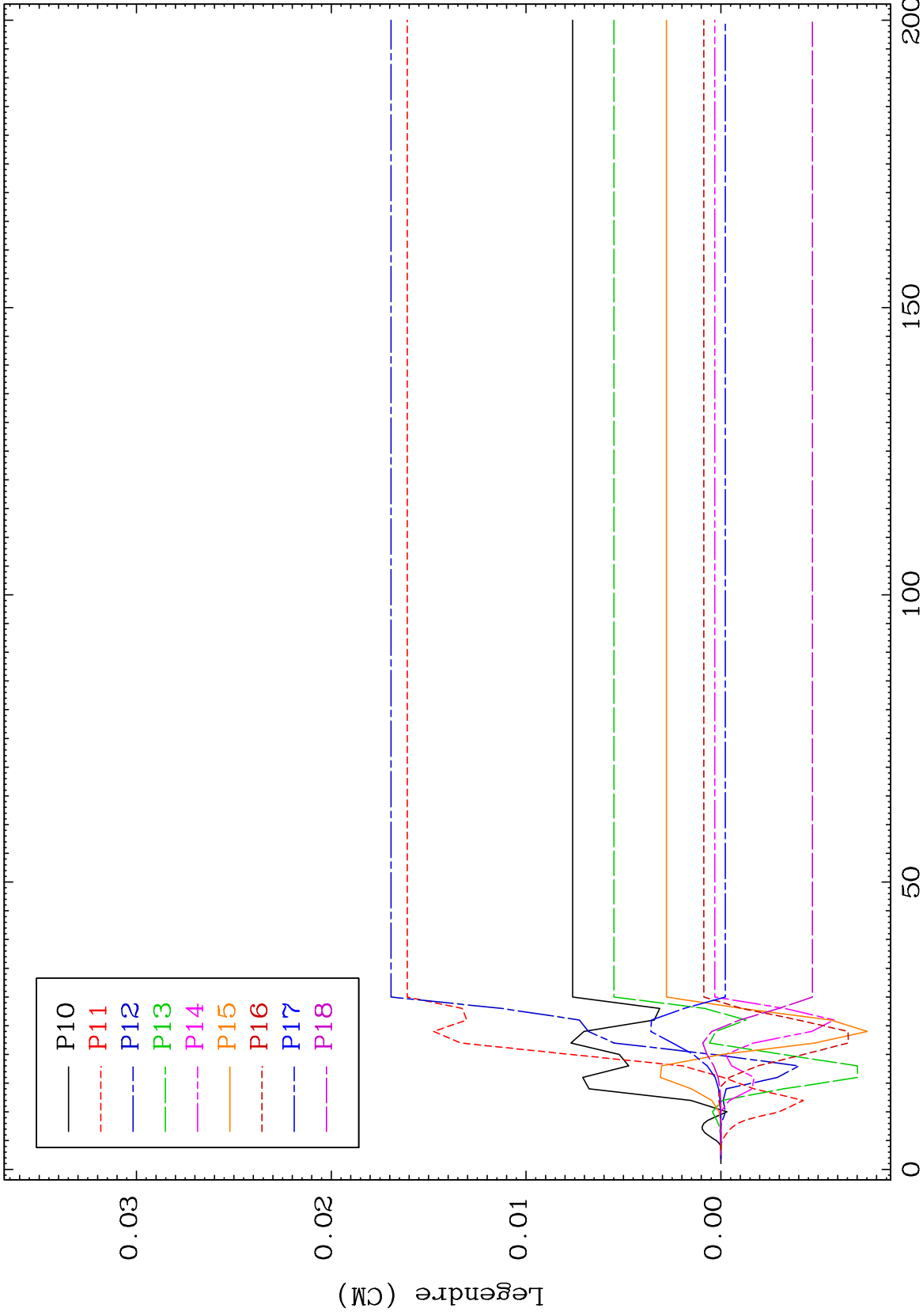
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

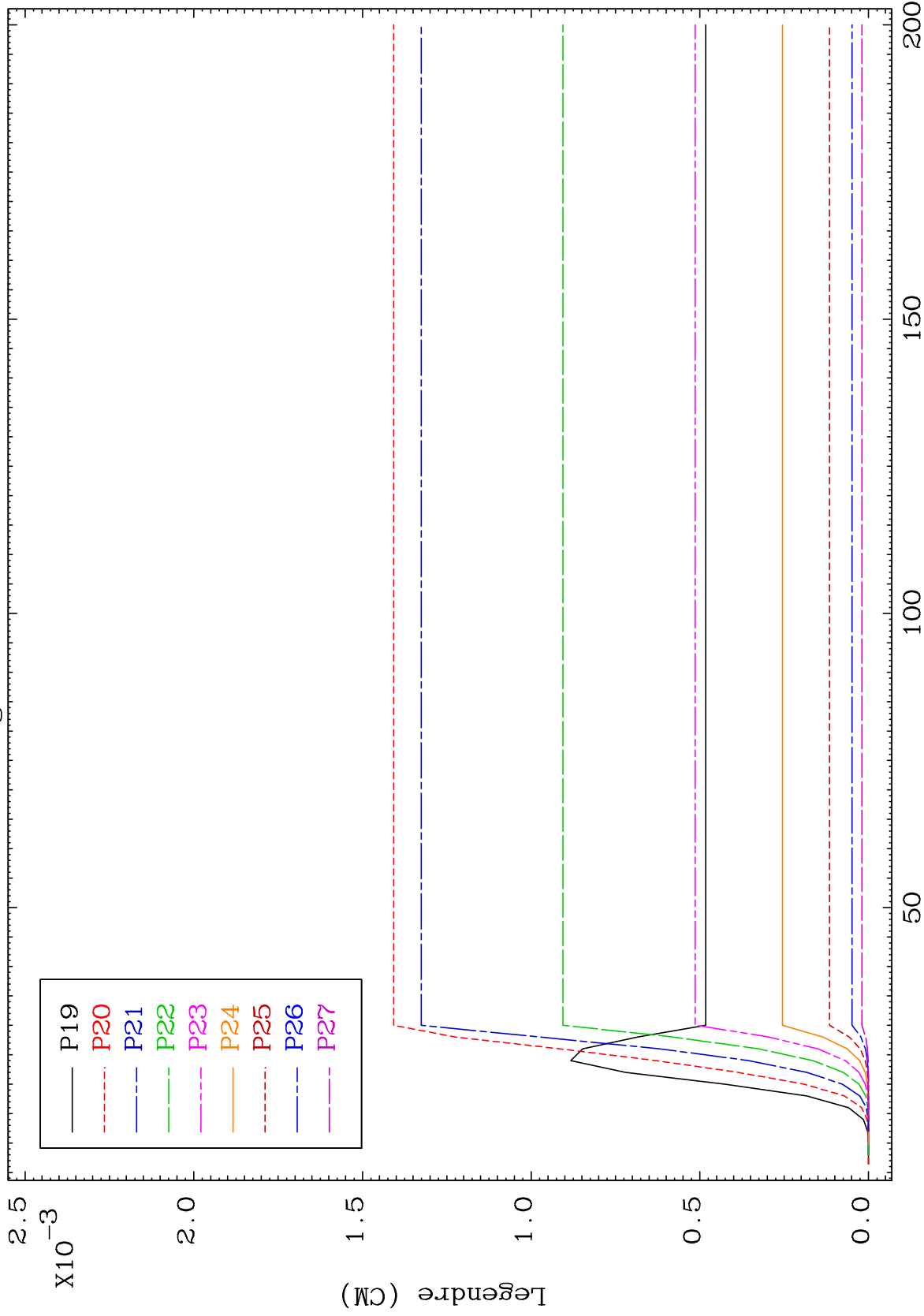
62-Sm-158



25

Incident Energy (MeV)

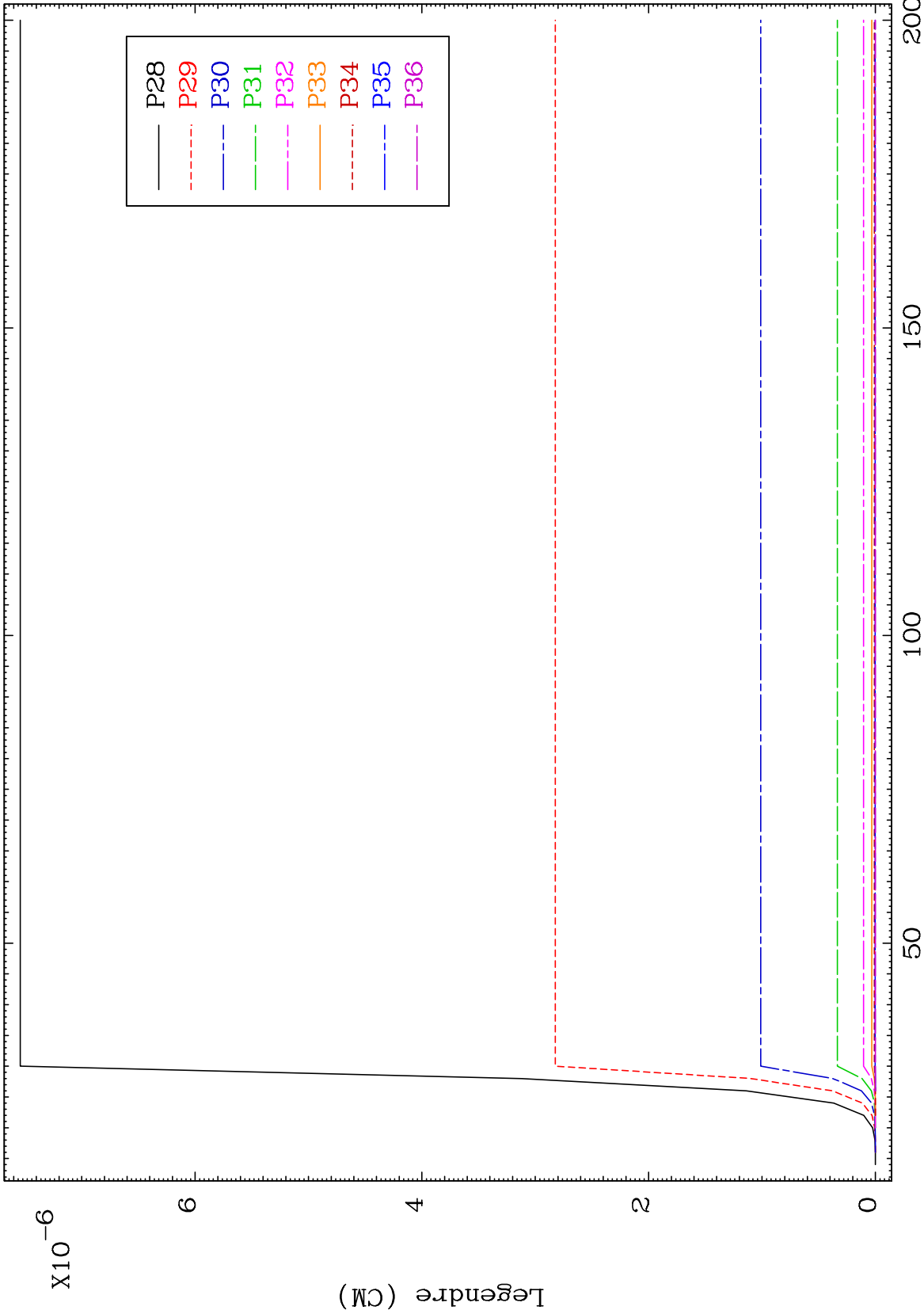
62-Sm-158



MAT 6267

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

62-Sm-158



27

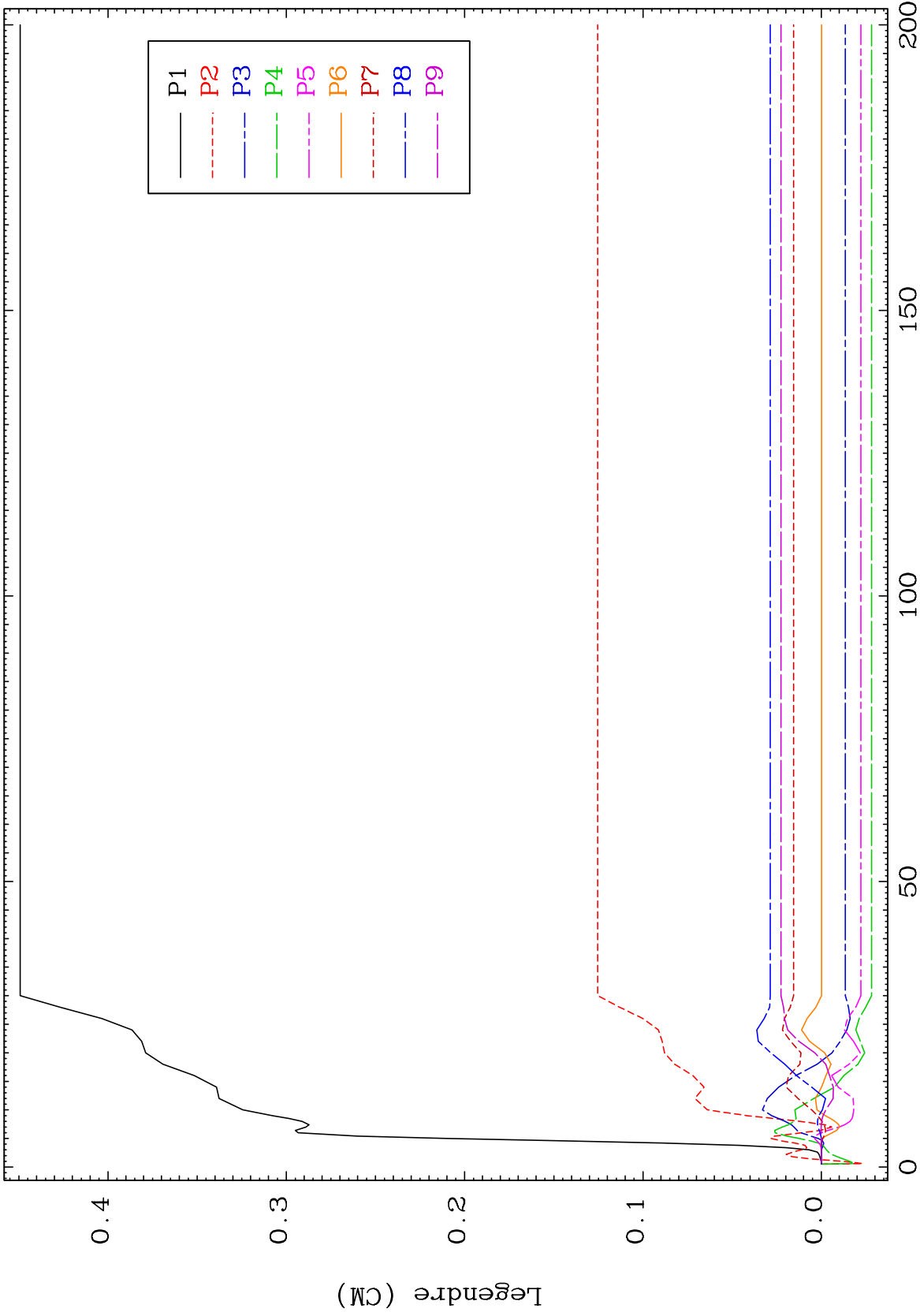
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



28

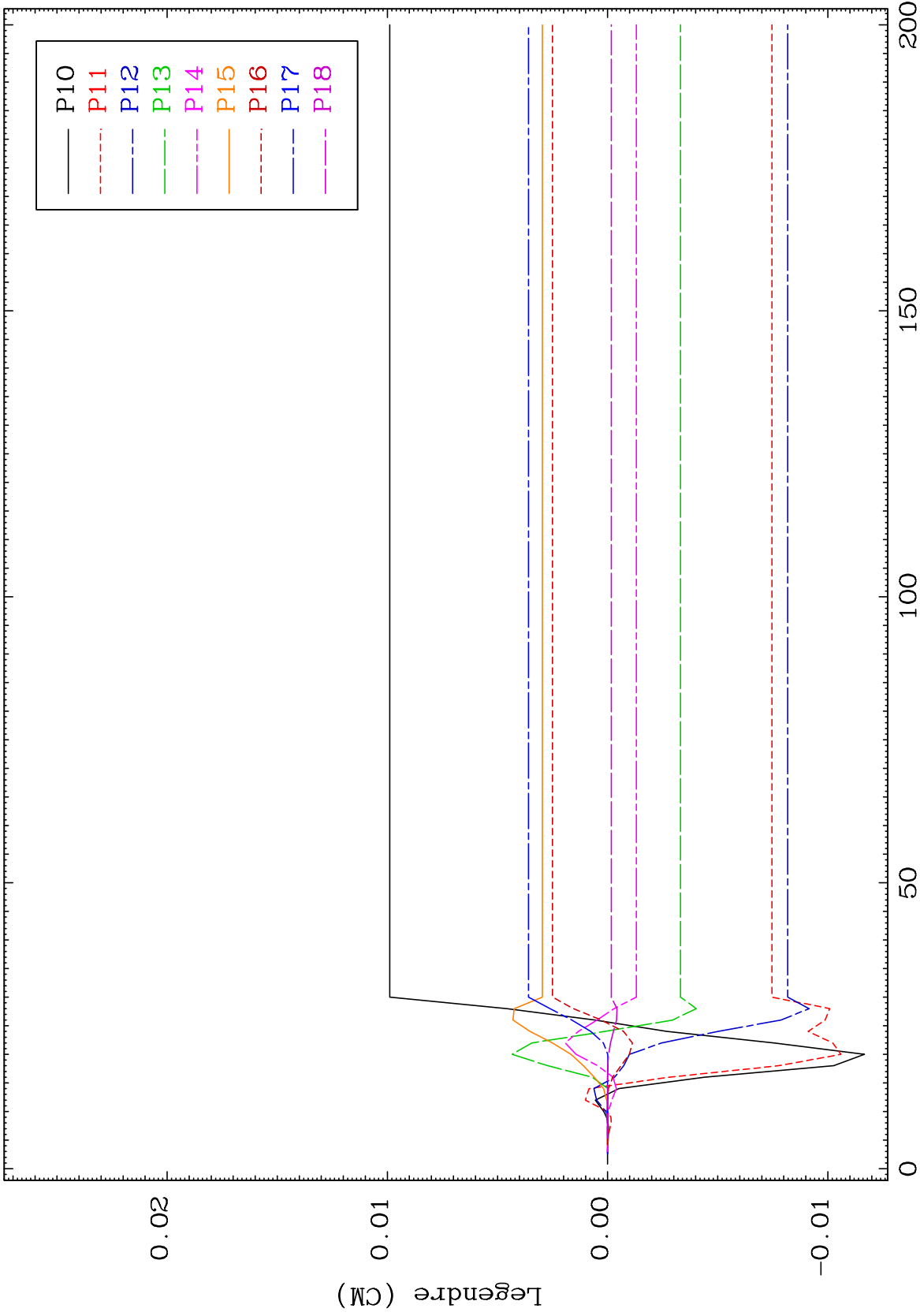
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



29

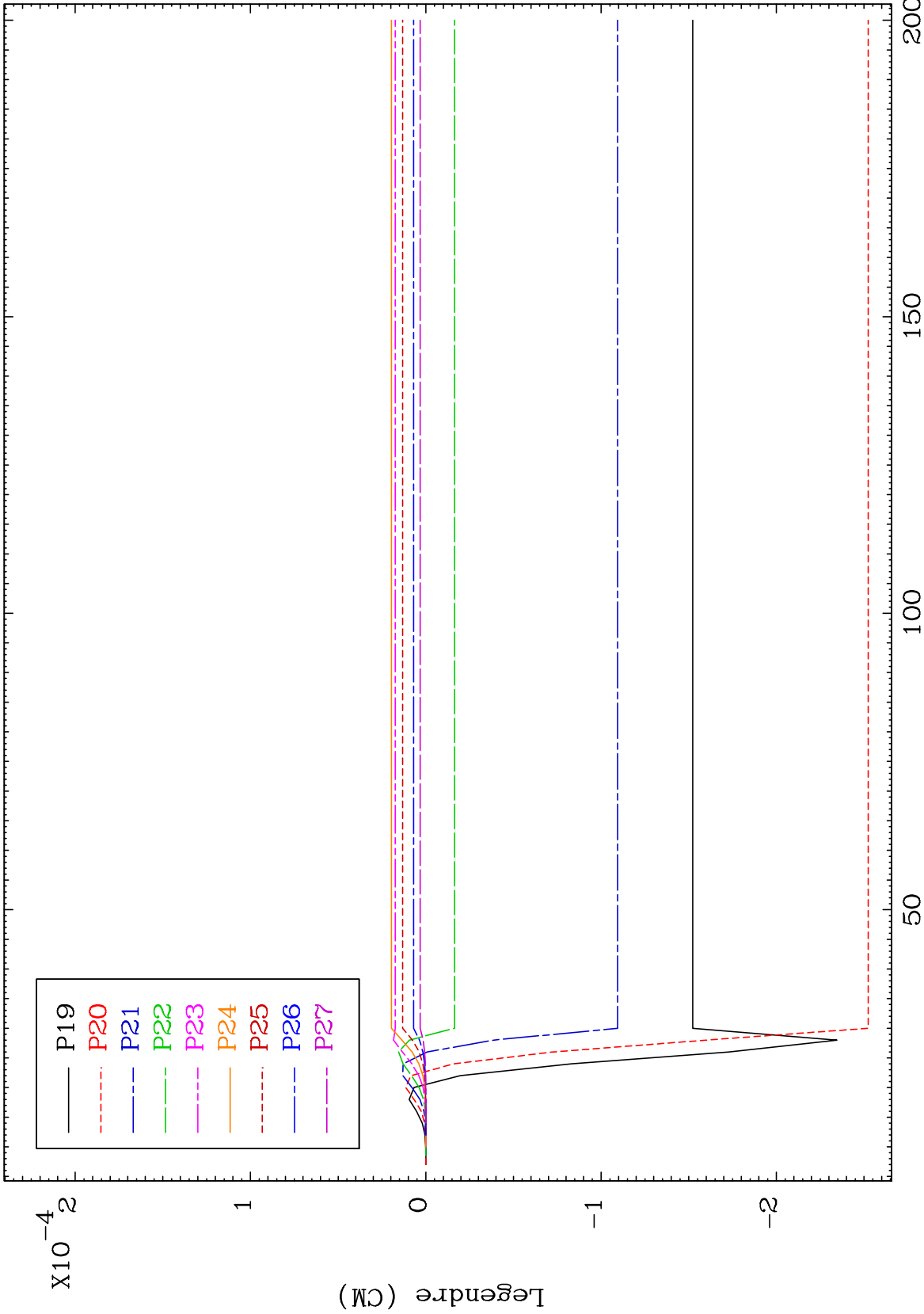
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



30

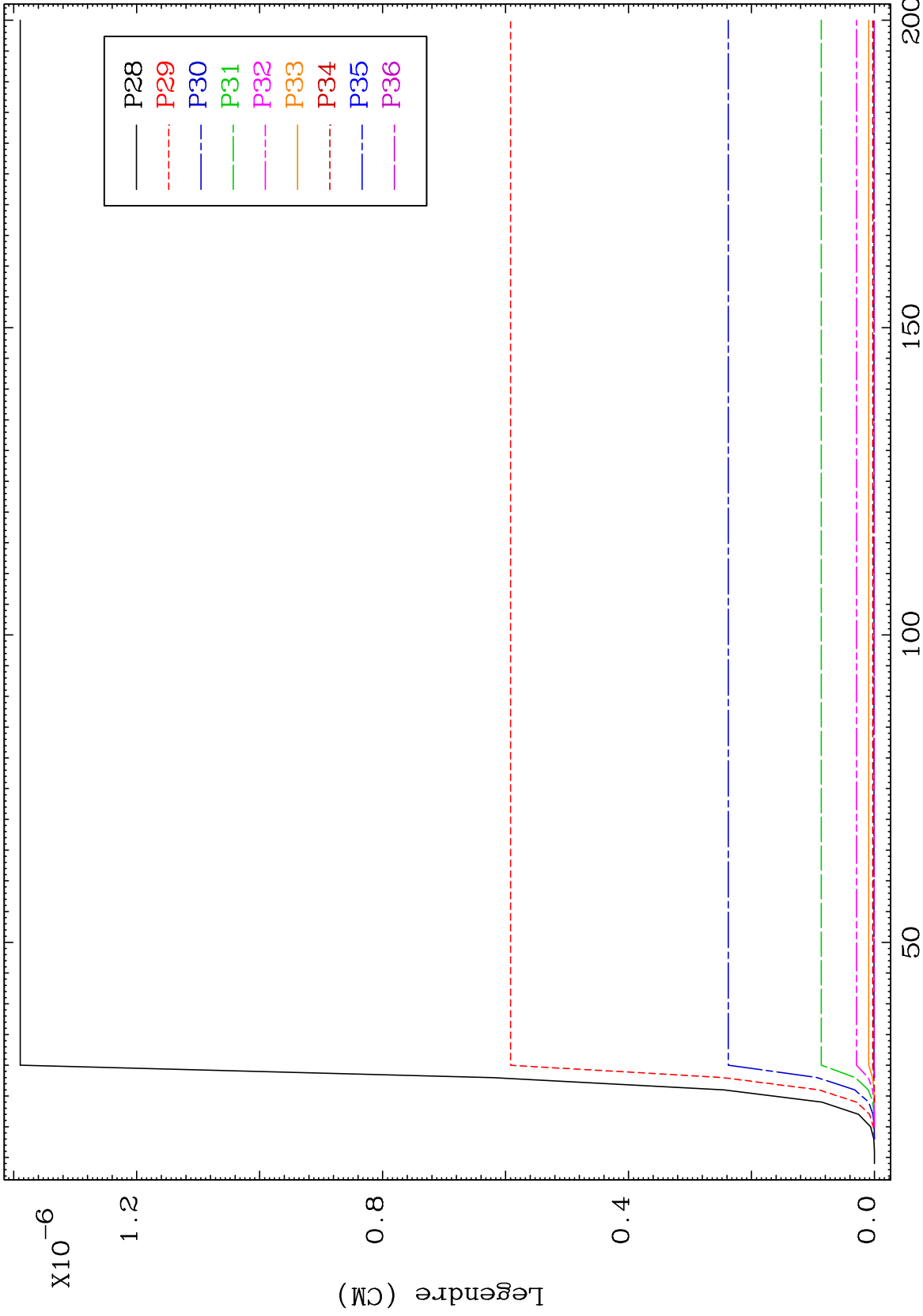
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



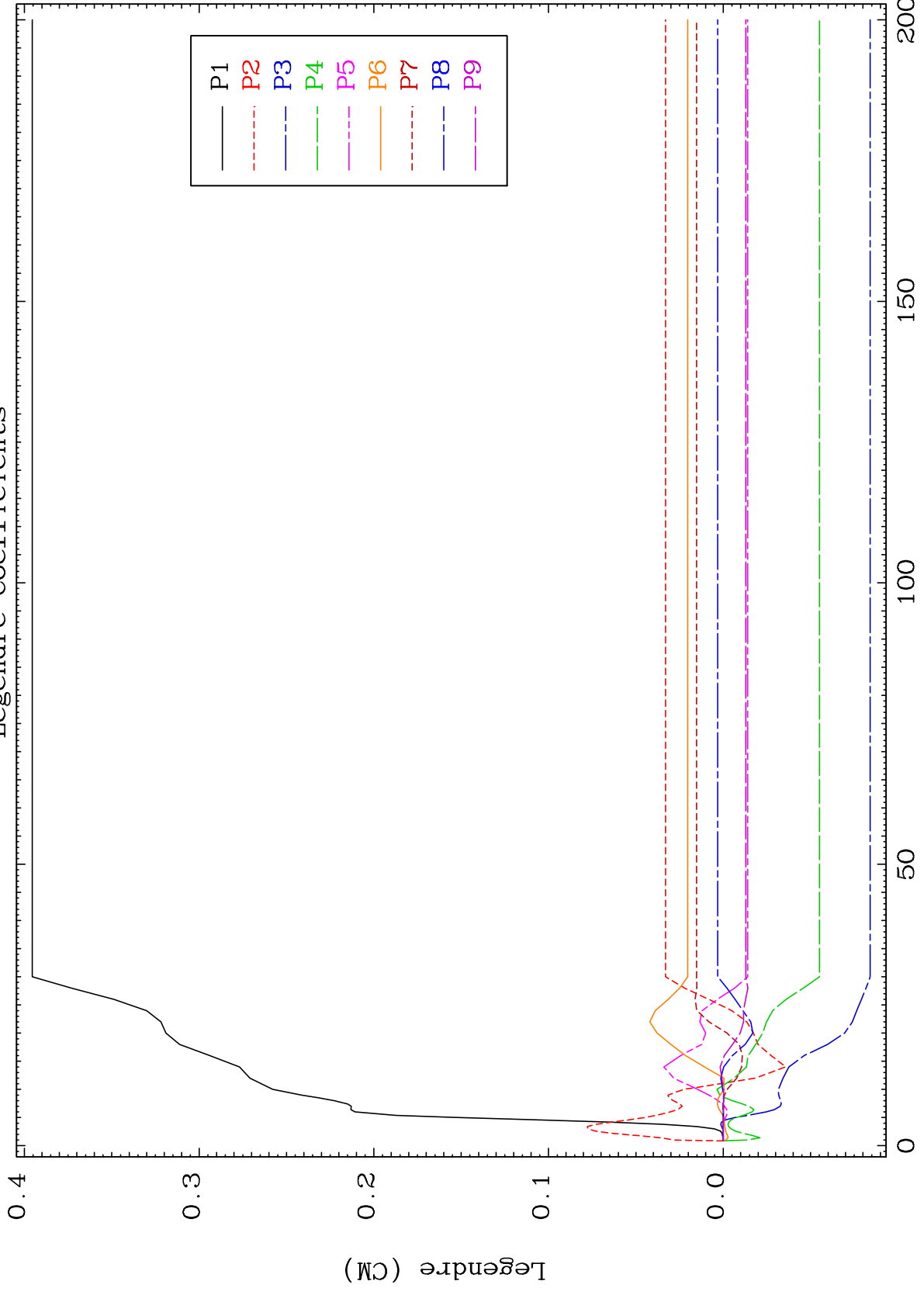
31

62-Sm-158

MAT 6267

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

62-Sm-158



32

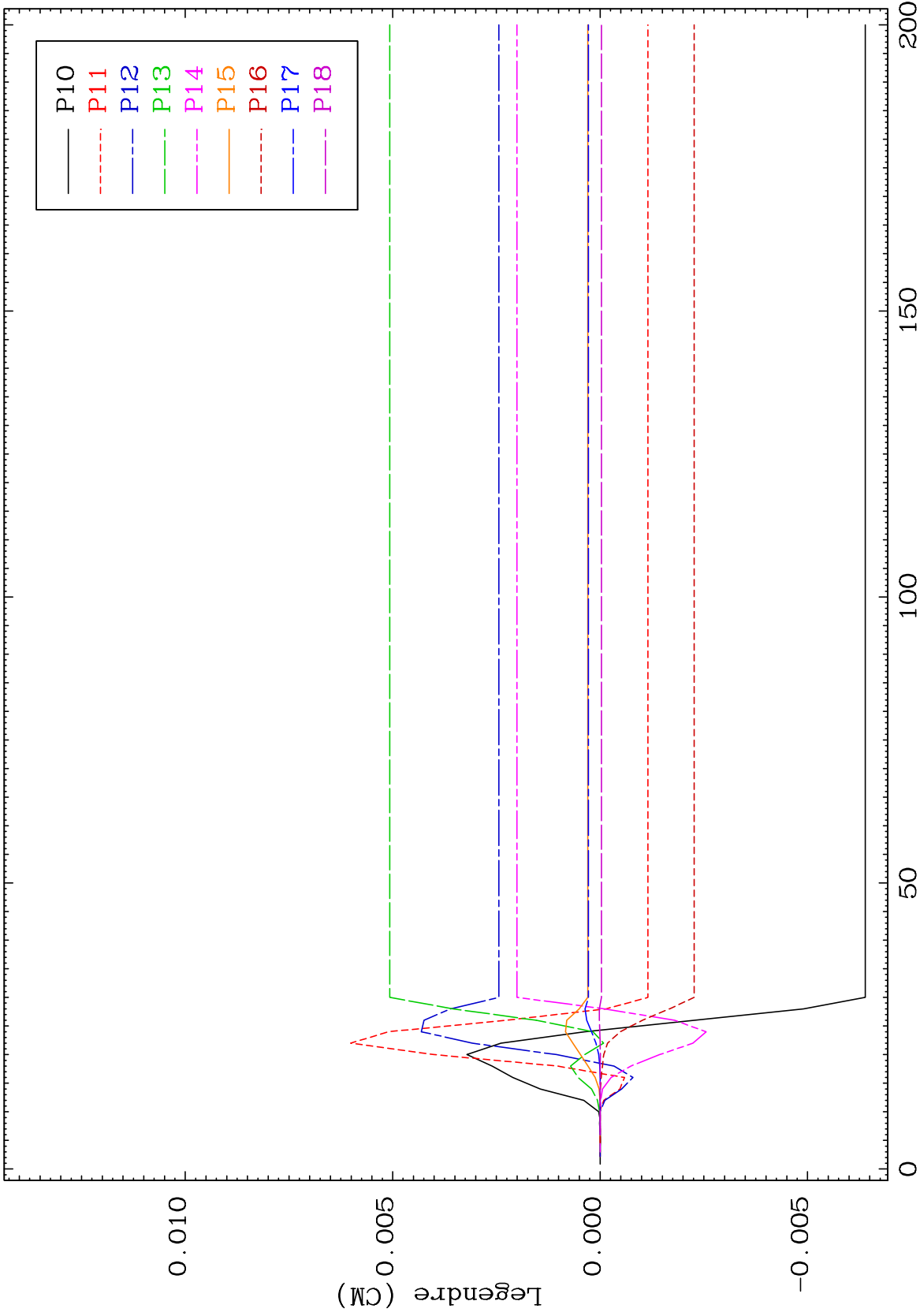
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



33

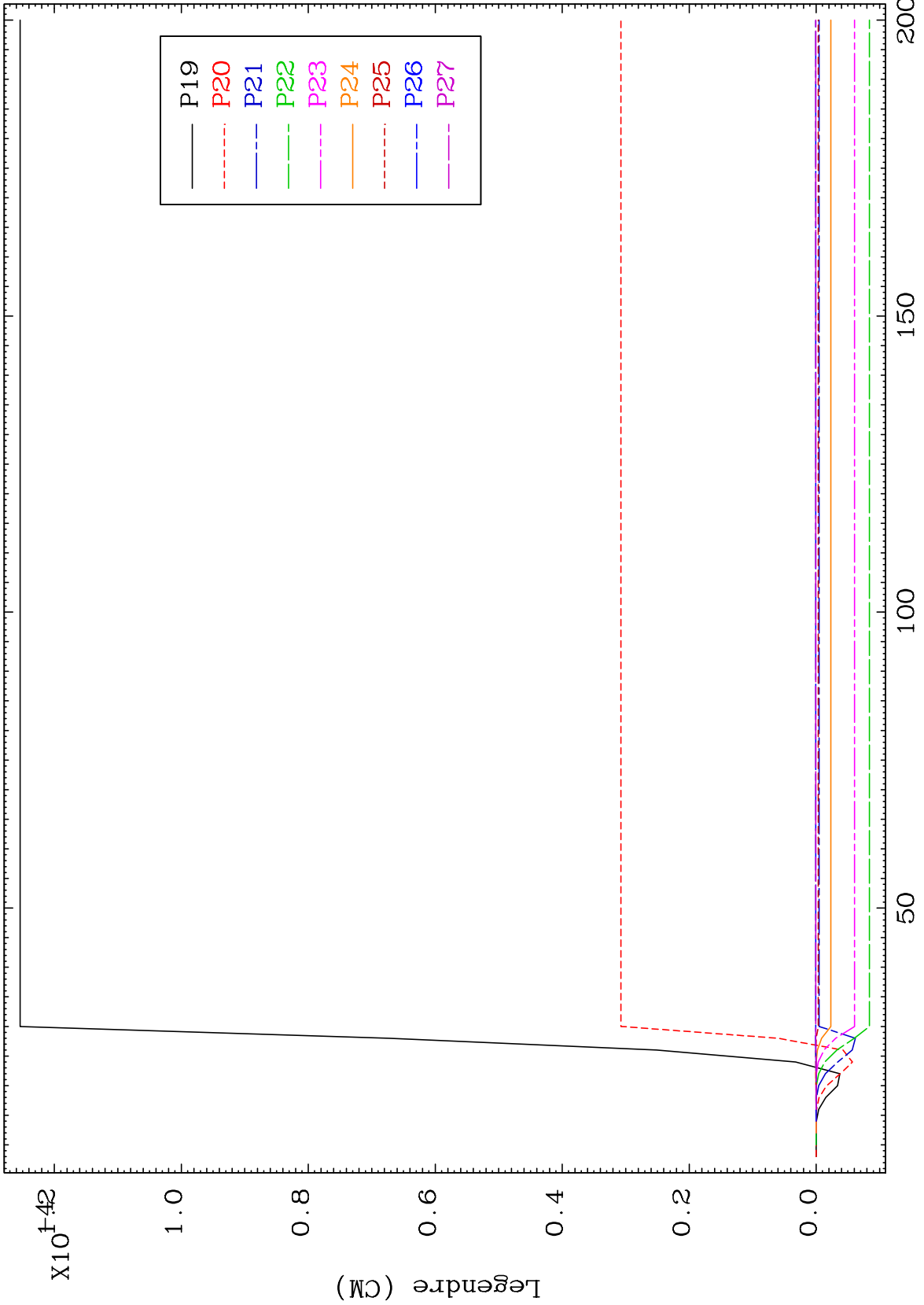
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



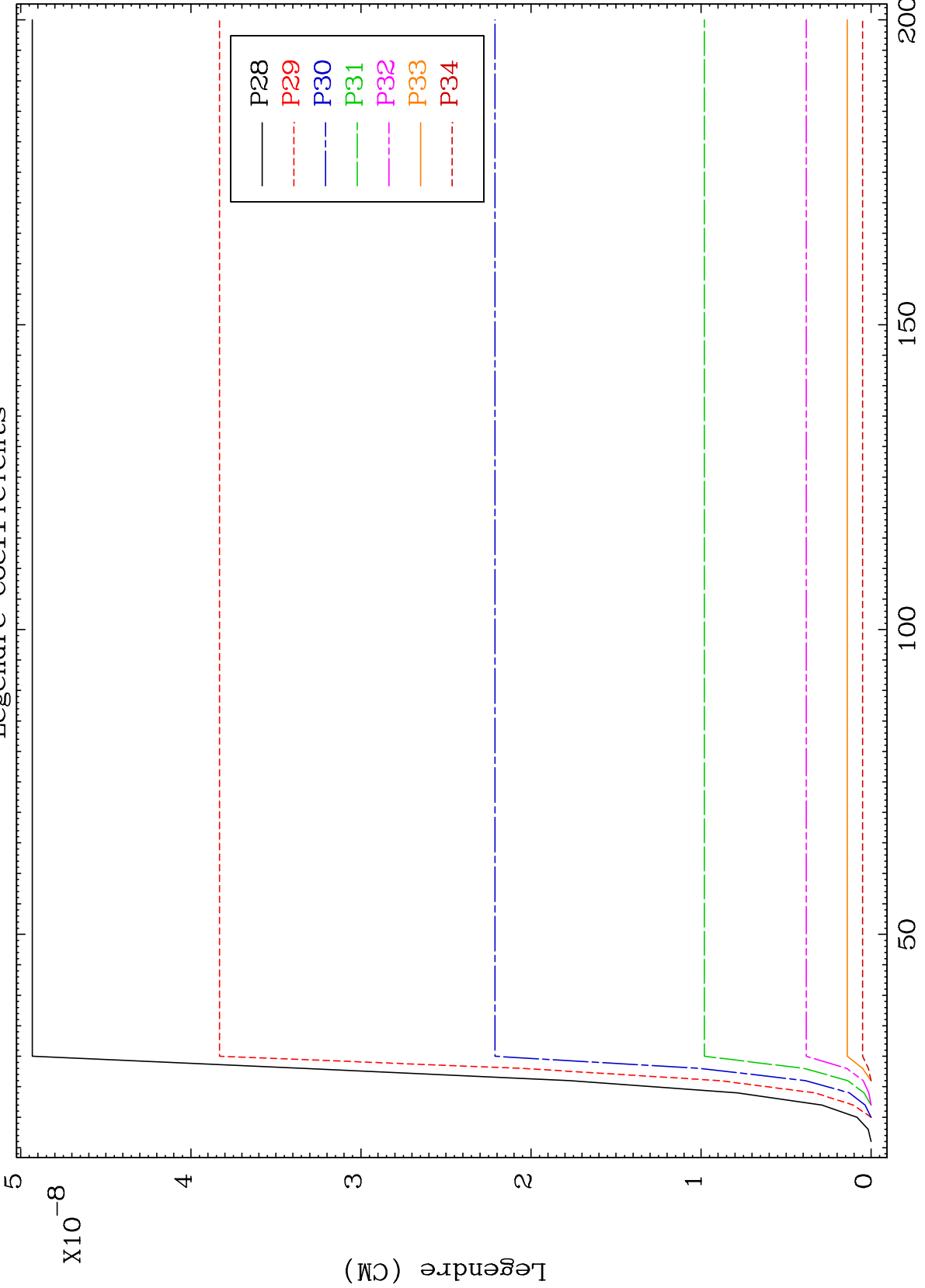
34

62-Sm-158

MAT 6267

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

62-Sm-158



35

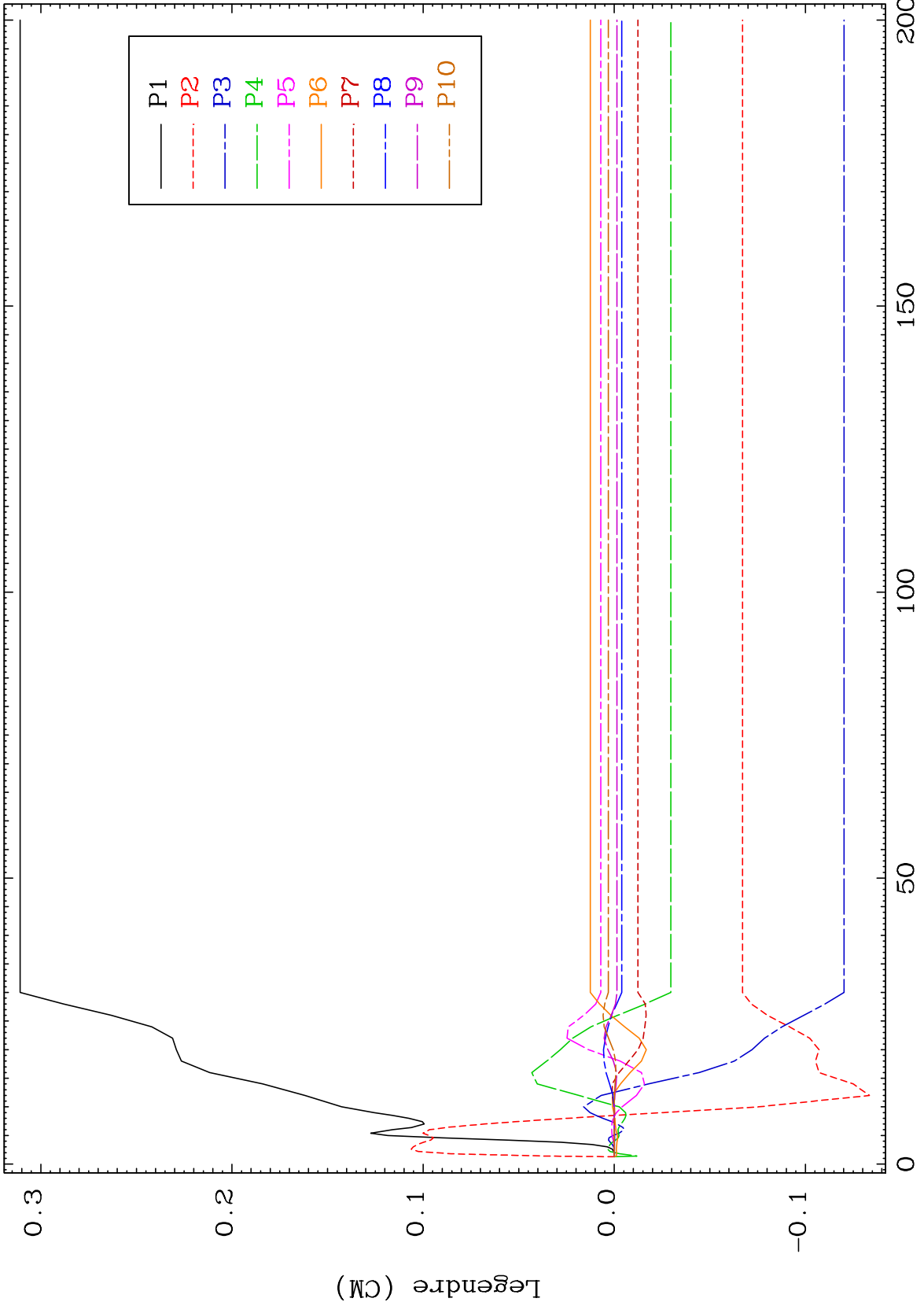
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



36

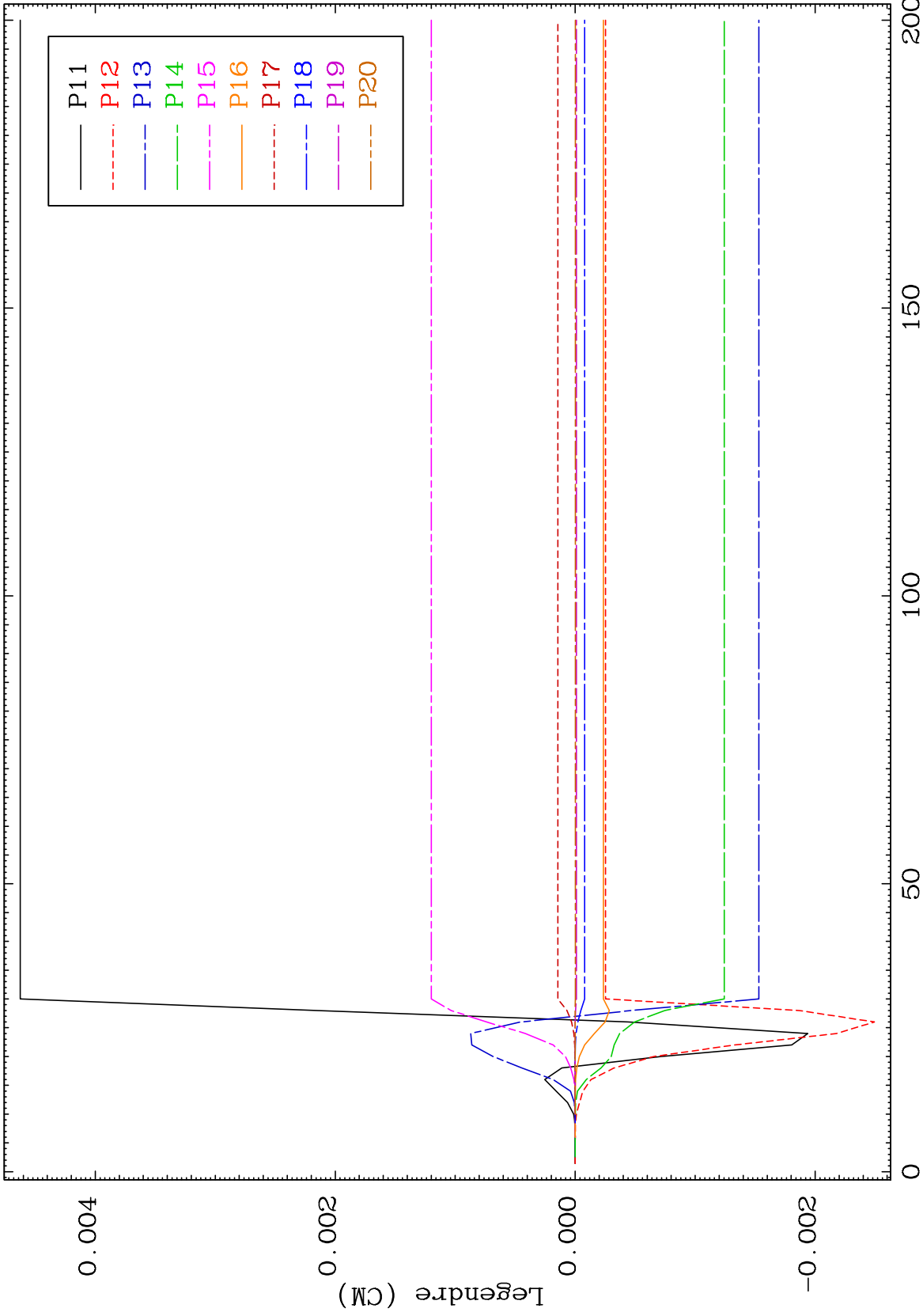
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

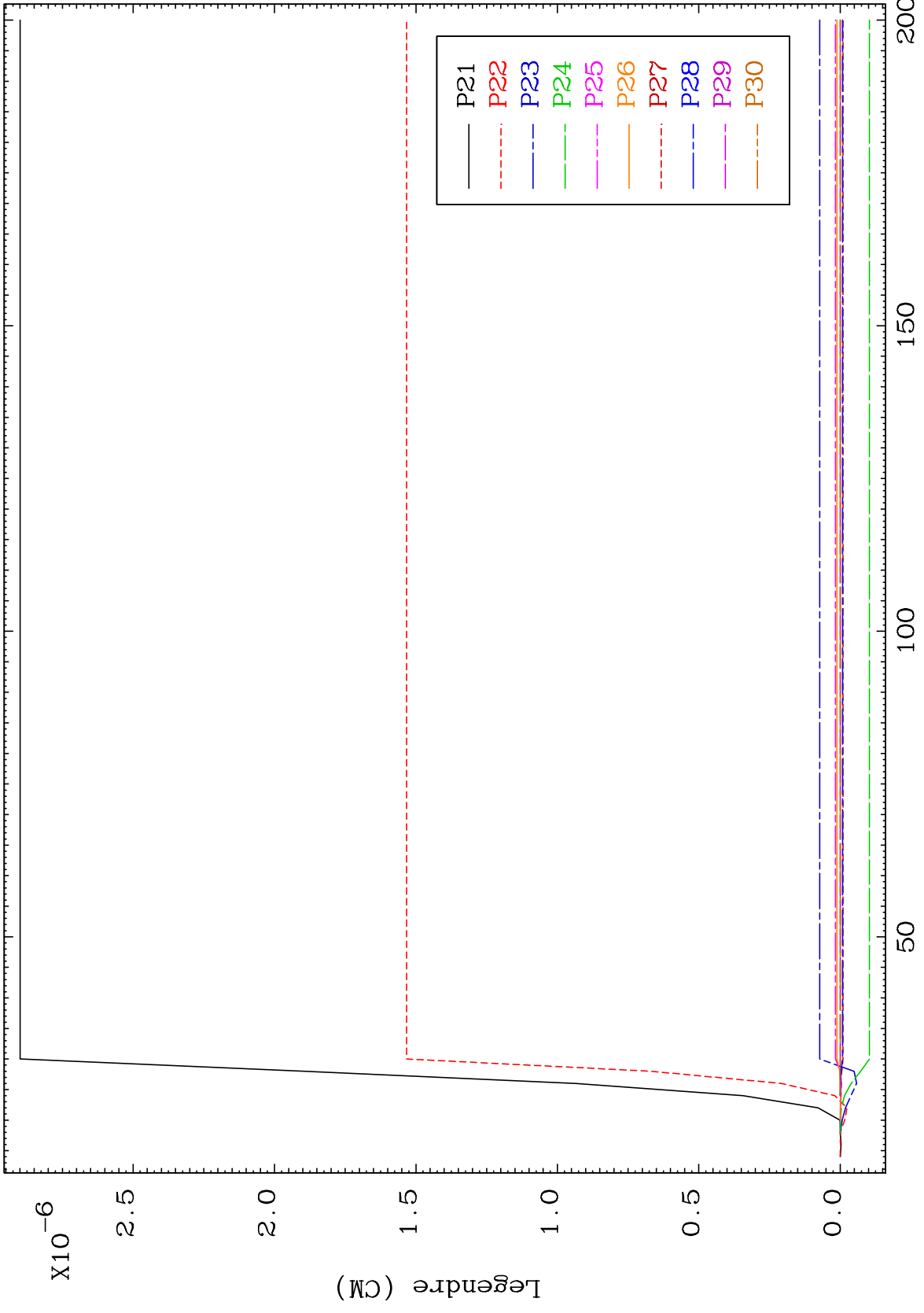
62-Sm-158



37

Incident Energy (MeV)

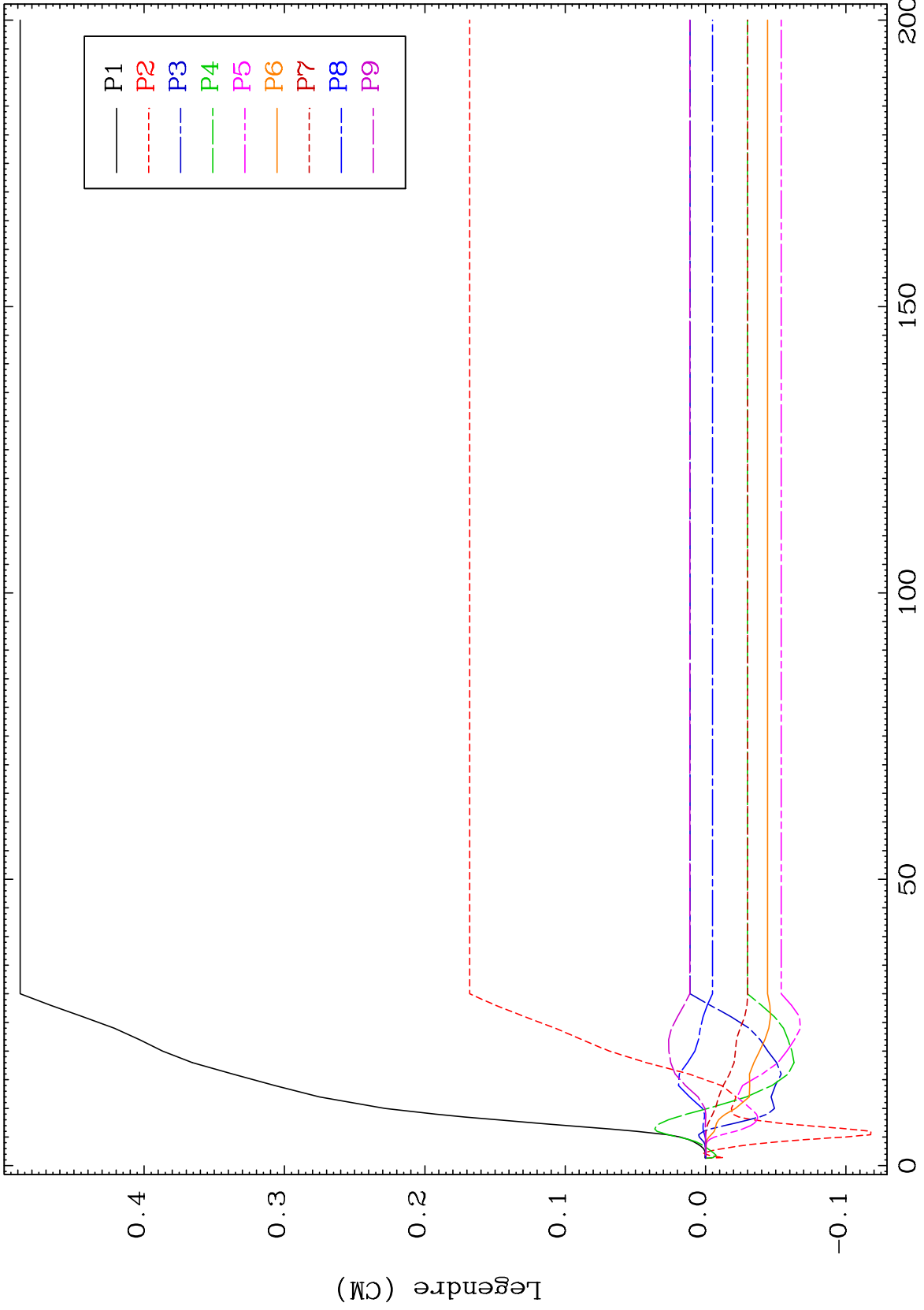
62-Sm-158



MAT 6267

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

62-Sm-158



39

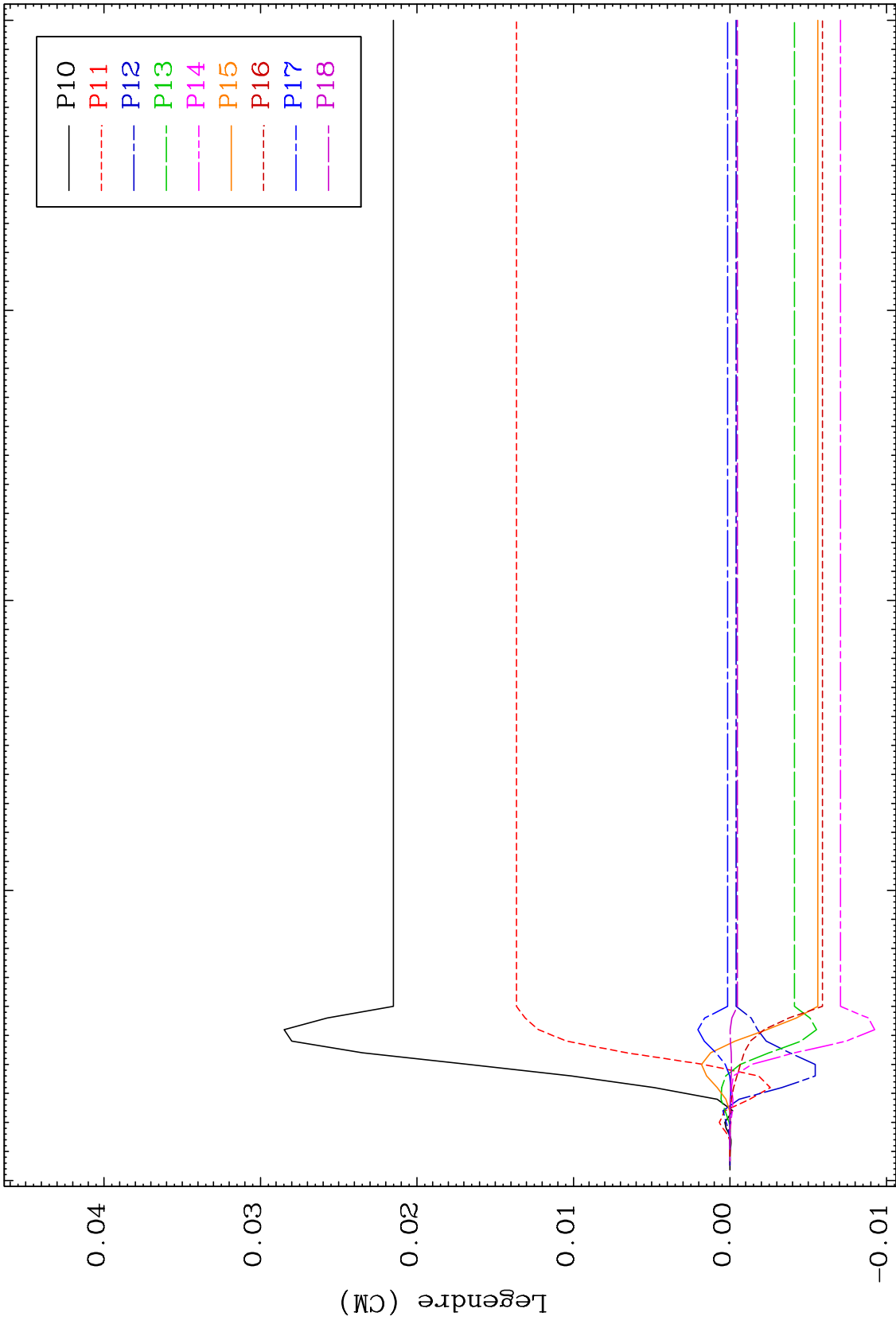
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



40

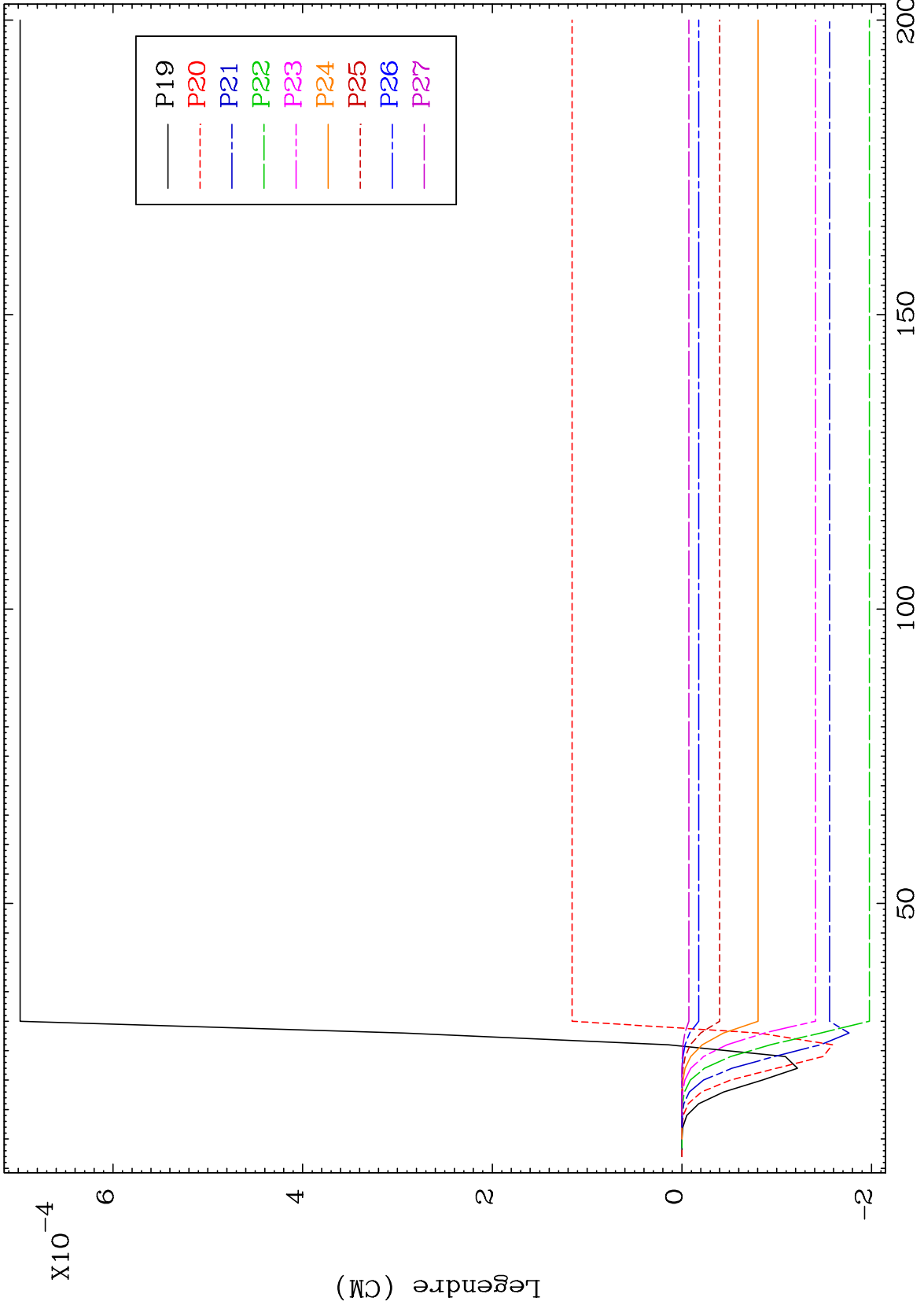
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



41

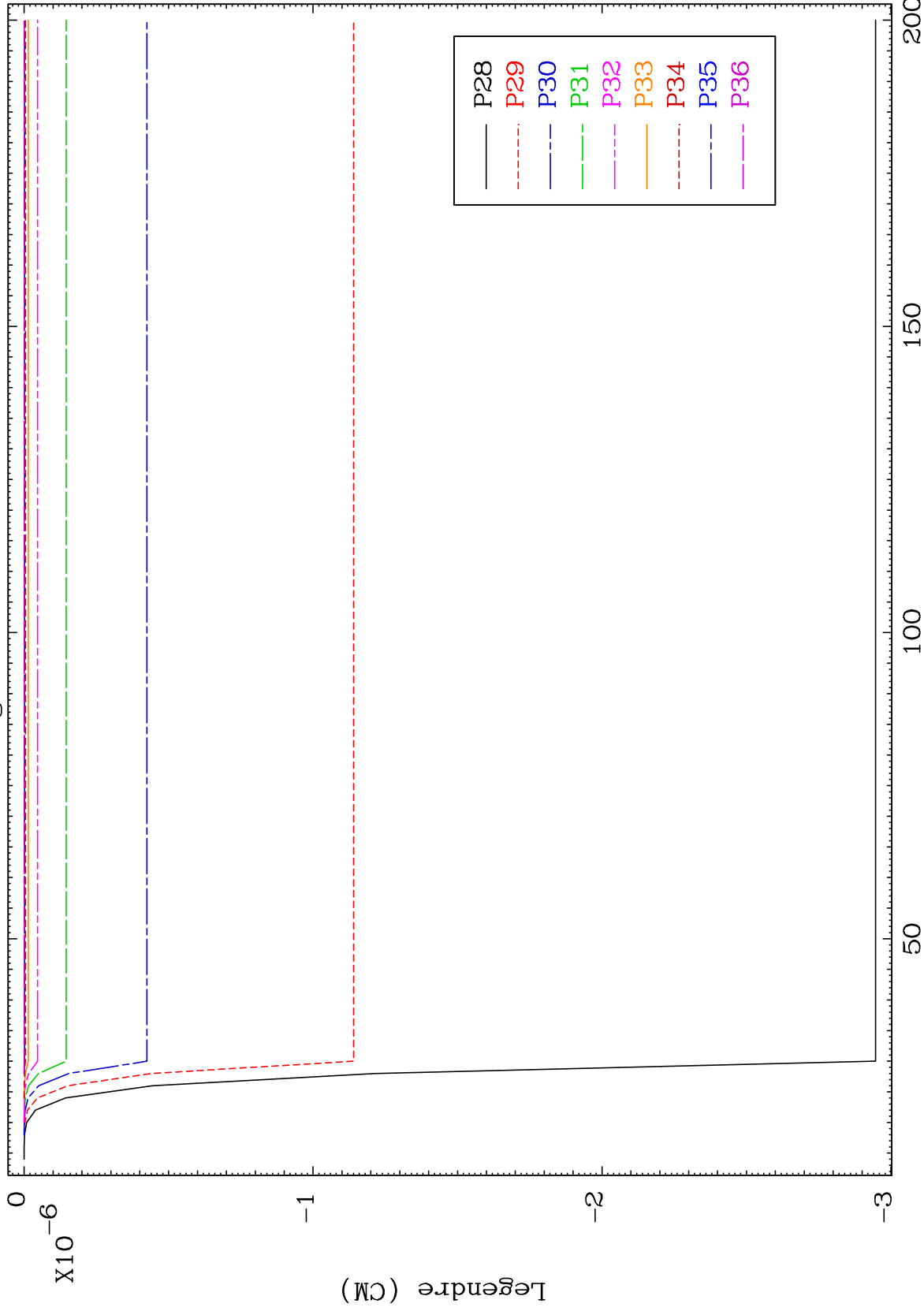
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



62-Sm-158

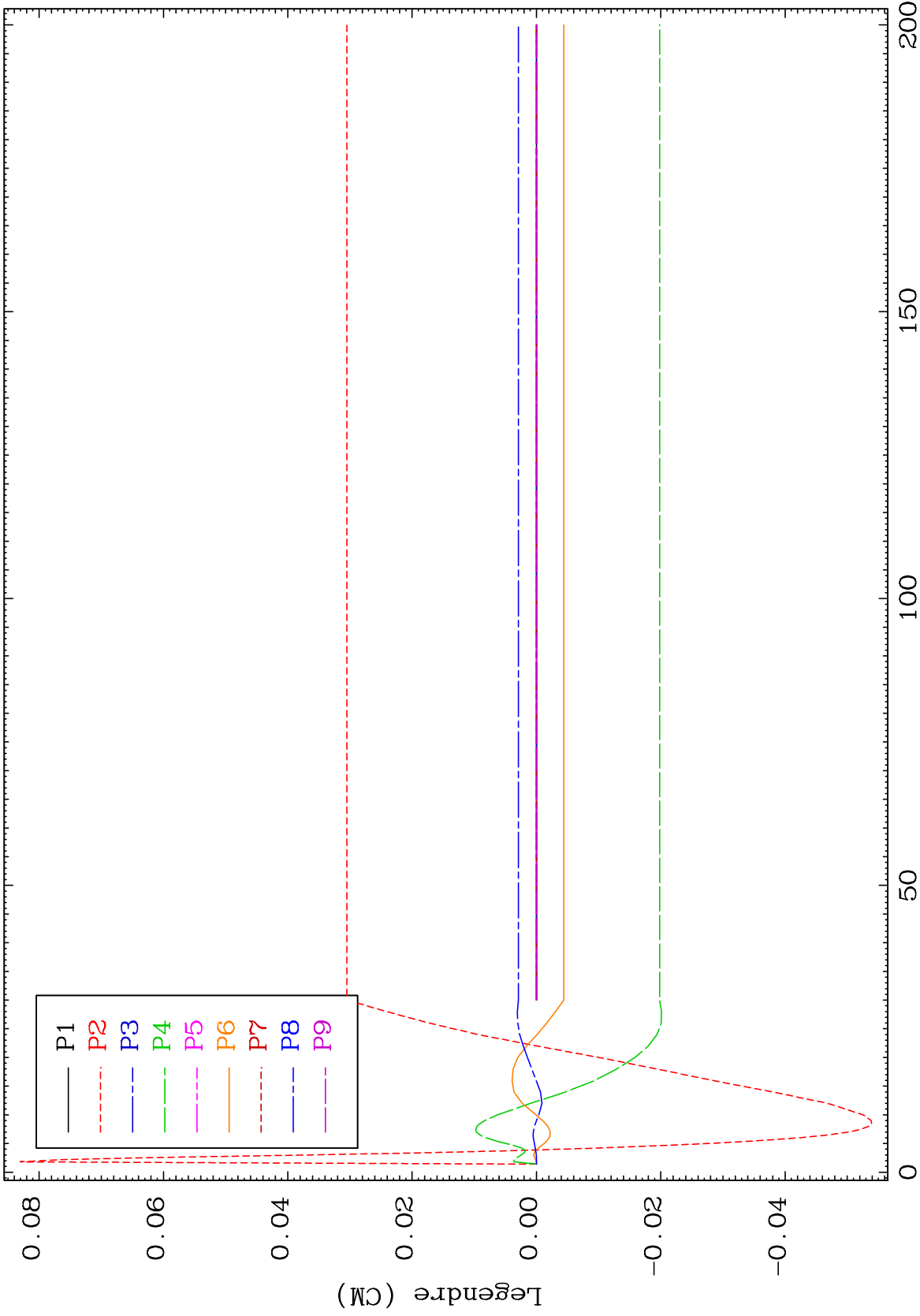
Incident Energy (MeV)

42

MAT 6267

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

62-Sm-158



43

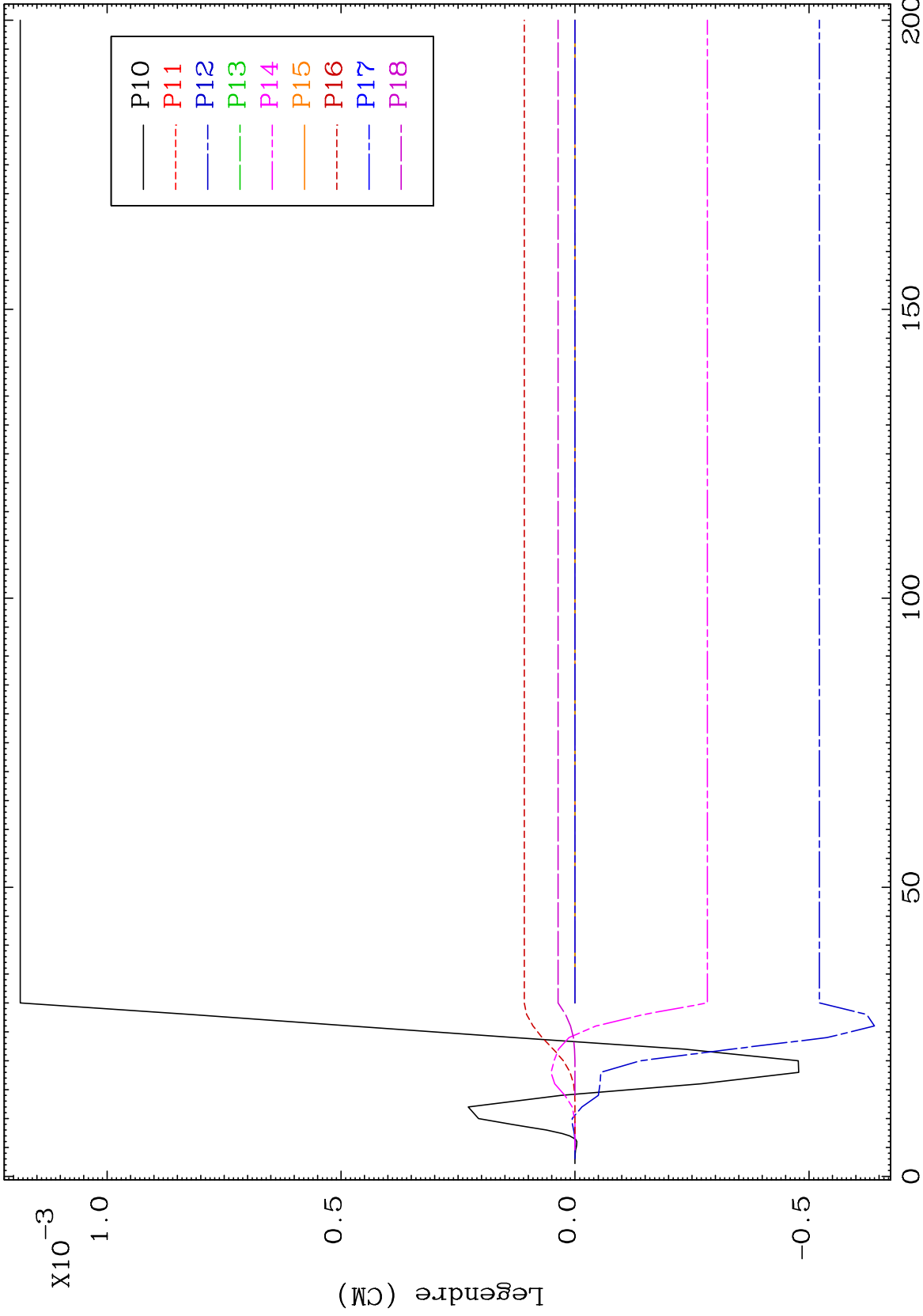
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



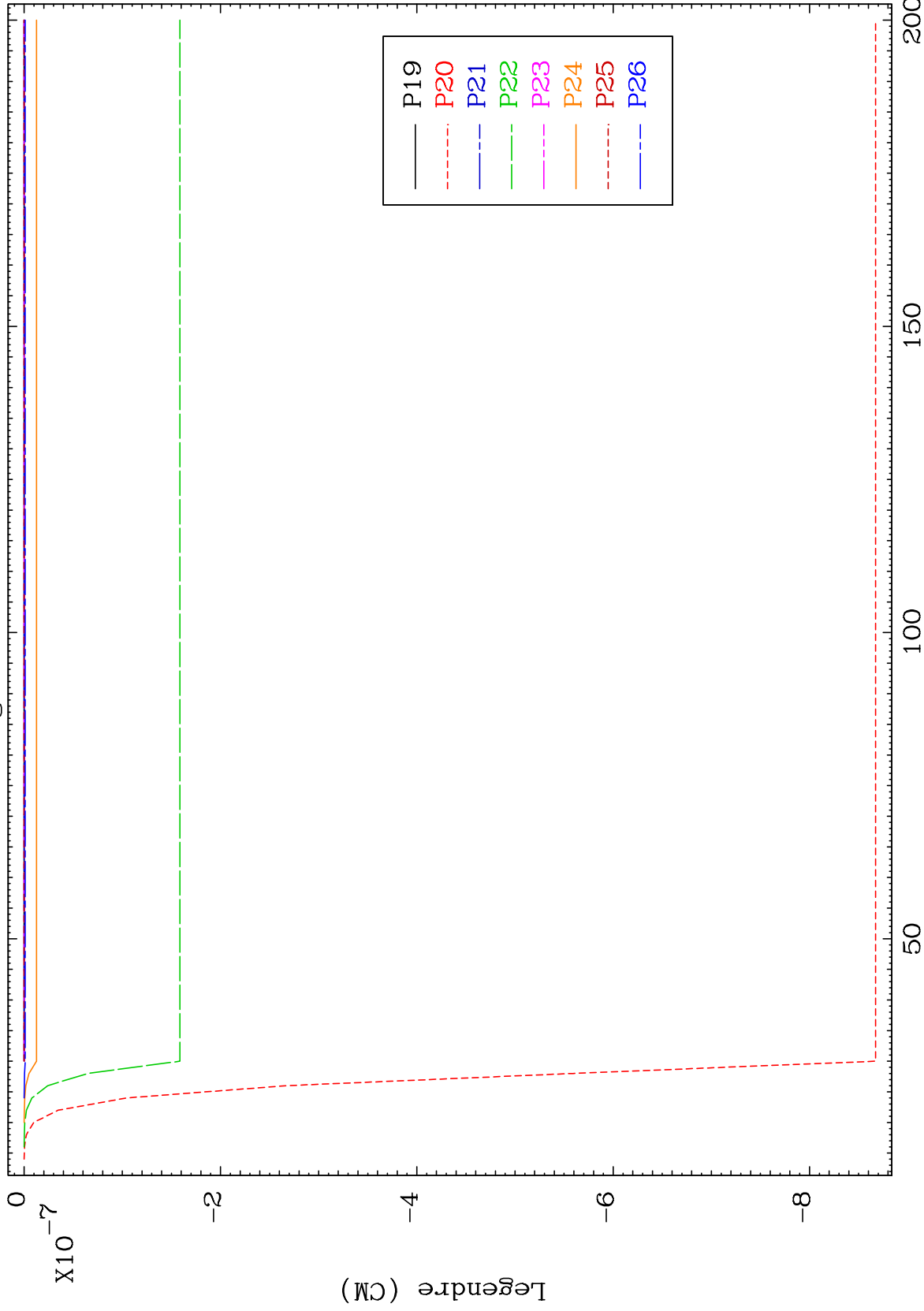
44

62-Sm-158

MAT 6267

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

62-Sm-158



45

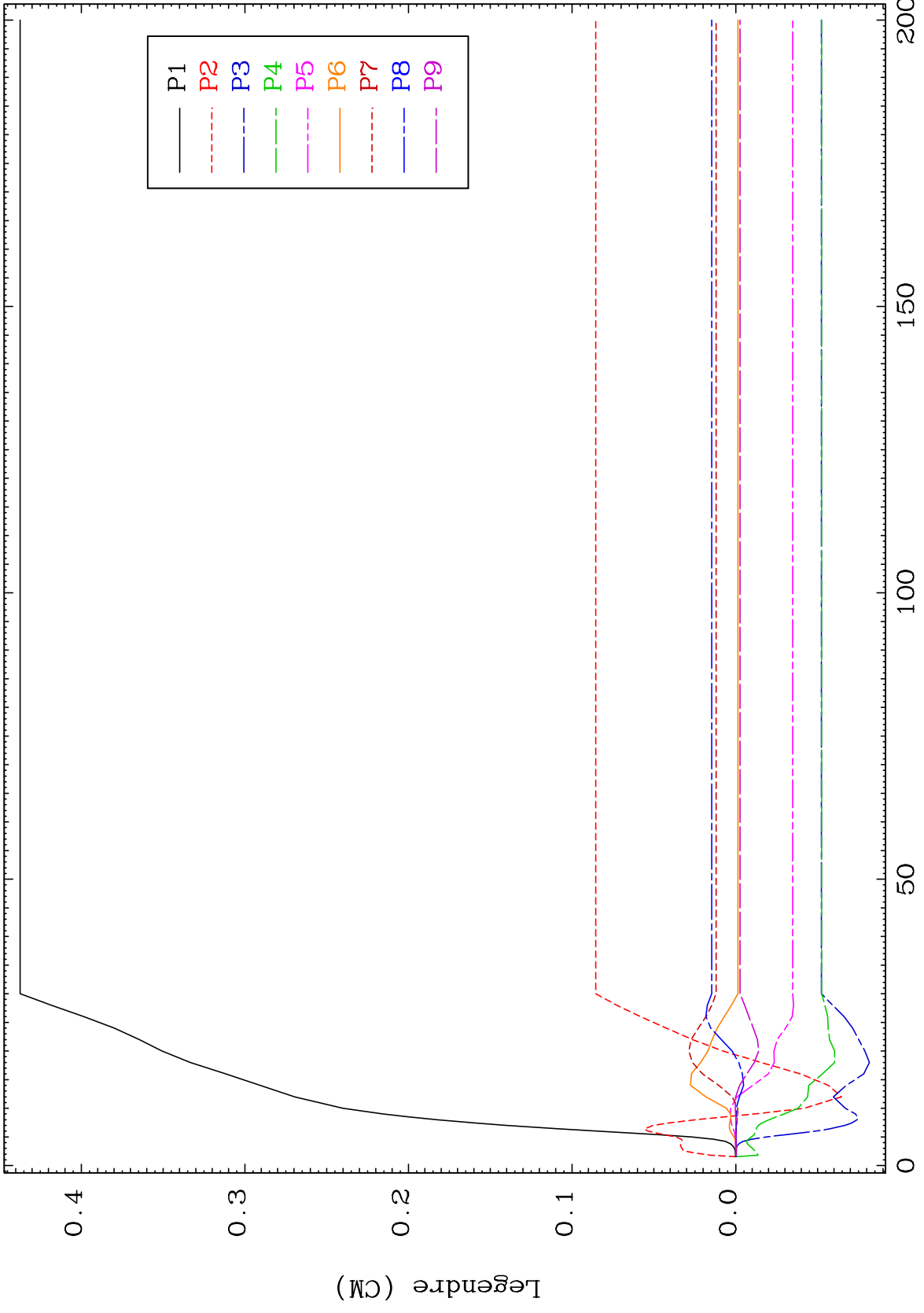
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



46

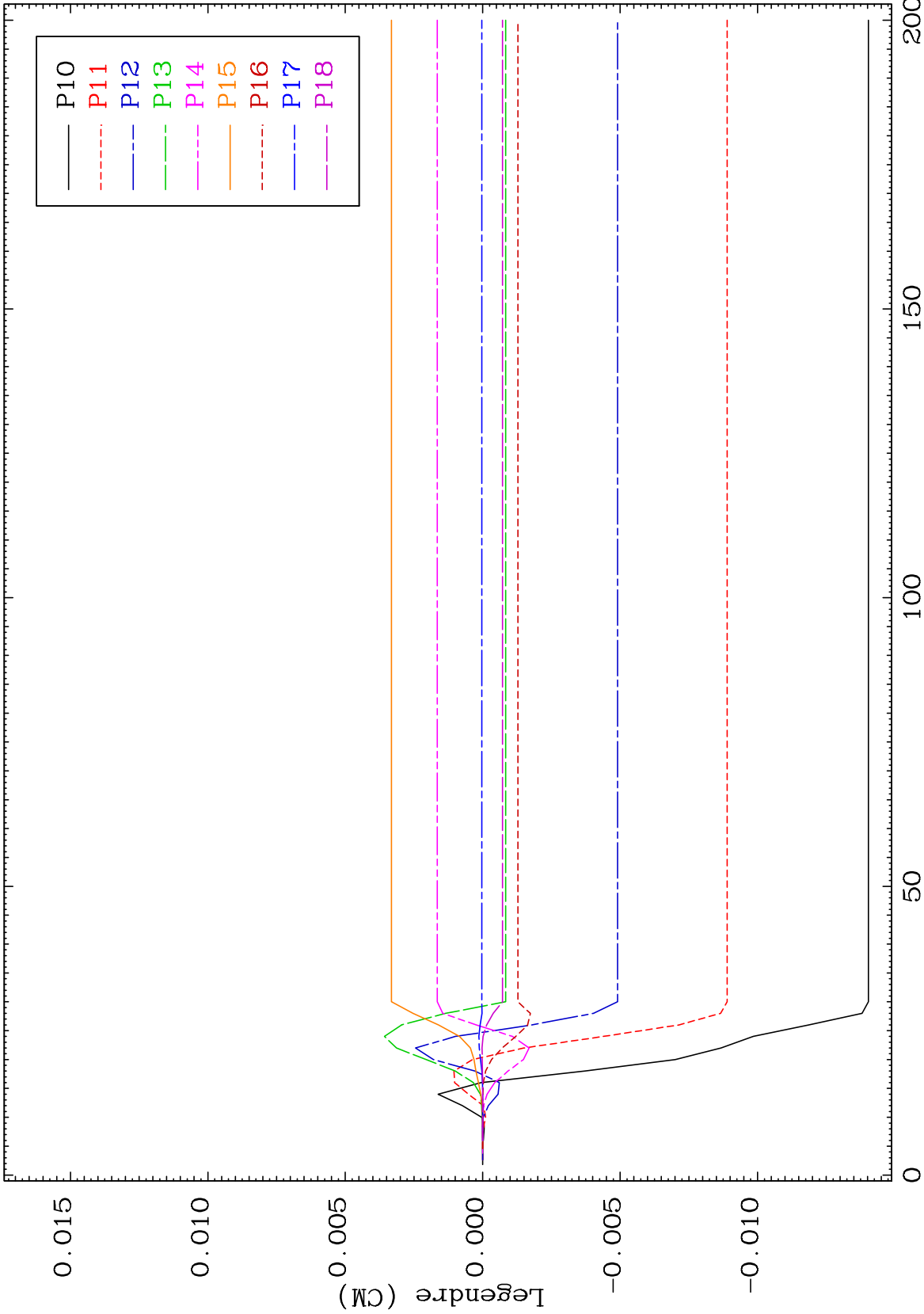
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



47

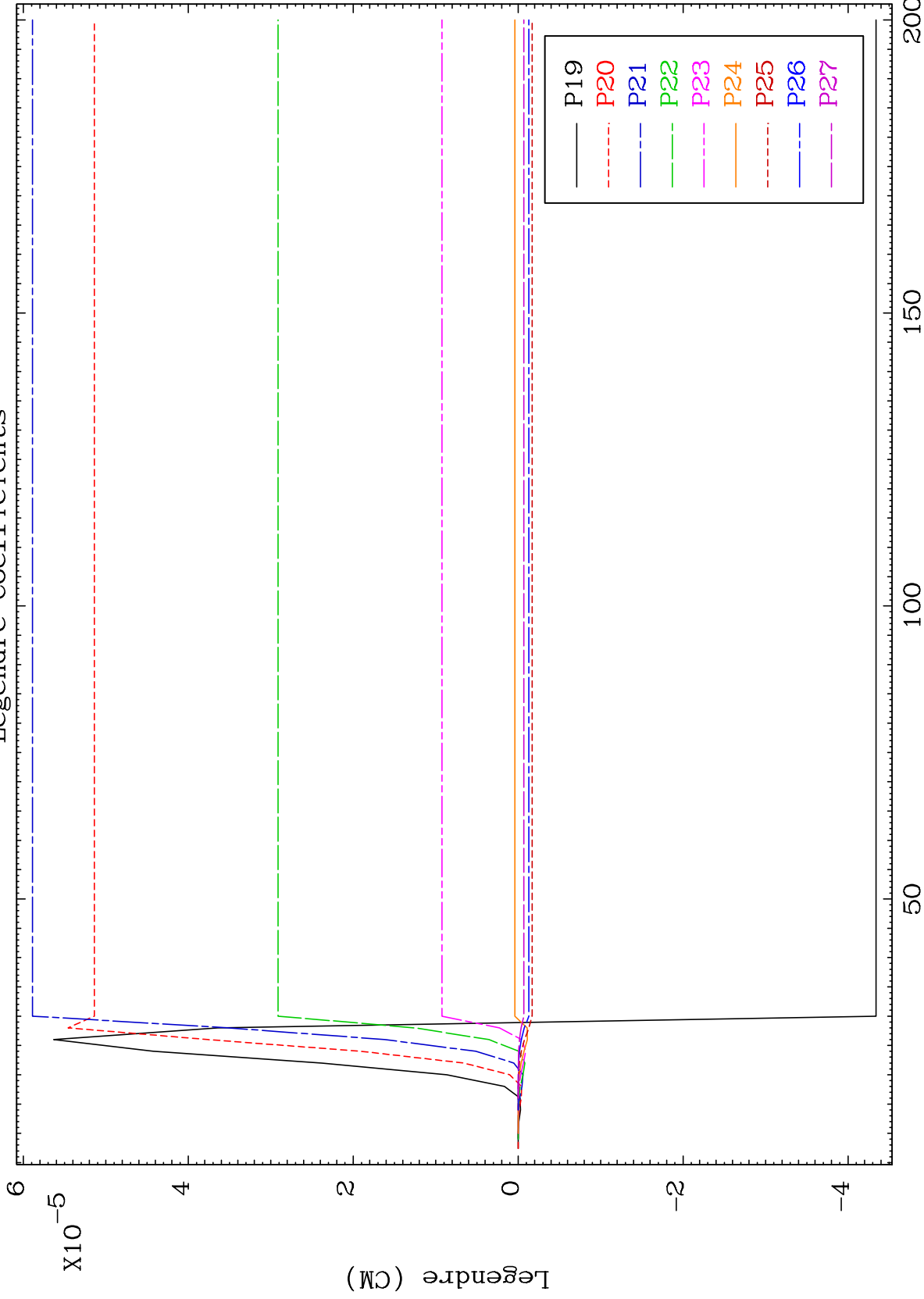
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



62-Sm-158

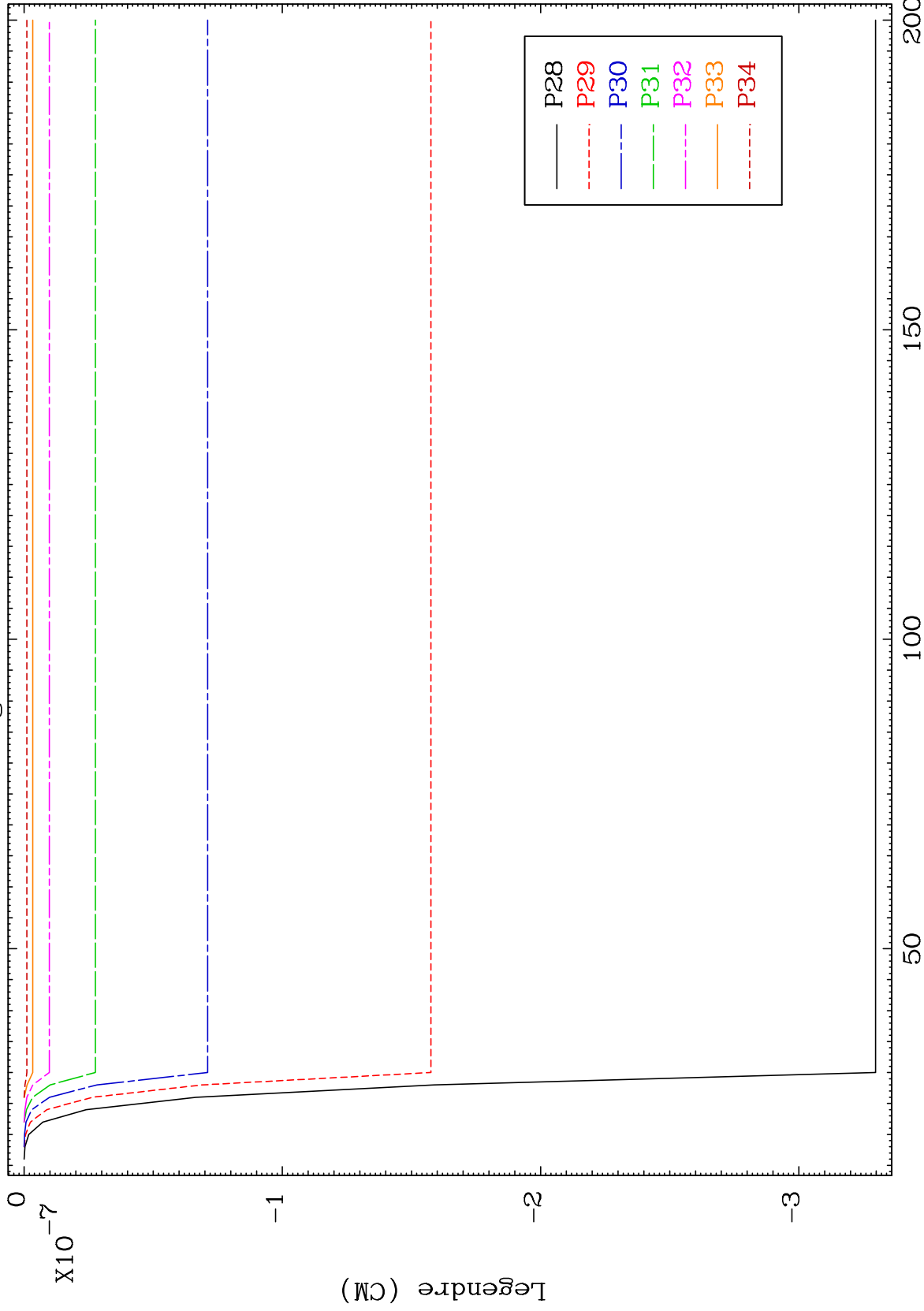
Incident Energy (MeV)

48

MAT 6267

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

62-Sm-158



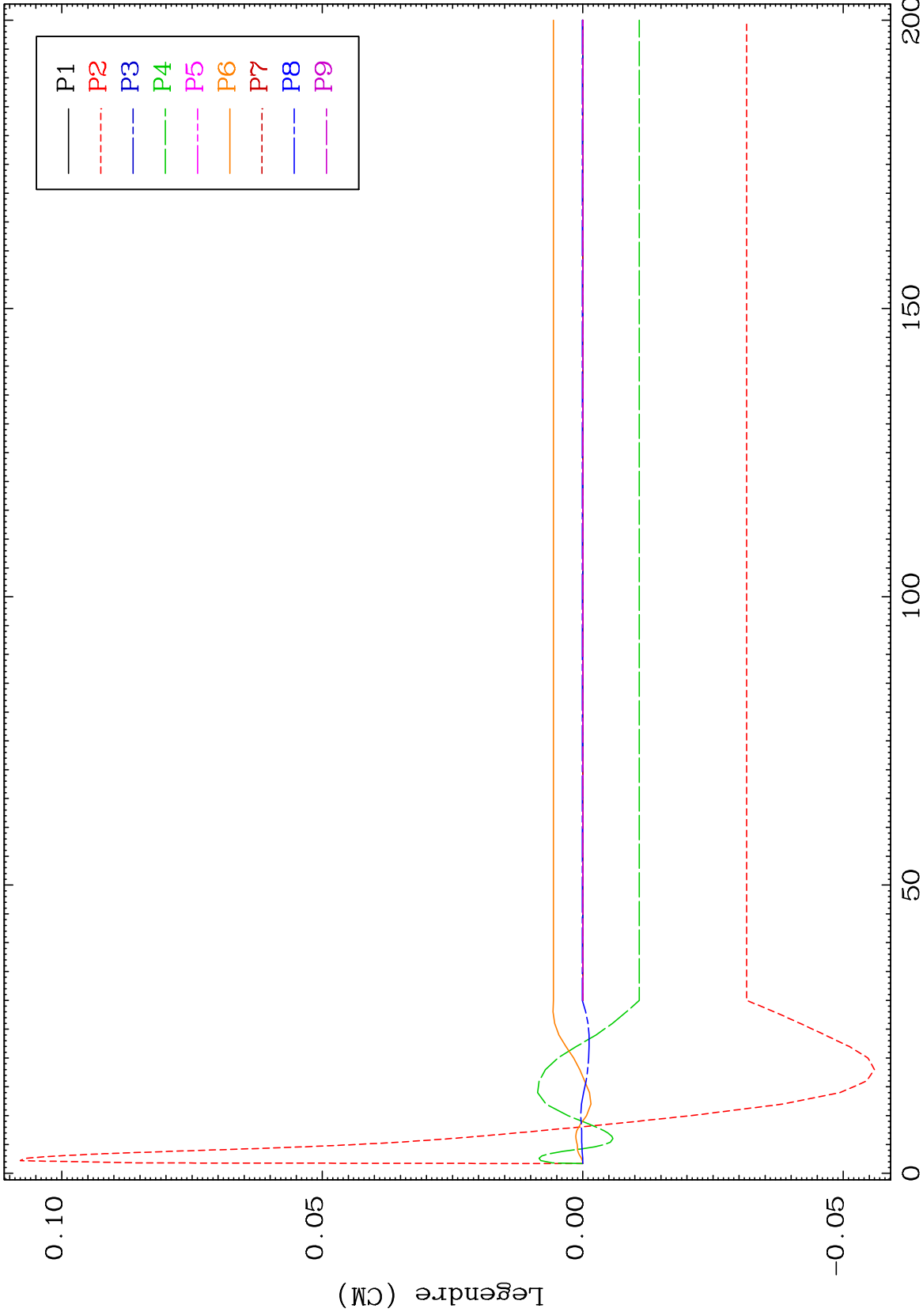
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62-Sm-158

MAT 6267

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

62-Sm-158



62-Sm-158

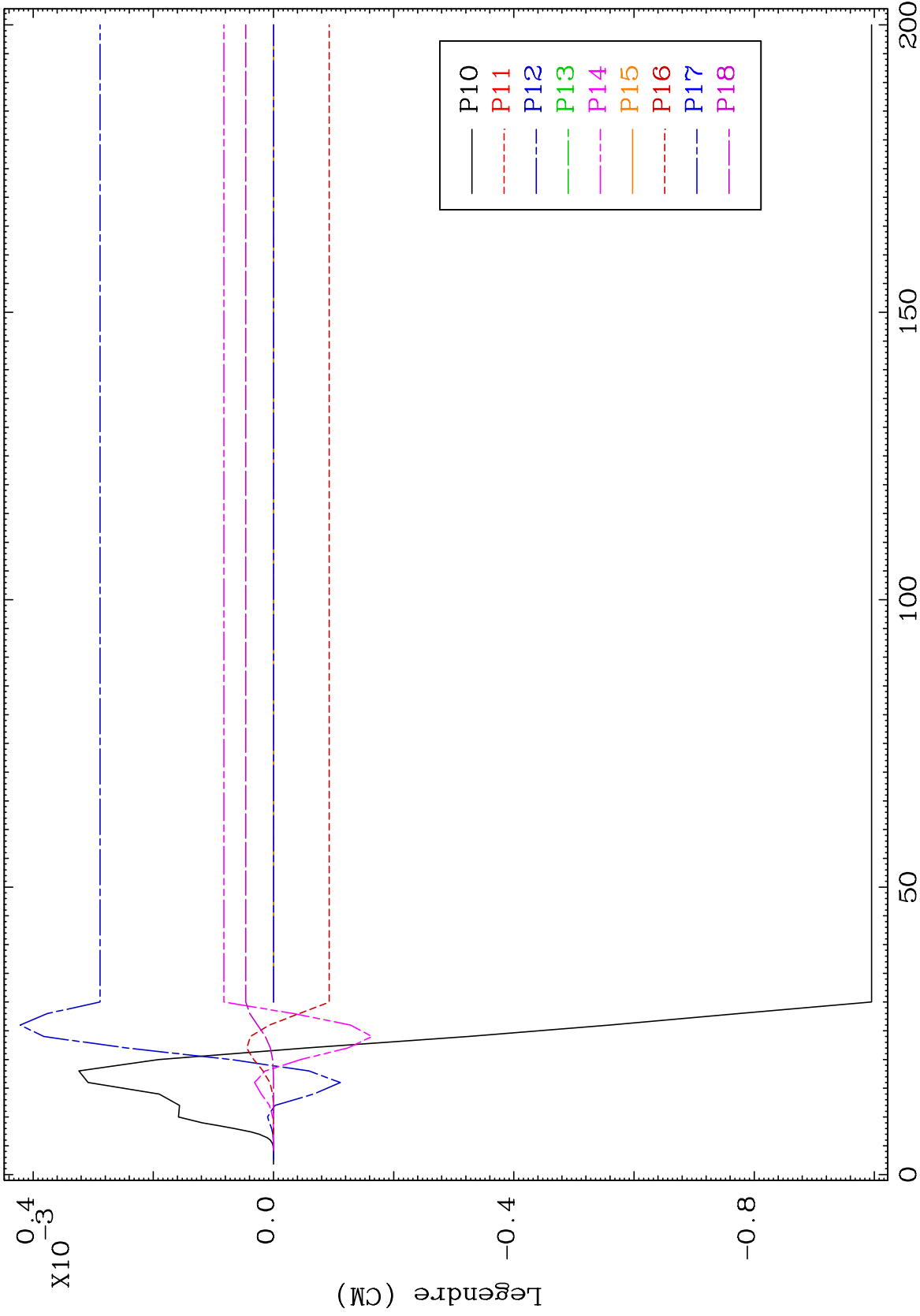
Incident Energy (MeV)

50

MAT 6267

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

62-Sm-158



51

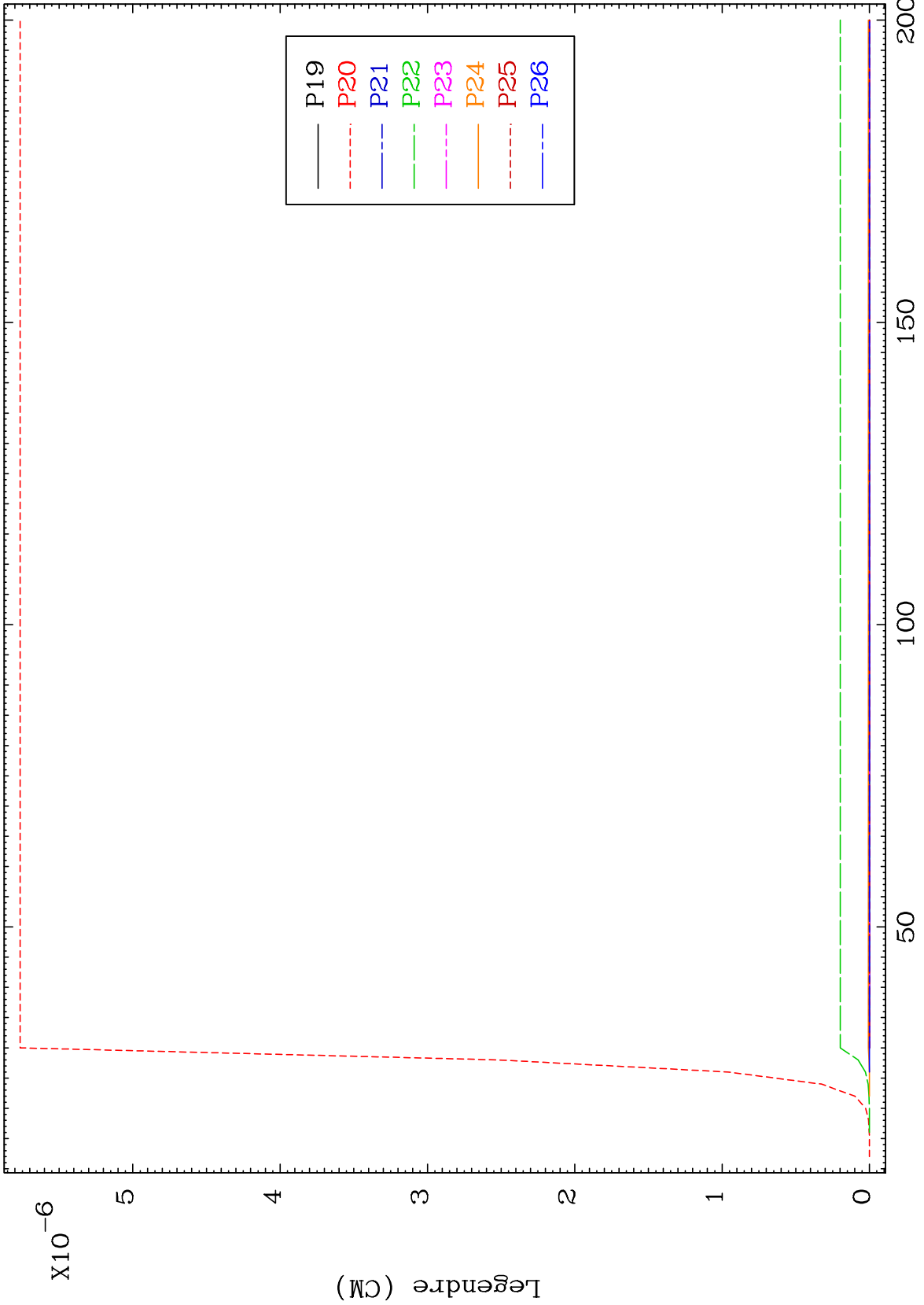
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



52

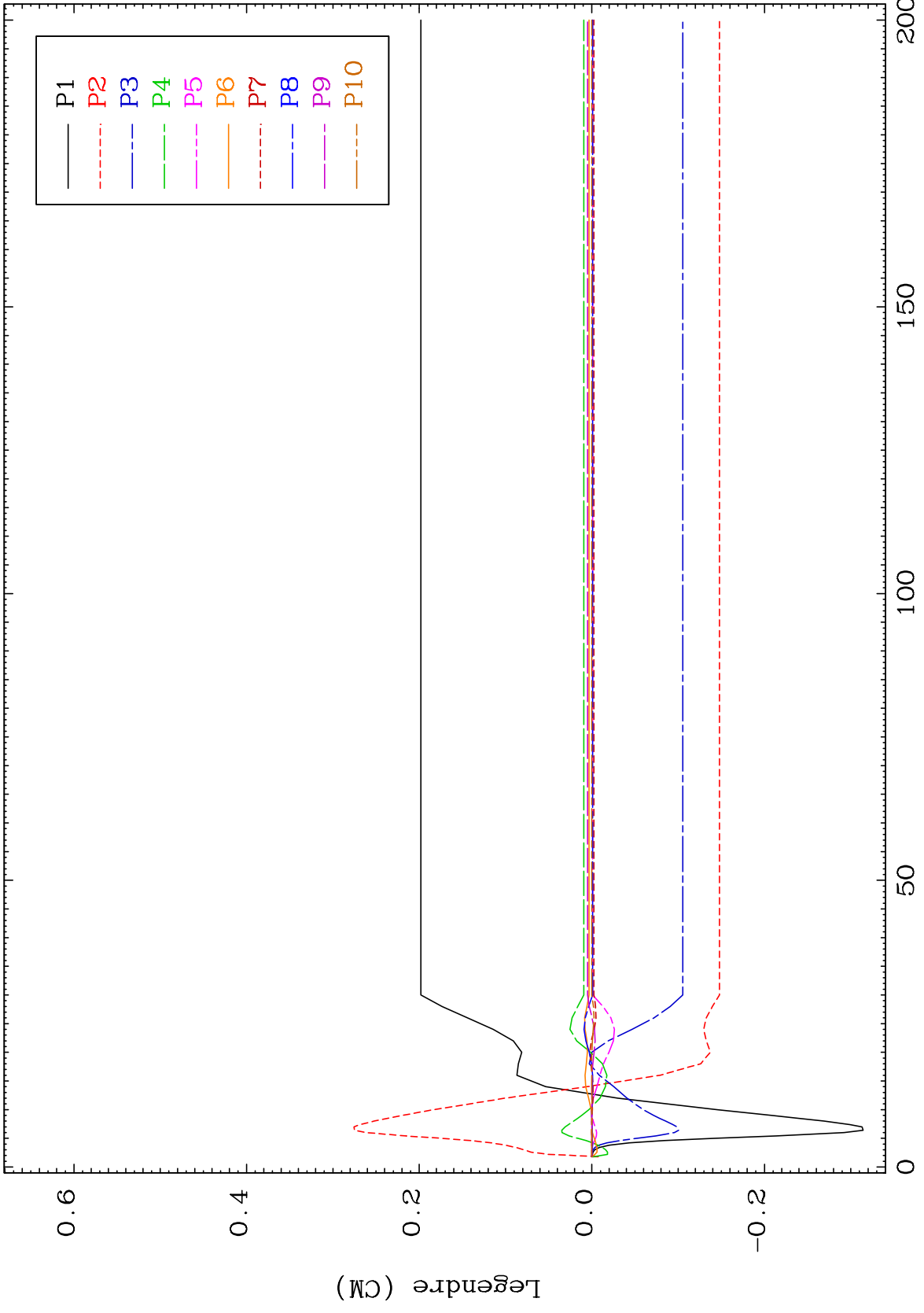
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



53

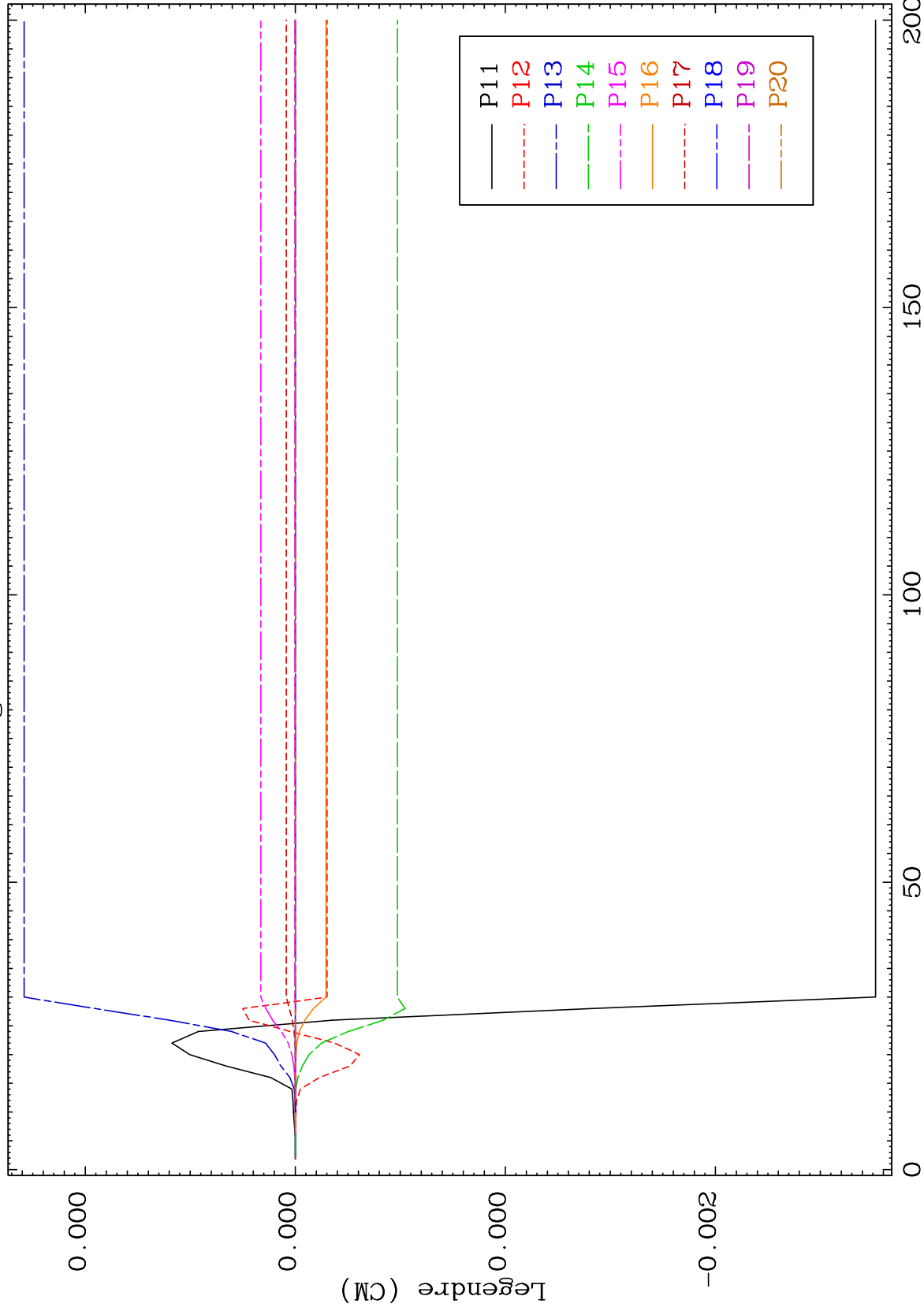
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



54

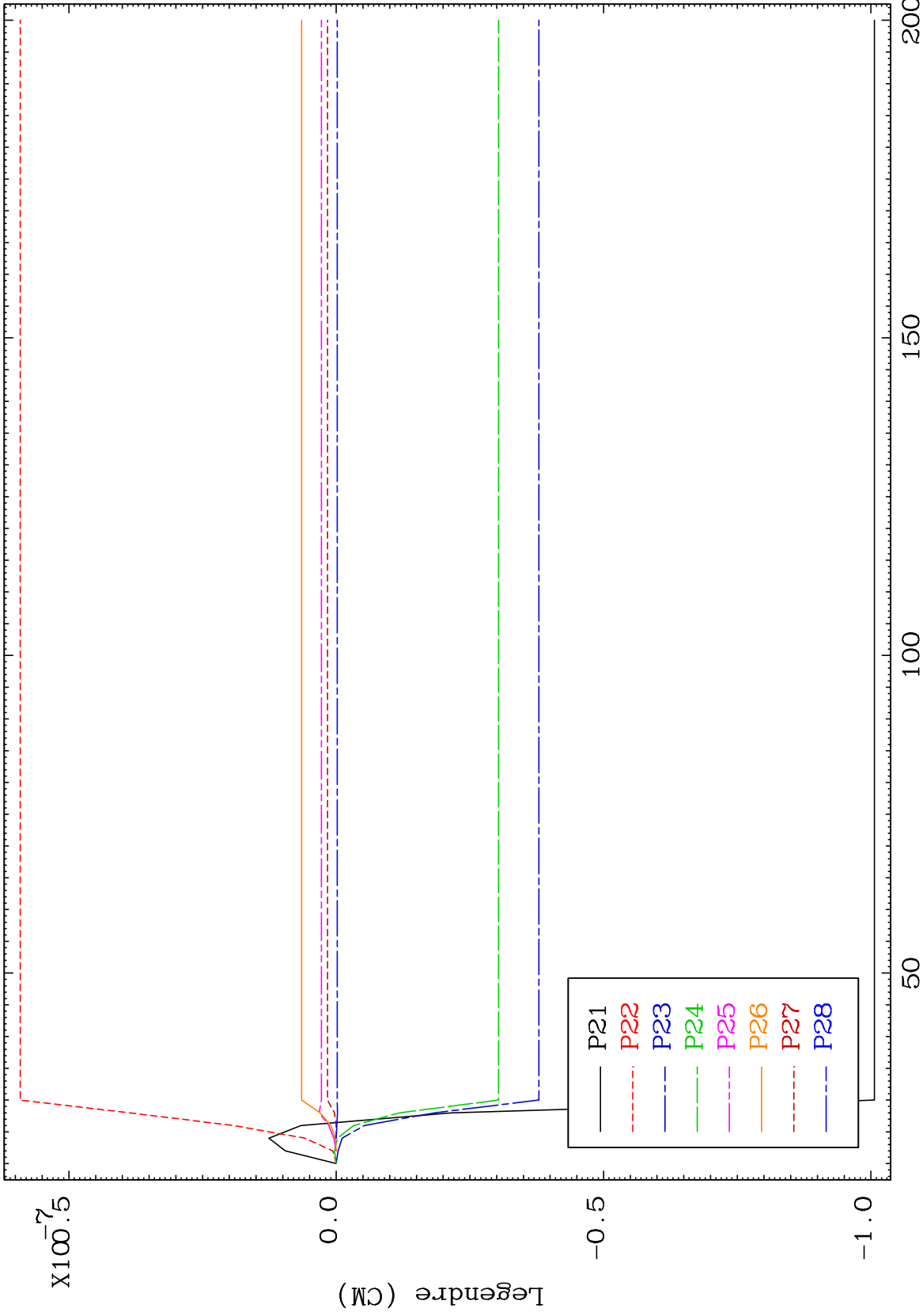
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



62-Sm-158

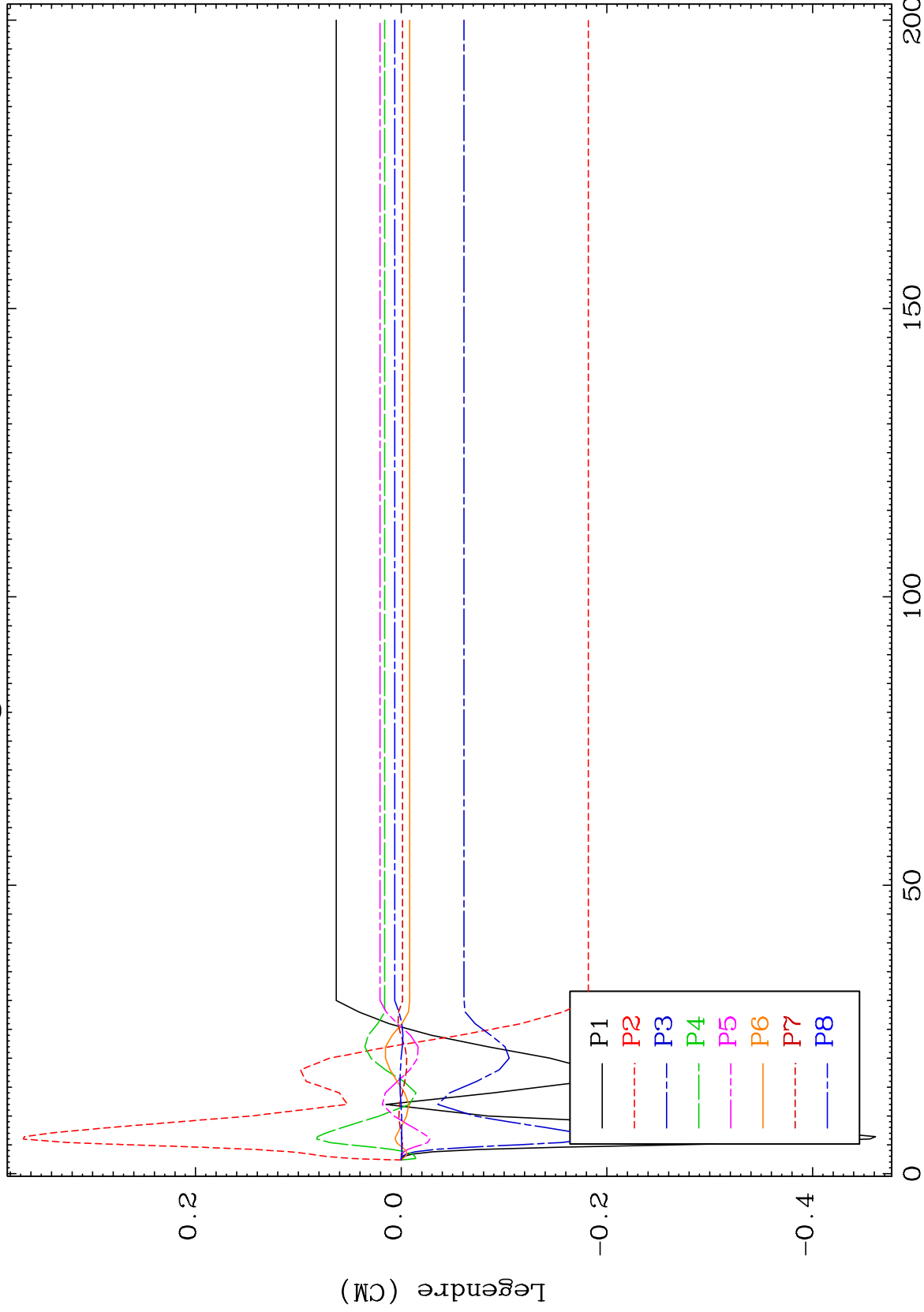
Incident Energy (MeV)

55

MAT 6267

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

62-Sm-158



56

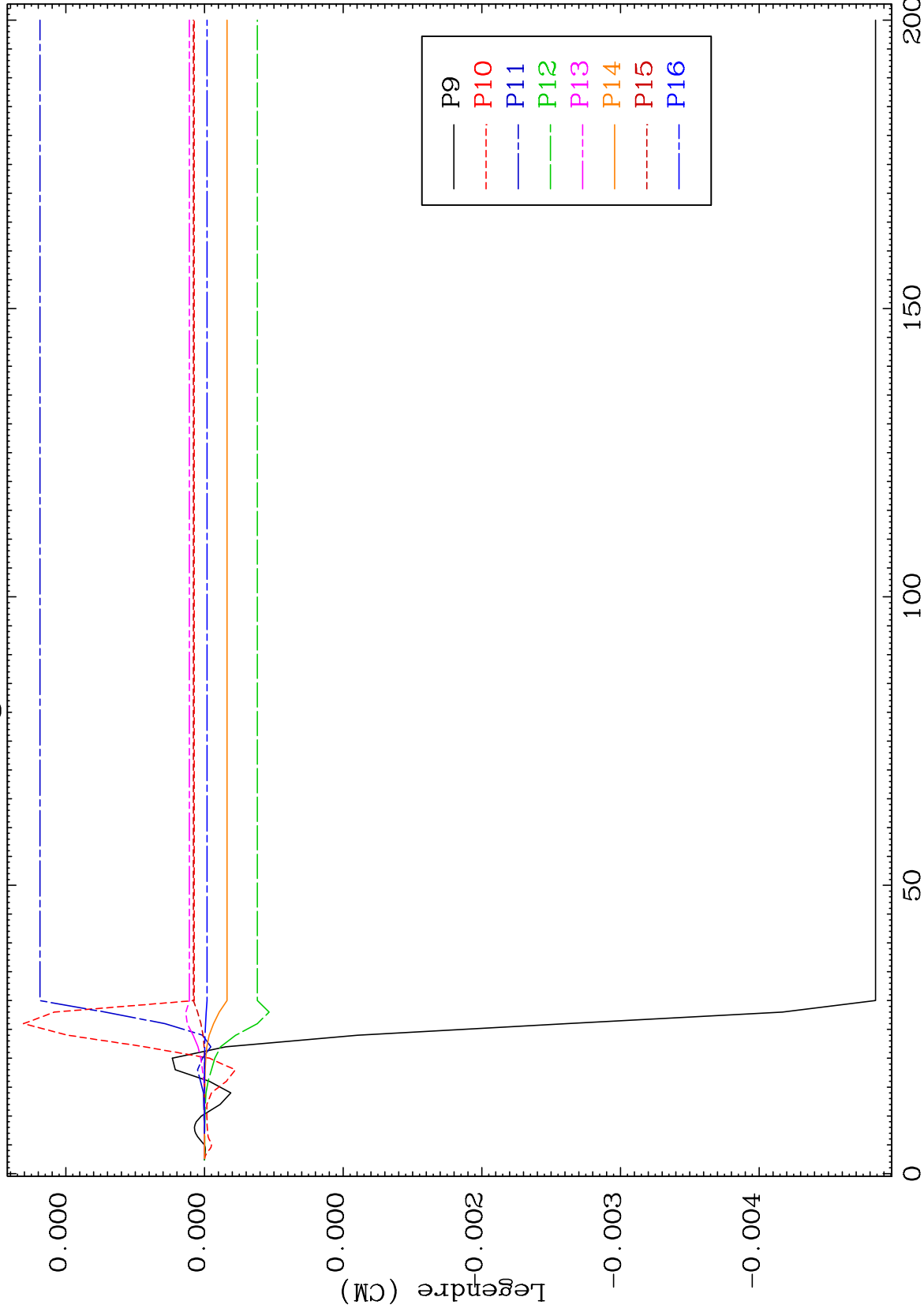
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



57

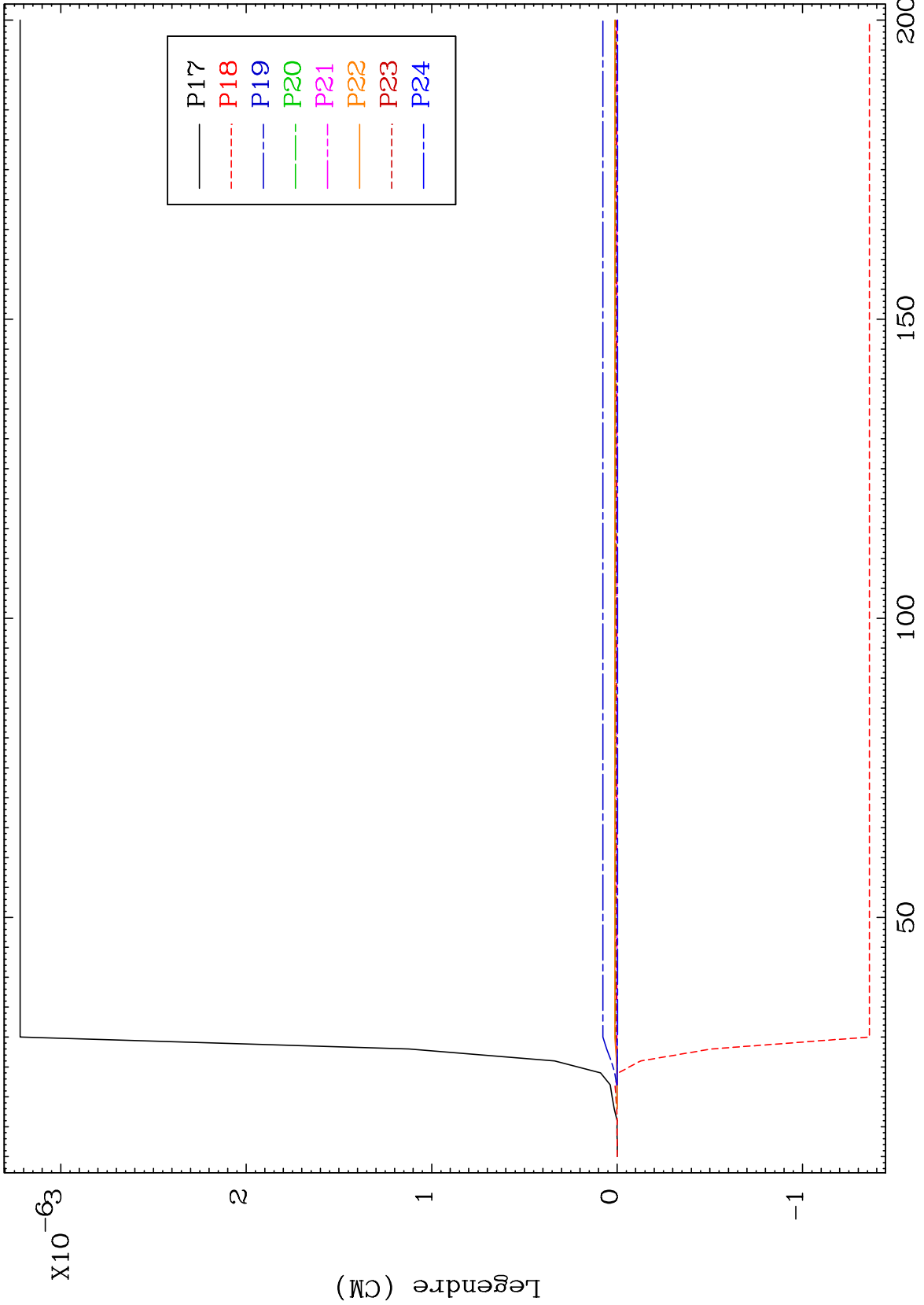
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



58

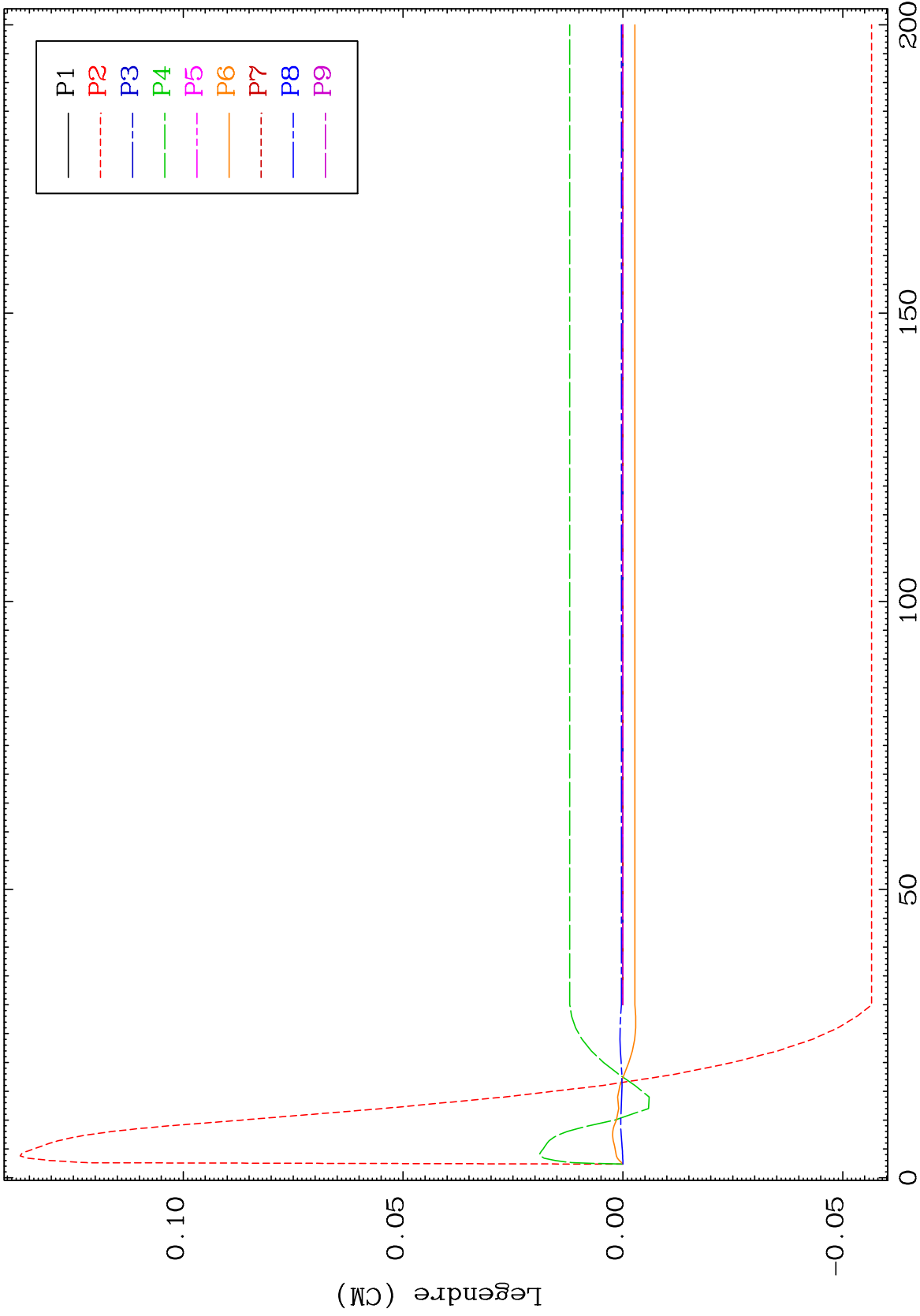
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



59

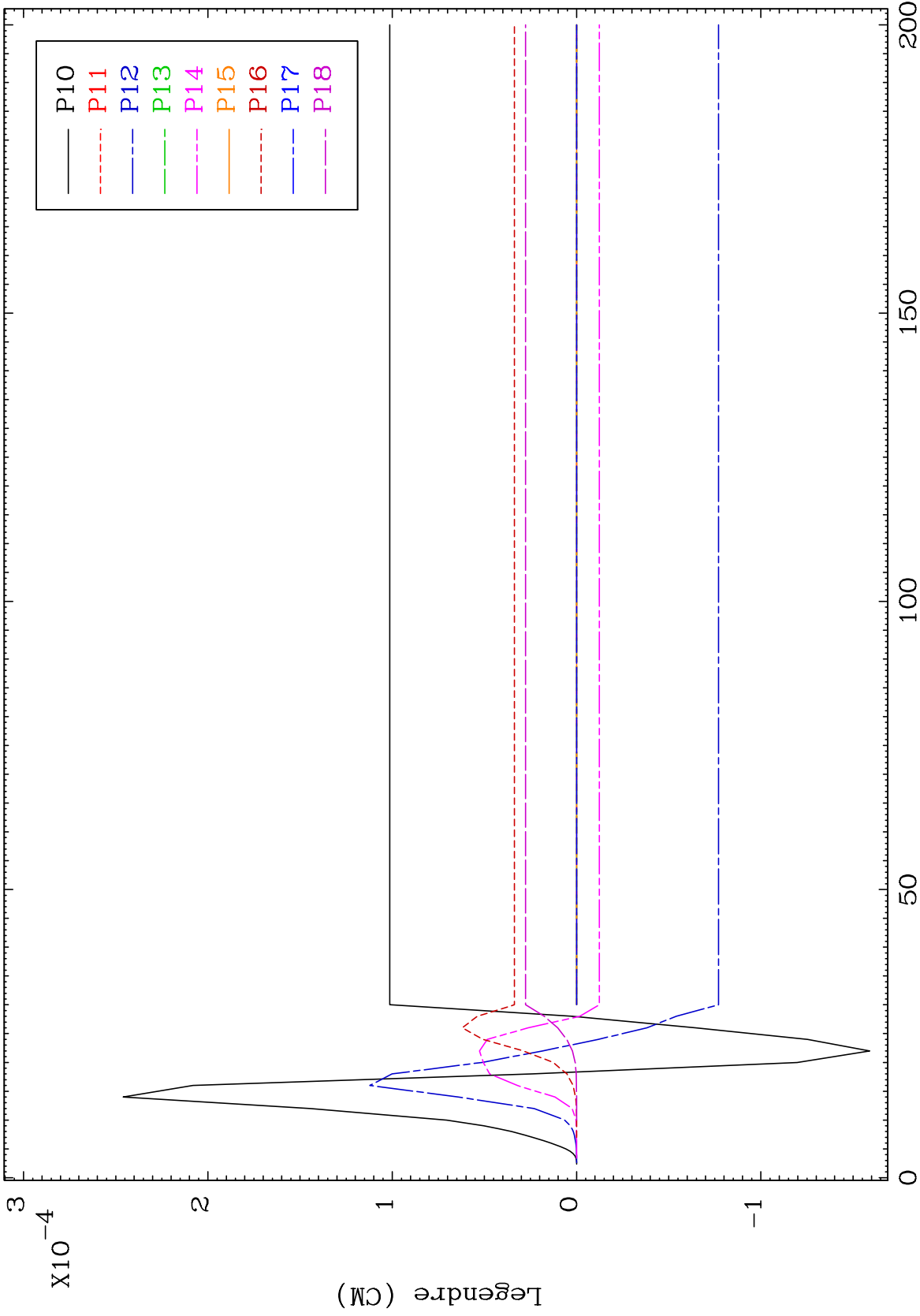
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158

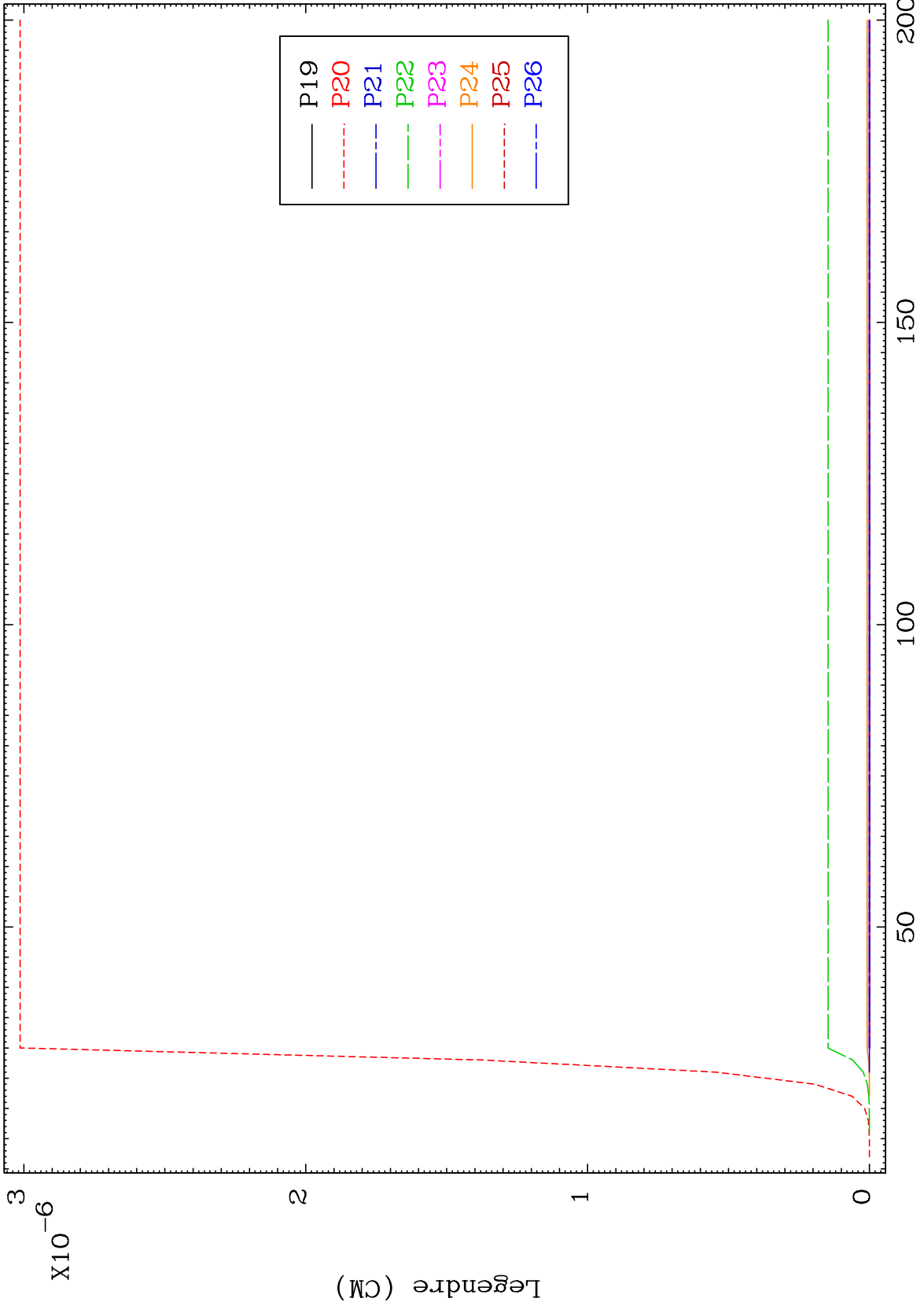


60

Incident Energy (MeV)

62-Sm-158

MAT 6267 MT= 62 (n,n') Level Legendre Coefficients 62-Sm-158

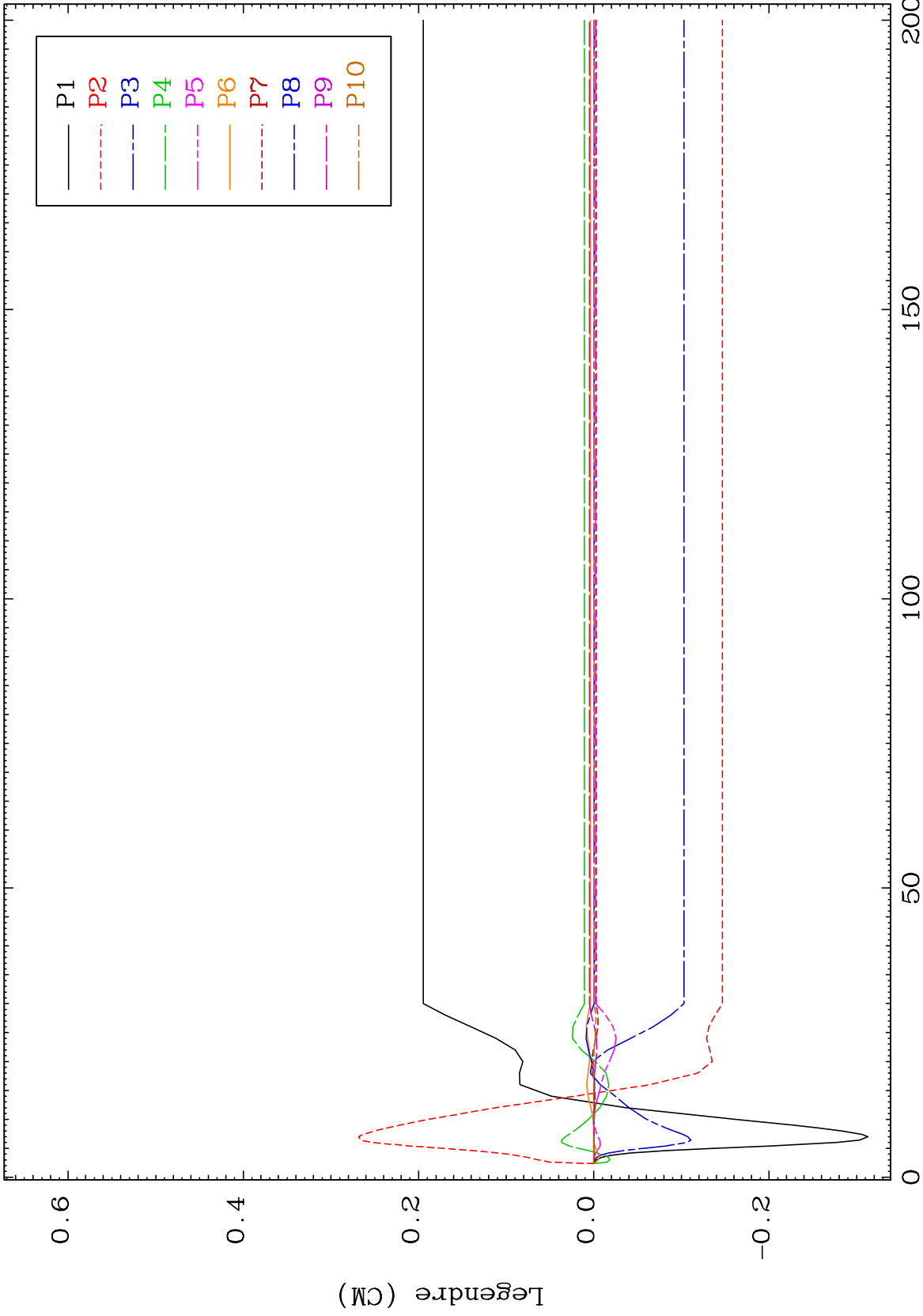


61 Incident Energy (MeV) 62-Sm-158

MAT 6267

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

62-Sm-158



62

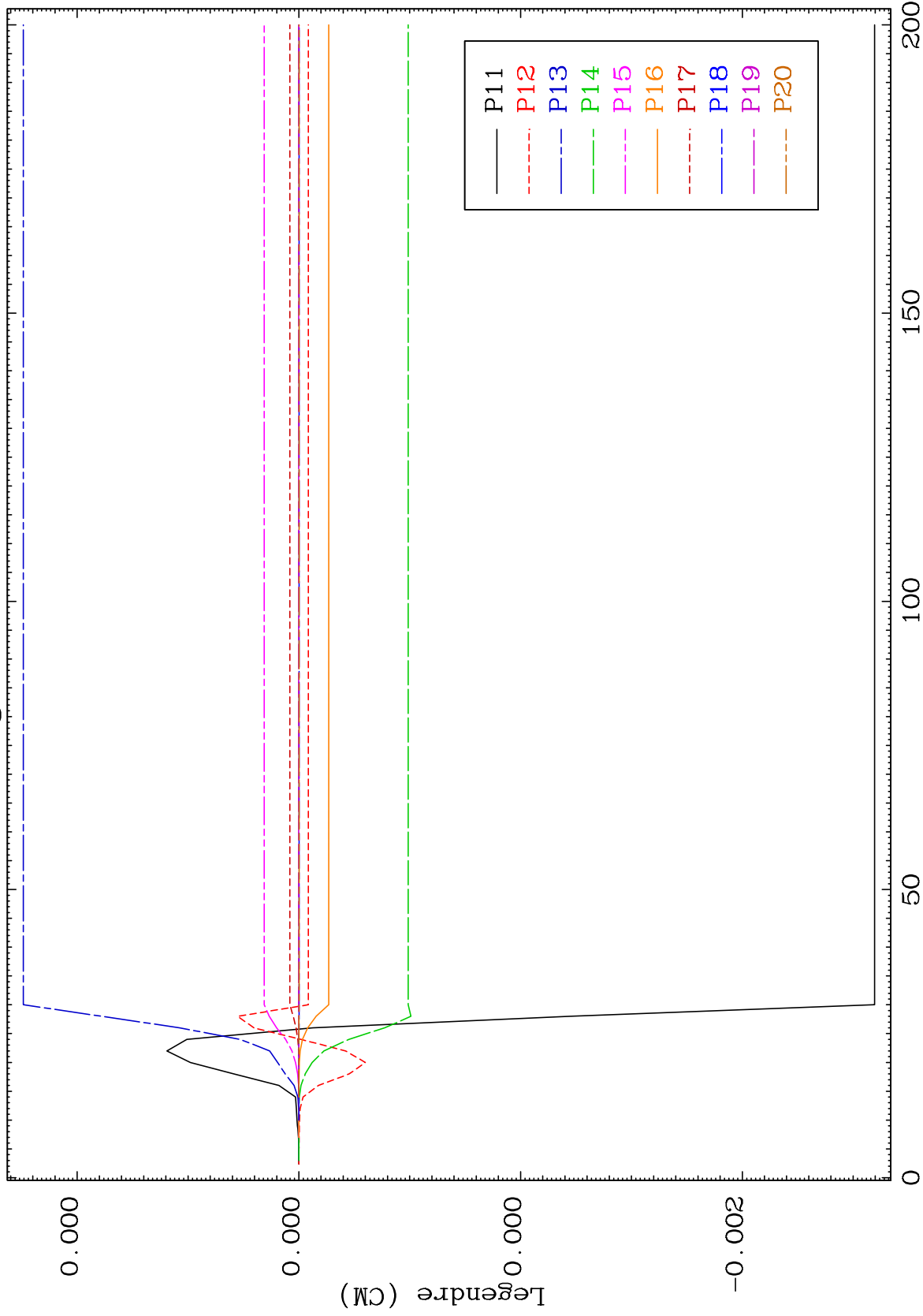
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



63

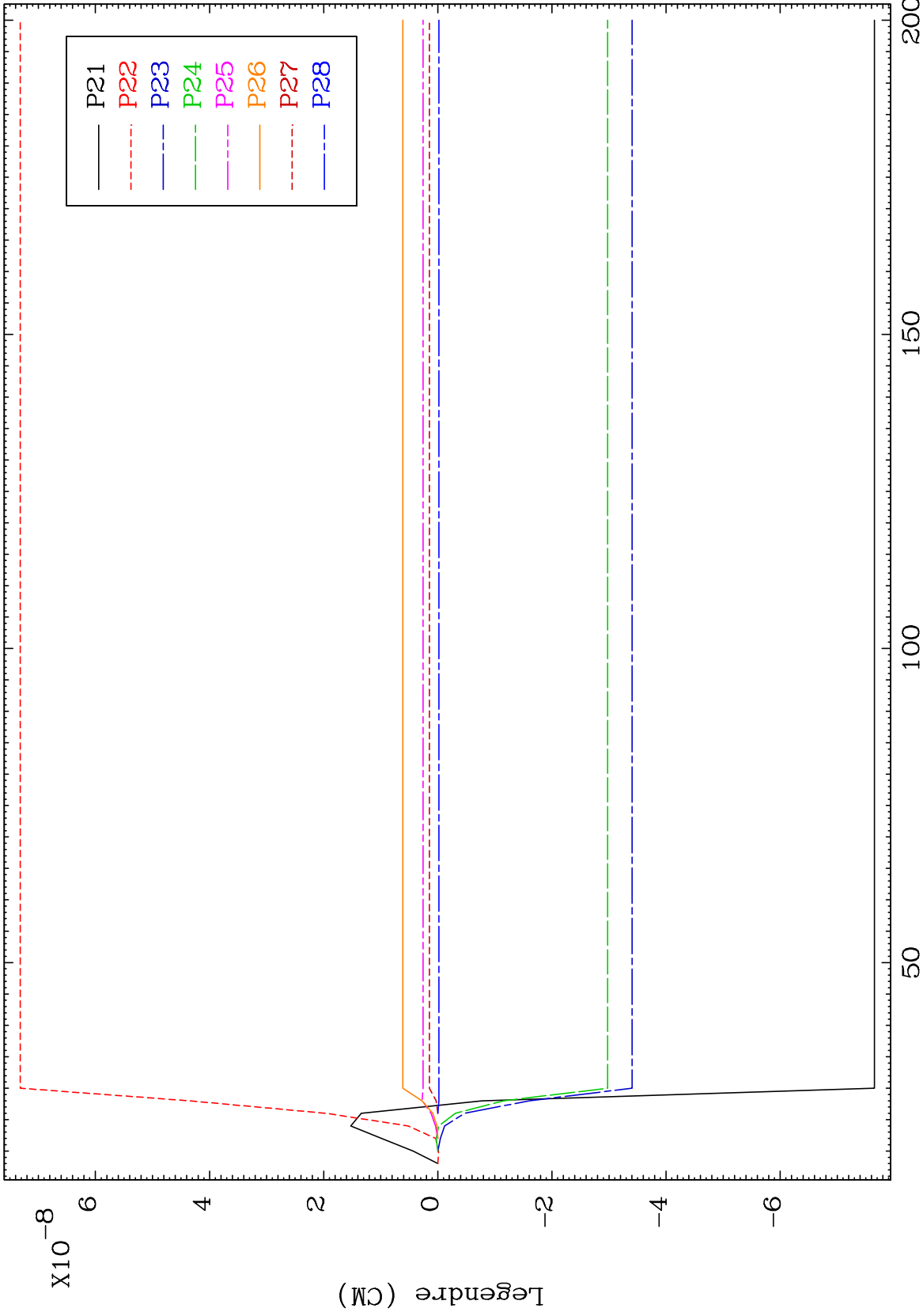
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



64

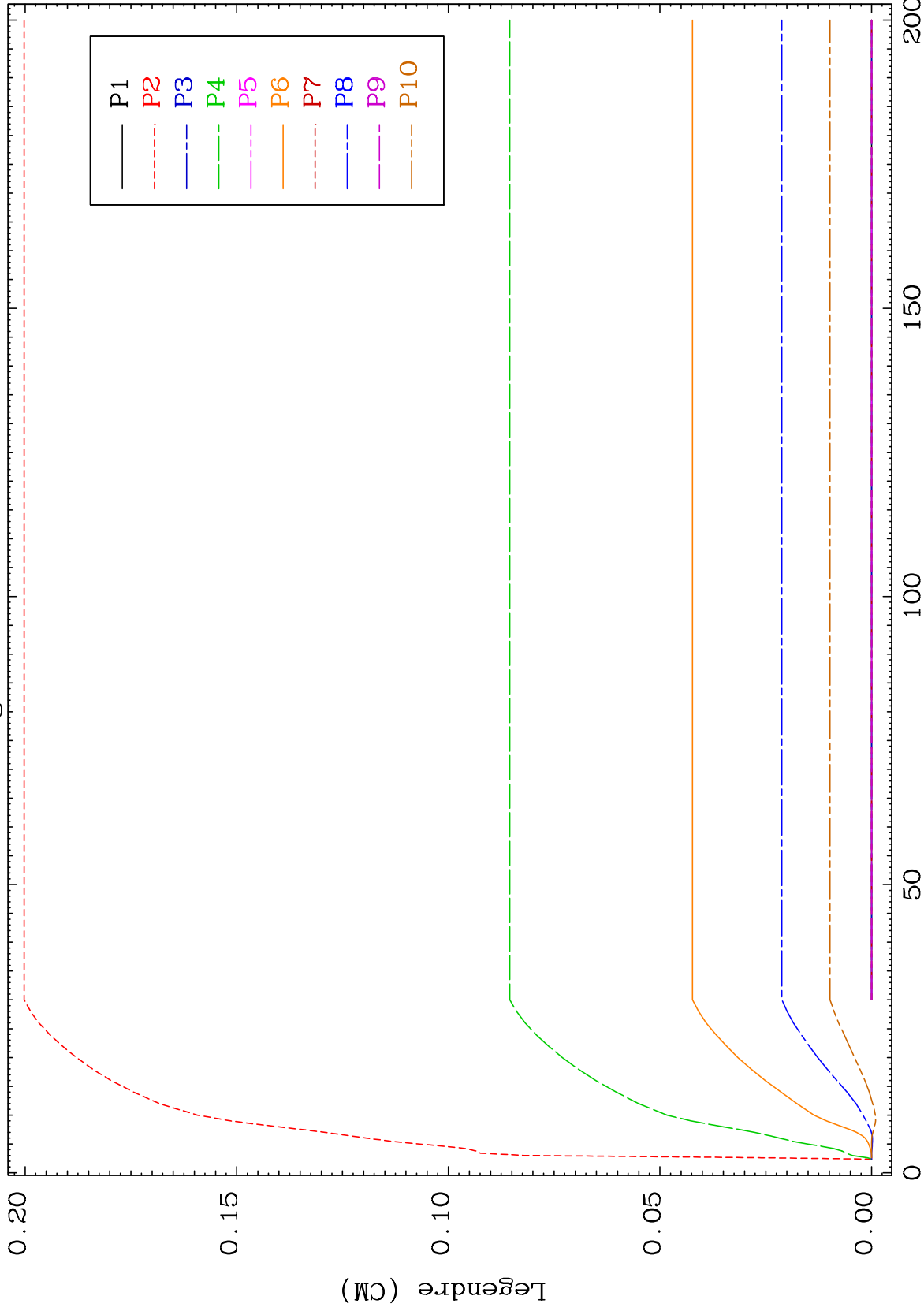
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



65

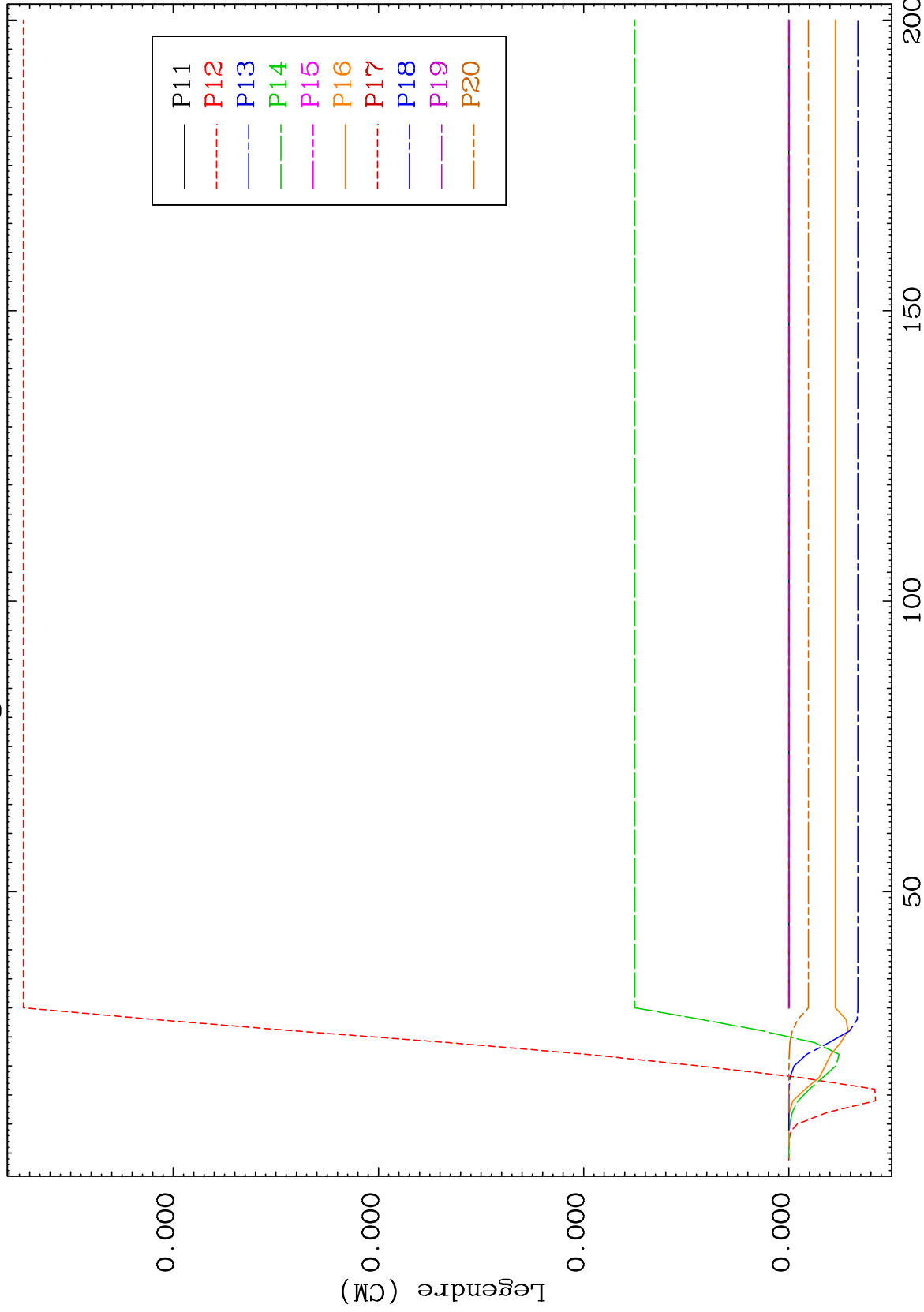
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



66

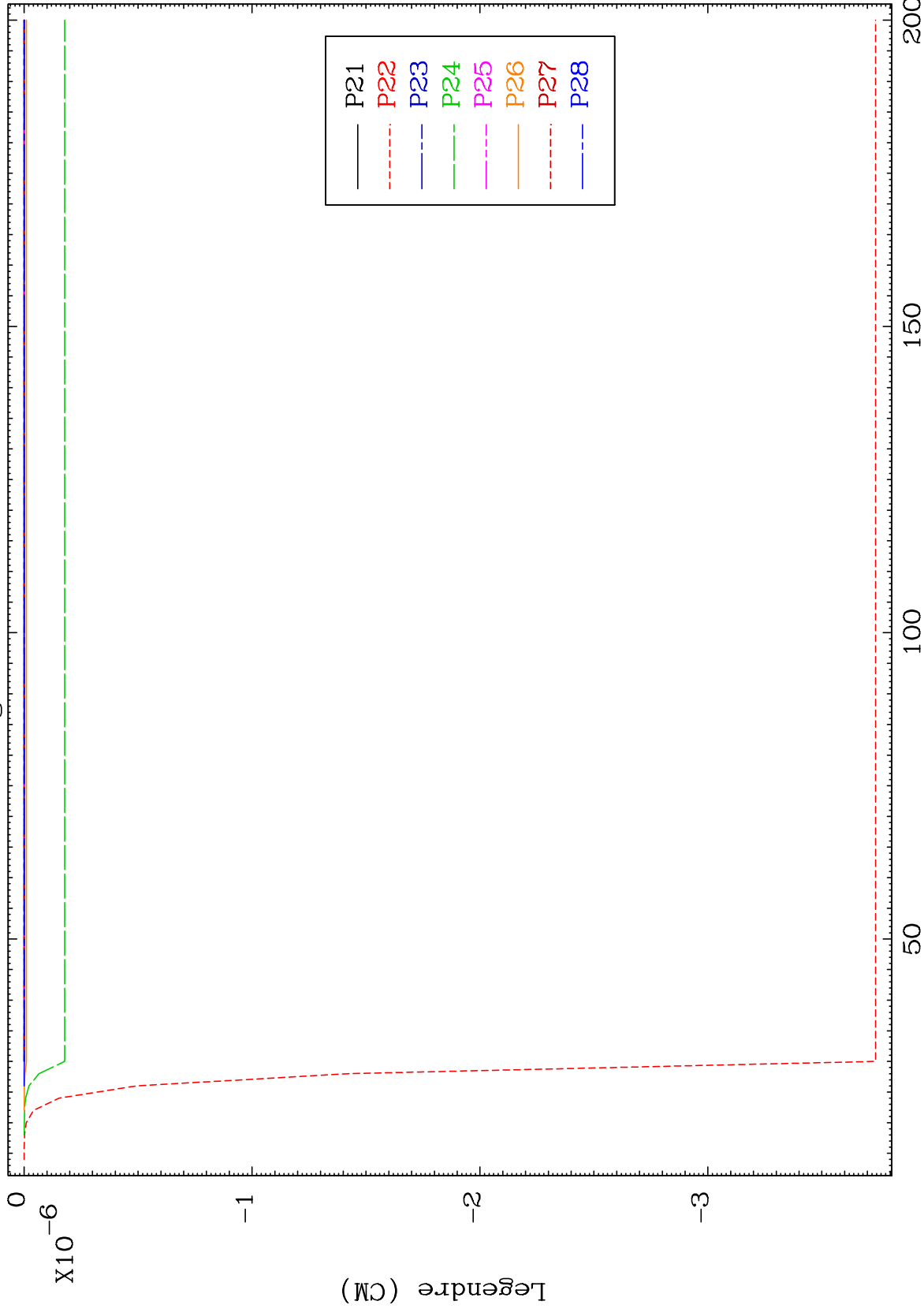
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



62-Sm-158

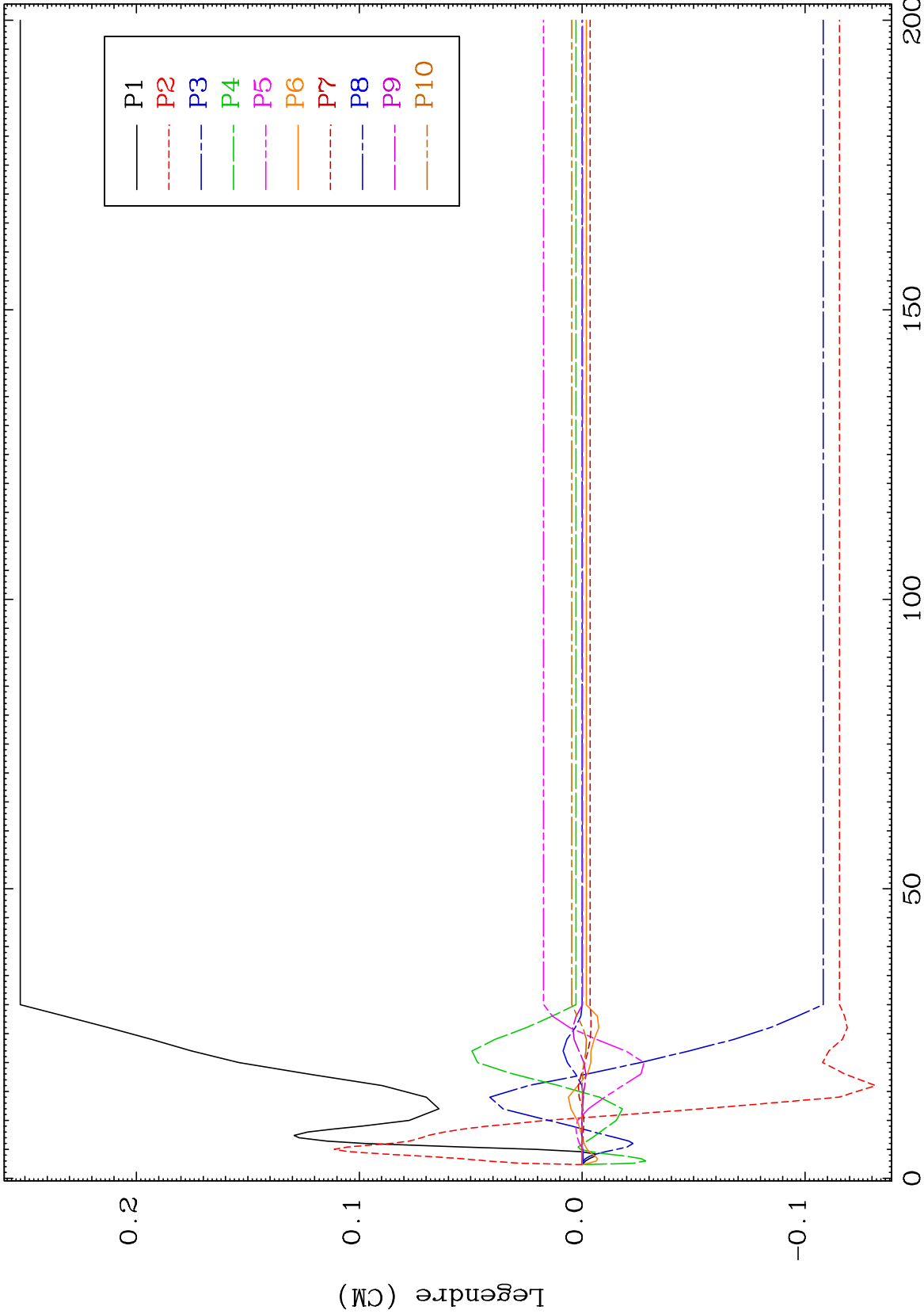
Incident Energy (MeV)

67

MAT 6267

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

62-Sm-158



68

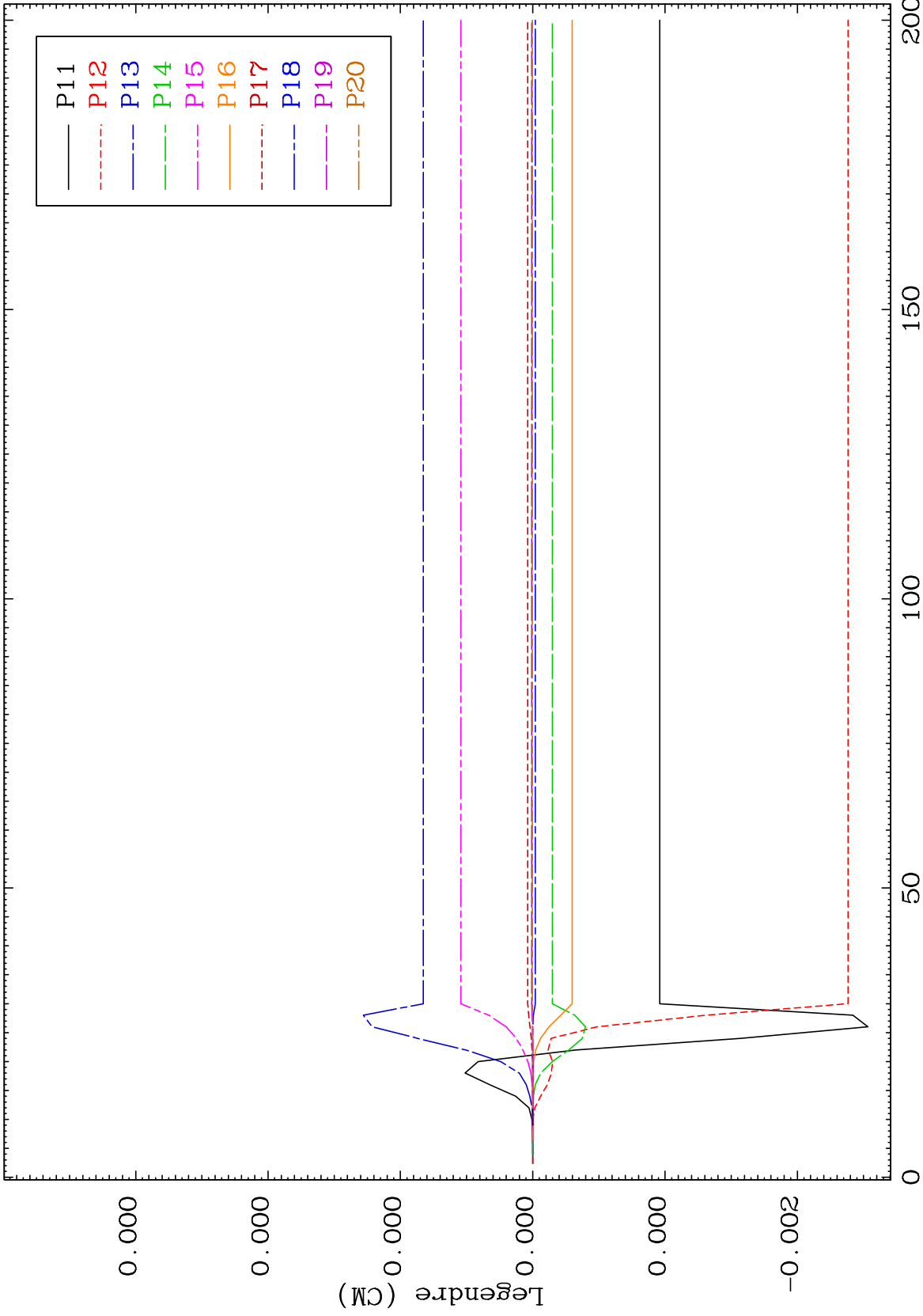
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



69

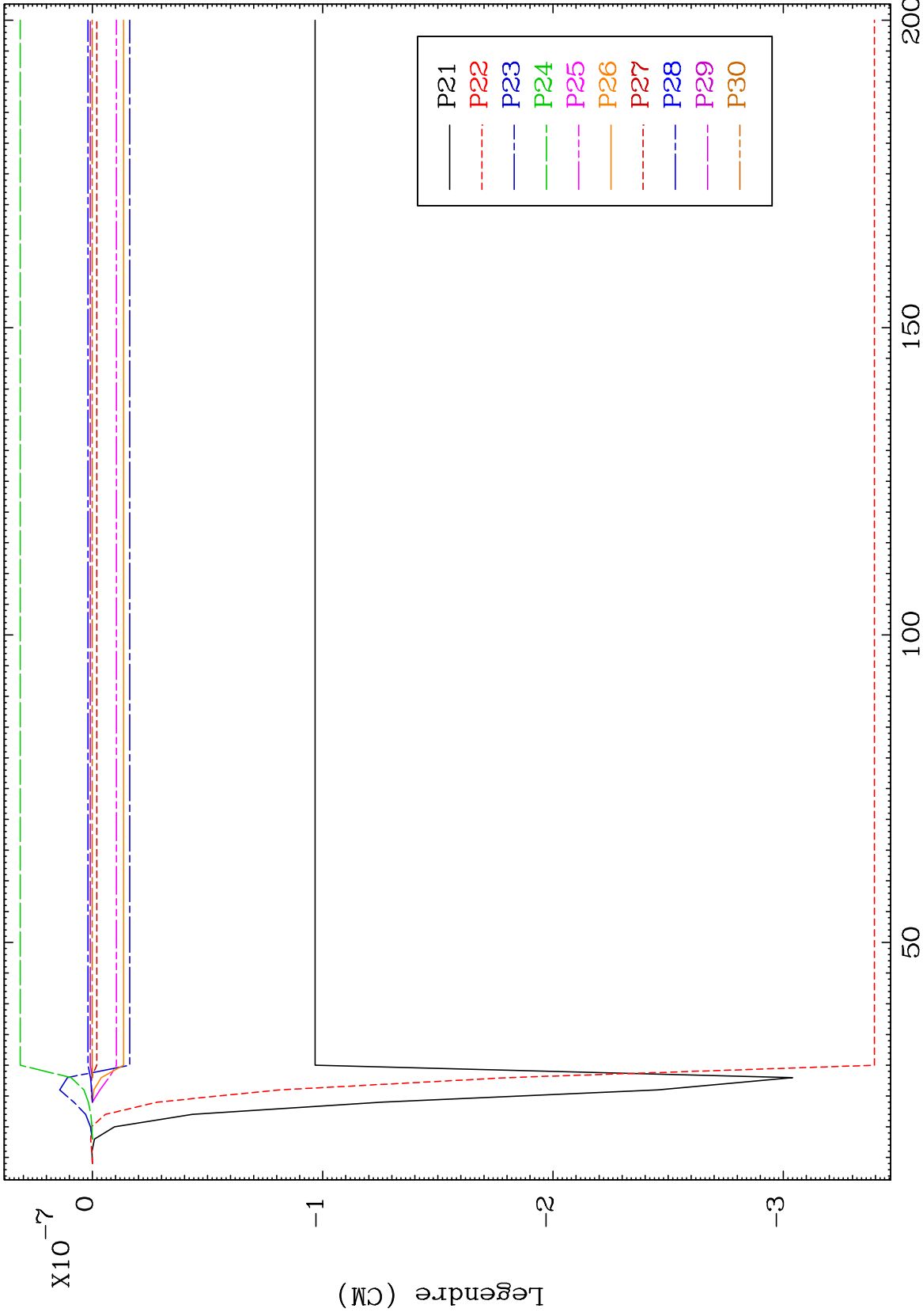
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



70

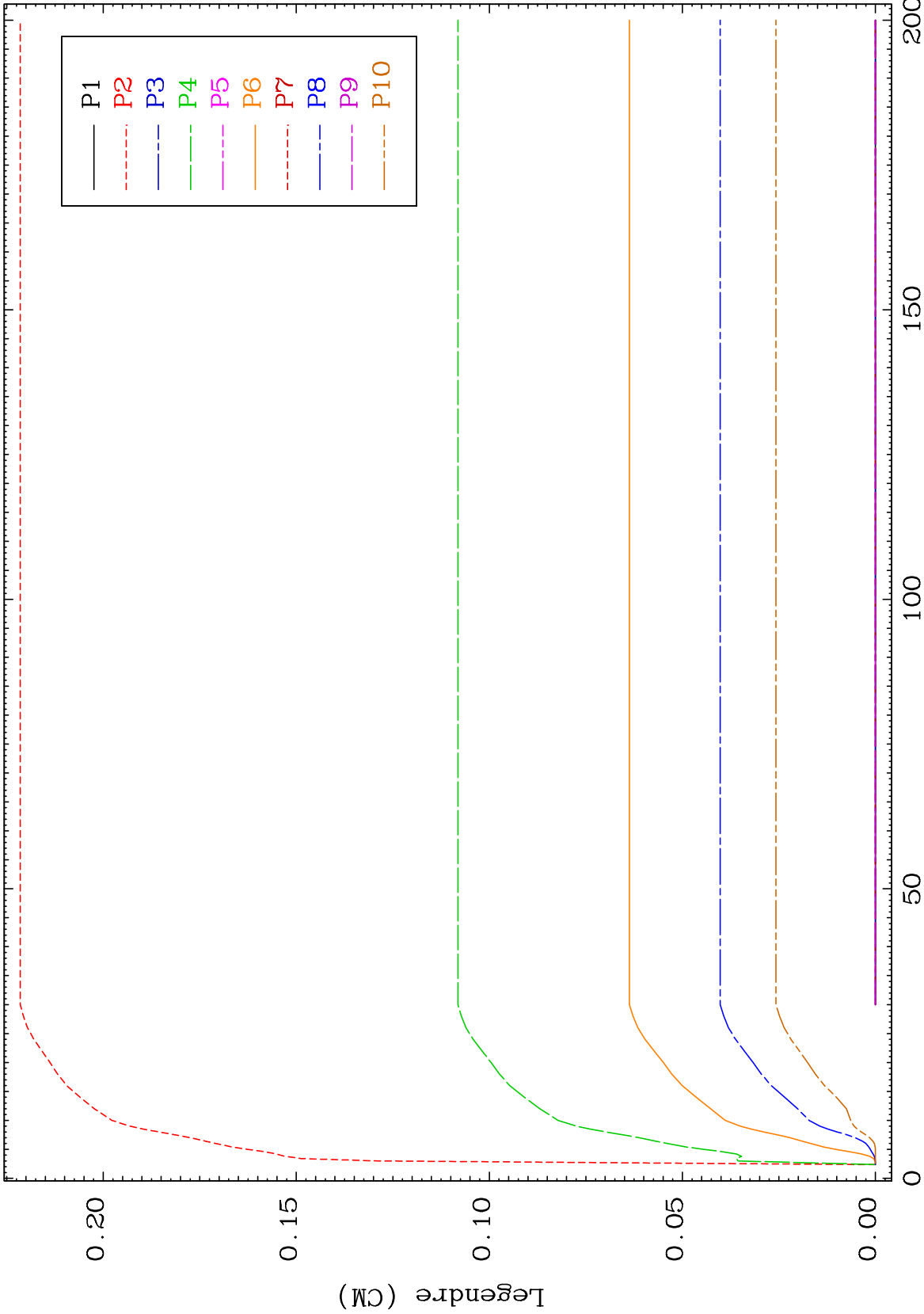
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



71

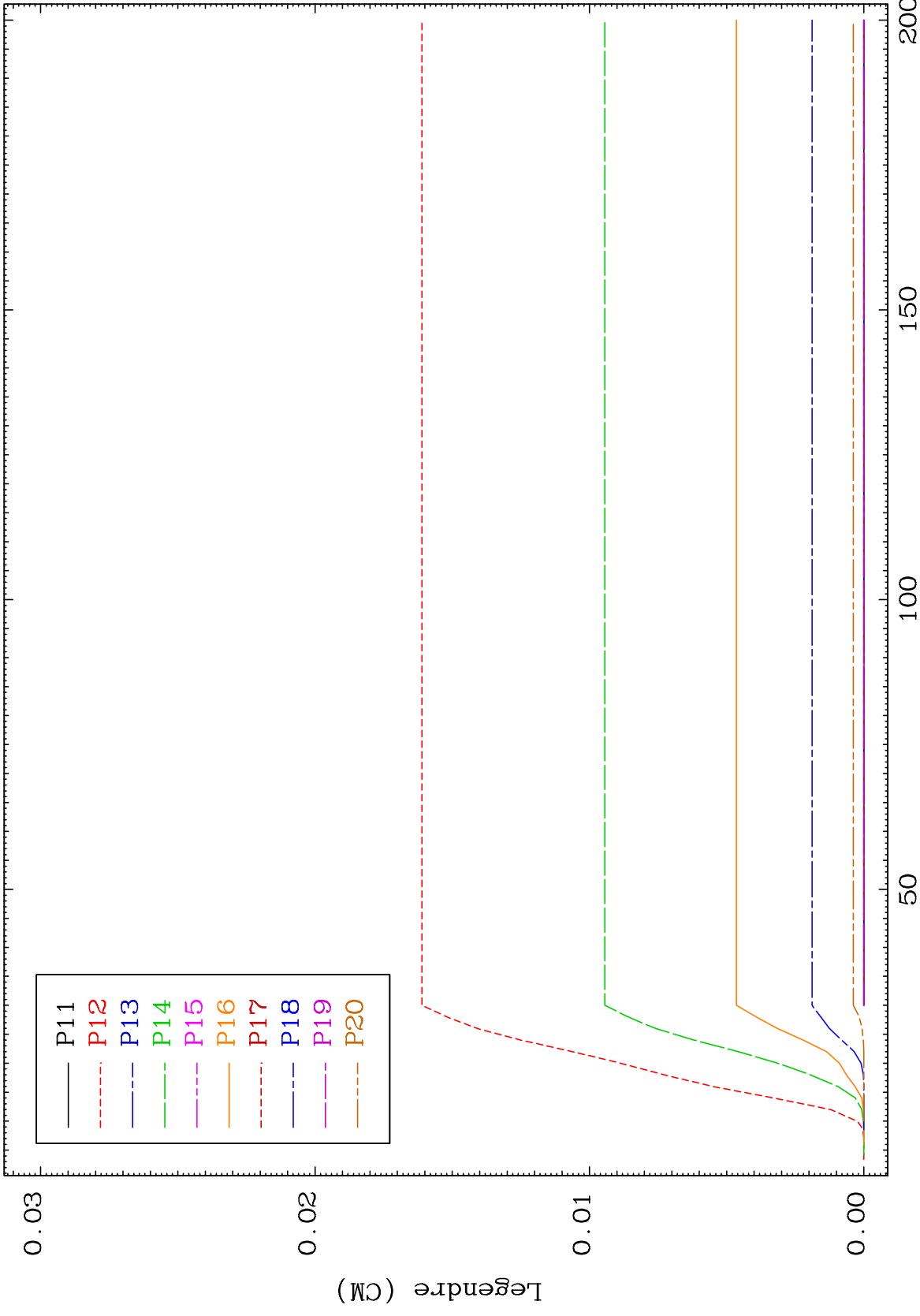
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



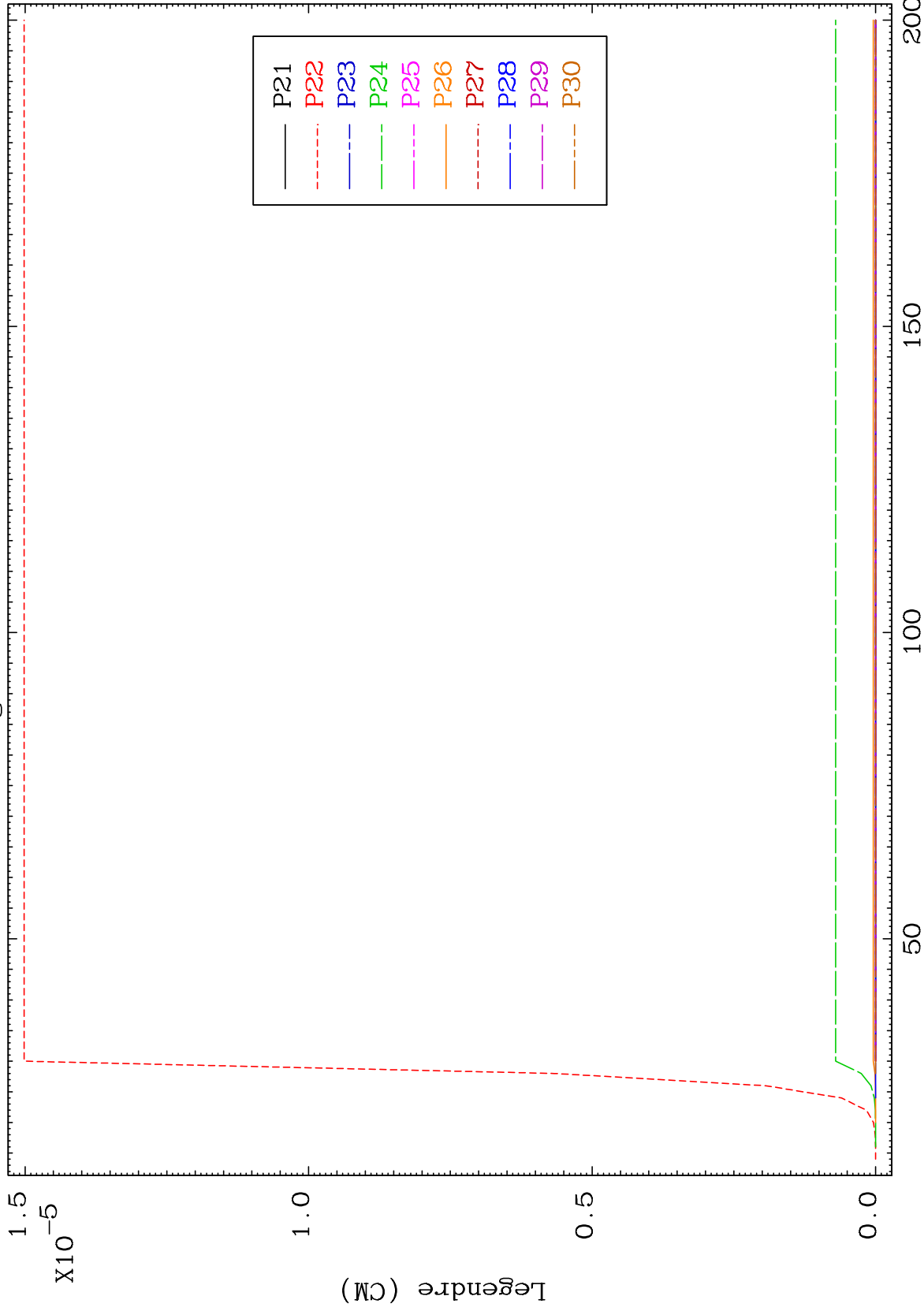
72

62-Sm-158

MAT 6267

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

62-Sm-158



73

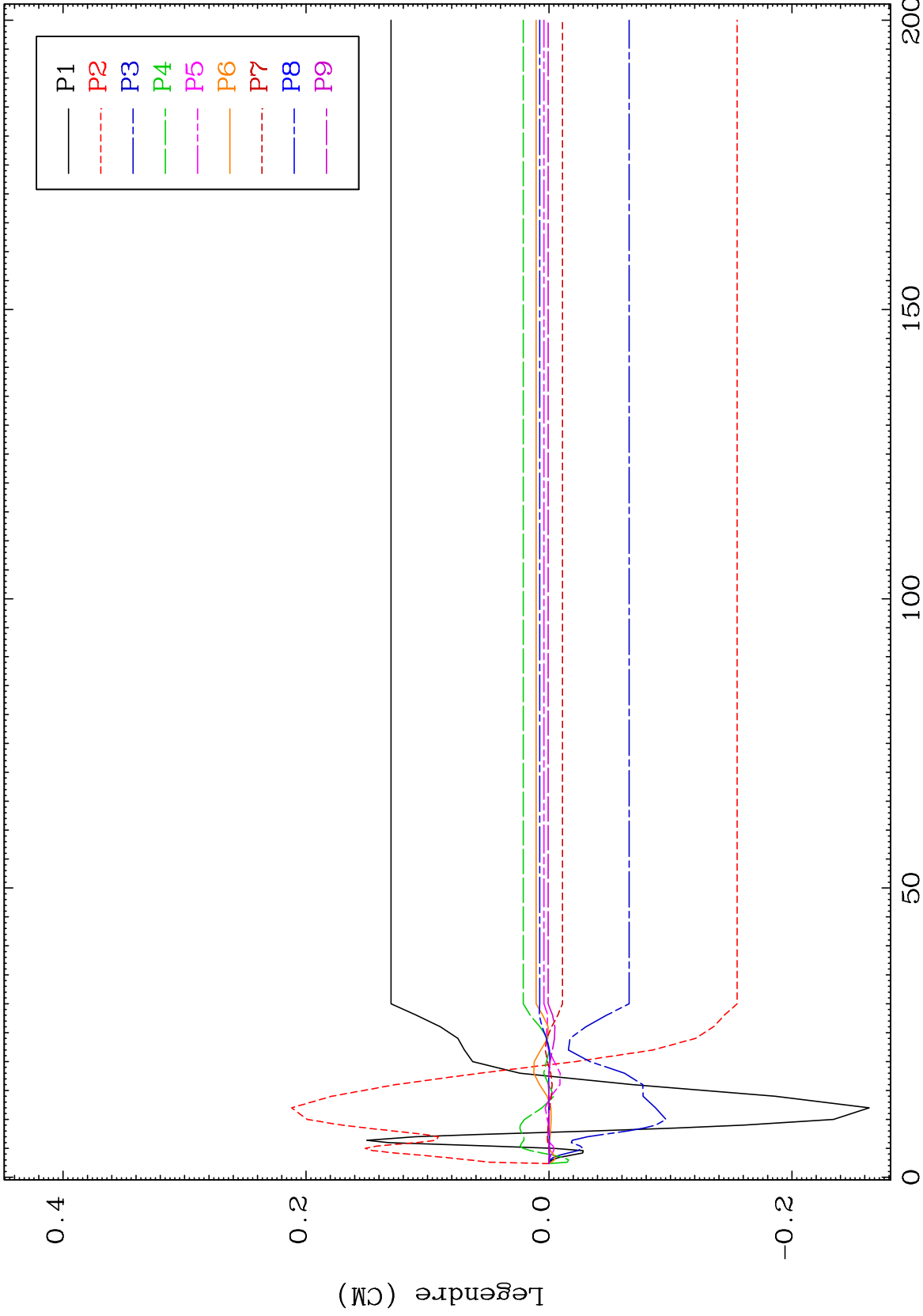
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



74

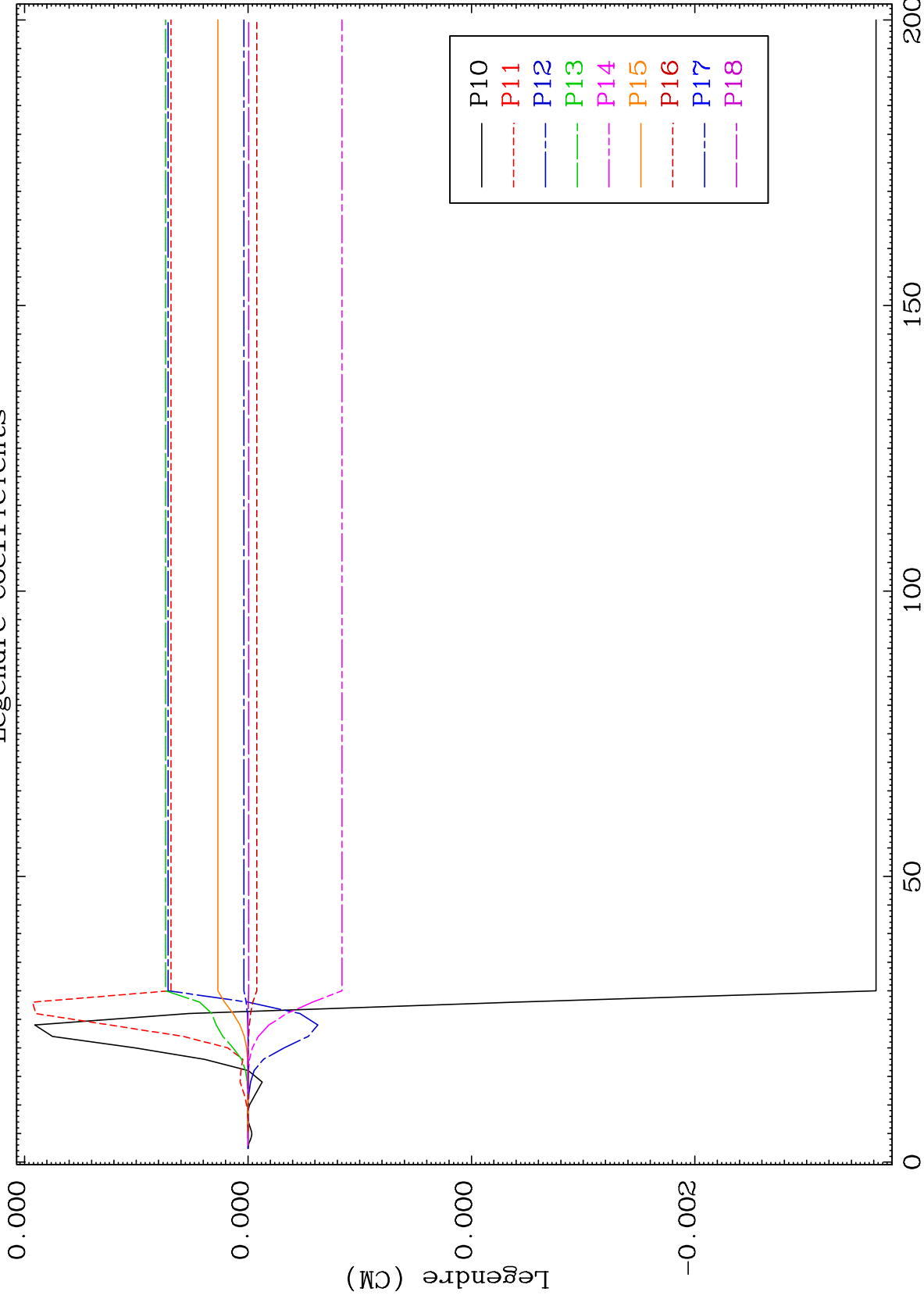
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



75

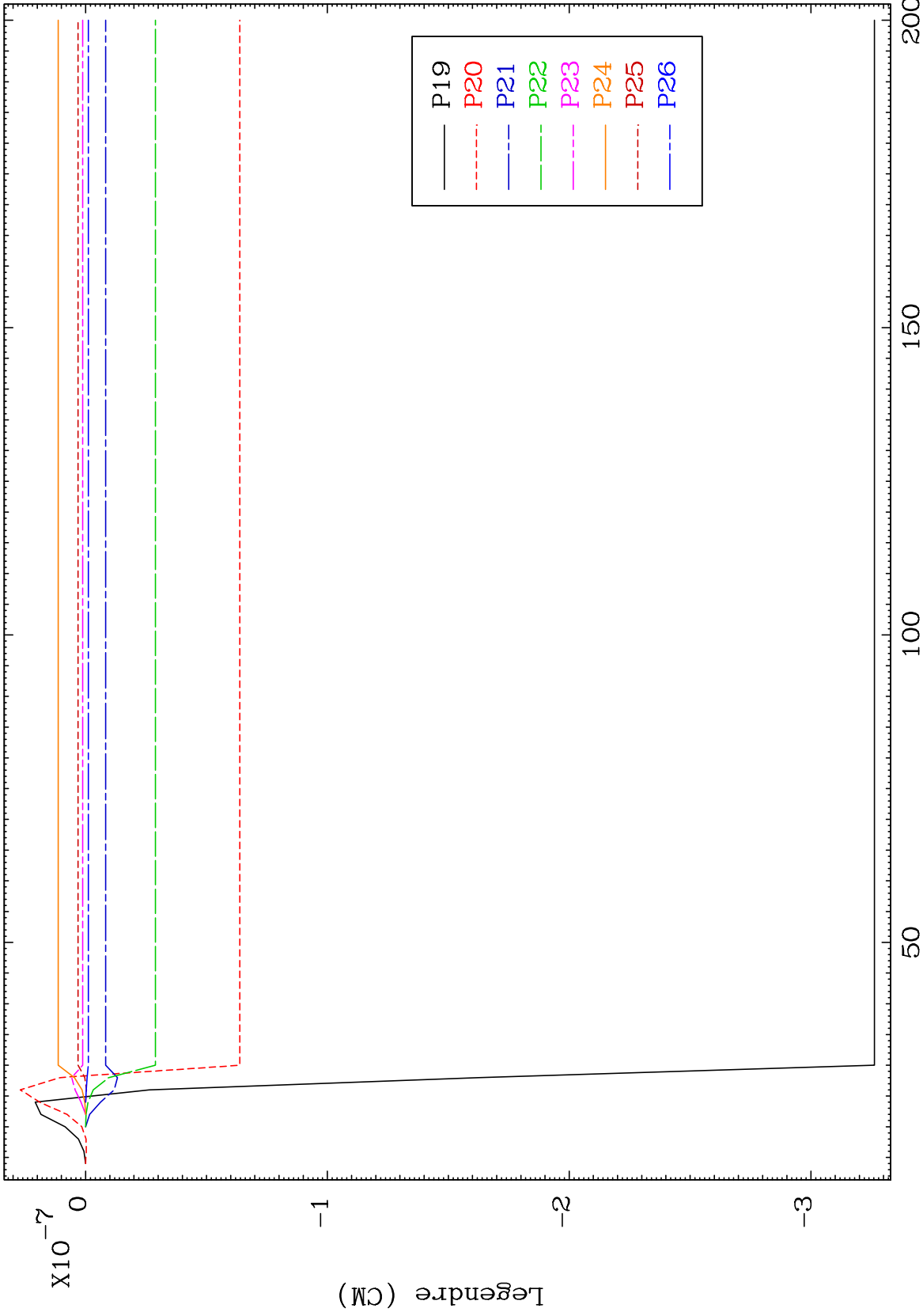
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158

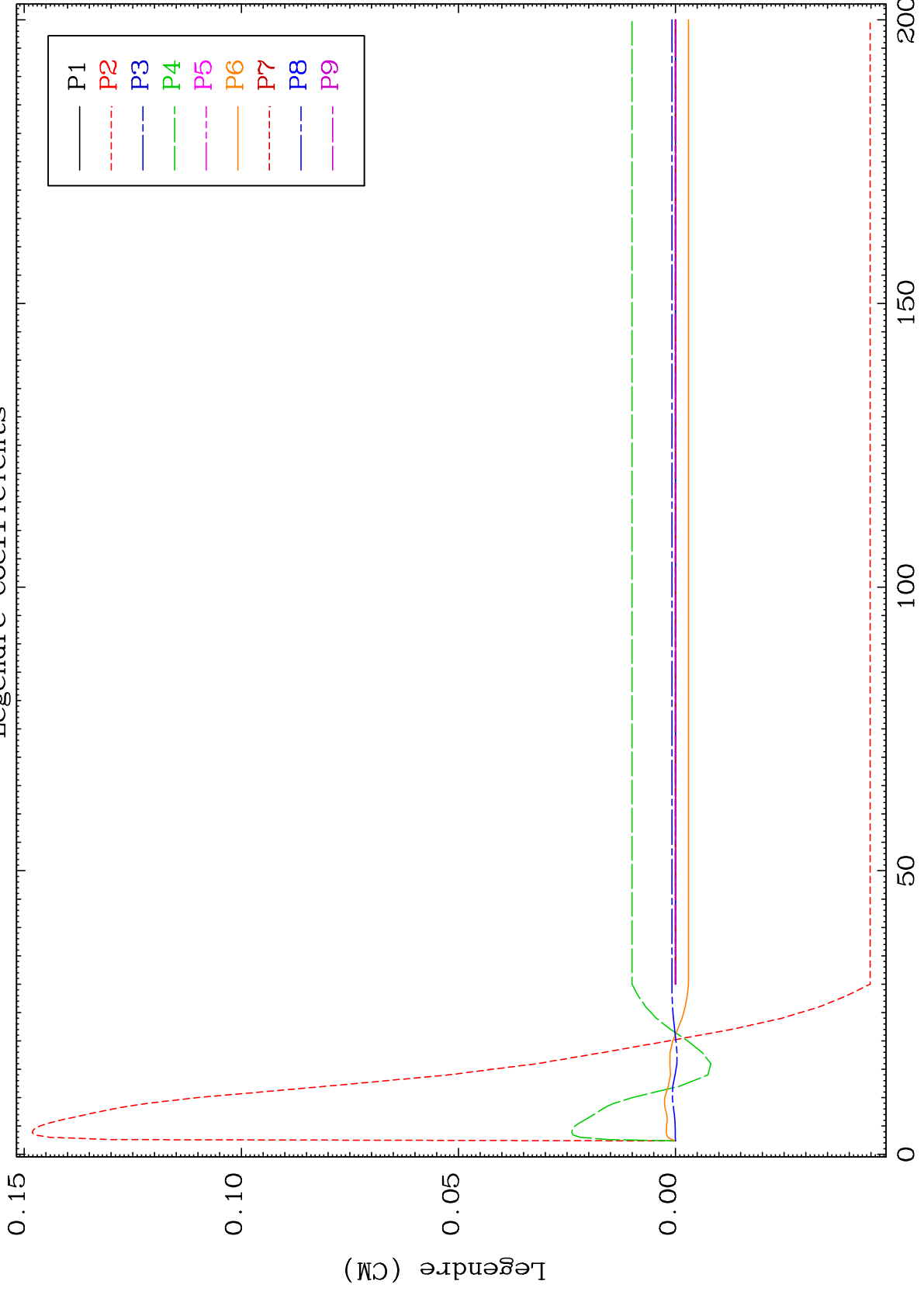


76

Incident Energy (MeV)

62-Sm-158

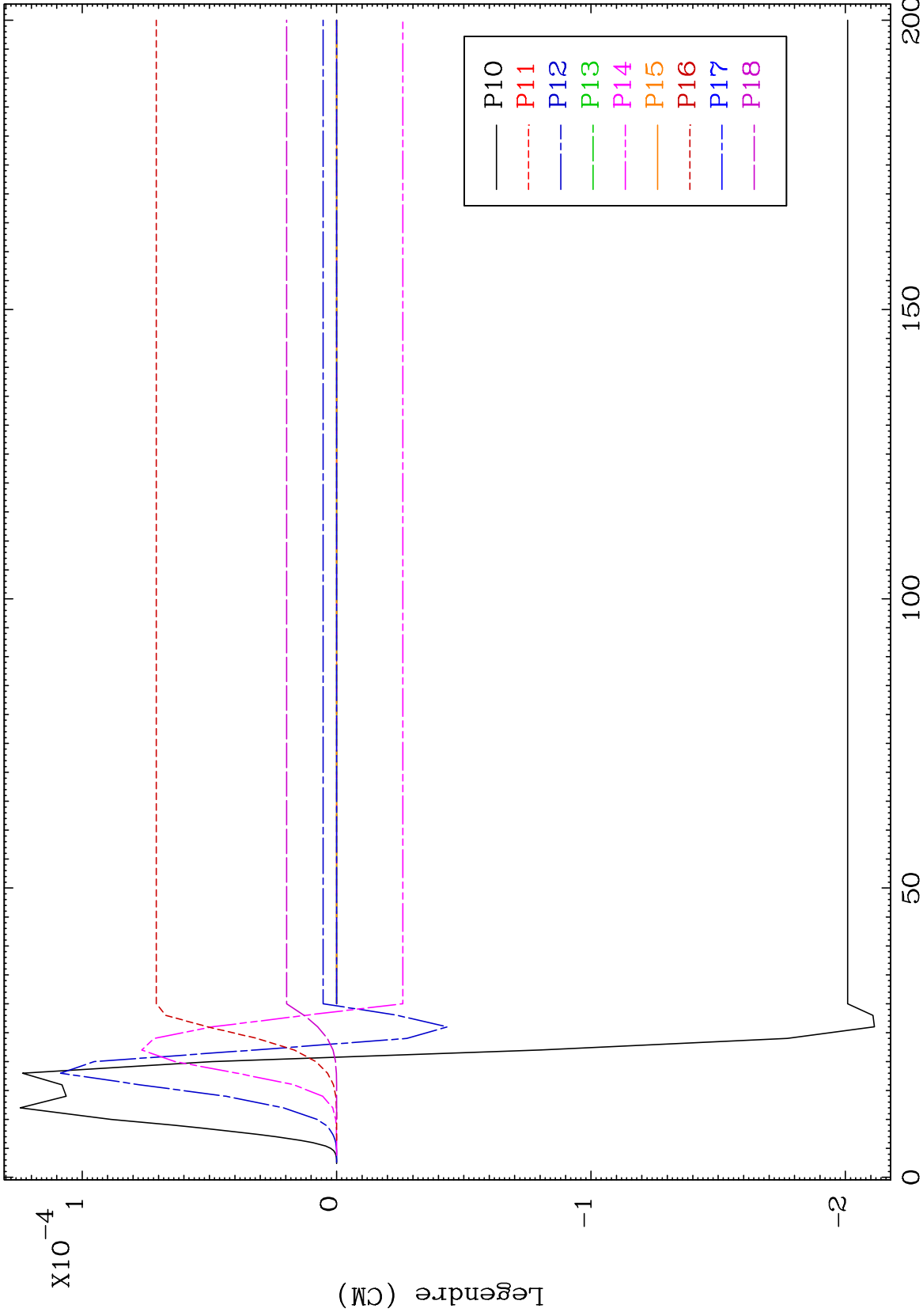
MAT 6267 MT= 68 (n,n') Level Legendre Coefficients 62-Sm-158



MAT 6267

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

62-Sm-158



78

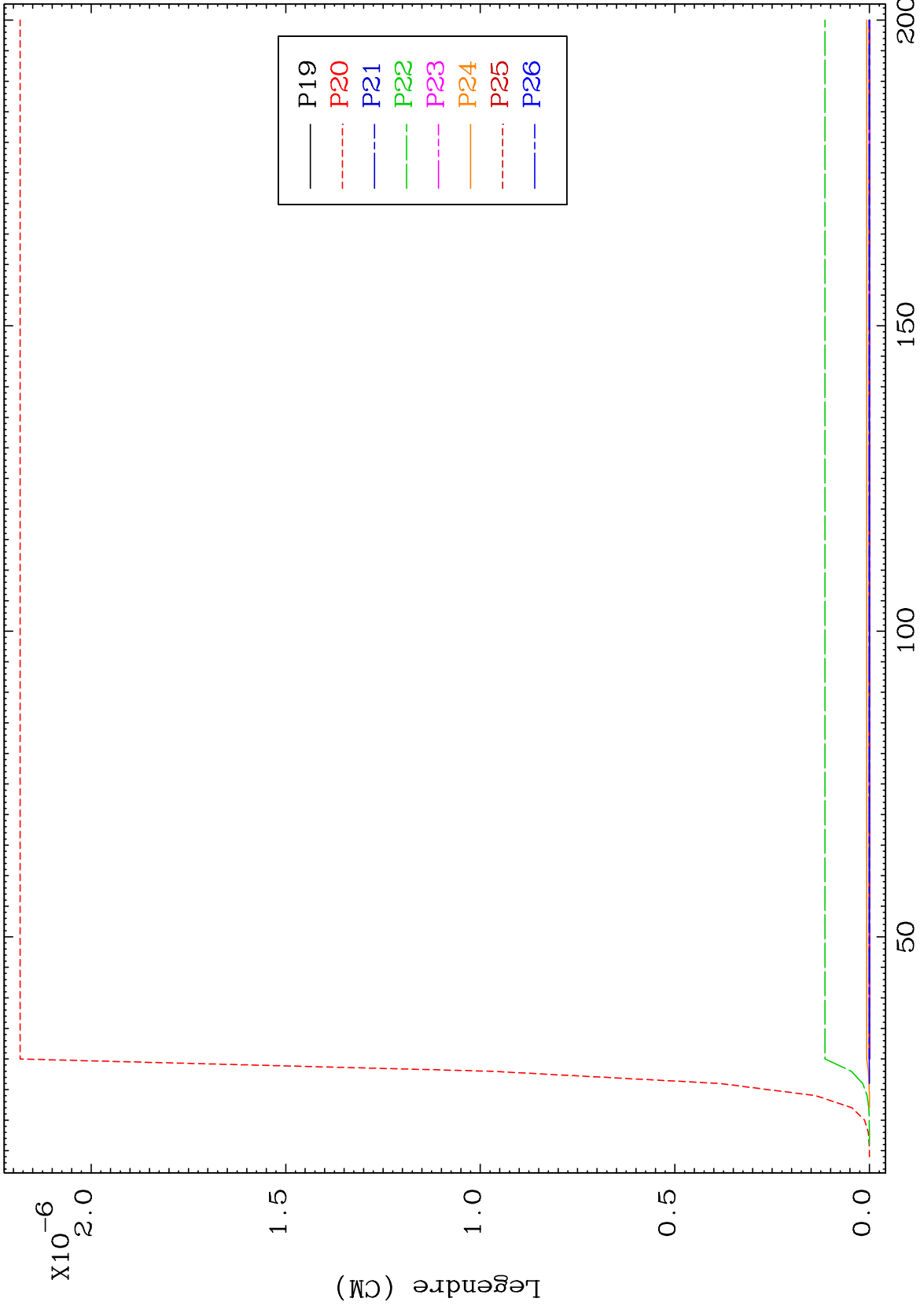
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



79

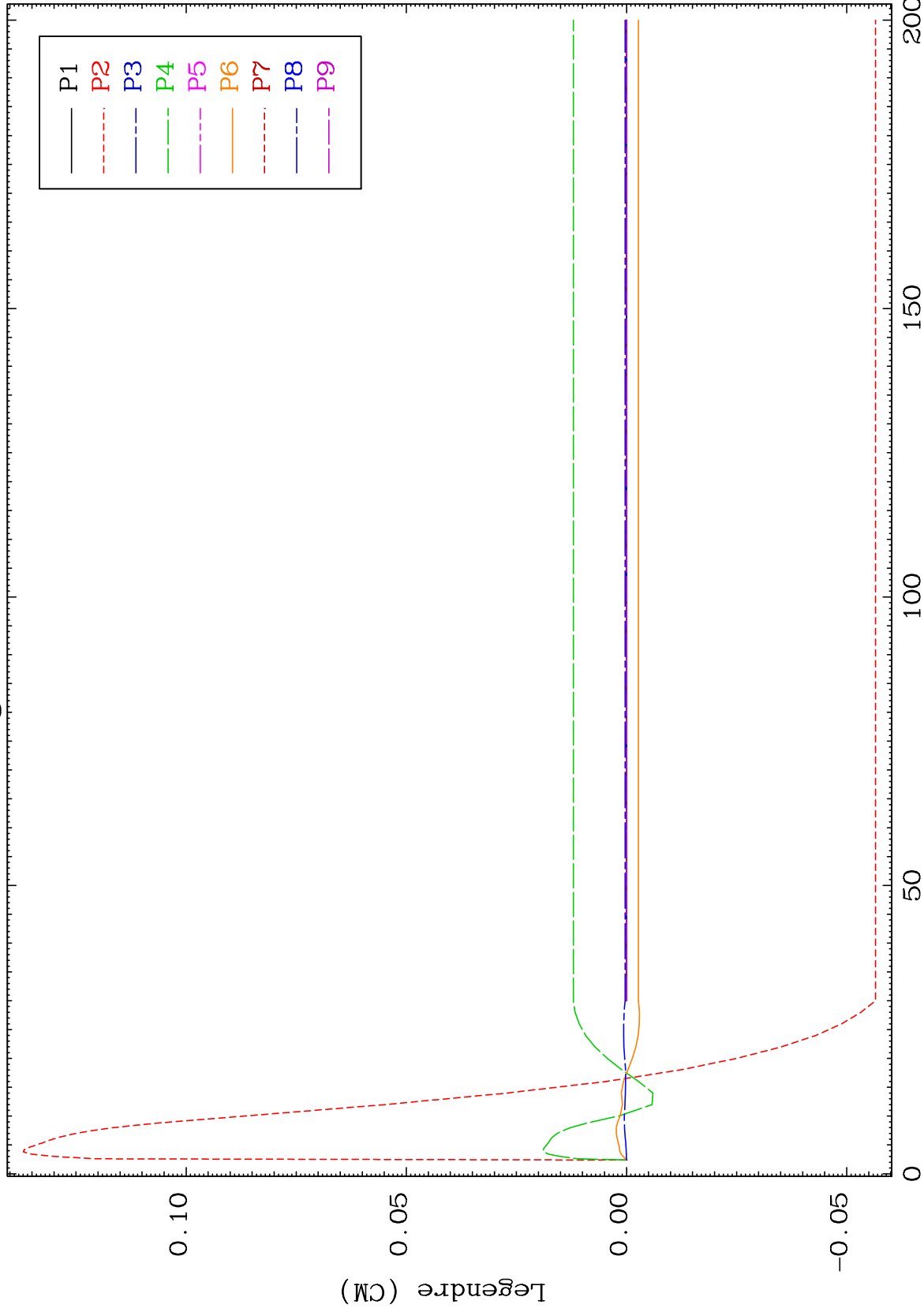
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



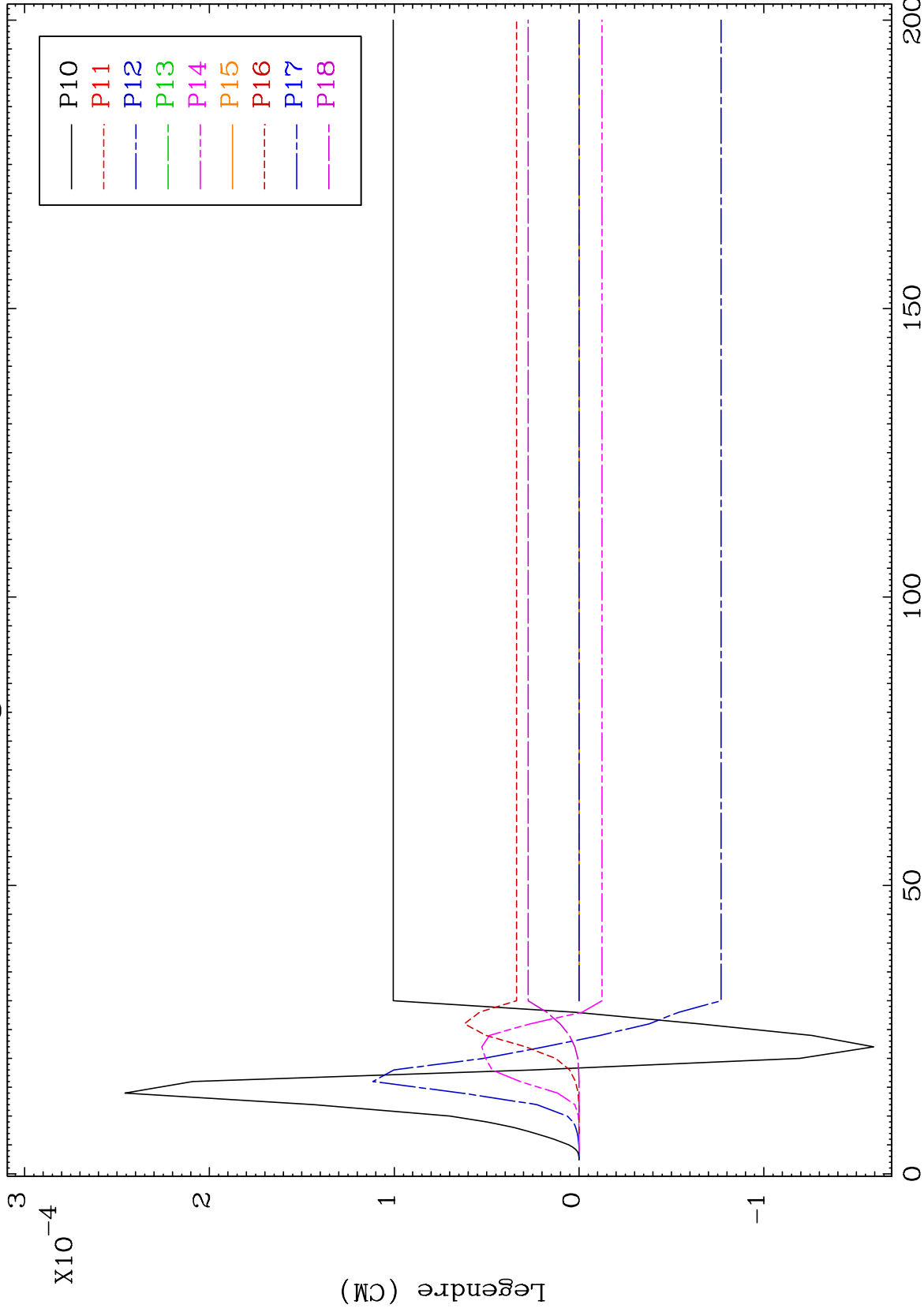
62-Sm-158

Incident Energy (MeV)

MAT 6267

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

62-Sm-158

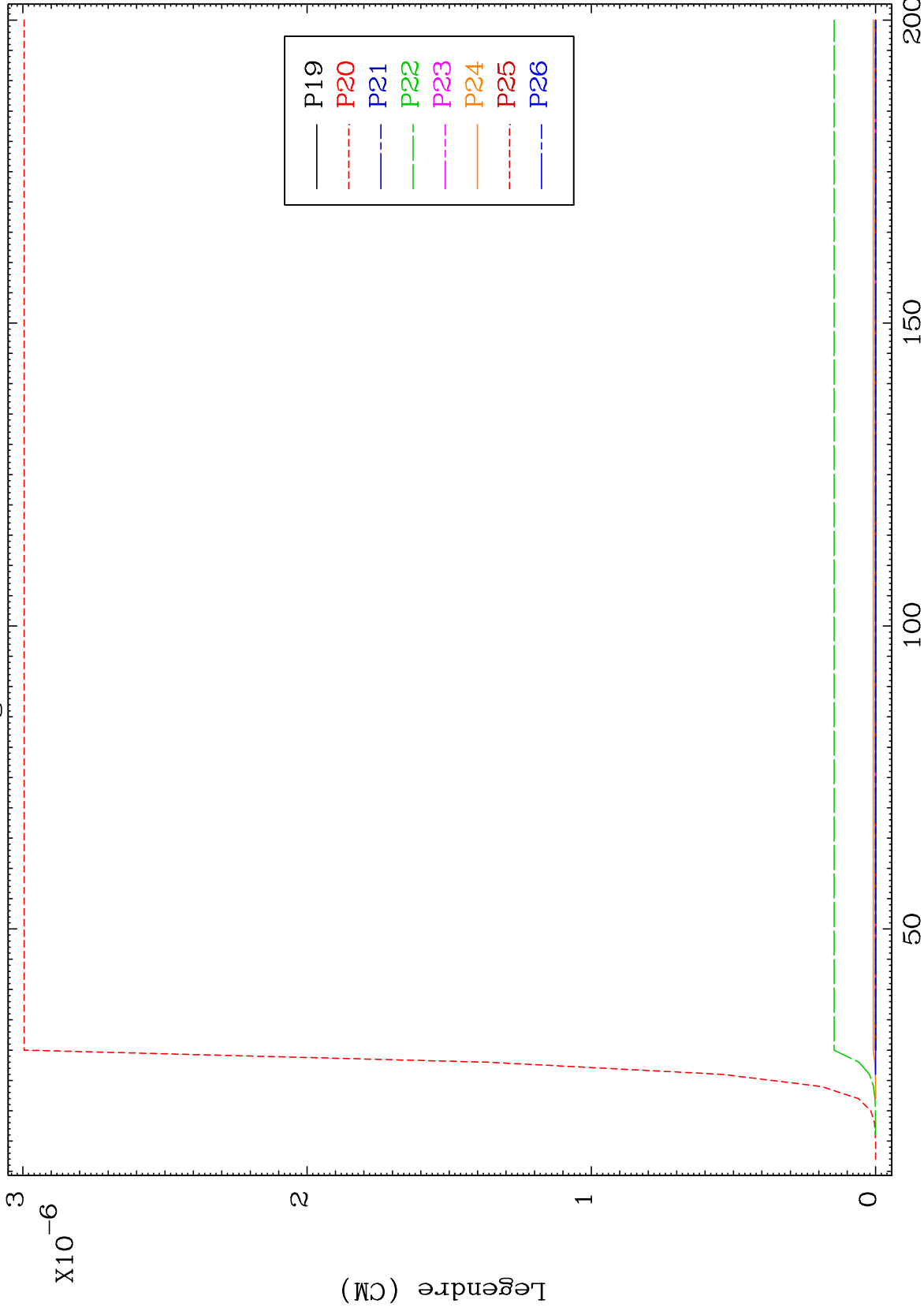


81

Incident Energy (MeV)

62-Sm-158

MAT 6267 MT= 69 (n,n') Level Legendre Coefficients 62-Sm-158

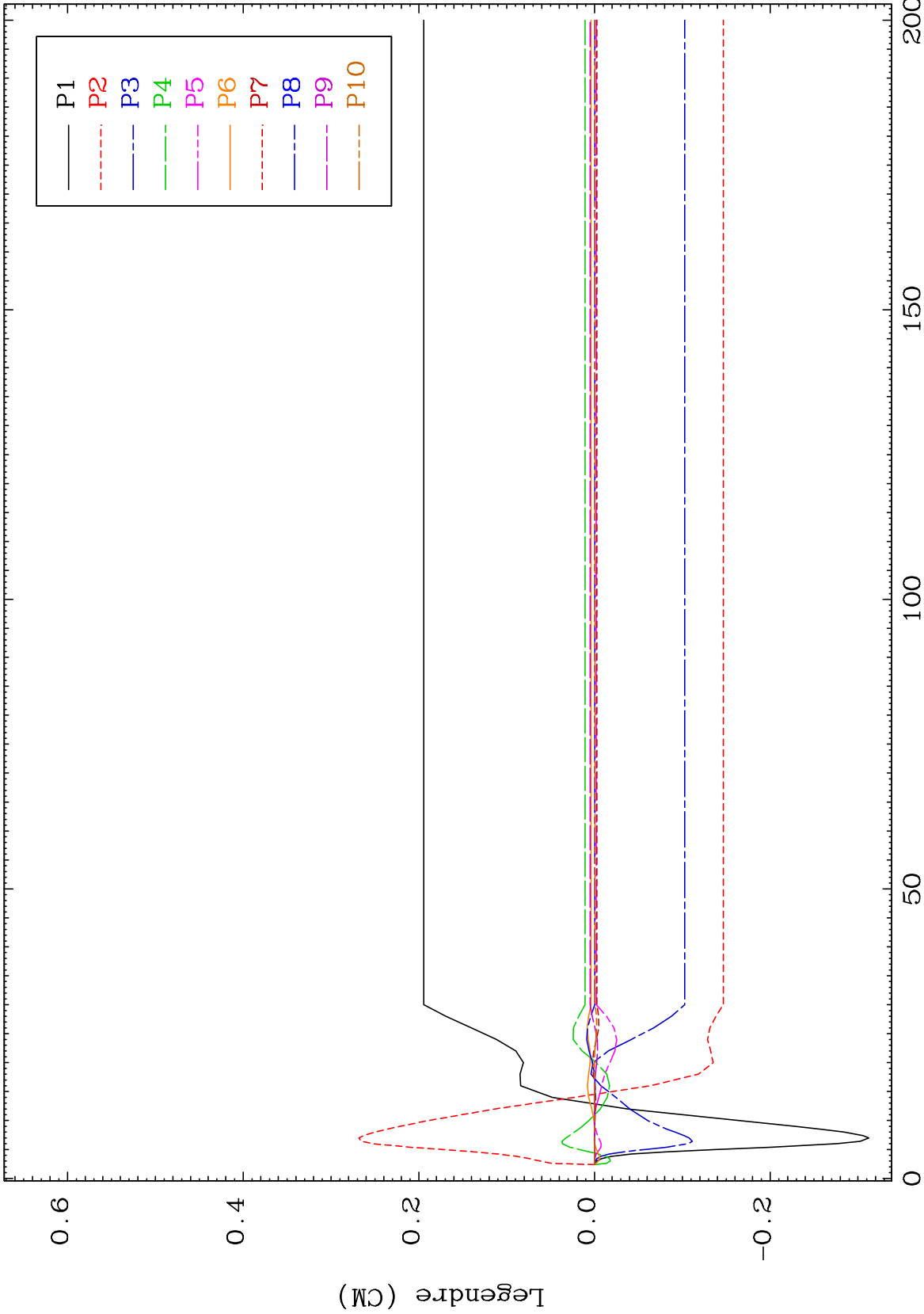


82 Incident Energy (MeV) 62-Sm-158

MAT 6267

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

62-Sm-158



83

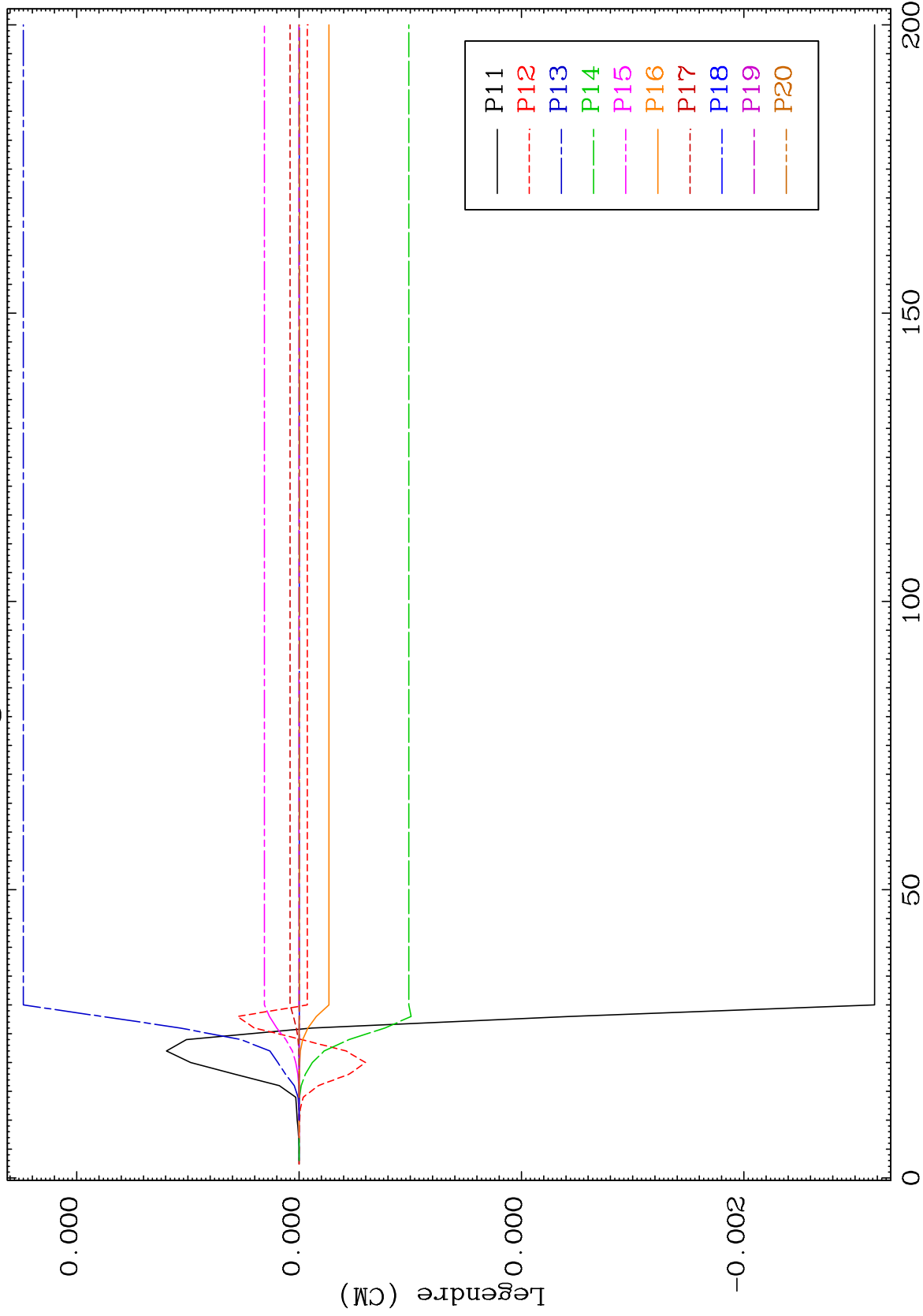
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



84

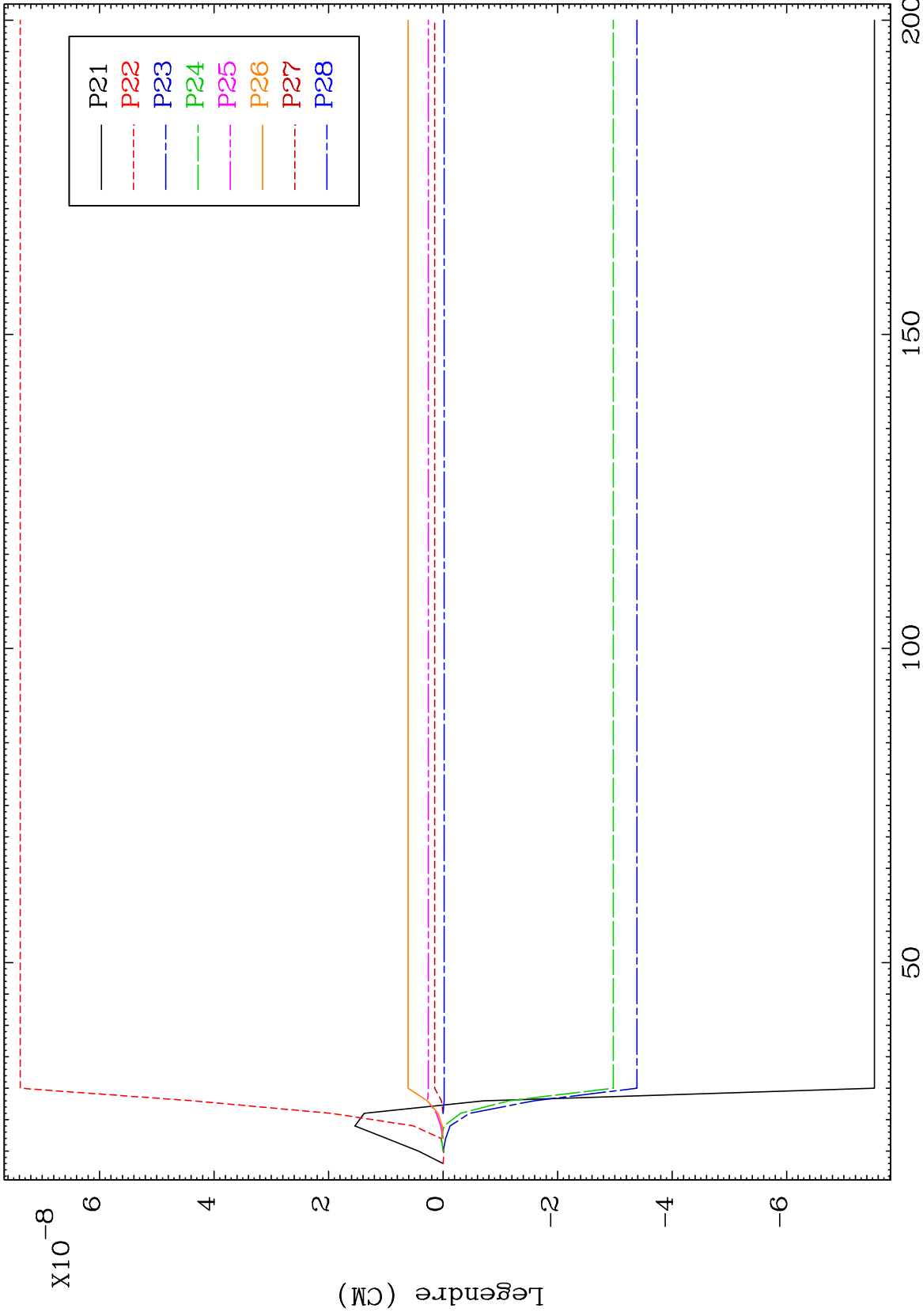
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



85

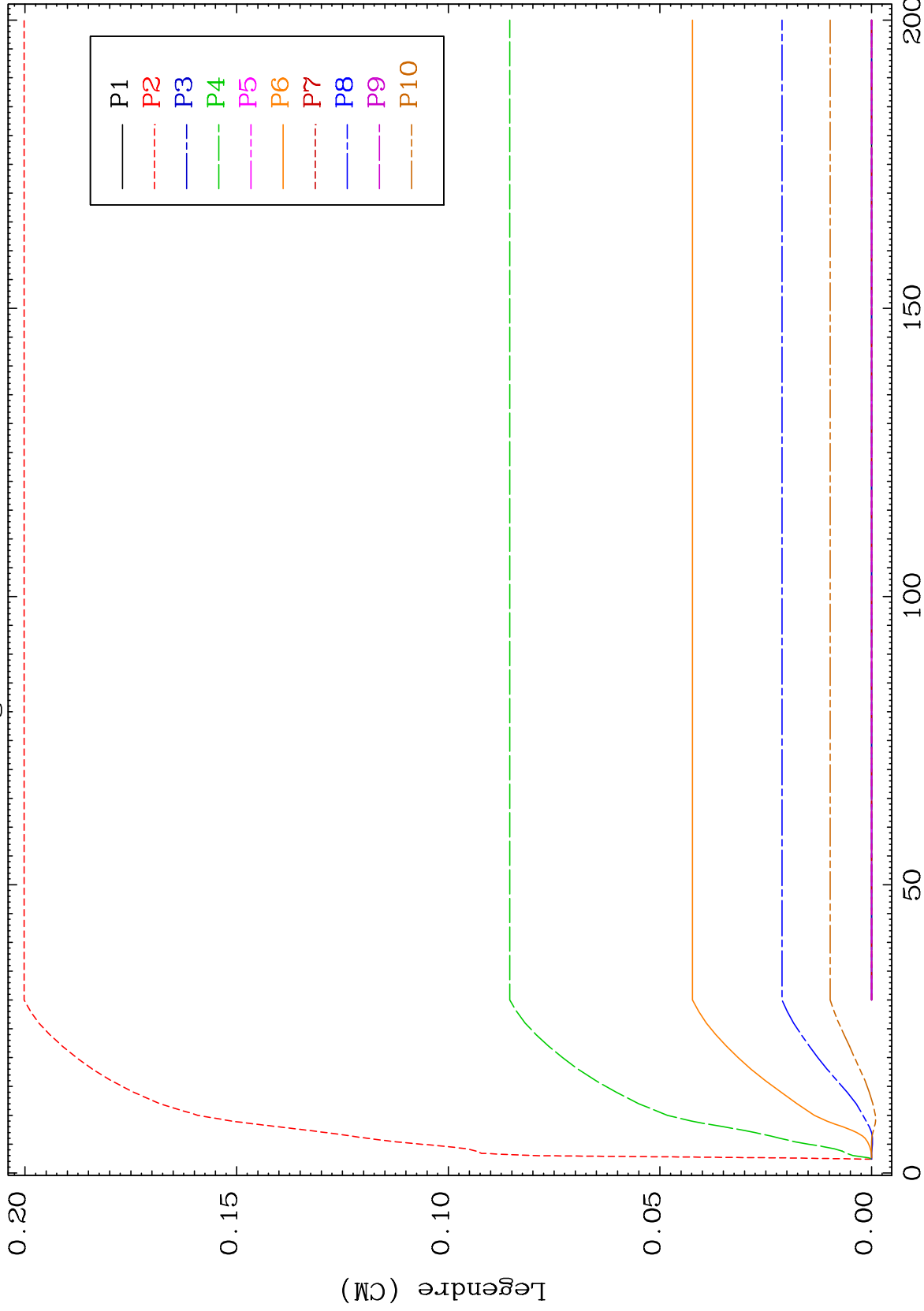
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



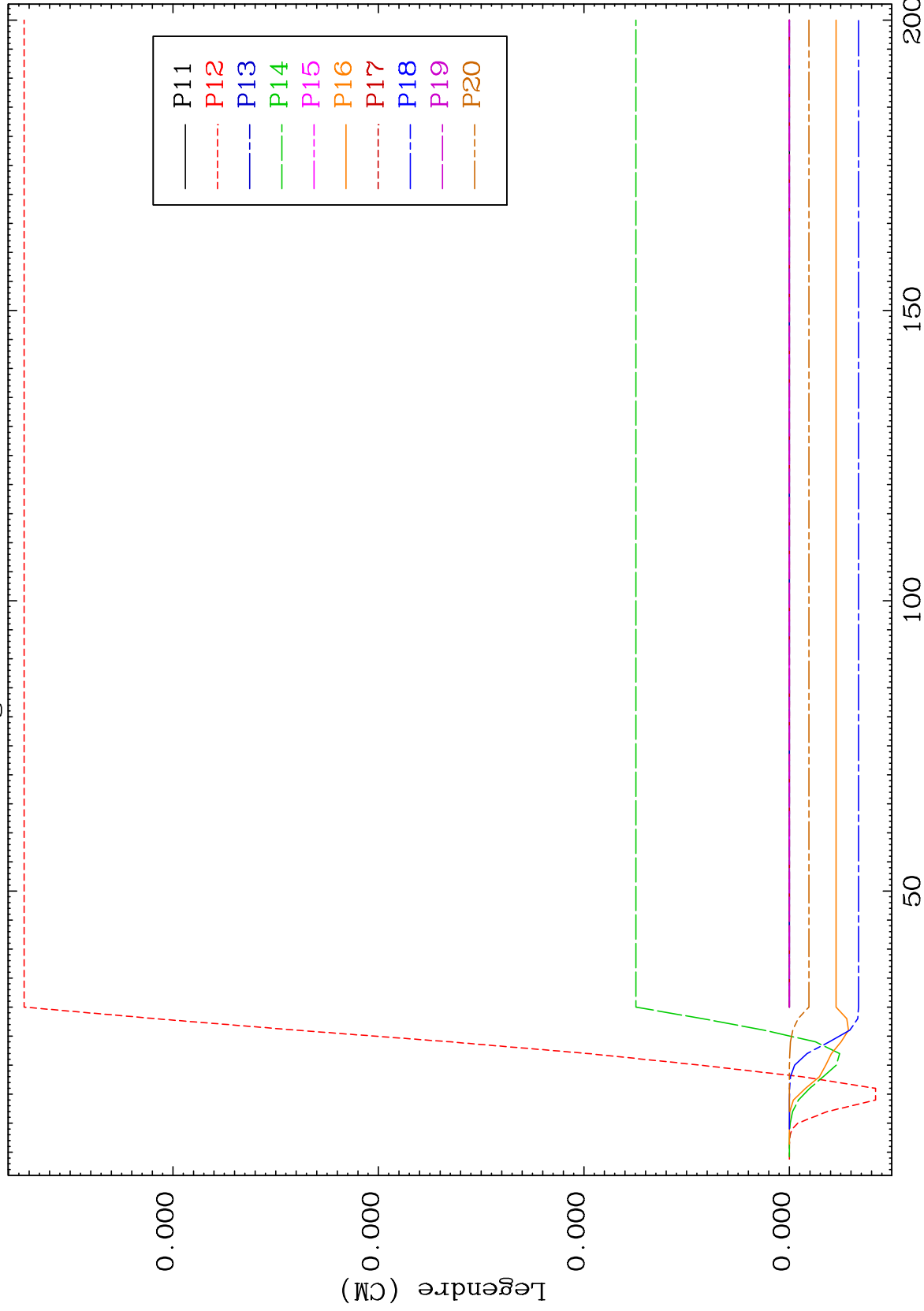
86

62-Sm-158

MAT 6267

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

62-Sm-158



87

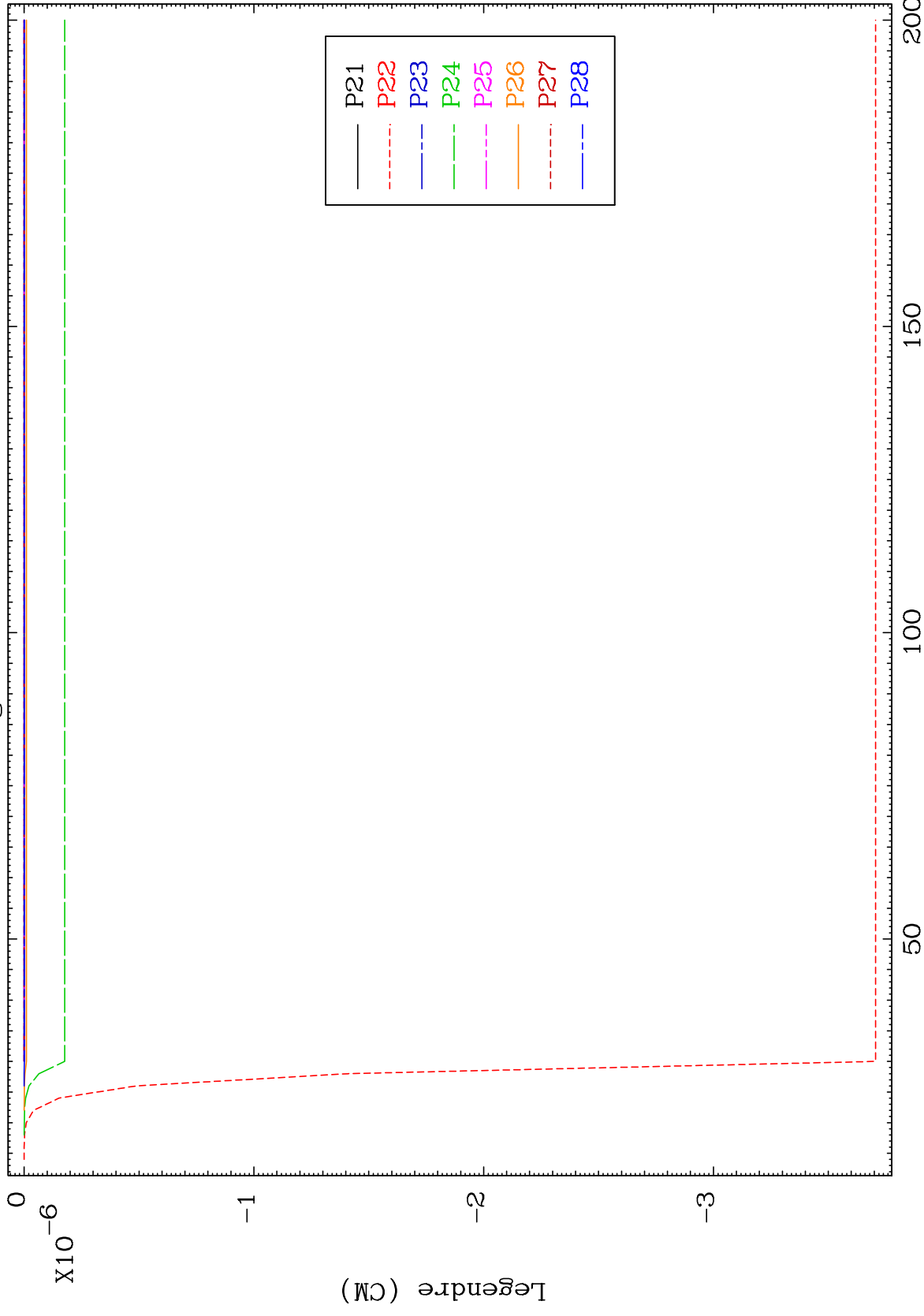
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



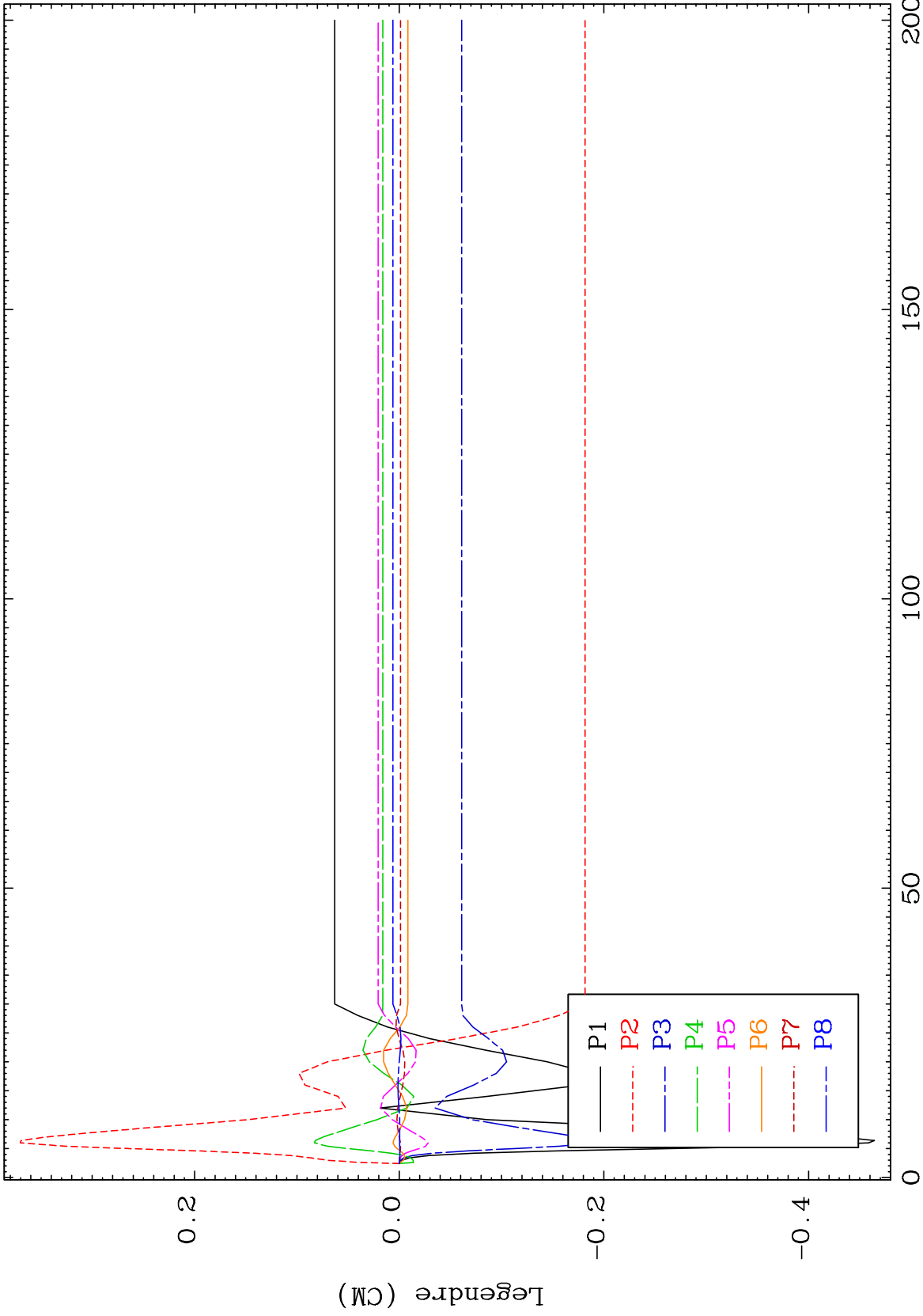
88

62-Sm-158

MAT 6267

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

62-Sm-158



89

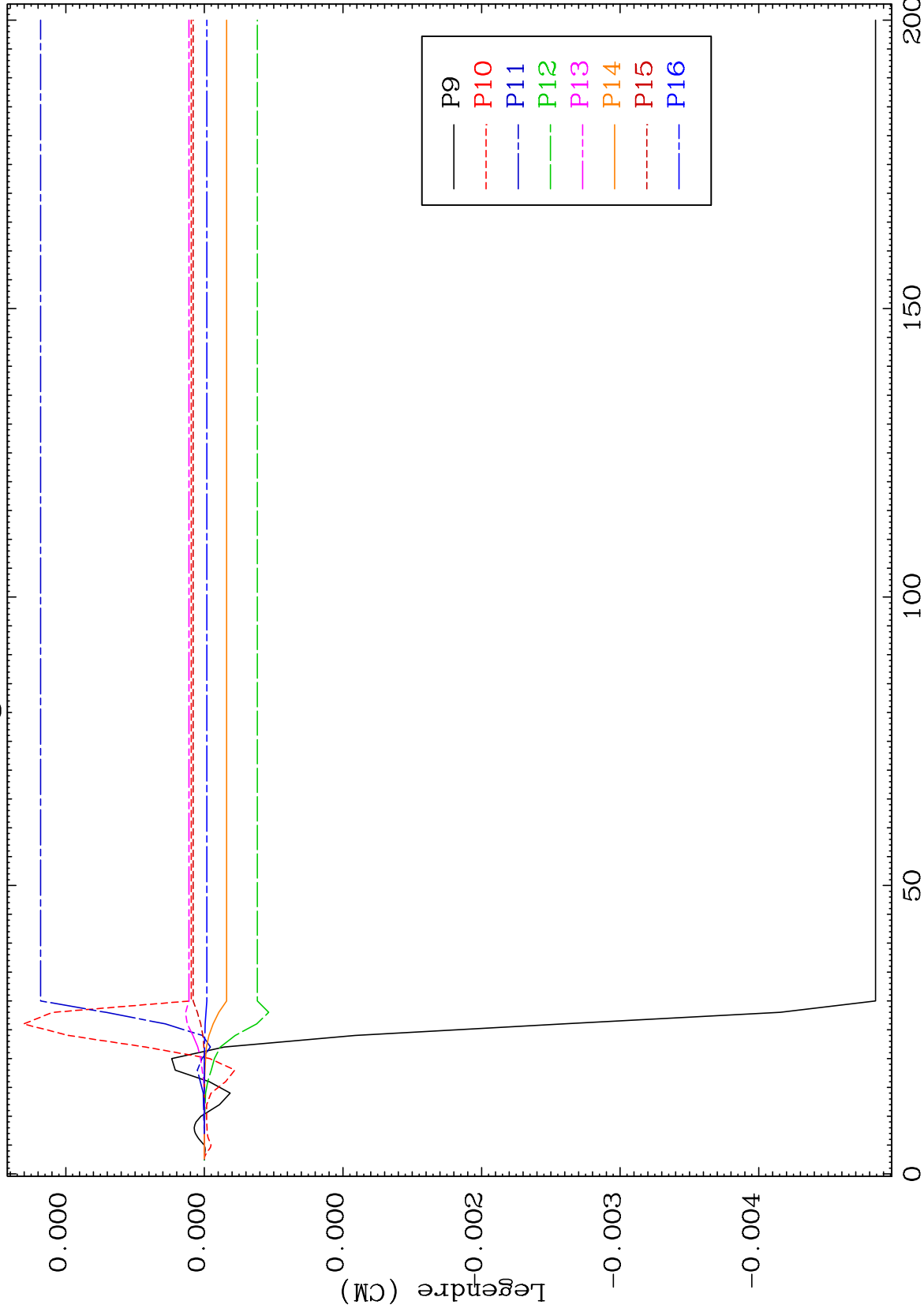
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



90

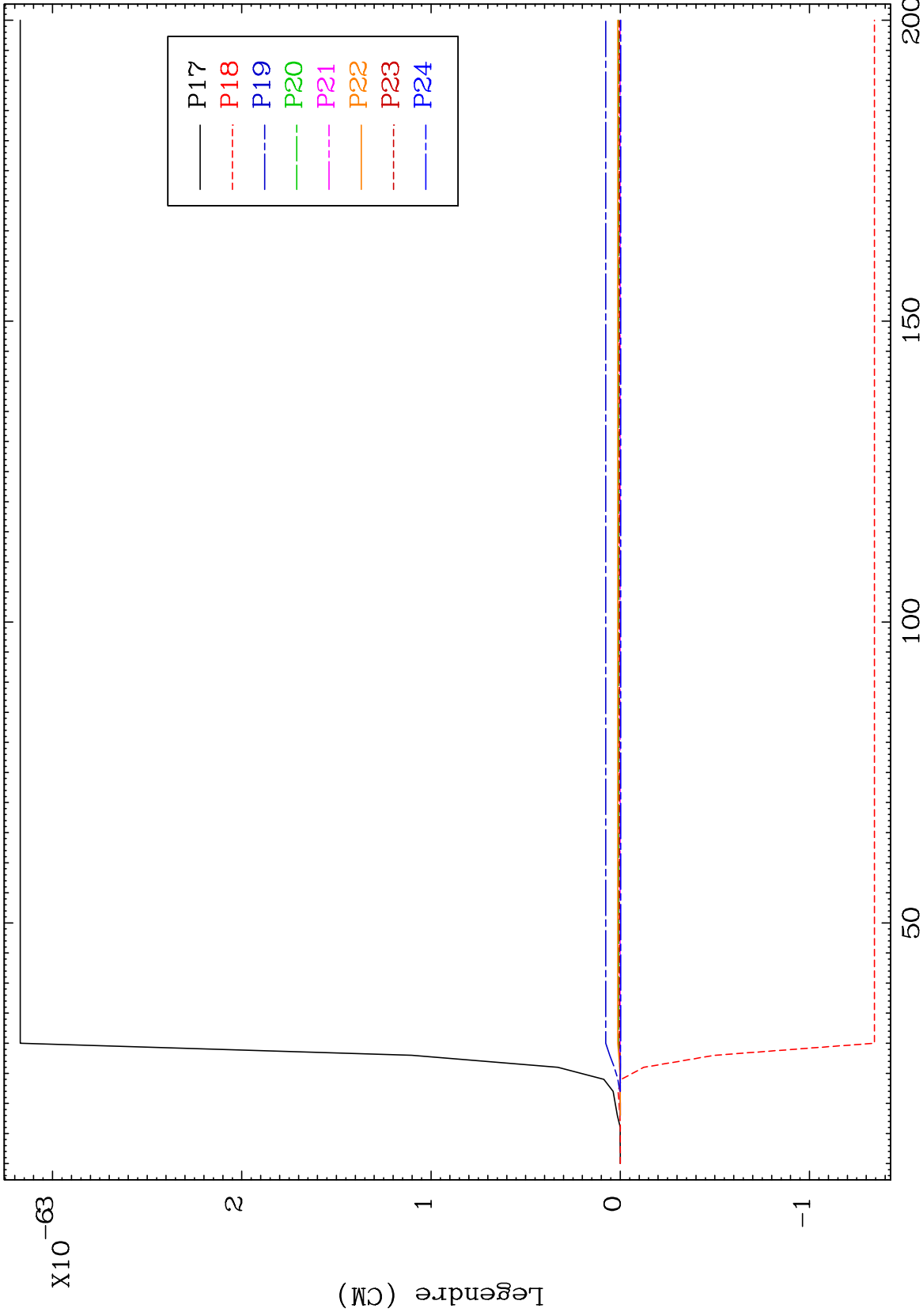
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



91

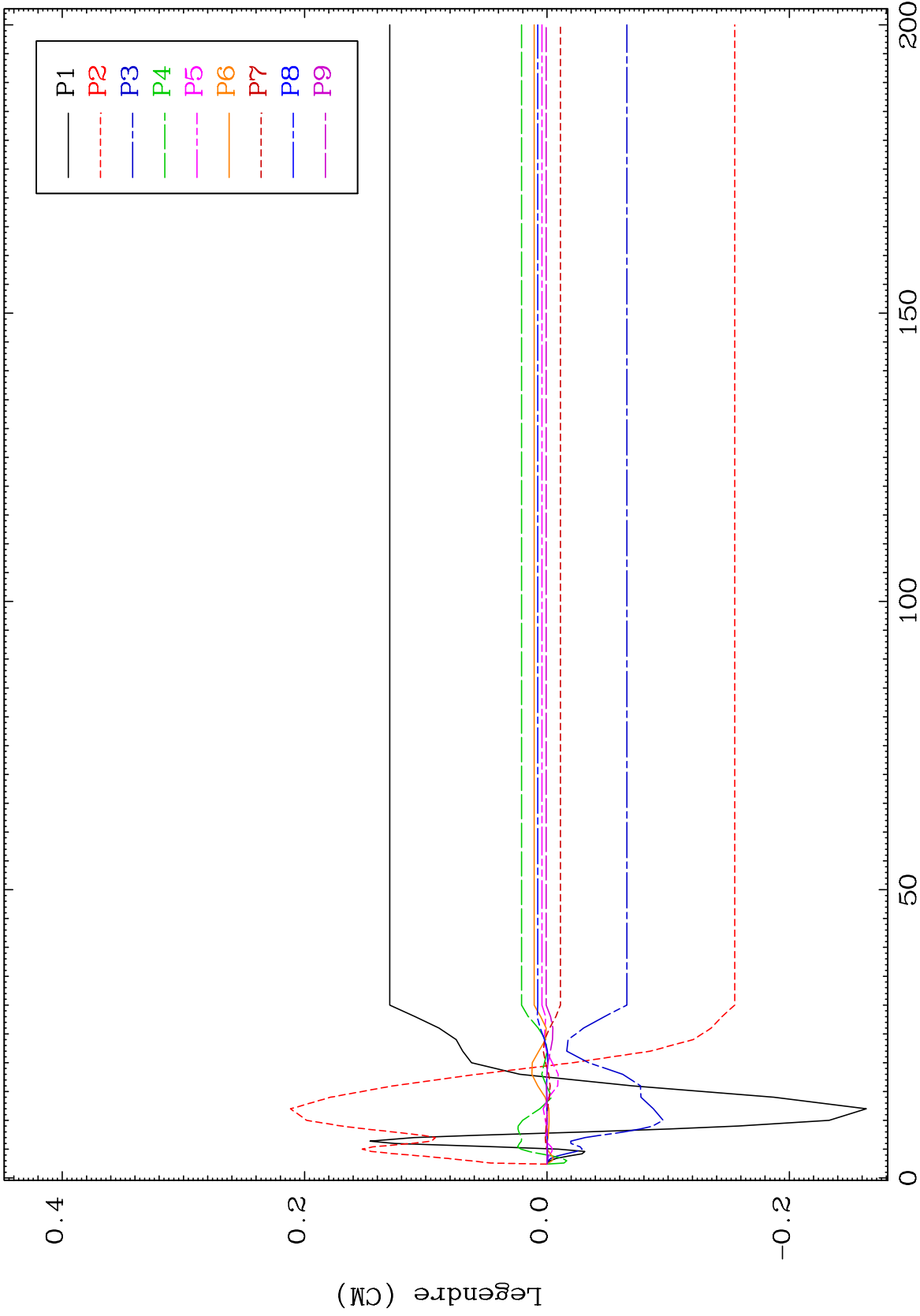
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



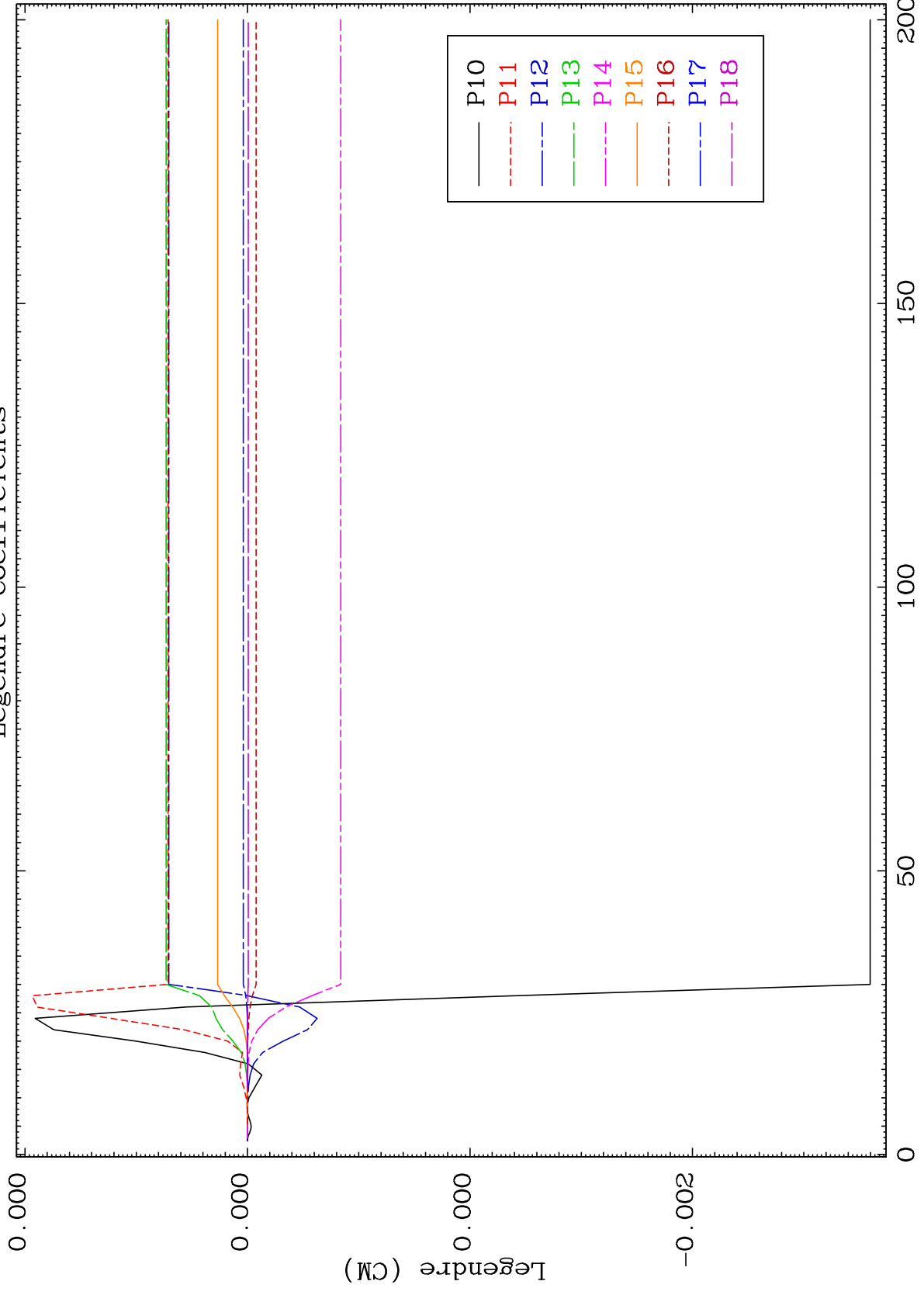
92

62-Sm-158

MAT 6267

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

62-Sm-158



93

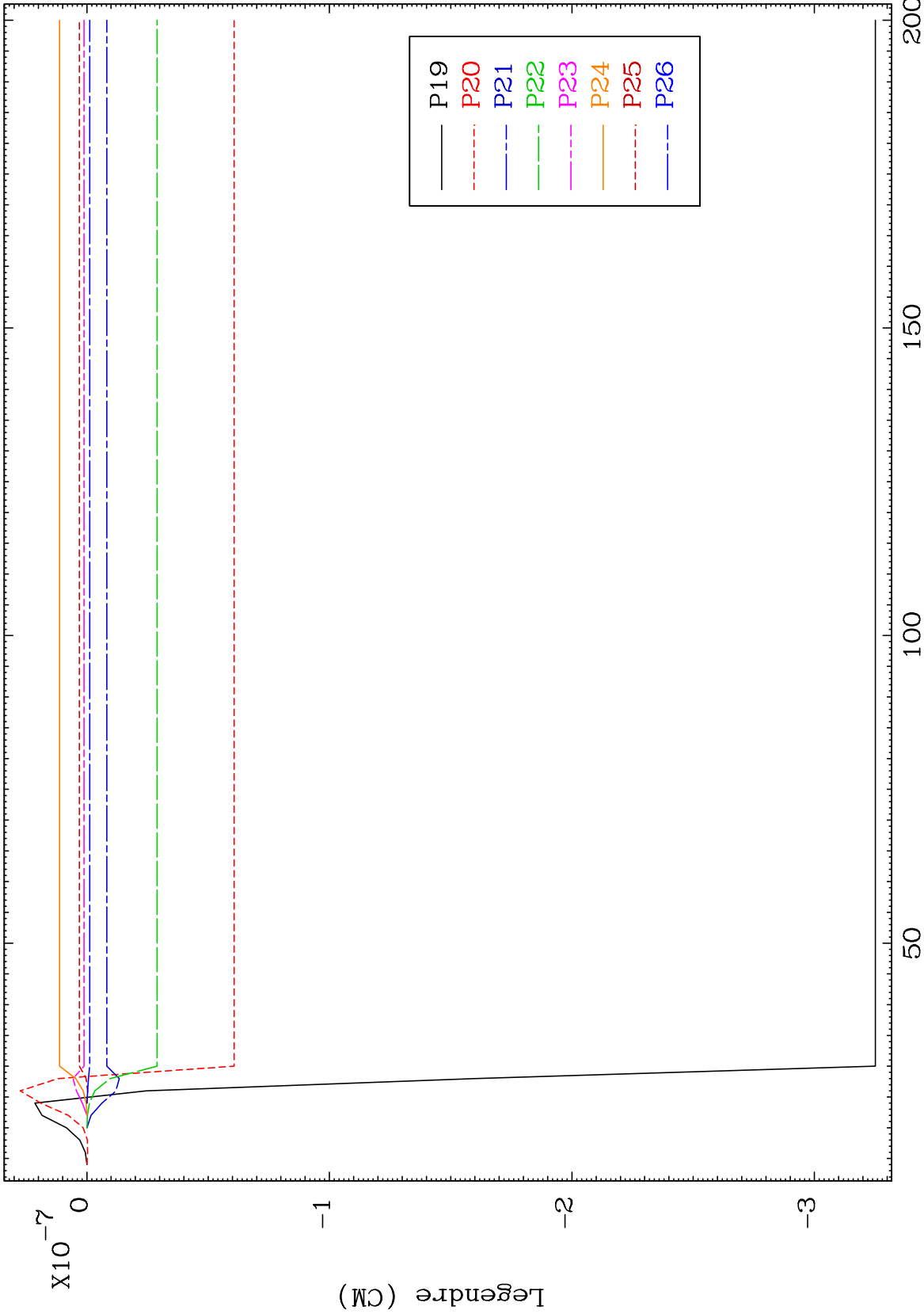
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

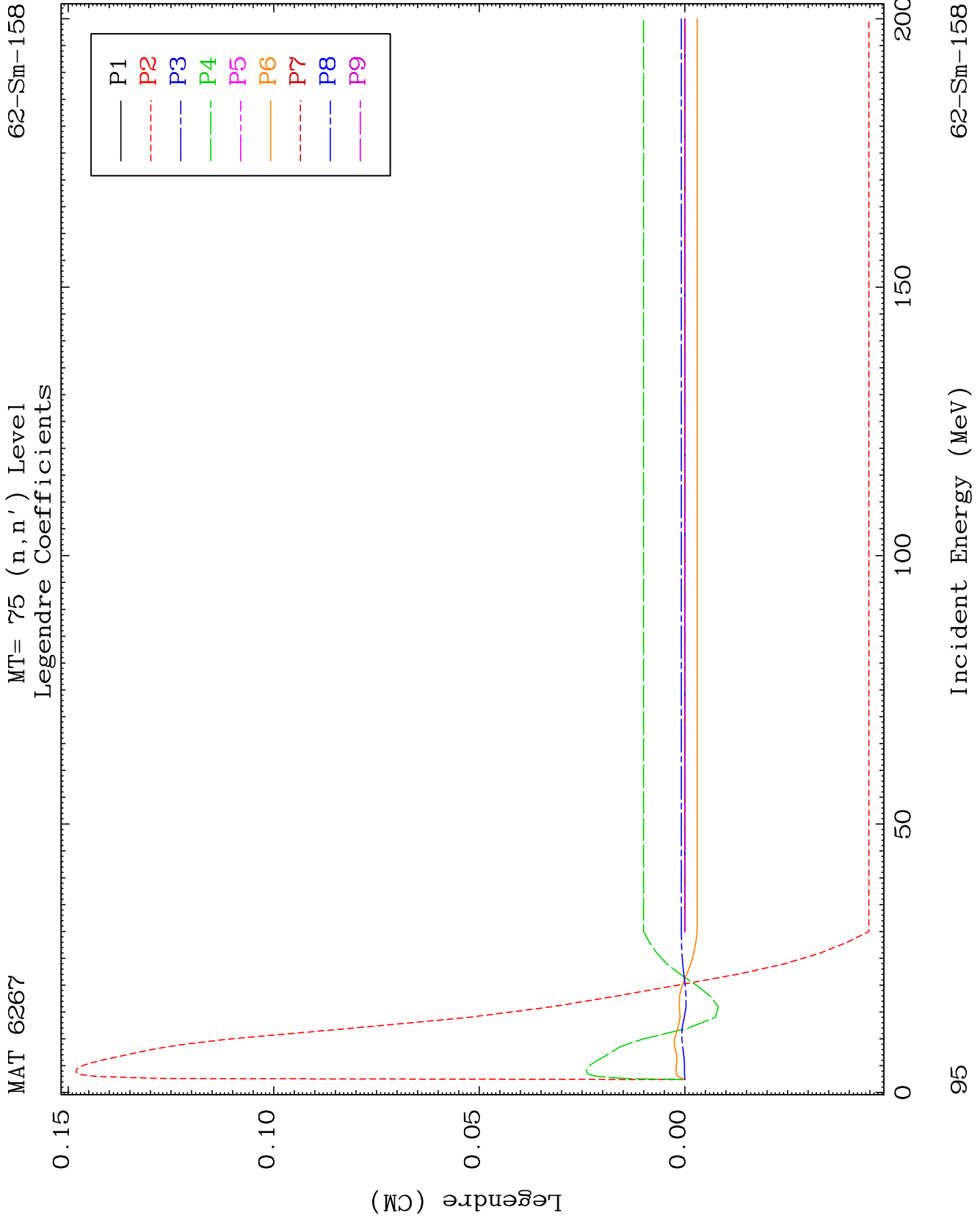
62-Sm-158



94

Incident Energy (MeV)

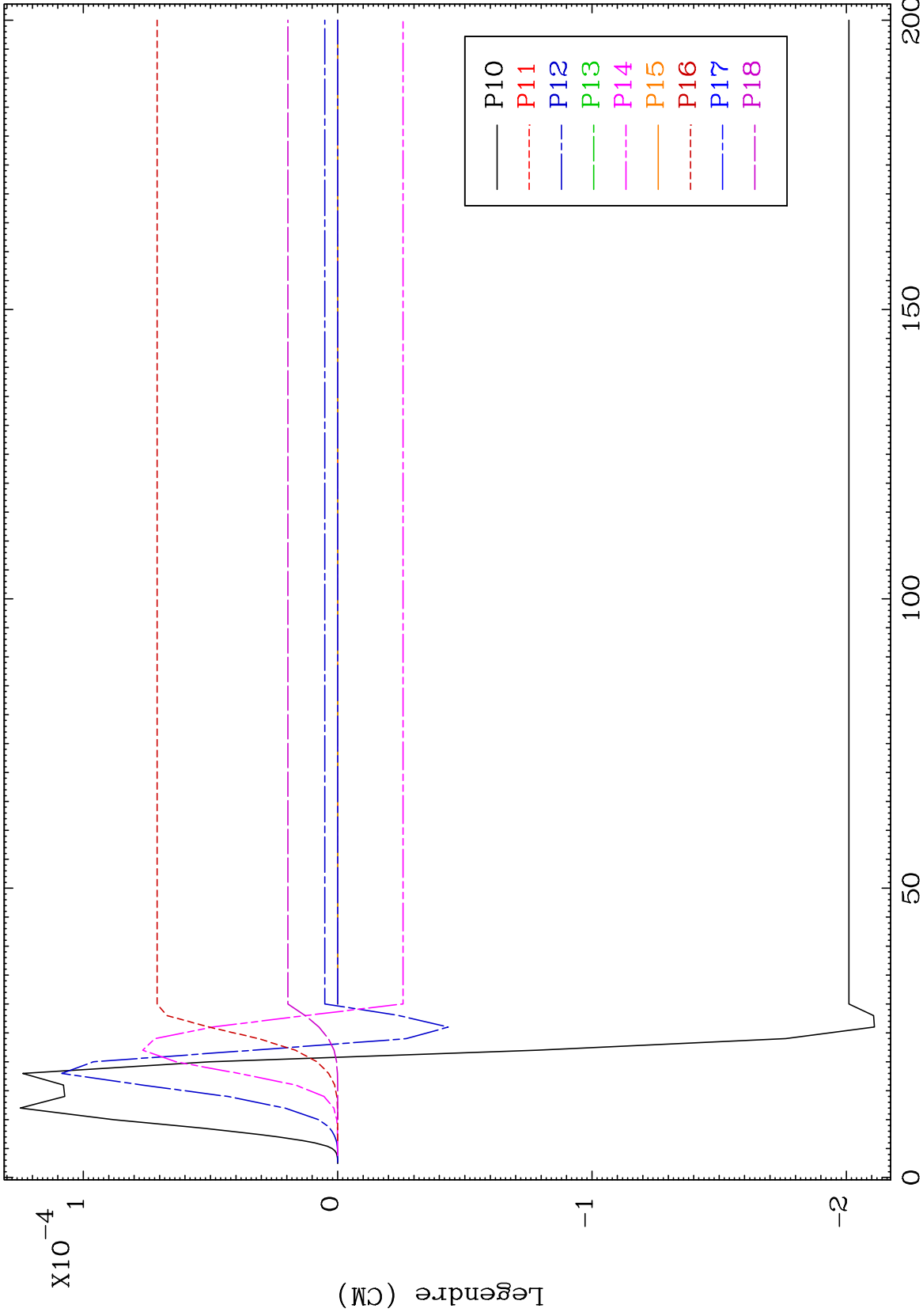
62-Sm-158



MAT 6267

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

62-Sm-158



96

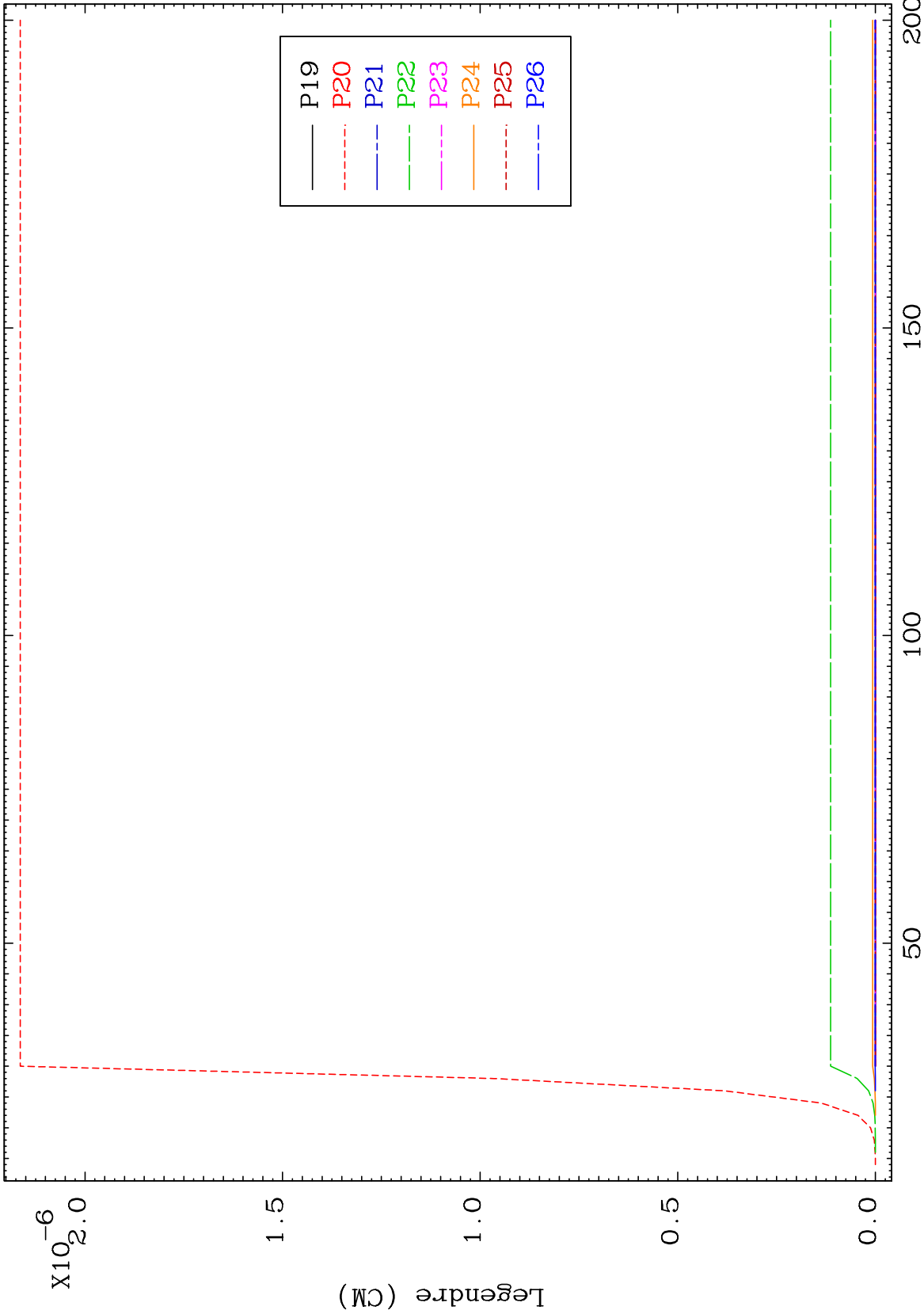
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



97

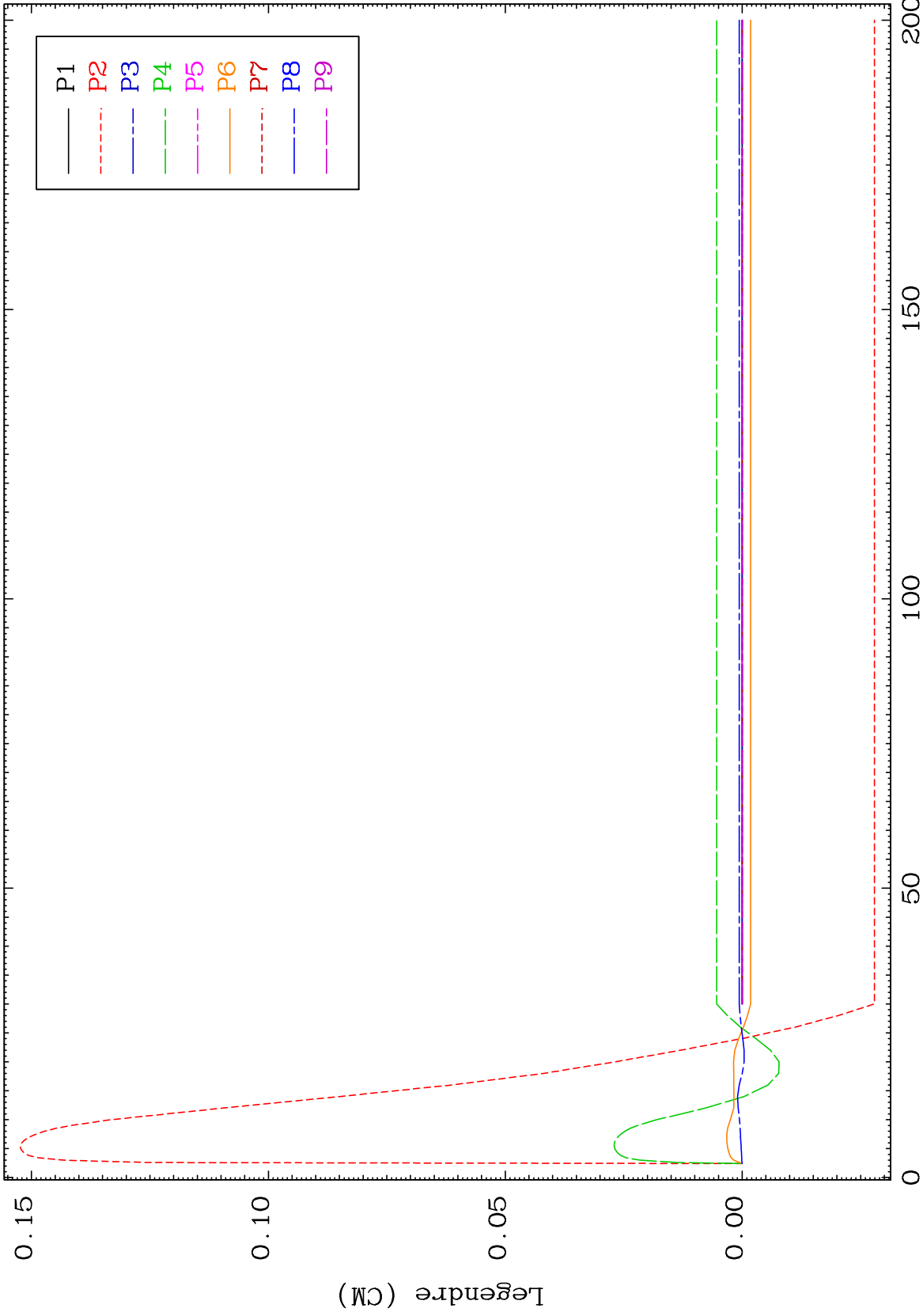
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



98

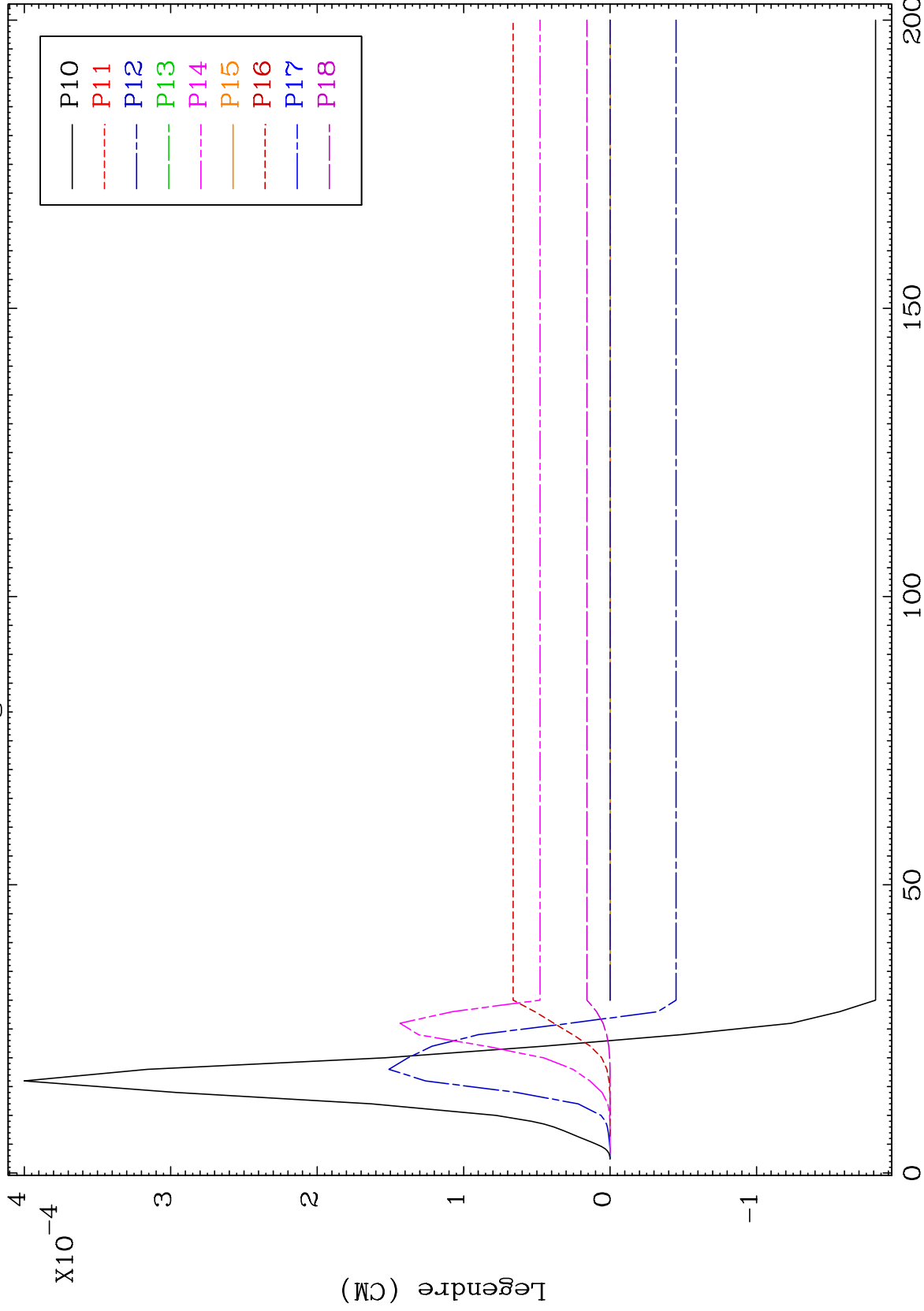
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



99

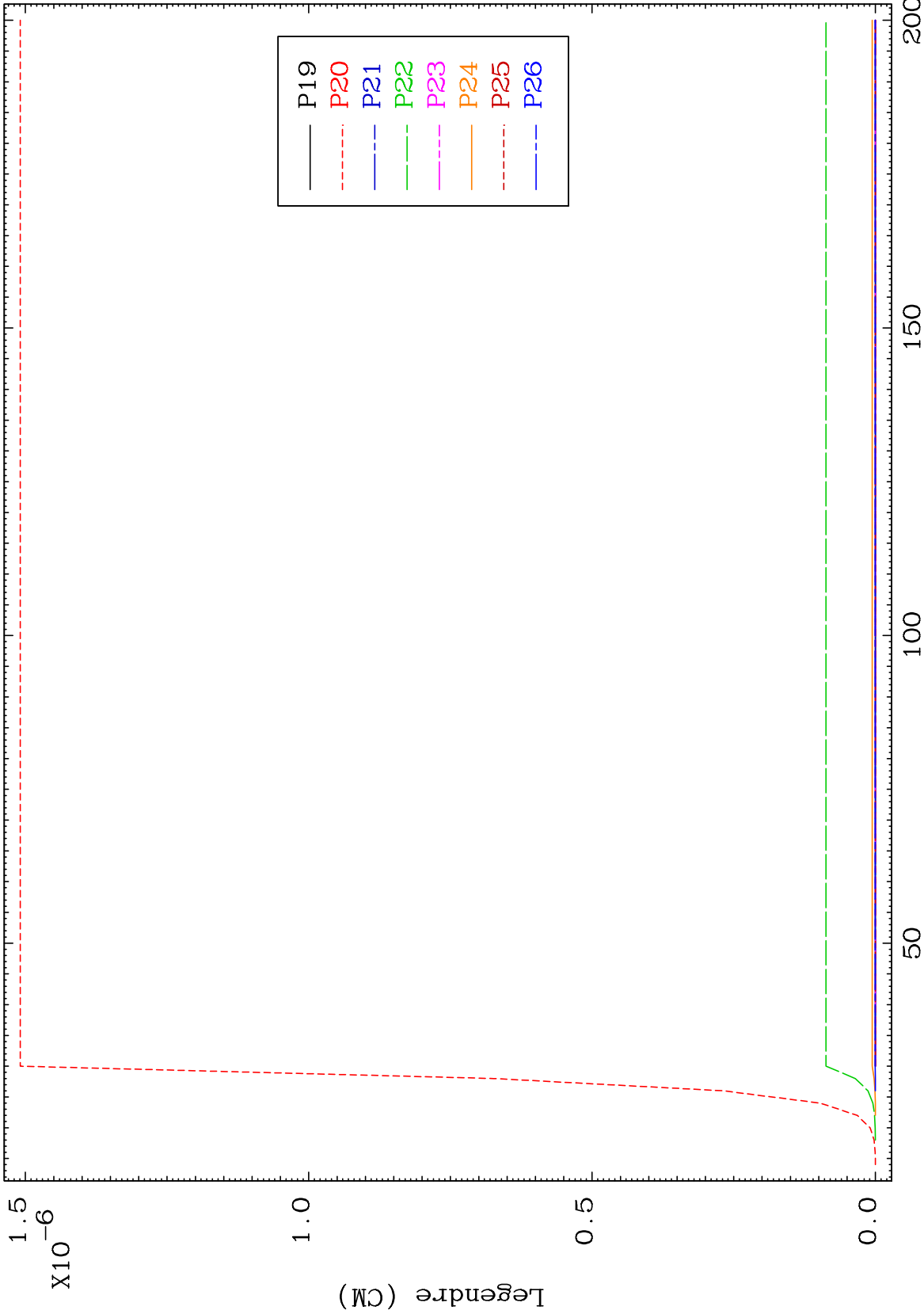
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



62-Sm-158

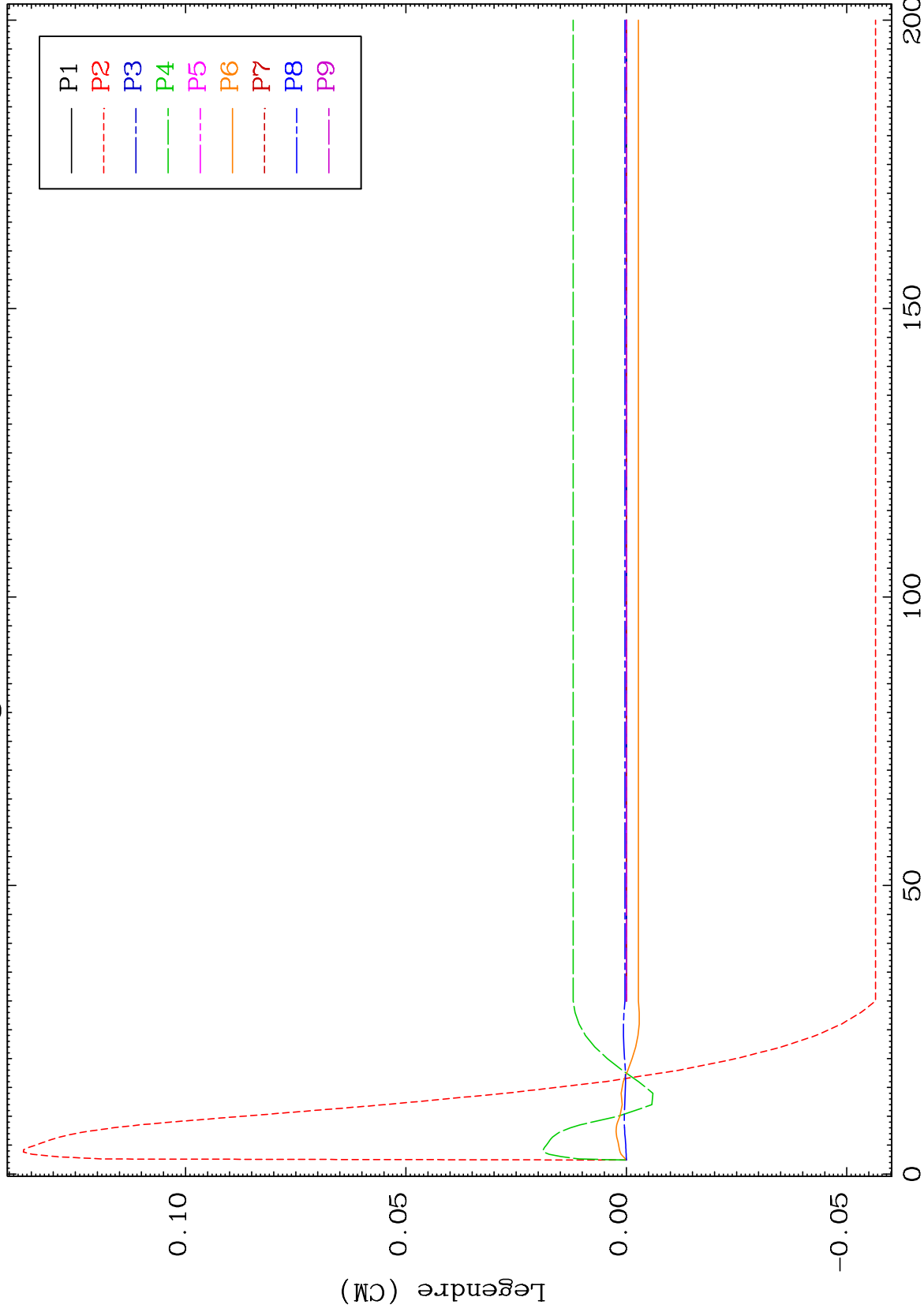
Incident Energy (MeV)

Legendre (CM)

MAT 6267

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

62-Sm-158



101

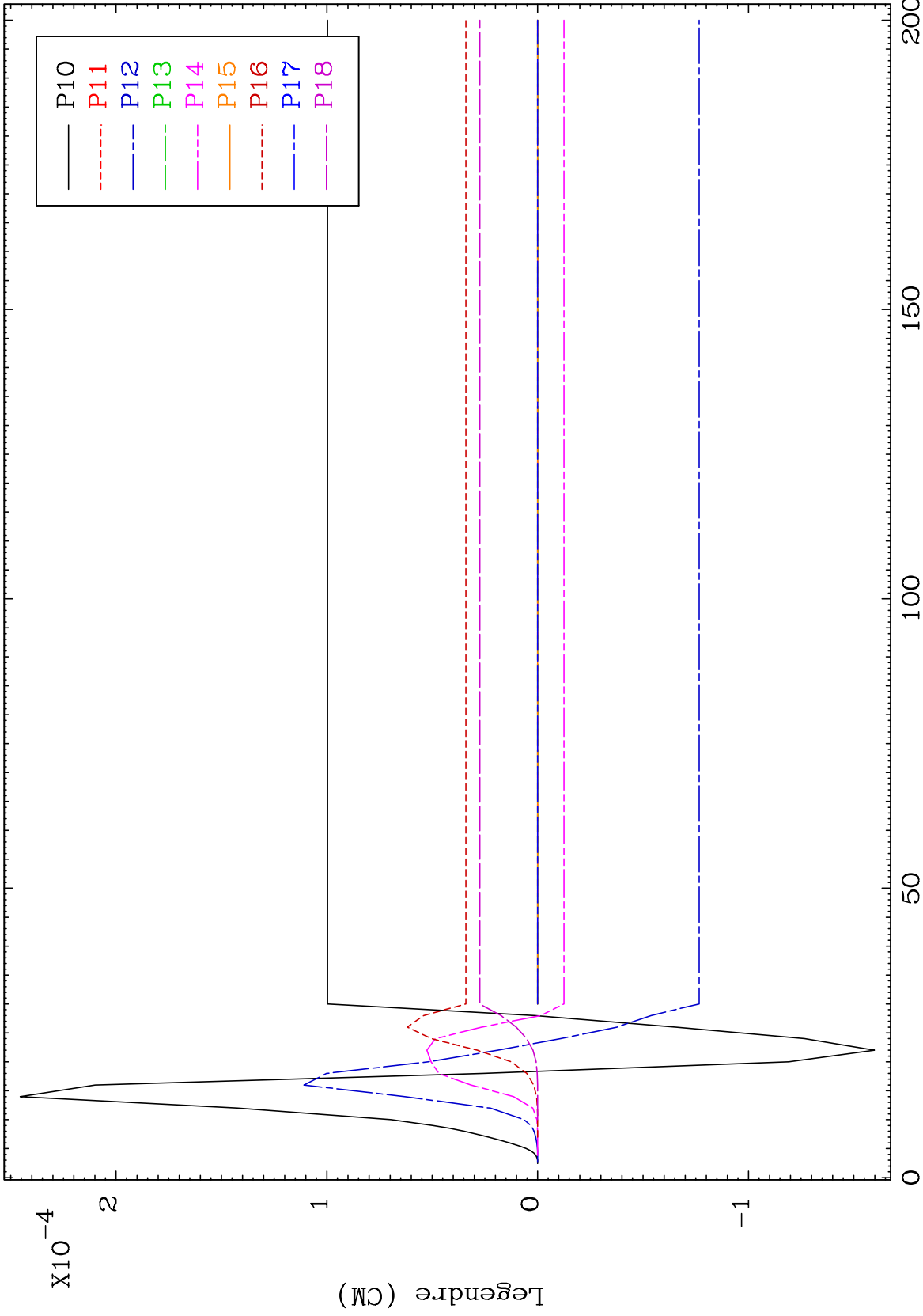
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158

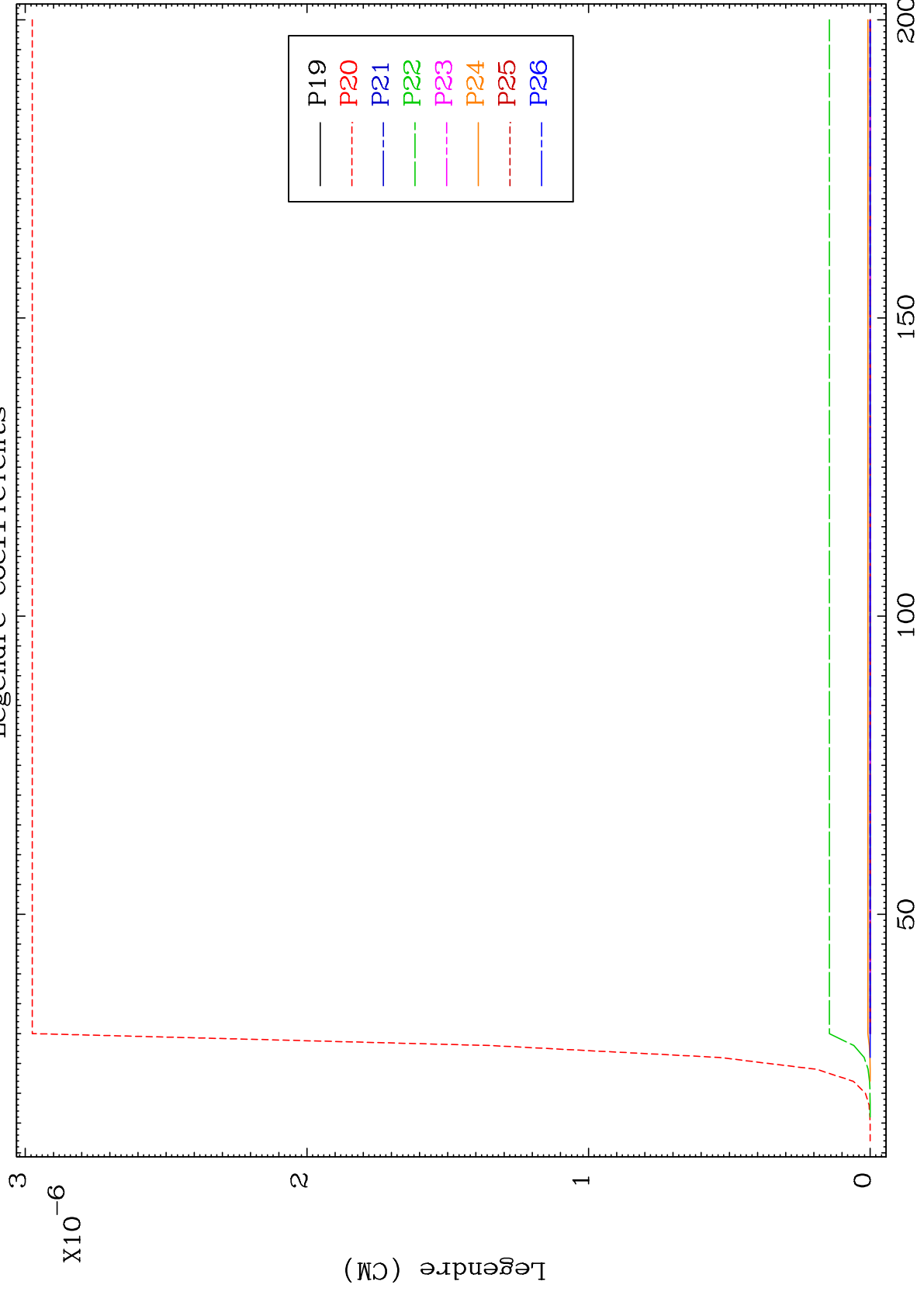


102

Incident Energy (MeV)

62-Sm-158

MAT 6267 MT= 77 (n,n') Level Legendre Coefficients 62-Sm-158

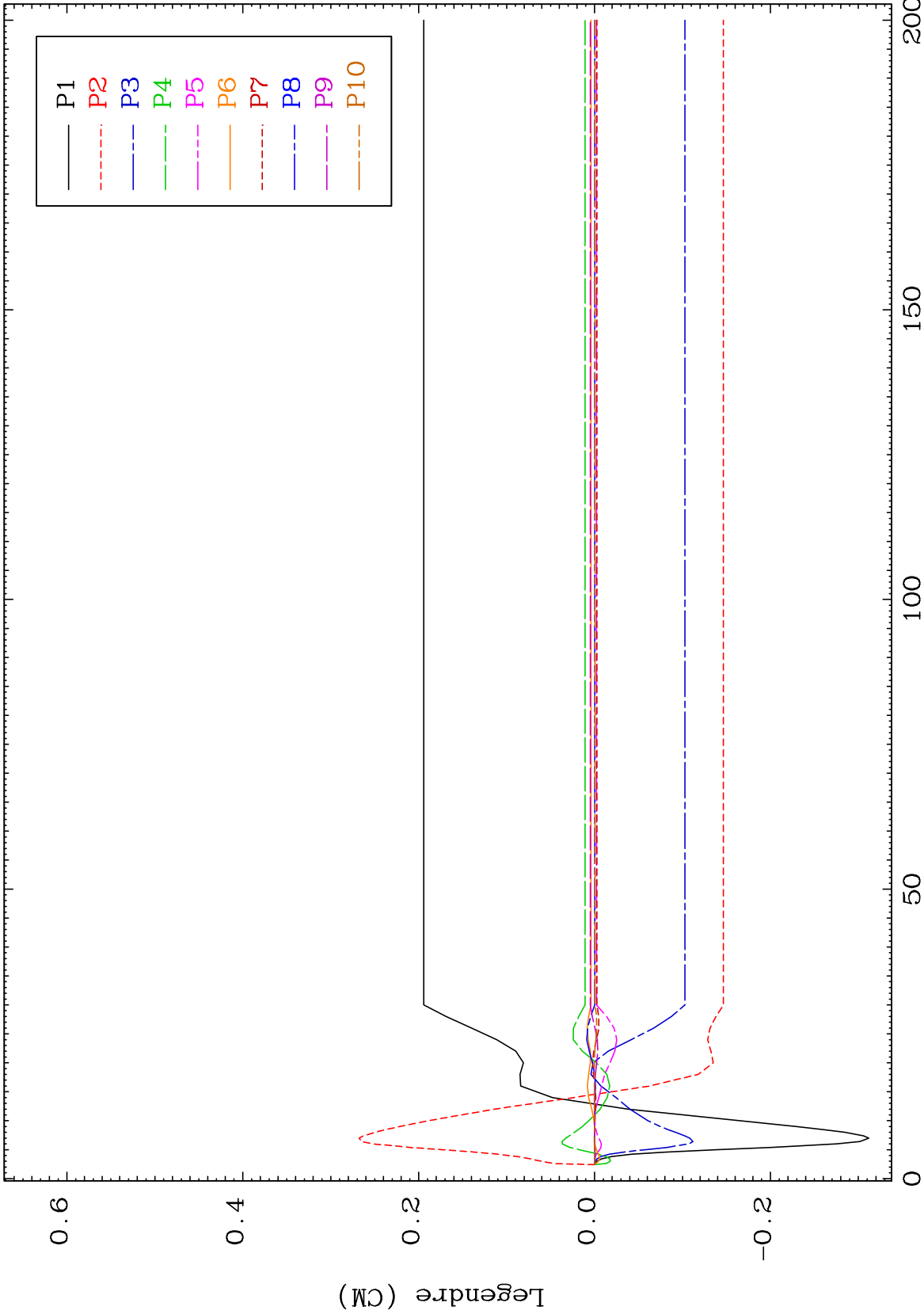


103 Incident Energy (MeV) 200 62-Sm-158

MAT 6267

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

62-Sm-158



104

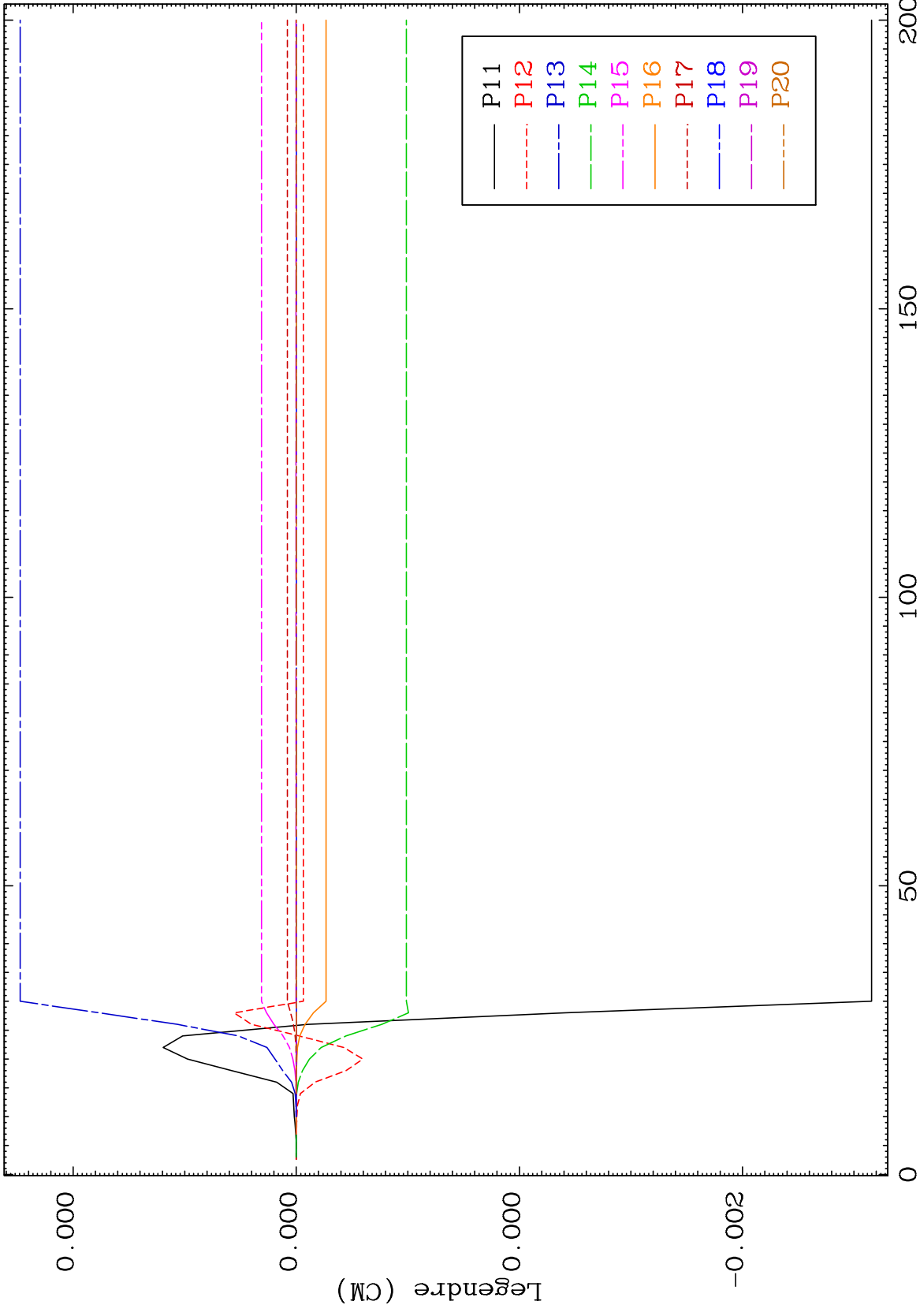
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



105

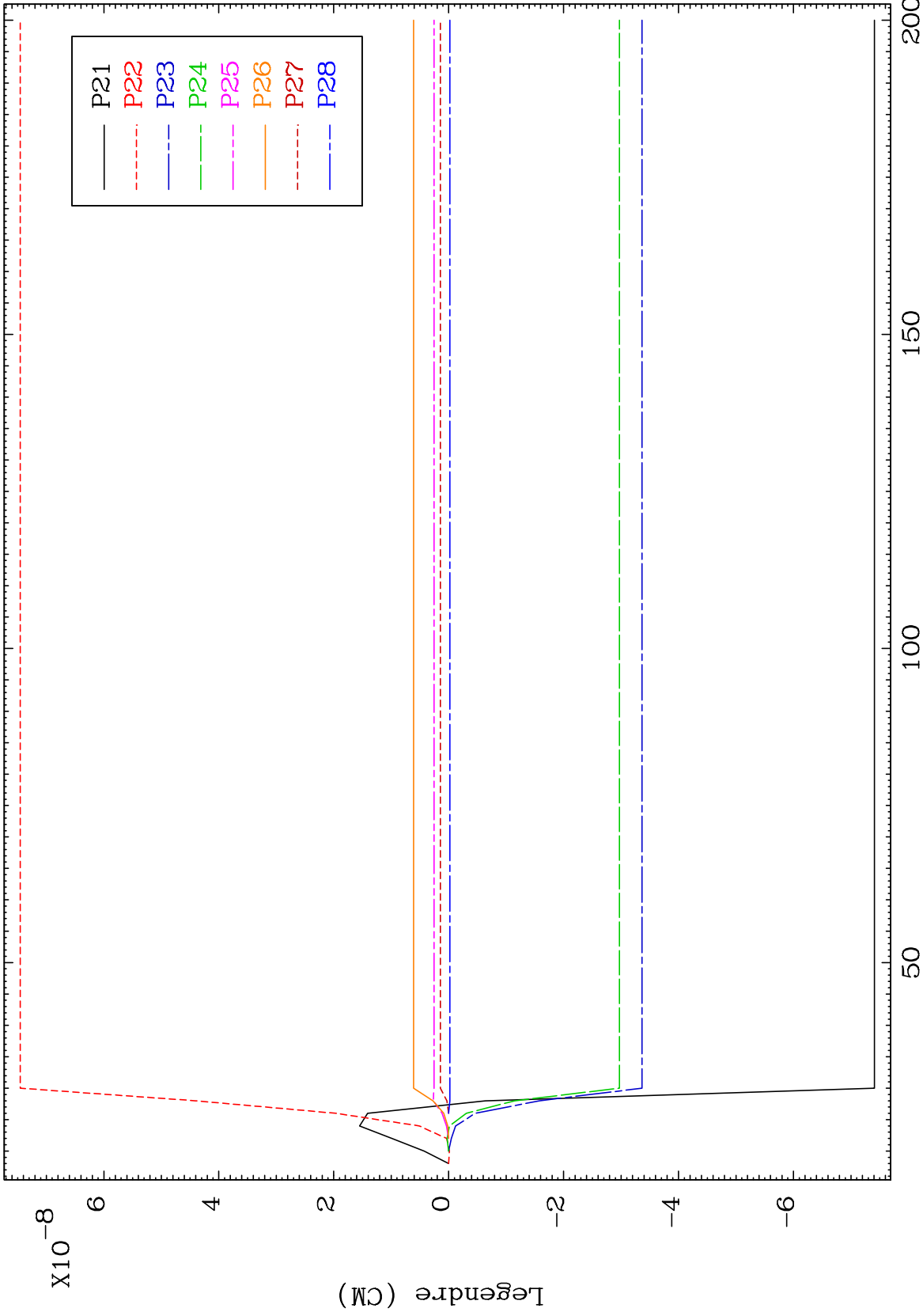
Incident Energy (MeV)

62-Sm-158

MAT 6267

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

62-Sm-158



106

Incident Energy (MeV)

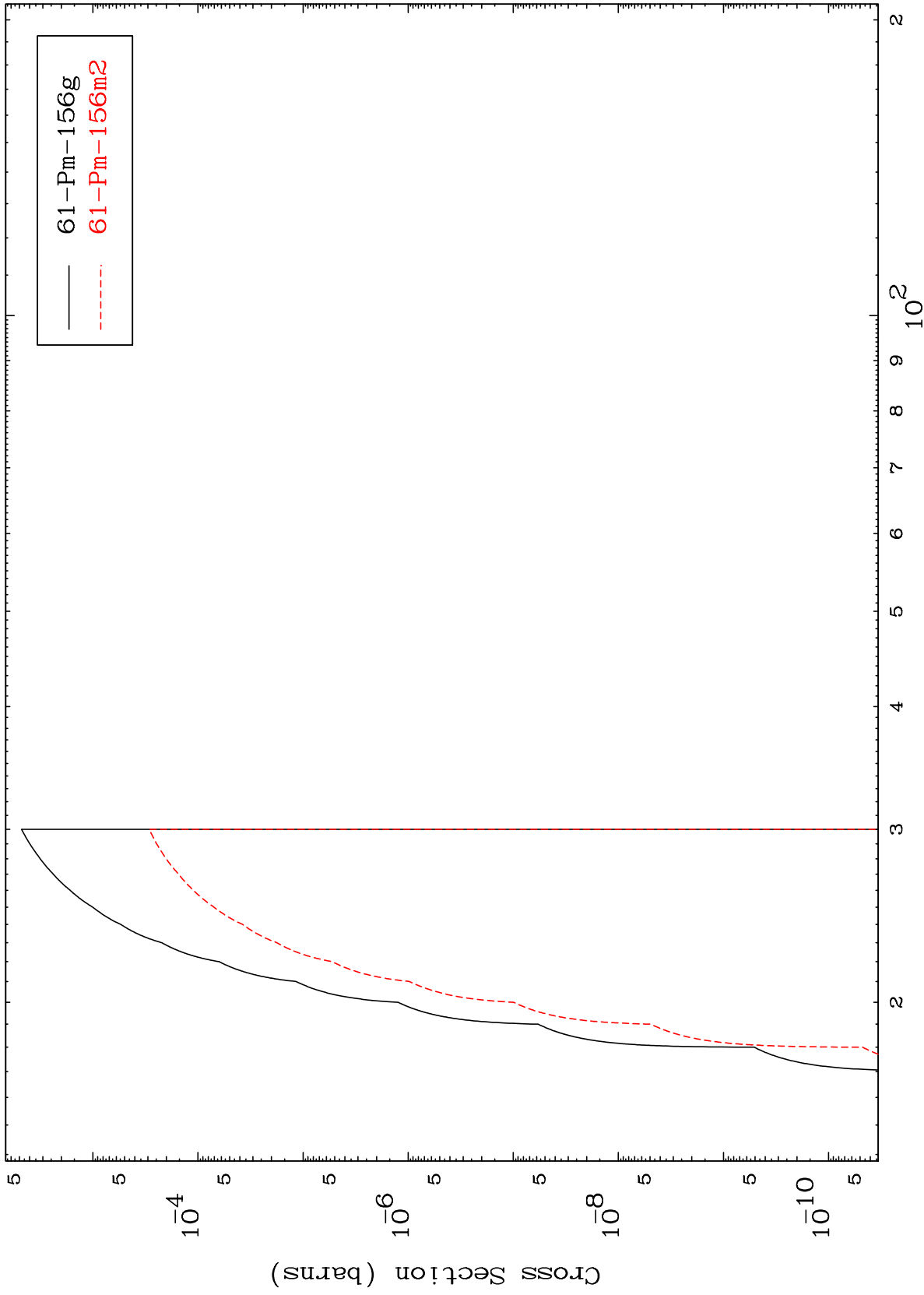
62-Sm-158

MAT 6267

(n,n') d

62-Sm-158

Radionuclide Production Cross Section



107

Incident Energy (MeV)

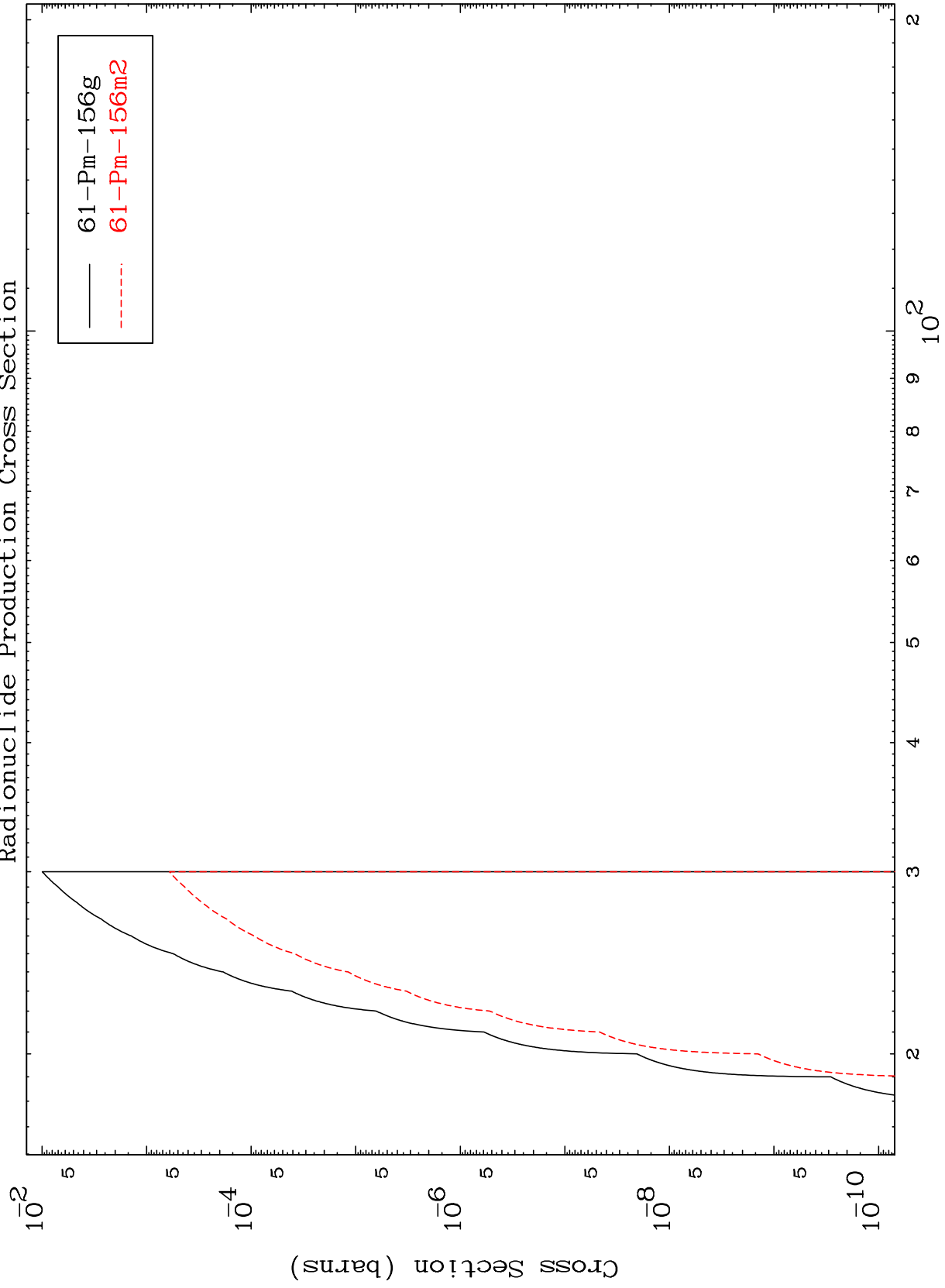
62-Sm-158

MAT 6267

(n,2n) p

62-Sm-158

Radionuclide Production Cross Section



108

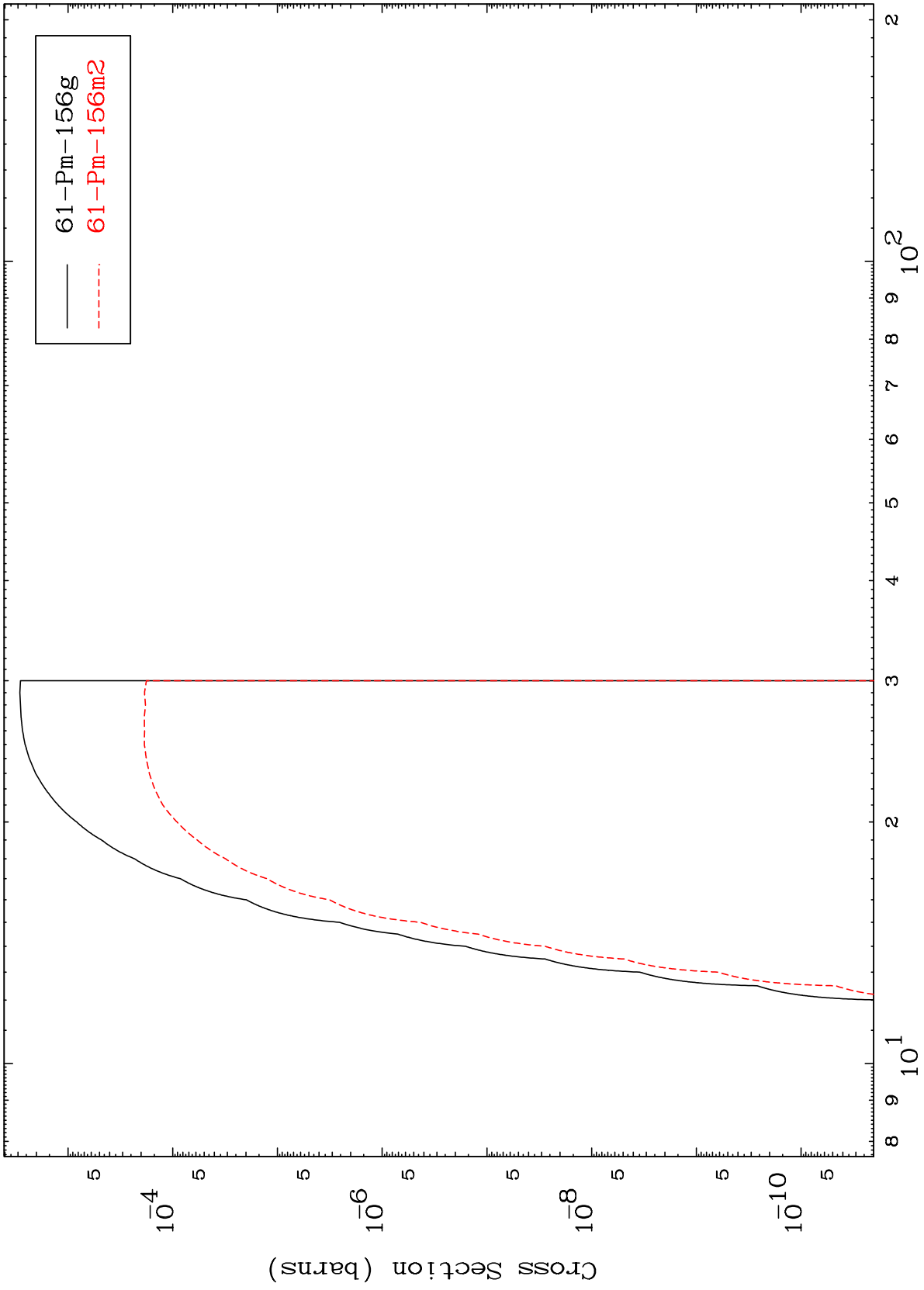
Incident Energy (MeV)

62-Sm-158

MAT 6267

62-Sm-158

(n, t)
Radionuclide Production Cross Section



109

Incident Energy (MeV)

62-Sm-158