

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
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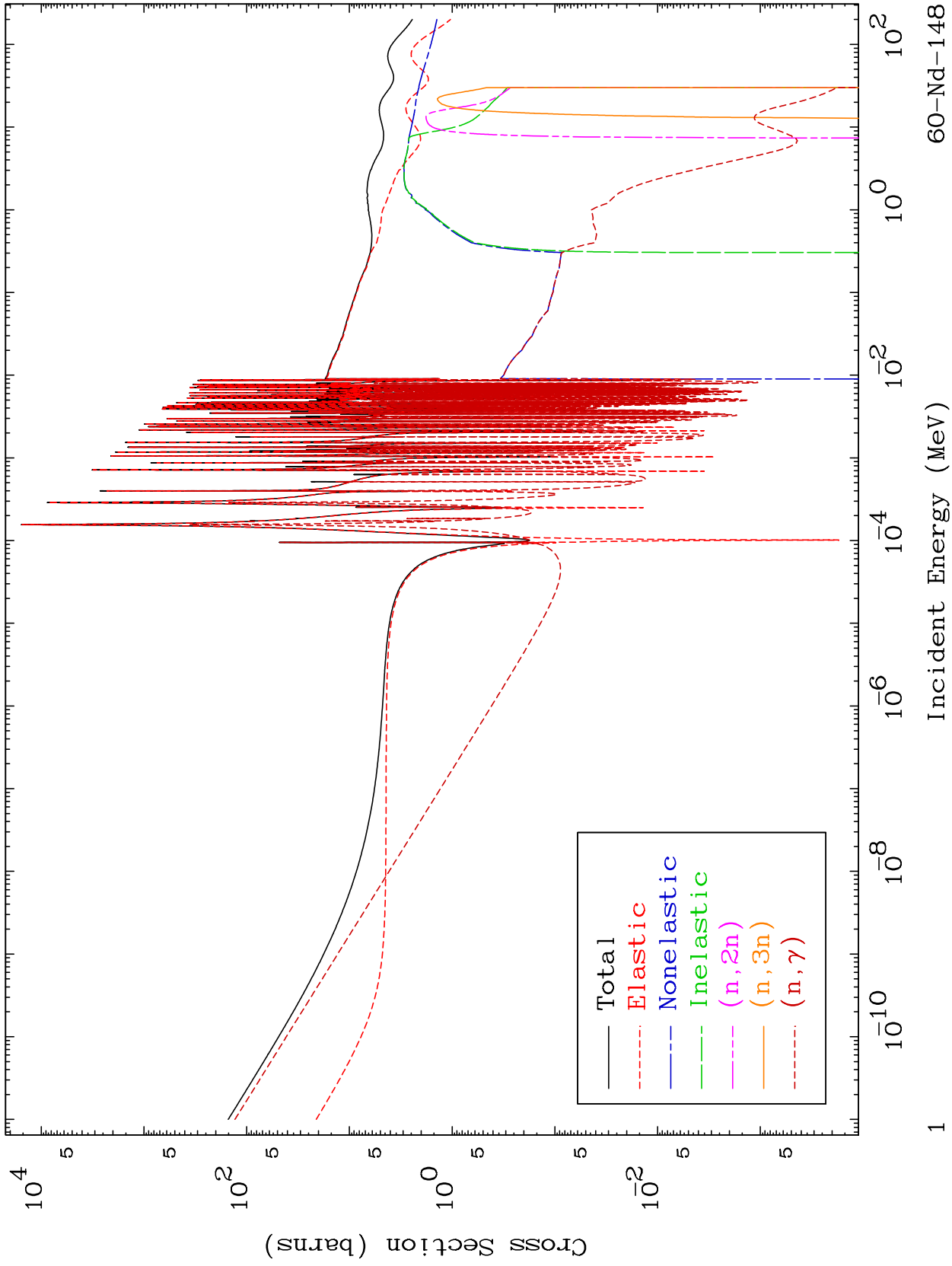
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6043

Neutron Major
293 Kelvin Cross Sections

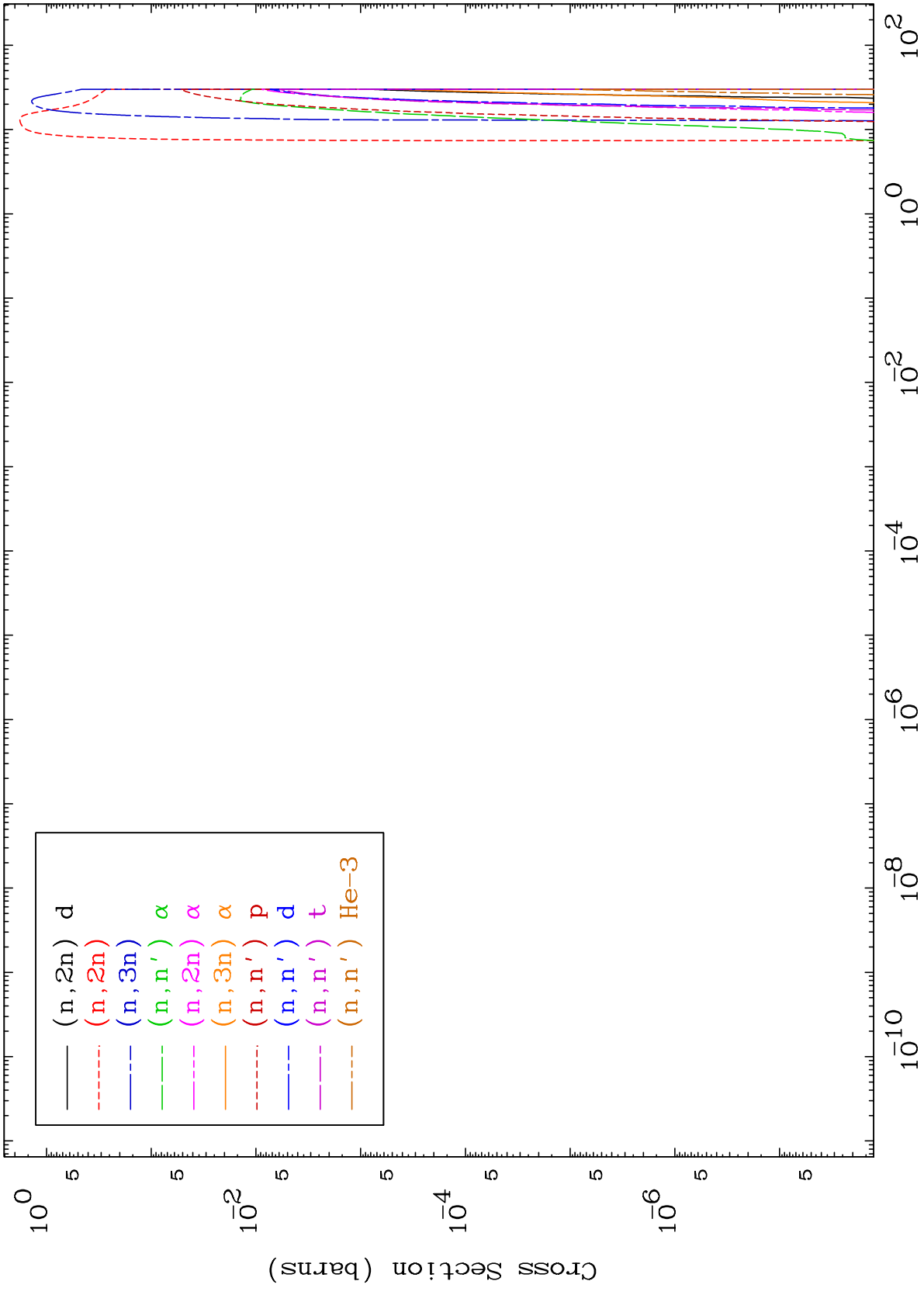
60-Nd-148



MAT 6043

Neutron Absorption
293 Kelvin Cross Sections

60-Nd-148

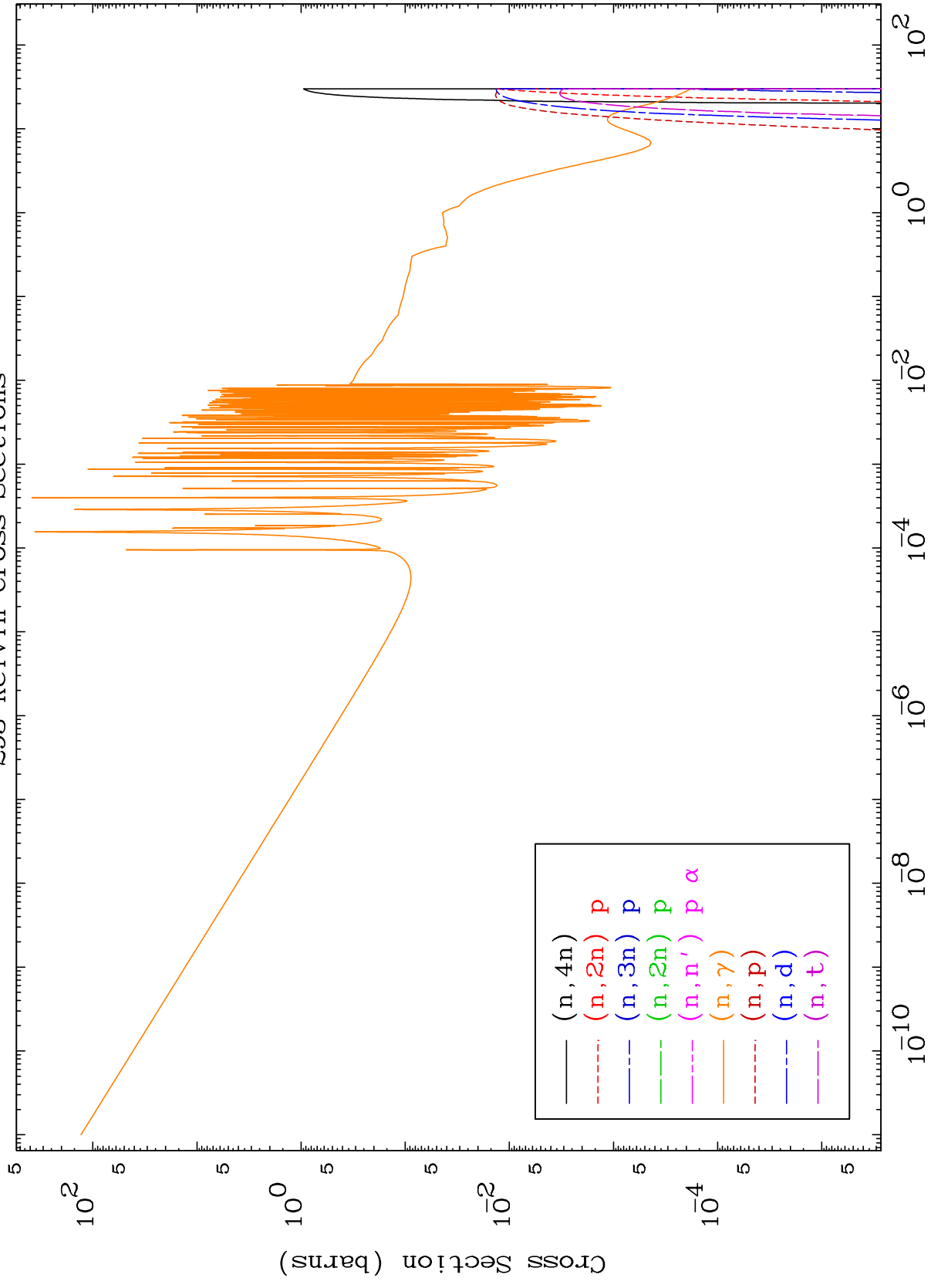


60-Nd-148

MAT 6043

Neutron Absorption
293 Kelvin Cross Sections

60-Nd-148

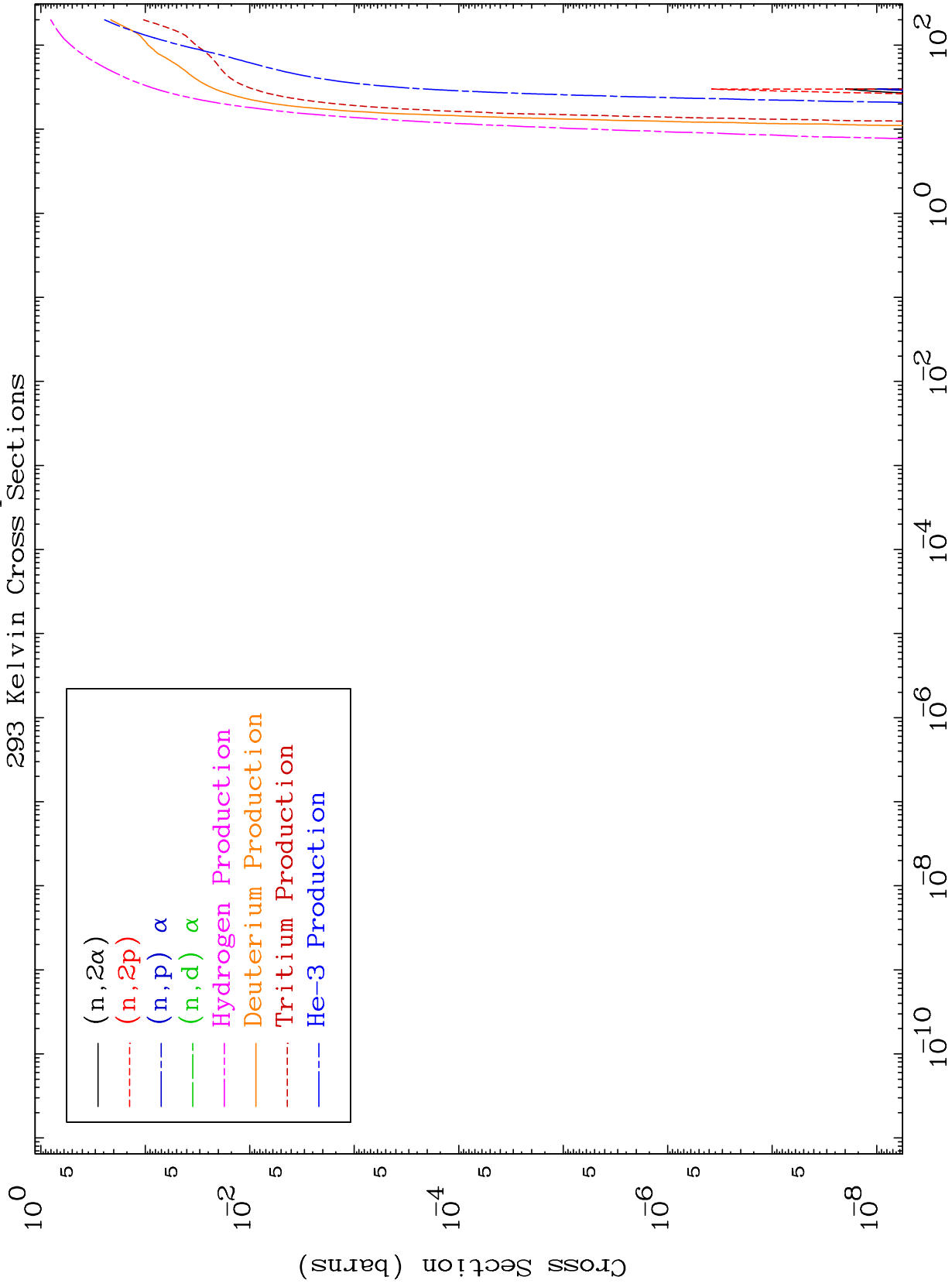


60-Nd-148

MAT 6043

Neutron Absorption
293 Kelvin Cross Sections

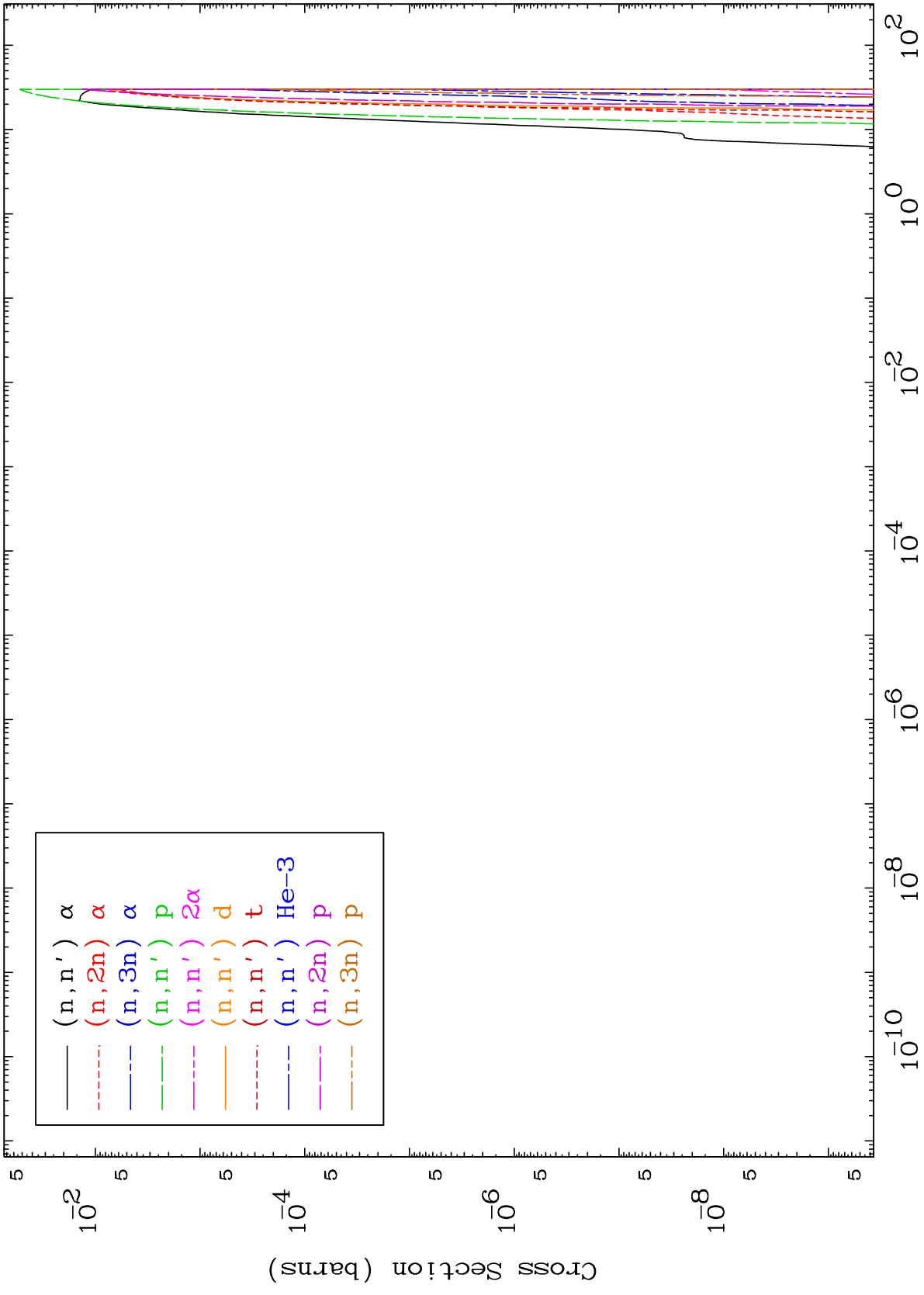
60-Nd-148



MAT 6043

293 Charged Particle
Kelvin Cross Sections

60-Nd-148



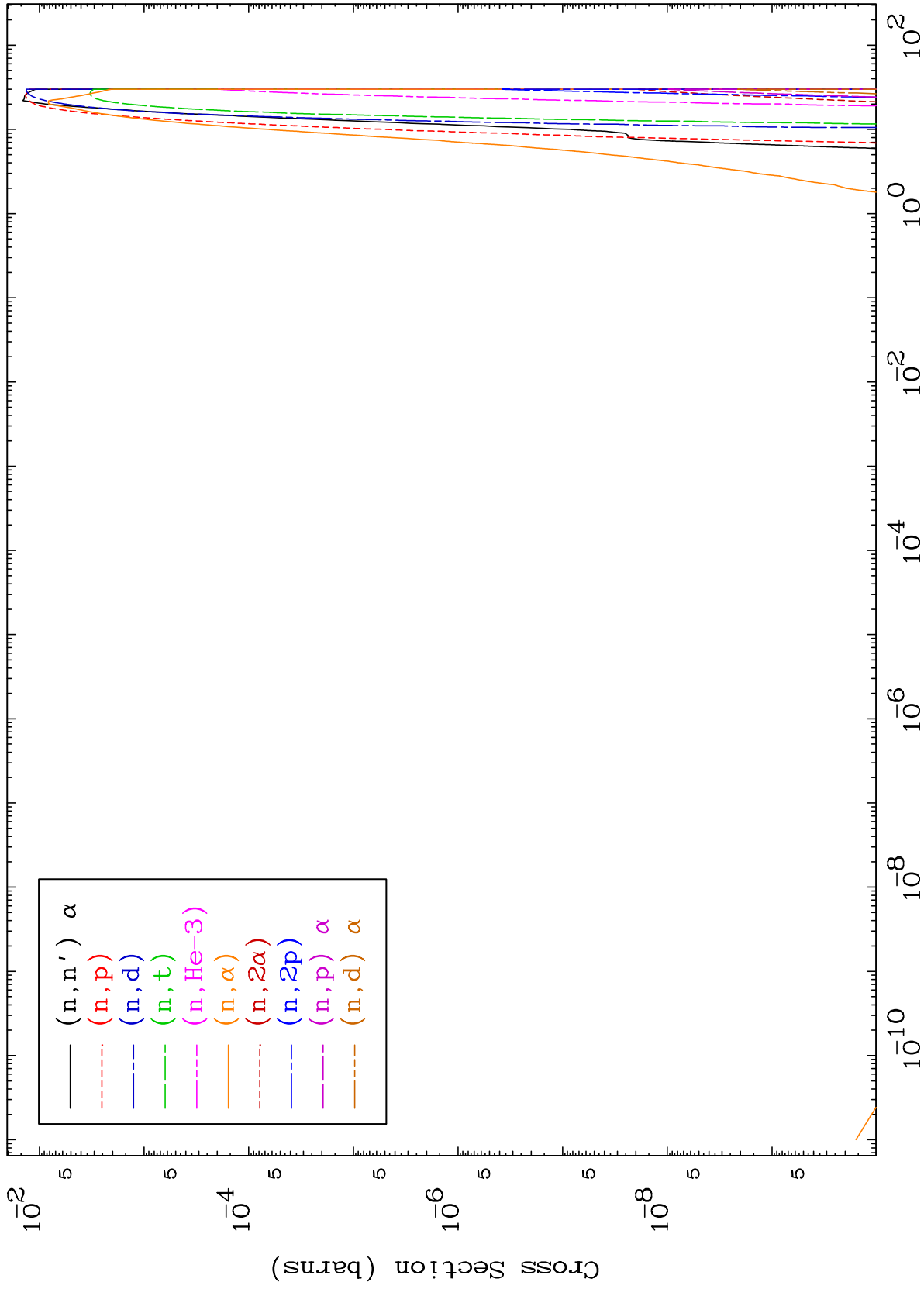
5

60-Nd-148

MAT 6043

293 Kelvin Cross Sections

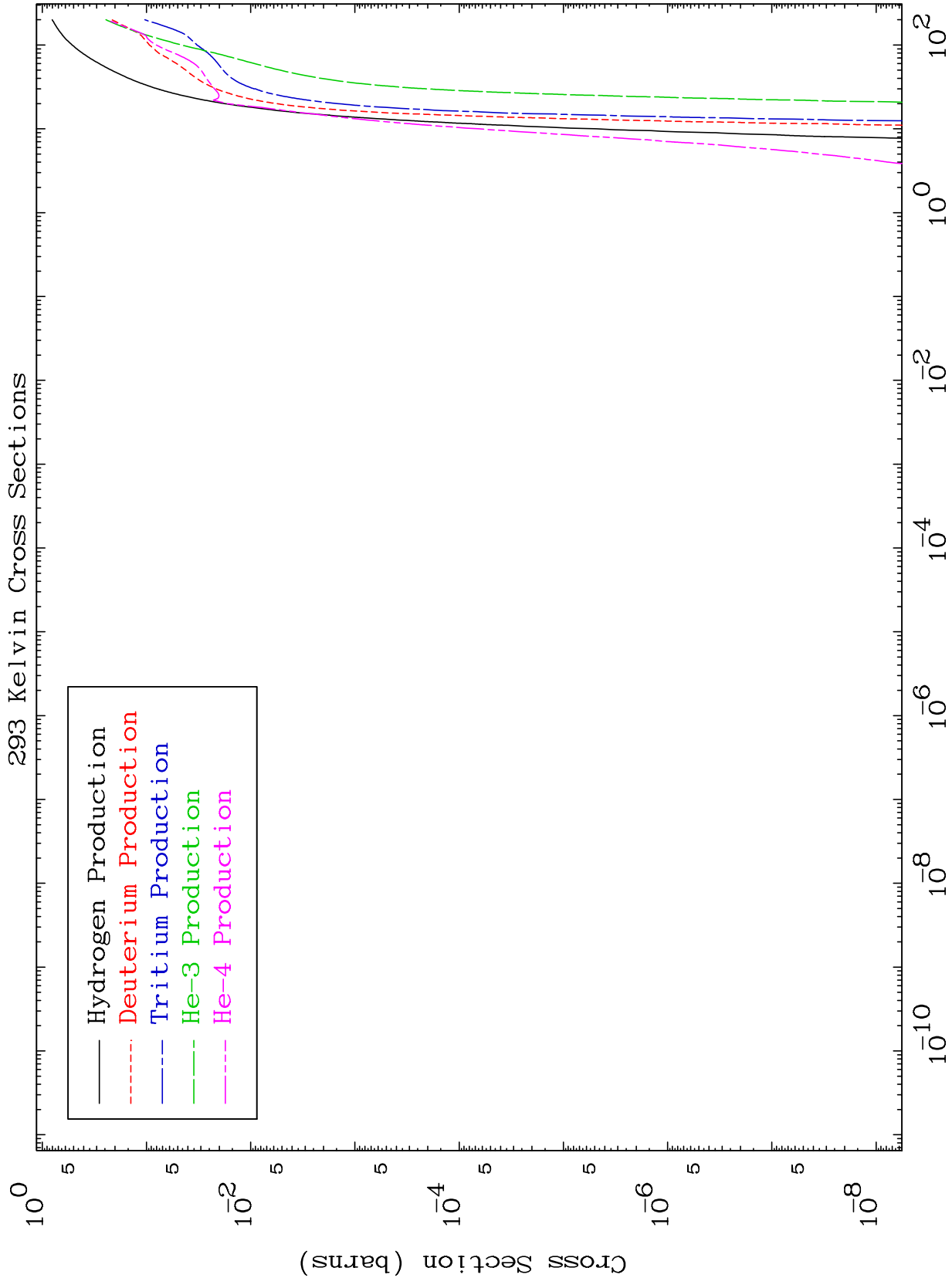
60-Nd-148



MAT 6043

Particle Production
293 Kelvin Cross Sections

60-Nd-148

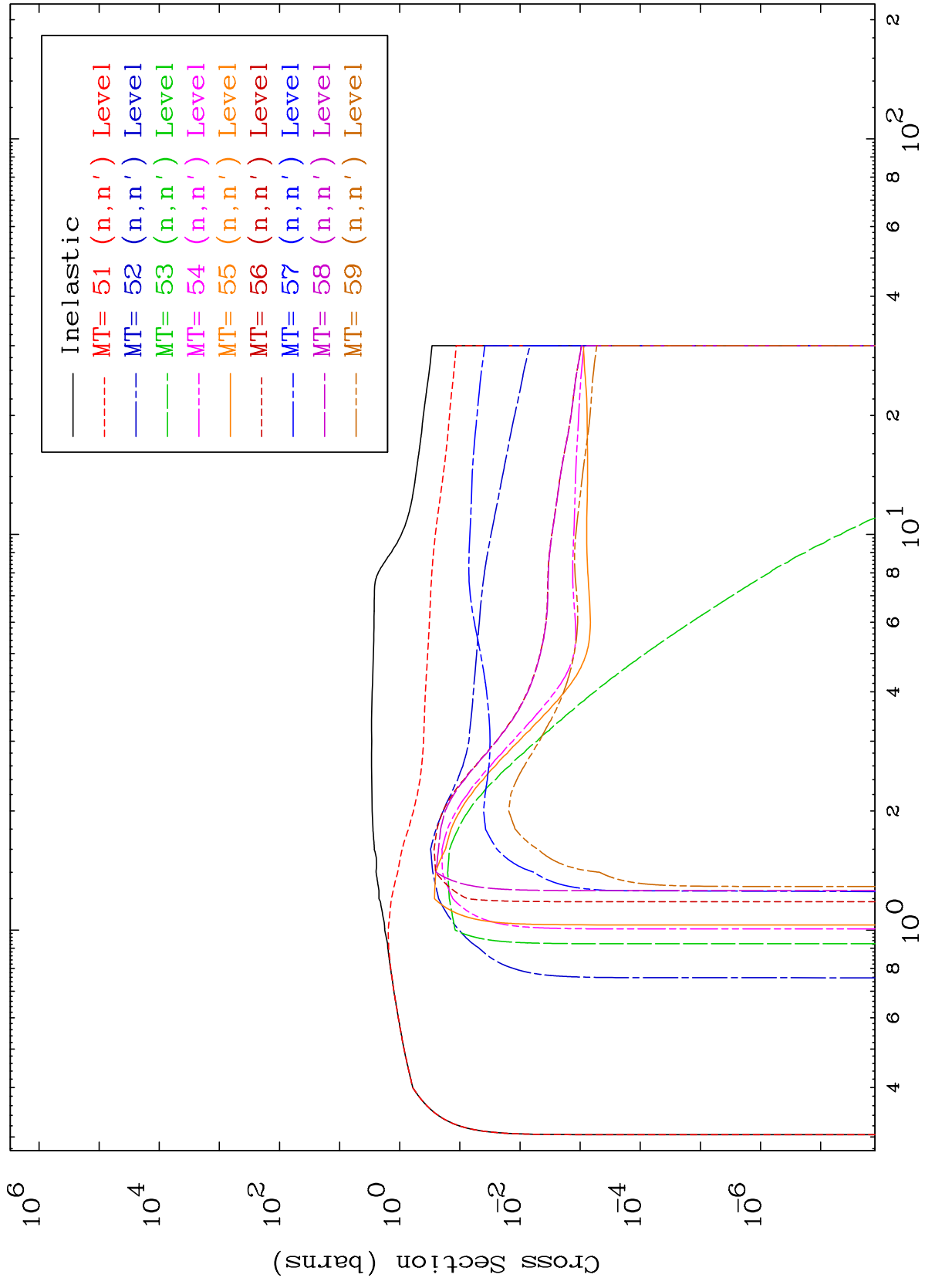


60-Nd-148

MAT 6043

(n,n') Levels
293 Kelvin Cross Sections

60-Nd-148



8

Incident Energy (MeV)

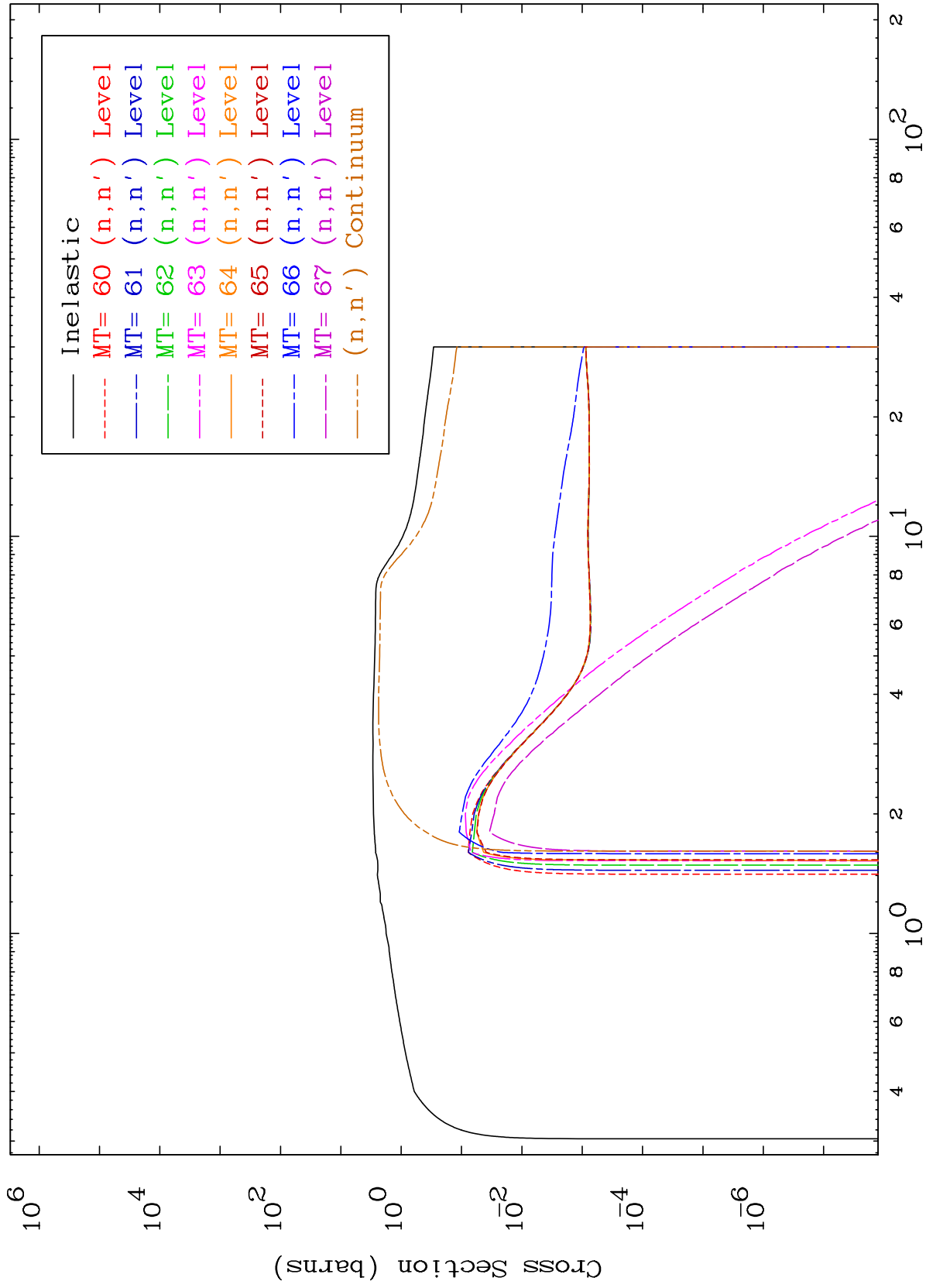
60-Nd-148

MAT 6043

(n,n') Levels

60-Nd-148

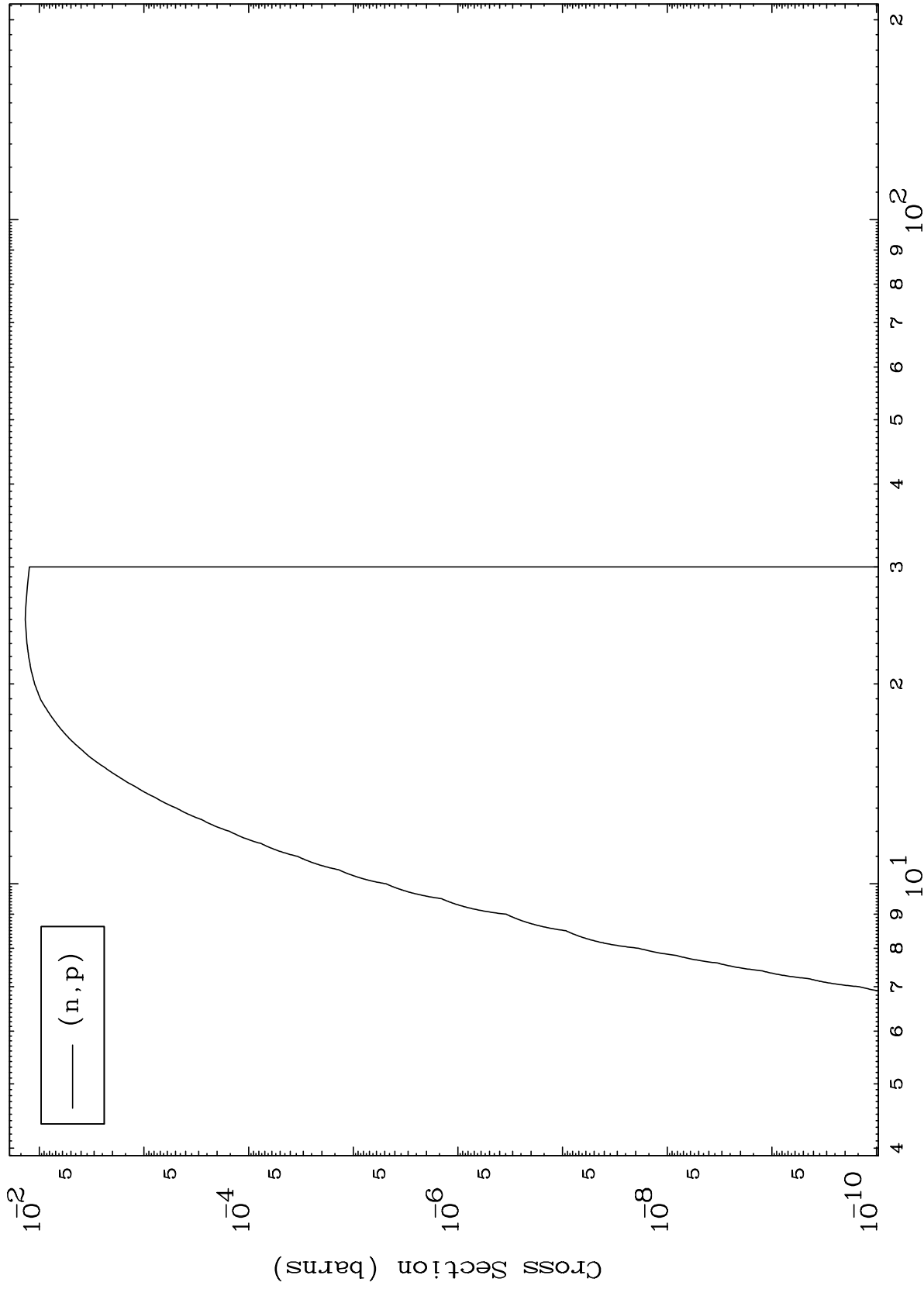
293 Kelvin Cross Sections



MAT 6043

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-148



10

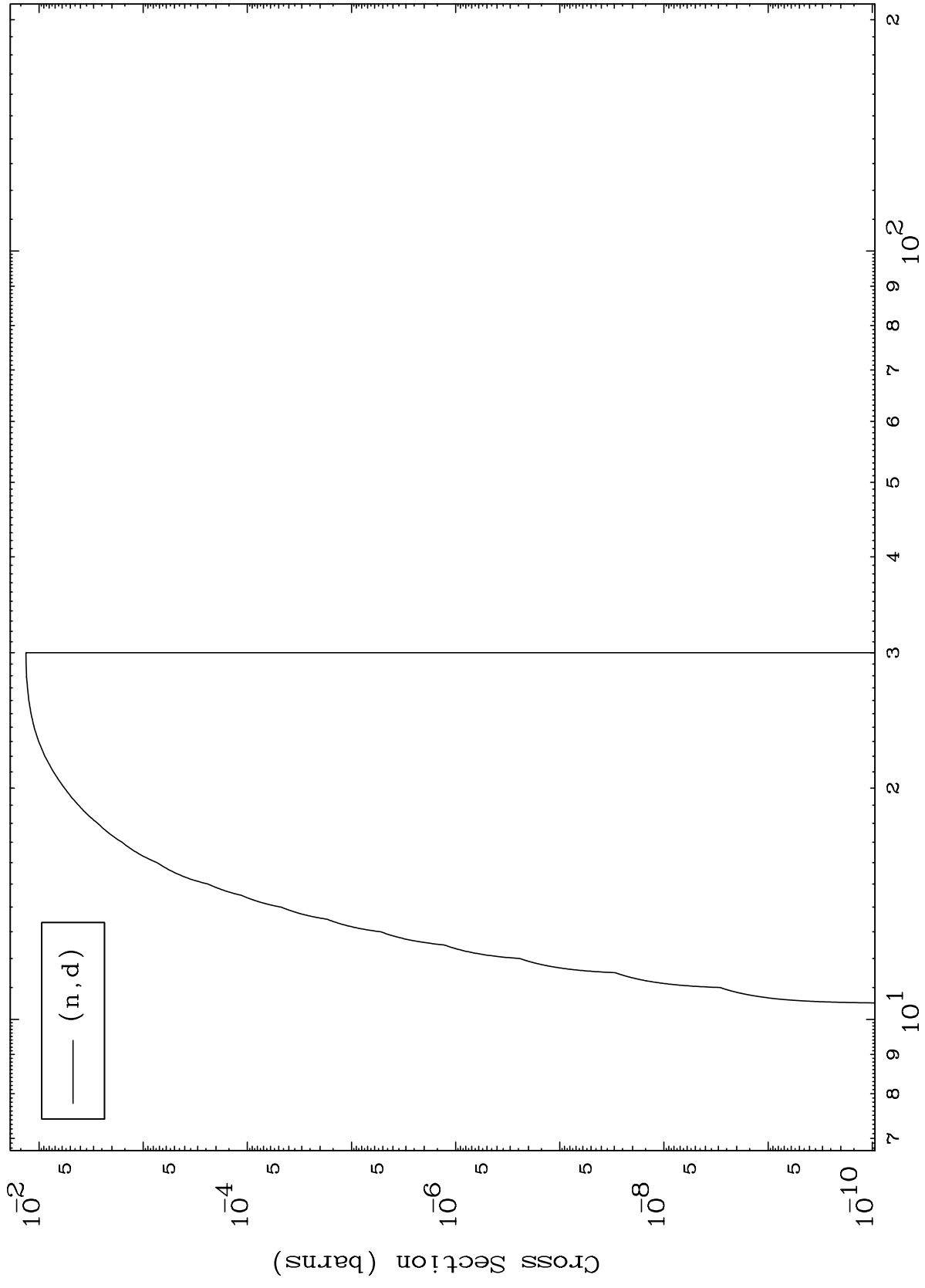
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-148



11

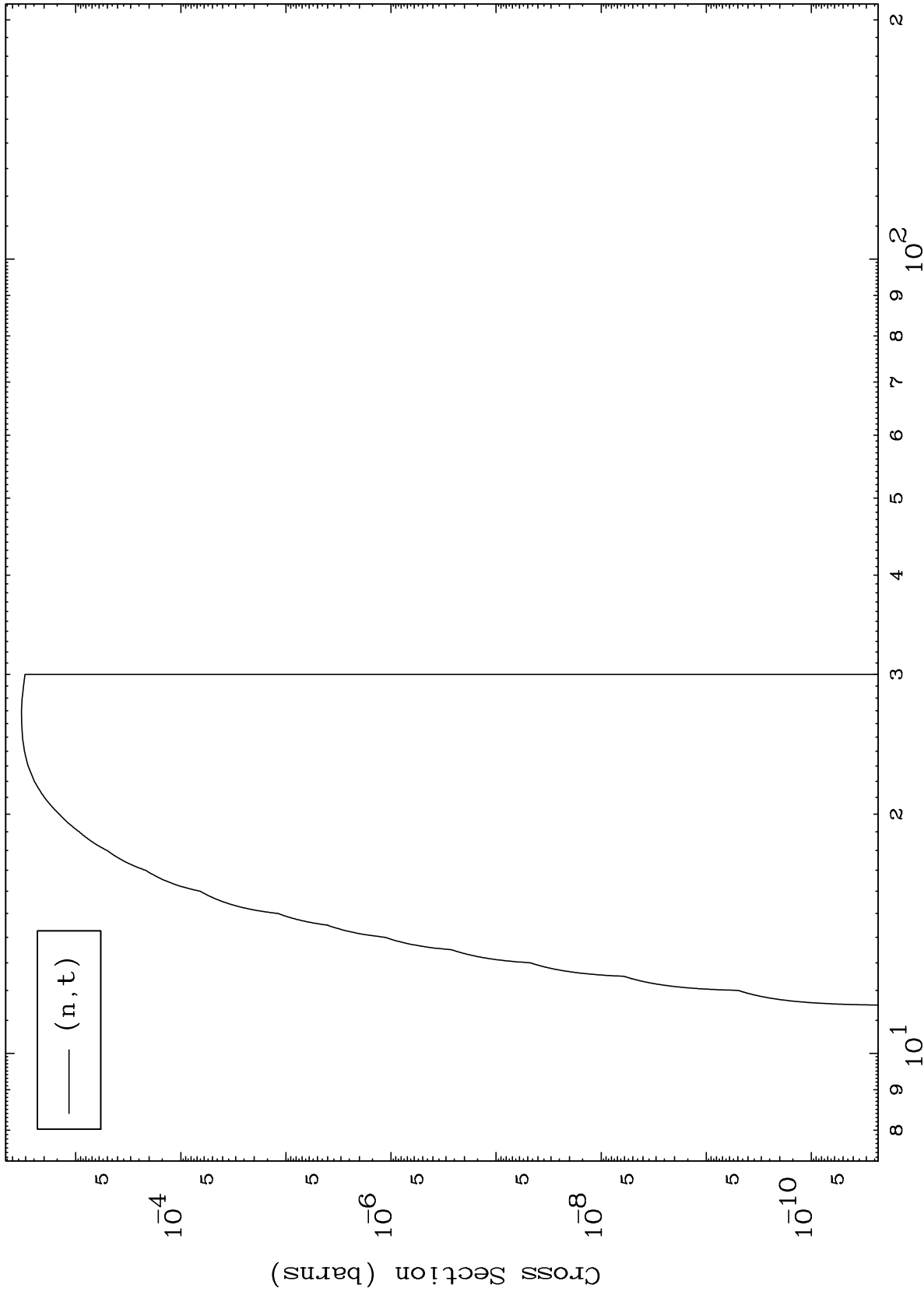
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-148



12

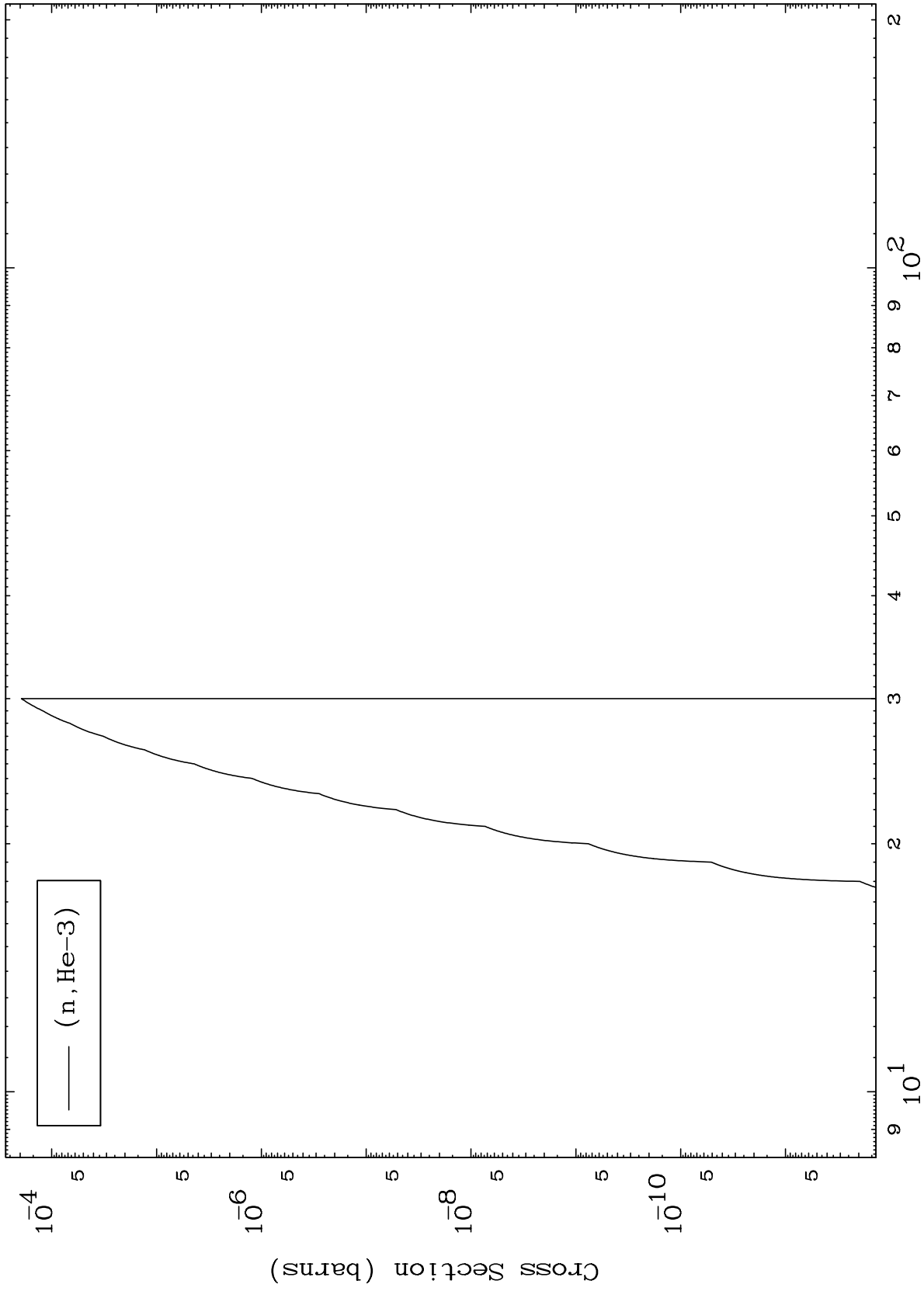
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,He3) Levels
293 Kelvin Cross Sections

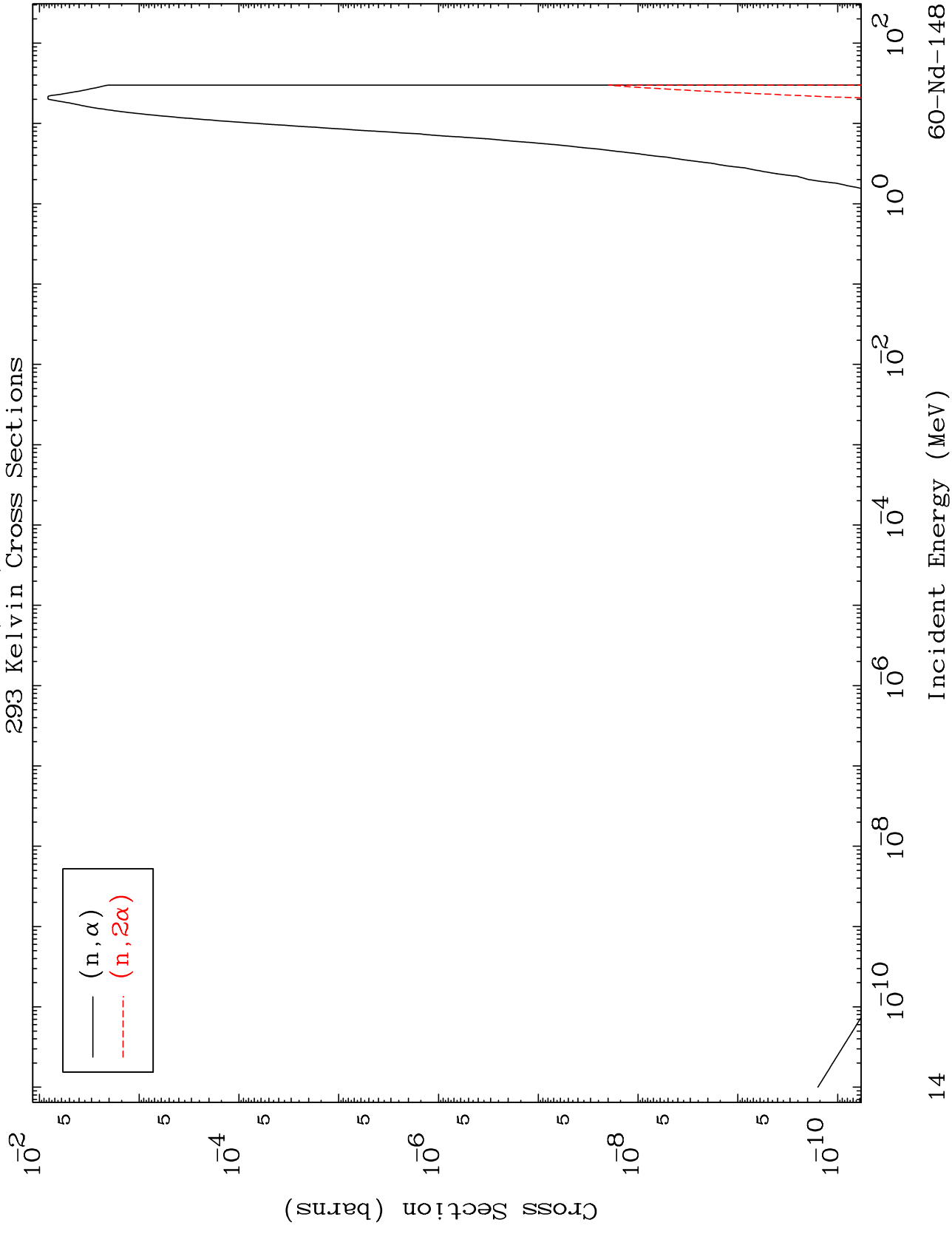
60-Nd-148



MAT 6043

(n,α) Levels
293 Kelvin Cross Sections

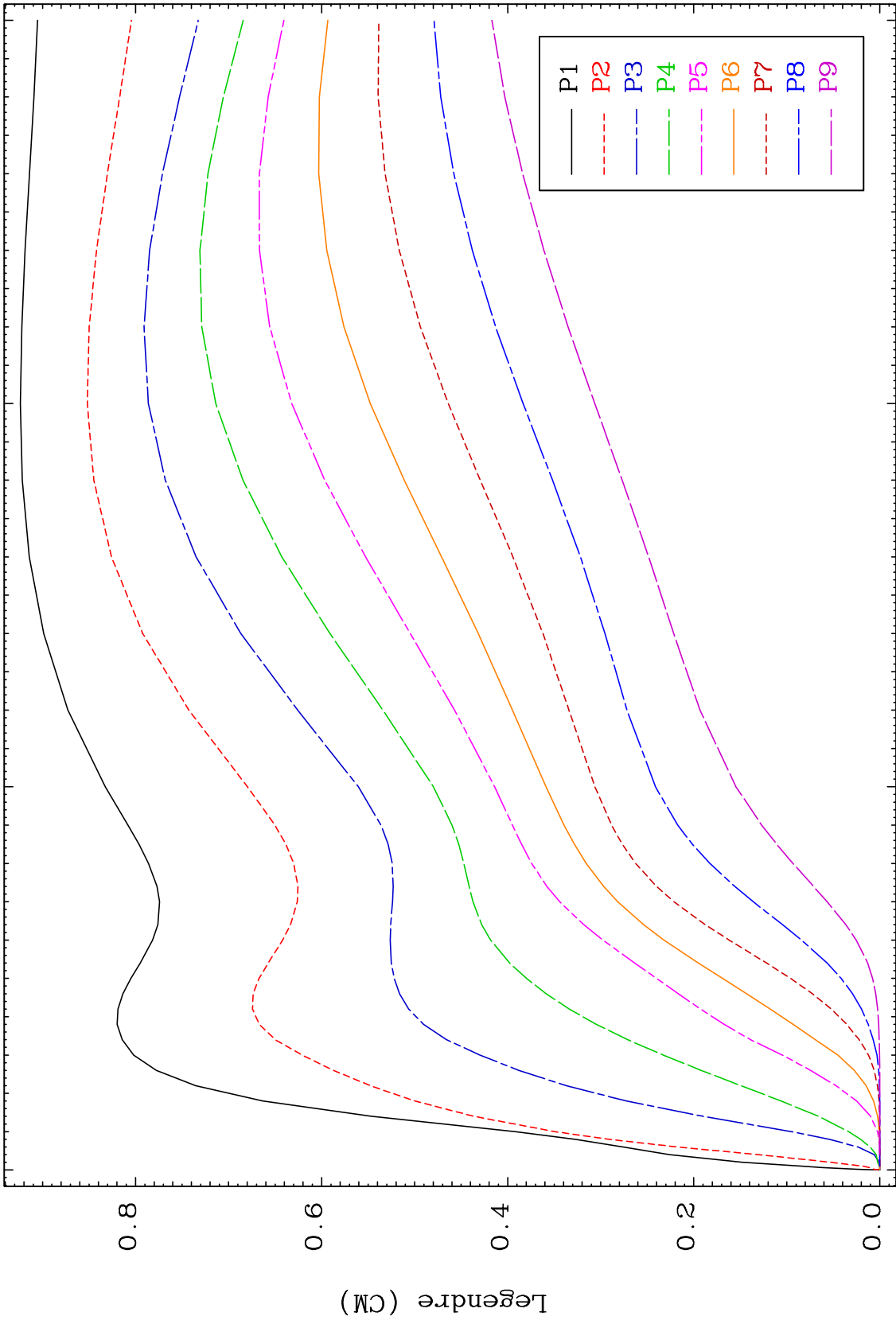
60-Nd-148



MAT 6043

Elastic Legendre Coefficients

$^{60}\text{Nd-148}$

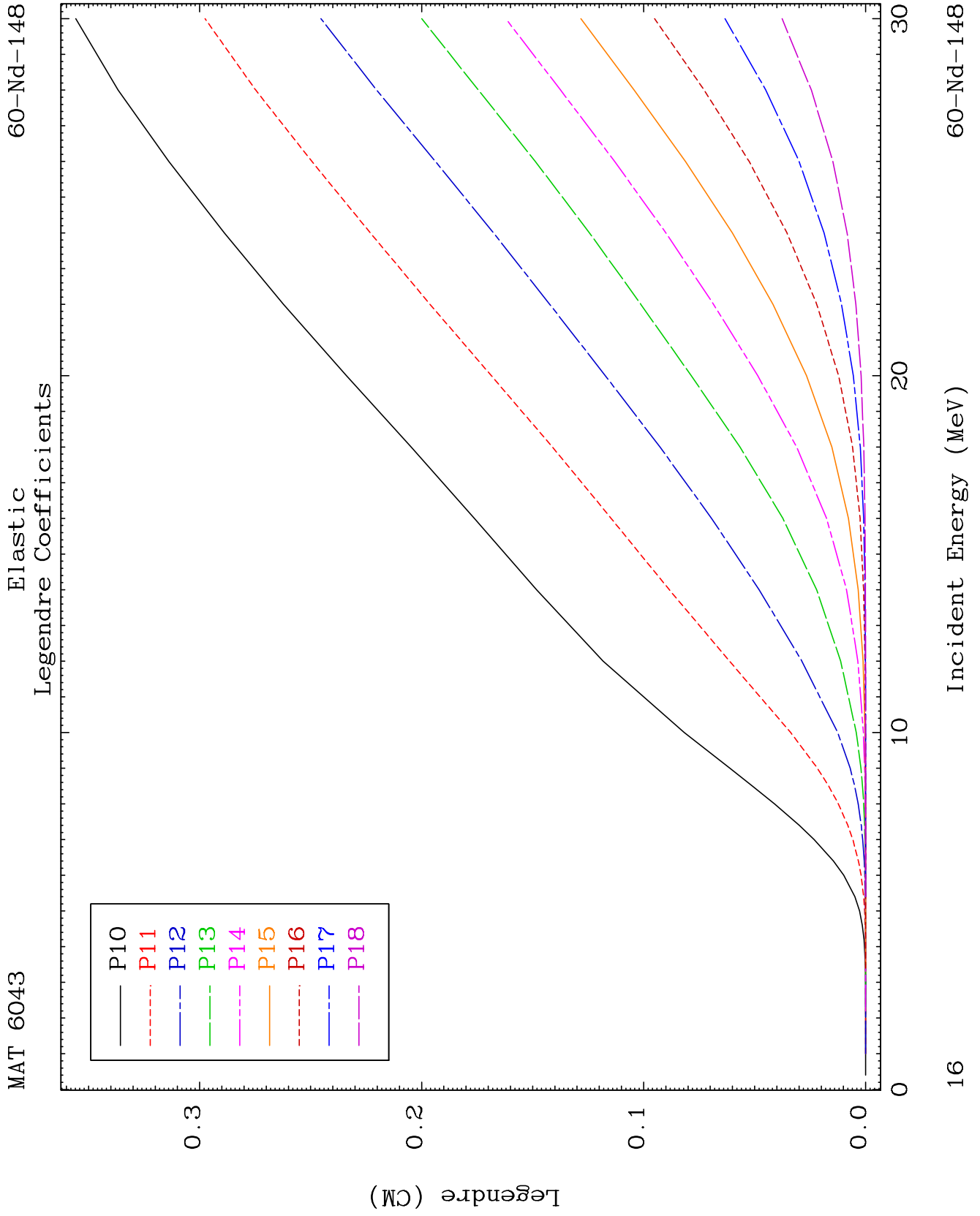


15

Incident Energy (MeV)

$^{60}\text{Nd-148}$

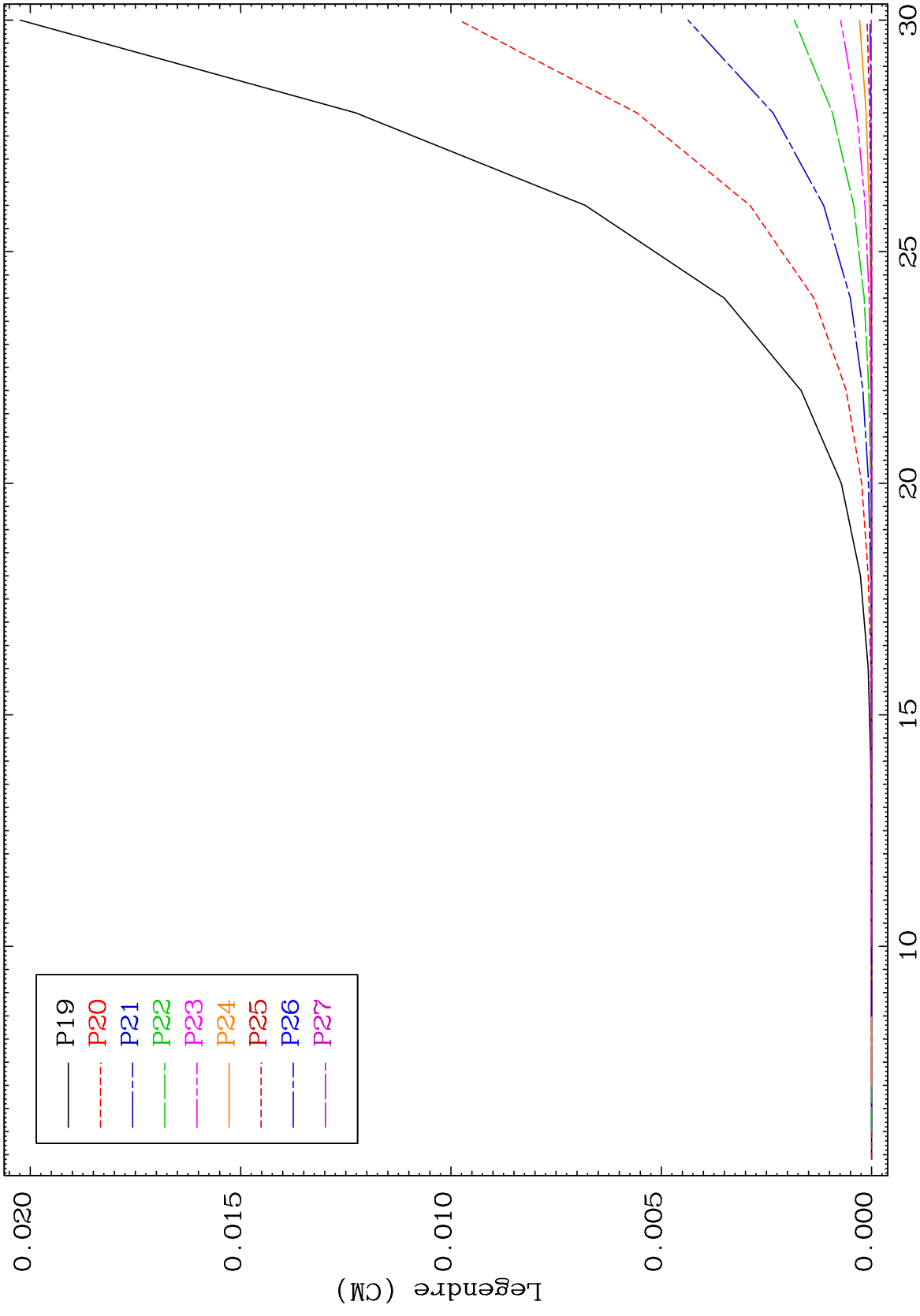
30



MAT 6043

Elastic Legendre Coefficients

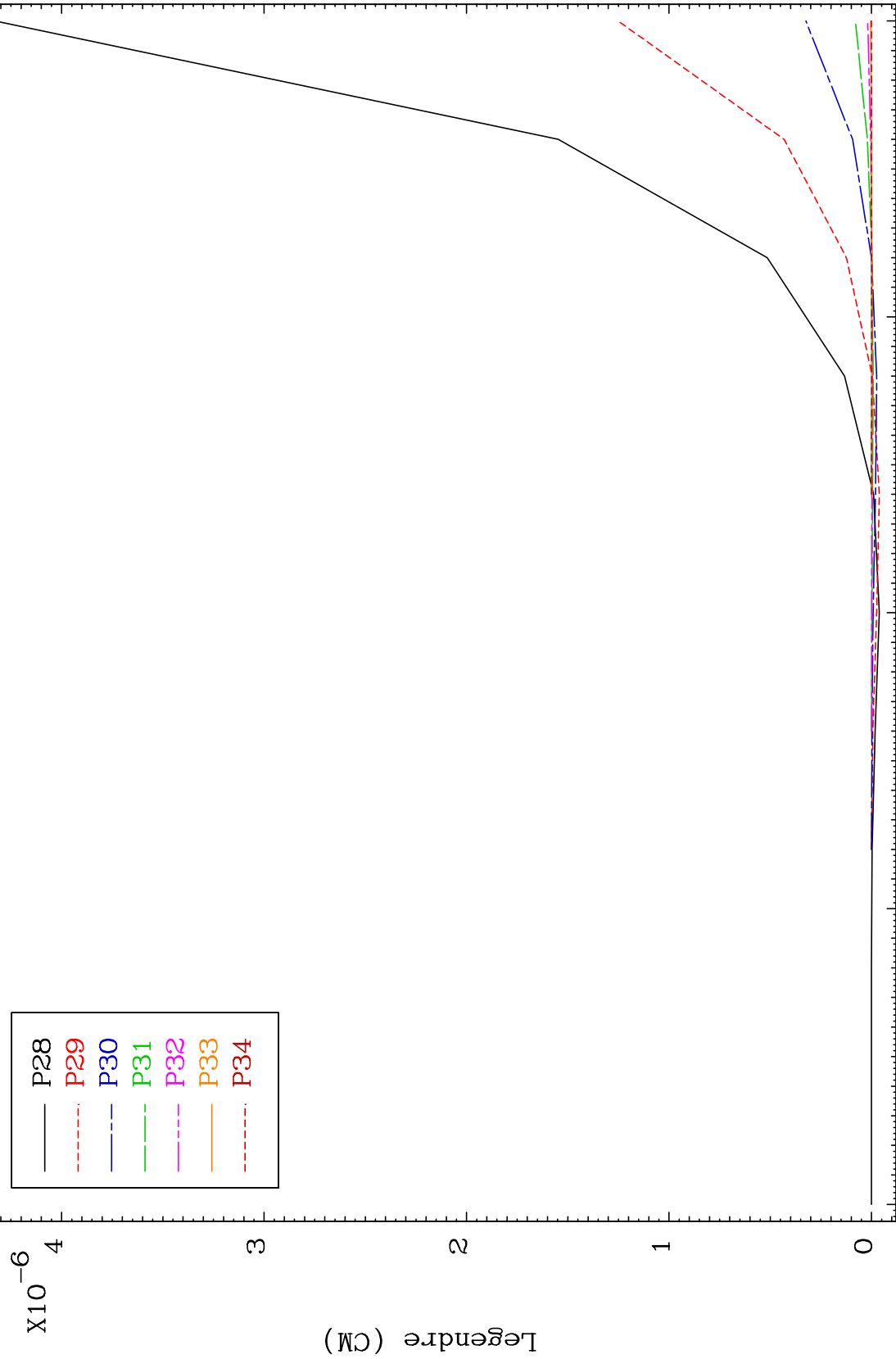
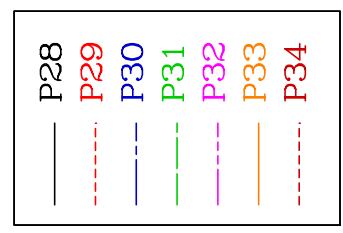
60-Nd-148



MAT 6043

Elastic Legendre Coefficients

60-Nd-148



18

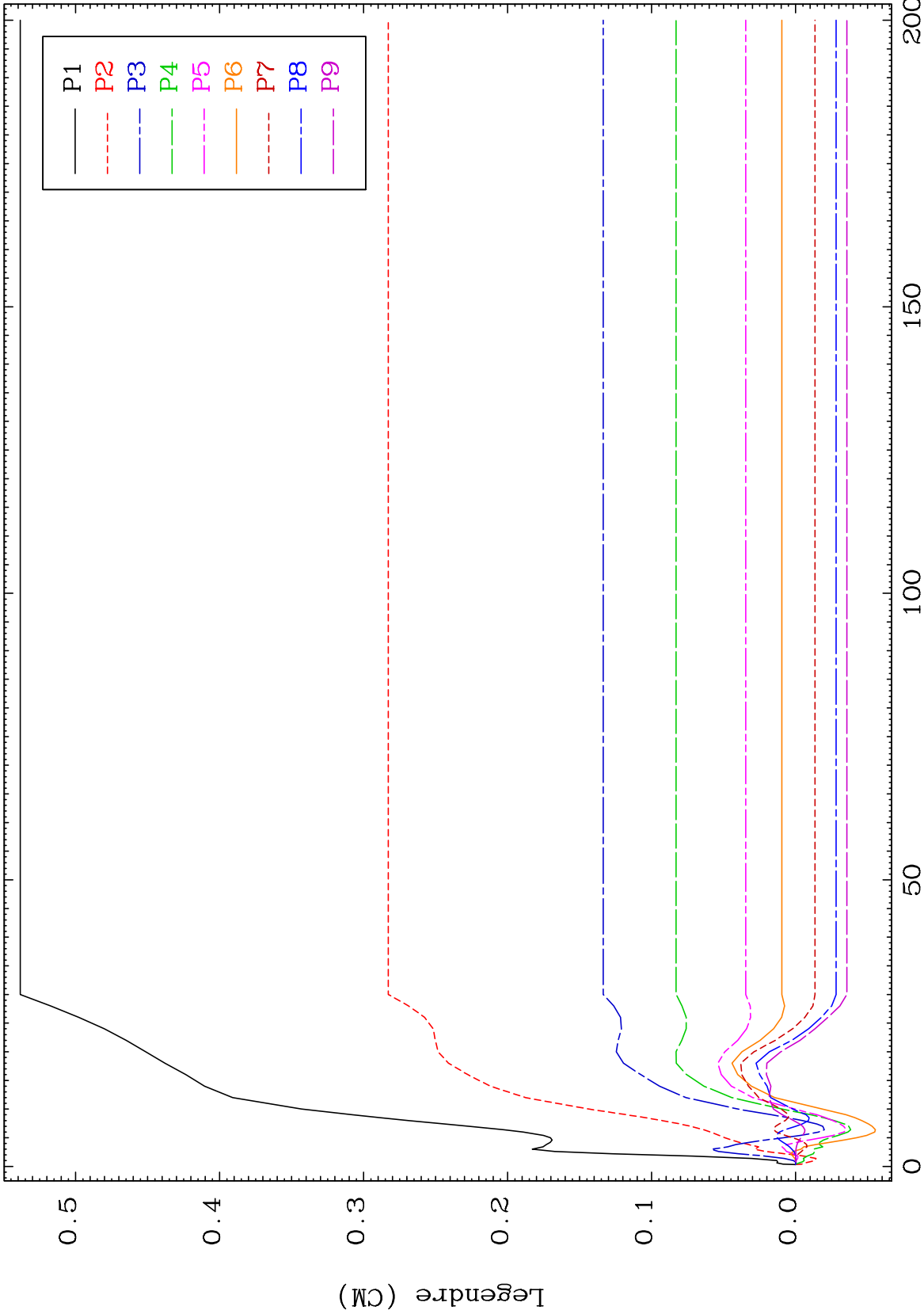
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



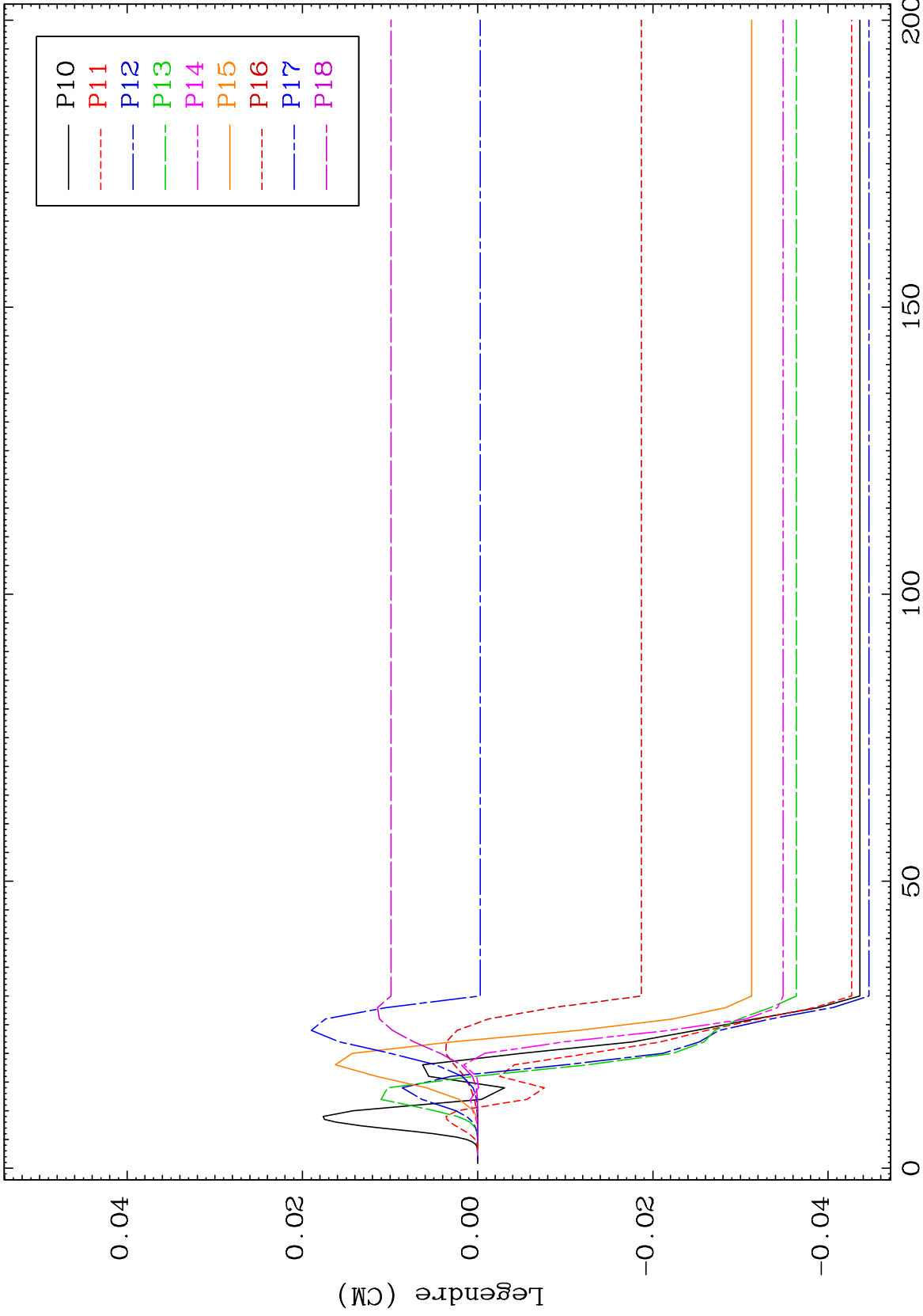
19

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

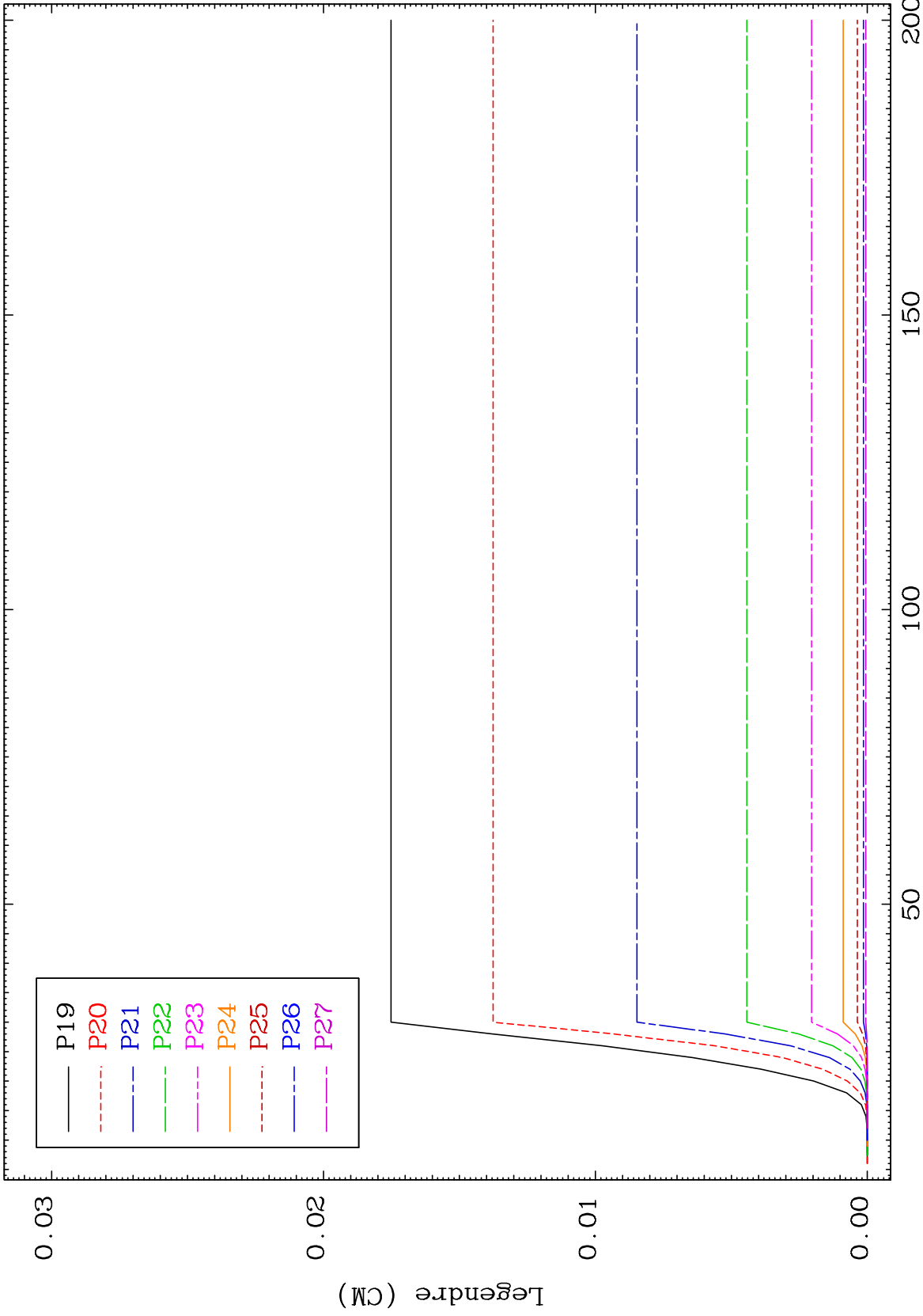
Incident Energy (MeV)

20

MAT 6043

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

60-Nd-148



21

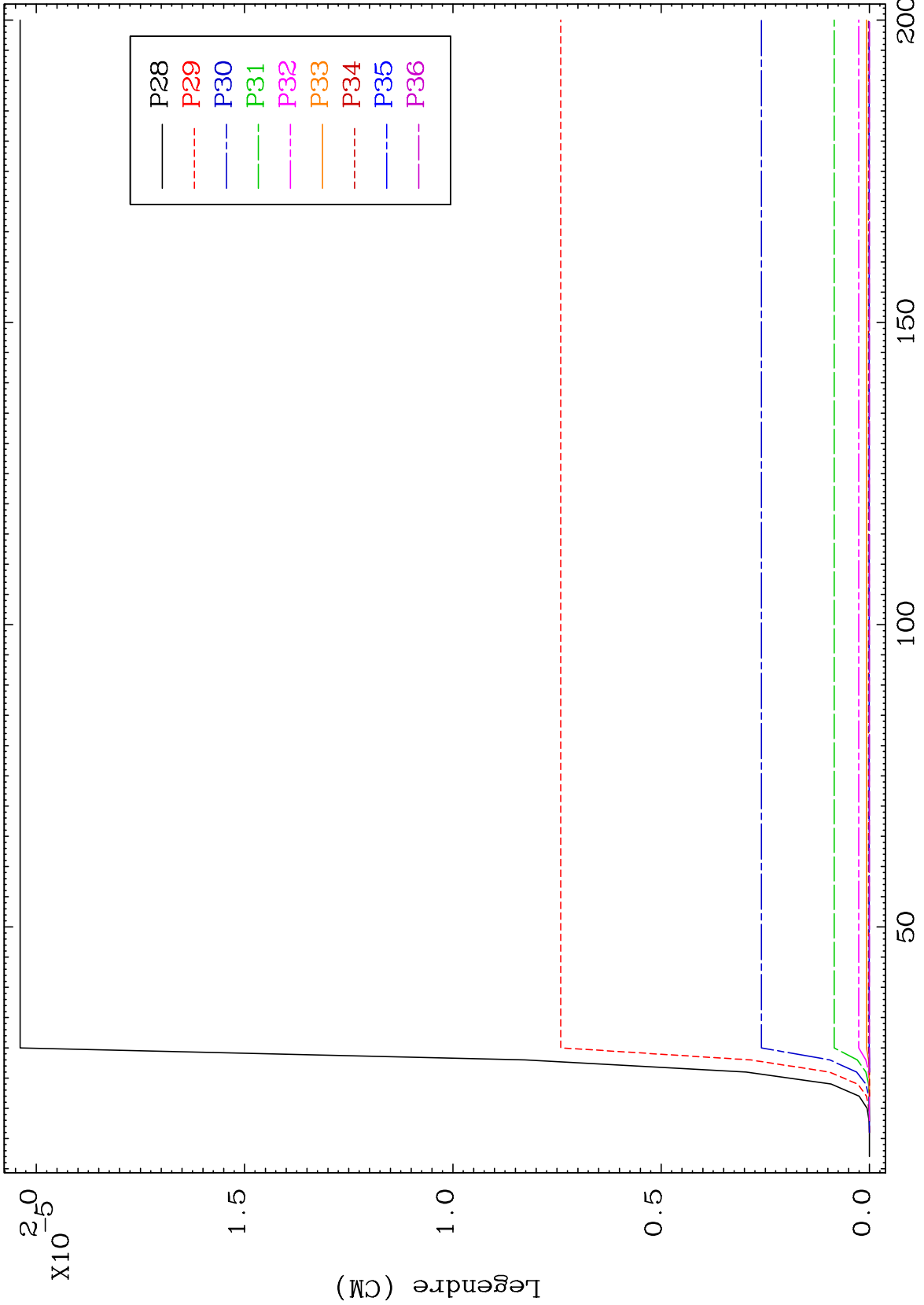
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



22

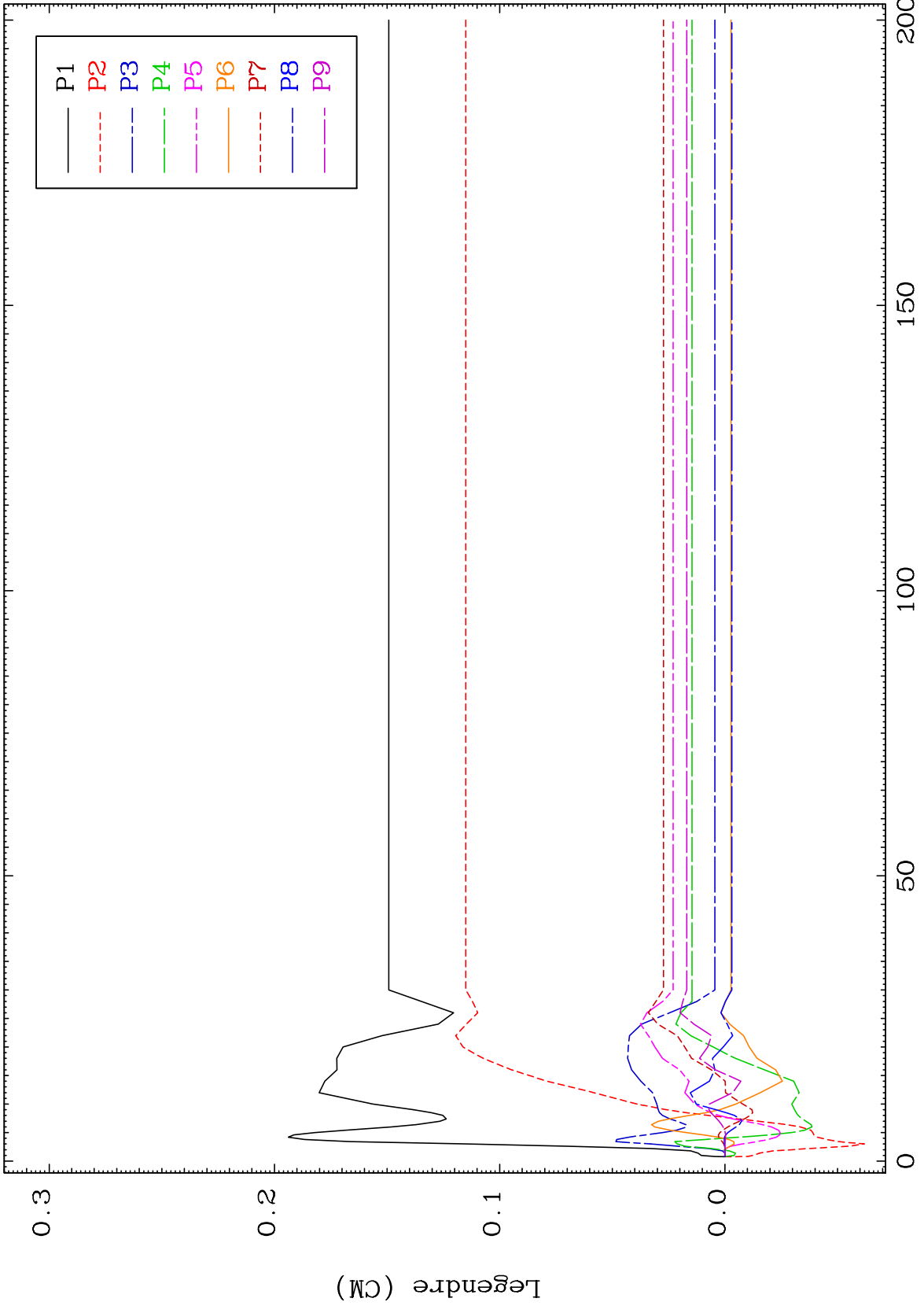
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



23

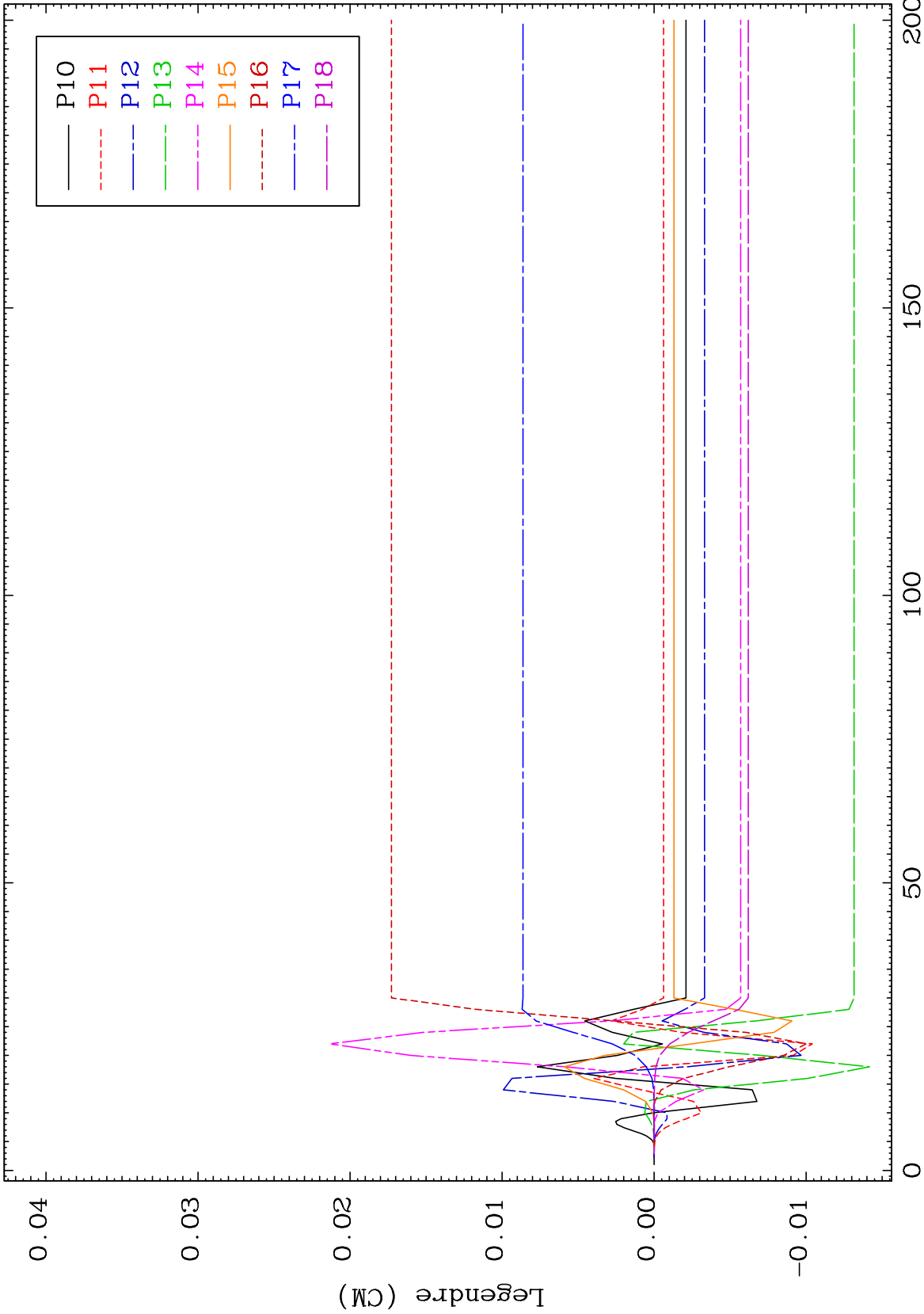
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



24

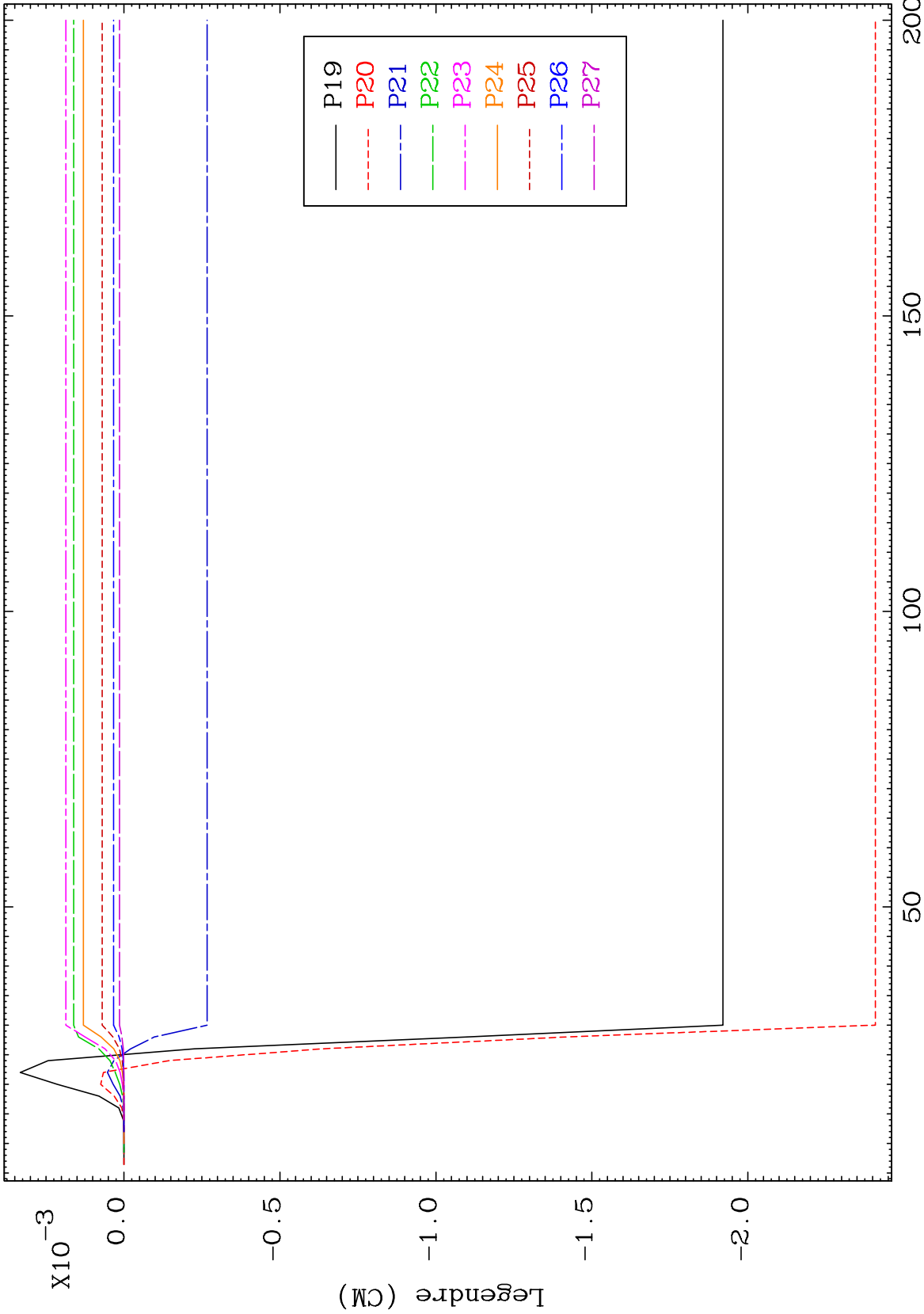
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



25

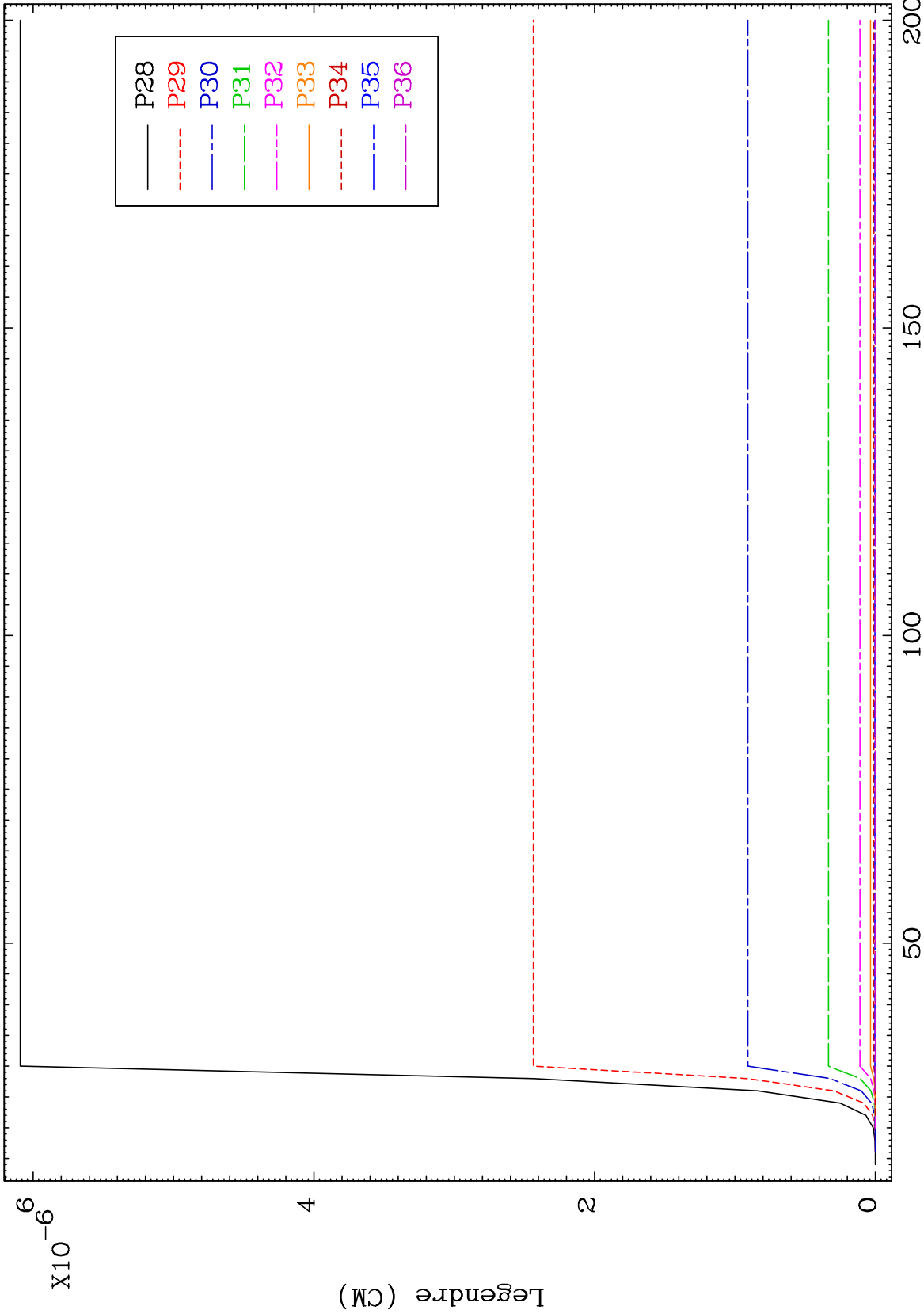
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



26

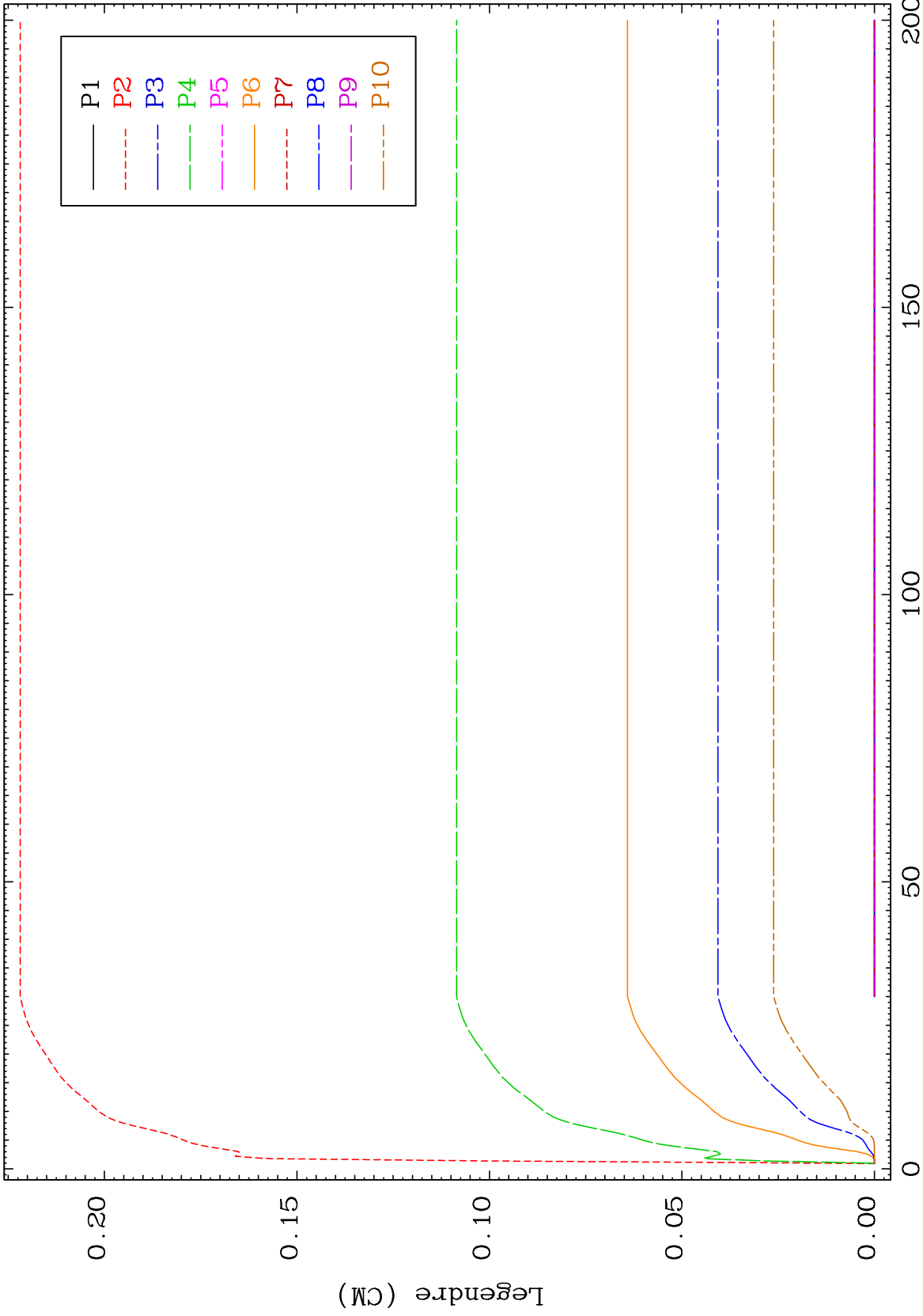
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



27

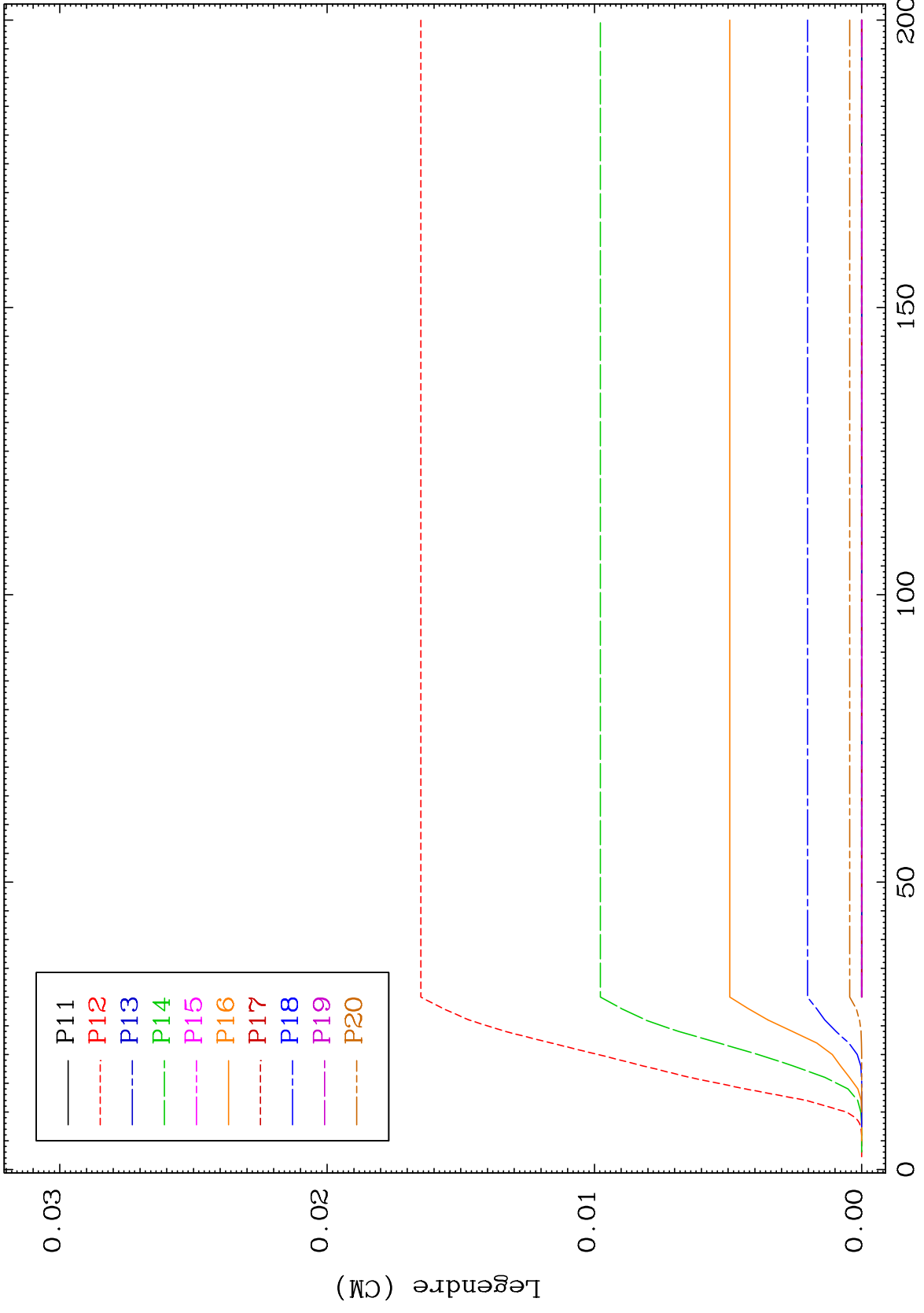
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



28

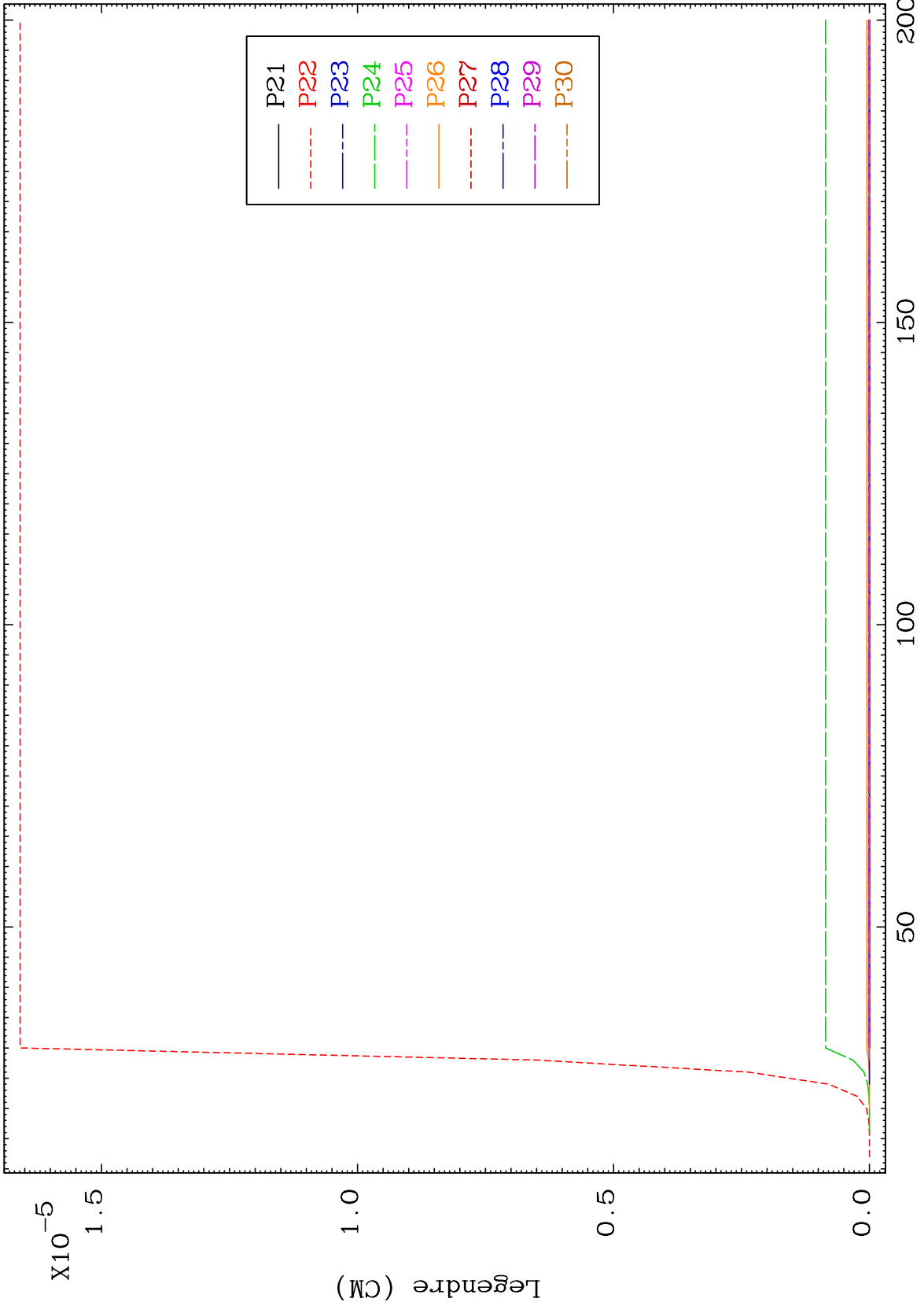
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

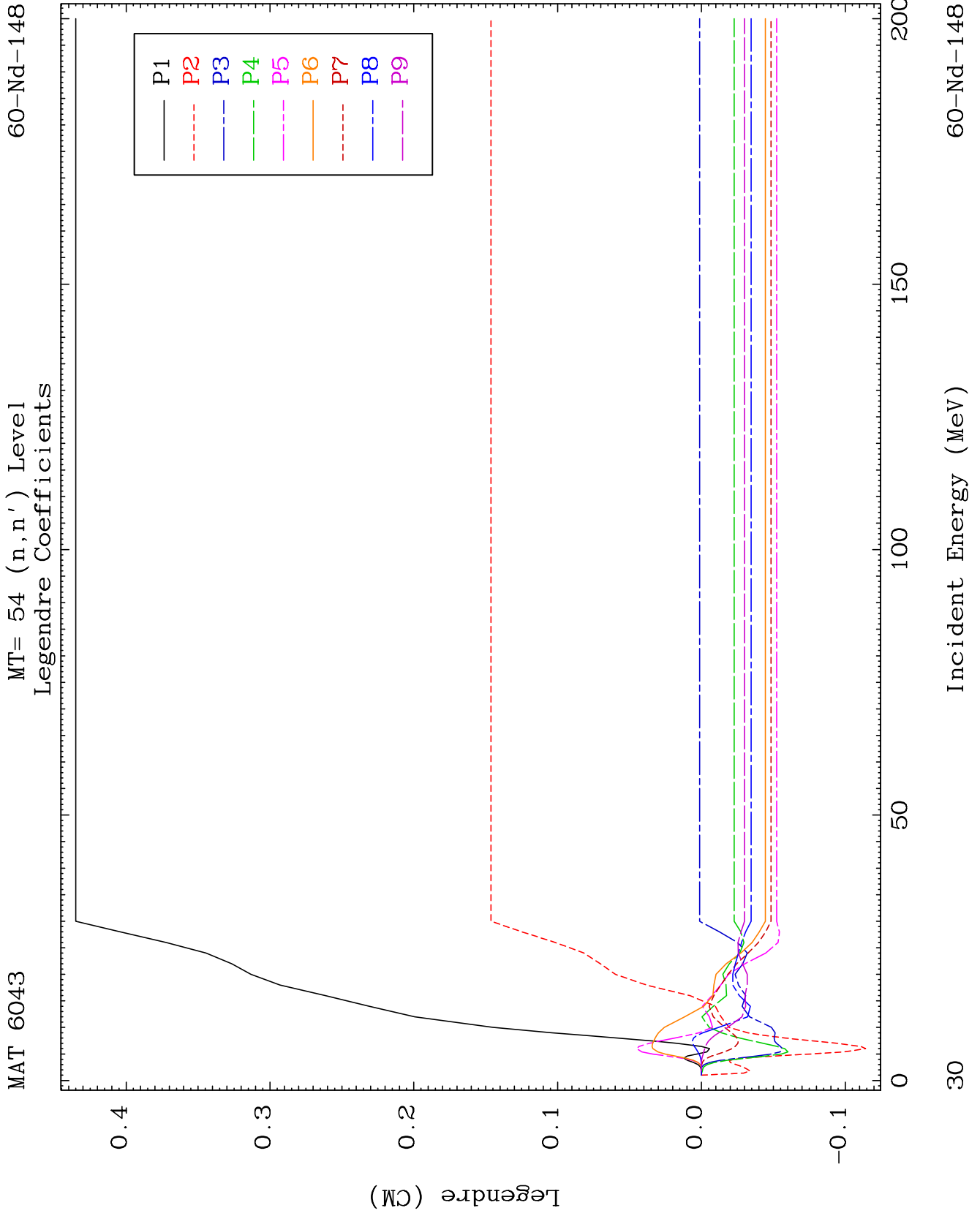
60-Nd-148



60-Nd-148

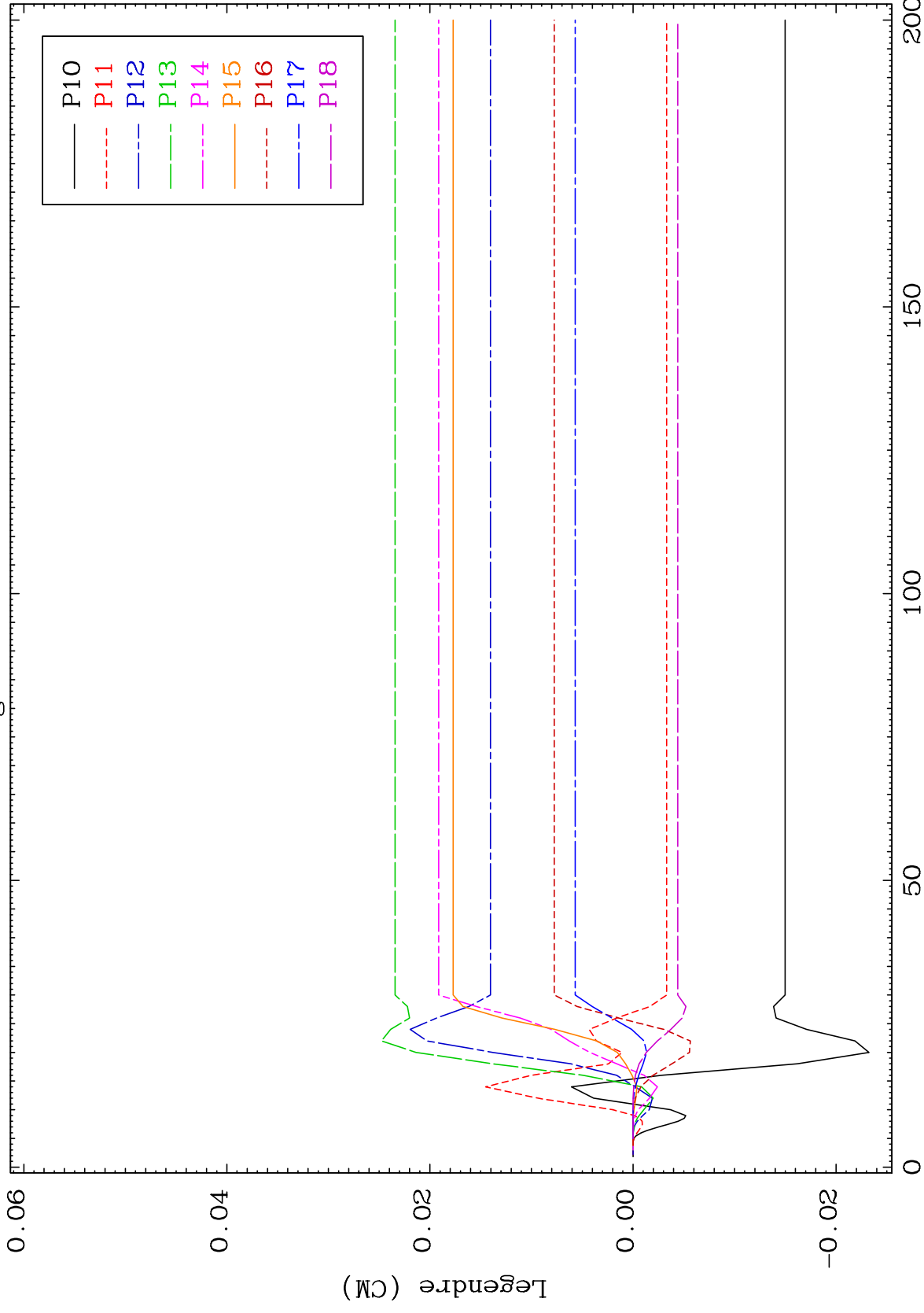
Incident Energy (MeV)

29



MAT 6043 MT= 54 (n,n') Level Legendre Coefficients

60-Nd-148



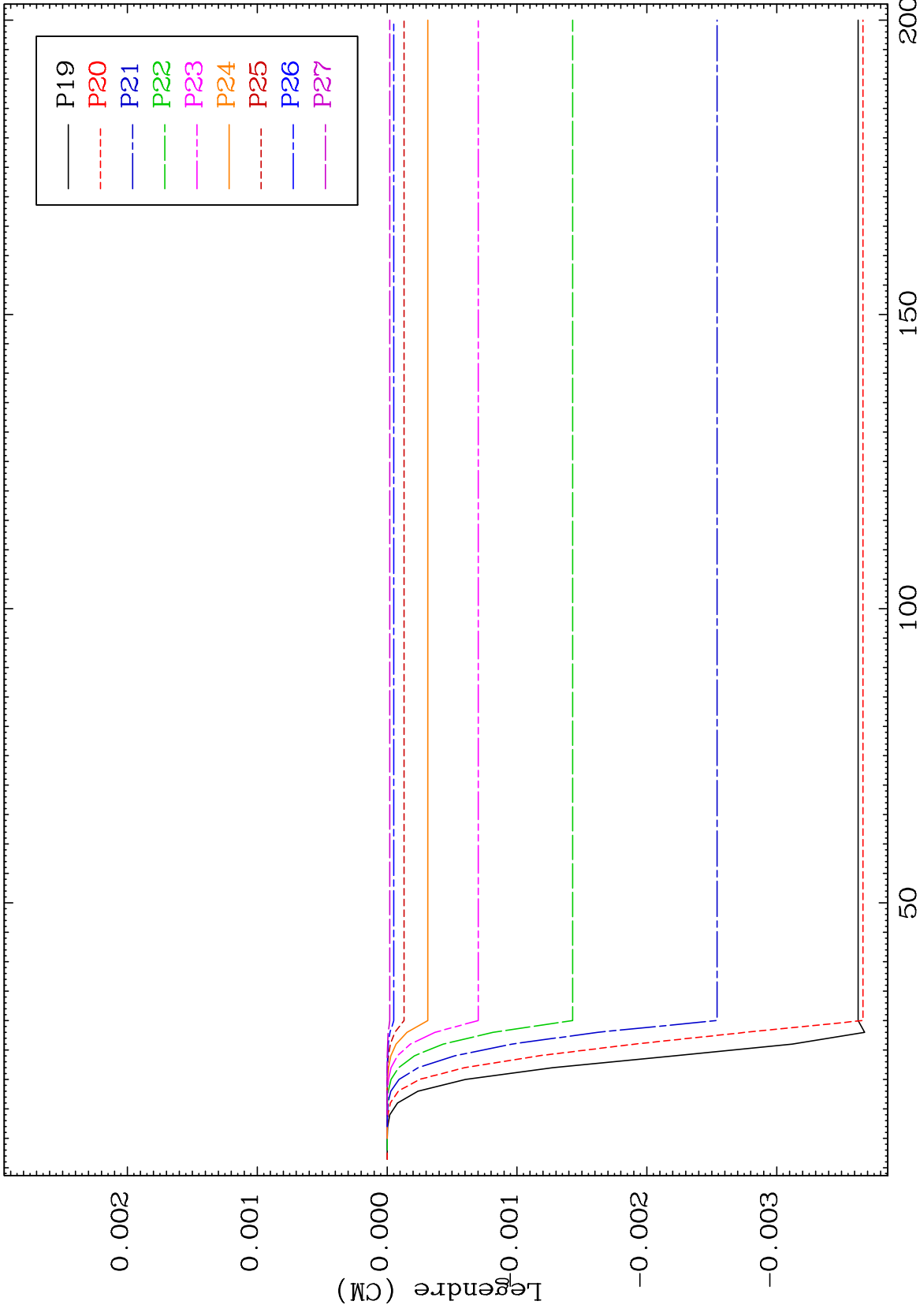
60-Nd-148

Incident Energy (MeV)

MAT 6043

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

60-Nd-148



32

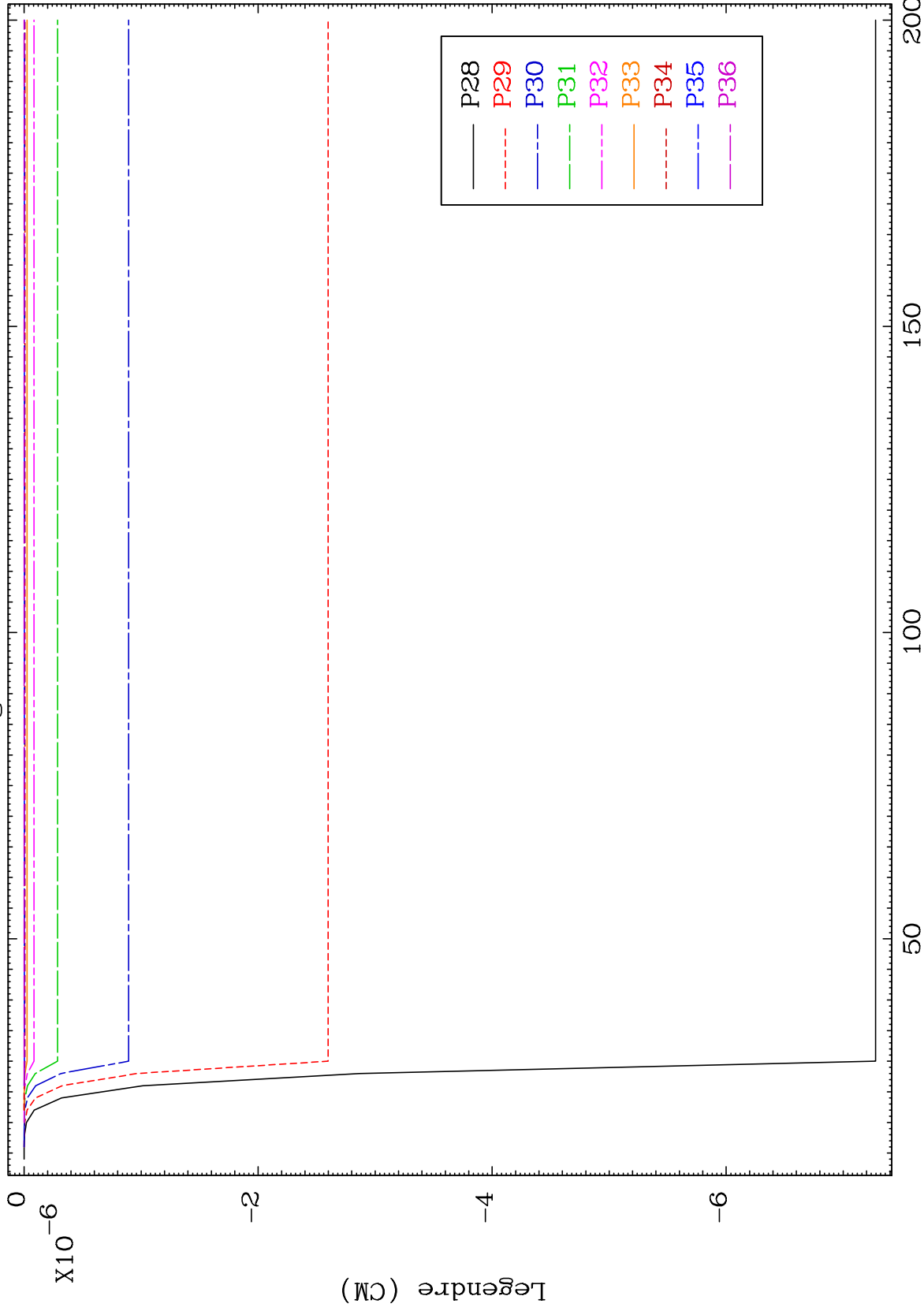
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

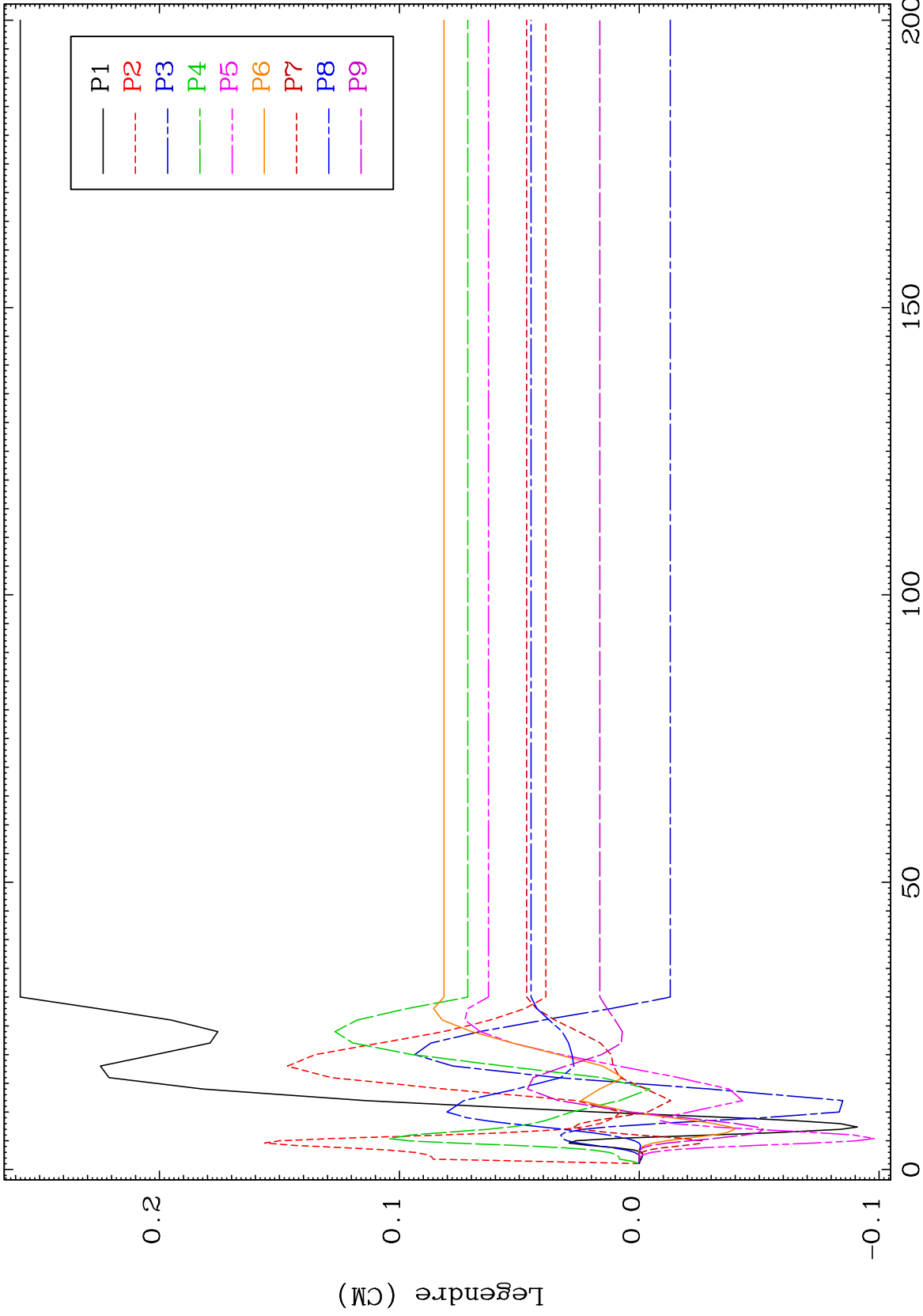
Incident Energy (MeV)

33

MAT 6043

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

60-Nd-148



34

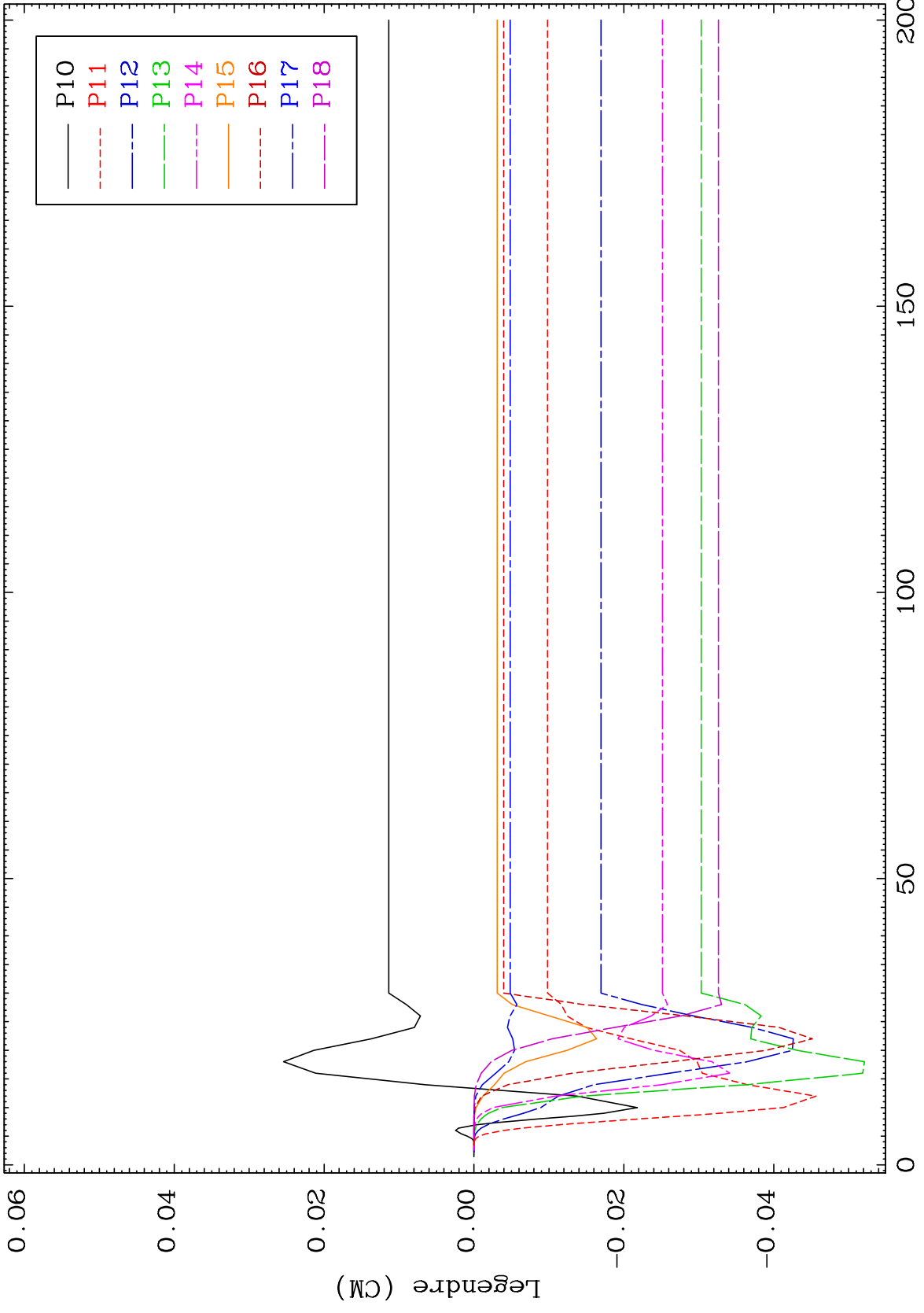
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



35

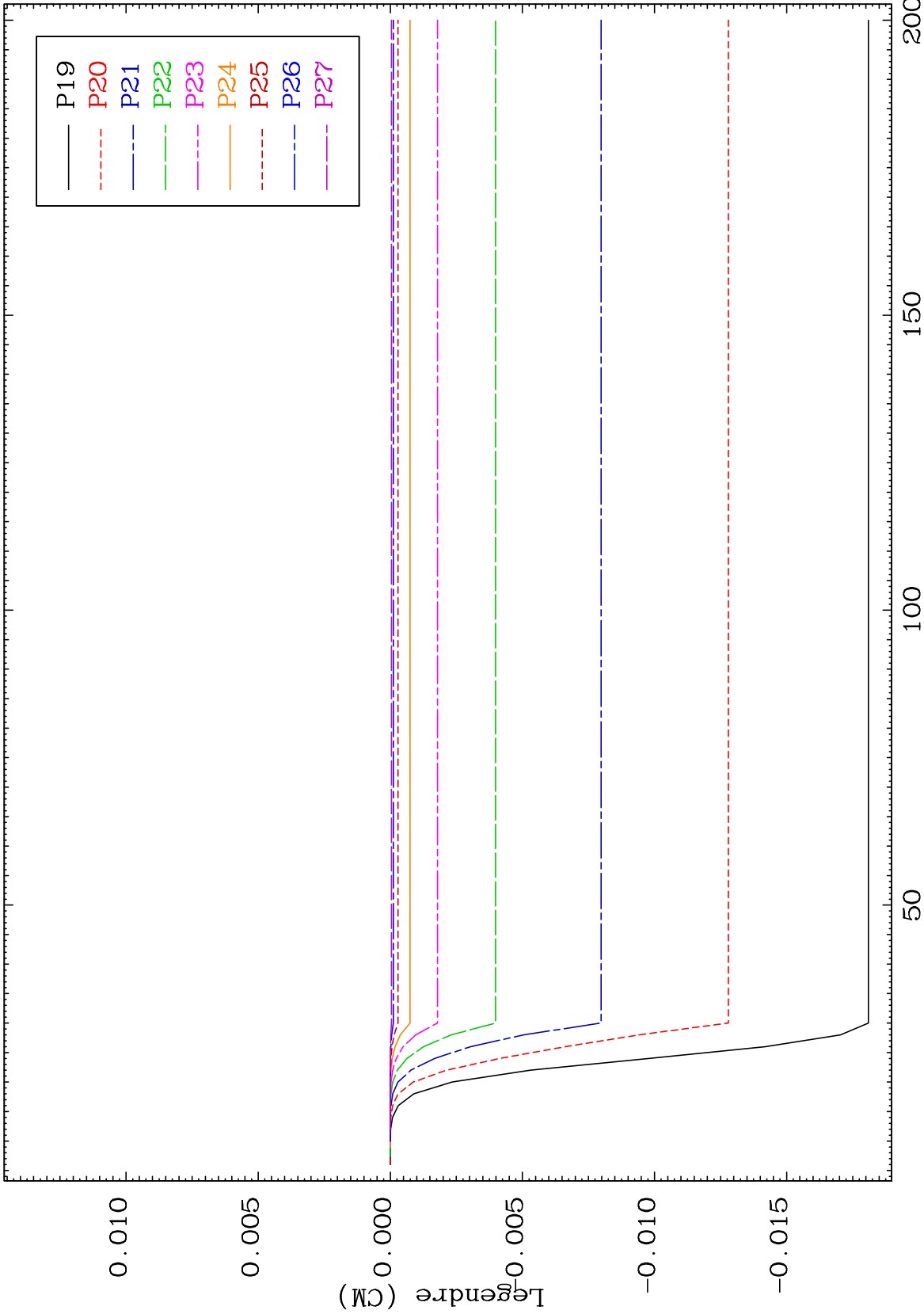
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



36

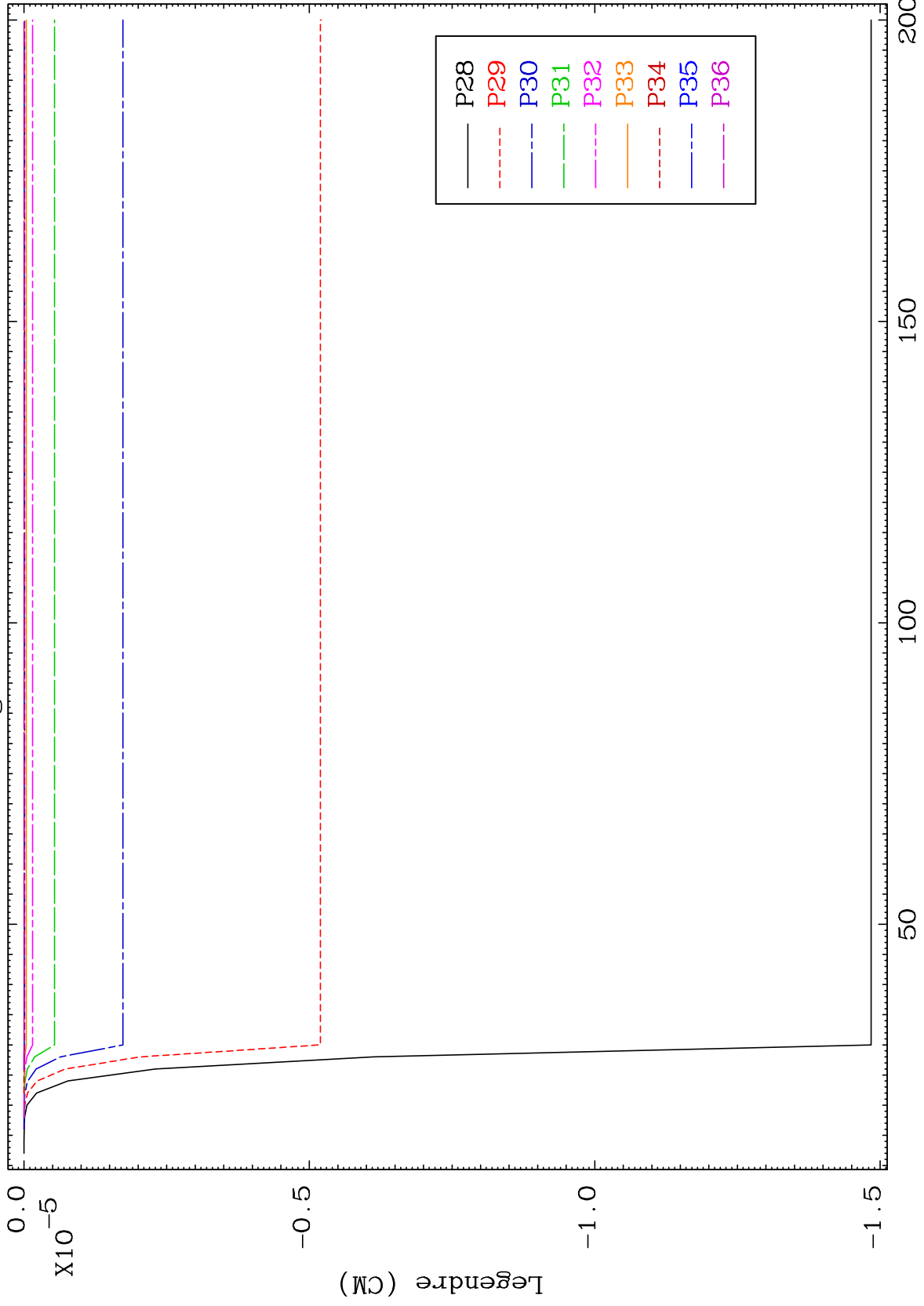
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



37

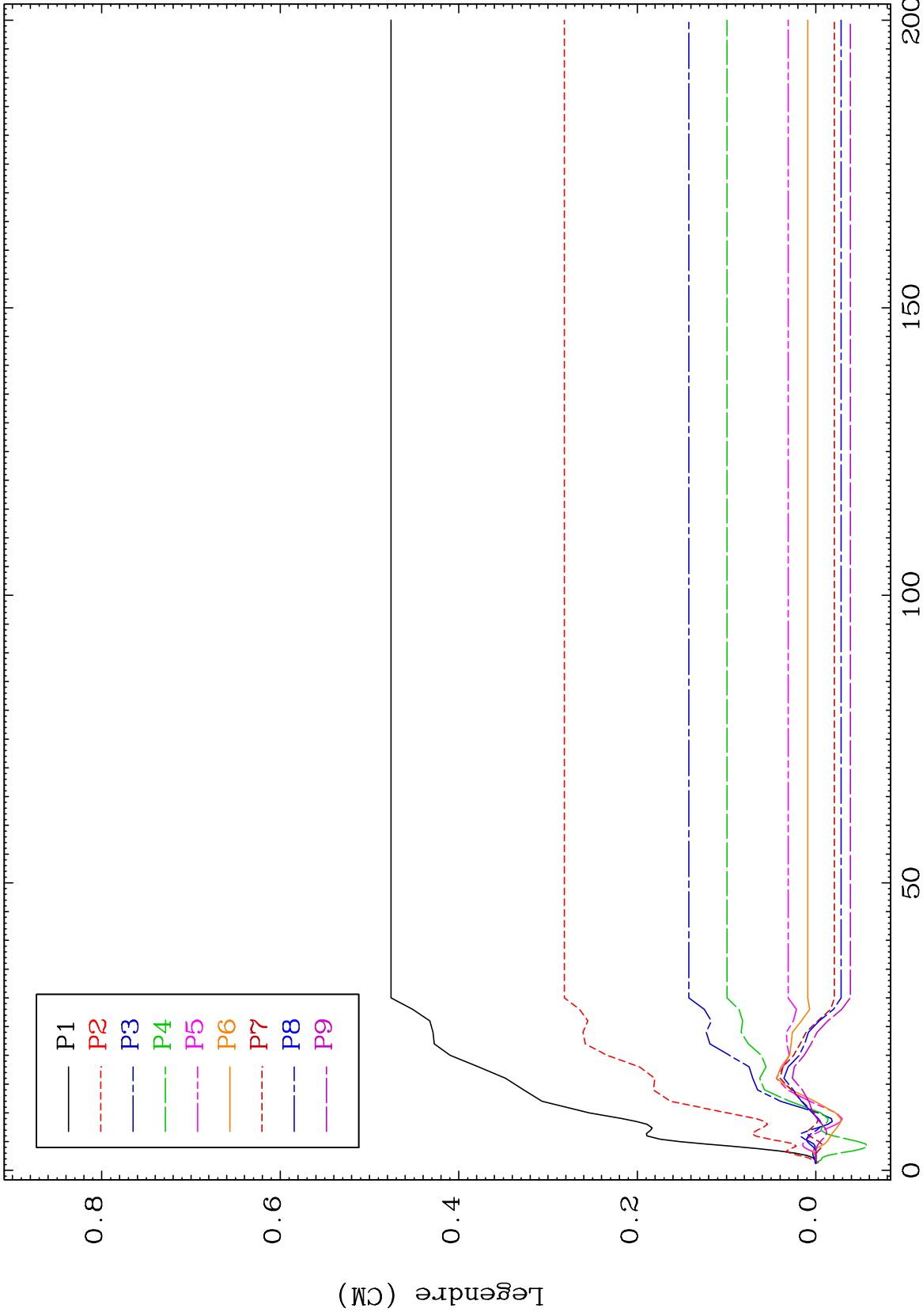
60-Nd-148

200

MAT 6043

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

60-Nd-148



38

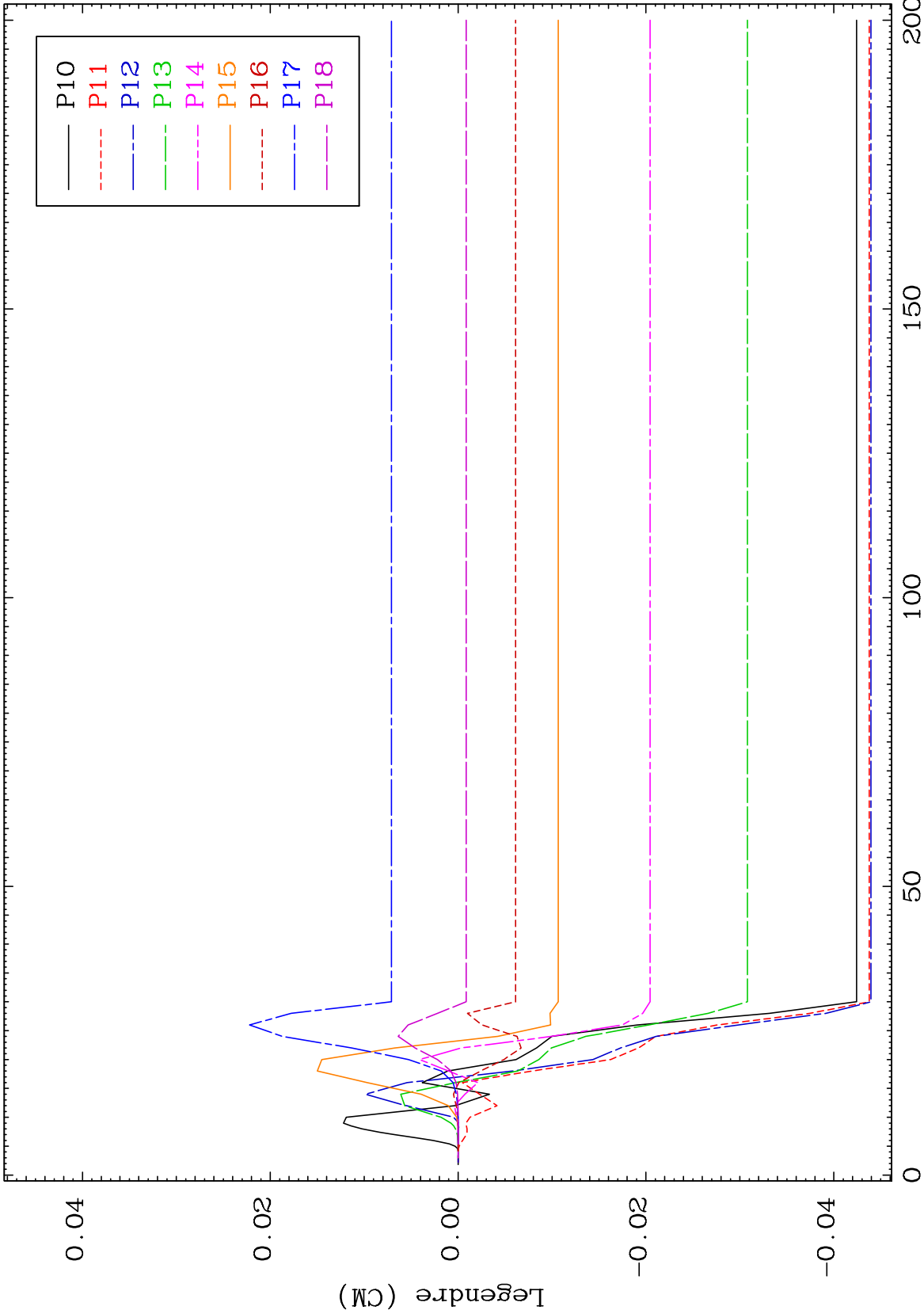
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



39

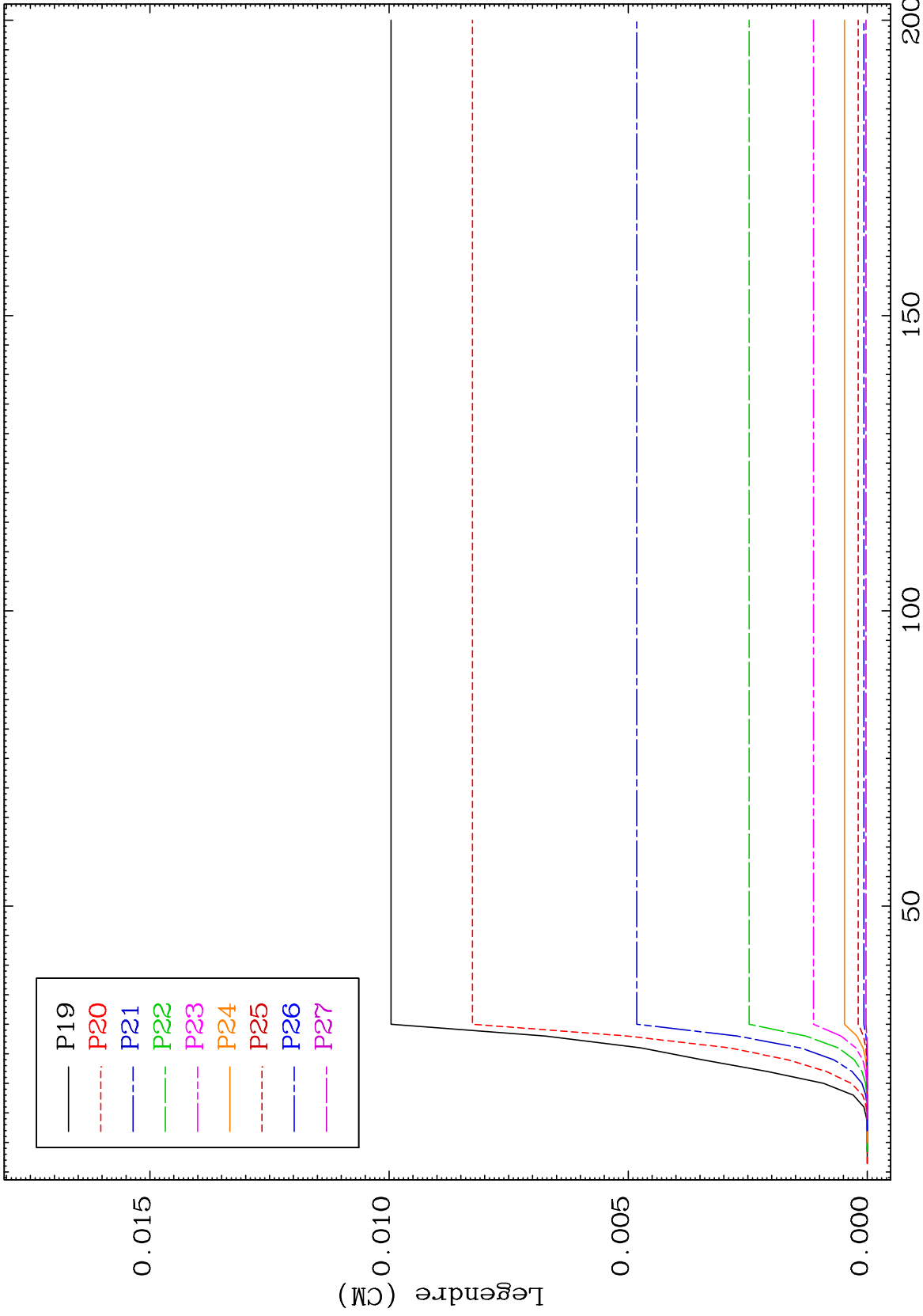
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



40

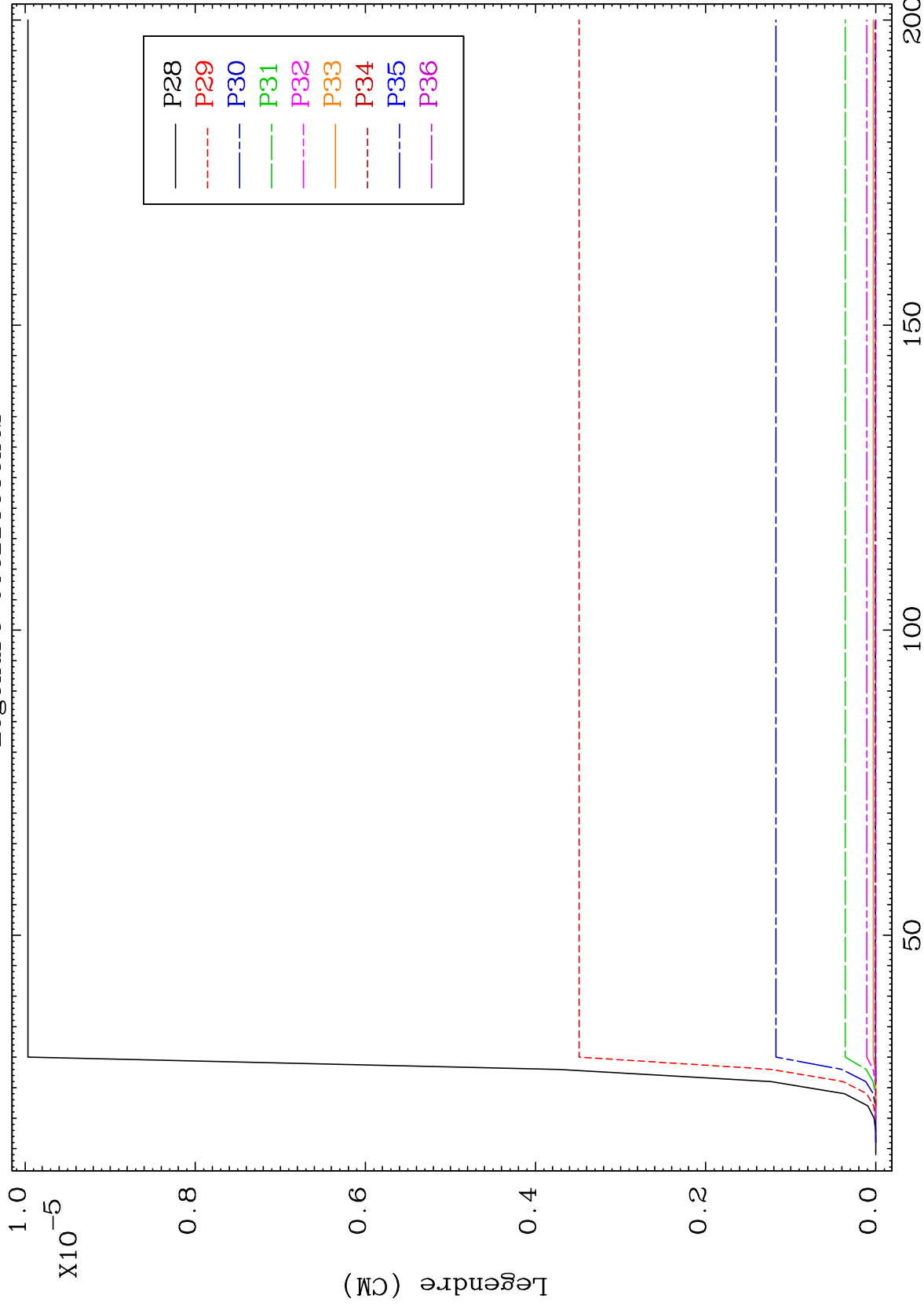
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



41

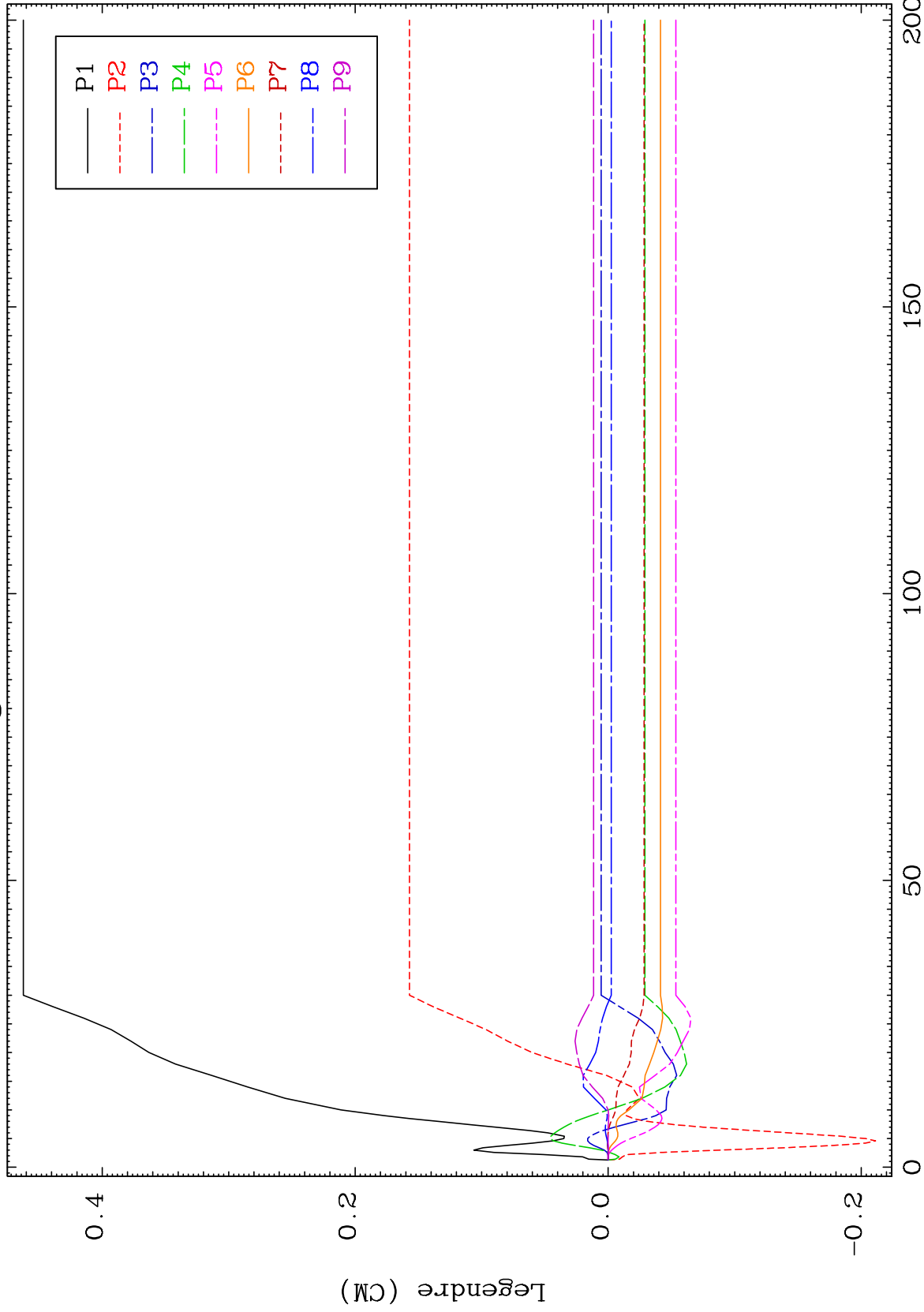
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



42

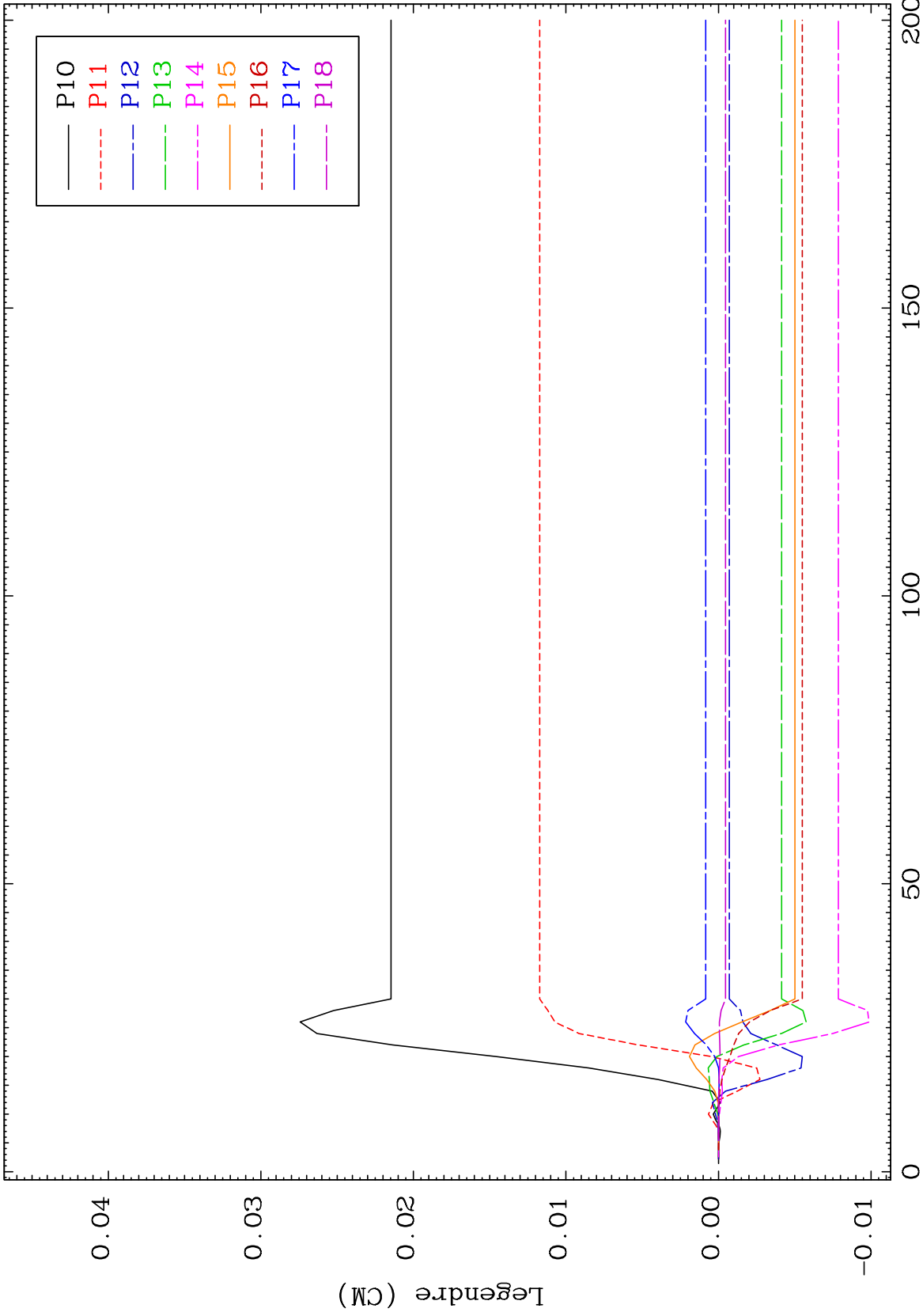
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



43

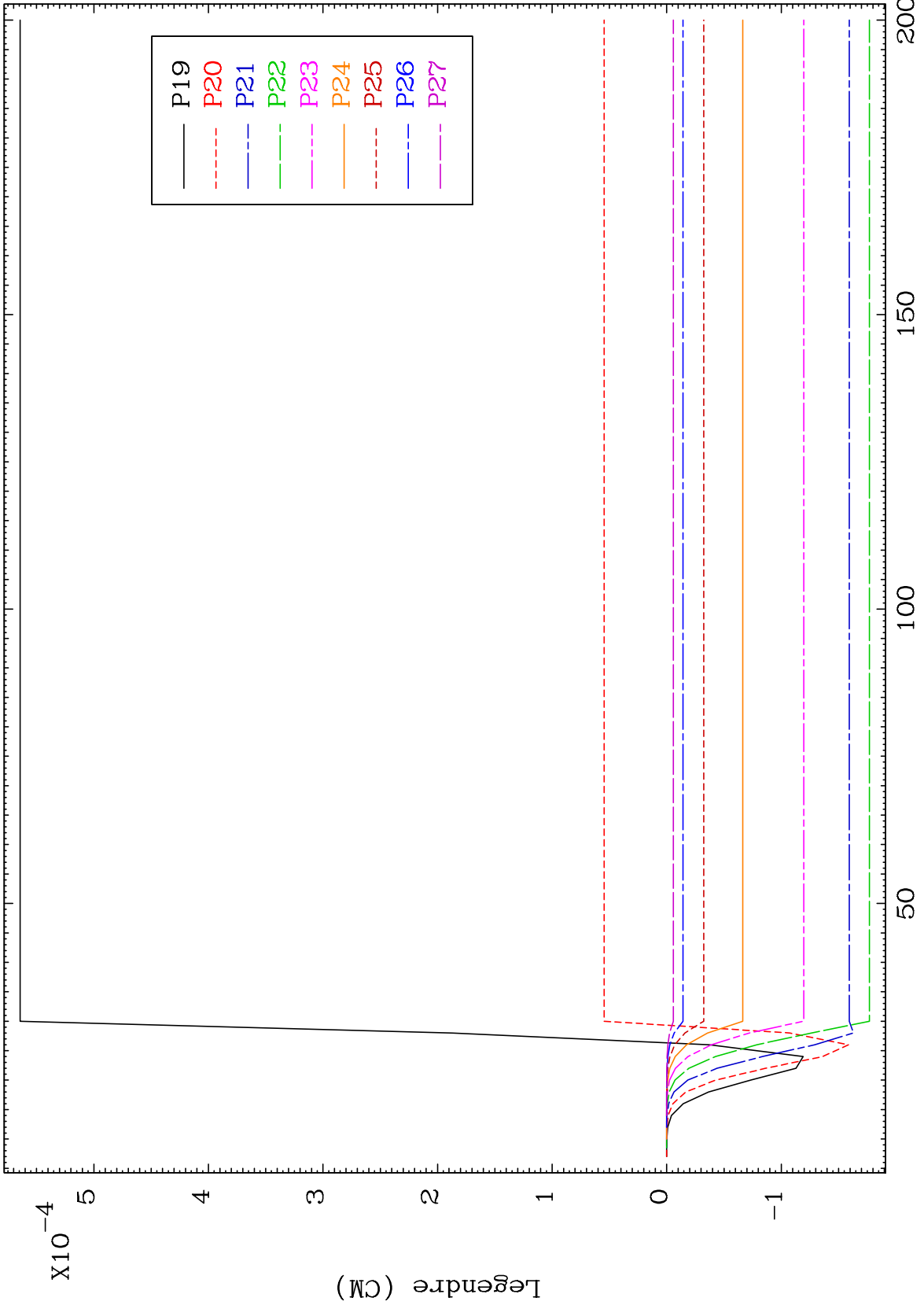
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



44

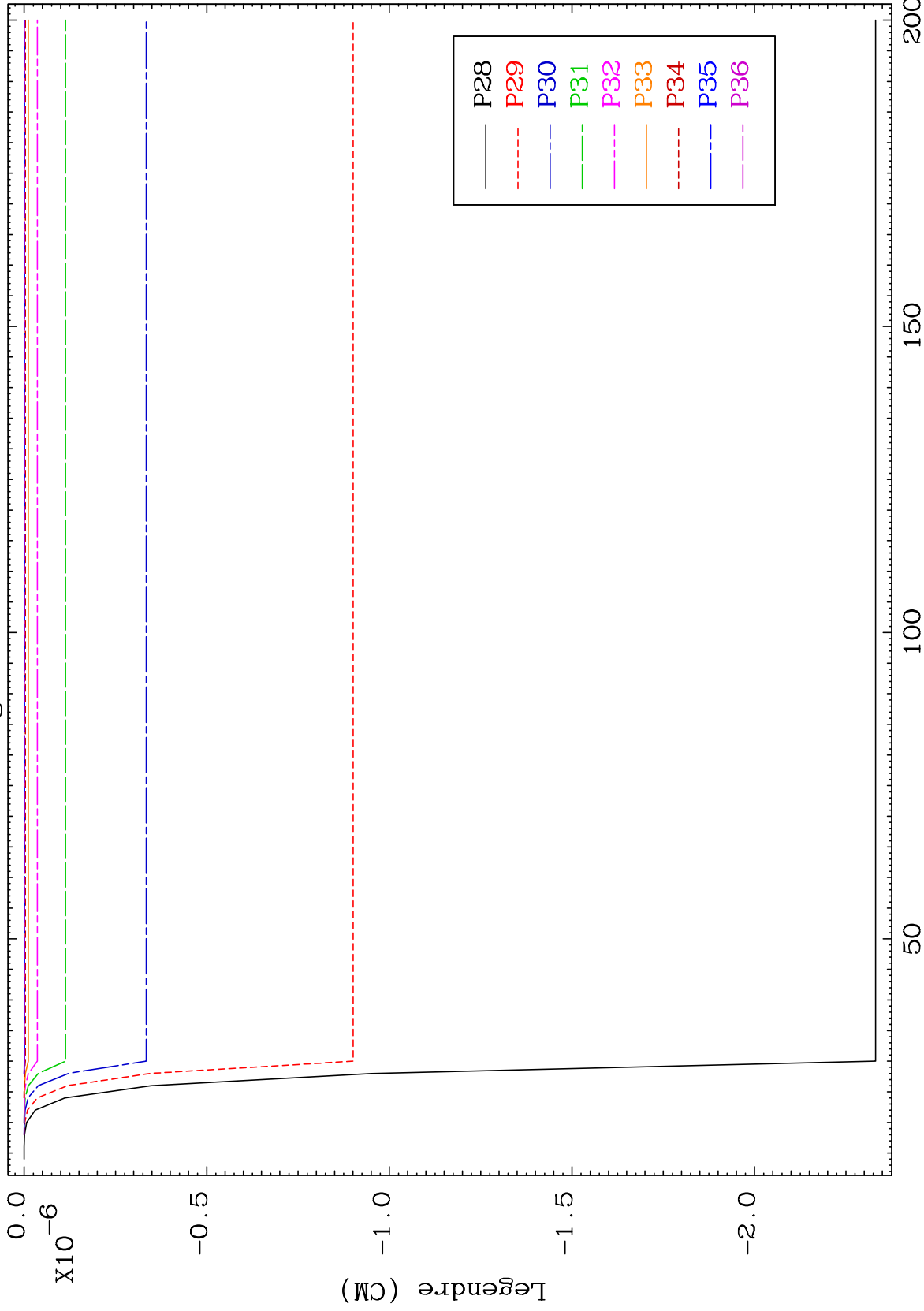
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

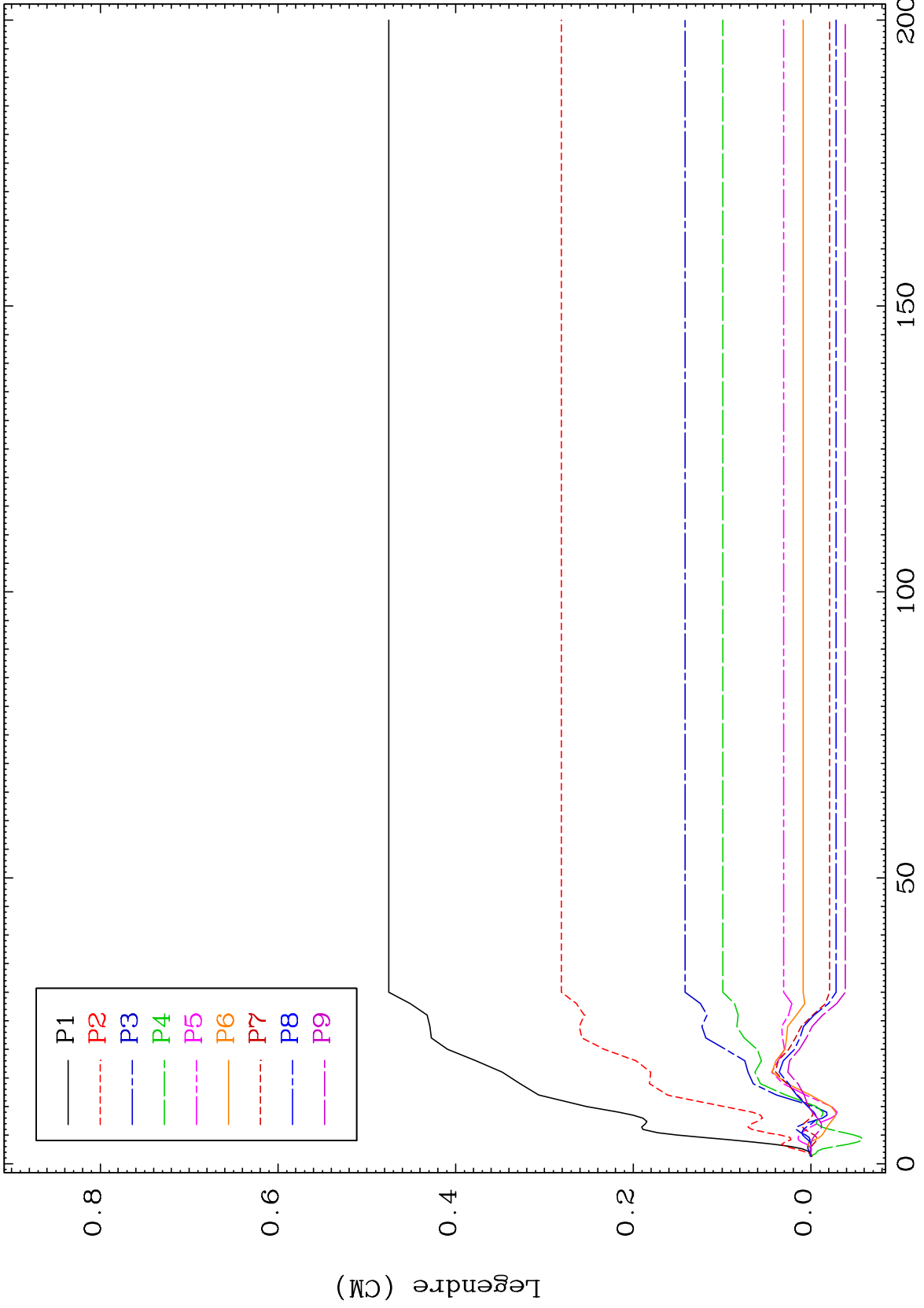
Incident Energy (MeV)

45

MAT 6043

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

60-Nd-148



46

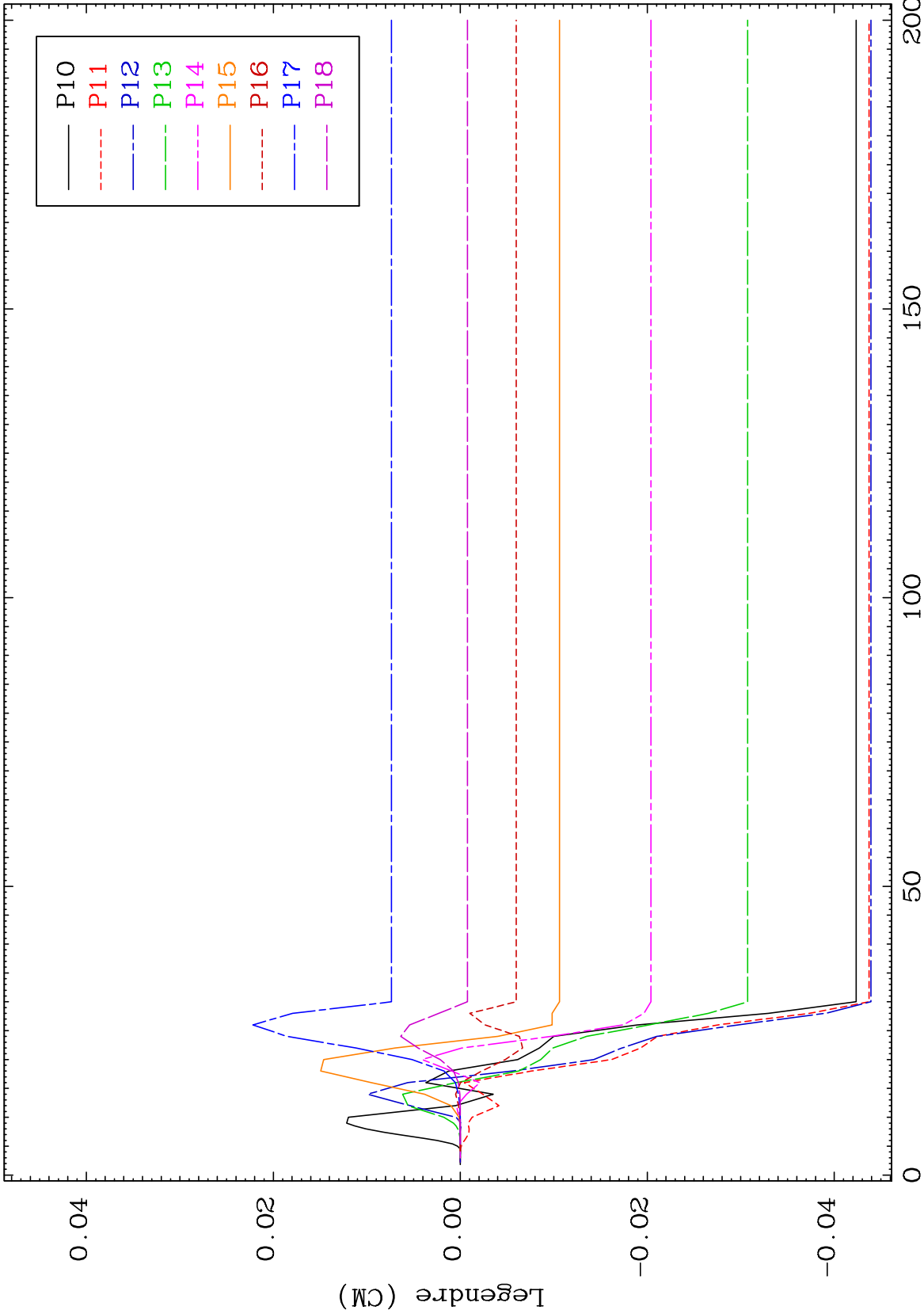
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



47

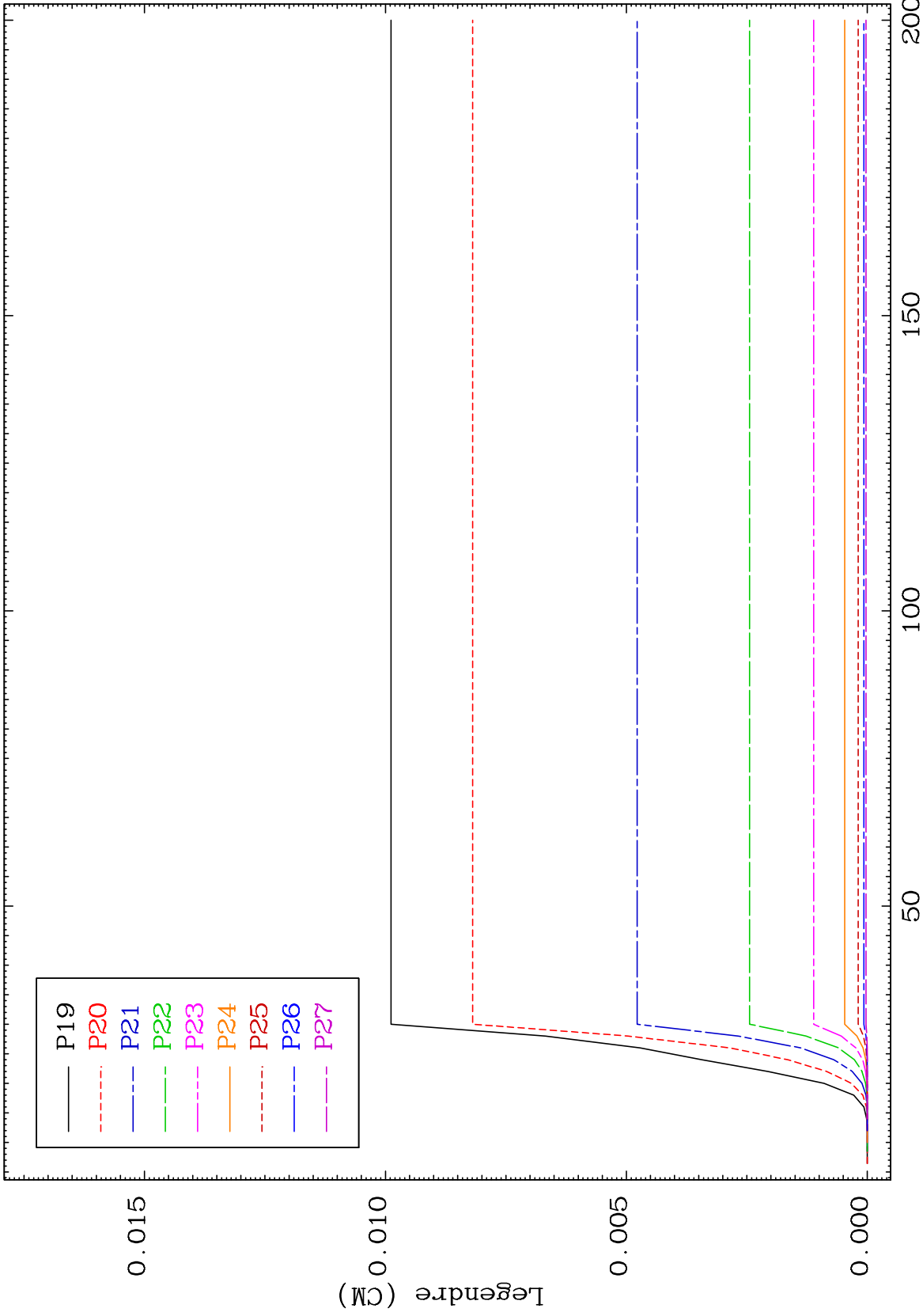
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



48

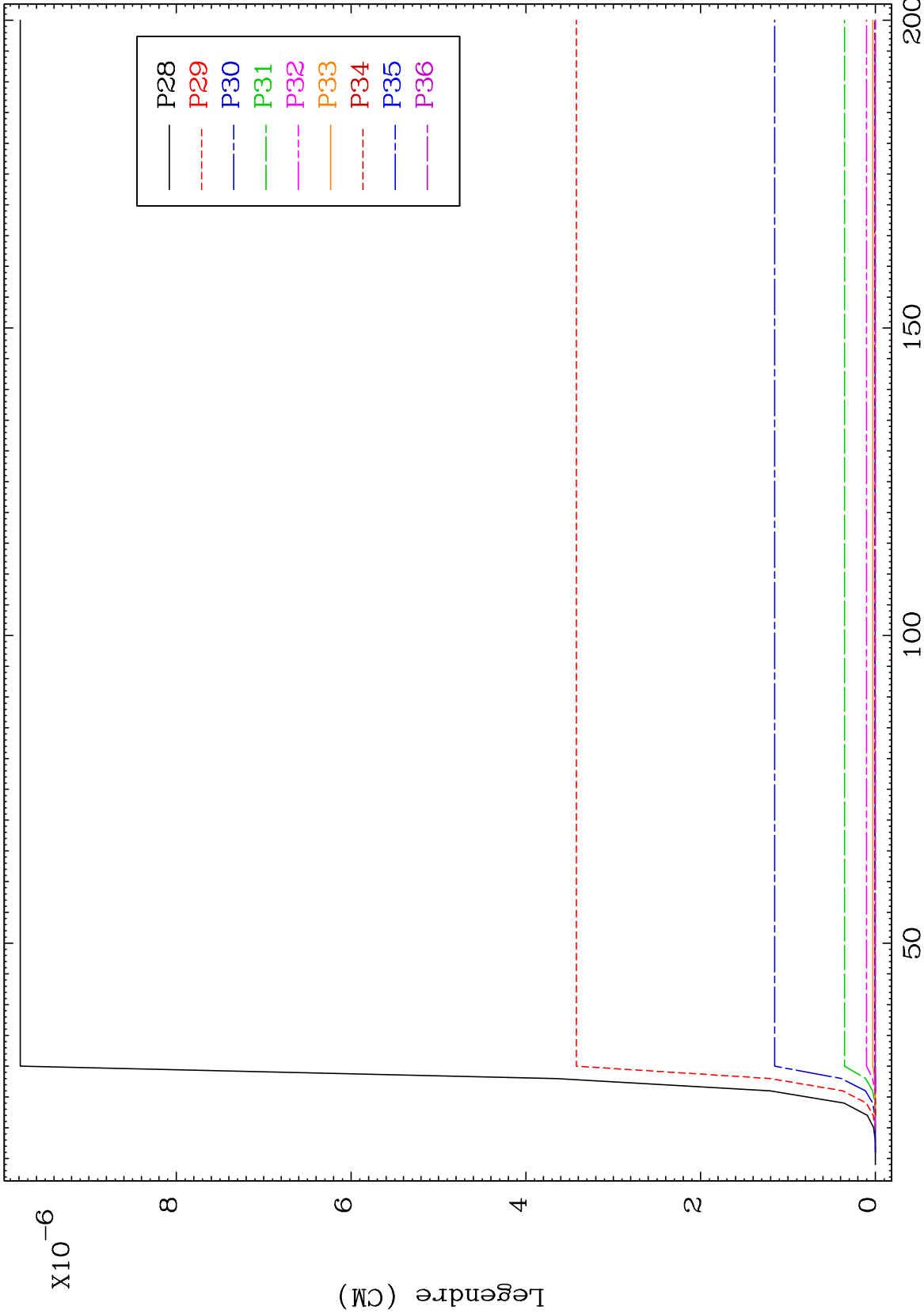
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



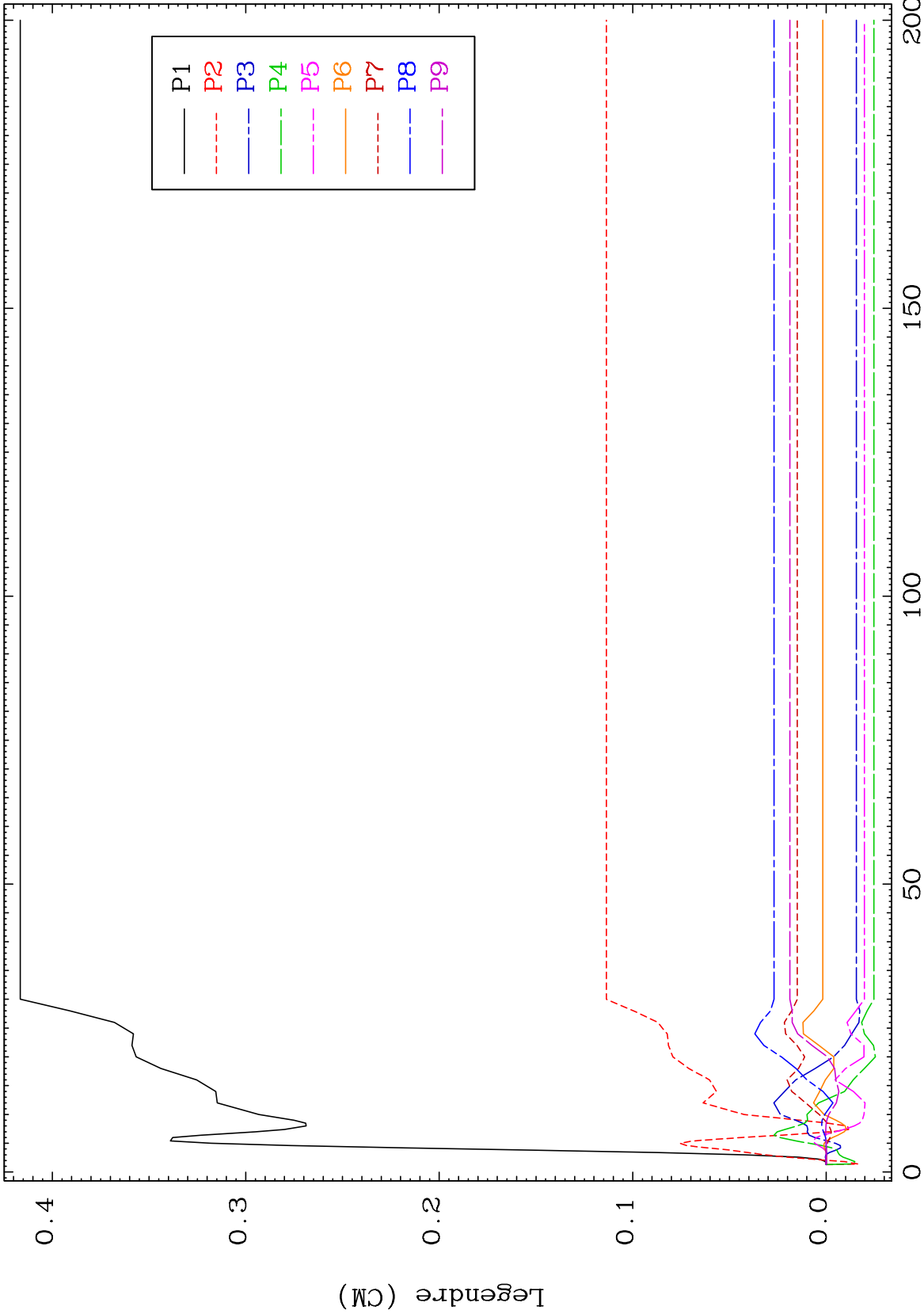
49

60-Nd-148

MAT 6043

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

60-Nd-148



50

50

100

150

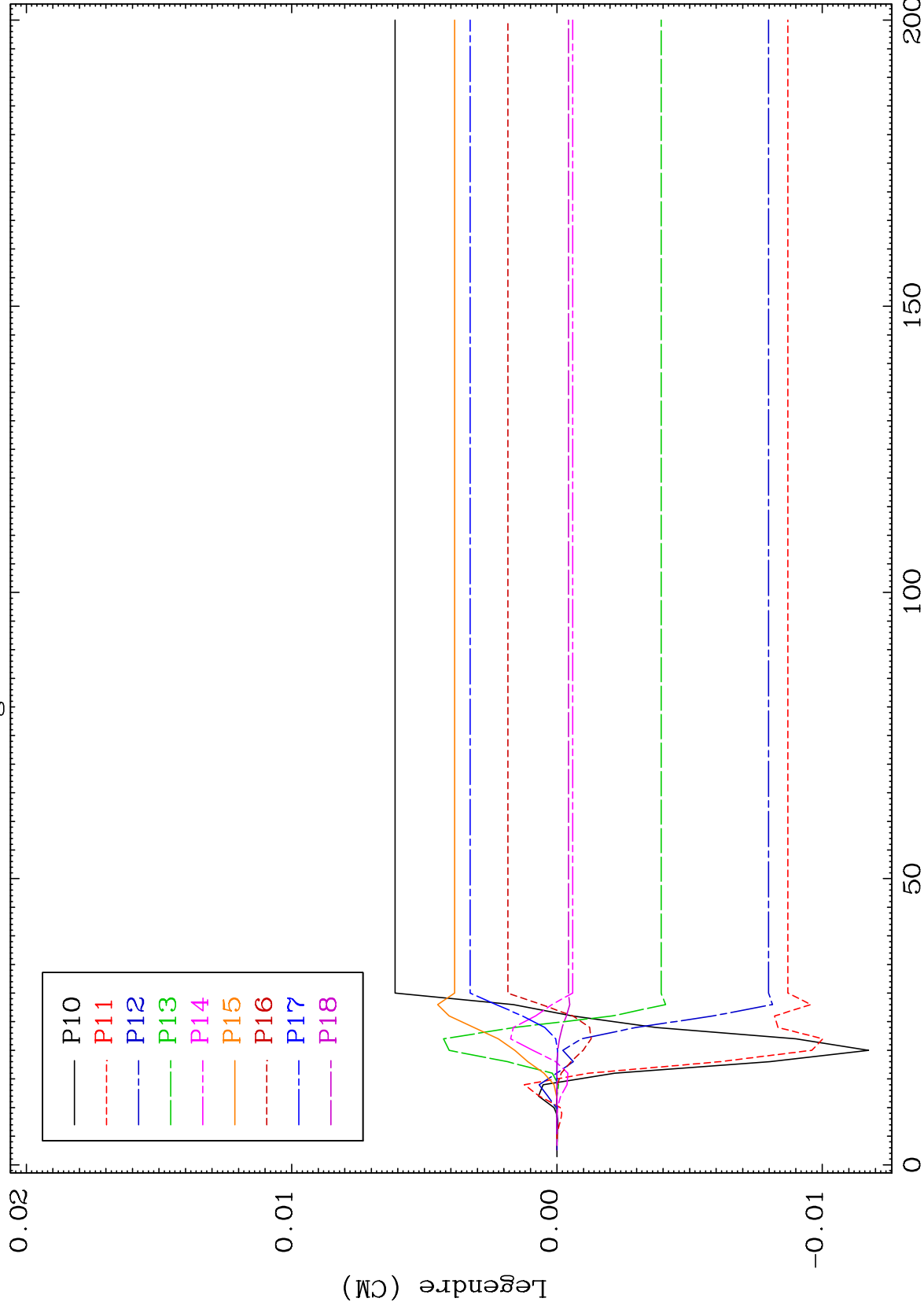
200

60-Nd-148

MAT 6043

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

60-Nd-148



51

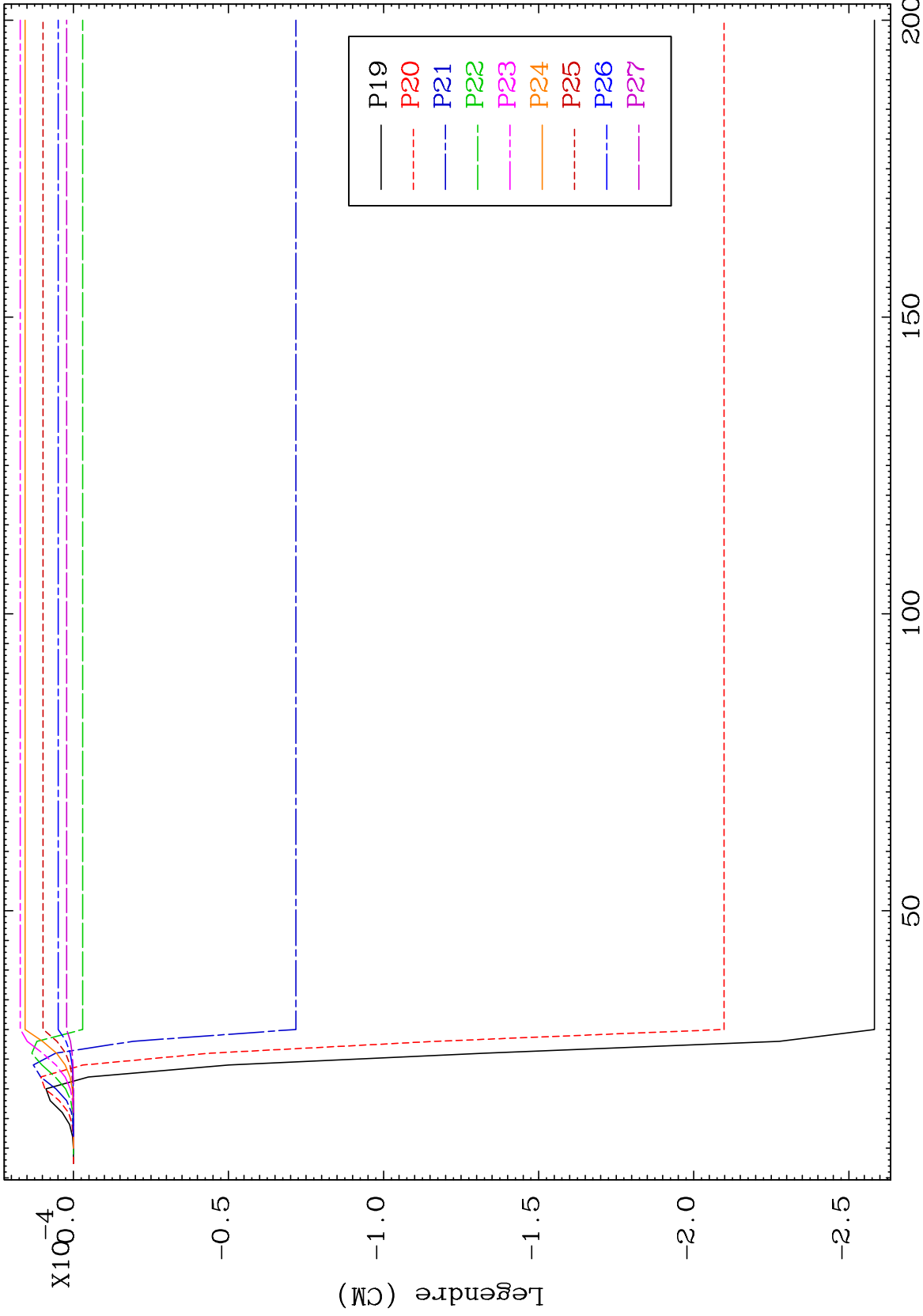
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



52

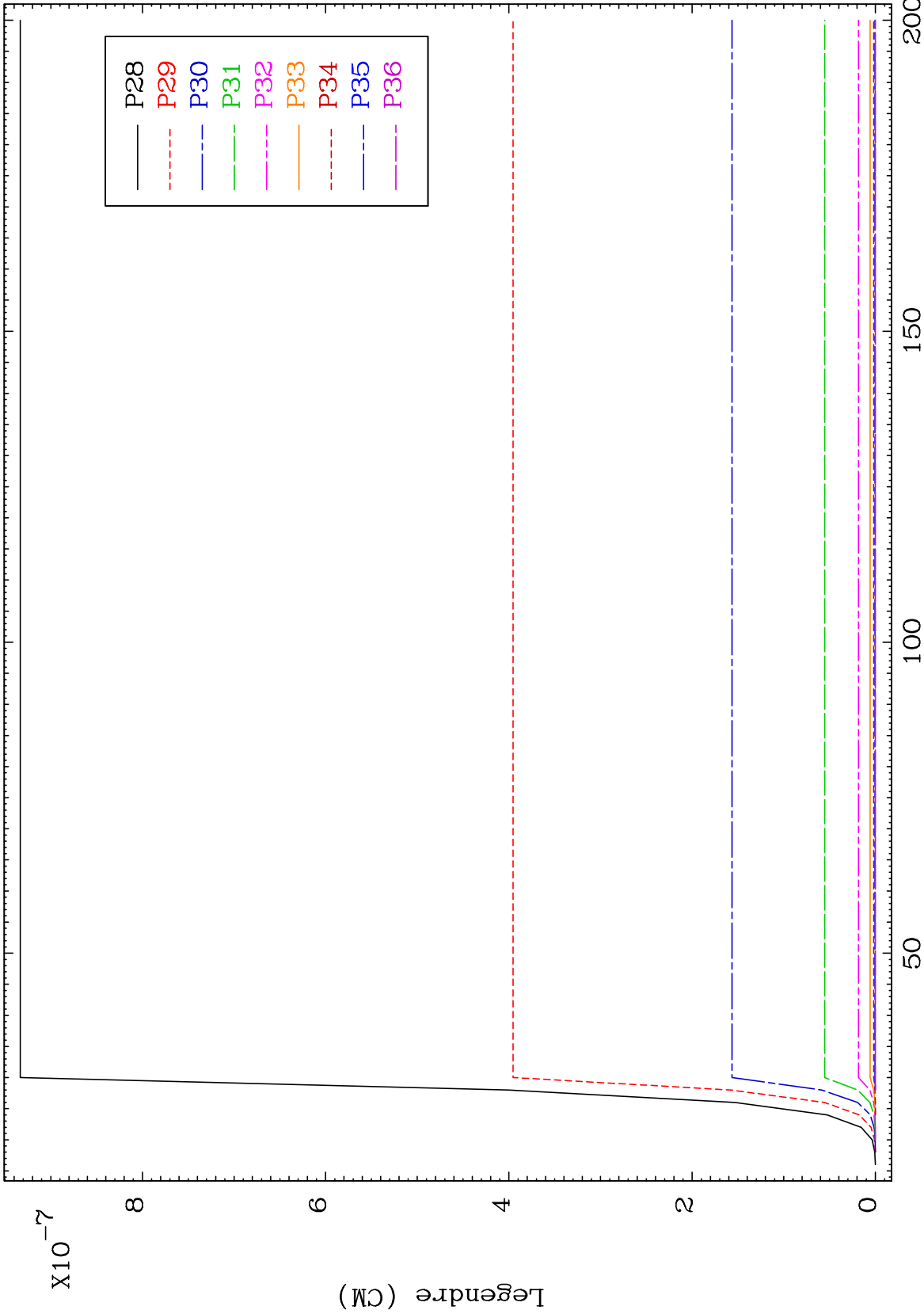
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



53

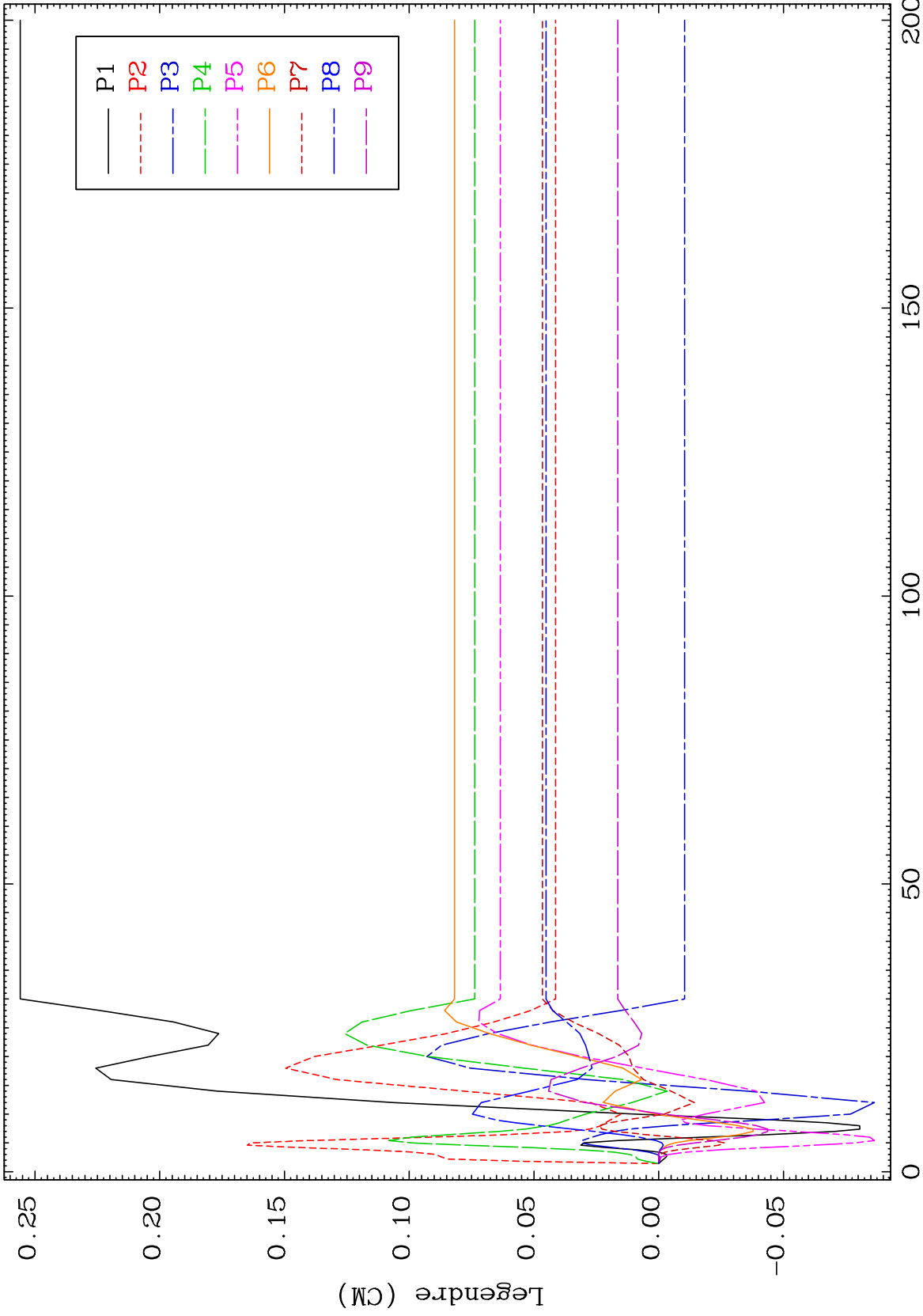
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



54

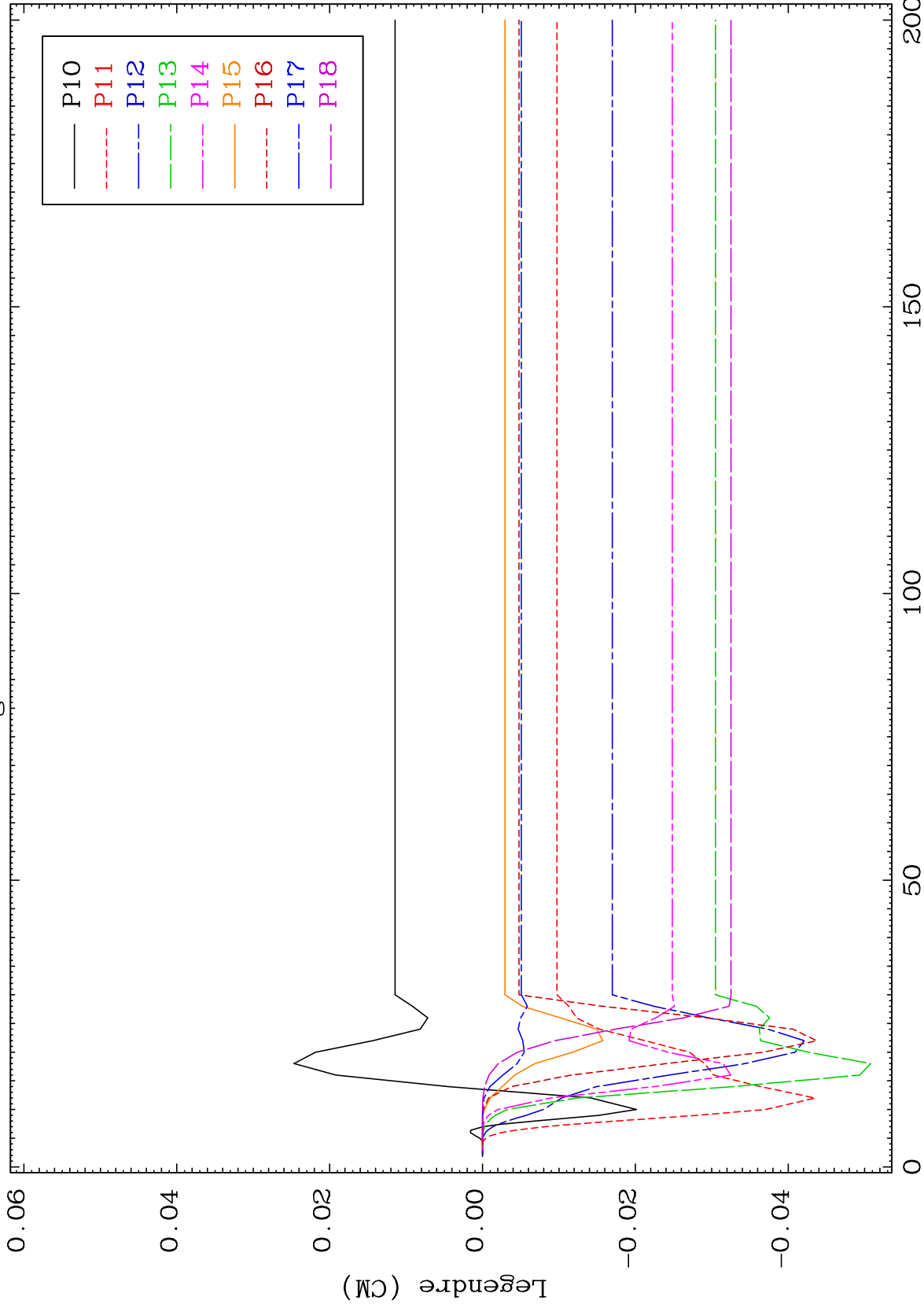
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



55

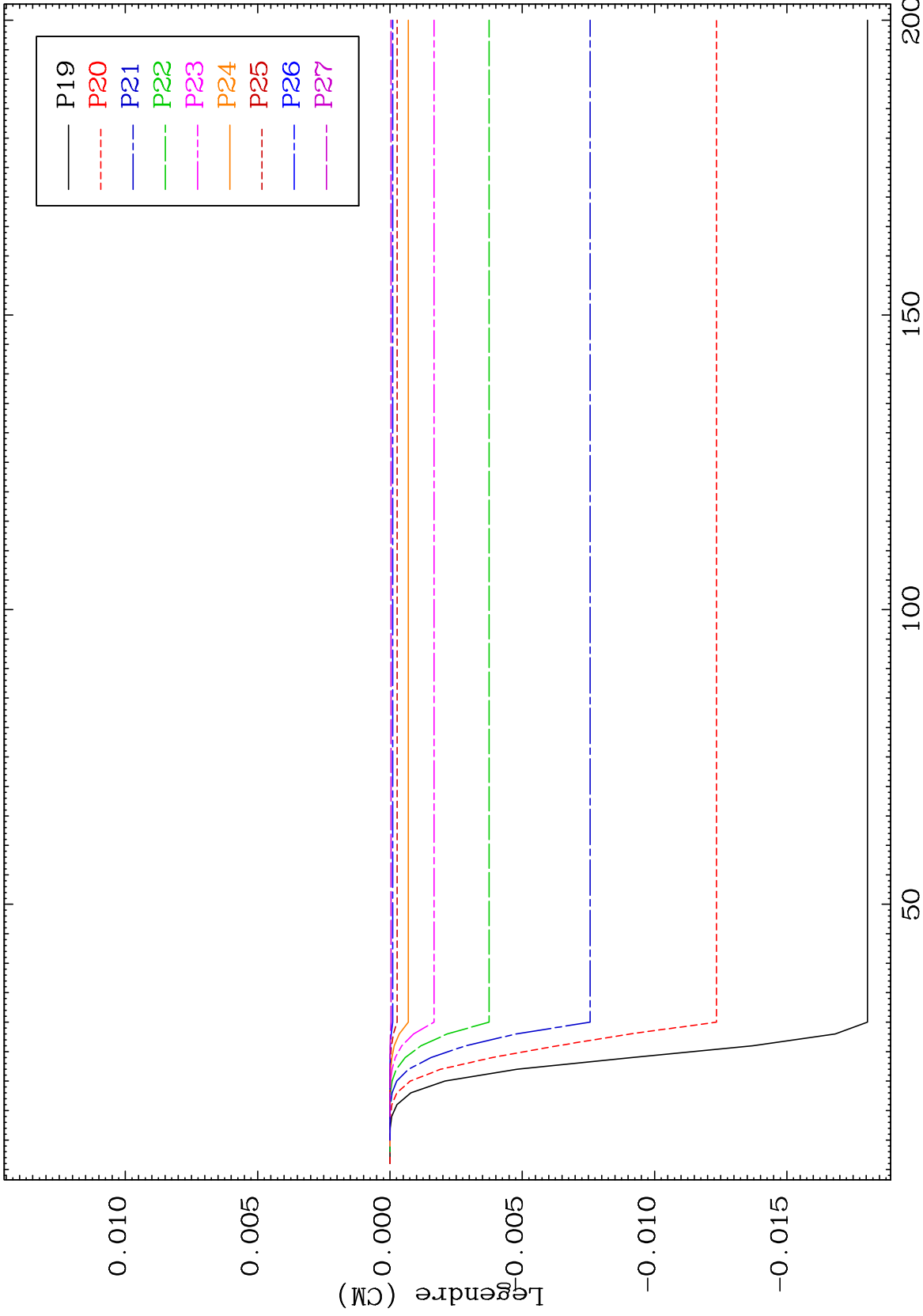
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



56

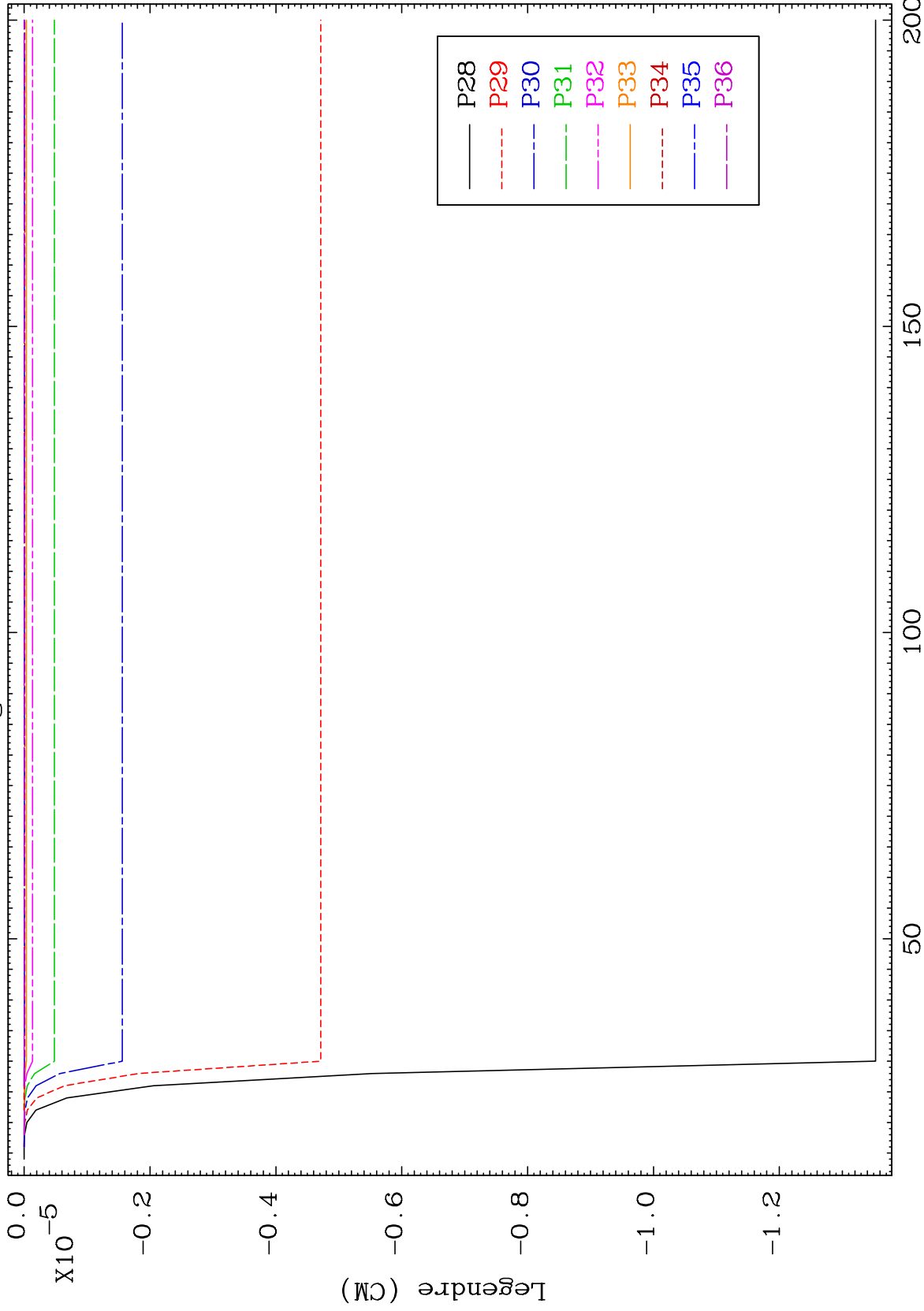
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



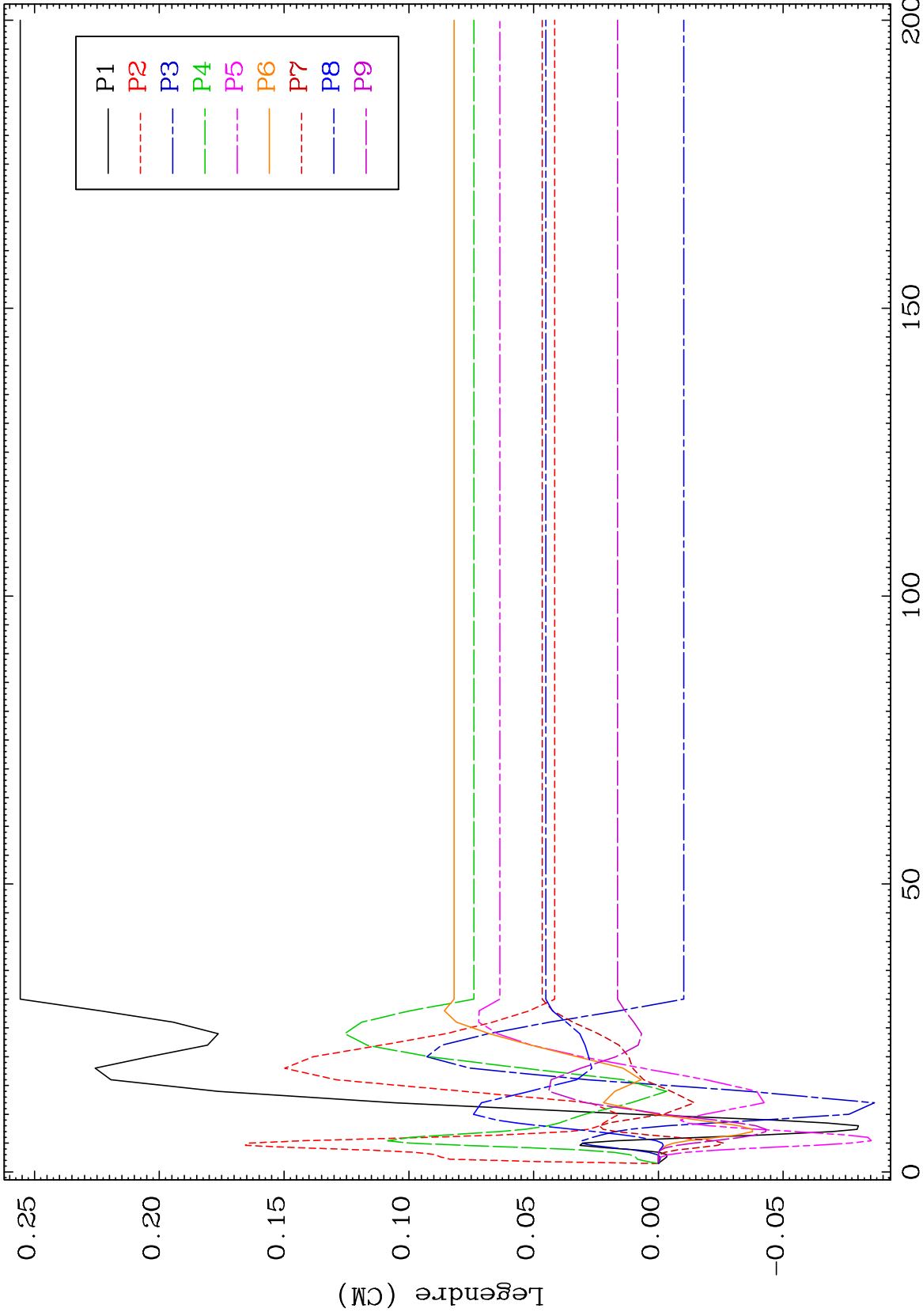
57

60-Nd-148

MAT 6043

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

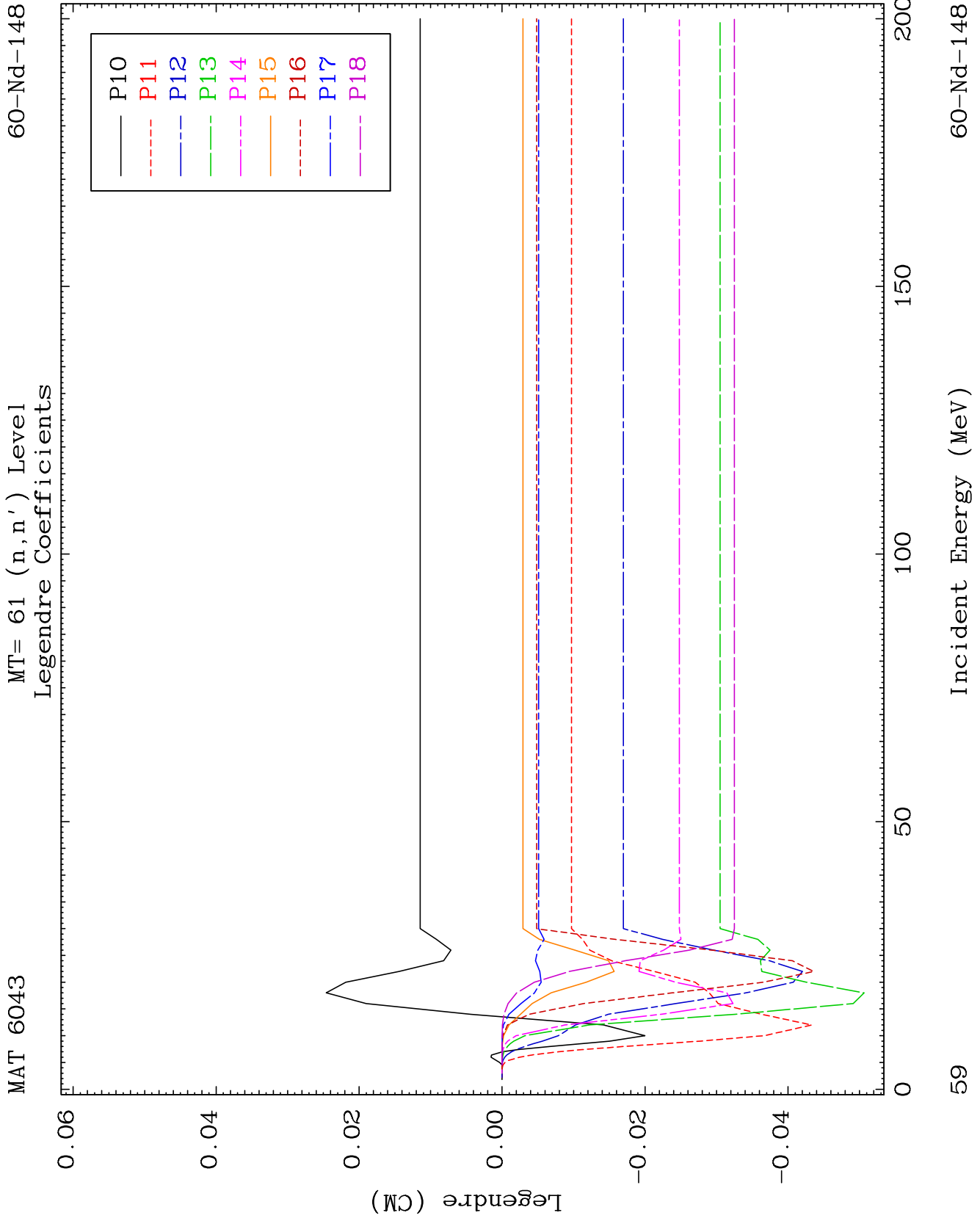
60-Nd-148



58

Incident Energy (MeV)

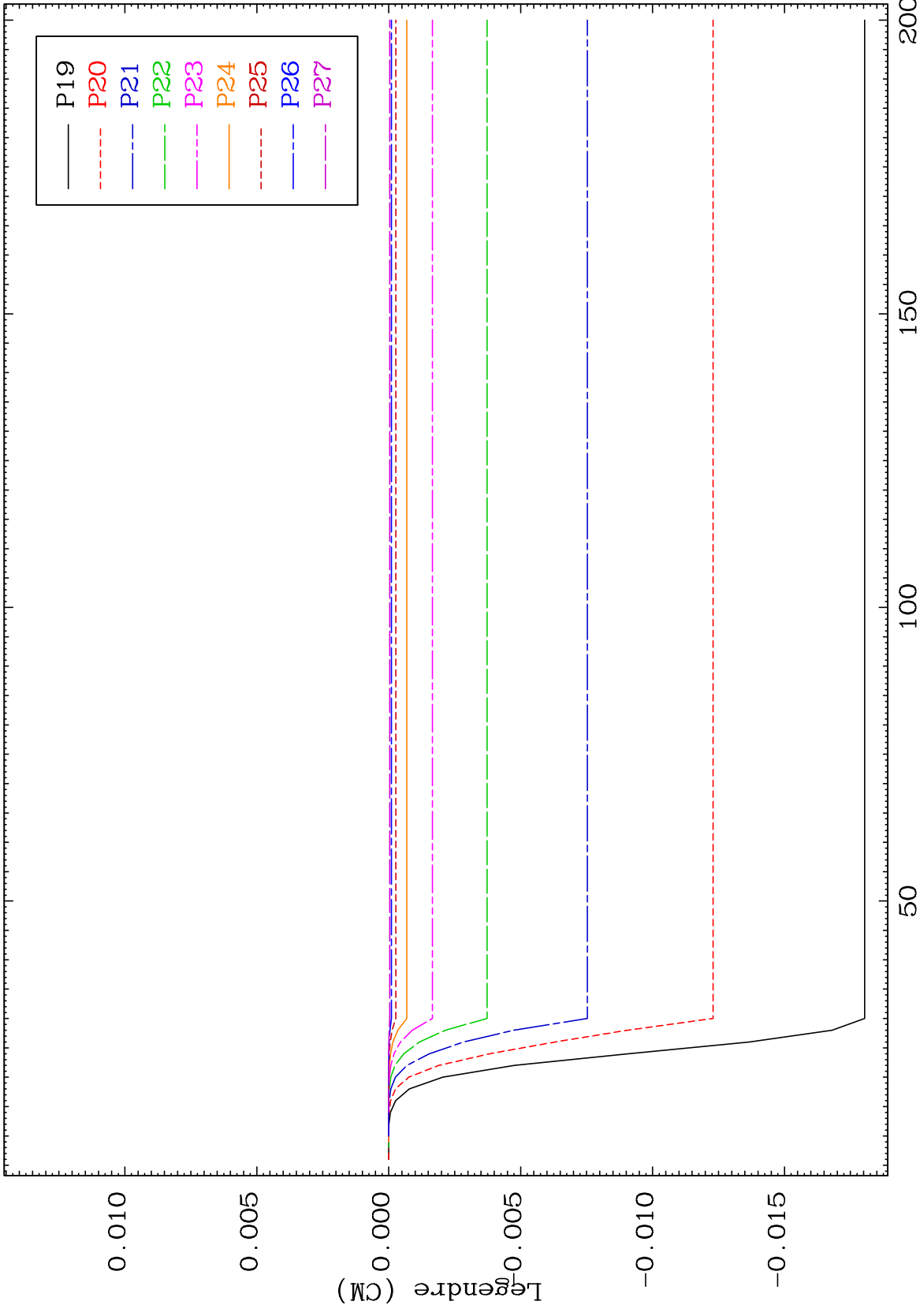
60-Nd-148



MAT 6043

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

60-Nd-148



60

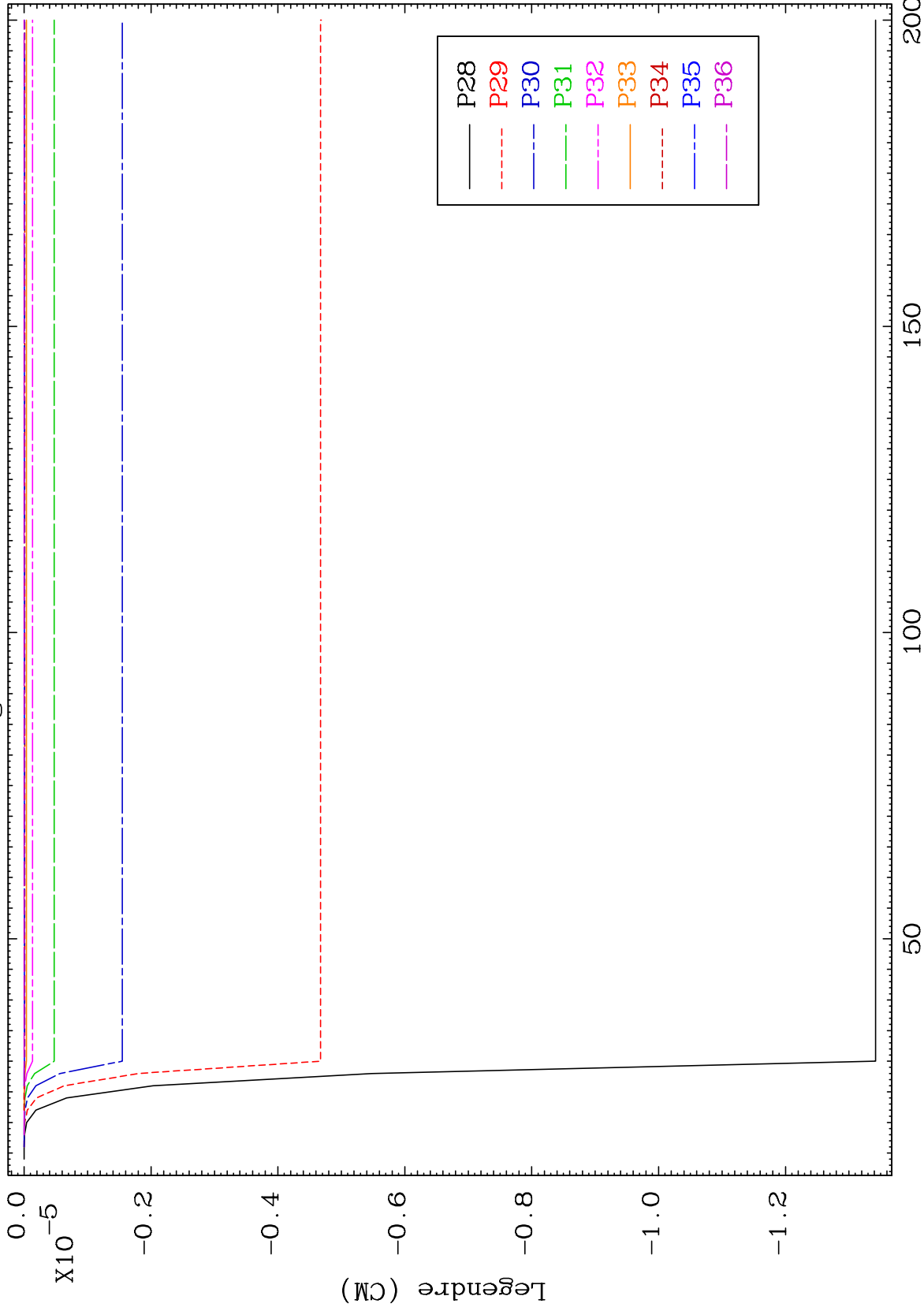
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148

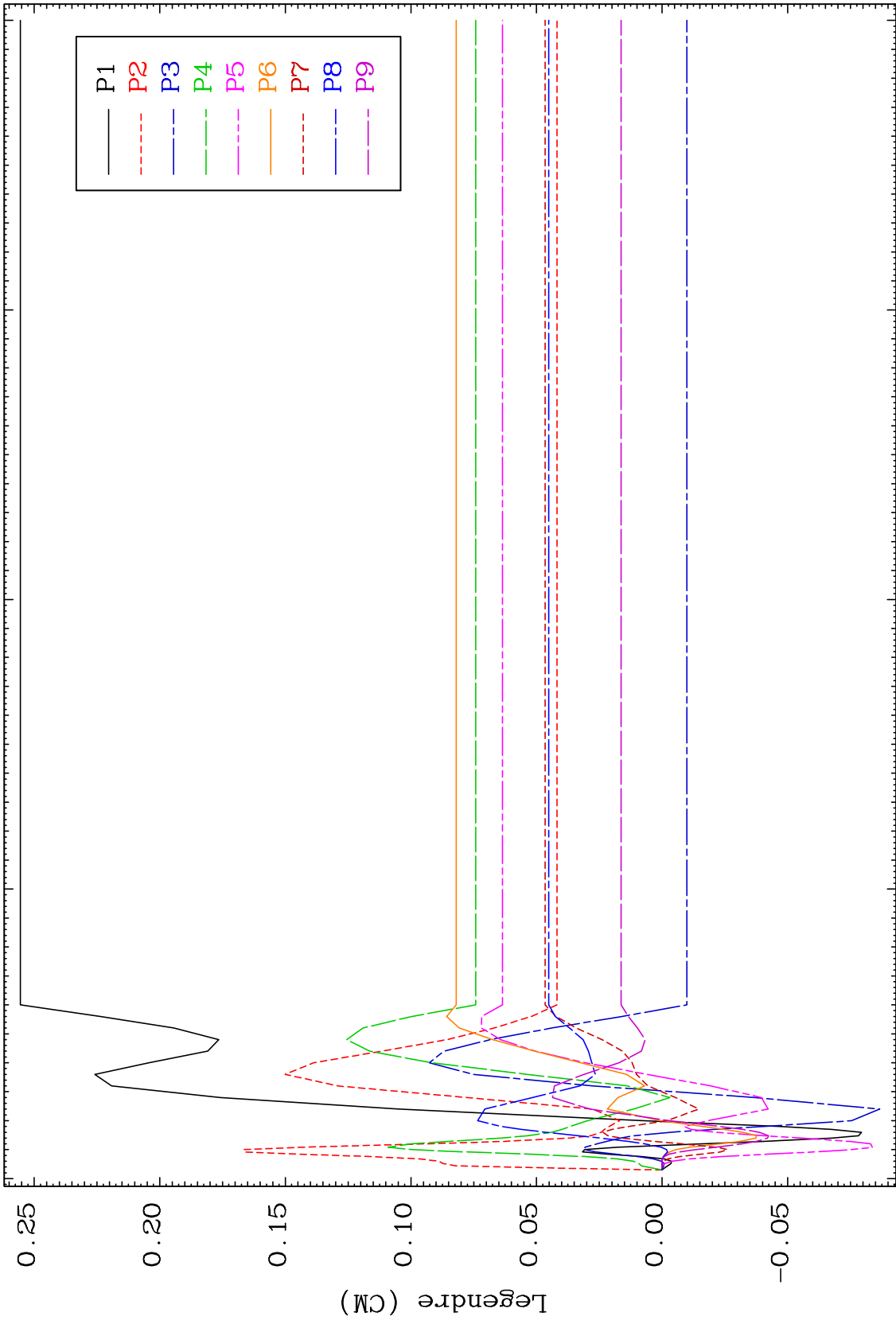


61

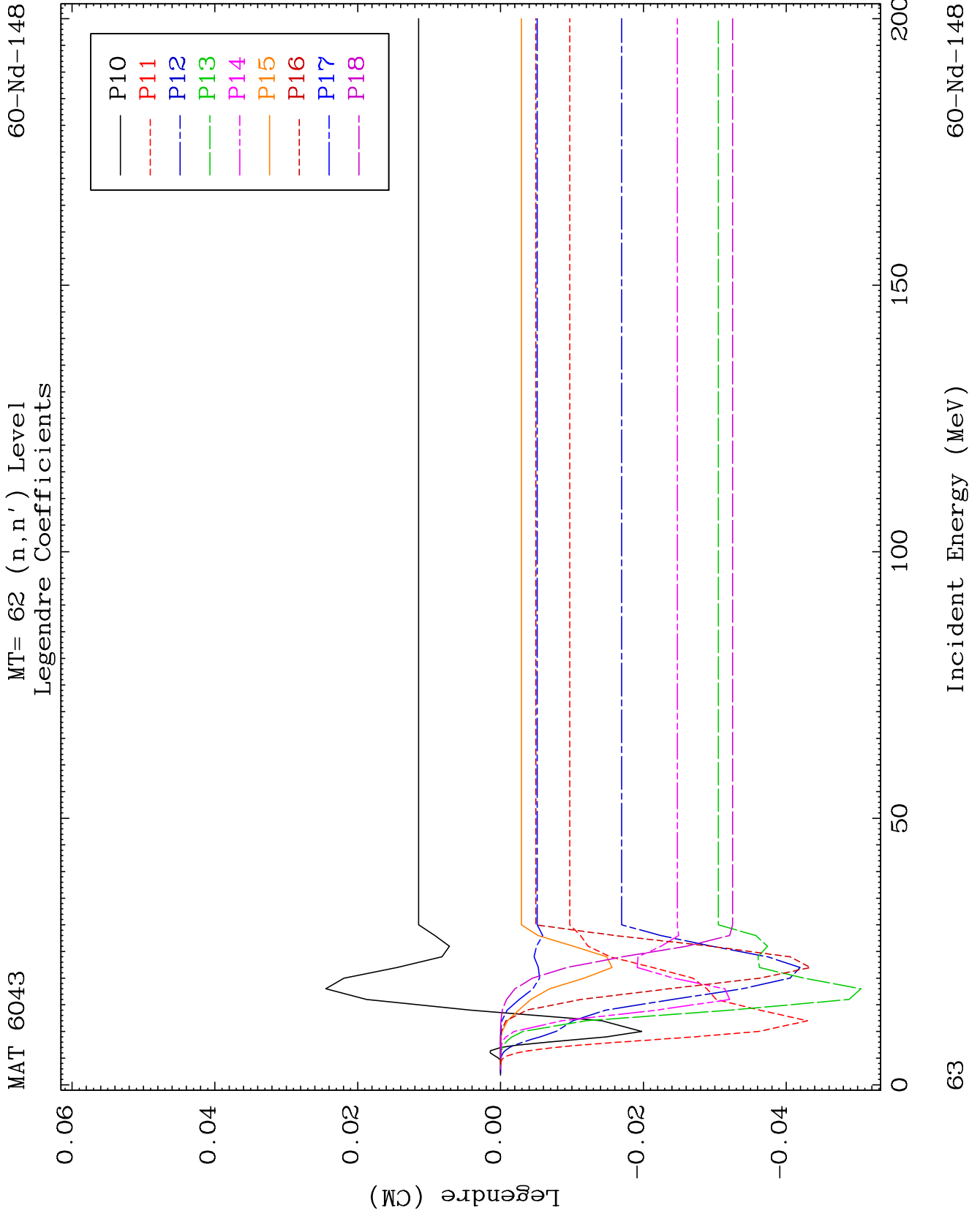
Incident Energy (MeV)

60-Nd-148

MAT 6043 MT= 62 (n,n') Level Legendre Coefficients 60-Nd-148



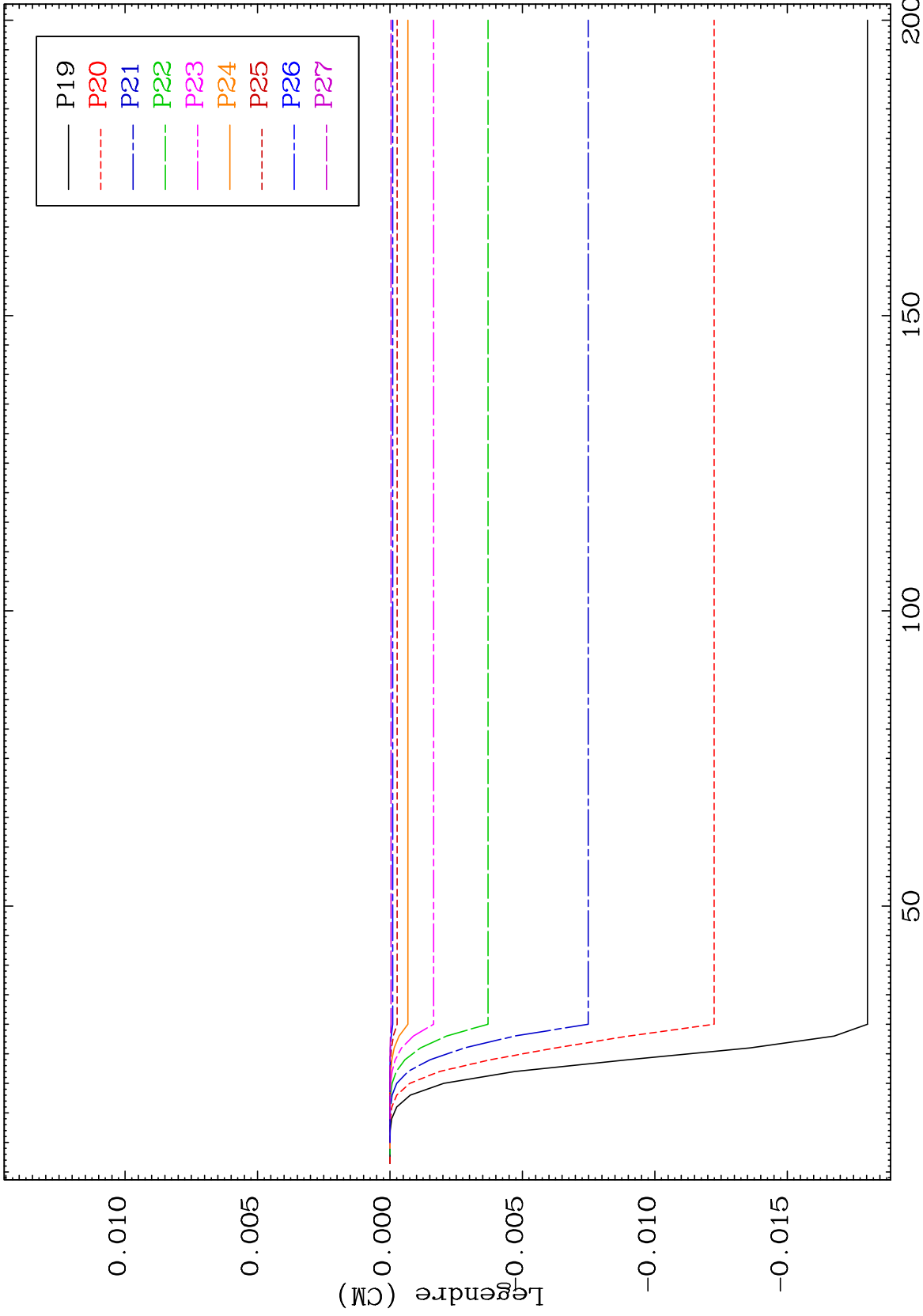
62 60-Nd-148 Incident Energy (MeV)



MAT 6043

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

60-Nd-148



64

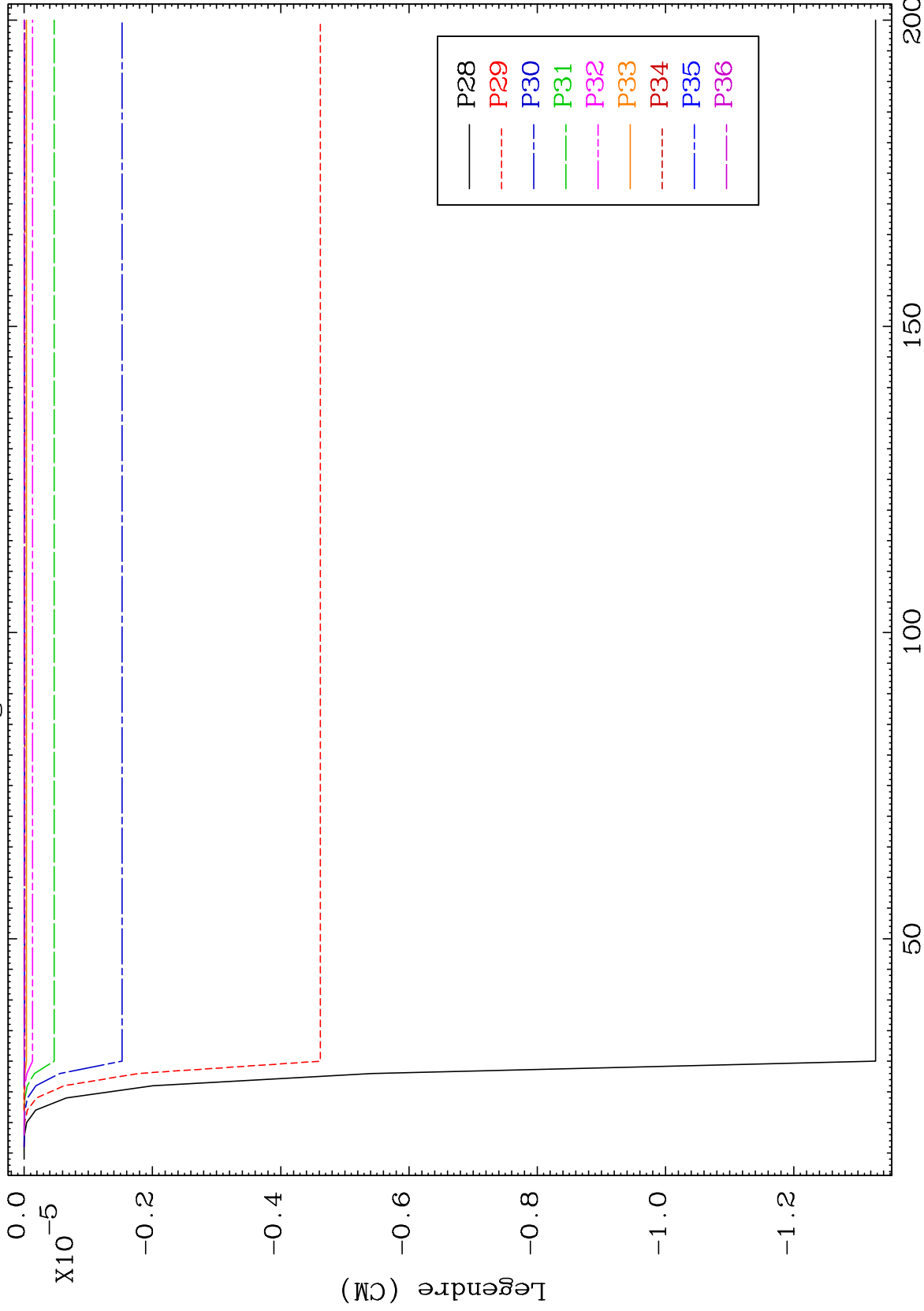
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148

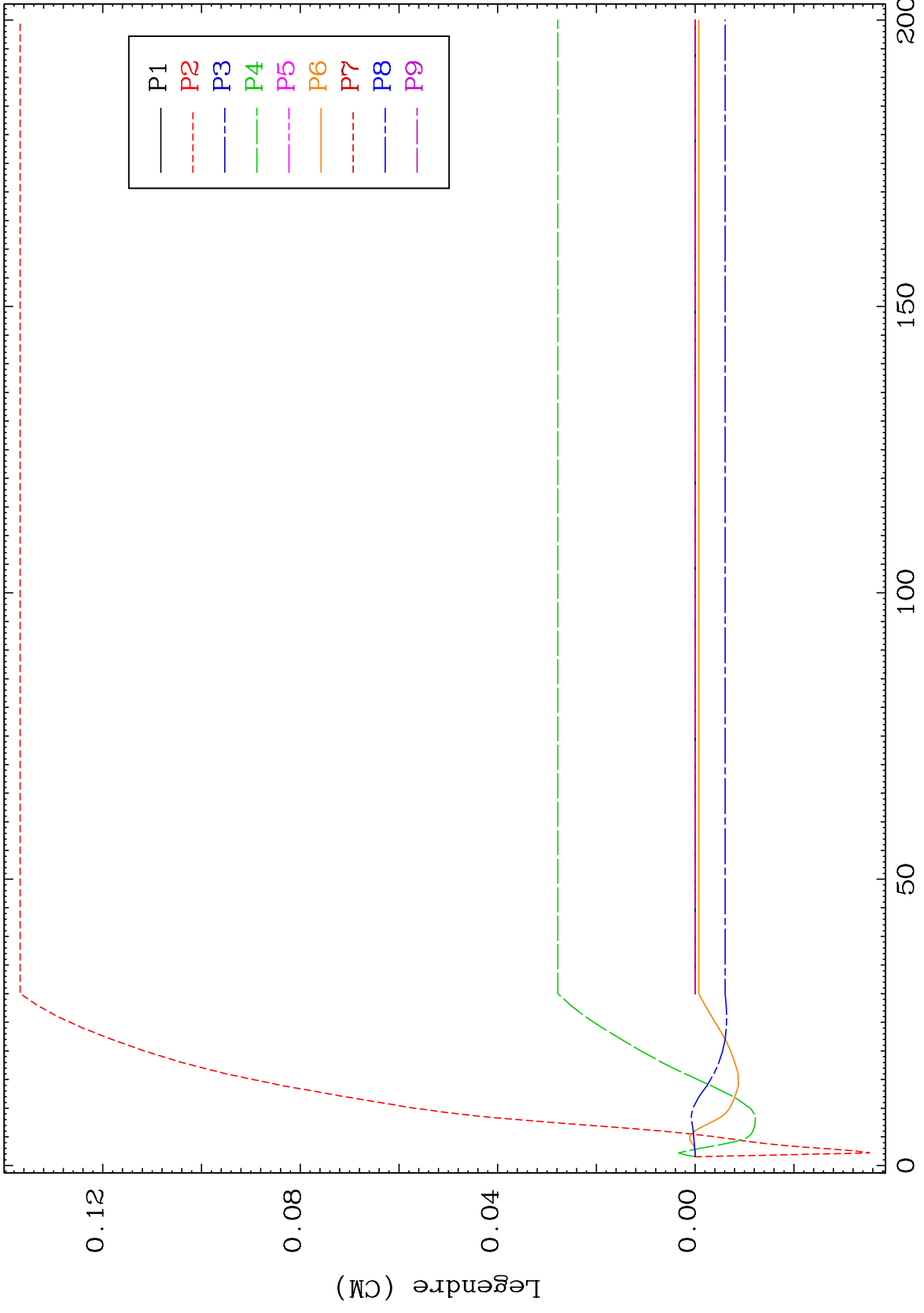


65

Incident Energy (MeV)

60-Nd-148

MAT 6043 MT= 63 (n,n') Level Legendre Coefficients 60-Nd-148

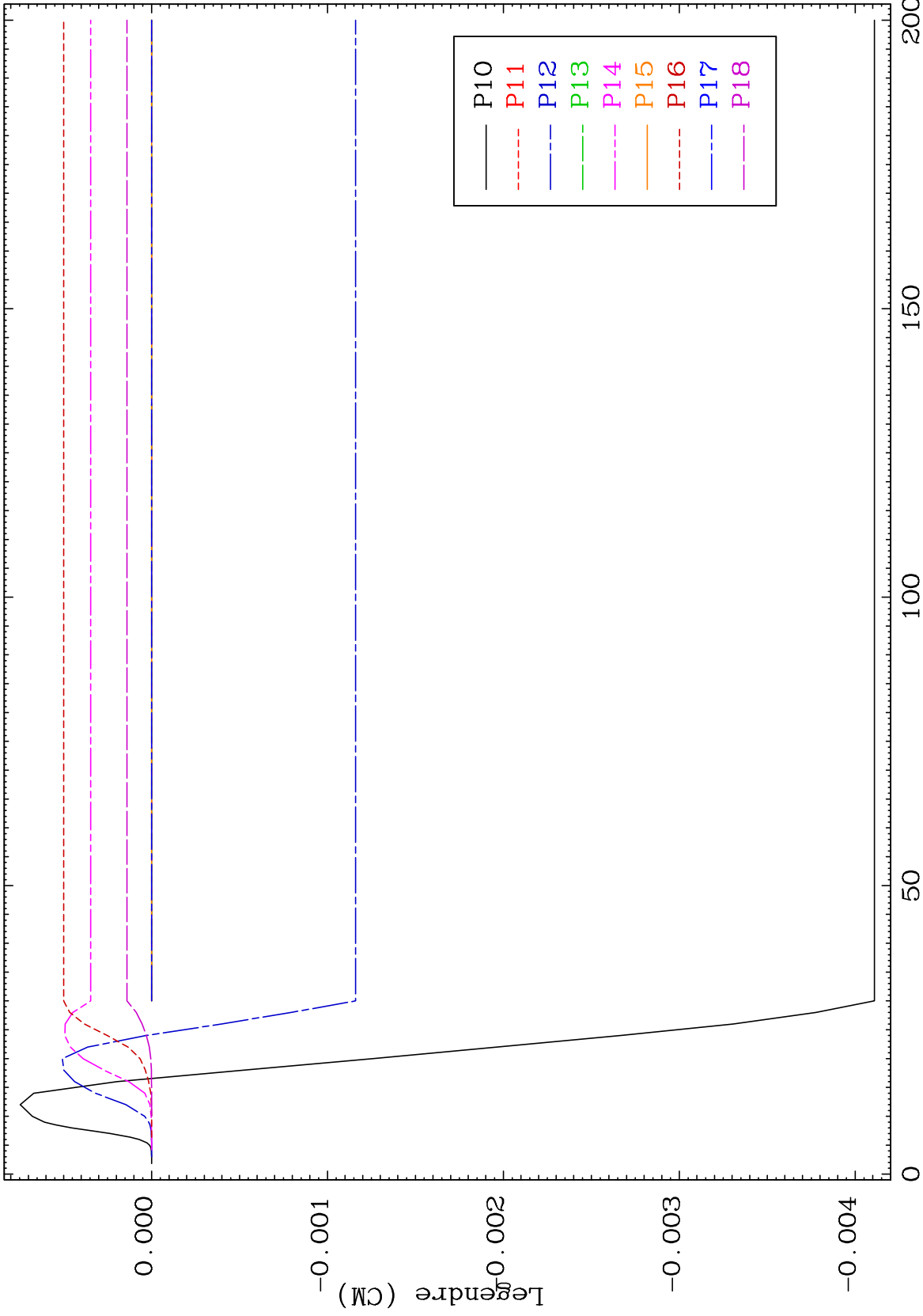


66 60-Nd-148

MAT 6043

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

60-Nd-148

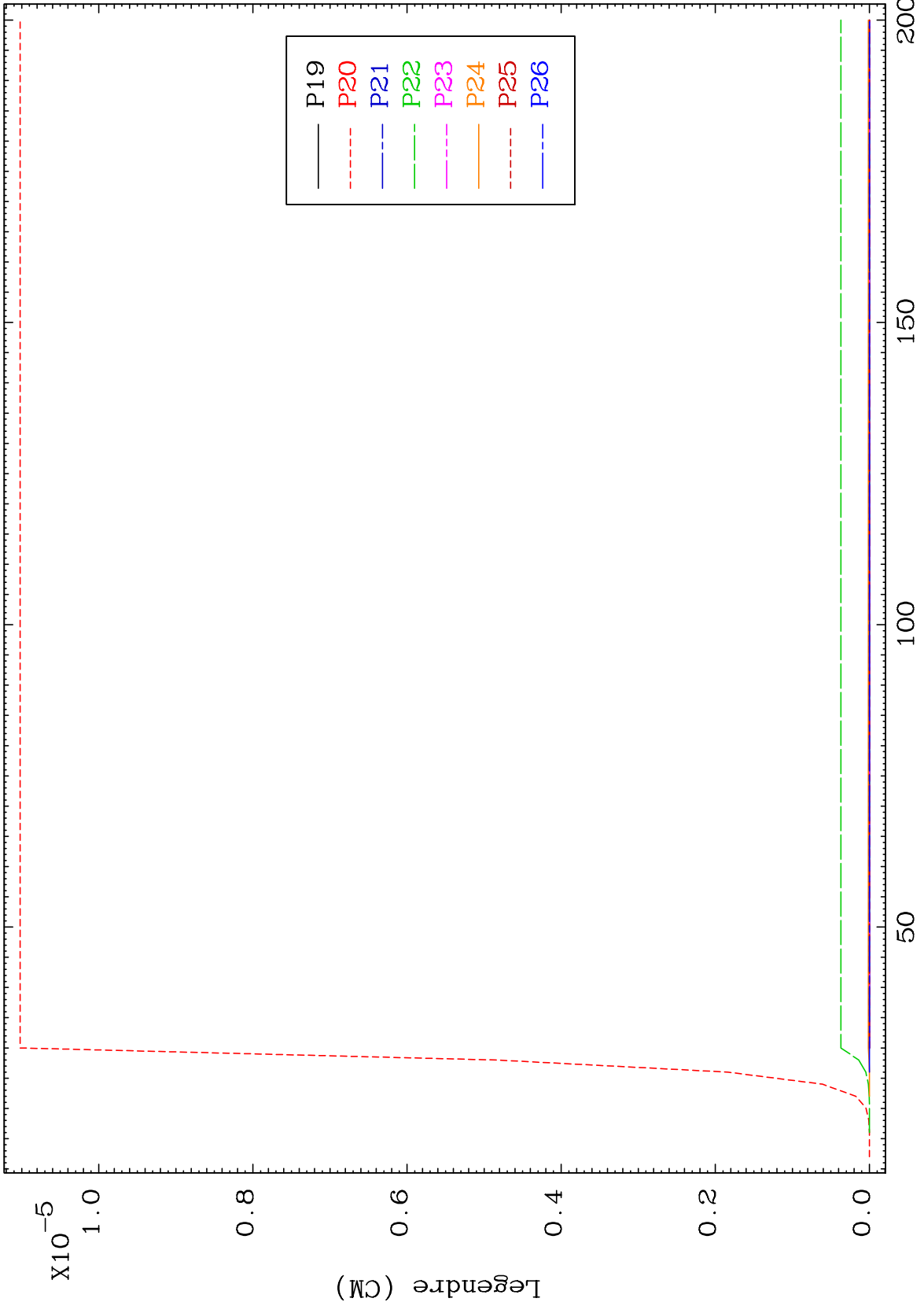


67

Incident Energy (MeV)

60-Nd-148

MAT 6043 MT= 63 (n,n') Level Legendre Coefficients 60-Nd-148

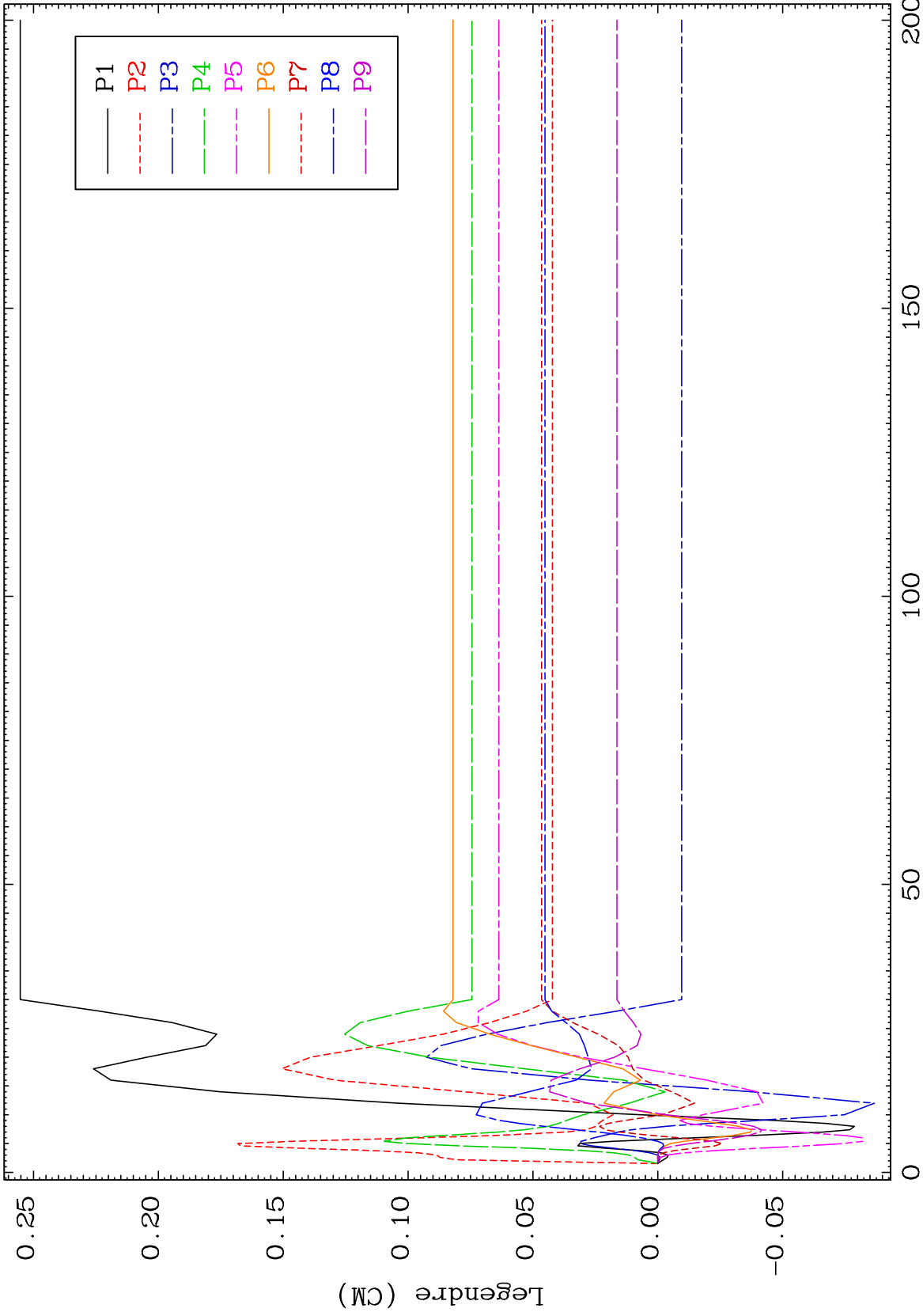


68 60-Nd-148

MAT 6043

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

60-Nd-148



69

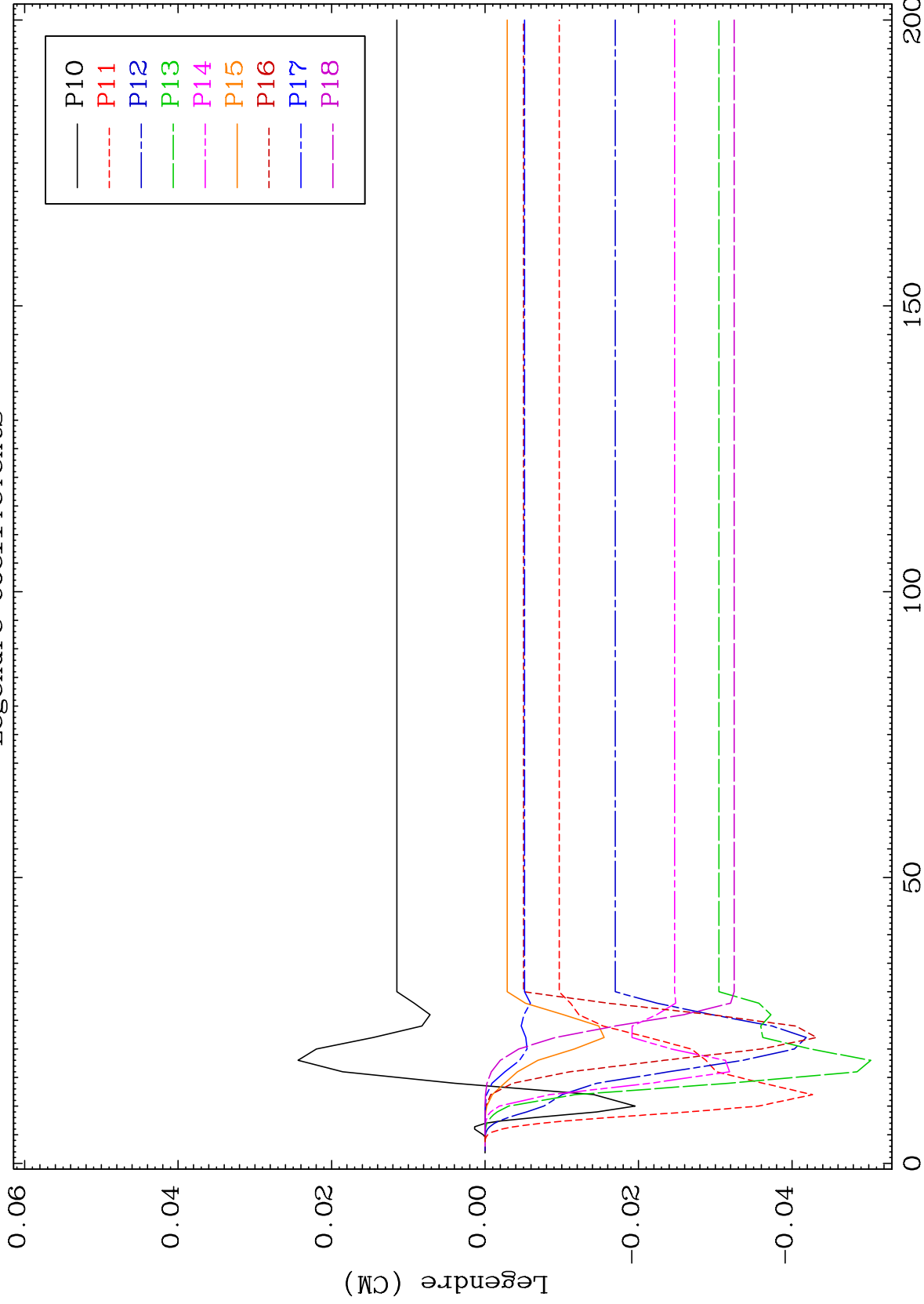
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



70

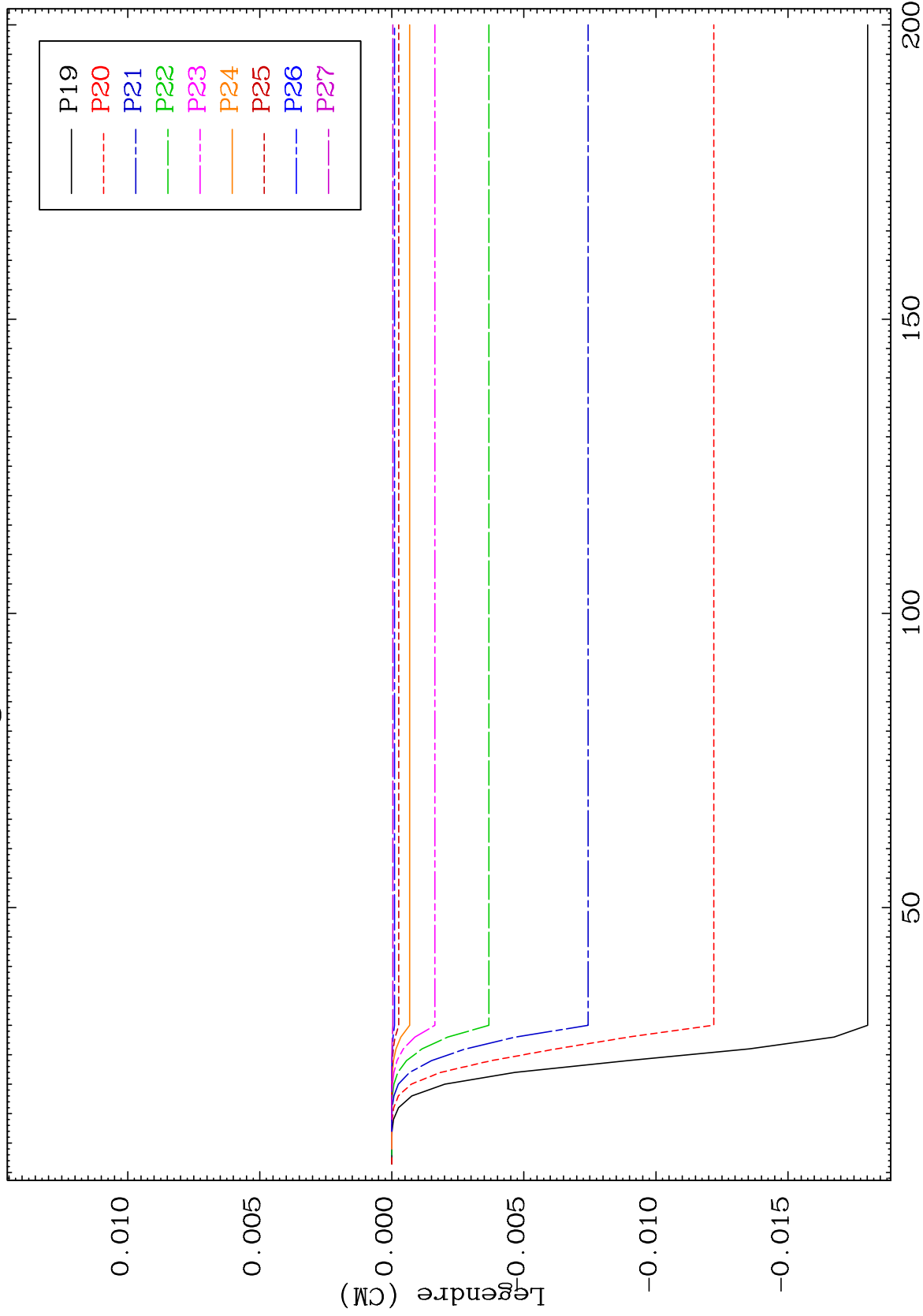
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



71

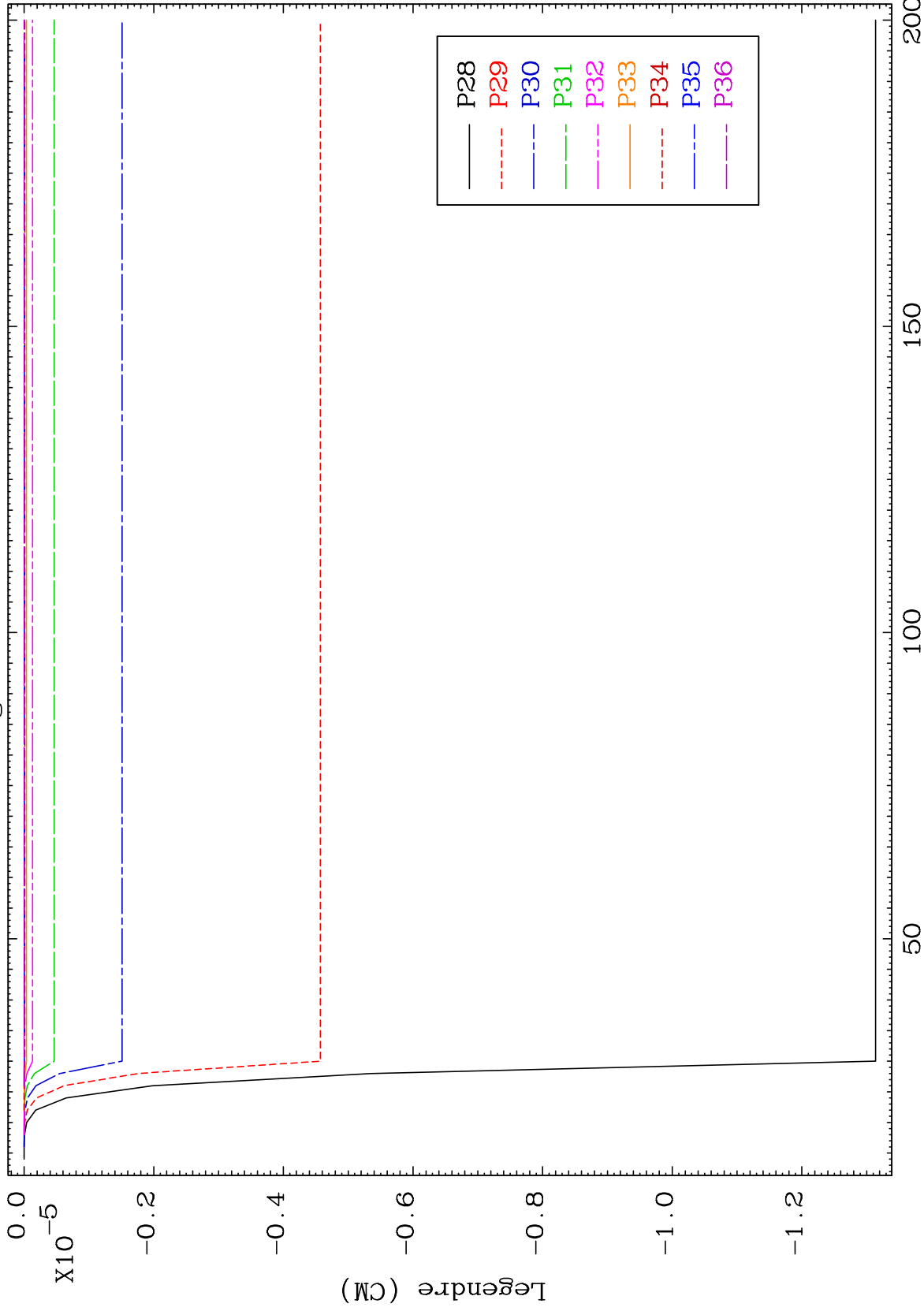
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

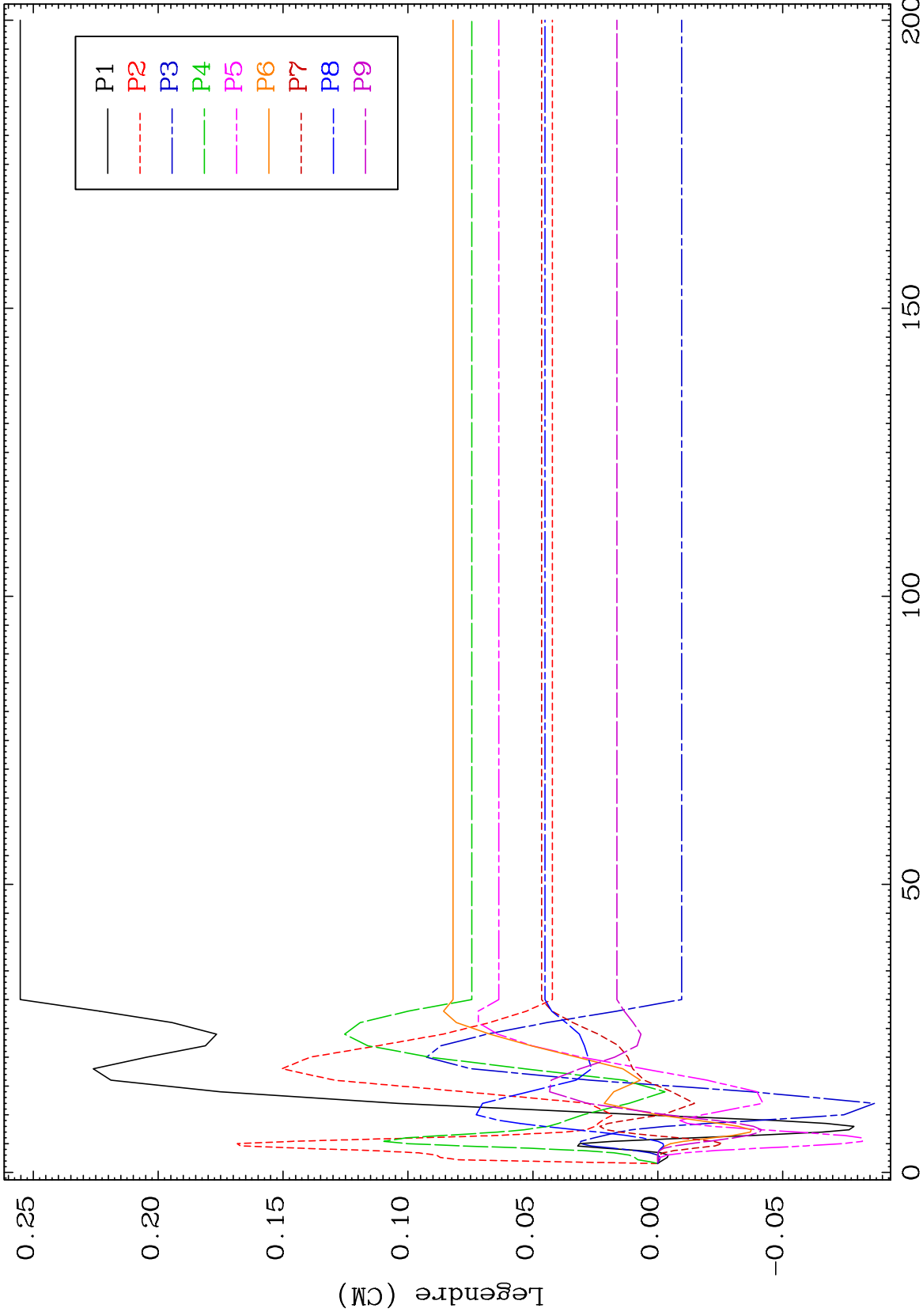
Incident Energy (MeV)

72

MAT 6043

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

60-Nd-148



73

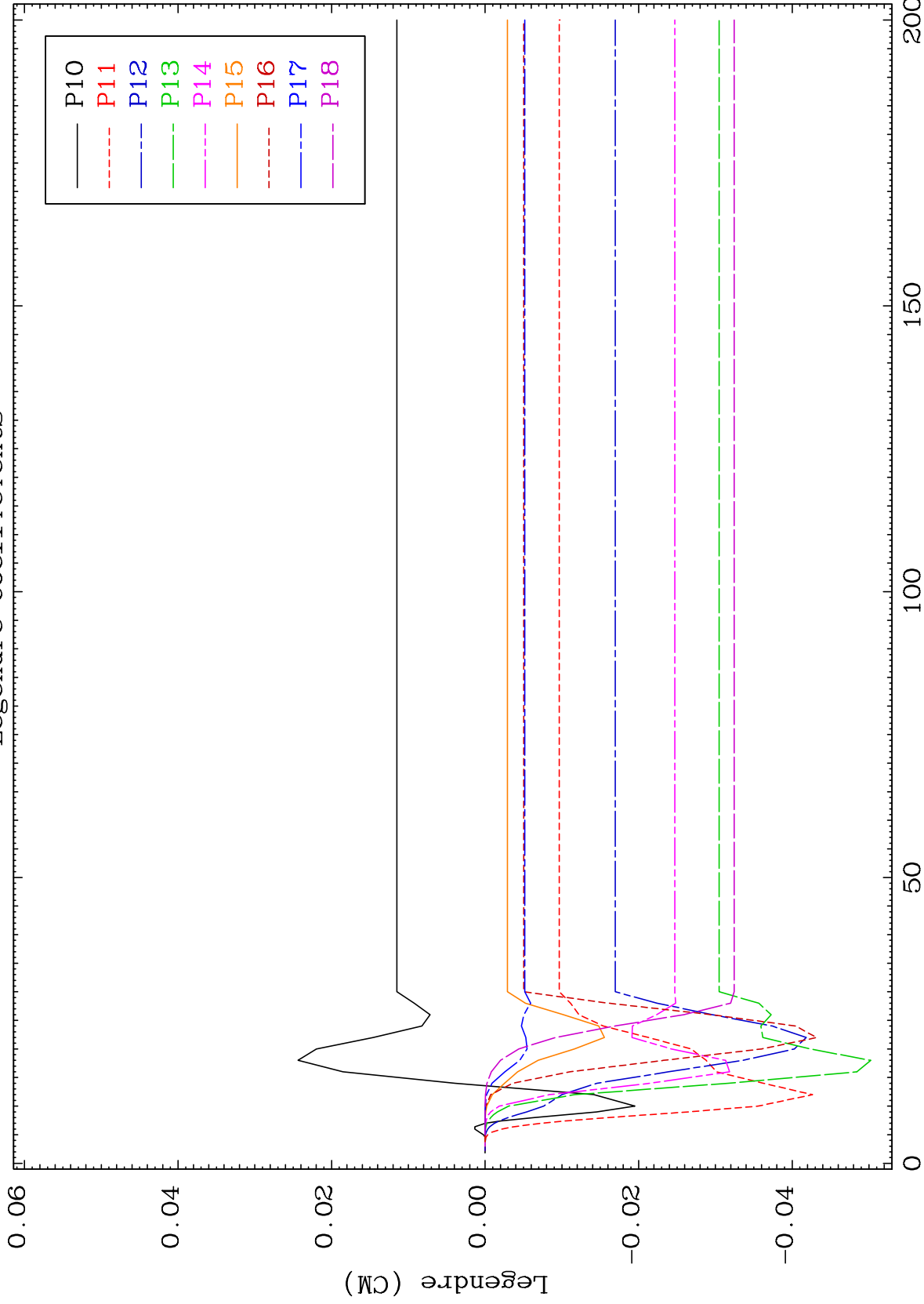
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



74

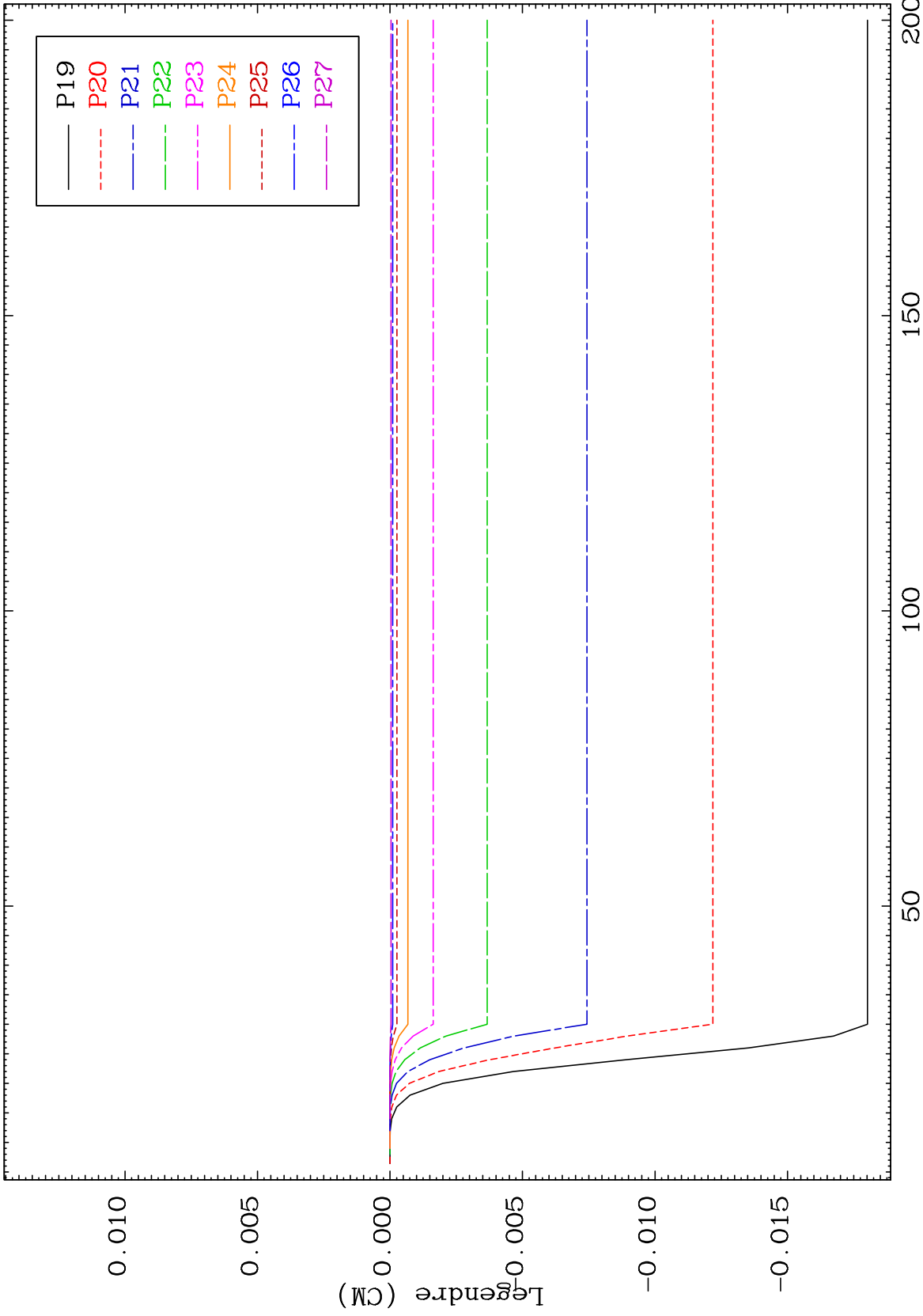
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



75

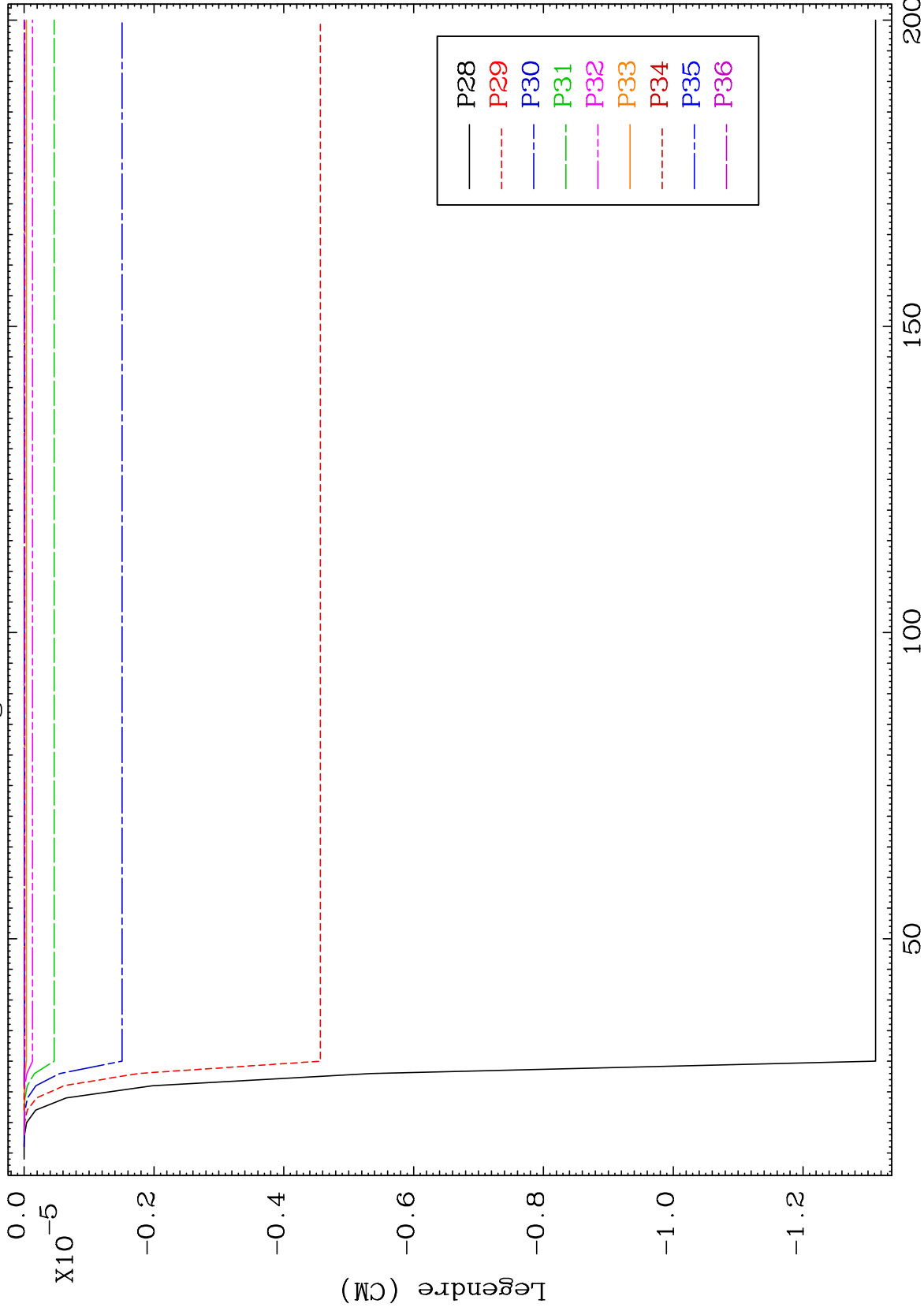
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

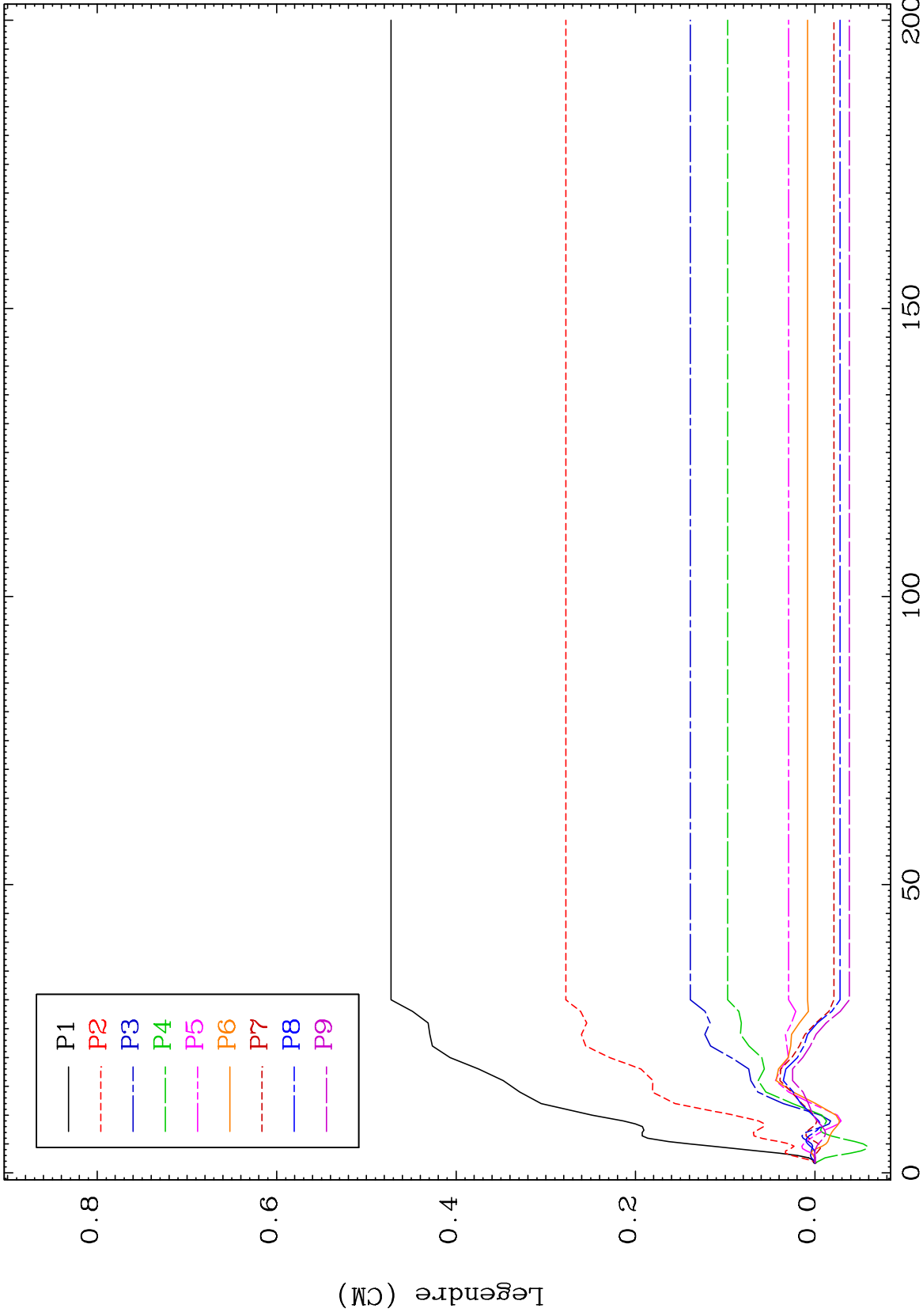
Incident Energy (MeV)

76

MAT 6043

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

60-Nd-148



77

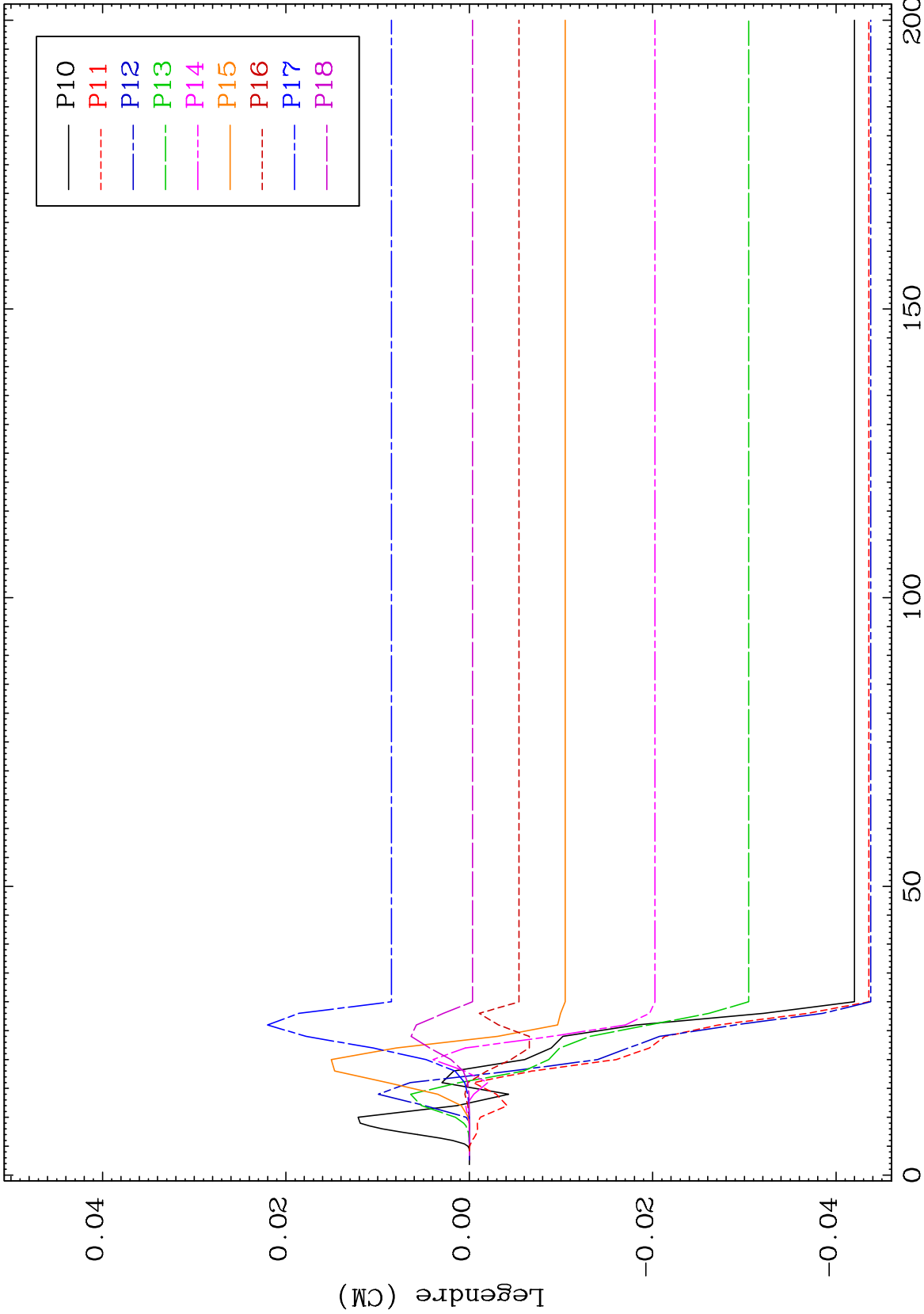
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



78

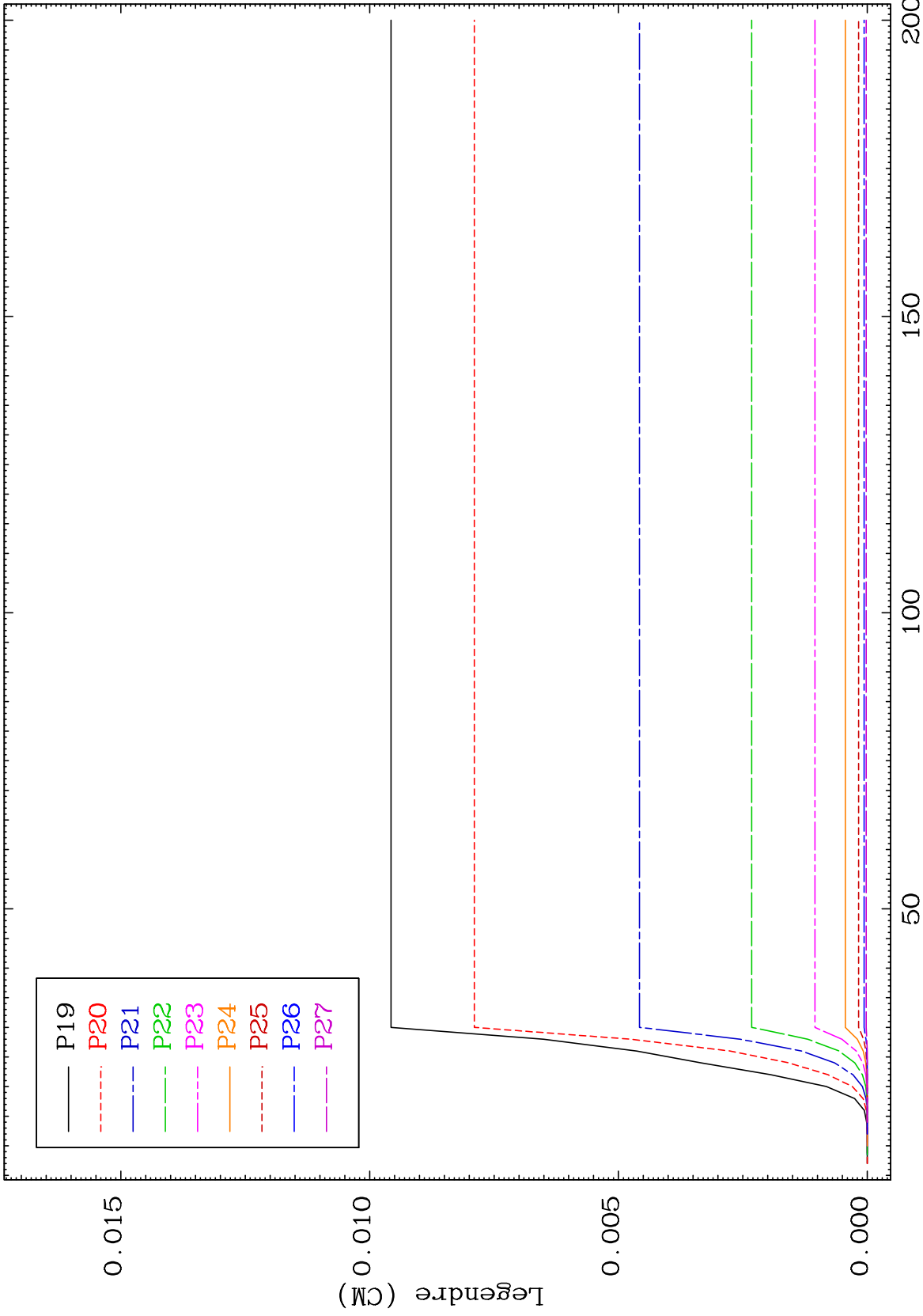
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



79

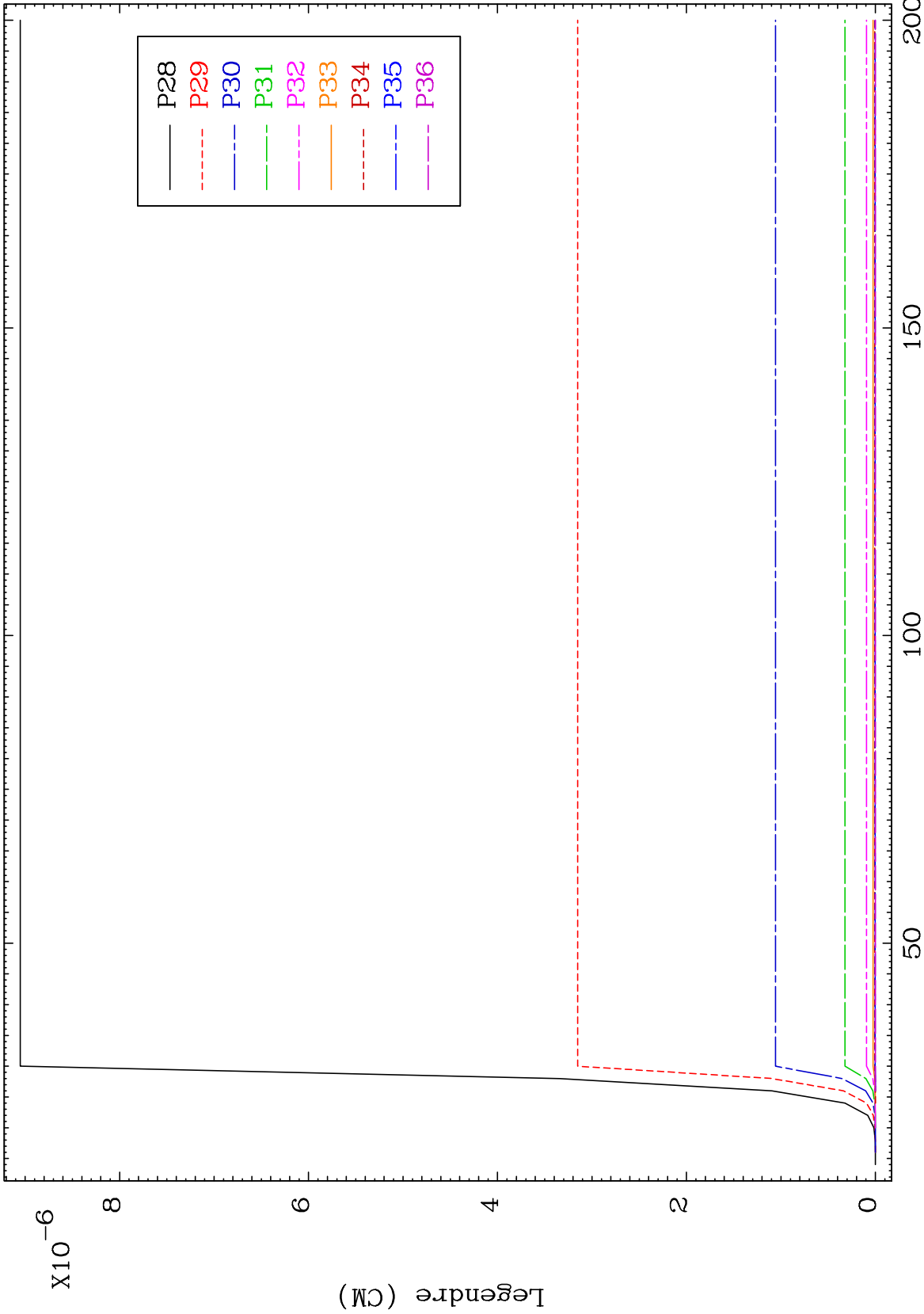
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148

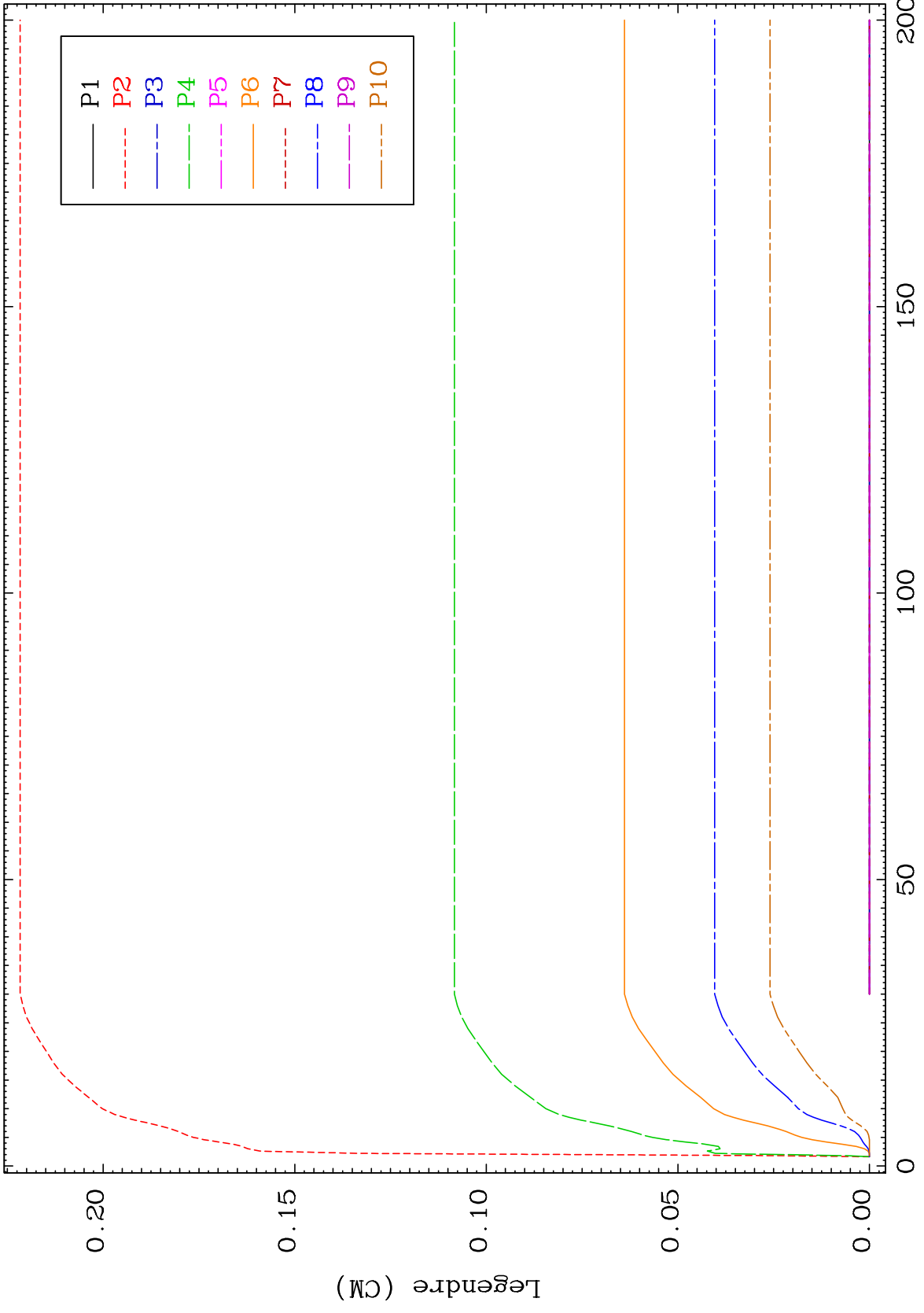


80

Incident Energy (MeV)

60-Nd-148

MAT 6043 MT= 67 (n,n') Level Legendre Coefficients 60-Nd-148

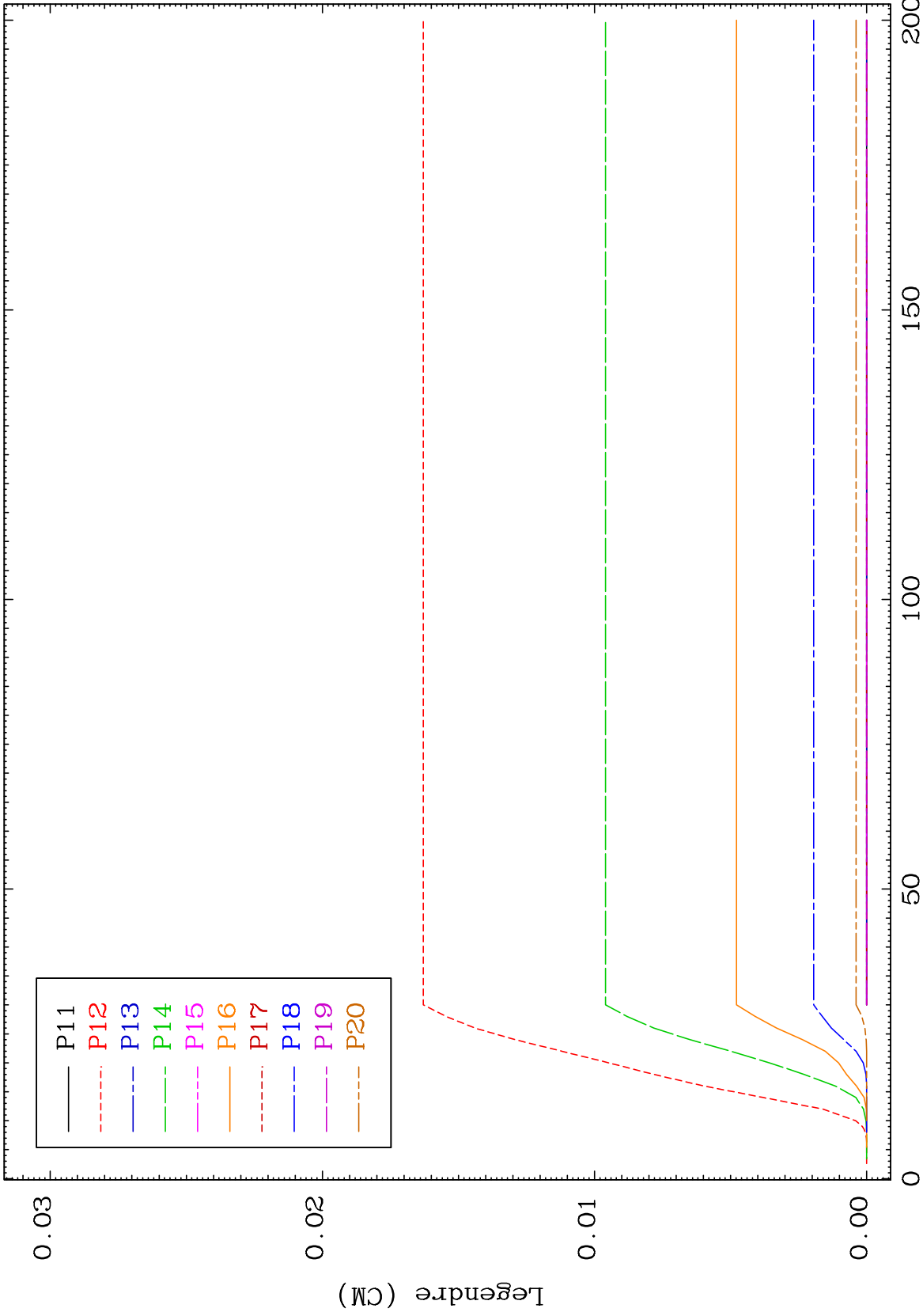


81 60-Nd-148

MAT 6043

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

60-Nd-148

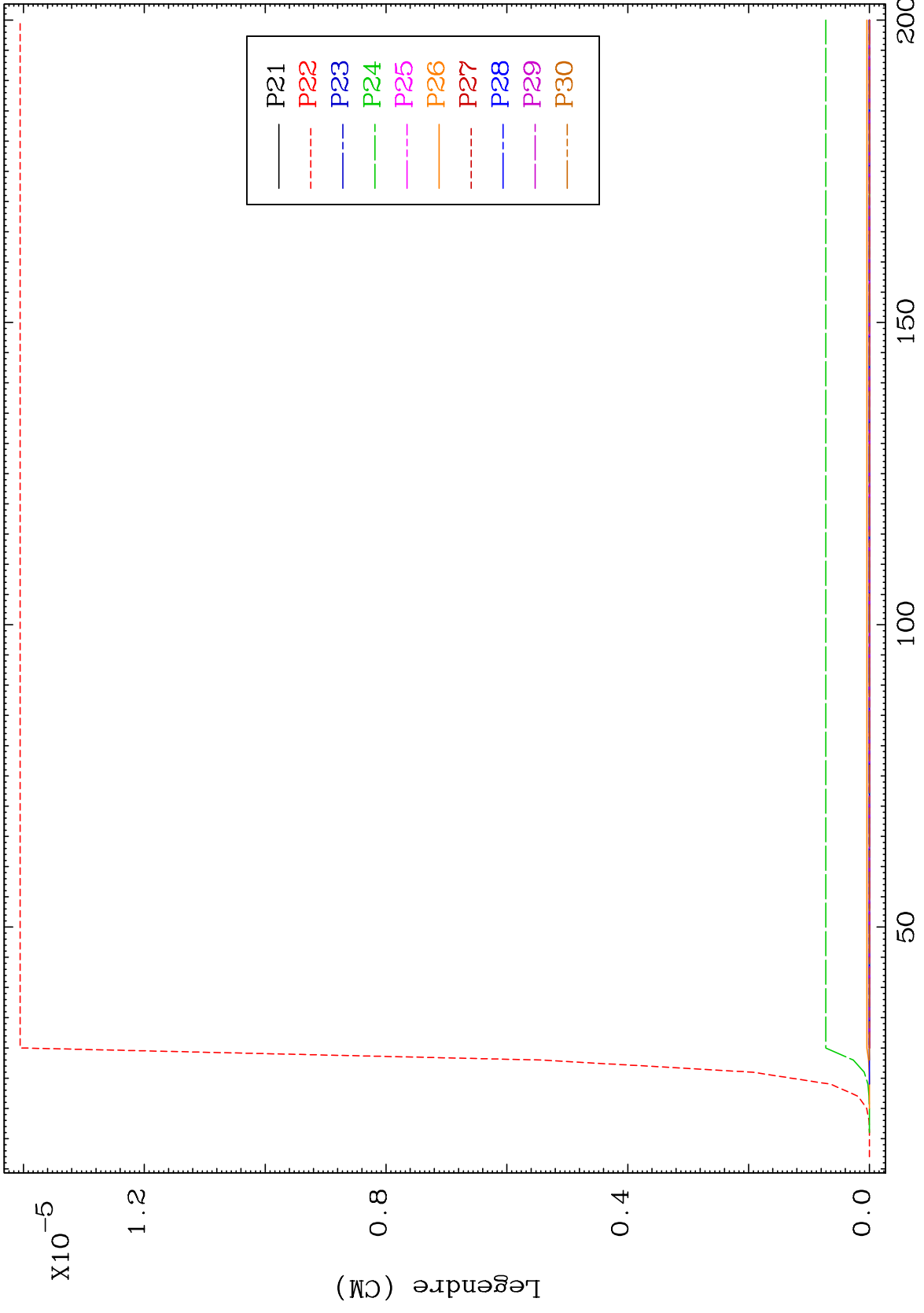


82

Incident Energy (MeV)

60-Nd-148

MAT 6043 MT= 67 (n,n') Level Legendre Coefficients 60-Nd-148

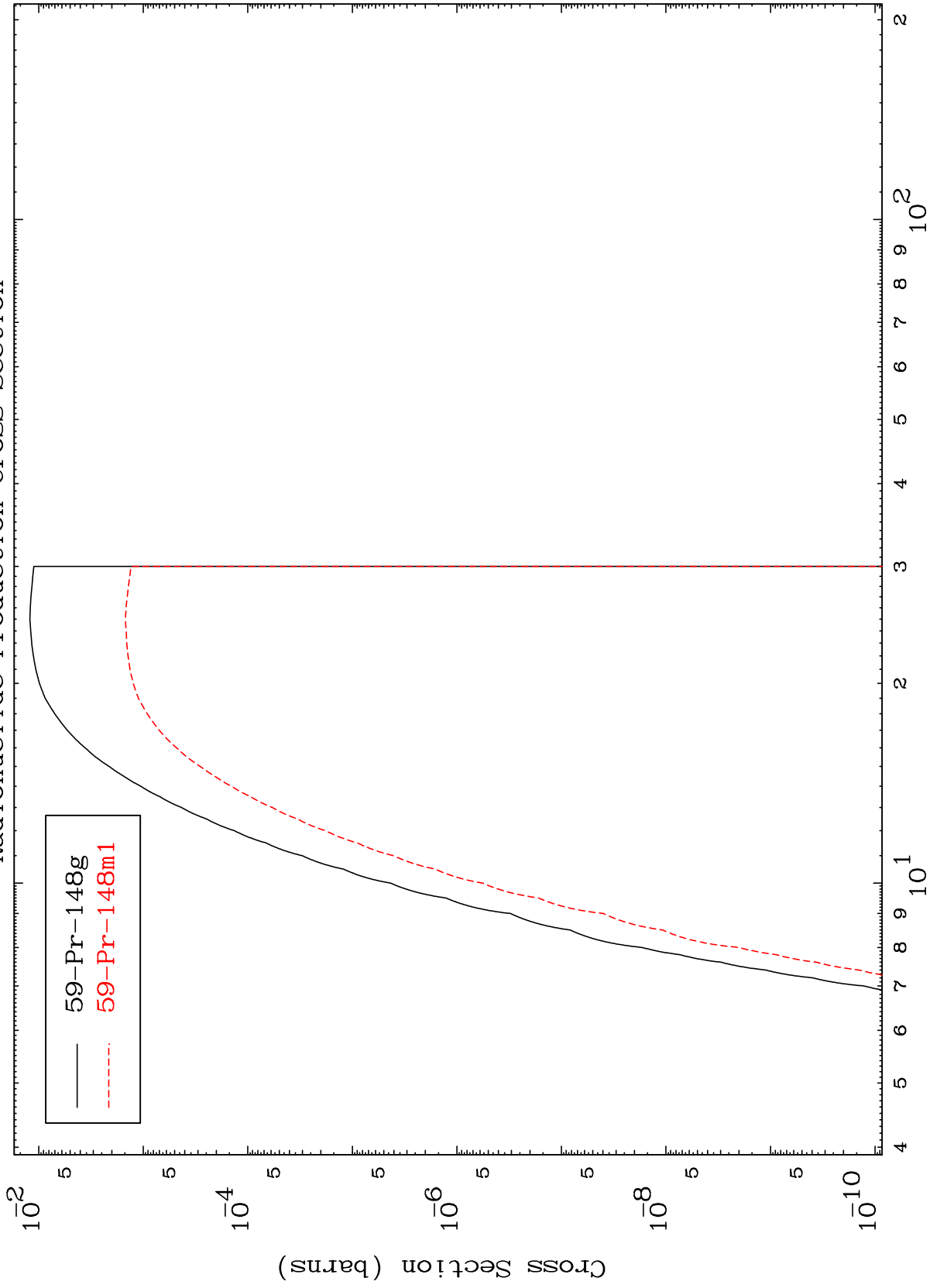


83 60-Nd-148

MAT 6043

60-Nd-148

(n,p)
Radionuclide Production Cross Section



84

Incident Energy (MeV)

60-Nd-148