

Program EVALPLOT
(Version 2018-1)

by

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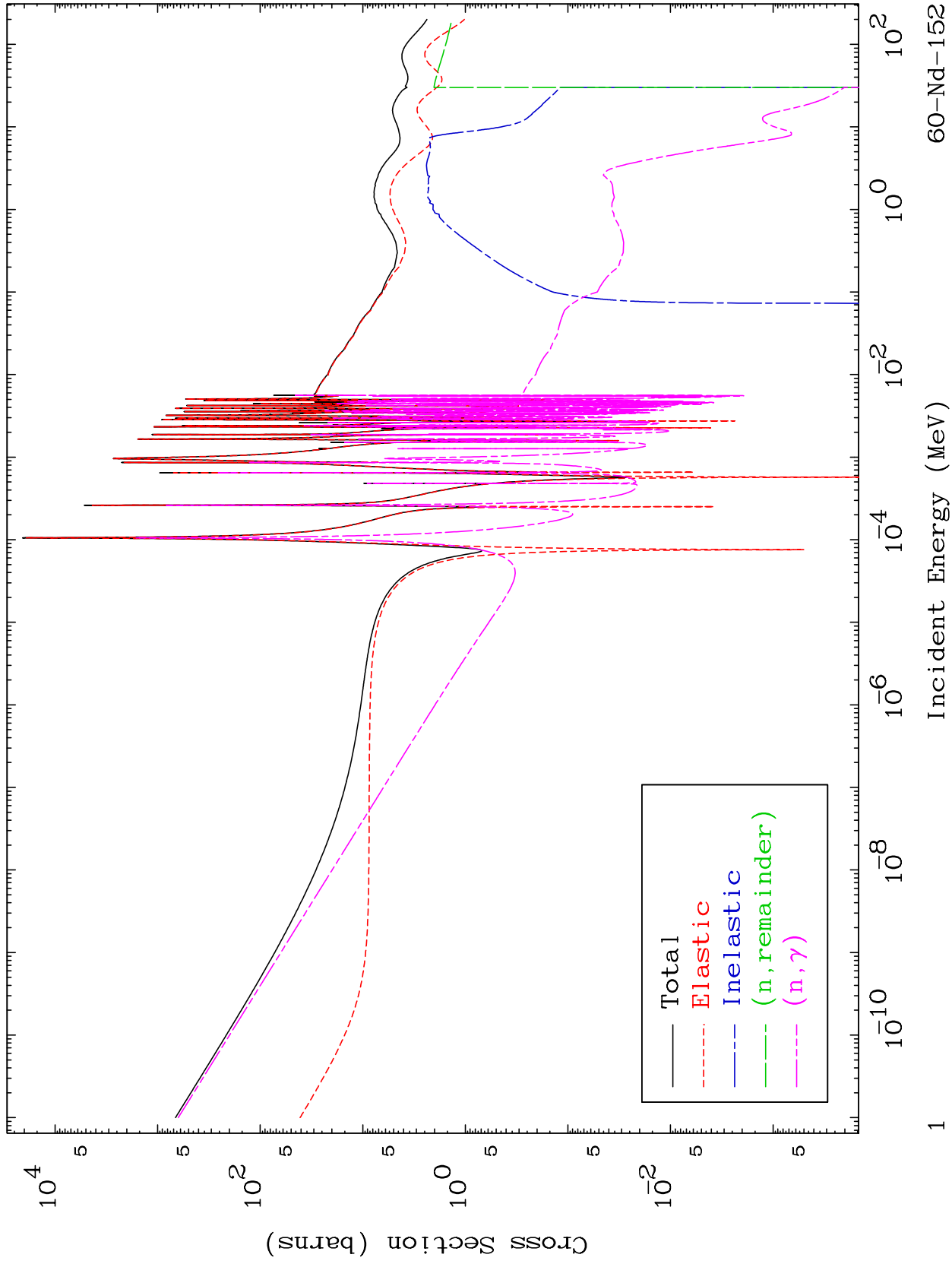
Press Mouse Button to Start

MAT 6055

Major

293 Kelvin Cross Sections

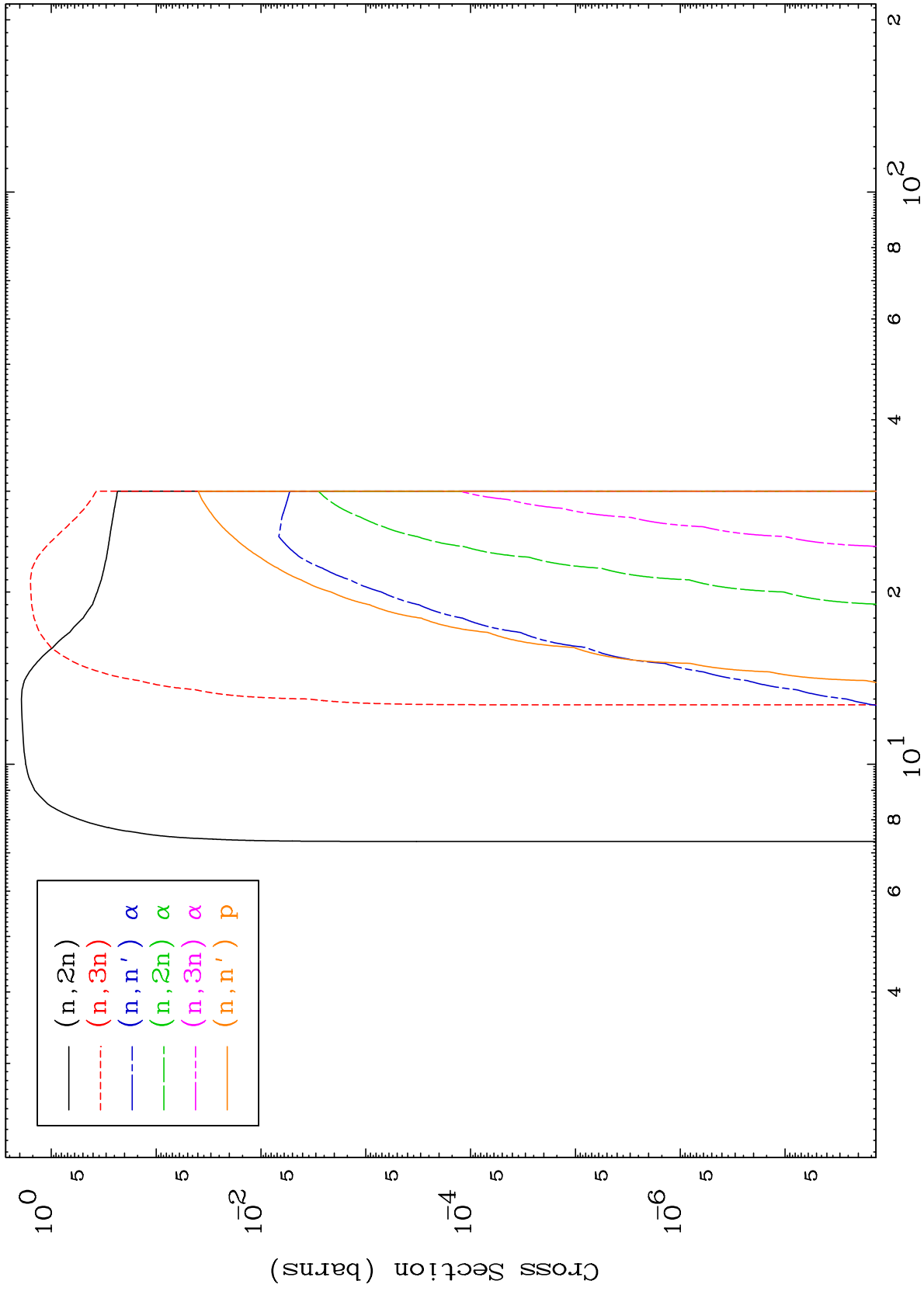
60-Nd-152



MAT 6055

Neutron Production
293 Kelvin Cross Sections

60-Nd-152



2

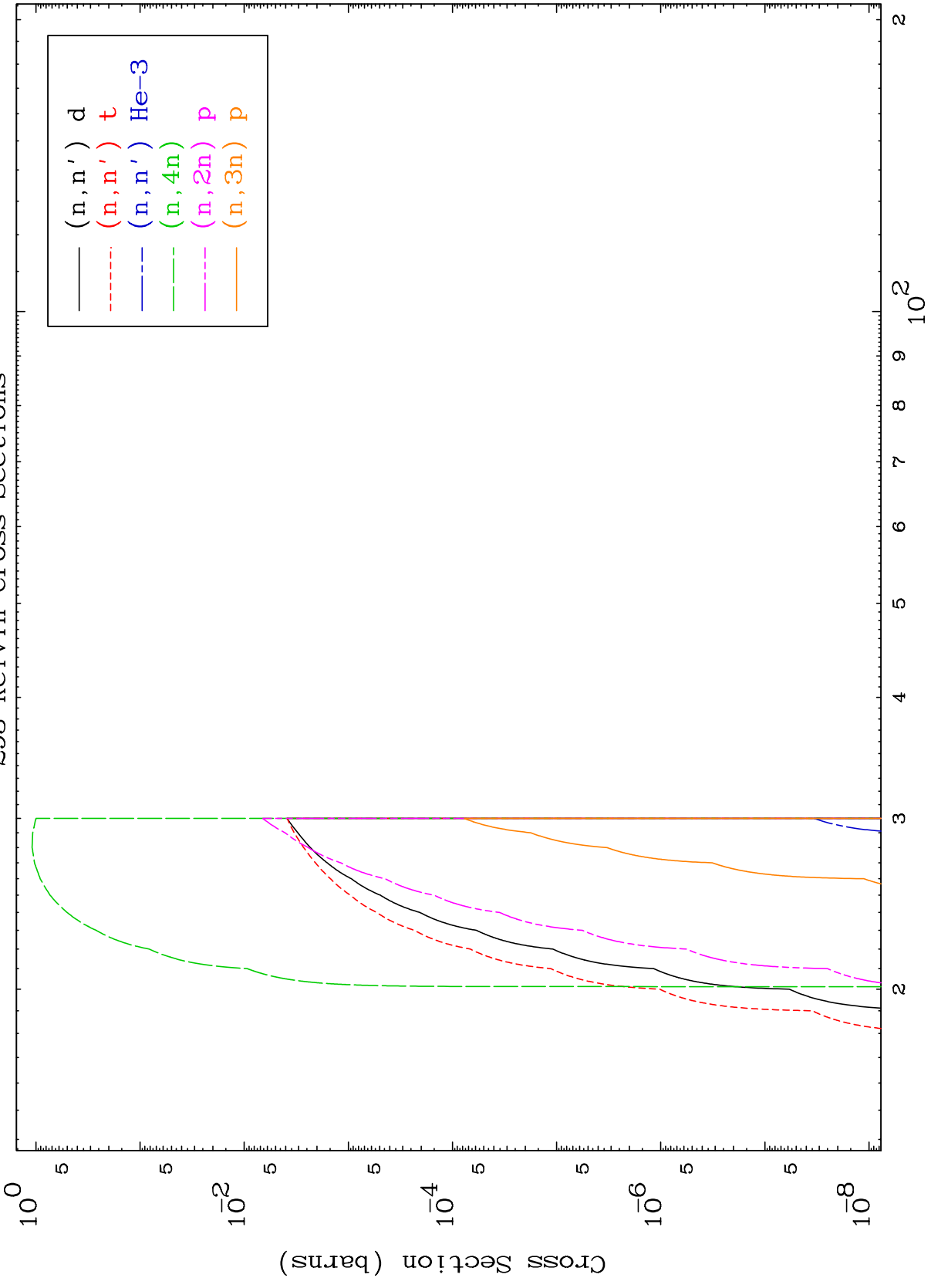
Incident Energy (MeV)

60-Nd-152

MAT 6055

Neutron Production
293 Kelvin Cross Sections

60-Nd-152



3

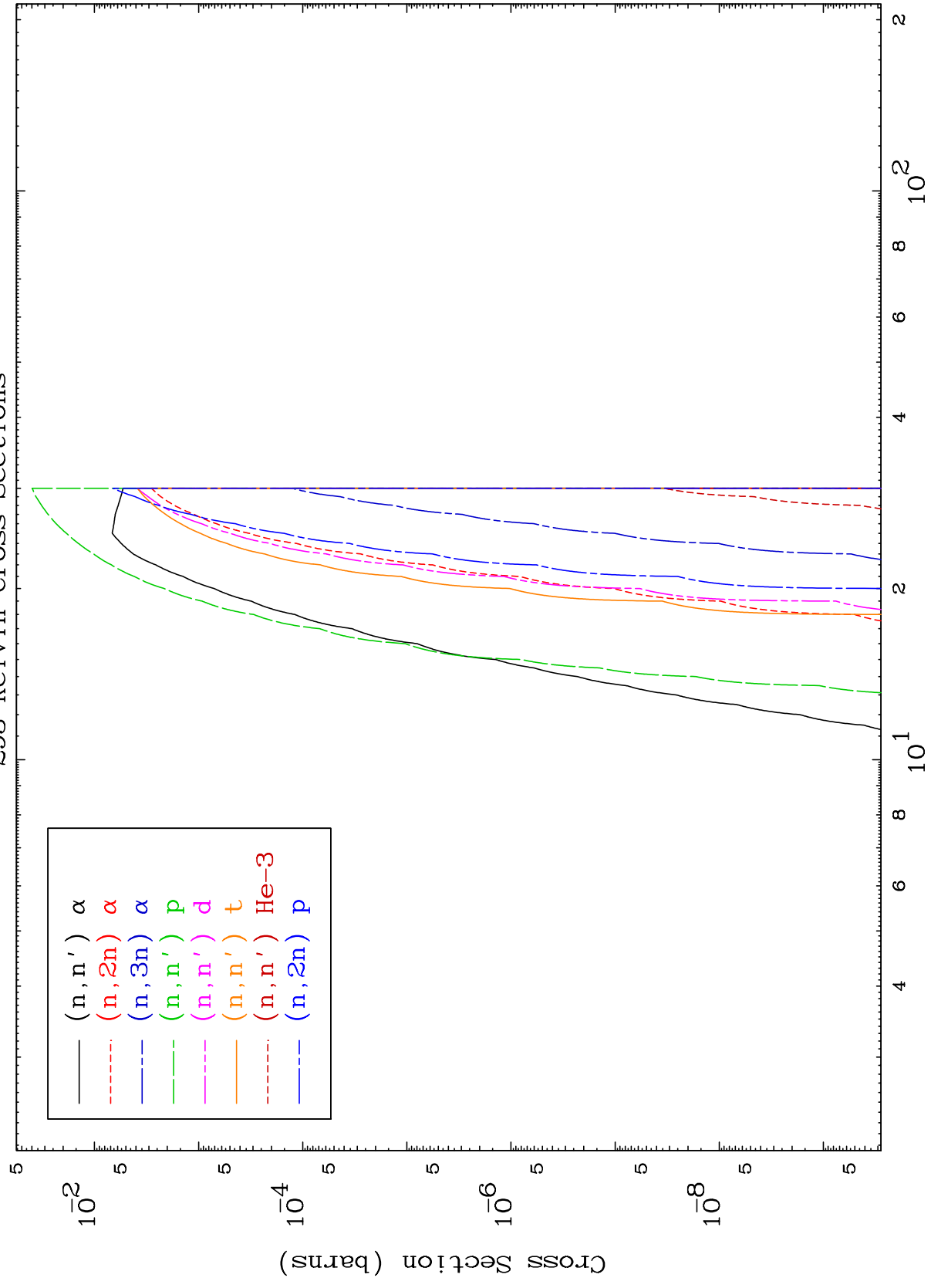
Incident Energy (MeV)

60-Nd-152

MAT 6055

Charged Particle
293 Kelvin Cross Sections

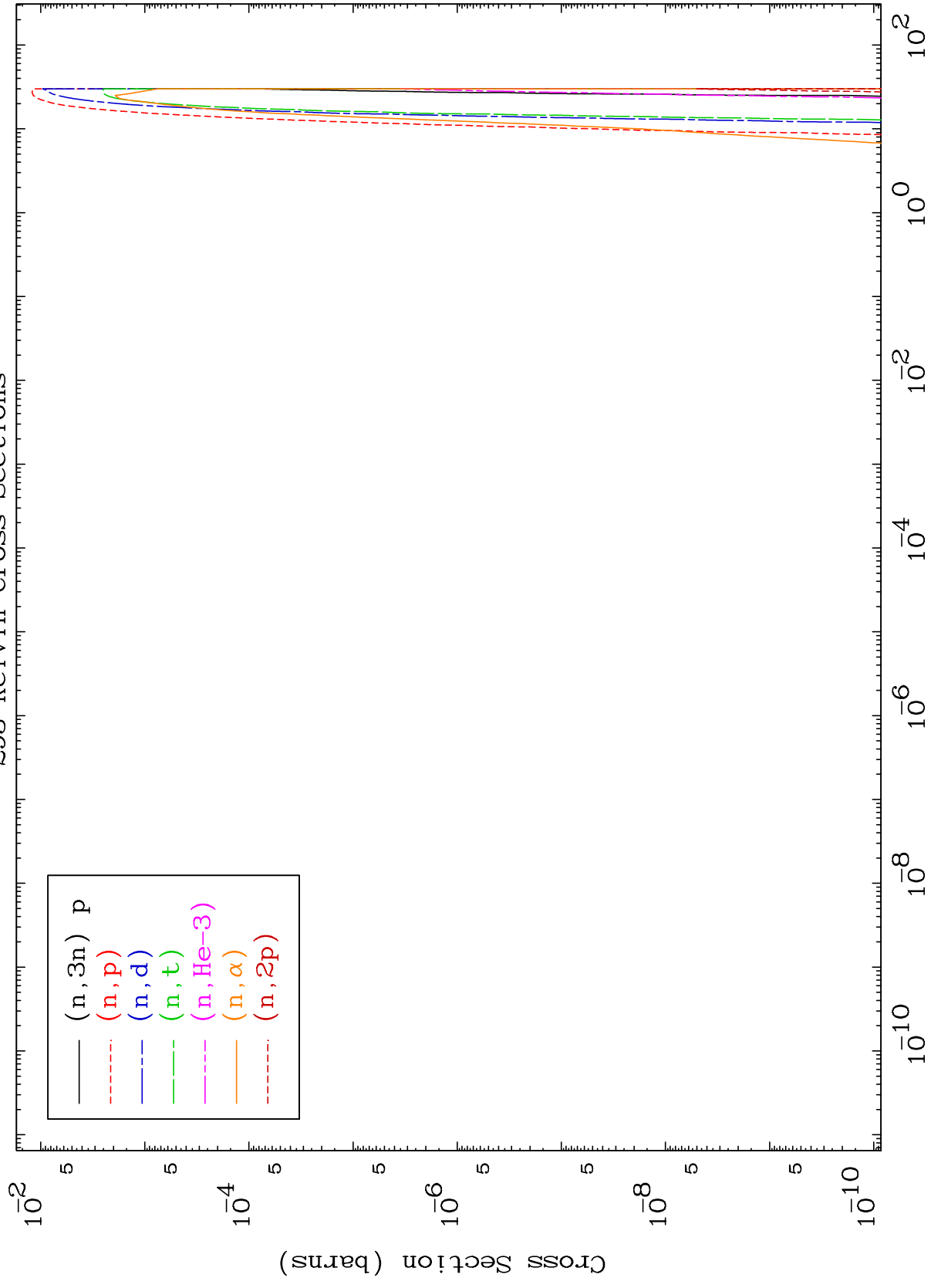
60-Nd-152



MAT 6055

293 Kelvin Cross Sections

60-Nd-152



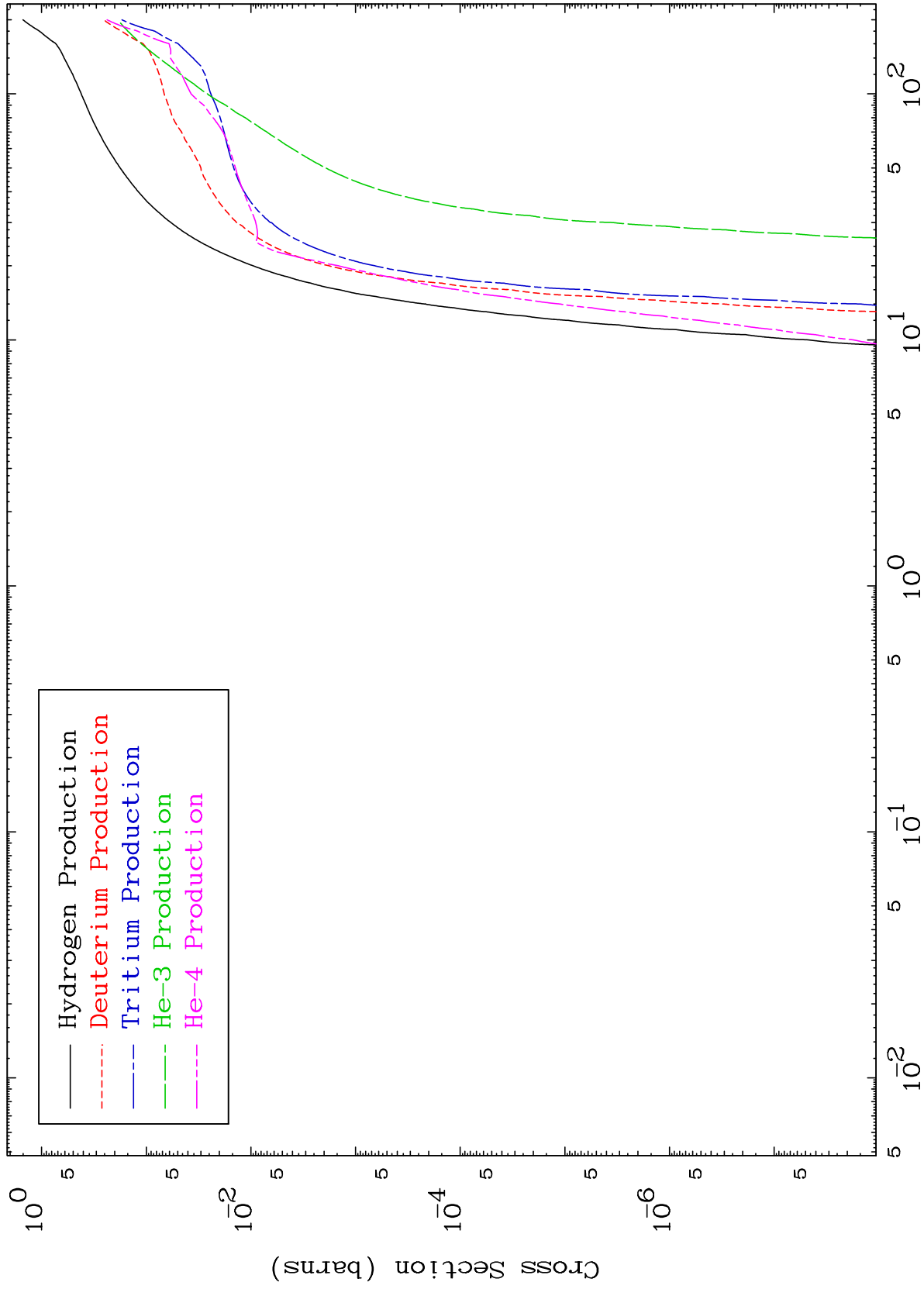
5

60-Nd-152

MAT 6055

Particle Production
293 Kelvin Cross Sections

60-Nd-152



6

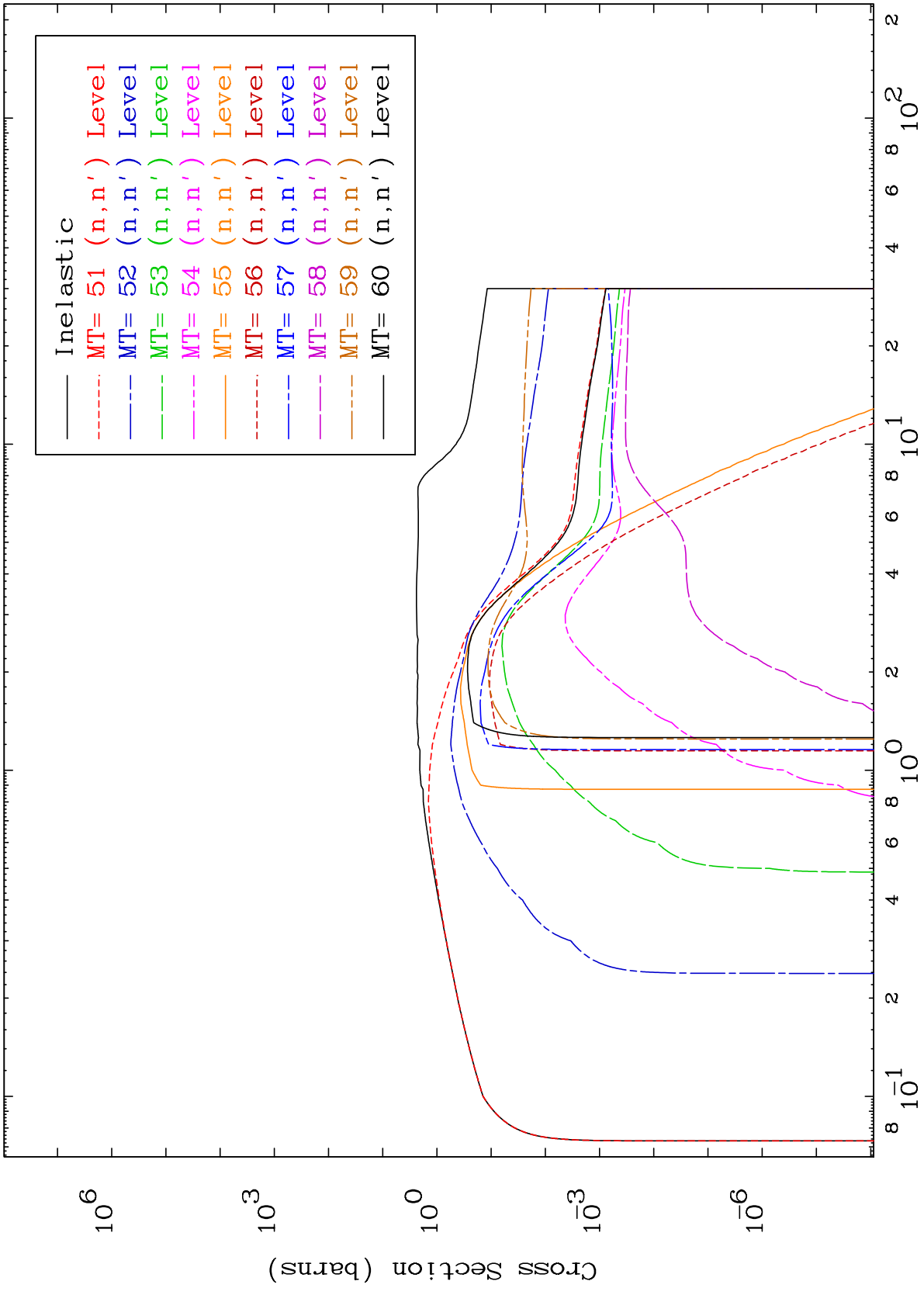
Incident Energy (MeV)

60-Nd-152

MAT 6055

(n,n') Level
293 Kelvin Cross Sections

60-Nd-152

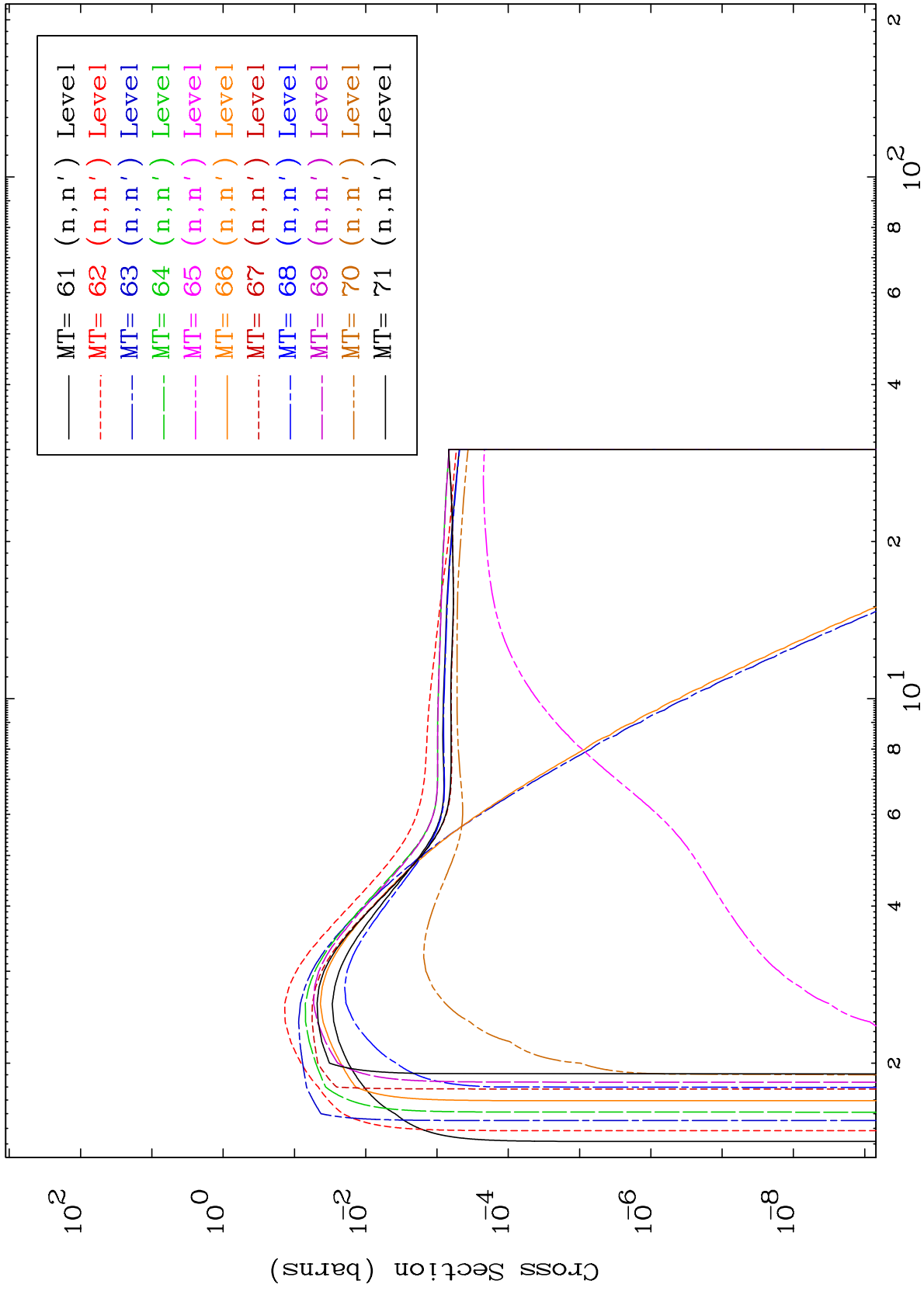


MAT 6055

(n,n') Level

60-Nd-152

293 Kelvin Cross Sections



8

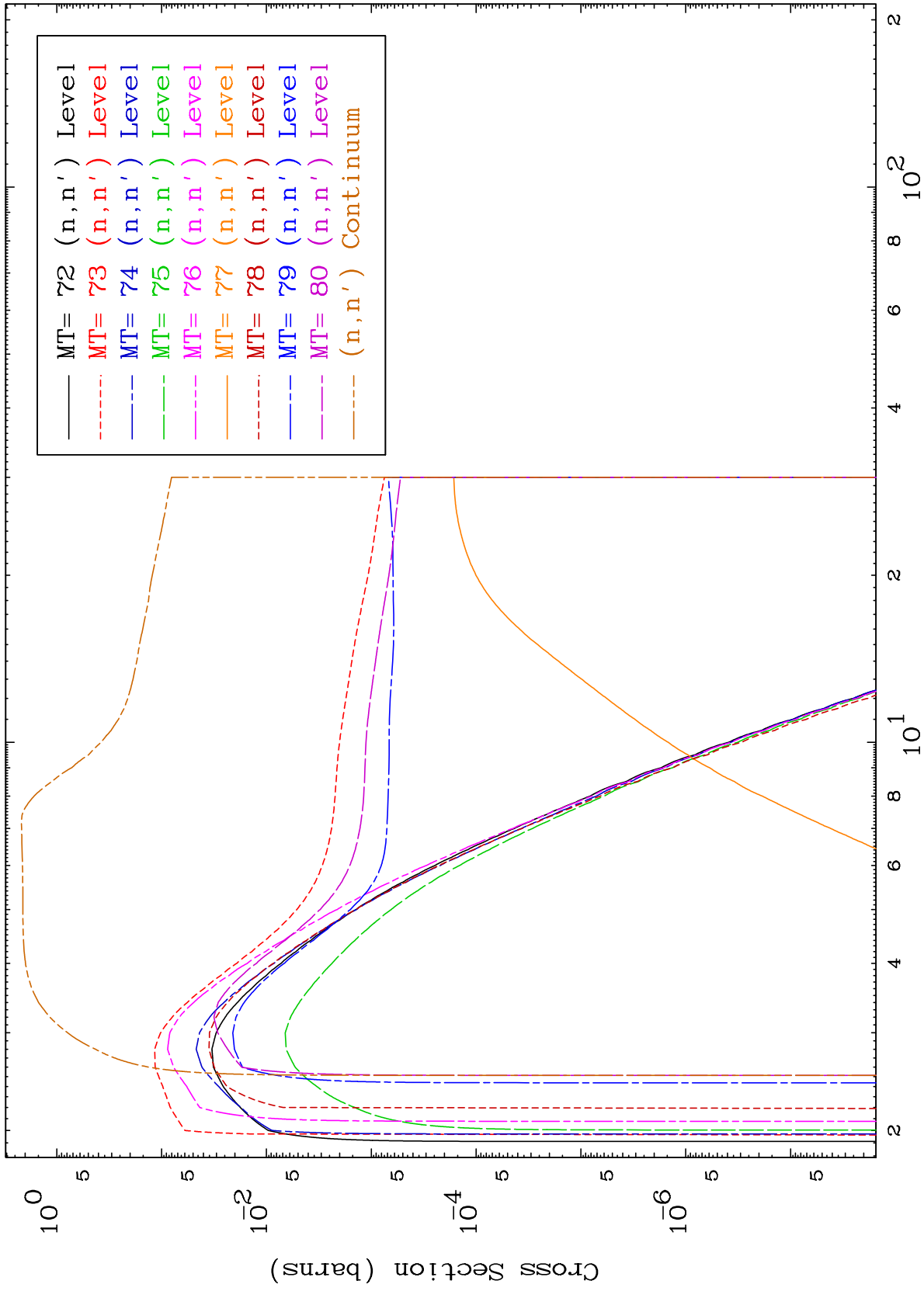
Incident Energy (MeV)

60-Nd-152

MAT 6055

(n,n') Level
293 Kelvin Cross Sections

60-Nd-152



9

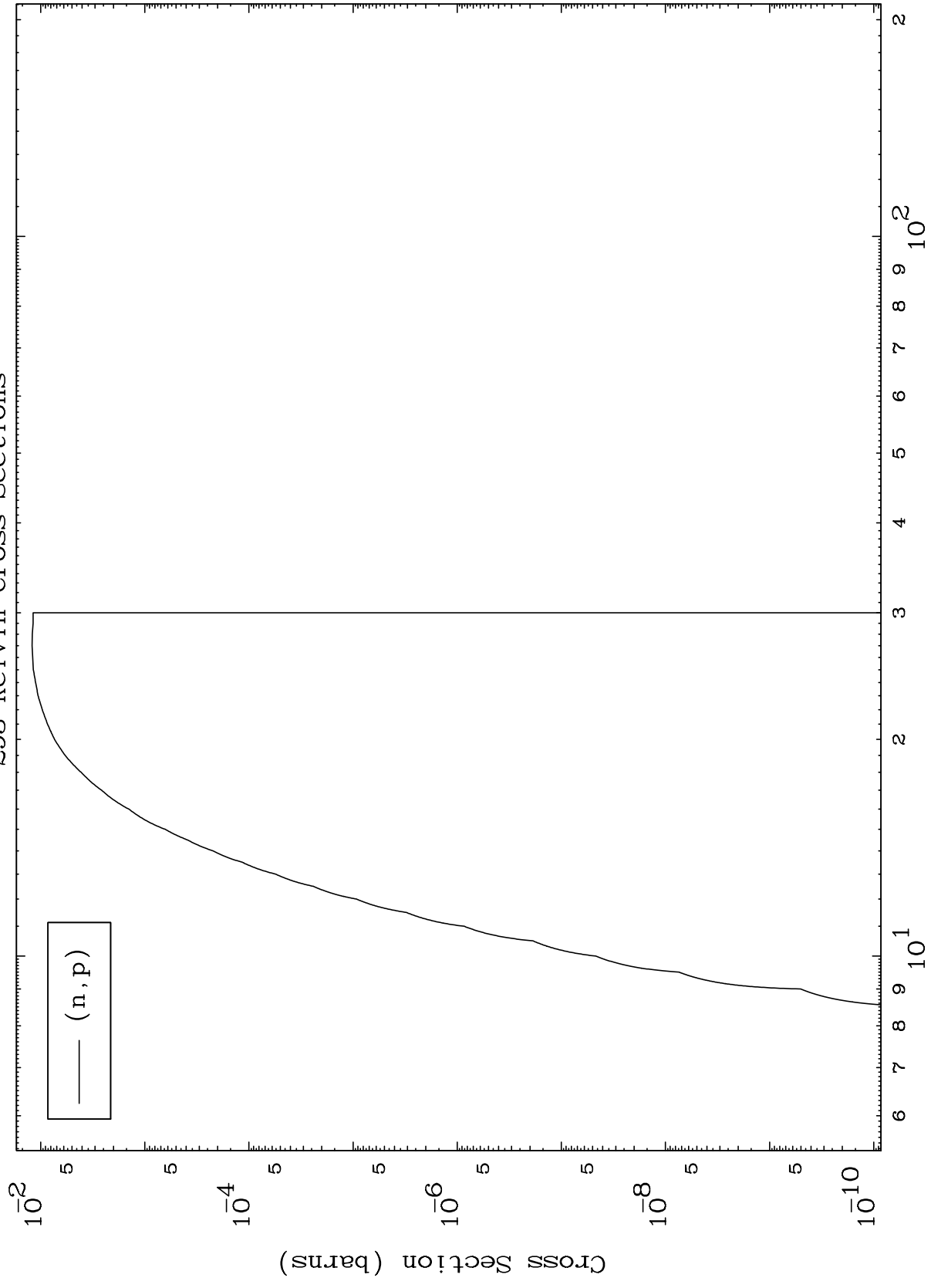
Incident Energy (MeV)

60-Nd-152

MAT 6055

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-152



10

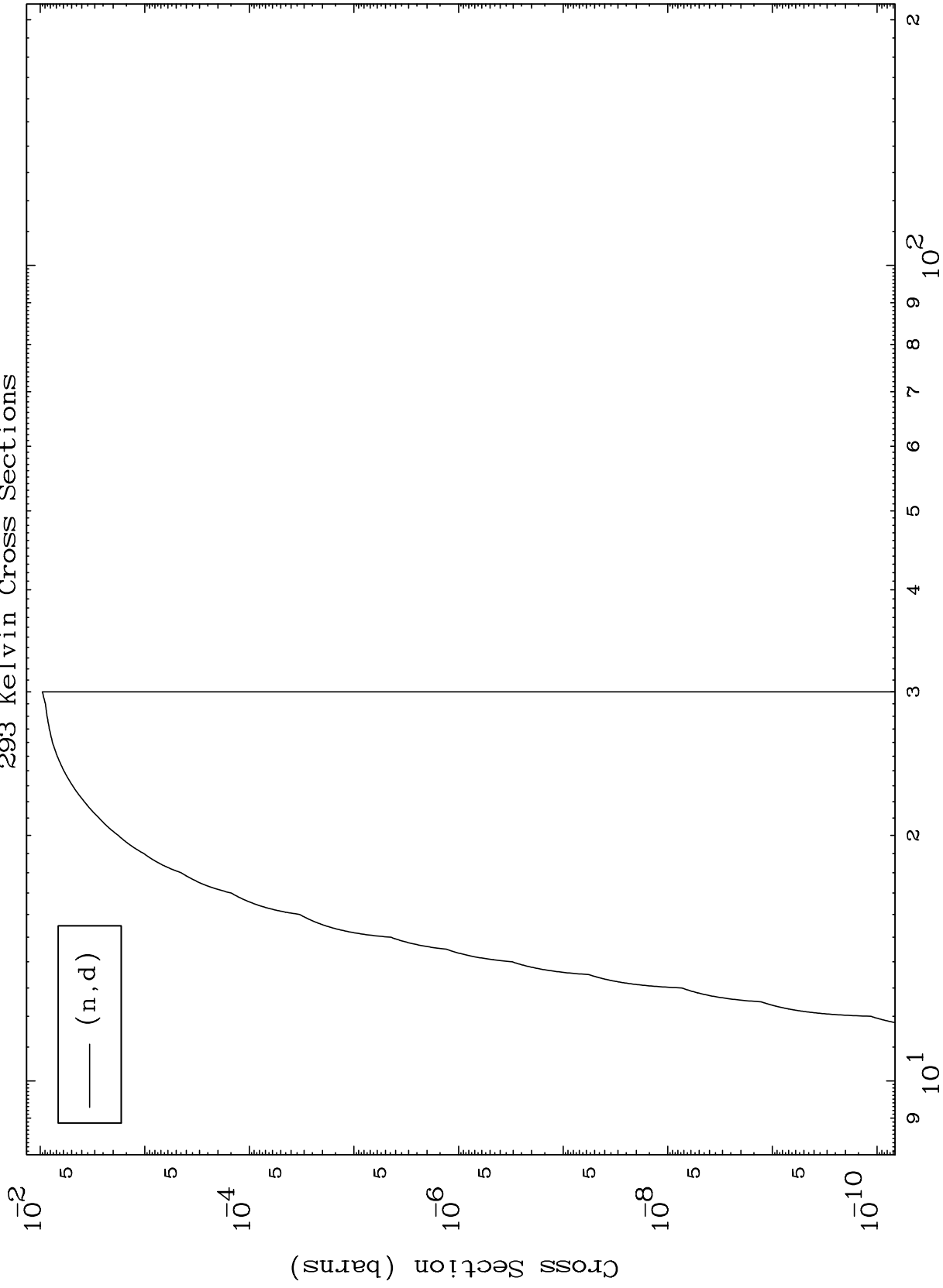
Incident Energy (MeV)

60-Nd-152

MAT 6055

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-152



11

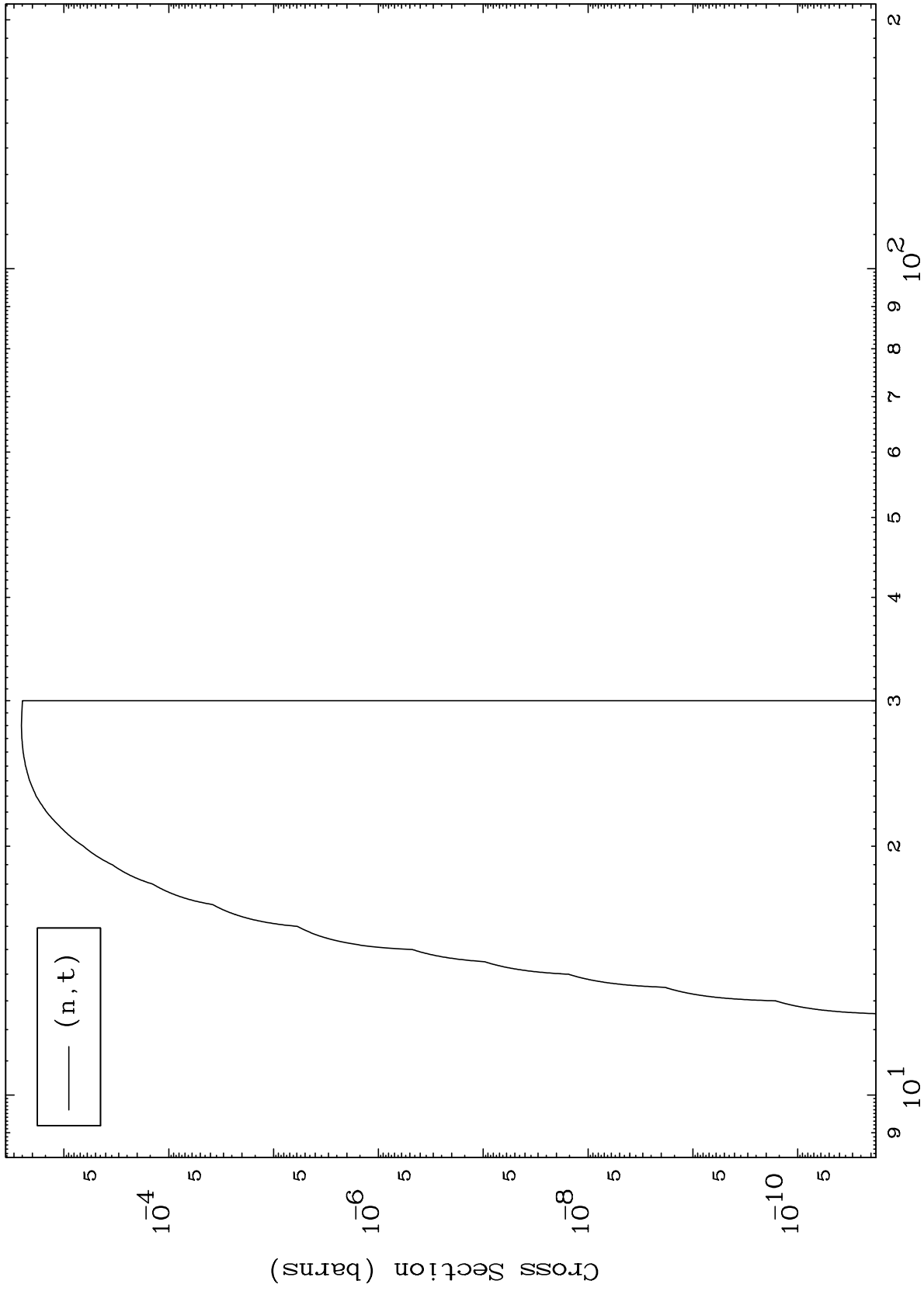
Incident Energy (MeV)

60-Nd-152

MAT 6055

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-152



12

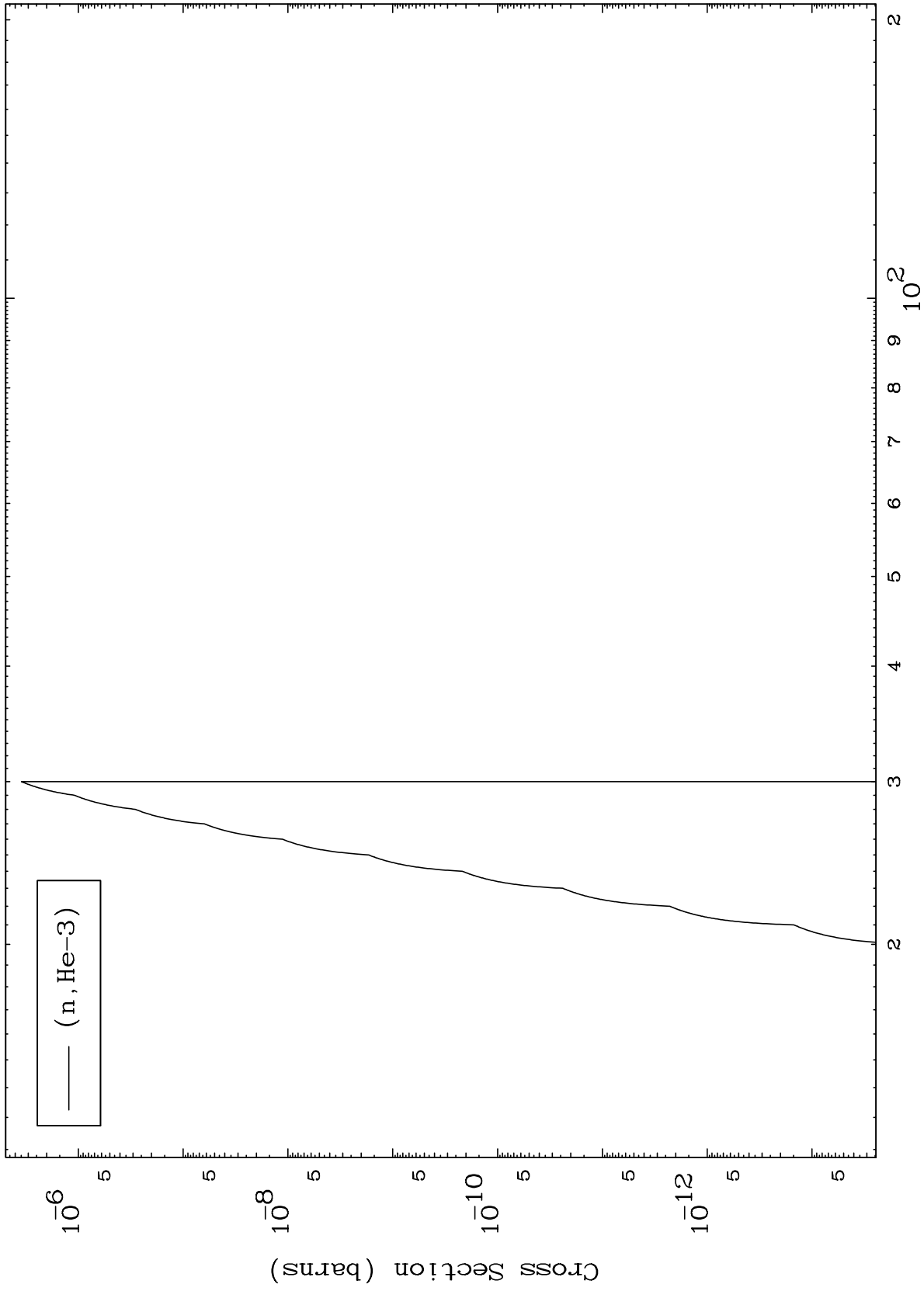
Incident Energy (MeV)

60-Nd-152

MAT 6055

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-152



13

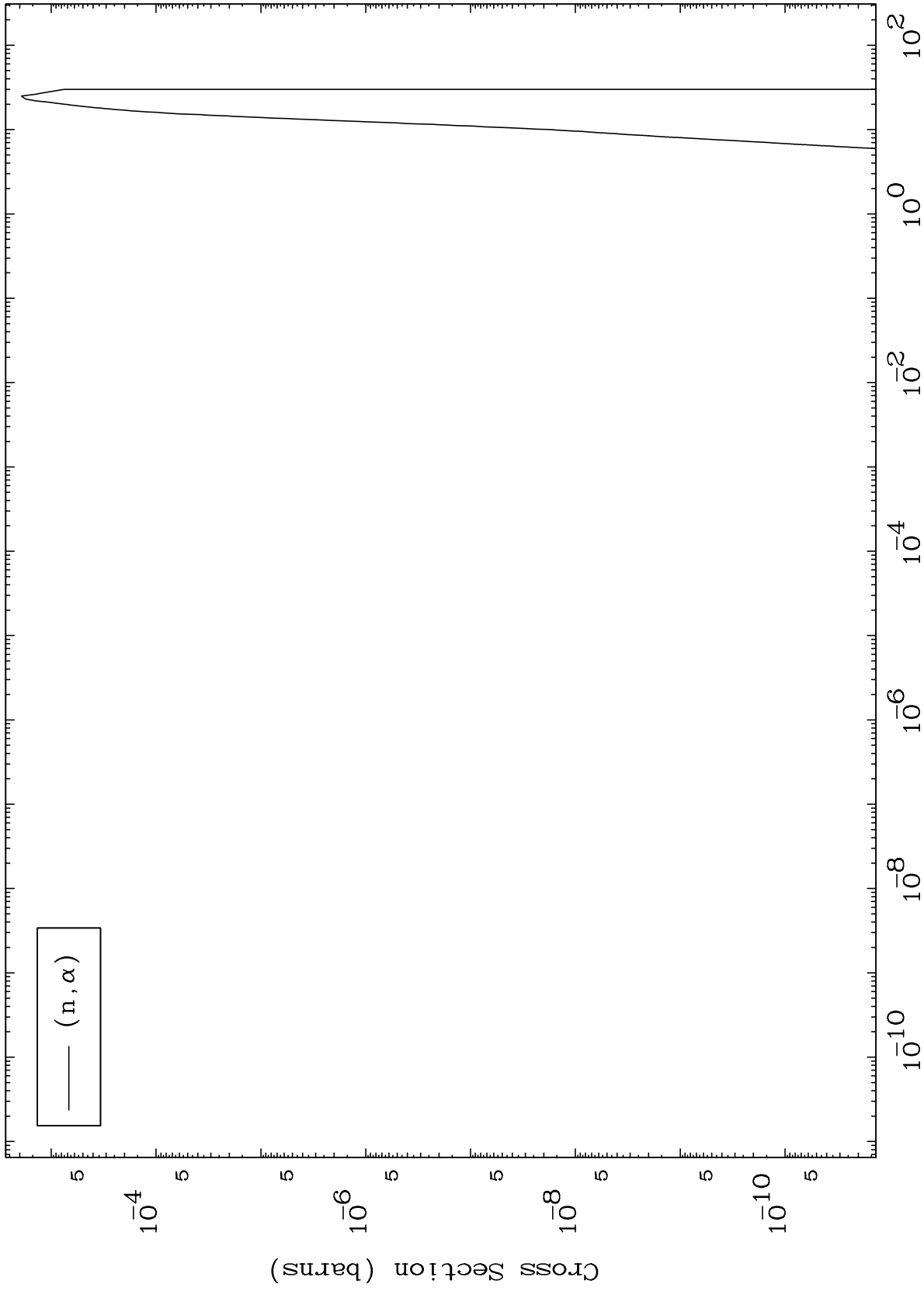
Incident Energy (MeV)

60-Nd-152

MAT 6055

(n,α) Levels
293 Kelvin Cross Sections

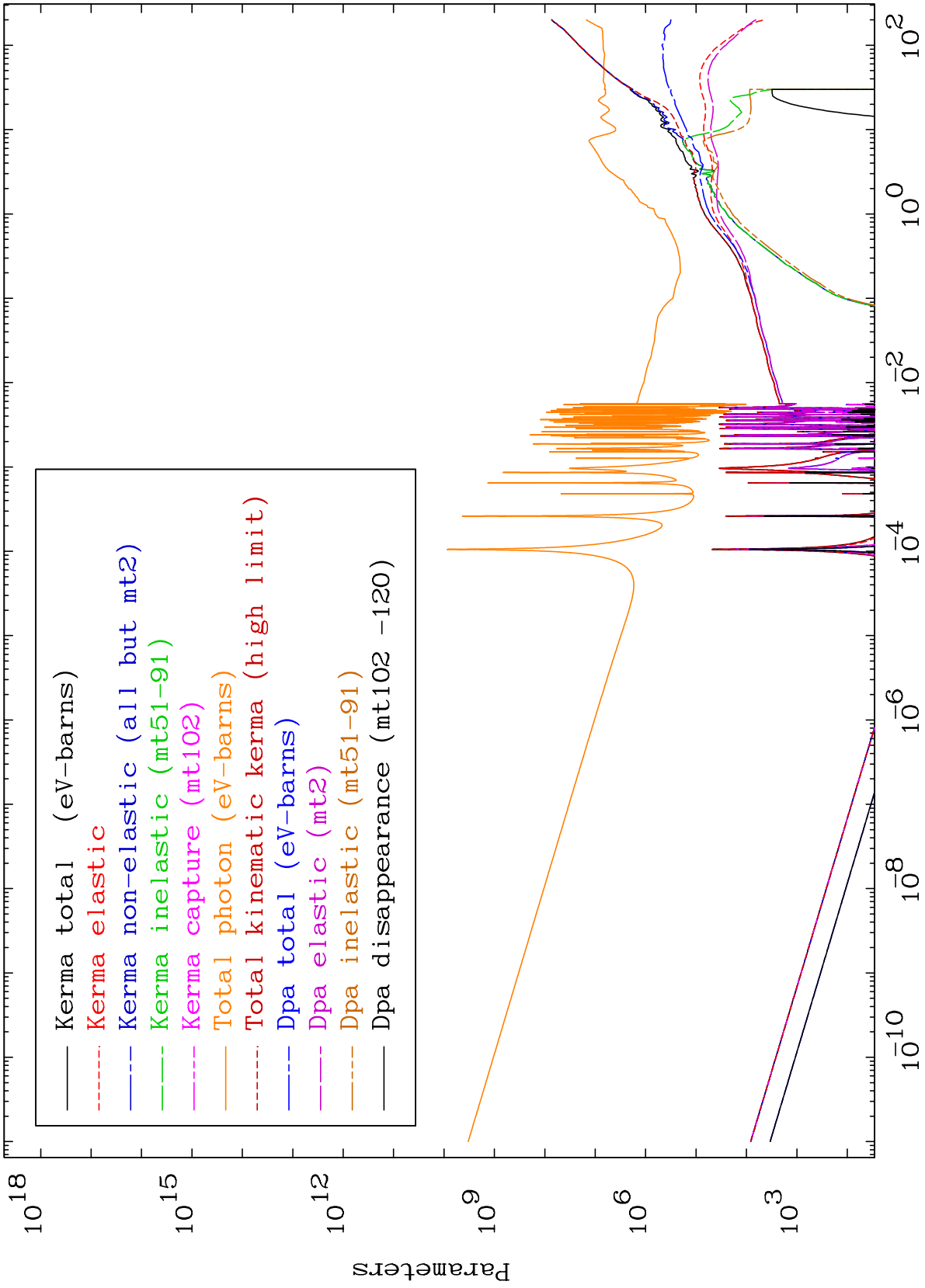
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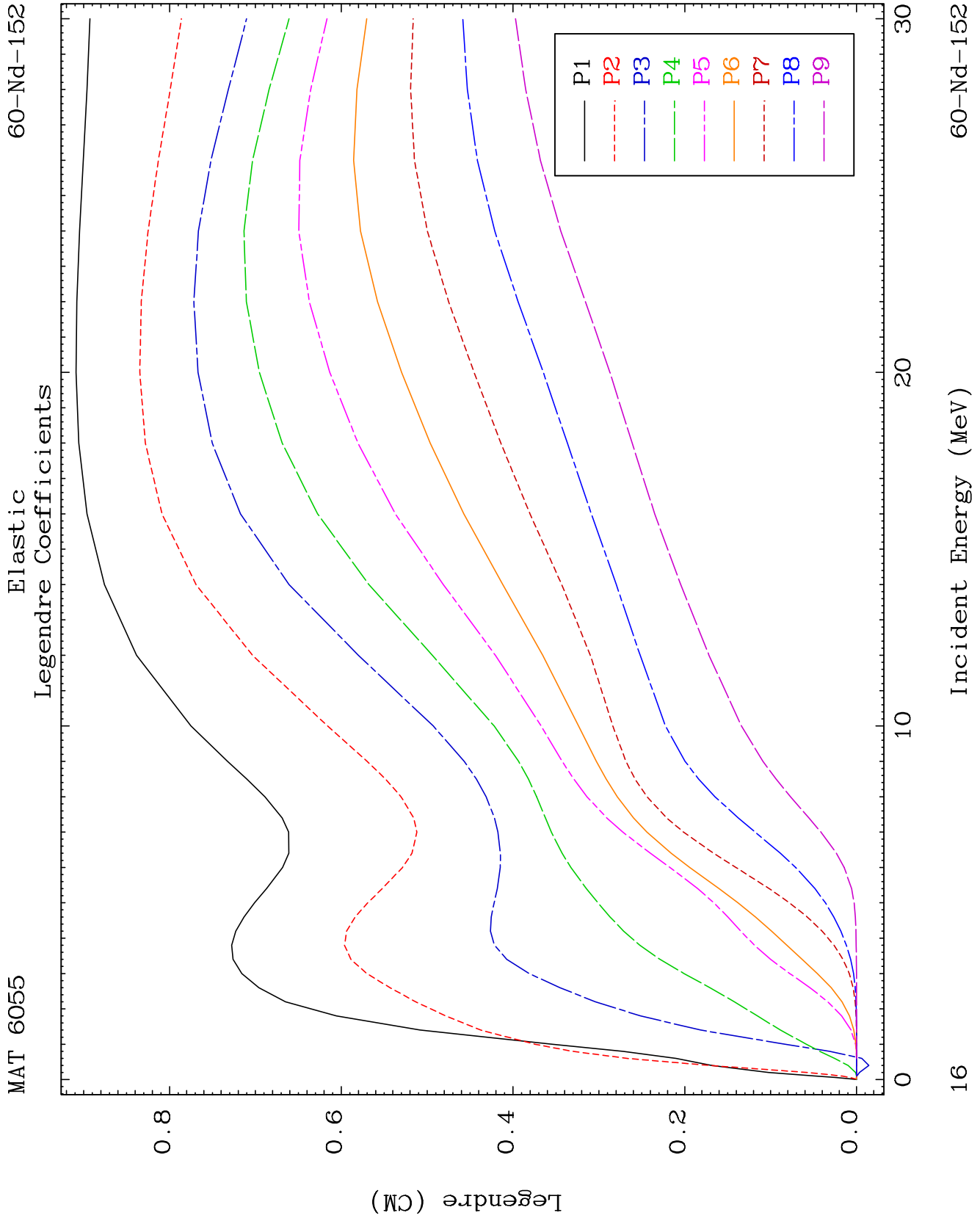


14

Incident Energy (MeV)

60-Nd-152

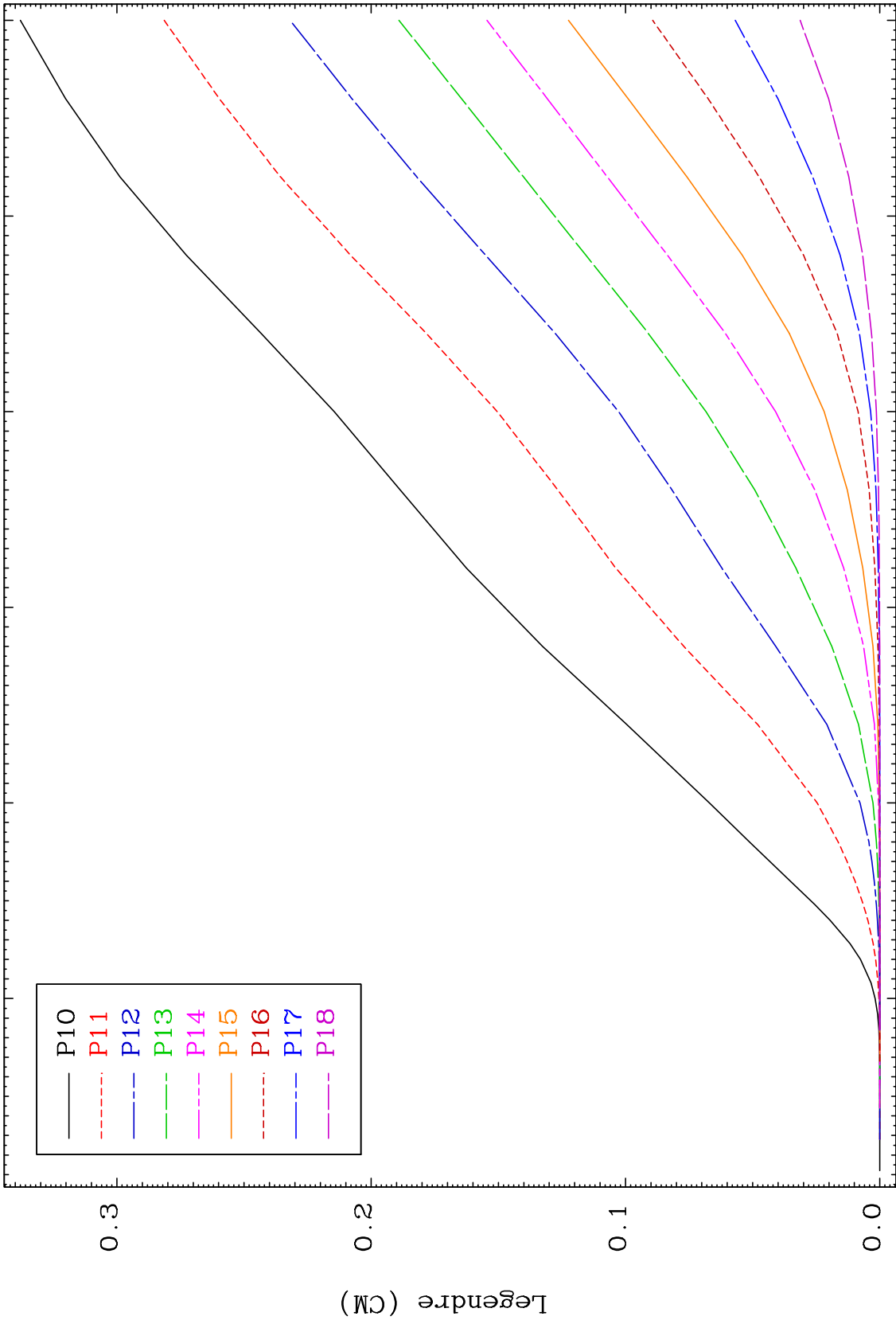




MAT 6055

Elastic Legendre Coefficients

60-Nd-152



17

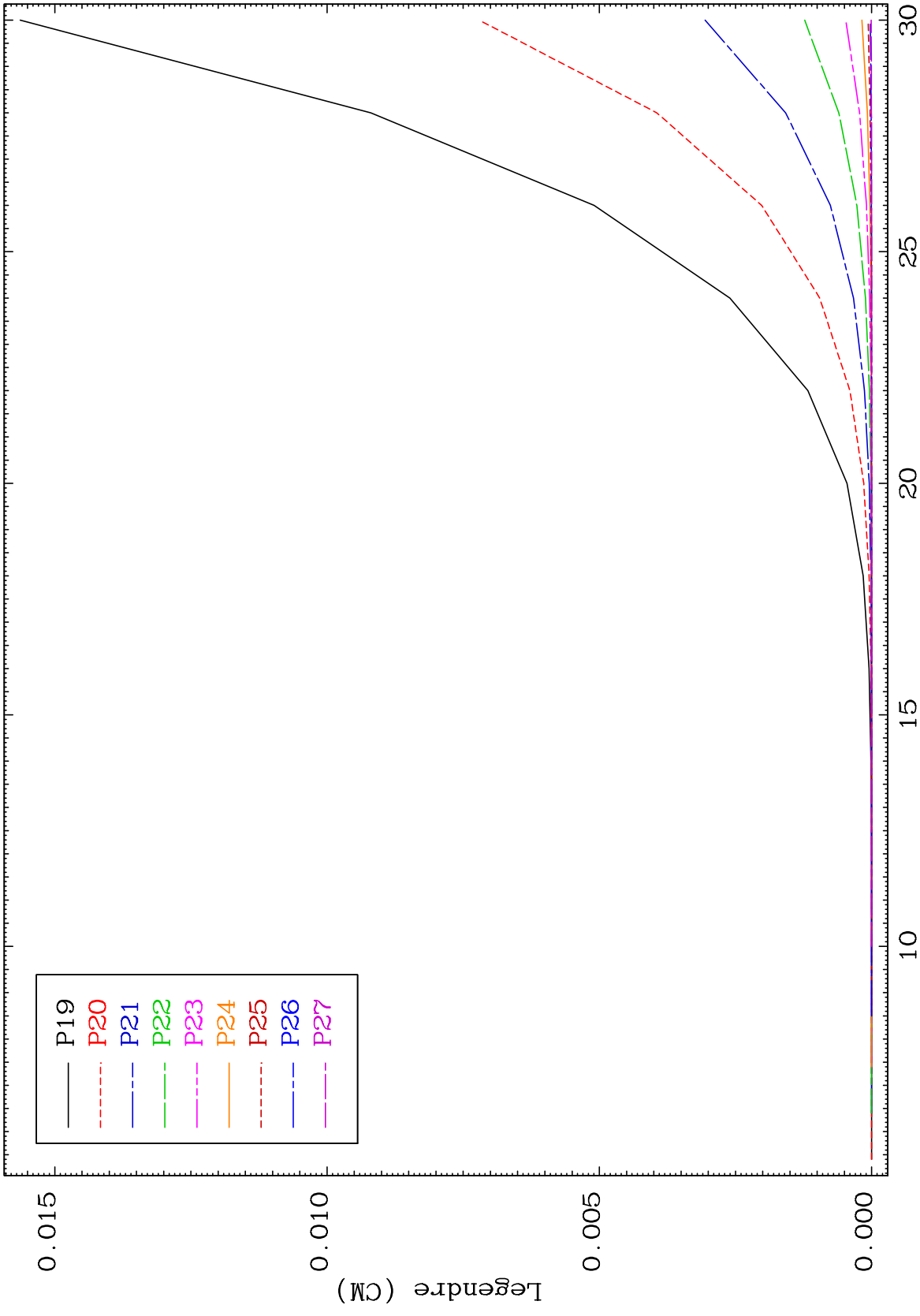
Incident Energy (MeV)

60-Nd-152

MAT 6055

Elastic Legendre Coefficients

60-Nd-152



18

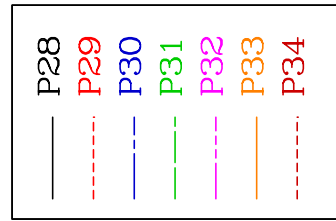
Incident Energy (MeV)

60-Nd-152

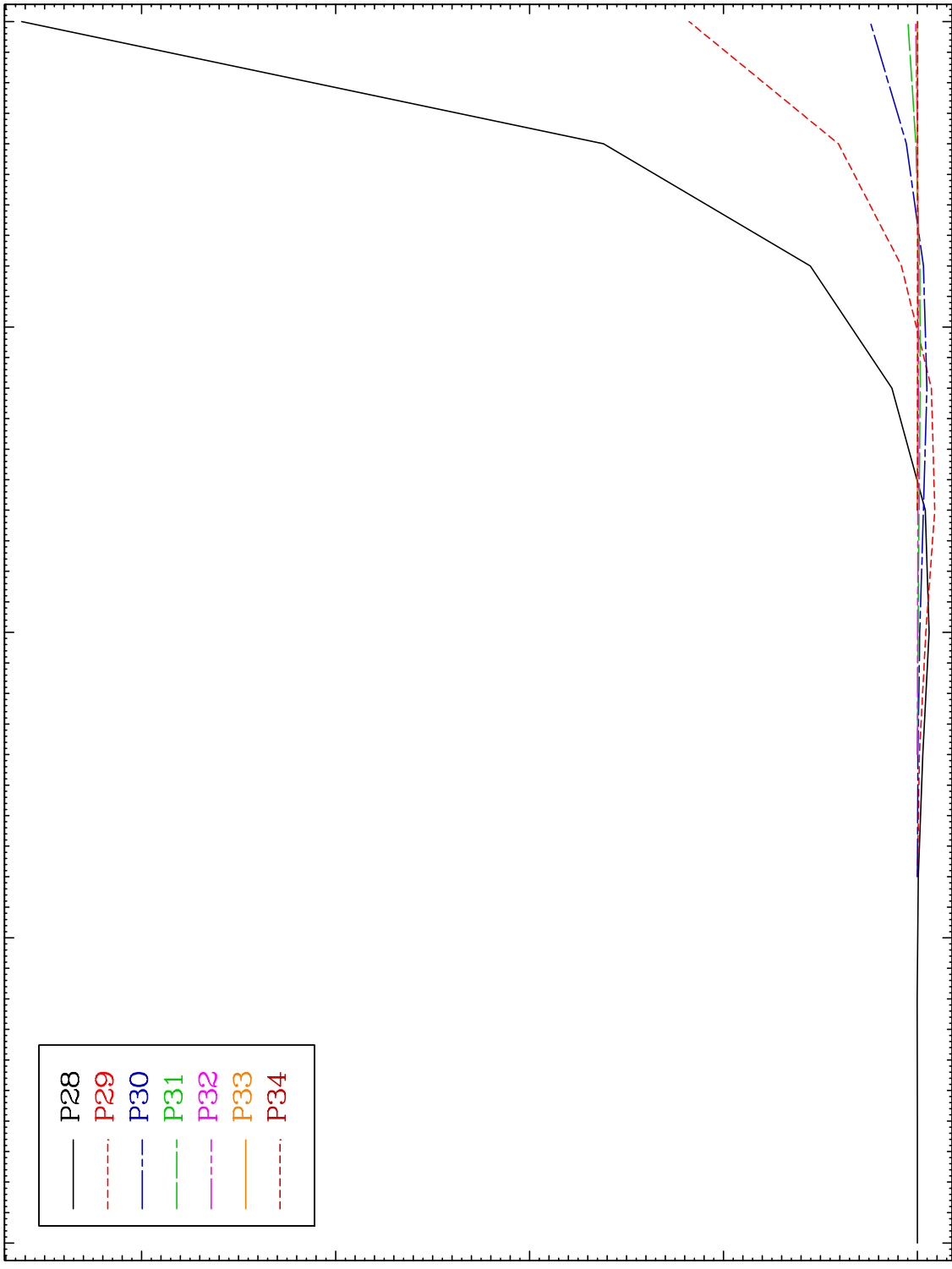
MAT 6055

Elastic Legendre Coefficients

60-Nd-152



$\times 10^{-6}$
Legendre (CM)
1.5
1.0
0.5
0.0

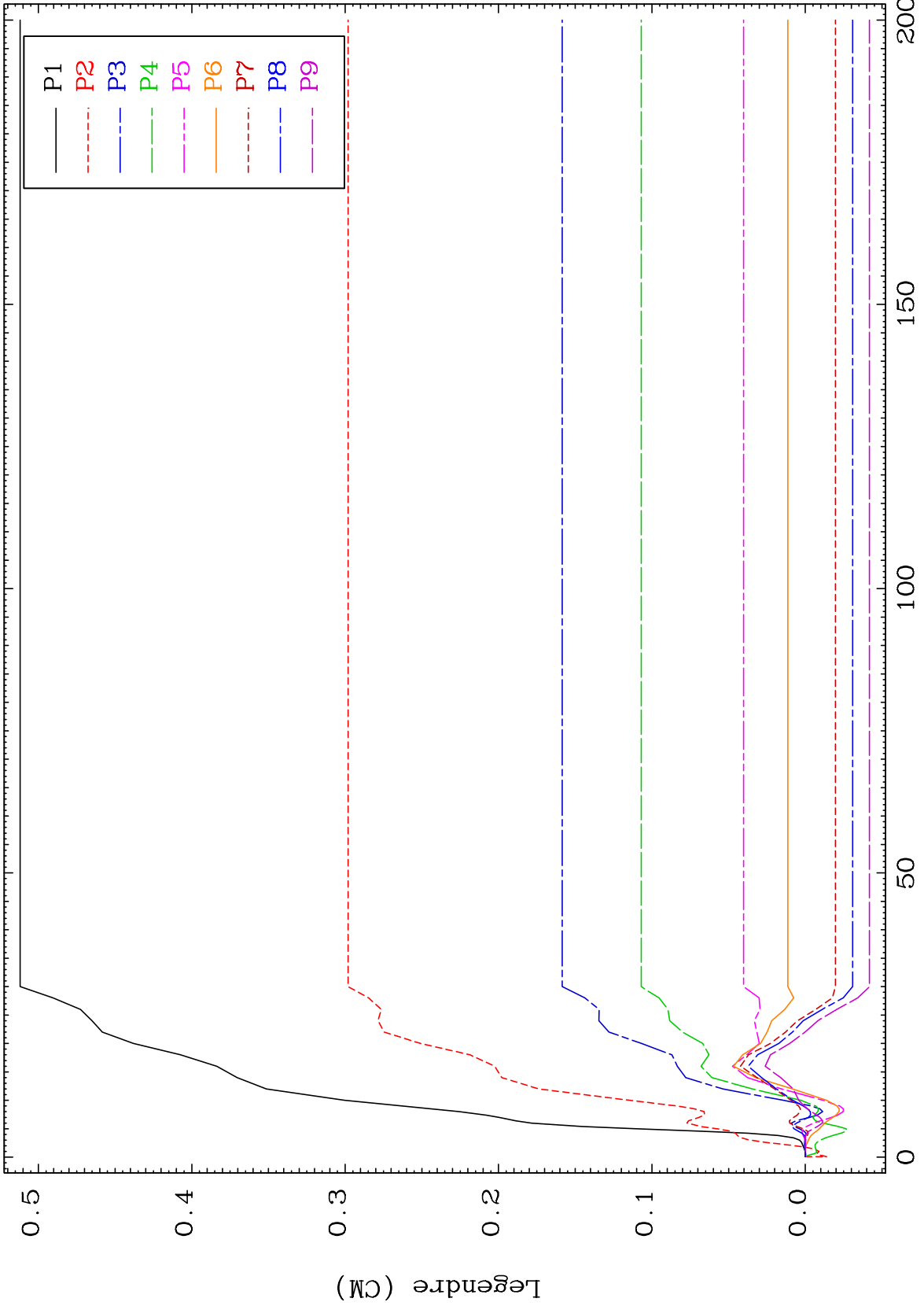


19

Incident Energy (MeV)

60-Nd-152

MAT 6055 MT= 51 (n,n') Level Legendre Coefficients 60-Nd-152

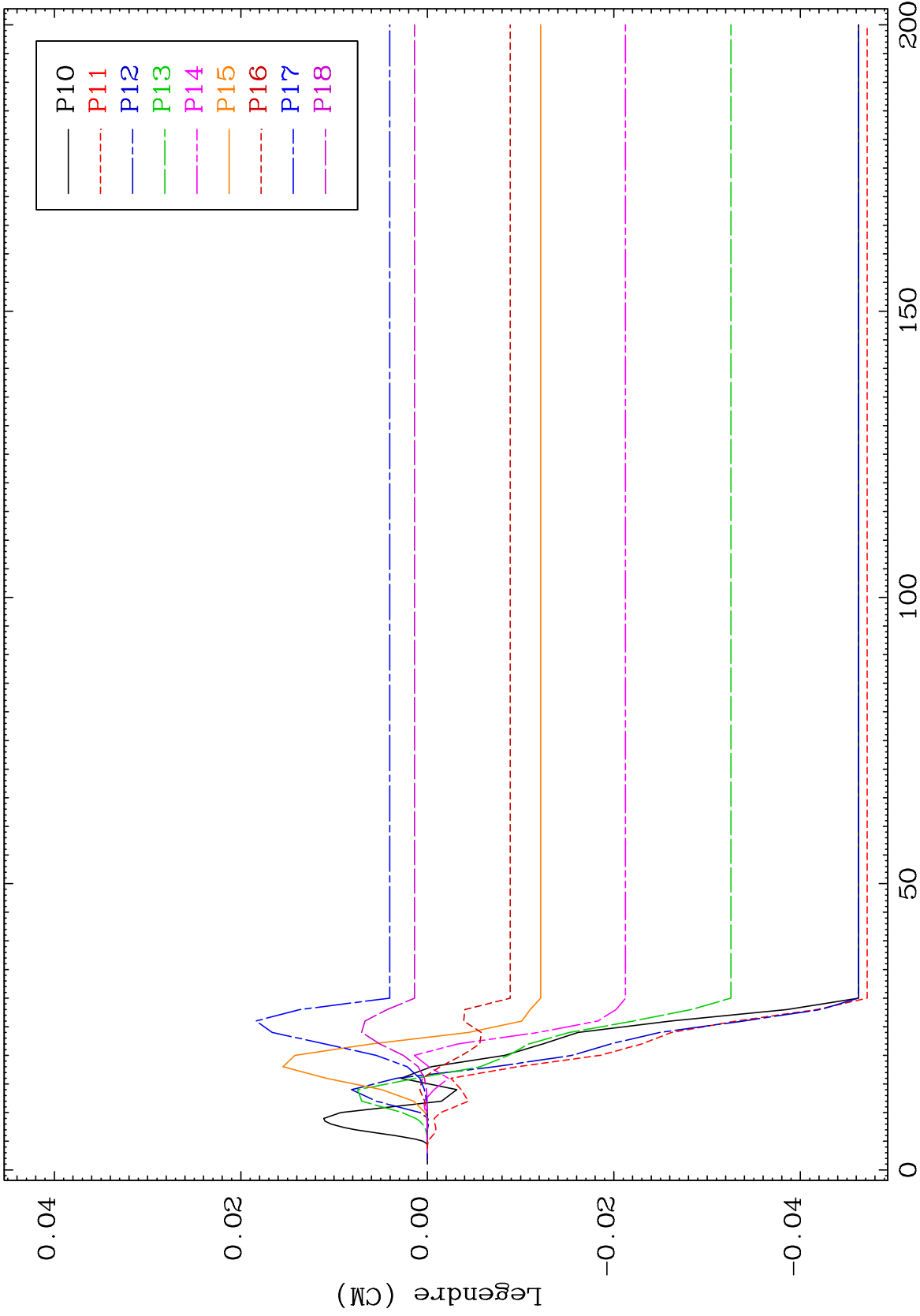


60-Nd-152

MAT 6055

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

60-Nd-152



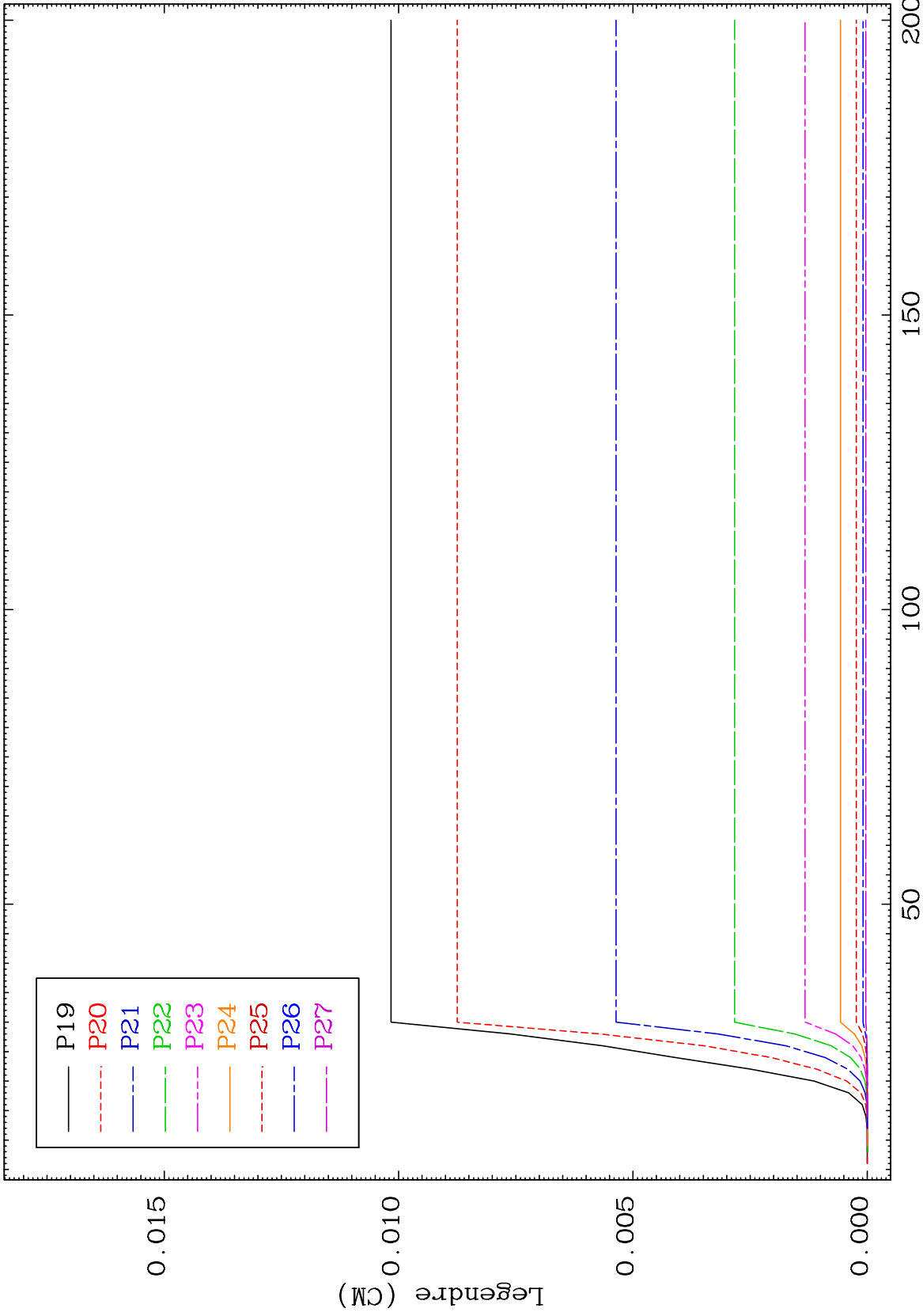
21

60-Nd-152

MAT 6055

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

60-Nd-152



22

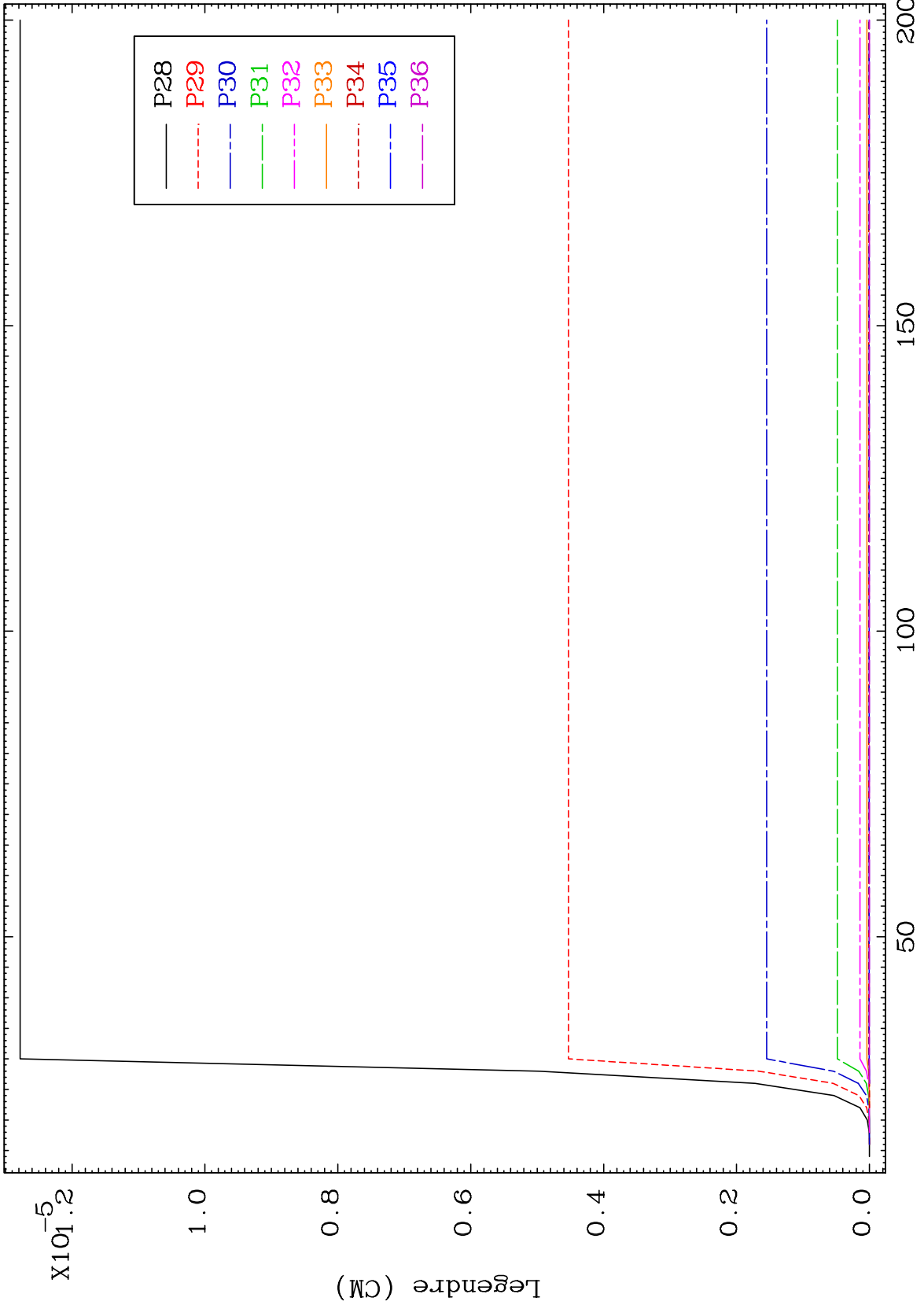
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

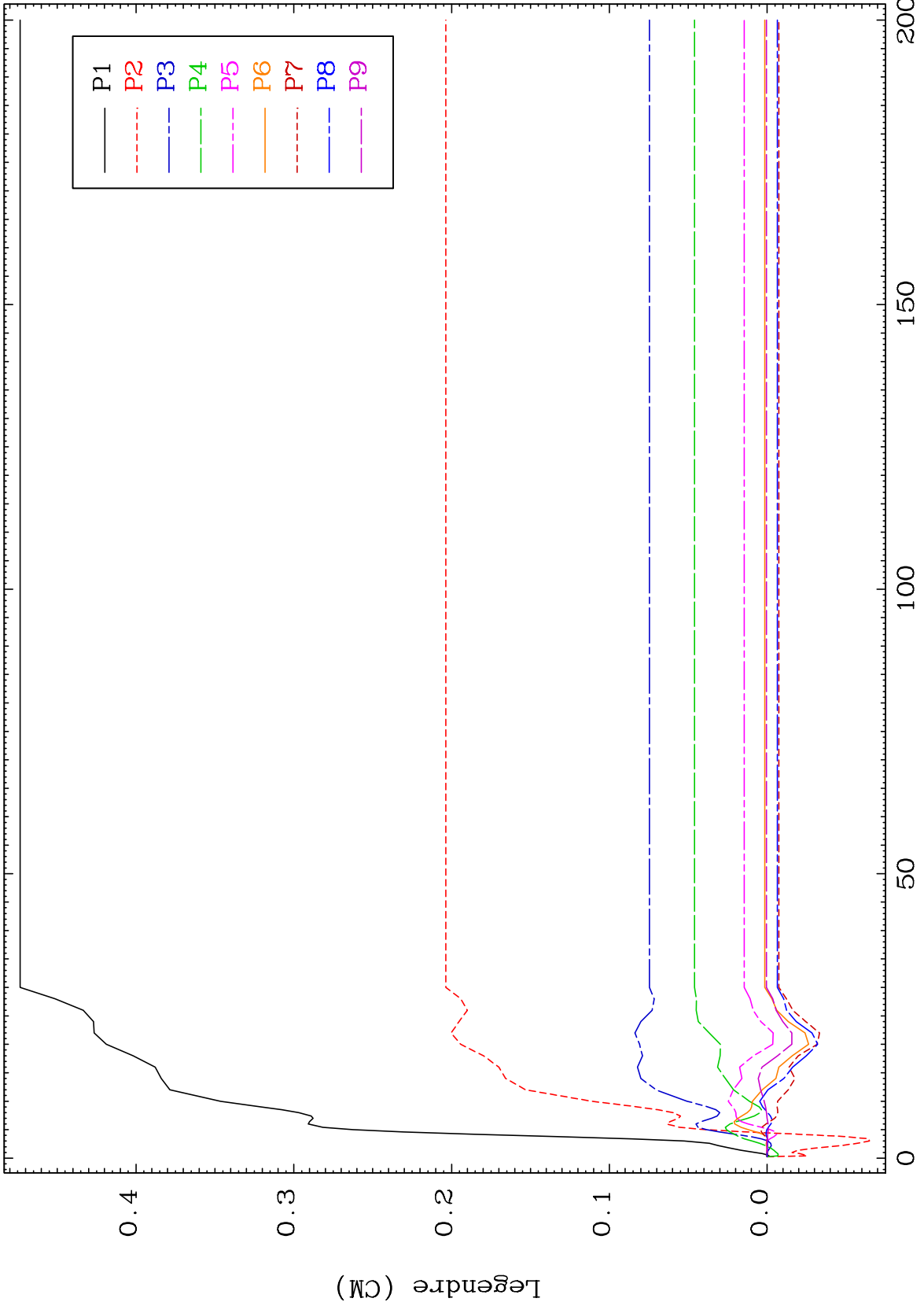
60-Nd-152



23

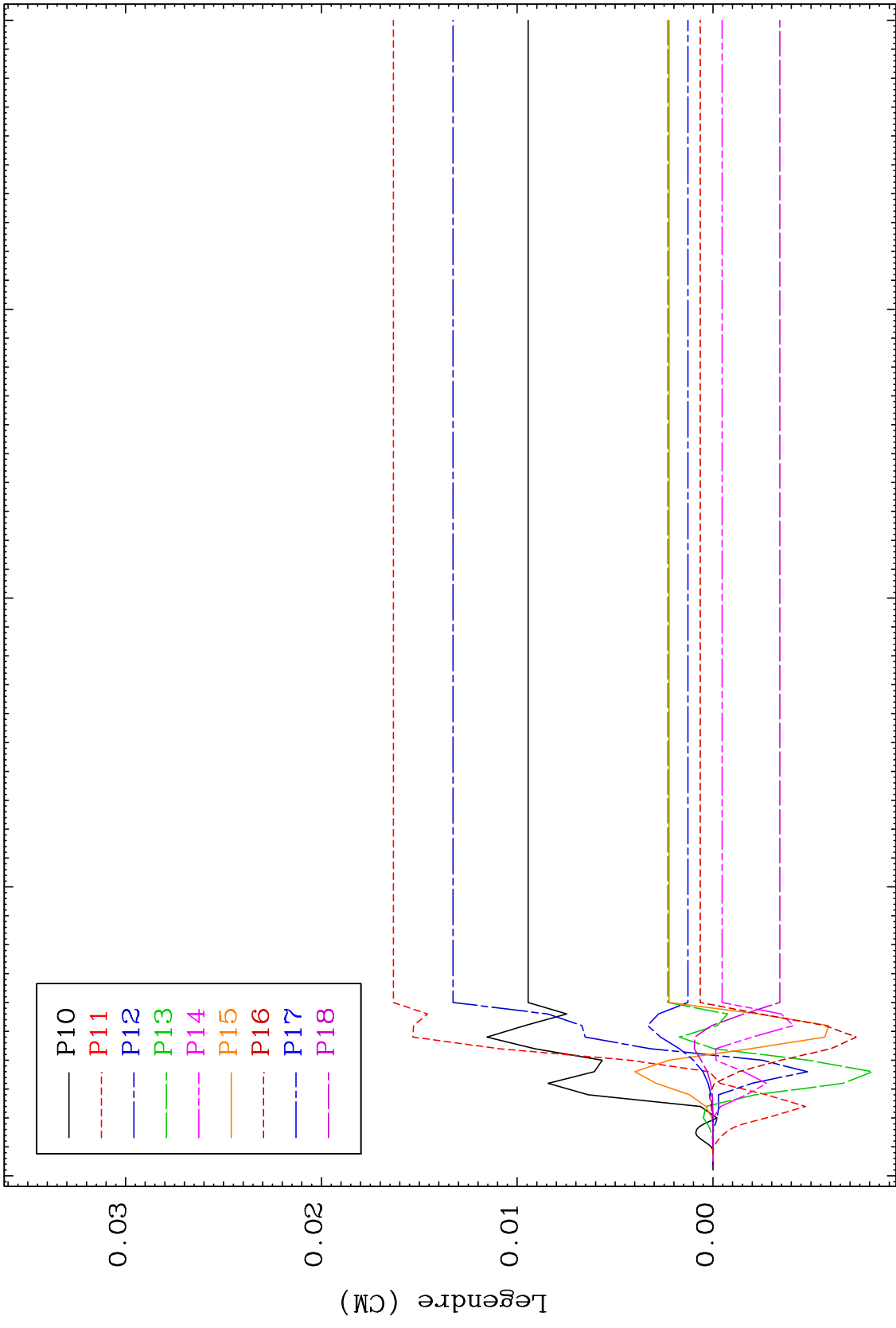
60-Nd-152

MAT 6055 MT= 52 (n,n') Level Legendre Coefficients 60-Nd-152



24 Incident Energy (MeV) 60-Nd-152

MAT 6055 MT= 52 (n,n') Level Legendre Coefficients 60-Nd-152

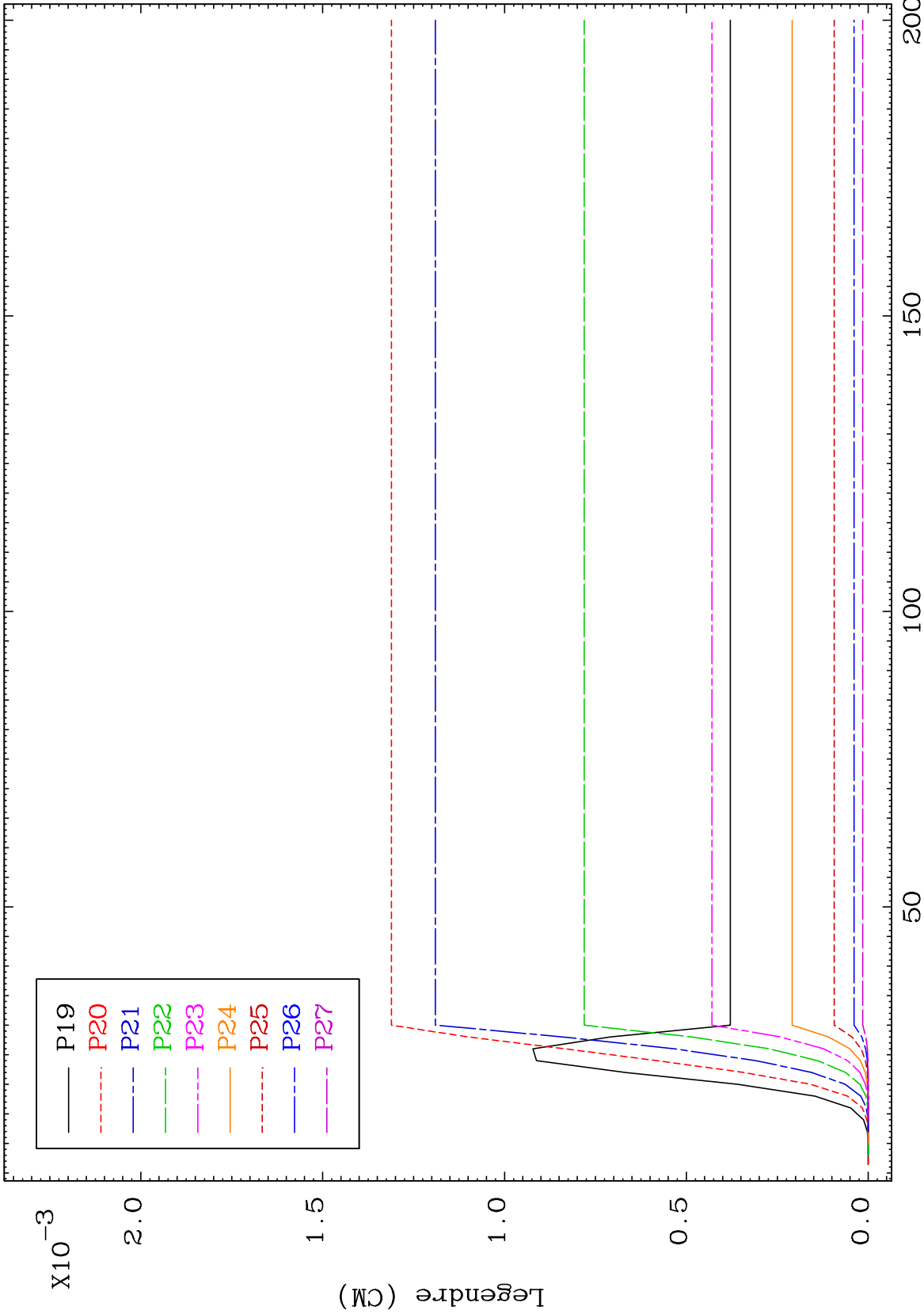


Legendre (CM) Incident Energy (MeV) 60-Nd-152

MAT 6055

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

60-Nd-152



26

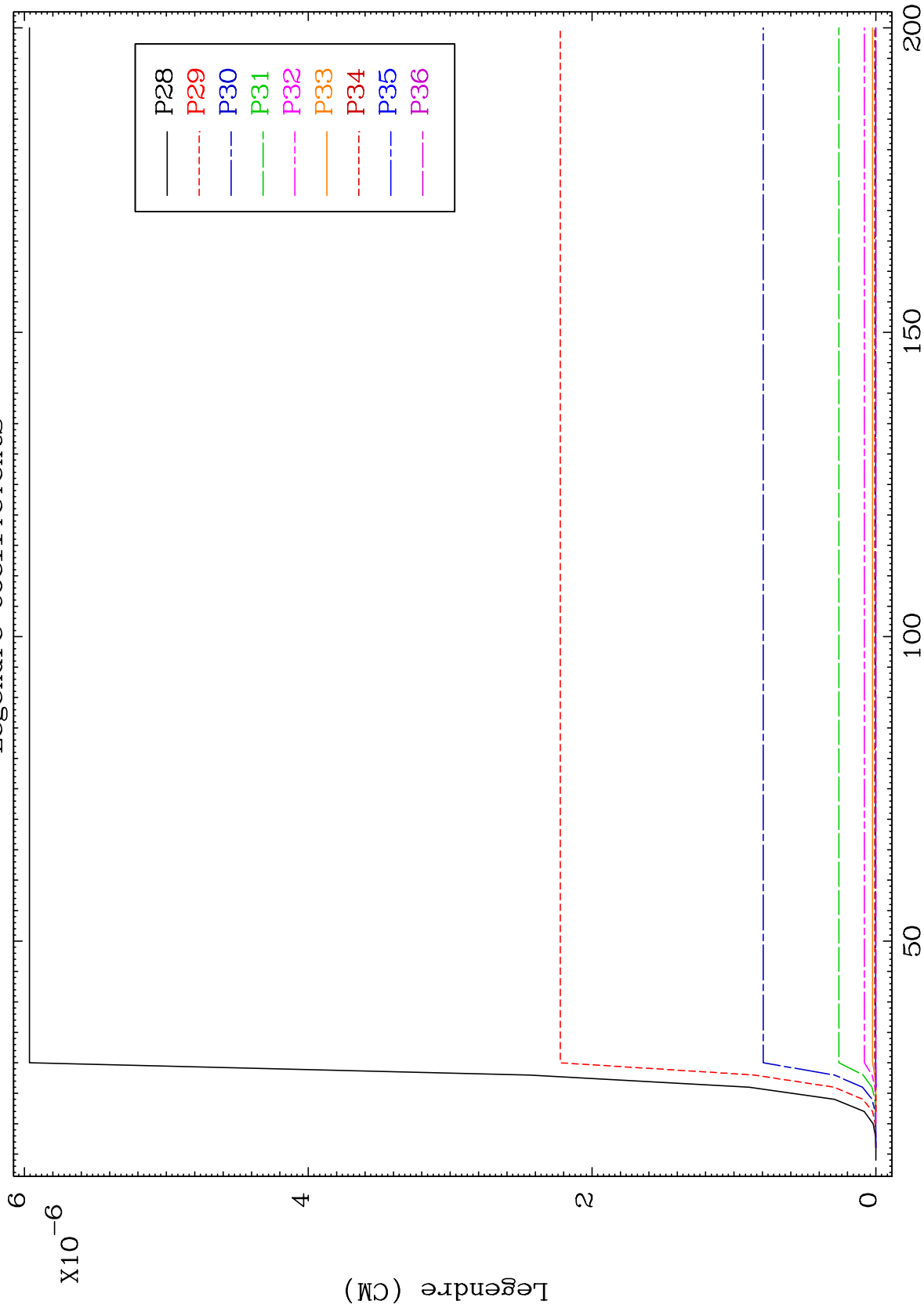
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



27

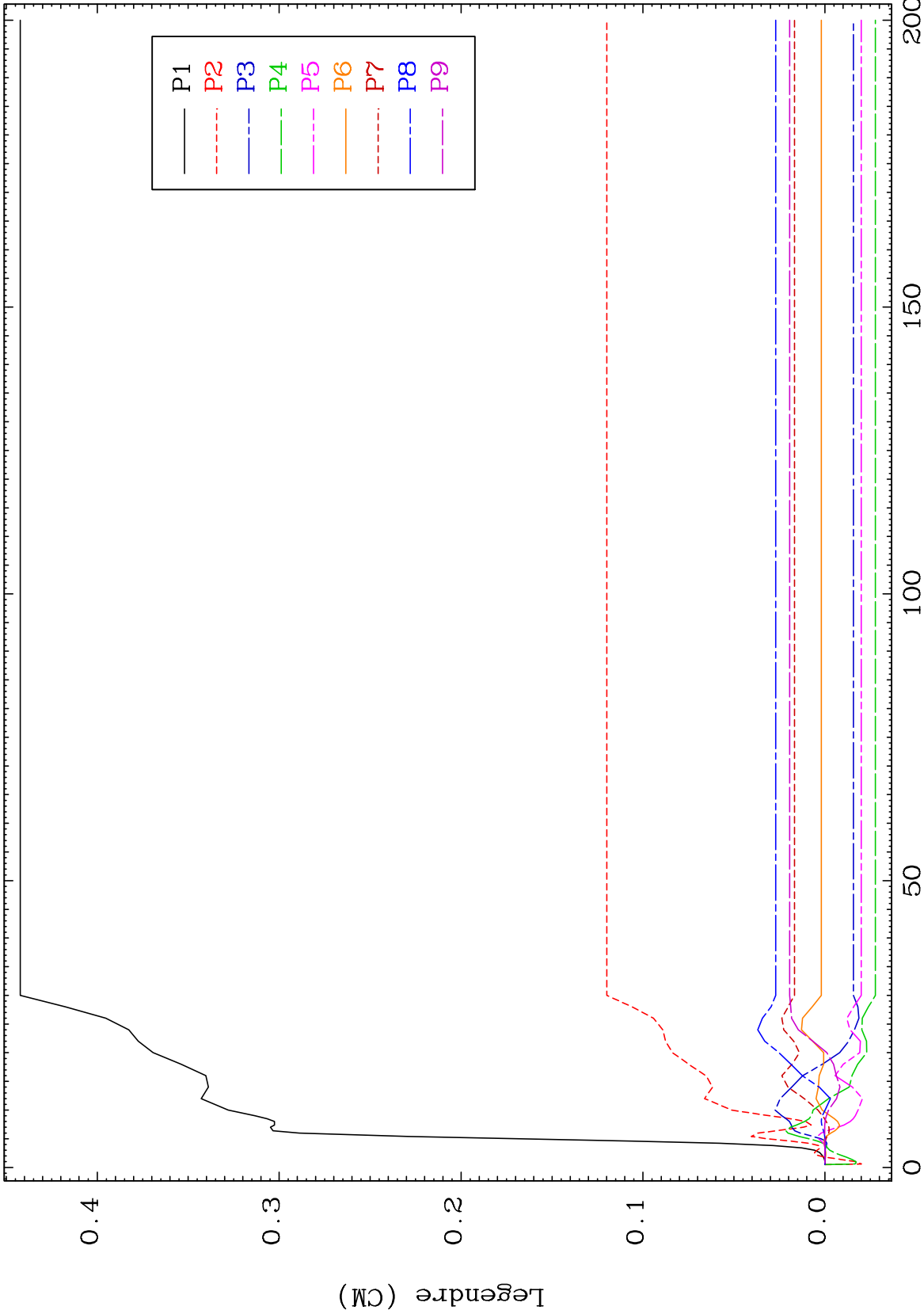
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



28

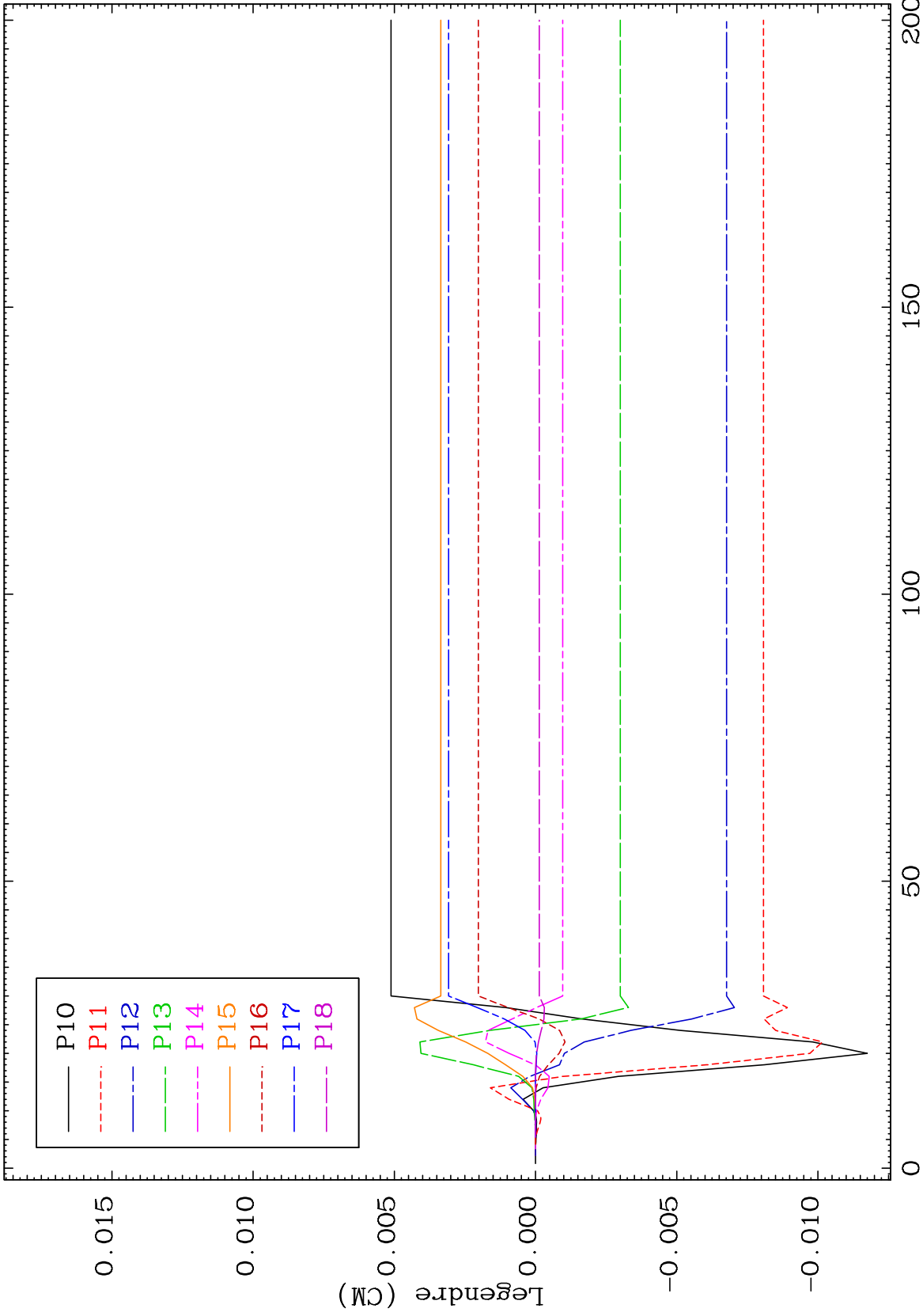
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



29

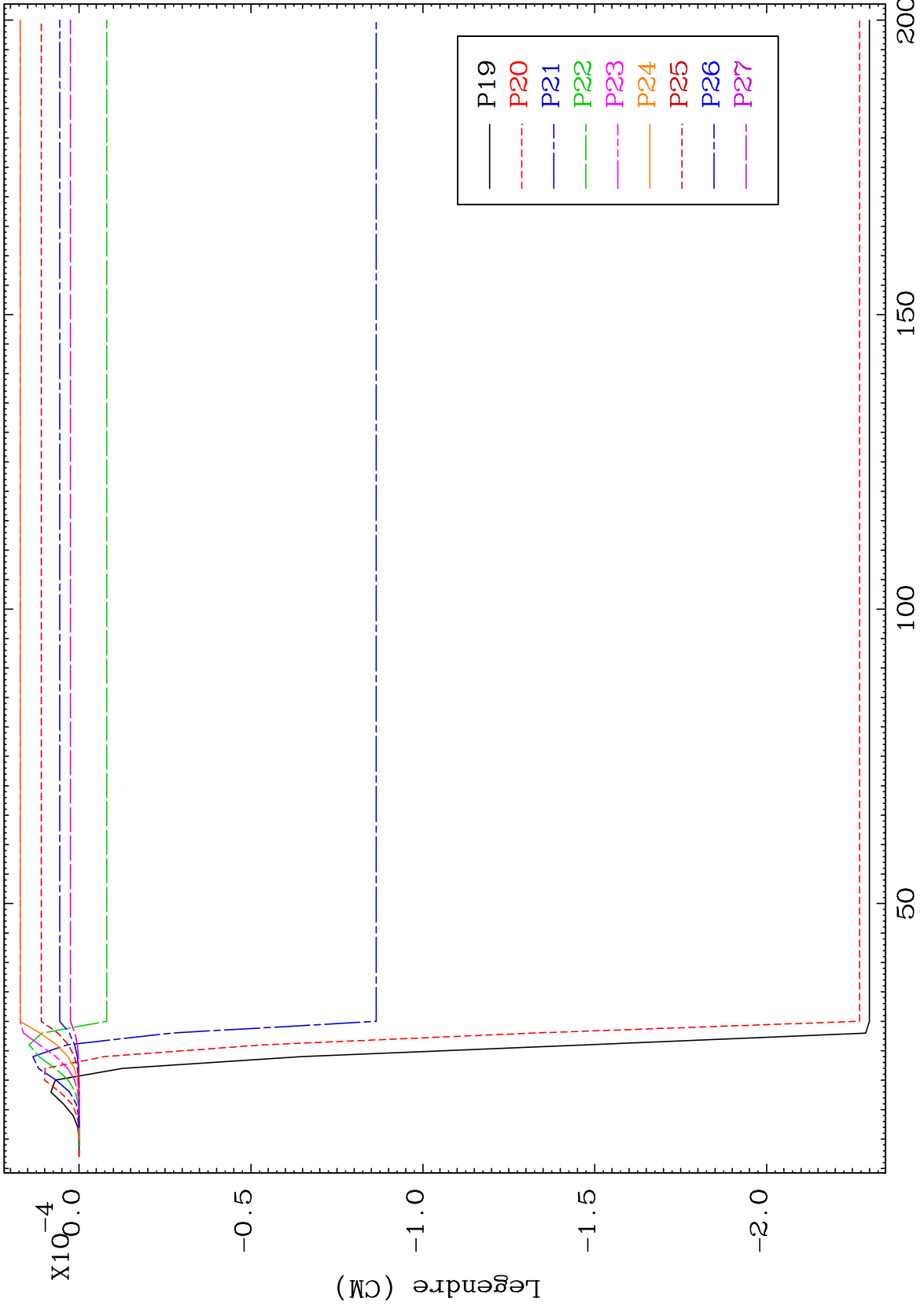
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



60-Nd-152

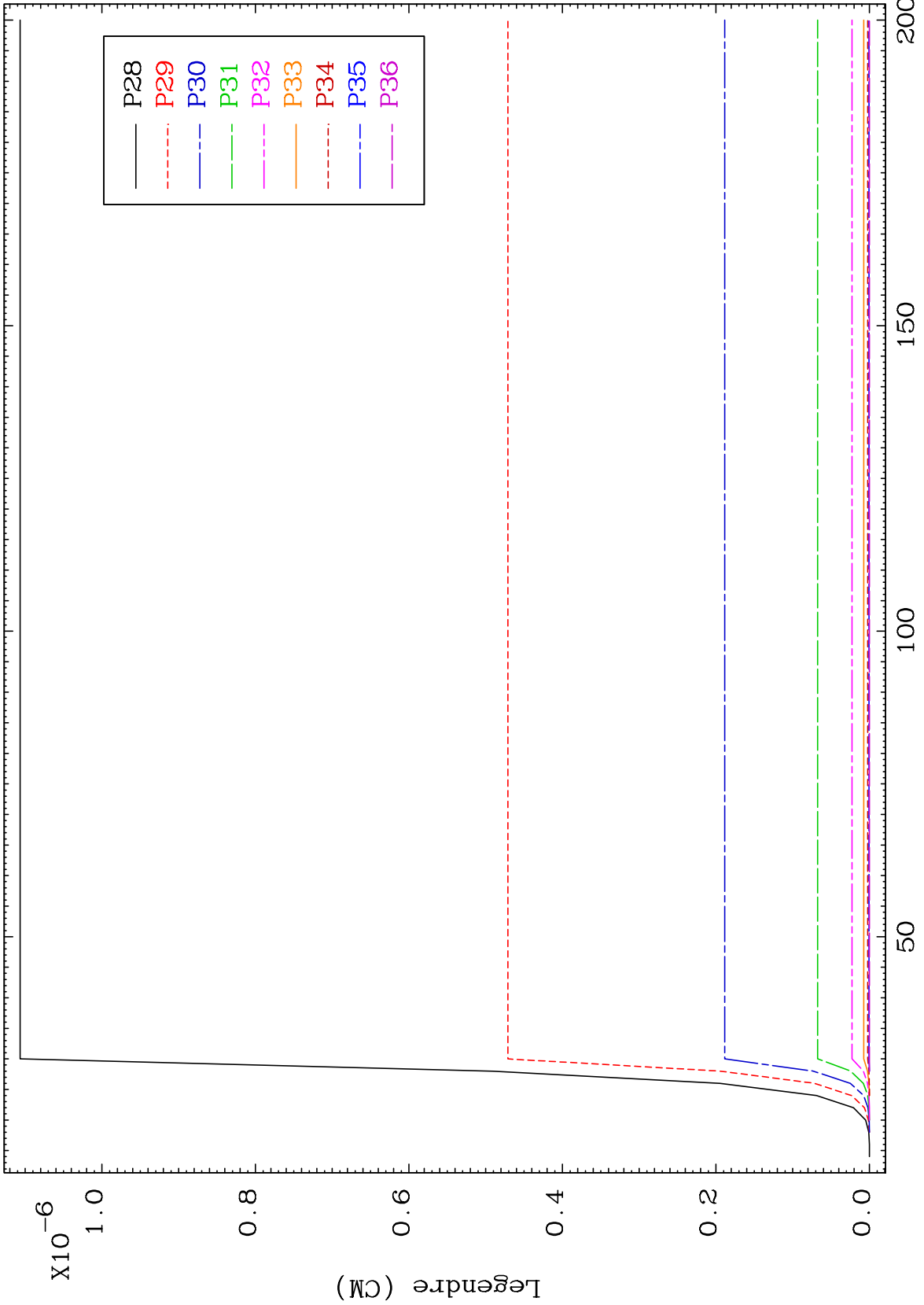
Incident Energy (MeV)

30

MAT 6055

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

60-Nd-152



31

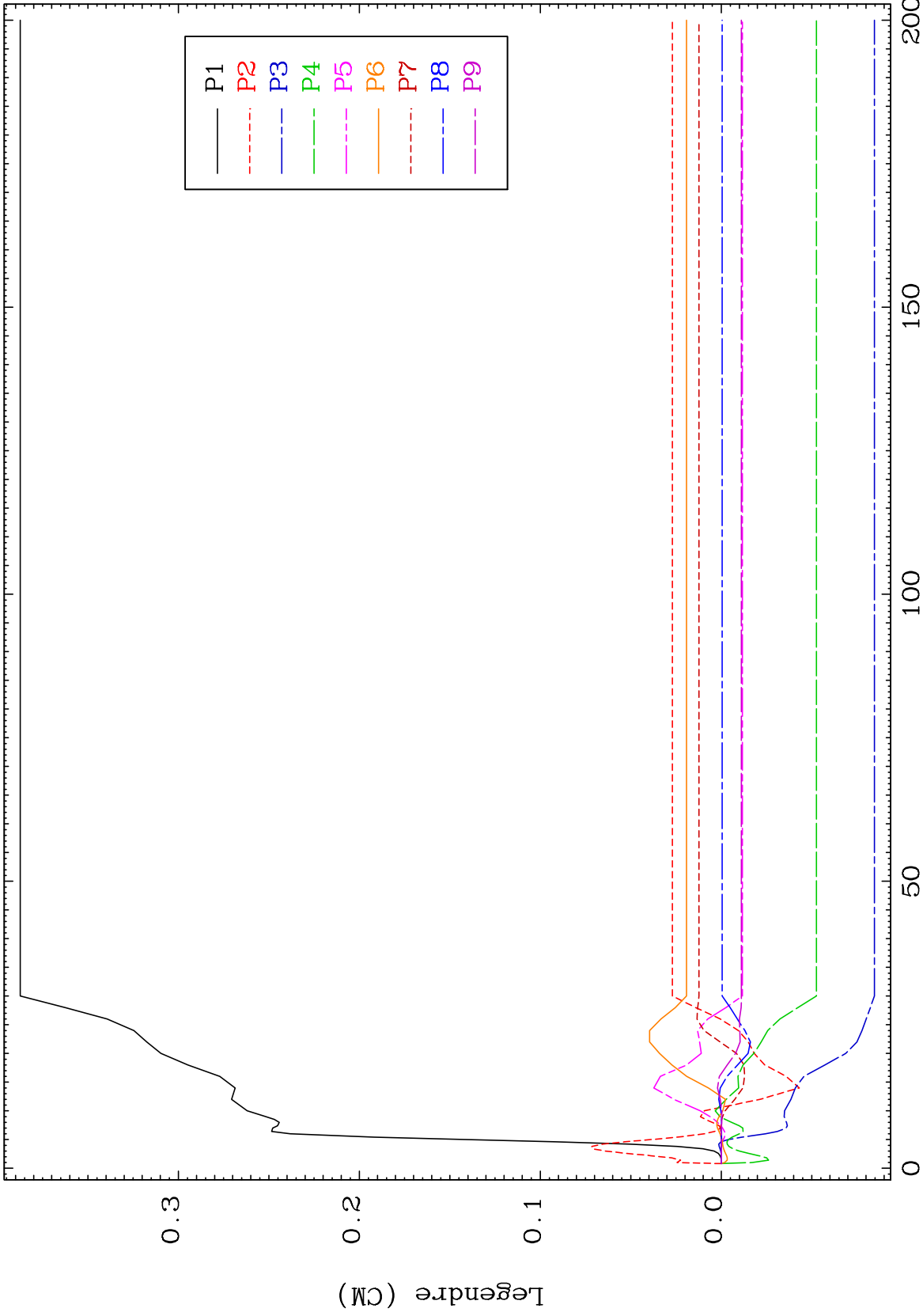
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



32

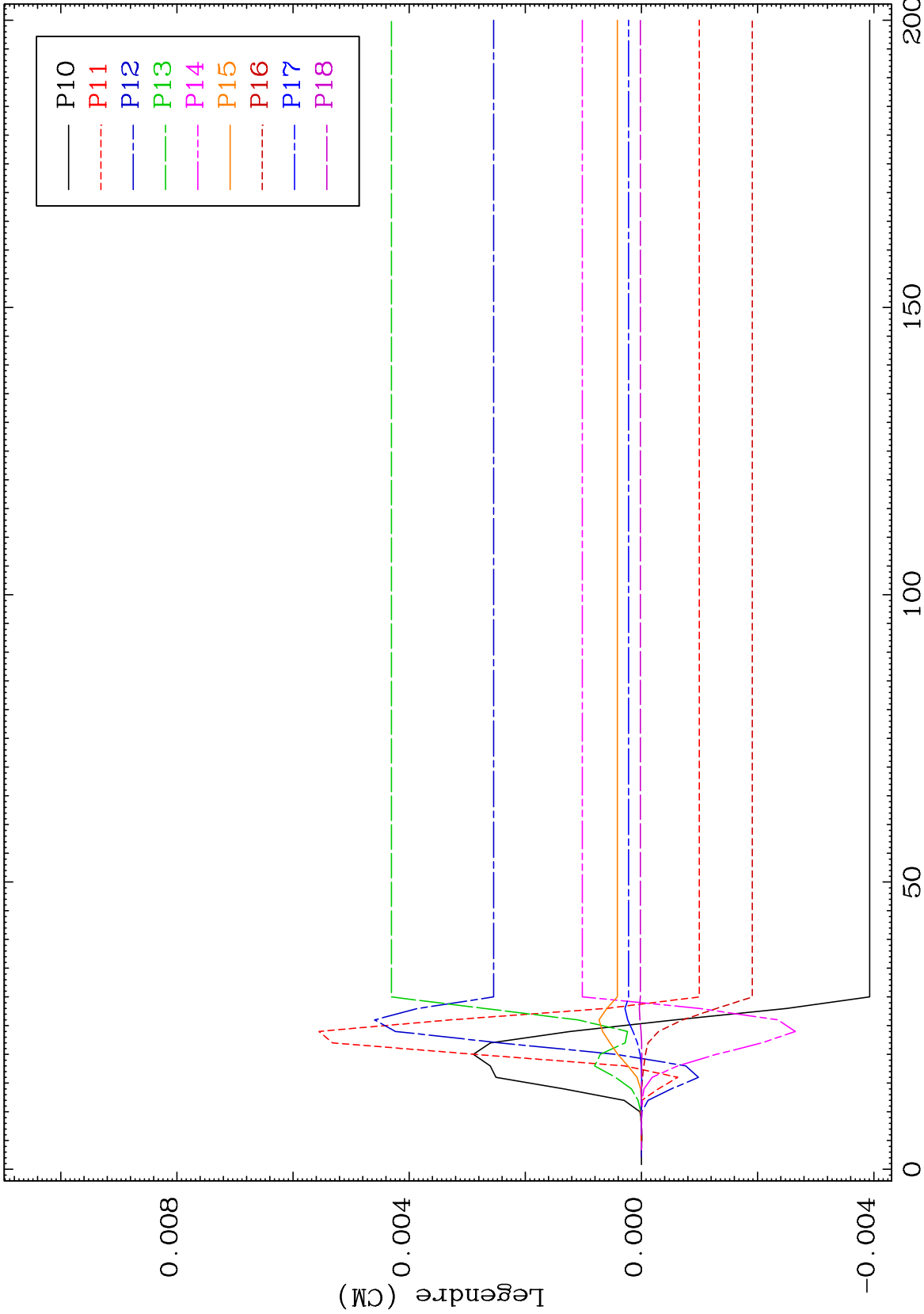
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152

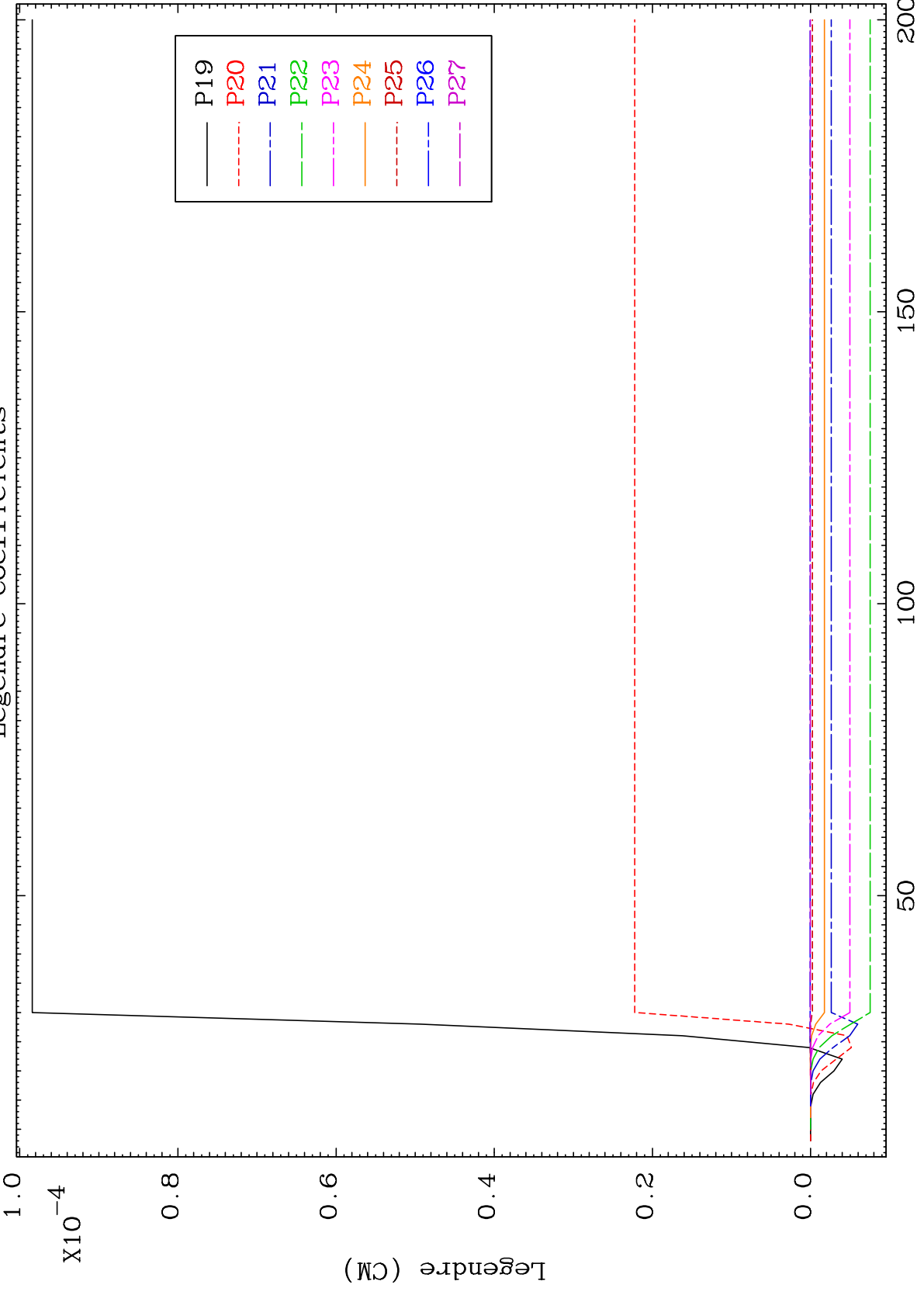


33

Incident Energy (MeV)

60-Nd-152

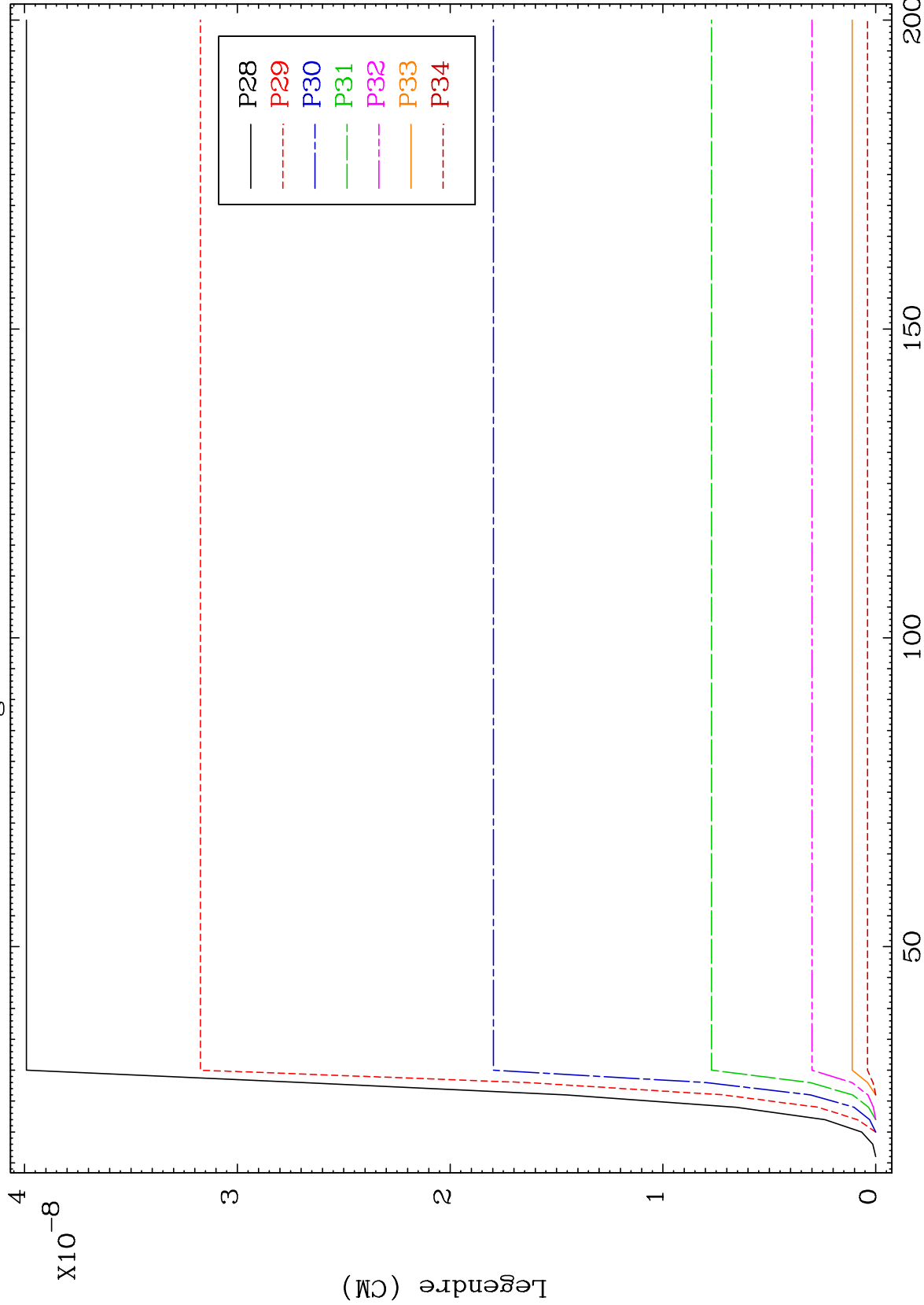
MAT 6055 MT= 54 (n,n') Level Legendre Coefficients 60-Nd-152



MAT 6055

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

60-Nd-152

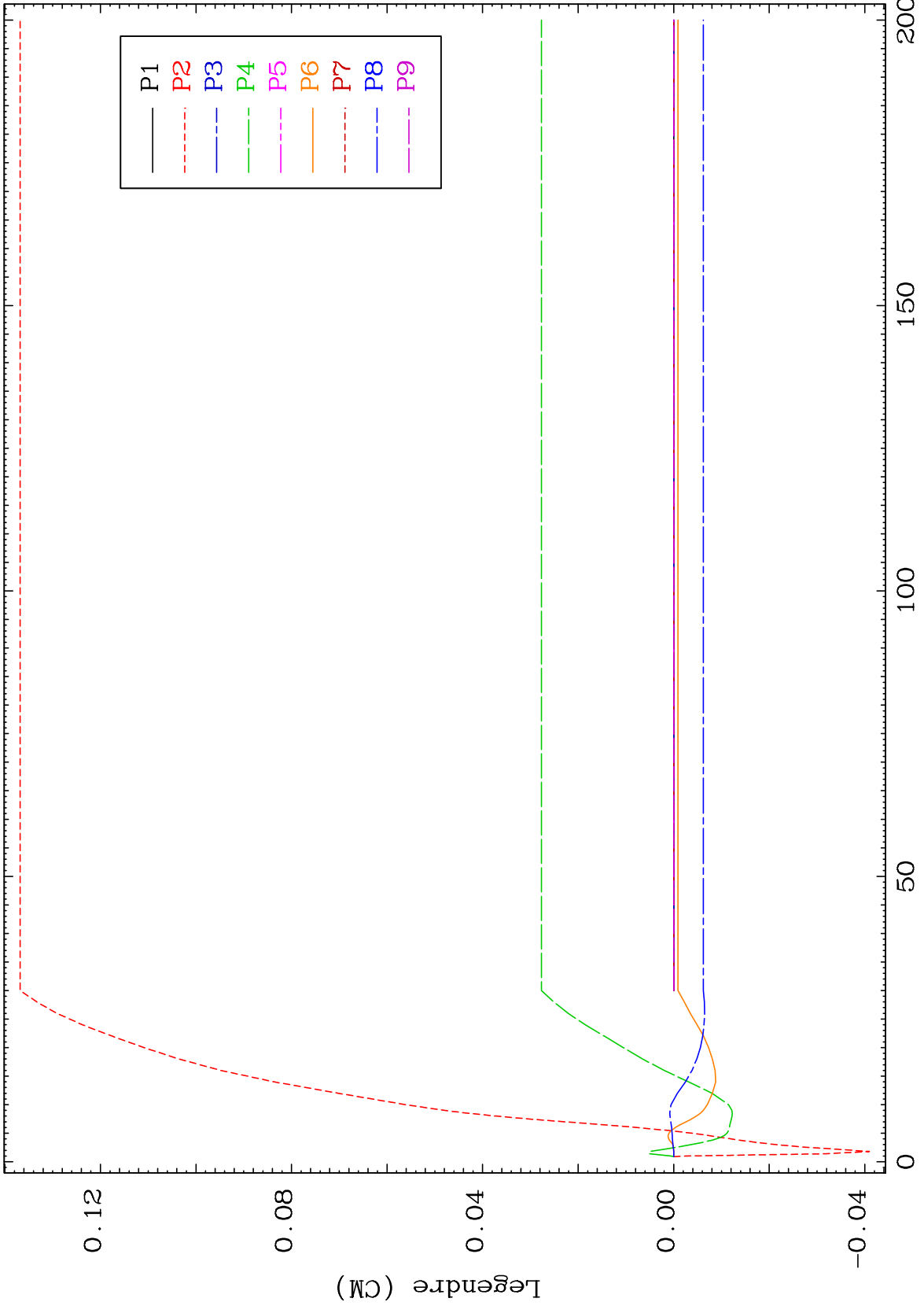


35

Incident Energy (MeV)

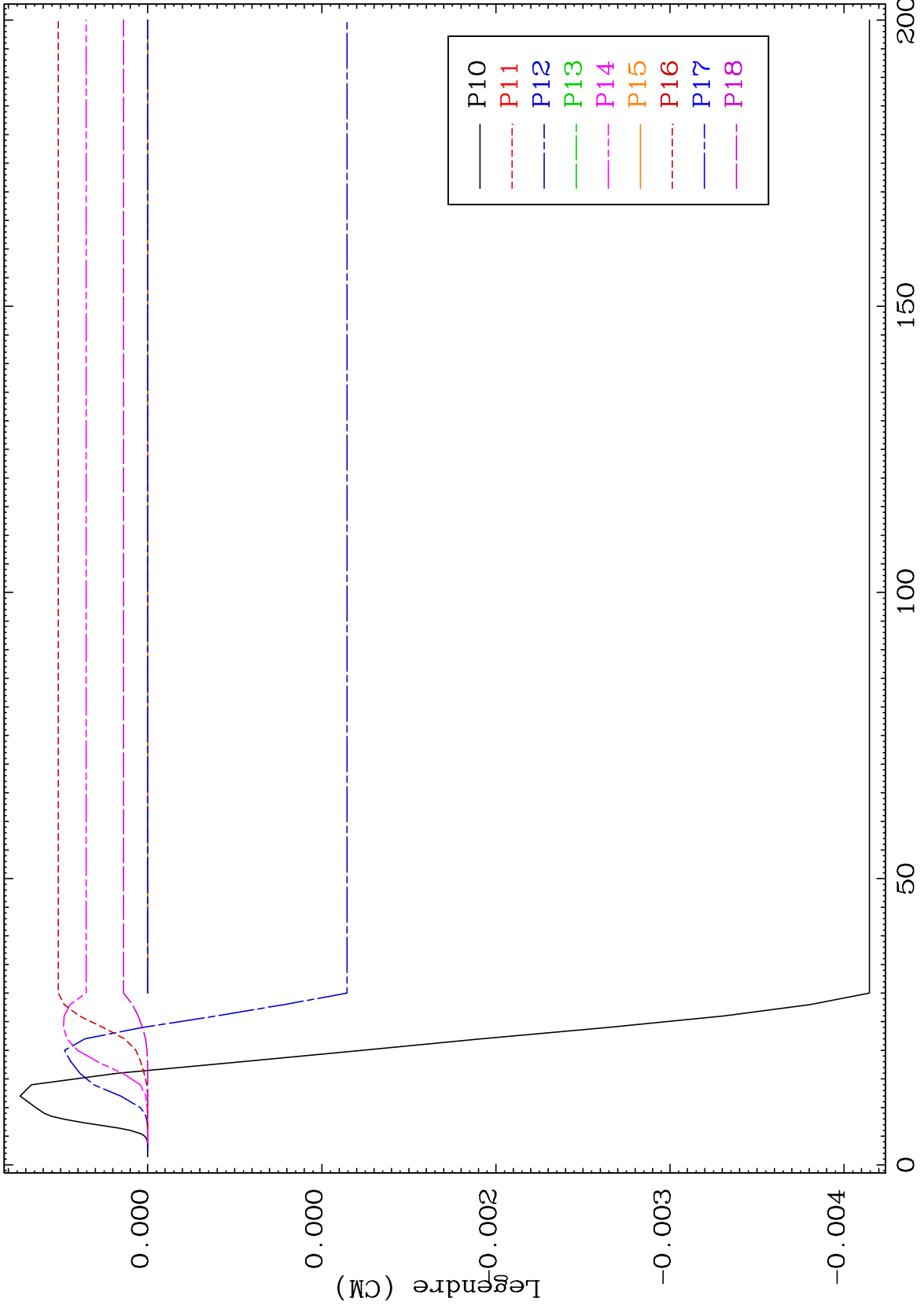
60-Nd-152

MAT 6055 MT= 55 (n,n') Level Legendre Coefficients 60-Nd-152



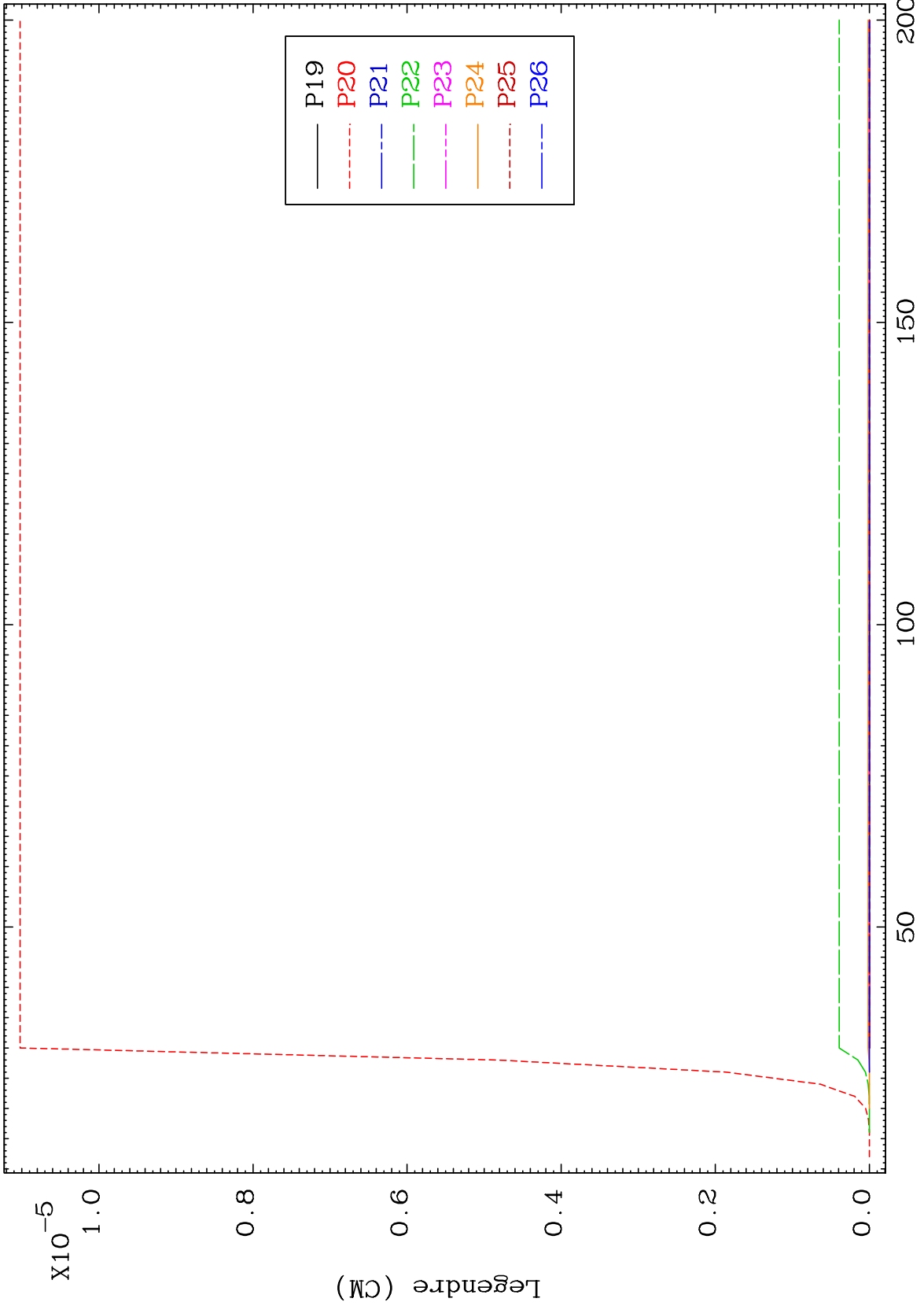
36 Incident Energy (MeV) 60-Nd-152

MAT 6055 MT= 55 (n,n') Level Legendre Coefficients 60-Nd-152

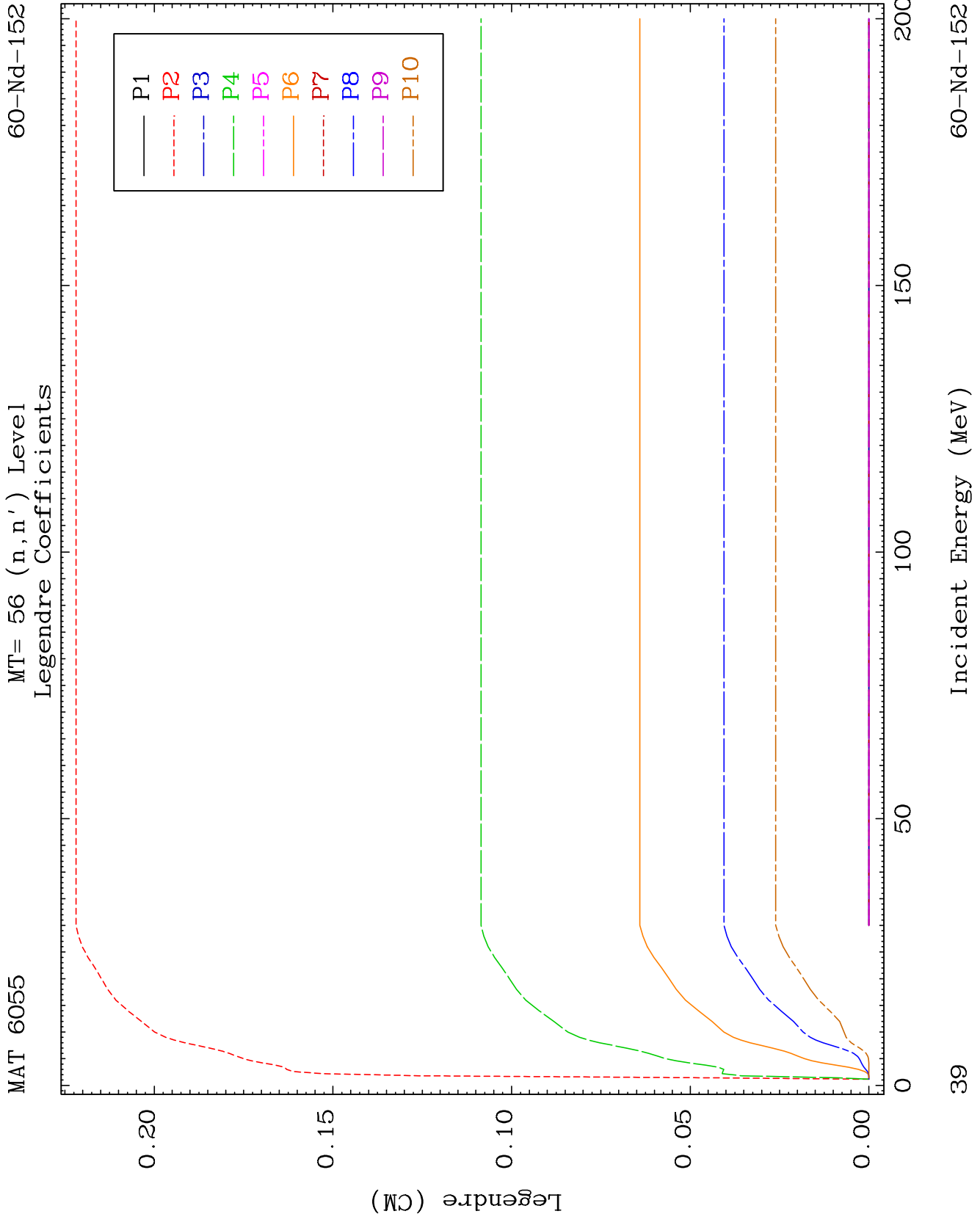


37 60-Nd-152

MAT 6055 MT= 55 (n,n') Level Legendre Coefficients 60-Nd-152



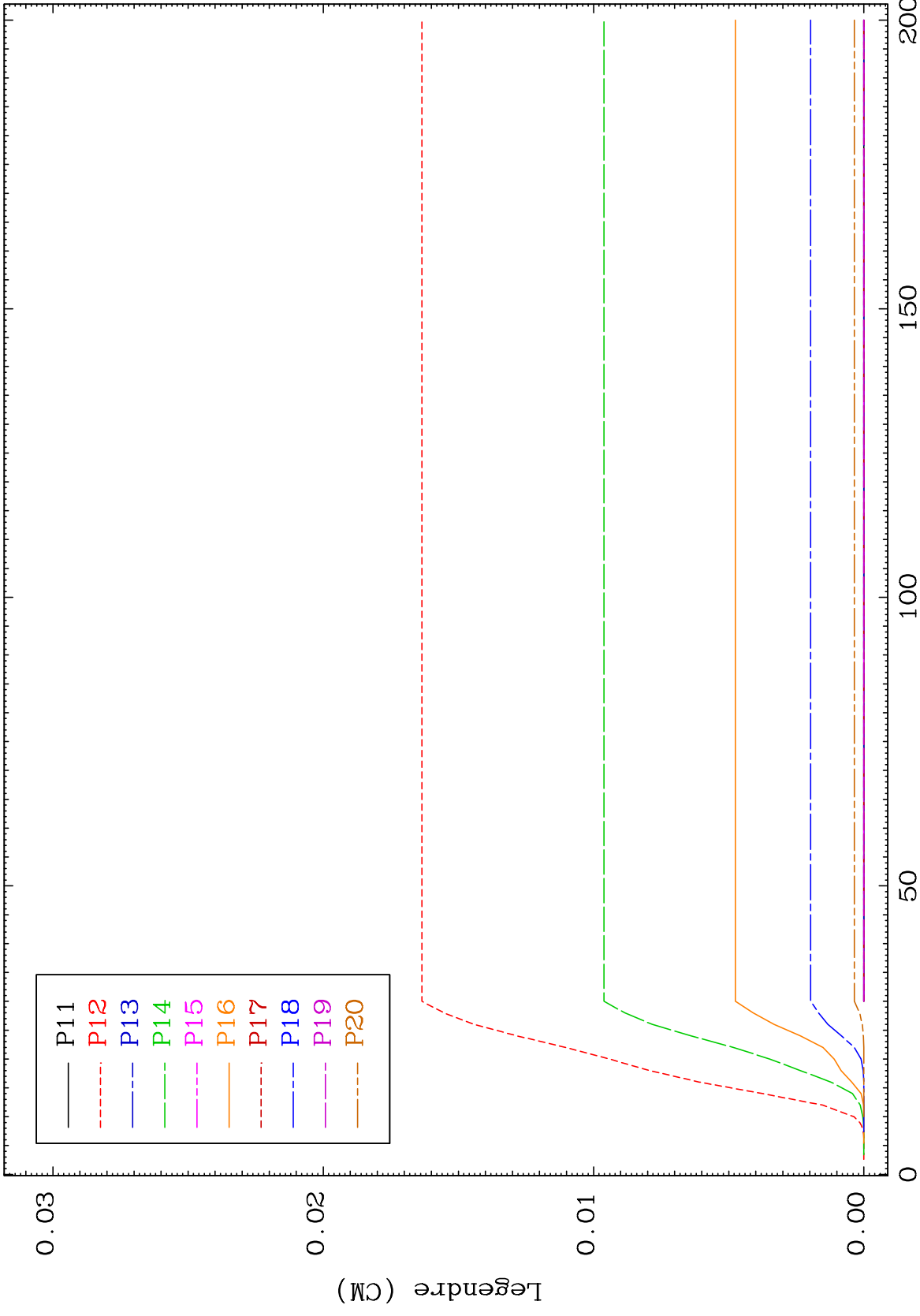
38 60-Nd-152



MAT 60555

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

60-Nd-152



40

50

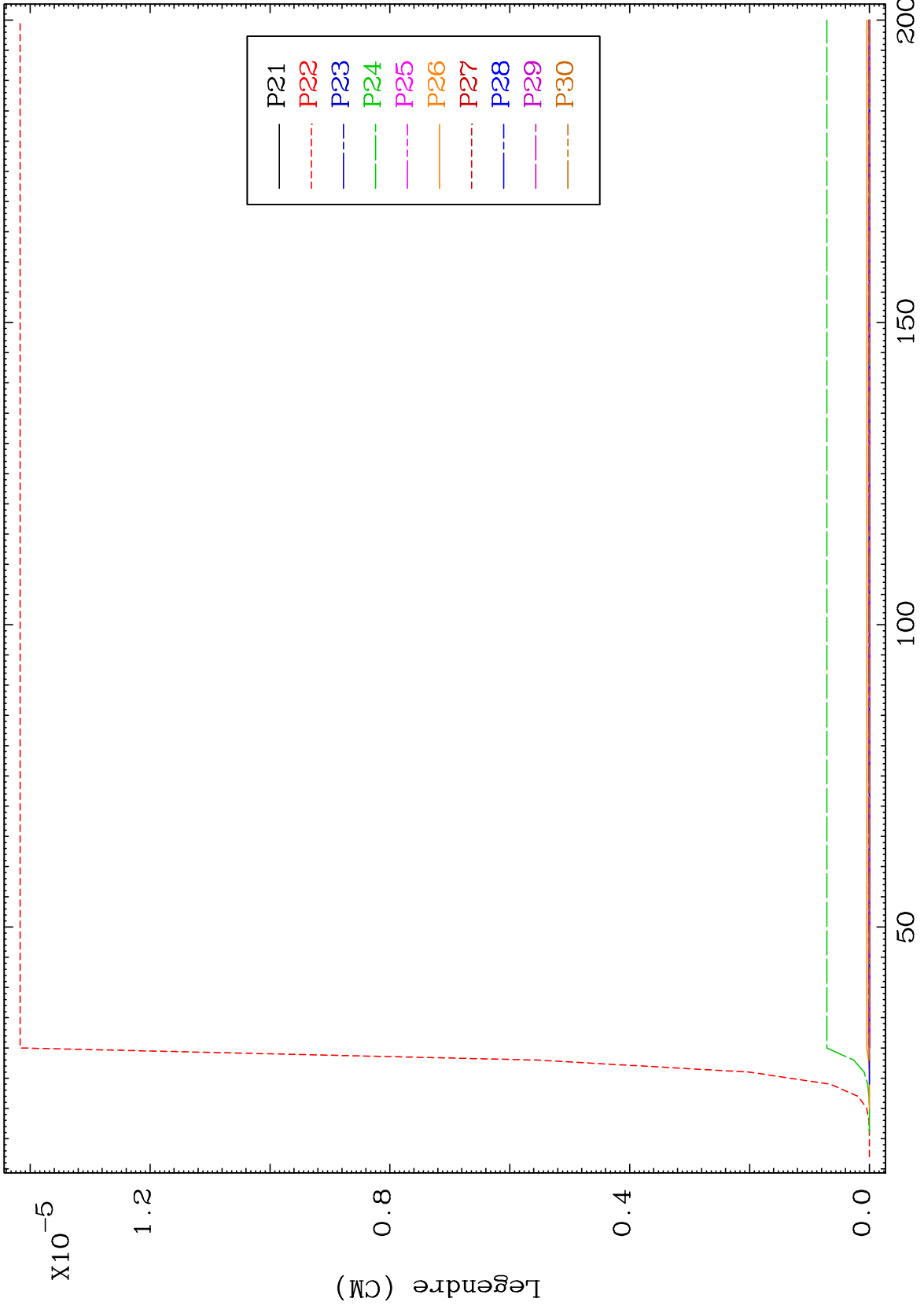
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200

60-Nd-152

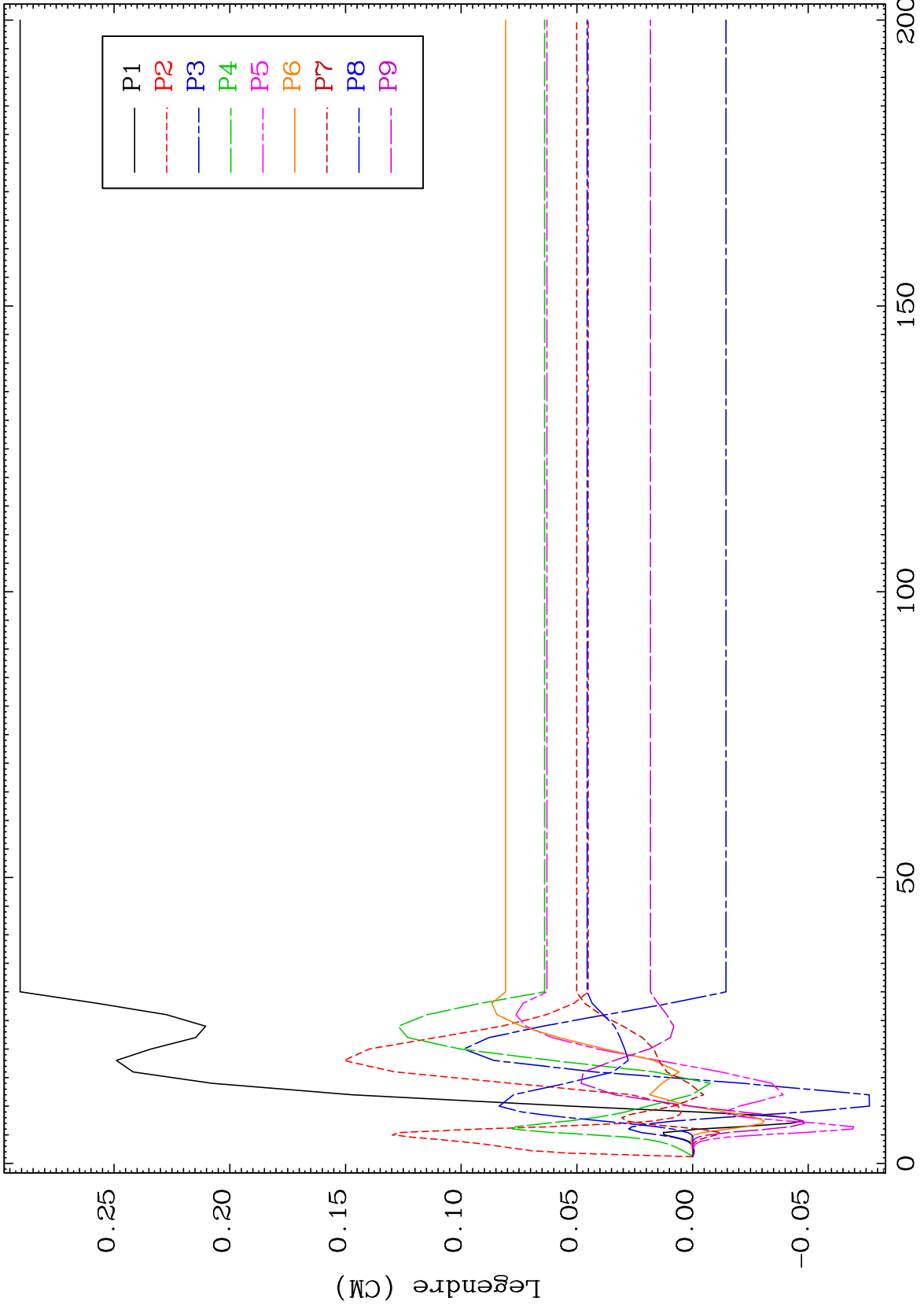
MAT 6055 MT= 56 (n,n') Level Legendre Coefficients 60-Nd-152



MAT 6055

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

60-Nd-152



42

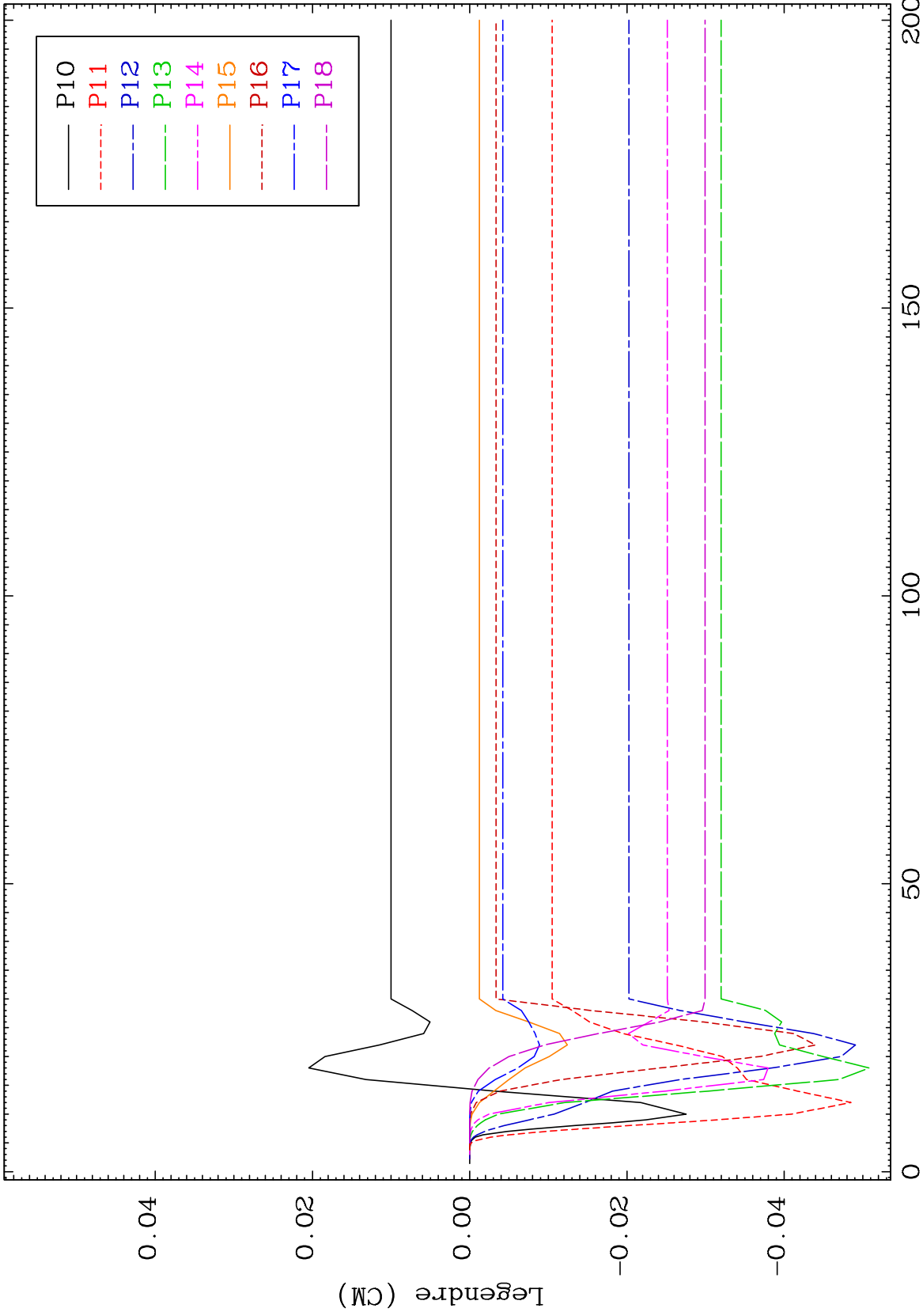
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



43

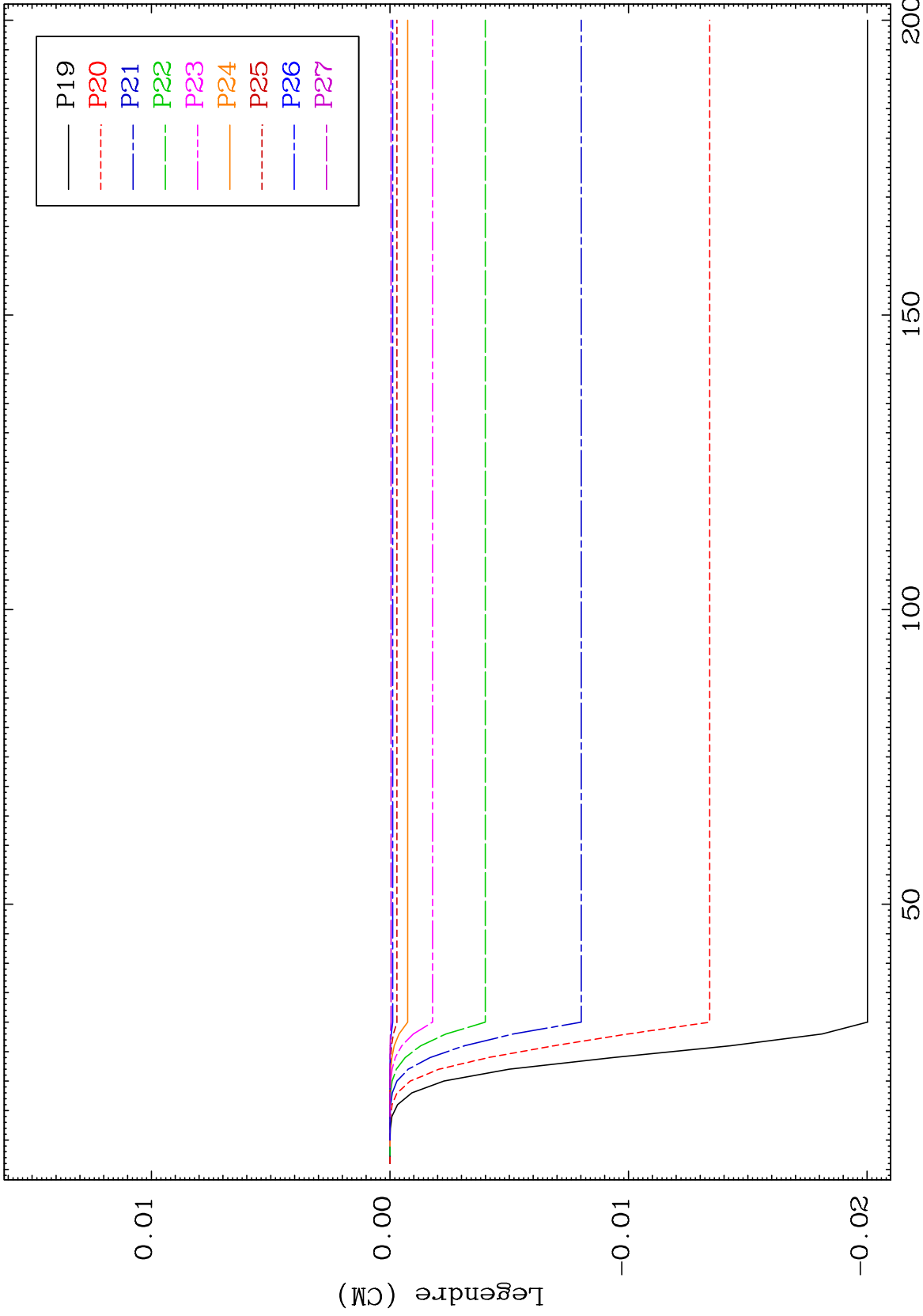
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



44

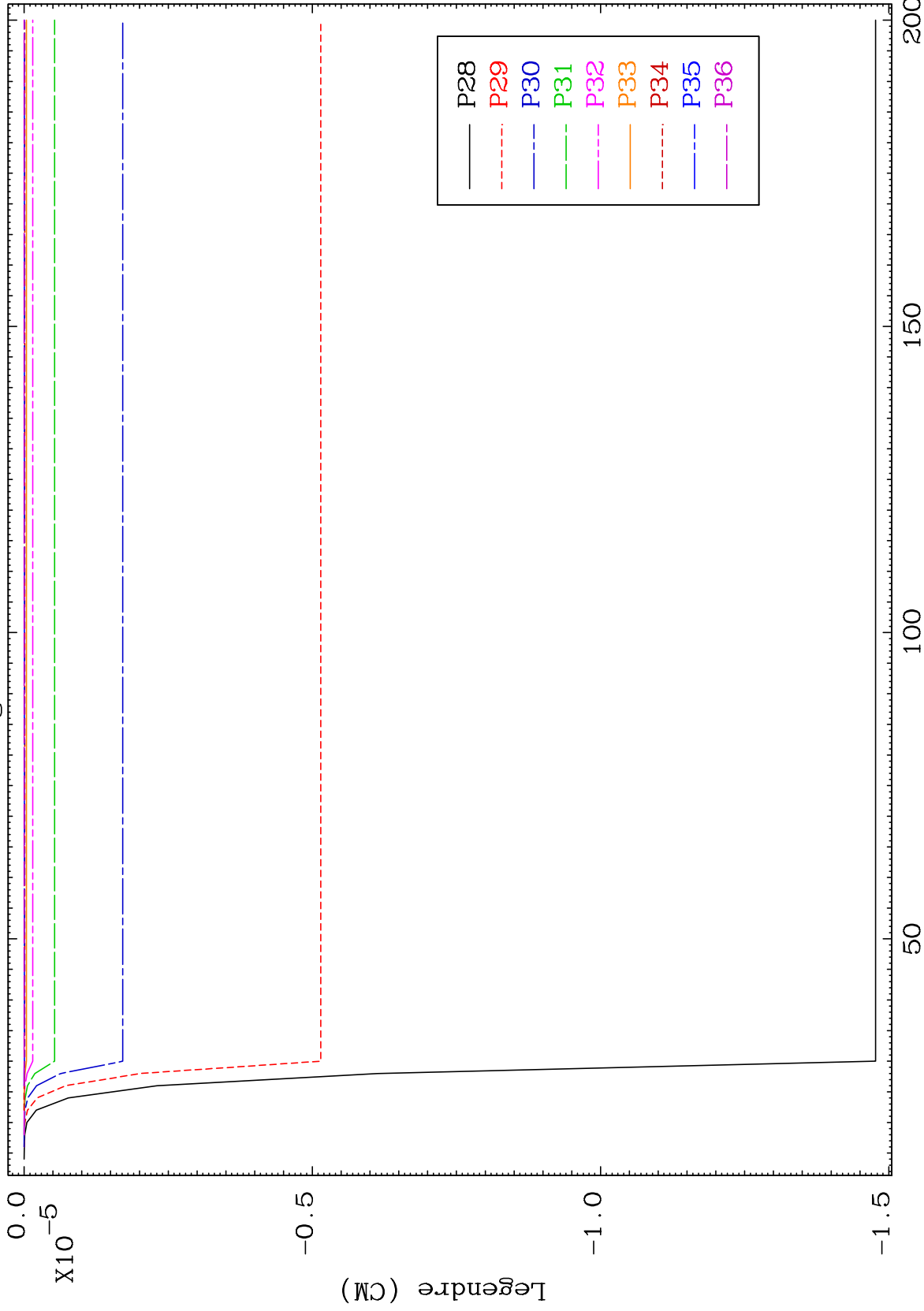
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



60-Nd-152

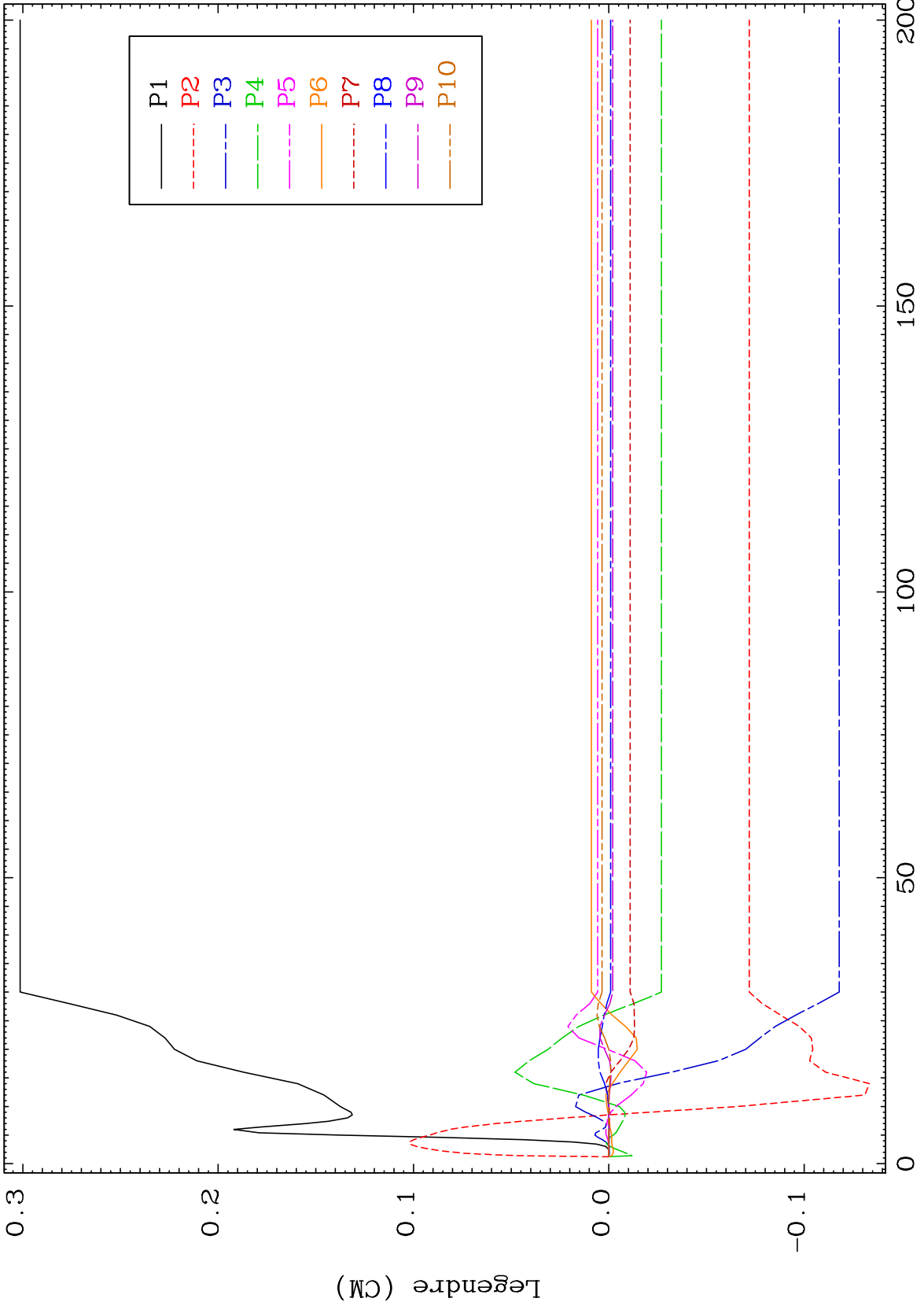
Incident Energy (MeV)

45

MAT 6055

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

60-Nd-152



46

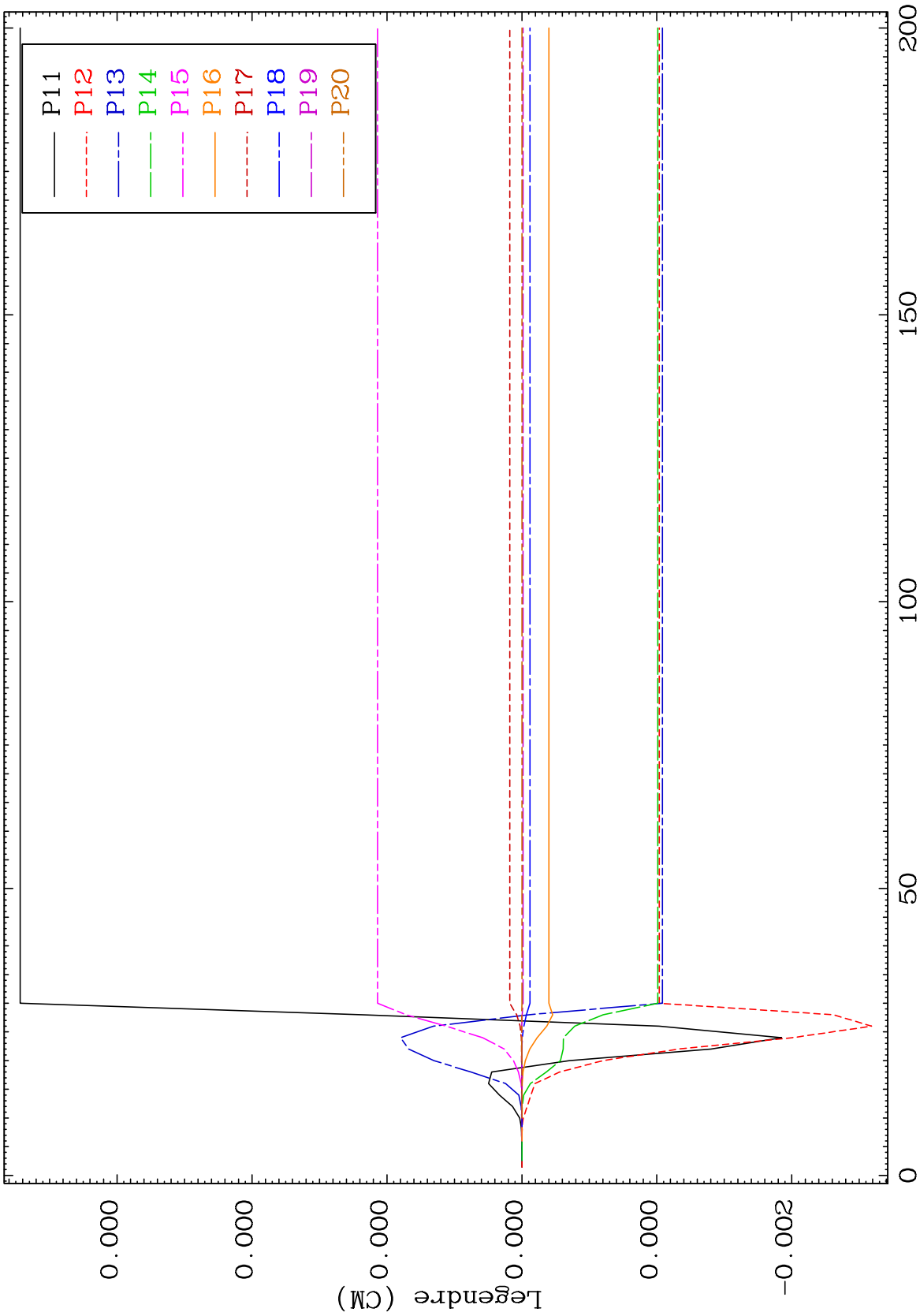
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



47

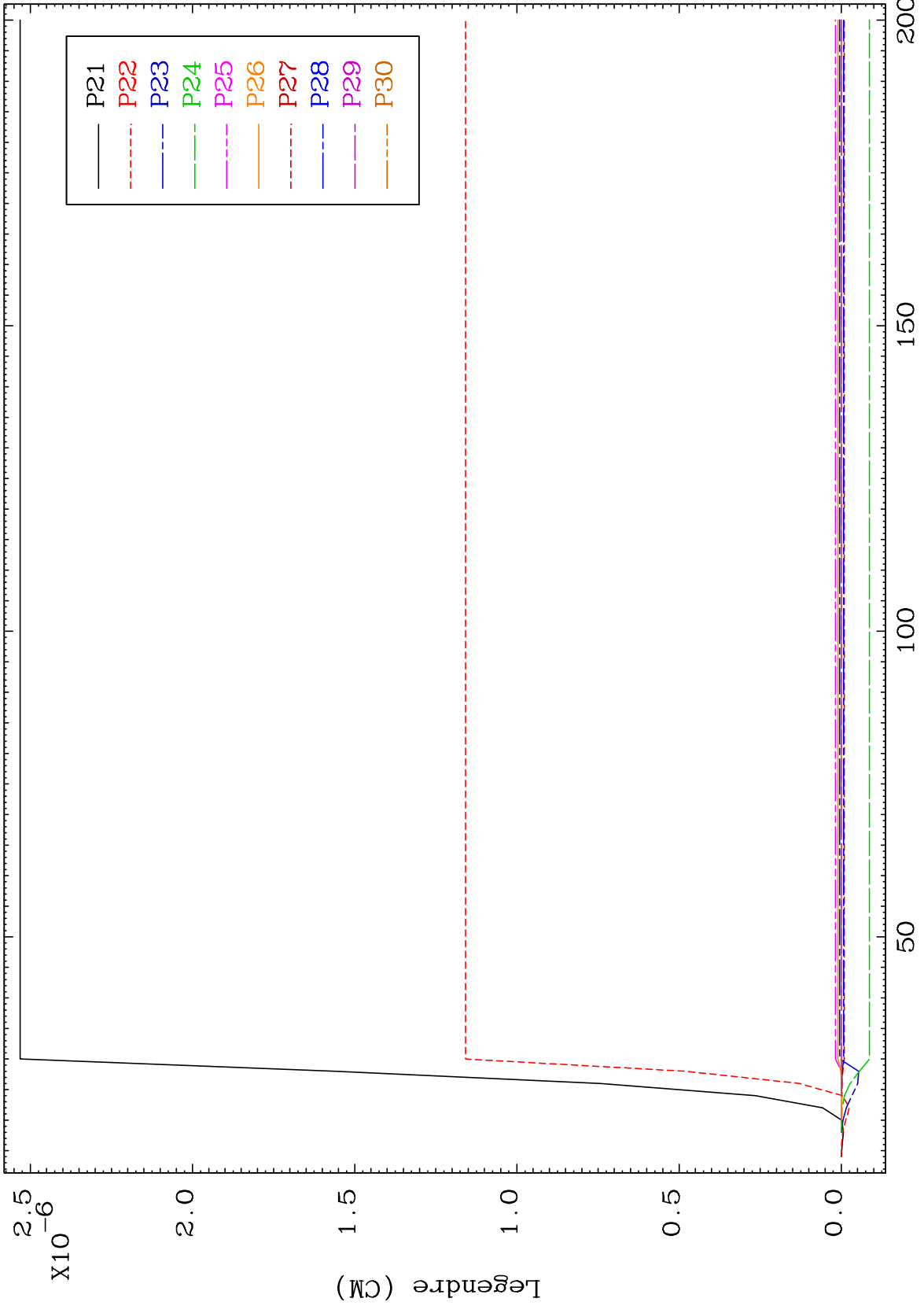
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



48

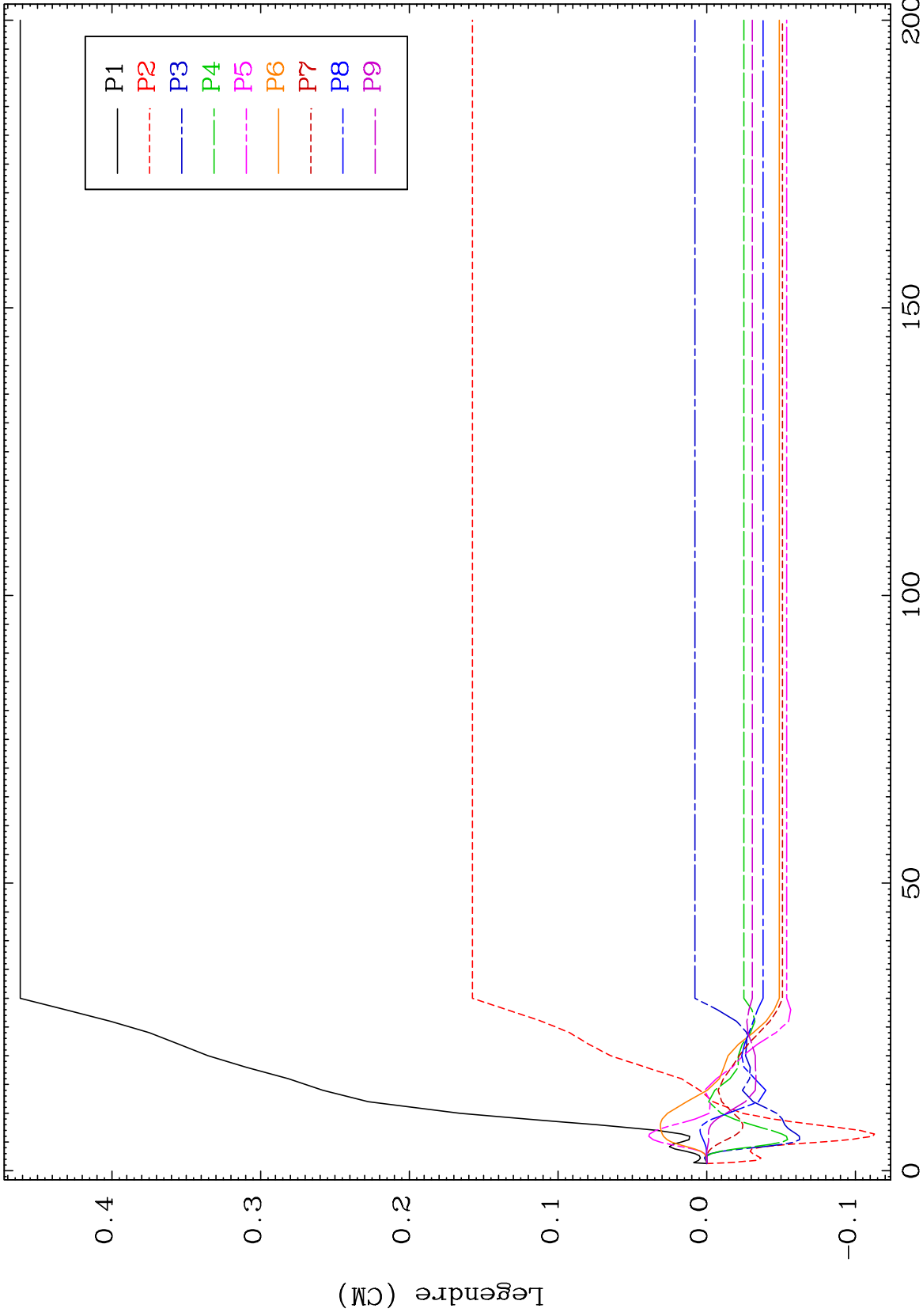
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



49

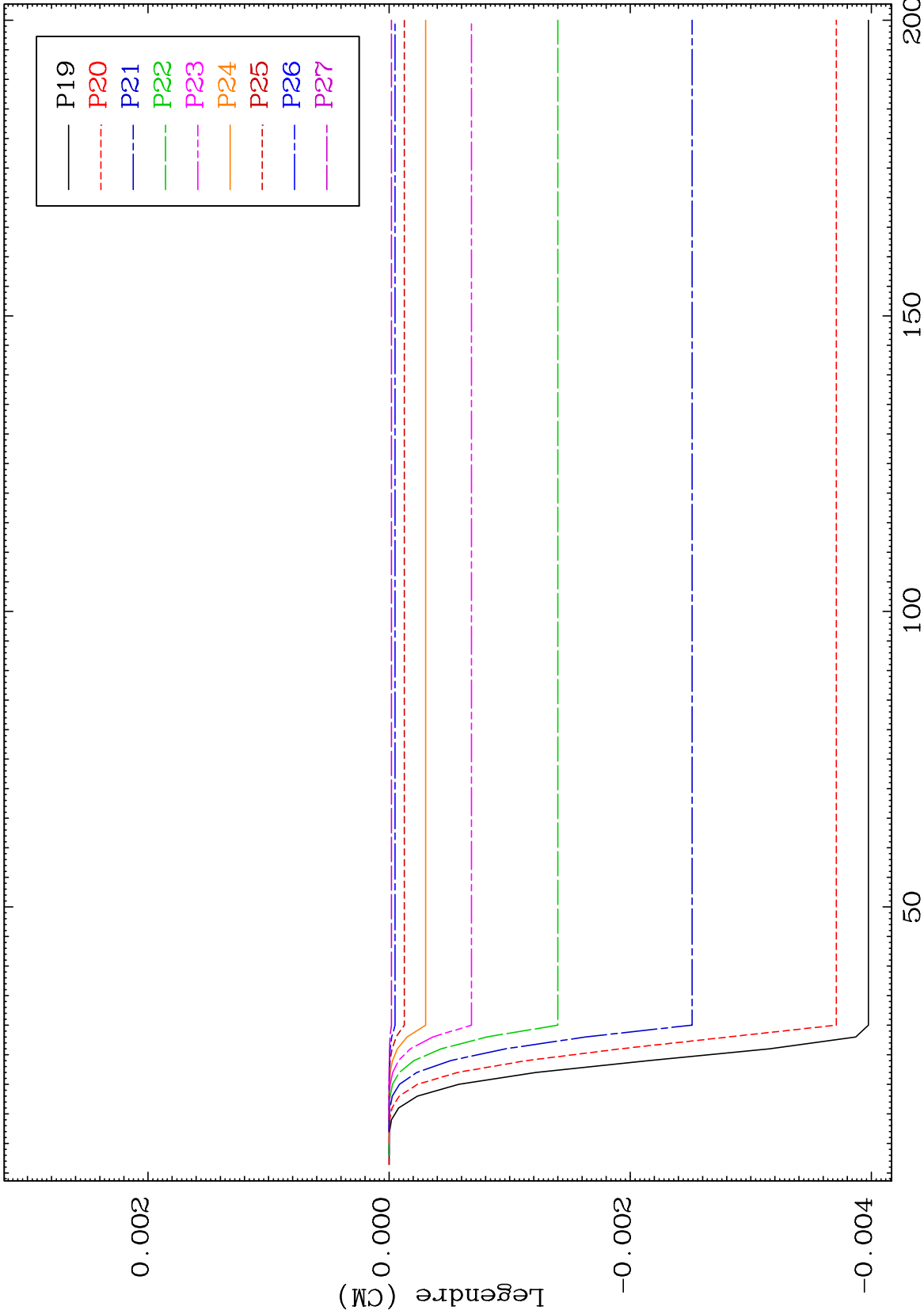
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



51

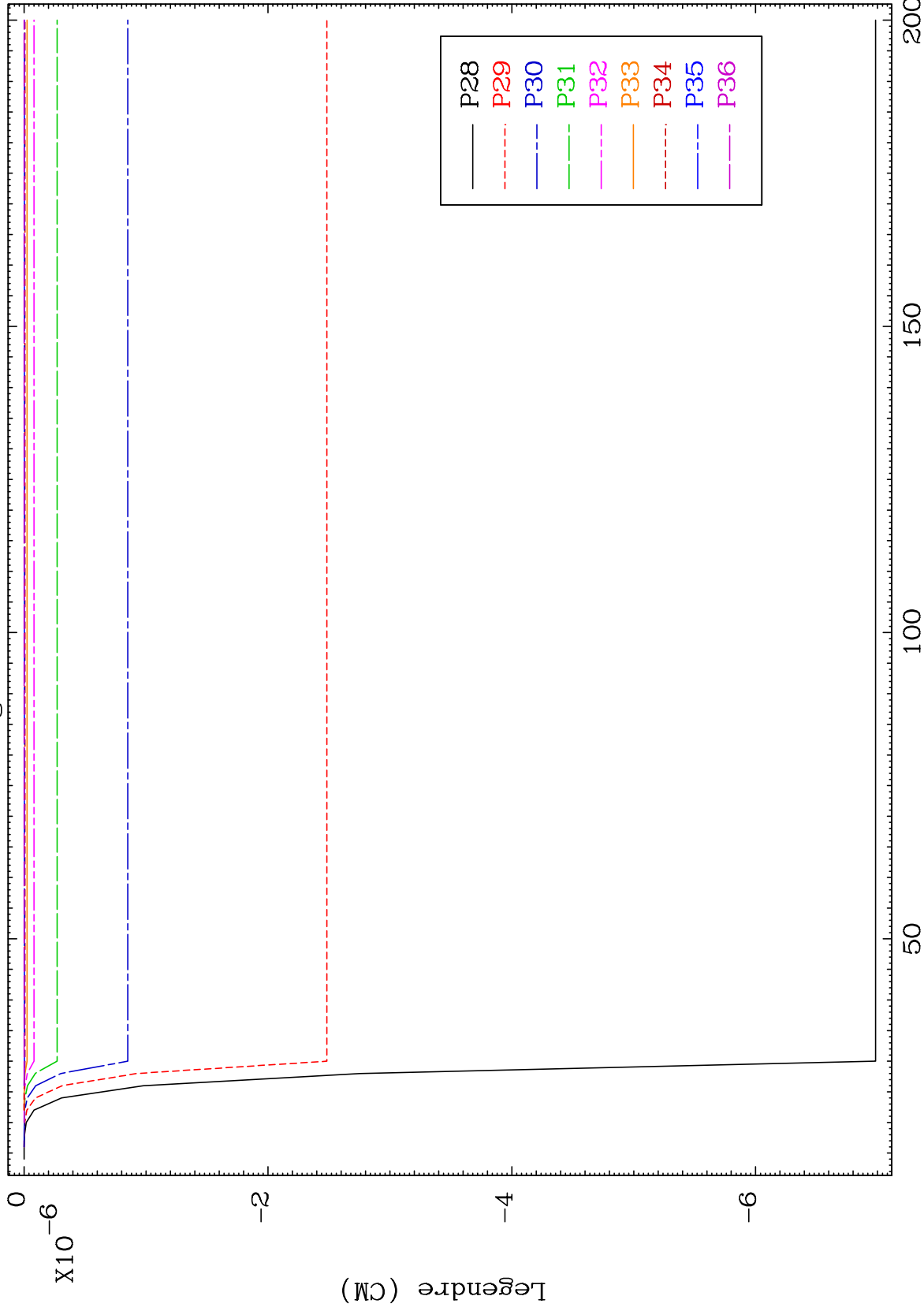
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

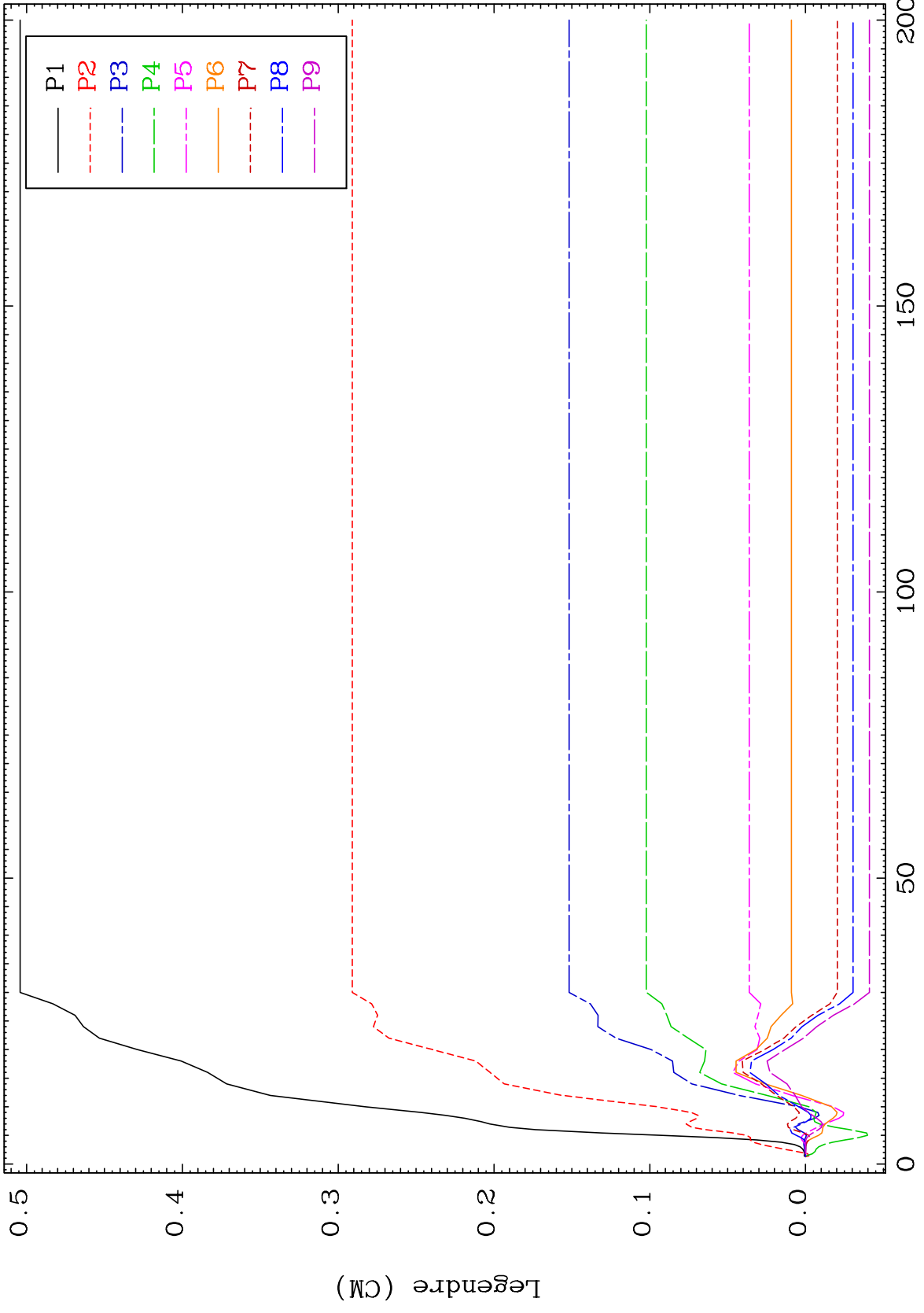
60-Nd-152



52

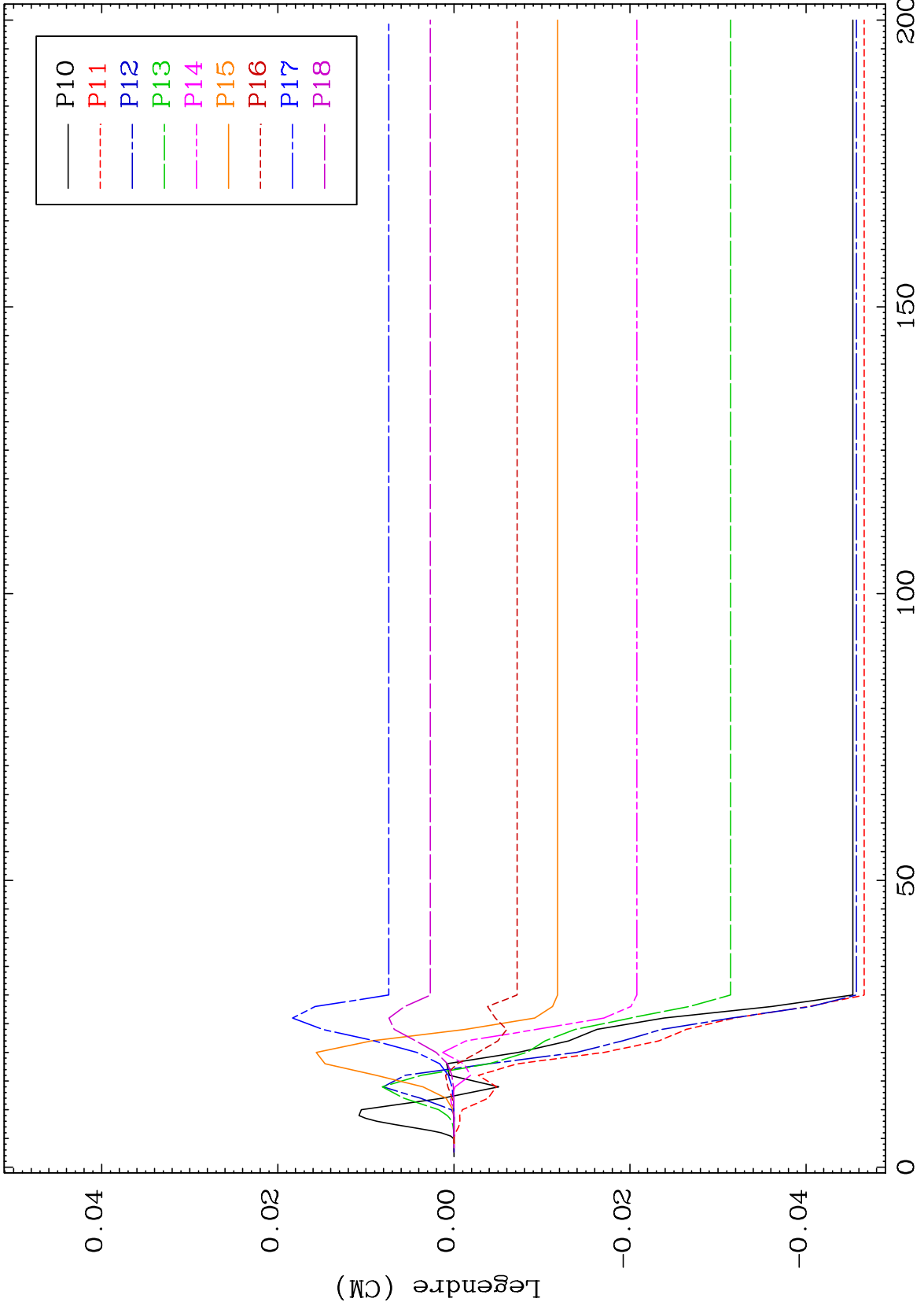
60-Nd-152

MAT 6055 MT= 60 (n,n') Level Legendre Coefficients 60-Nd-152



53 60-Nd-152

MAT 6055 MT= 60 (n,n') Level Legendre Coefficients 60-Nd-152

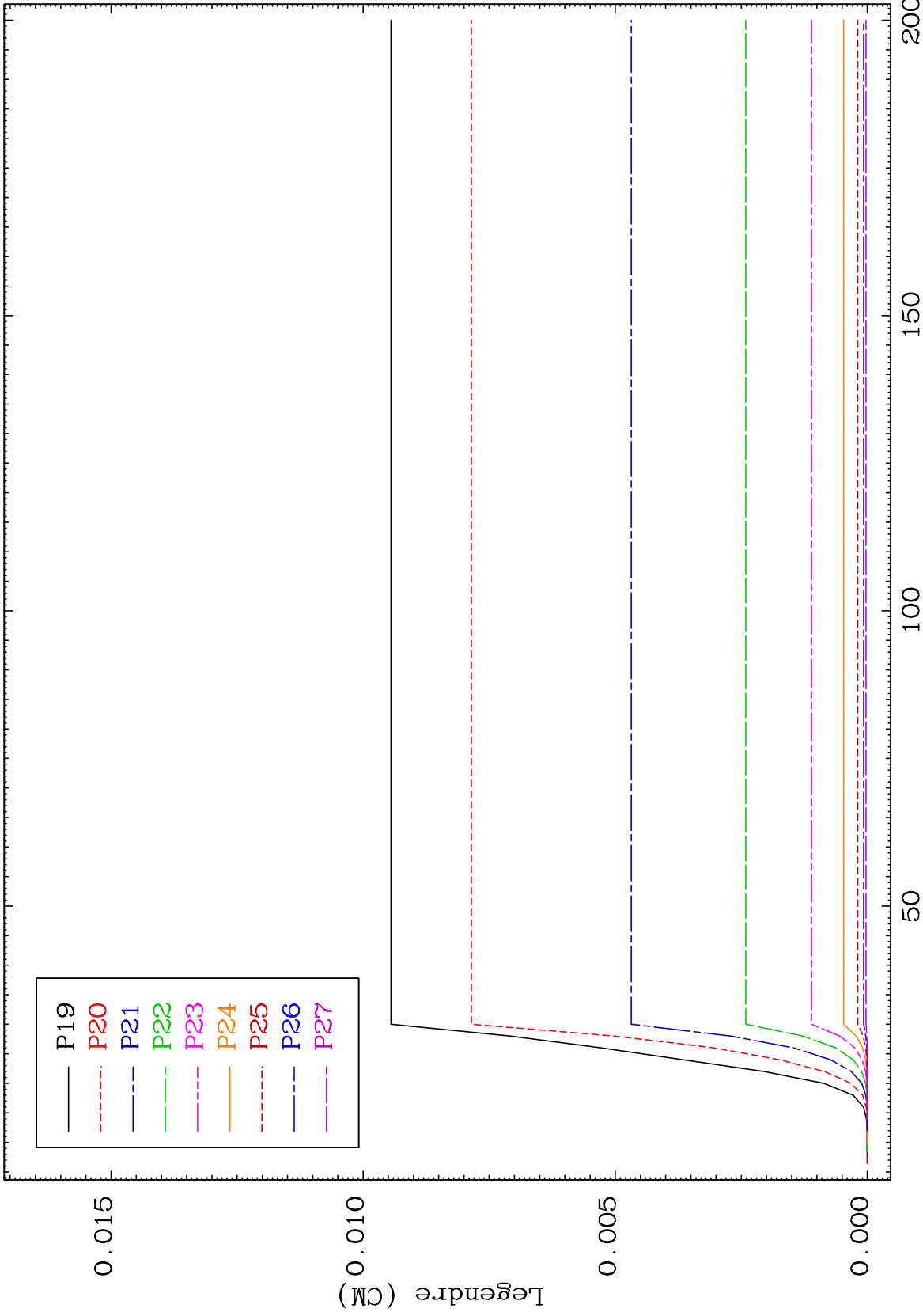


54 60-Nd-152

MAT 6055

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

60-Nd-152



55

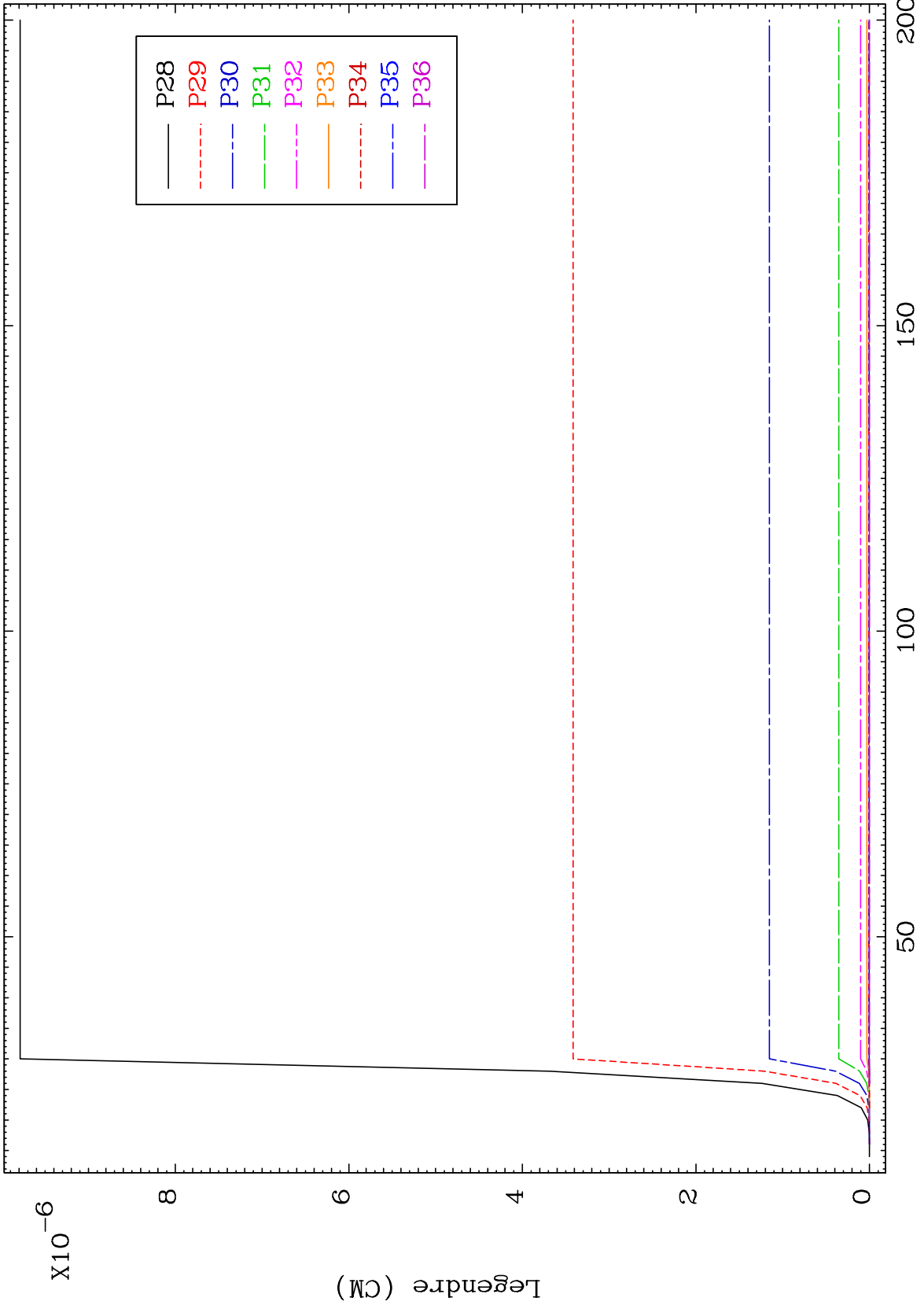
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152

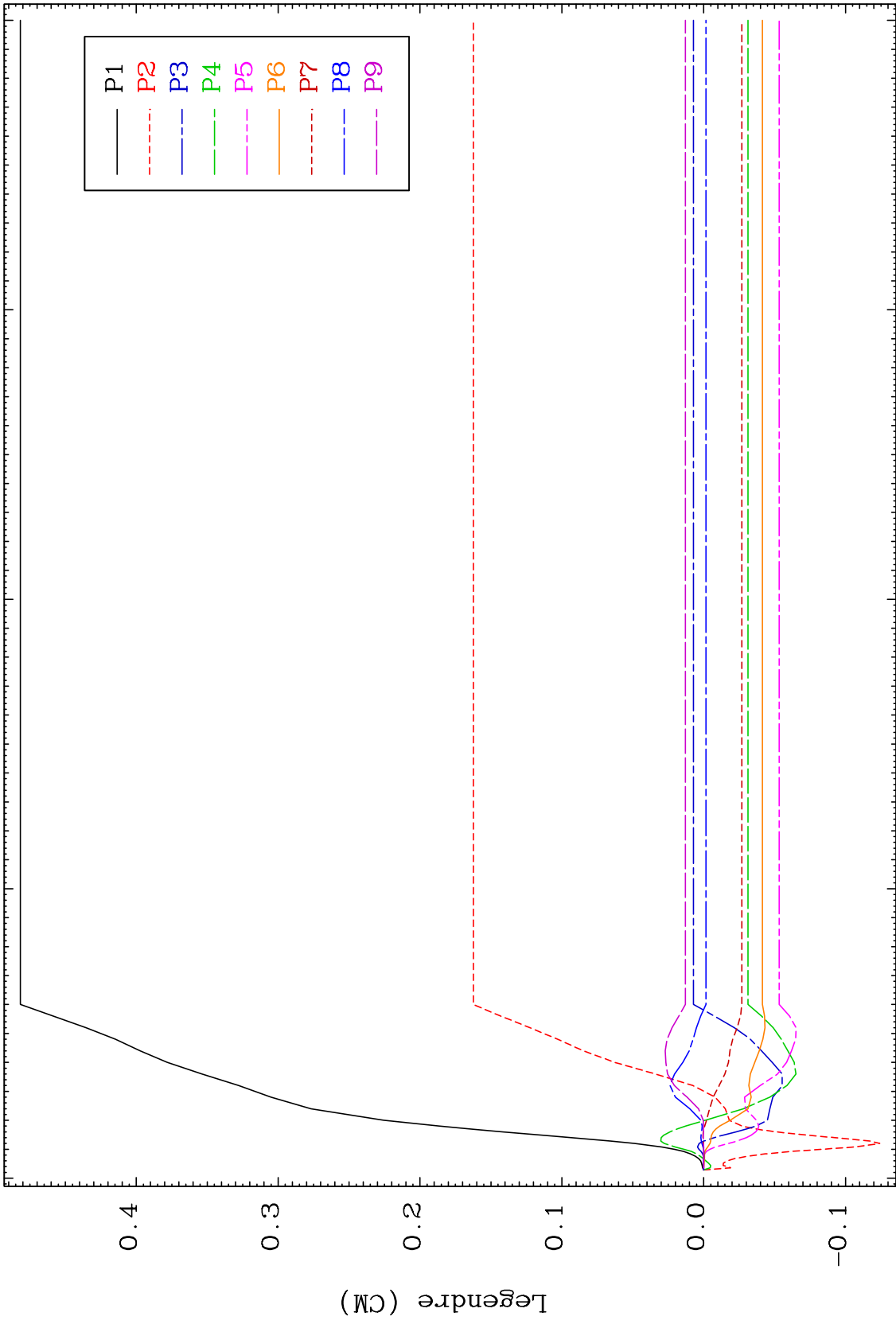


56

Incident Energy (MeV)

60-Nd-152

MAT 6055 MT= 61 (n,n') Level Legendre Coefficients 60-Nd-152

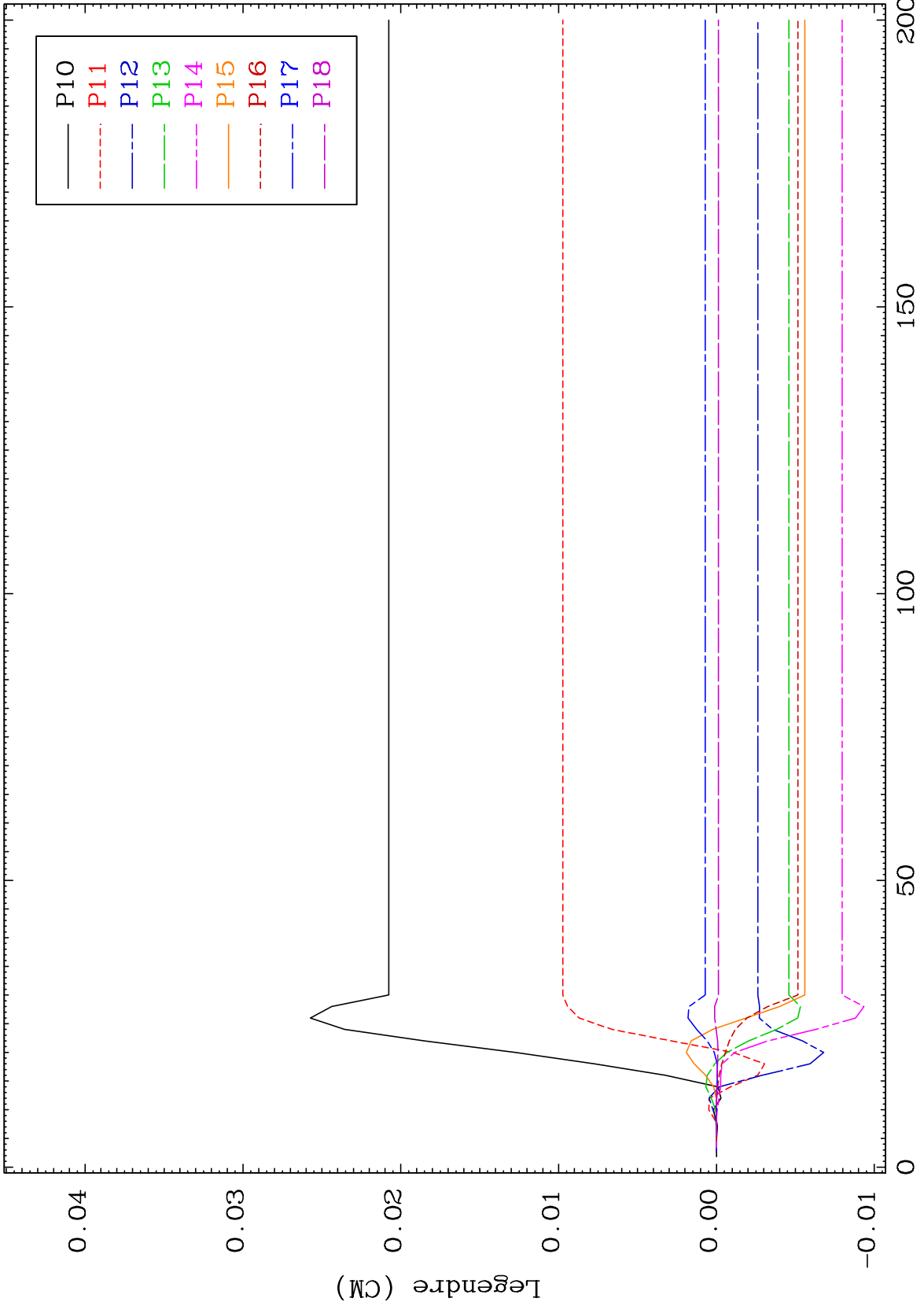


57 Incident Energy (MeV) 60-Nd-152

MAT 6055

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

60-Nd-152



58

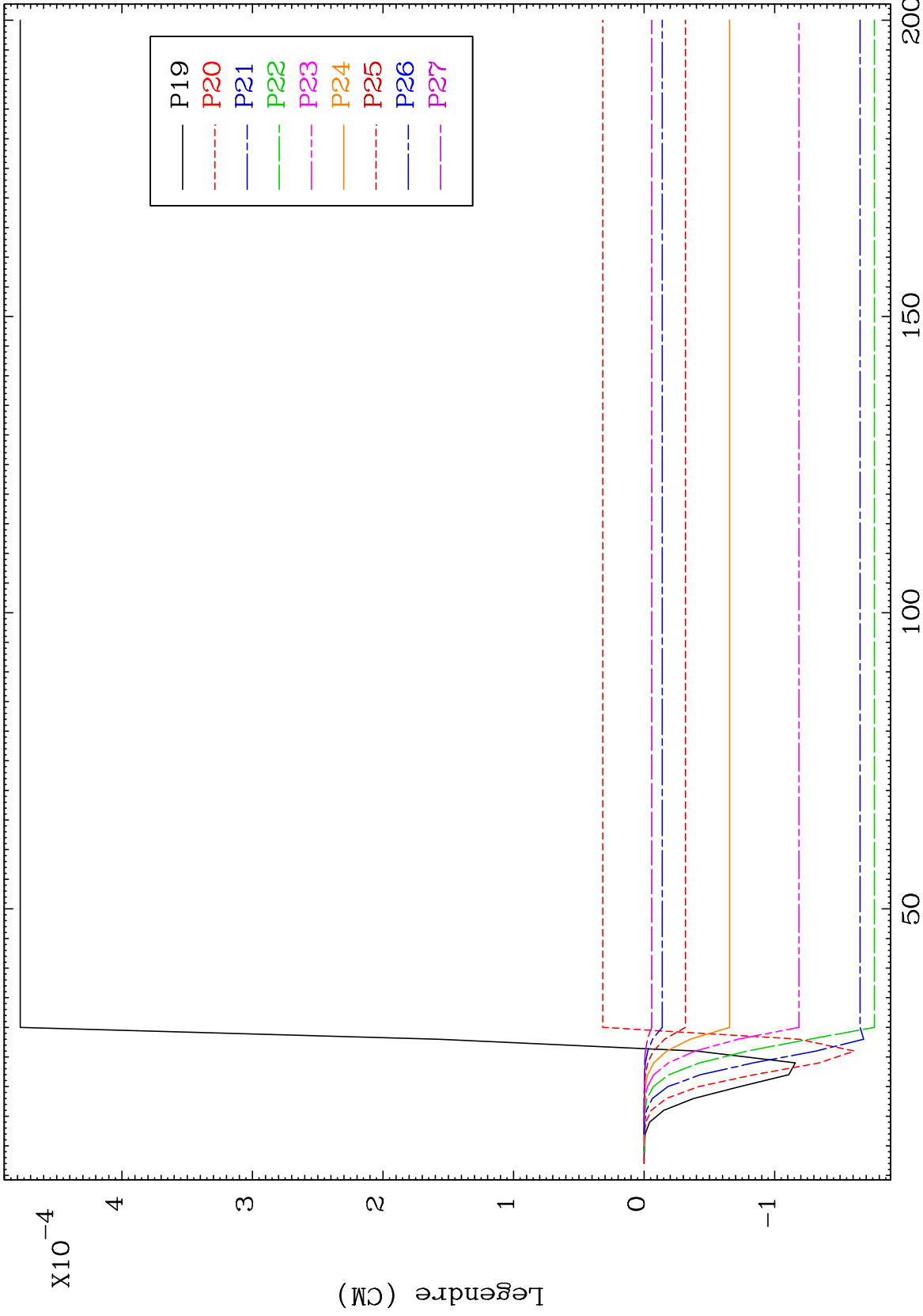
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



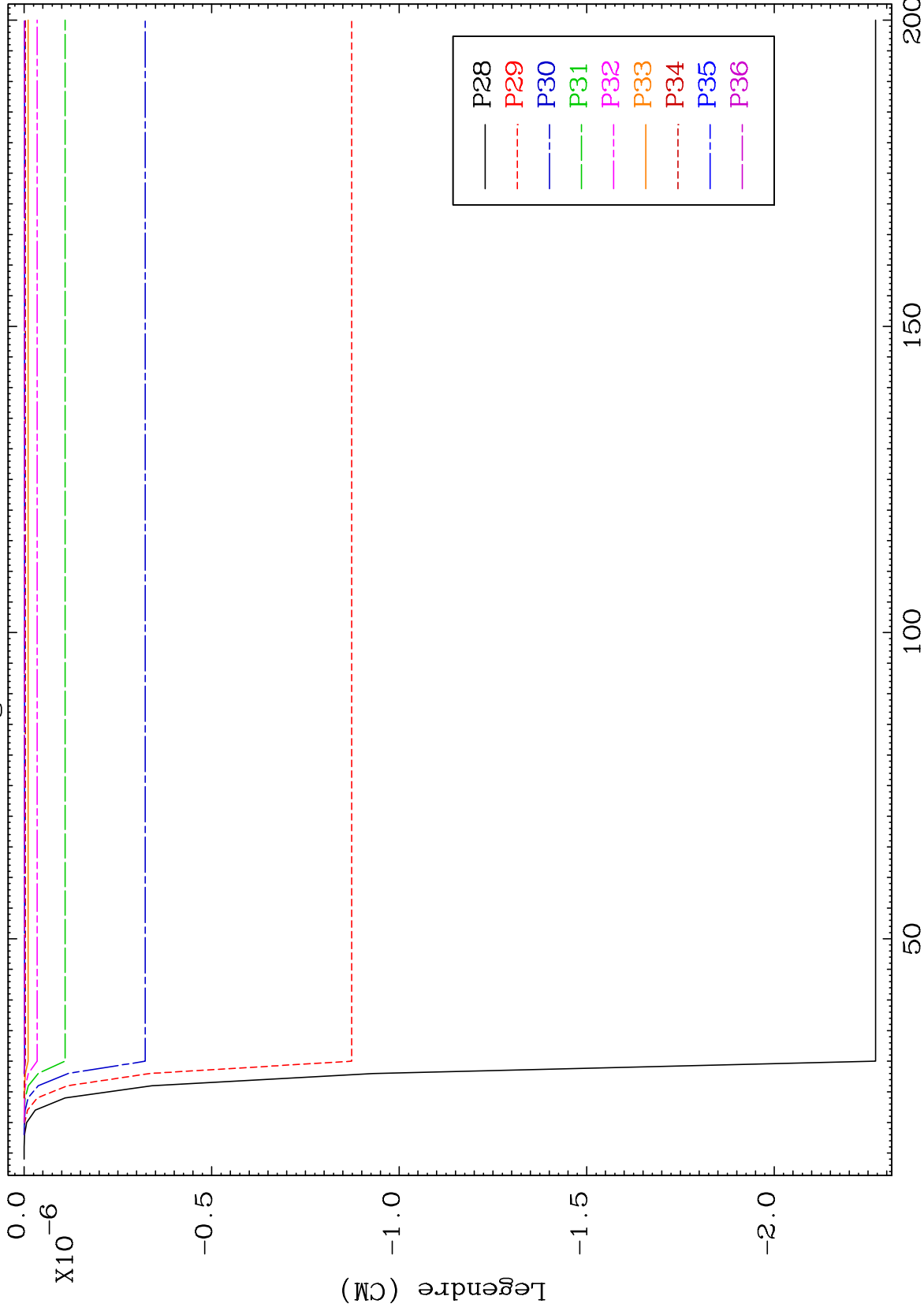
59

60-Nd-152

MAT 6055

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

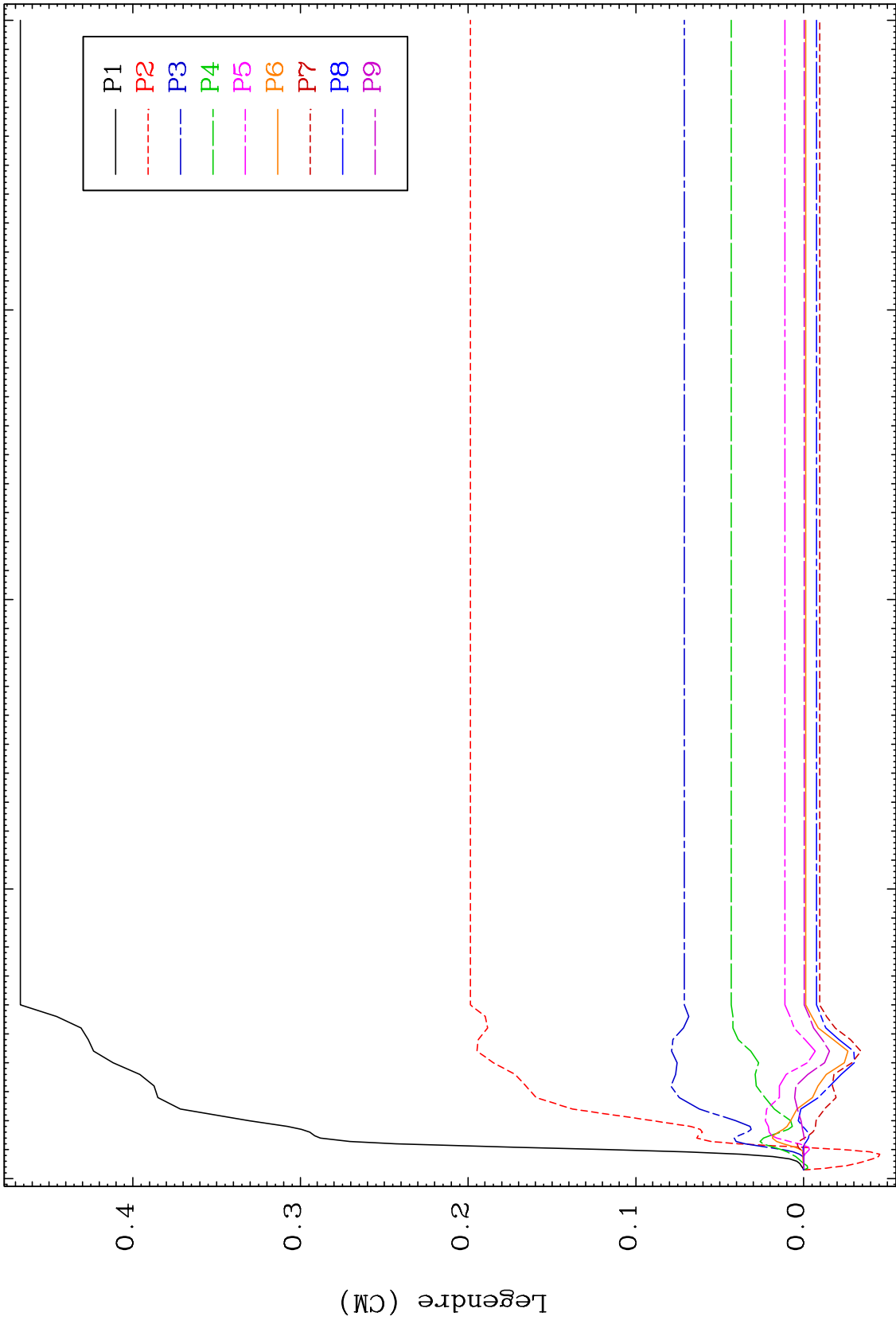
60-Nd-152



60

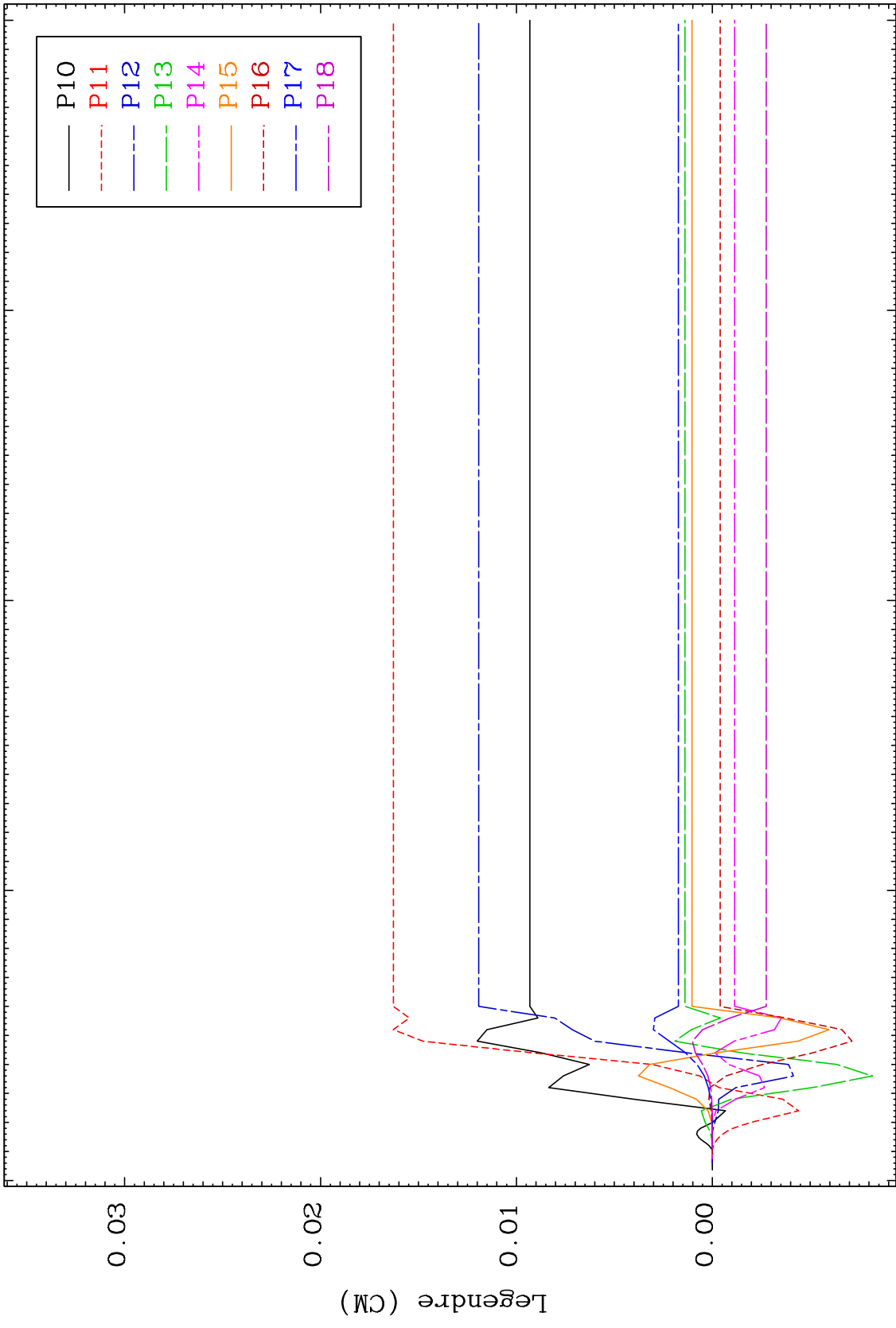
60-Nd-152

MAT 6055 MT= 62 (n,n') Level Legendre Coefficients 60-Nd-152



61 60-Nd-152 Incident Energy (MeV)

MAT 6055 MT= 62 (n,n') Level Legendre Coefficients 60-Nd-152

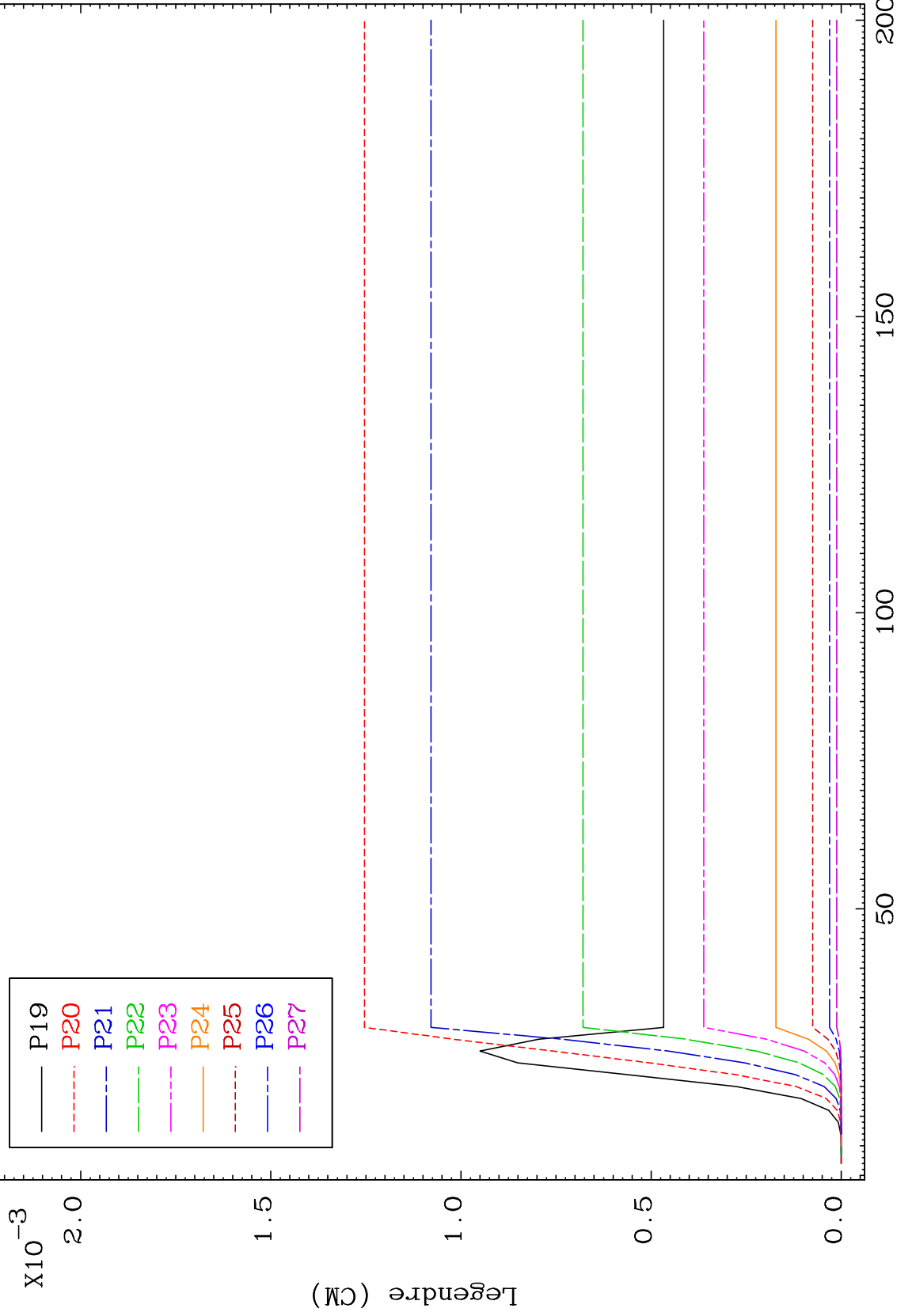
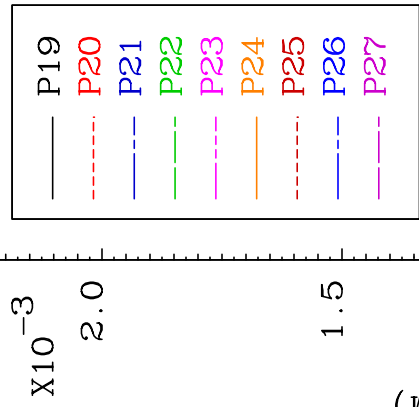


62 60-Nd-152 Incident Energy (MeV)

MAT 6055

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

60-Nd-152



63

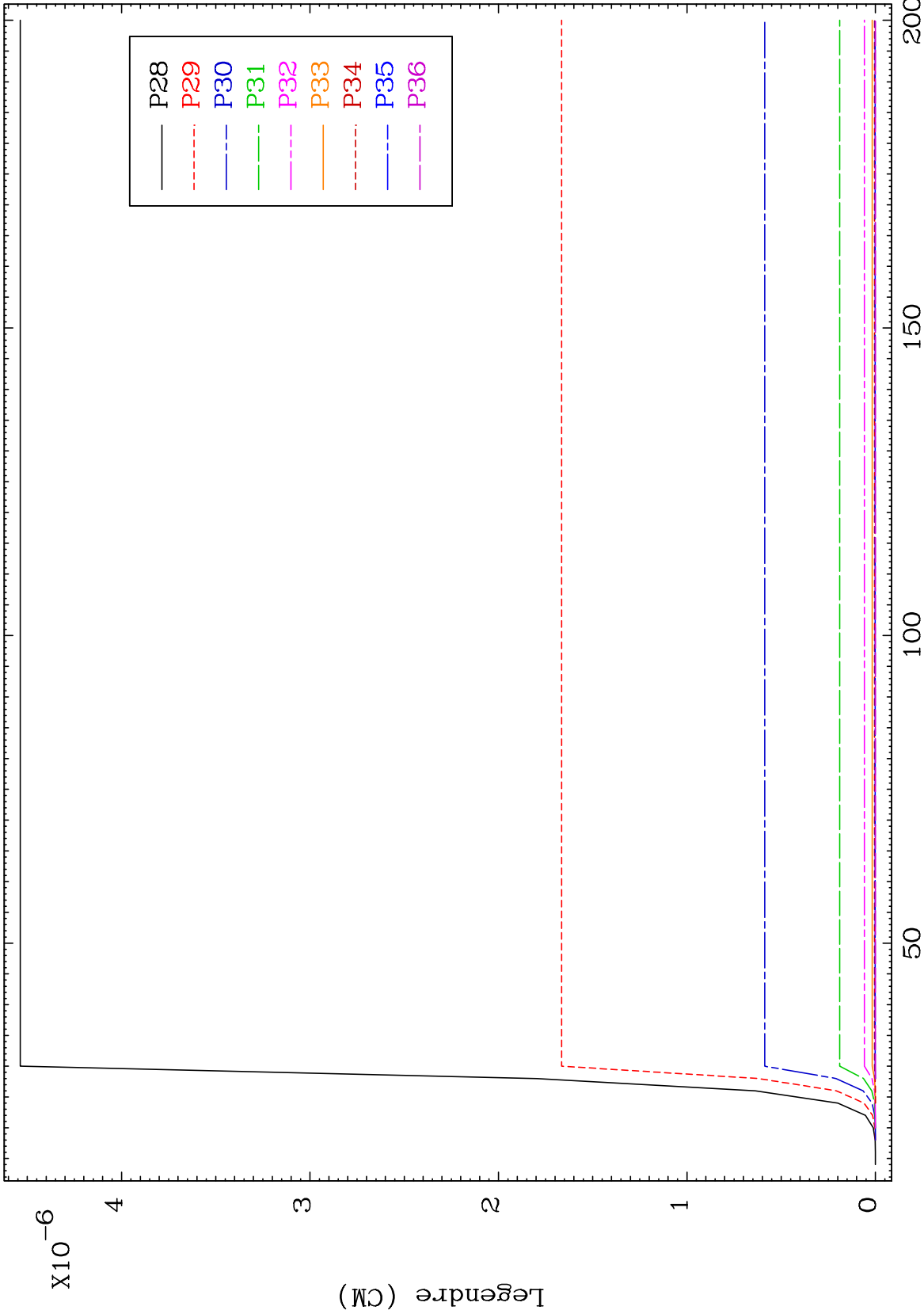
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152

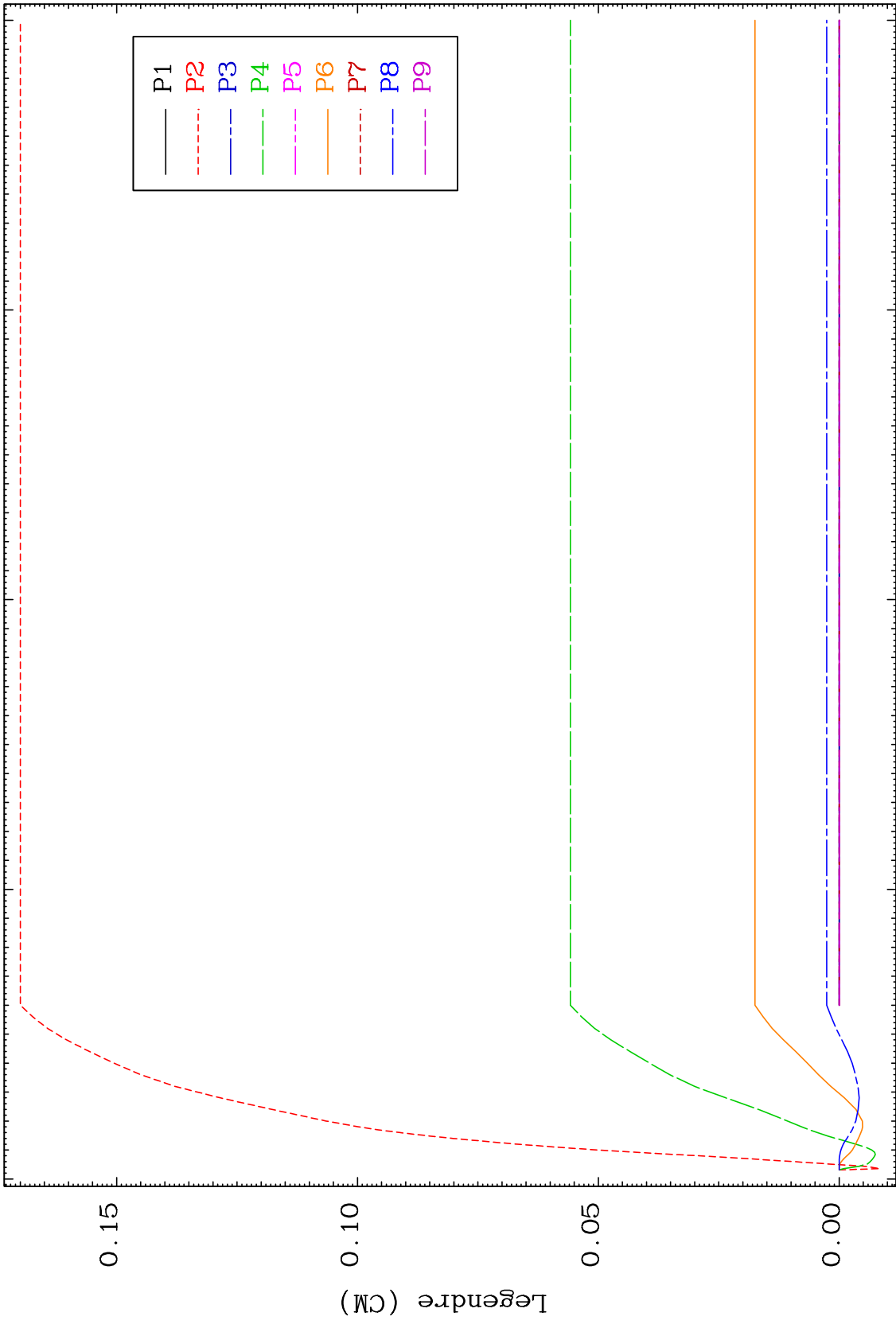


64

Incident Energy (MeV)

60-Nd-152

MAT 6055 MT= 63 (n,n') Level Legendre Coefficients 60-Nd-152

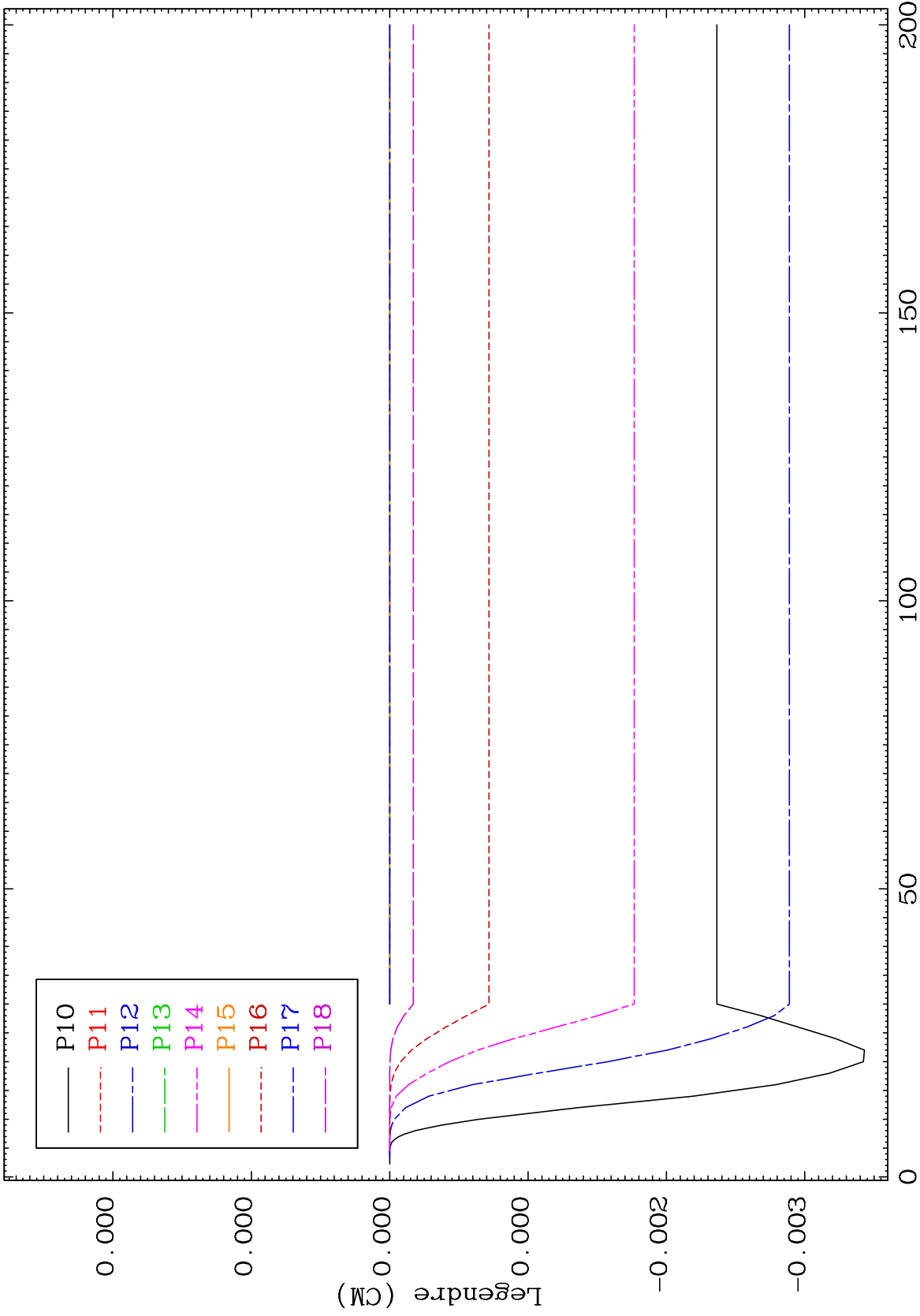


65 60-Nd-152 Incident Energy (MeV)

MAT 6055

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

60-Nd-152



66

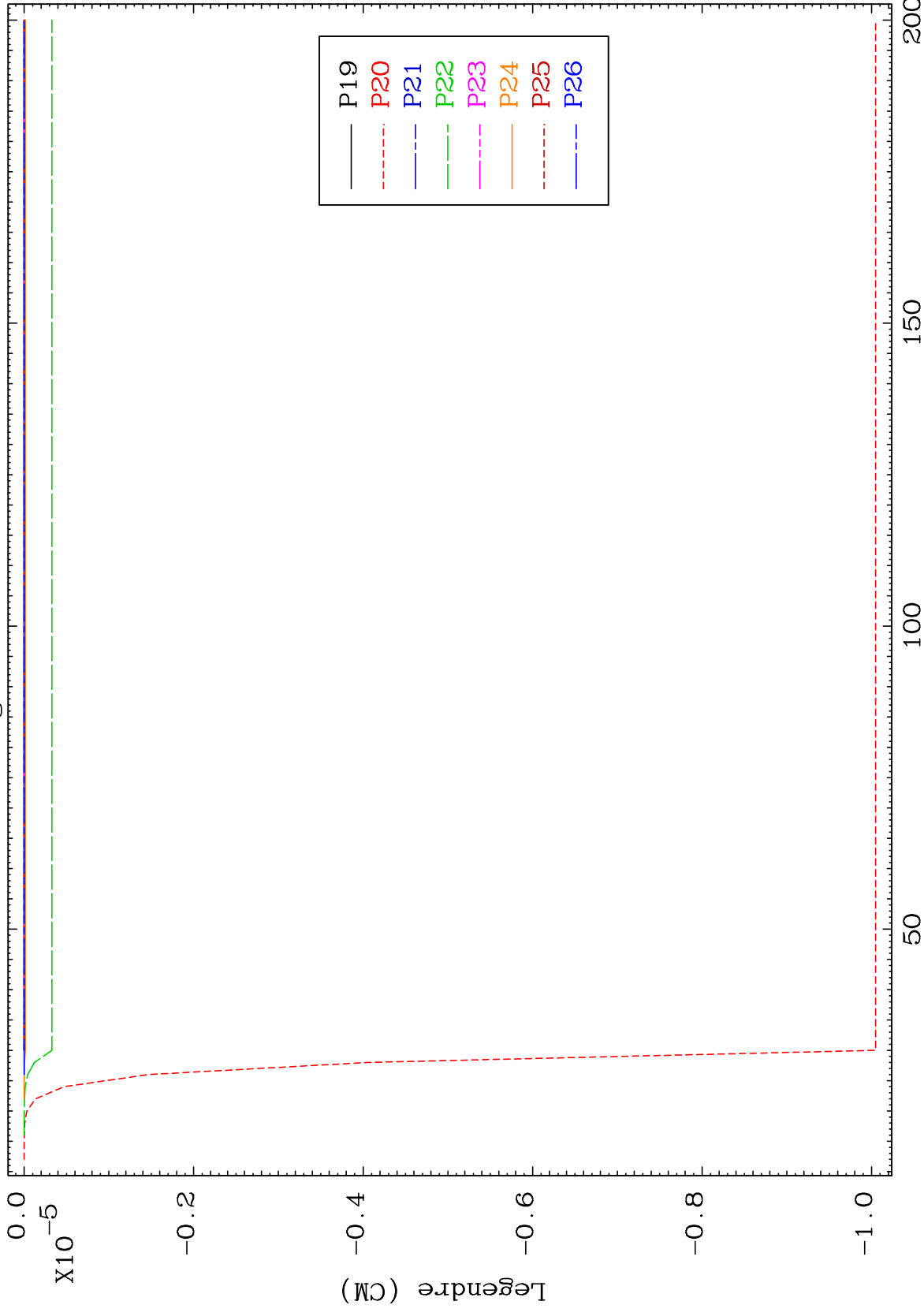
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152

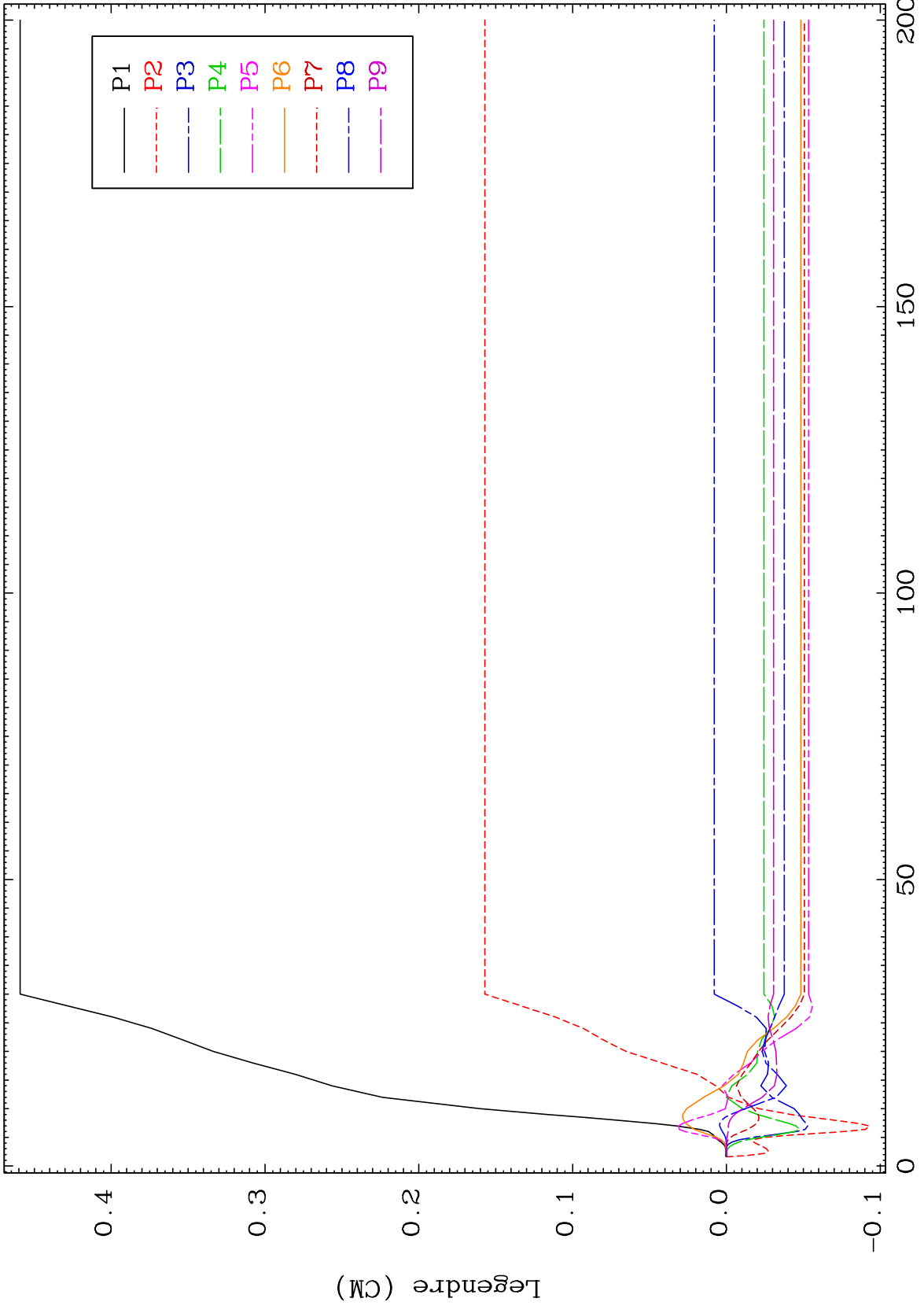


60-Nd-152

Incident Energy (MeV)

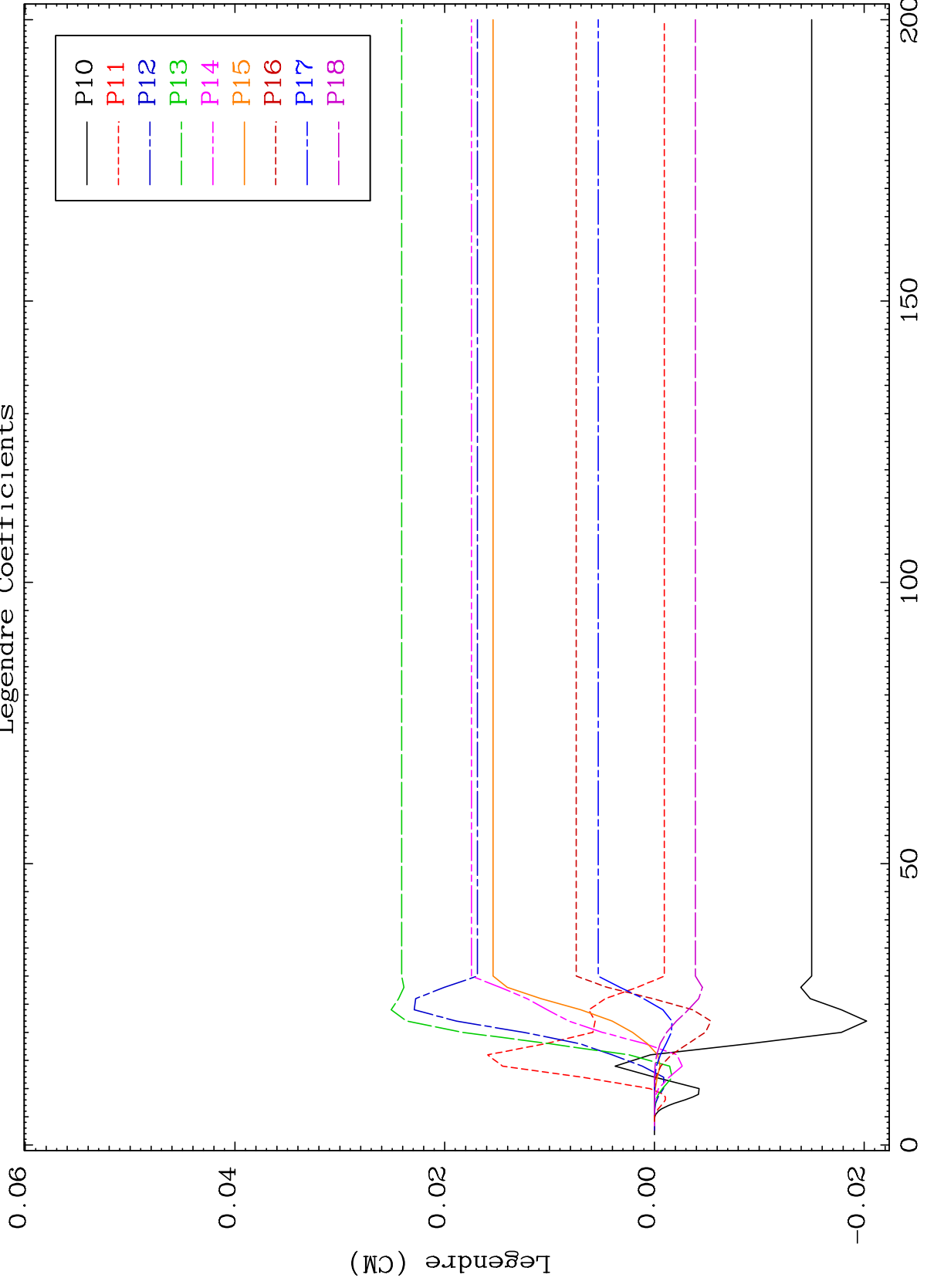
67

MAT 6055 MT= 64 (n,n') Level Legendre Coefficients 60-Nd-152



68 60-Nd-152 Incident Energy (MeV)

MAT 6055 MT= 64 (n,n') Level Legendre Coefficients 60-Nd-152

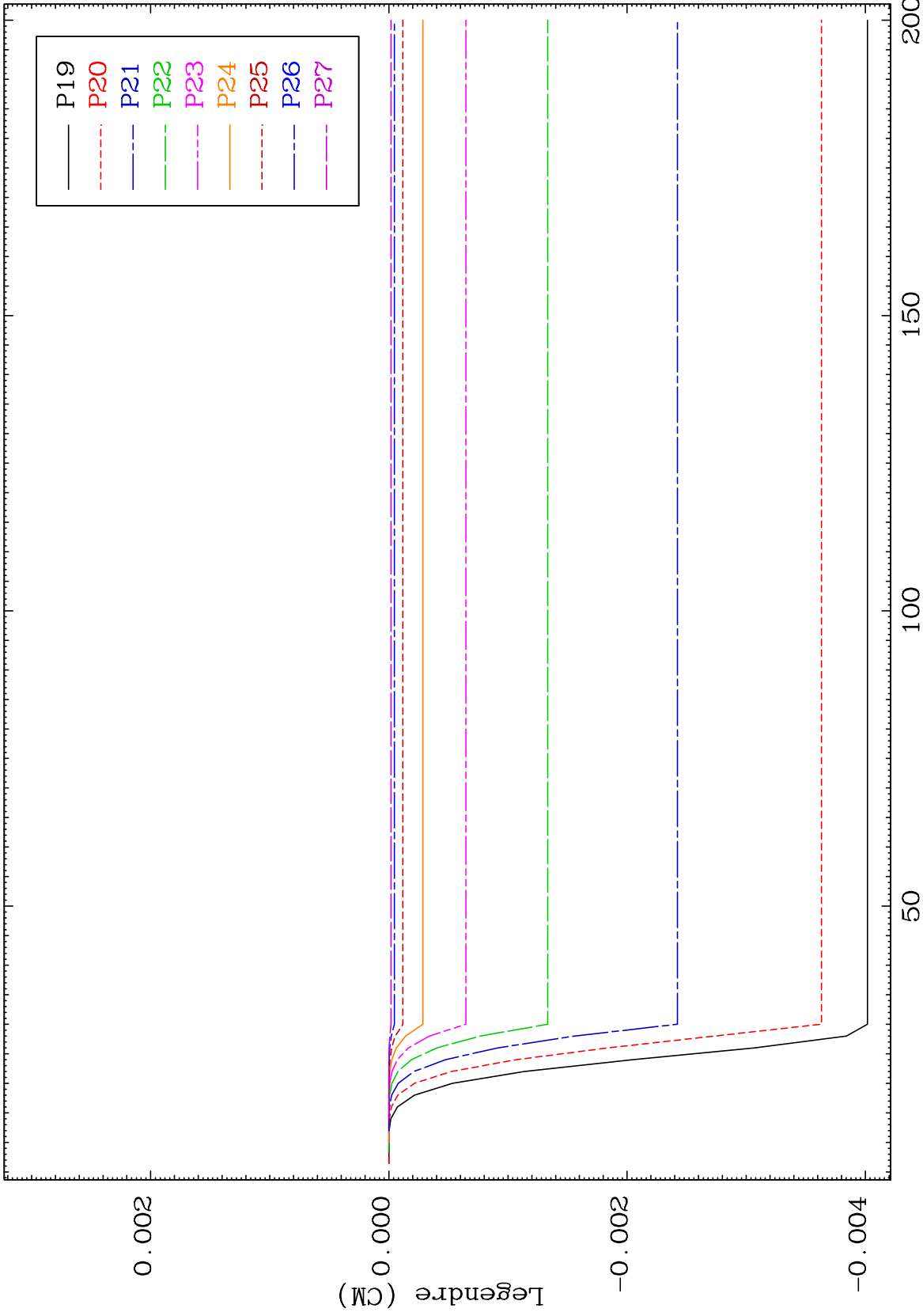


69 60-Nd-152

MAT 6055

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

60-Nd-152



70

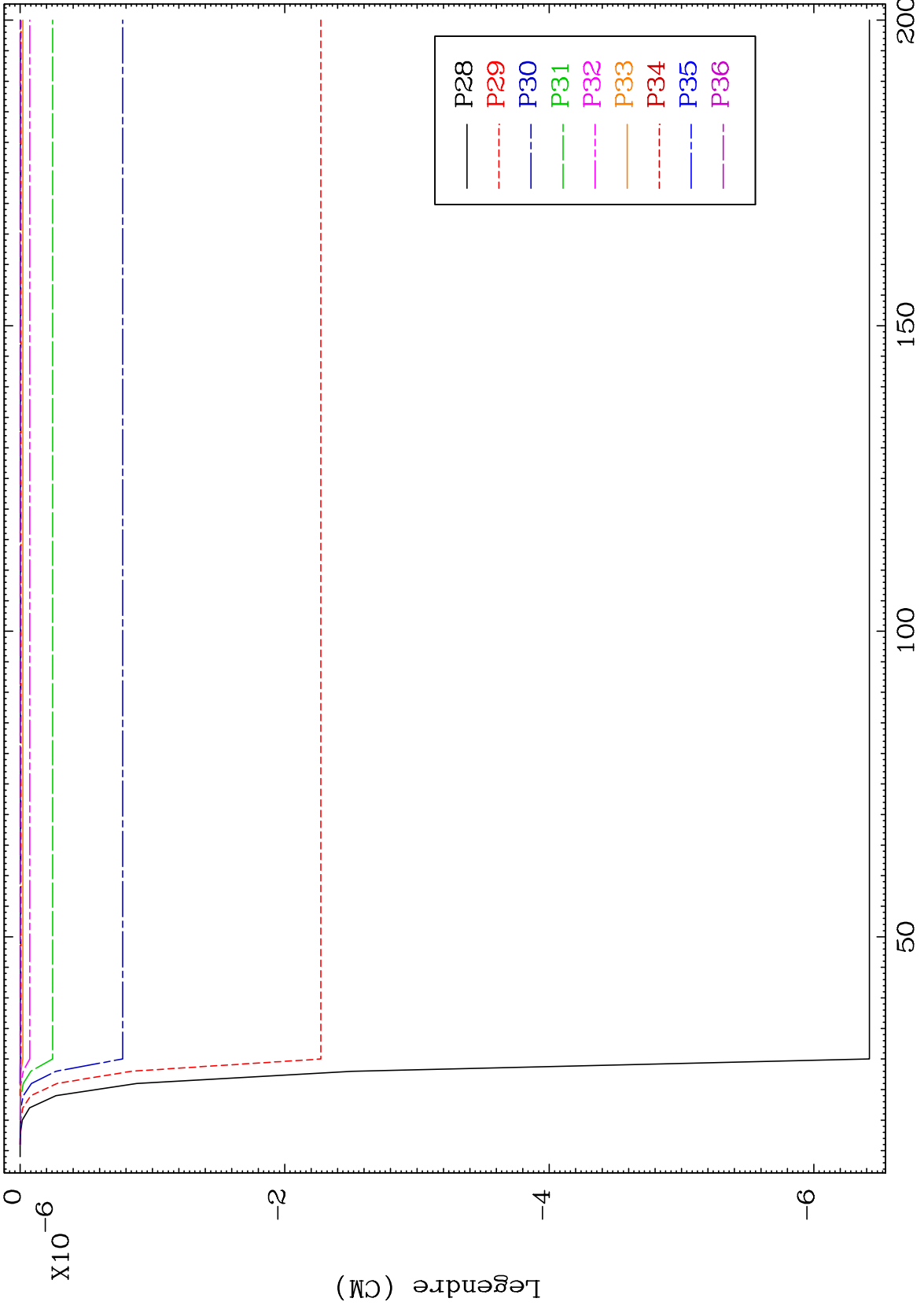
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

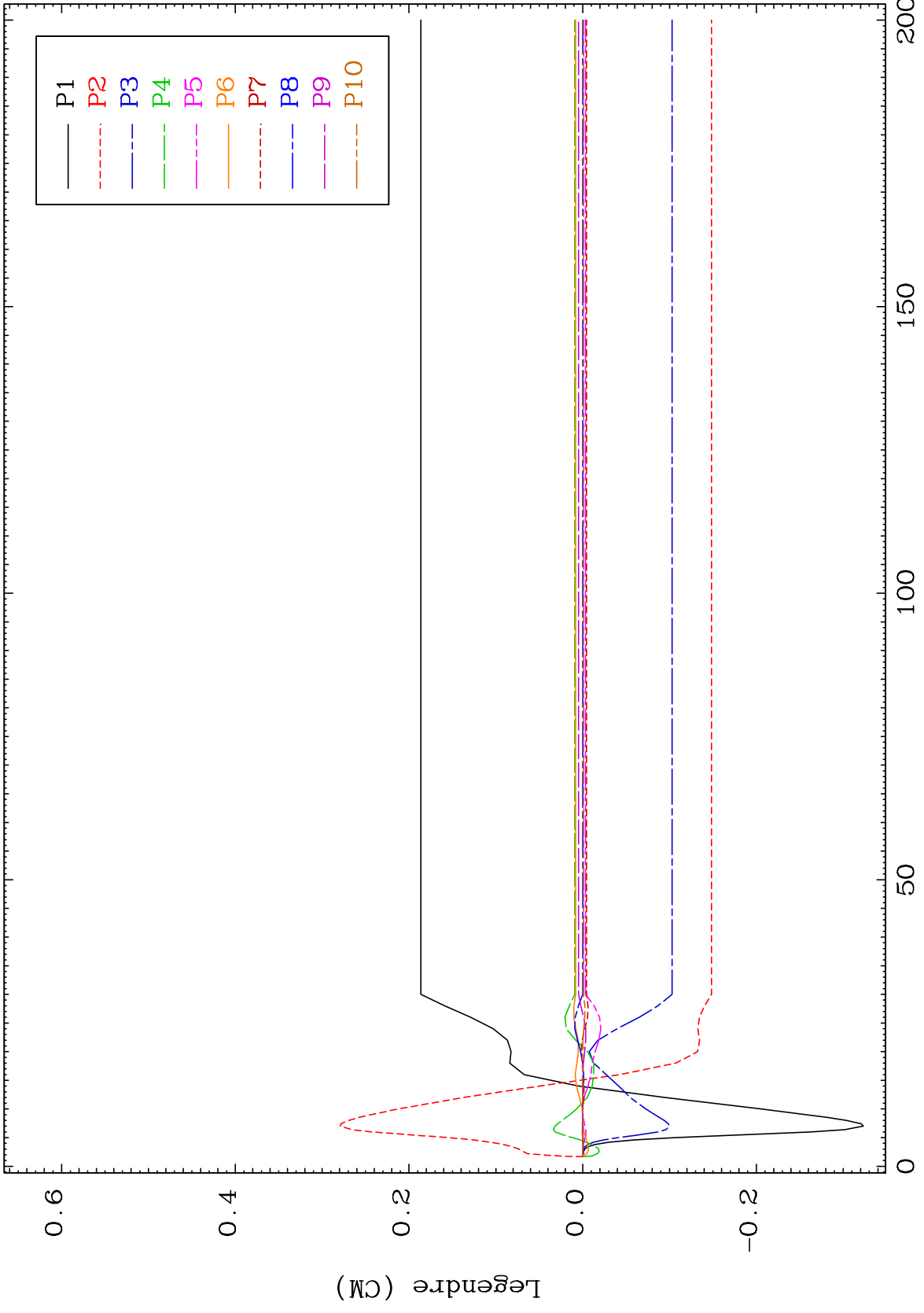
60-Nd-152



MAT 60555

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

60-Nd-152



72

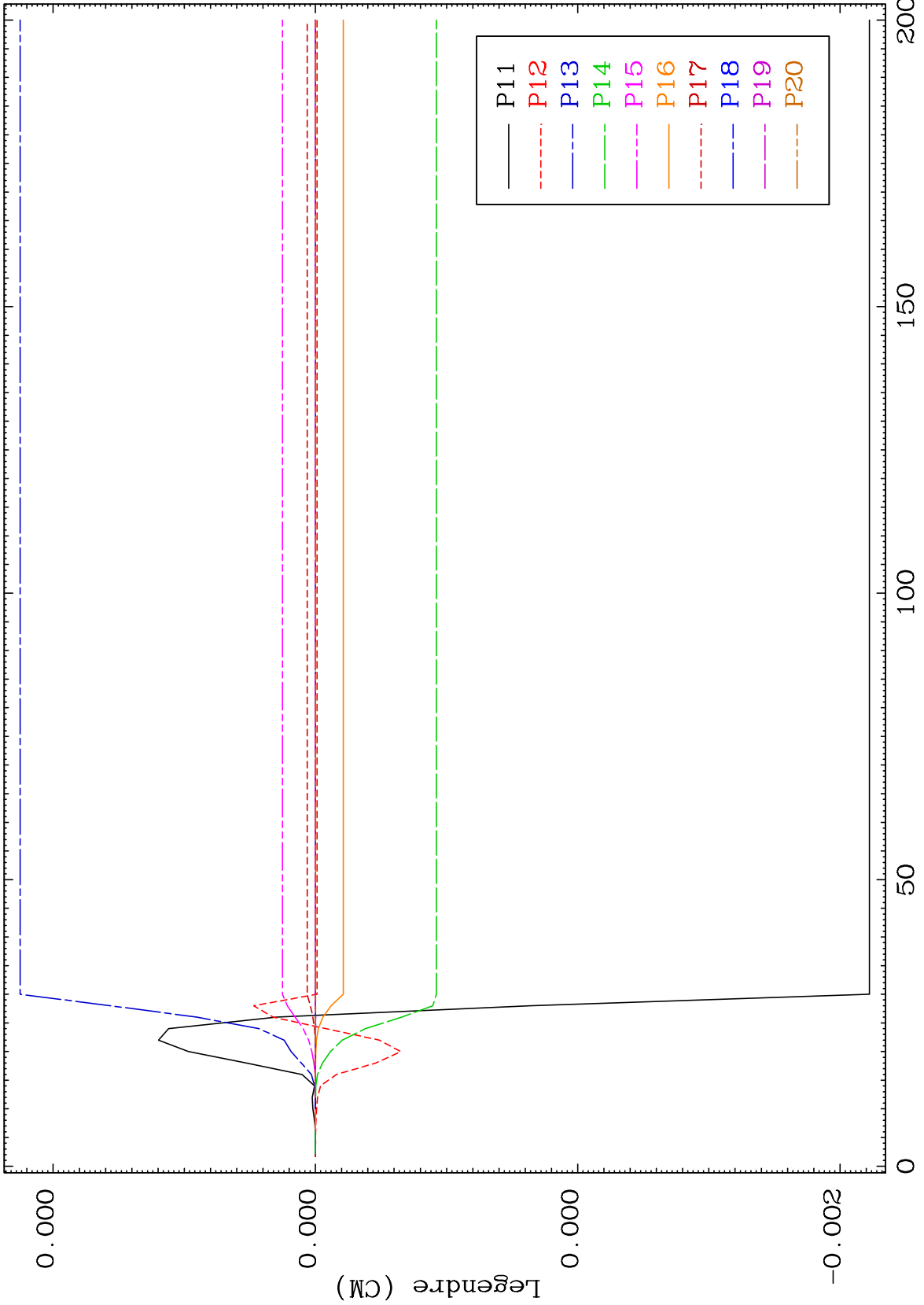
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152

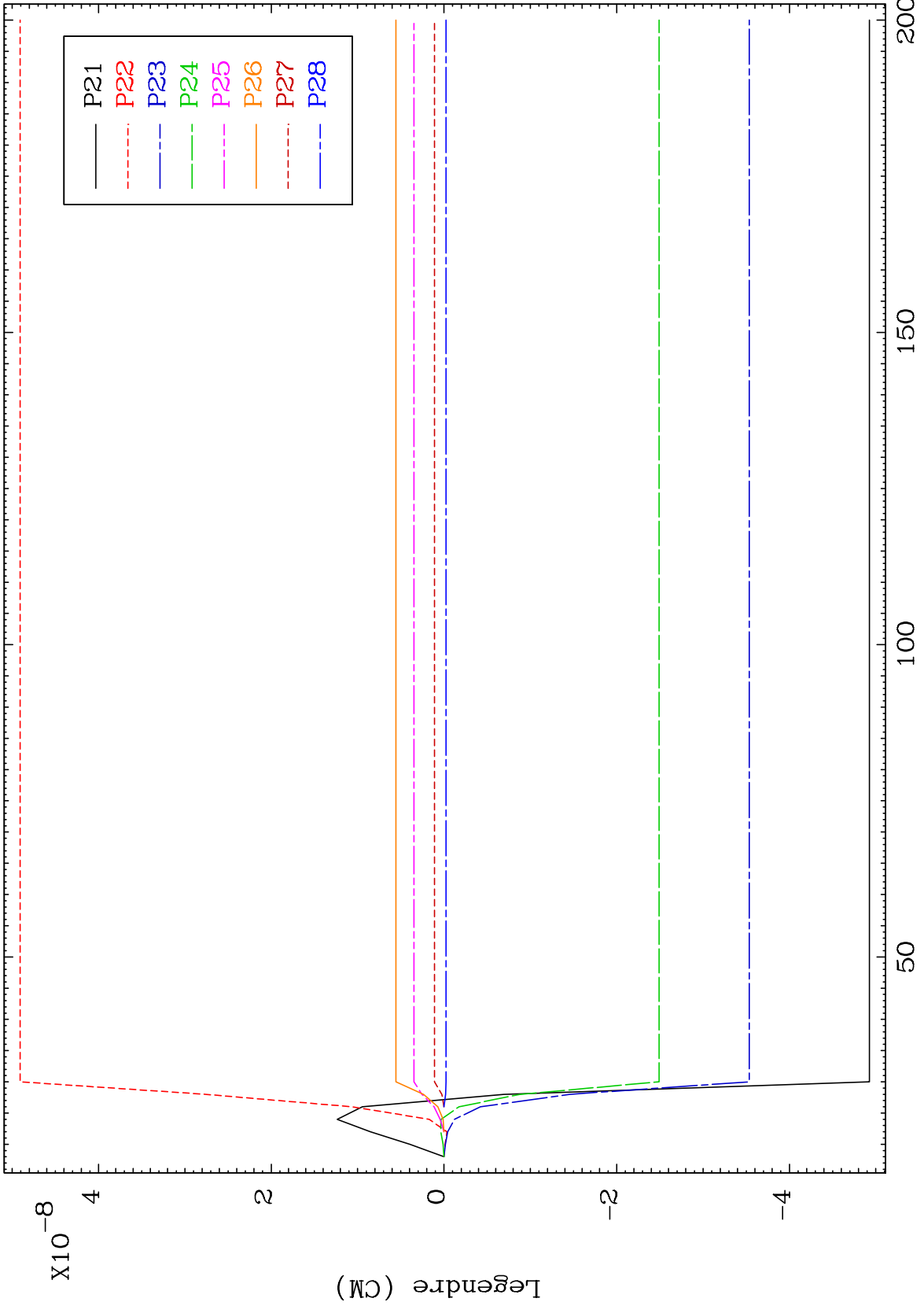


73

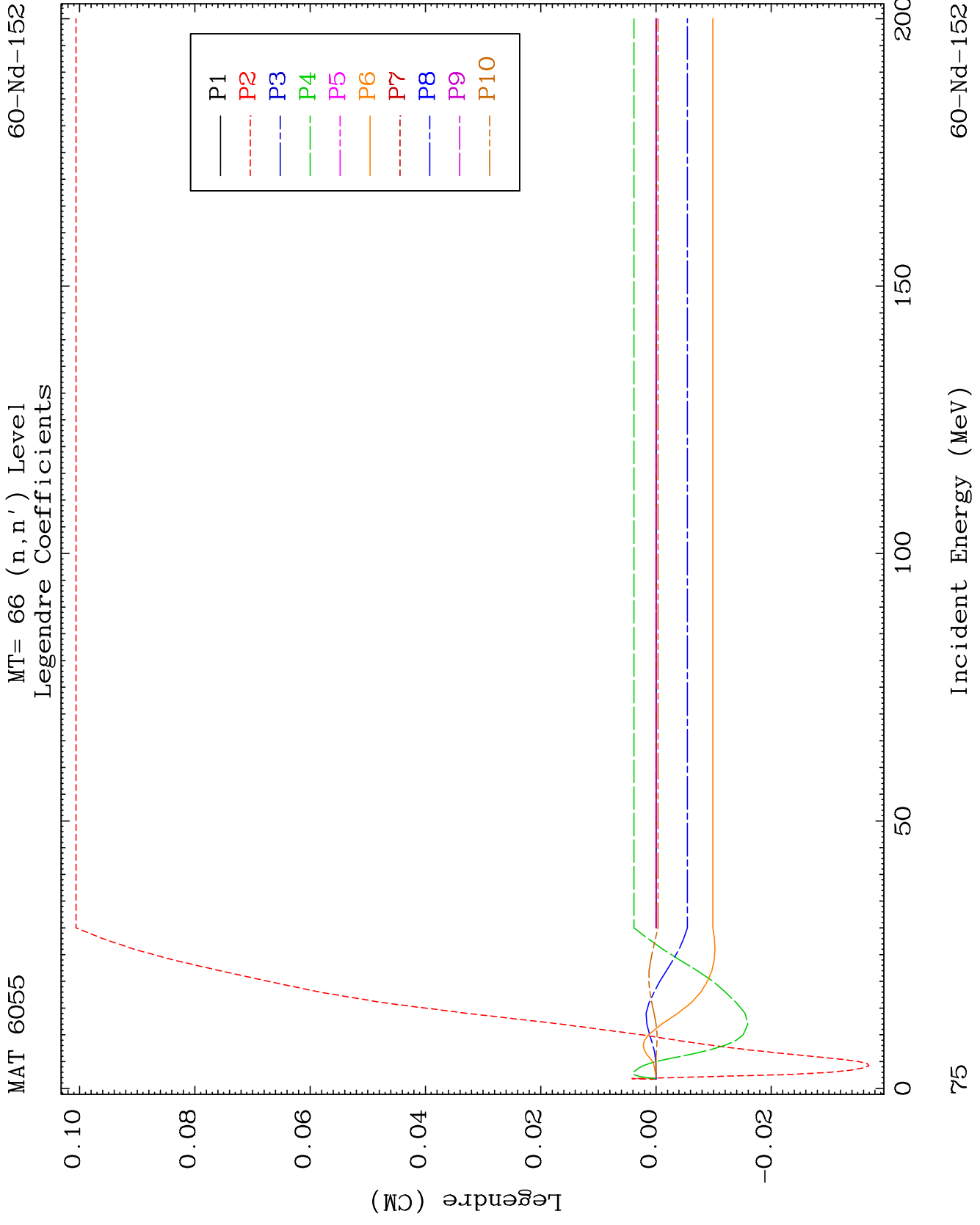
Incident Energy (MeV)

60-Nd-152

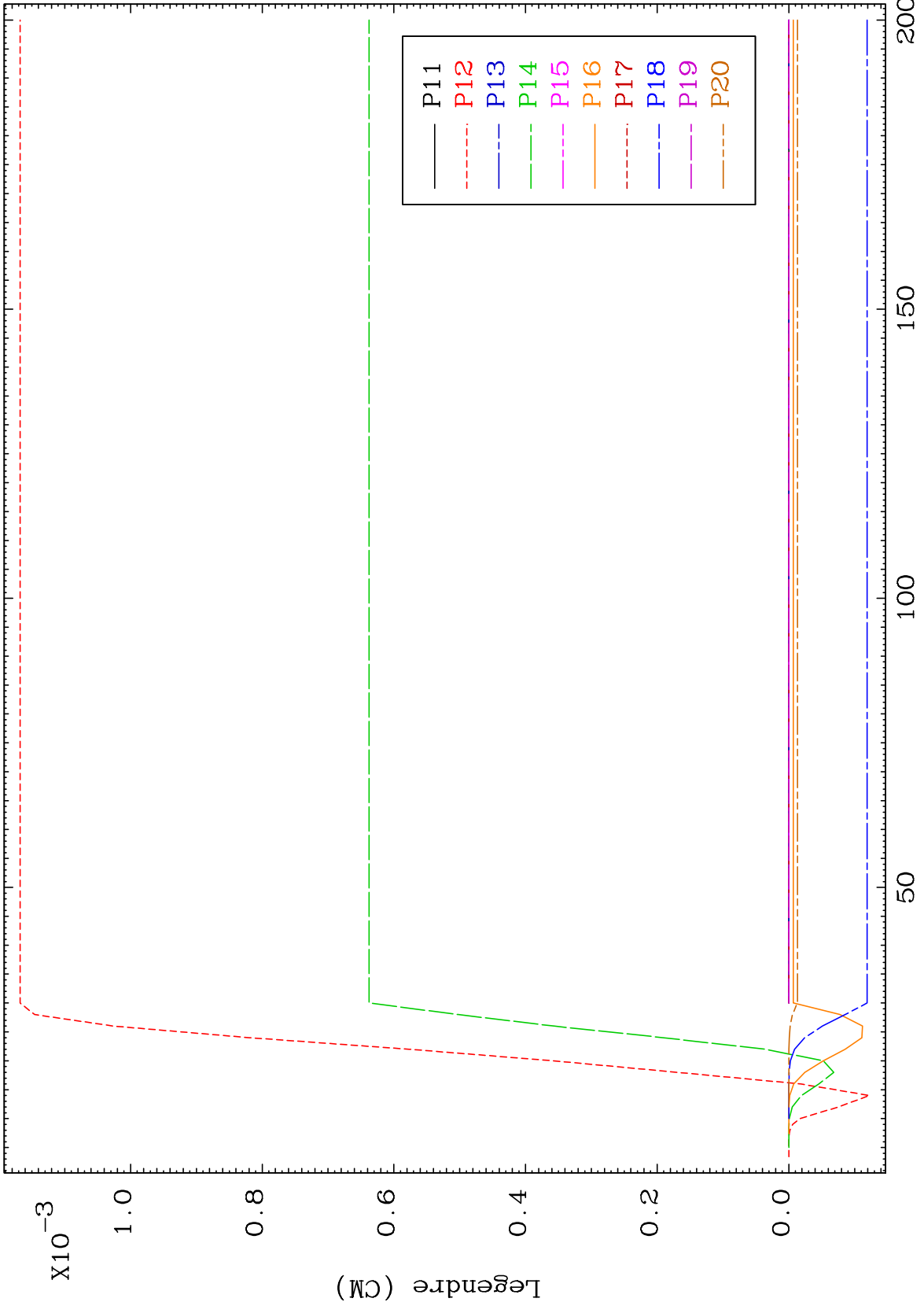
MAT 6055 MT= 65 (n,n') Level Legendre Coefficients 60-Nd-152



74 60-Nd-152

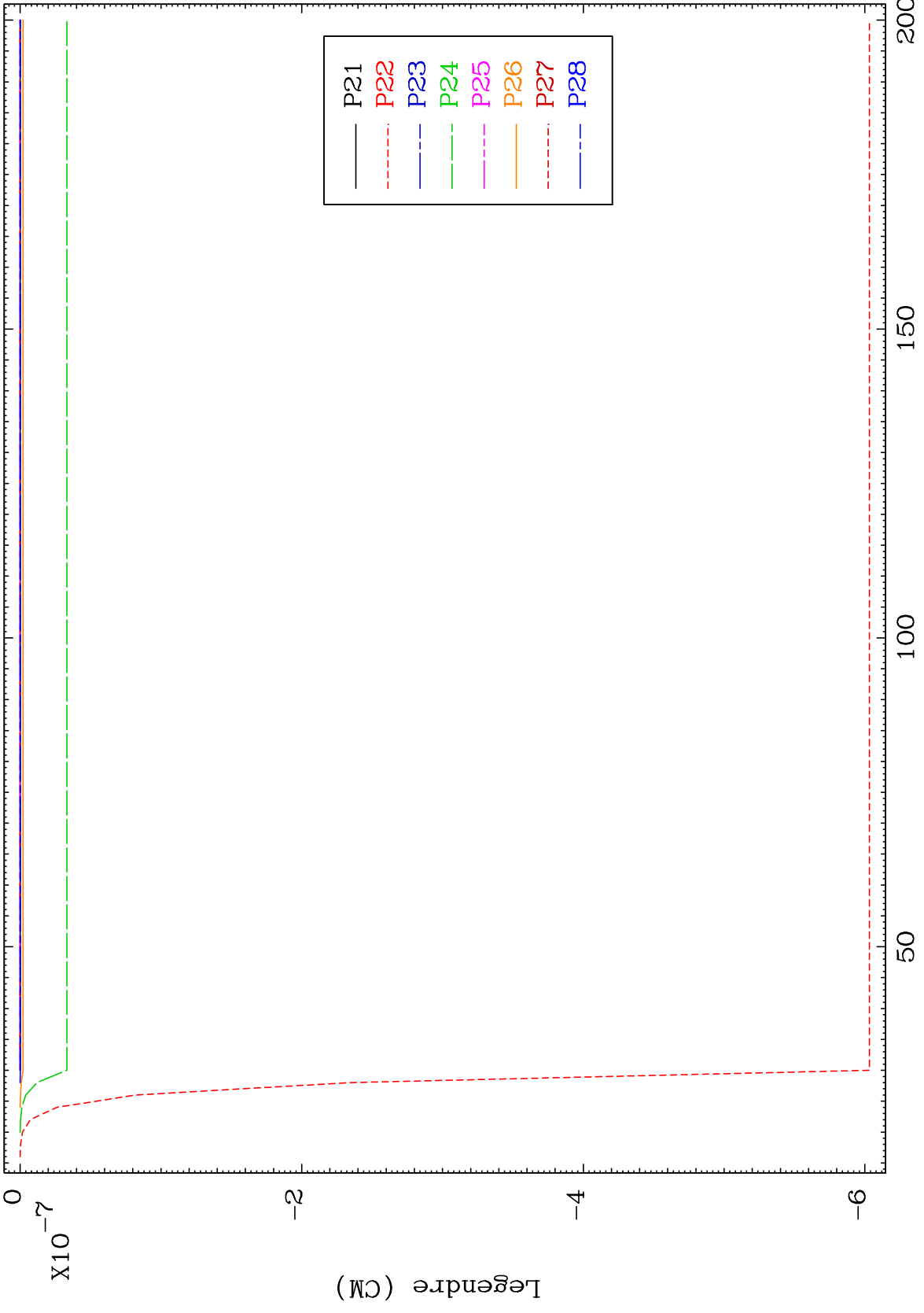


MAT 6055 MT= 66 (n,n') Level Legendre Coefficients 60-Nd-152



76 Incident Energy (MeV) 60-Nd-152

MAT 6055 MT= 66 (n,n') Level Legendre Coefficients 60-Nd-152

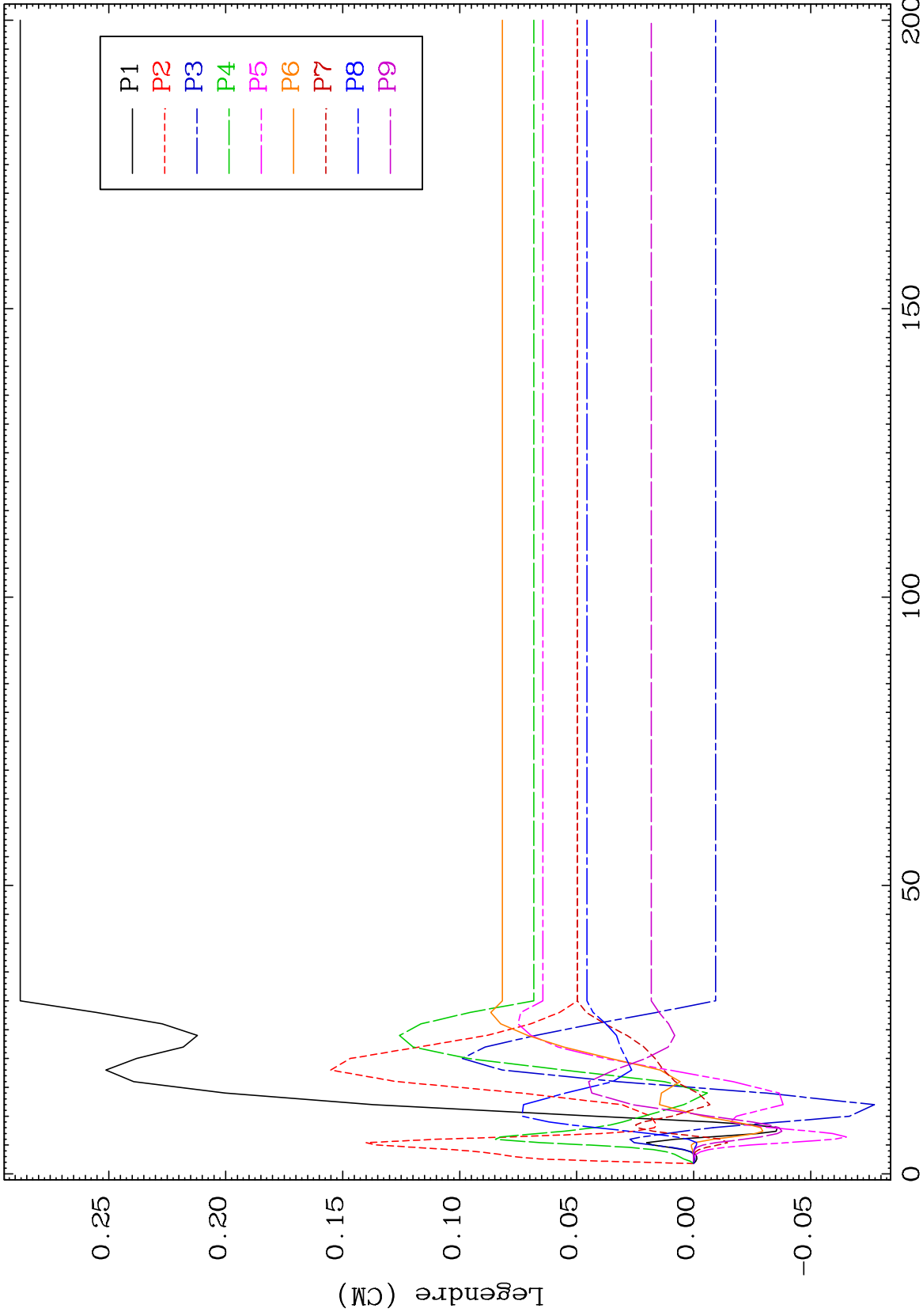


77 60-Nd-152

MAT 6055

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

60-Nd-152



78

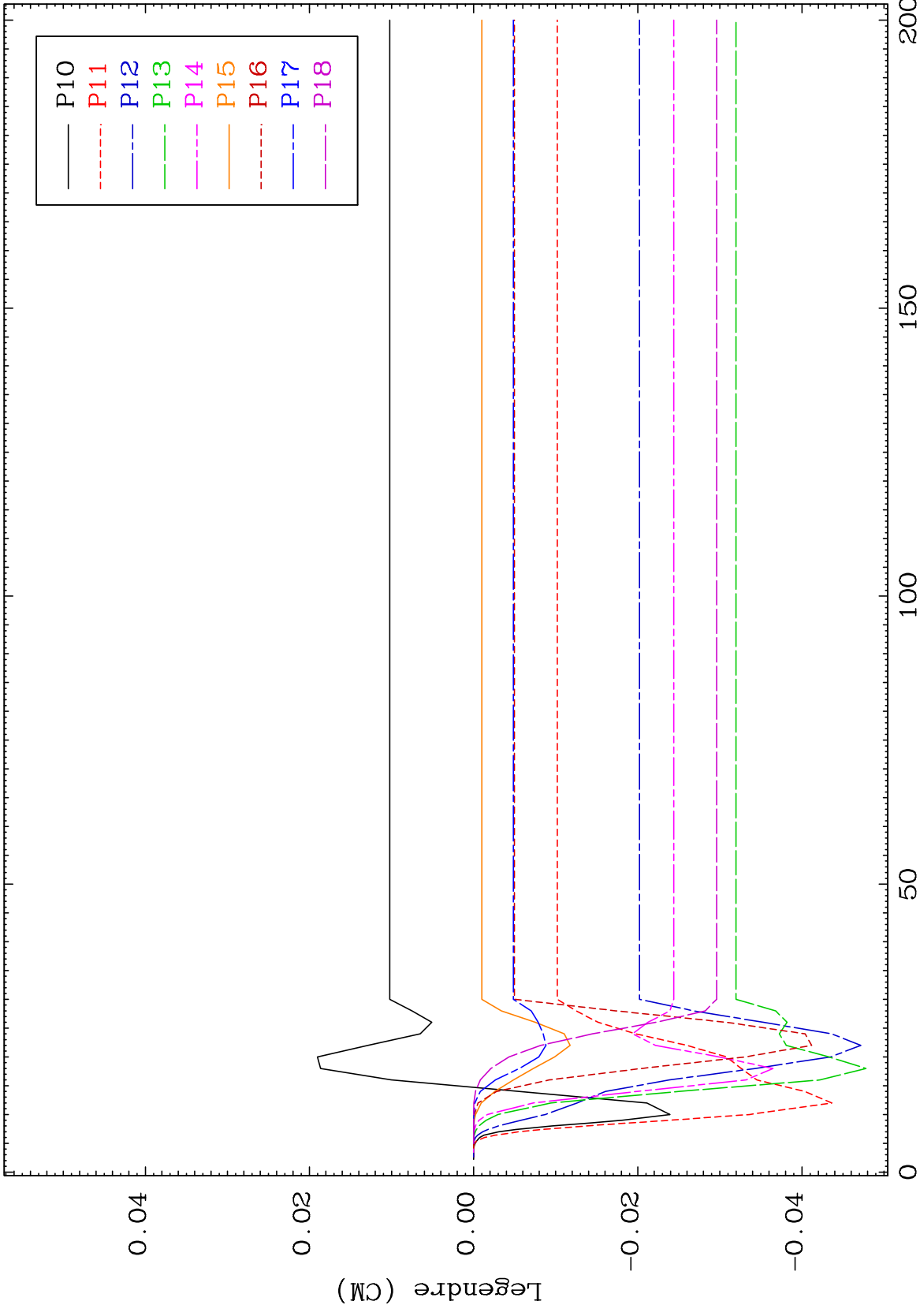
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152

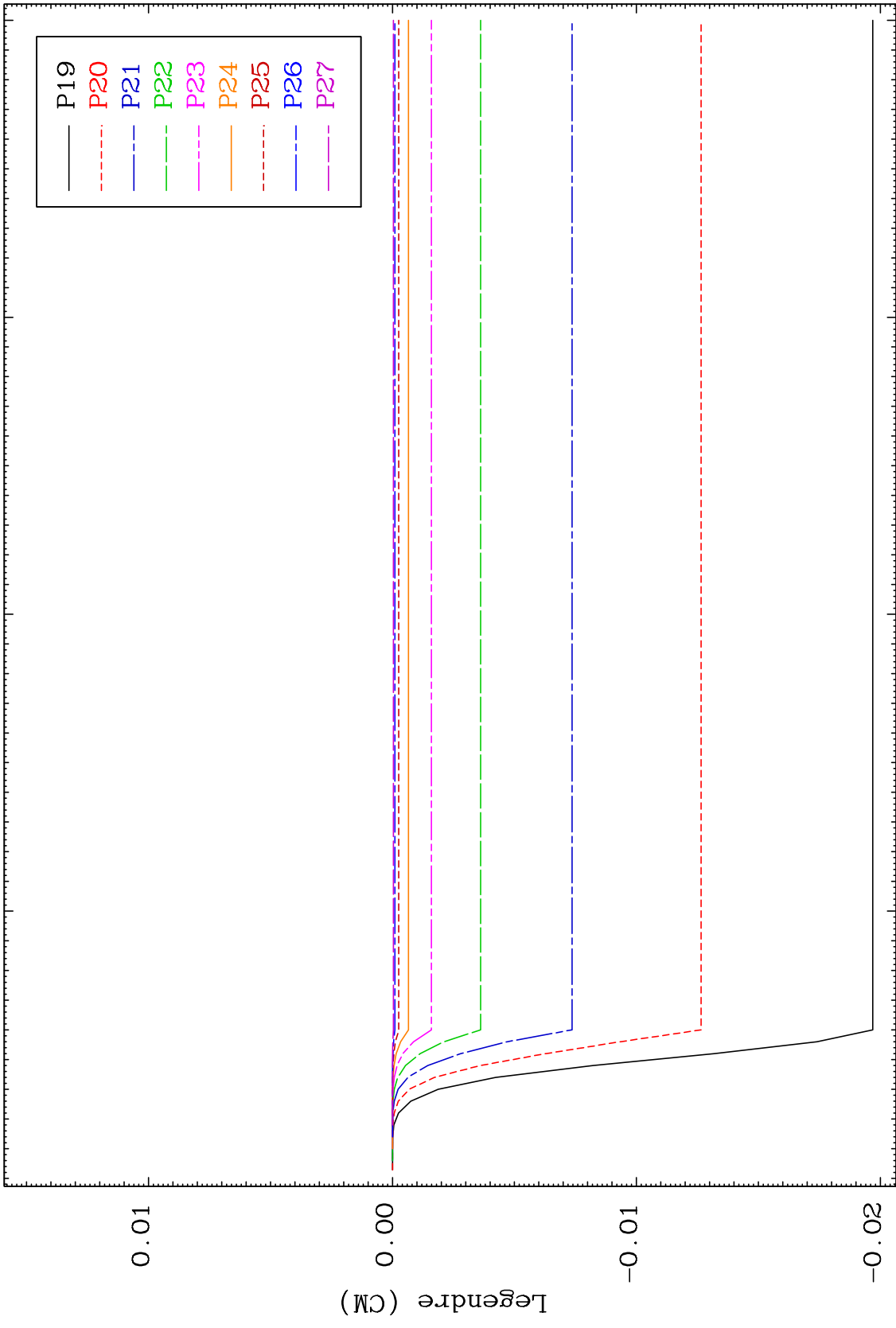


79

Incident Energy (MeV)

60-Nd-152

MAT 6055 MT= 67 (n,n') Level Legendre Coefficients 60-Nd-152

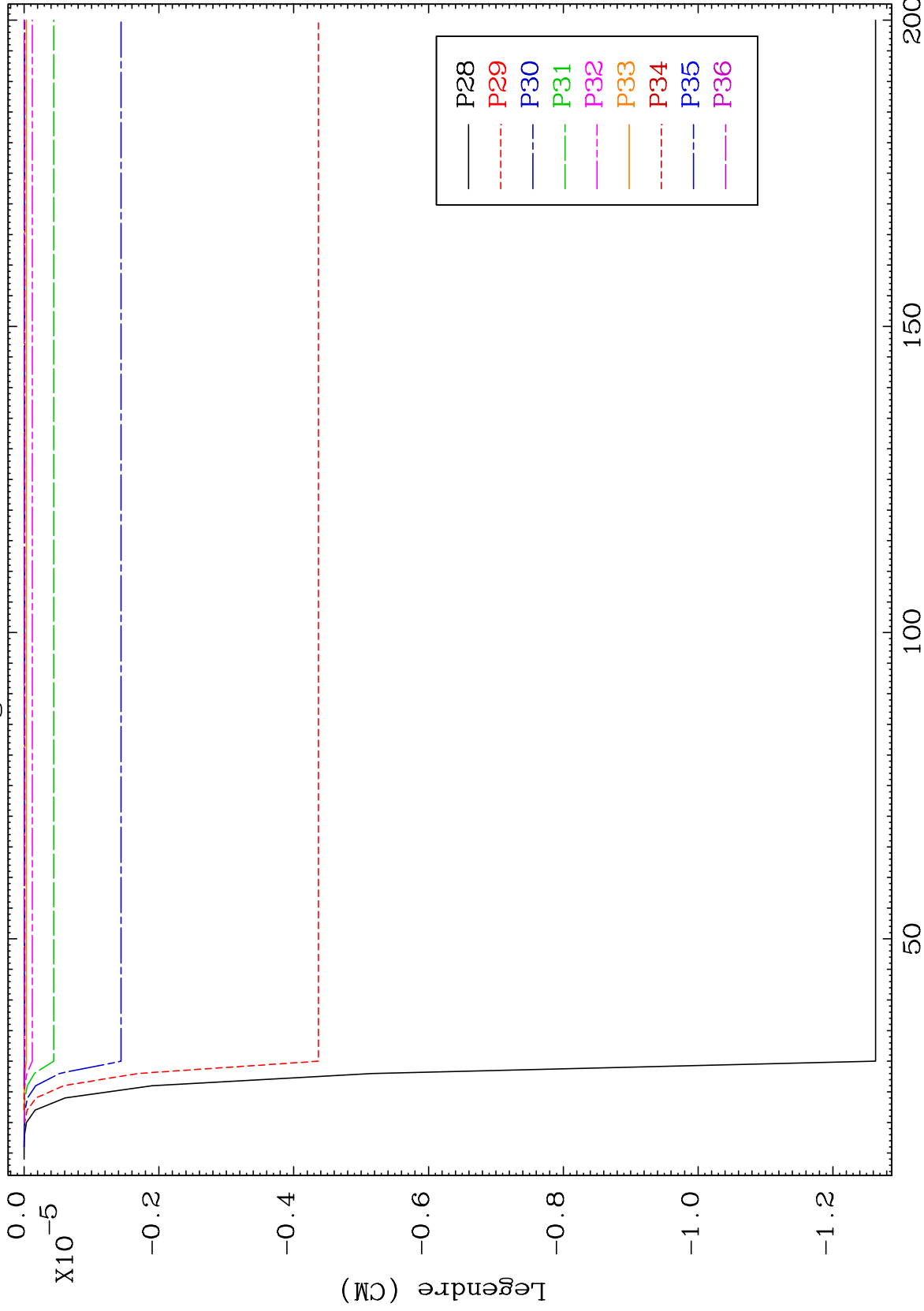


80 Incident Energy (MeV) 60-Nd-152

MAT 6055

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

60-Nd-152



MAT 6055

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

60-Nd-152



83

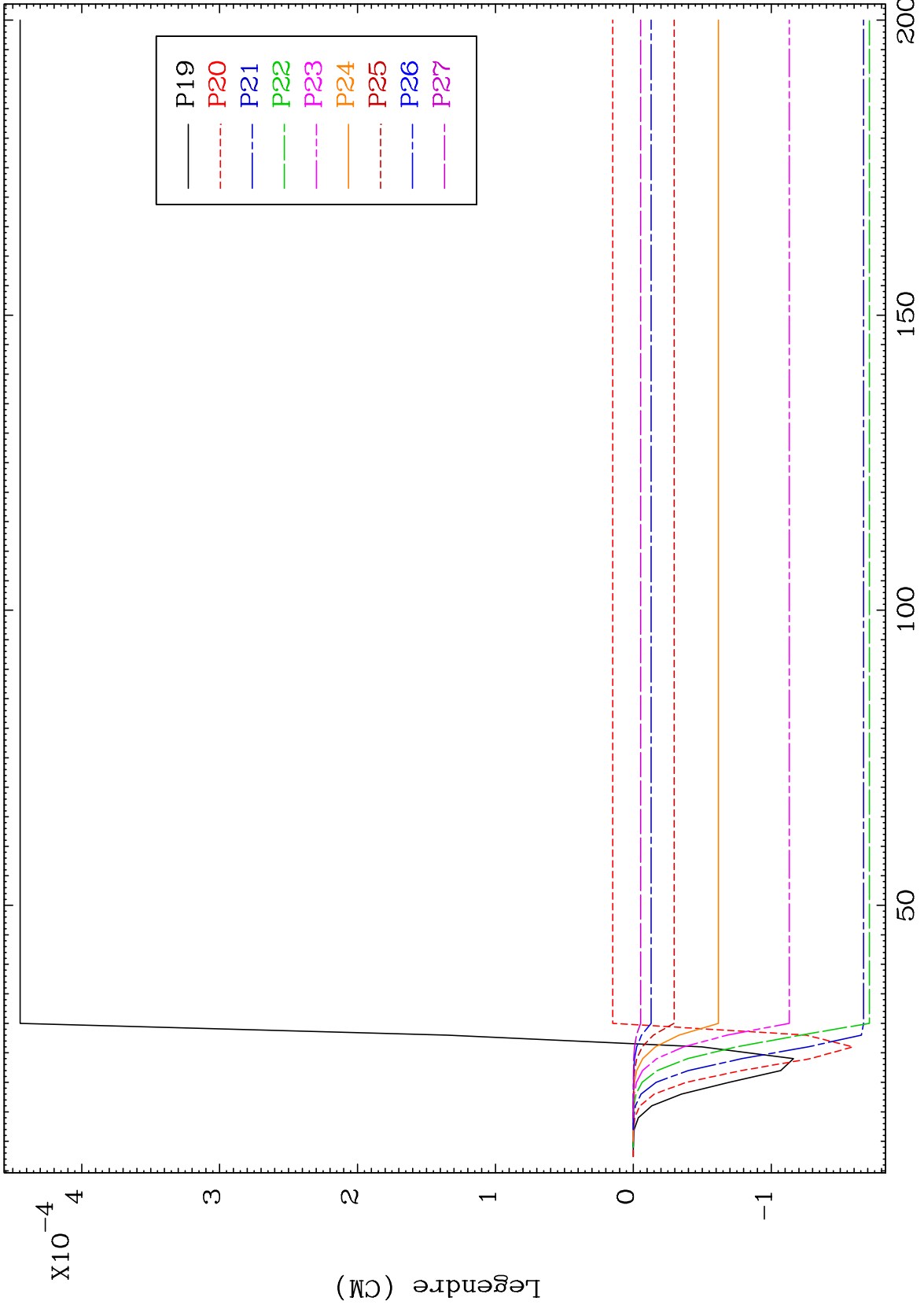
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



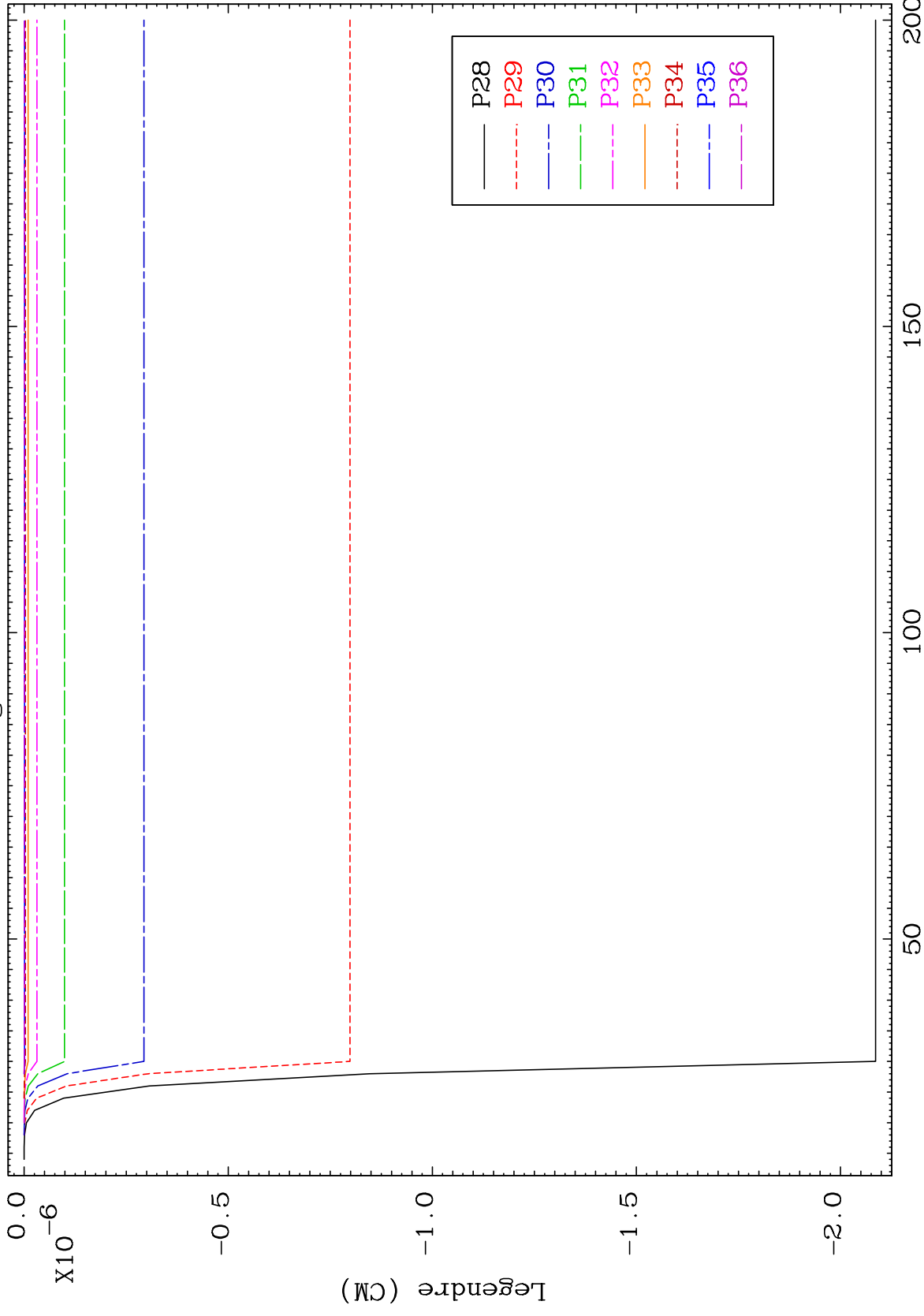
84

60-Nd-152

MAT 6055

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

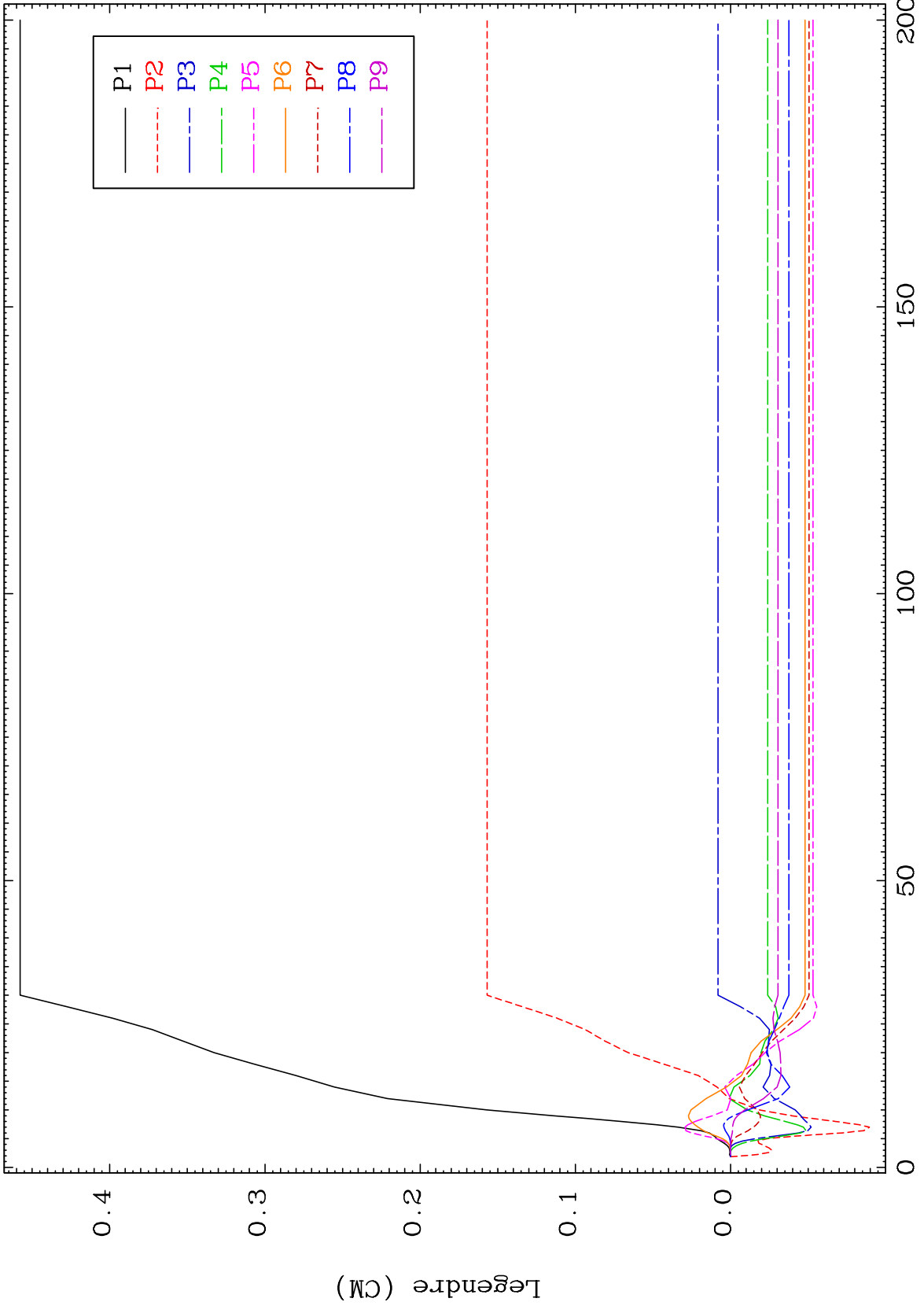
60-Nd-152



85

60-Nd-152

MAT 6055 MT= 69 (n,n') Level Legendre Coefficients 60-Nd-152

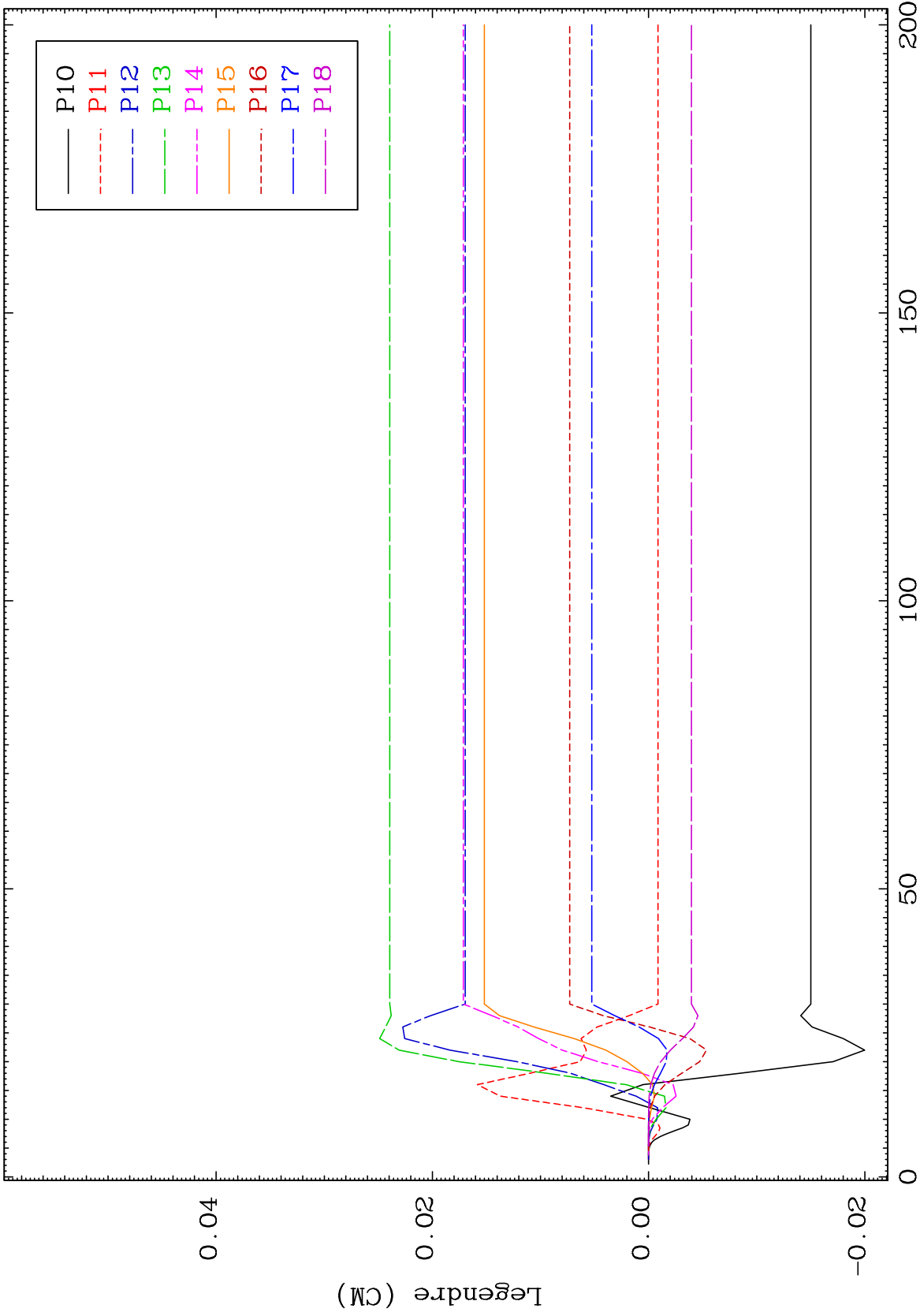


86 60-Nd-152

MAT 6055

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

60-Nd-152



87

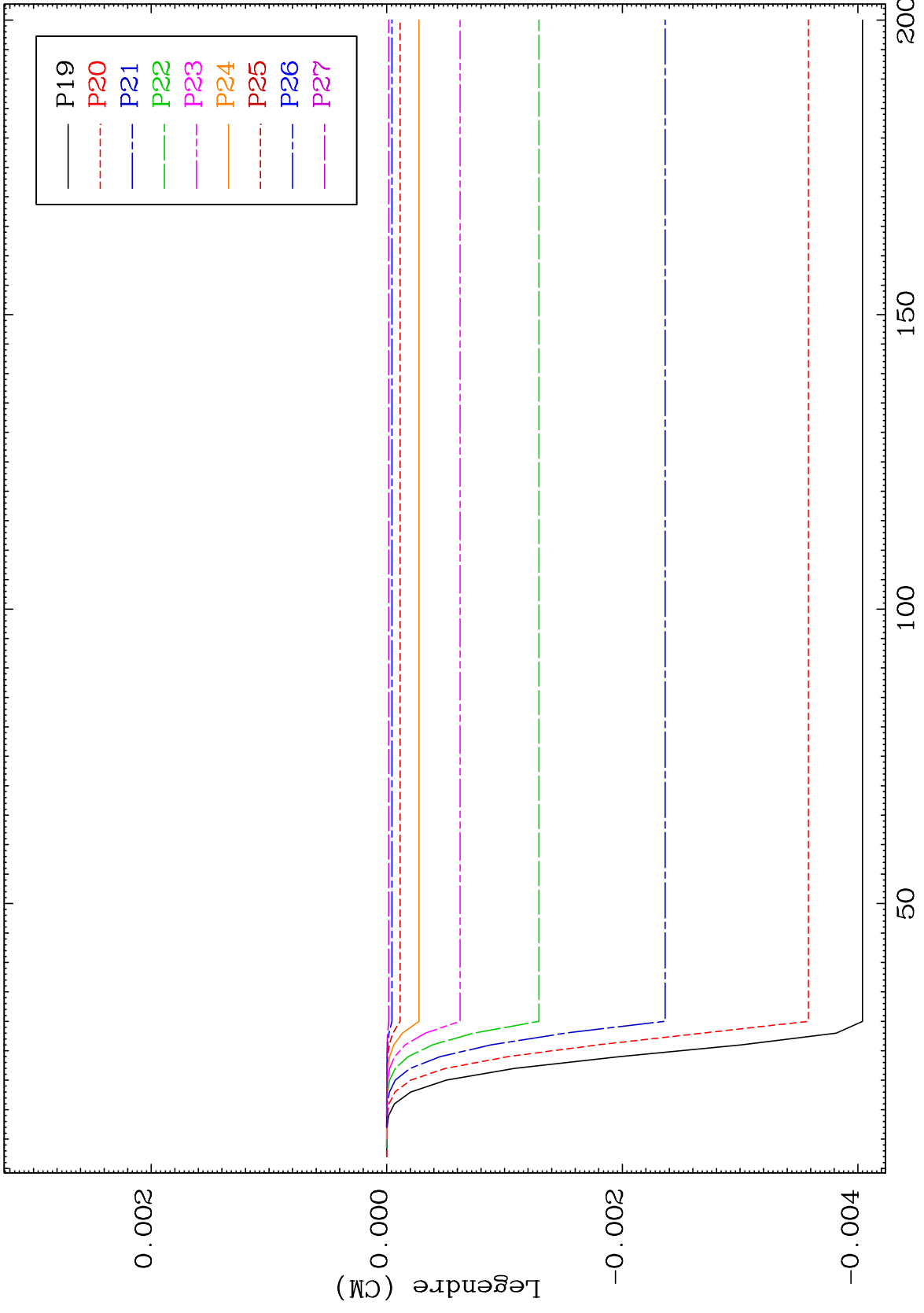
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



88

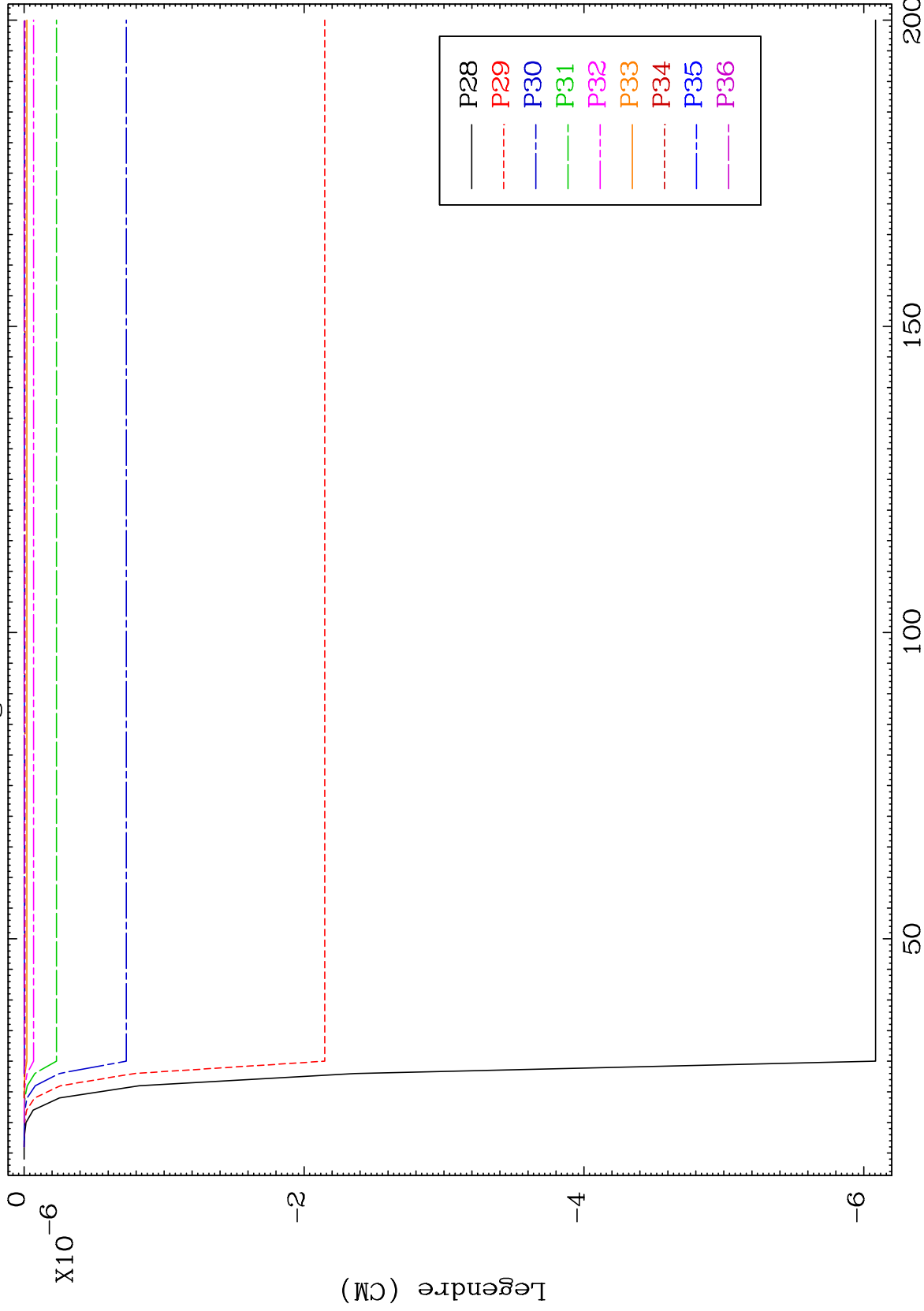
Incident Energy (MeV)

60-Nd-152

MAT 6055

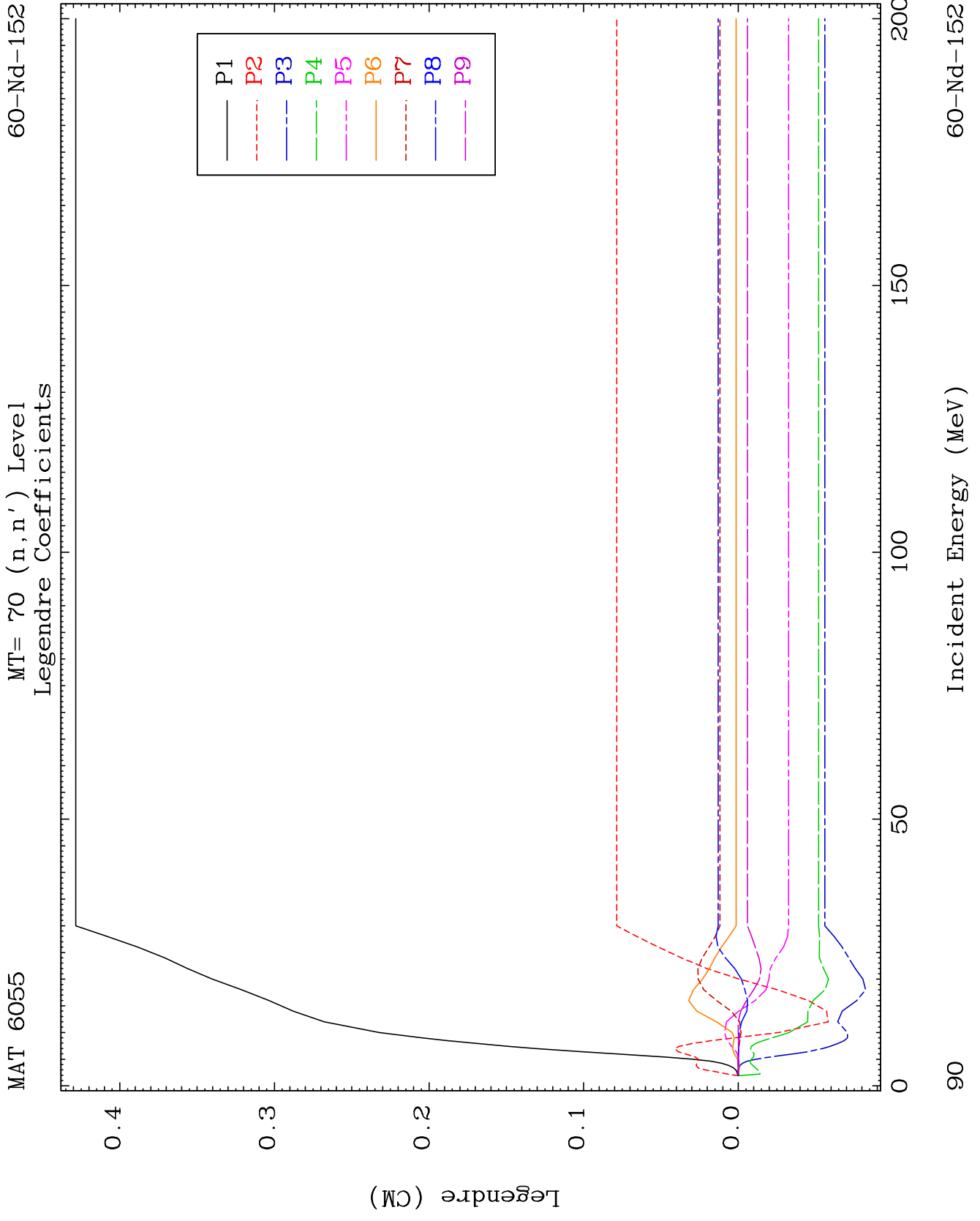
MT= 69 (n,n') Level
Legendre Coefficients

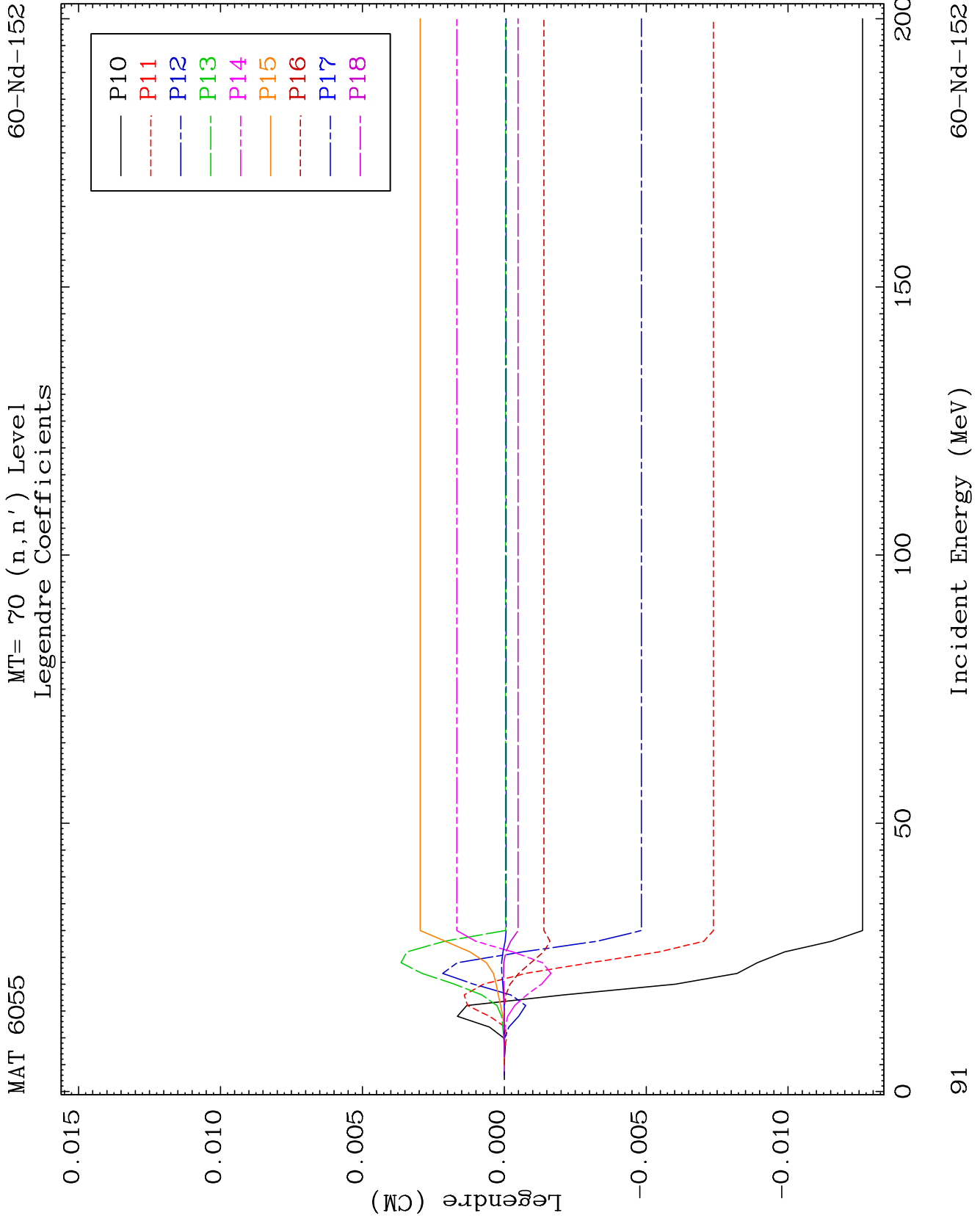
60-Nd-152



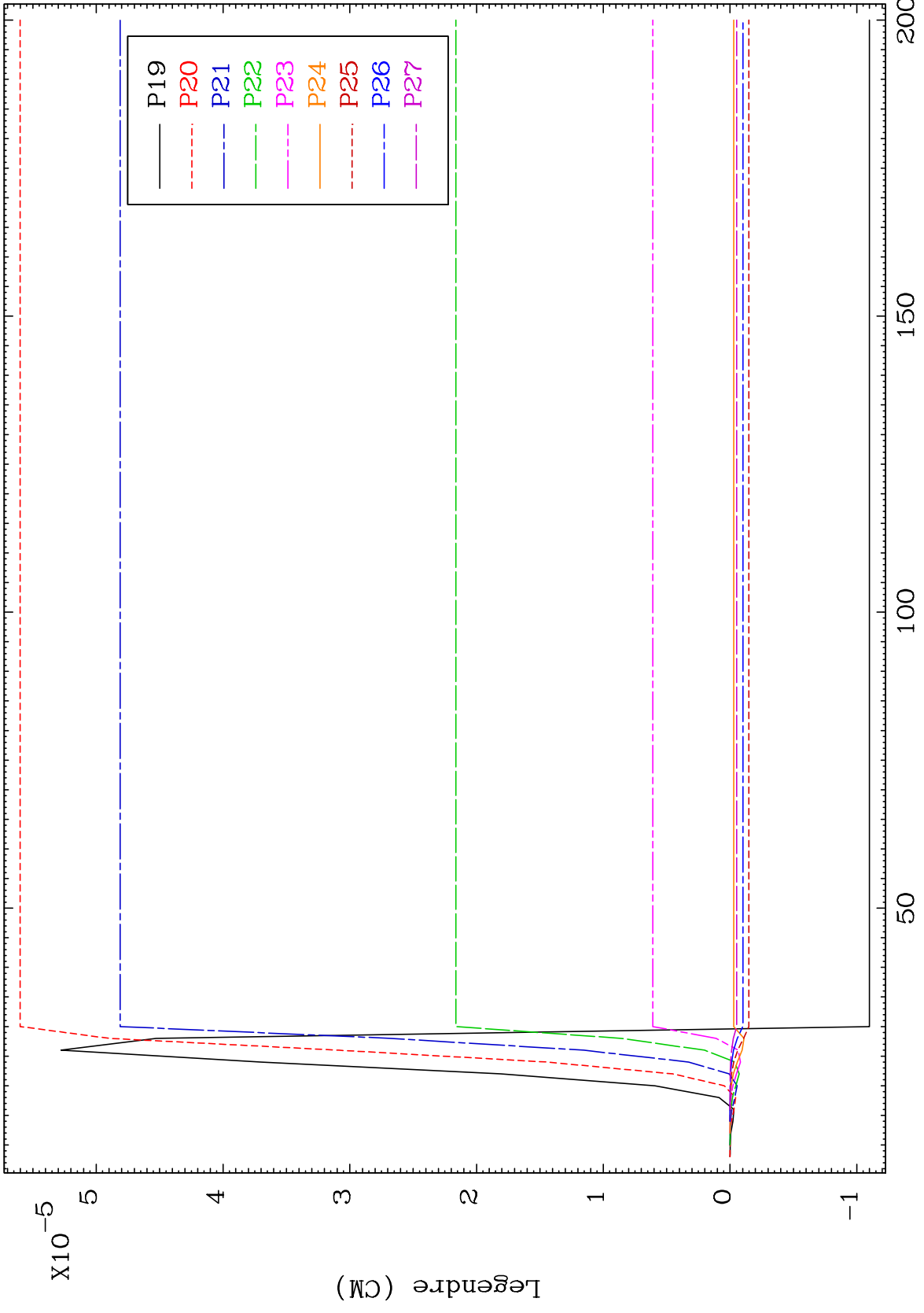
89

60-Nd-152





MAT 6055 MT= 70 (n,n') Level Legendre Coefficients 60-Nd-152

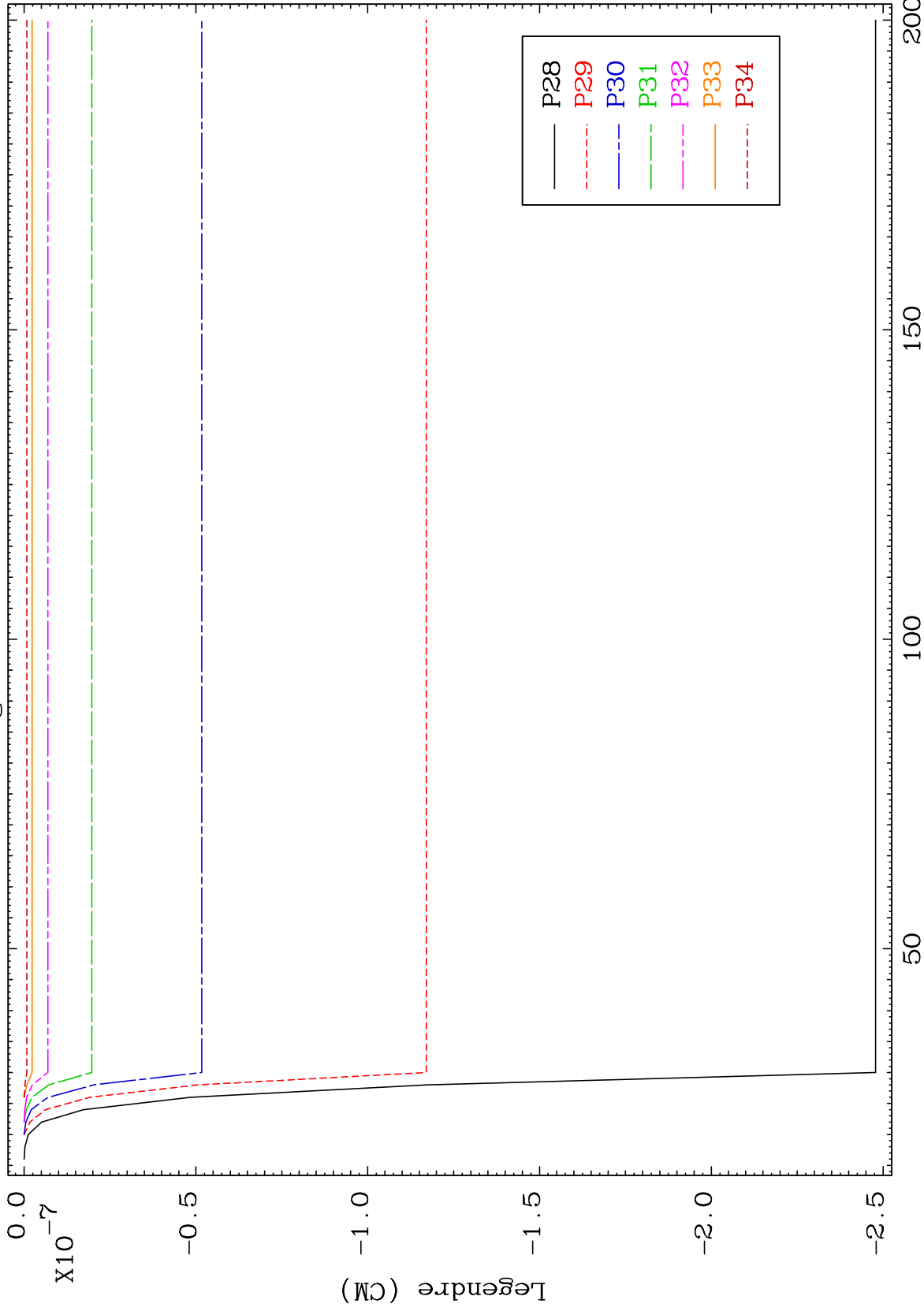


92 60-Nd-152

MAT 6055

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

60-Nd-152



93

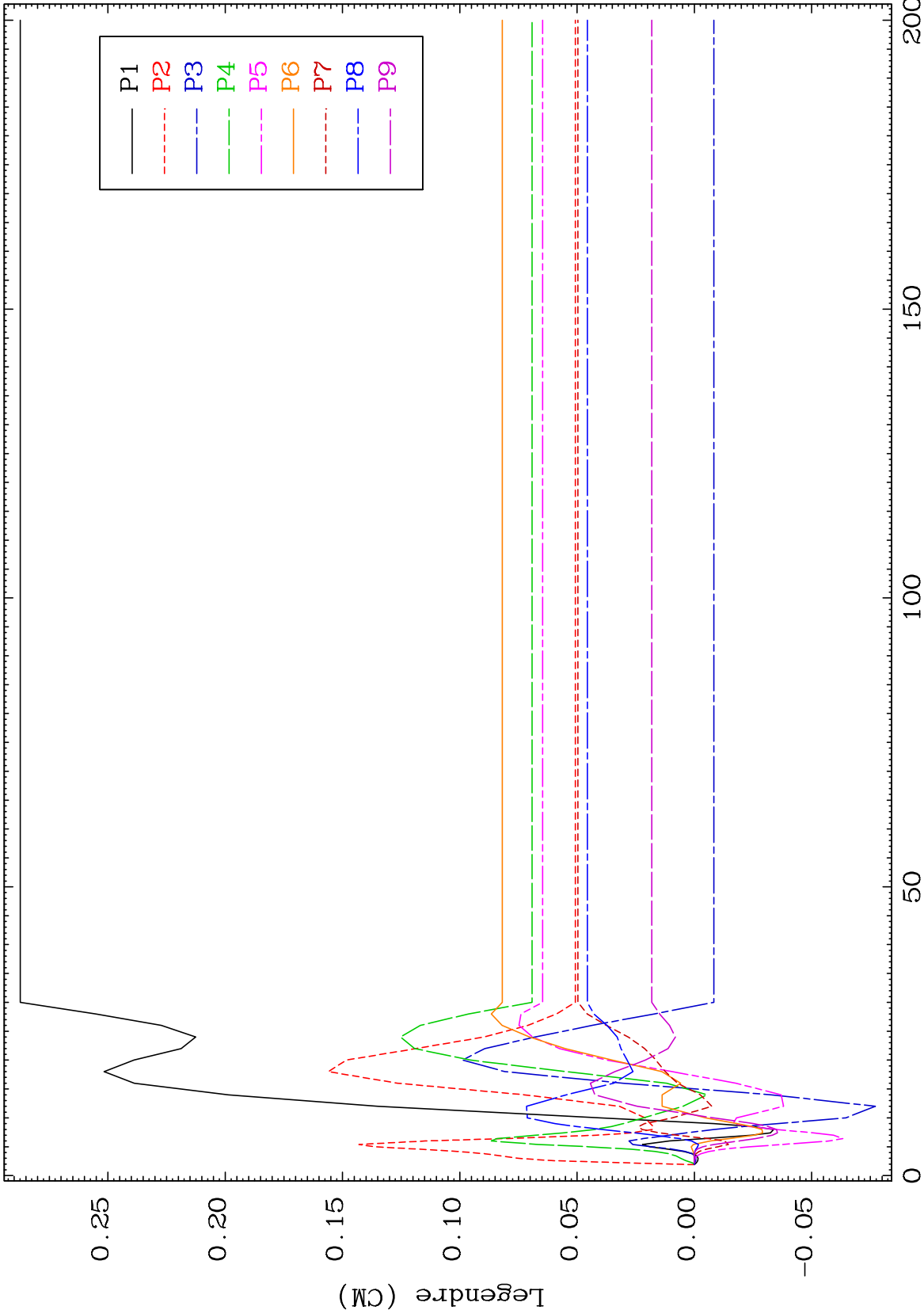
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



94

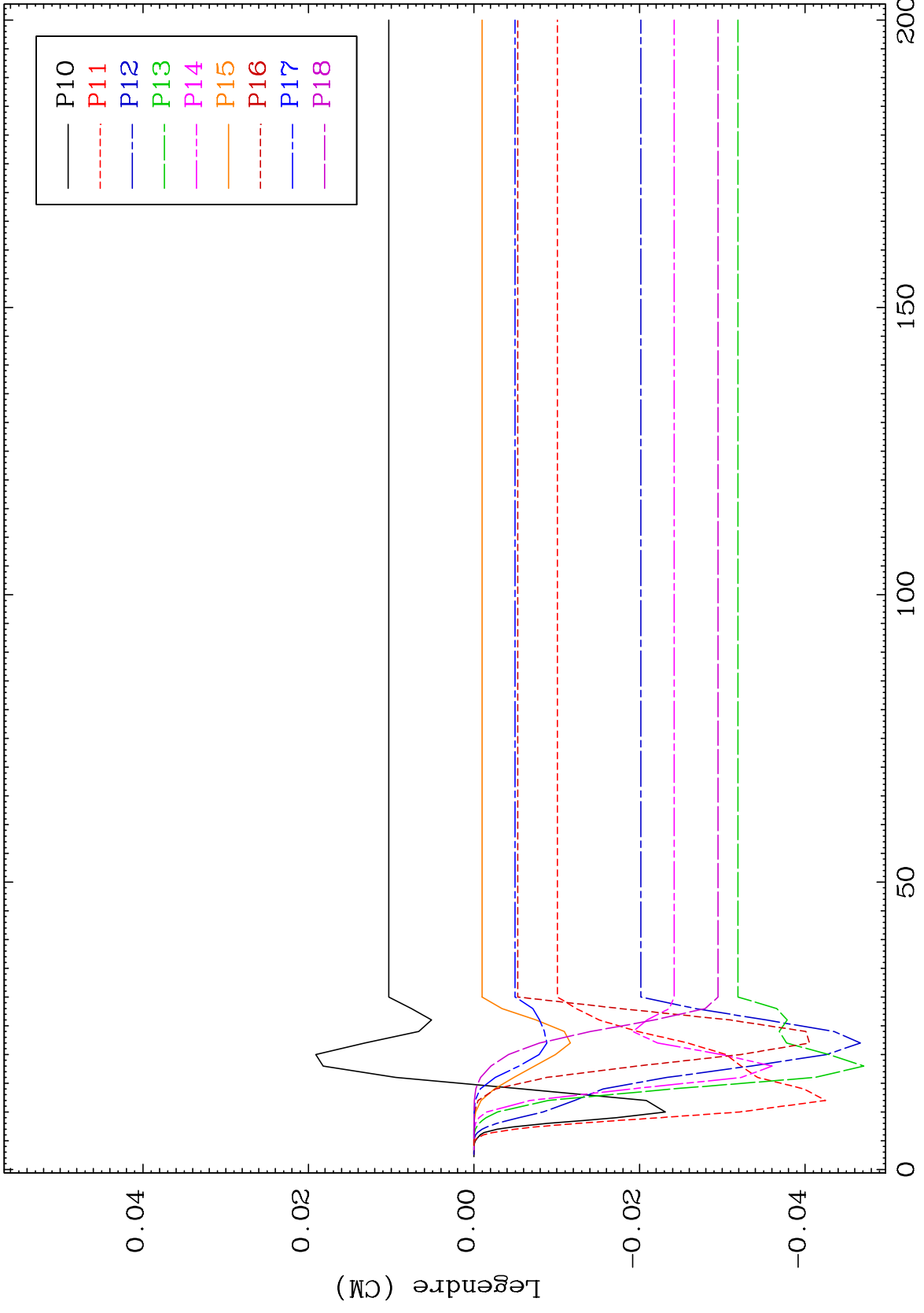
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



95

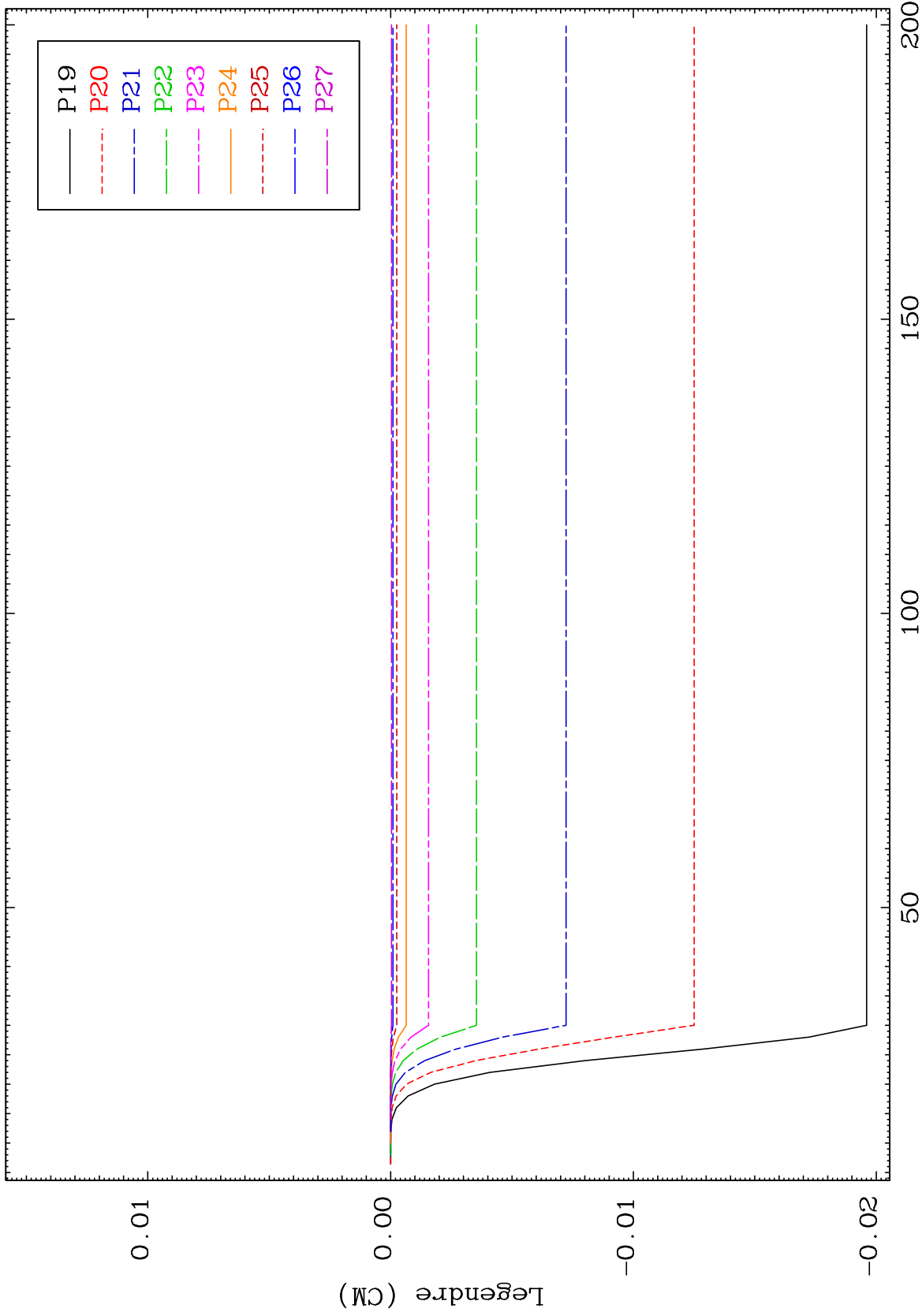
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



96

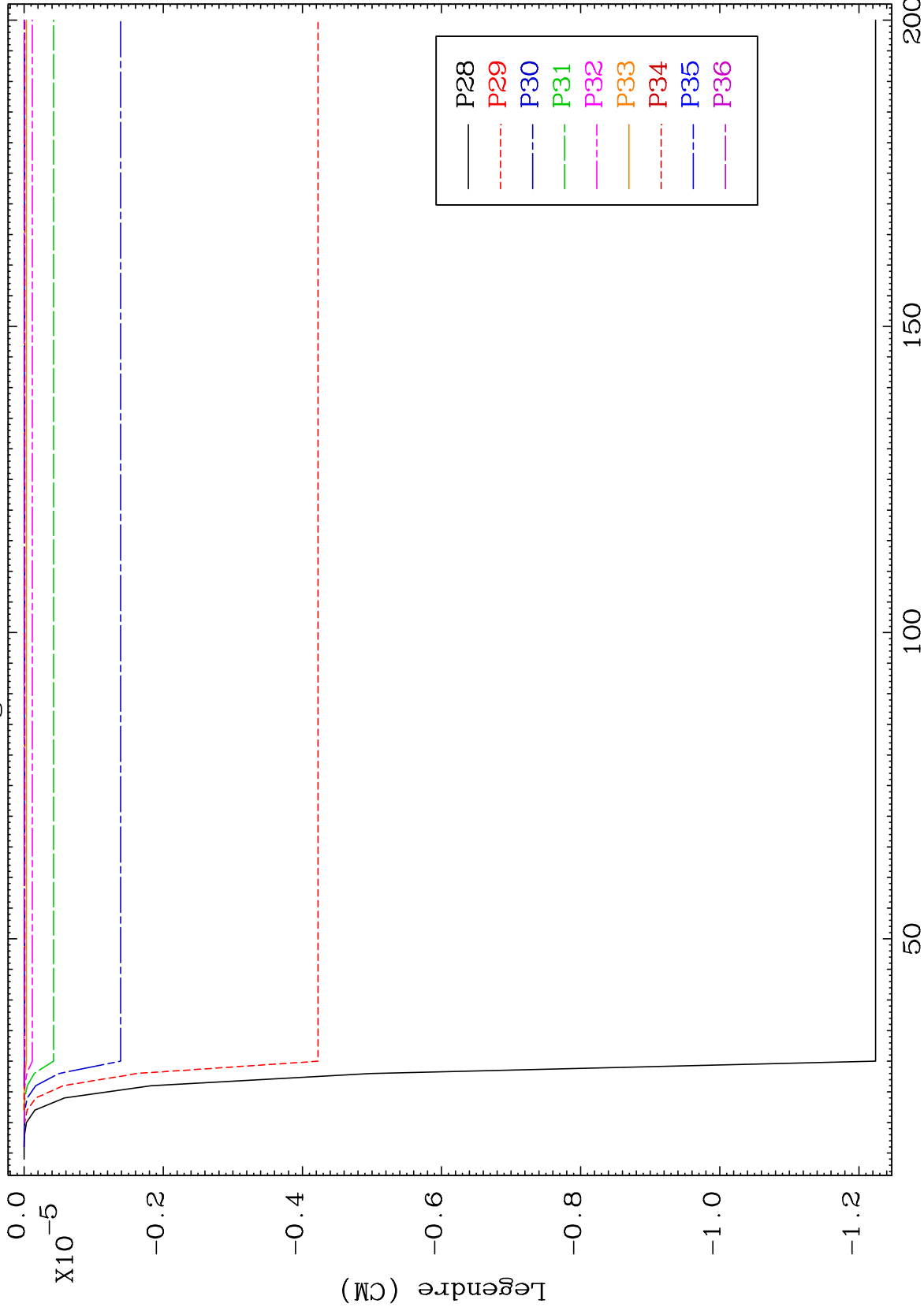
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

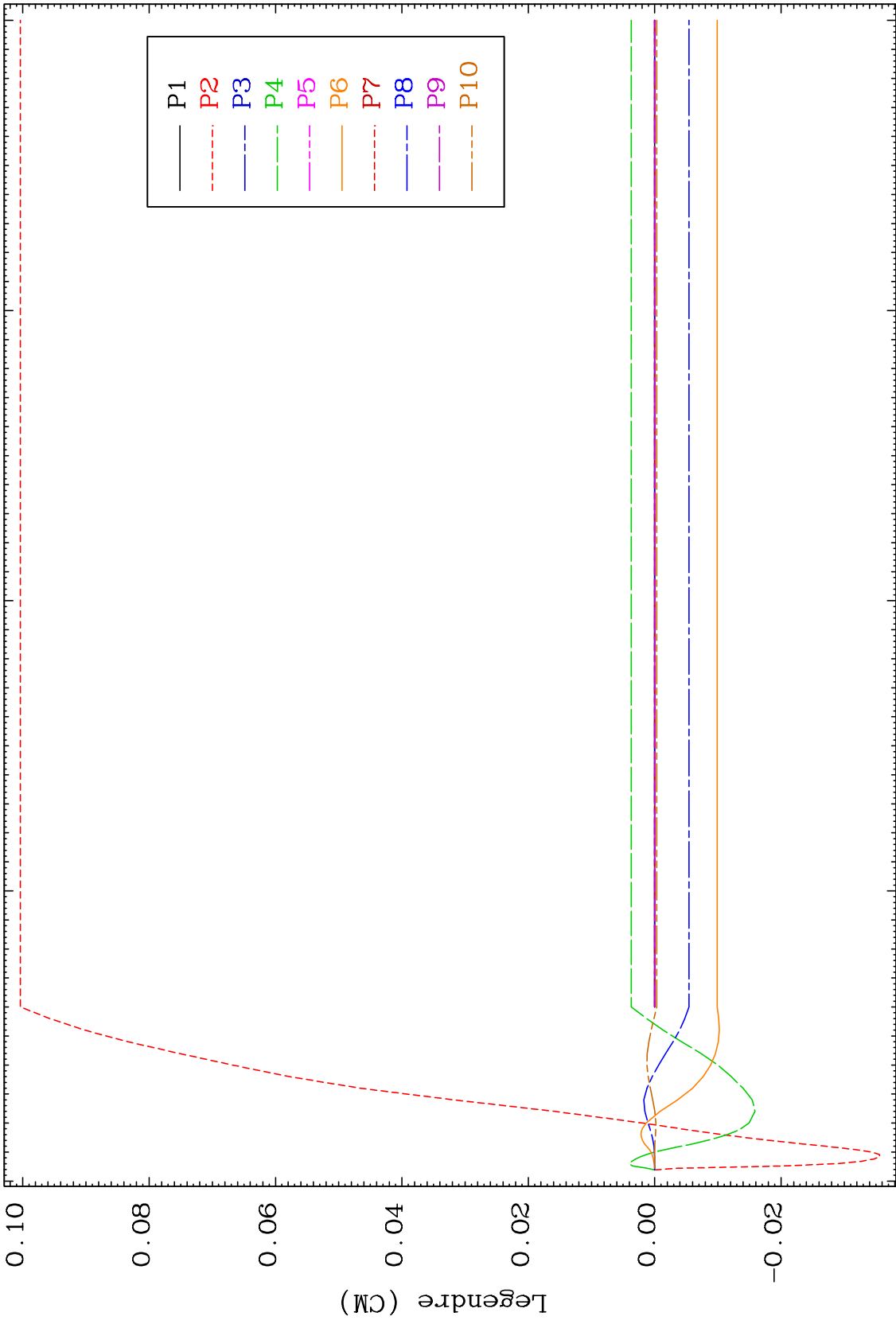
60-Nd-152



97

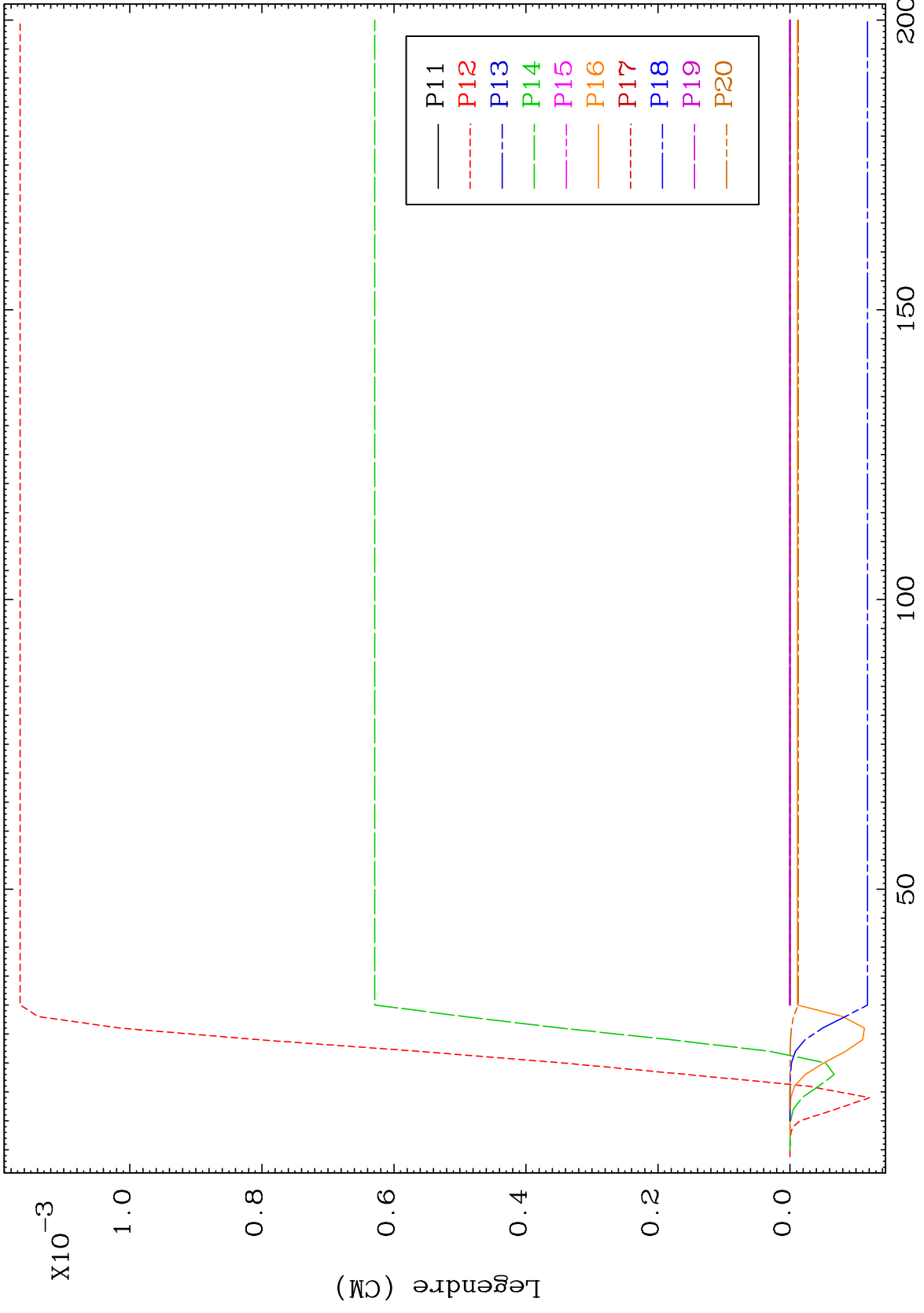
60-Nd-152

MAT 6055 MT= 72 (n,n') Level Legendre Coefficients 60-Nd-152



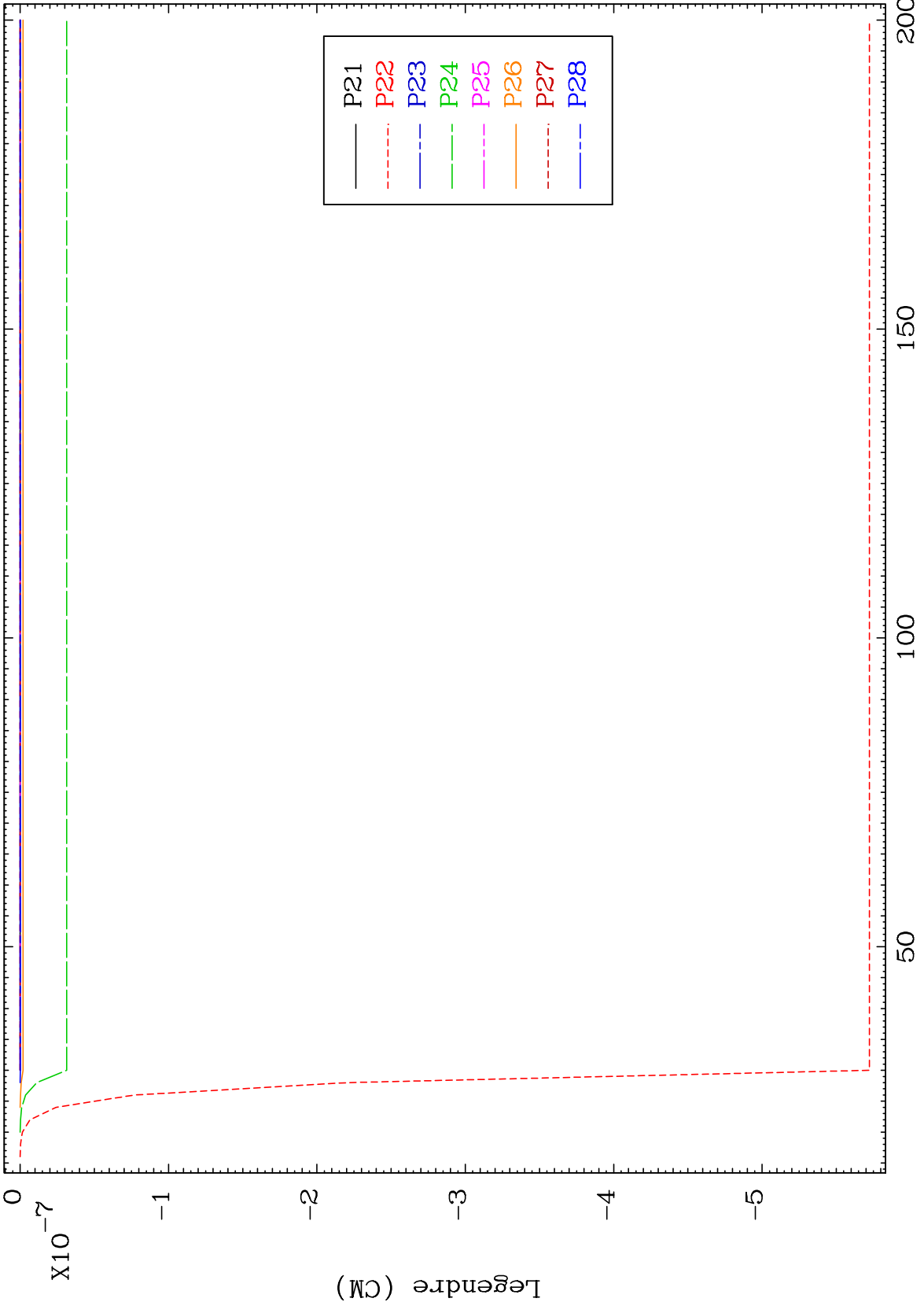
98 60-Nd-152

MAT 6055 MT= 72 (n,n') Level Legendre Coefficients 60-Nd-152



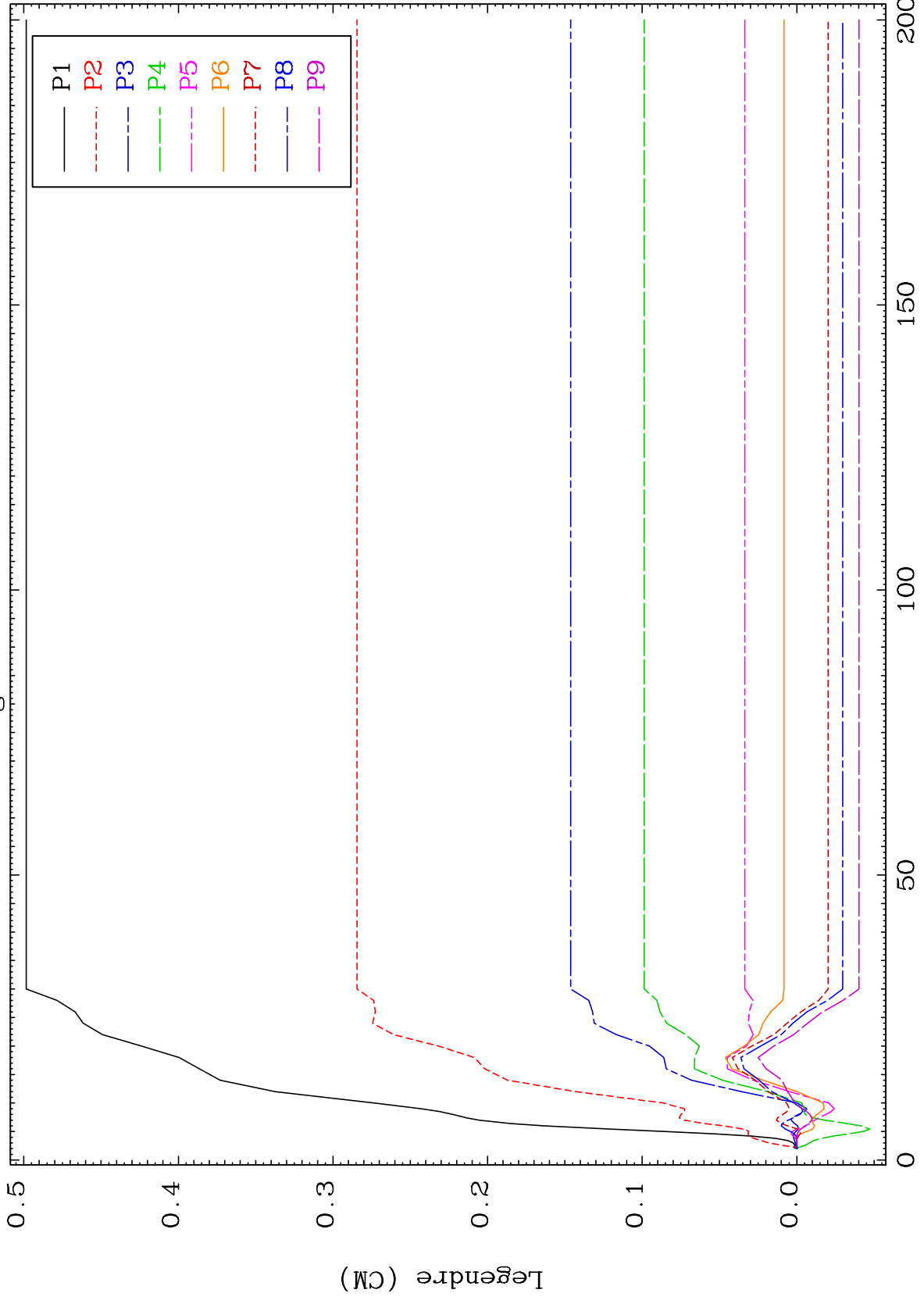
99 60-Nd-152

MAT 6055 MT= 72 (n,n') Level Legendre Coefficients 60-Nd-152



100 Incident Energy (MeV) 200 60-Nd-152

MAT 6055 MT= 73 (n,n') Level Legendre Coefficients 60-Nd-152

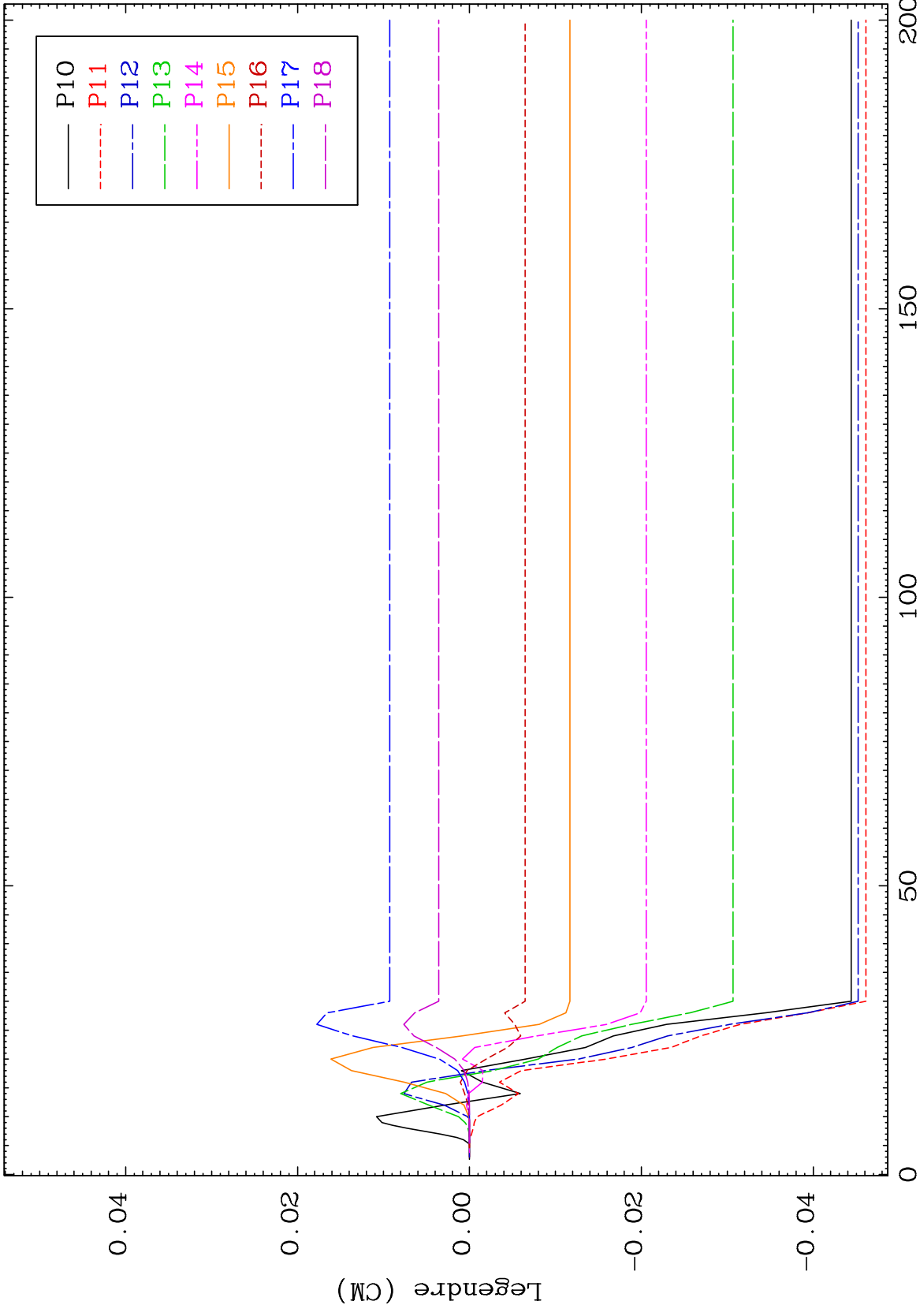


101 Incident Energy (MeV) 60-Nd-152

MAT 6055

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

60-Nd-152



102

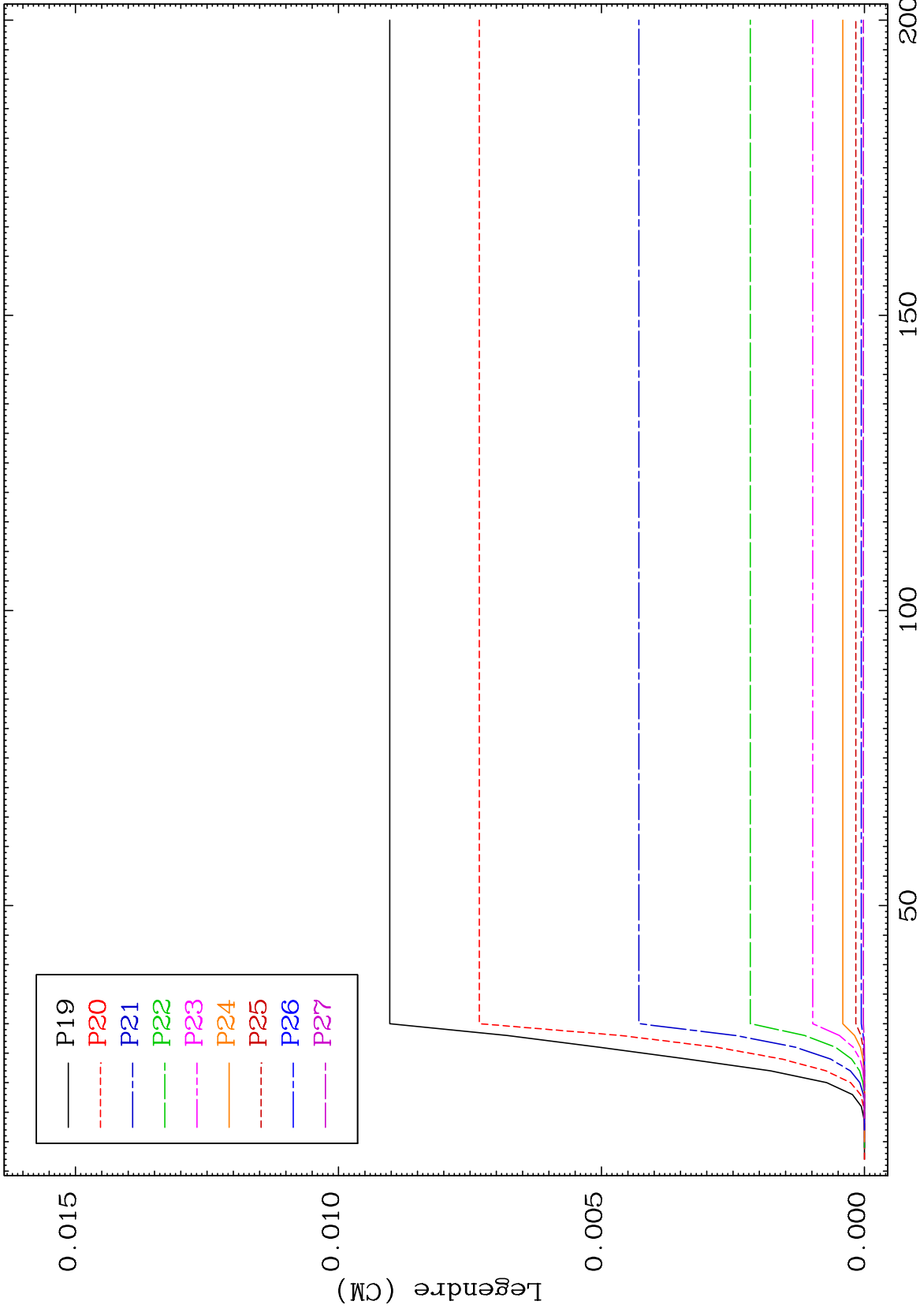
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



103

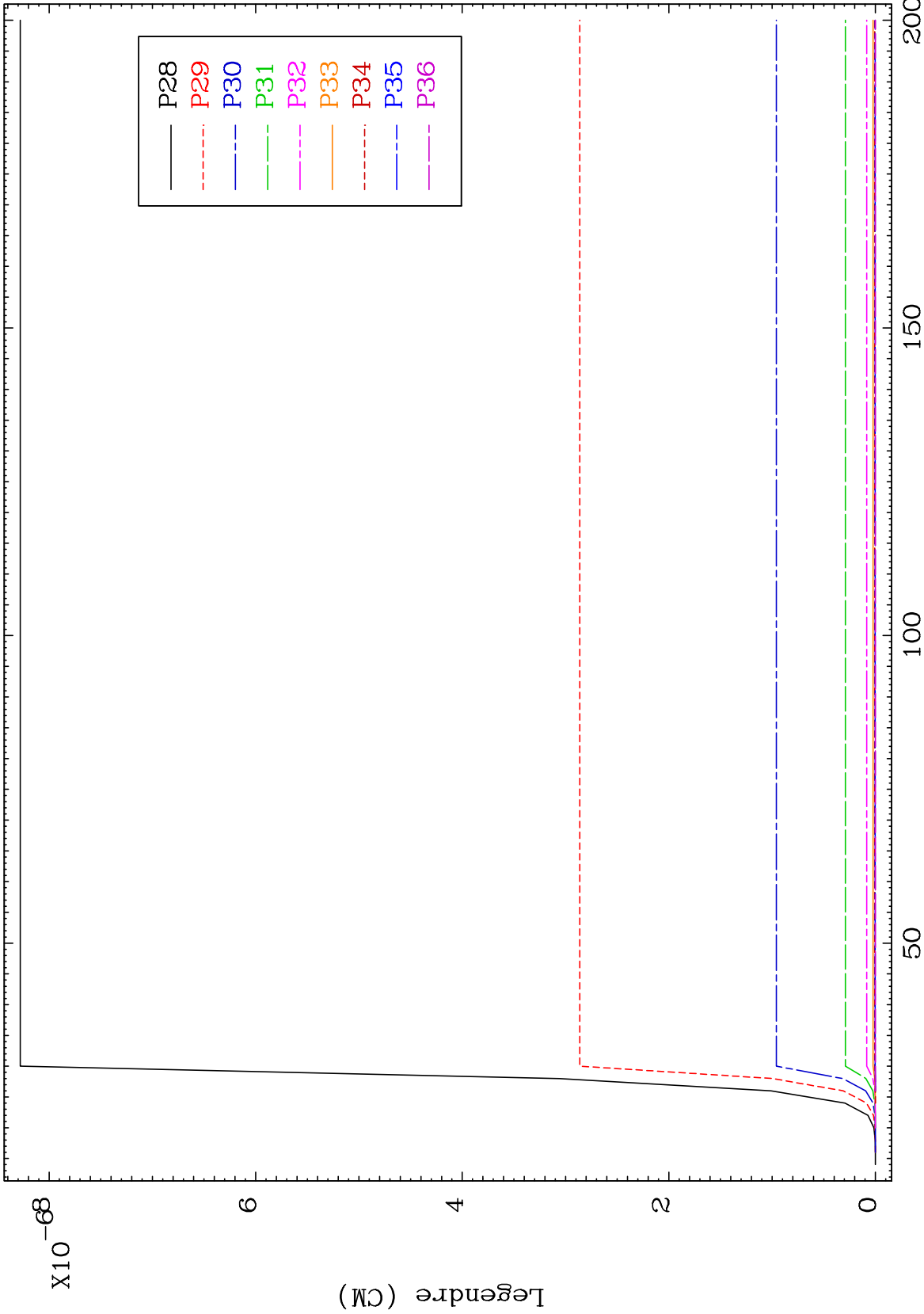
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

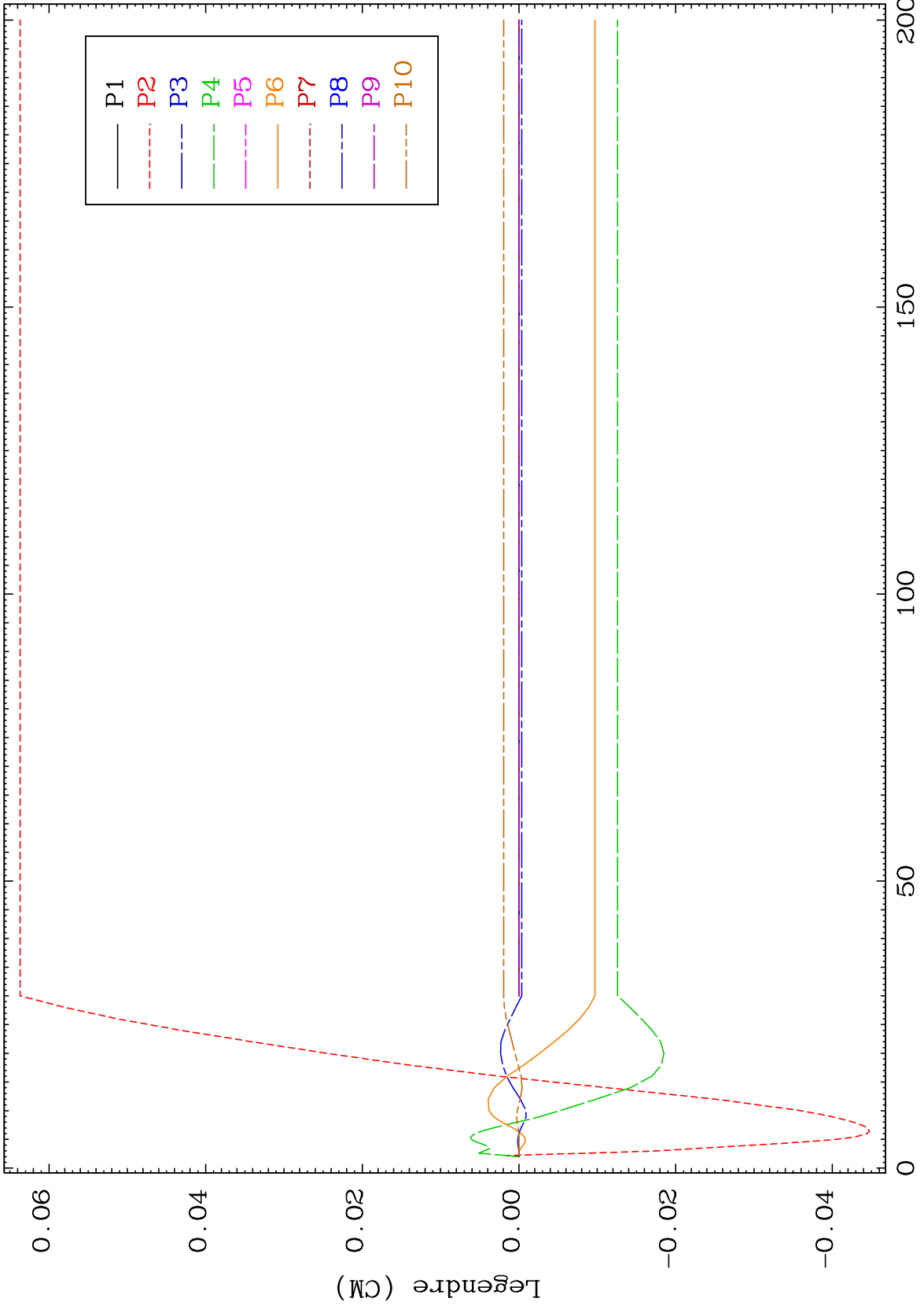
60-Nd-152



104

60-Nd-152

MAT 6055 MT= 74 (n,n') Level Legendre Coefficients 60-Nd-152

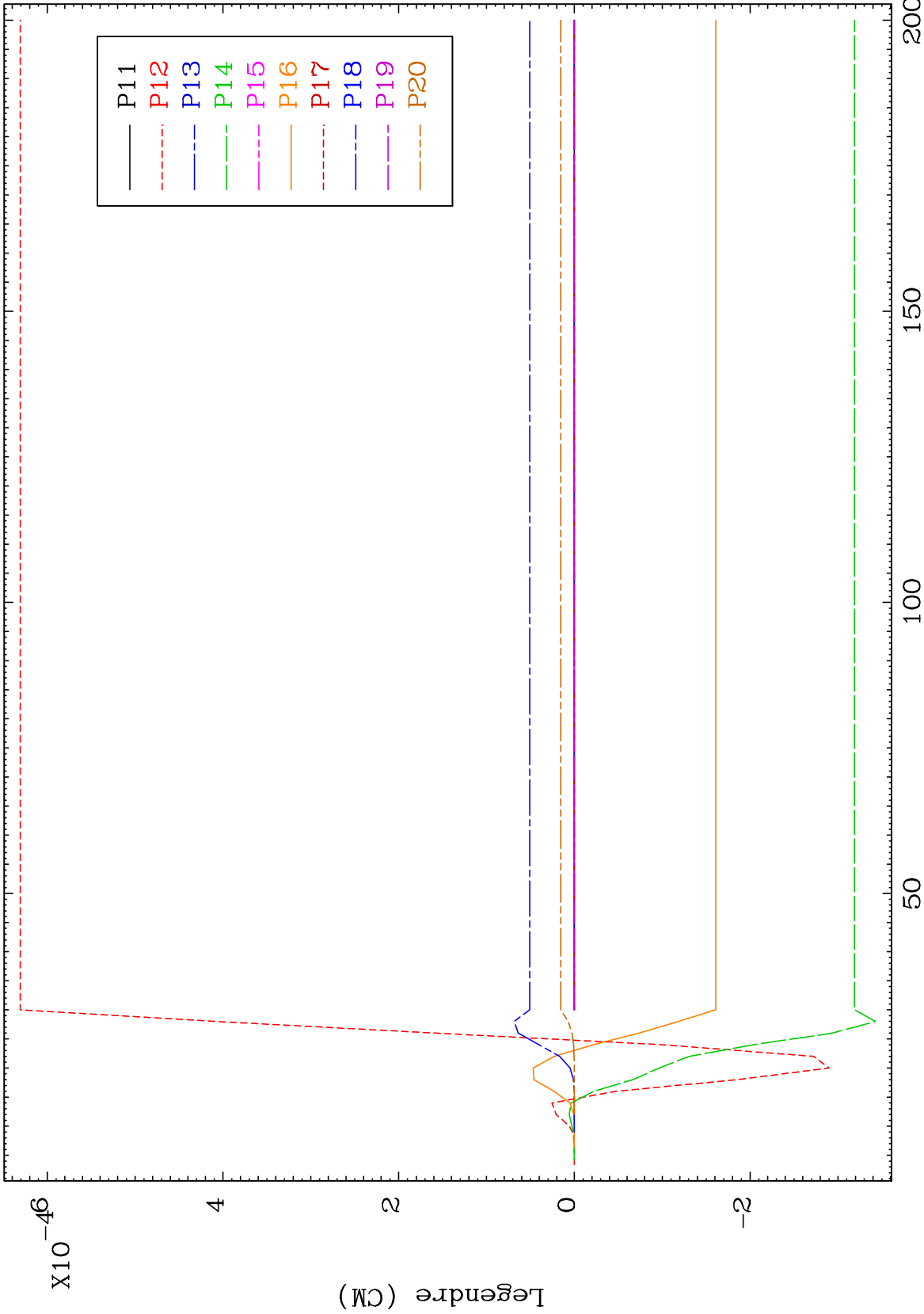


105 Incident Energy (MeV) 60-Nd-152

MAT 6055

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

60-Nd-152

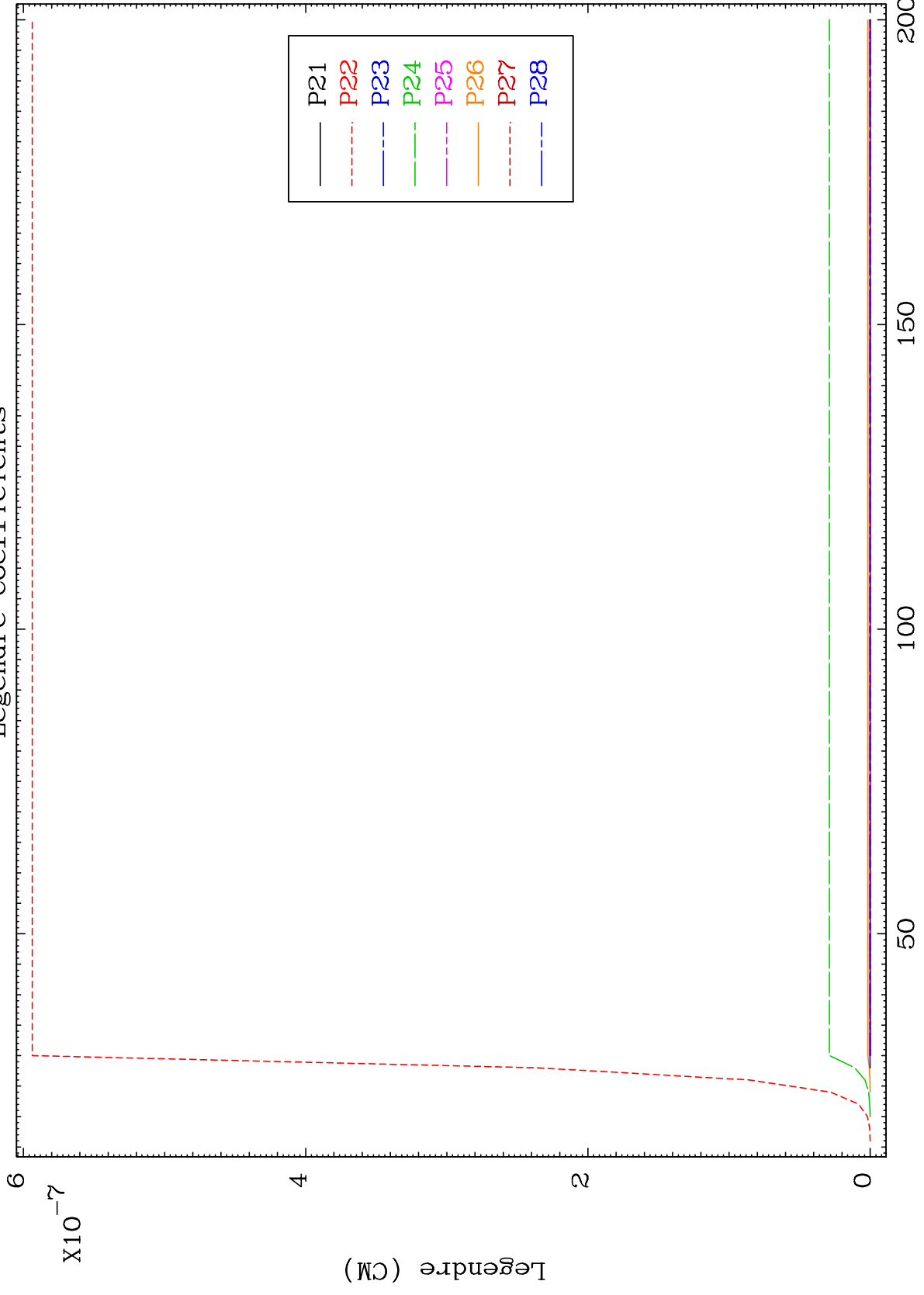


106

Incident Energy (MeV)

60-Nd-152

MAT 6055 MT= 74 (n,n') Level Legendre Coefficients 60-Nd-152

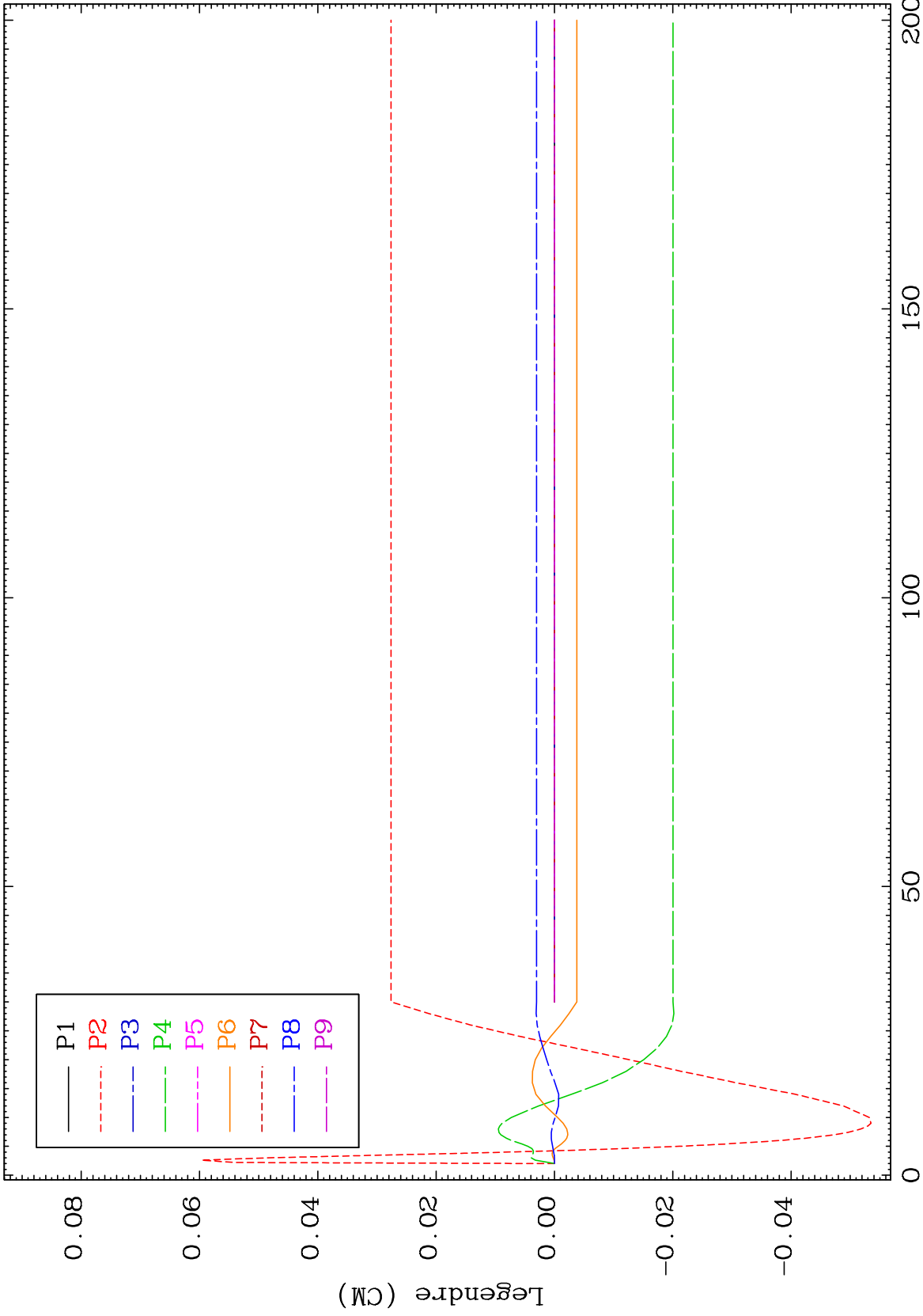


107 50 100 150 200 60-Nd-152

MAT 6055

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

60-Nd-152



108

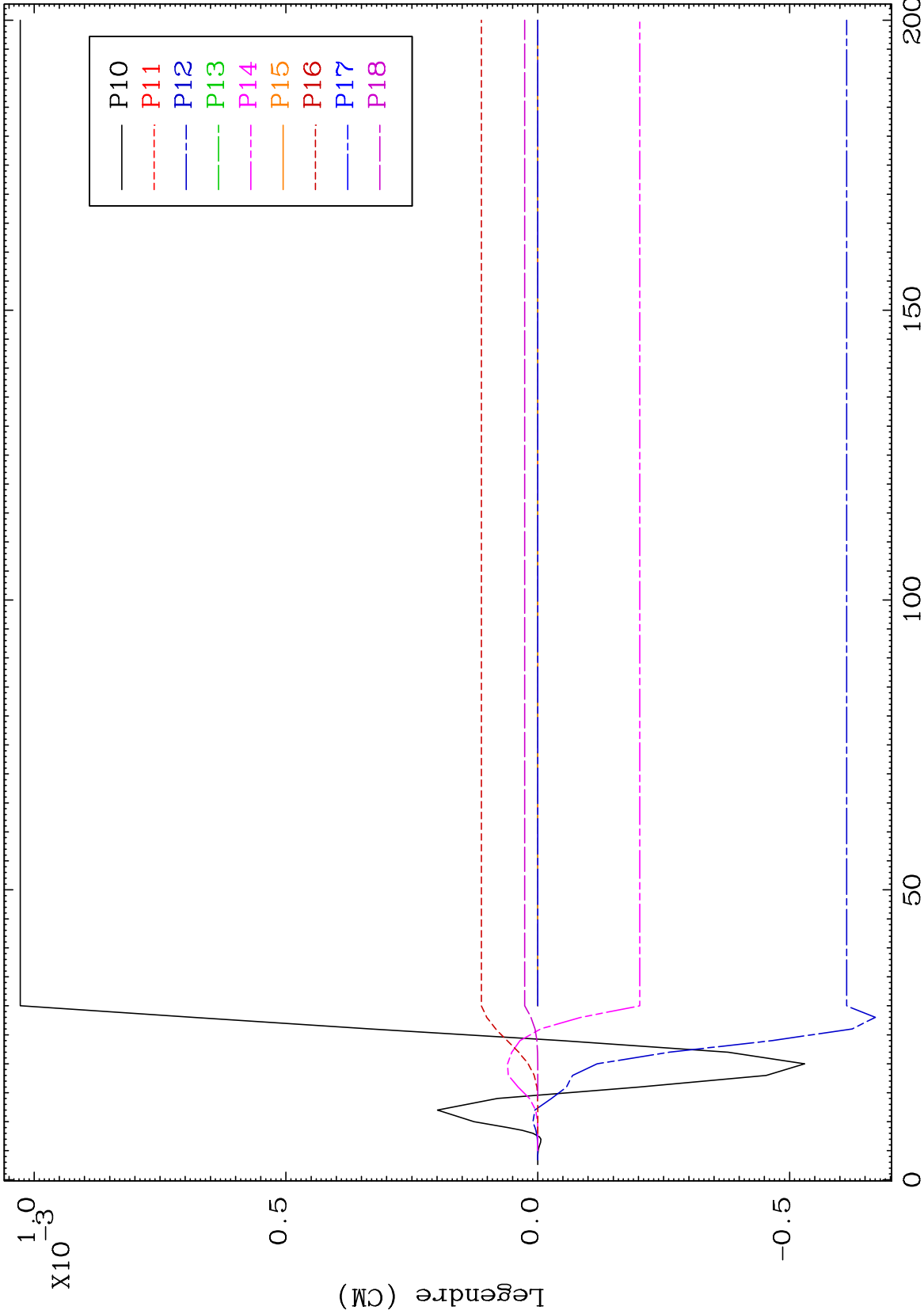
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



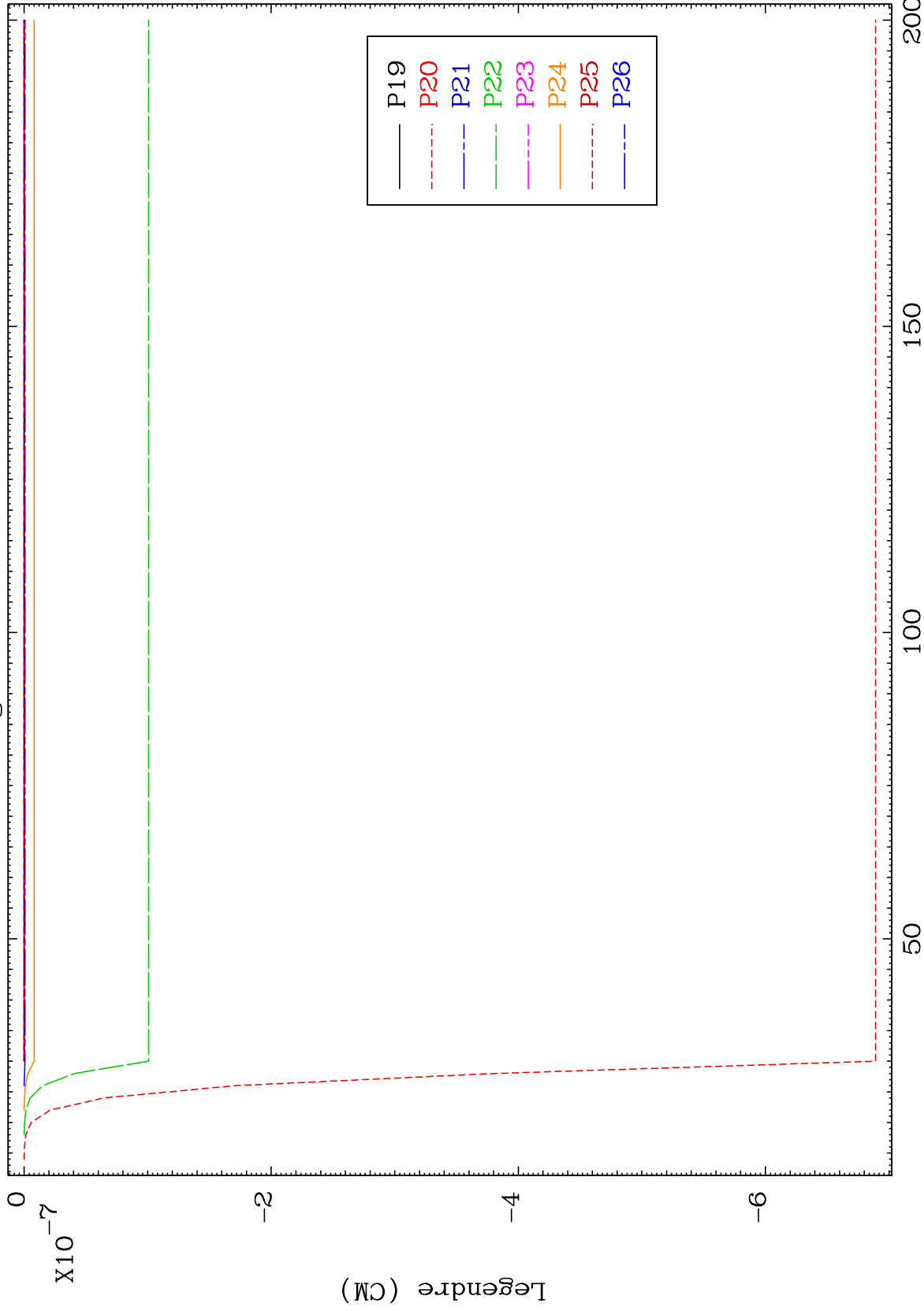
109

60-Nd-152

MAT 6055

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

60-Nd-152

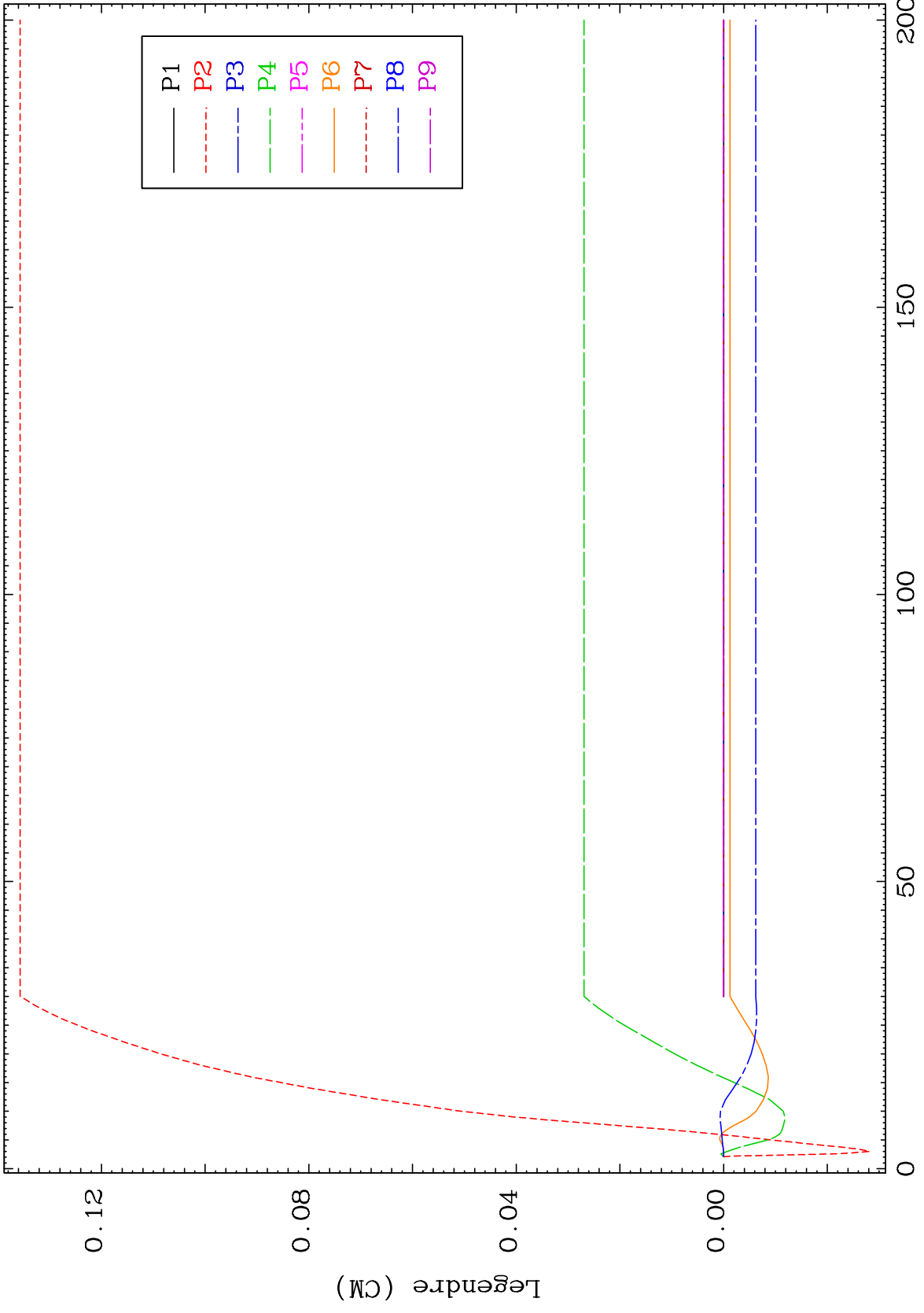


60-Nd-152

Incident Energy (MeV)

110

MAT 6055 MT= 76 (n,n') Level Legendre Coefficients 60-Nd-152

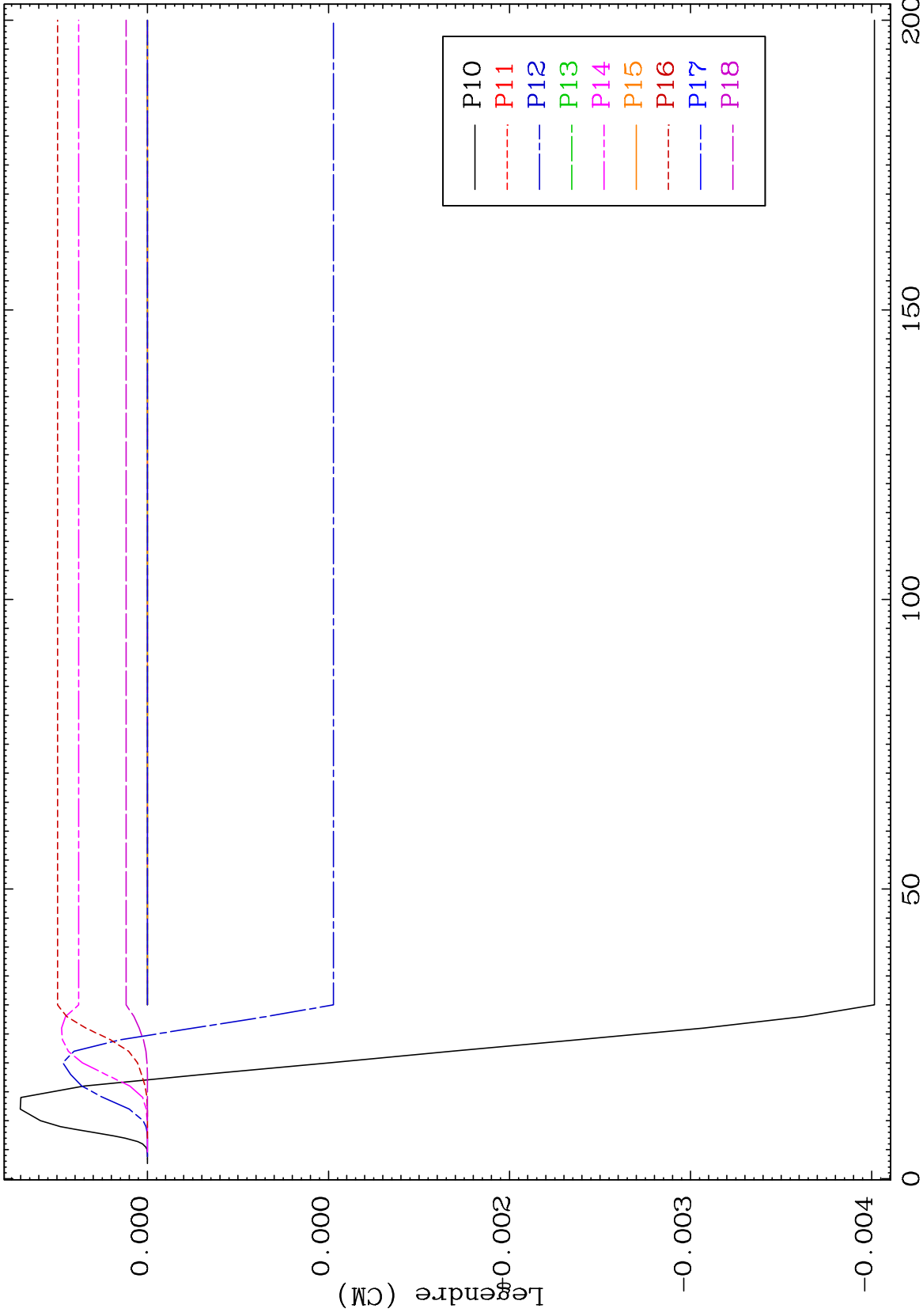


111 60-Nd-152

MAT 6055

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

60-Nd-152

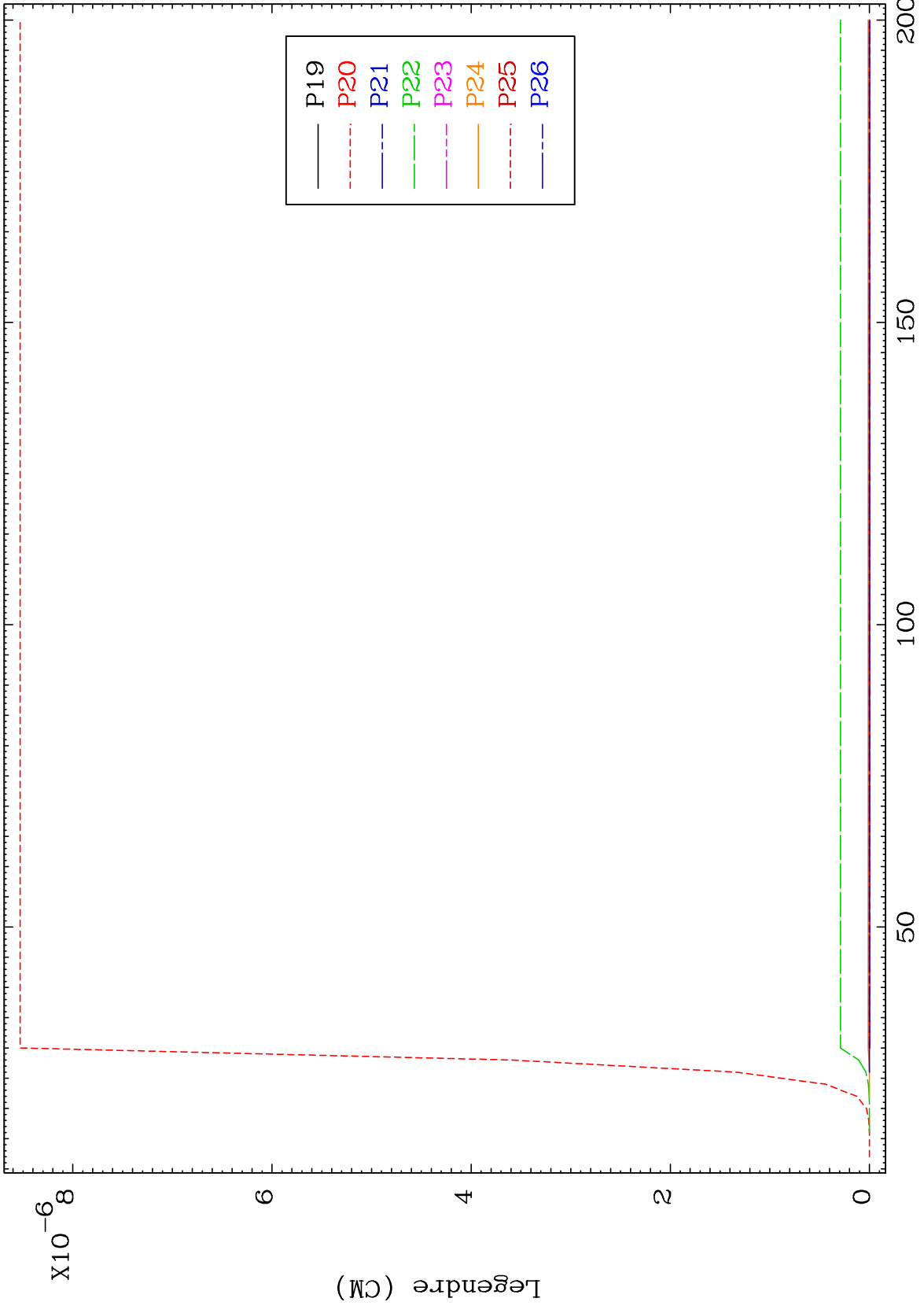


112

Incident Energy (MeV)

60-Nd-152

MAT 6055 MT= 76 (n,n') Level Legendre Coefficients 60-Nd-152

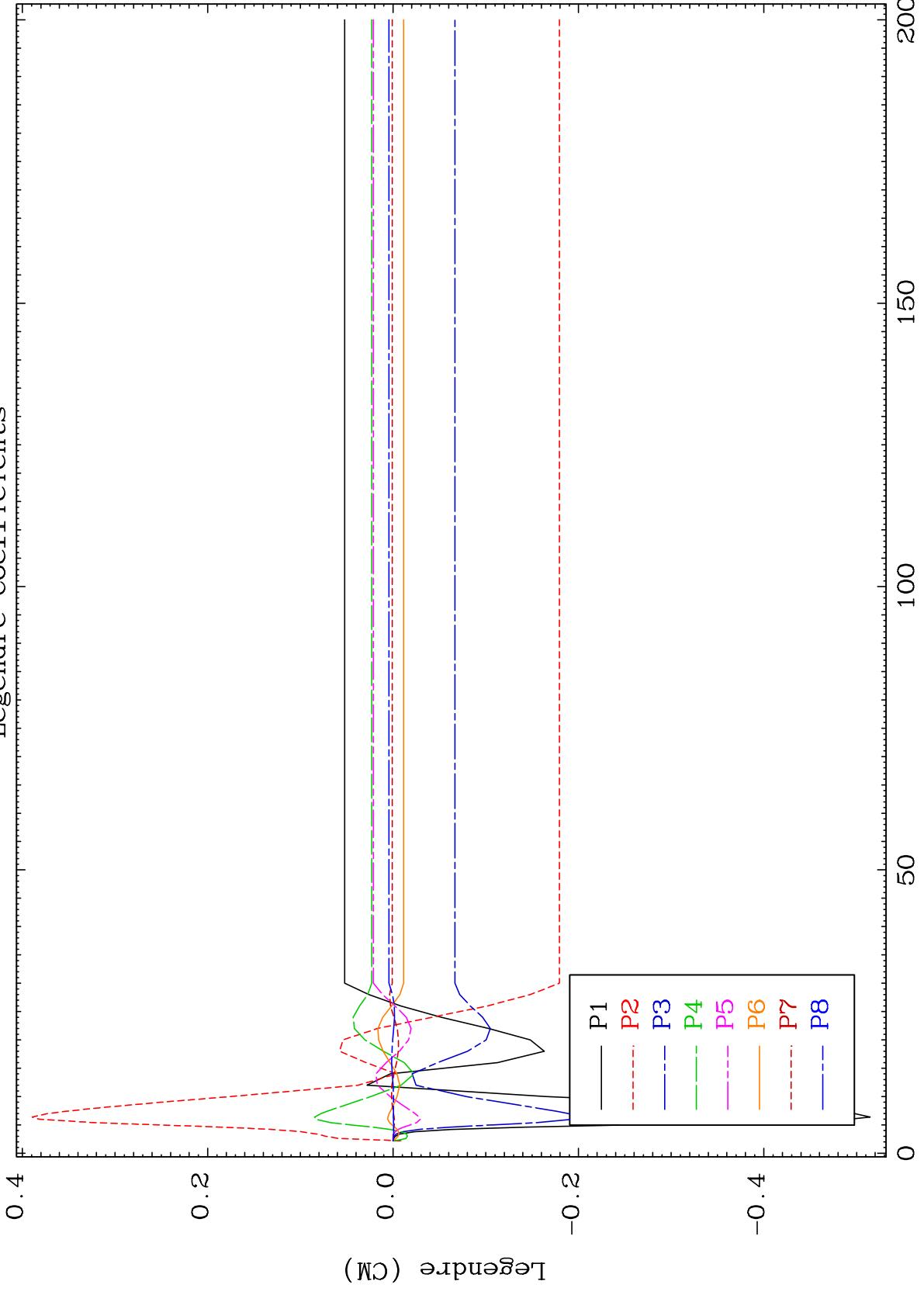


113 60-Nd-152

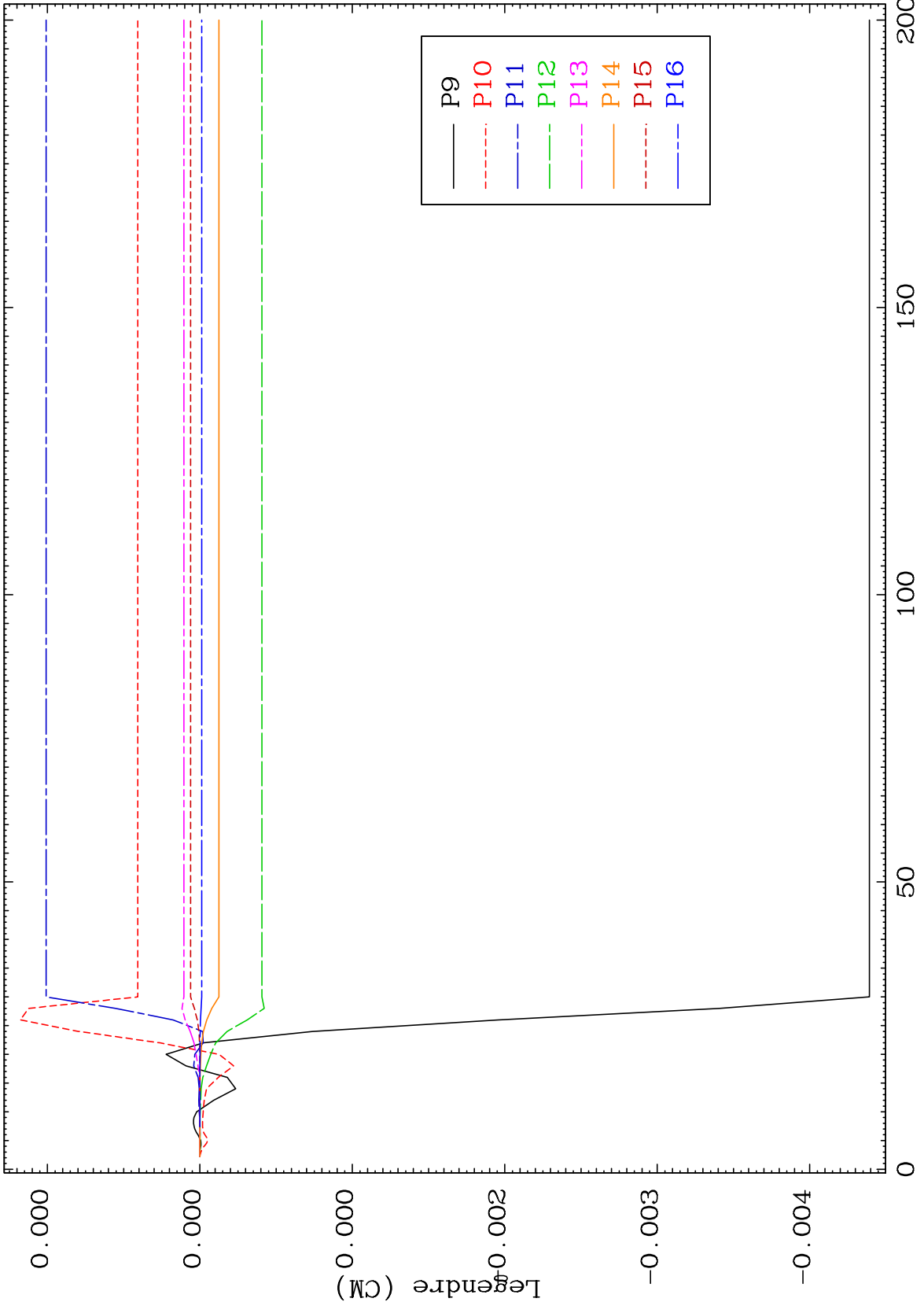
MAT 6055 MT= 77 (n,n') Level Legendre Coefficients

60-Nd-152

60-Nd-152



MAT 6055 MT= 77 (n,n') Level Legendre Coefficients 60-Nd-152

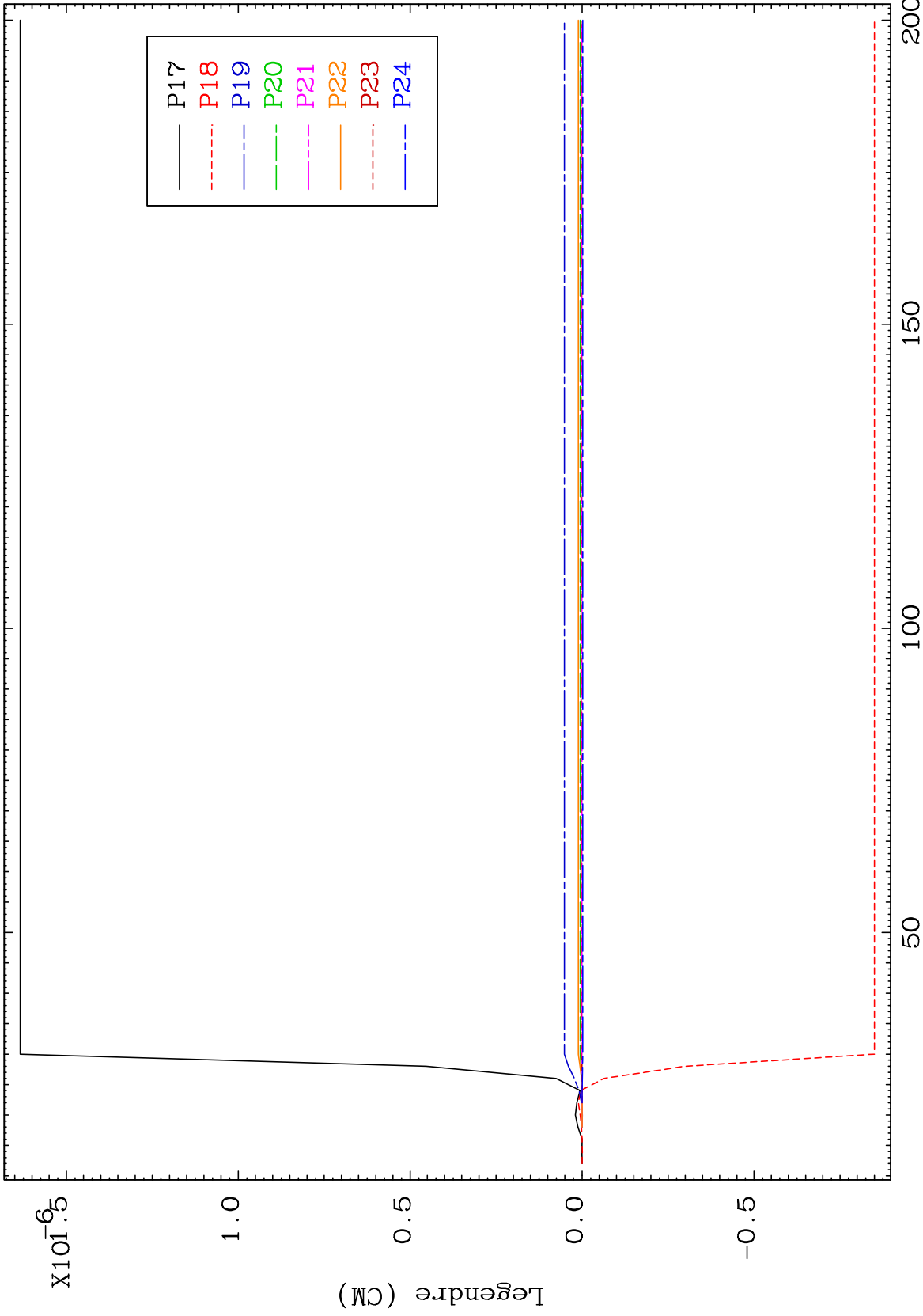


115 60-Nd-152

MAT 6055

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

60-Nd-152

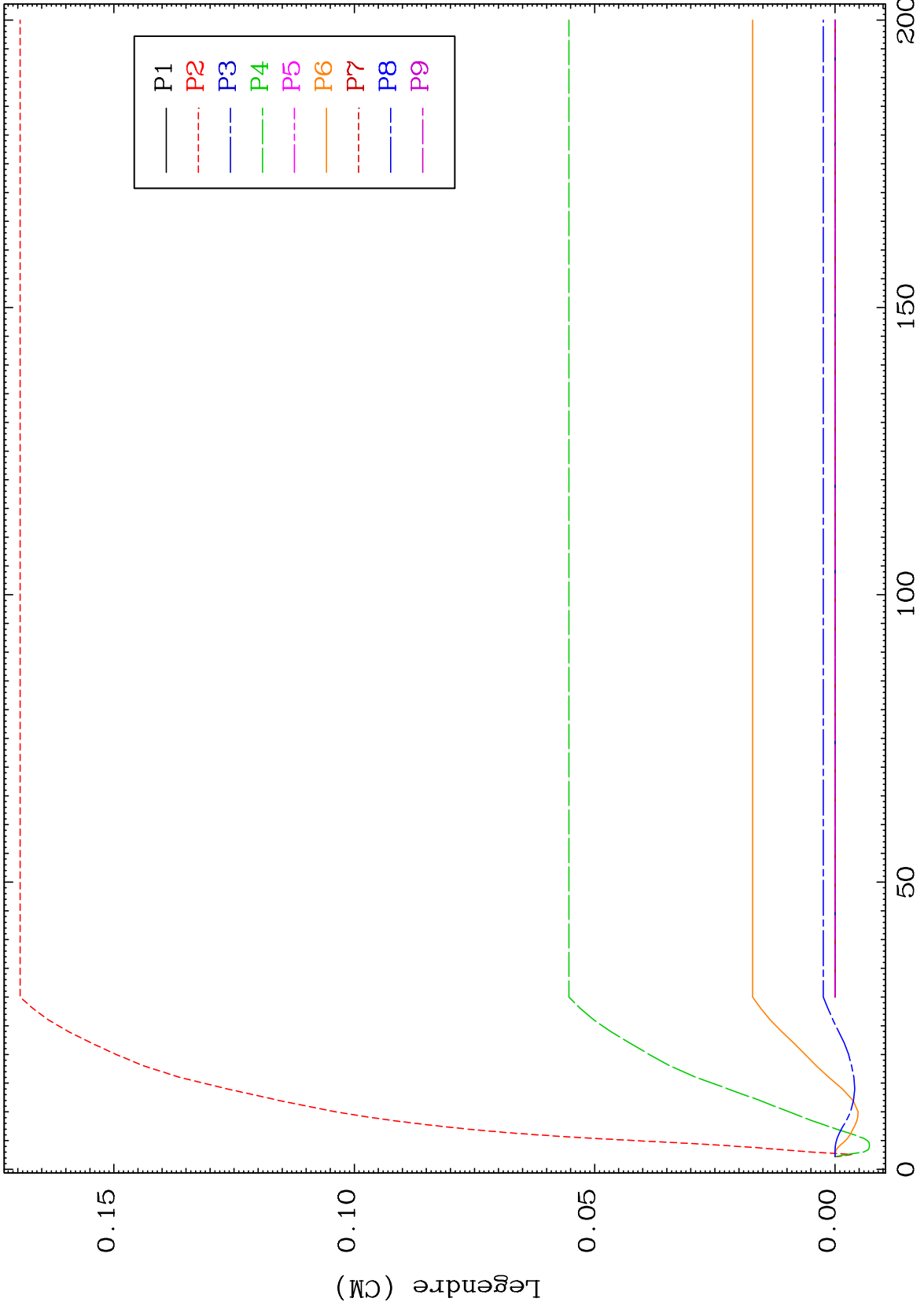


116

Incident Energy (MeV)

60-Nd-152

MAT 6055 MT= 78 (n,n') Level Legendre Coefficients 60-Nd-152

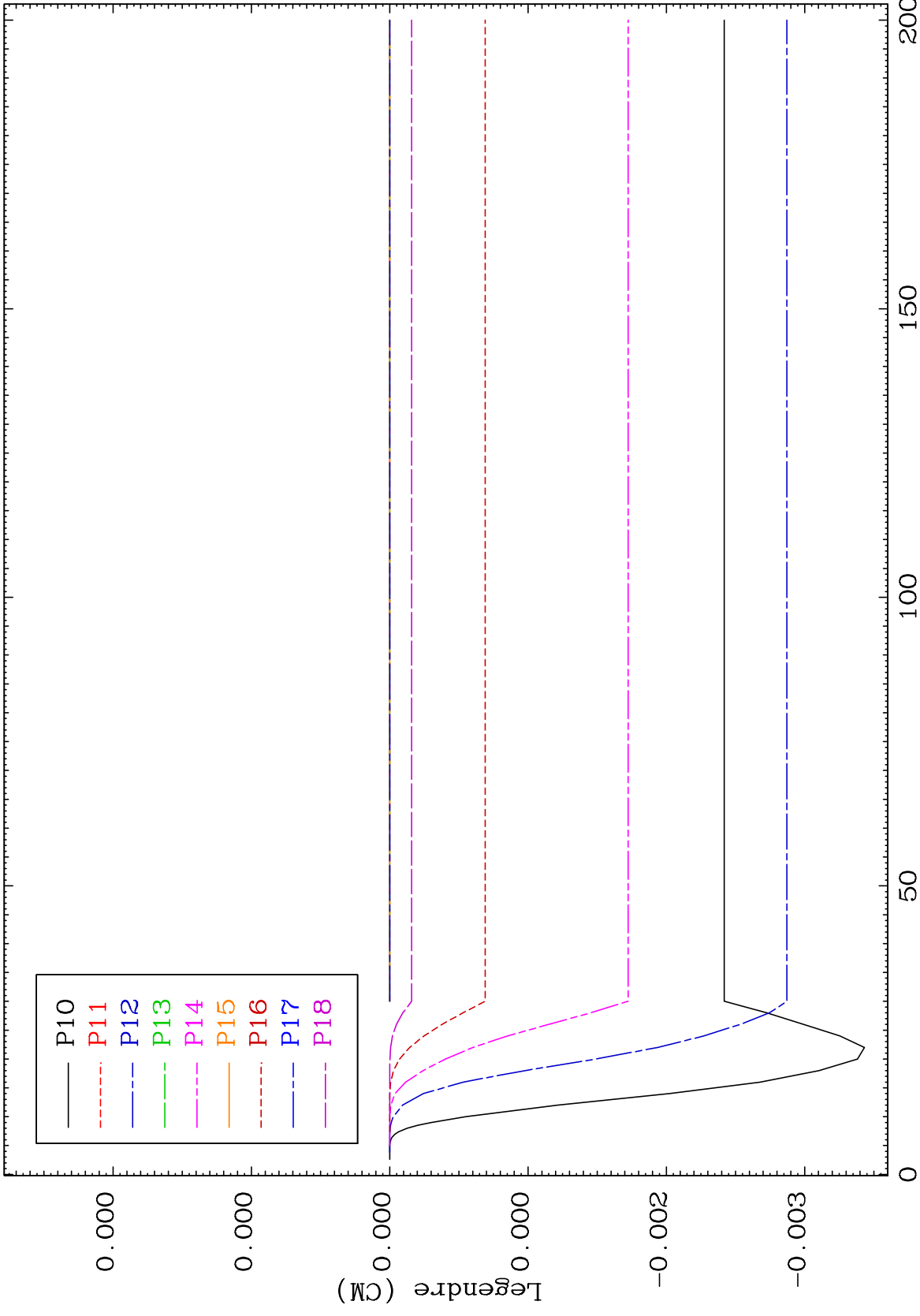


117 60-Nd-152

MAT 60555

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

60-Nd-152

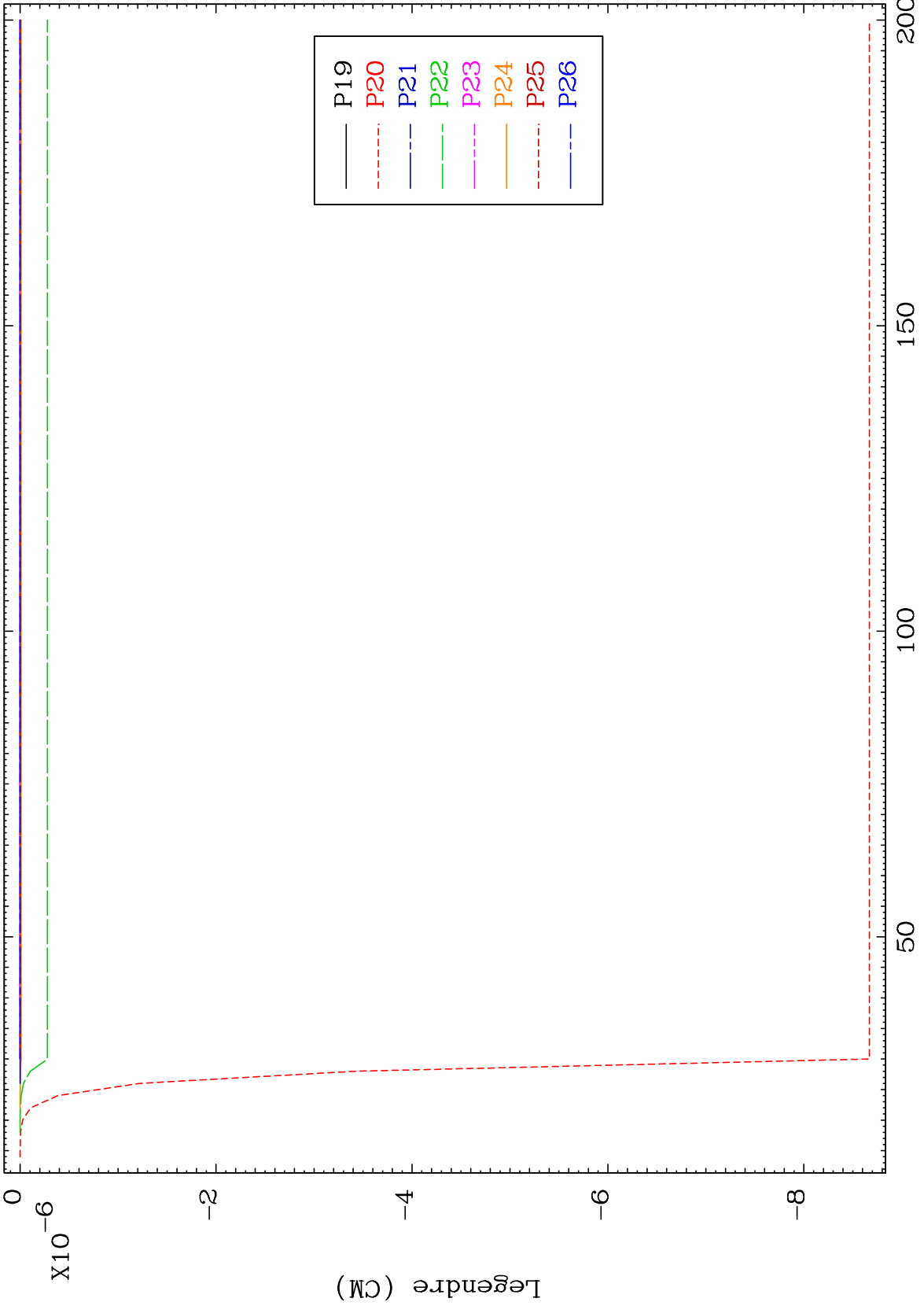


118

Incident Energy (MeV)

60-Nd-152

MAT 6055 MT= 78 (n,n') Level Legendre Coefficients 60-Nd-152

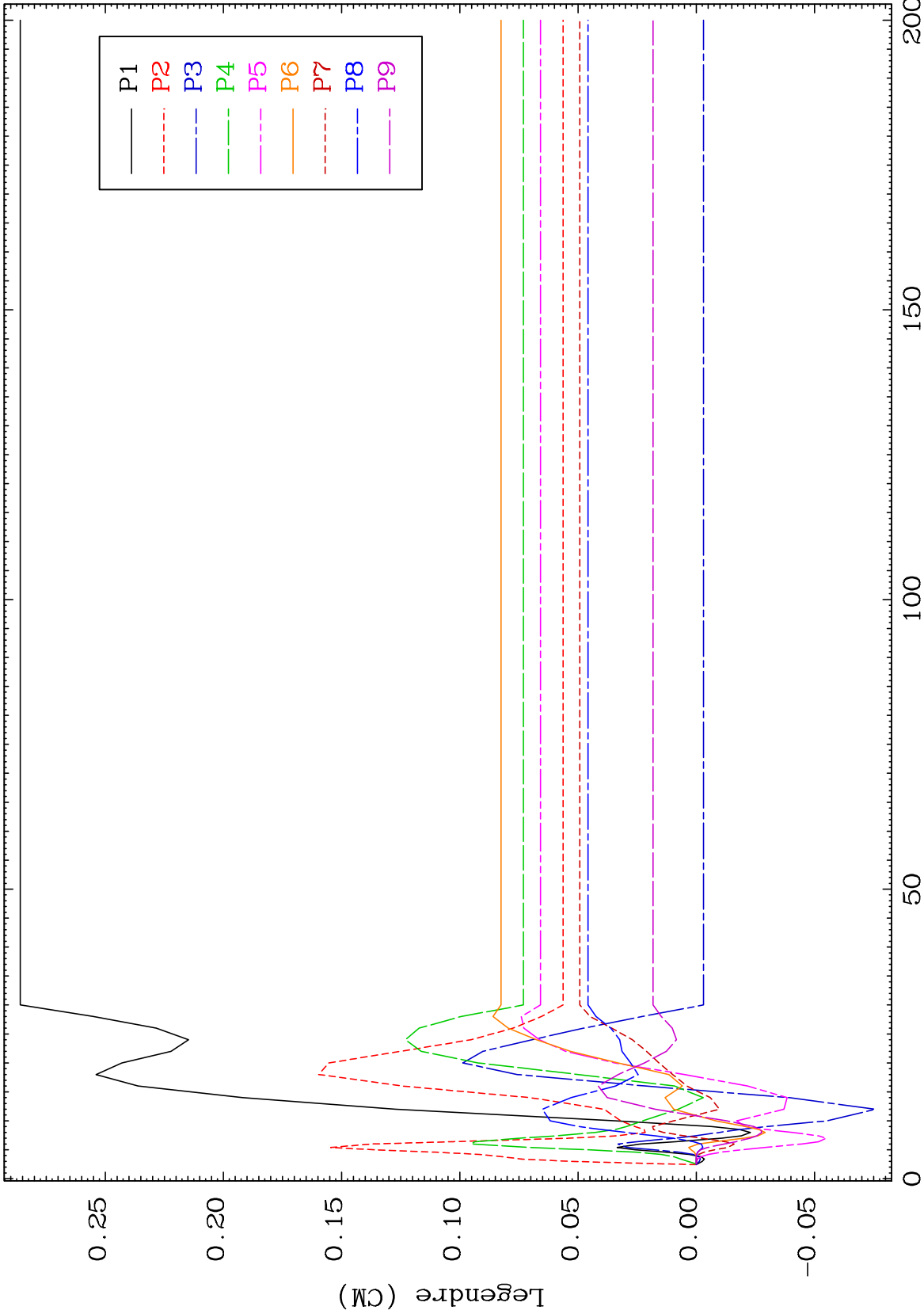


119 60-Nd-152

MAT 6055

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

60-Nd-152



60-Nd-152

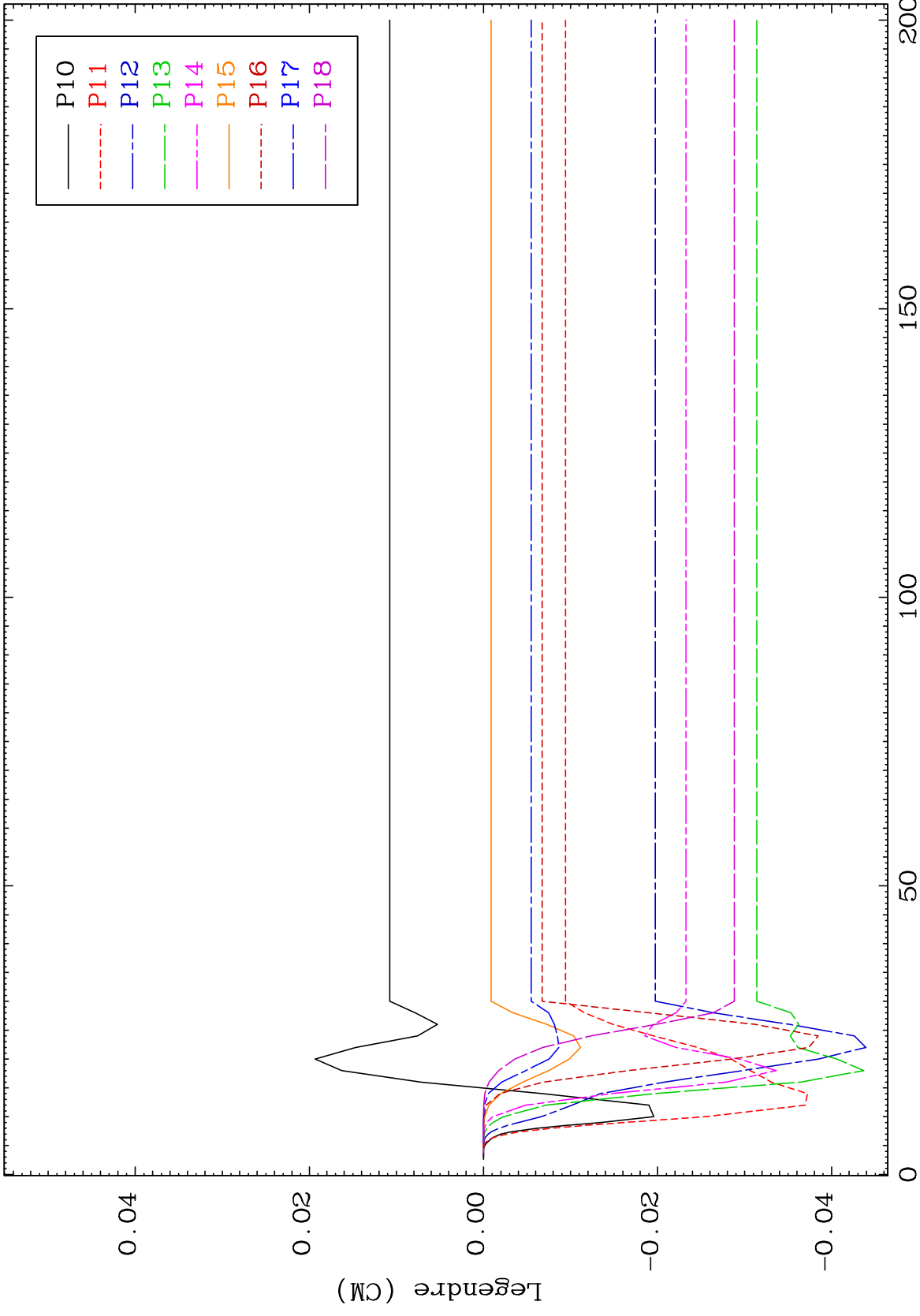
Incident Energy (MeV)

Legendre (CM)

MAT 6055

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

60-Nd-152

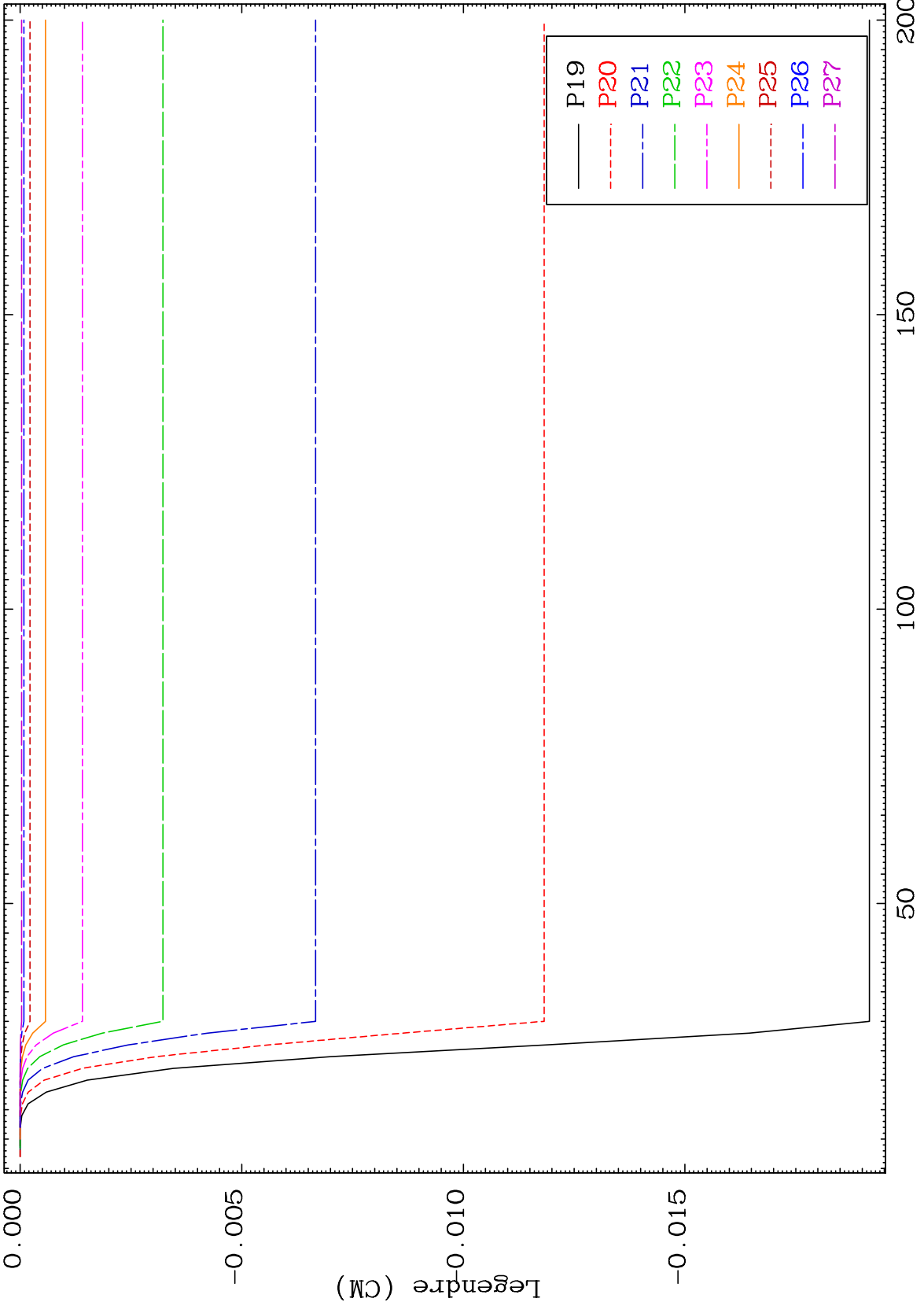


121

Incident Energy (MeV)

60-Nd-152

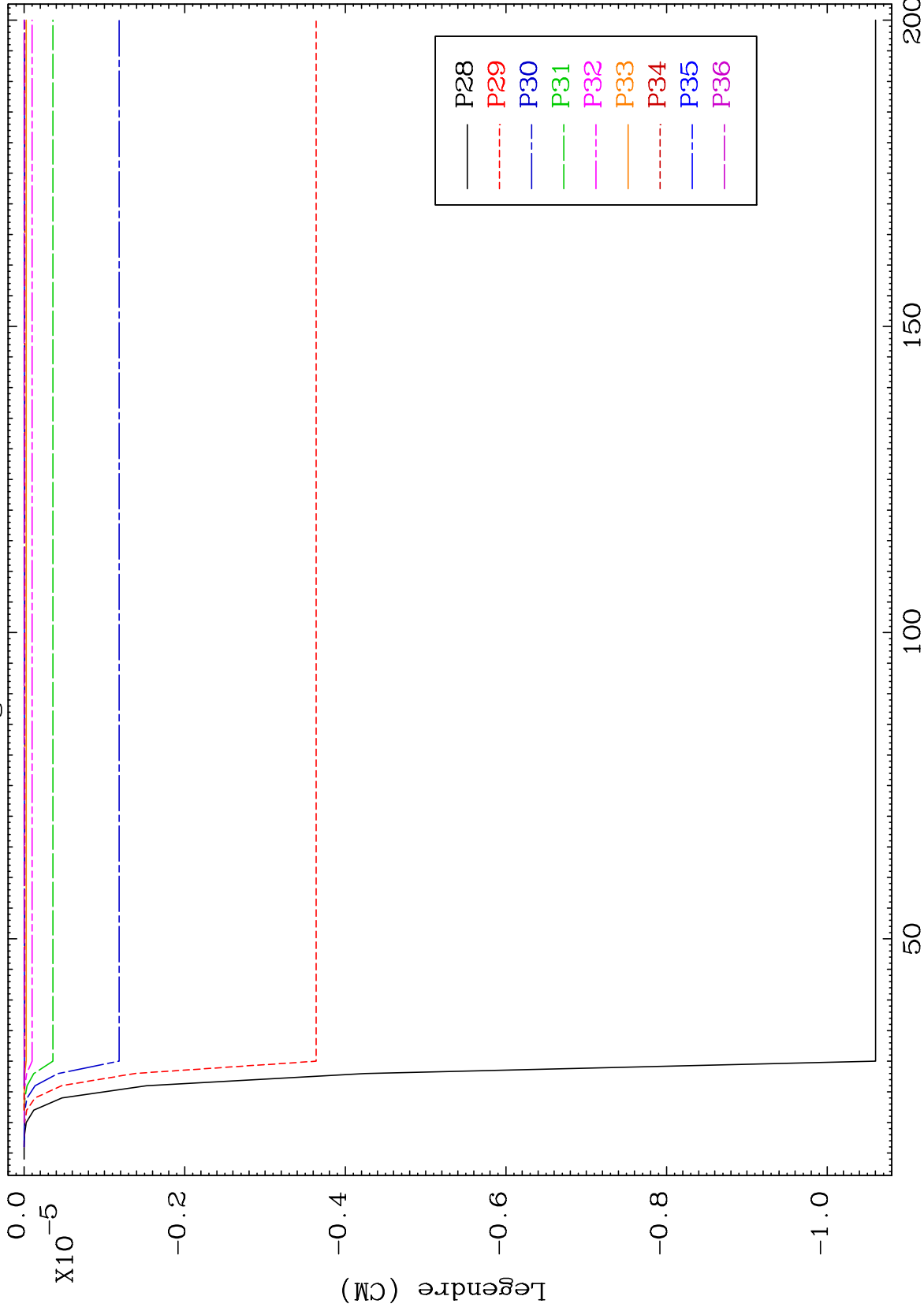
MAT 6055 MT= 79 (n,n') Level Legendre Coefficients 60-Nd-152



MAT 6055

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

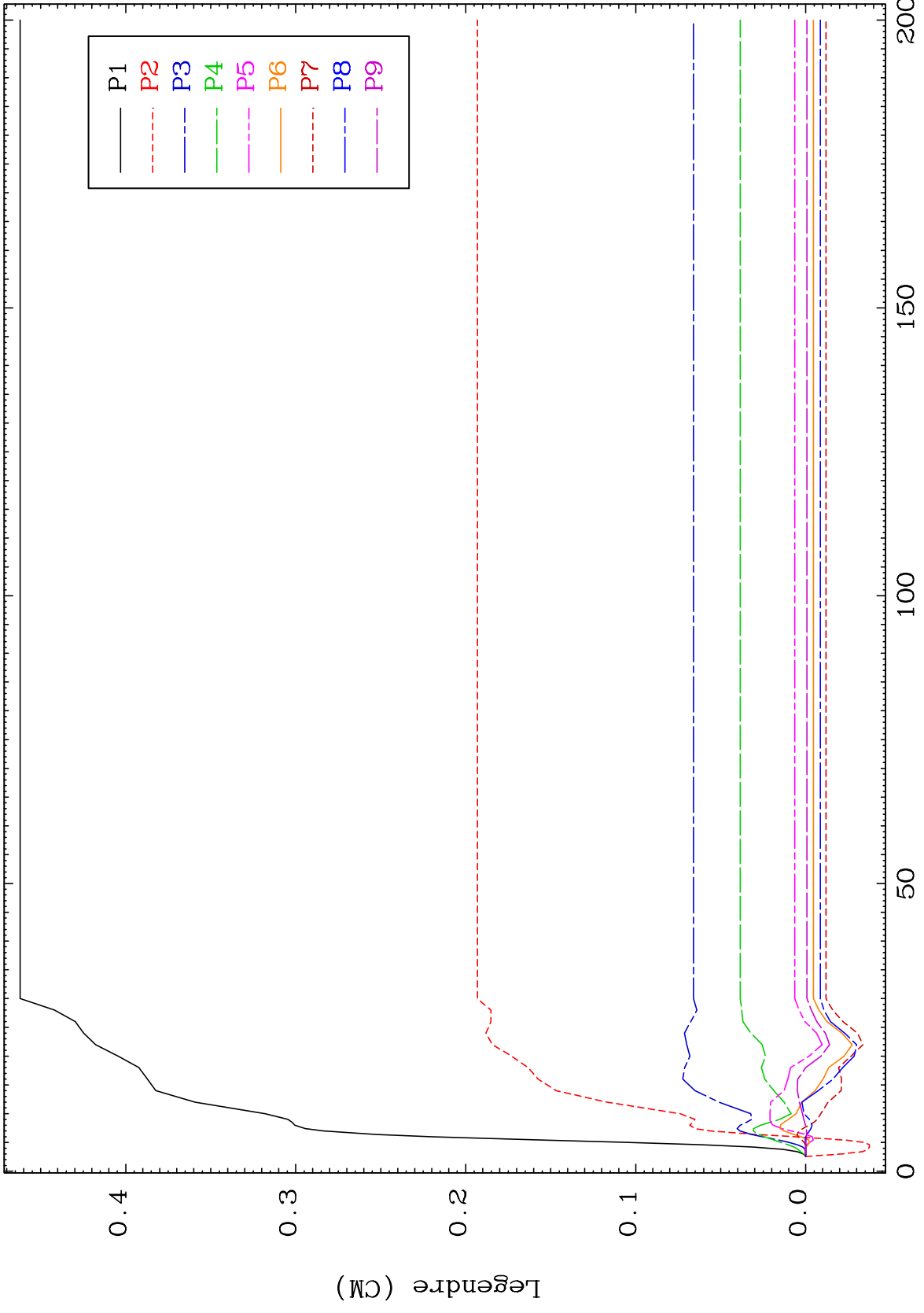
60-Nd-152



123

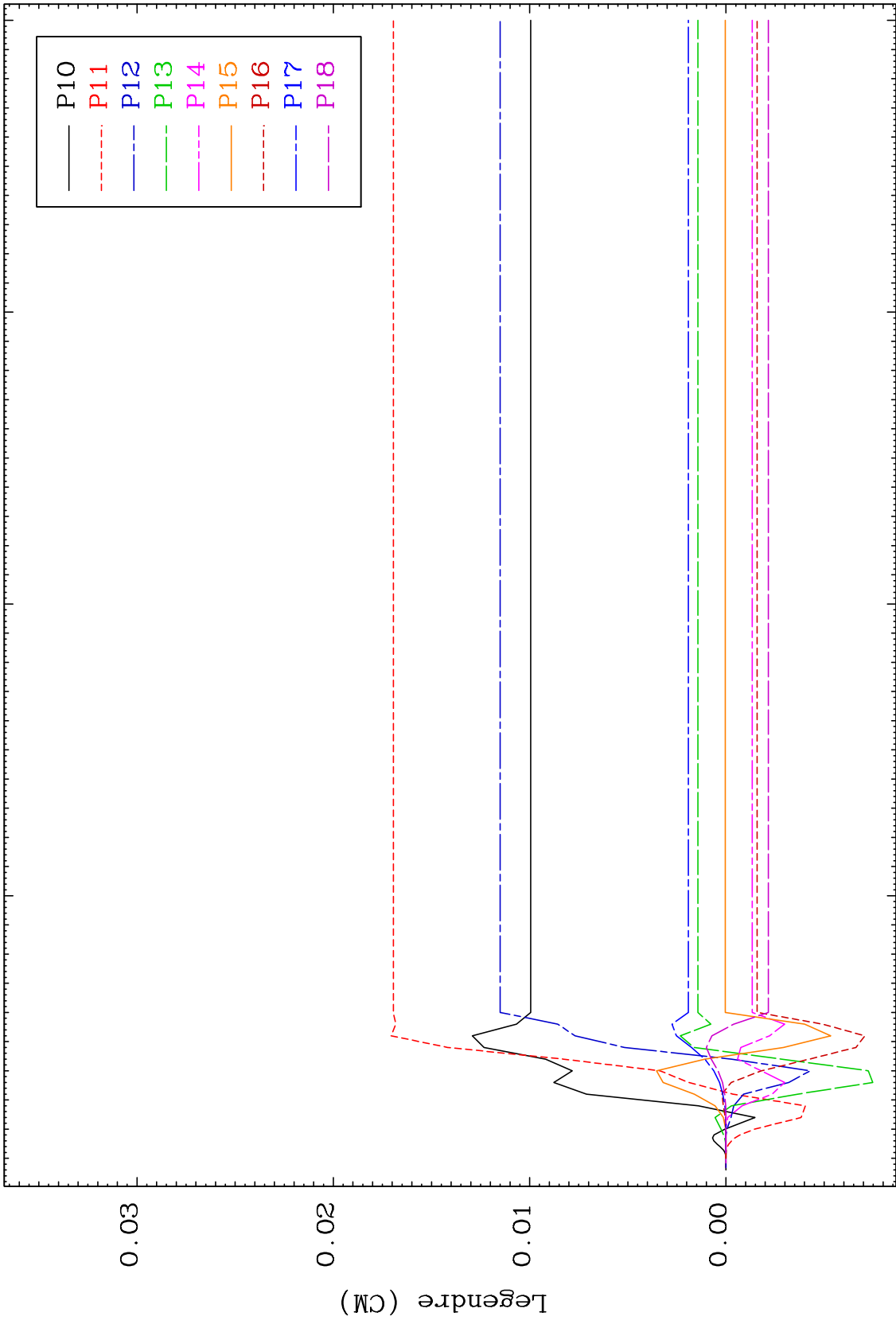
60-Nd-152

MAT 6055 MT= 80 (n,n') Level Legendre Coefficients 60-Nd-152



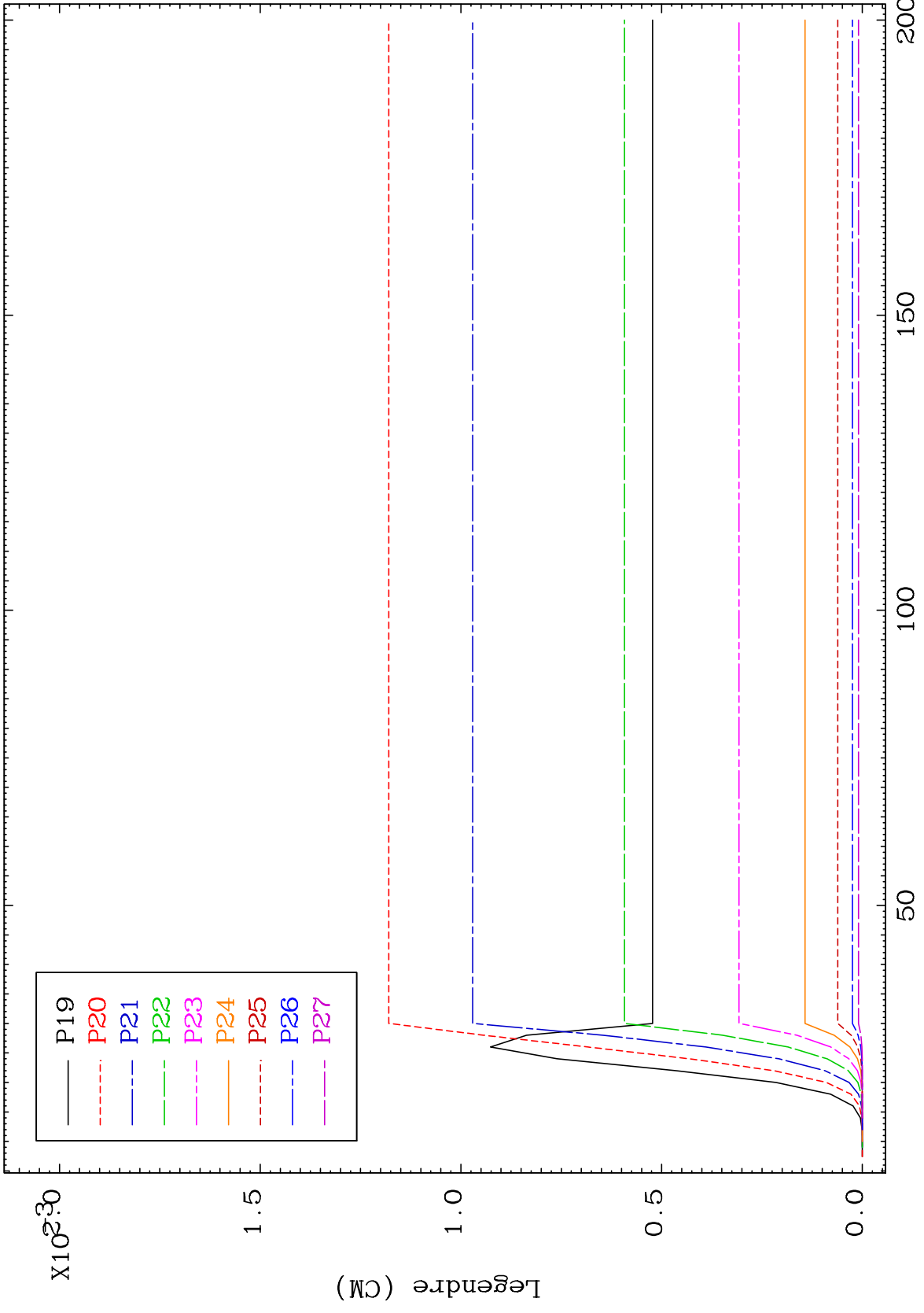
124 Incident Energy (MeV) 60-Nd-152

MAT 6055 MT= 80 (n,n') Level Legendre Coefficients 60-Nd-152

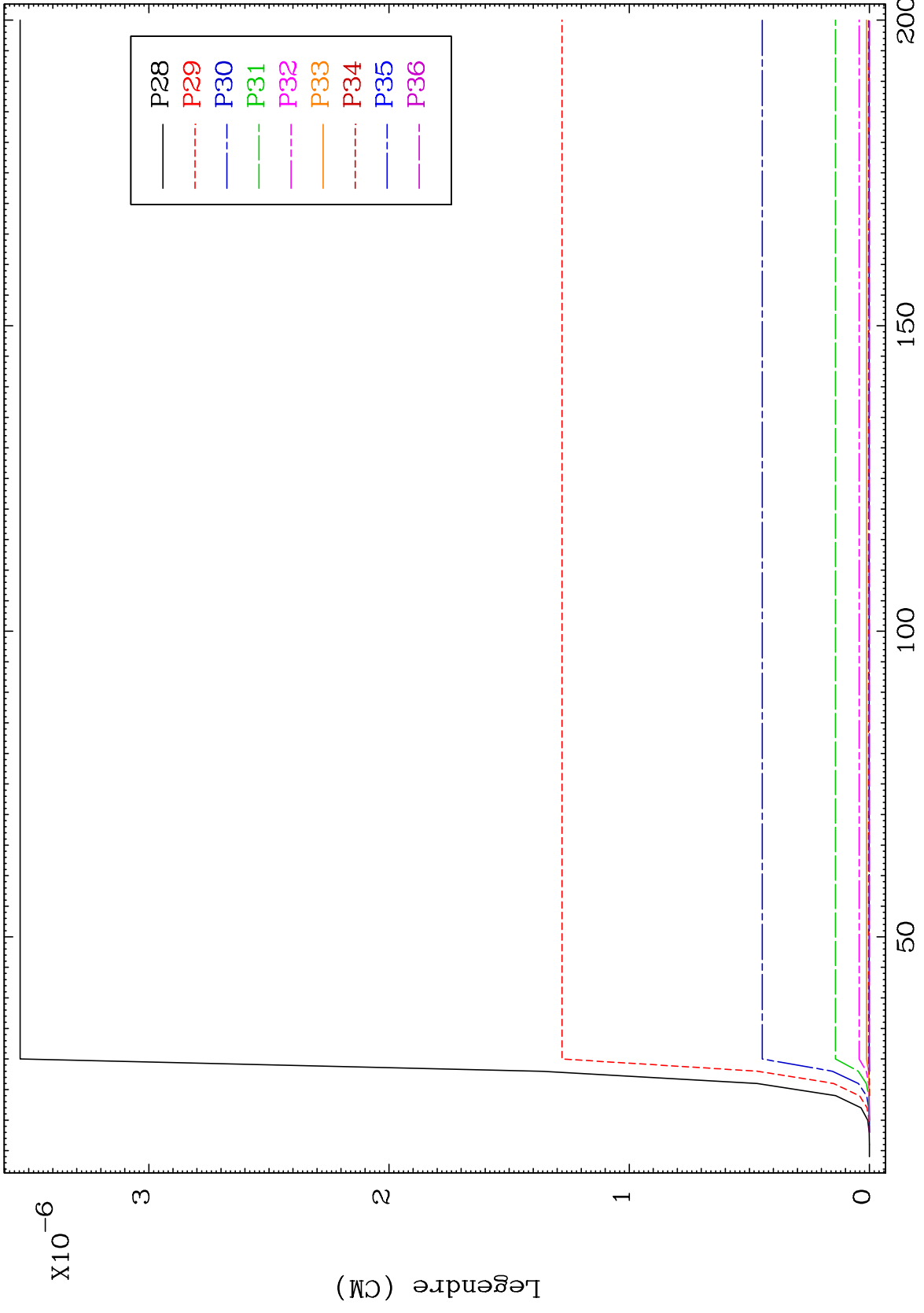


125 Incident Energy (MeV) 60-Nd-152

MAT 6055 MT= 80 (n,n') Level Legendre Coefficients 60-Nd-152



MAT 6055 MT= 80 (n,n') Level Legendre Coefficients 60-Nd-152



127 60-Nd-152