

Program EVALPLOT
(Version 2018-1)

by

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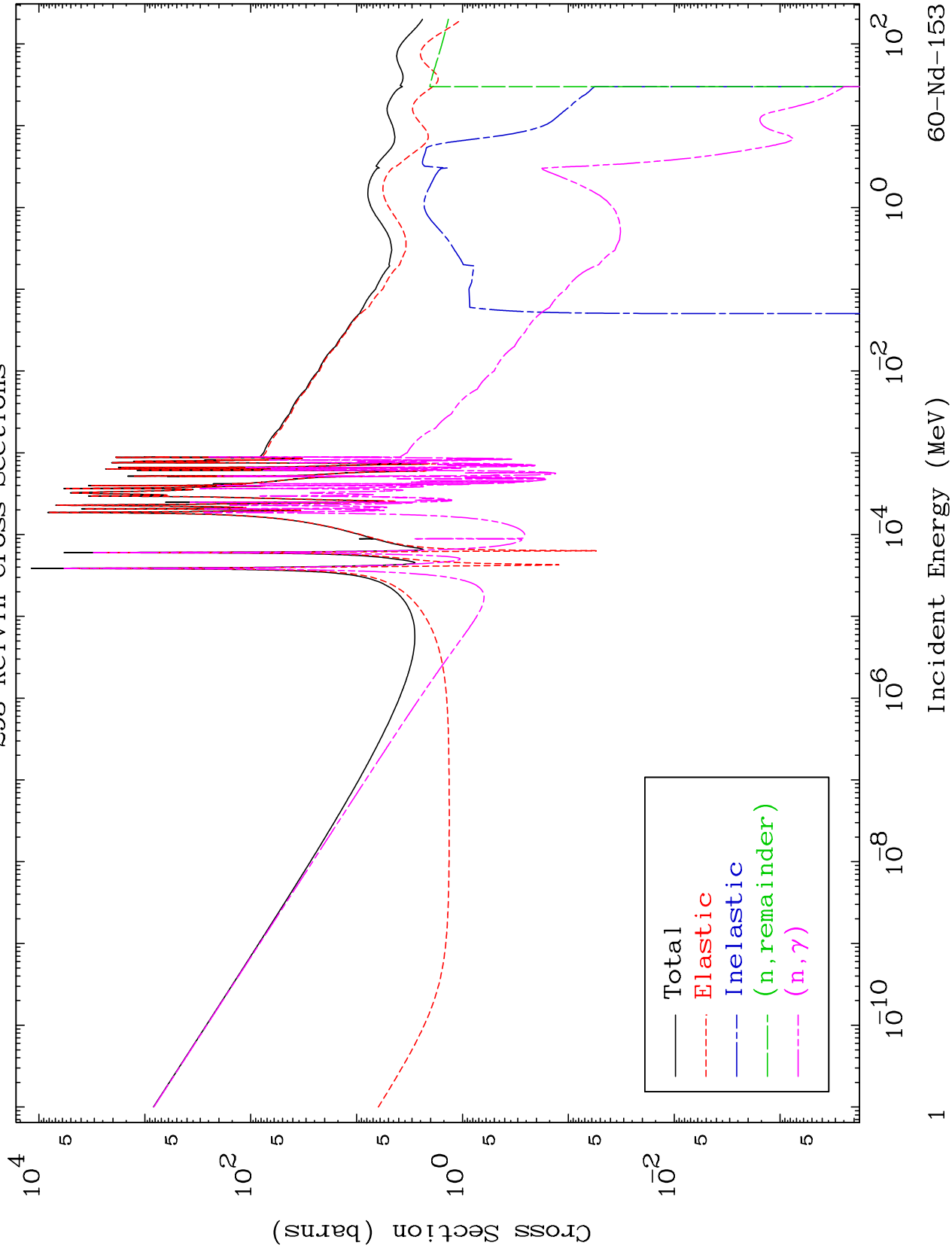
Press Mouse Button to Start

MAT 6058

Major

293 Kelvin Cross Sections

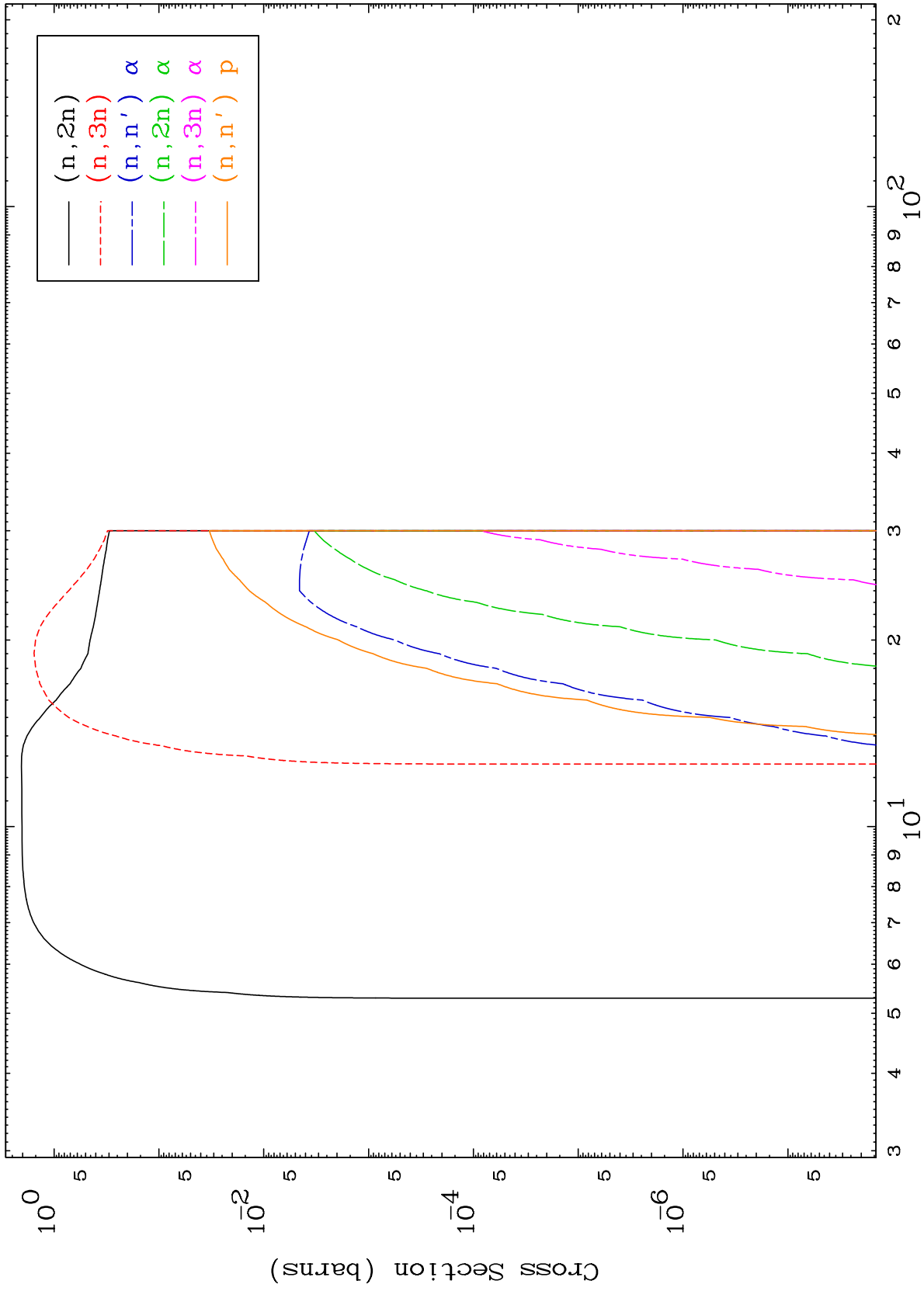
60-Nd-153



MAT 6058

Neutron Production 293 Kelvin Cross Sections

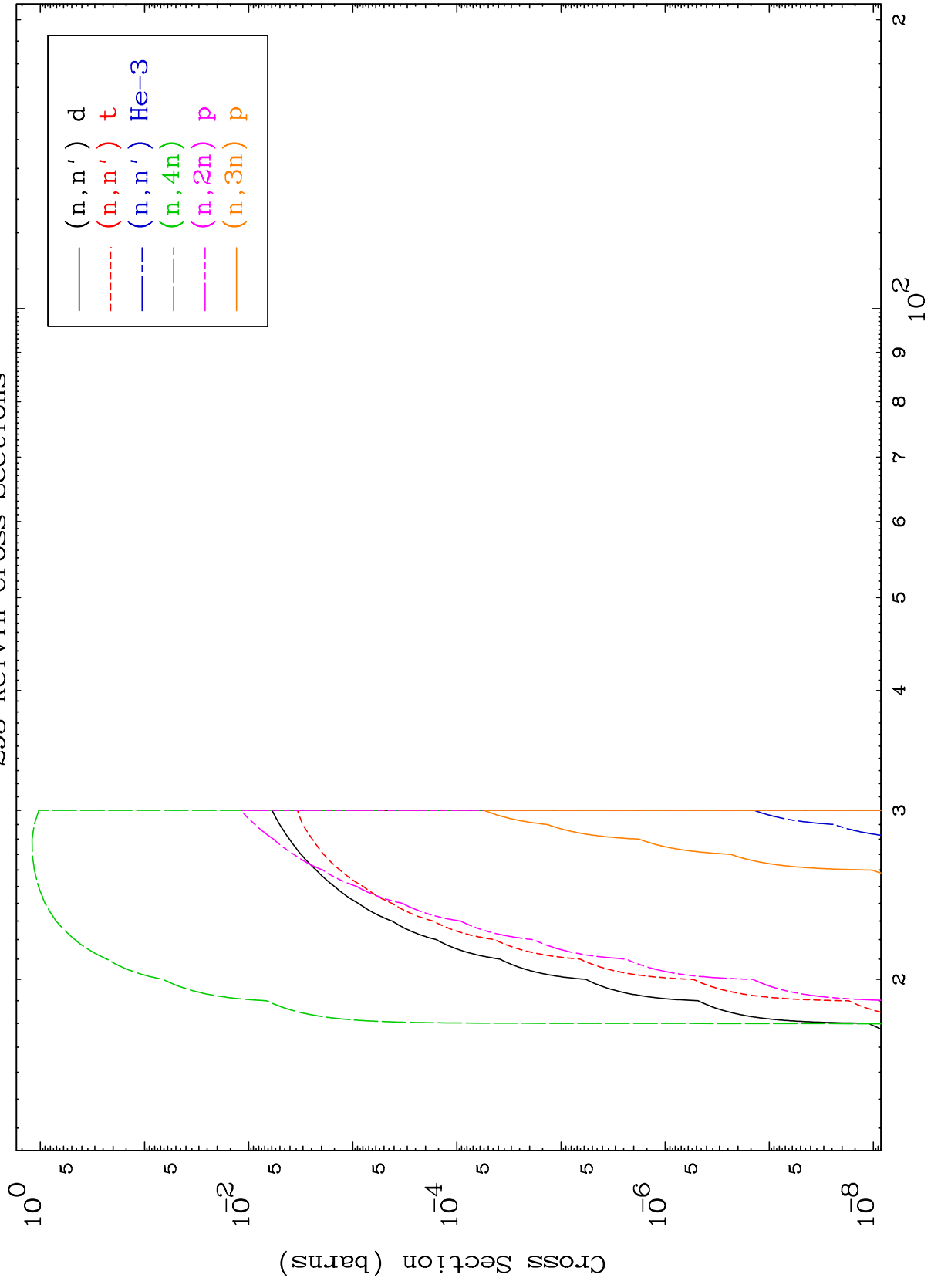
60-Nd-153

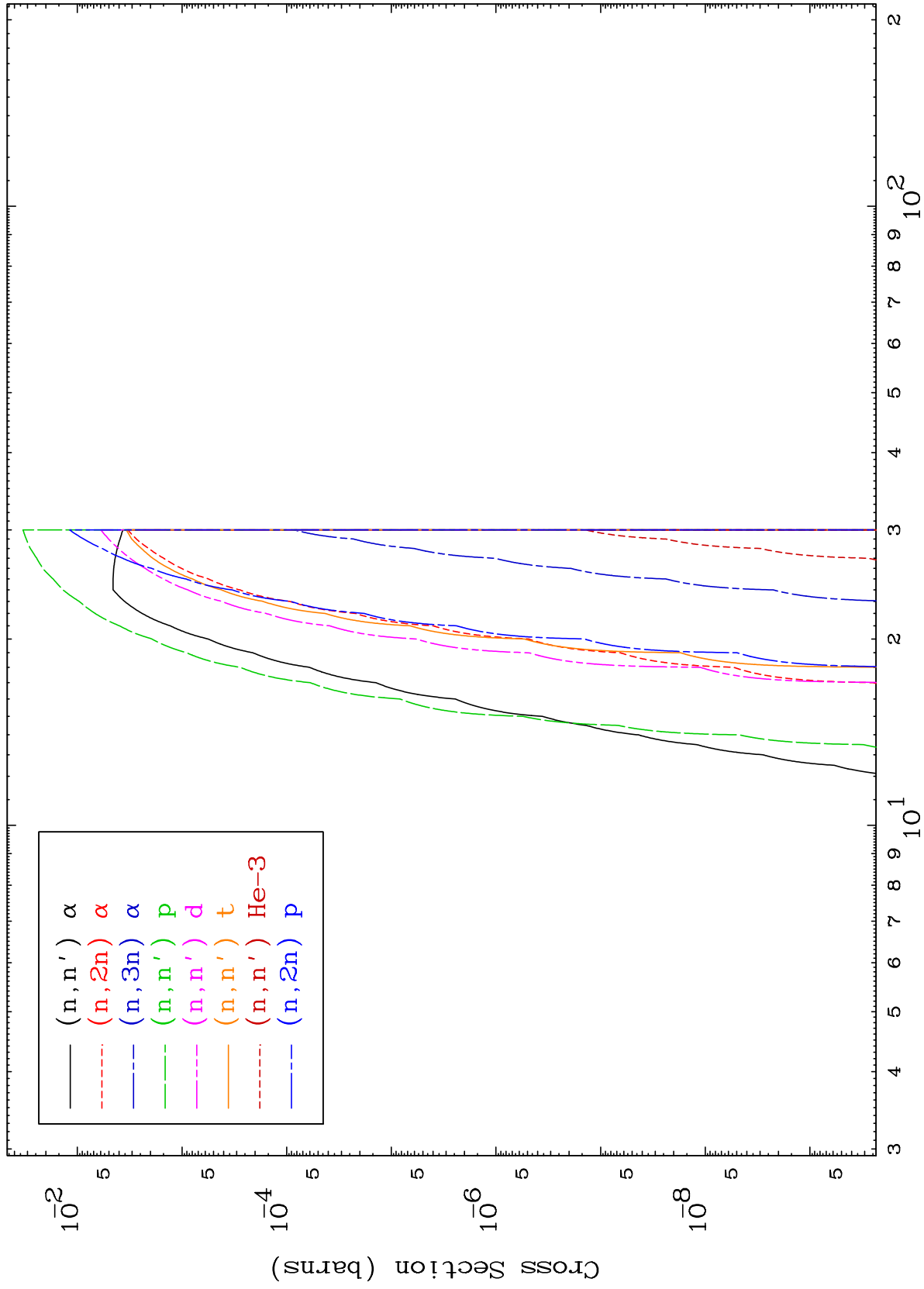


2

Incident Energy (MeV)

60-Nd-153

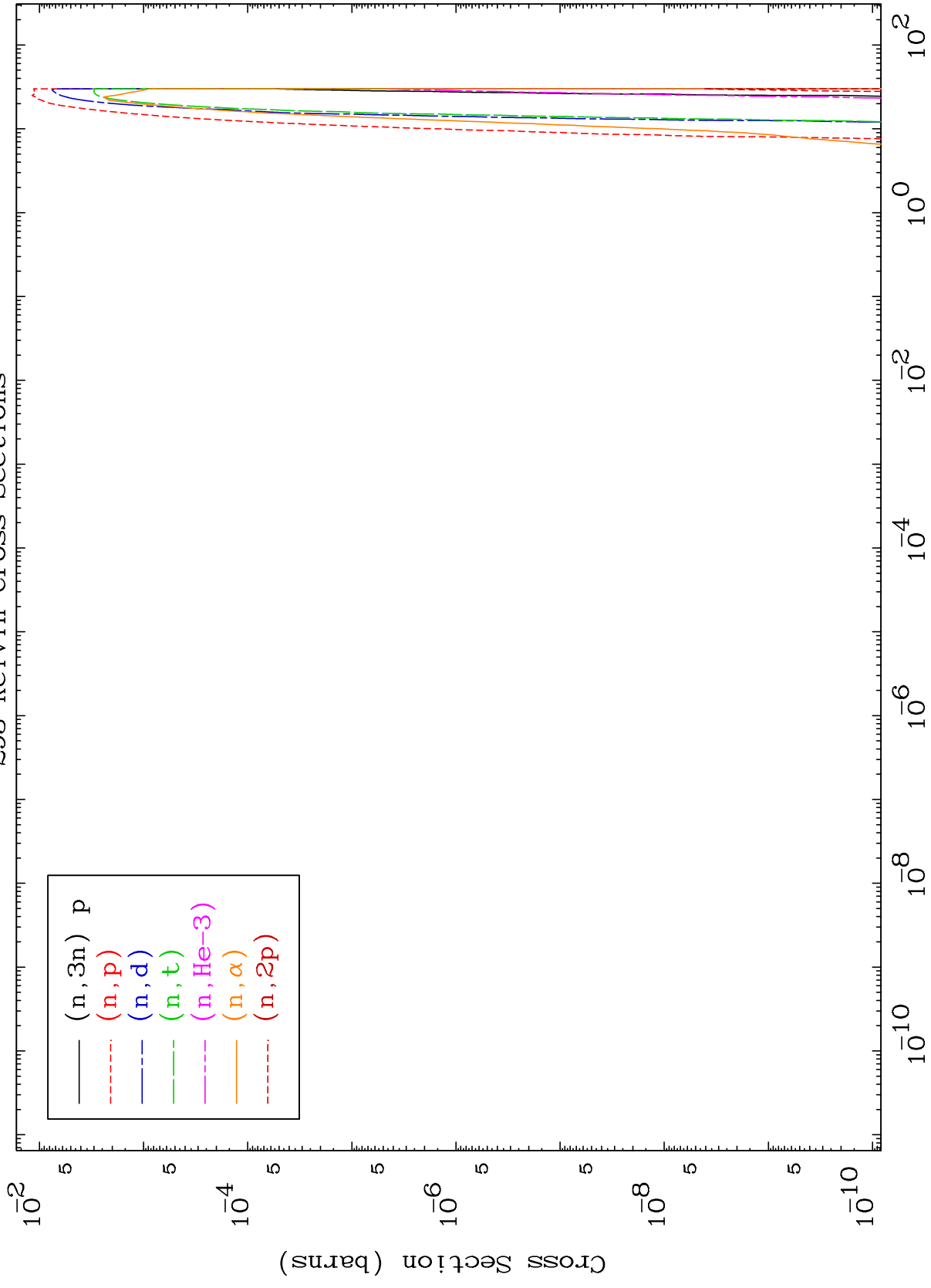




MAT 6058

Charged Particle
293 Kelvin Cross Sections

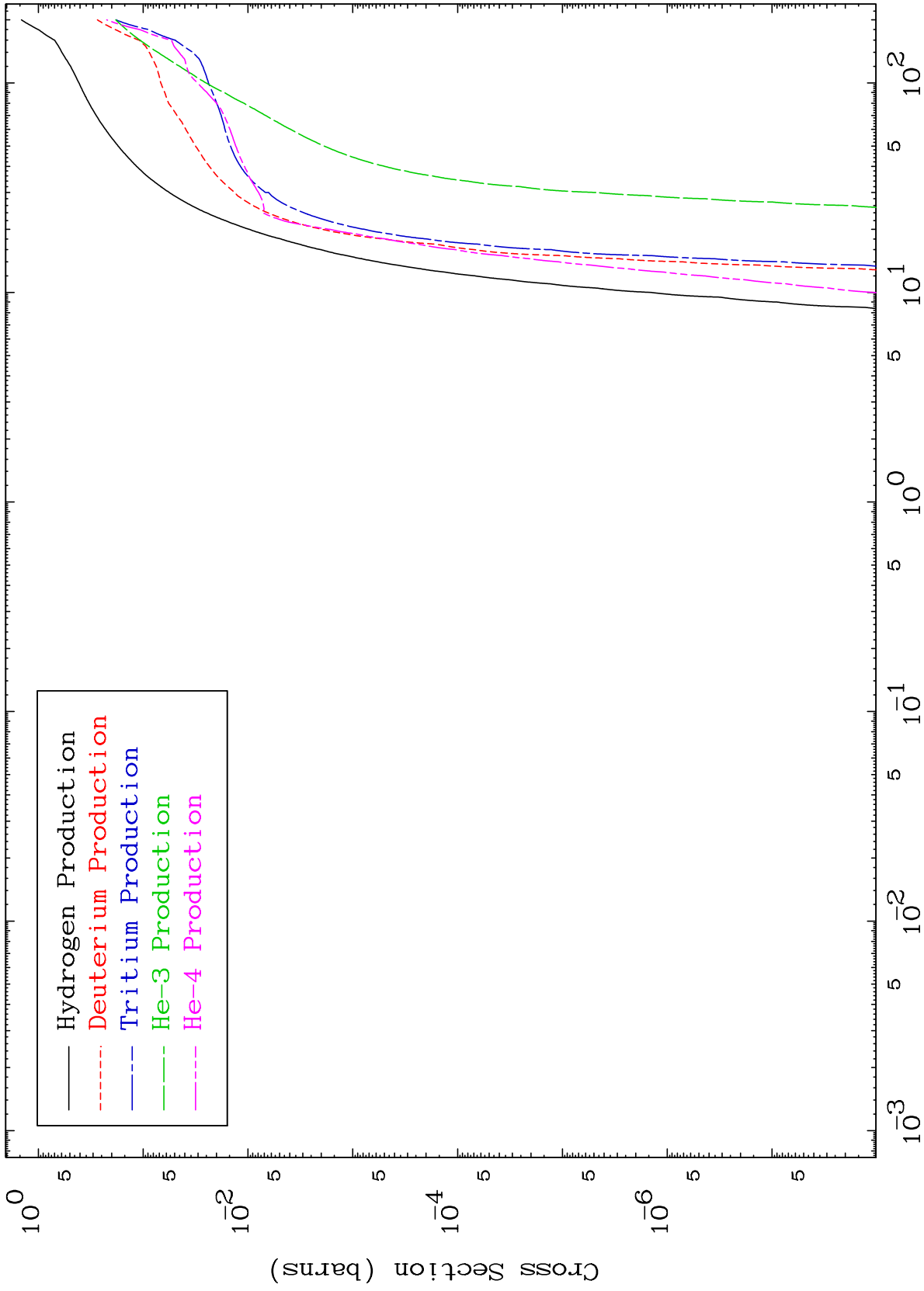
60-Nd-153



MAT 6058

Particle Production
293 Kelvin Cross Sections

60-Nd-153



6

Incident Energy (MeV)

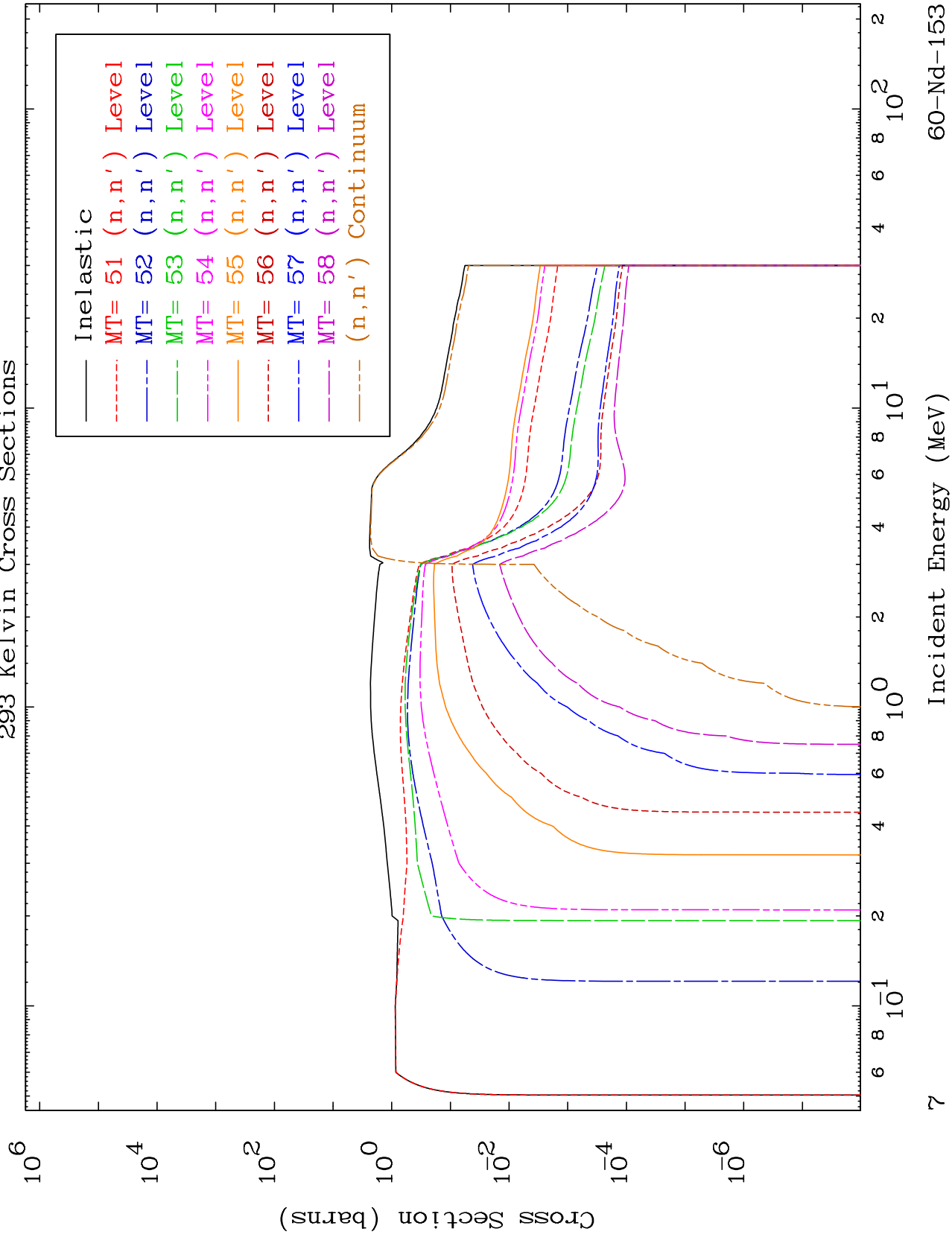
60-Nd-153

MAT 6058

(n,n') Level

60-Nd-153

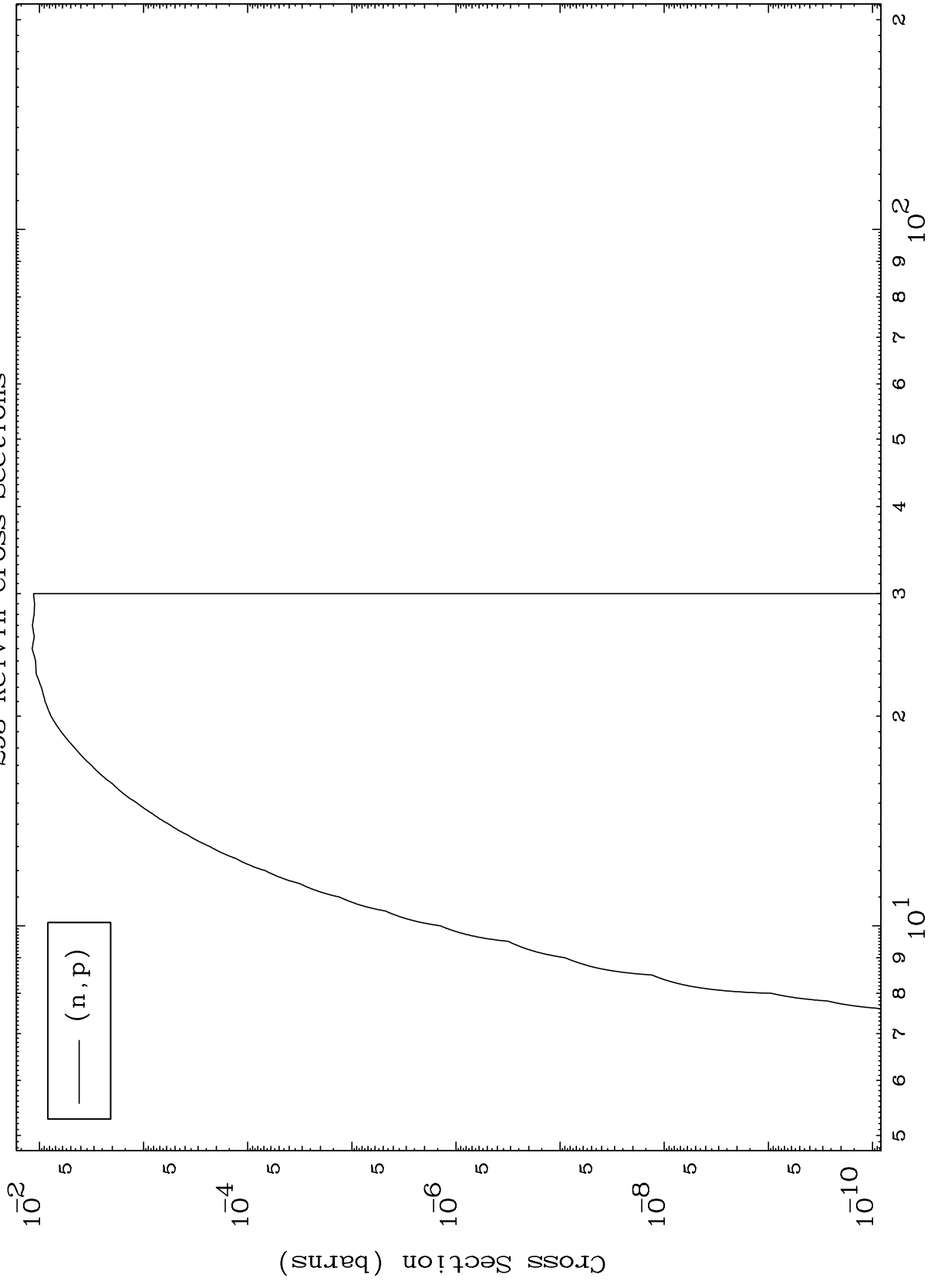
293 Kelvin Cross Sections



MAT 6058

60-Nd-153

(n,p) Levels
293 Kelvin Cross Sections



(n,p)

8

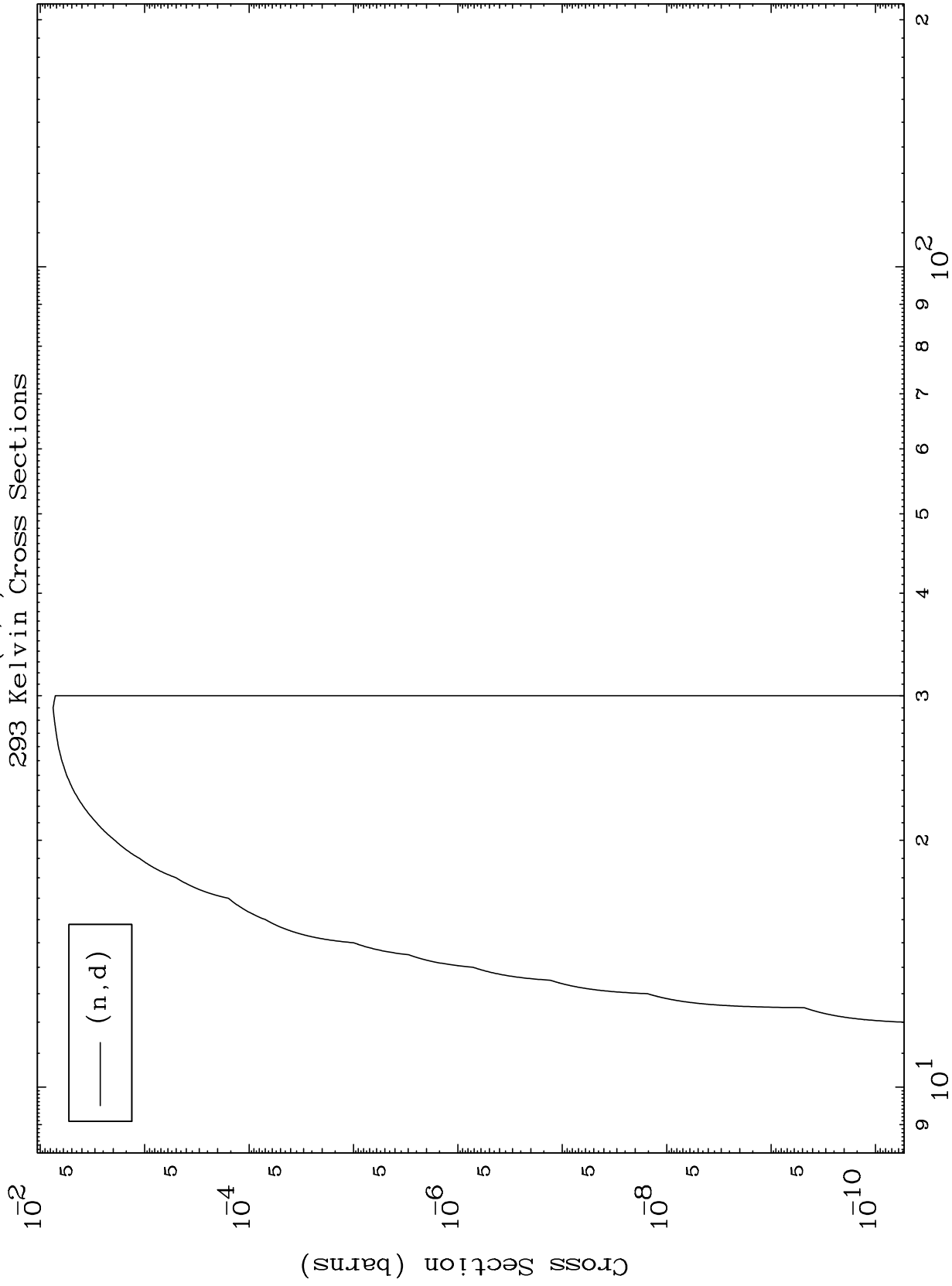
60-Nd-153

Incident Energy (MeV)

MAT 6058

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-153



9

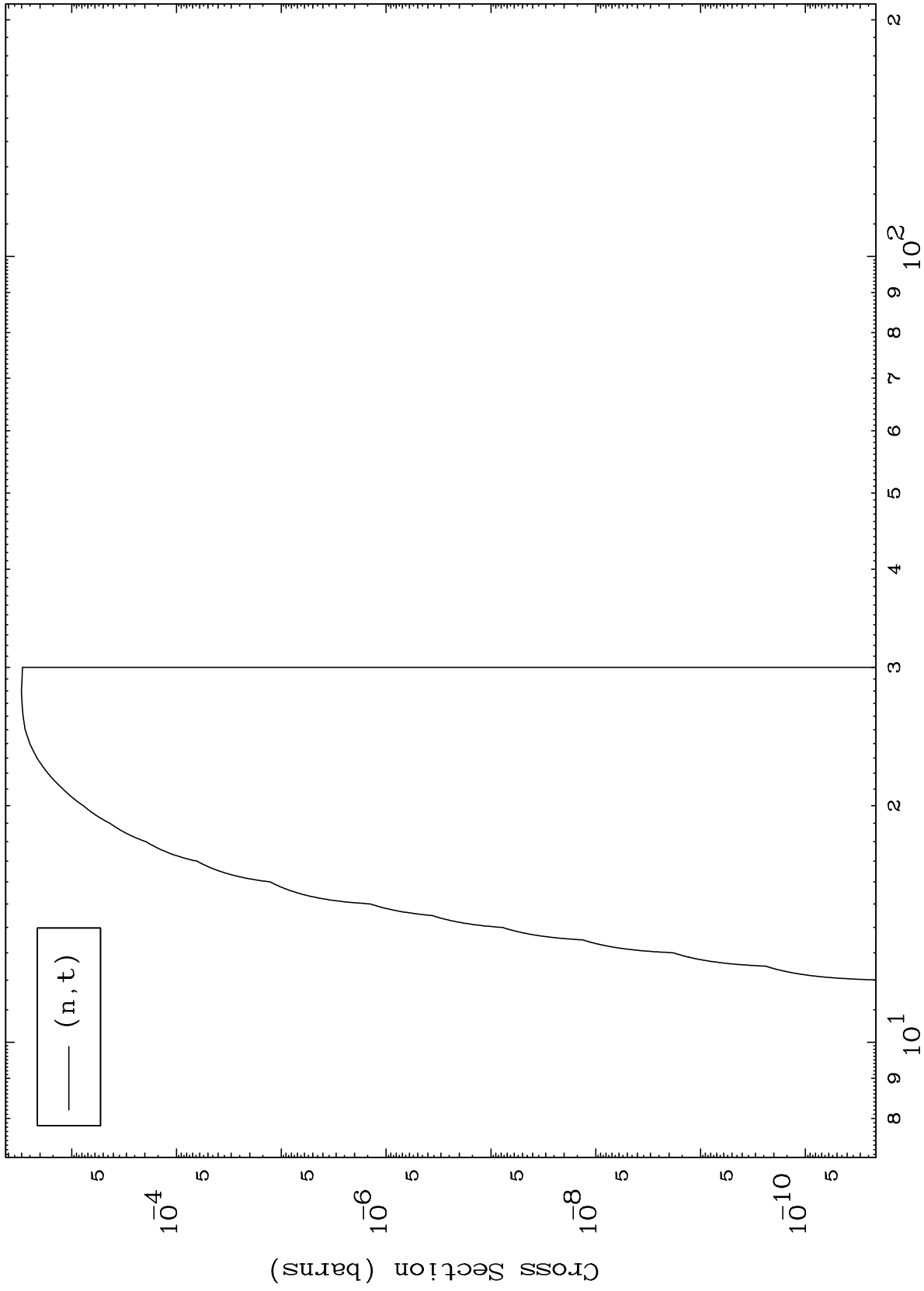
Incident Energy (MeV)

60-Nd-153

MAT 6058

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-153



10

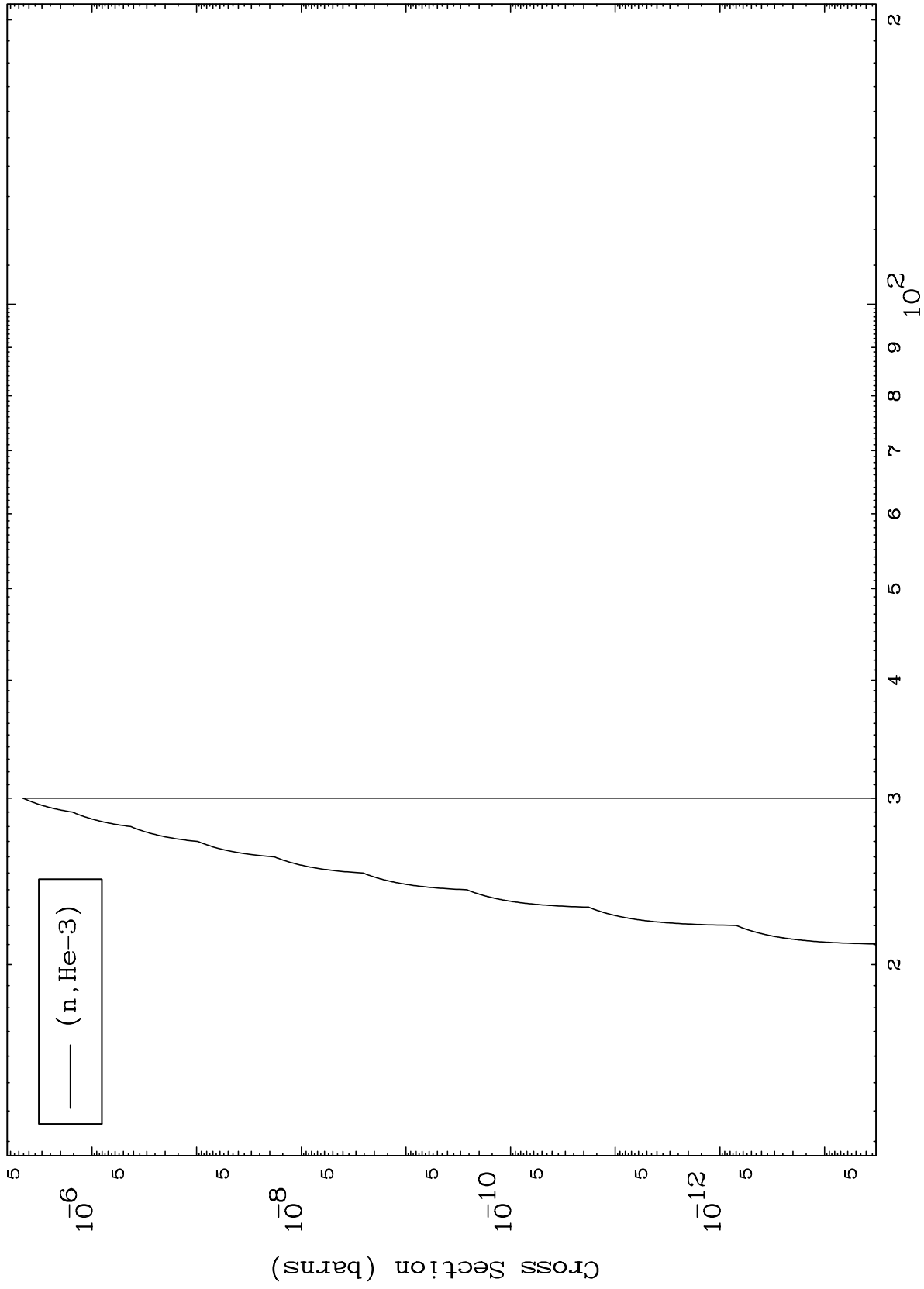
Incident Energy (MeV)

60-Nd-153

MAT 6058

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-153



11

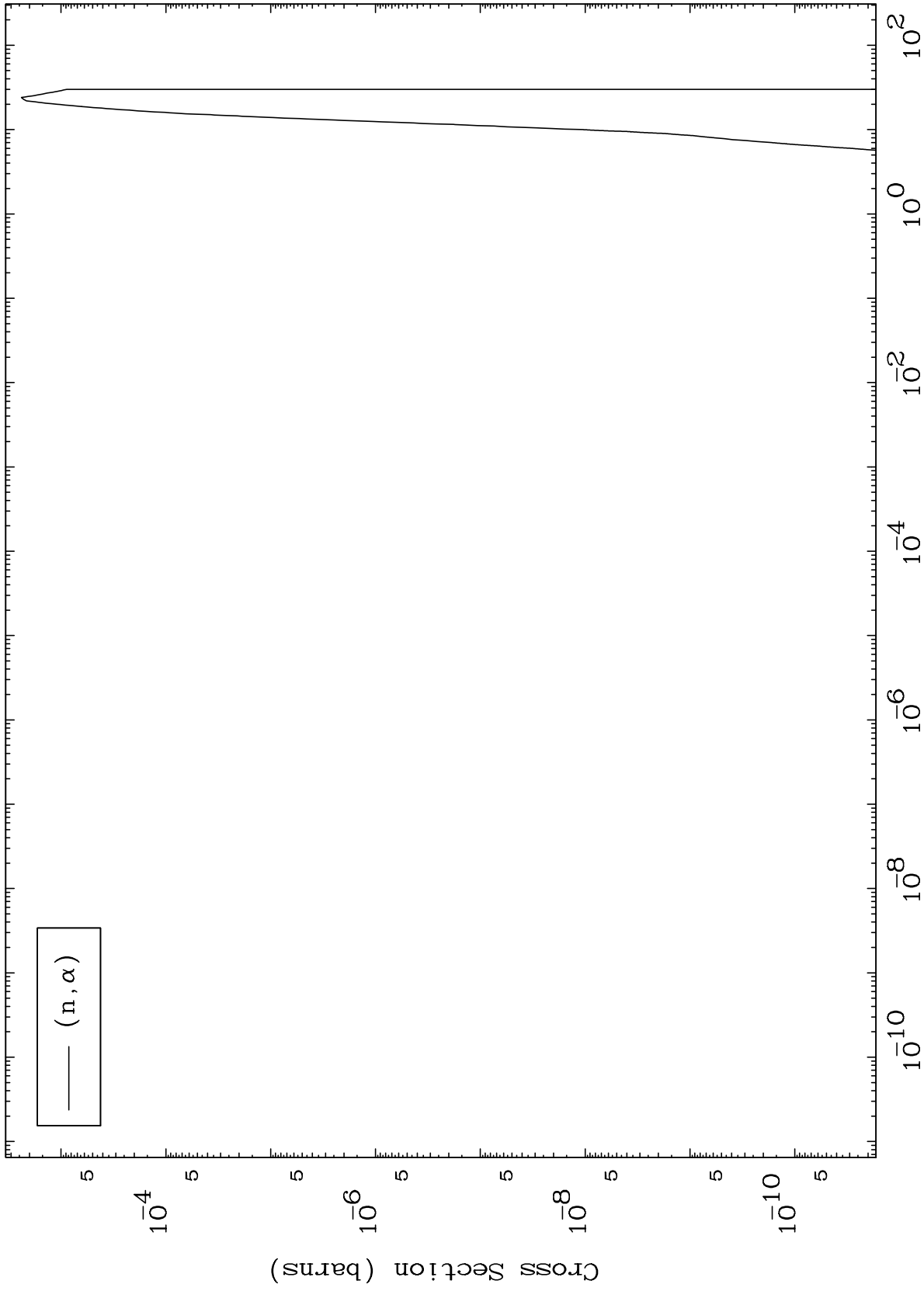
Incident Energy (MeV)

60-Nd-153

MAT 6058

(n,α) Levels
293 Kelvin Cross Sections

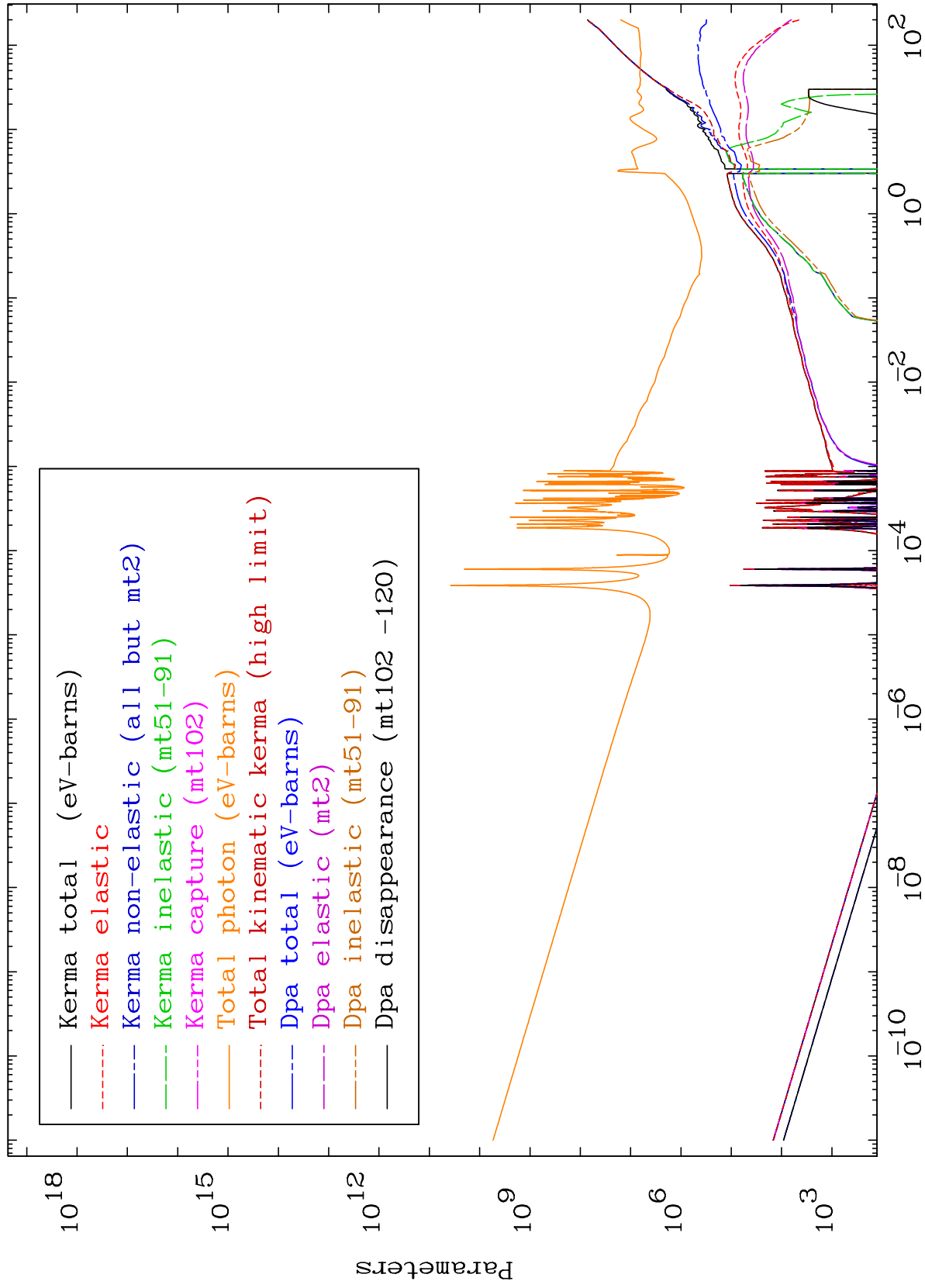
60-Nd-153

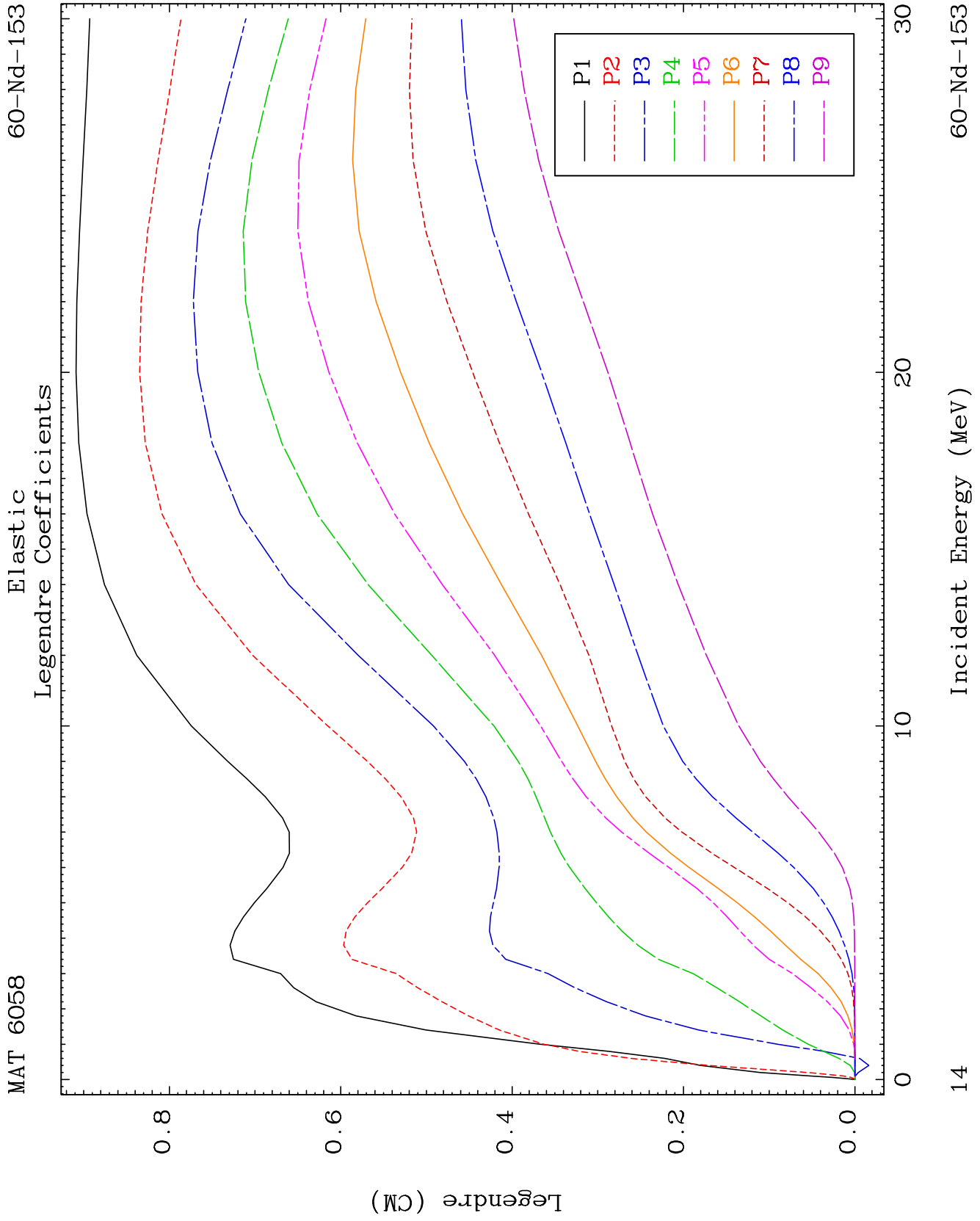


12

Incident Energy (MeV)

60-Nd-153

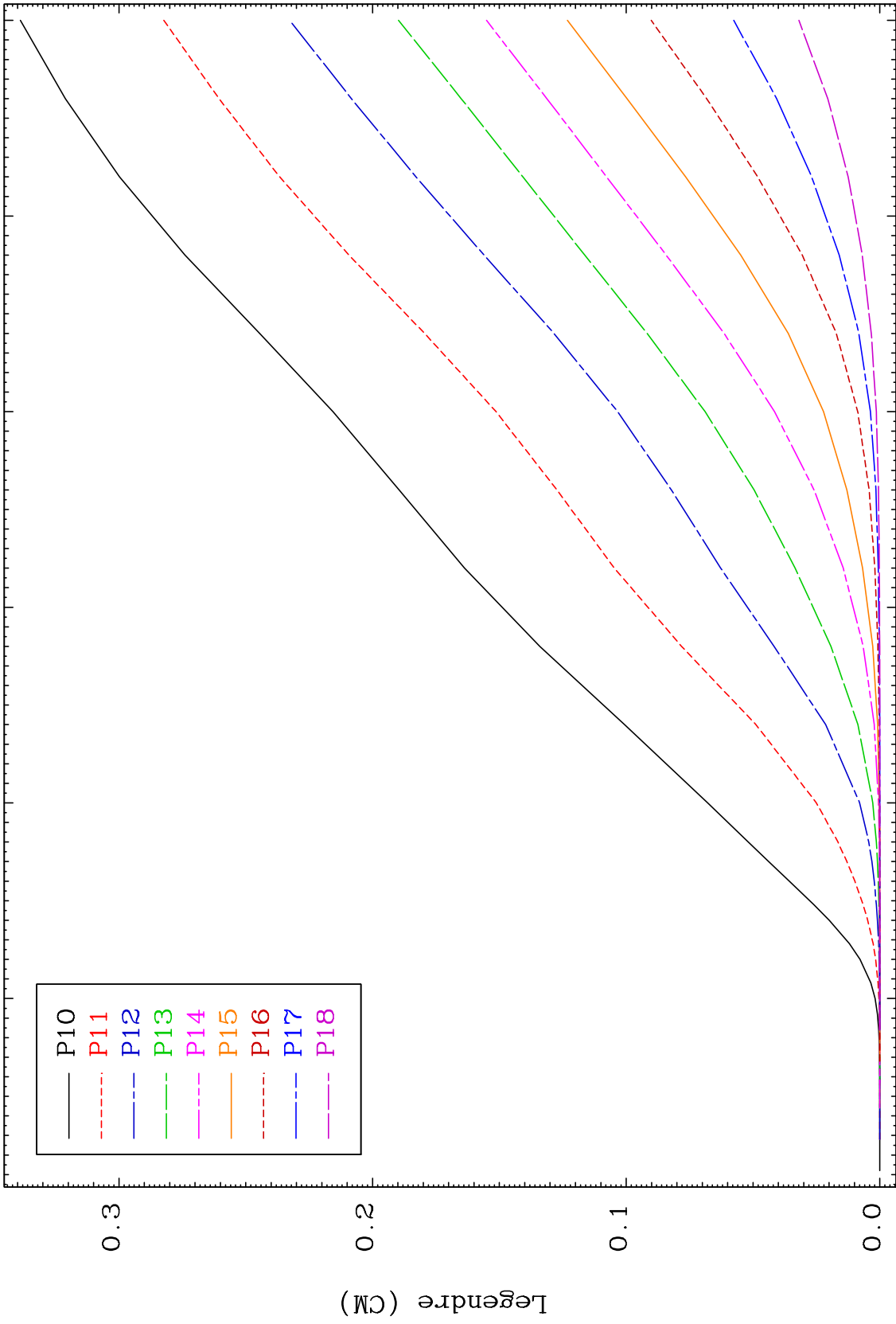




MAT 6058

Elastic Legendre Coefficients

60-Nd-153



15

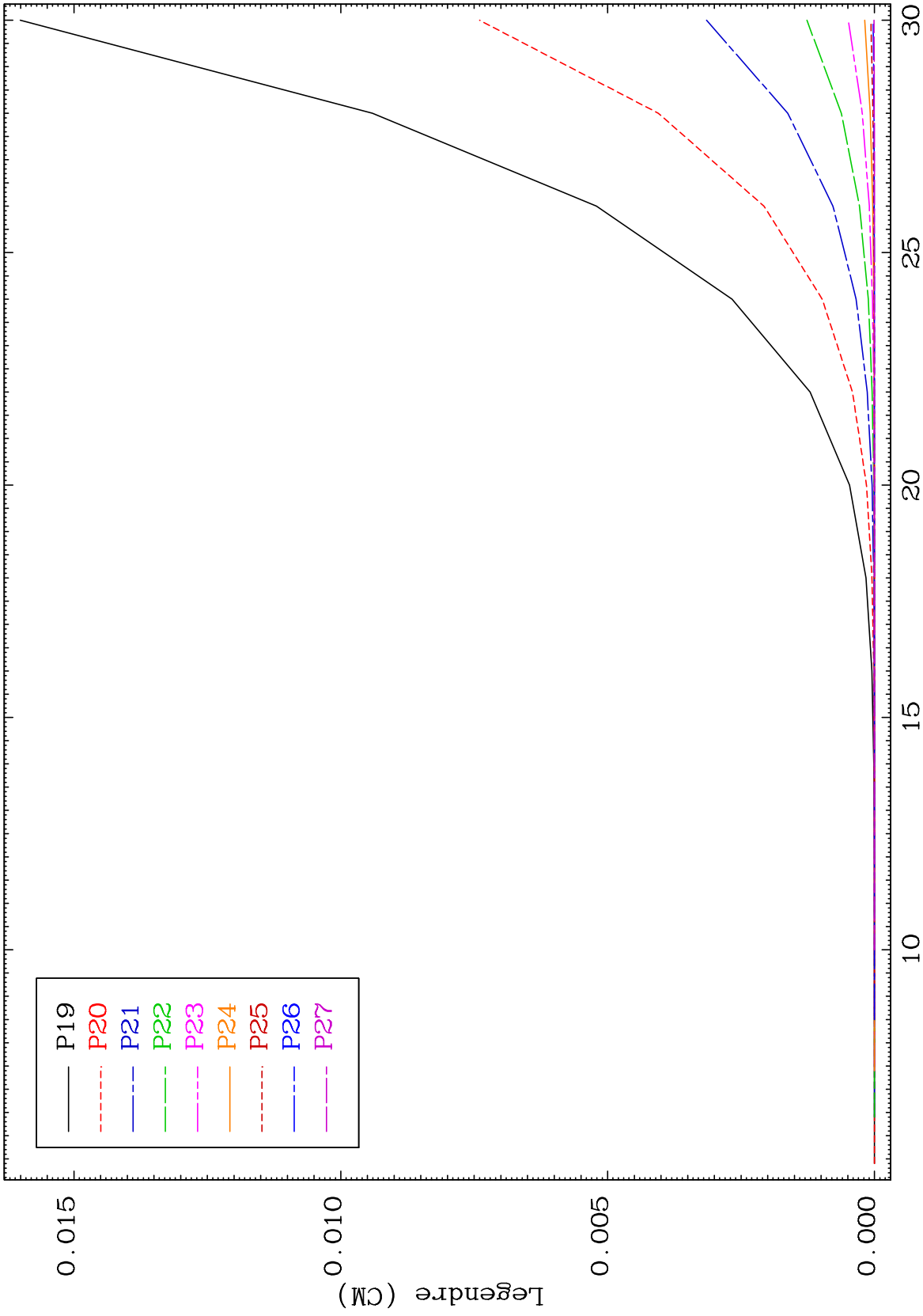
Incident Energy (MeV)

60-Nd-153

MAT 6058

Elastic Legendre Coefficients

60-Nd-153



16

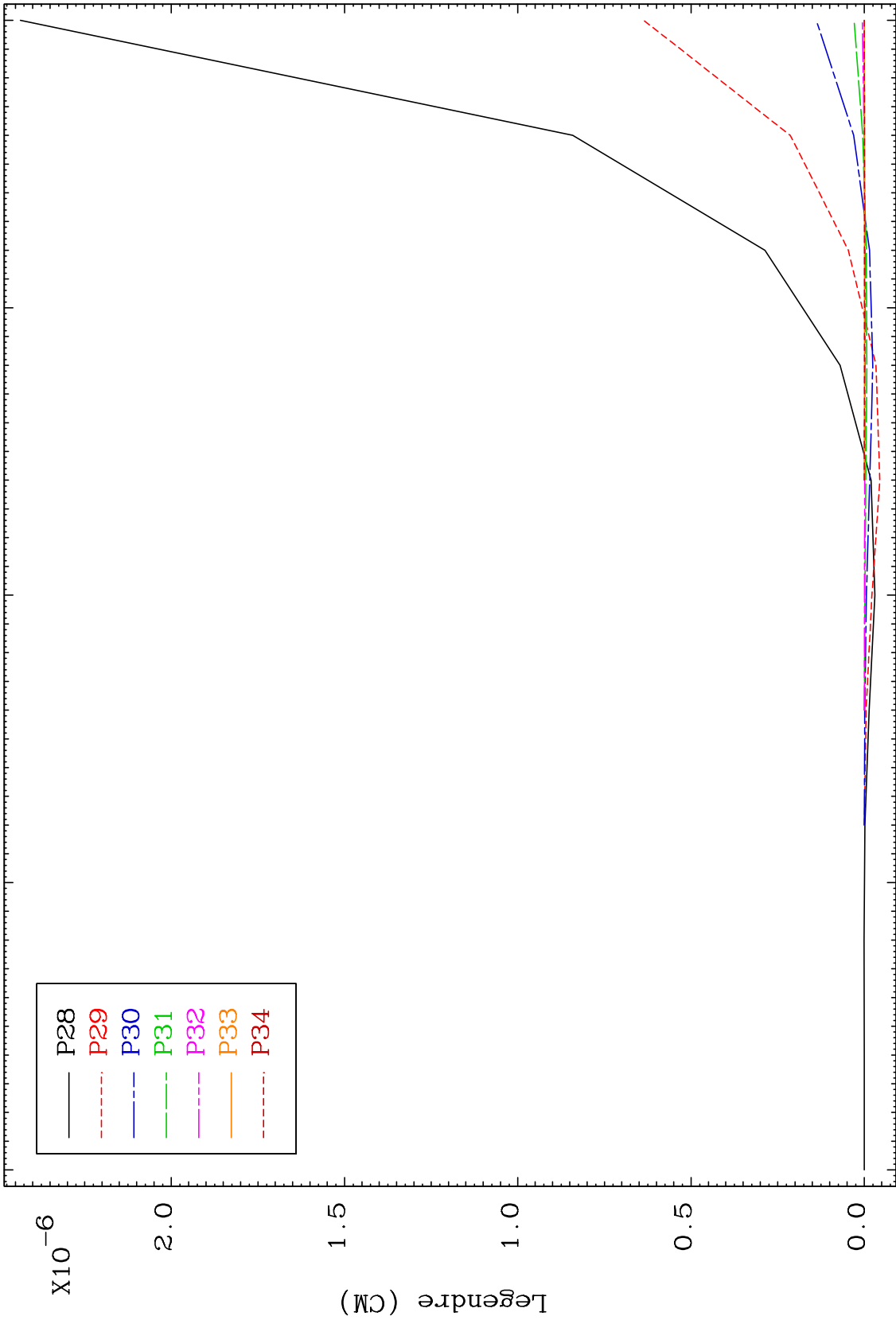
Incident Energy (MeV)

60-Nd-153

MAT 6058

Elastic Legendre Coefficients

60-Nd-153



17

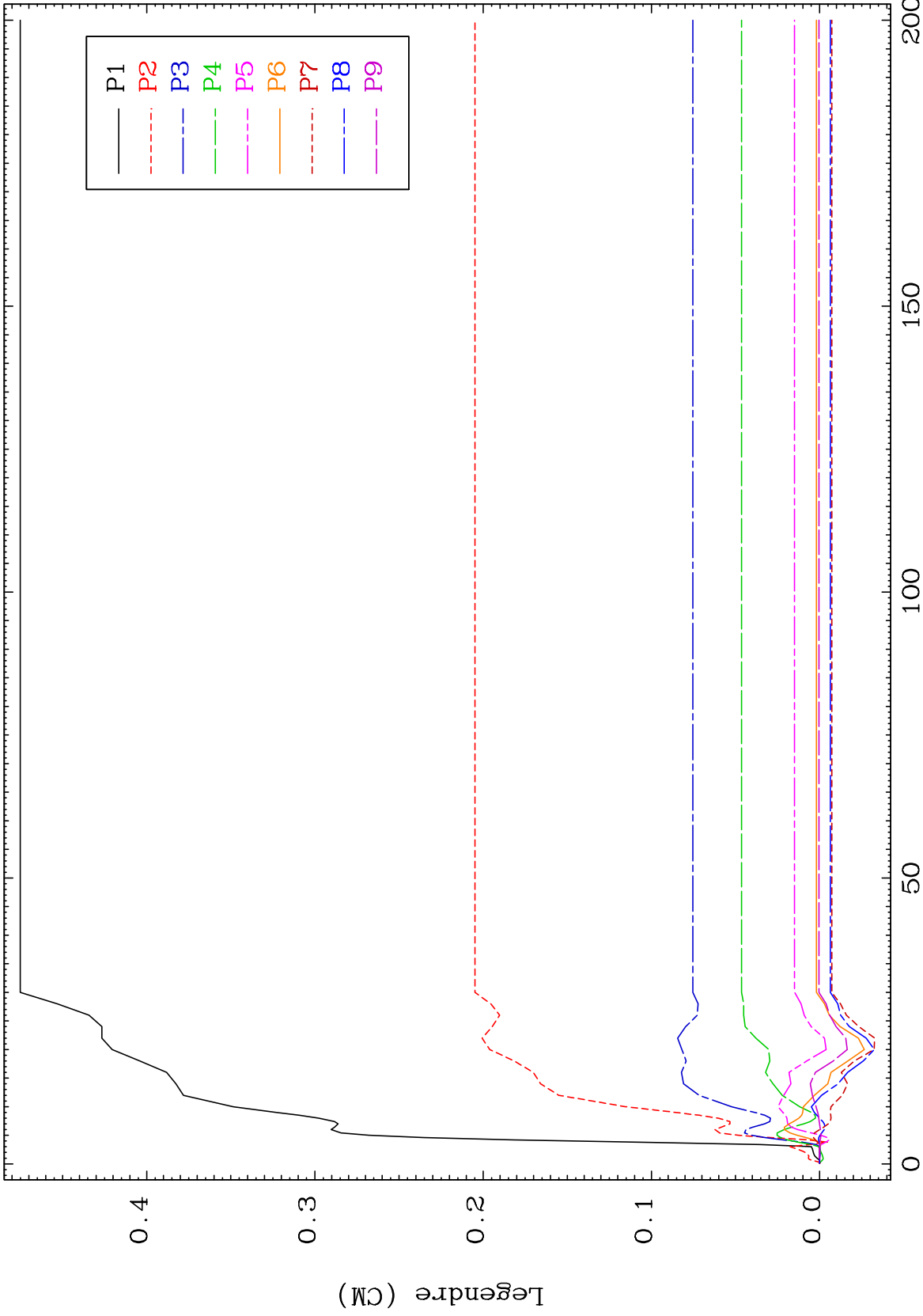
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



18

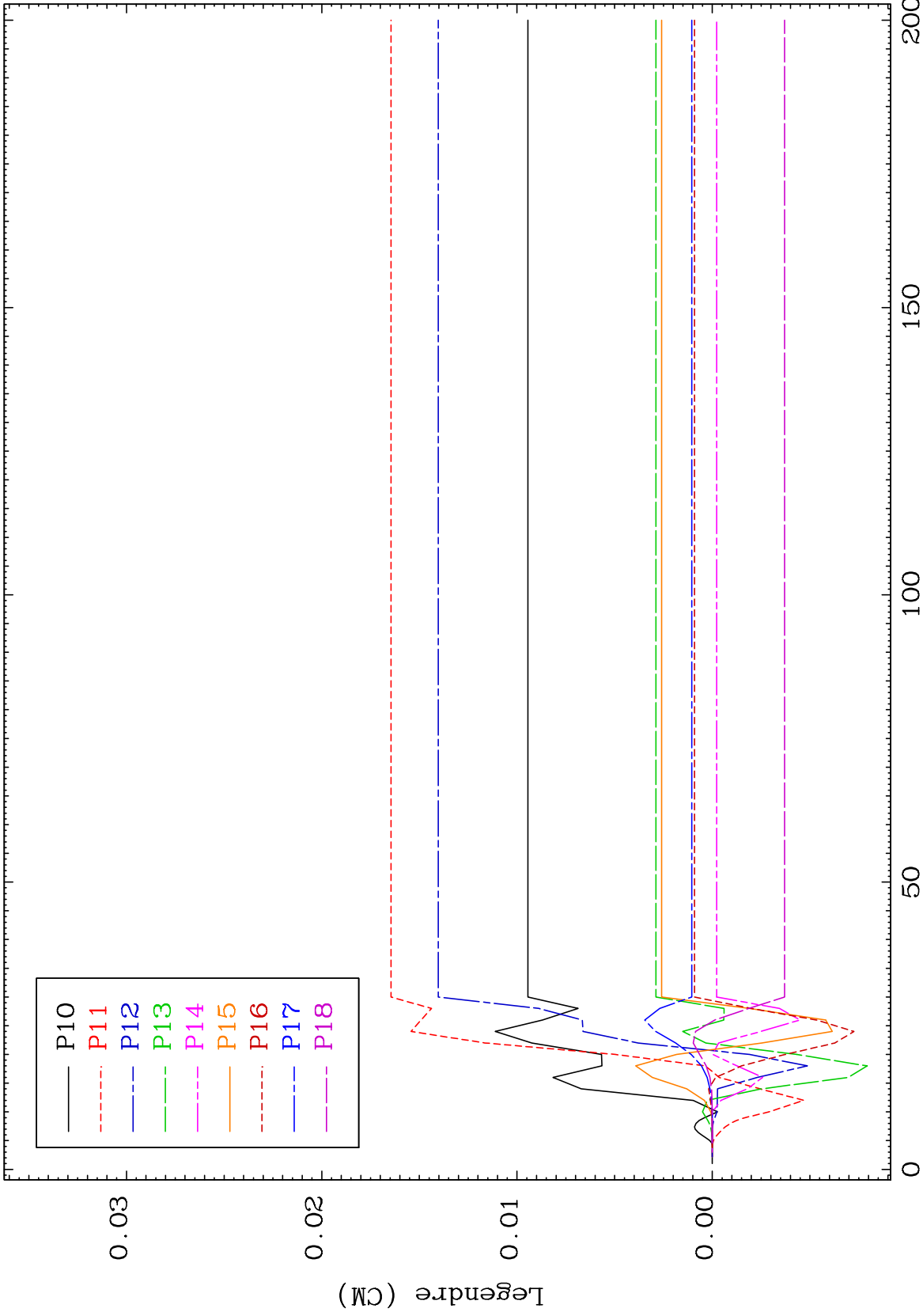
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



19

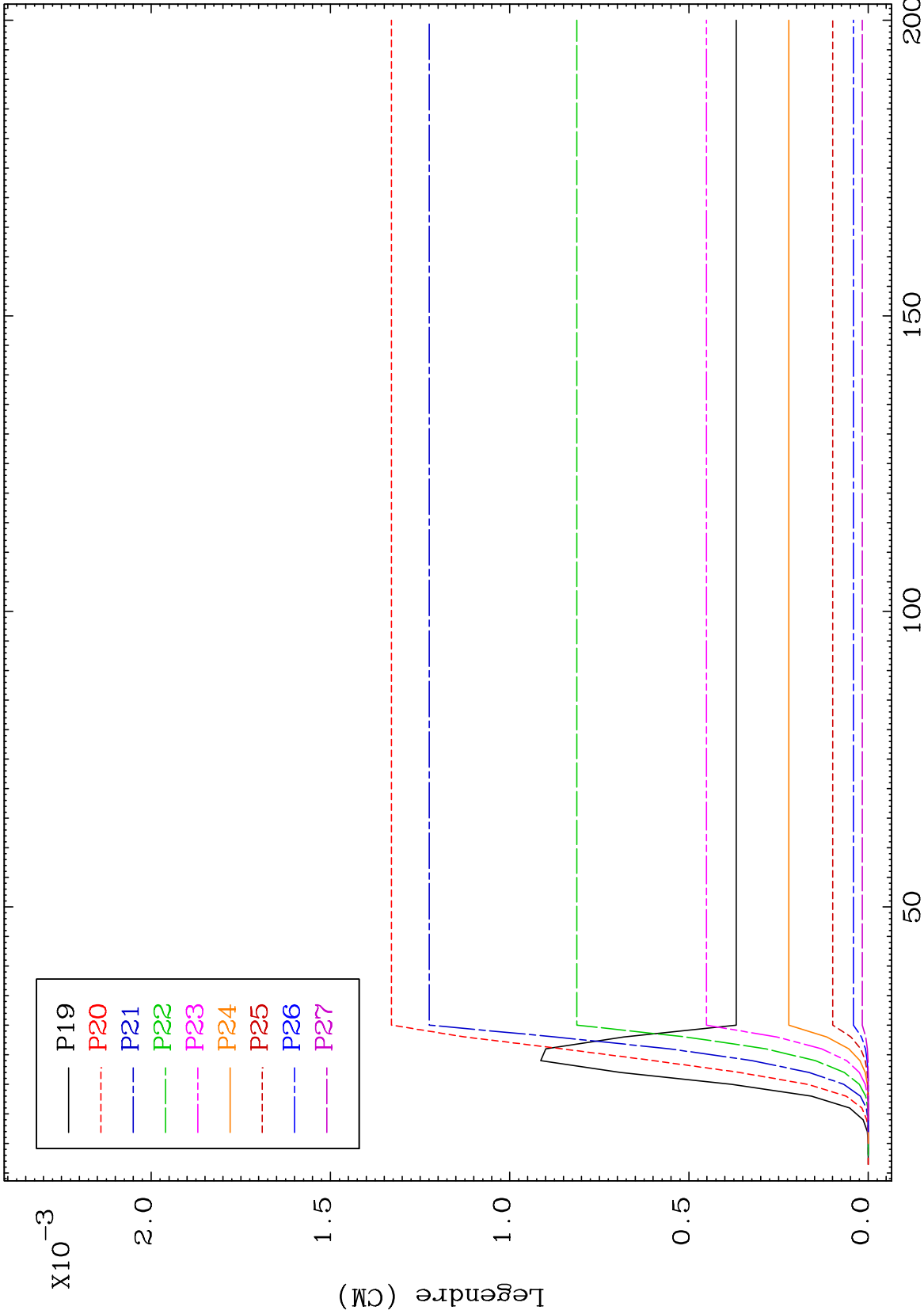
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



20

50

100

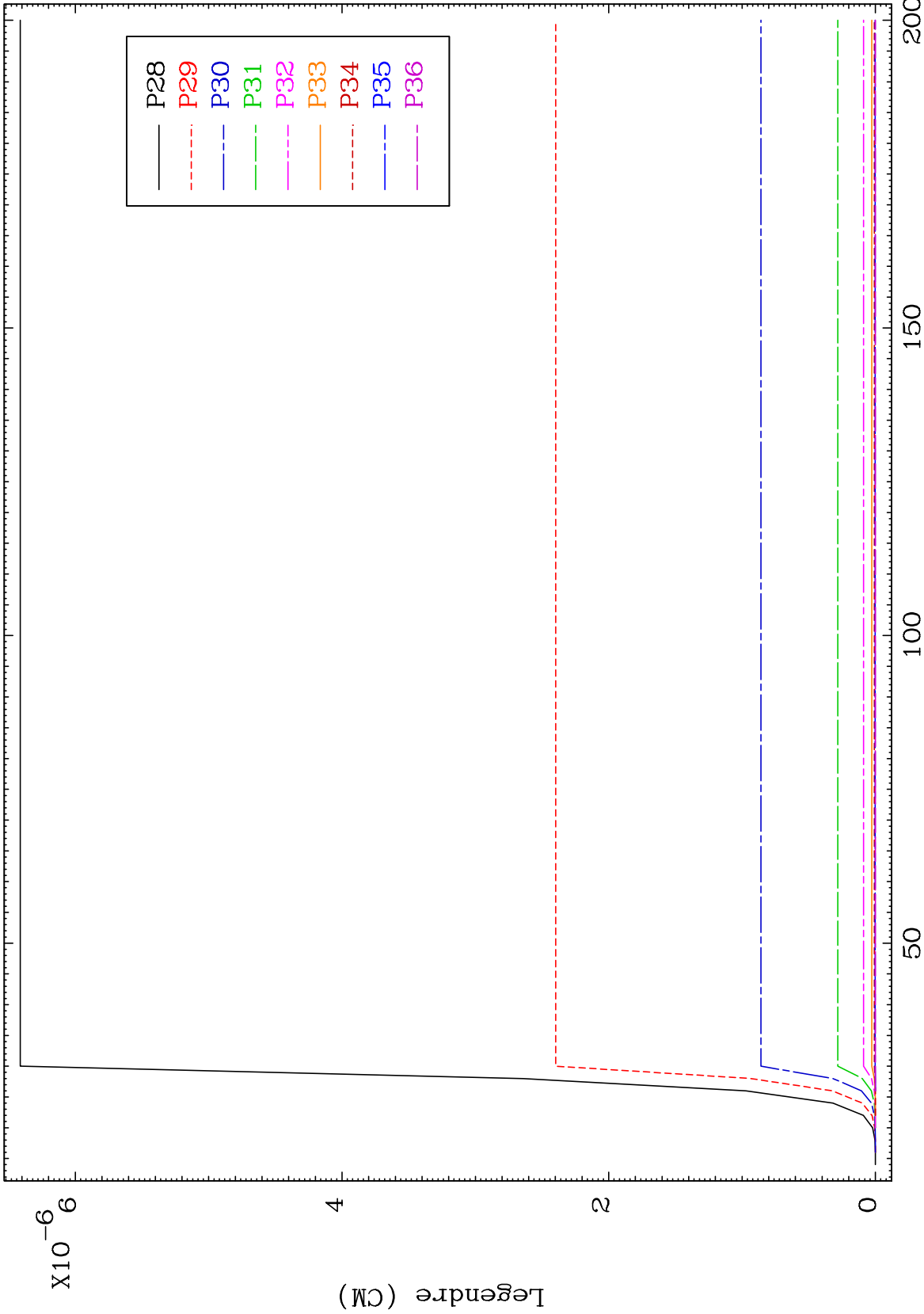
150

200

MAT 6058

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

60-Nd-153



21

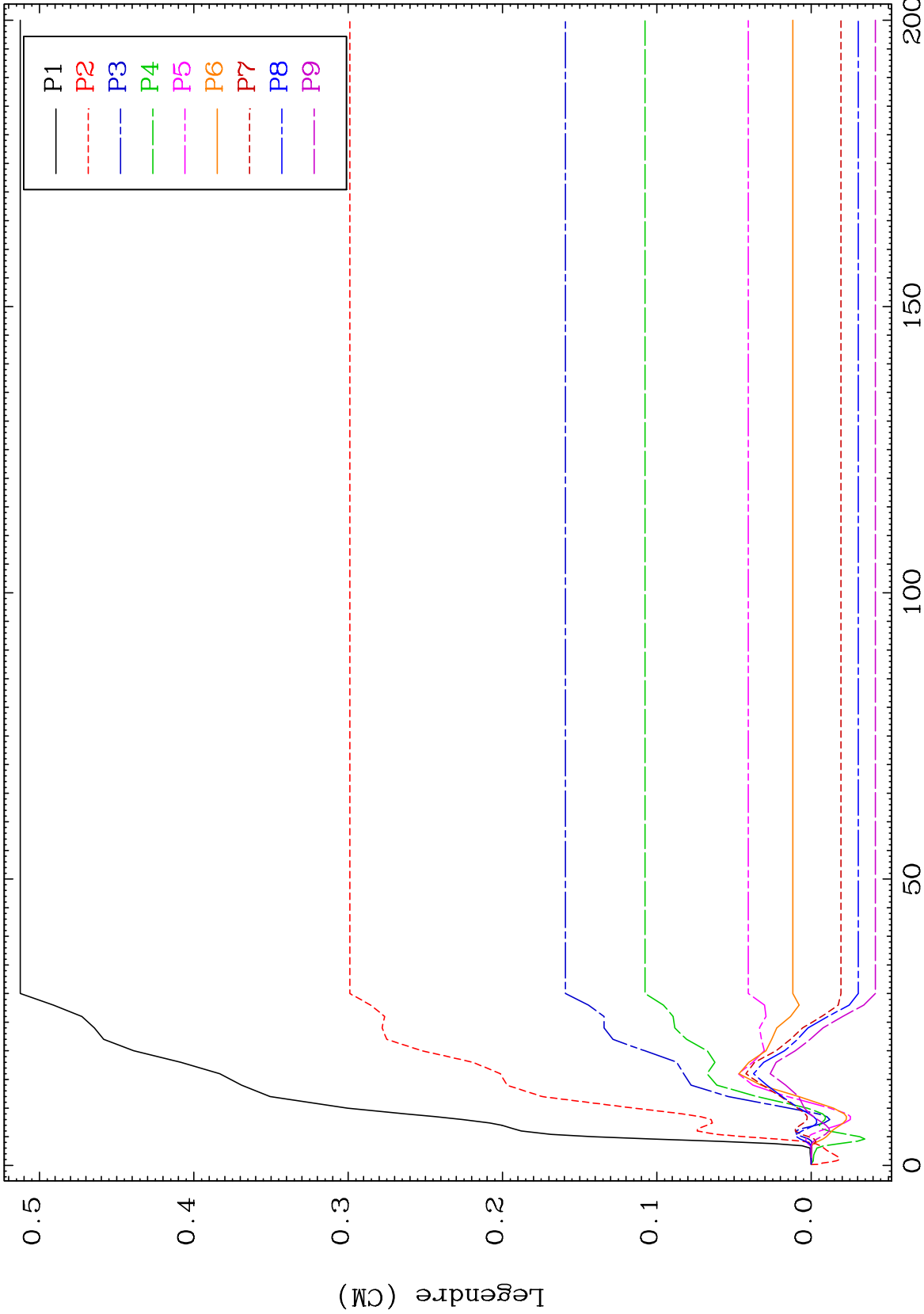
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



22

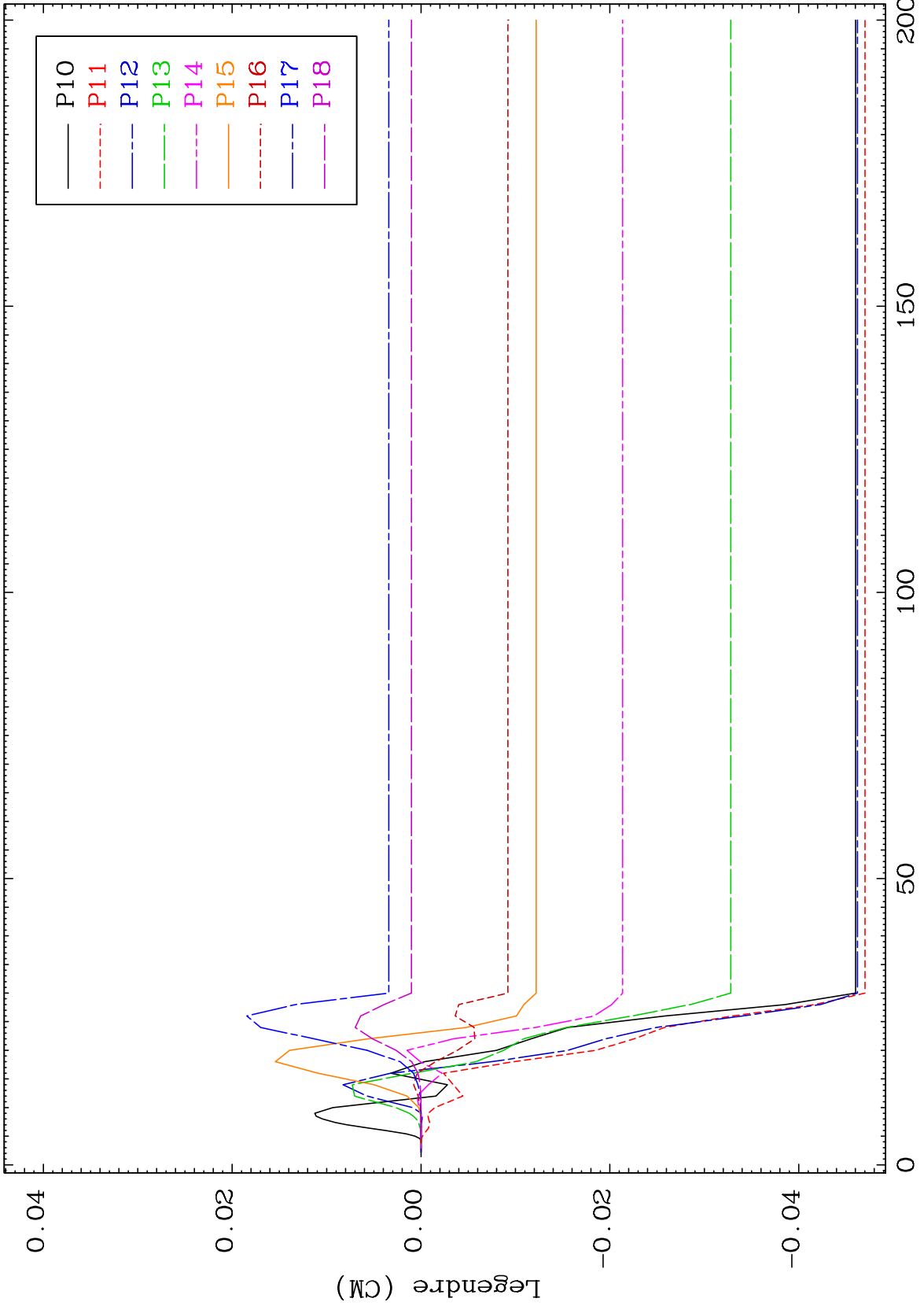
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



23

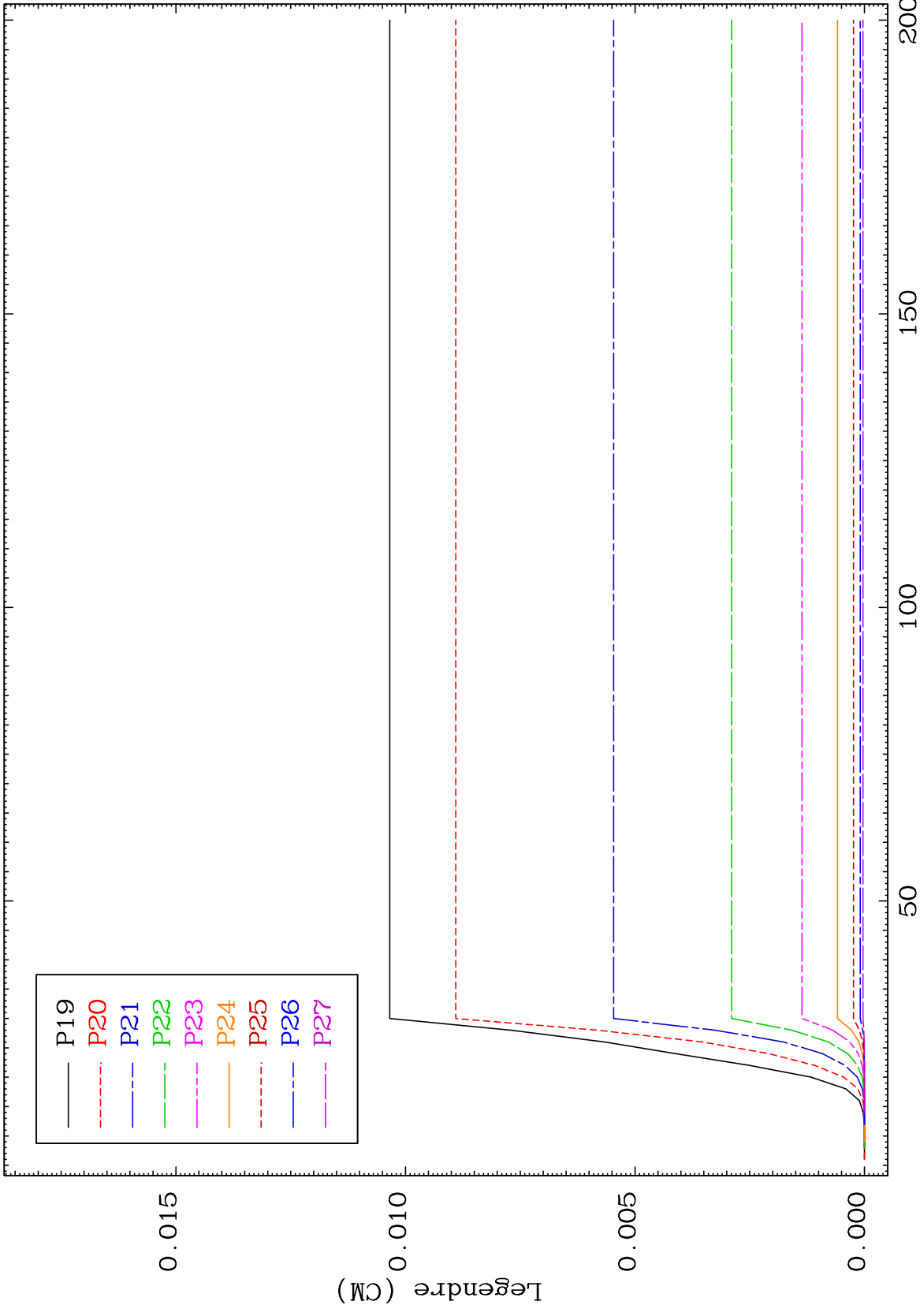
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



24

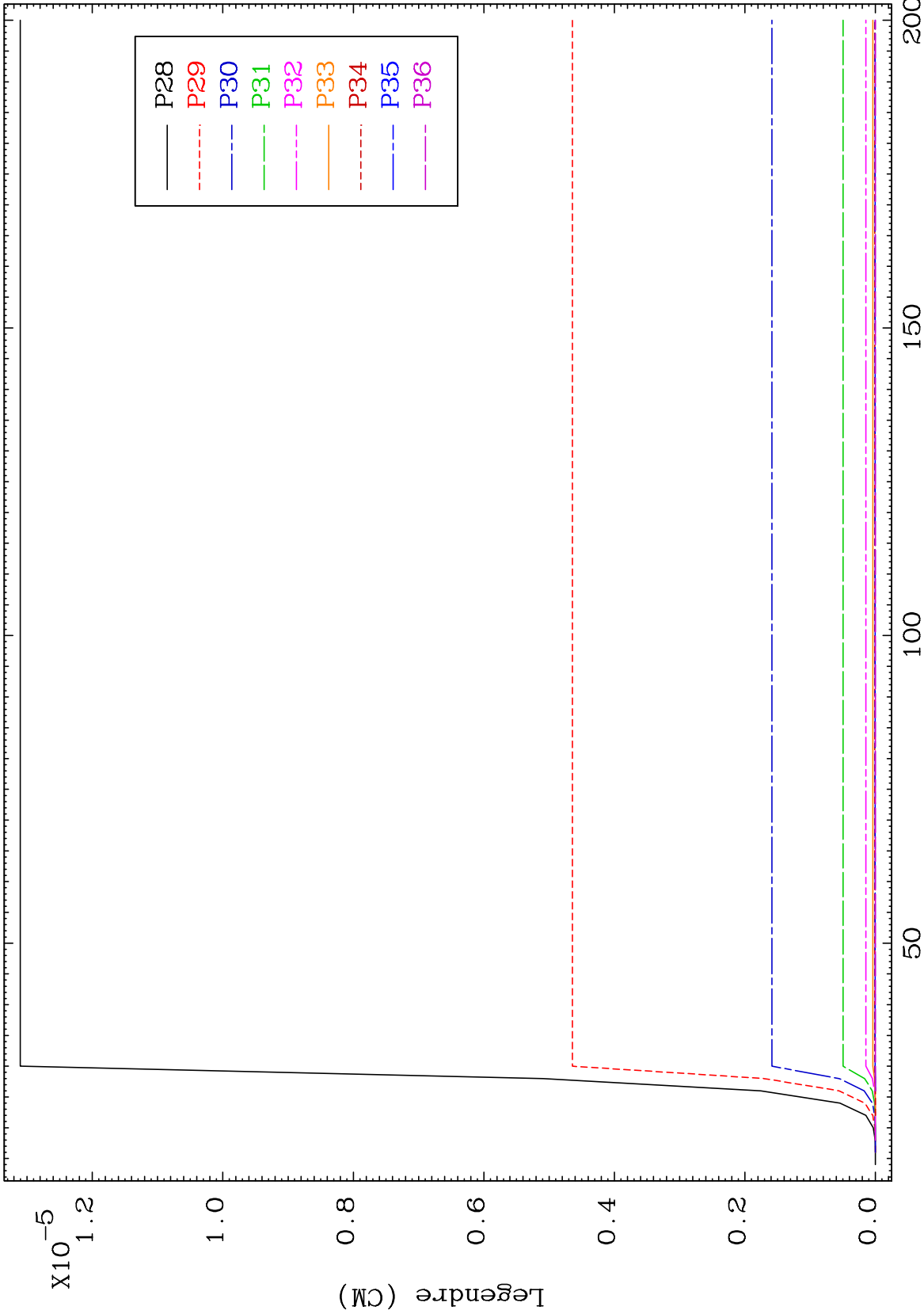
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



25

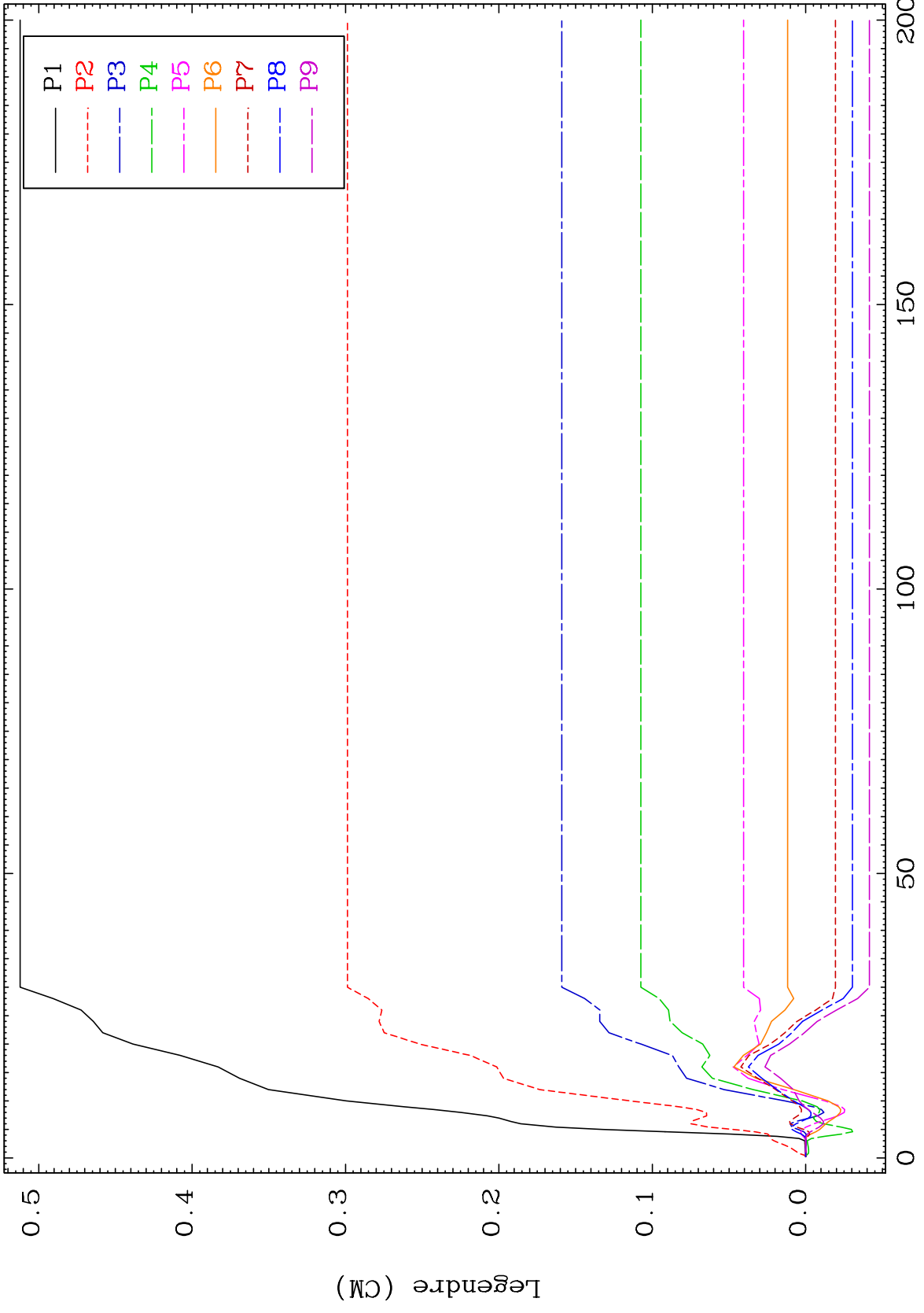
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



26

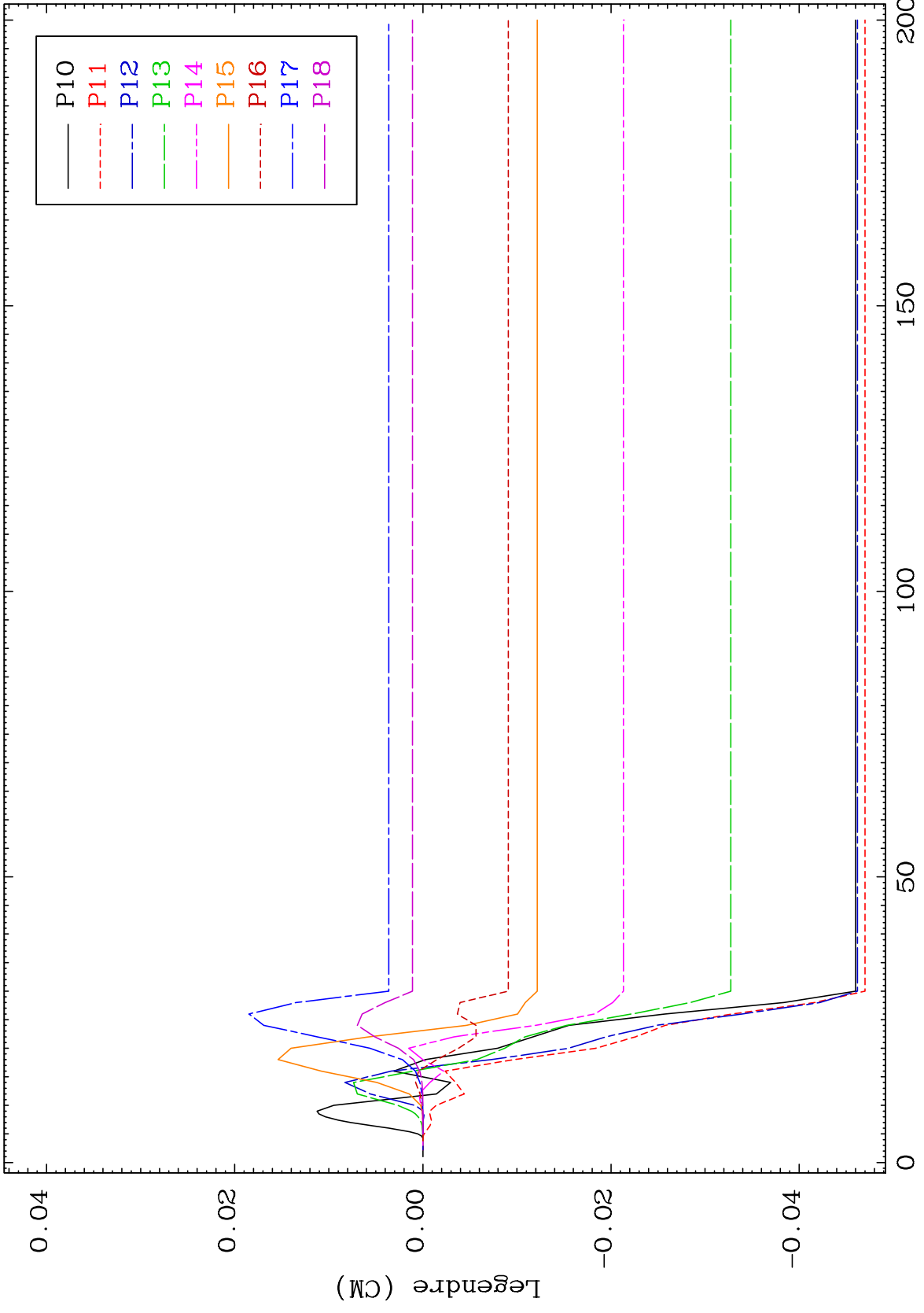
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



27

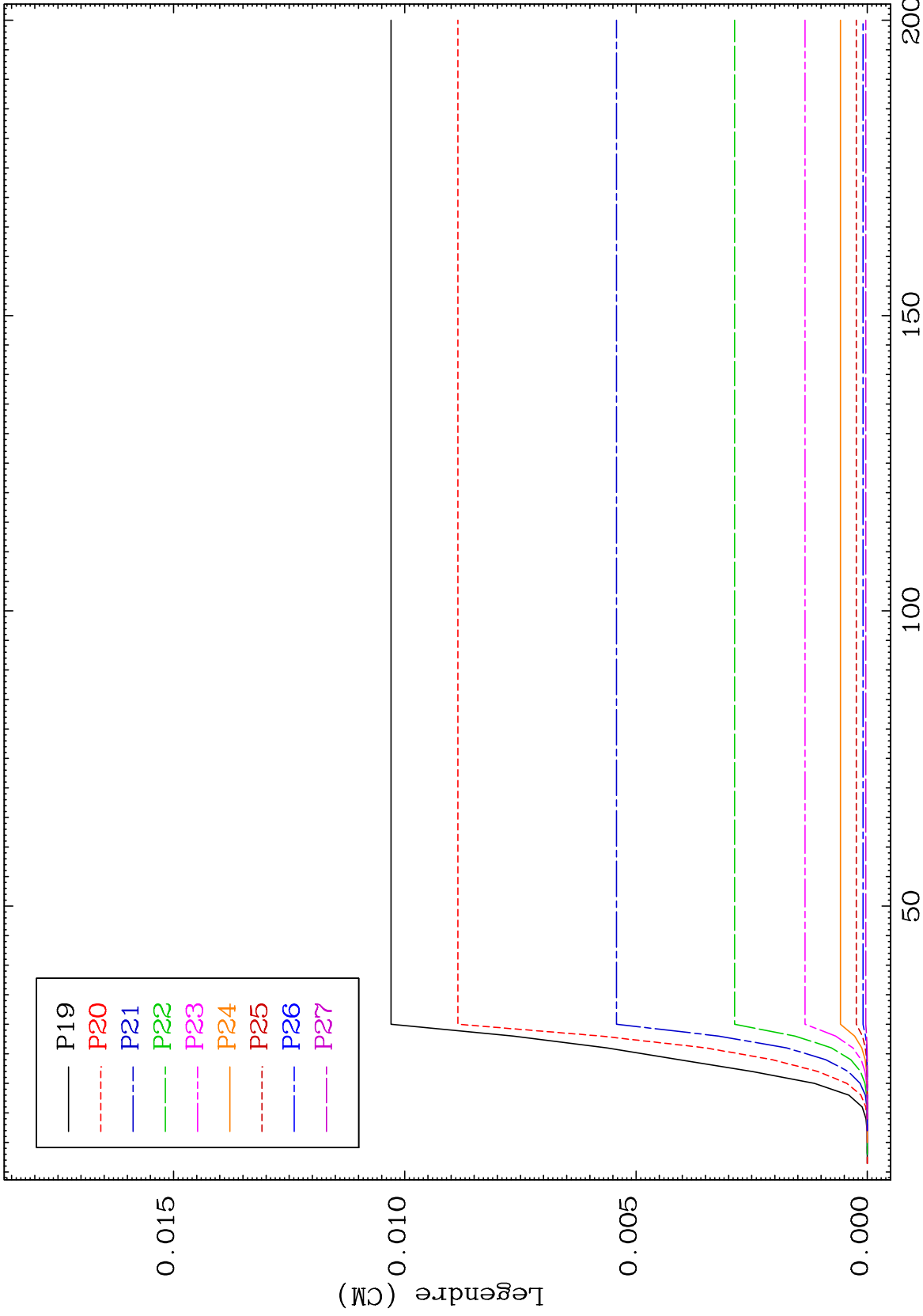
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



28

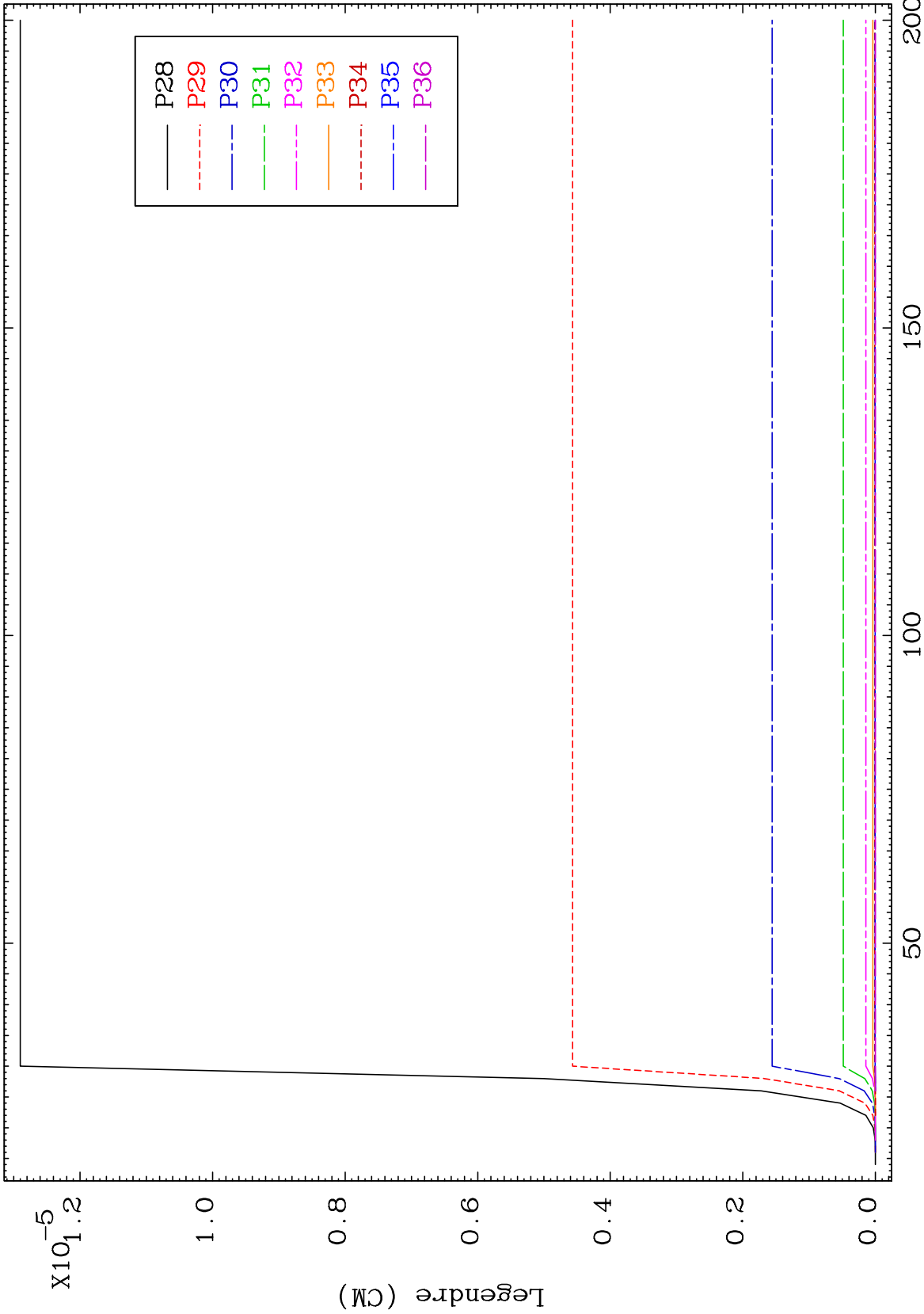
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



29

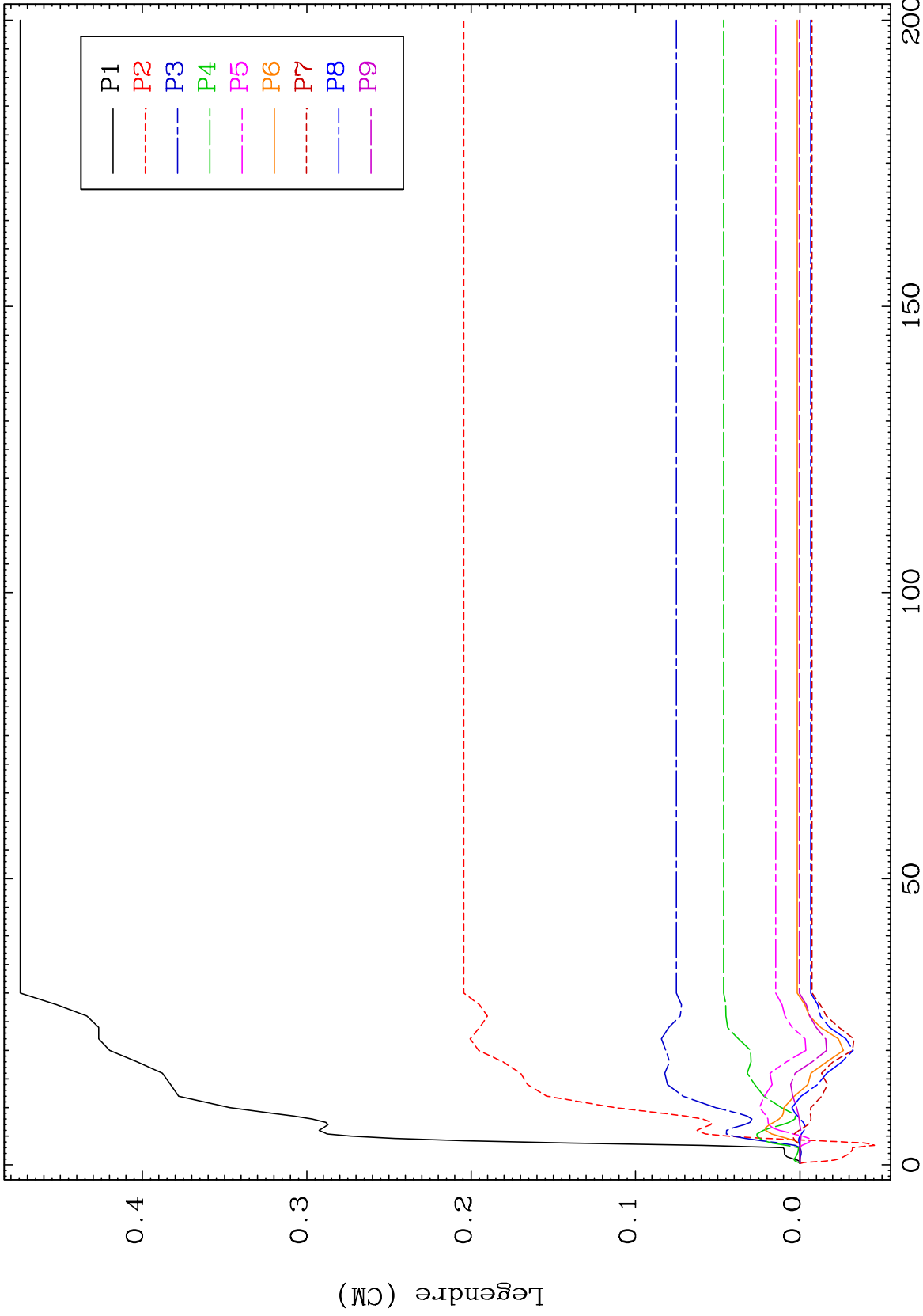
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



60-Nd-153

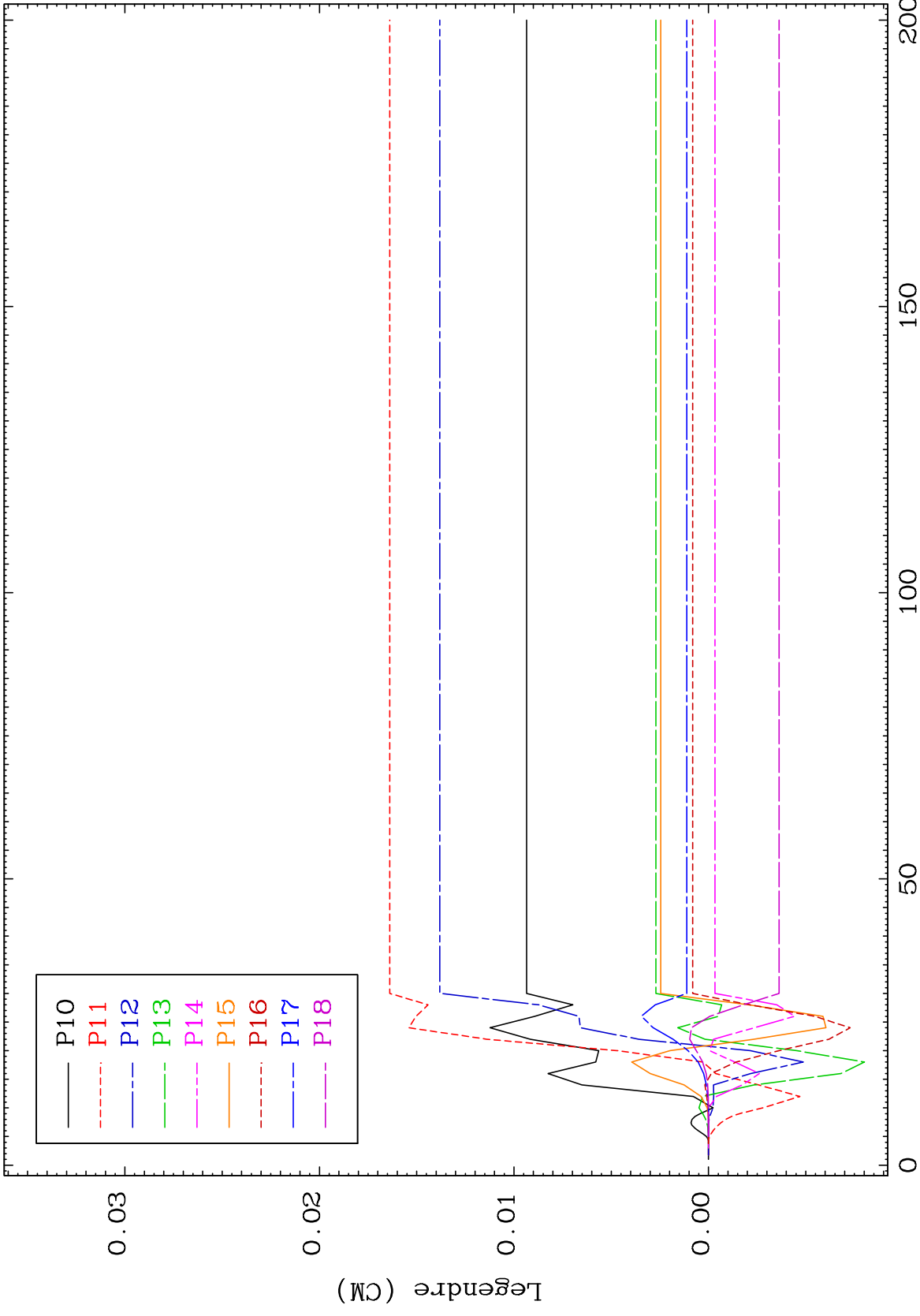
Incident Energy (MeV)

30

MAT 6058

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

60-Nd-153



31

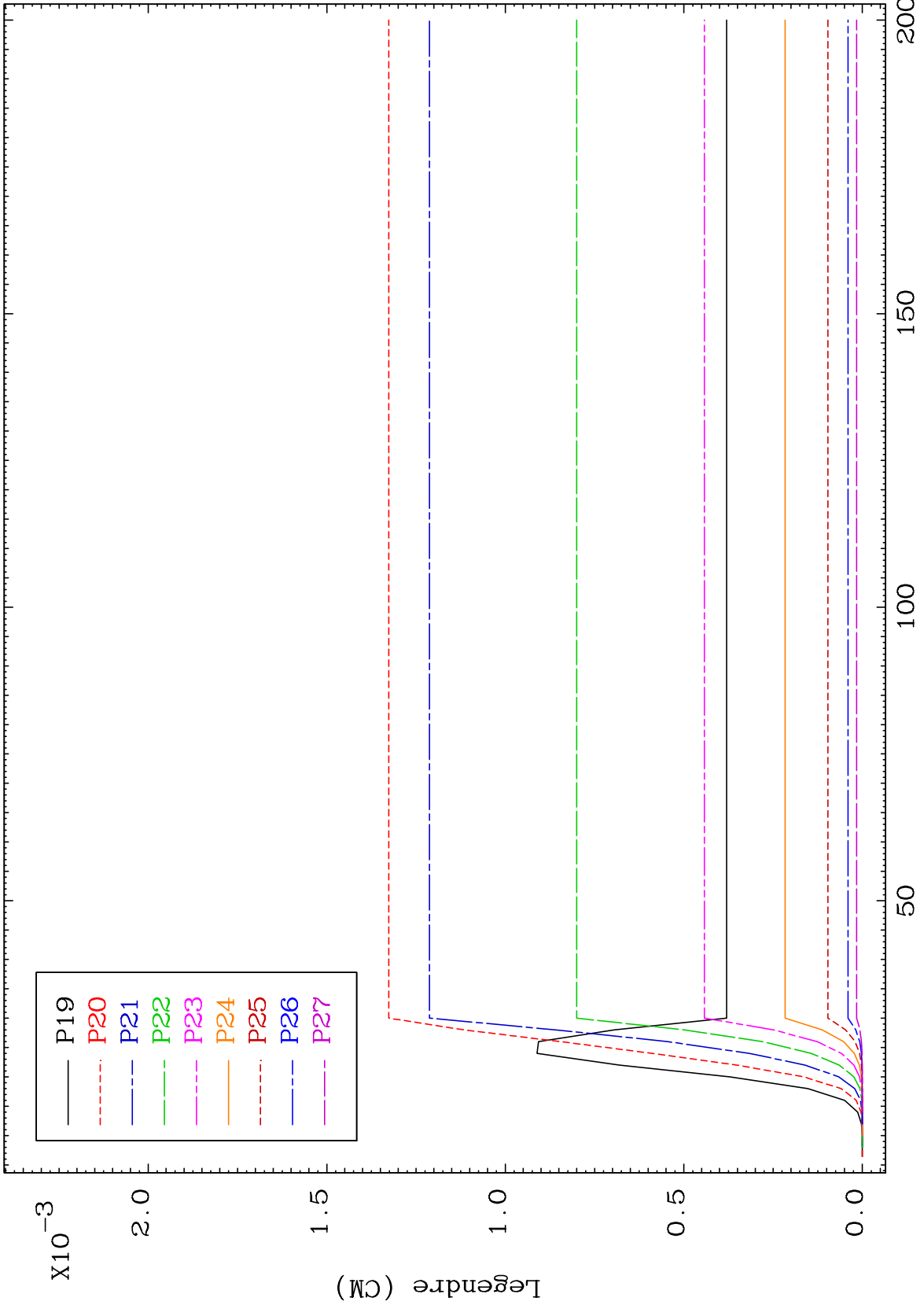
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



32

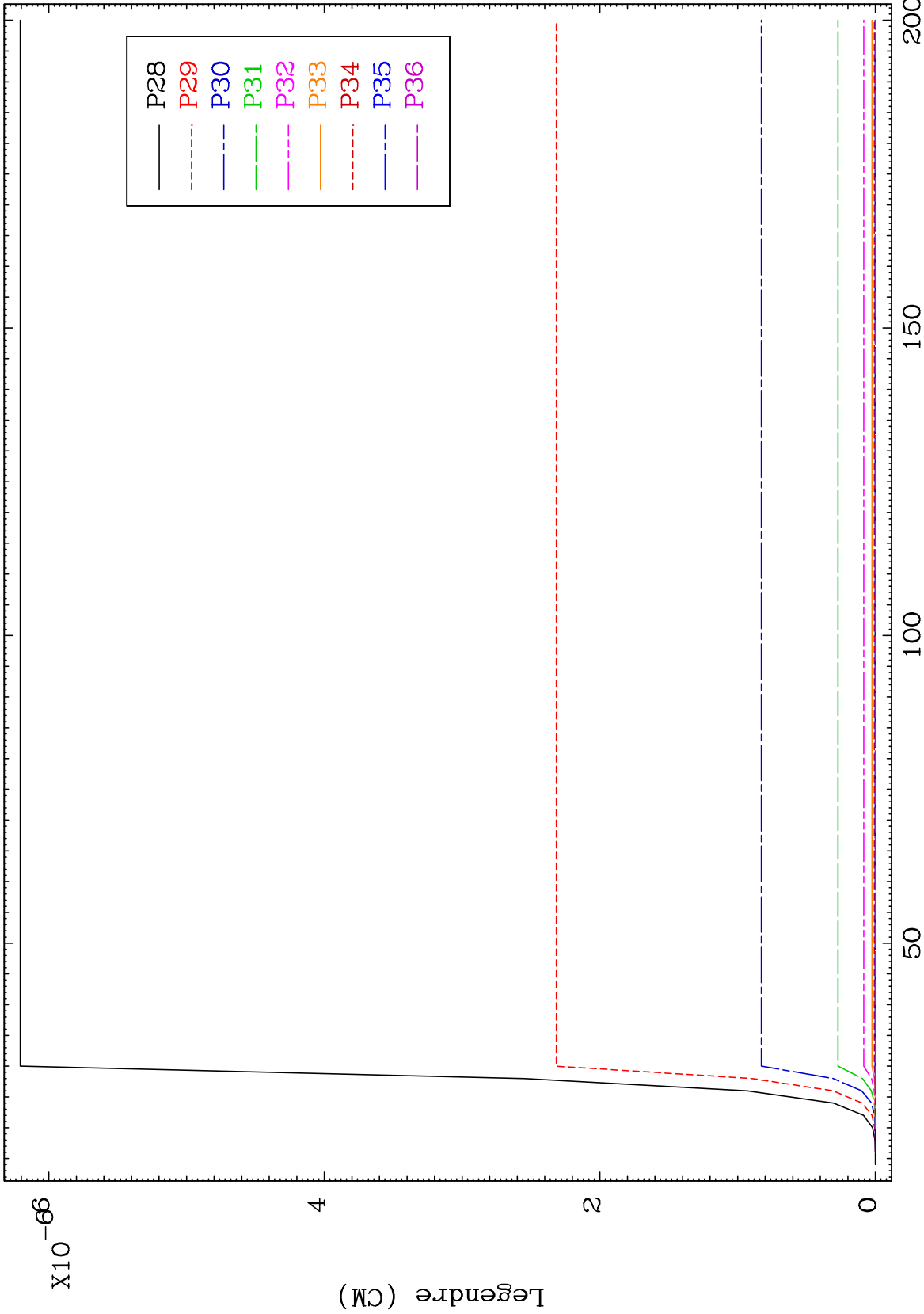
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153

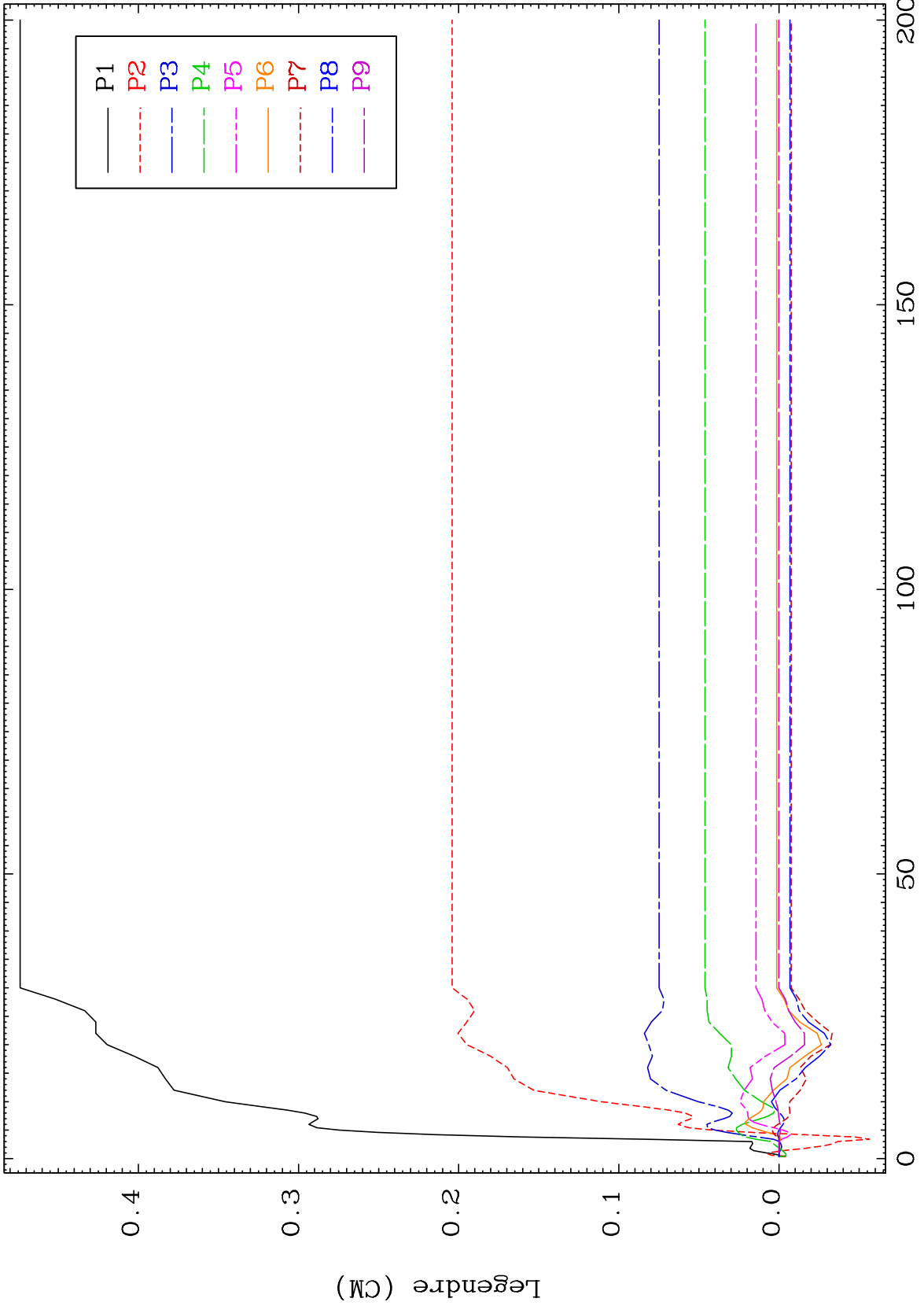


33

Incident Energy (MeV)

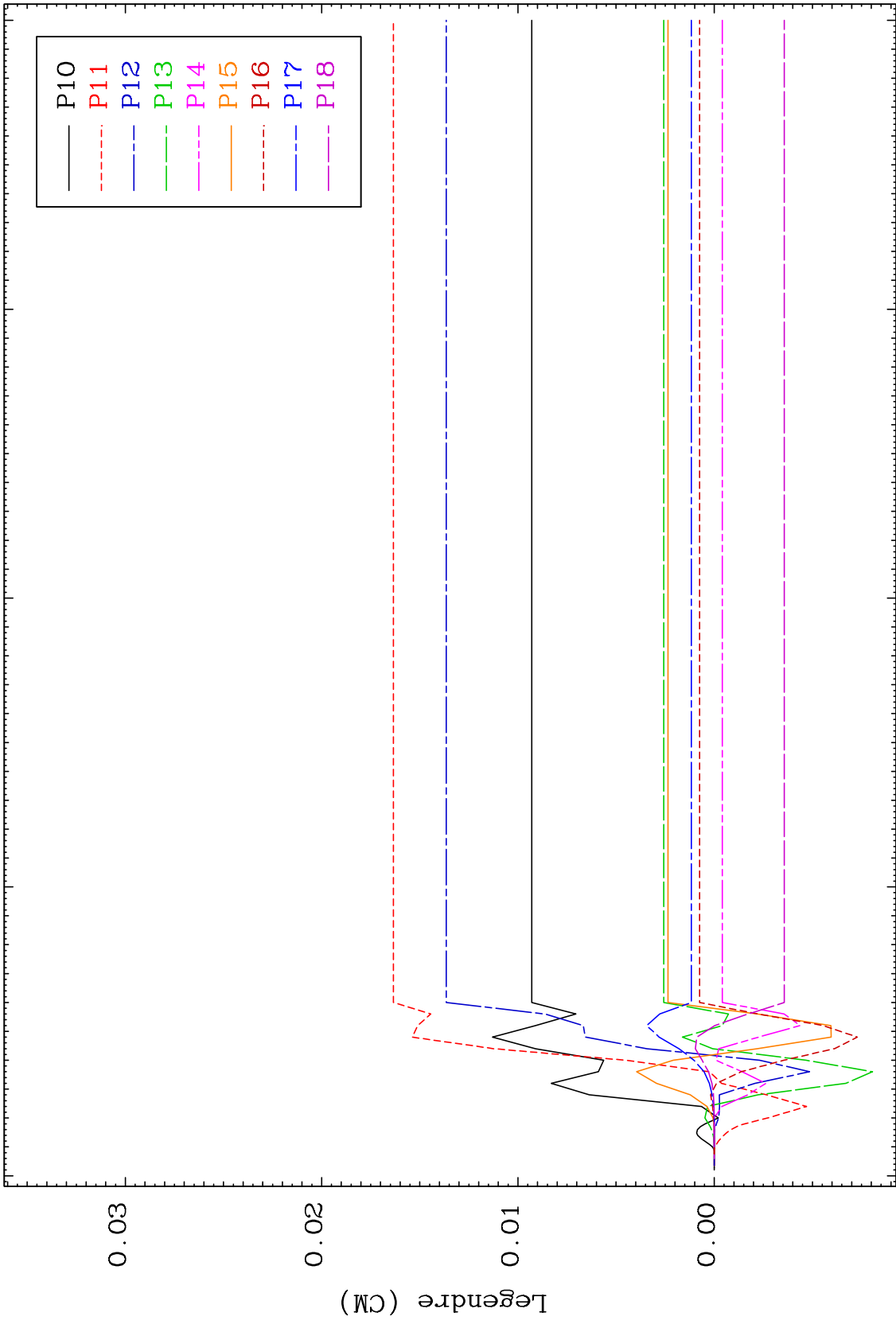
60-Nd-153

MAT 6058 MT= 55 (n,n') Level Legendre Coefficients 60-Nd-153



34 60-Nd-153

MAT 6058 MT= 55 (n,n') Level Legendre Coefficients 60-Nd-153

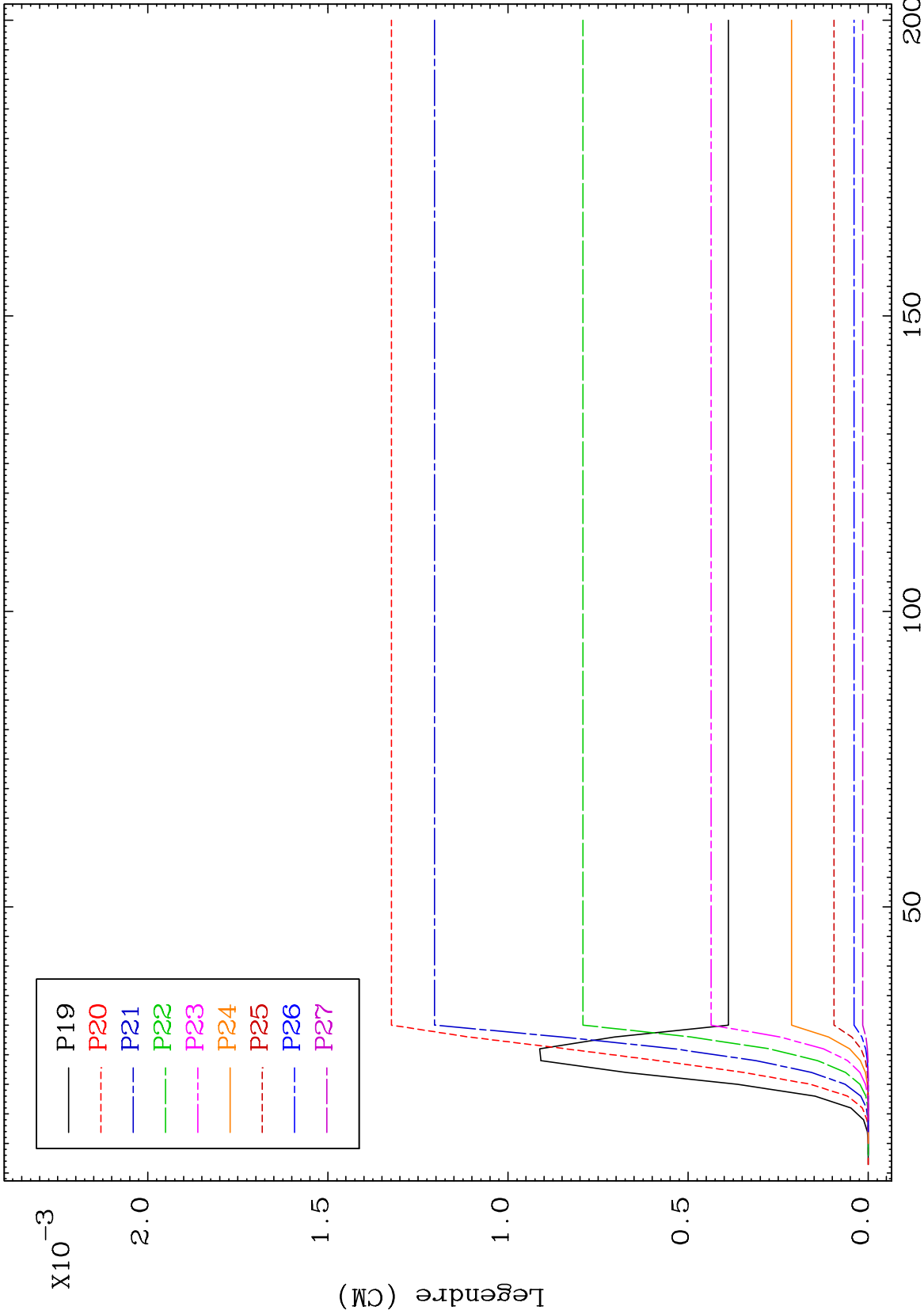


35 Incident Energy (MeV) 60-Nd-153

MAT 6058

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

60-Nd-153



36

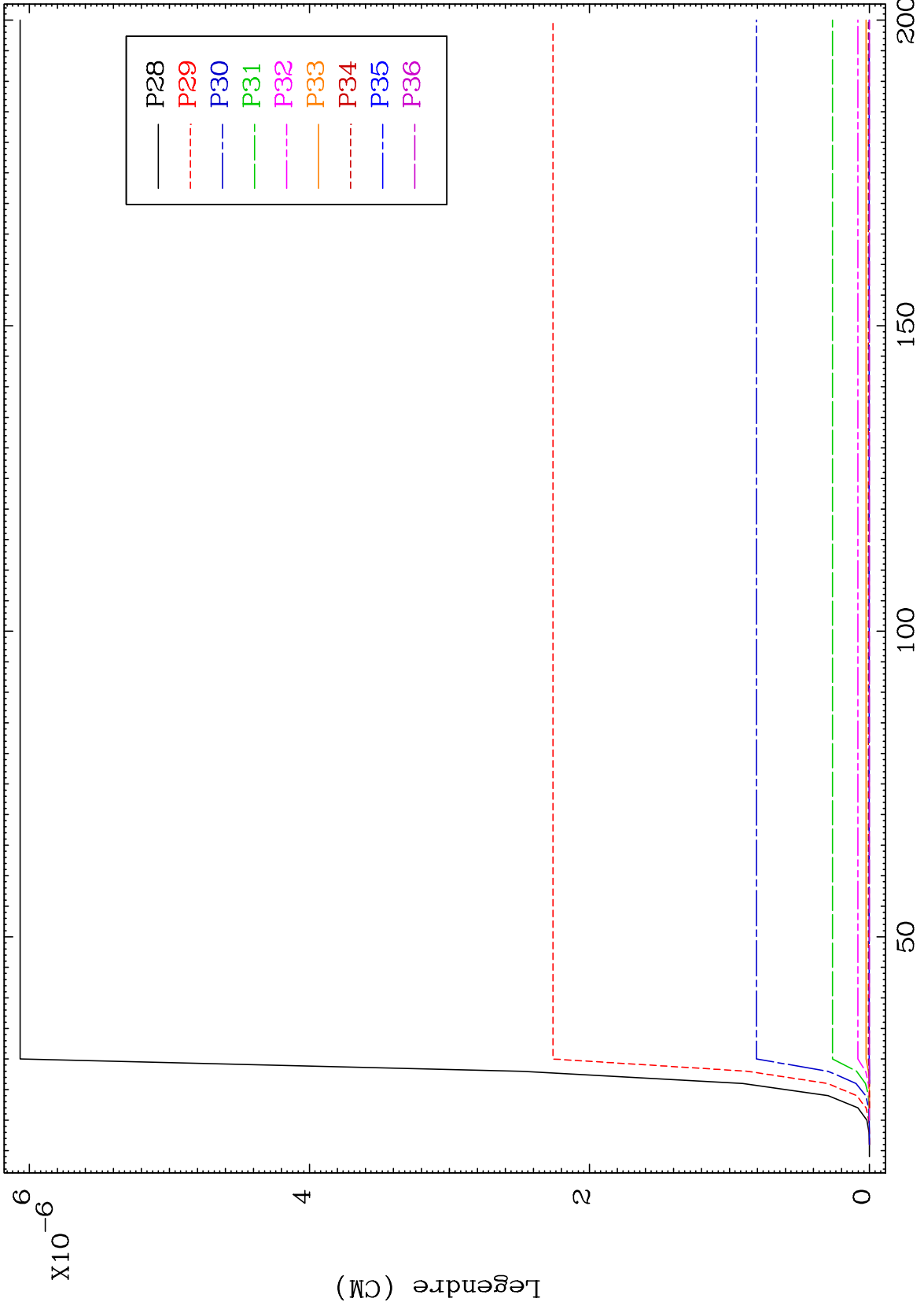
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

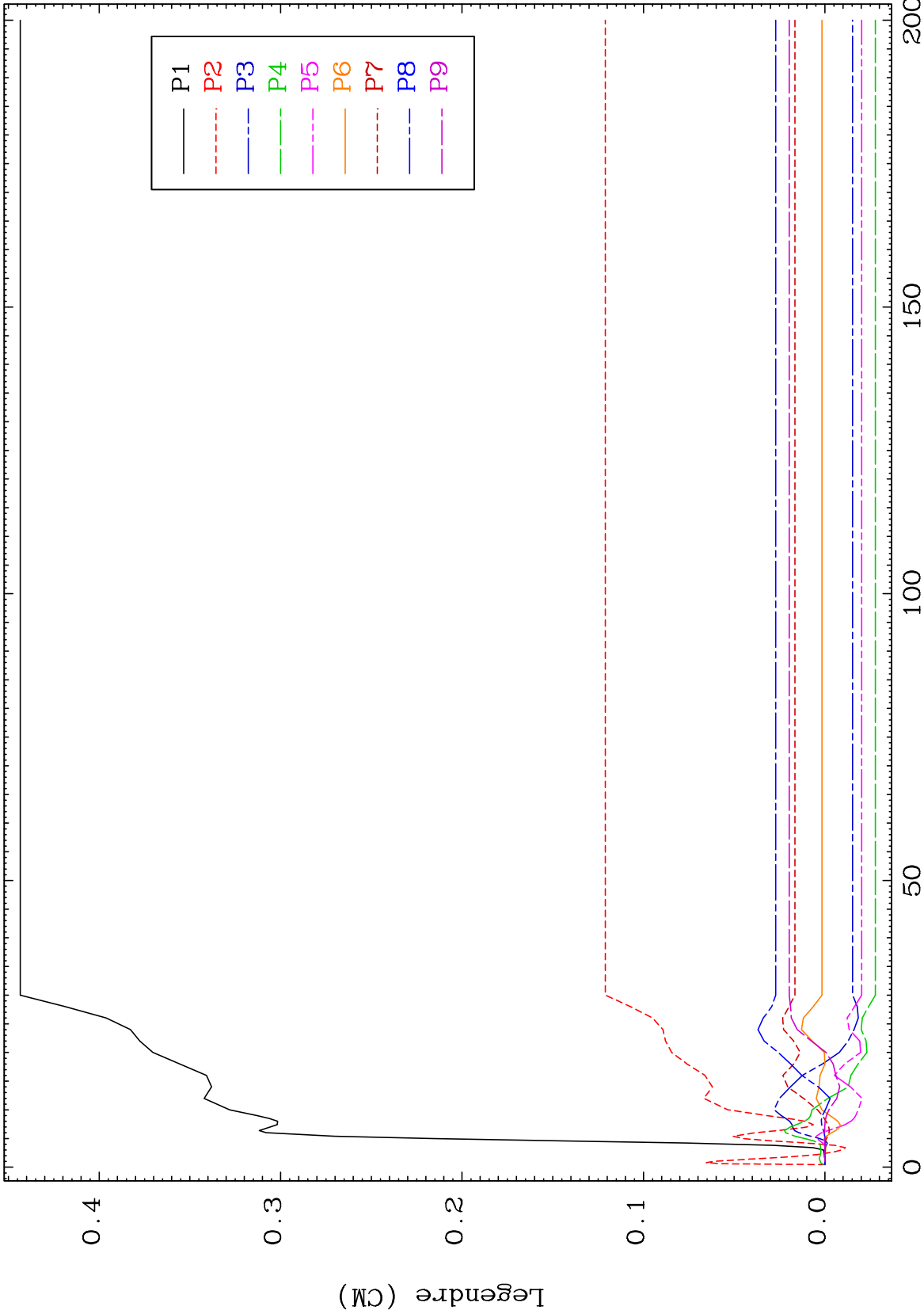
60-Nd-153



MAT 6058

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

60-Nd-153



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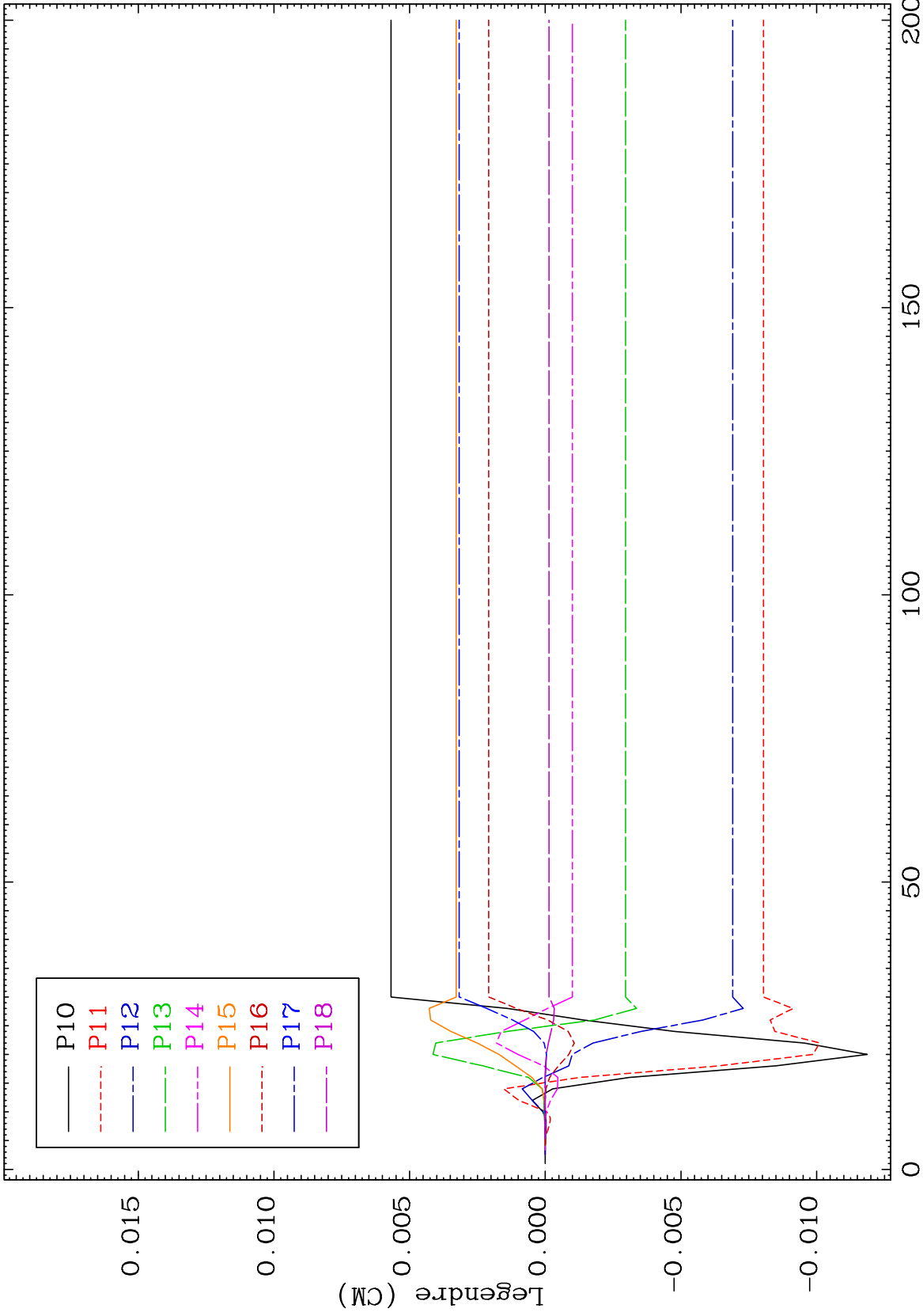
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153

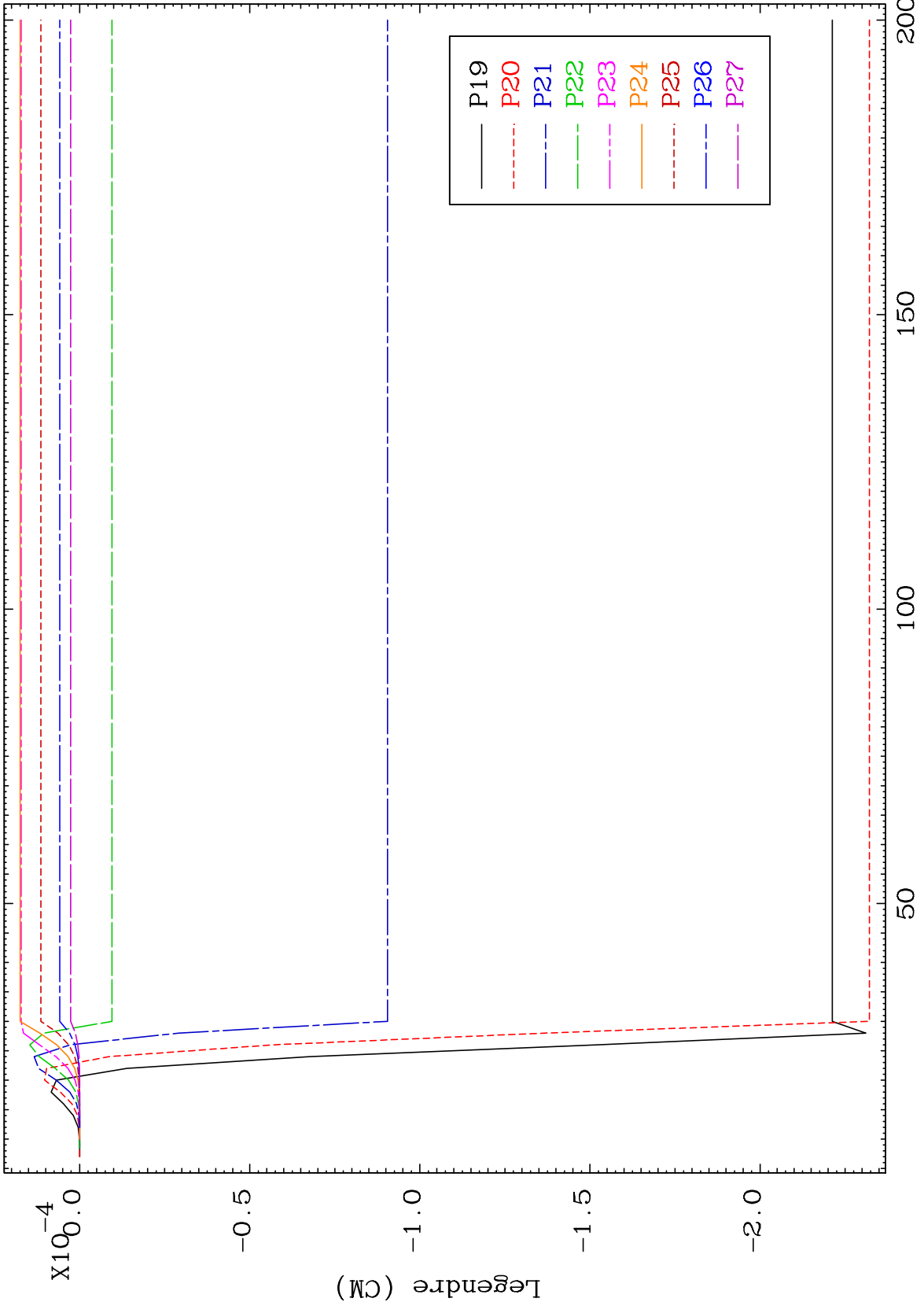


39

Incident Energy (MeV)

60-Nd-153

MAT 6058 MT= 56 (n,n') Level Legendre Coefficients 60-Nd-153

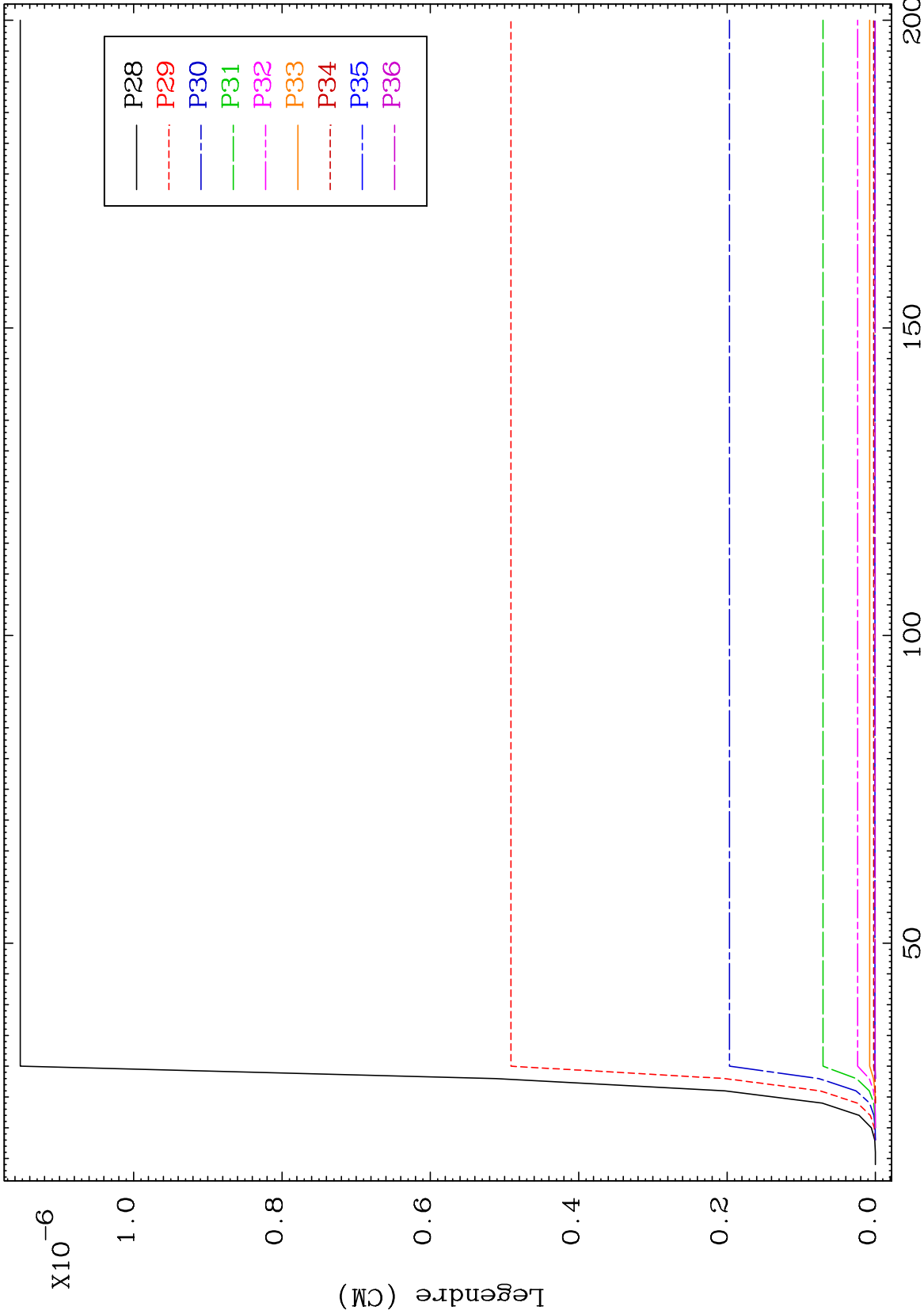


40 50 100 150 200 Incident Energy (MeV) 60-Nd-153

MAT 6058

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

60-Nd-153



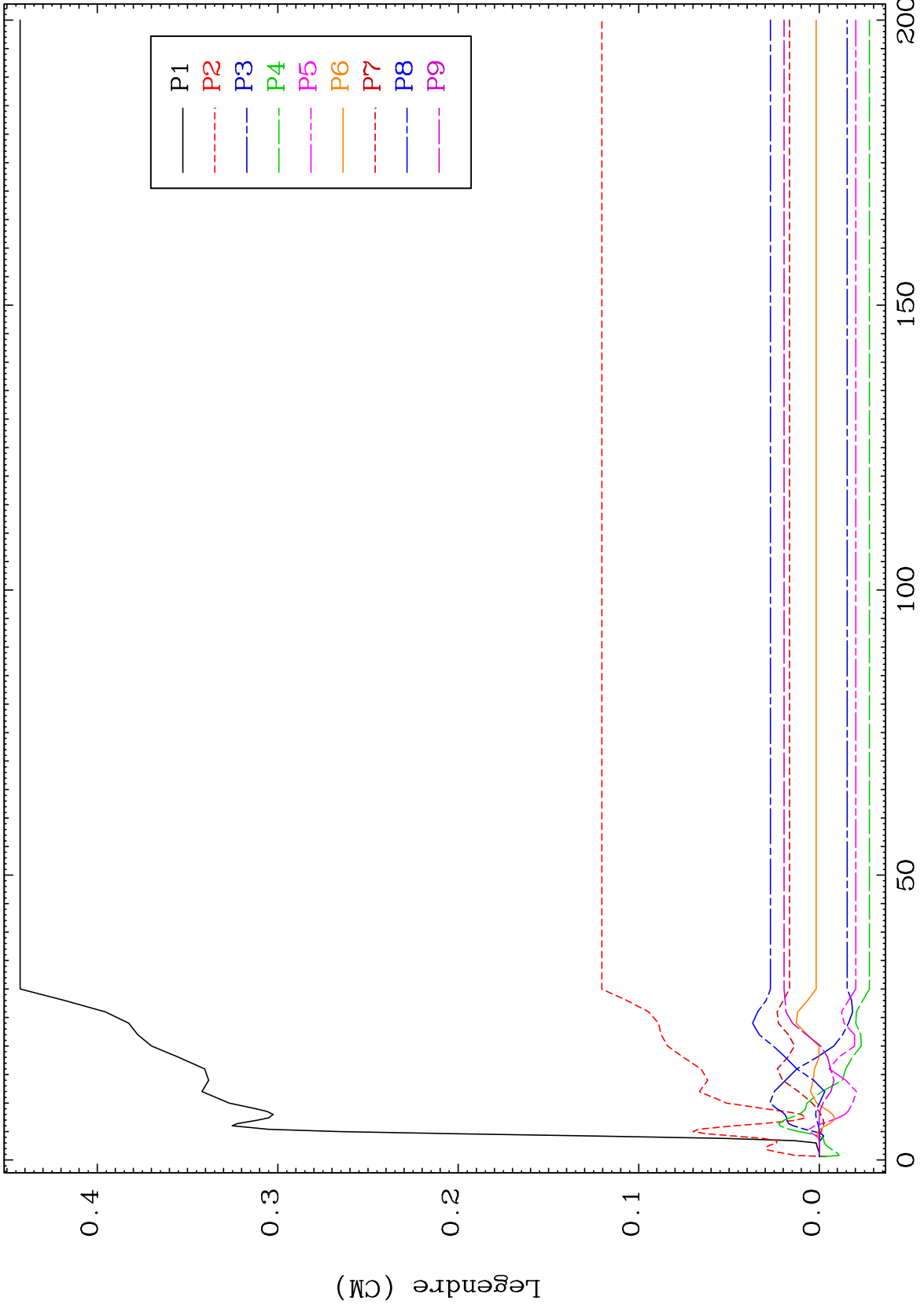
41

60-Nd-153

MAT 6058

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

60-Nd-153



42

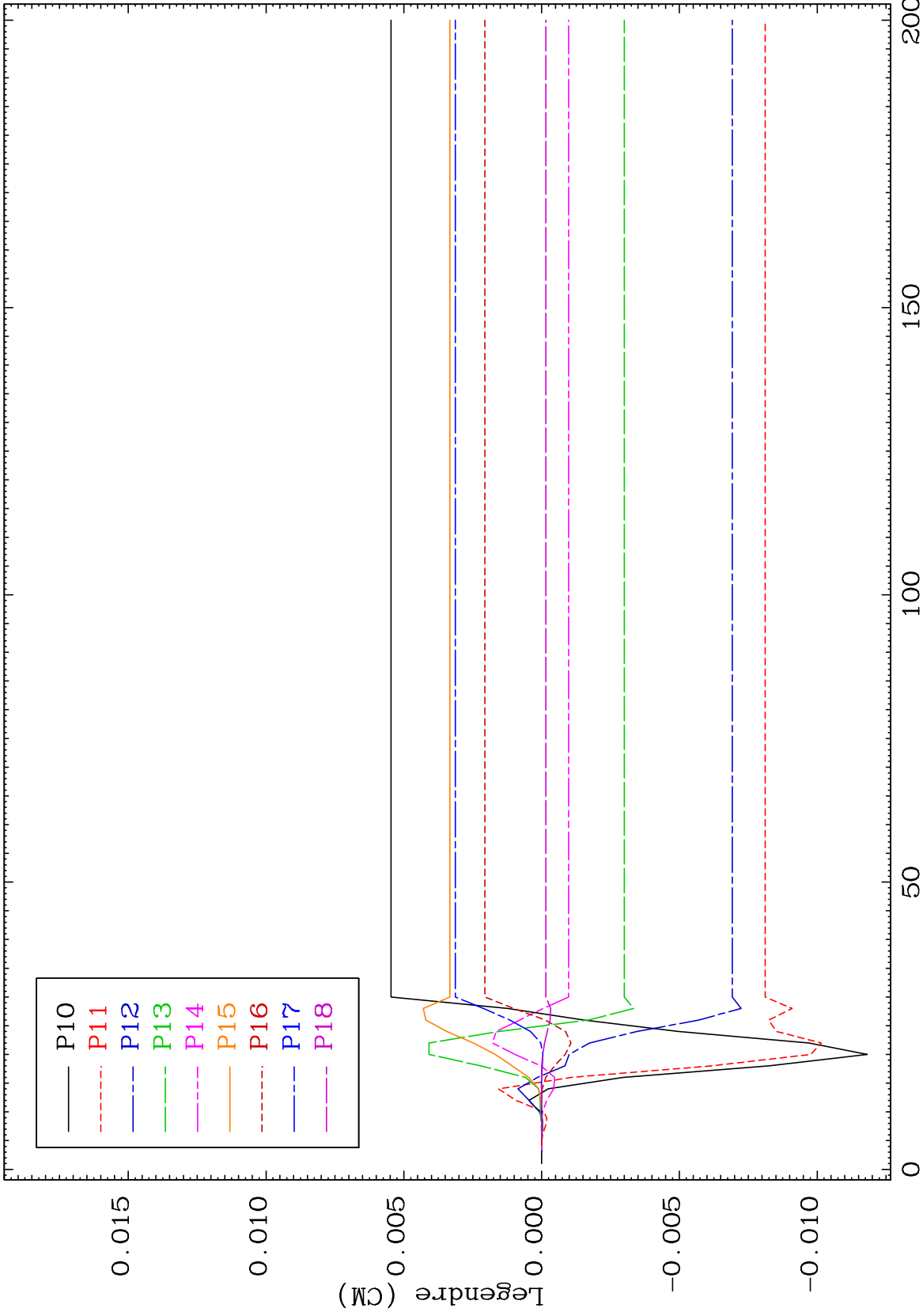
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



43

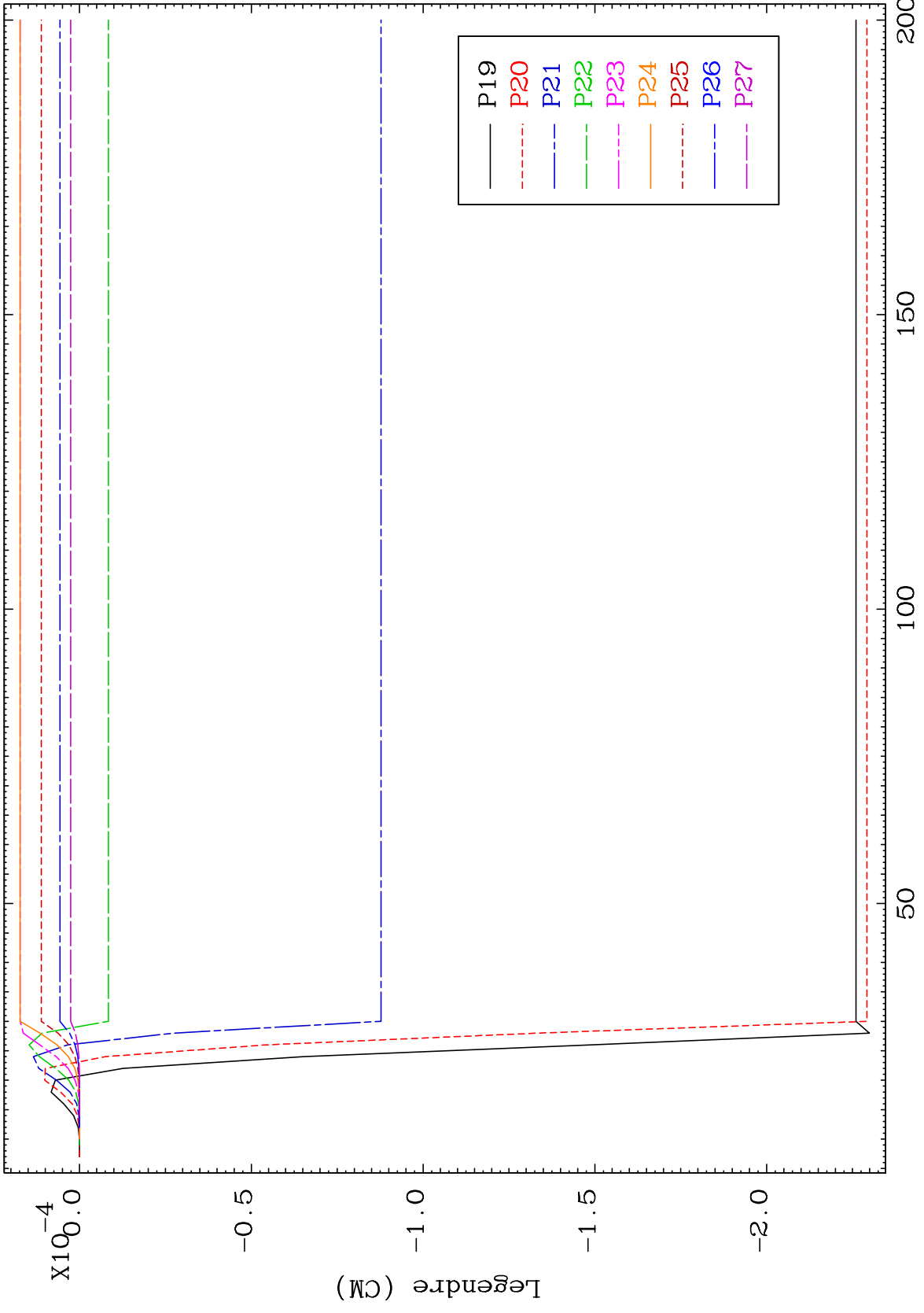
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



60-Nd-153

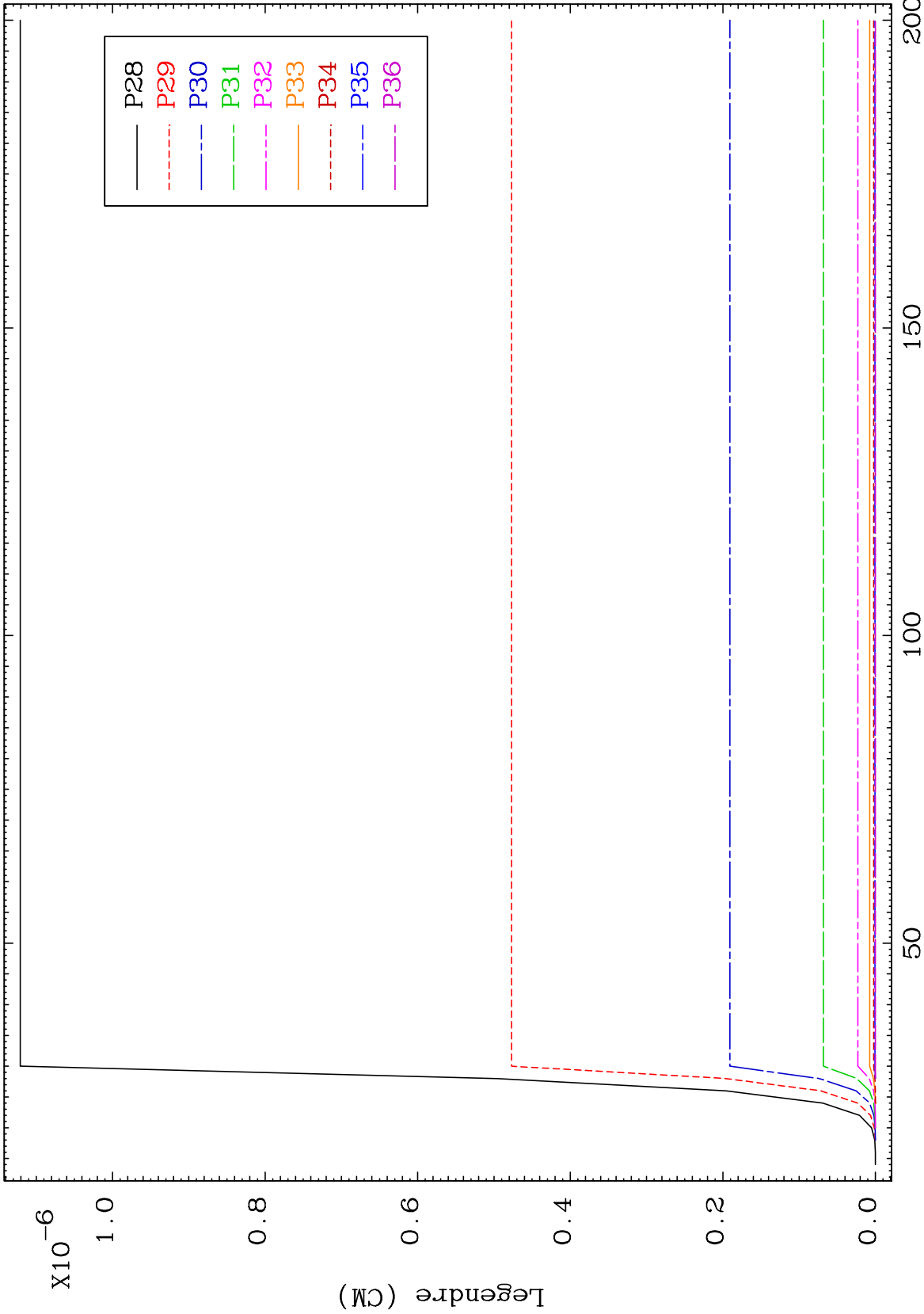
Incident Energy (MeV)

44

MAT 6058

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

60-Nd-153



45

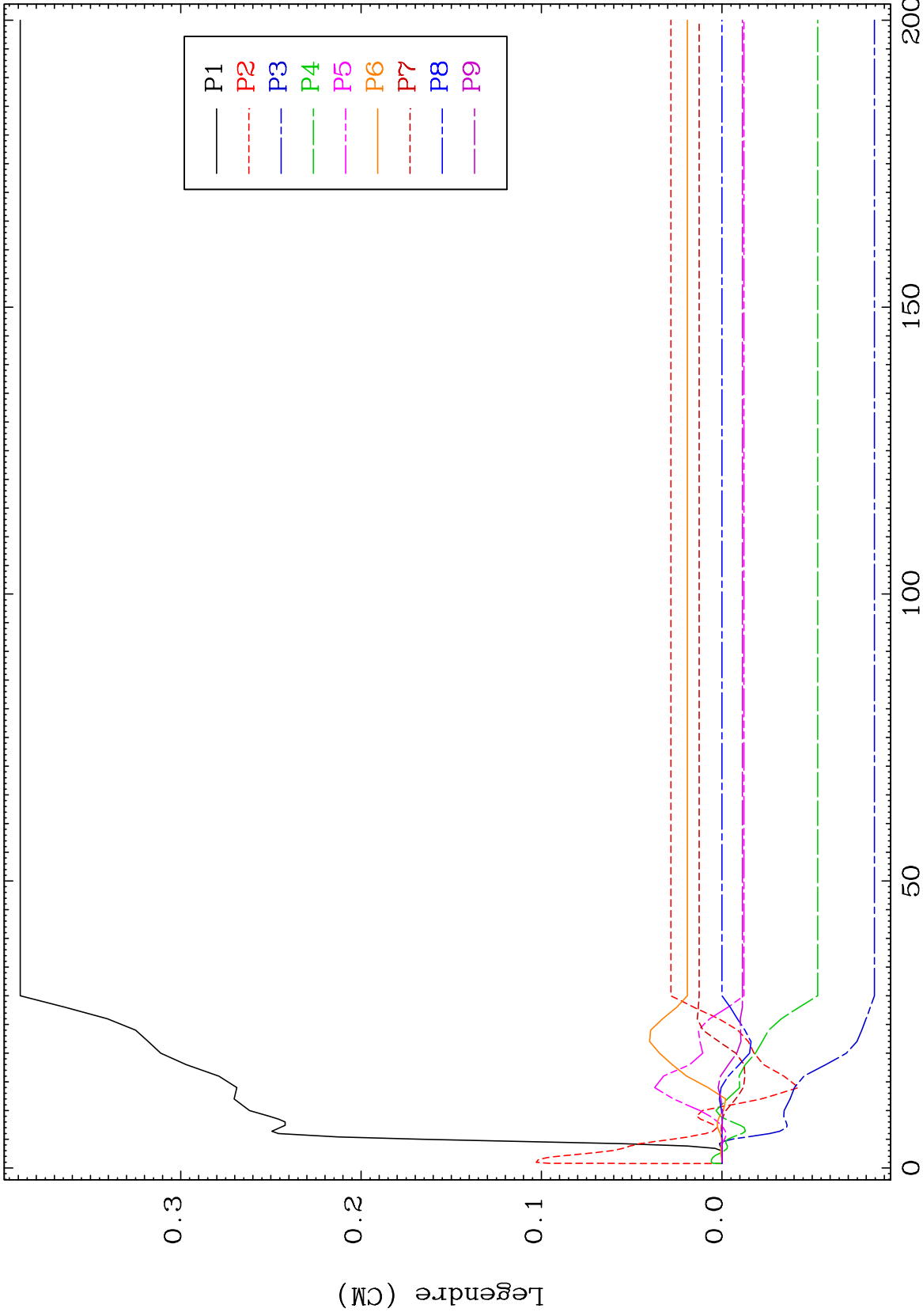
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



46

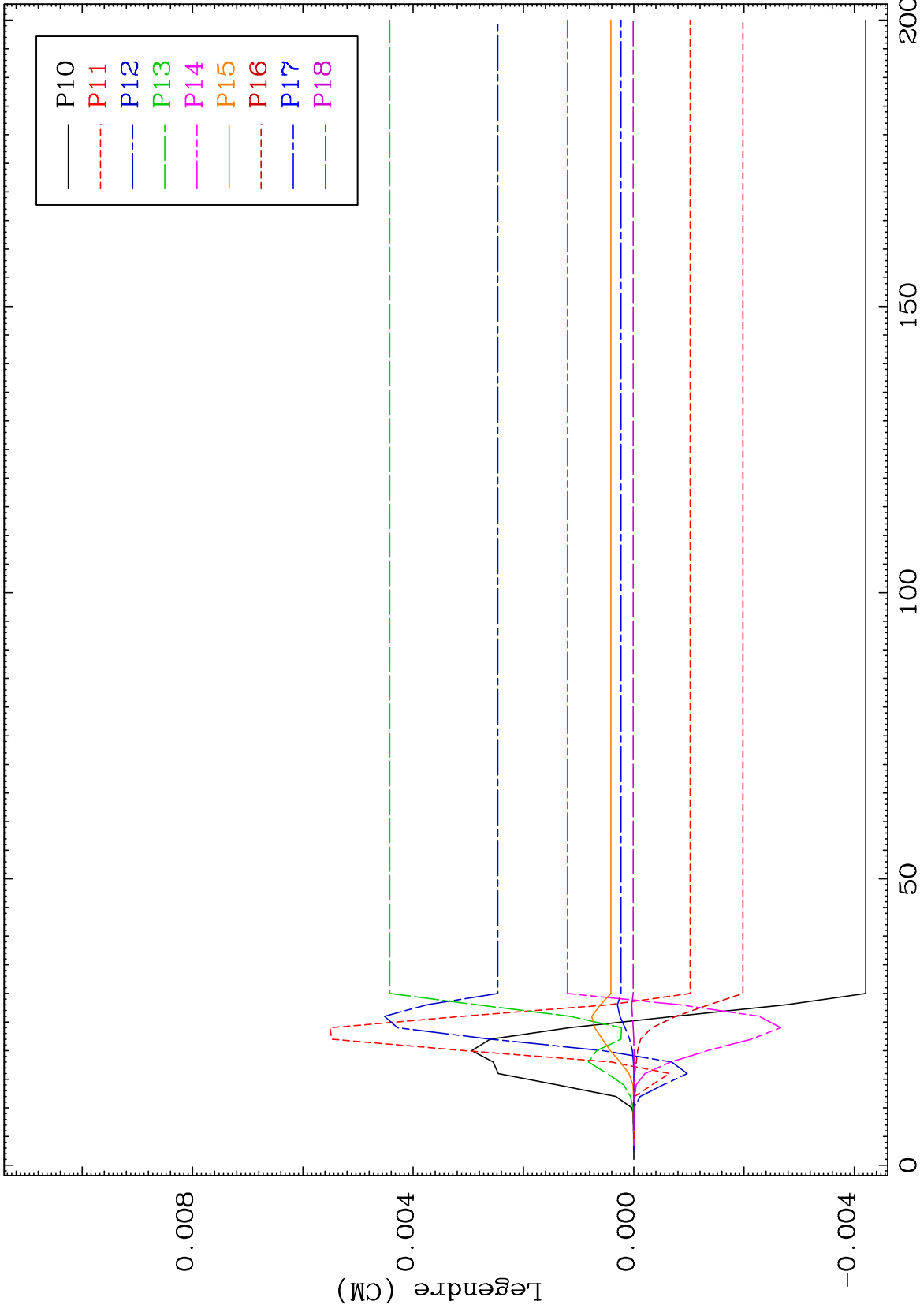
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



47

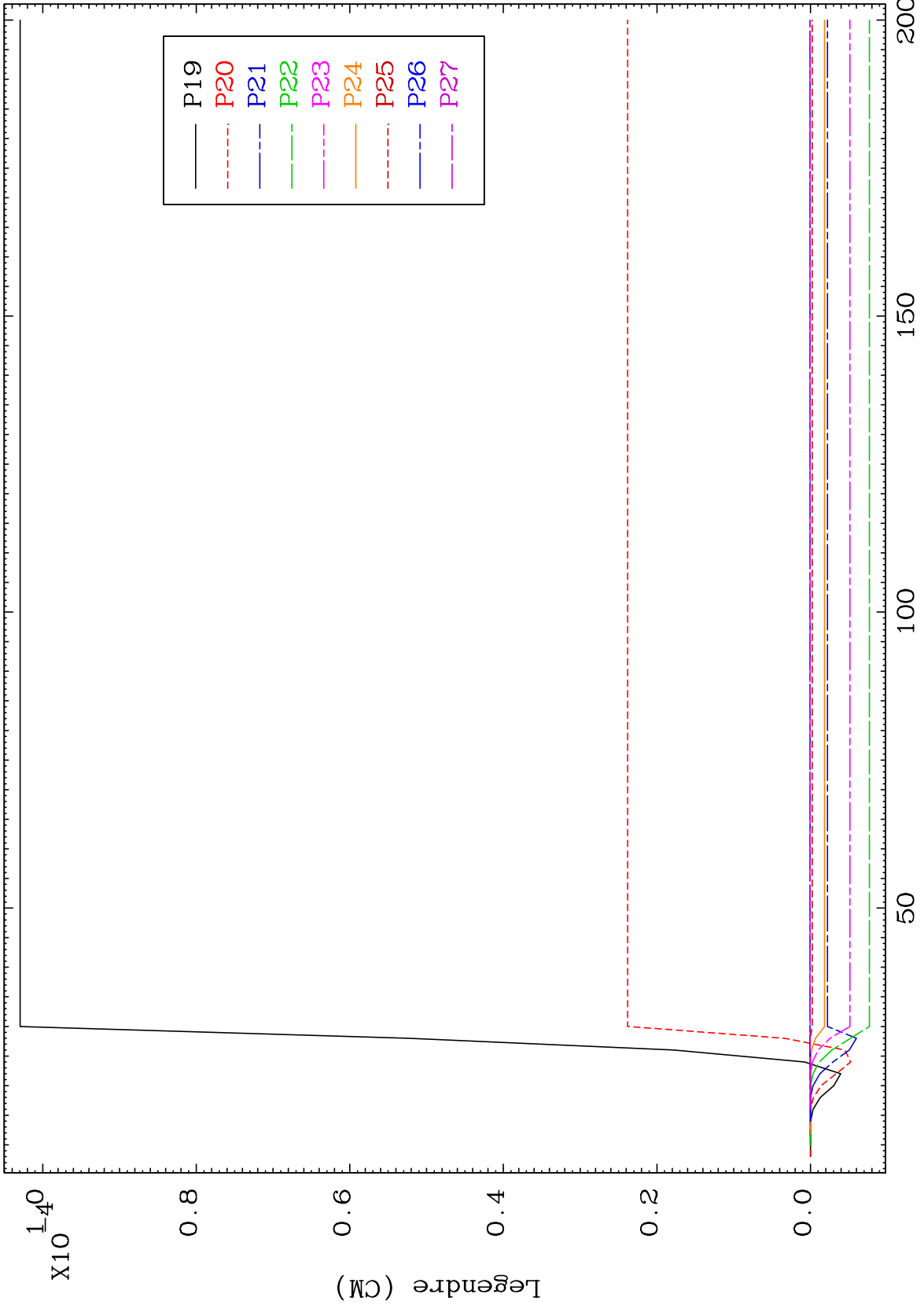
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



48

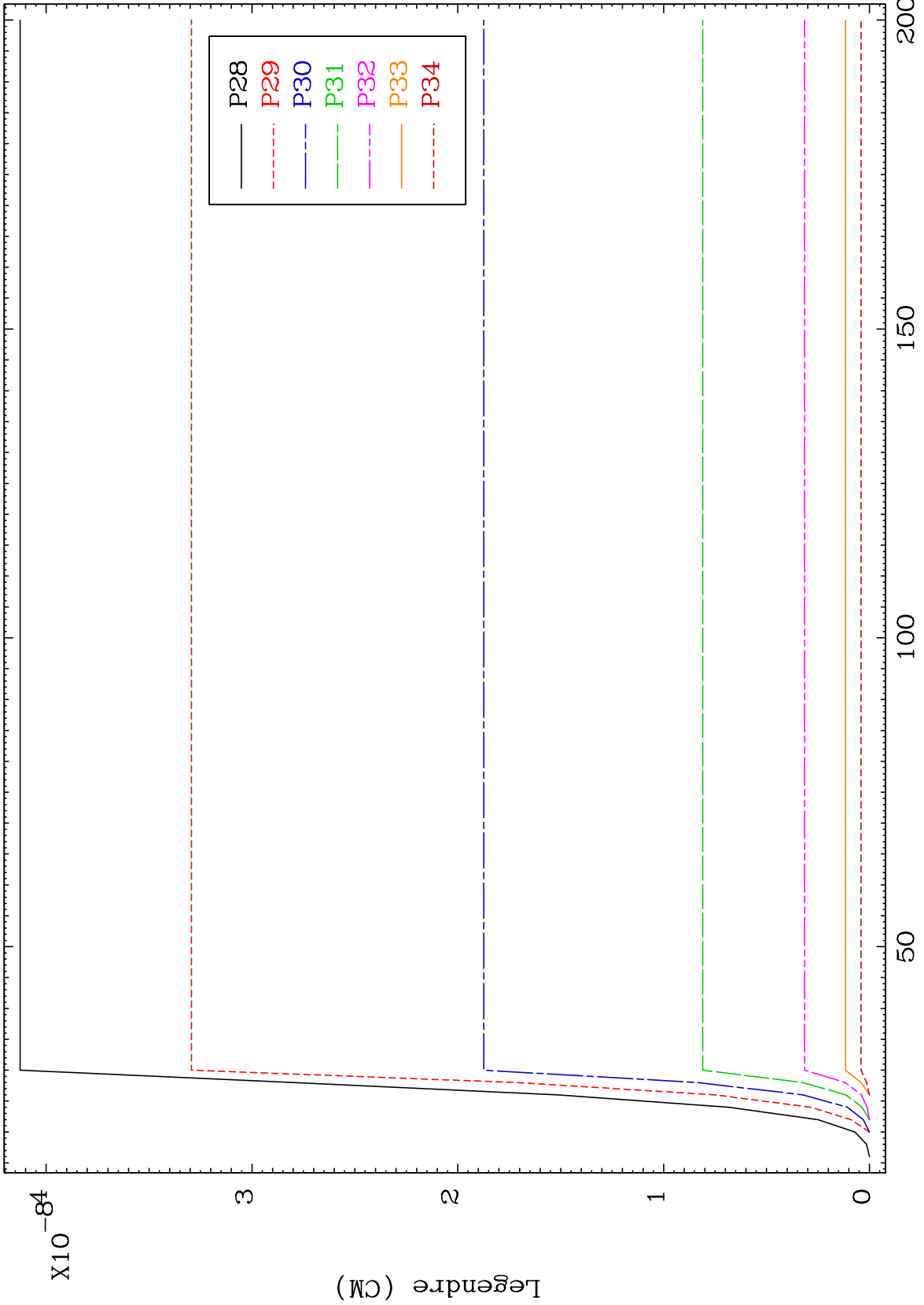
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



49

Incident Energy (MeV)

60-Nd-153