

Program EVALPLOT
(Version 2021-1)

by

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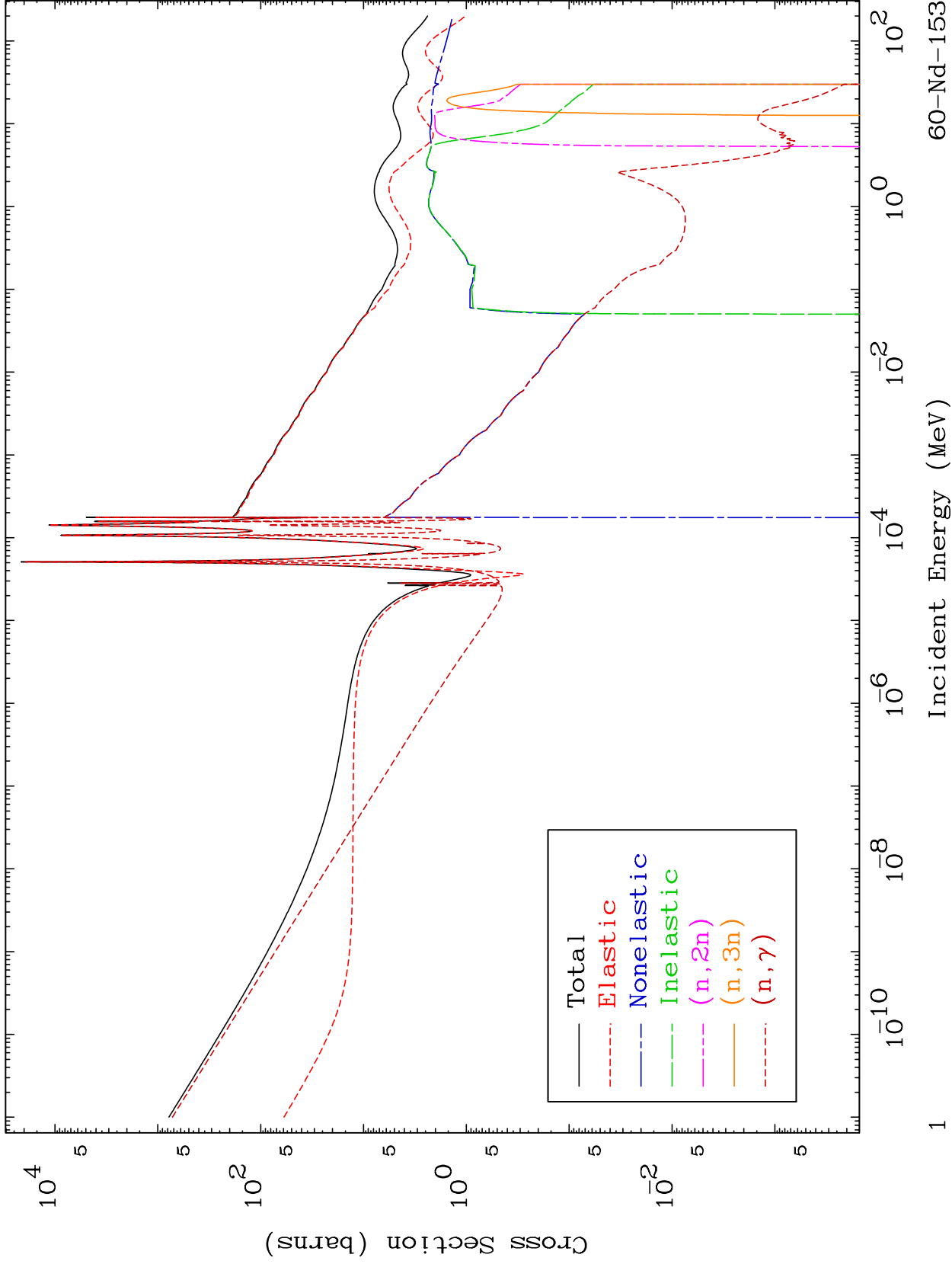
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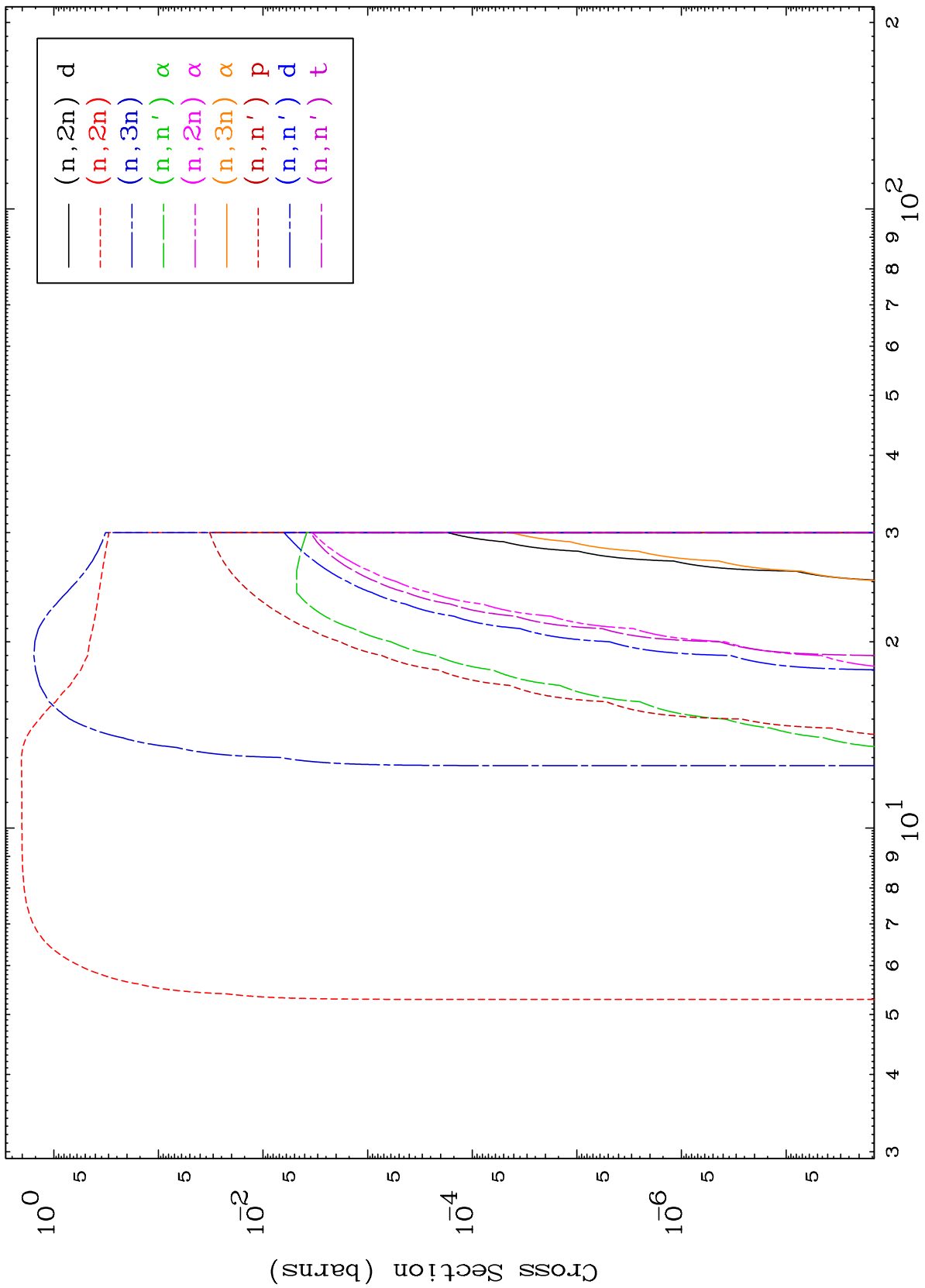
Press Mouse Button to Start

MAT 6058

Neutron Major
293 Kelvin Cross Sections

60-Nd-153

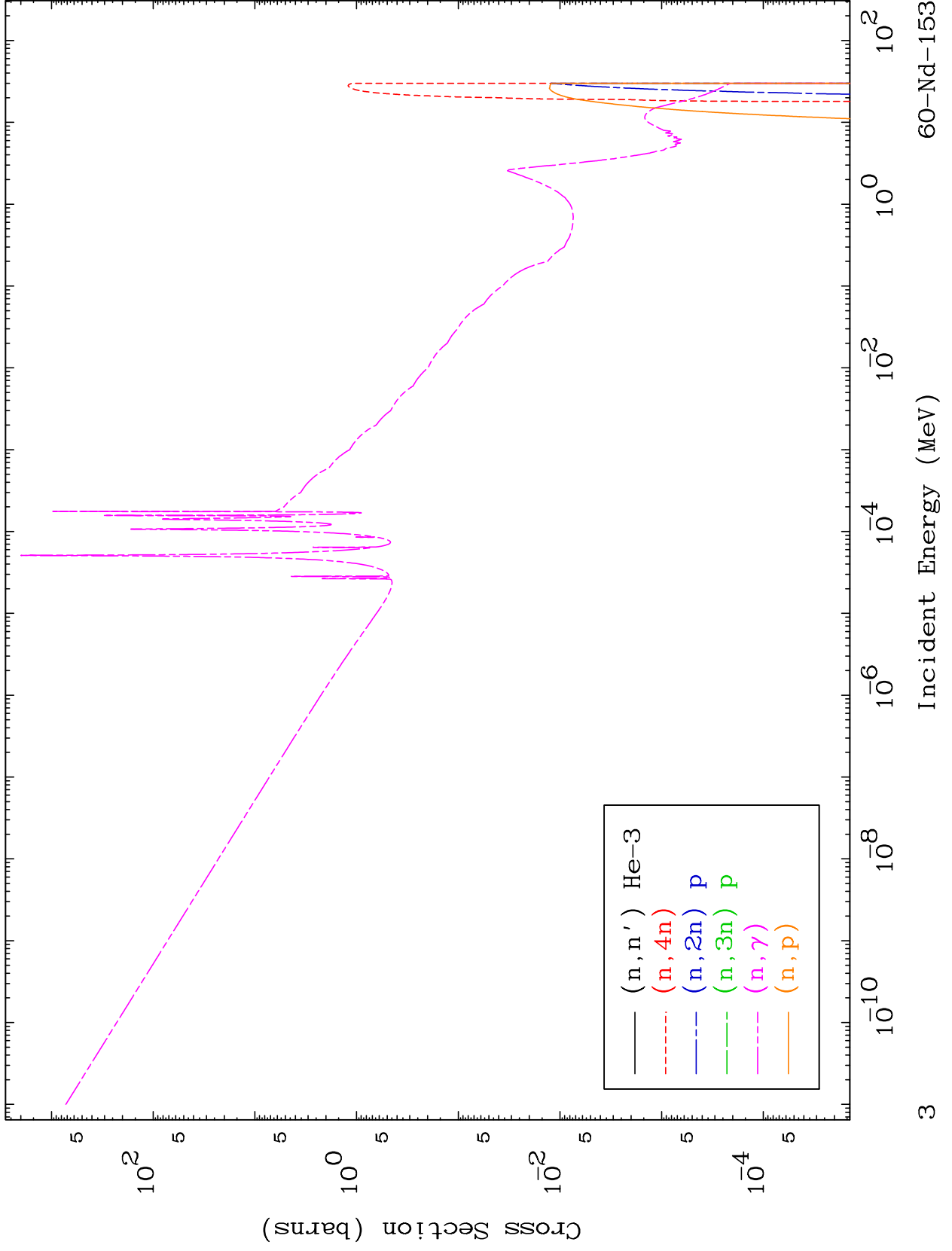




MAT 6058

Neutron Absorption
293 Kelvin Cross Sections

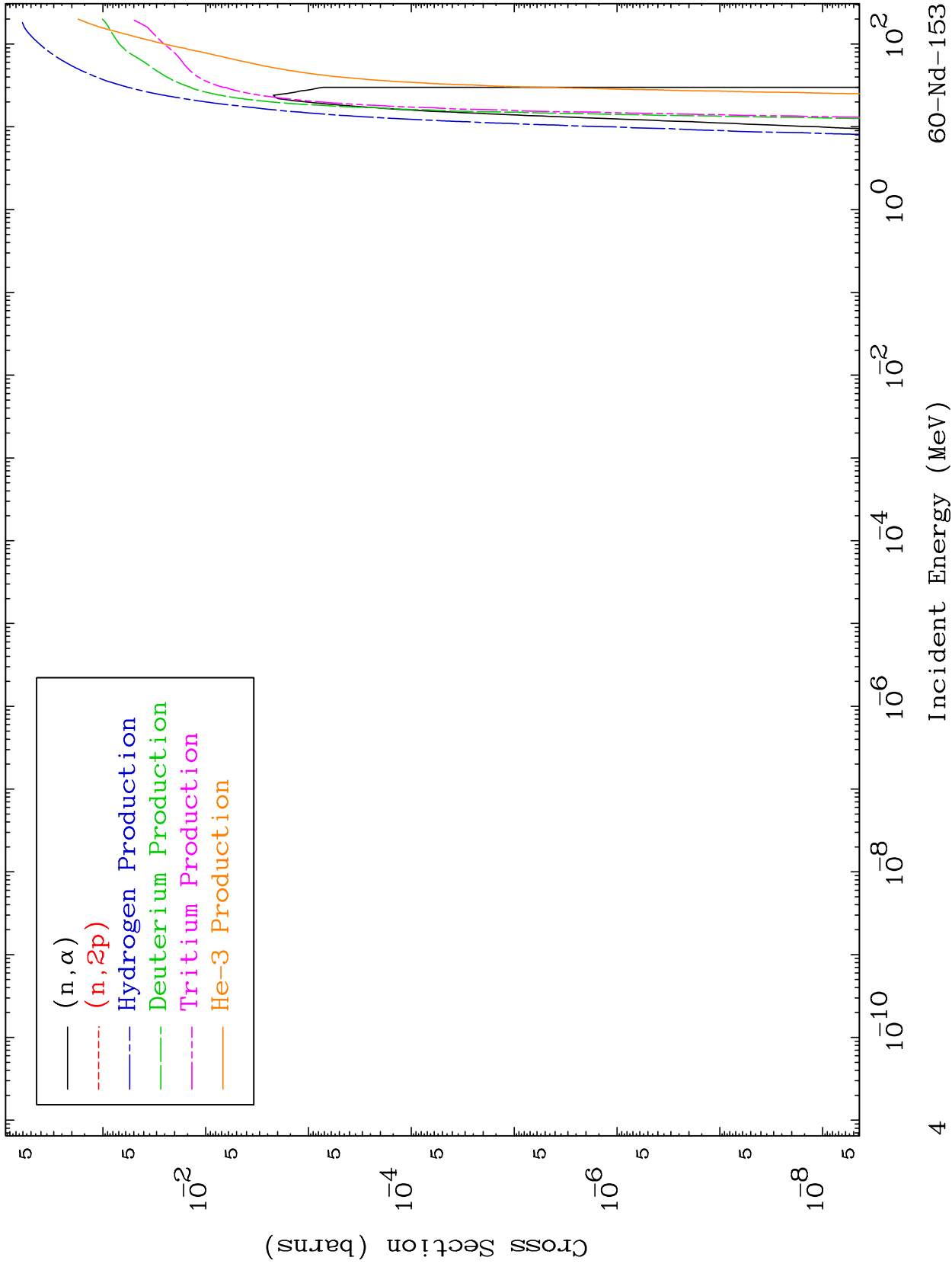
60-Nd-153

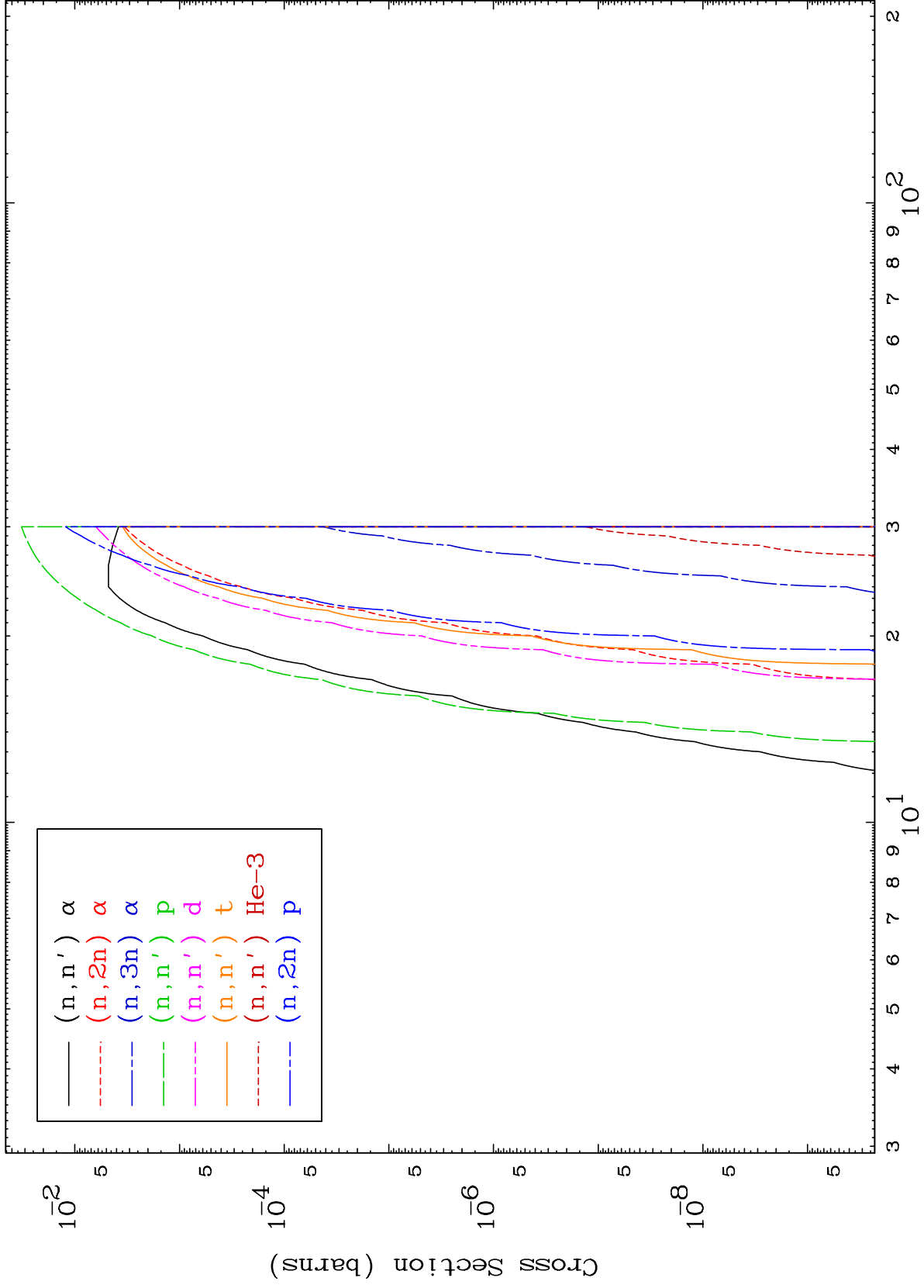


MAT 6058

Neutron Absorption
293 Kelvin Cross Sections

60-Nd-153

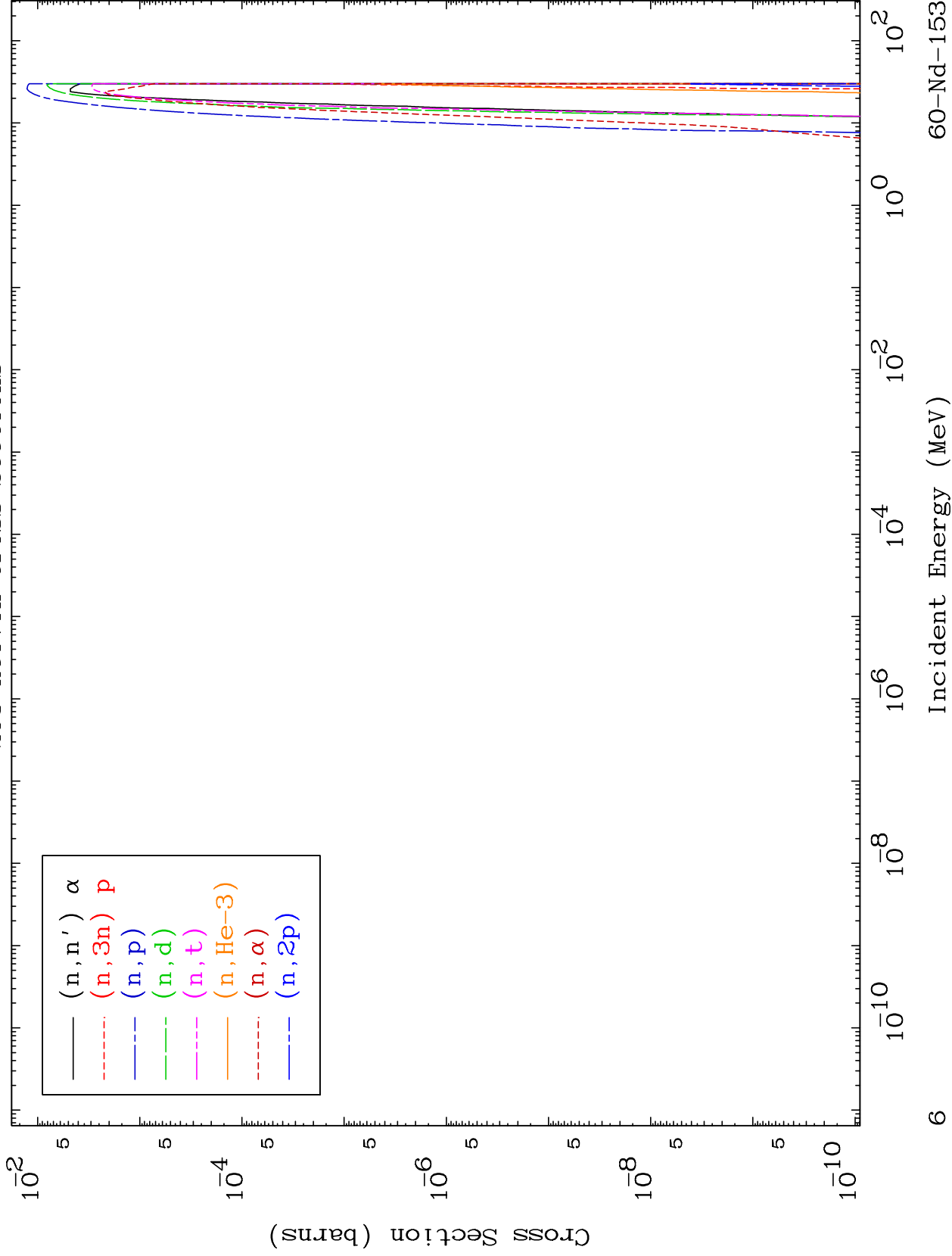




MAT 6058

Charged Particle
293 Kelvin Cross Sections

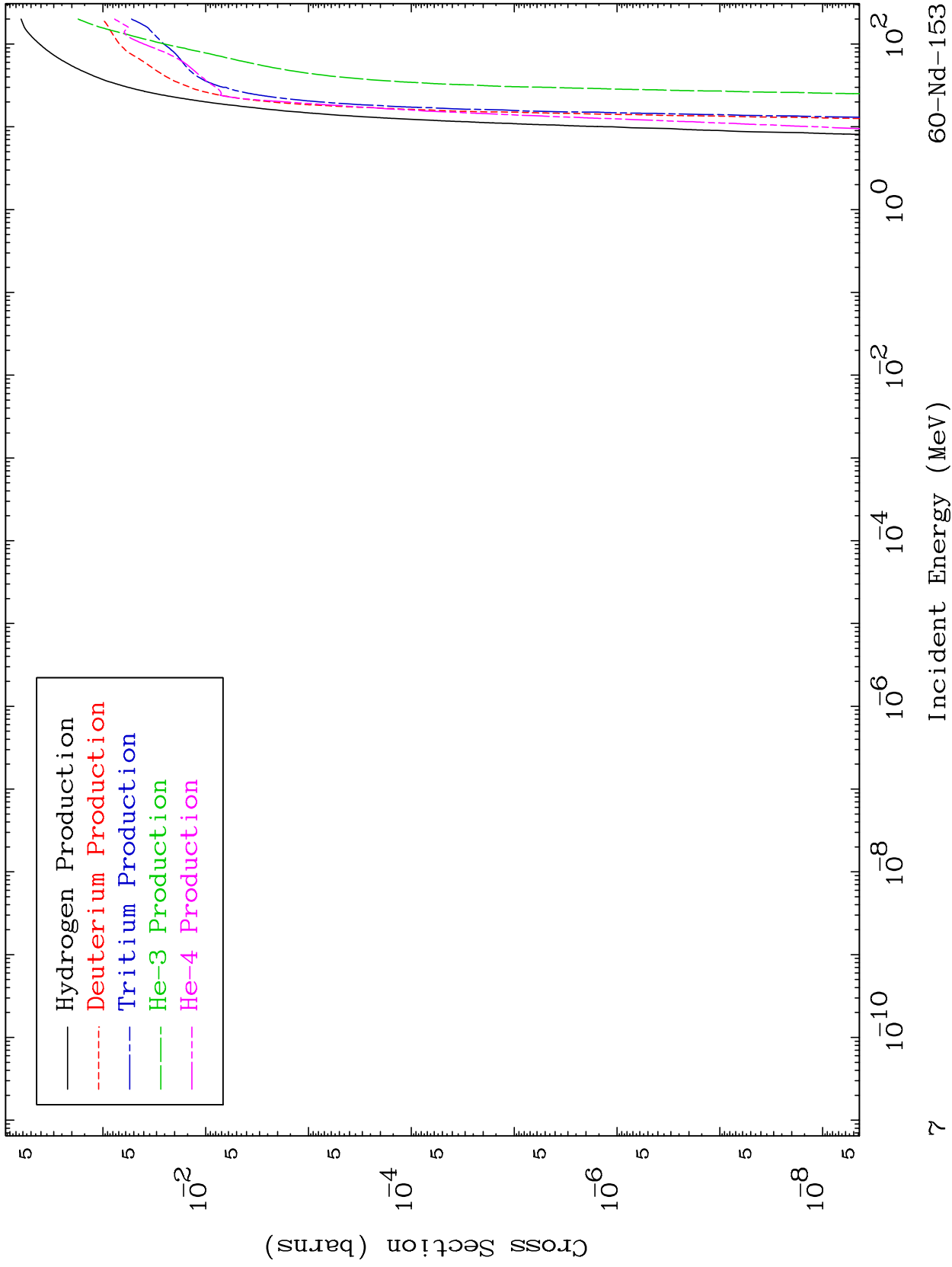
60-Nd-153



MAT 6058

Particle Production
293 Kelvin Cross Sections

60-Nd-153

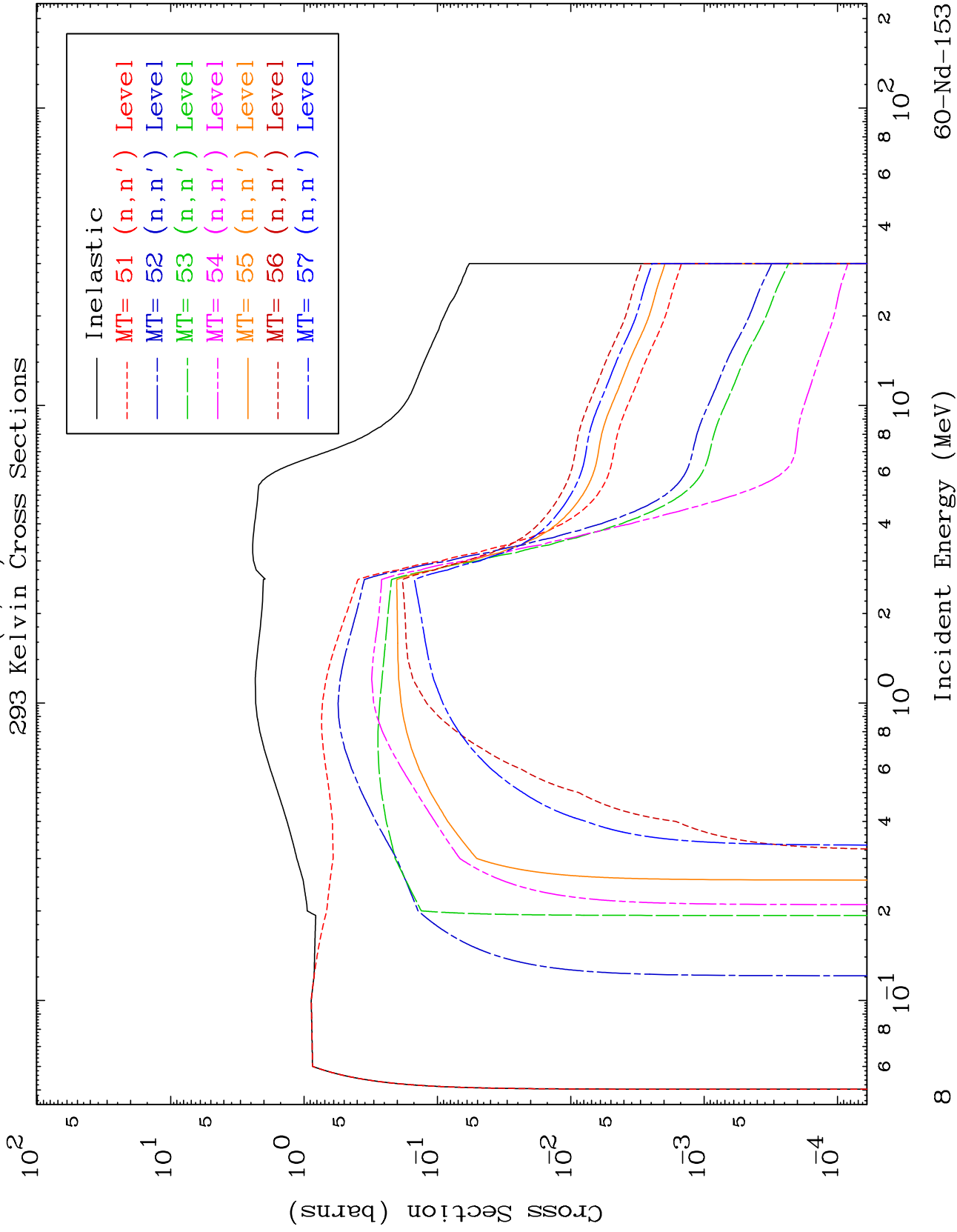


MAT 6058

(n,n') Levels

293 Kelvin Cross Sections

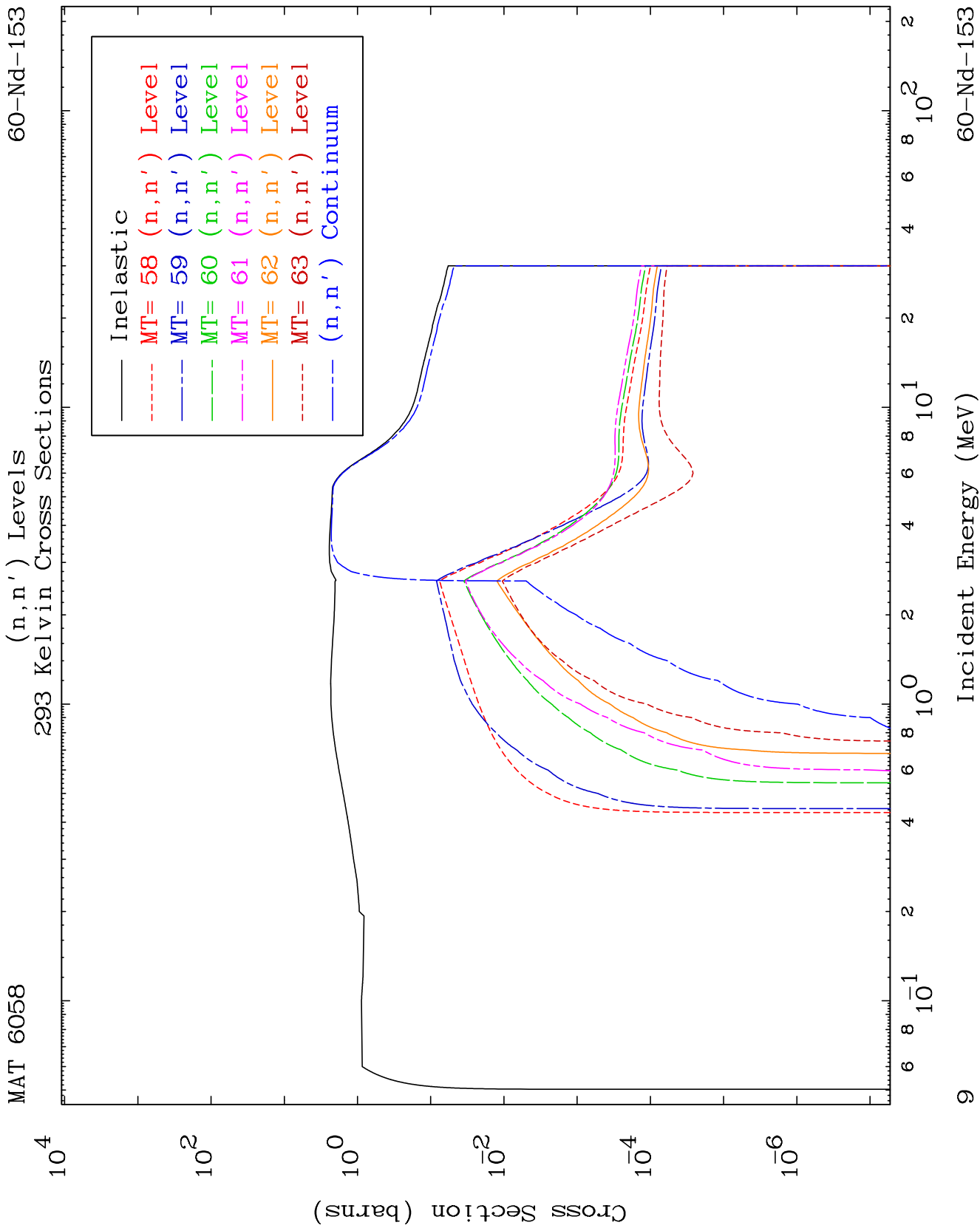
60-Nd-153



8

Incident Energy (MeV)

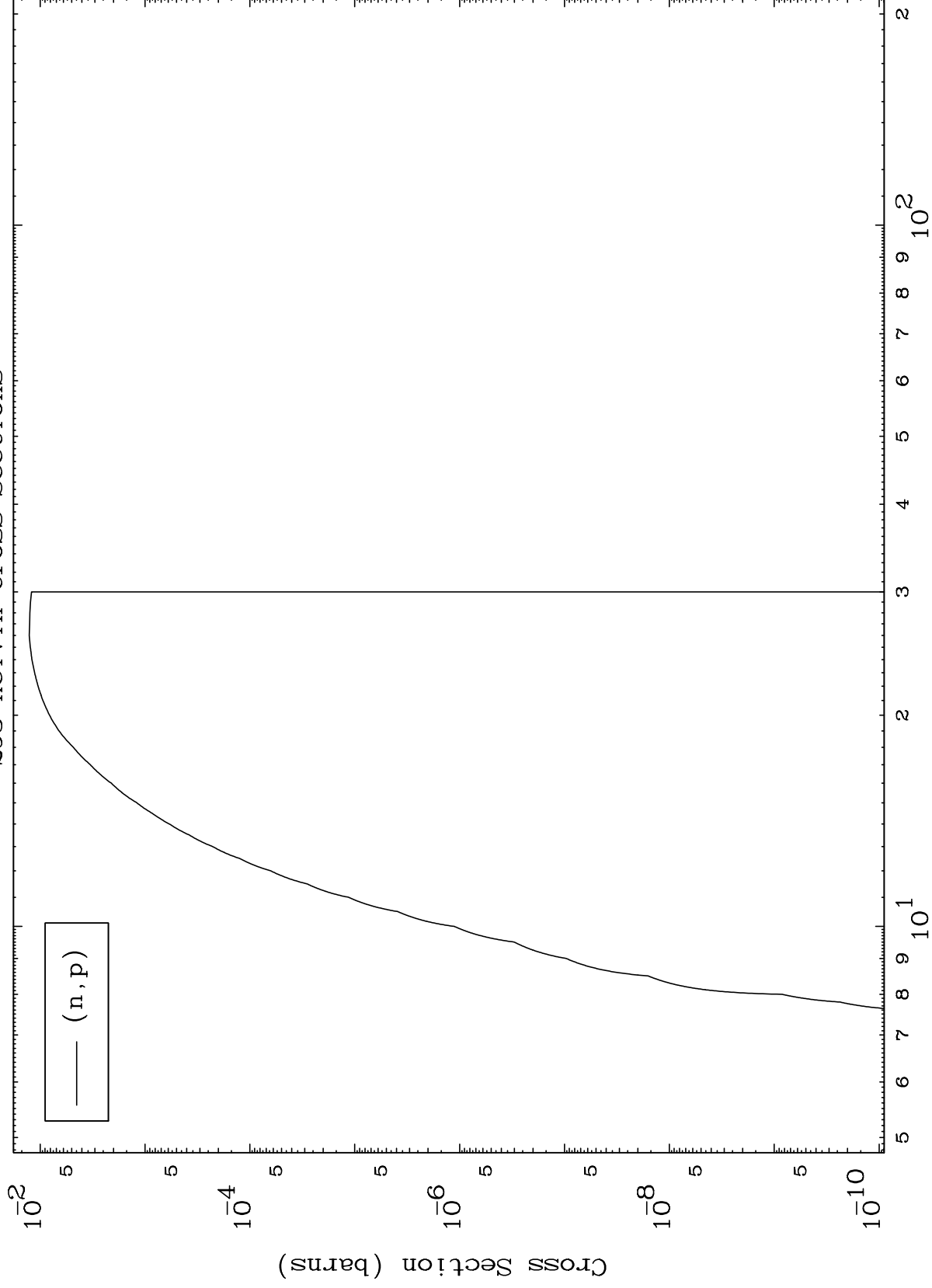
60-Nd-153



MAT 6058

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-153



10

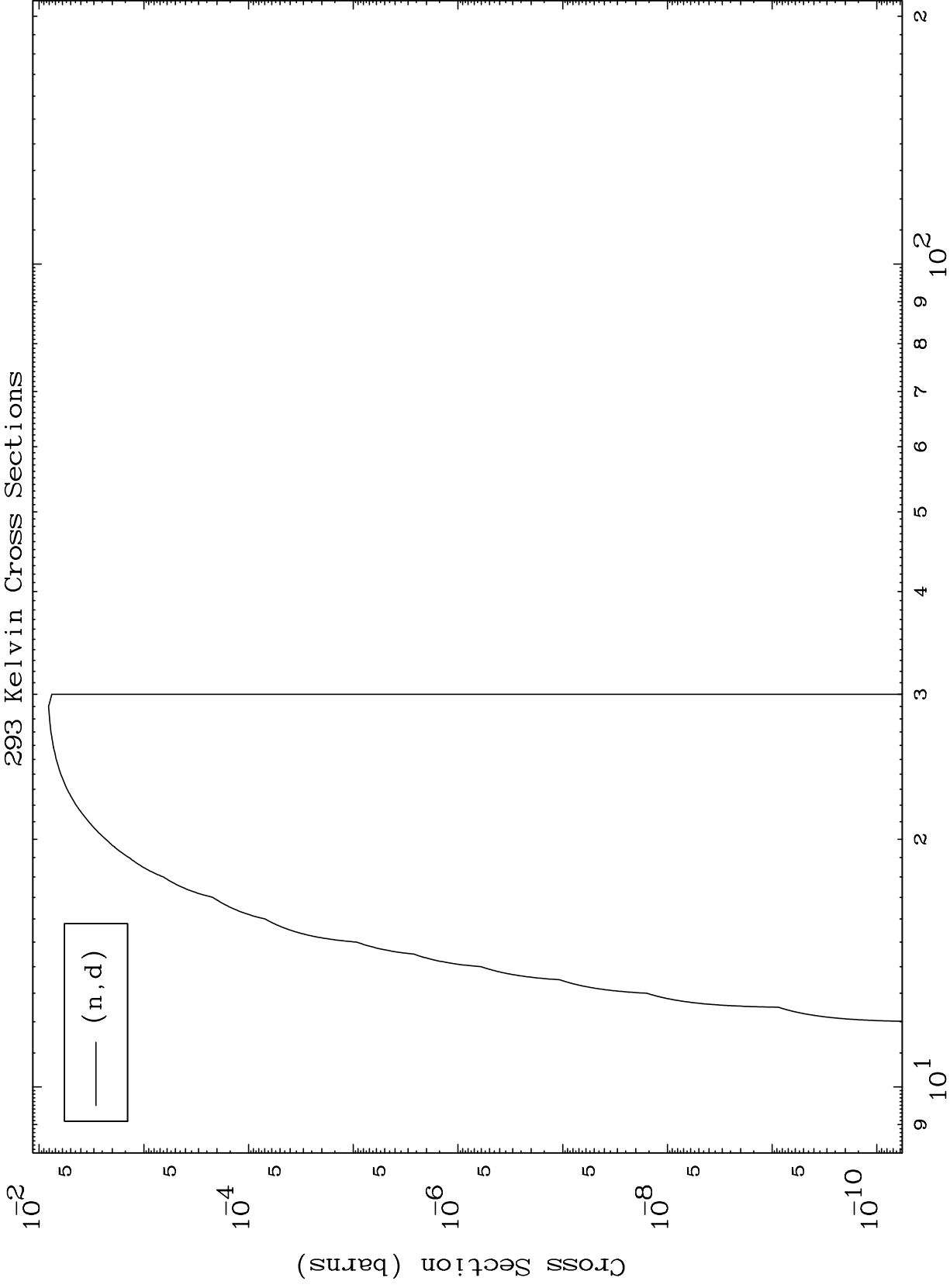
Incident Energy (MeV)

60-Nd-153

MAT 6058

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-153



11

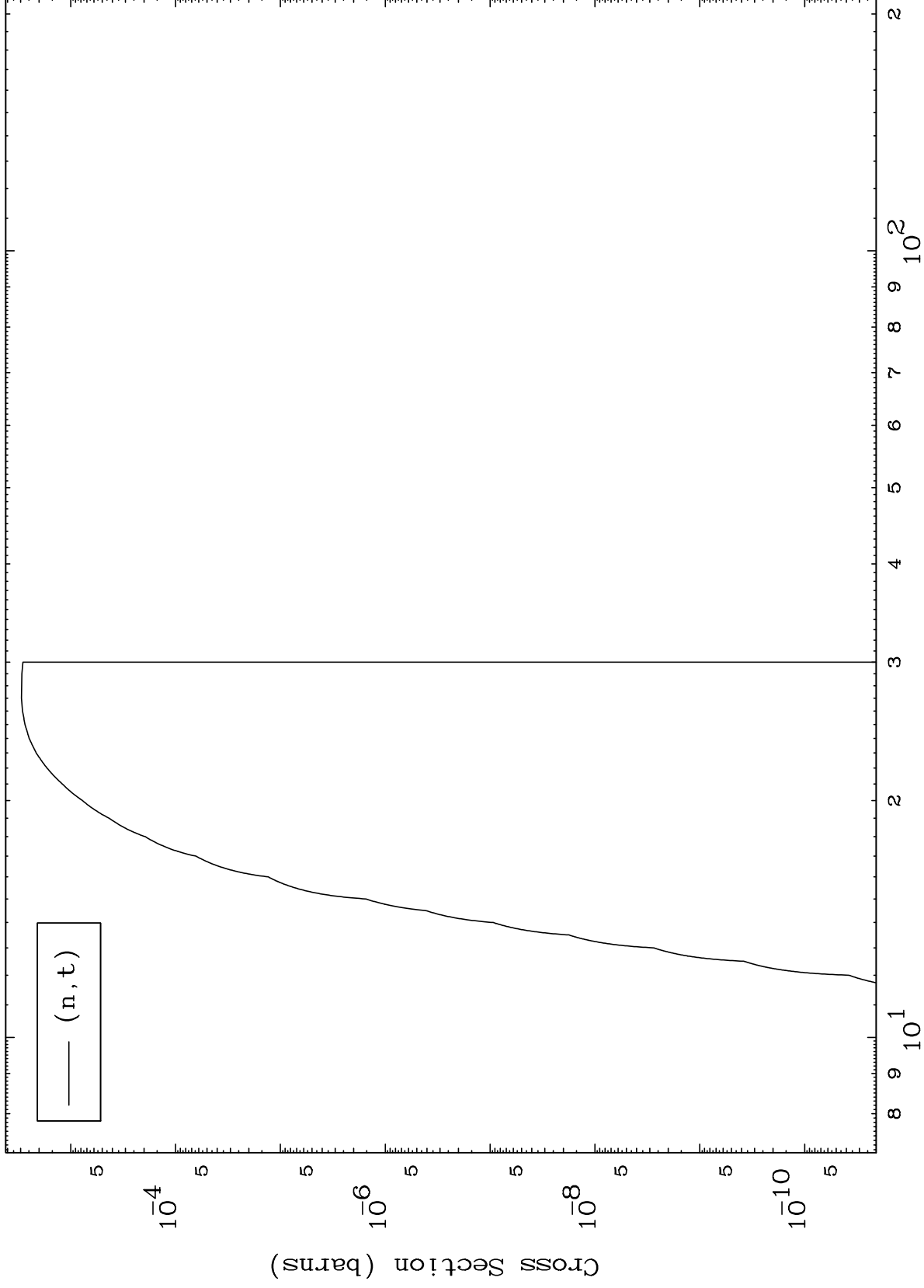
Incident Energy (MeV)

60-Nd-153

MAT 6058

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-153



12

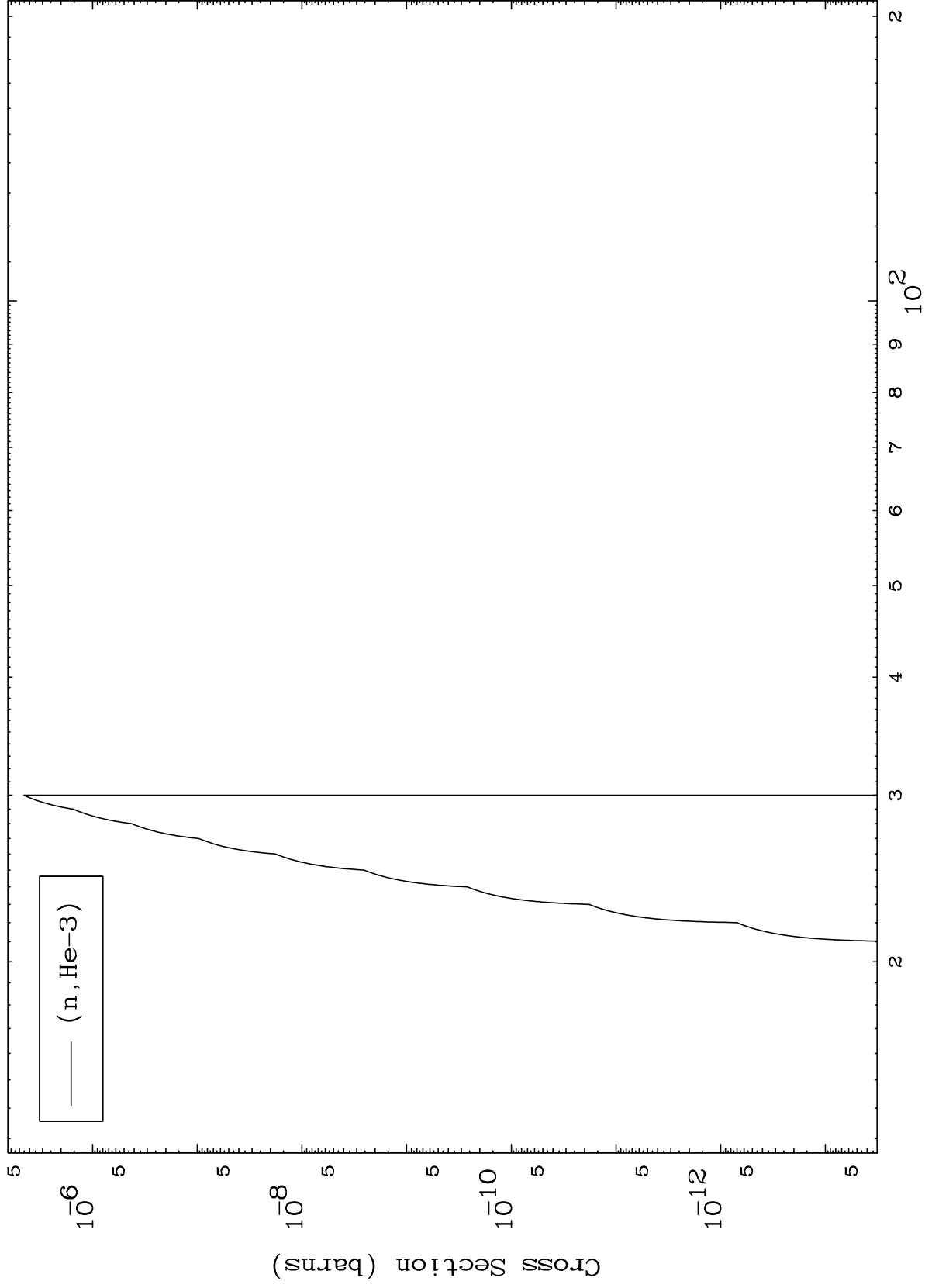
Incident Energy (MeV)

60-Nd-153

MAT 6058

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-153



13

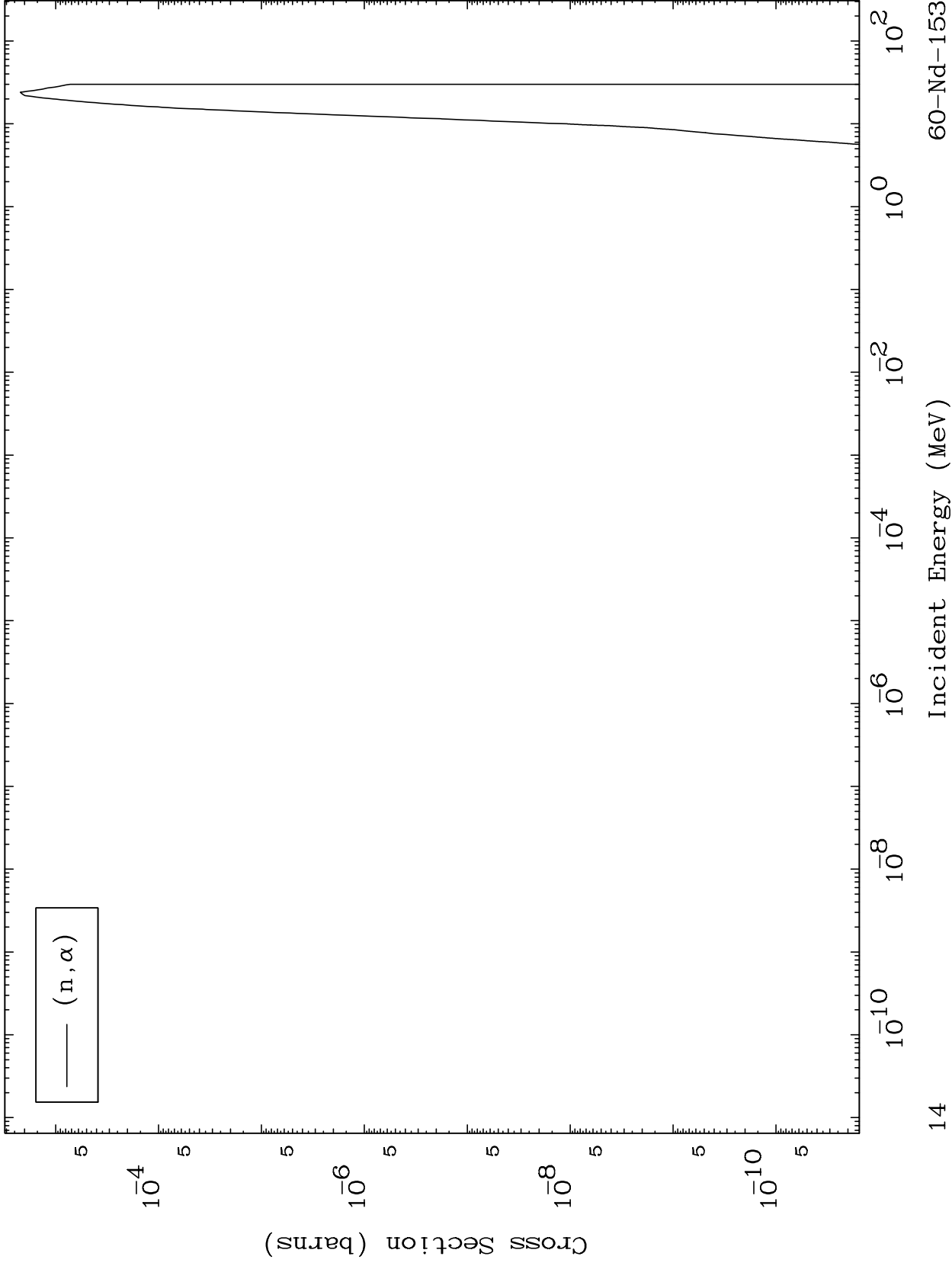
Incident Energy (MeV)

60-Nd-153

MAT 6058

(n, α) Levels
293 Kelvin Cross Sections

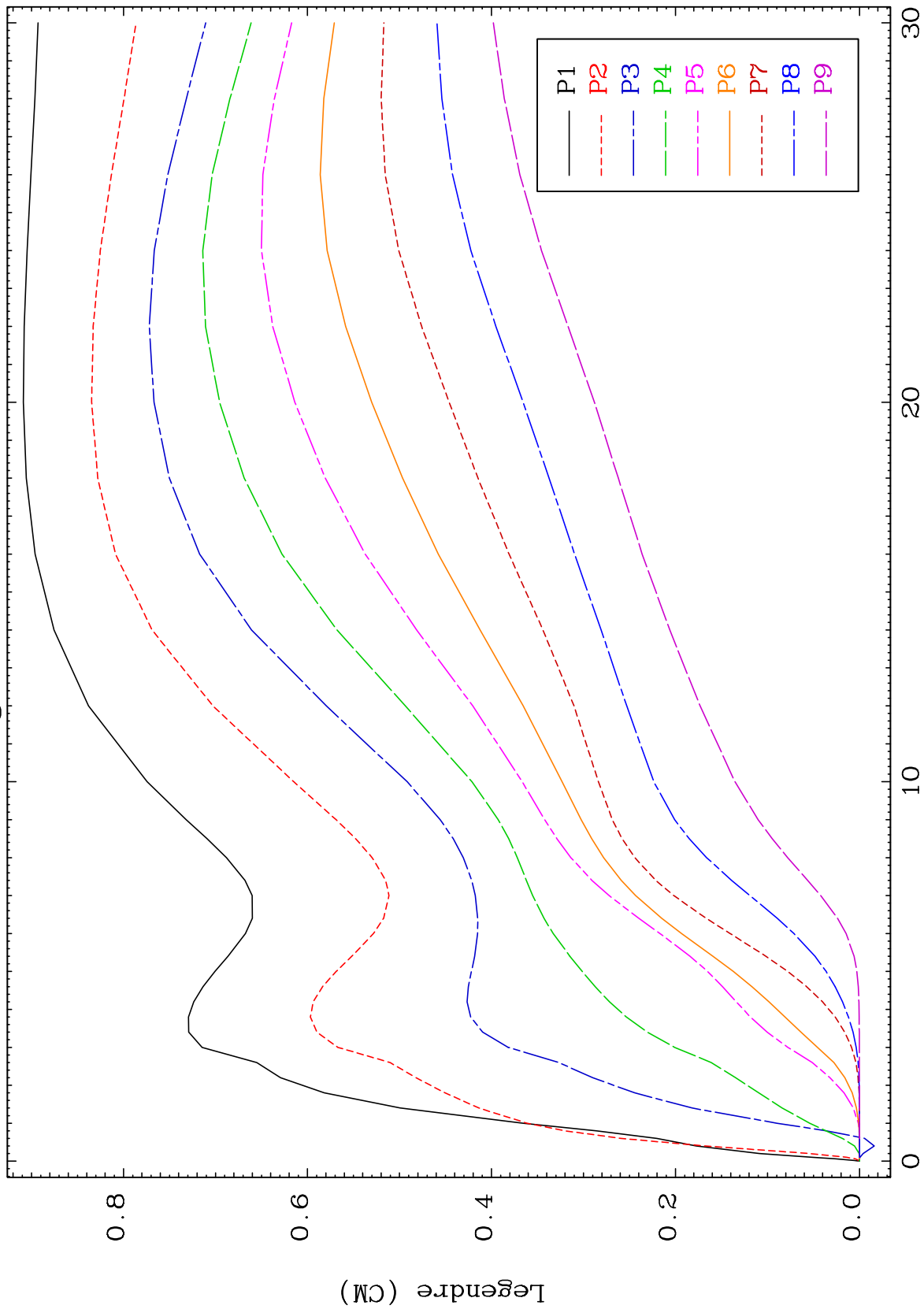
60-Nd-153



MAT 6058

Elastic Legendre Coefficients

60-Nd-153



15

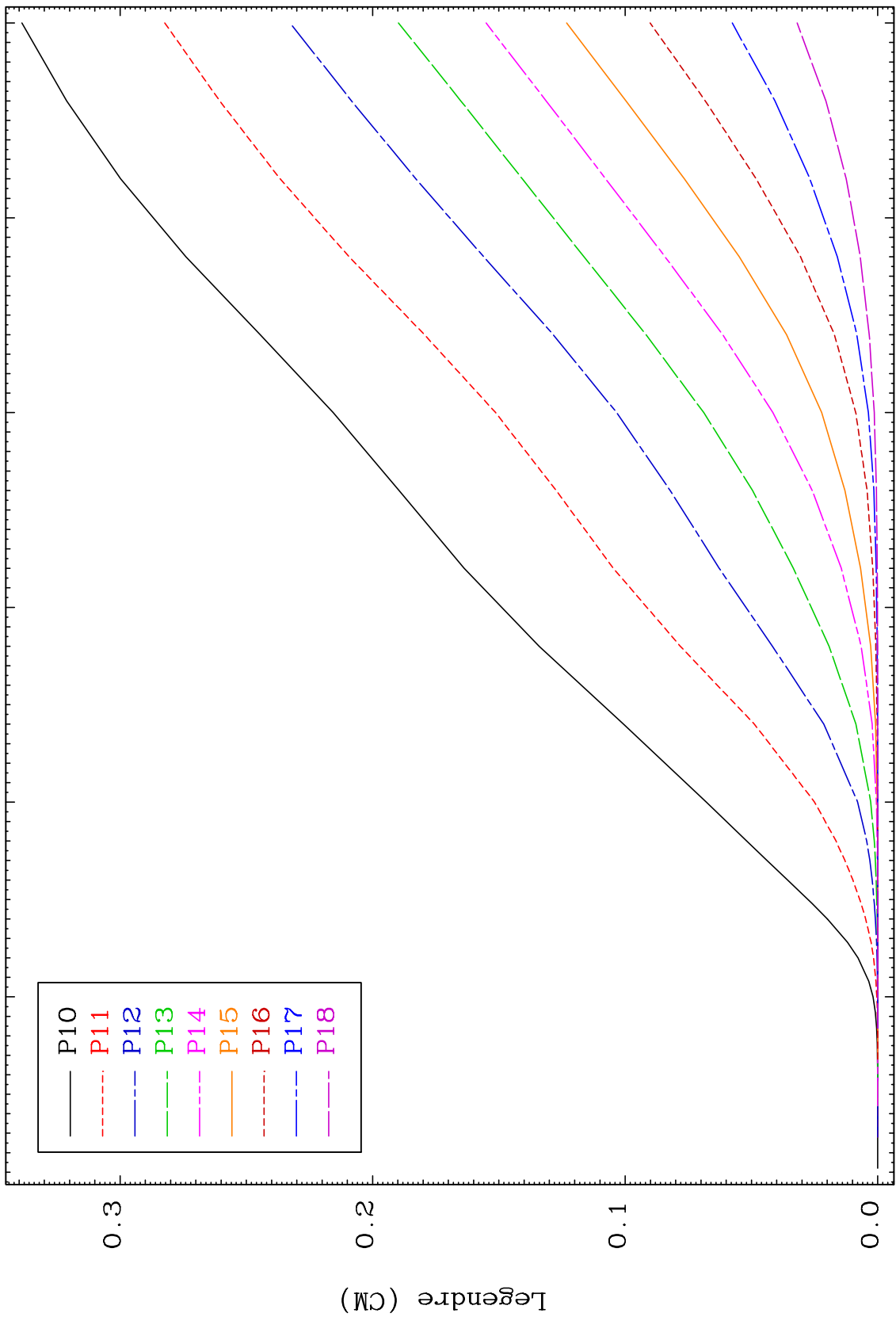
Incident Energy (MeV)

60-Nd-153

MAT 6058

Elastic Legendre Coefficients

60-Nd-153



16

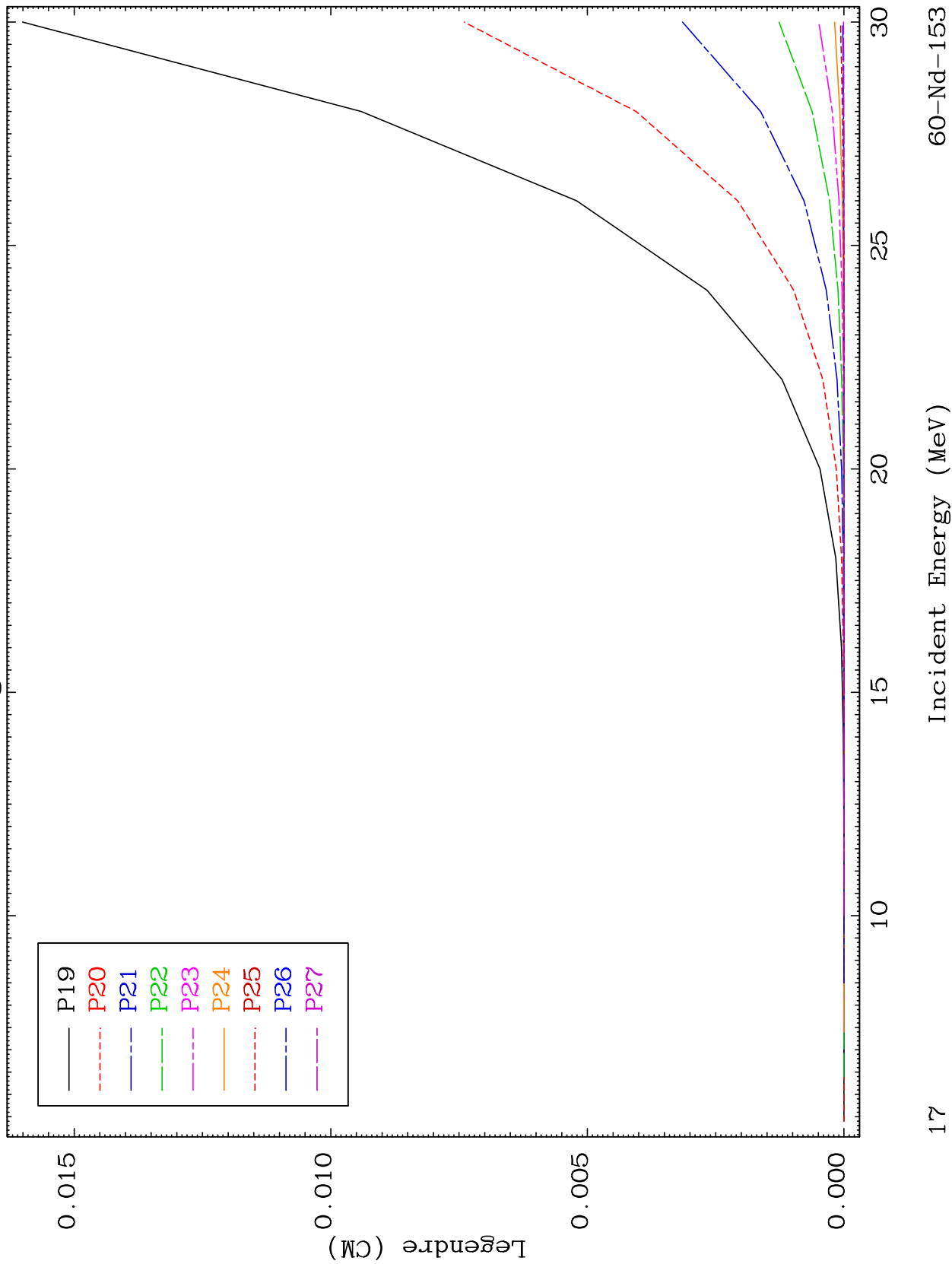
Incident Energy (MeV)

60-Nd-153

MAT 6058

Elastic Legendre Coefficients

60-Nd-153



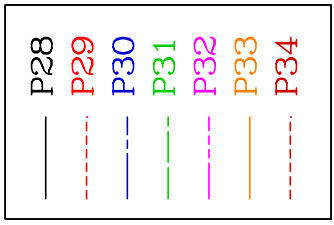
17

60-Nd-153

MAT 6058

Elastic Legendre Coefficients

60-Nd-153



$\times 10^{-6}$

Legendre (CM)

10

15

20

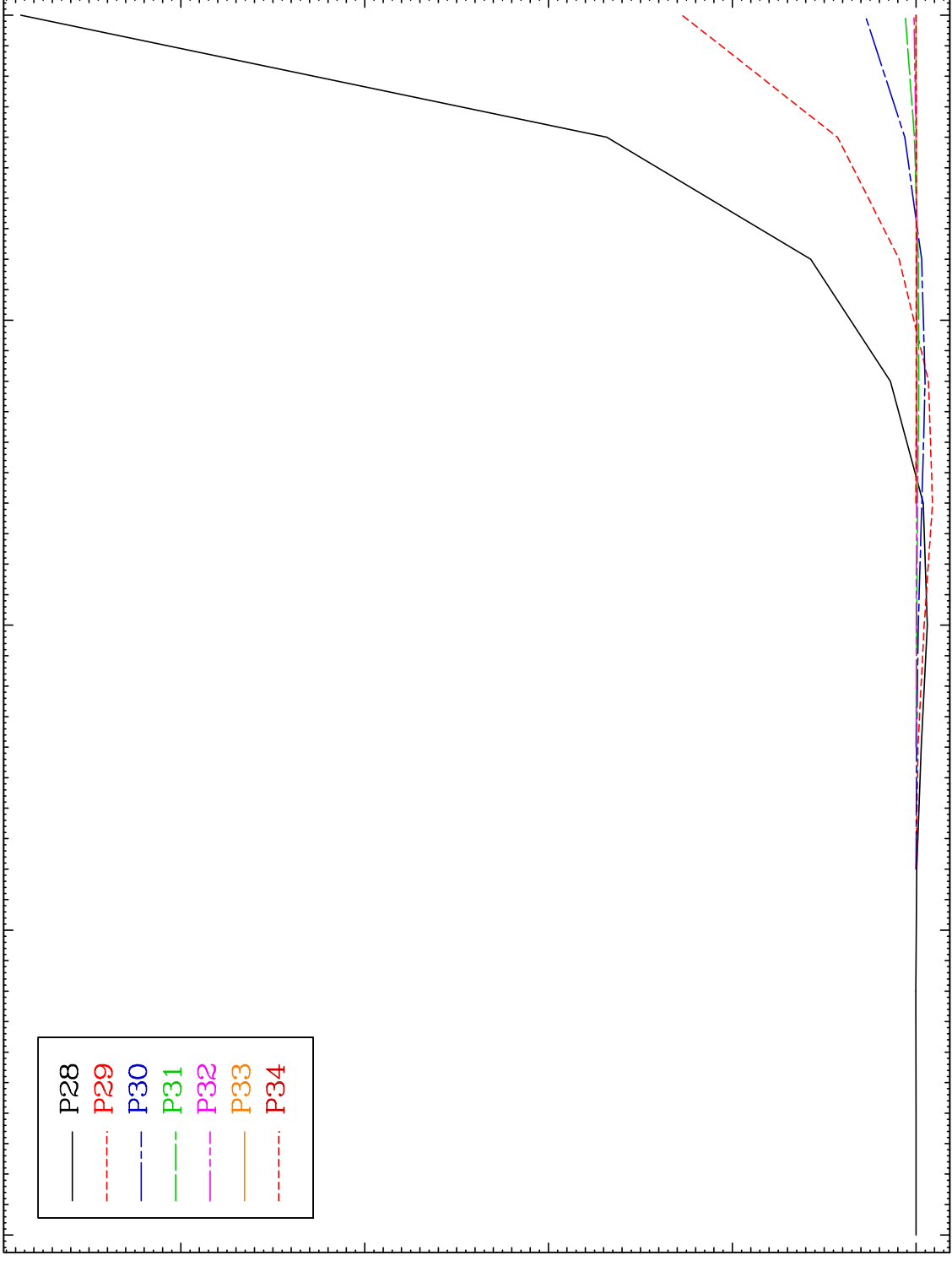
25

30

18

Incident Energy (MeV)

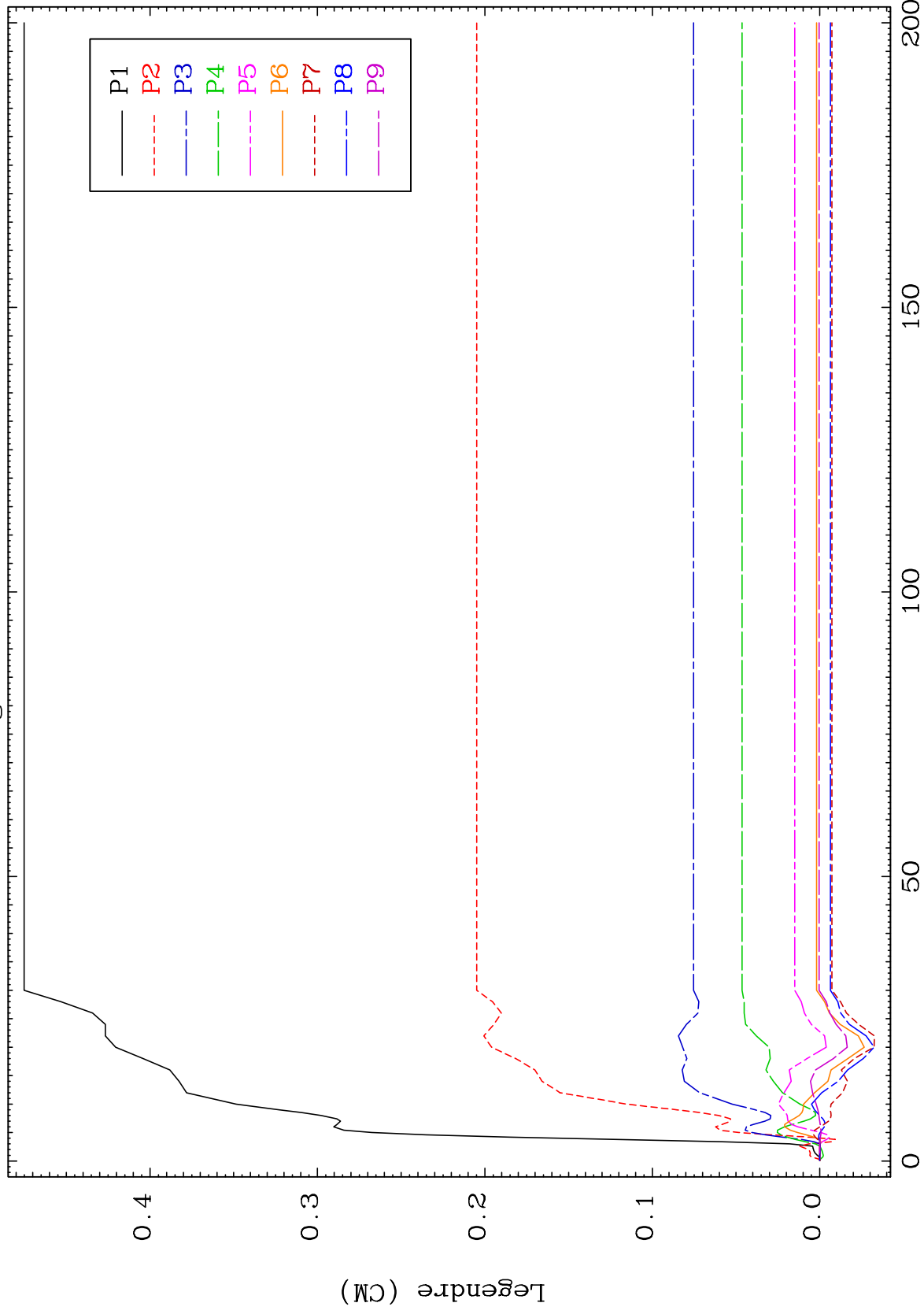
60-Nd-153



MAT 6058

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

60-Nd-153



60-Nd-153

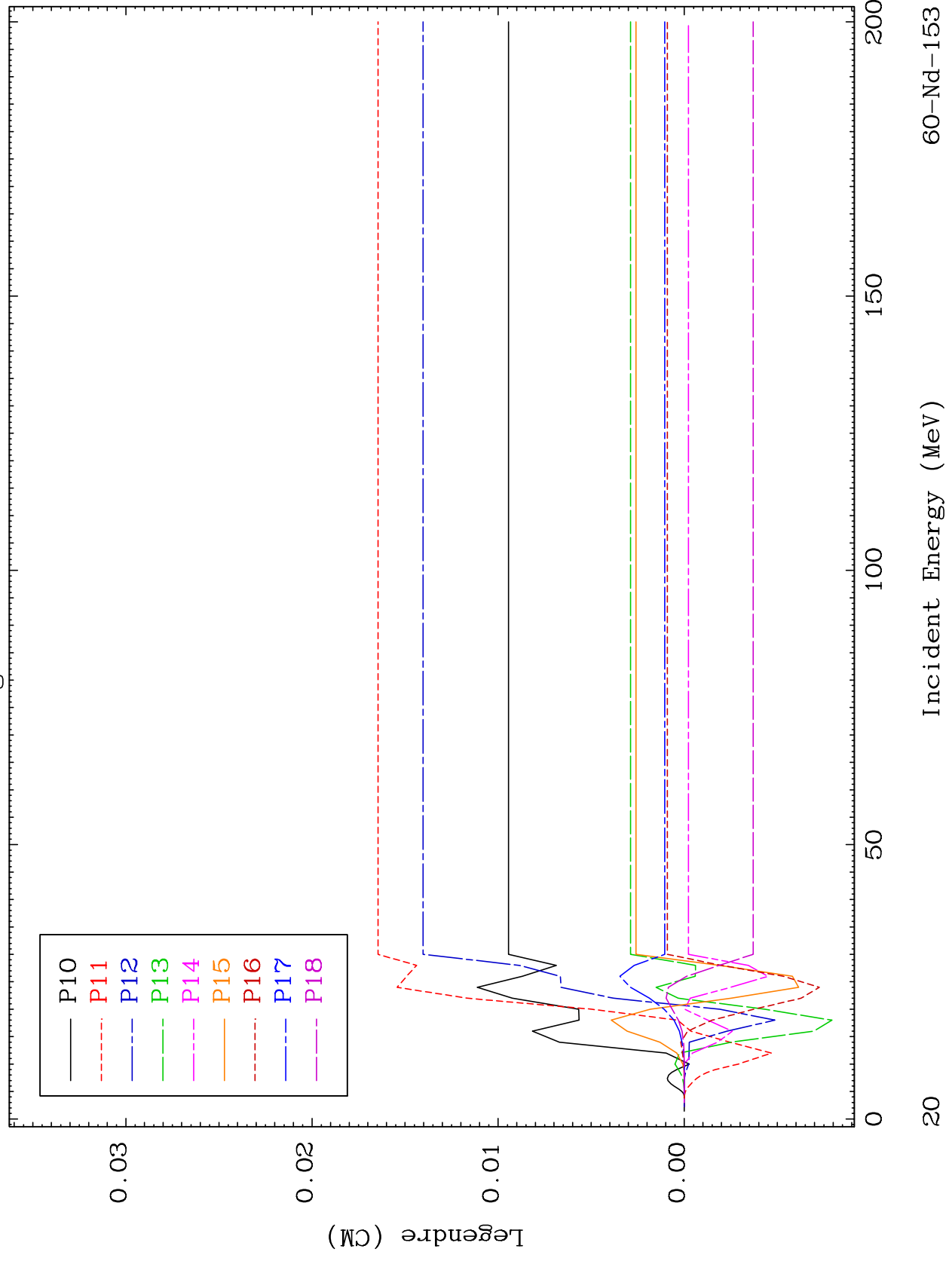
Incident Energy (MeV)

19

MAT 6058

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

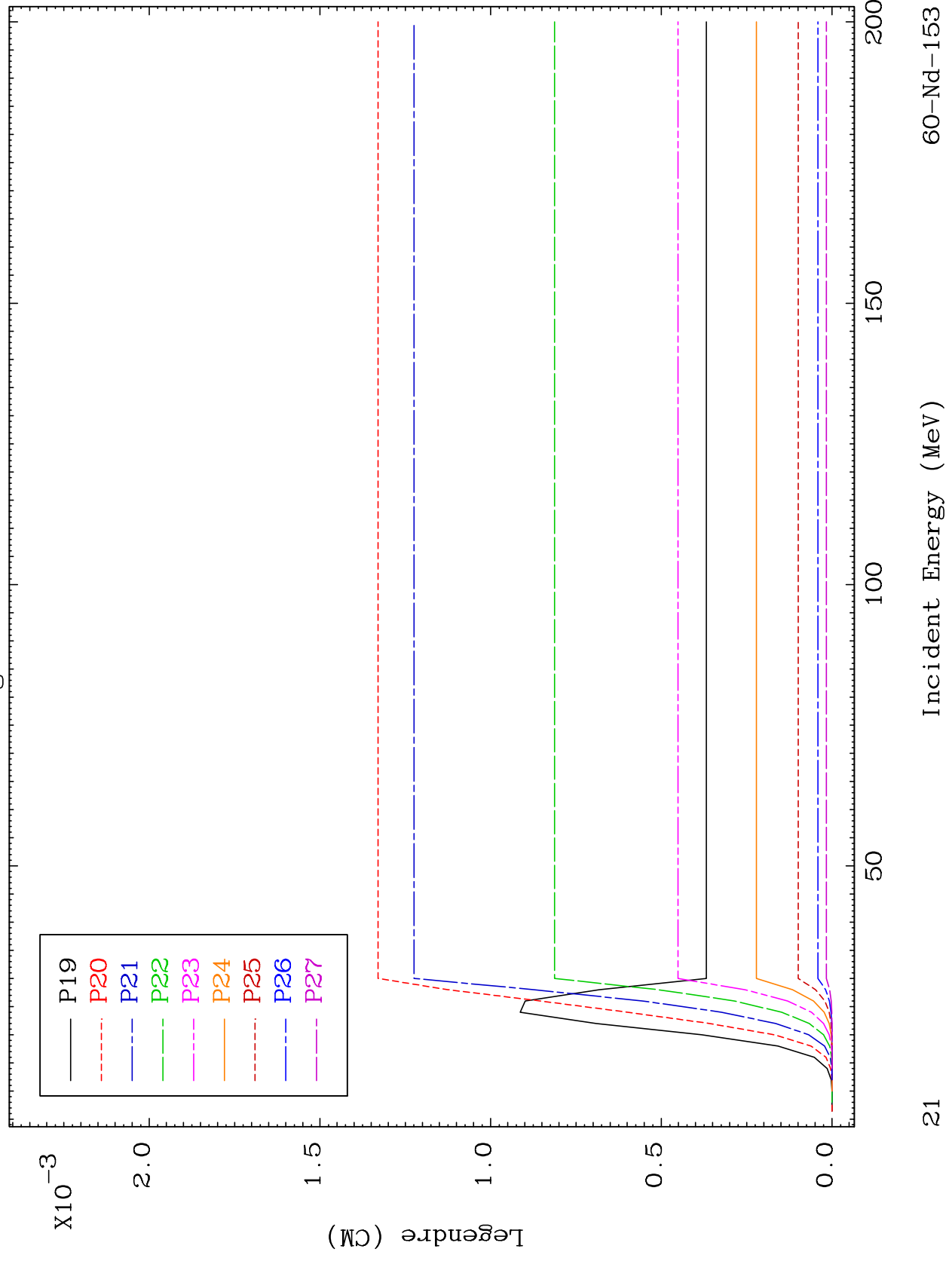
60-Nd-153



60-Nd-153

Incident Energy (MeV)

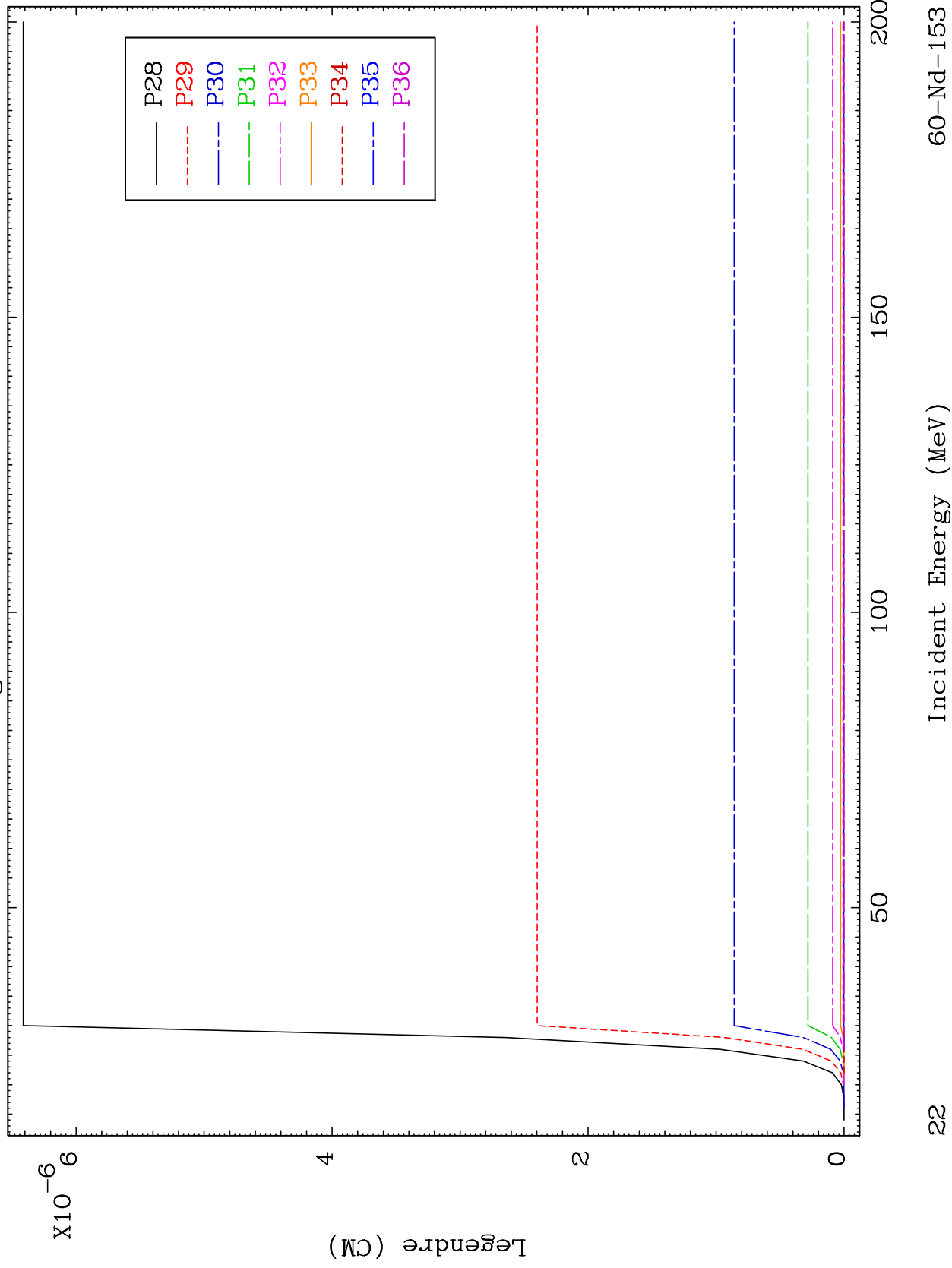
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MAT 6058

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

60-Nd-153



22

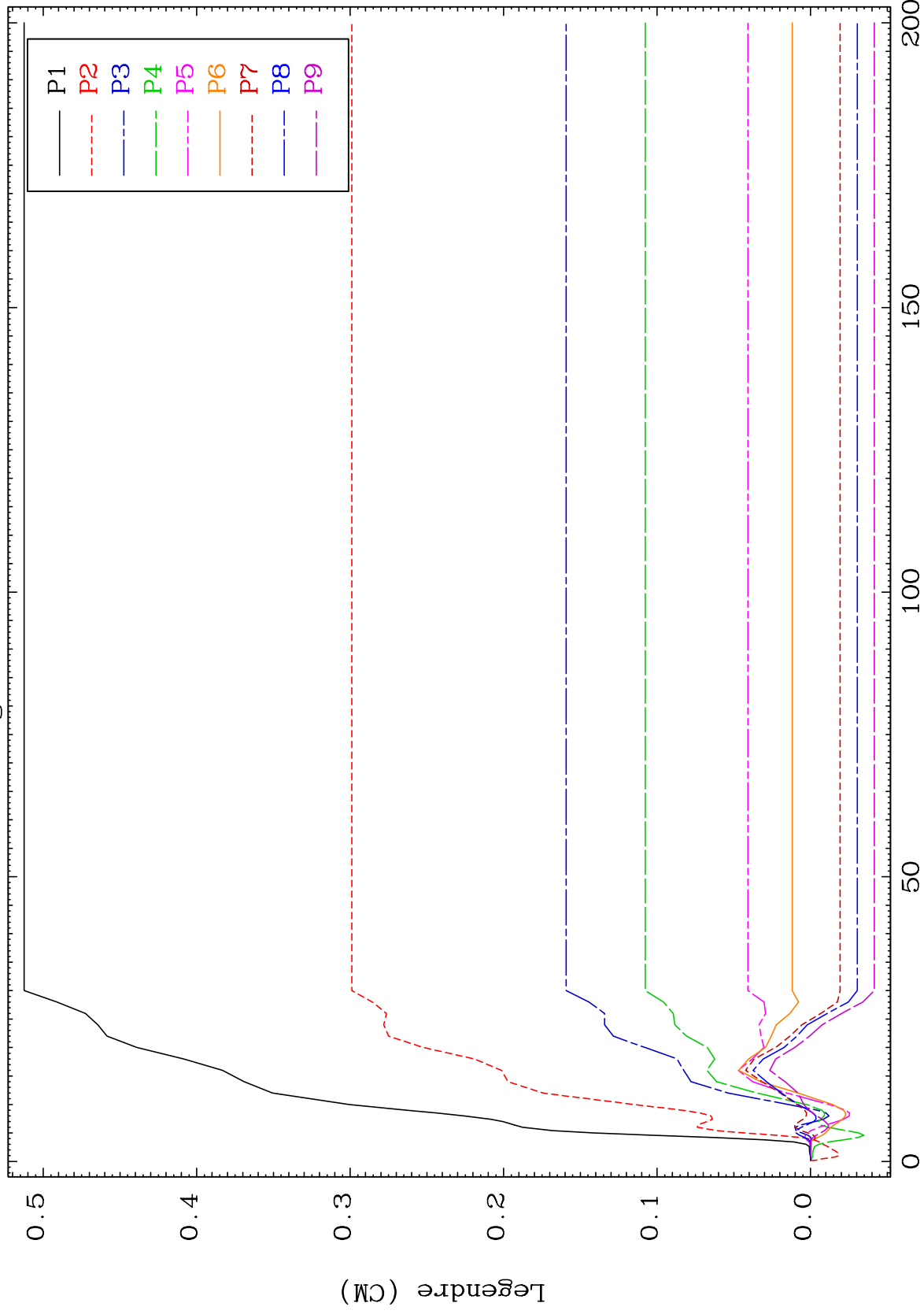
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



23

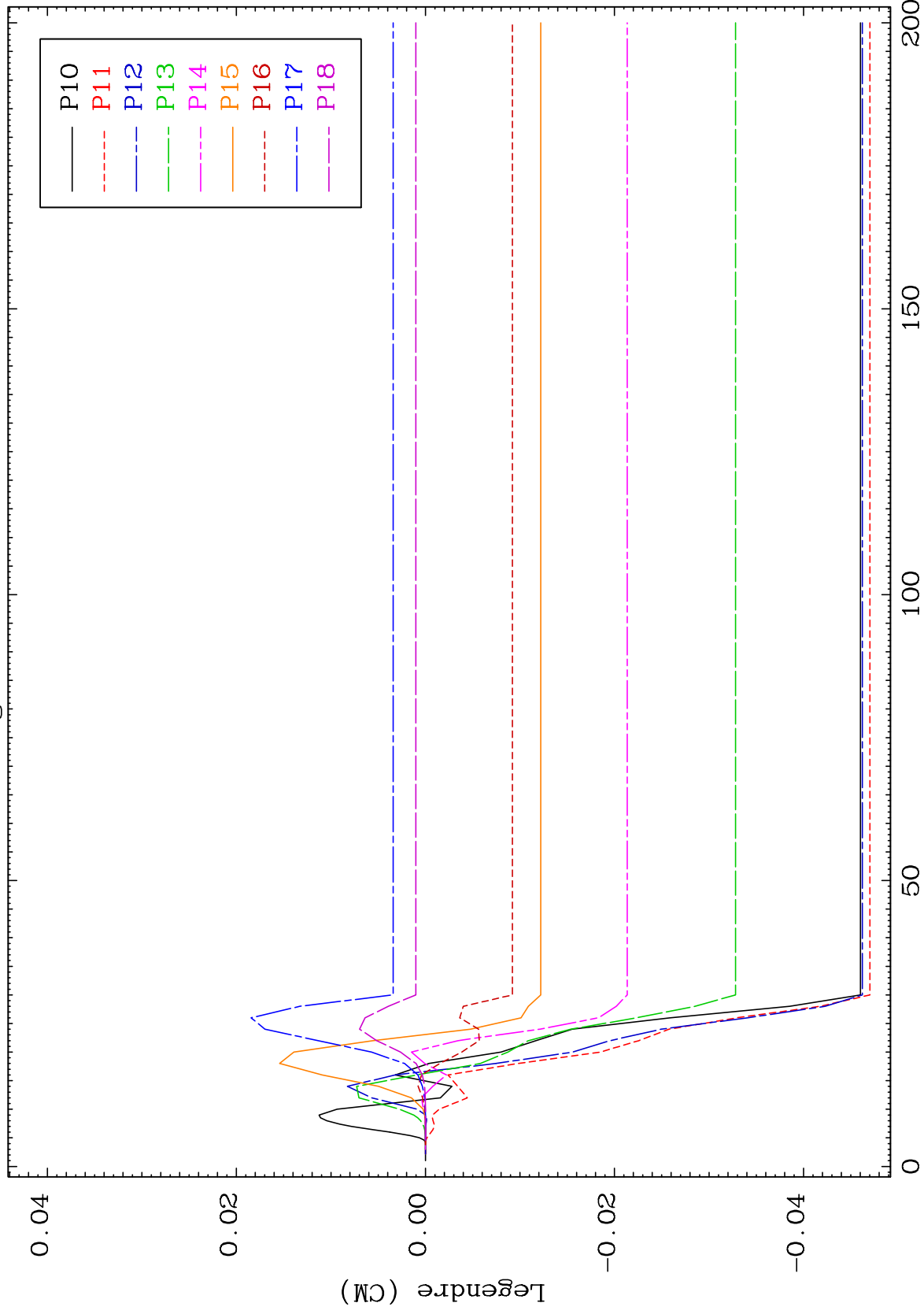
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



24

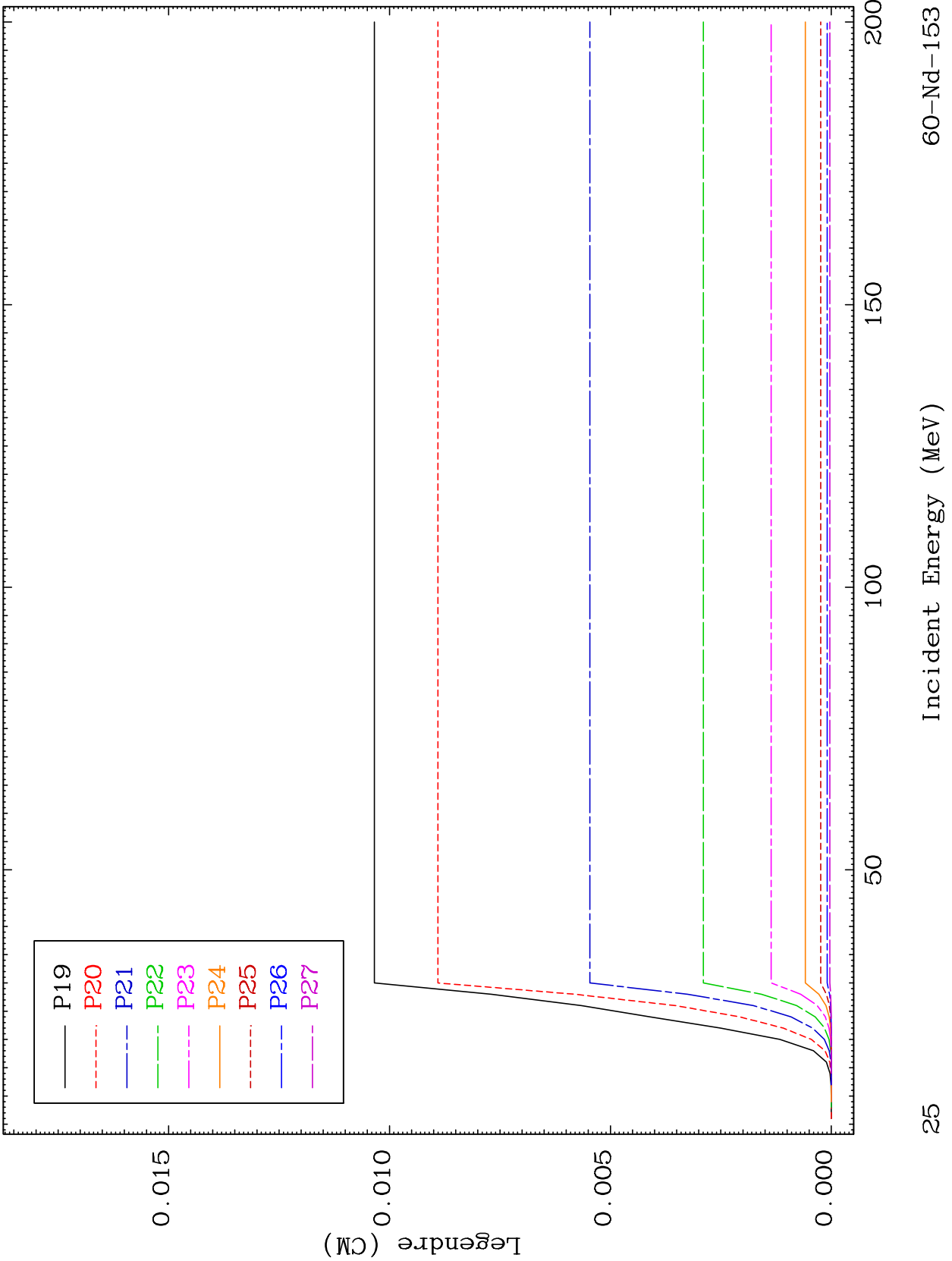
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



25

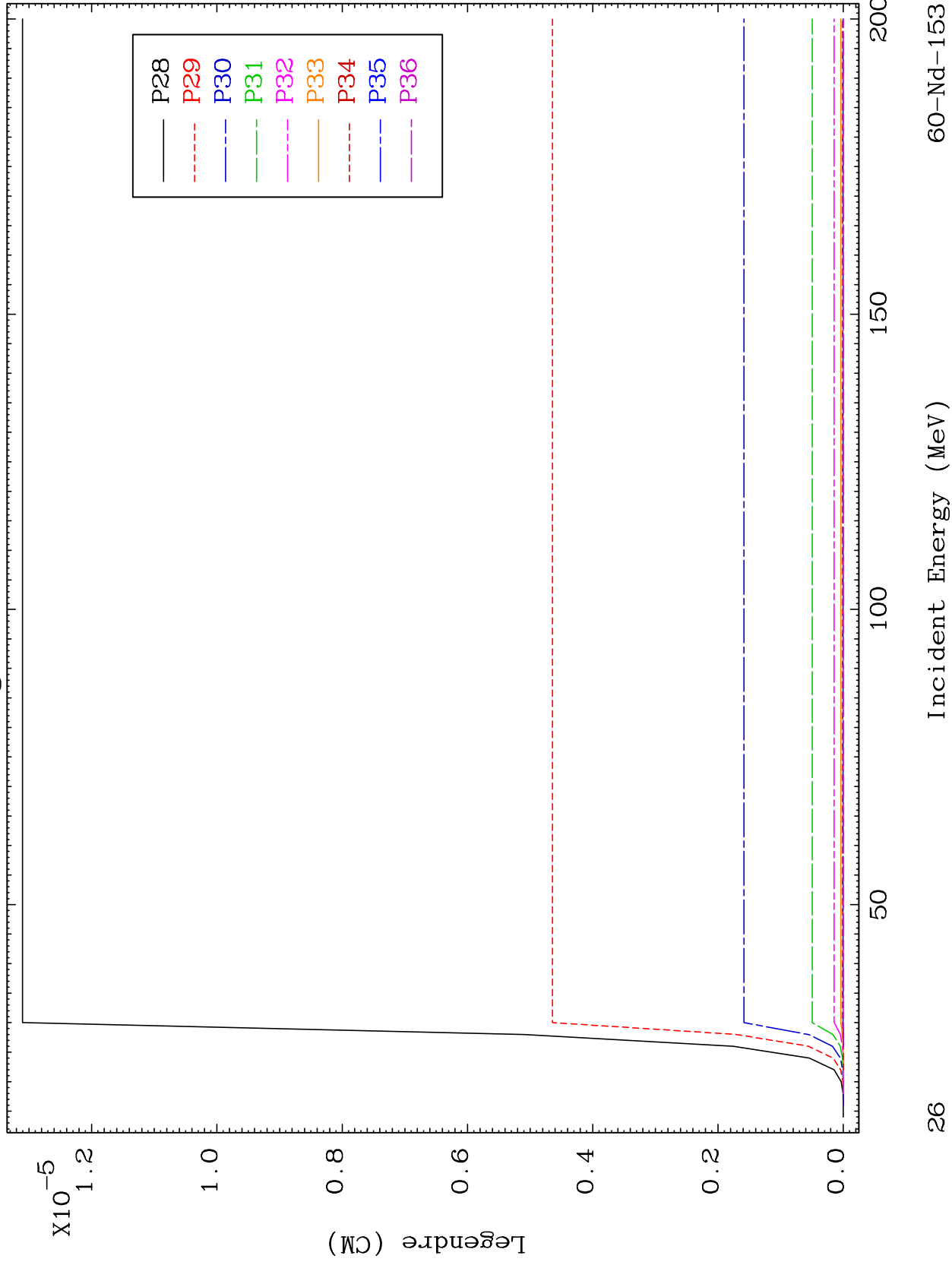
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



26

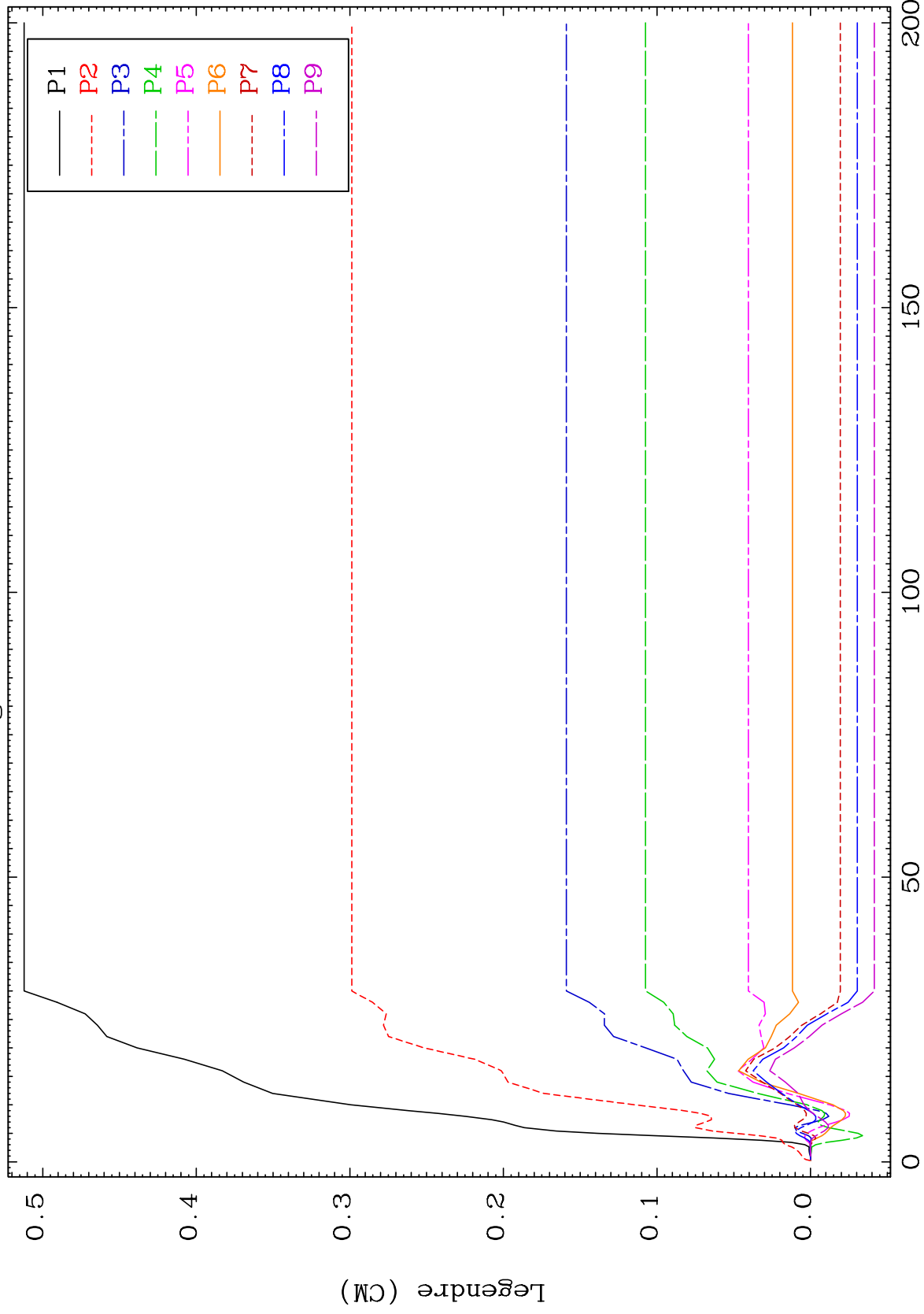
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



27

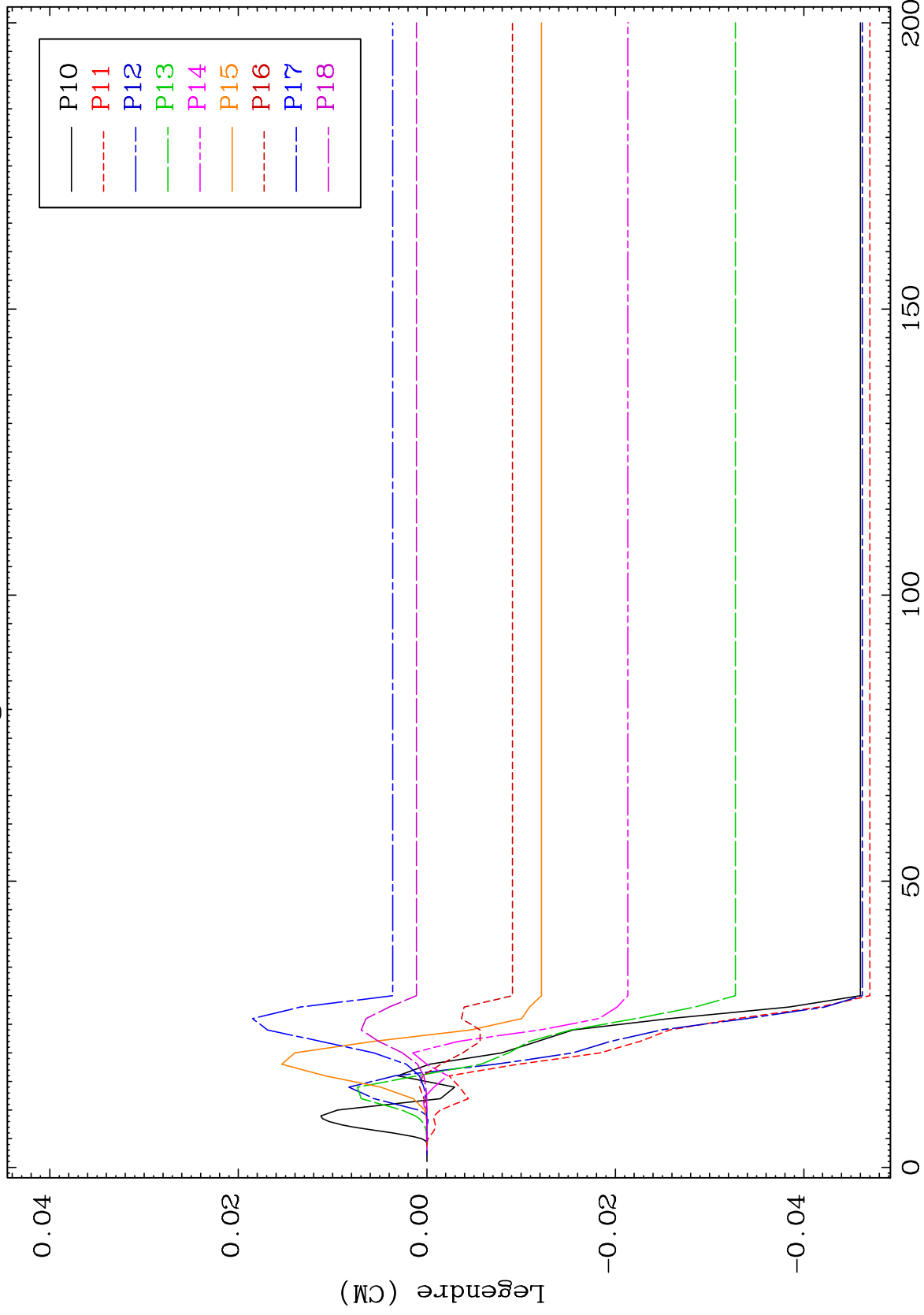
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



28

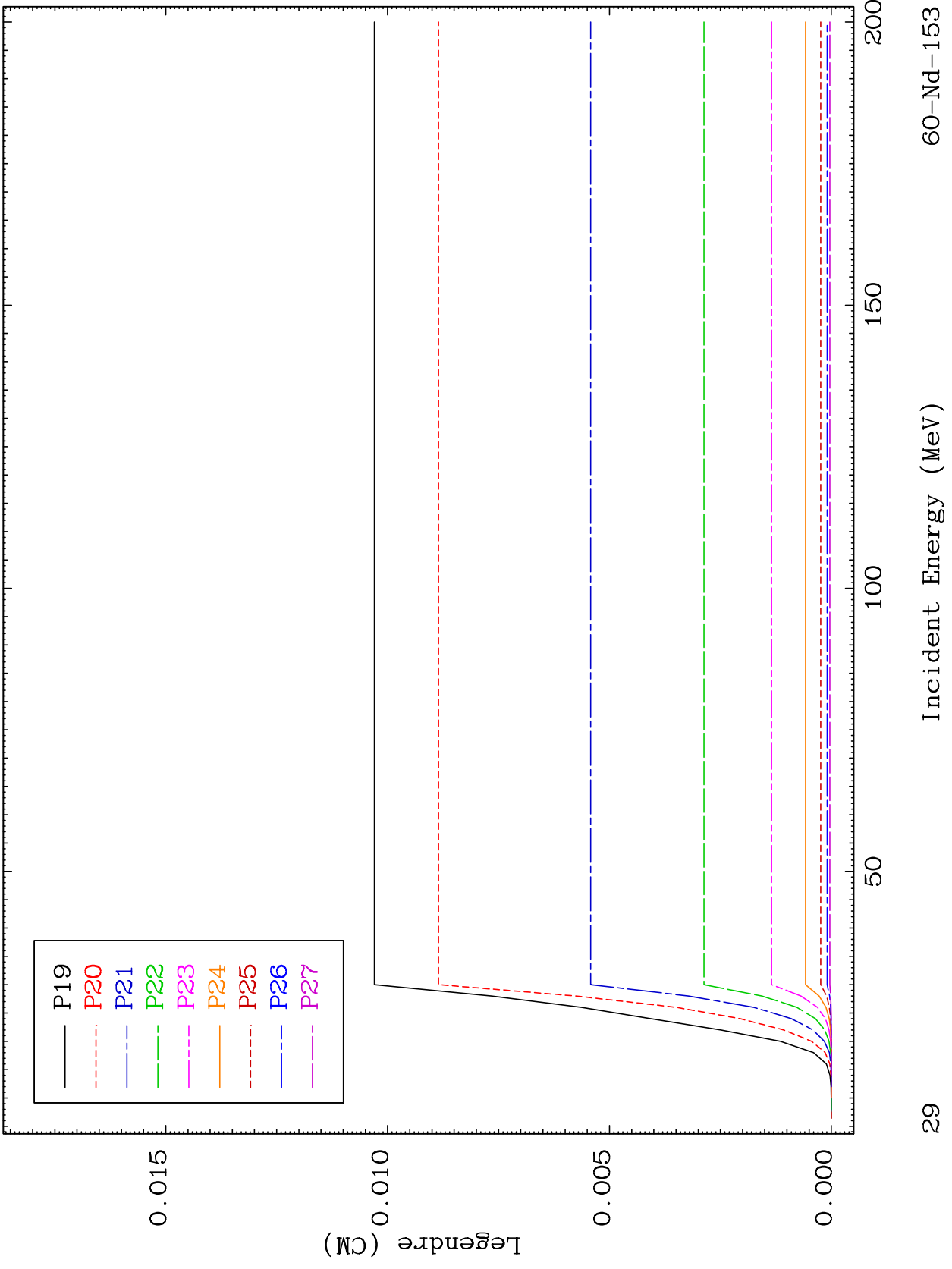
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

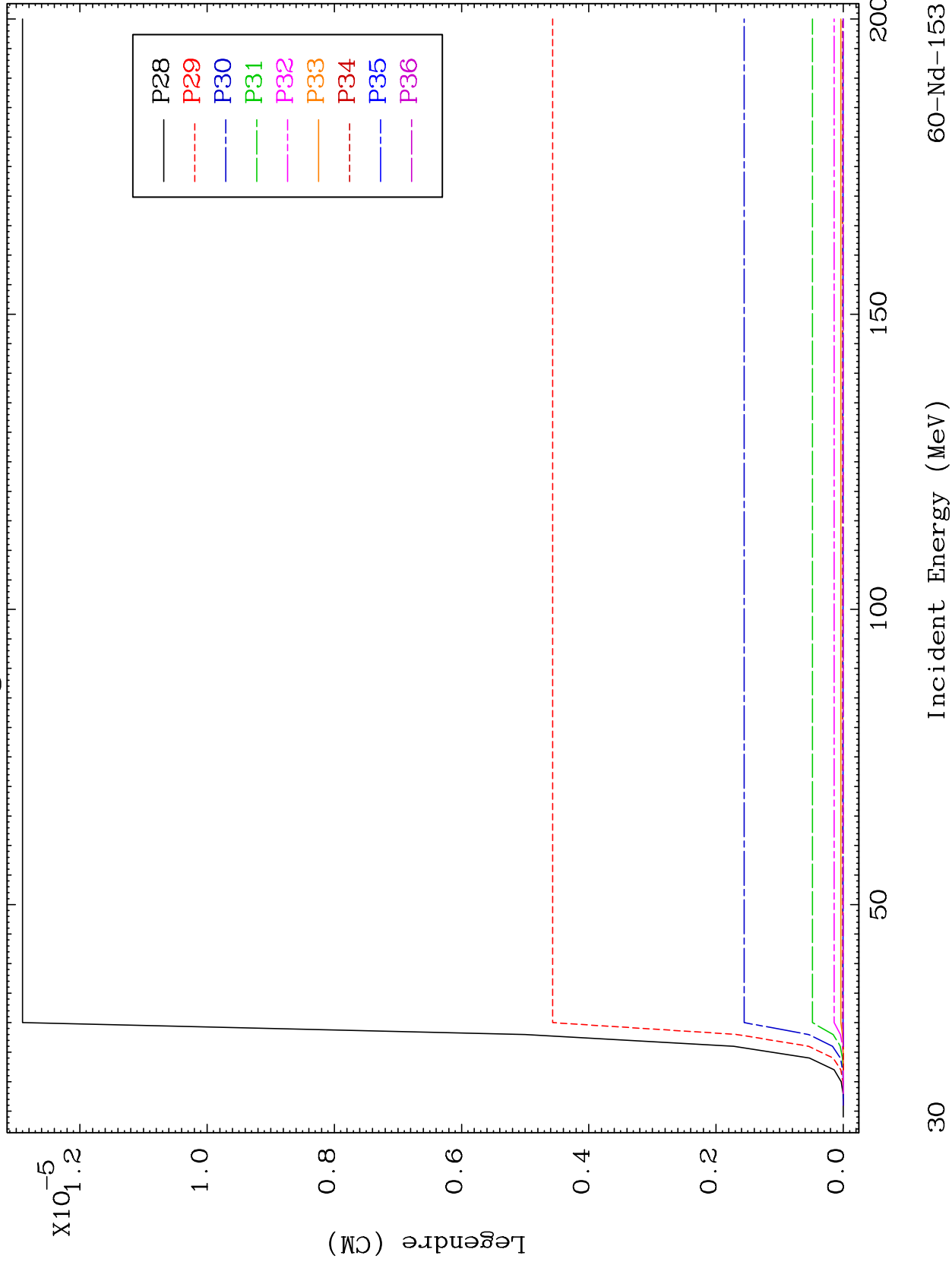
60-Nd-153



MAT 6058

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

60-Nd-153



30

50

100

150

200

$\times 10^{-5}$

1.0

0.8

0.6

0.4

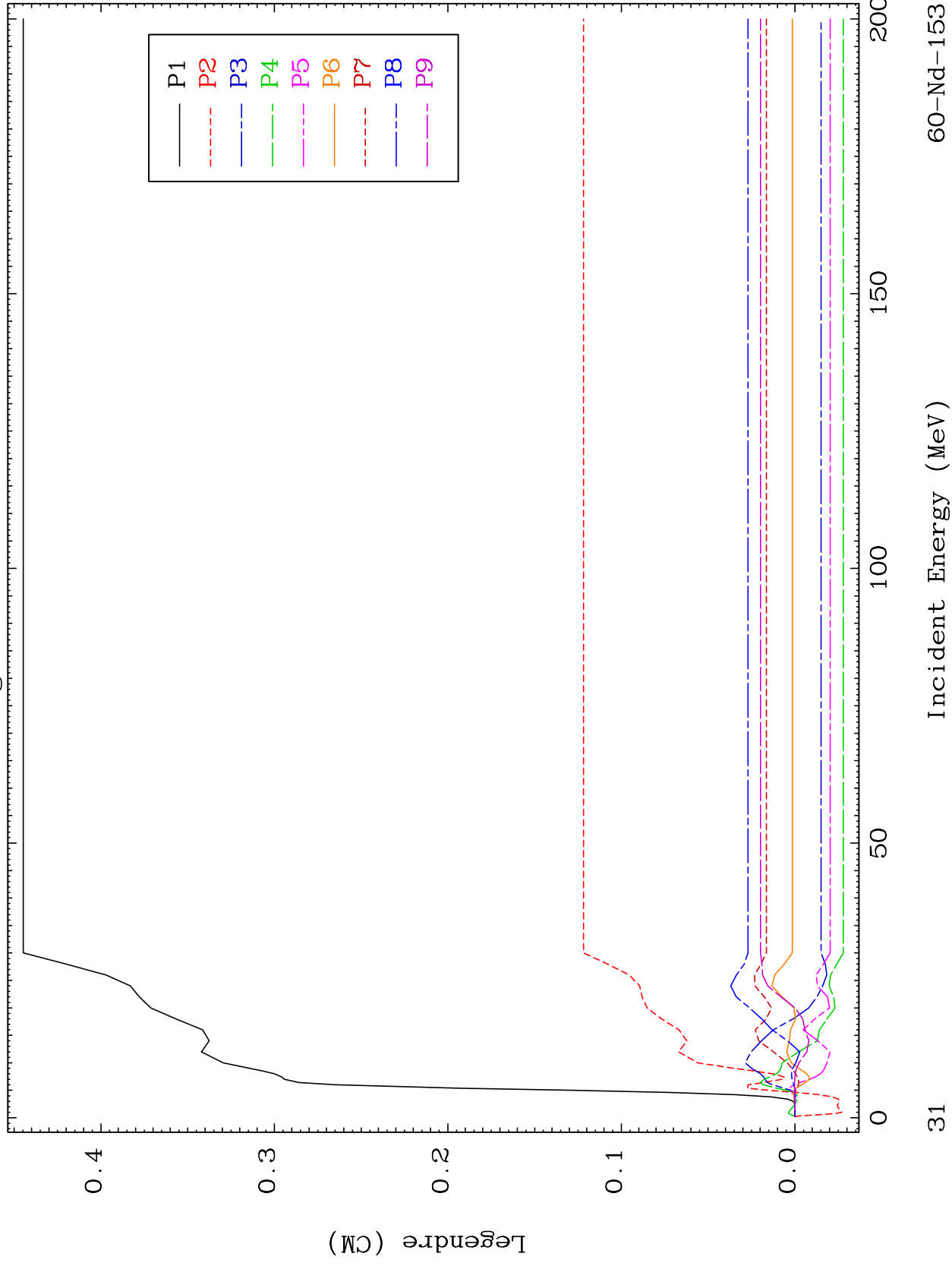
0.2

0.0

MAT 6058

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

60-Nd-153



60-Nd-153

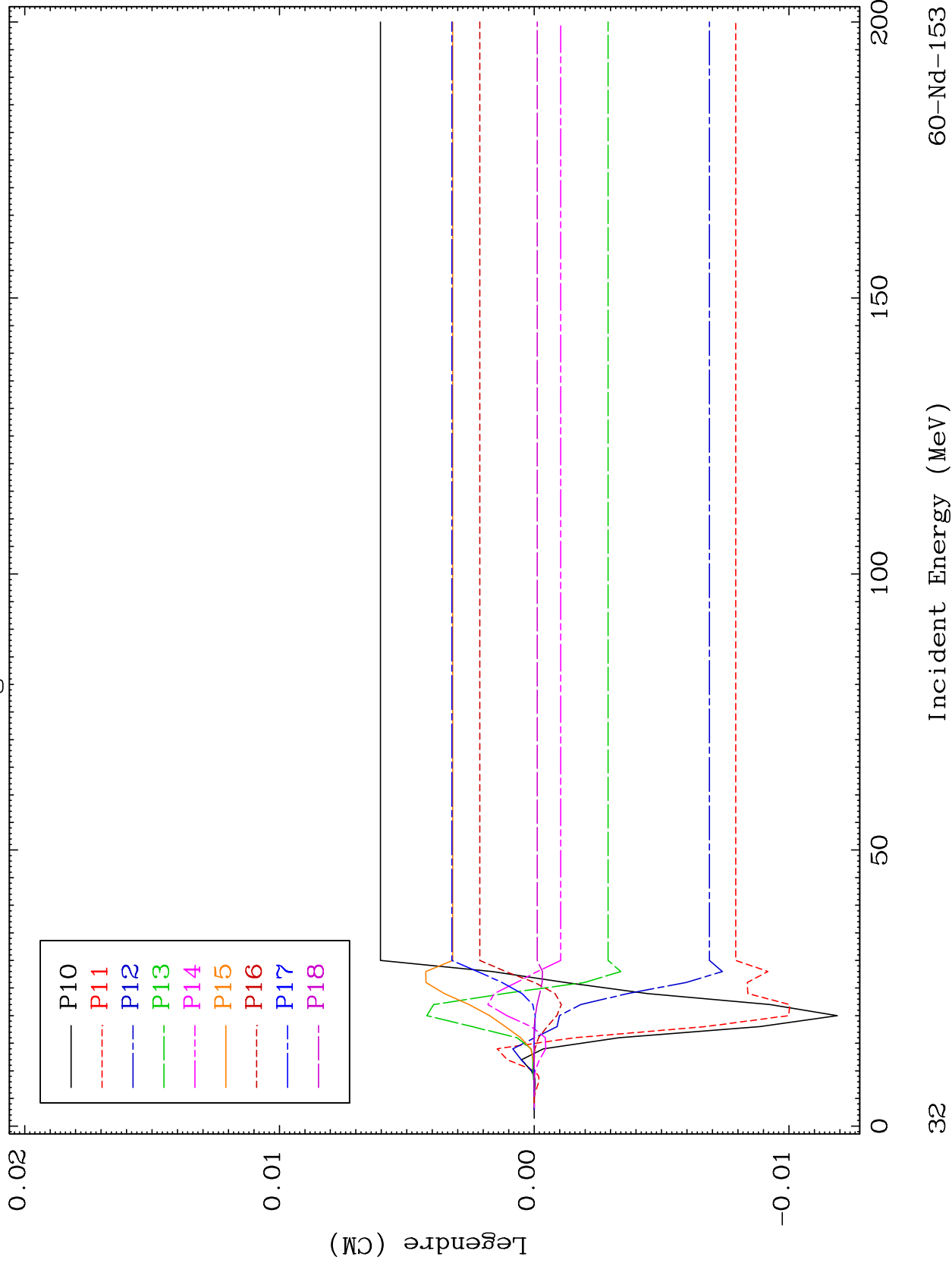
Incident Energy (MeV)

31

MAT 6058

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

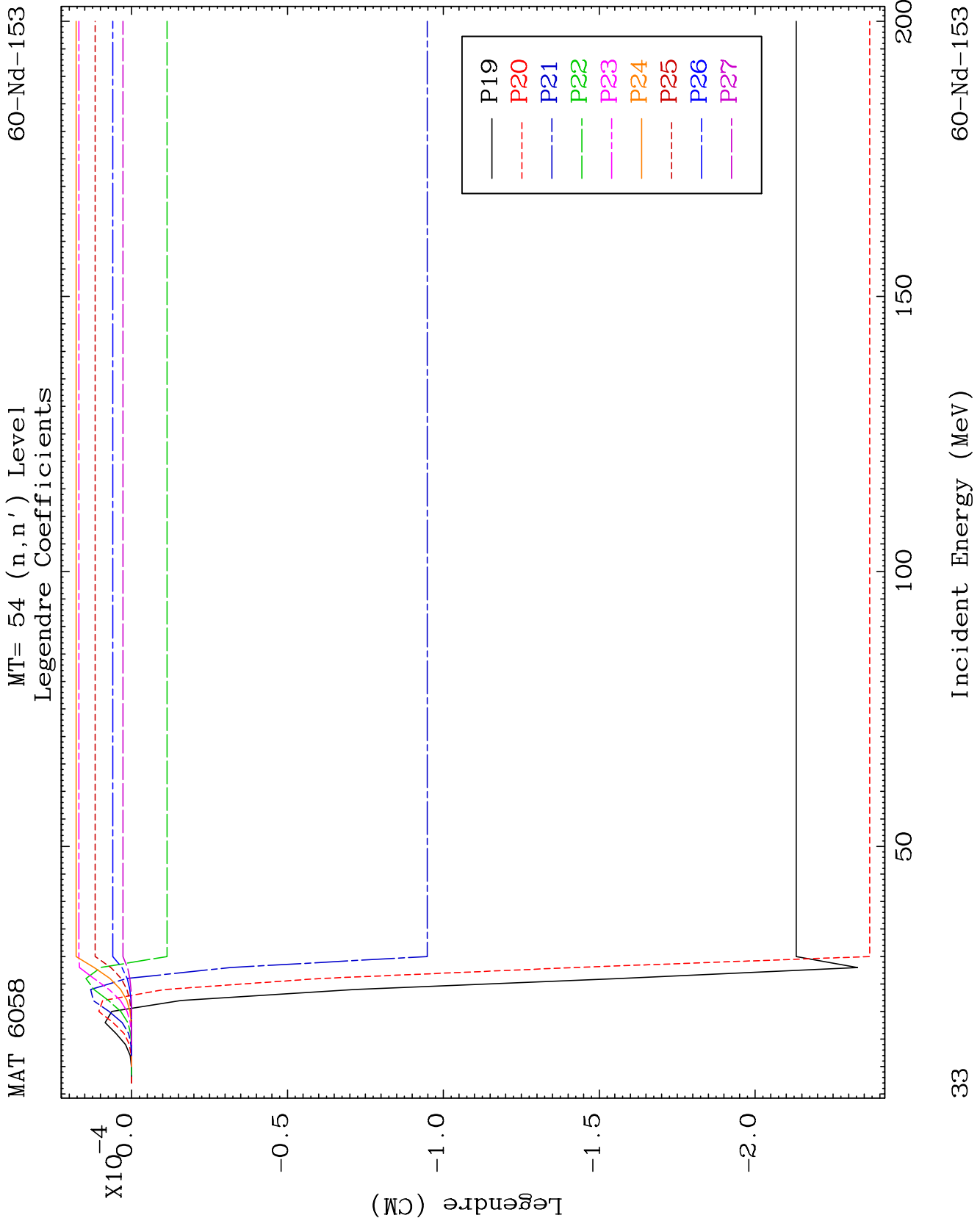
60-Nd-153



32

Incident Energy (MeV)

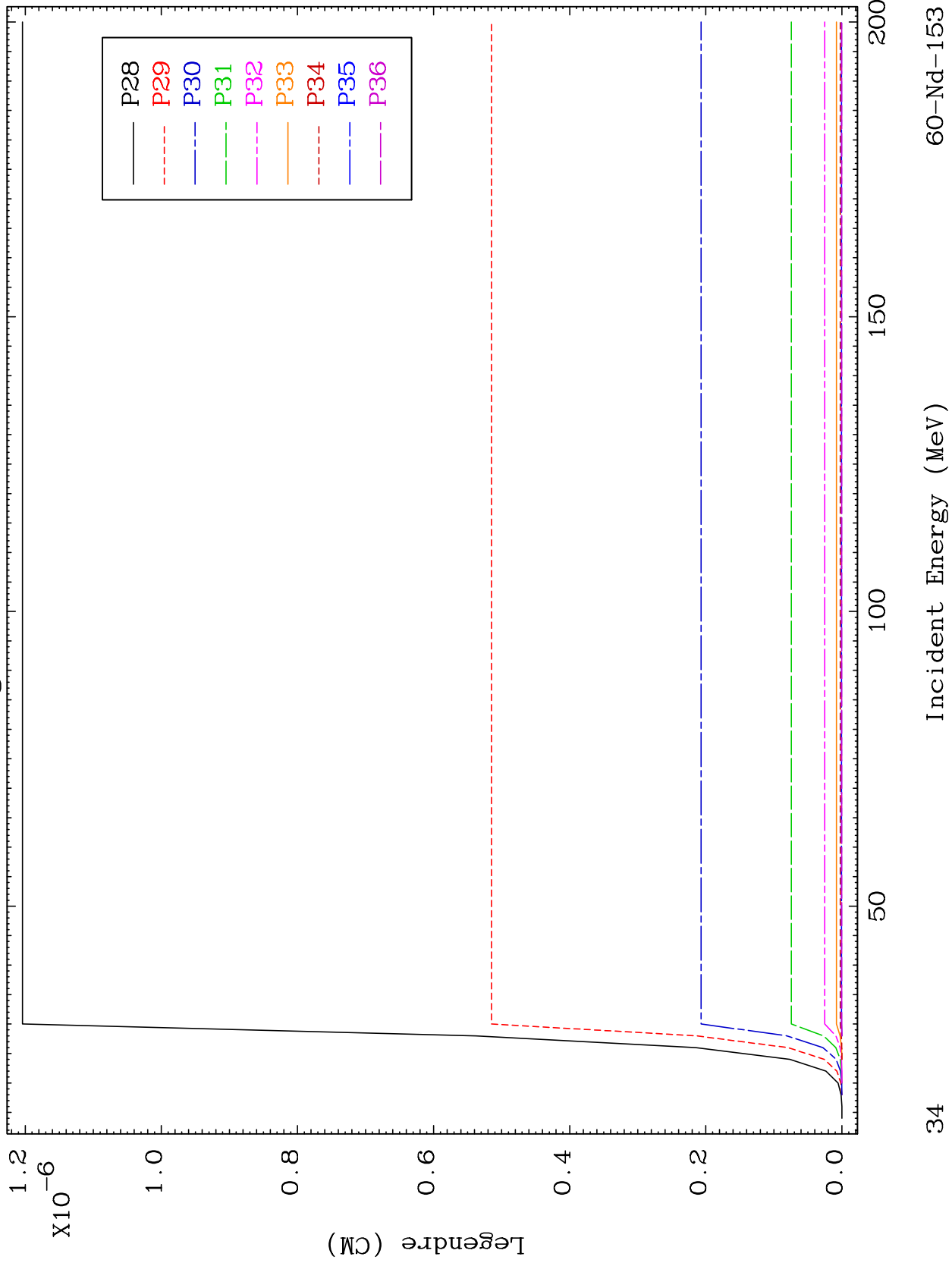
60-Nd-153



MAT 6058

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

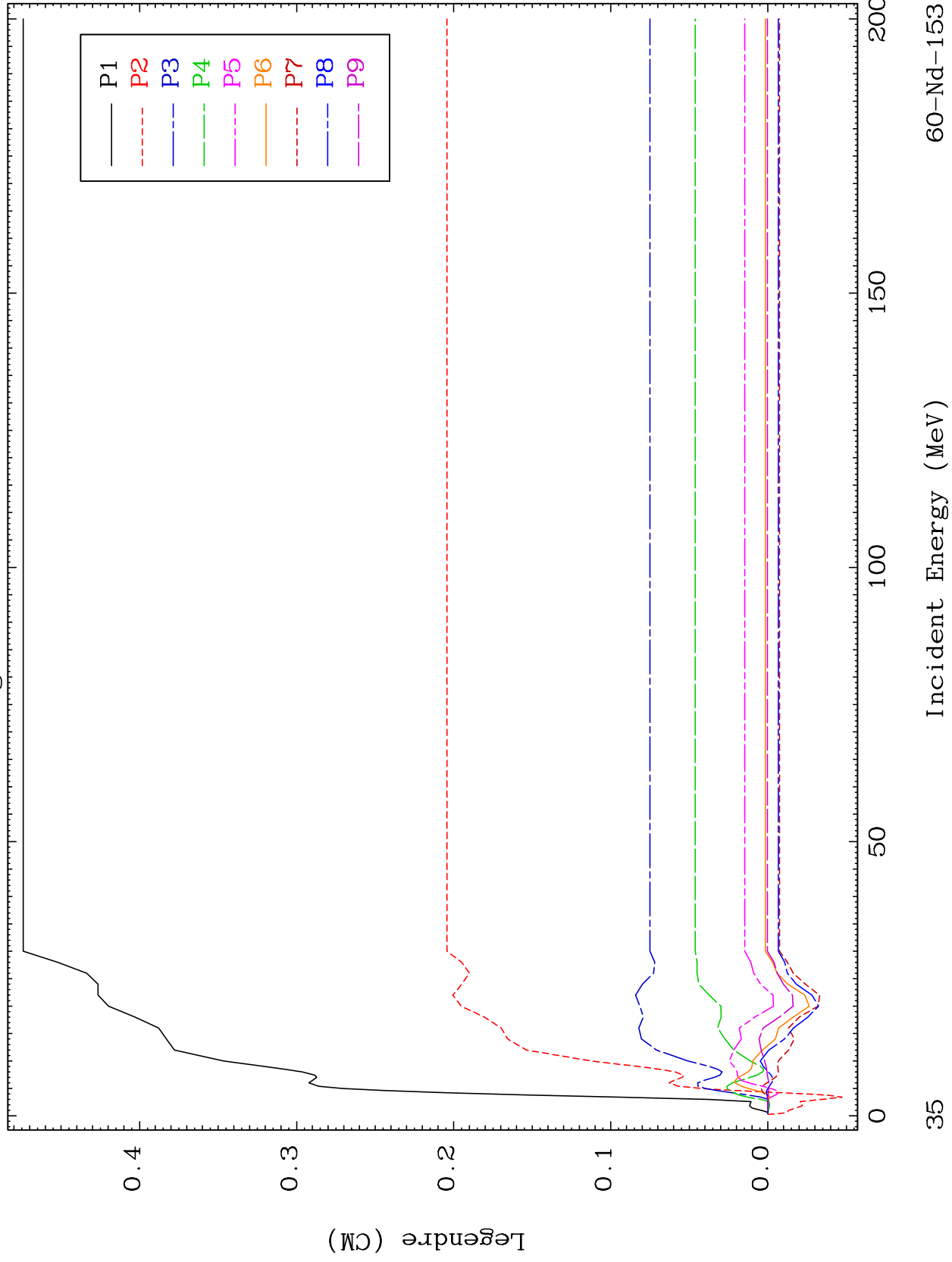
60-Nd-153



MAT 6058

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

60-Nd-153



60-Nd-153

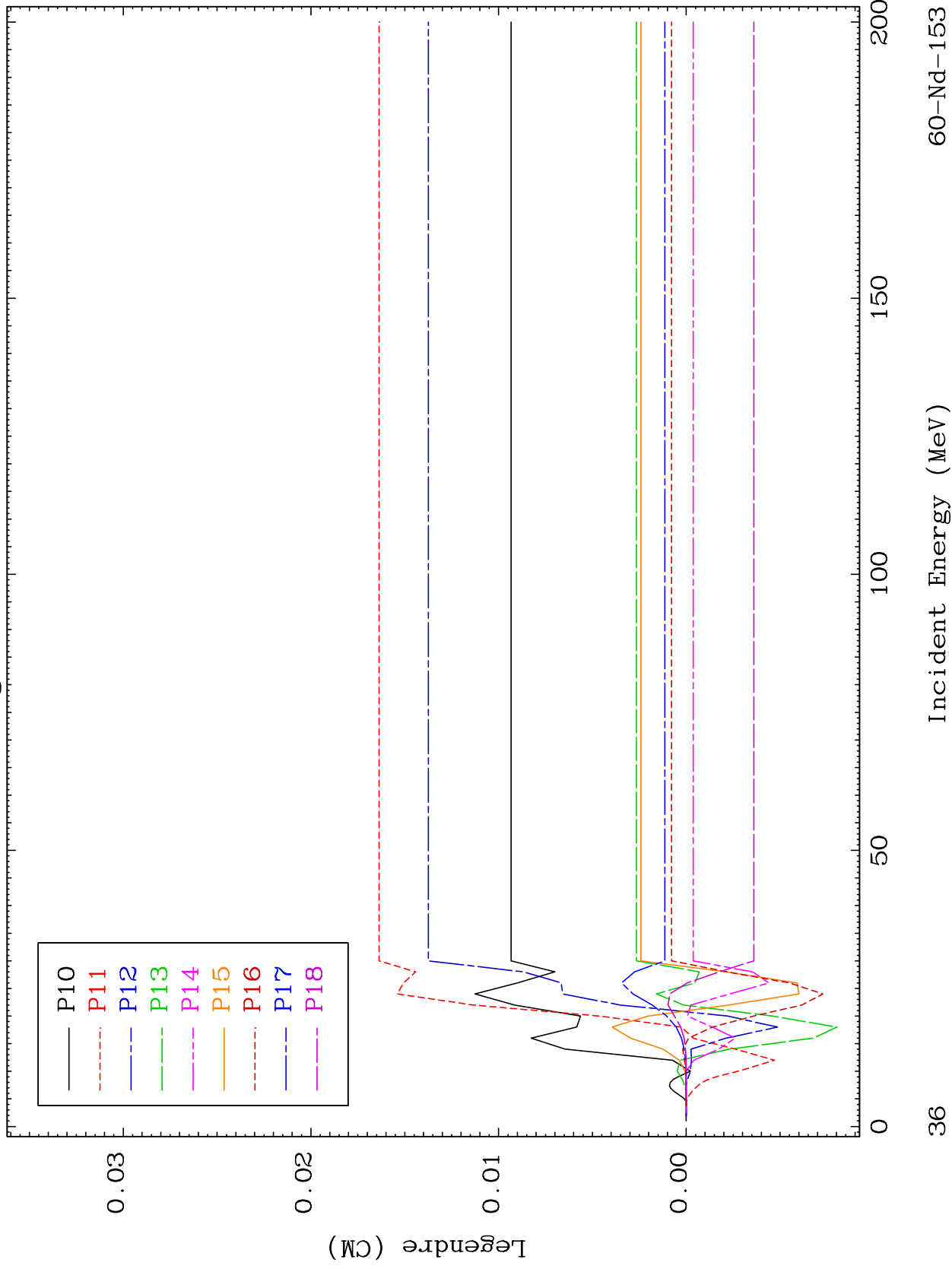
Incident Energy (MeV)

35

MAT 6058

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

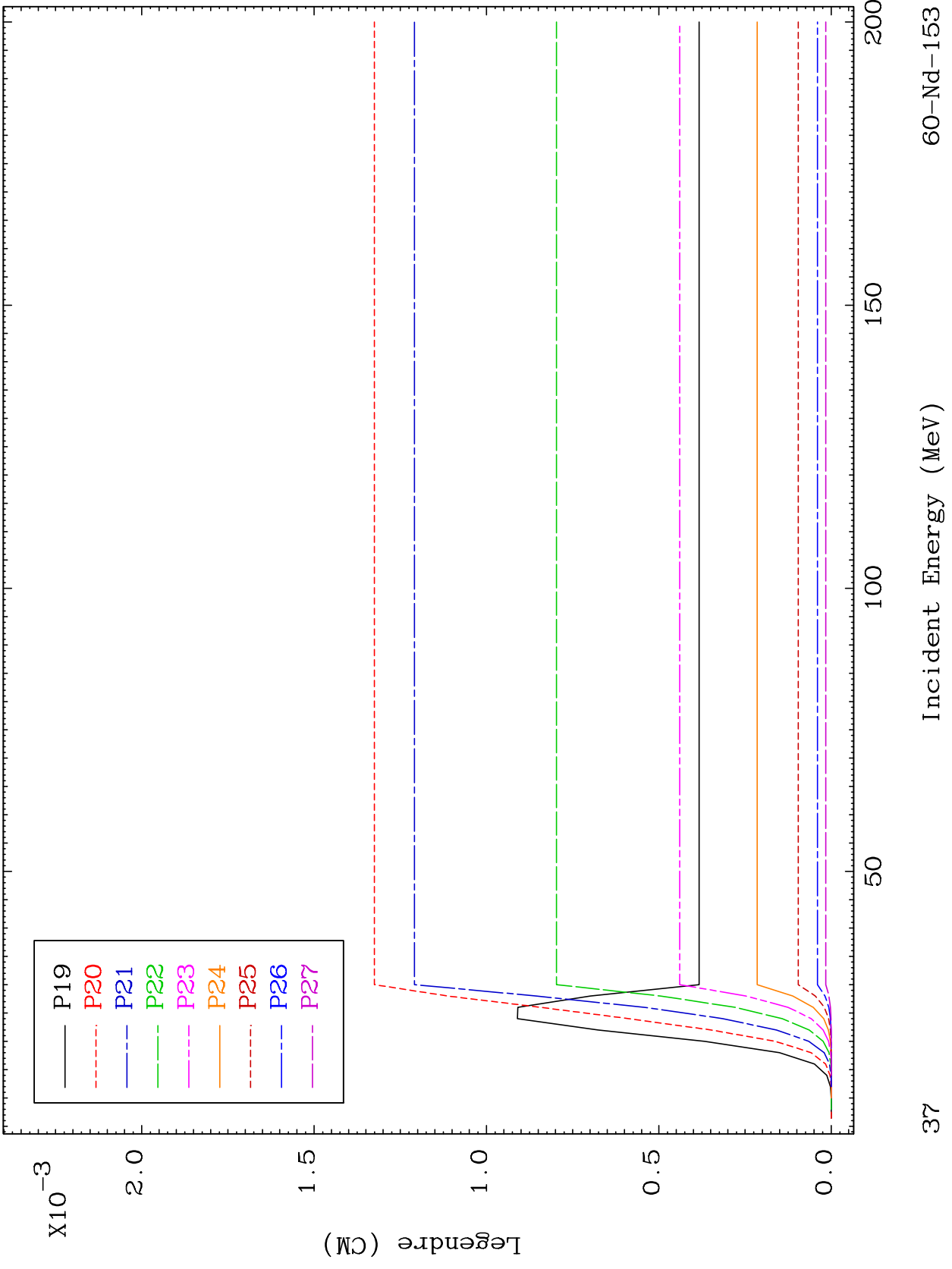
60-Nd-153



36

Incident Energy (MeV)

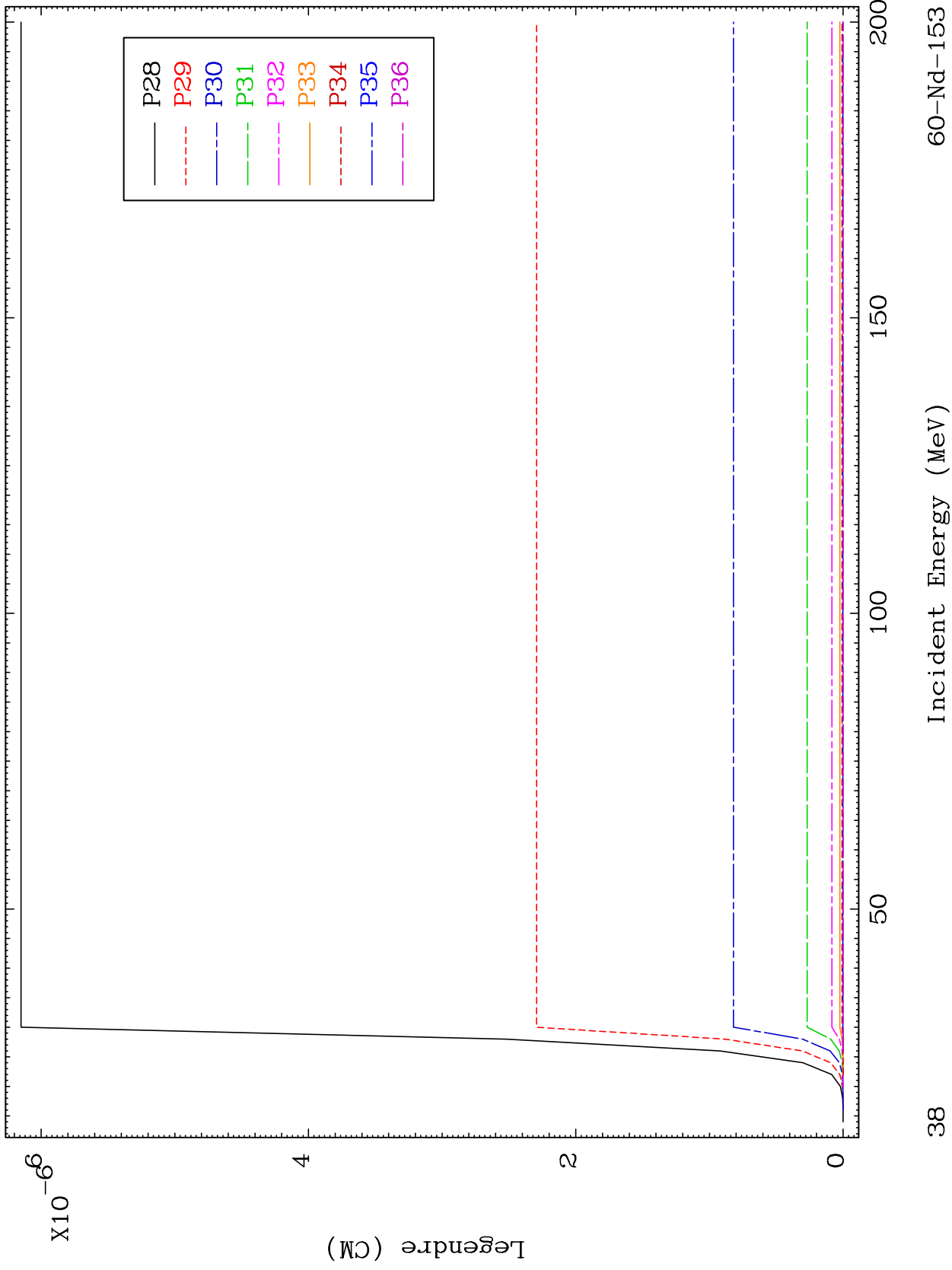
60-Nd-153



MAT 6058

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

60-Nd-153



38

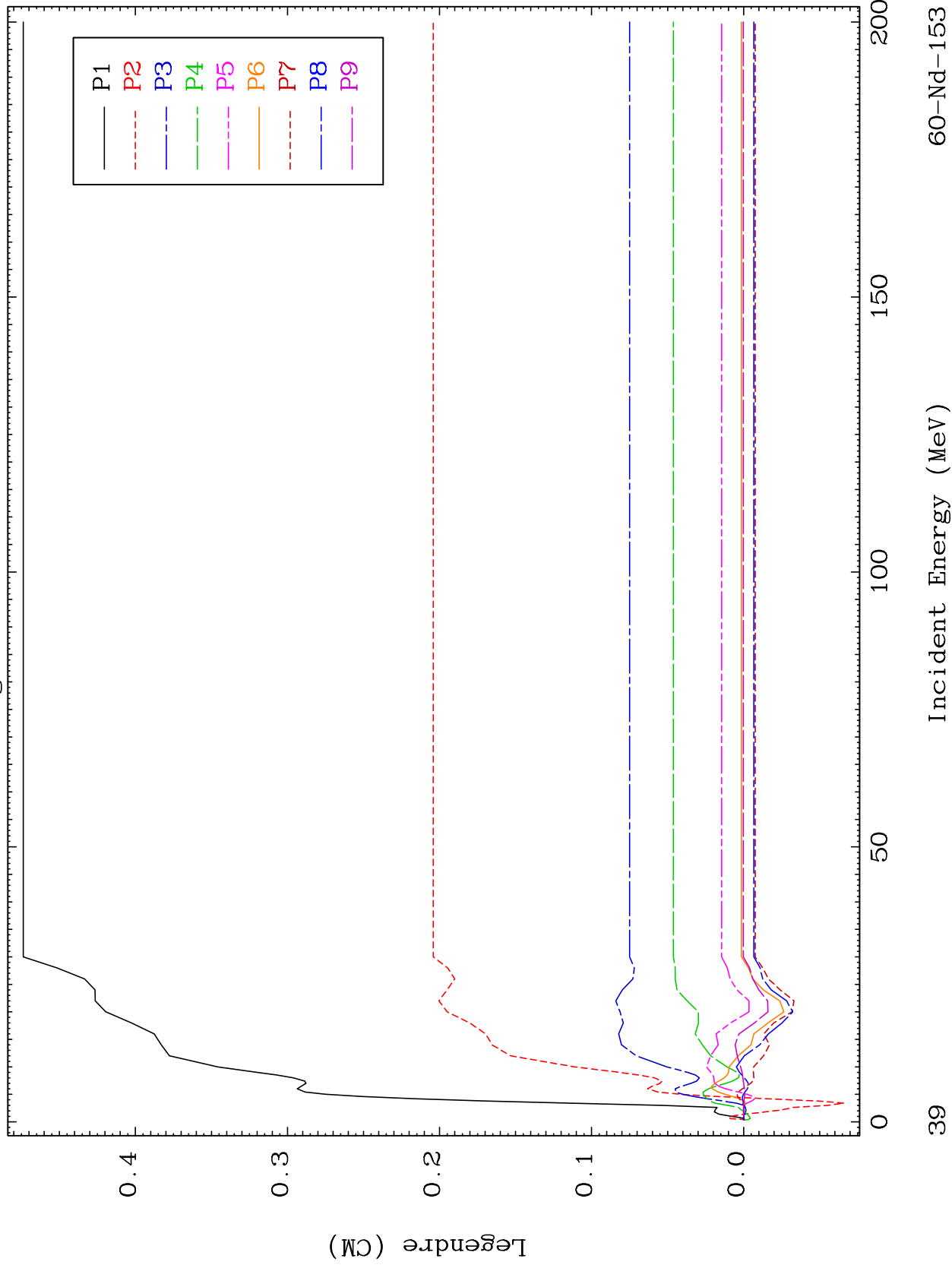
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



60-Nd-153

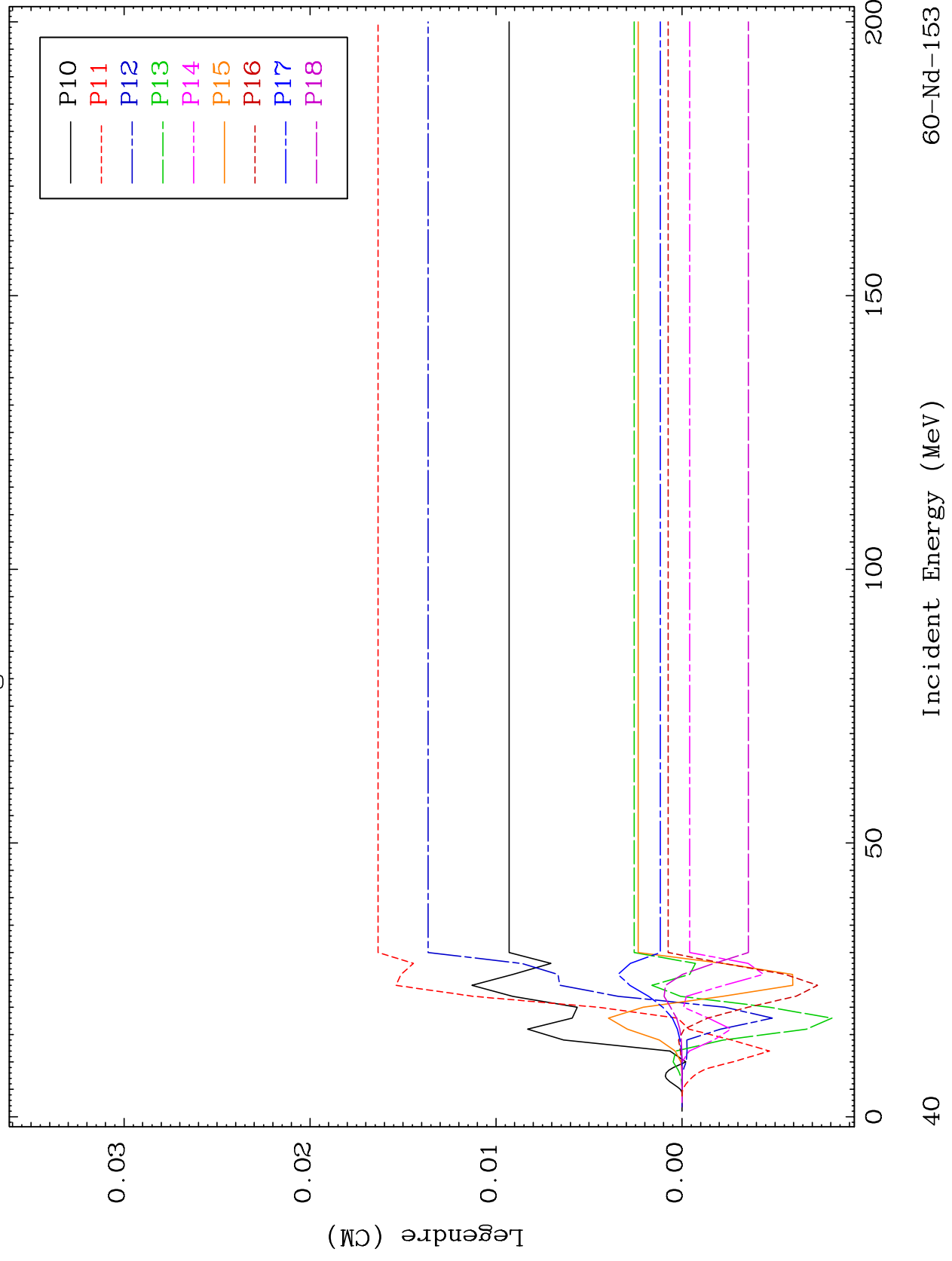
Incident Energy (MeV)

39

MAT 6058

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

60-Nd-153



60-Nd-153

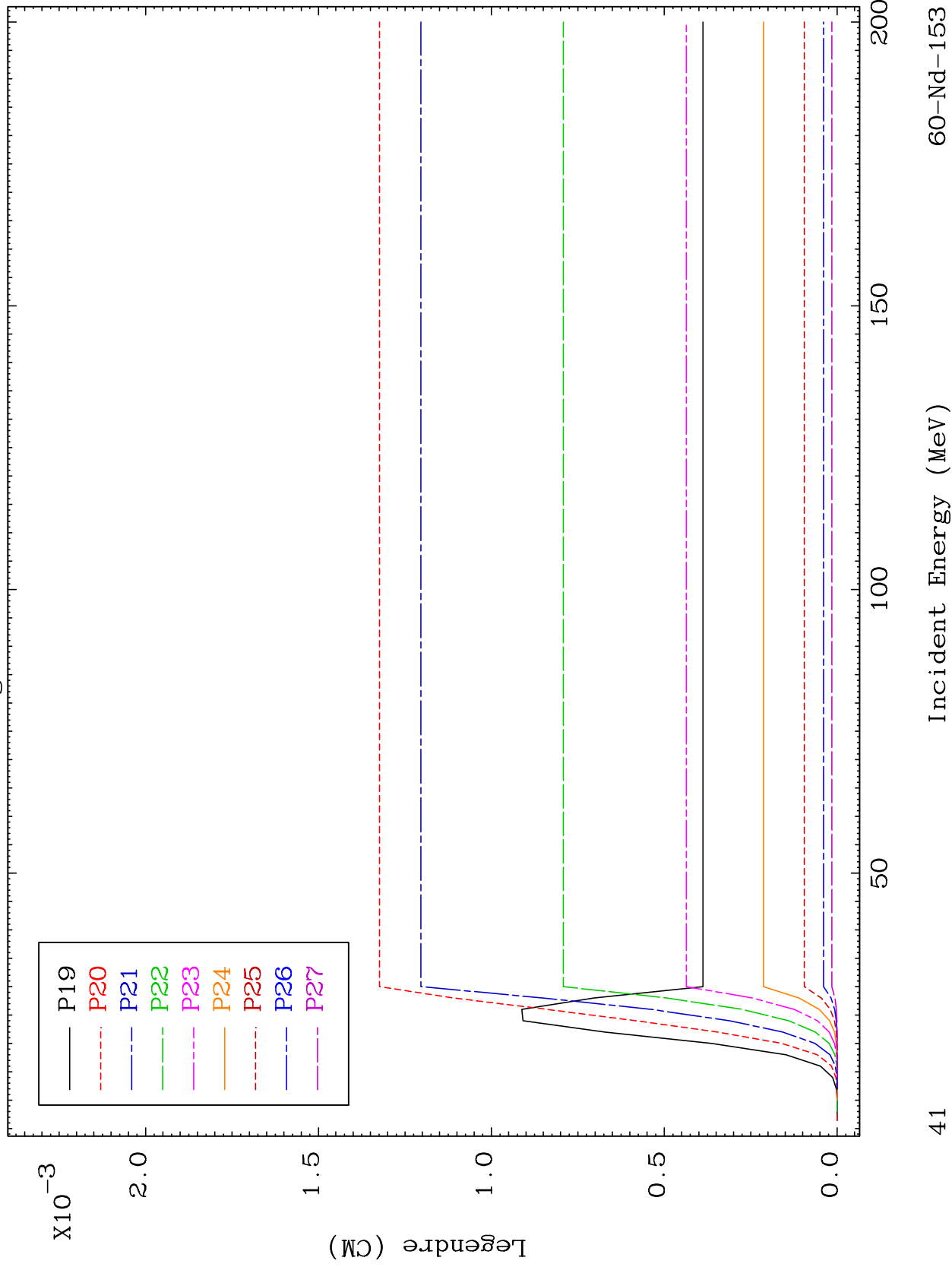
Incident Energy (MeV)

40

MAT 6058

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

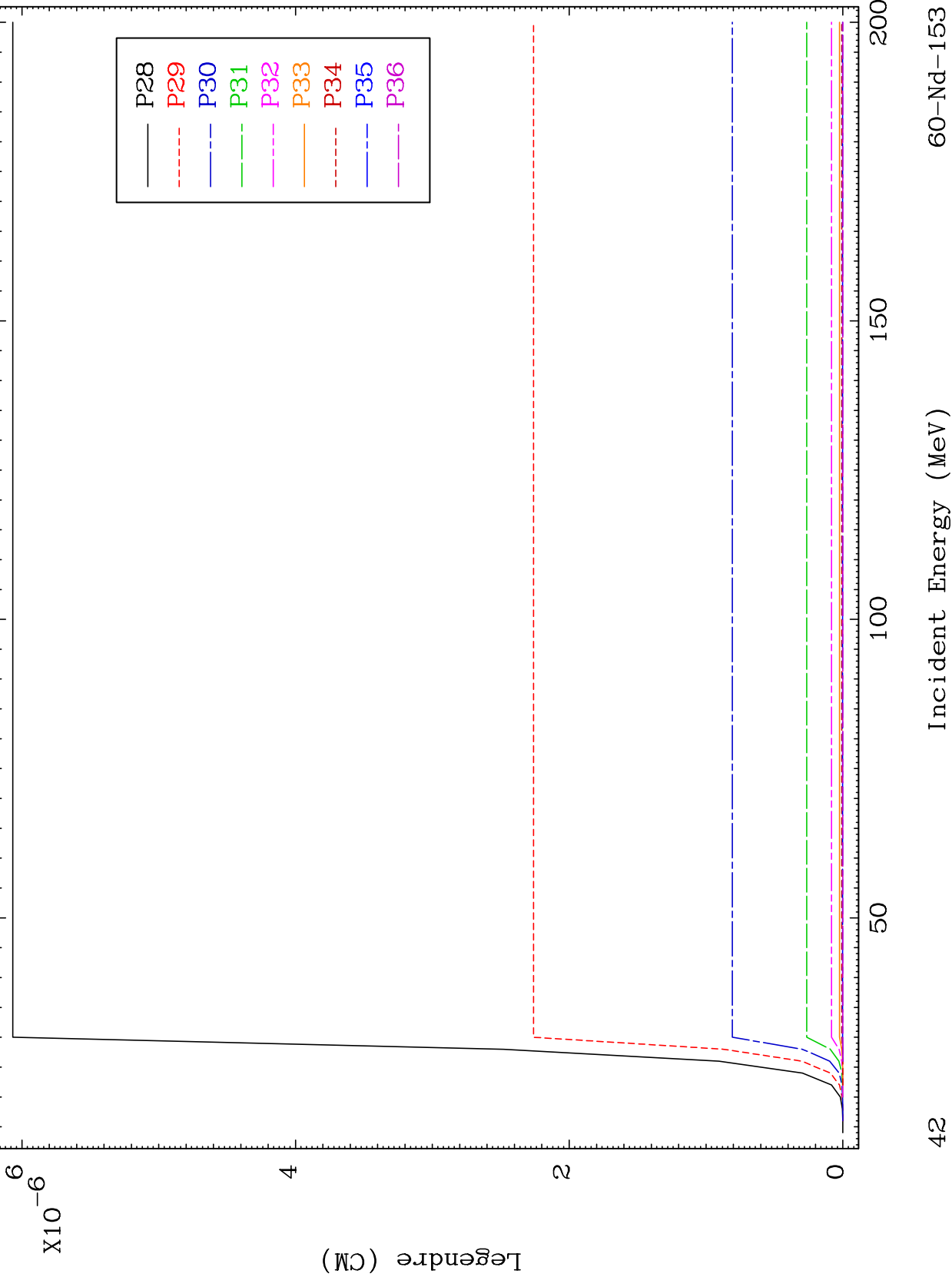
60-Nd-153



MAT 6058

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

60-Nd-153



42

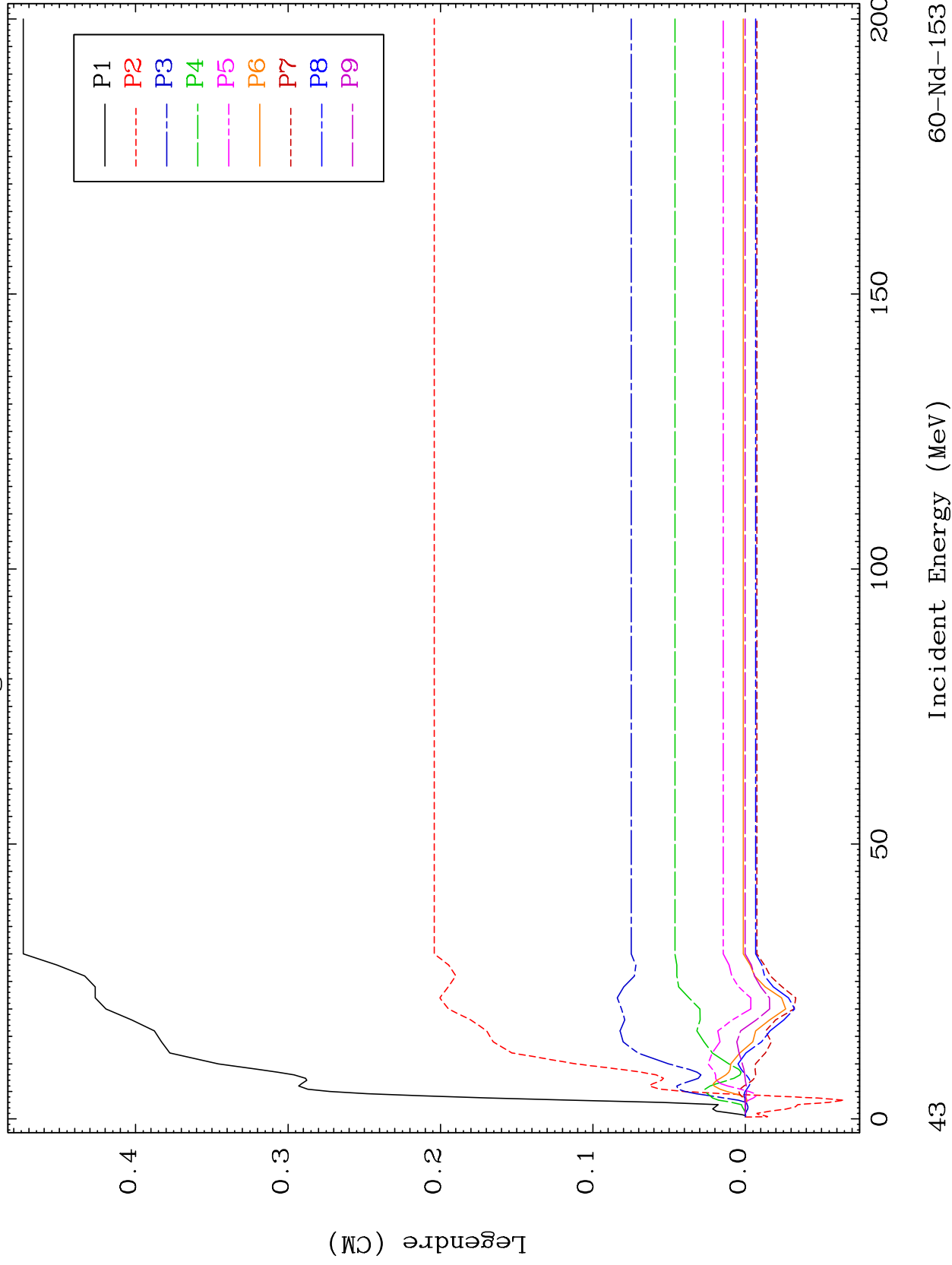
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



60-Nd-153

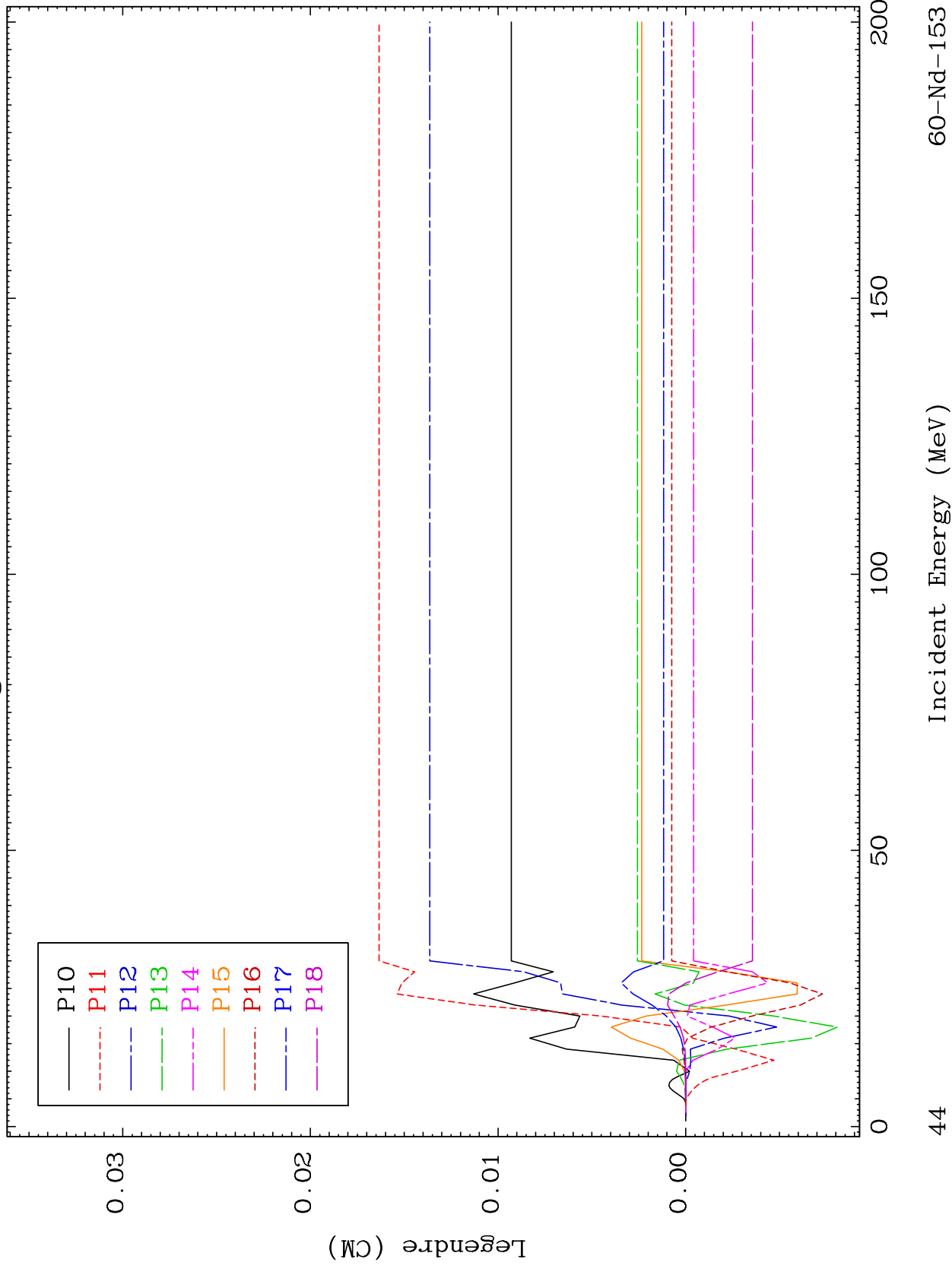
Incident Energy (MeV)

43

MAT 6058

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

60-Nd-153



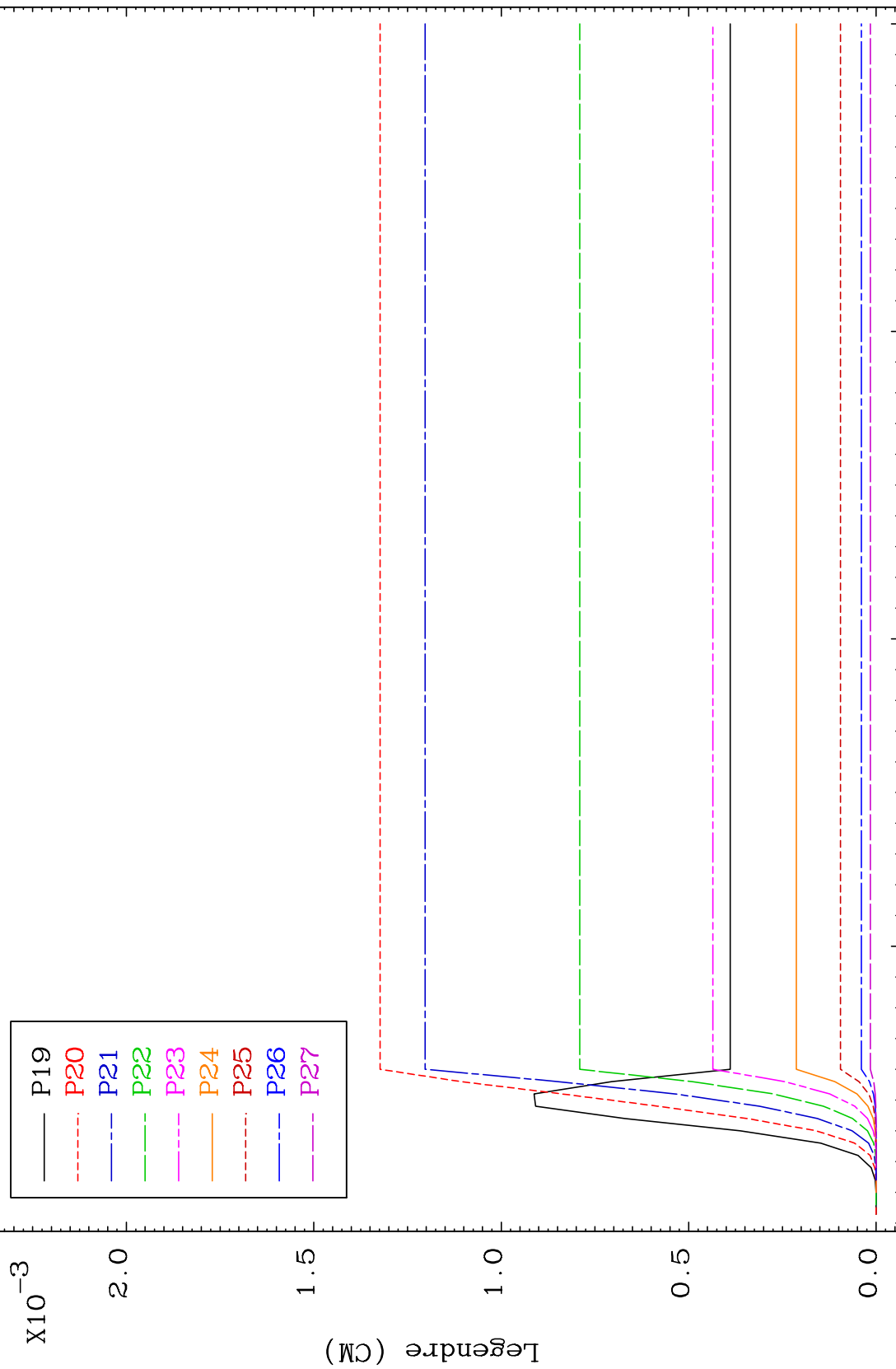
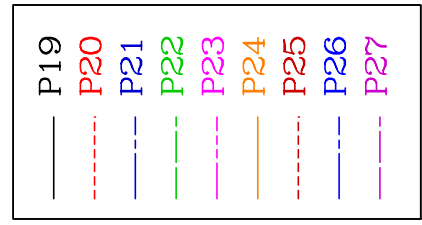
44

60-Nd-153

MAT 6058

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

60-Nd-153



45

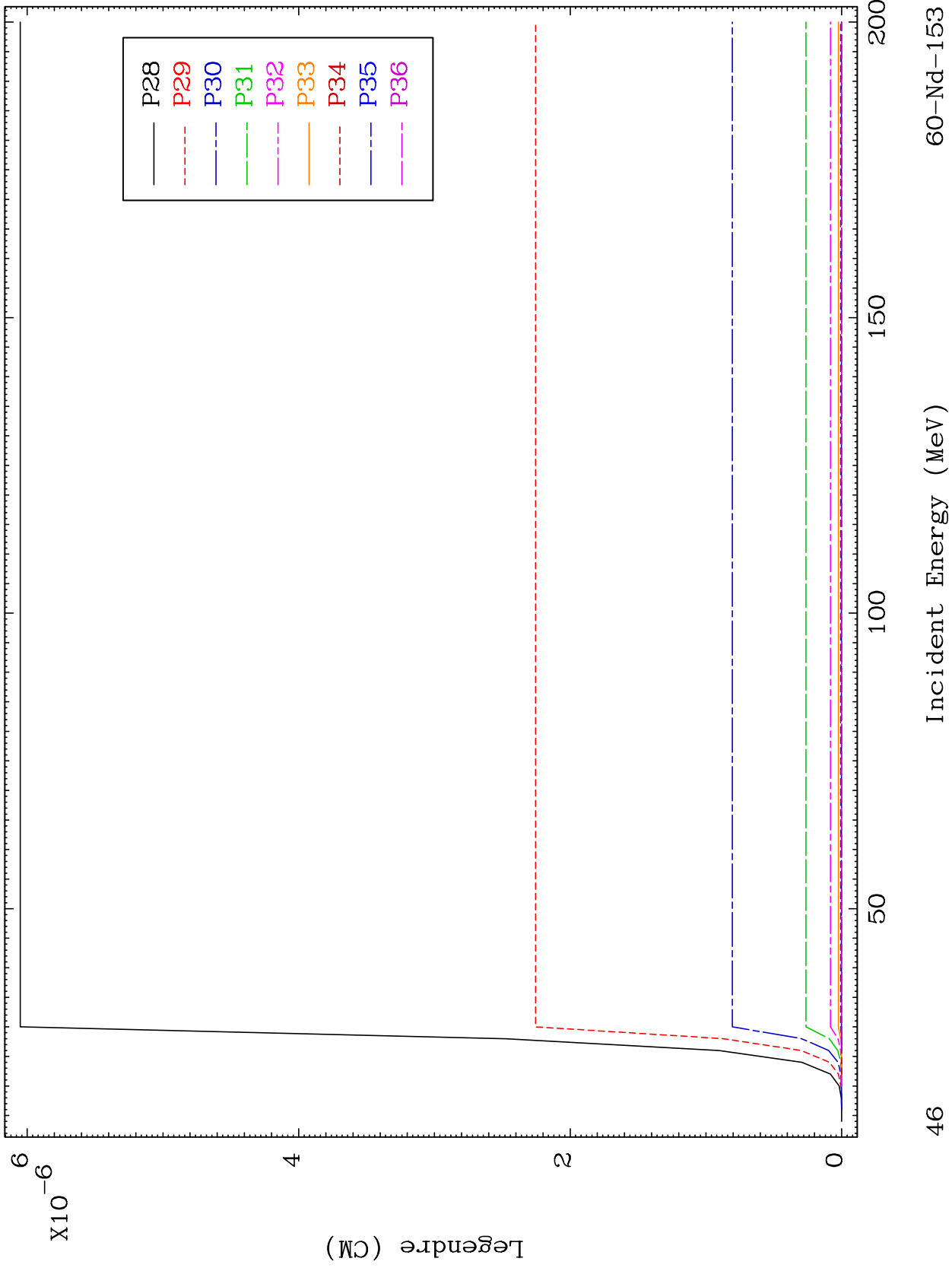
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153

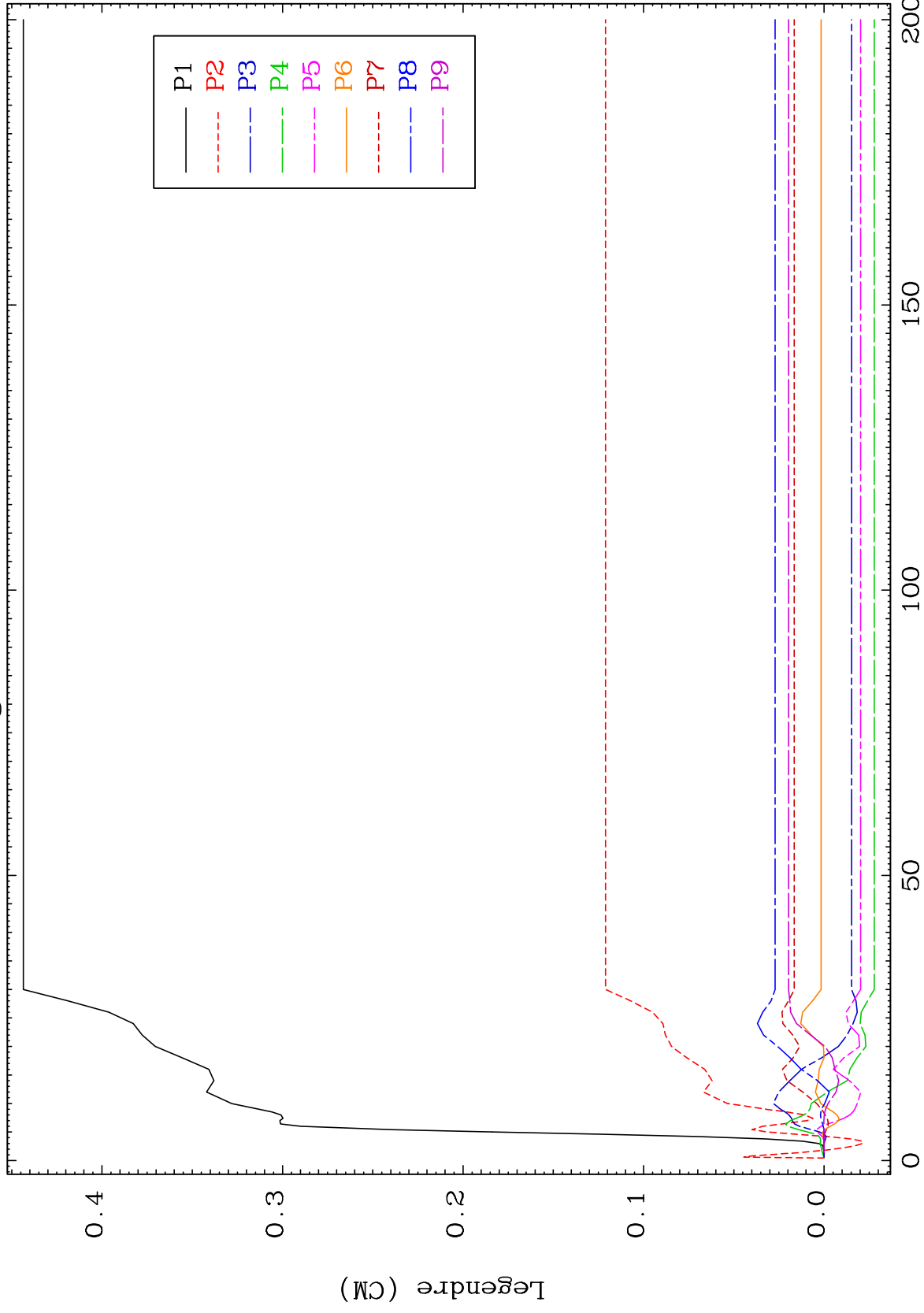


MAT 6058

MT= 58 (n,n') Level

60-Nd-153

Legendre Coefficients



47

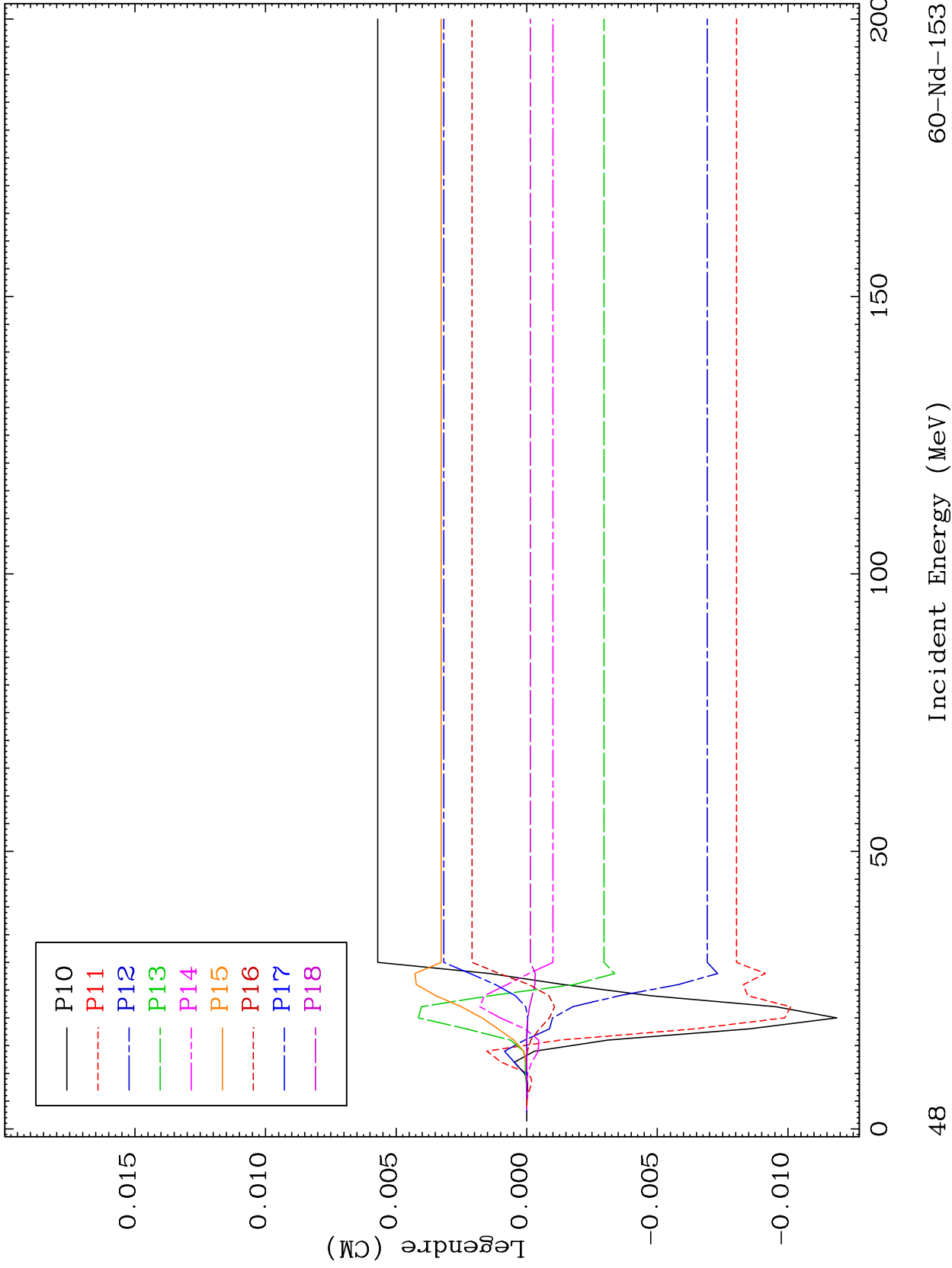
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



48

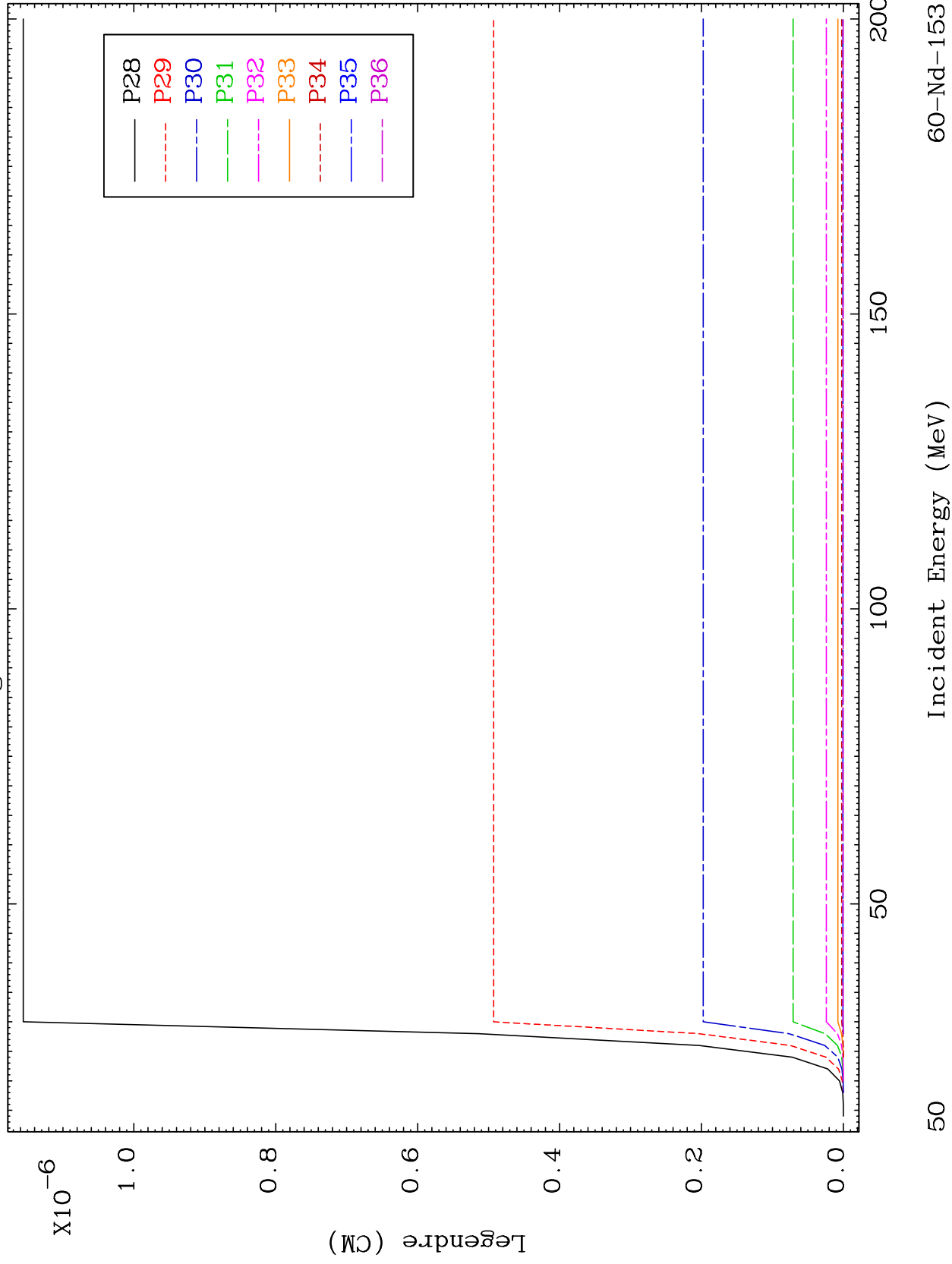
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

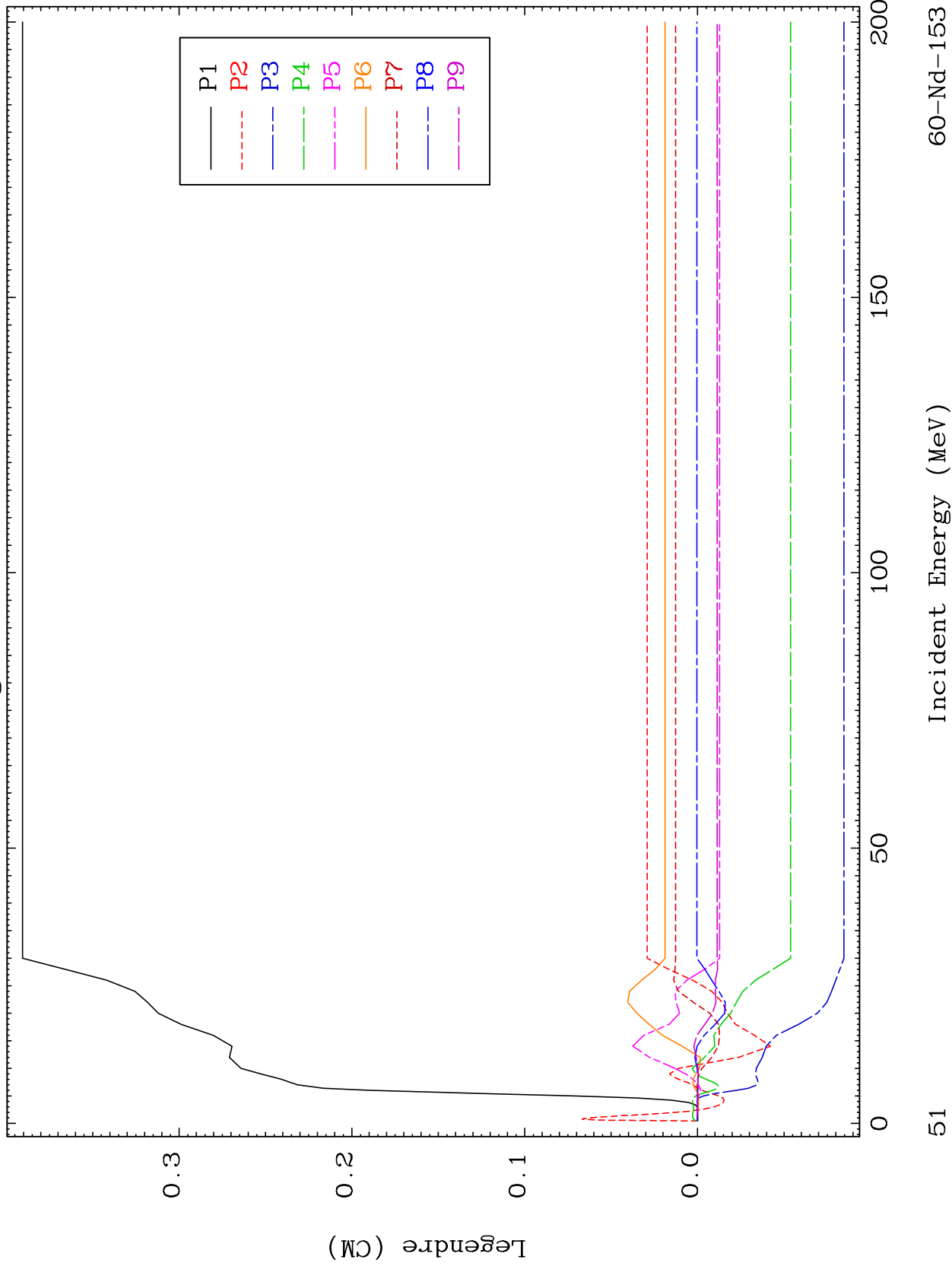
60-Nd-153



MAT 6058

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

60-Nd-153



60-Nd-153

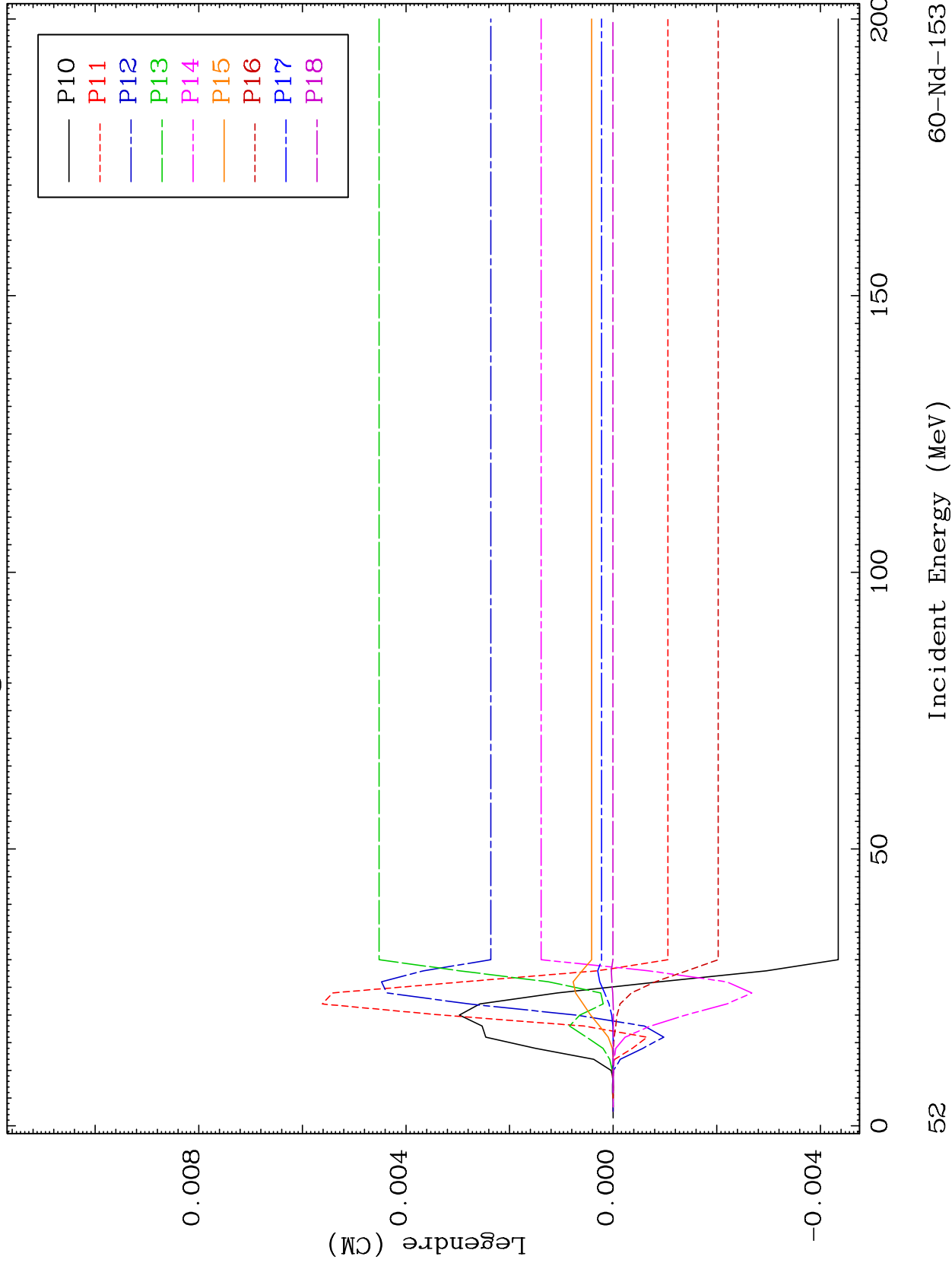
Incident Energy (MeV)

51

MAT 6058

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

60-Nd-153



60-Nd-153

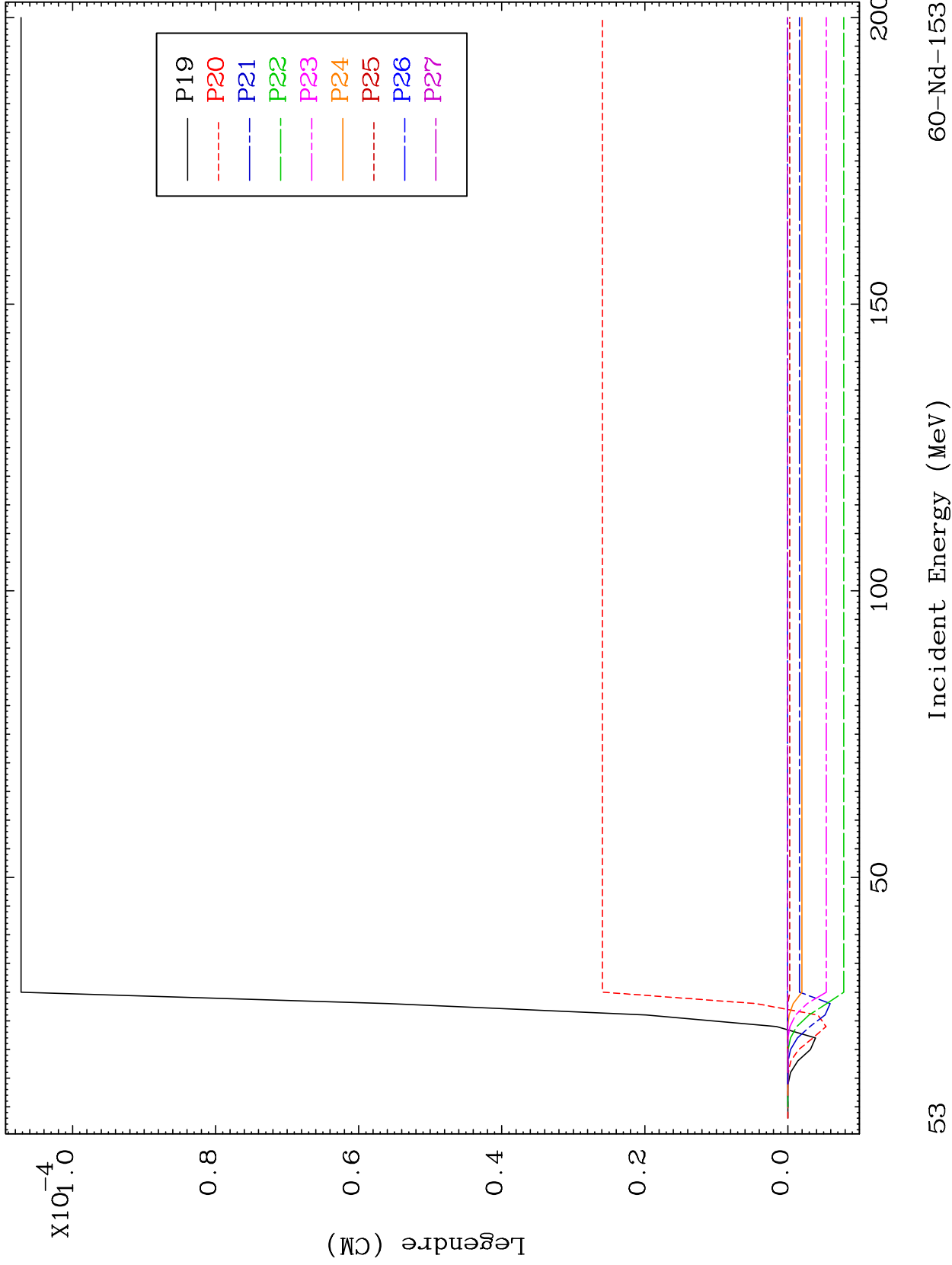
Incident Energy (MeV)

52

MAT 6058

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

60-Nd-153



53

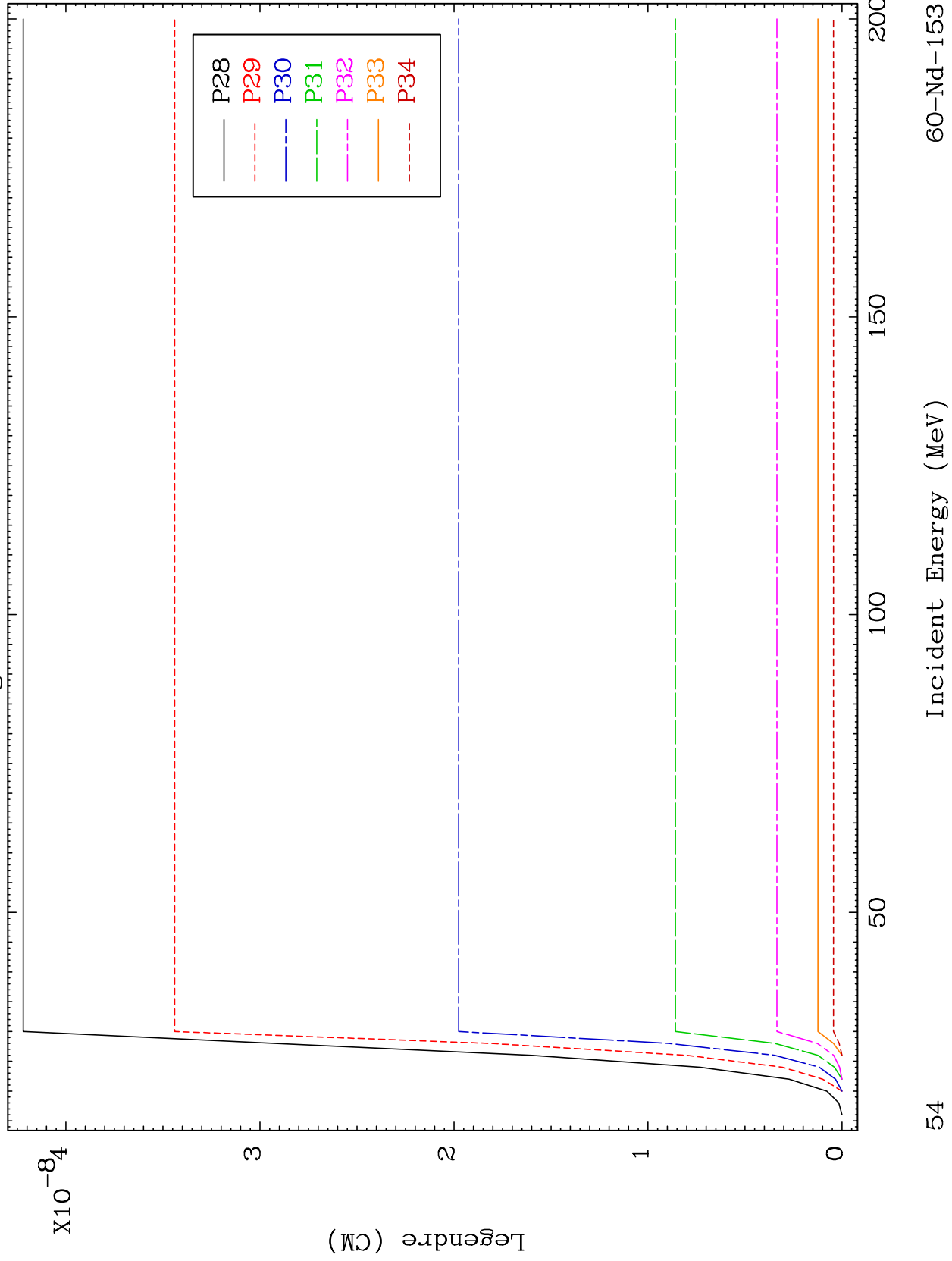
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

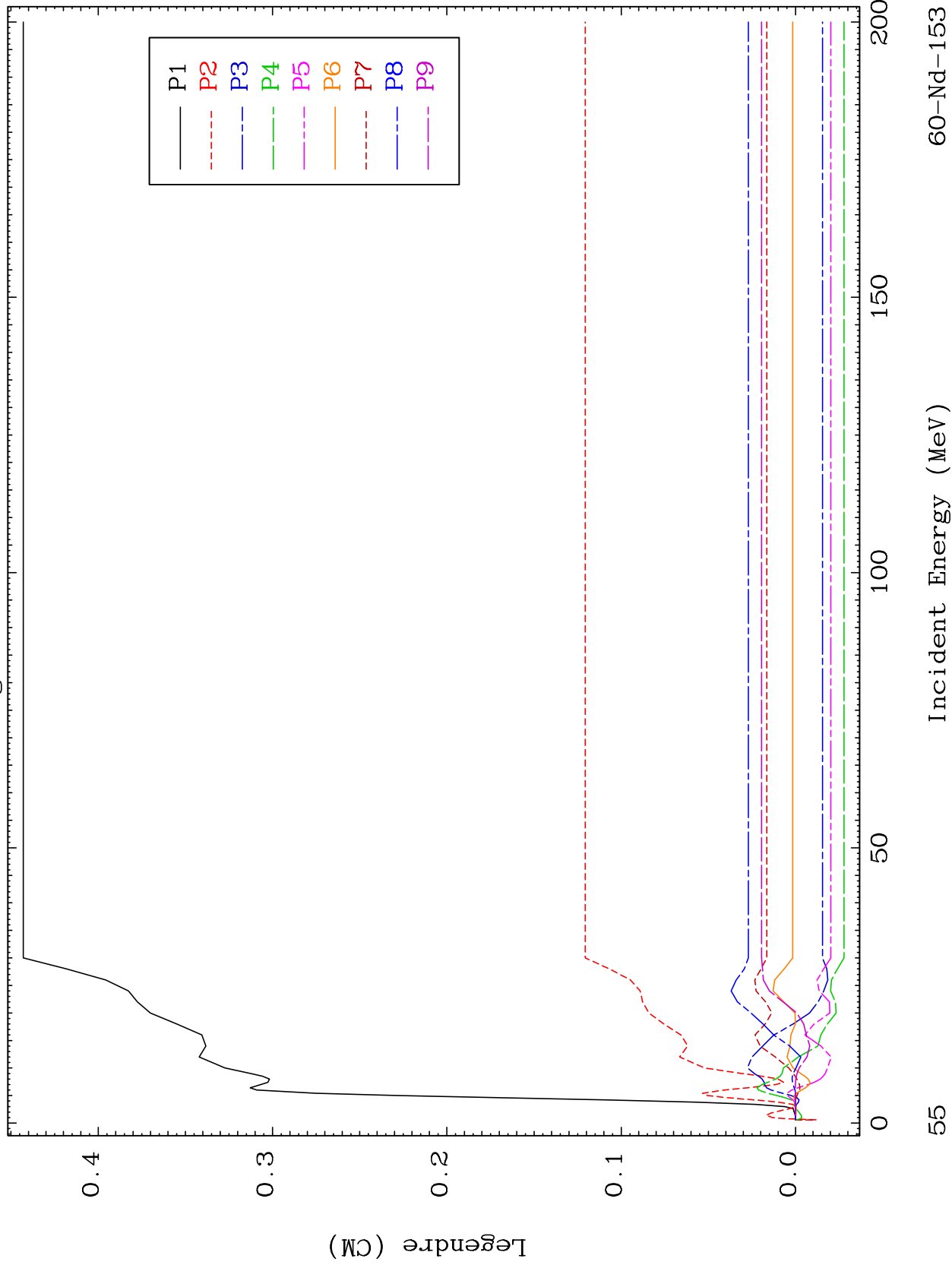
60-Nd-153



MAT 6058

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

60-Nd-153



60-Nd-153

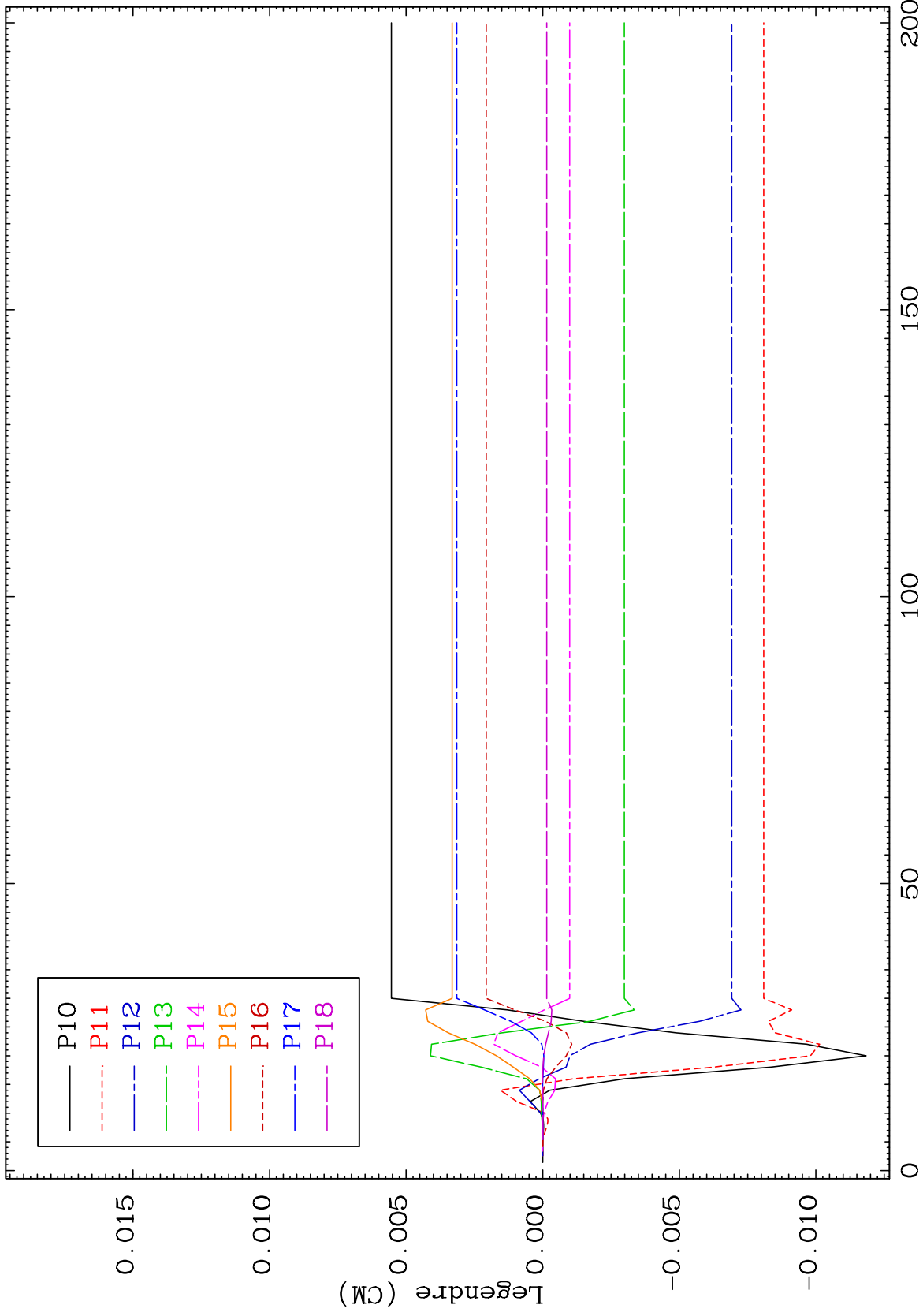
Incident Energy (MeV)

55

MAT 6058

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

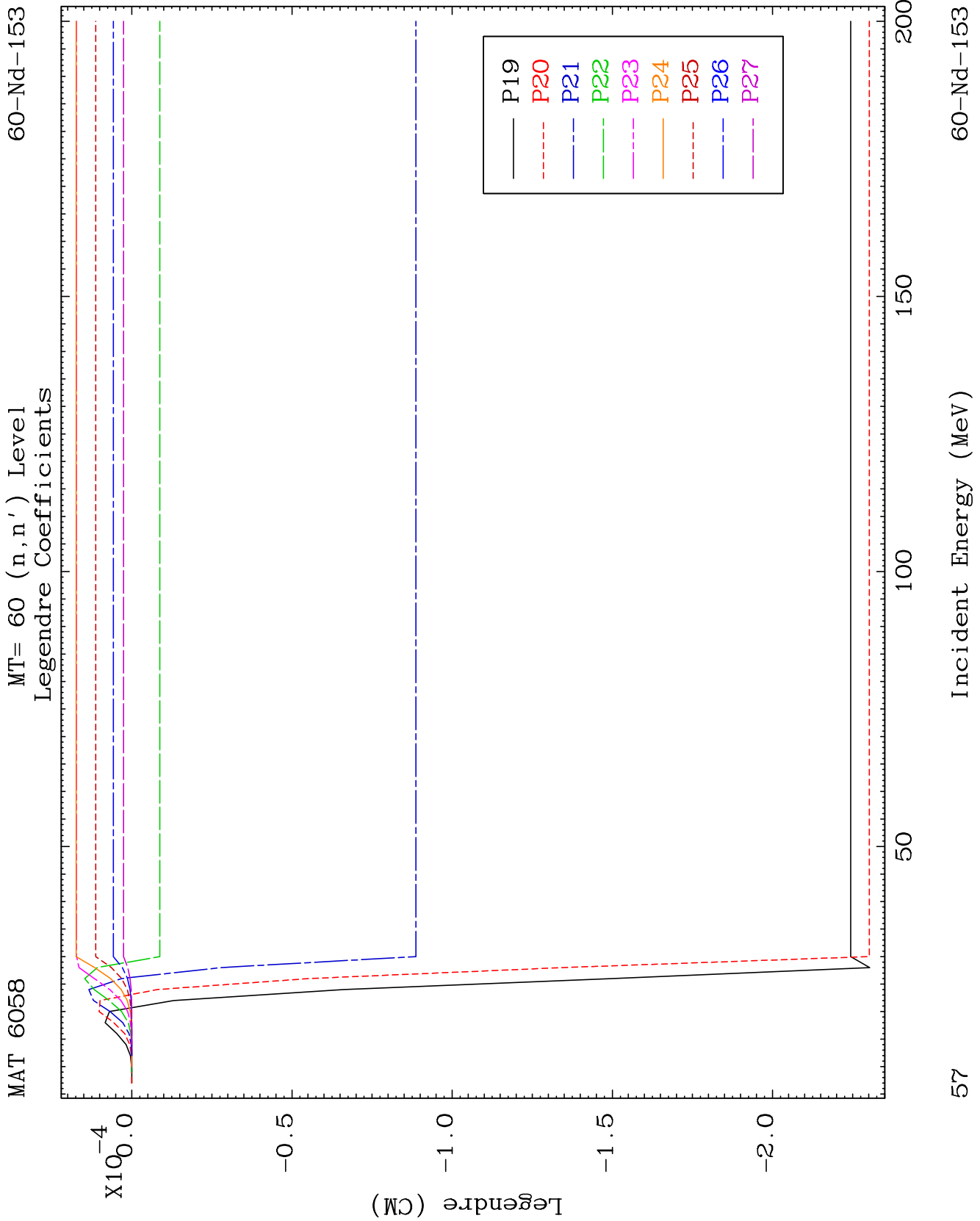
60-Nd-153



56

Incident Energy (MeV)

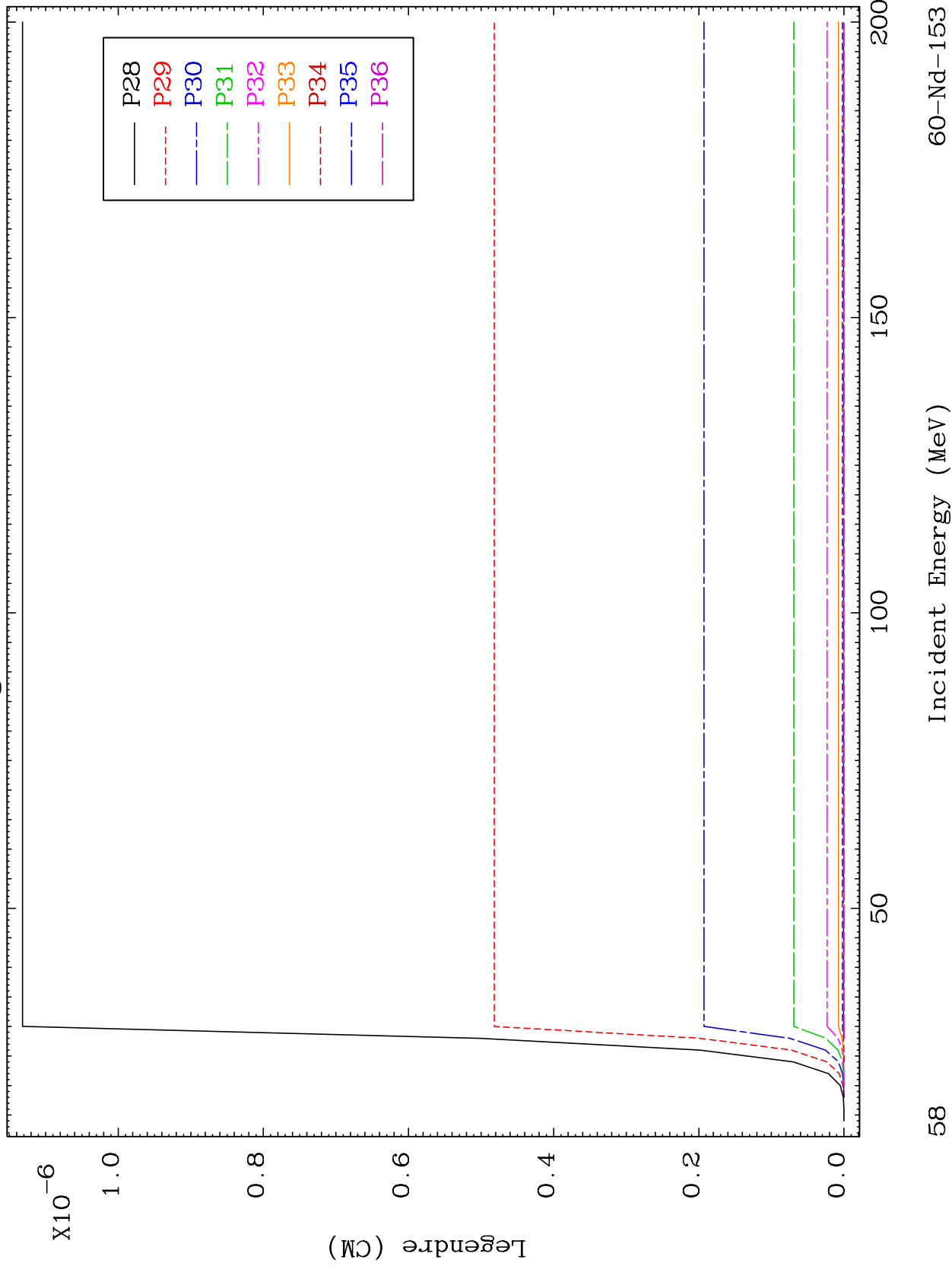
60-Nd-153



MAT 6058

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

60-Nd-153



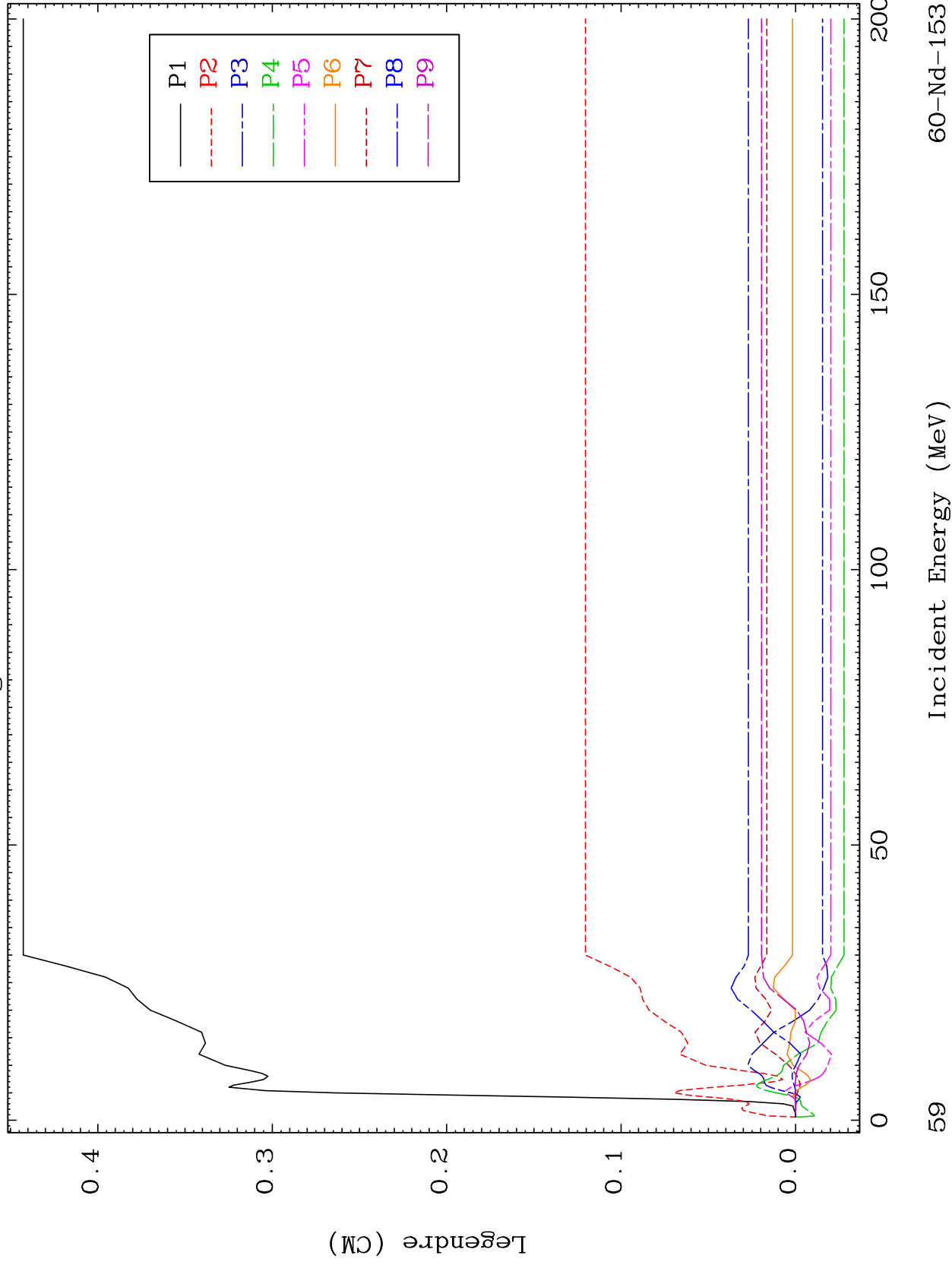
58

60-Nd-153

MAT 6058

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

60-Nd-153



60-Nd-153

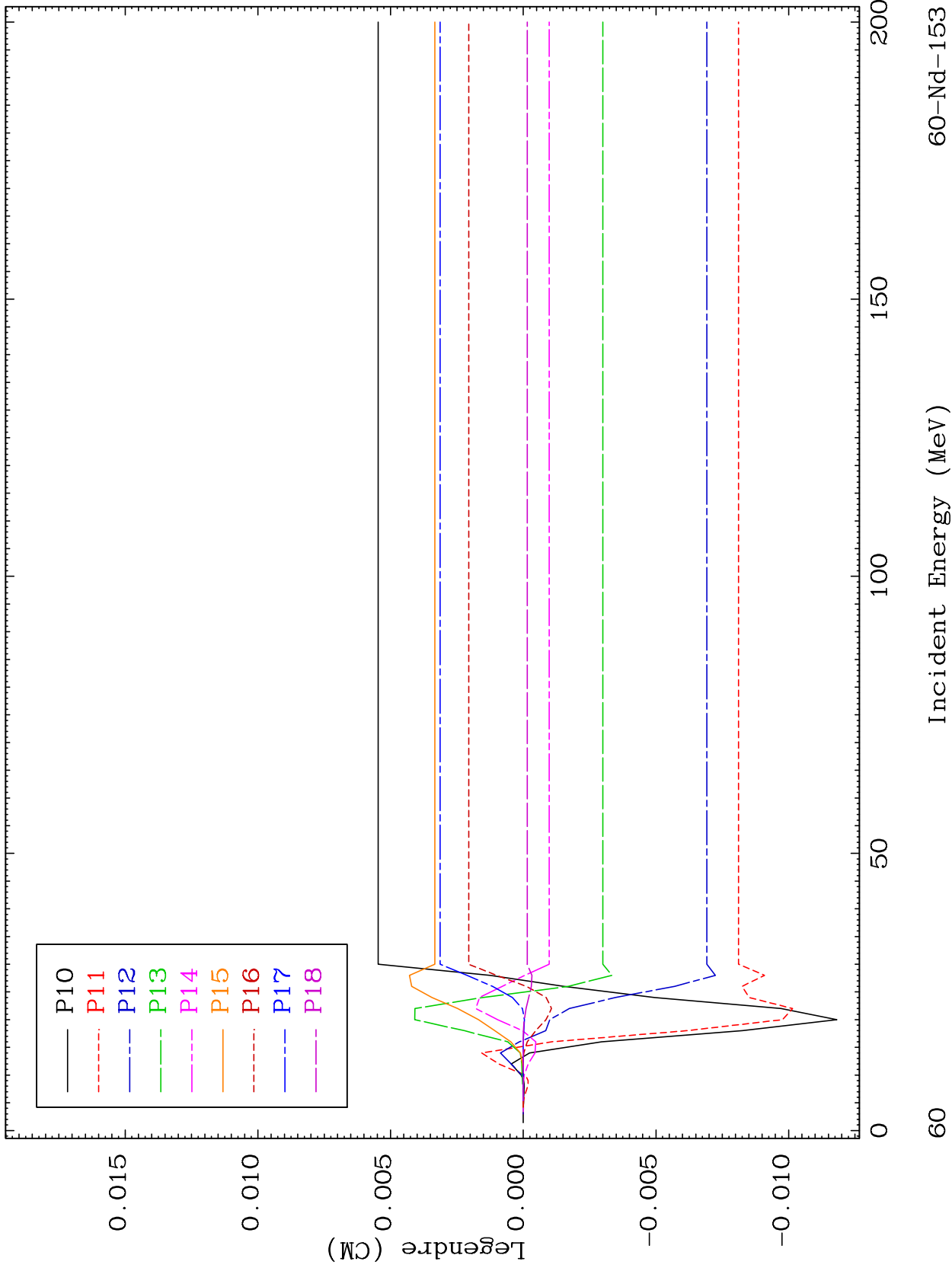
Incident Energy (MeV)

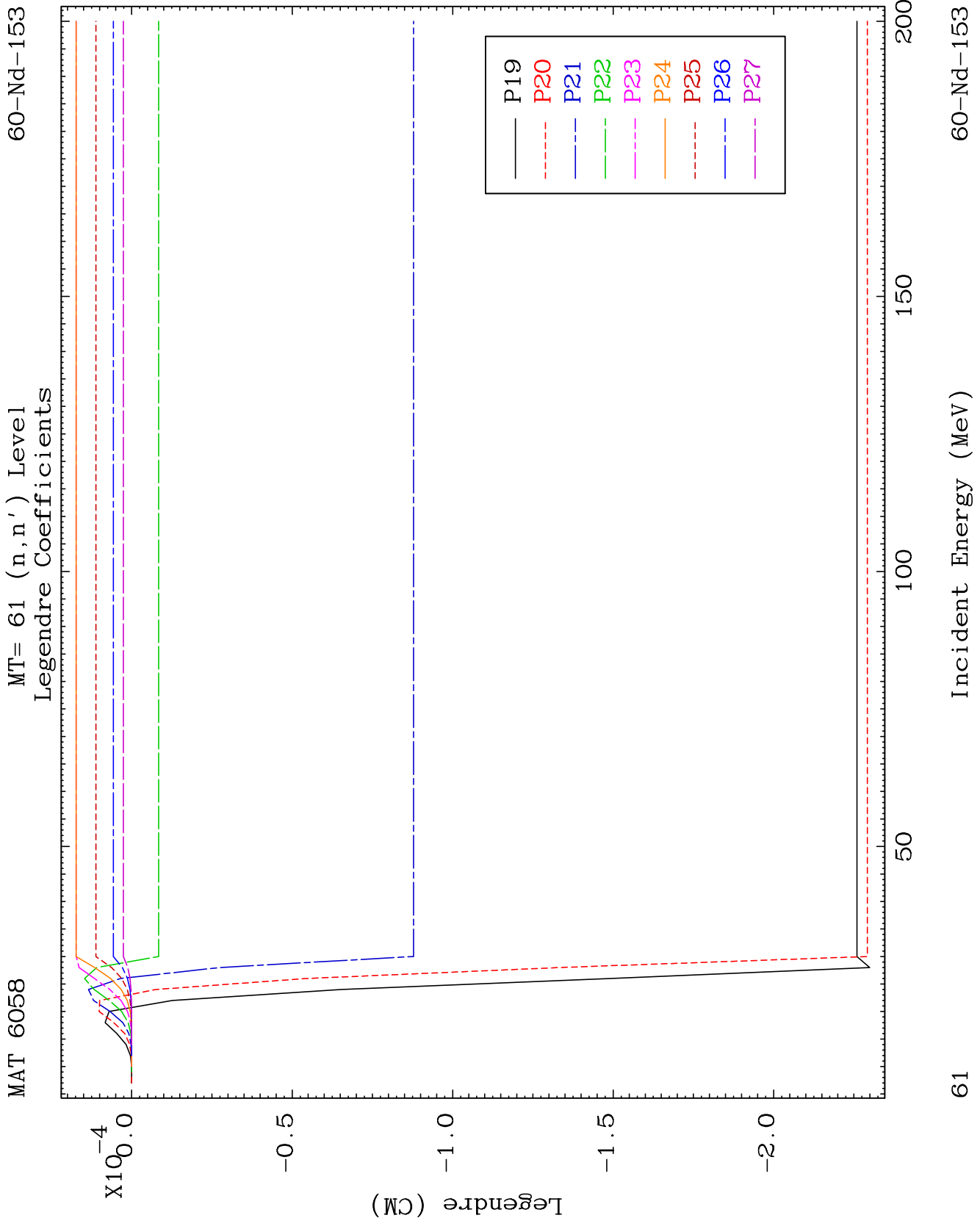
59

MAT 6058

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

60-Nd-153

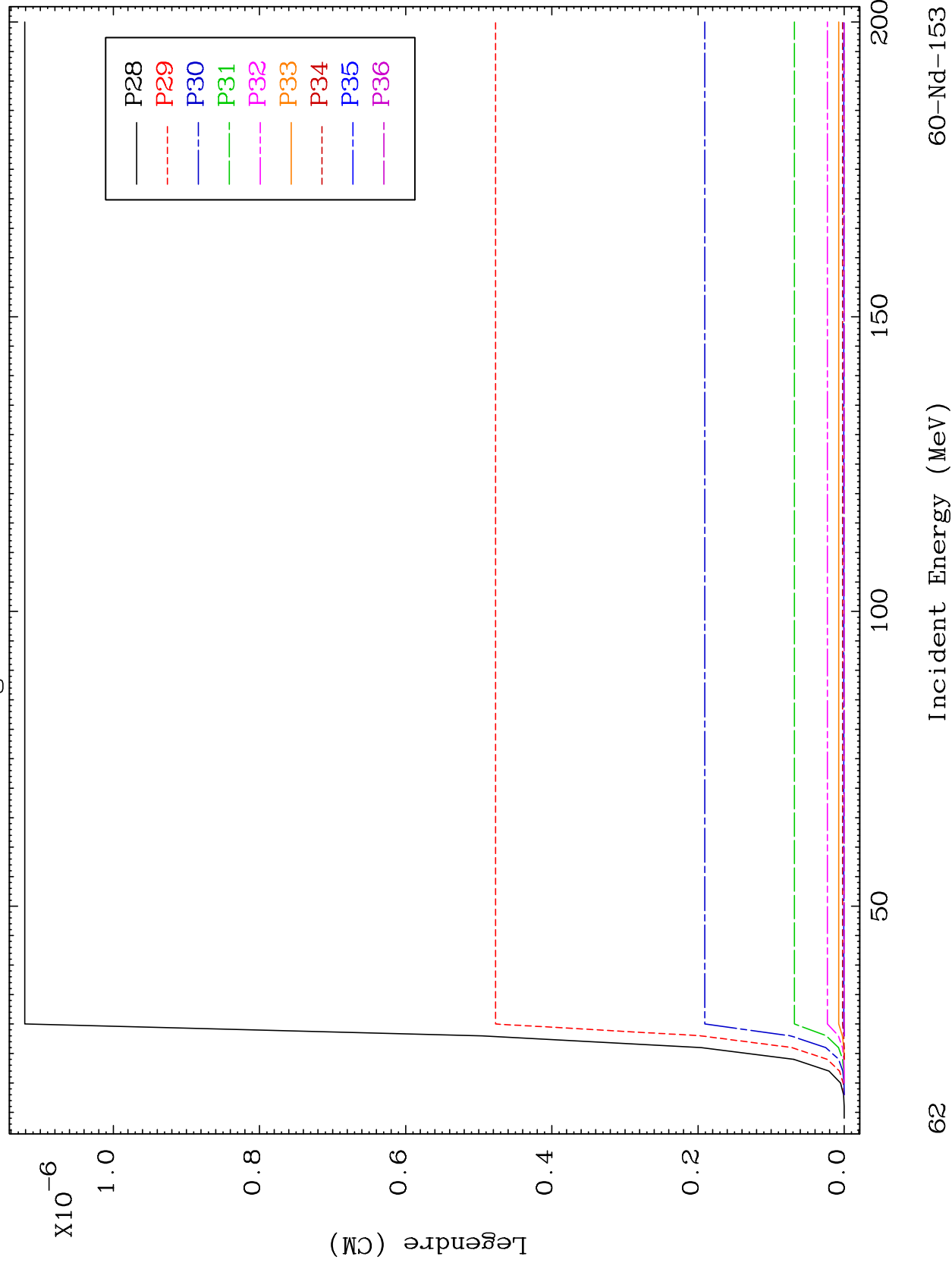




MAT 6058

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

60-Nd-153



62

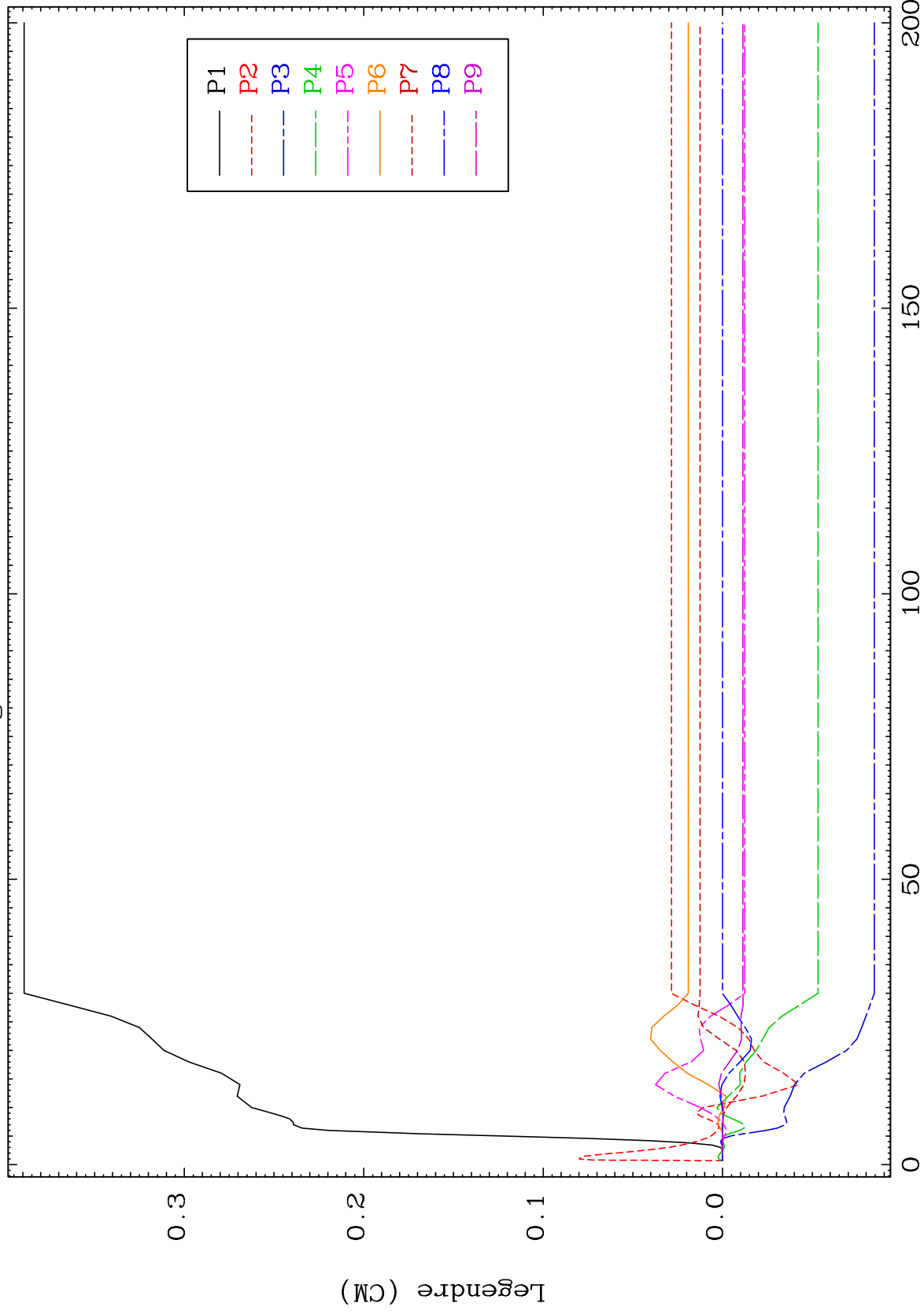
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



60-Nd-153

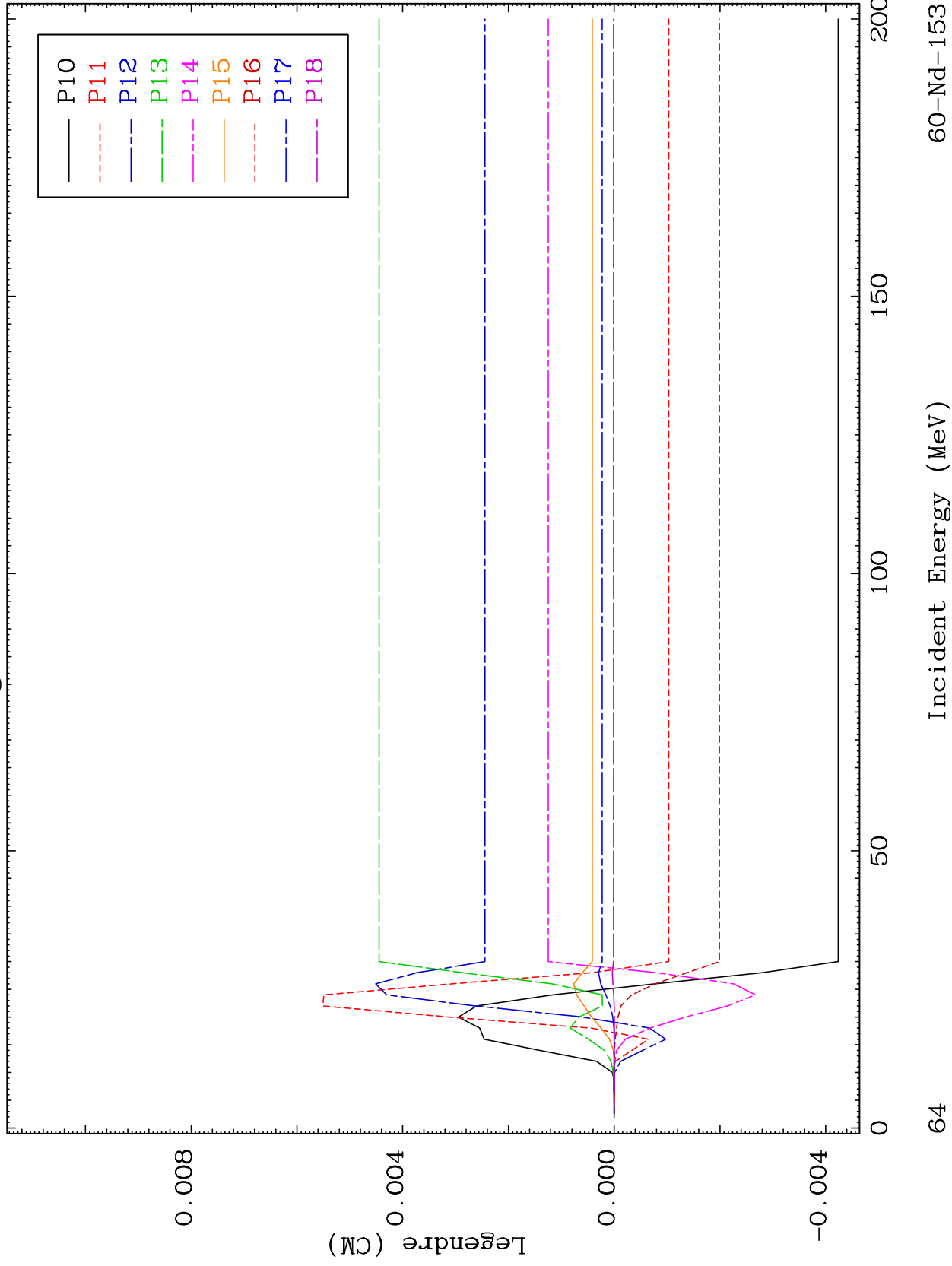
Incident Energy (MeV)

63

MAT 6058

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

60-Nd-153



60-Nd-153

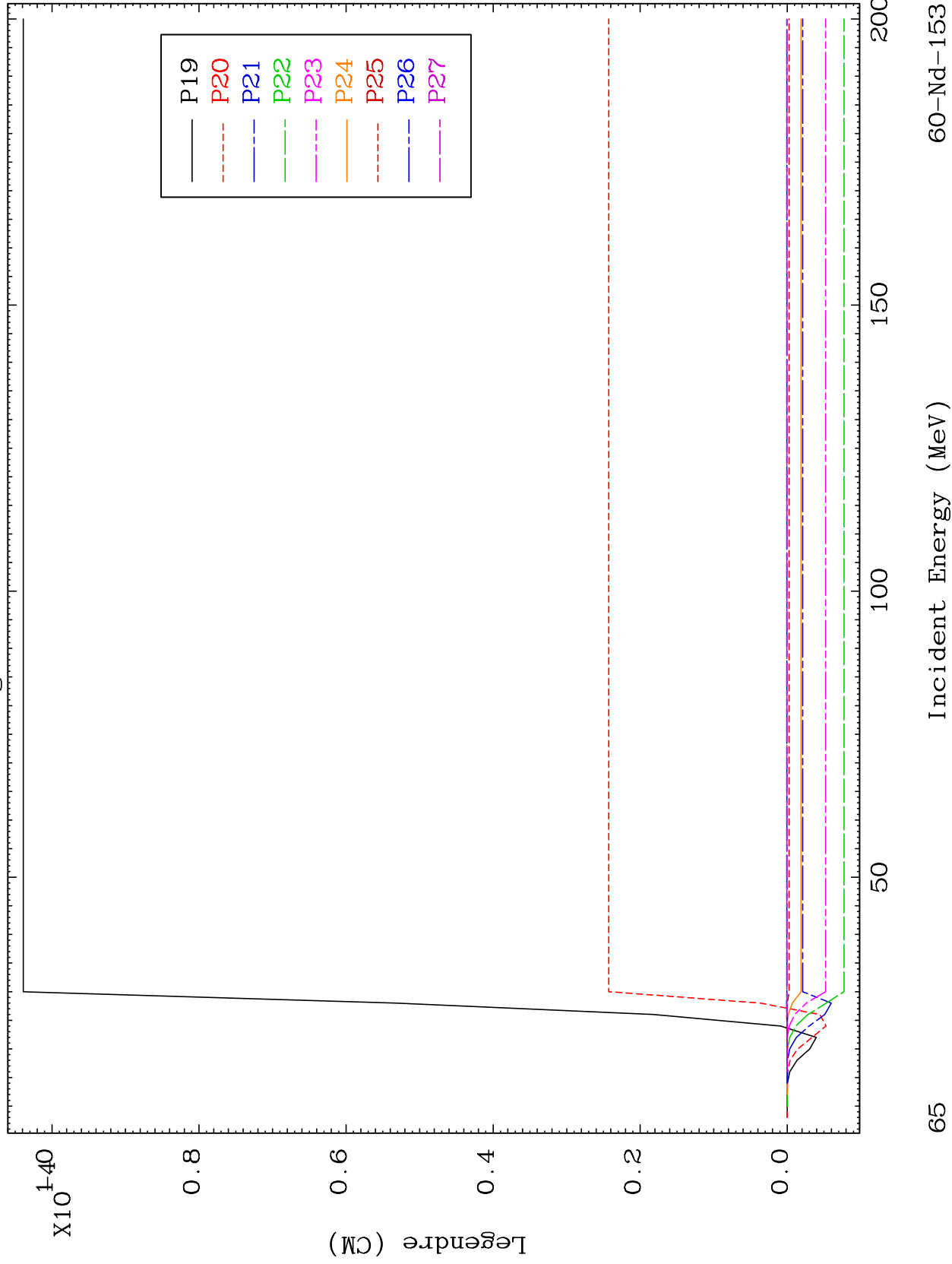
Incident Energy (MeV)

64

MAT 6058

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

60-Nd-153



65

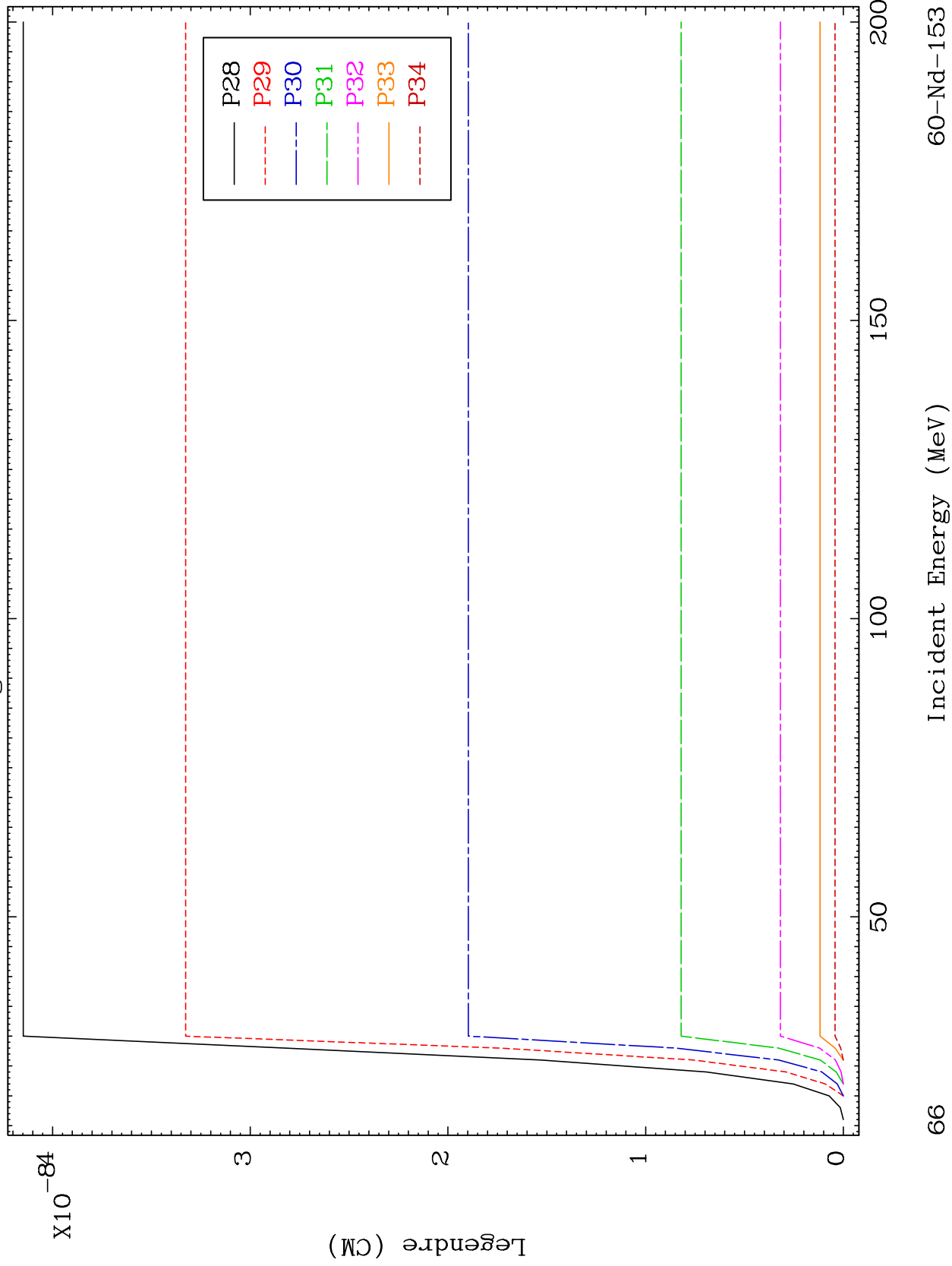
Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153



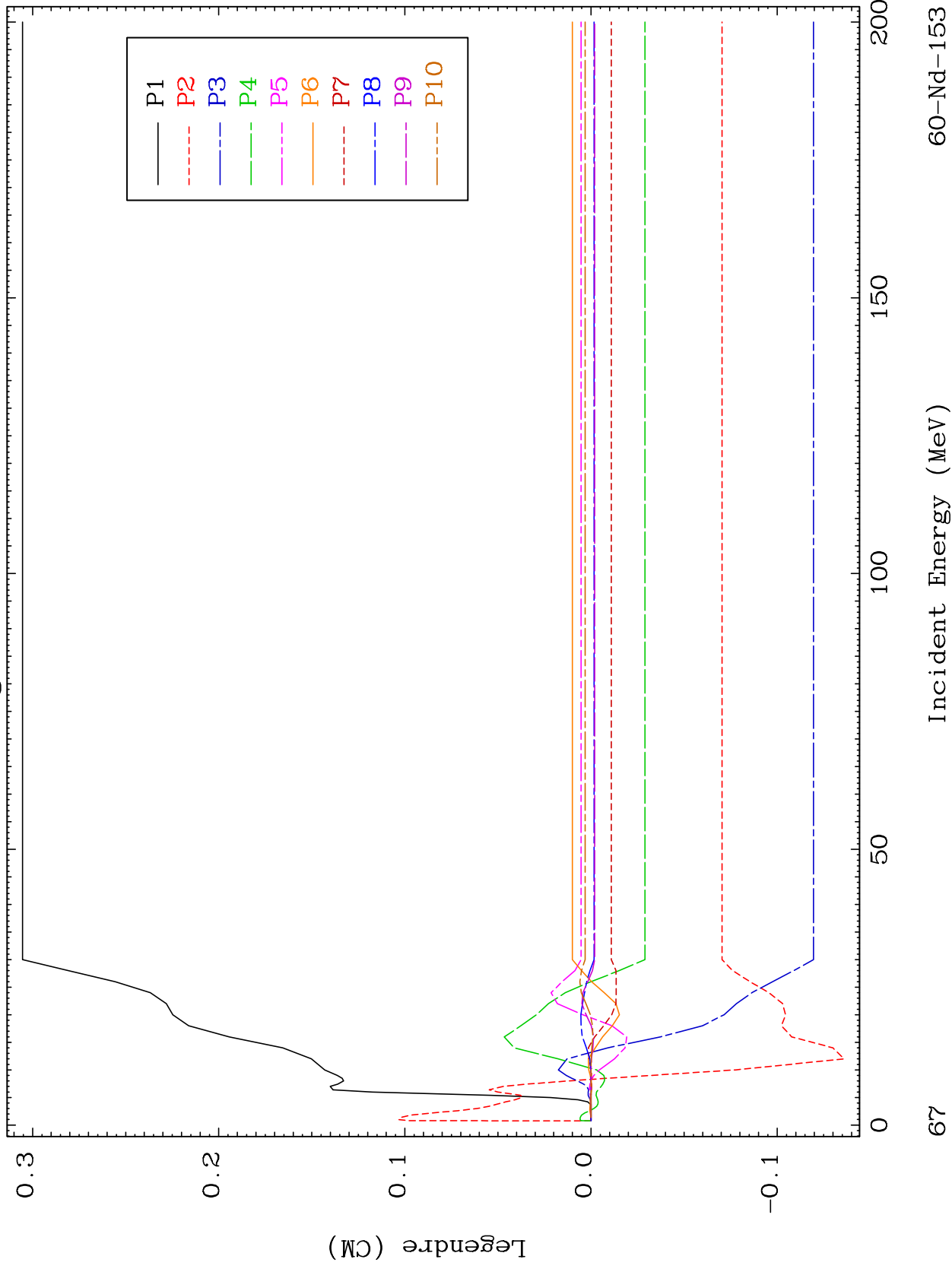
66

200

MAT 6058

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

60-Nd-153



60-Nd-153

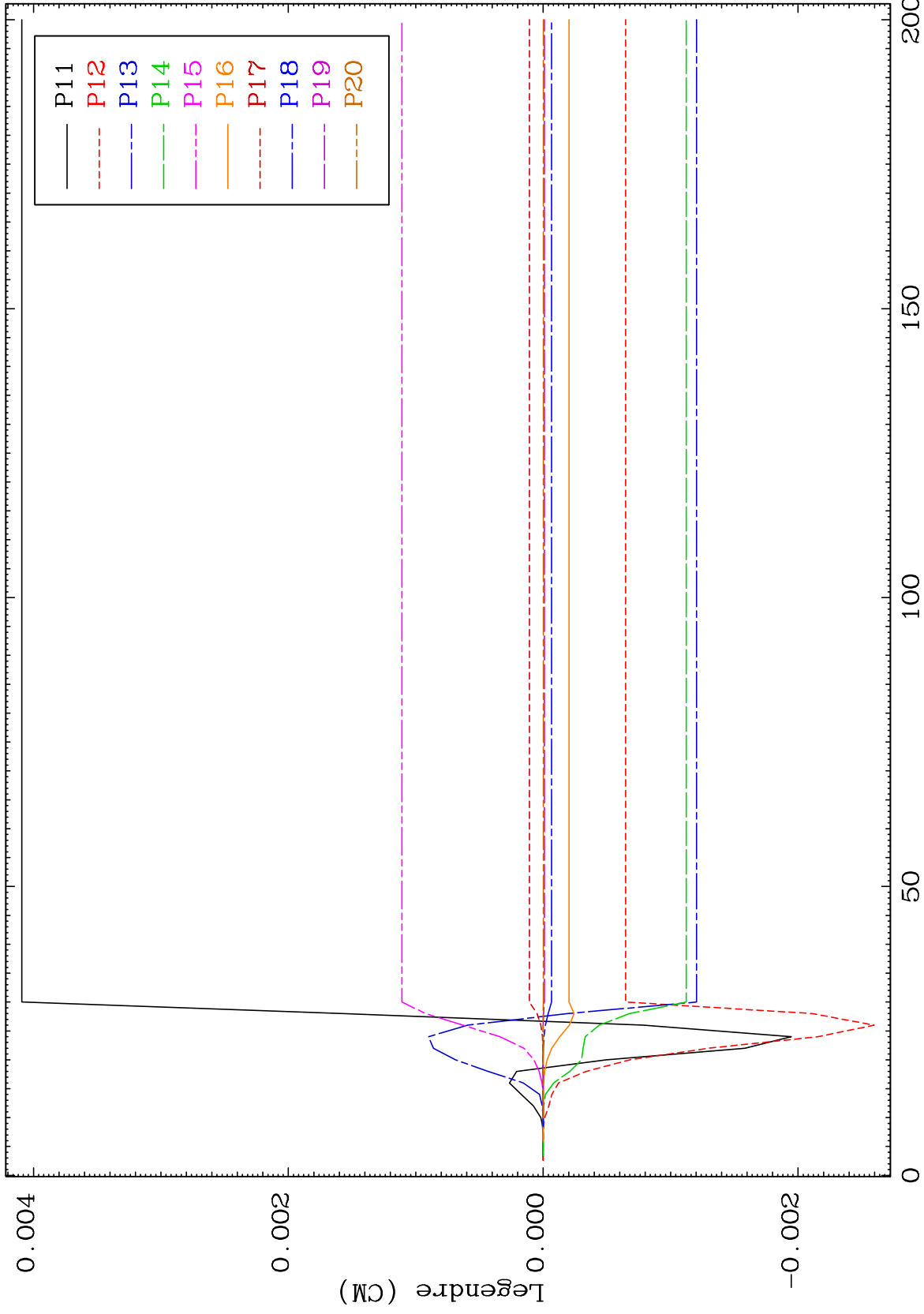
Incident Energy (MeV)

67

MAT 6058

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

60-Nd-153



68

Incident Energy (MeV)

60-Nd-153

MAT 6058

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

60-Nd-153

