

Program EVALPLOT
(Version 2018-1)

by

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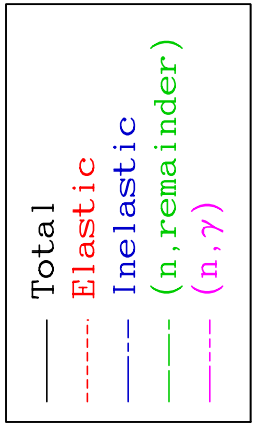
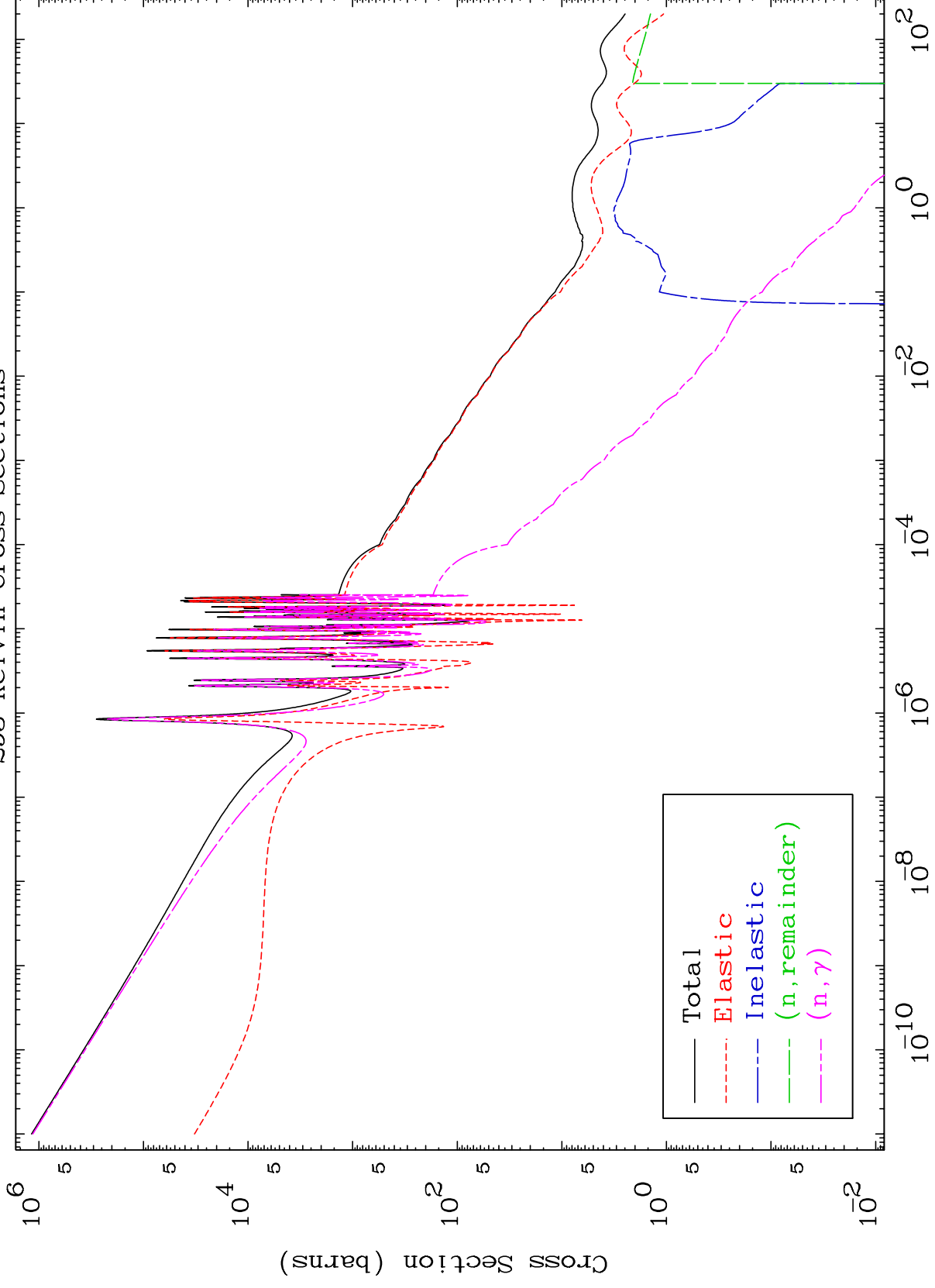
Press Mouse Button to Start

MAT 6452

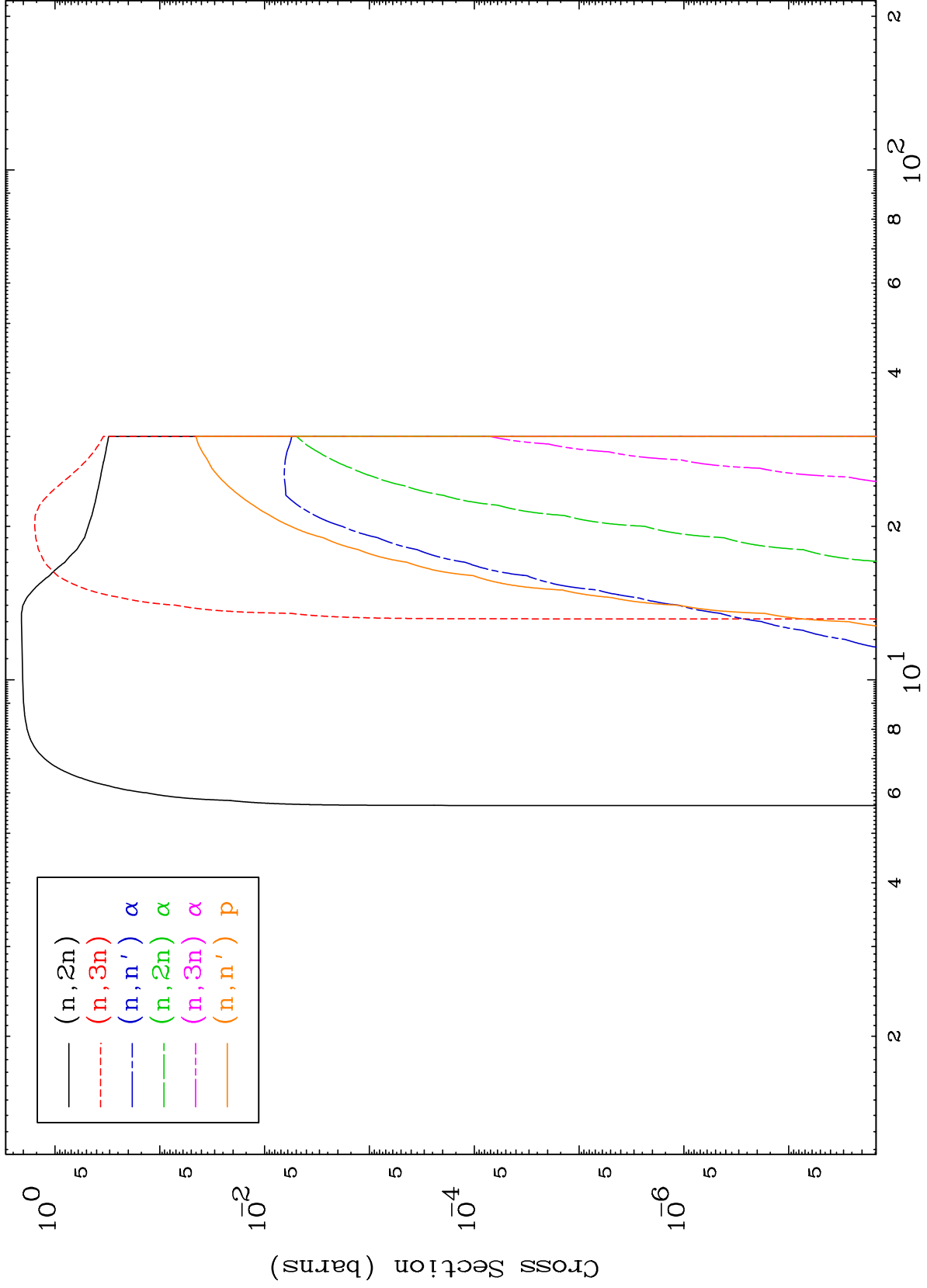
Major

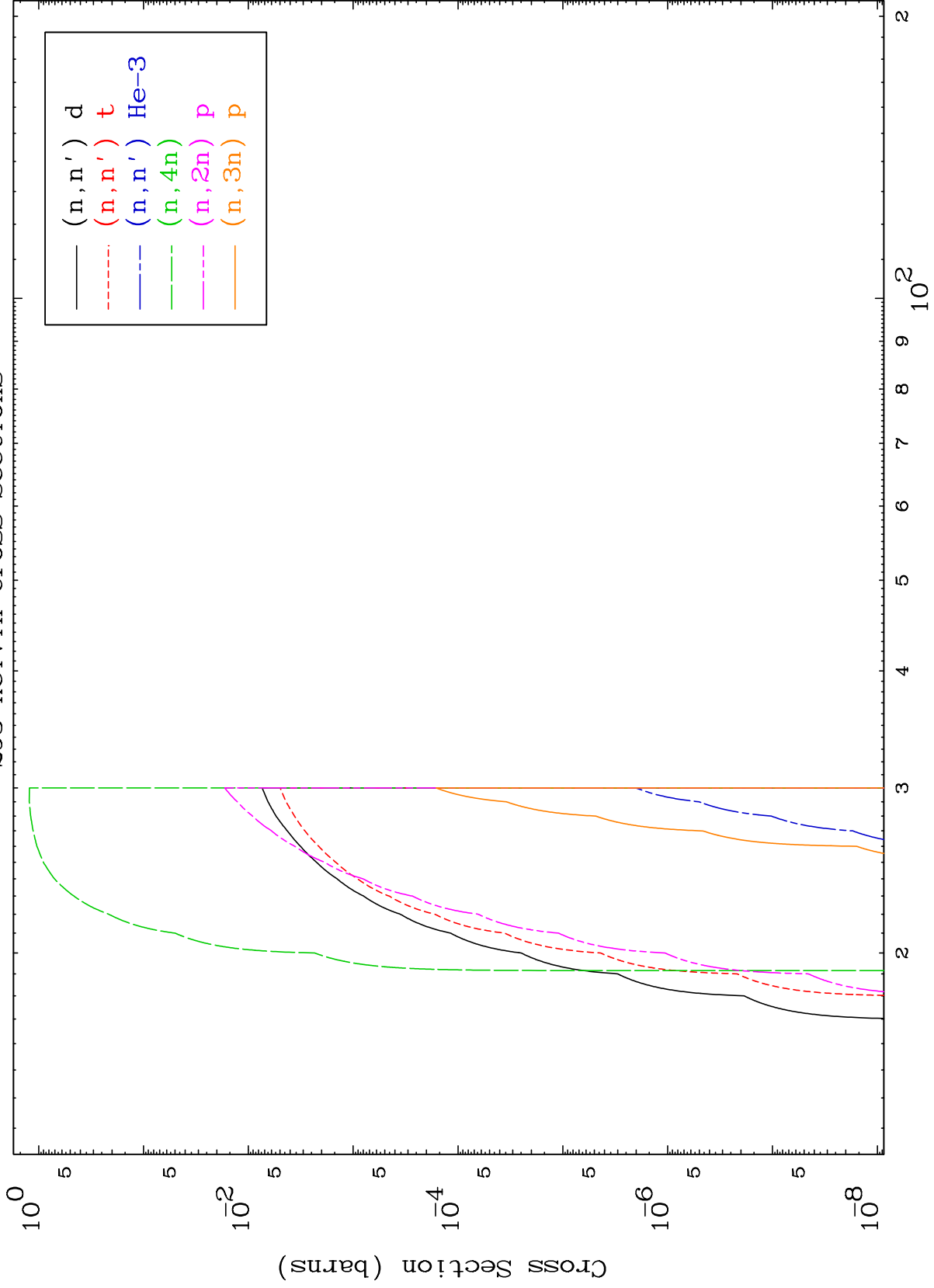
293 Kelvin Cross Sections

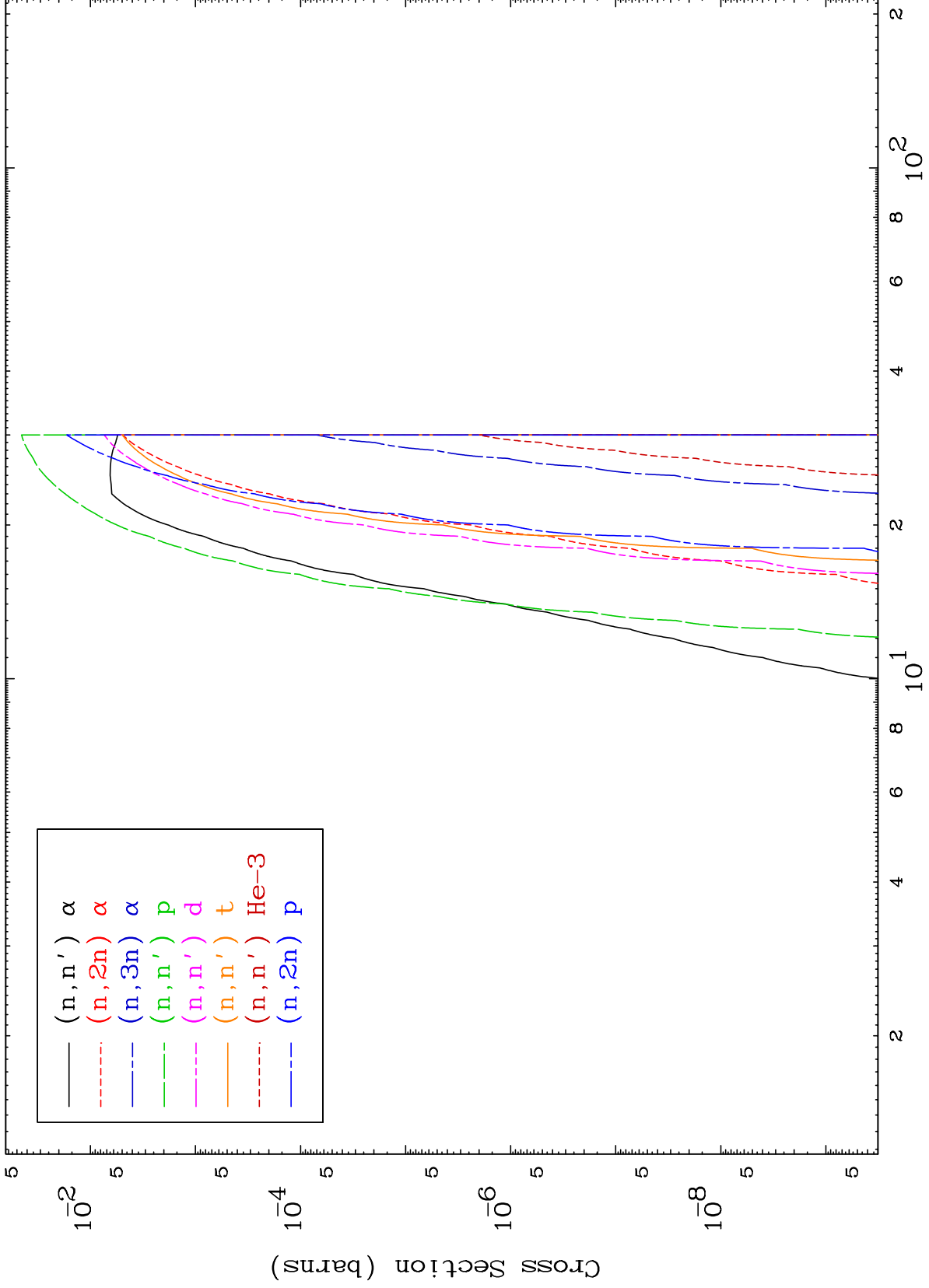
64-Gd-161



Neutron Production
293 Kelvin Cross Sections



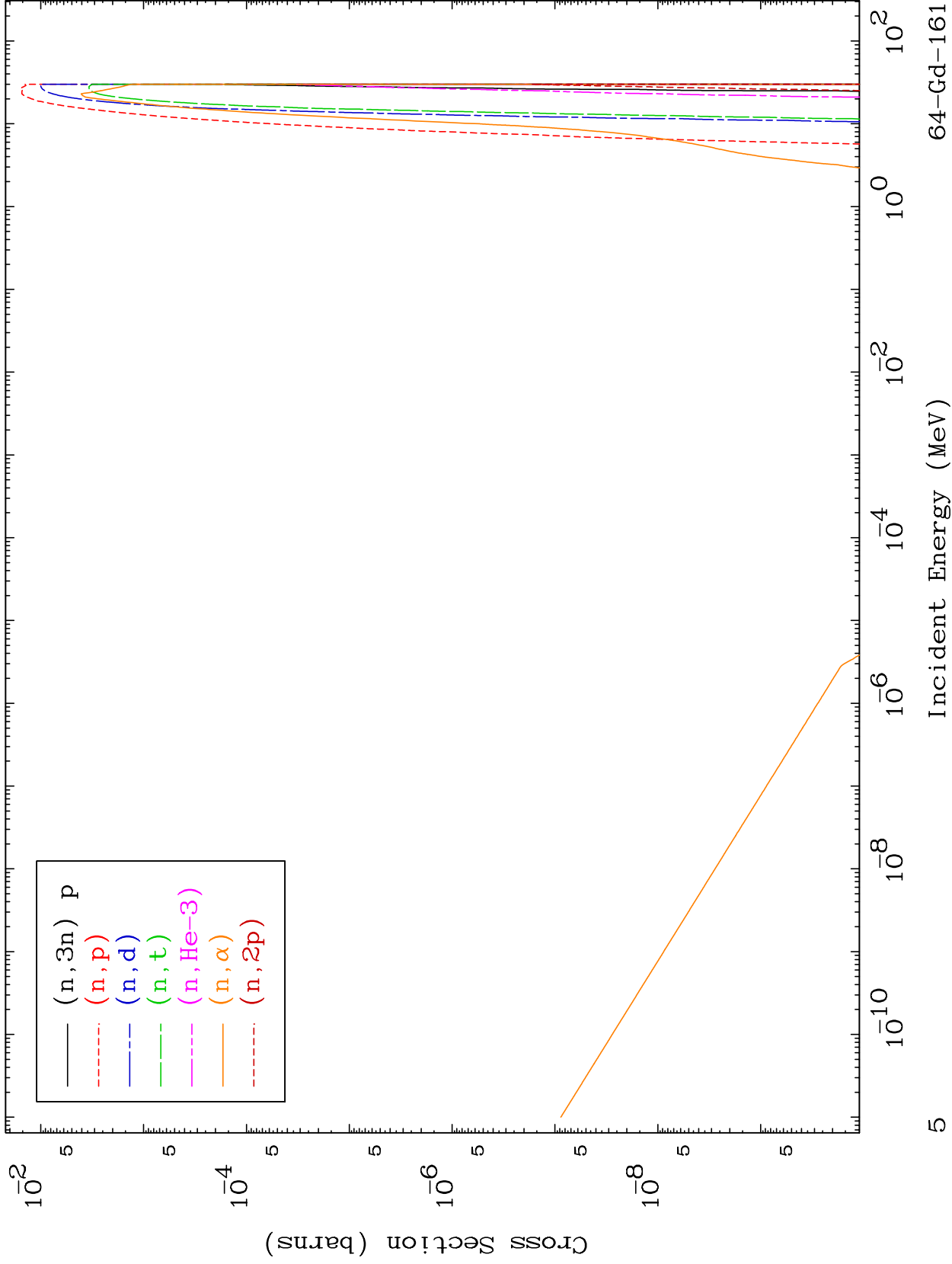




MAT 6452

Charged Particle
293 Kelvin Cross Sections

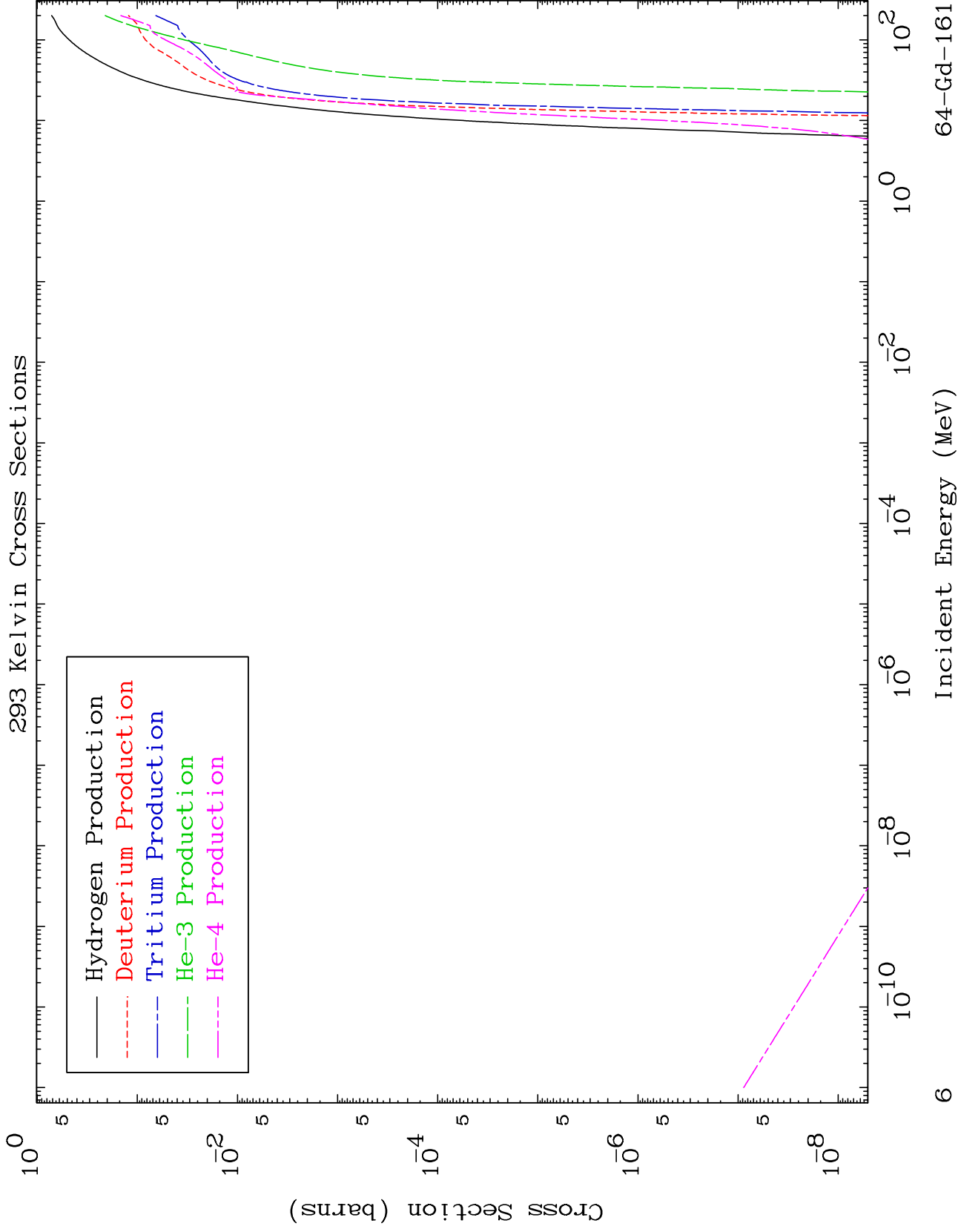
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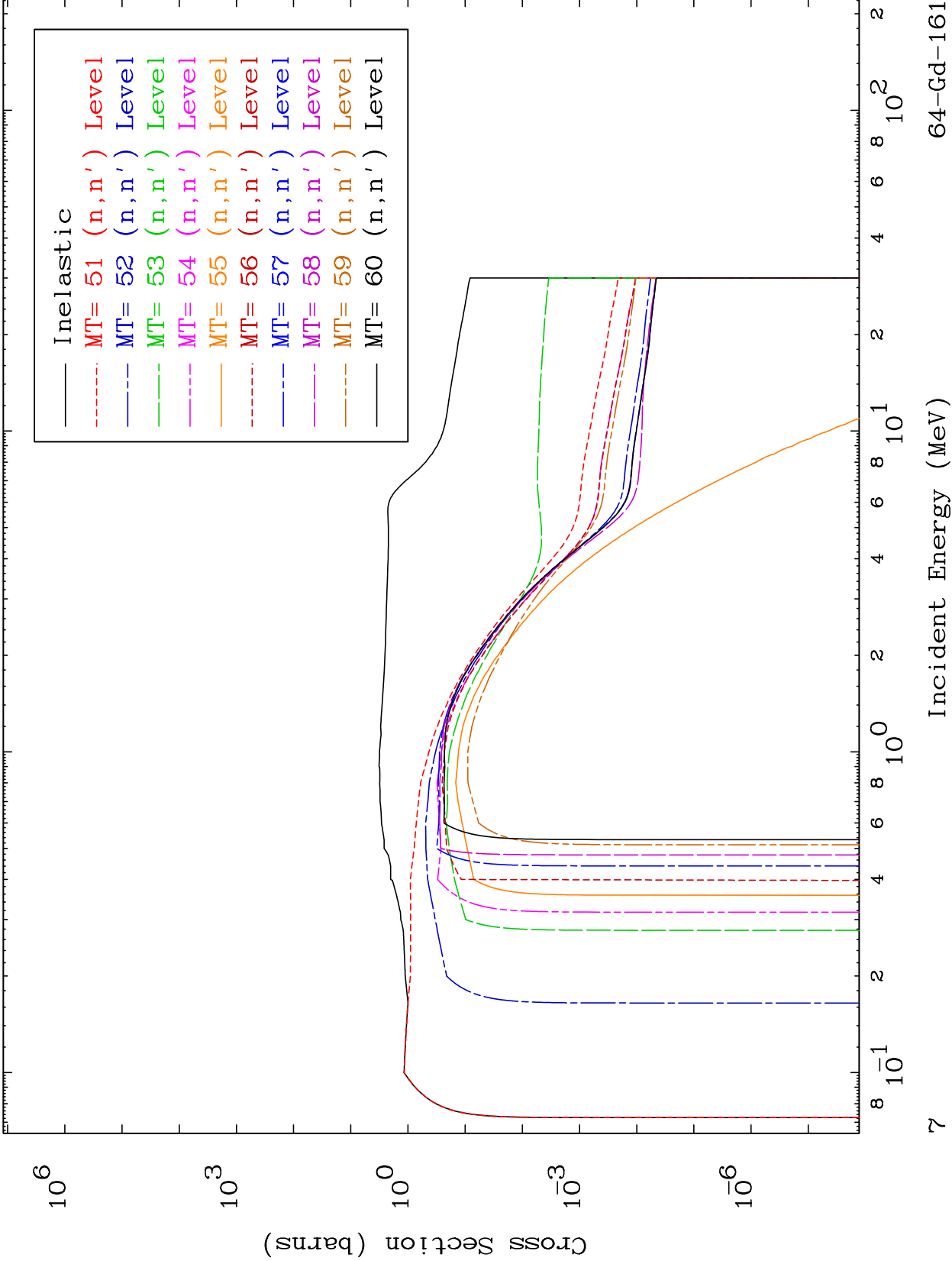
MAT 6452

Particle Production
293 Kelvin Cross Sections

64-Gd-161



293 Kelvin Cross Sections

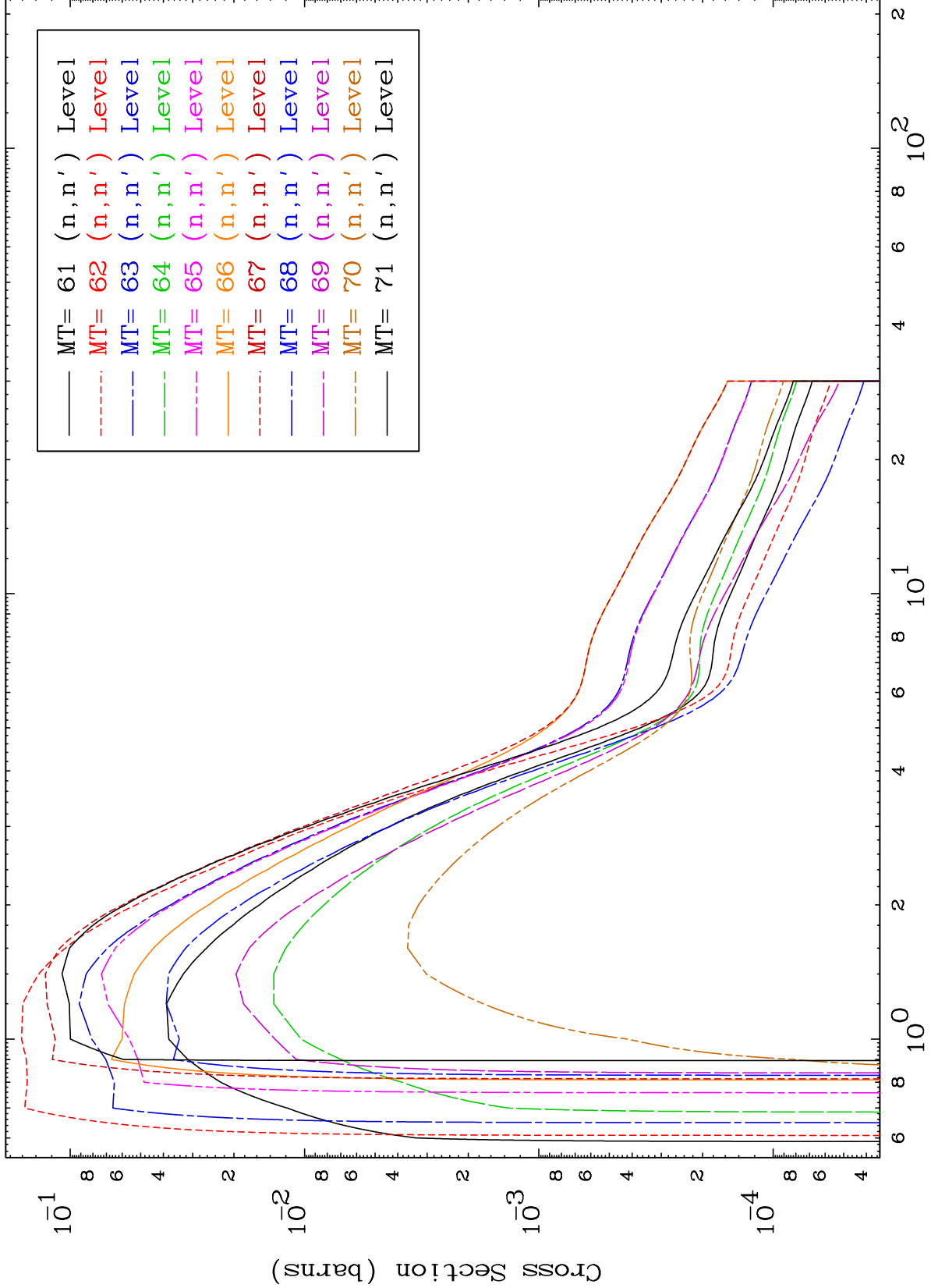


MAT 6452

(n,n') Level

64-Gd-161

293 Kelvin Cross Sections



8

Incident Energy (MeV)

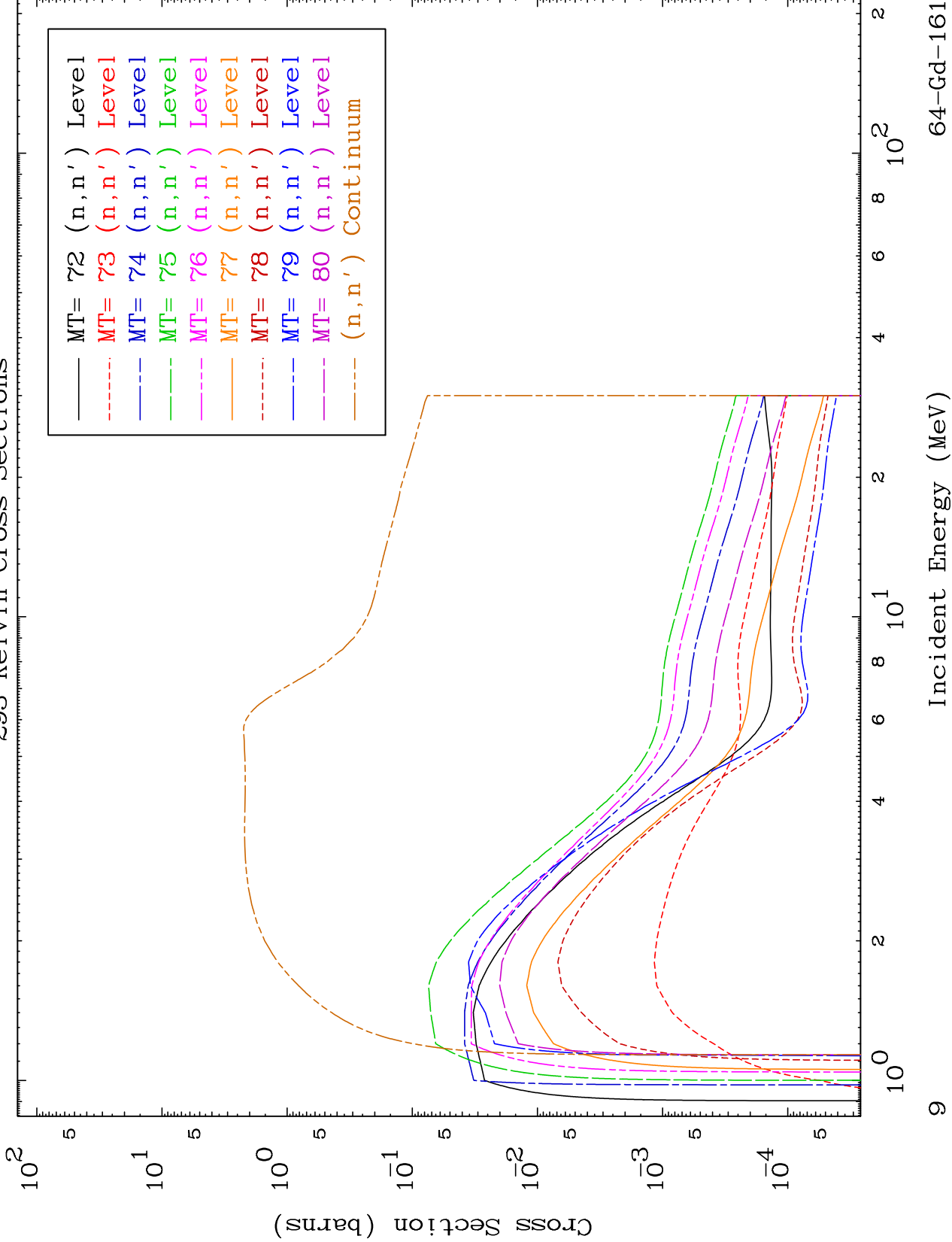
64-Gd-161

MAT 6452

(n,n') Level

64-Gd-161

293 Kelvin Cross Sections



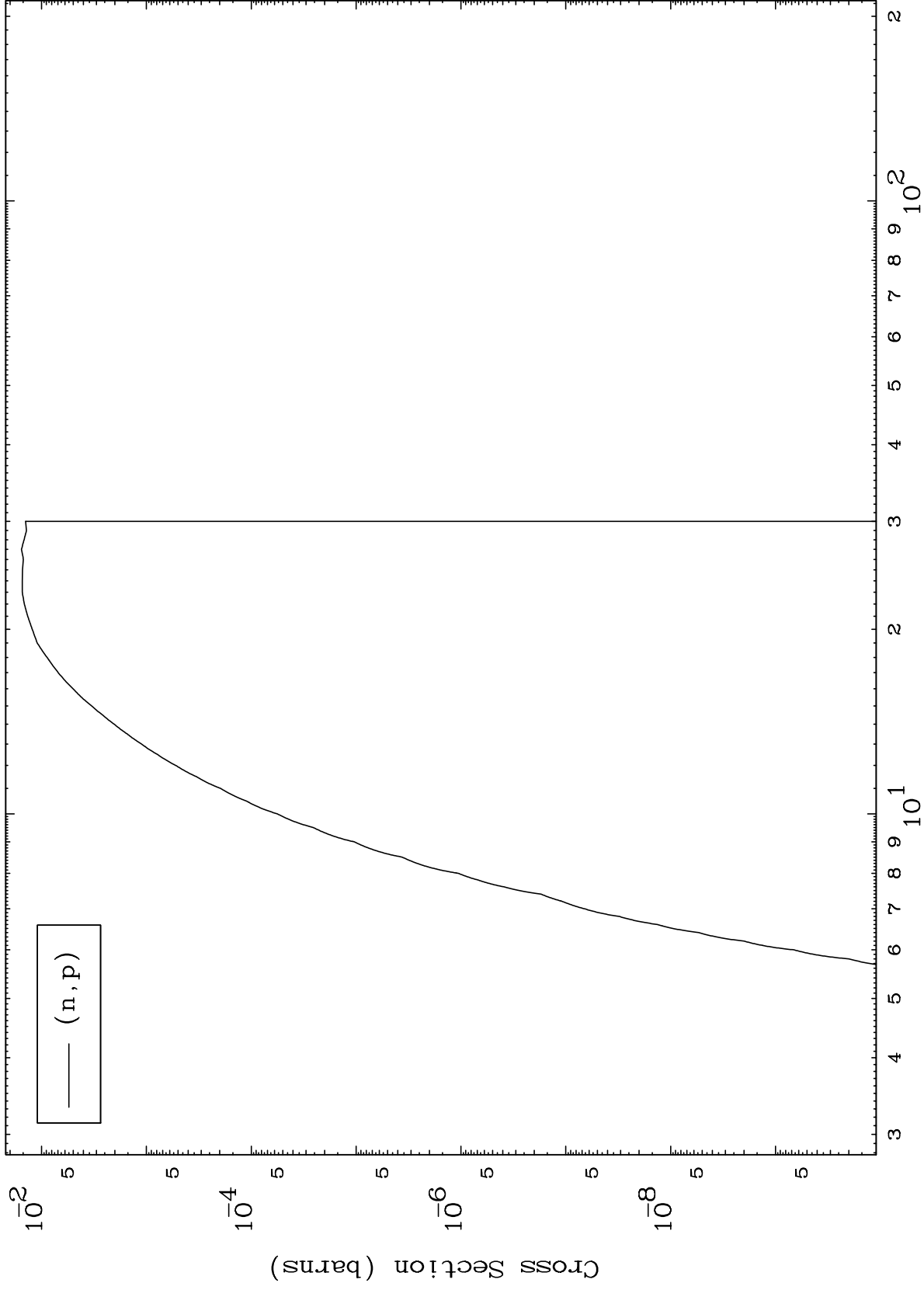
Incident Energy (MeV)

64-Gd-161

MAT 6452

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-161



10

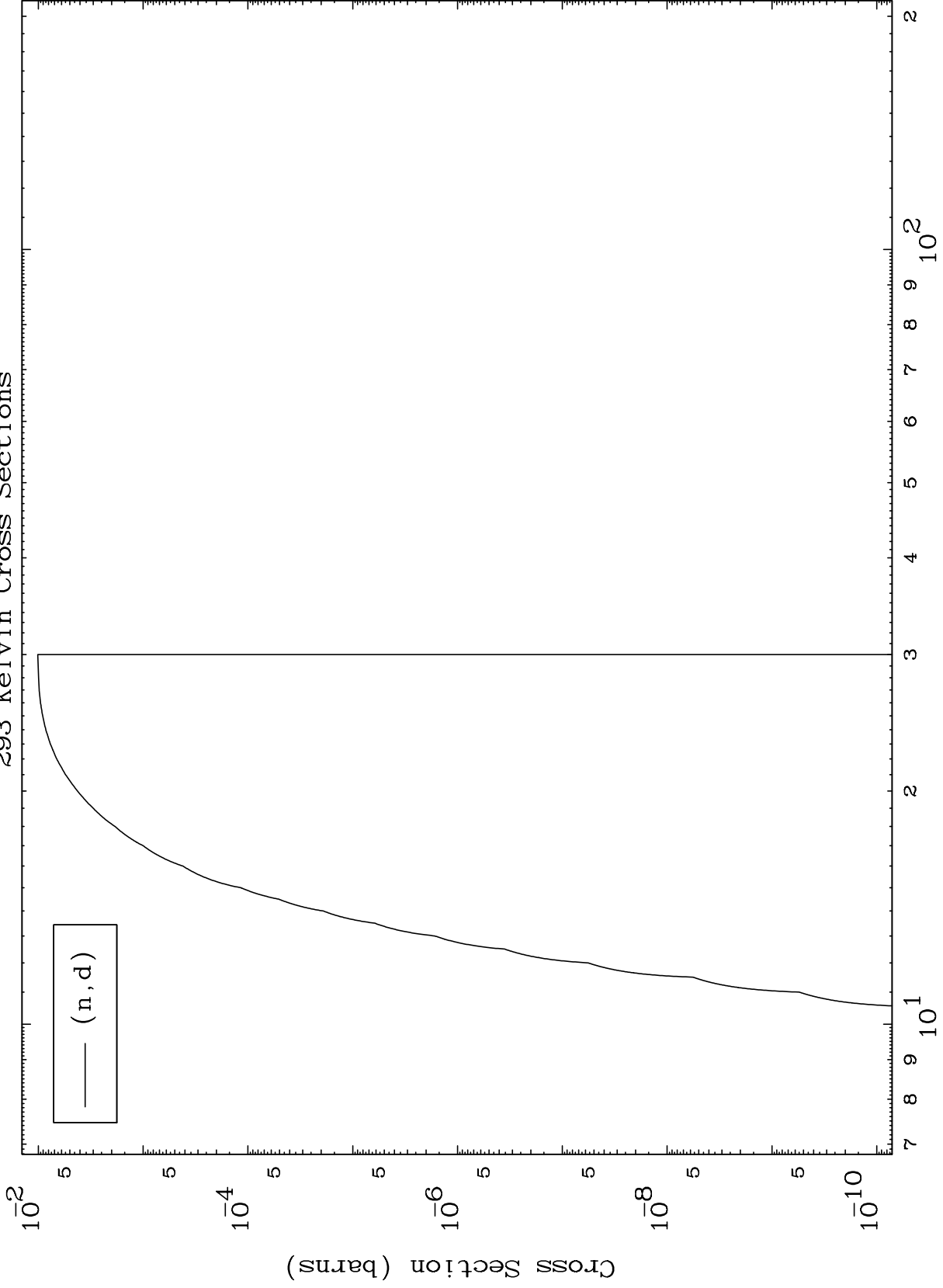
Incident Energy (MeV)

64-Gd-161

MAT 6452

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-161



11

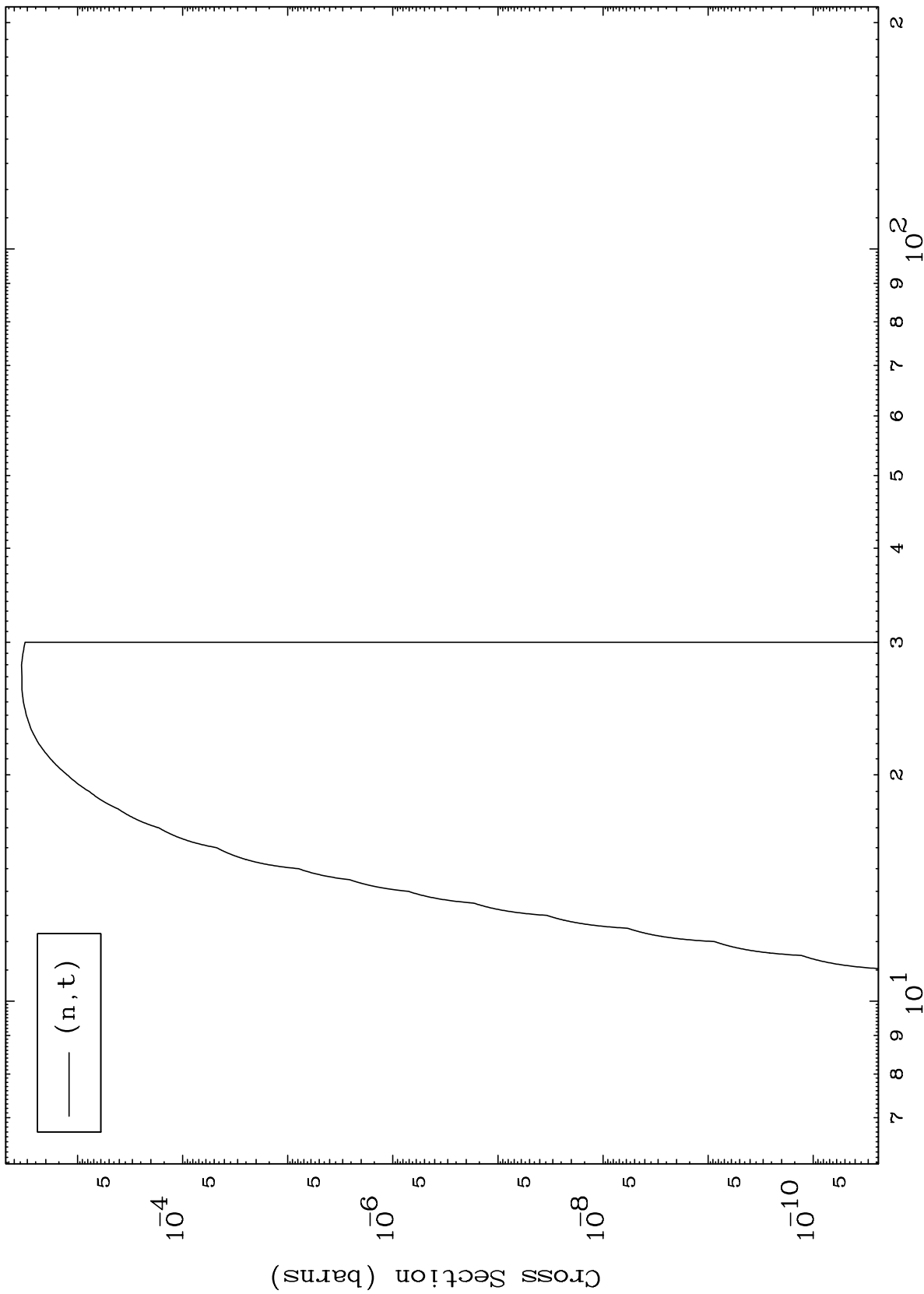
Incident Energy (MeV)

64-Gd-161

MAT 6452

64-Gd-161

(n,t) Levels
293 Kelvin Cross Sections



12

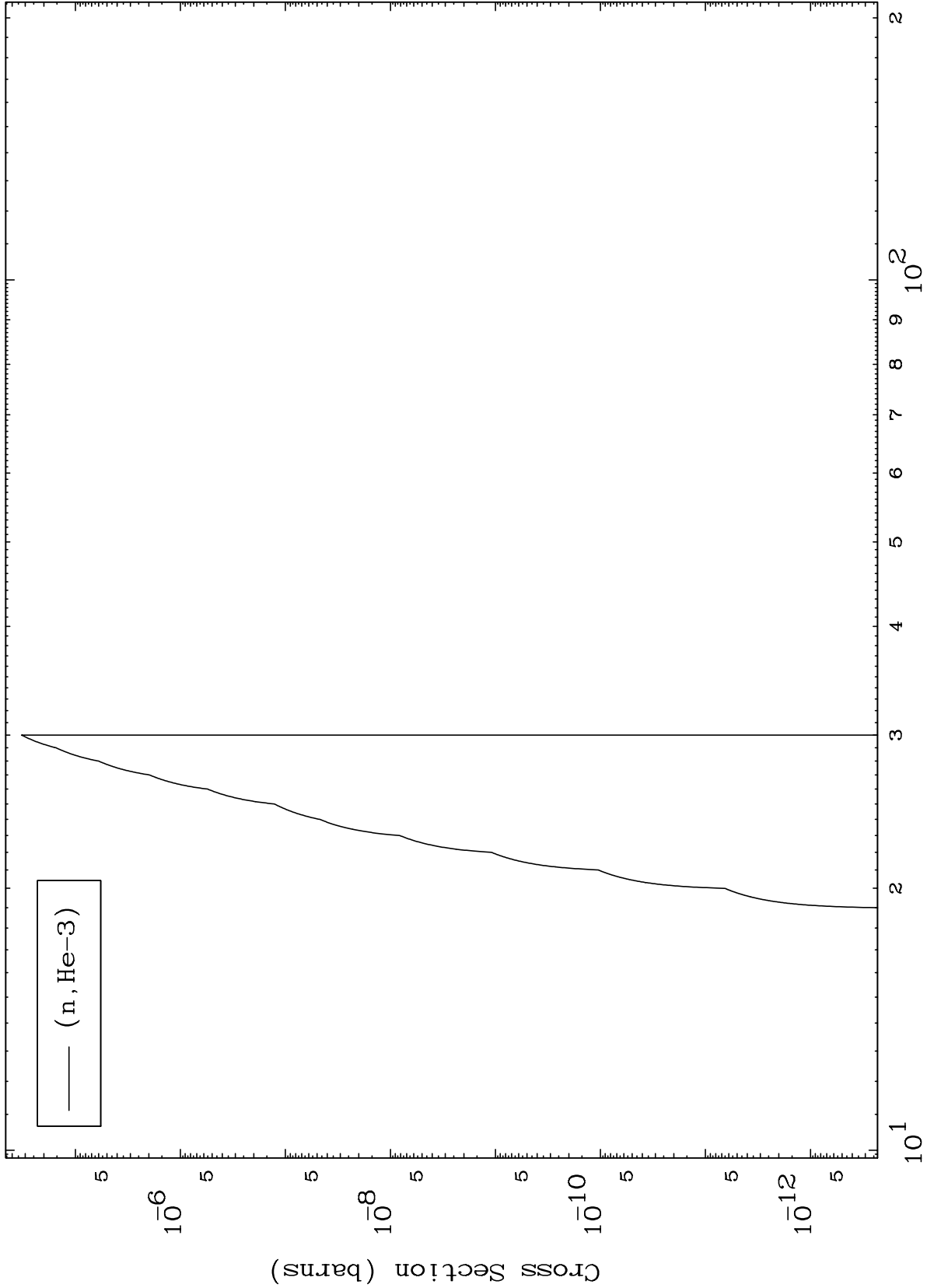
64-Gd-161

Incident Energy (MeV)

MAT 6452

64-Gd-161

(n,He3) Levels
293 Kelvin Cross Sections



64-Gd-161

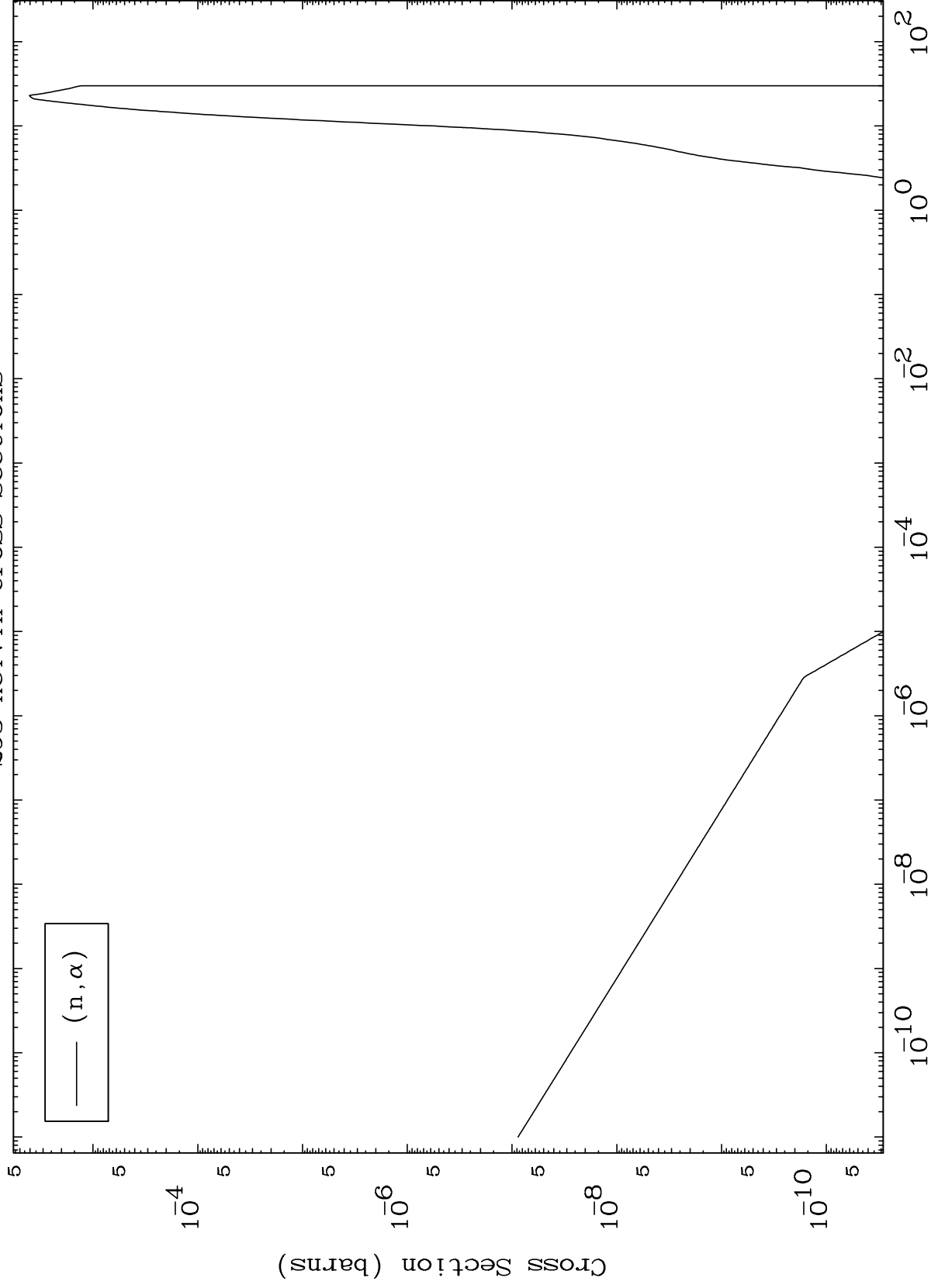
Incident Energy (MeV)

13

MAT 6452

(n, α) Levels
293 Kelvin Cross Sections

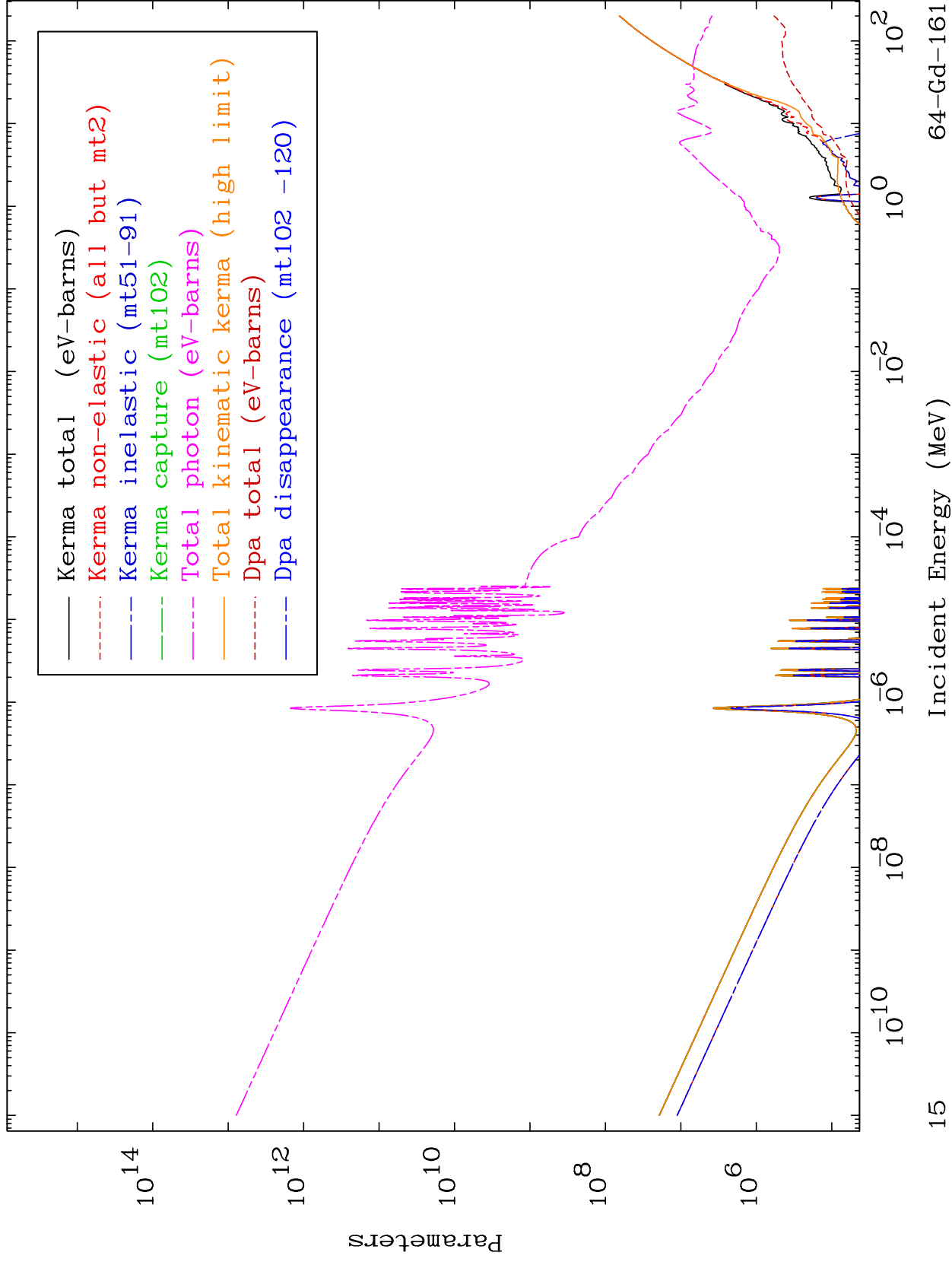
64-Gd-161



14

Incident Energy (MeV)

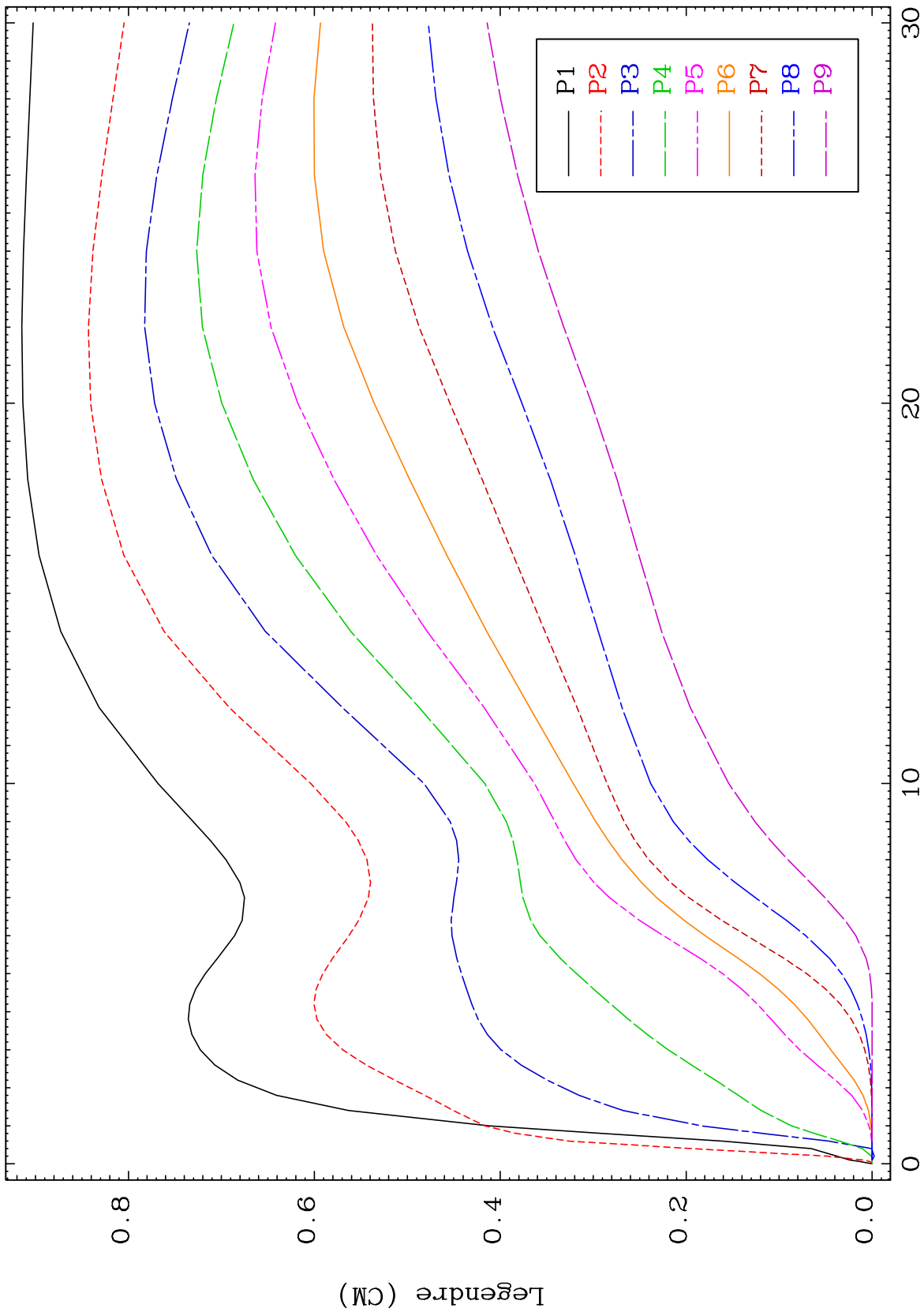
64-Gd-161



MAT 6452

64-Gd-161

Elastic Legendre Coefficients



16

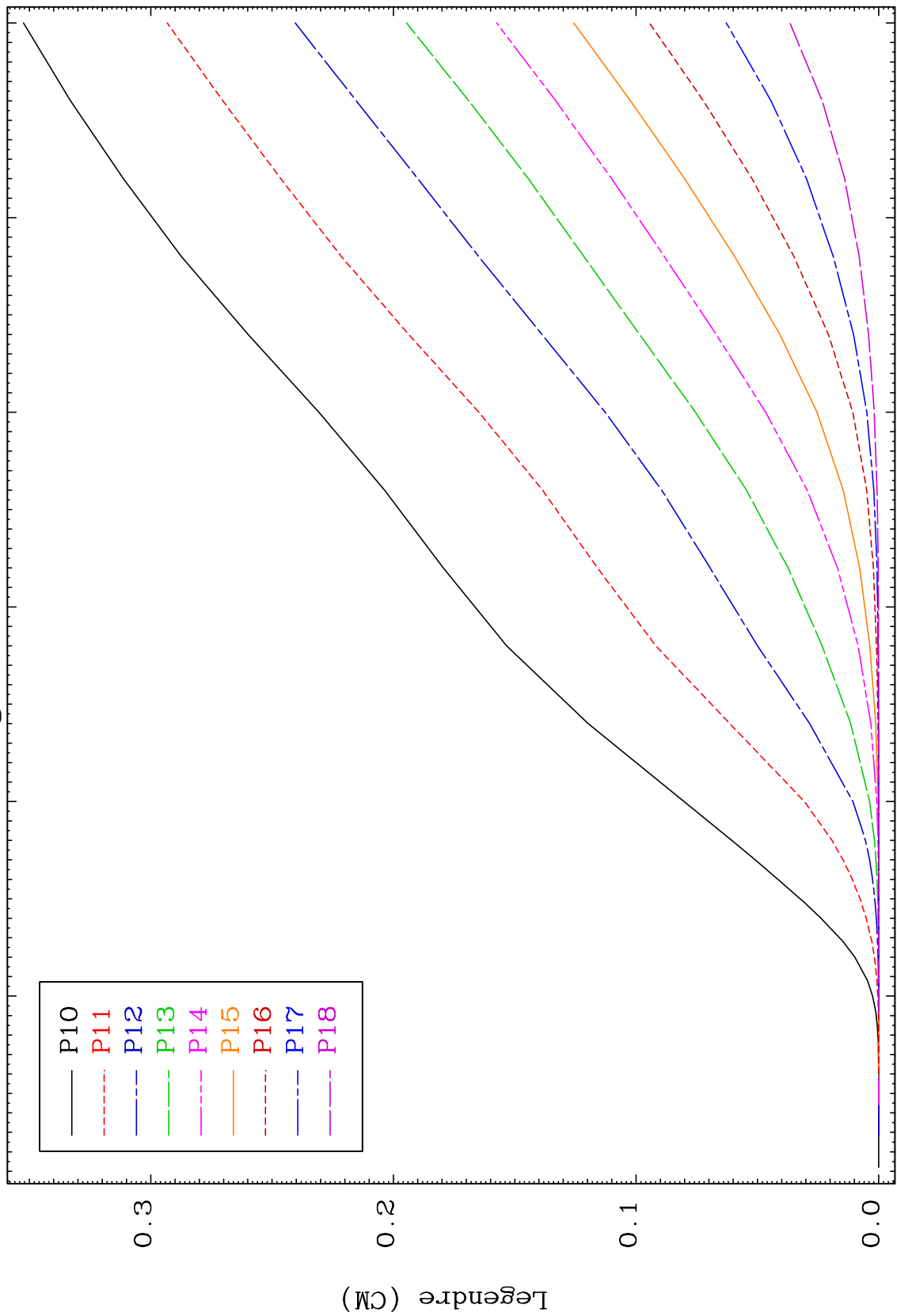
Incident Energy (MeV)

64-Gd-161

MAT 6452

Elastic Legendre Coefficients

64-Gd-161



17

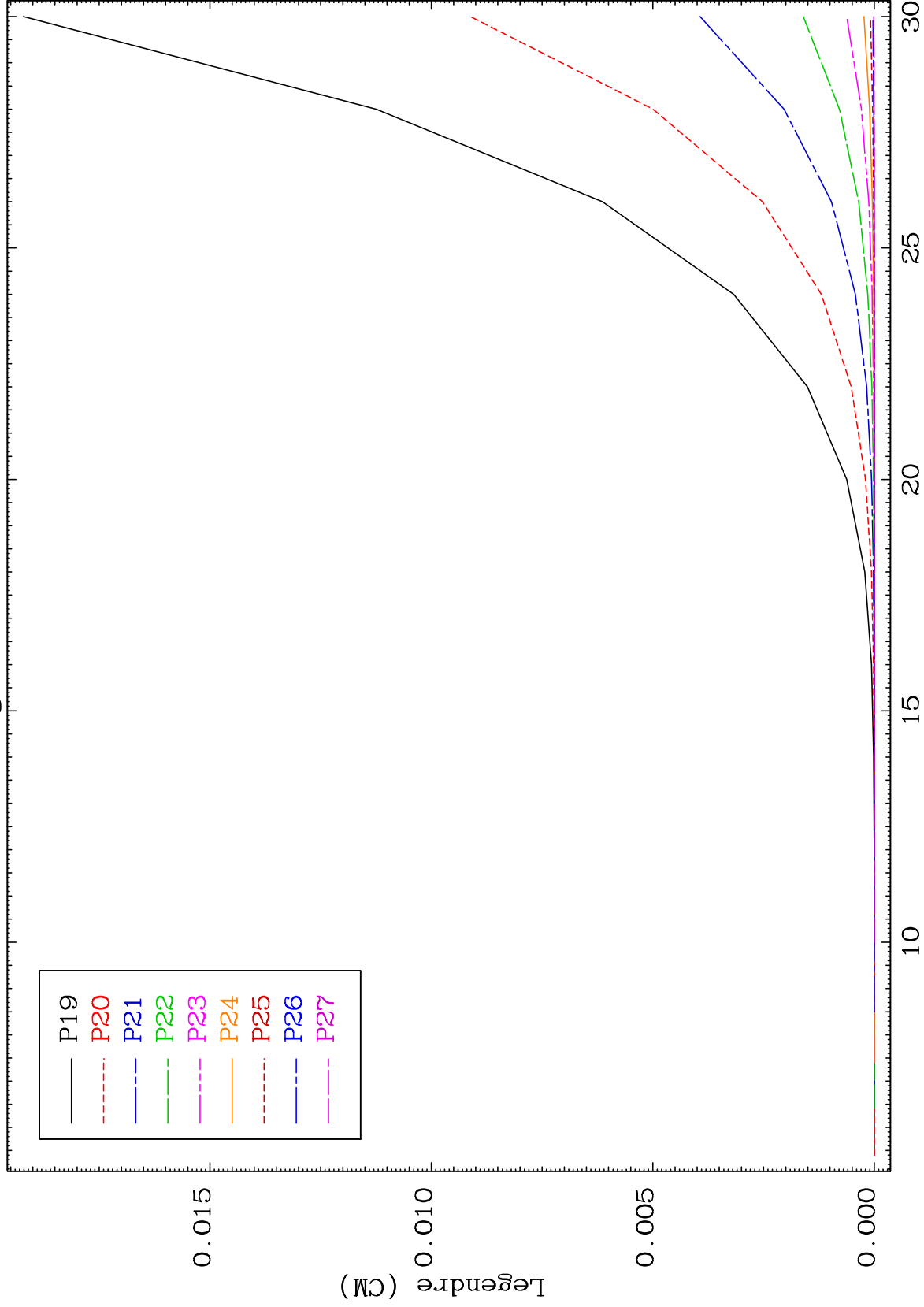
64-Gd-161

Incident Energy (MeV)

MAT 6452

Elastic Legendre Coefficients

64-Gd-161



18

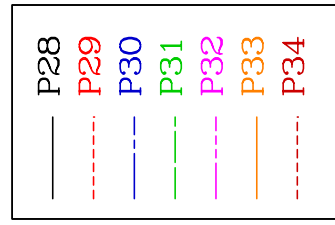
Incident Energy (MeV)

64-Gd-161

MAT 6452

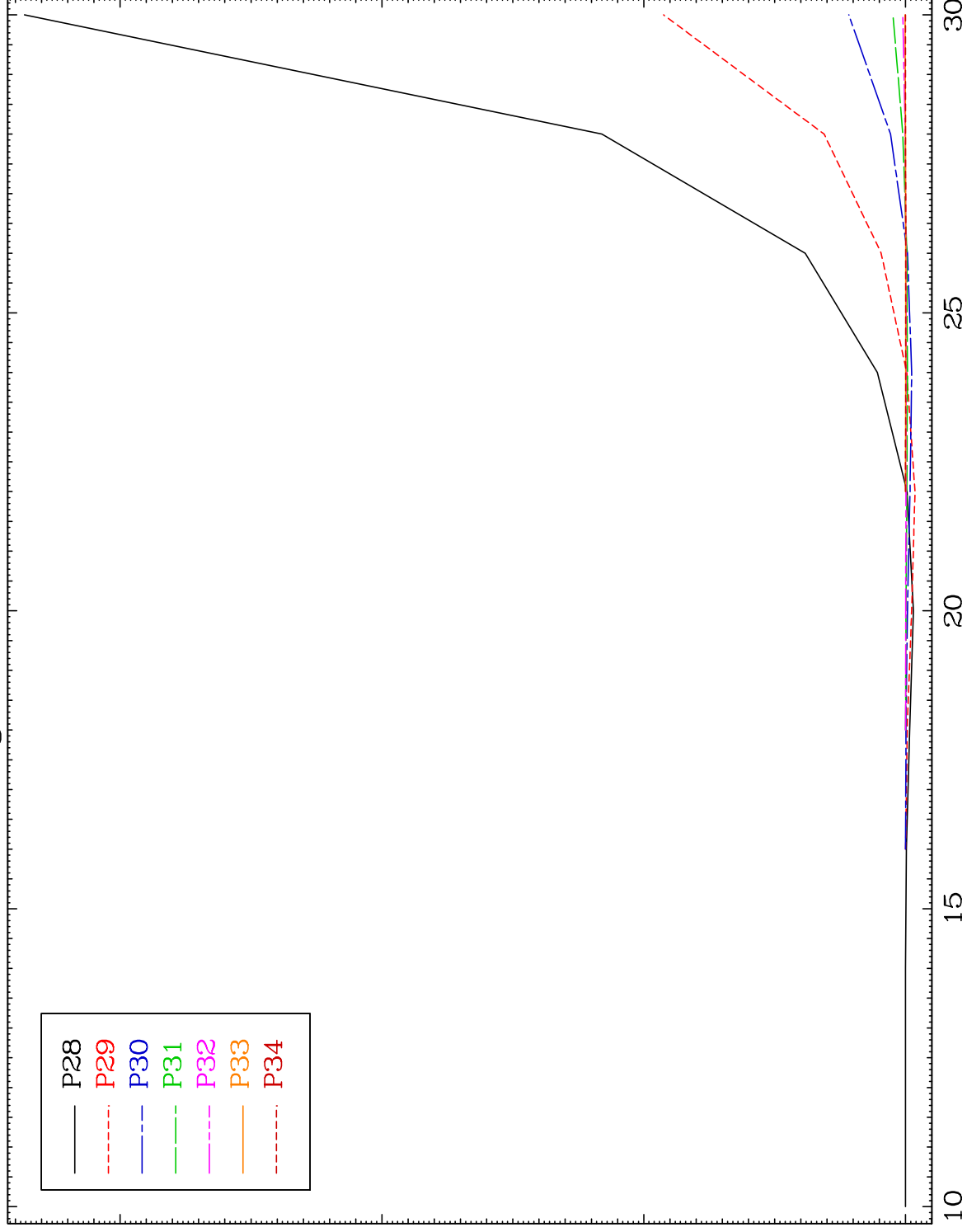
Elastic
Legendre Coefficients

64-Gd-161



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

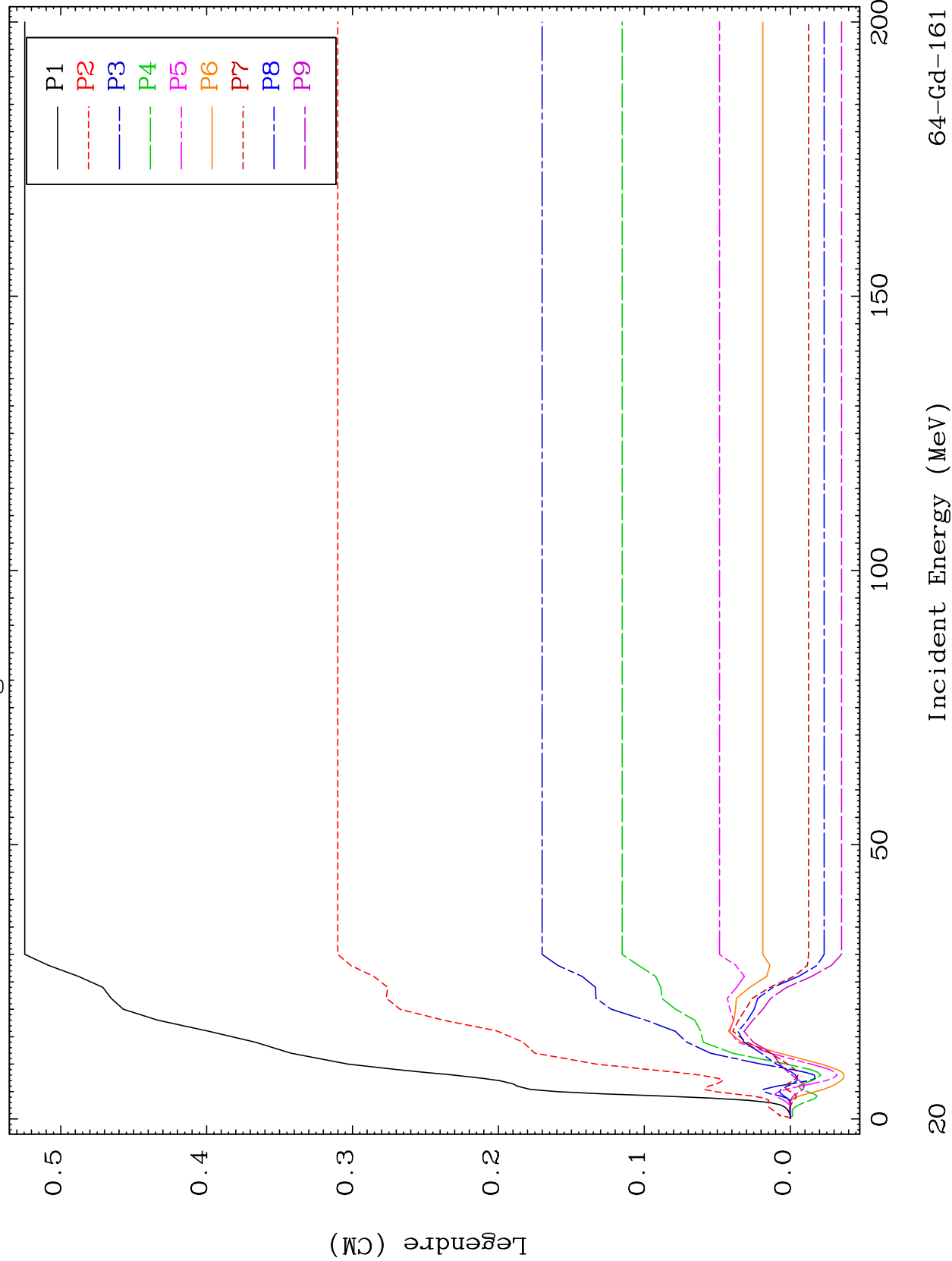
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

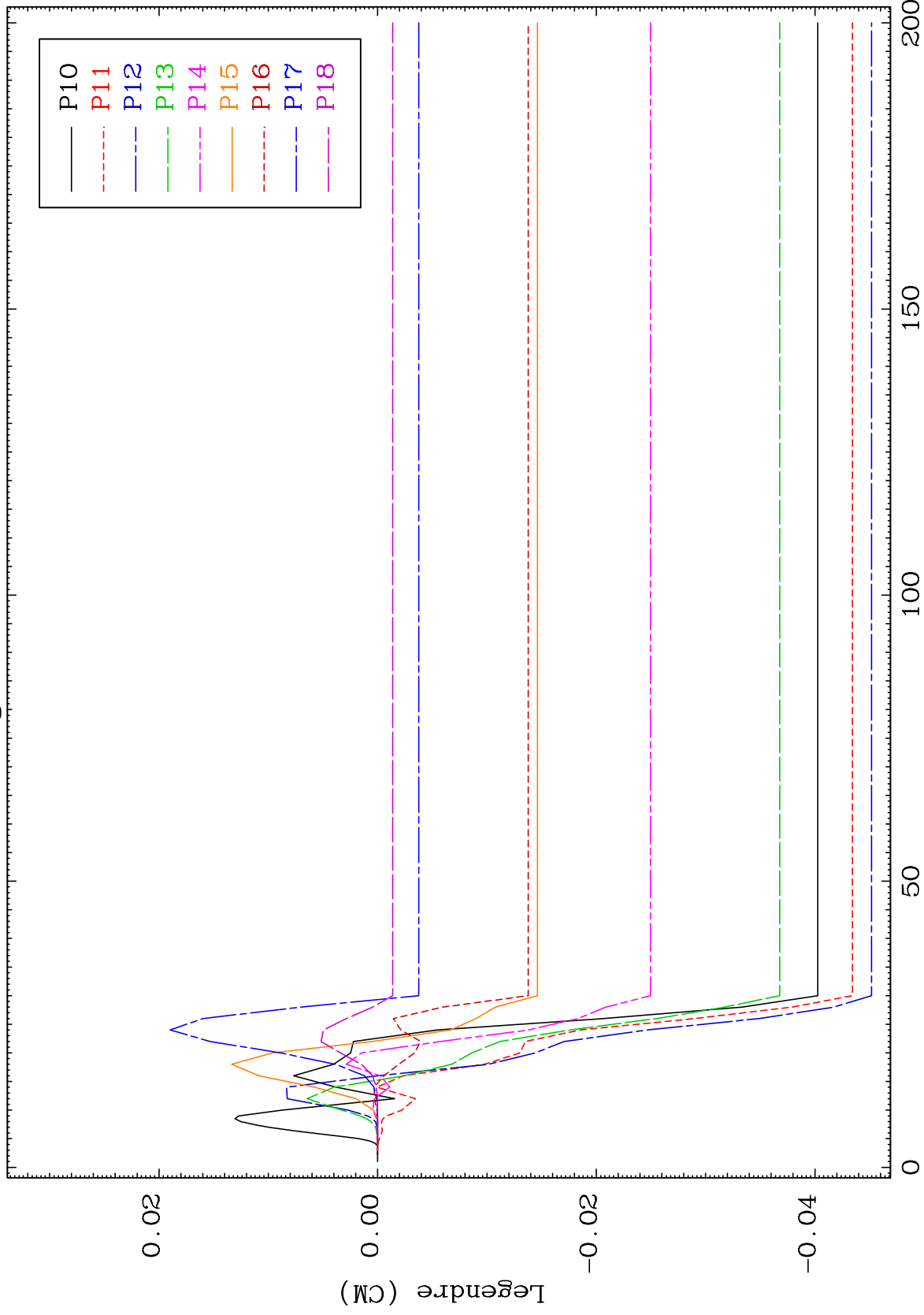
64-Gd-161



MAT 6452

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

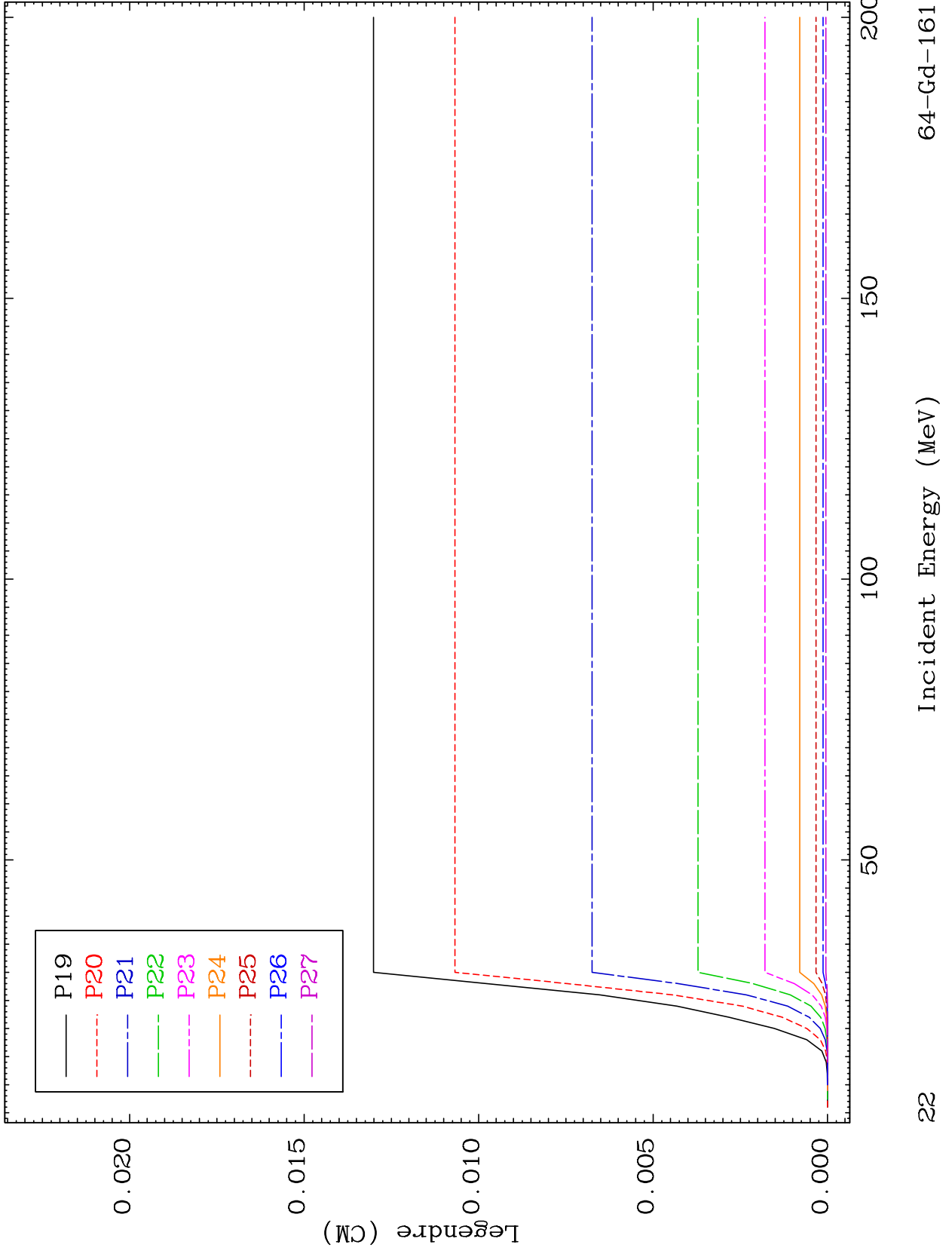
64-Gd-161



21

Incident Energy (MeV)

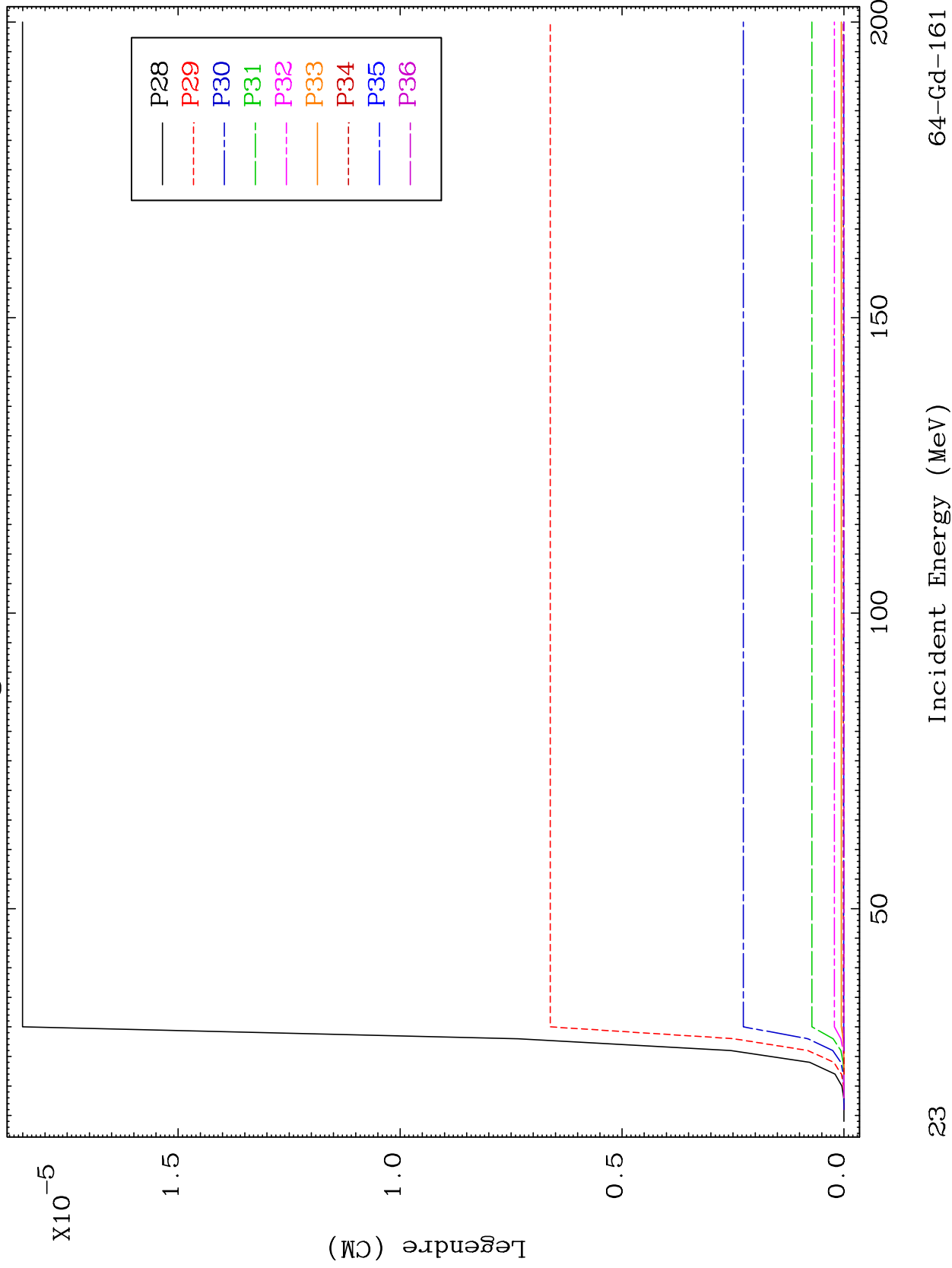
64-Gd-161



MAT 6452

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

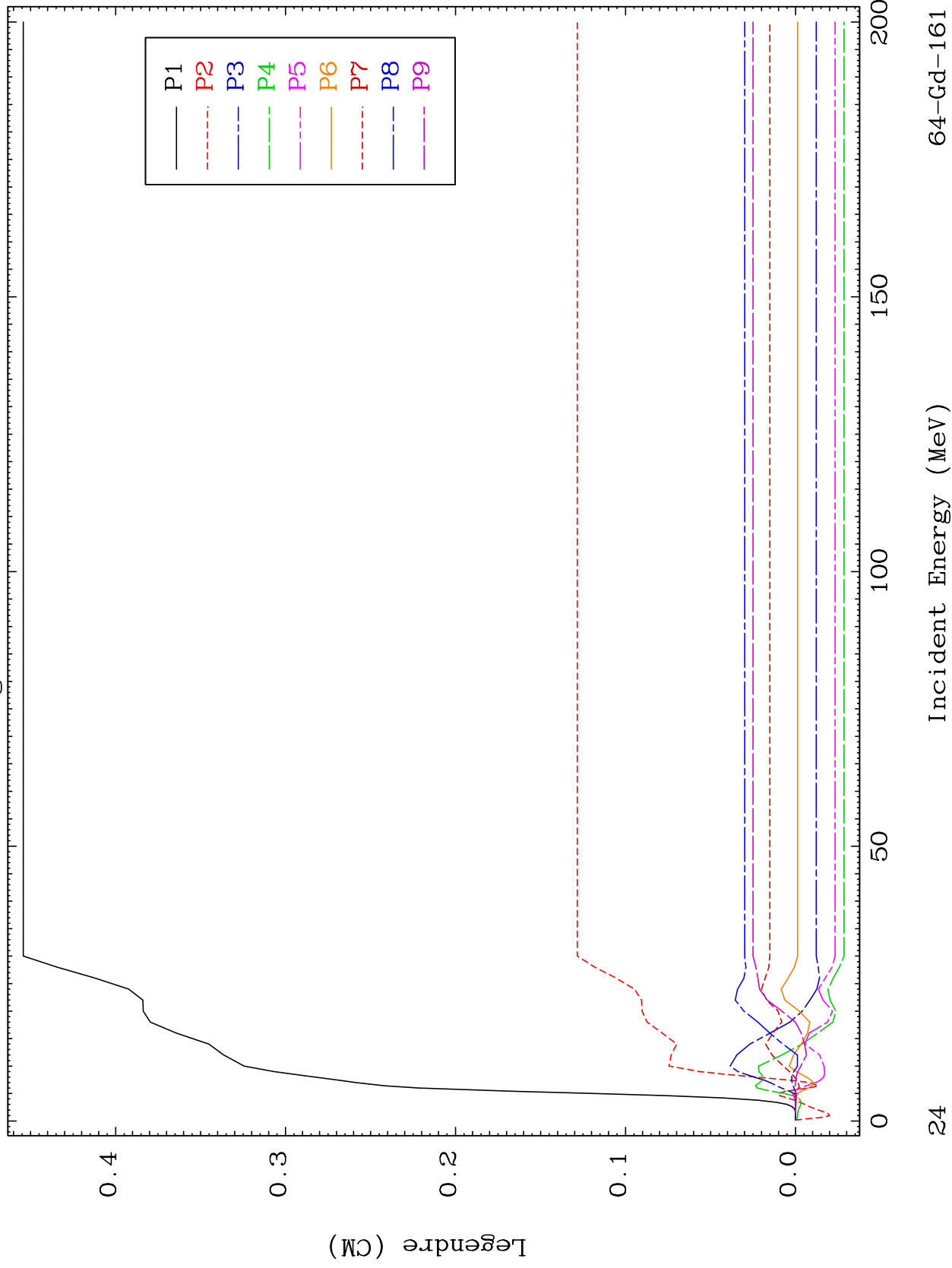
64-Gd-161



MAT 6452

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

64-Gd-161



64-Gd-161

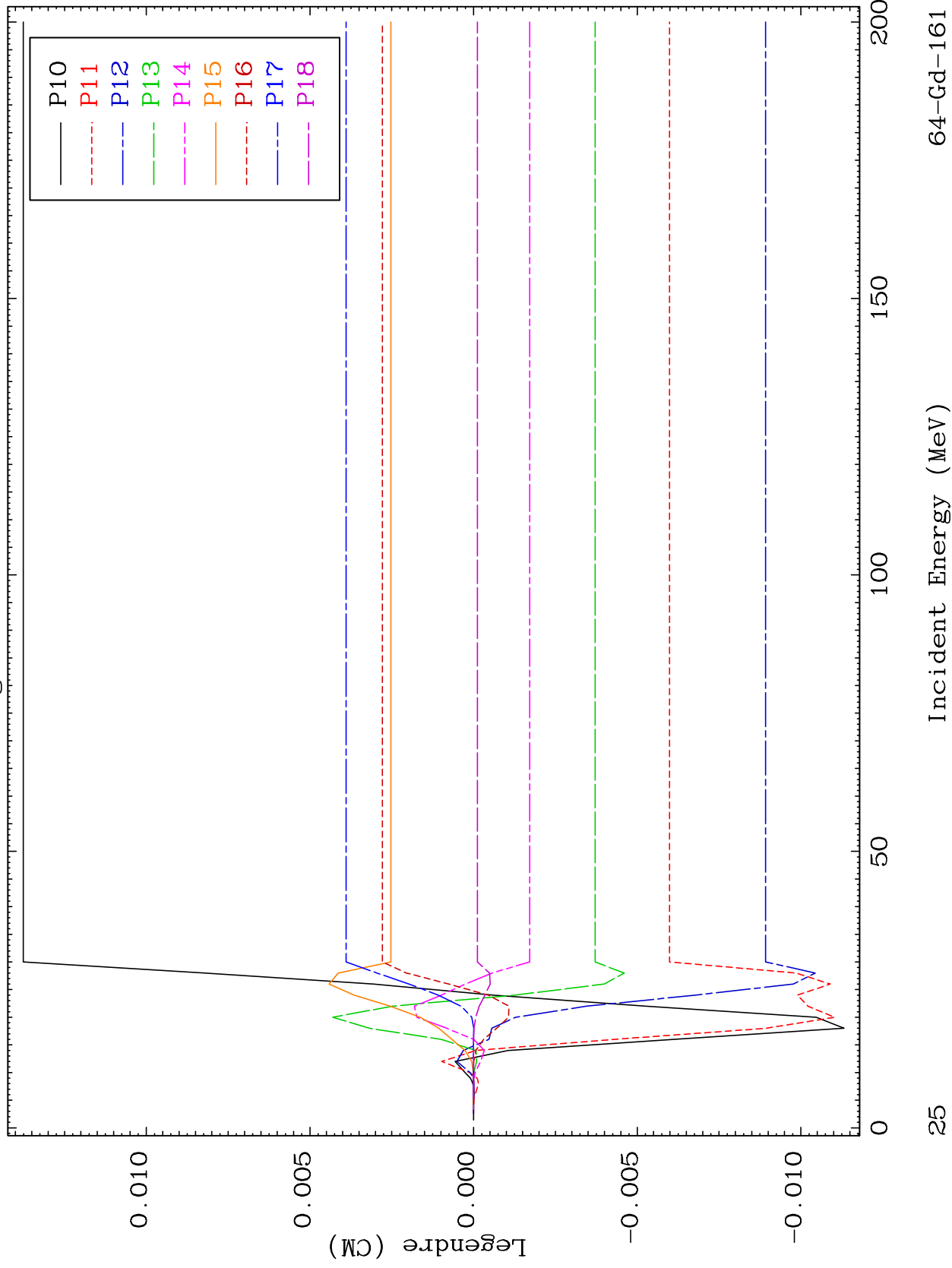
Incident Energy (MeV)

24

MAT 6452

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

64-Gd-161



64-Gd-161

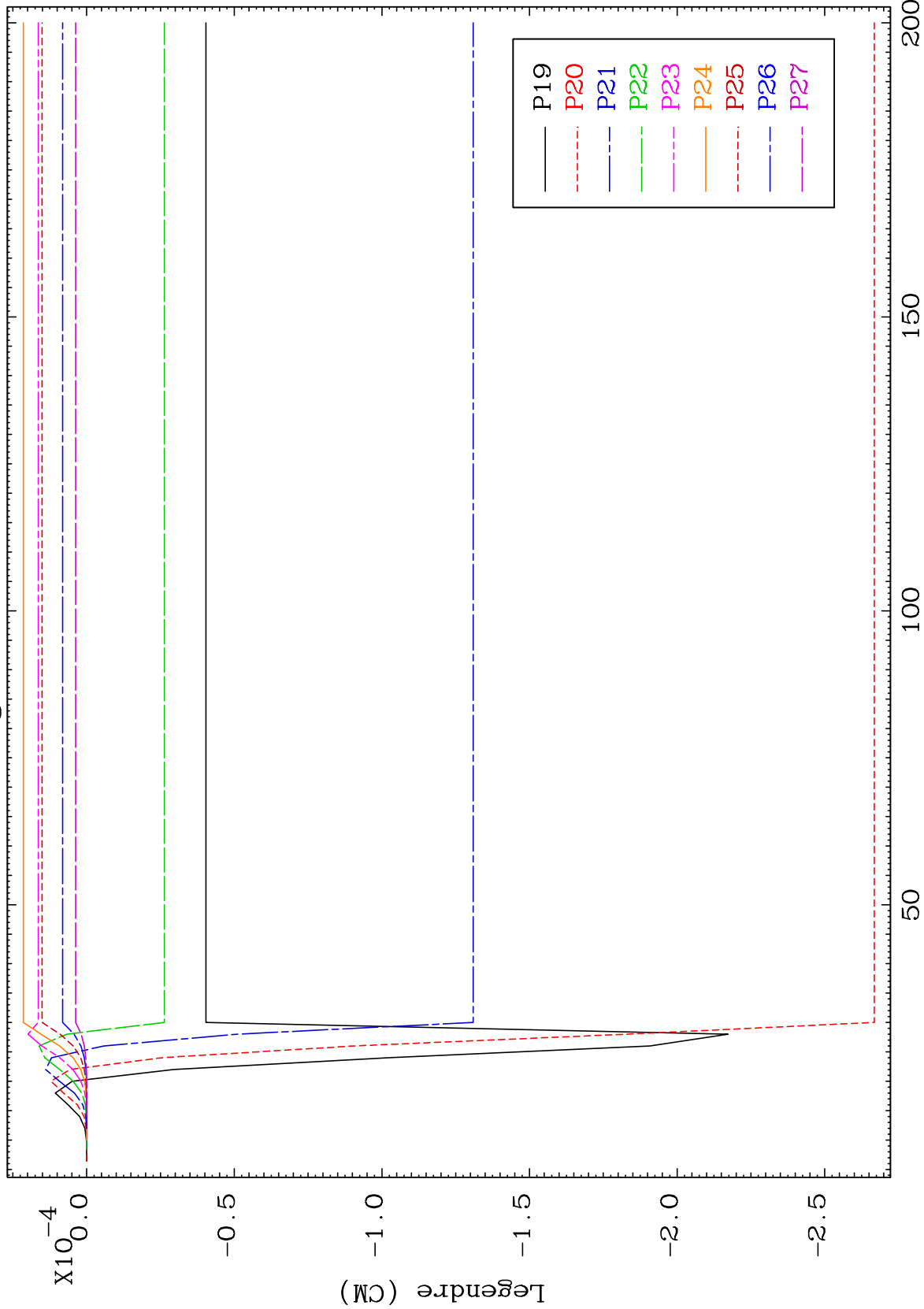
Incident Energy (MeV)

25

MAT 6452

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

64-Gd-161



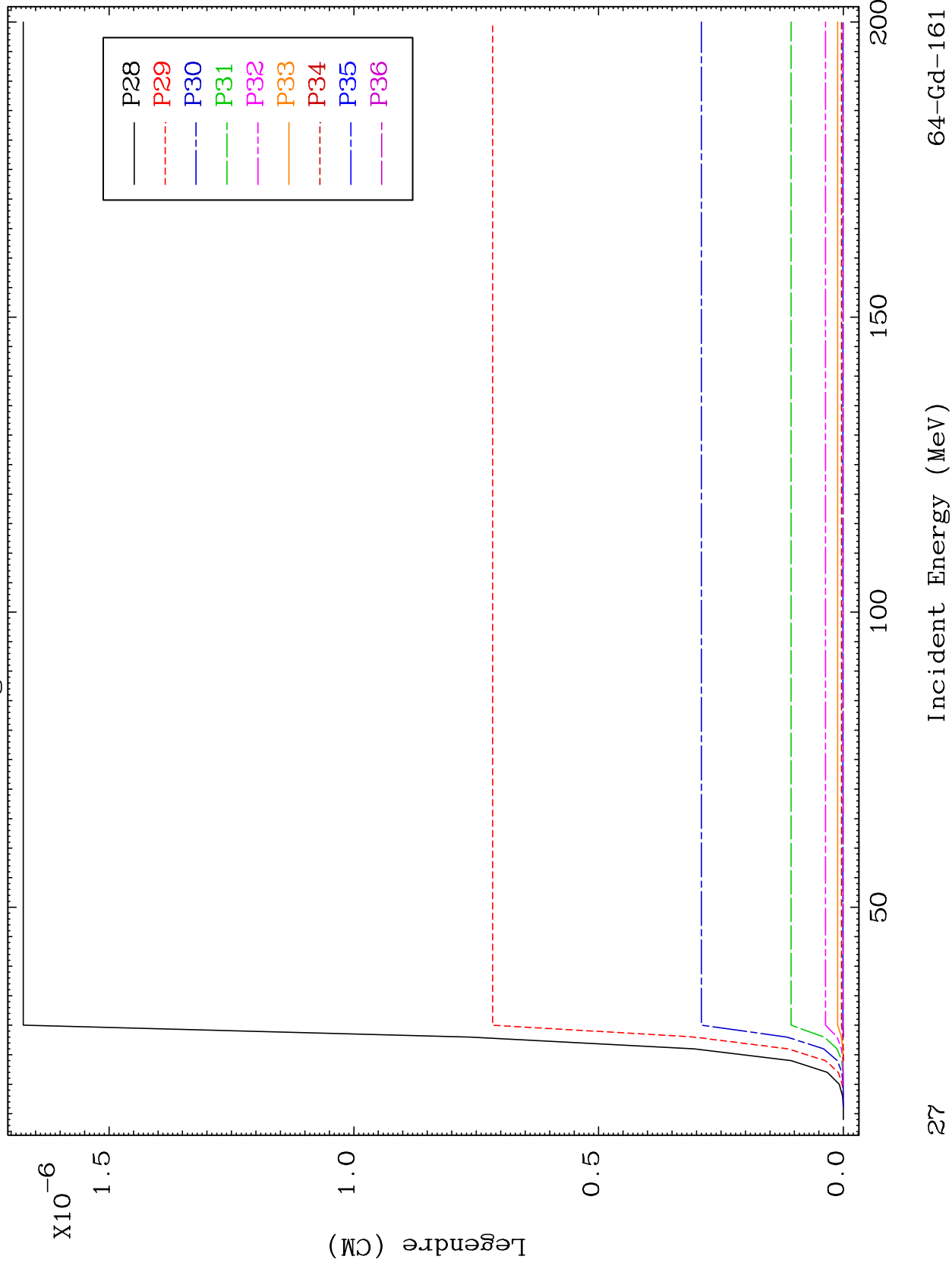
26

64-Gd-161

MAT 6452

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

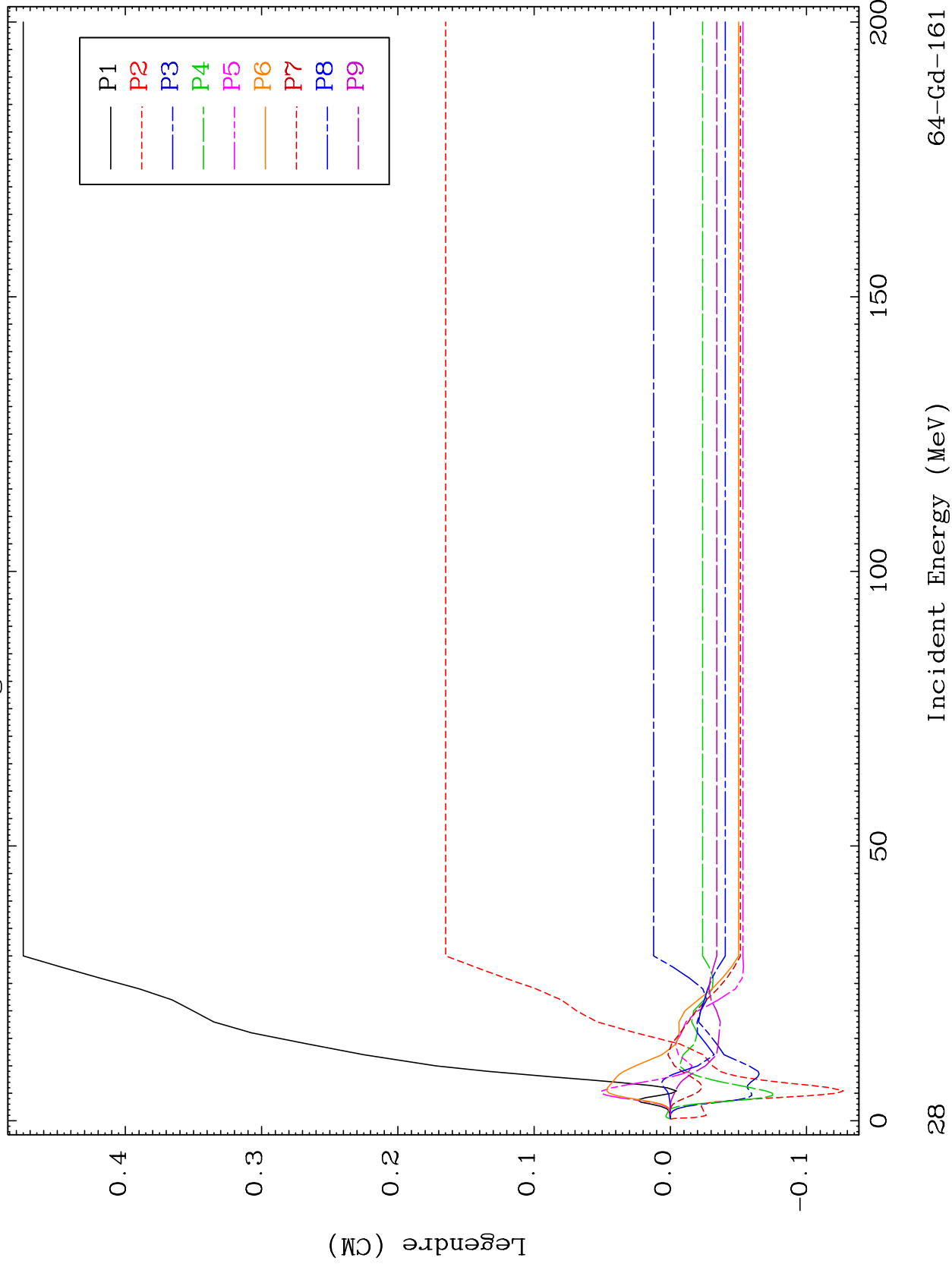
64-Gd-161



MAT 6452

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

64-Gd-161



64-Gd-161

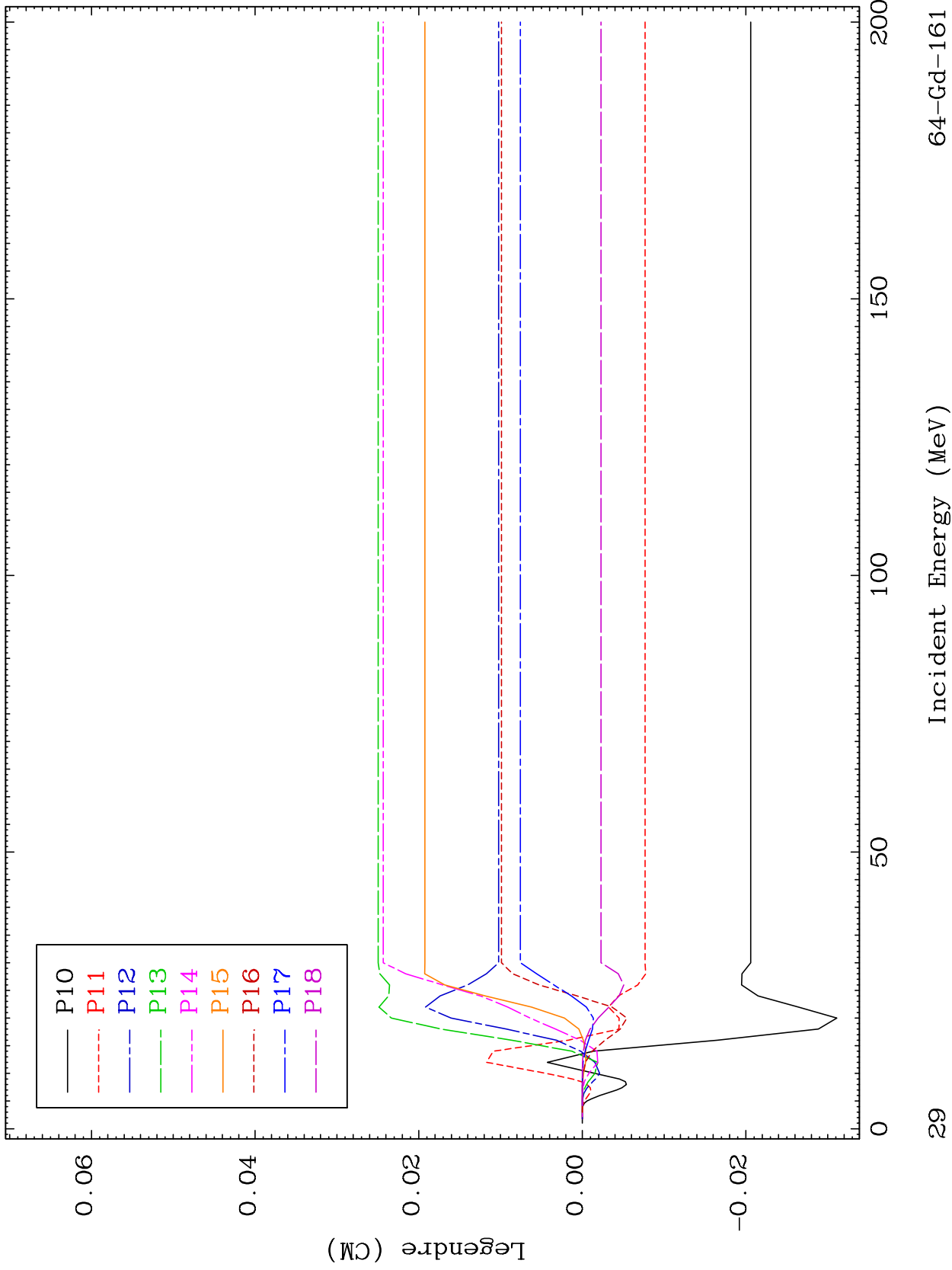
Incident Energy (MeV)

28

MAT 6452

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

64-Gd-161



29

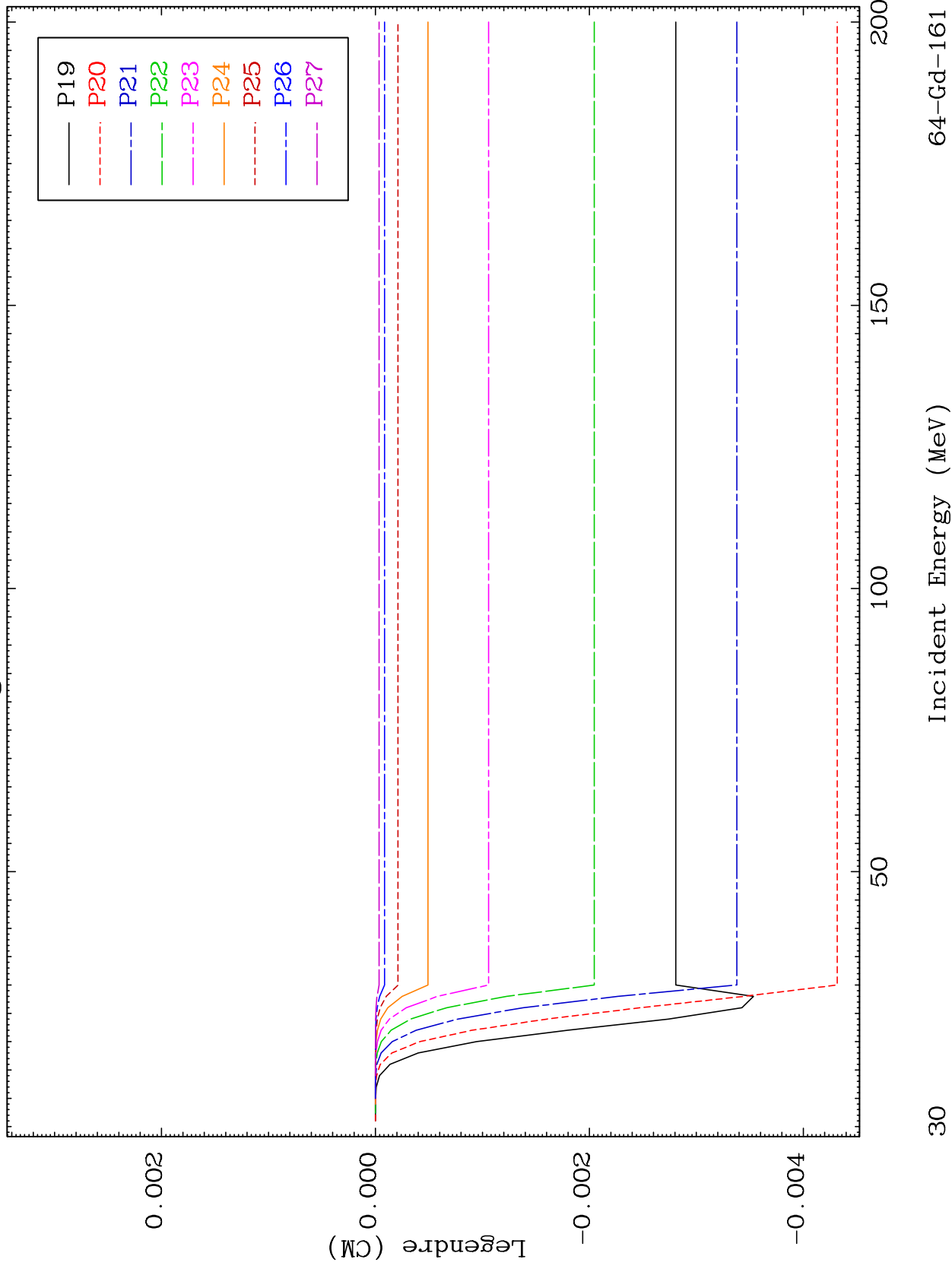
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

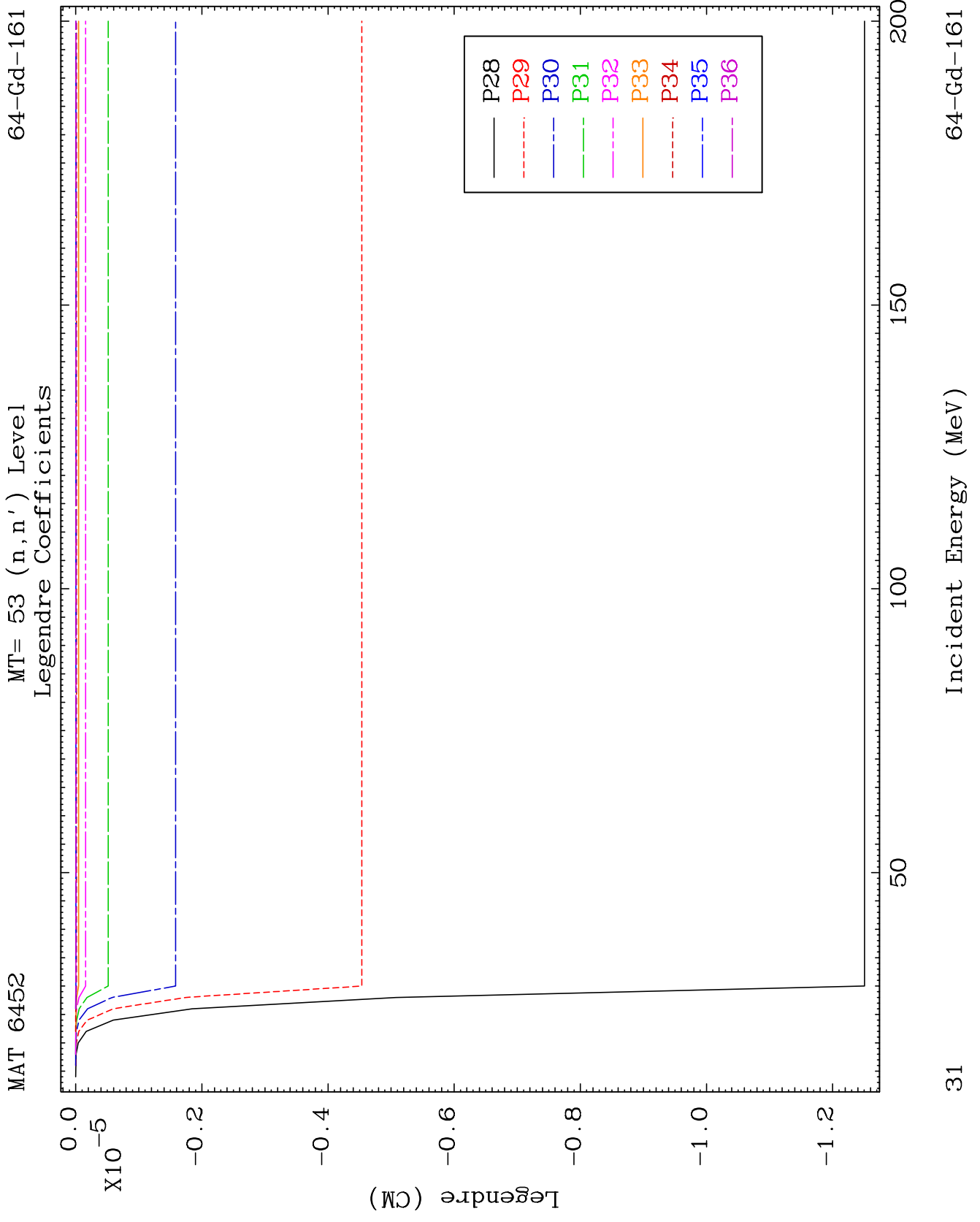
64-Gd-161



30

Incident Energy (MeV)

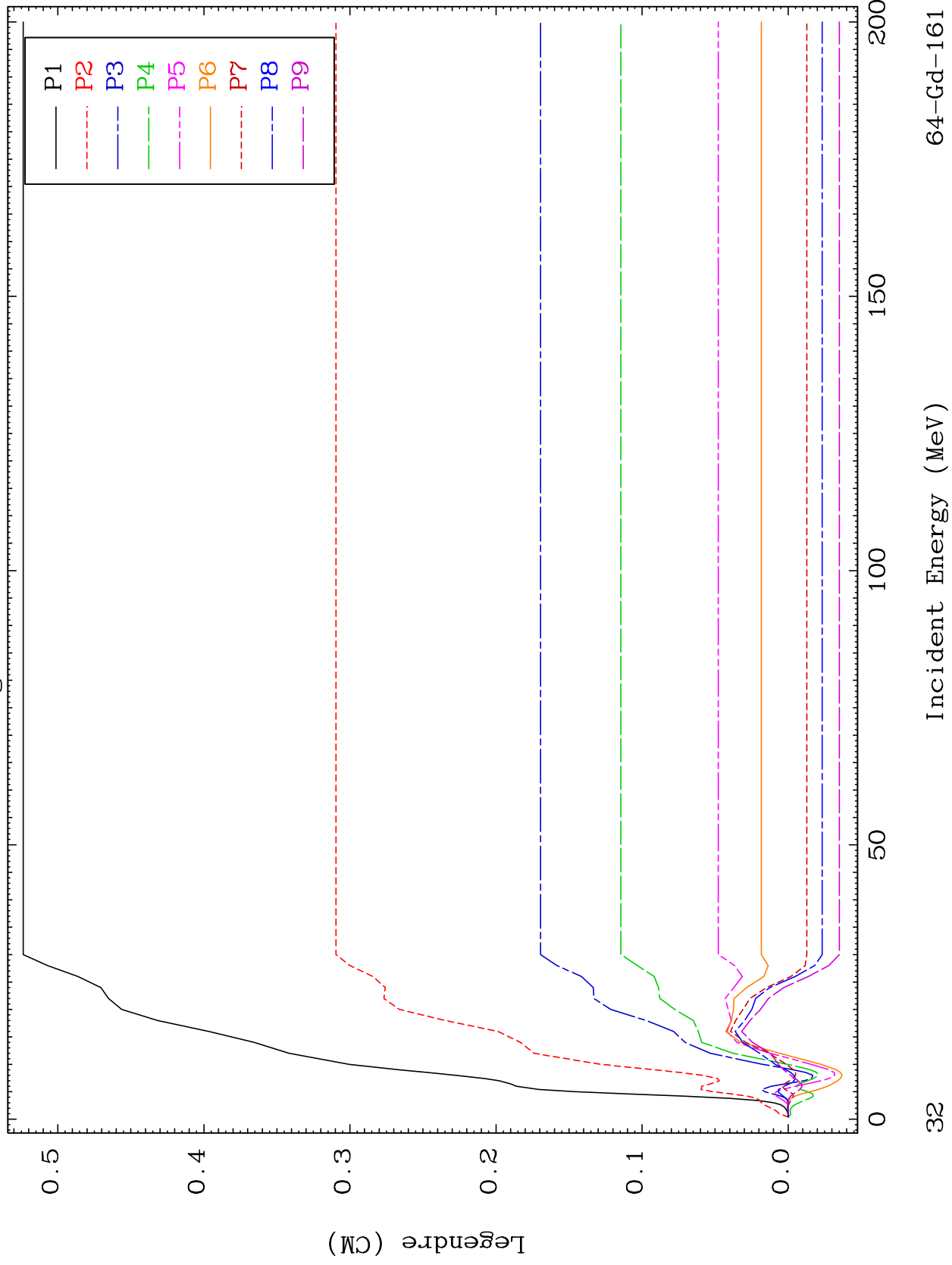
64-Gd-161



MAT 6452

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

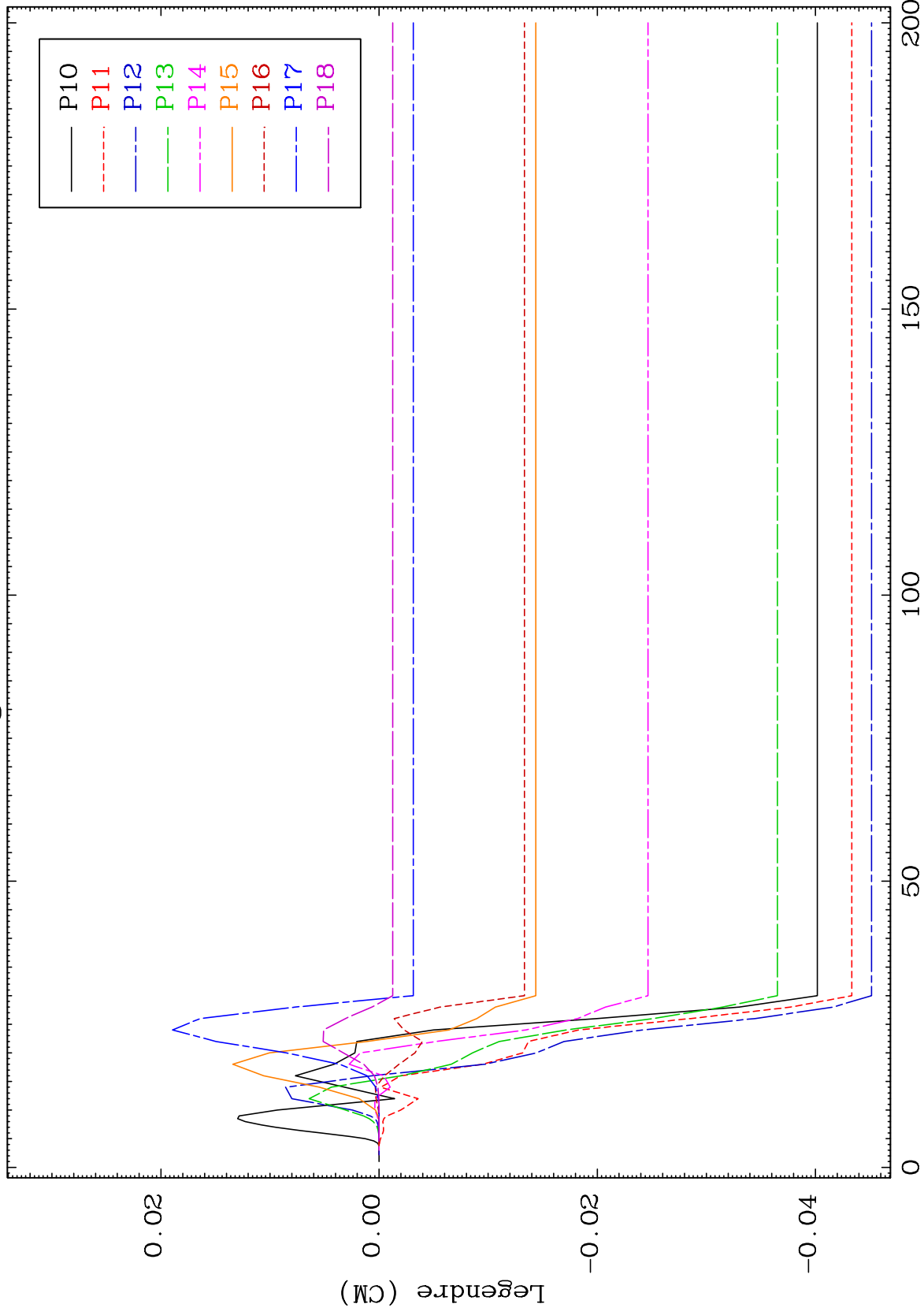
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MAT 6452

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

64-Gd-161



64-Gd-161

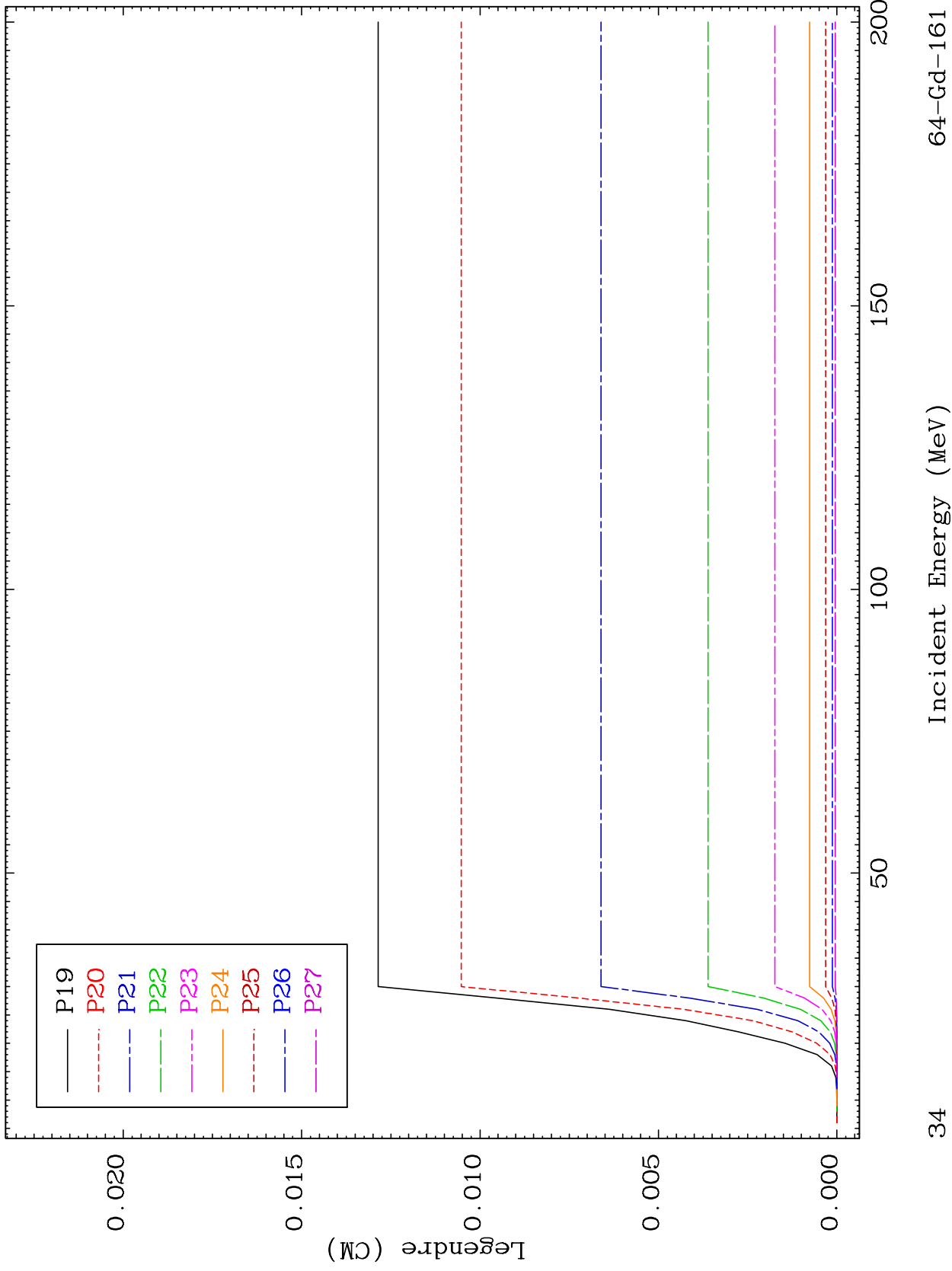
Incident Energy (MeV)

33

MAT 6452

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

64-Gd-161



34

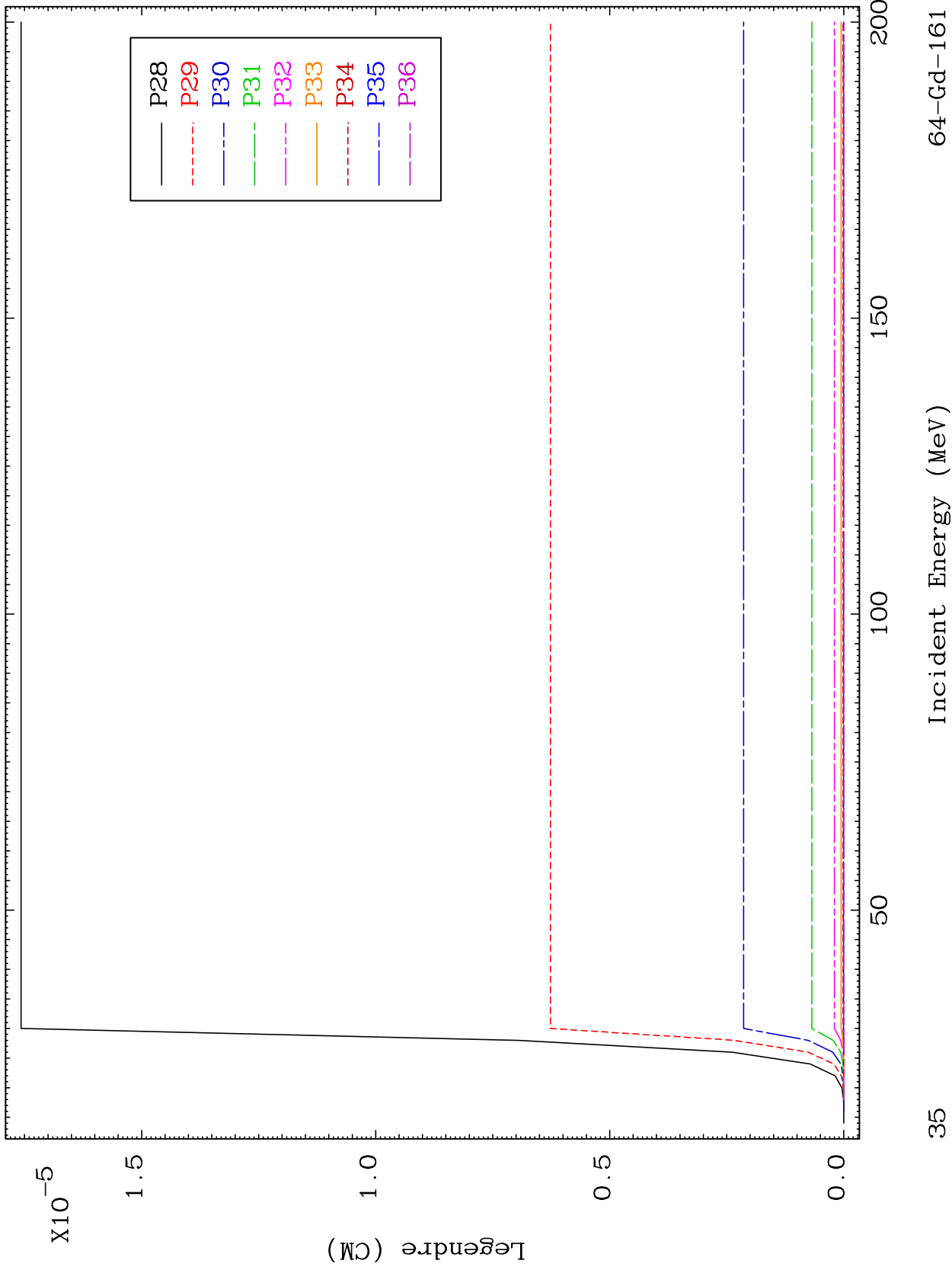
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



35

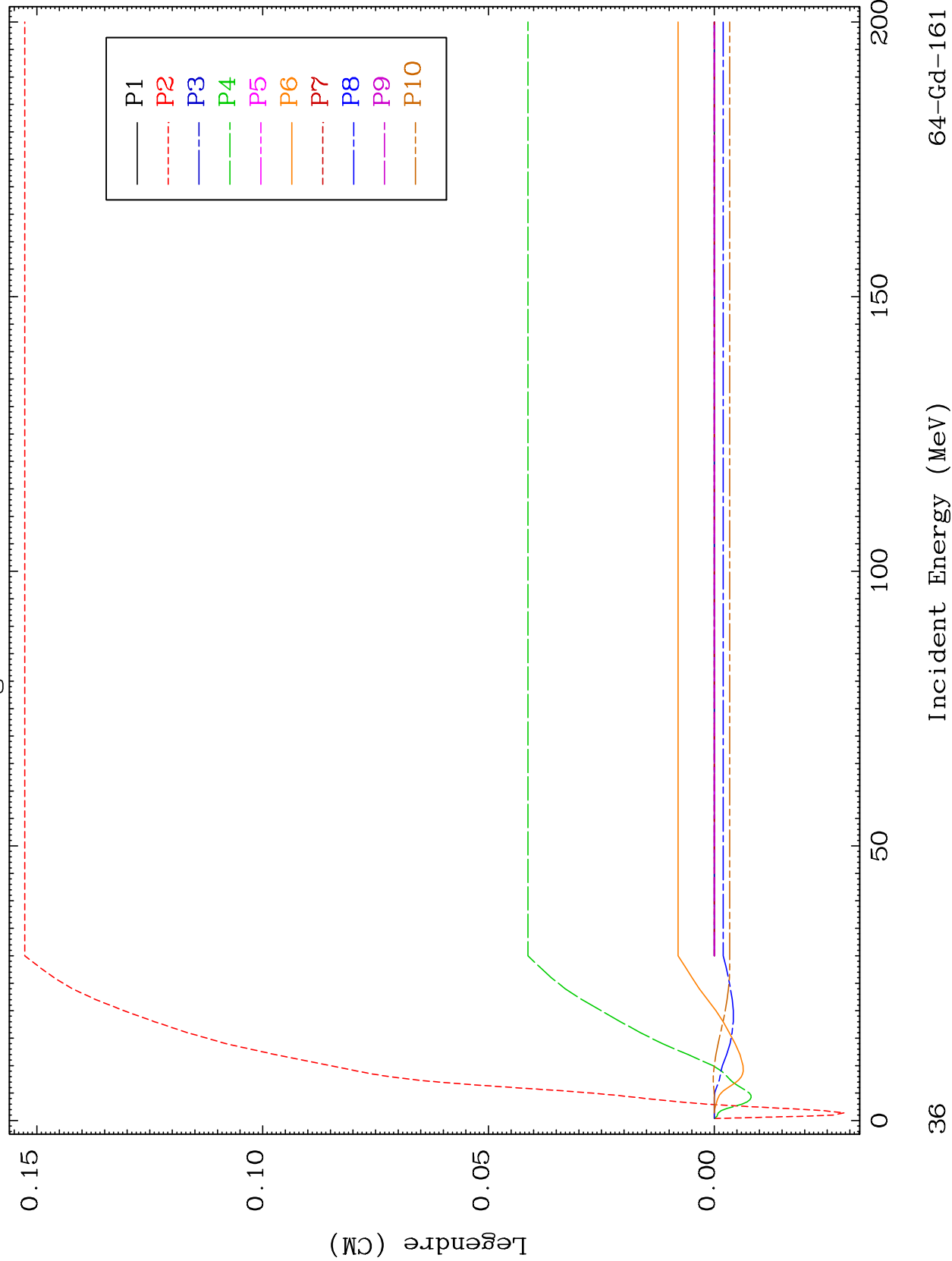
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



64-Gd-161

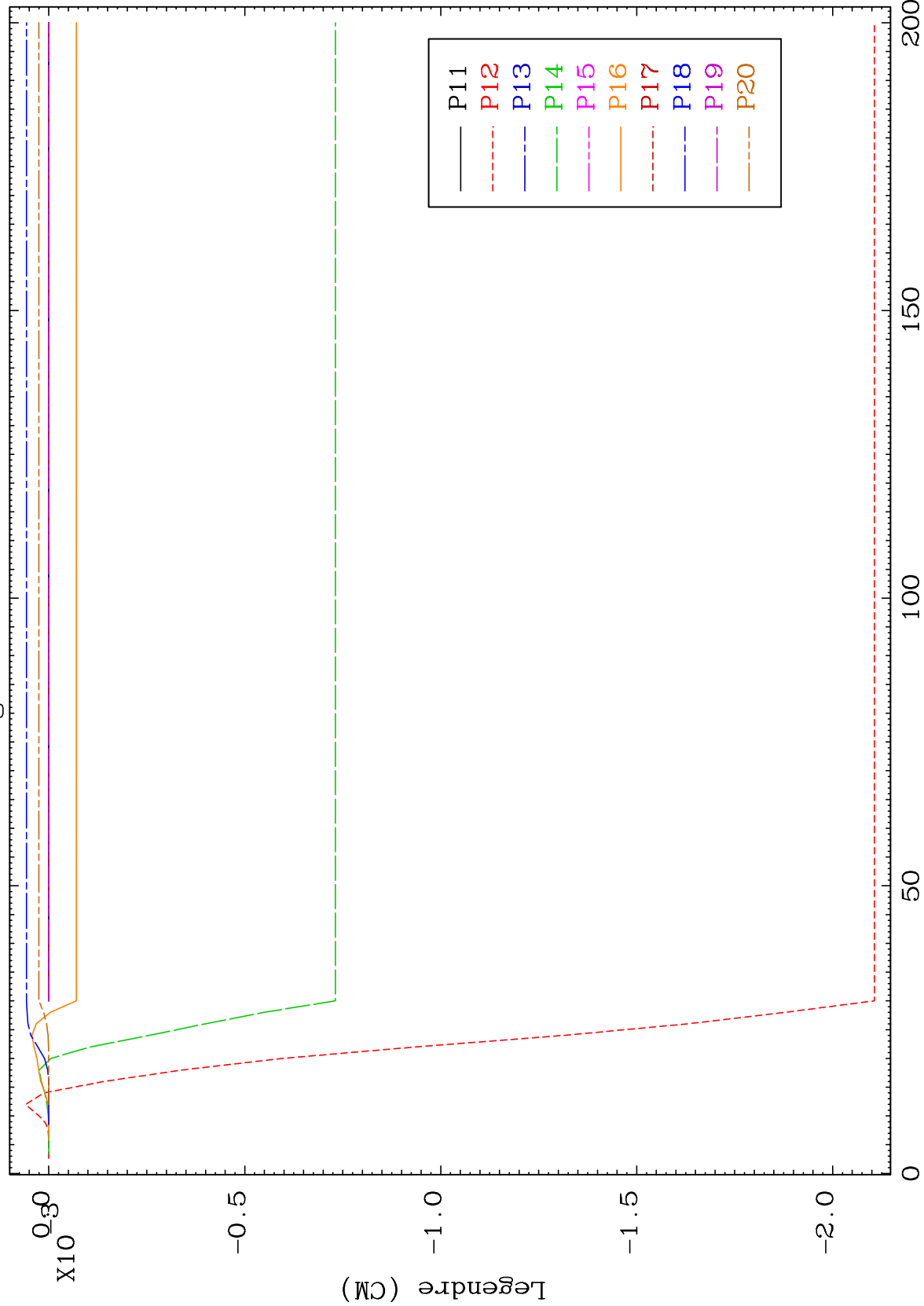
Incident Energy (MeV)

36

MAT 6452

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

64-Gd-161



37

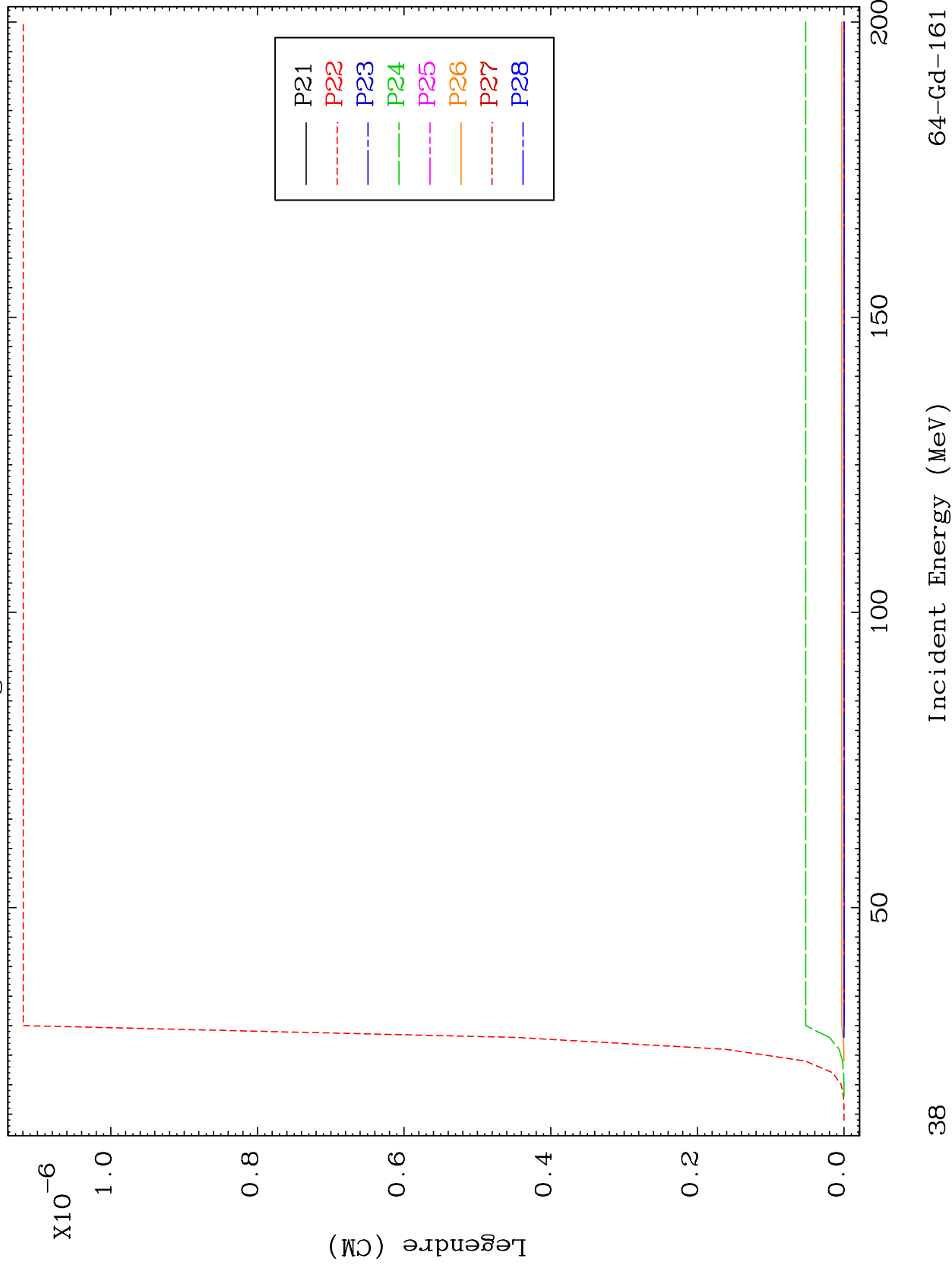
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



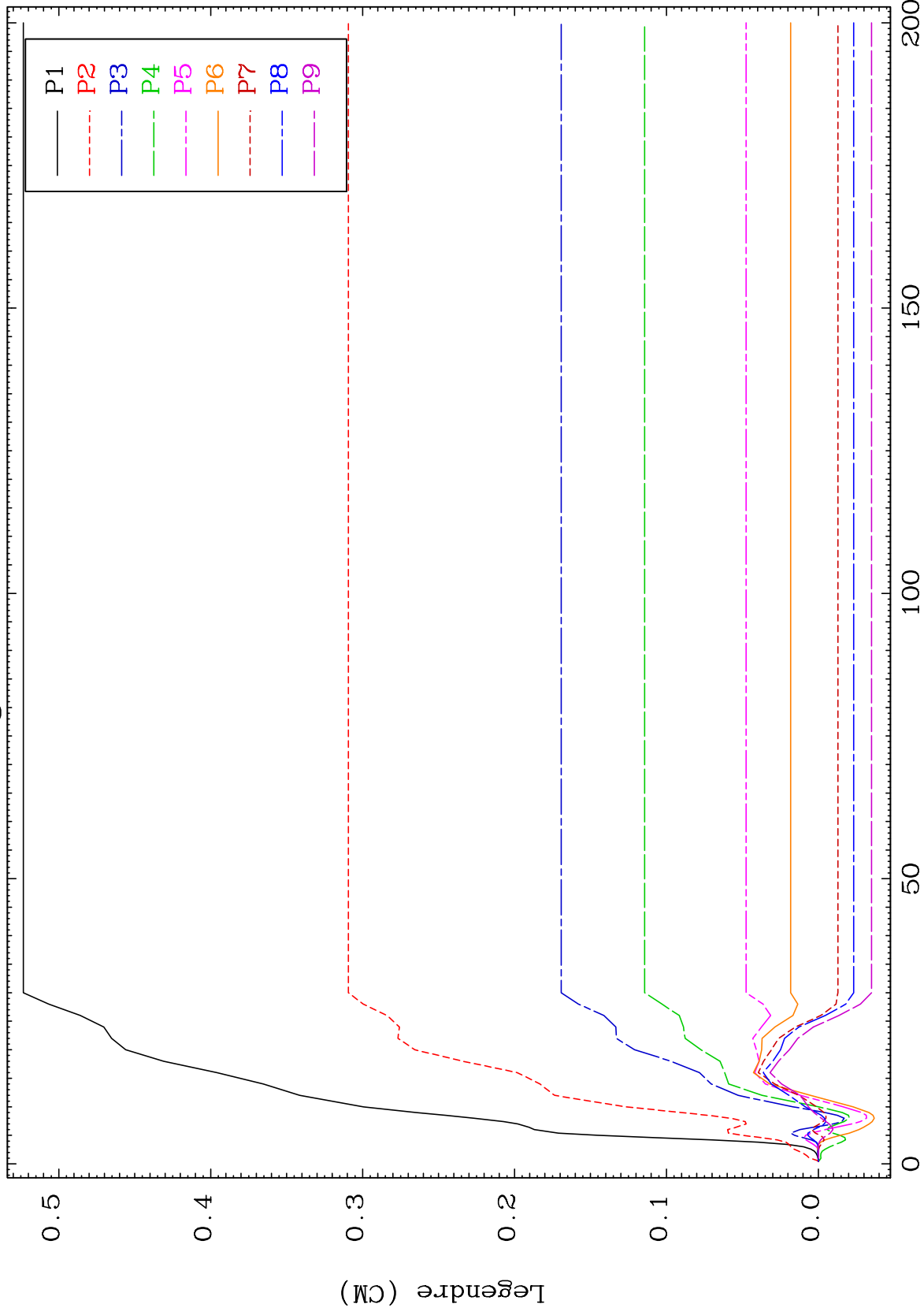
38

64-Gd-161

MAT 6452

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

64-Gd-161



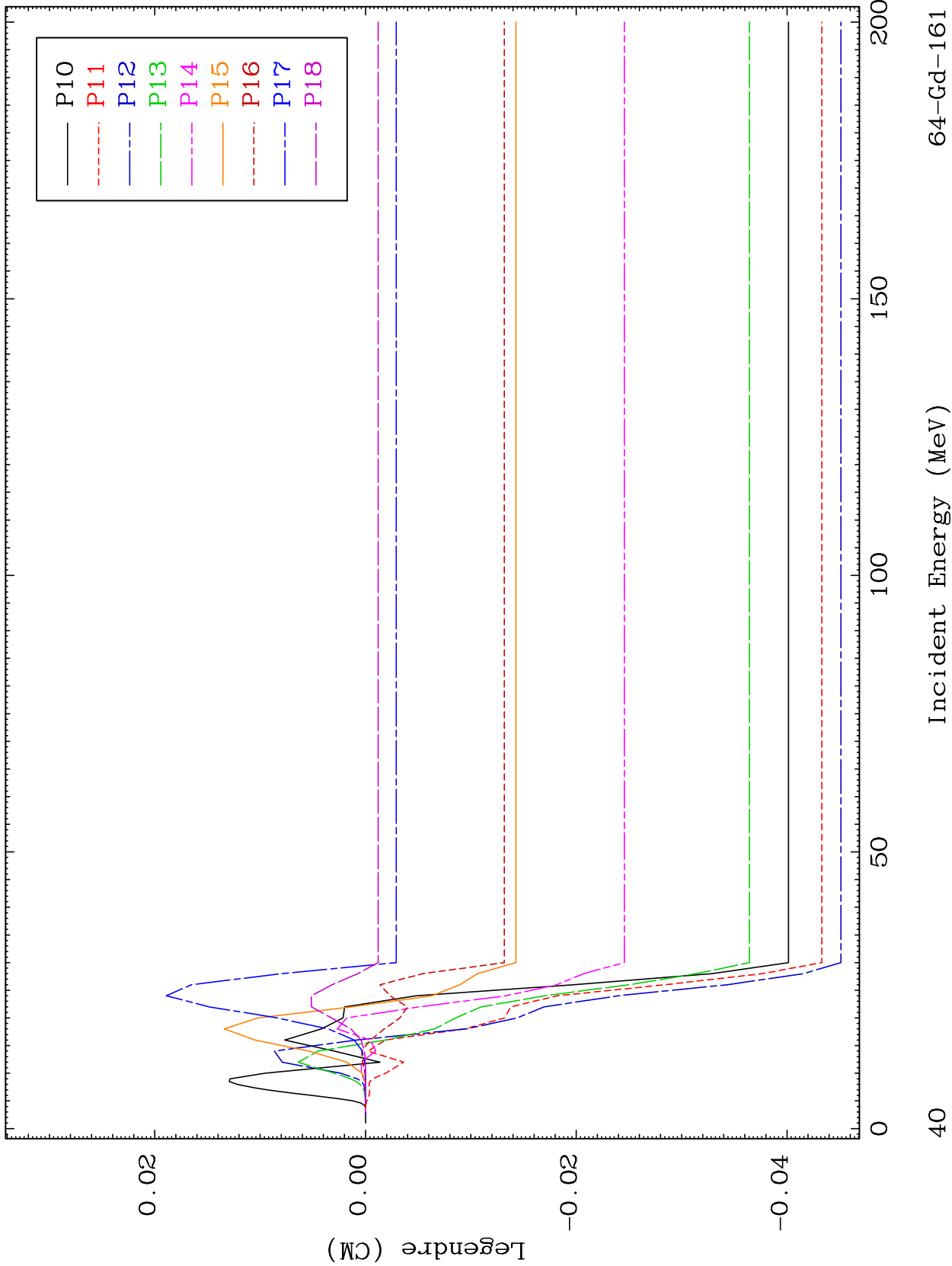
39

64-Gd-161

MAT 6452

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

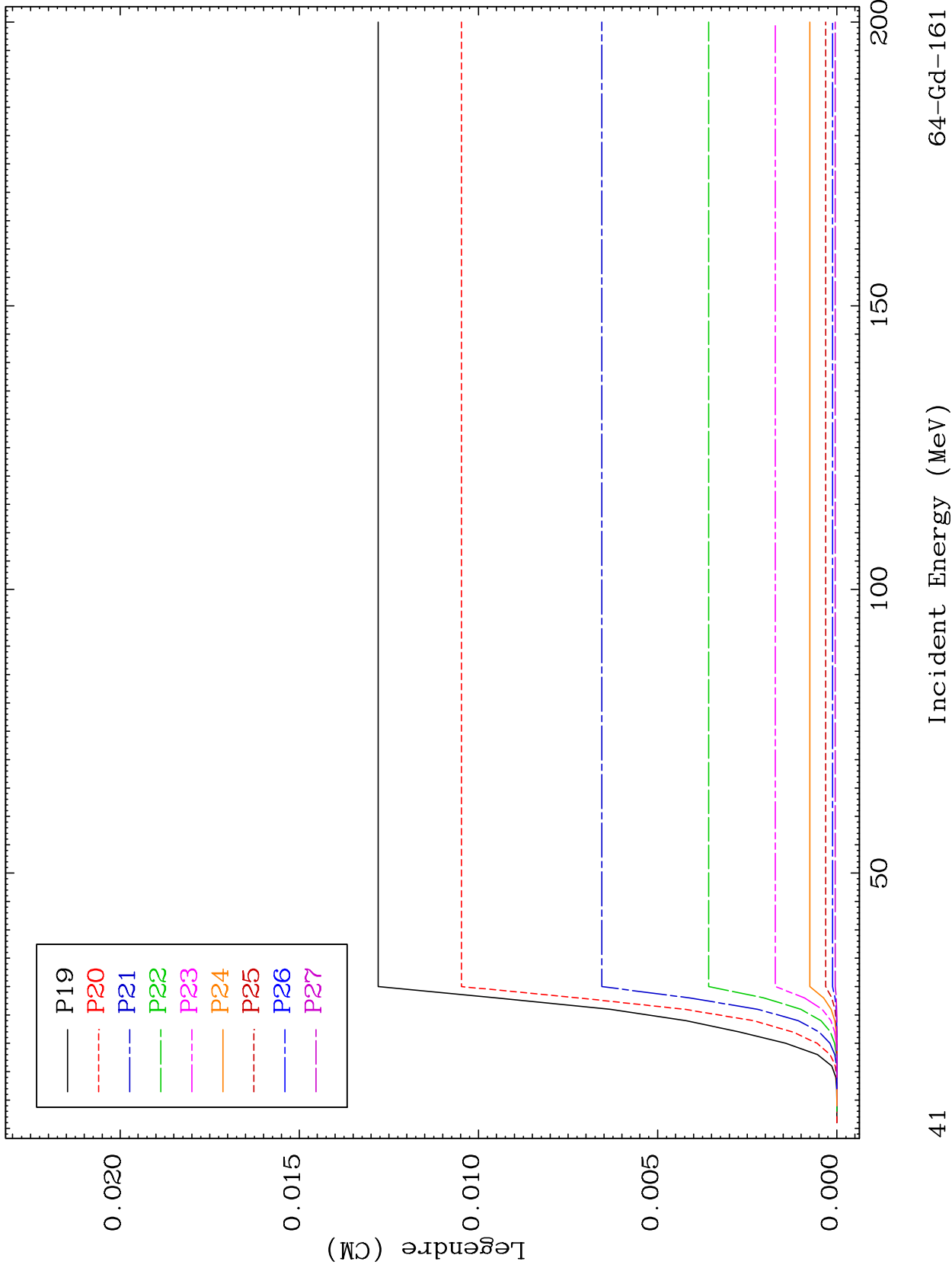
64-Gd-161



64-Gd-161

Incident Energy (MeV)

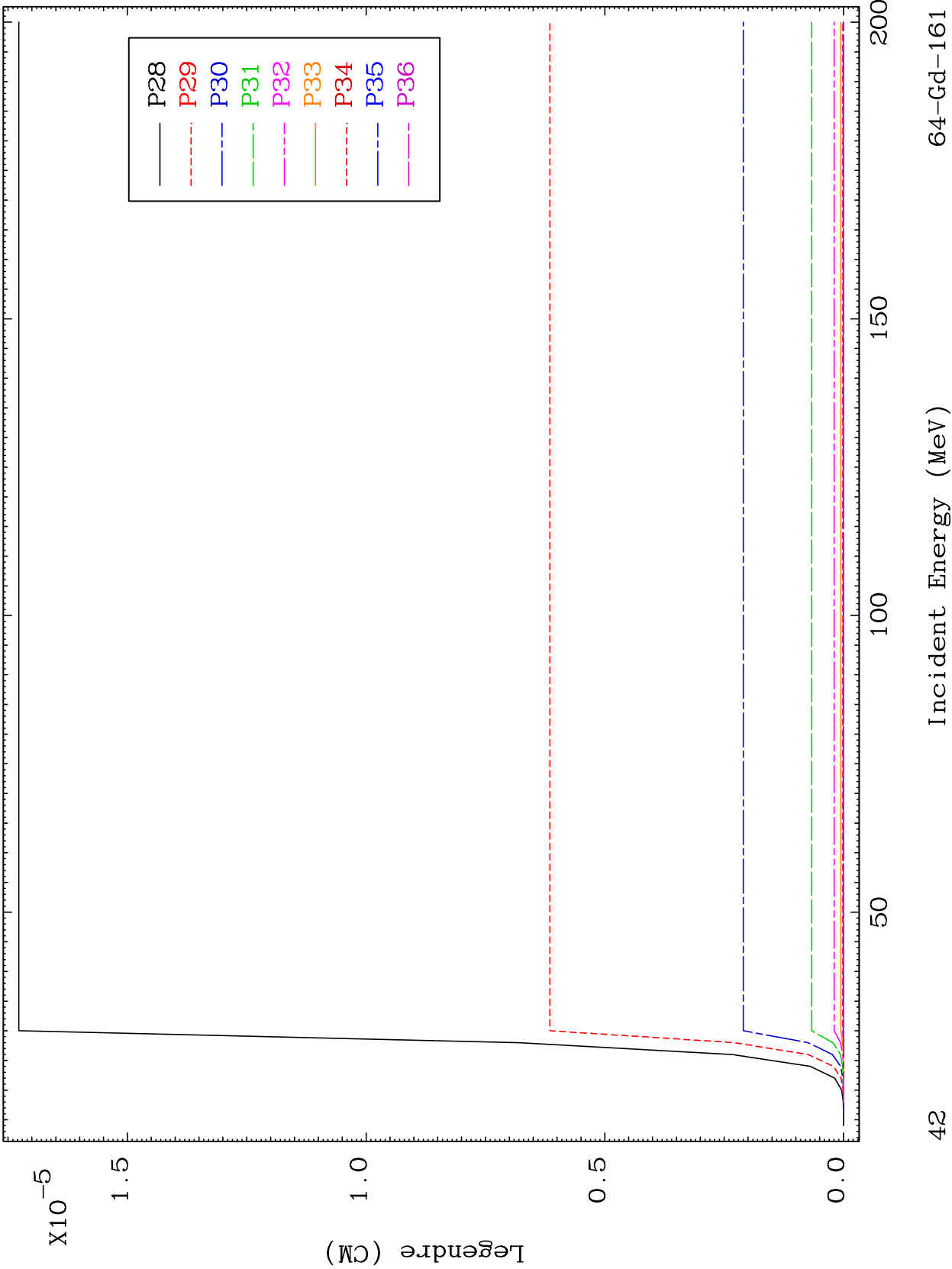
40



MAT 6452

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

64-Gd-161



42

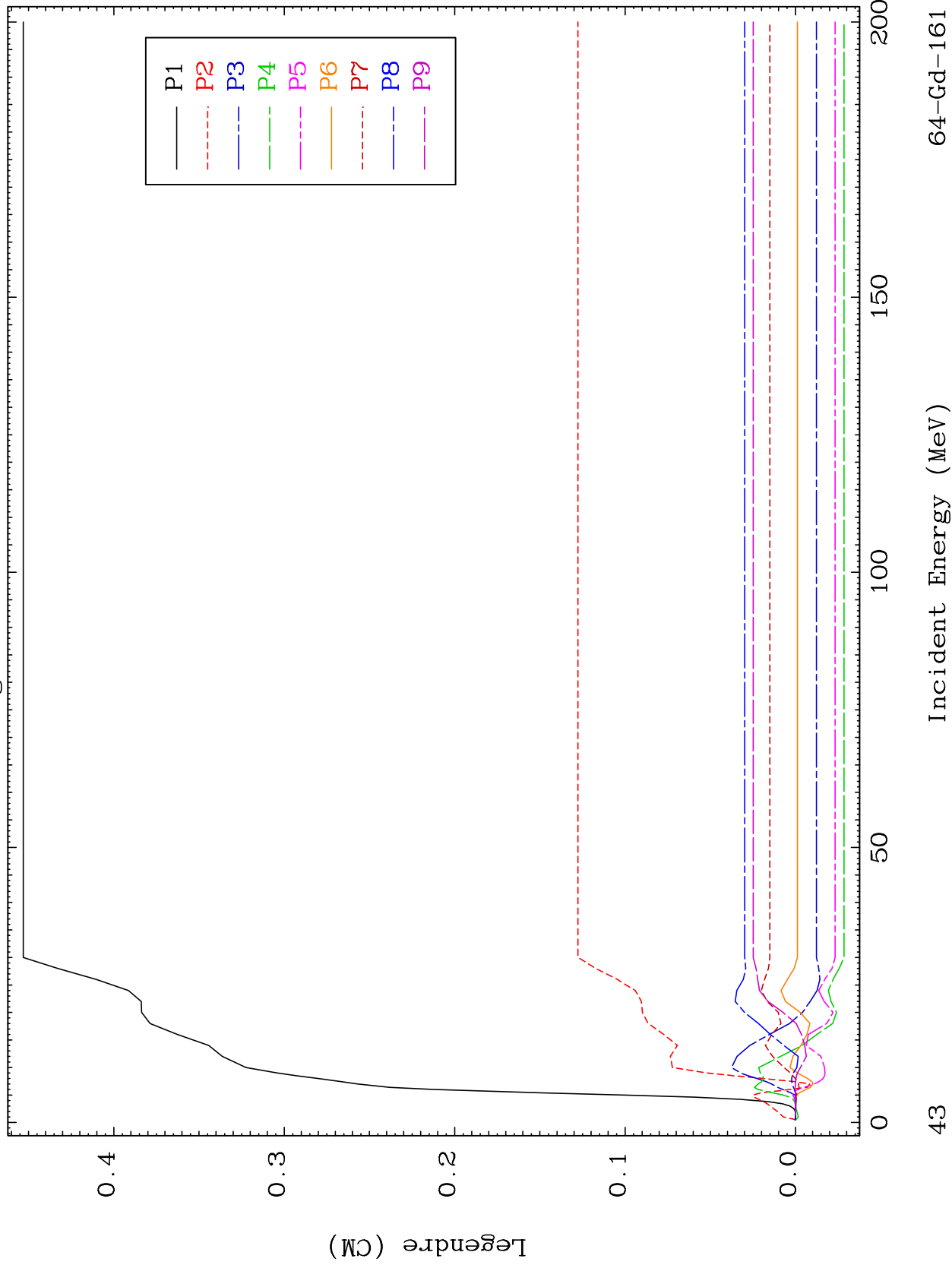
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



43

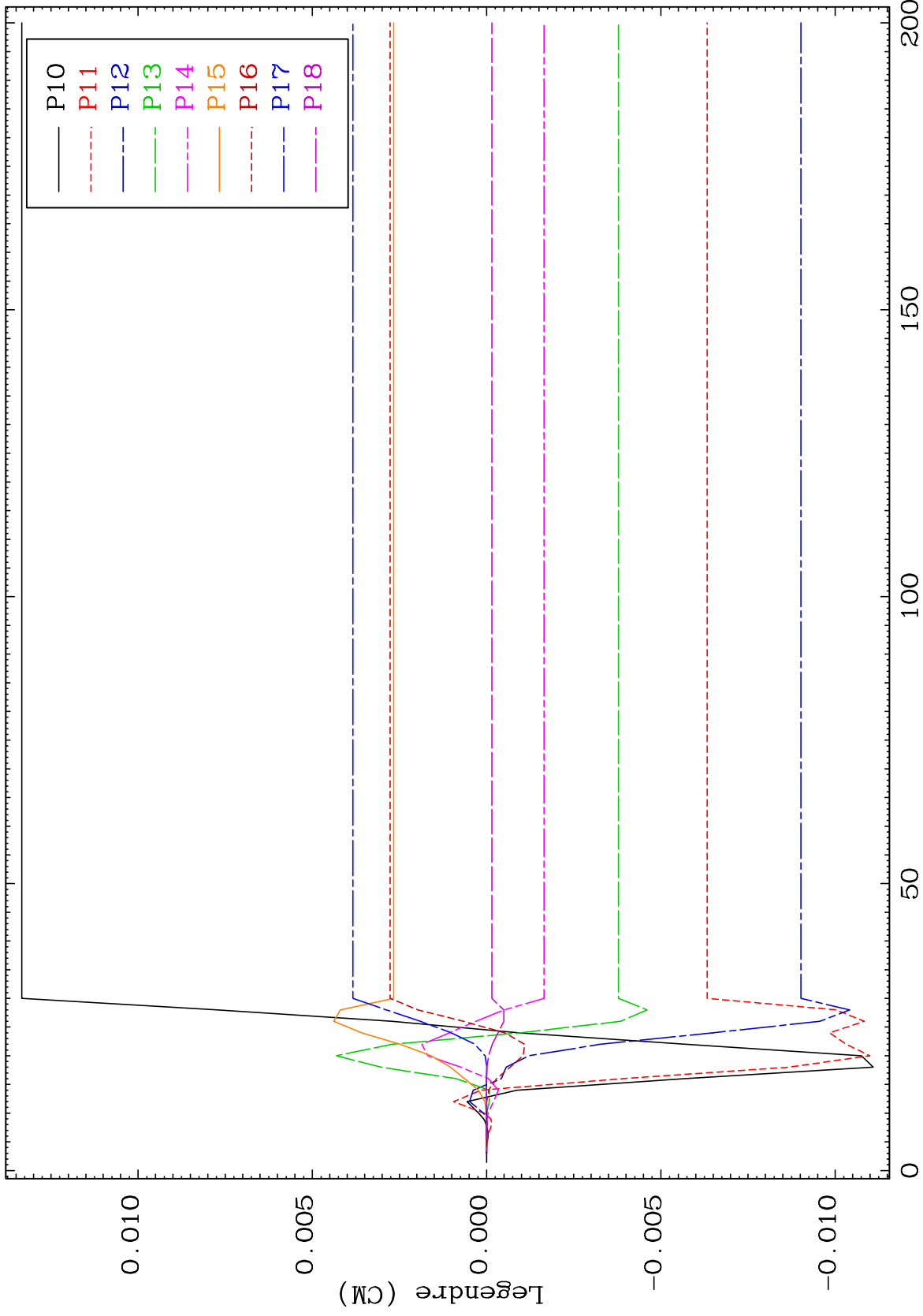
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

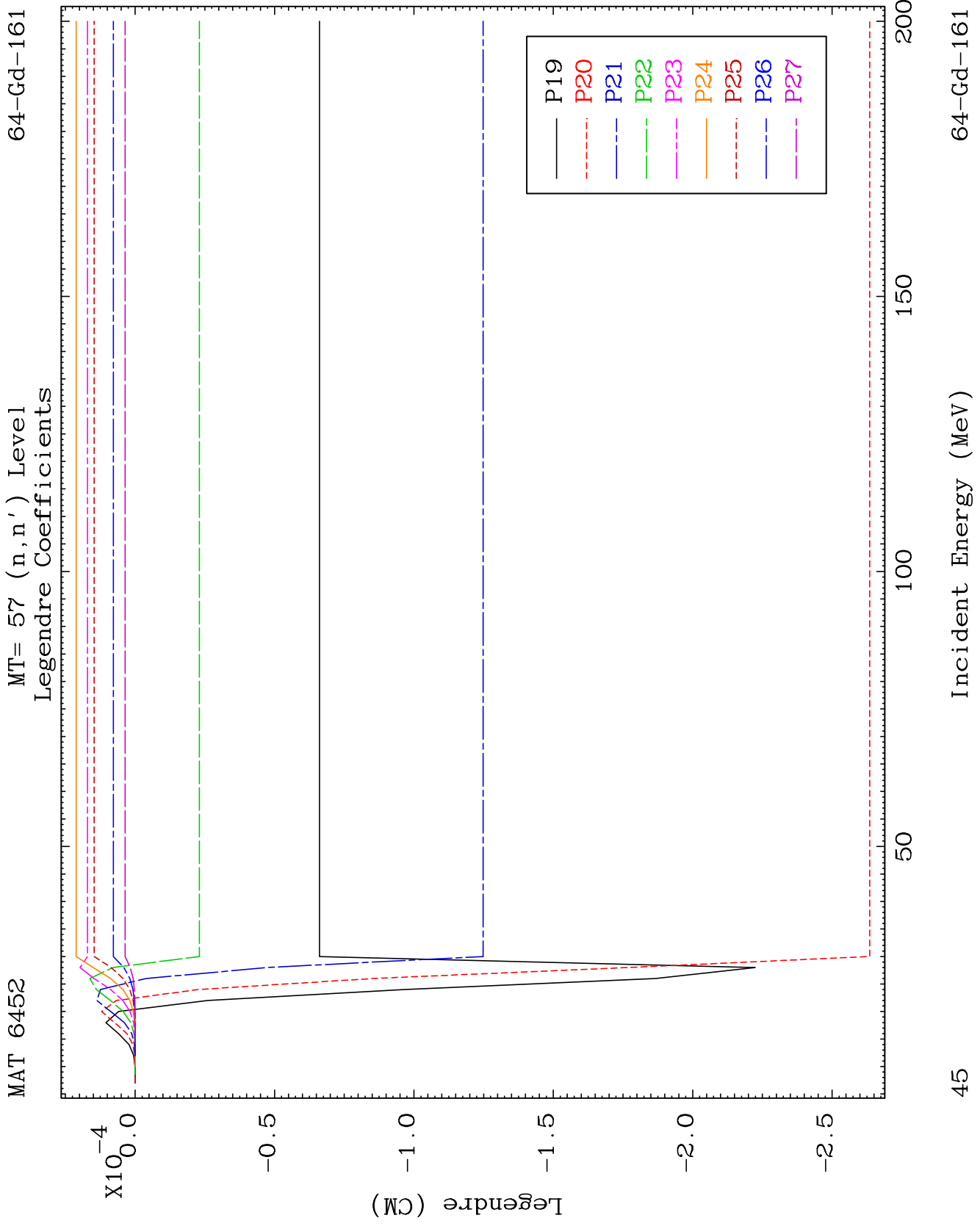
64-Gd-161



44

Incident Energy (MeV)

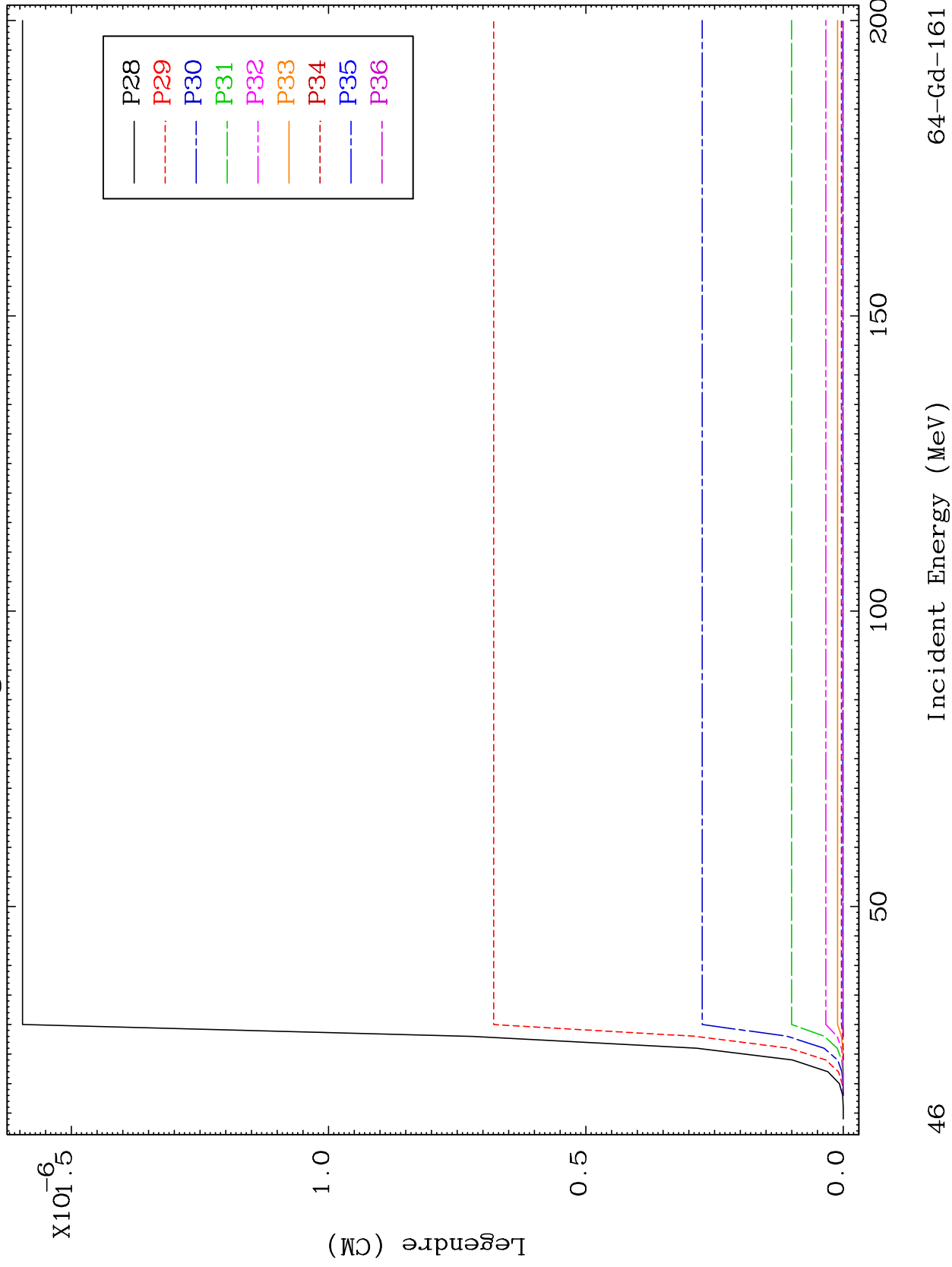
64-Gd-161



MAT 6452

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

64-Gd-161



46

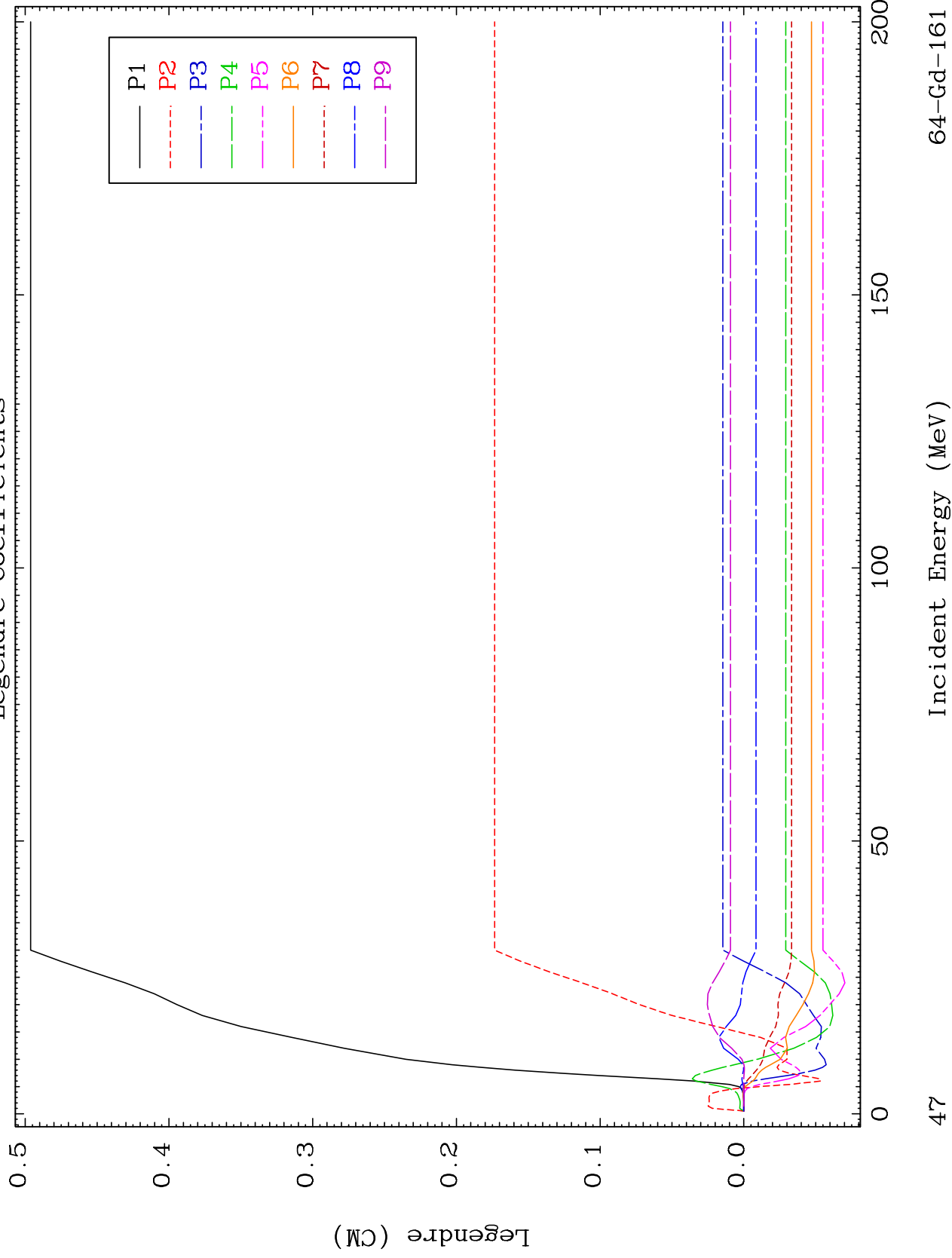
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



47

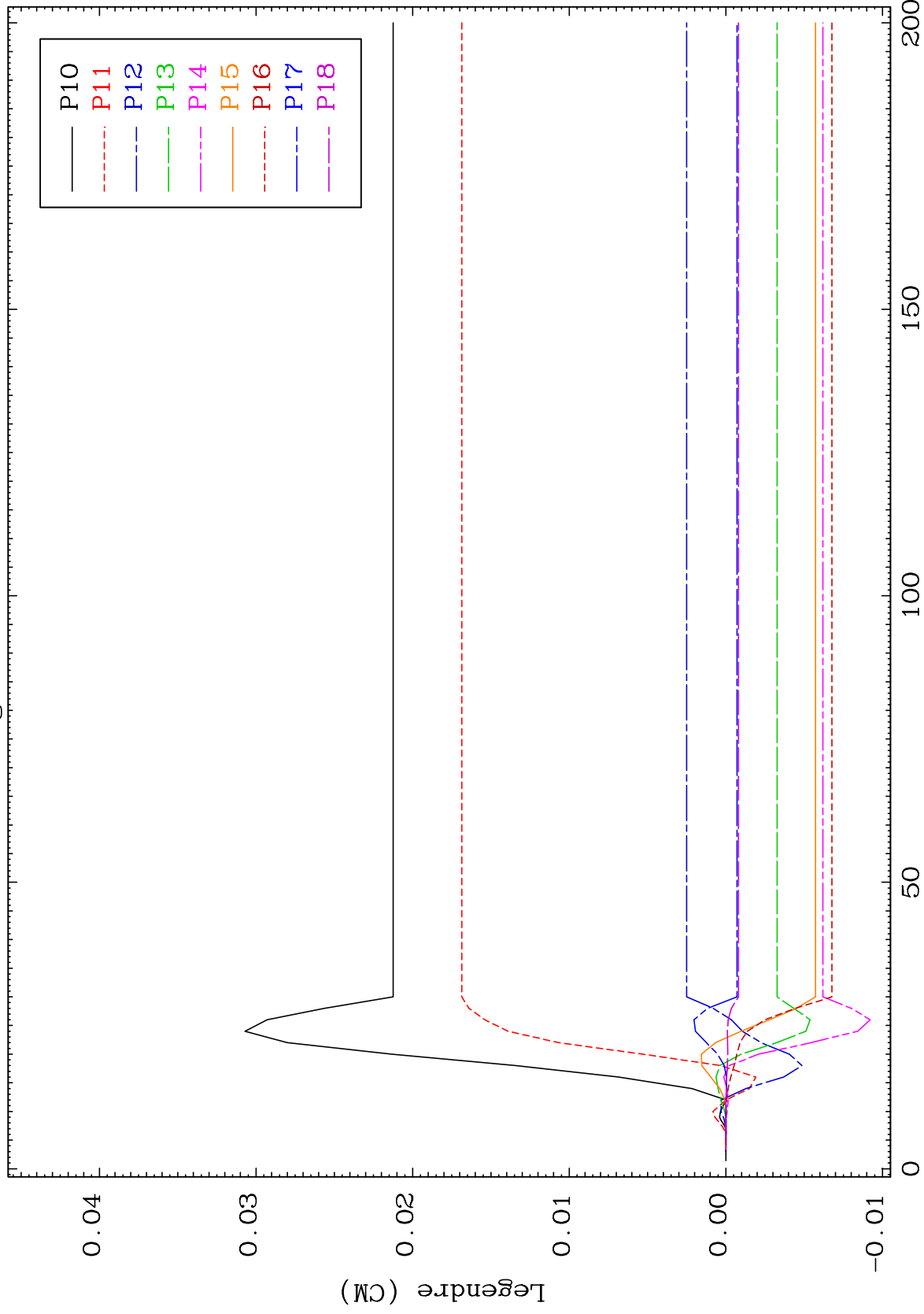
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



48

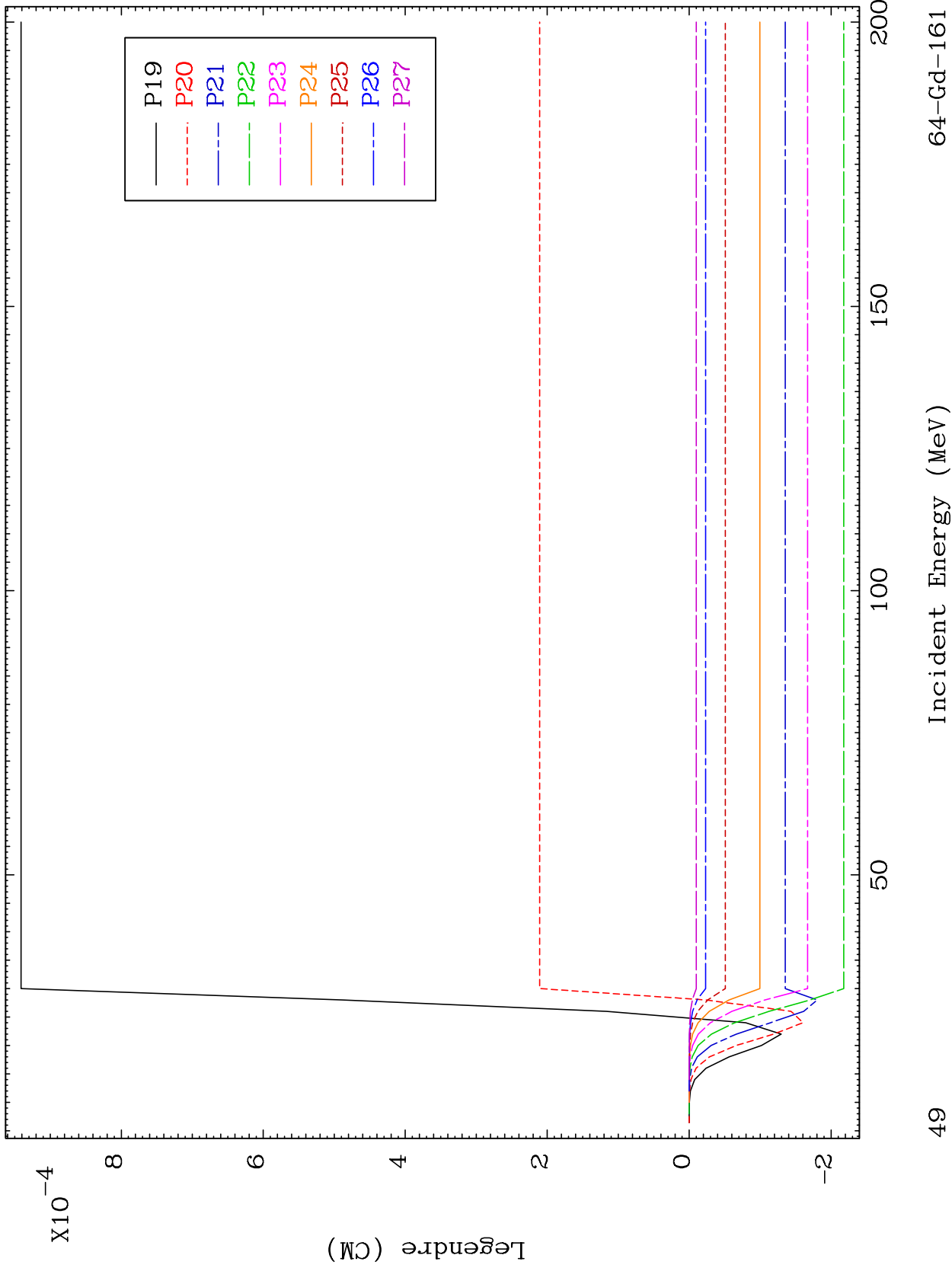
64-Gd-161

64-Gd-161

MAT 6452

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

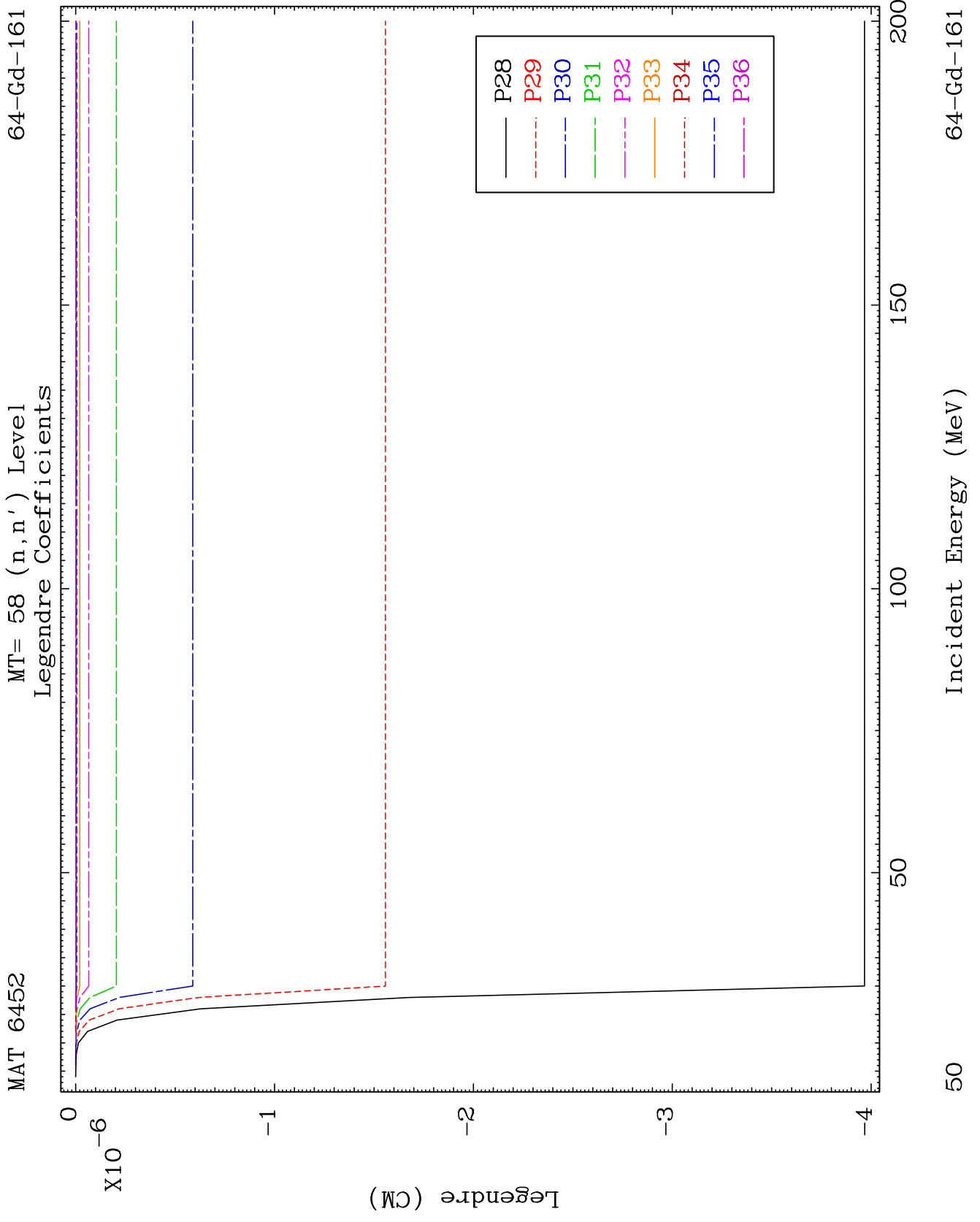
64-Gd-161



49

Incident Energy (MeV)

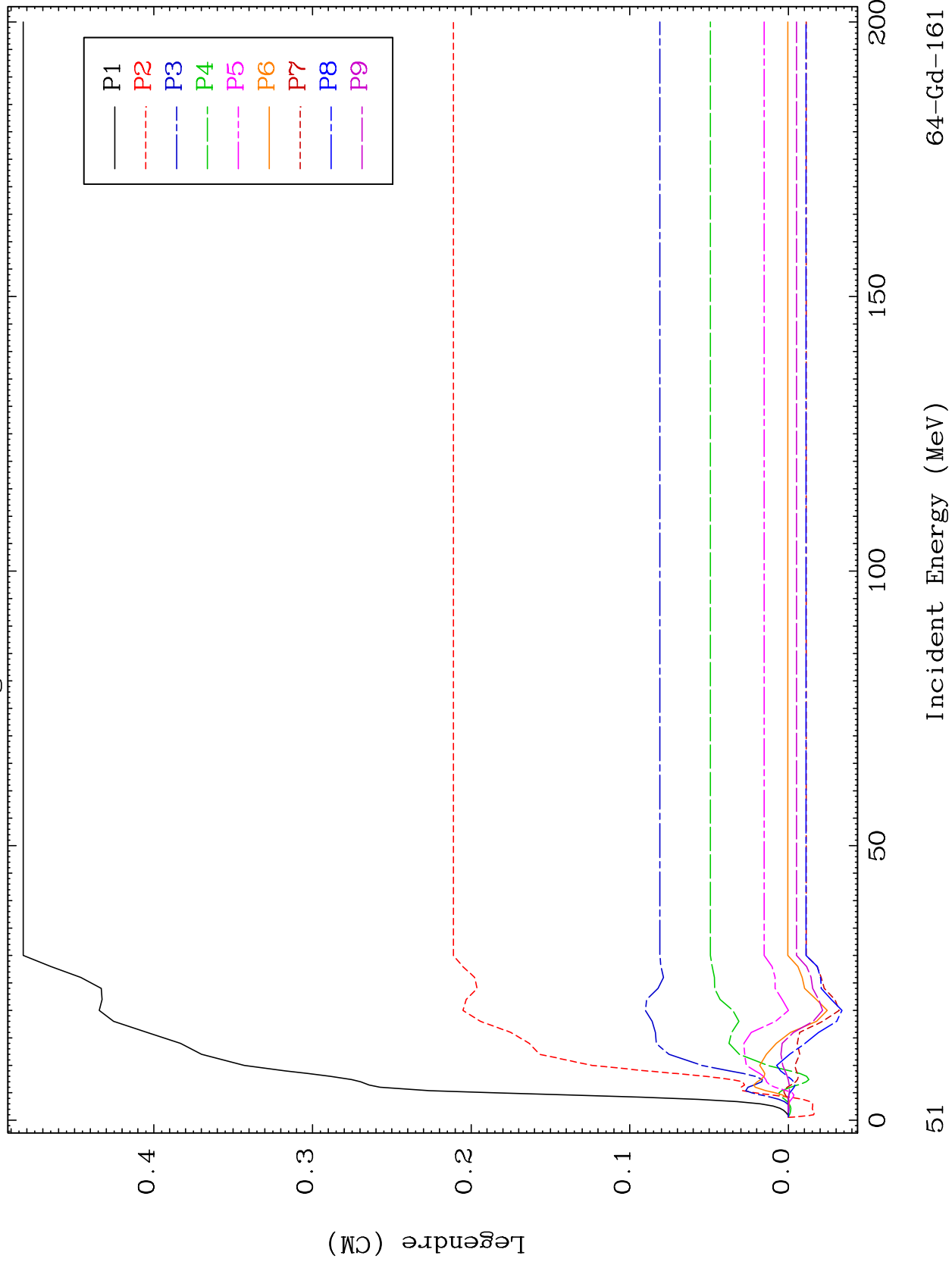
64-Gd-161



MAT 6452

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

64-Gd-161



64-Gd-161

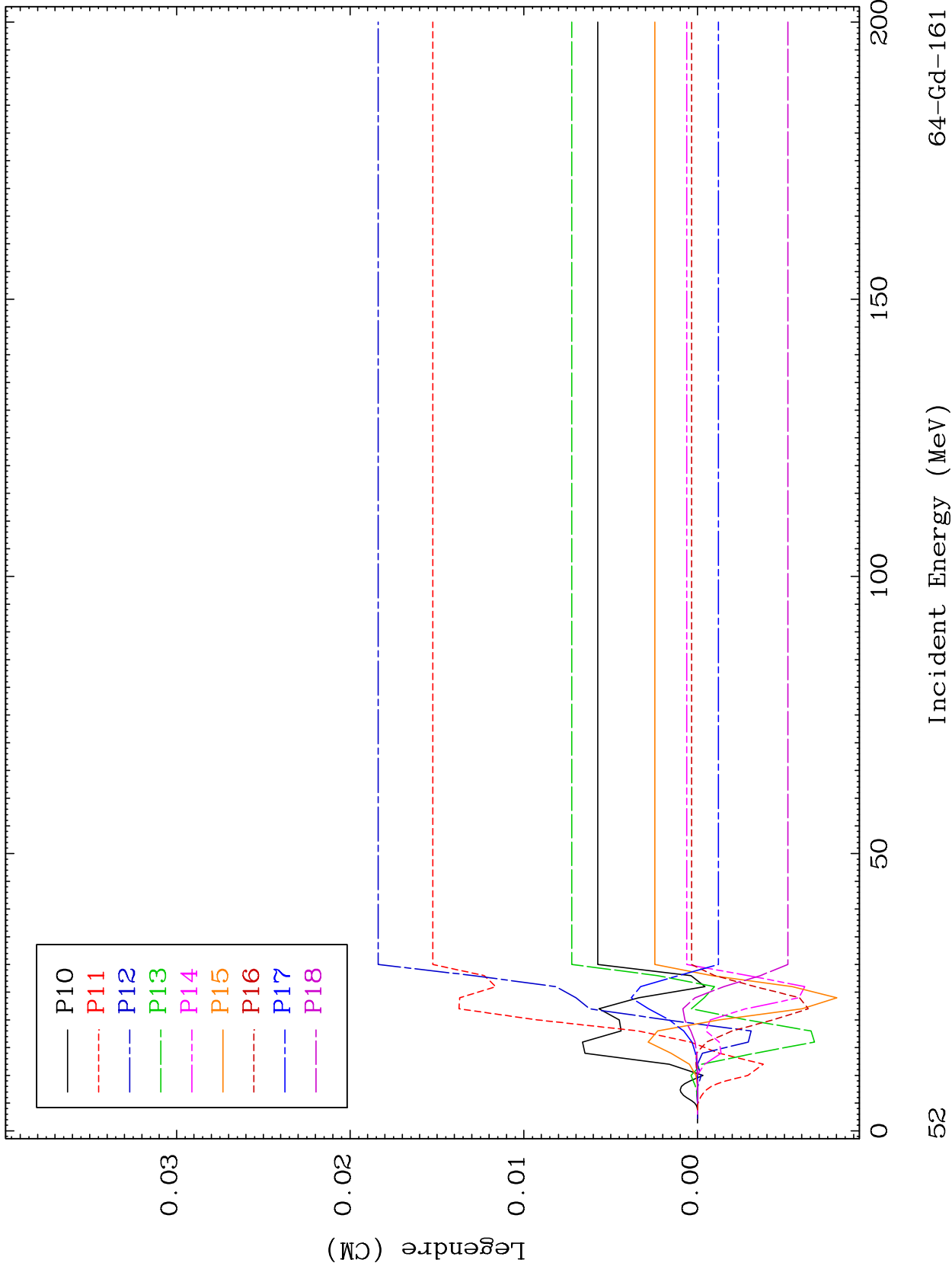
Incident Energy (MeV)

51

MAT 6452

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

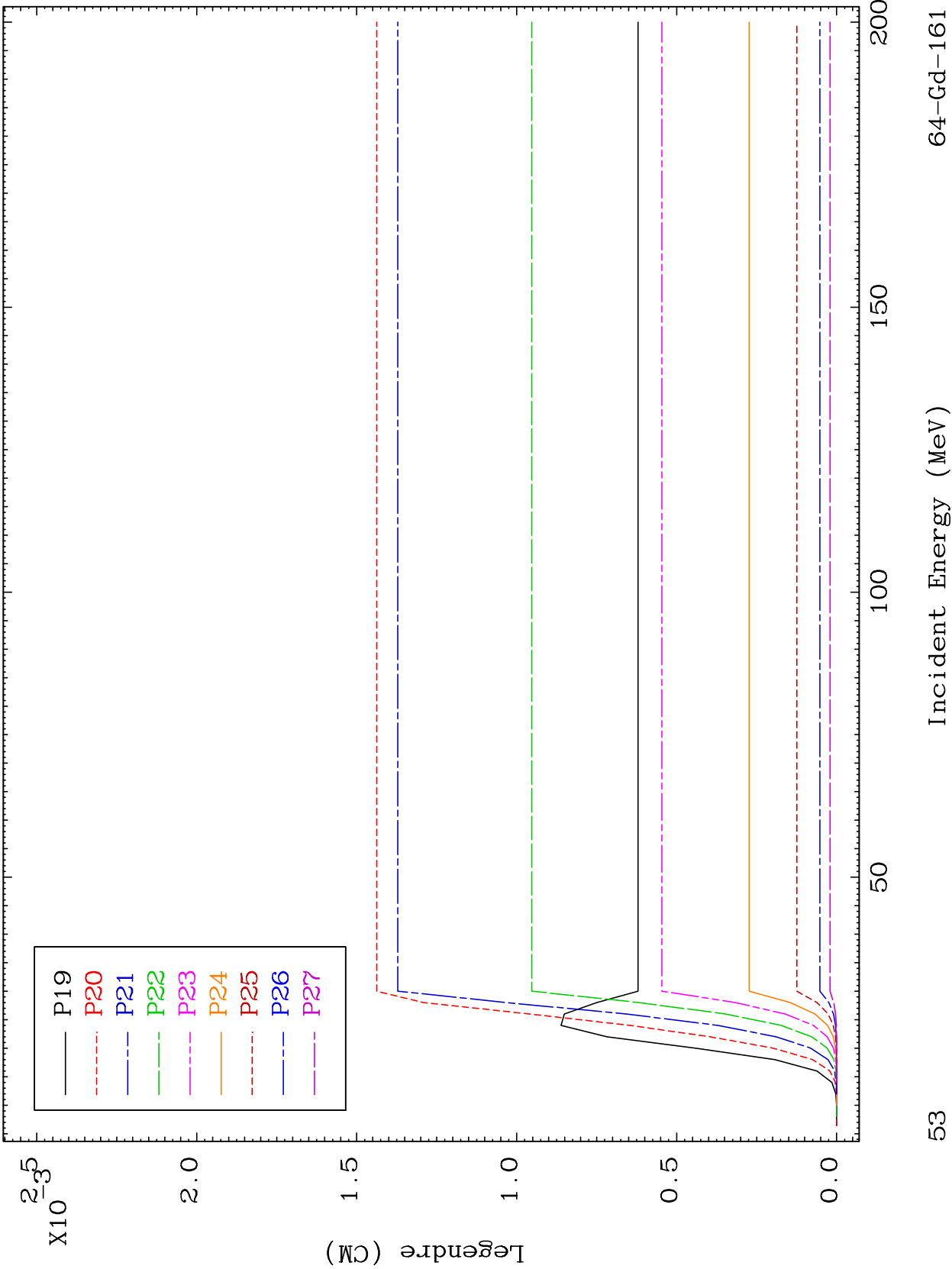
64-Gd-161



52

Incident Energy (MeV)

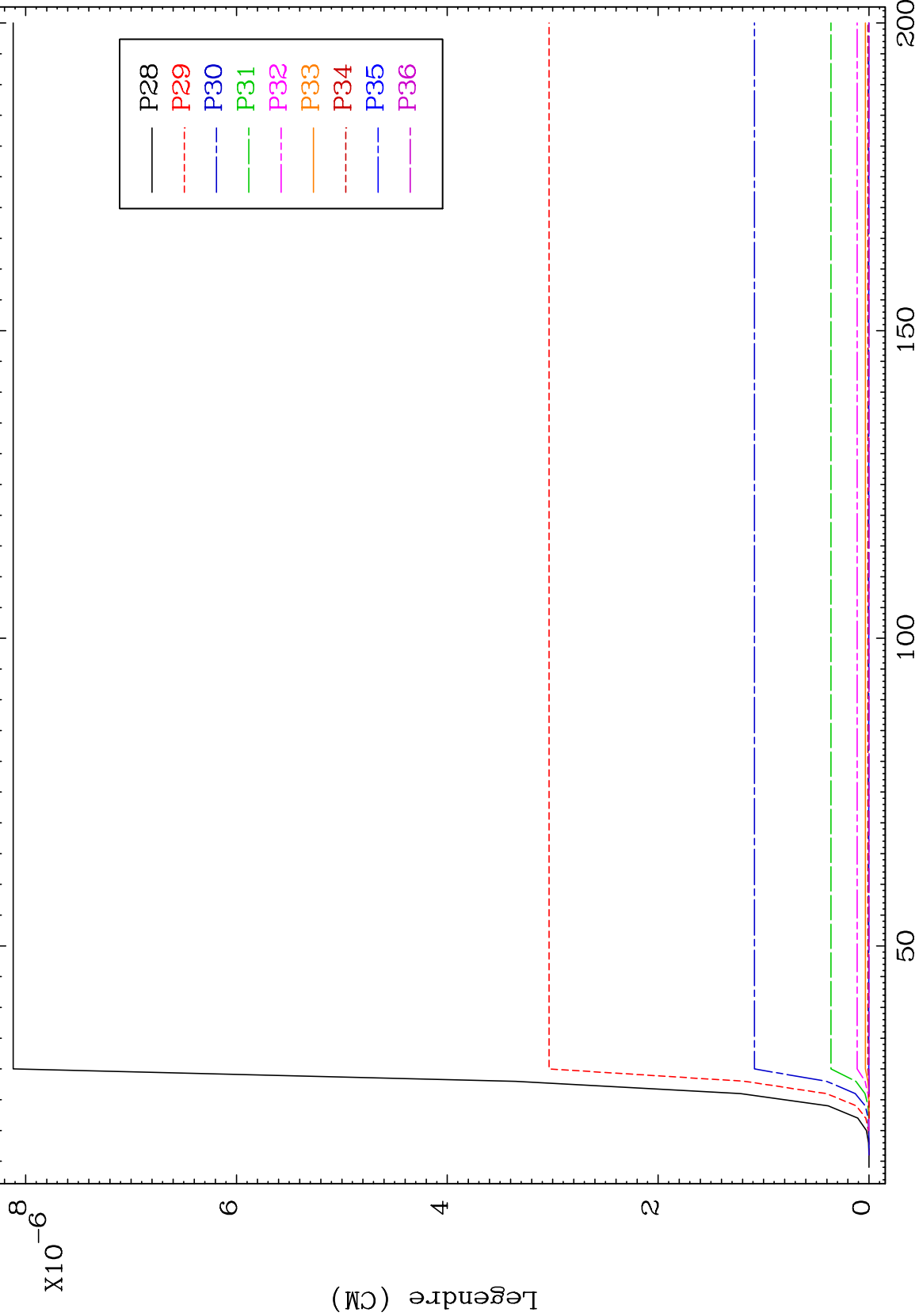
64-Gd-161



MAT 6452

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

64-Gd-161



54

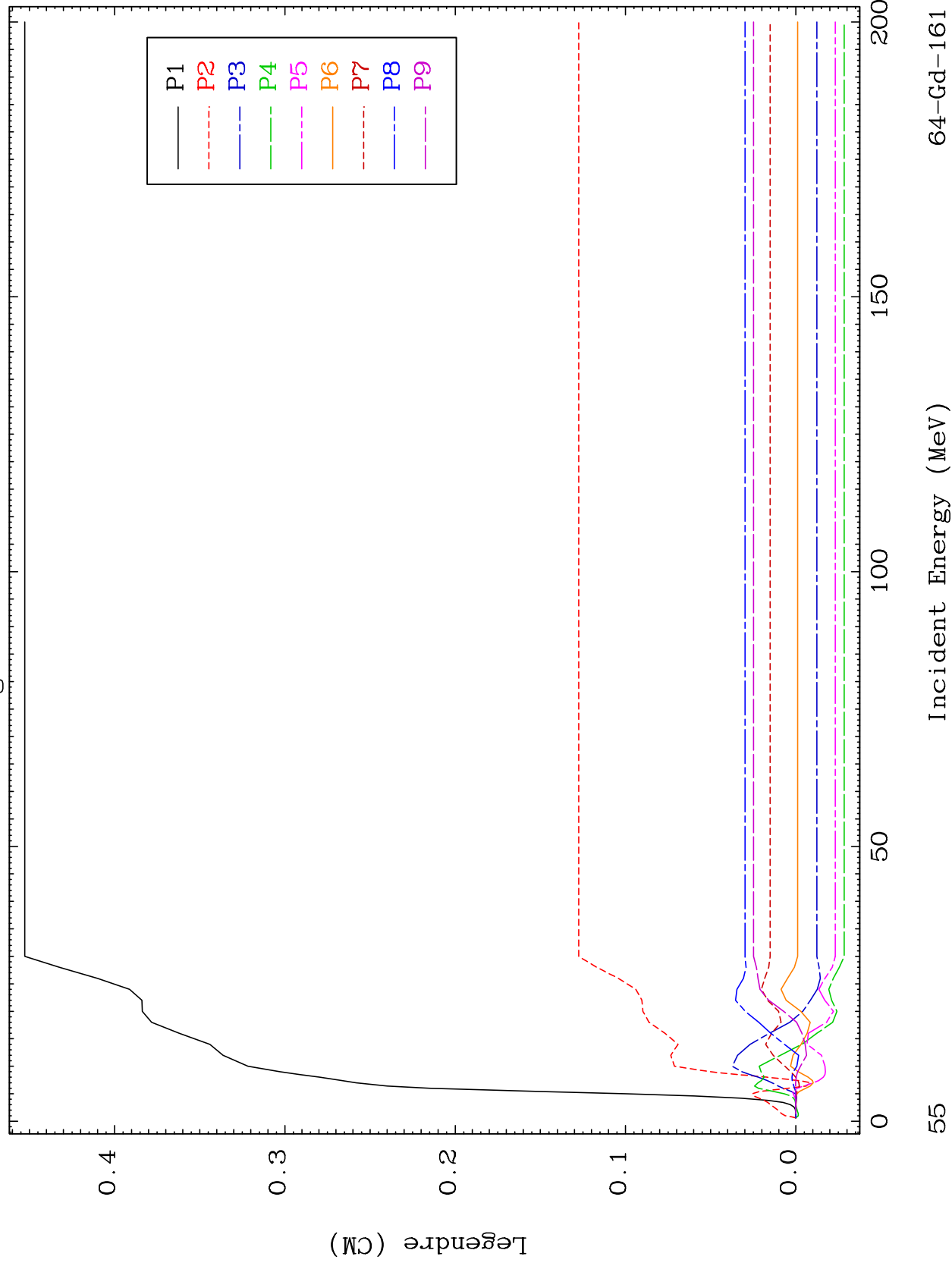
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



64-Gd-161

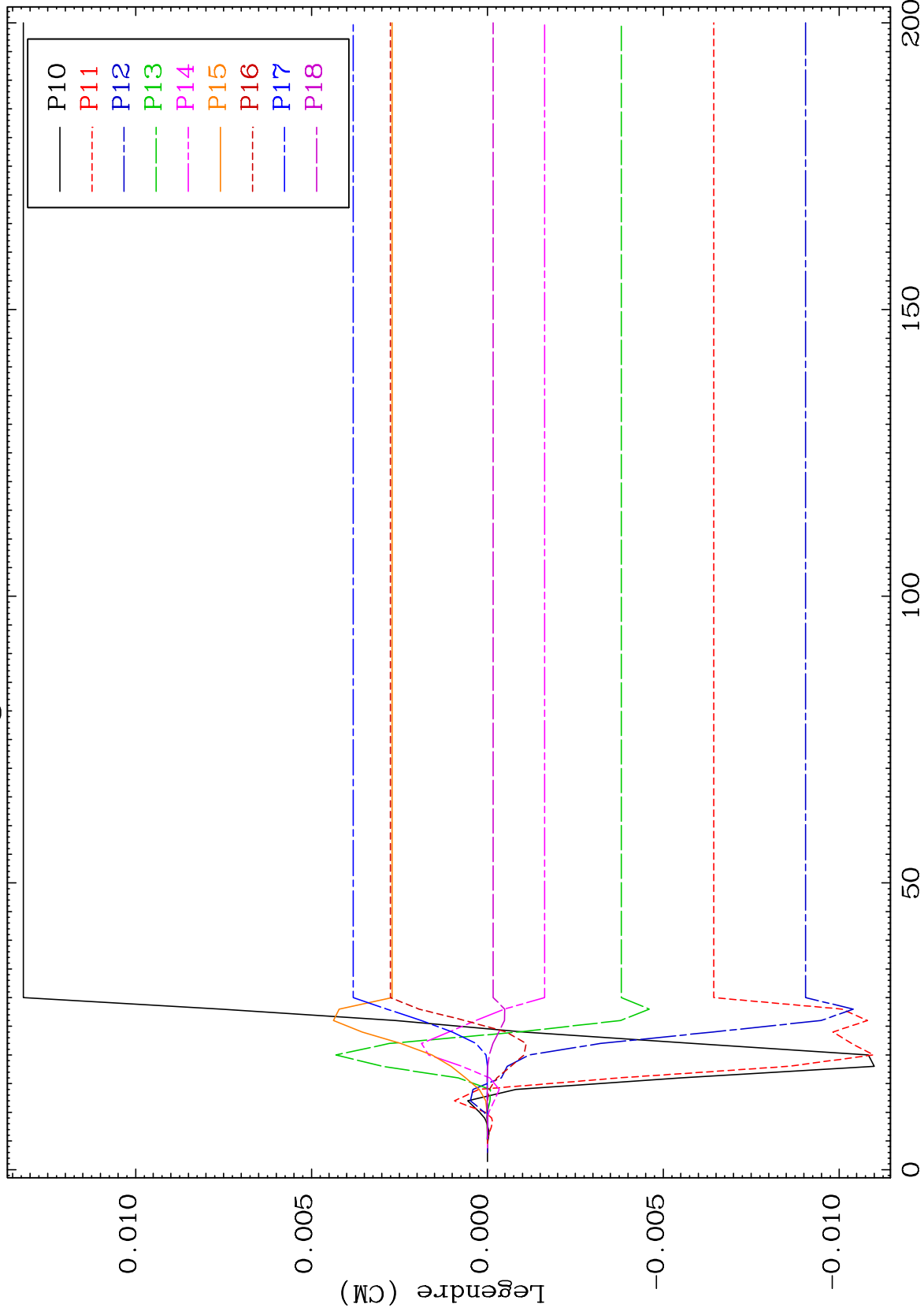
Incident Energy (MeV)

55

MAT 6452

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

64-Gd-161



56

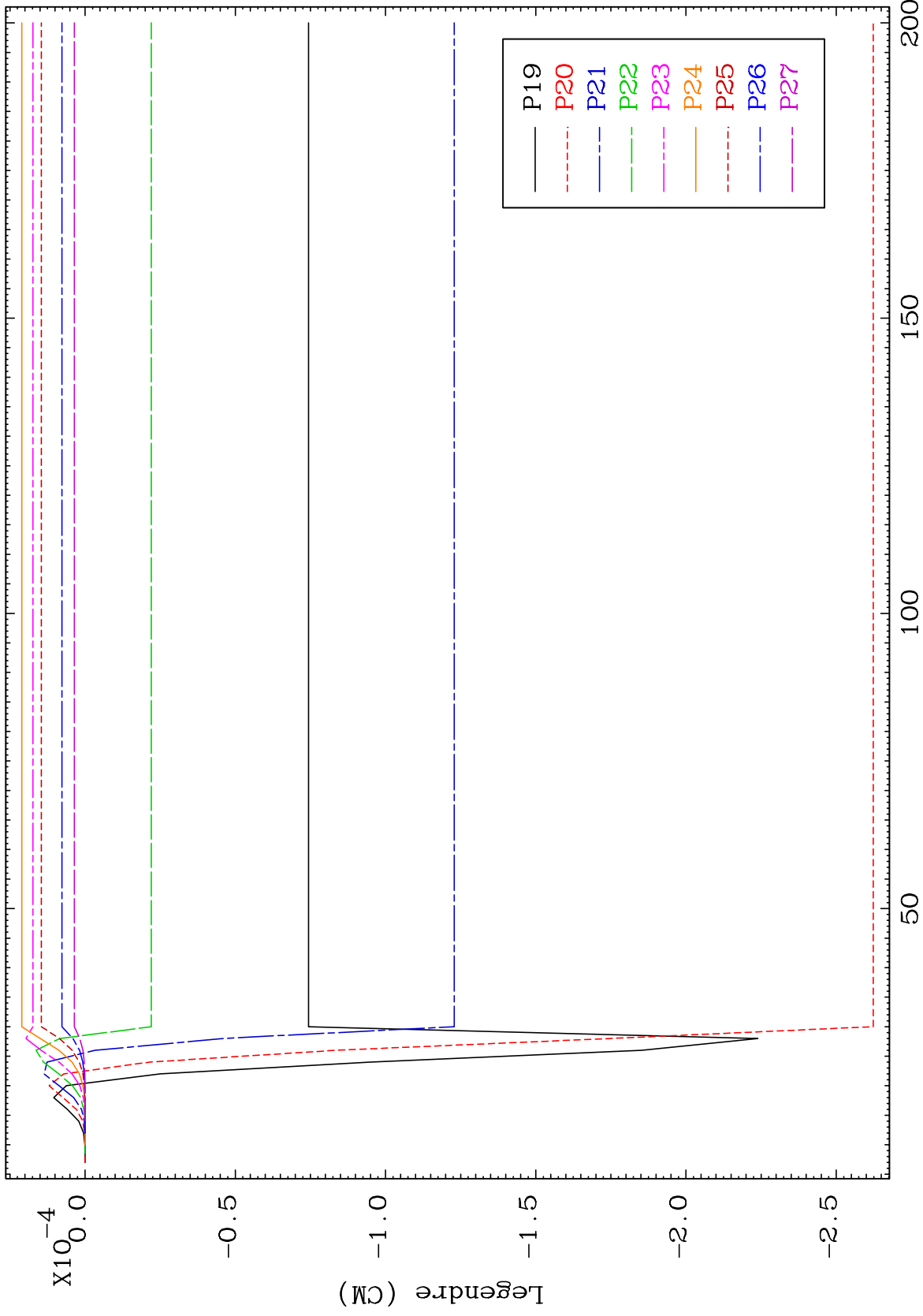
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



57

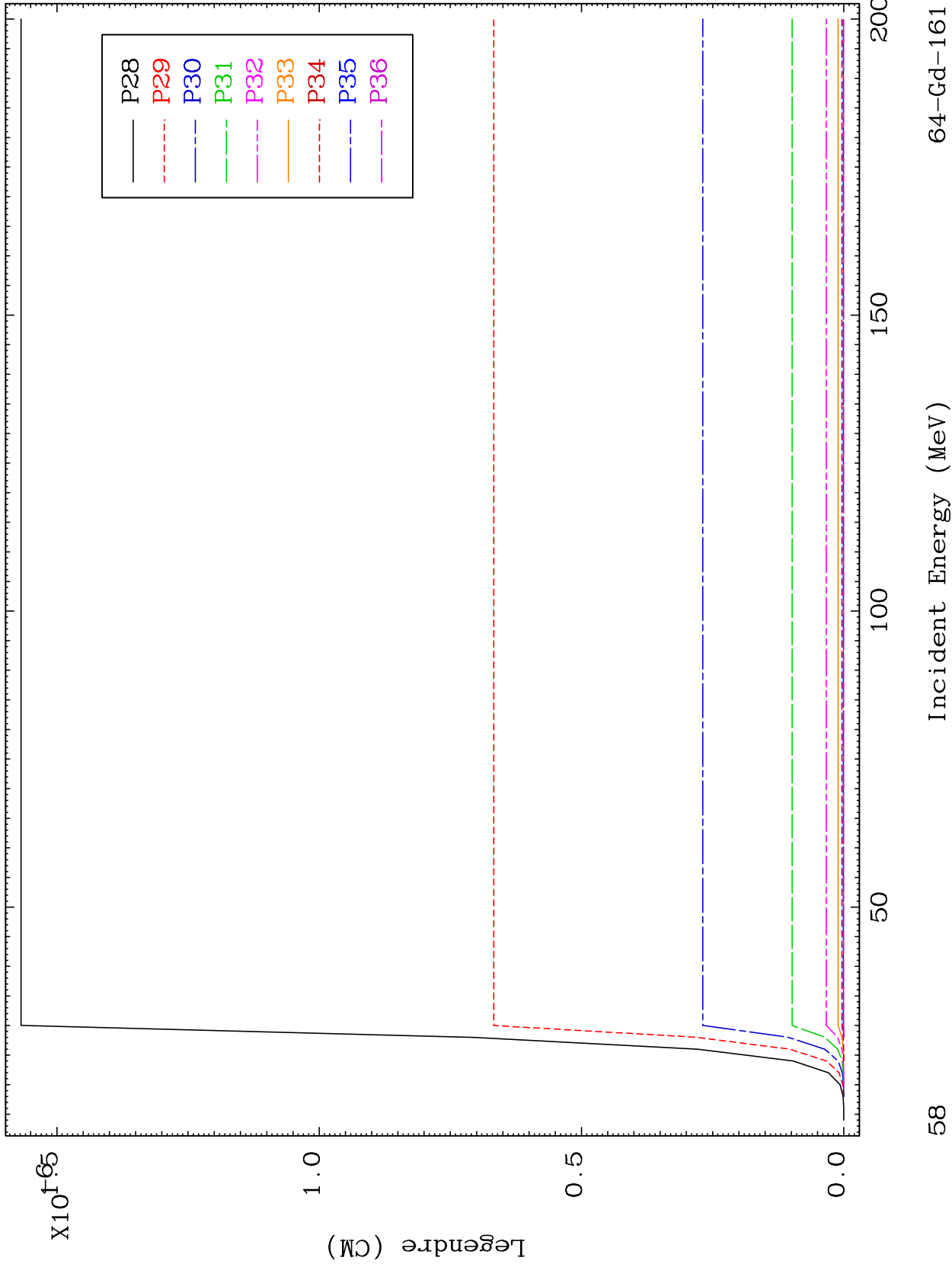
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



58

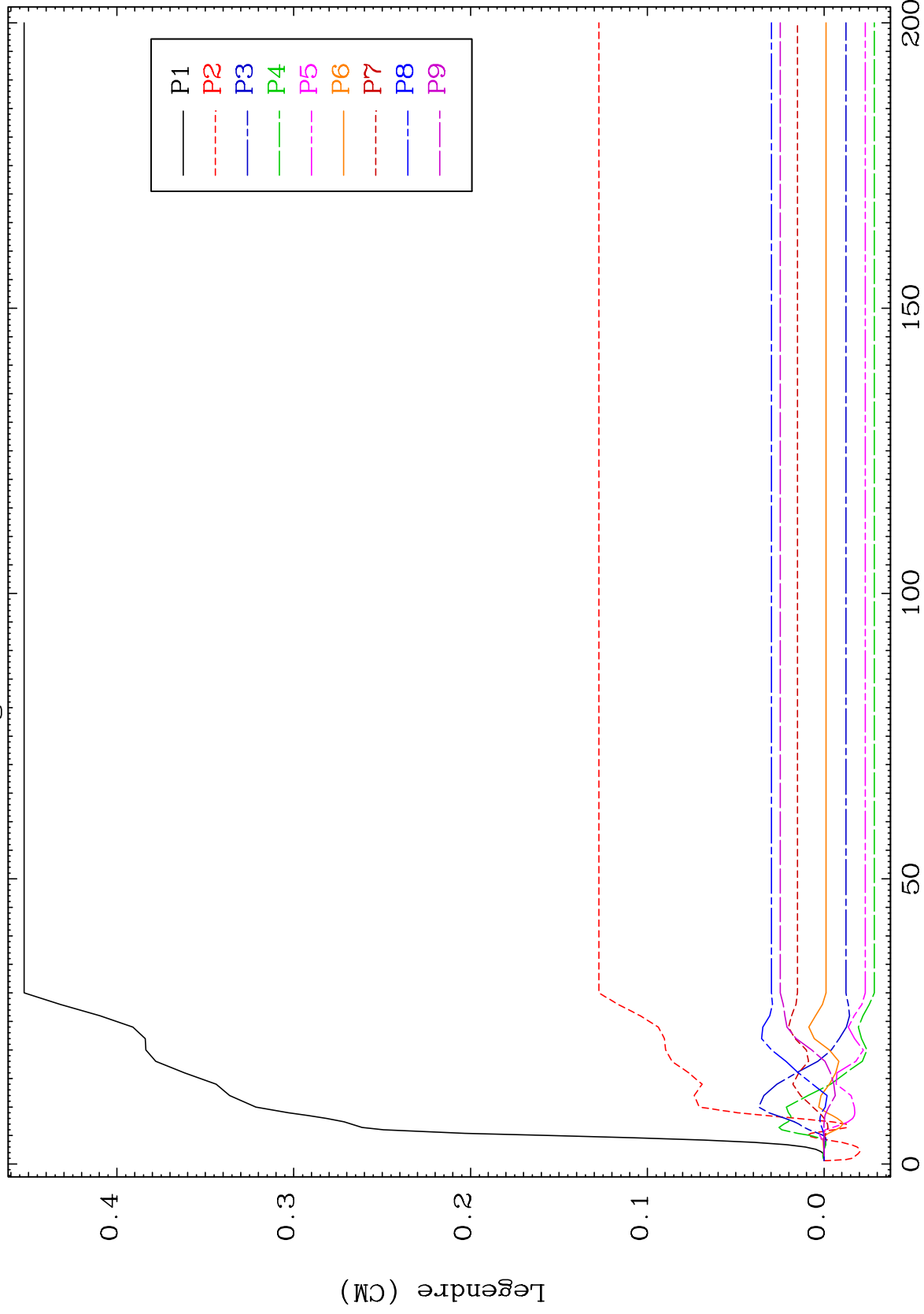
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



59

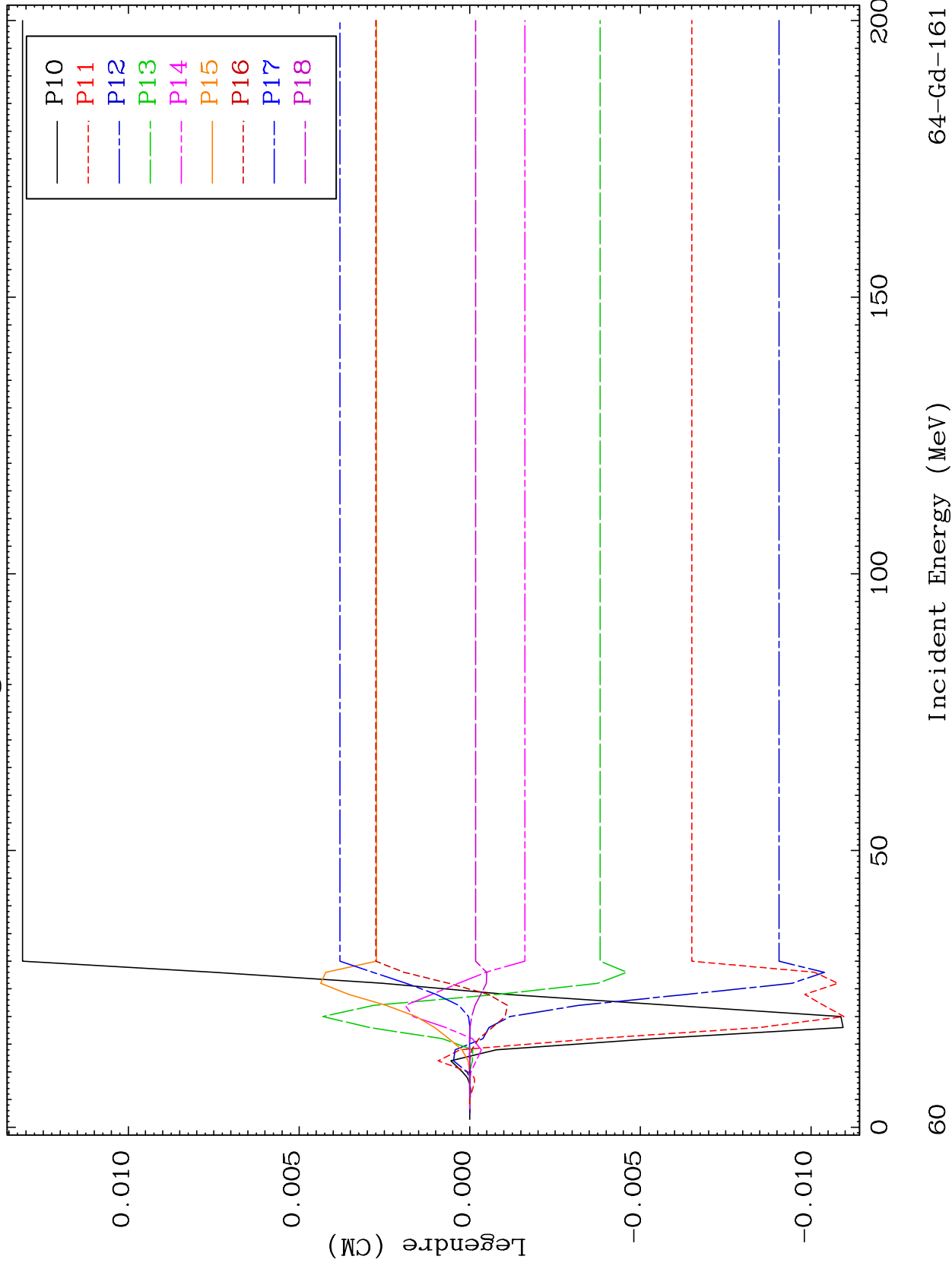
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



64-Gd-161

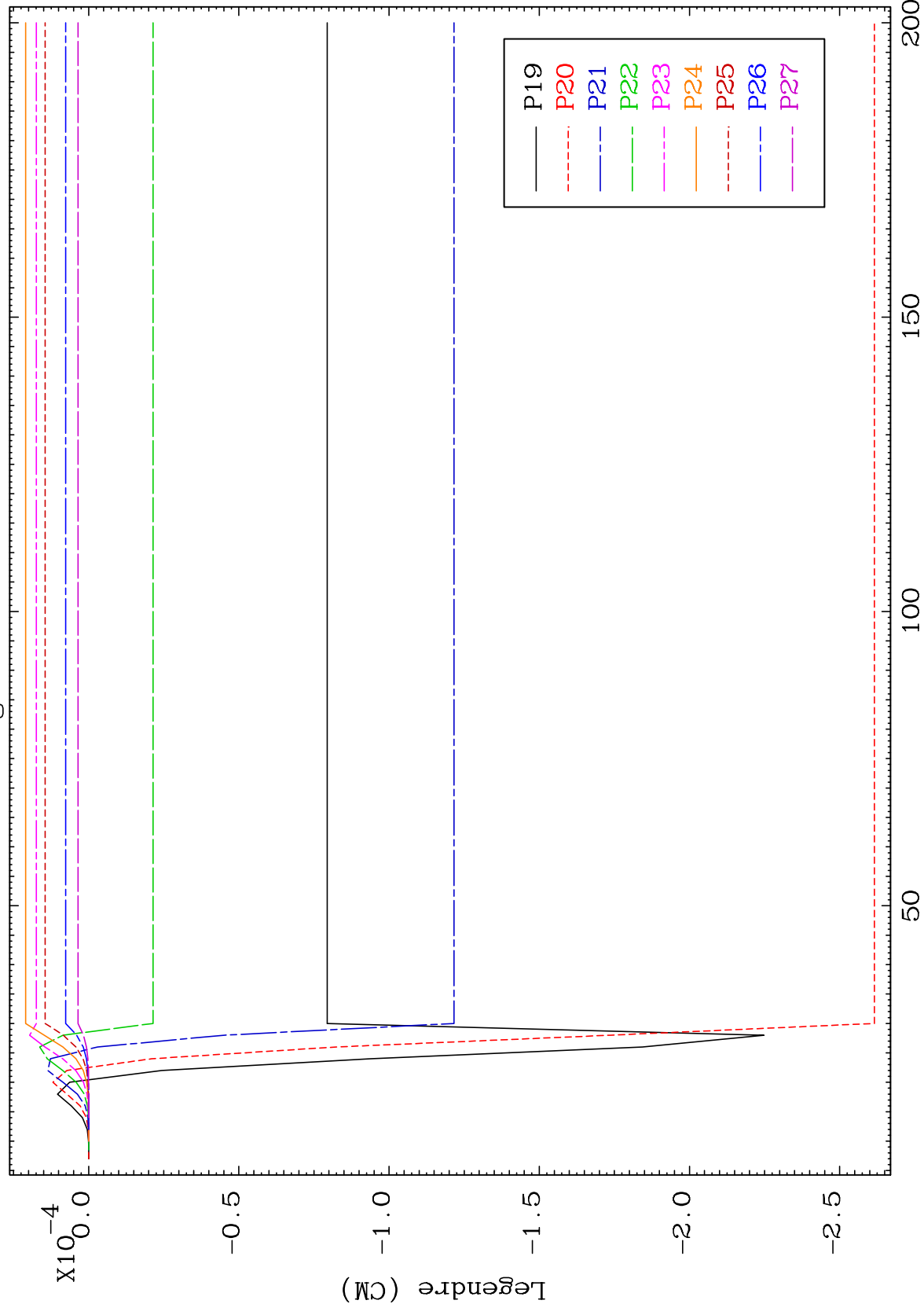
Incident Energy (MeV)

60

MAT 6452

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

64-Gd-161



61

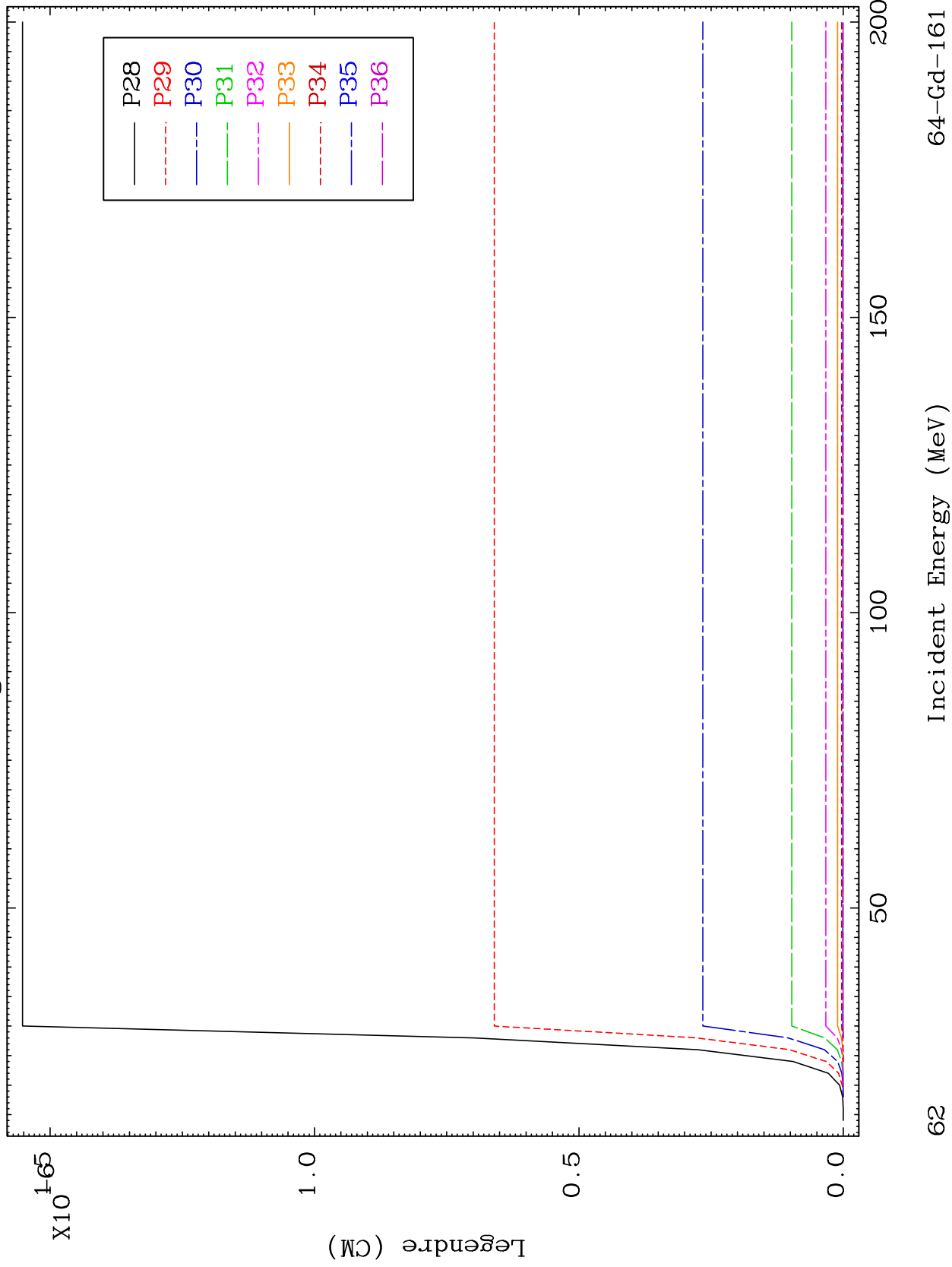
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161

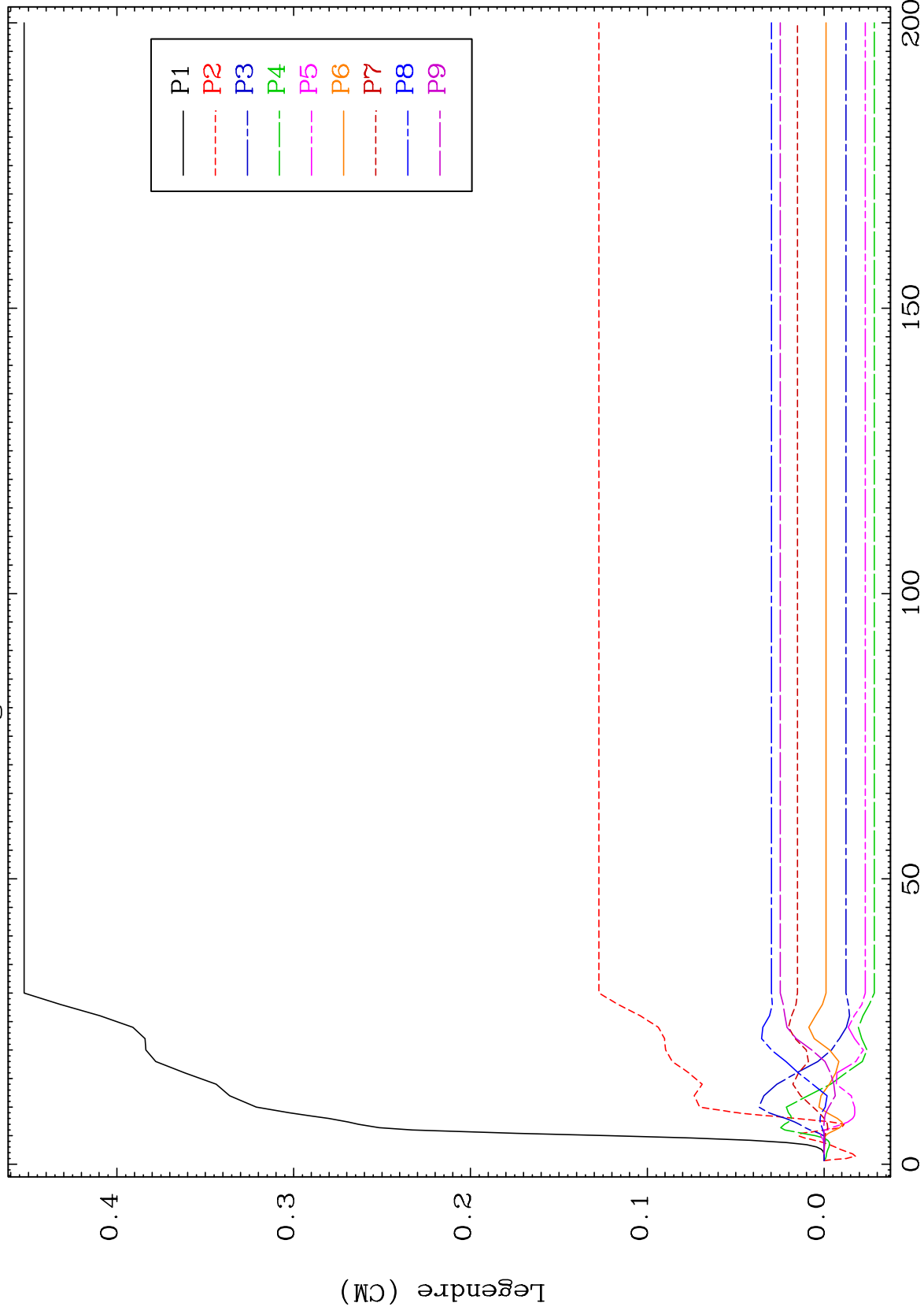


62

MAT 6452

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

64-Gd-161



64-Gd-161

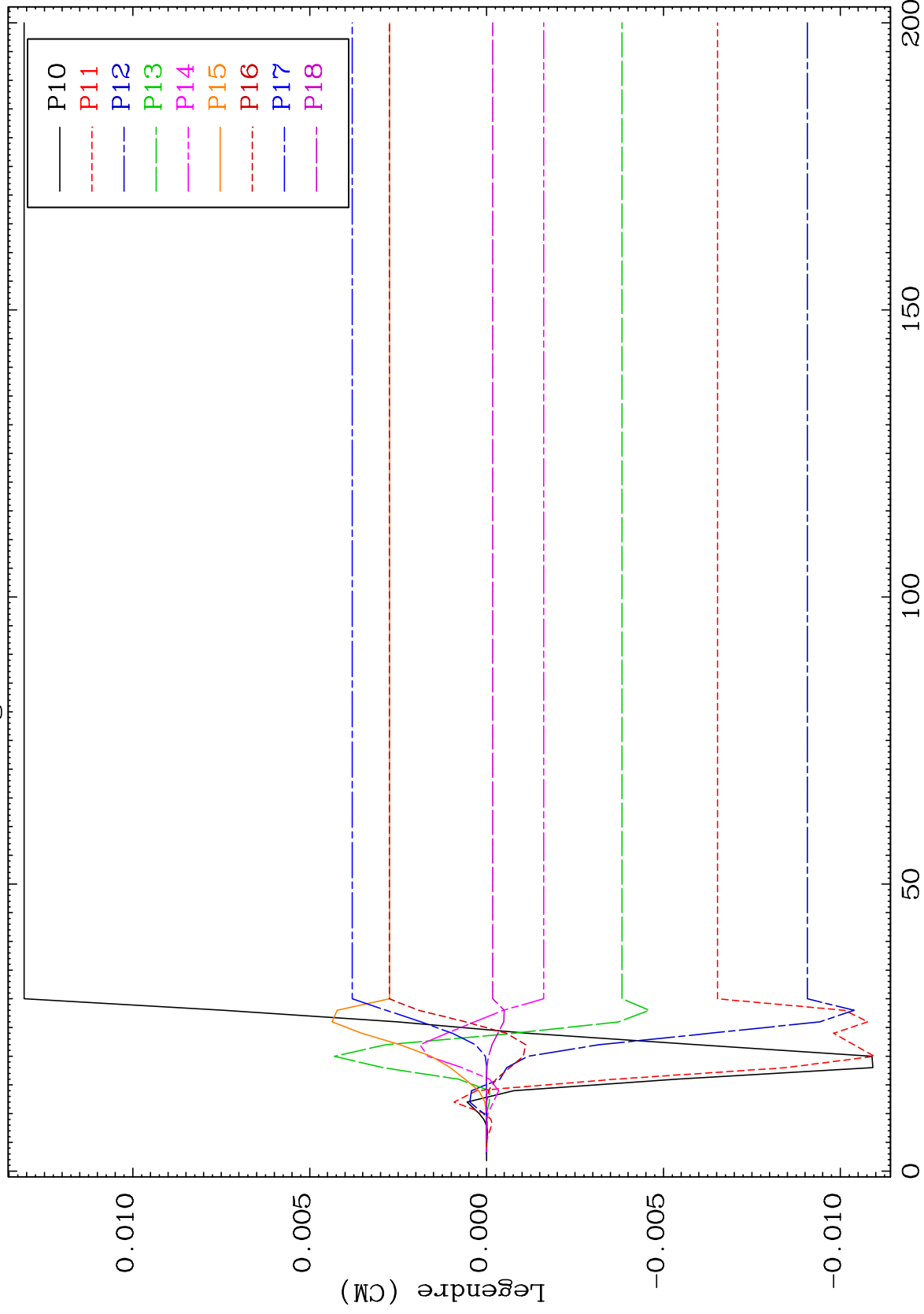
Incident Energy (MeV)

63

MAT 6452

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

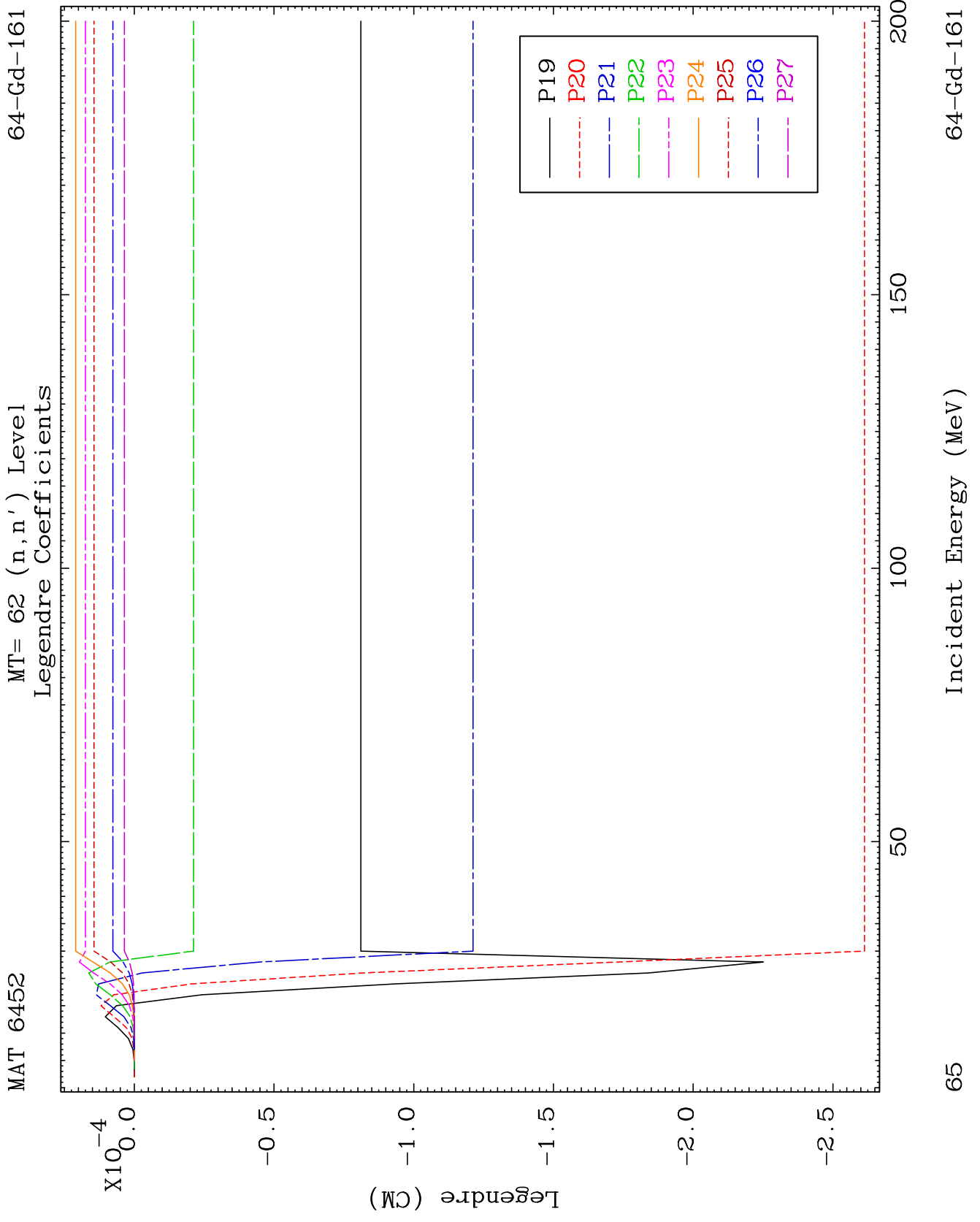
64-Gd-161



64

Incident Energy (MeV)

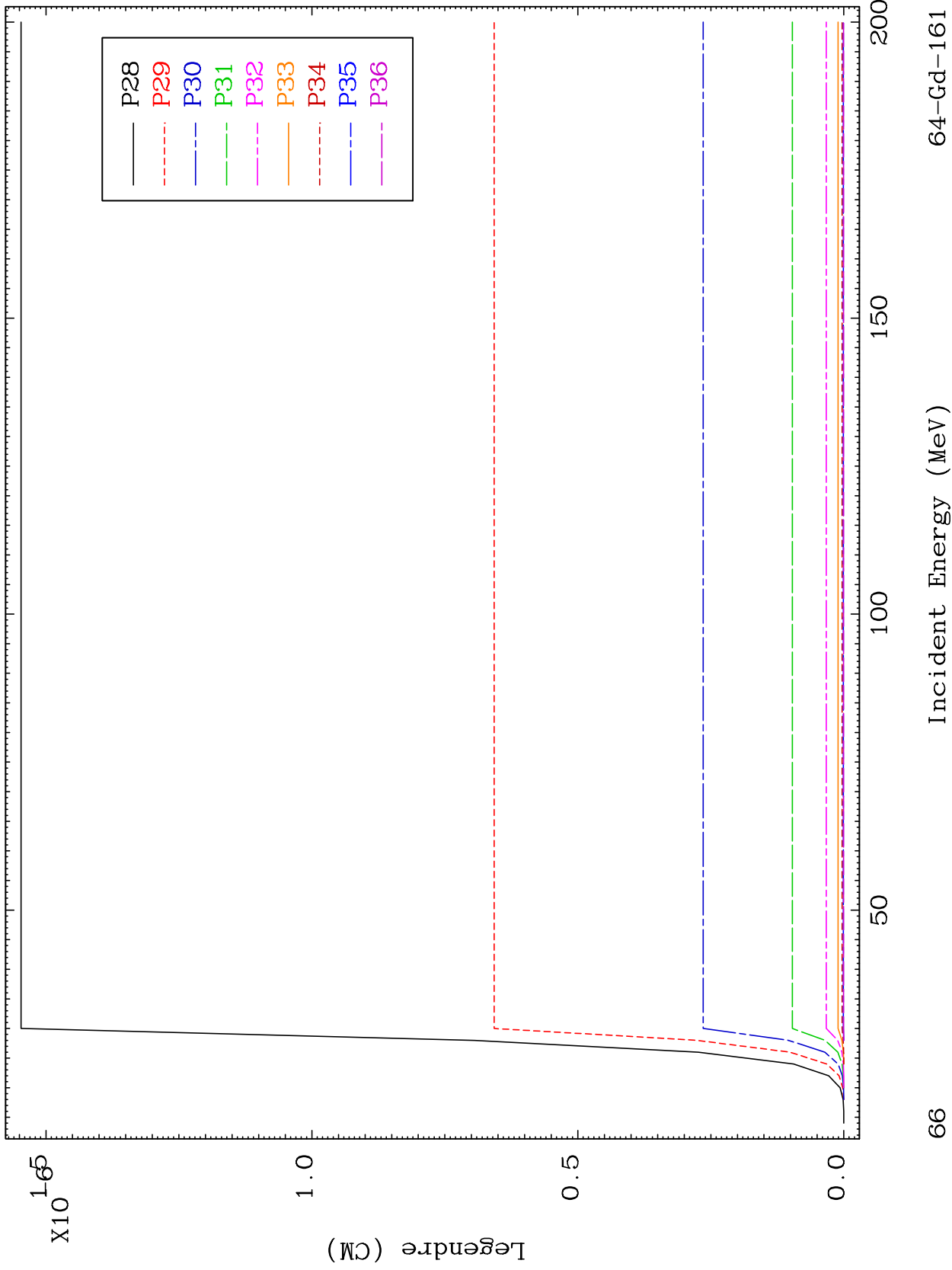
64-Gd-161



MAT 6452

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

64-Gd-161

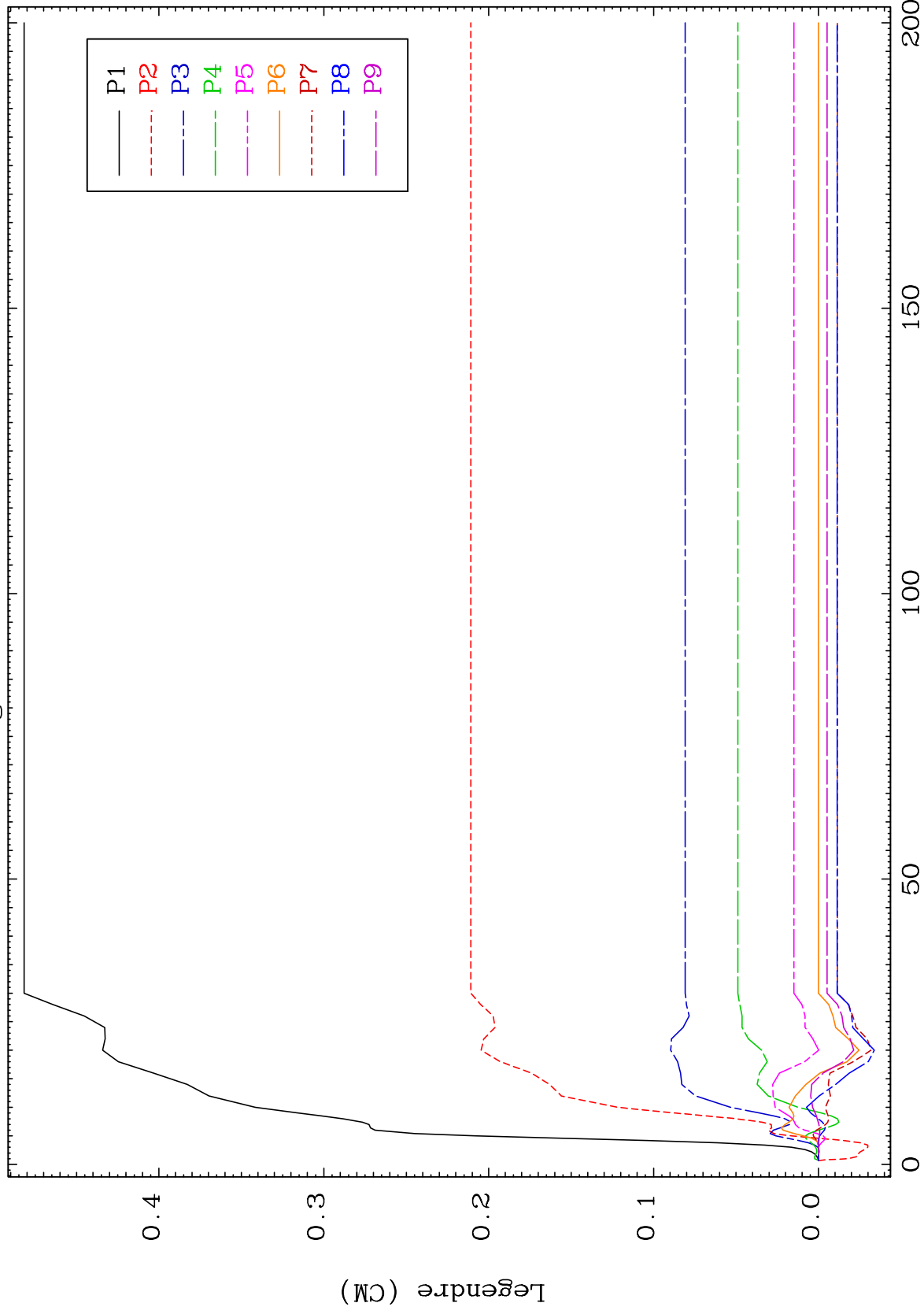


66

MAT 6452

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

64-Gd-161



67

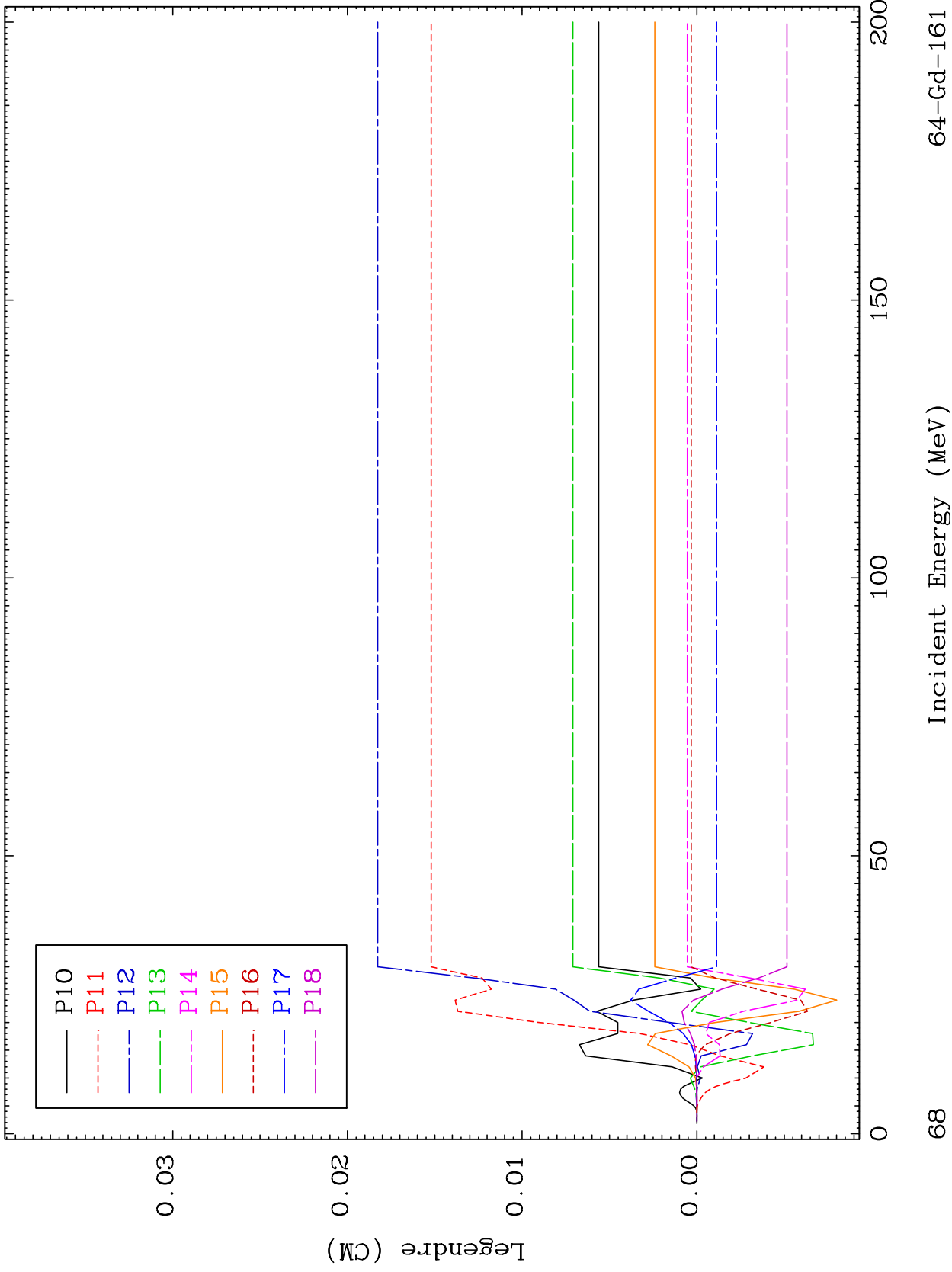
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



68

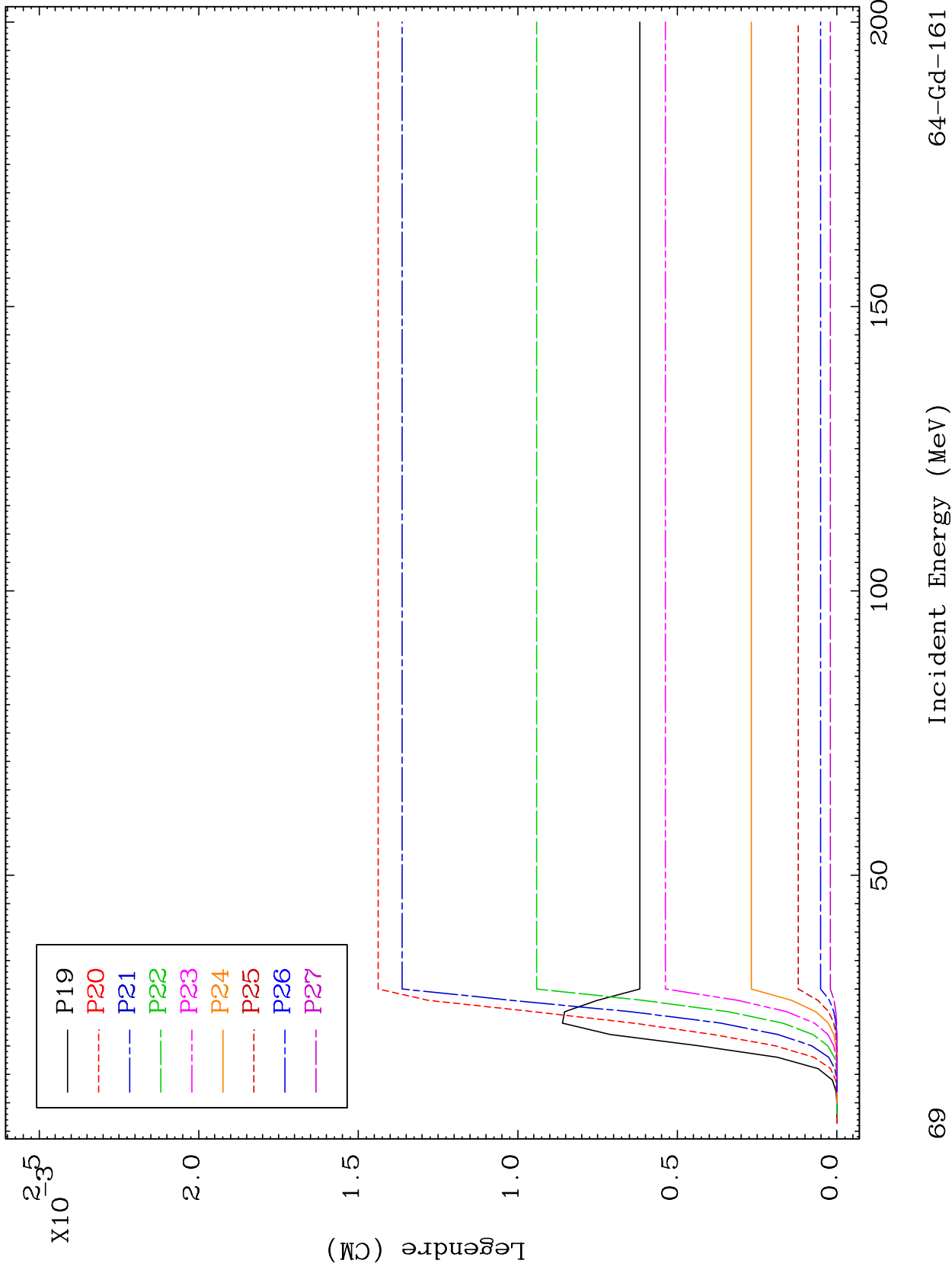
Incident Energy (MeV)

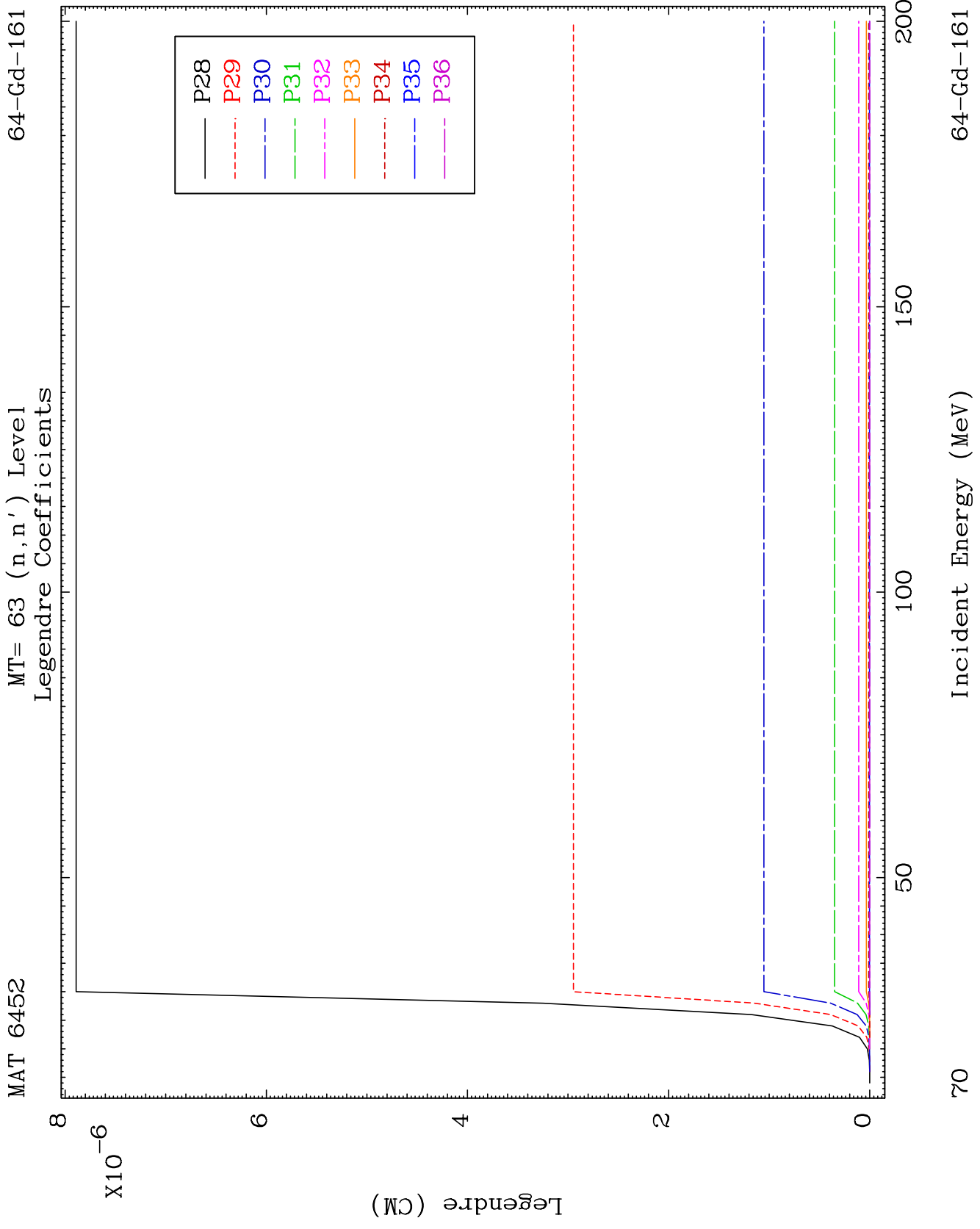
64-Gd-161

MAT 6452

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

64-Gd-161

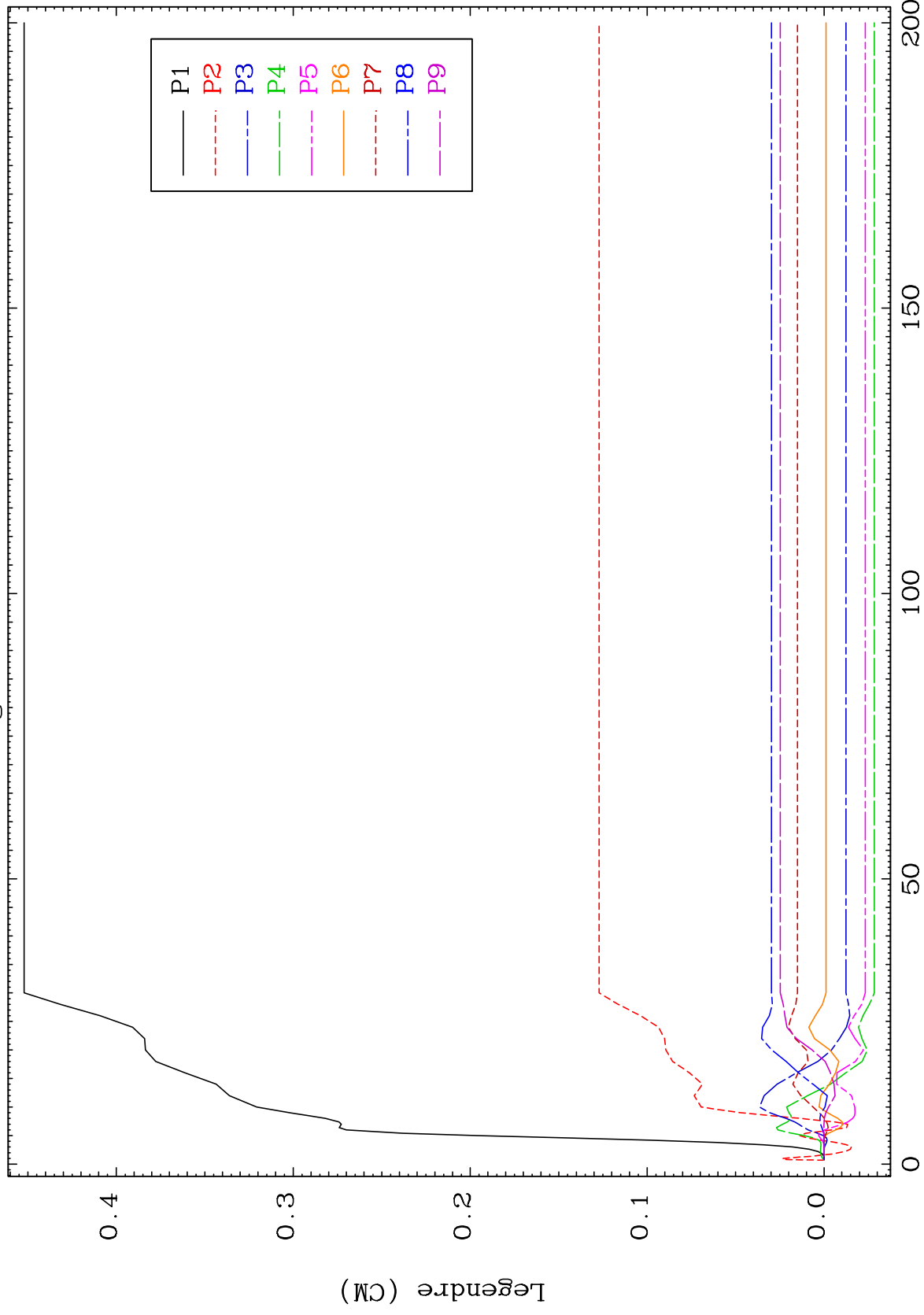




MAT 6452

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

64-Gd-161



71

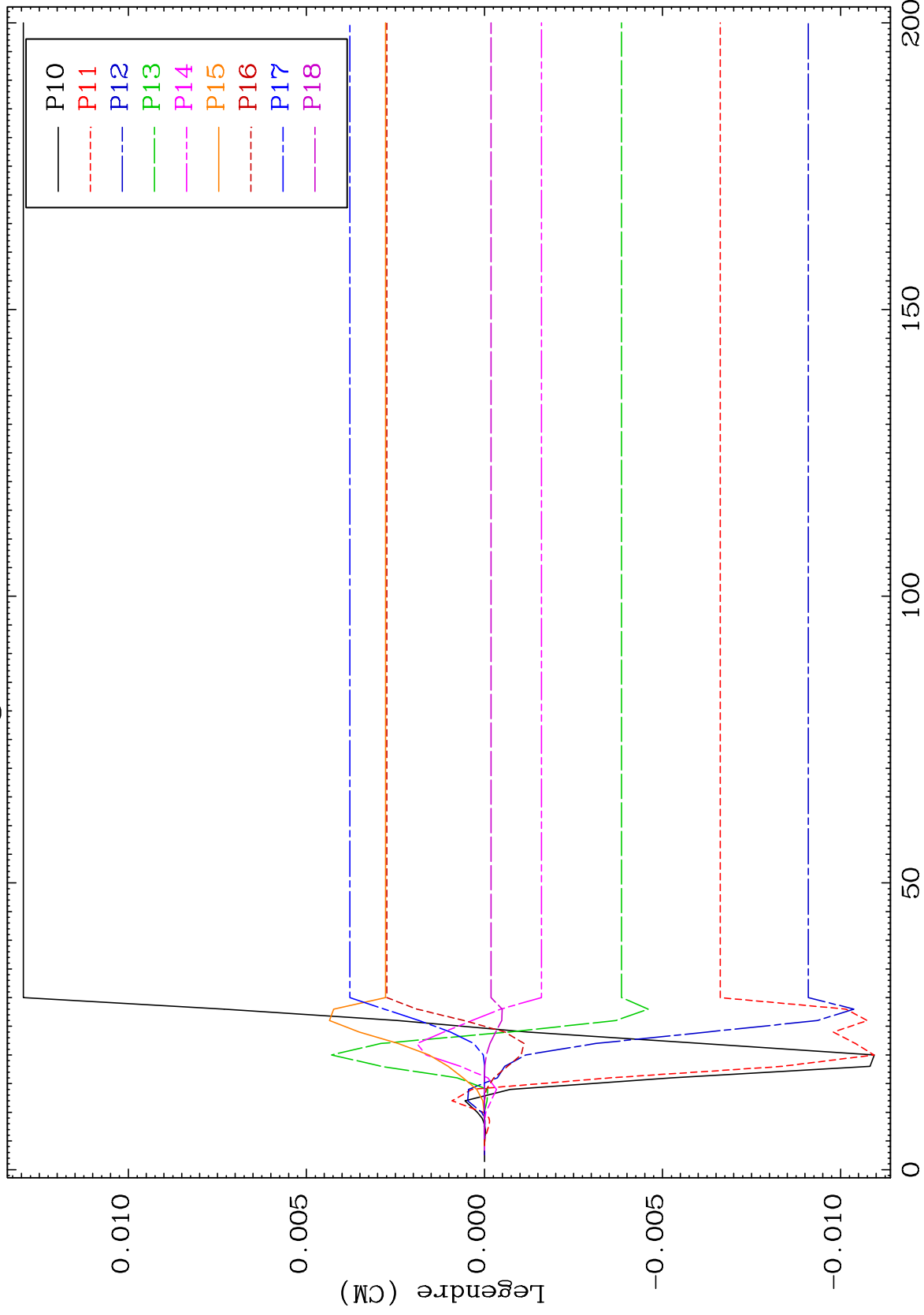
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

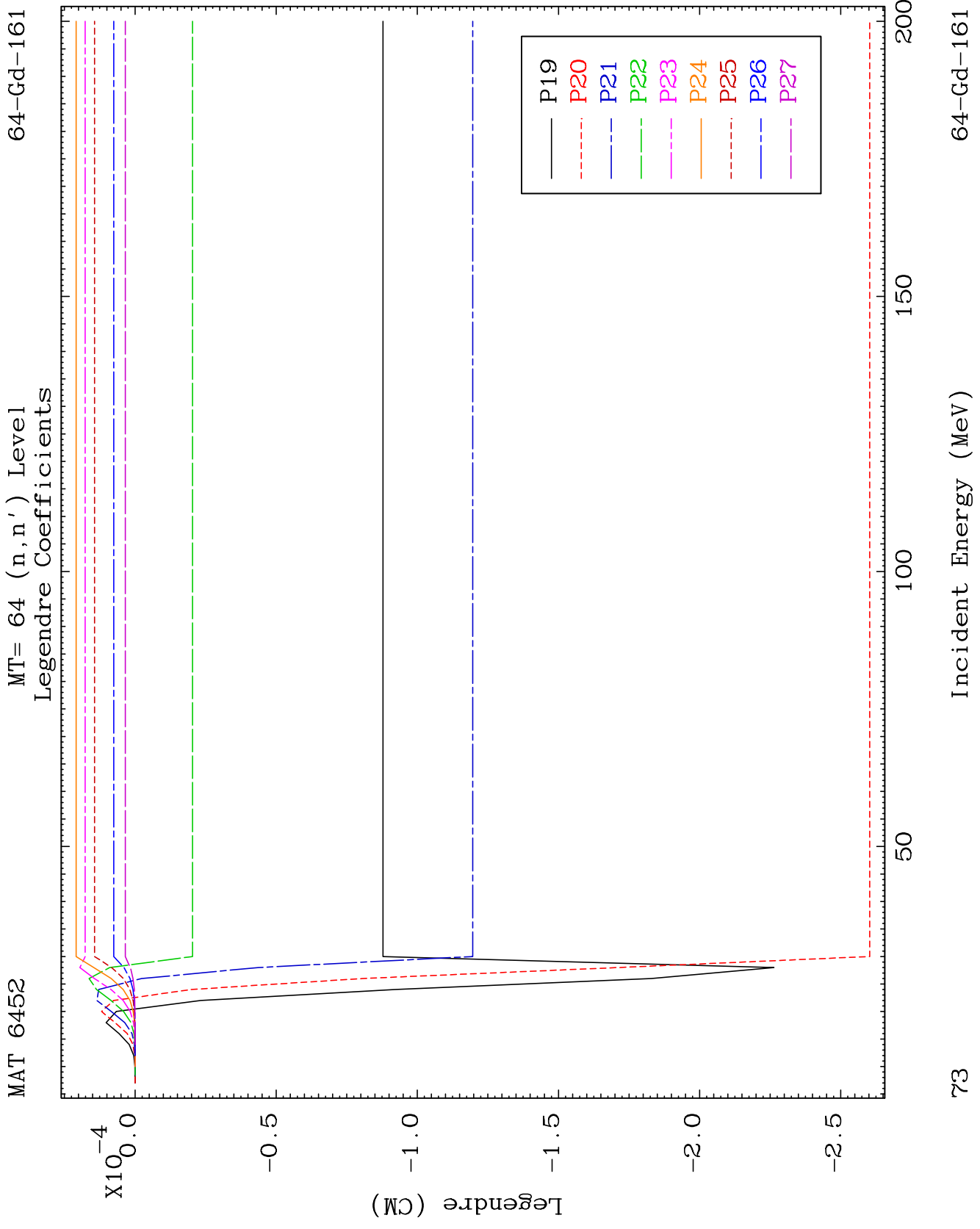
64-Gd-161



72

Incident Energy (MeV)

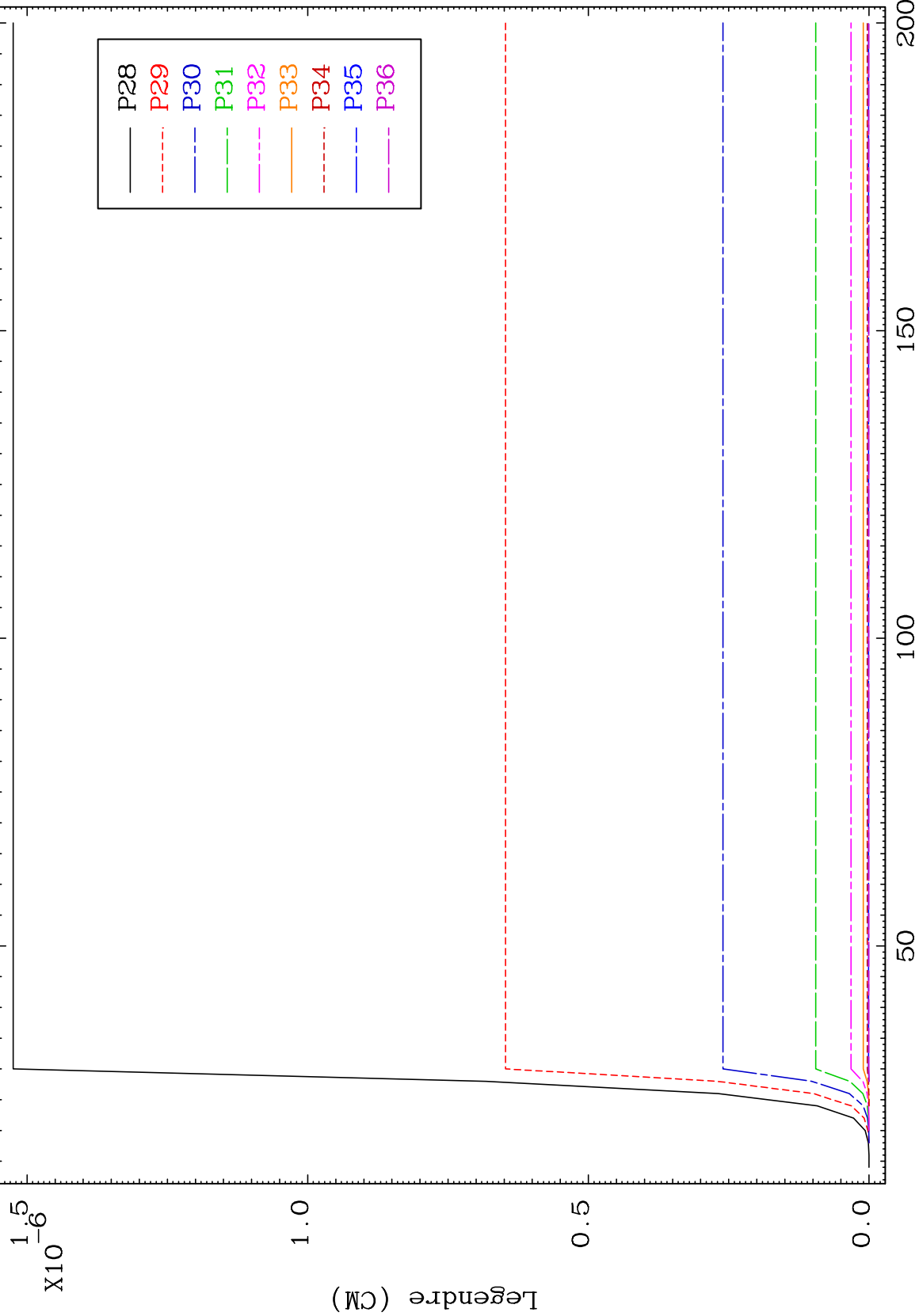
64-Gd-161



MAT 6452

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

64-Gd-161



74

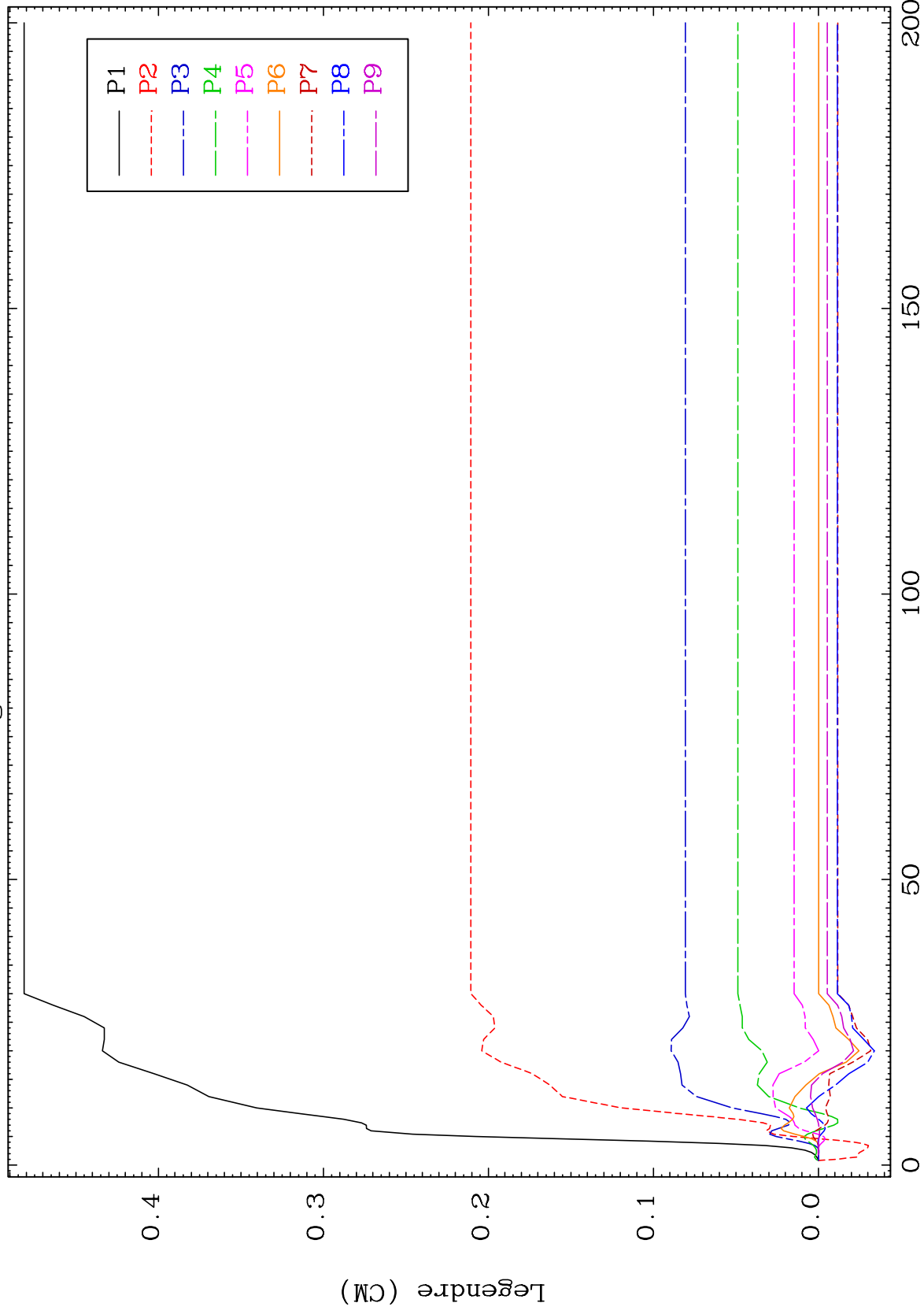
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



64-Gd-161

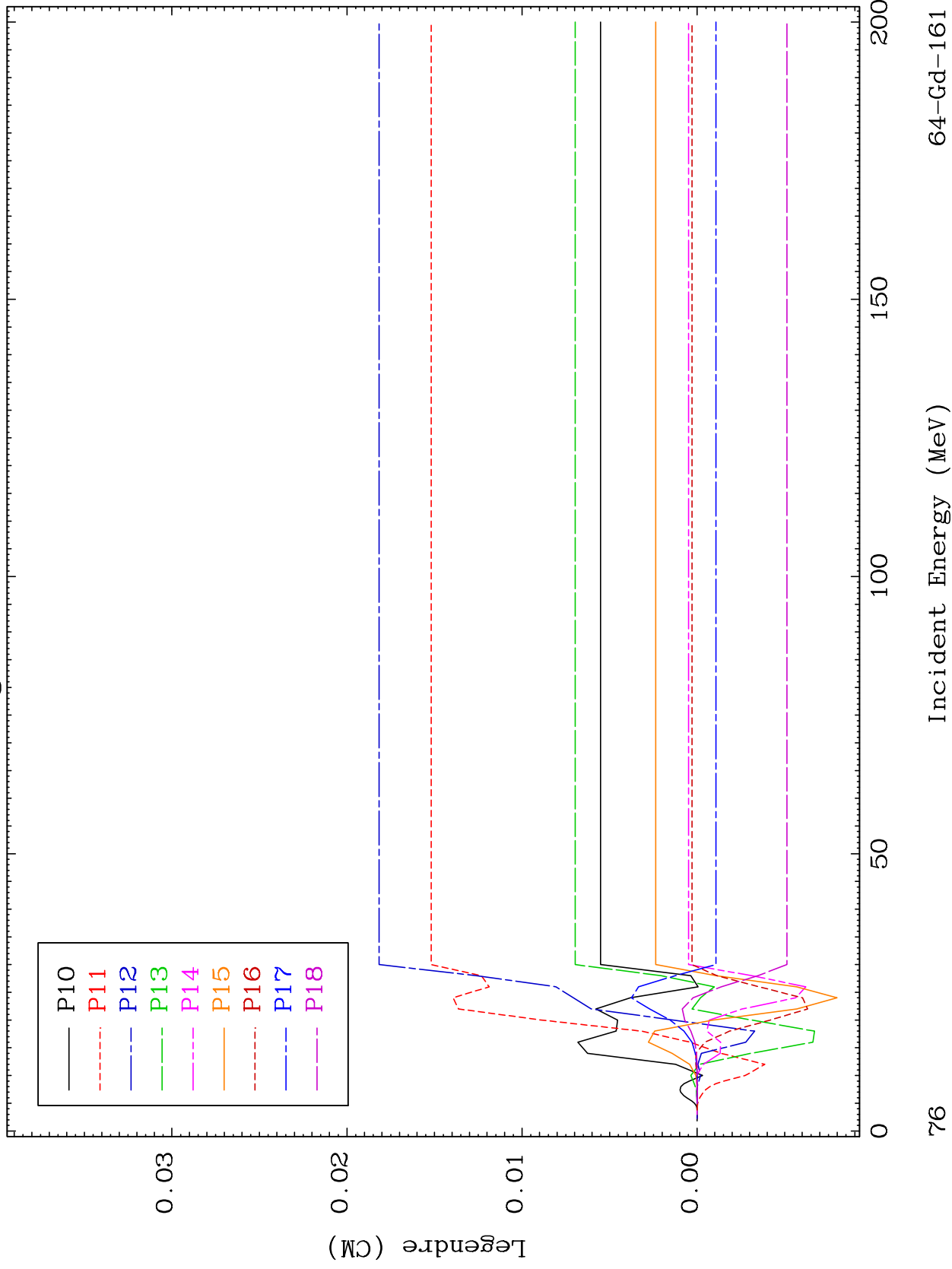
Incident Energy (MeV)

75

MAT 6452

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

64-Gd-161



76

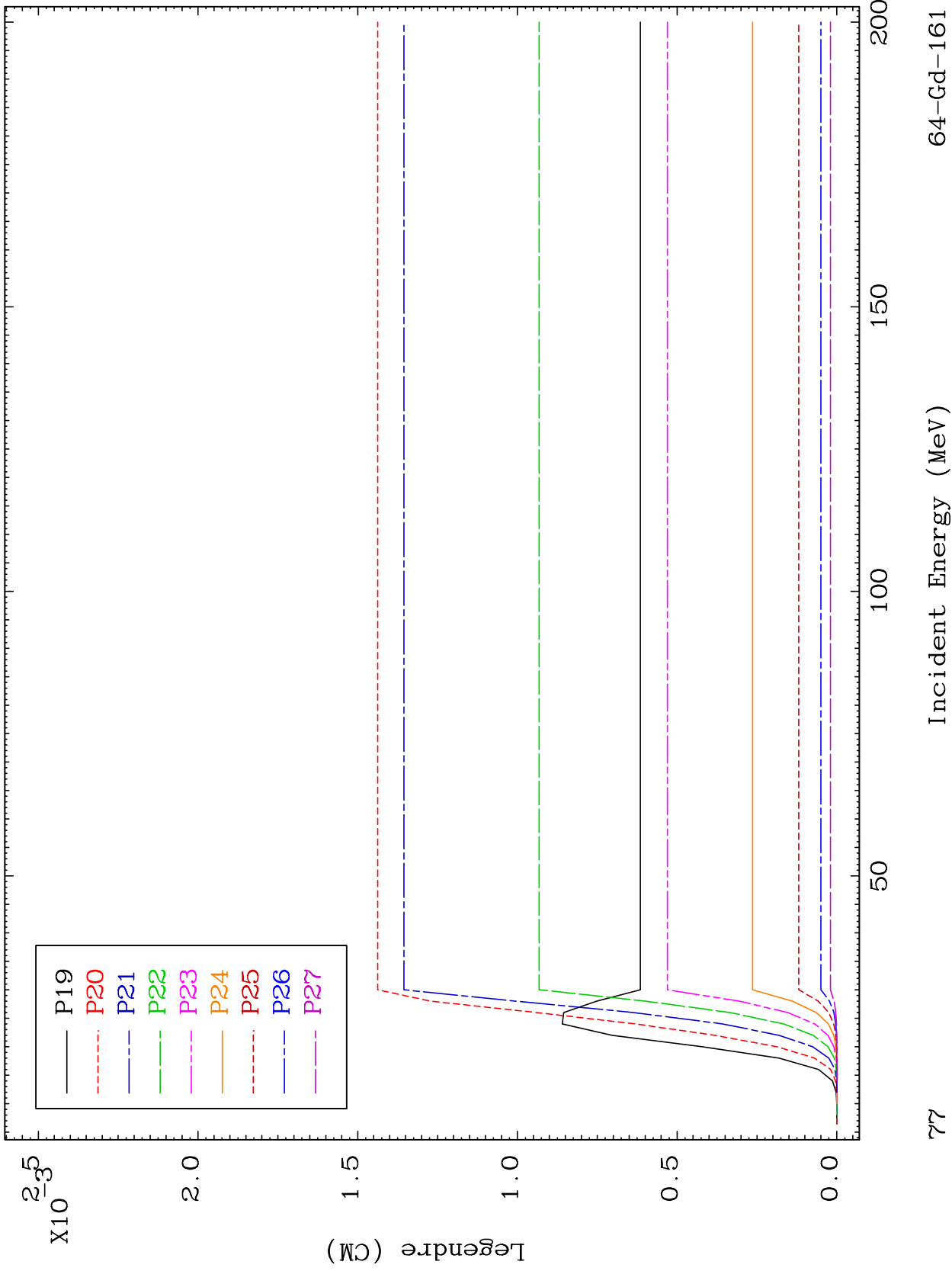
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



77

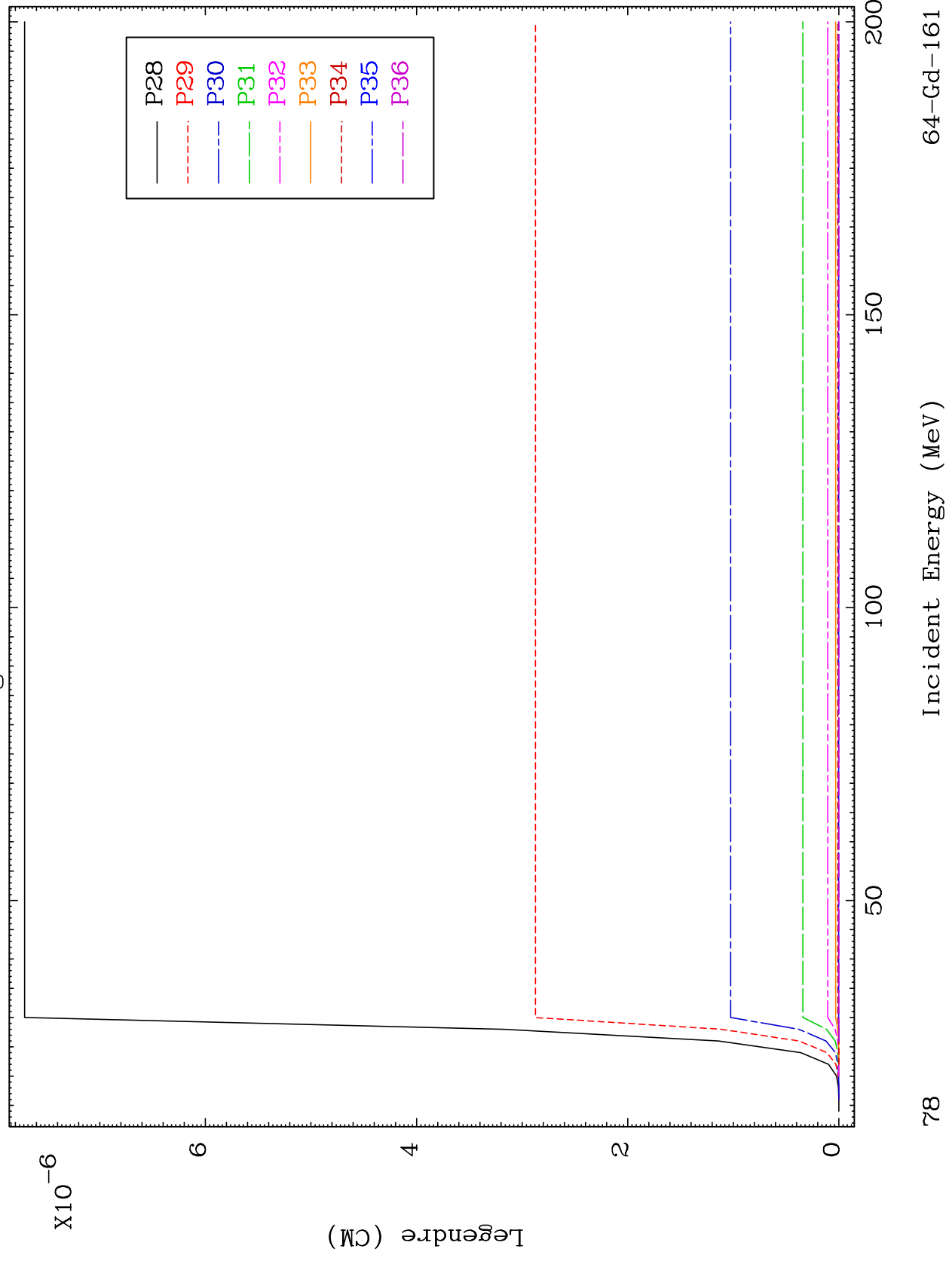
64-Gd-161

Incident Energy (MeV)

MAT 6452

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

64-Gd-161



78

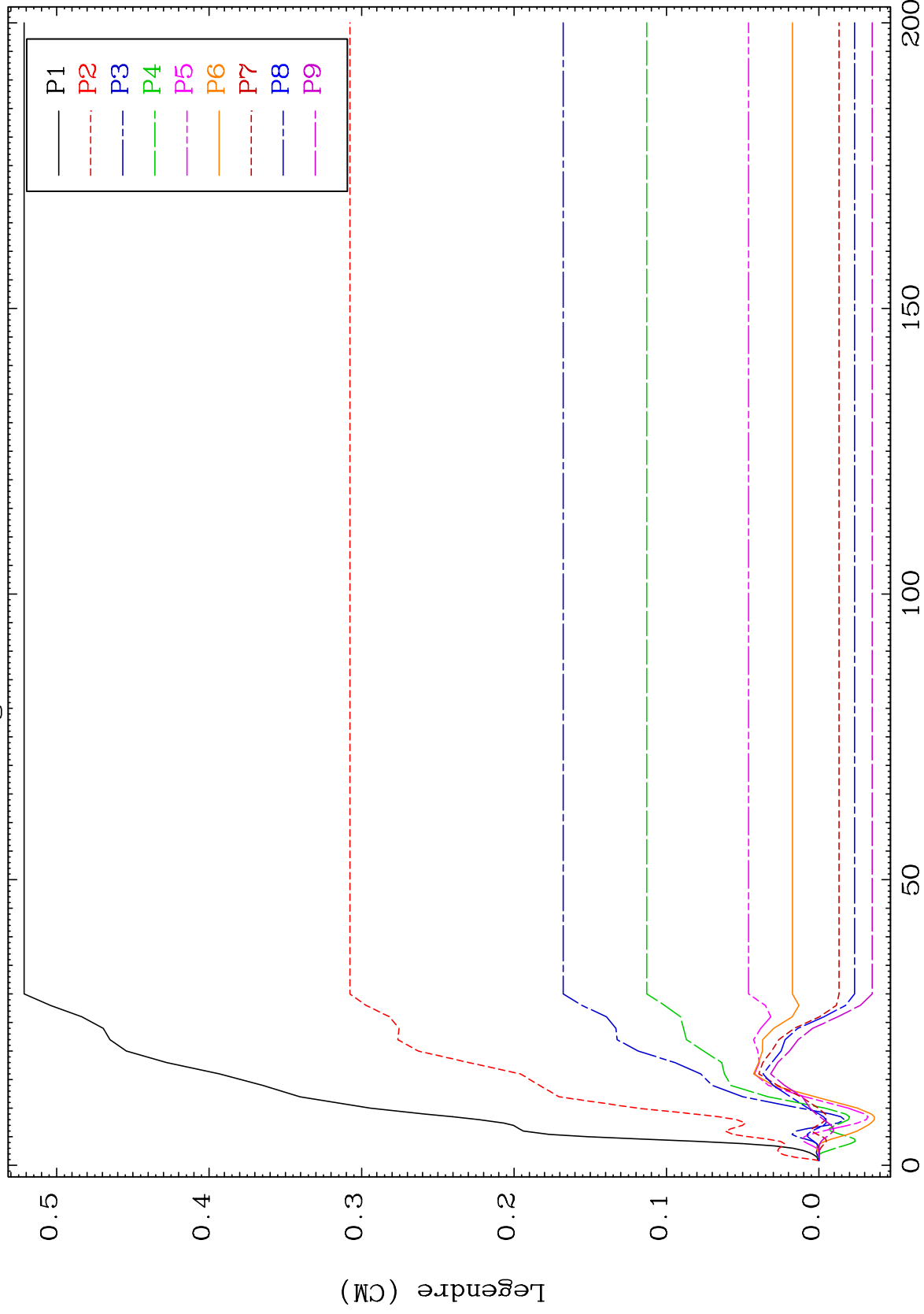
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



79

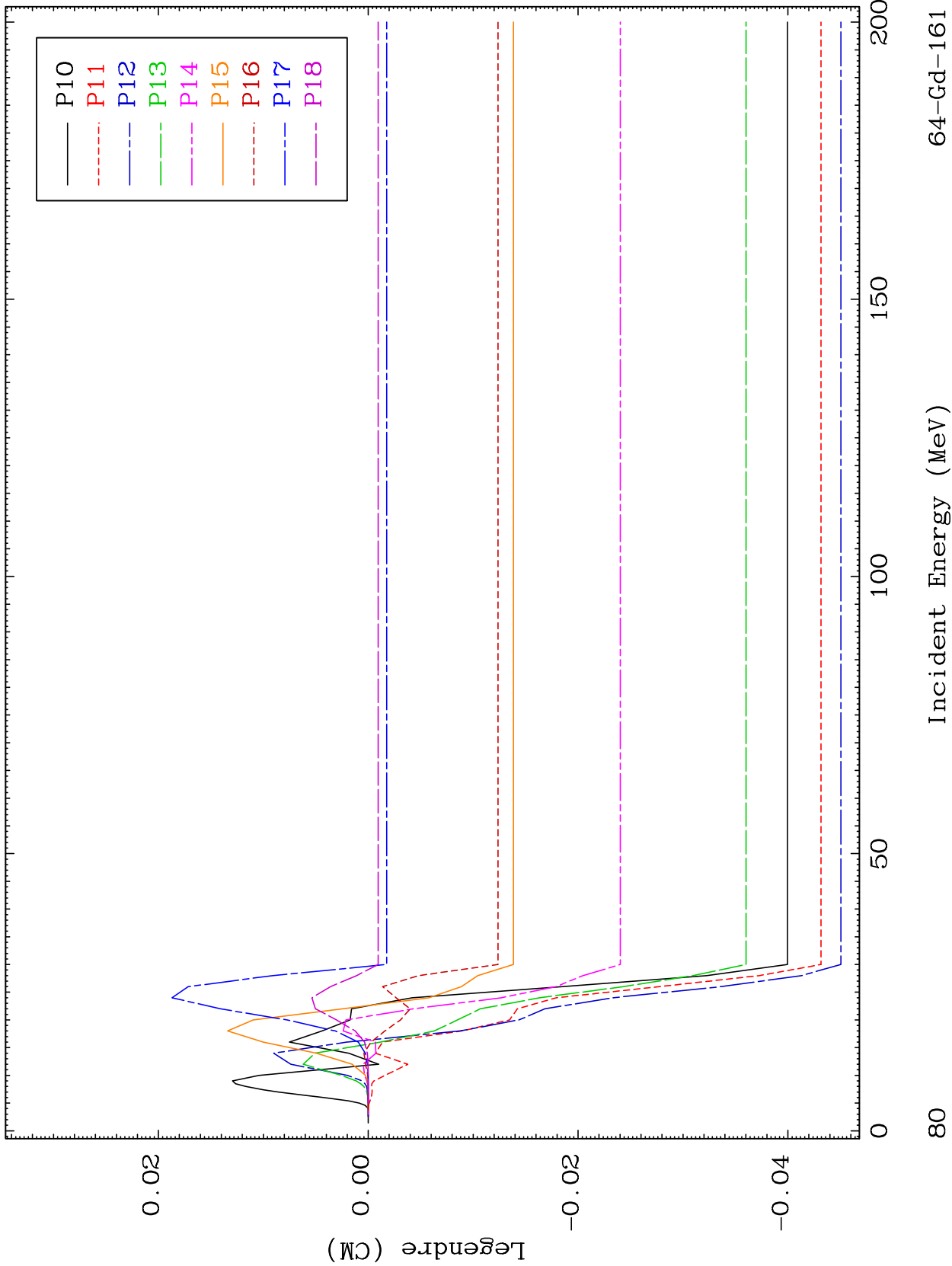
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



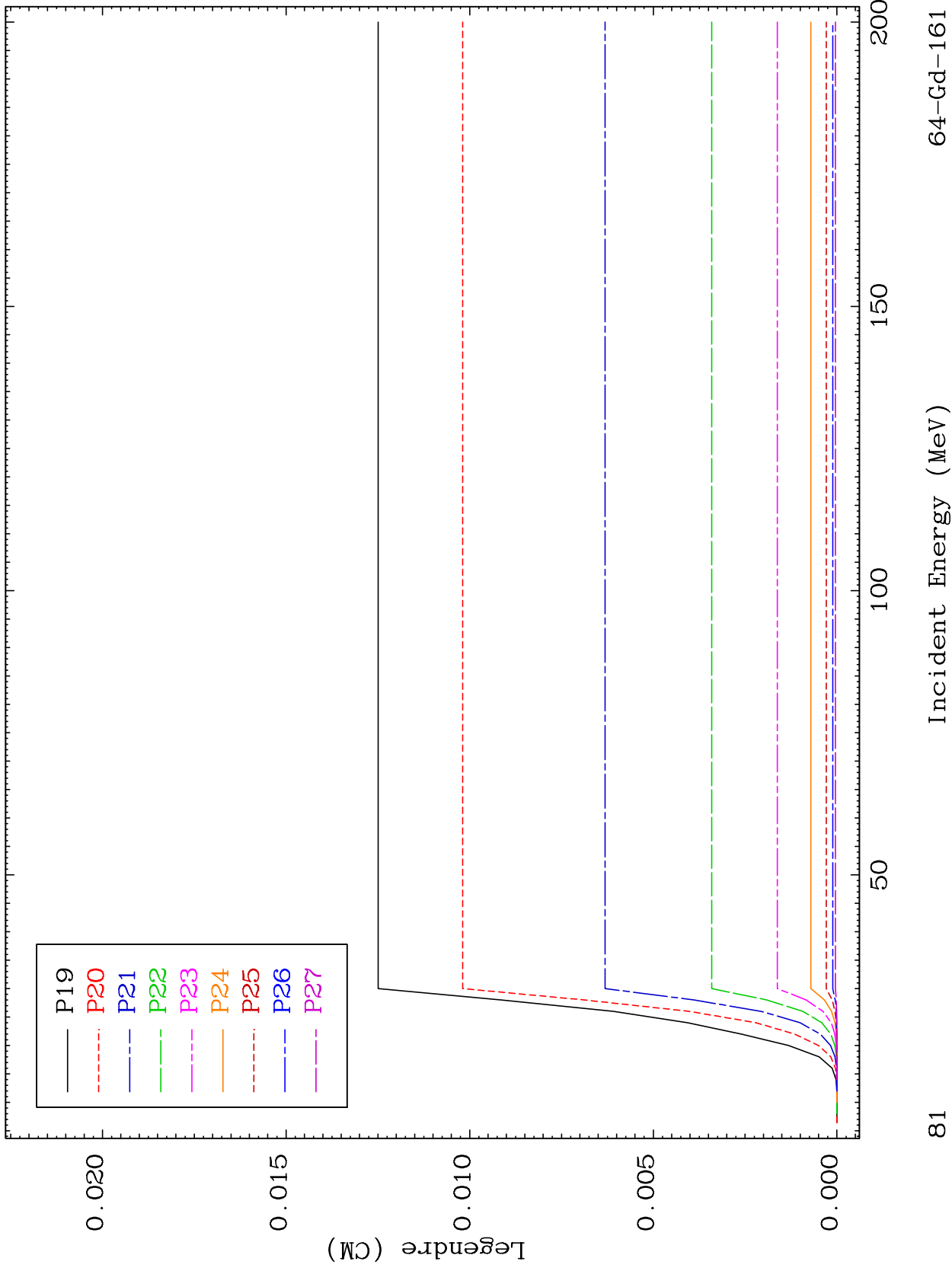
64-Gd-161

Incident Energy (MeV)

MAT 6452

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

64-Gd-161



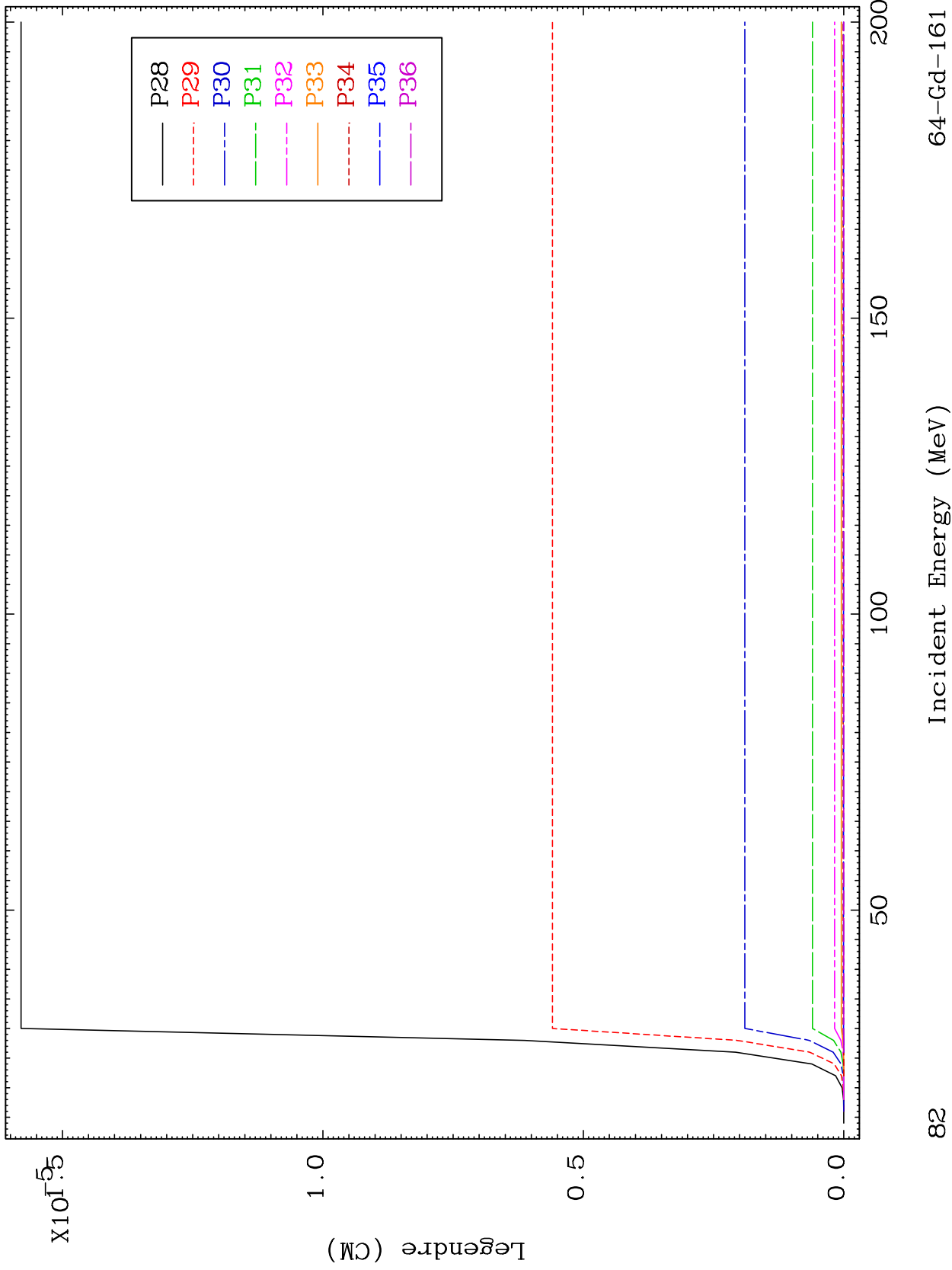
81

64-Gd-161

MAT 6452

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

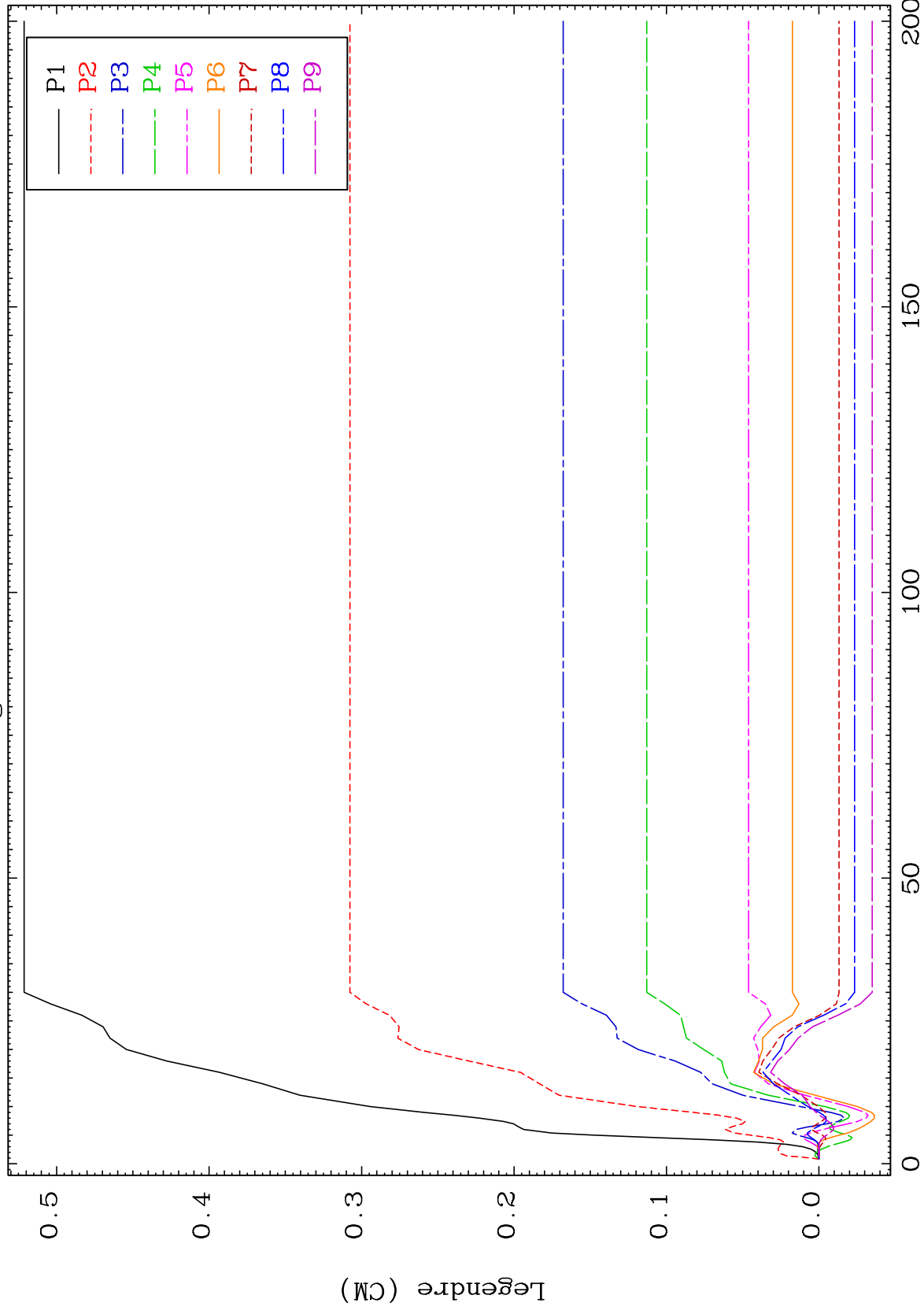
64-Gd-161



MAT 6452

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

64-Gd-161



83

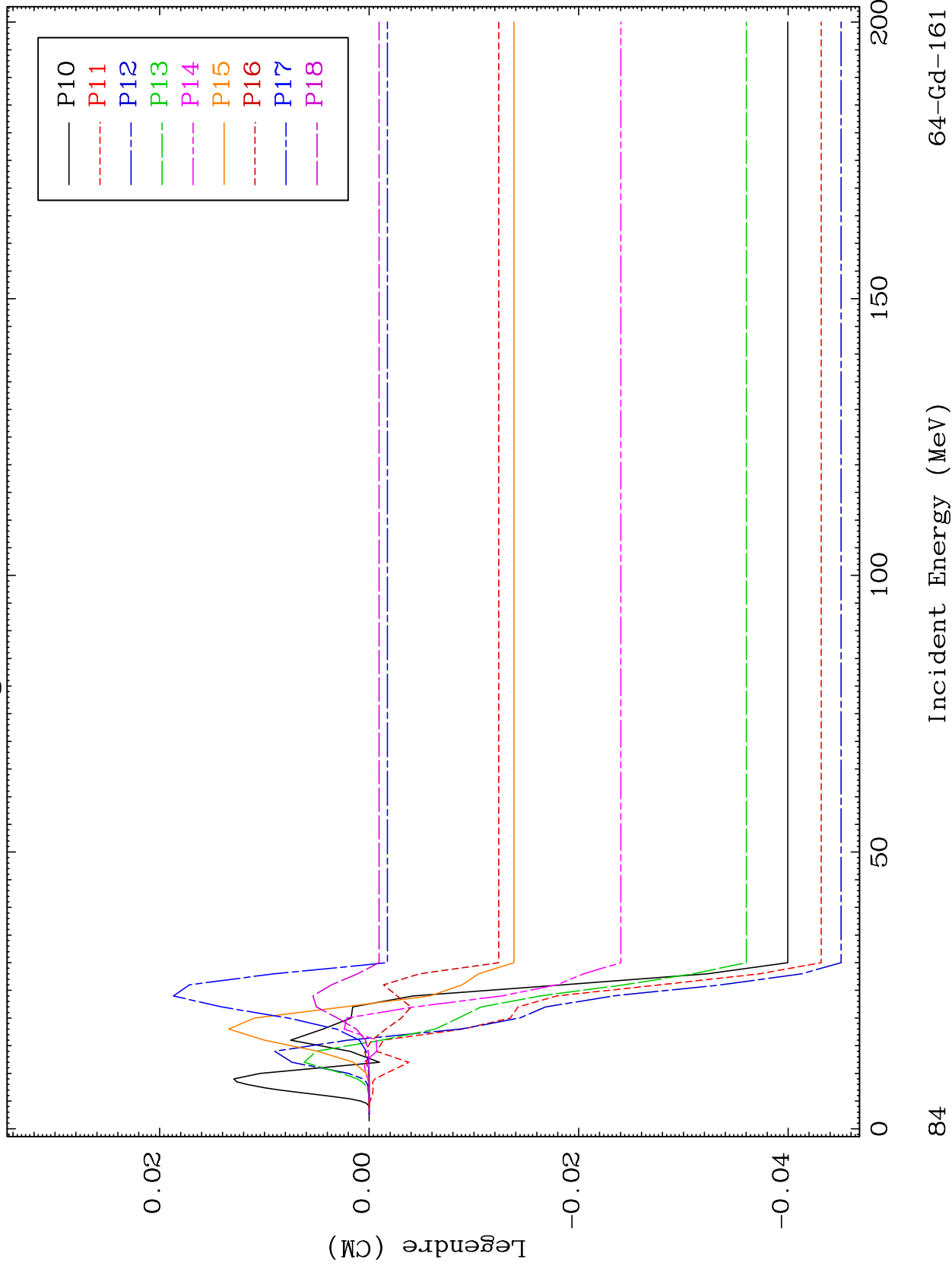
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



64-Gd-161

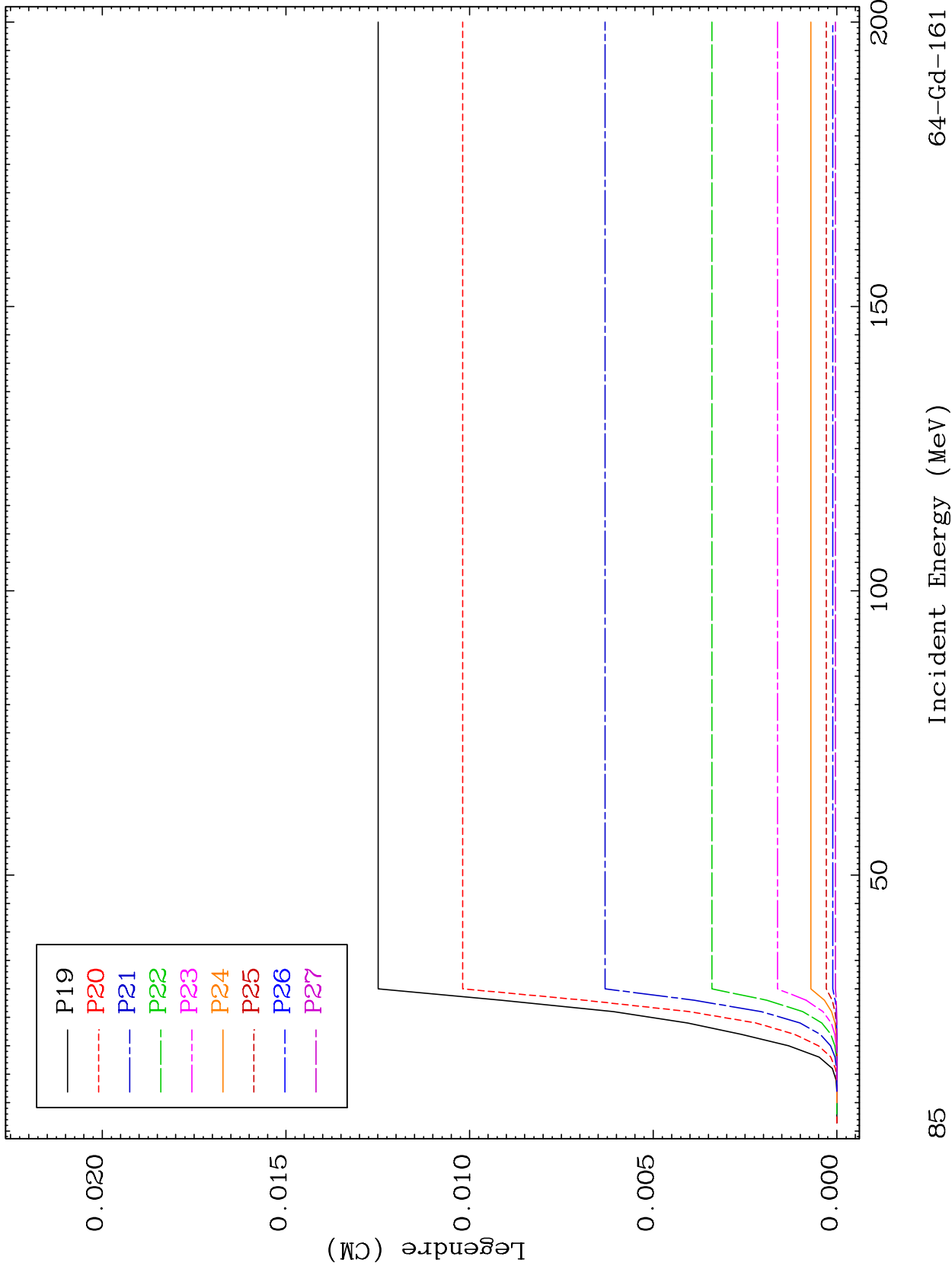
Incident Energy (MeV)

84

MAT 6452

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

64-Gd-161



85

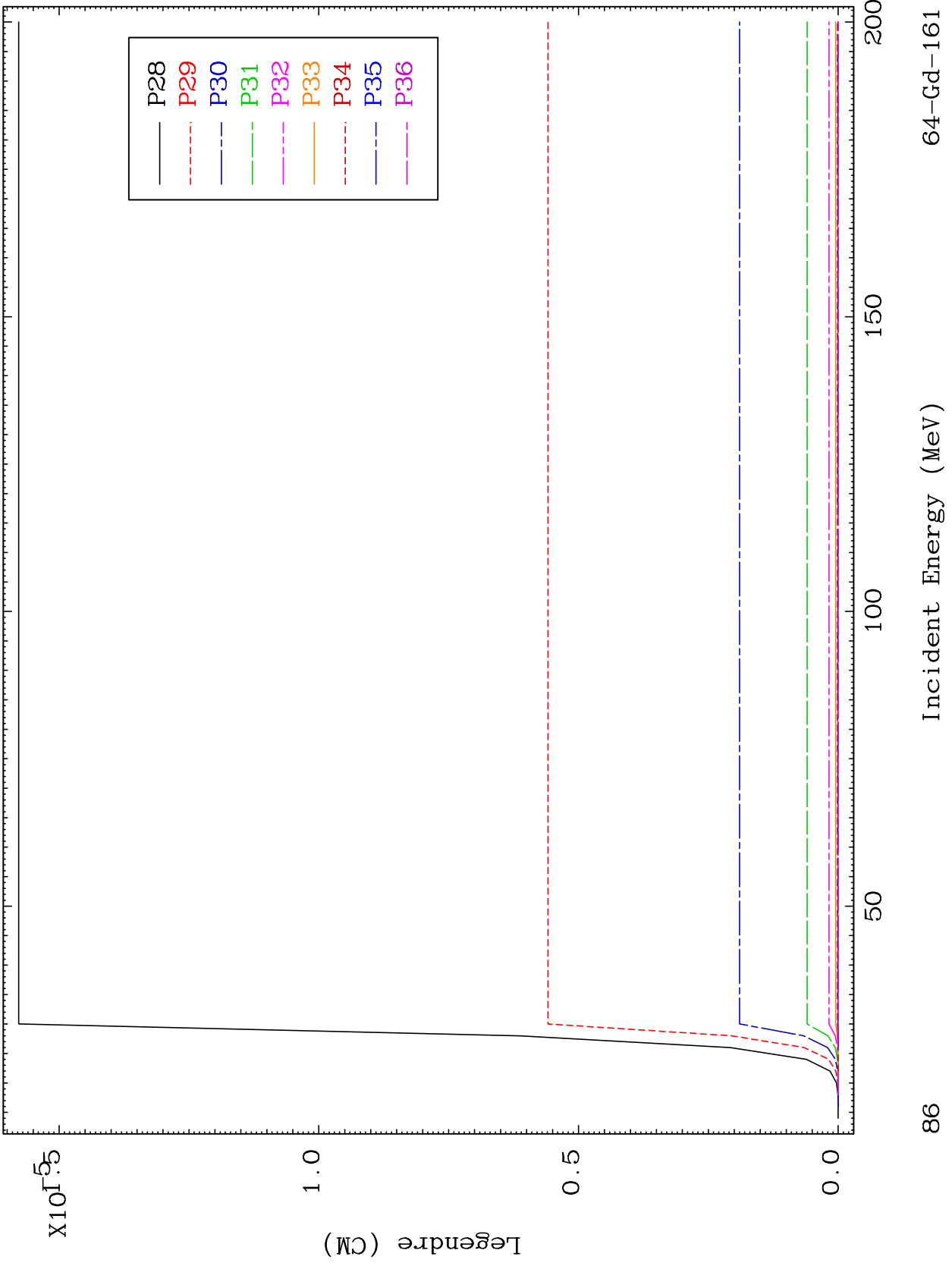
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



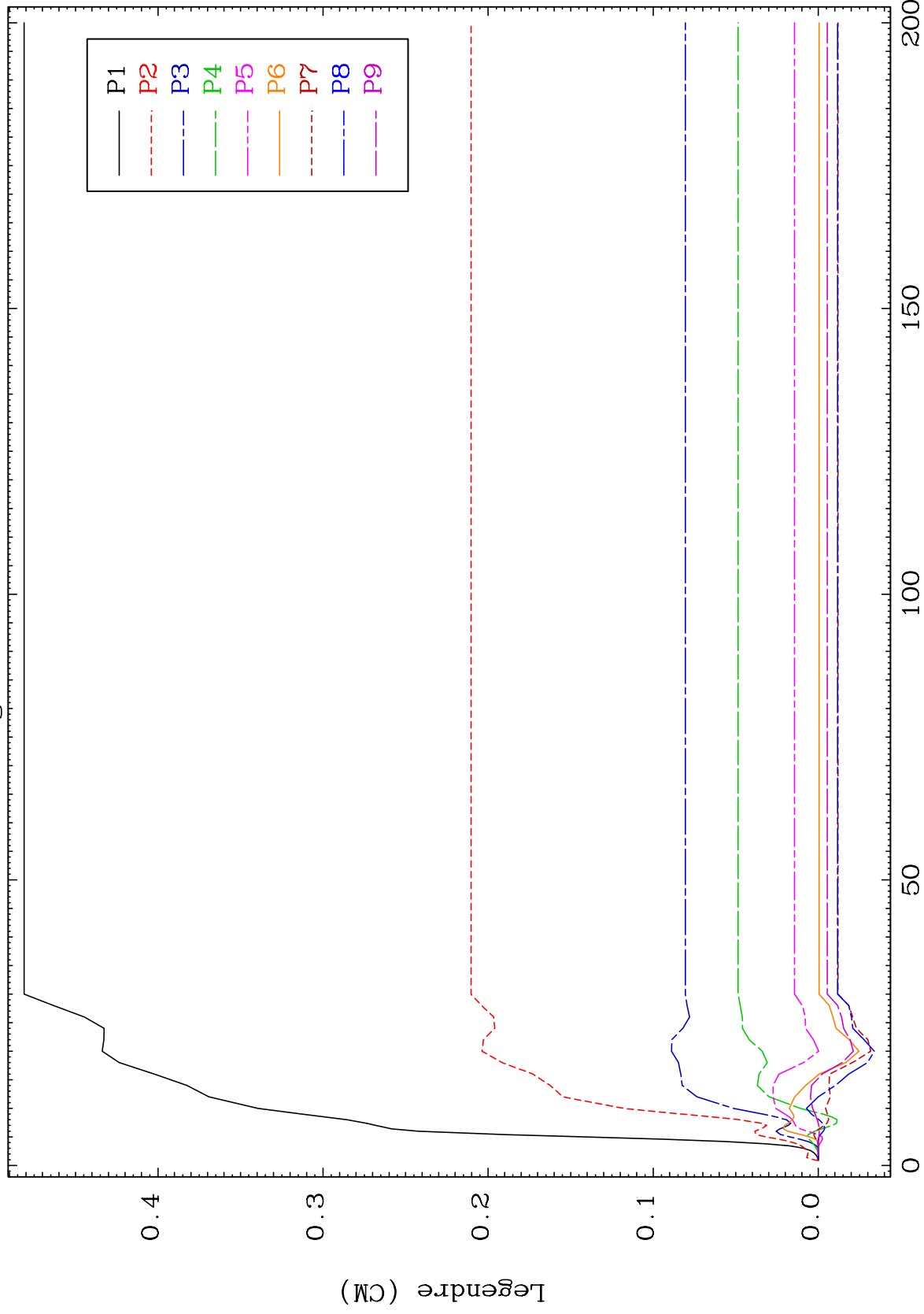
86

64-Gd-161

MAT 6452

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

64-Gd-161



87

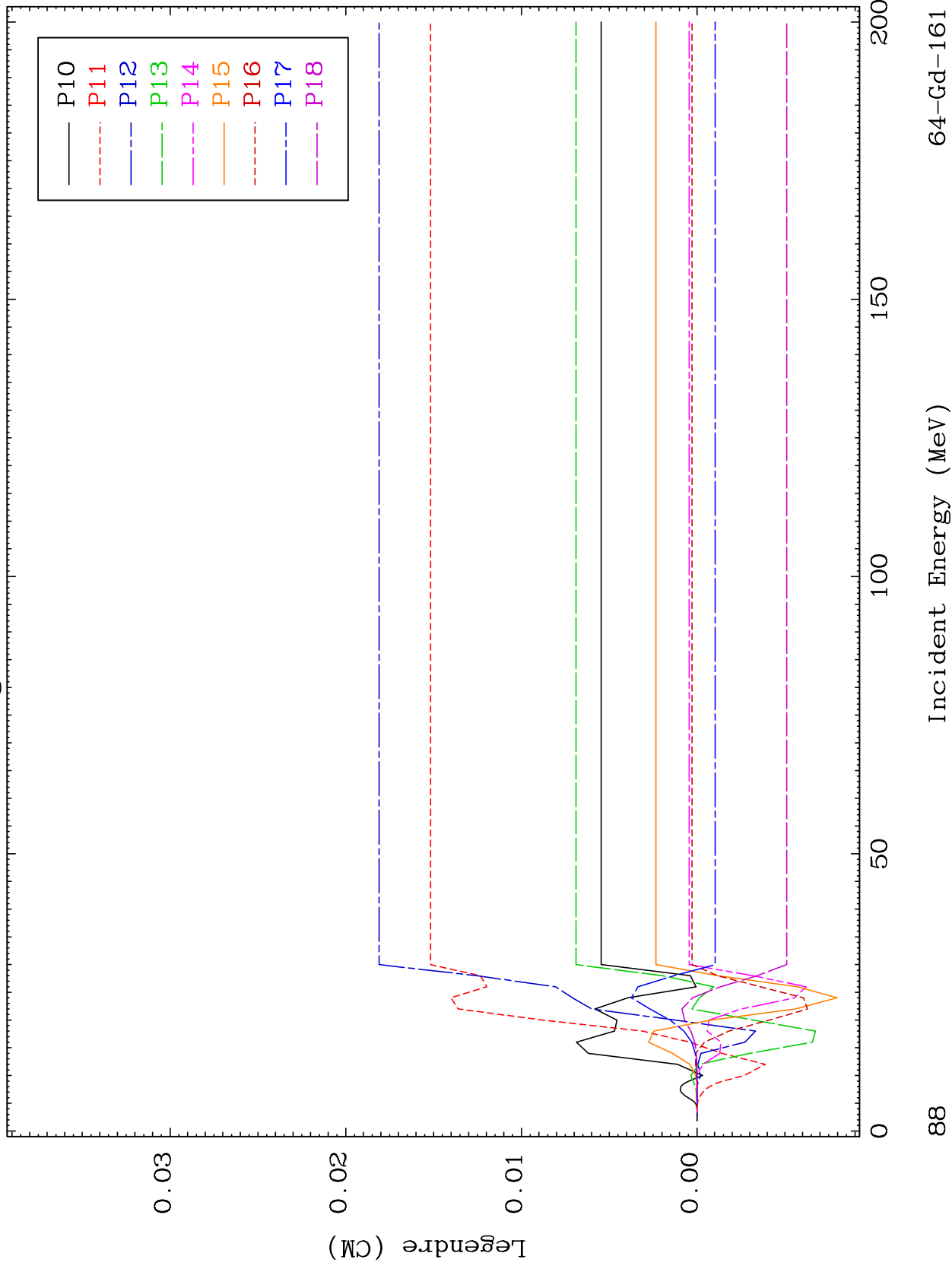
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



64-Gd-161

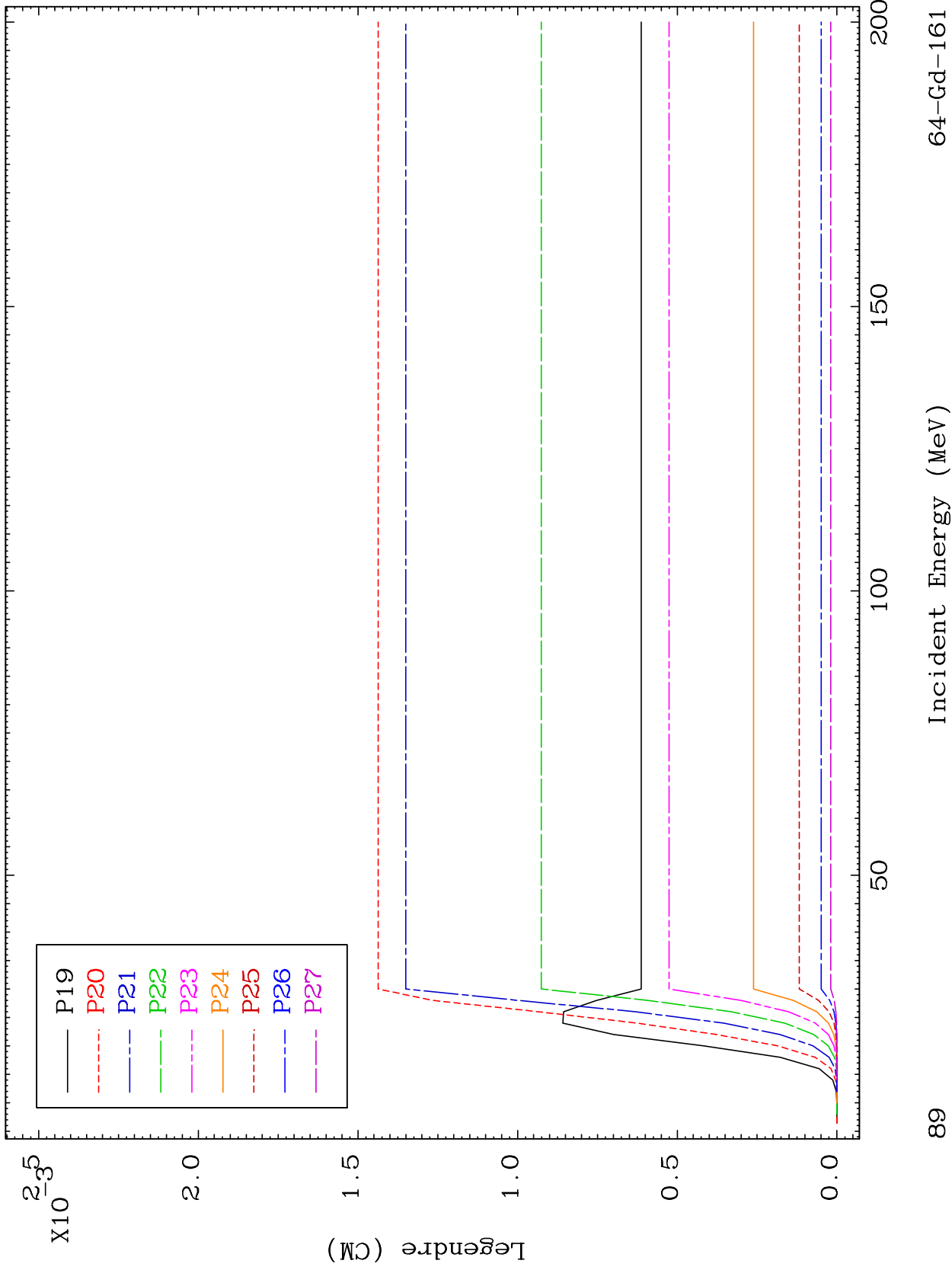
Incident Energy (MeV)

88

MAT 6452

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

64-Gd-161

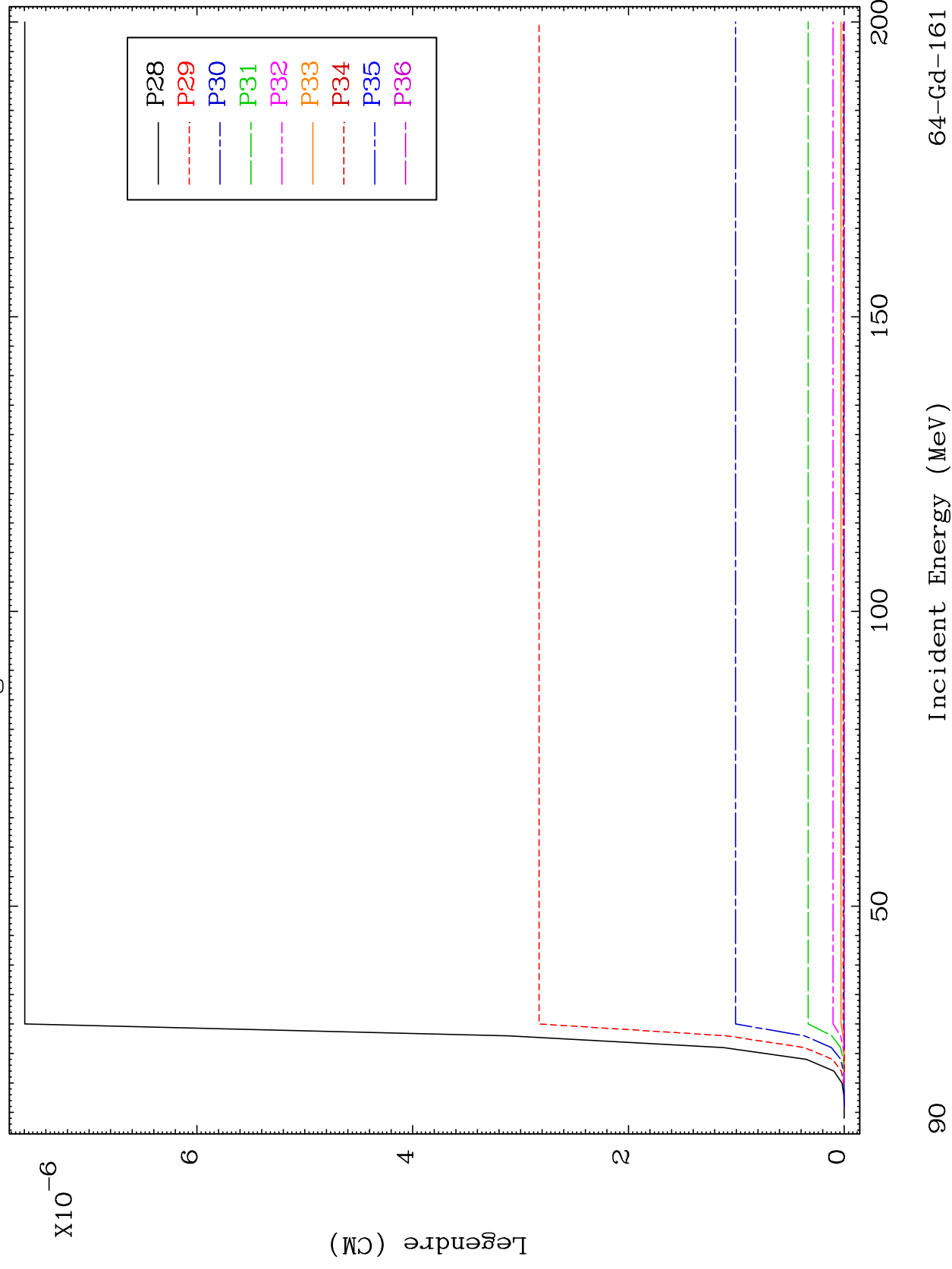


89

MAT 6452

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

64-Gd-161



90

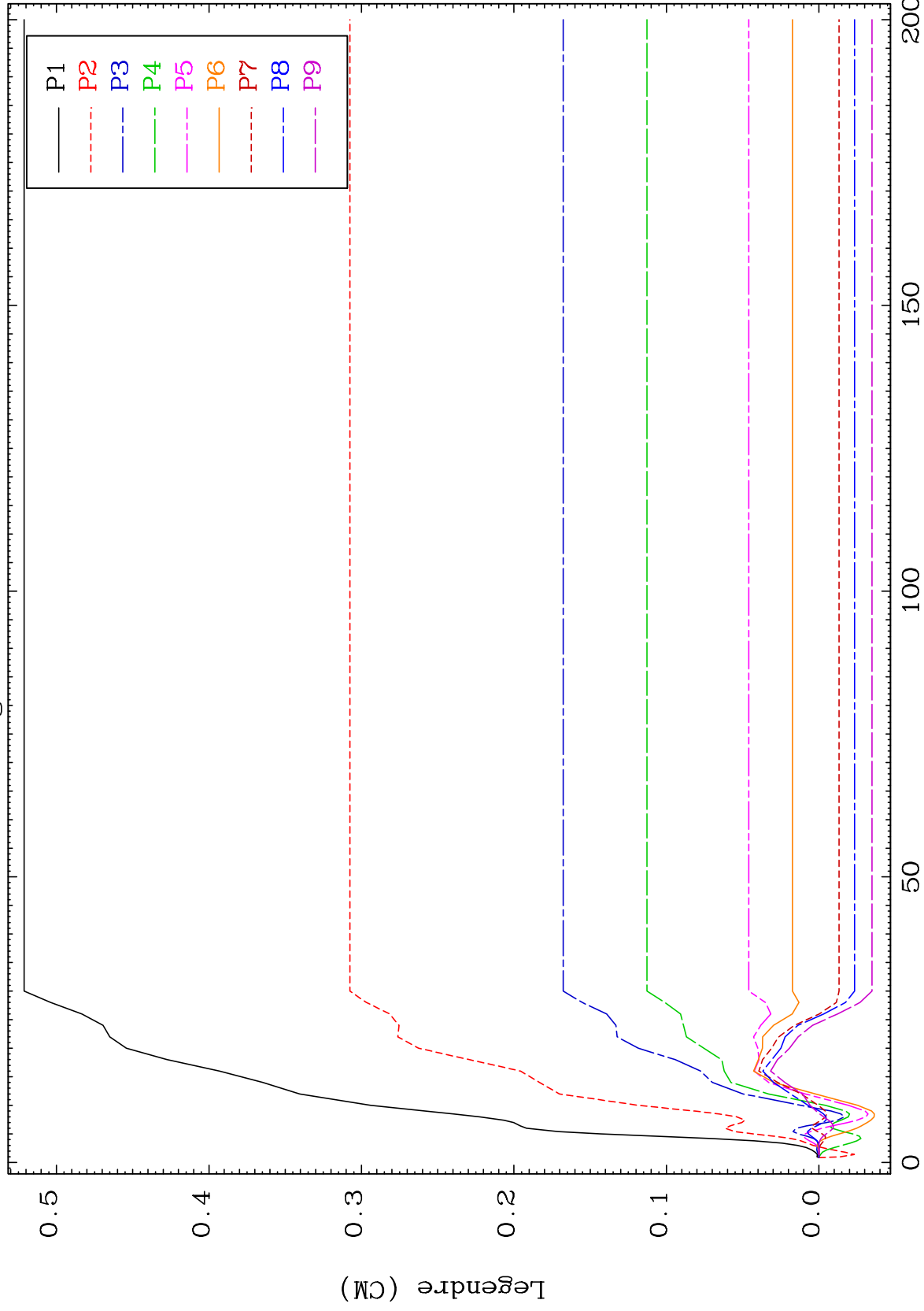
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



91

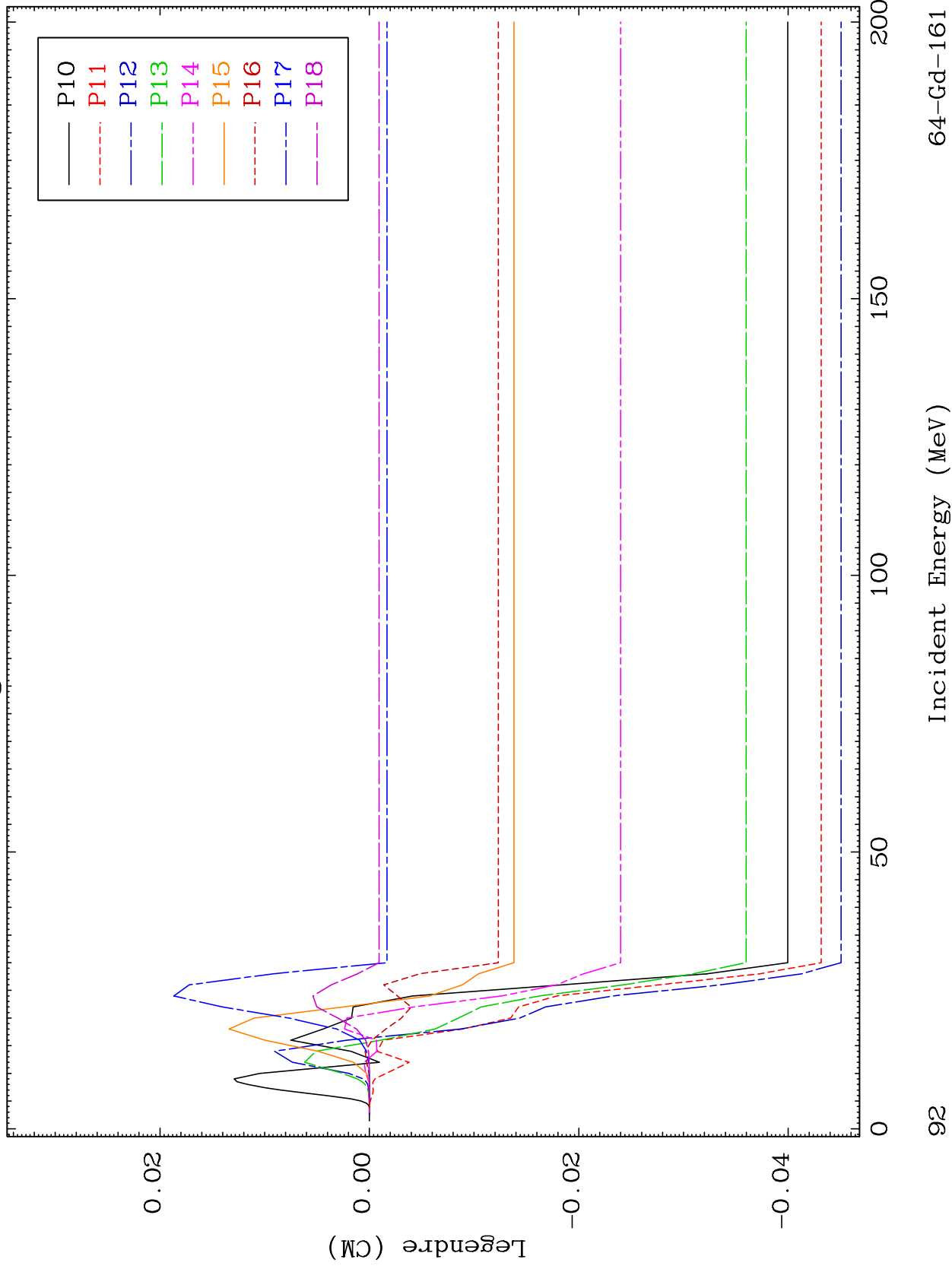
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



64-Gd-161

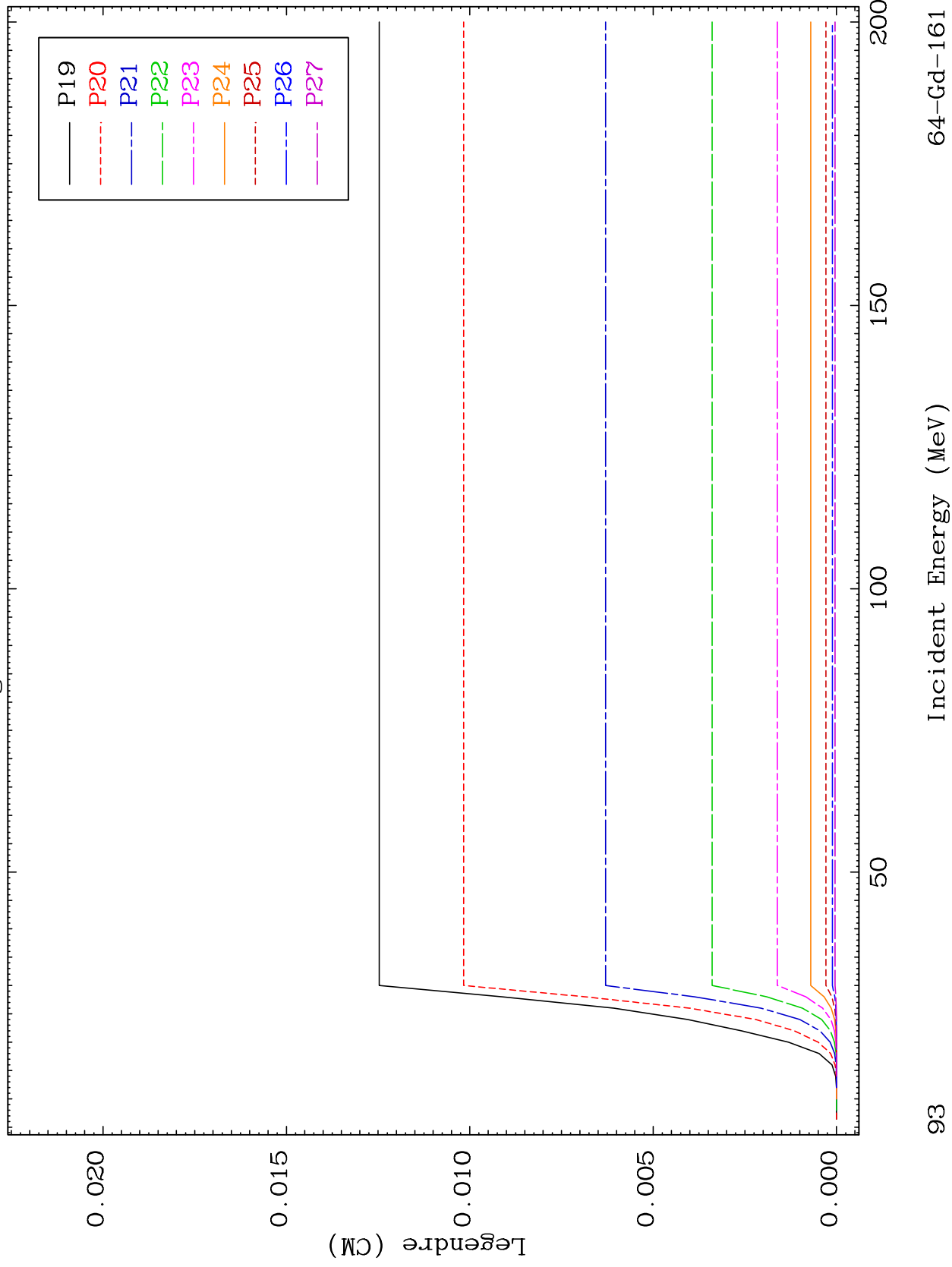
Incident Energy (MeV)

92

MAT 6452

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

64-Gd-161



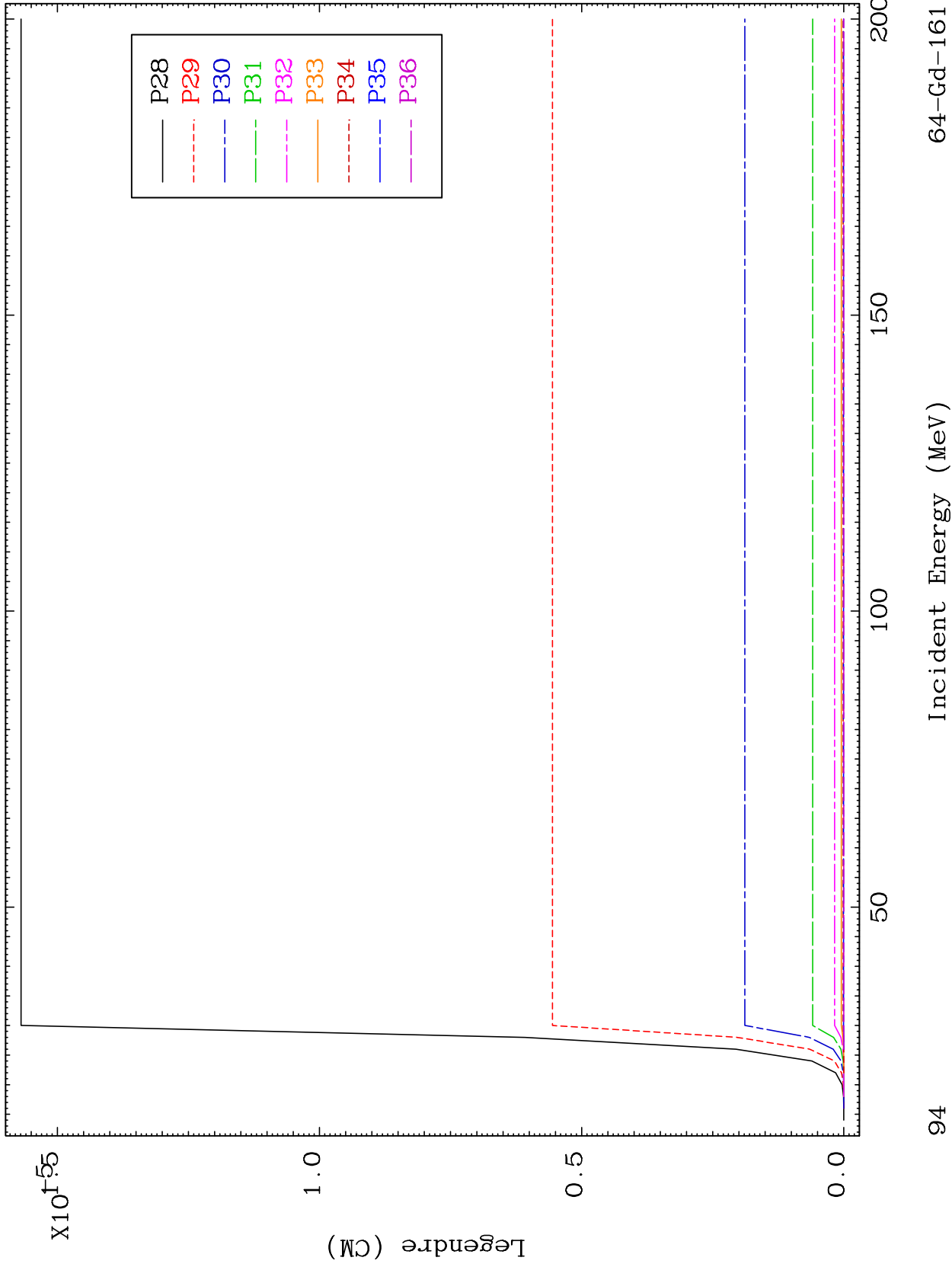
93

64-Gd-161

MAT 6452

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

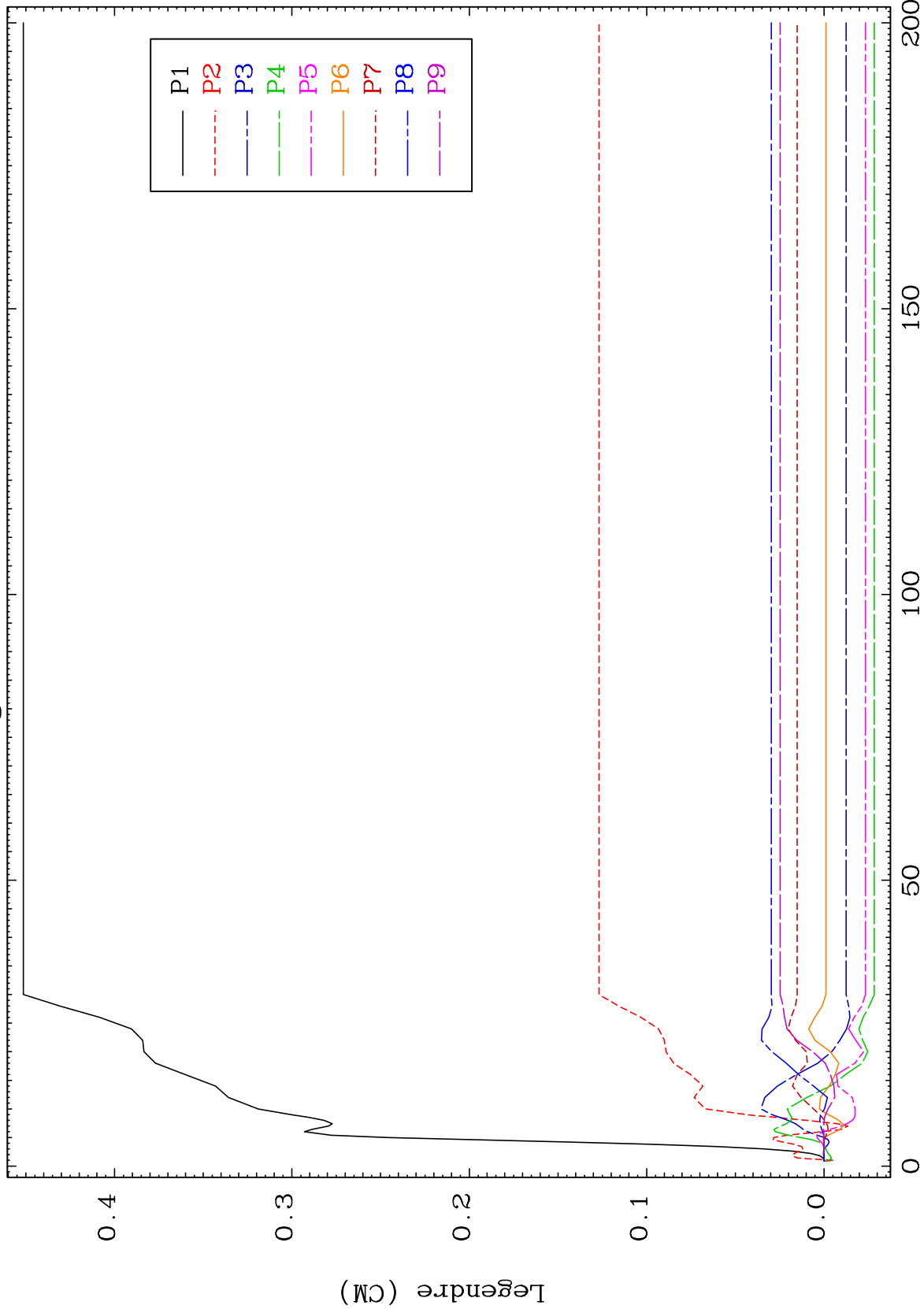
64-Gd-161



MAT 6452

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

64-Gd-161



95

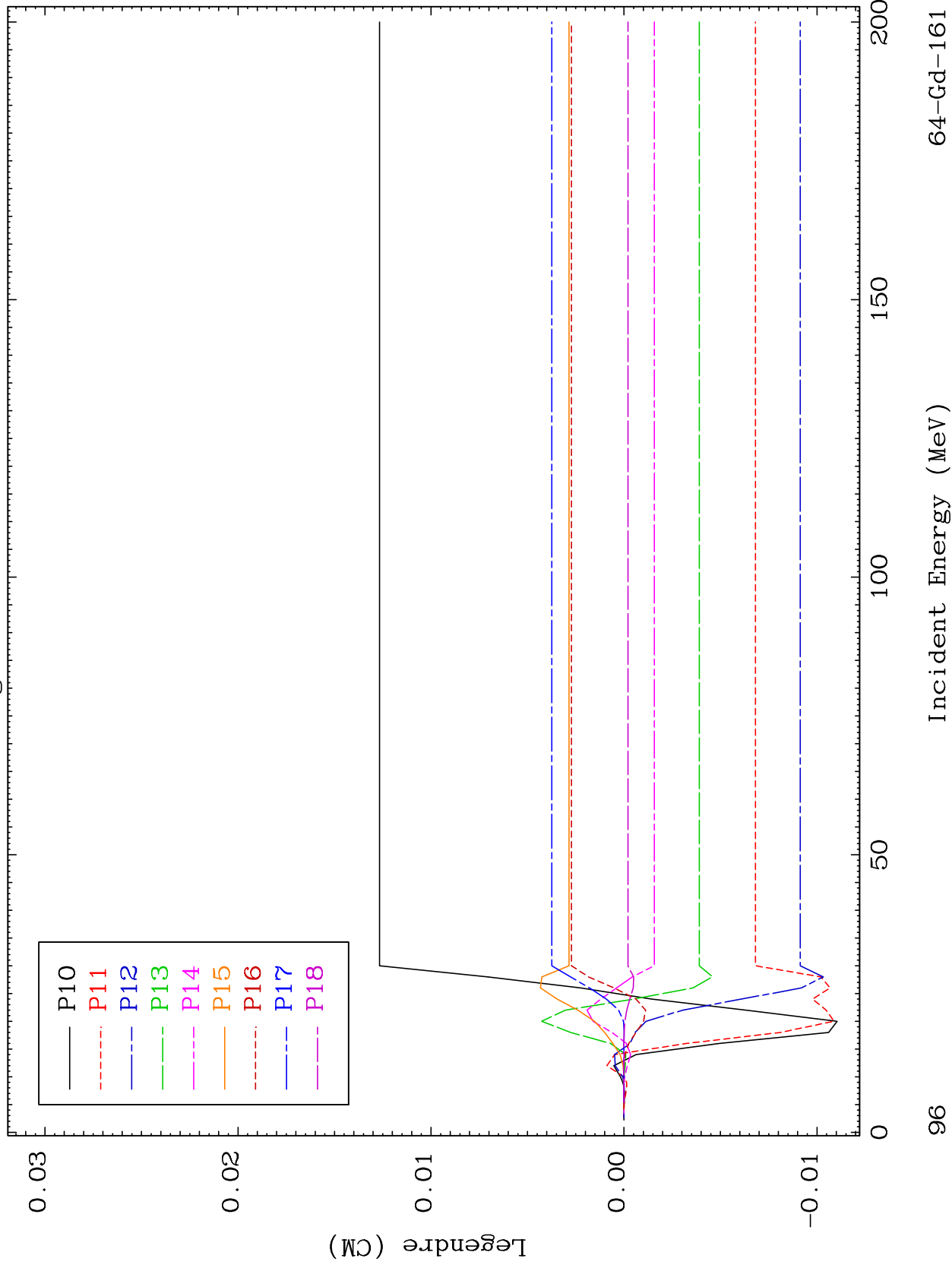
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



96

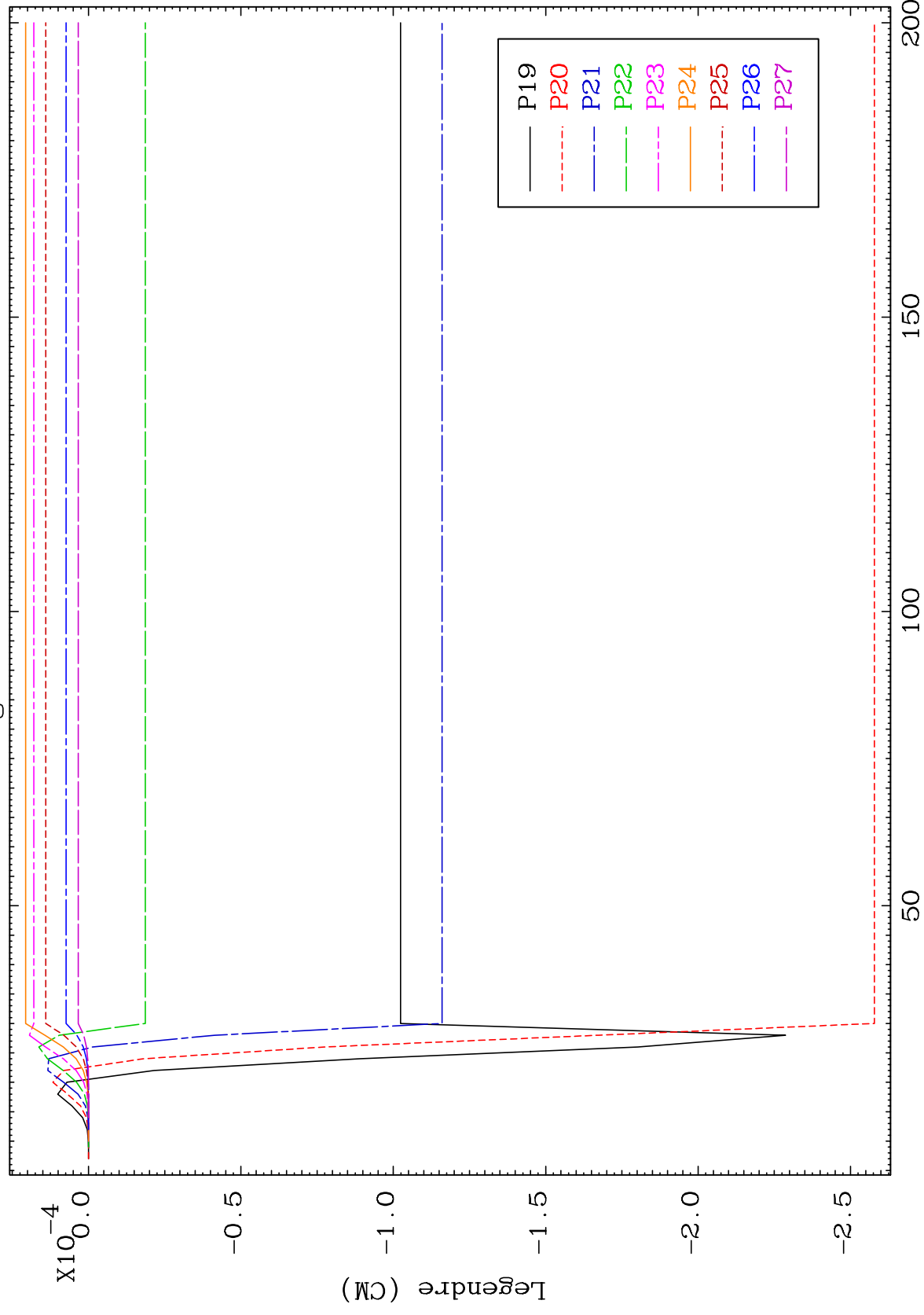
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

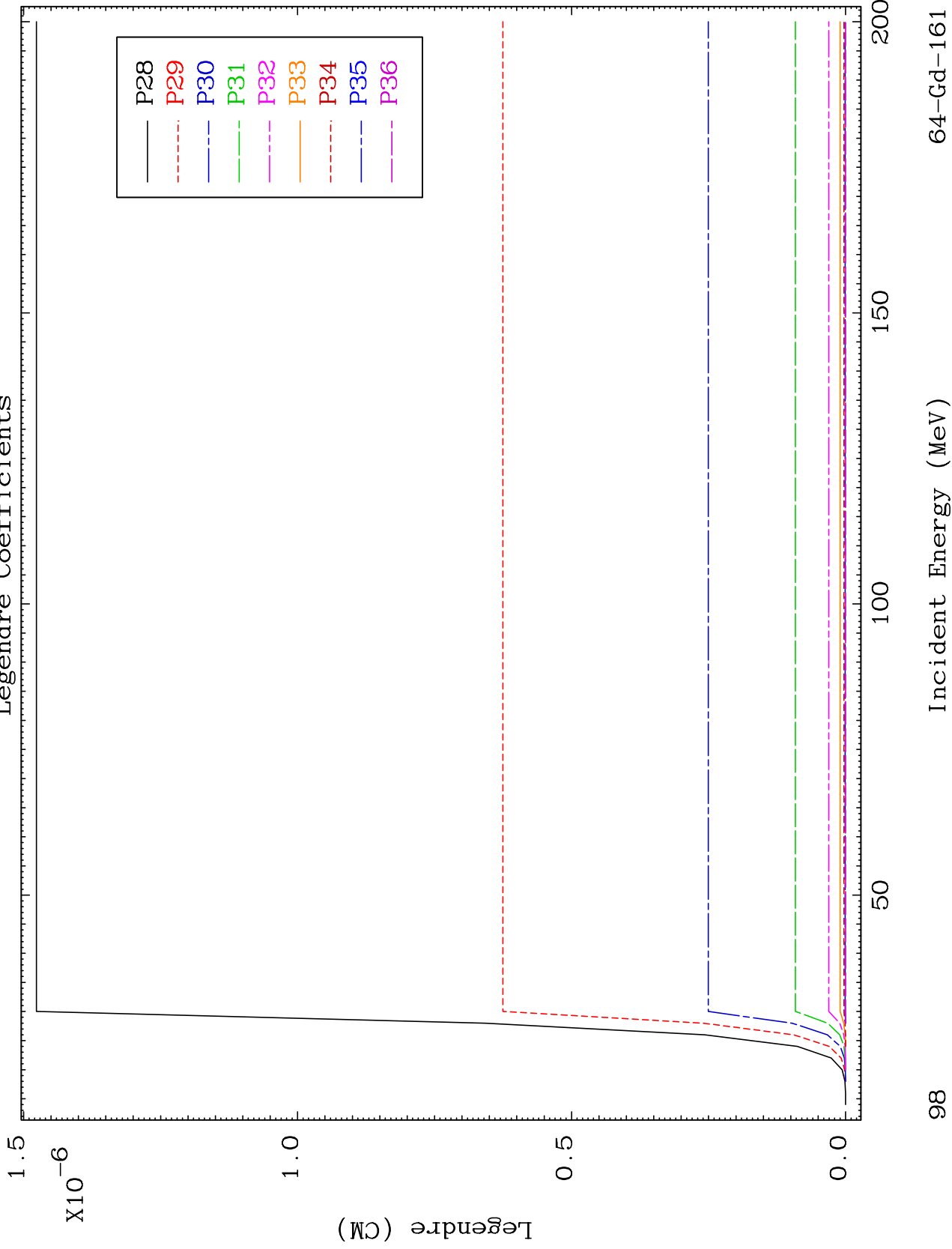
64-Gd-161



MAT 6452

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

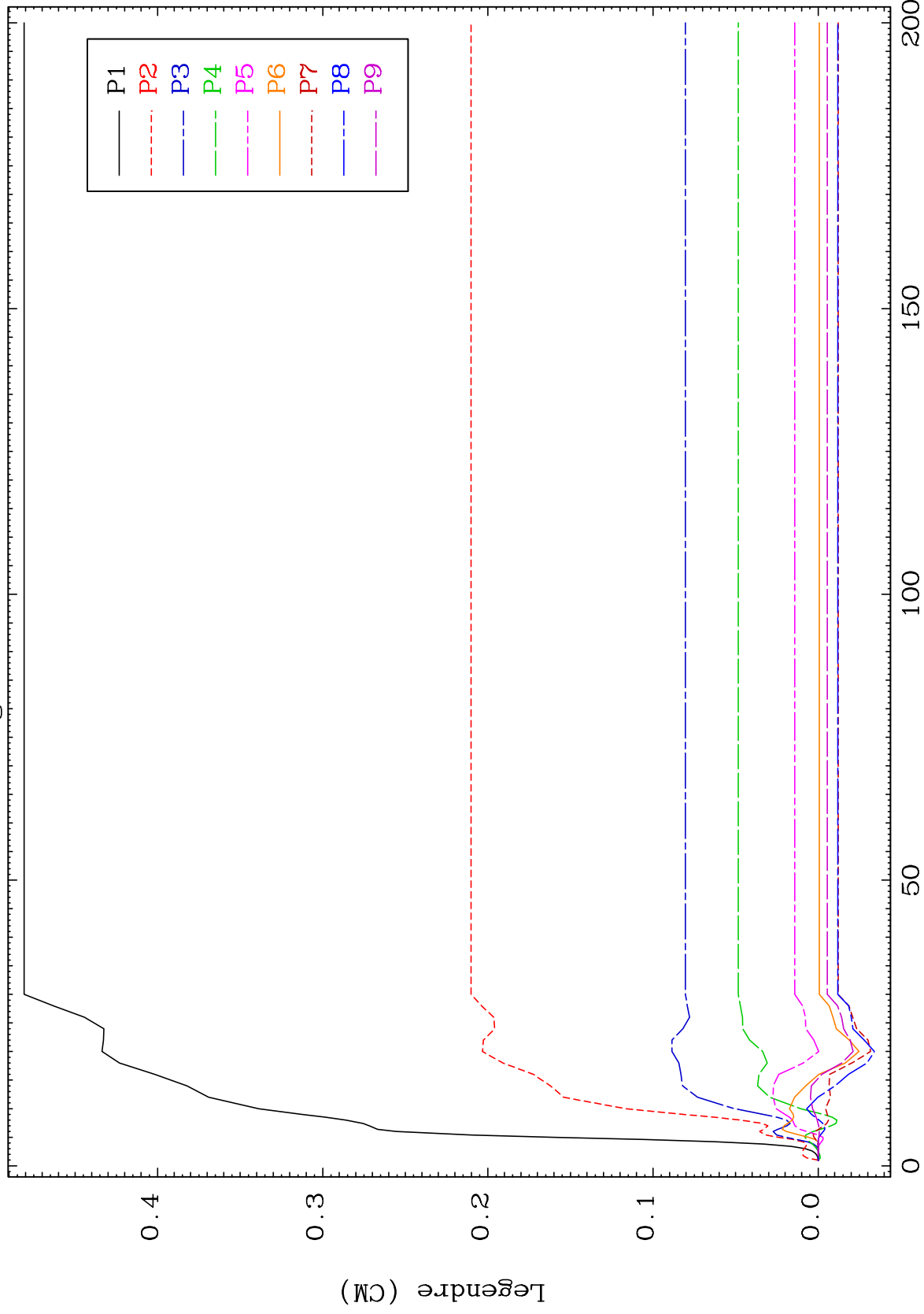
64-Gd-161



MAT 6452

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

64-Gd-161



99

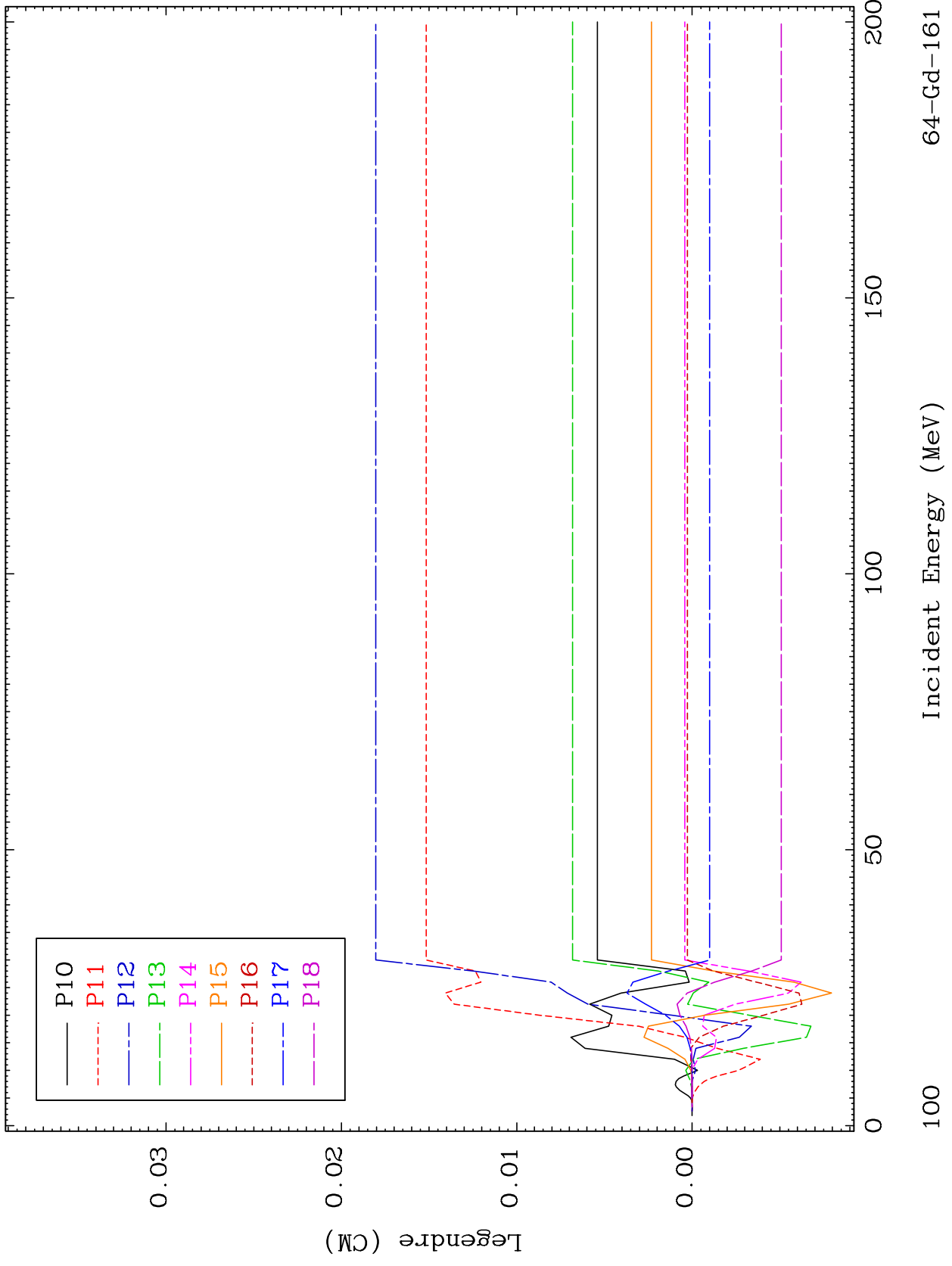
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161

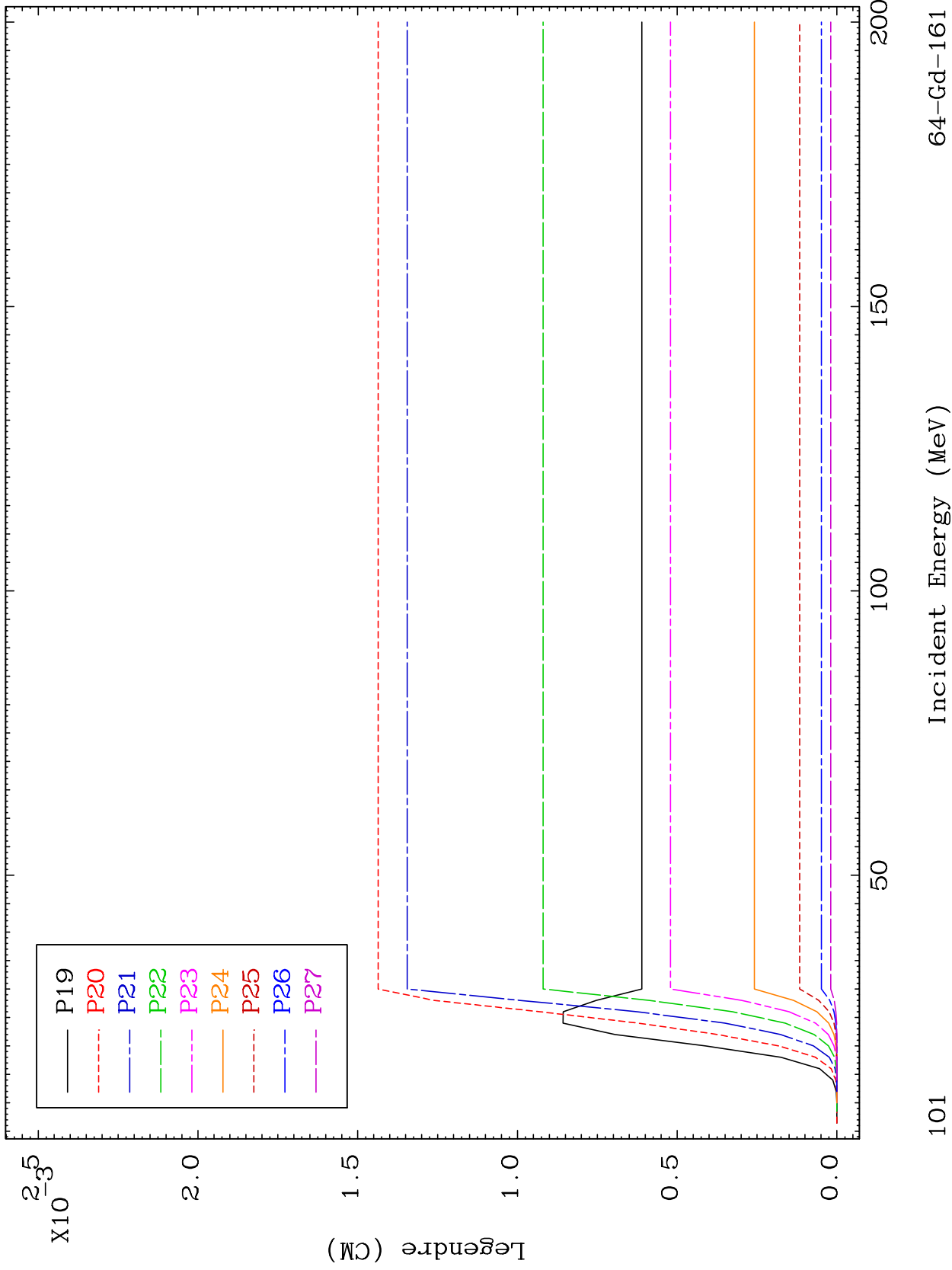


64-Gd-161

MAT 6452

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

64-Gd-161



101

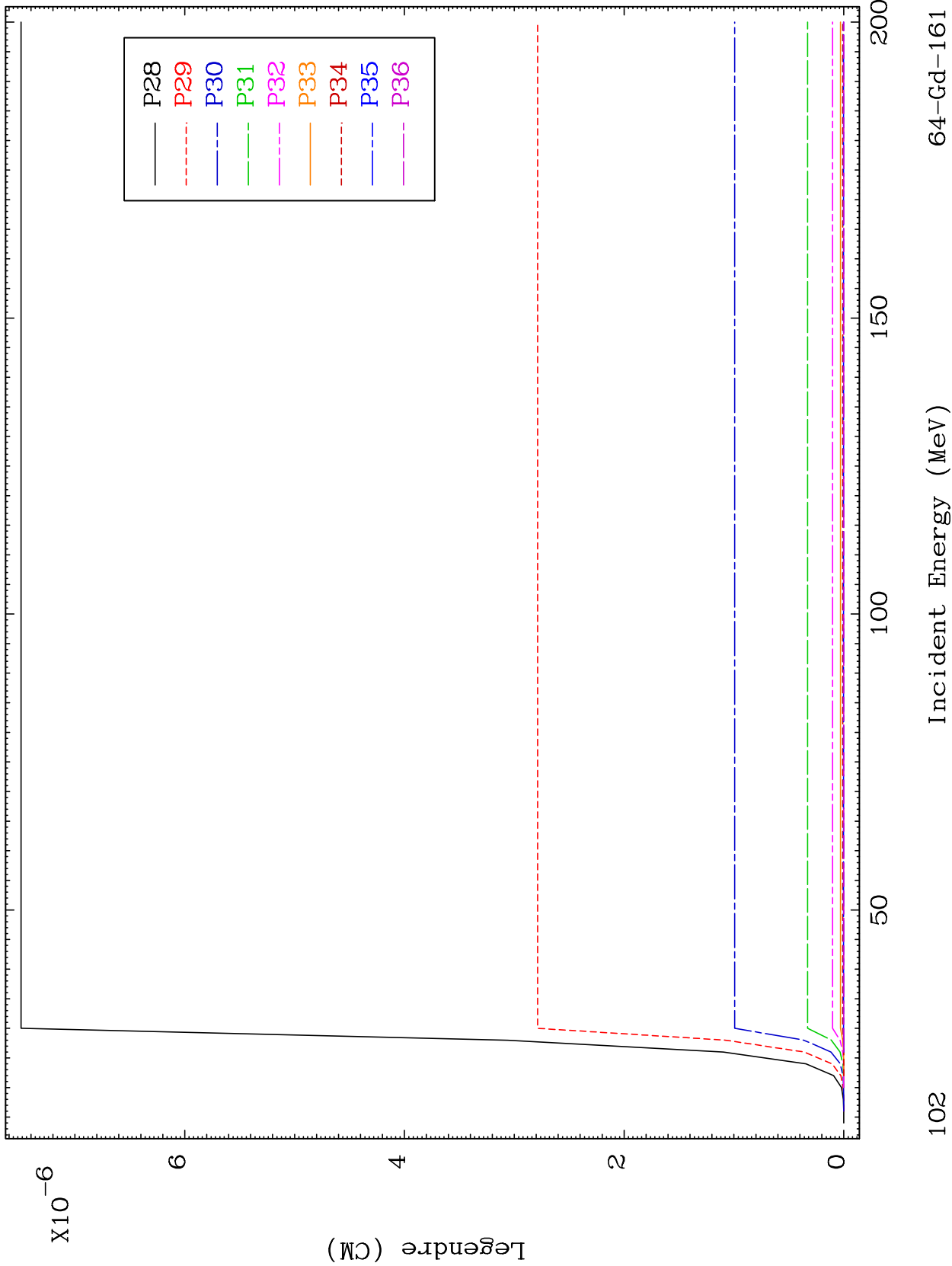
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

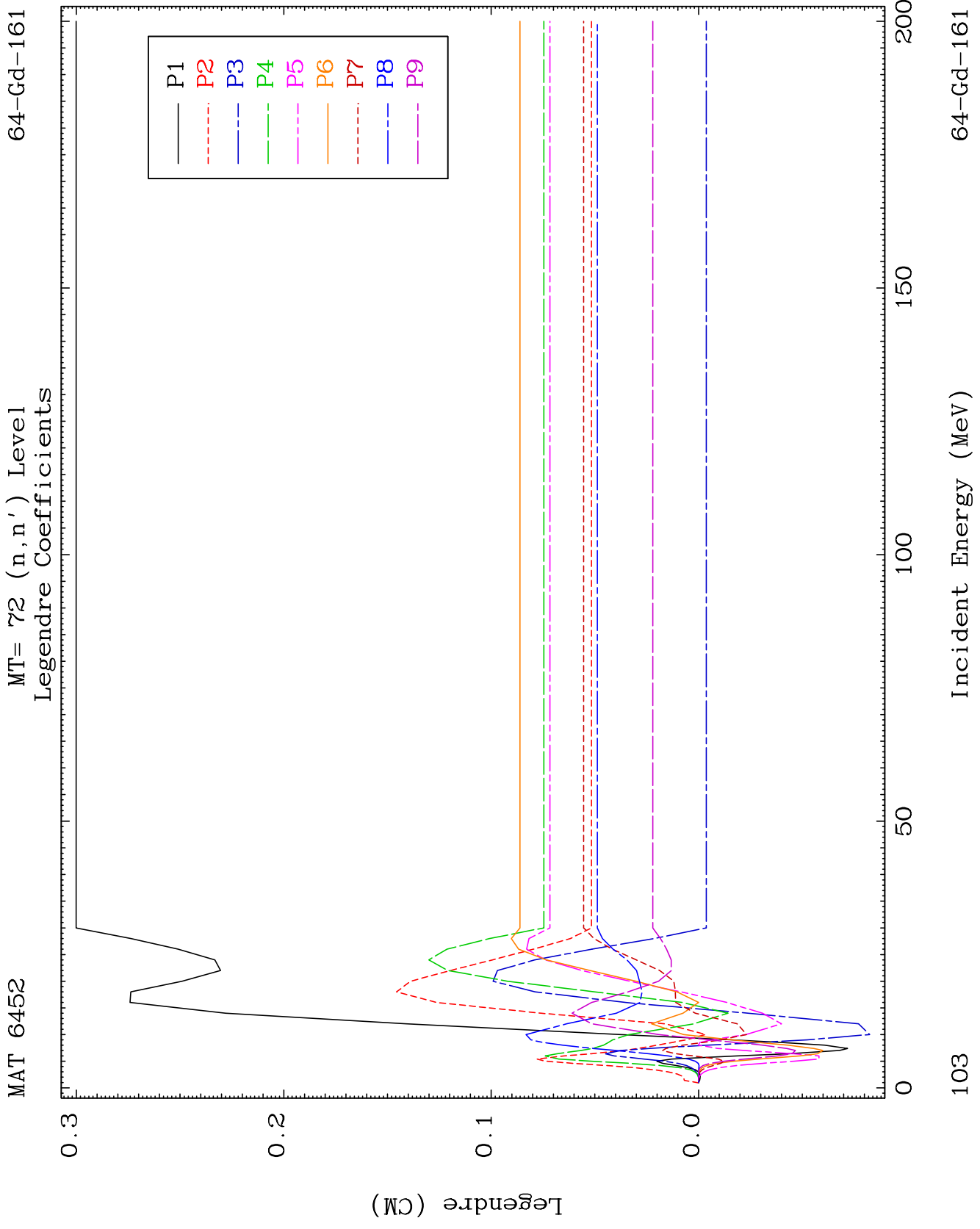
64-Gd-161



102

Incident Energy (MeV)

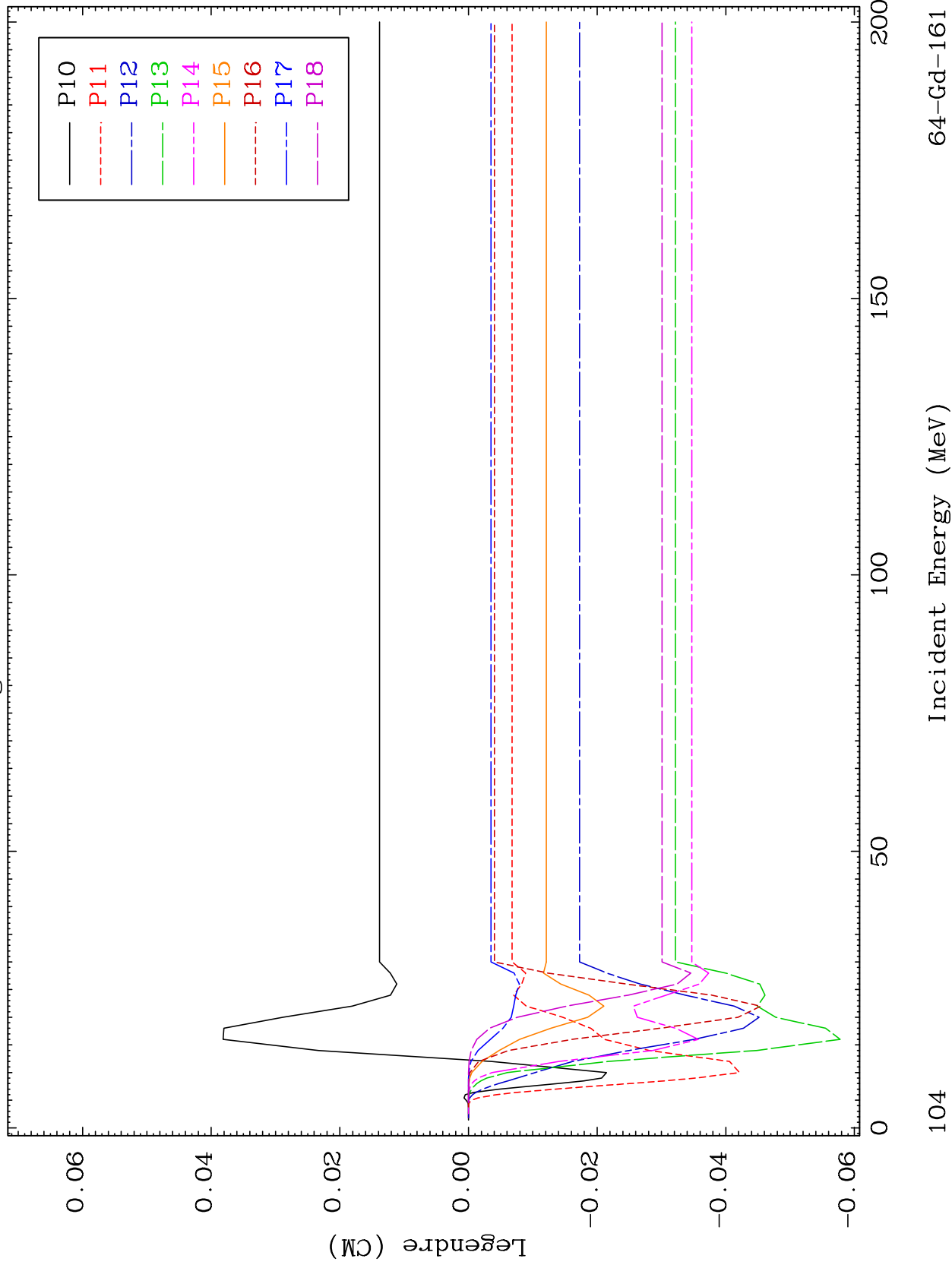
64-Gd-161



MAT 6452

MT= 72 (n,n') Level
Legendre Coefficients

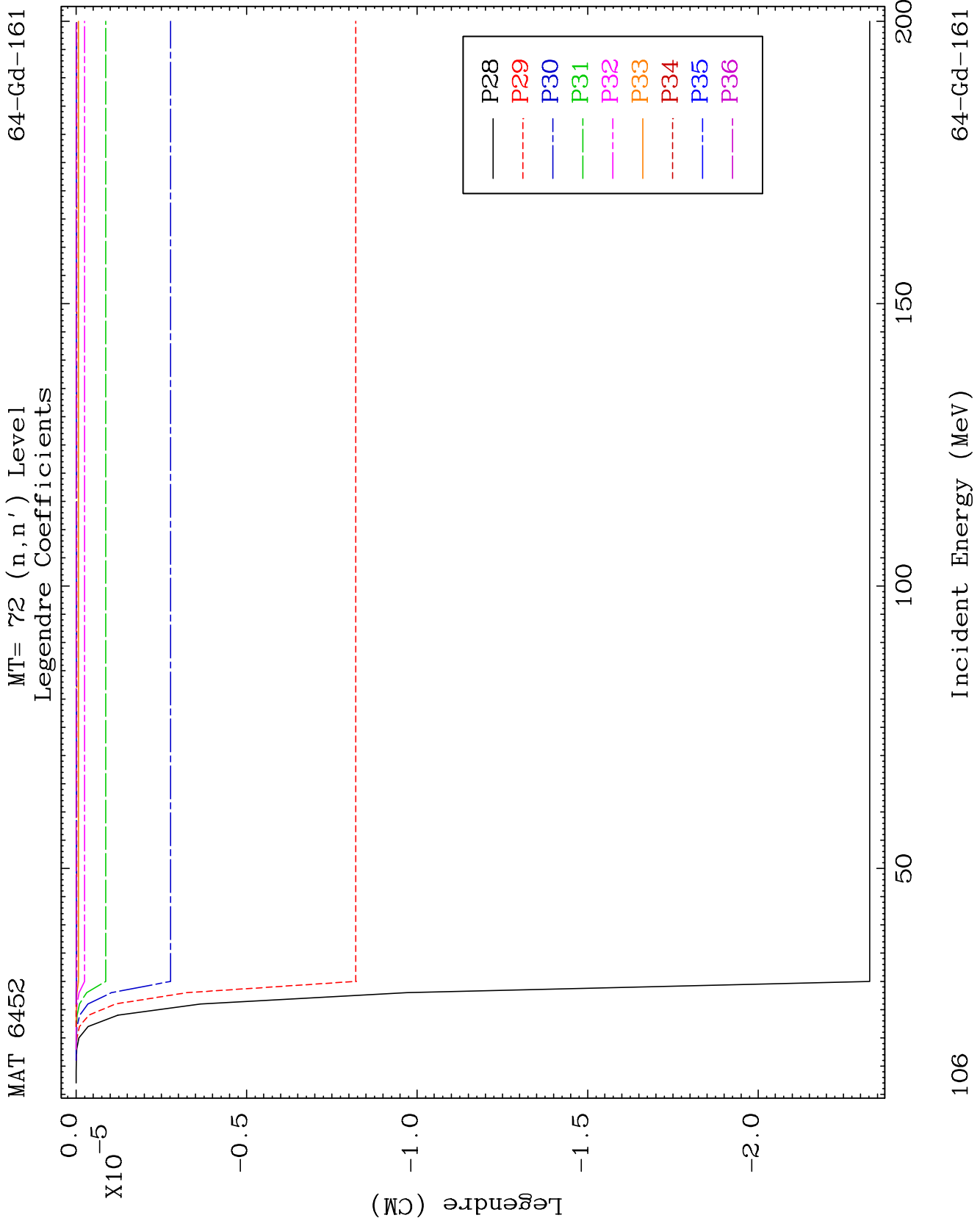
64-Gd-161



64-Gd-161

Incident Energy (MeV)

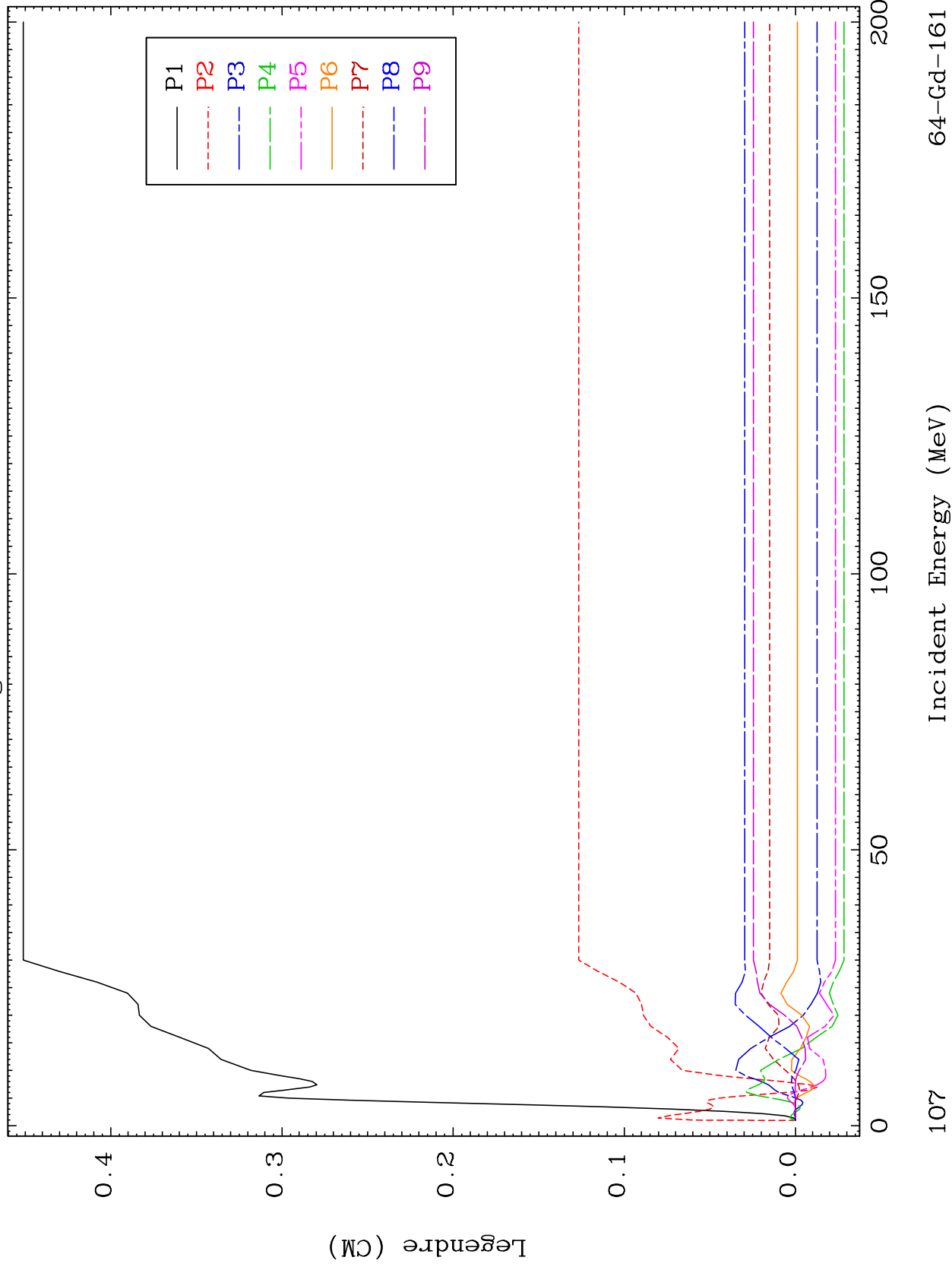
104



MAT 6452

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

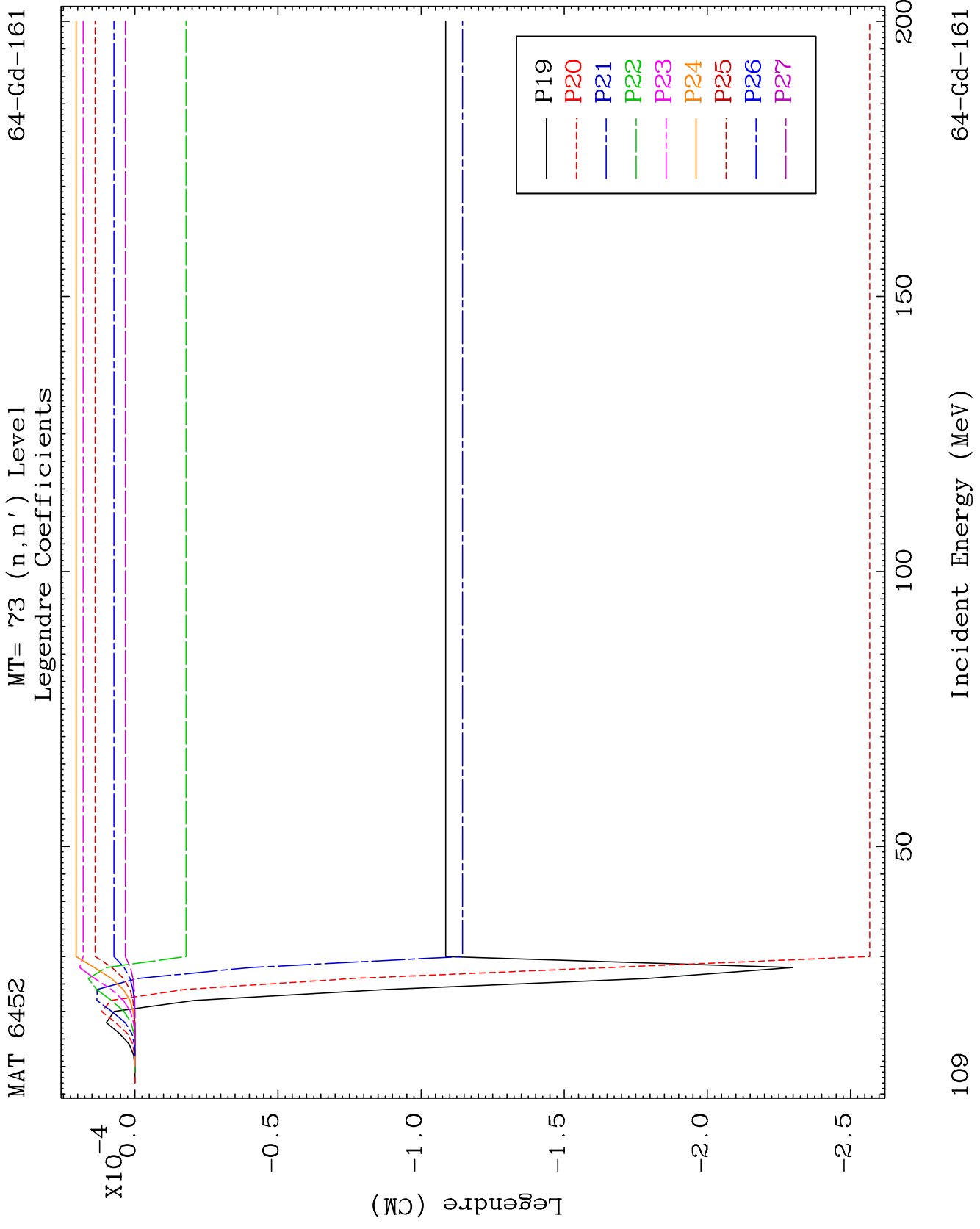
64-Gd-161



64-Gd-161

Incident Energy (MeV)

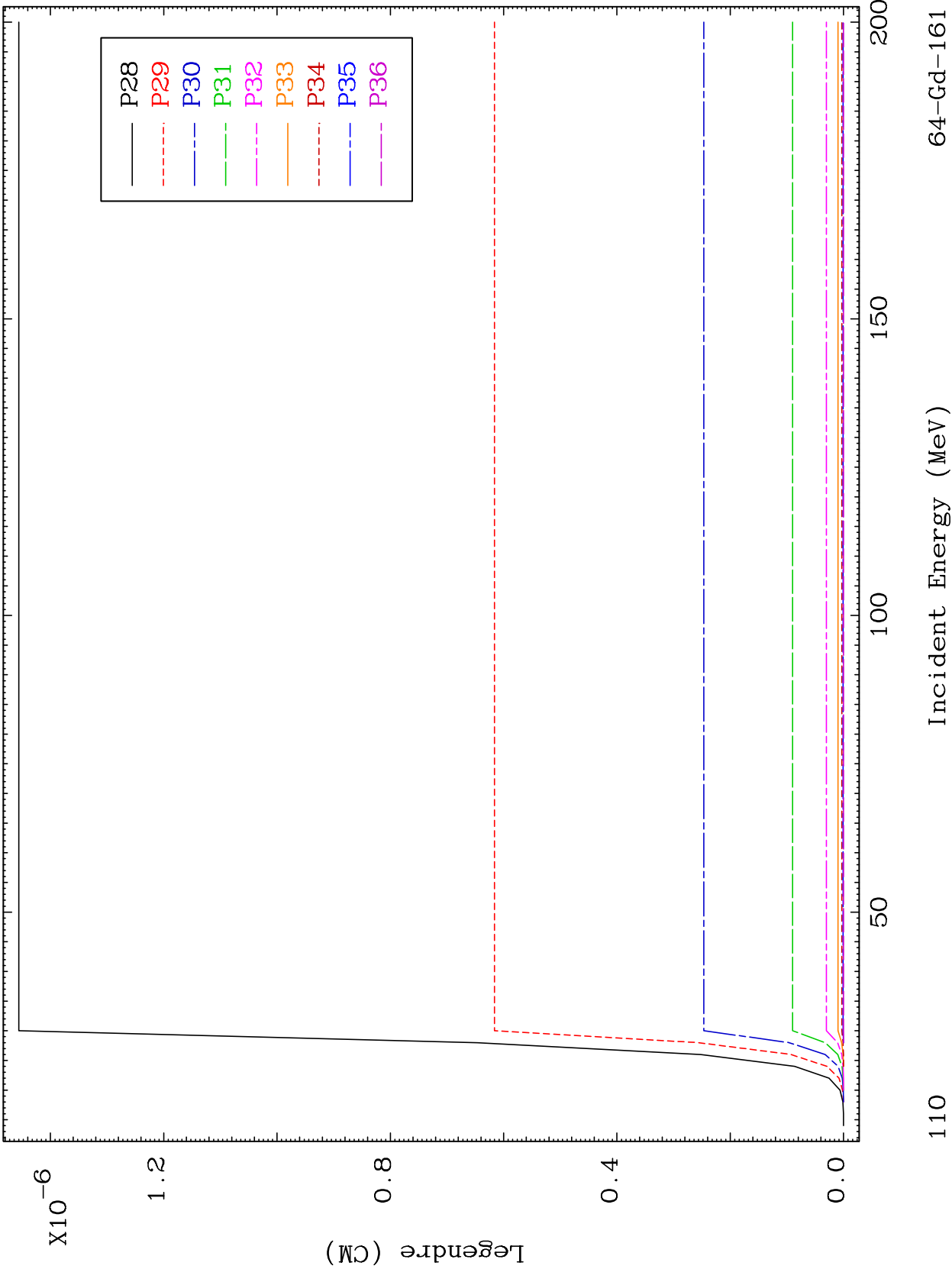
107



MAT 6452

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

64-Gd-161



64-Gd-161

Incident Energy (MeV)

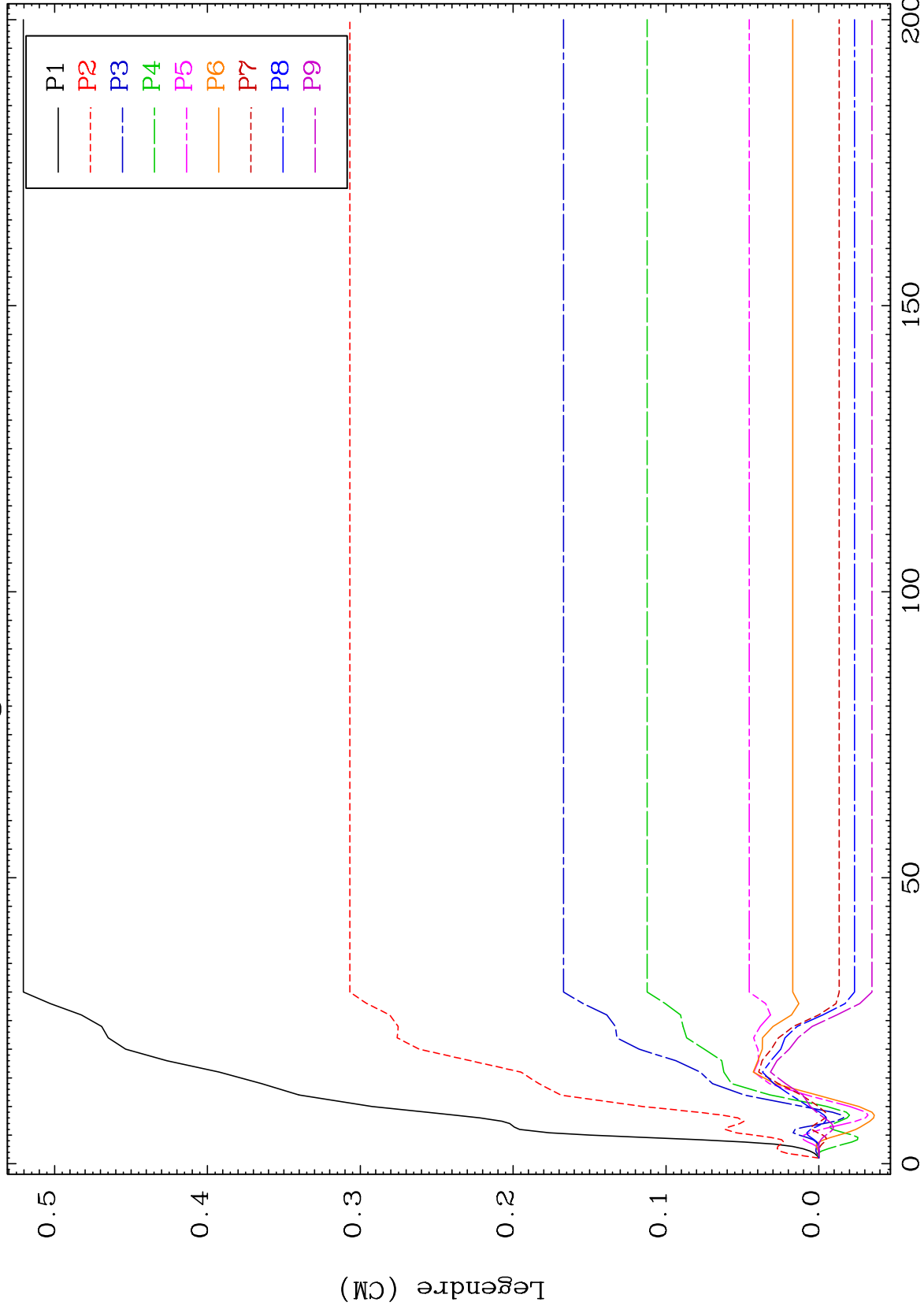
110

MAT 6452

MT= 74 (n,n') Level

64-Gd-161

Legendre Coefficients



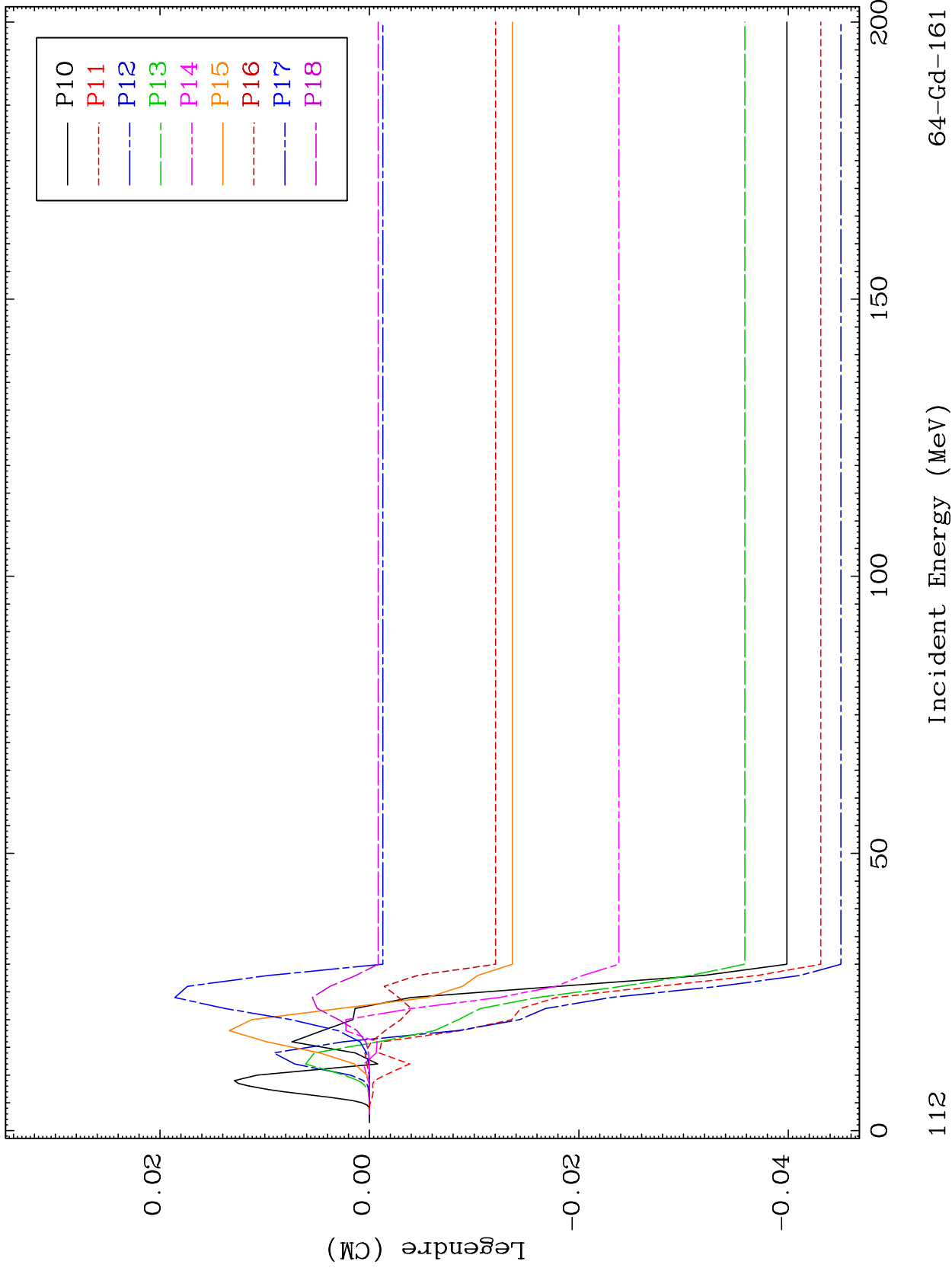
111

64-Gd-161

MAT 6452

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

64-Gd-161



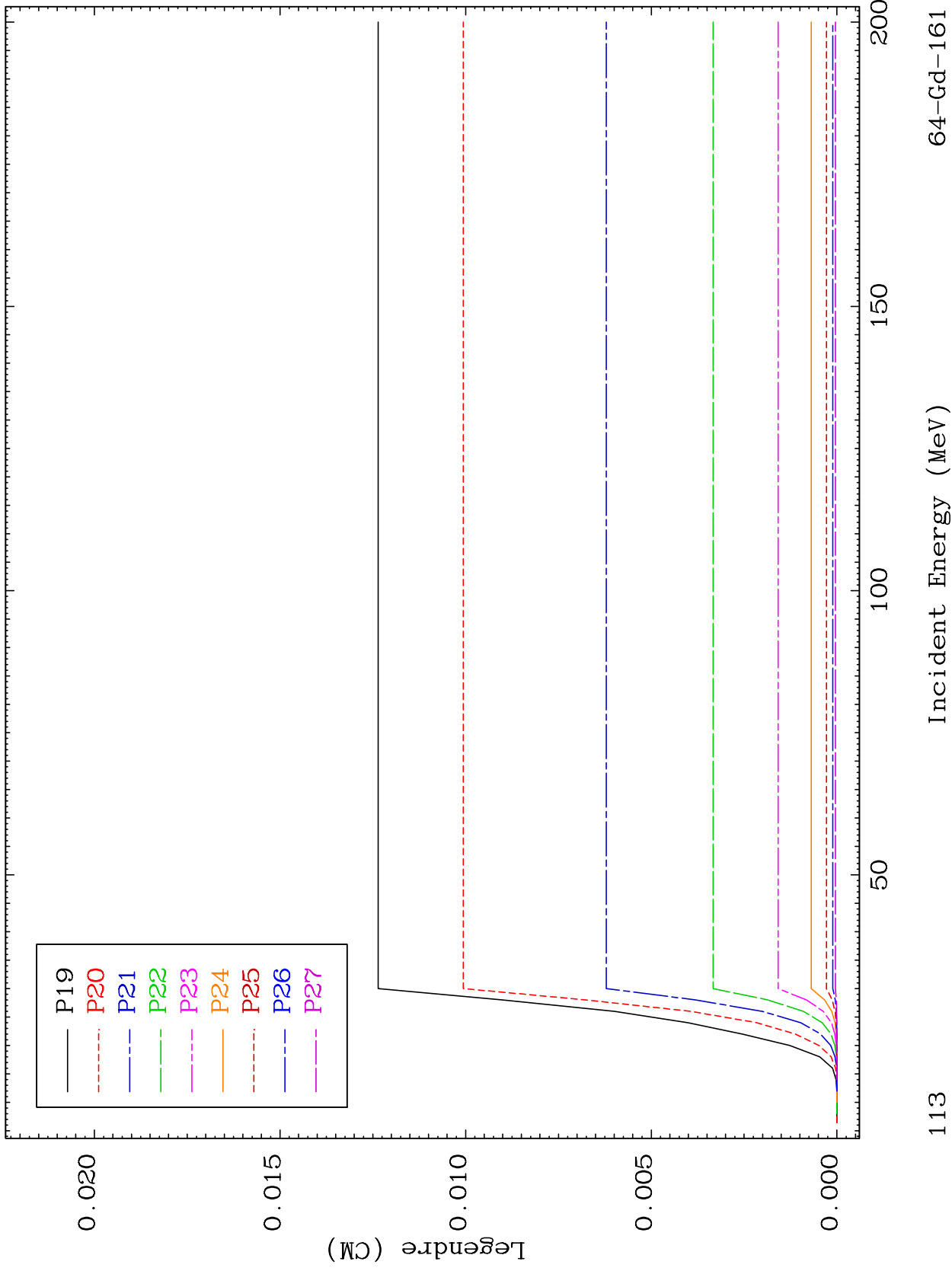
112

64-Gd-161

MAT 6452

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

64-Gd-161



113

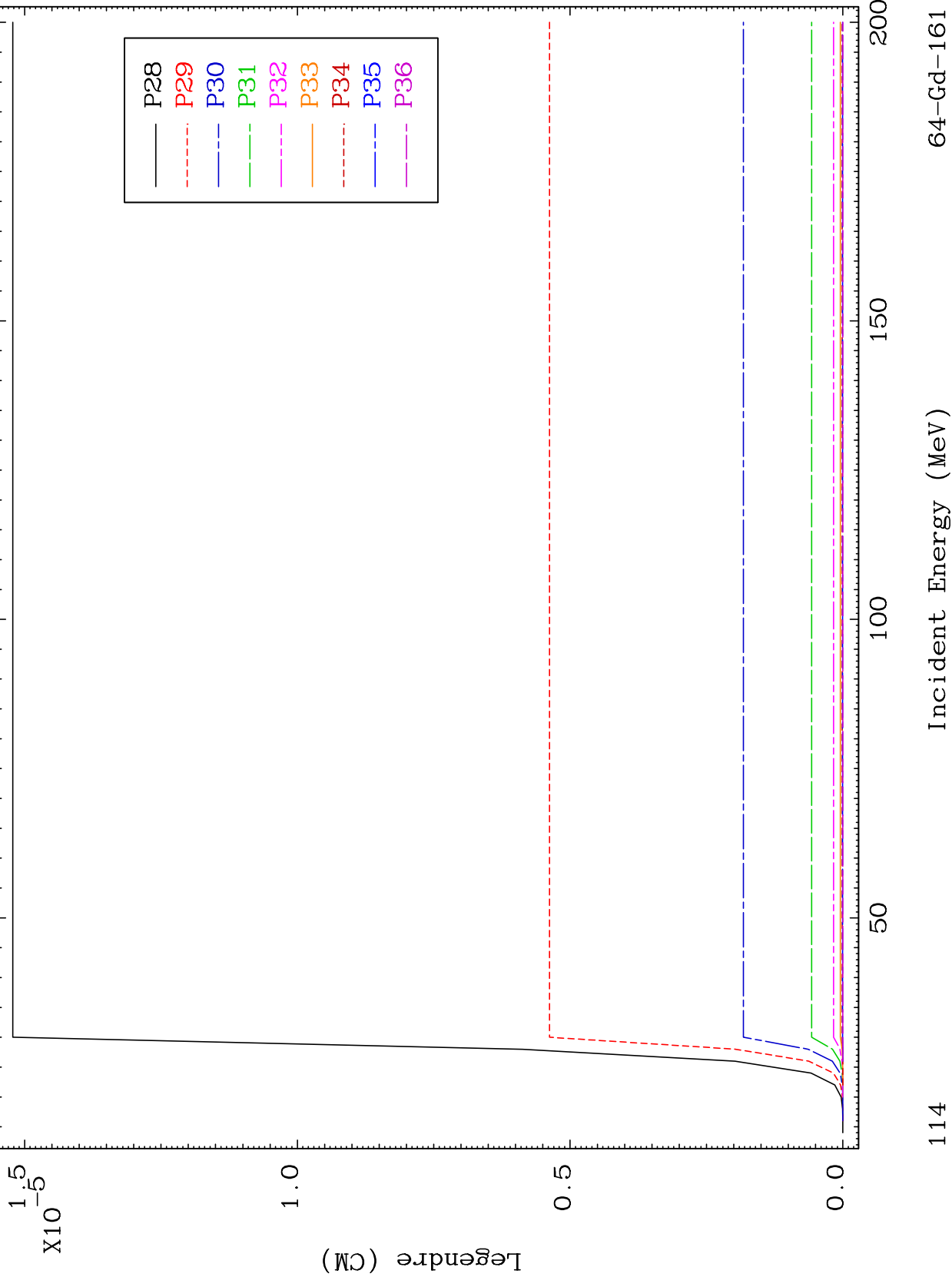
Incident Energy (MeV)

64-Gd-161

MAT 6452

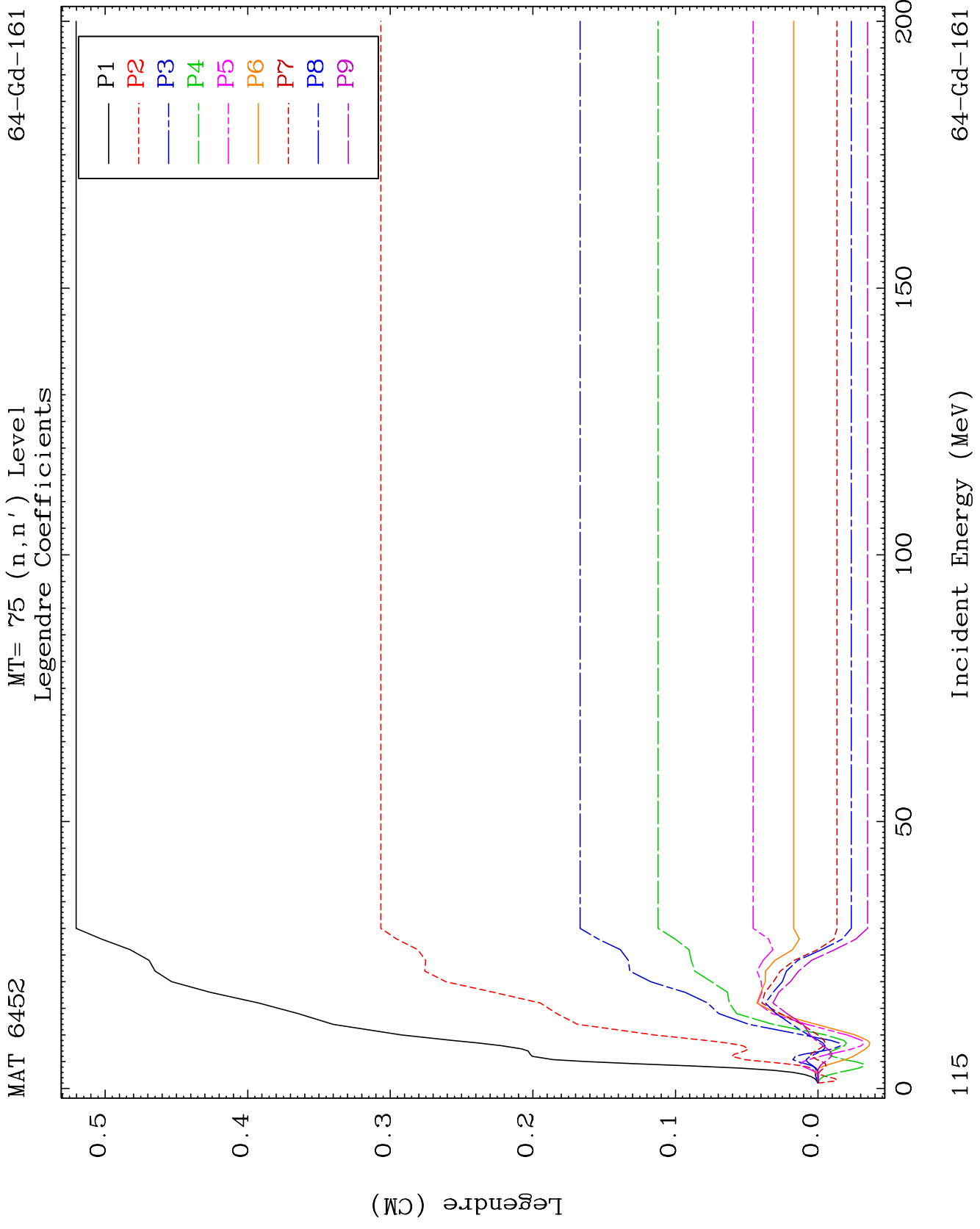
MT= 74 (n,n') Level
Legendre Coefficients

64-Gd-161



114

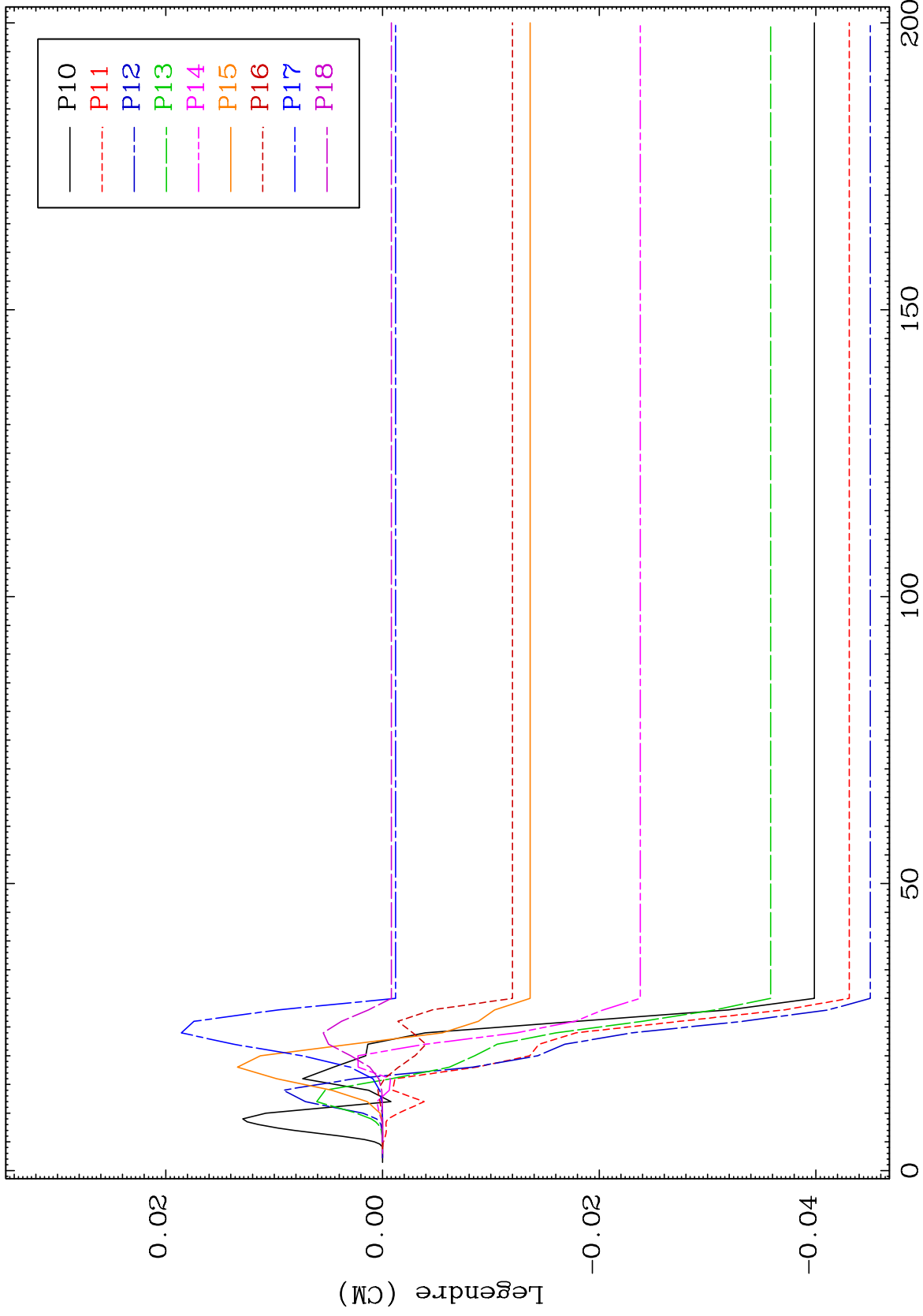
64-Gd-161



MAT 6452

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

64-Gd-161



116

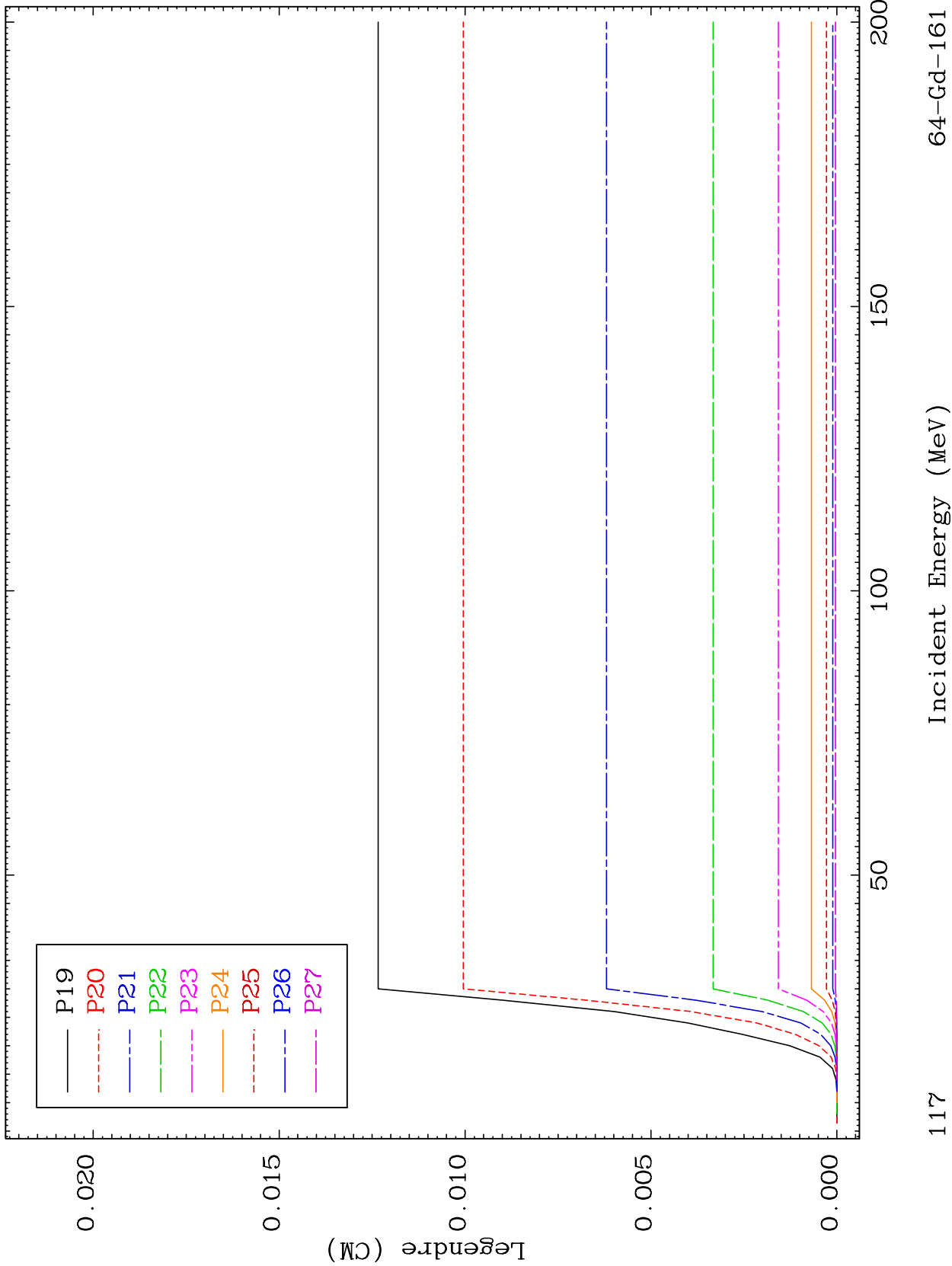
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



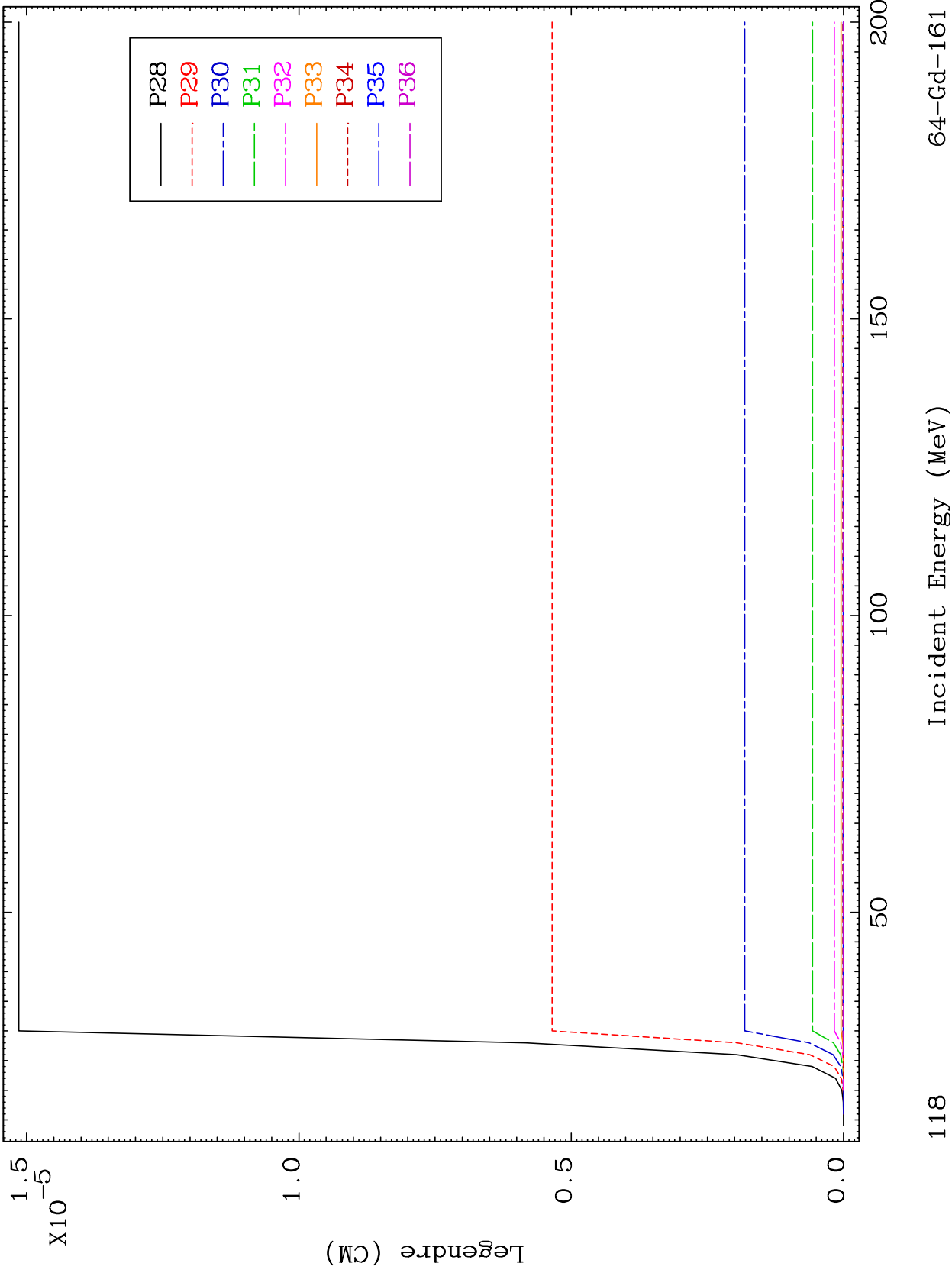
117

64-Gd-161

MAT 6452

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

64-Gd-161



118

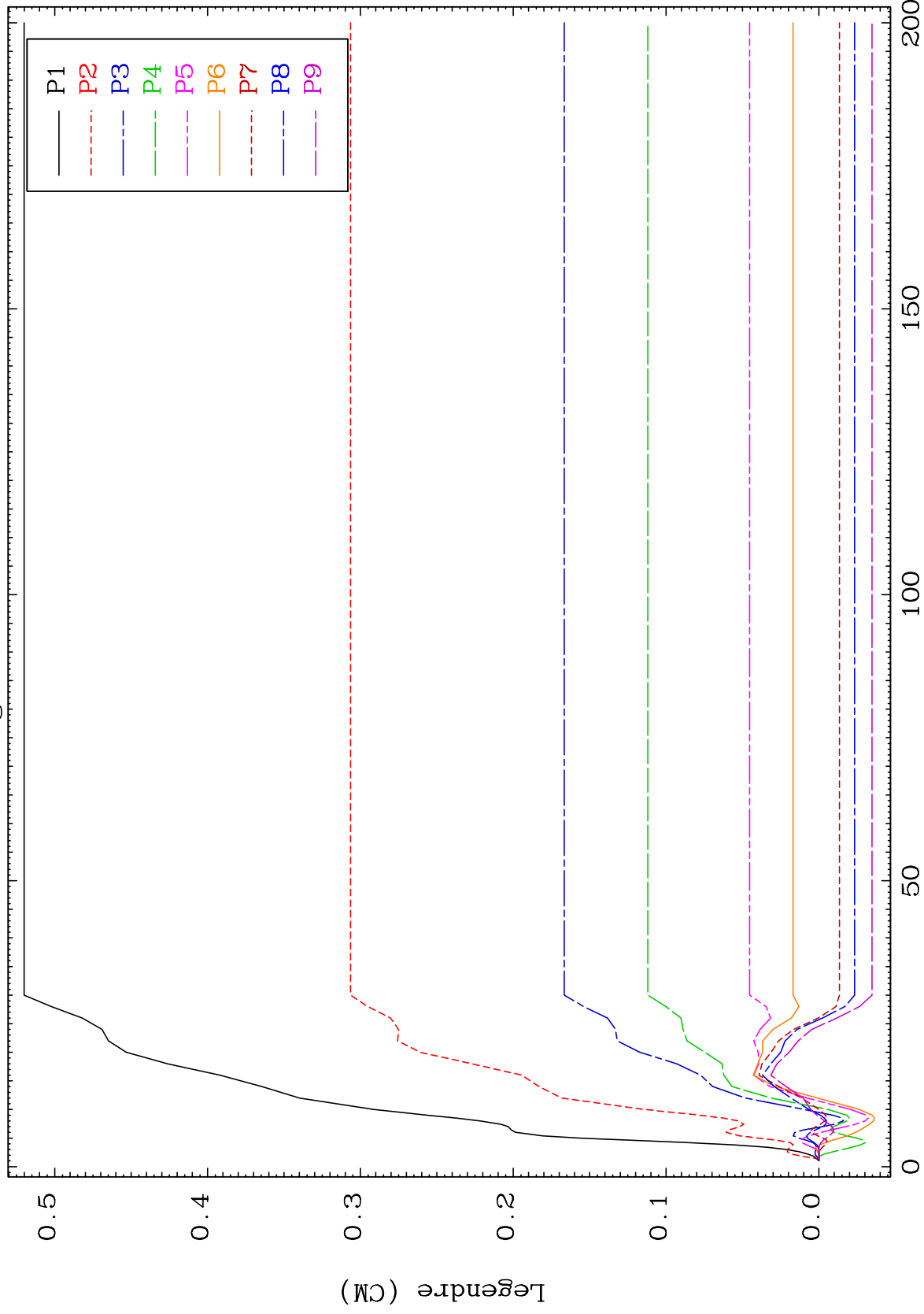
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



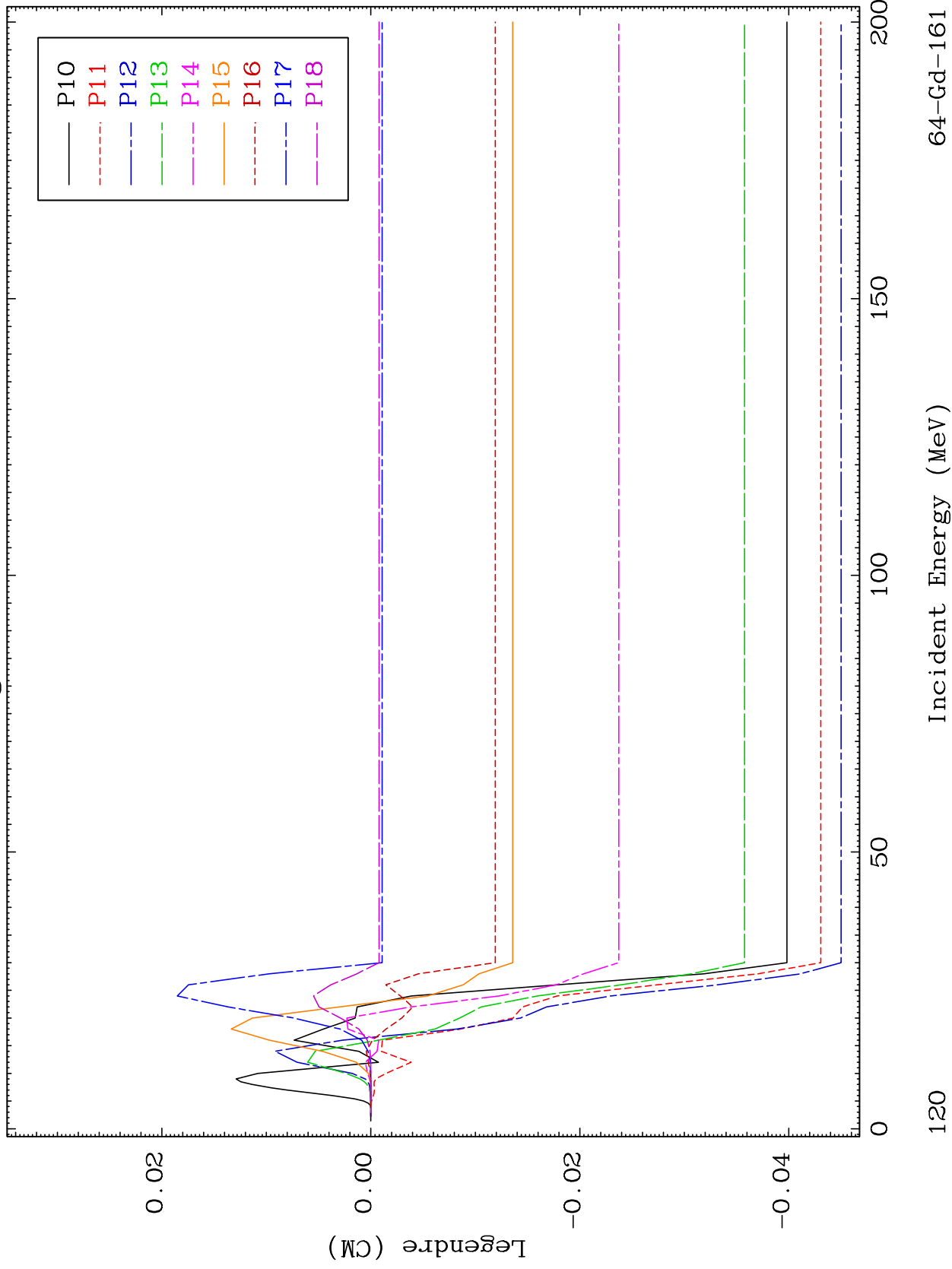
119

64-Gd-161

MAT 6452

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

64-Gd-161



64-Gd-161

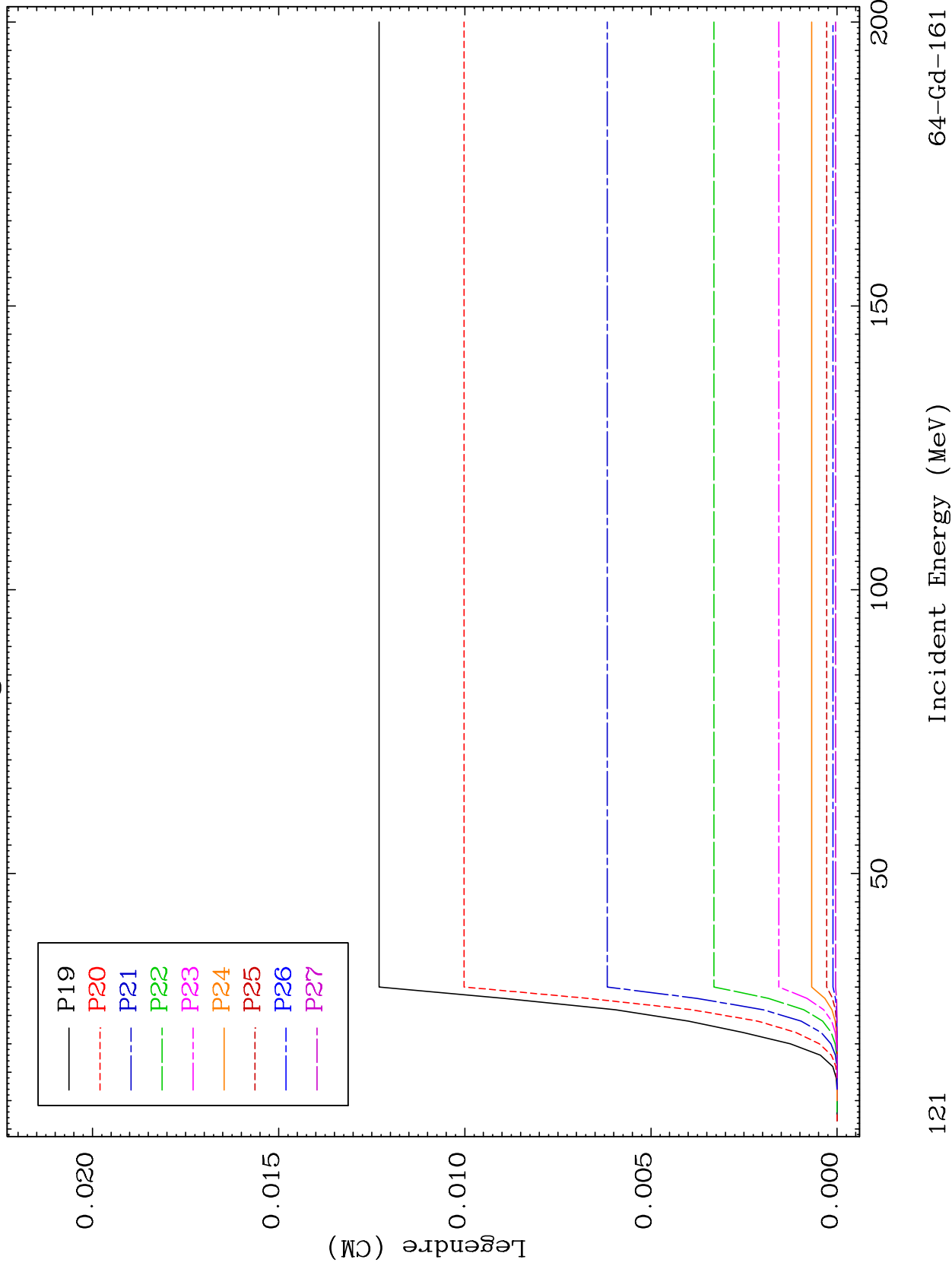
Incident Energy (MeV)

120

MAT 6452

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

64-Gd-161



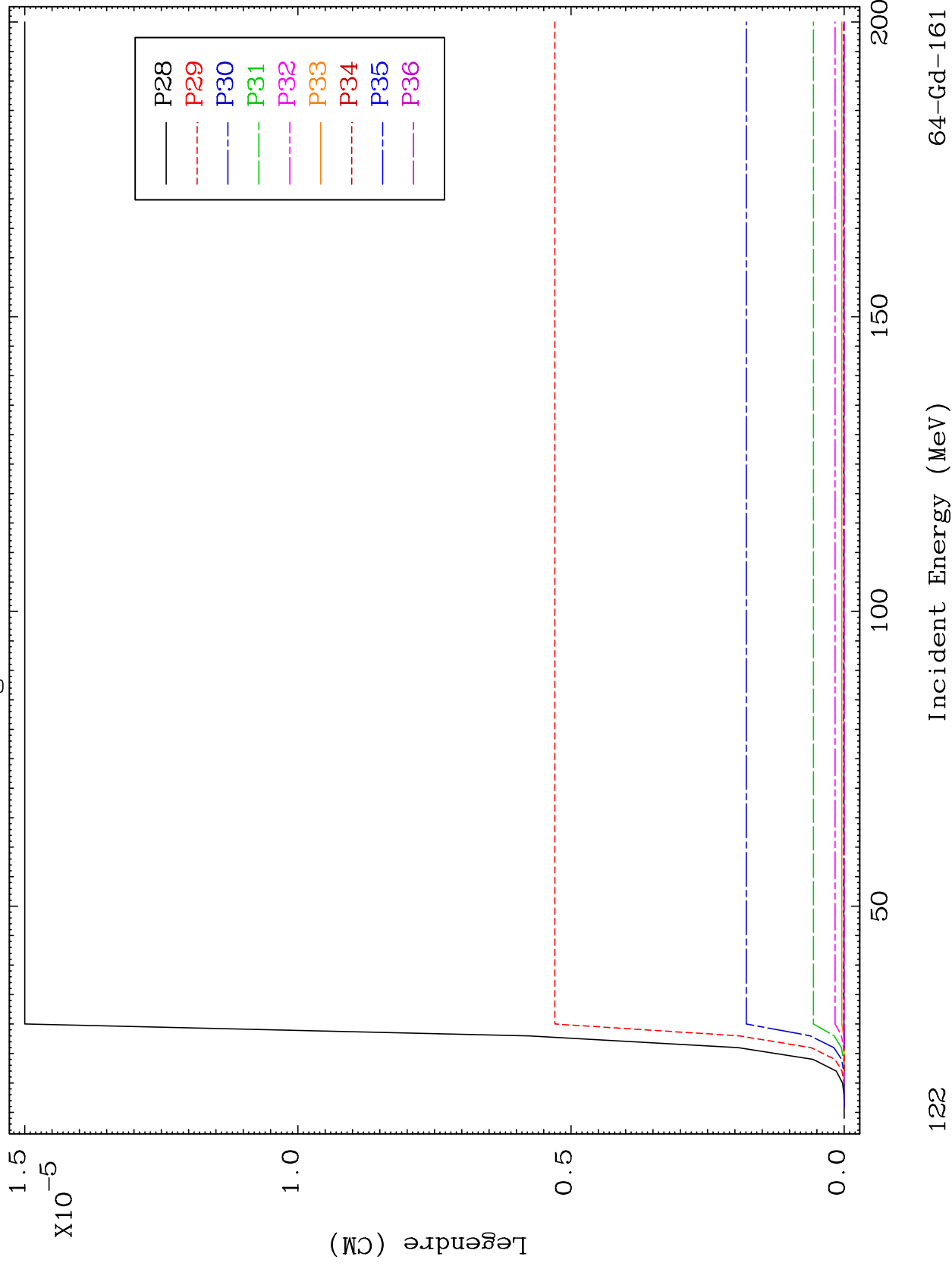
121

64-Gd-161

MAT 6452

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

64-Gd-161



122

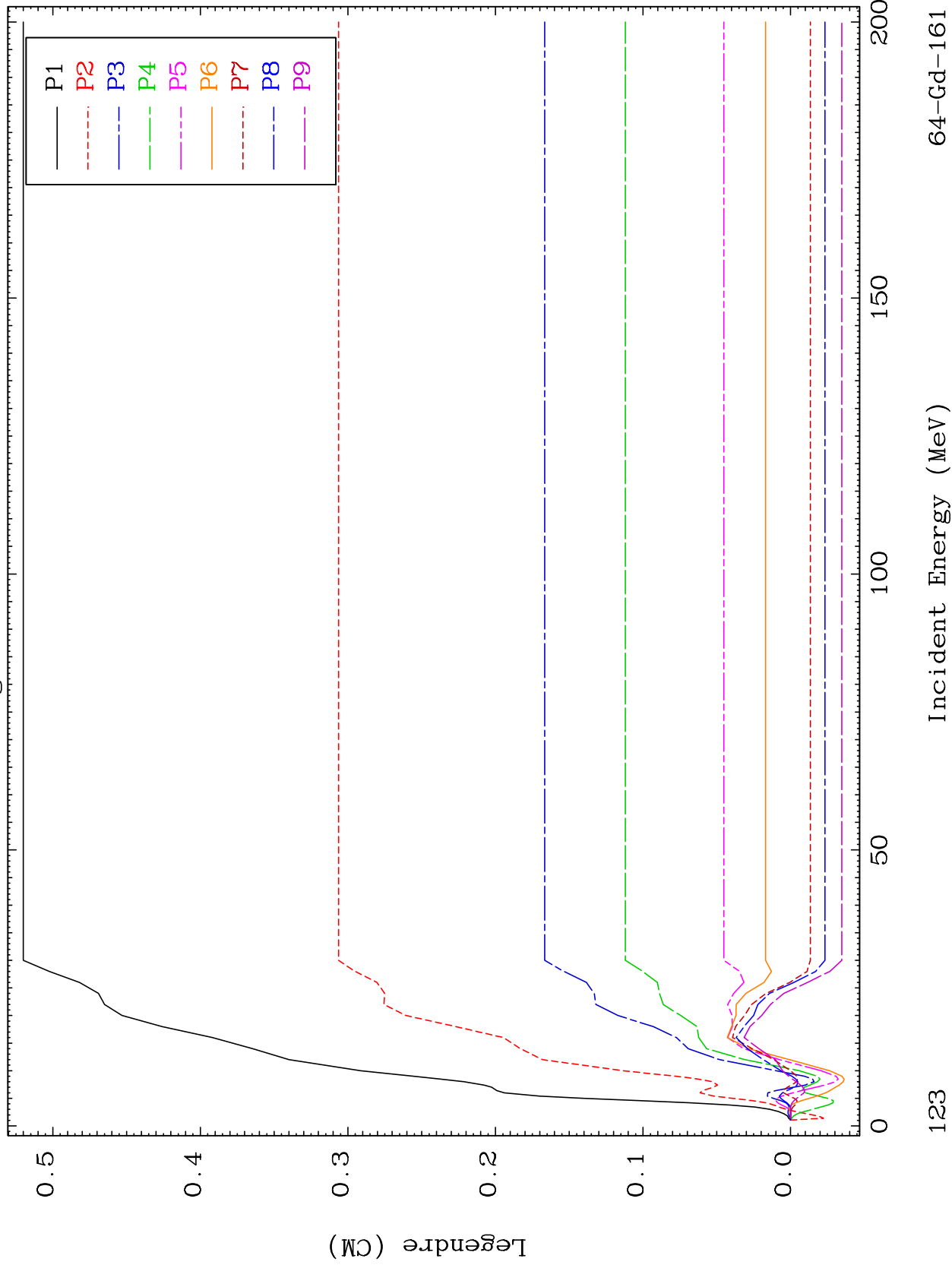
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161

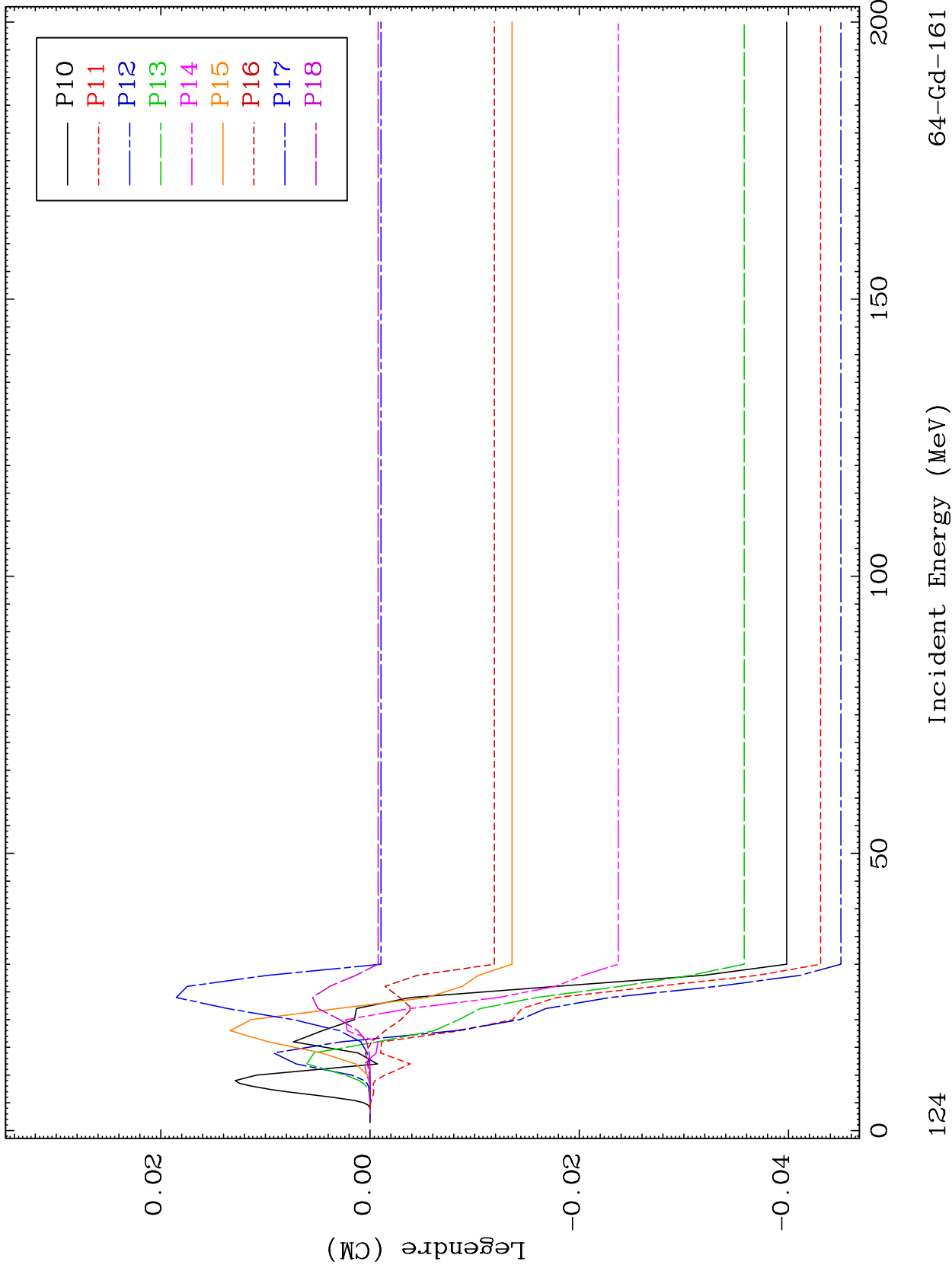


123

MAT 6452

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

64-Gd-161



124

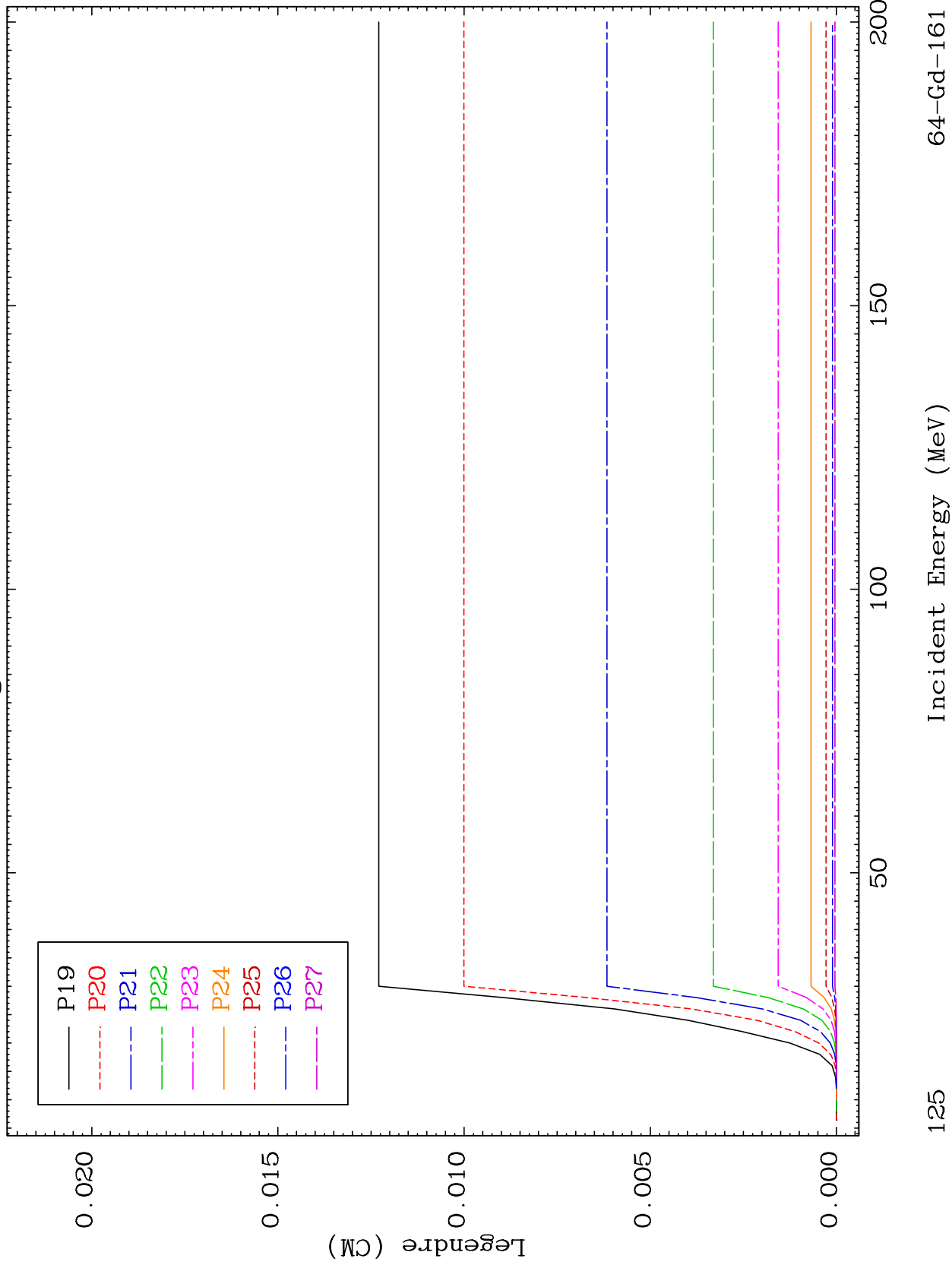
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



125

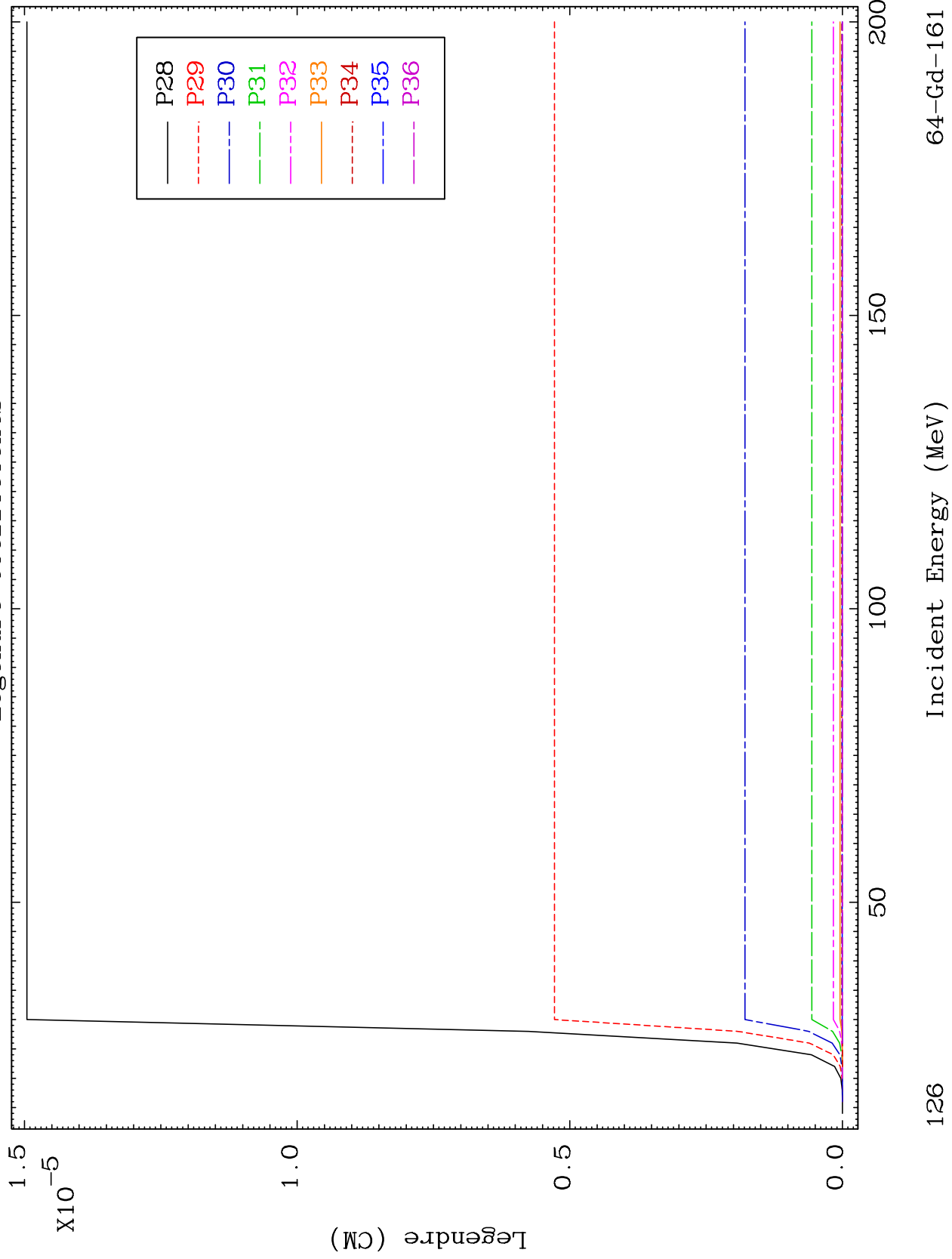
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



126

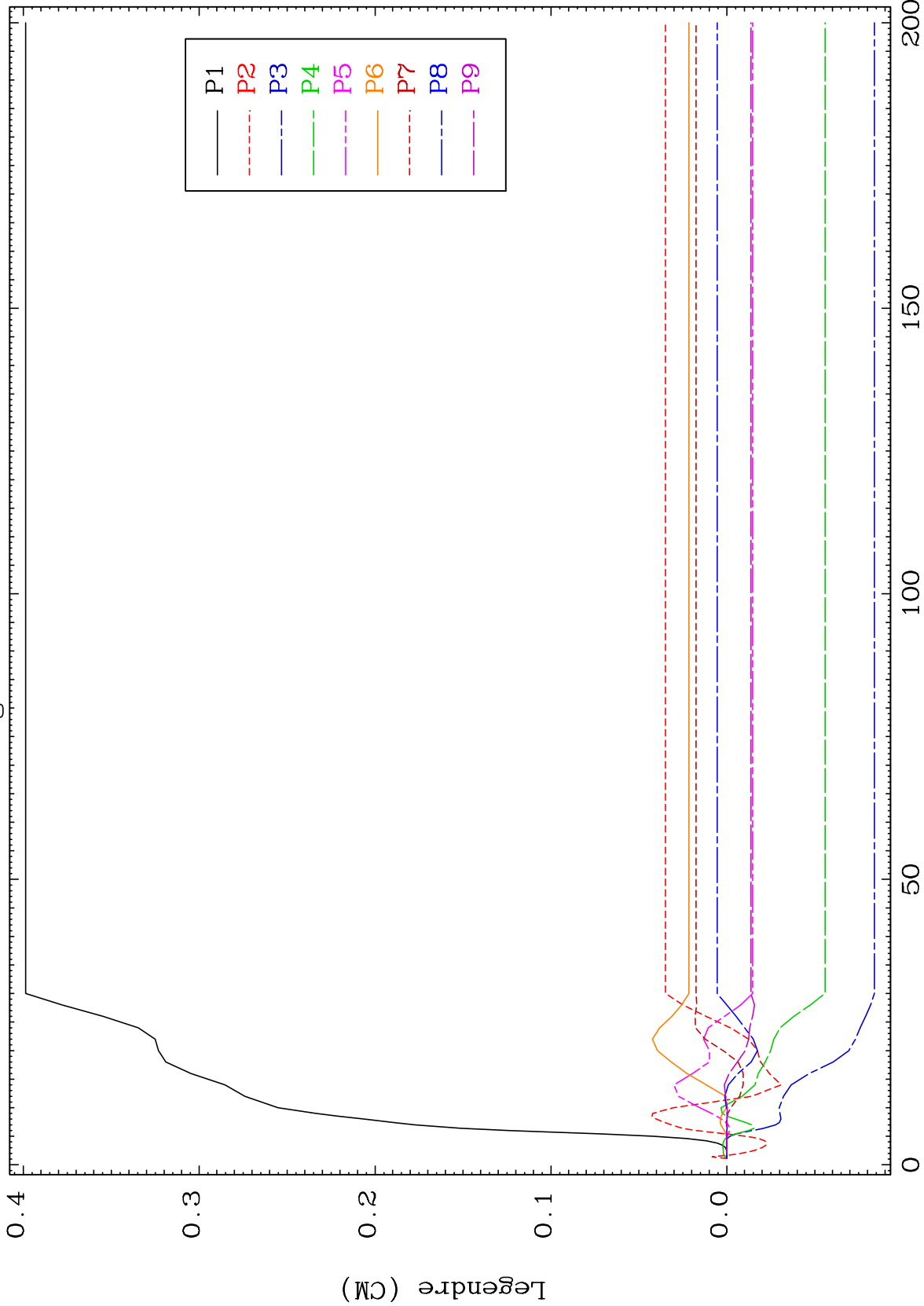
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

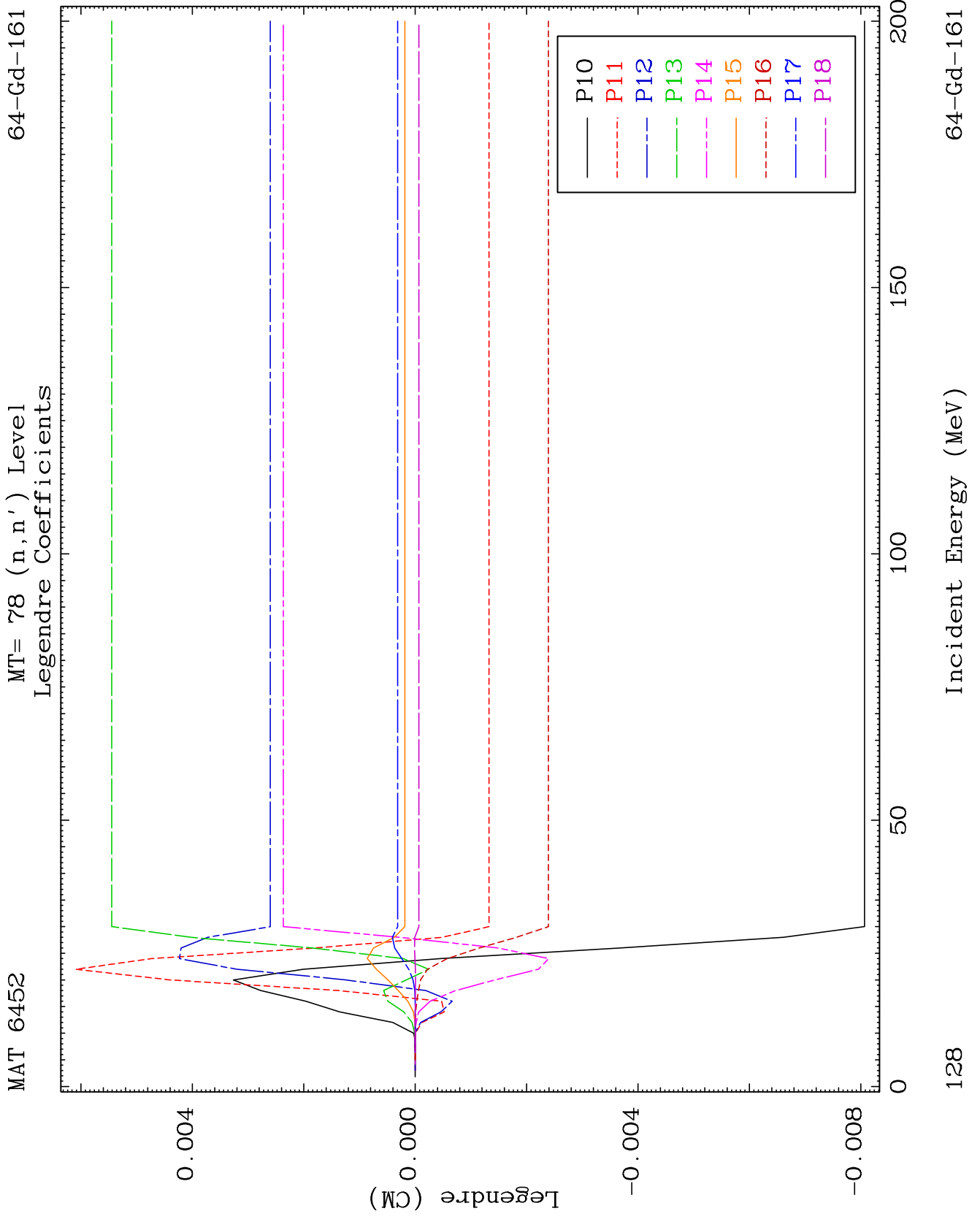
64-Gd-161



127

Incident Energy (MeV)

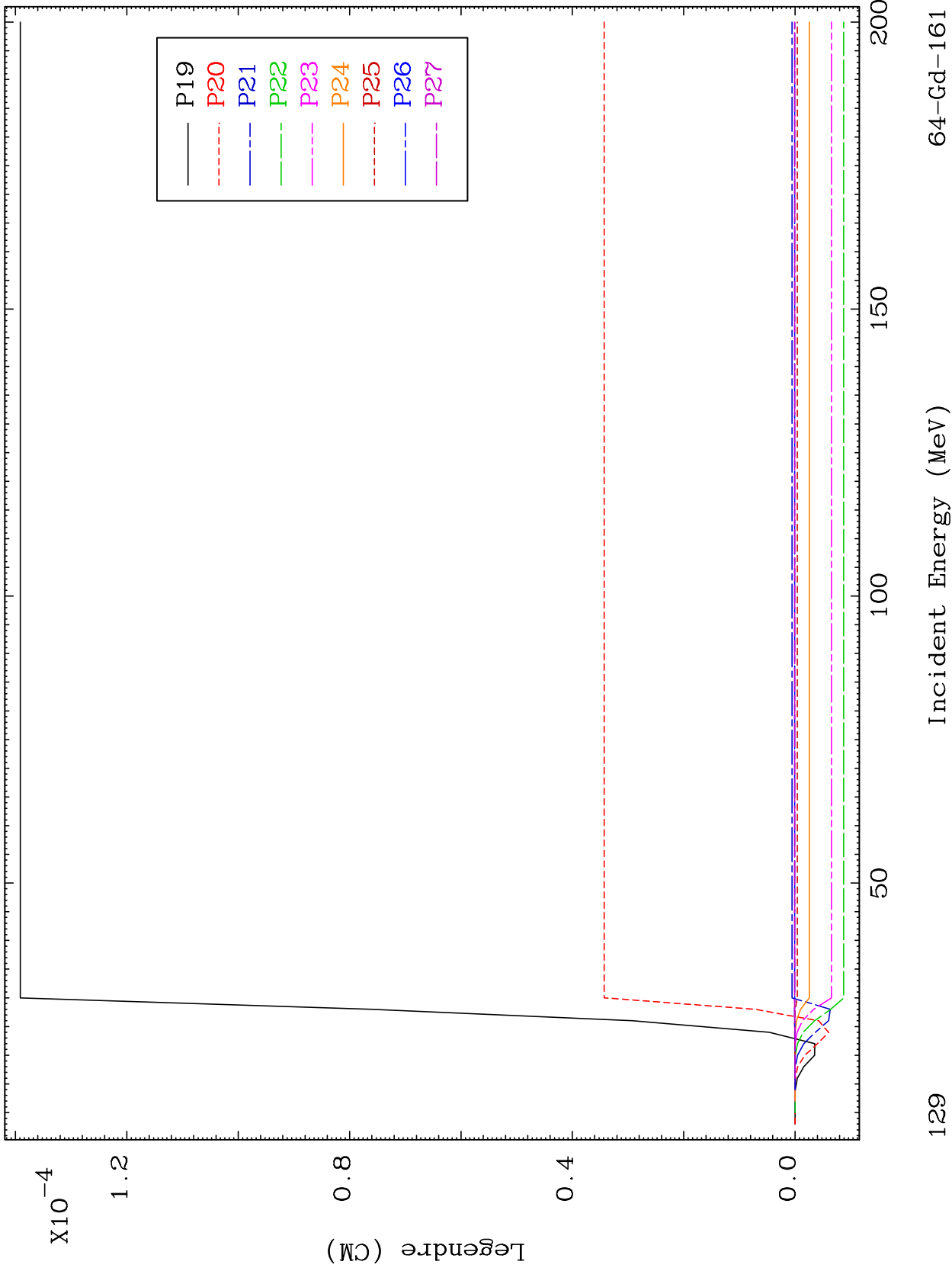
64-Gd-161



MAT 6452

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

64-Gd-161



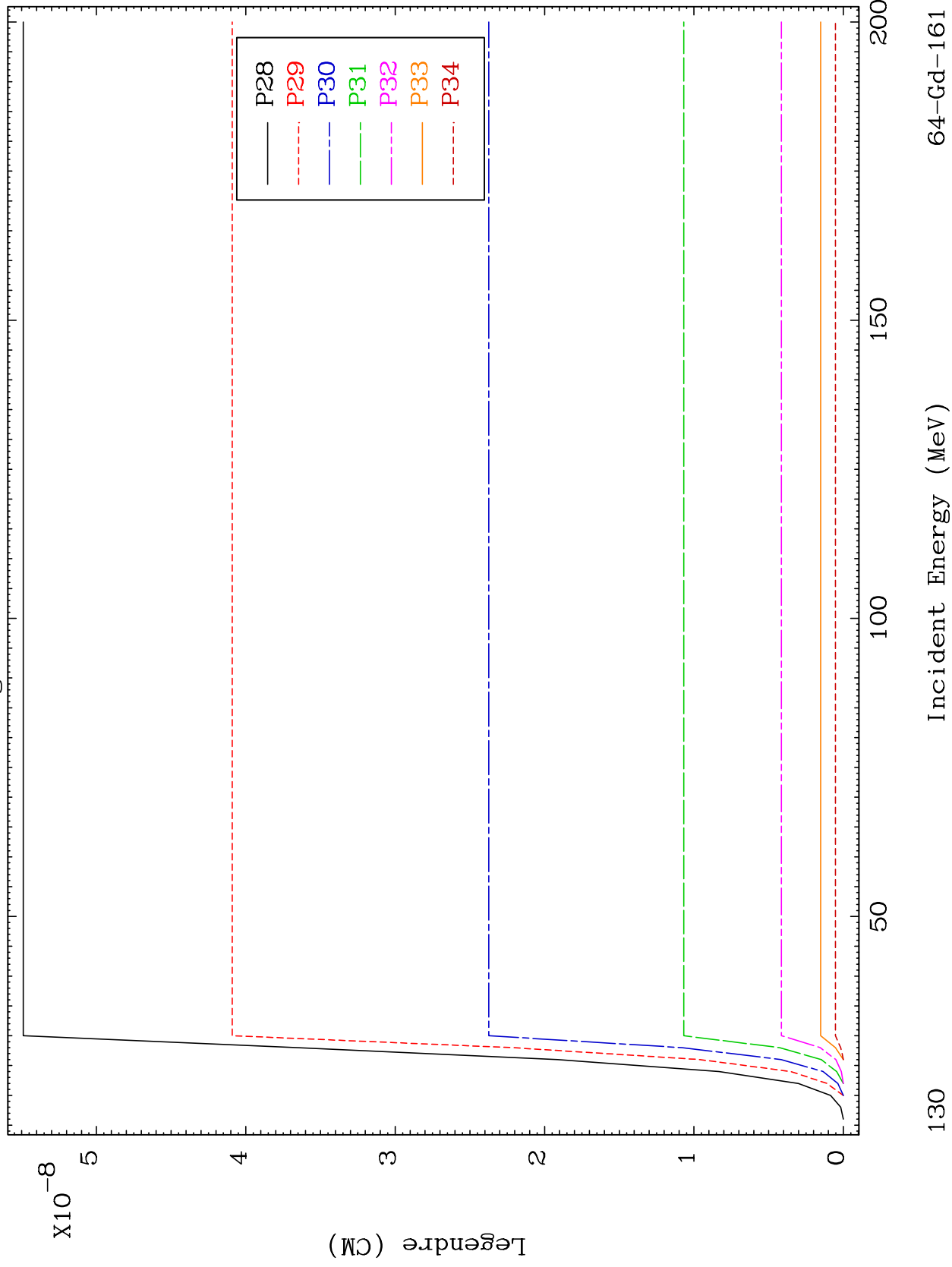
129

64-Gd-161

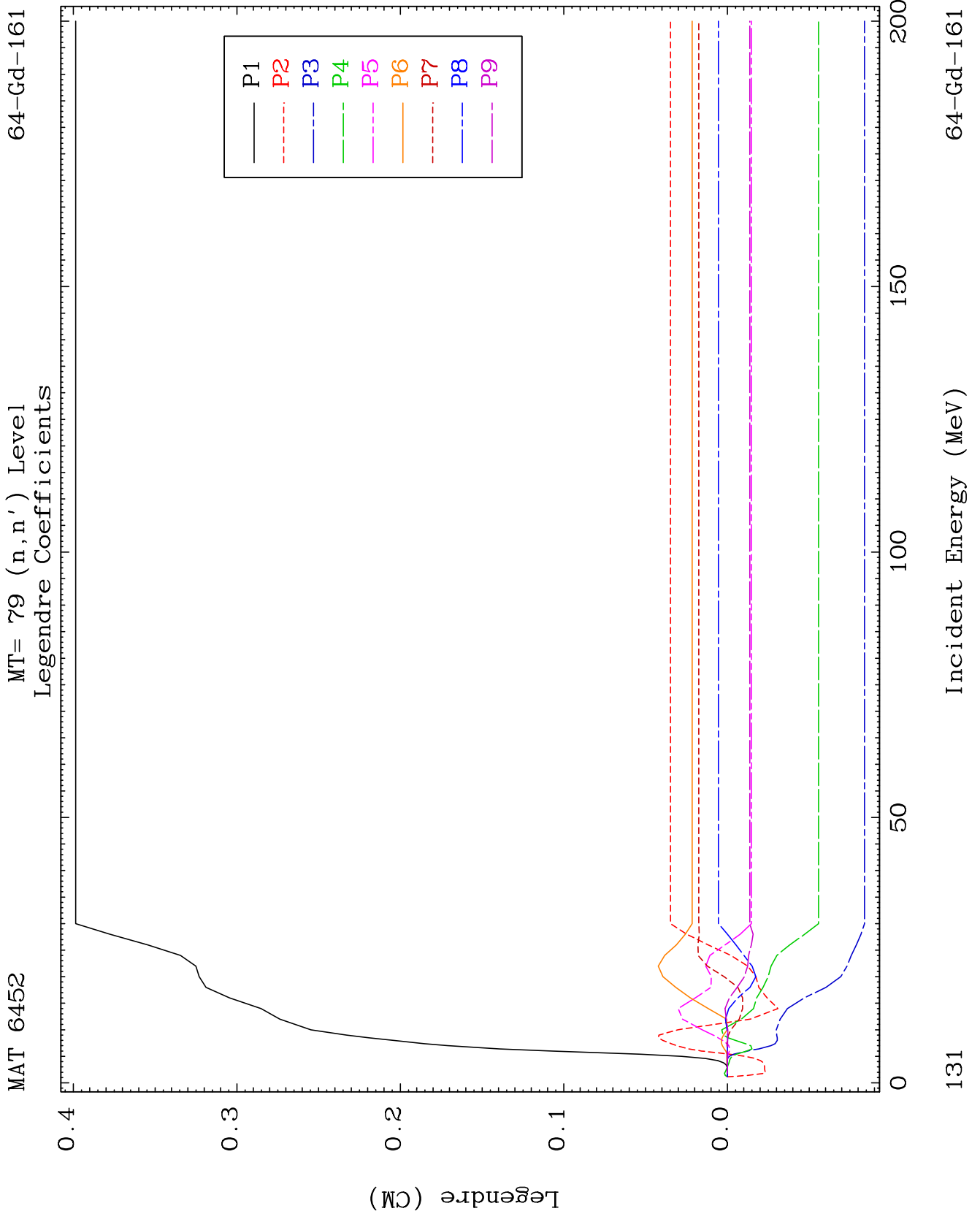
MAT 6452

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

64-Gd-161



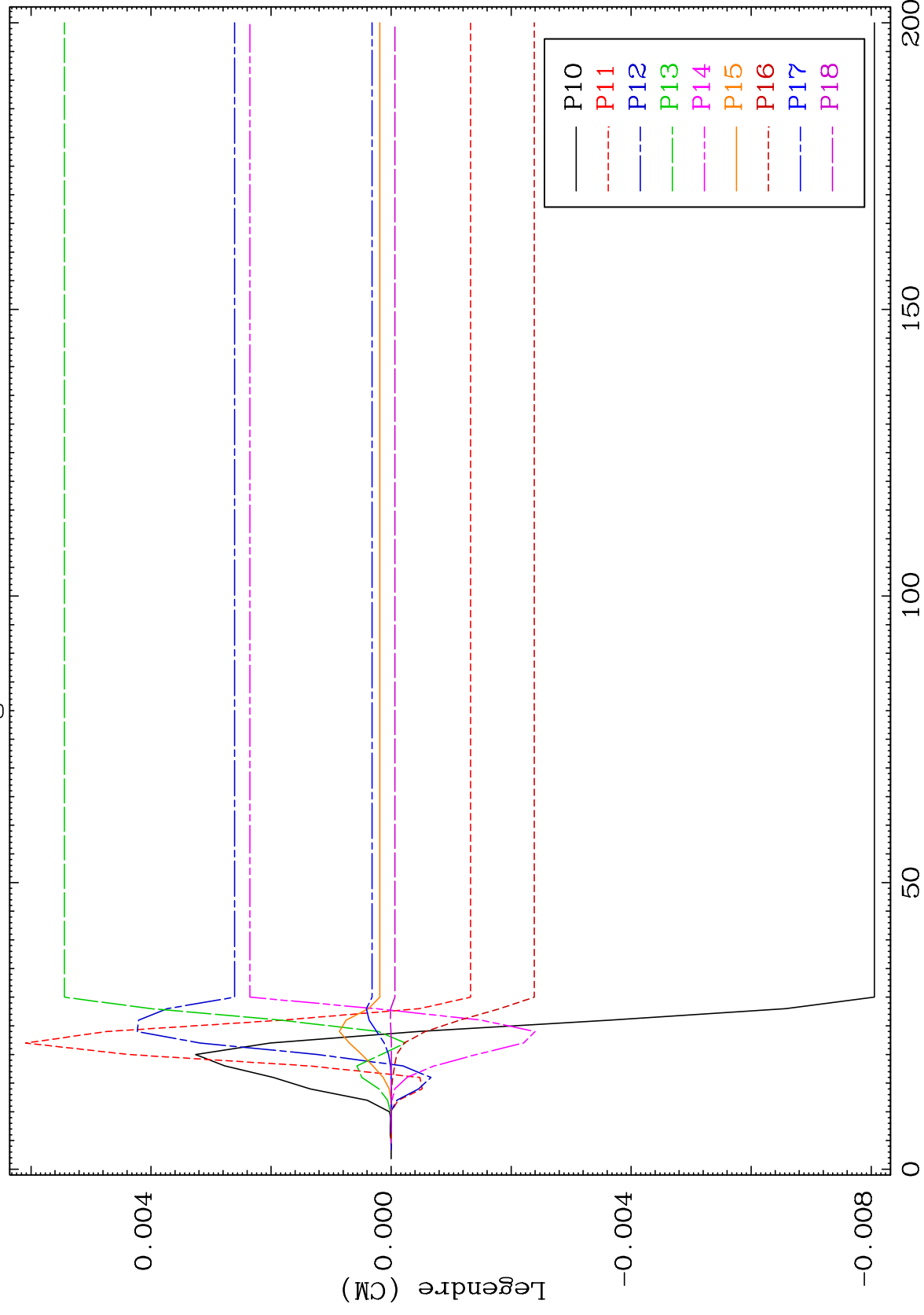
64-Gd-161



MAT 6452

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

64-Gd-161



132

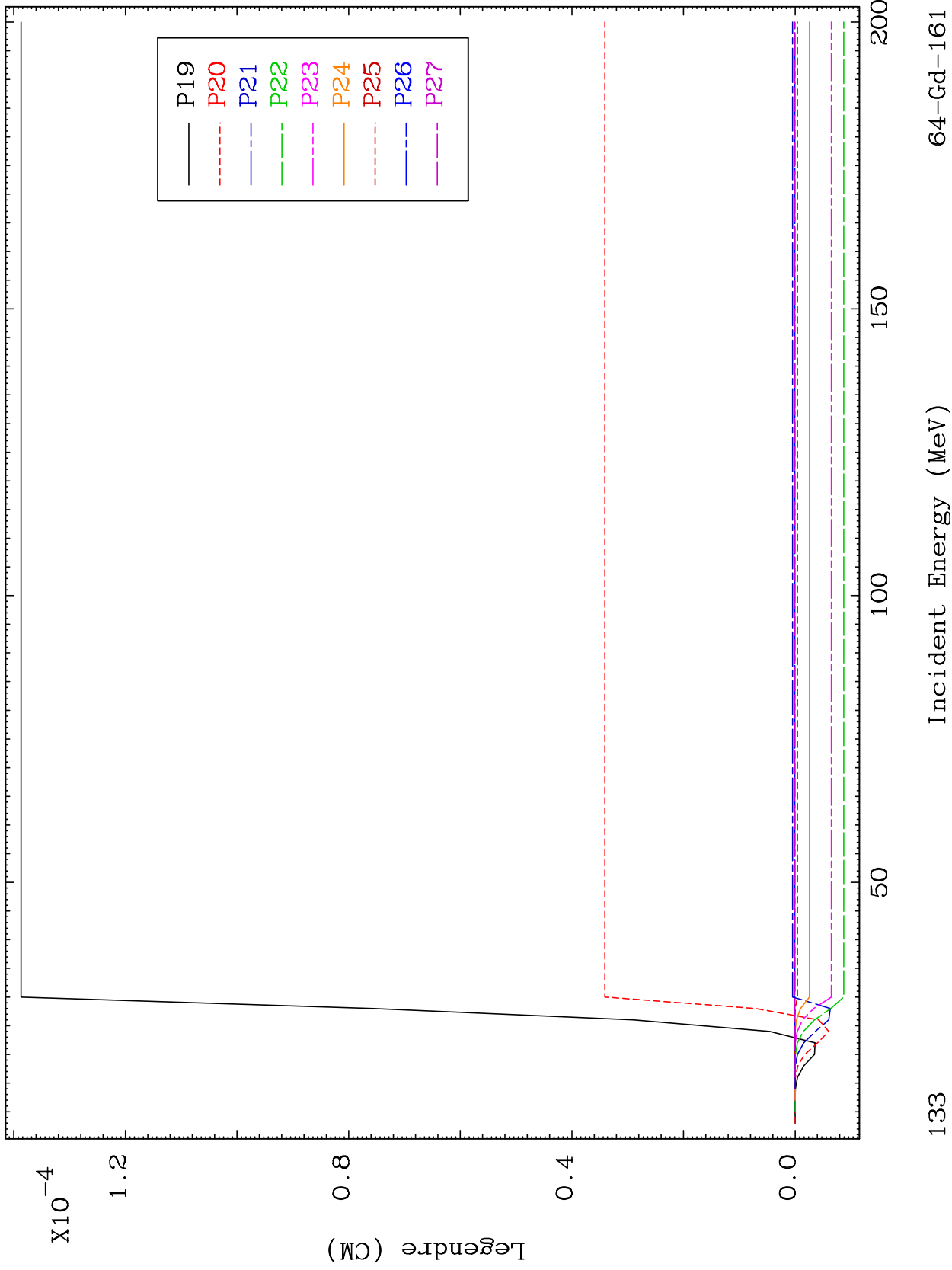
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



133

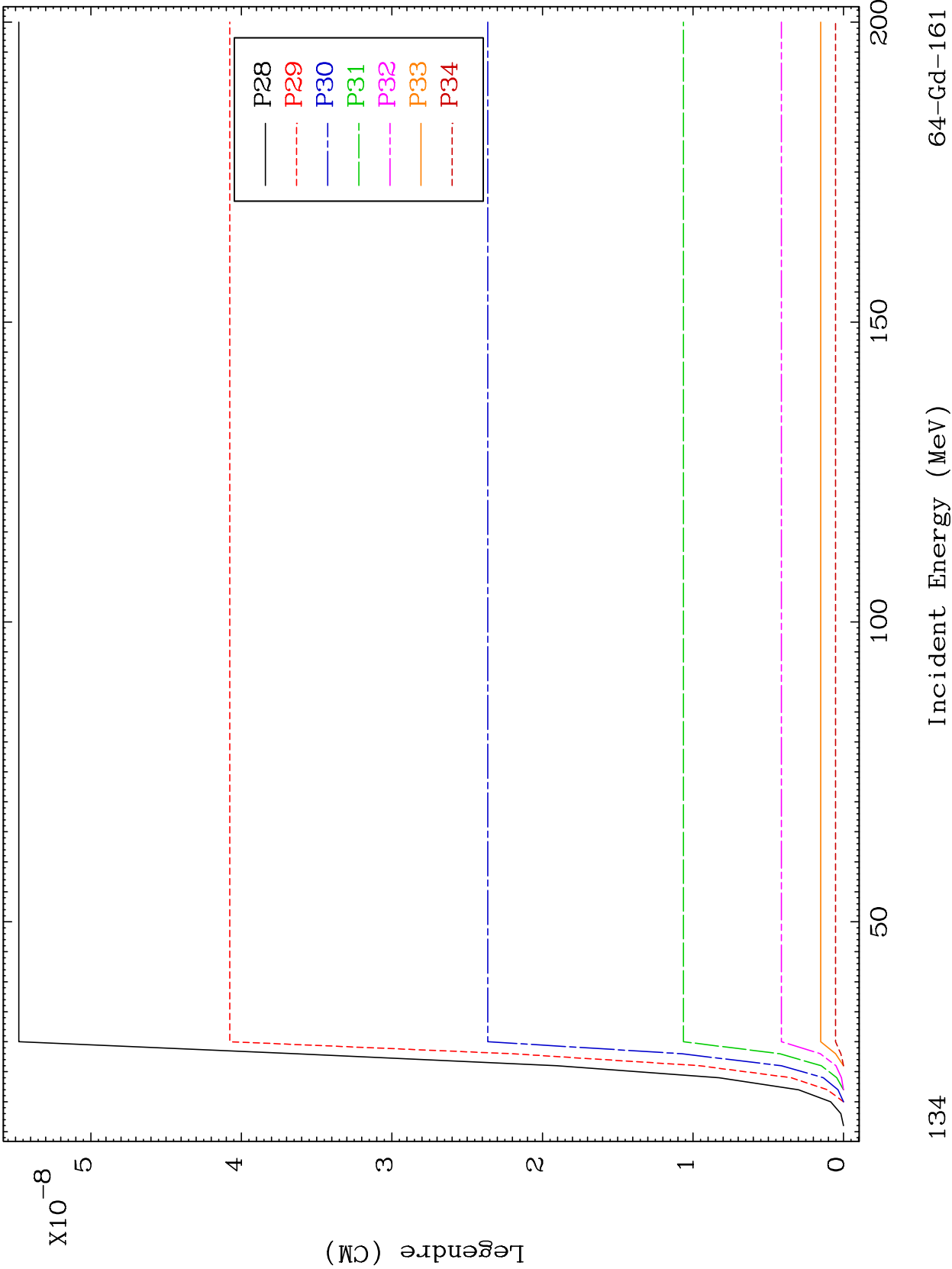
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



134

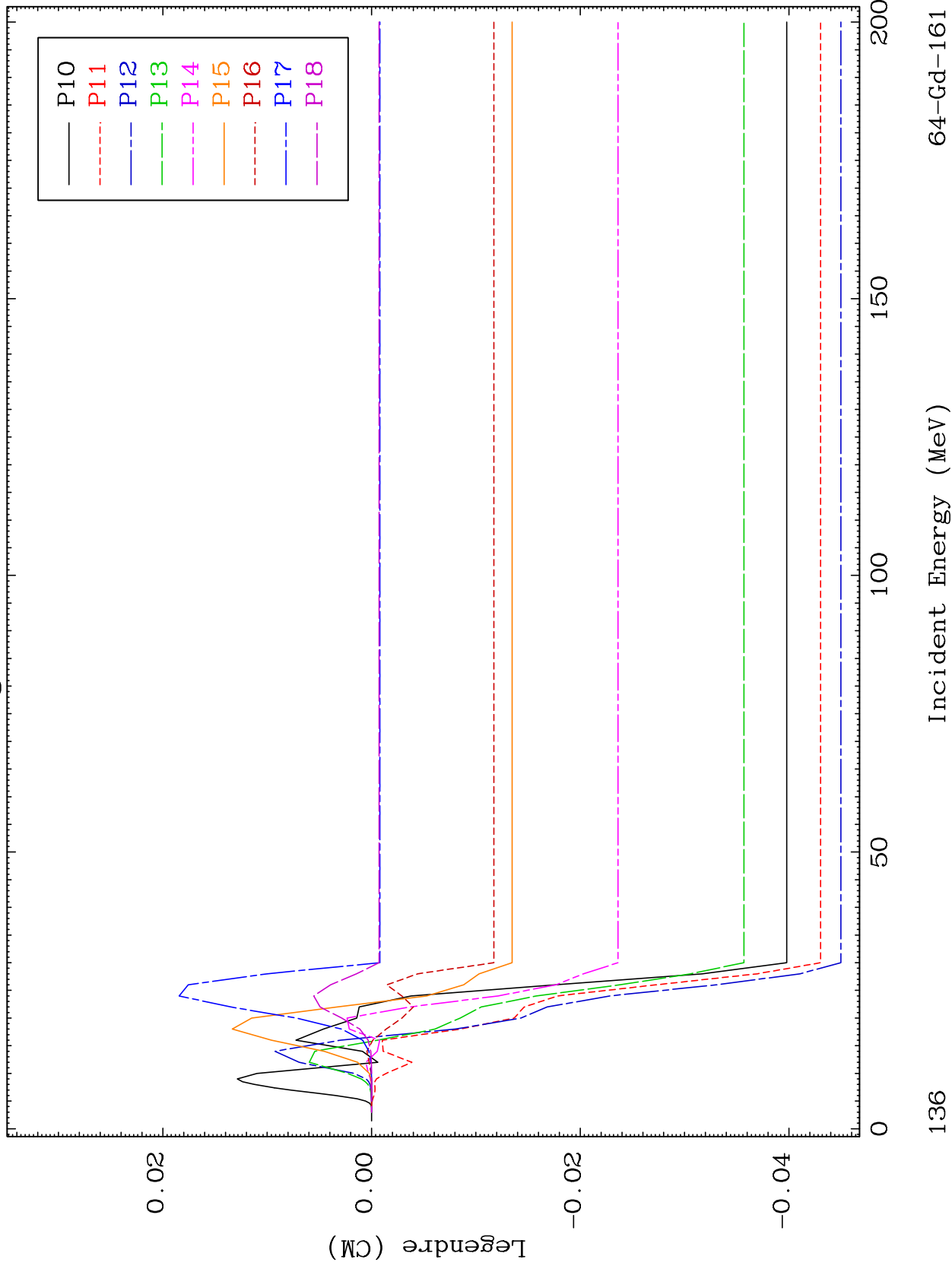
Incident Energy (MeV)

64-Gd-161

MAT 6452

MT= 80 (n,n') Level
Legendre Coefficients

64-Gd-161



136

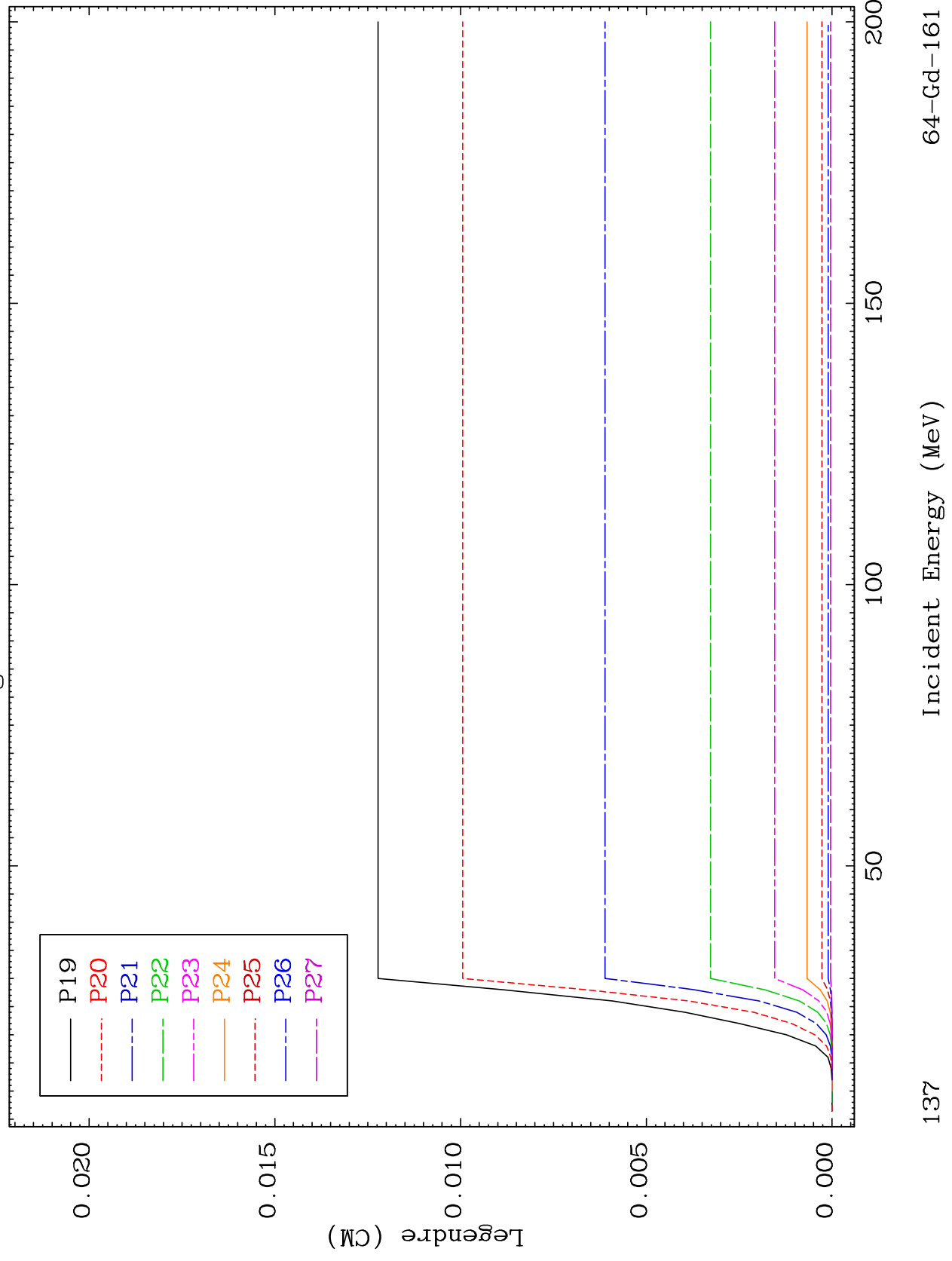
Incident Energy (MeV)

64-Gd-161

MAT 6452

MT= 80 (n,n') Level
Legendre Coefficients

64-Gd-161



137

64-Gd-161

MAT 6452

MT= 80 (n,n') Level
Legendre Coefficients

64-Gd-161

