

Program EVALPLOT
(Version 2018-1)

by

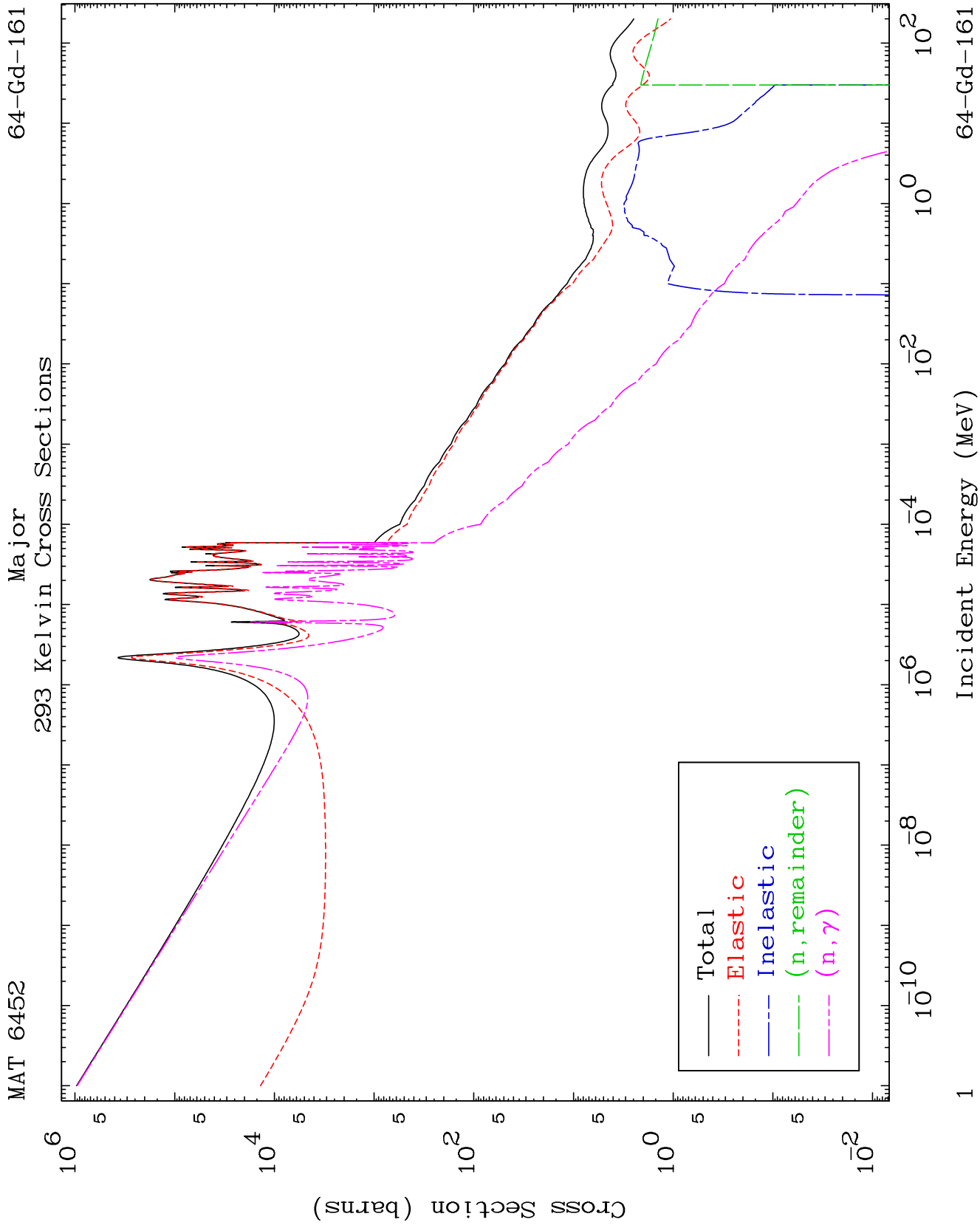
Dermott E. Cullen
(Present Contact Information)

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U.S.A.

Tele: 925-443-1911

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

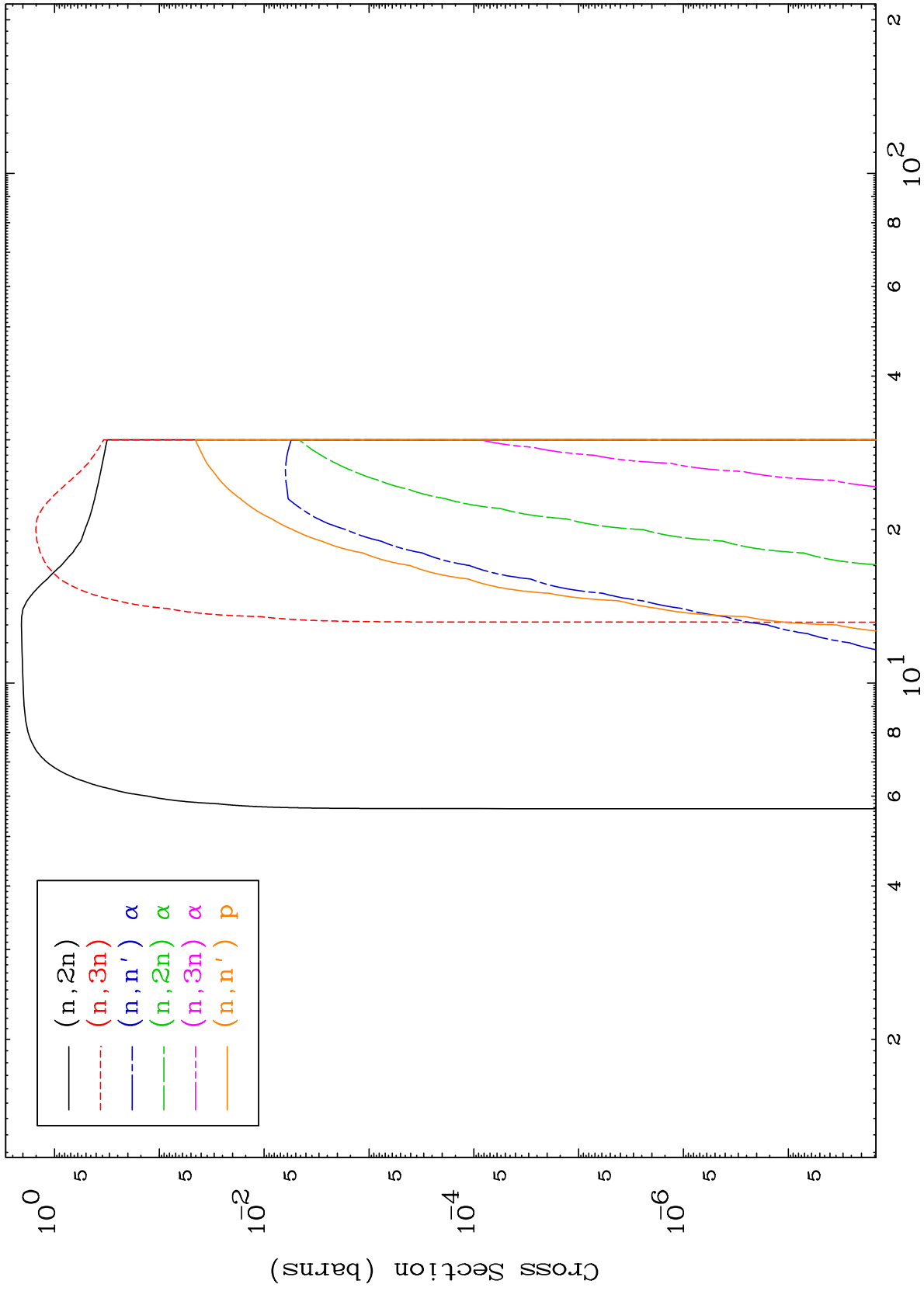
Press Mouse Button to Start



MAT 6452

Neutron Production 293 Kelvin Cross Sections

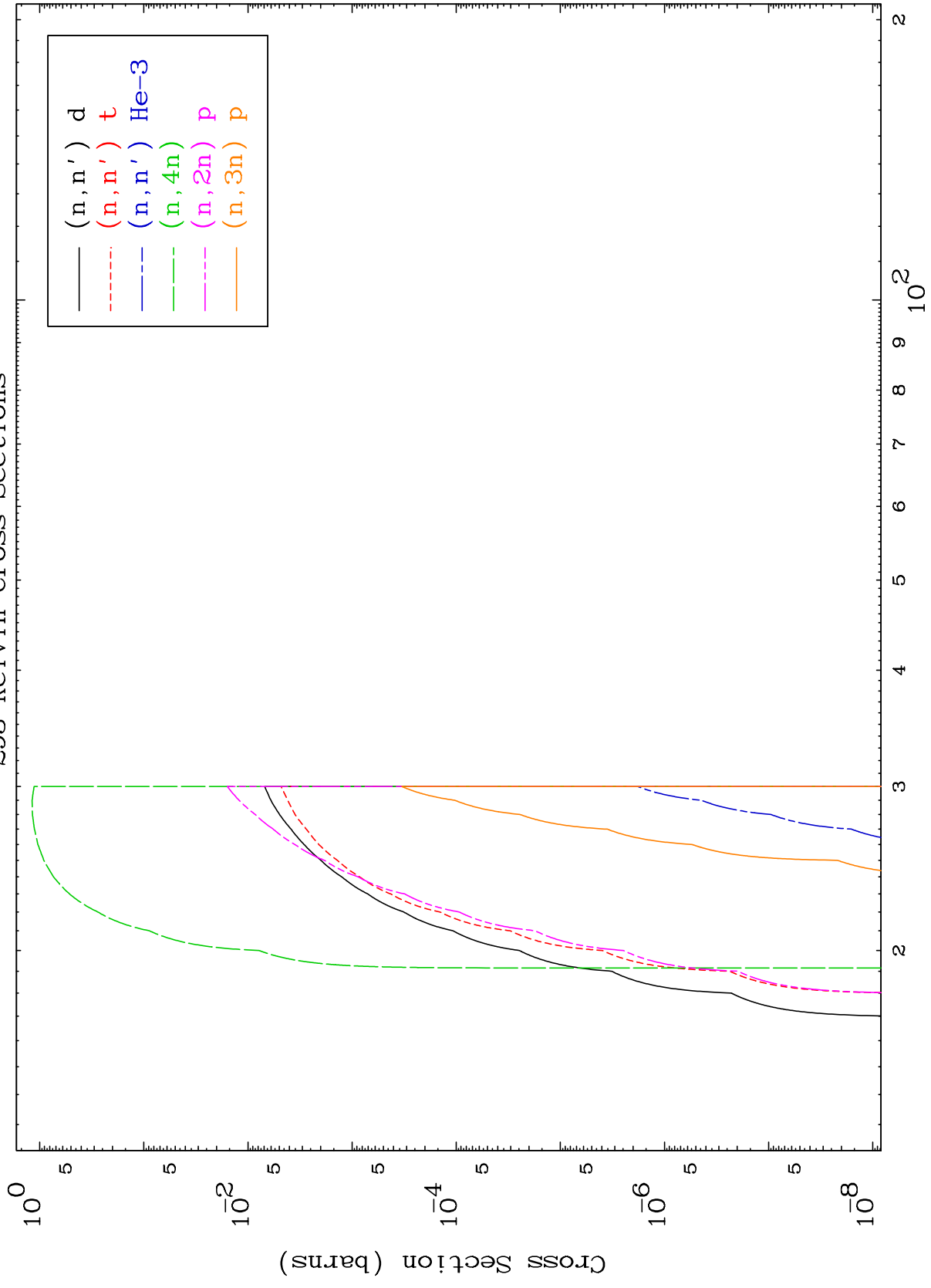
64-Gd-161

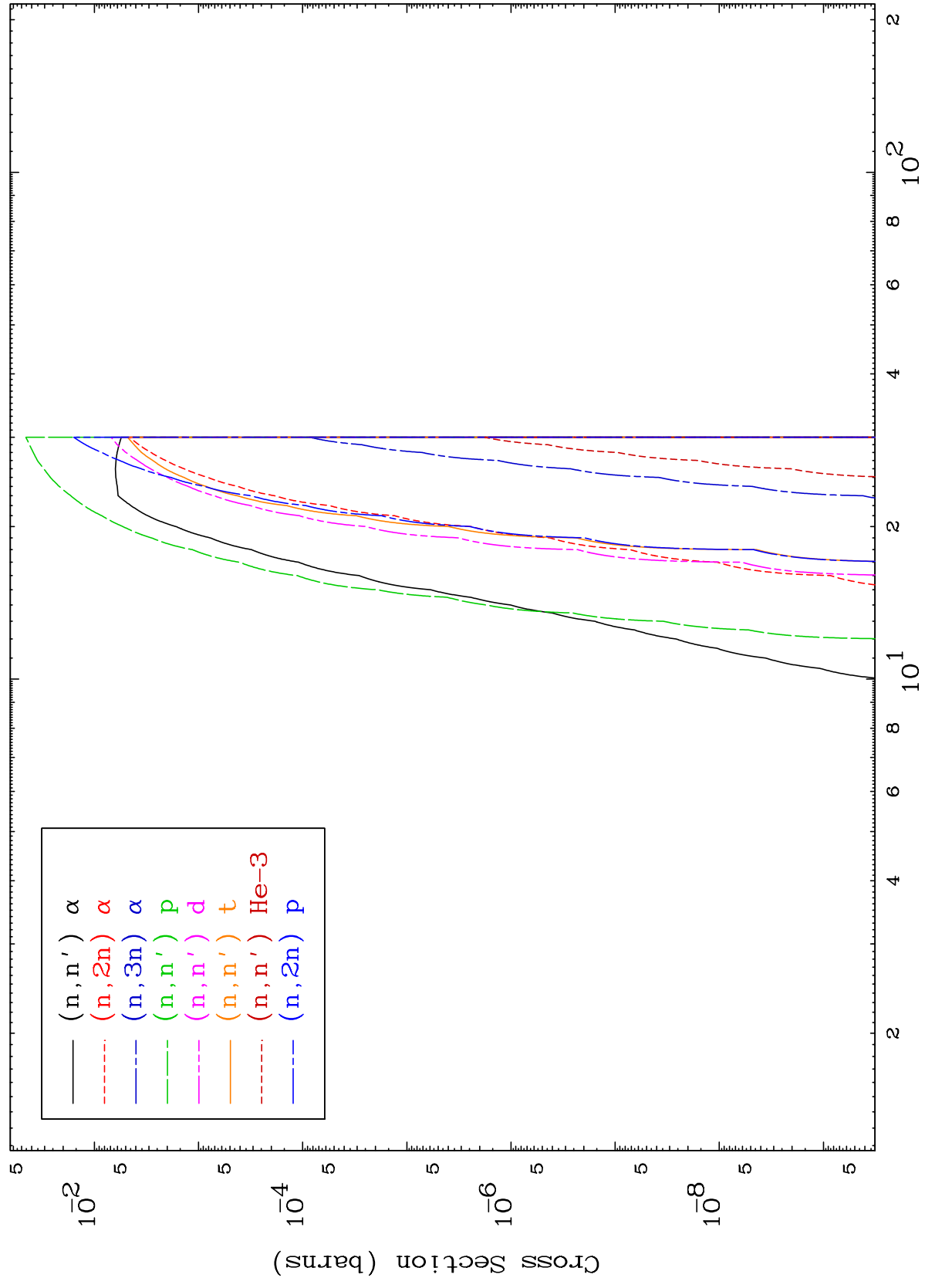


2

Incident Energy (MeV)

64-Gd-161

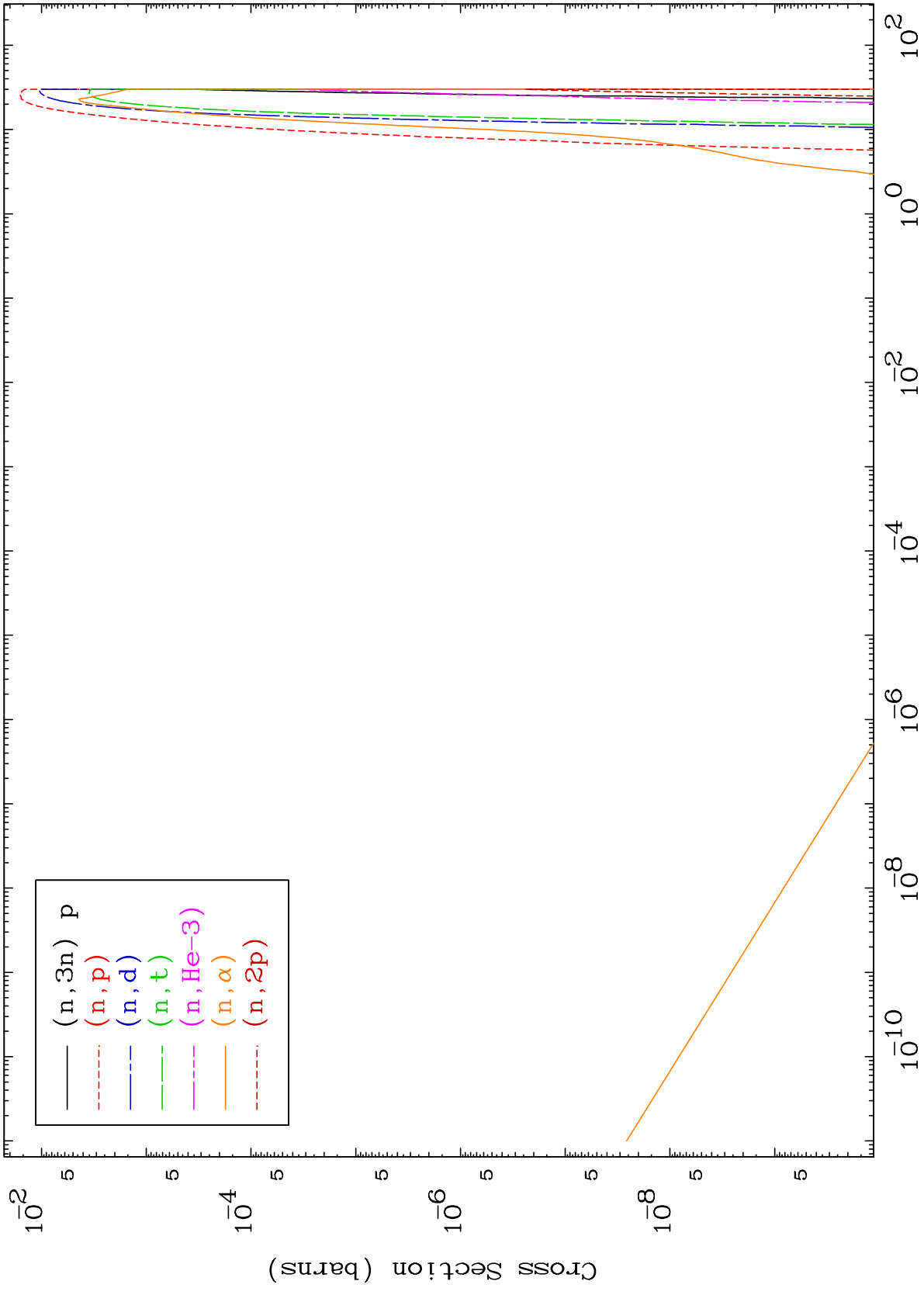




MAT 6452

Charged Particle
293 Kelvin Cross Sections

64-Gd-161



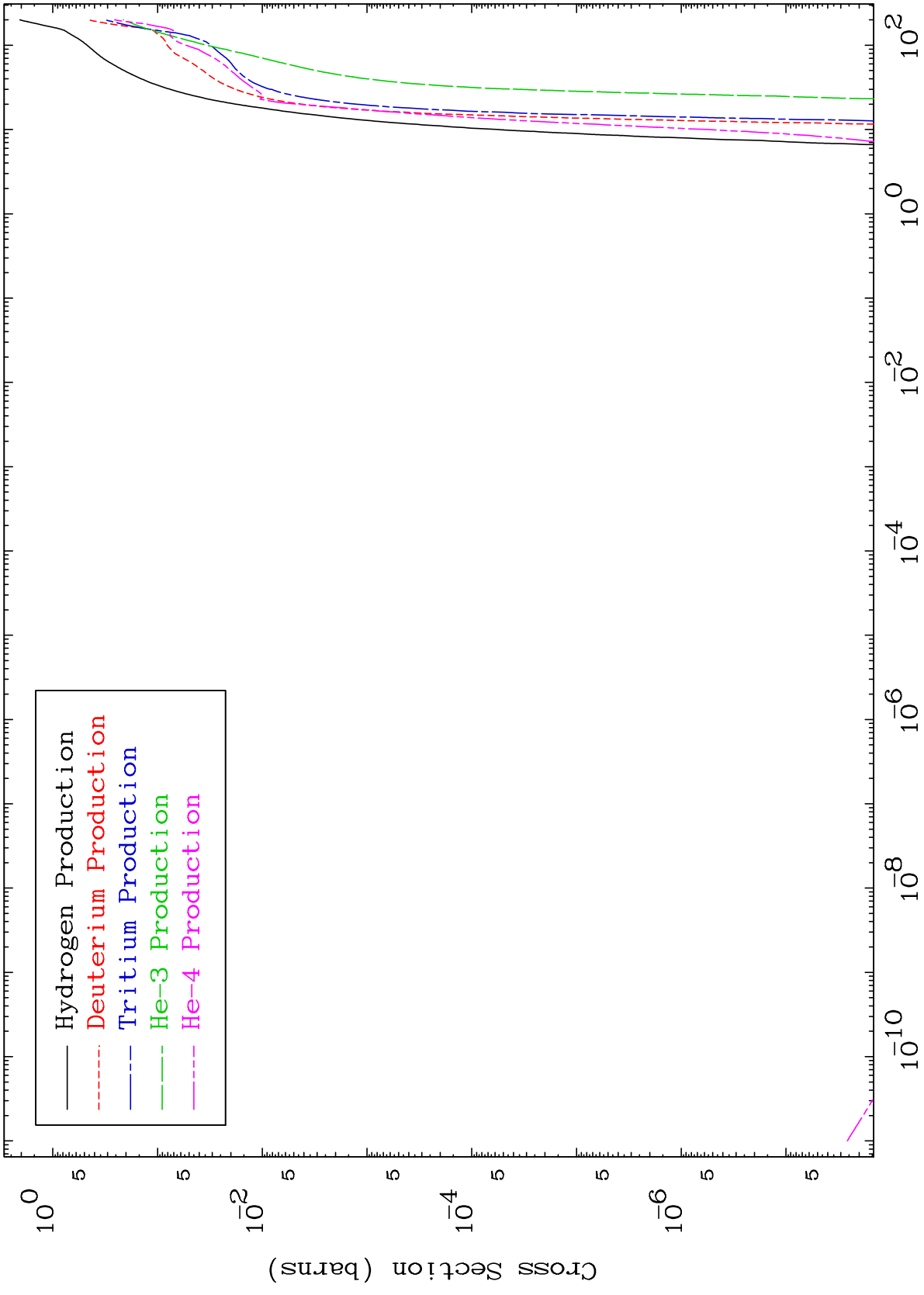
5

64-Gd-161

MAT 6452

Particle Production
293 Kelvin Cross Sections

64-Gd-161



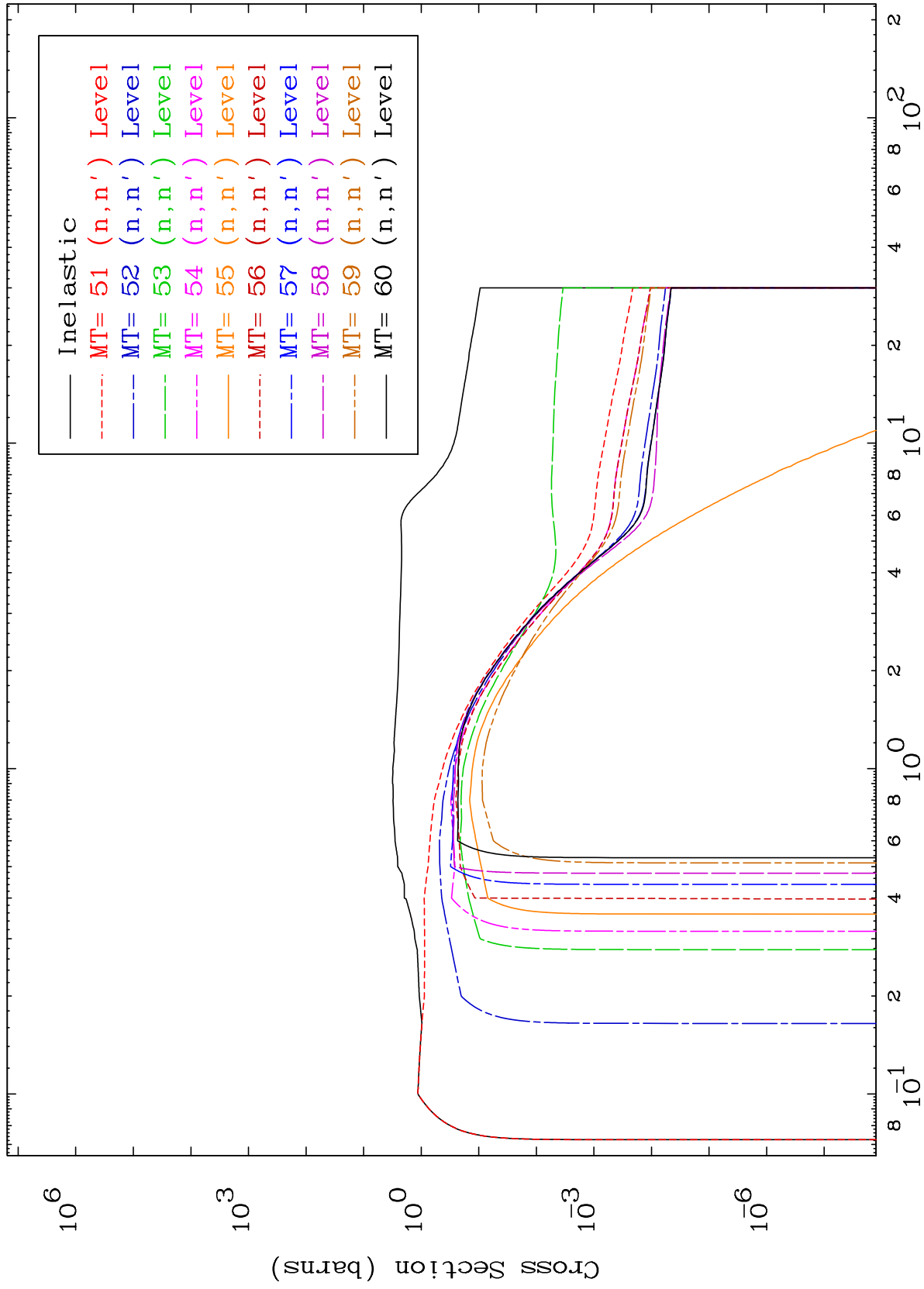
64-Gd-161

MAT 6452

(n,n') Level

64-Gd-161

293 Kelvin Cross Sections



7

Incident Energy (MeV)

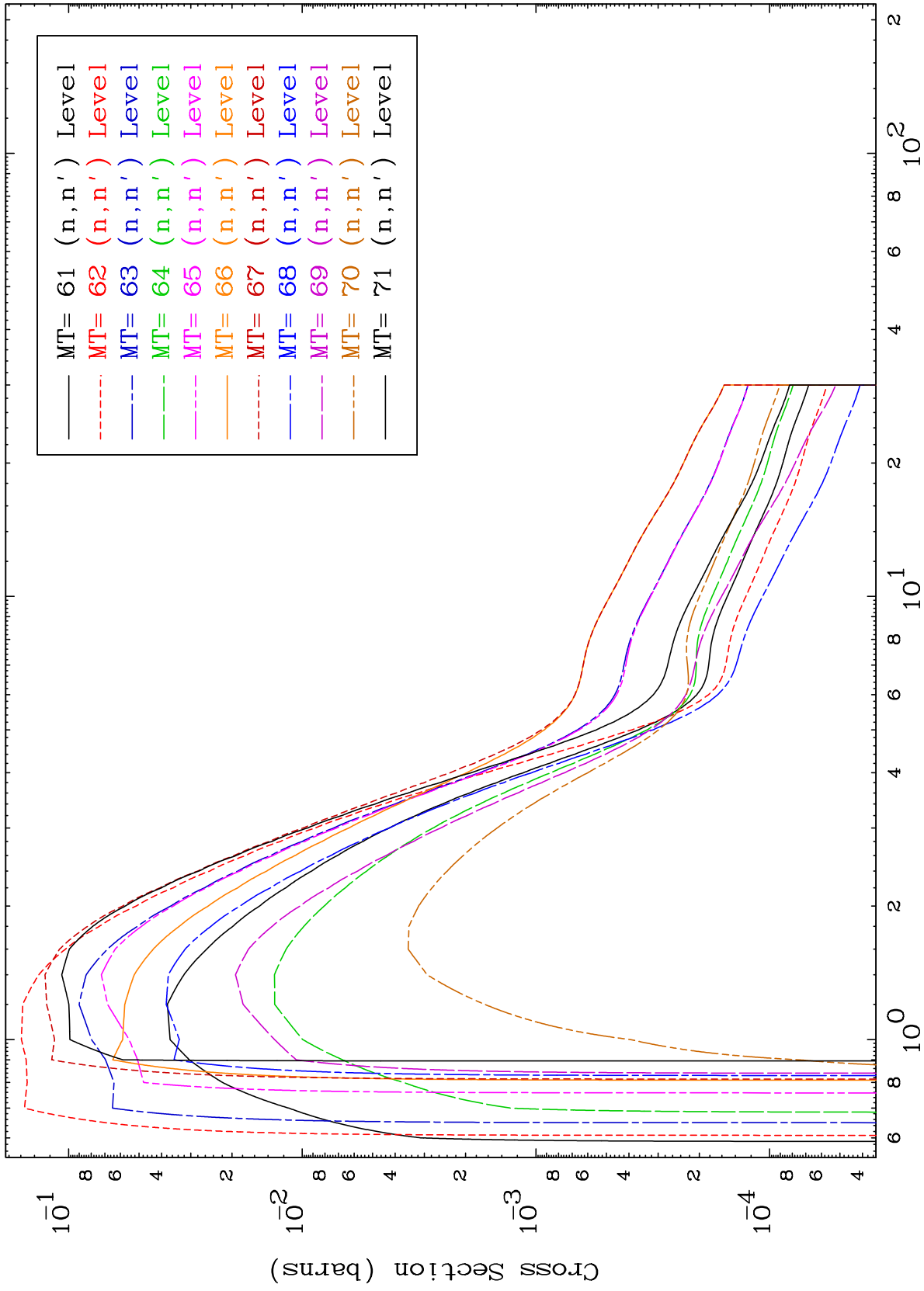
64-Gd-161

MAT 6452

(n,n') Level

64-Gd-161

293 Kelvin Cross Sections



8

Incident Energy (MeV)

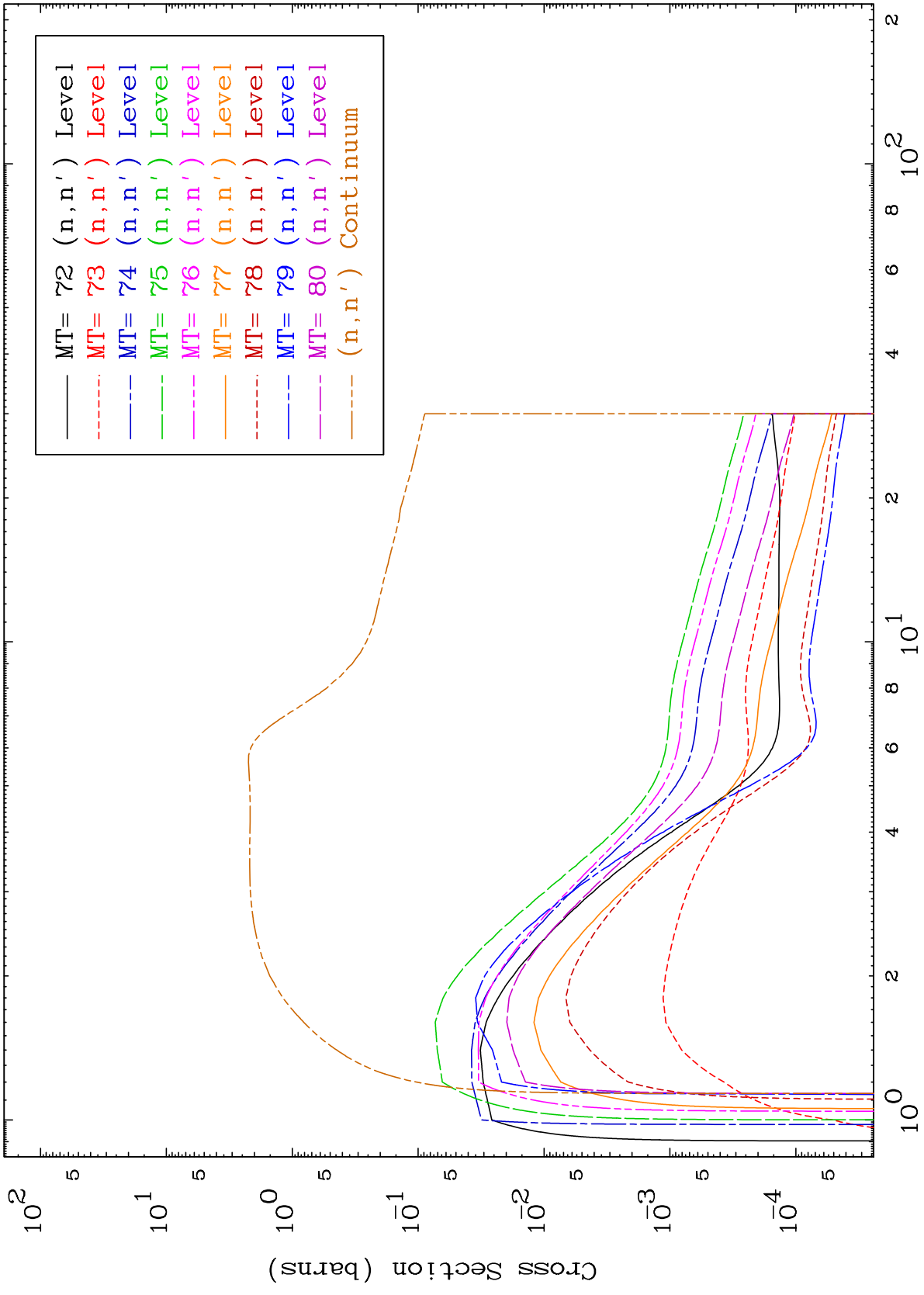
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MAT 6452

(n,n') Level

64-Gd-161

293 Kelvin Cross Sections



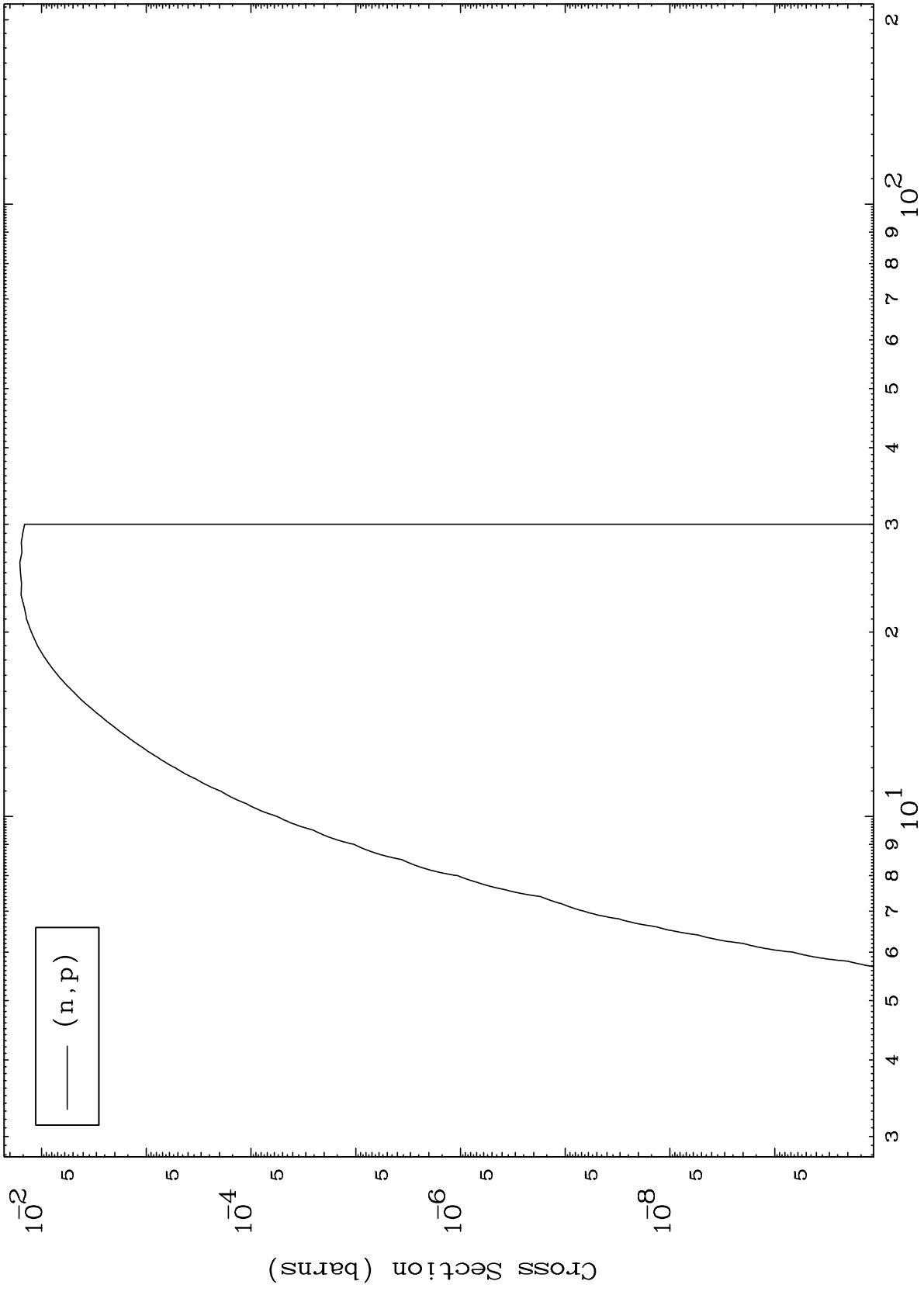
Incident Energy (MeV)

64-Gd-161

MAT 6452

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-161



(n,p)

10

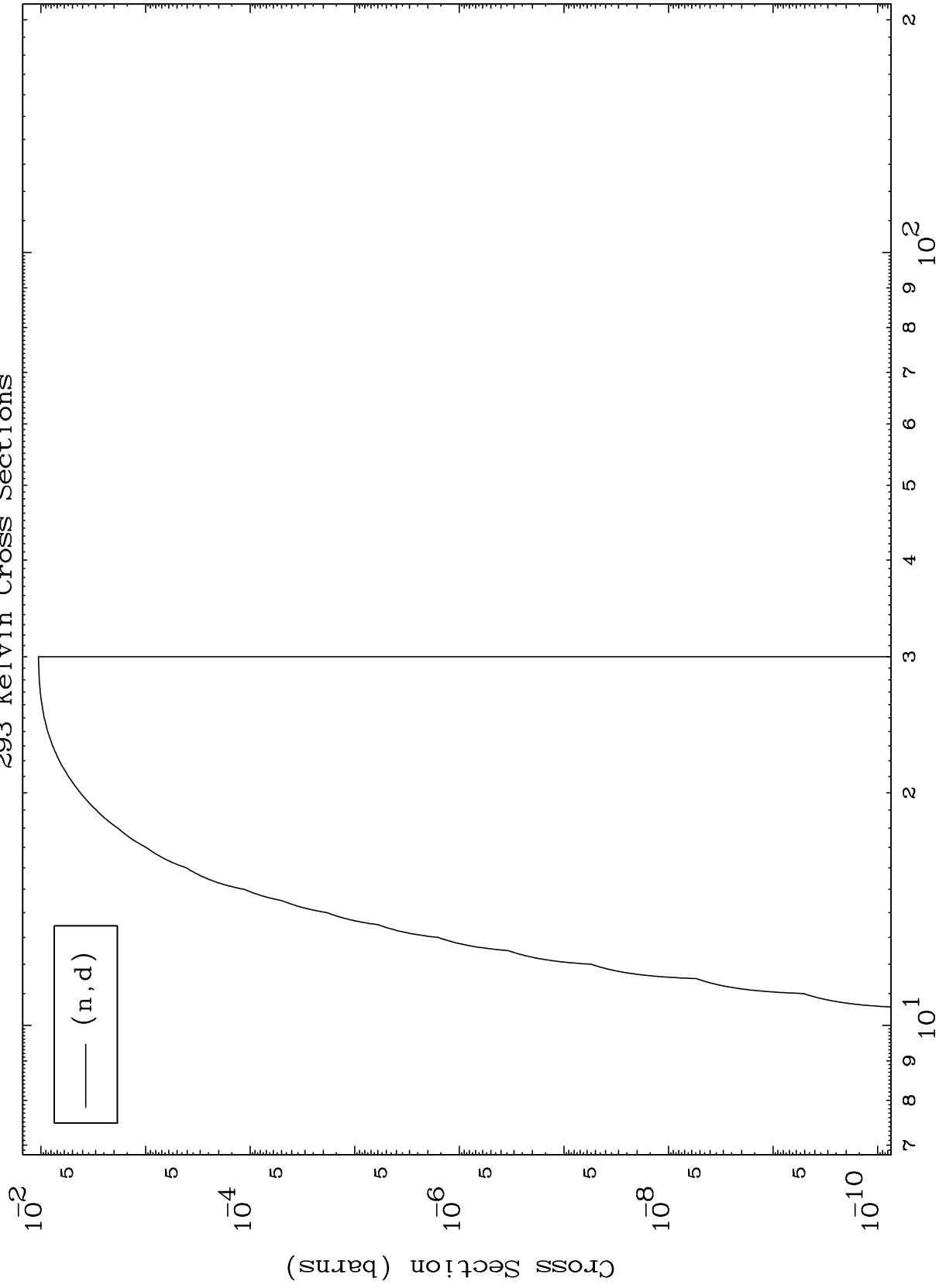
Incident Energy (MeV)

64-Gd-161

MAT 6452

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-161



11

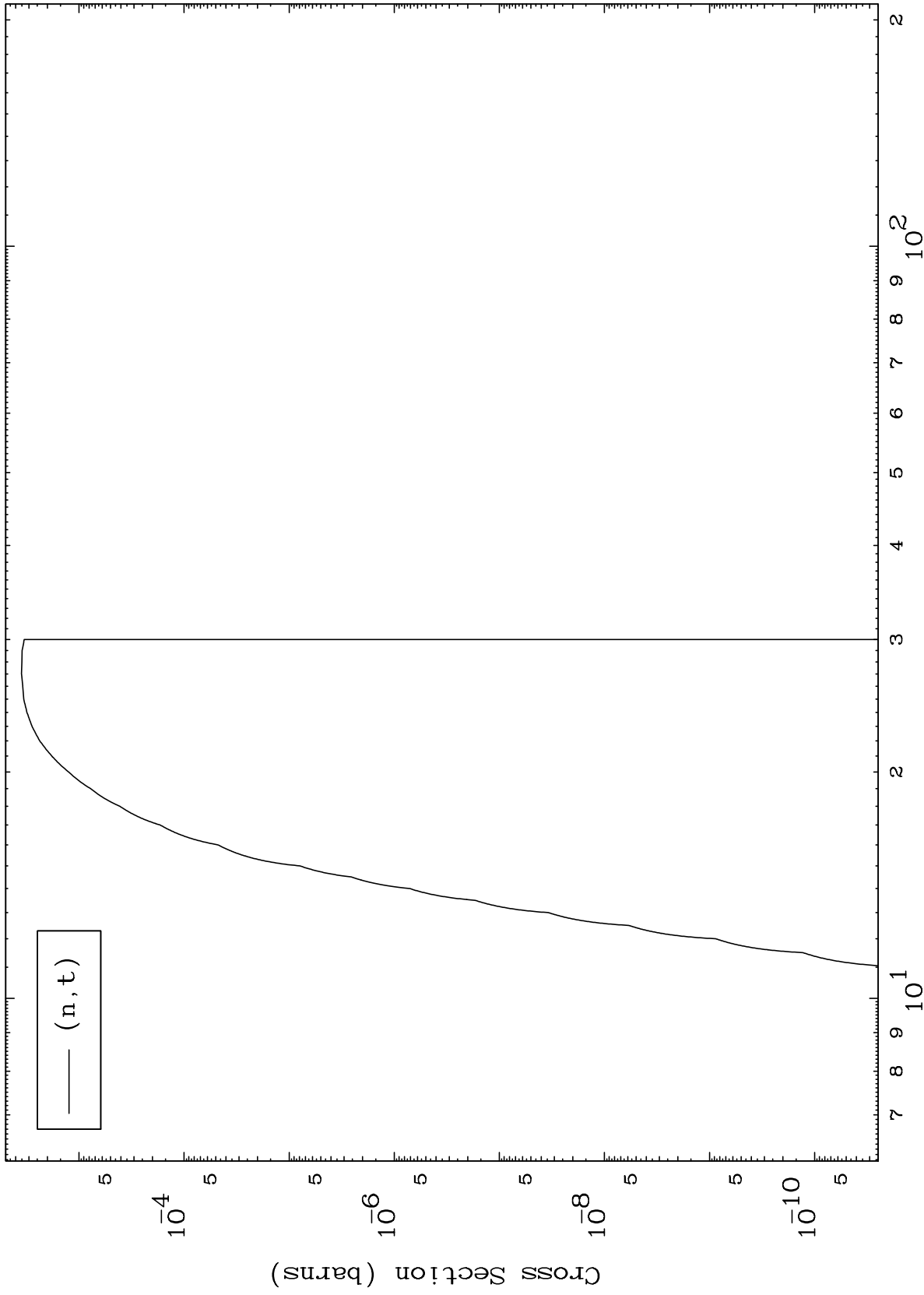
Incident Energy (MeV)

64-Gd-161

MAT 6452

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-161



12

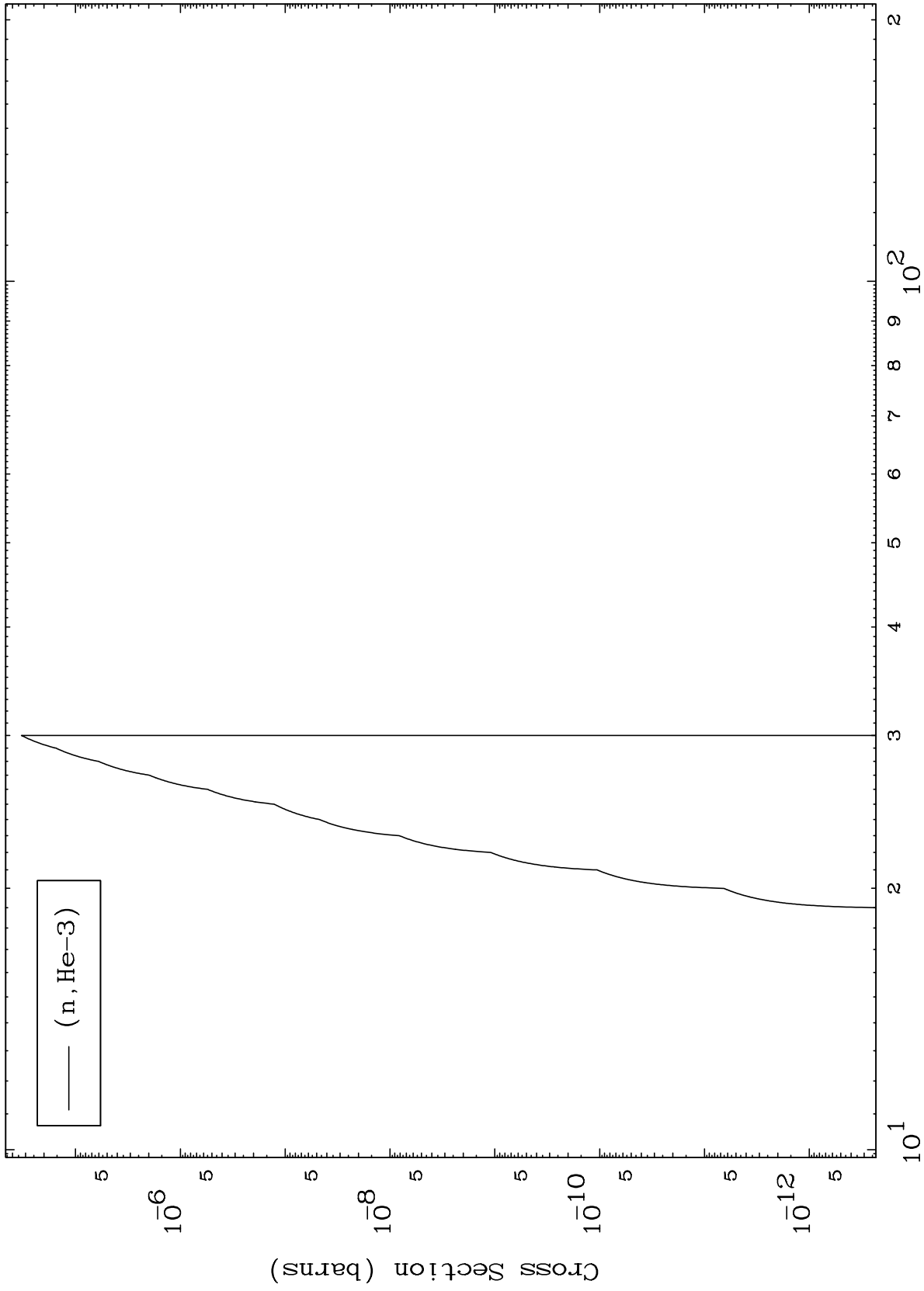
Incident Energy (MeV)

64-Gd-161

MAT 6452

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-161



13

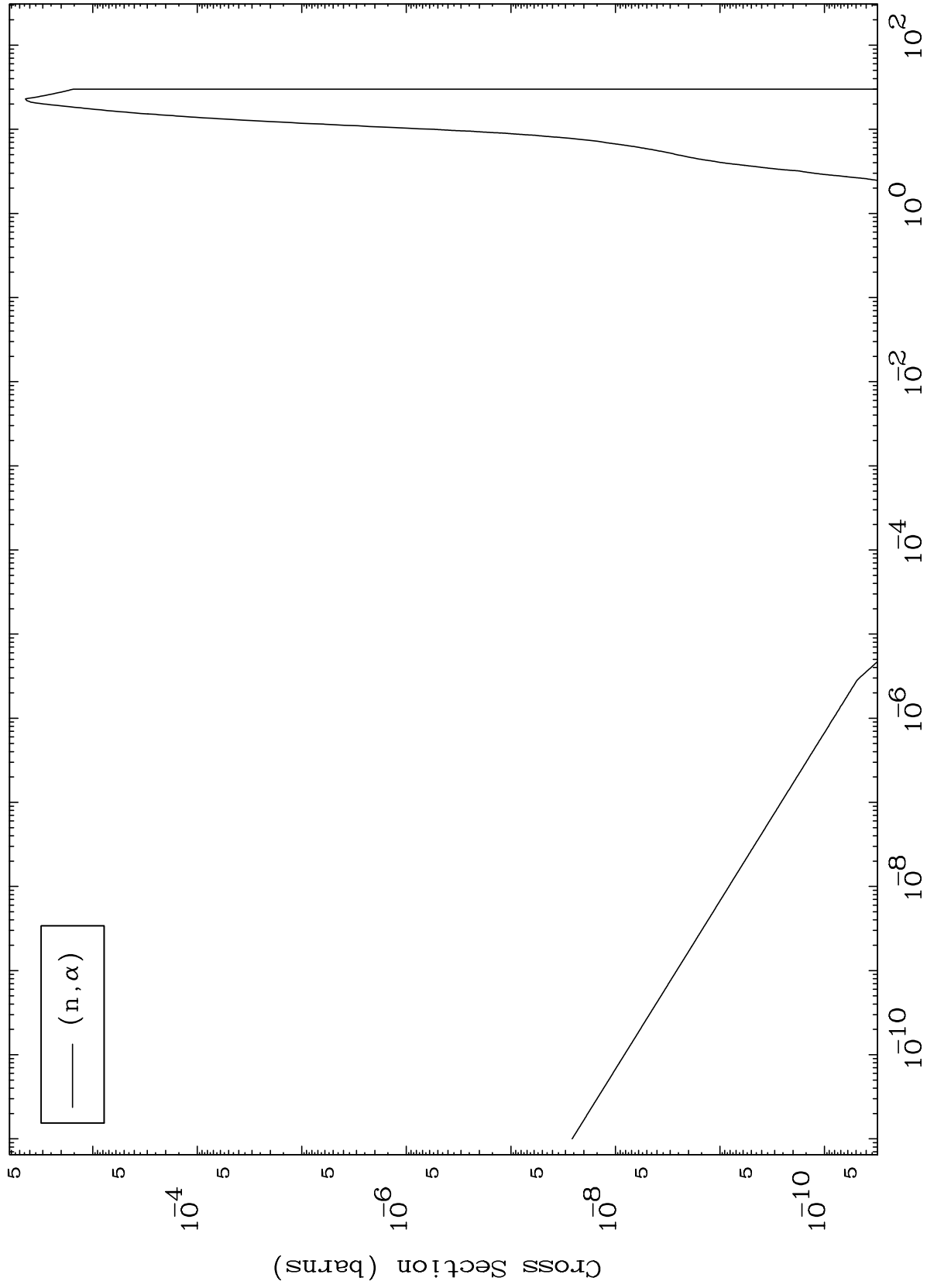
Incident Energy (MeV)

64-Gd-161

MAT 6452

(n,α) Levels
293 Kelvin Cross Sections

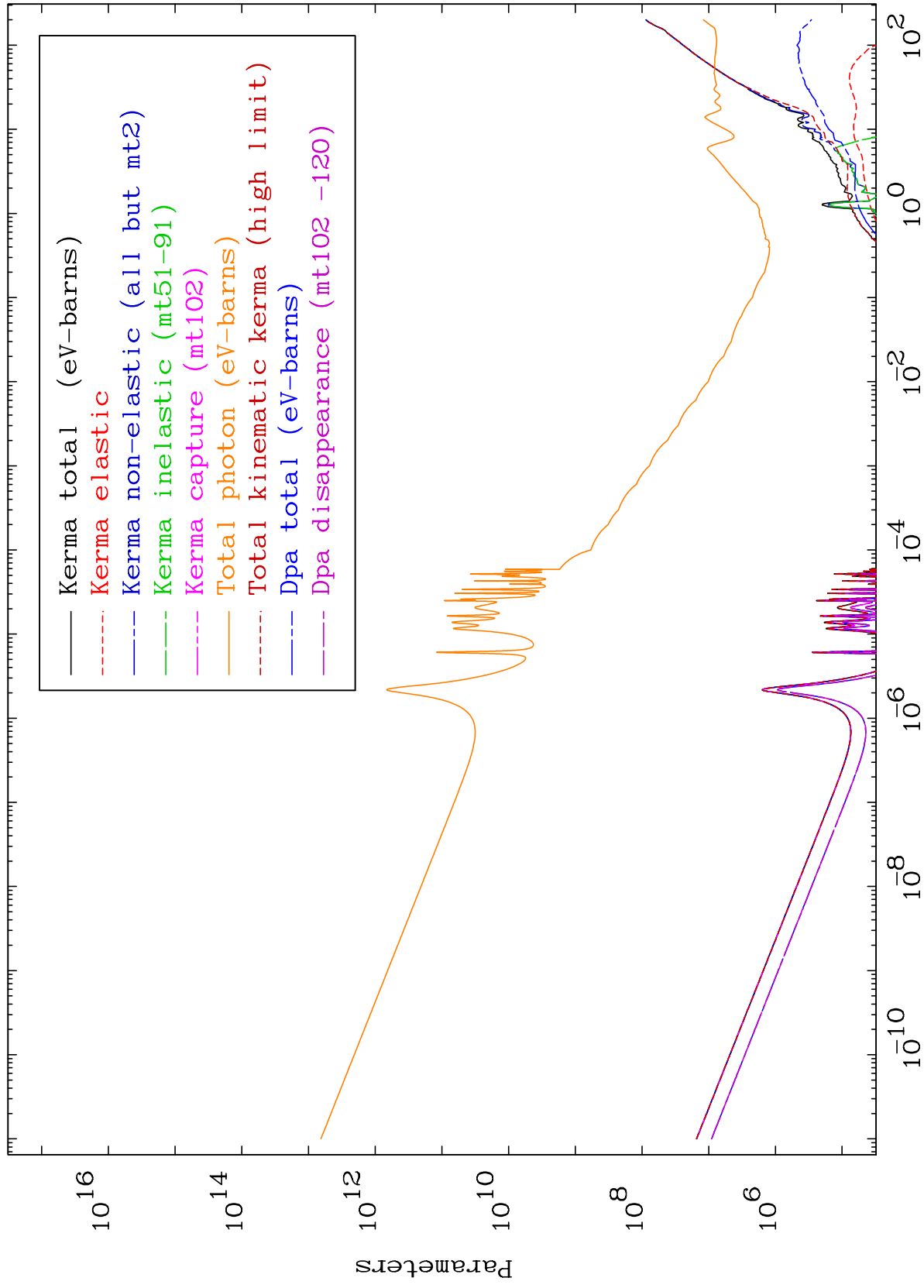
64-Gd-161



14

Incident Energy (MeV)

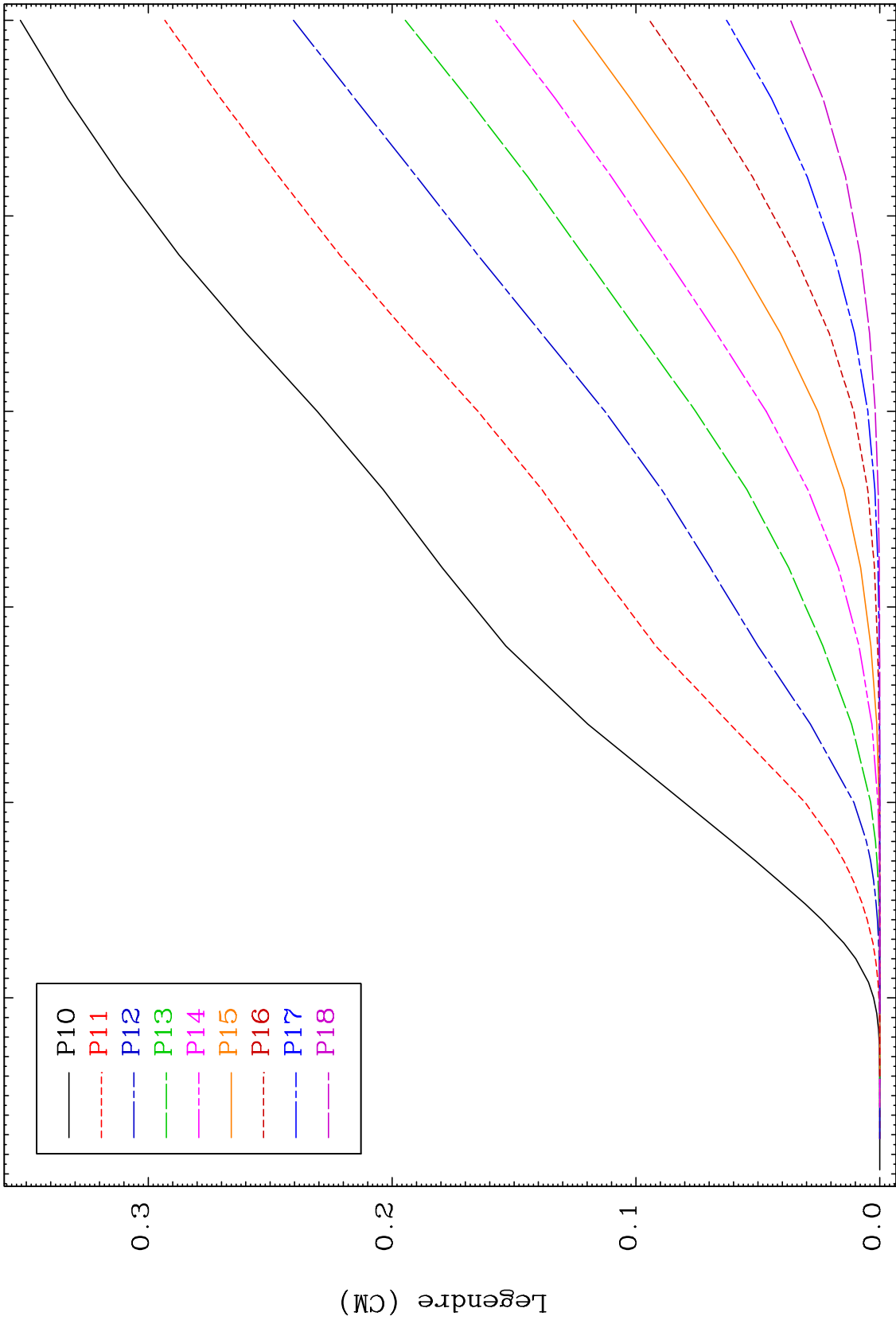
64-Gd-161



MAT 6452

Elastic Legendre Coefficients

64-Gd-161



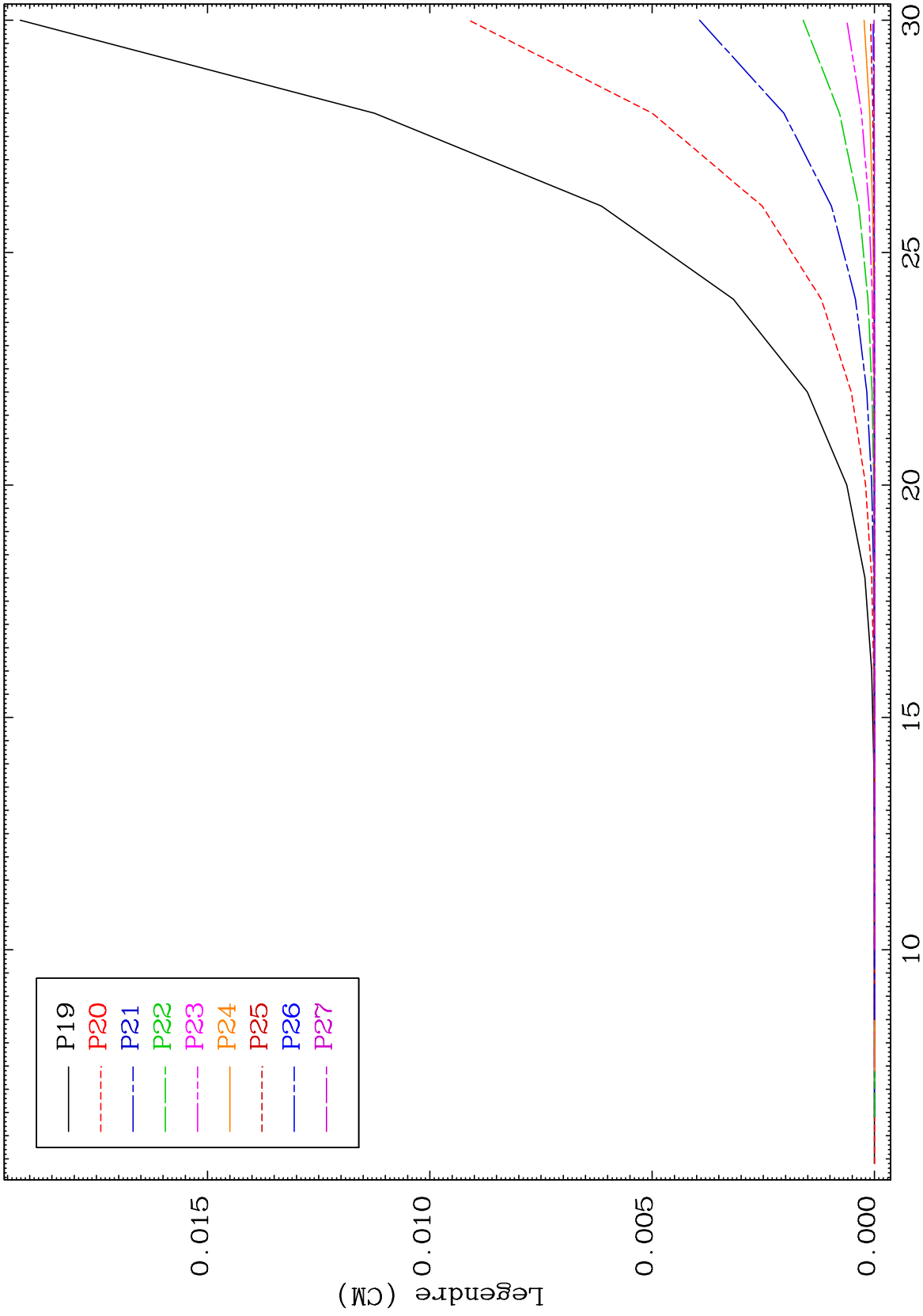
17

64-Gd-161

MAT 6452

Elastic Legendre Coefficients

64-Gd-161



18

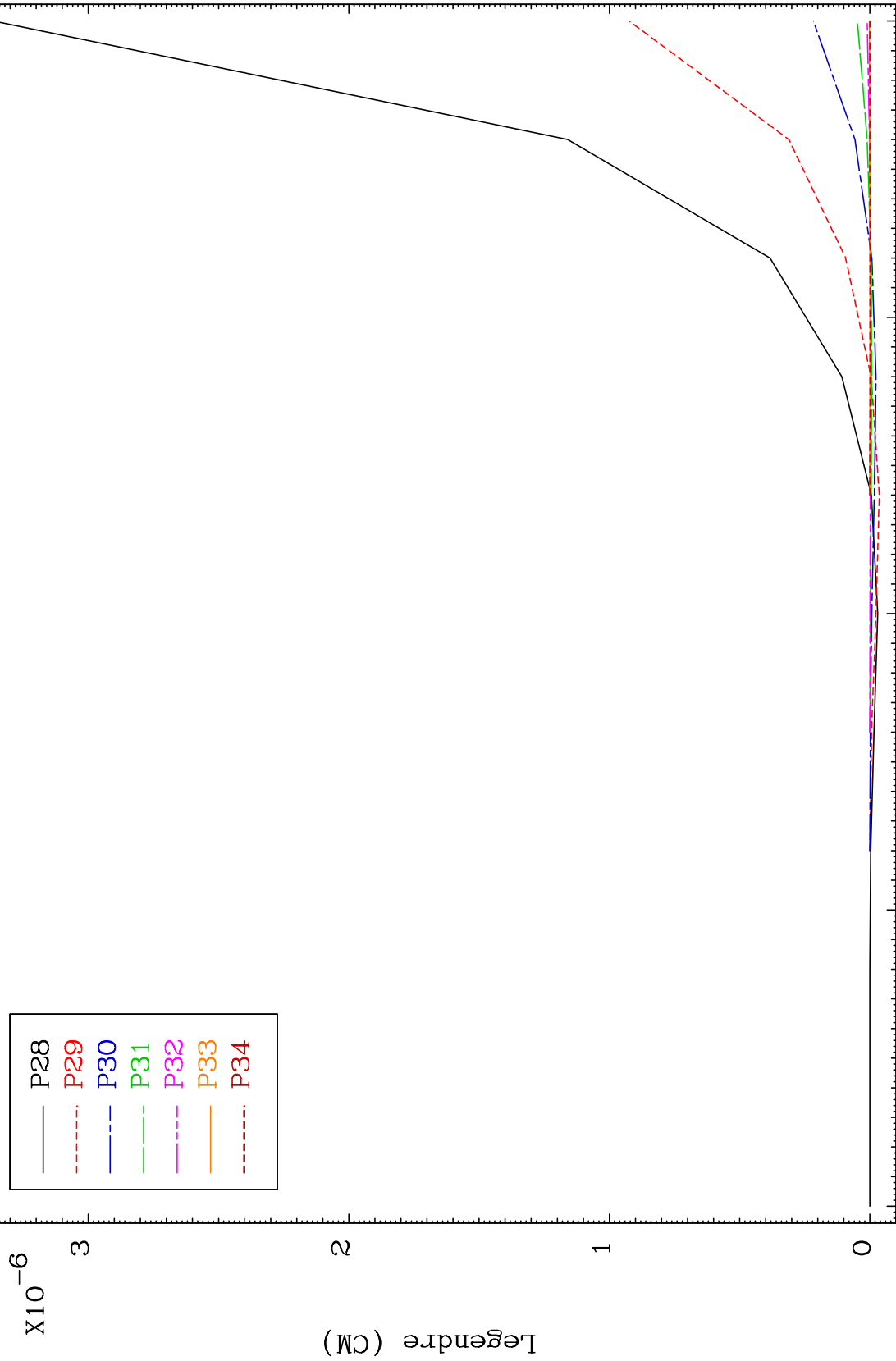
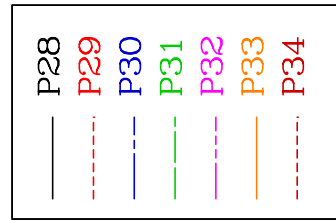
Incident Energy (MeV)

64-Gd-161

MAT 6452

Elastic Legendre Coefficients

64-Gd-161

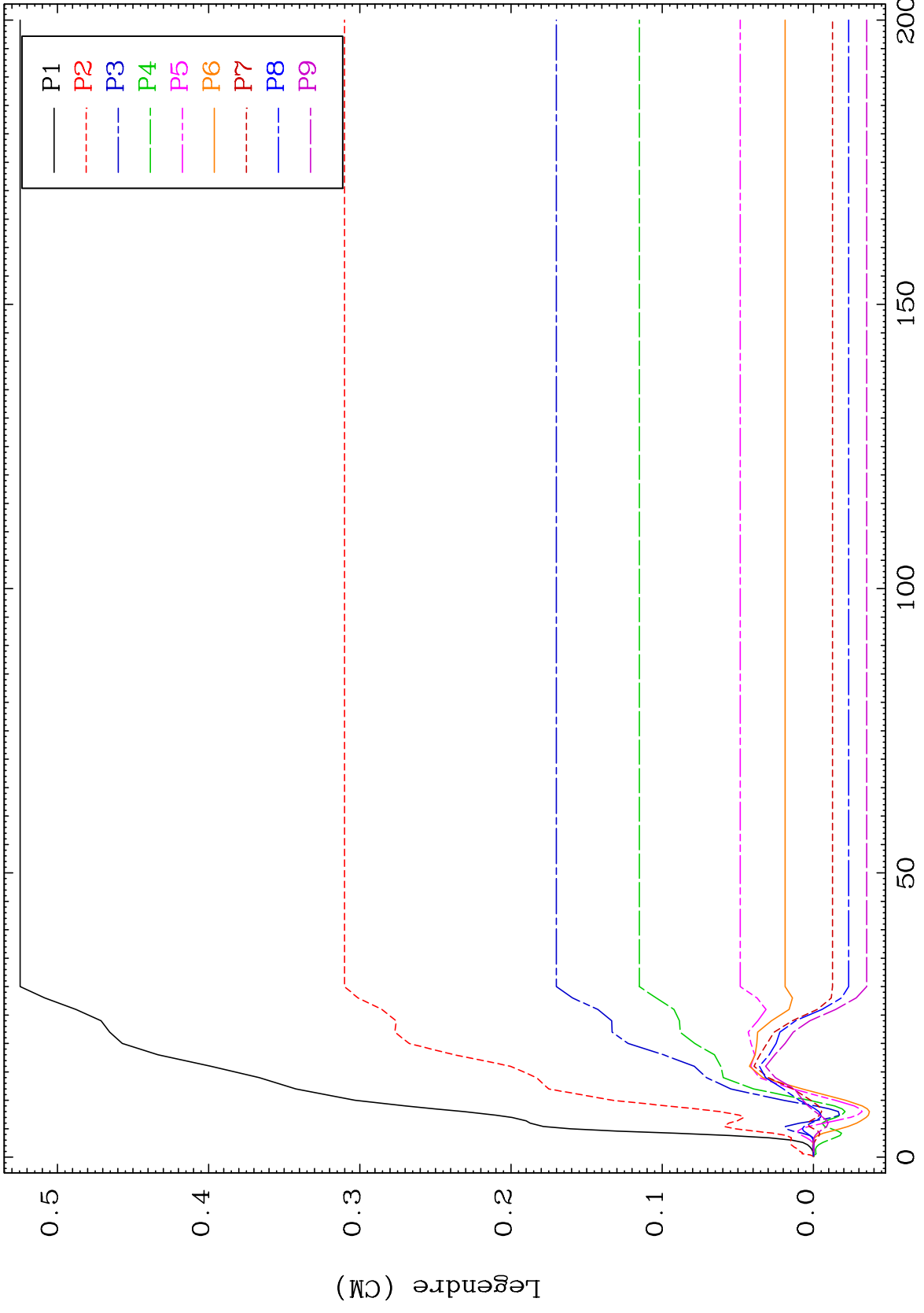


64-Gd-161

Incident Energy (MeV)

19

MAT 6452 MT= 51 (n,n') Level Legendre Coefficients 64-Gd-161

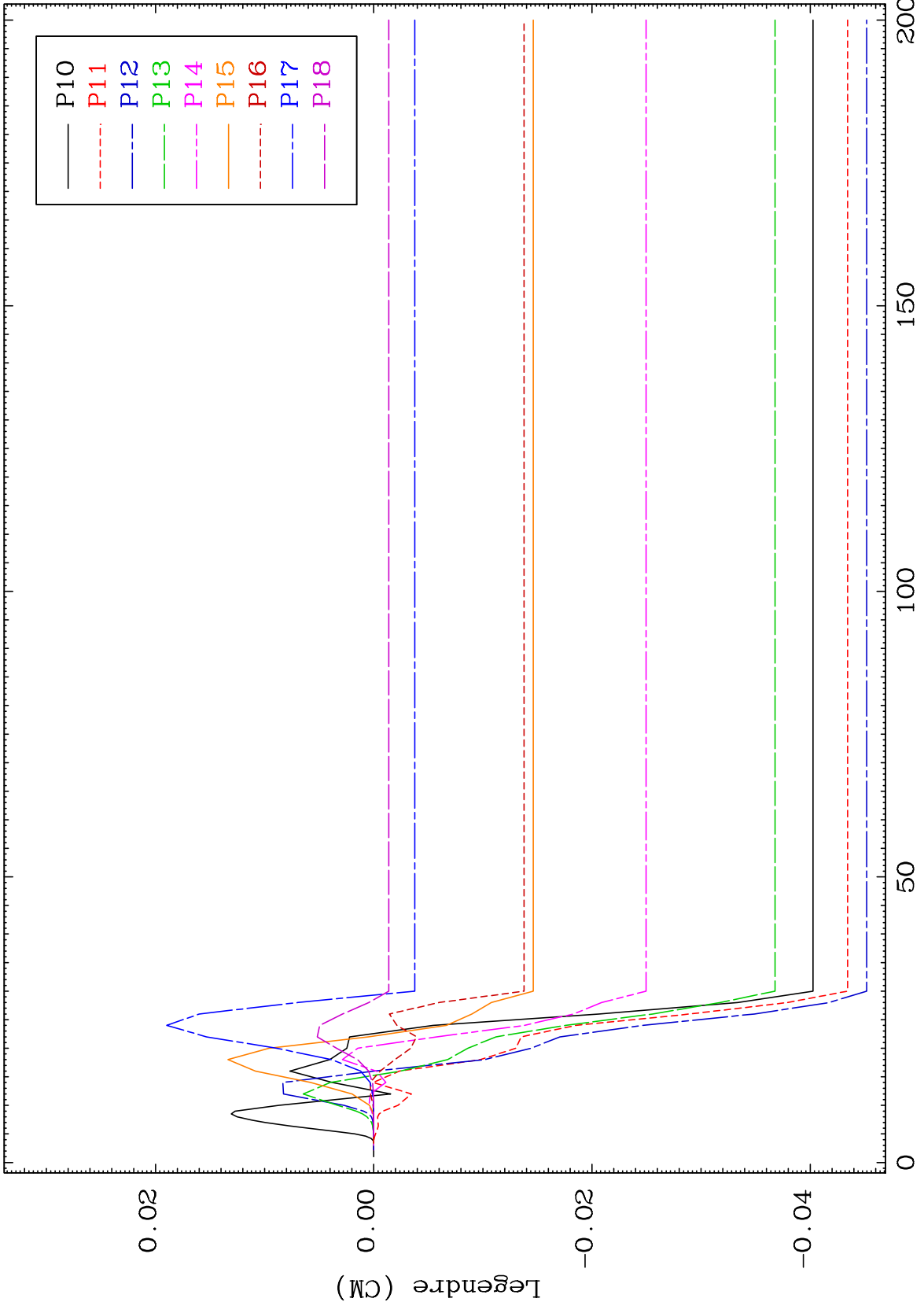


64-Gd-161

MAT 6452

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

64-Gd-161



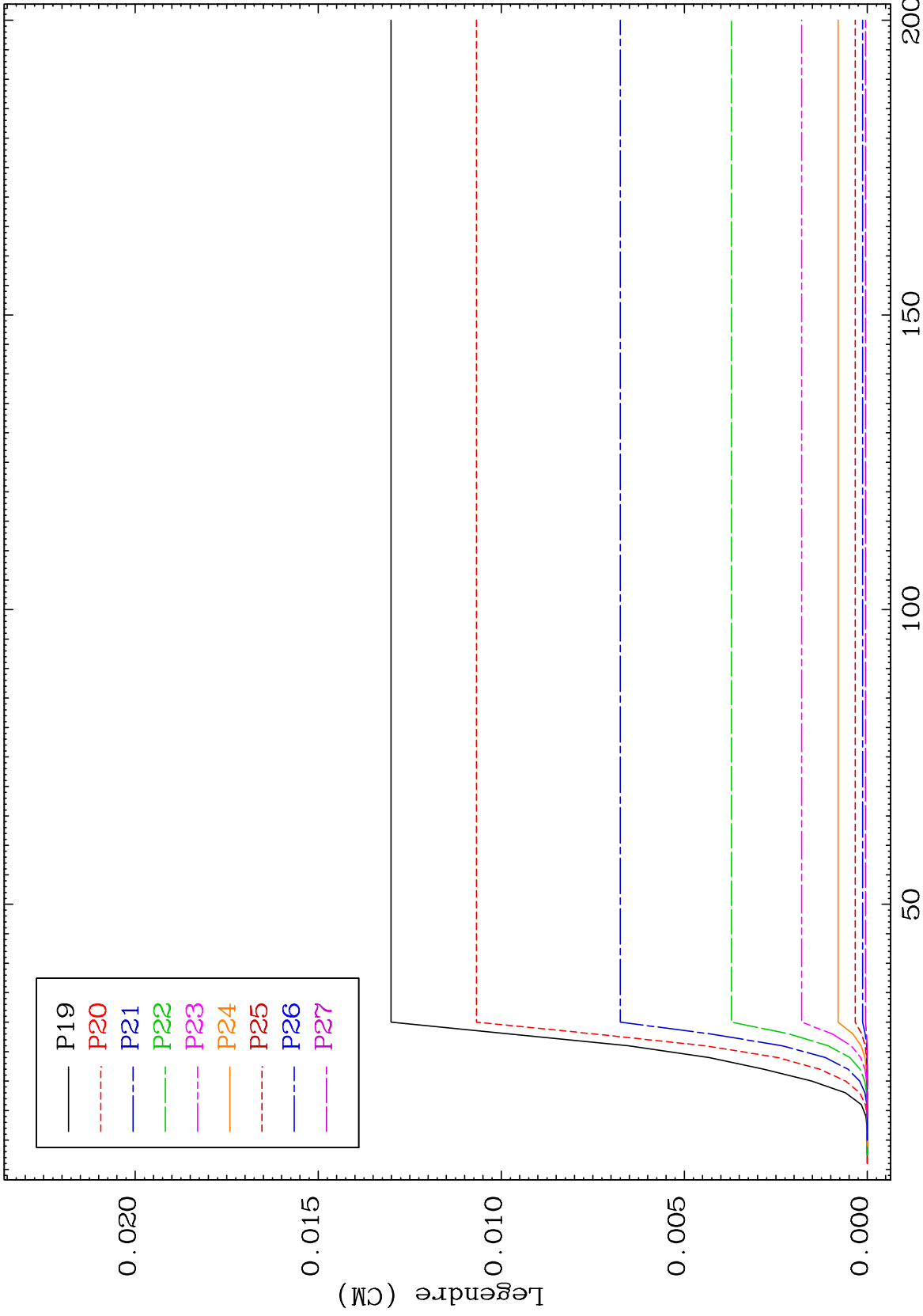
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64-Gd-161

MAT 6452

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

64-Gd-161



22

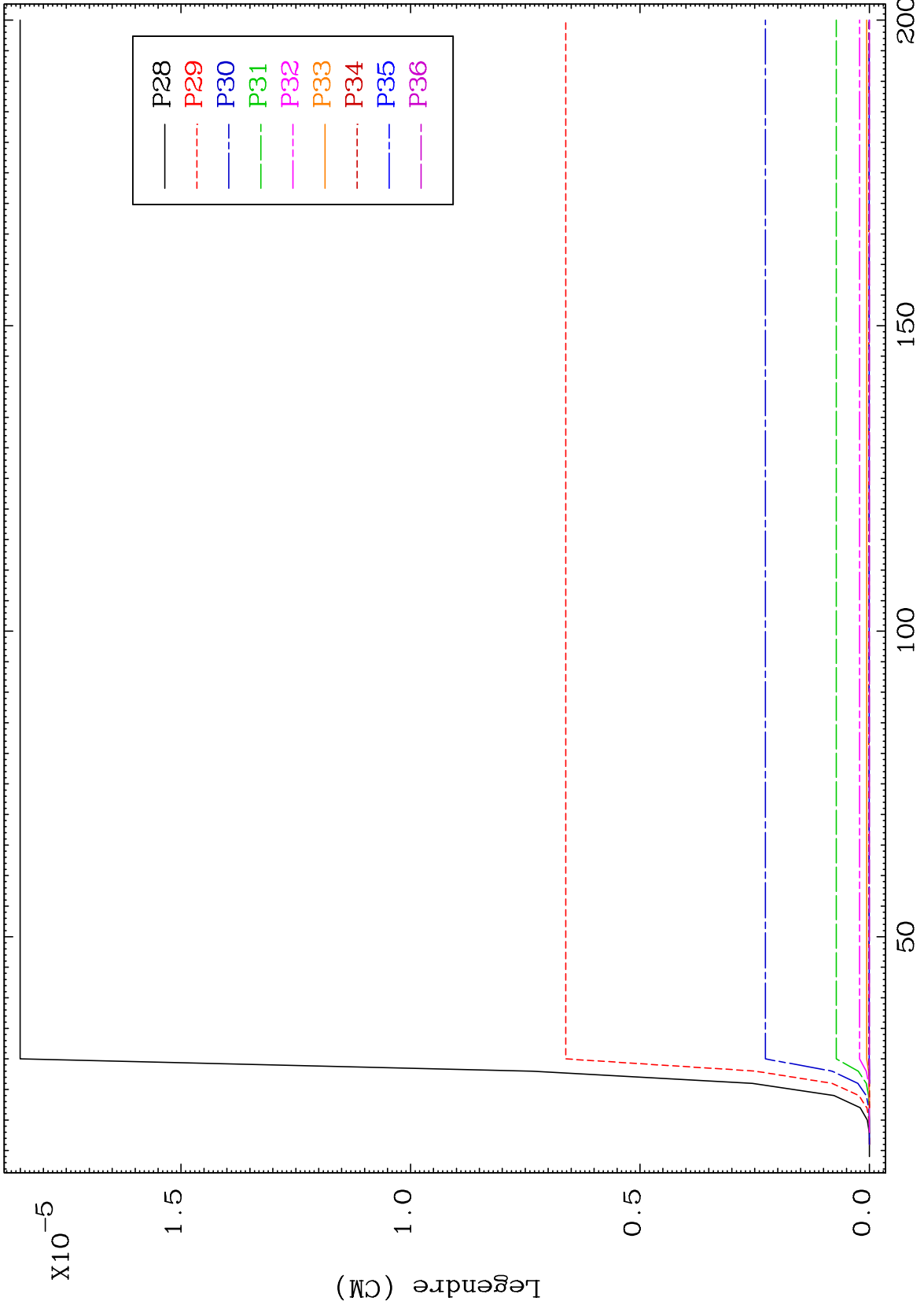
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



23

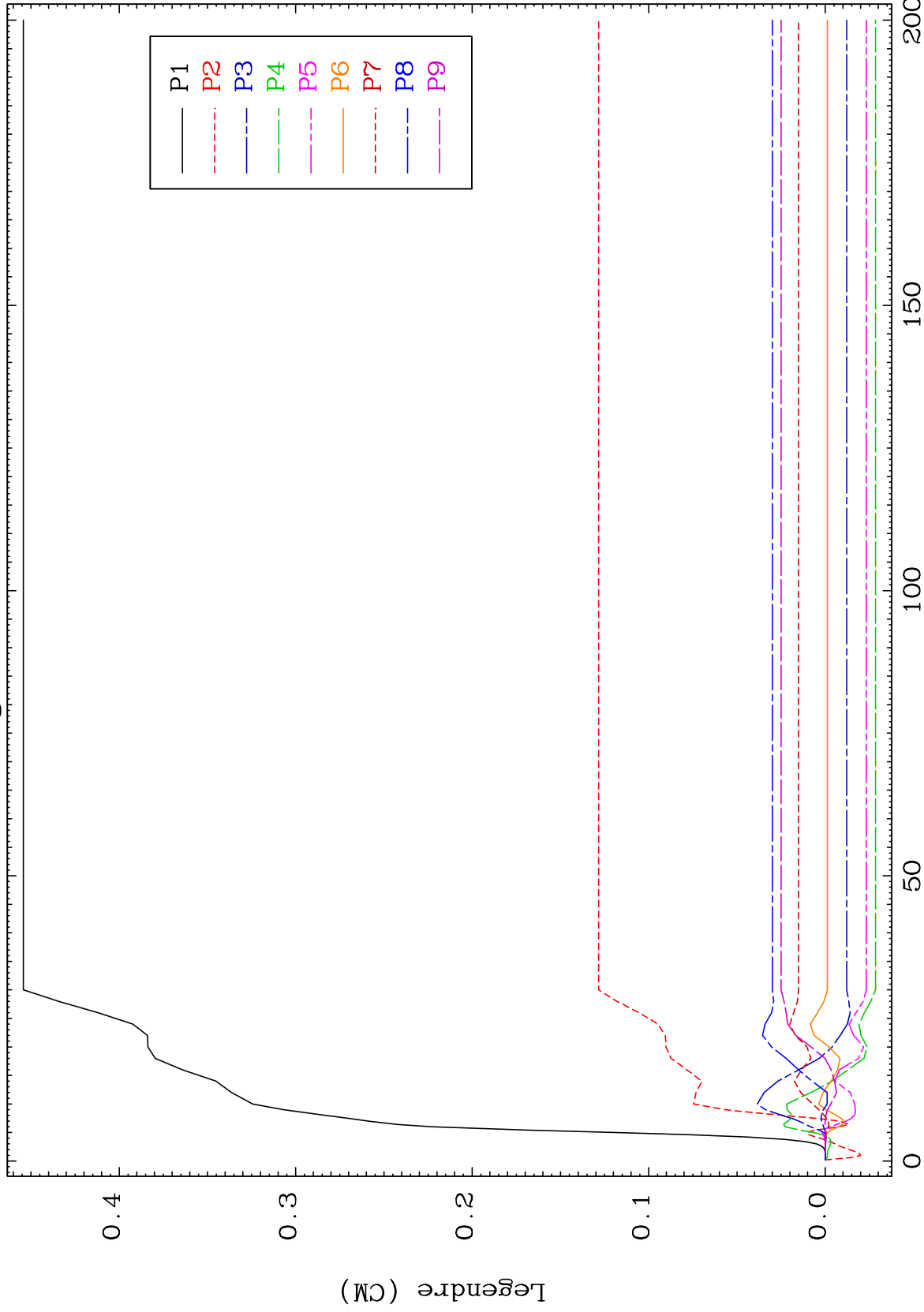
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



24

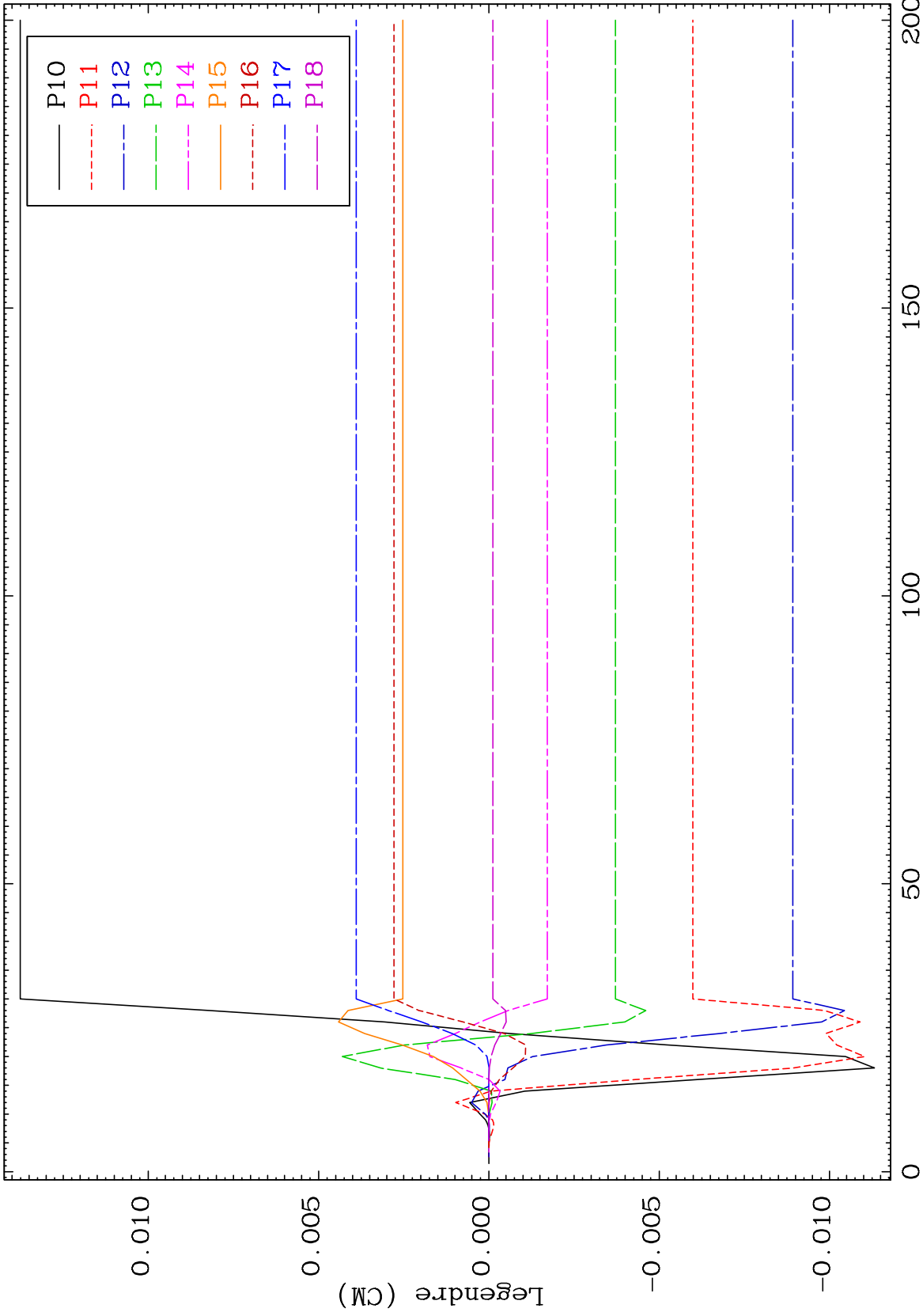
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



25

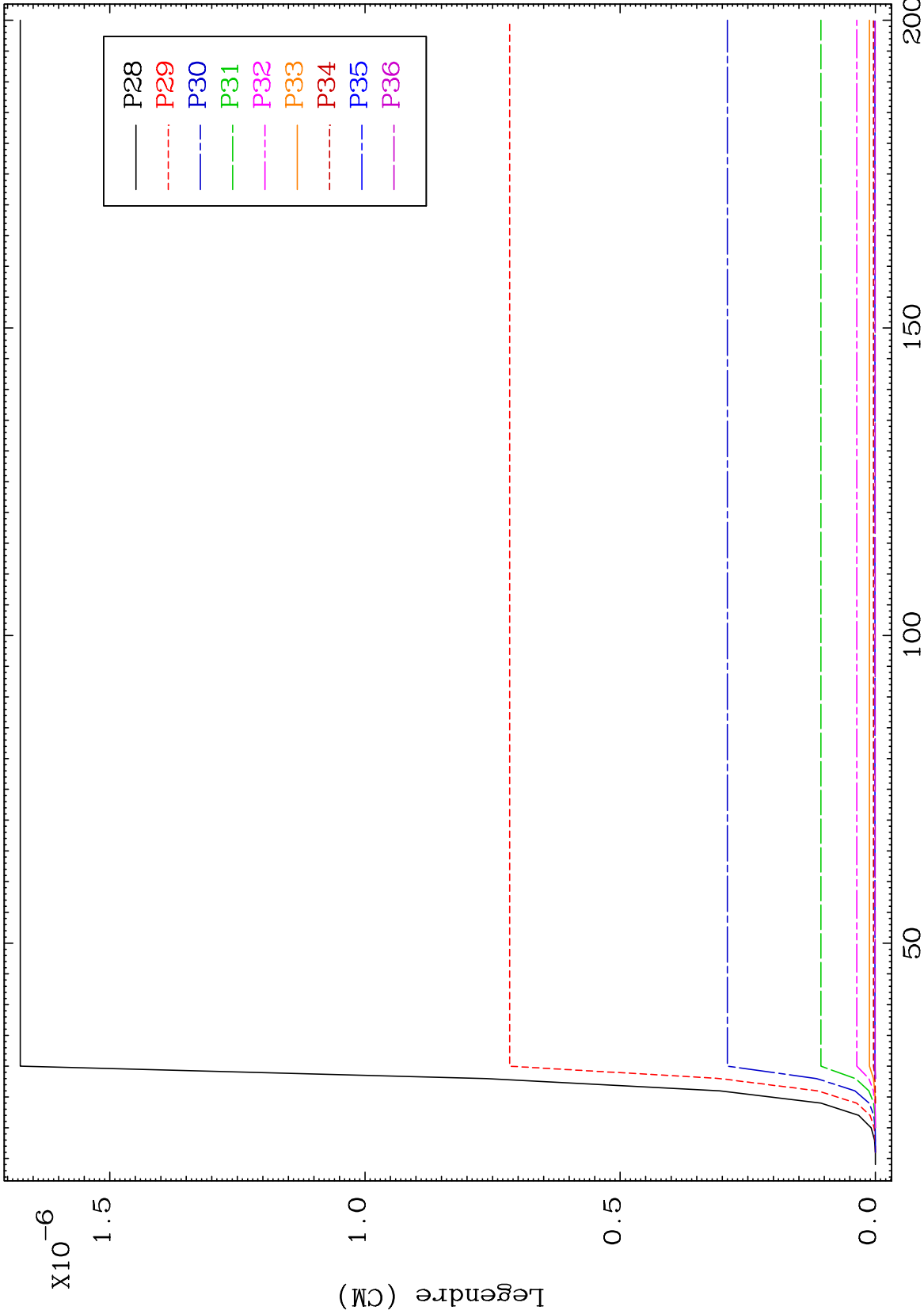
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



27

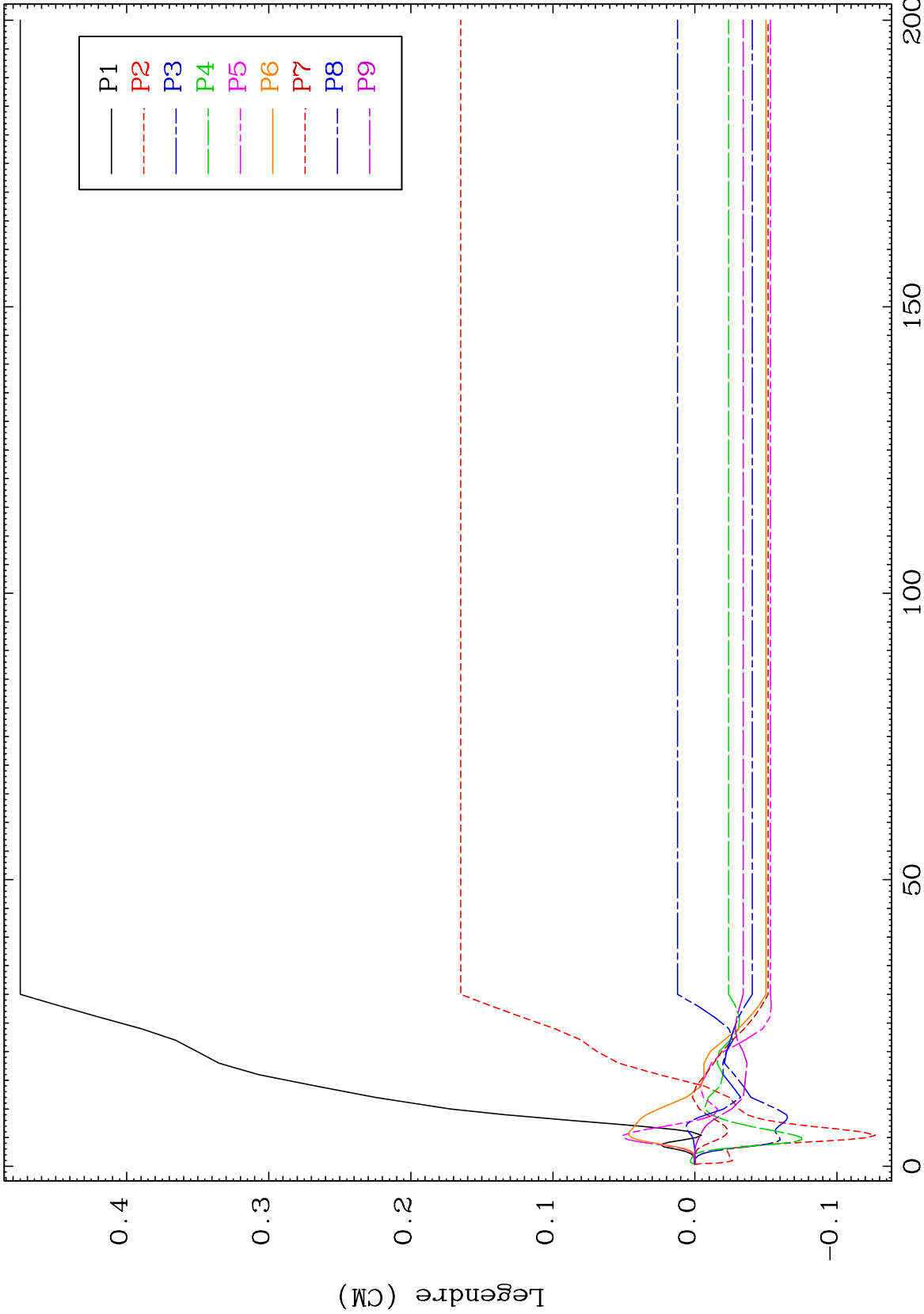
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



28

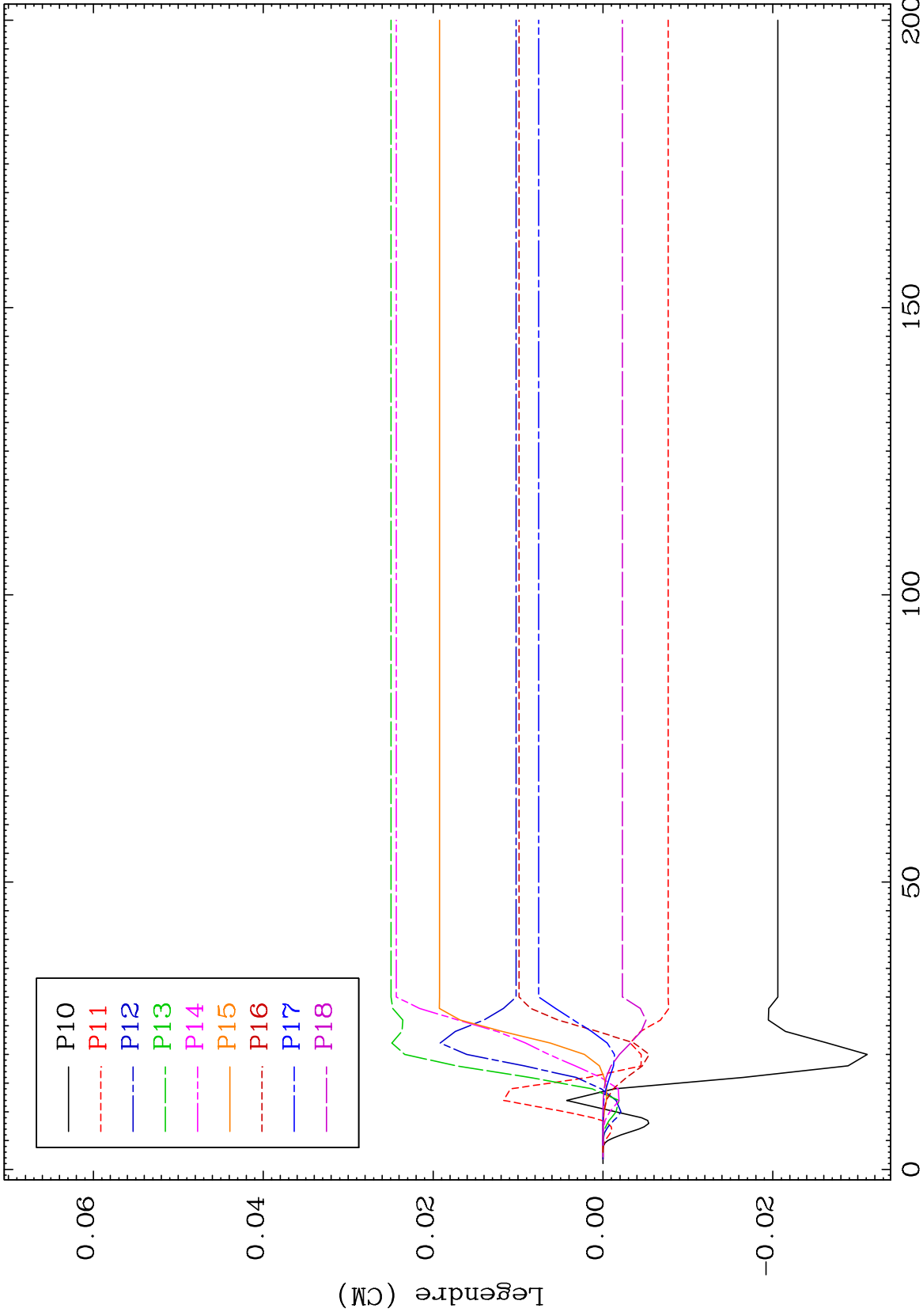
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



29

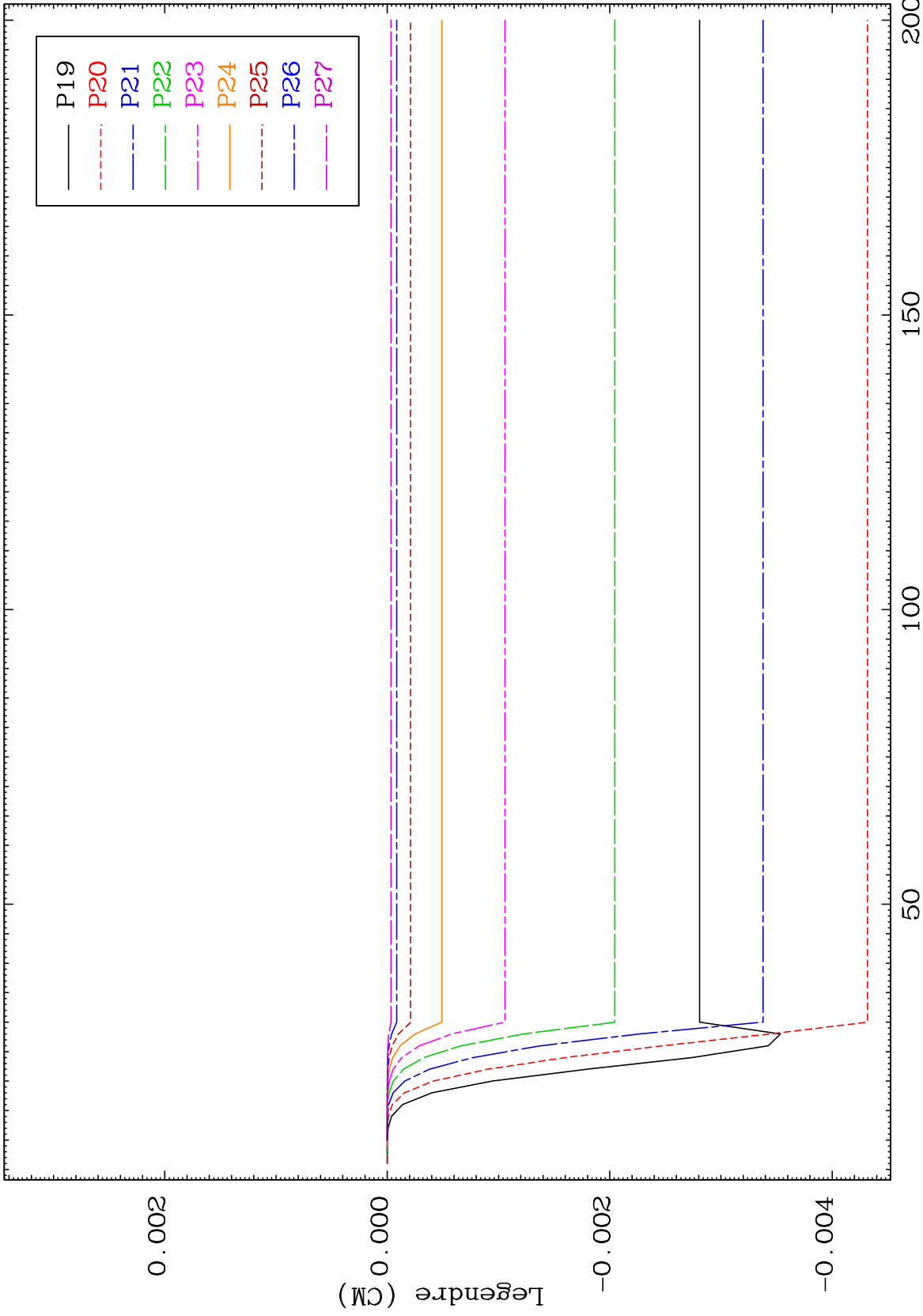
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



30

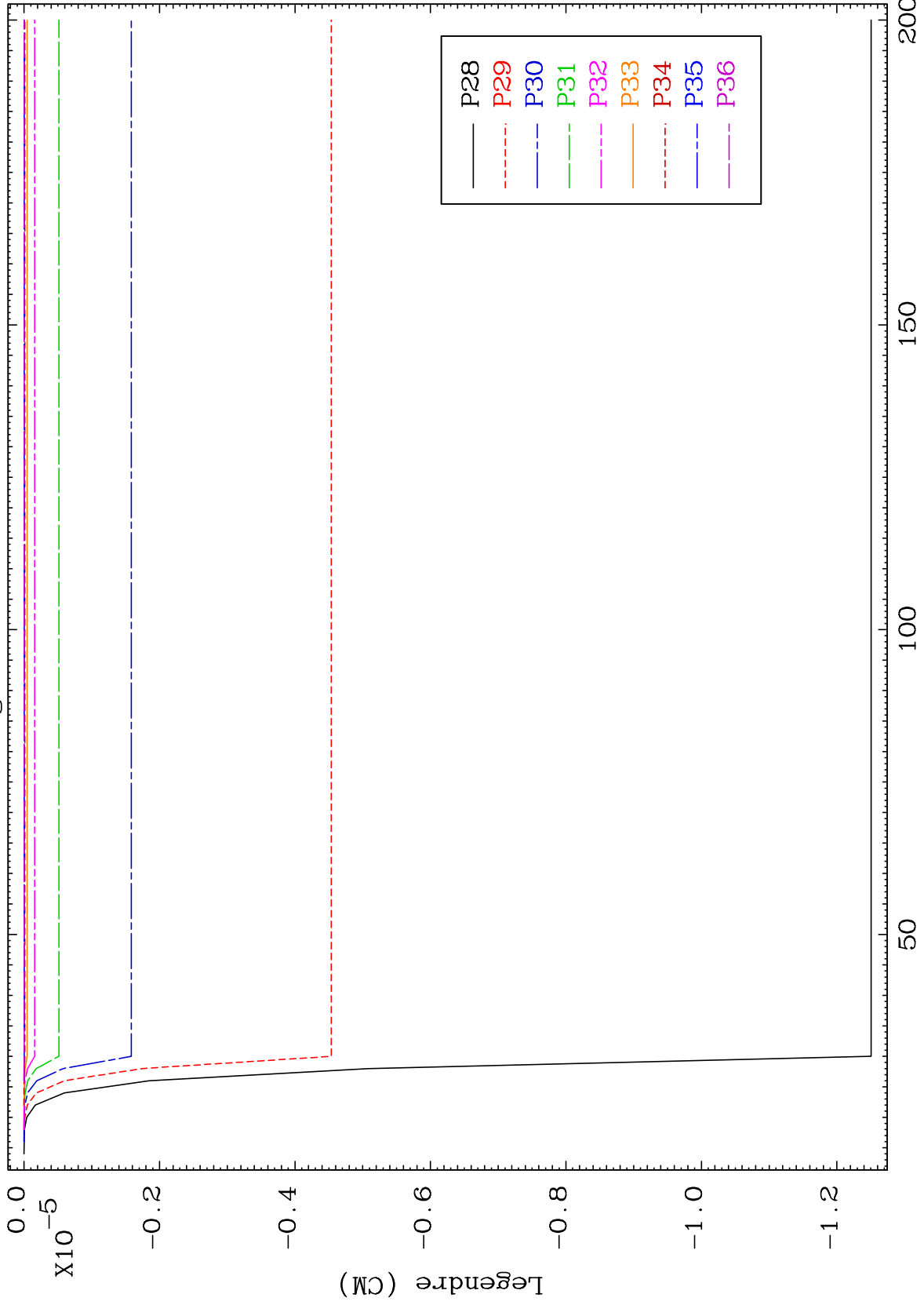
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161

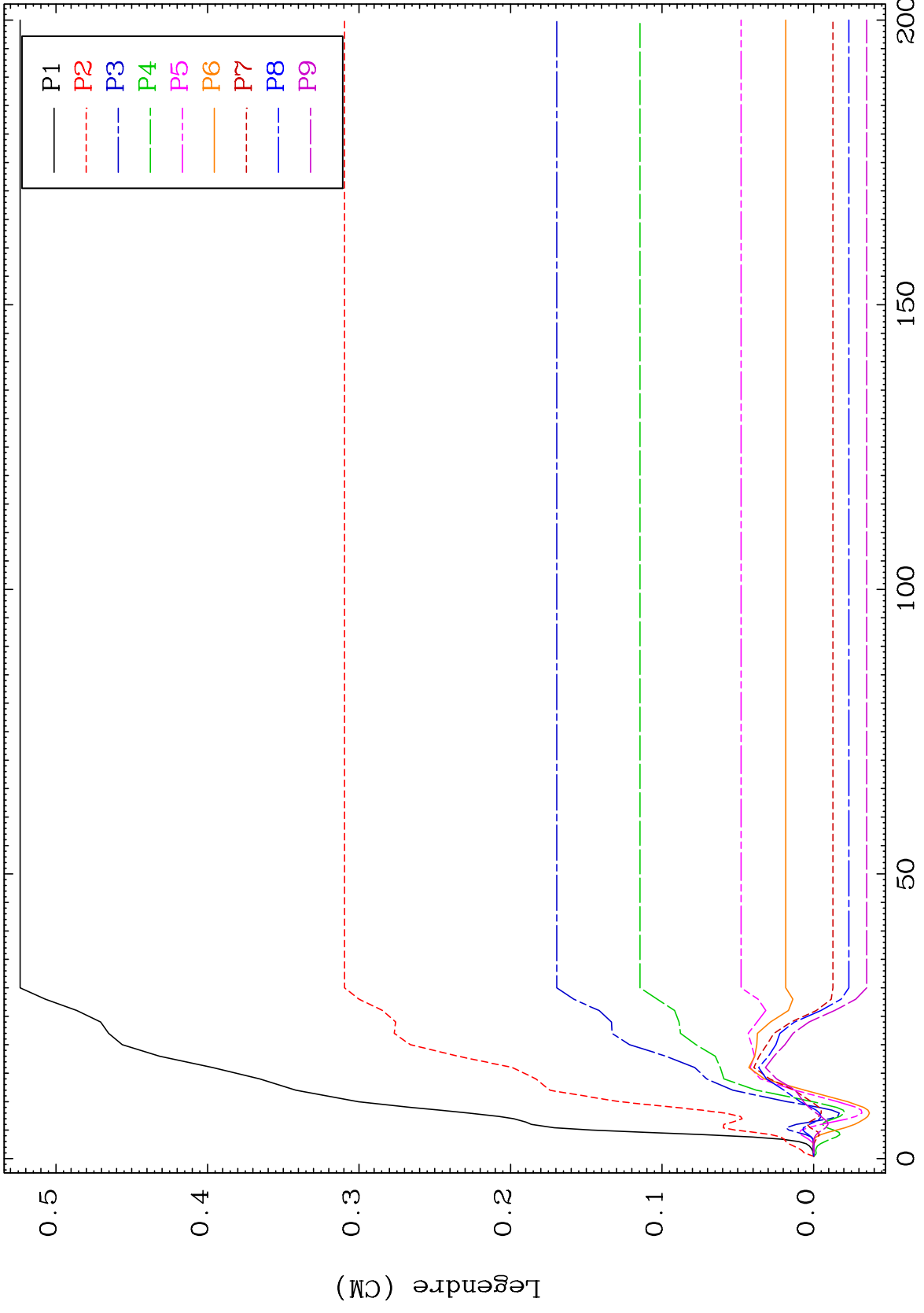


64-Gd-161

Incident Energy (MeV)

31

MAT 6452 MT= 54 (n,n') Level Legendre Coefficients 64-Gd-161

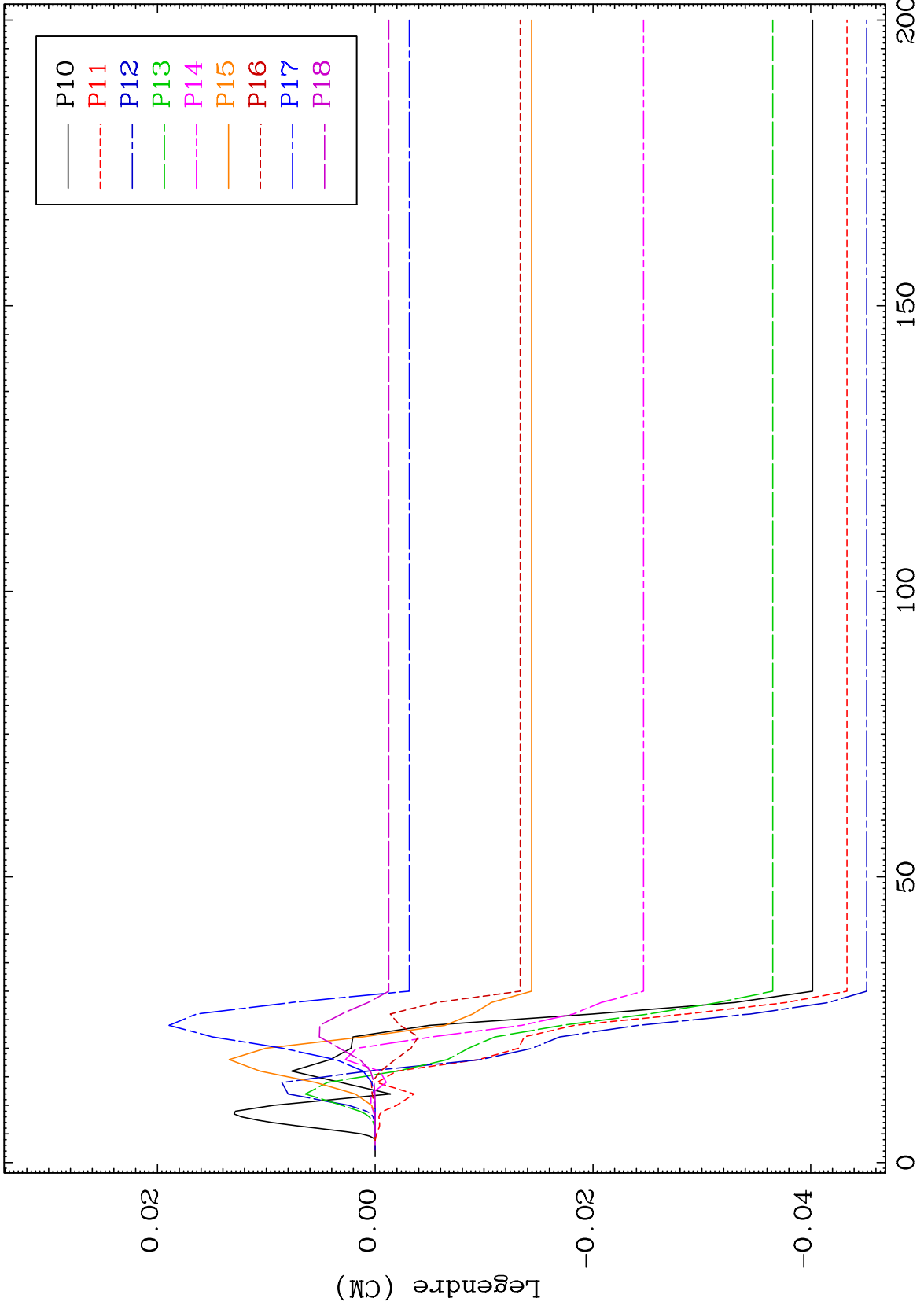


32 64-Gd-161

MAT 6452

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

64-Gd-161



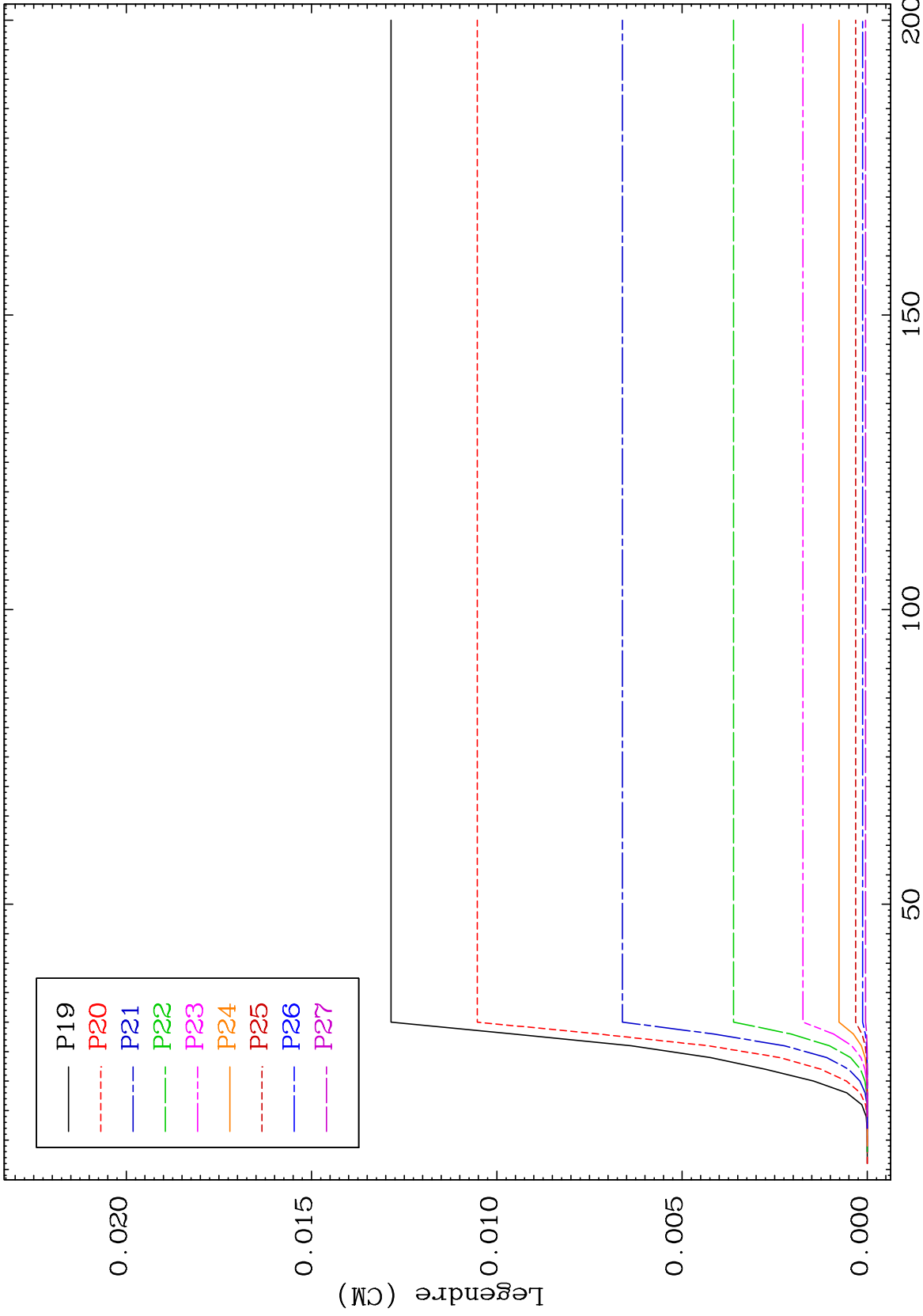
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64-Gd-161

MAT 6452

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

64-Gd-161



34

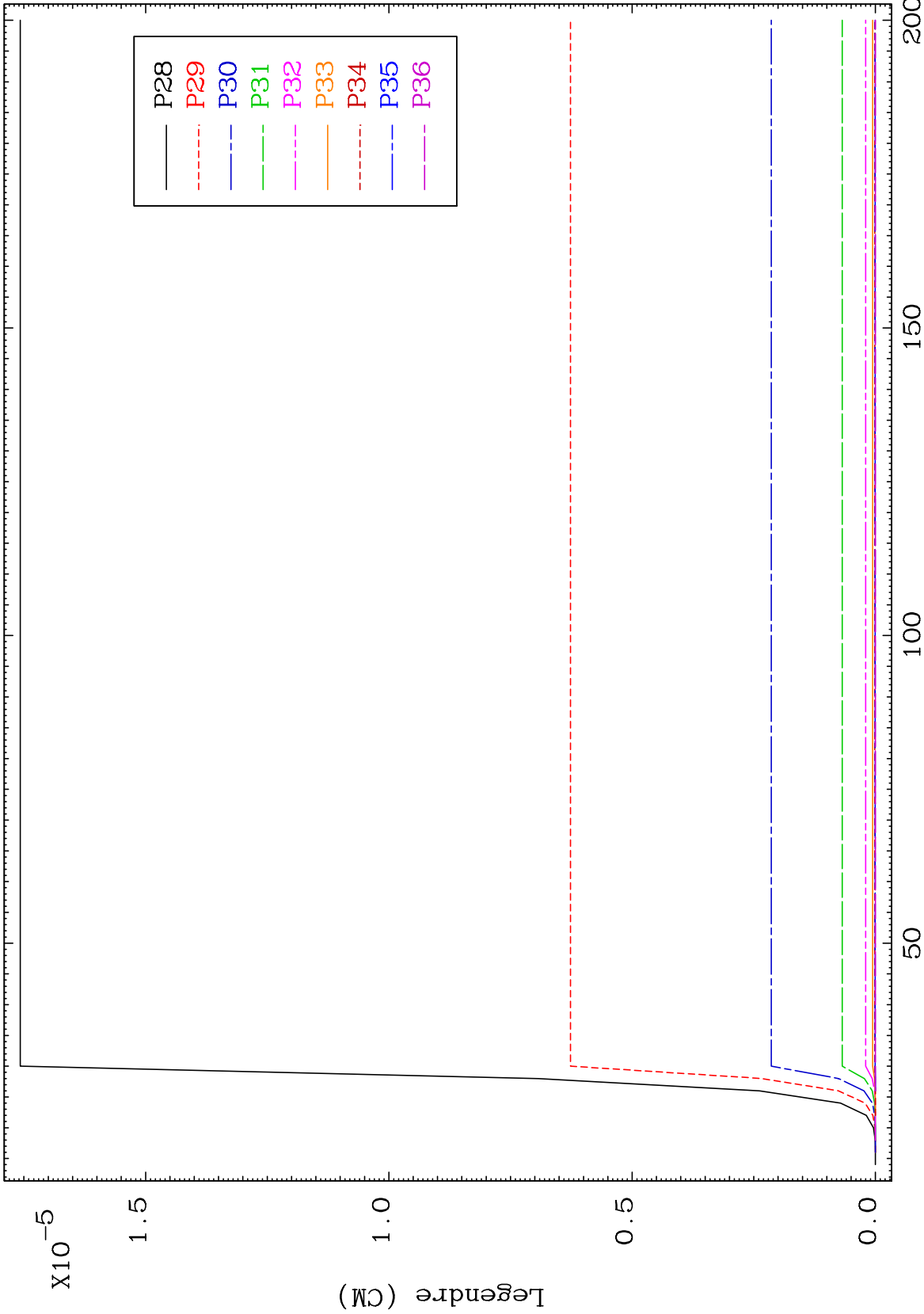
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161

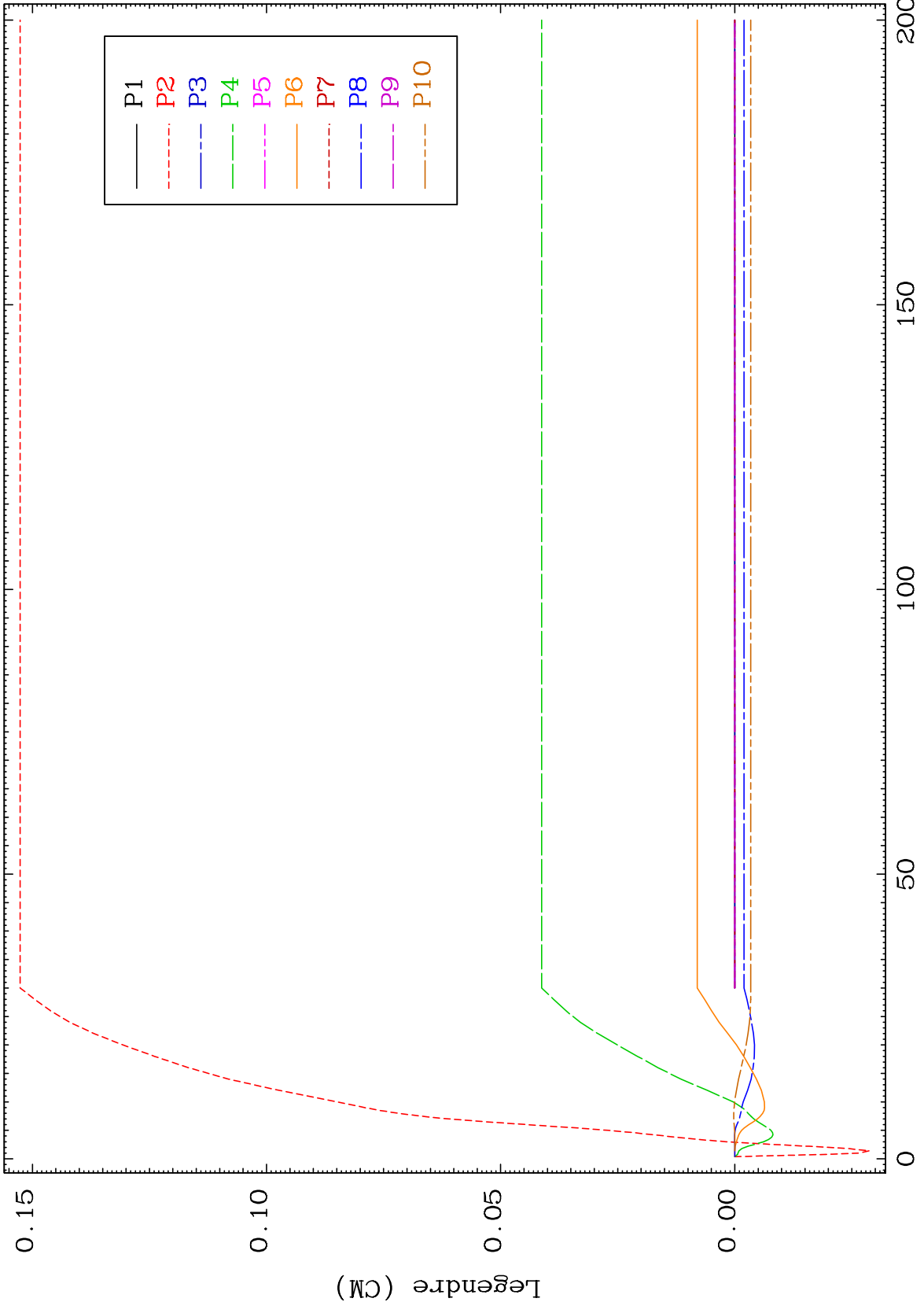


35

Incident Energy (MeV)

64-Gd-161

MAT 6452 MT= 55 (n,n') Level Legendre Coefficients 64-Gd-161

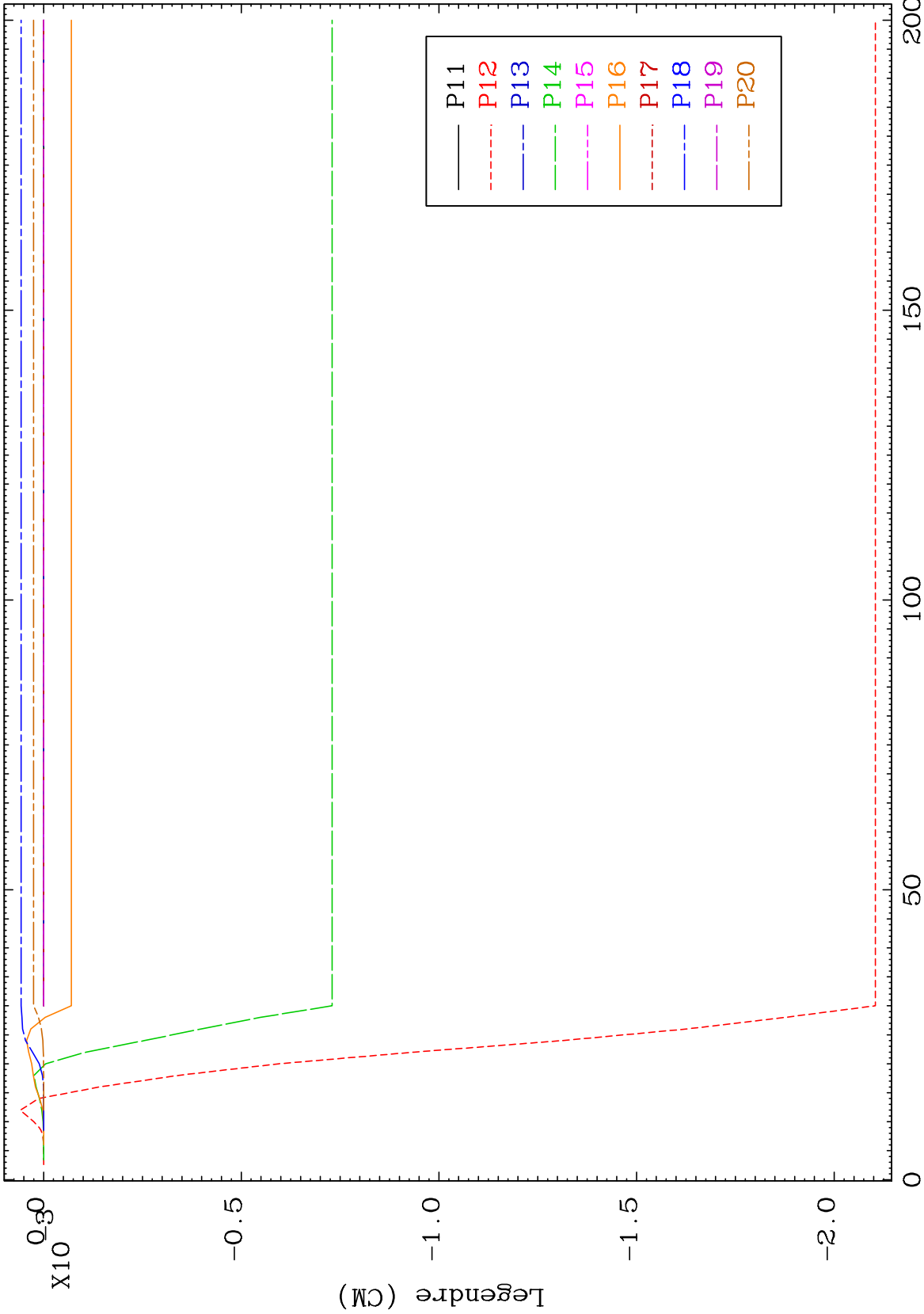


36 64-Gd-161

MAT 6452

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

64-Gd-161



37

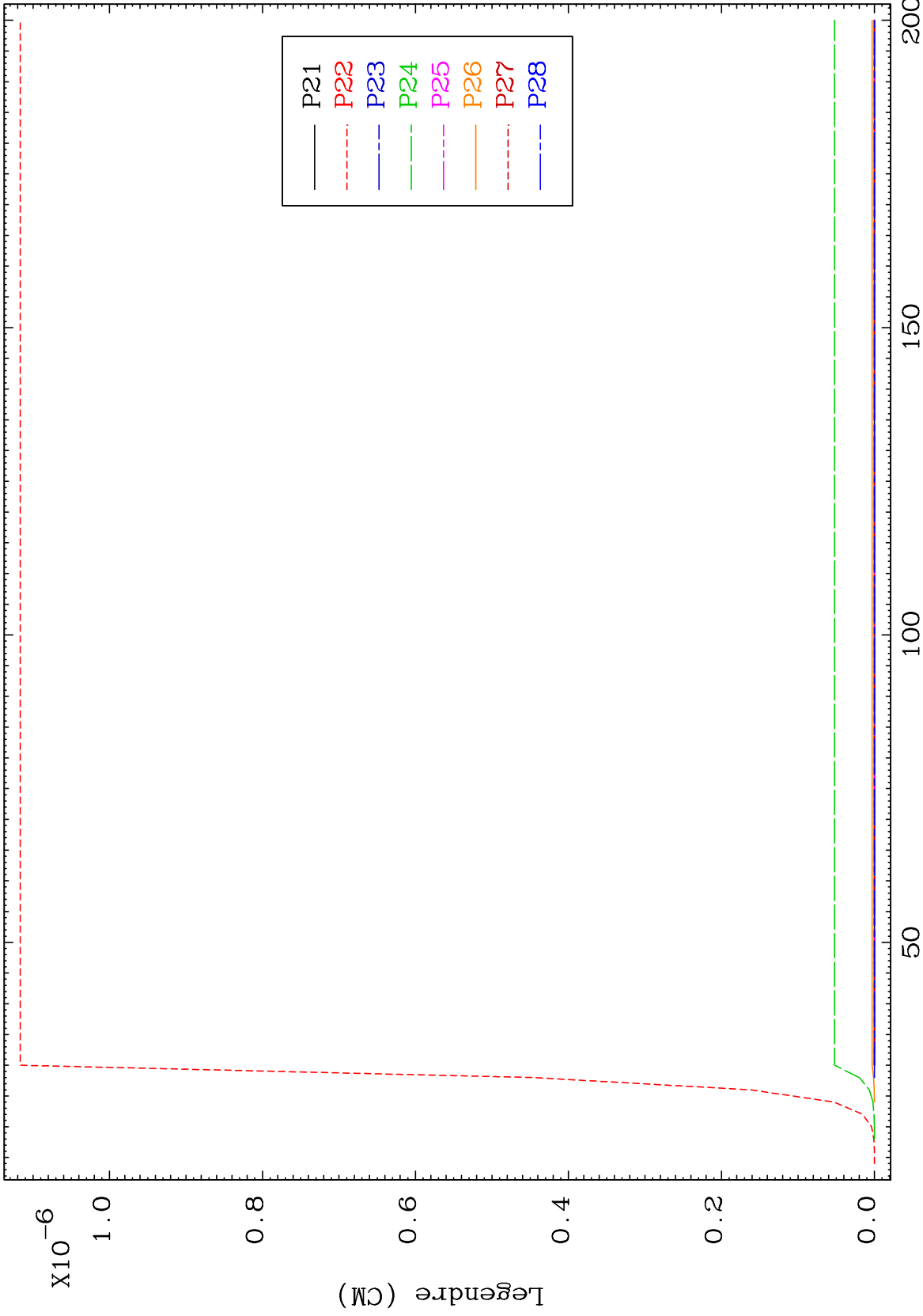
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161

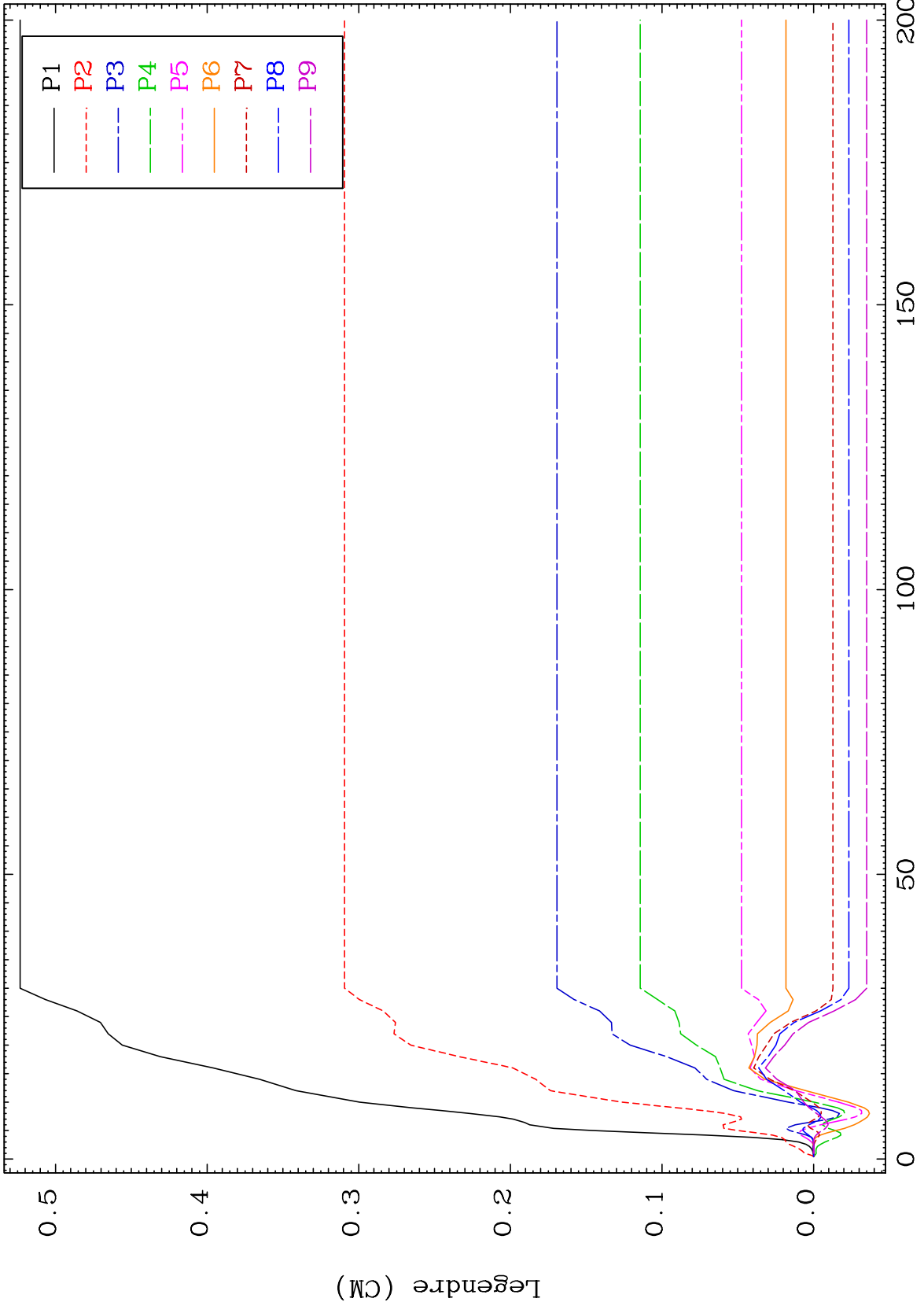


38

Incident Energy (MeV)

64-Gd-161

MAT 6452 MT= 56 (n,n') Level Legendre Coefficients 64-Gd-161

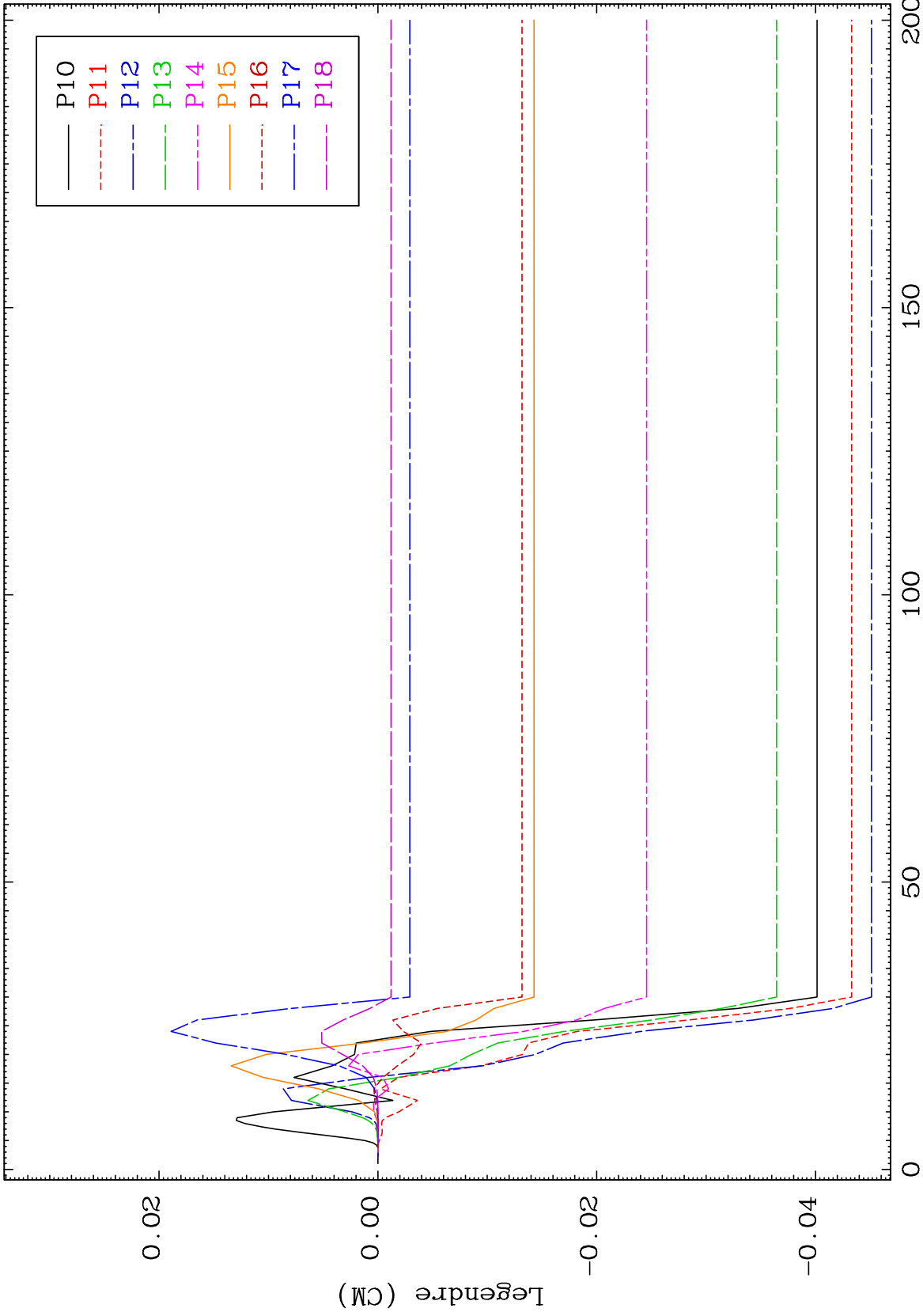


39 64-Gd-161

MAT 6452

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

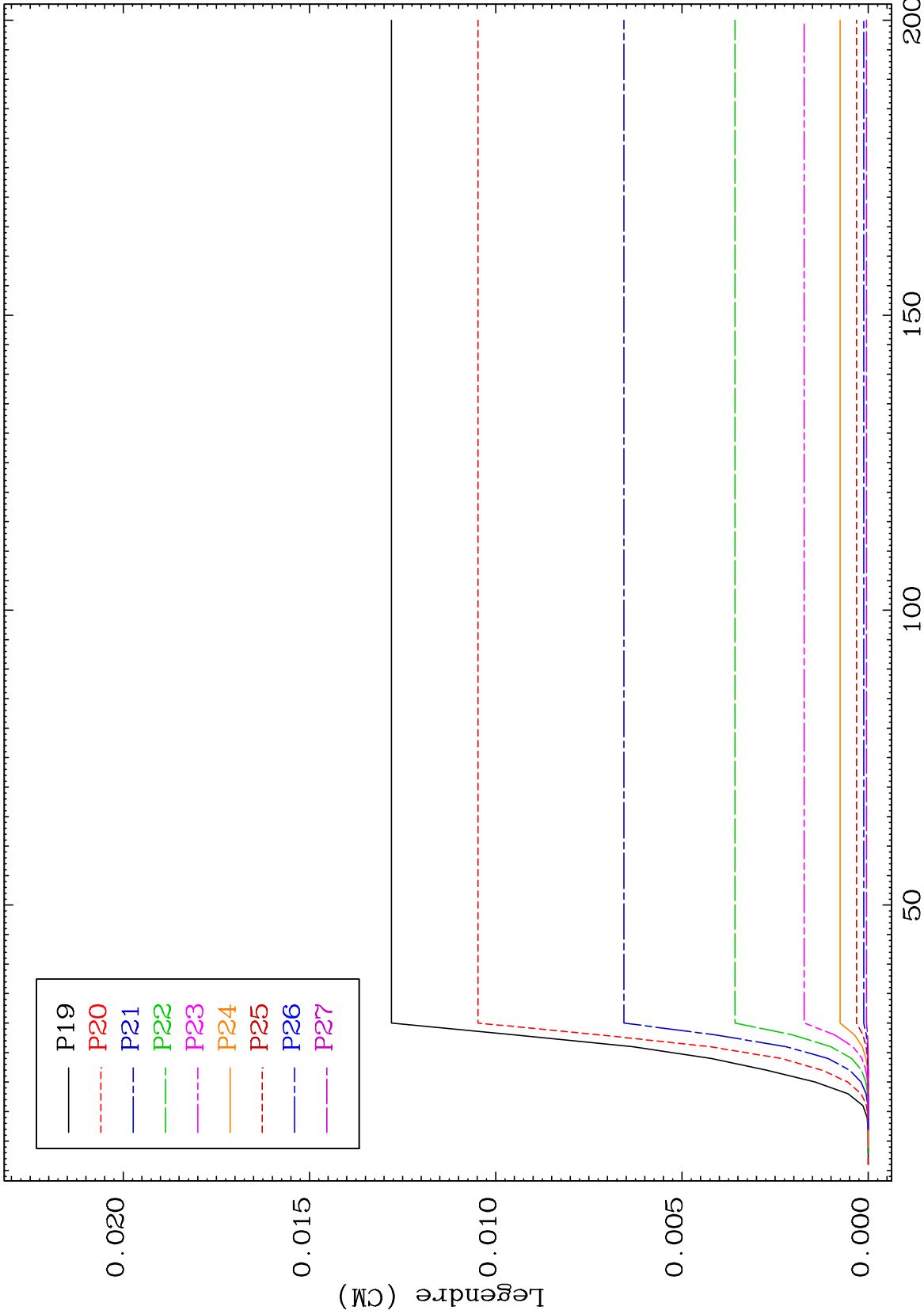
64-Gd-161



40

Incident Energy (MeV)

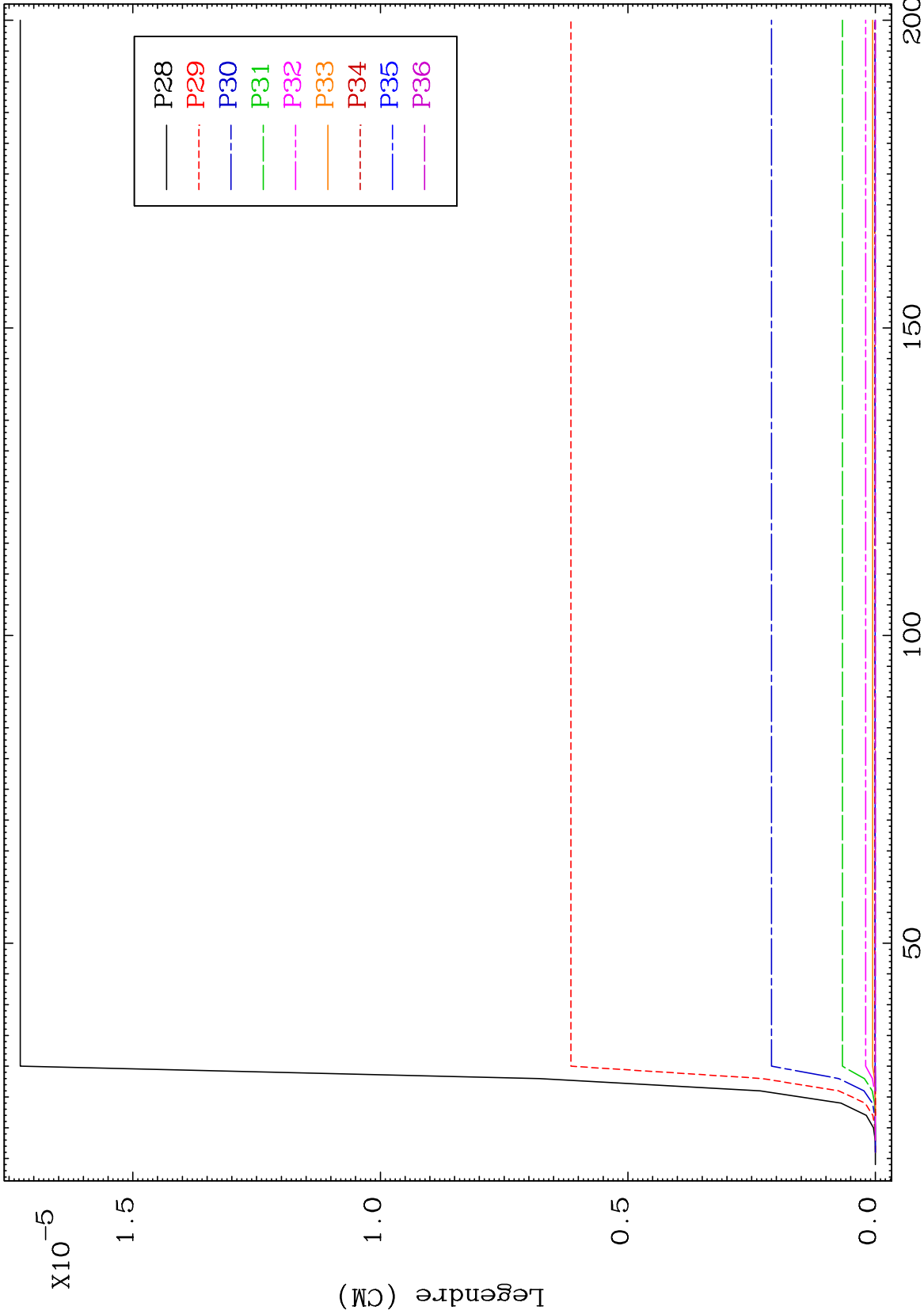
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MAT 6452

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

64-Gd-161



42

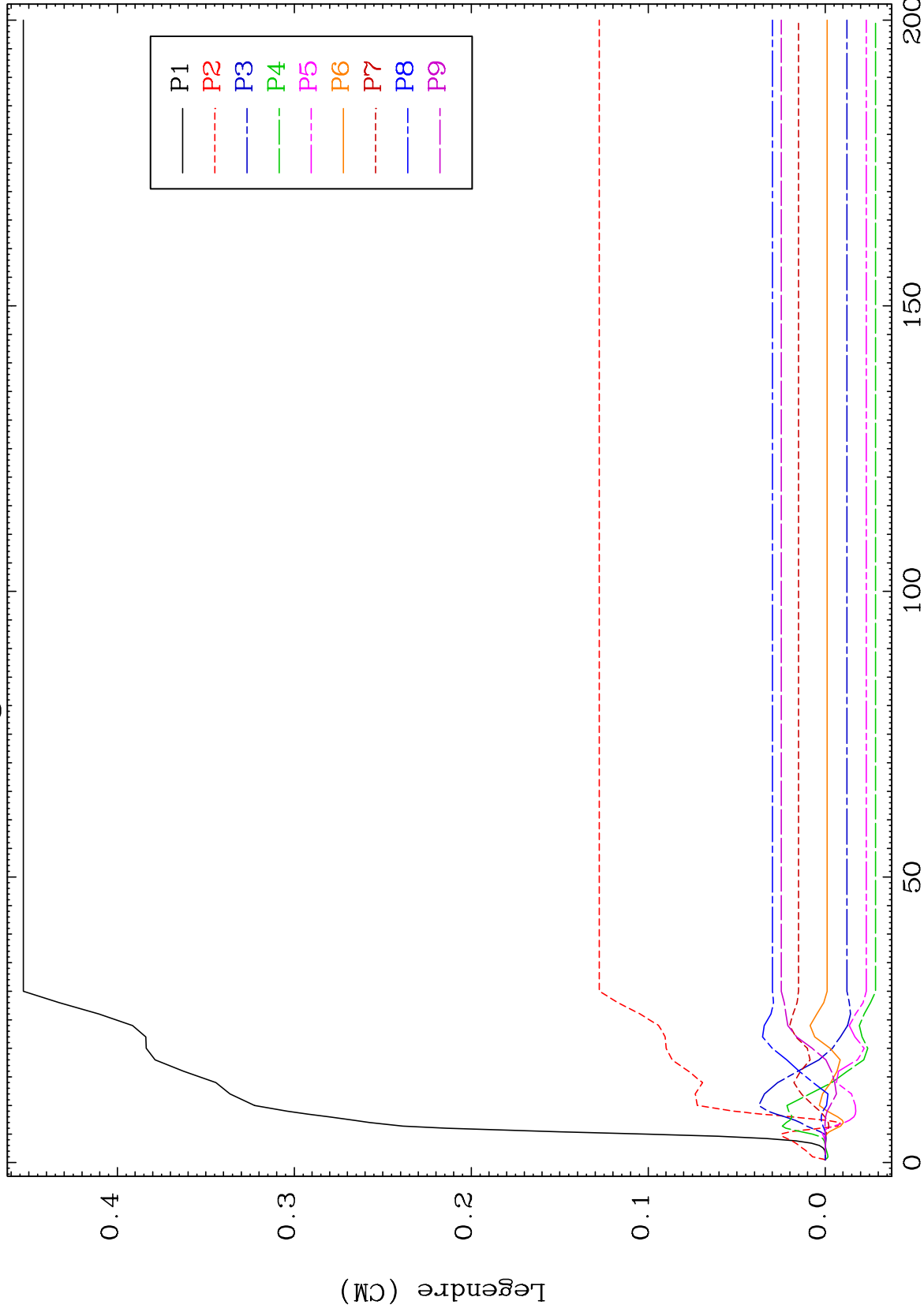
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



43

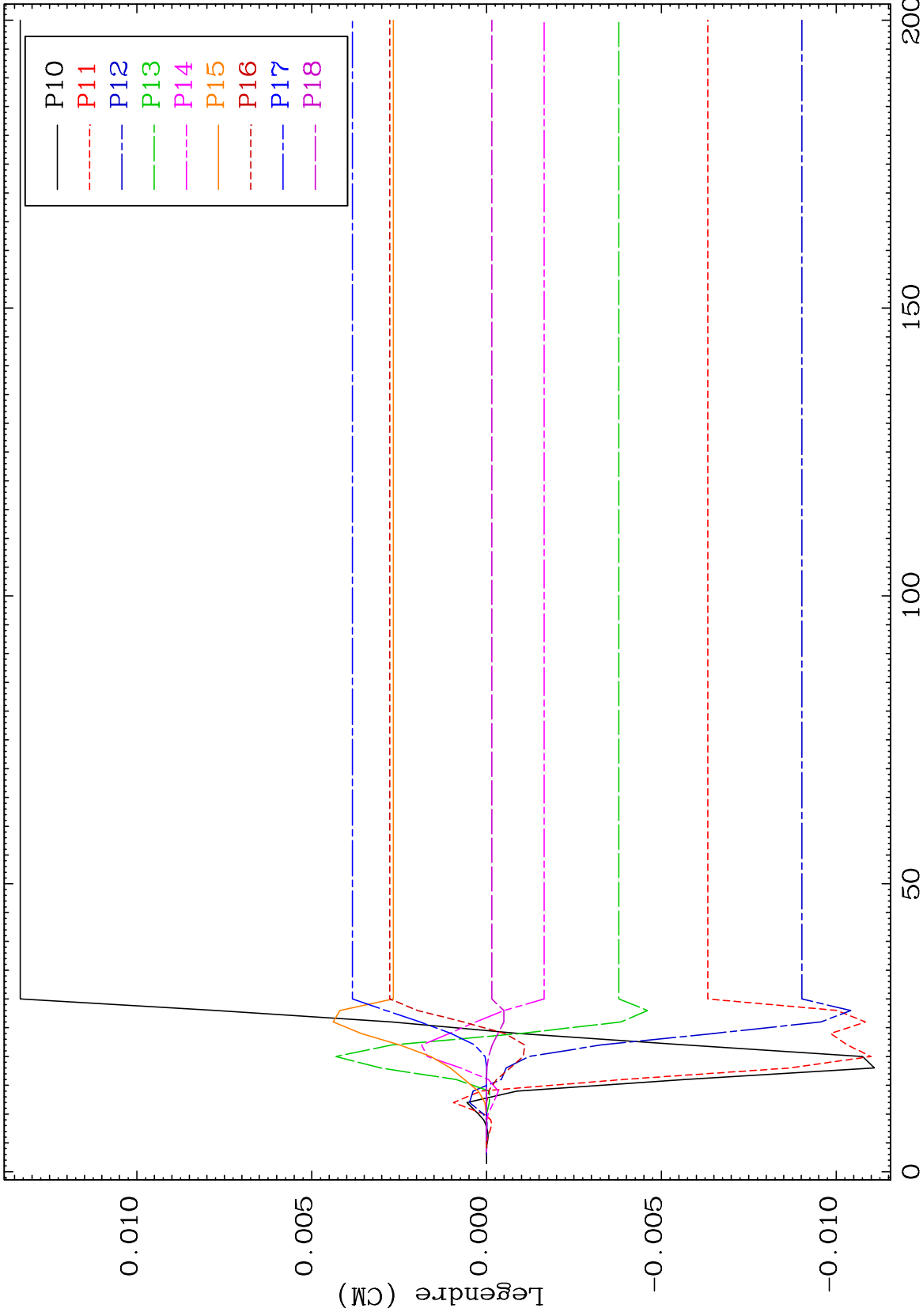
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



44

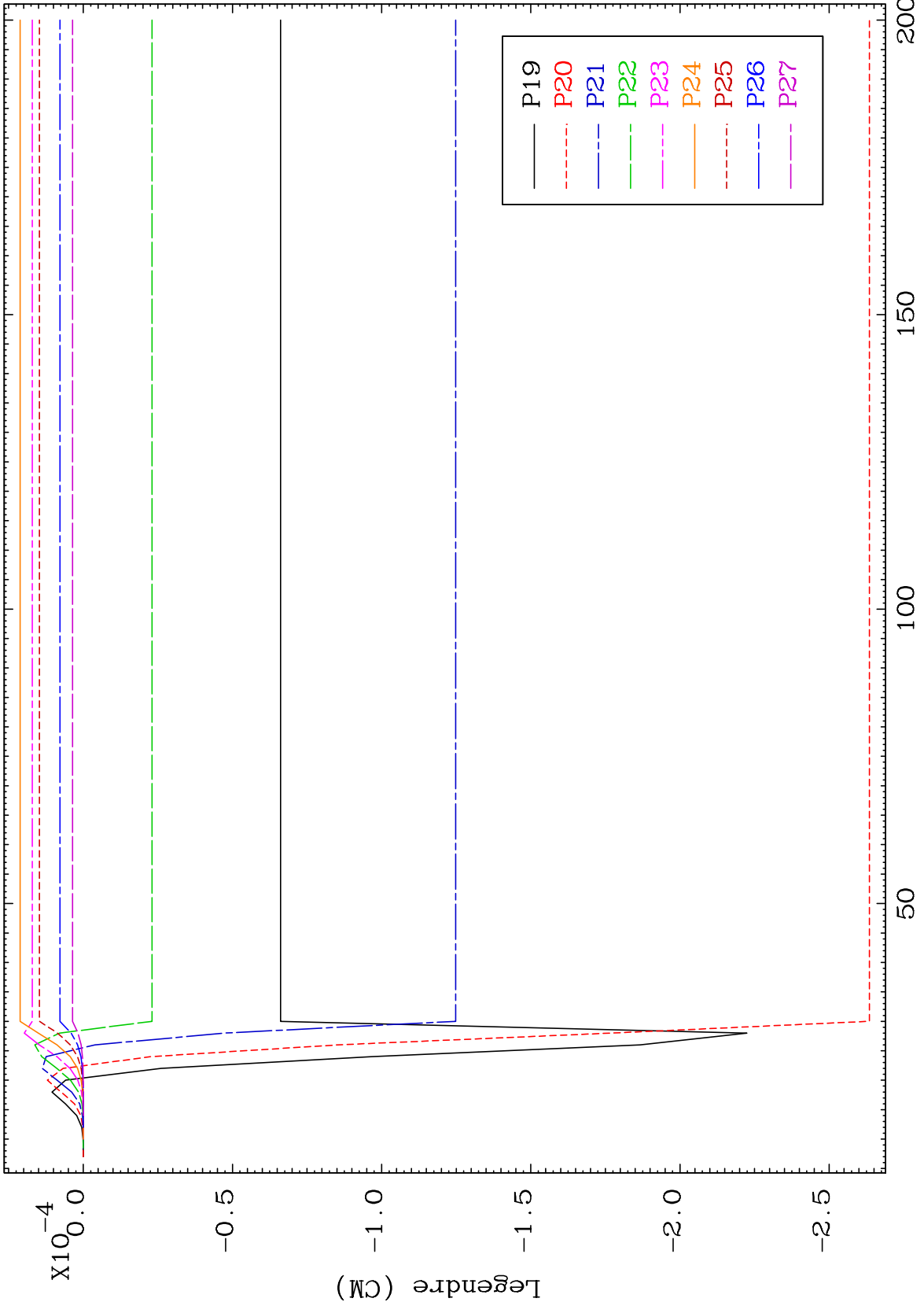
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



45

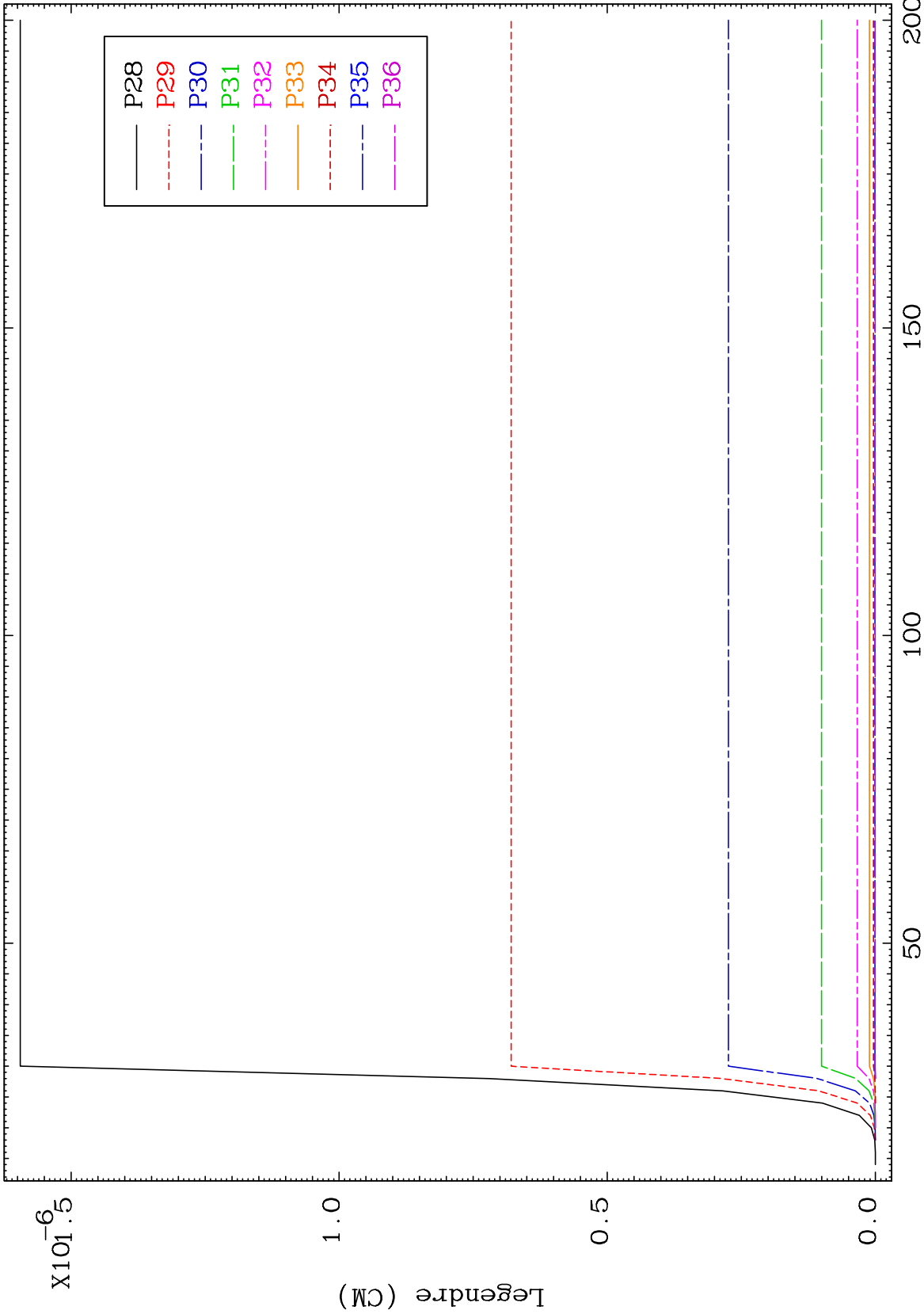
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161

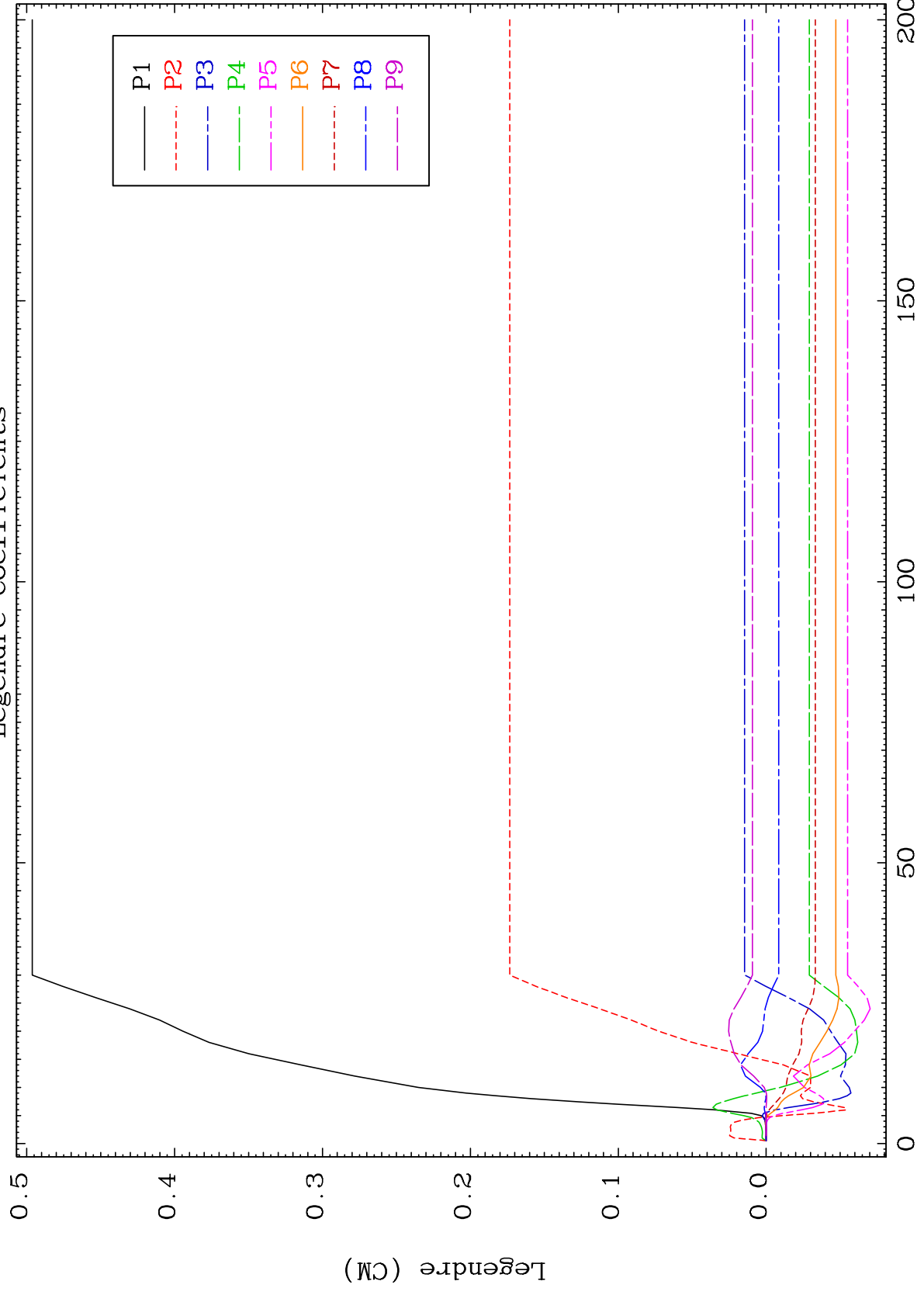


46

Incident Energy (MeV)

64-Gd-161

MAT 6452 MT= 58 (n,n') Level Legendre Coefficients 64-Gd-161

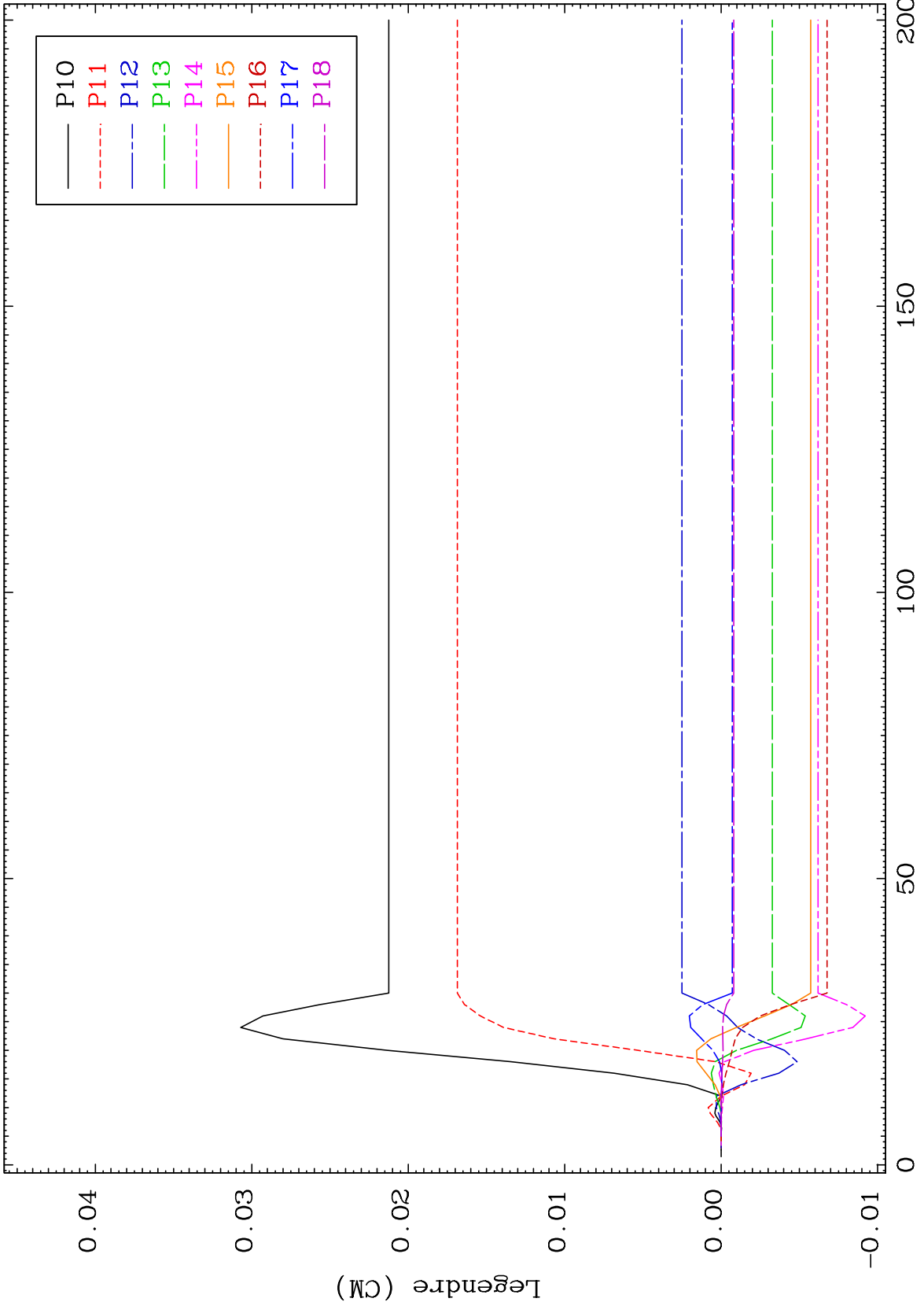


47 64-Gd-161

MAT 6452

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

64-Gd-161



48

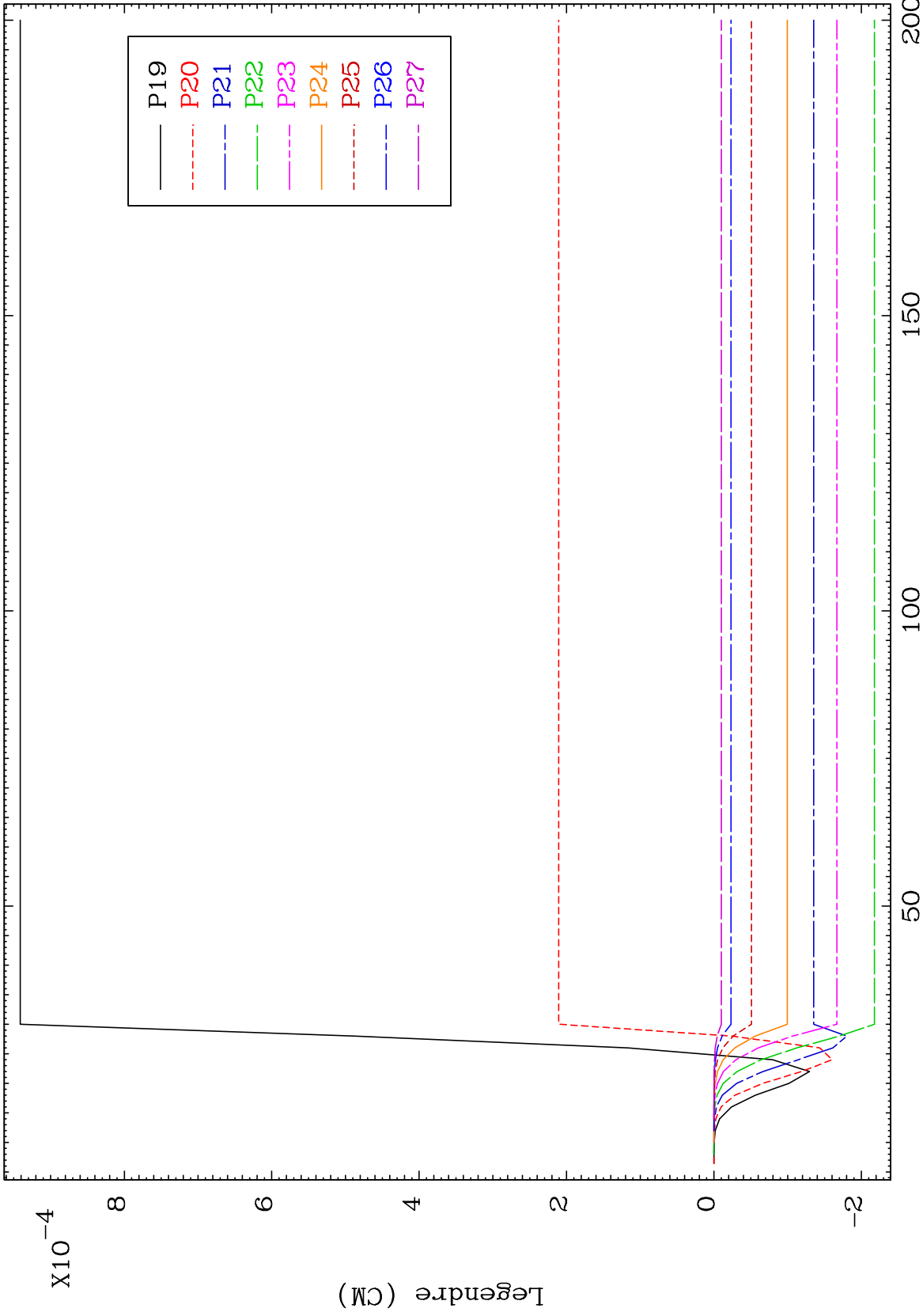
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



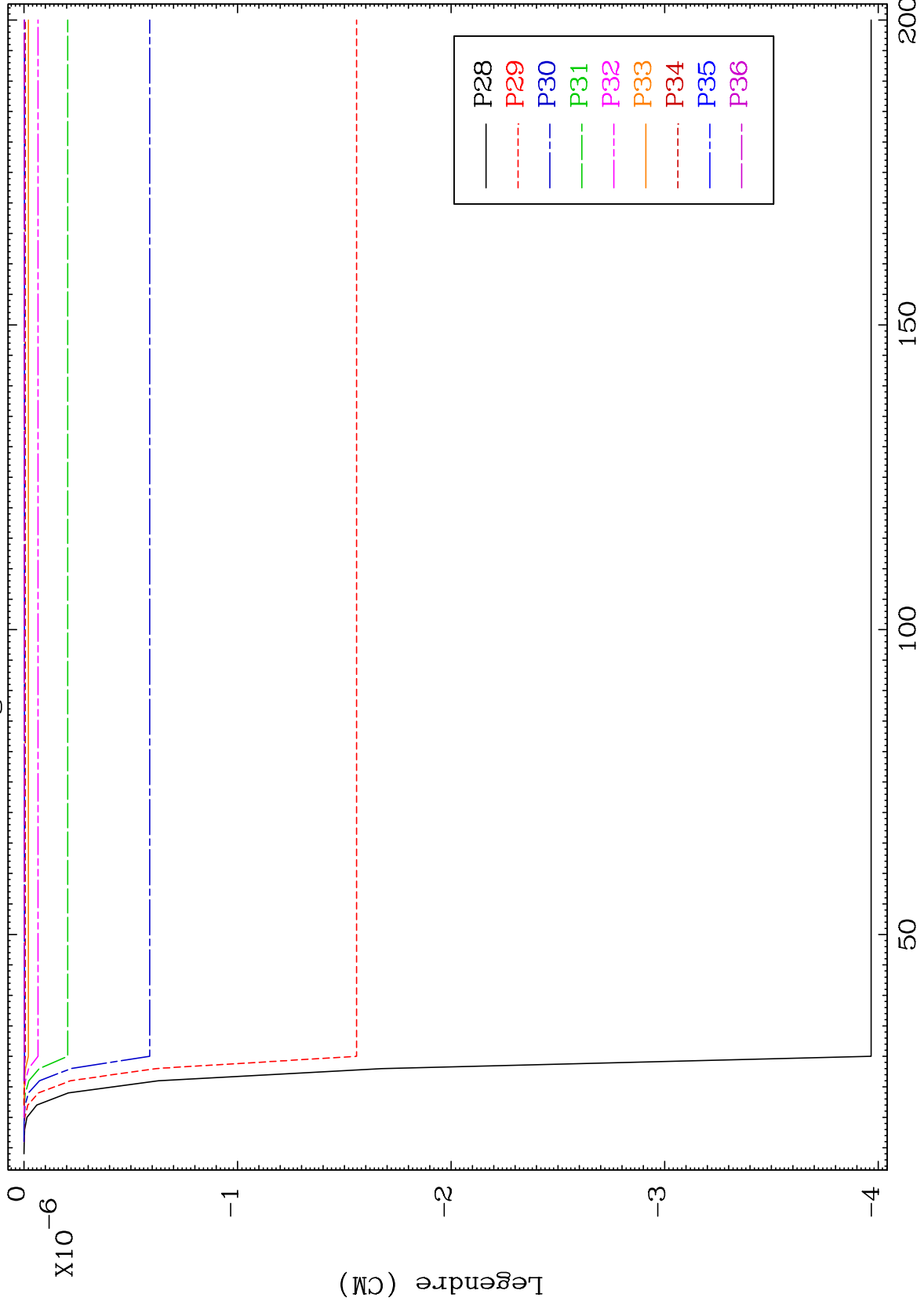
49

64-Gd-161

MAT 6452

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

64-Gd-161



50

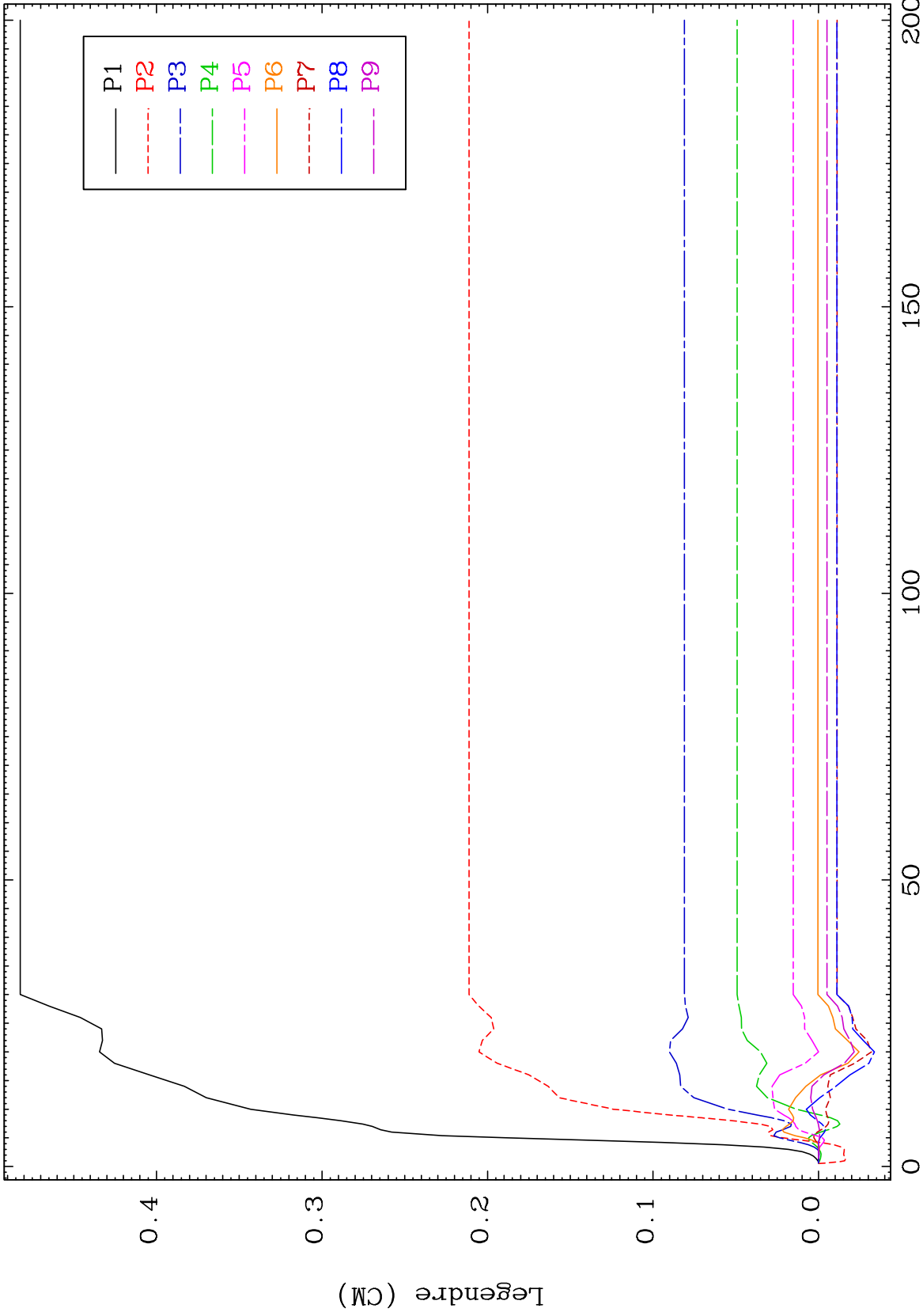
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



51

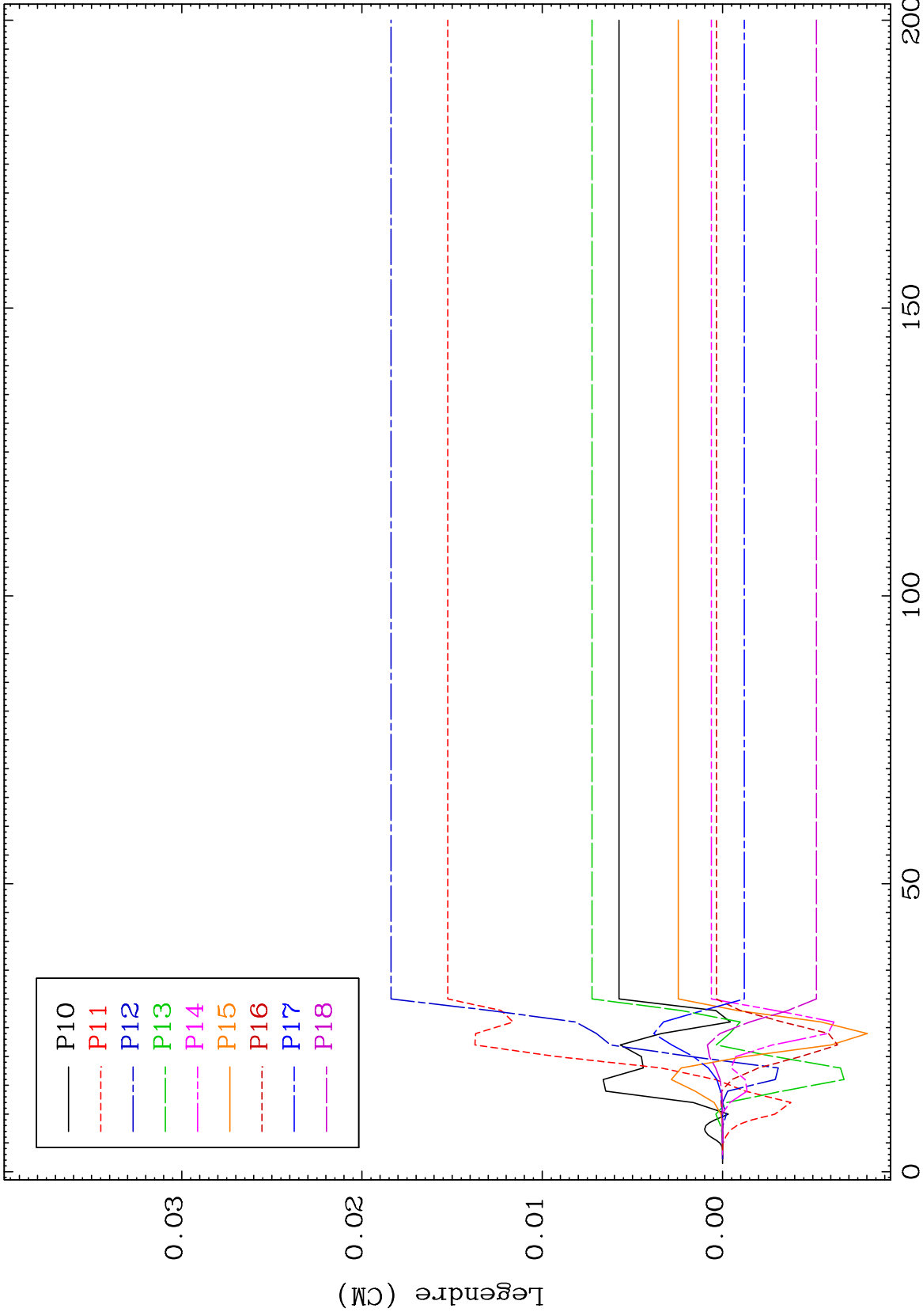
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



52

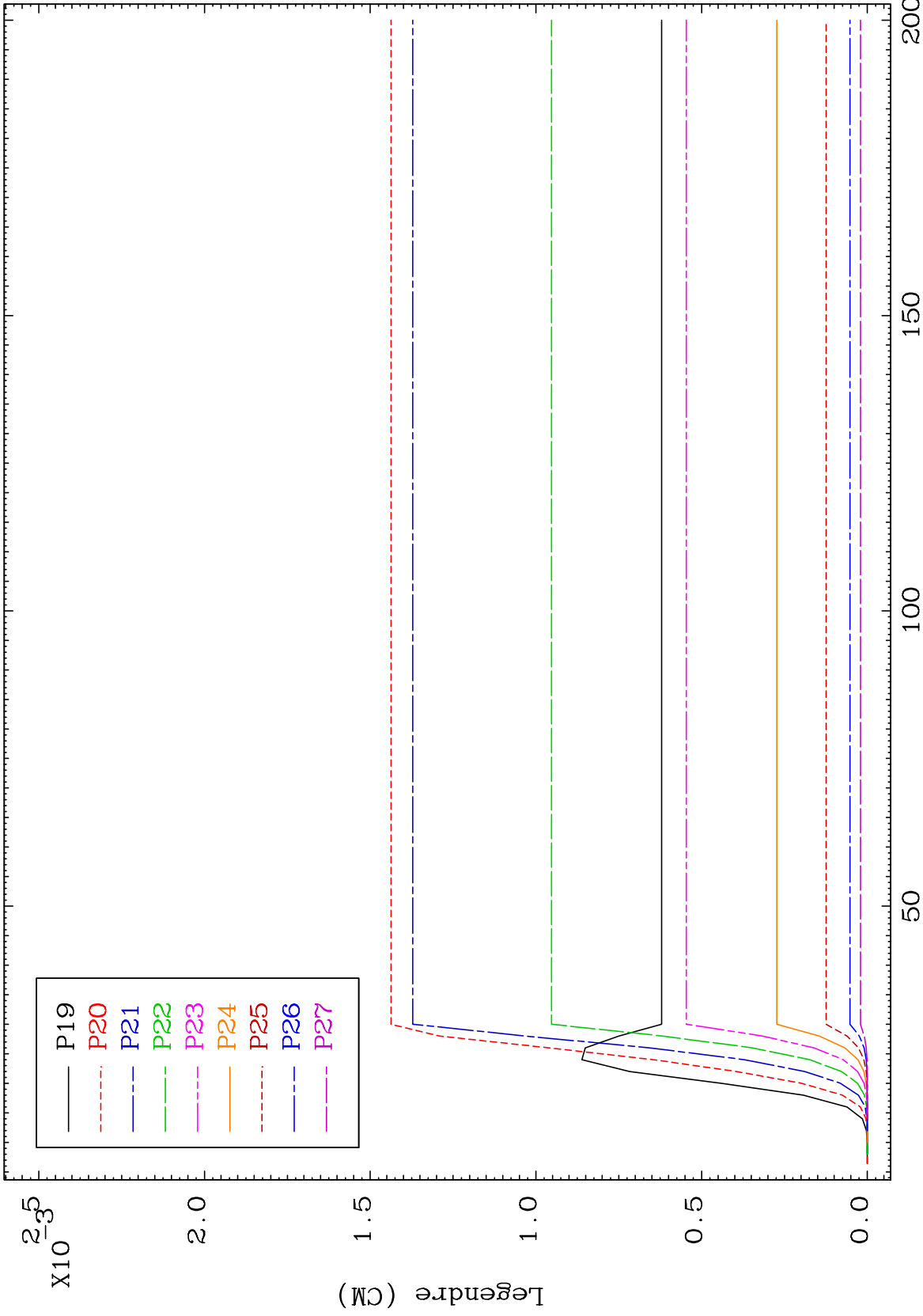
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



53

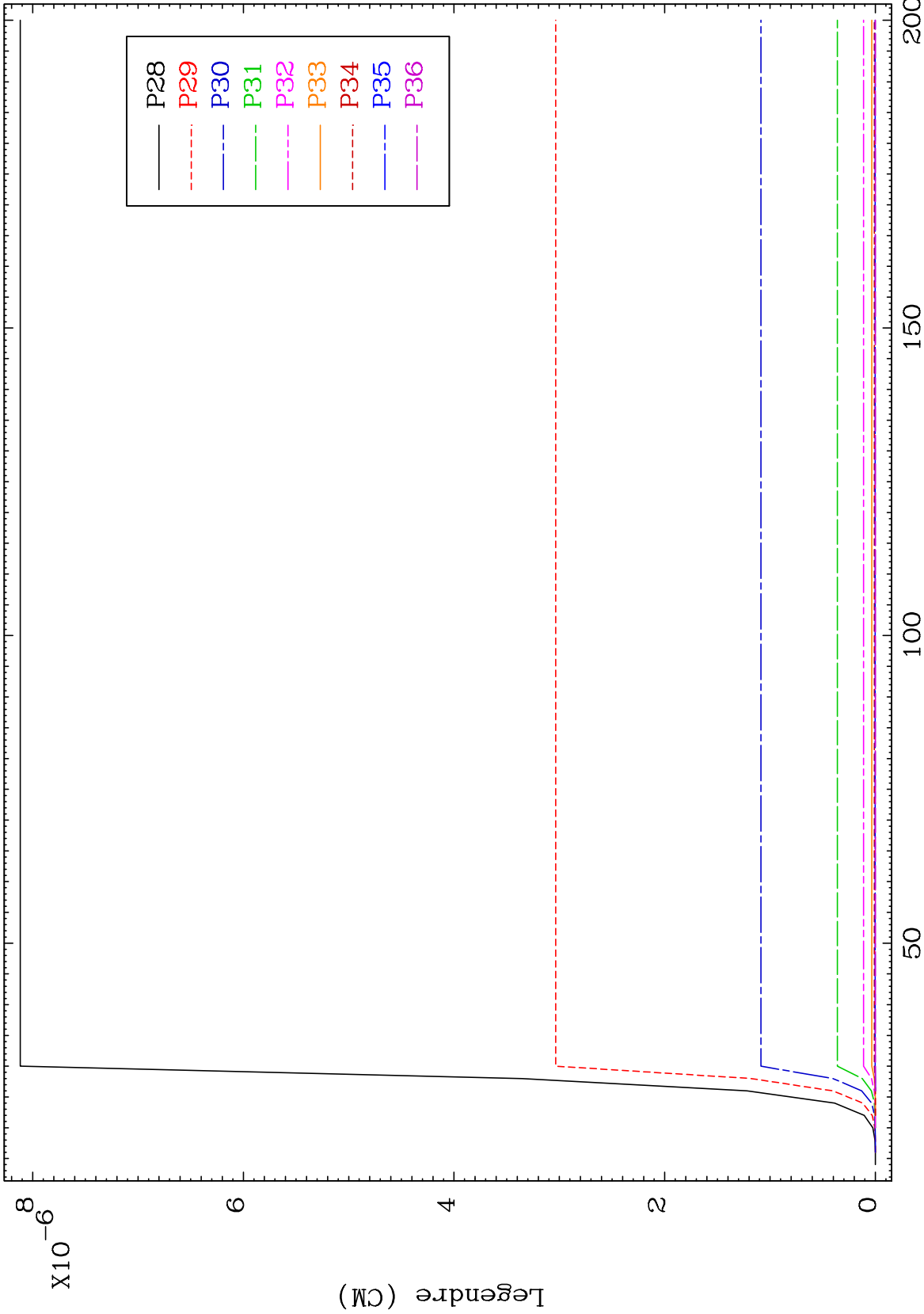
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161

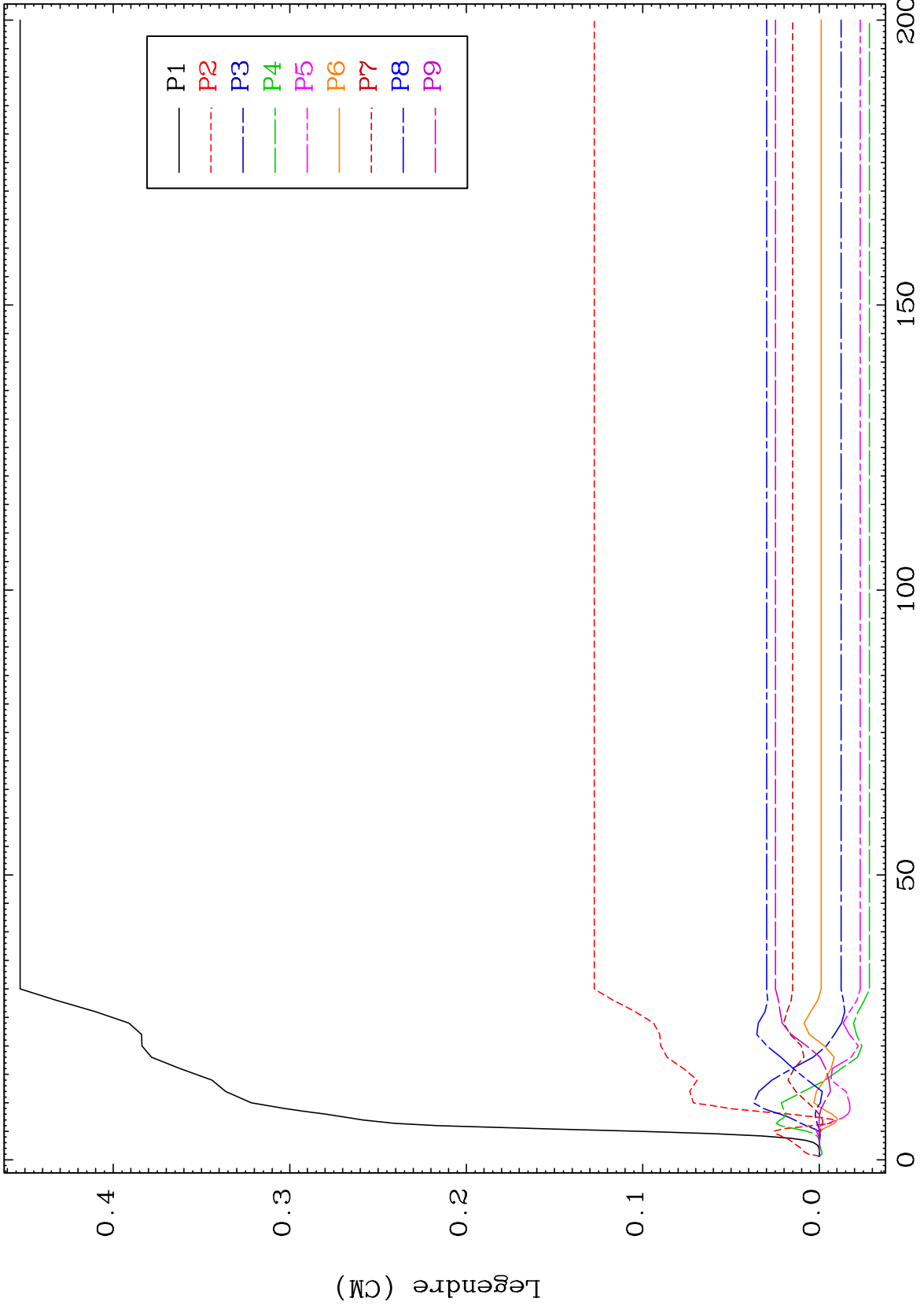


54

64-Gd-161

64-Gd-161

MAT 6452 MT= 60 (n,n') Level Legendre Coefficients 64-Gd-161

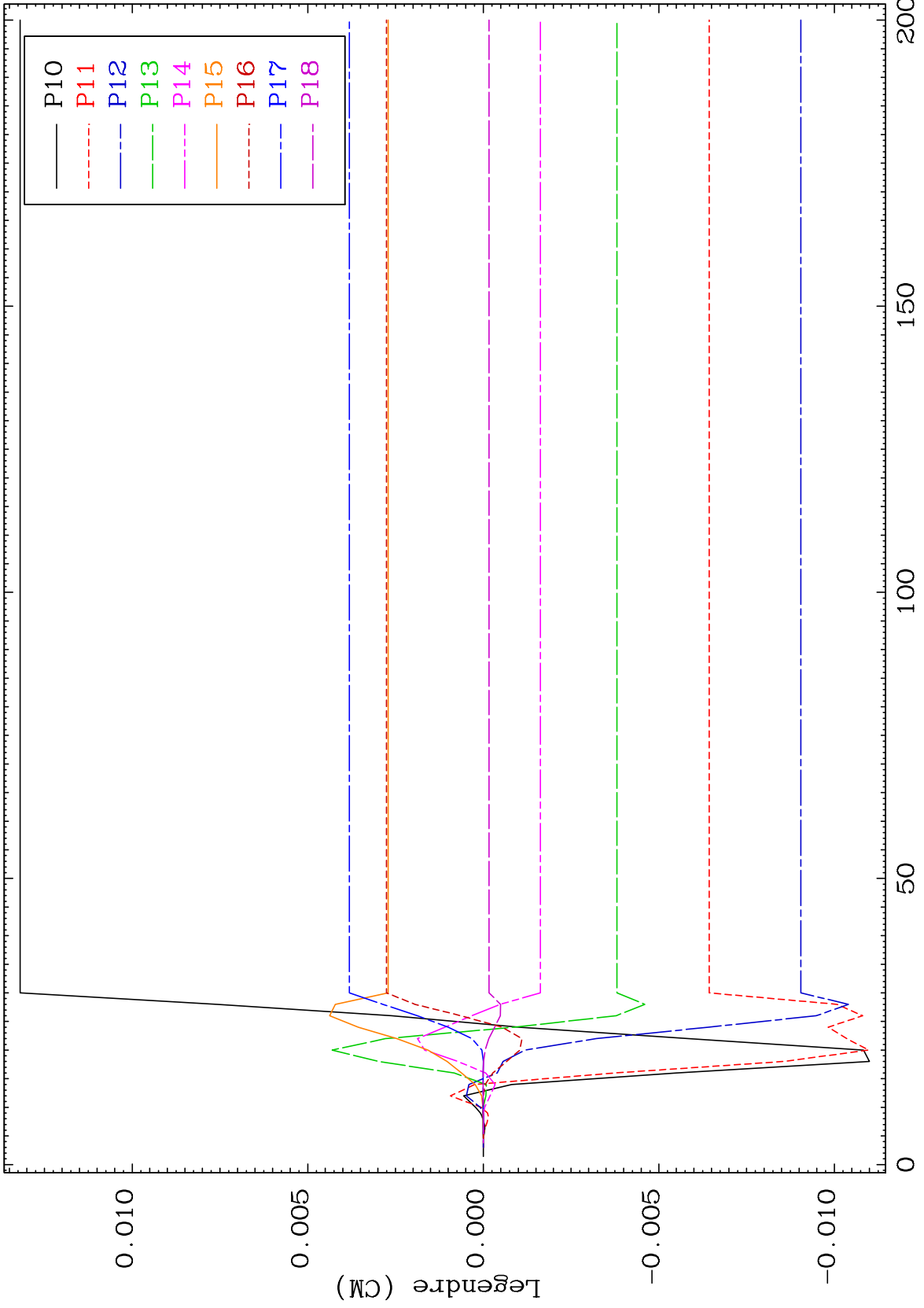


64-Gd-161 Incident Energy (MeV)

MAT 6452

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

64-Gd-161



56

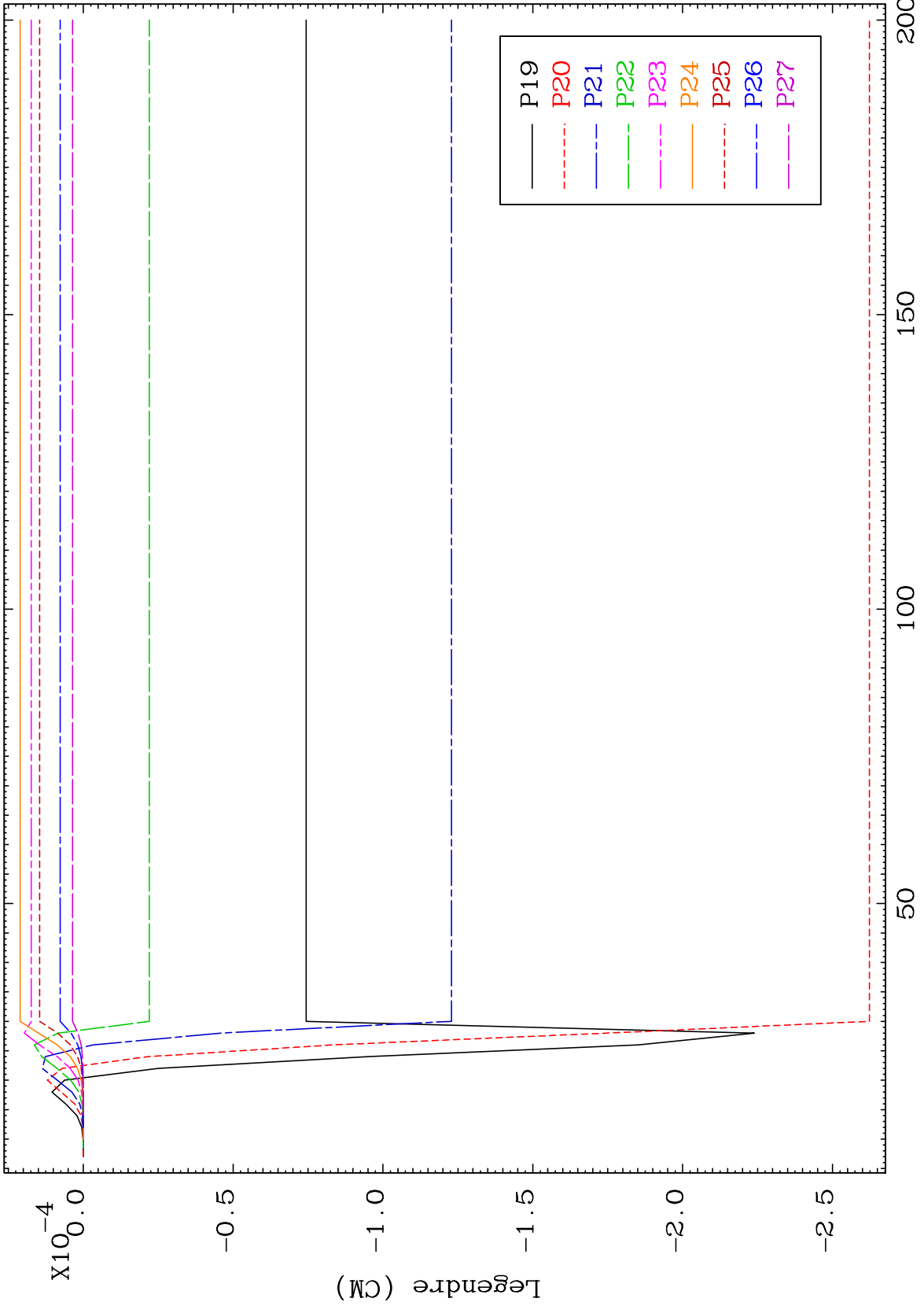
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



57

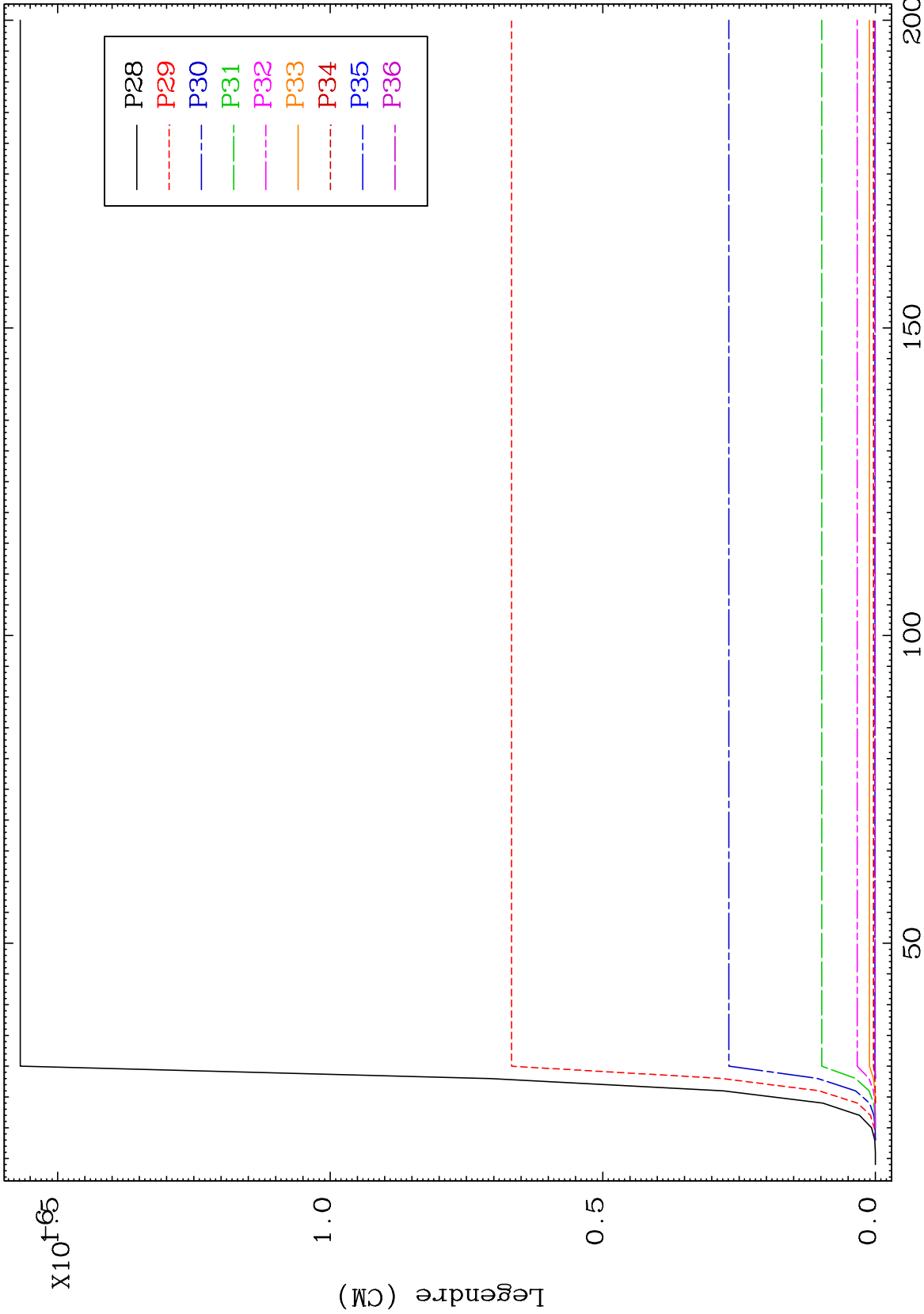
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



58

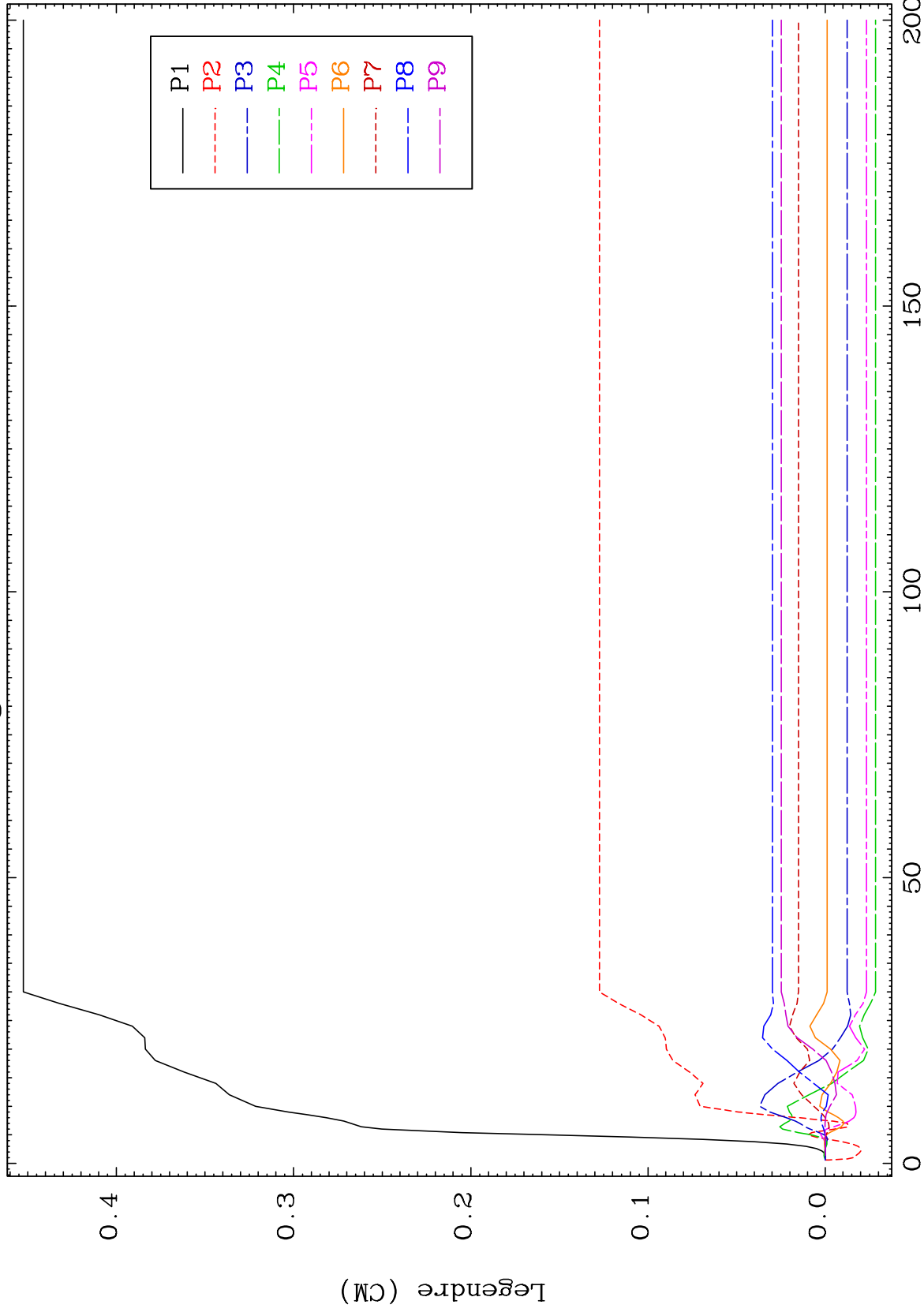
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



59

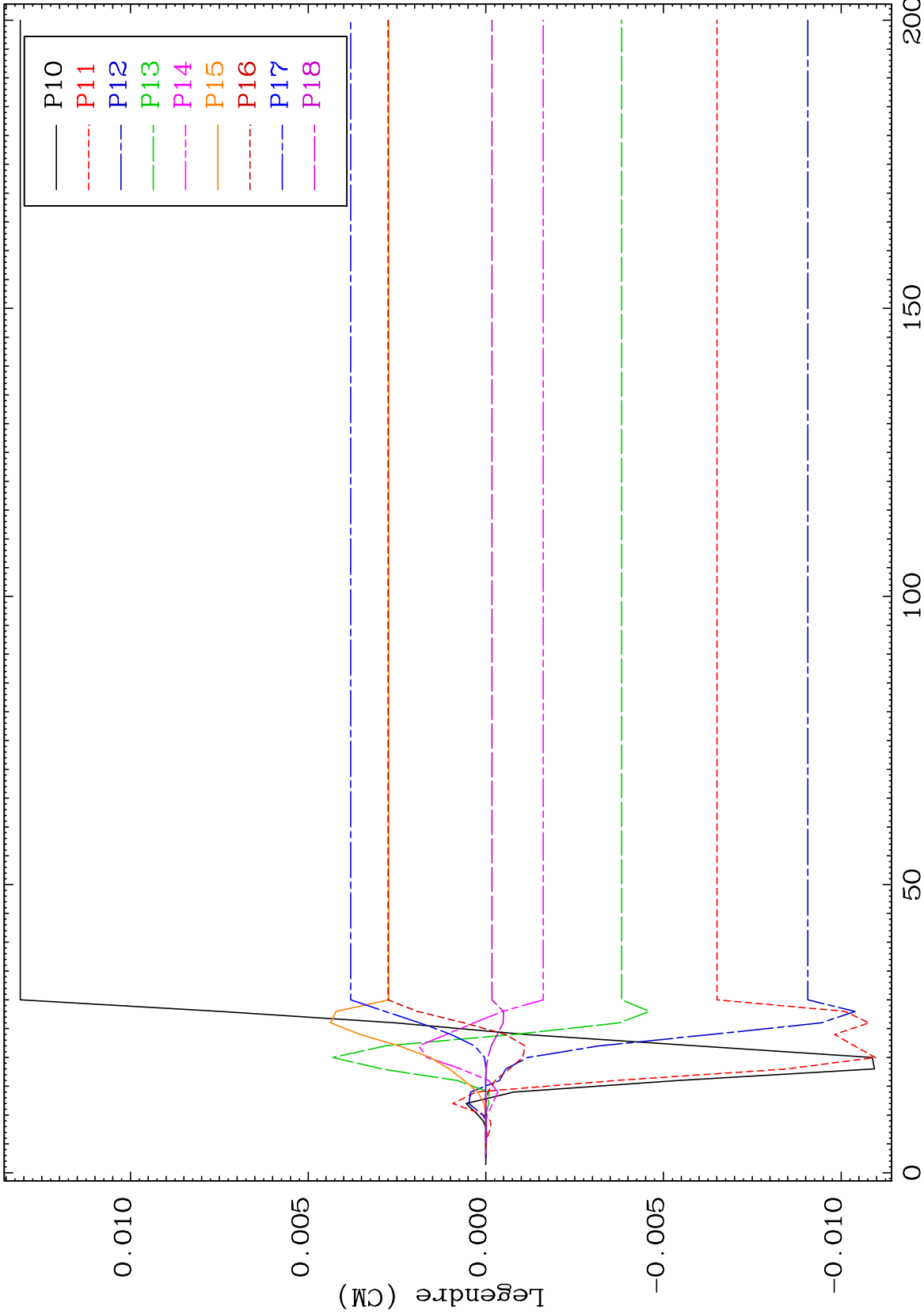
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161

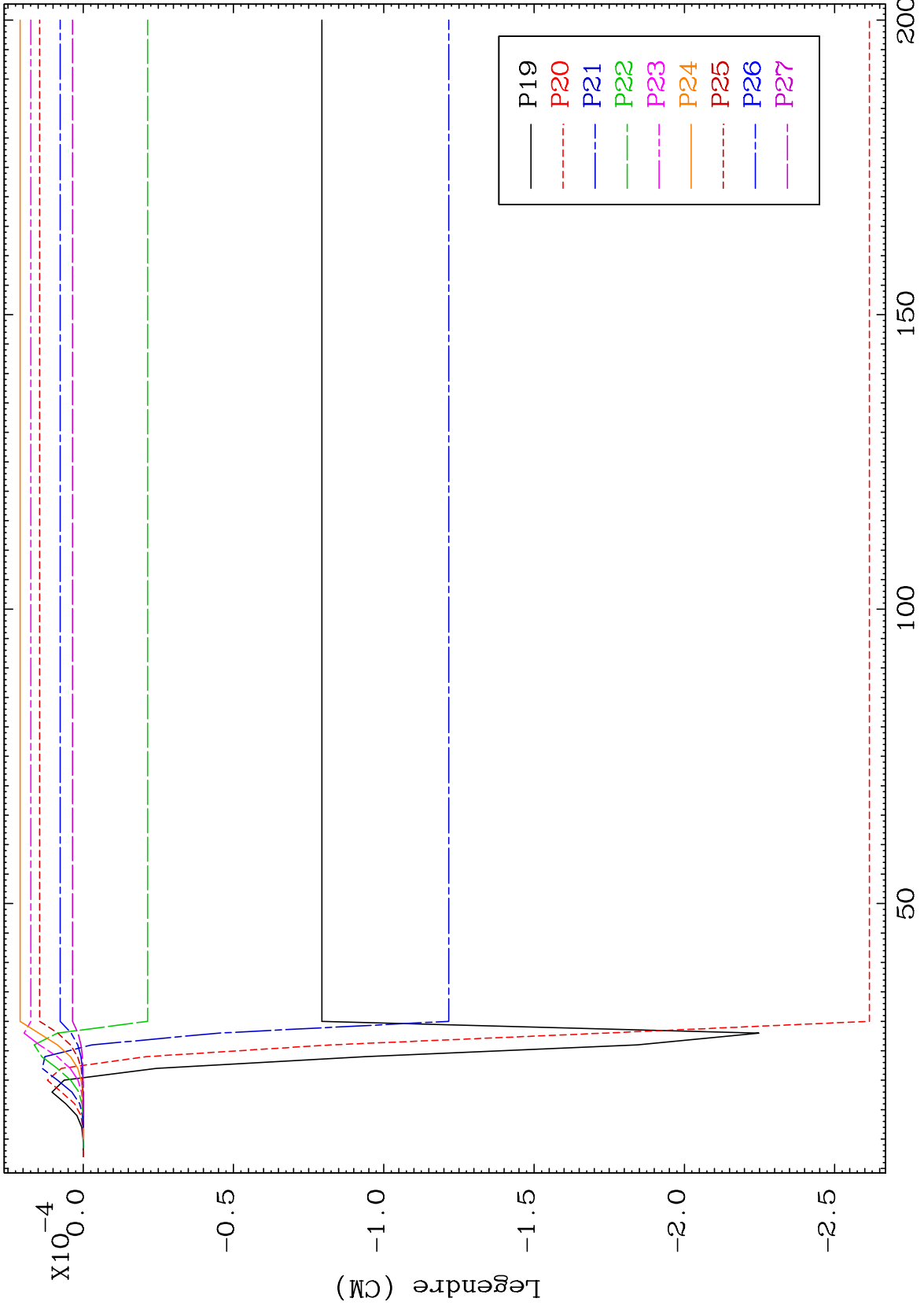


64-Gd-161

Incident Energy (MeV)

60

MAT 6452 MT= 61 (n,n') Level Legendre Coefficients 64-Gd-161

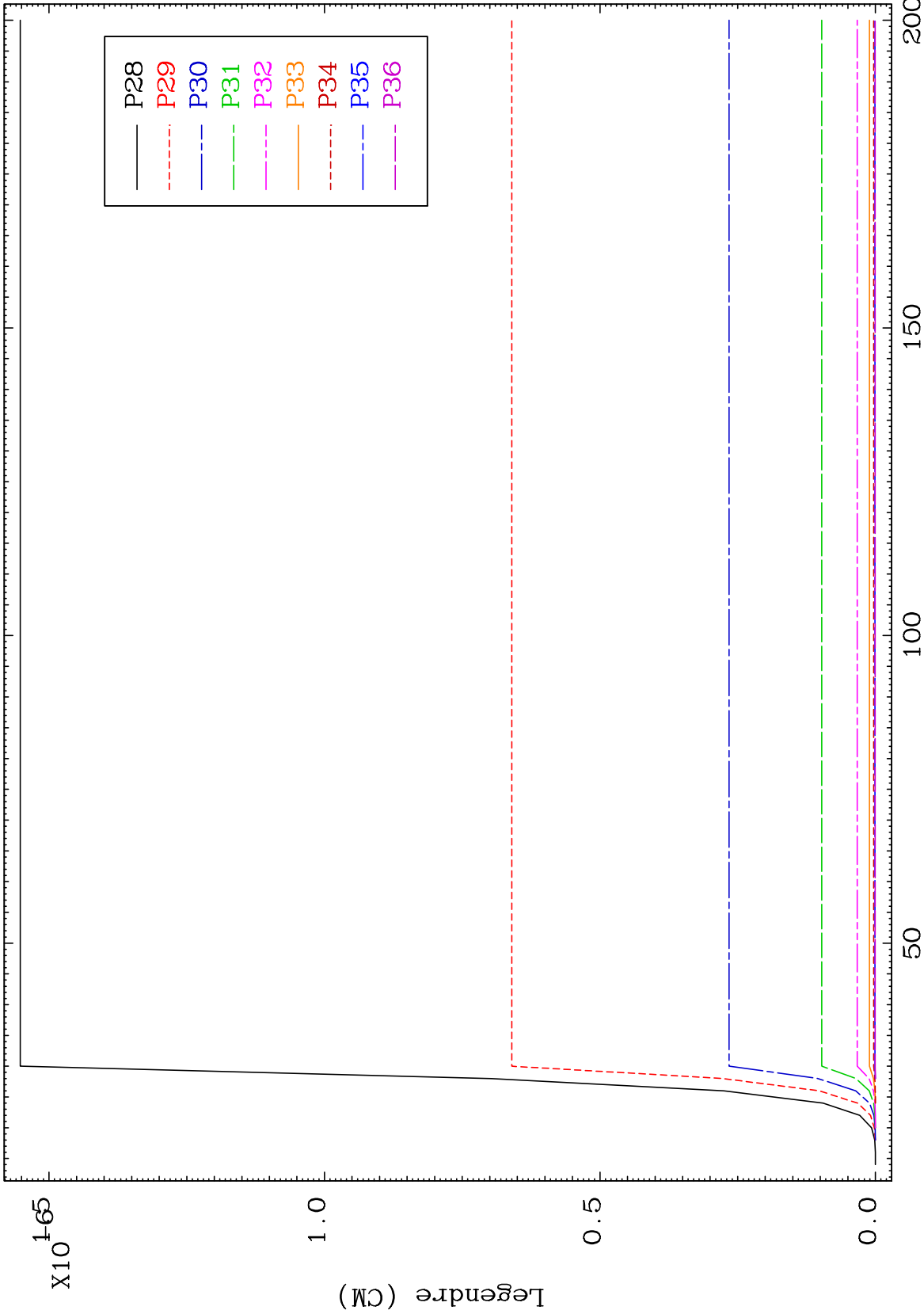


61 64-Gd-161

MAT 6452

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

64-Gd-161



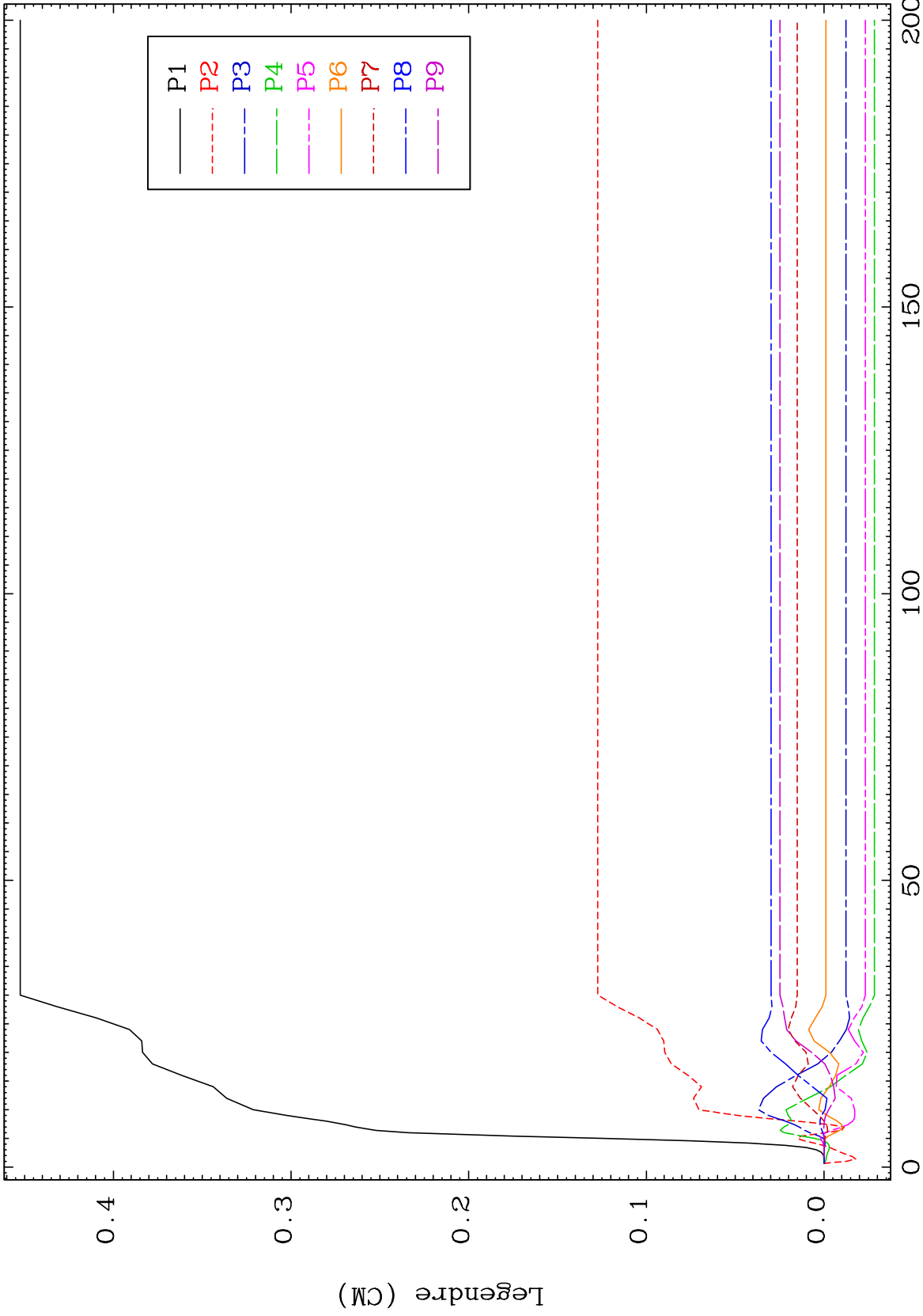
62

64-Gd-161

MAT 6452

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

64-Gd-161



63

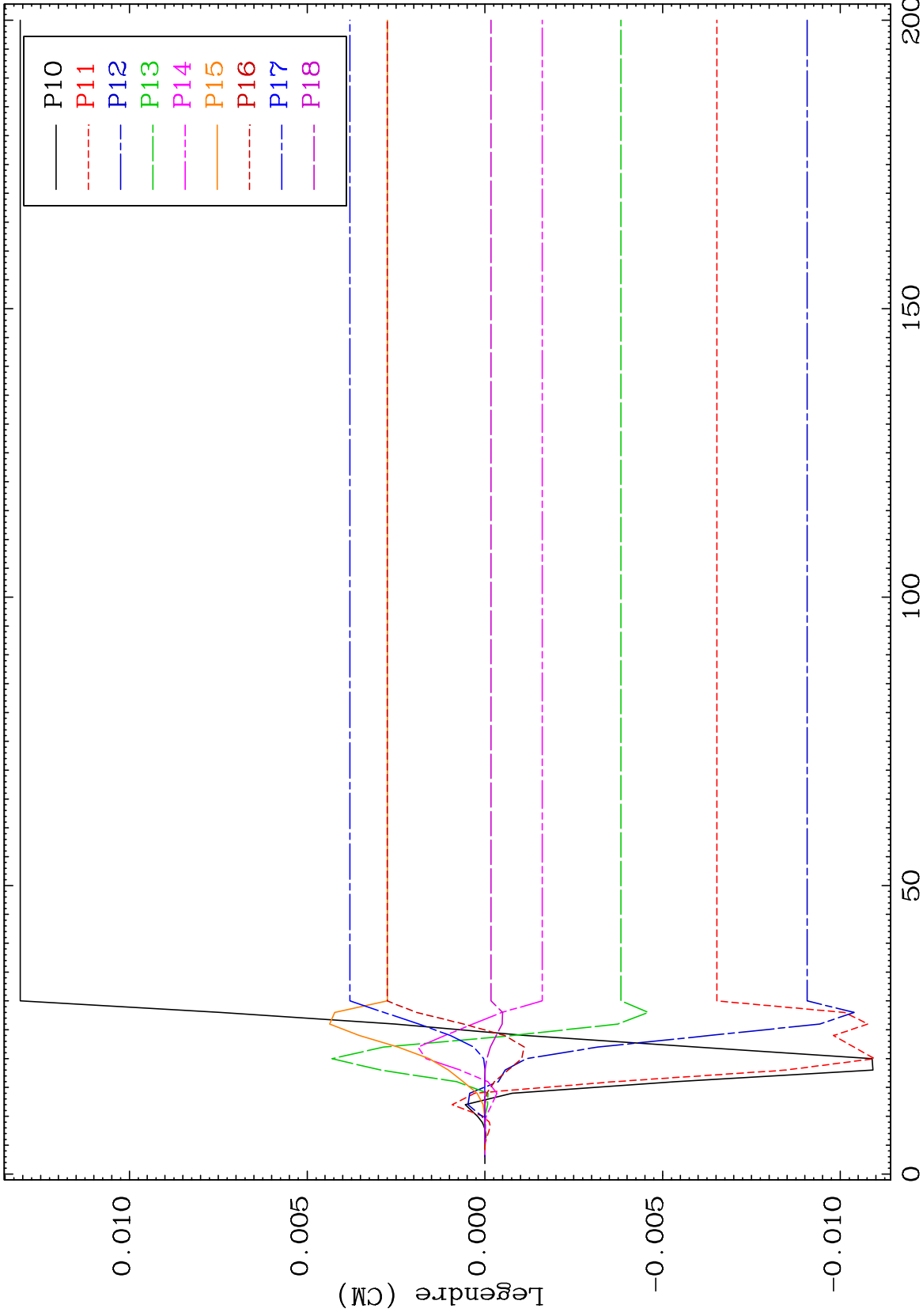
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



64

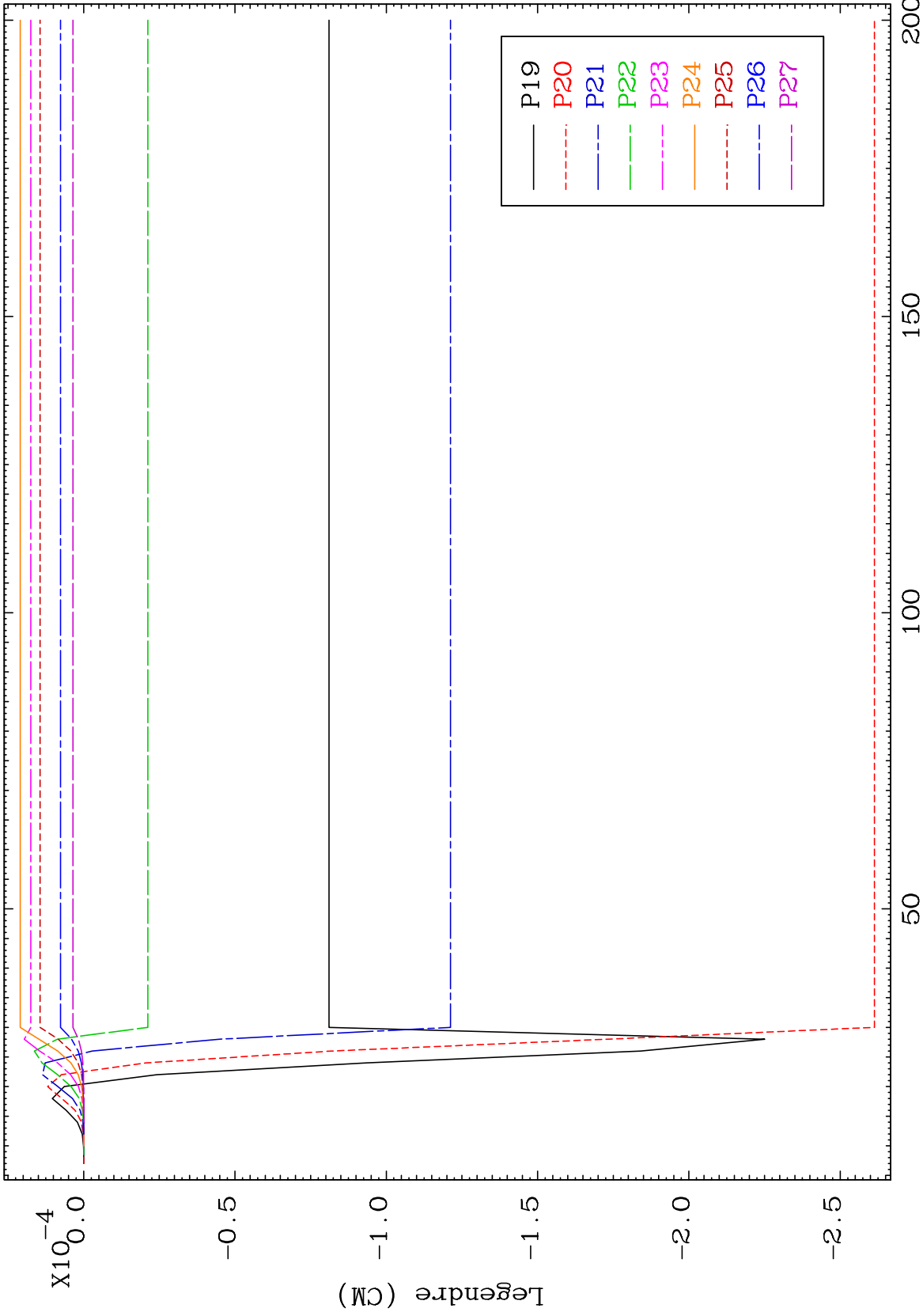
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



65

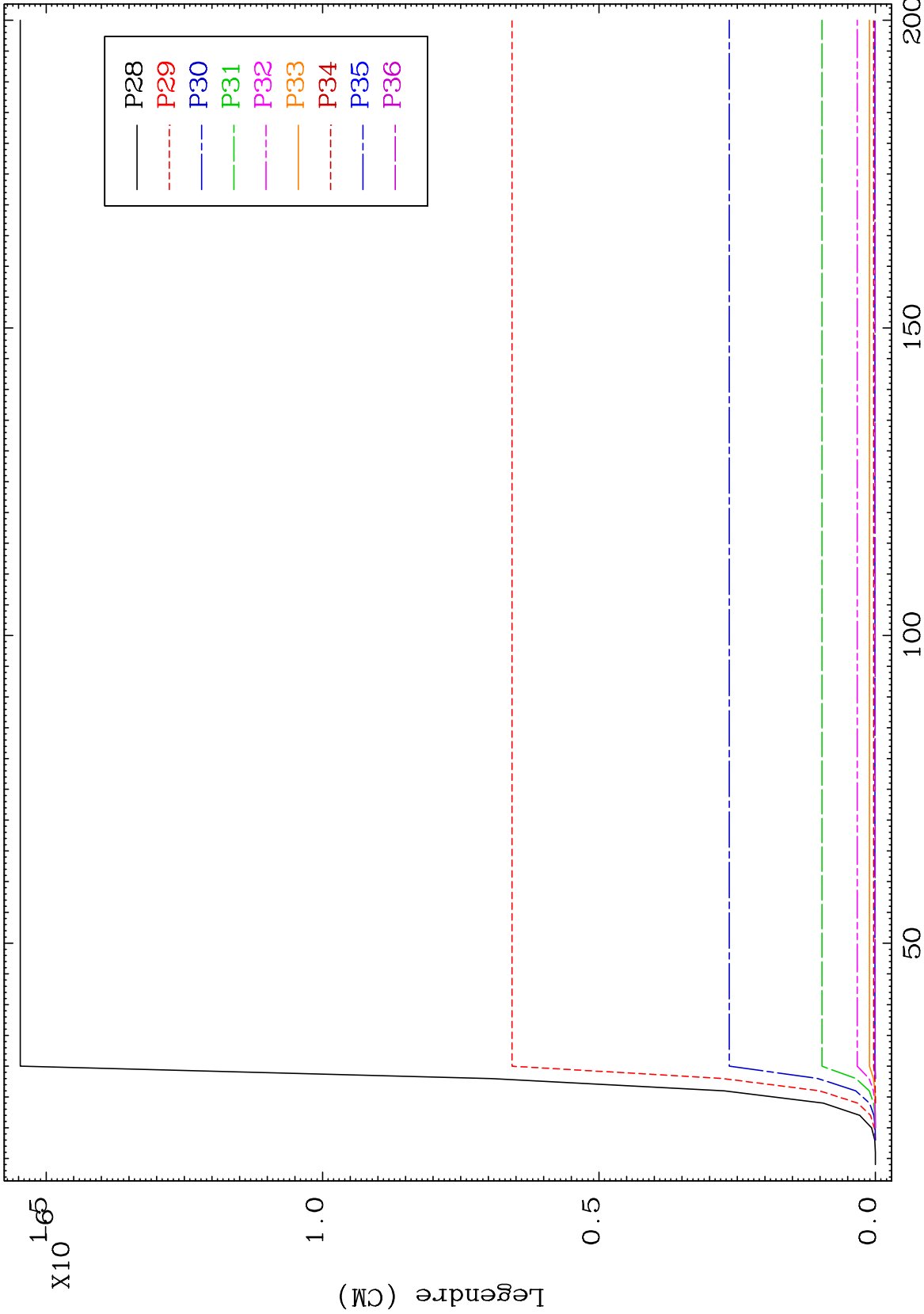
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



66

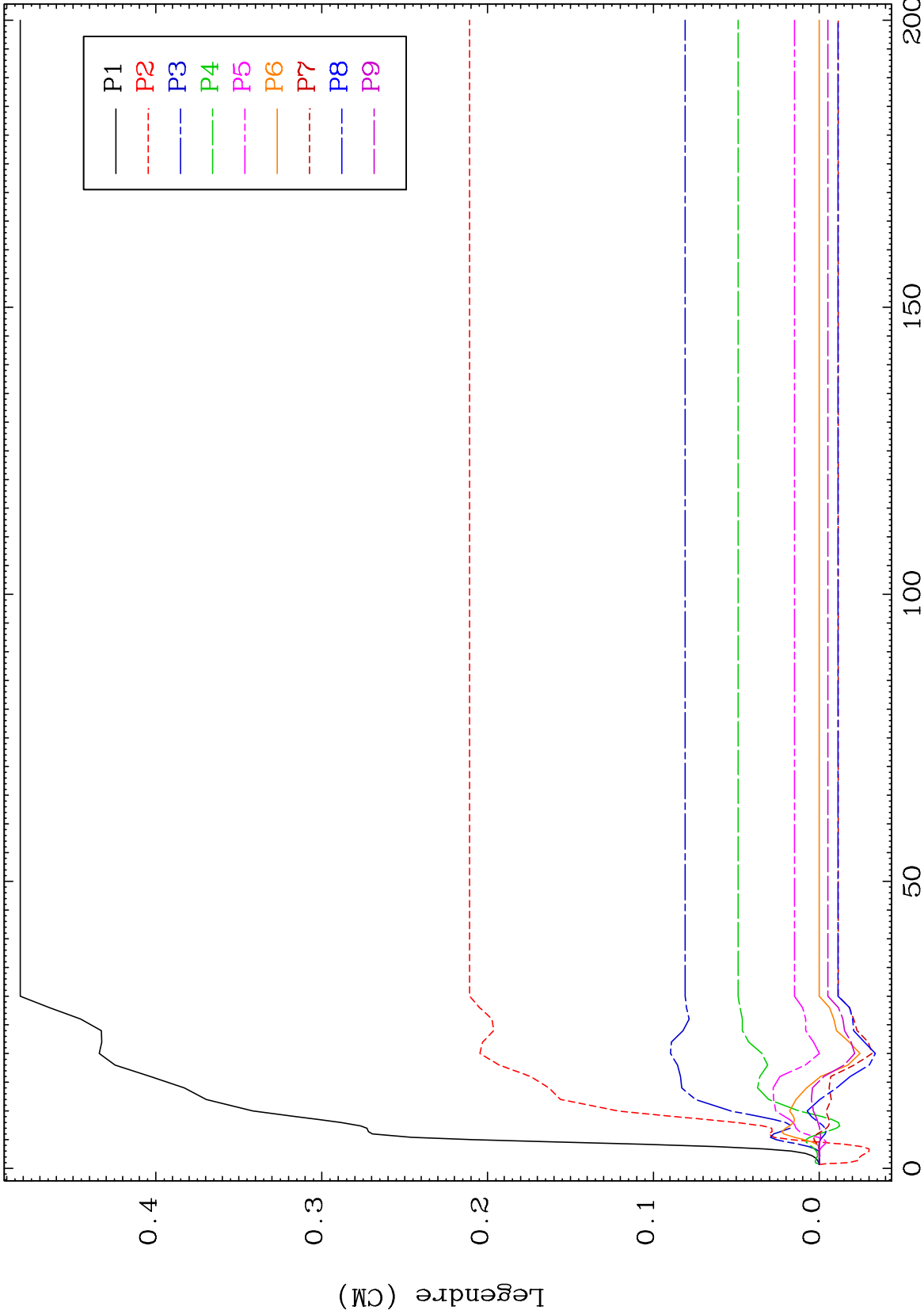
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



67

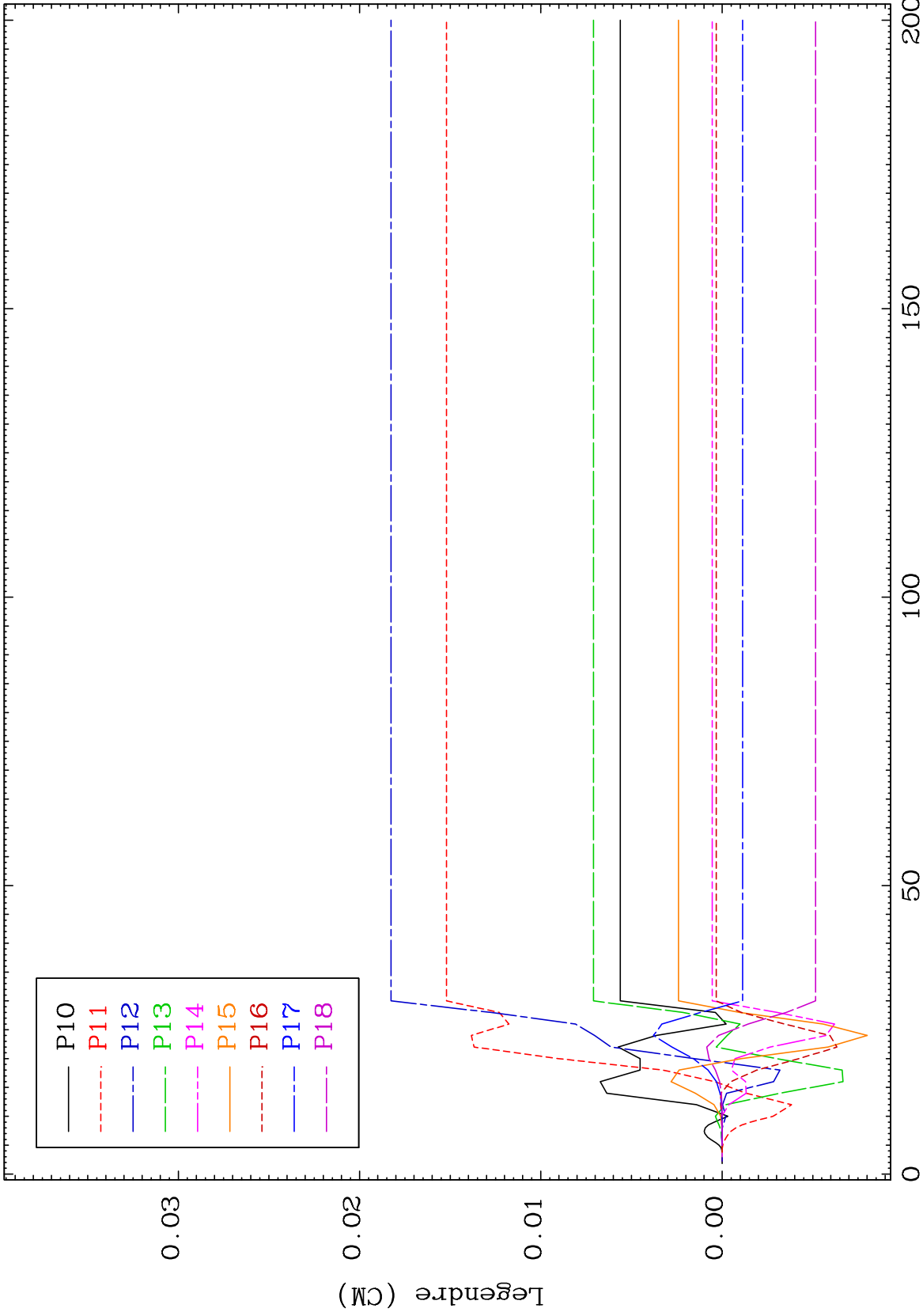
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



68

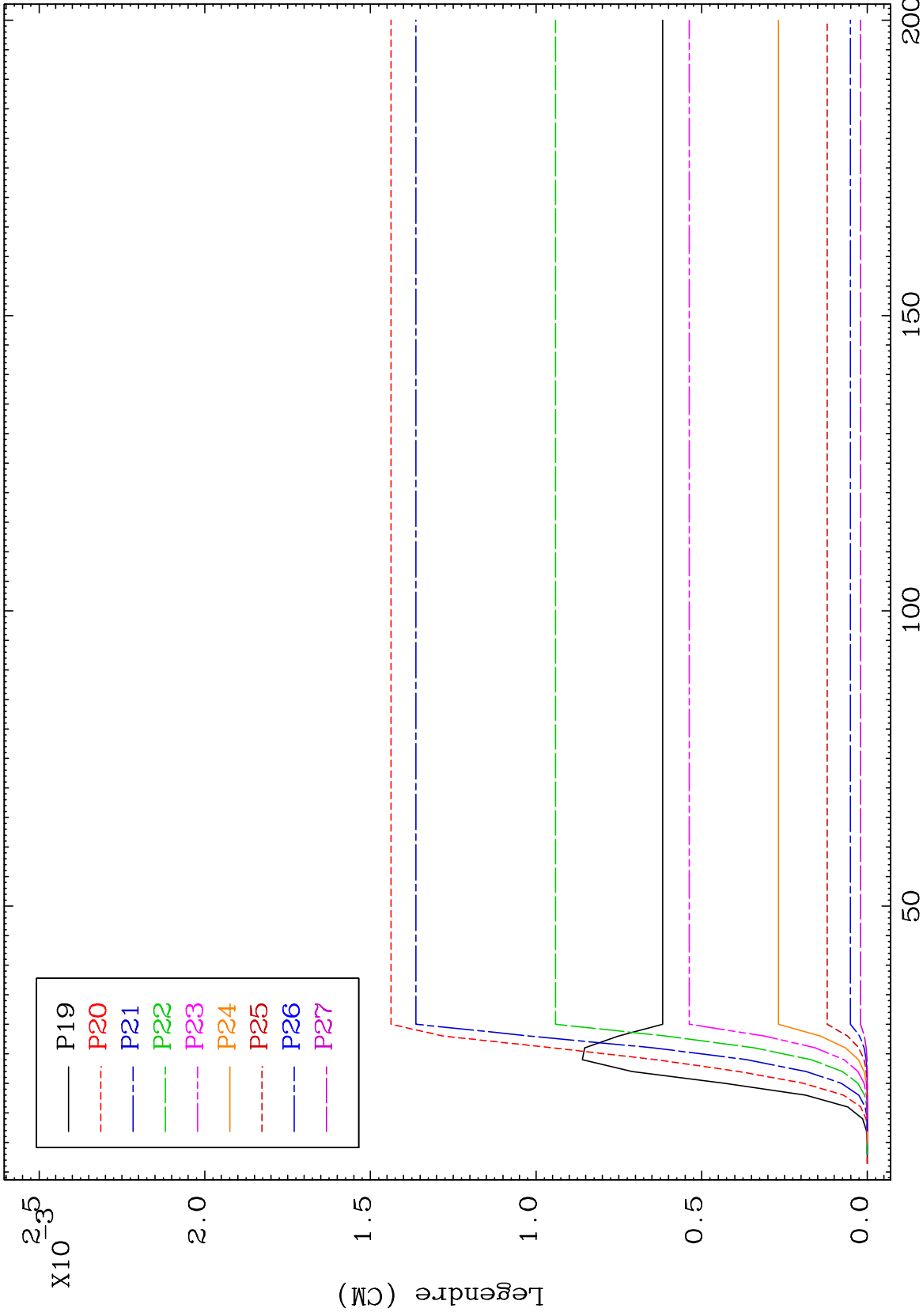
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



69

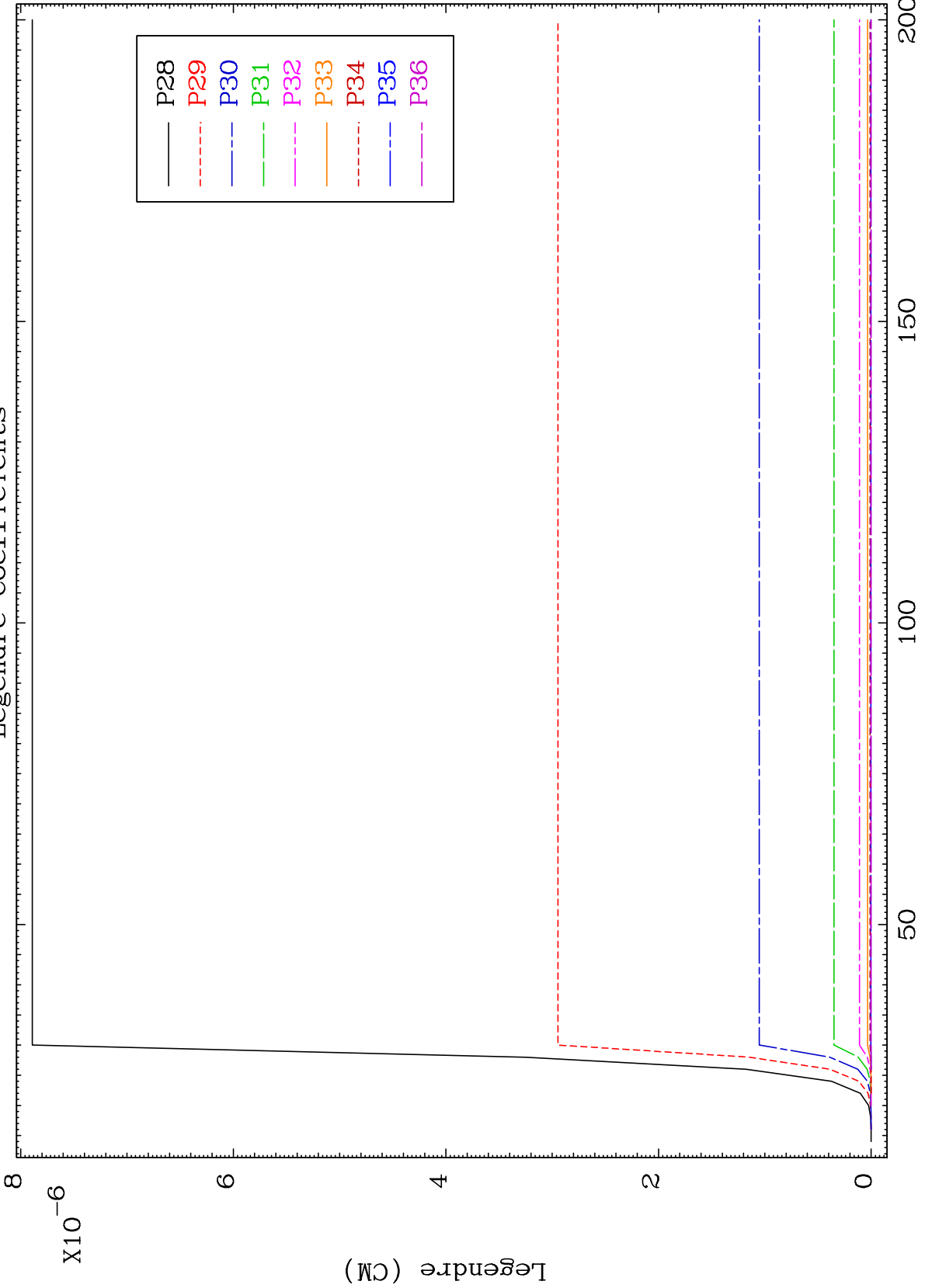
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



70

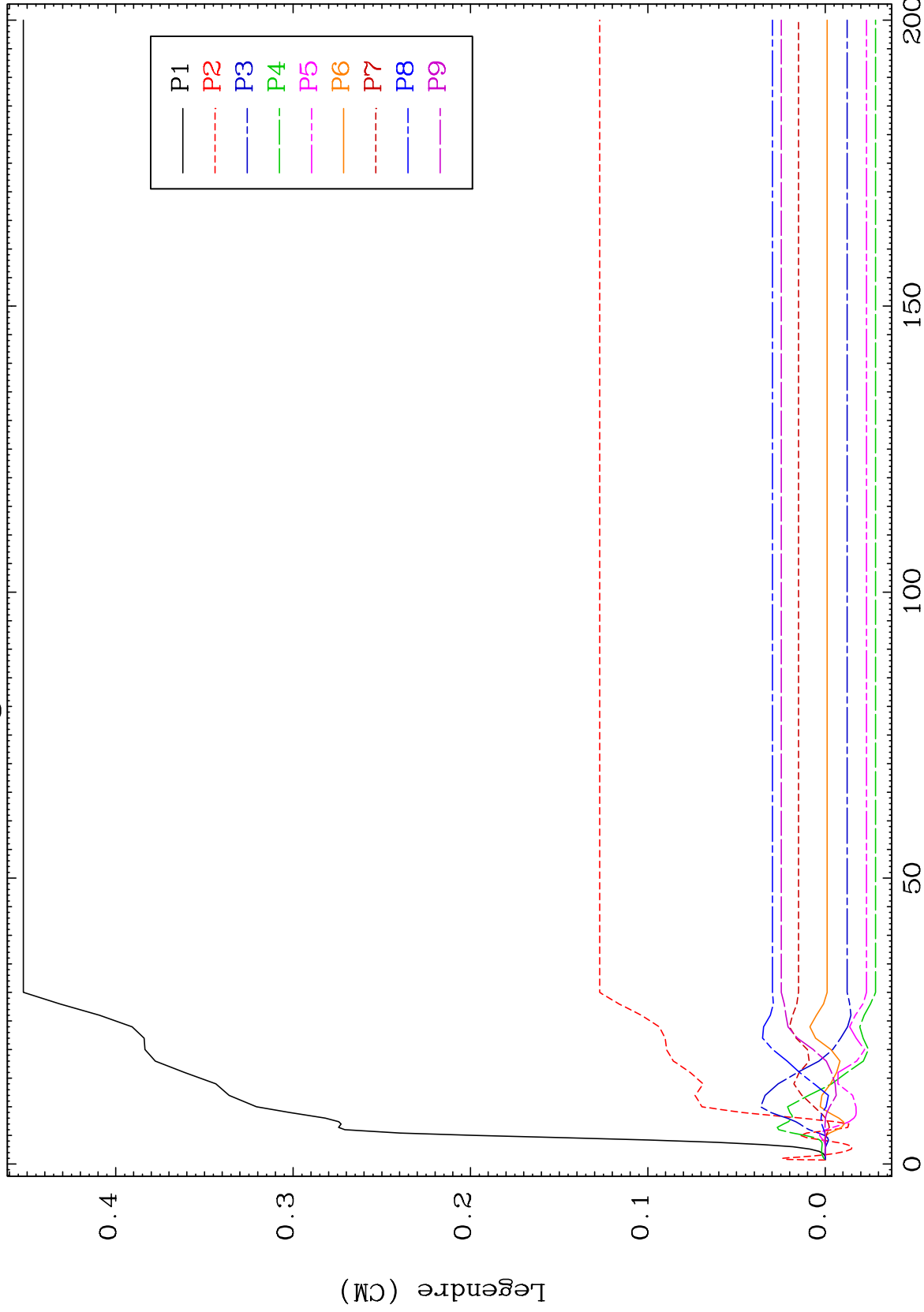
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



71

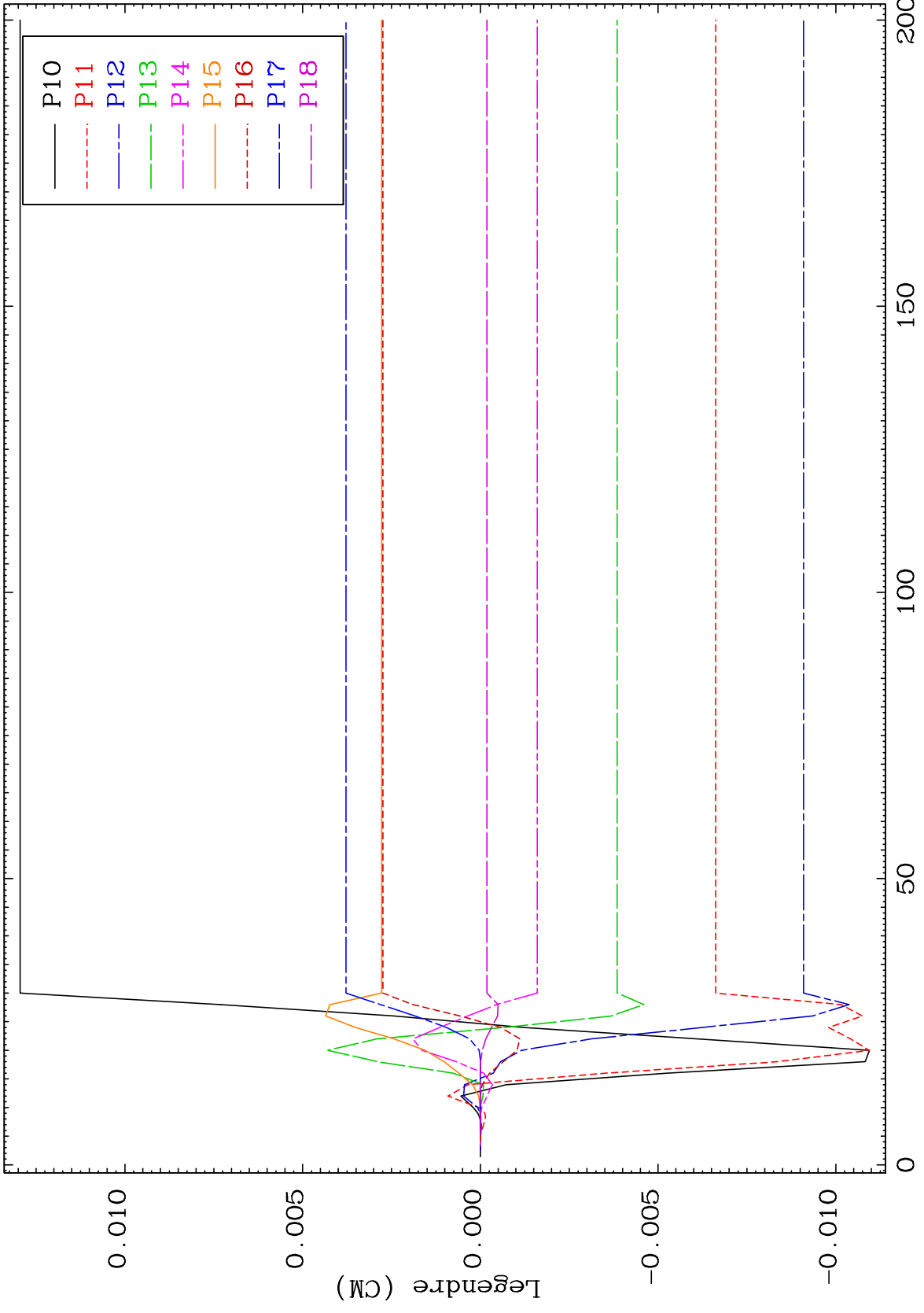
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



72

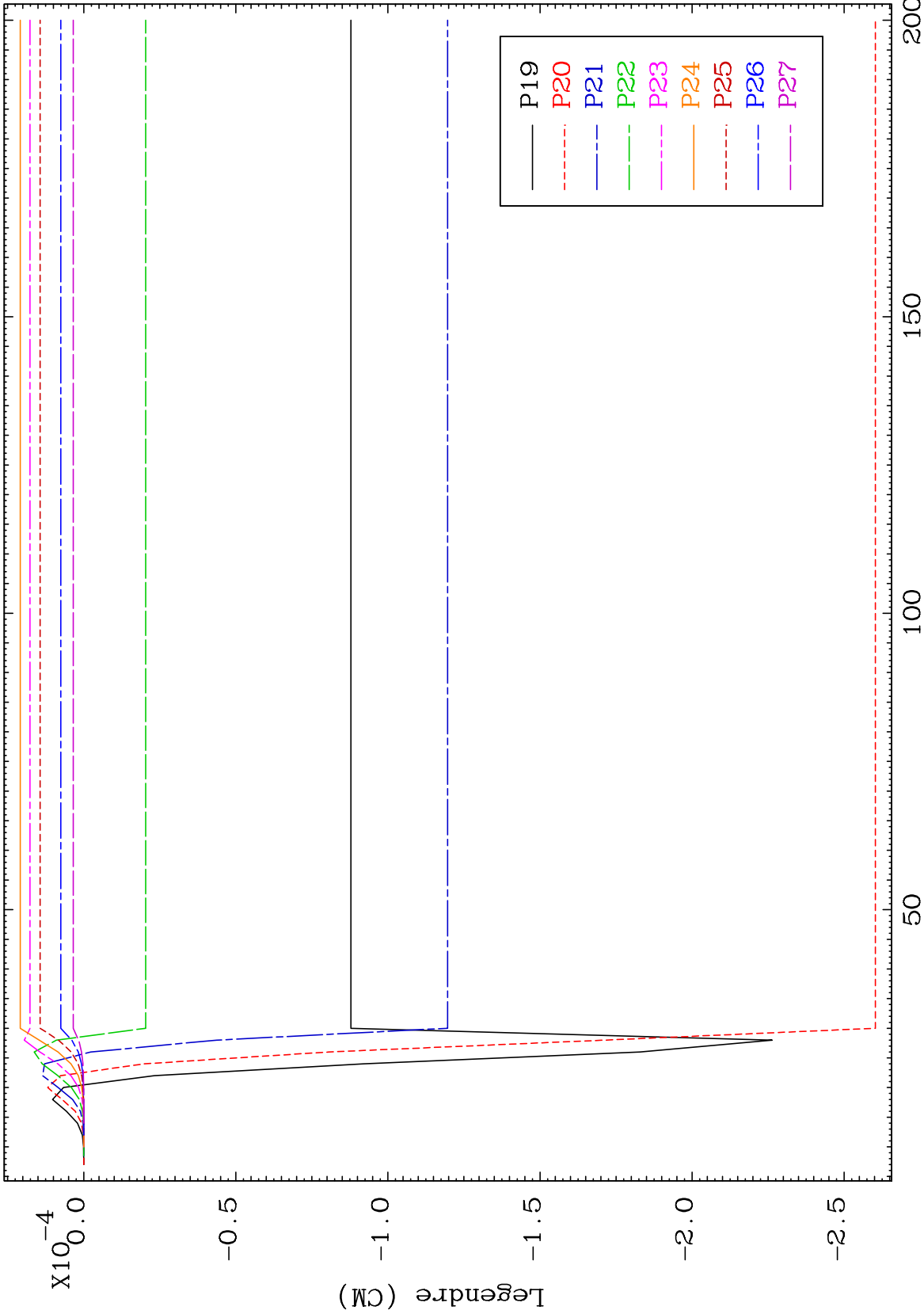
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



73

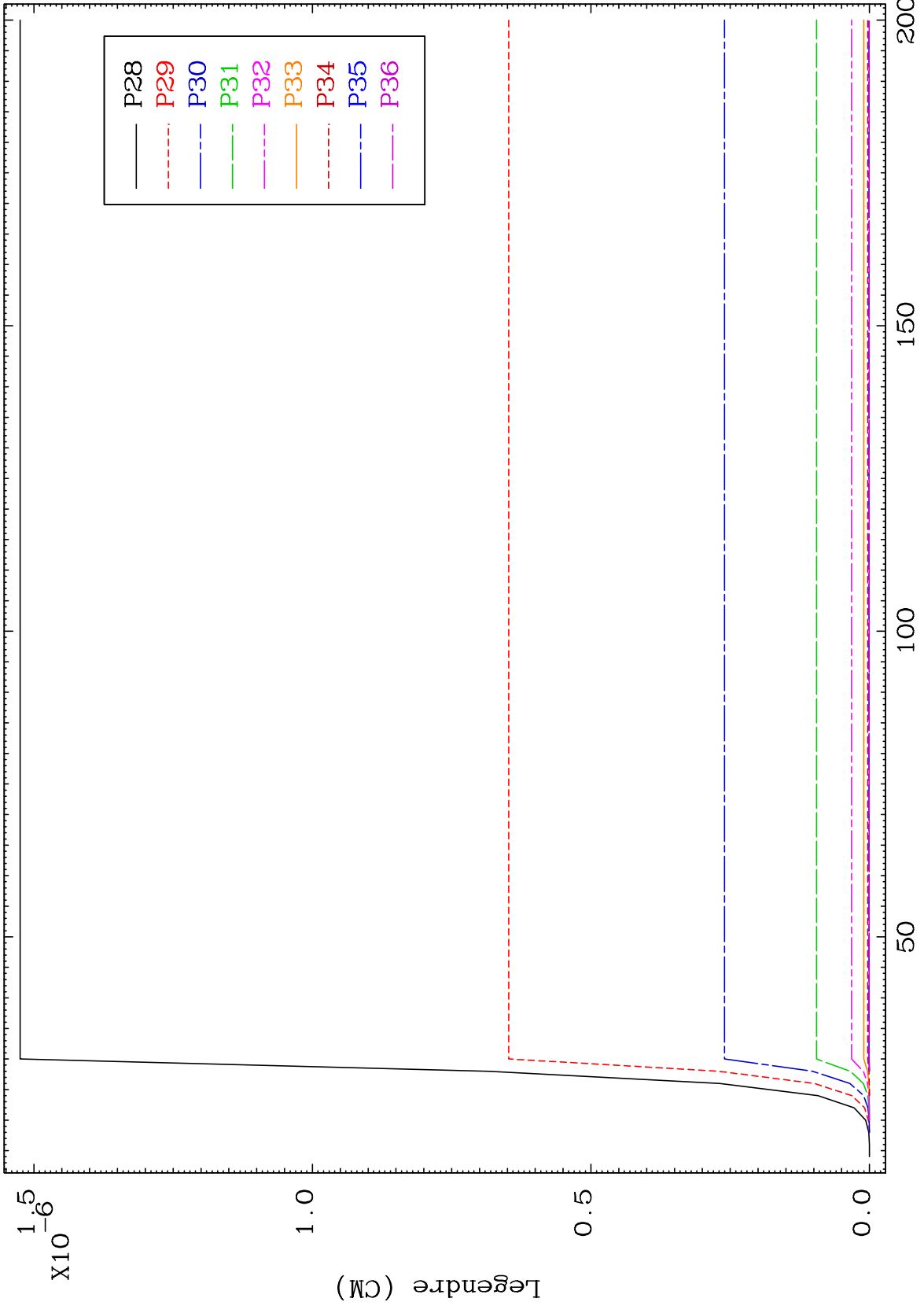
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

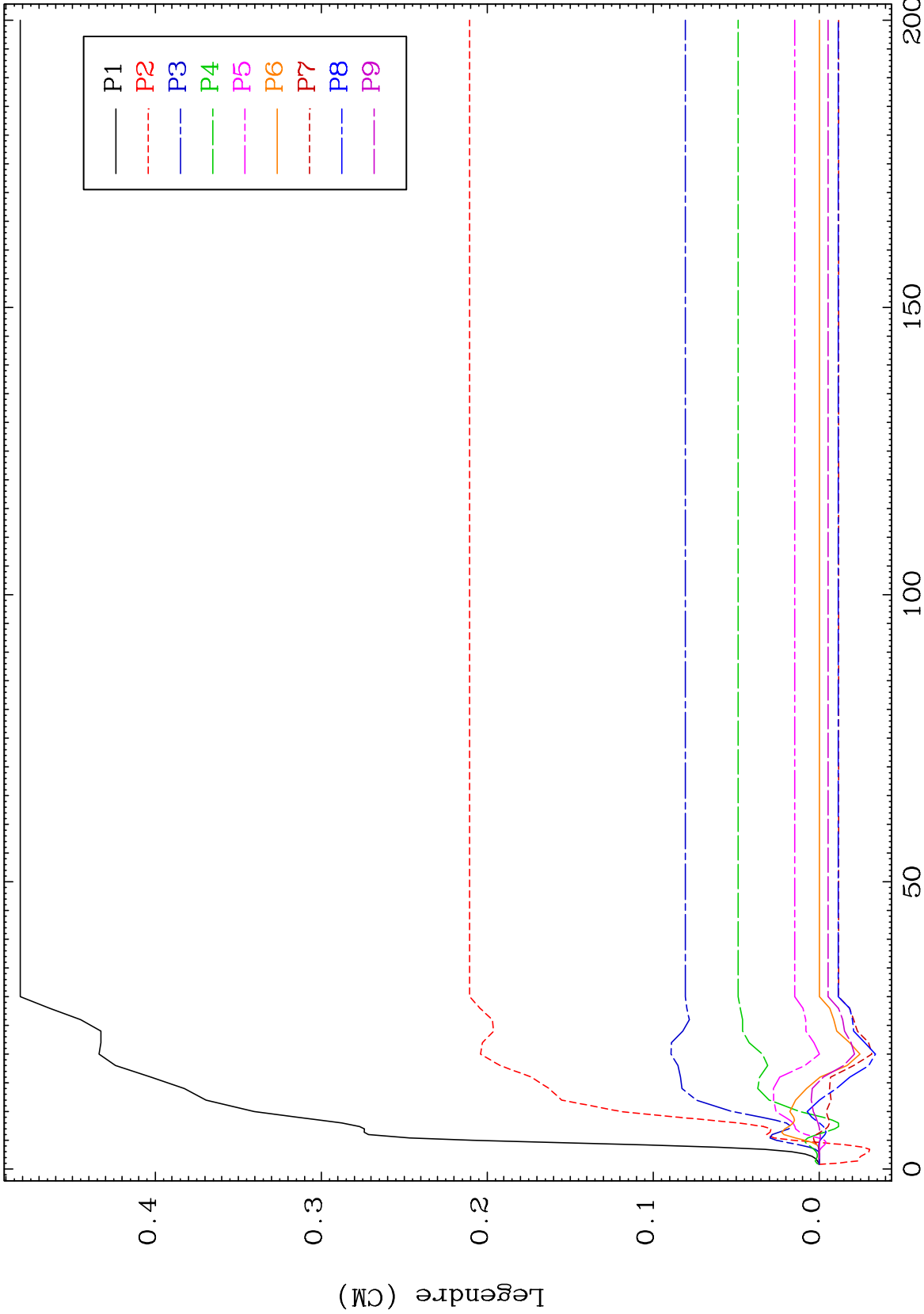
64-Gd-161



MAT 6452

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

64-Gd-161



75

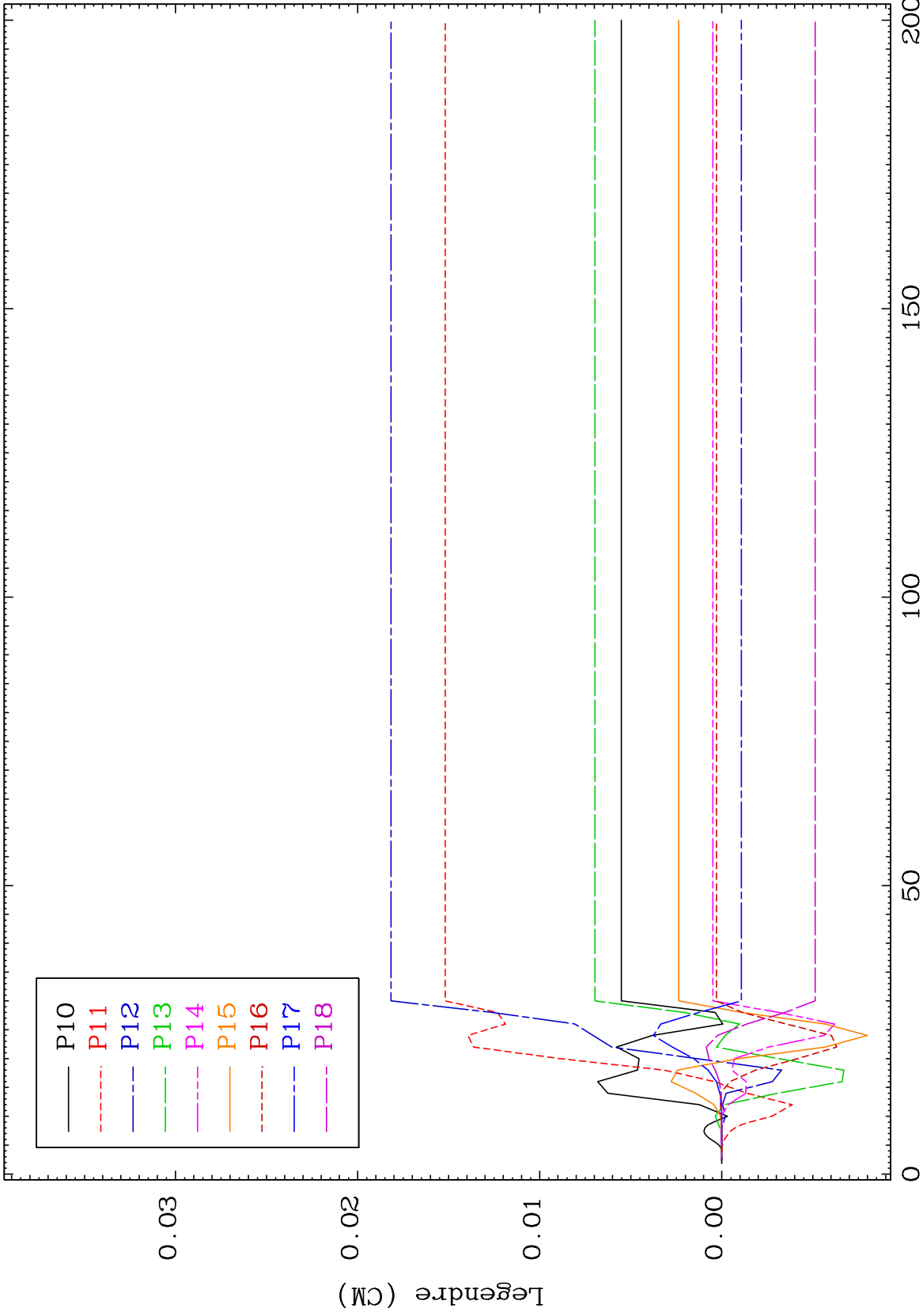
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



76

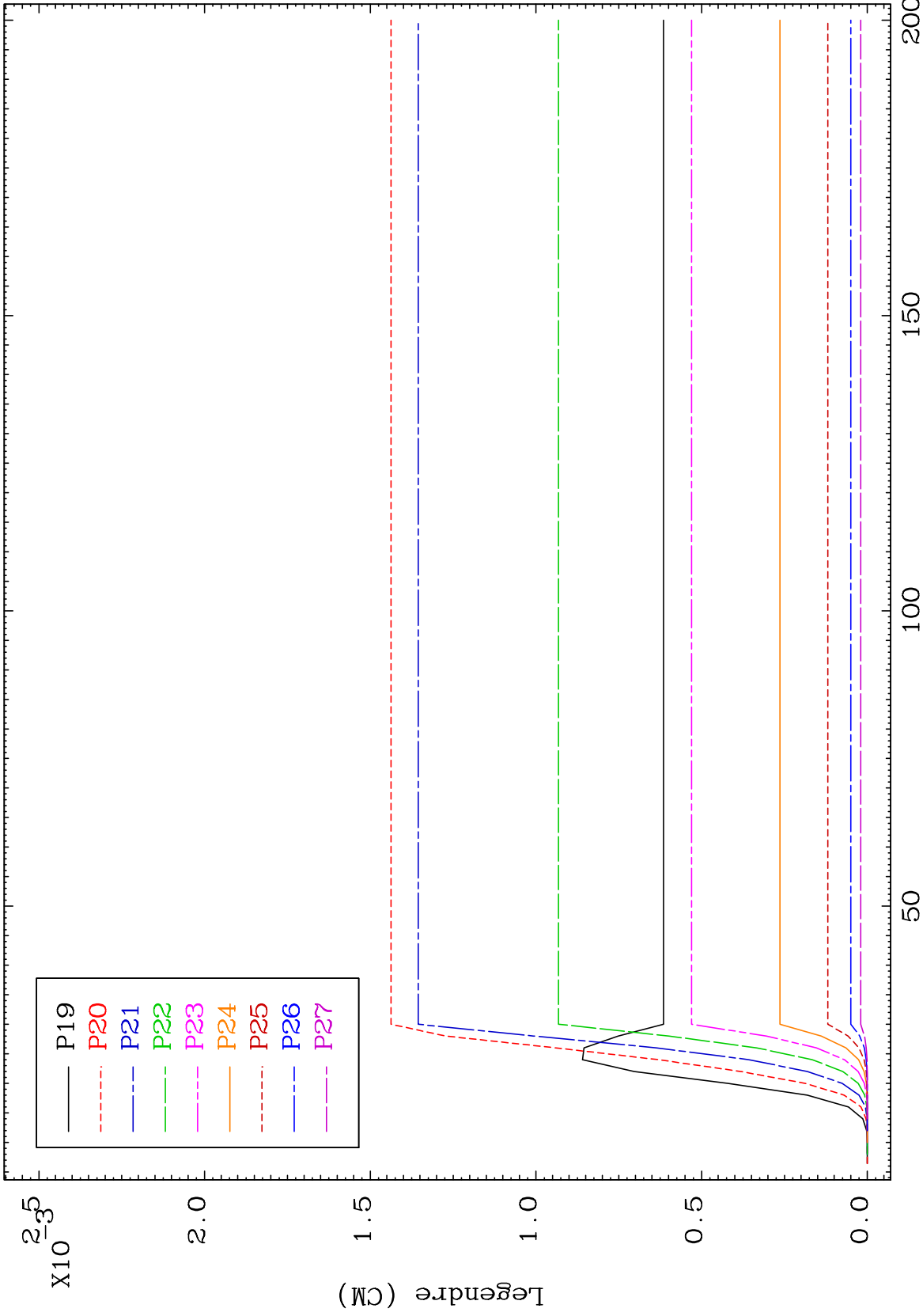
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



77

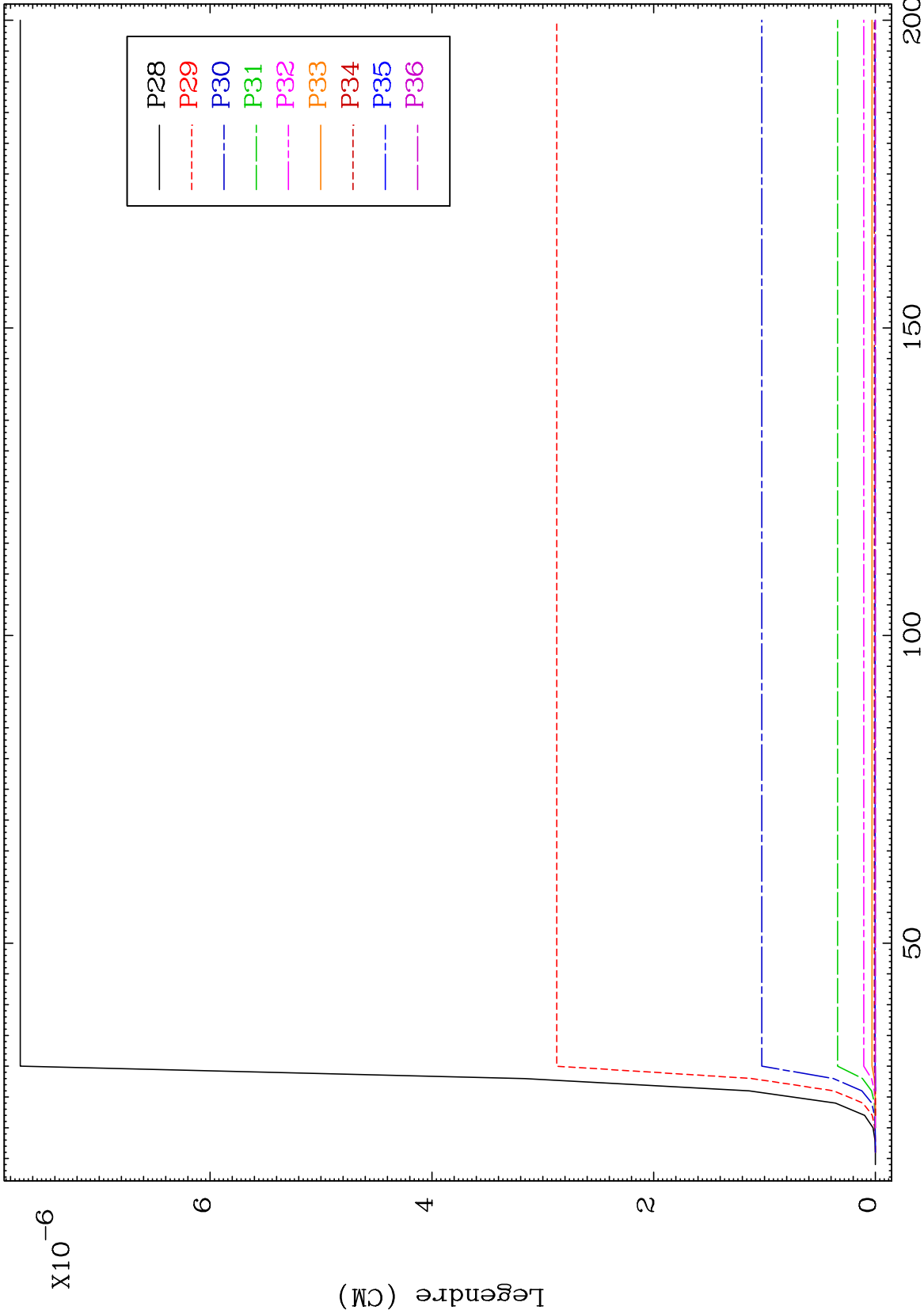
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161

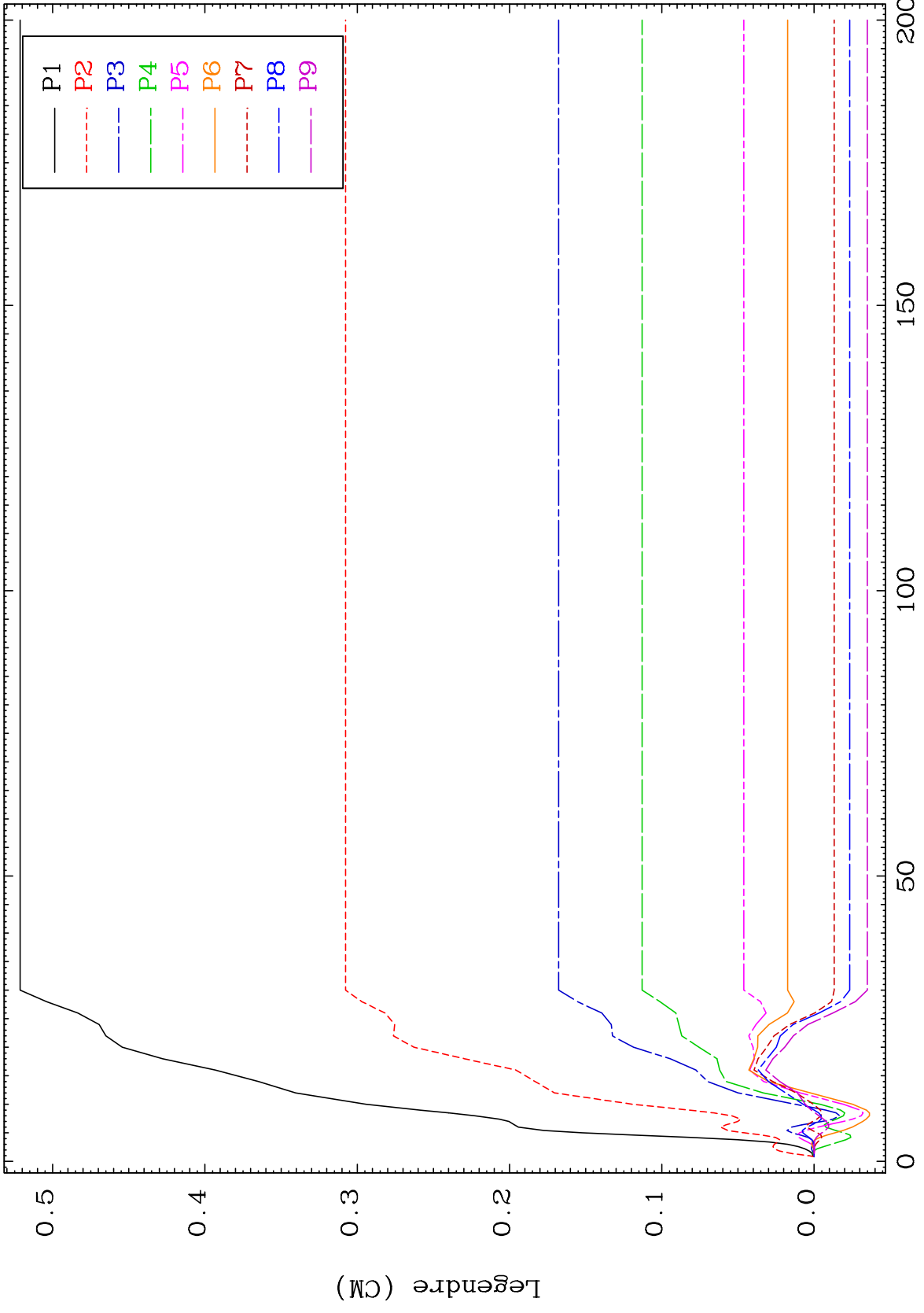


78

Incident Energy (MeV)

64-Gd-161

MAT 6452 MT= 66 (n,n') Level Legendre Coefficients 64-Gd-161

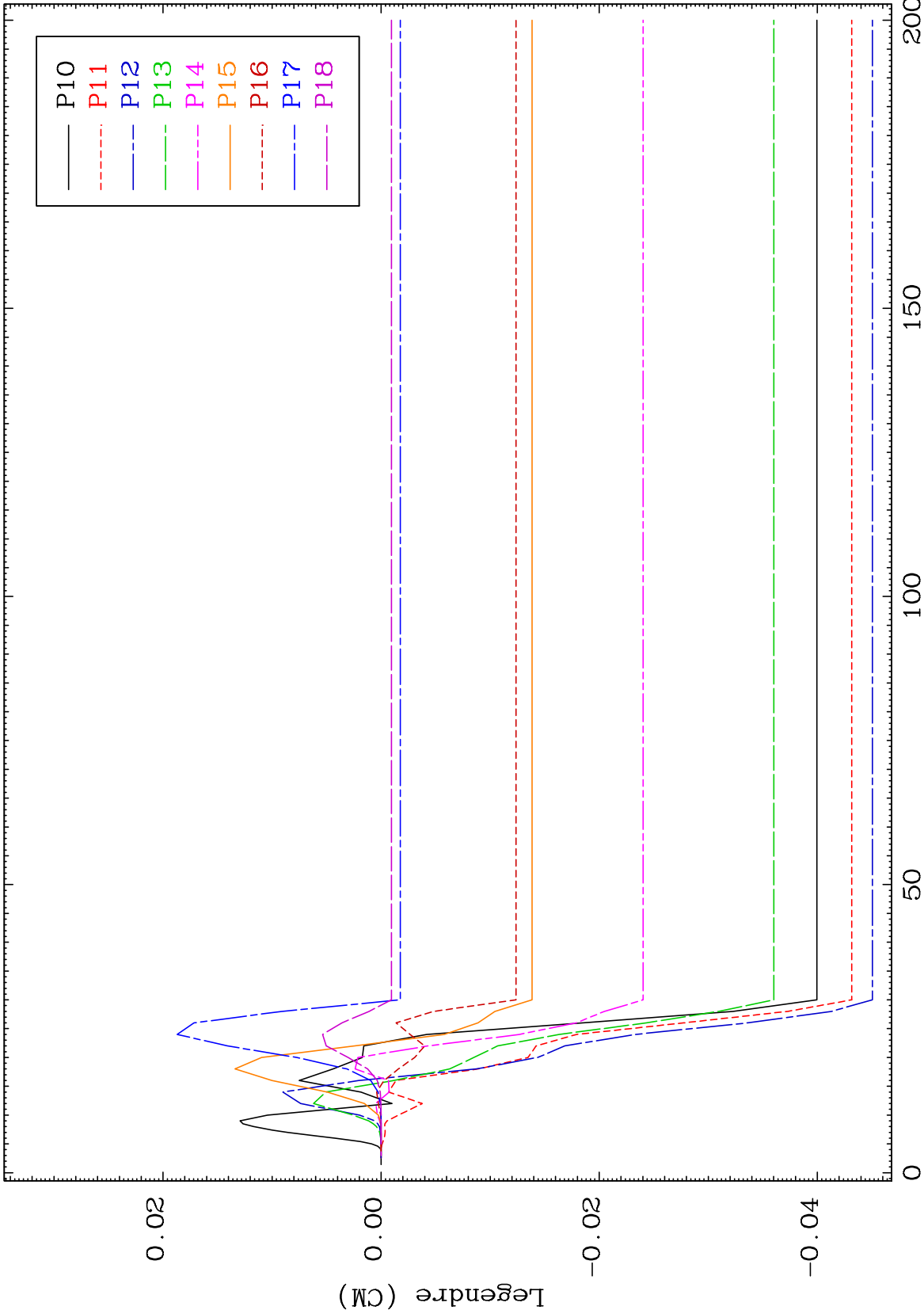


79 64-Gd-161

MAT 6452

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

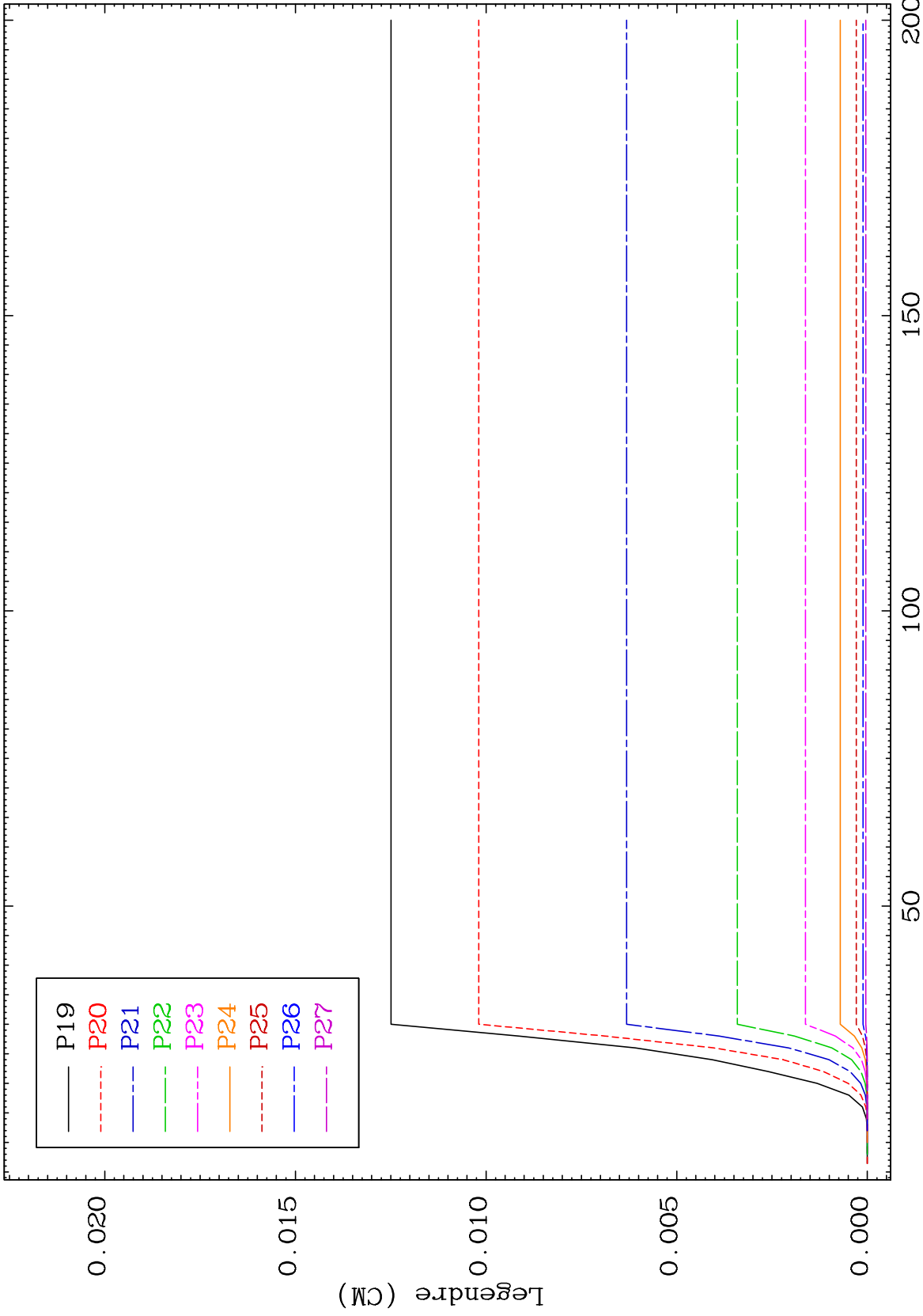
64-Gd-161



80

Incident Energy (MeV)

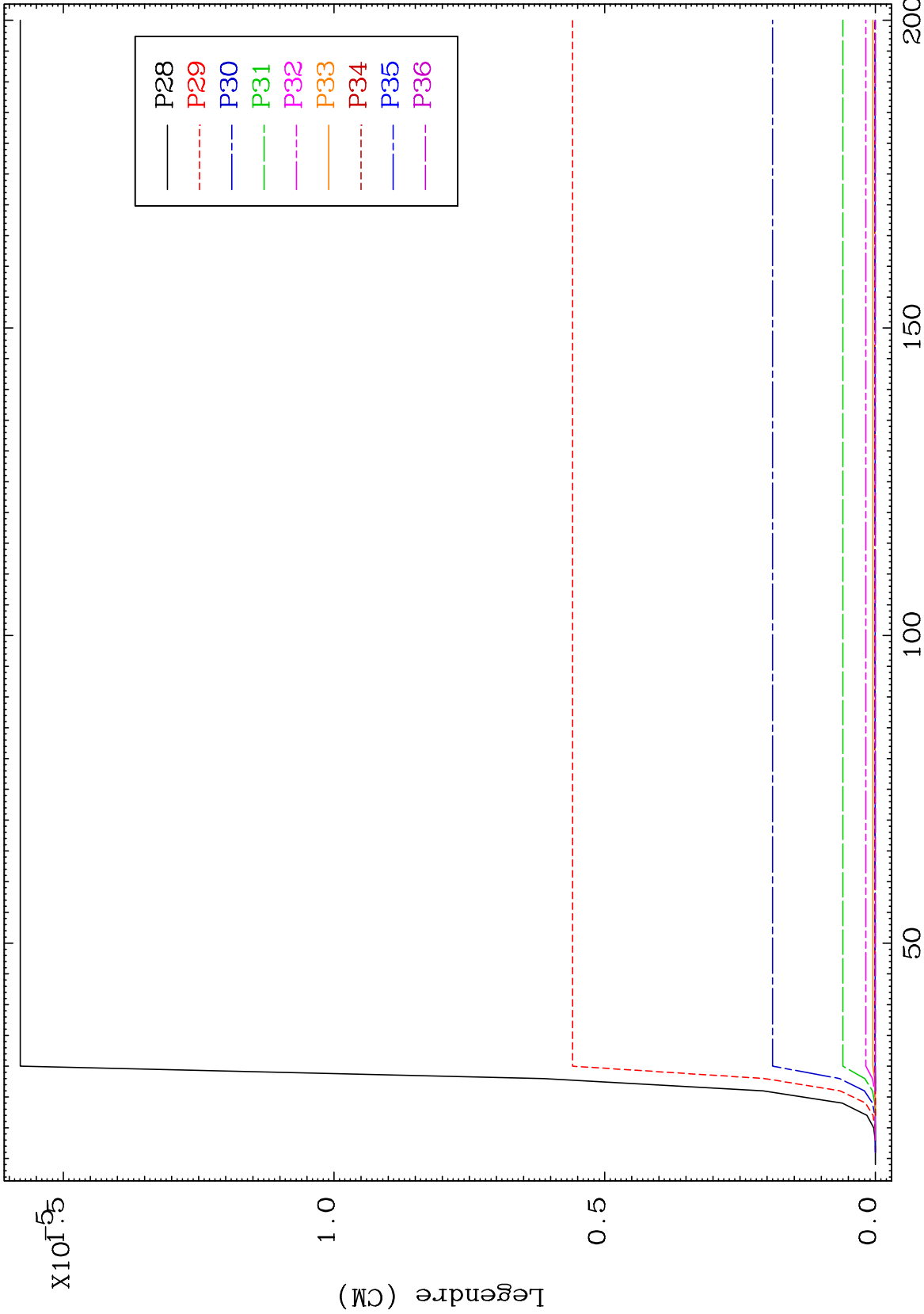
64-Gd-161



MAT 6452

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

64-Gd-161

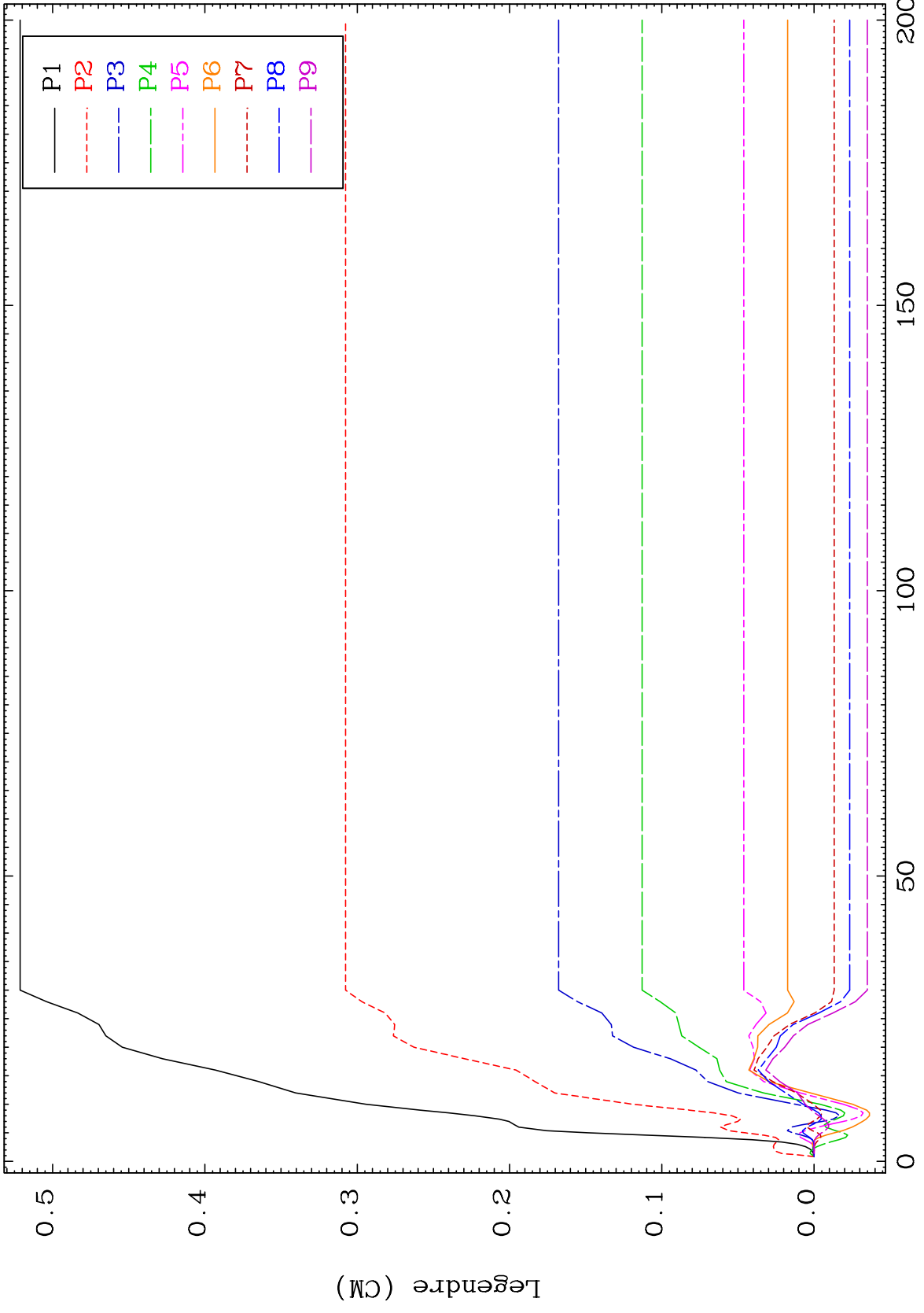


82

Incident Energy (MeV)

64-Gd-161

MAT 6452 MT= 67 (n,n') Level Legendre Coefficients 64-Gd-161

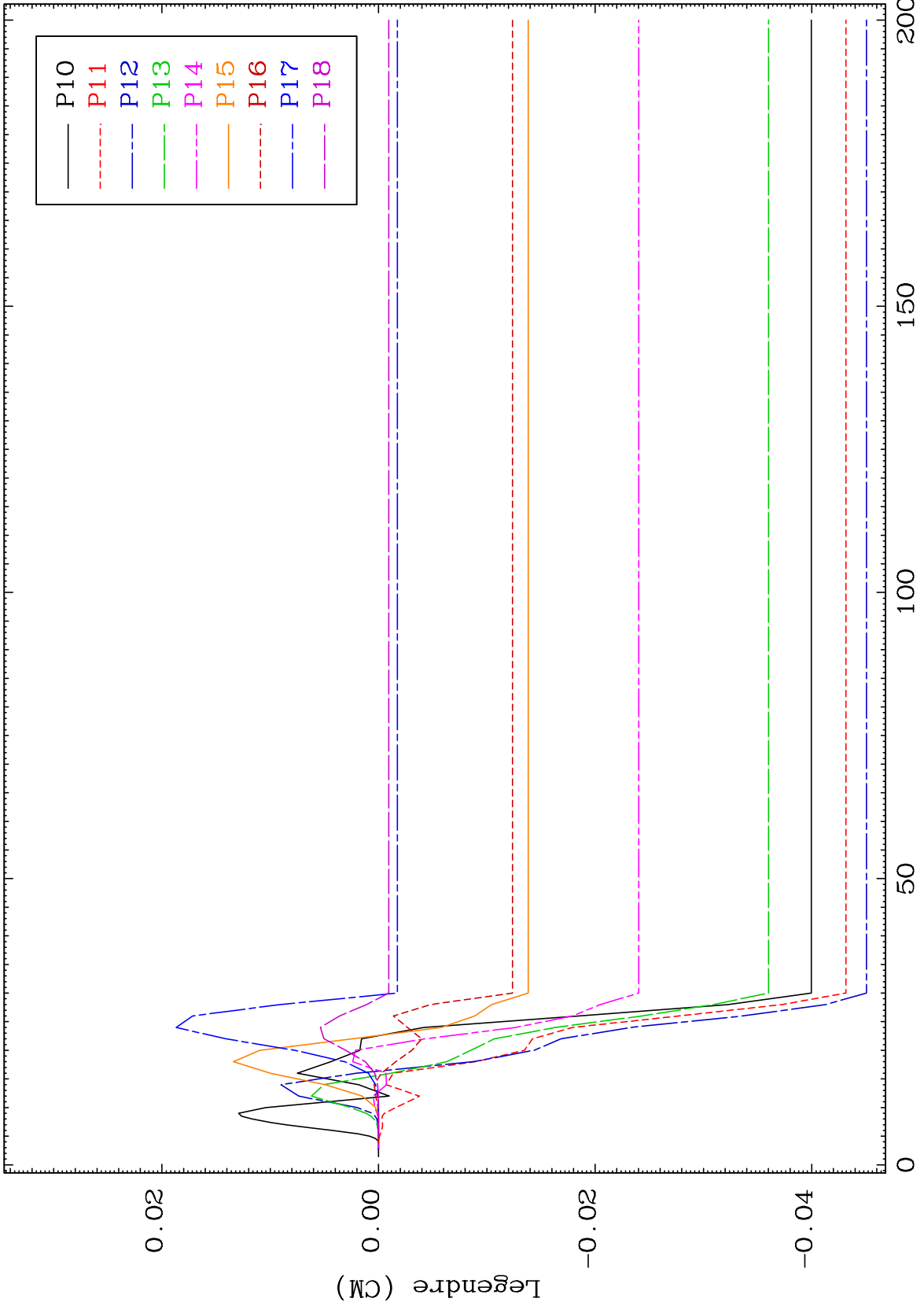


83 64-Gd-161

MAT 6452

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

64-Gd-161



84

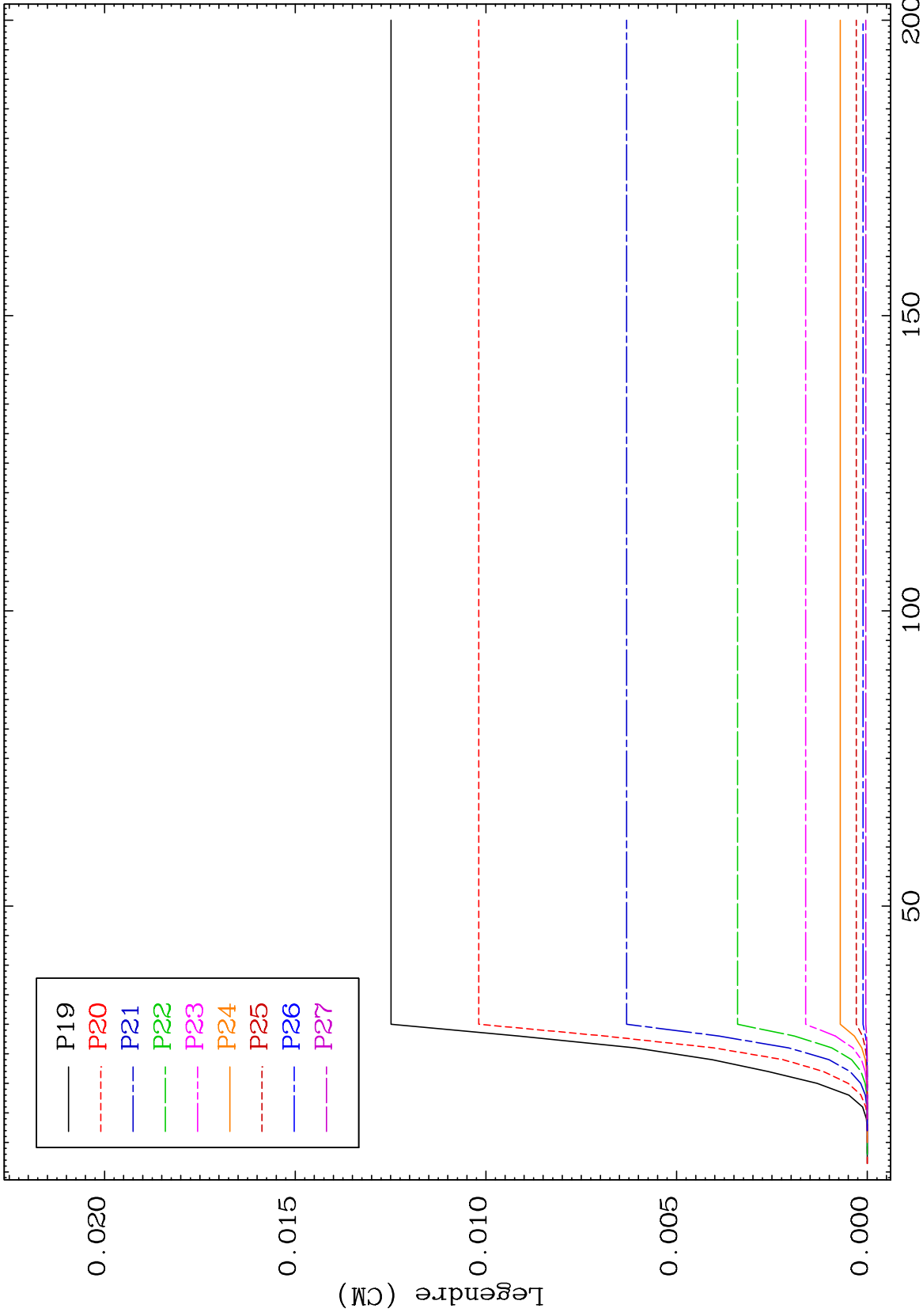
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



85

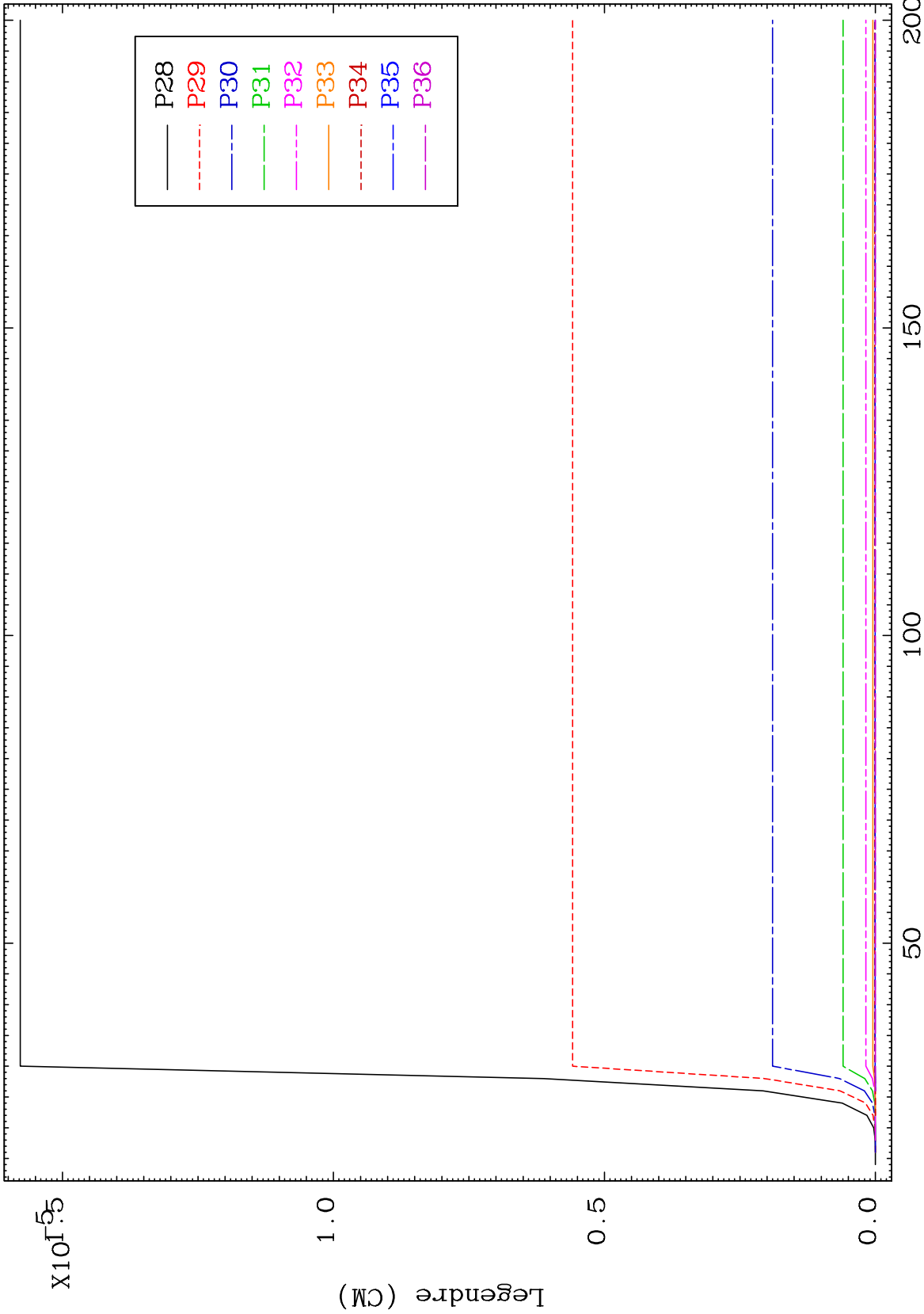
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



86

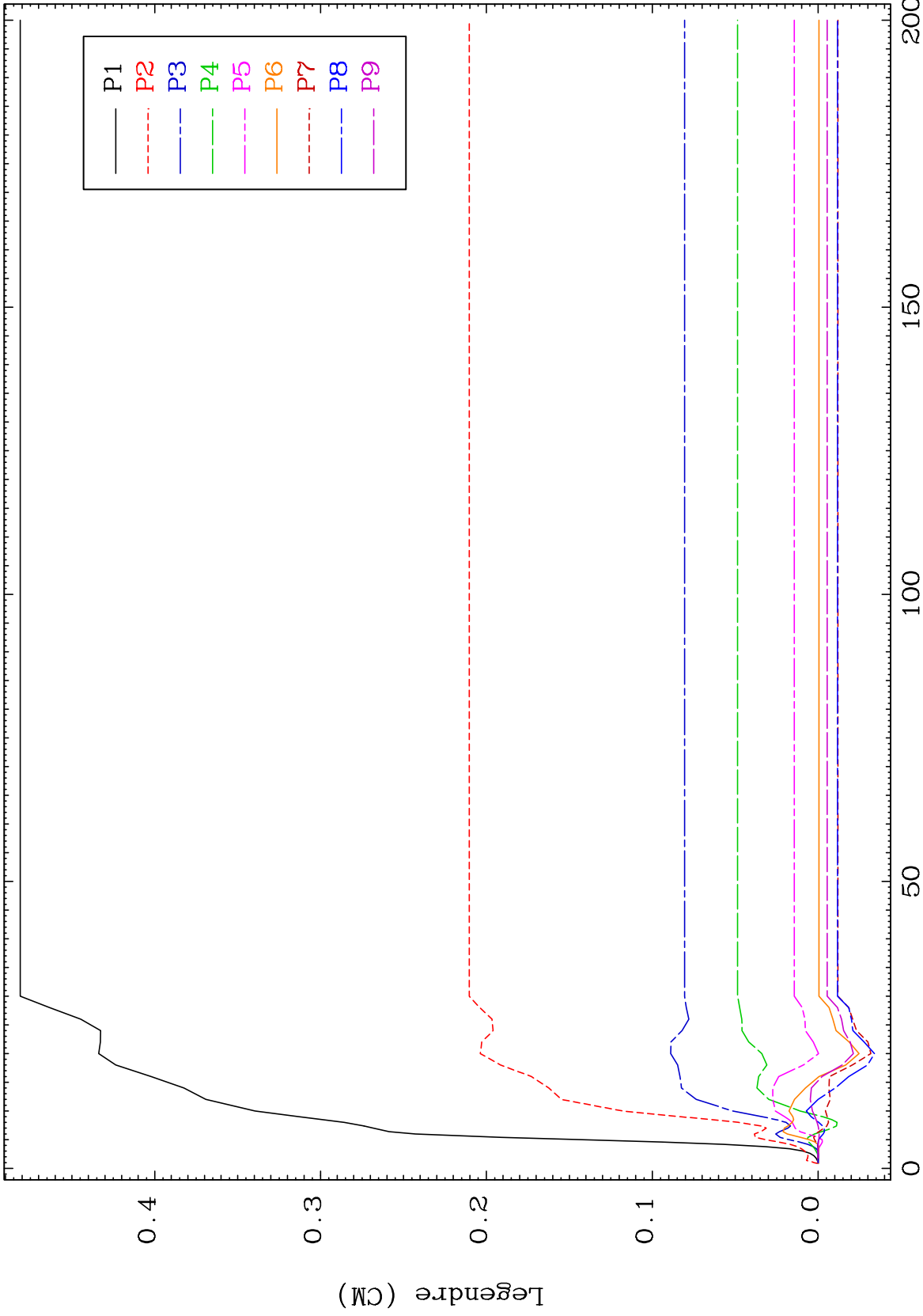
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161

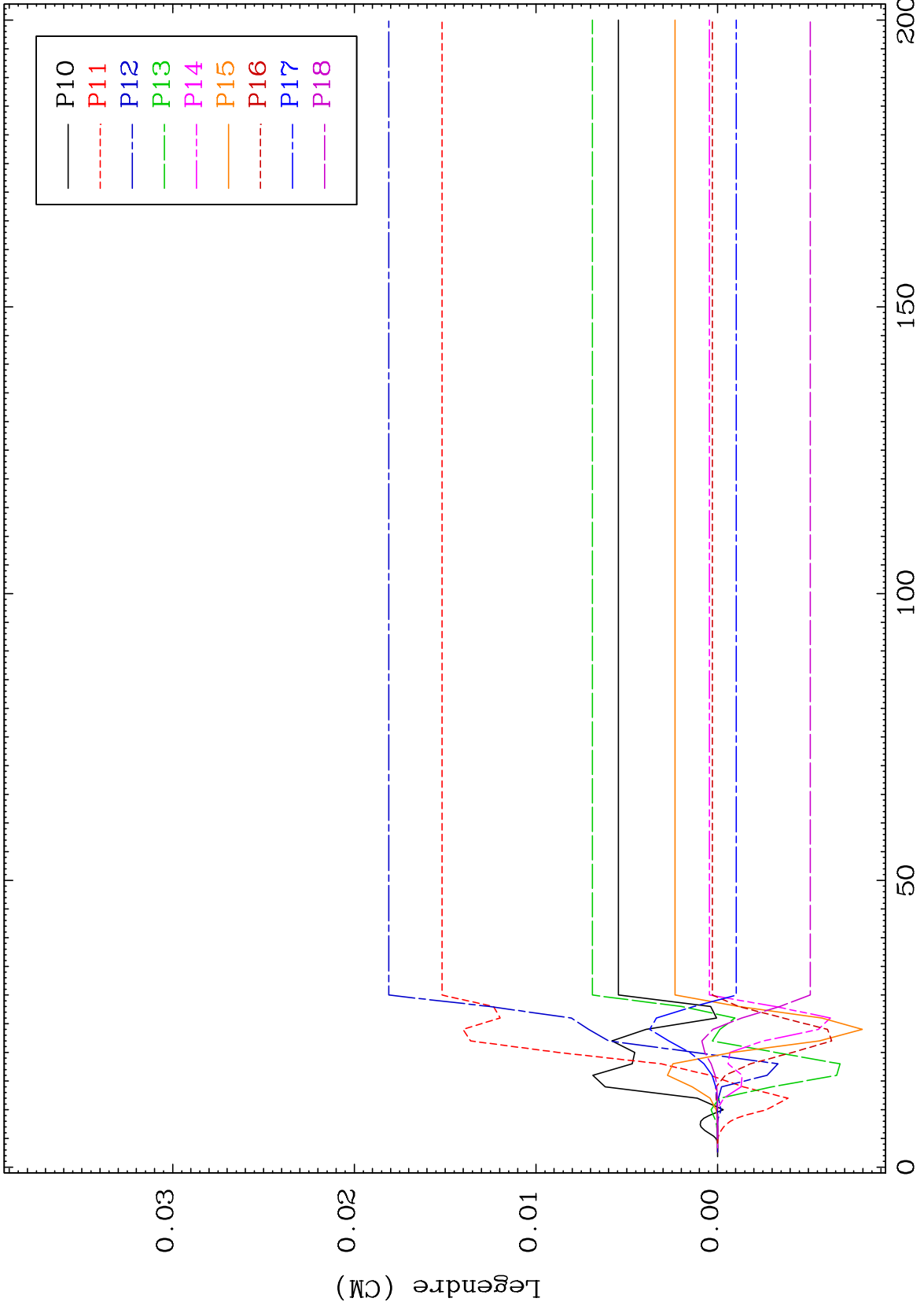


87

Incident Energy (MeV)

64-Gd-161

MAT 6452 MT= 68 (n,n') Level Legendre Coefficients 64-Gd-161

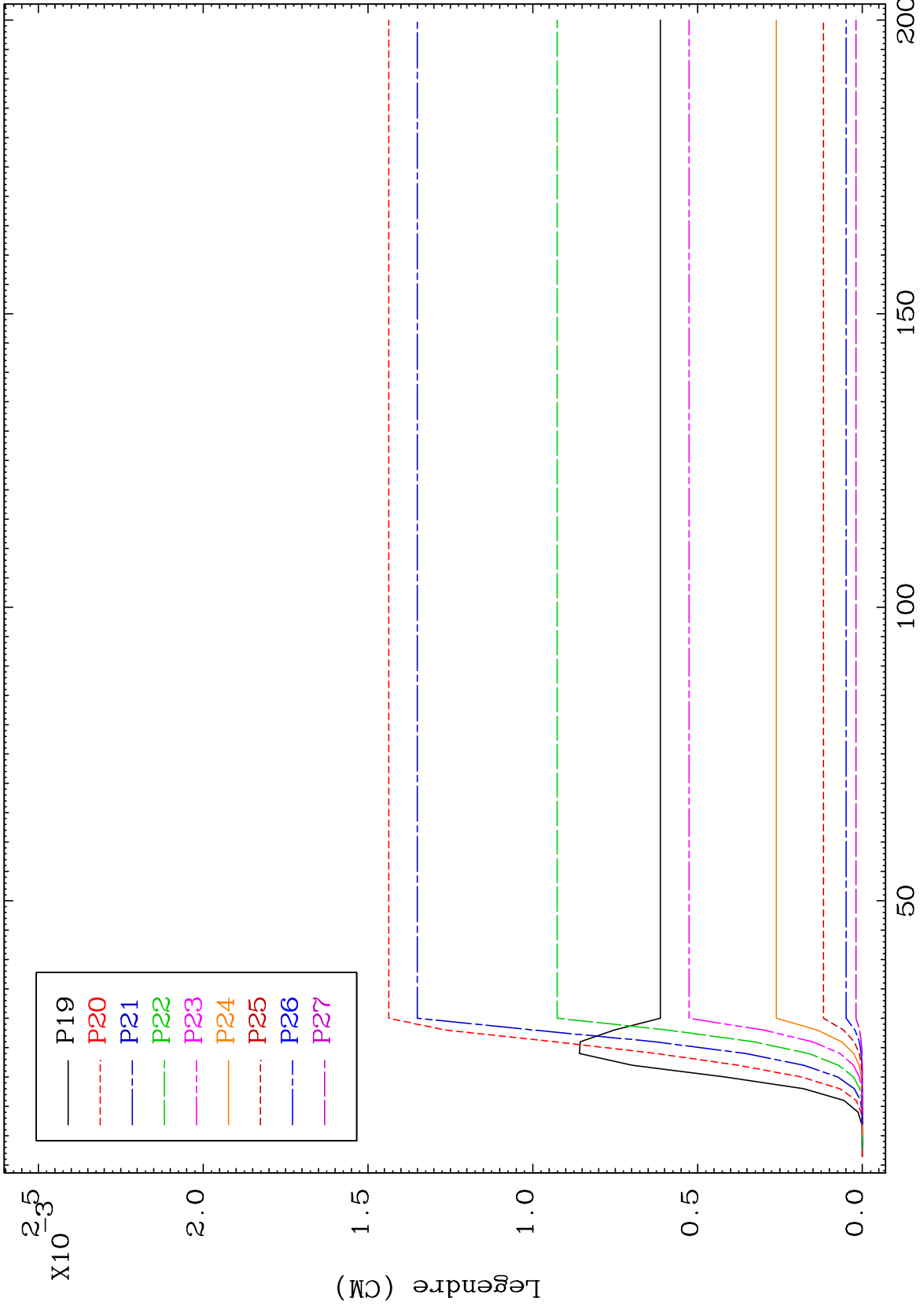


88 64-Gd-161

MAT 6452

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

64-Gd-161



89

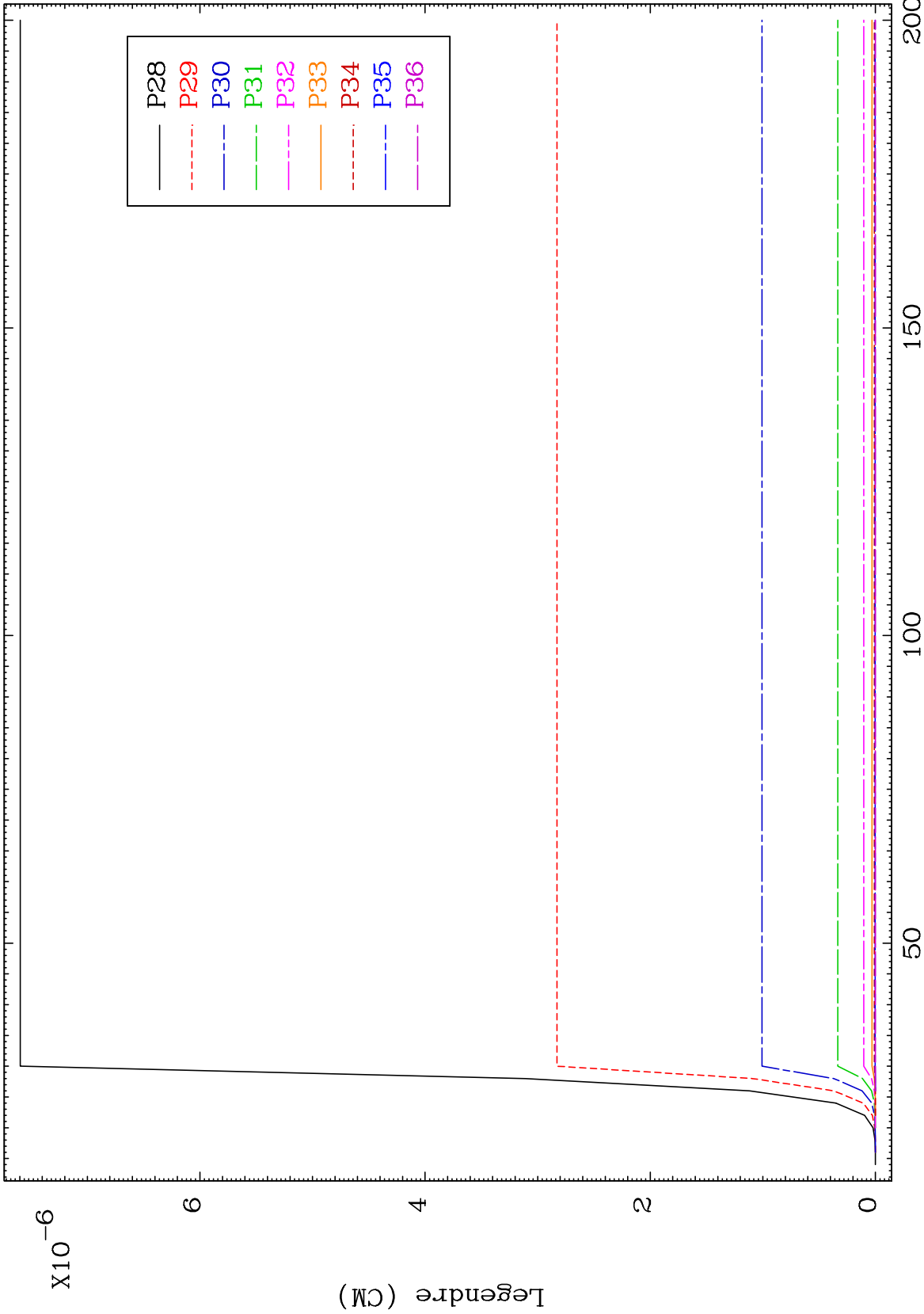
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



90

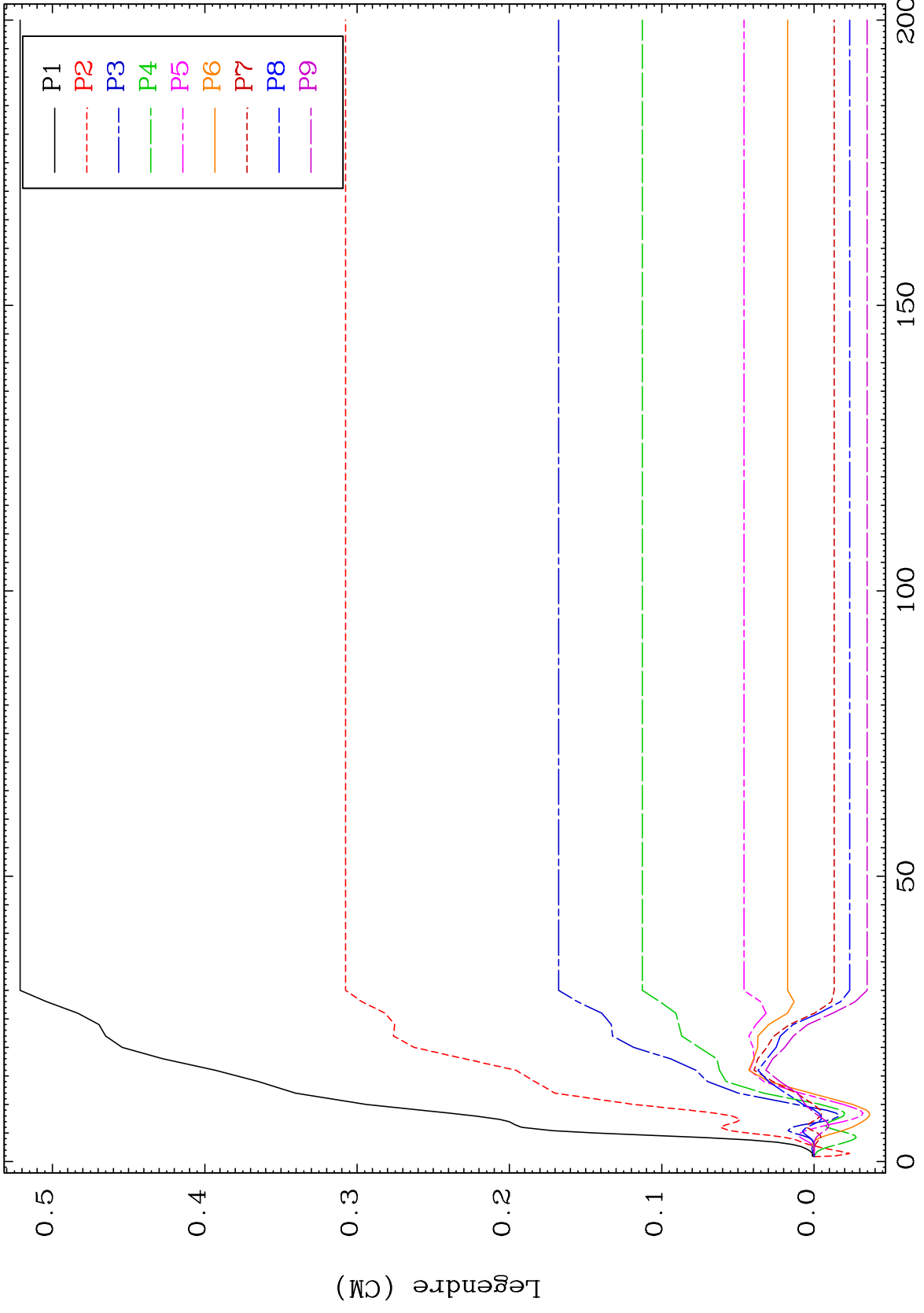
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



91

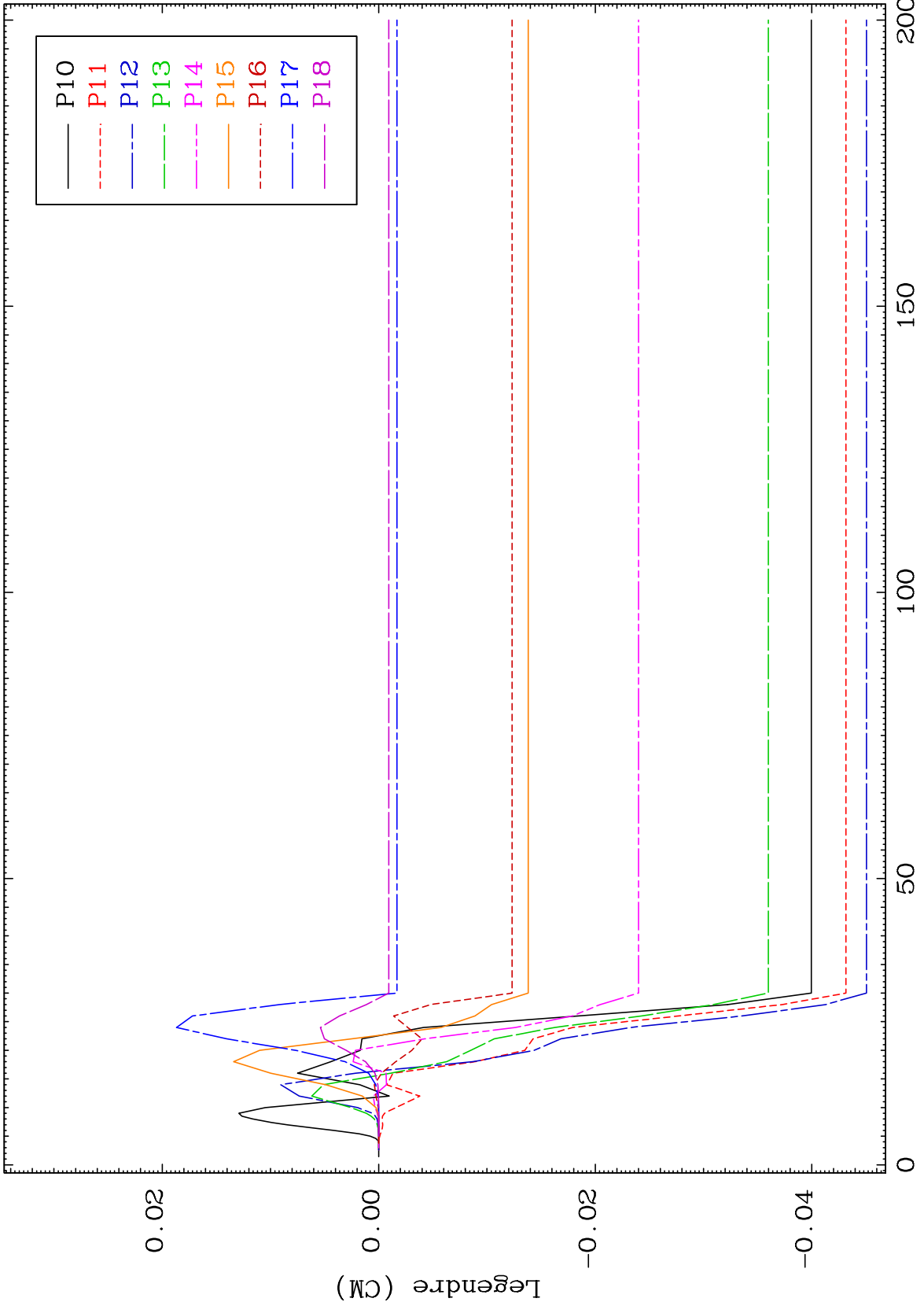
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



92

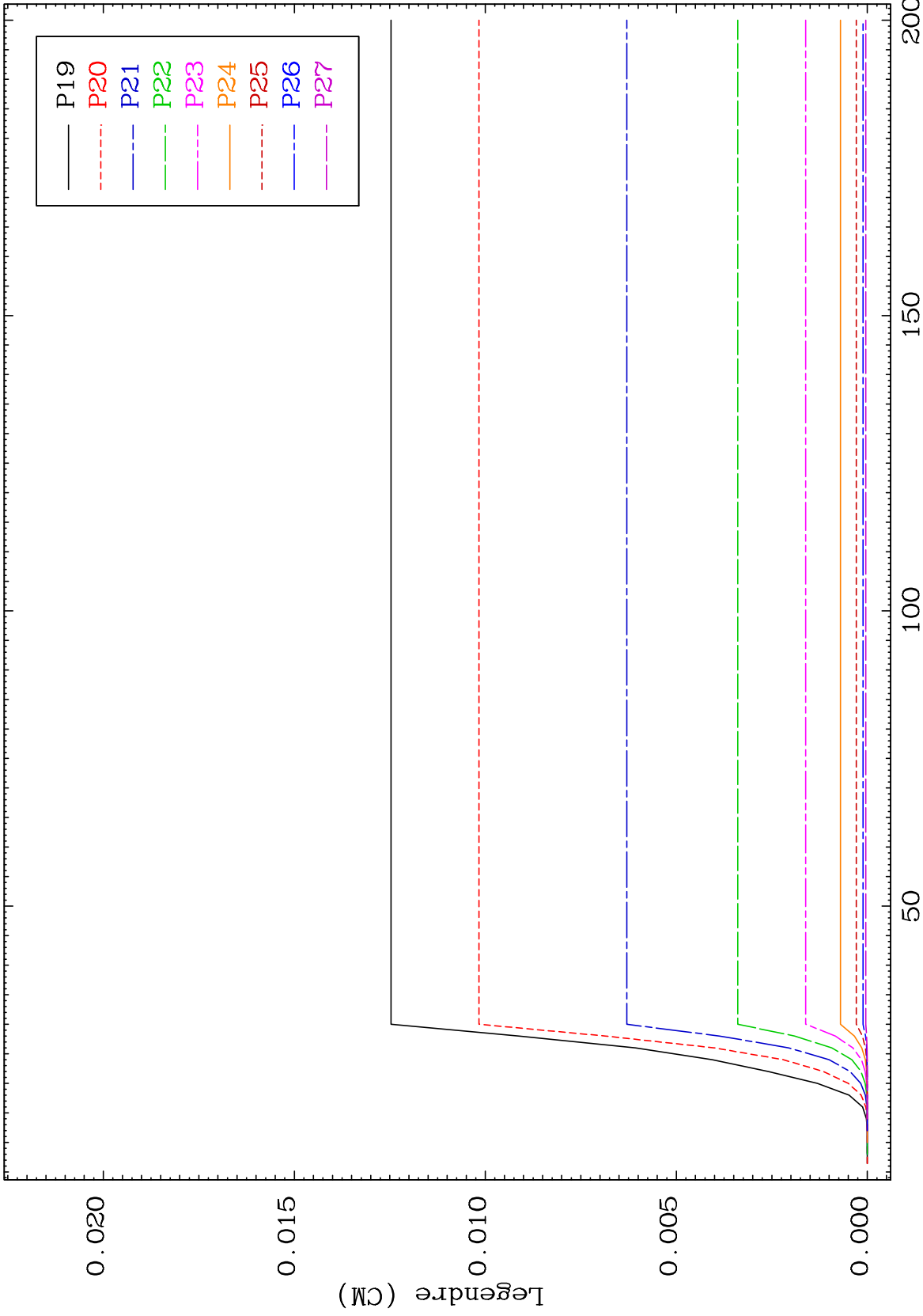
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



93

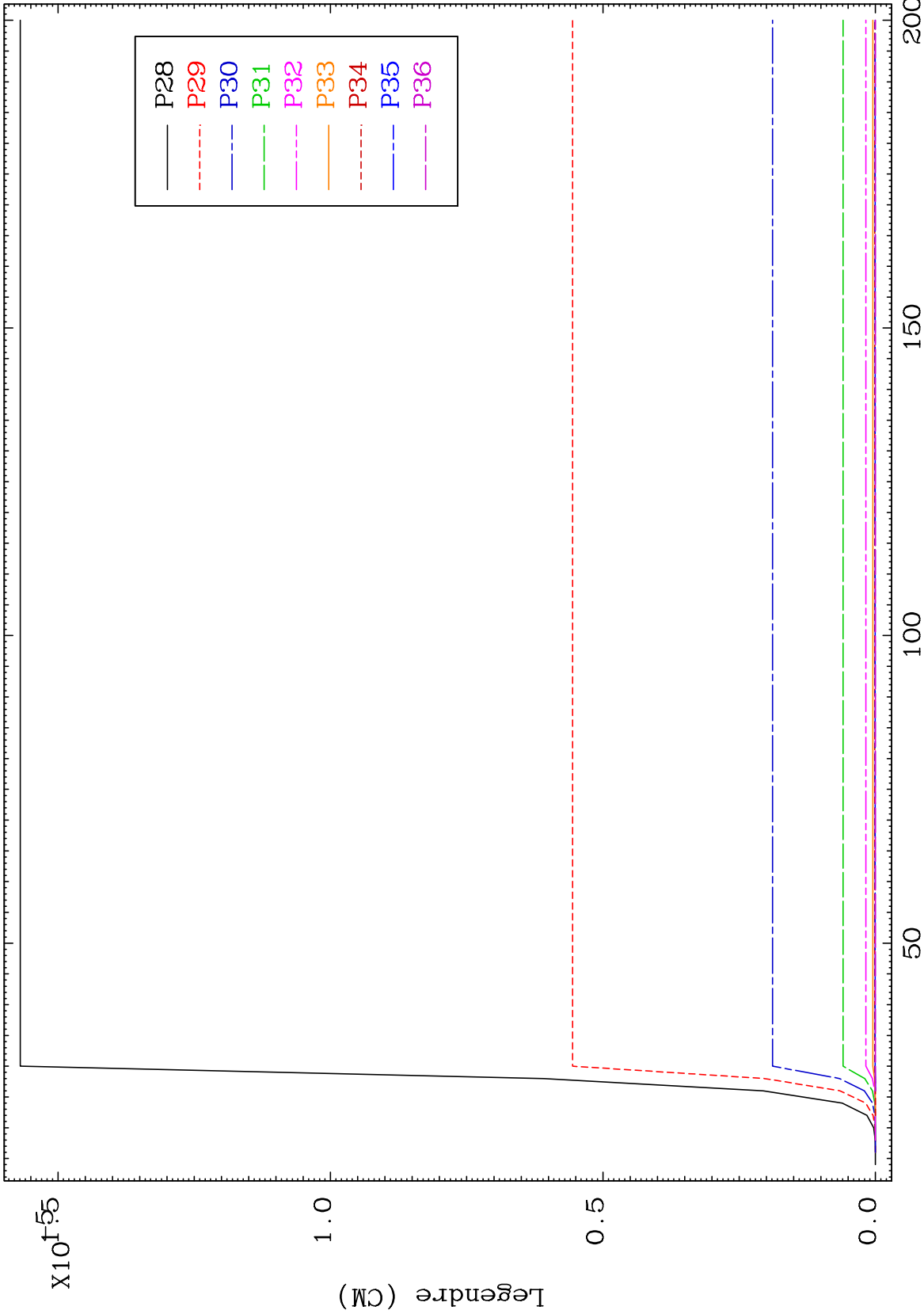
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



94

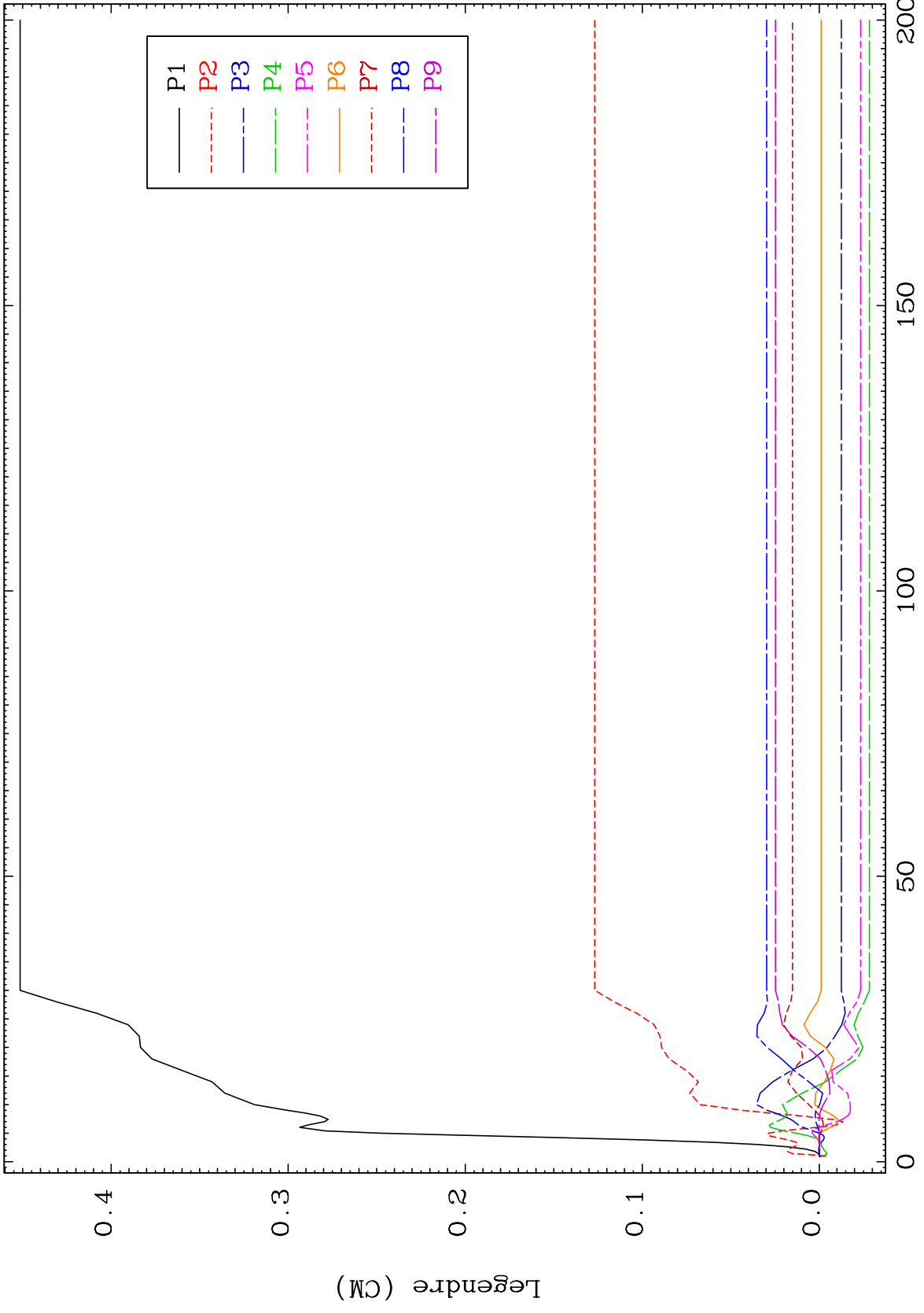
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



95

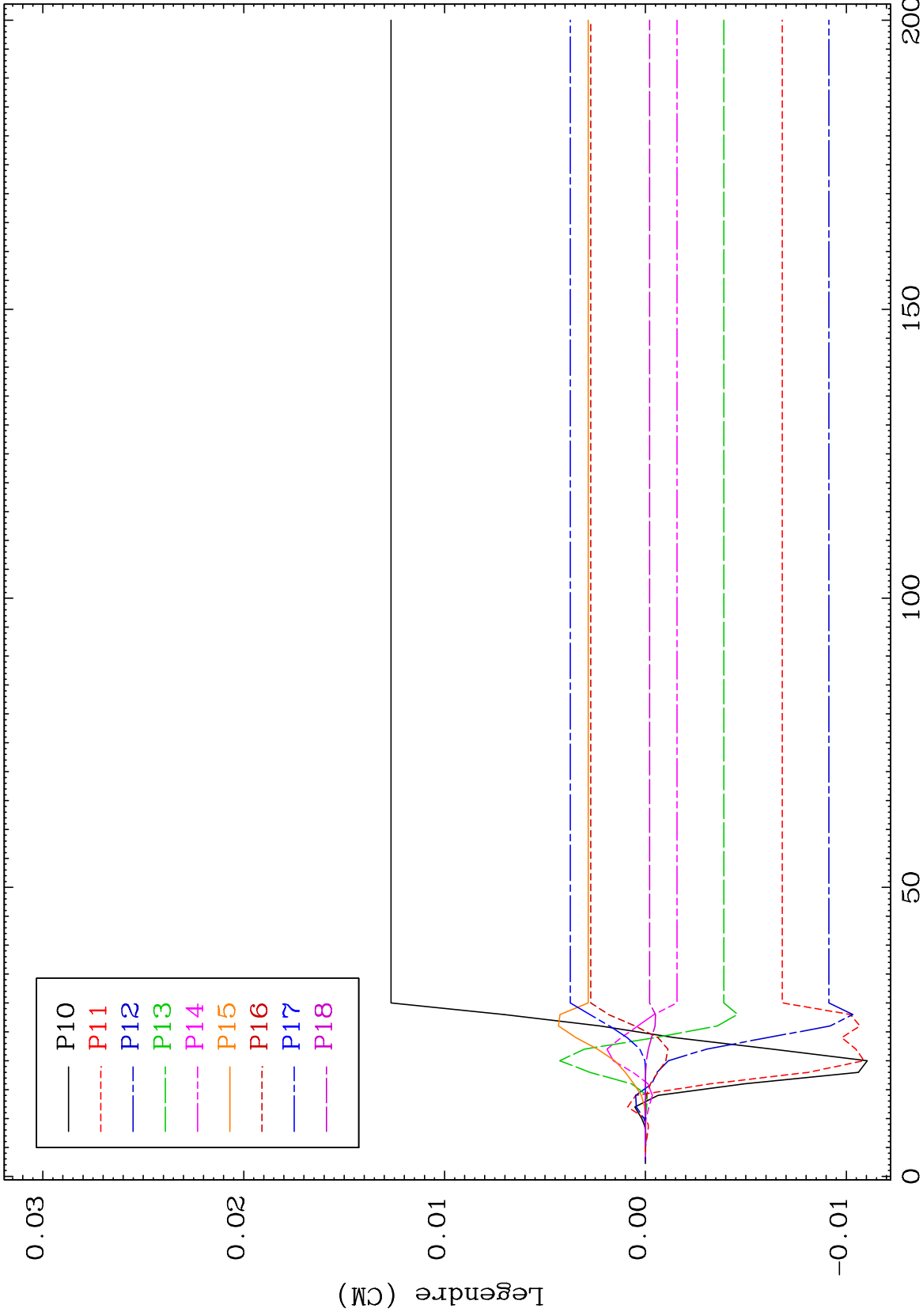
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161

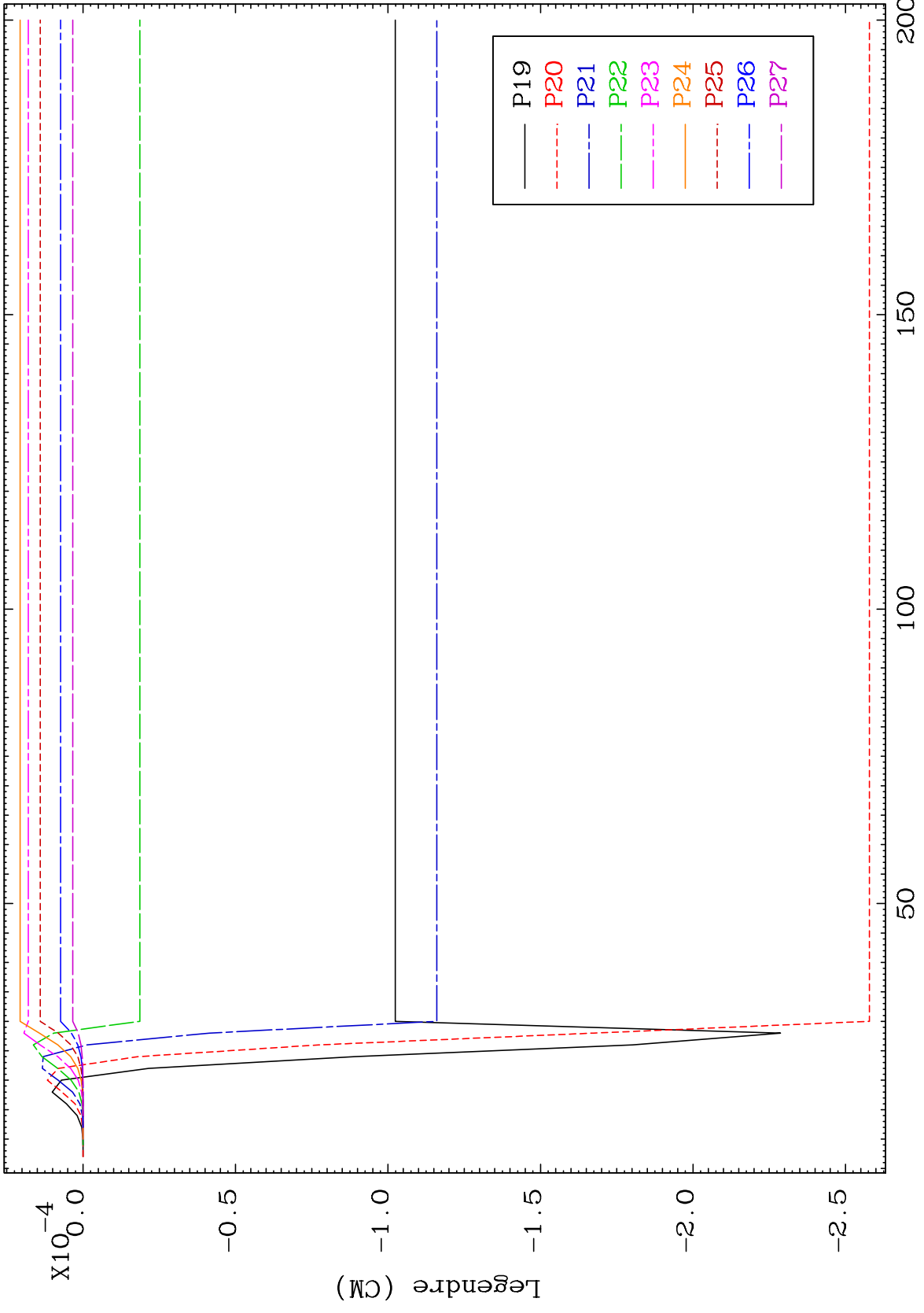


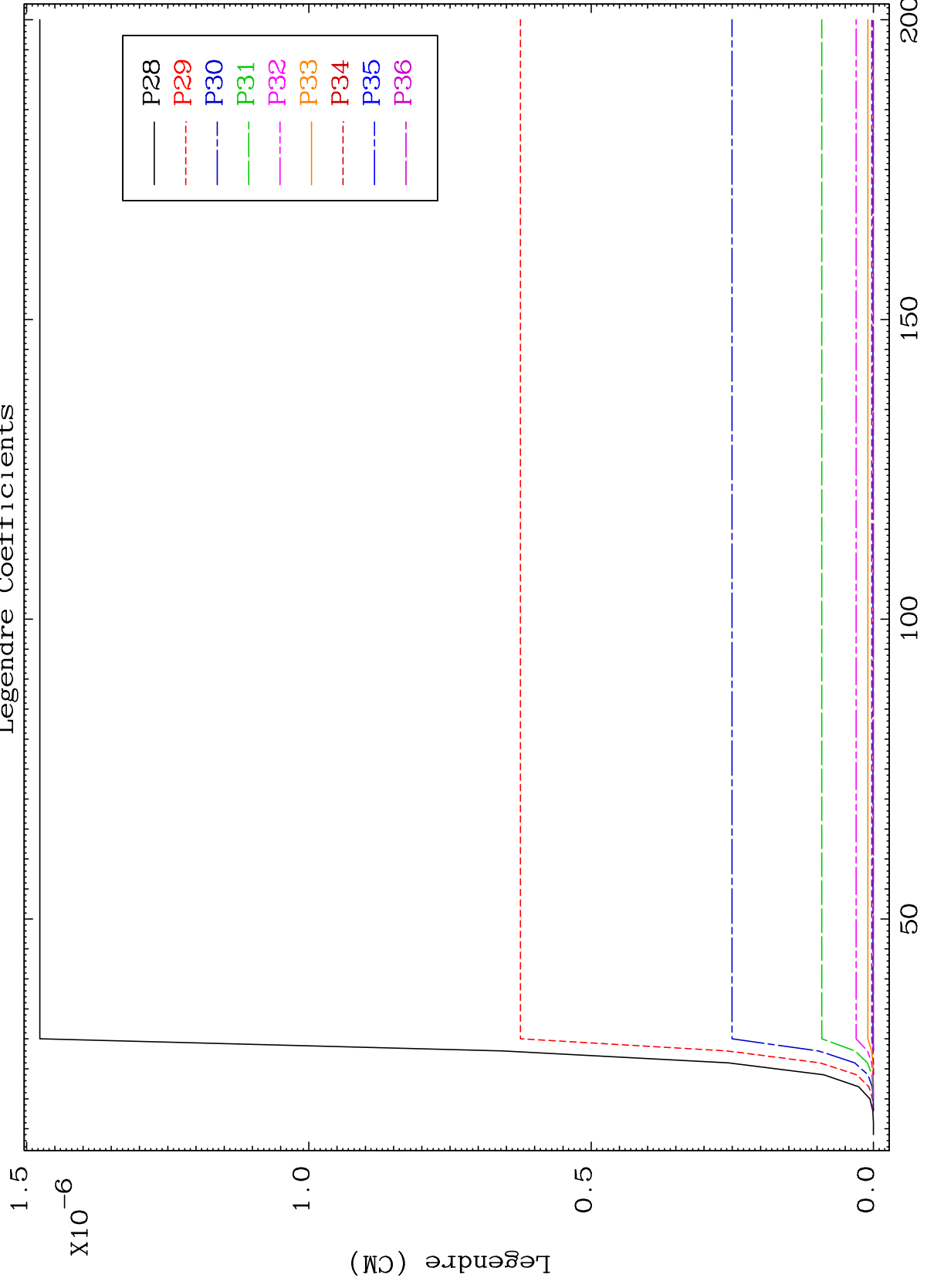
96

Incident Energy (MeV)

64-Gd-161

MAT 6452 MT= 70 (n,n') Level Legendre Coefficients 64-Gd-161

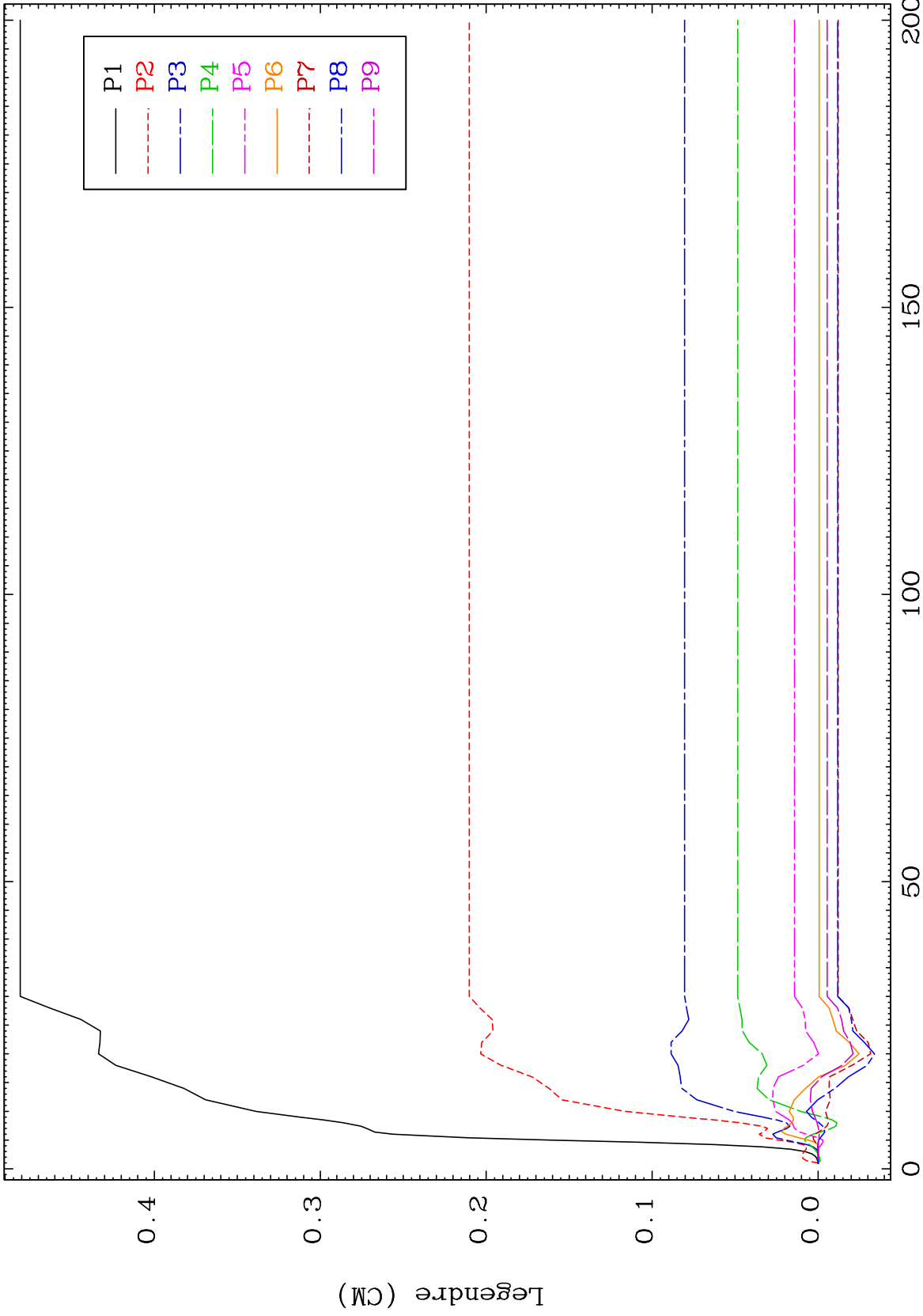




MAT 6452

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

64-Gd-161



99

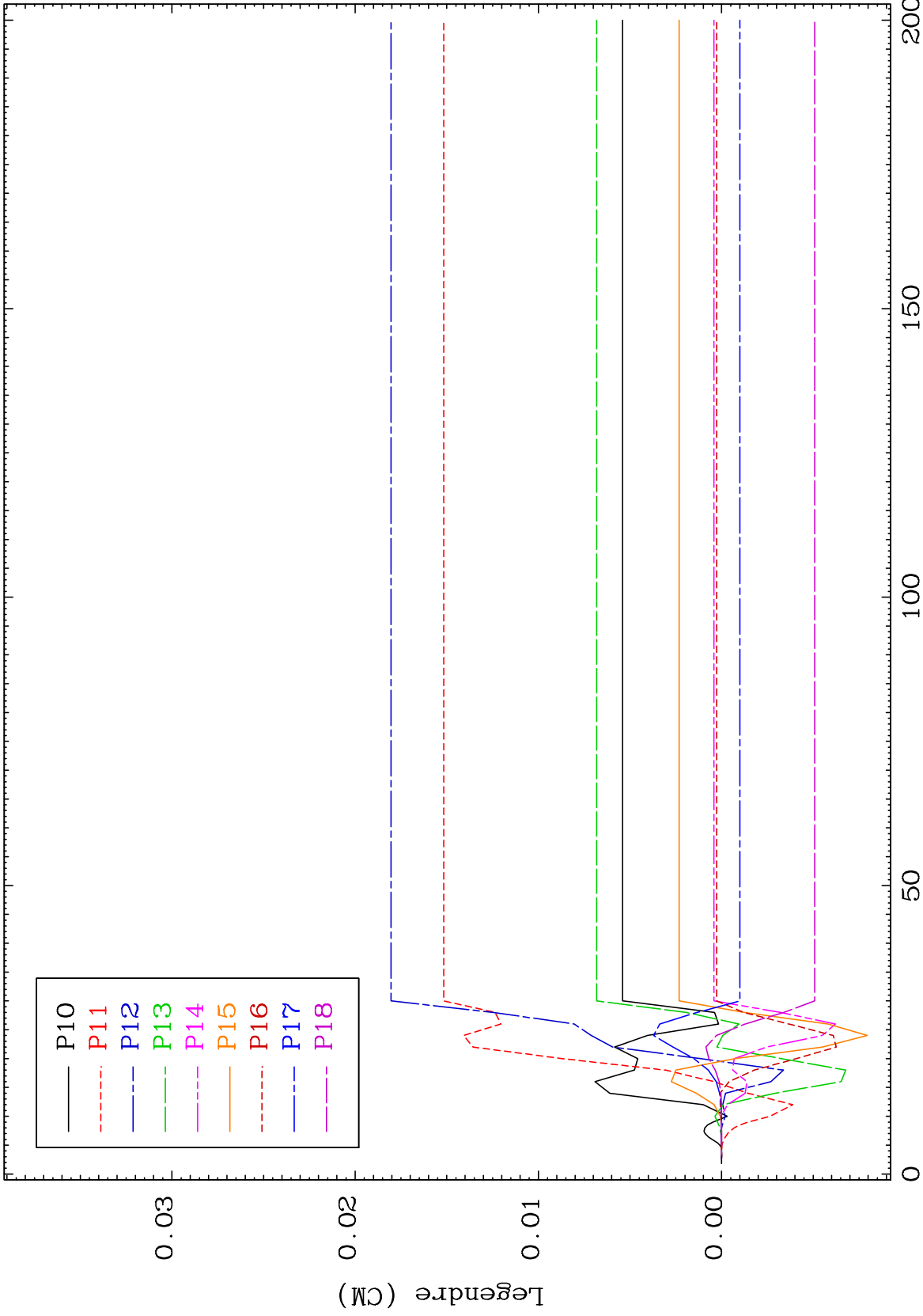
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



64-Gd-161

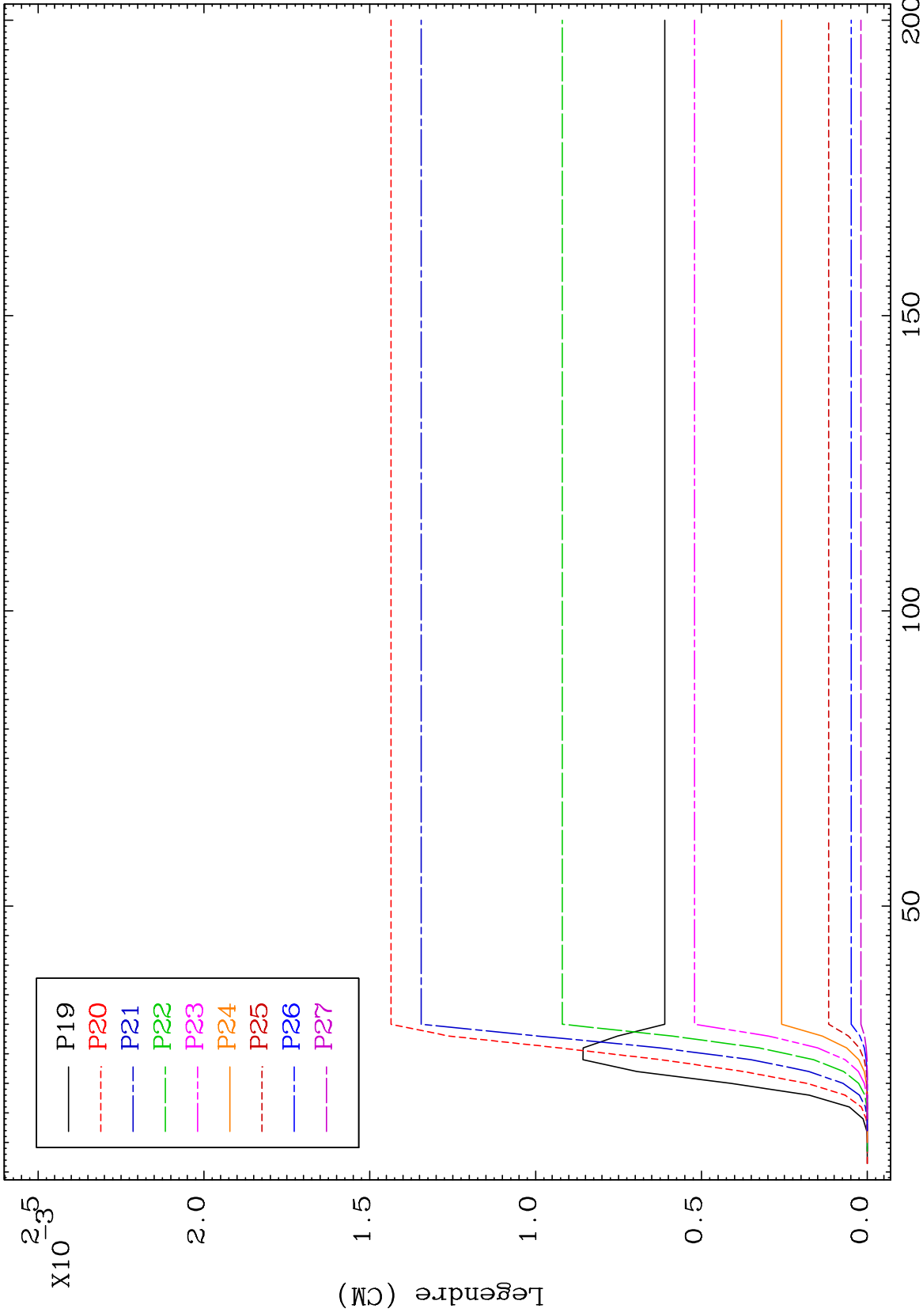
Incident Energy (MeV)

100

MAT 6452

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

64-Gd-161



101

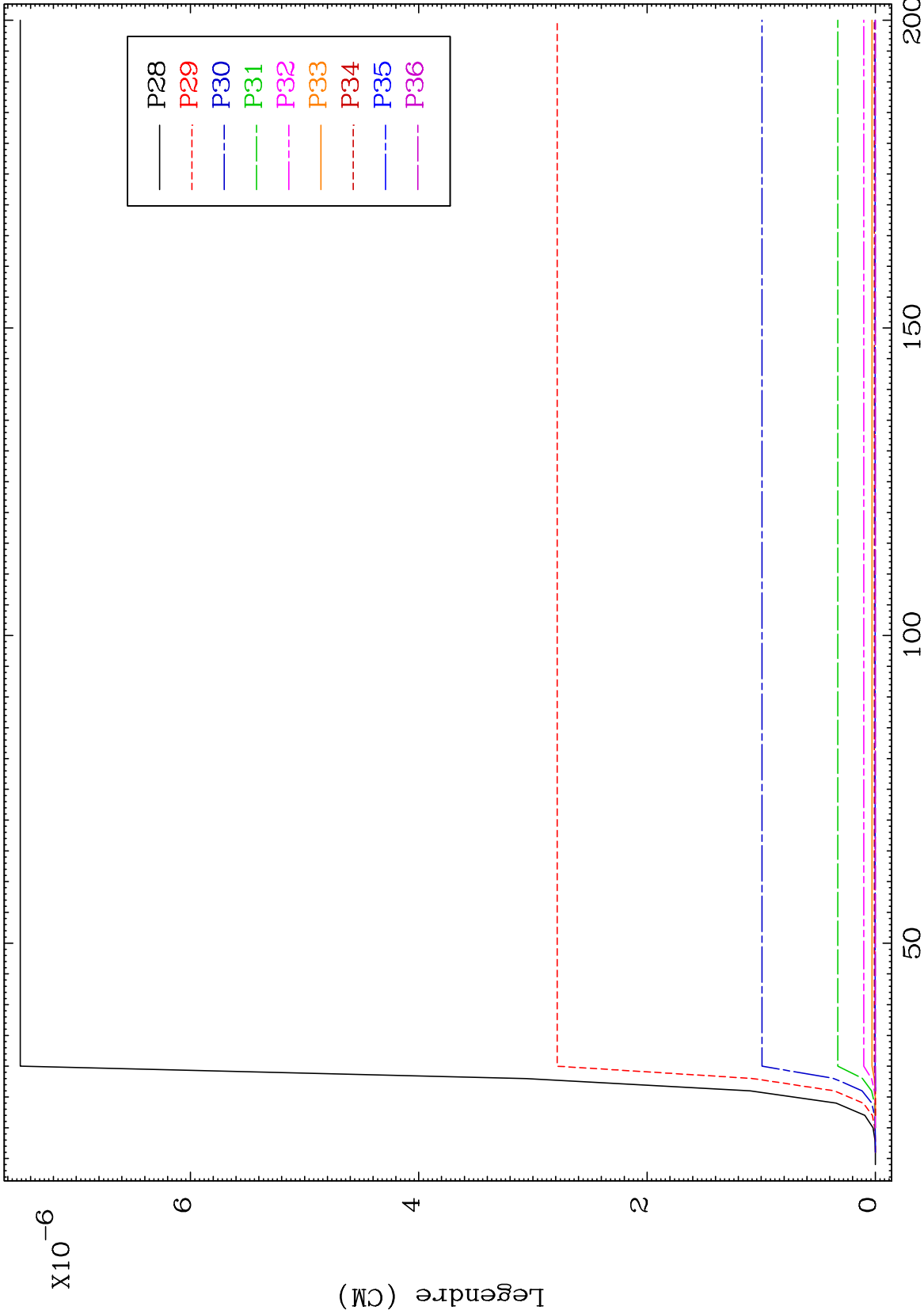
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



102

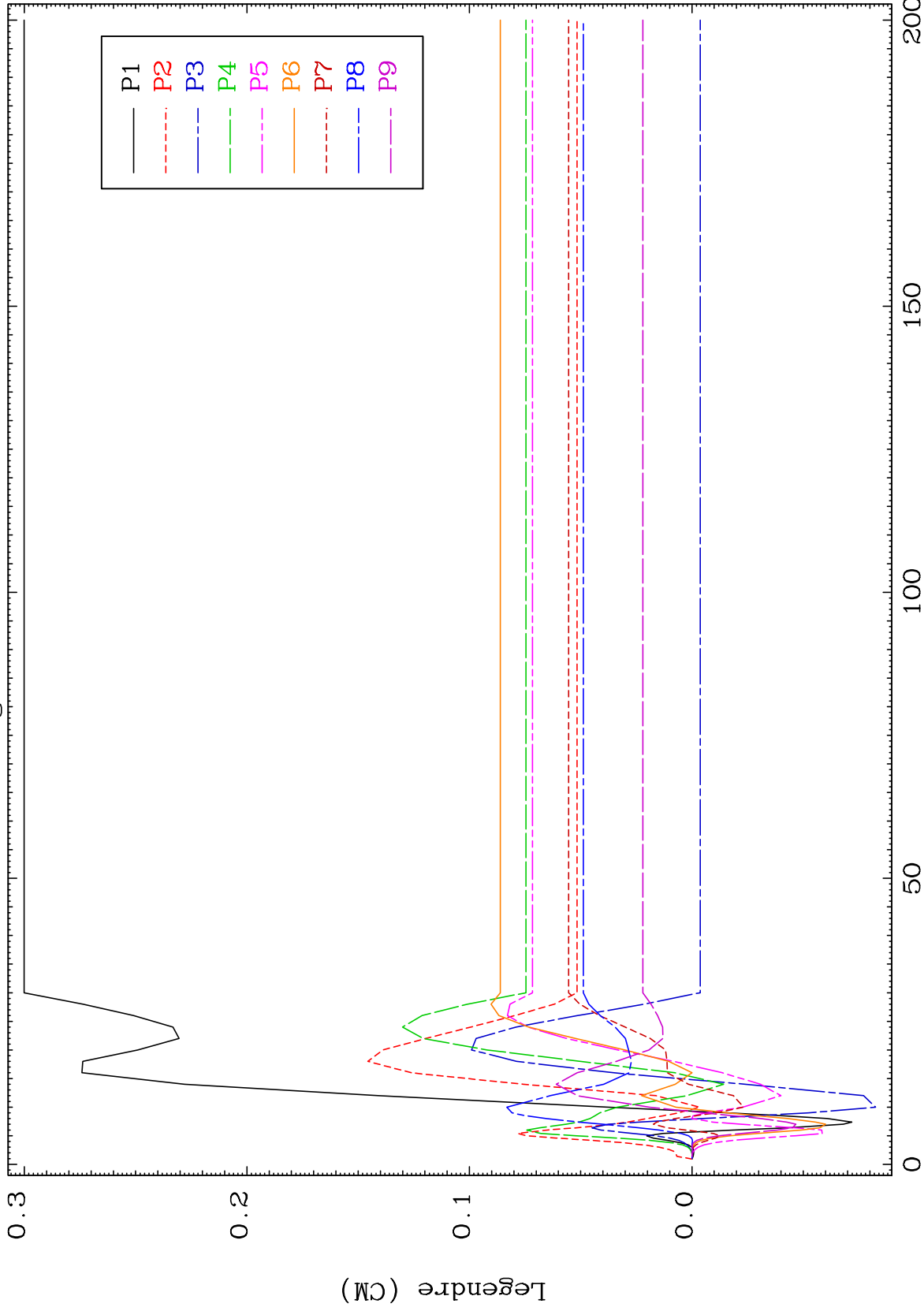
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



64-Gd-161

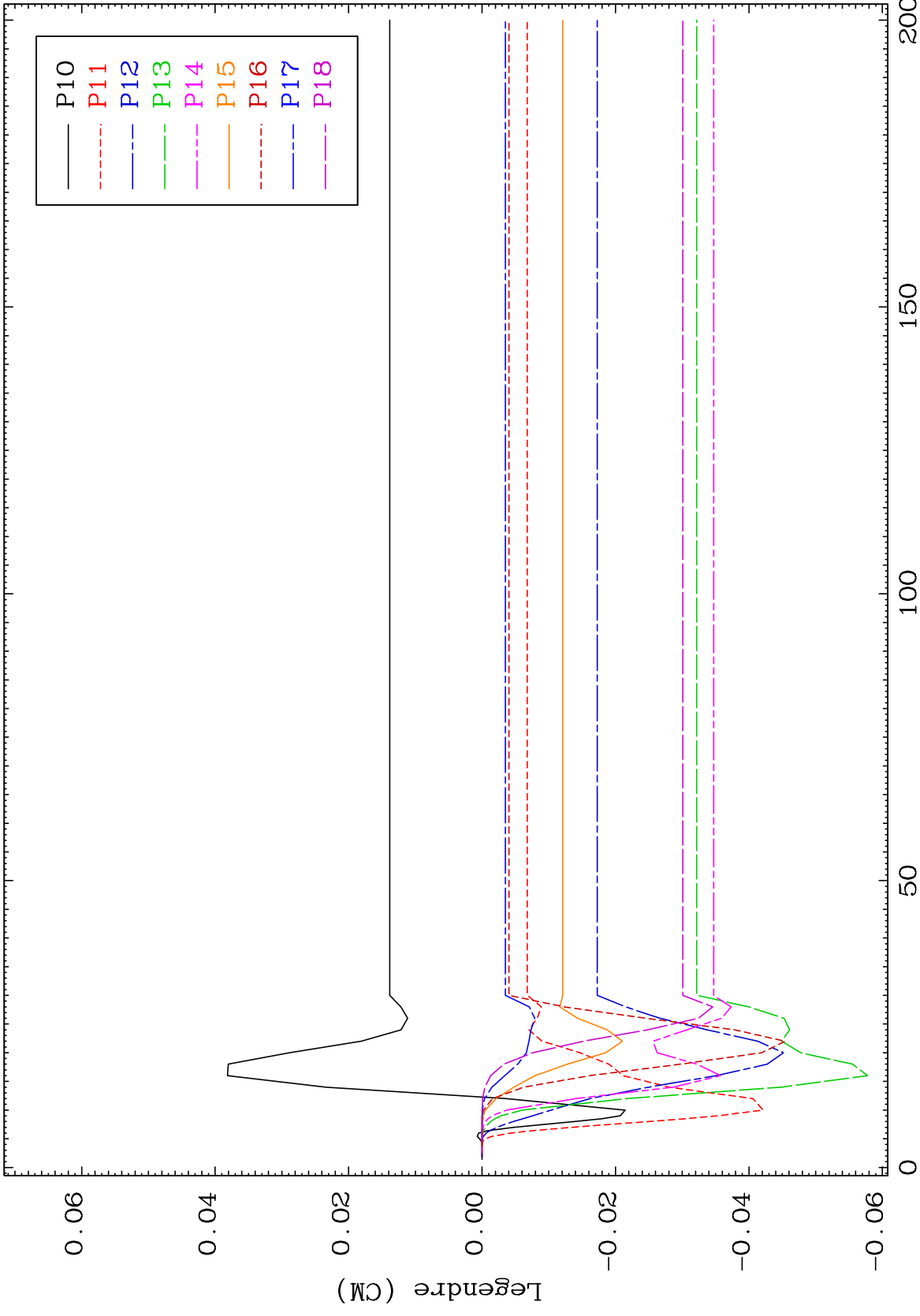
Incident Energy (MeV)

103

MAT 6452

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

64-Gd-161



104

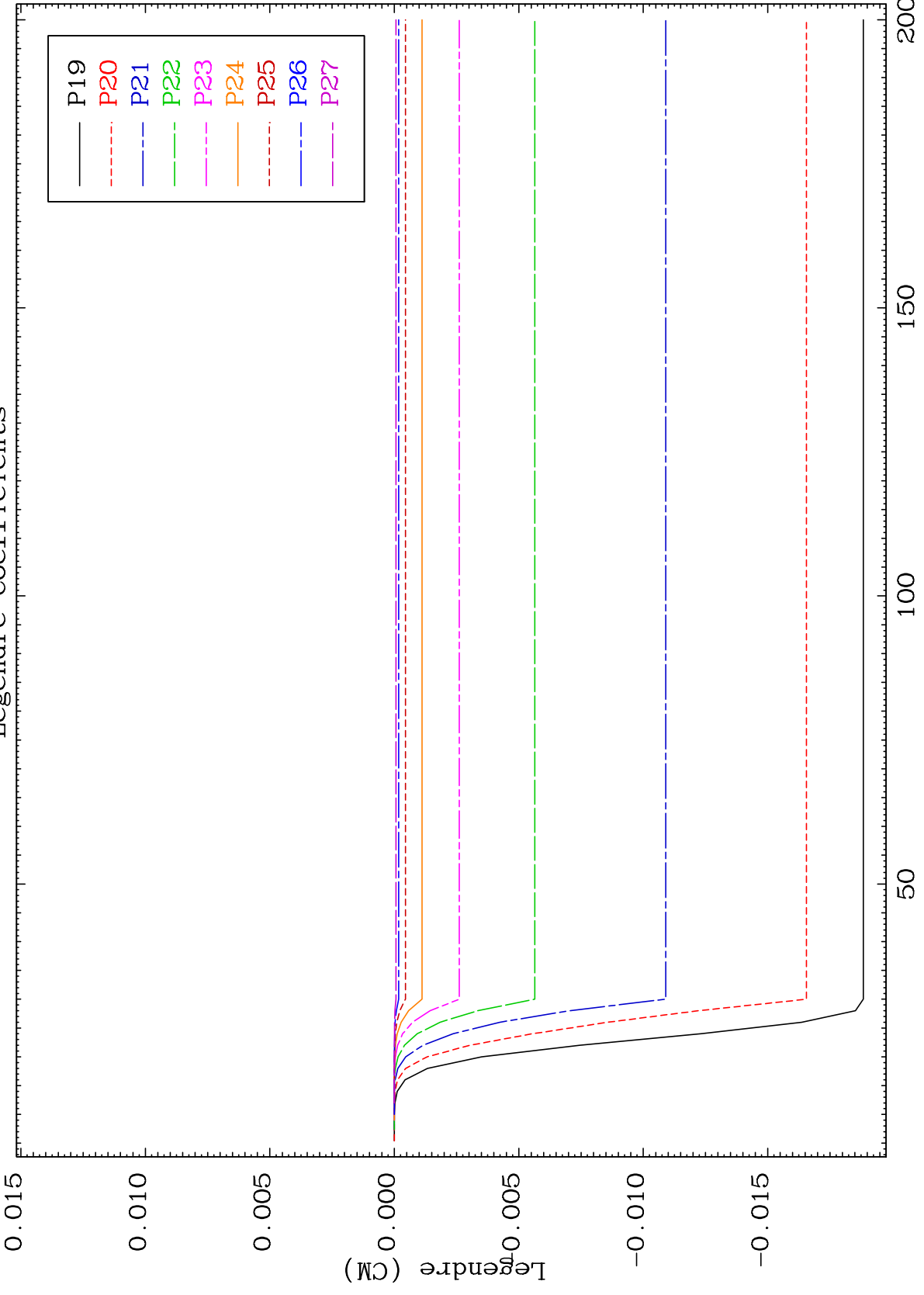
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161

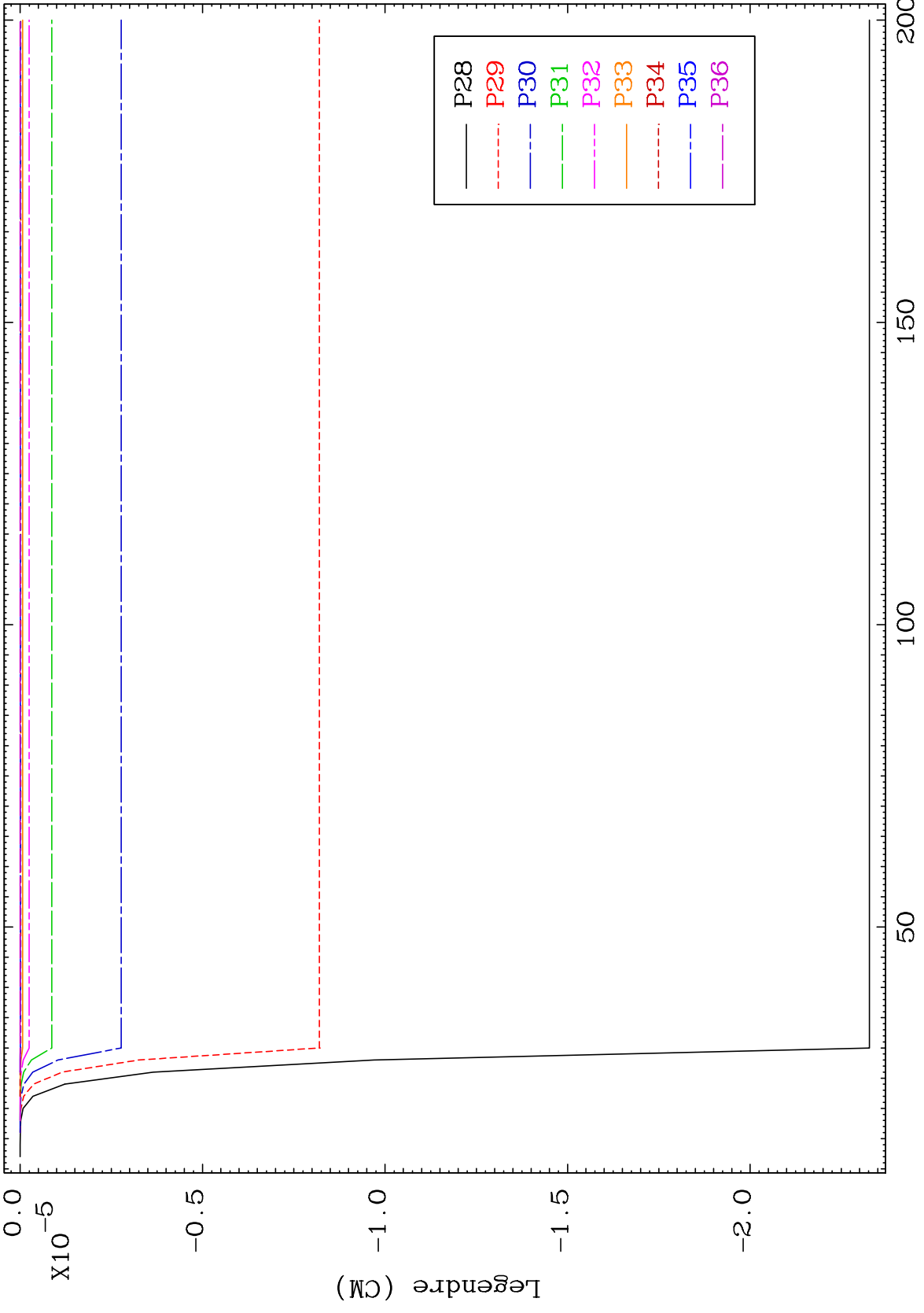


105

Incident Energy (MeV)

64-Gd-161

MAT 6452 MT= 72 (n,n') Level Legendre Coefficients 64-Gd-161

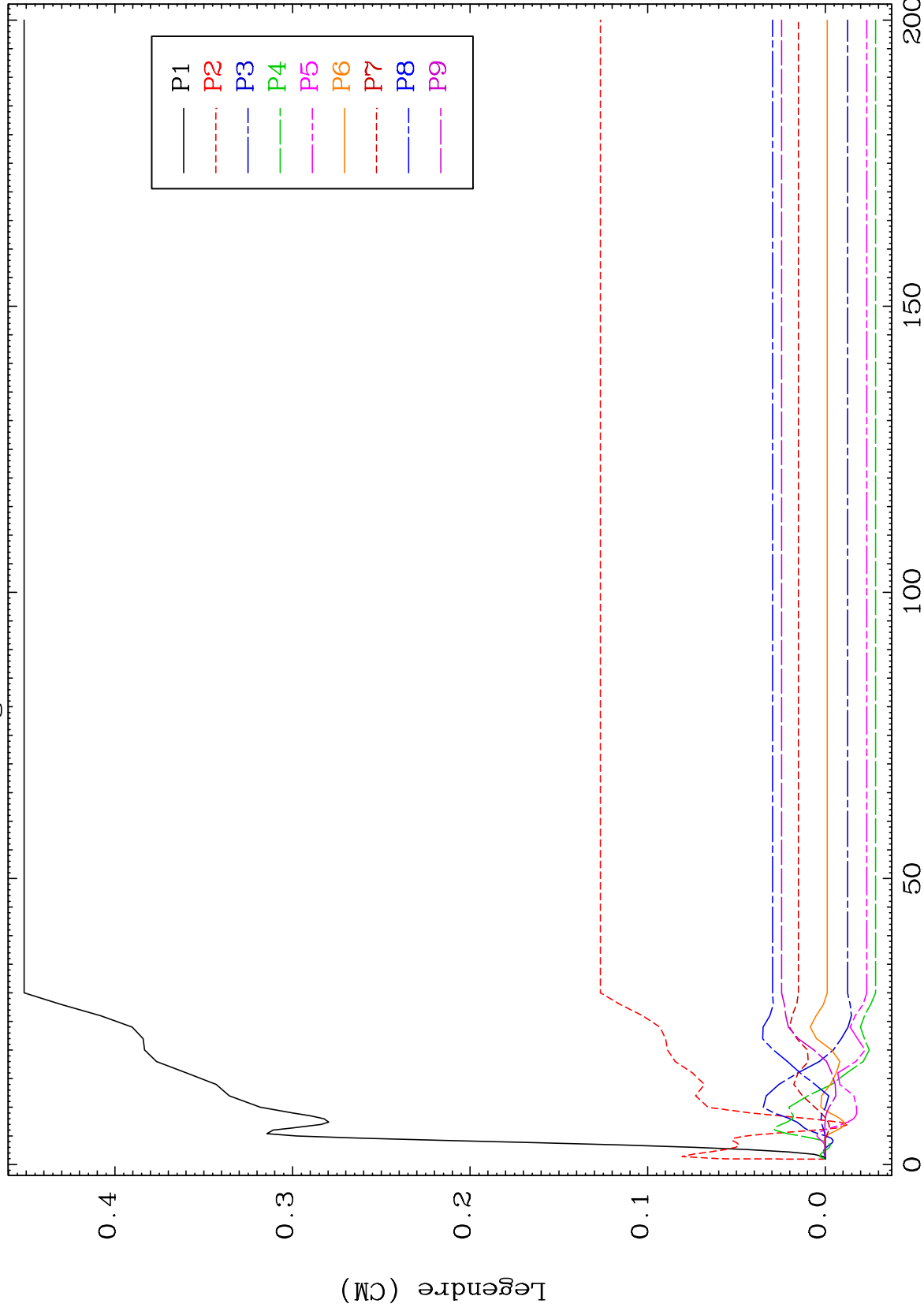


106 64-Gd-161

MAT 6452

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

64-Gd-161



107

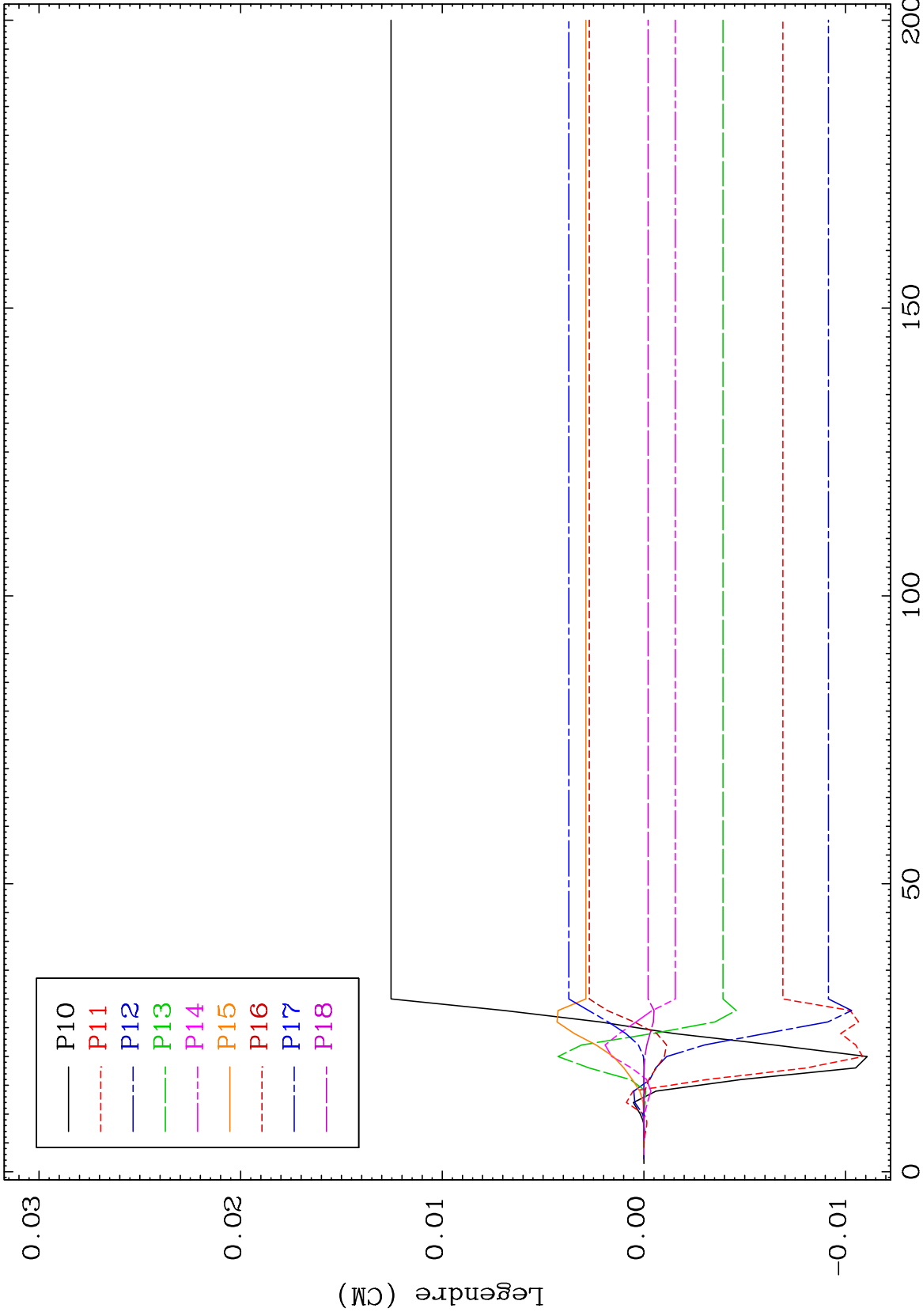
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

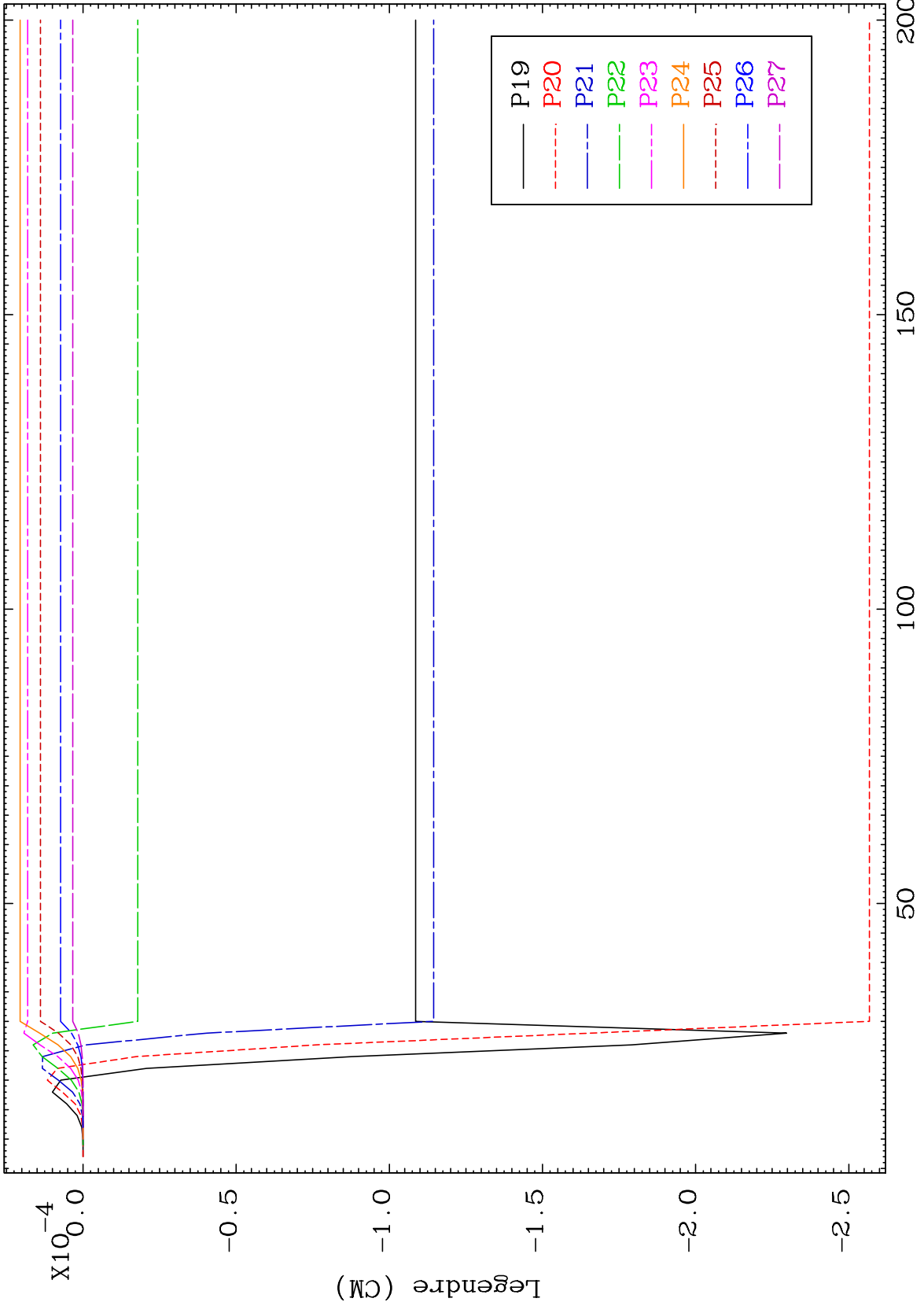
64-Gd-161



108

Incident Energy (MeV)

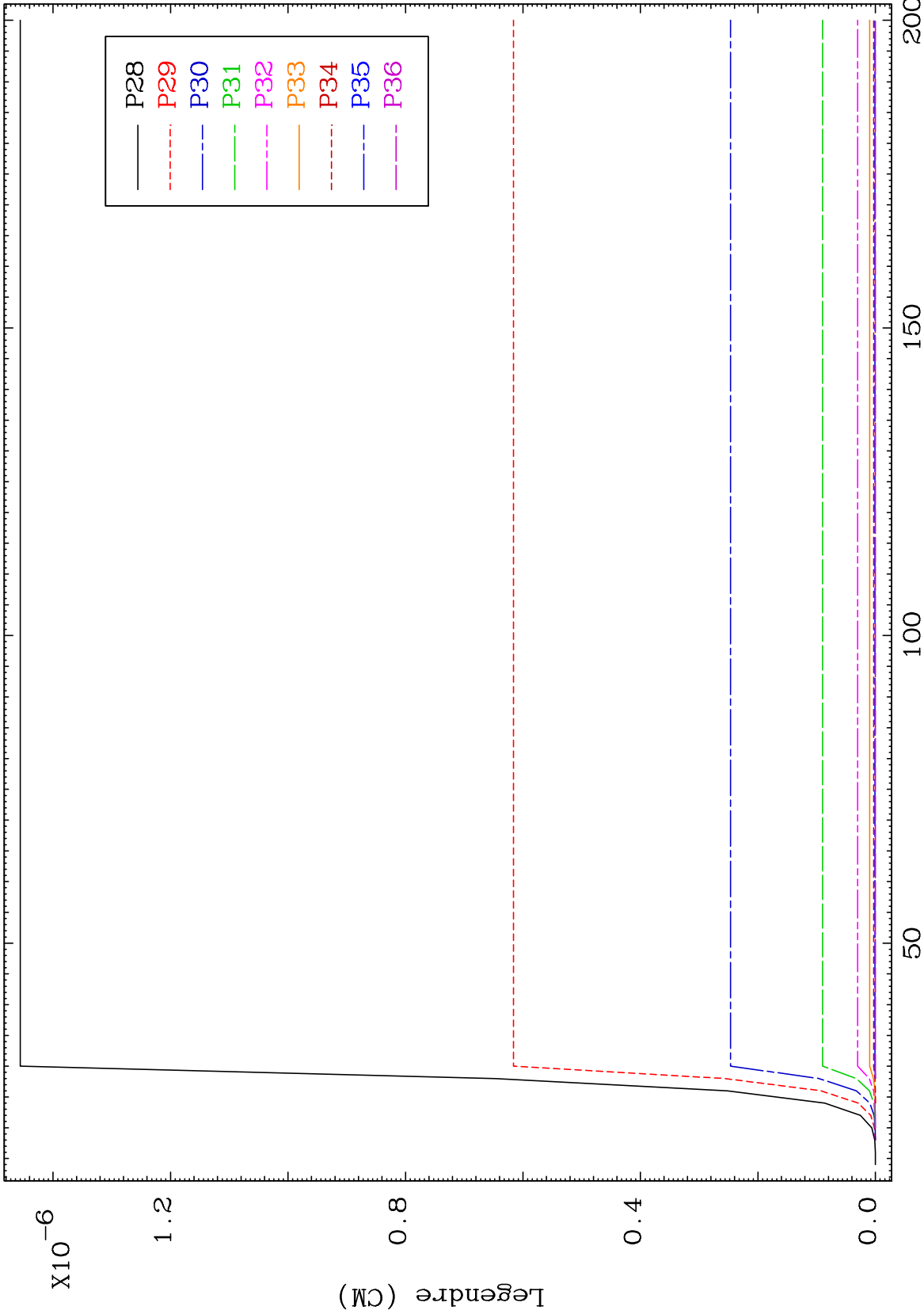
64-Gd-161



MAT 6452

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

64-Gd-161

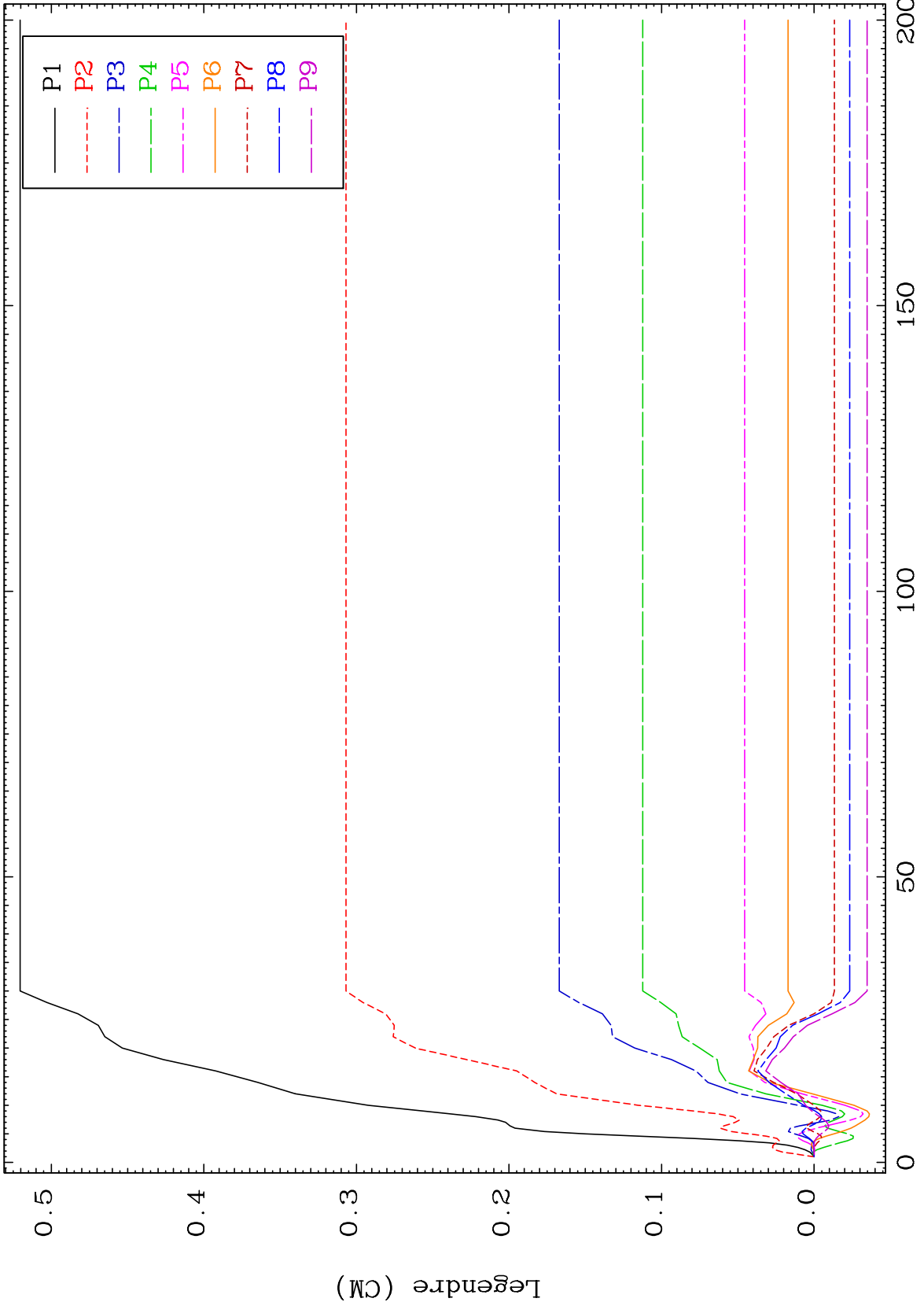


110

Incident Energy (MeV)

64-Gd-161

MAT 6452 MT= 74 (n,n') Level Legendre Coefficients 64-Gd-161

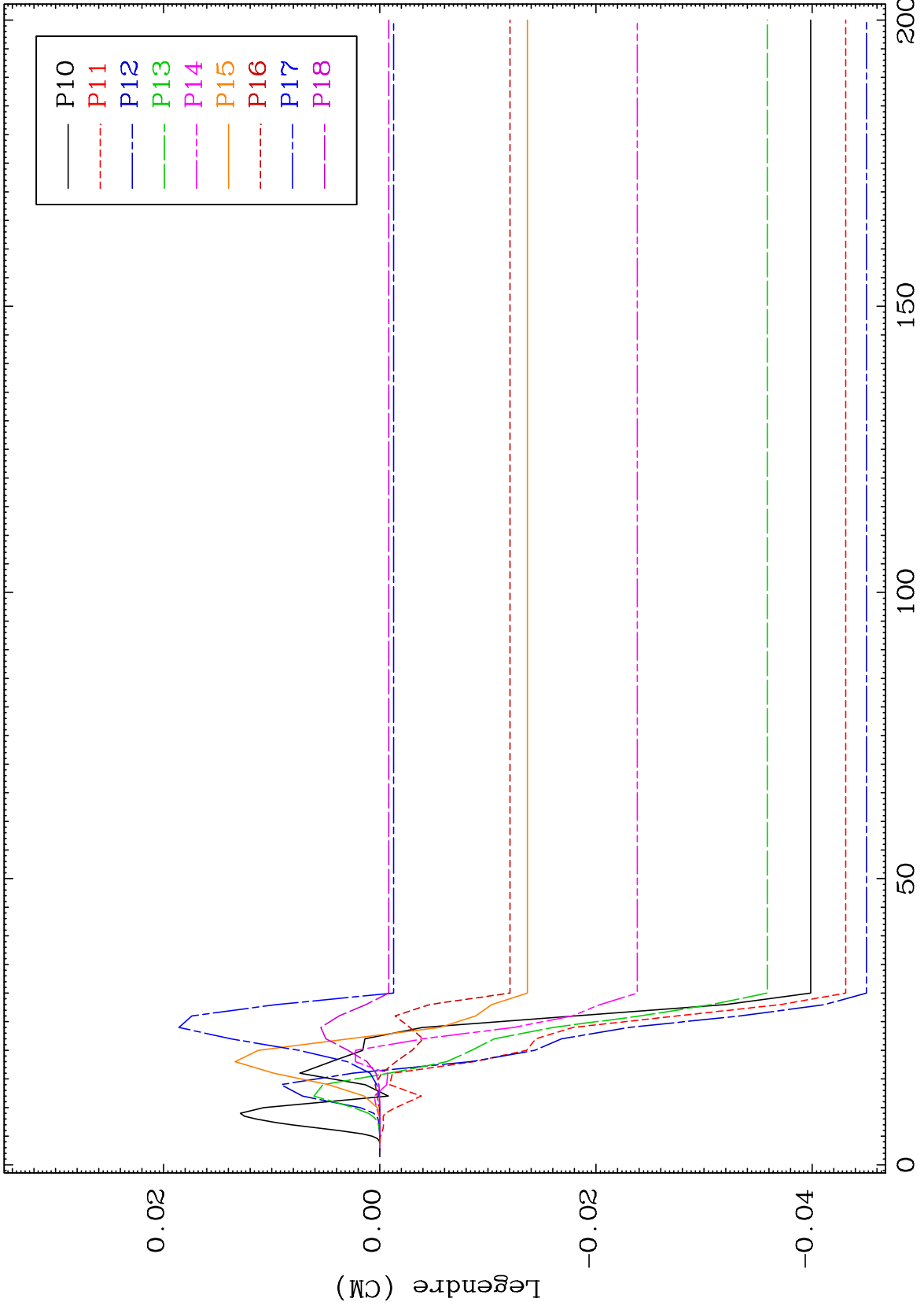


111 64-Gd-161

MAT 6452

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

64-Gd-161



112

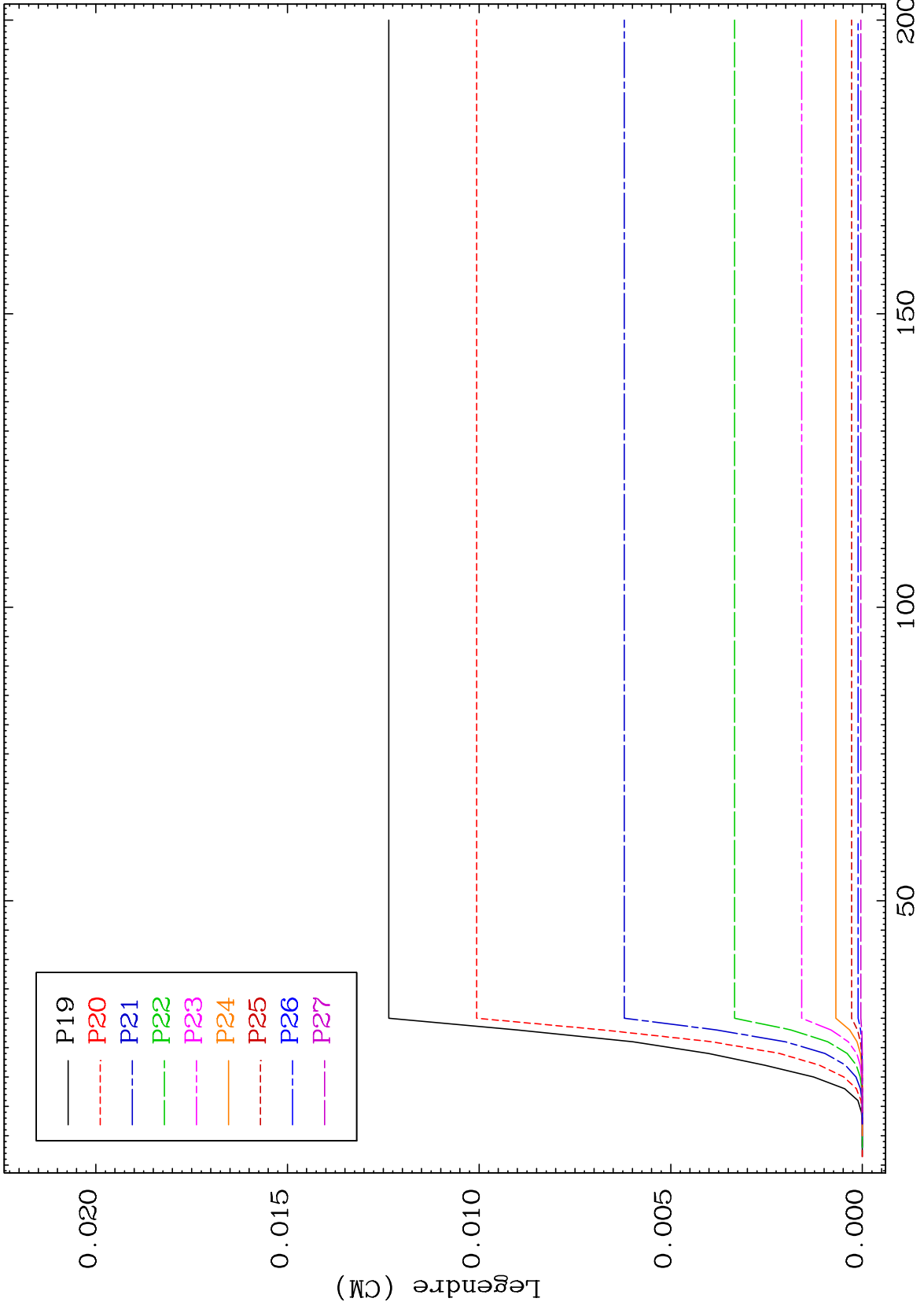
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



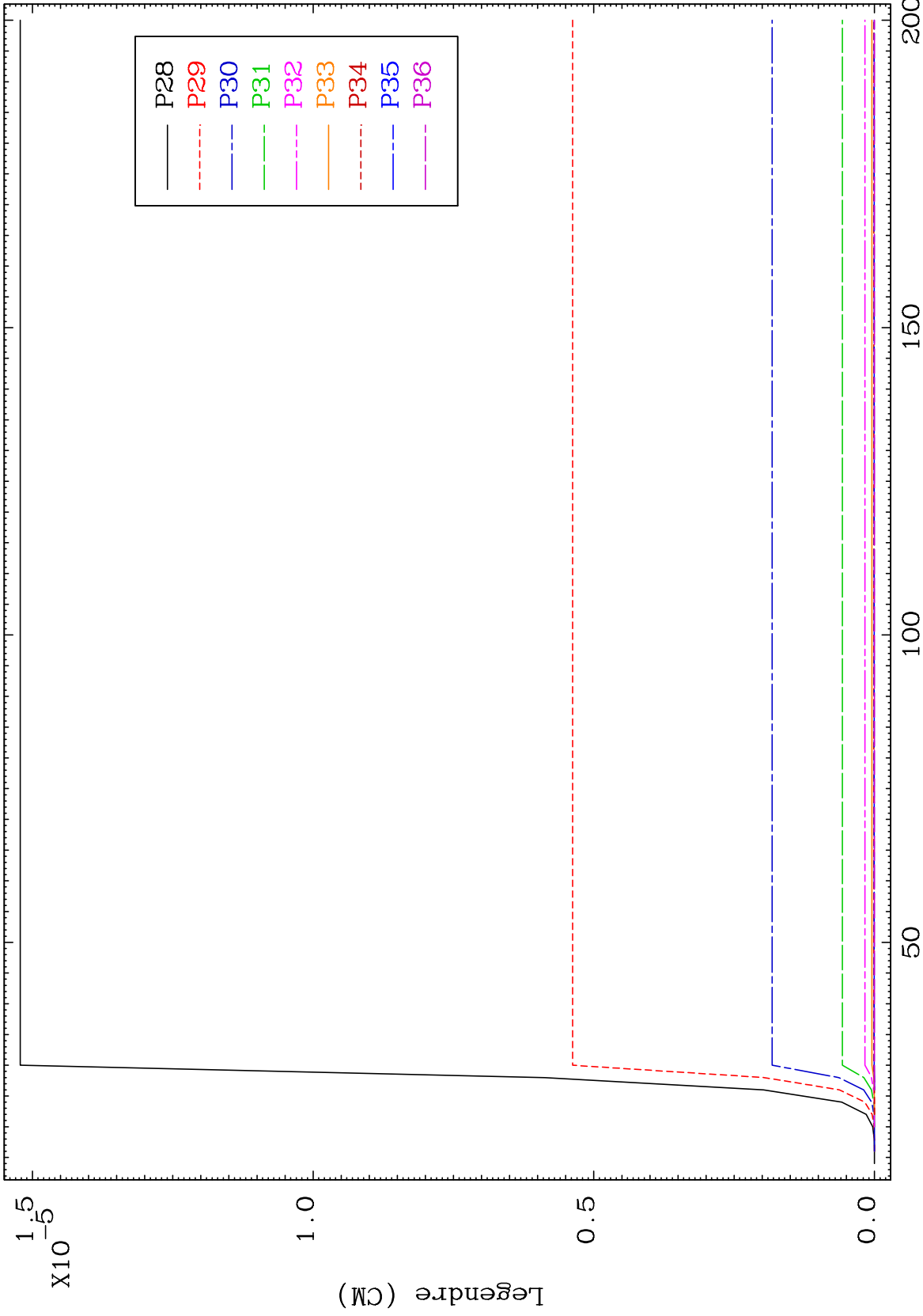
113

64-Gd-161

MAT 6452

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

64-Gd-161

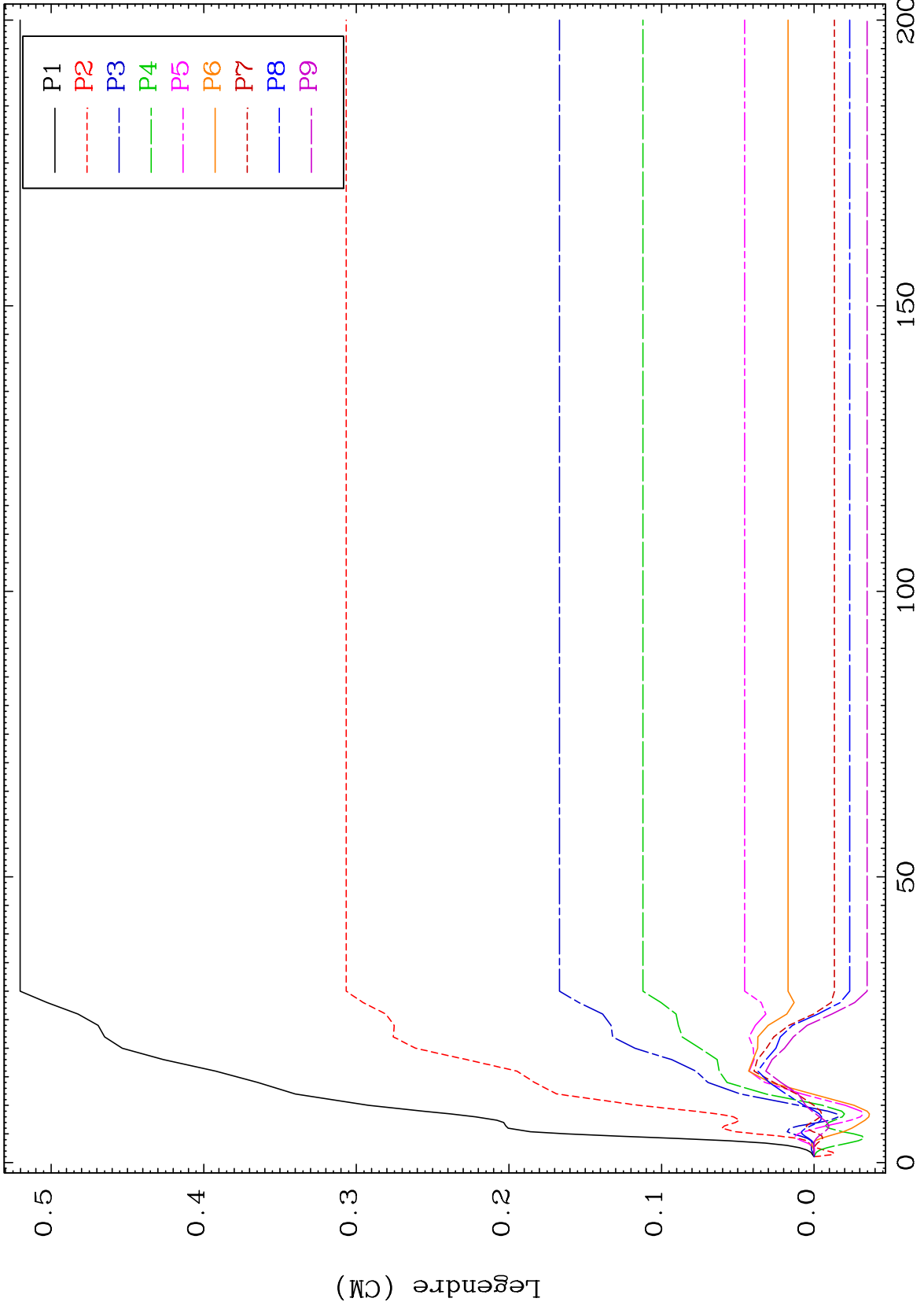


114

Incident Energy (MeV)

64-Gd-161

MAT 6452 MT= 75 (n,n') Level Legendre Coefficients 64-Gd-161

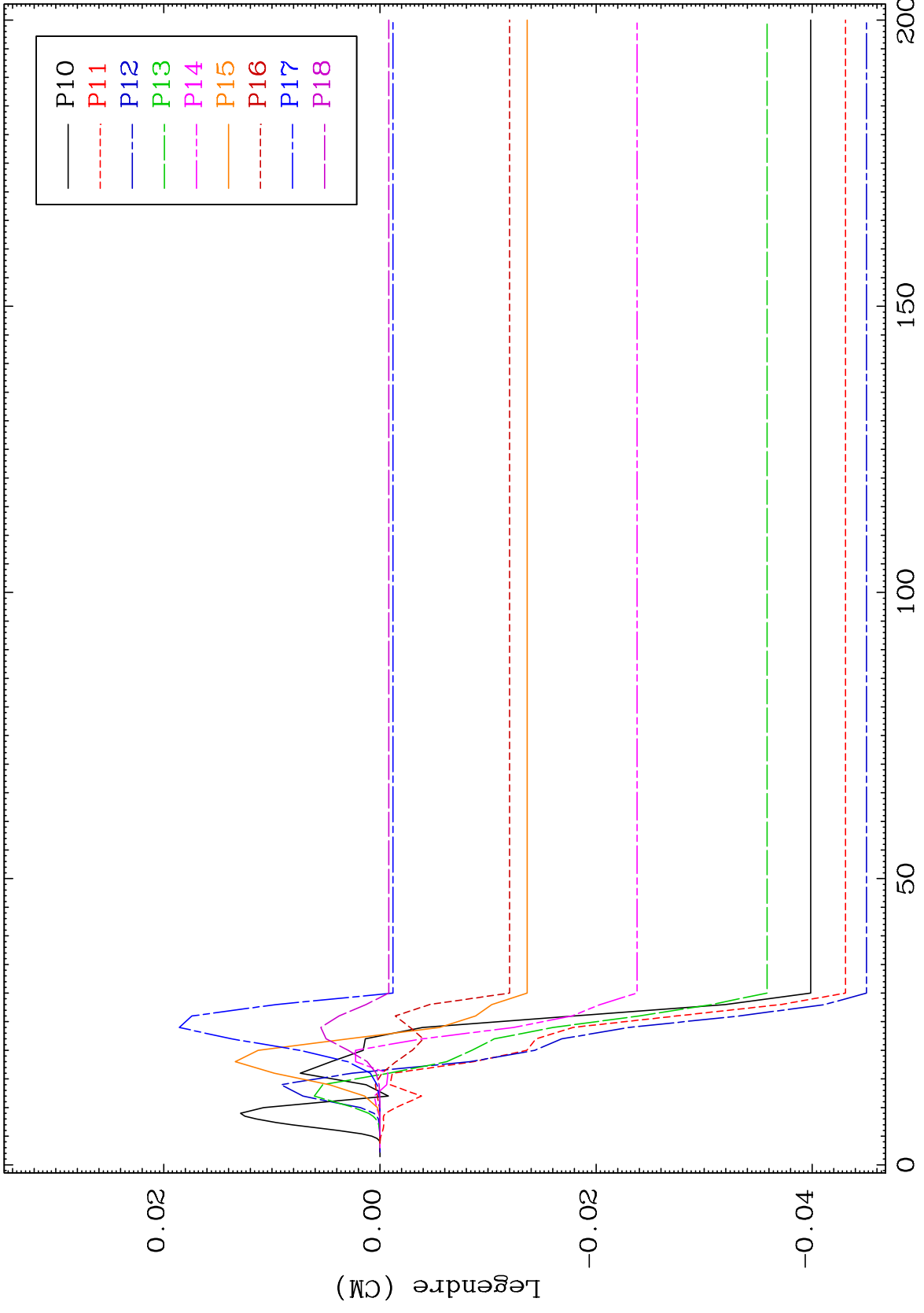


115 Incident Energy (MeV) 64-Gd-161

MAT 6452

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

64-Gd-161



116

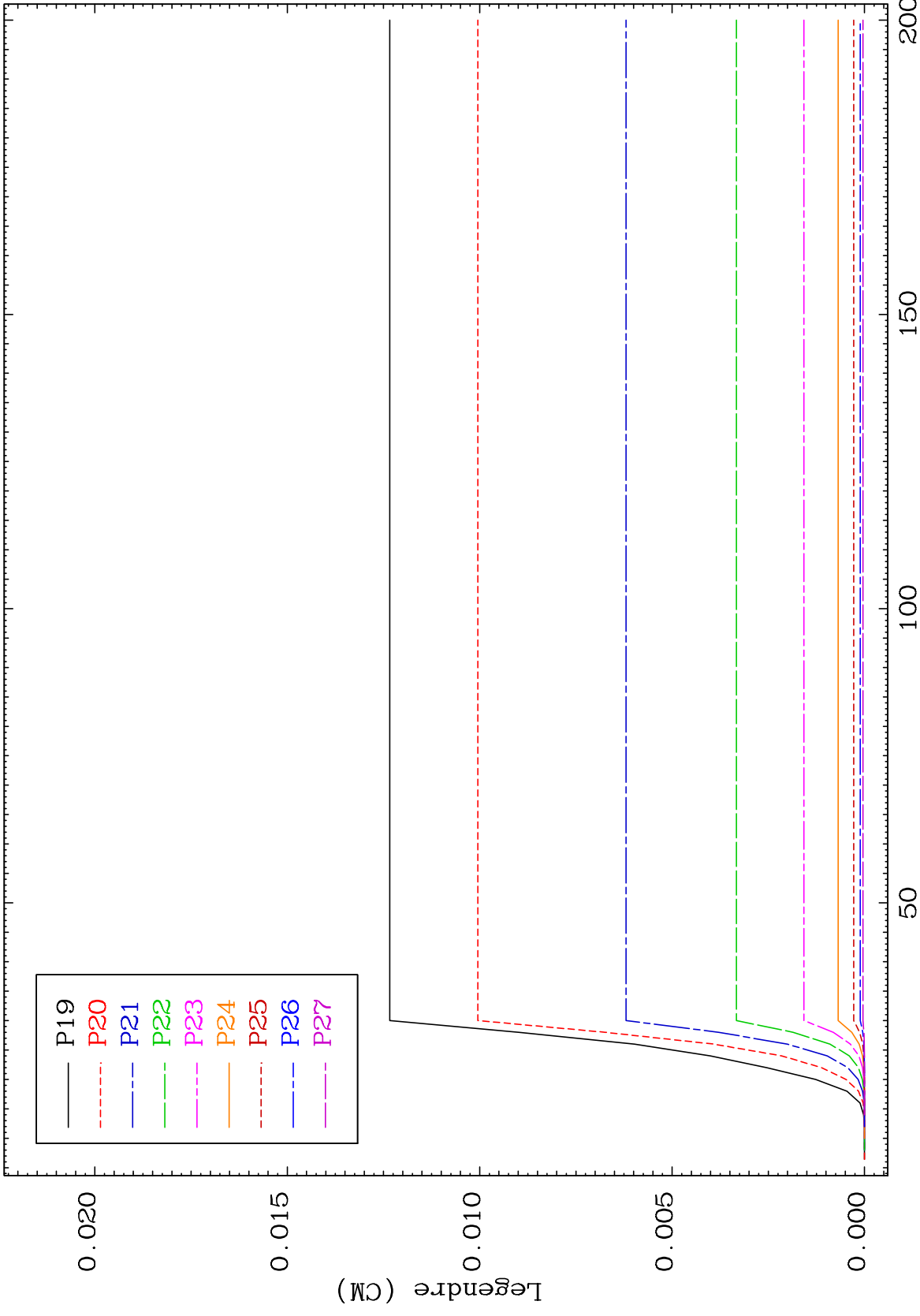
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



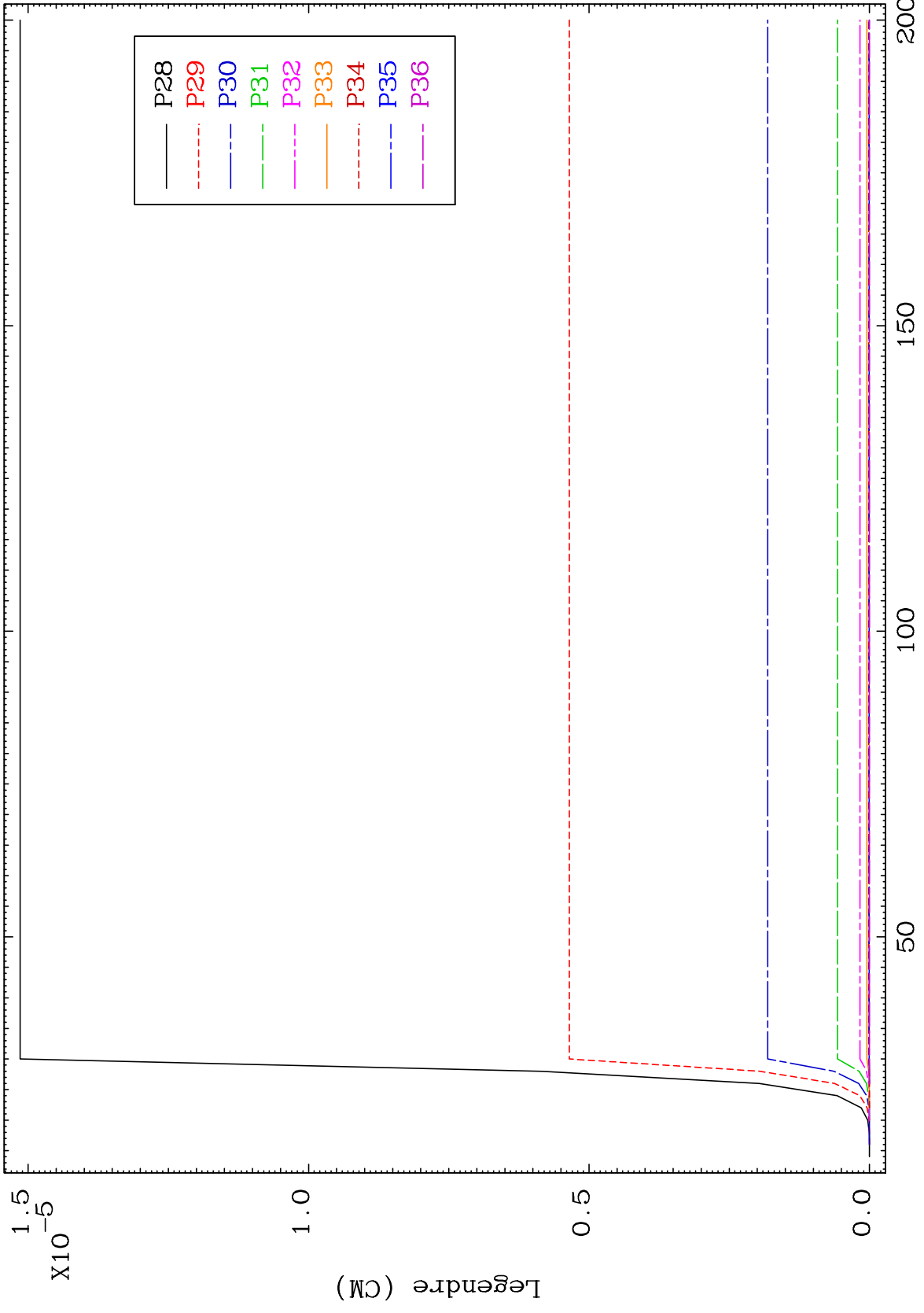
117

64-Gd-161

MAT 6452

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

64-Gd-161



118

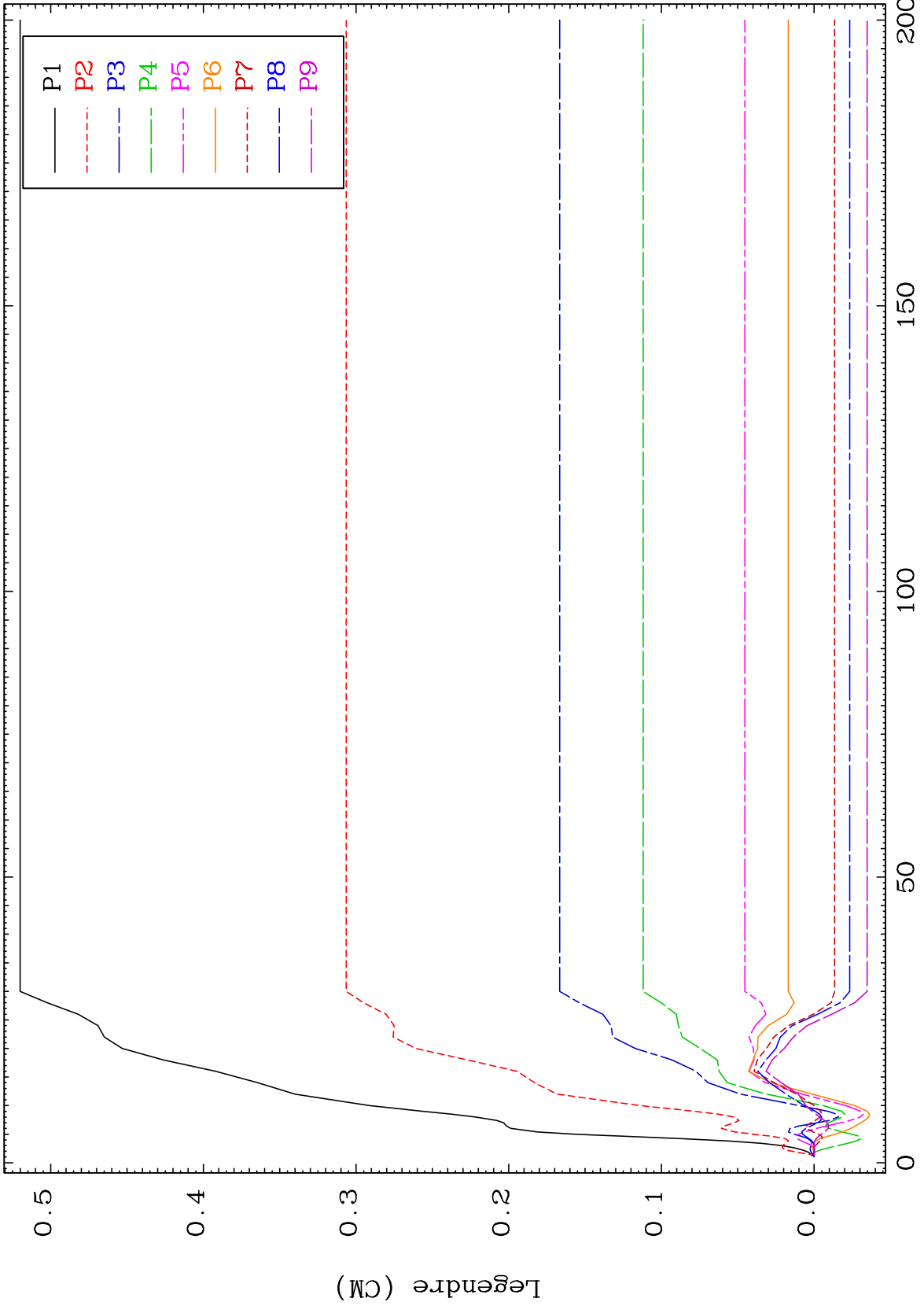
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



119

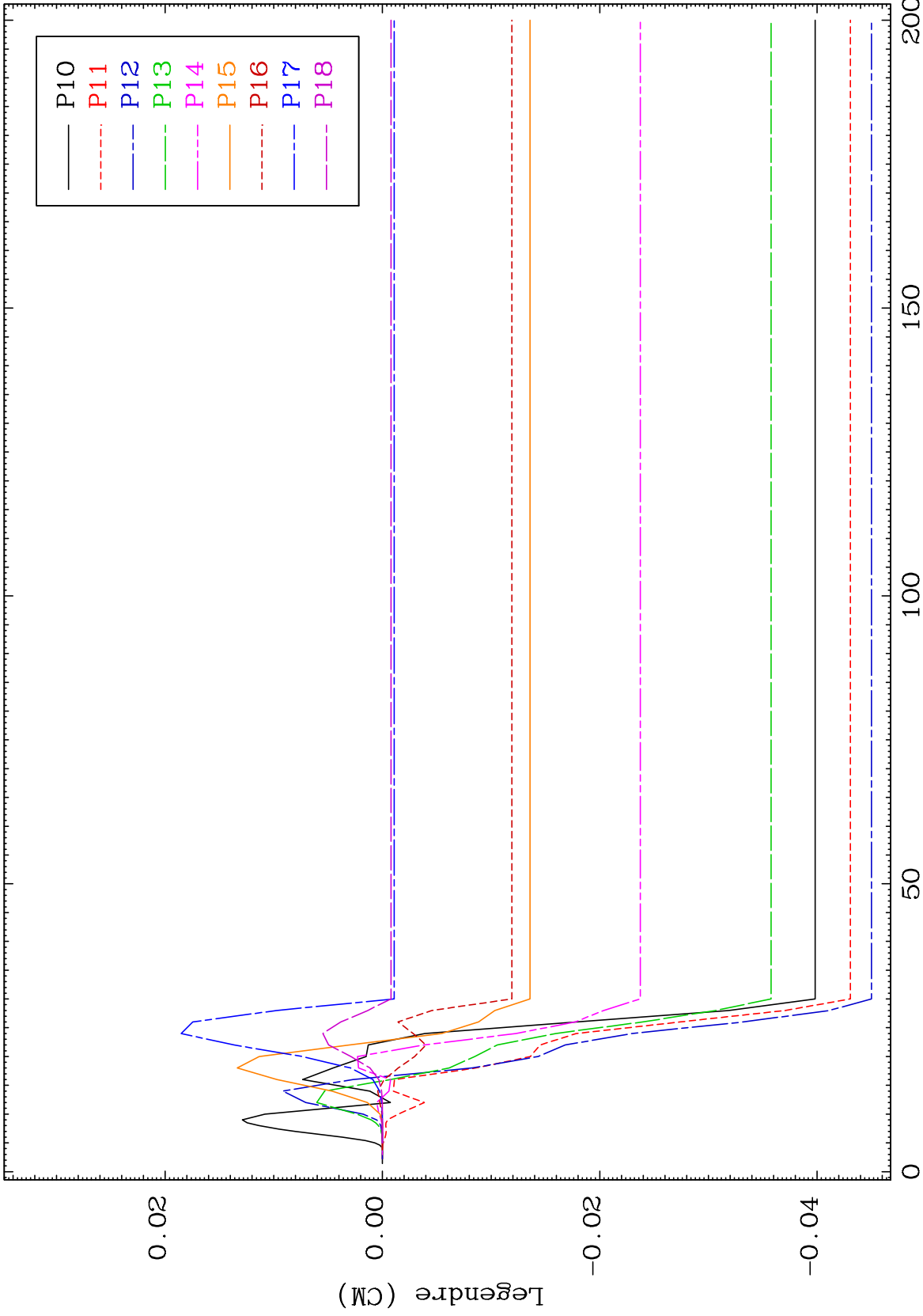
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



120

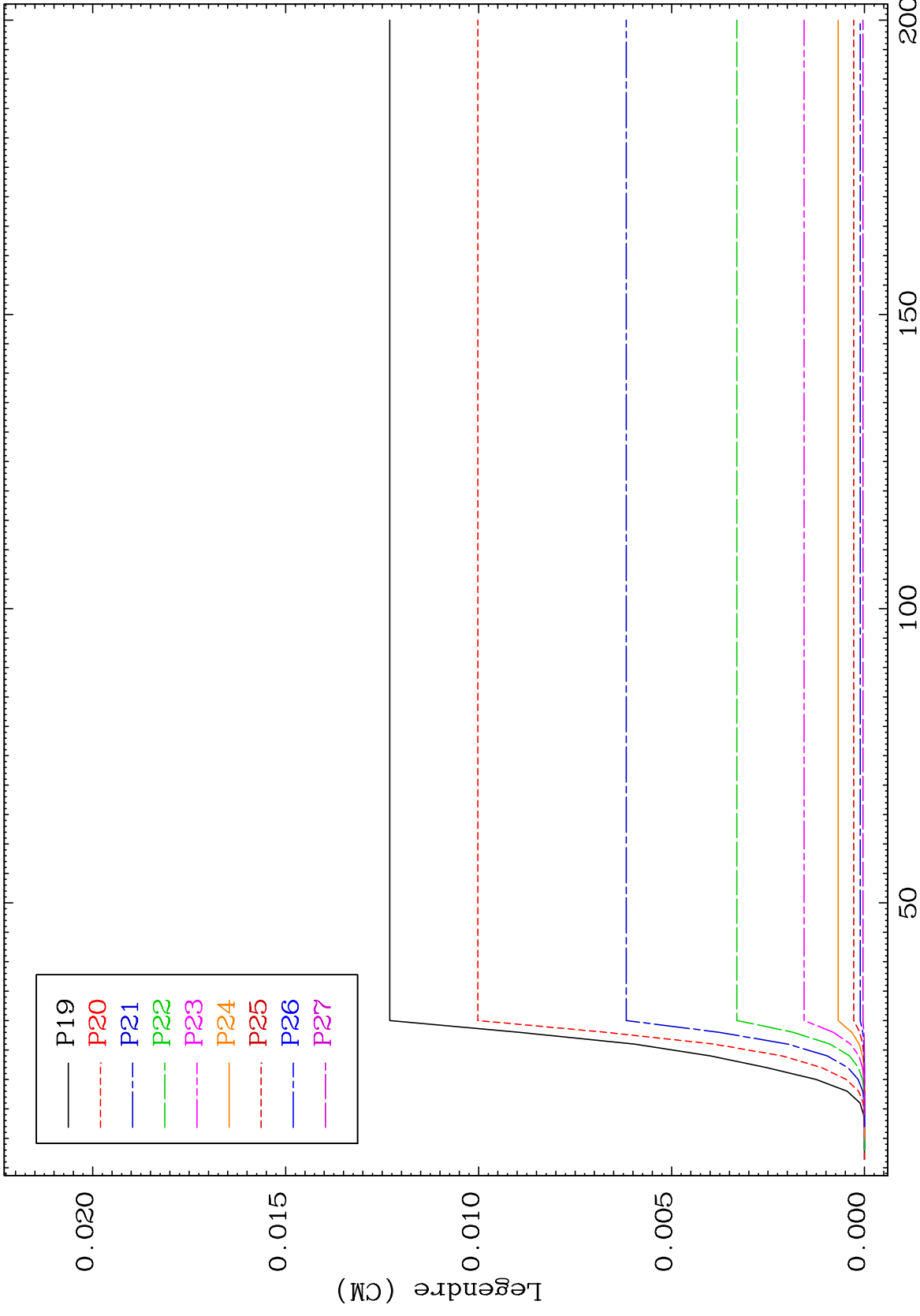
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



121

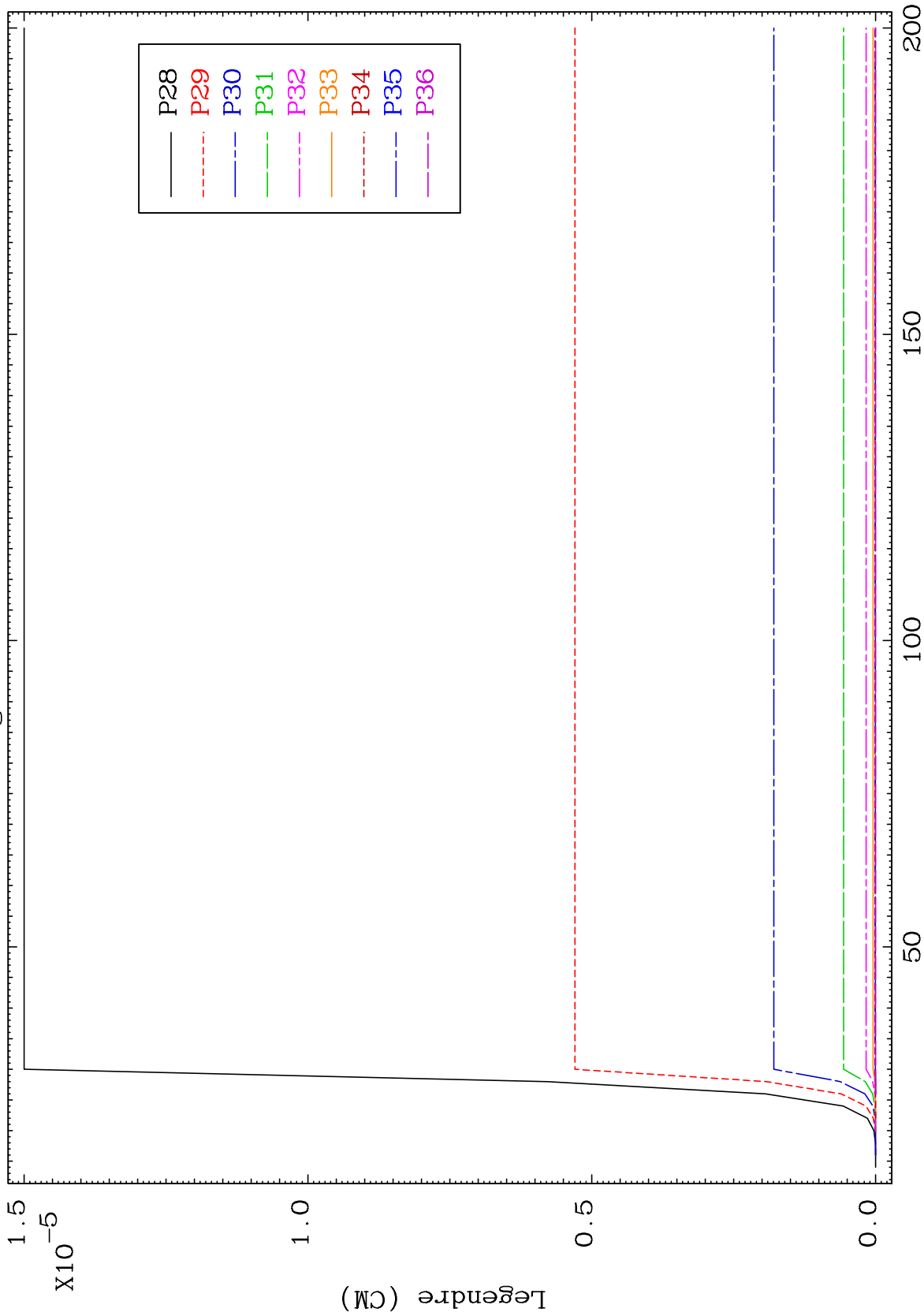
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



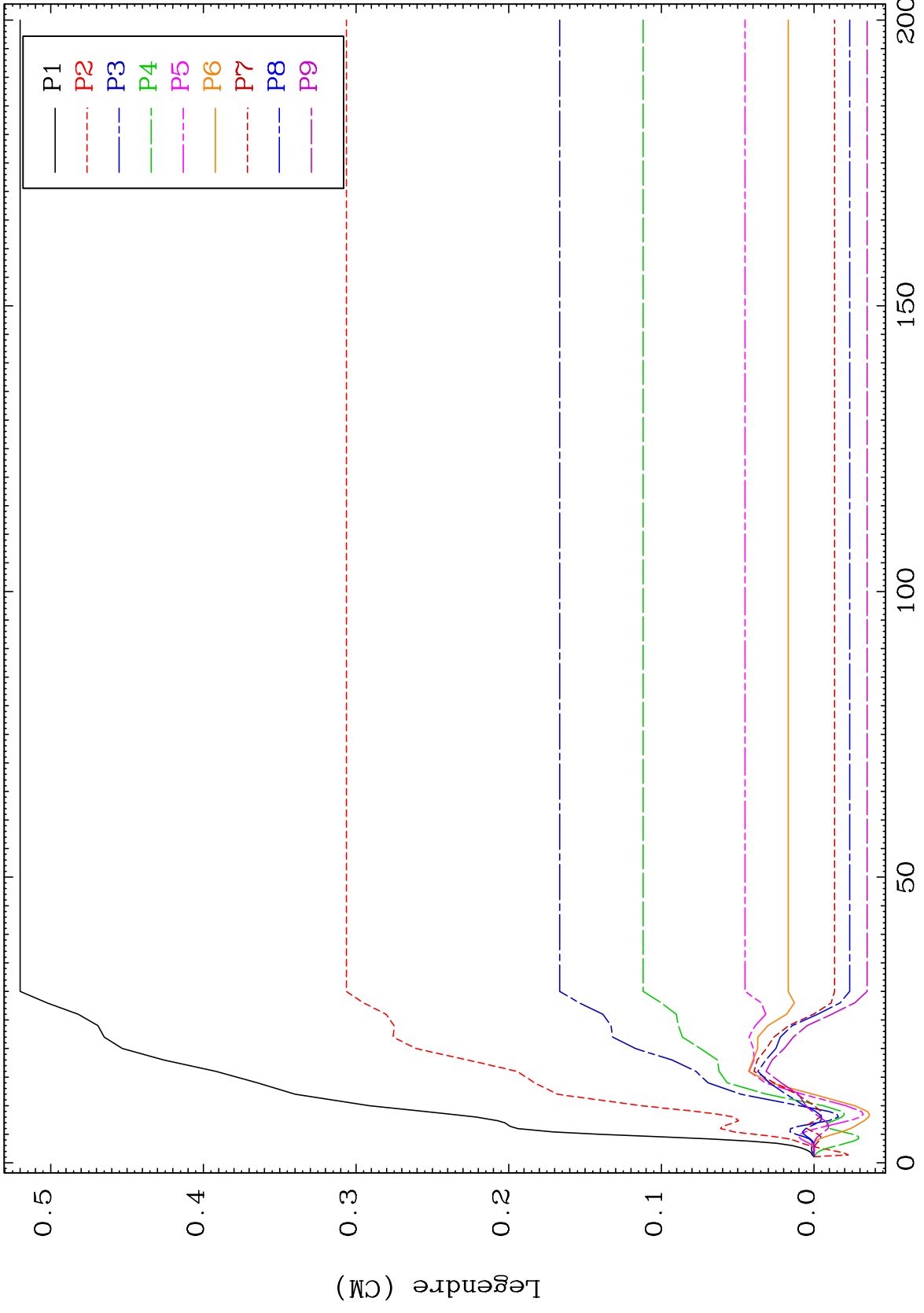
122

64-Gd-161

MAT 6452

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

64-Gd-161



123

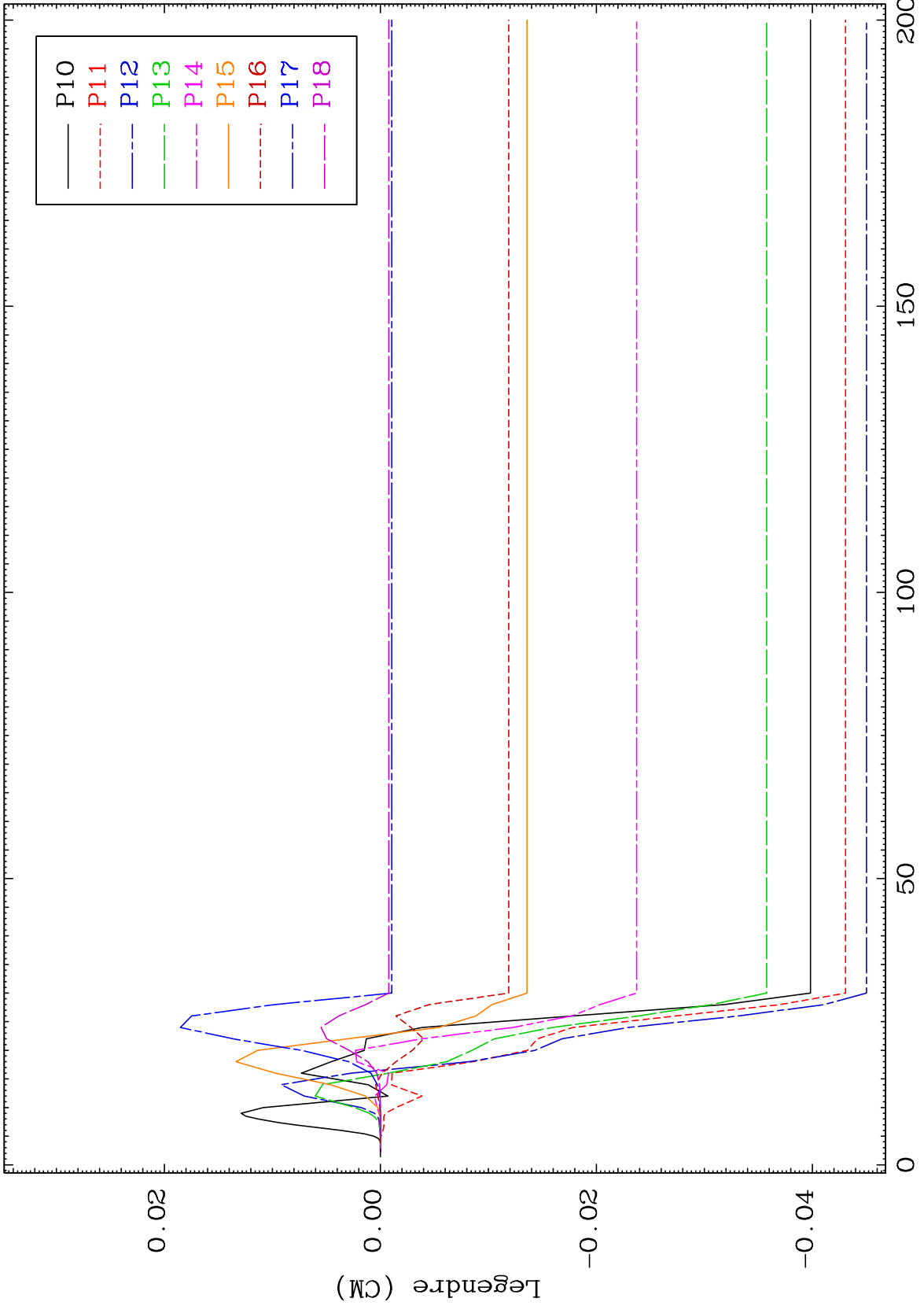
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



124

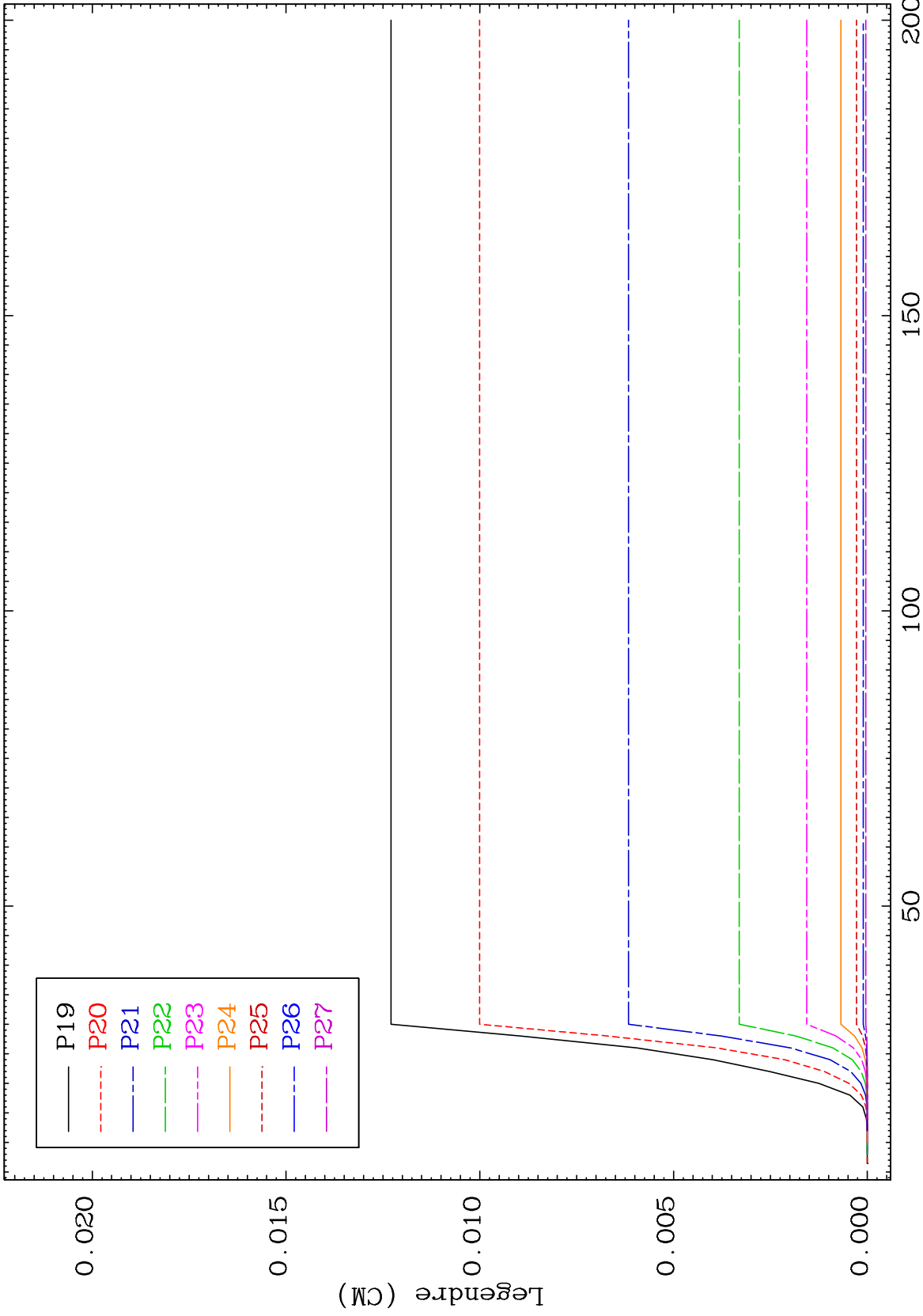
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



125

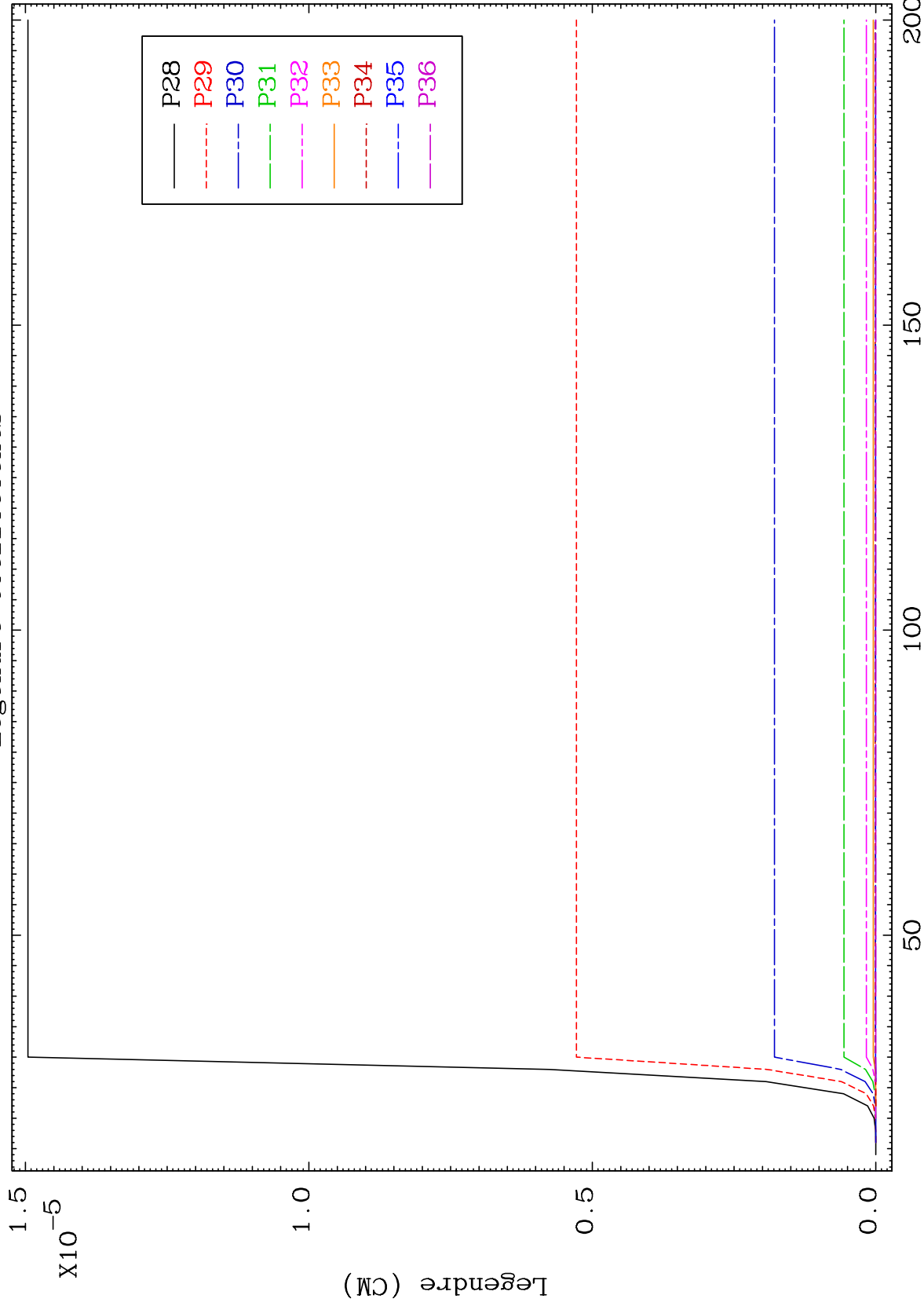
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



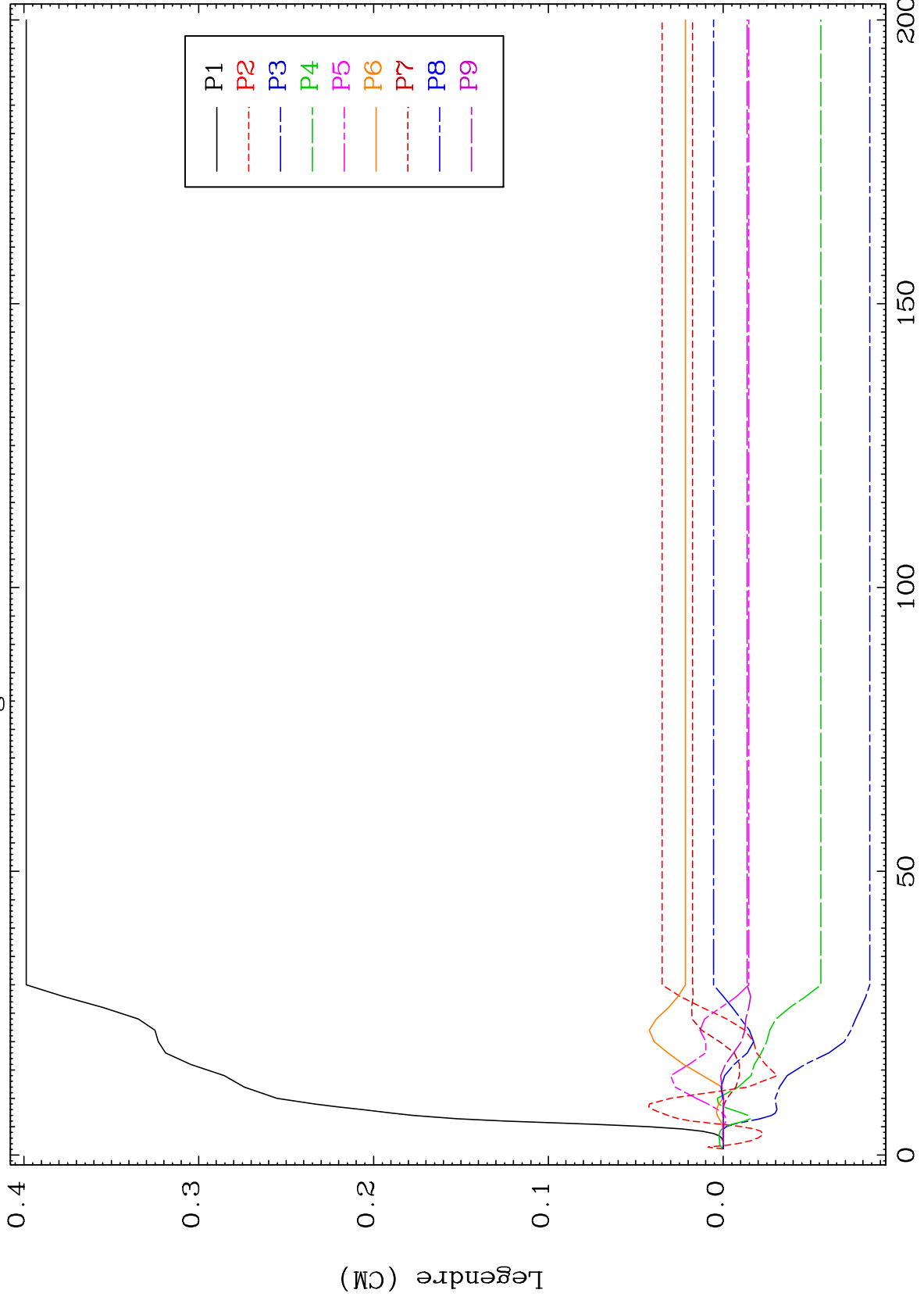
126

Incident Energy (MeV)

64-Gd-161

MAT 6452 MT= 78 (n,n') Level Legendre Coefficients

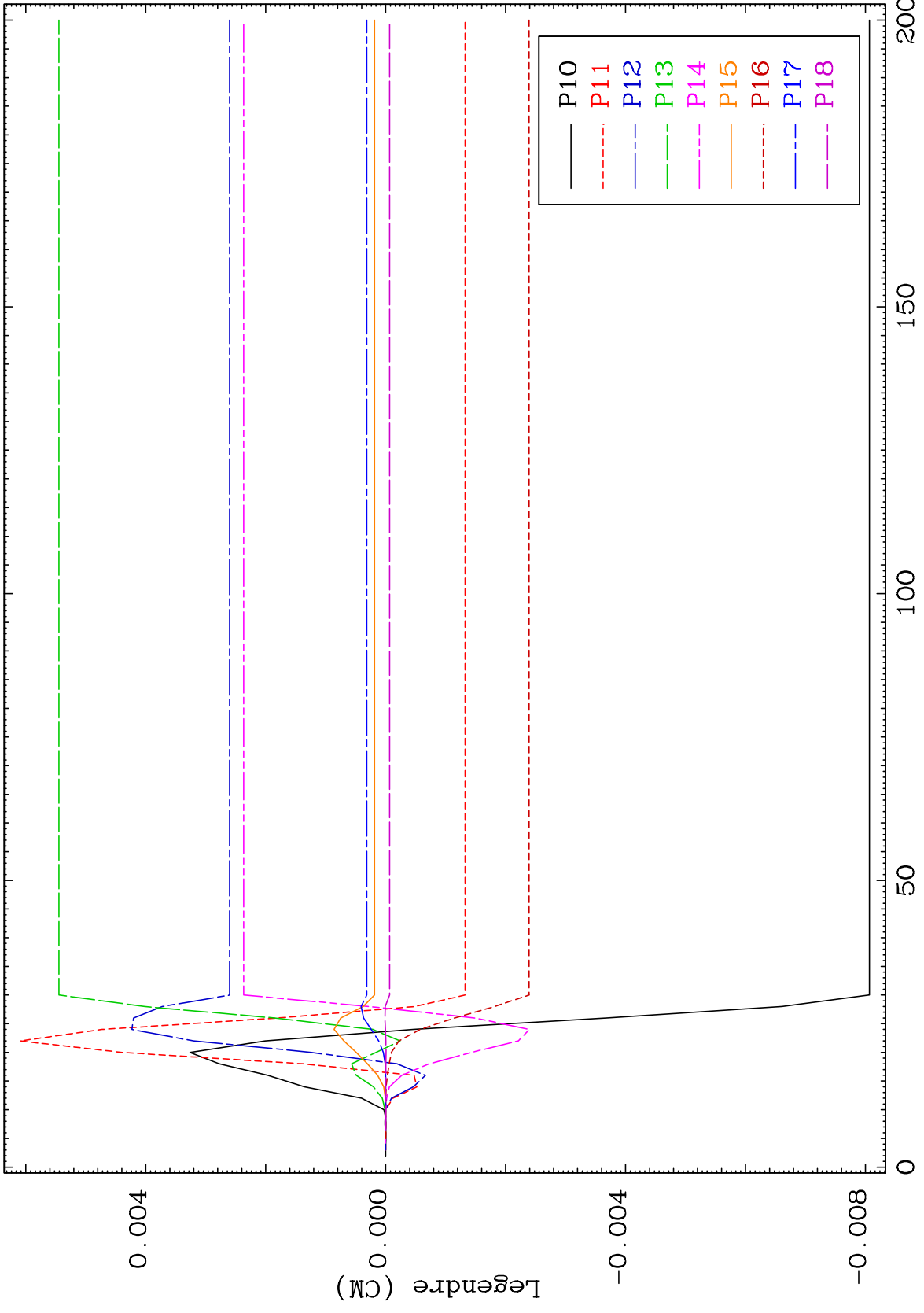
64-Gd-161



64-Gd-161

Incident Energy (MeV)

MAT 6452 MT= 78 (n,n') Level Legendre Coefficients 64-Gd-161

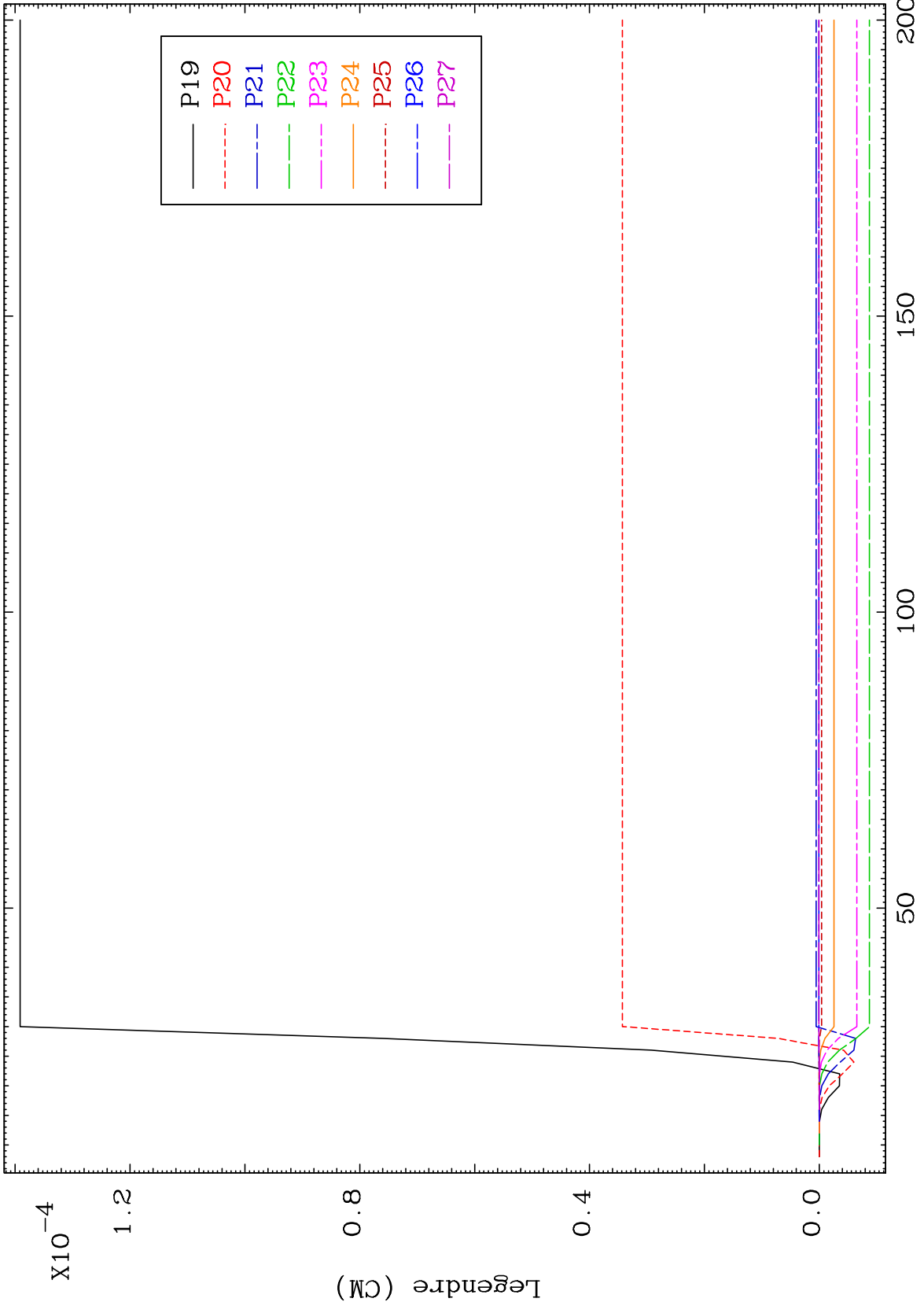


128 64-Gd-161

MAT 6452

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

64-Gd-161



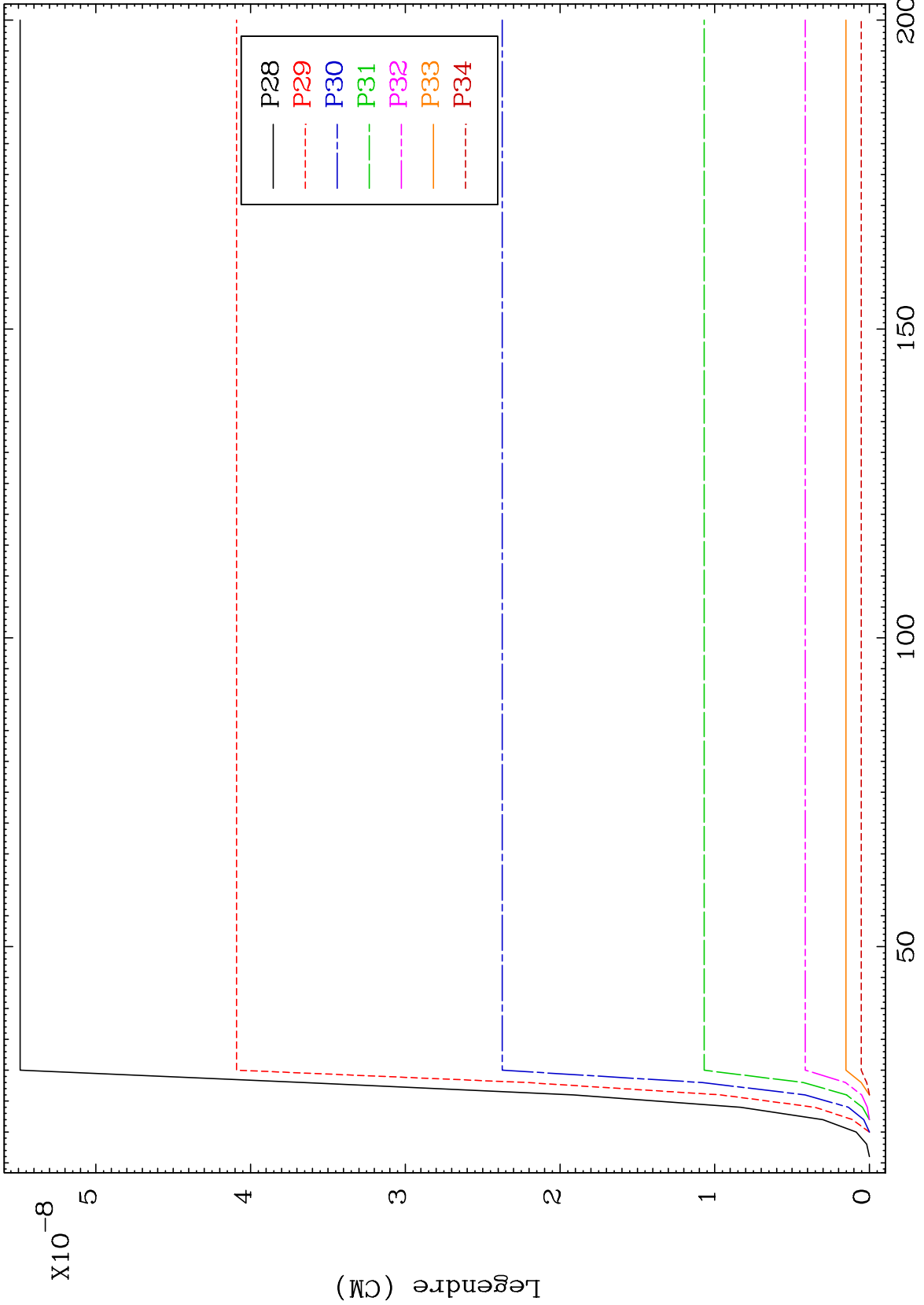
129

64-Gd-161

MAT 6452

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

64-Gd-161



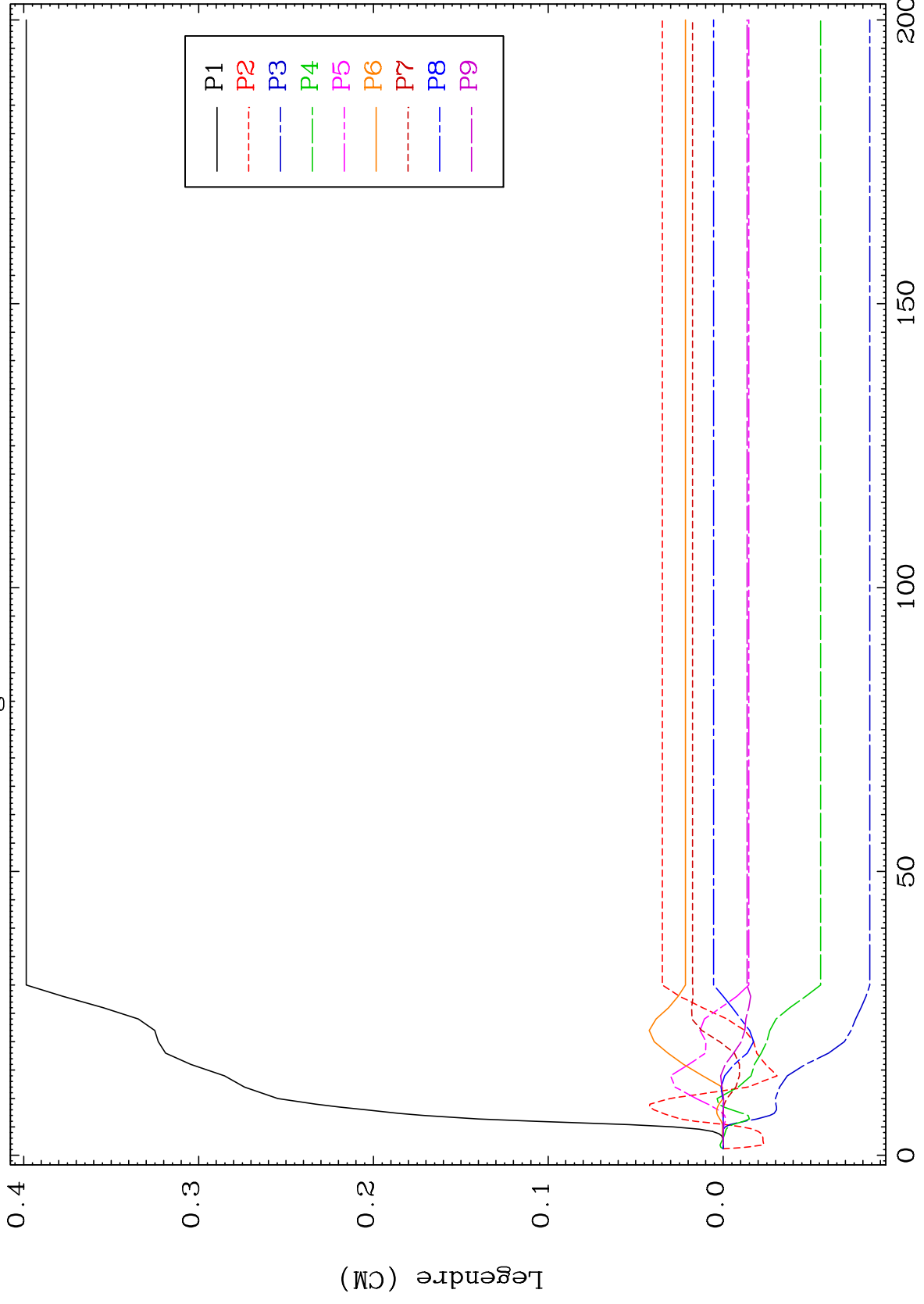
130

Incident Energy (MeV)

64-Gd-161

MAT 6452 MT= 79 (n,n') Level Legendre Coefficients

64-Gd-161



64-Gd-161

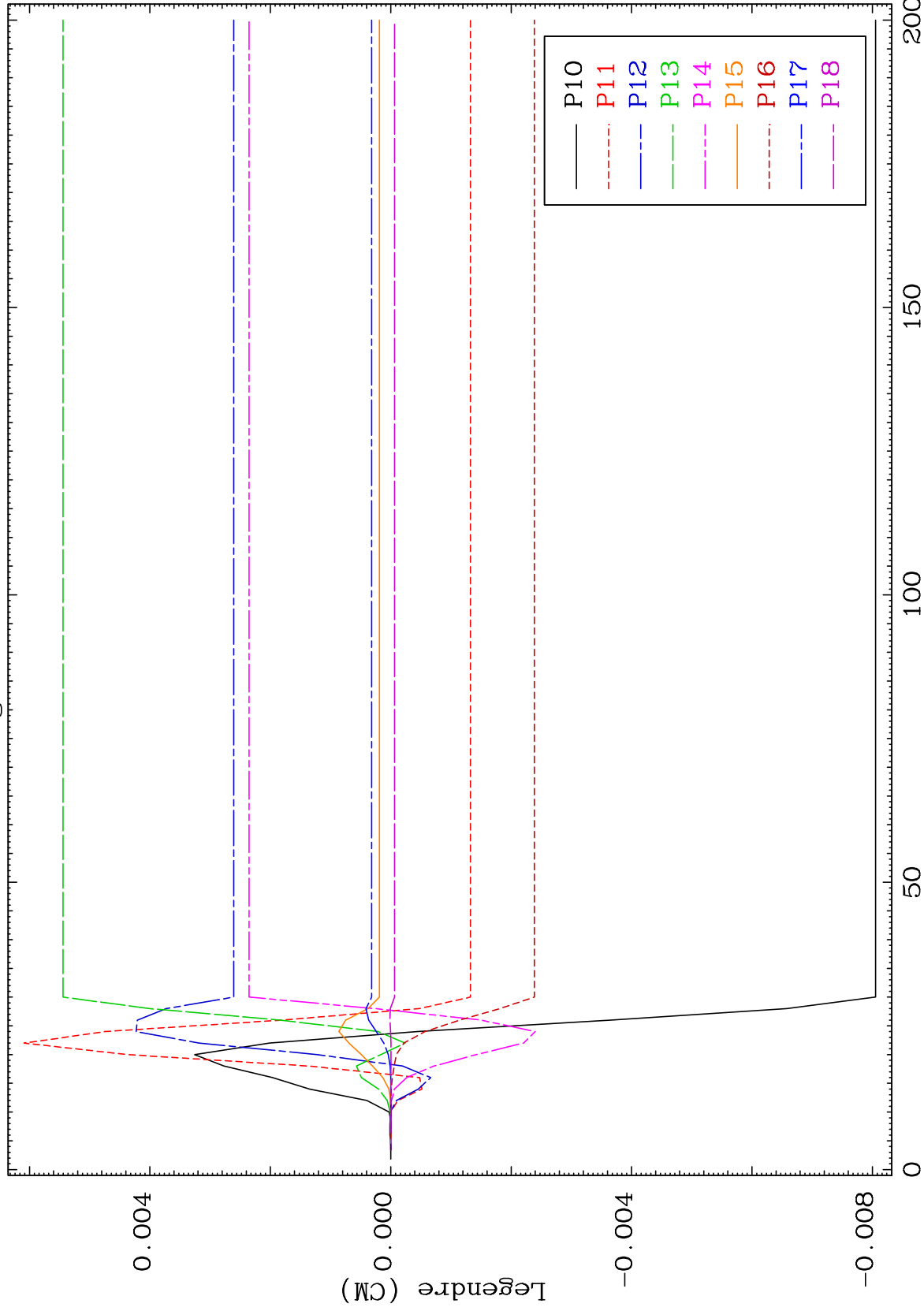
Incident Energy (MeV)

131

MAT 6452

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

64-Gd-161



132

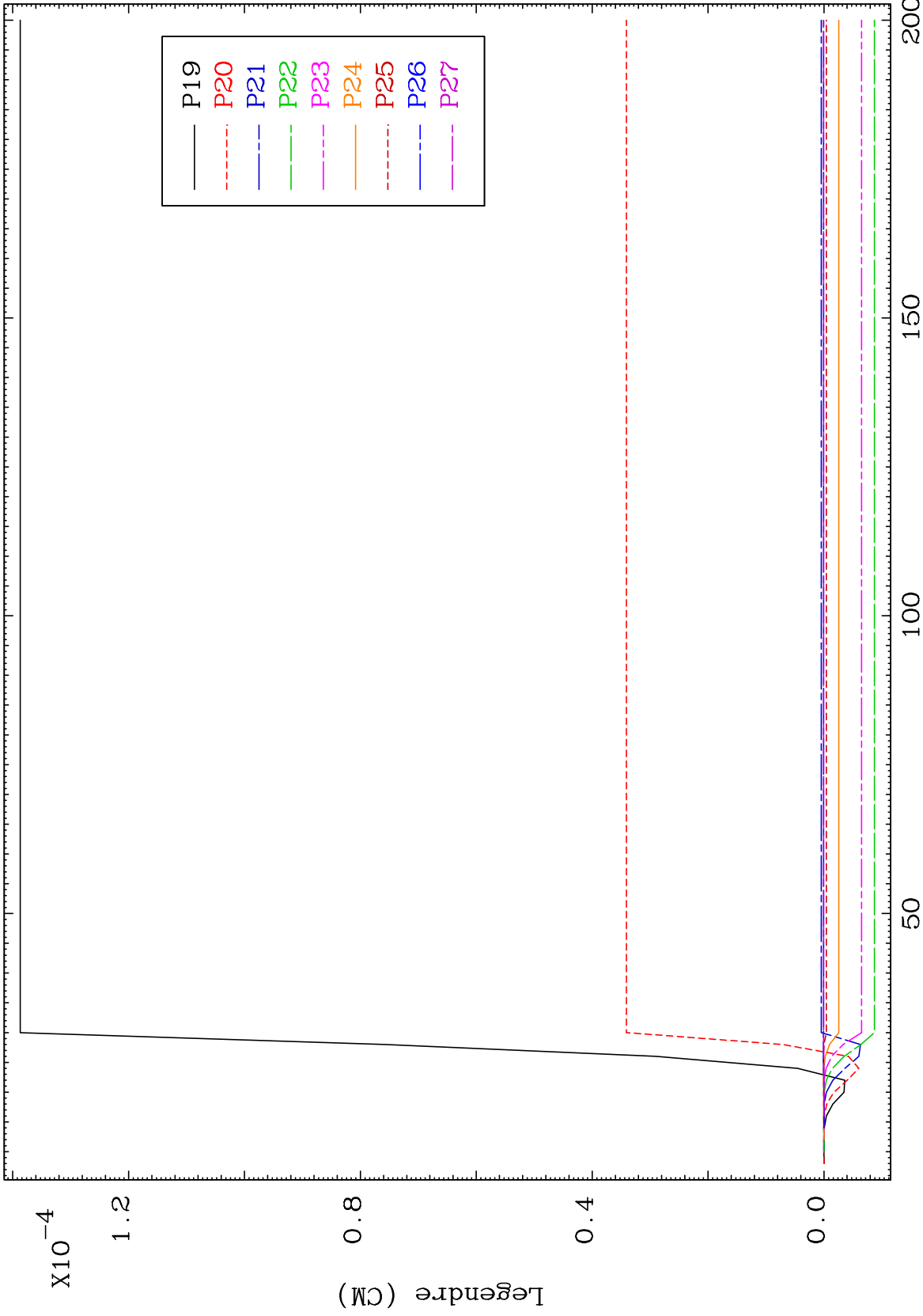
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



133

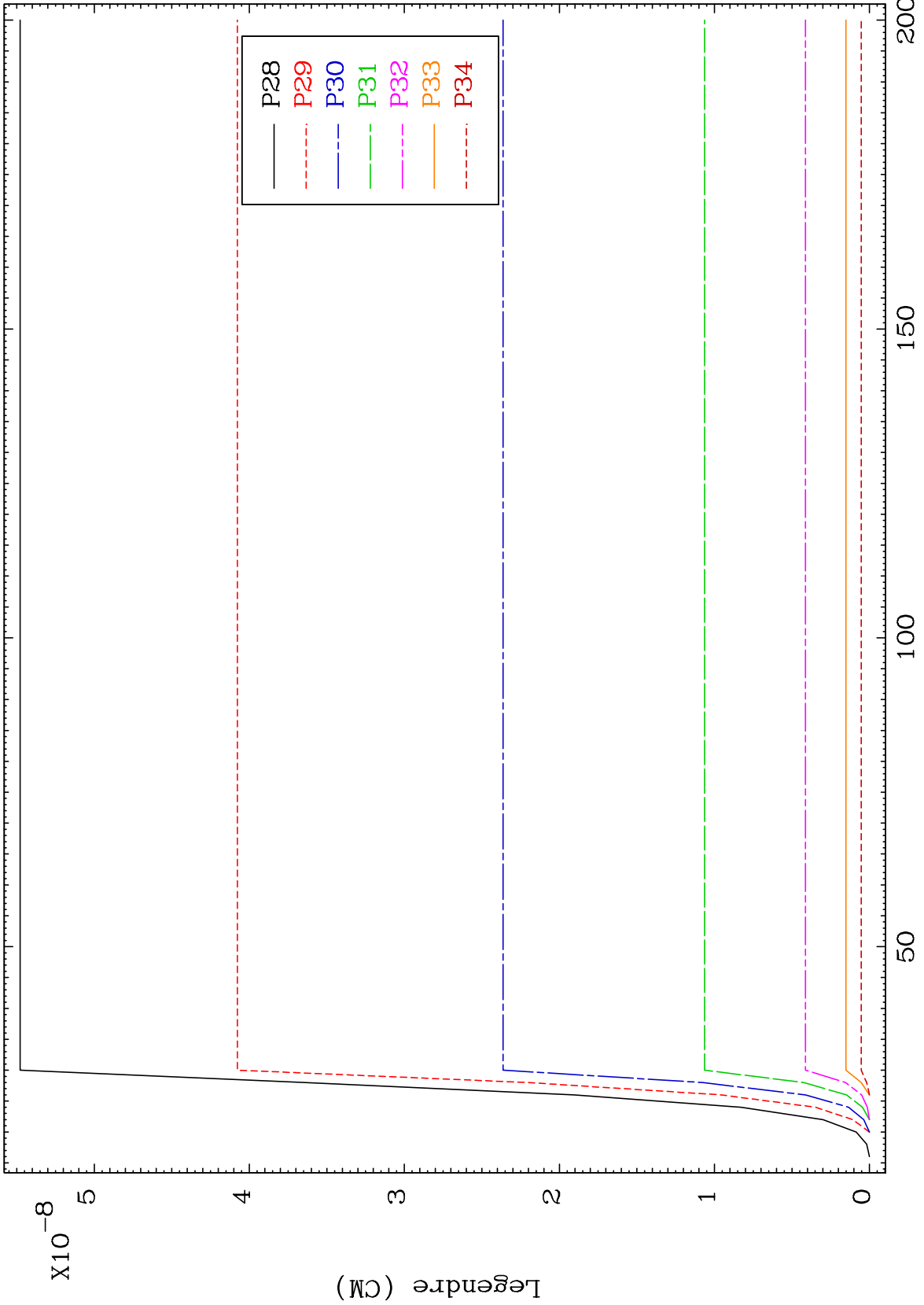
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

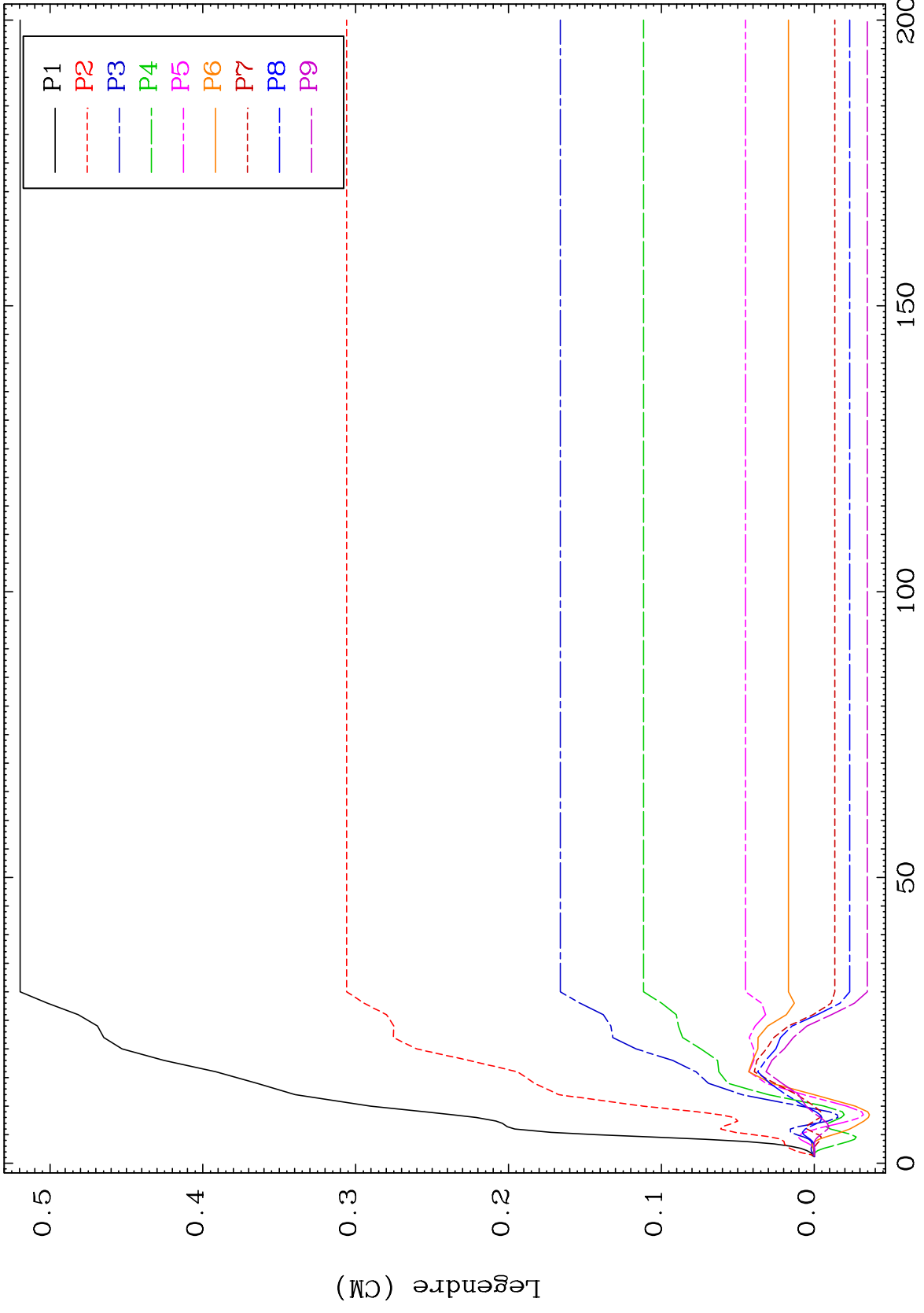
64-Gd-161



134

64-Gd-161

MAT 6452 MT= 80 (n,n') Level Legendre Coefficients 64-Gd-161

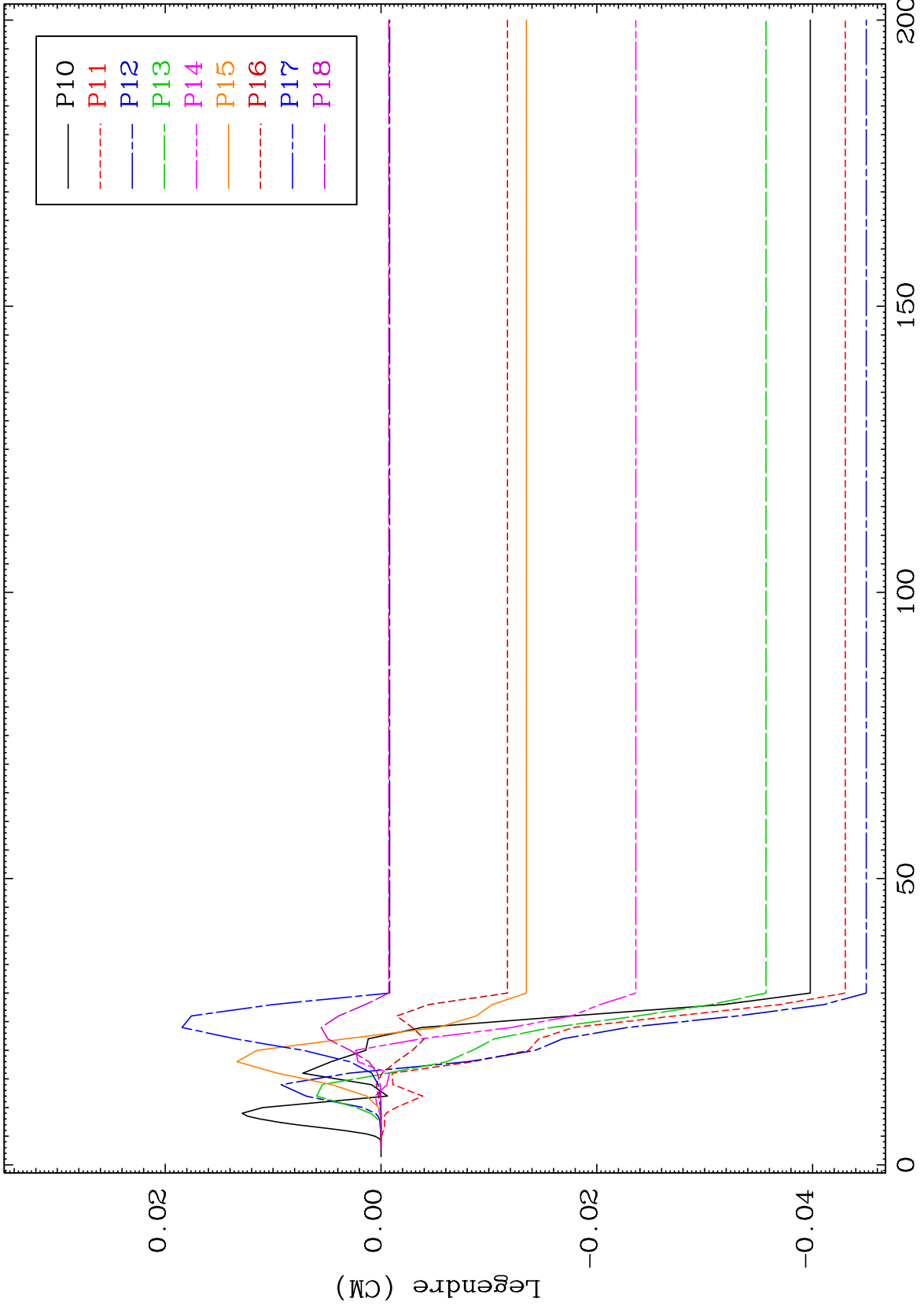


135 Incident Energy (MeV) 64-Gd-161

MAT 6452

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

64-Gd-161



136

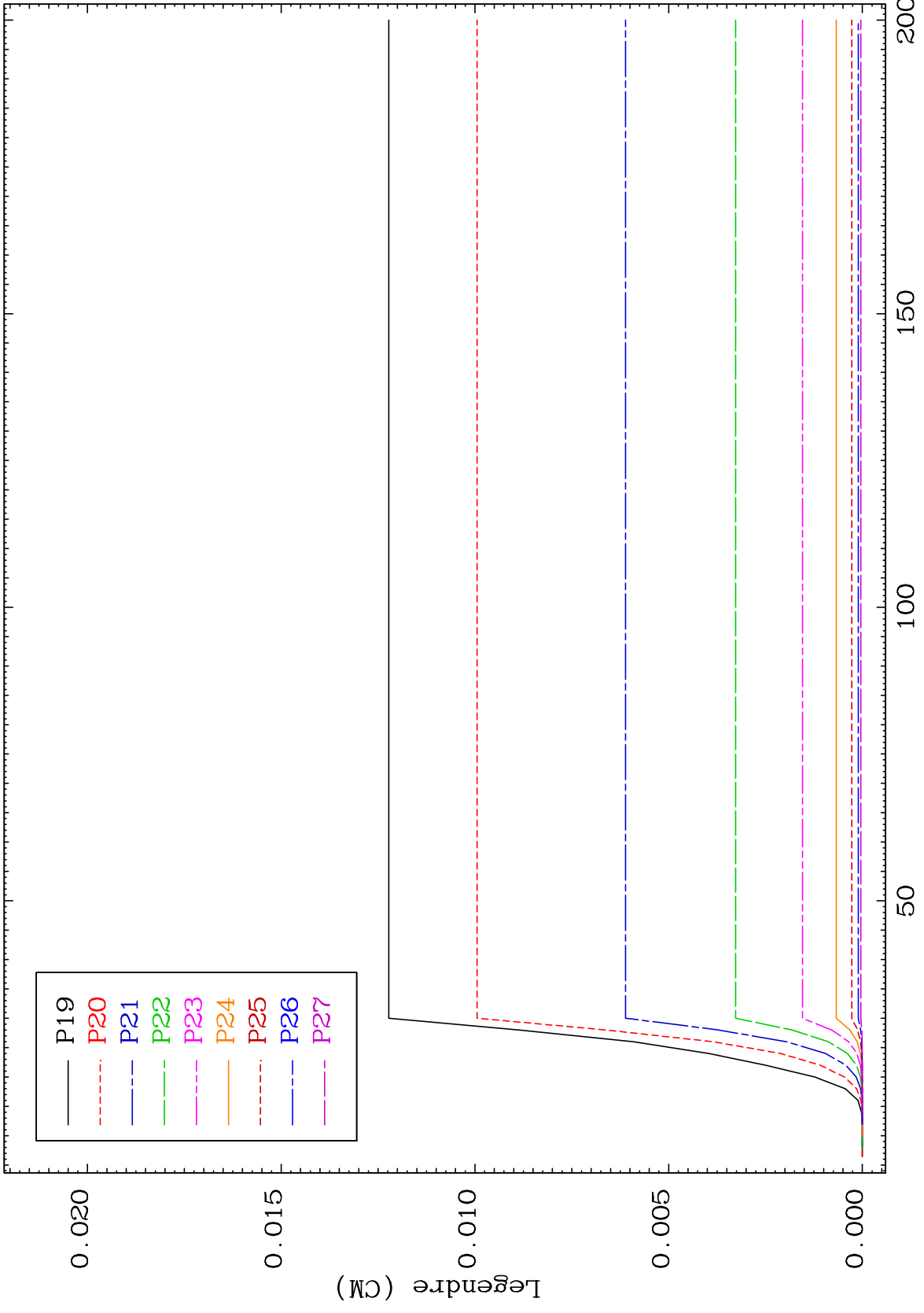
Incident Energy (MeV)

64-Gd-161

MAT 6452

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

64-Gd-161



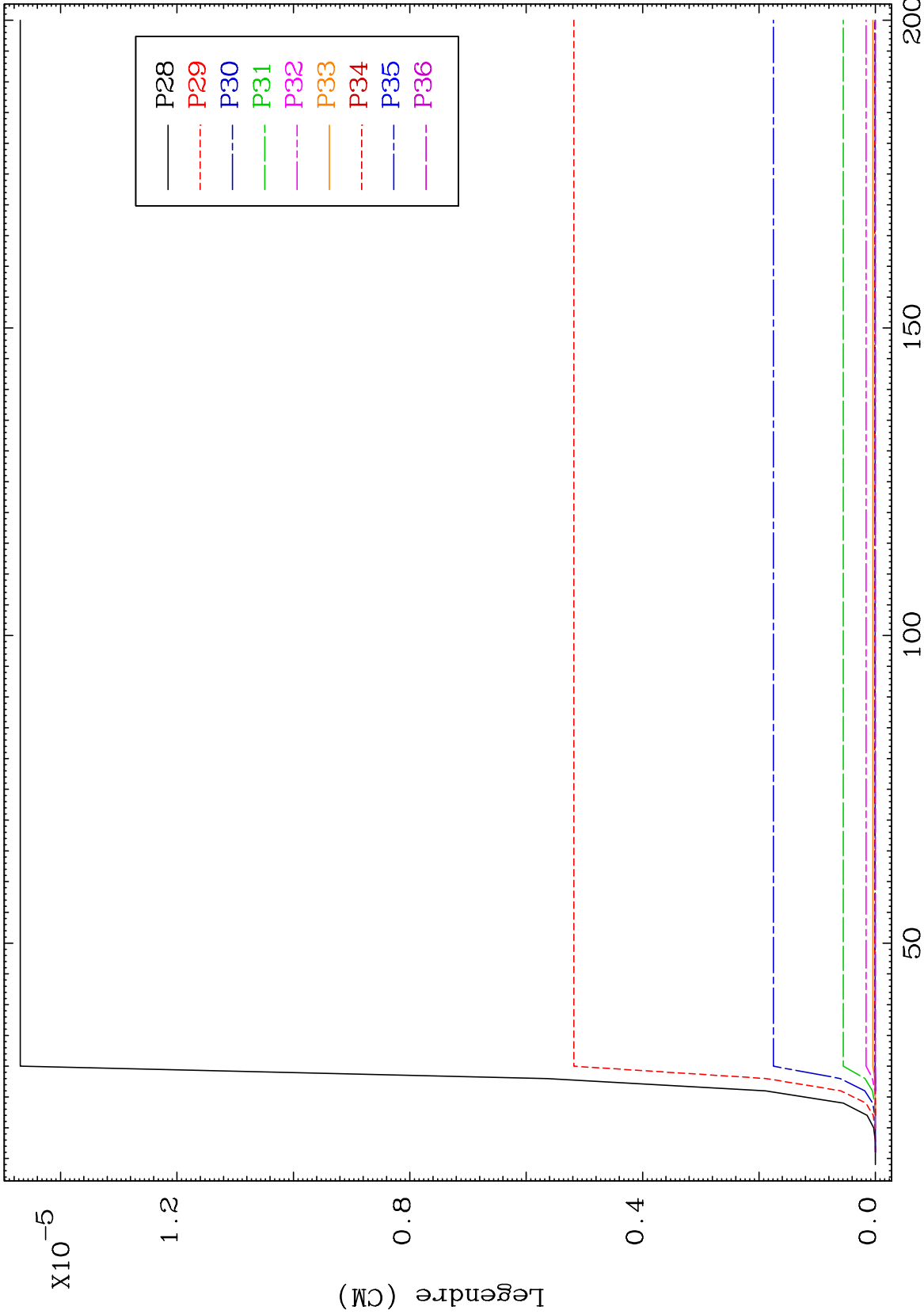
137

64-Gd-161

MAT 6452

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

64-Gd-161



138

64-Gd-161