

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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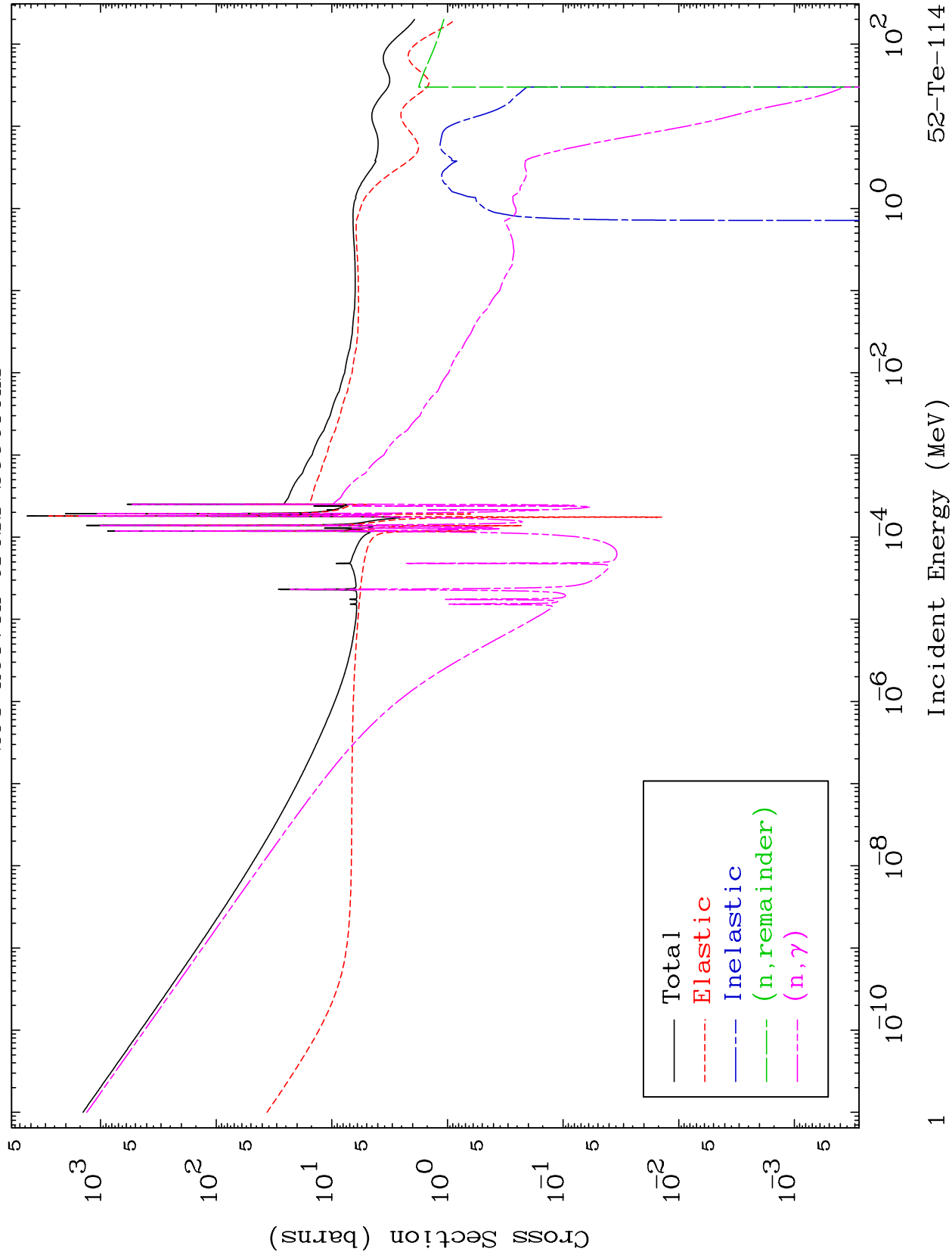
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5207

Major
293 Kelvin Cross Sections

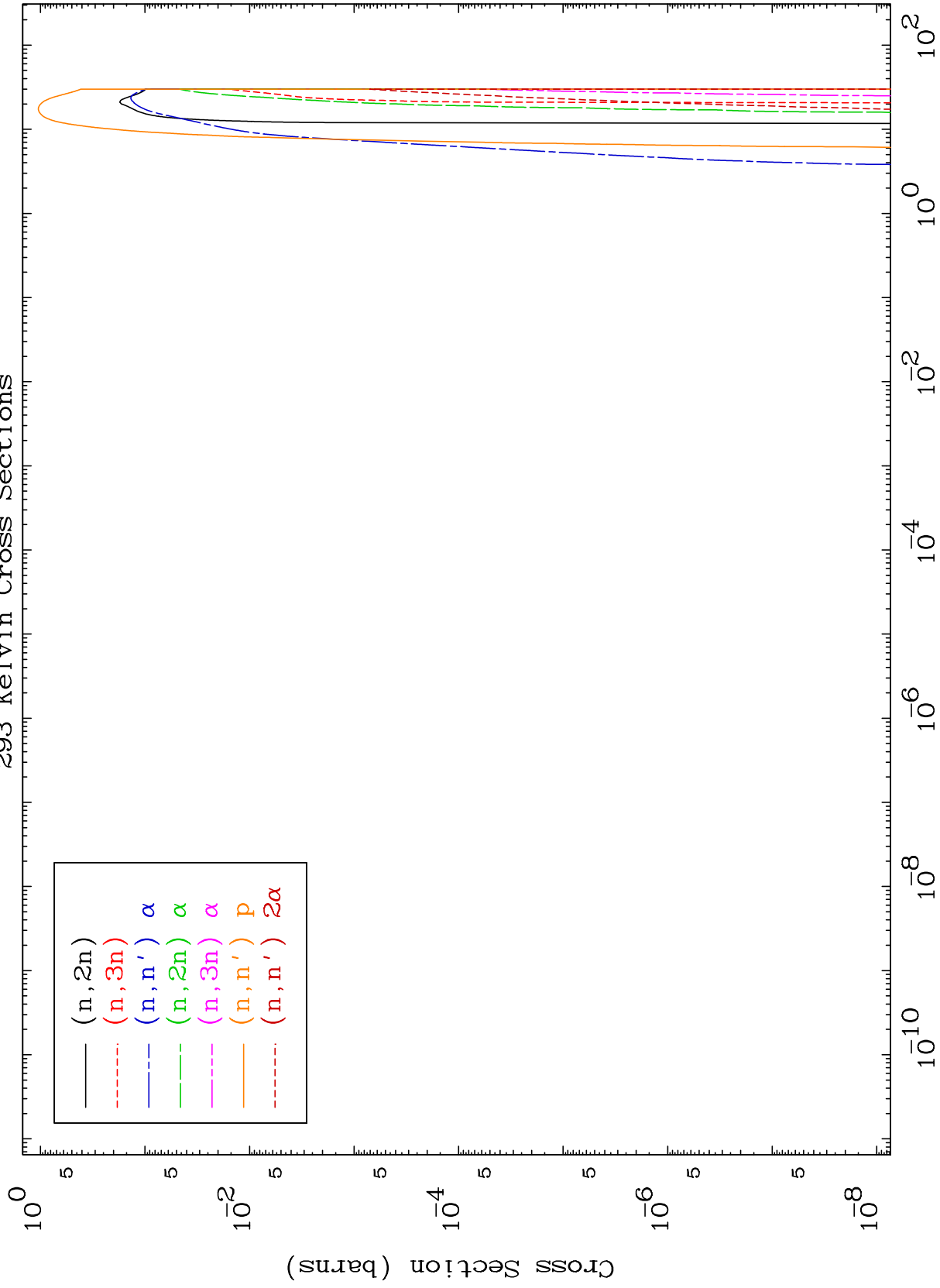
52-Te-114



MAT 5207

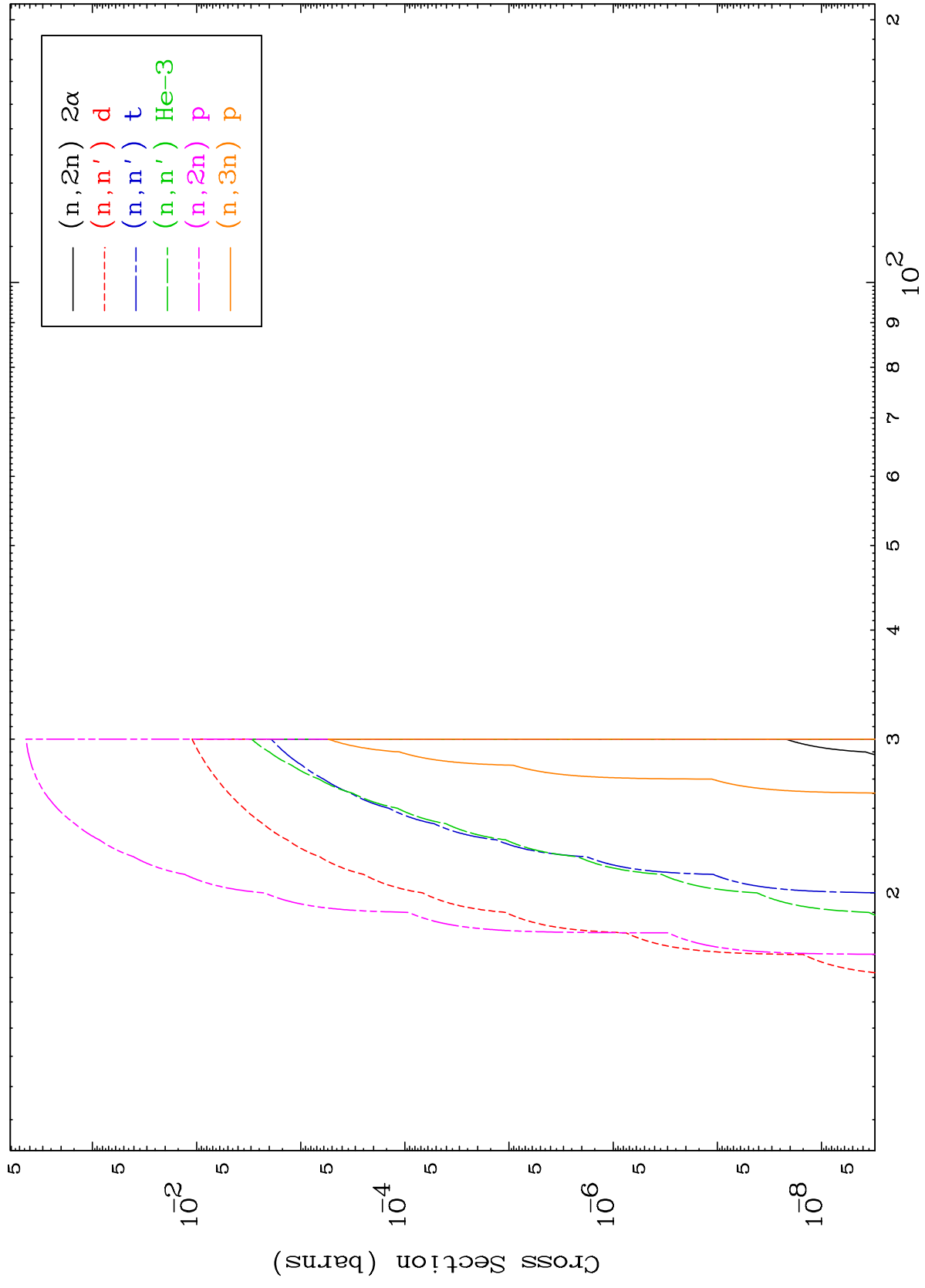
Neutron Production
293 Kelvin Cross Sections

52-Te-114



2

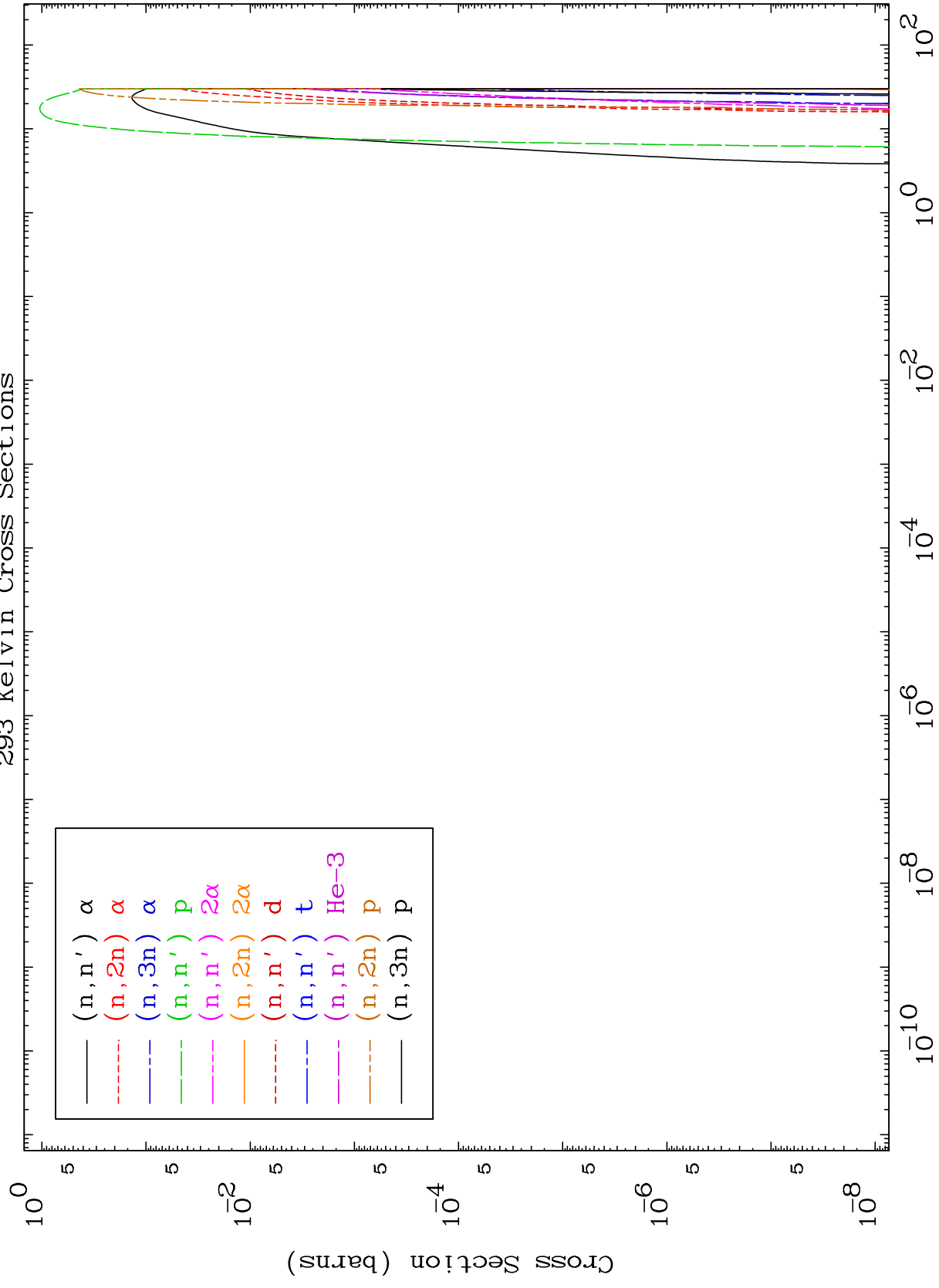
52-Te-114



MAT 5207

293 Kelvin Cross Sections

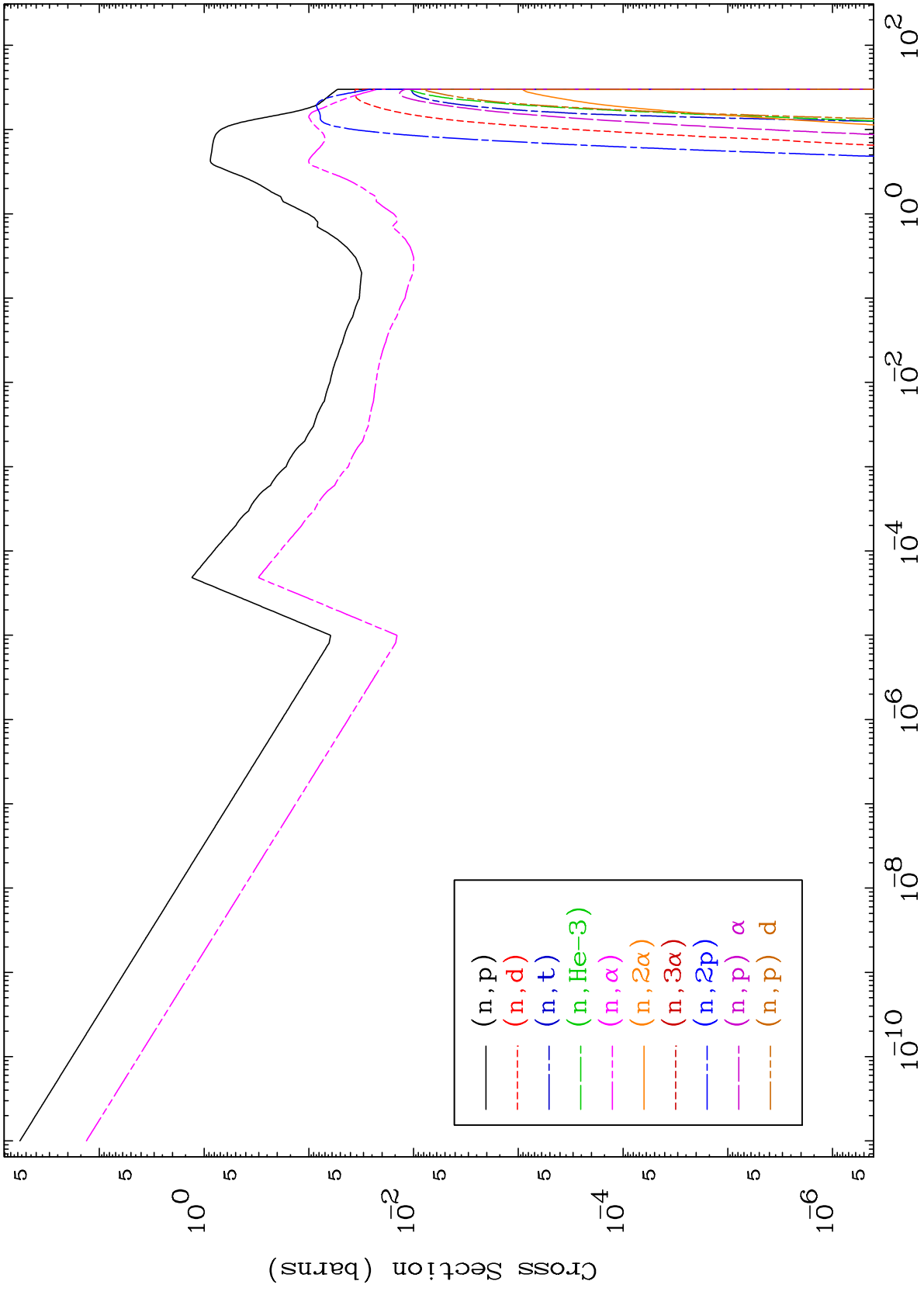
52-Te-114



MAT 5207

293 Kelvin Cross Sections

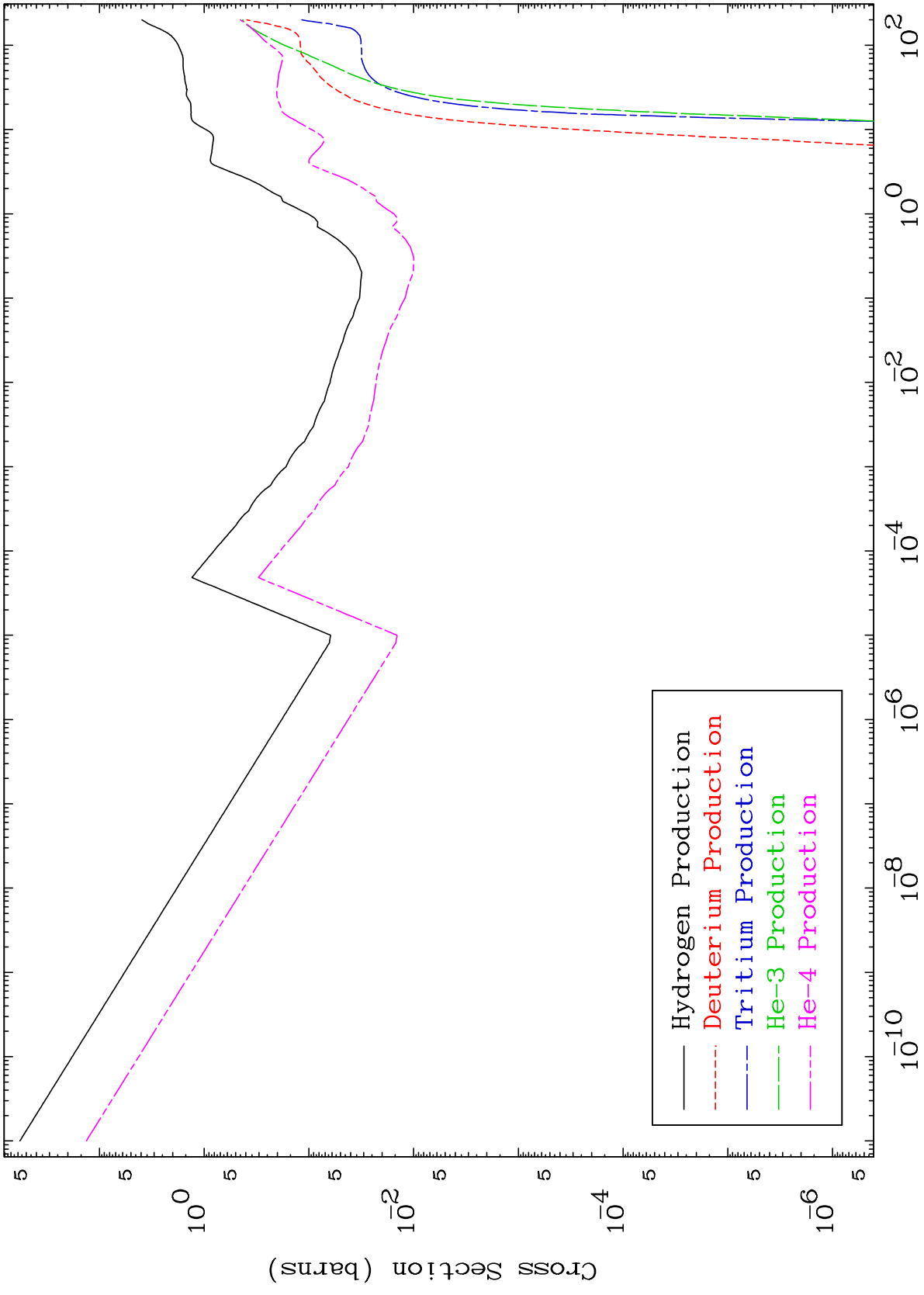
52-Te-114



MAT 5207

Particle Production
293 Kelvin Cross Sections

52-Te-114

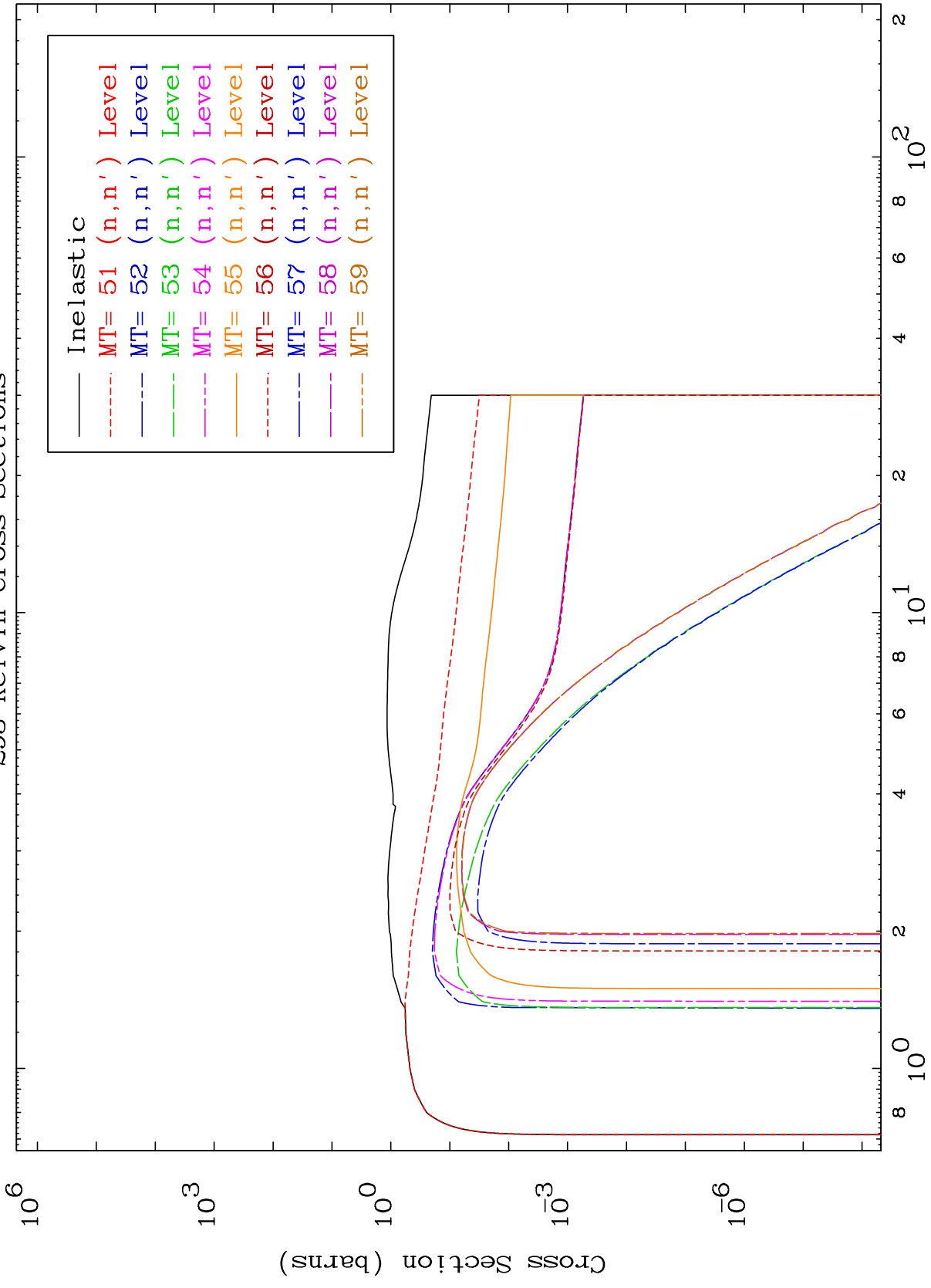


MAT 5207

(n,n') Level

52-Te-114

293 Kelvin Cross Sections



7

Incident Energy (MeV)

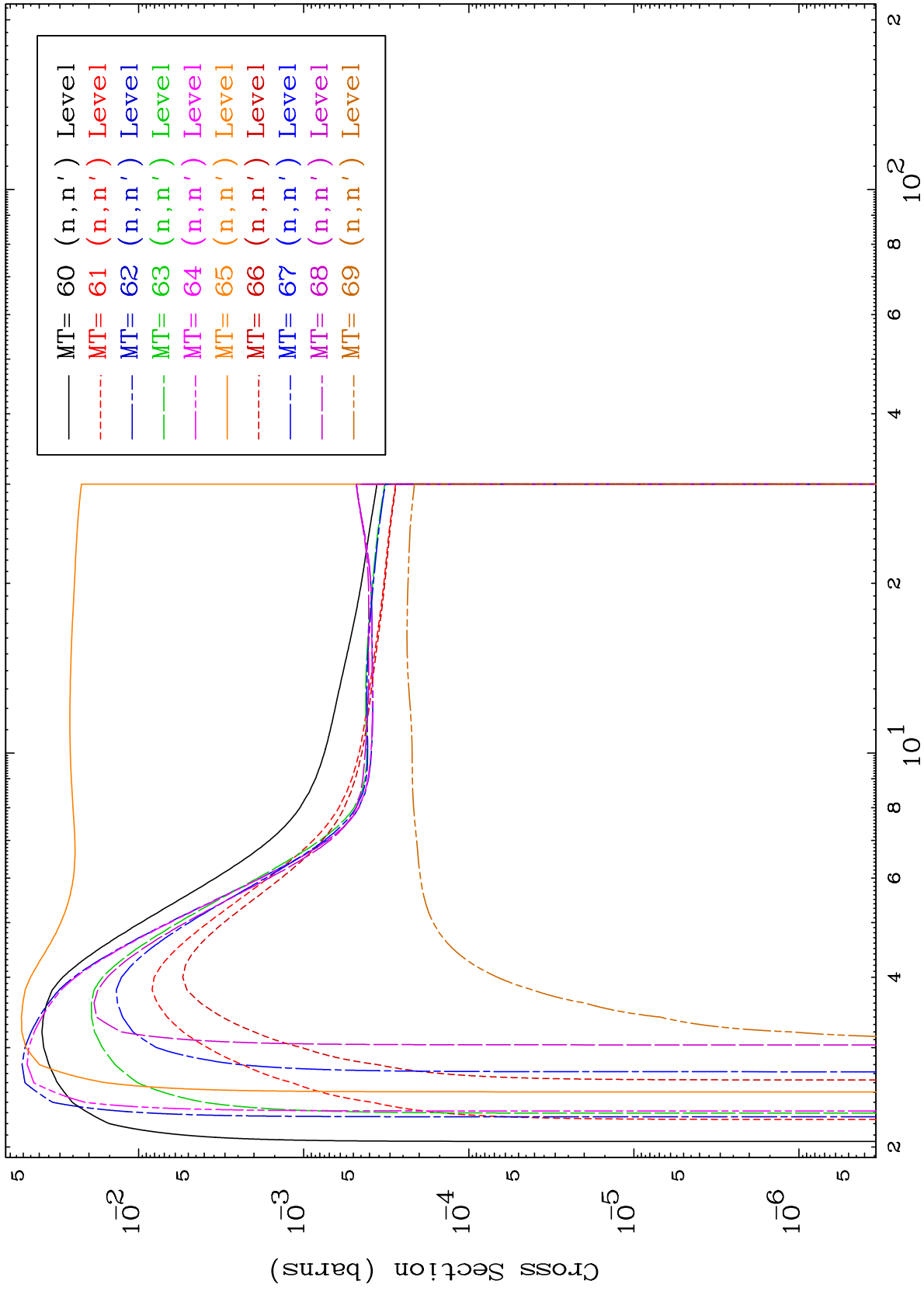
52-Te-114

MAT 5207

(n,n') Level

52-Te-114

293 Kelvin Cross Sections



8

Incident Energy (MeV)

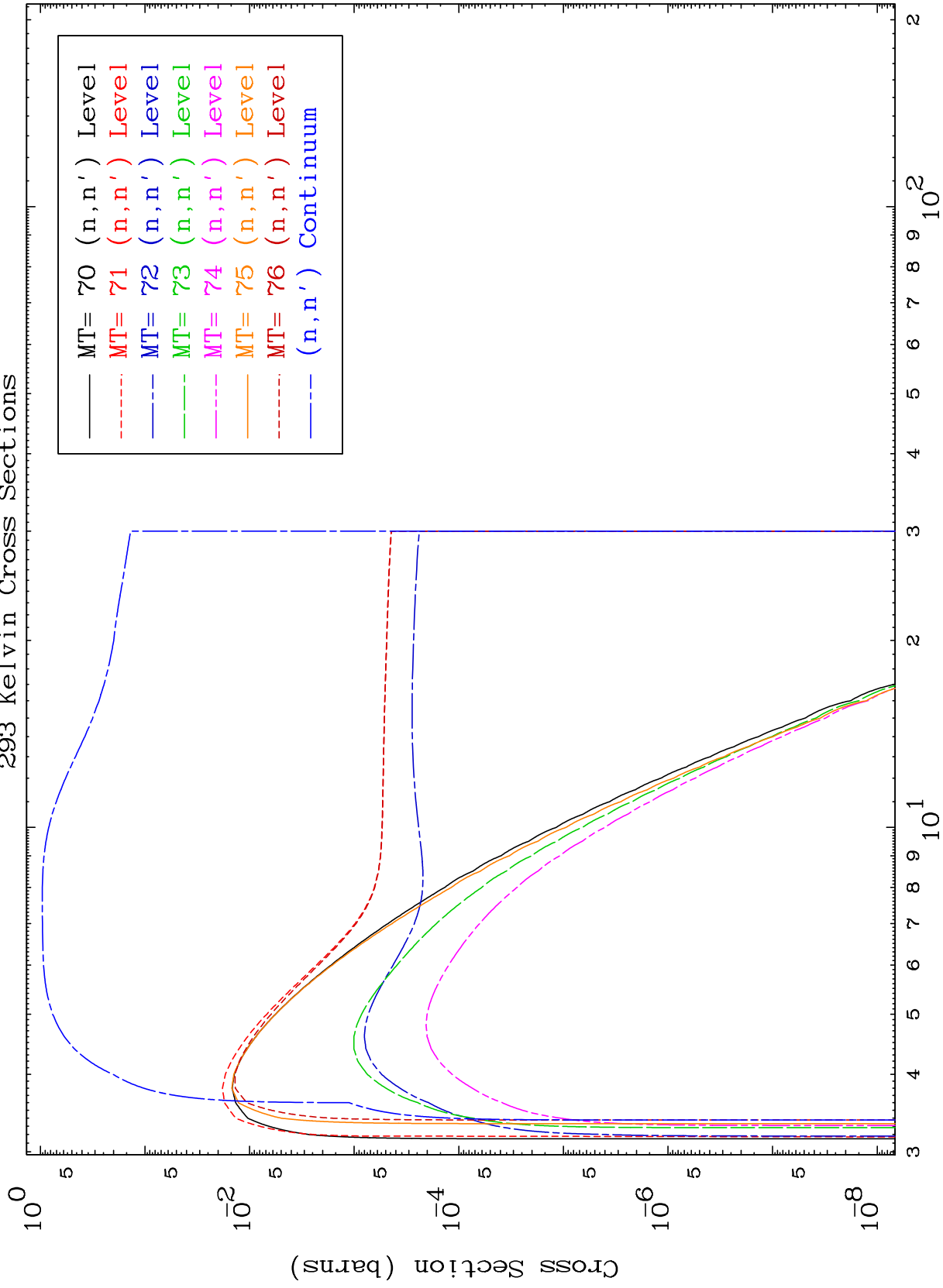
52-Te-114

MAT 5207

(n,n') Level

293 Kelvin Cross Sections

52-Te-114



9

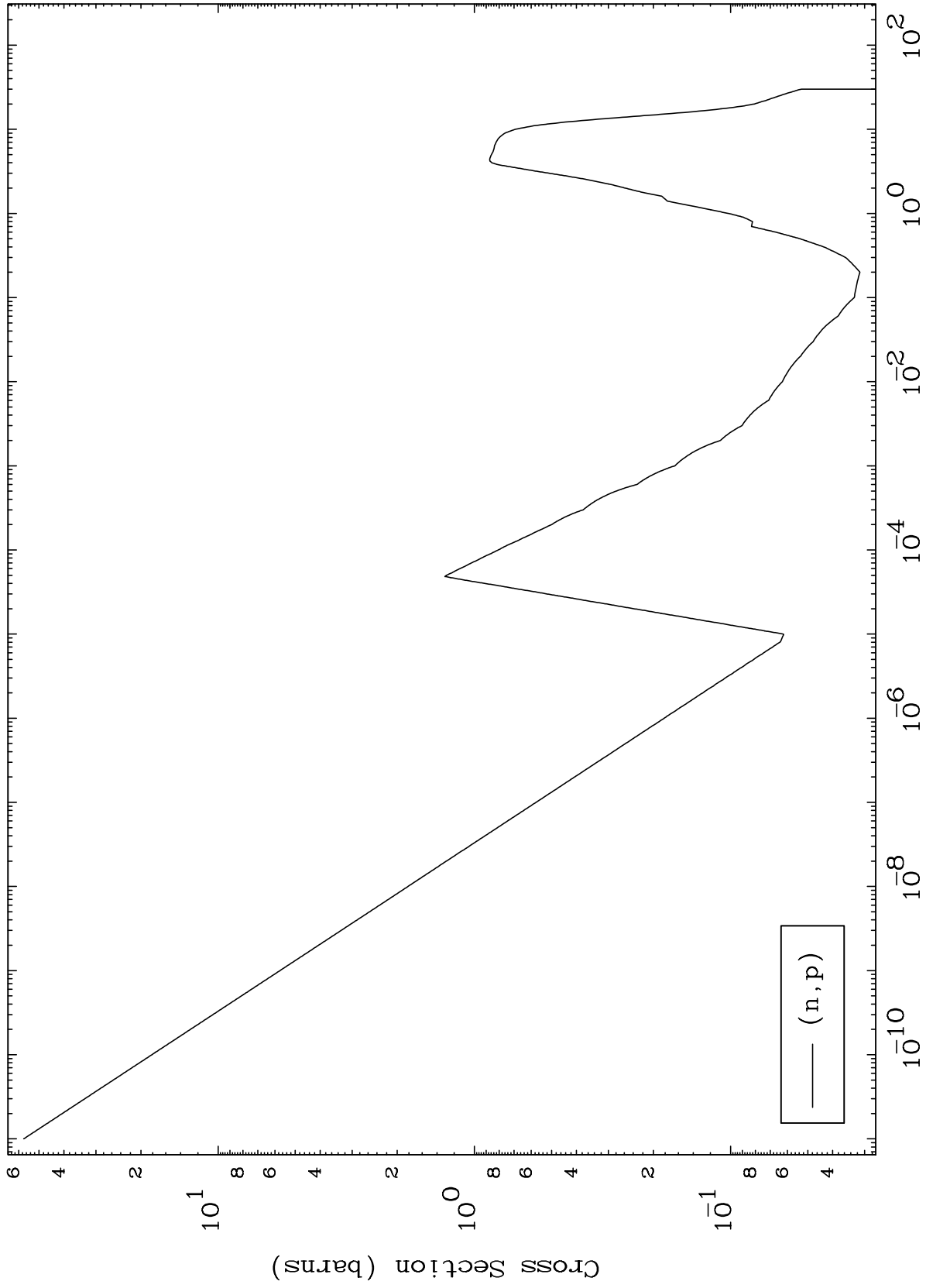
Incident Energy (MeV)

52-Te-114

MAT 5207

(n,p) Levels
293 Kelvin Cross Sections

52-Te-114



10

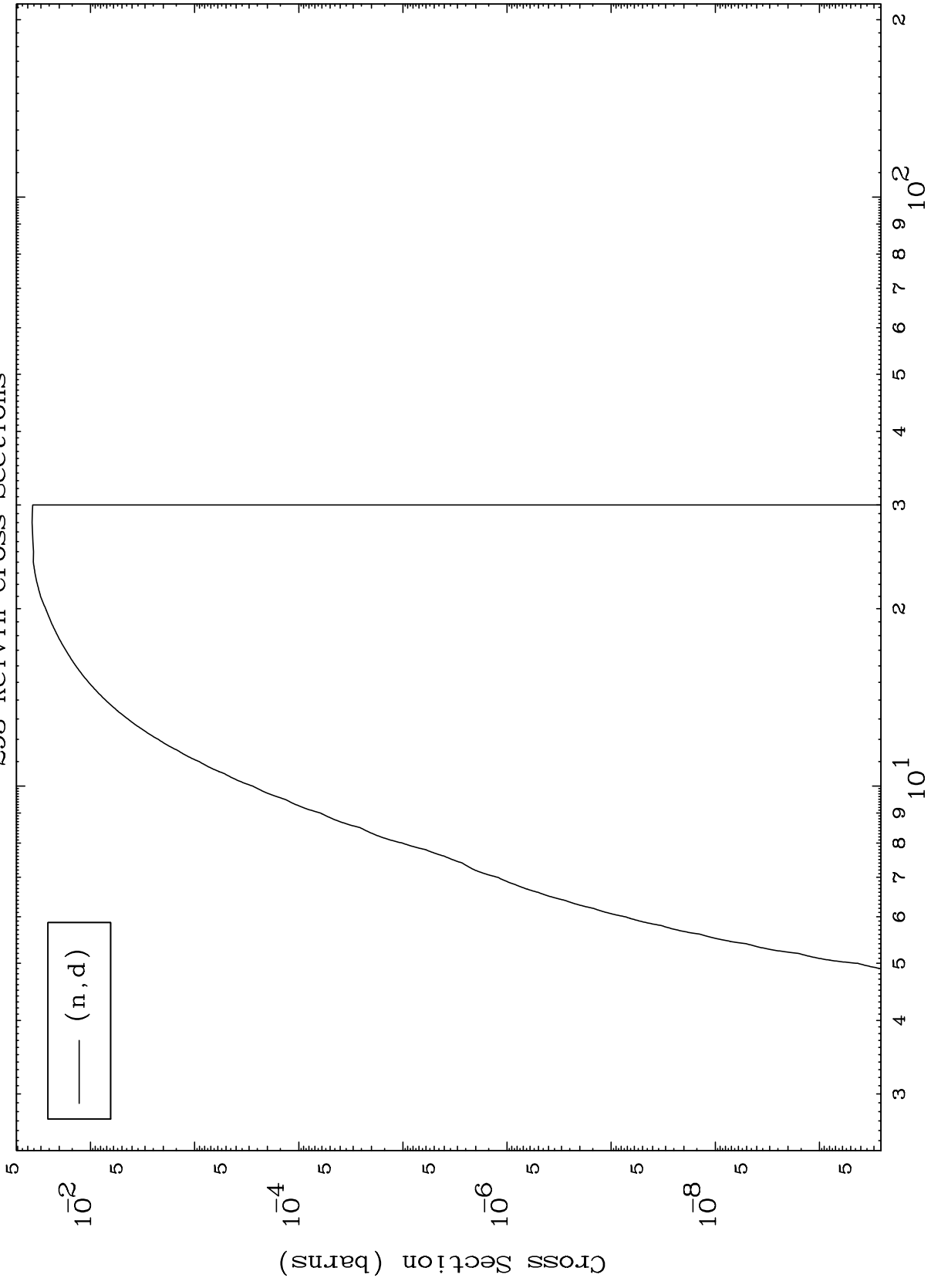
Incident Energy (MeV)

52-Te-114

MAT 5207

(n,d) Levels
293 Kelvin Cross Sections

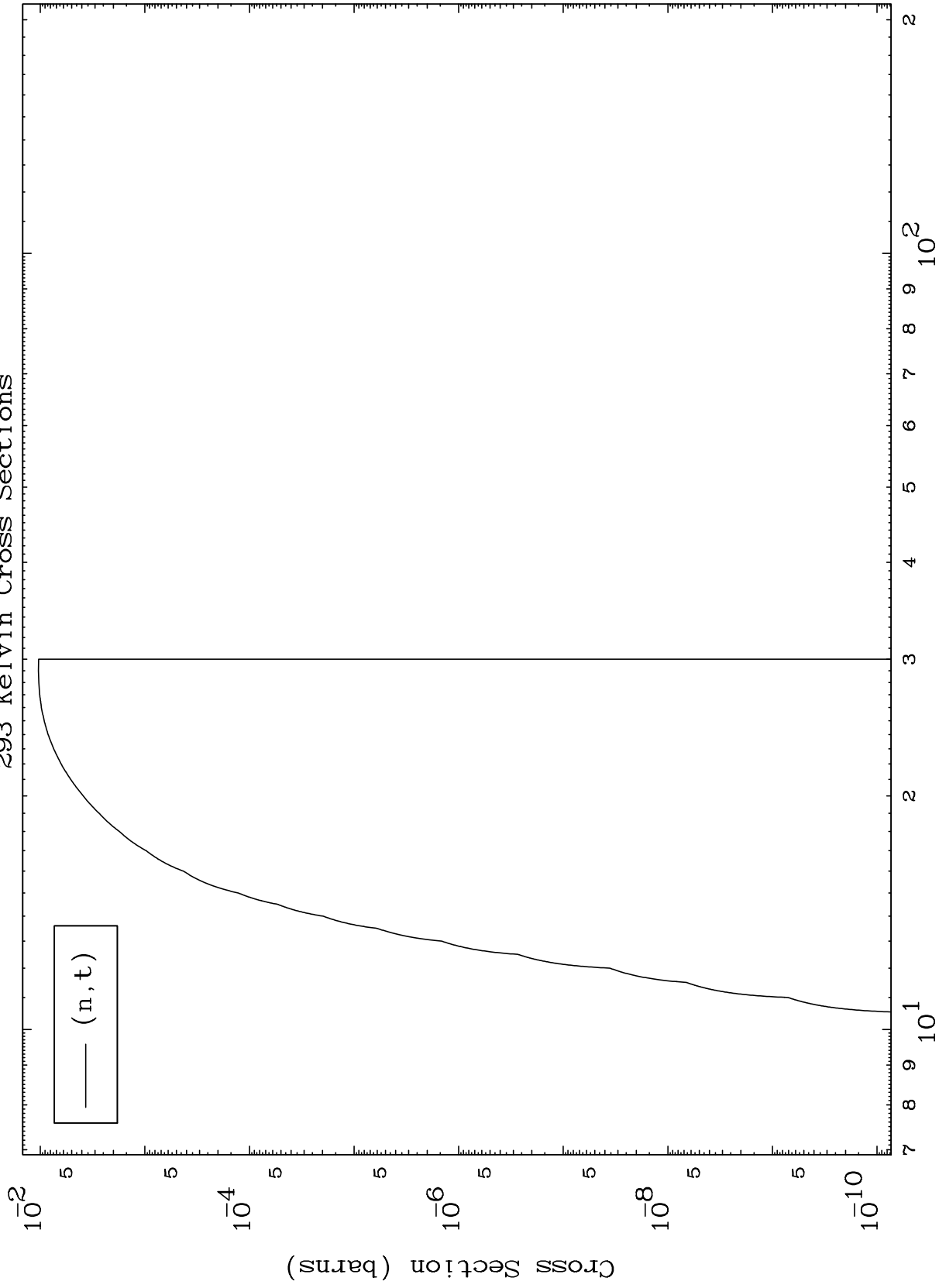
52-Te-114



MAT 5207

(n,t) Levels
293 Kelvin Cross Sections

52-Te-114



12

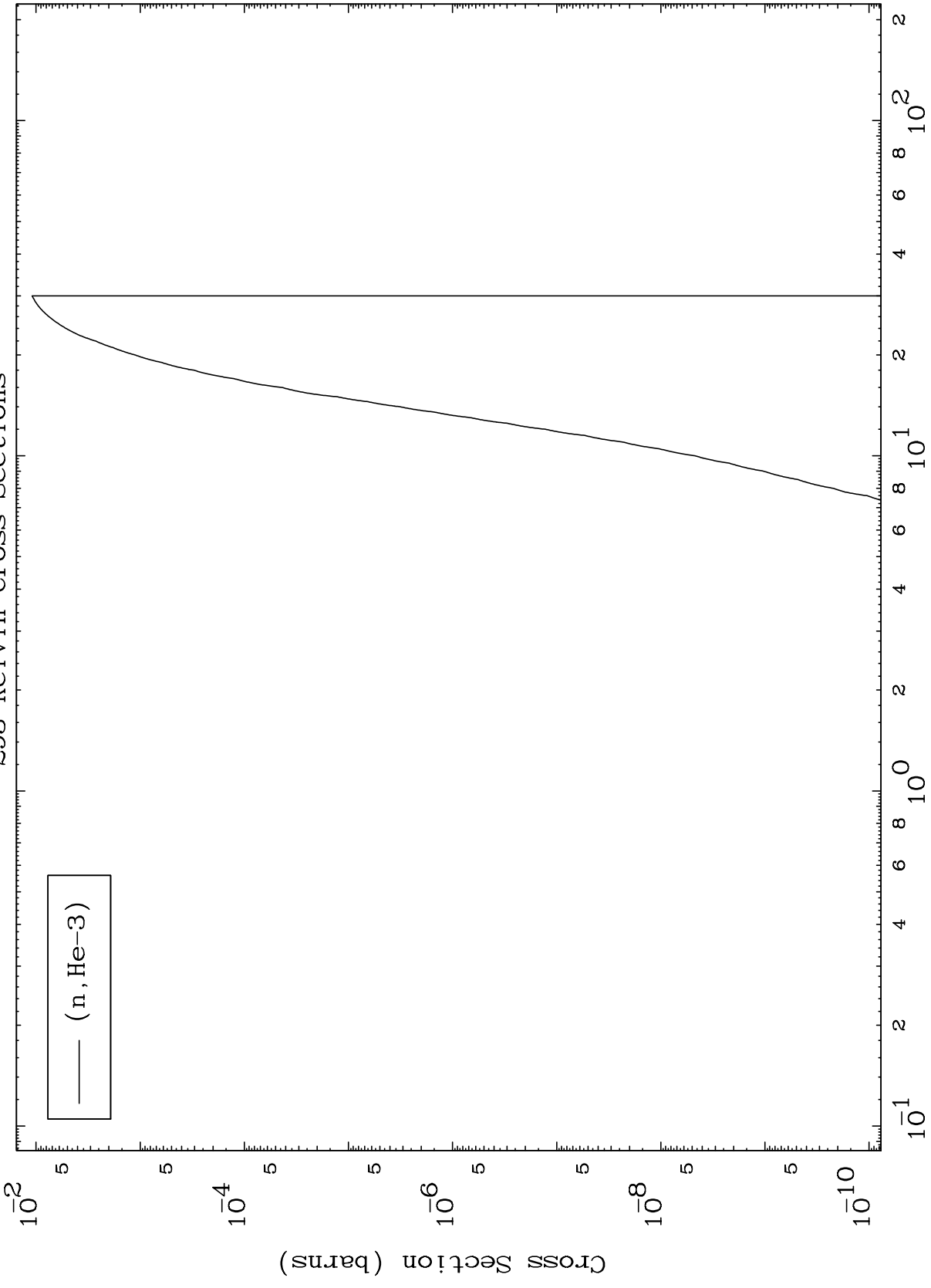
Incident Energy (MeV)

52-Te-114

MAT 5207

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-114



13

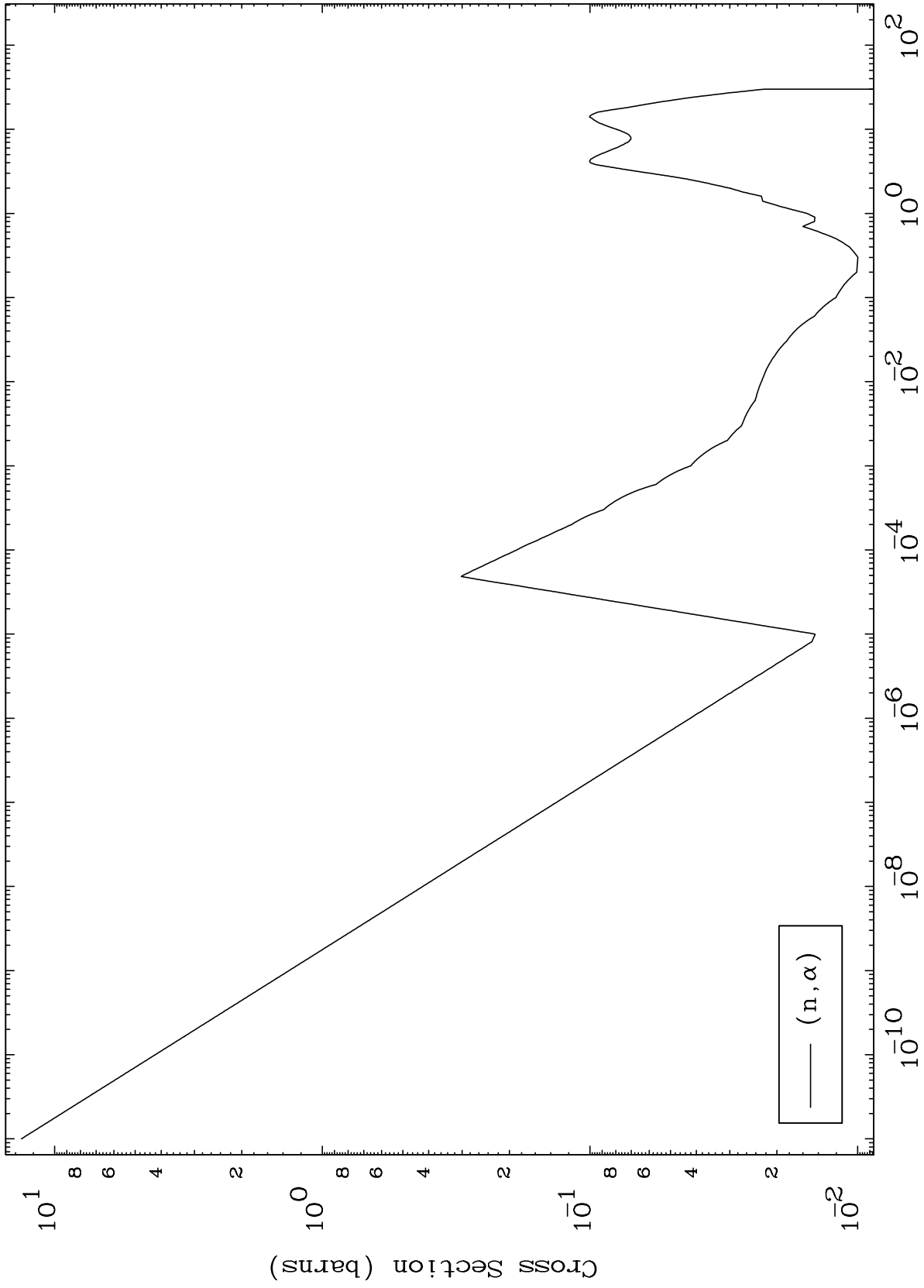
Incident Energy (MeV)

52-Te-114

MAT 5207

(n,α) Levels
293 Kelvin Cross Sections

52-Te-114

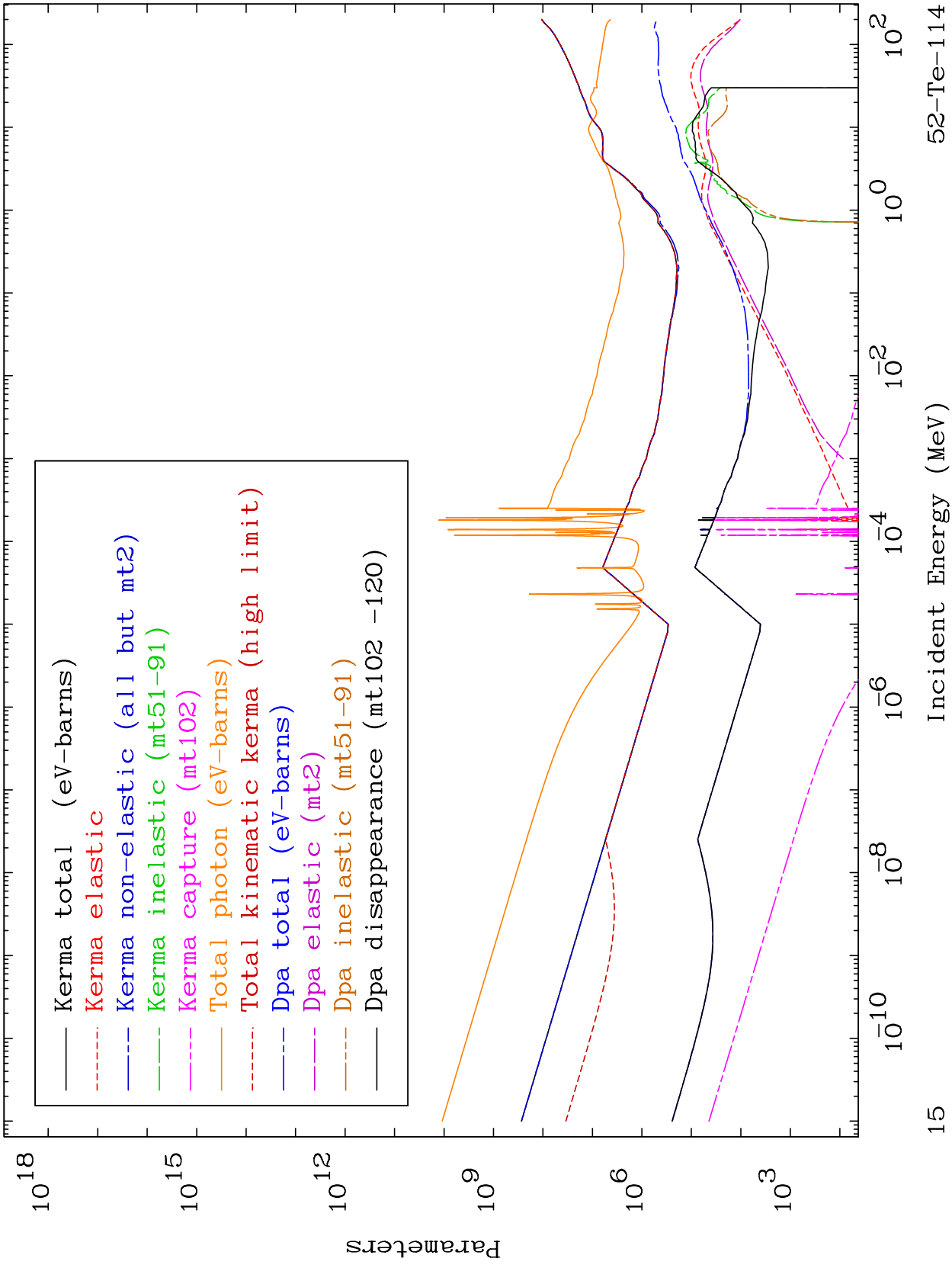


14

Incident Energy (MeV)

52-Te-114

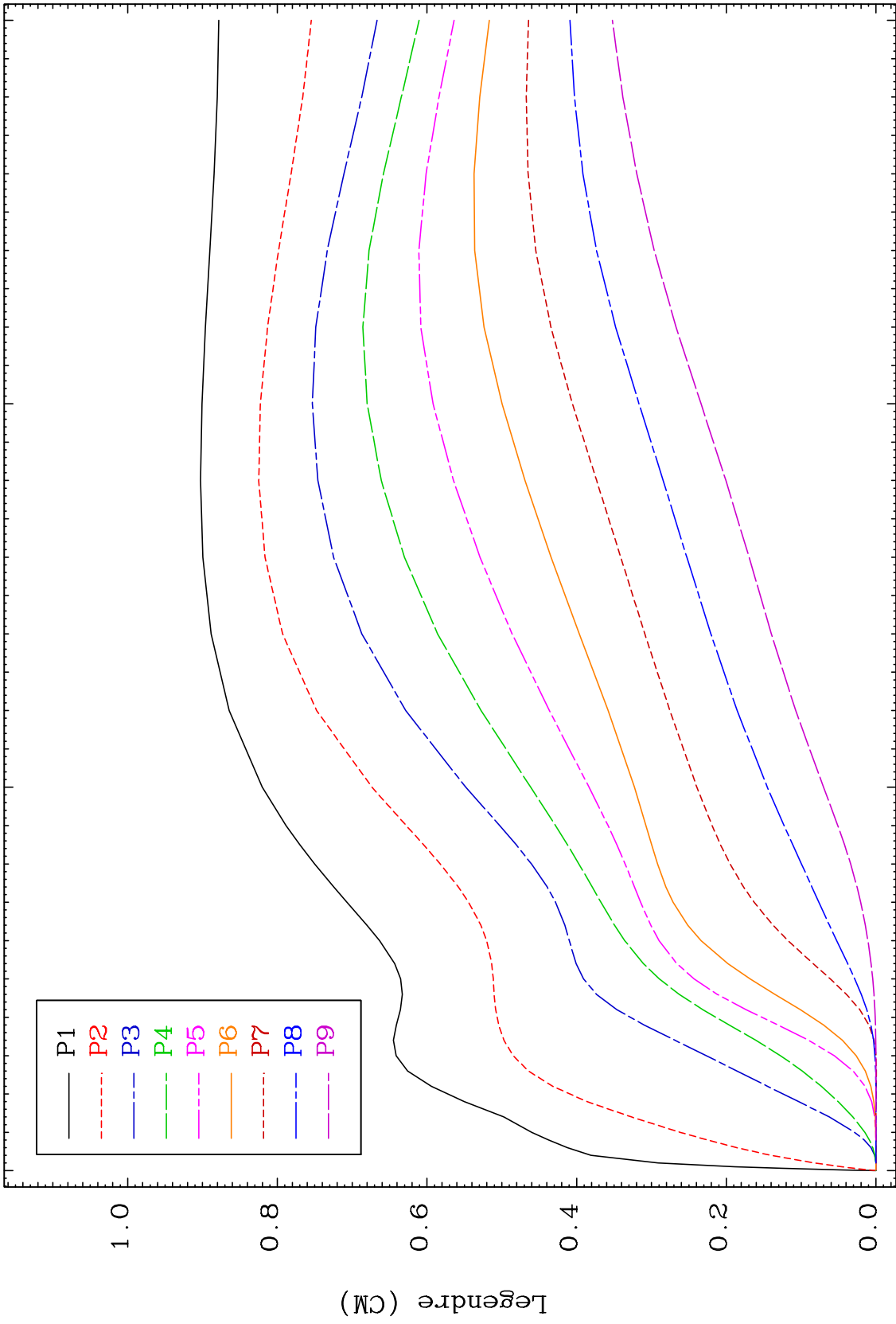
— (n,α)



MAT 5207

Elastic Legendre Coefficients

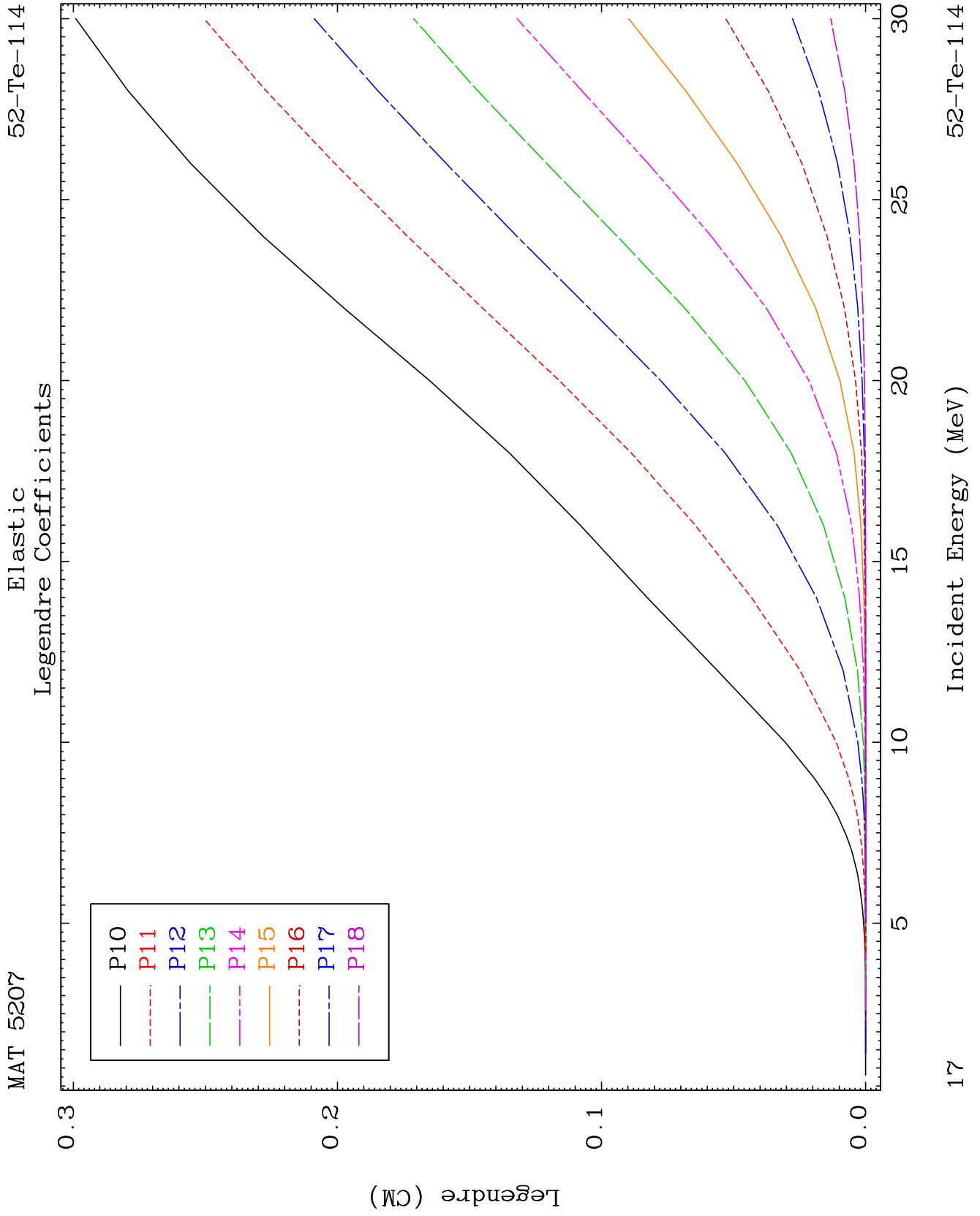
52-Te-114



16

Incident Energy (MeV)

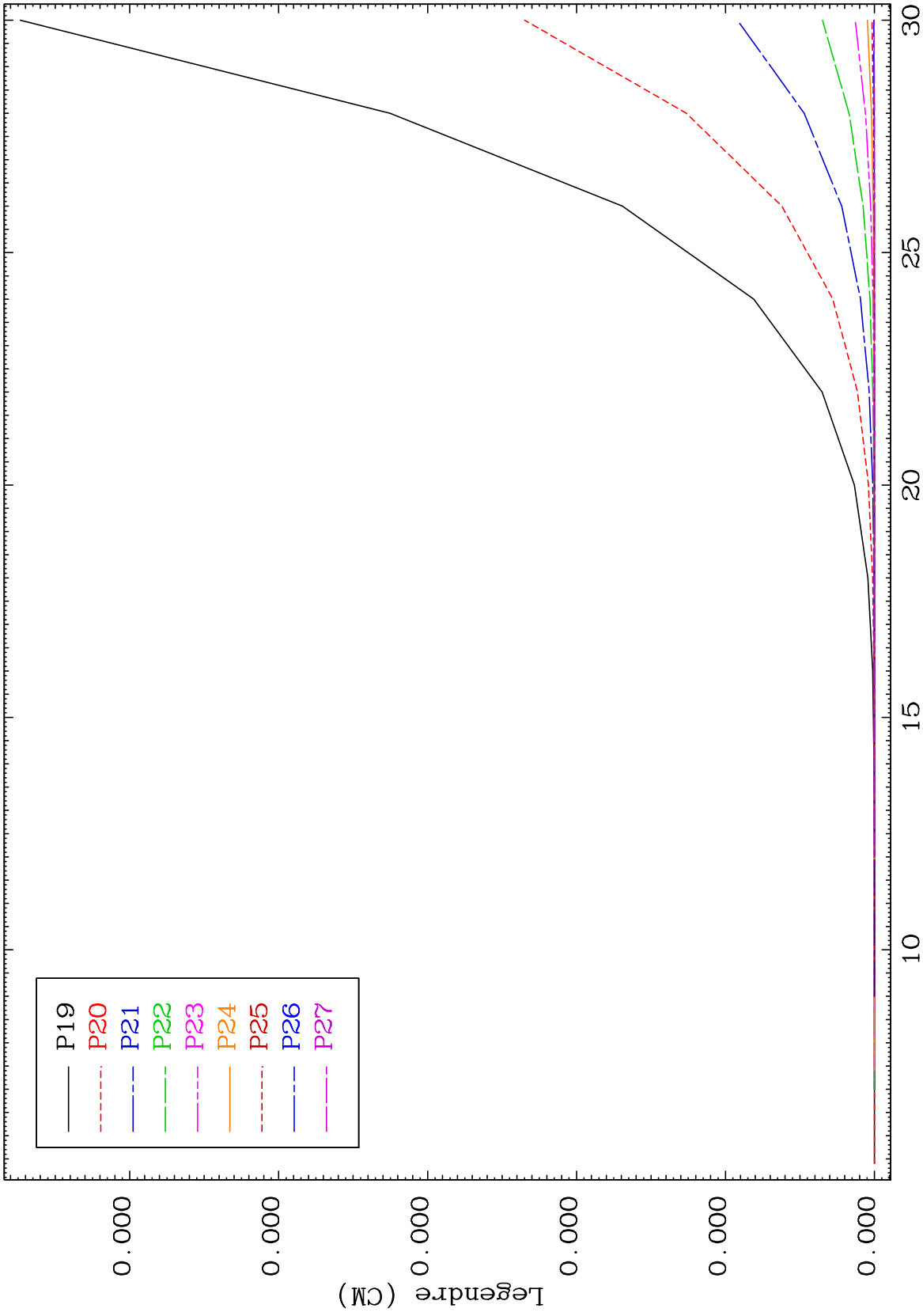
52-Te-114



MAT 5207

Elastic Legendre Coefficients

52-Te-114



18

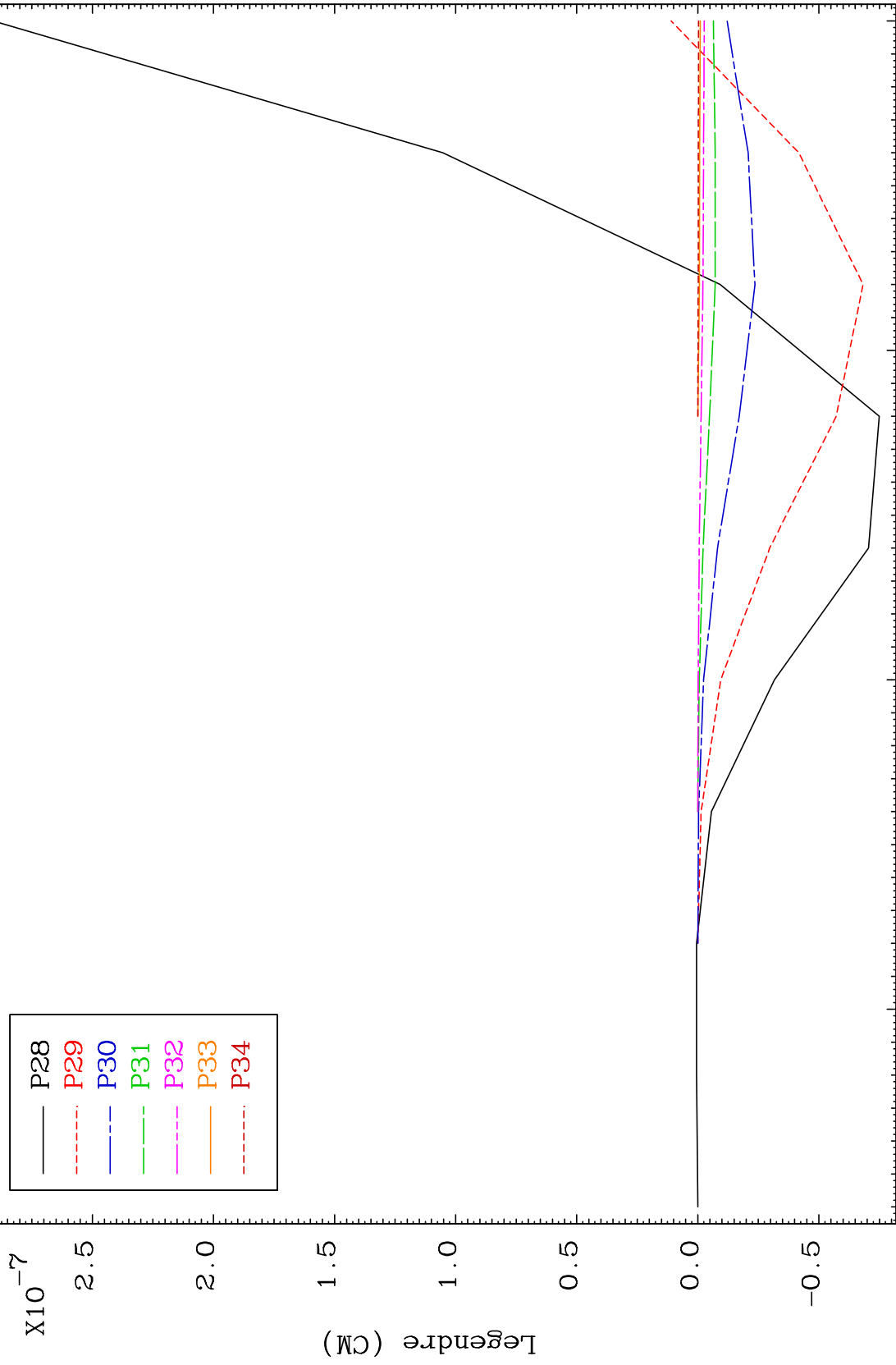
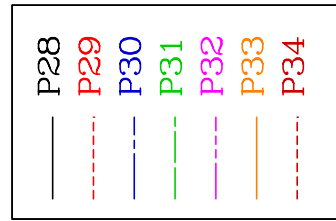
Incident Energy (MeV)

52-Te-114

MAT 5207

Elastic Legendre Coefficients

52-Te-114



19

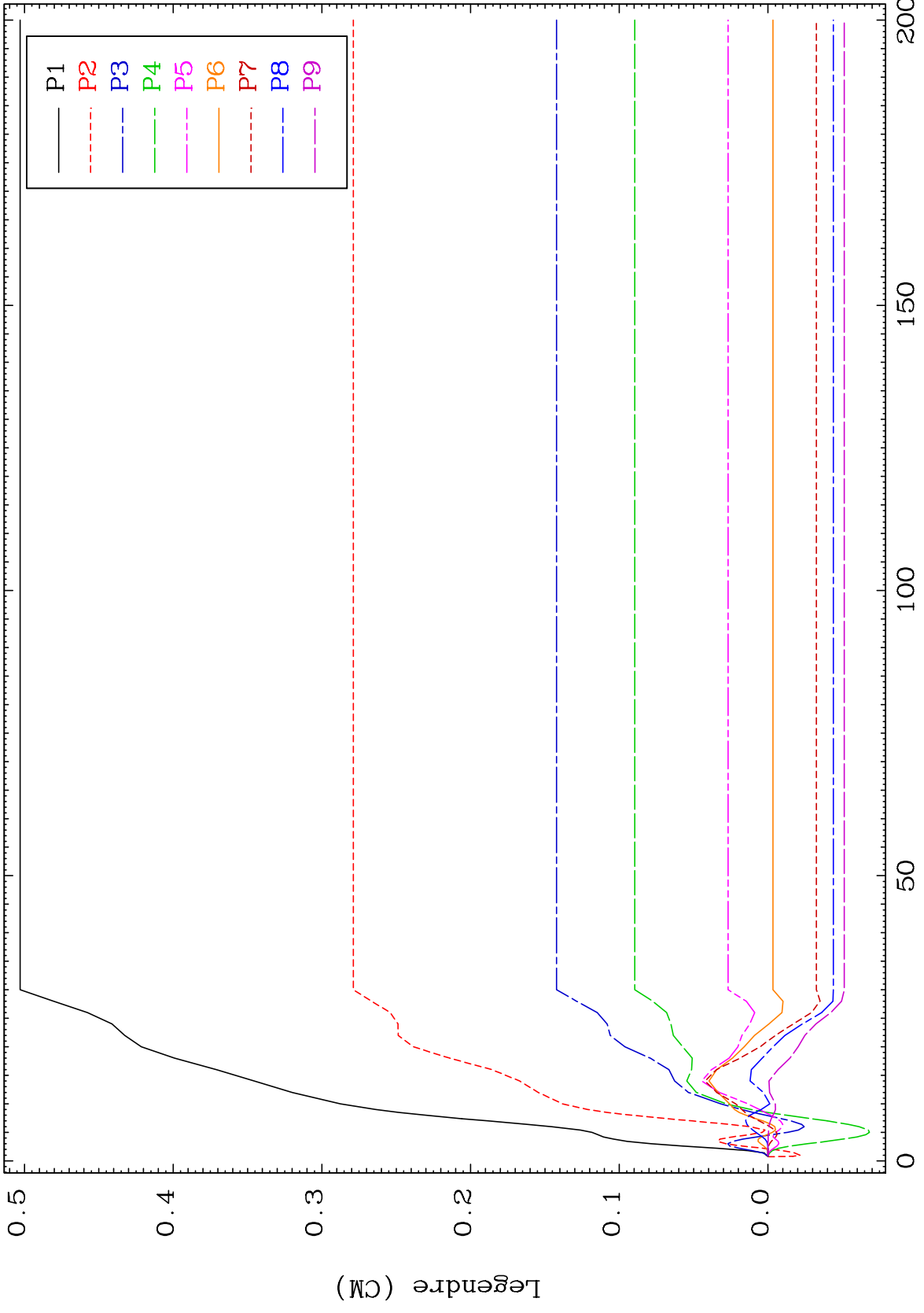
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



20

0

50

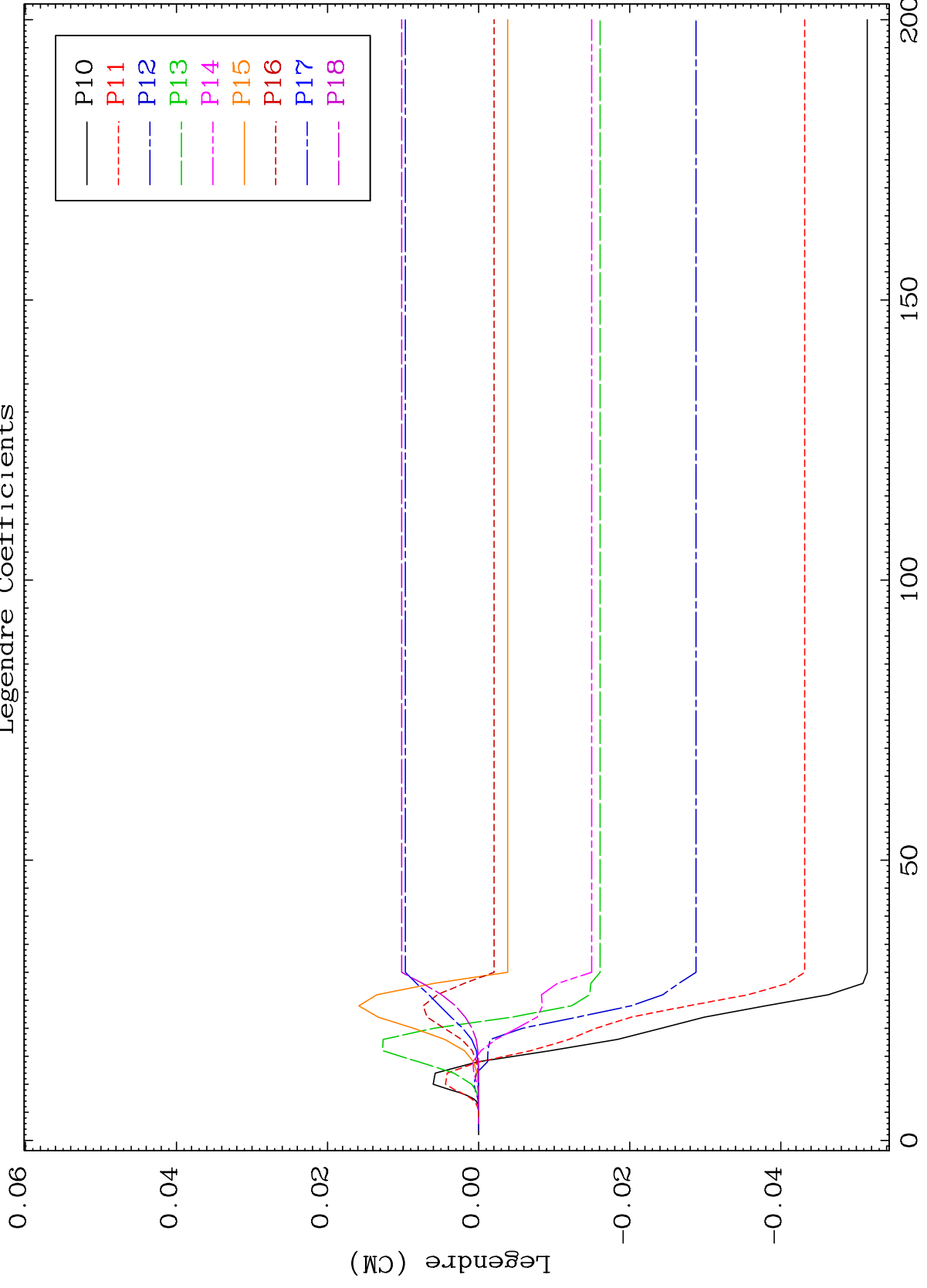
100

150

200

52-Te-114

MAT 5207 MT= 51 (n,n') Level Legendre Coefficients 52-Te-114

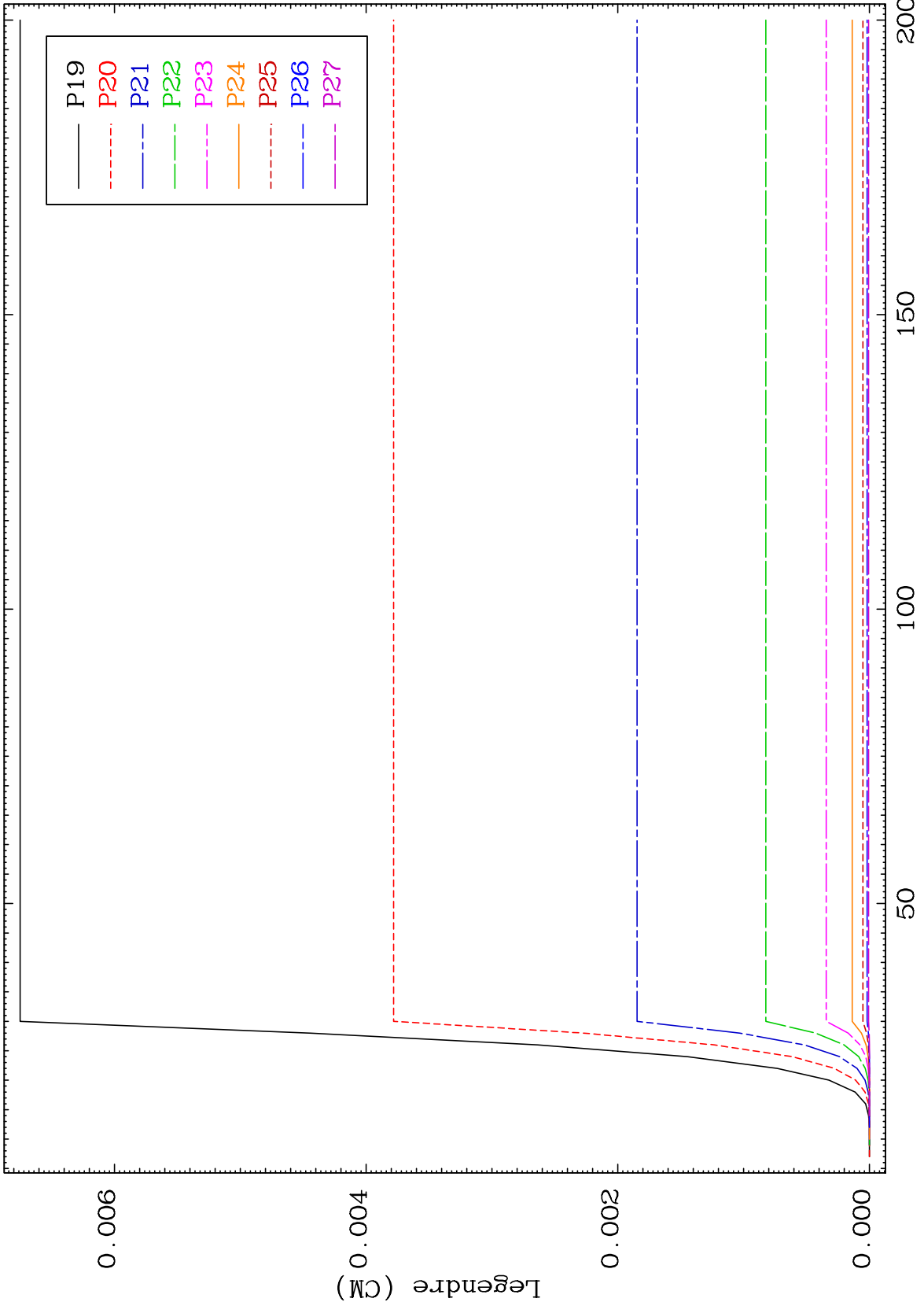


21 52-Te-114

MAT 5207

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

52-Te-114



22

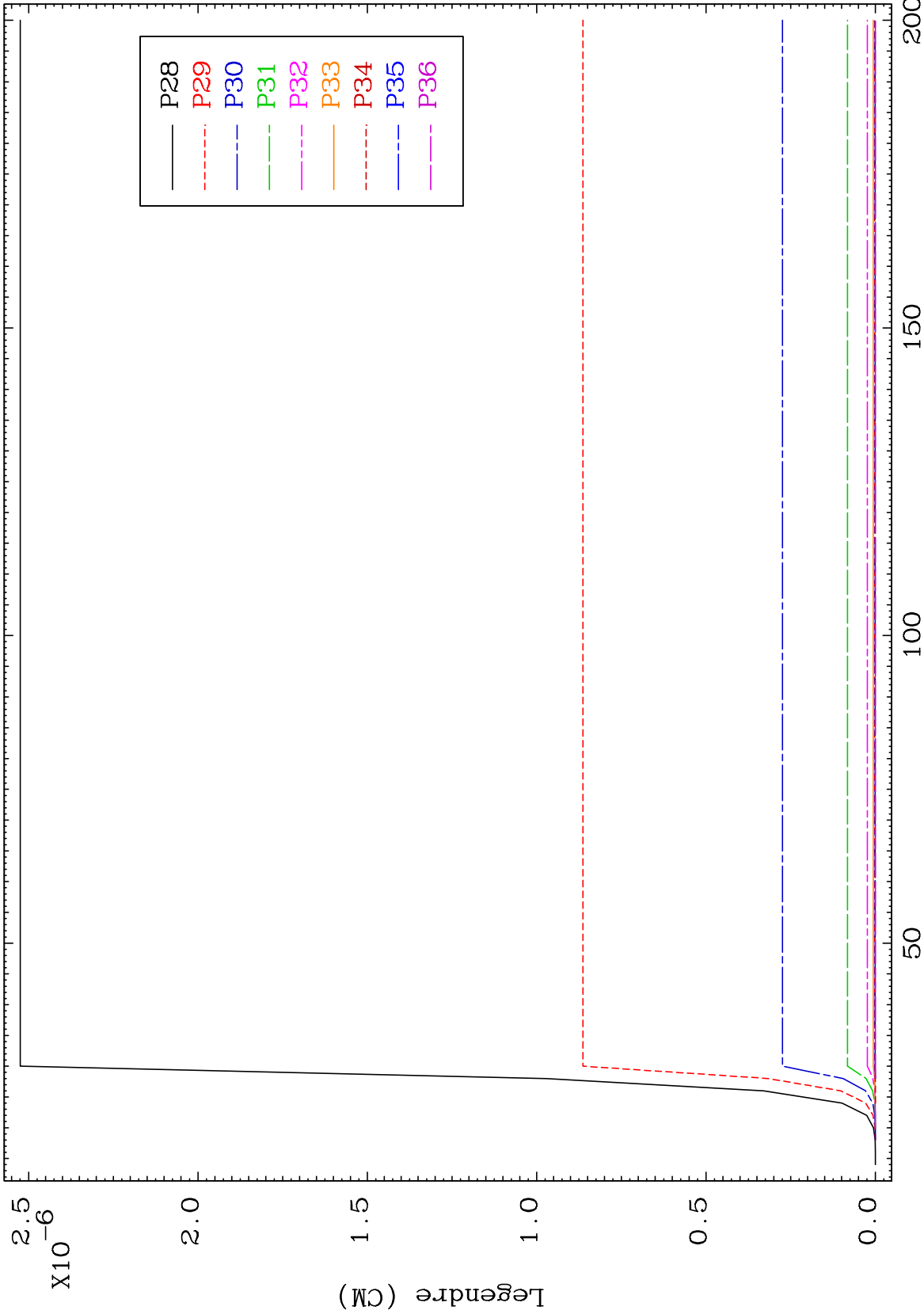
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114

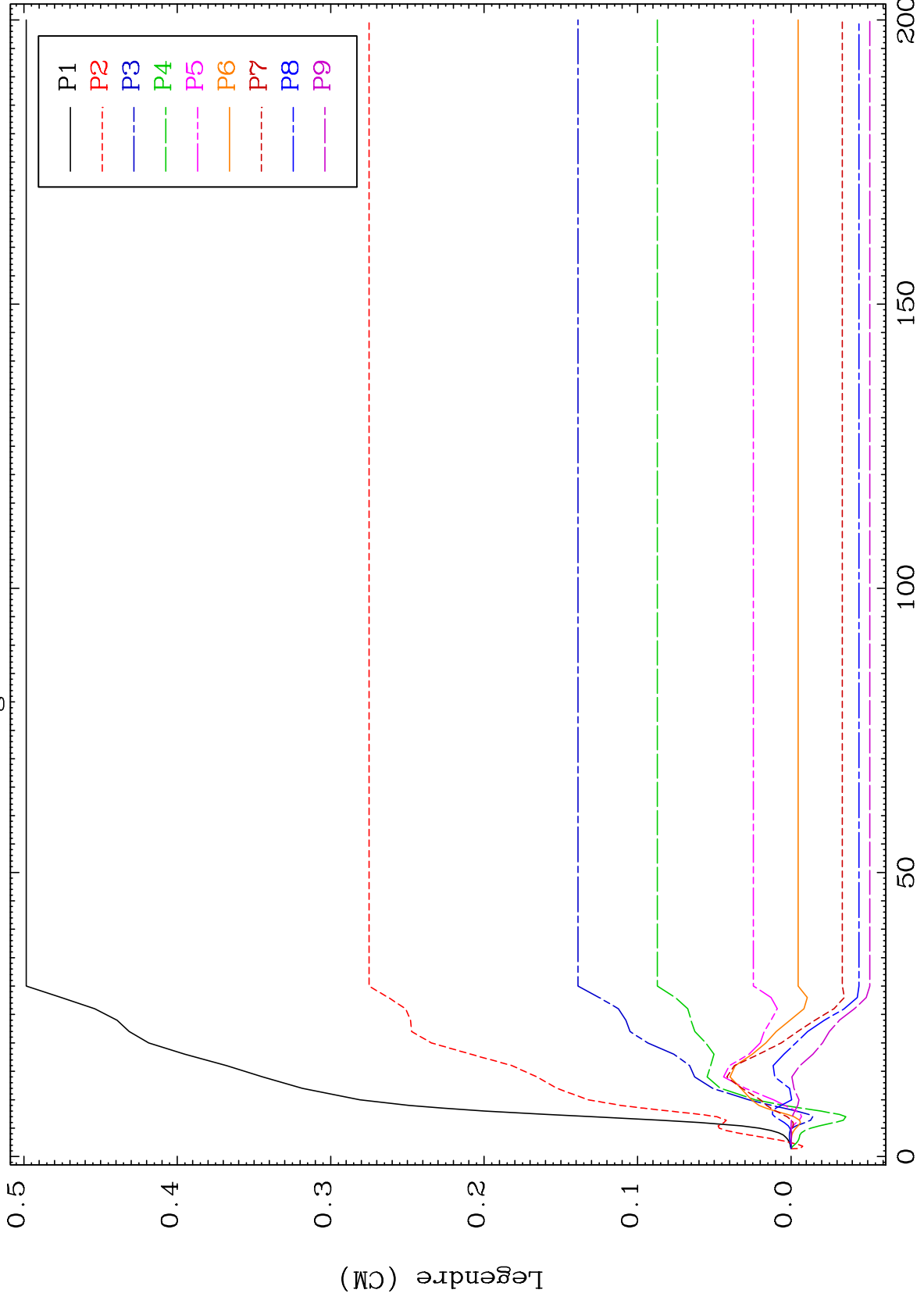


23

Incident Energy (MeV)

52-Te-114

MAT 5207 MT= 52 (n,n') Level Legendre Coefficients 52-Te-114

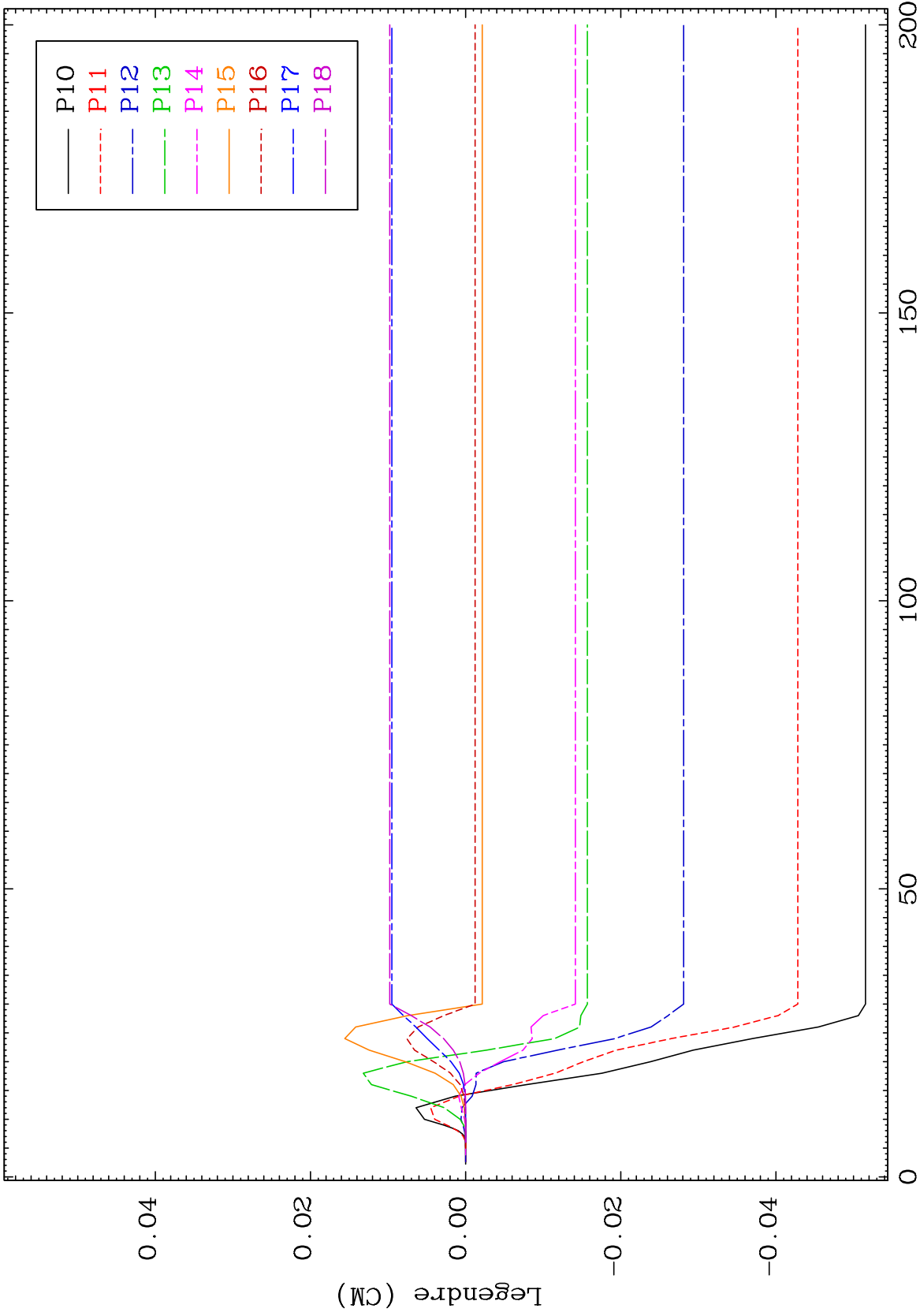


24 52-Te-114

MAT 5207

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

52-Te-114



25

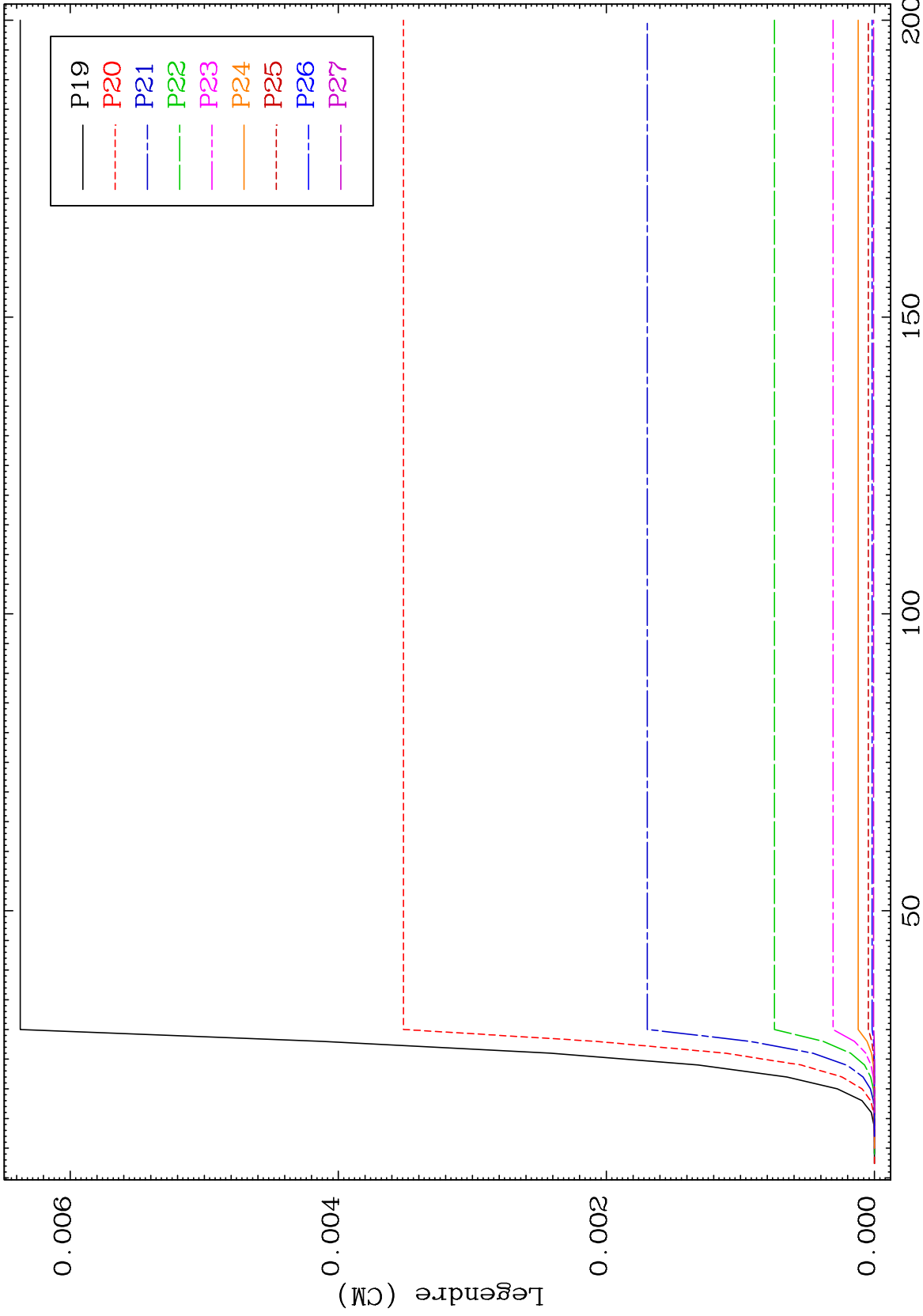
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



26

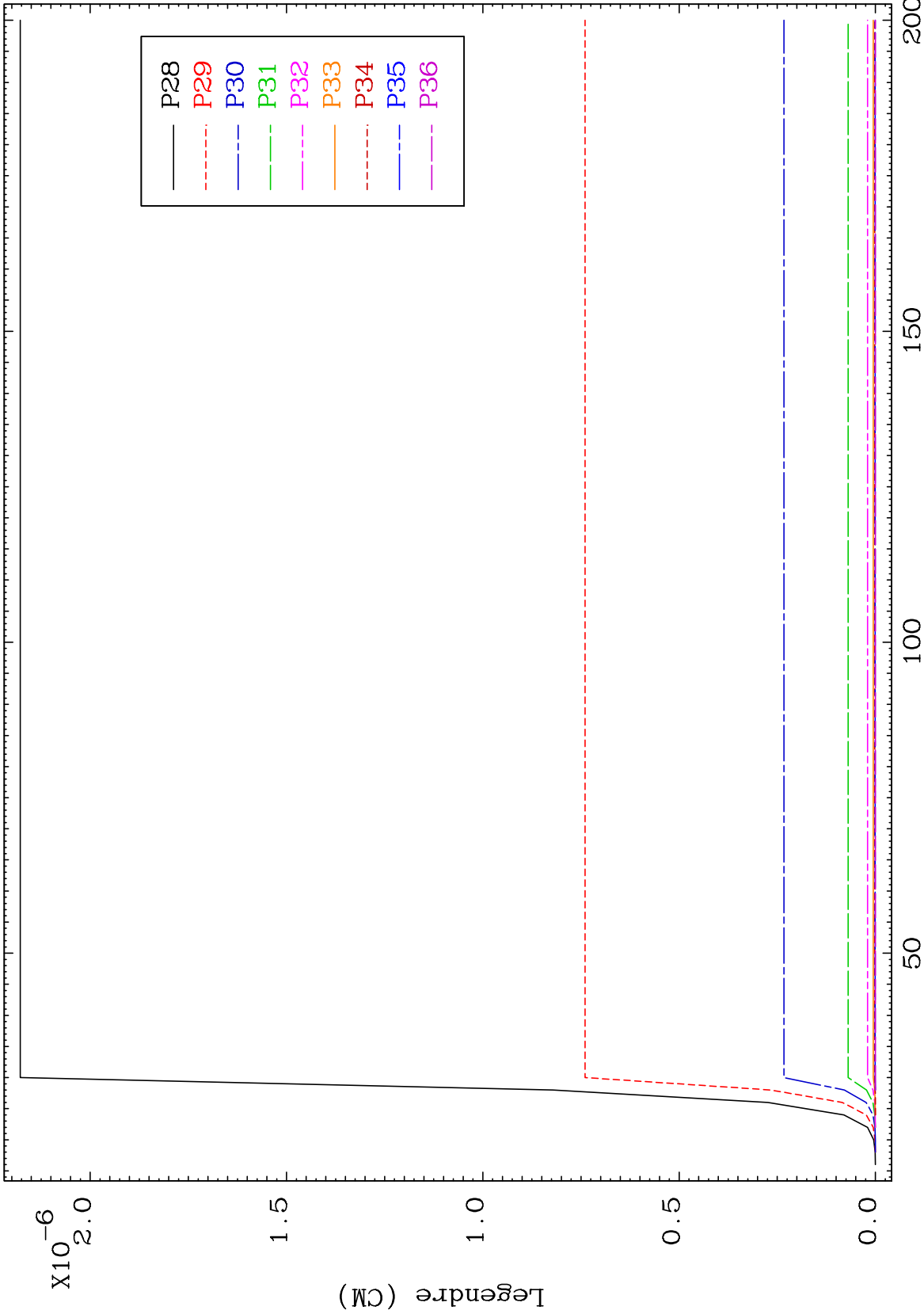
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



27

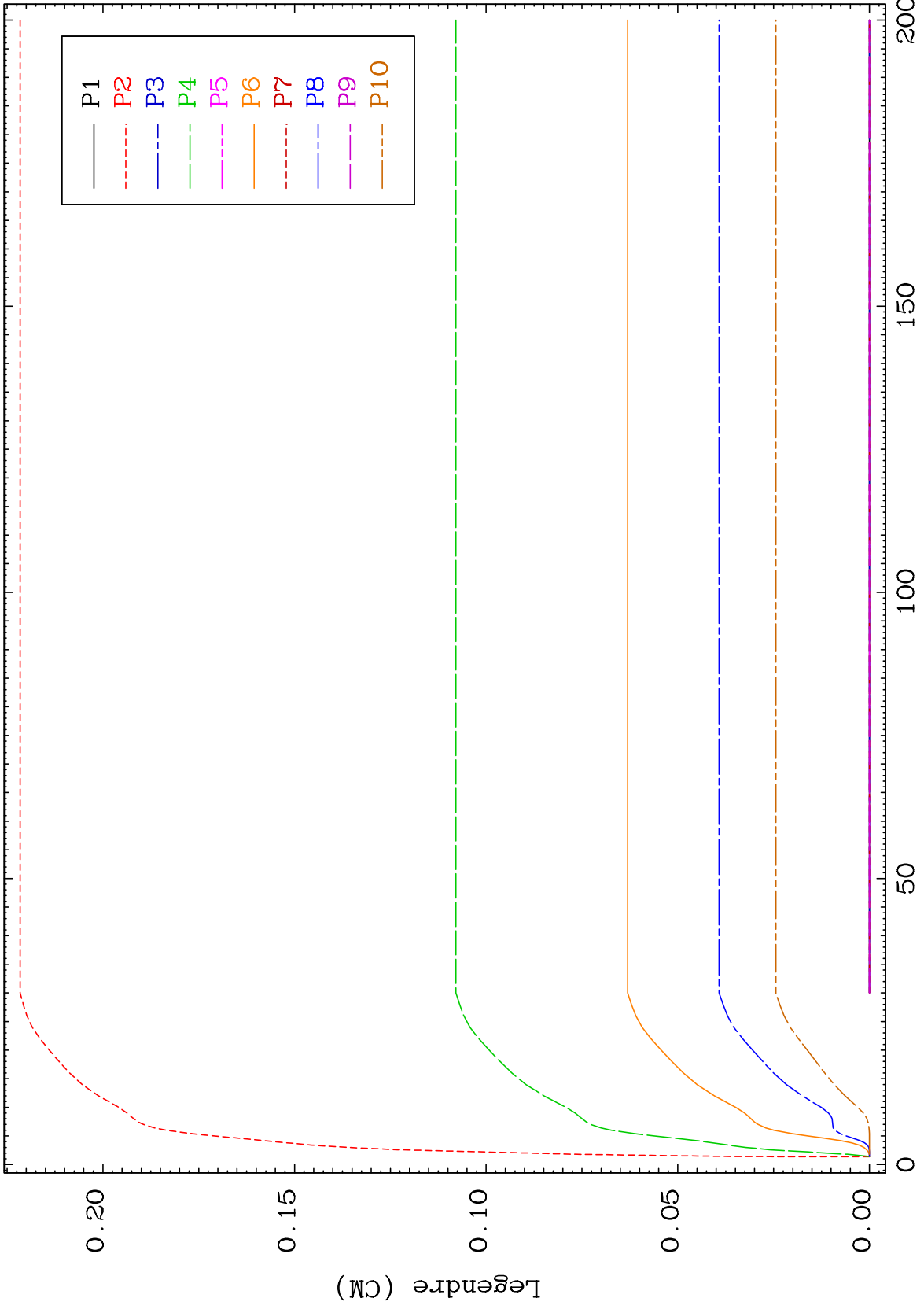
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



28

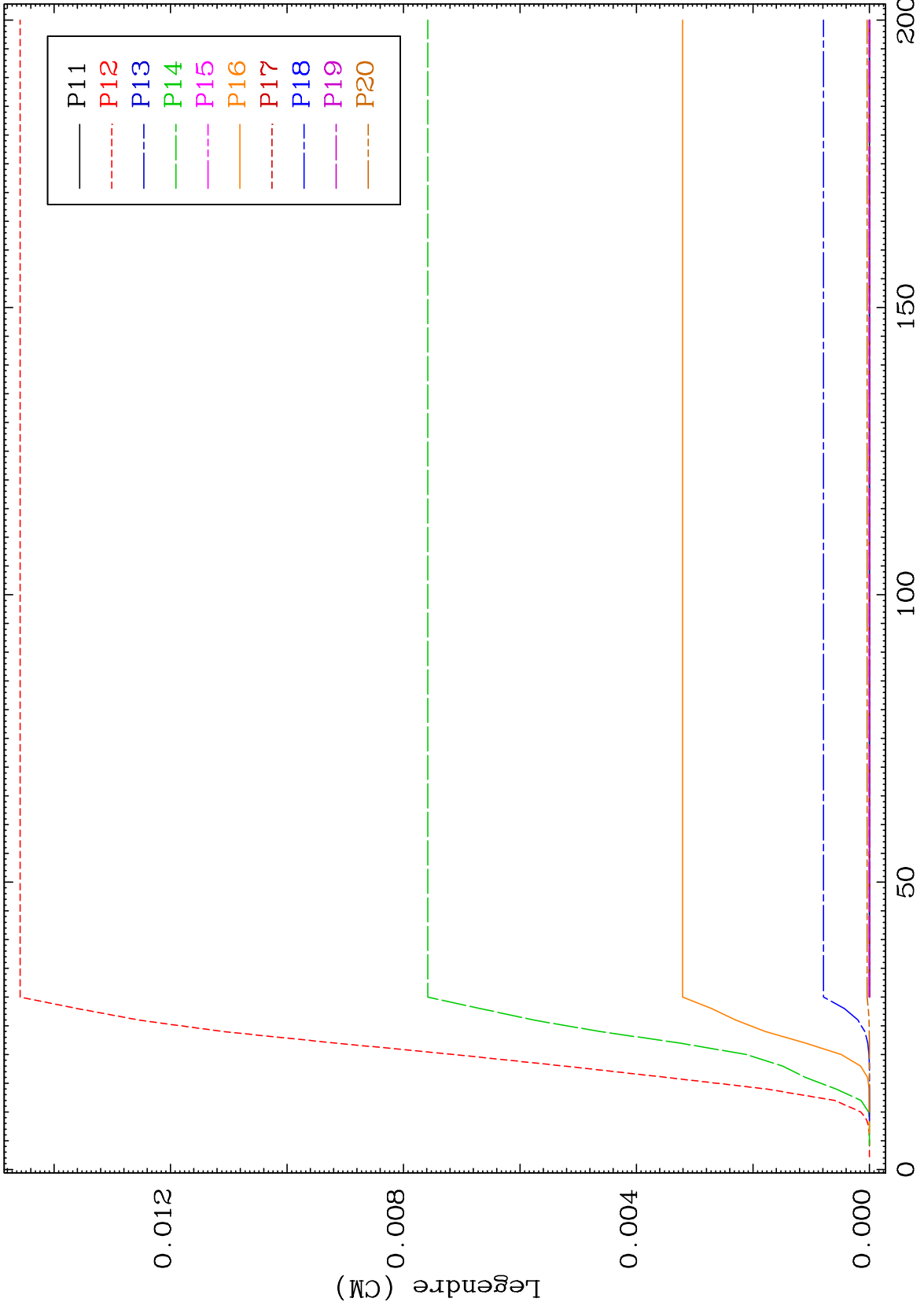
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114

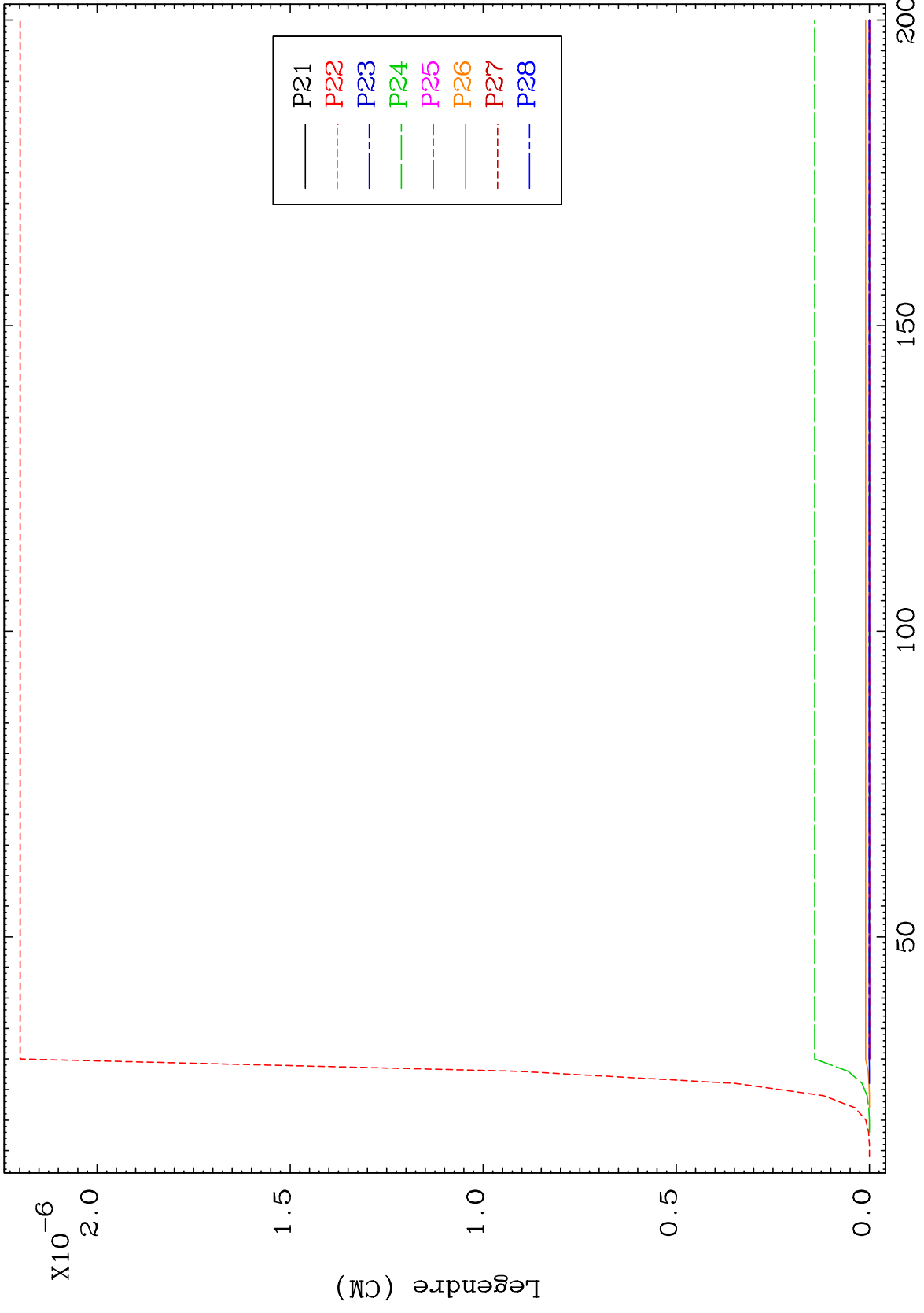


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Incident Energy (MeV)

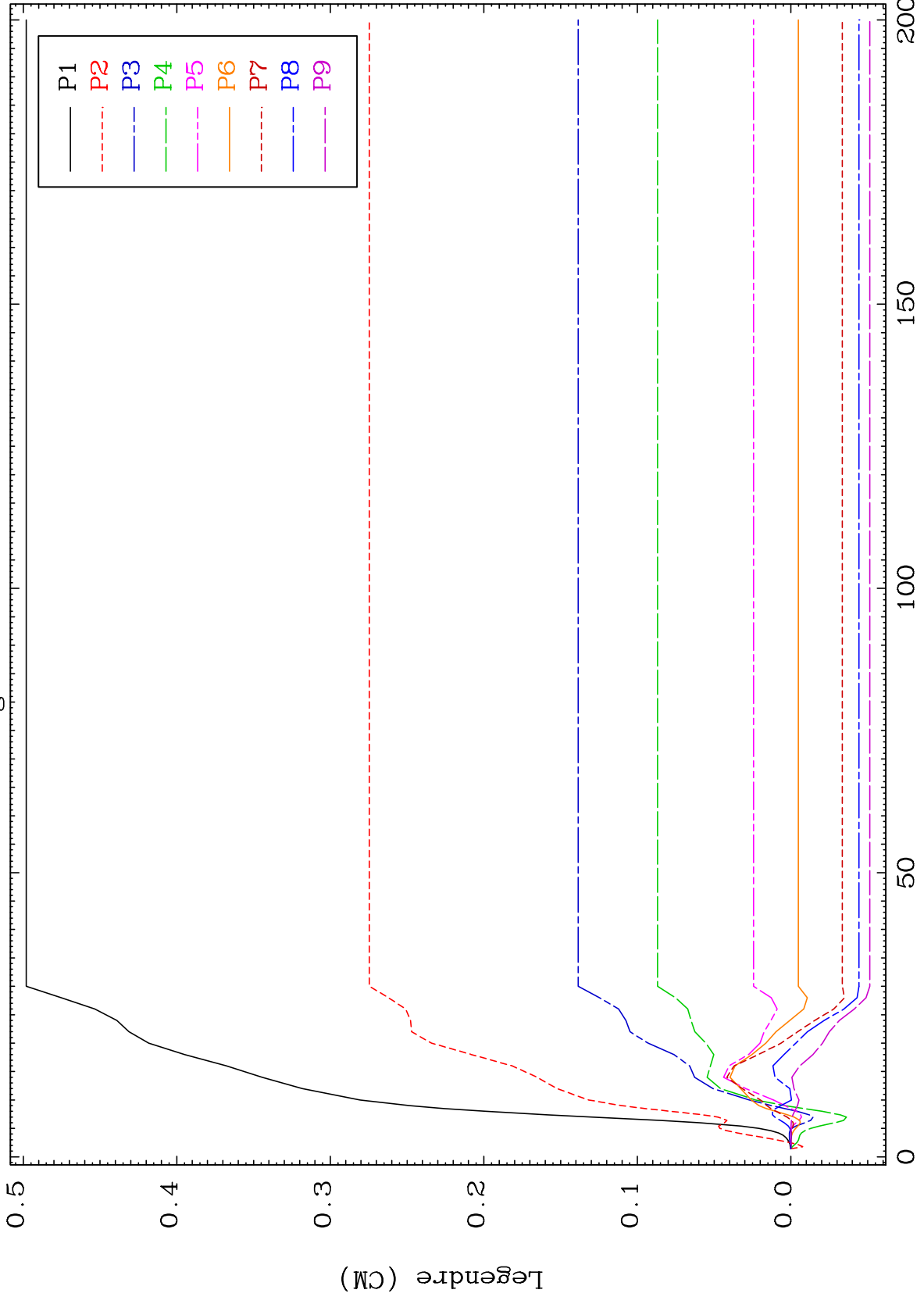
52-Te-114

MAT 5207 MT= 53 (n,n') Level Legendre Coefficients 52-Te-114



52-Te-114

MAT 5207 MT= 54 (n,n') Level Legendre Coefficients 52-Te-114

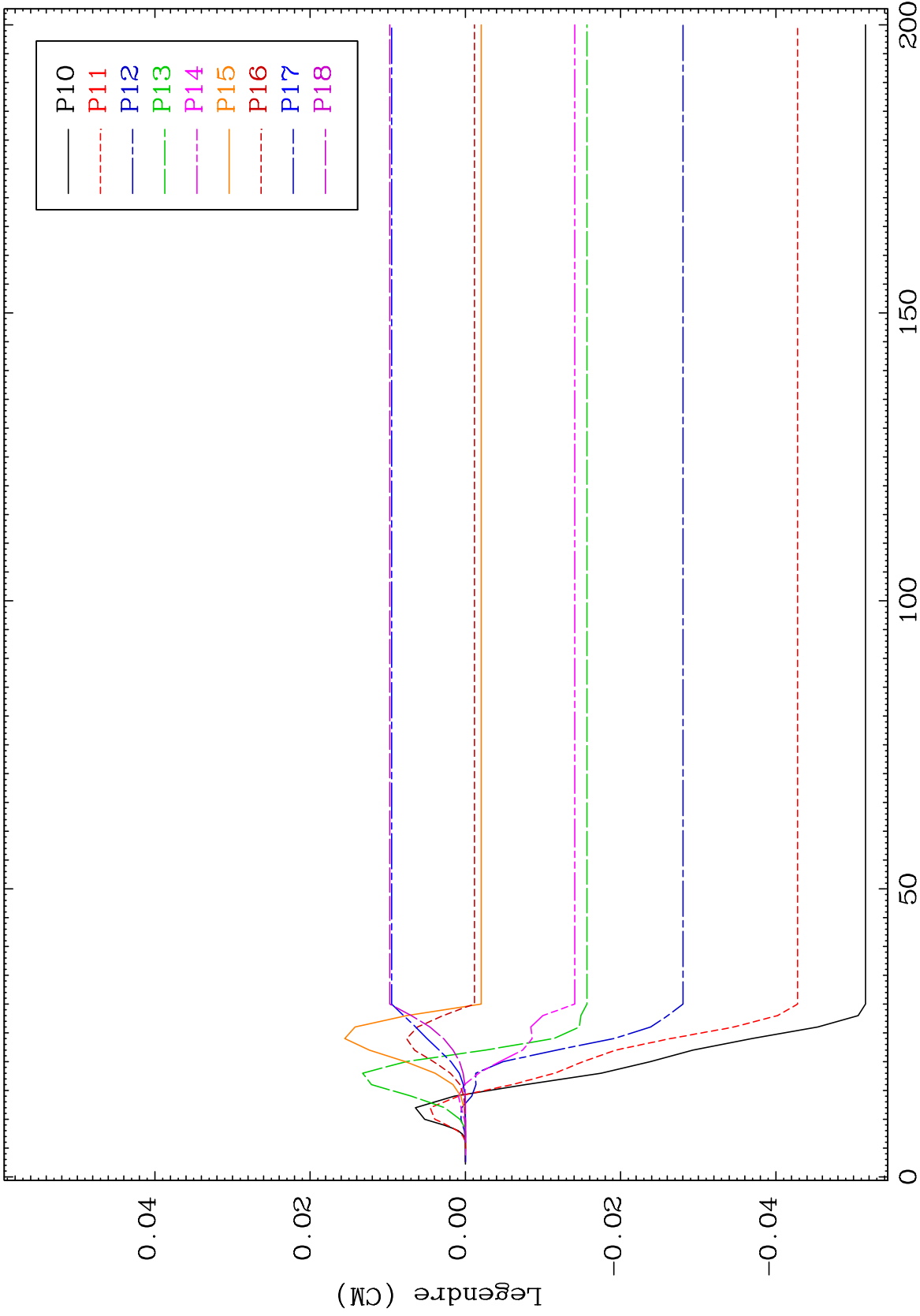


31 52-Te-114

MAT 5207

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

52-Te-114



32

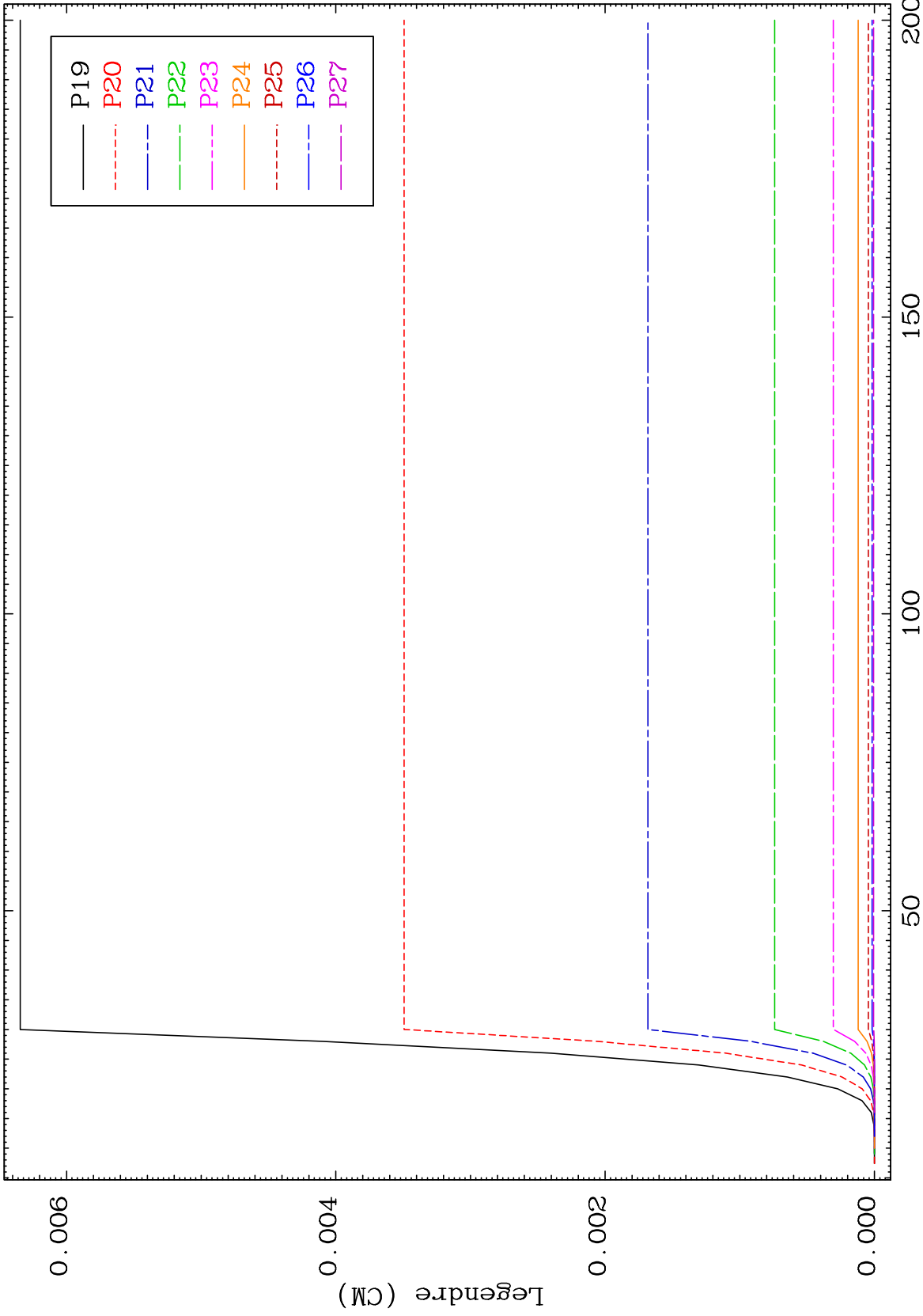
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



33

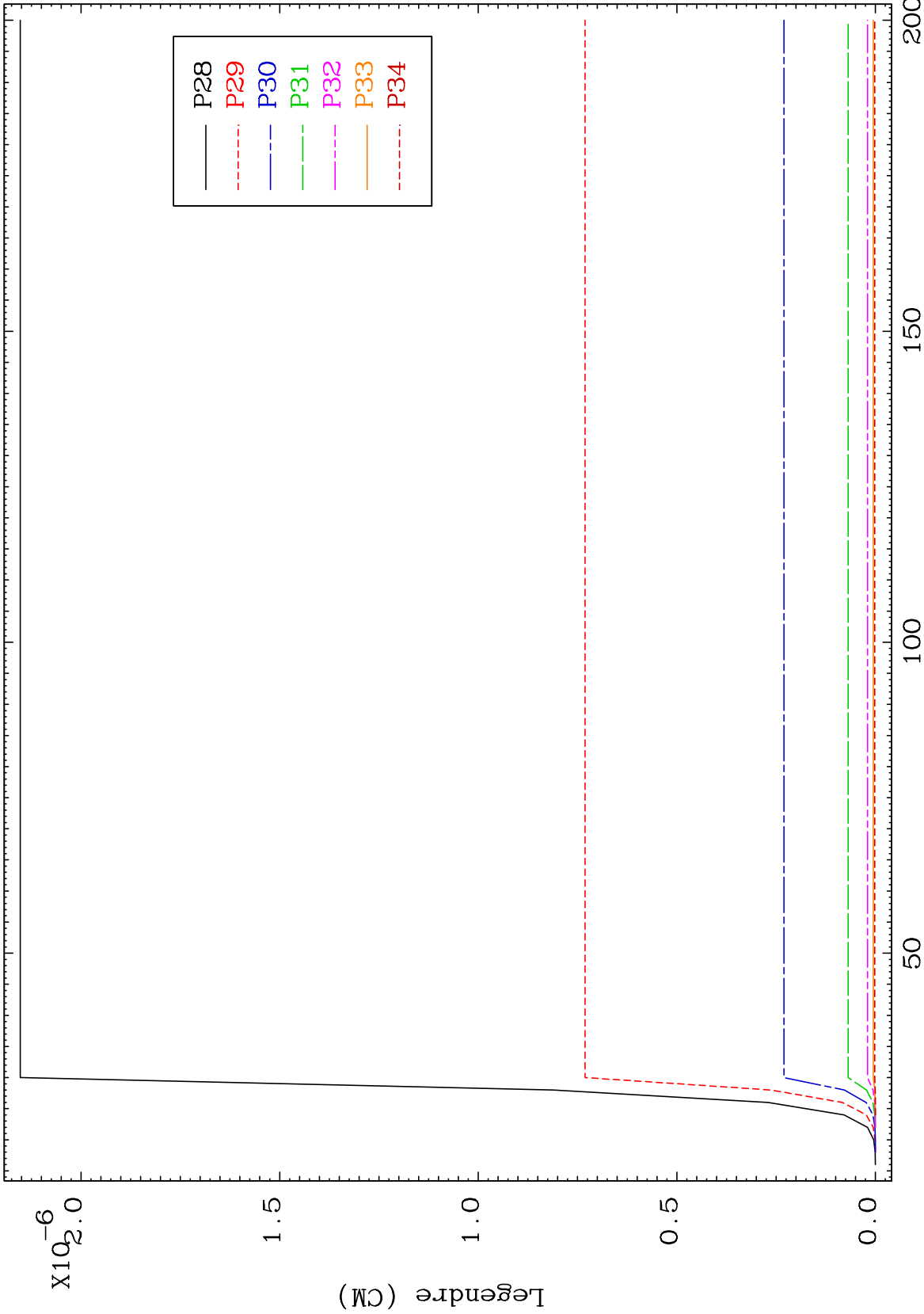
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



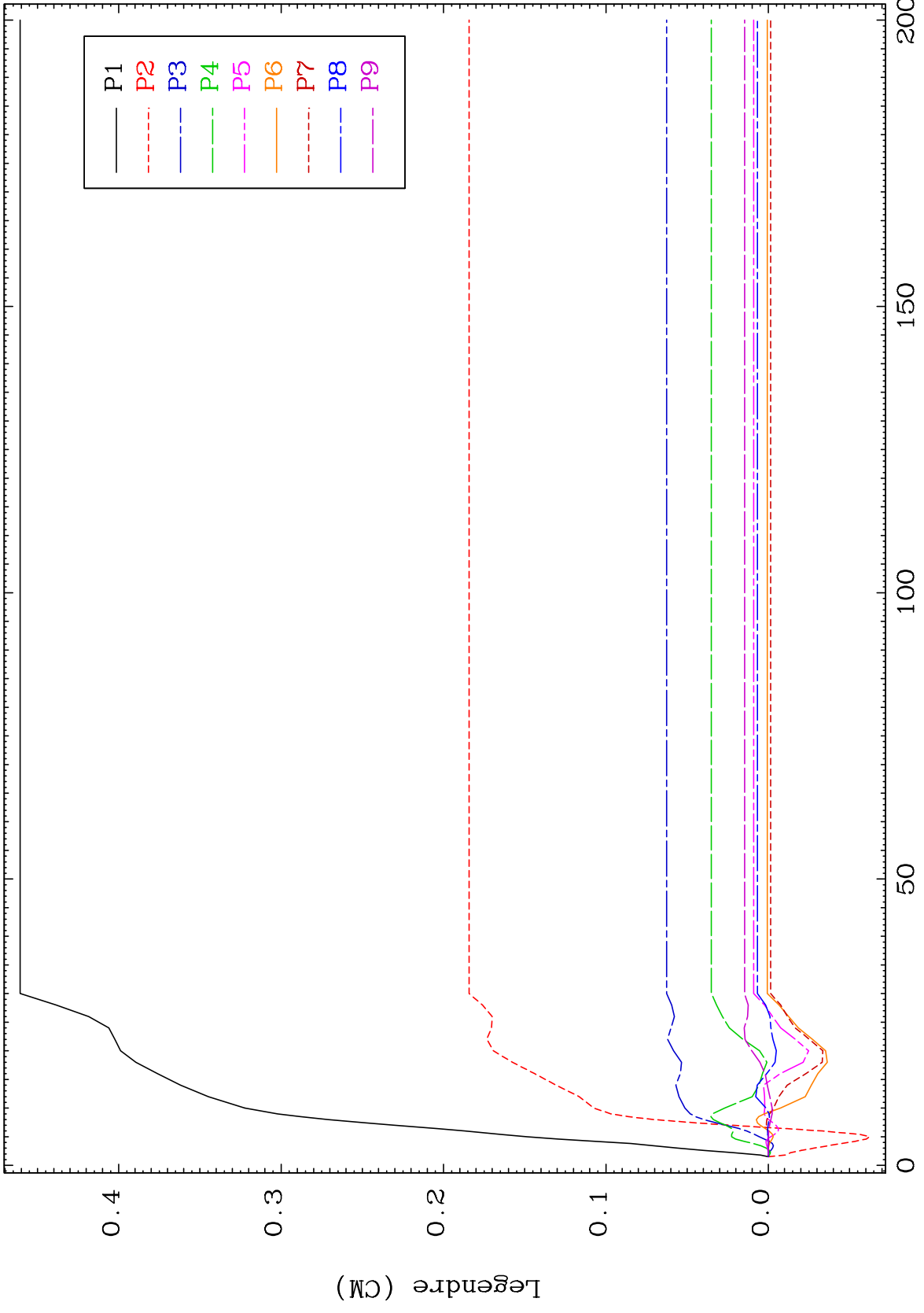
34

52-Te-114

MAT 5207

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

52-Te-114



35

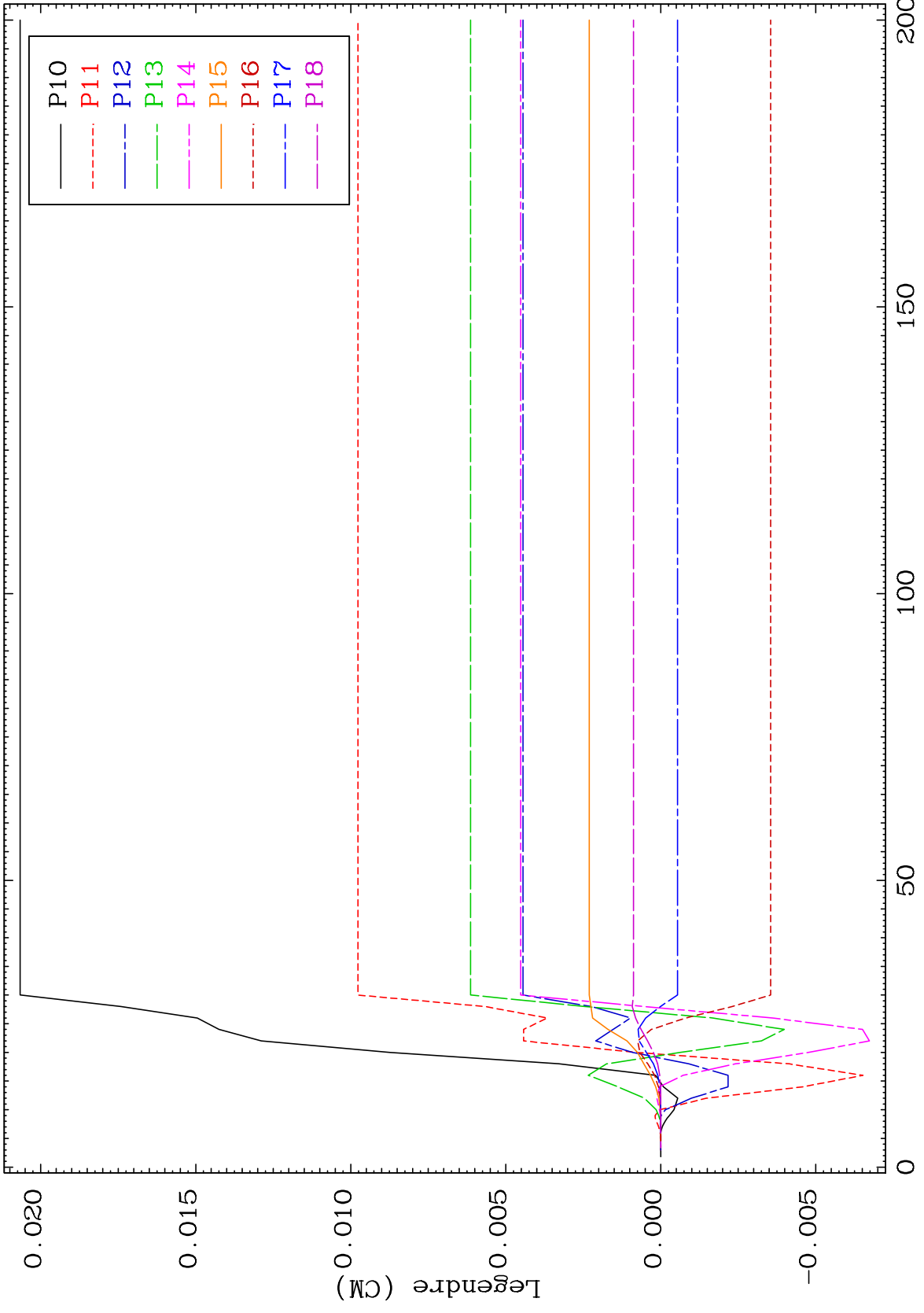
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



36

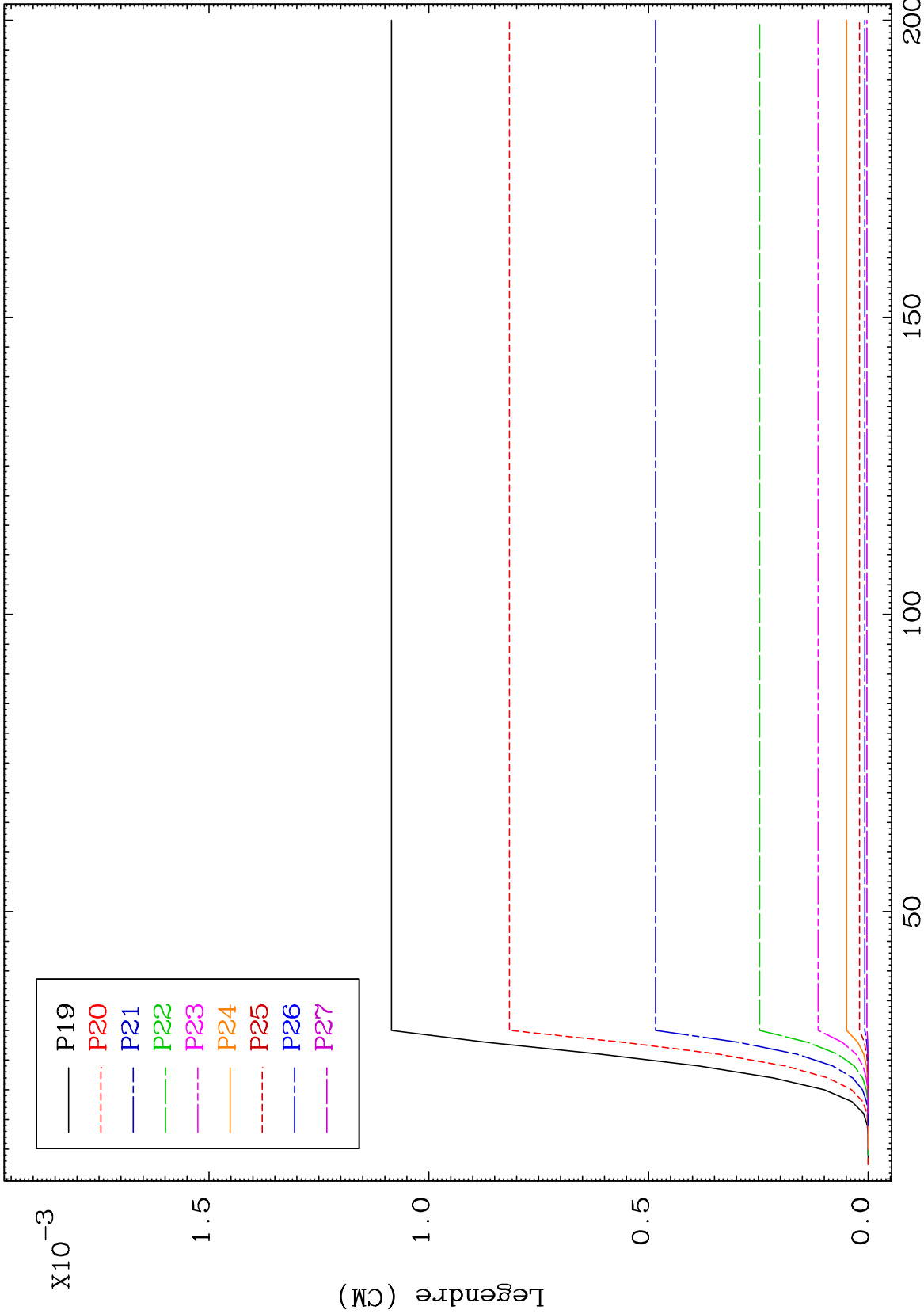
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



37

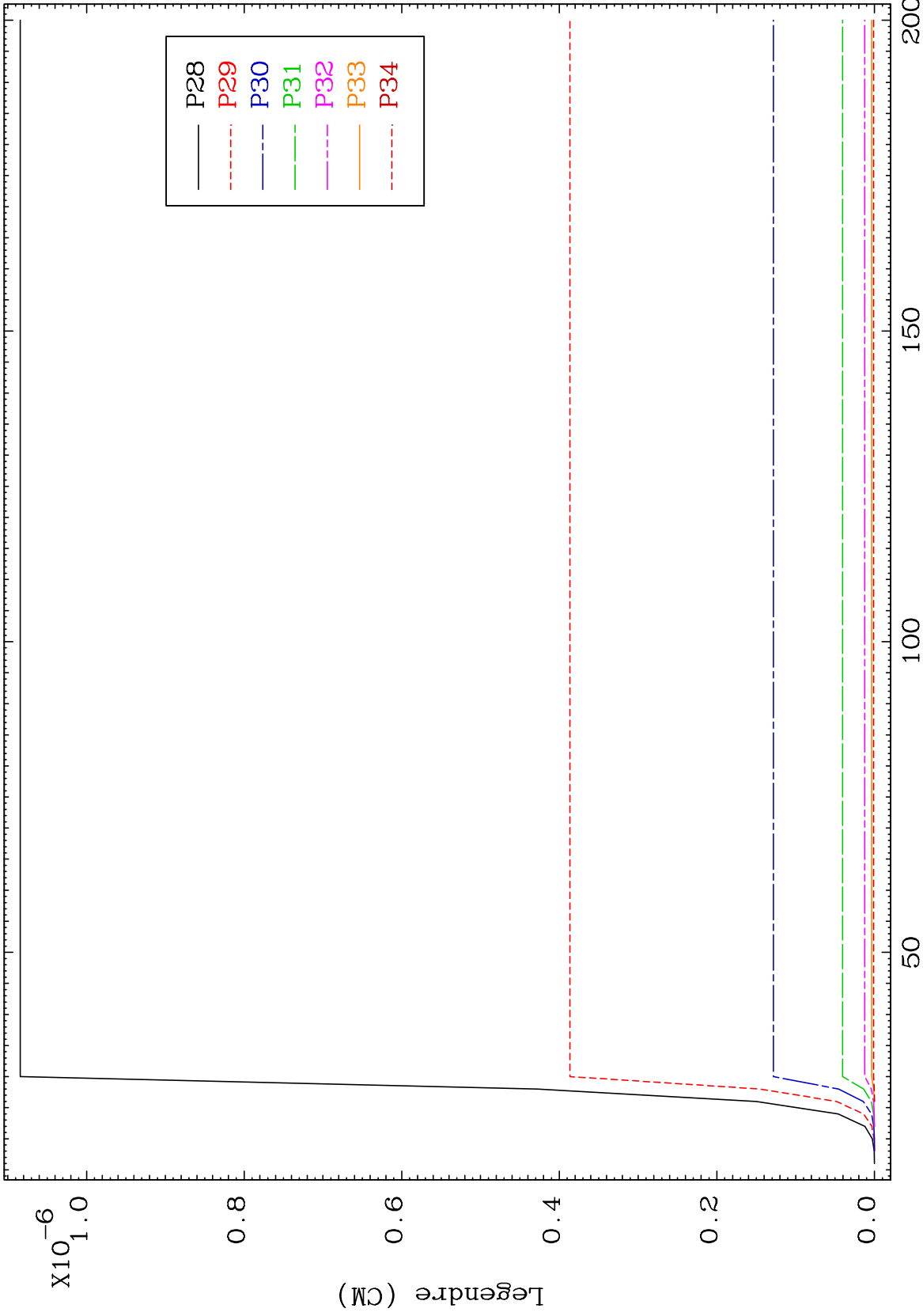
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114

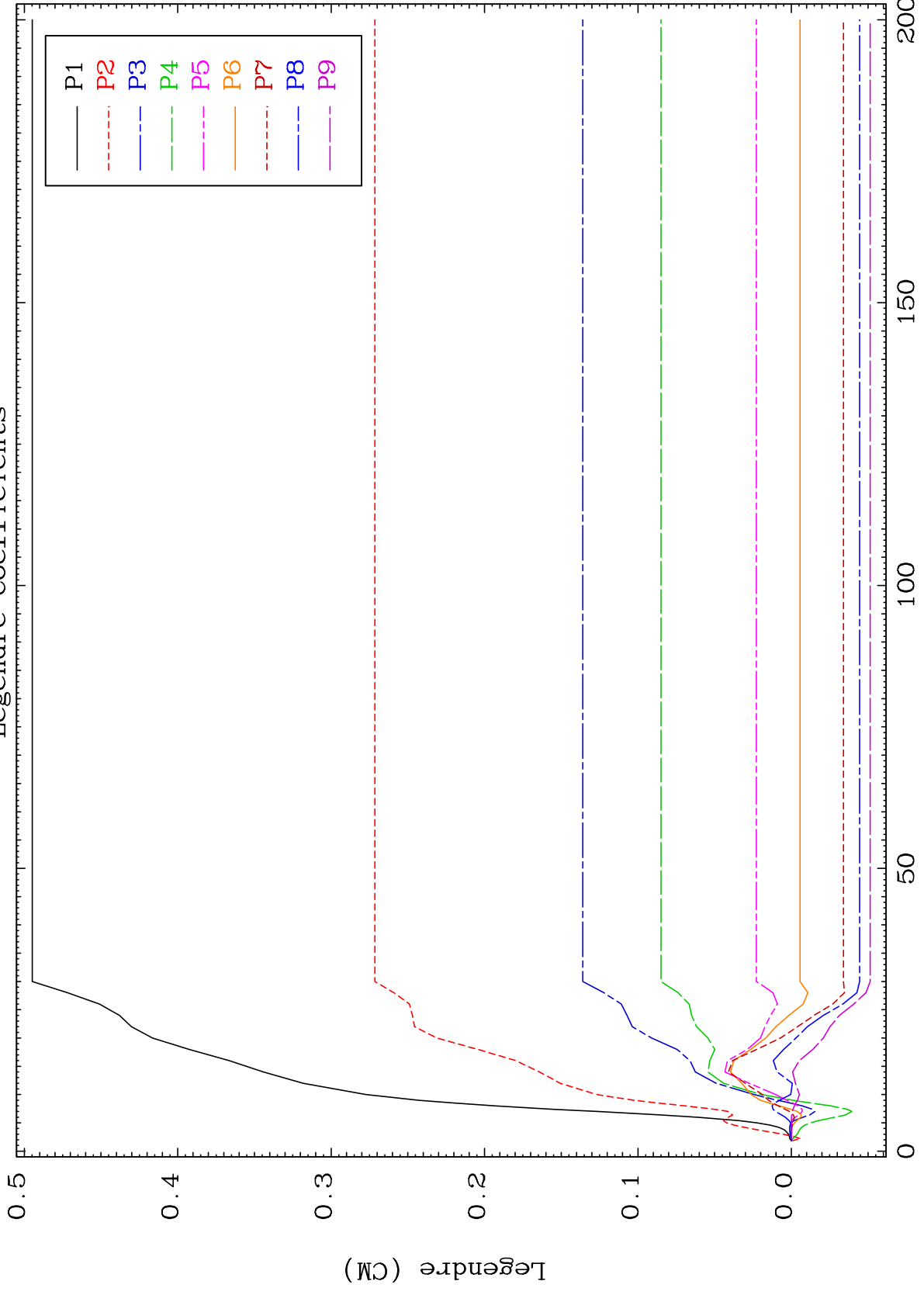


38

Incident Energy (MeV)

52-Te-114

MAT 5207 MT= 56 (n,n') Level Legendre Coefficients 52-Te-114

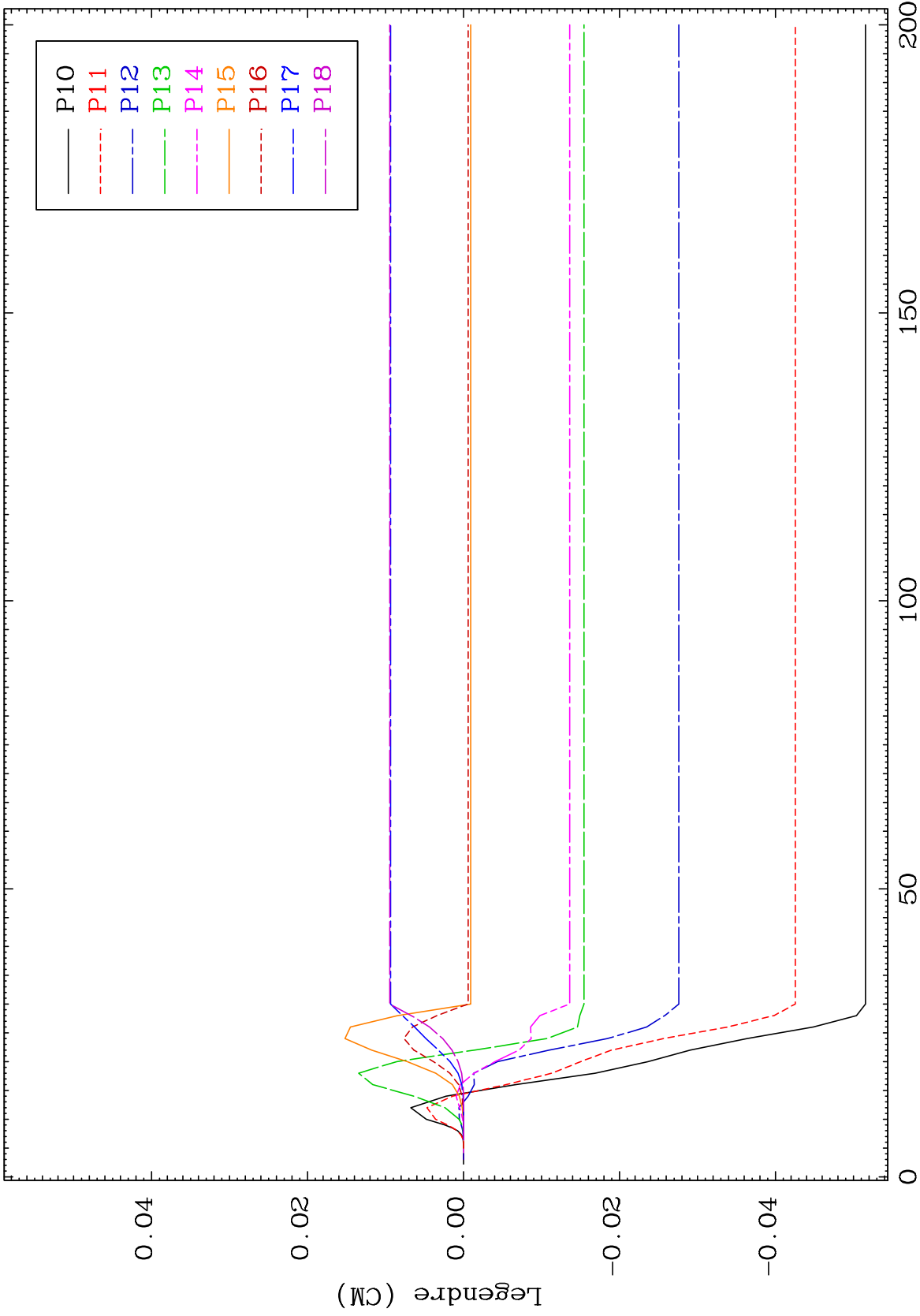


39 52-Te-114

MAT 5207

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

52-Te-114



40

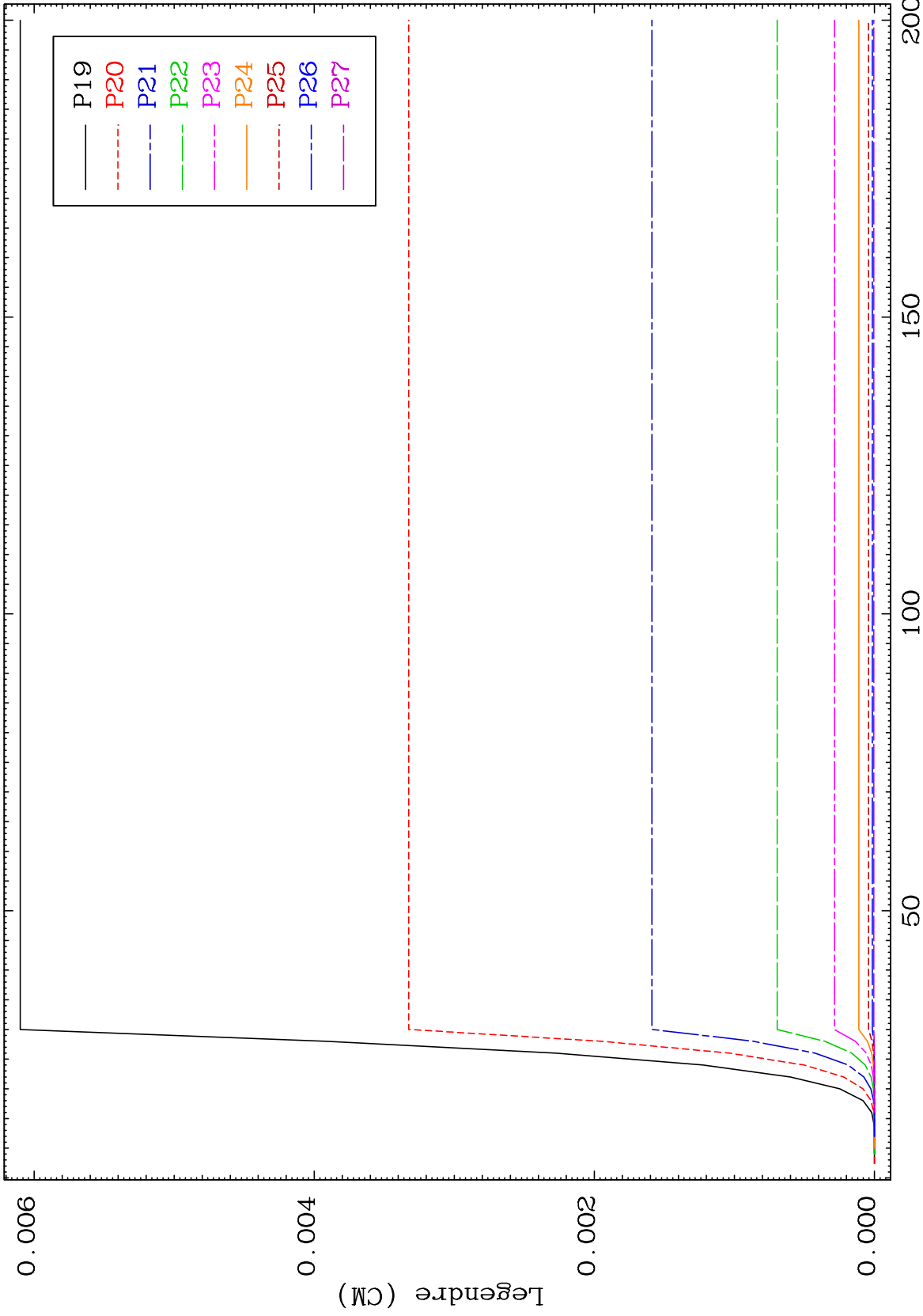
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



41

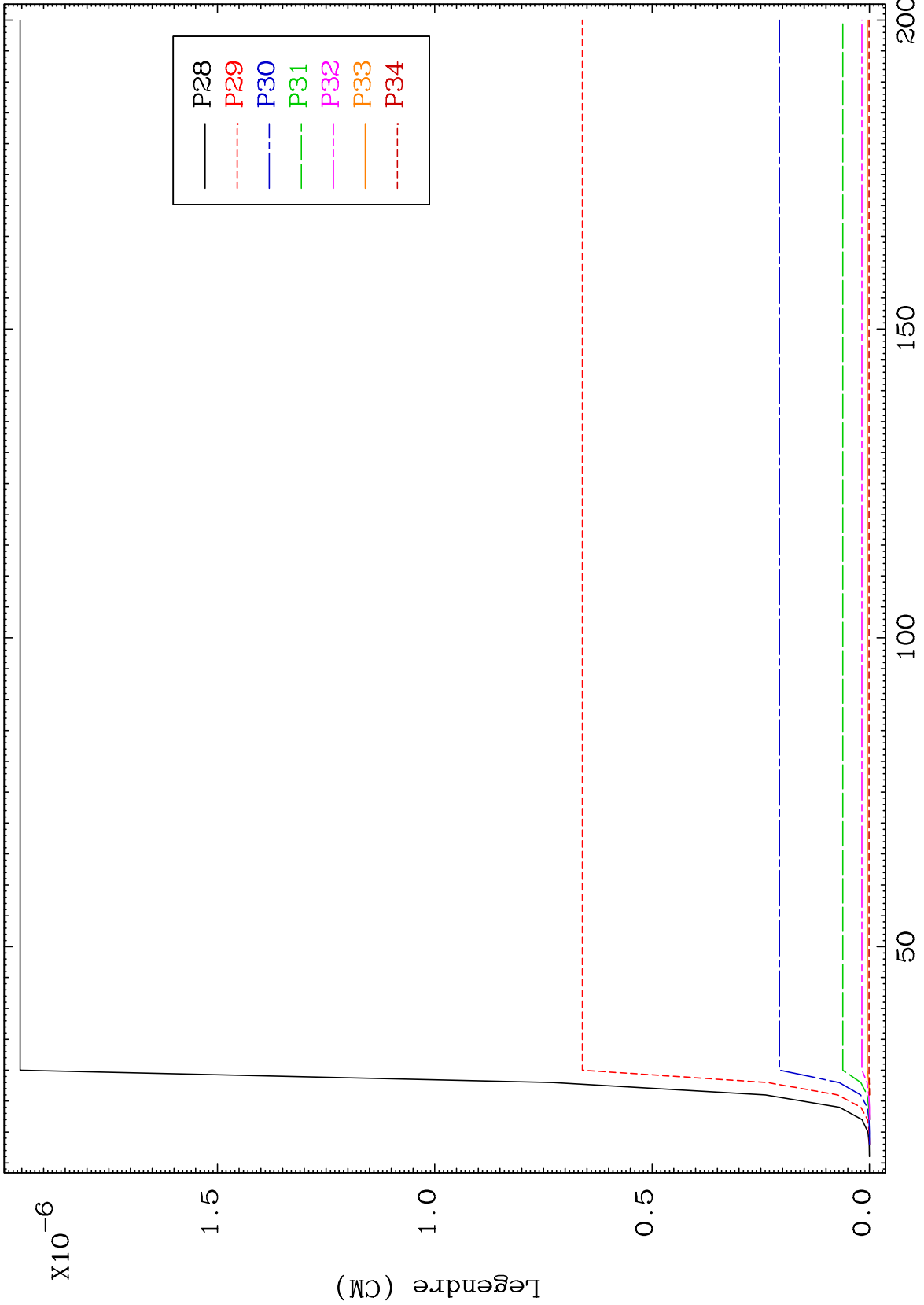
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114

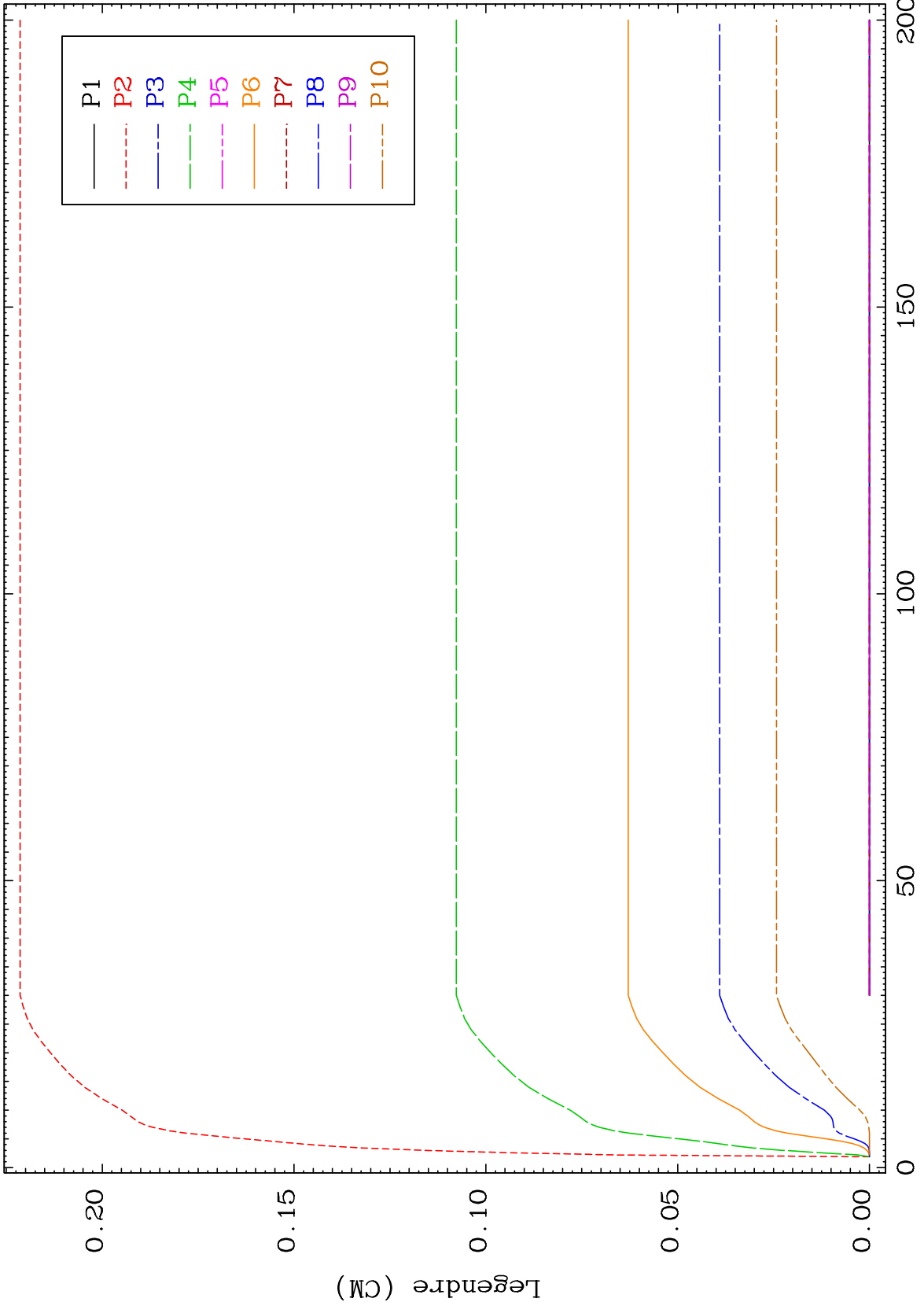


42

Incident Energy (MeV)

52-Te-114

MAT 5207 MT= 57 (n,n') Level Legendre Coefficients 52-Te-114

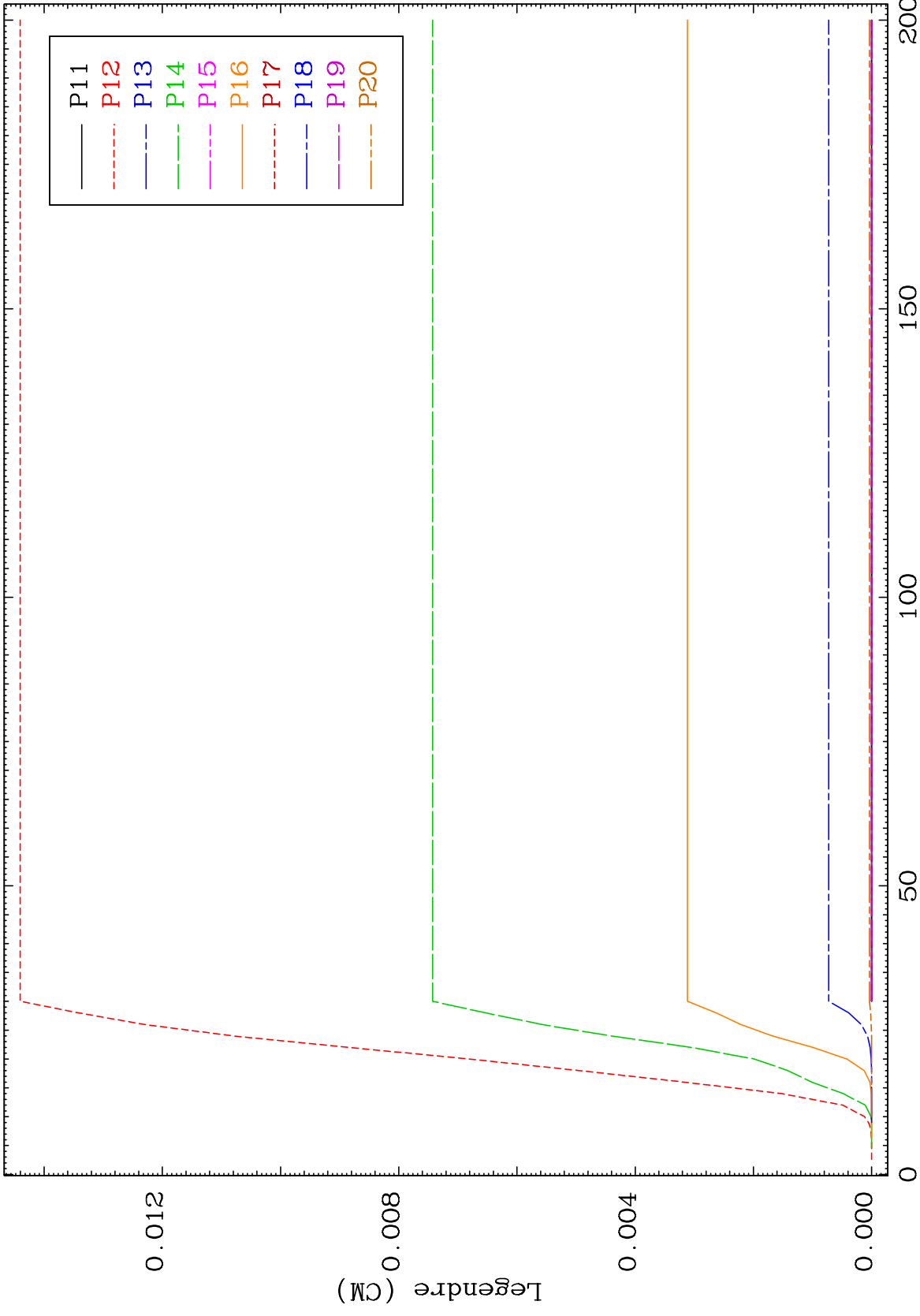


43 52-Te-114

MAT 5207

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

52-Te-114

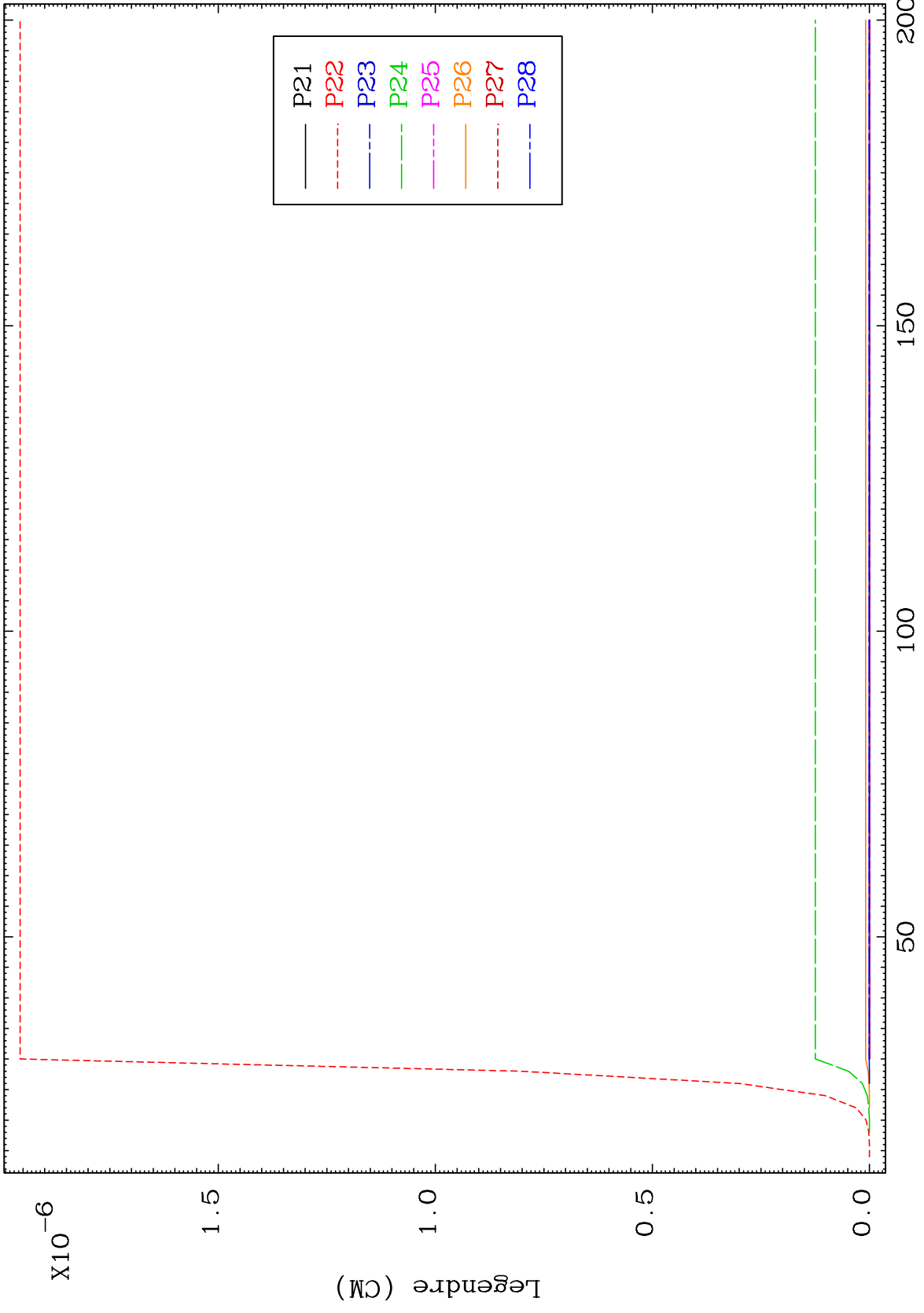


44

Incident Energy (MeV)

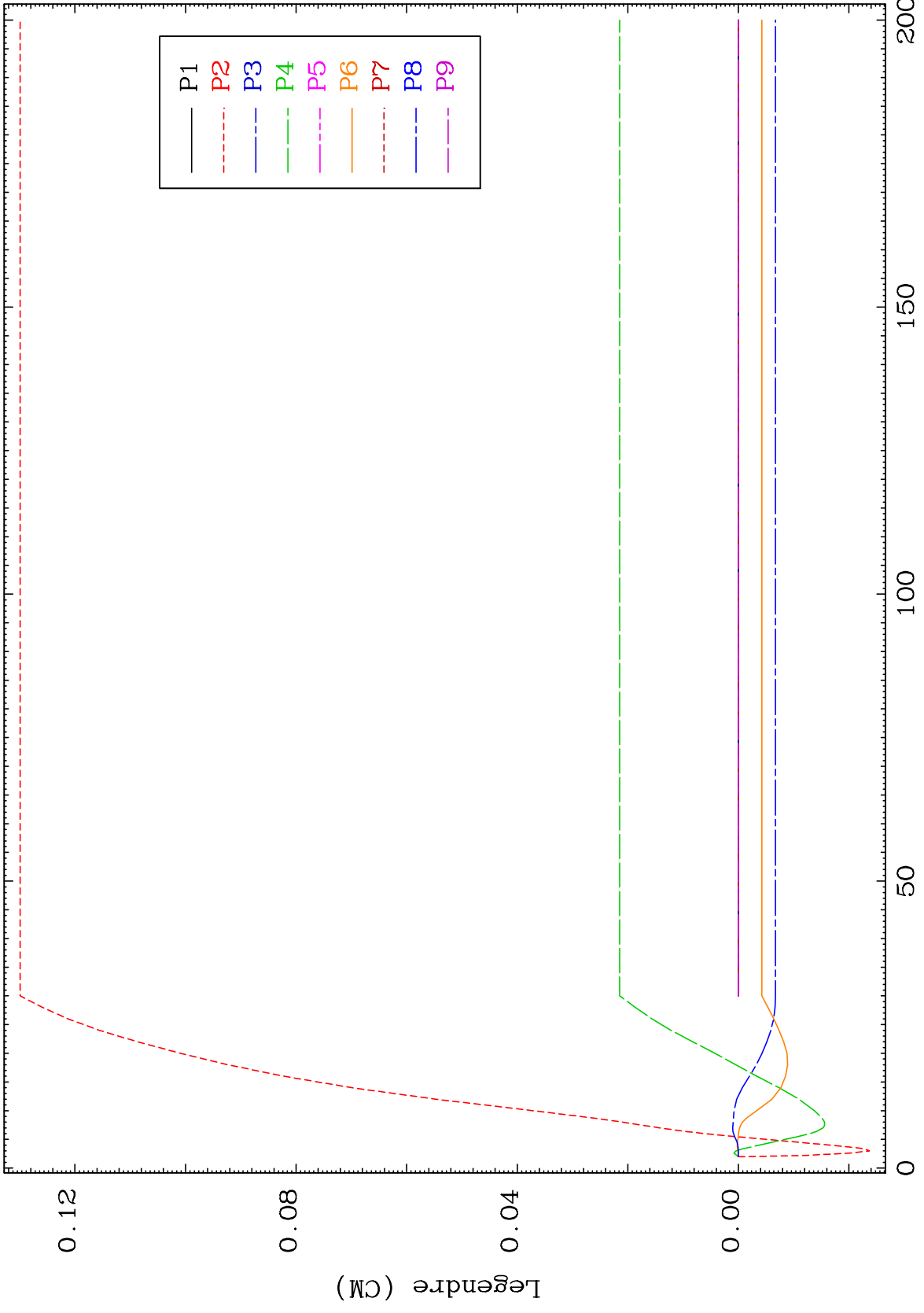
52-Te-114

MAT 5207 MT= 57 (n,n') Level Legendre Coefficients 52-Te-114



45 Incident Energy (MeV) 52-Te-114

MAT 5207 MT= 58 (n,n') Level Legendre Coefficients 52-Te-114

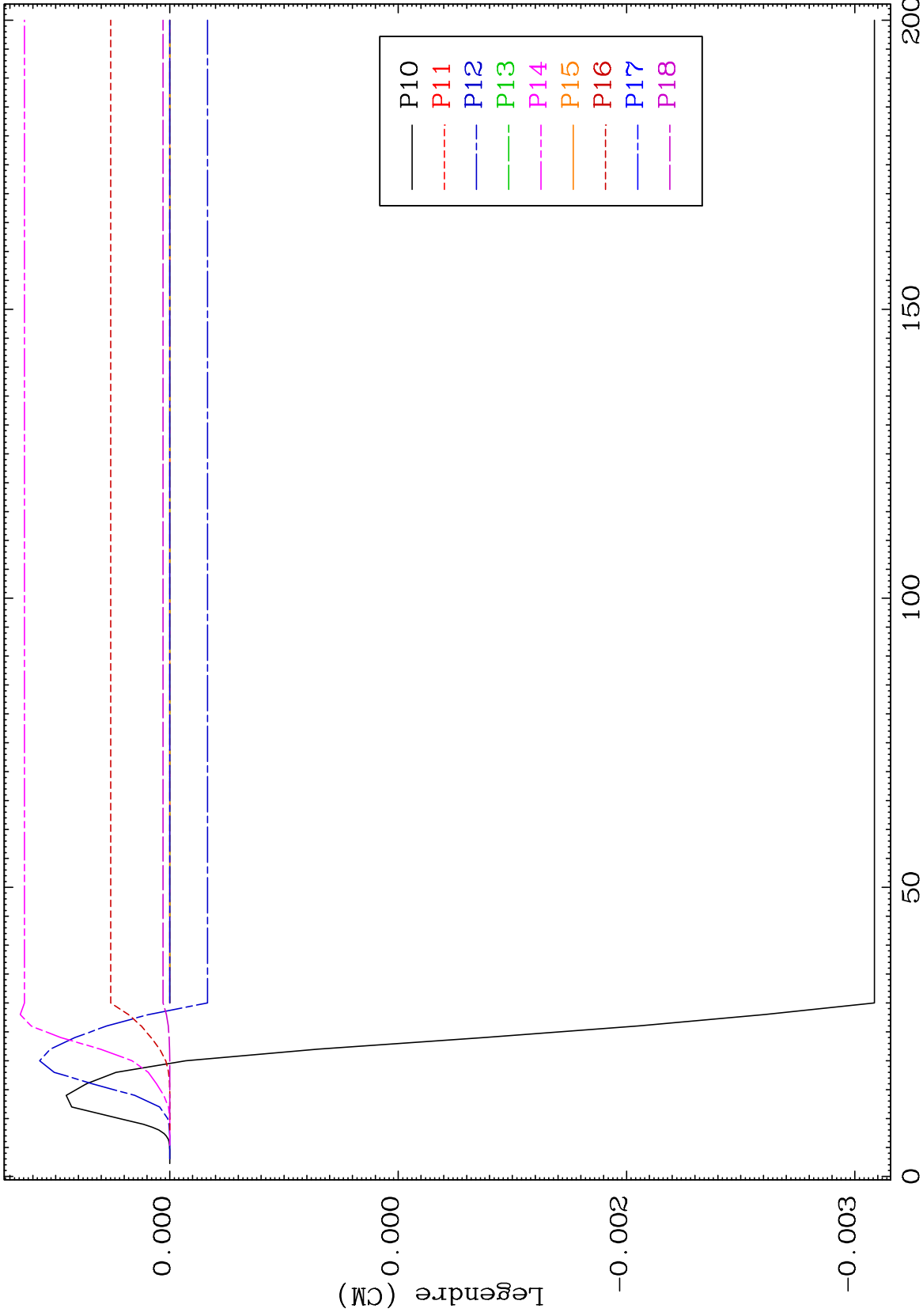


46 52-Te-114

MAT 5207

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

52-Te-114



47

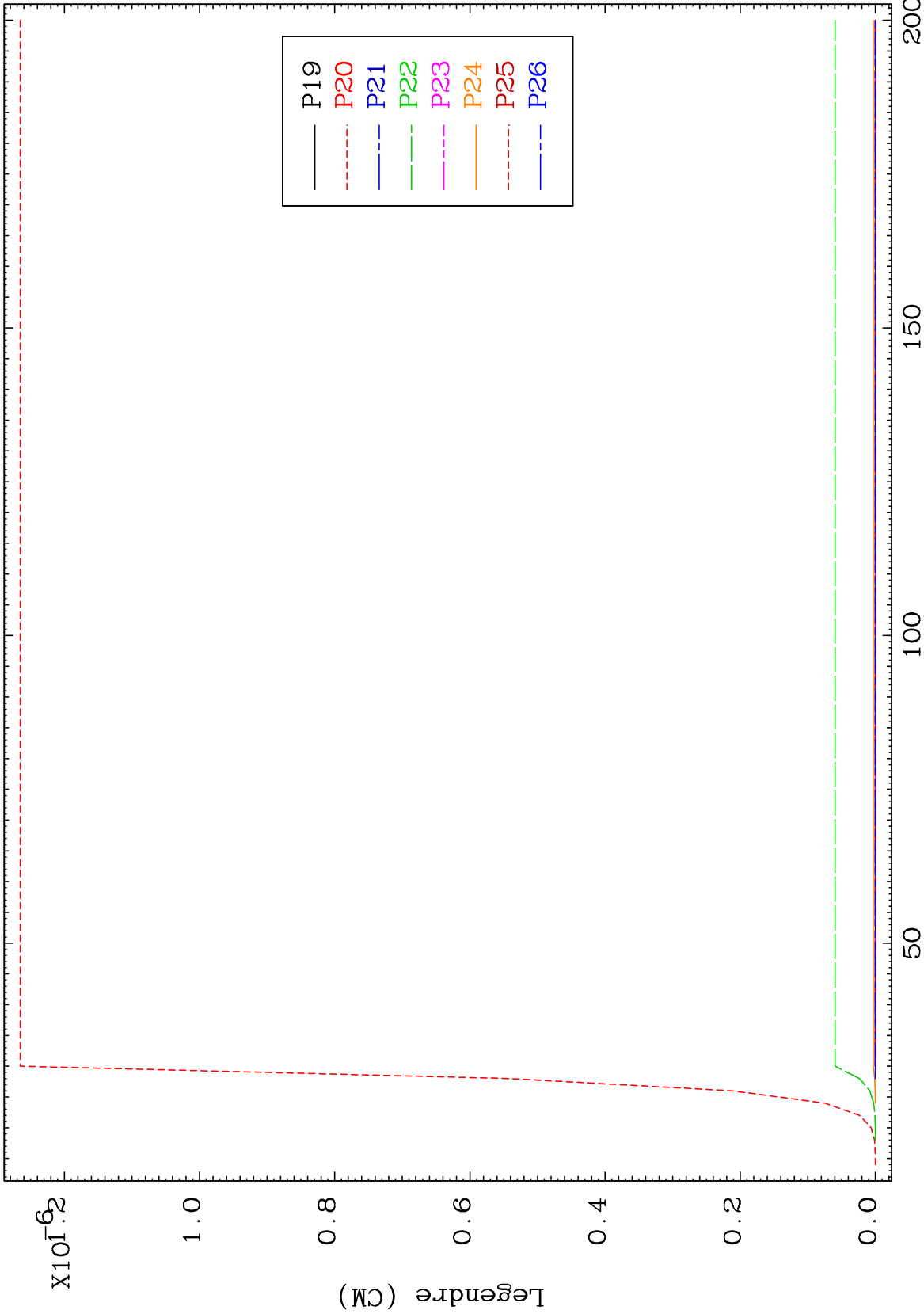
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114

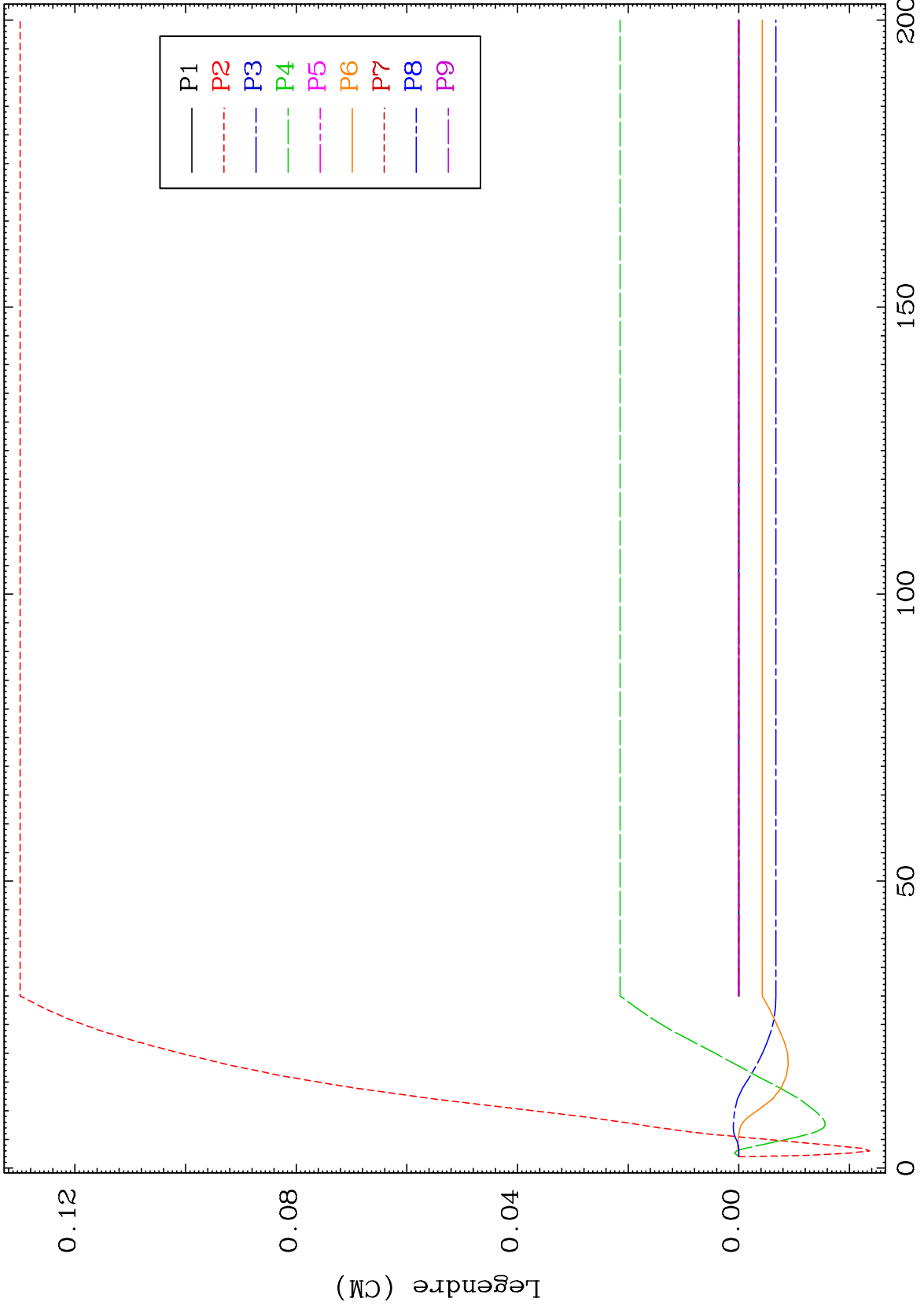


48

Incident Energy (MeV)

52-Te-114

MAT 5207 MT= 59 (n,n') Level Legendre Coefficients 52-Te-114

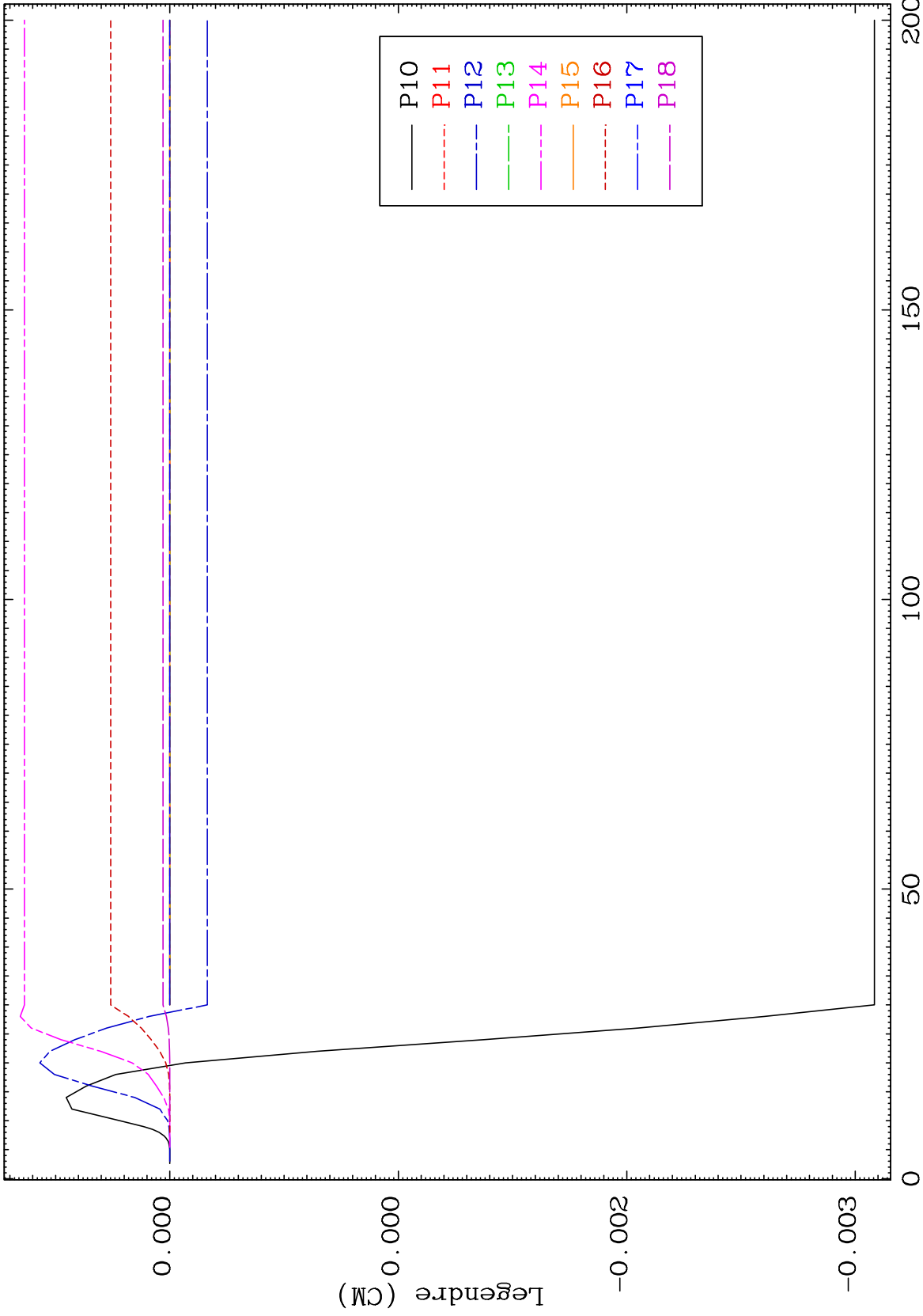


49 52-Te-114

MAT 5207

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

52-Te-114



50

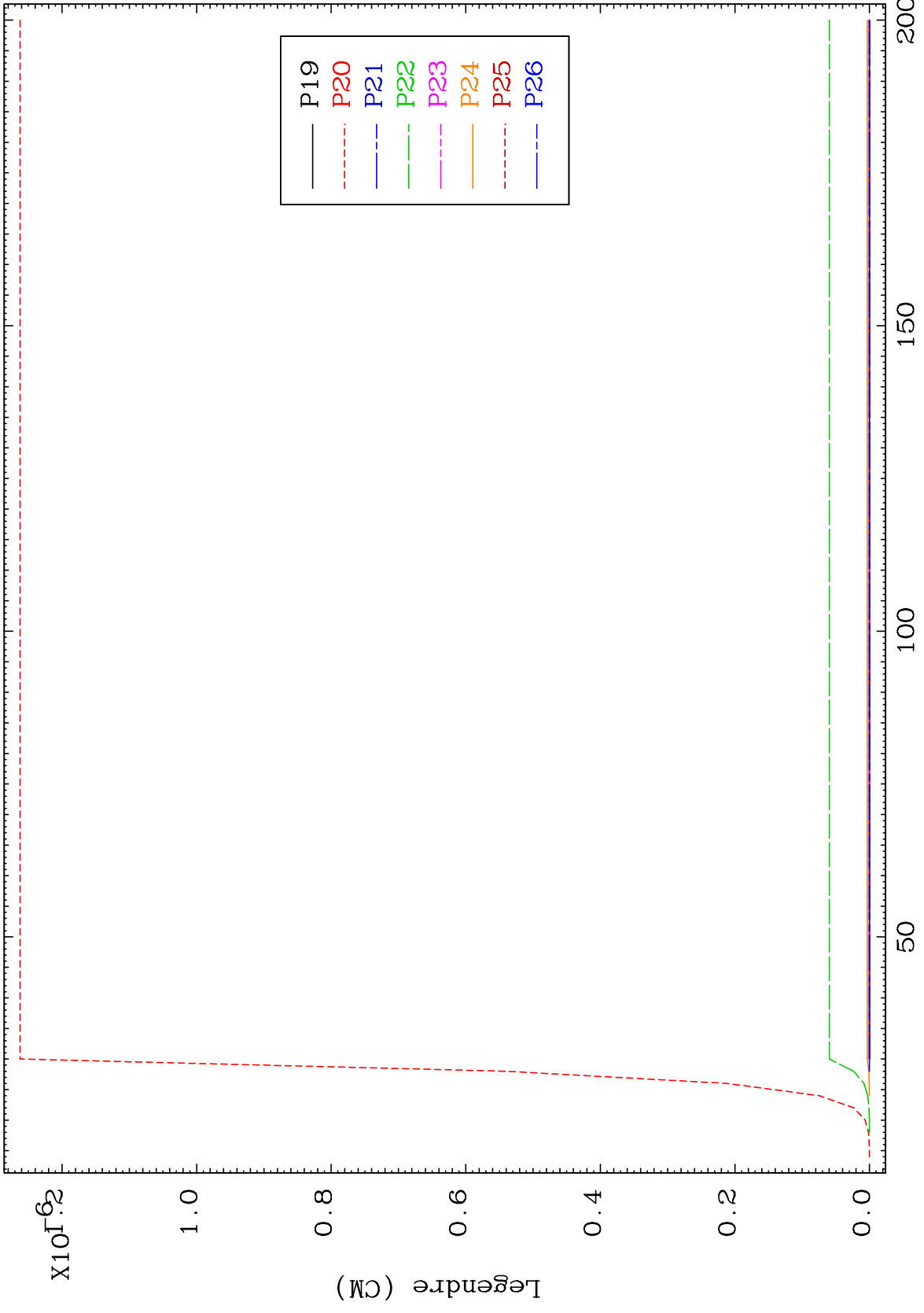
Incident Energy (MeV)

100

200

52-Te-114

MAT 5207 MT= 59 (n,n') Level Legendre Coefficients 52-Te-114

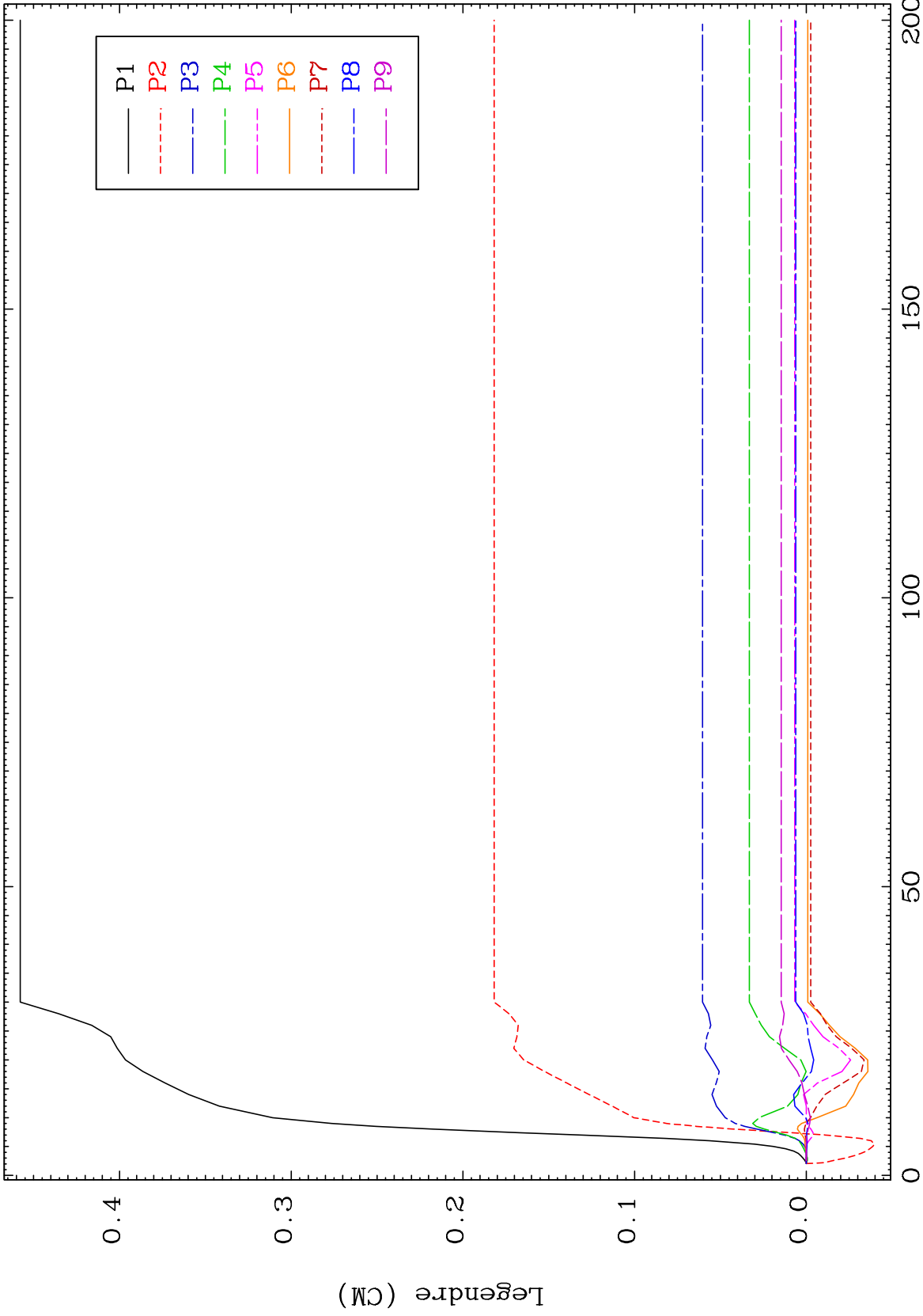


51 52-Te-114

MAT 5207

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

52-Te-114



52

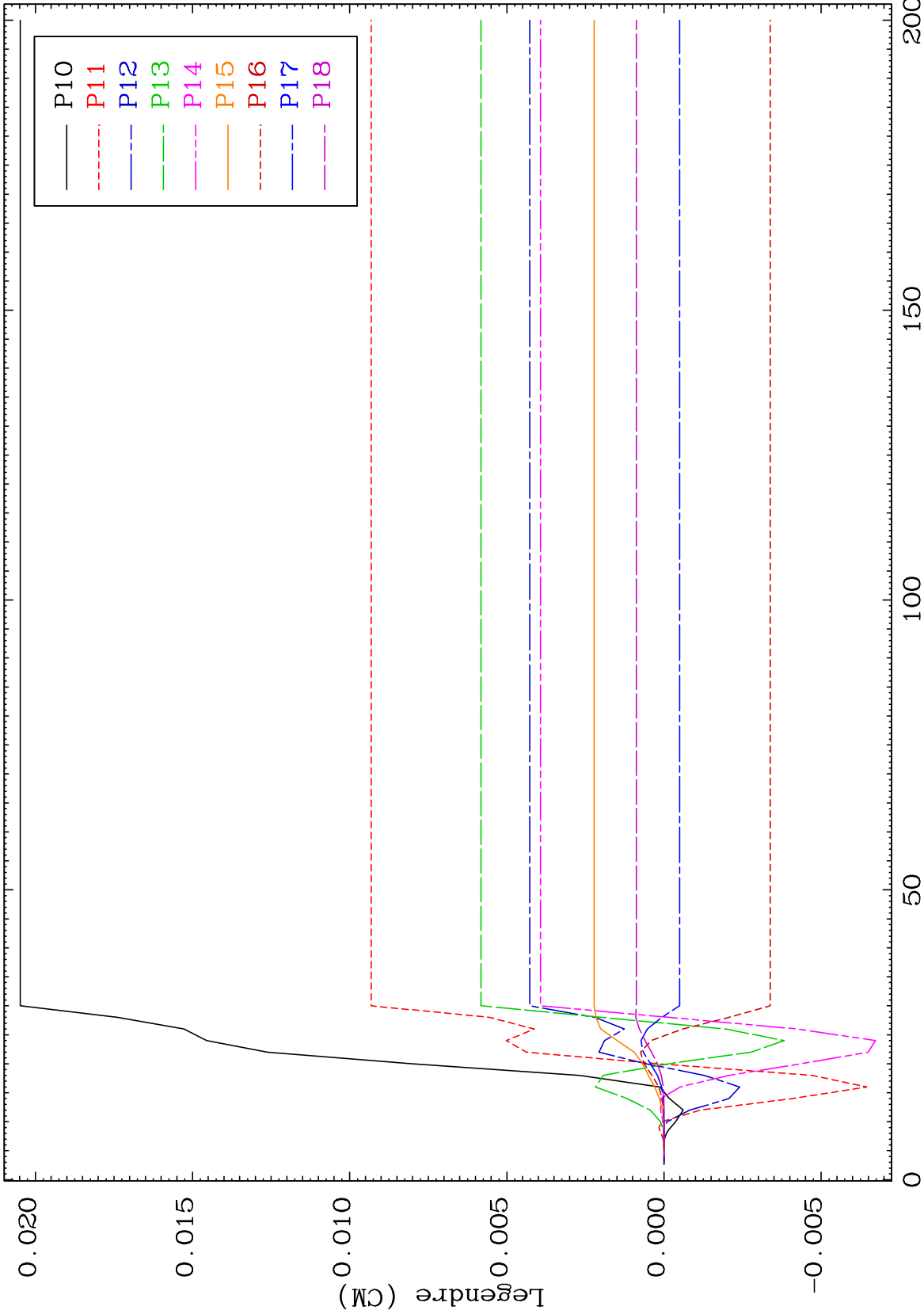
Incident Energy (MeV)

52-Te-114

MAT 5207

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

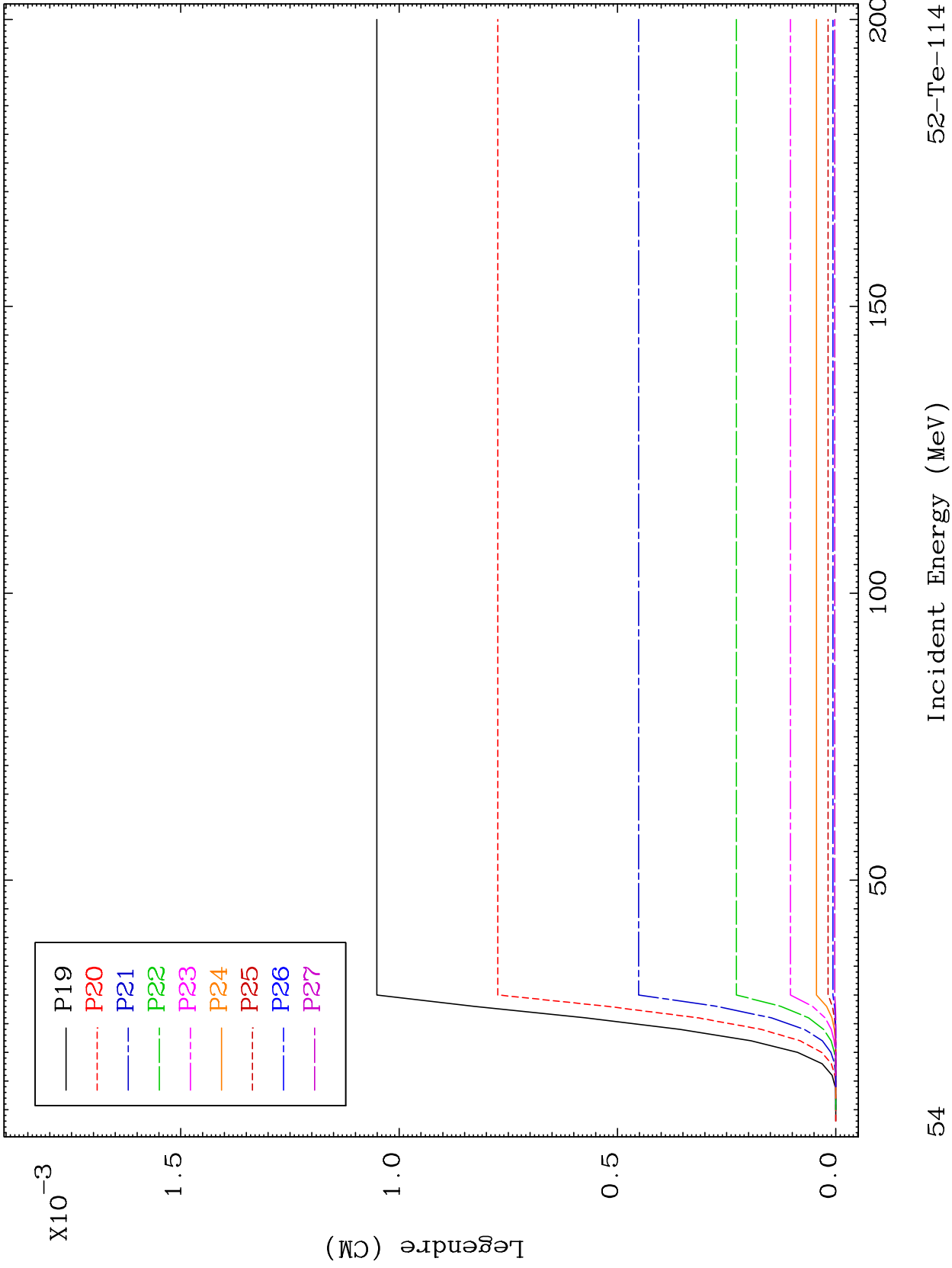
52-Te-114



53

Incident Energy (MeV)

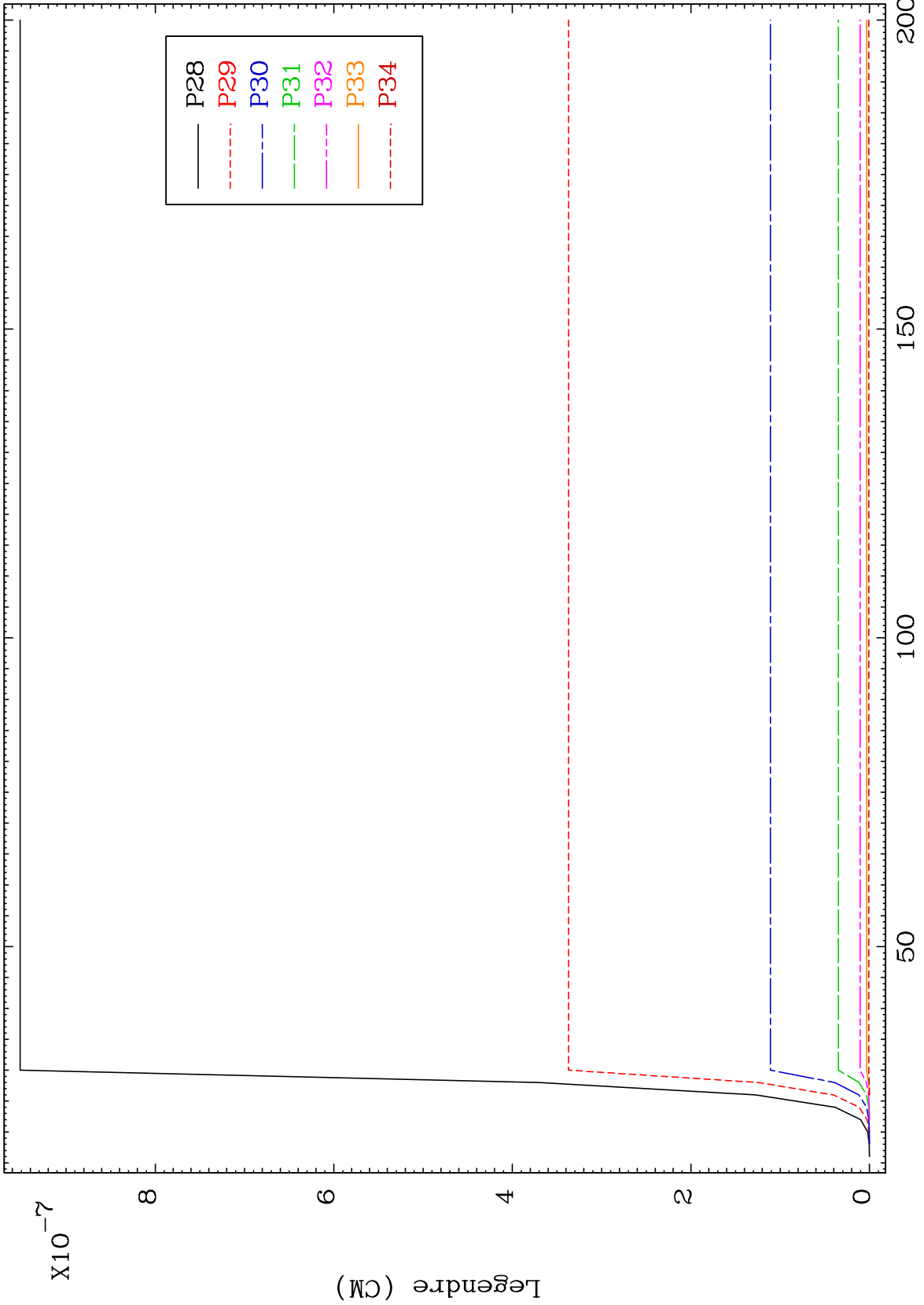
52-Te-114



MAT 5207

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

52-Te-114



55

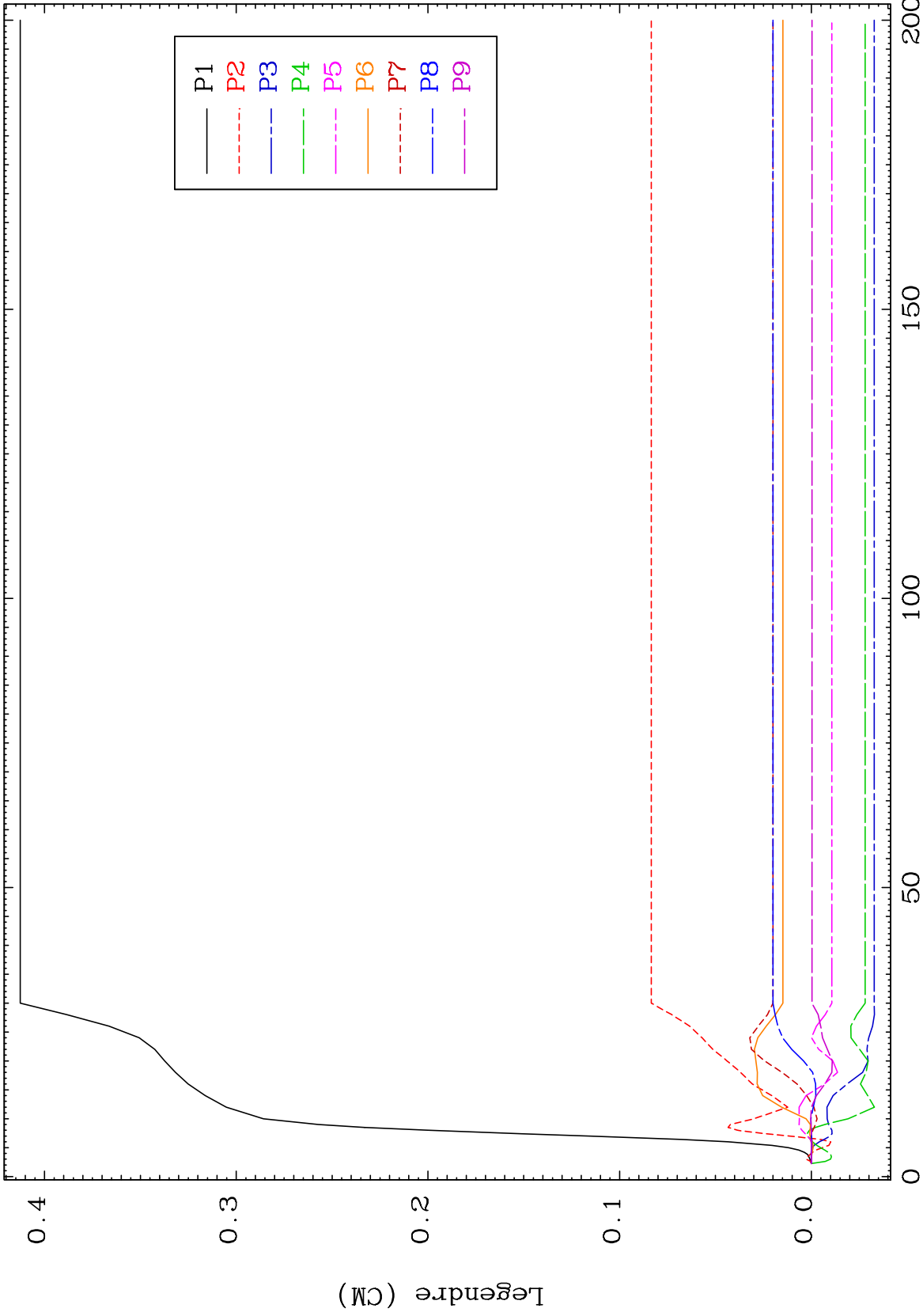
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



56

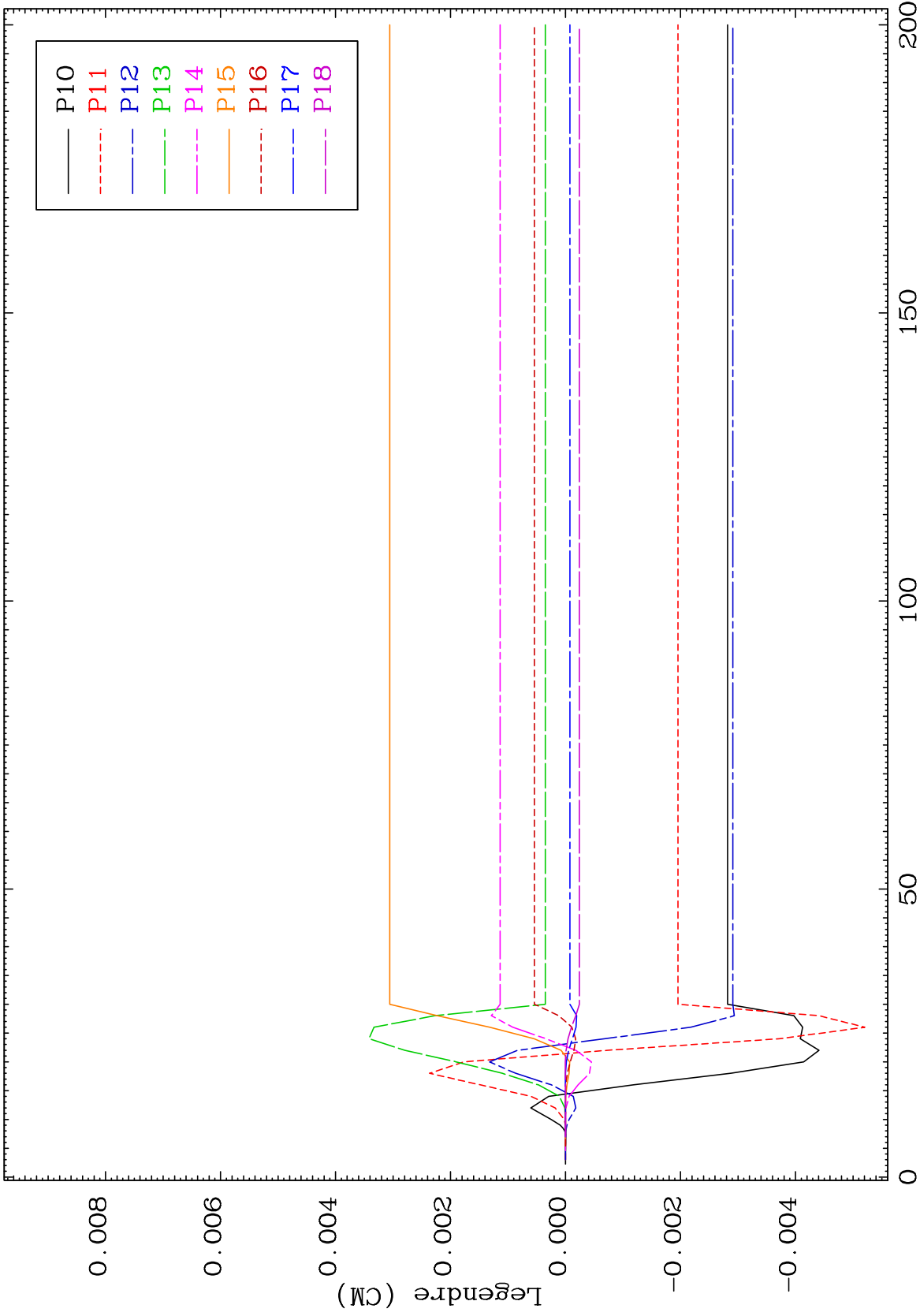
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



57

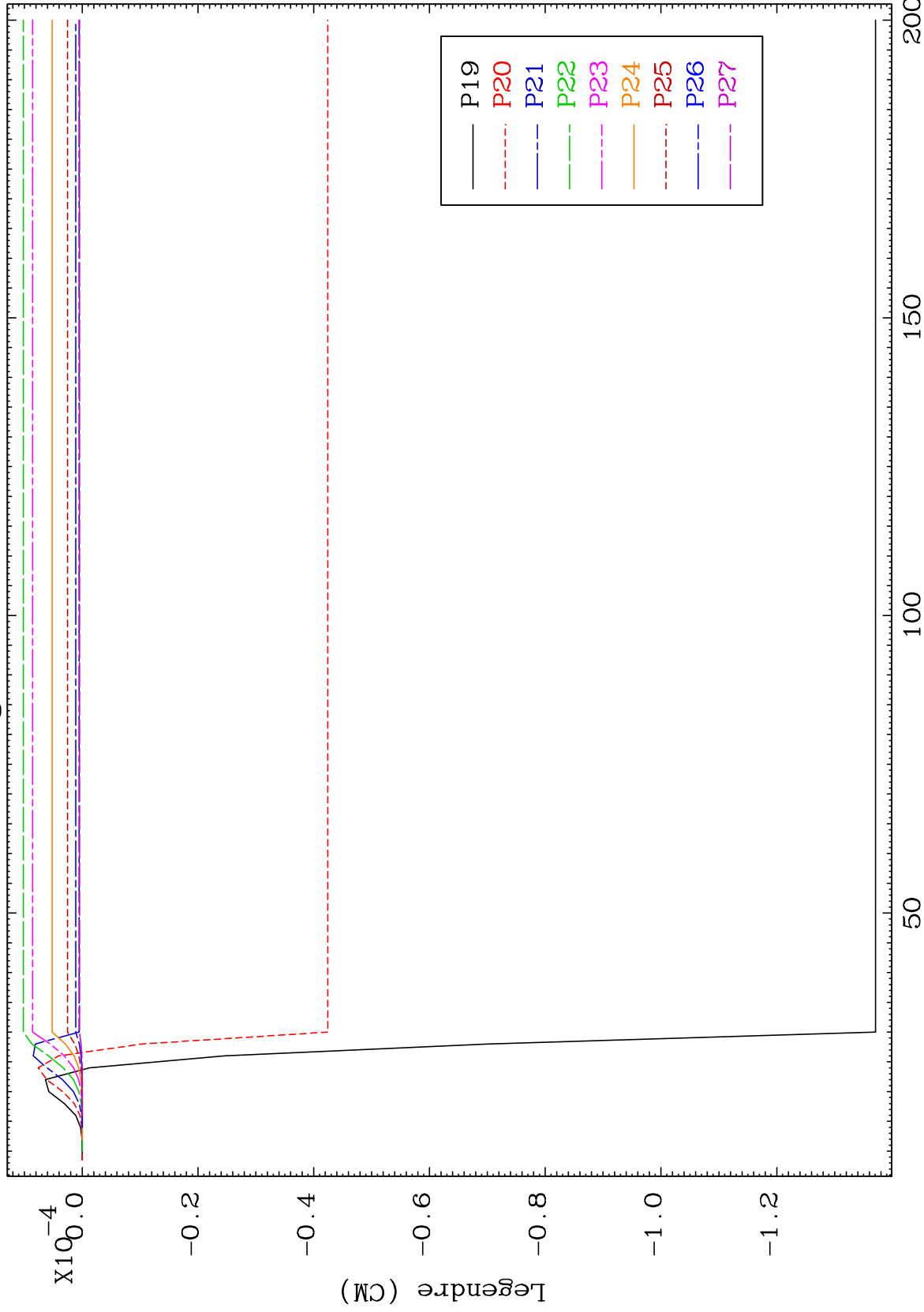
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



58

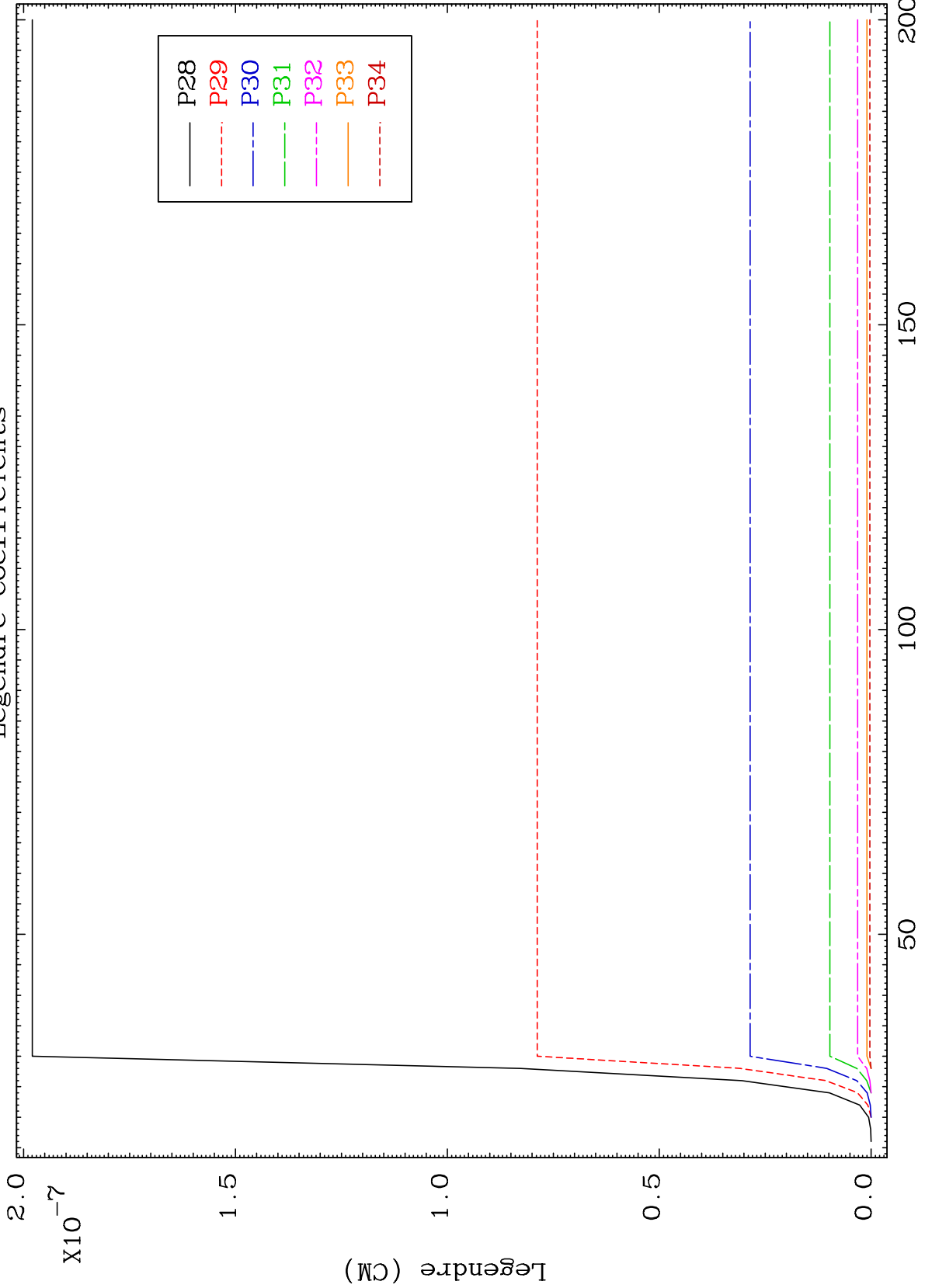
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



59

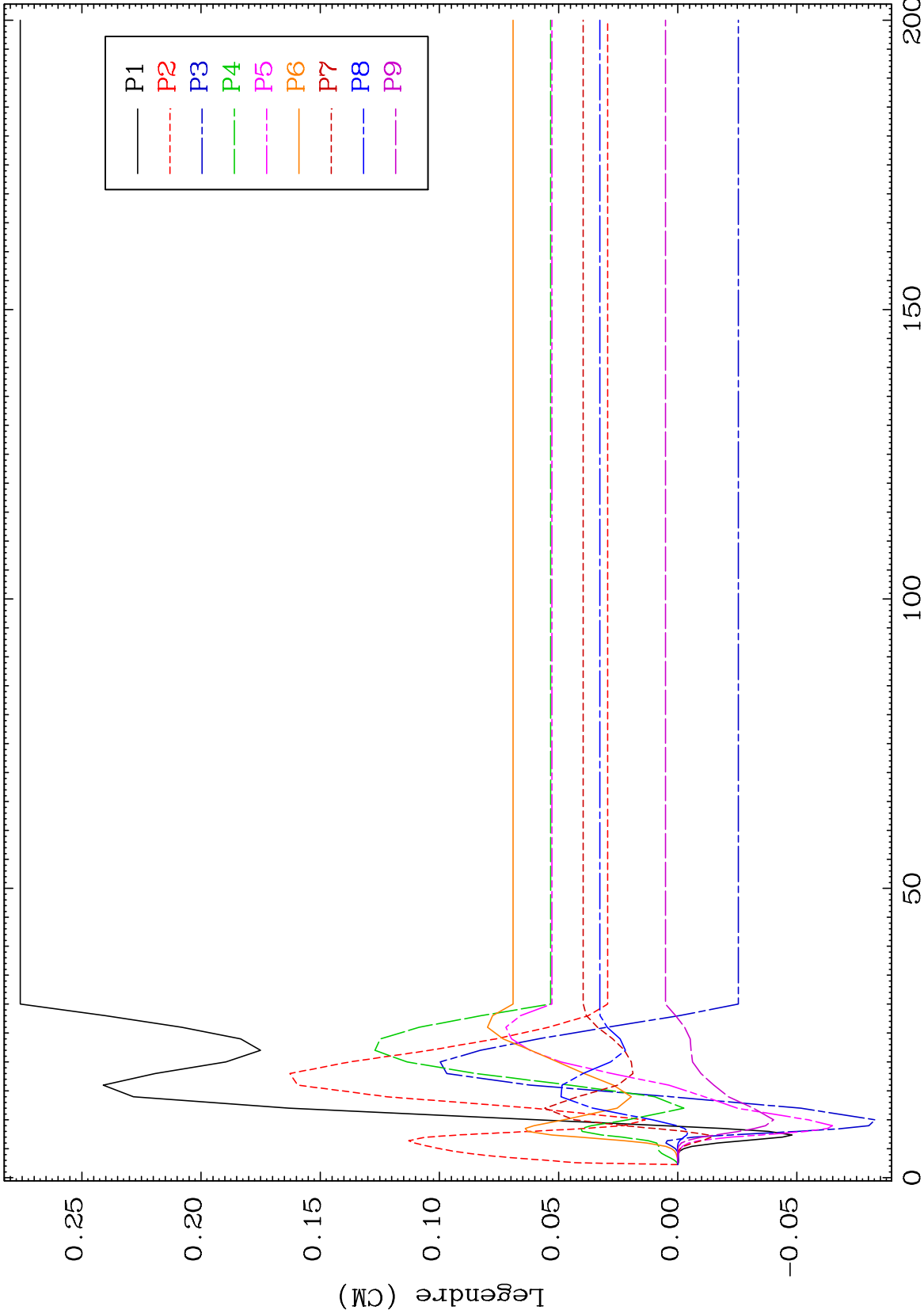
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



52-Te-114

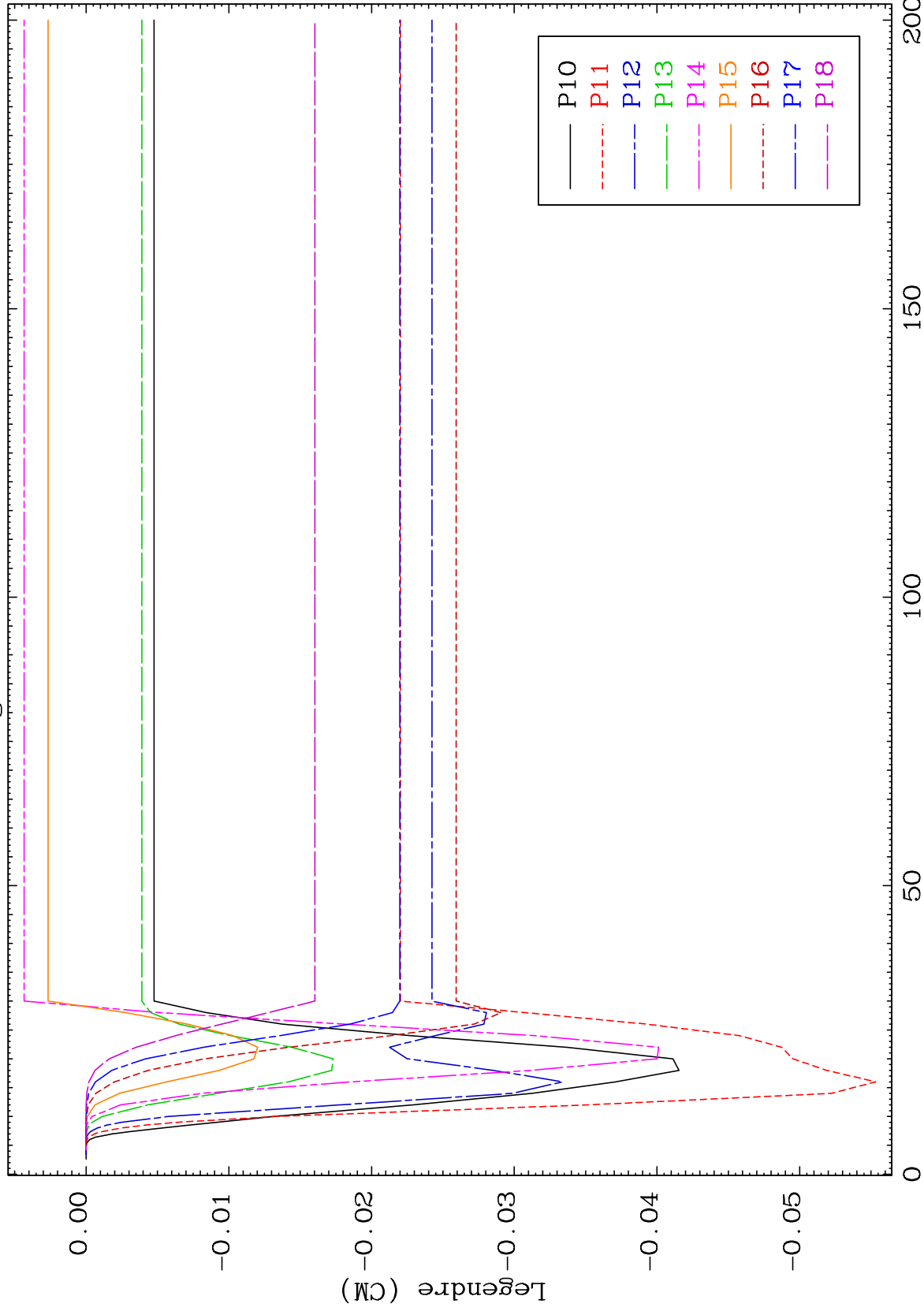
Incident Energy (MeV)

60

MAT 5207

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

52-Te-114

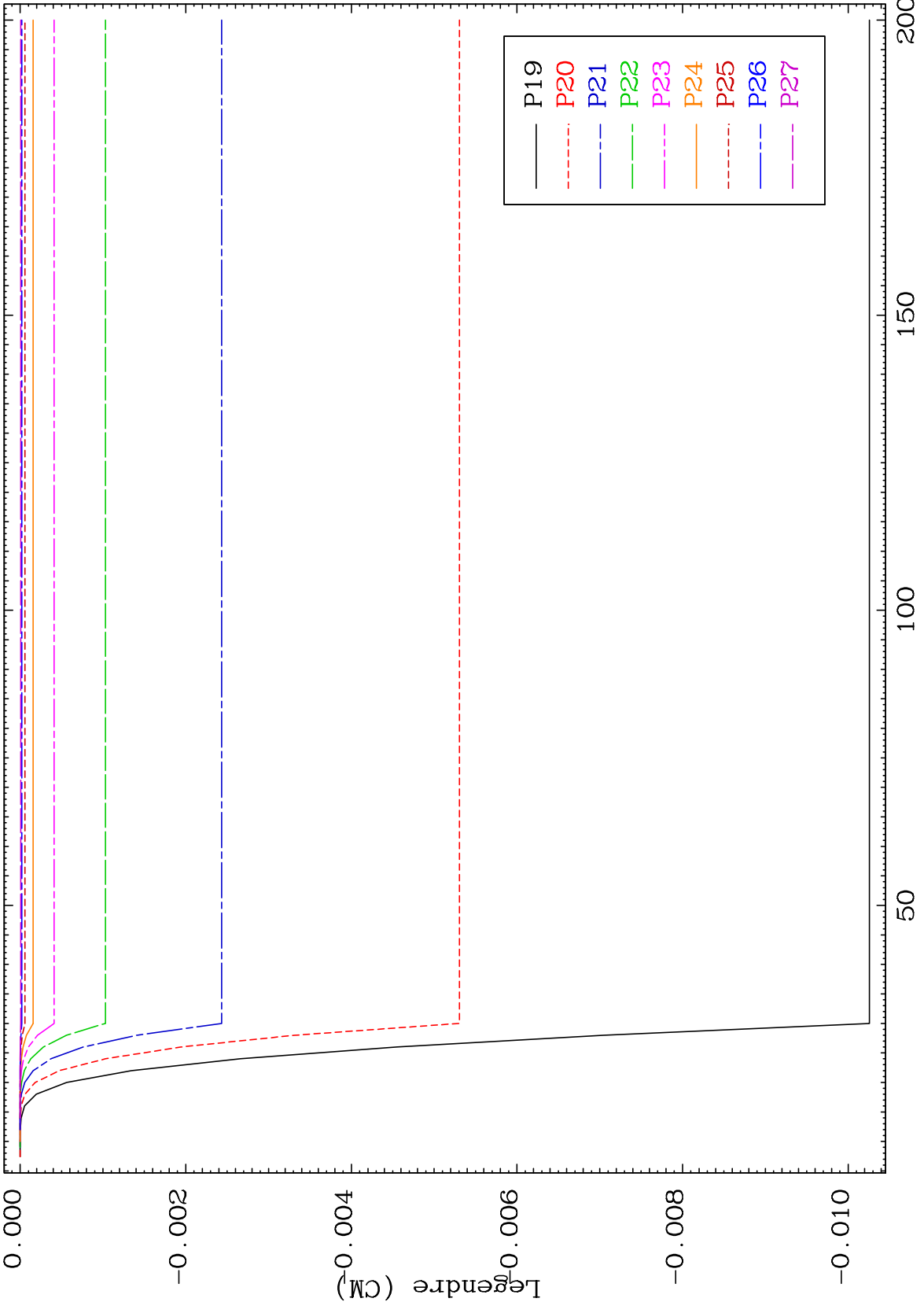


61

Incident Energy (MeV)

52-Te-114

MAT 5207 MT= 62 (n,n') Level Legendre Coefficients 52-Te-114

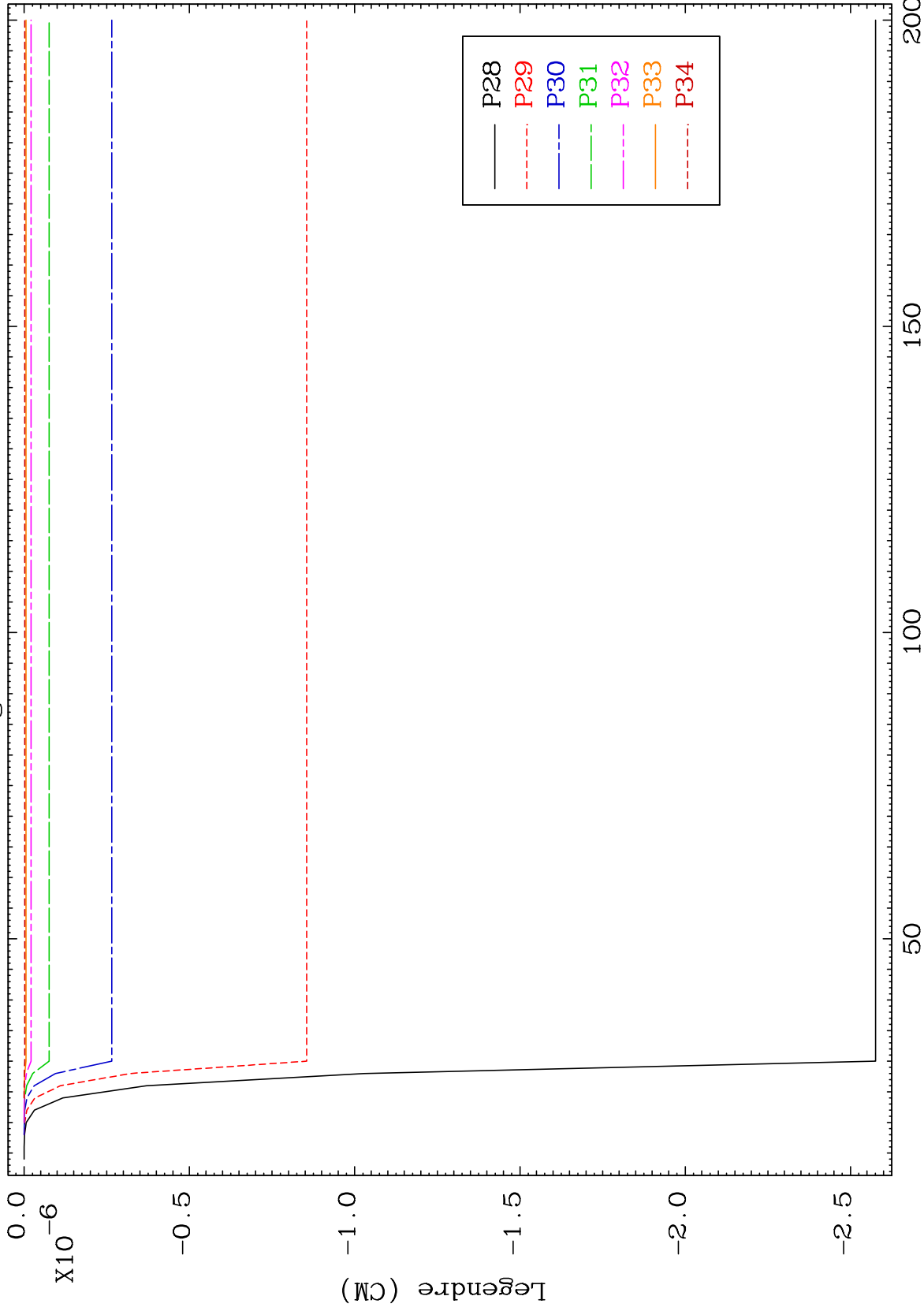


62 52-Te-114

MAT 5207

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

52-Te-114



63

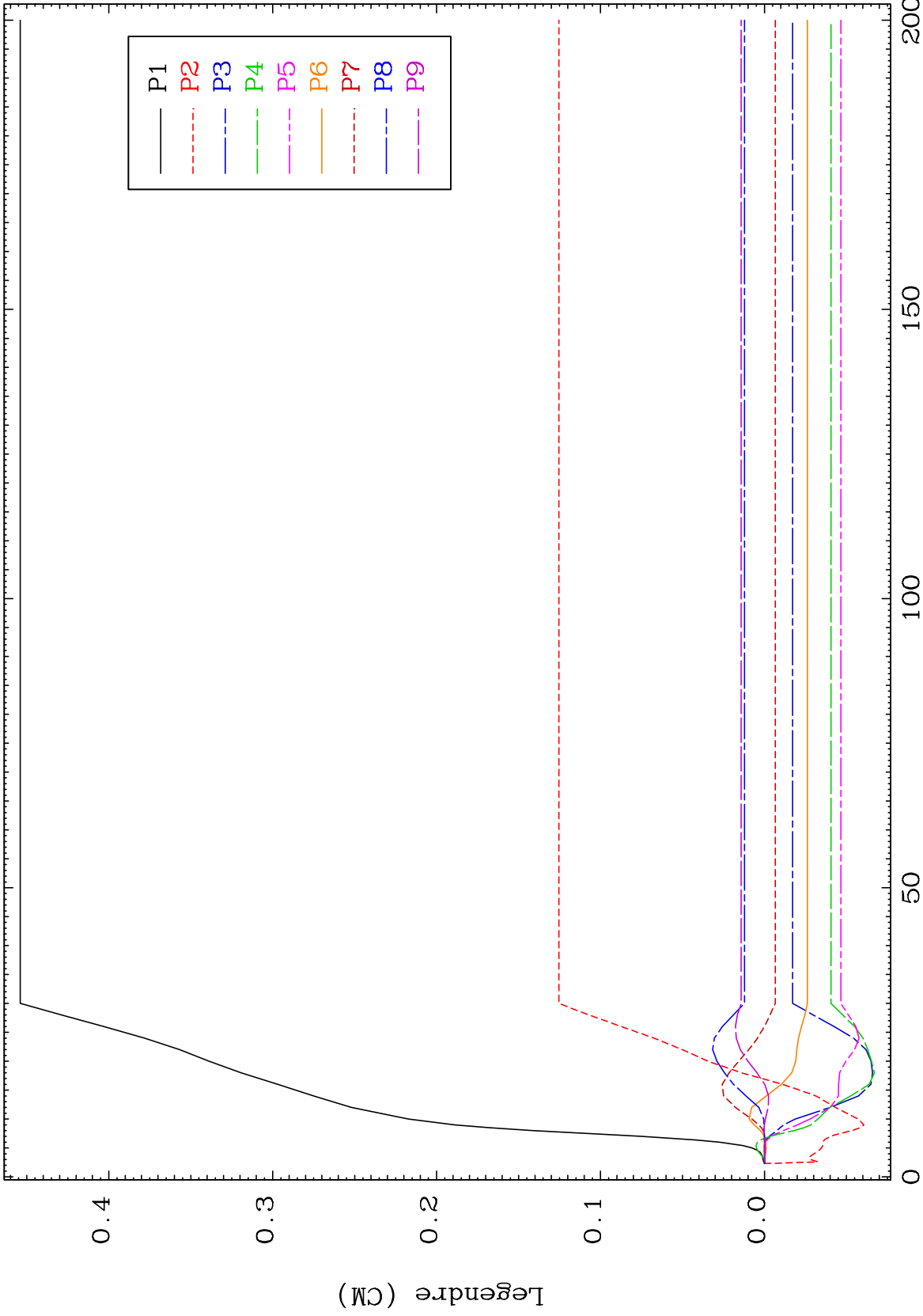
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



64

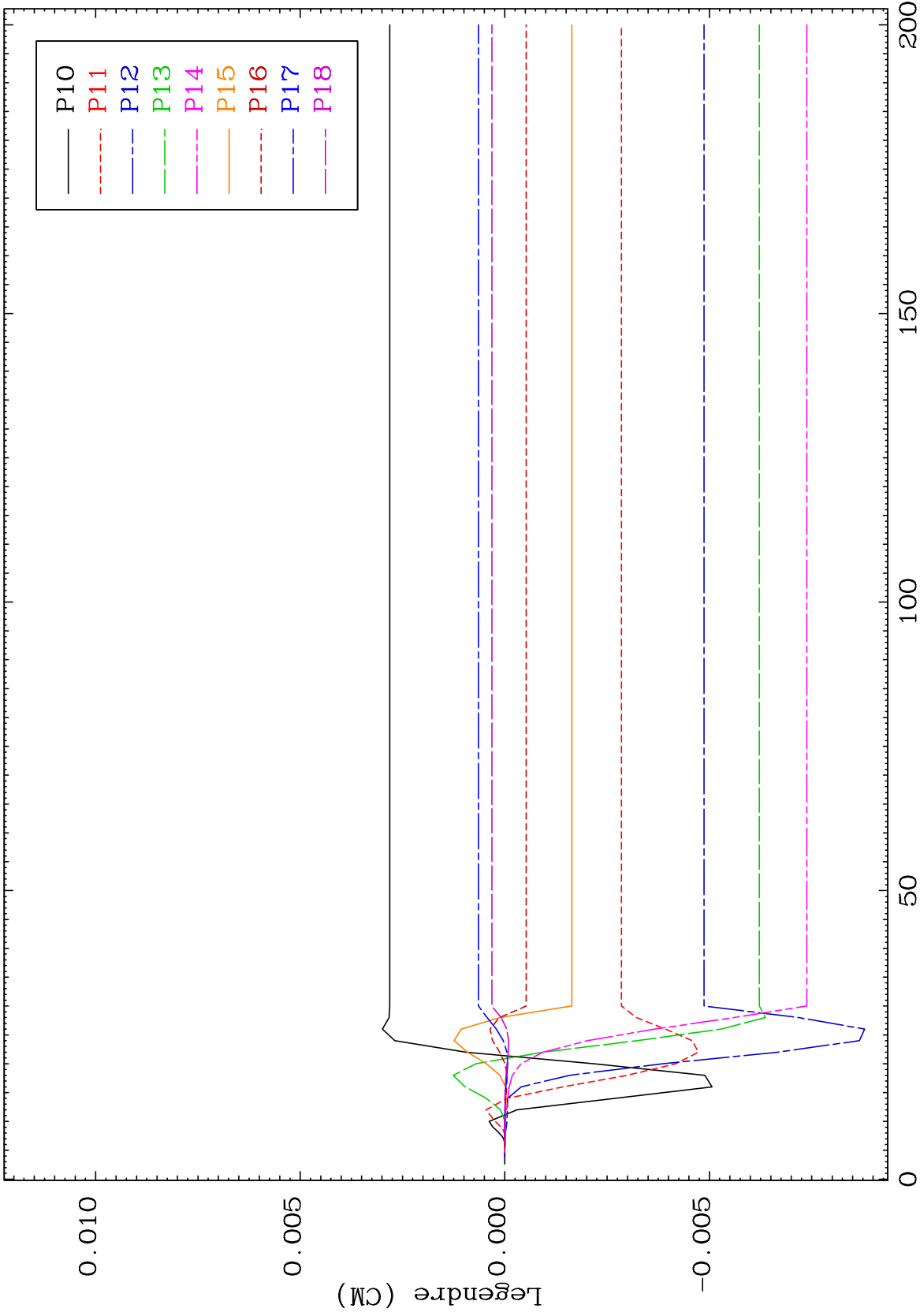
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



65

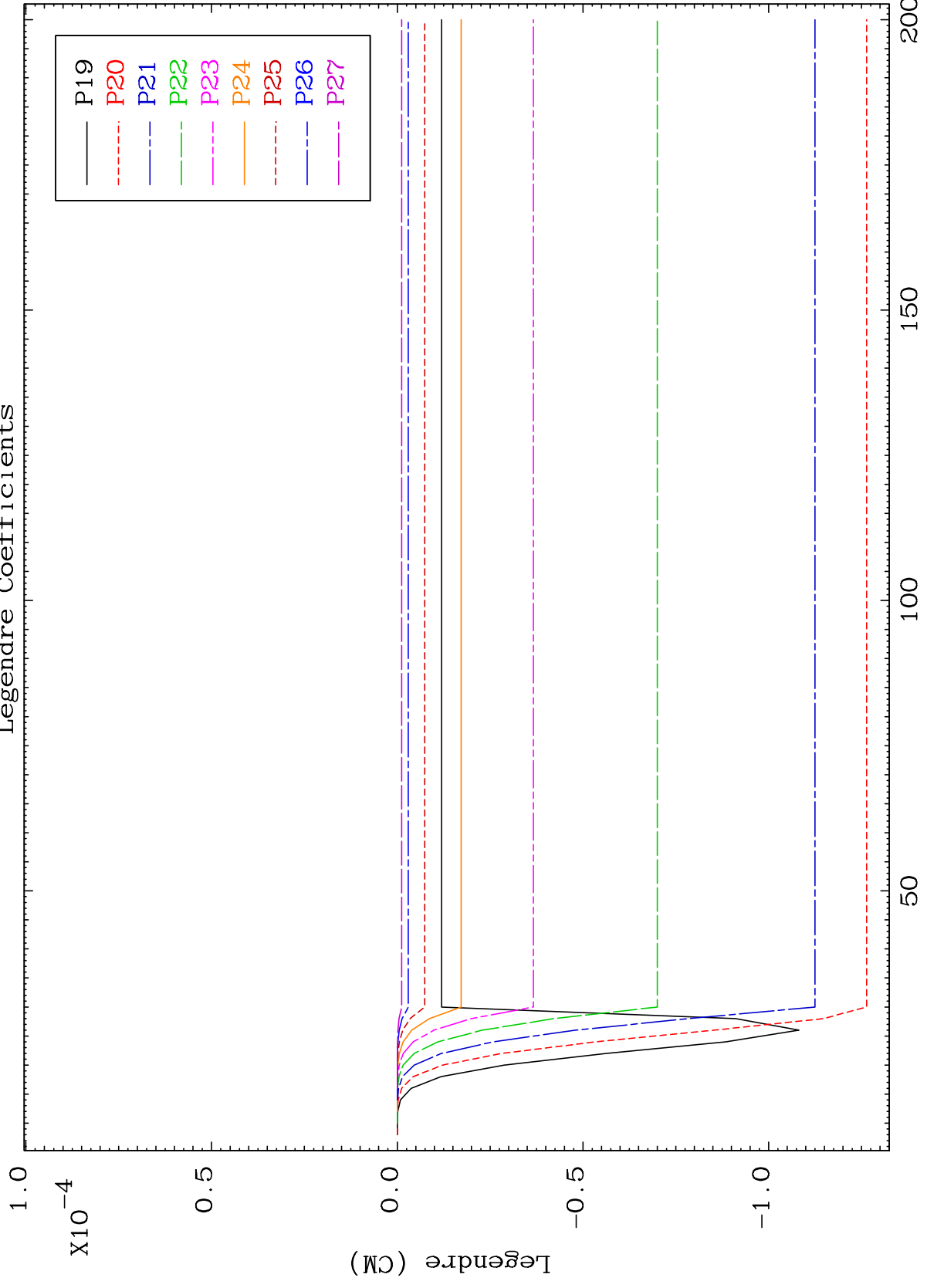
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



66

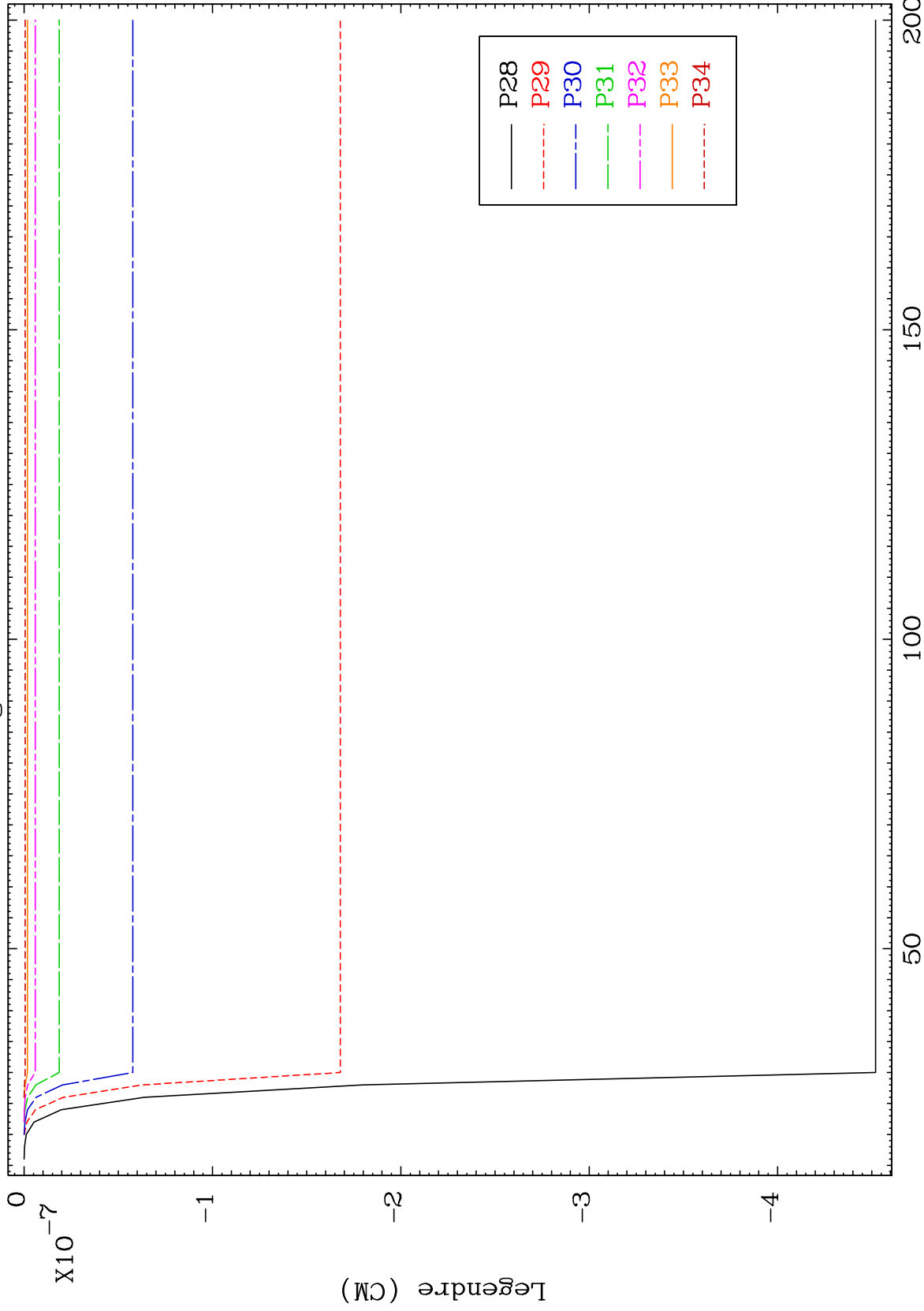
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



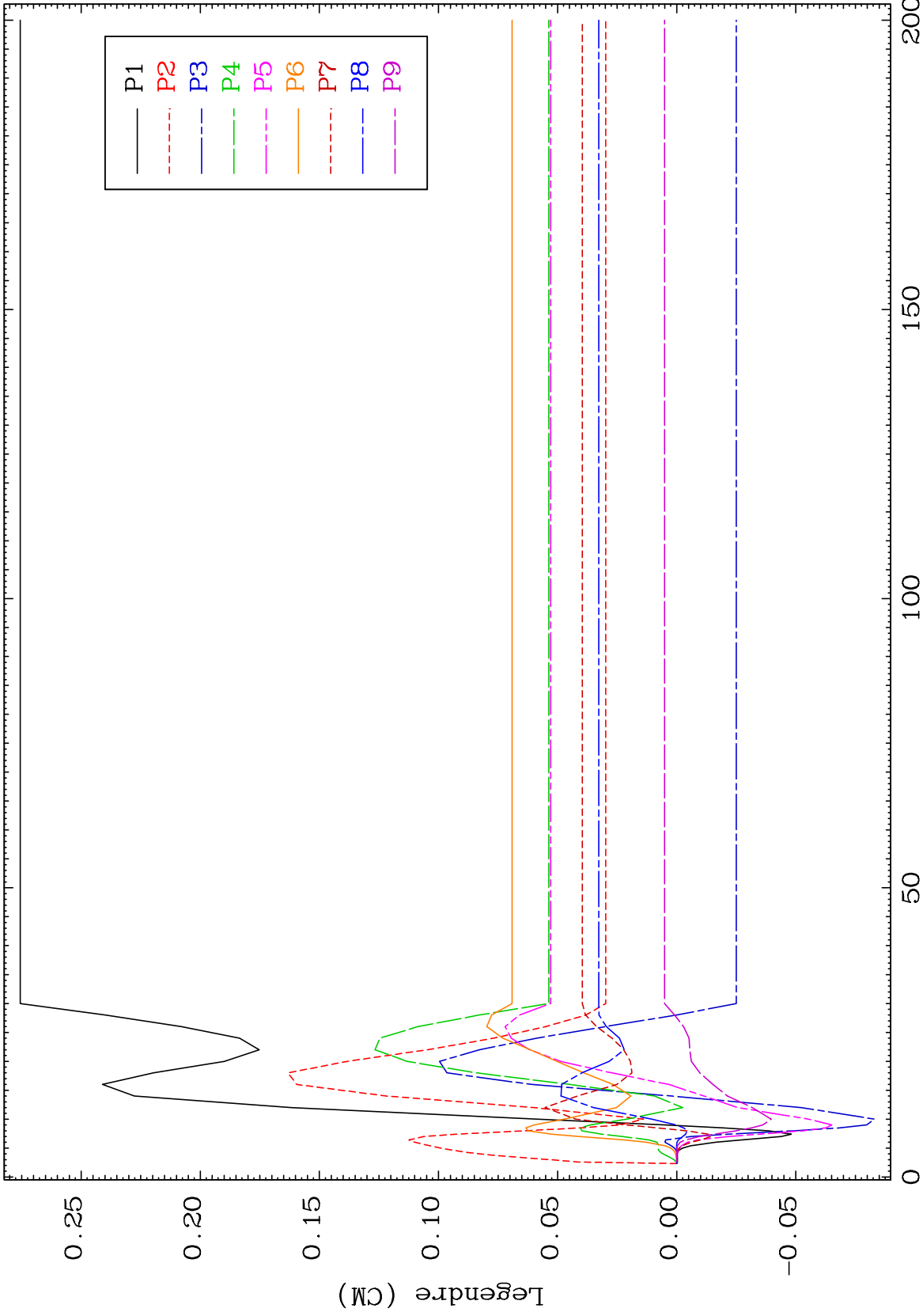
52-Te-114

67

MAT 5207

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

52-Te-114



68

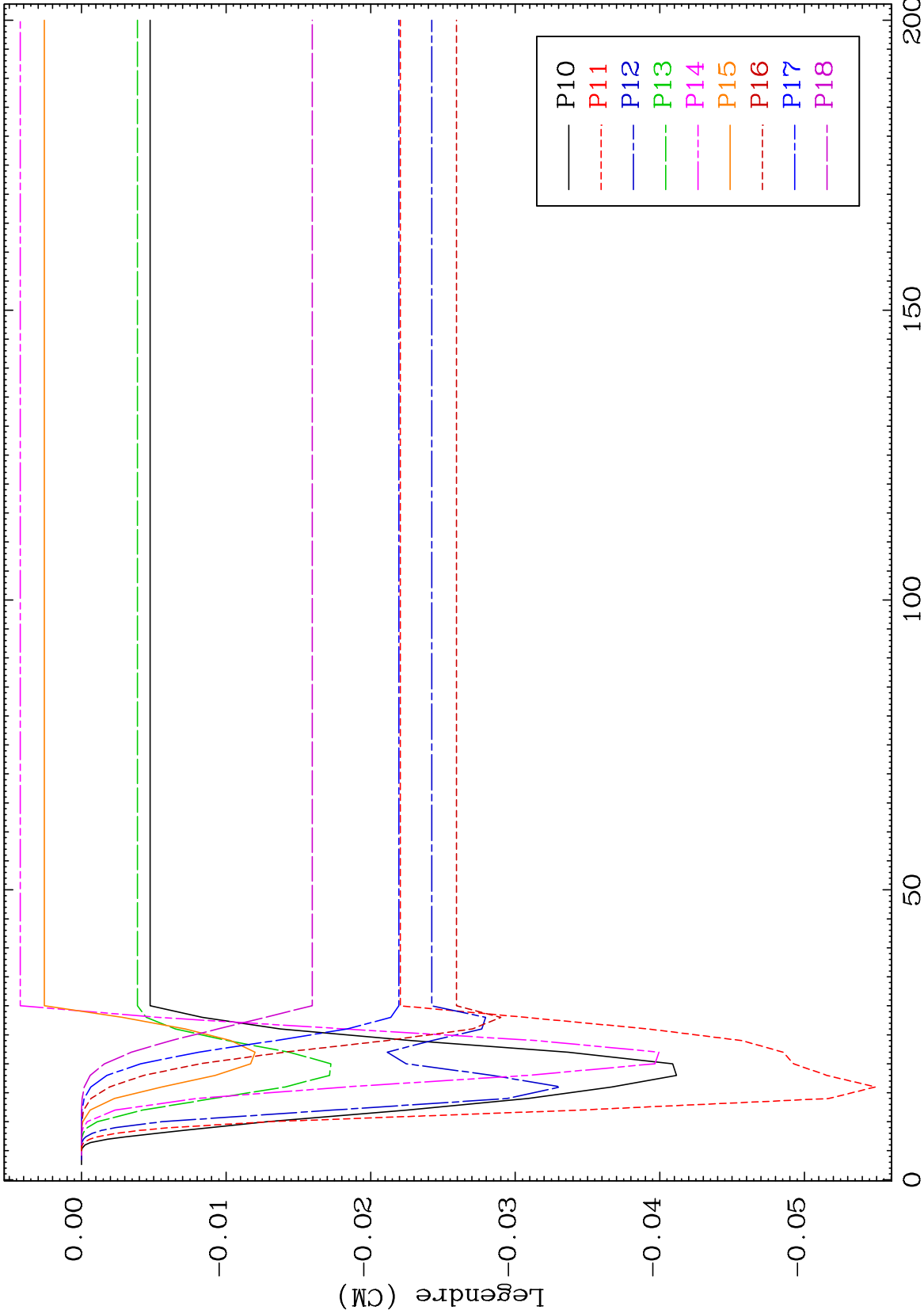
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114

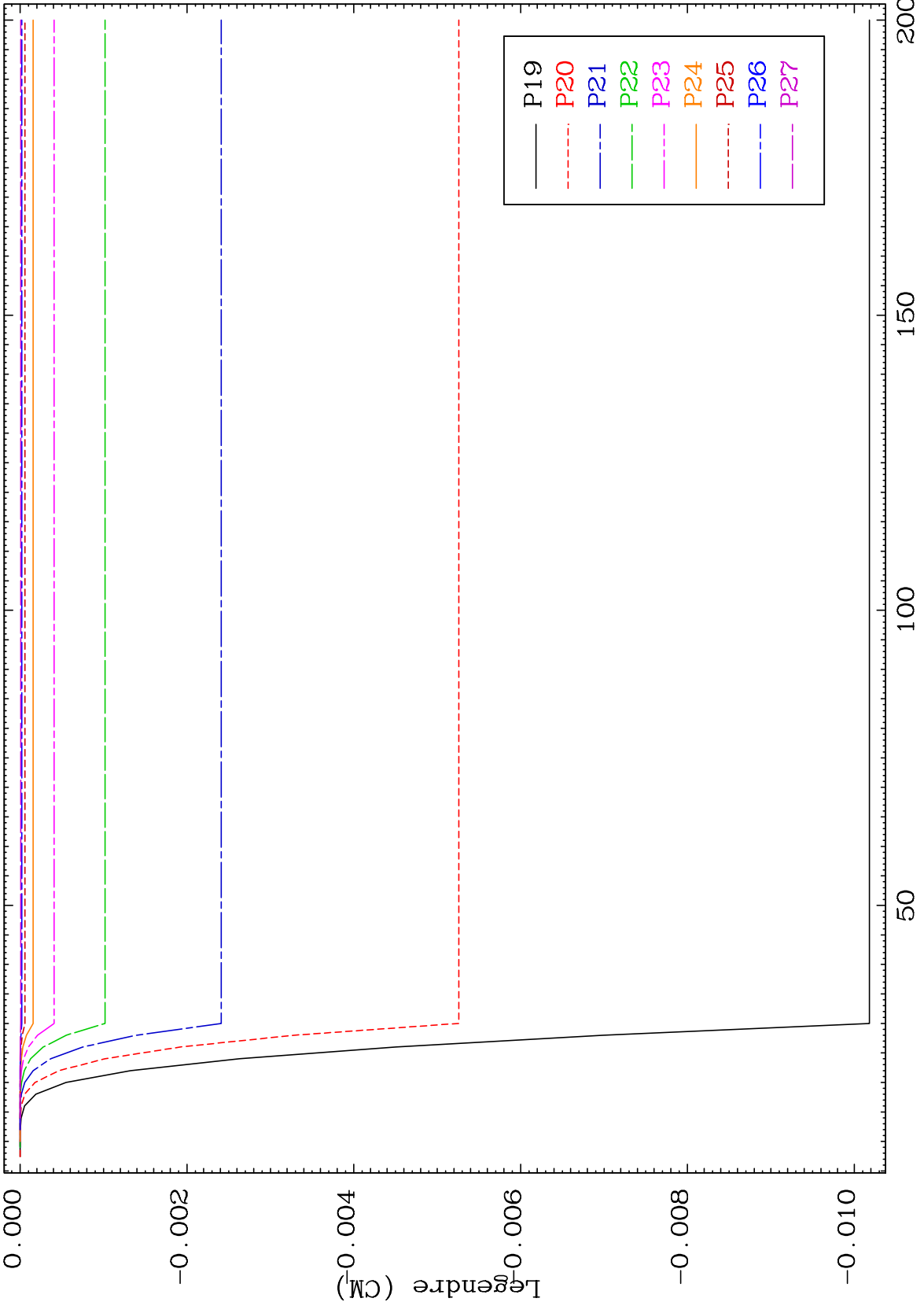


69

Incident Energy (MeV)

52-Te-114

MAT 5207 MT= 64 (n,n') Level Legendre Coefficients 52-Te-114

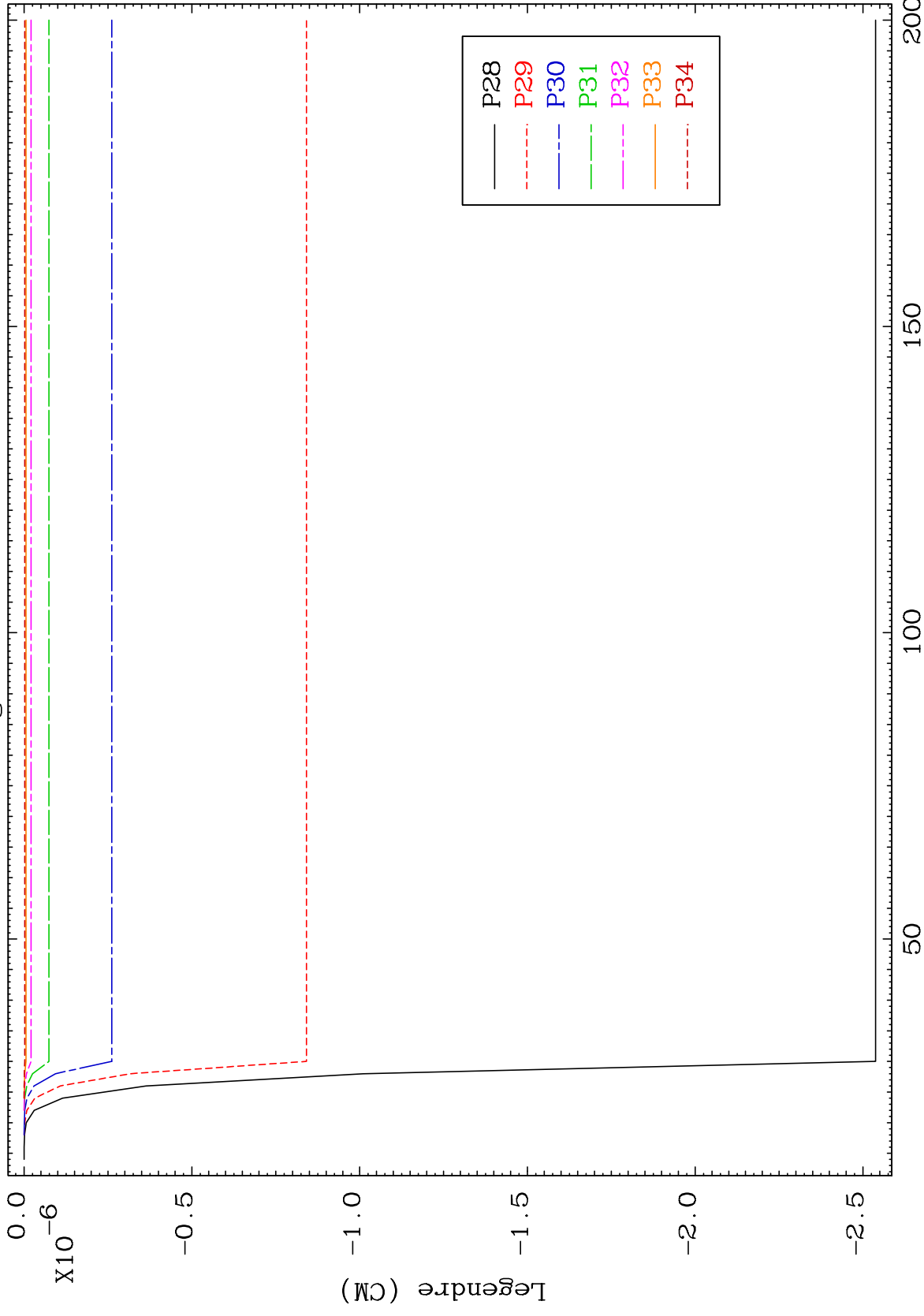


70 Incident Energy (MeV) 52-Te-114

MAT 5207

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

52-Te-114



52-Te-114

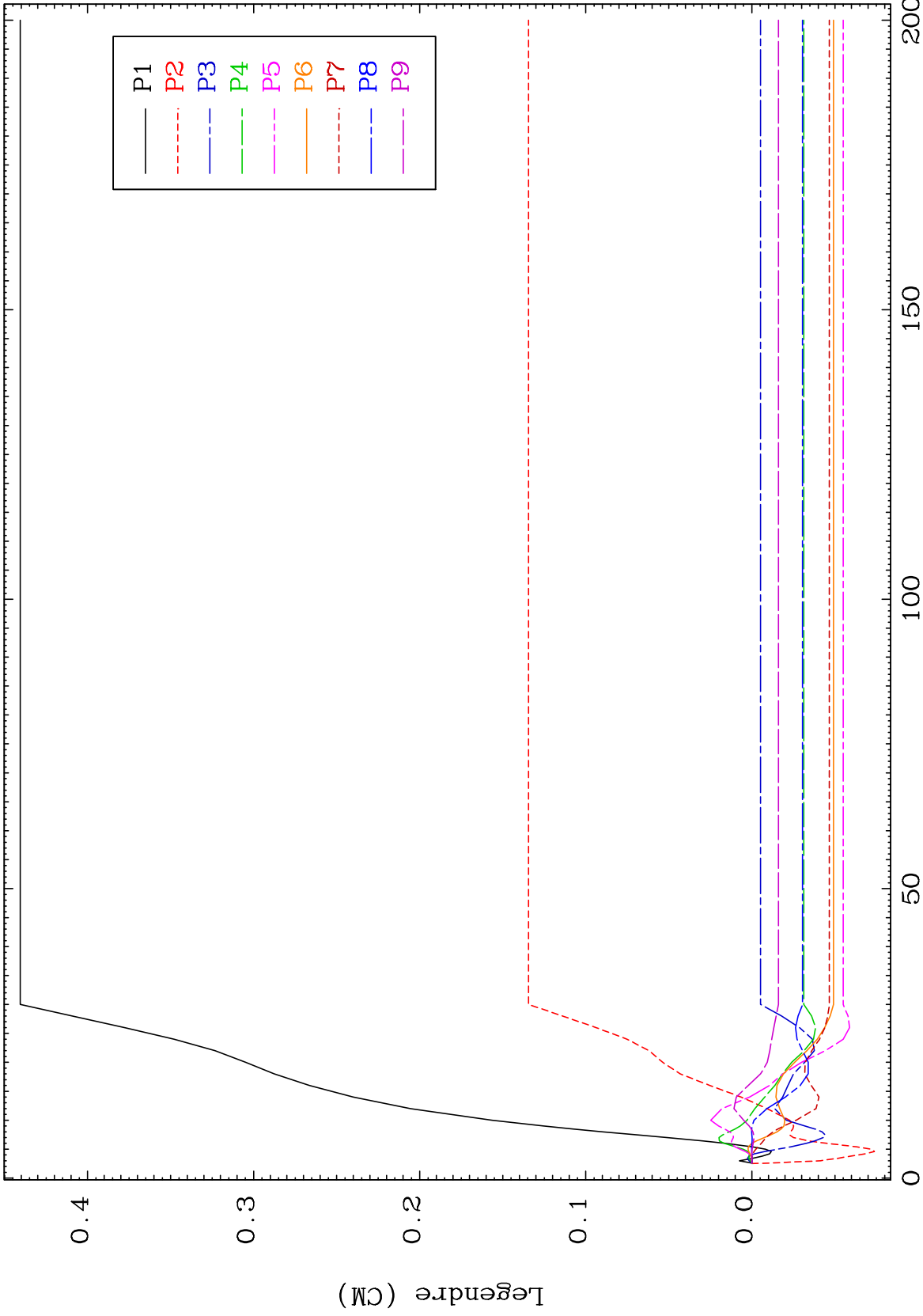
Incident Energy (MeV)

71

MAT 5207

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

52-Te-114

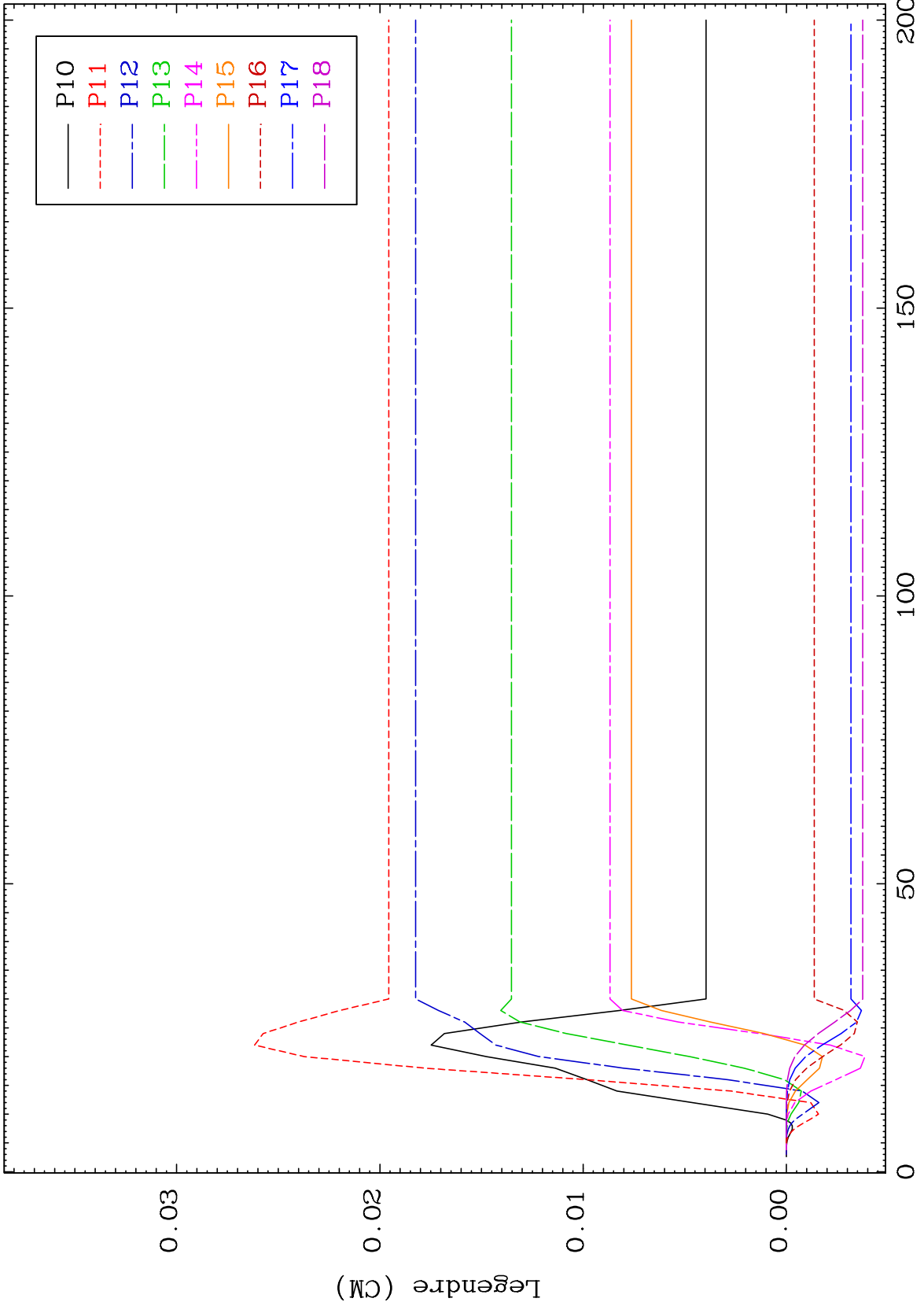


72

Incident Energy (MeV)

52-Te-114

MAT 5207 MT= 65 (n,n') Level Legendre Coefficients 52-Te-114

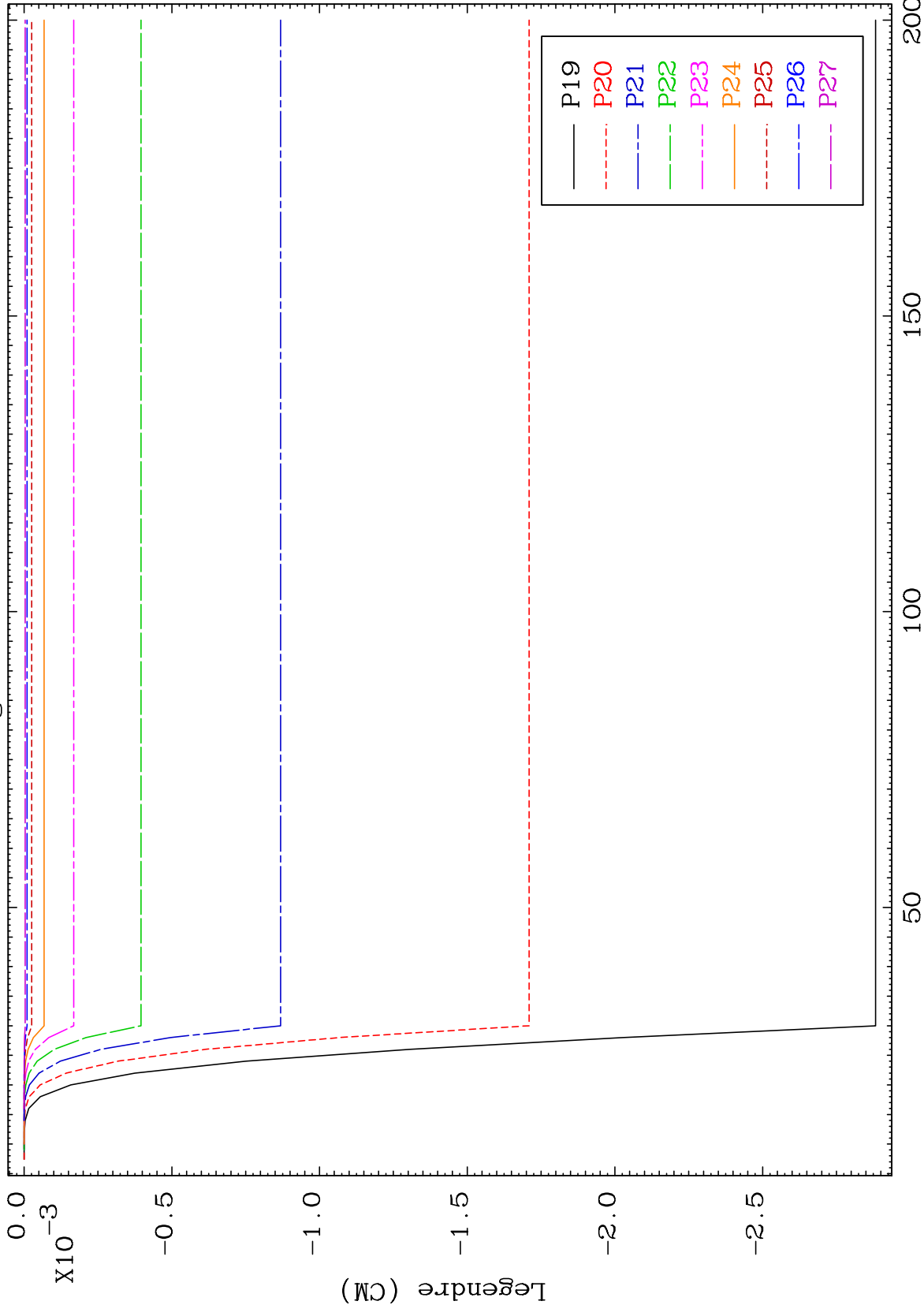


73 52-Te-114

MAT 5207

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

52-Te-114



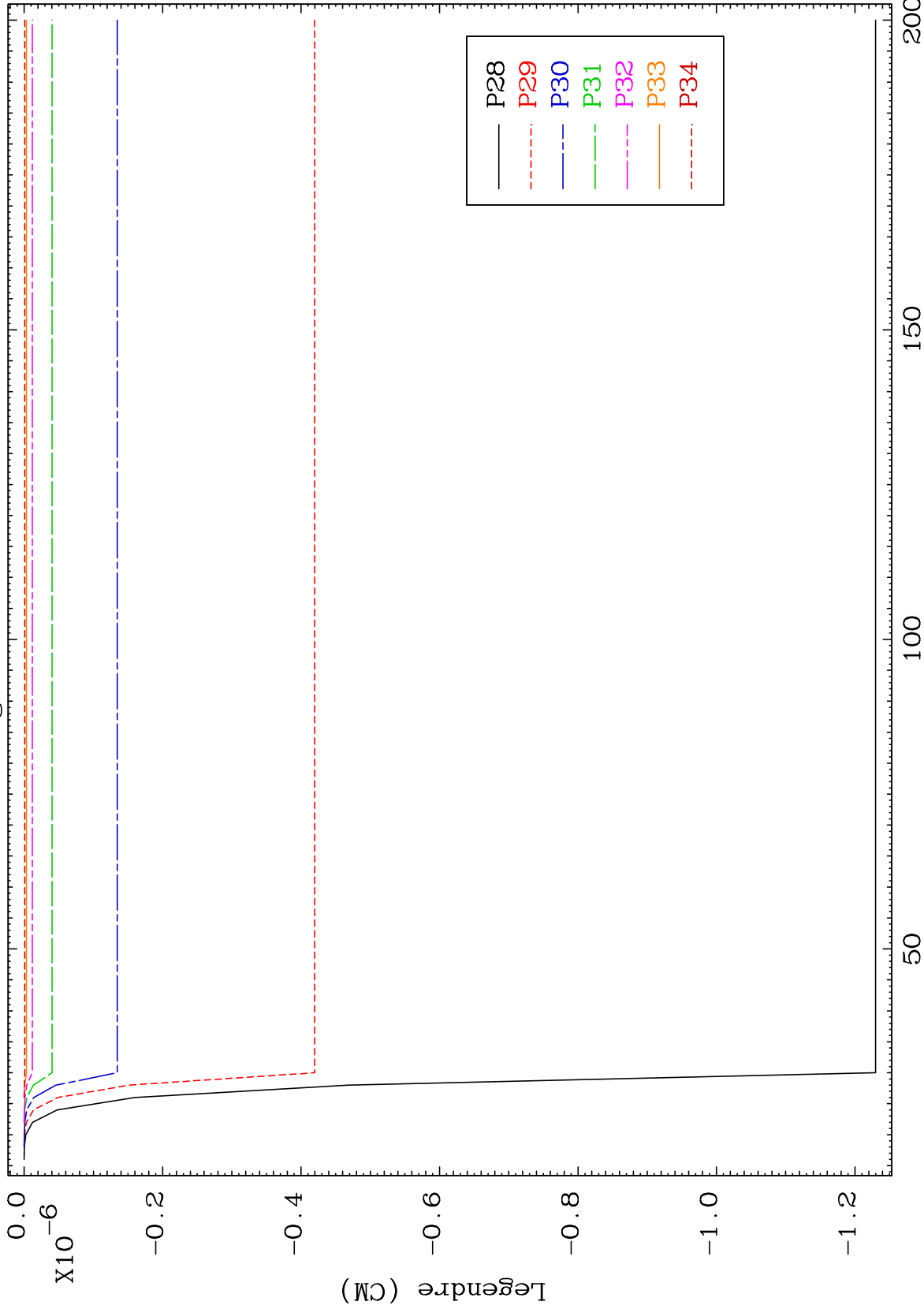
74

52-Te-114

MAT 5207

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

52-Te-114



52-Te-114

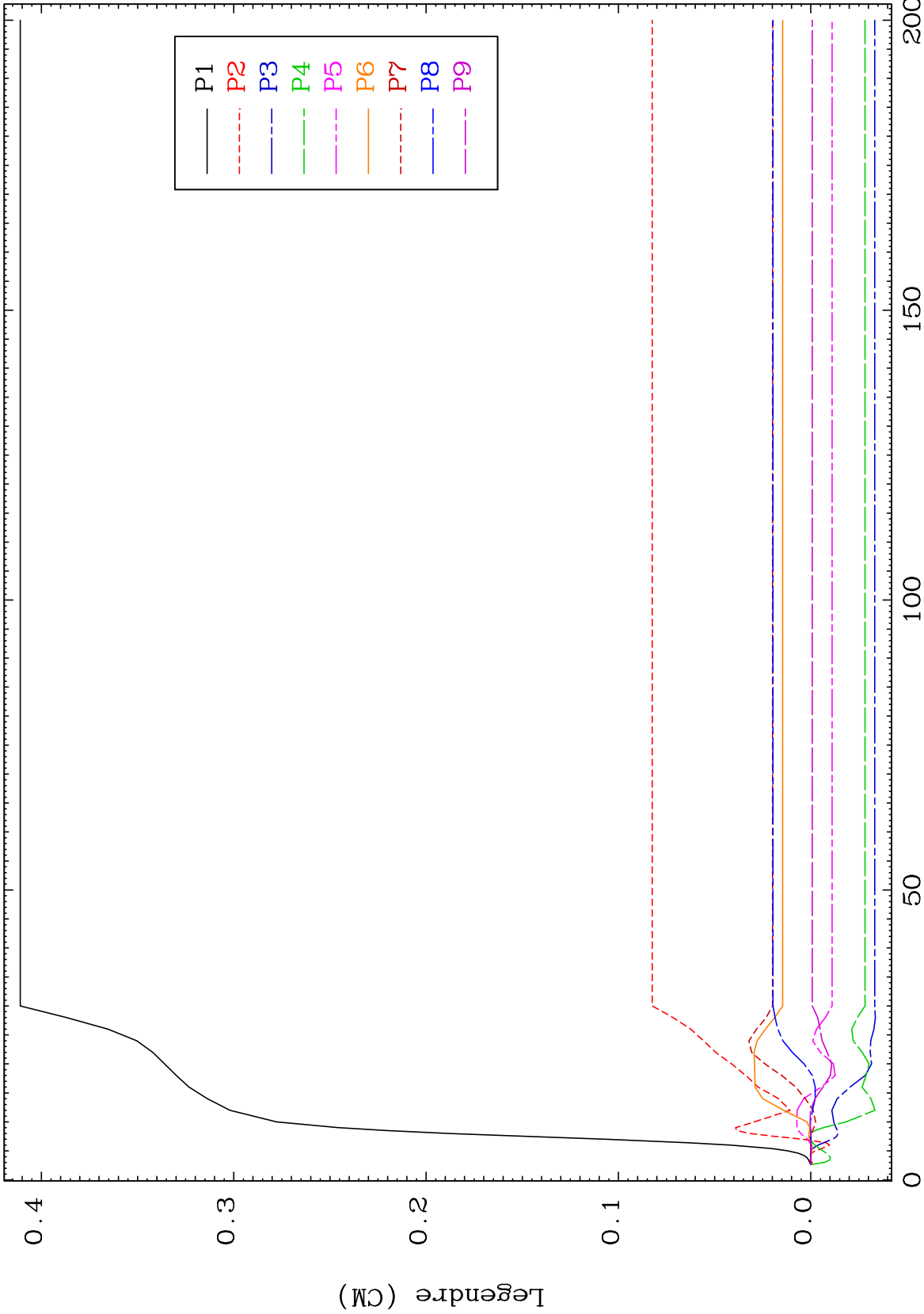
Incident Energy (MeV)

75

MAT 5207

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

52-Te-114



76

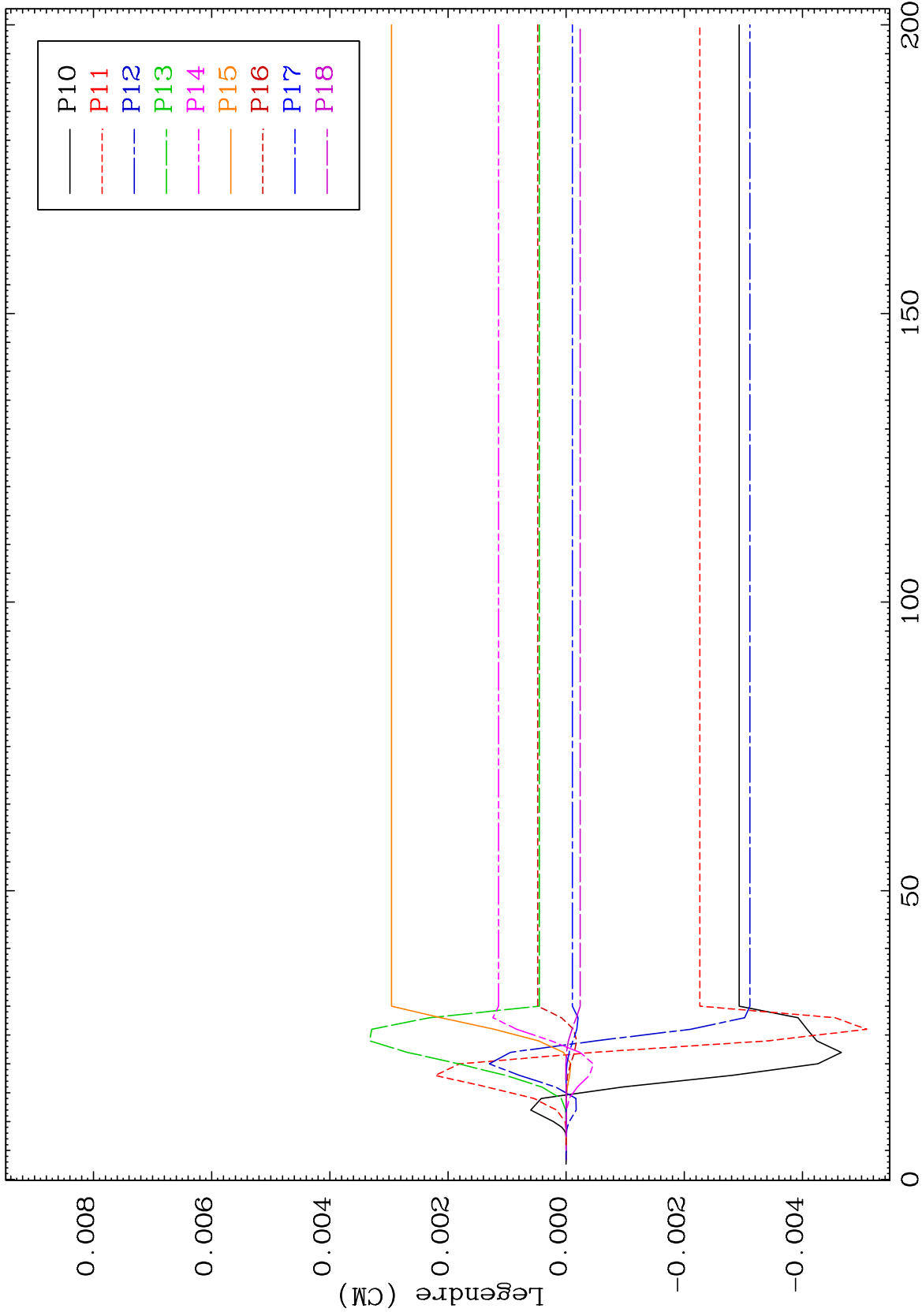
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



77

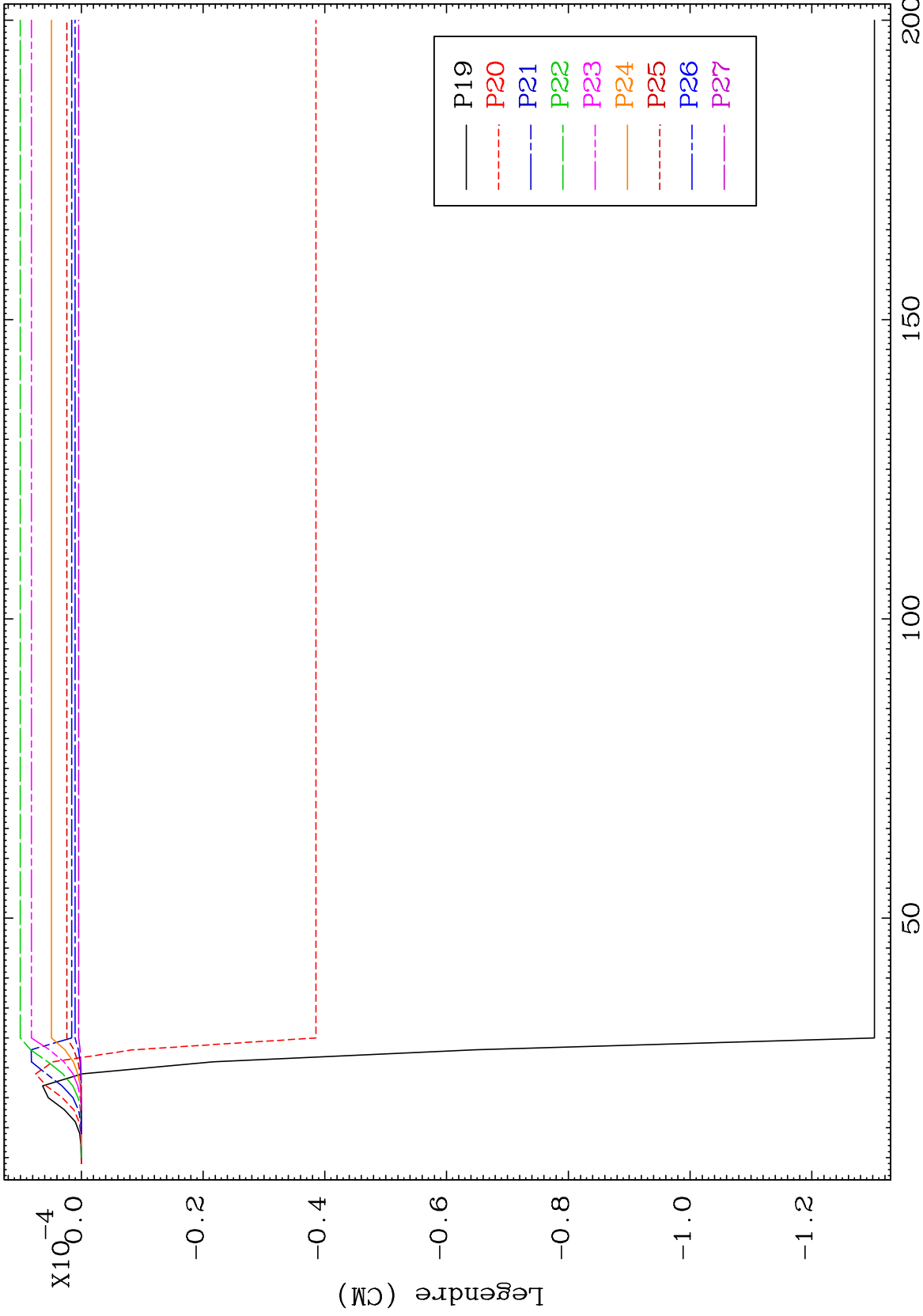
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



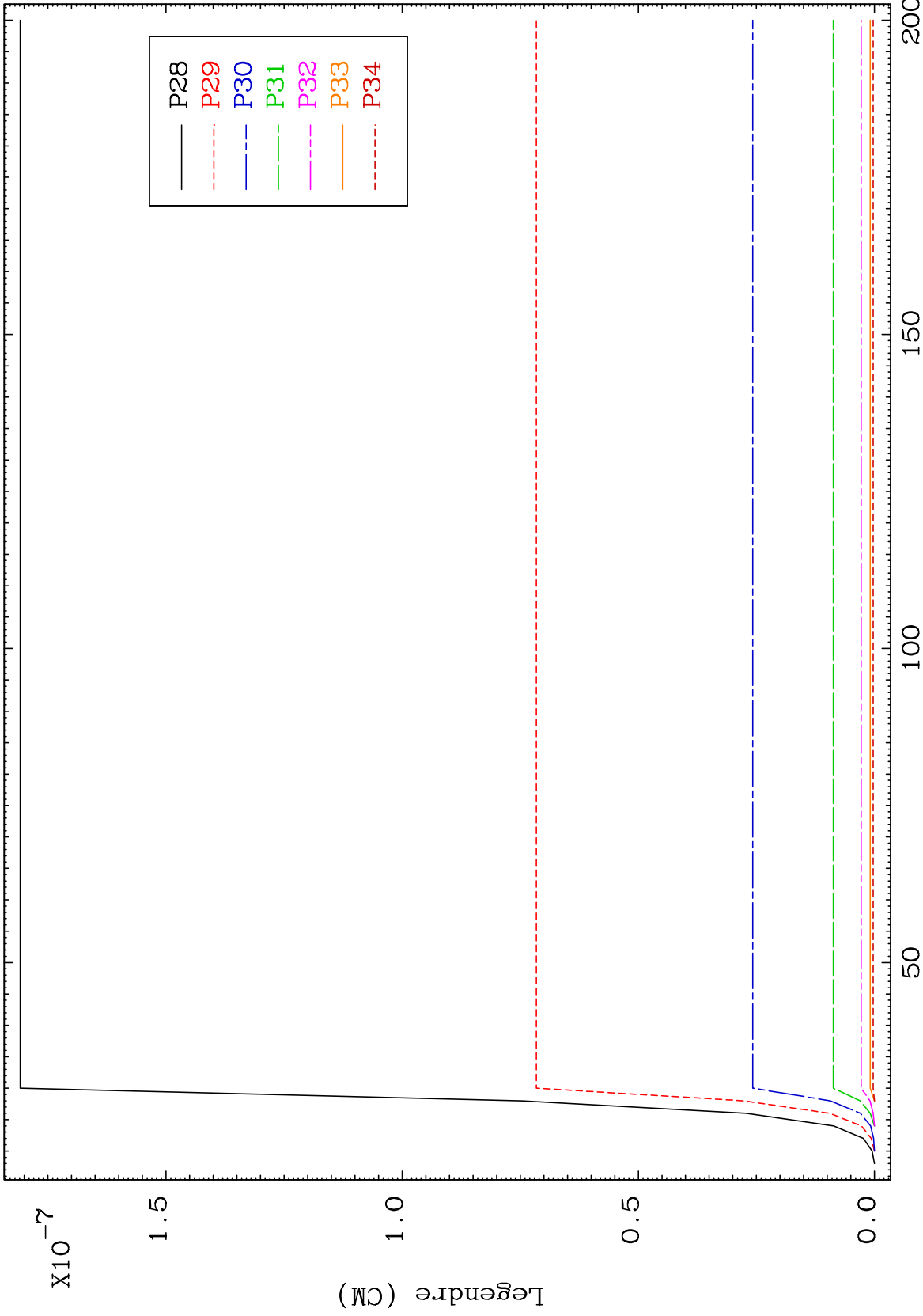
78

52-Te-114

MAT 5207

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

52-Te-114



79

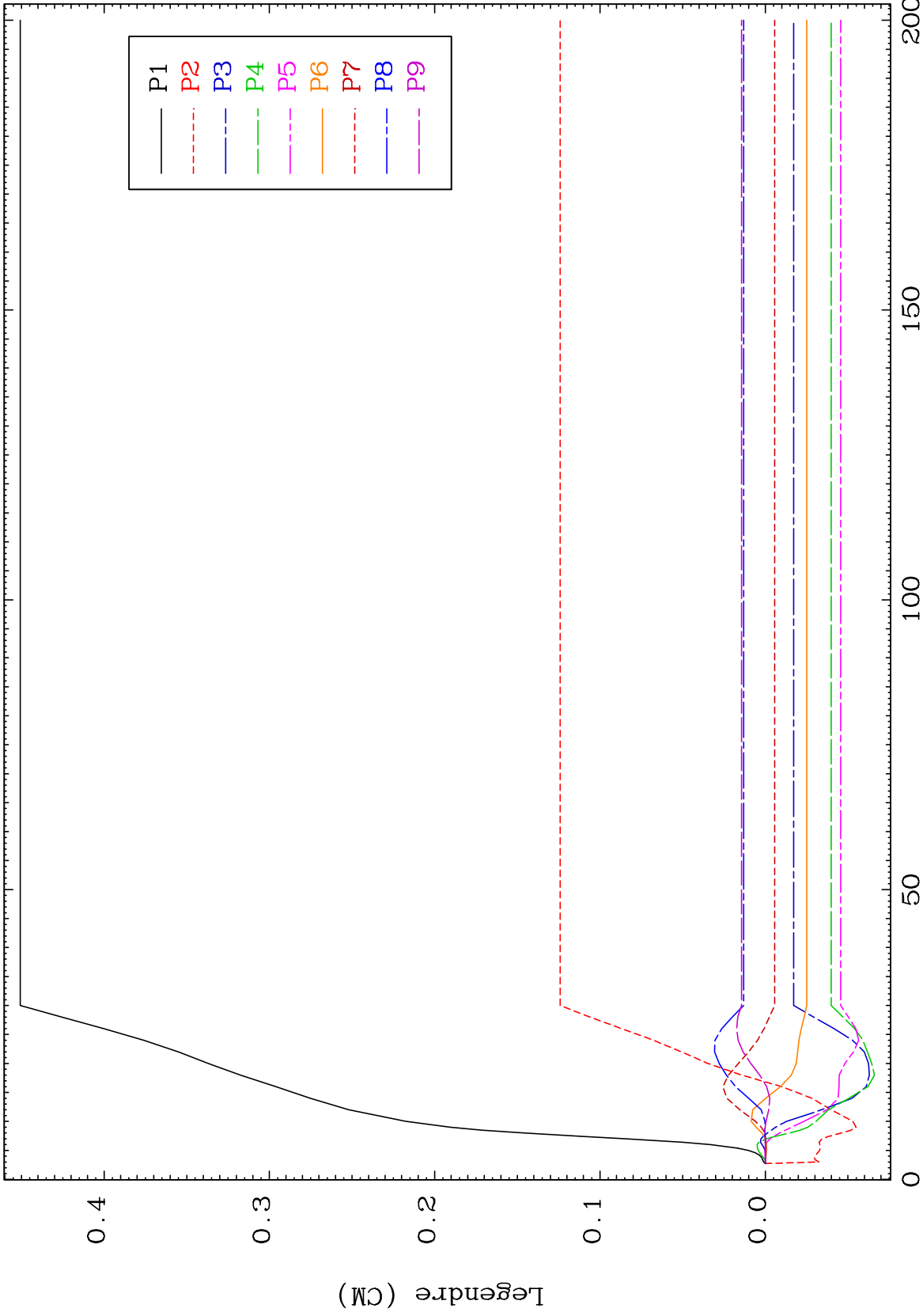
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



80

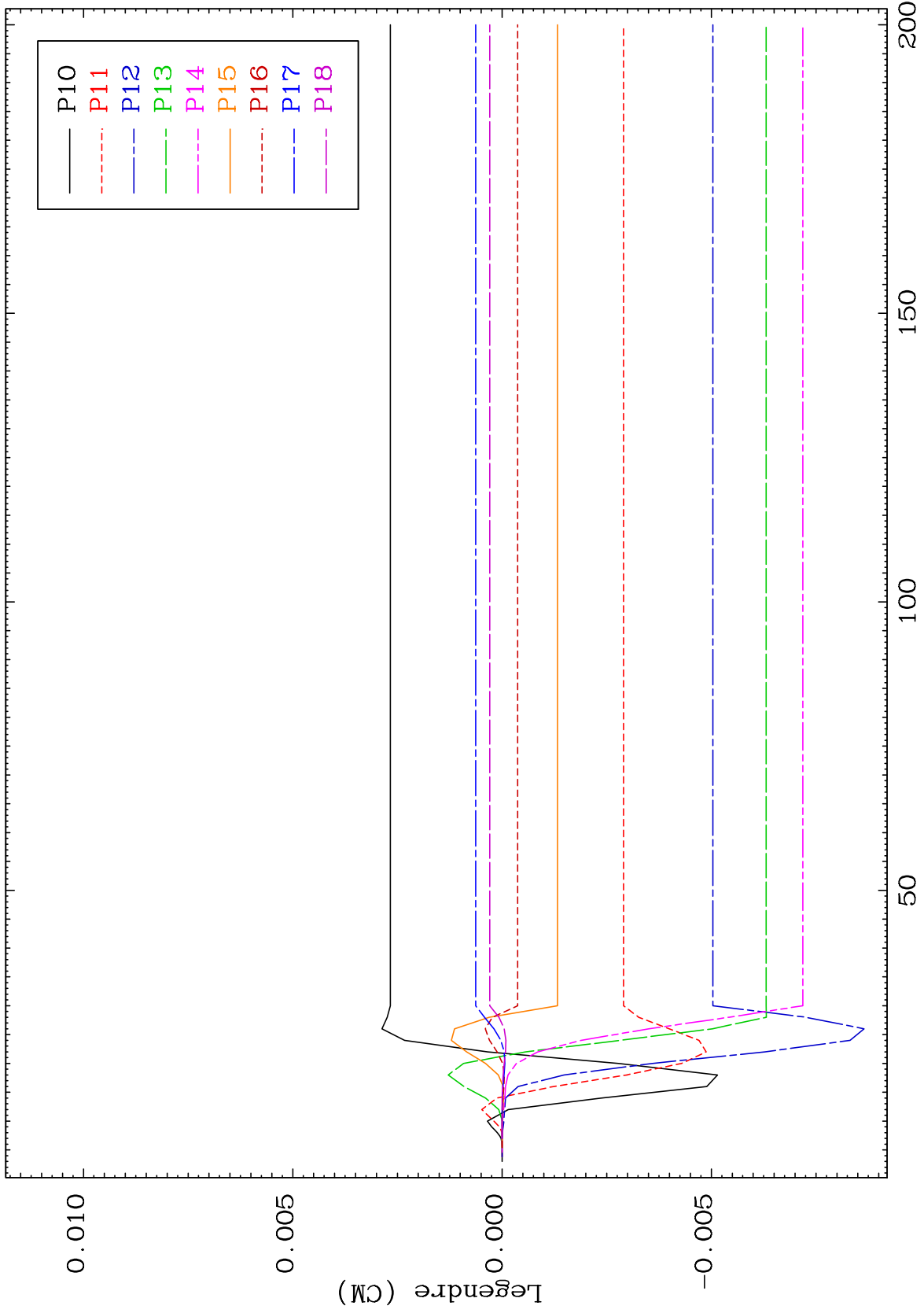
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



81

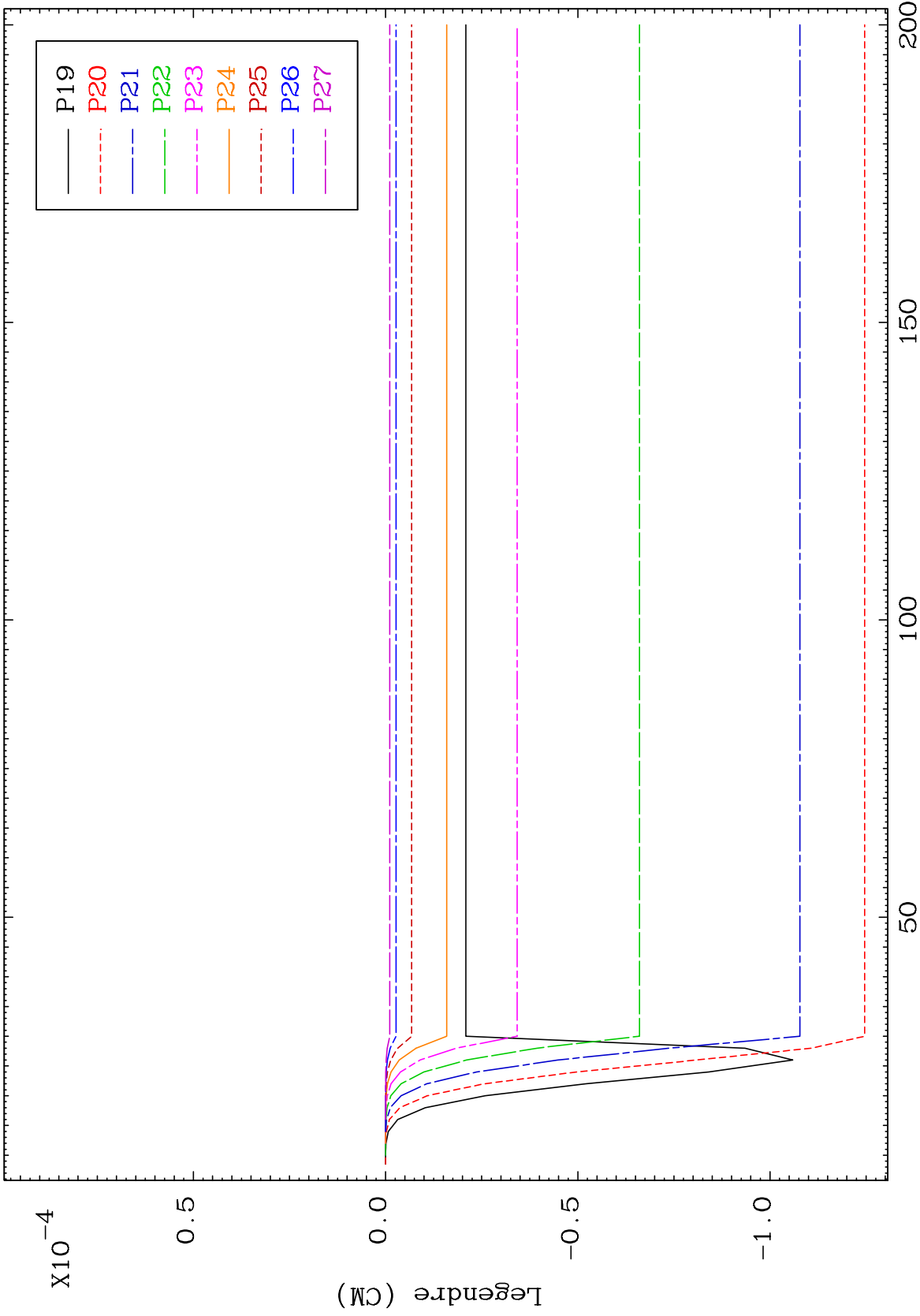
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



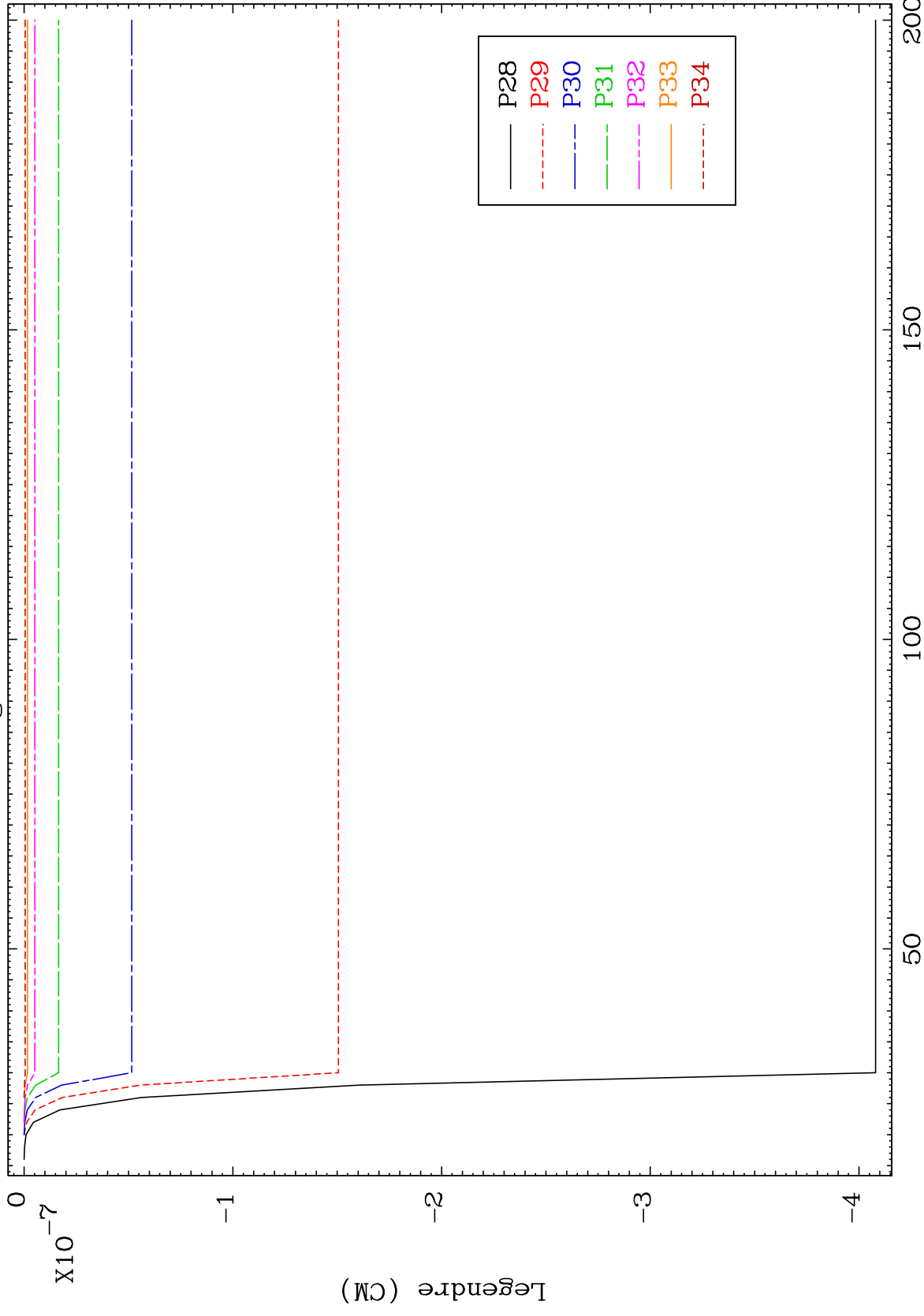
82

52-Te-114

MAT 5207

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

52-Te-114



52-Te-114

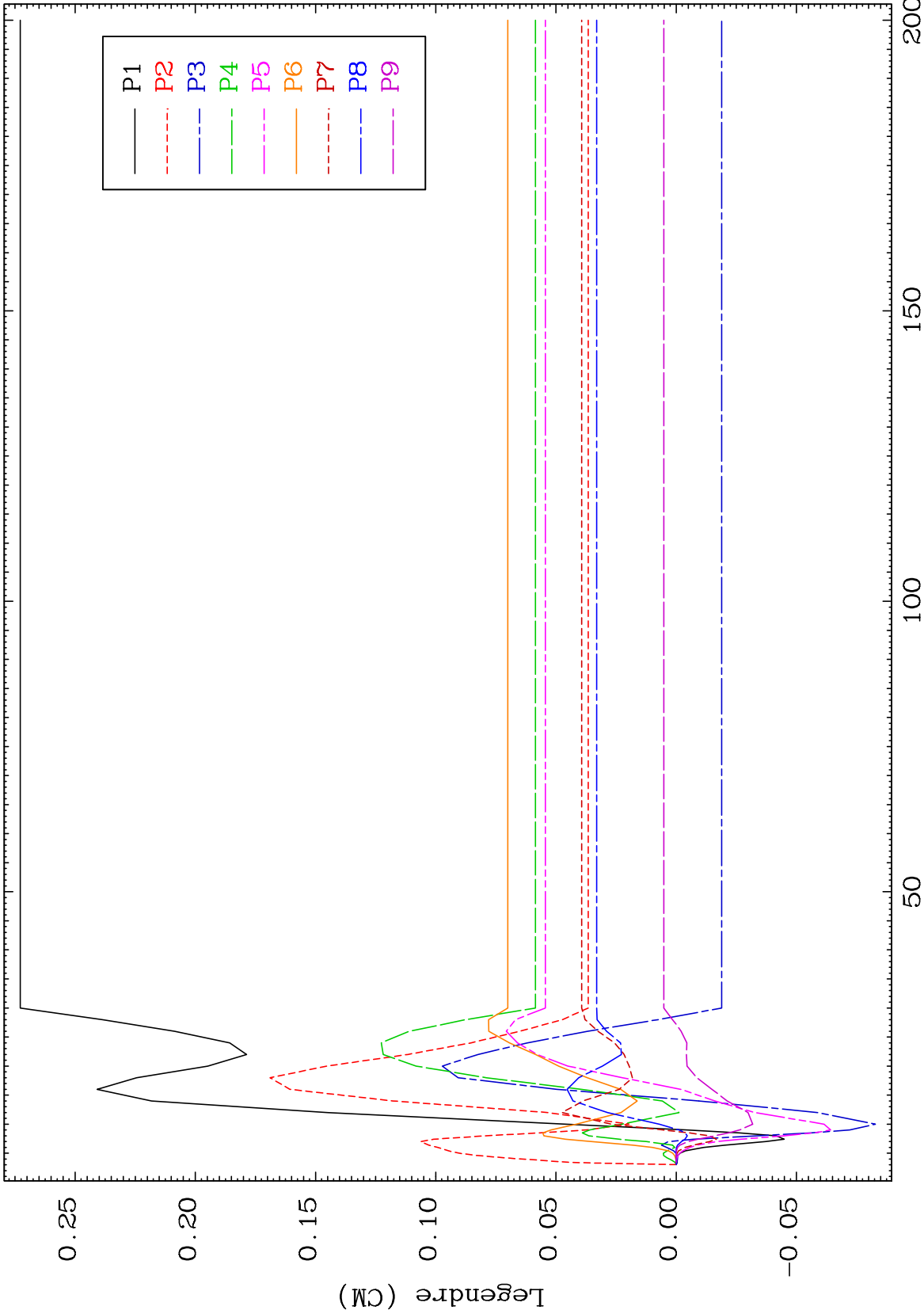
Incident Energy (MeV)

83

MAT 5207

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

52-Te-114

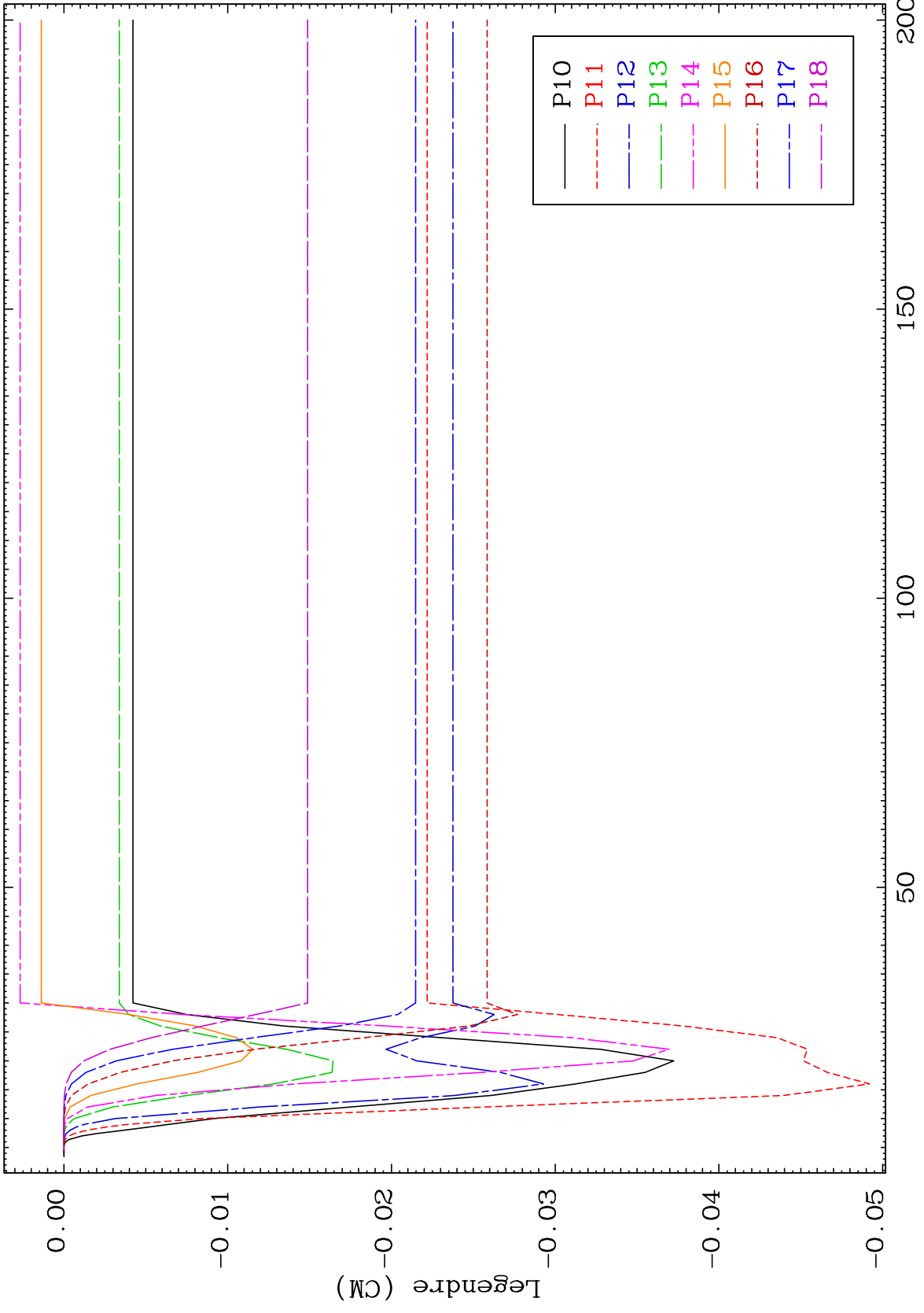


84

Incident Energy (MeV)

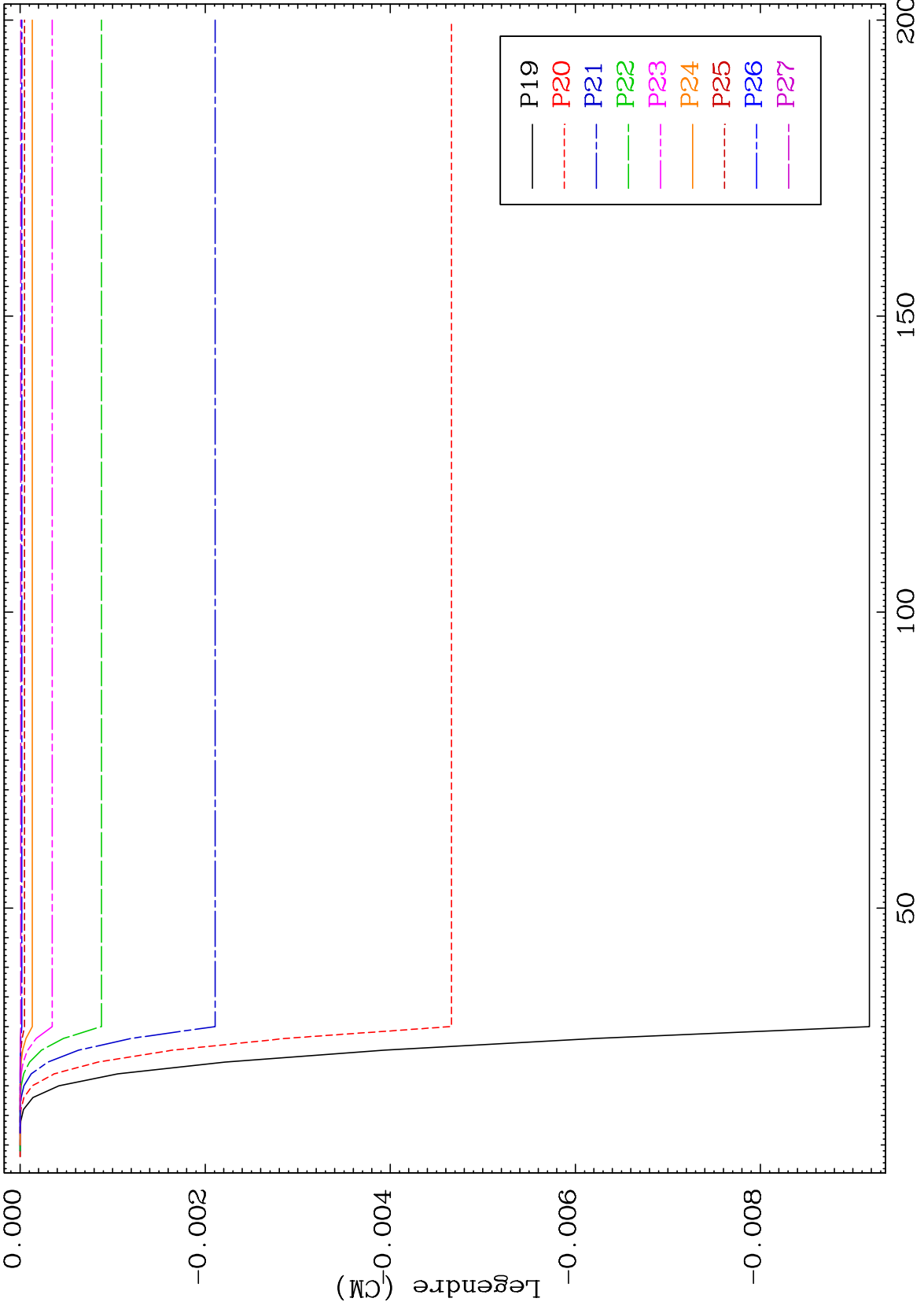
52-Te-114

MAT 5207 MT= 68 (n,n') Level Legendre Coefficients 52-Te-114



85 Incident Energy (MeV) 52-Te-114

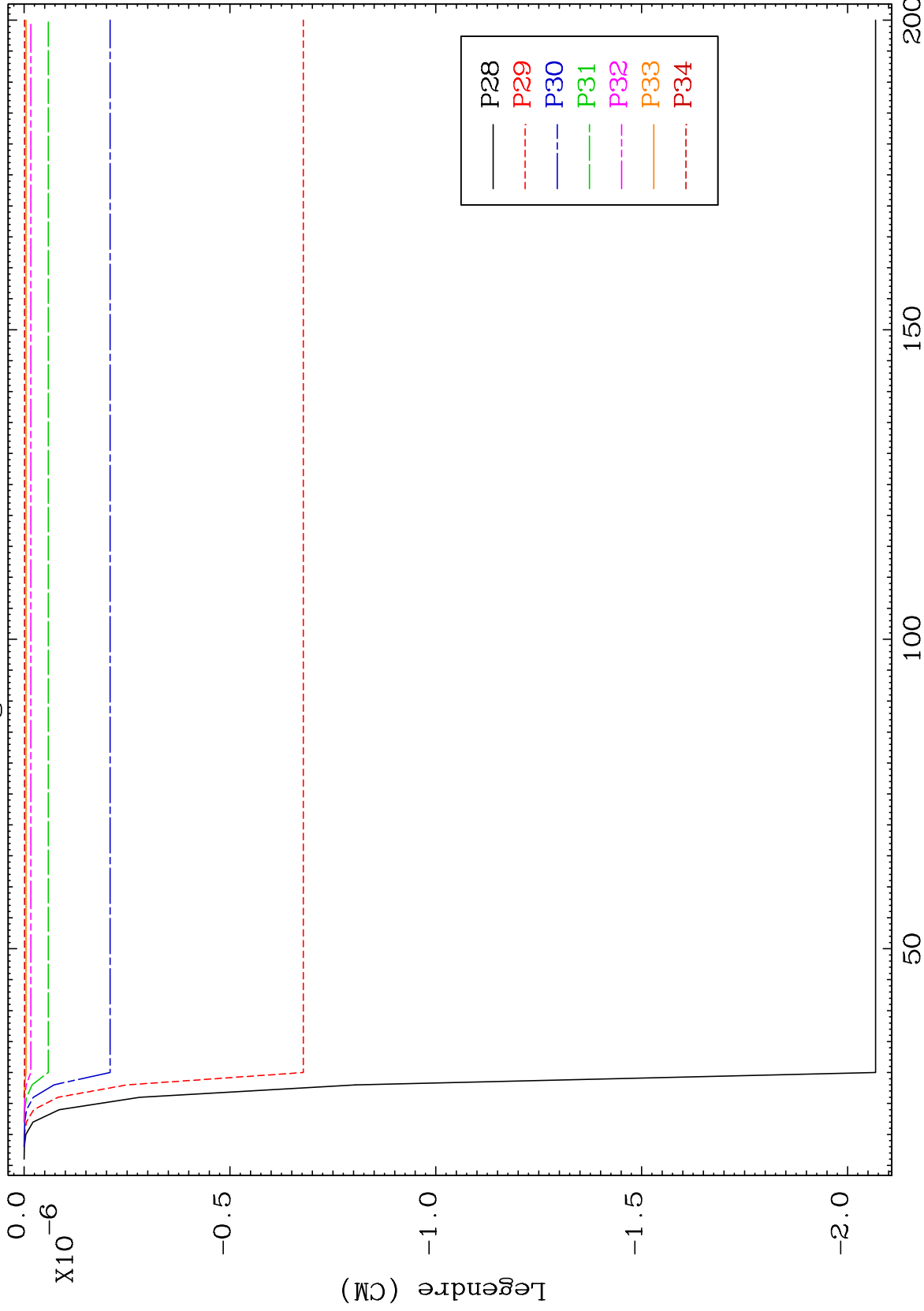
MAT 5207 MT= 68 (n,n') Level Legendre Coefficients 52-Te-114



MAT 5207 MT= 68 (n,n') Level

52-Te-114

Legendre Coefficients



52-Te-114

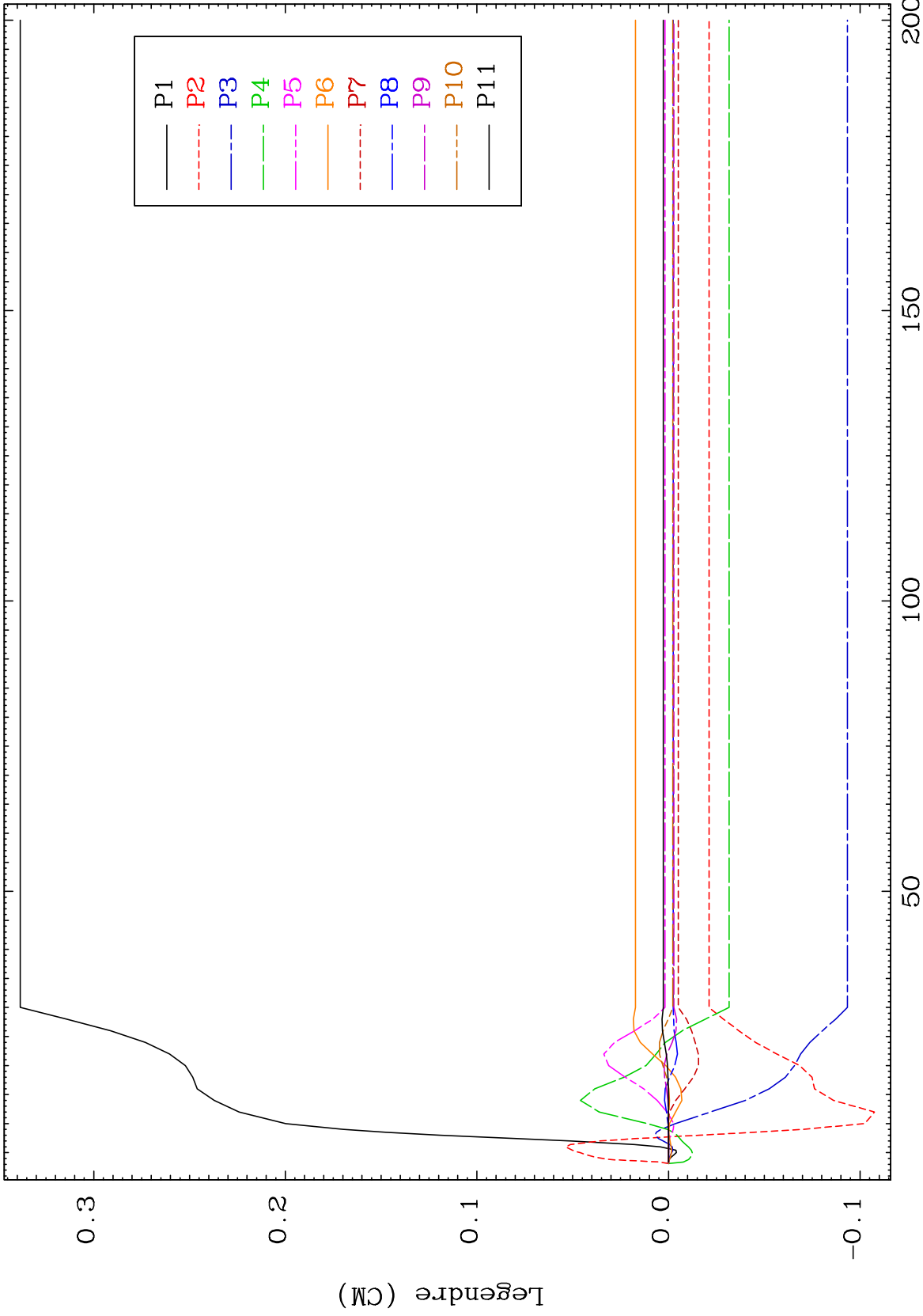
Incident Energy (MeV)

87

MAT 5207

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

52-Te-114



88

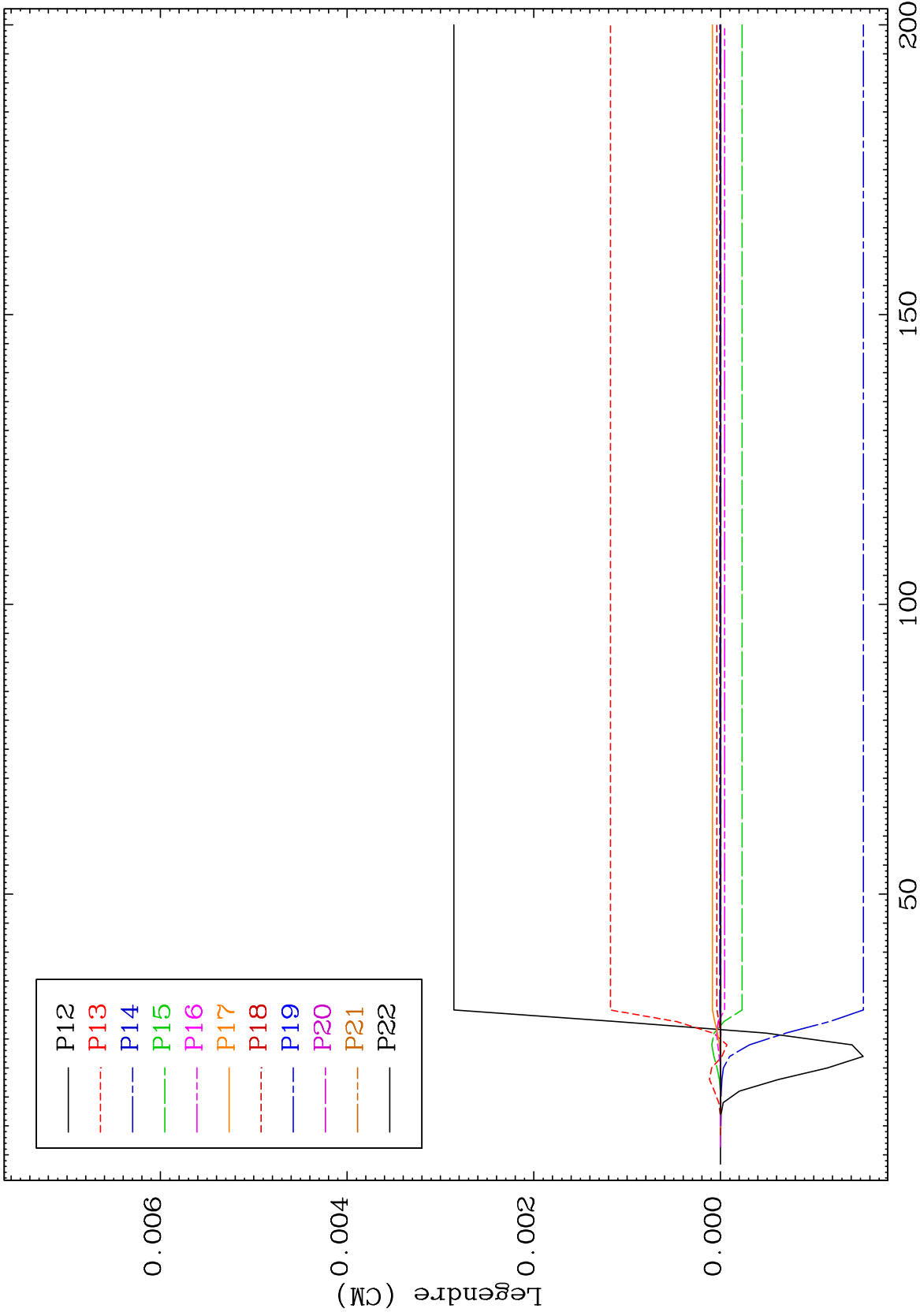
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114

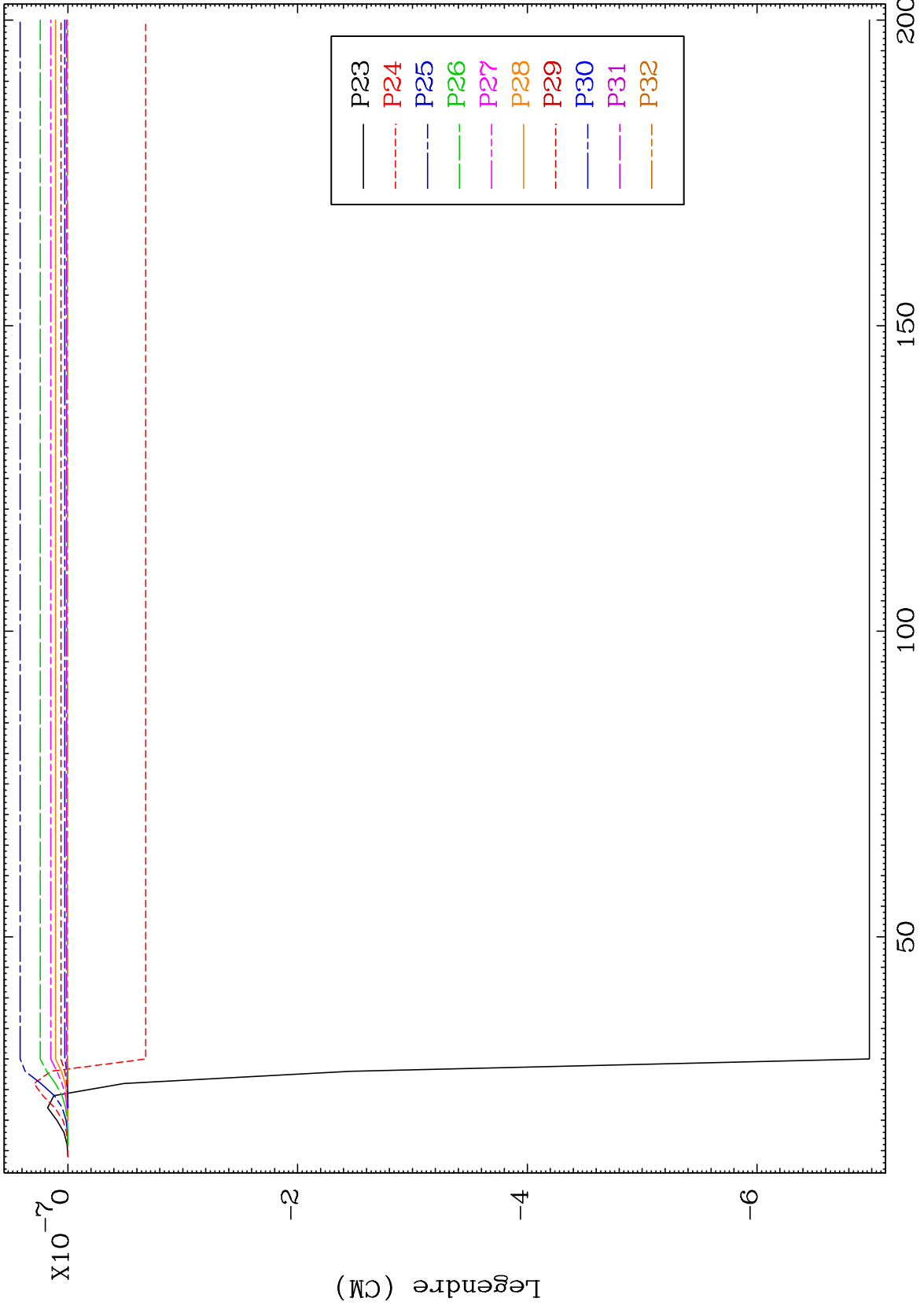


89

Incident Energy (MeV)

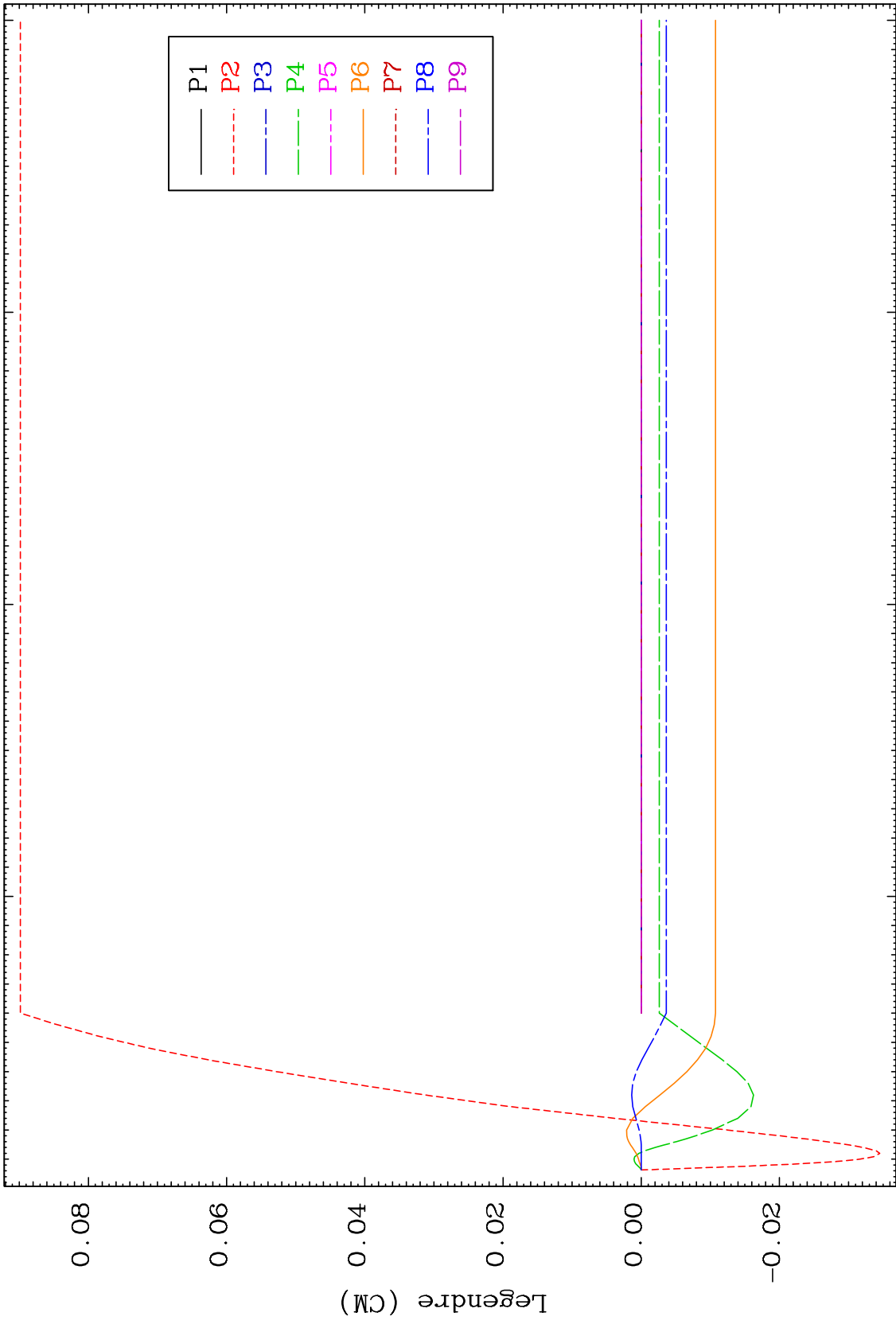
52-Te-114

MAT 5207 MT= 69 (n,n') Level Legendre Coefficients 52-Te-114



90 50 100 150 200 Incident Energy (MeV) 52-Te-114

MAT 5207 MT= 70 (n,n') Level Legendre Coefficients 52-Te-114

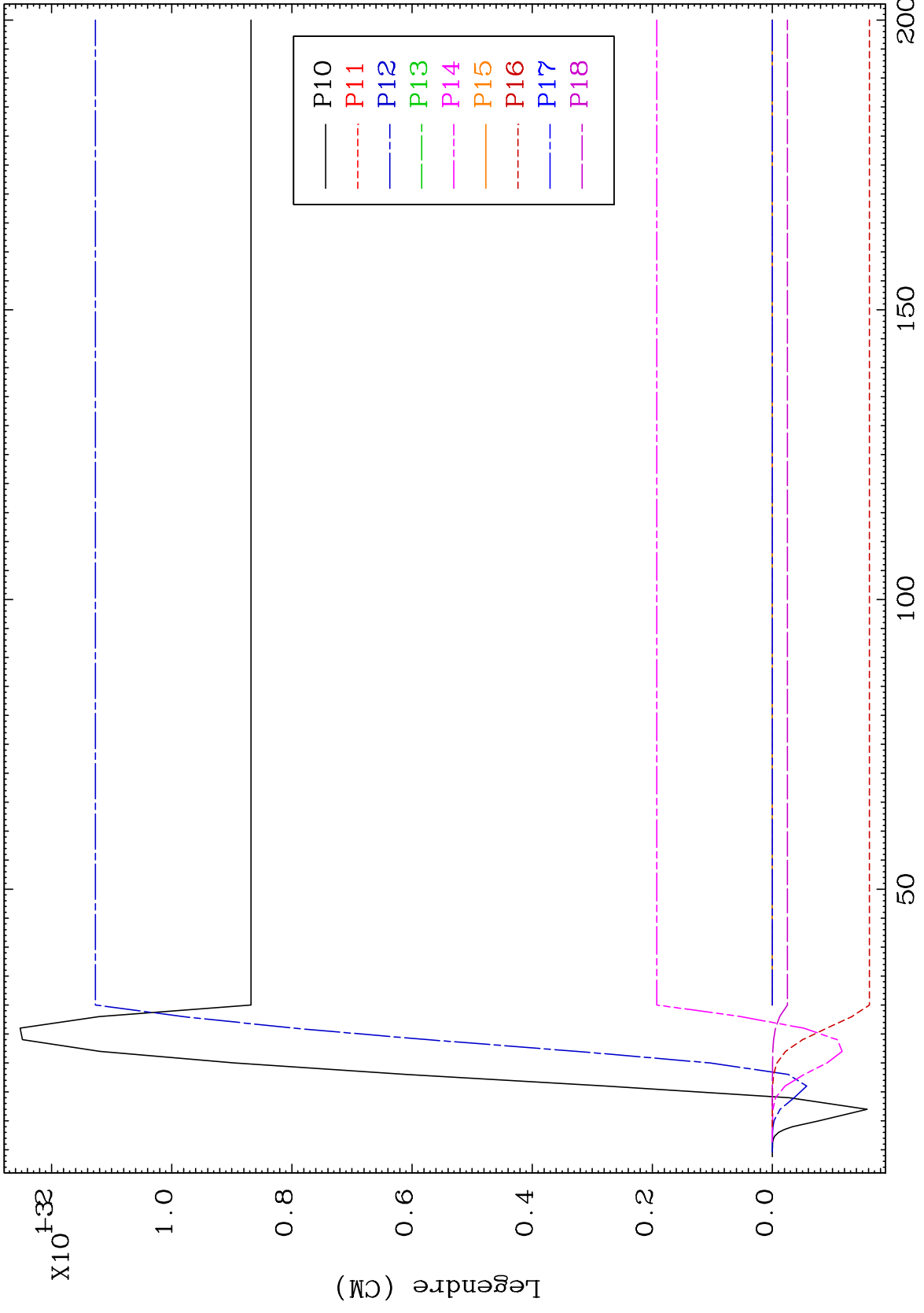


91 52-Te-114

MAT 5207

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

52-Te-114



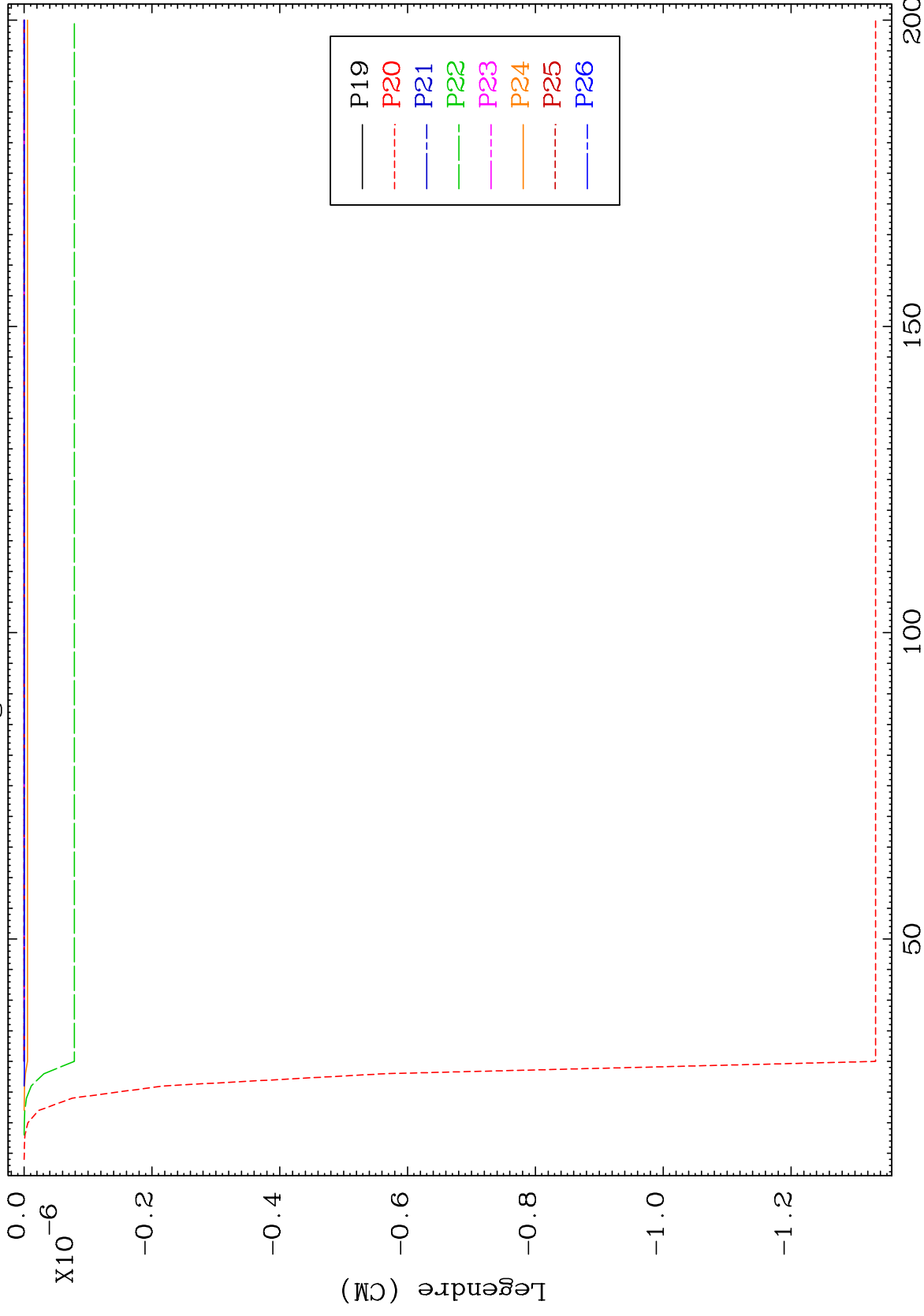
92

52-Te-114

MAT 5207

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

52-Te-114



52-Te-114

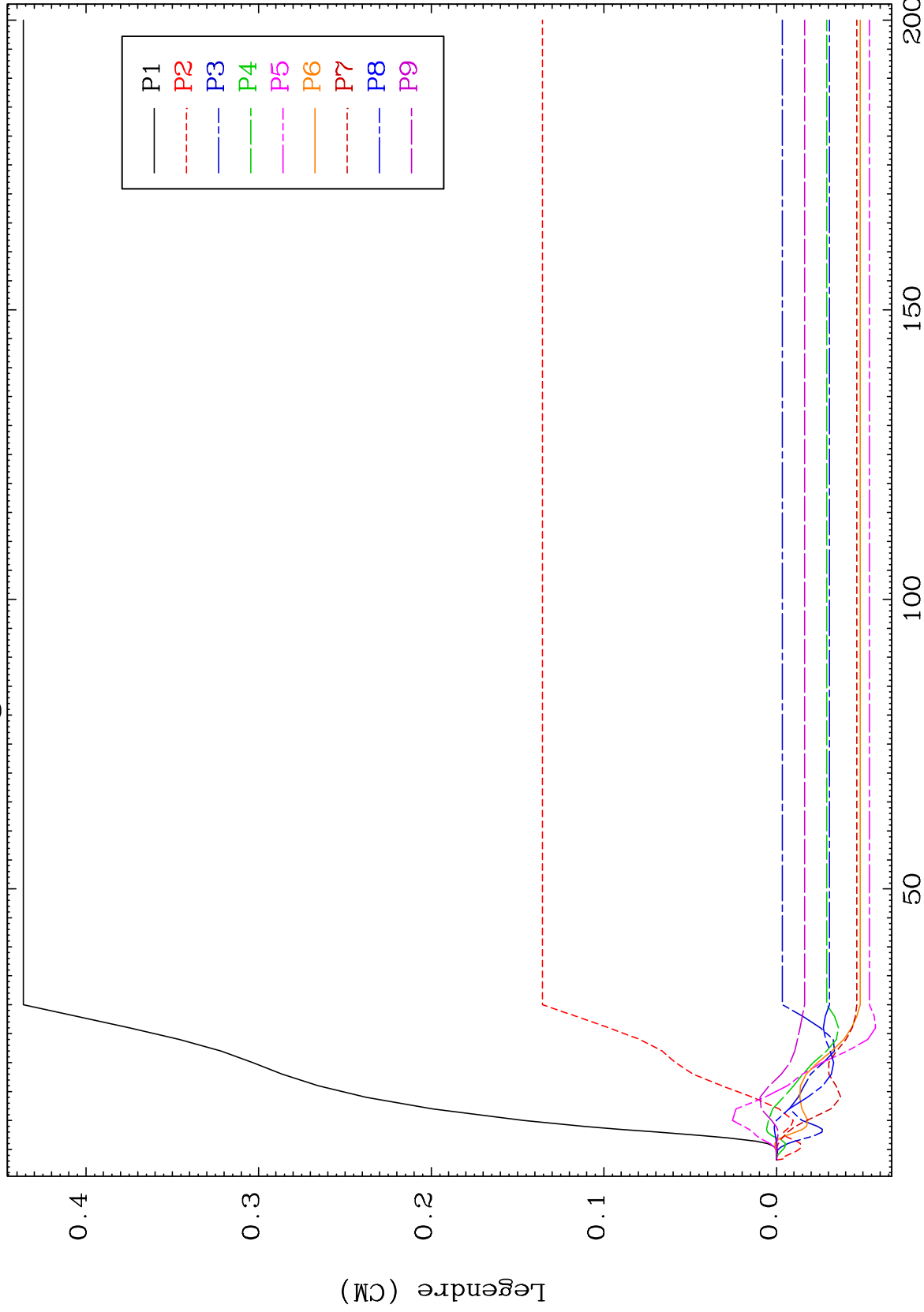
Incident Energy (MeV)

93

MAT 5207

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

52-Te-114



94

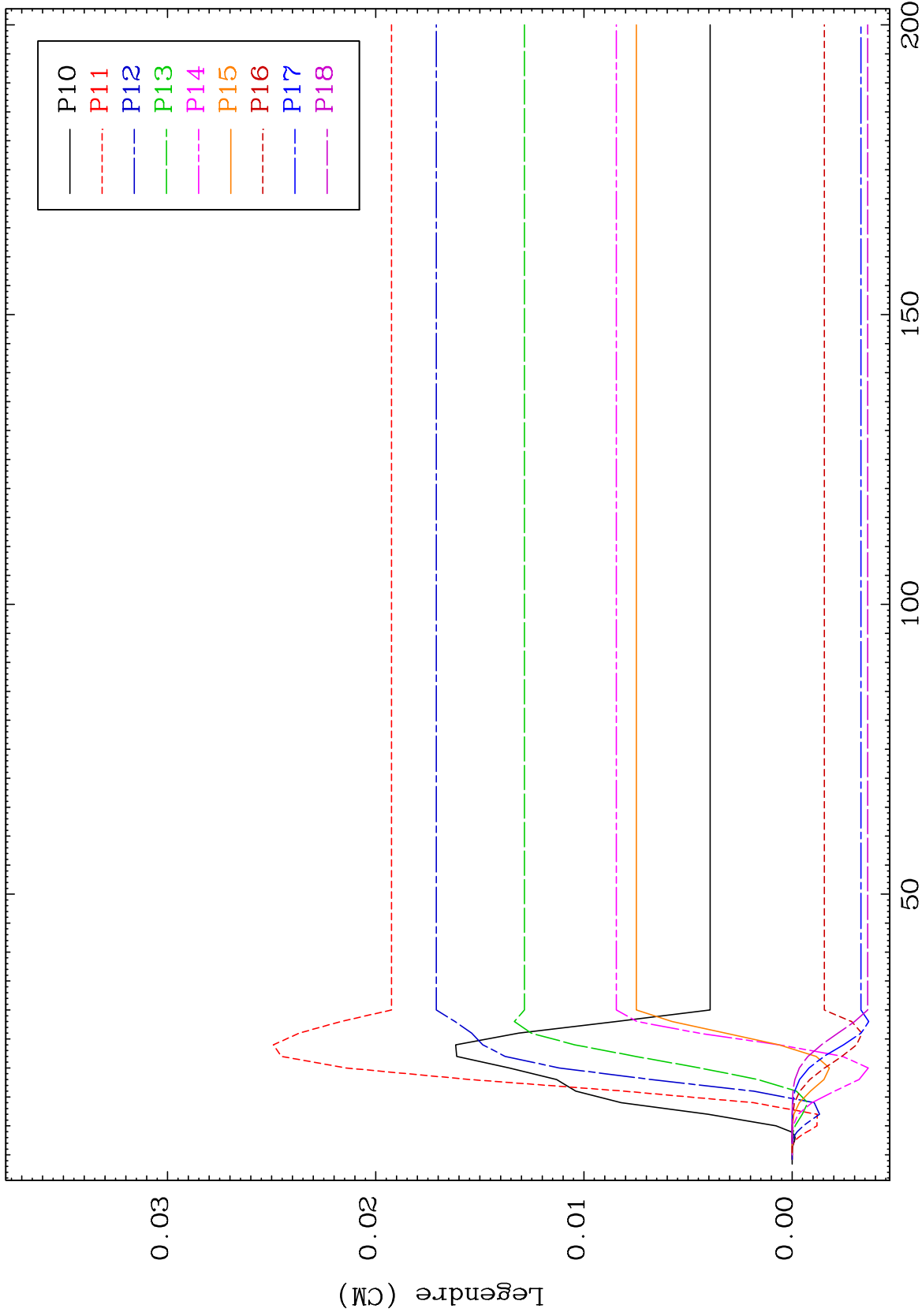
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



95

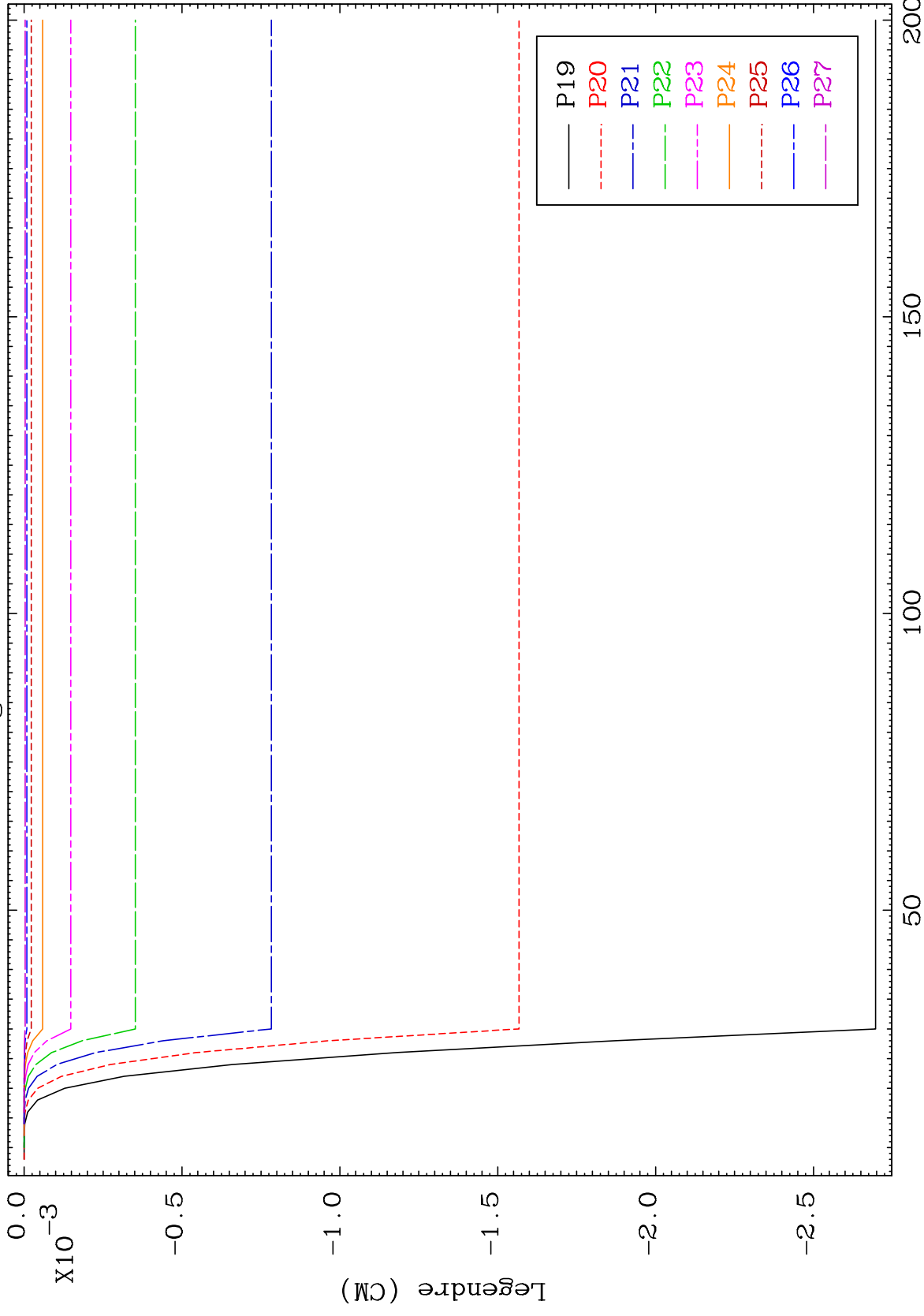
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



52-Te-114

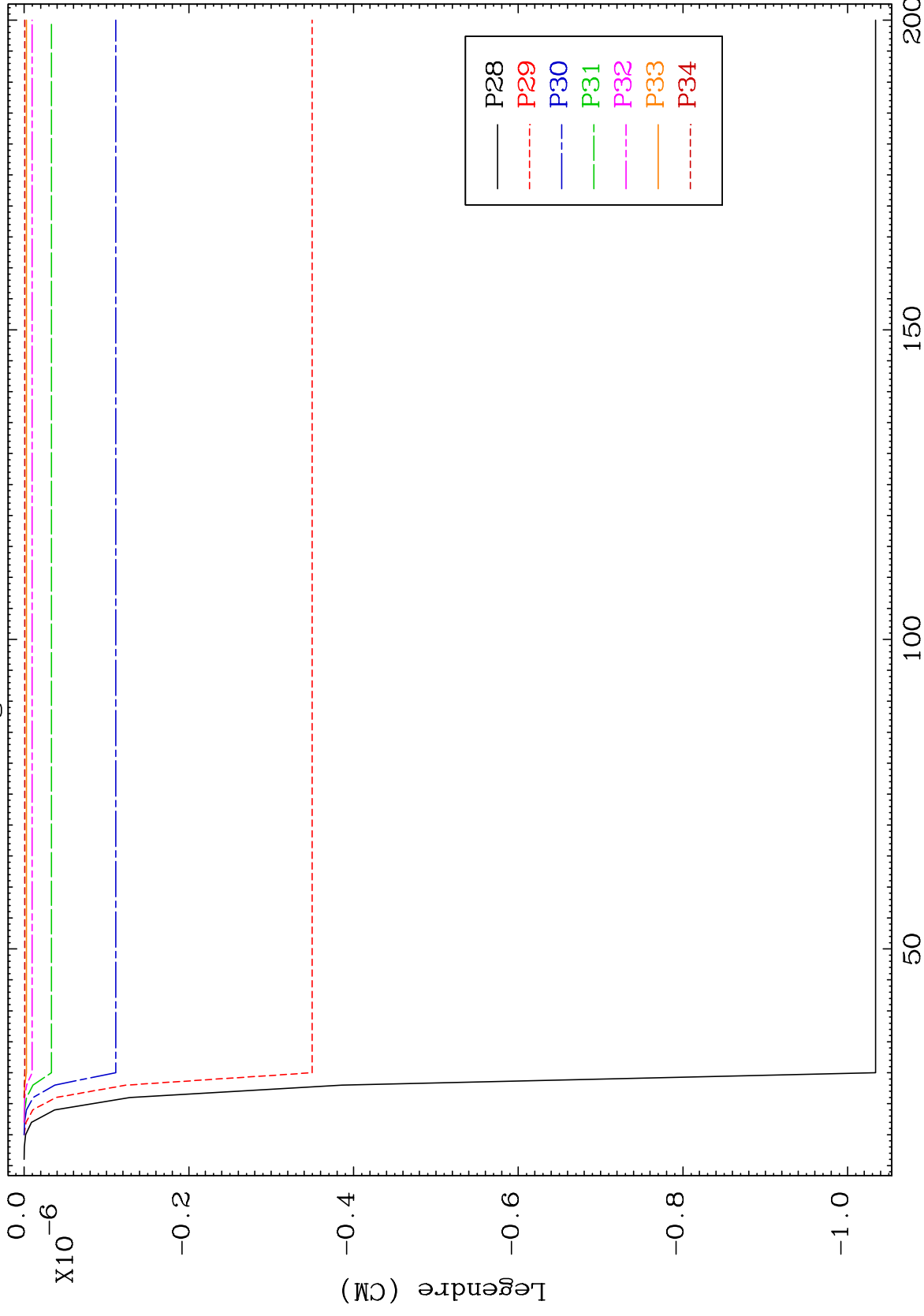
Incident Energy (MeV)

96

MAT 5207

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

52-Te-114



52-Te-114

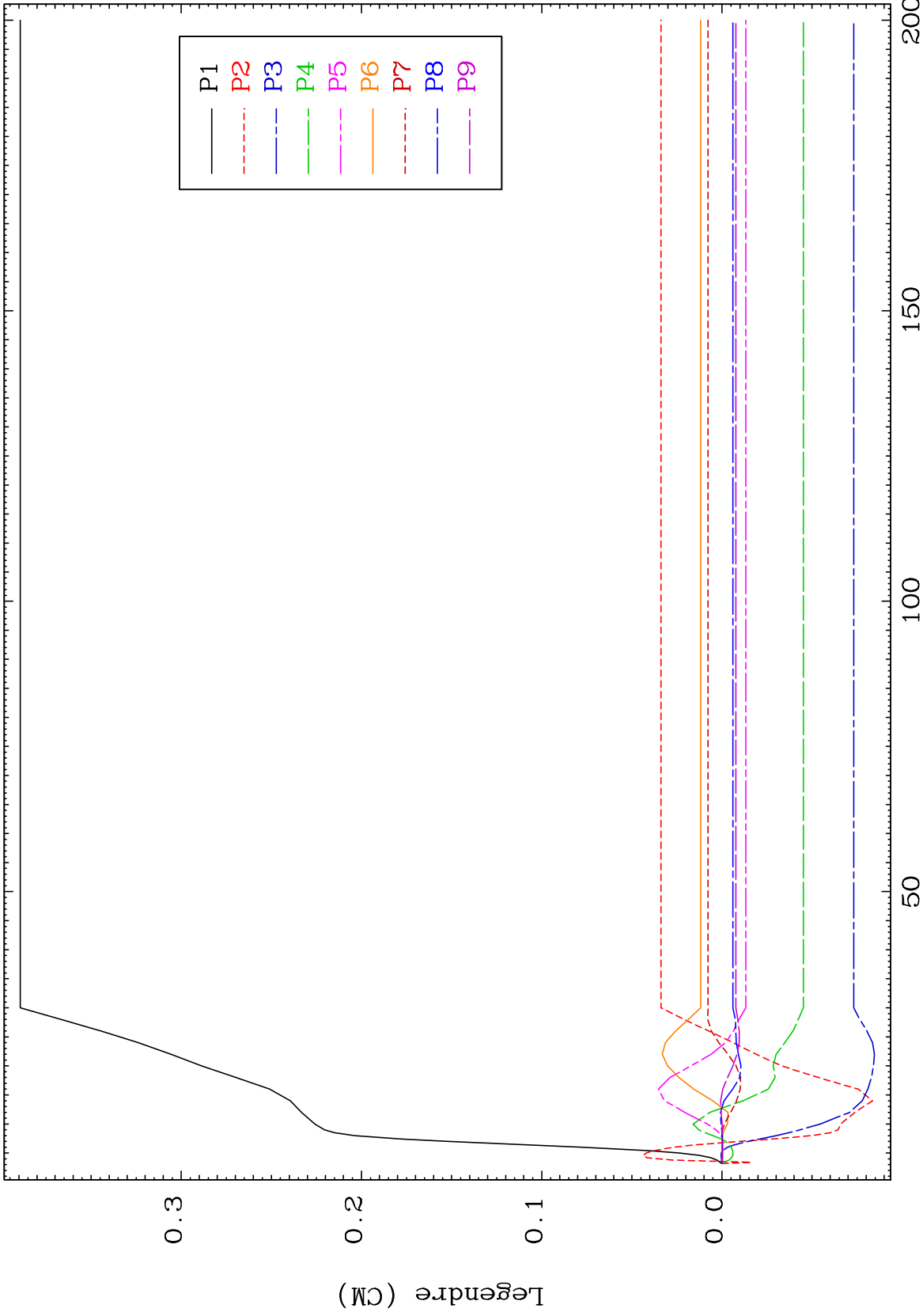
Incident Energy (MeV)

97

MAT 5207

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

52-Te-114



98

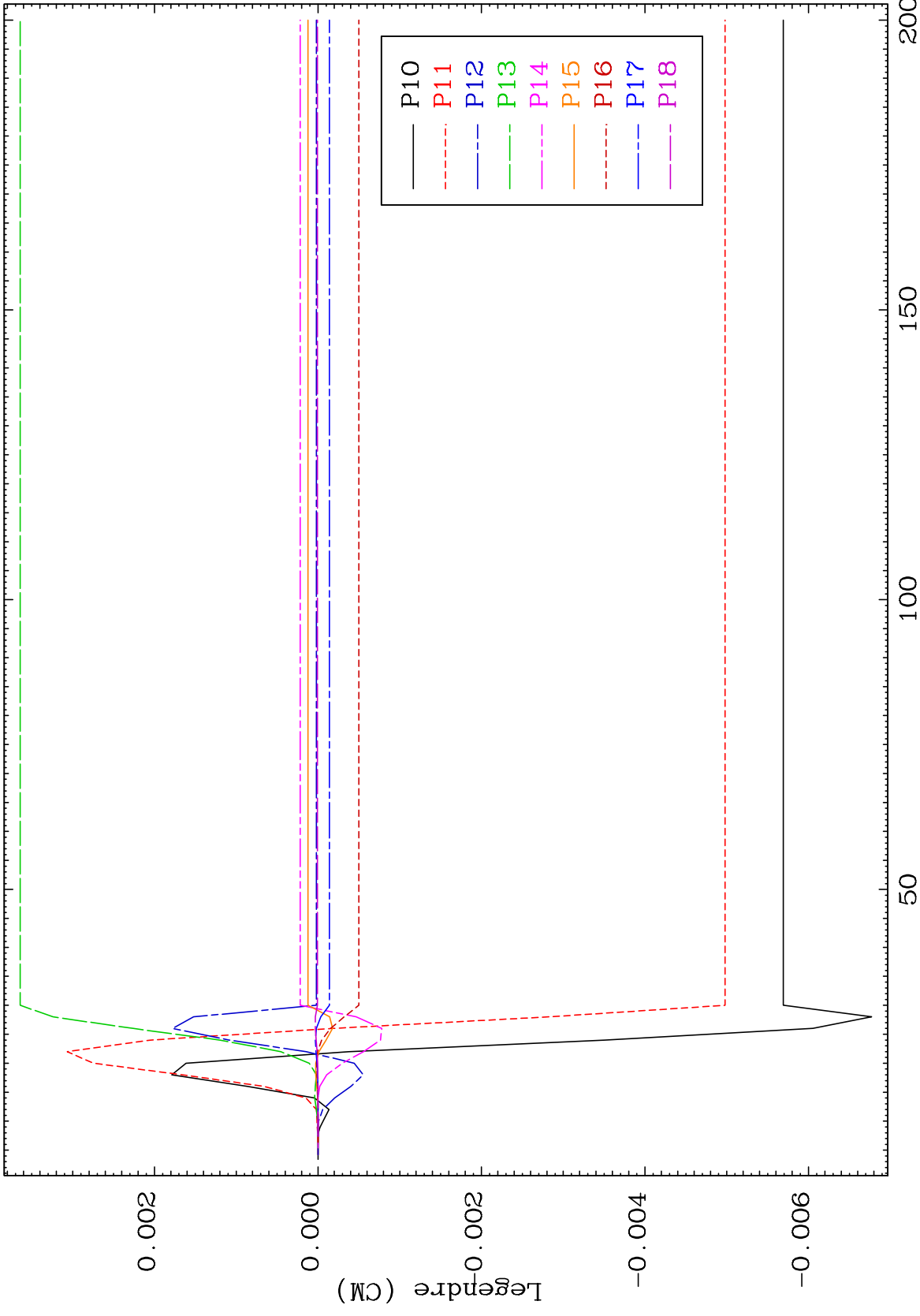
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114



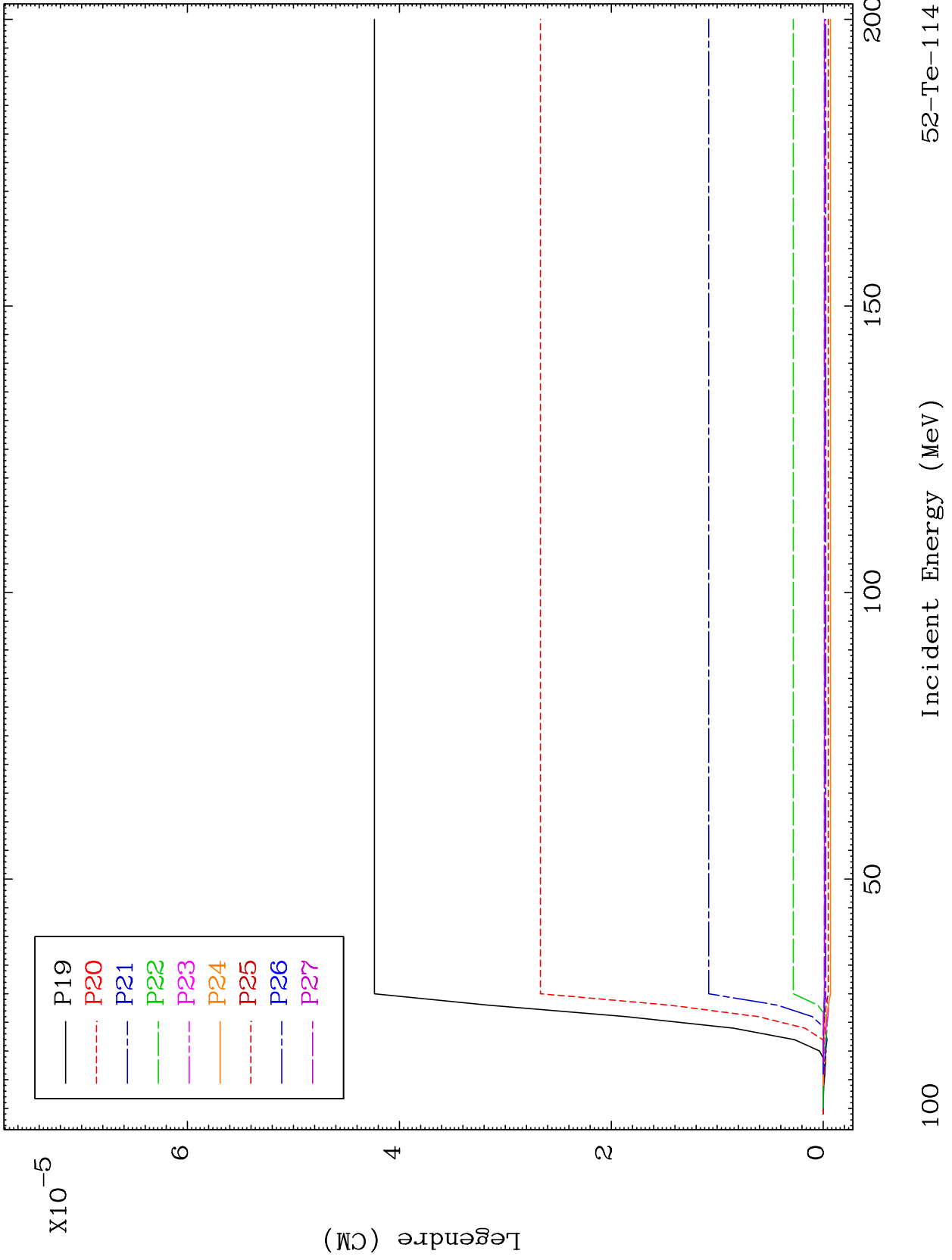
99

52-Te-114

MAT 5207

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

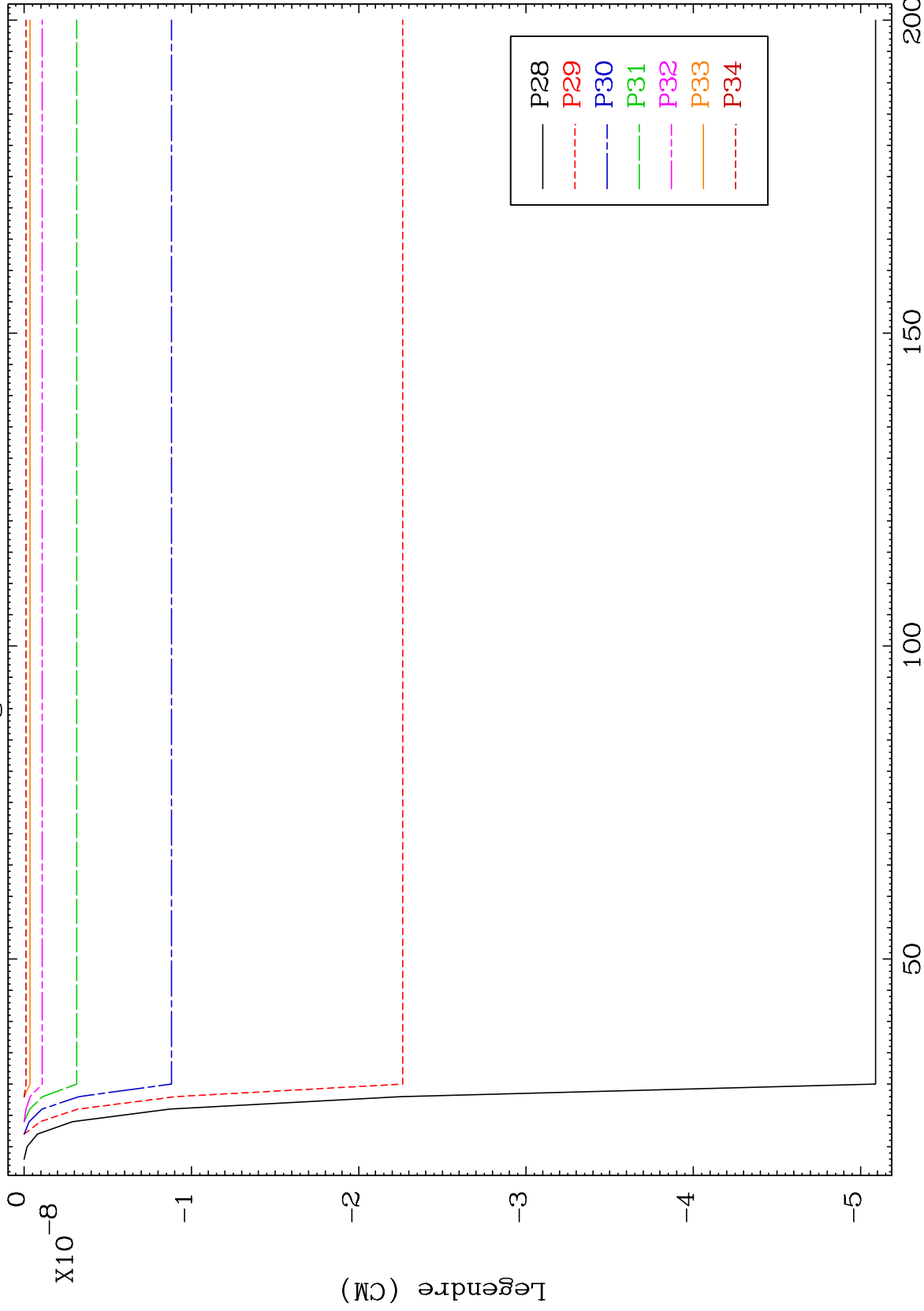
52-Te-114



MAT 5207

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

52-Te-114



52-Te-114

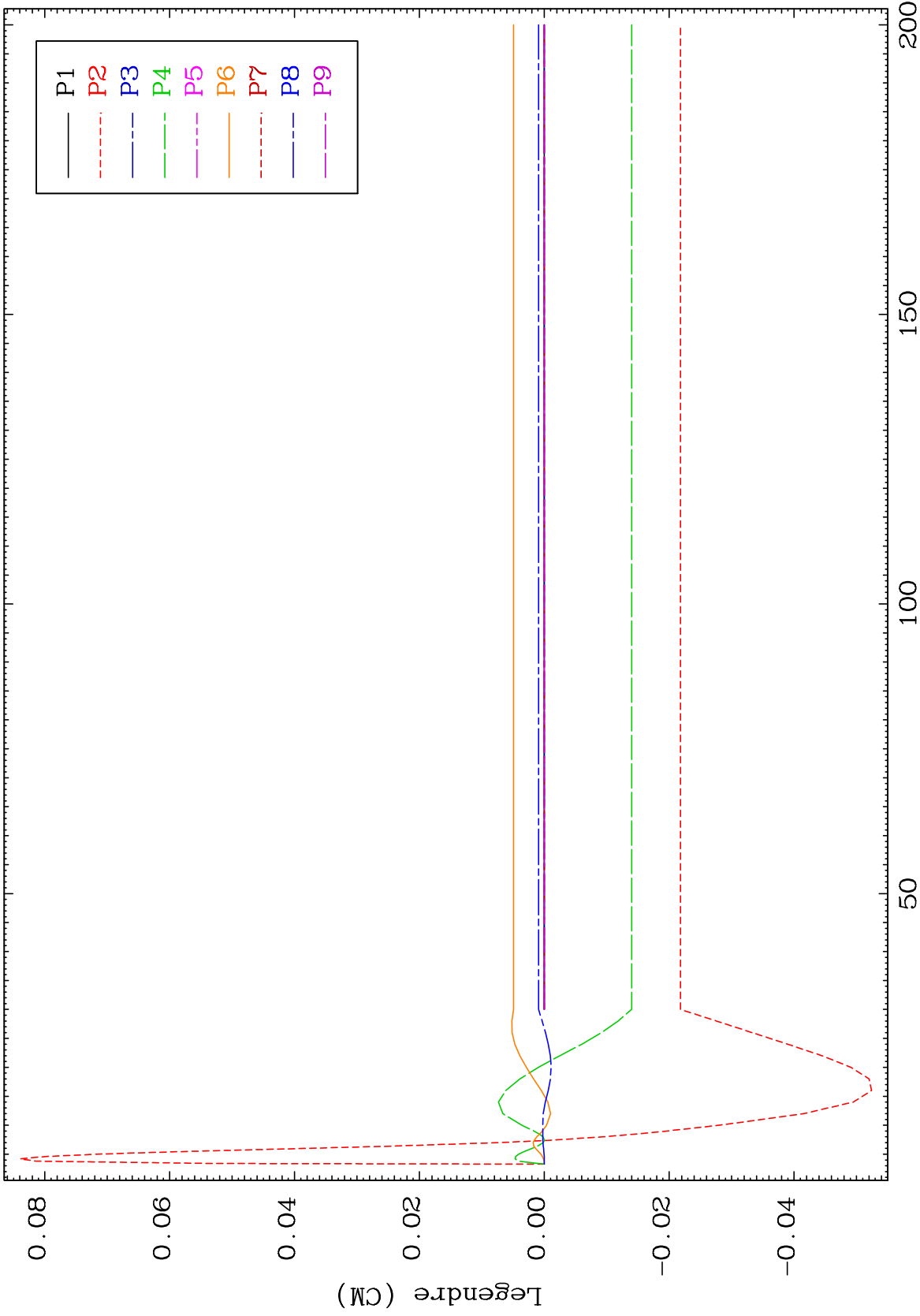
Incident Energy (MeV)

101

MAT 5207

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

52-Te-114



102

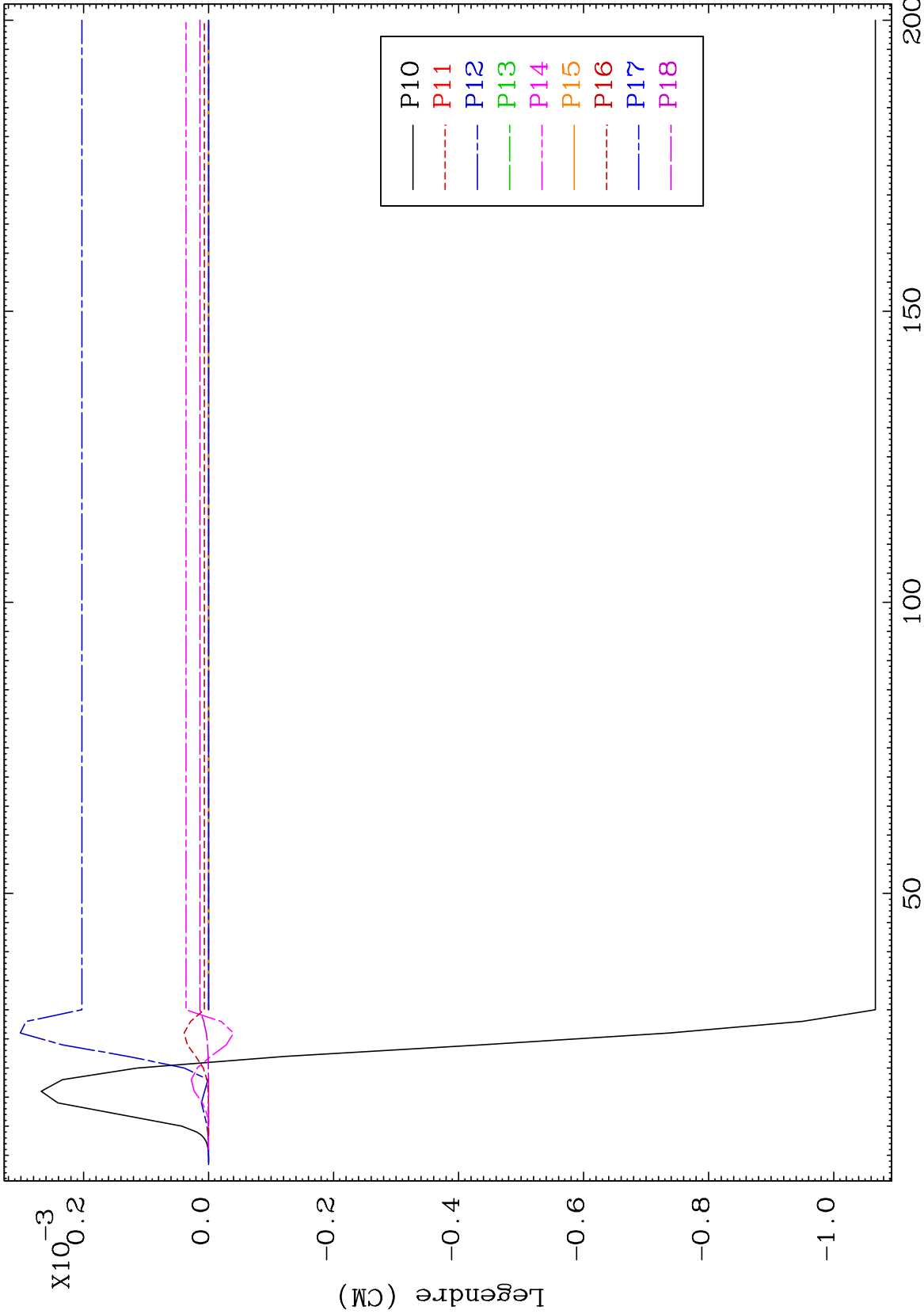
Incident Energy (MeV)

52-Te-114

MAT 5207

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

52-Te-114

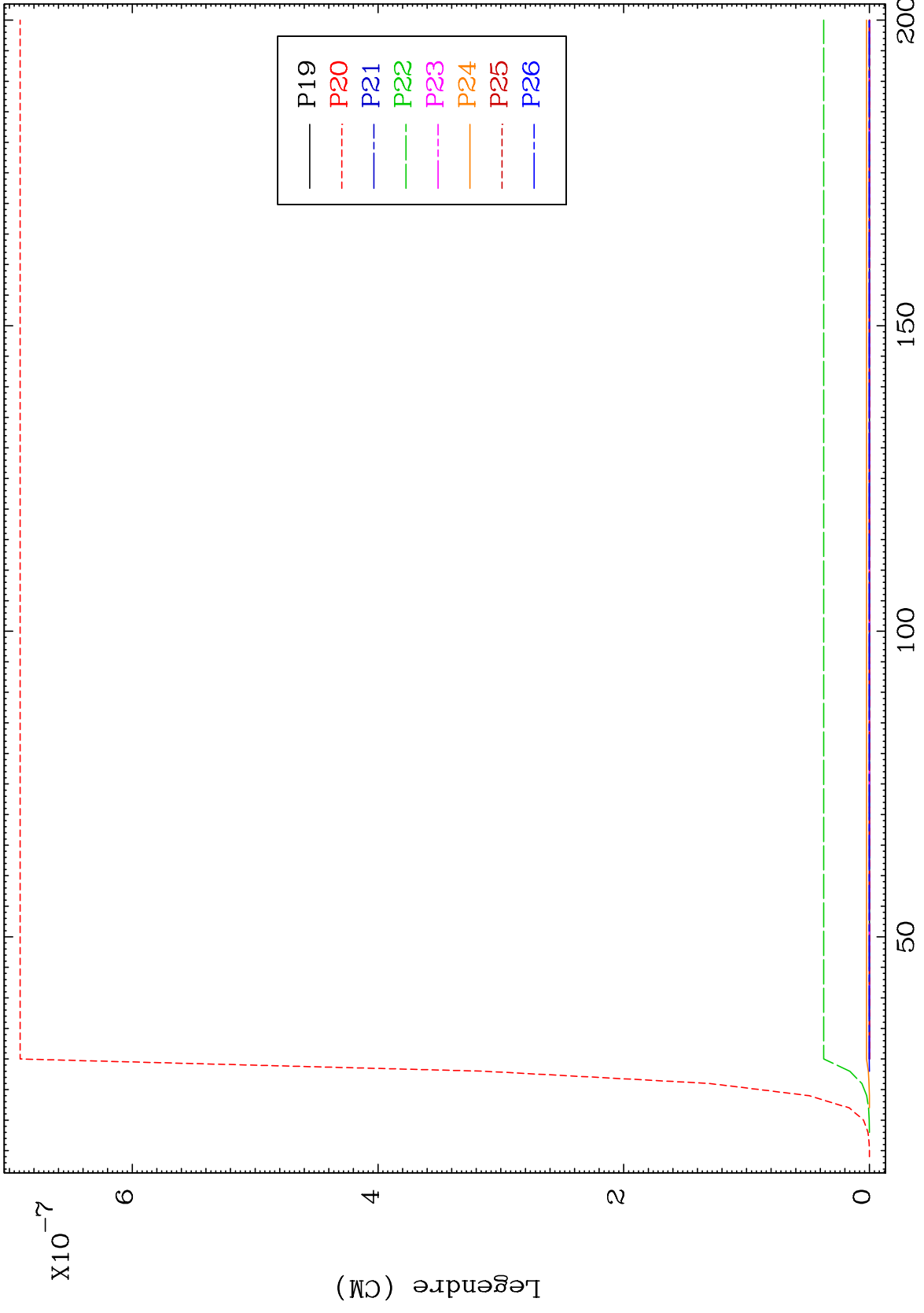


103

Incident Energy (MeV)

52-Te-114

MAT 5207 MT= 73 (n,n') Level Legendre Coefficients 52-Te-114

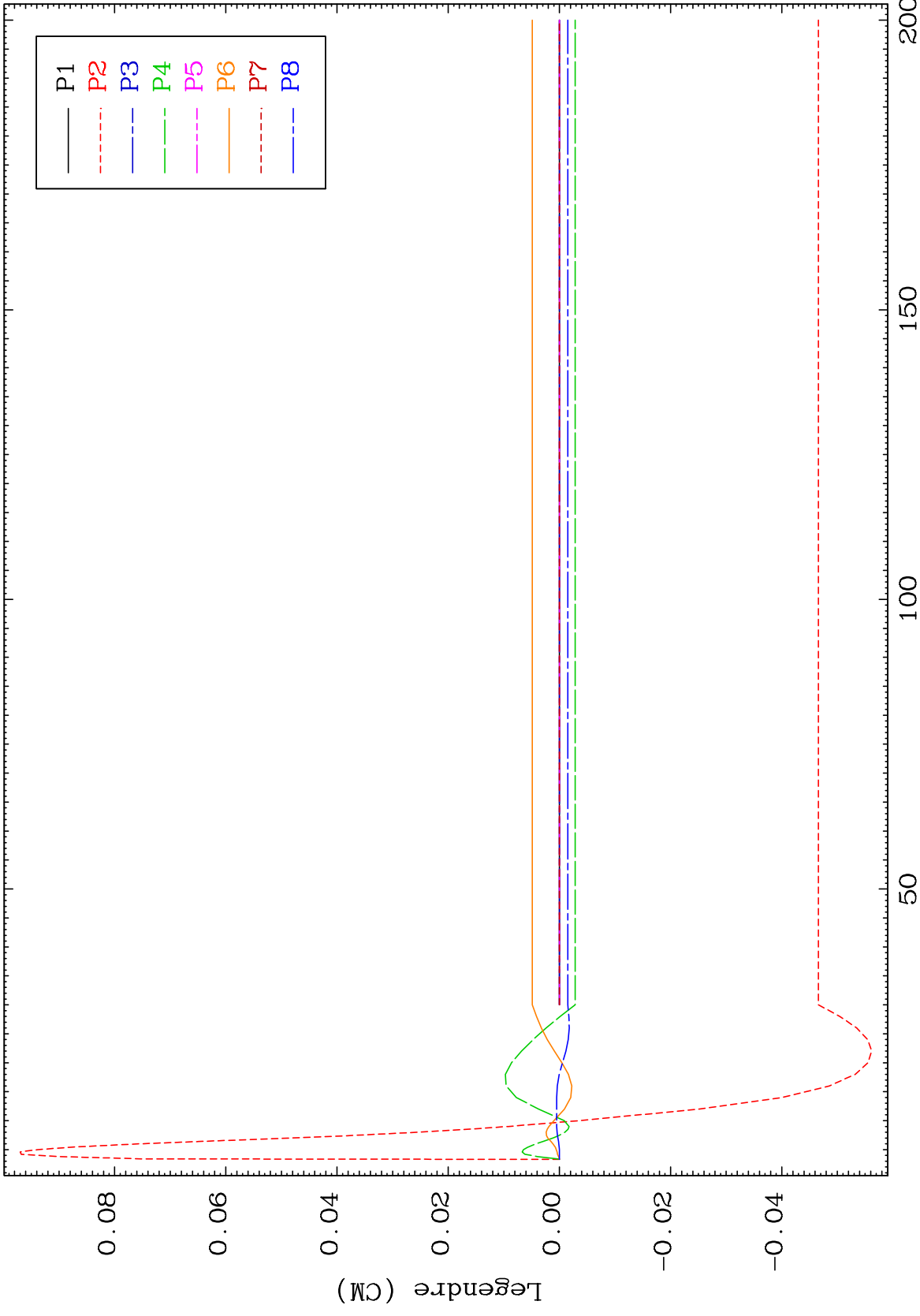


104 50 150 200 Incident Energy (MeV) 52-Te-114

MAT 5207

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

52-Te-114



52-Te-114

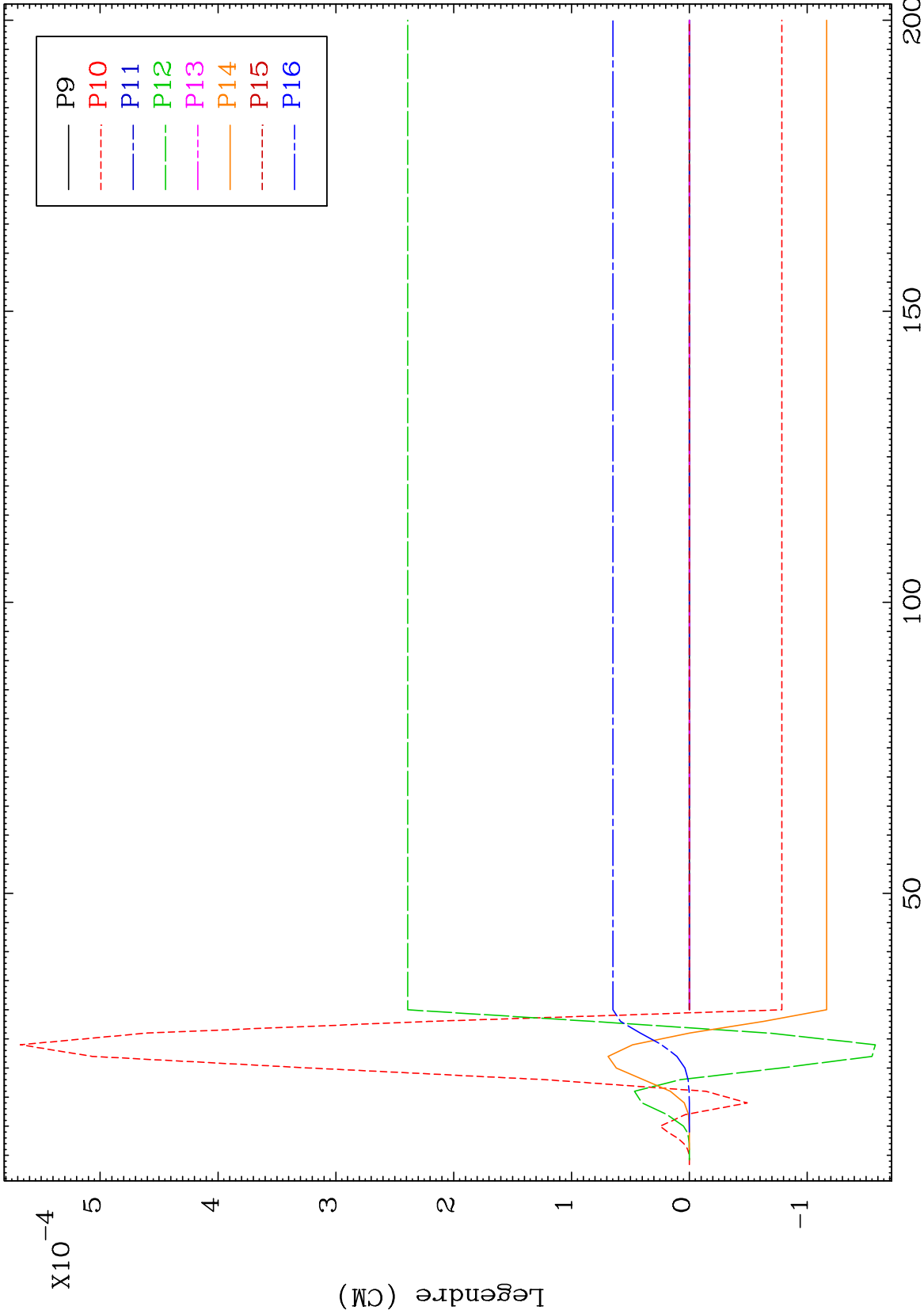
Incident Energy (MeV)

105

MAT 5207

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

52-Te-114

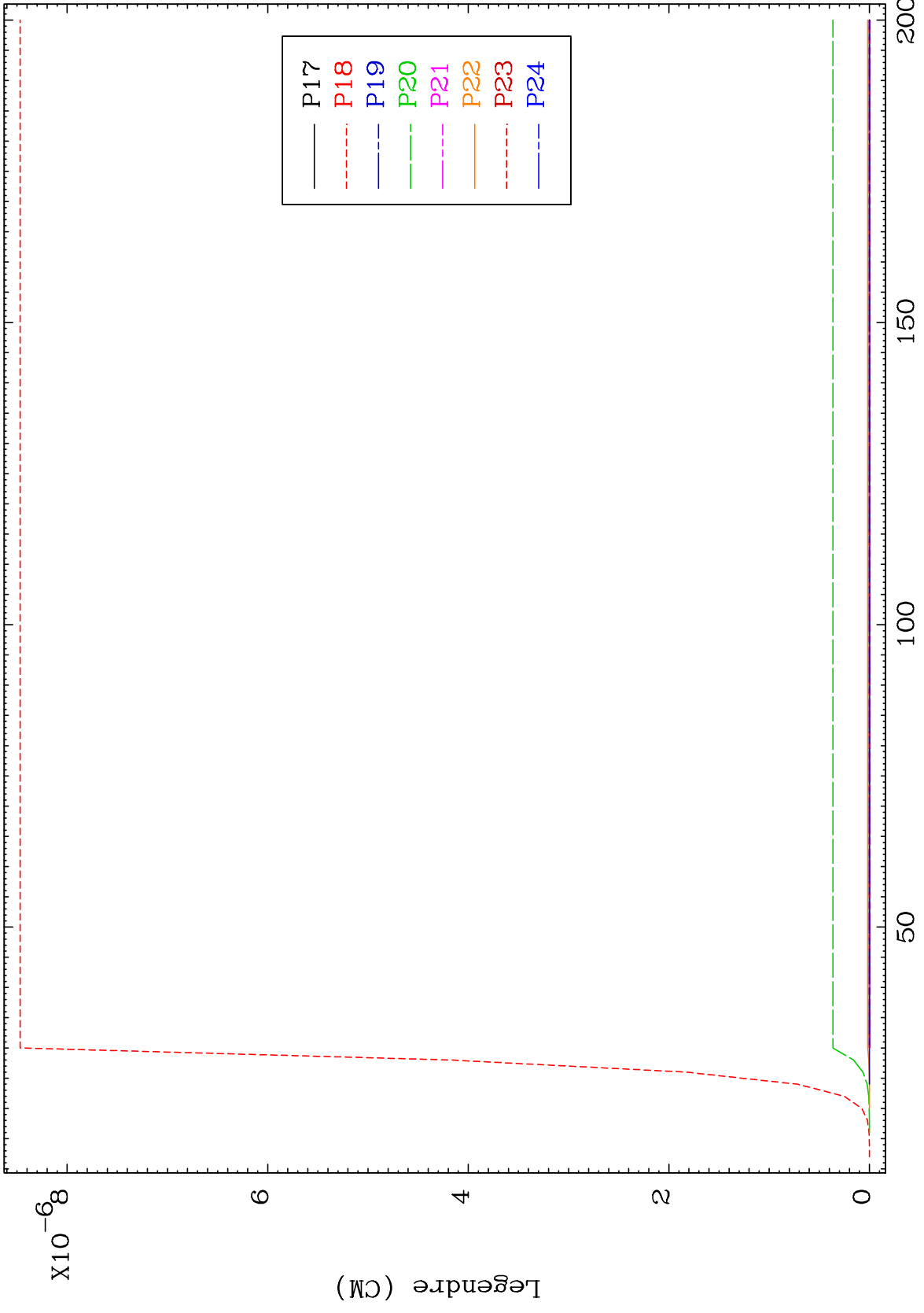


106

Incident Energy (MeV)

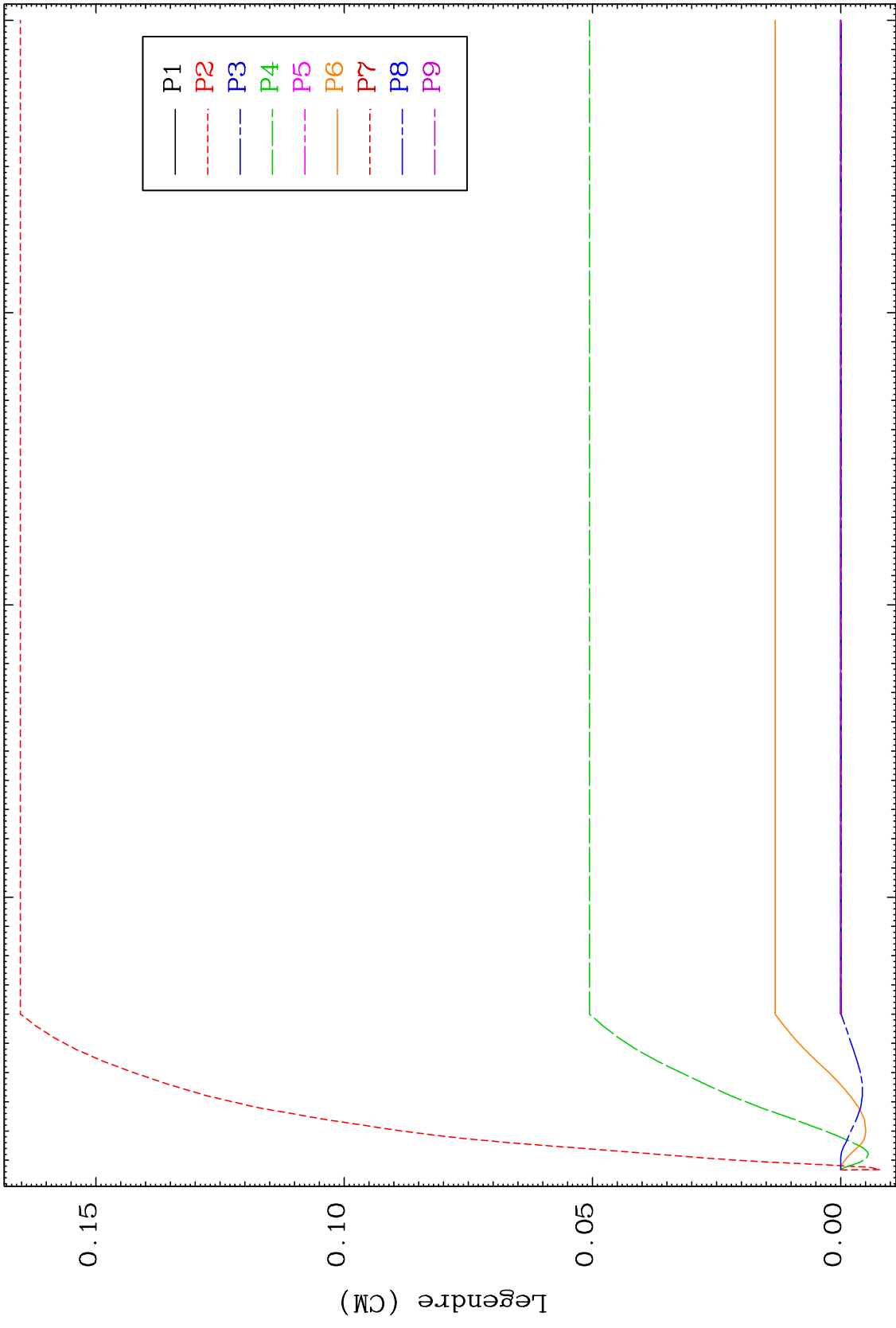
52-Te-114

MAT 5207 MT= 74 (n,n') Level Legendre Coefficients 52-Te-114



107 Incident Energy (MeV) 52-Te-114

MAT 5207 MT= 75 (n,n') Level Legendre Coefficients 52-Te-114

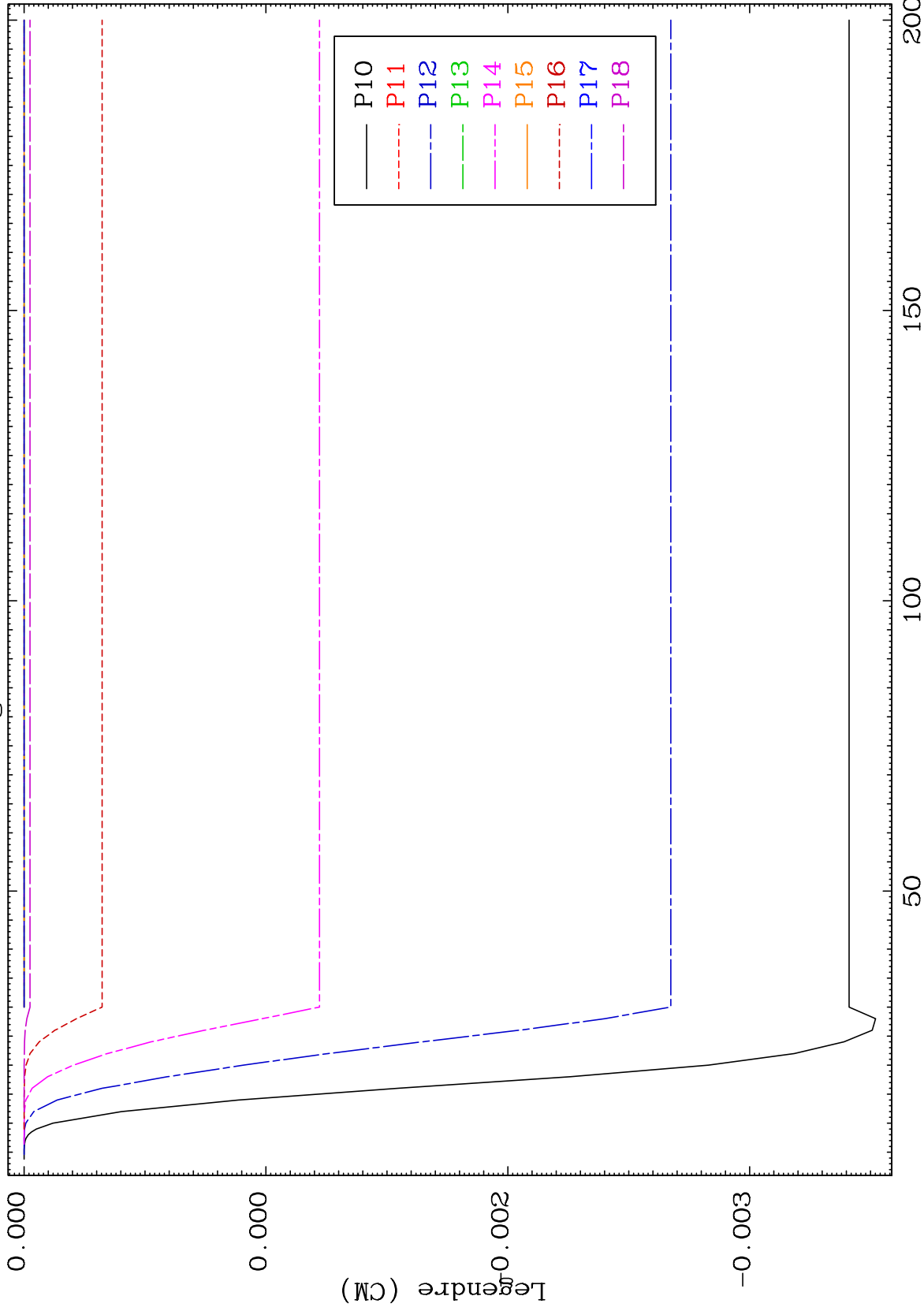


108 Incident Energy (MeV) 52-Te-114

MAT 5207

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

52-Te-114

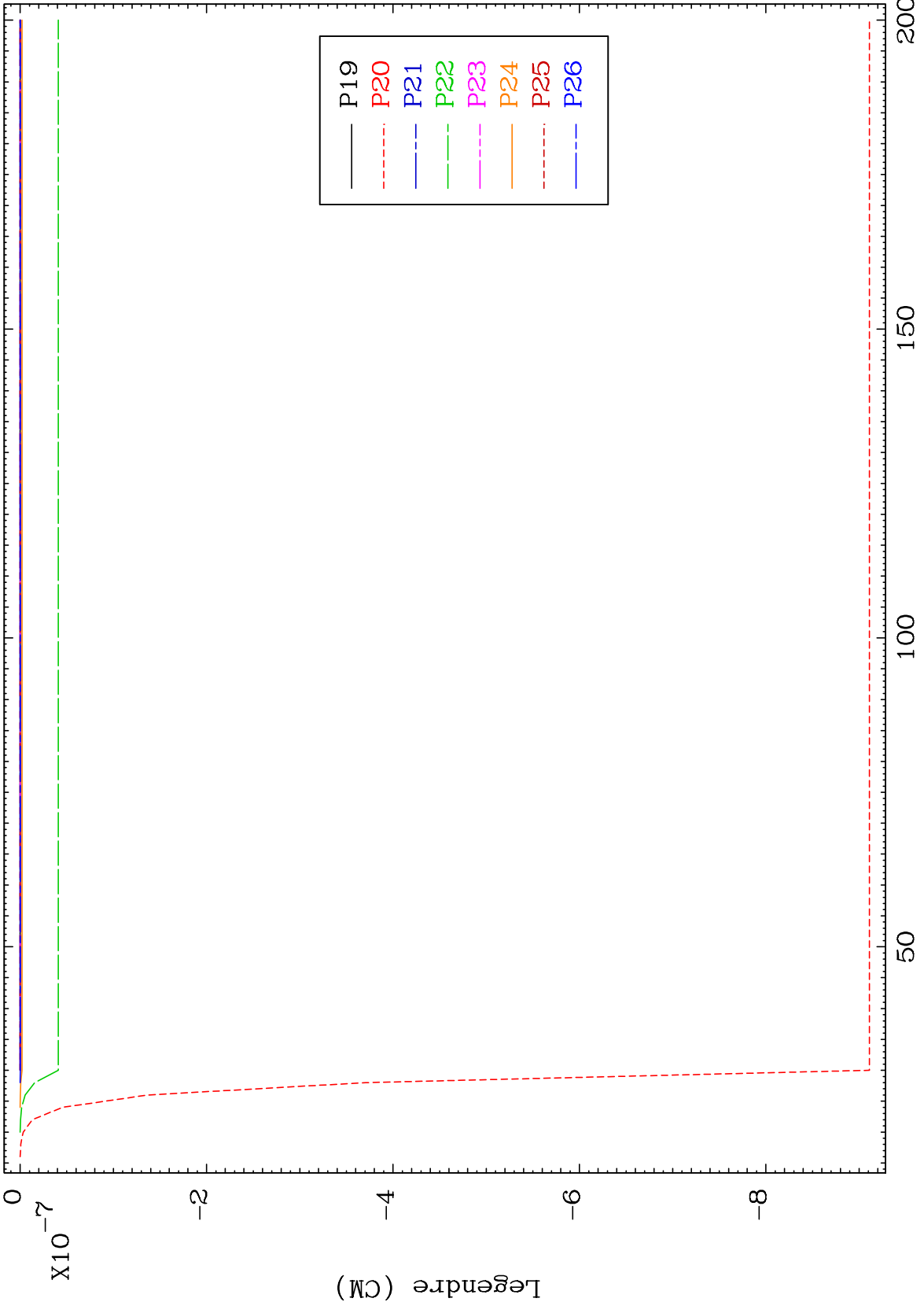


109

Incident Energy (MeV)

52-Te-114

MAT 5207 MT= 75 (n,n') Level Legendre Coefficients 52-Te-114

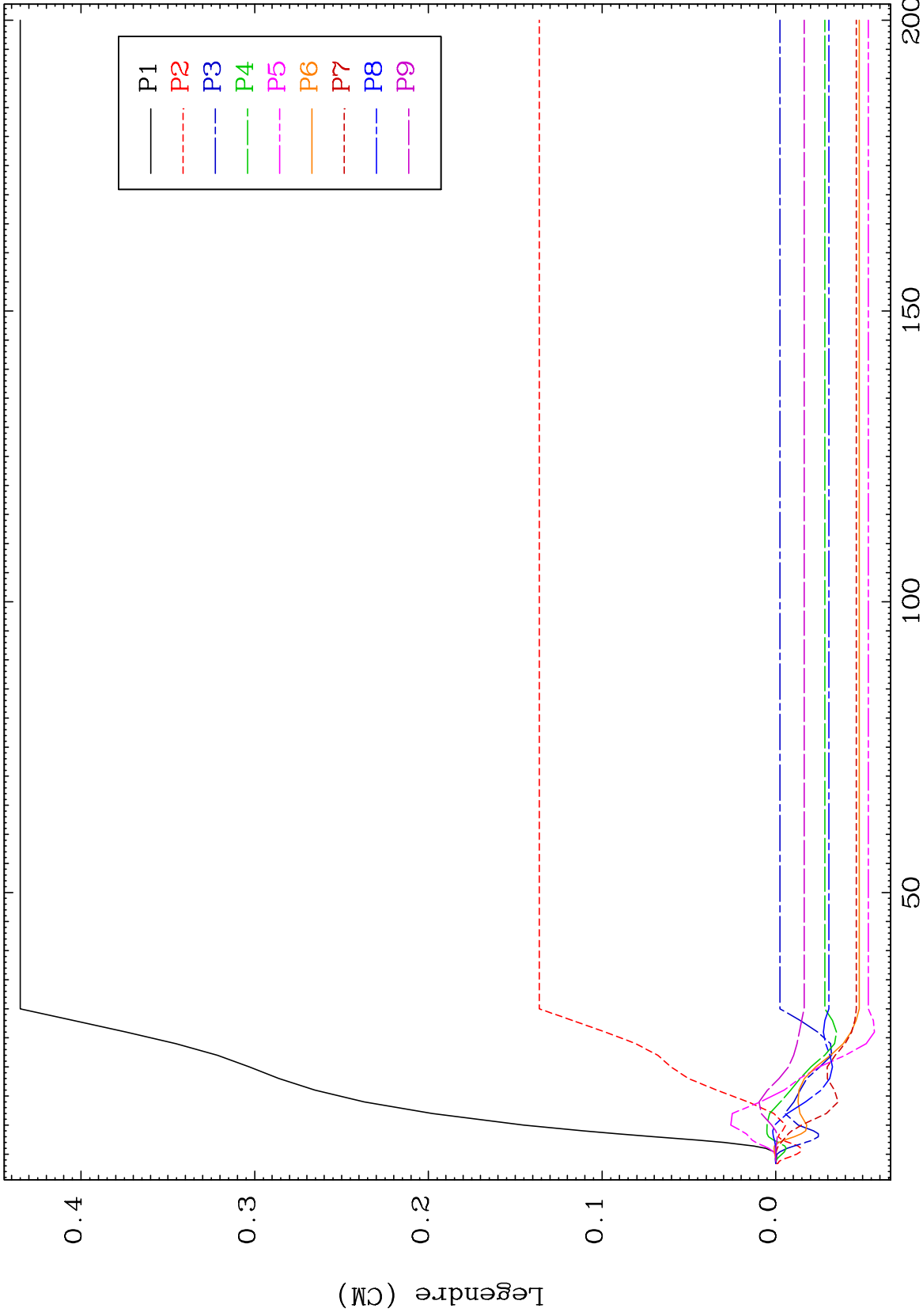


110 Incident Energy (MeV) 52-Te-114

MAT 5207

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

52-Te-114

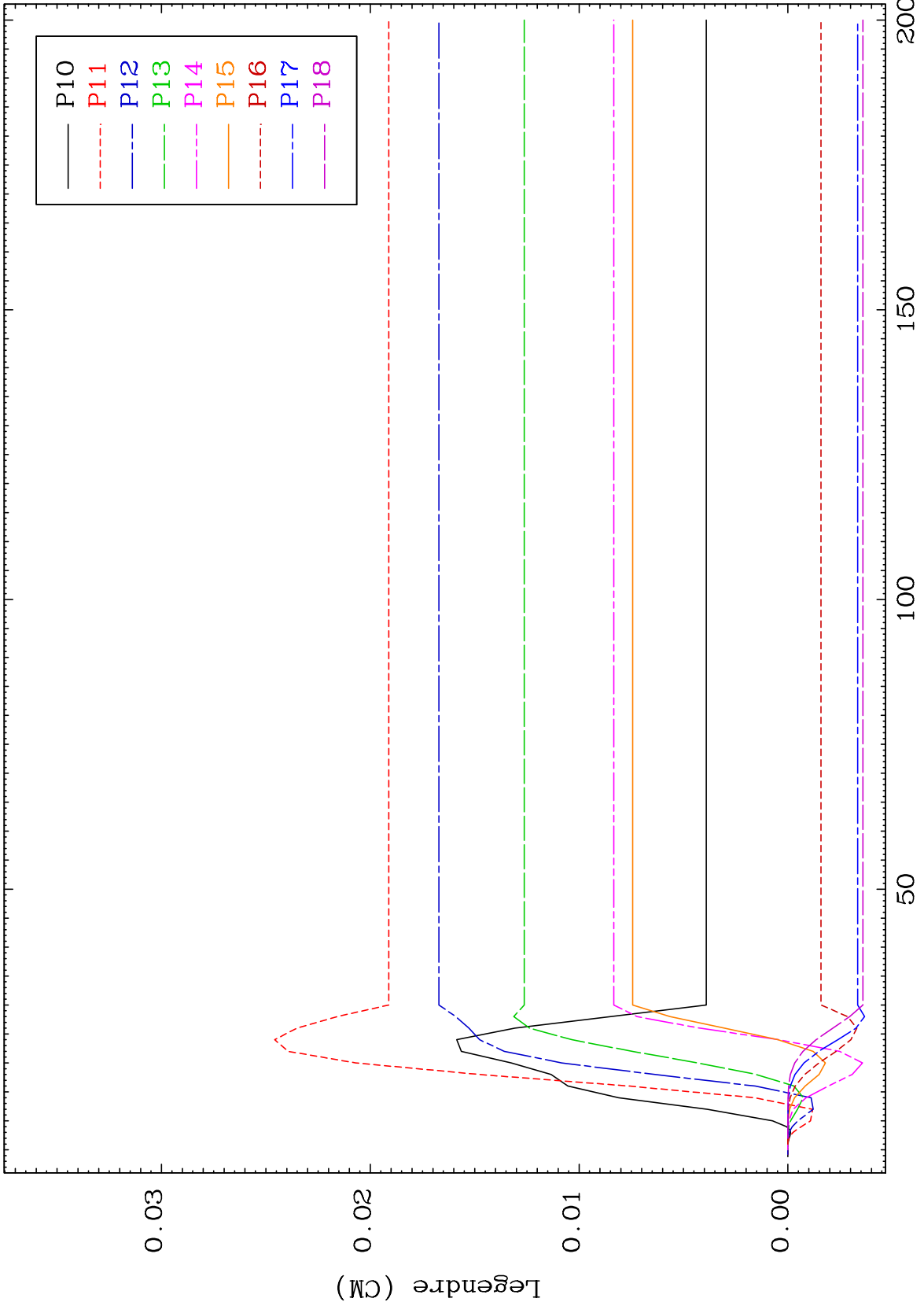


111

Incident Energy (MeV)

52-Te-114

MAT 5207 MT= 76 (n,n') Level Legendre Coefficients 52-Te-114

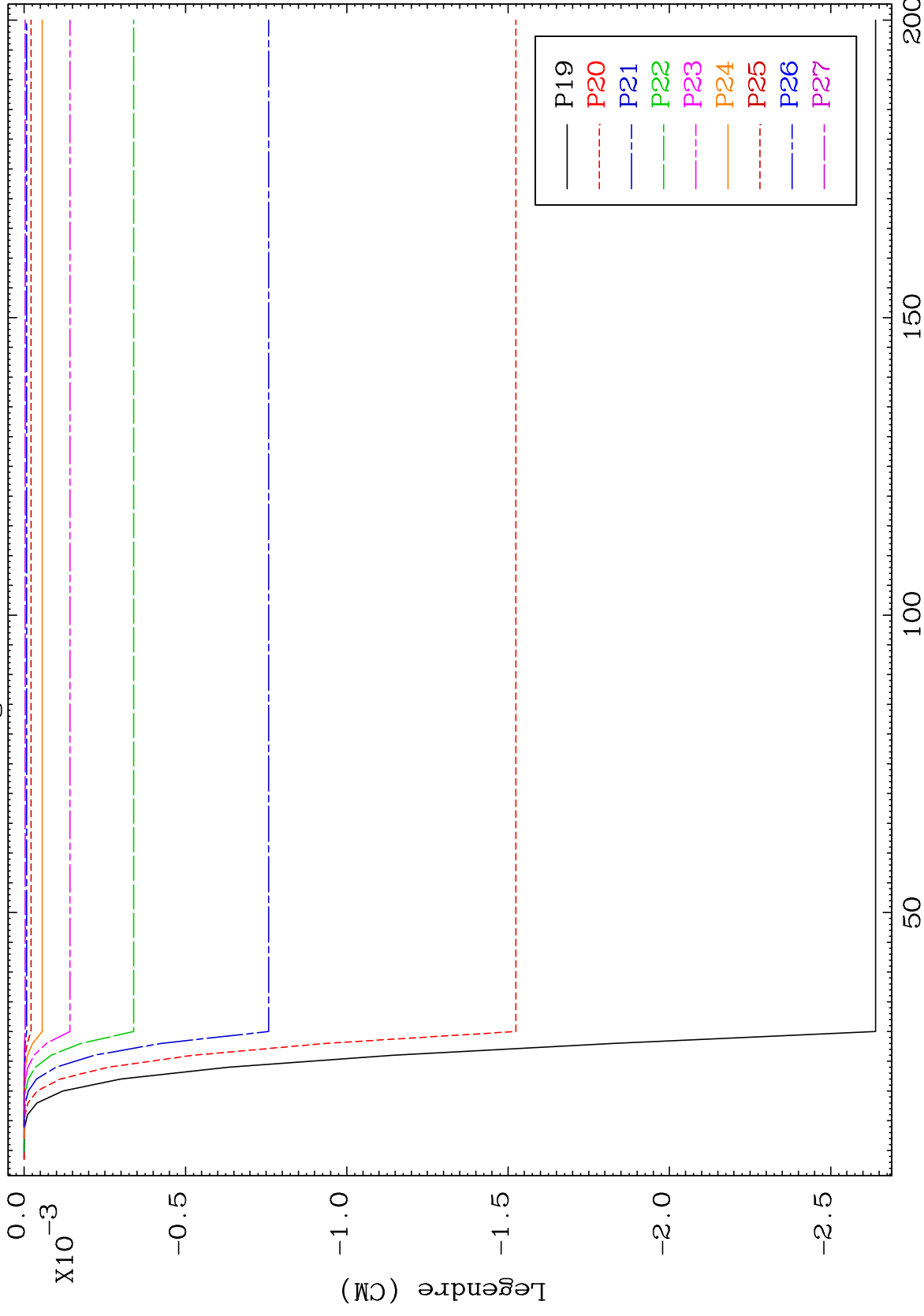


112 Incident Energy (MeV) 52-Te-114

MAT 5207

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

52-Te-114

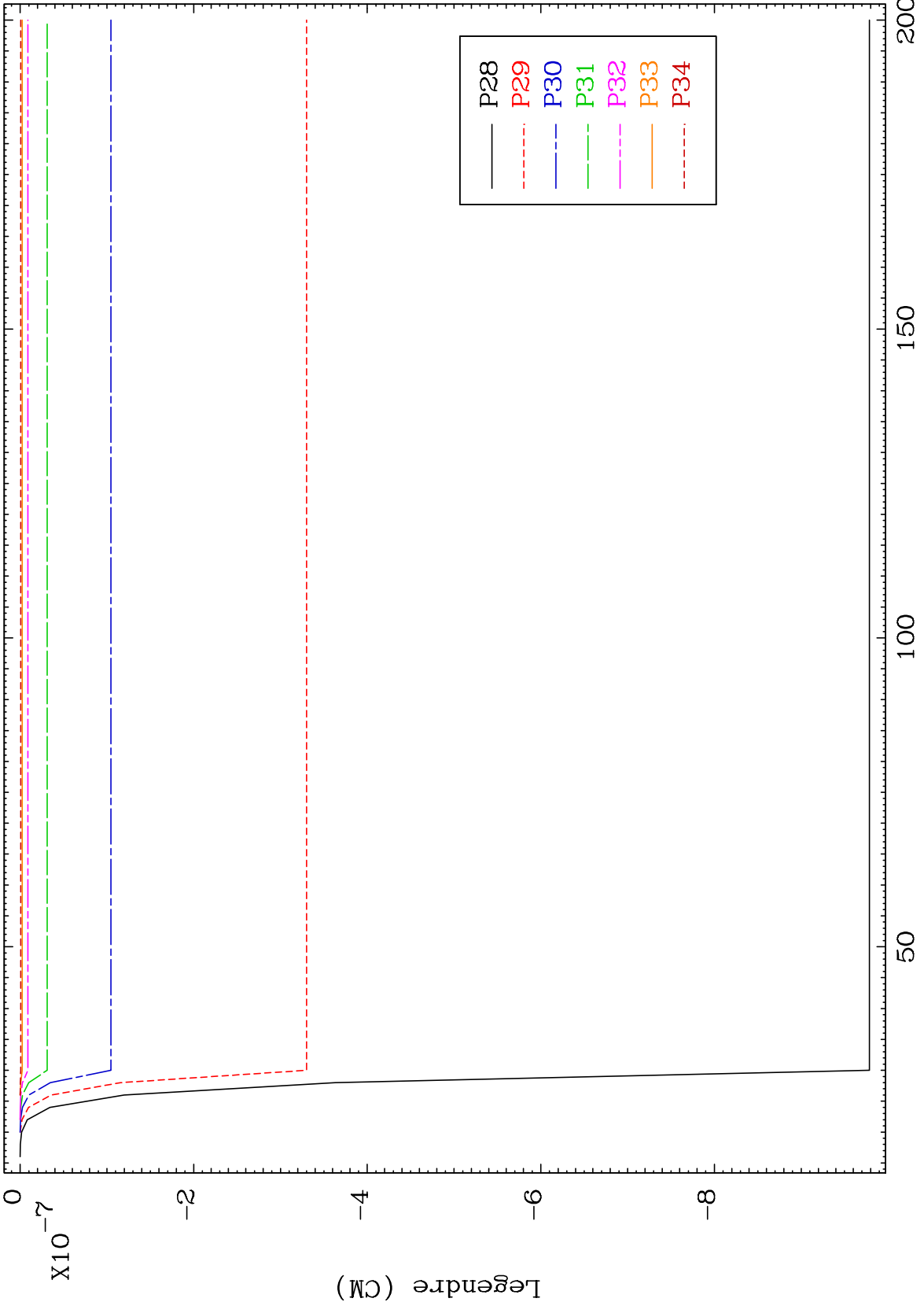


52-Te-114

Incident Energy (MeV)

113

MAT 5207 MT= 76 (n,n') Level Legendre Coefficients 52-Te-114

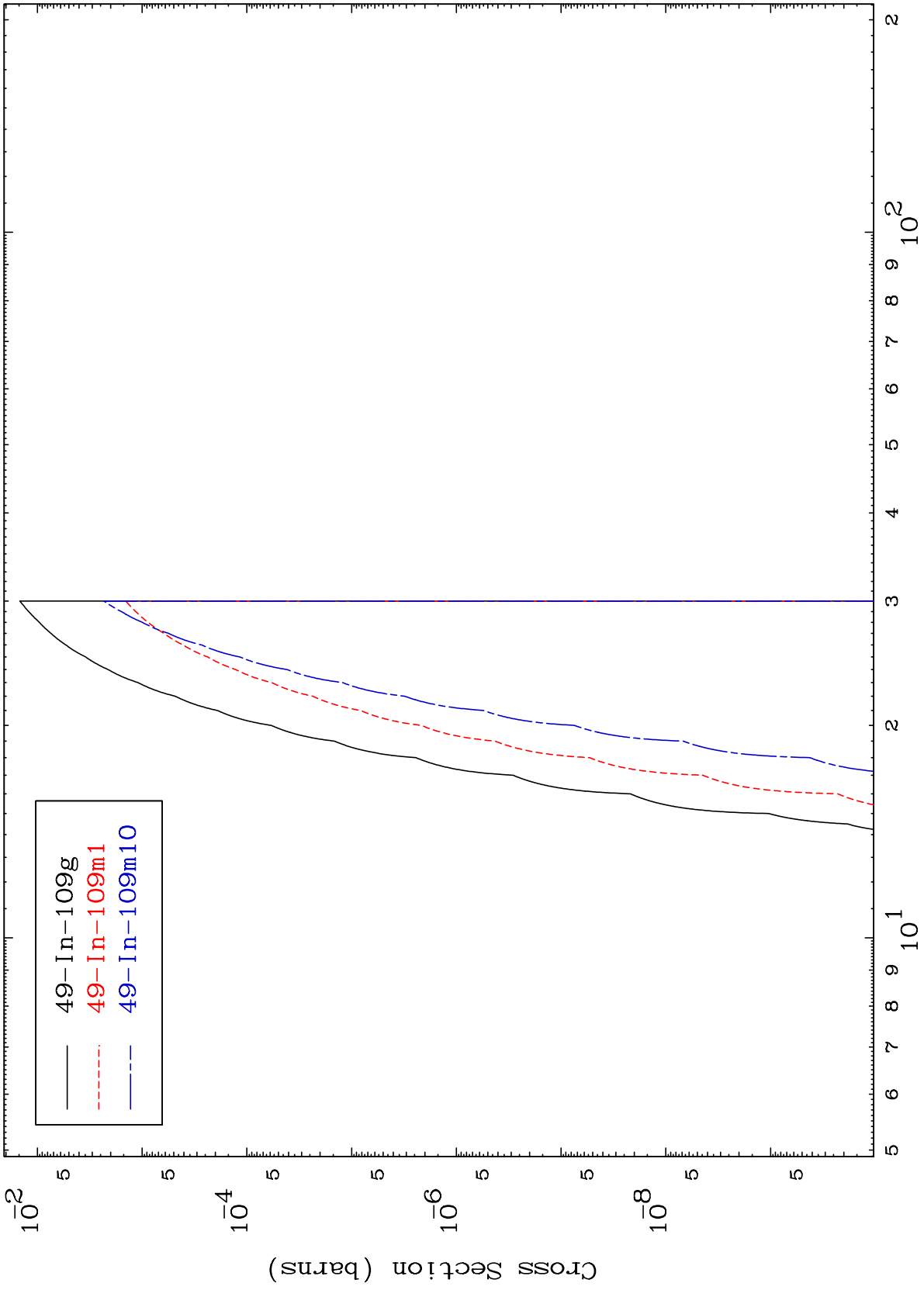


114 52-Te-114

MAT 5207

52-Te-114

(n,n') p α
Radionuclide Production Cross Section



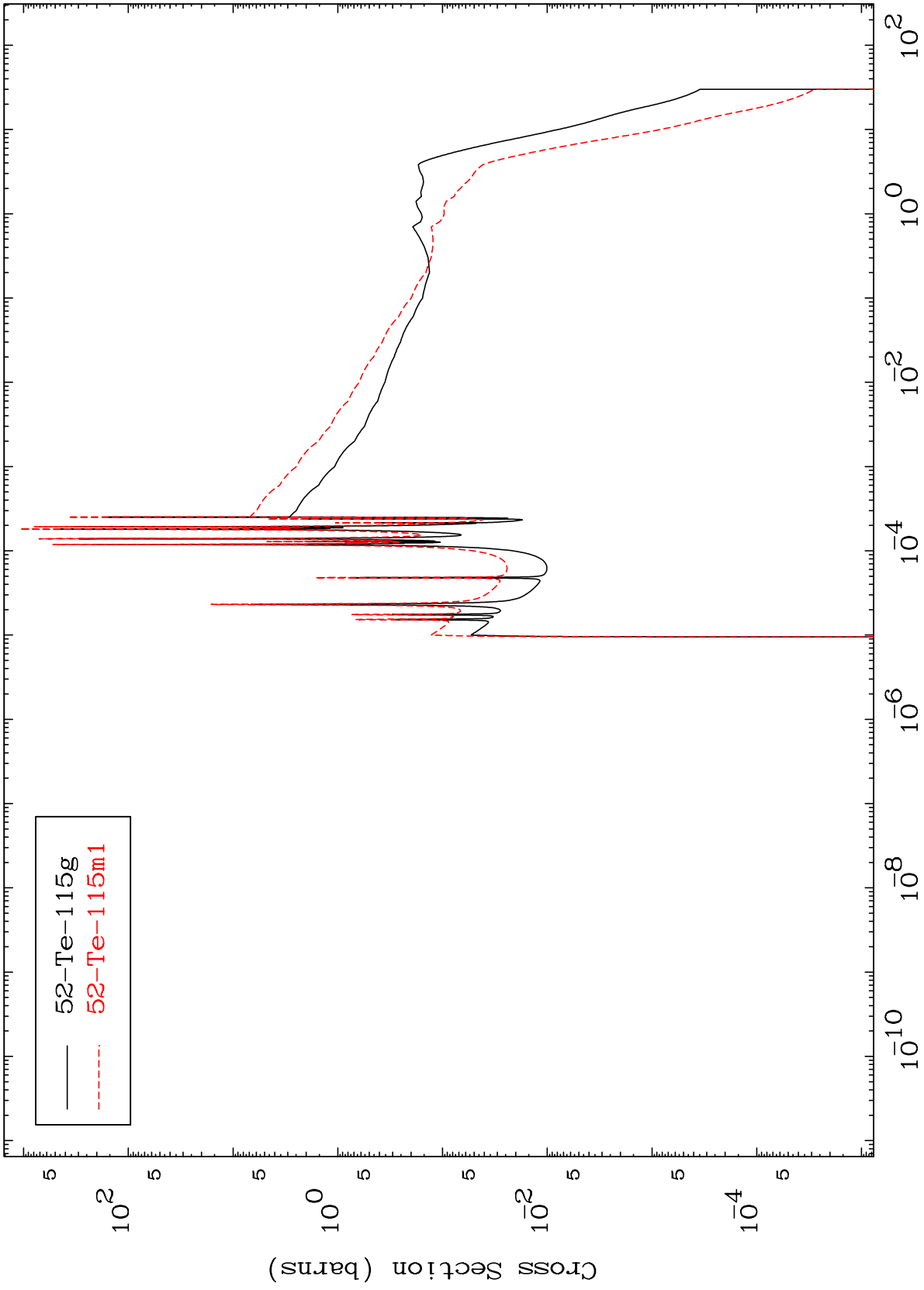
115

52-Te-114

MAT 5207

52-Te-114

(n,γ)
Radionuclide Production Cross Section



116

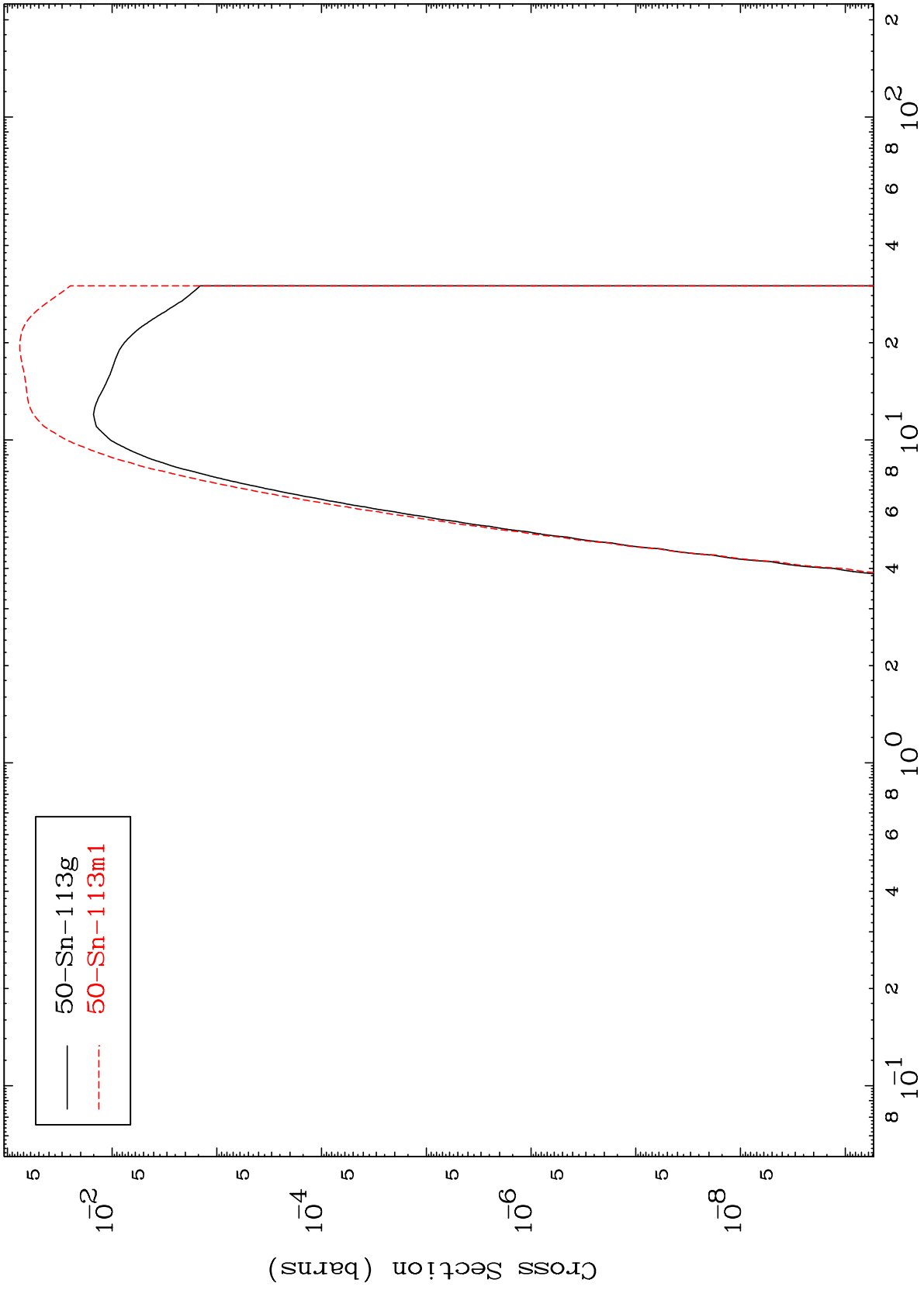
52-Te-114

MAT 5207

(n,2p)

52-Te-114

Radionuclide Production Cross Section



50-Sn-113g
50-Sn-113m1

117

Incident Energy (MeV)

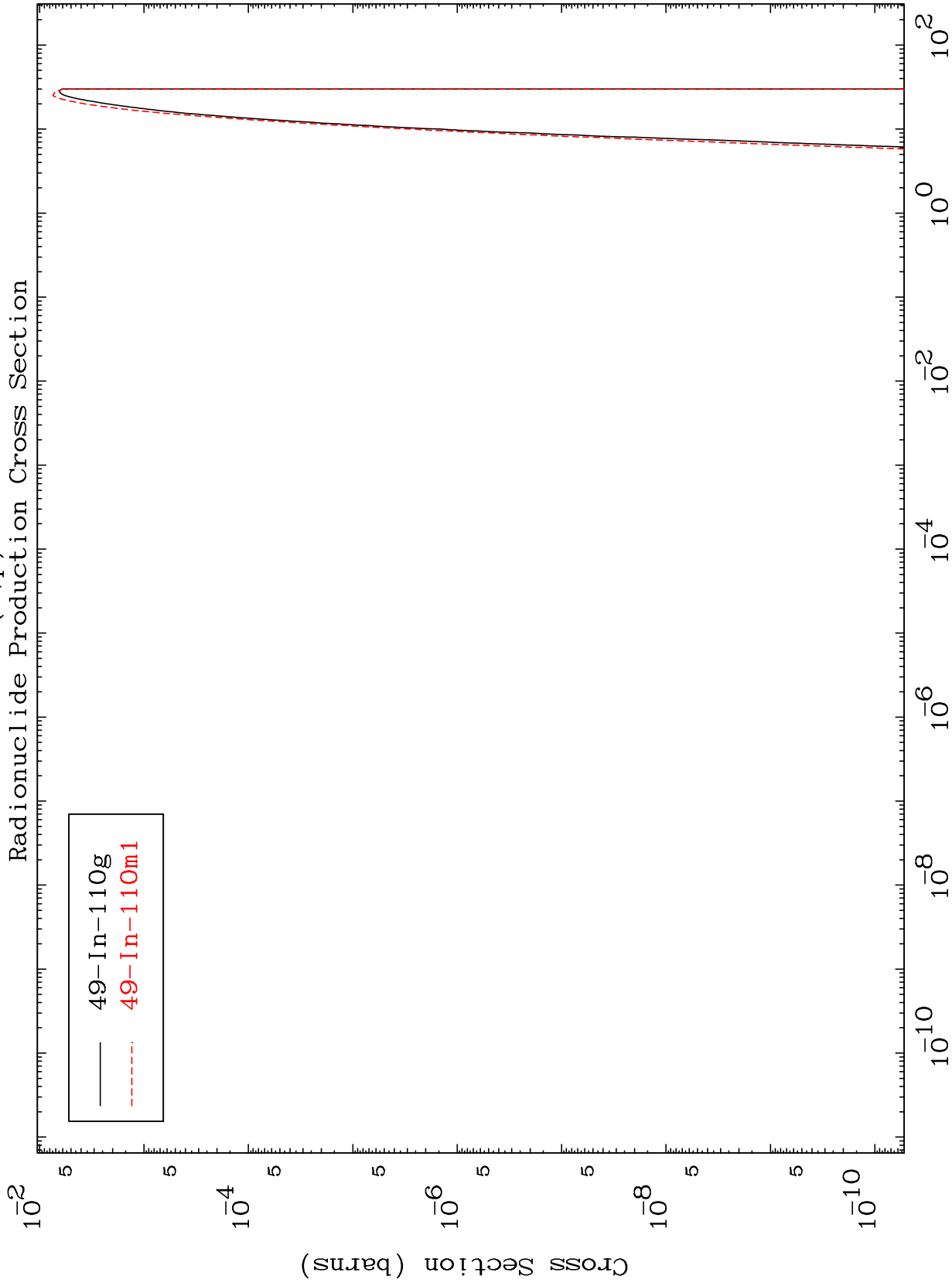
52-Te-114

MAT 5207

(n,p) α

52-Te-114

Radionuclide Production Cross Section



49-In-110g
49-In-110ml

118

Incident Energy (MeV)

52-Te-114

Radionuclide Production Cross Section

