

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

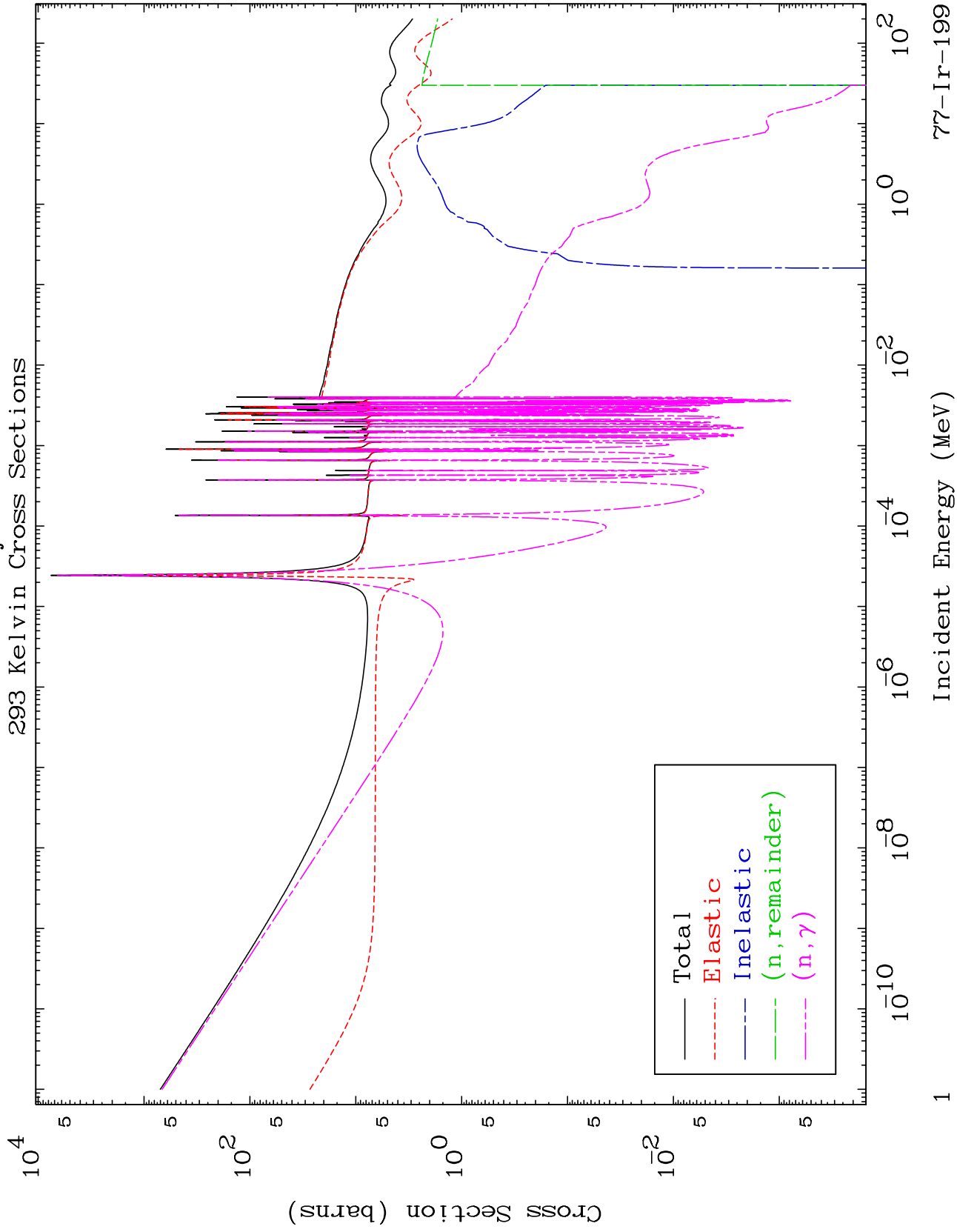
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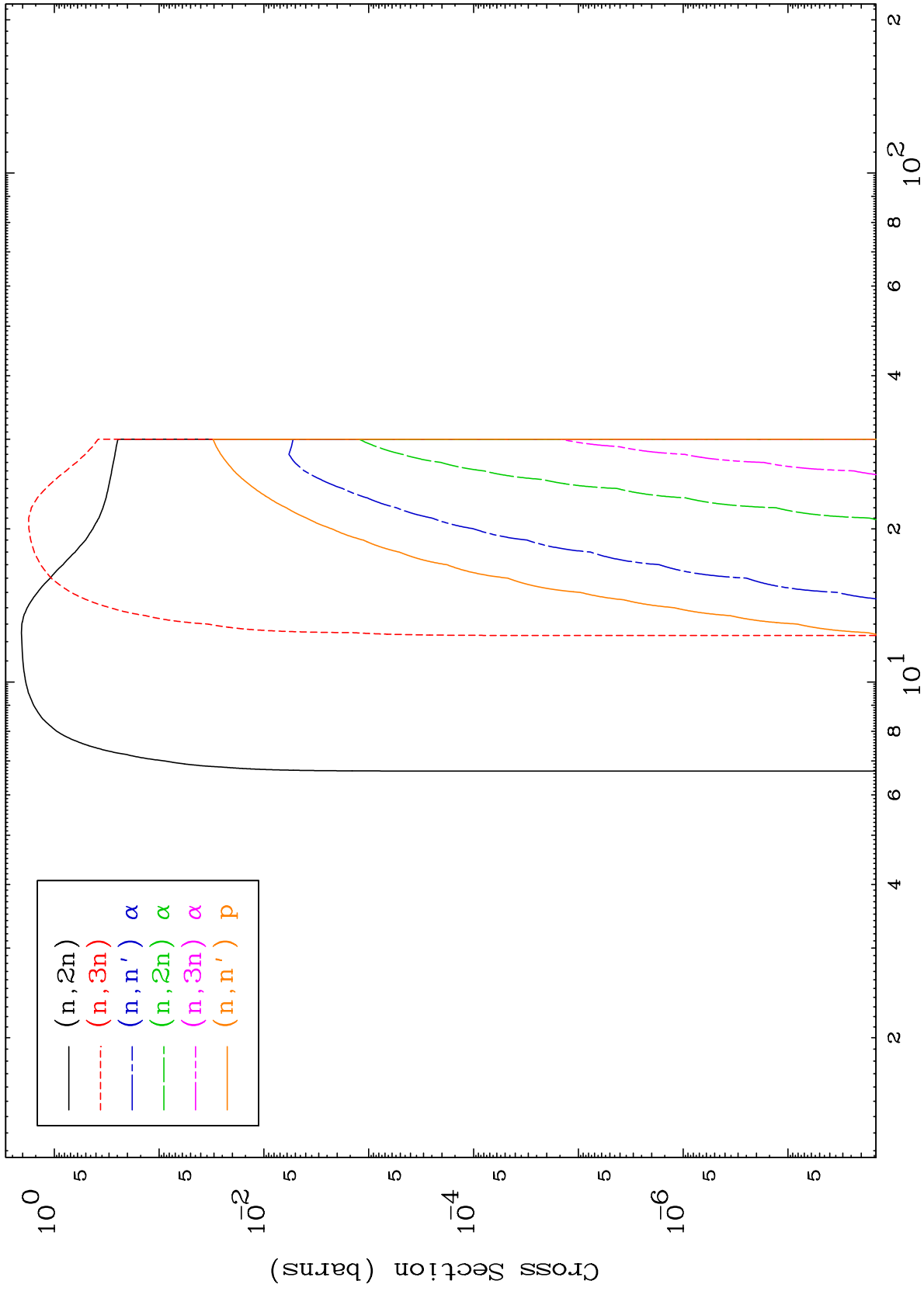
MAT 7749

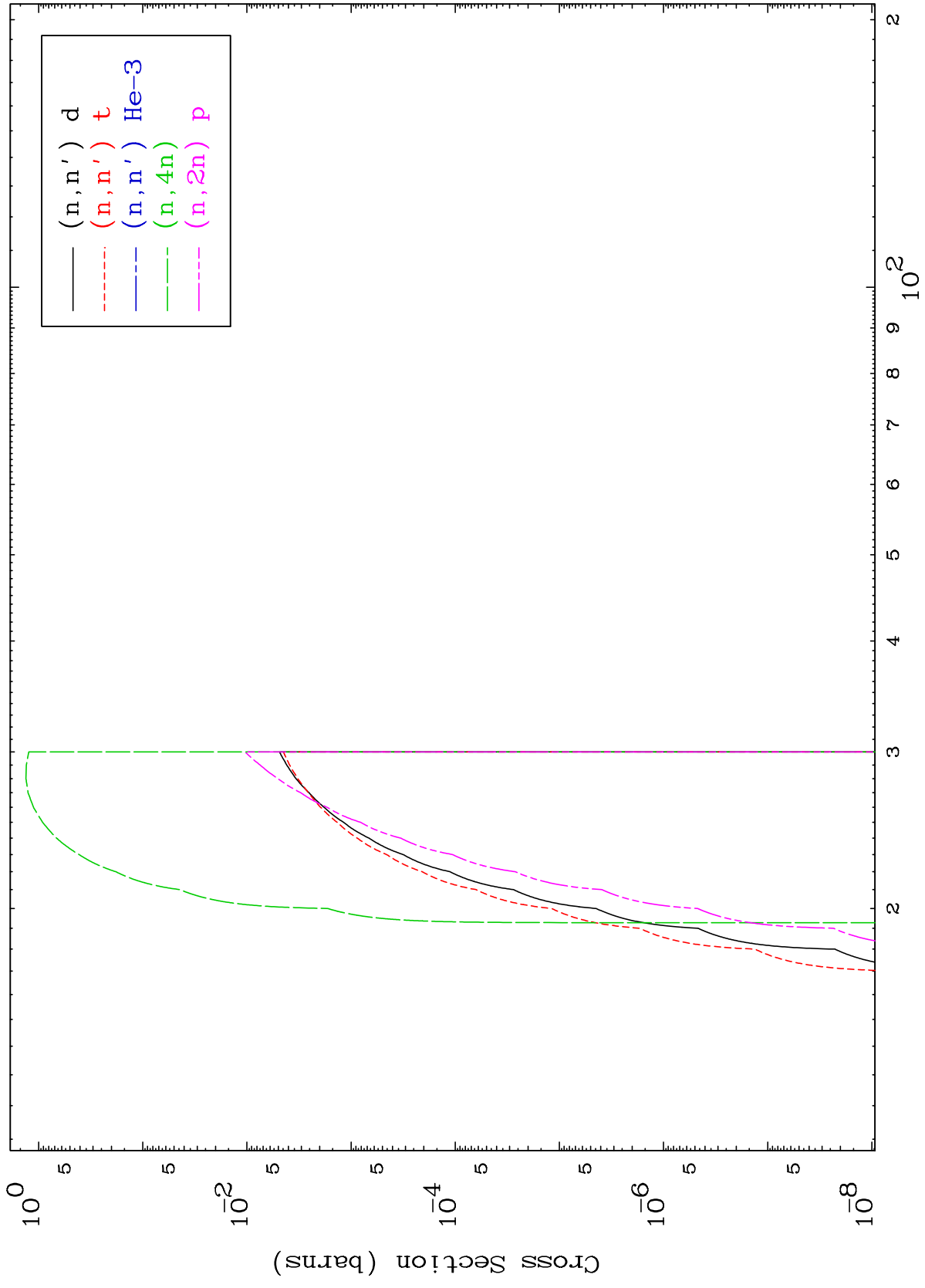
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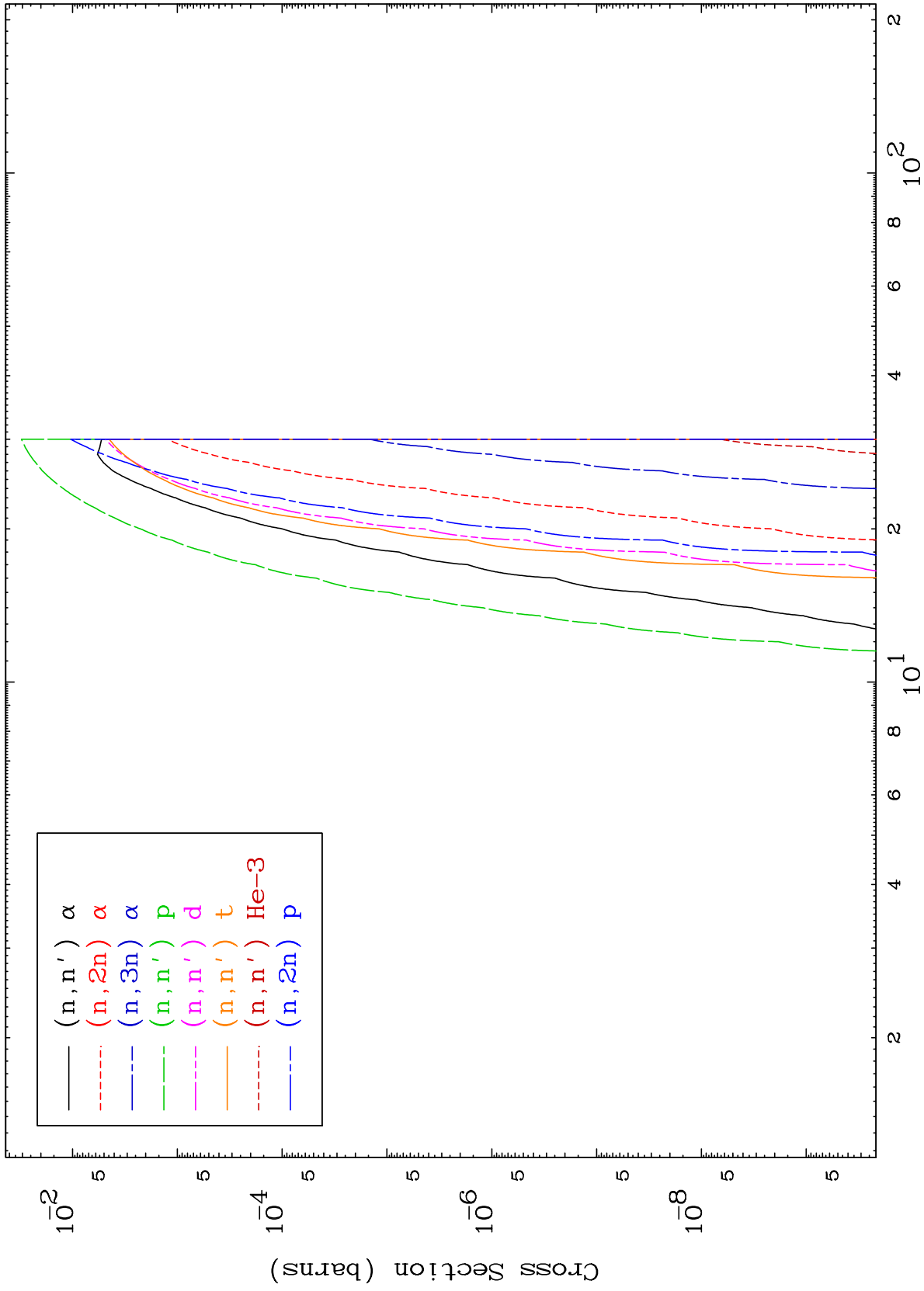
293 Kelvin Cross Sections

77-Ir-199





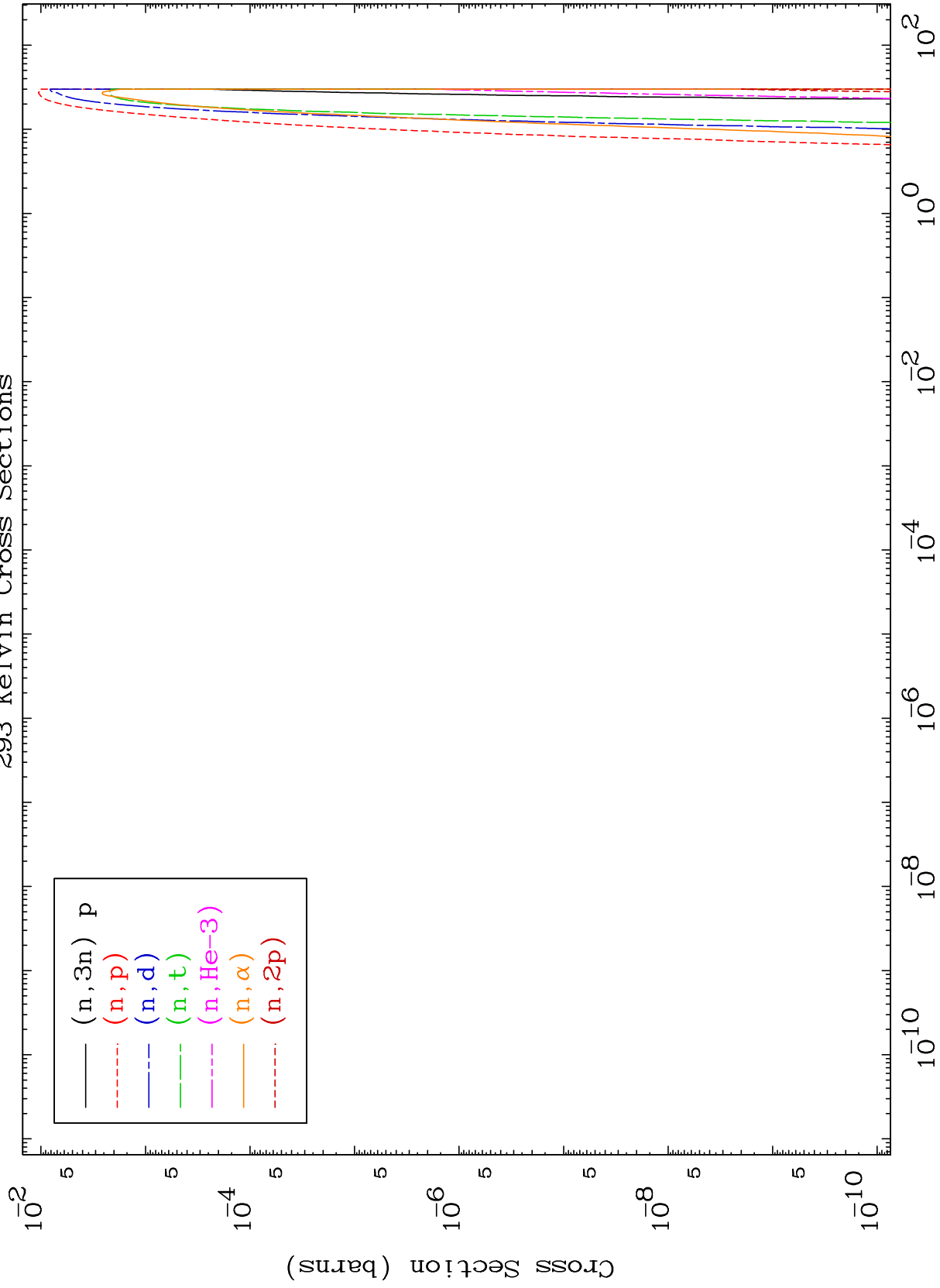




MAT 7749

Charged Particle
293 Kelvin Cross Sections

77-Ir-199



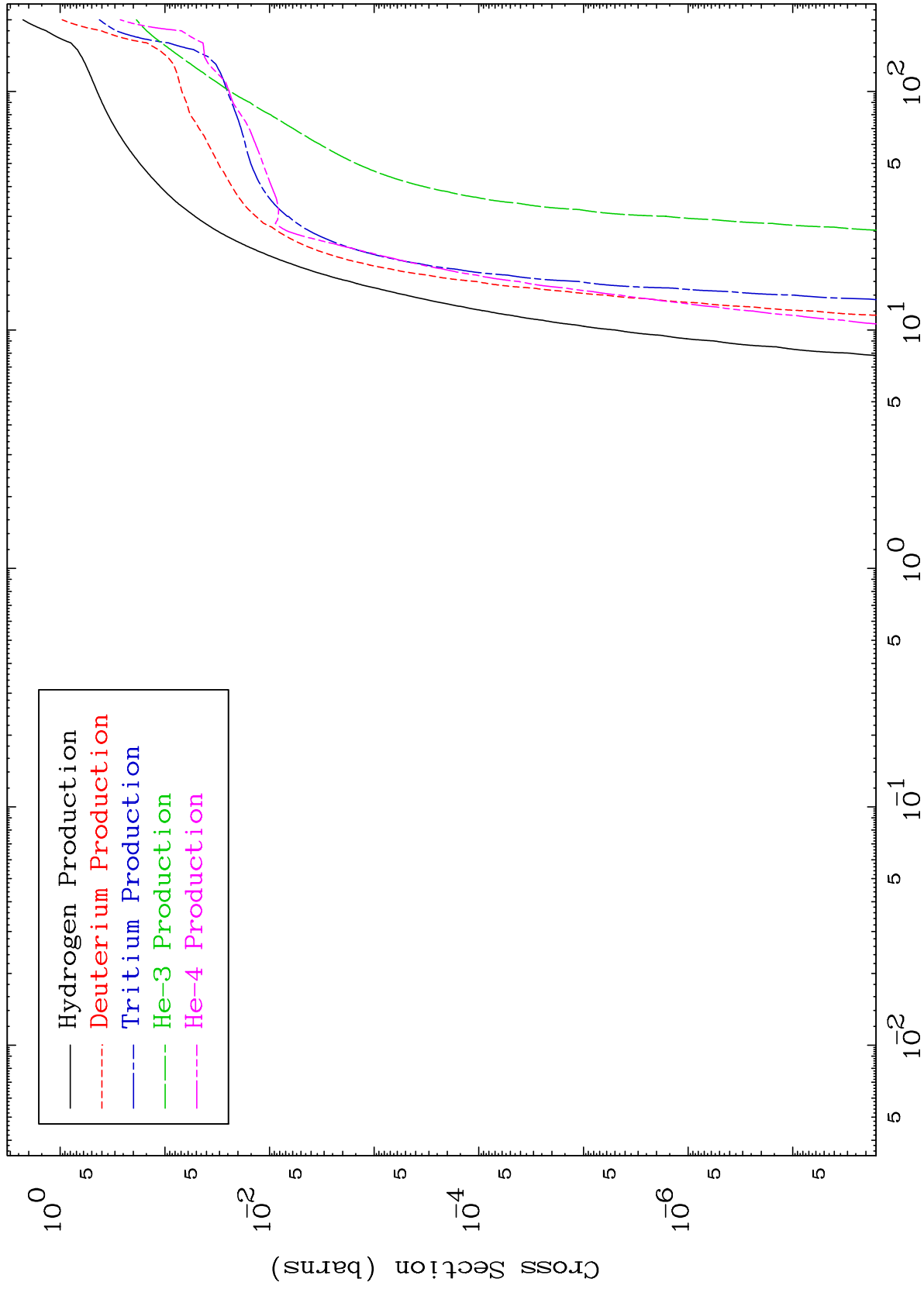
5

77-Ir-199

MAT 7749

Particle Production
293 Kelvin Cross Sections

77-Ir-199



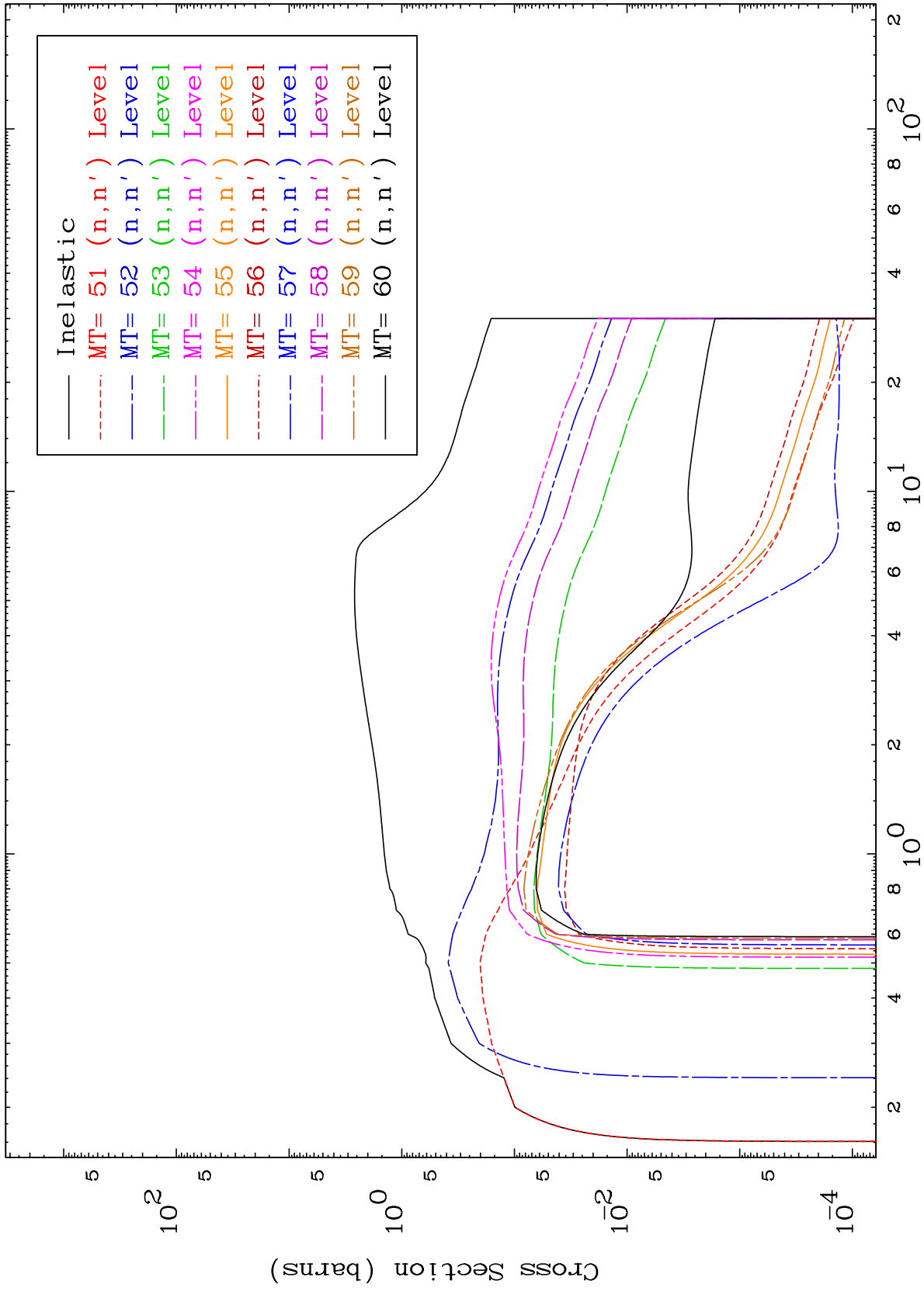
6

77-Ir-199

MAT 7749

(n,n') Level
293 Kelvin Cross Sections

77-Ir-199



7

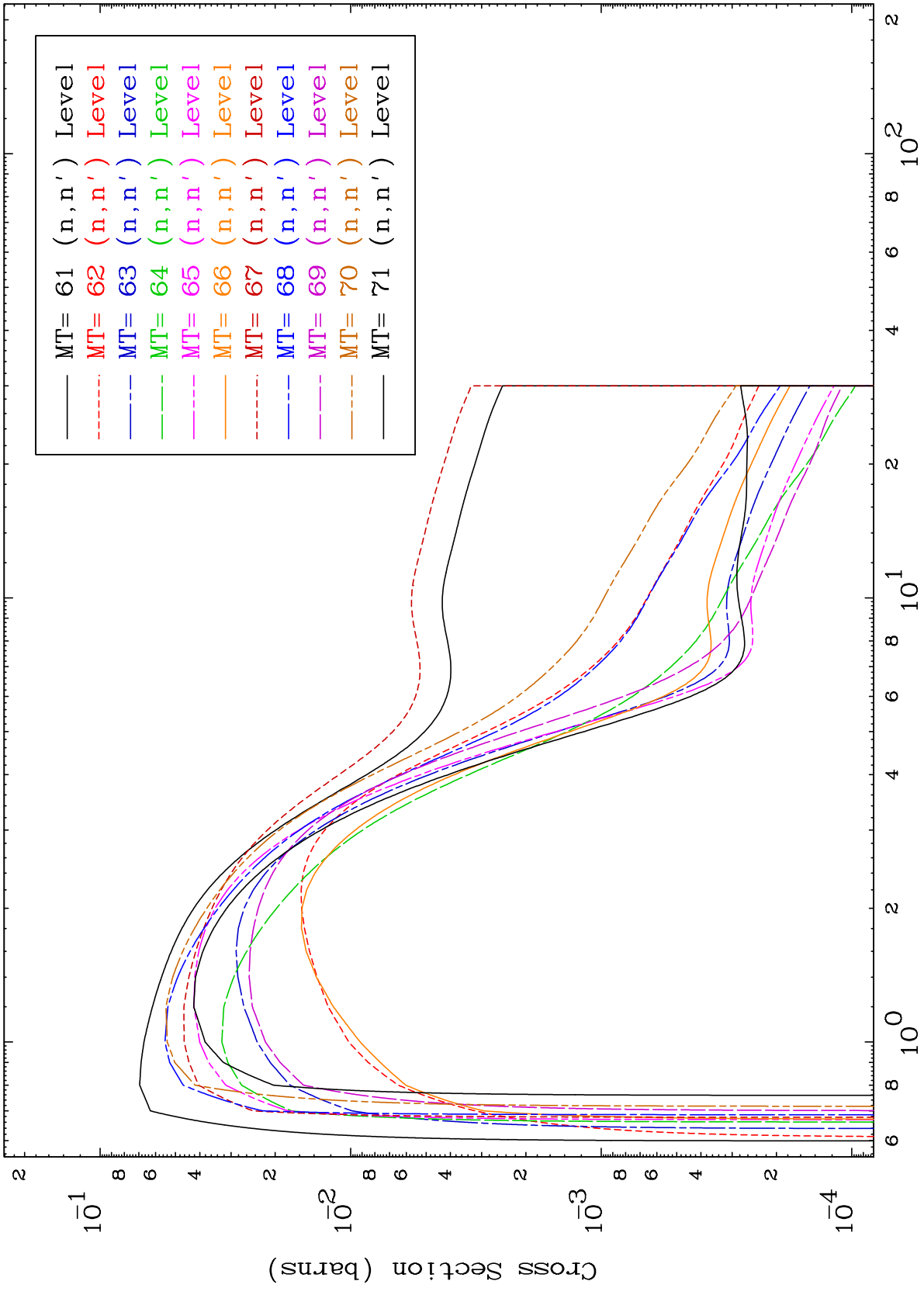
Incident Energy (MeV)

77-Ir-199

MAT 7749

(n,n') Level
293 Kelvin Cross Sections

77-Ir-199



8

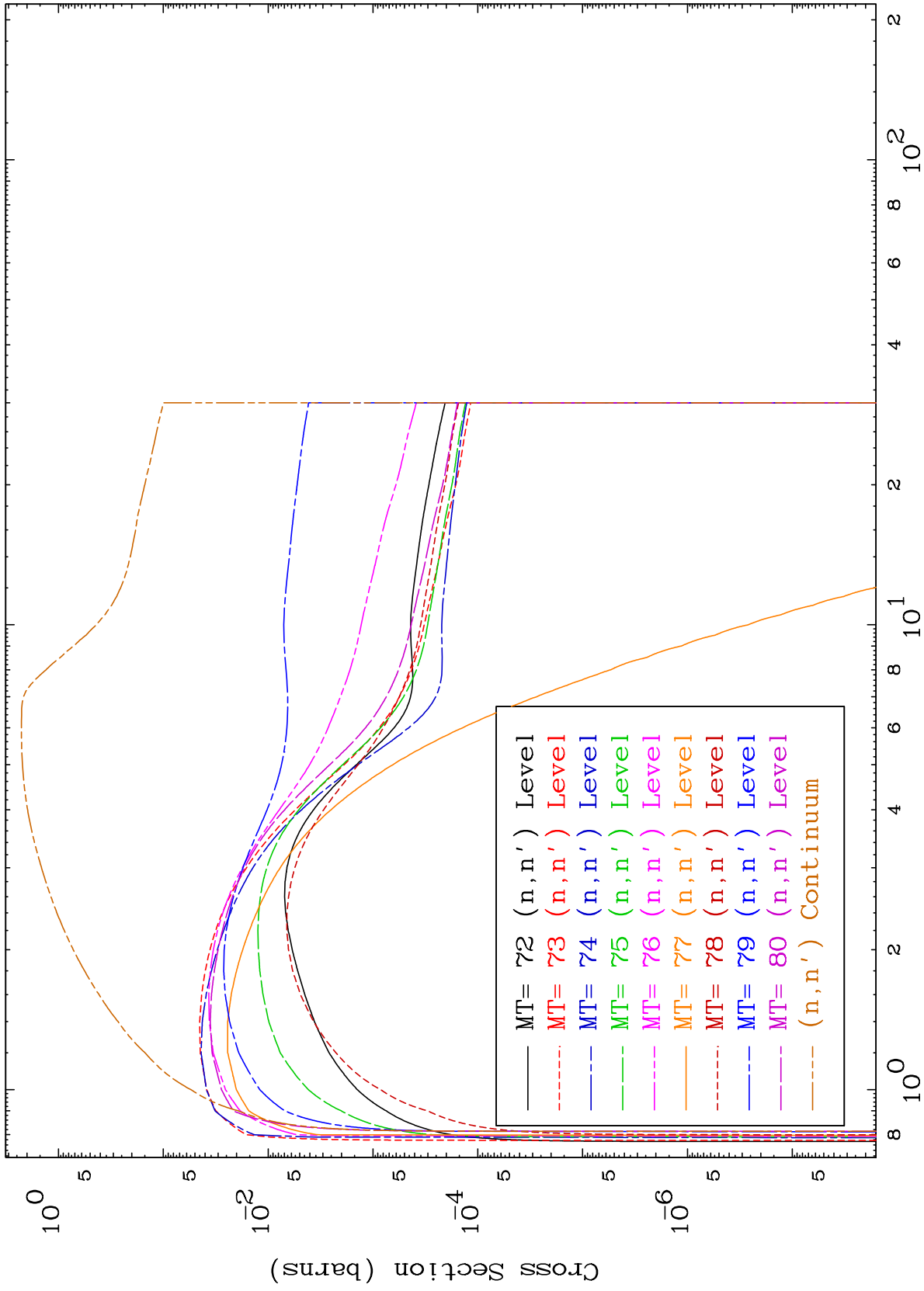
Incident Energy (MeV)

77-Ir-199

MAT 7749

293 (n,n') Level

77-Ir-199

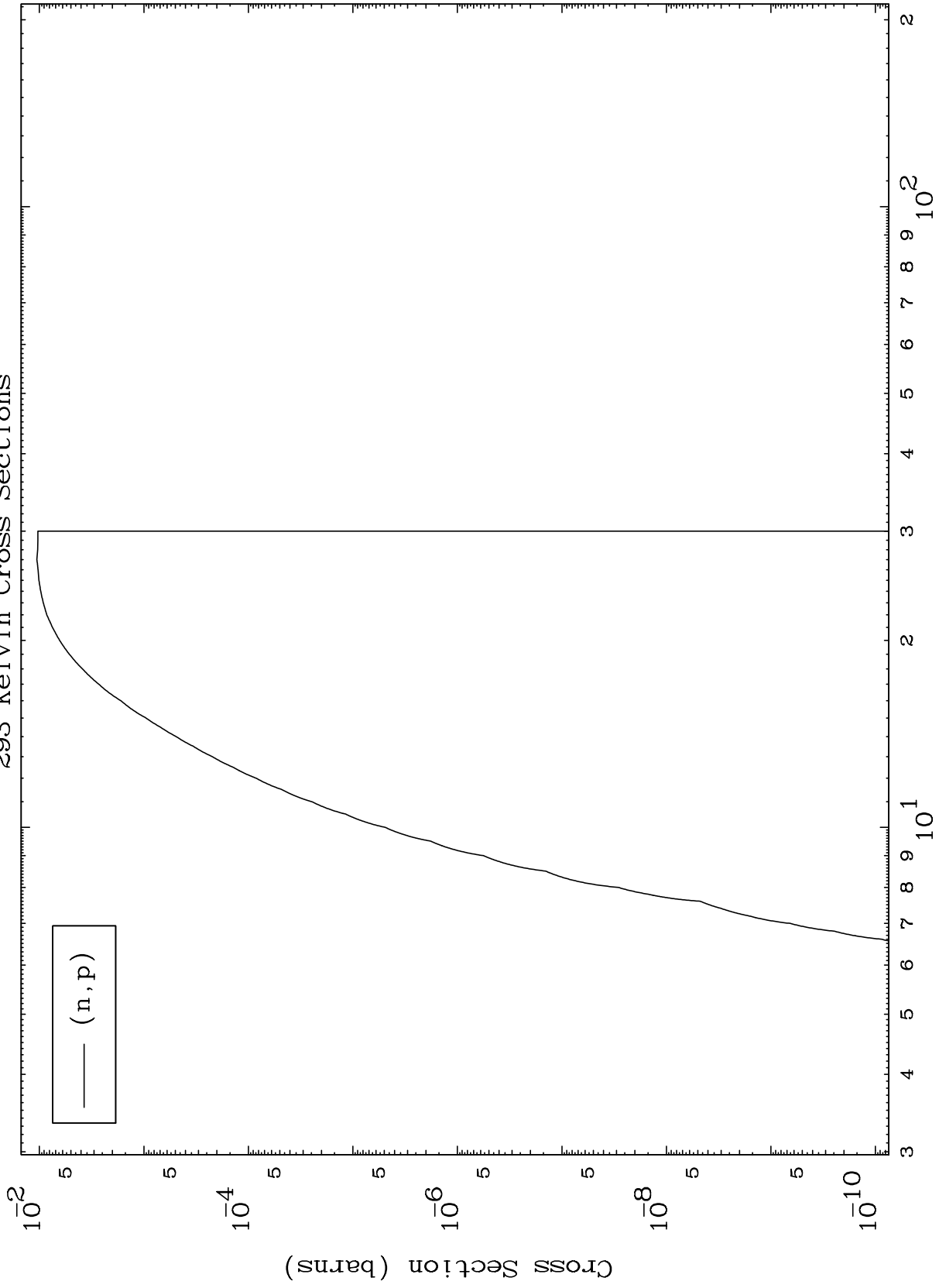


9

MAT 7749

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-199



10

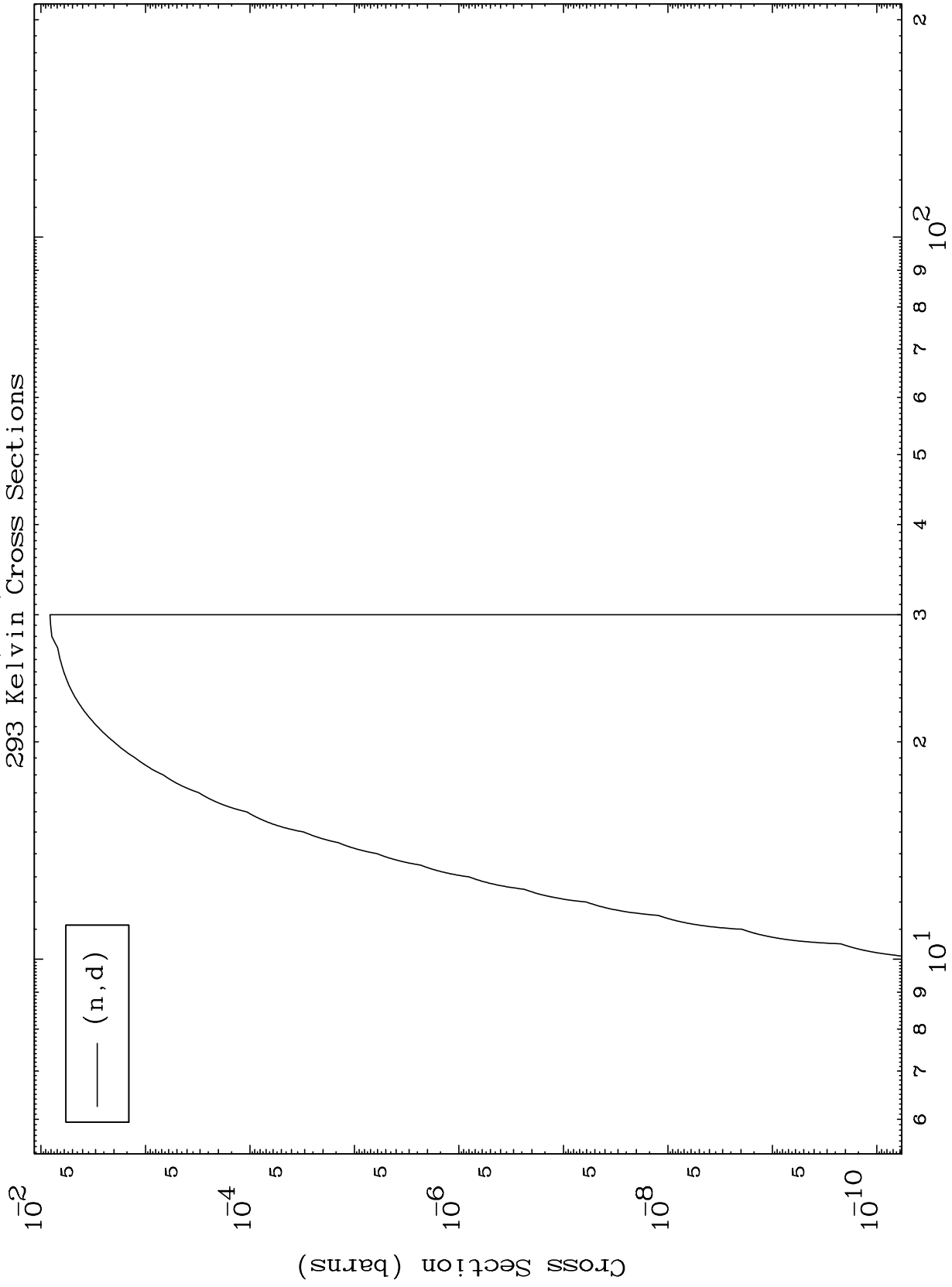
Incident Energy (MeV)

77-Ir-199

MAT 7749

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-199



11

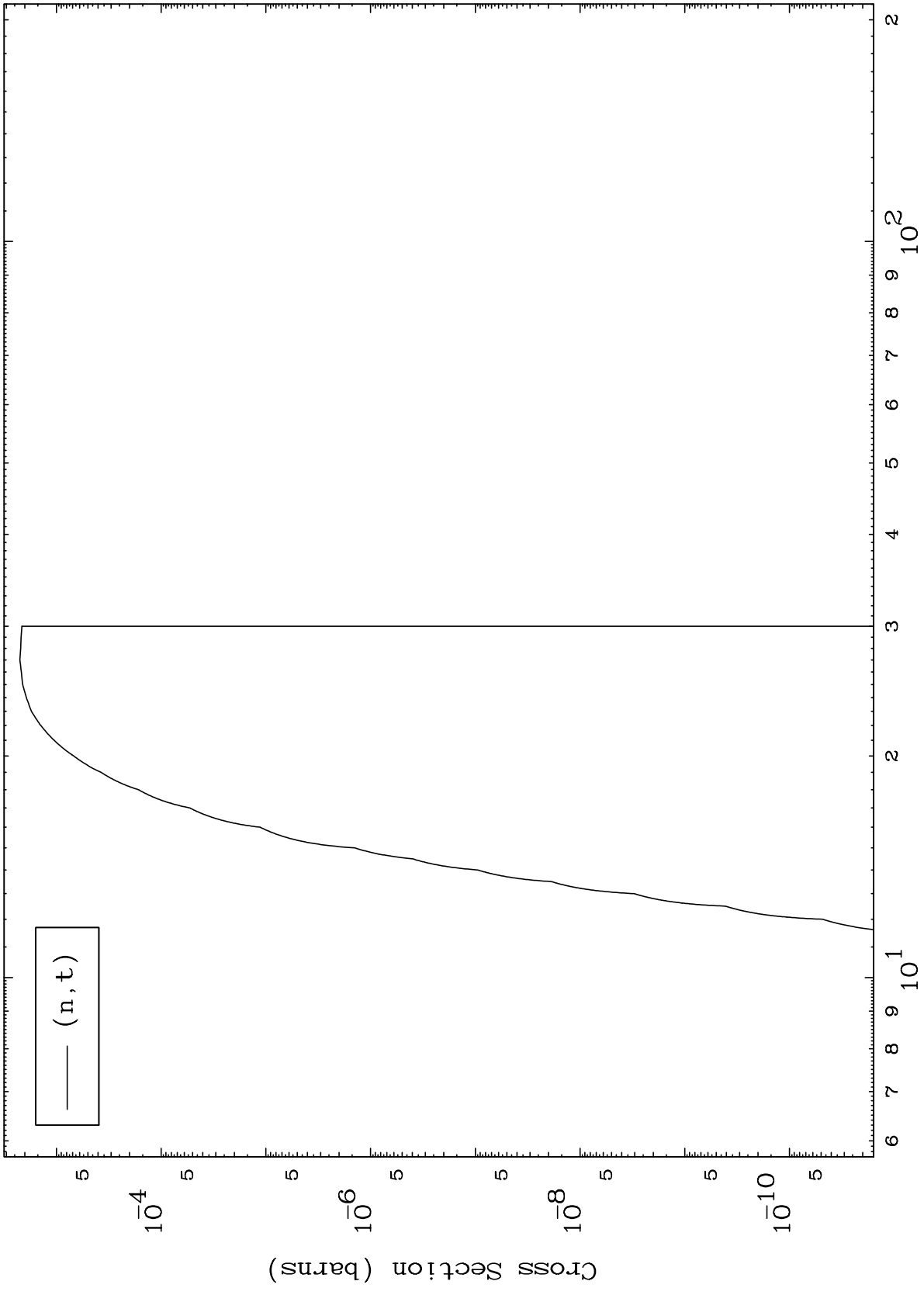
Incident Energy (MeV)

77-Ir-199

MAT 7749

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-199



12

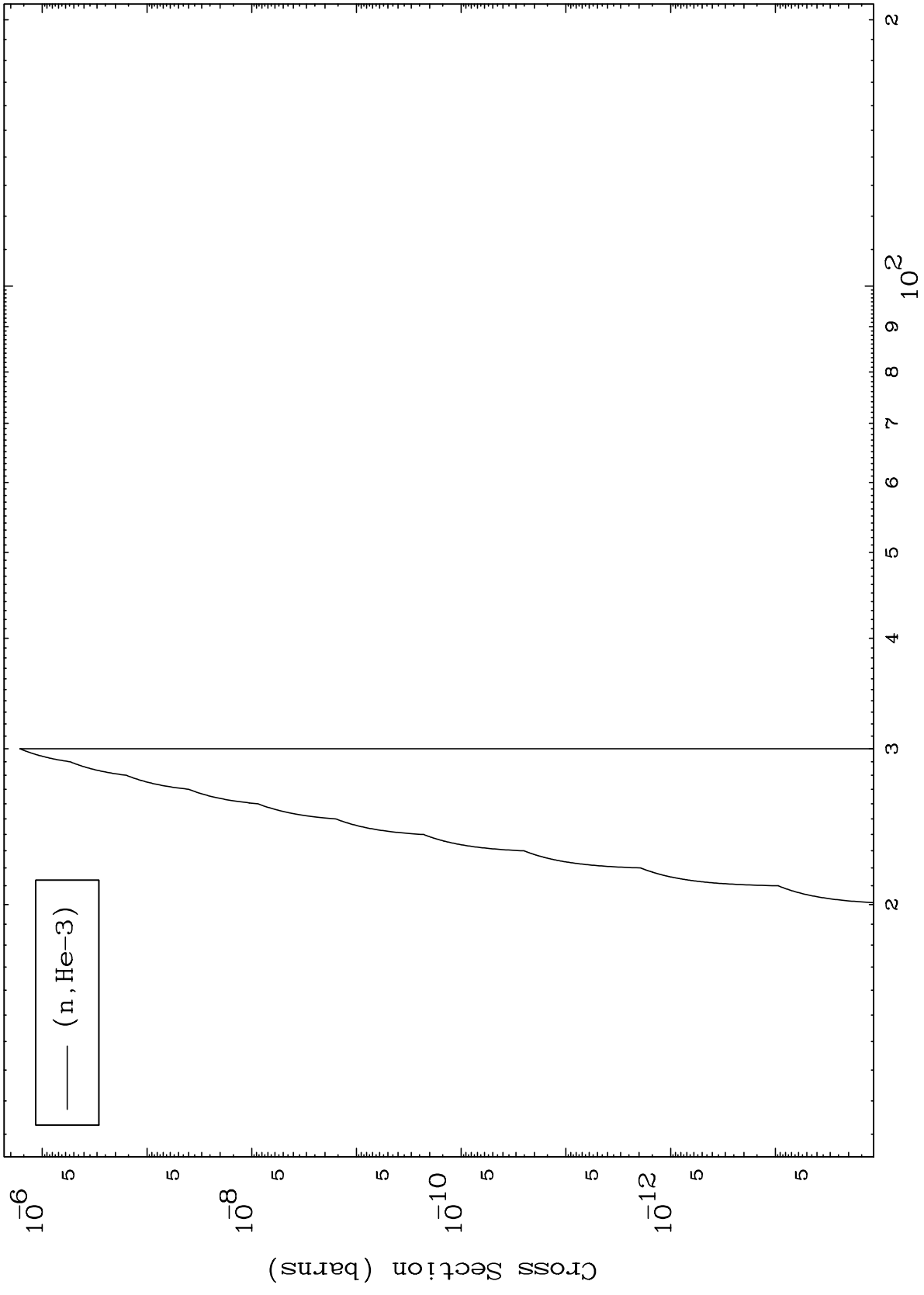
Incident Energy (MeV)

77-Ir-199

MAT 7749

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-199



13

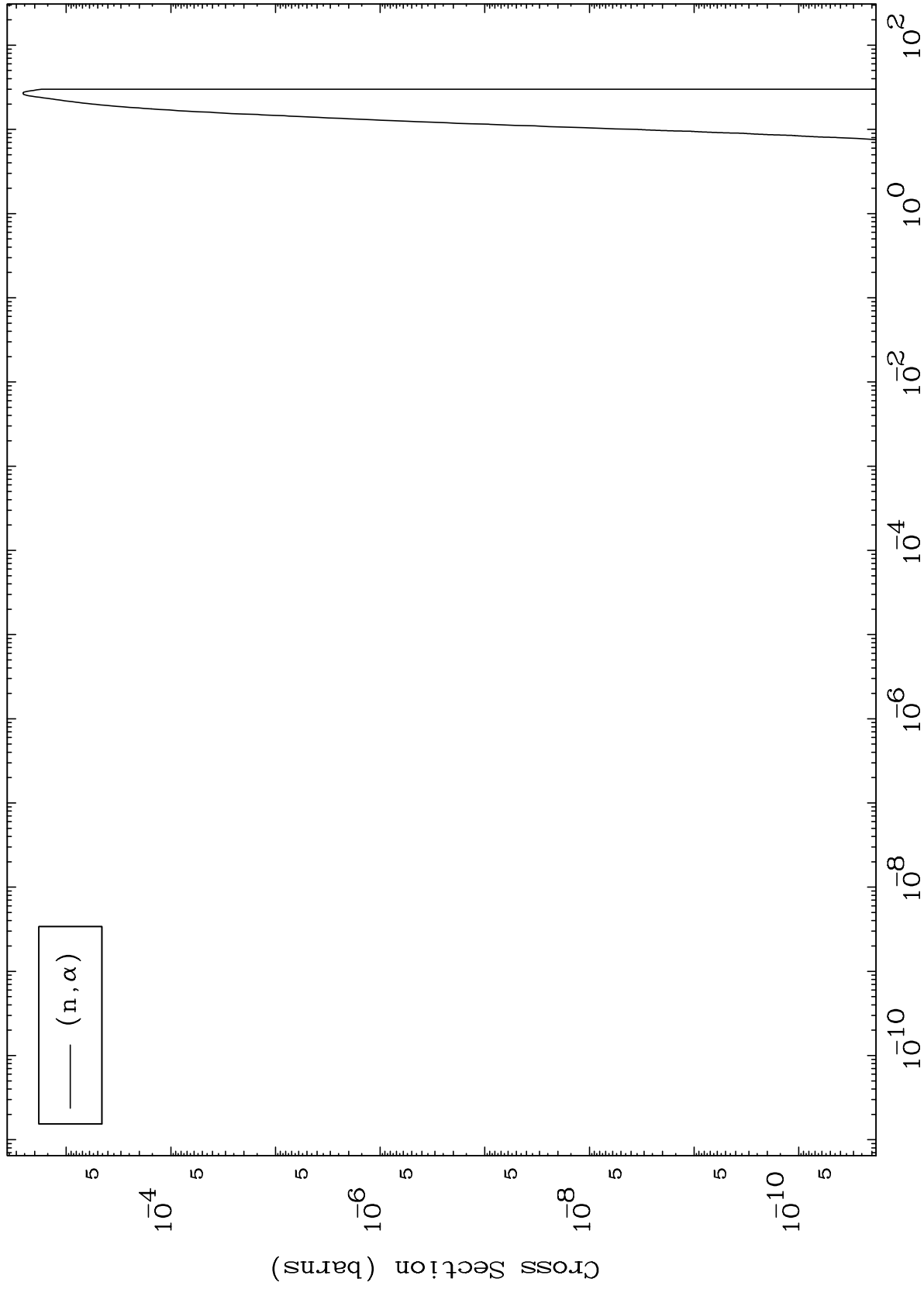
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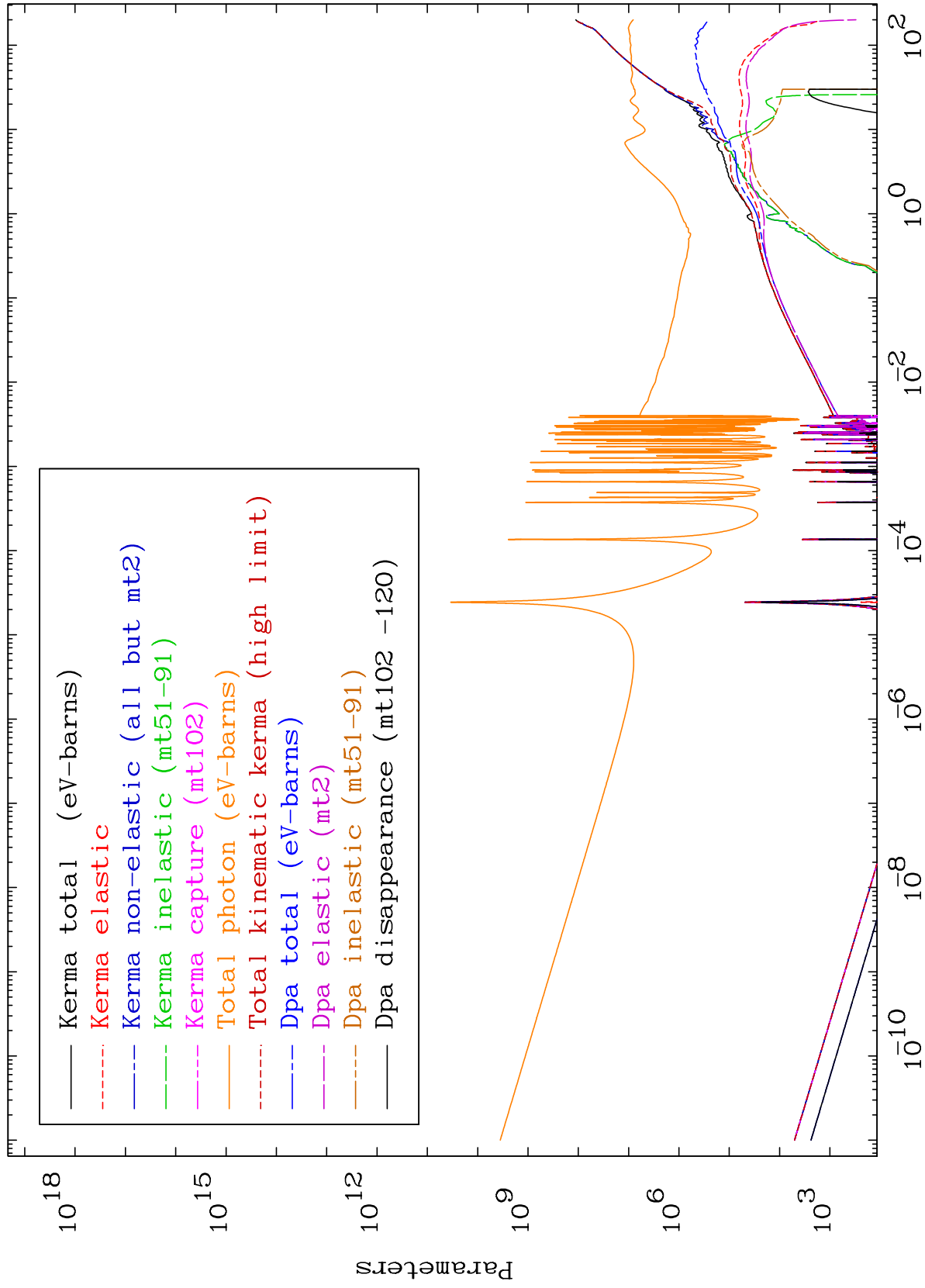
77-Ir-199

MAT 7749

(n,α) Levels
293 Kelvin Cross Sections

77-Ir-199

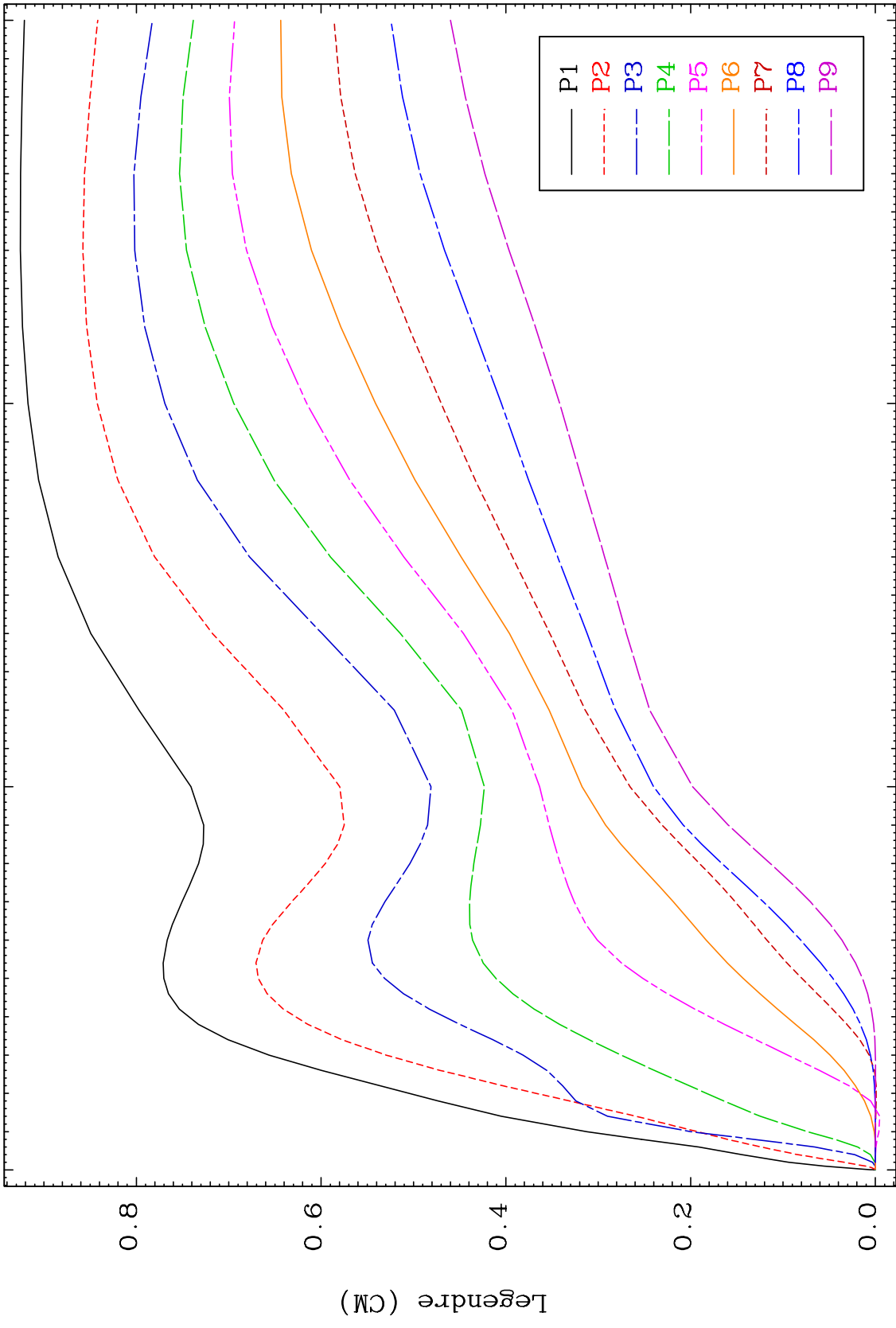




MAT 7749

77-Ir-199

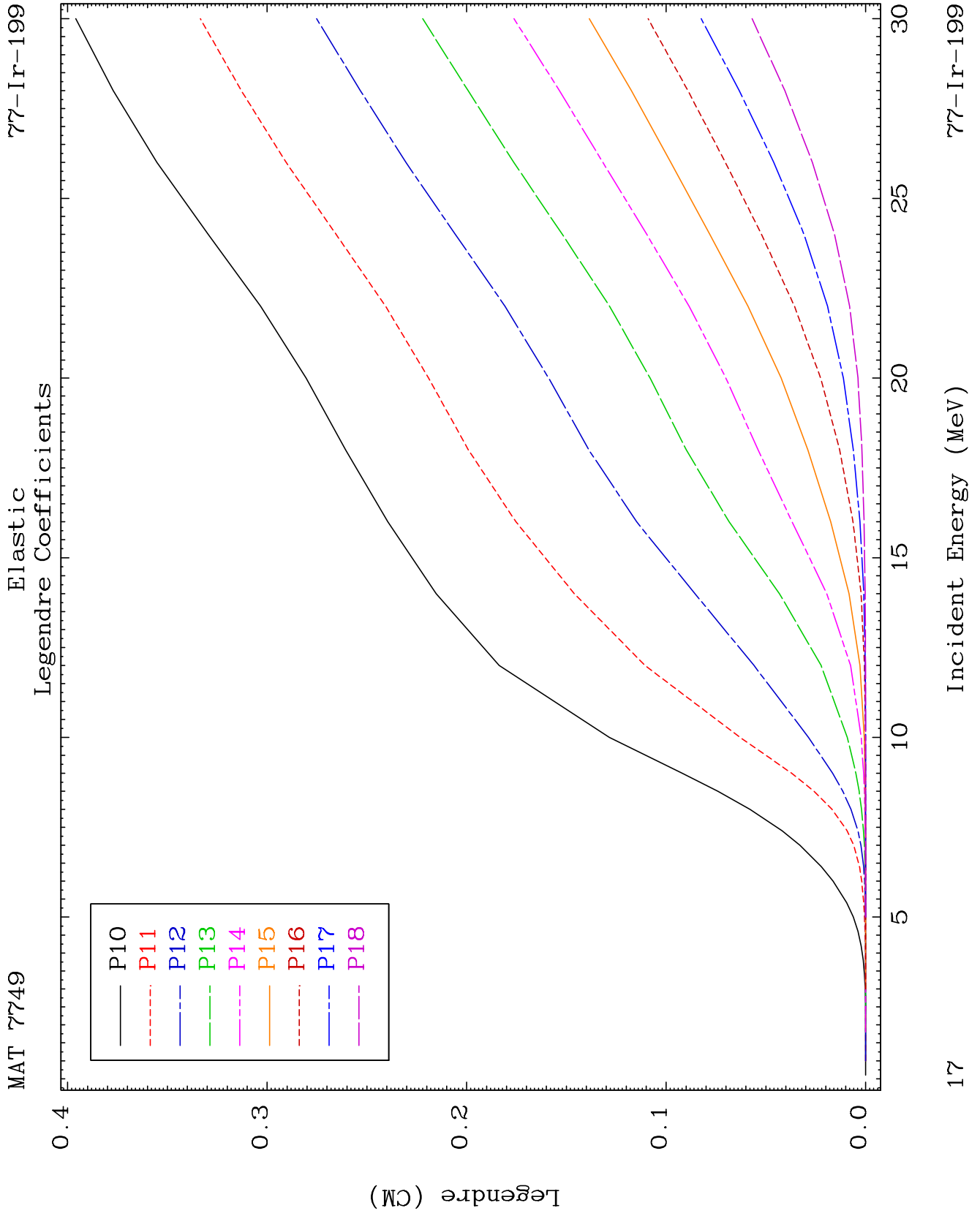
Elastic Legendre Coefficients



16

Incident Energy (MeV)

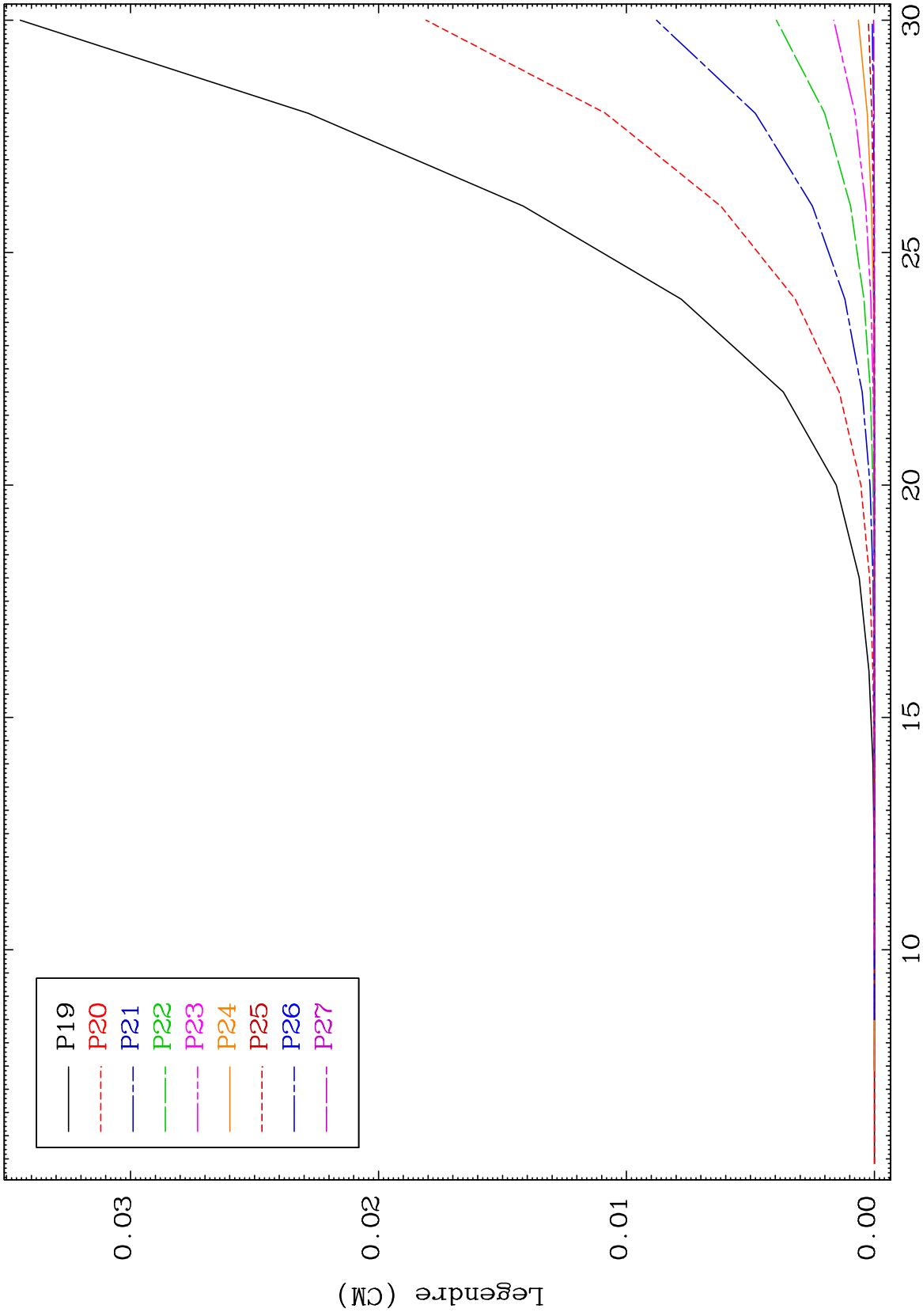
77-Ir-199



MAT 7749

Elastic Legendre Coefficients

77-Ir-199



18

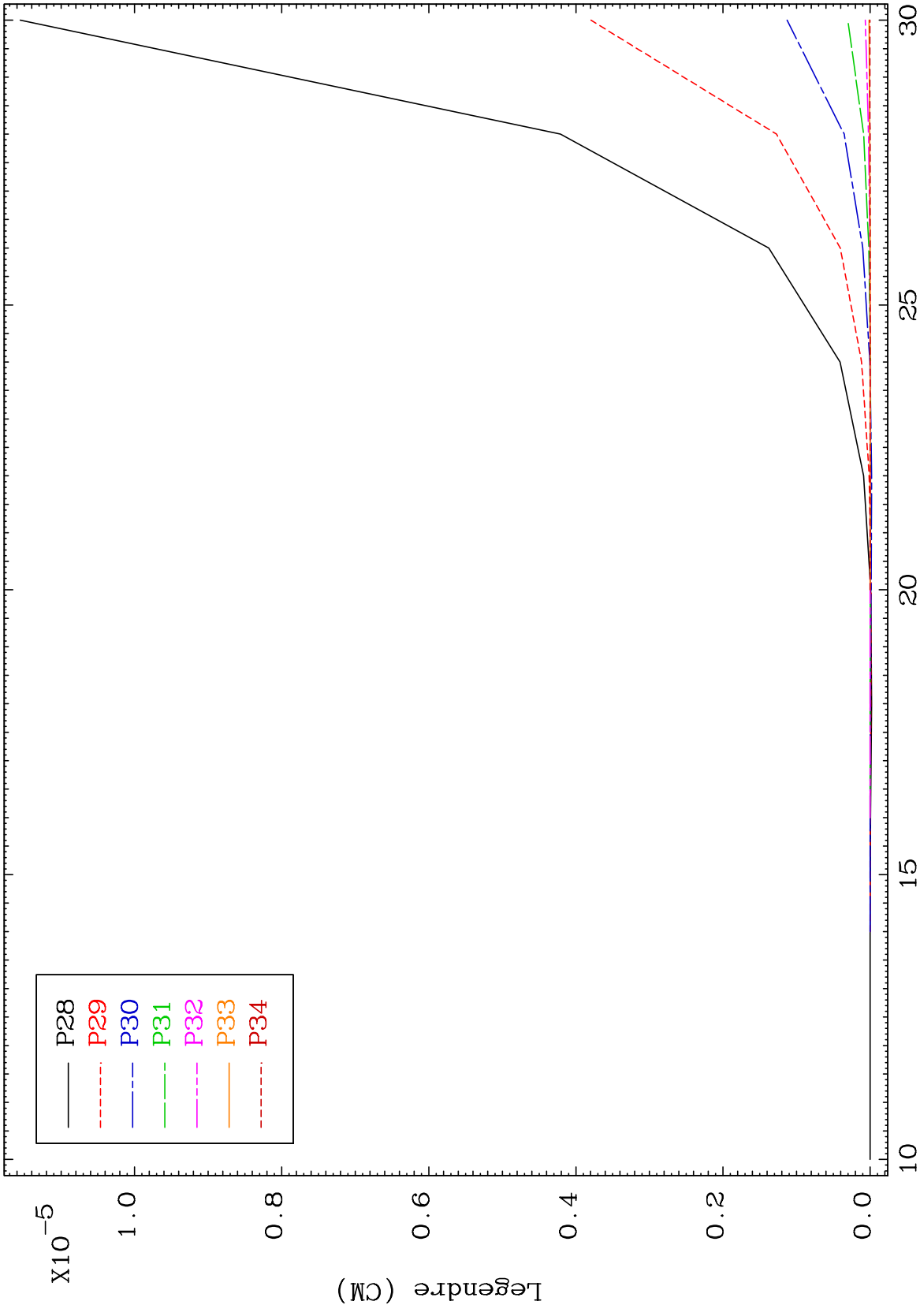
Incident Energy (MeV)

77-Ir-199

MAT 7749

Elastic Legendre Coefficients

77-Ir-199



19

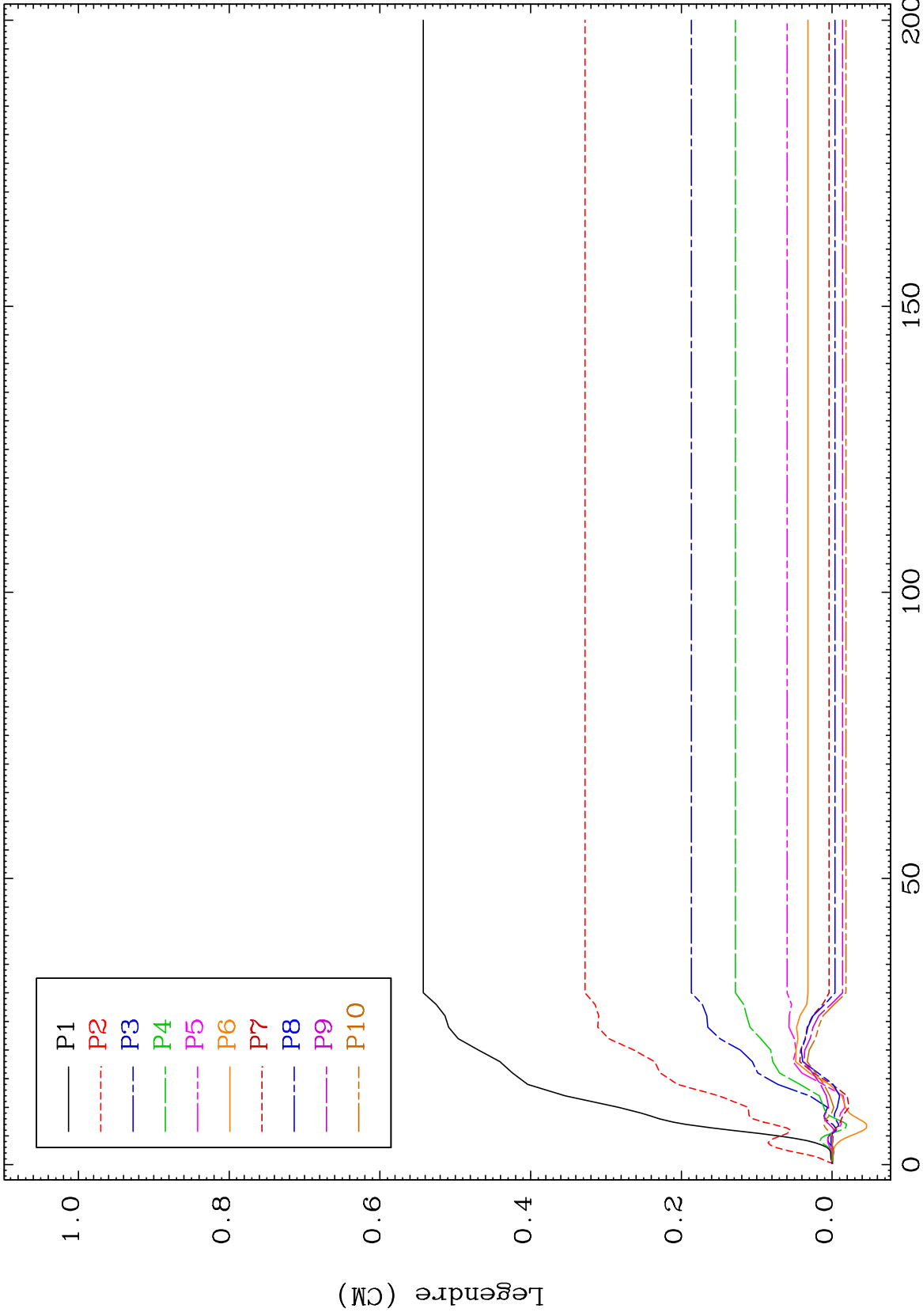
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

Incident Energy (MeV)

20

MAT 7749

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

77-Ir-199



21

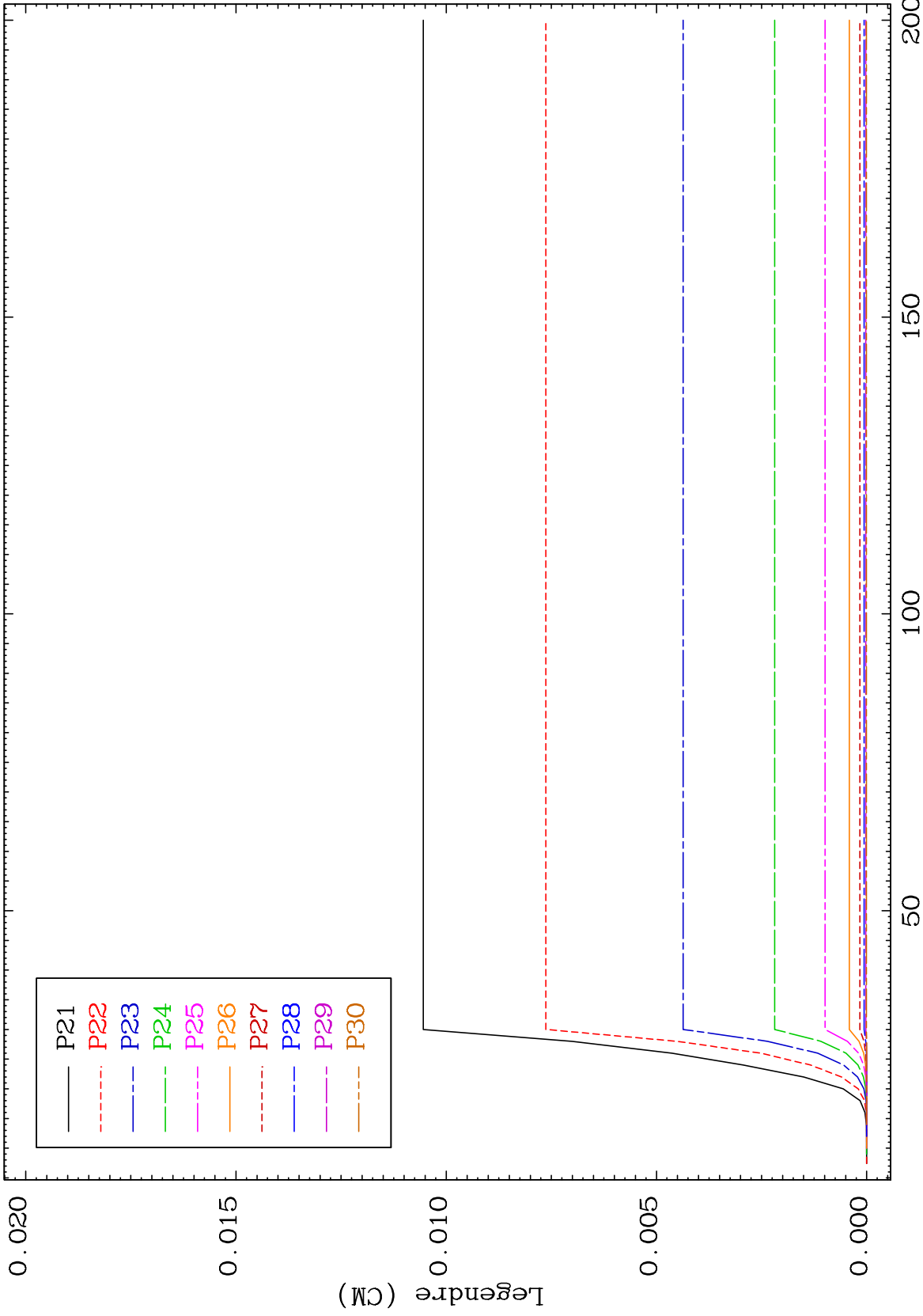
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



22

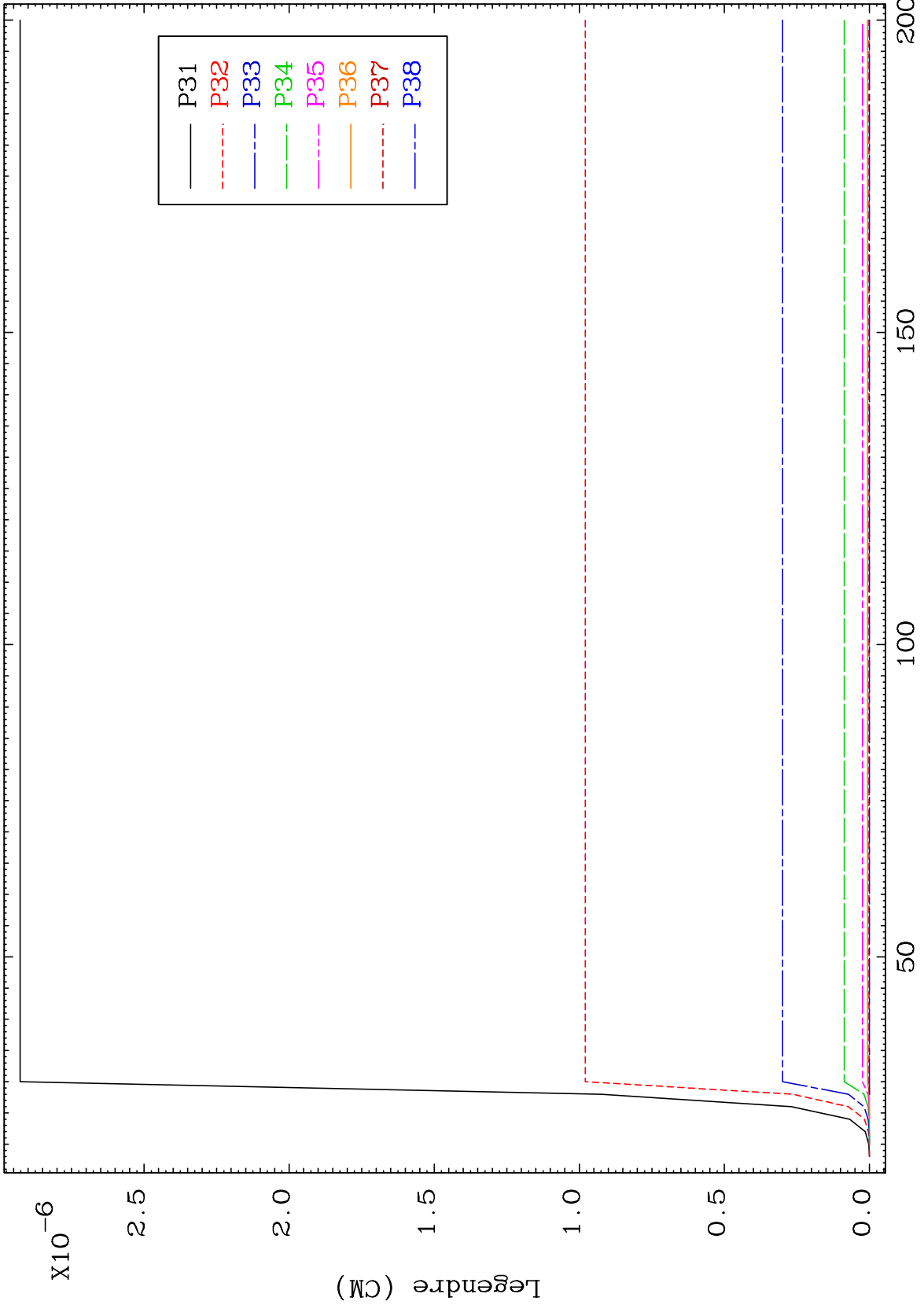
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



23

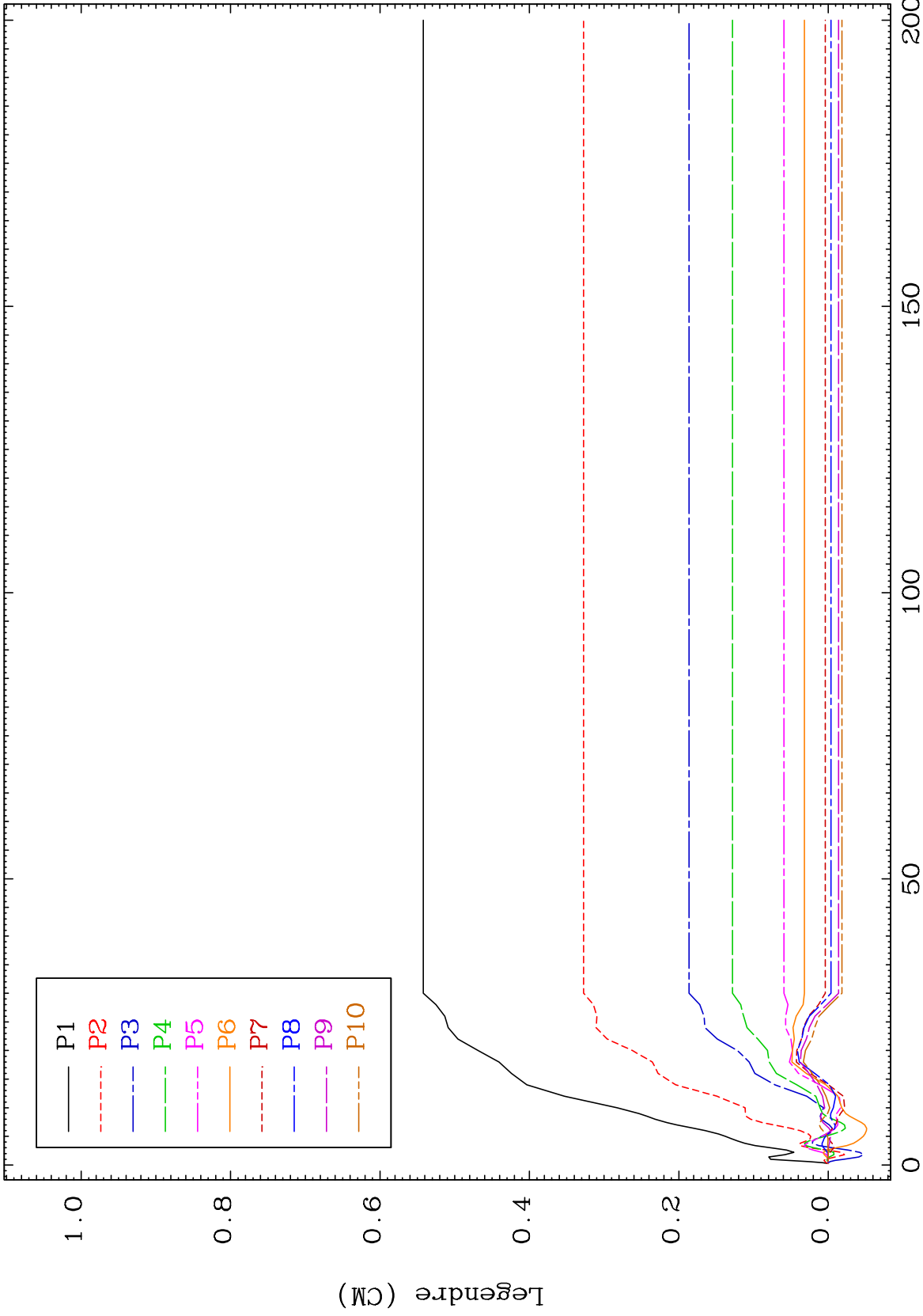
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



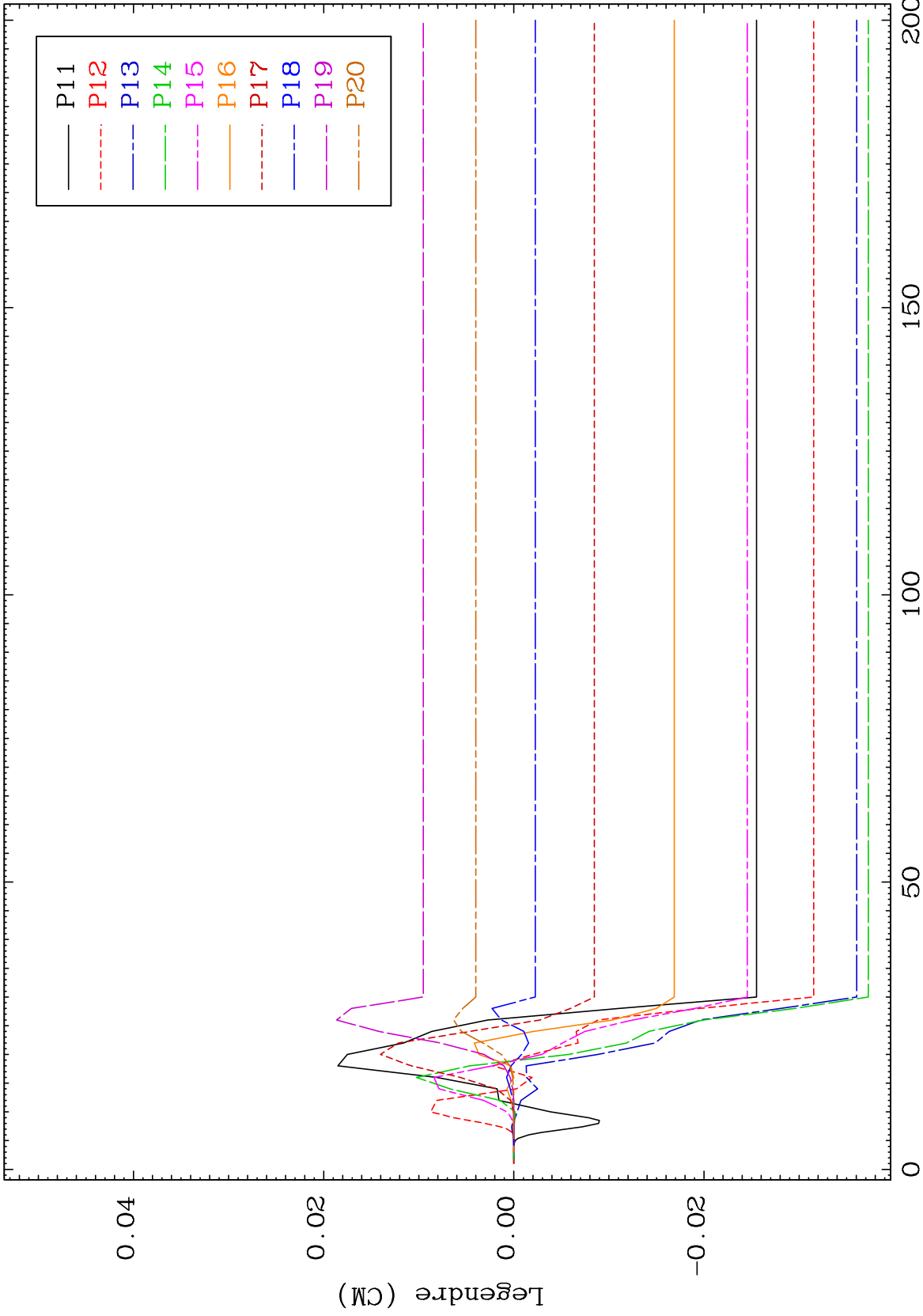
24

77-Ir-199

MAT 7749

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

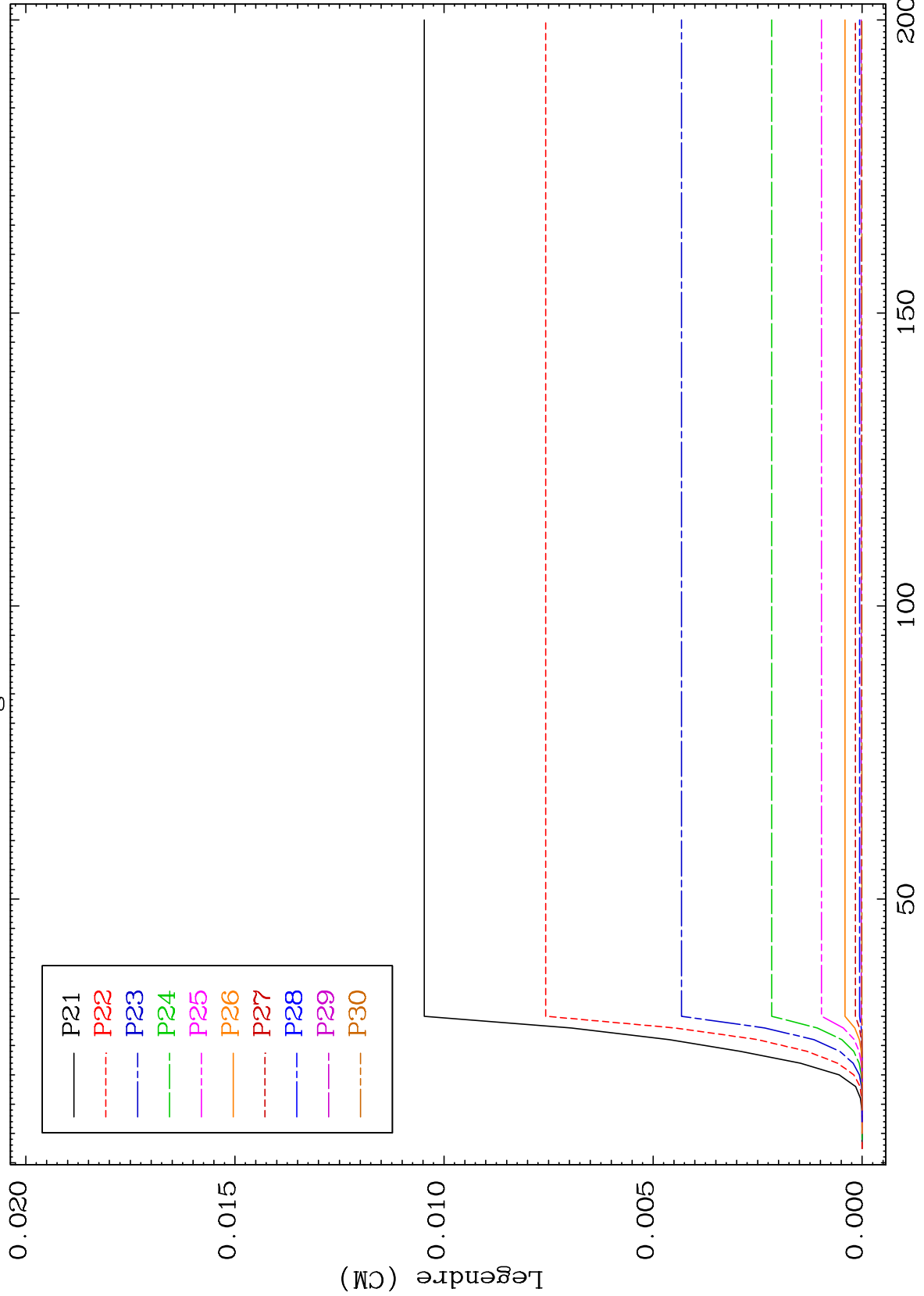
77-Ir-199



25

Incident Energy (MeV)

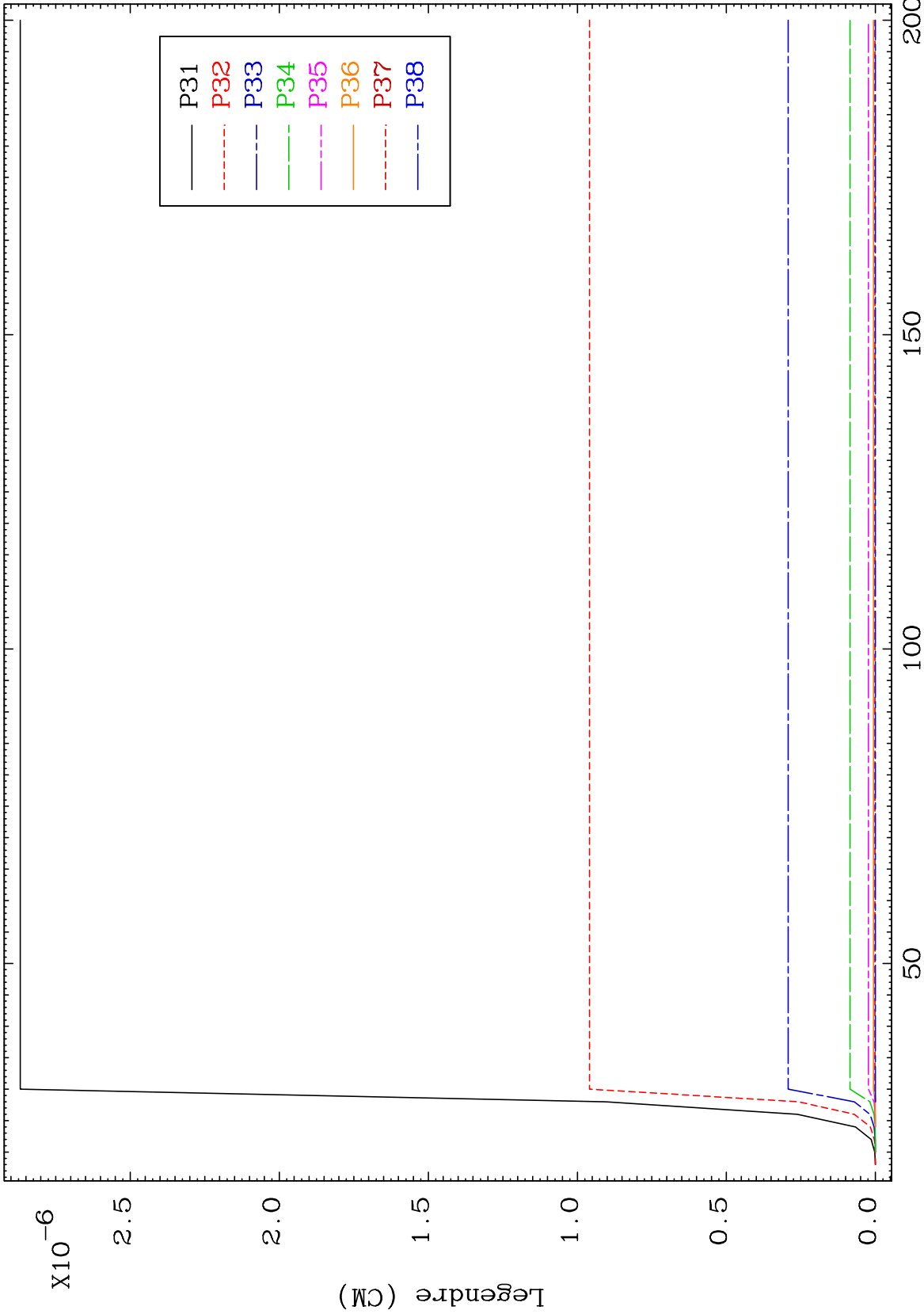
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MAT 7749

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

77-Ir-199



27

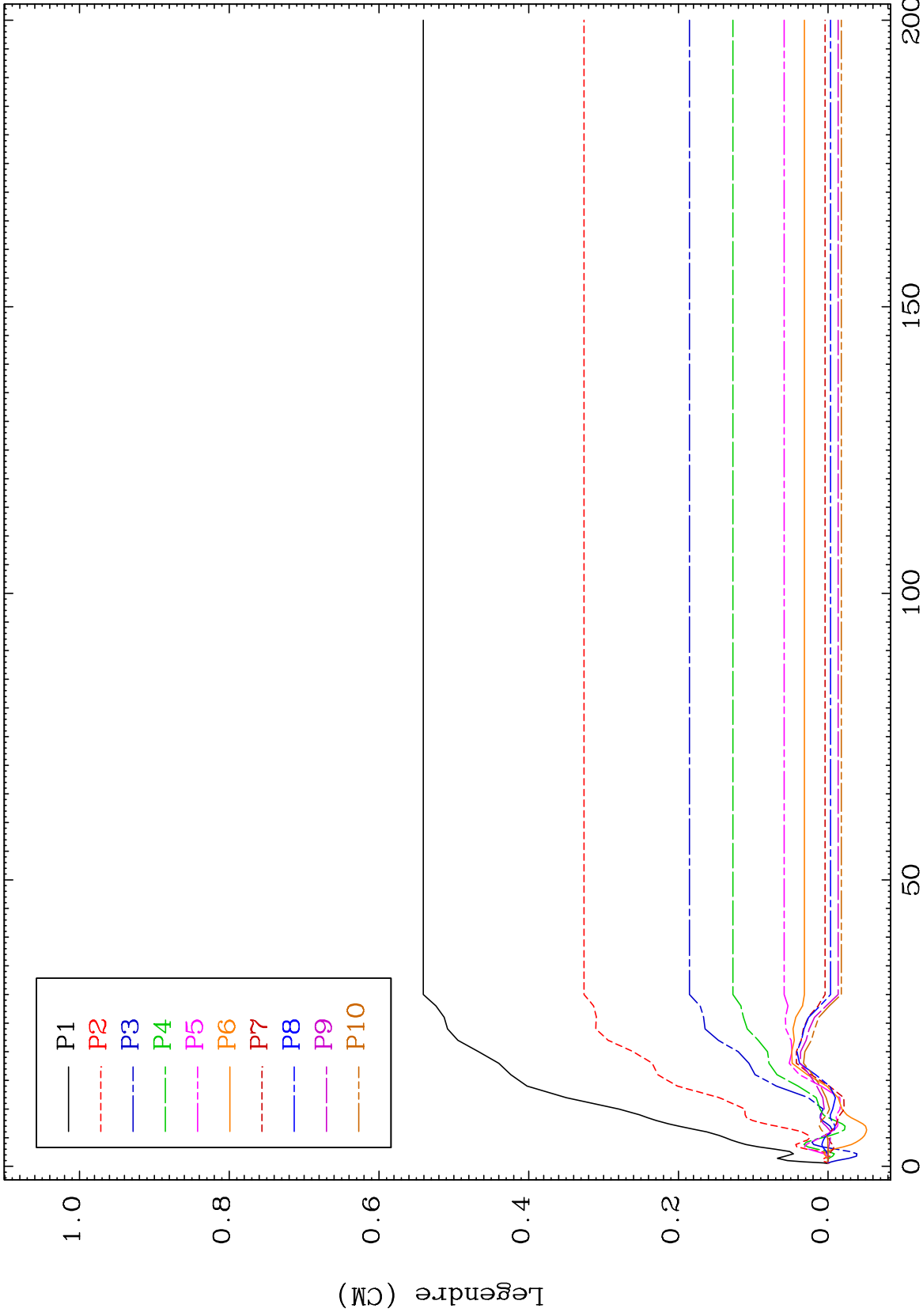
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



28

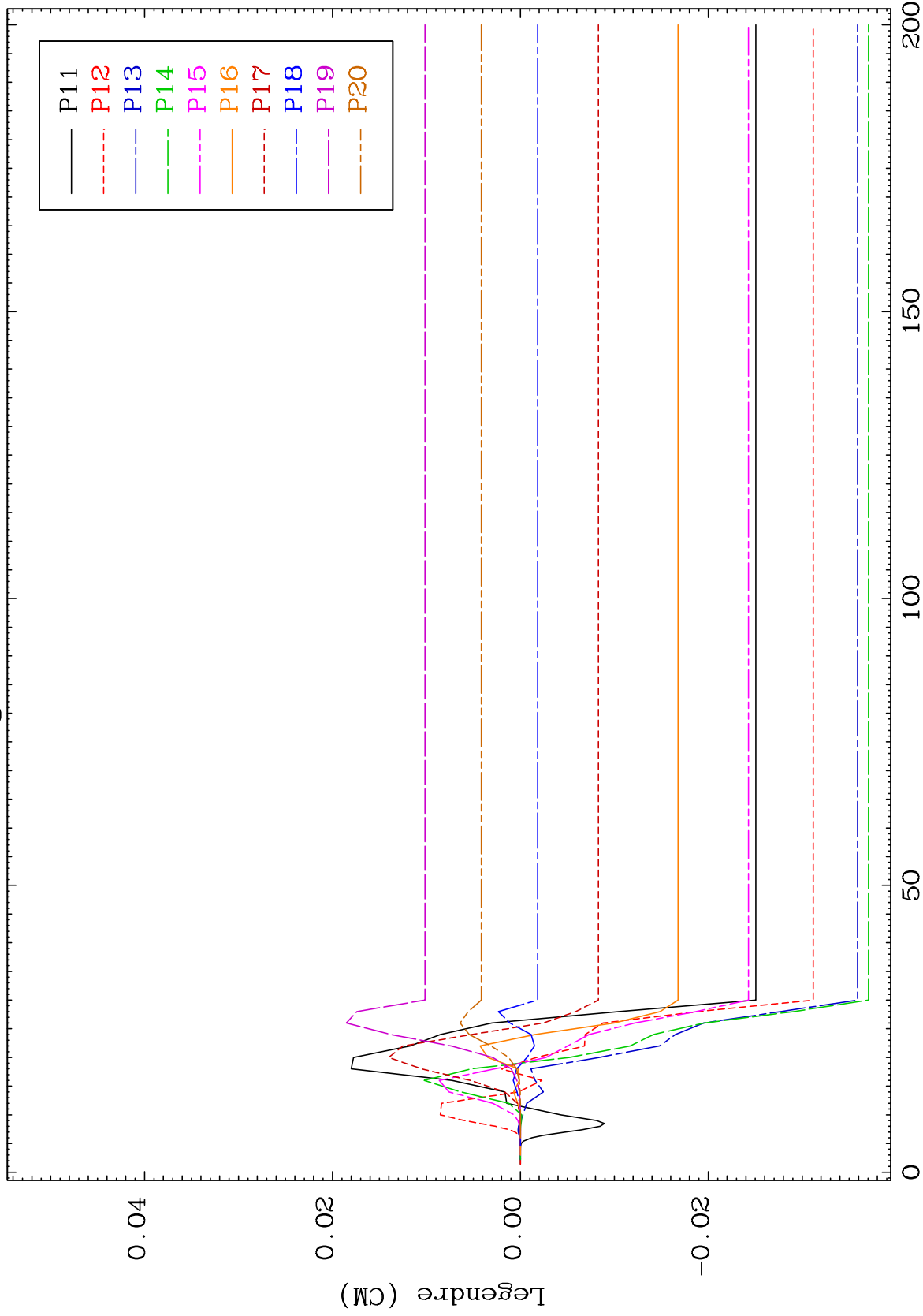
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



29

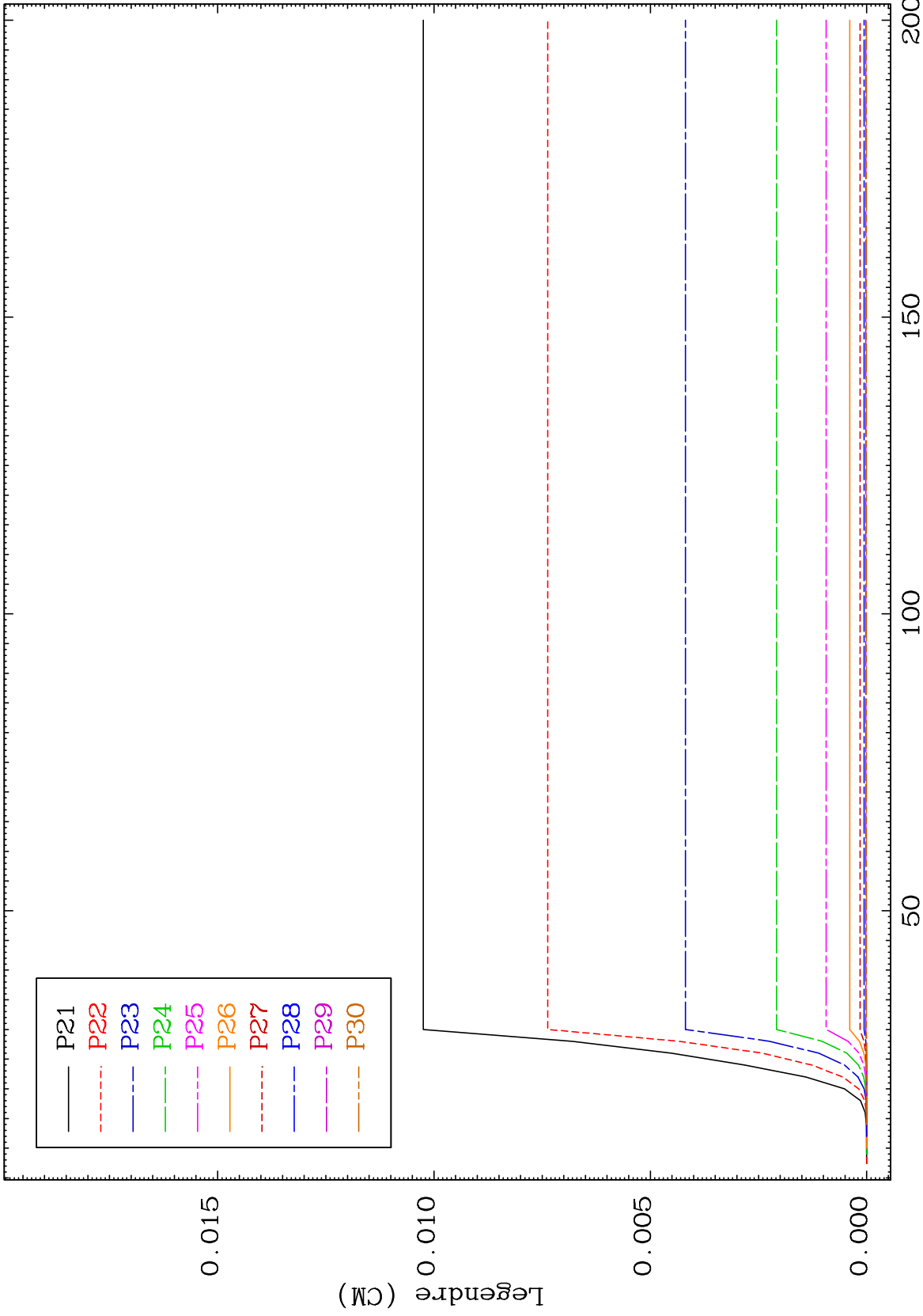
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

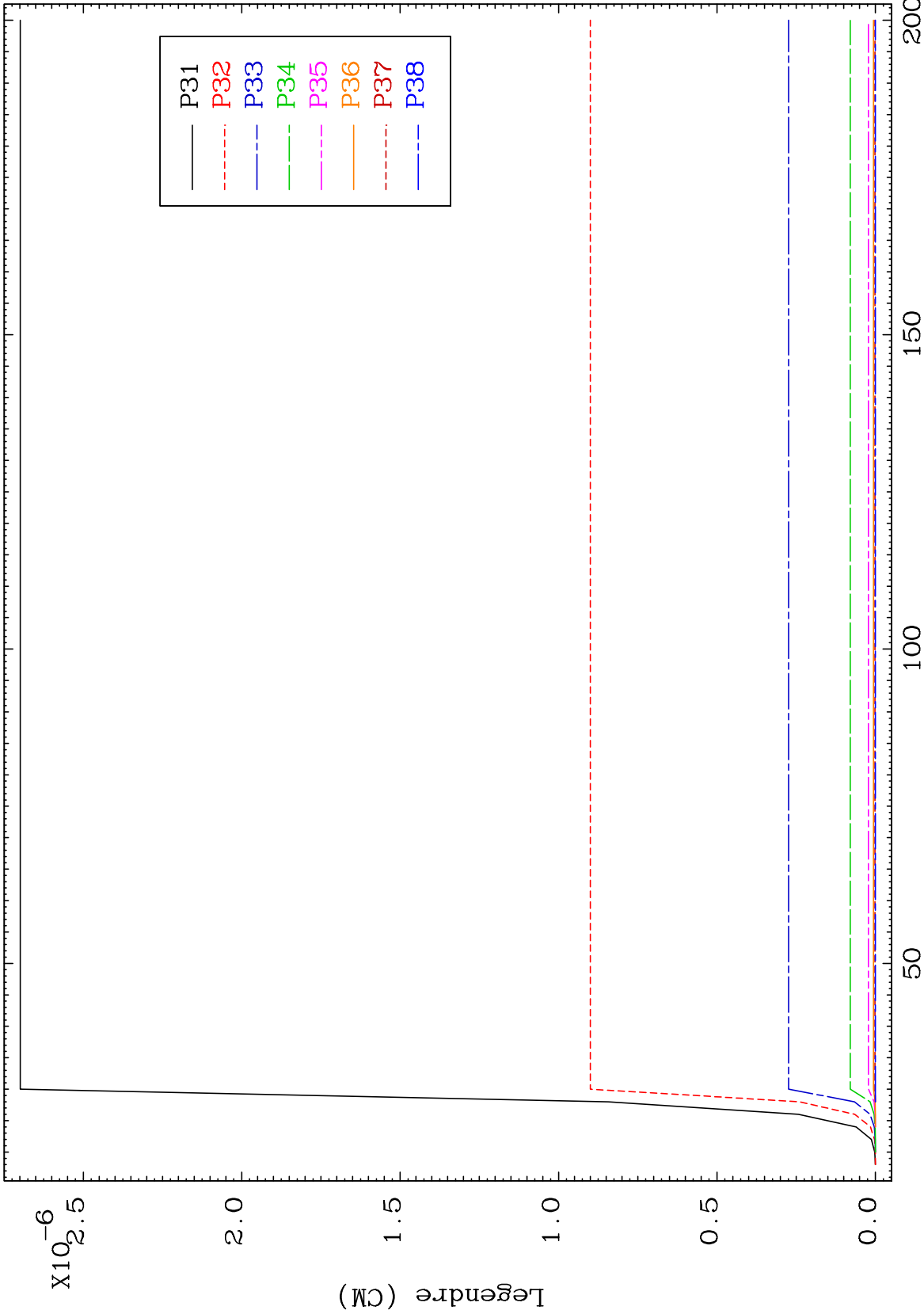
77-Ir-199



30

Incident Energy (MeV)

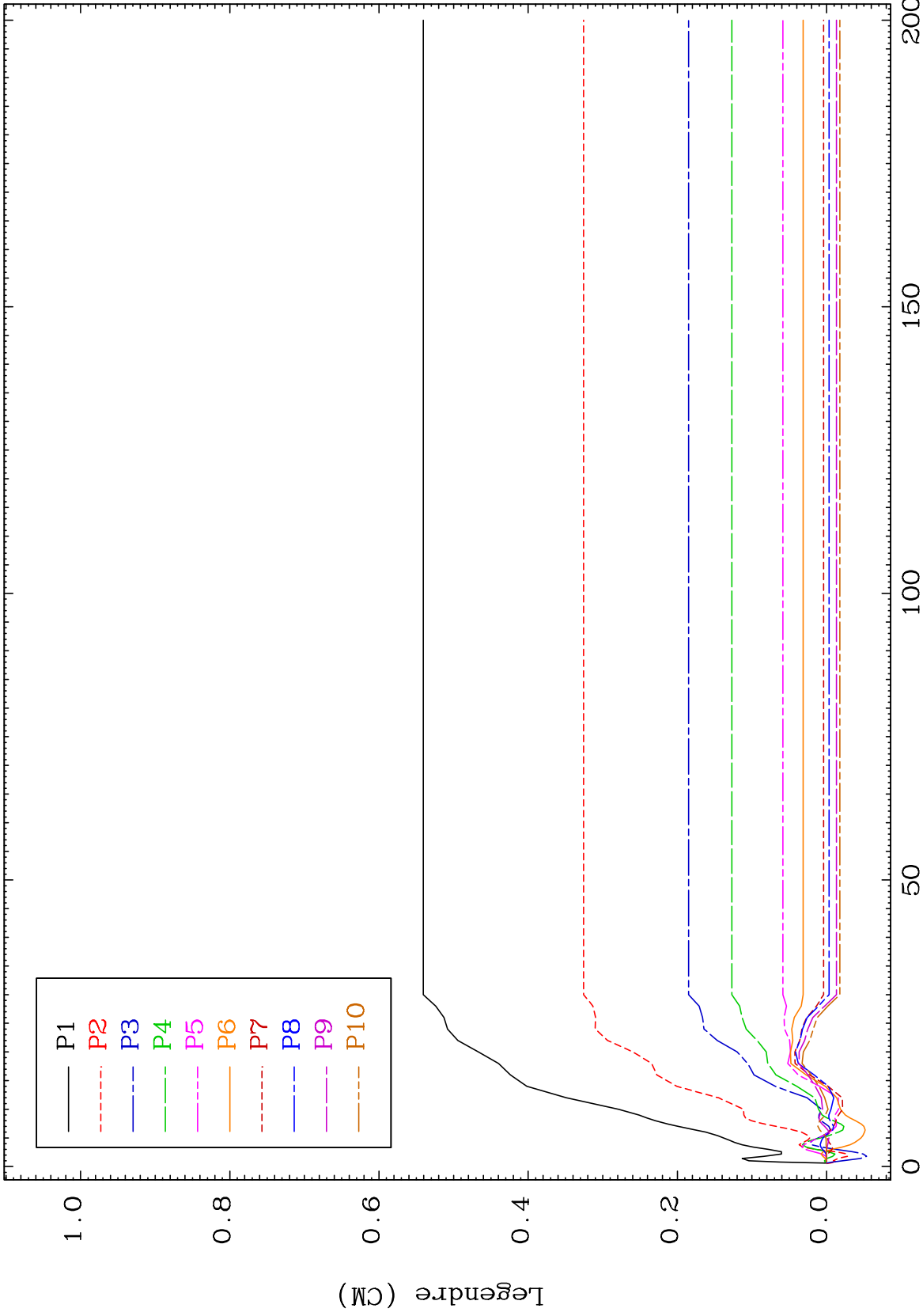
77-Ir-199



MAT 7749

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

77-Ir-199



32

Incident Energy (MeV)

77-Ir-199

MAT 7749

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

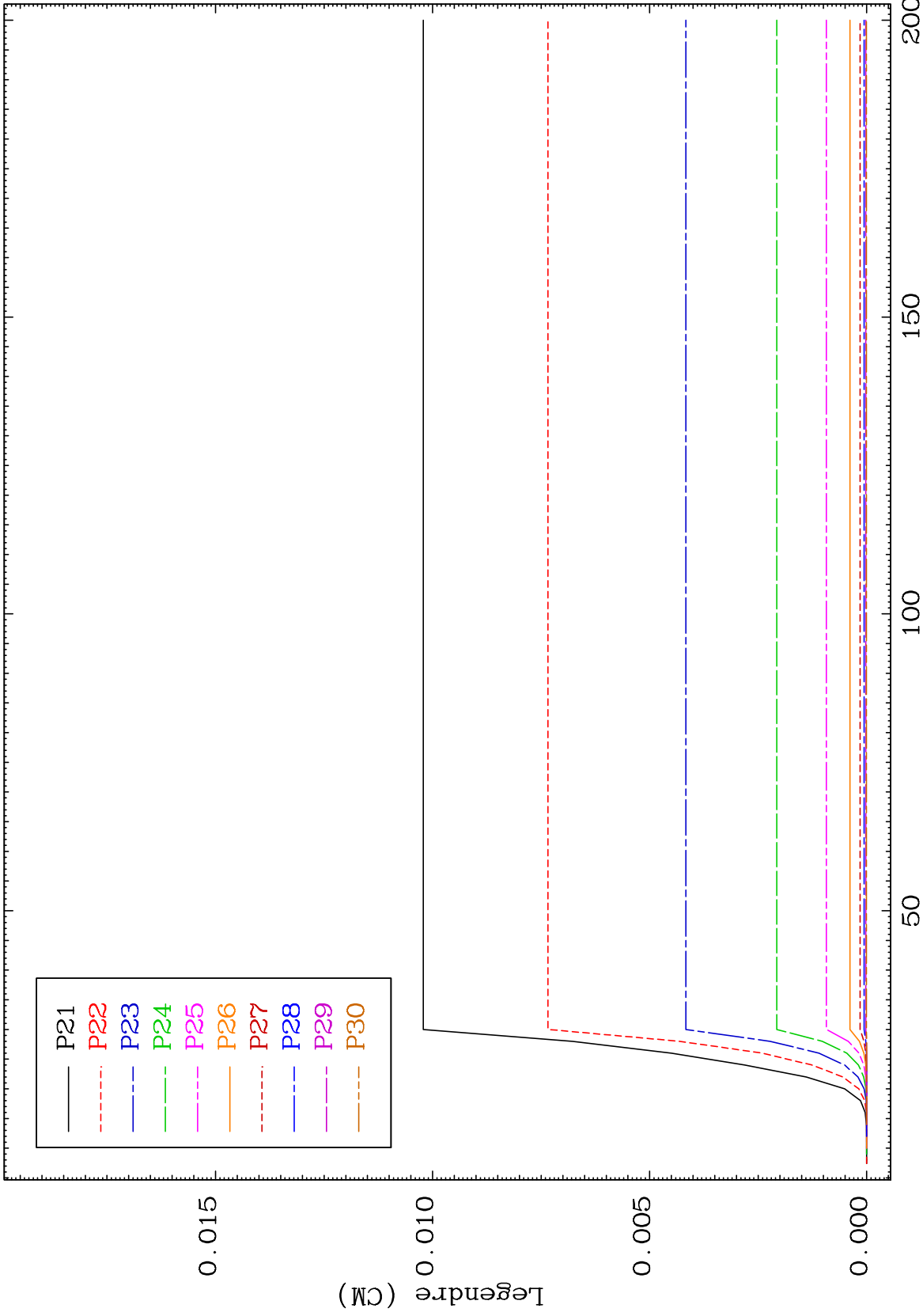
77-Ir-199



33

Incident Energy (MeV)

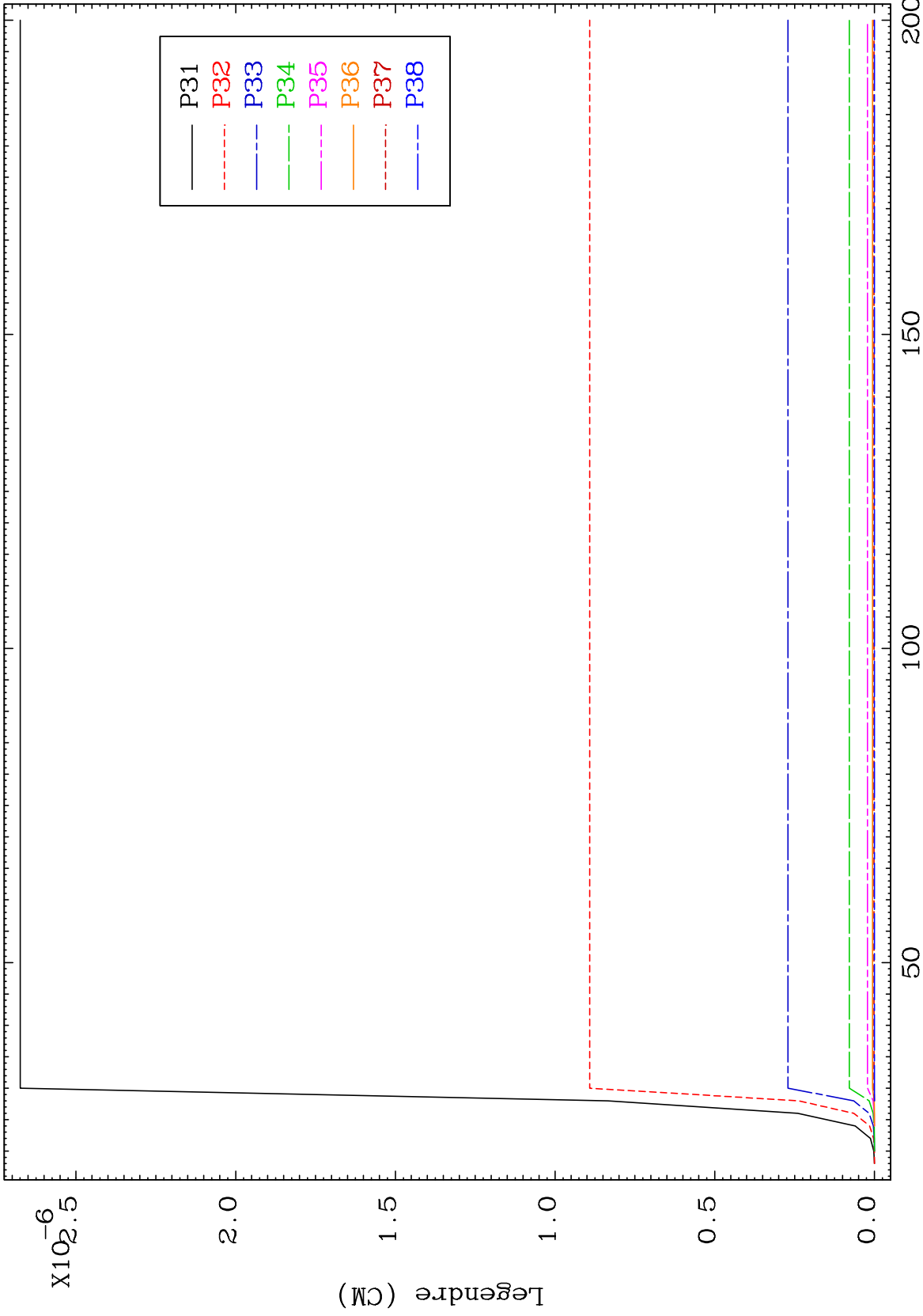
77-Ir-199



MAT 7749

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

77-Ir-199



35

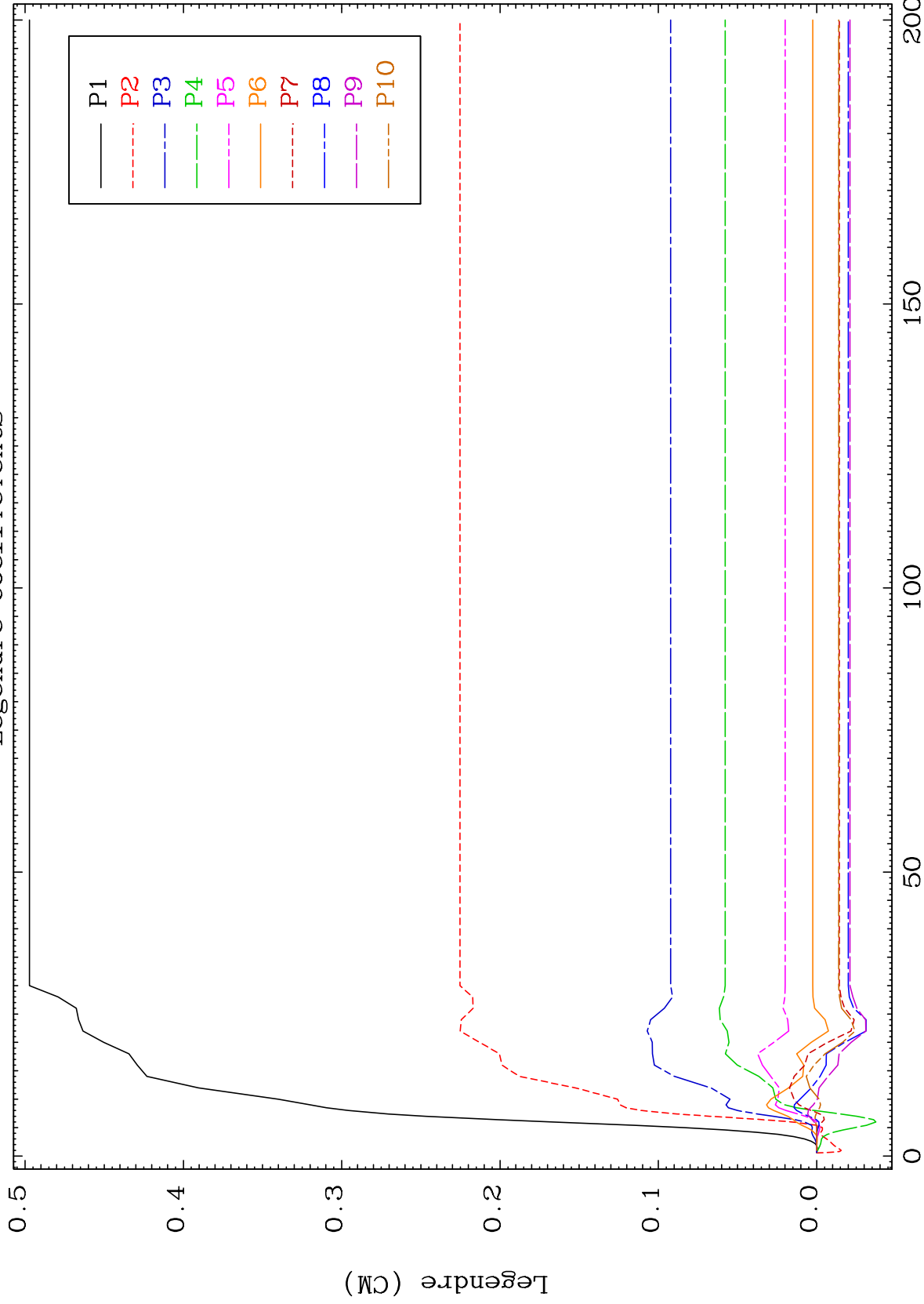
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



36

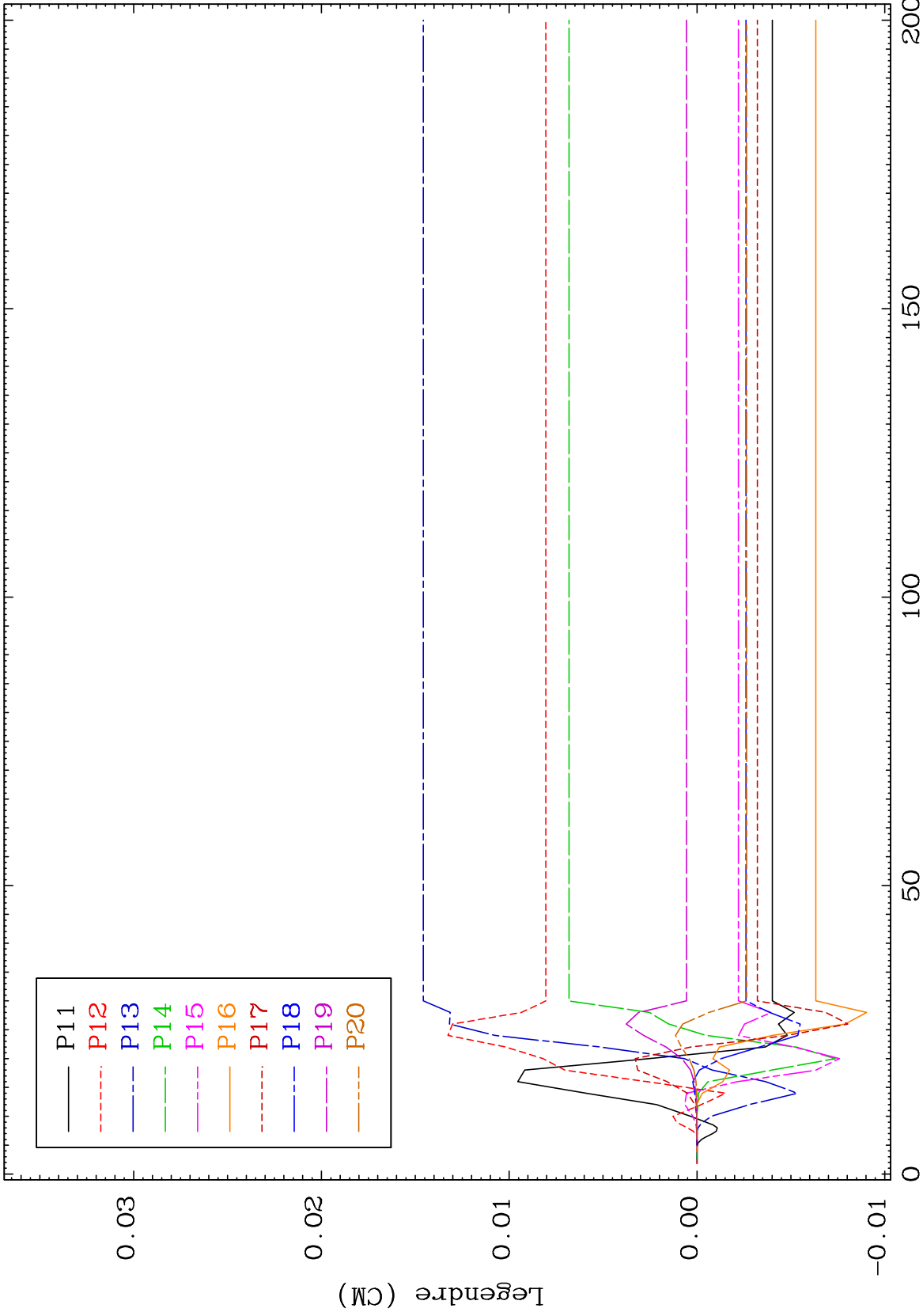
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



37

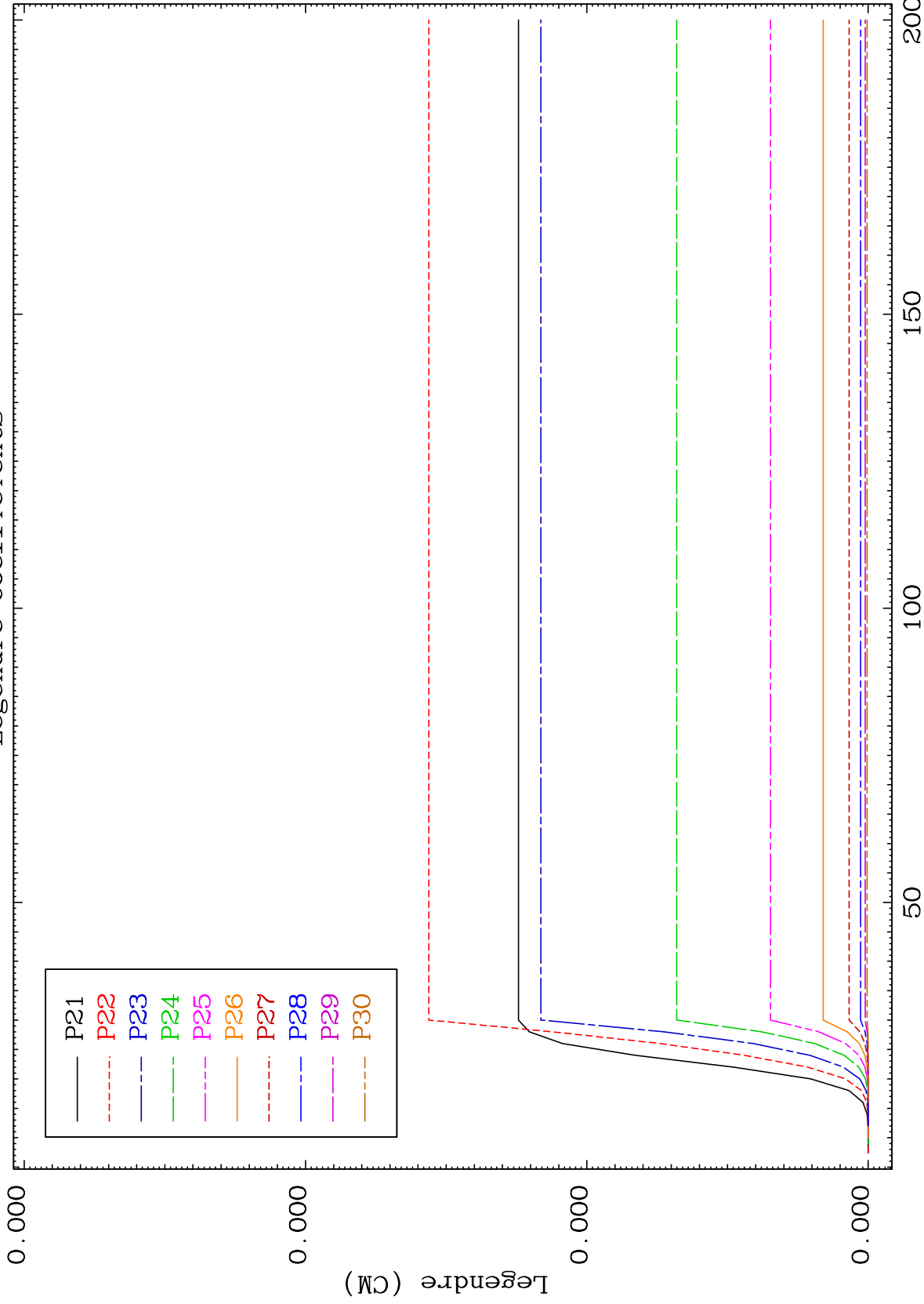
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



38

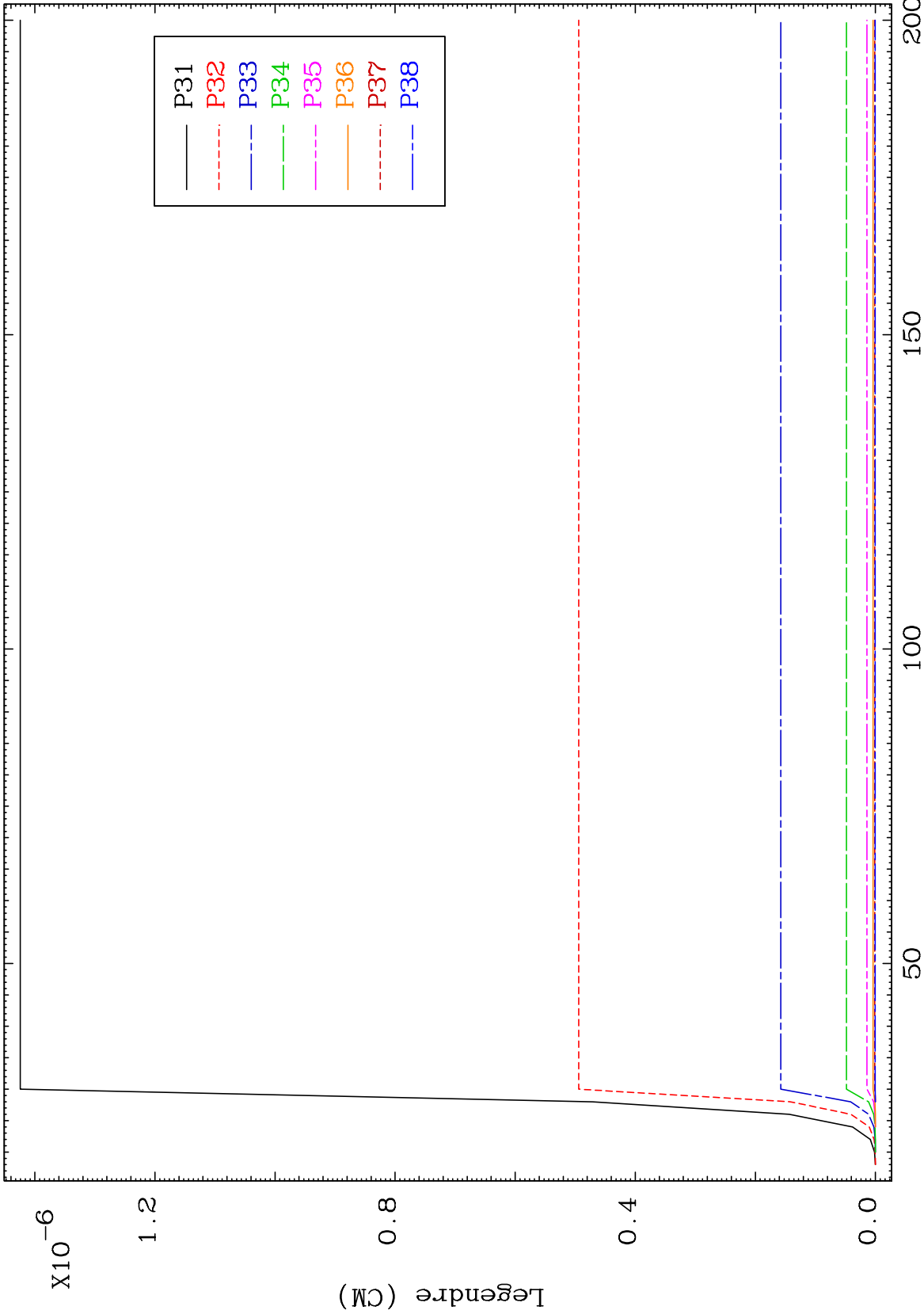
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



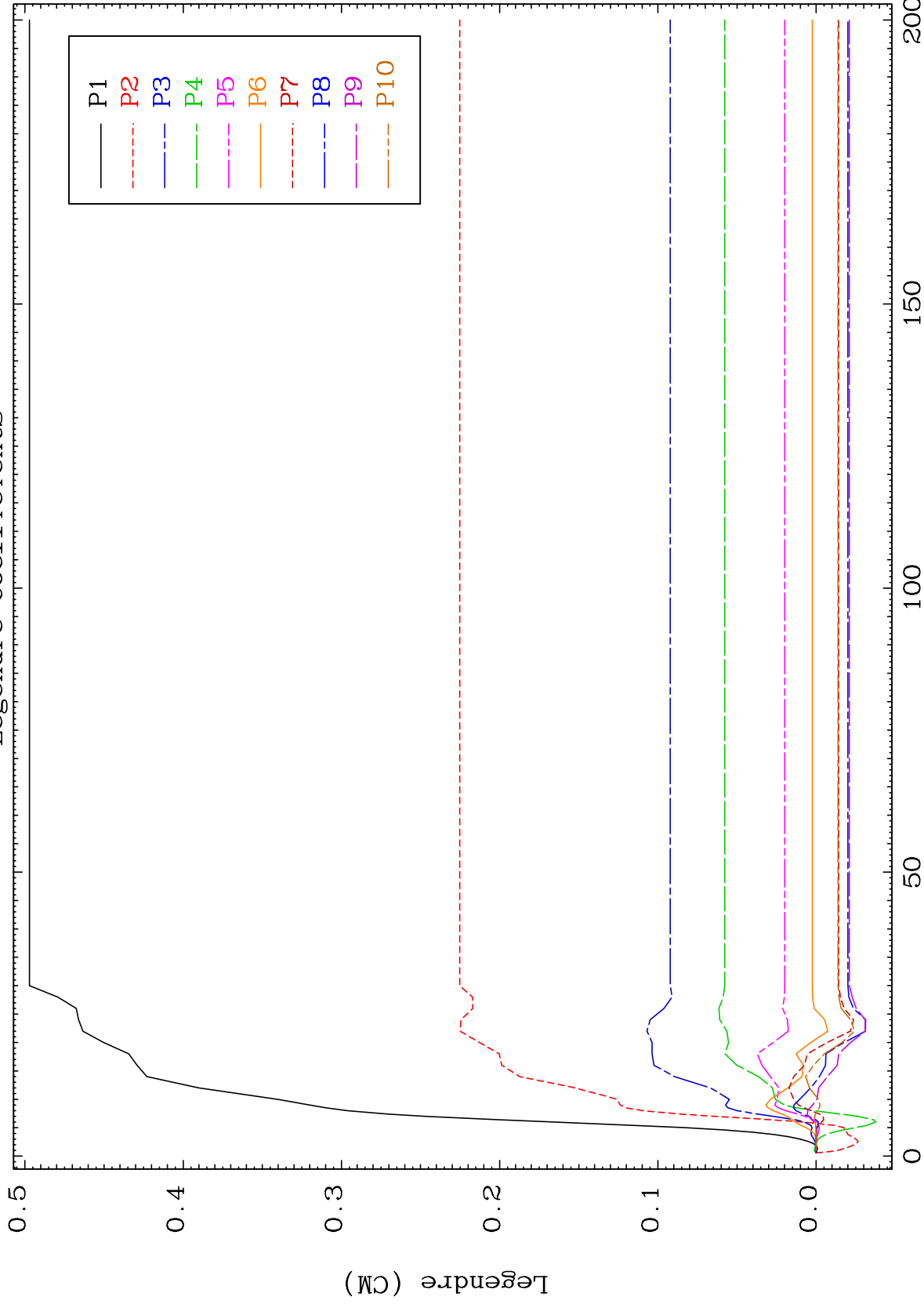
39

77-Ir-199

MAT 7749

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

77-Ir-199



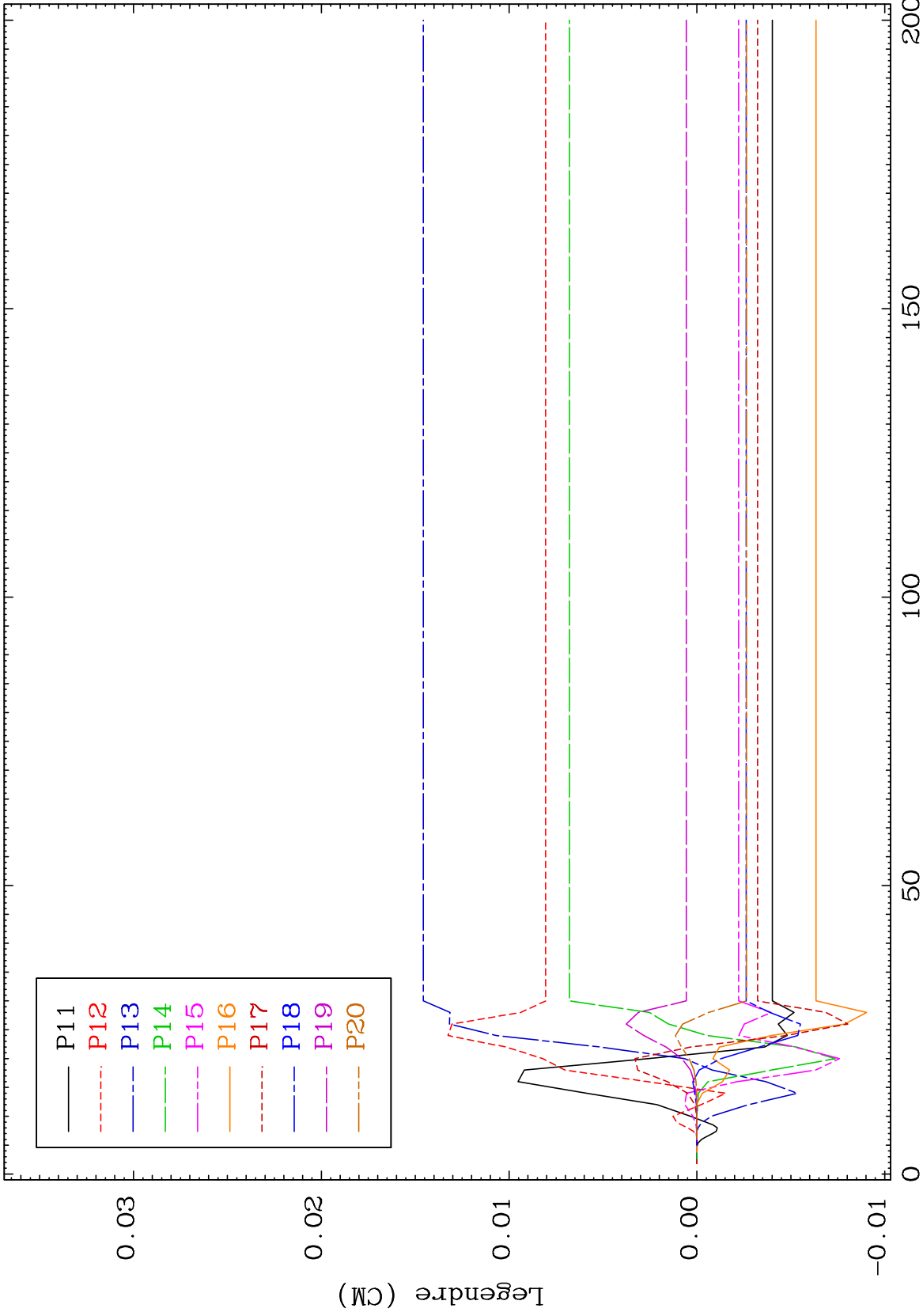
77-Ir-199

Incident Energy (MeV)

MAT 7749

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

77-Ir-199



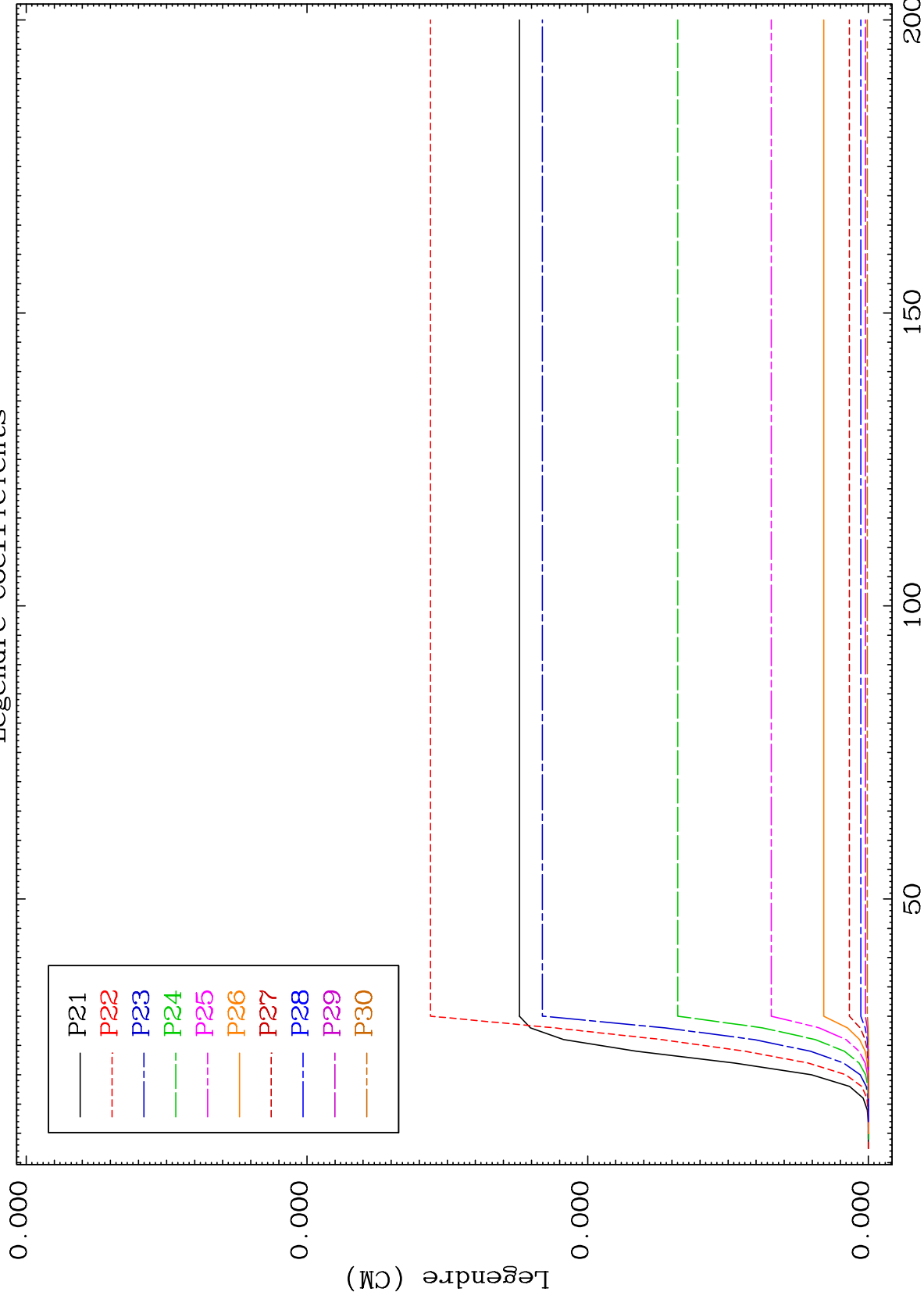
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77-Ir-199

MAT 7749

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

77-Ir-199



42

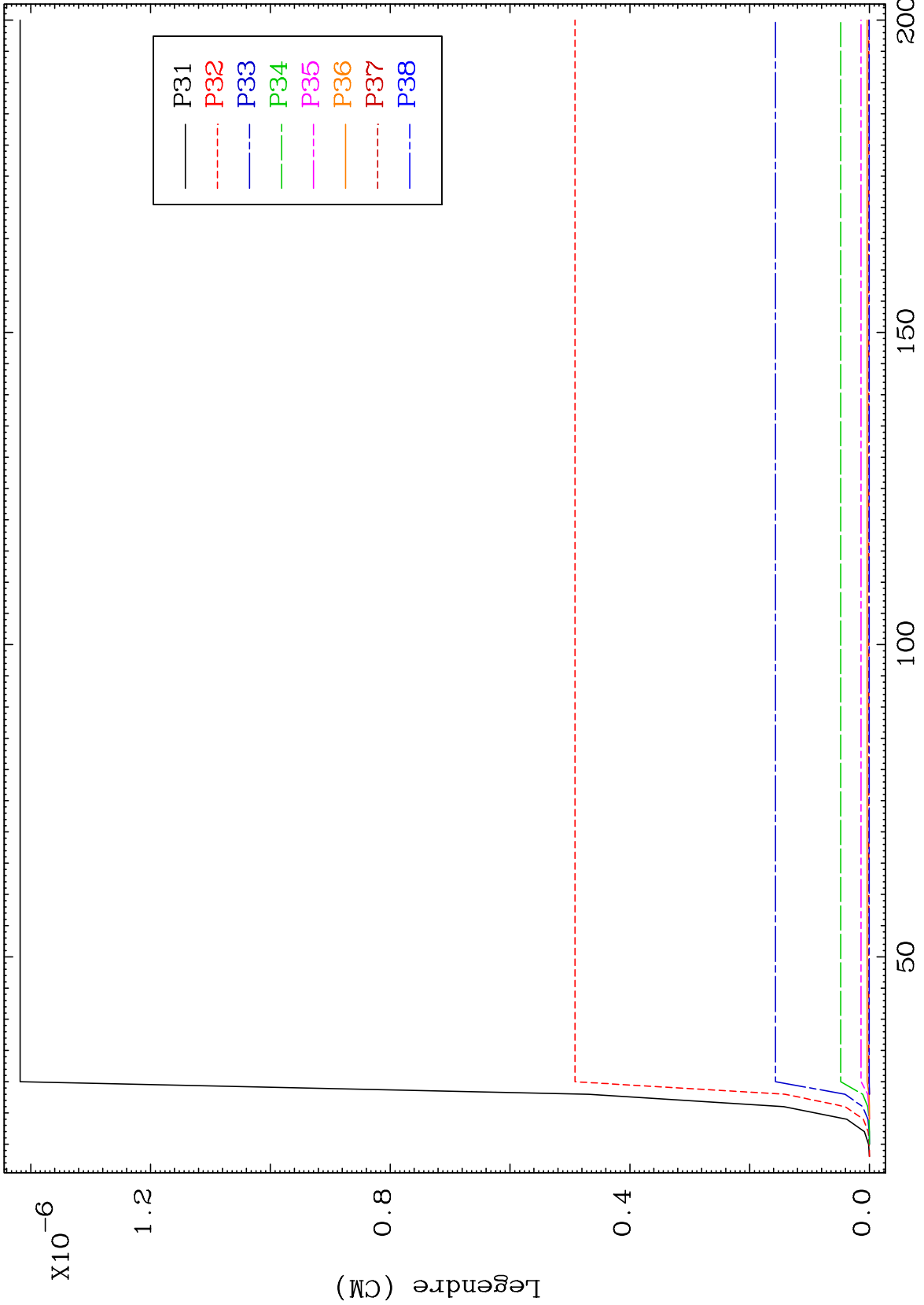
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



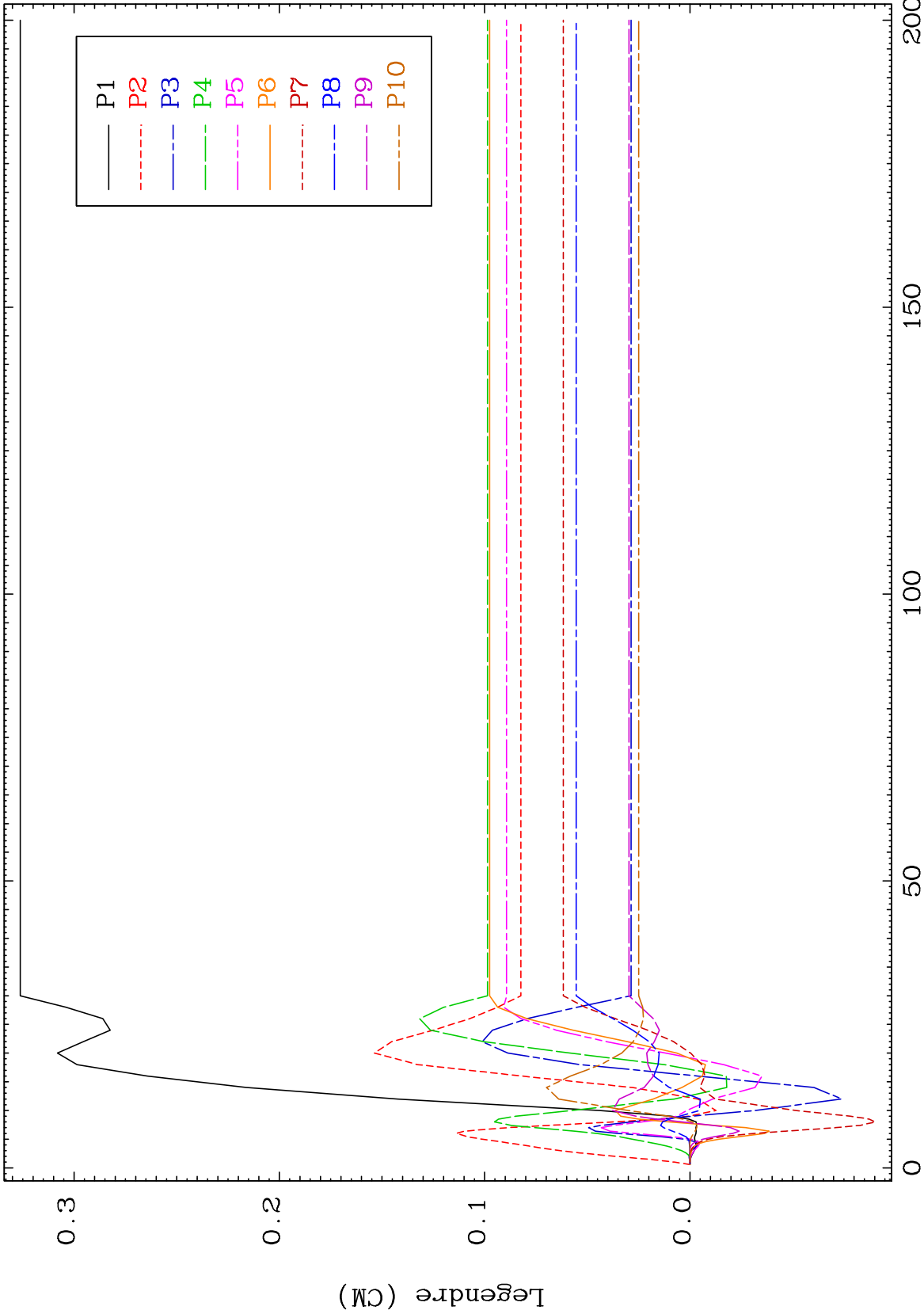
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77-Ir-199

MAT 7749

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

77-Ir-199



44

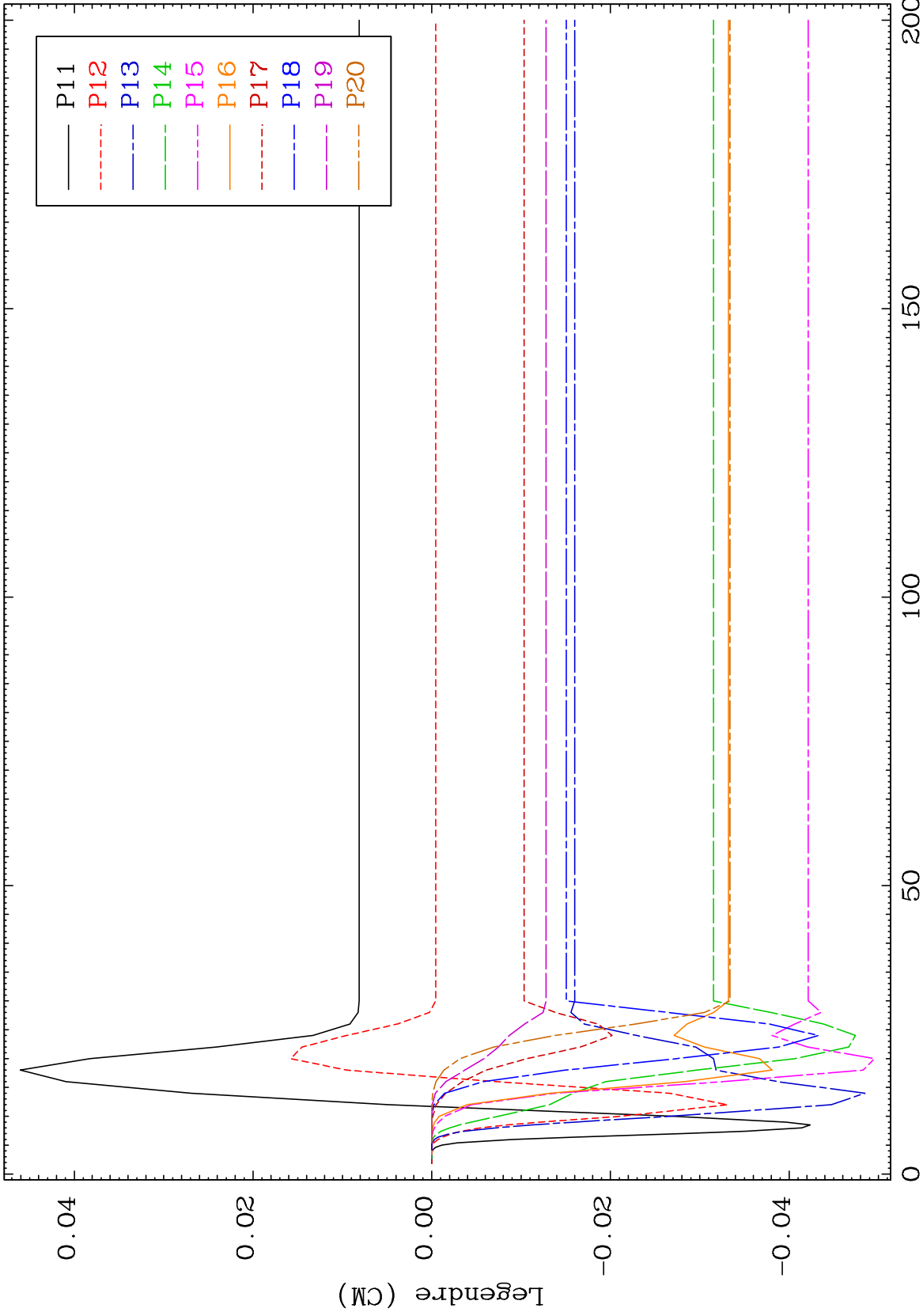
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



45

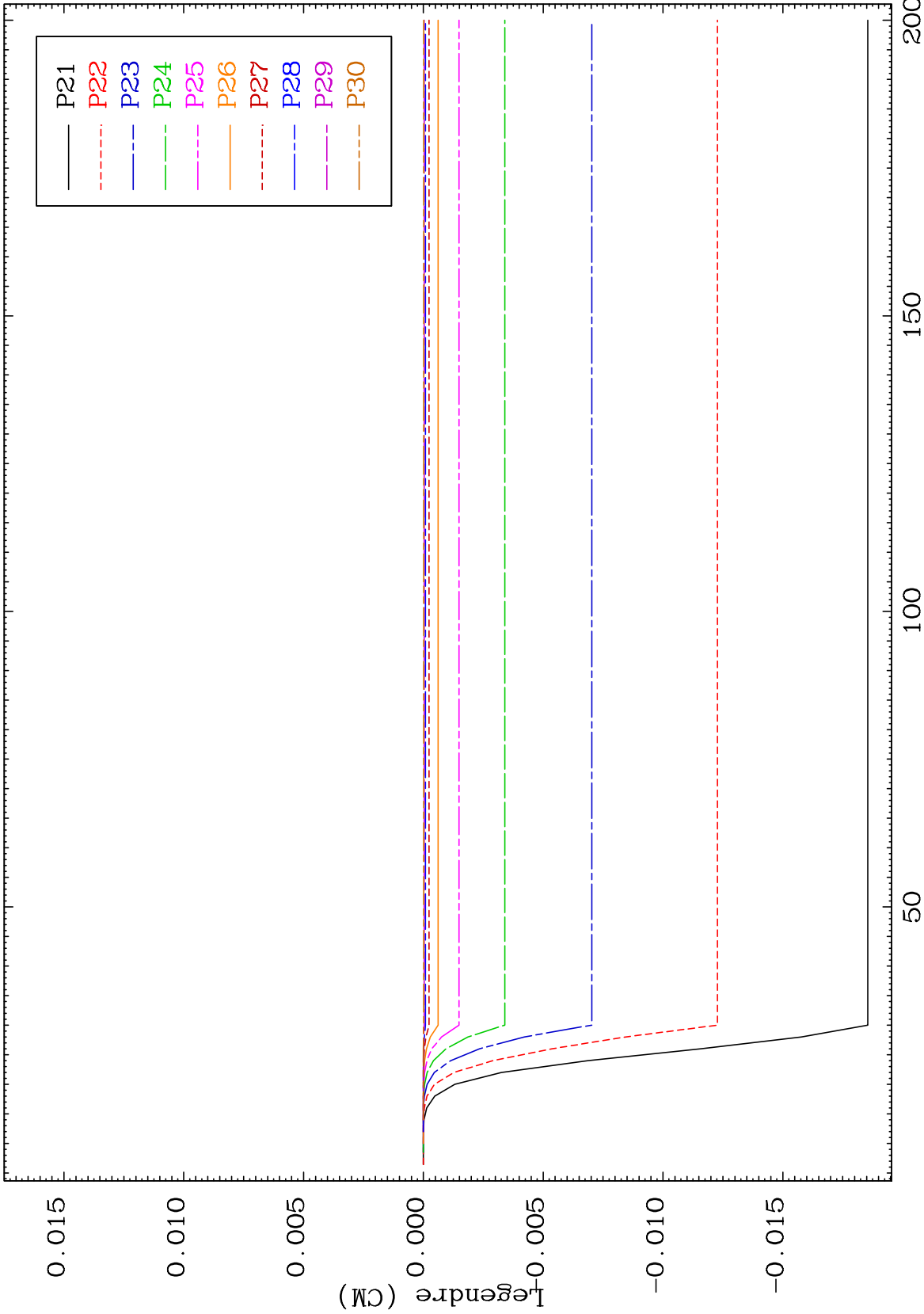
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



46

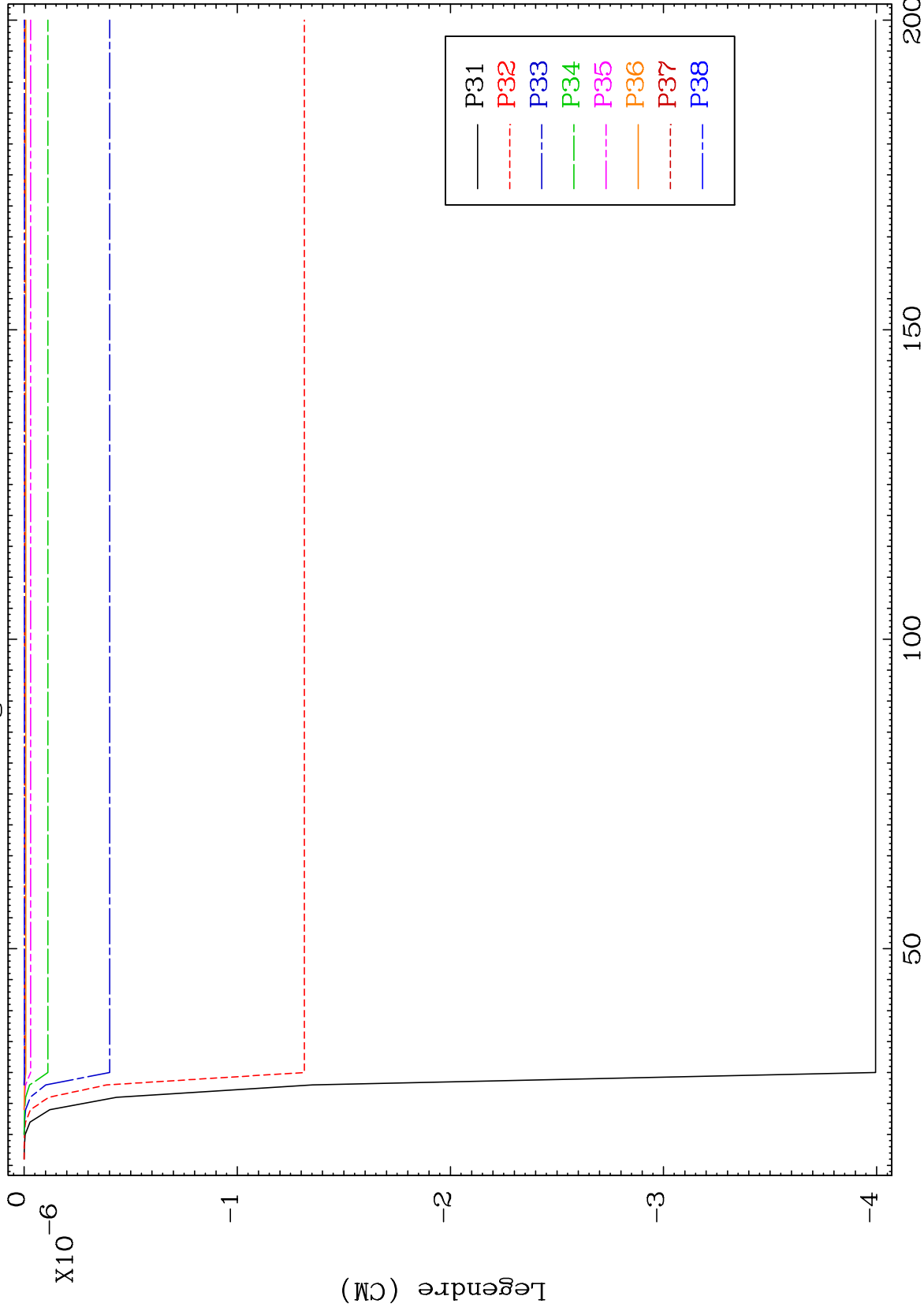
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



47

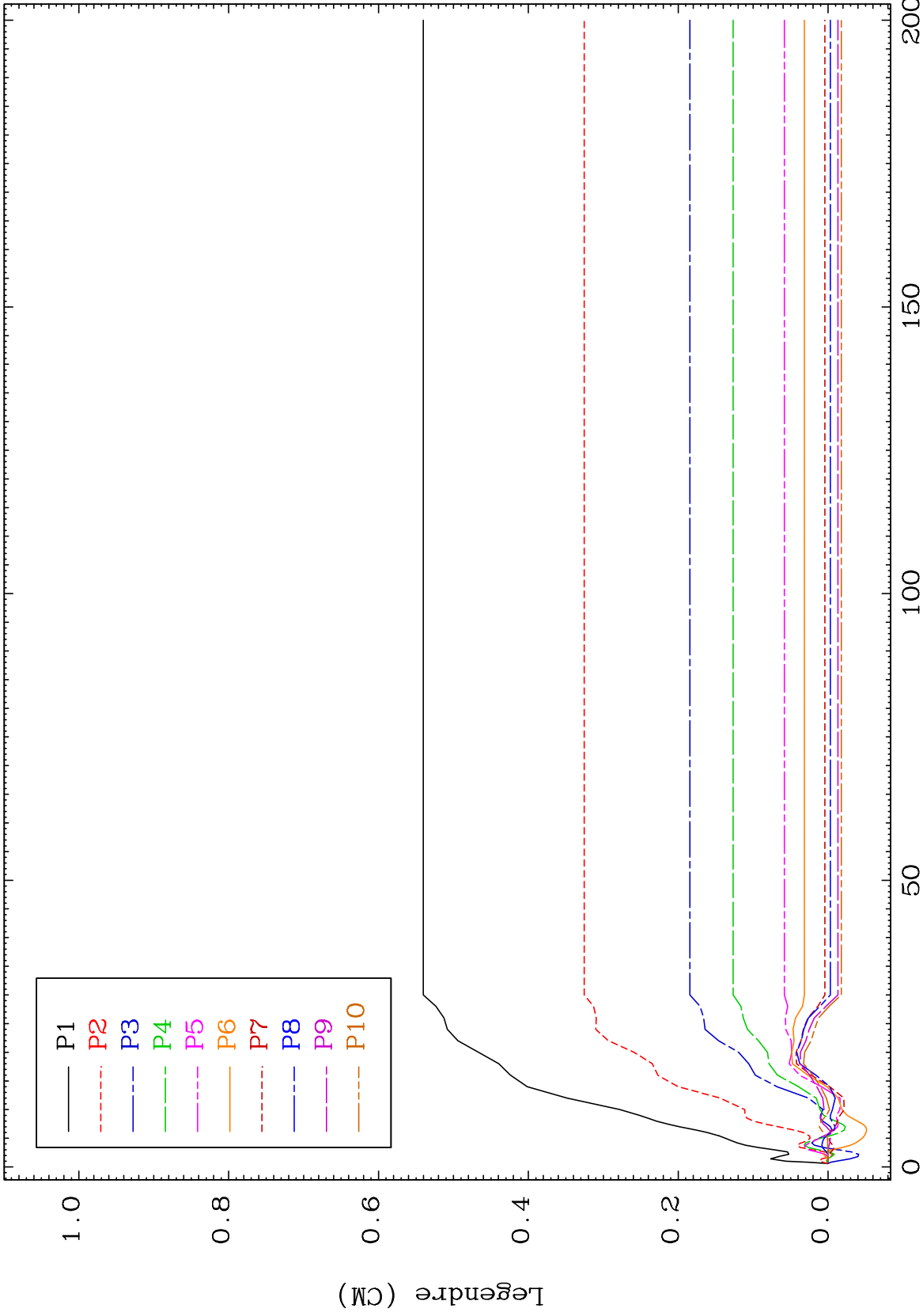
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



48

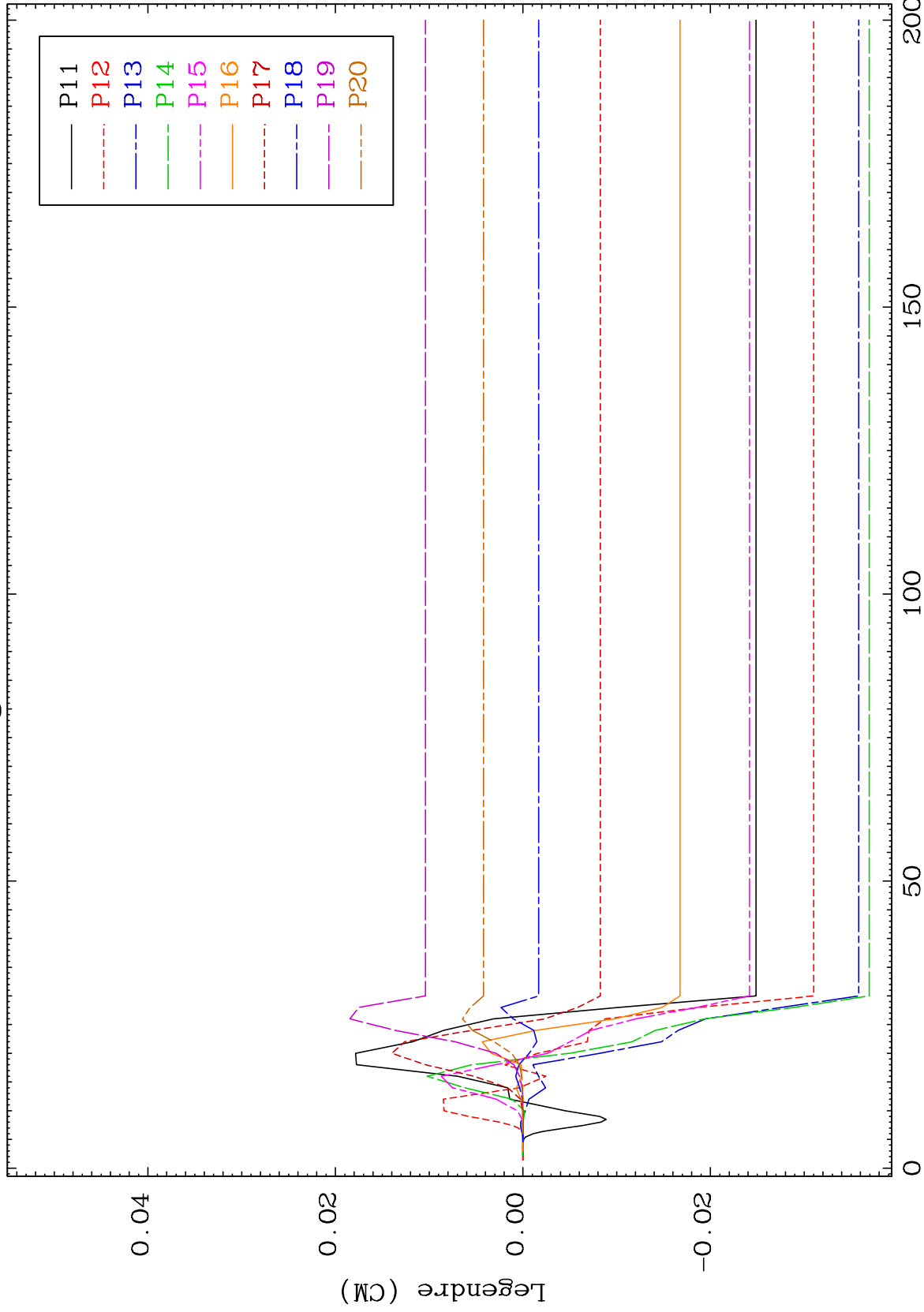
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



49

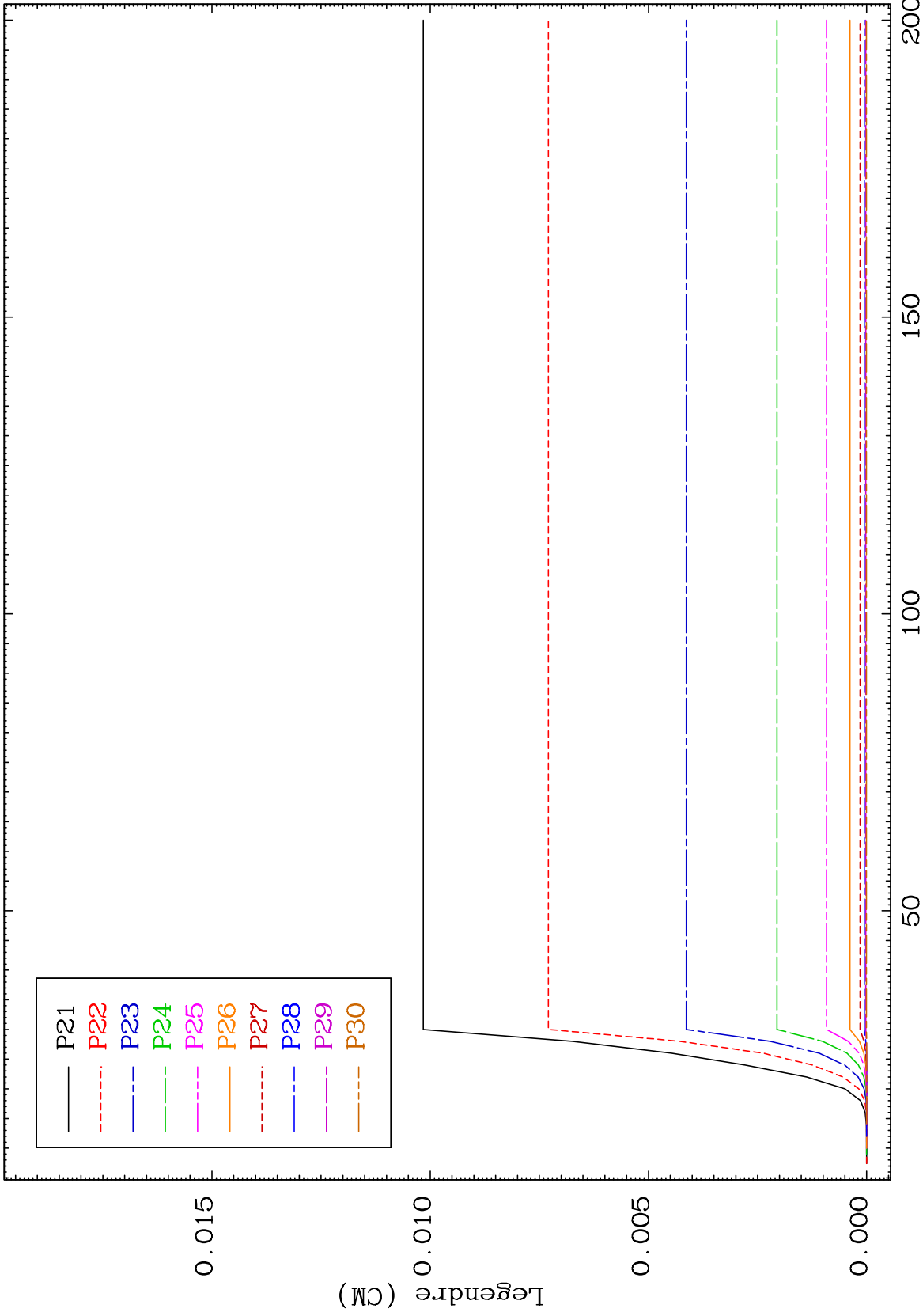
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

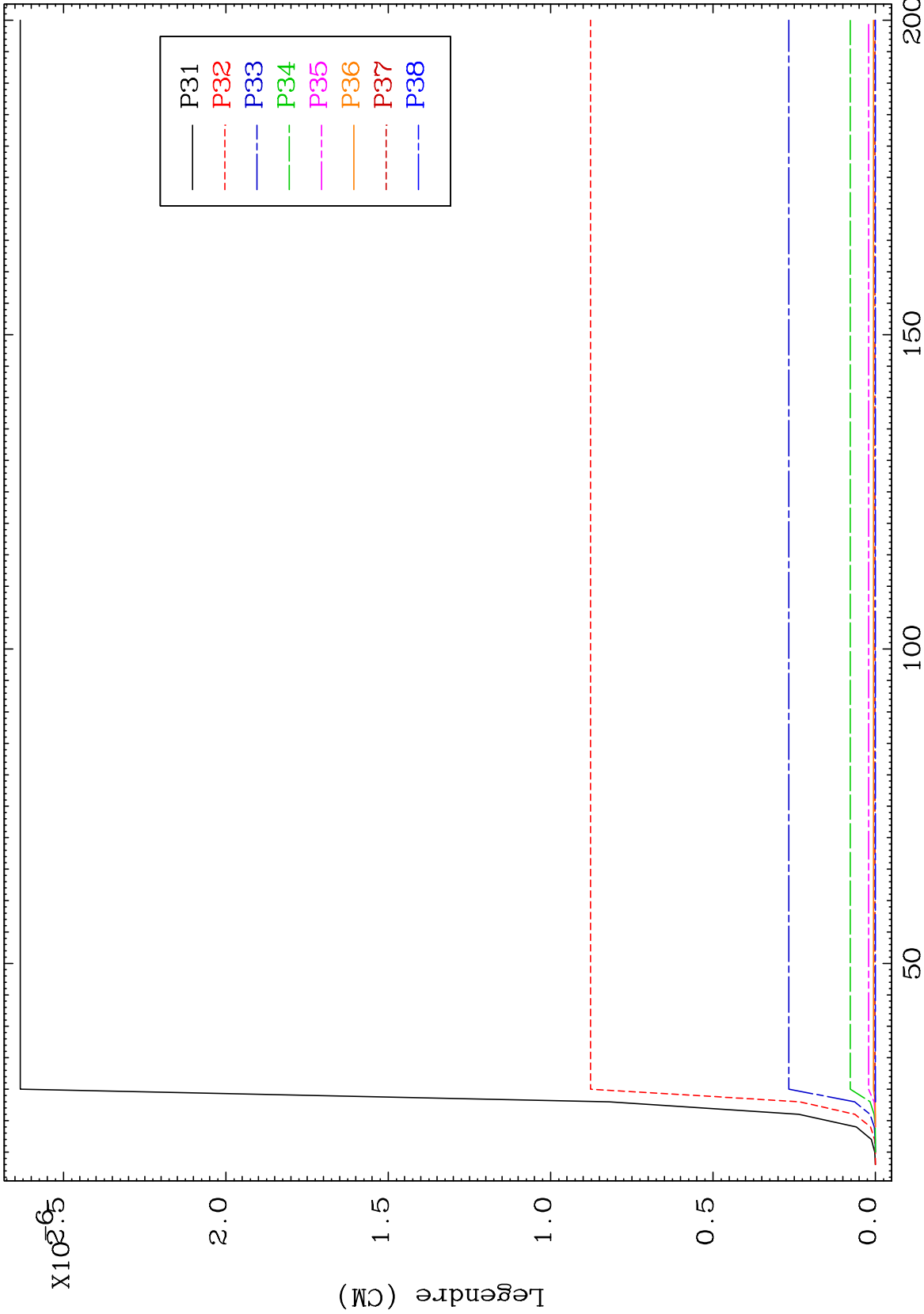
77-Ir-199



50

Incident Energy (MeV)

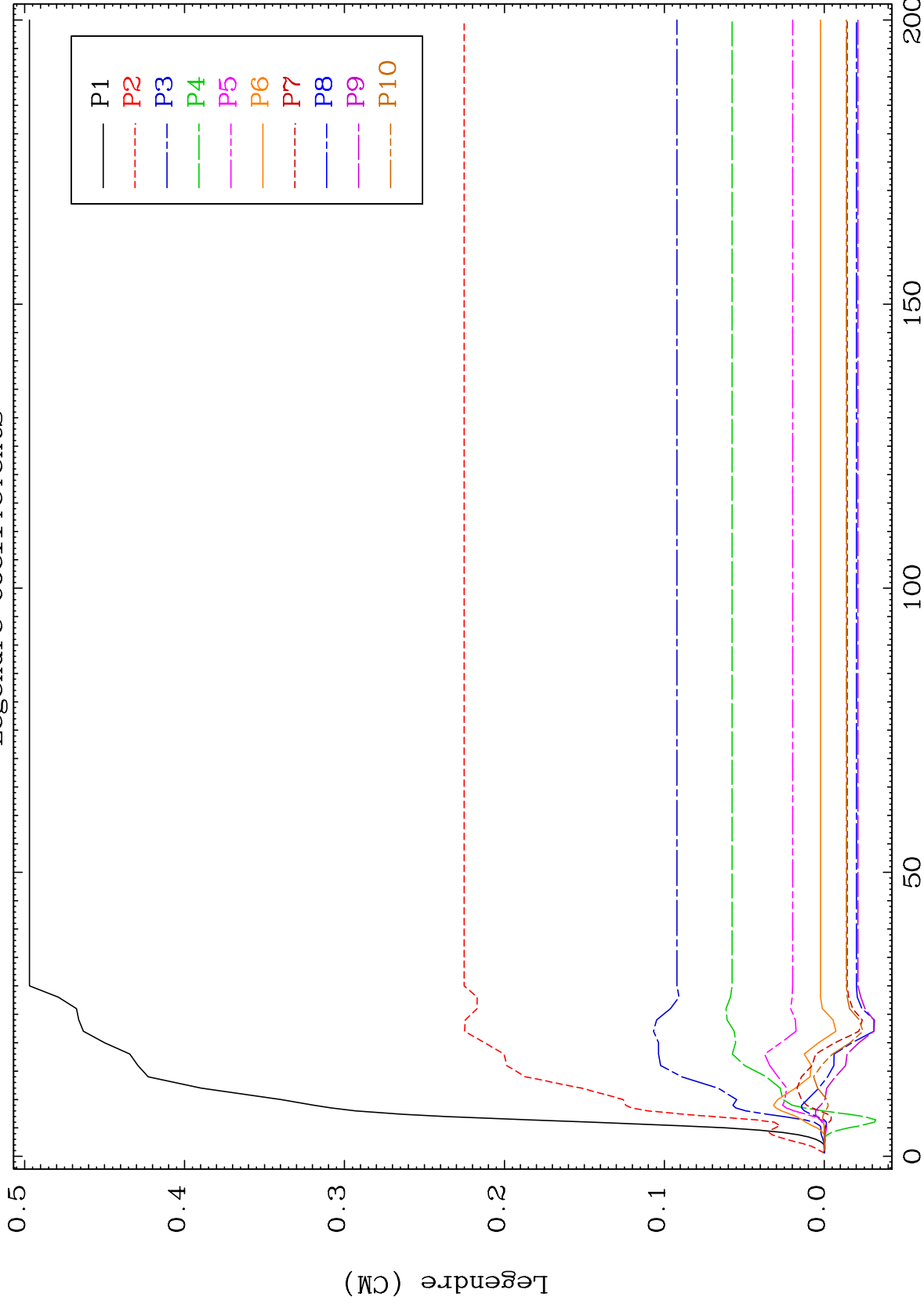
77-Ir-199



MAT 7749

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

77-Ir-199



52

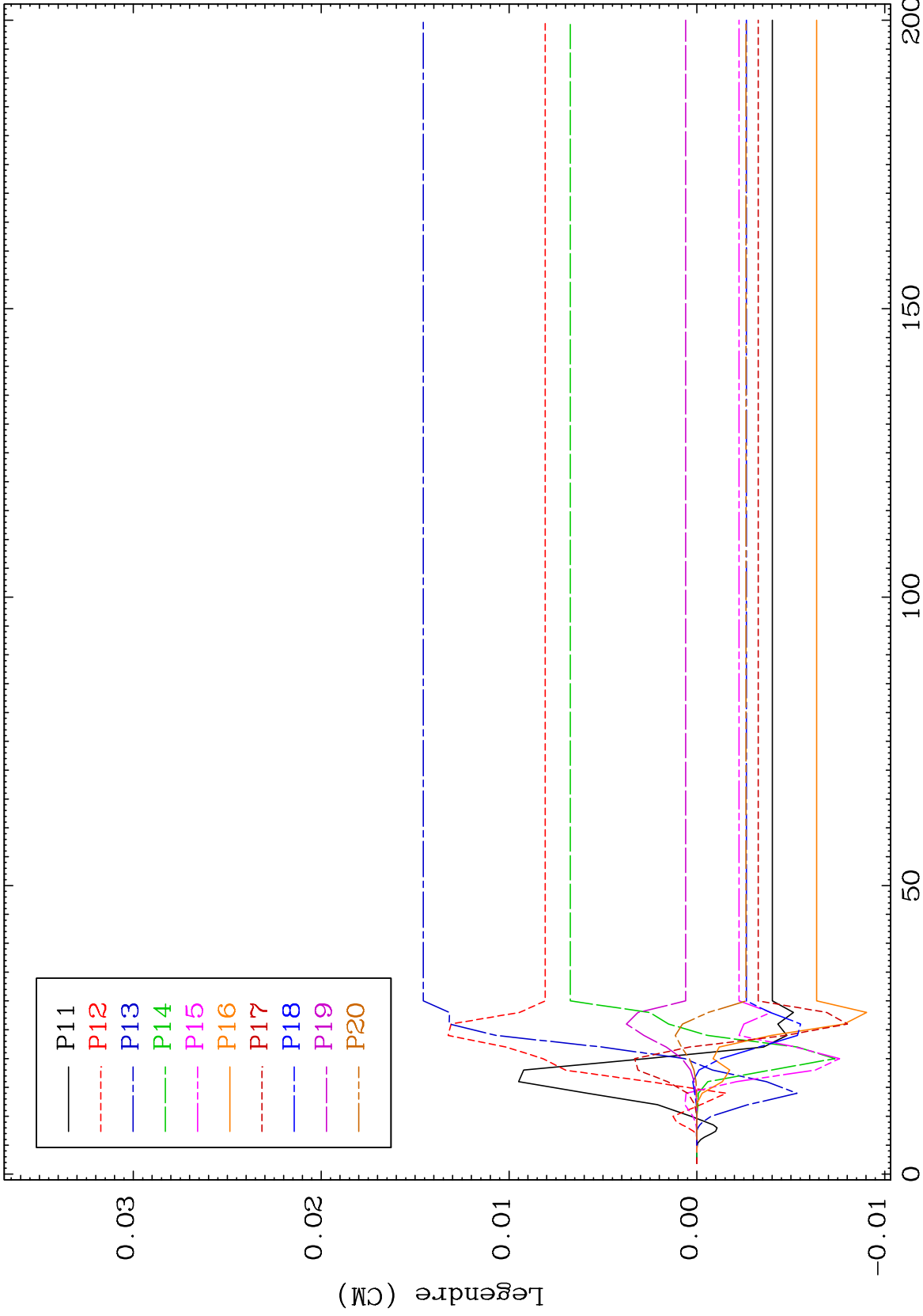
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



53

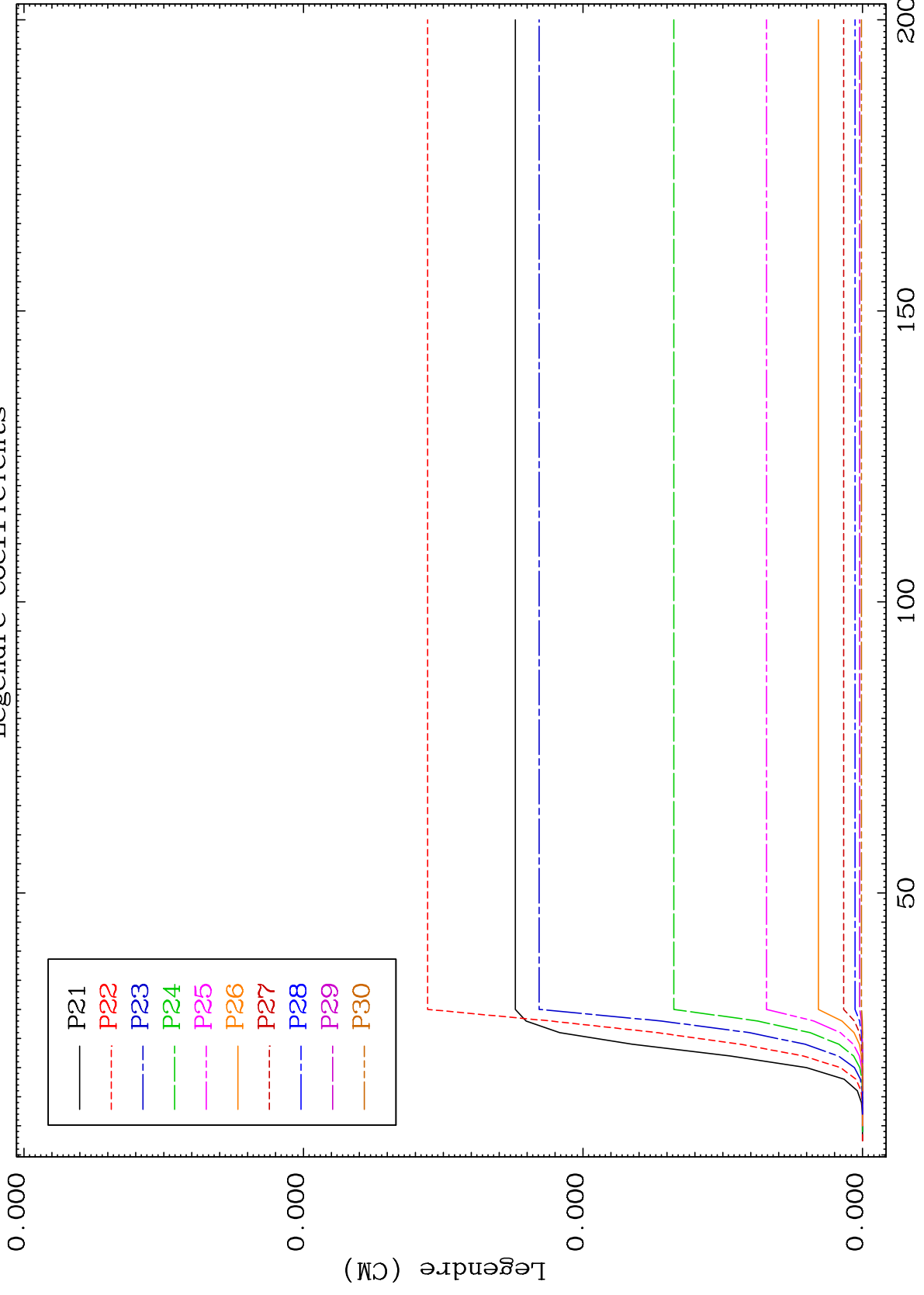
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

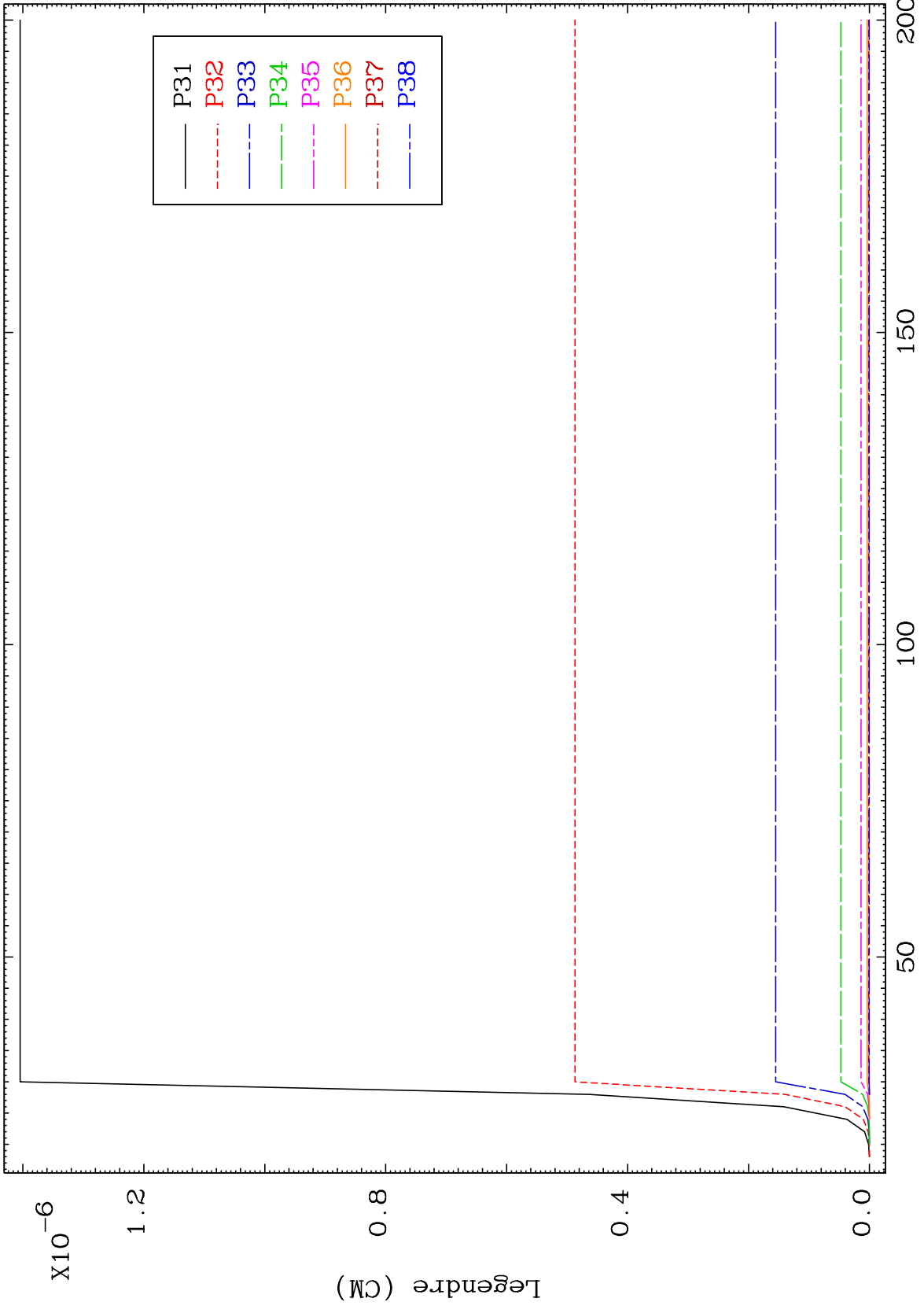
77-Ir-199



MAT 7749

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

77-Ir-199



55

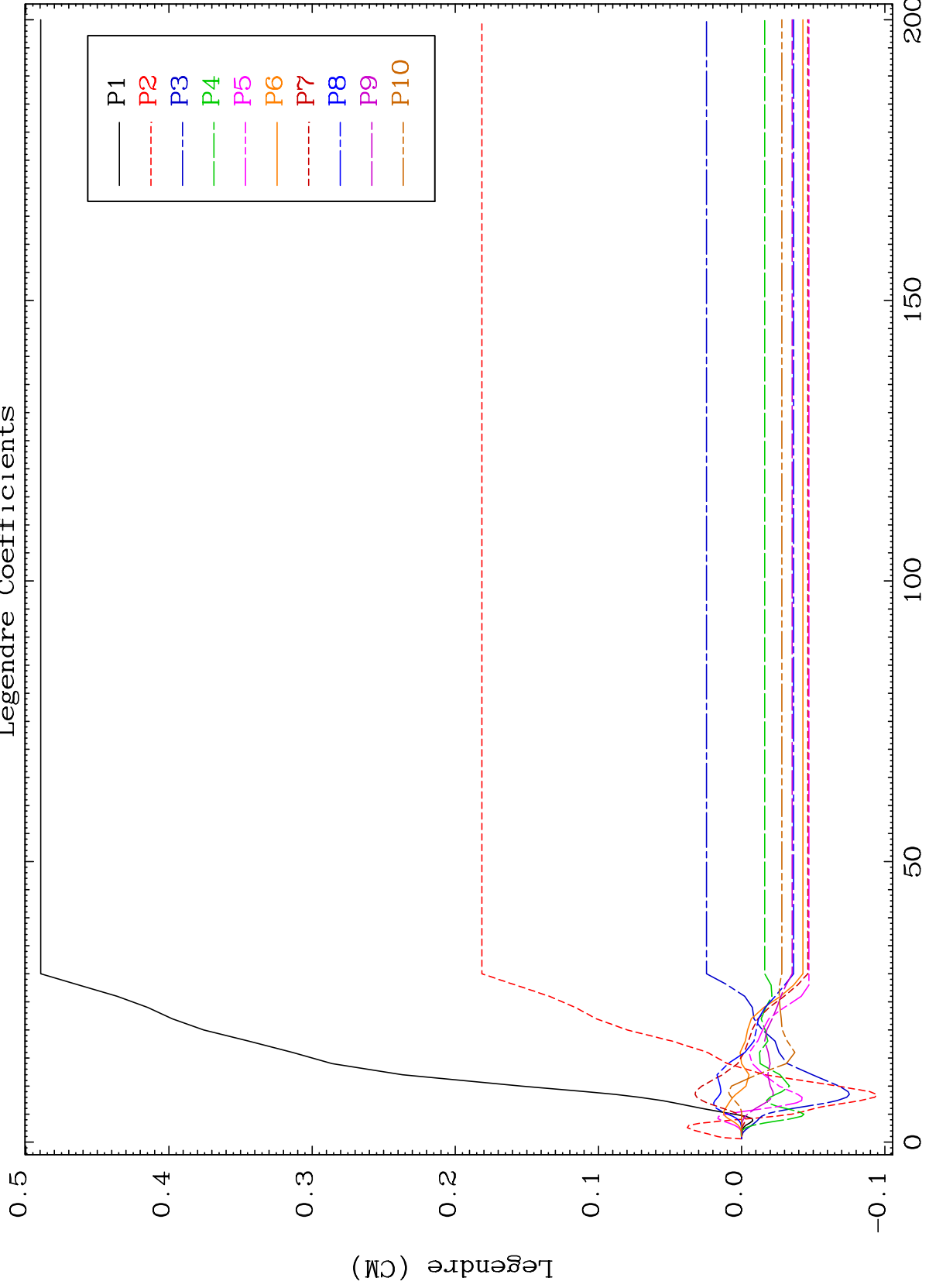
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



56

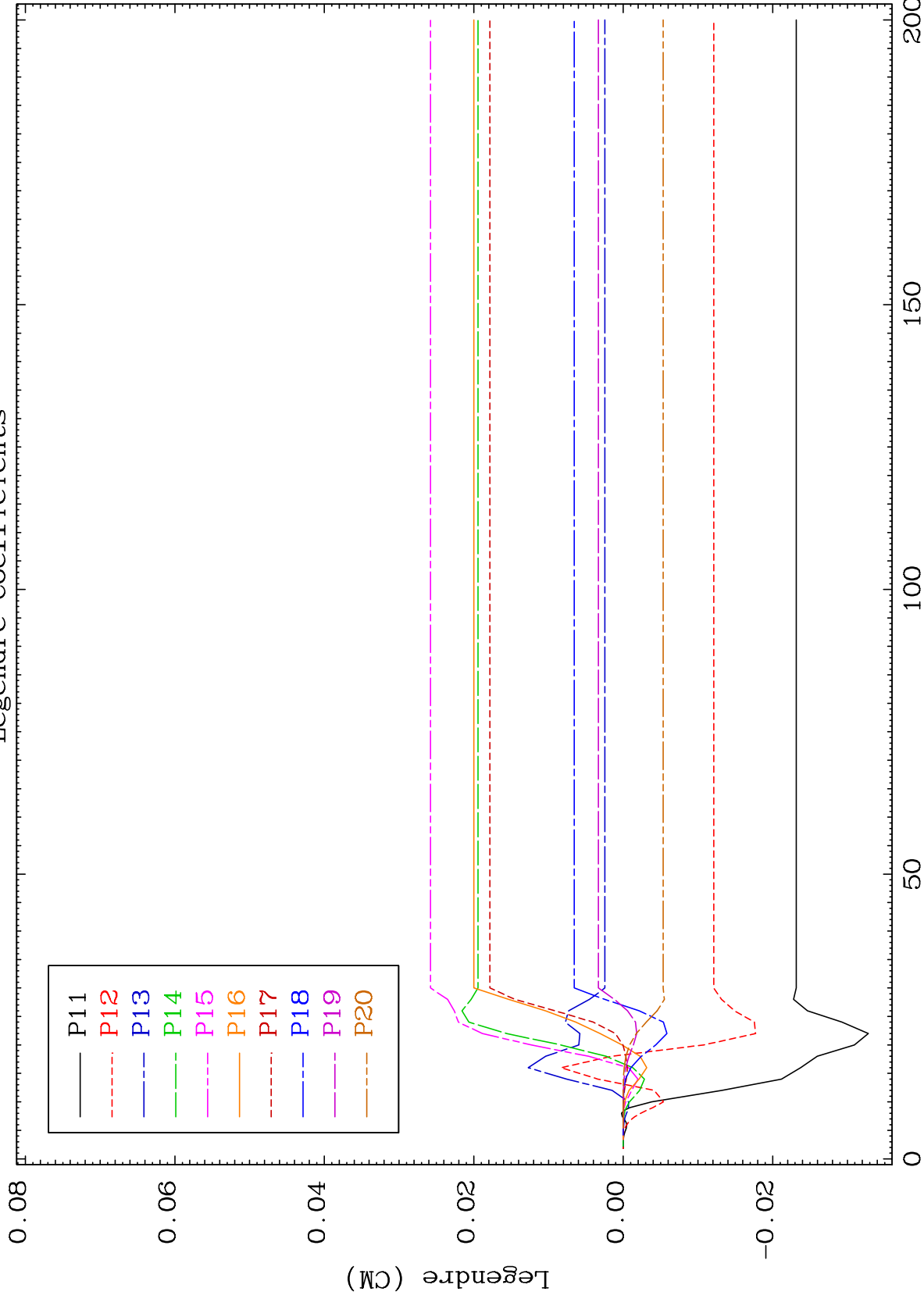
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



57

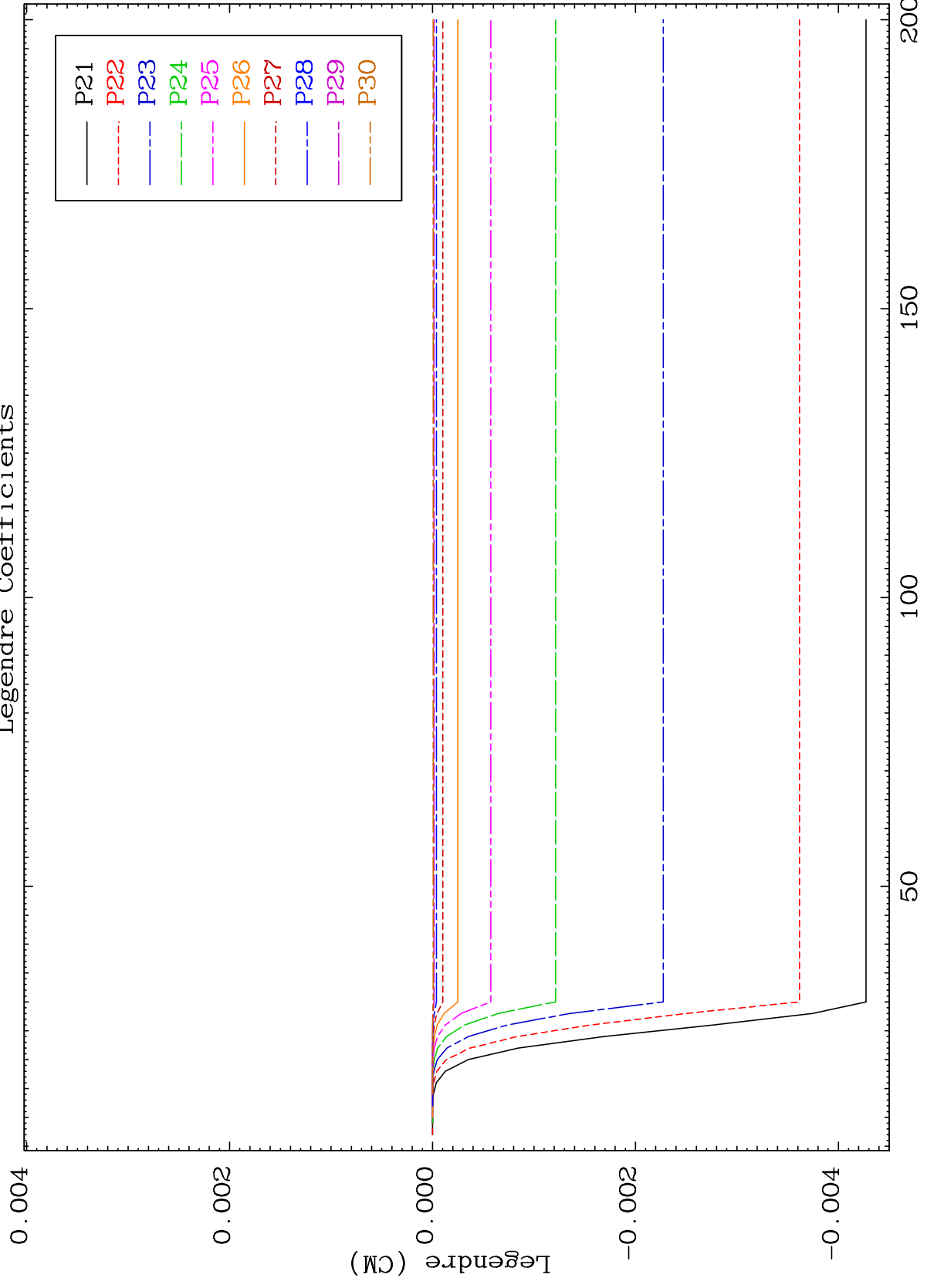
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

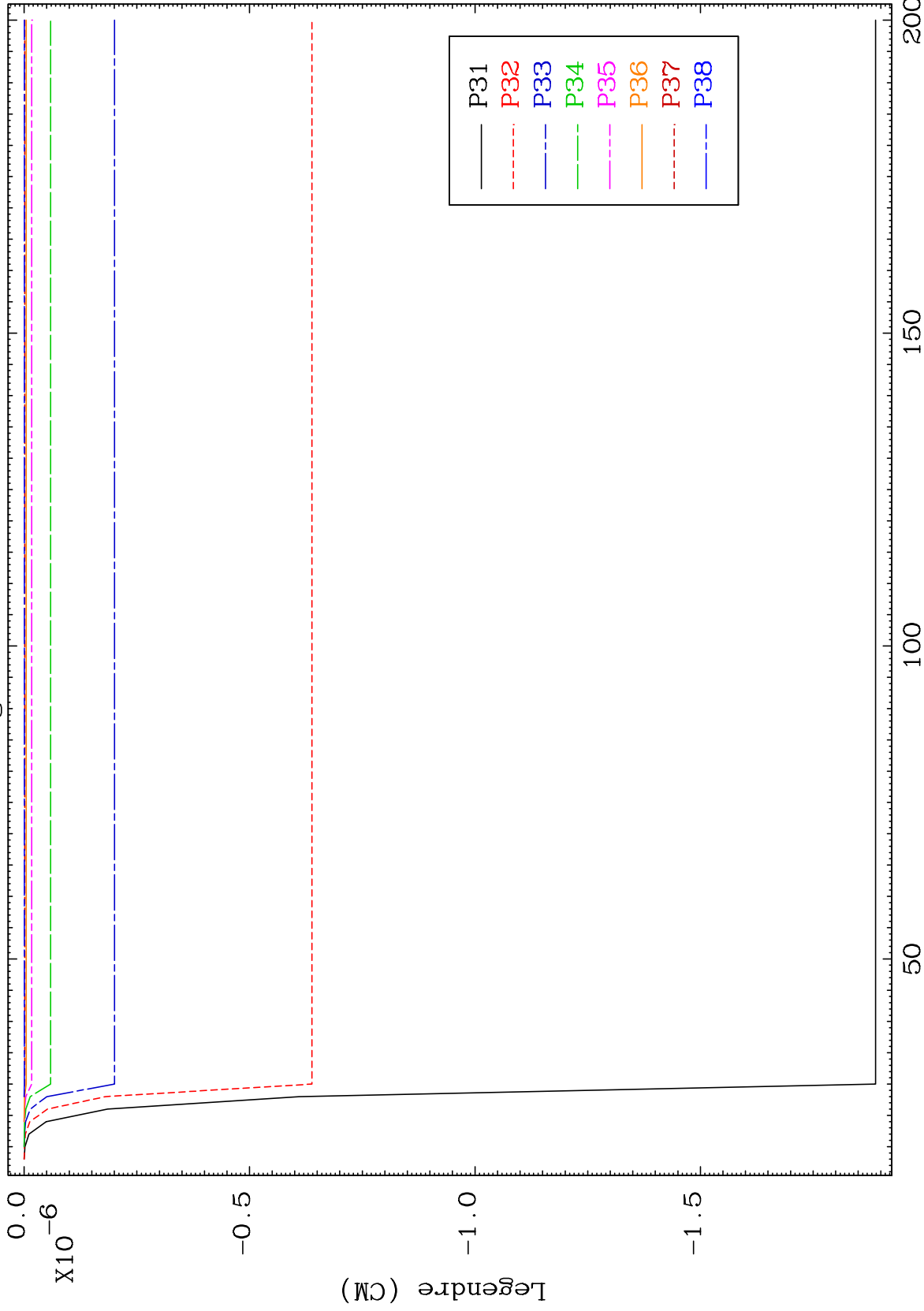
77-Ir-199



58

Incident Energy (MeV)

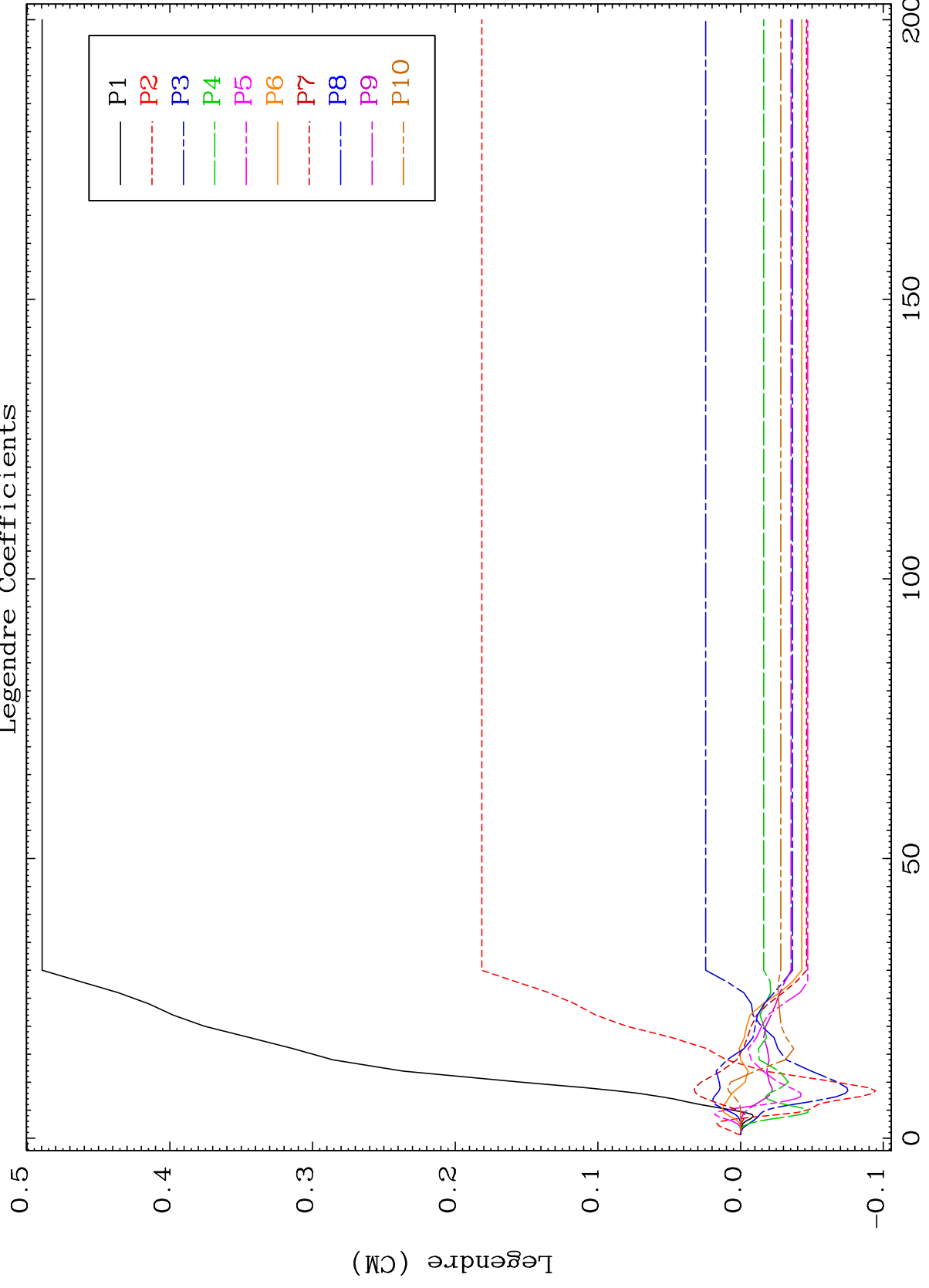
77-Ir-199



MAT 7749

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

77-Ir-199



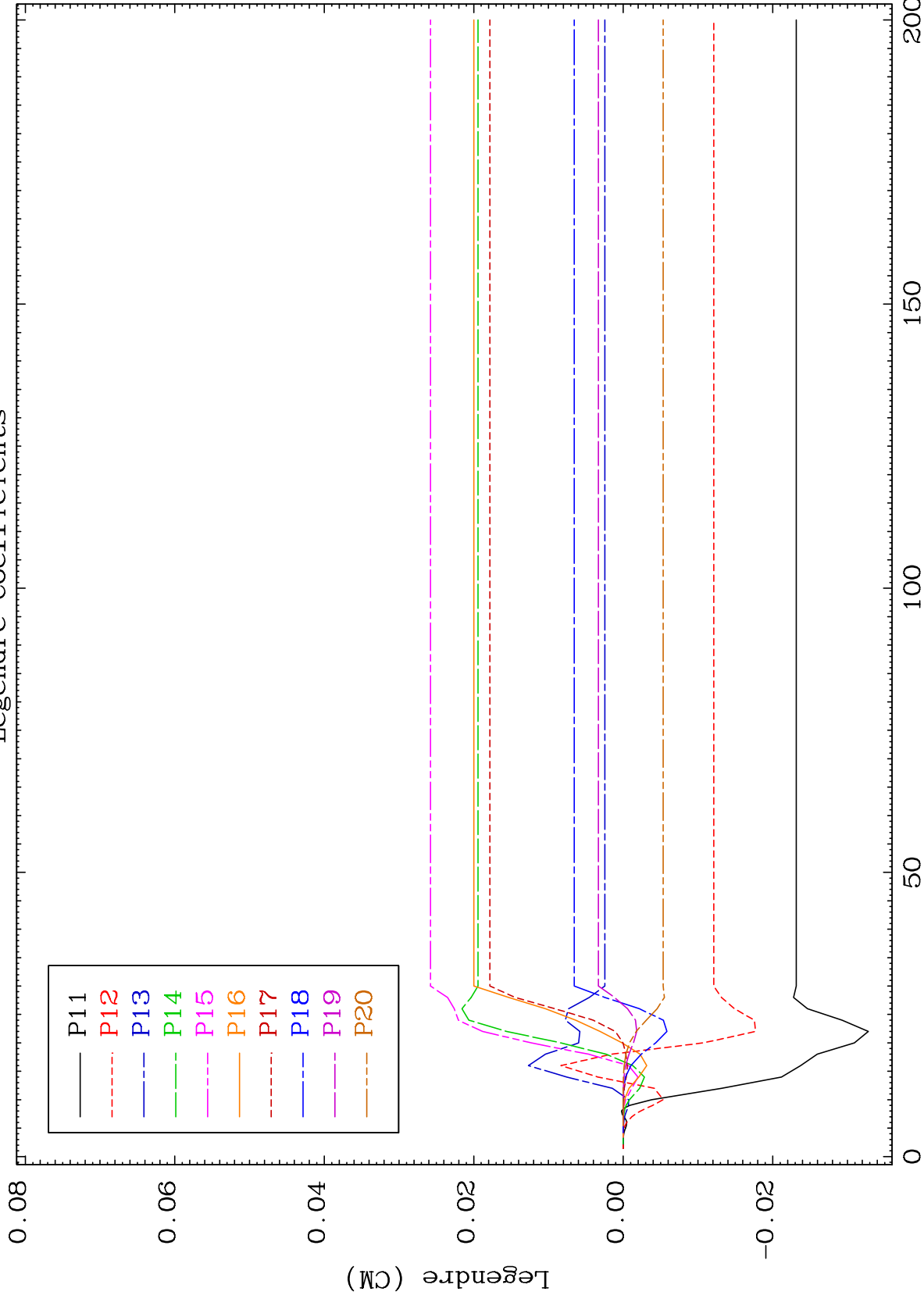
77-Ir-199

Incident Energy (MeV)

MAT 7749

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

77-Ir-199

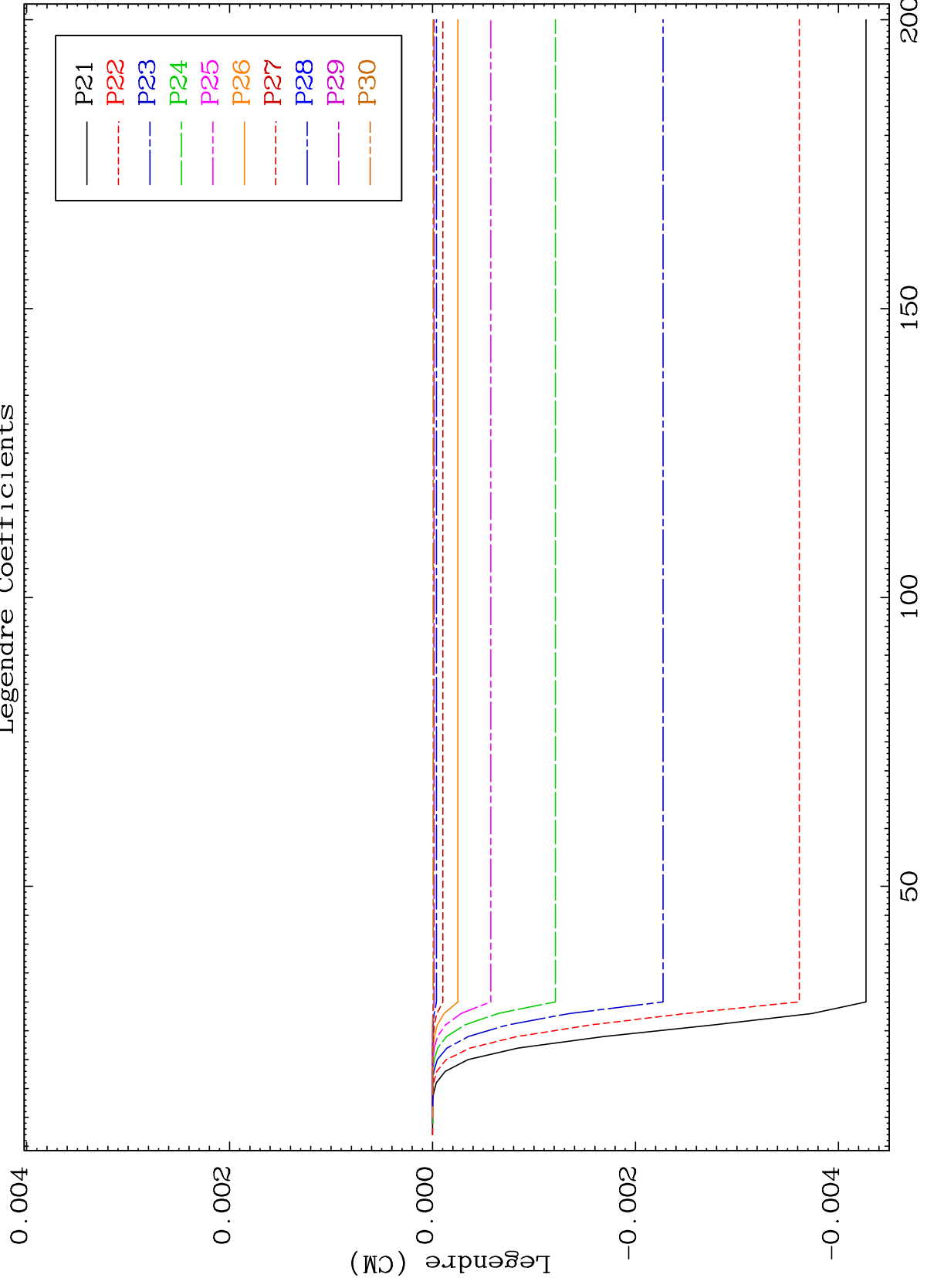


61

Incident Energy (MeV)

77-Ir-199

MAT 7749 MT= 61 (n,n') Level Legendre Coefficients 77-Ir-199

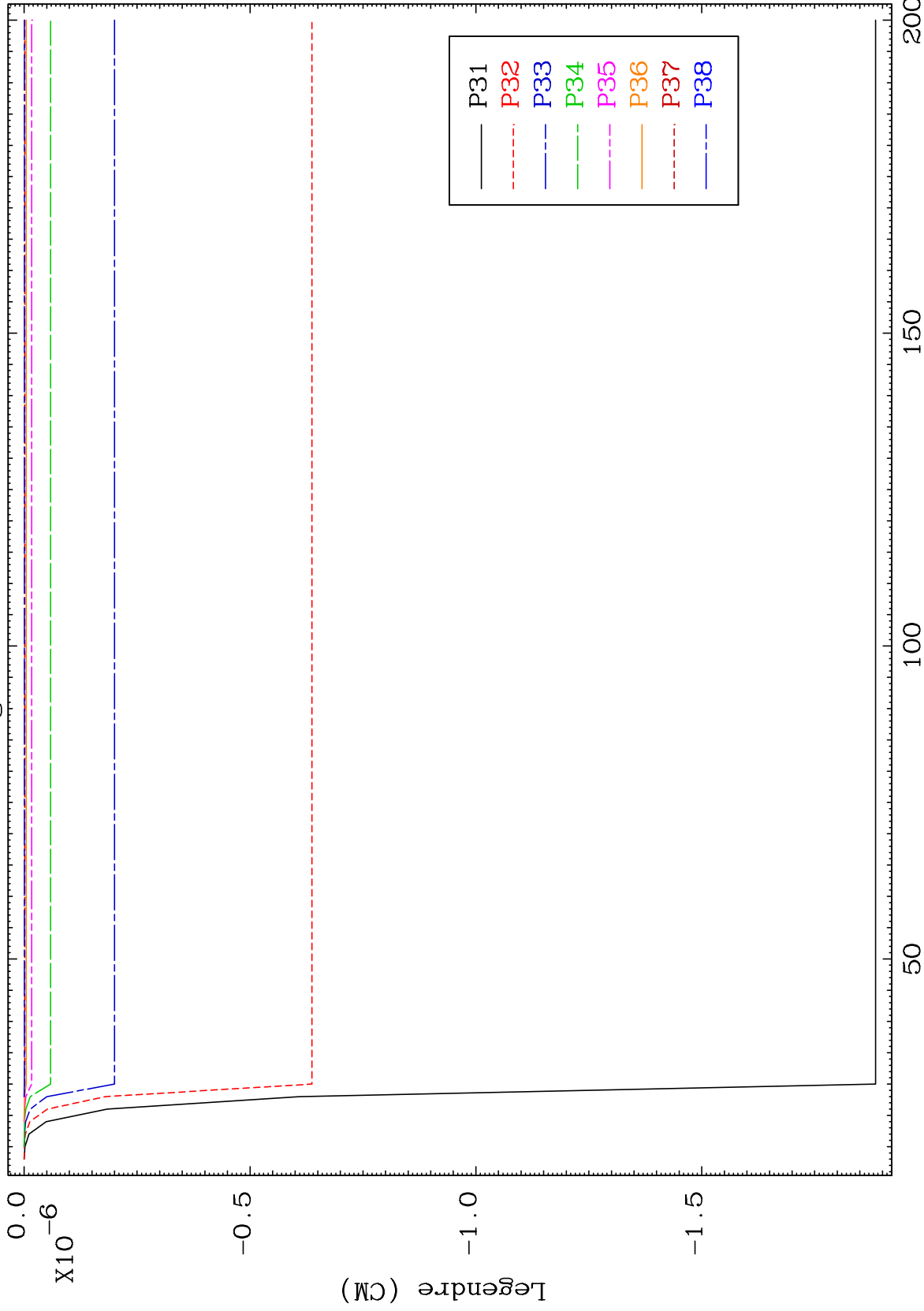


62 77-Ir-199

MAT 7749

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

77-Ir-199



63

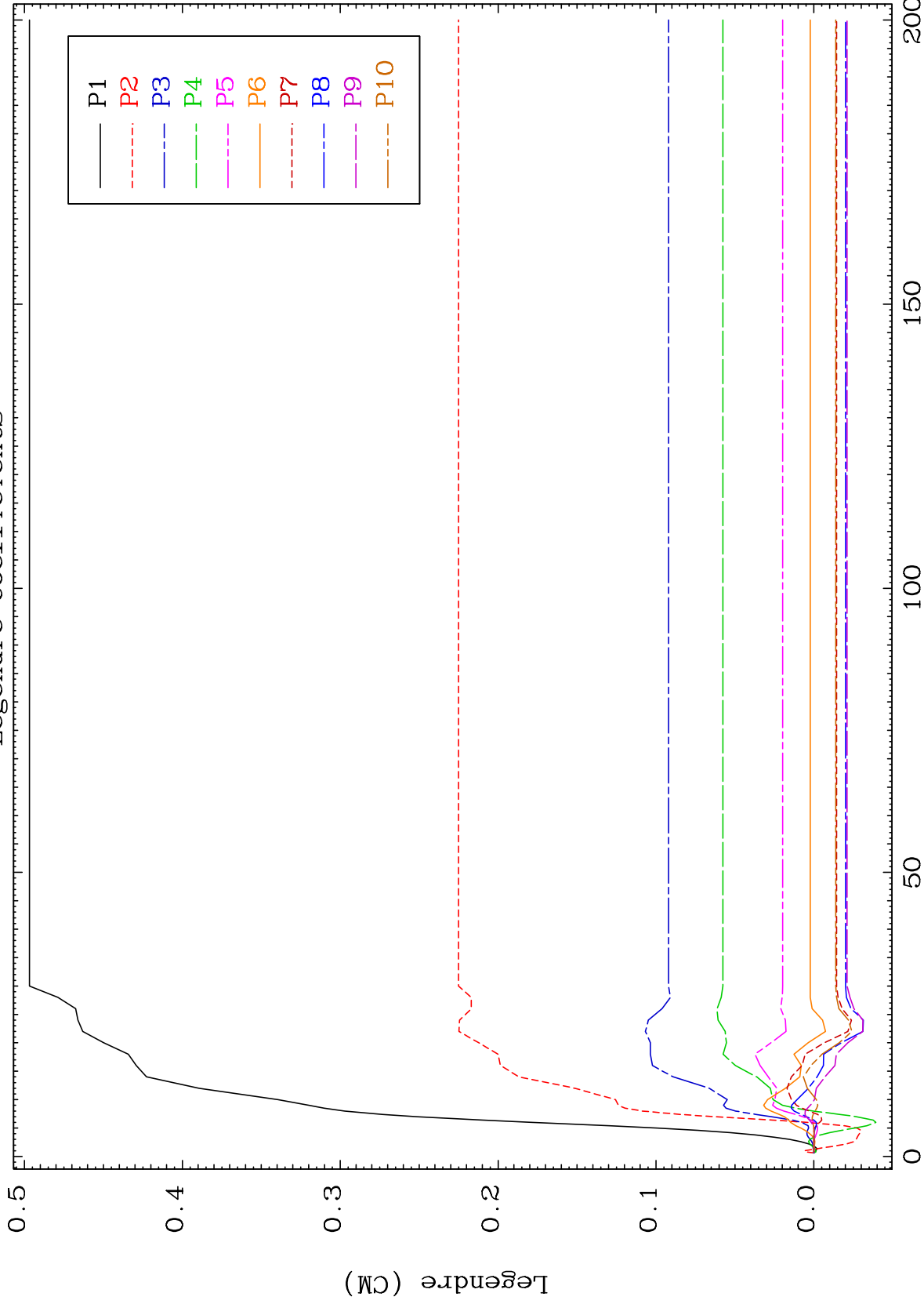
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



64

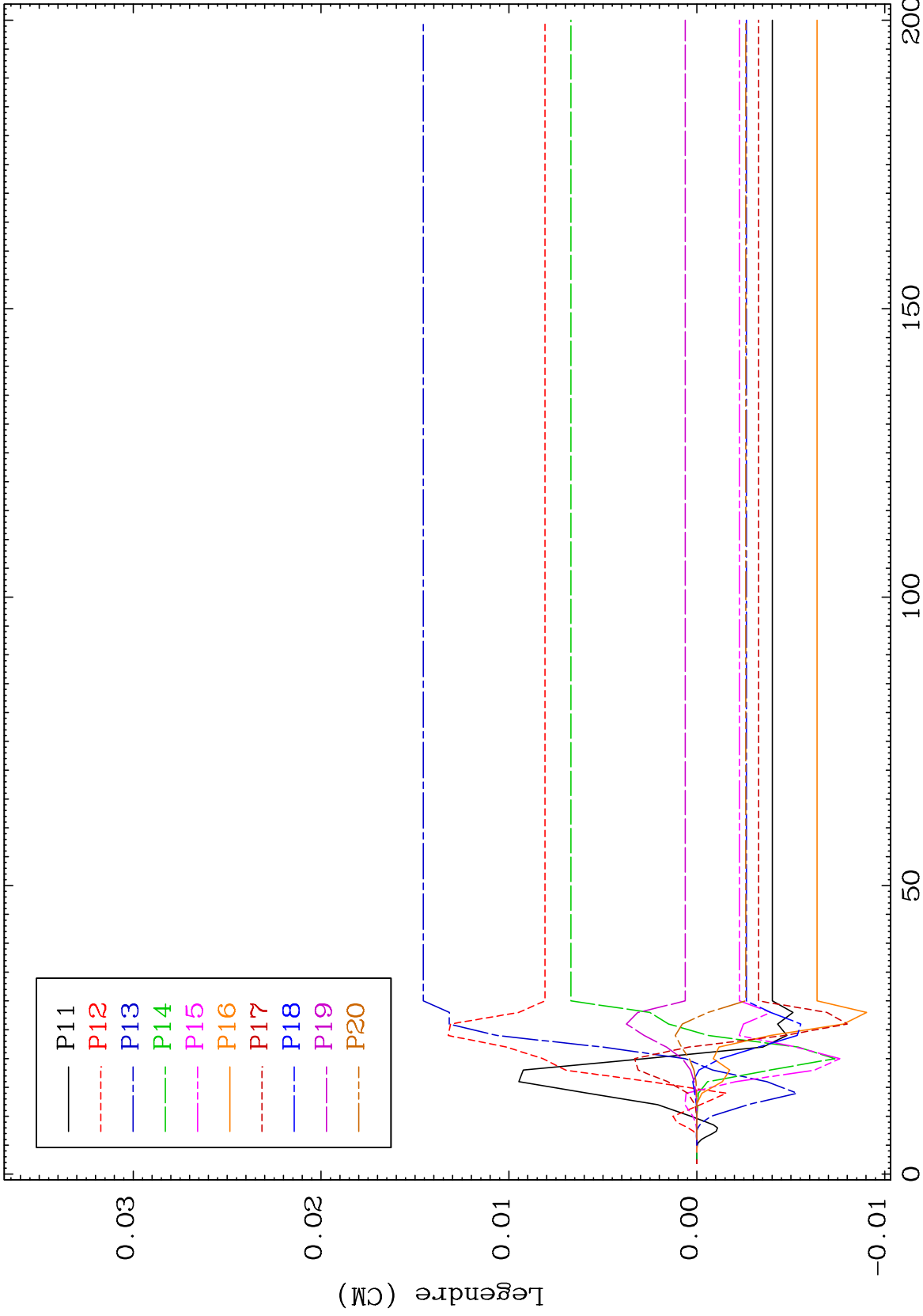
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



65

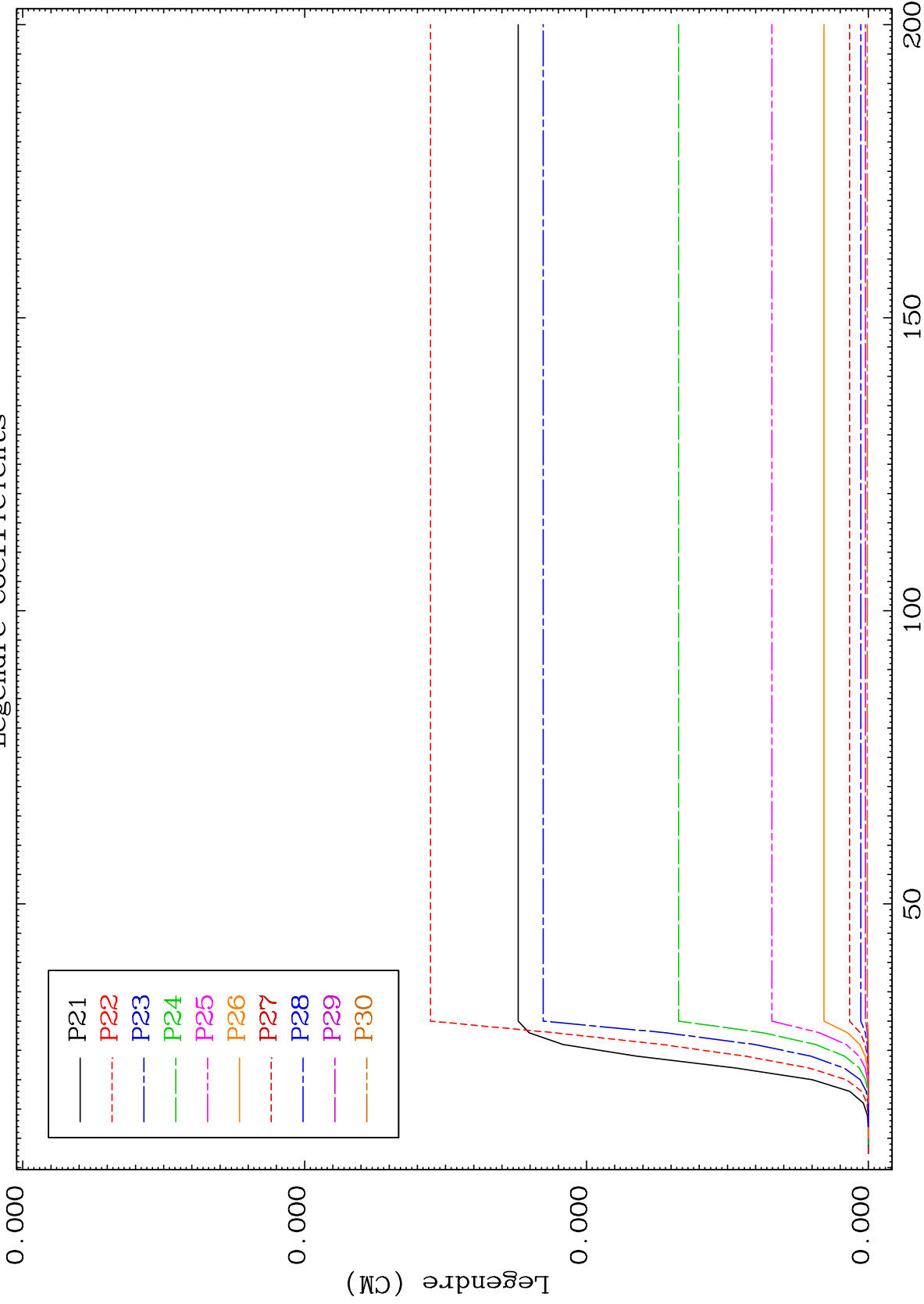
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



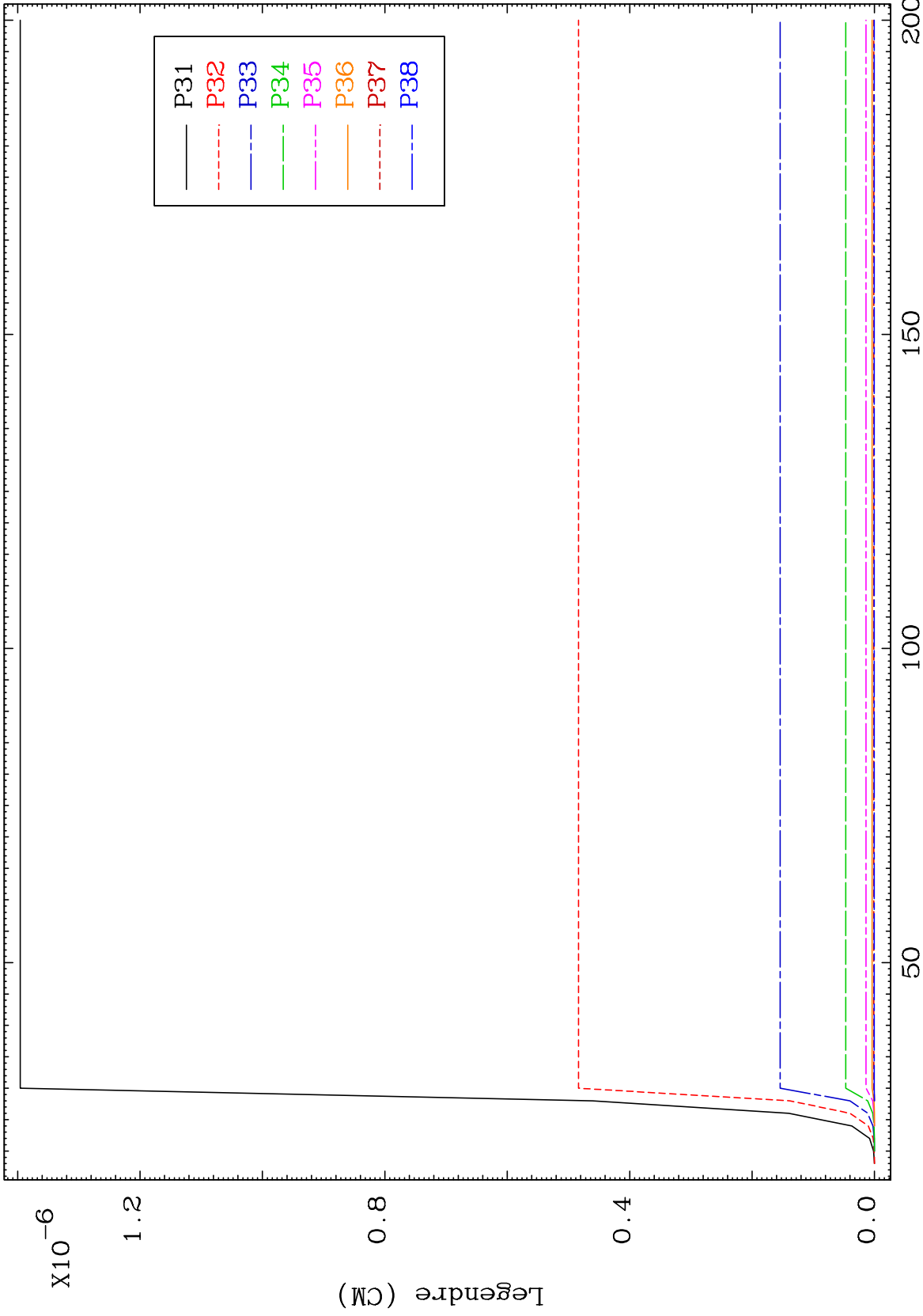
66

77-Ir-199

MAT 7749

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

77-Ir-199



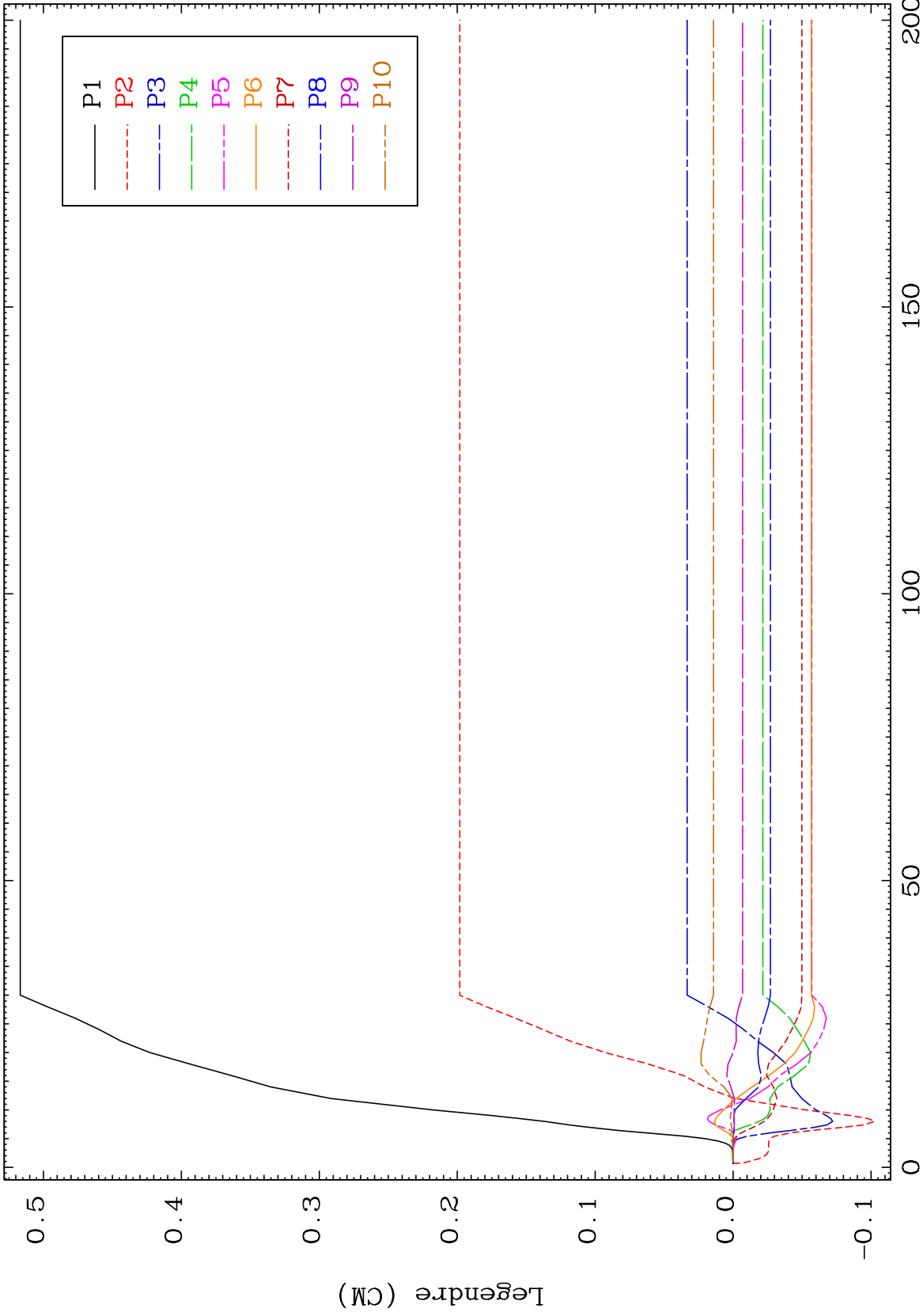
67

77-Ir-199

MAT 7749

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

77-Ir-199



68

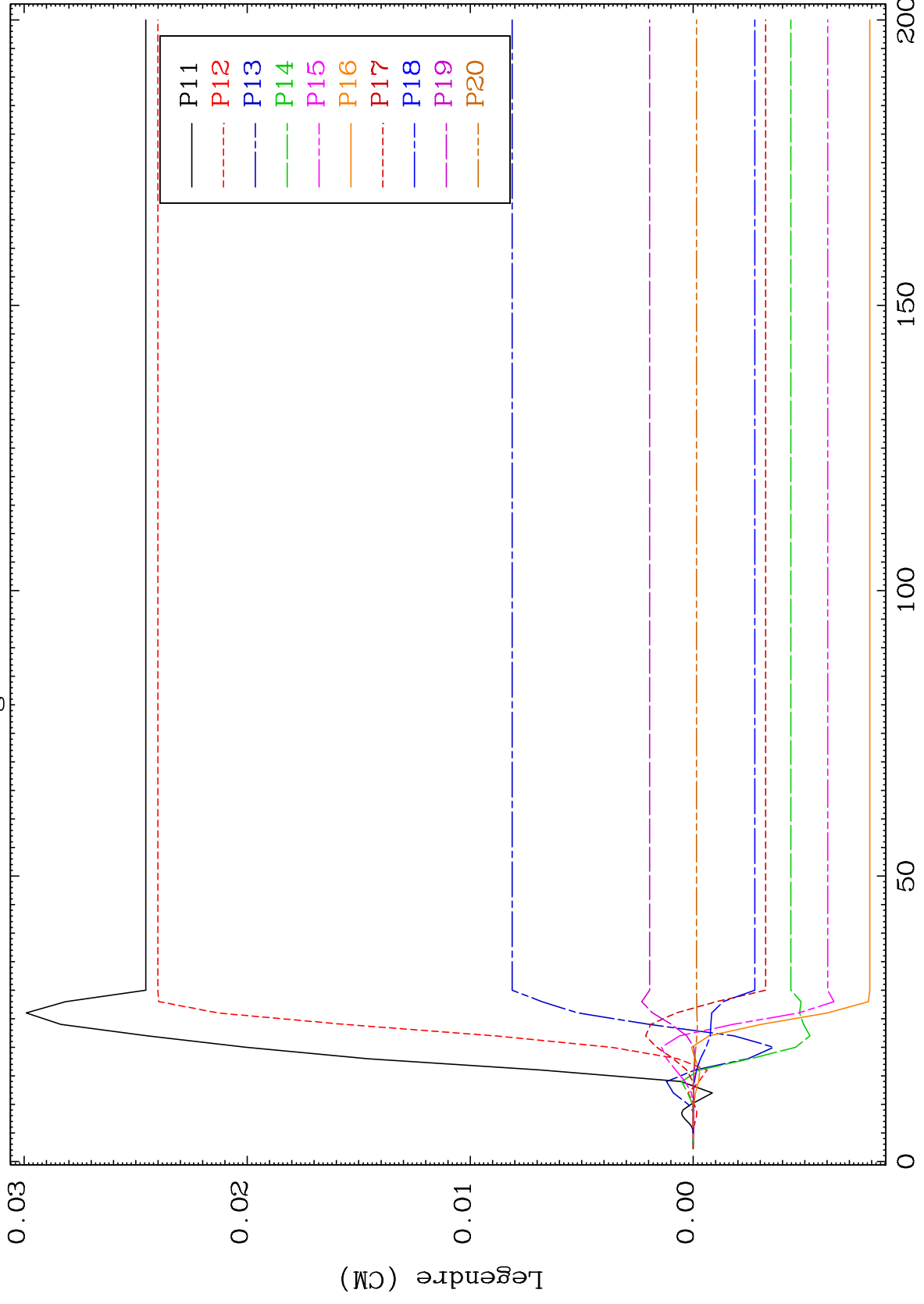
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



69

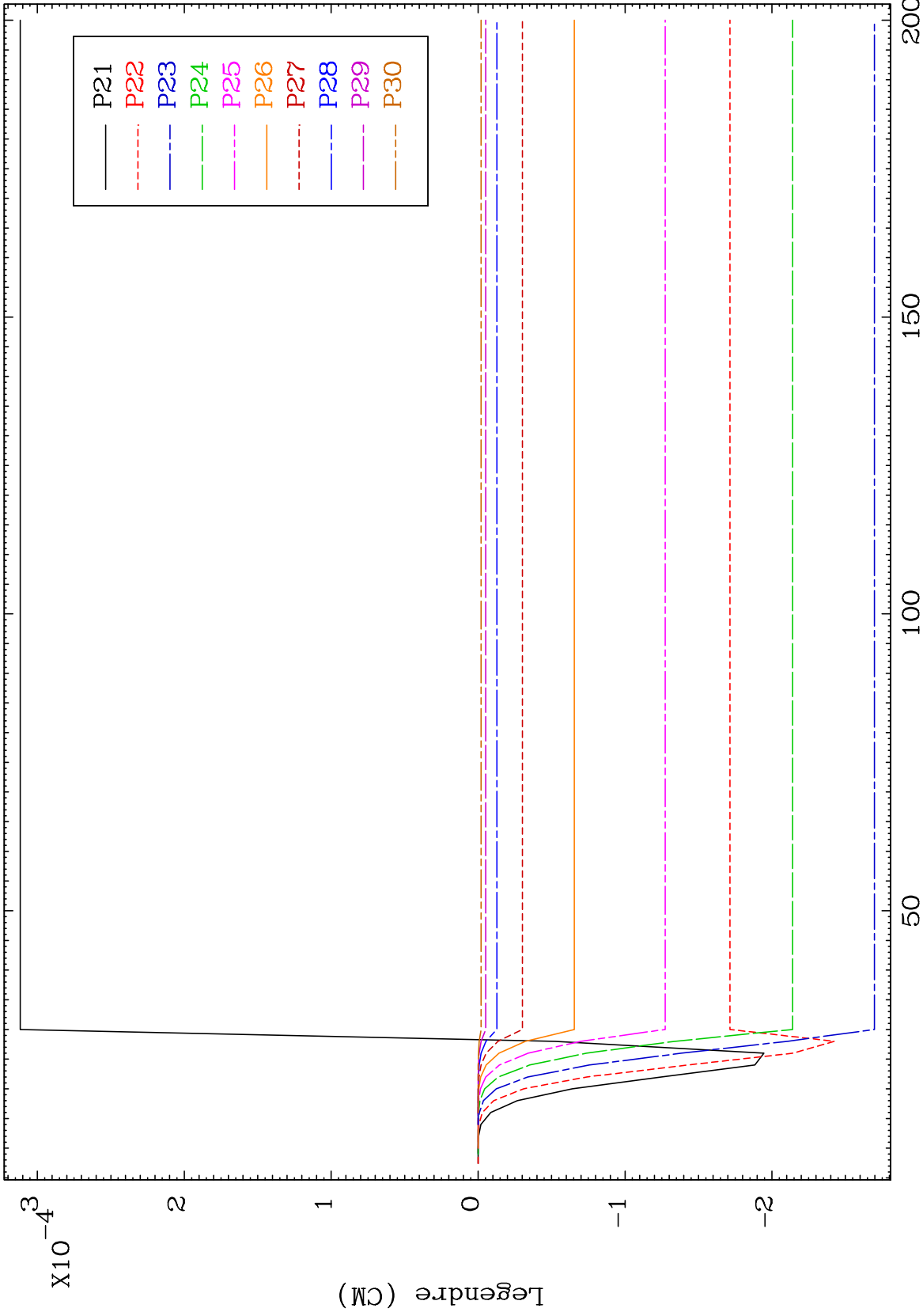
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



70

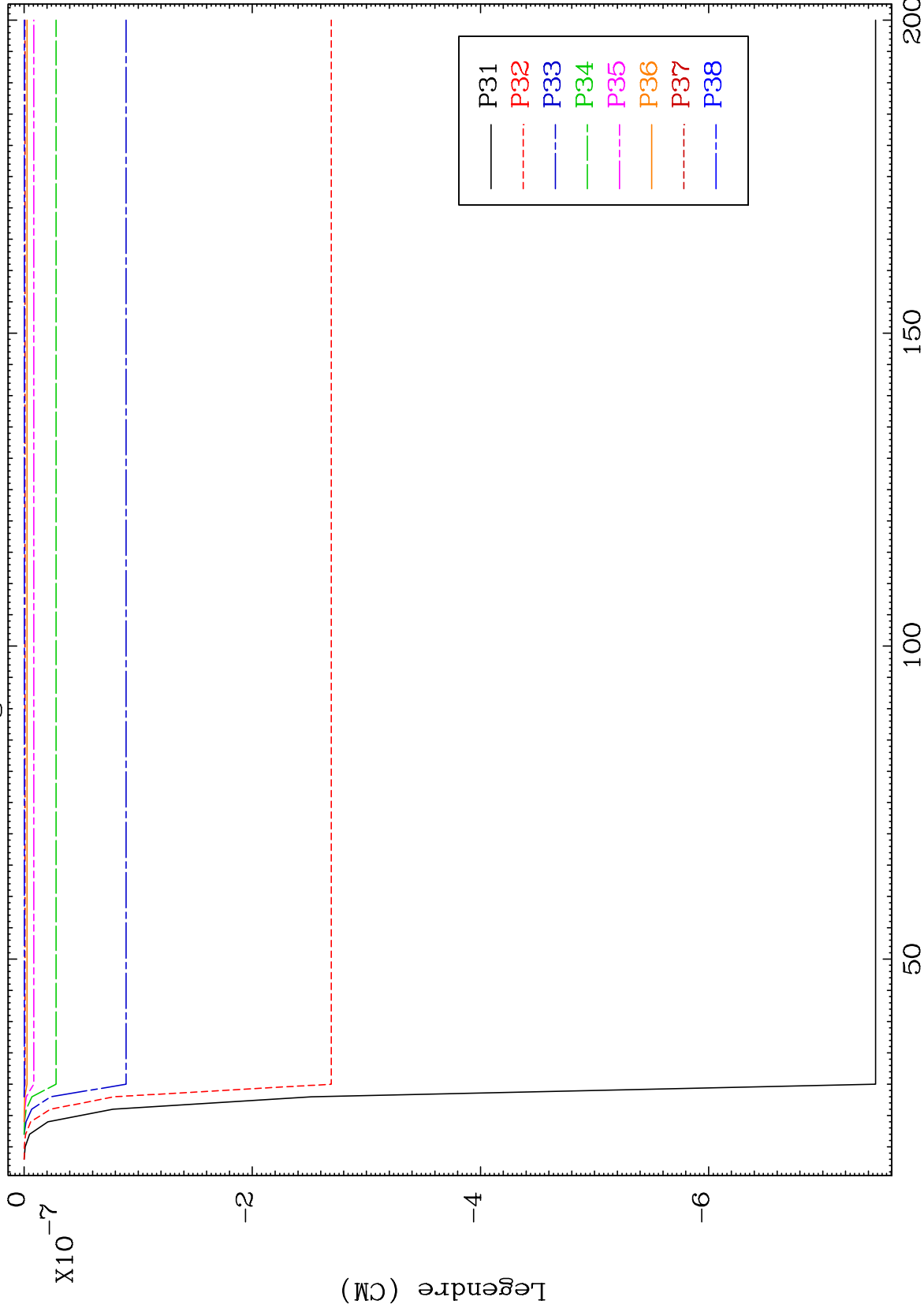
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



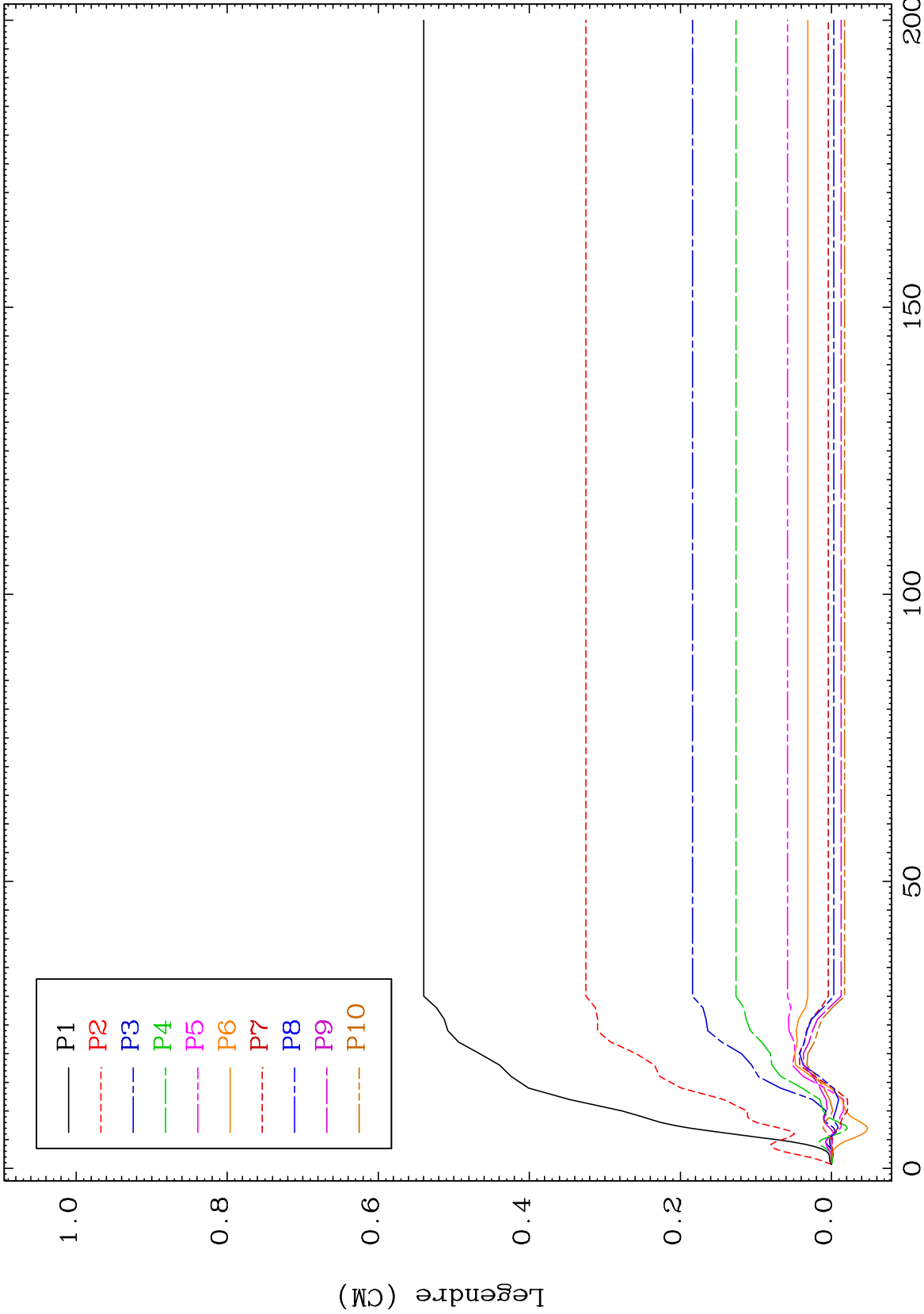
71

77-Ir-199

MAT 7749

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

77-Ir-199



72

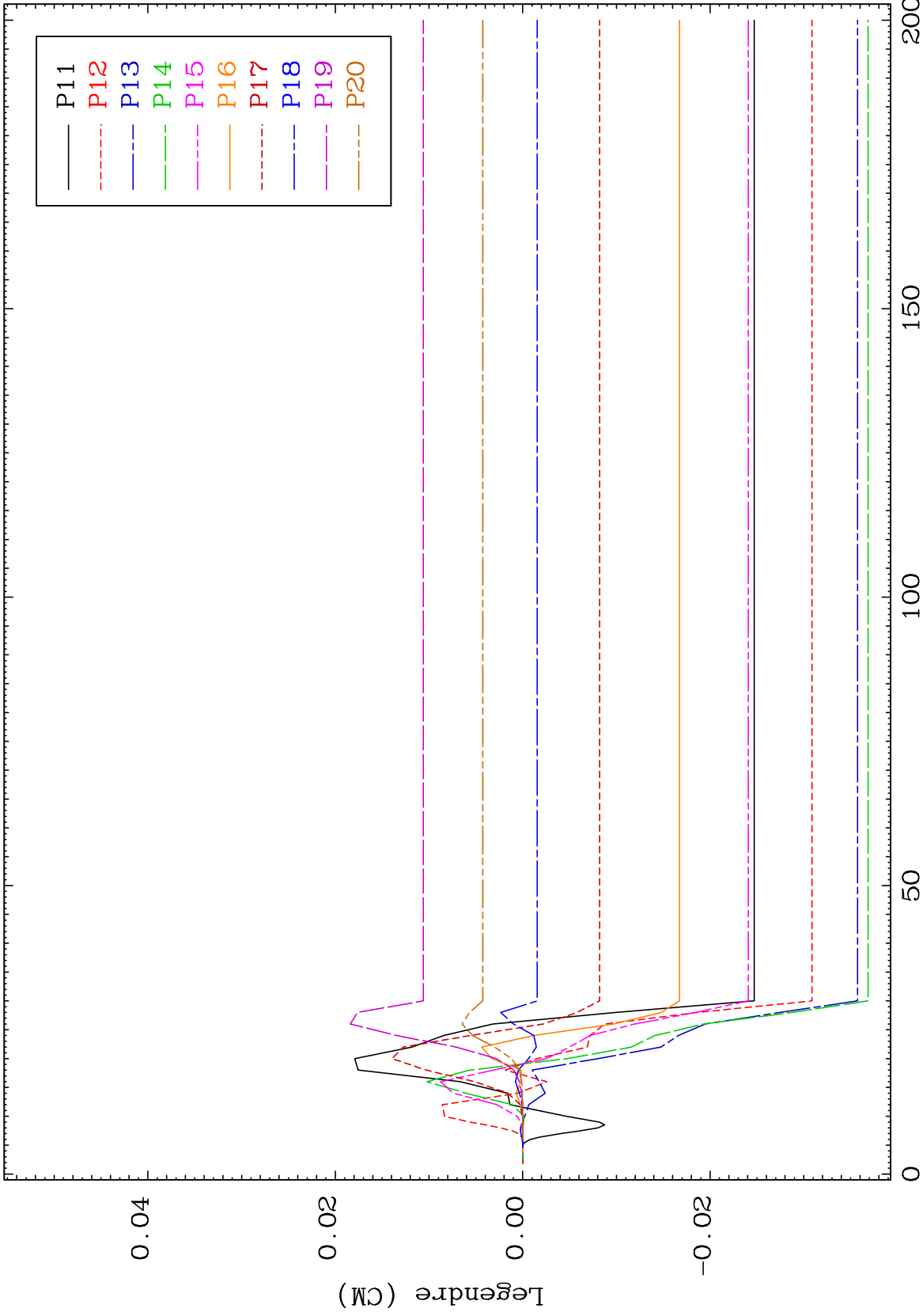
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



73

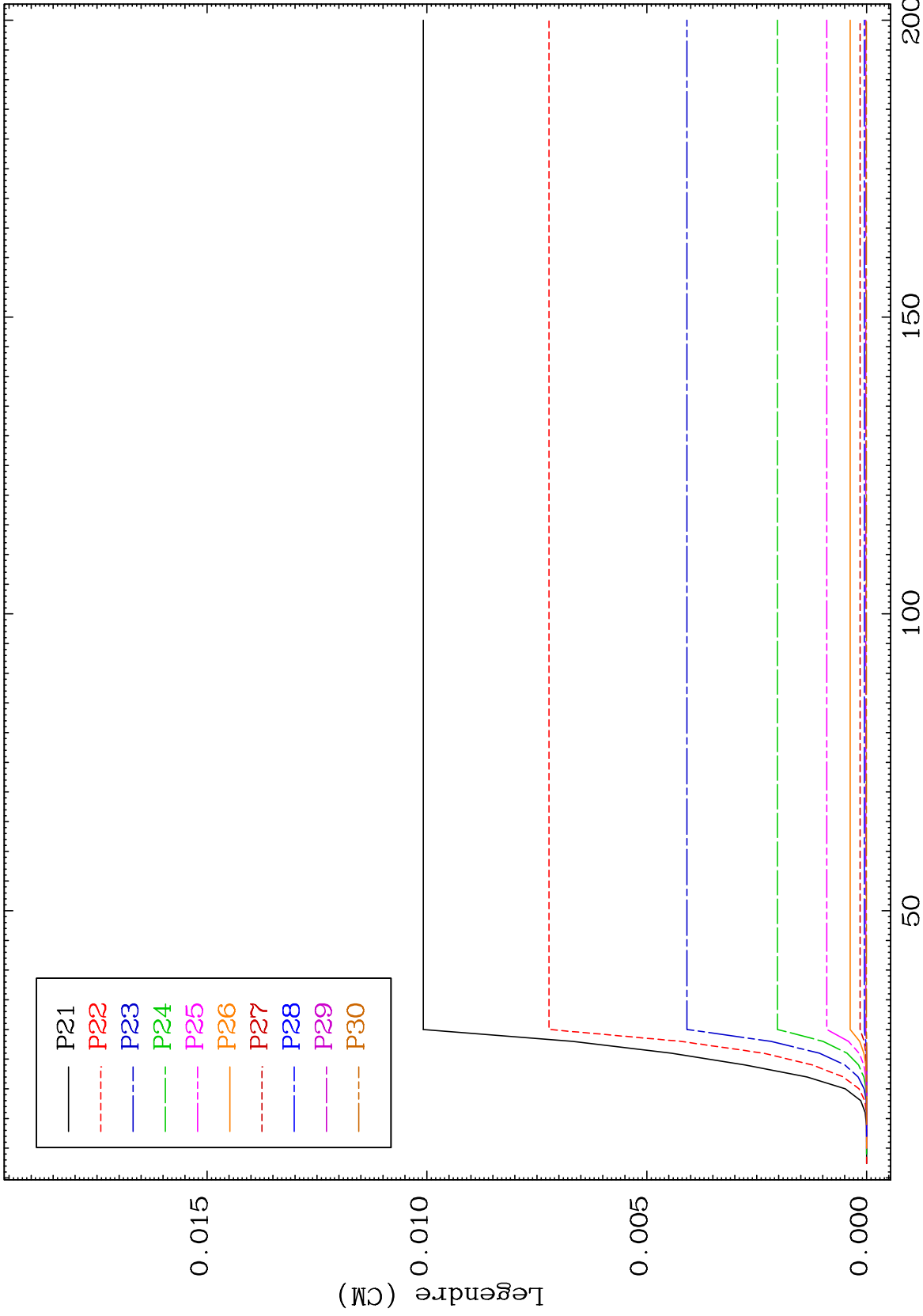
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



74

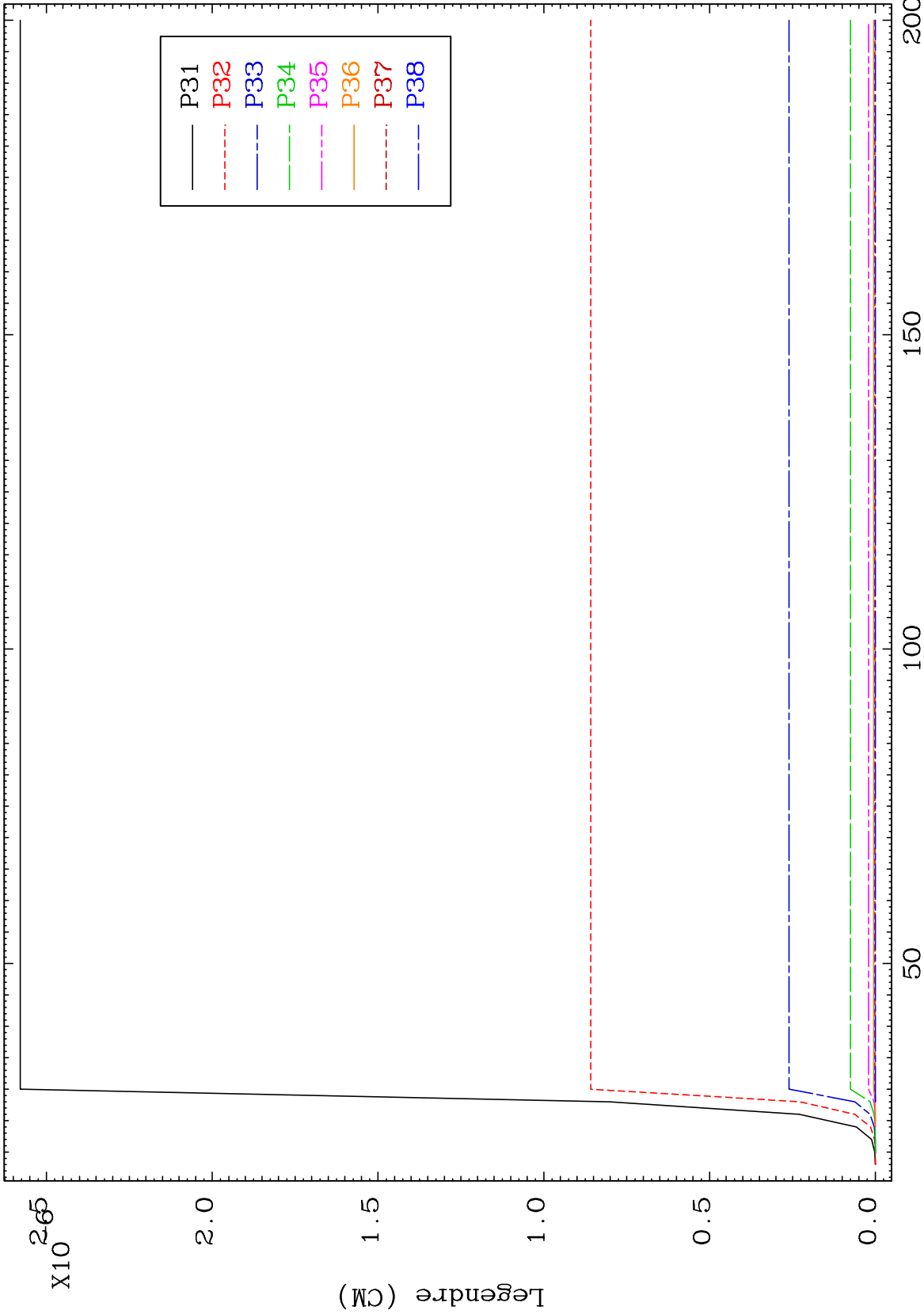
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



75

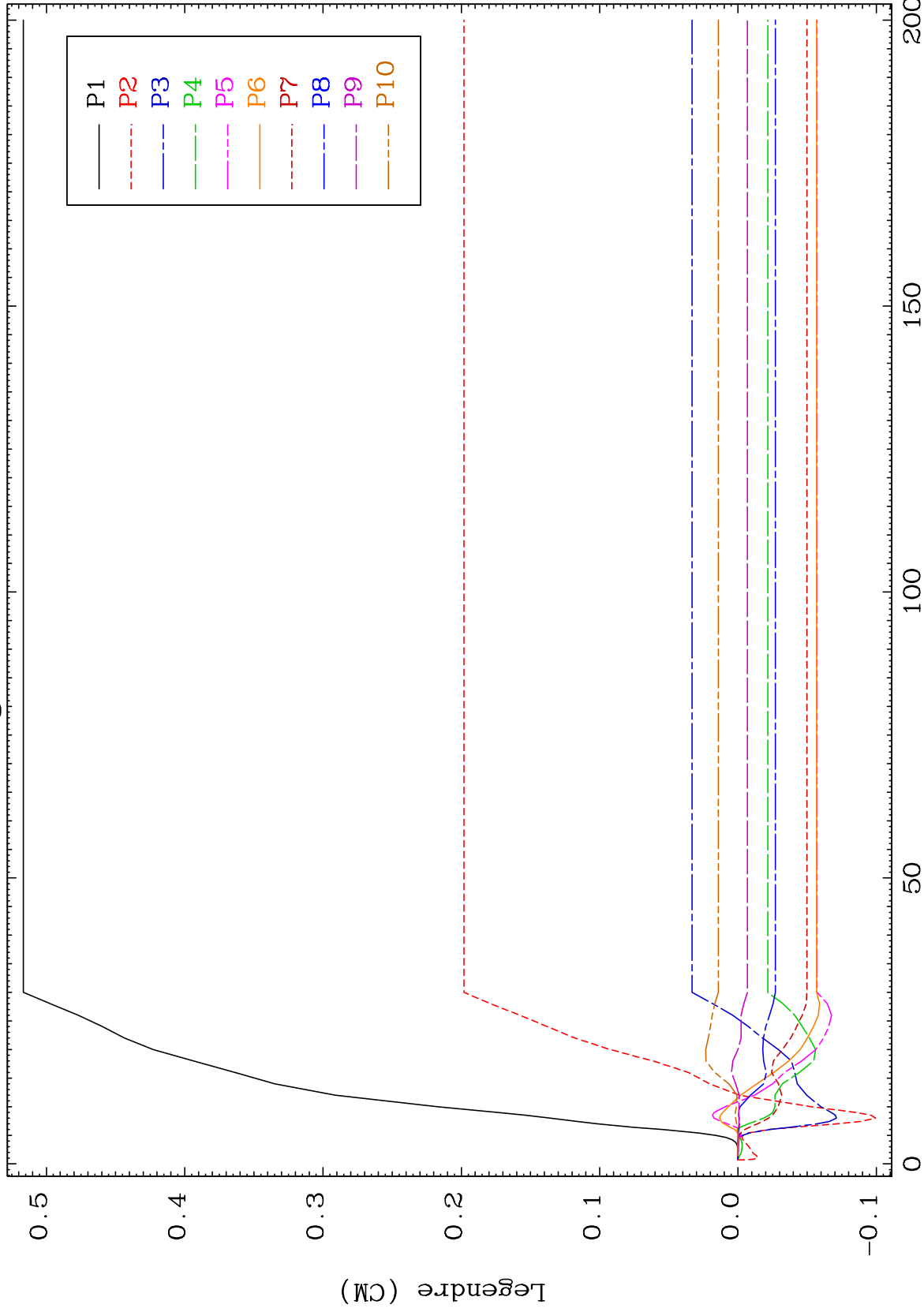
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



76

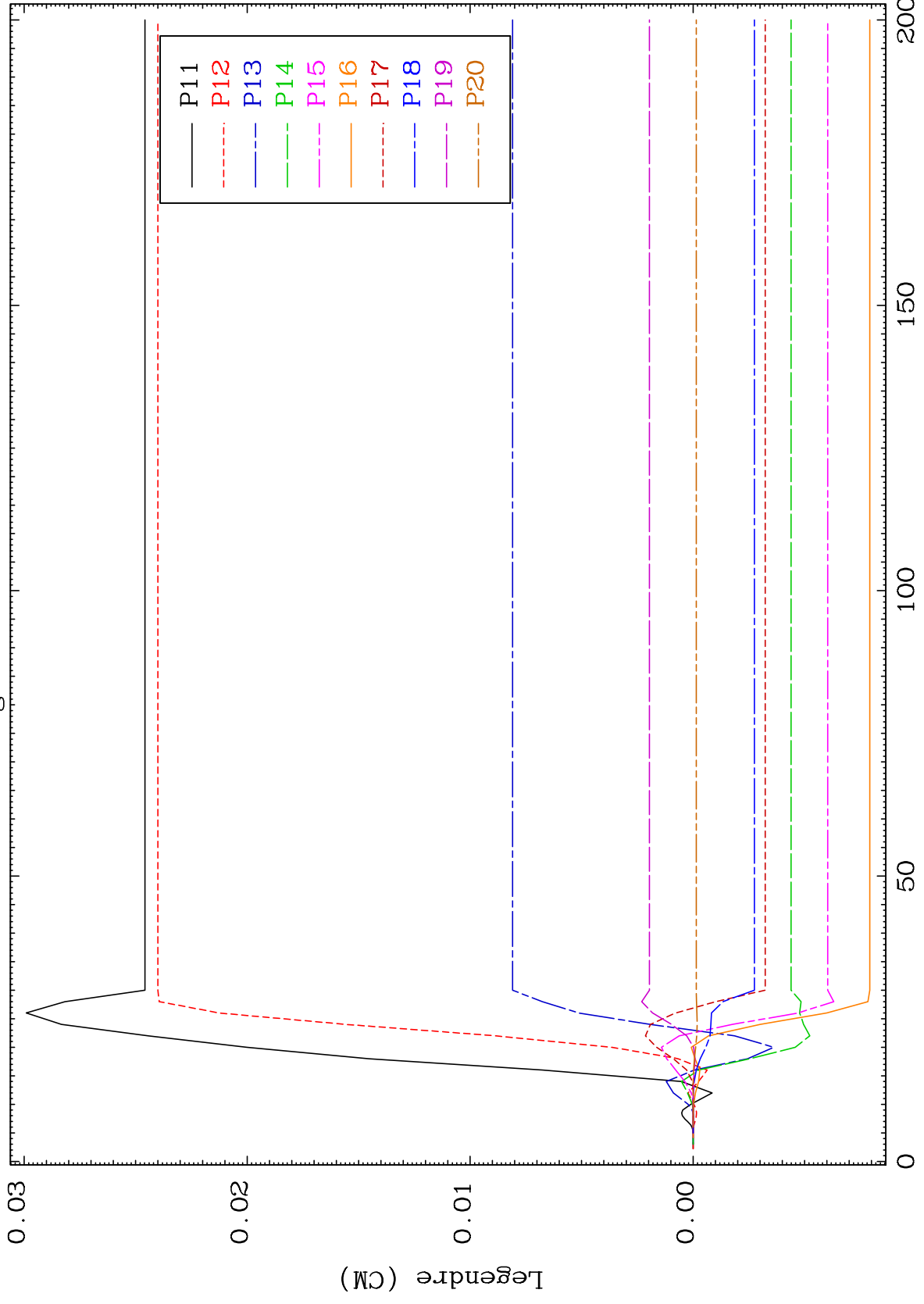
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



77

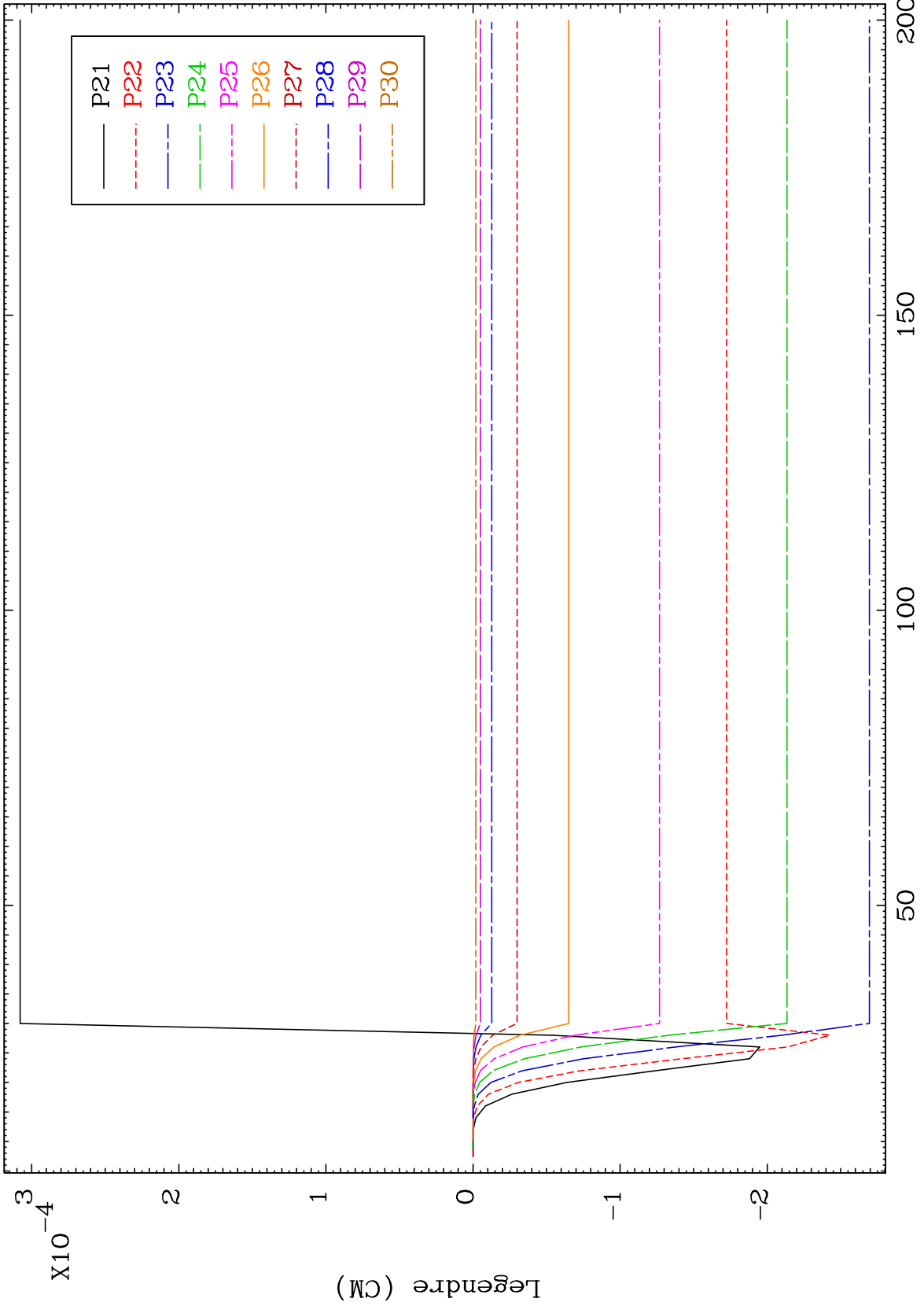
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



78

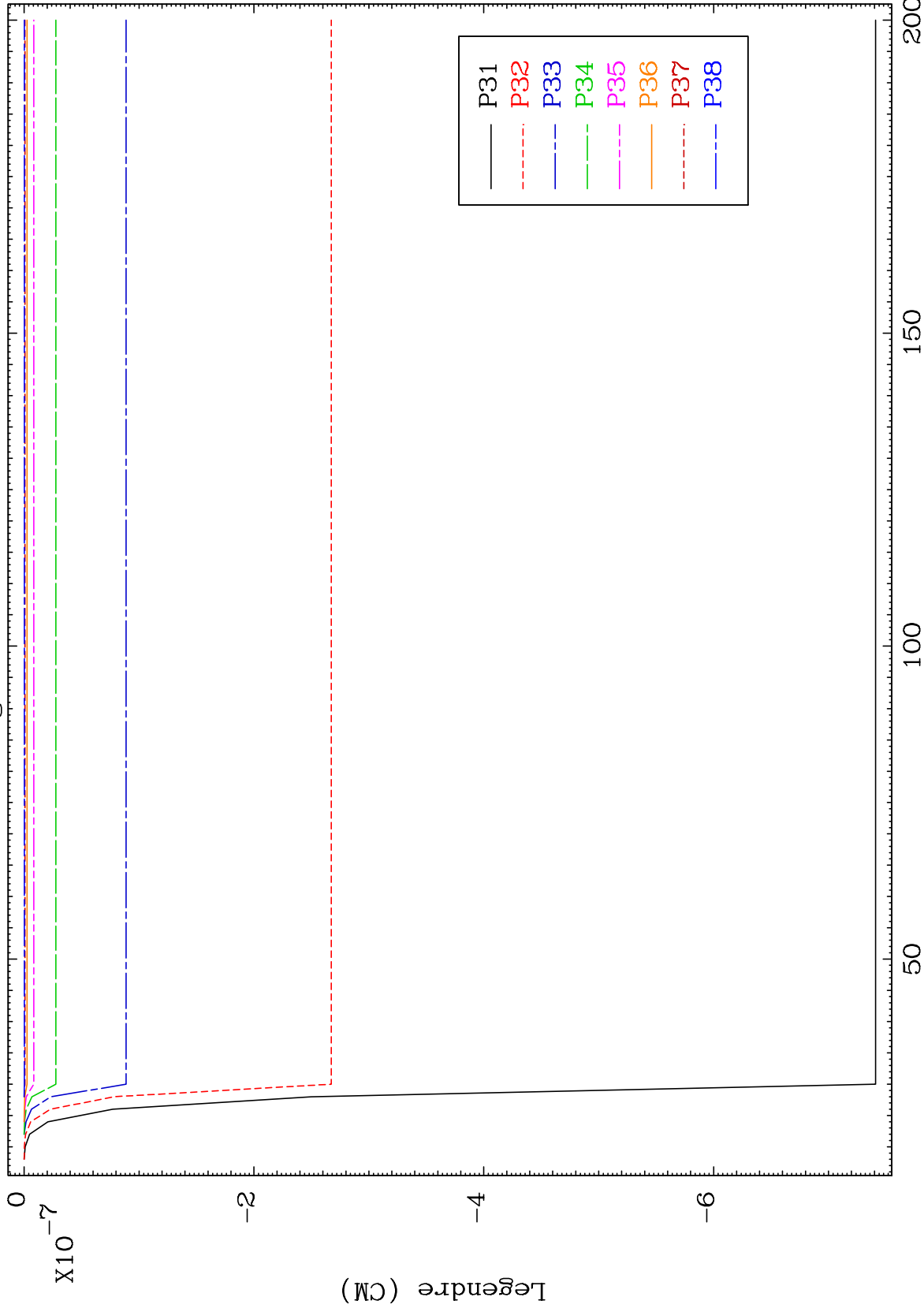
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



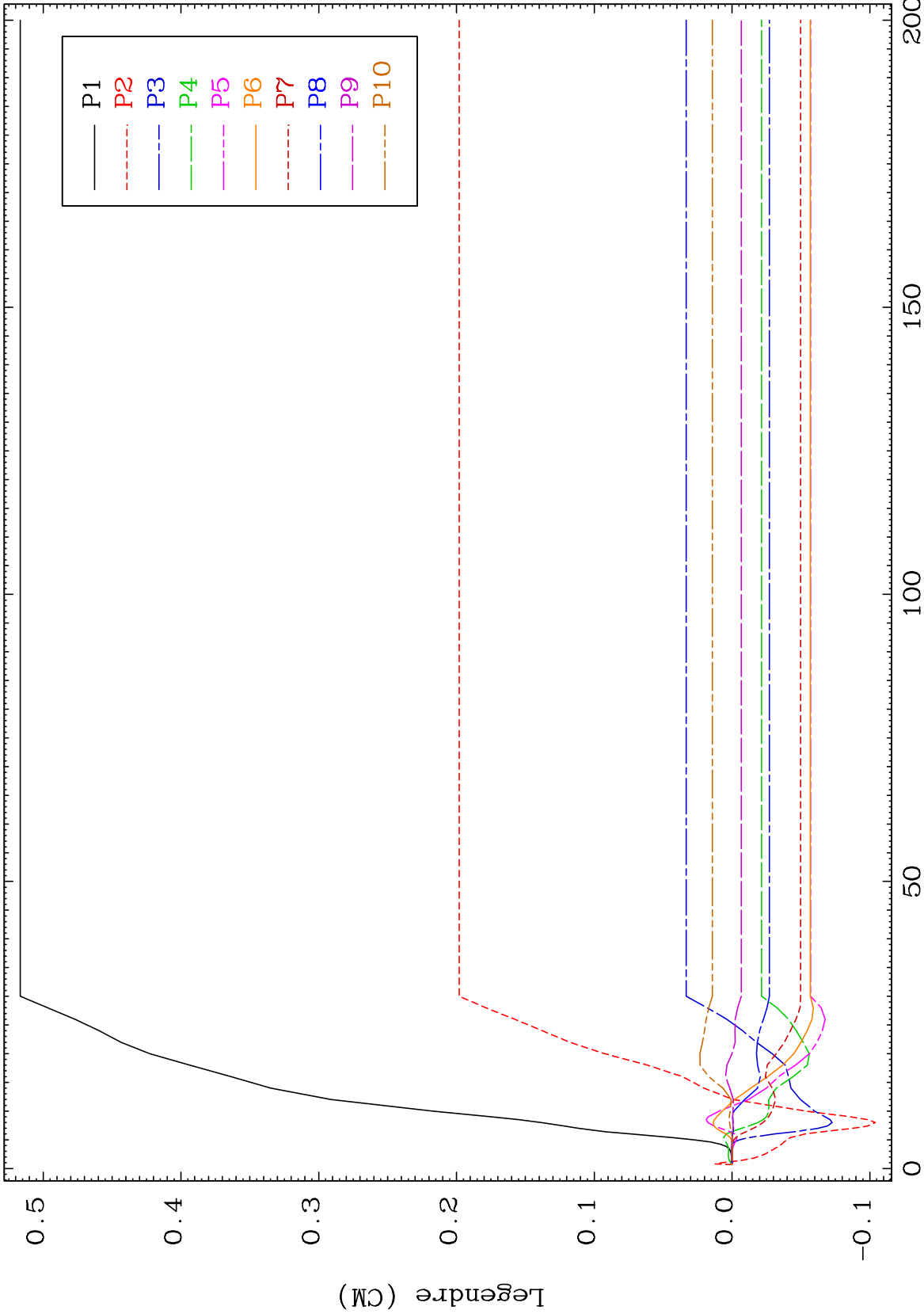
79

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

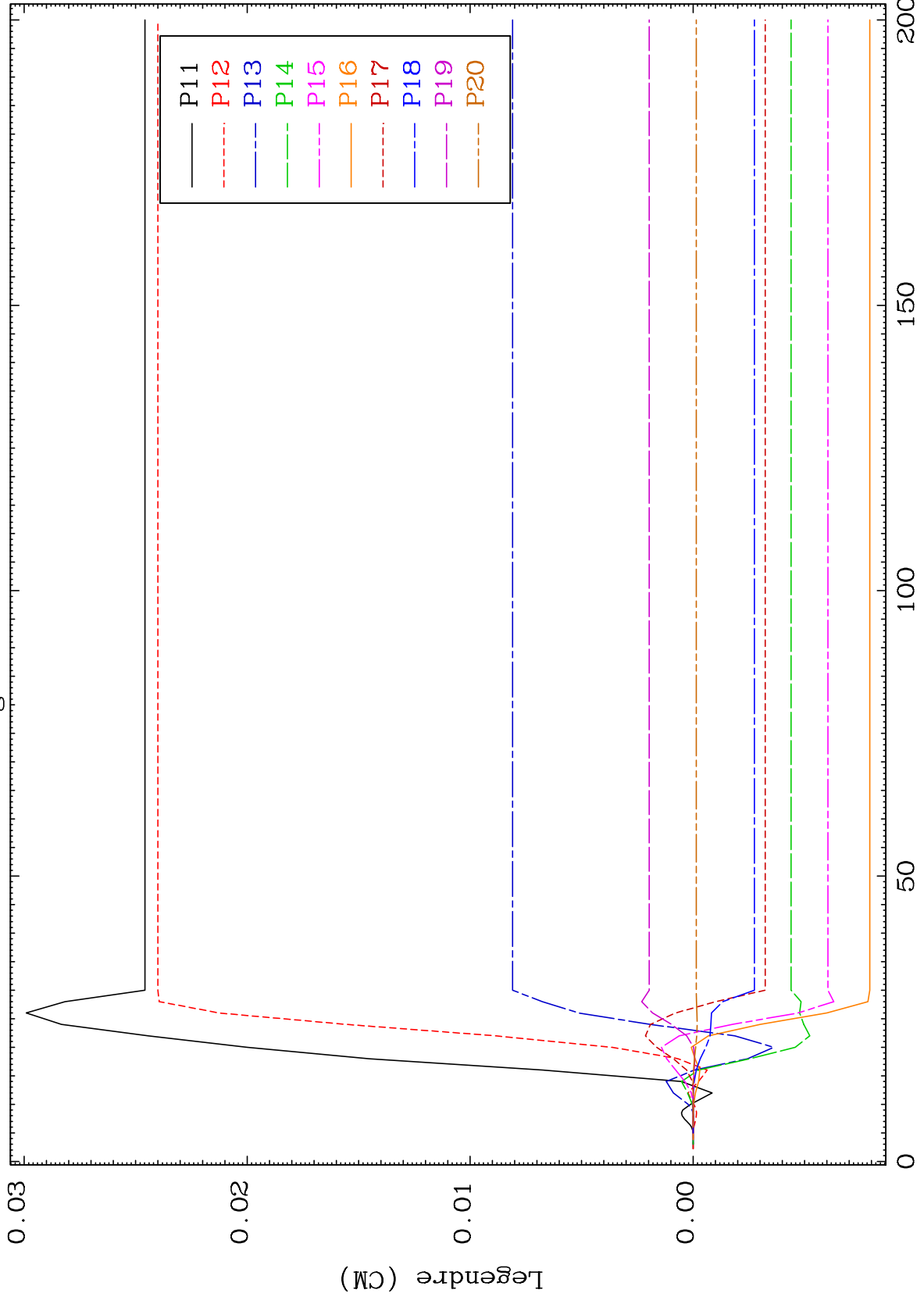
Incident Energy (MeV)

80

MAT 7749

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

77-Ir-199



81

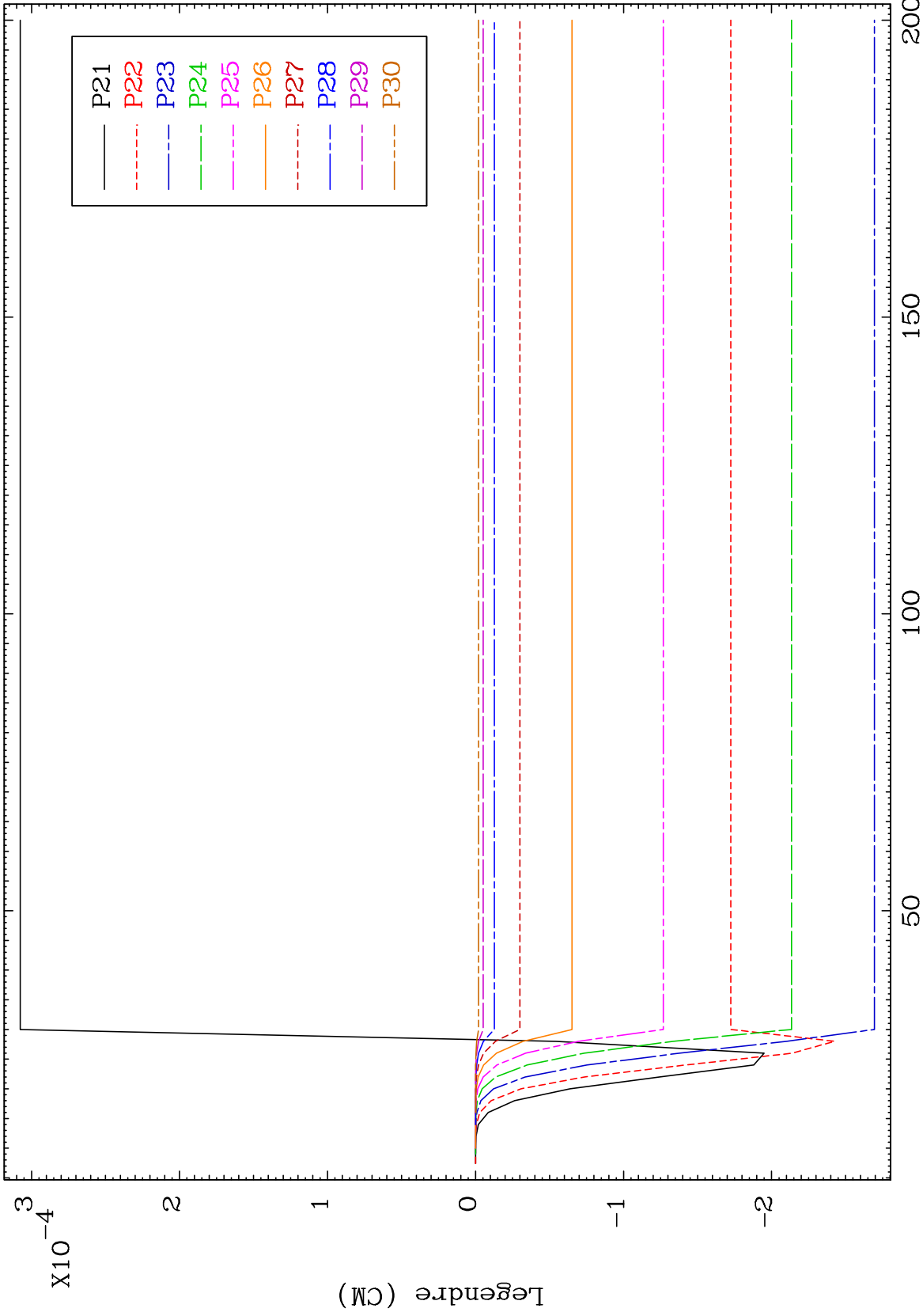
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



82

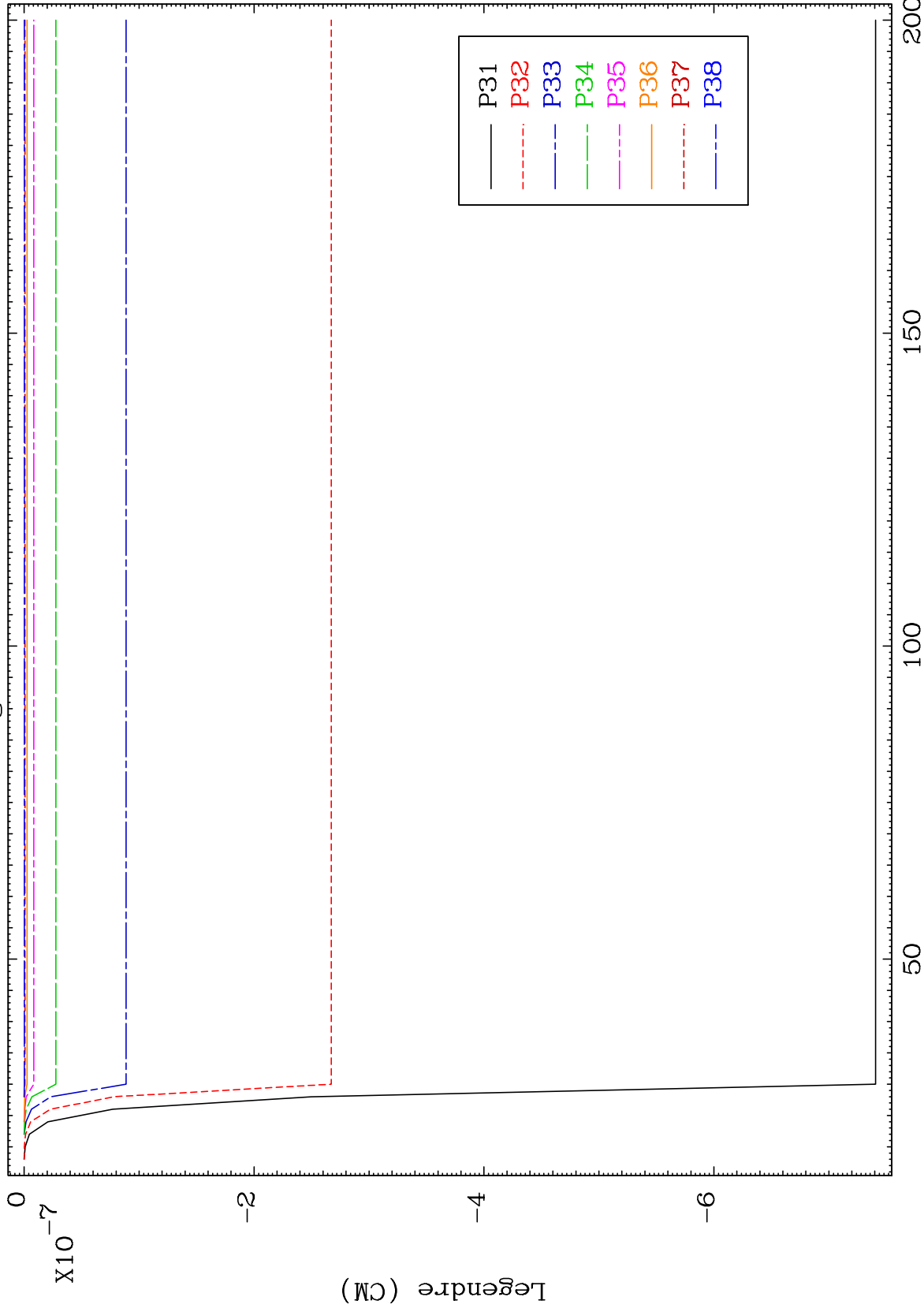
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



83

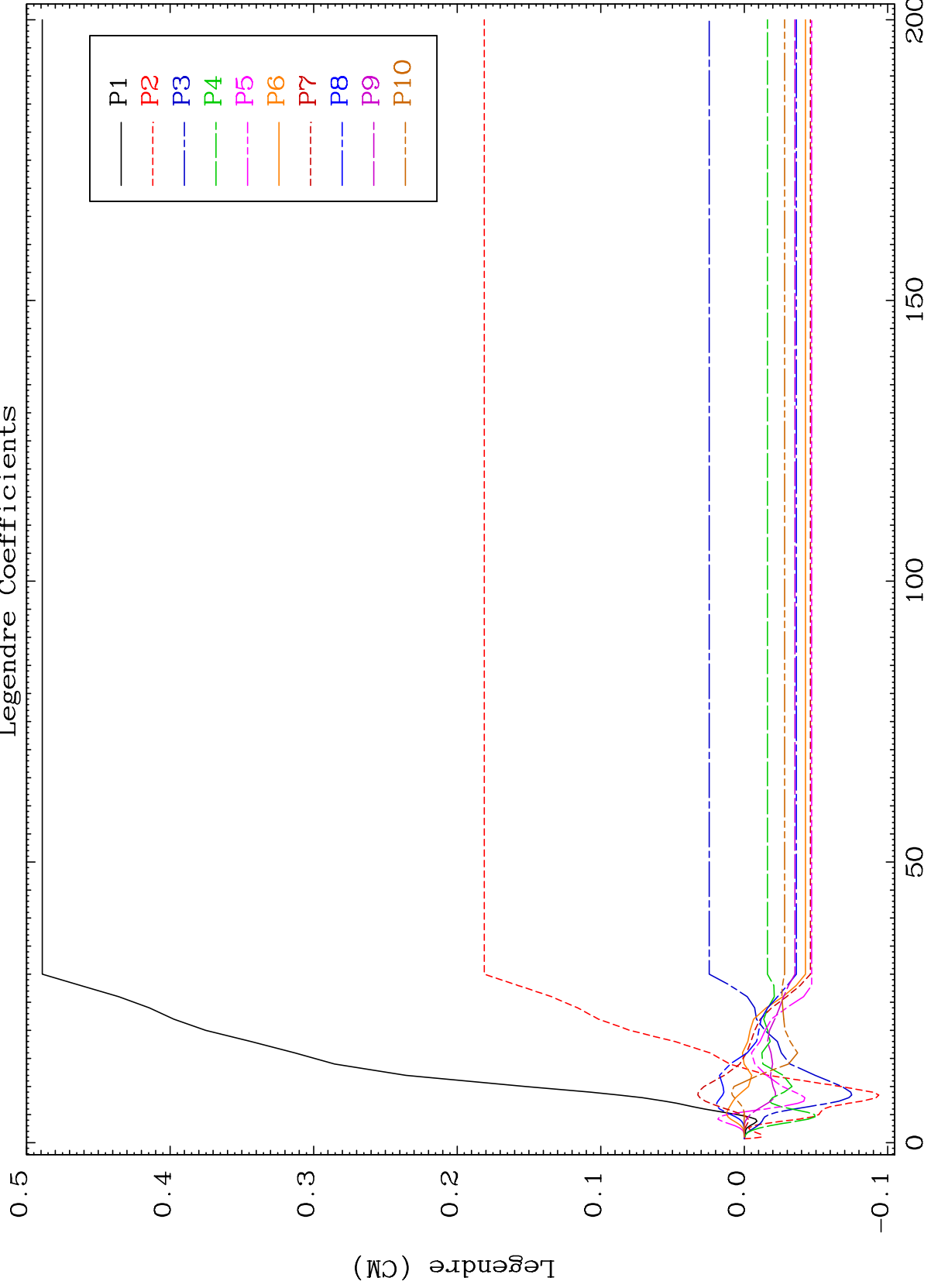
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



84

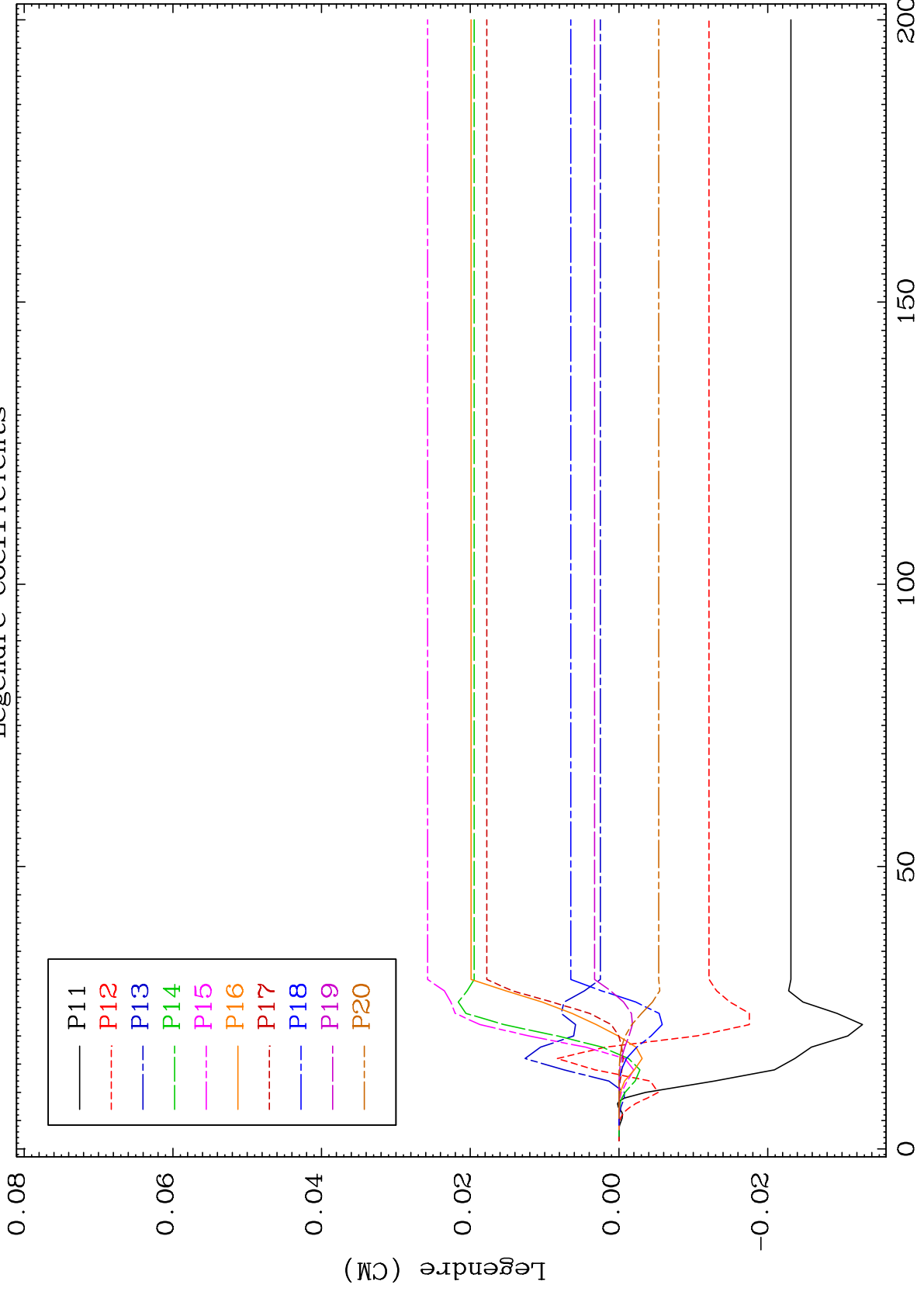
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



85

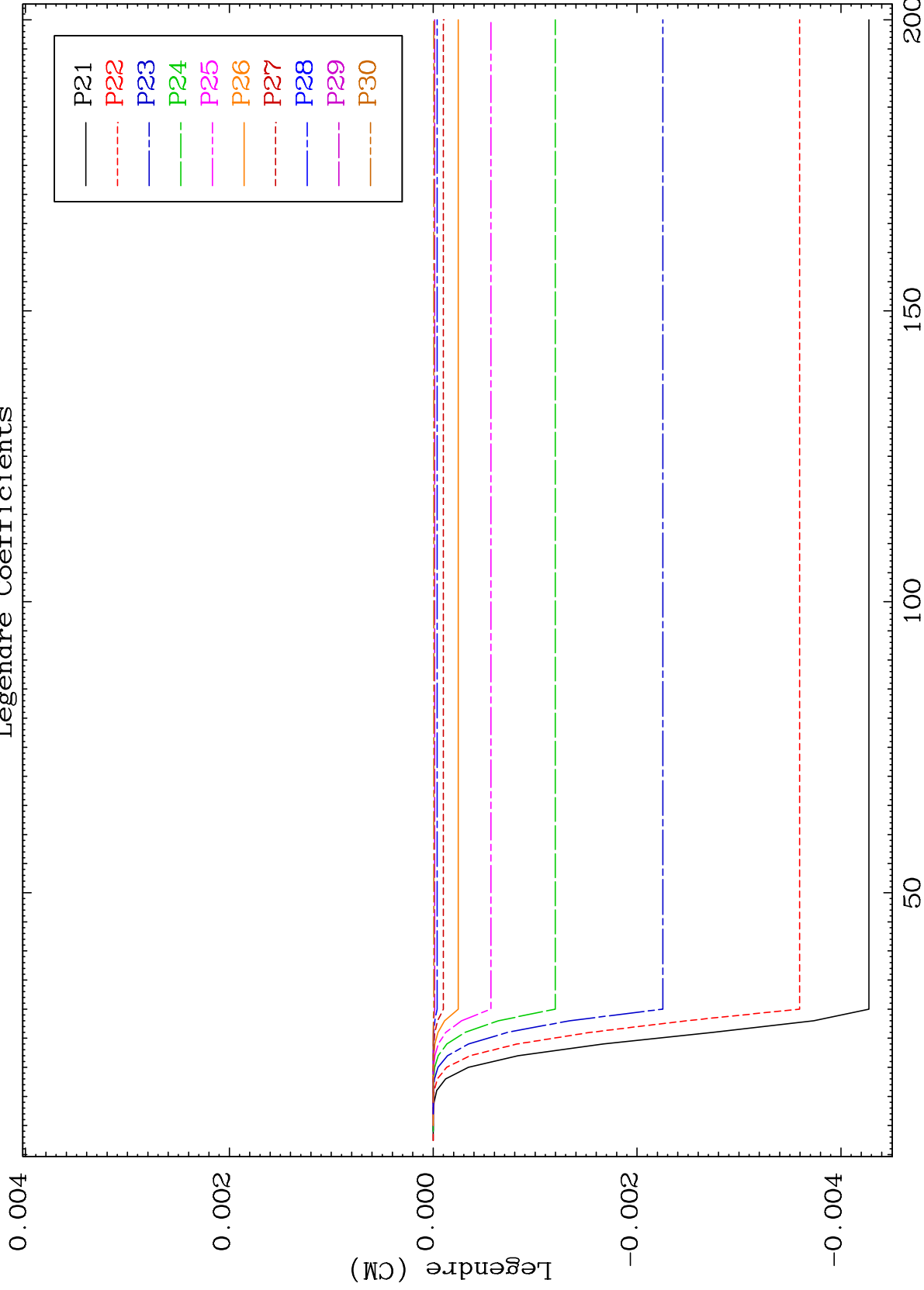
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



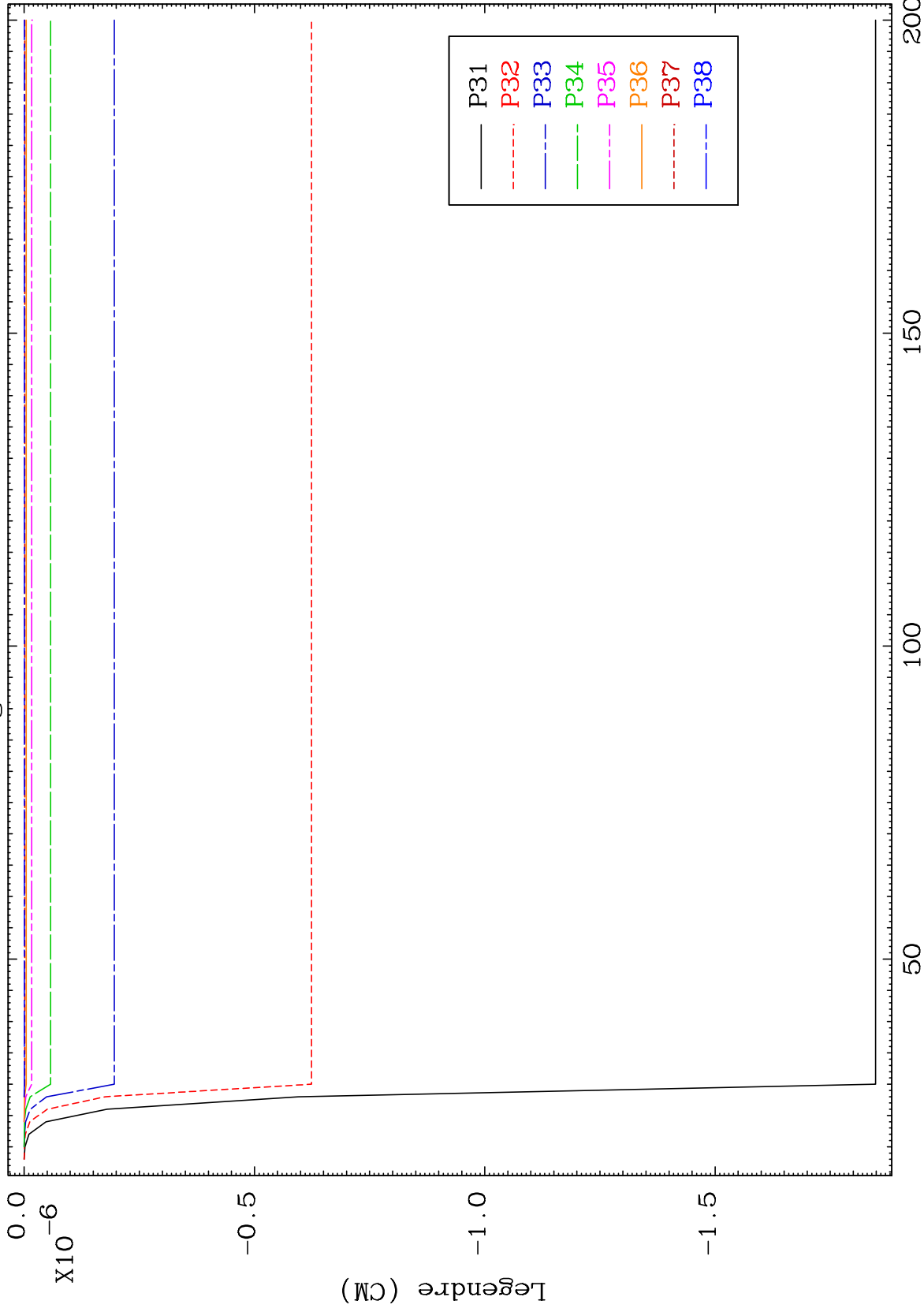
86

77-Ir-199

MAT 7749

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

77-Ir-199



87

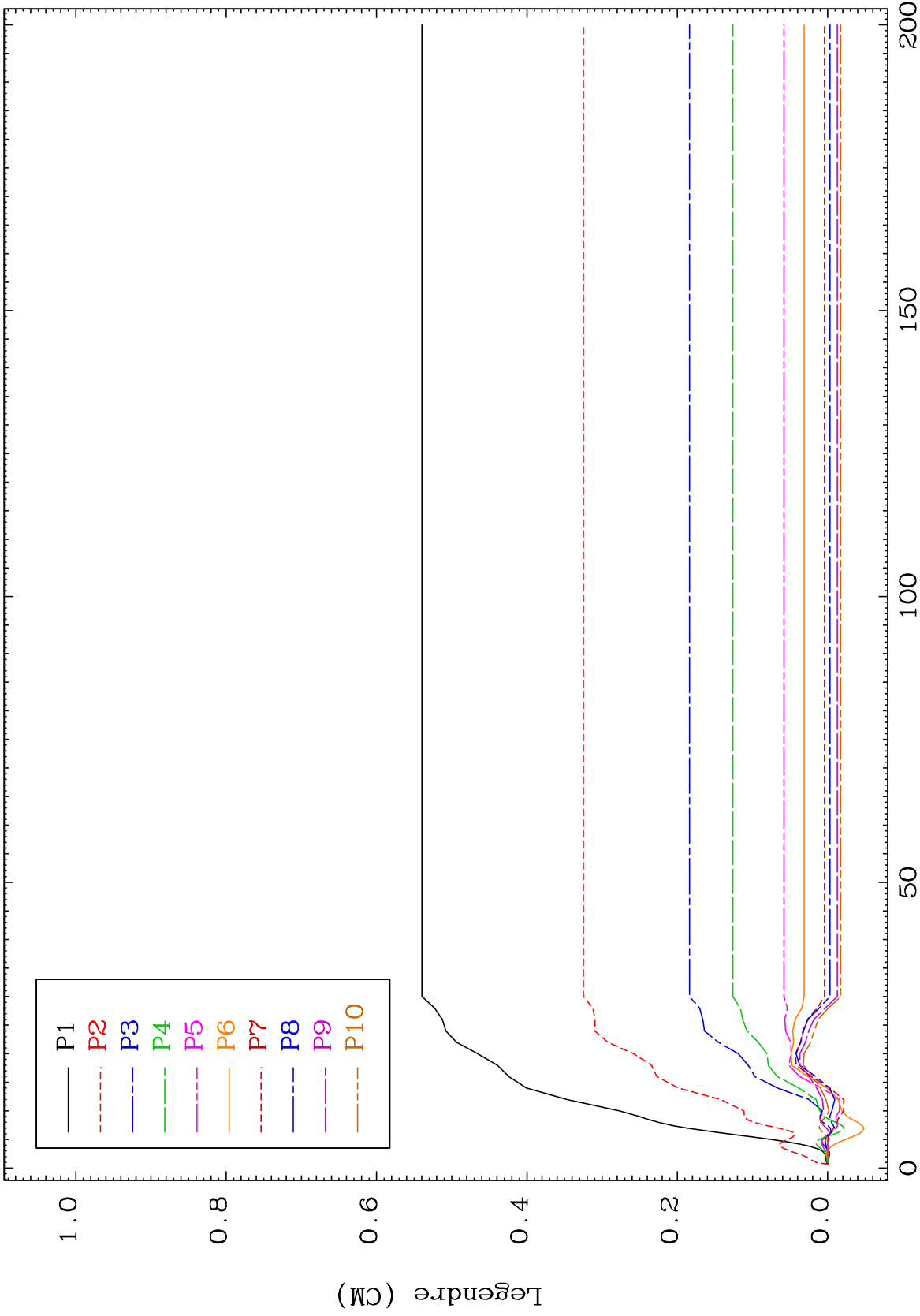
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



88

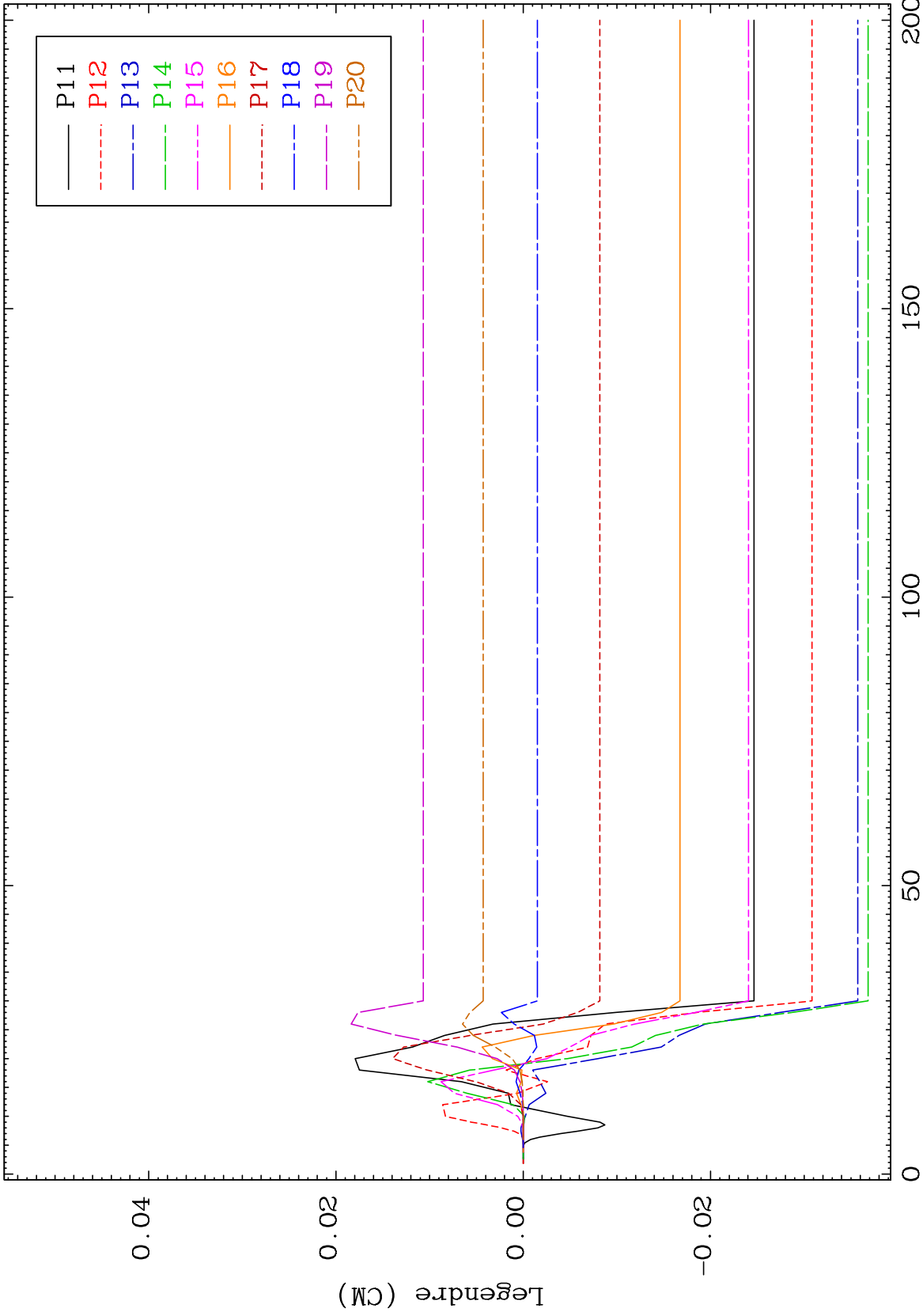
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



89

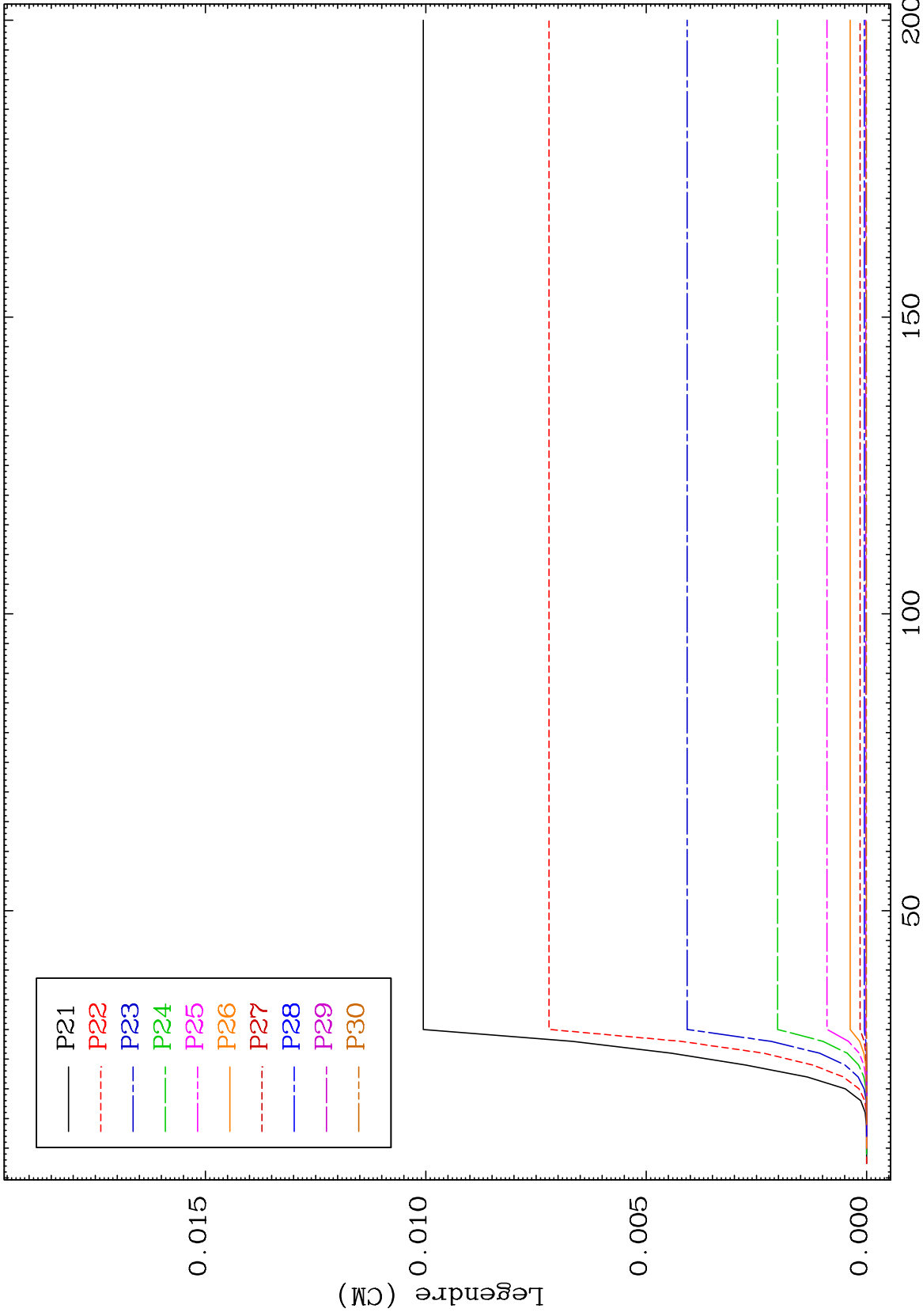
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



90

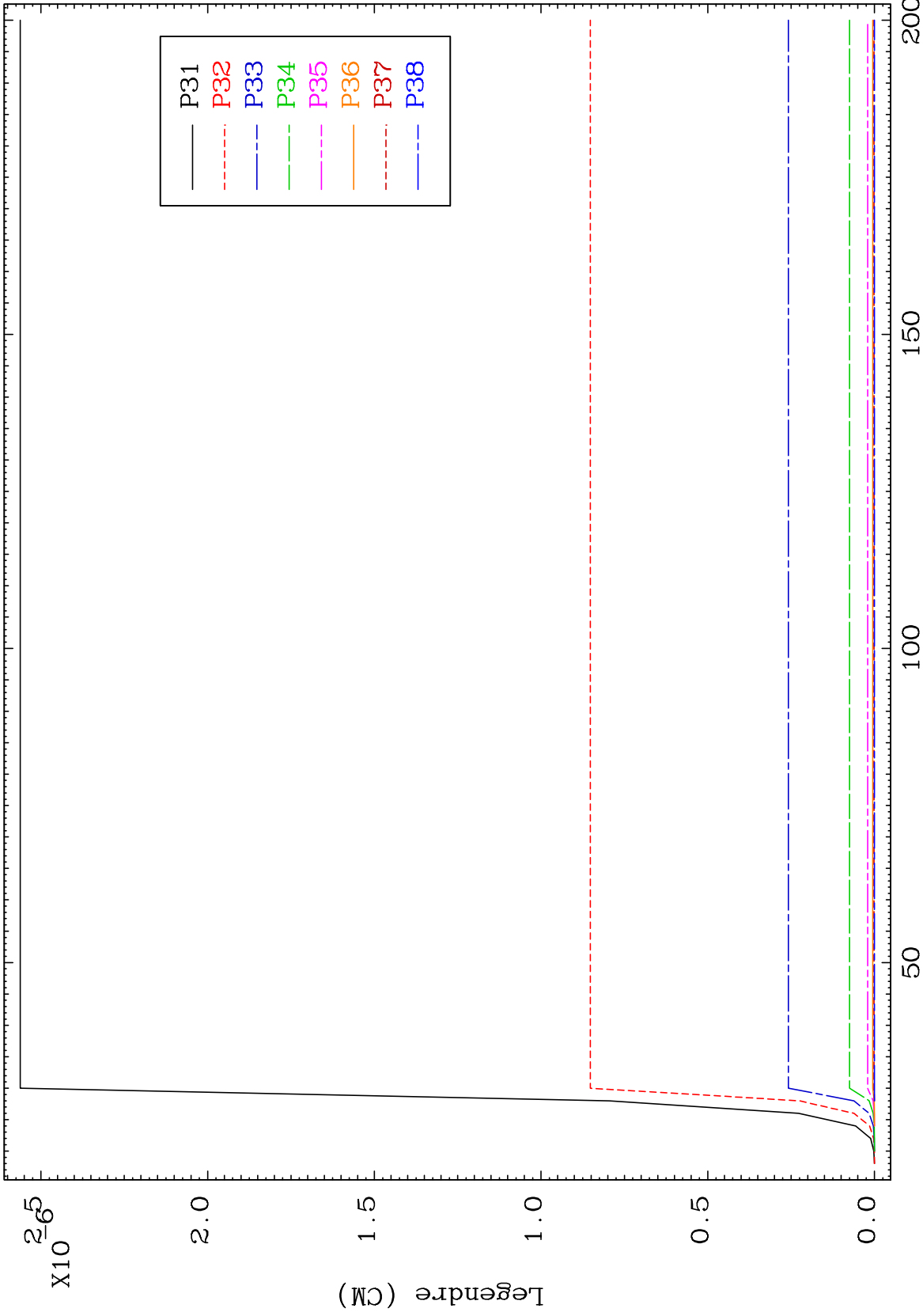
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



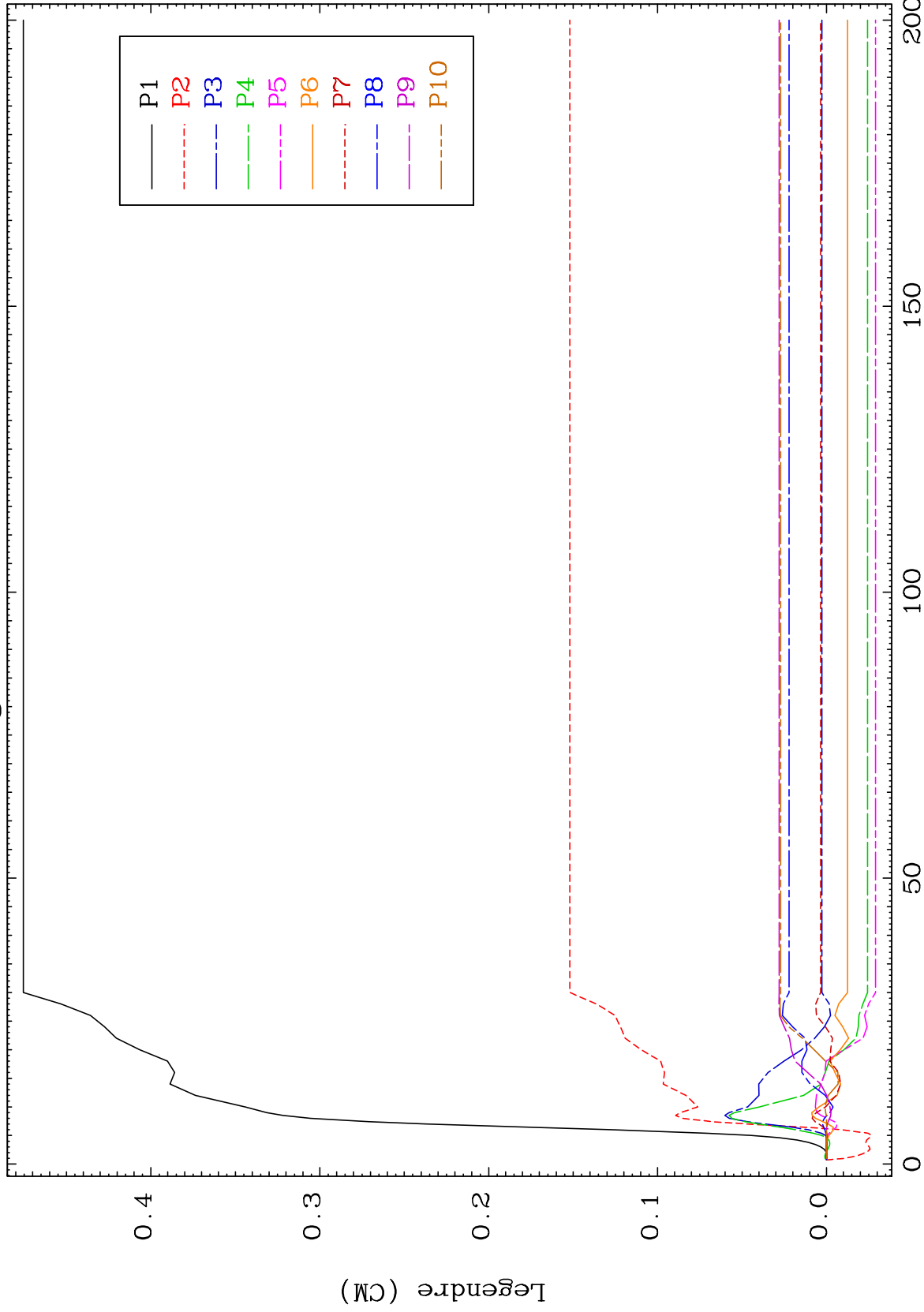
91

77-Ir-199

MAT 7749

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

77-Ir-199



92

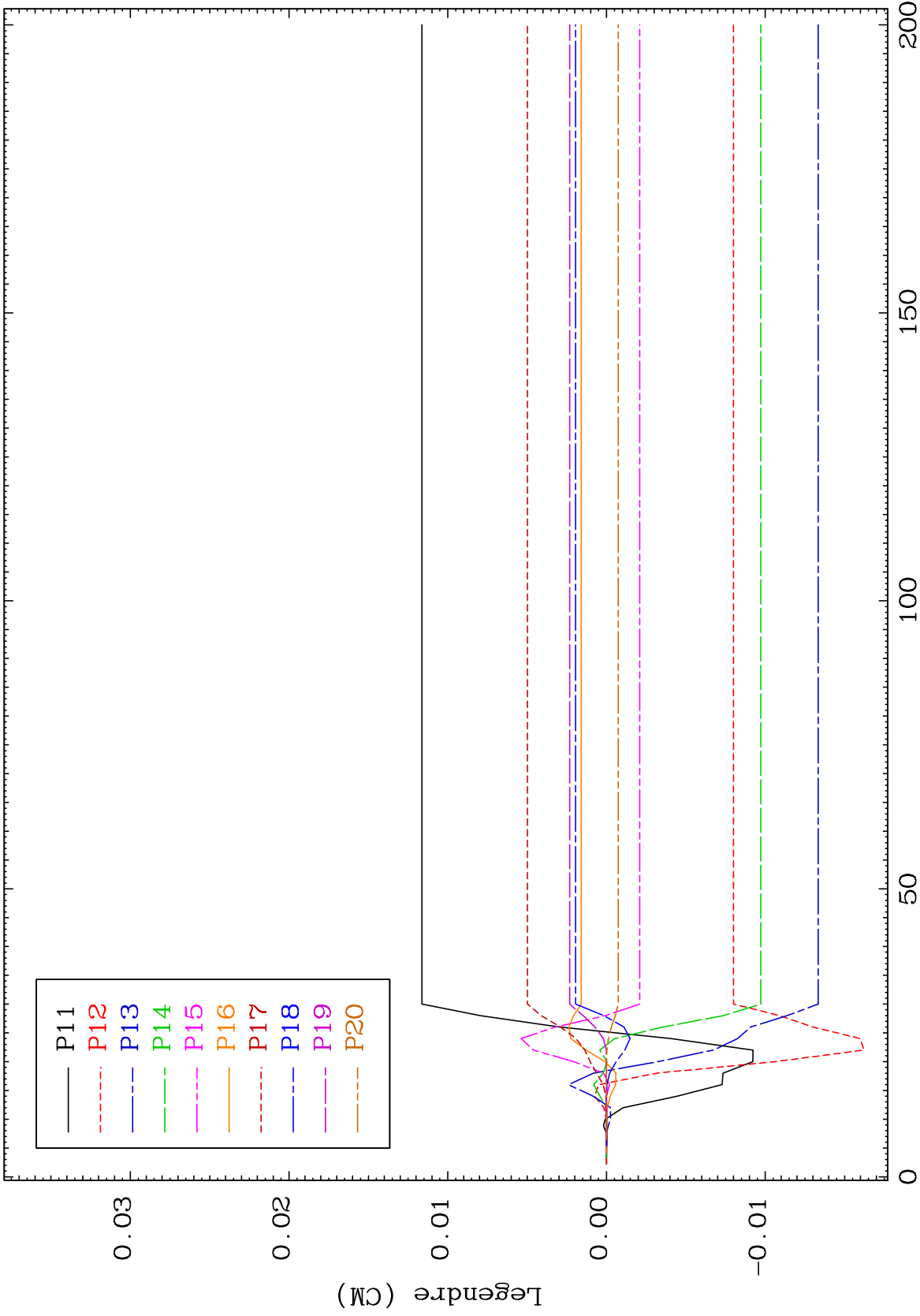
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



93

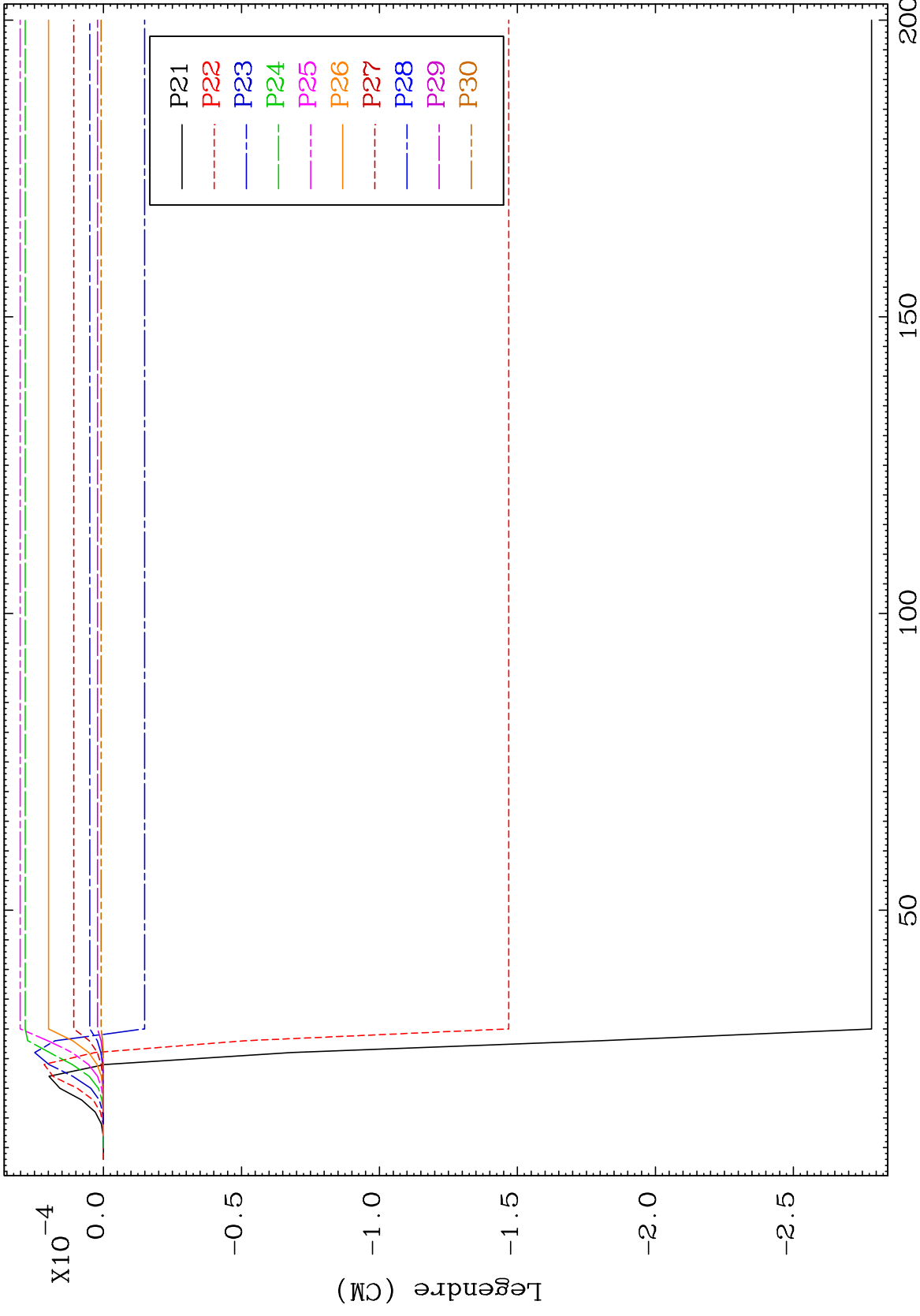
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



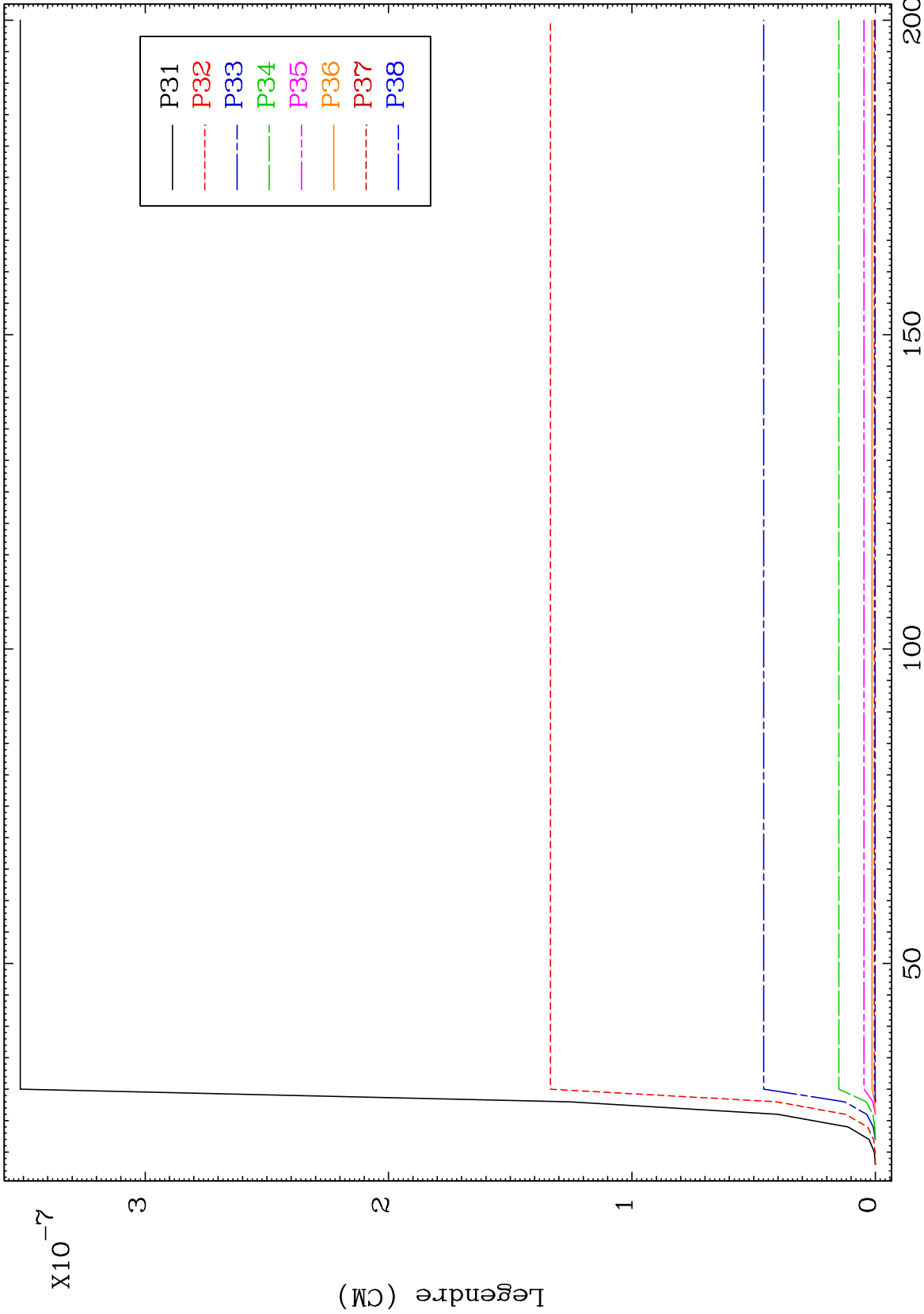
94

77-Ir-199

MAT 7749

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

77-Ir-199



95

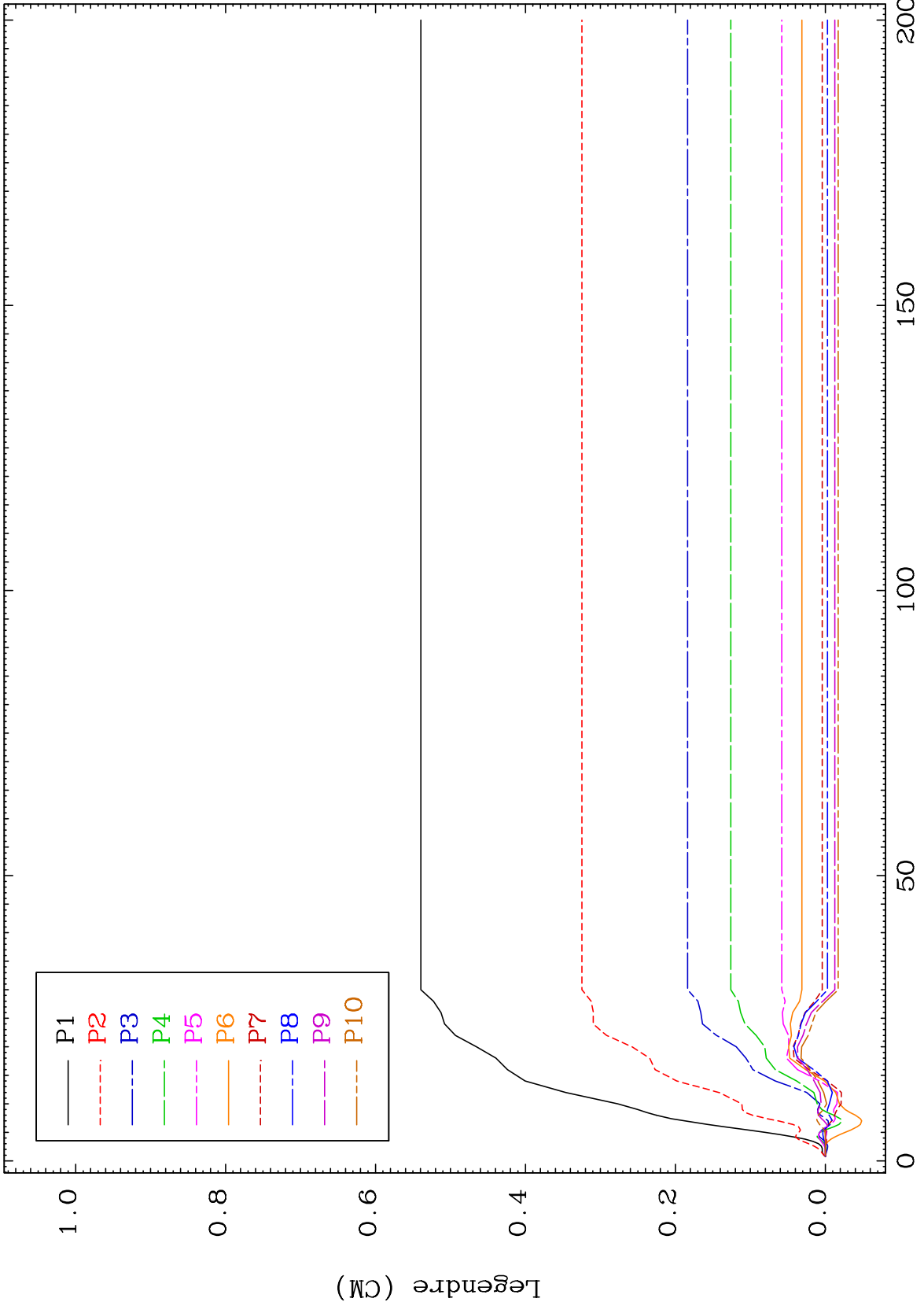
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



96

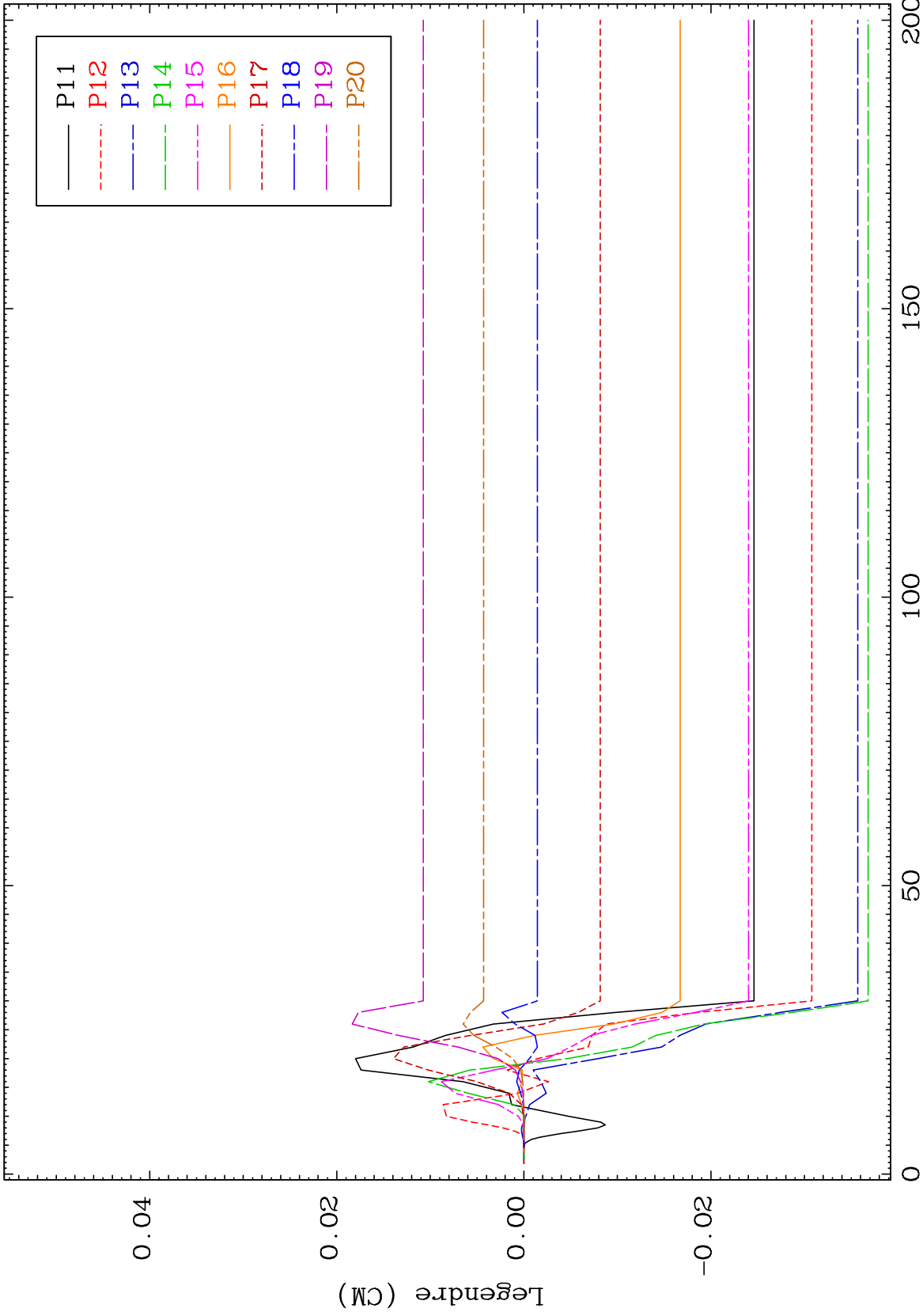
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

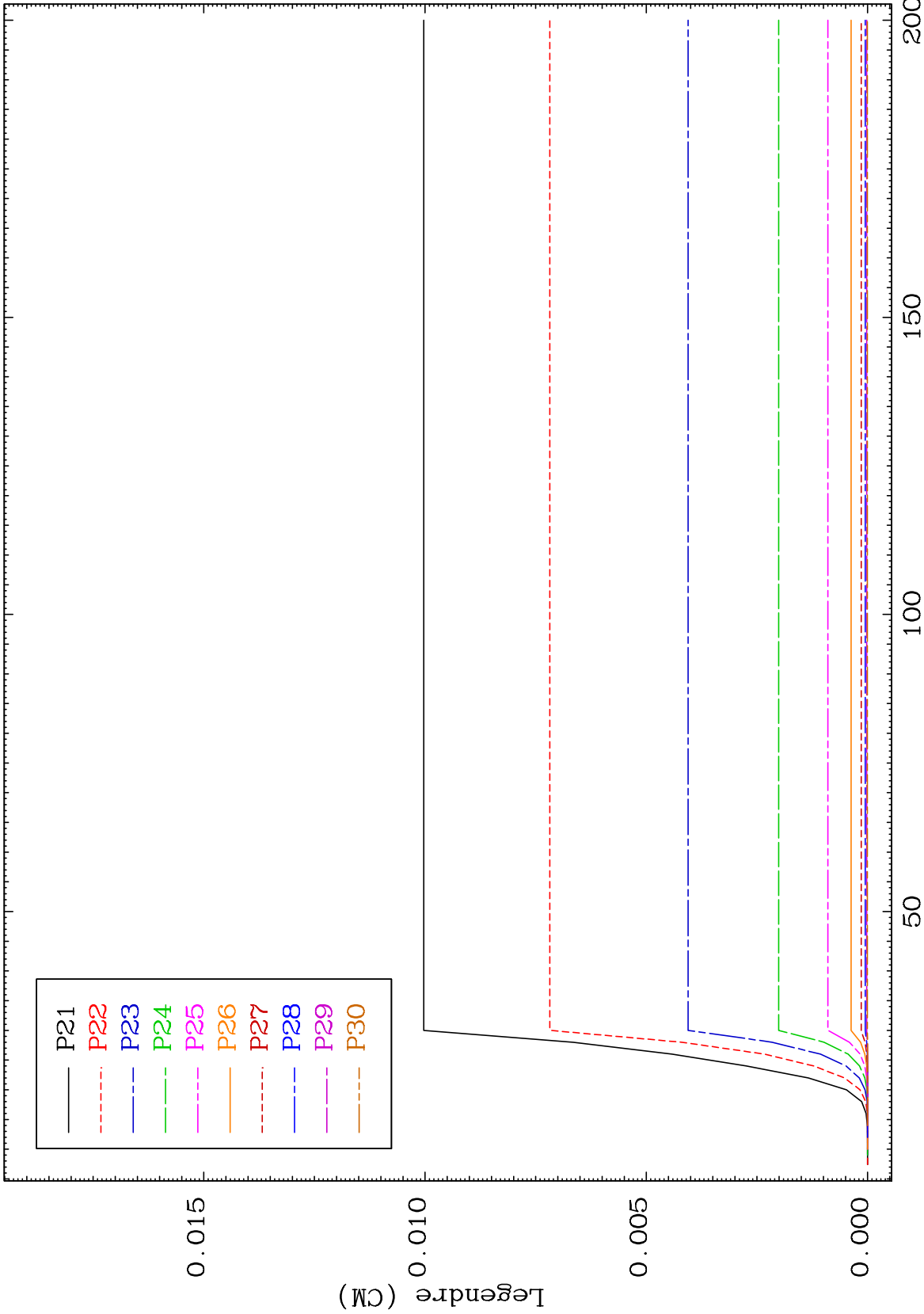
77-Ir-199



97

Incident Energy (MeV)

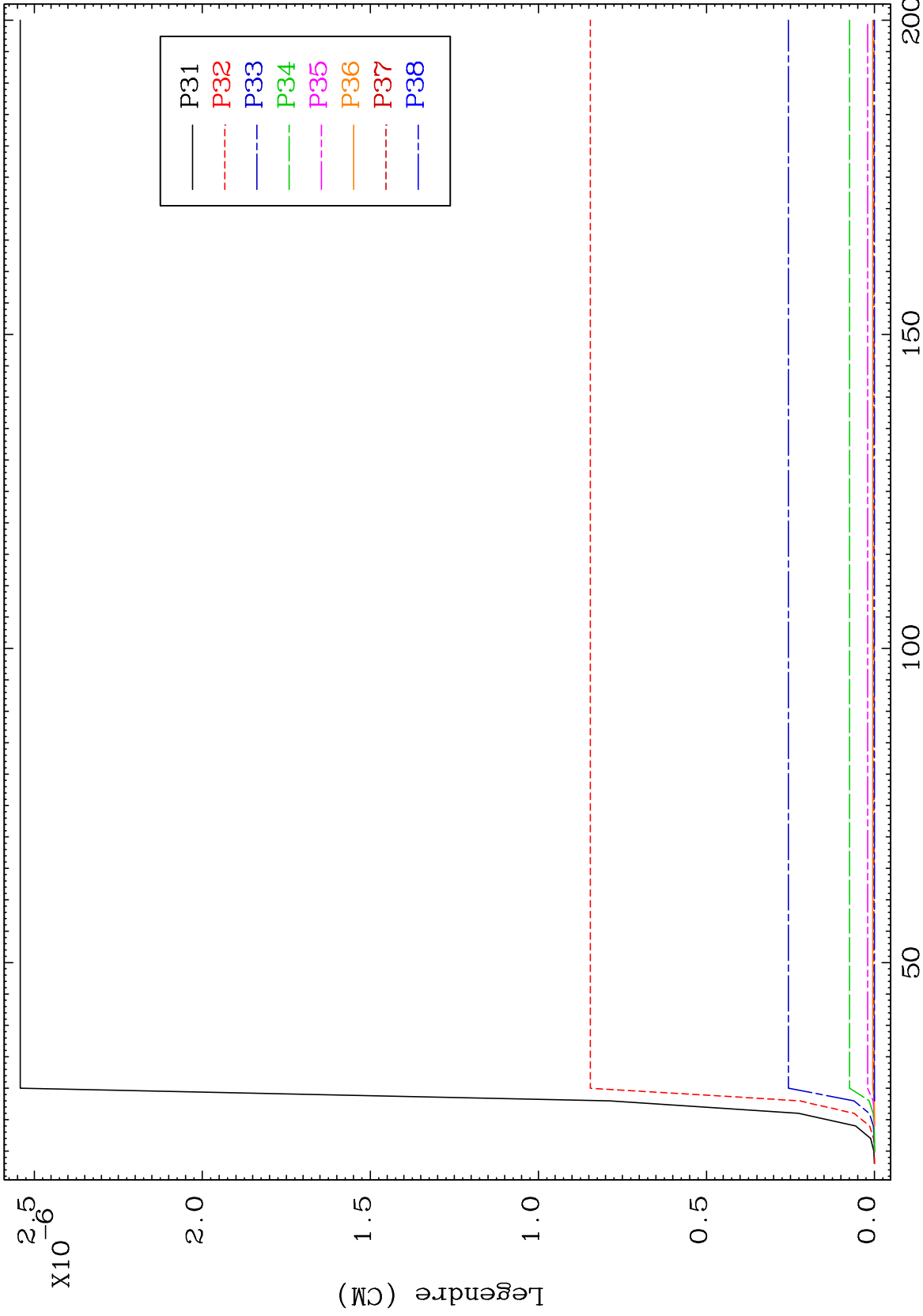
77-Ir-199



MAT 7749

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

77-Ir-199



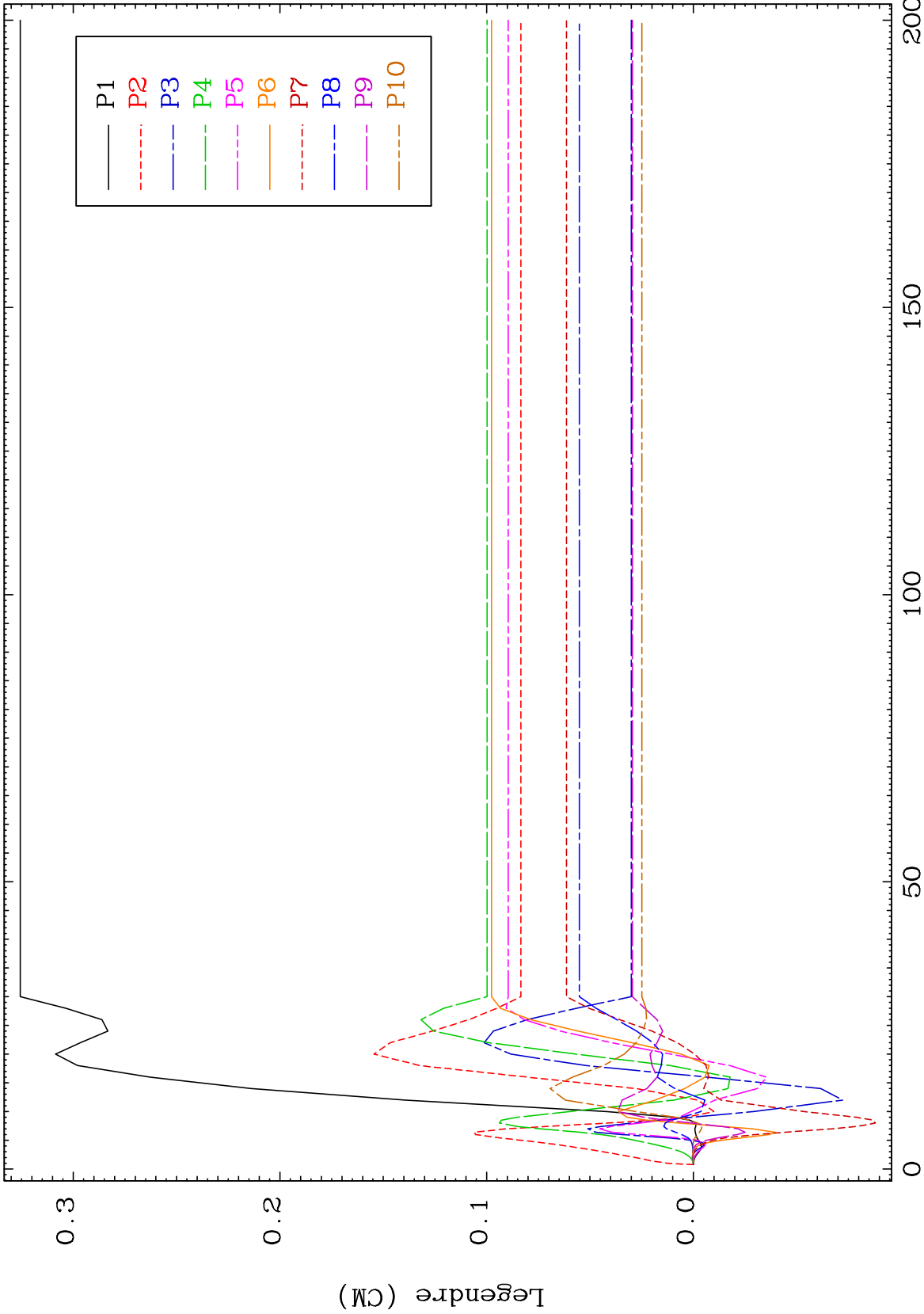
99

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

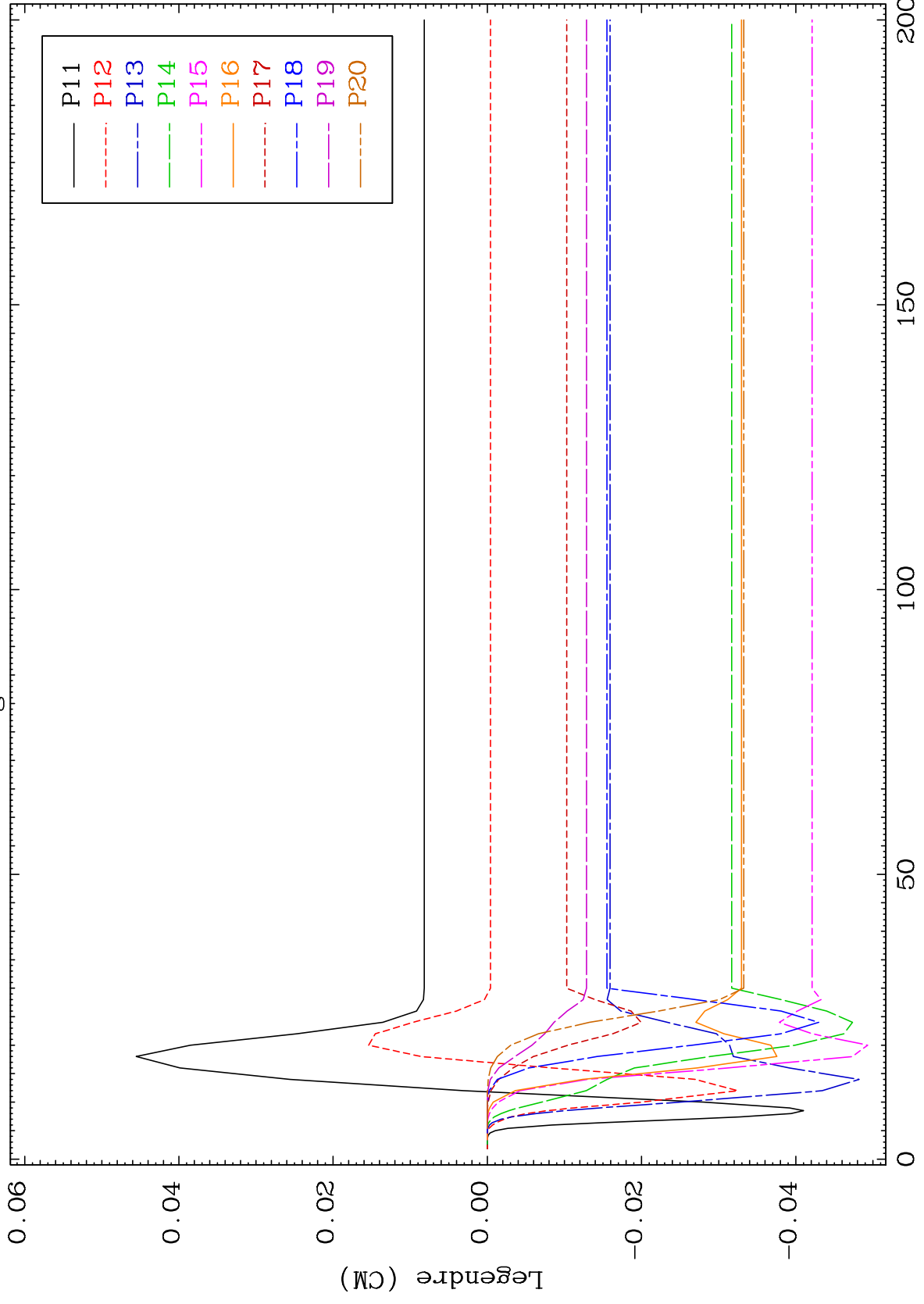
Incident Energy (MeV)

100

MAT 7749

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

77-Ir-199



101

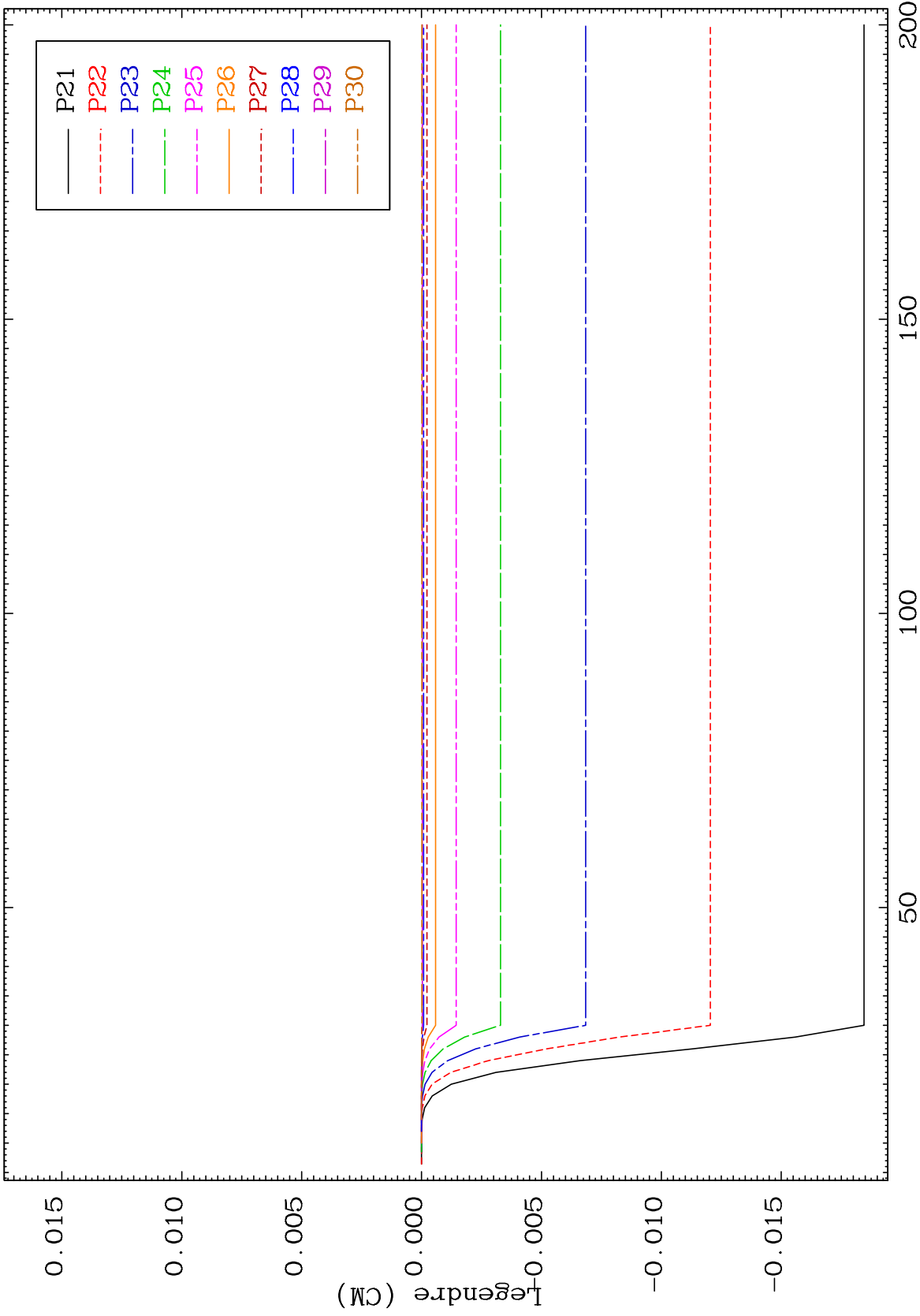
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



102

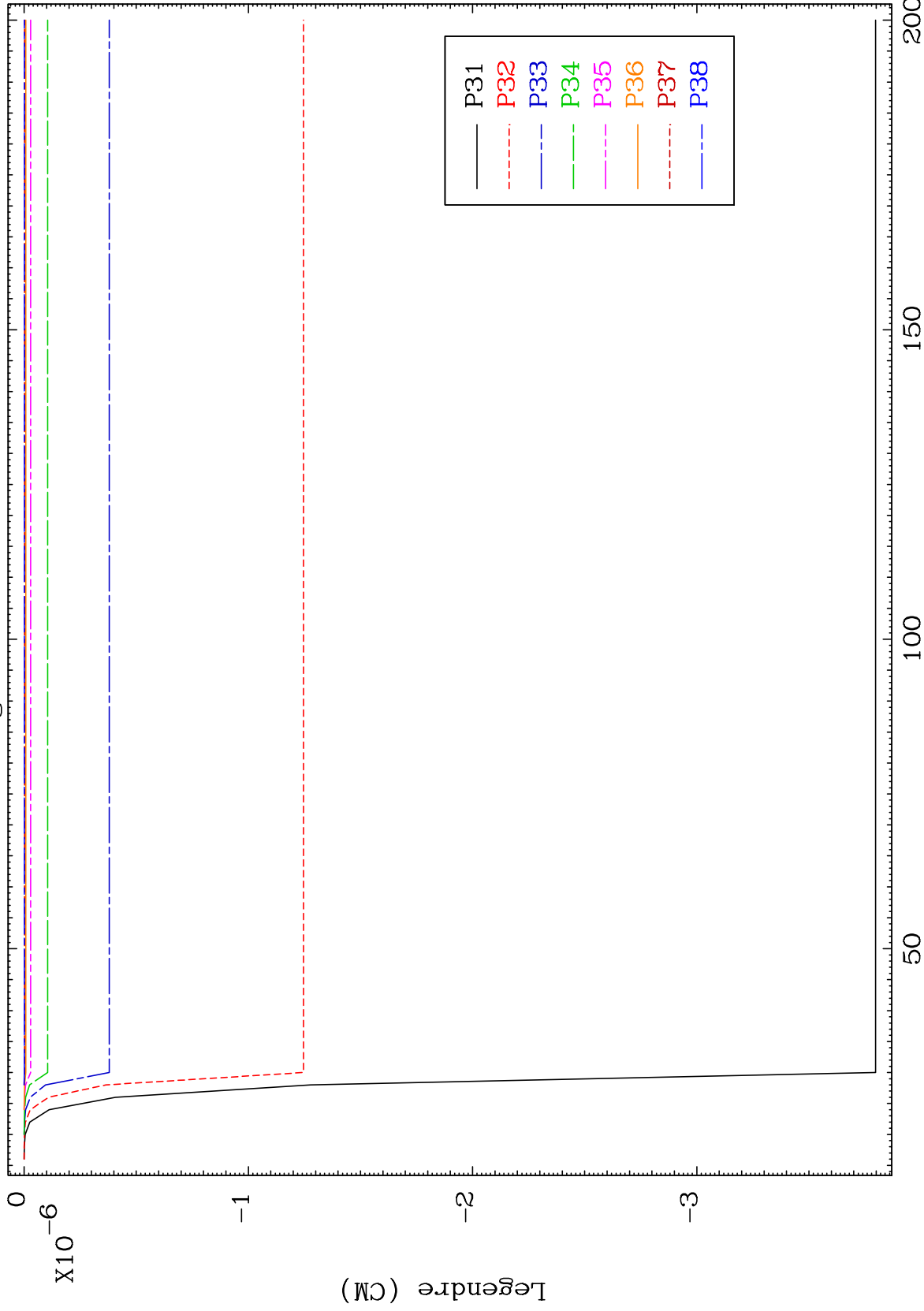
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



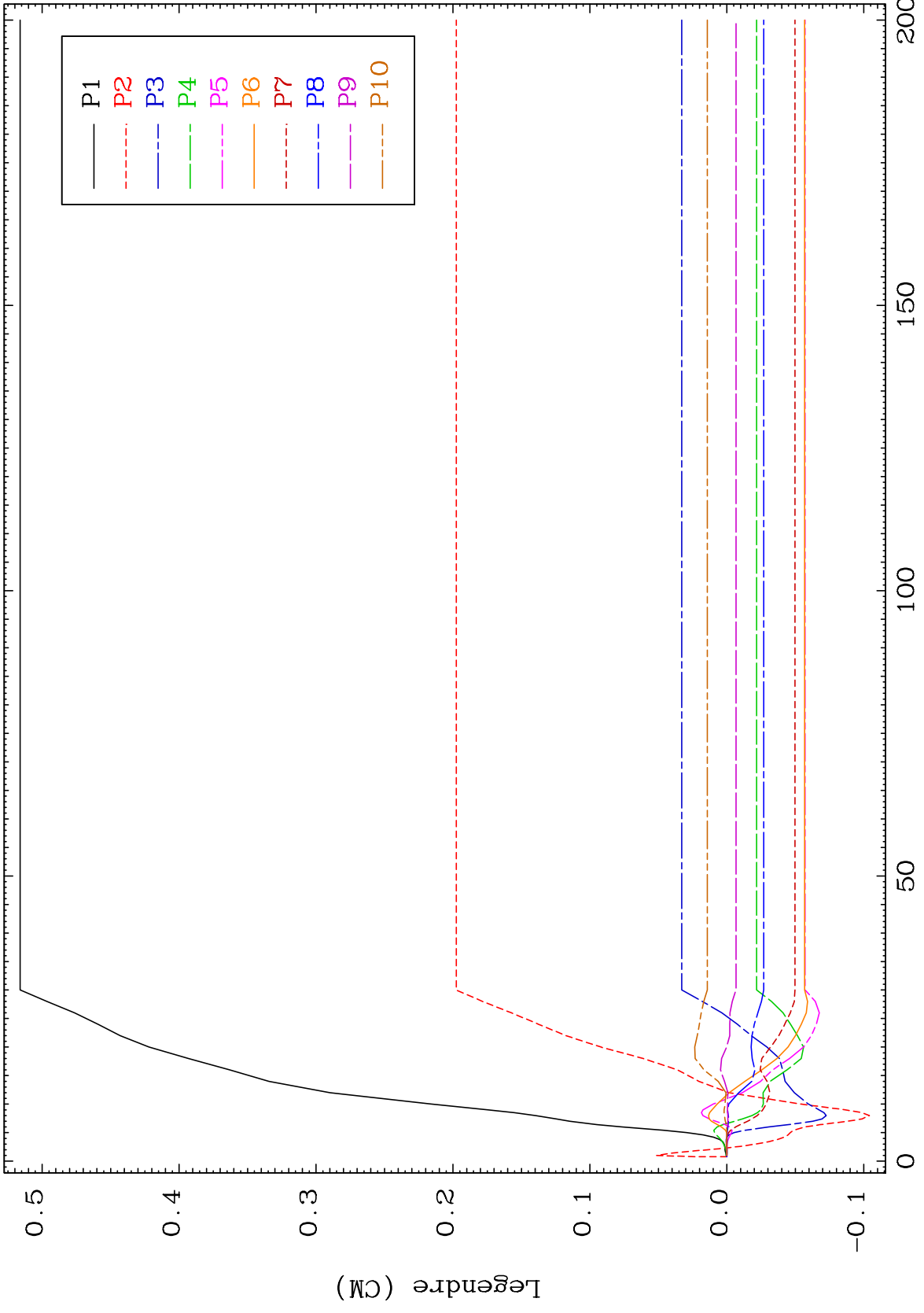
103

77-Ir-199

MAT 7749

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

77-Ir-199



104

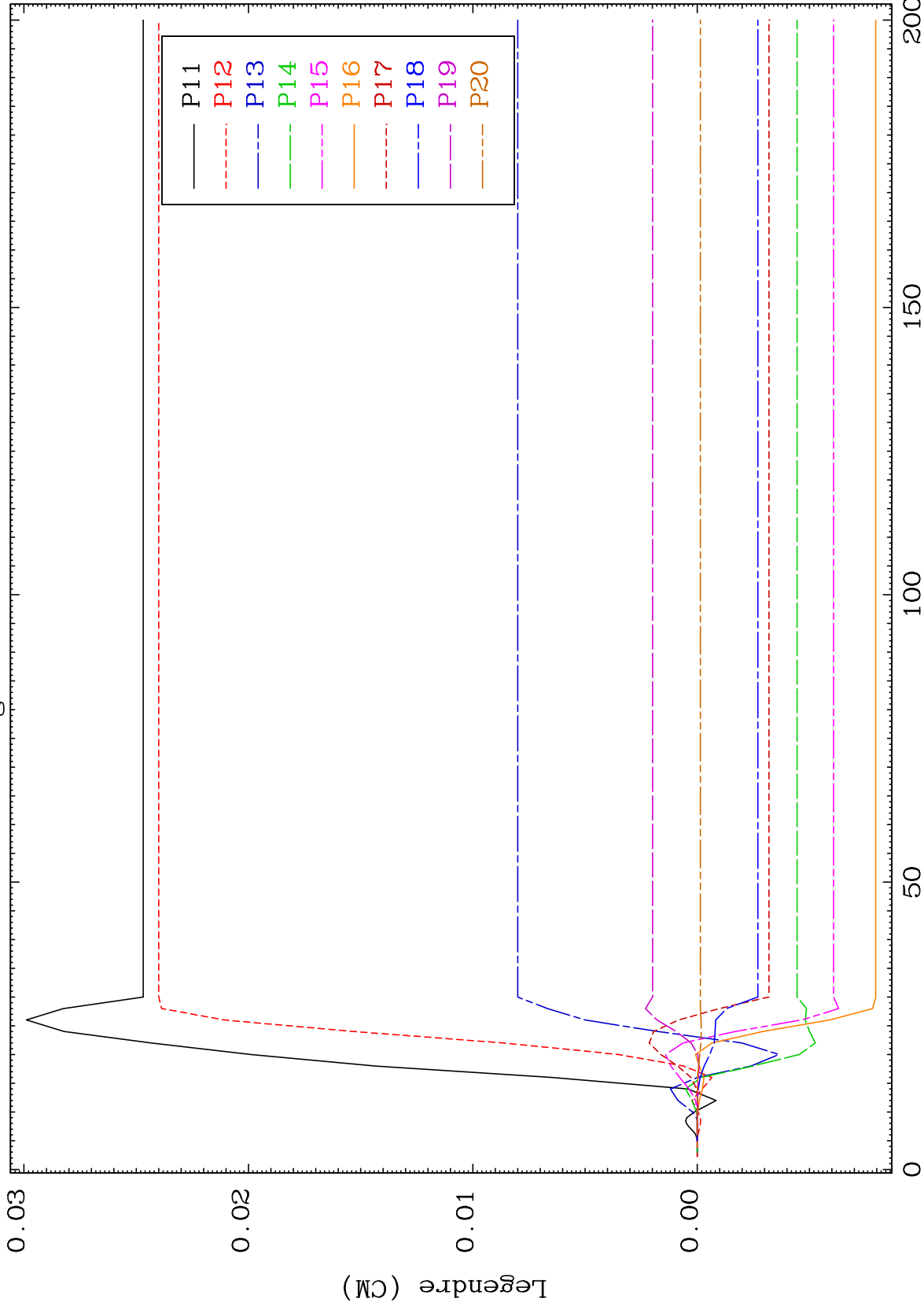
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



105

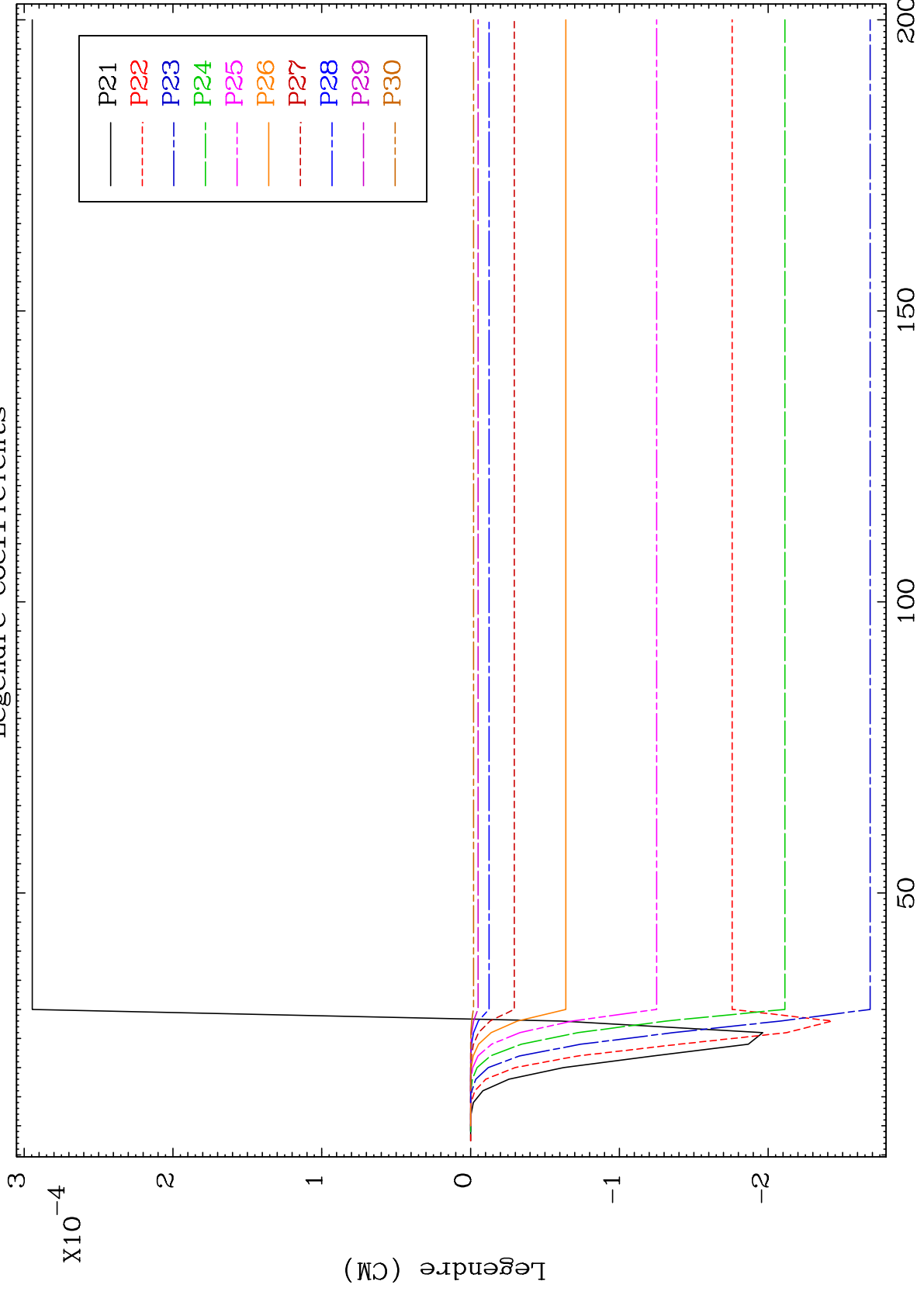
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



106

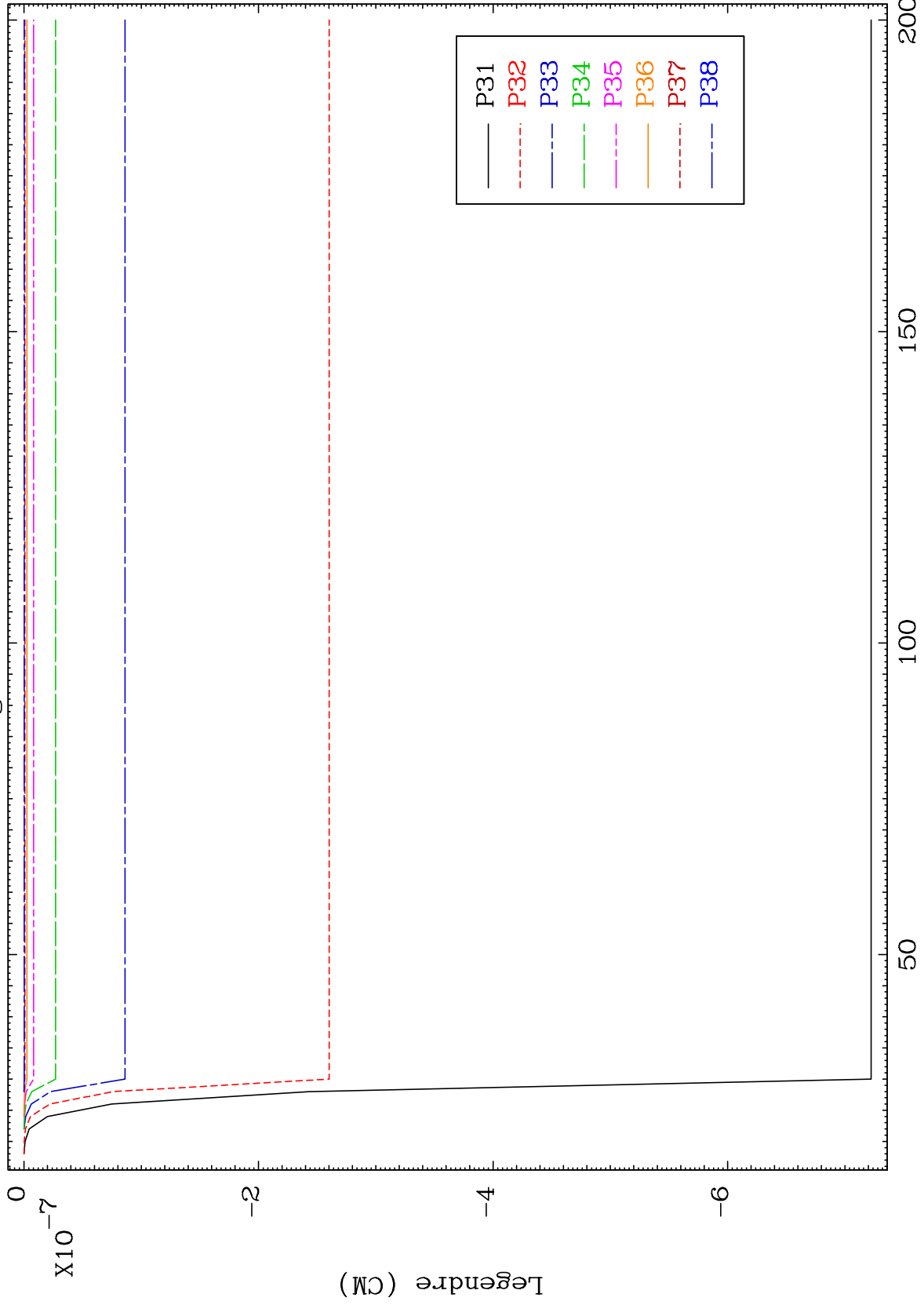
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

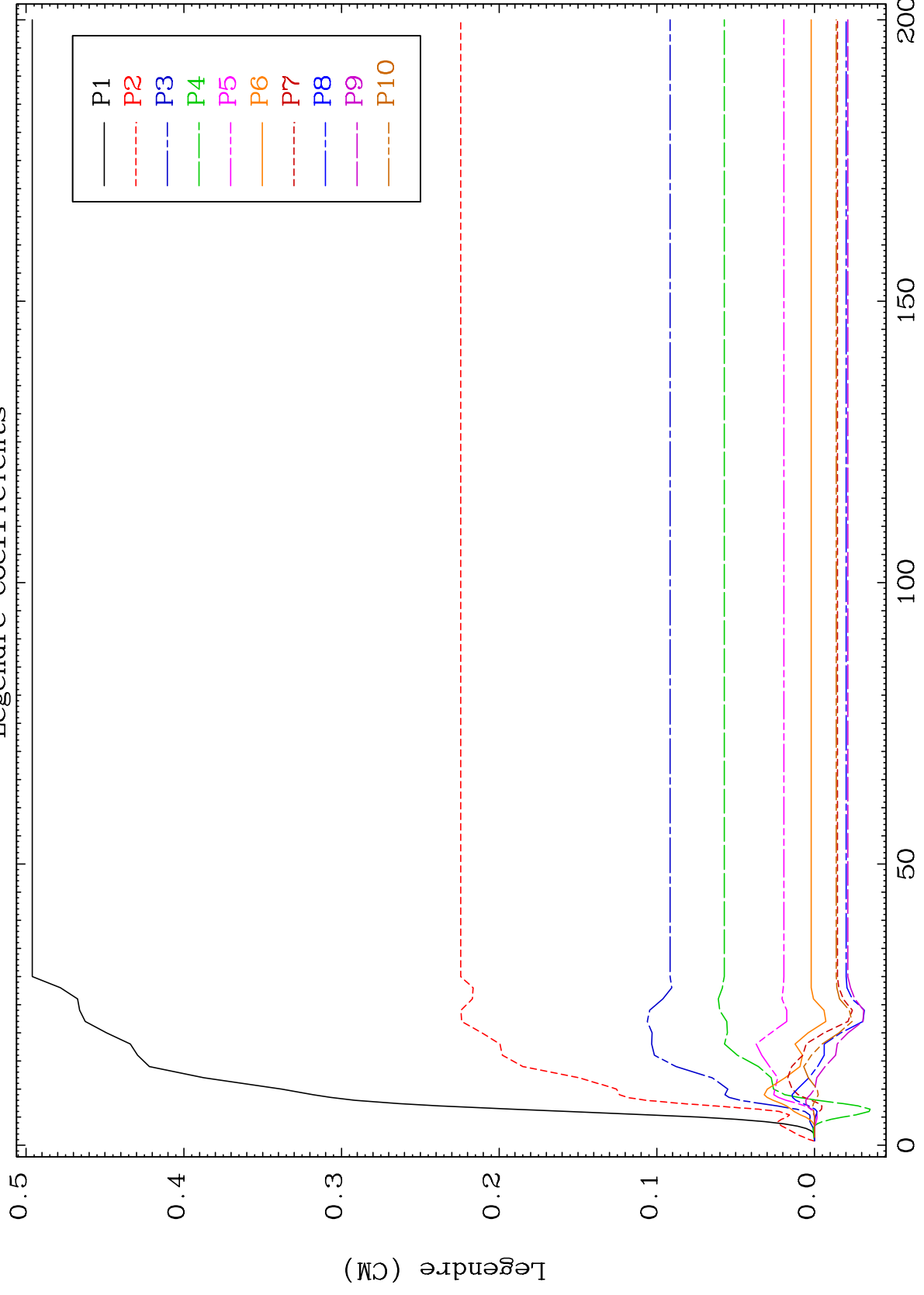
Incident Energy (MeV)

107

MAT 7749

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

77-Ir-199



77-Ir-199

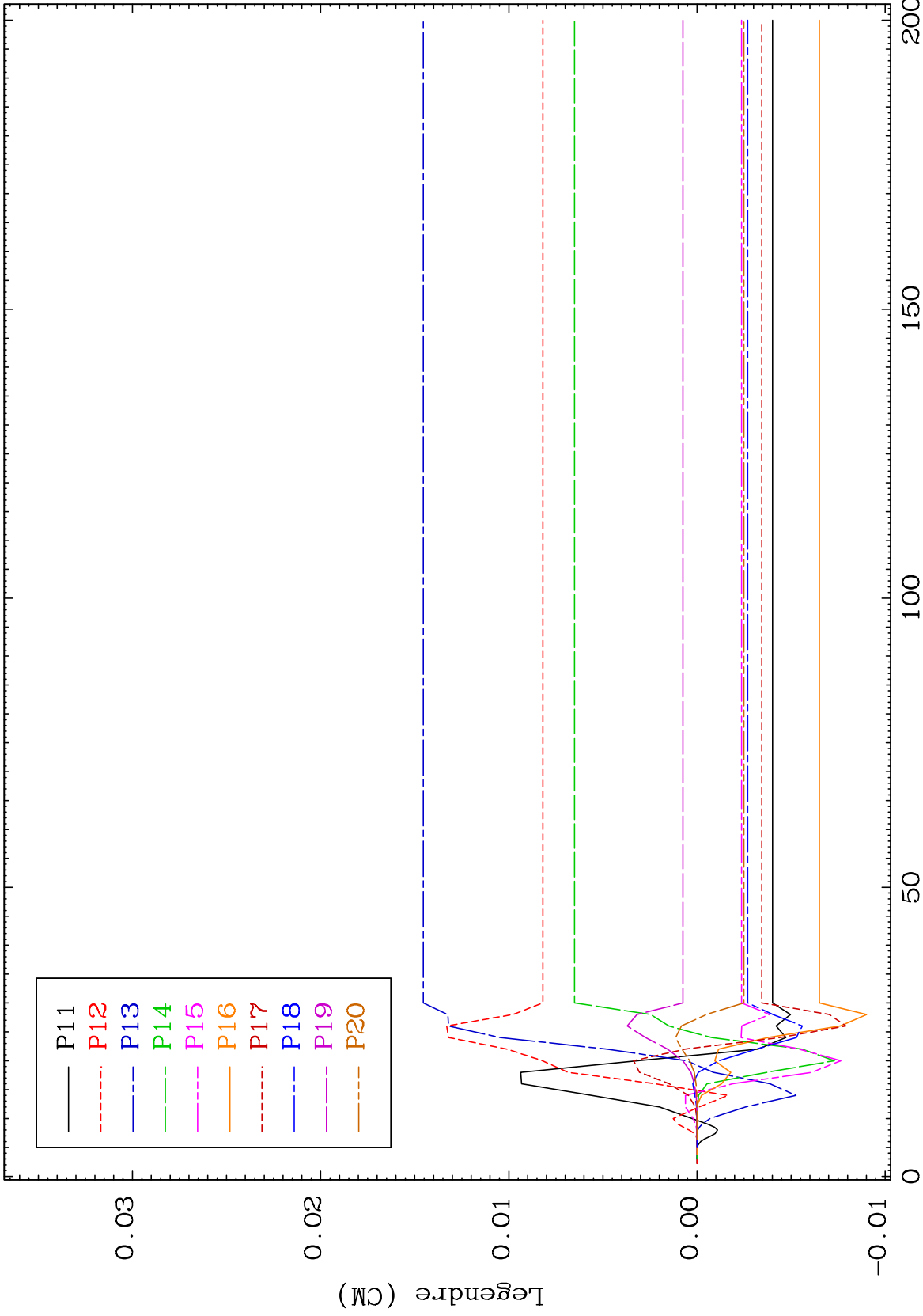
Incident Energy (MeV)

108

MAT 7749

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

77-Ir-199



109

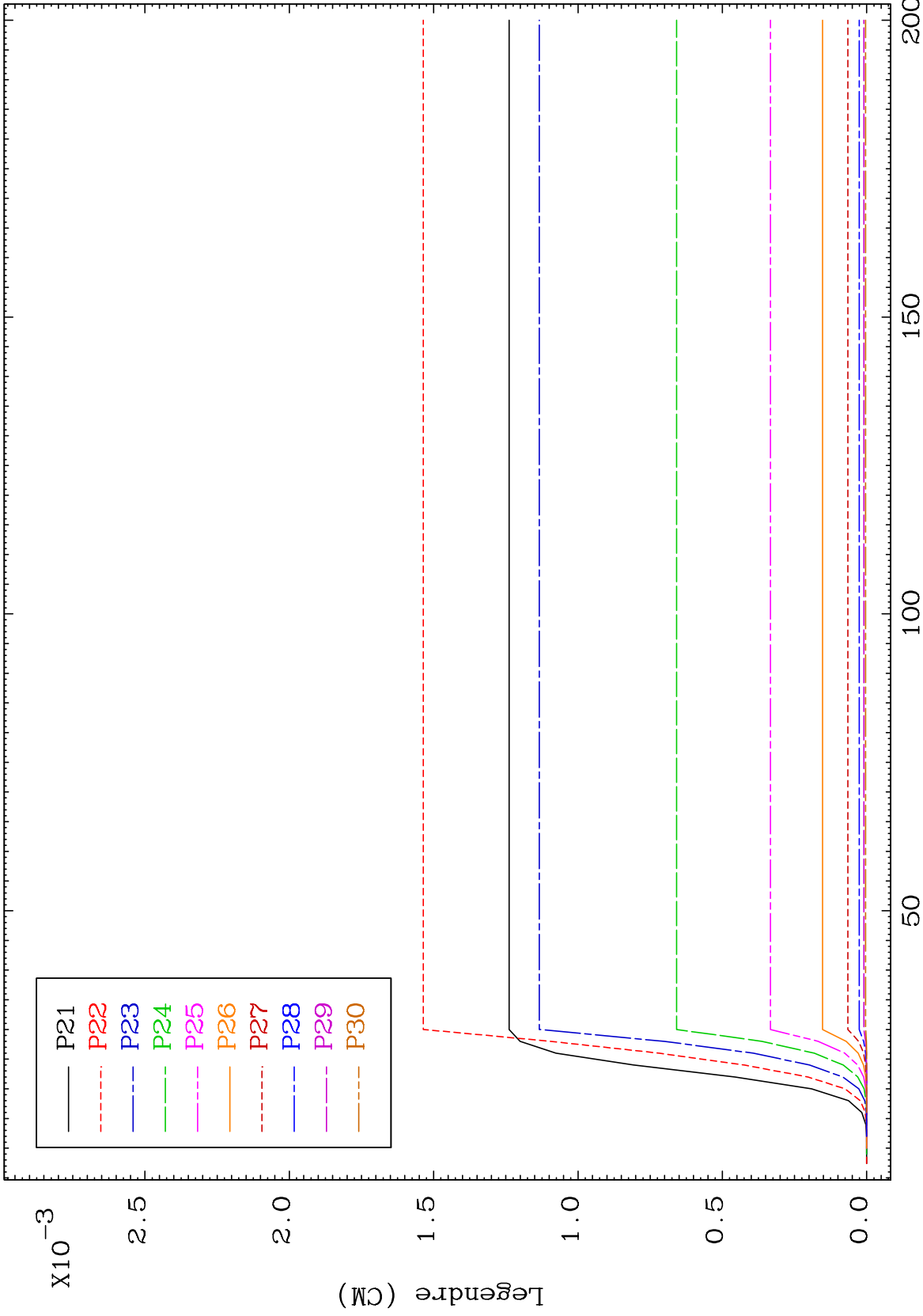
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



110

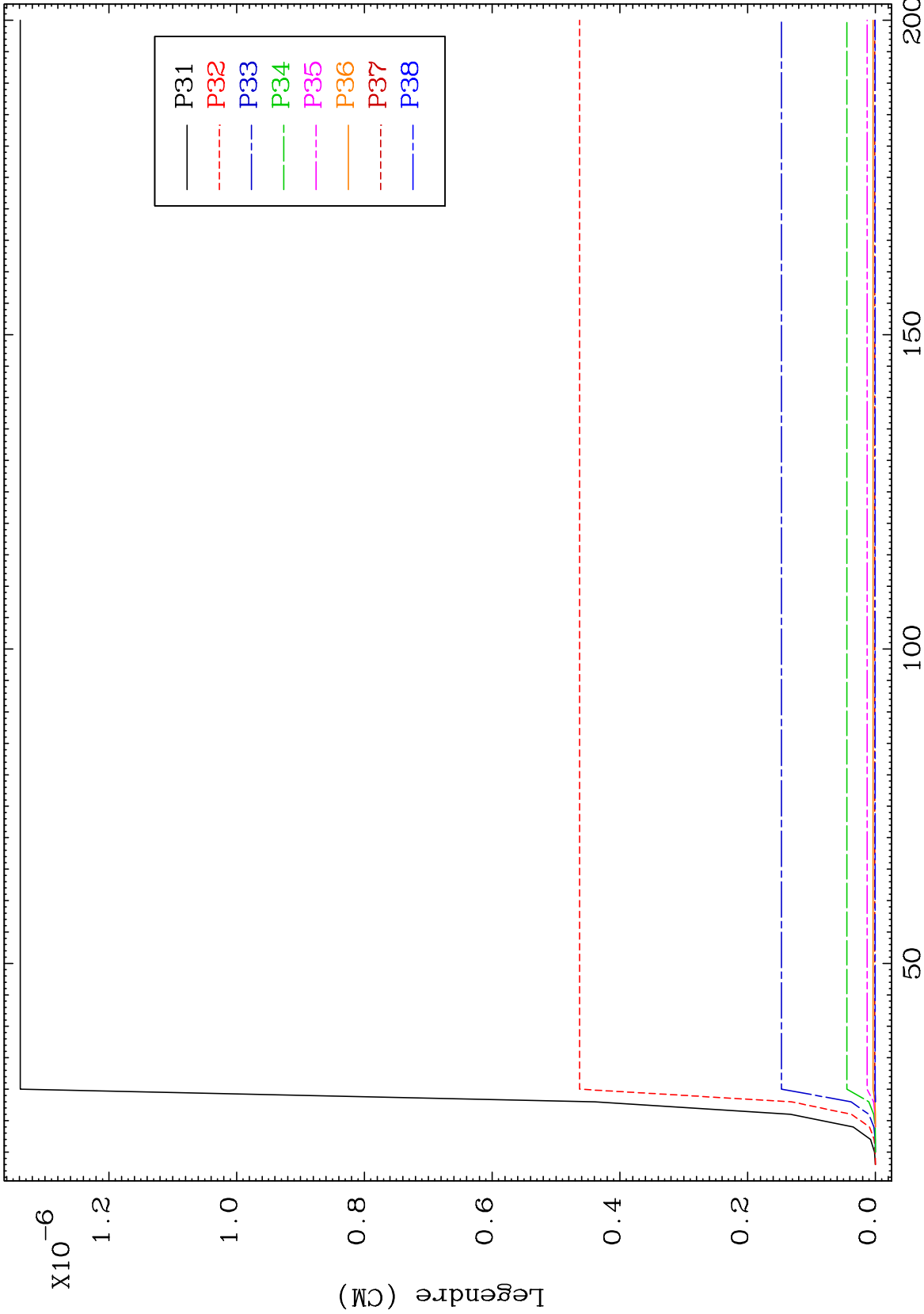
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



111

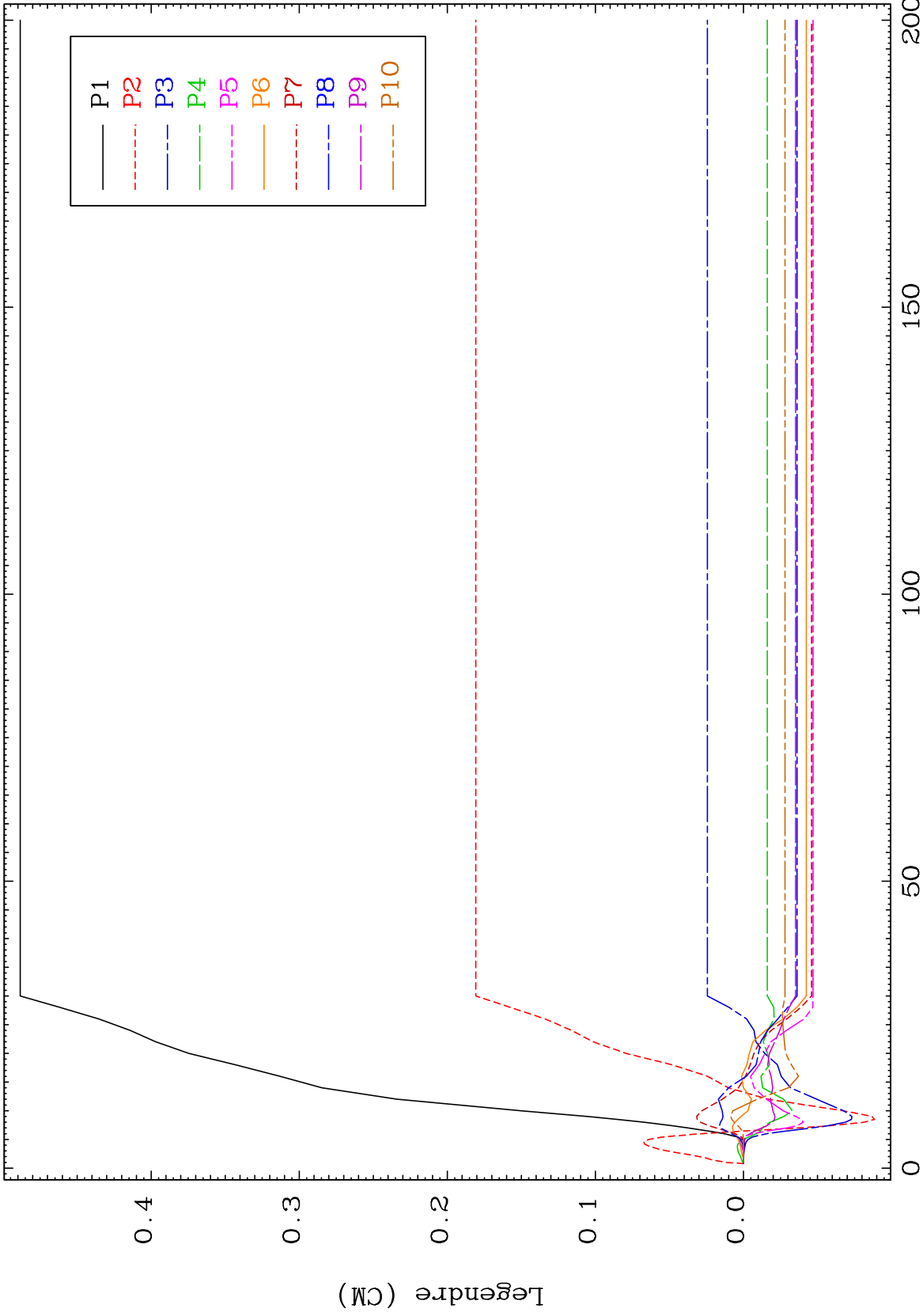
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



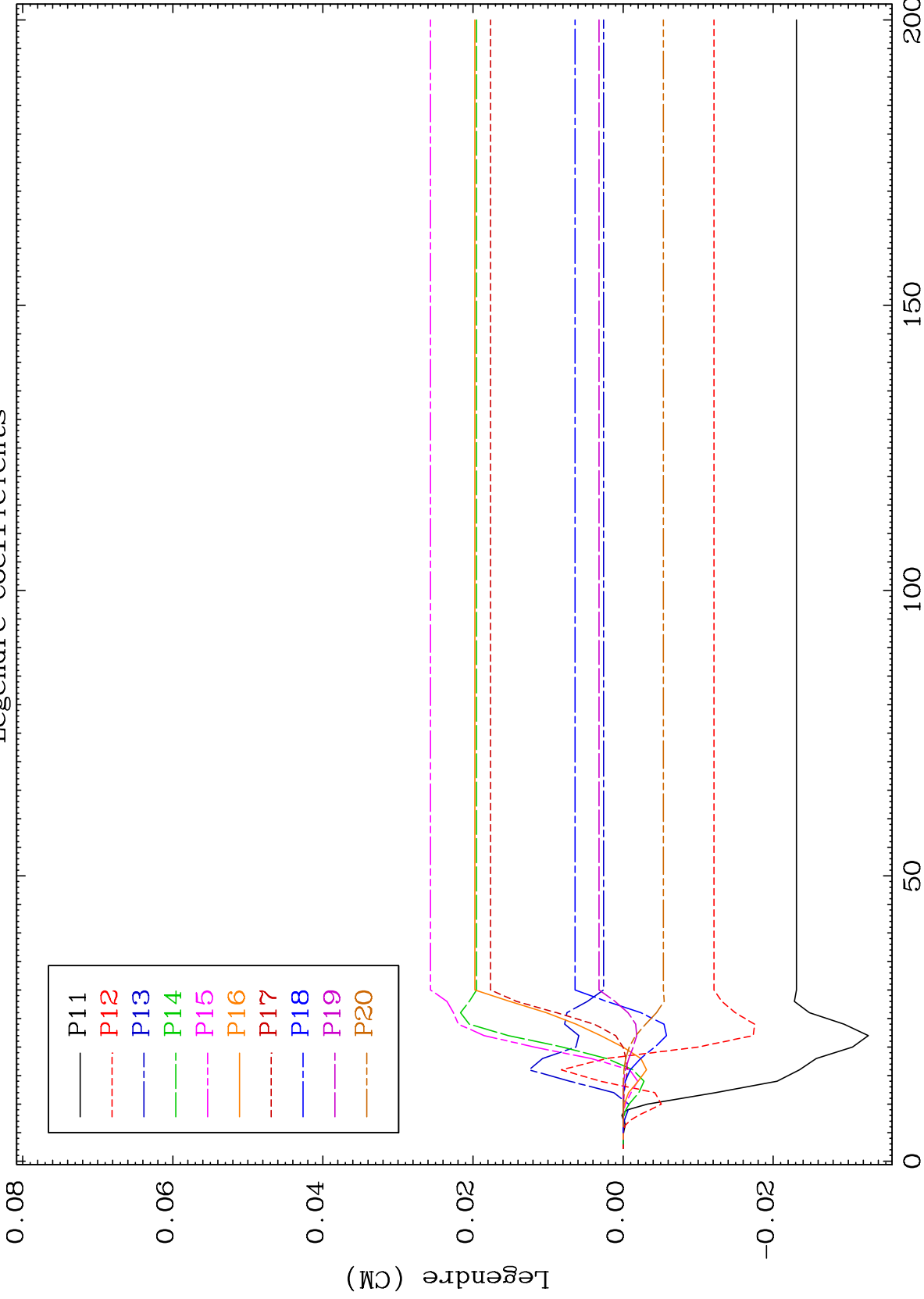
112

77-Ir-199

MAT 7749

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

77-Ir-199



113

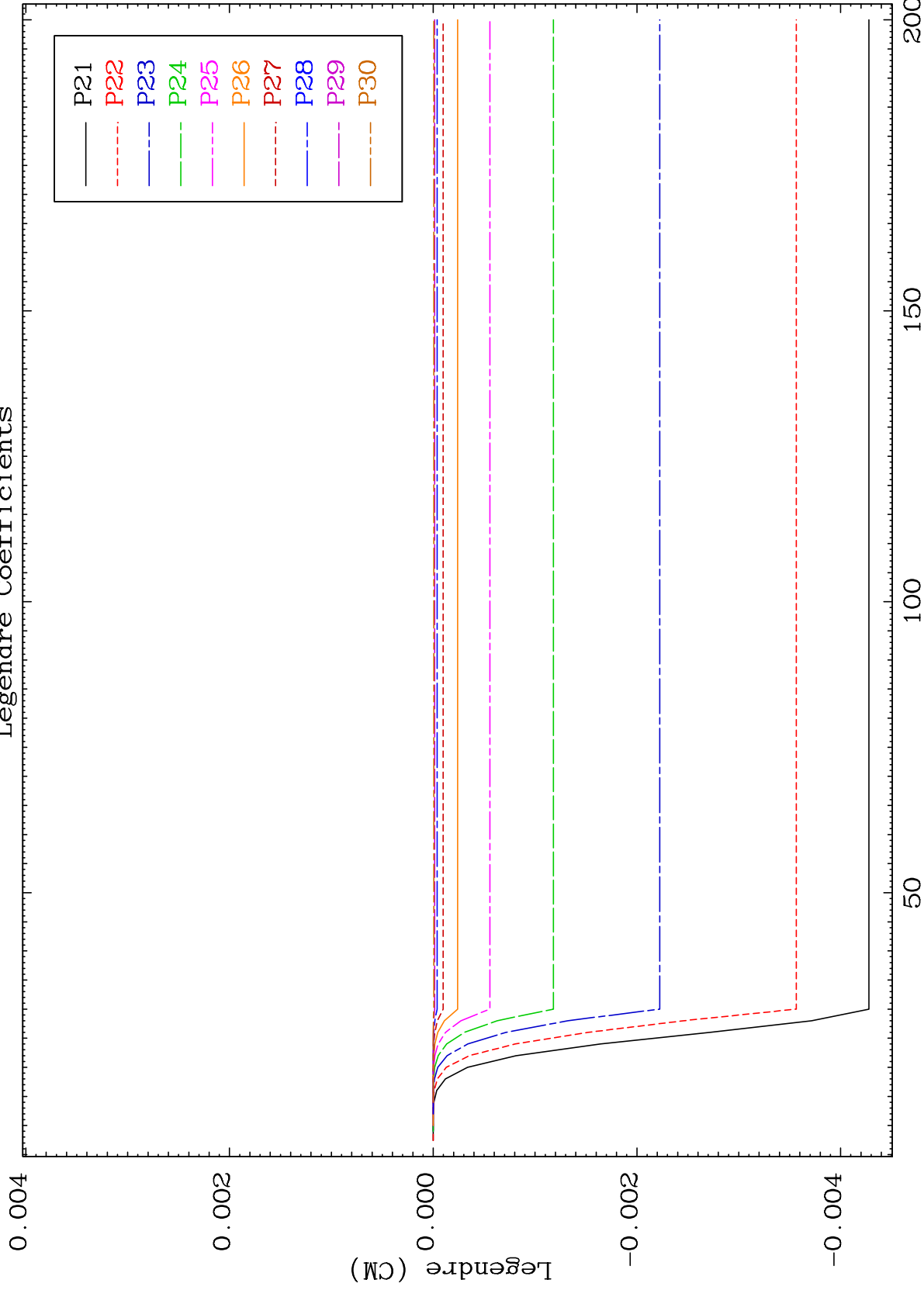
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



114

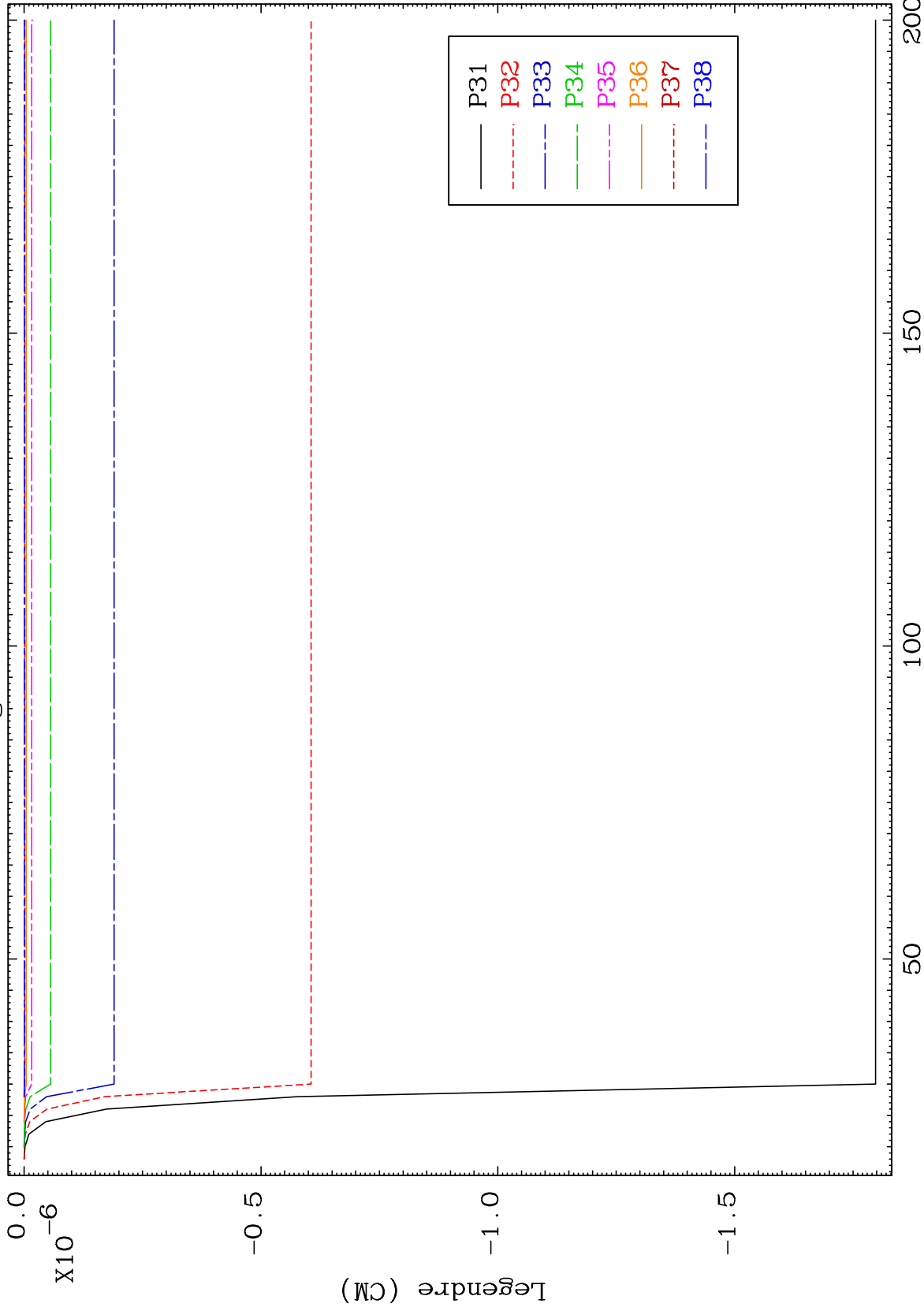
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

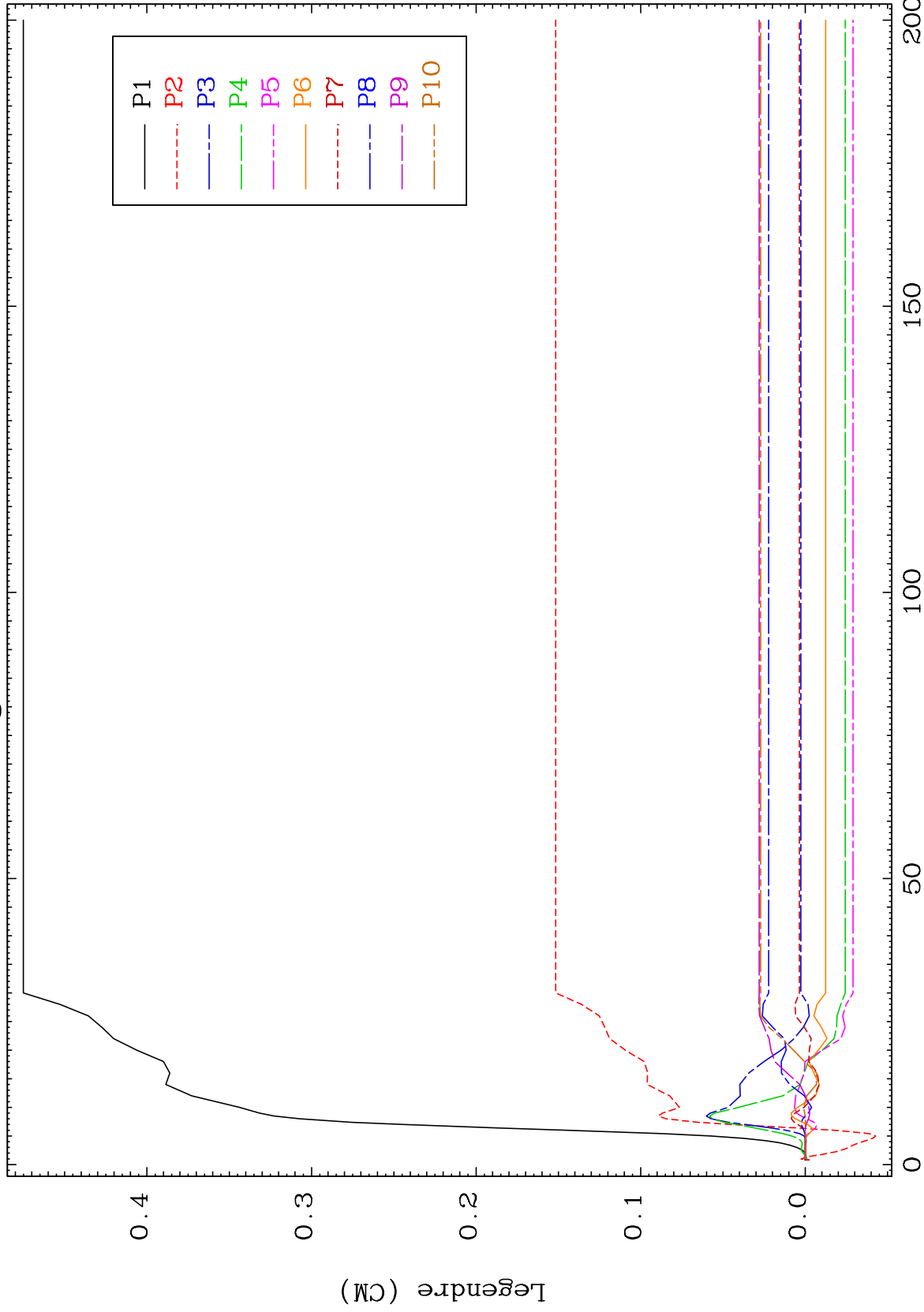
Incident Energy (MeV)

115

MAT 7749

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

77-Ir-199



116

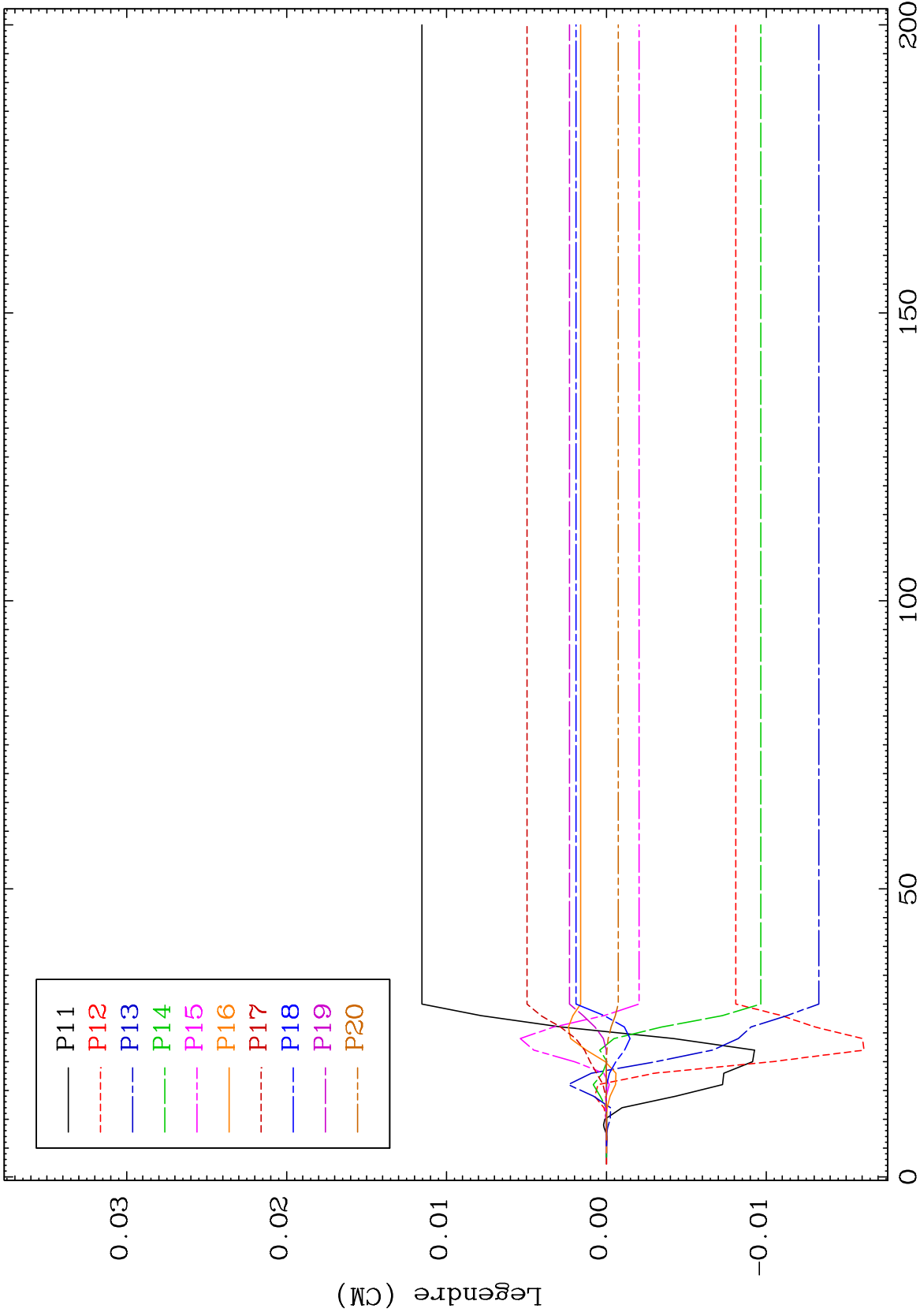
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

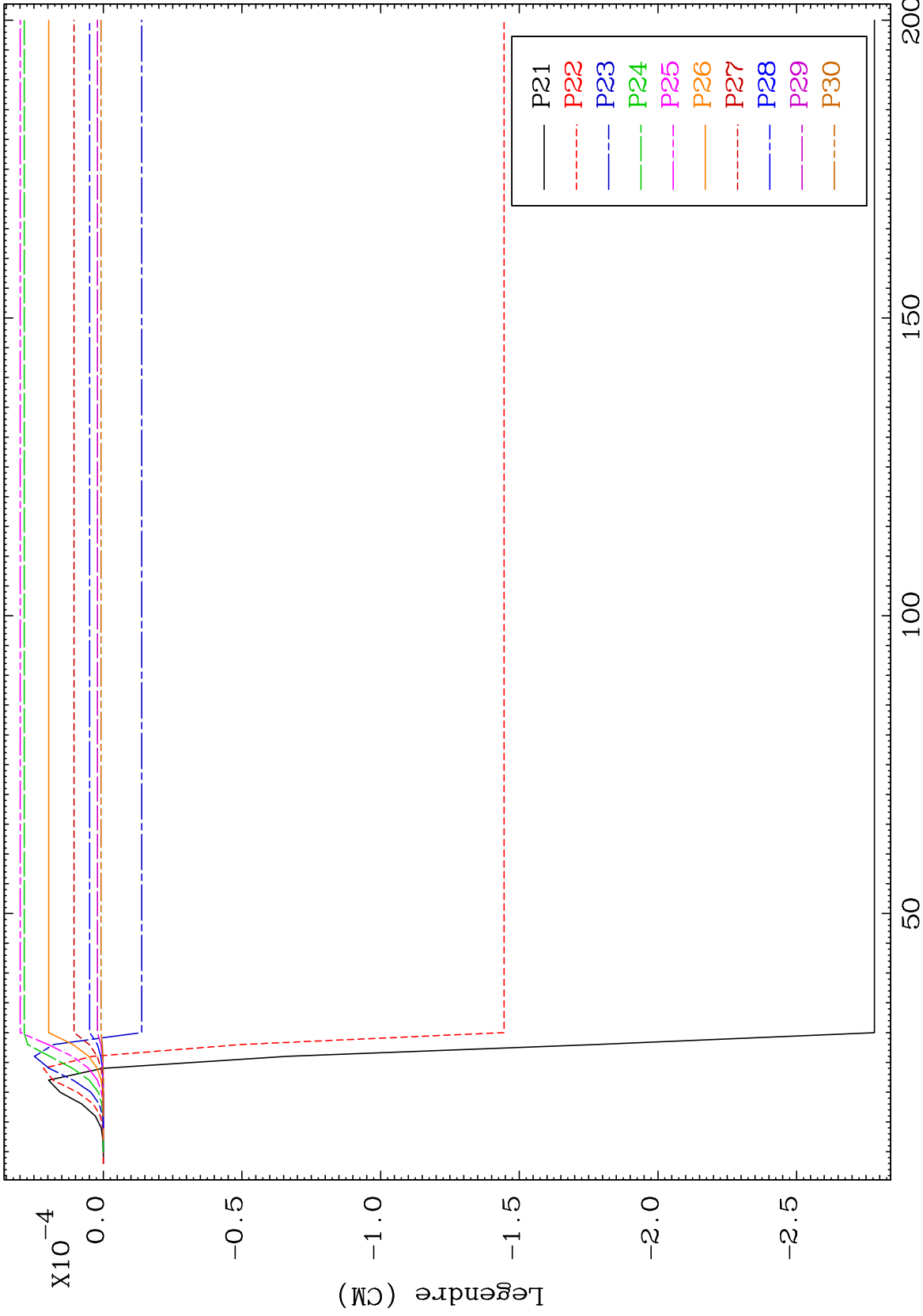
77-Ir-199



117

Incident Energy (MeV)

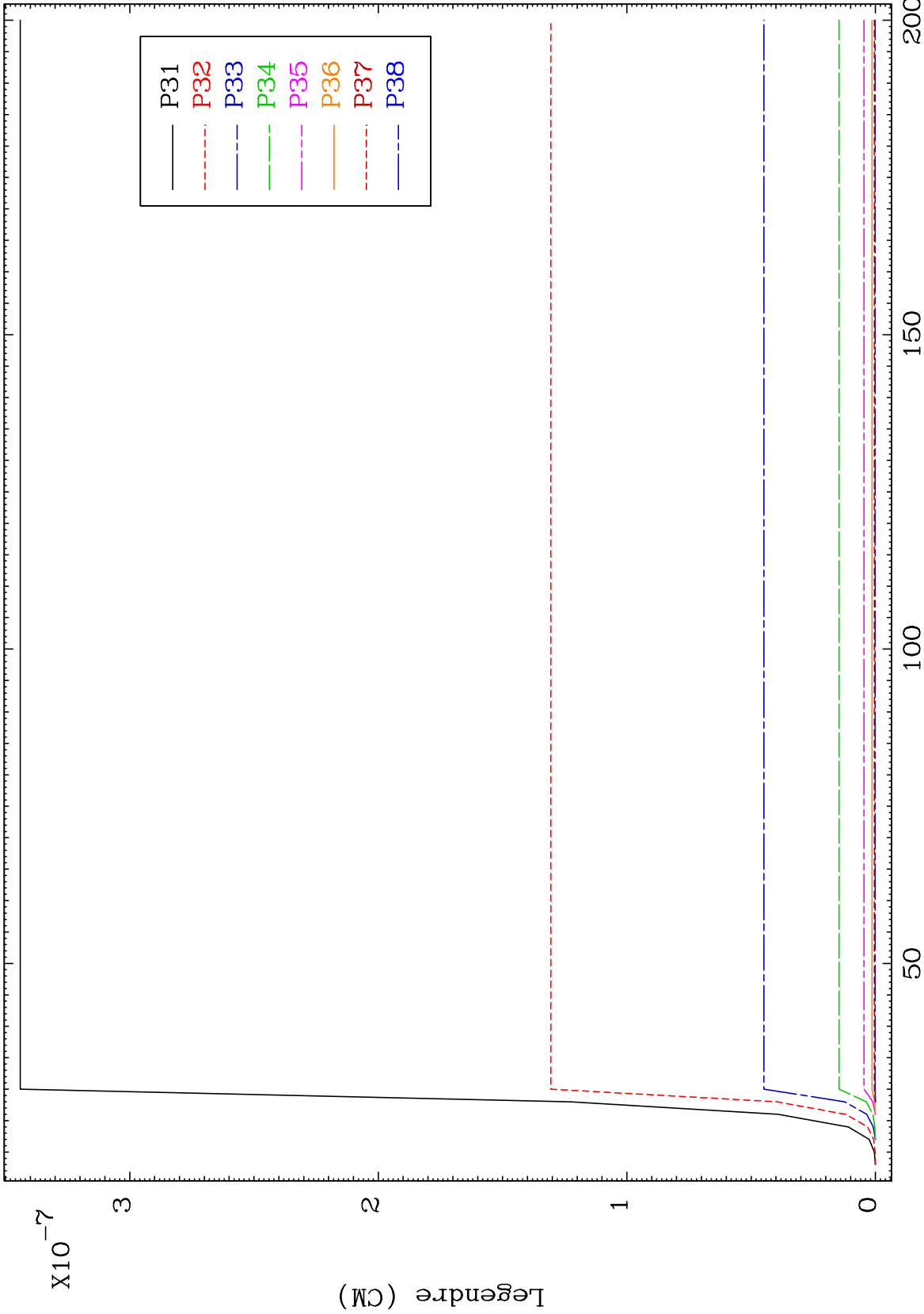
77-Ir-199



MAT 7749

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

77-Ir-199



119

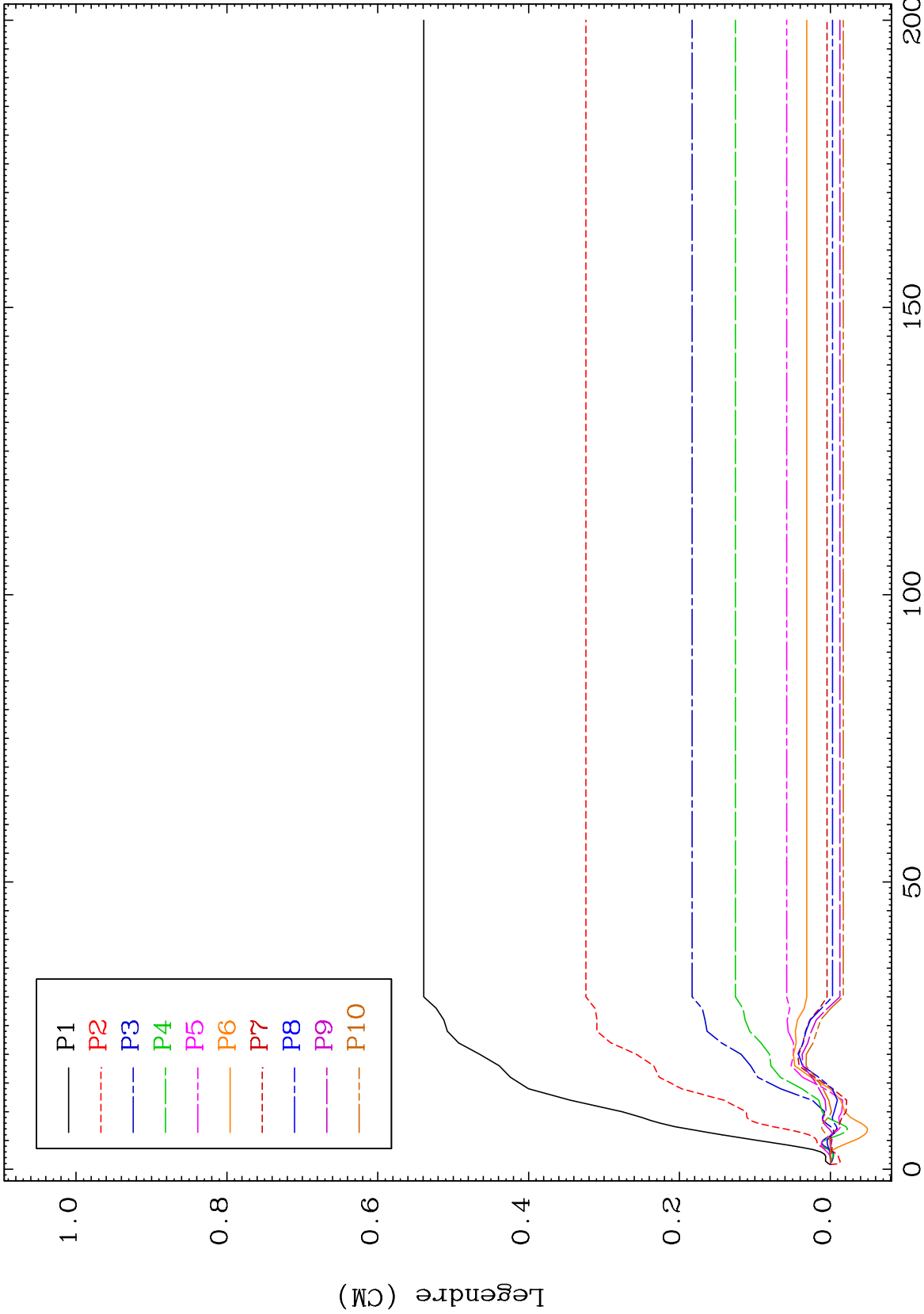
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

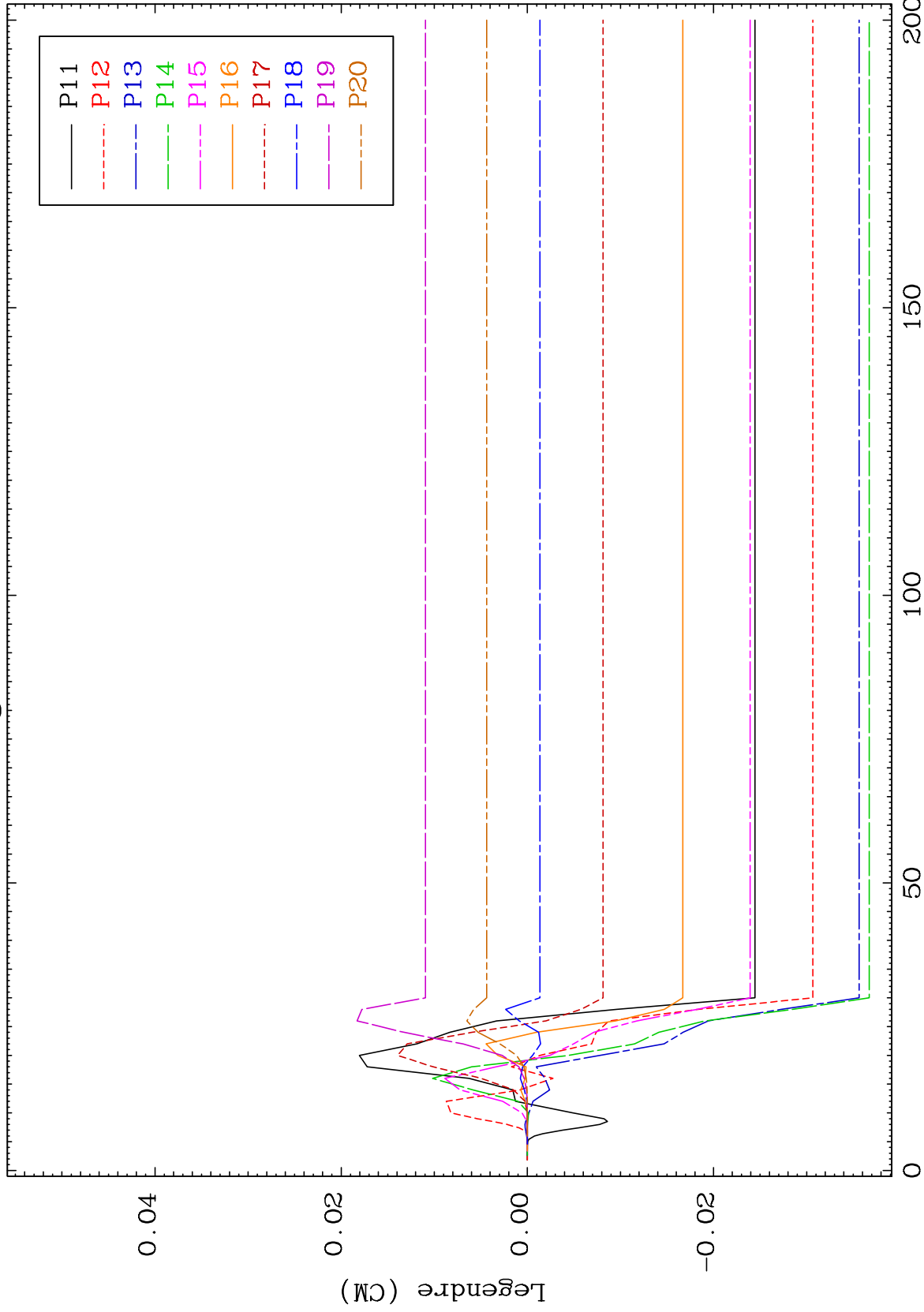
Incident Energy (MeV)

120

MAT 7749

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

77-Ir-199



121

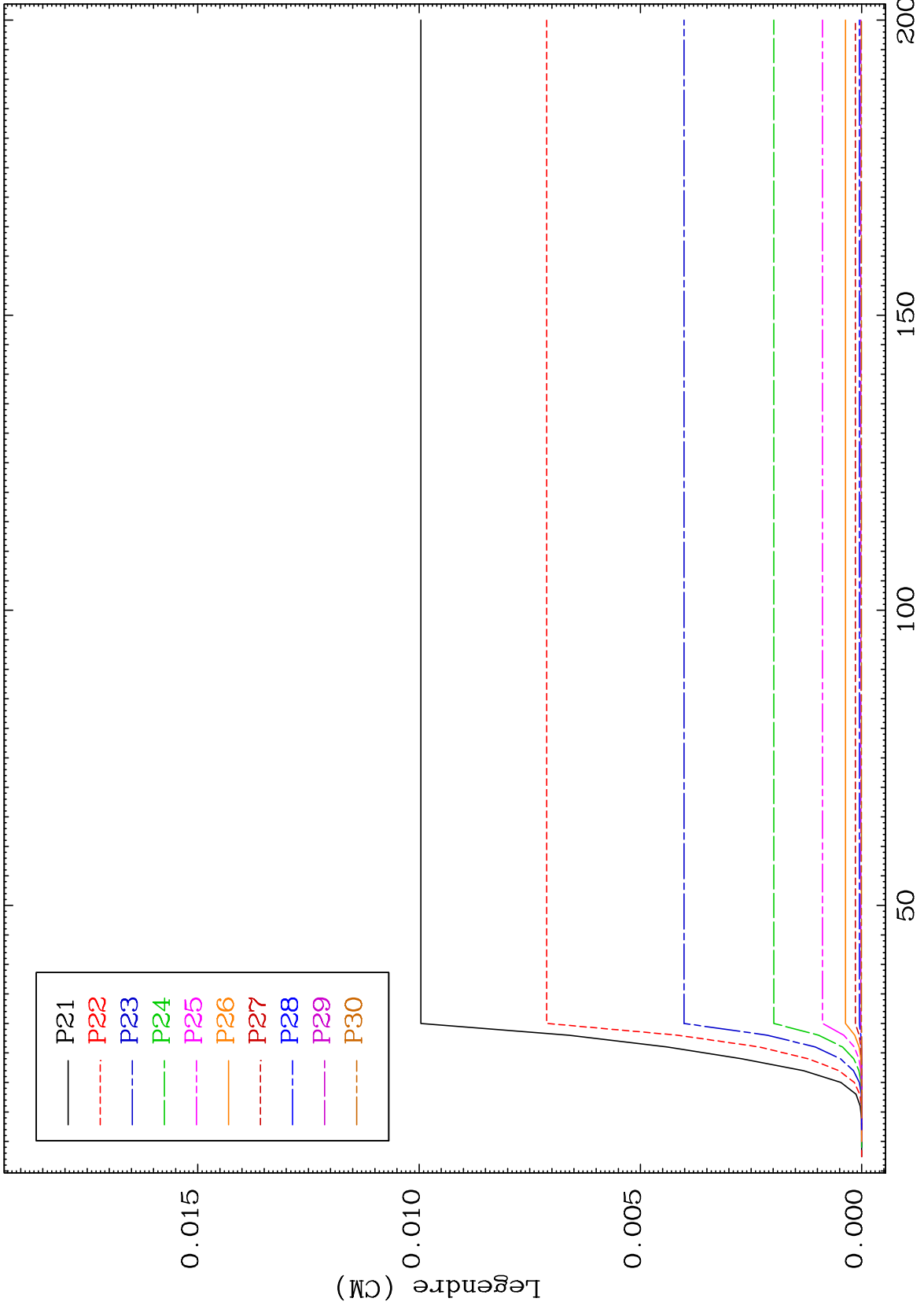
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199

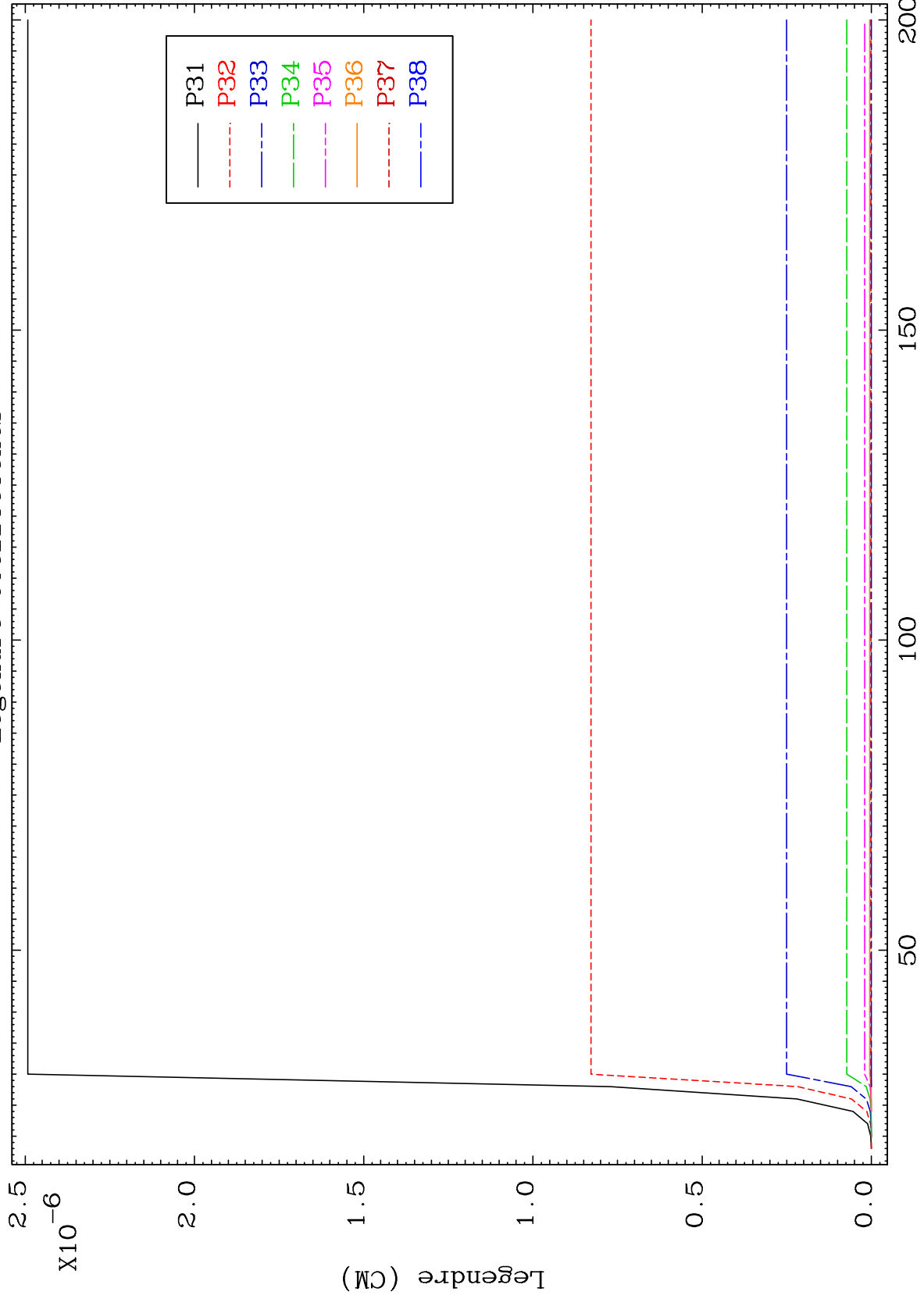


122

MAT 7749

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

77-Ir-199



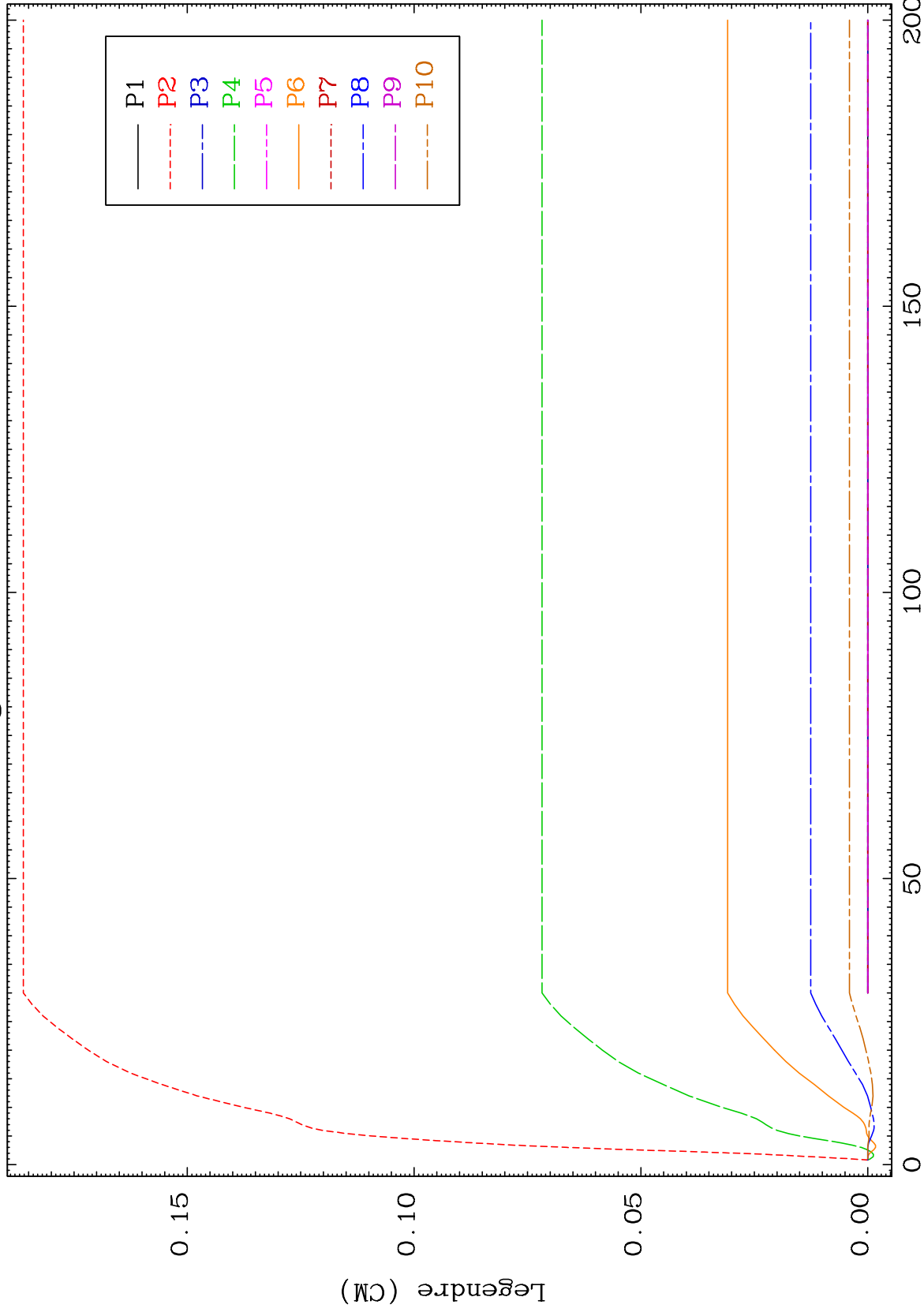
123

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

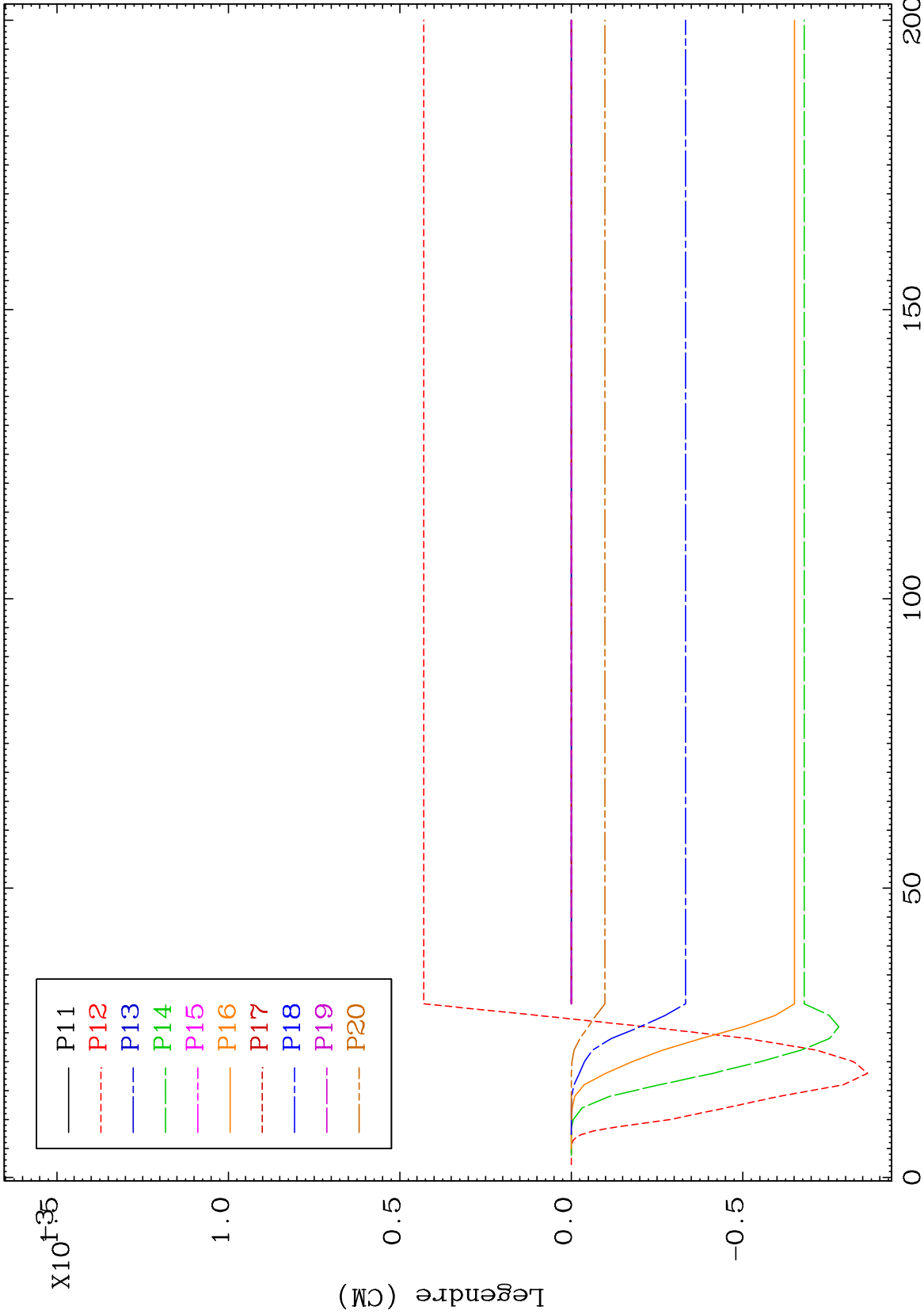
Incident Energy (MeV)

124

MAT 7749

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

77-Ir-199



125

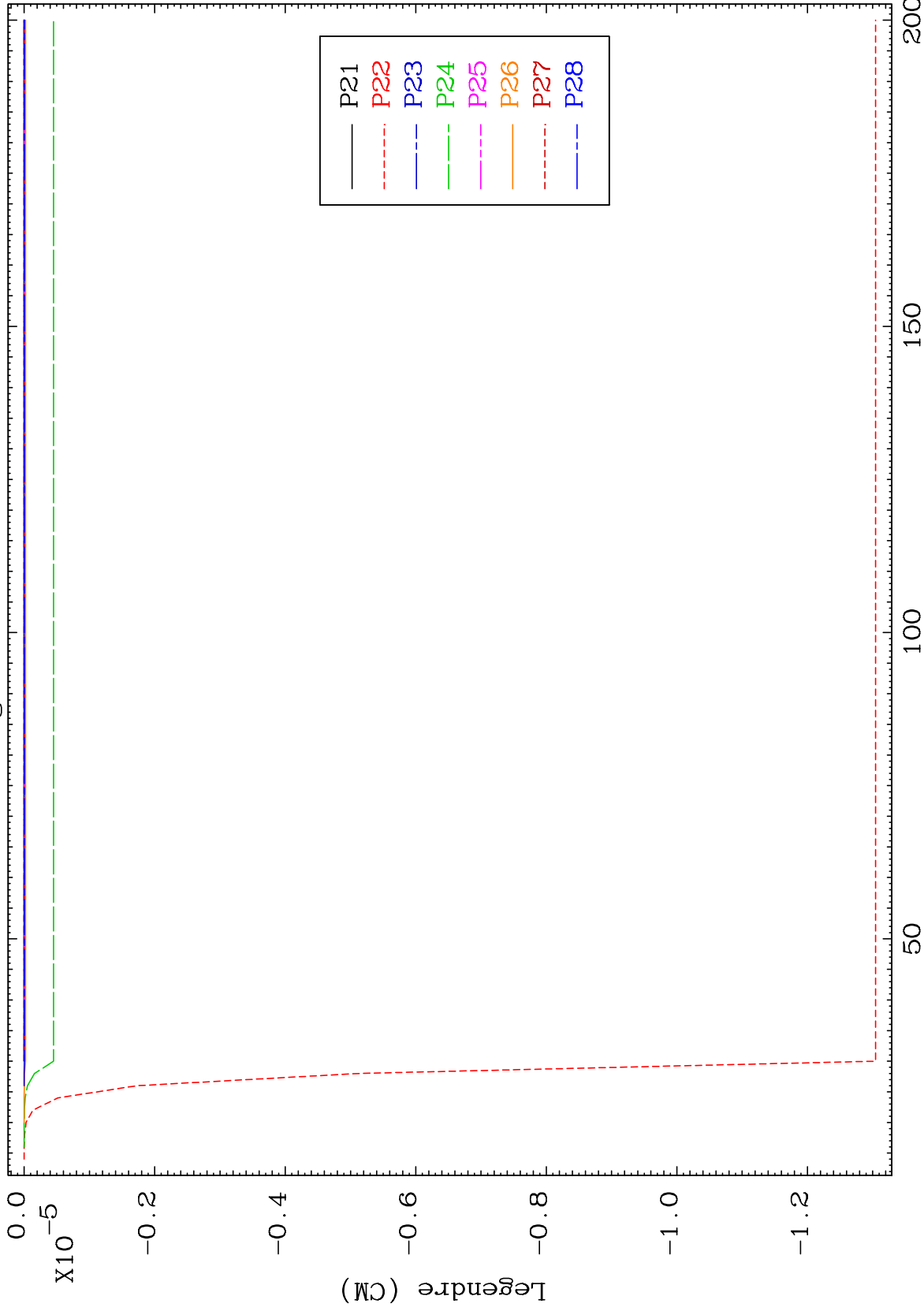
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



126

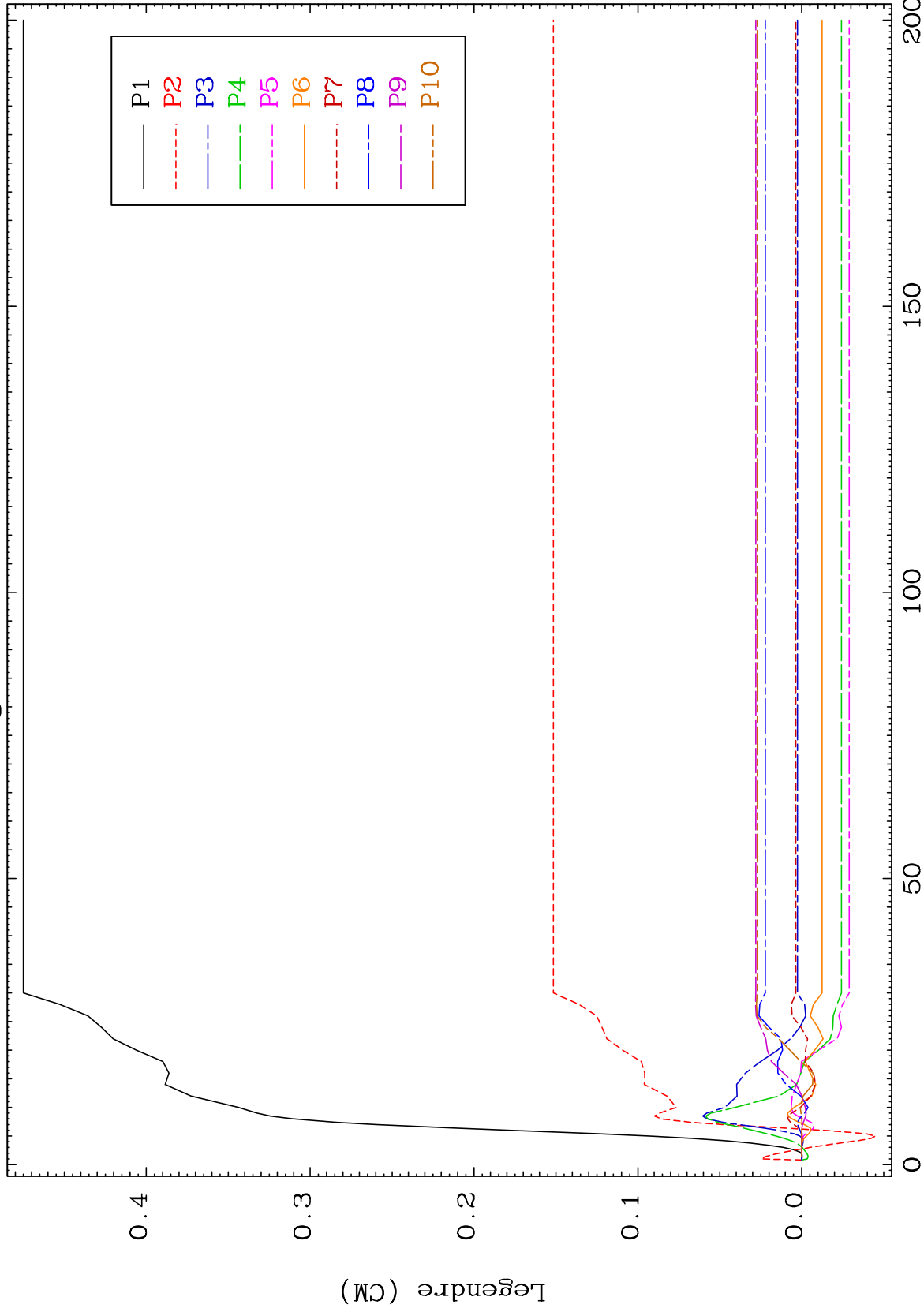
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

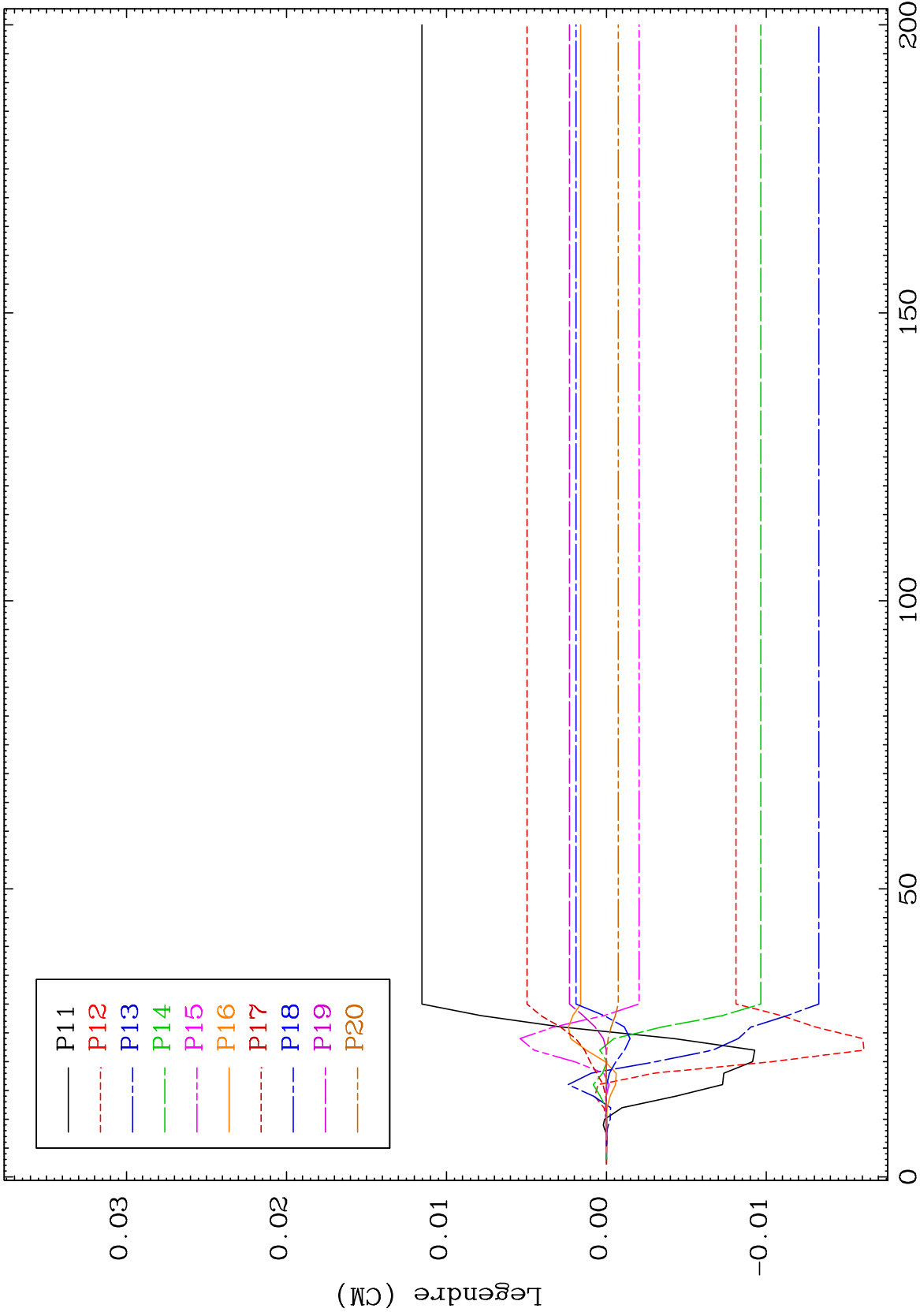
Incident Energy (MeV)

127

MAT 7749

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

77-Ir-199



128

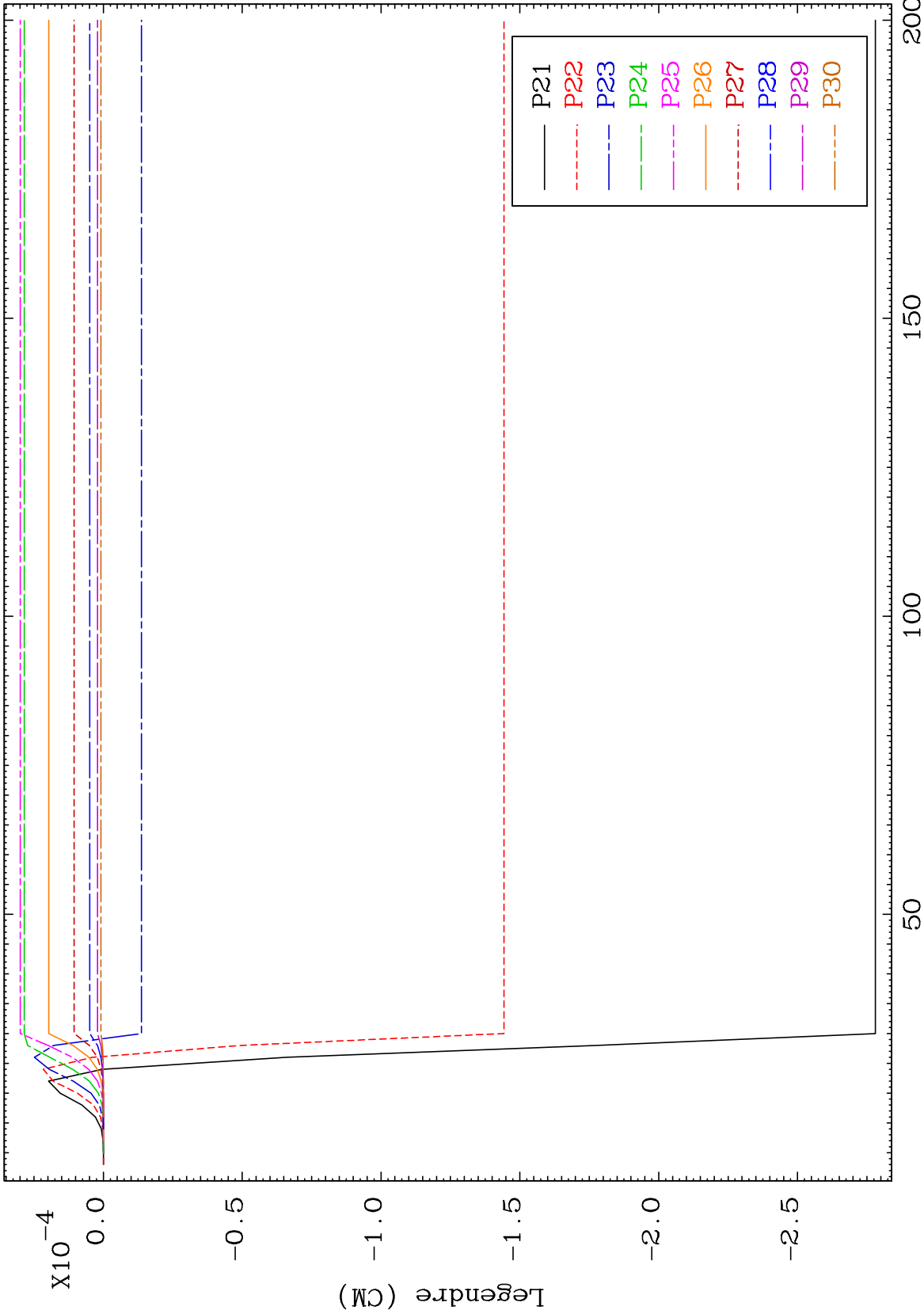
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



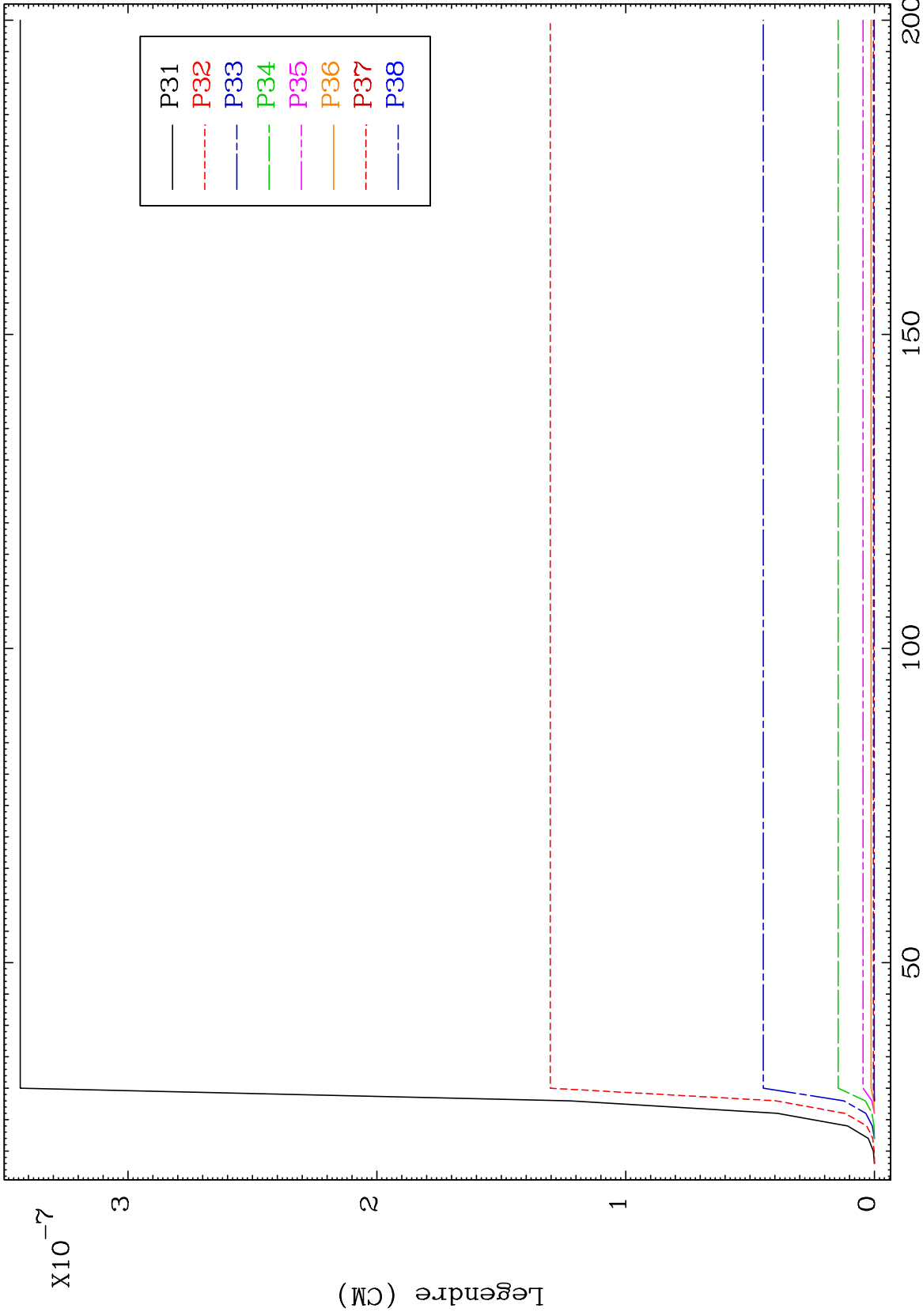
129

77-Ir-199

MAT 7749

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

77-Ir-199



130

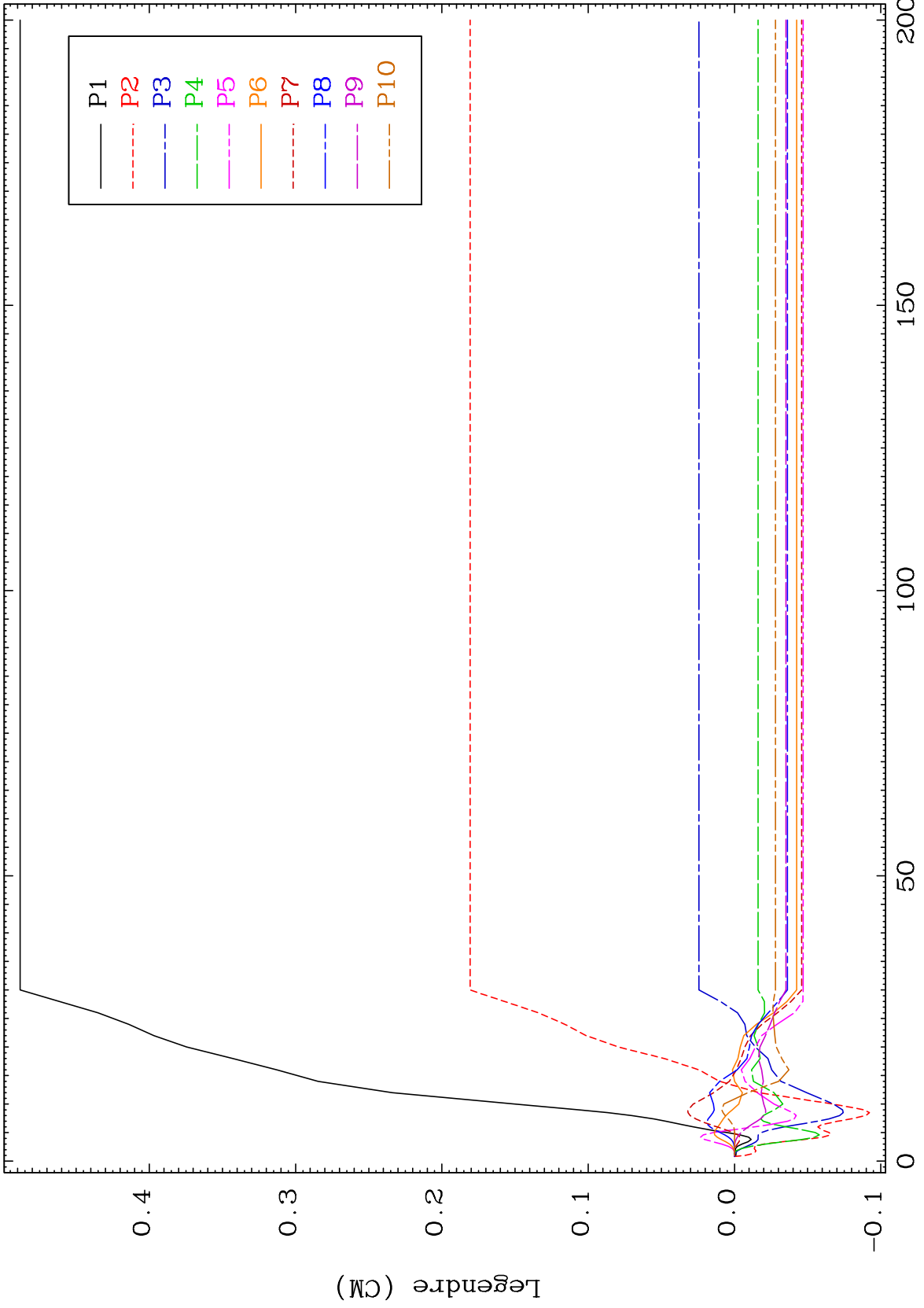
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



131

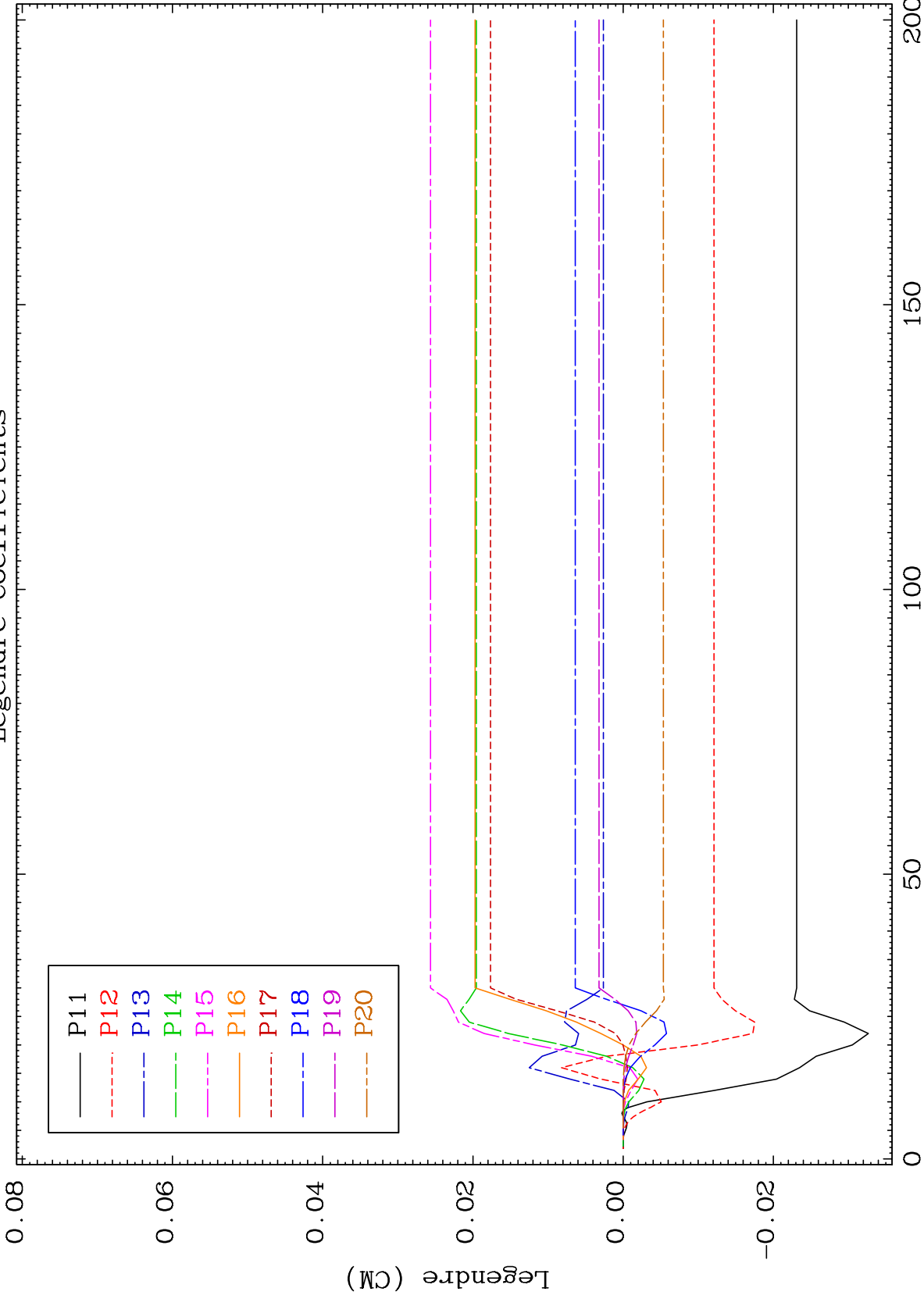
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



132

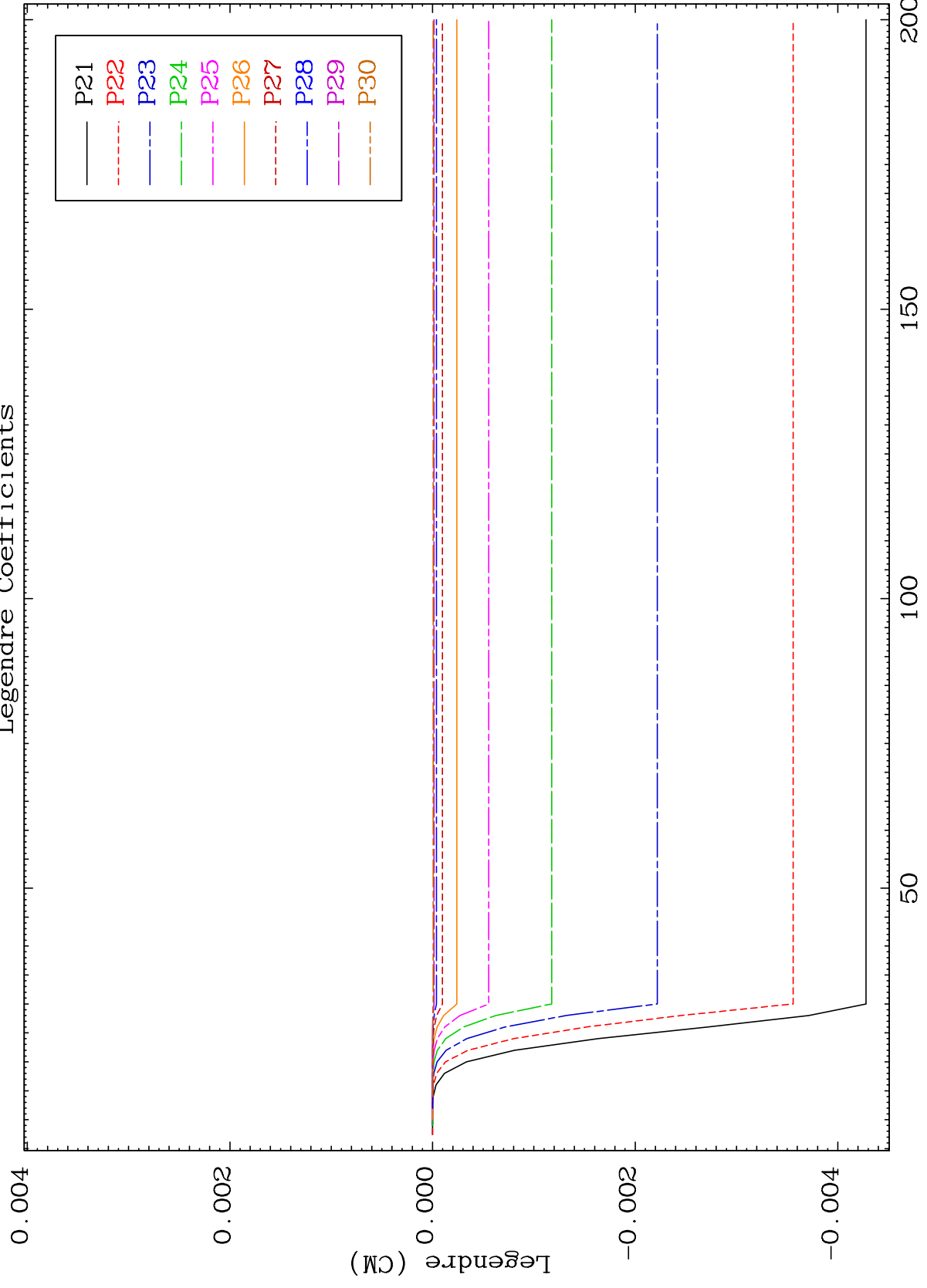
77-Ir-199

77-Ir-199

MAT 7749

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

77-Ir-199



133

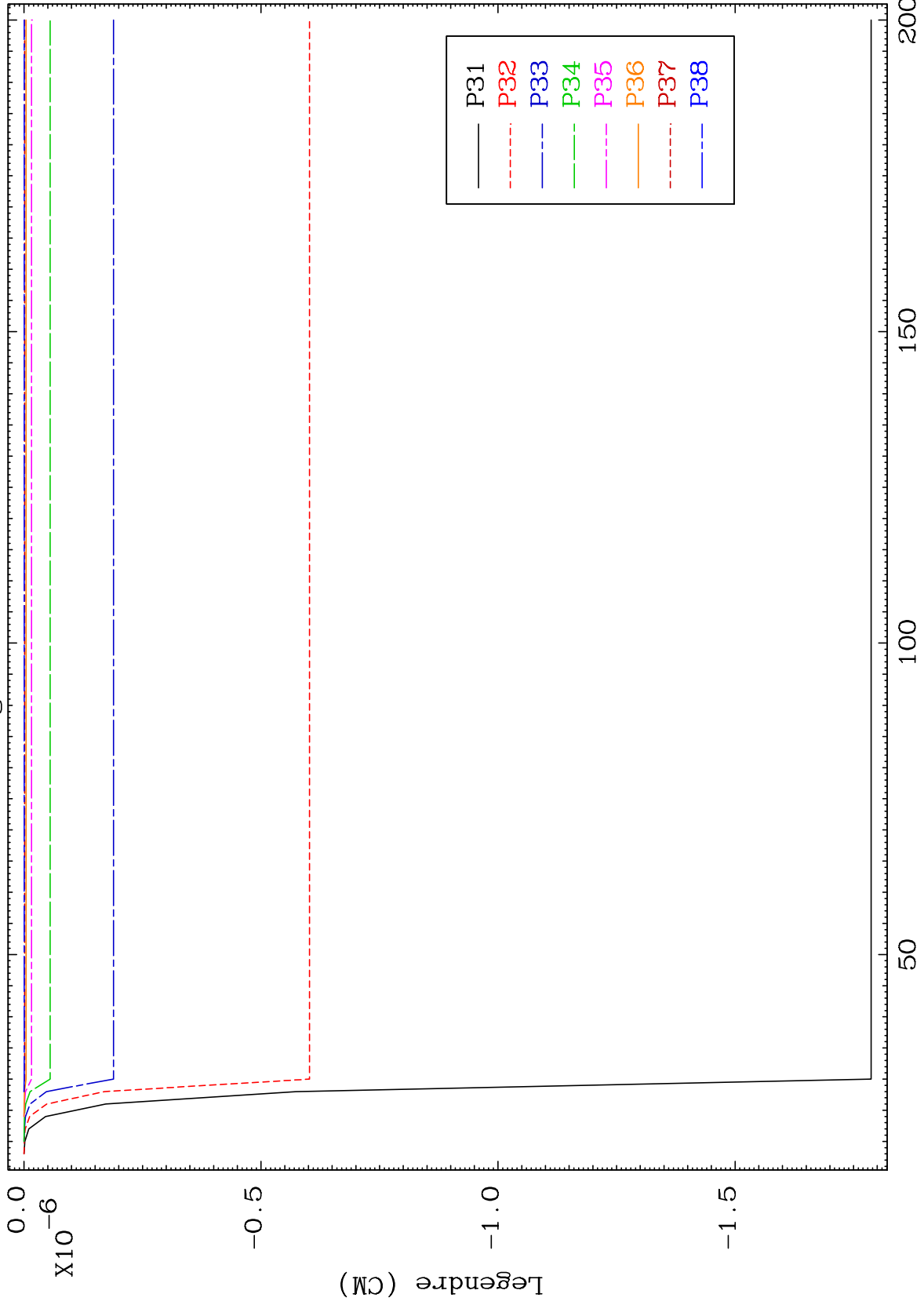
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199

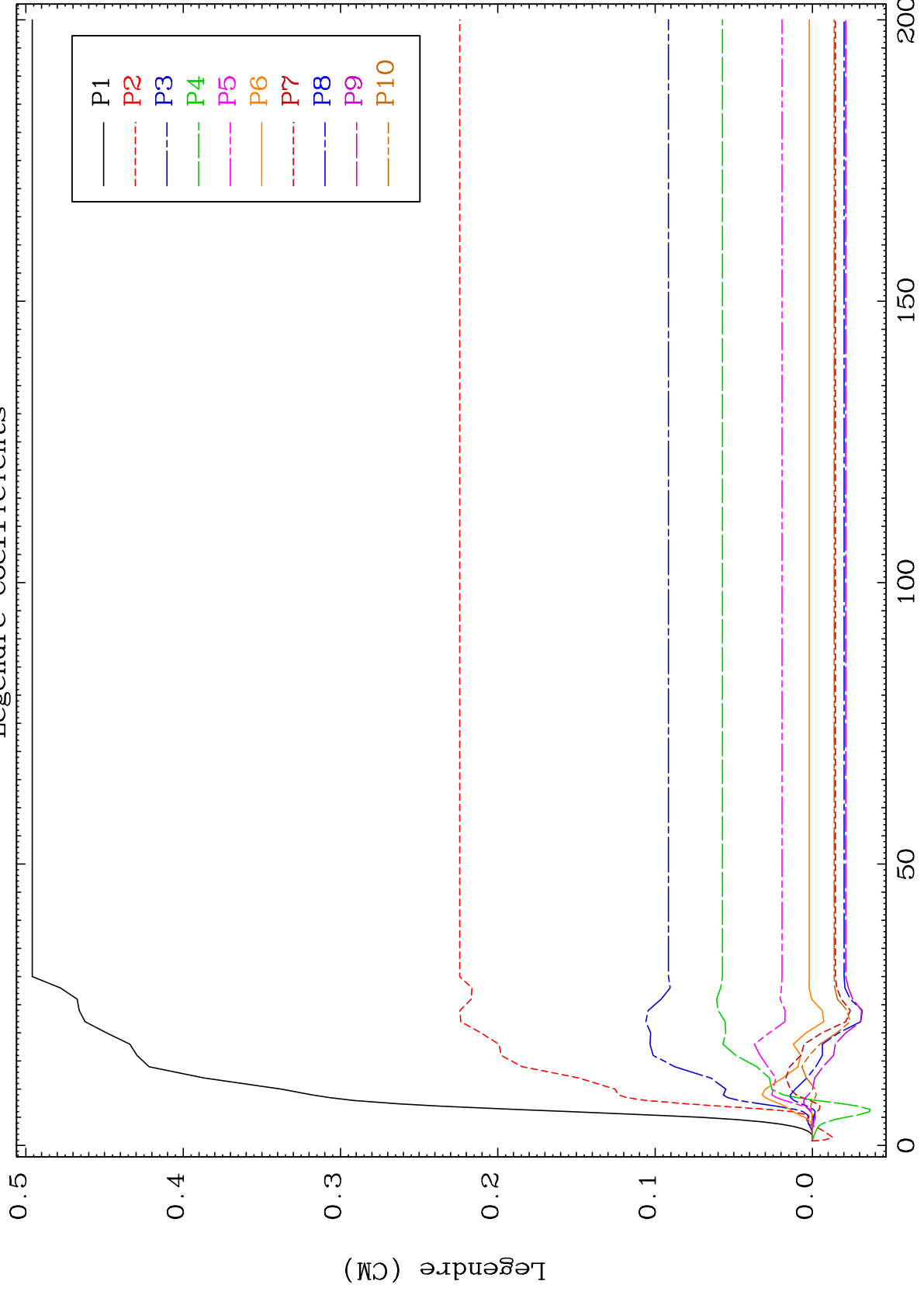


77-Ir-199

Incident Energy (MeV)

134

MAT 7749 MT= 80 (n,n') Level Legendre Coefficients 77-Ir-199

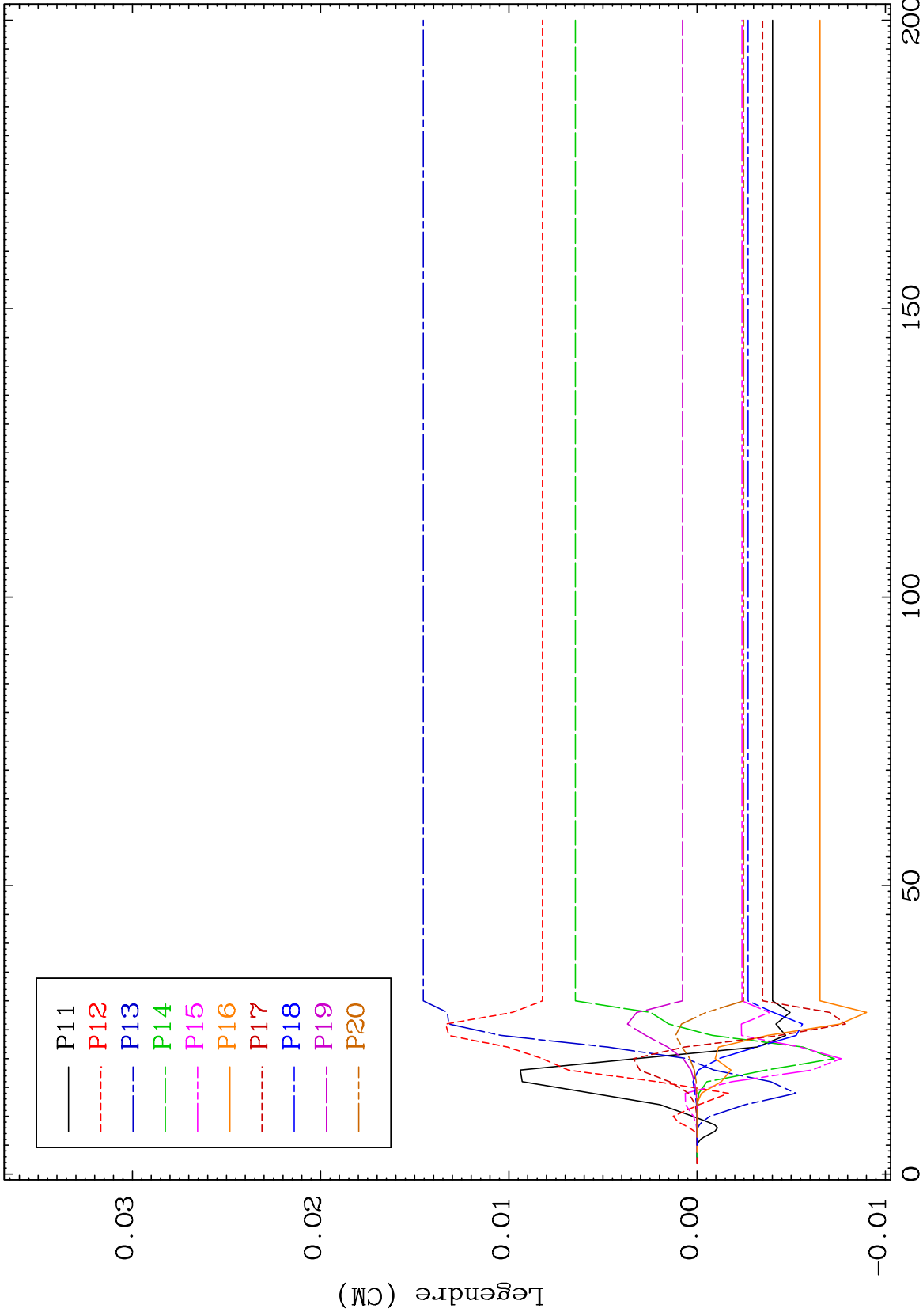


135 77-Ir-199

MAT 7749

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

77-Ir-199



136

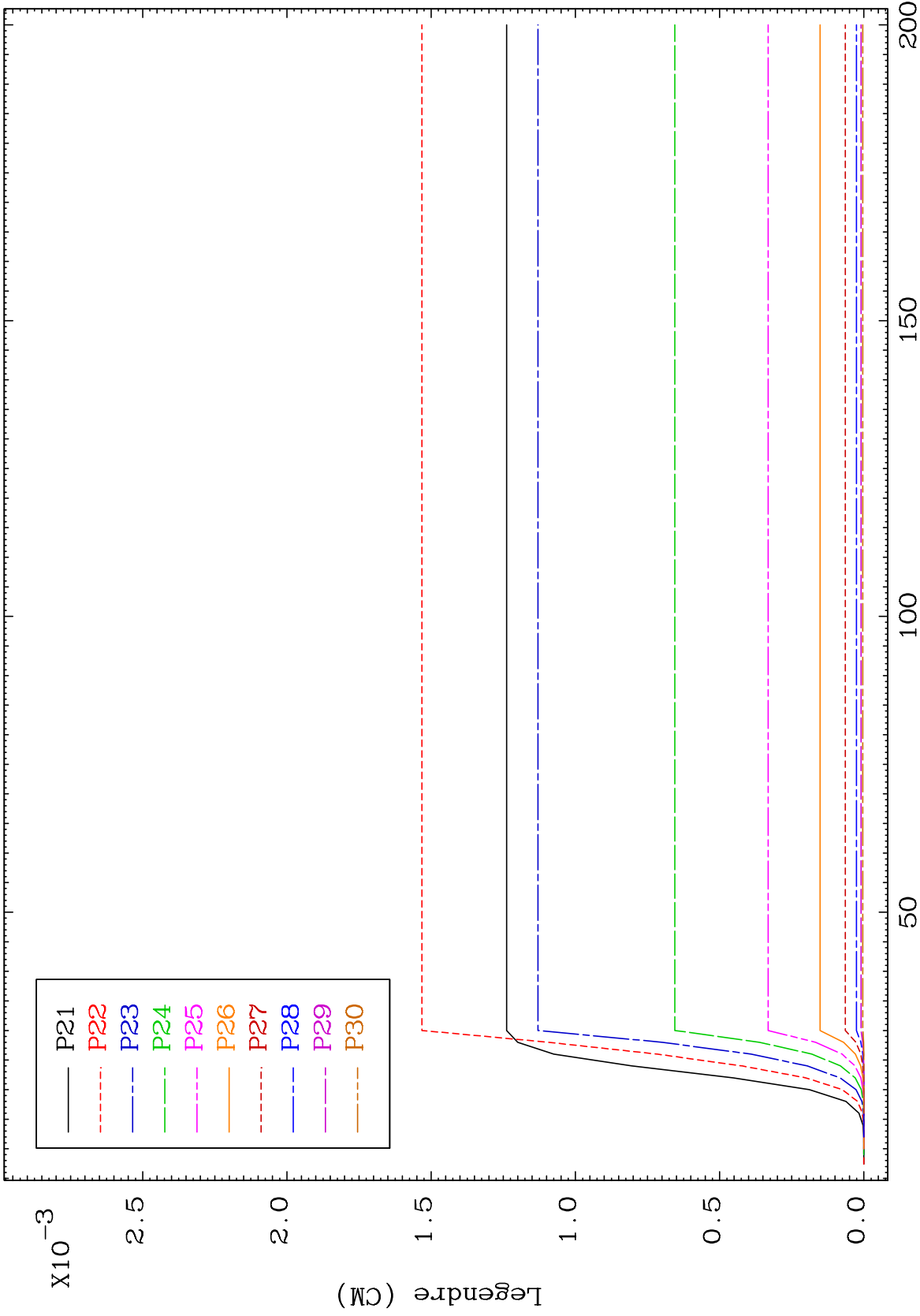
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



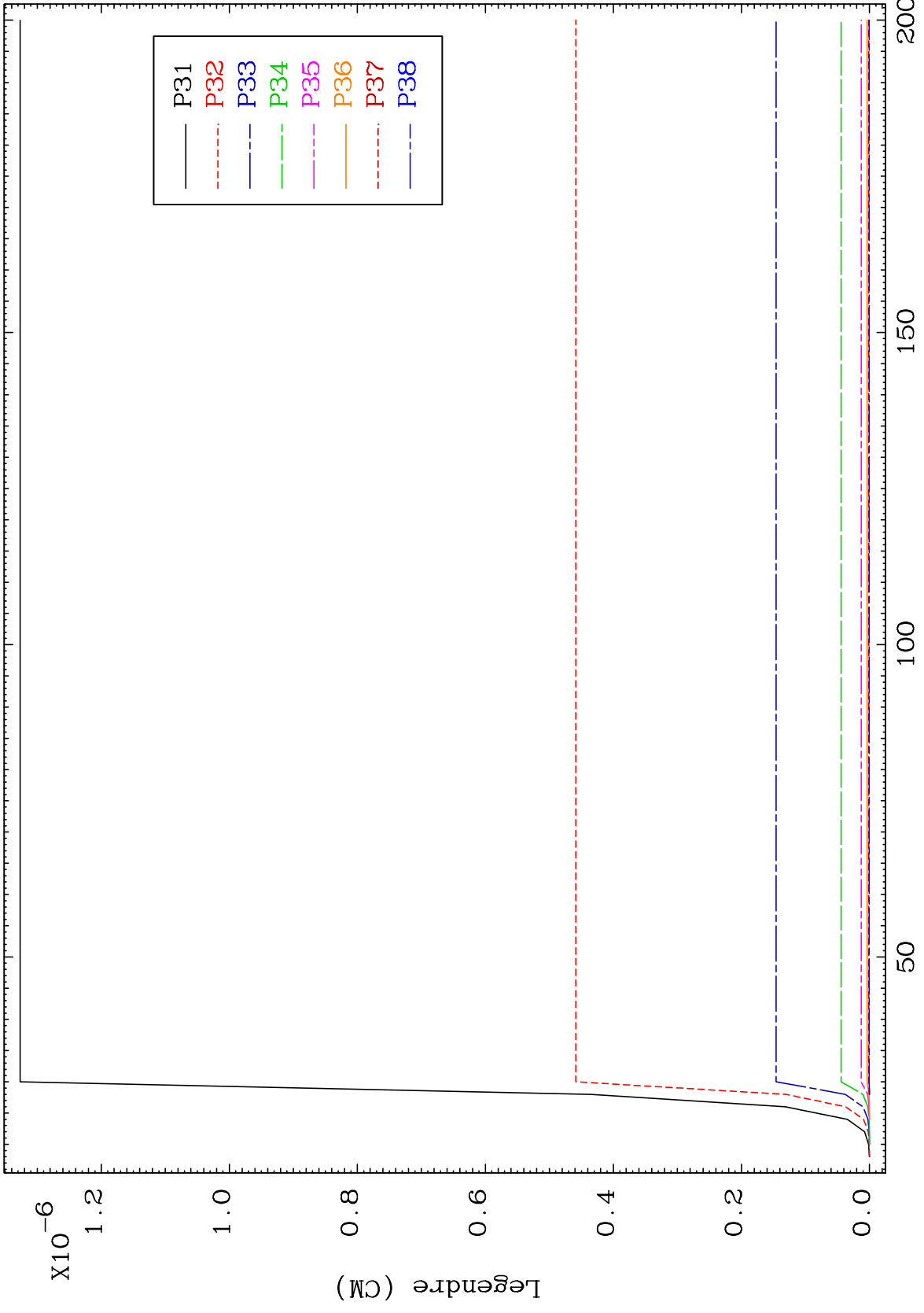
137

77-Ir-199

MAT 7749

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

77-Ir-199



138

Incident Energy (MeV)

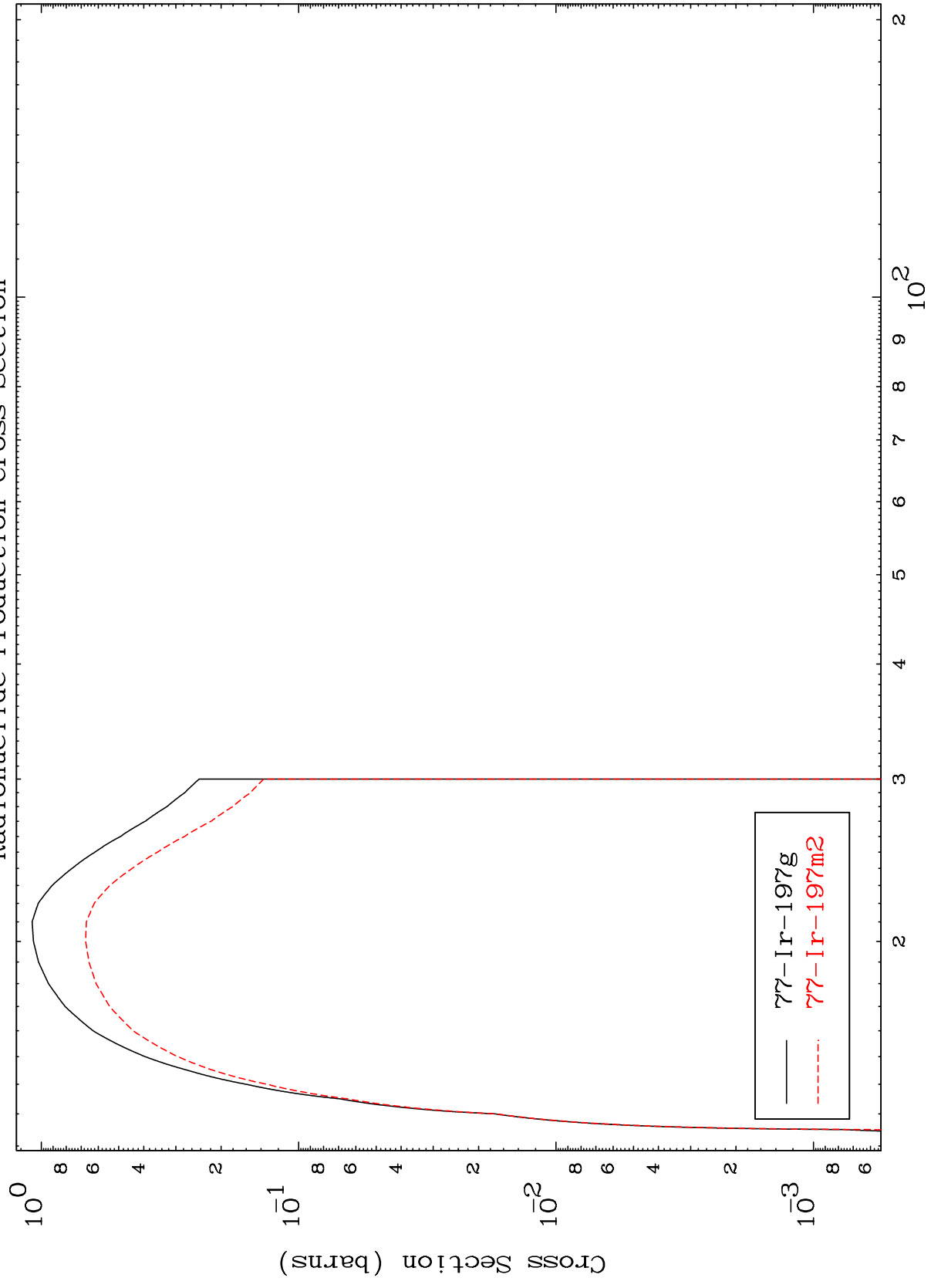
77-Ir-199

MAT 7749

(n,3n)

77-Ir-199

Radionuclide Production Cross Section



139

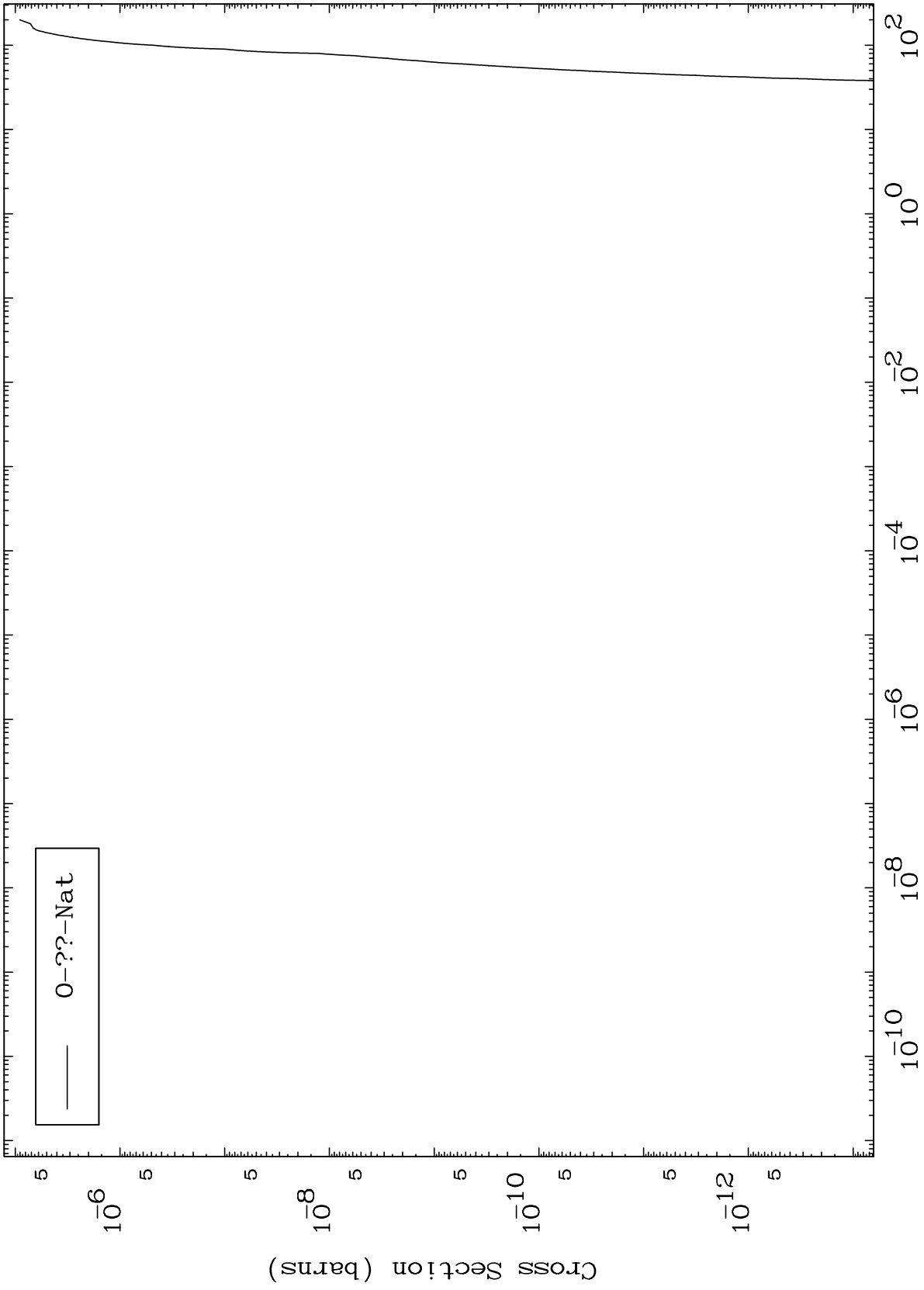
Incident Energy (MeV)

77-Ir-199

MAT 7749

Fission
Radionuclide Production Cross Section

77-Ir-199



140

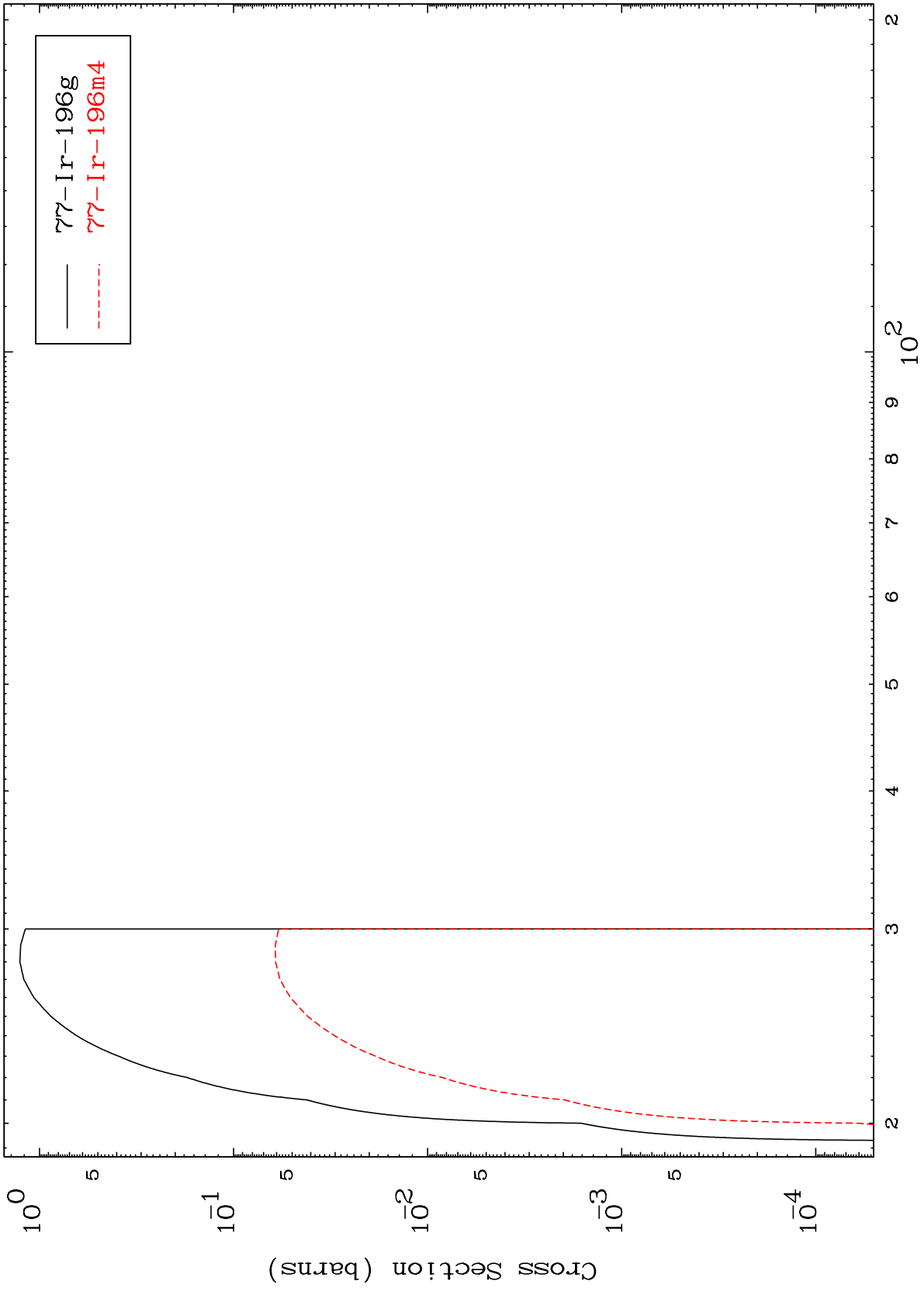
77-Ir-199

MAT 7749

(n,4n)

77-Ir-199

Radionuclide Production Cross Section



141

Incident Energy (MeV)

77-Ir-199