

Program EVALPLOT
(Version 2018-1)

by

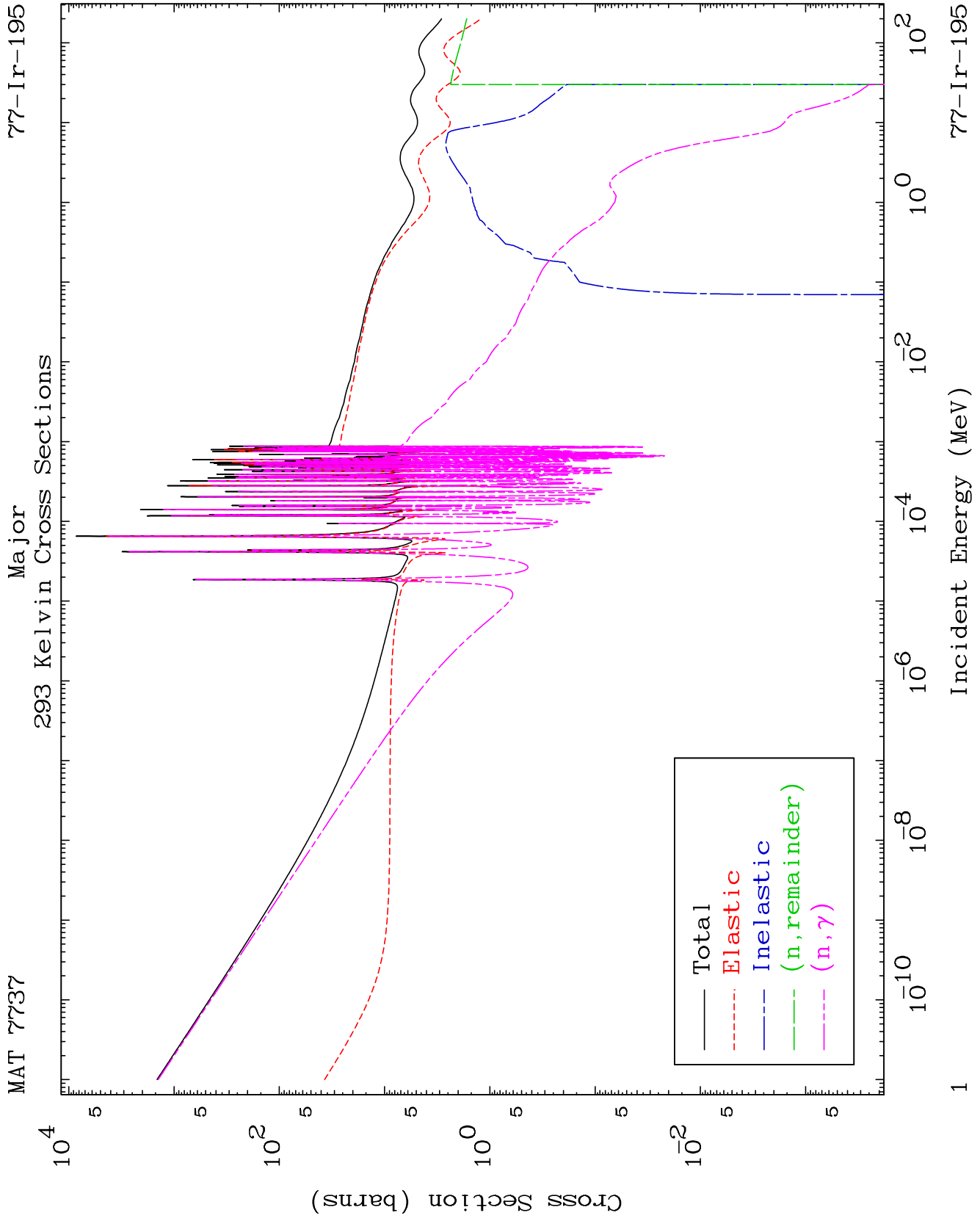
Dermott E. Cullen
(Present Contact Information)

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

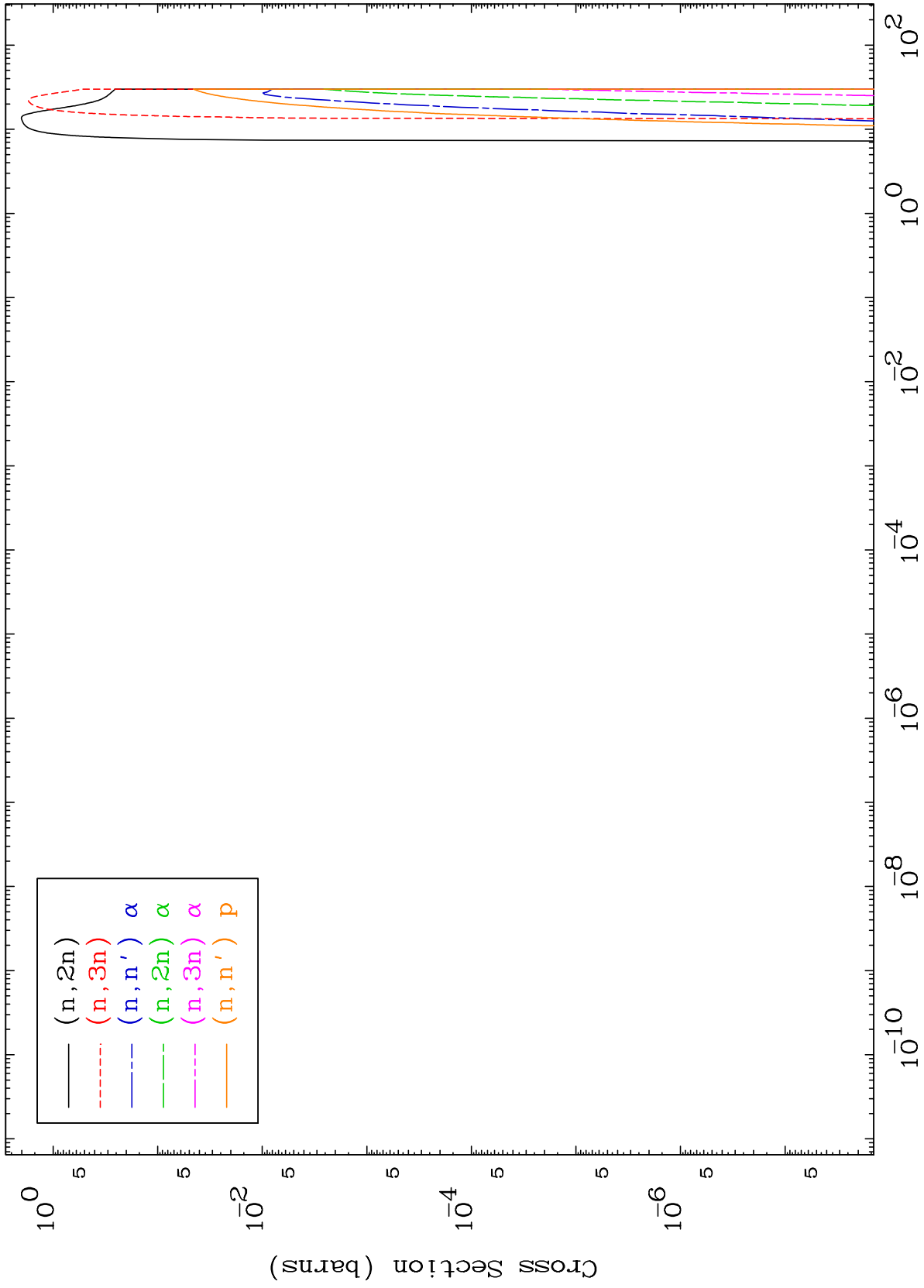
Press Mouse Button to Start



MAT 7737

Neutron Production
293 Kelvin Cross Sections

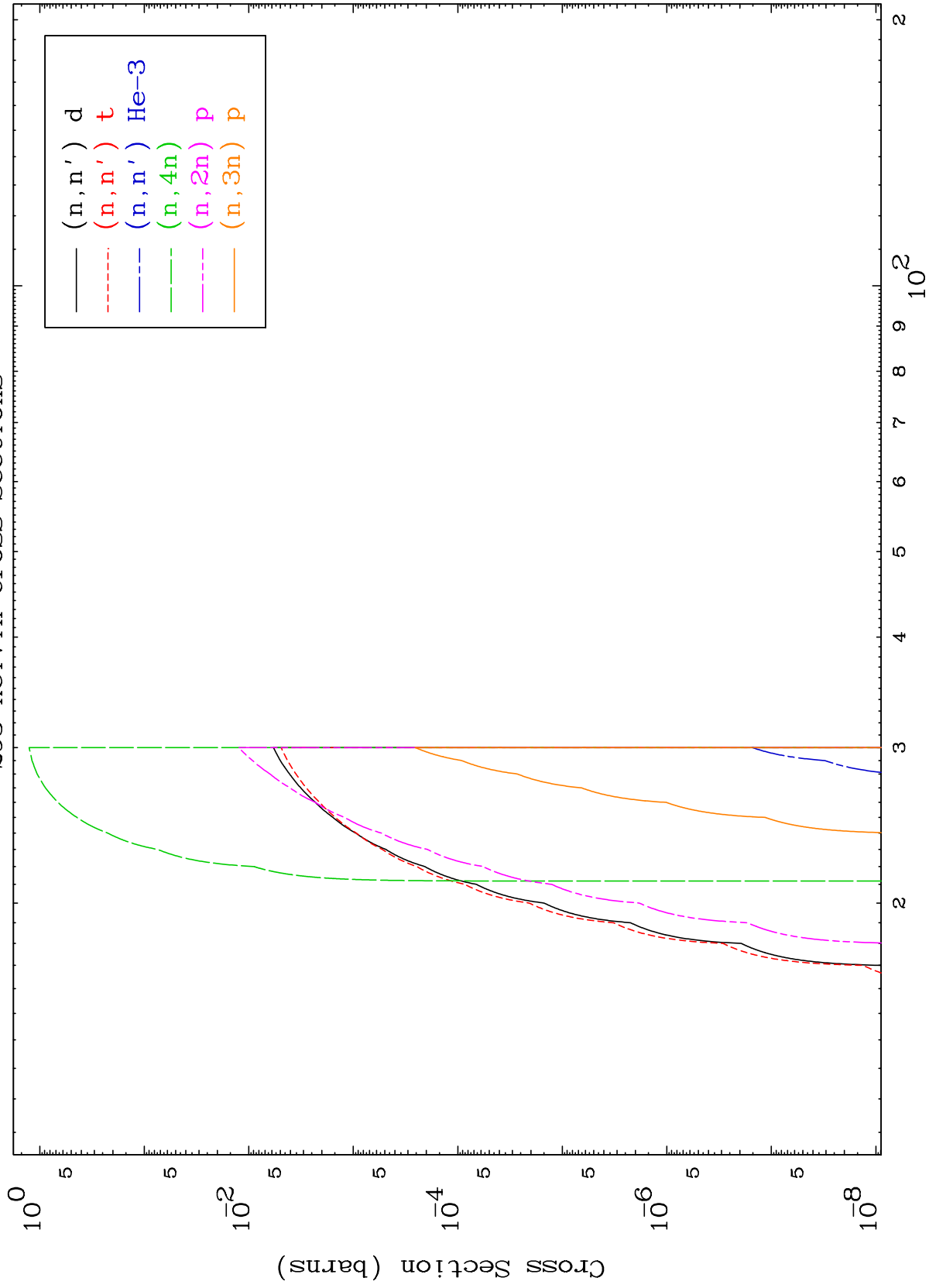
77-Ir-195



2

Incident Energy (MeV)

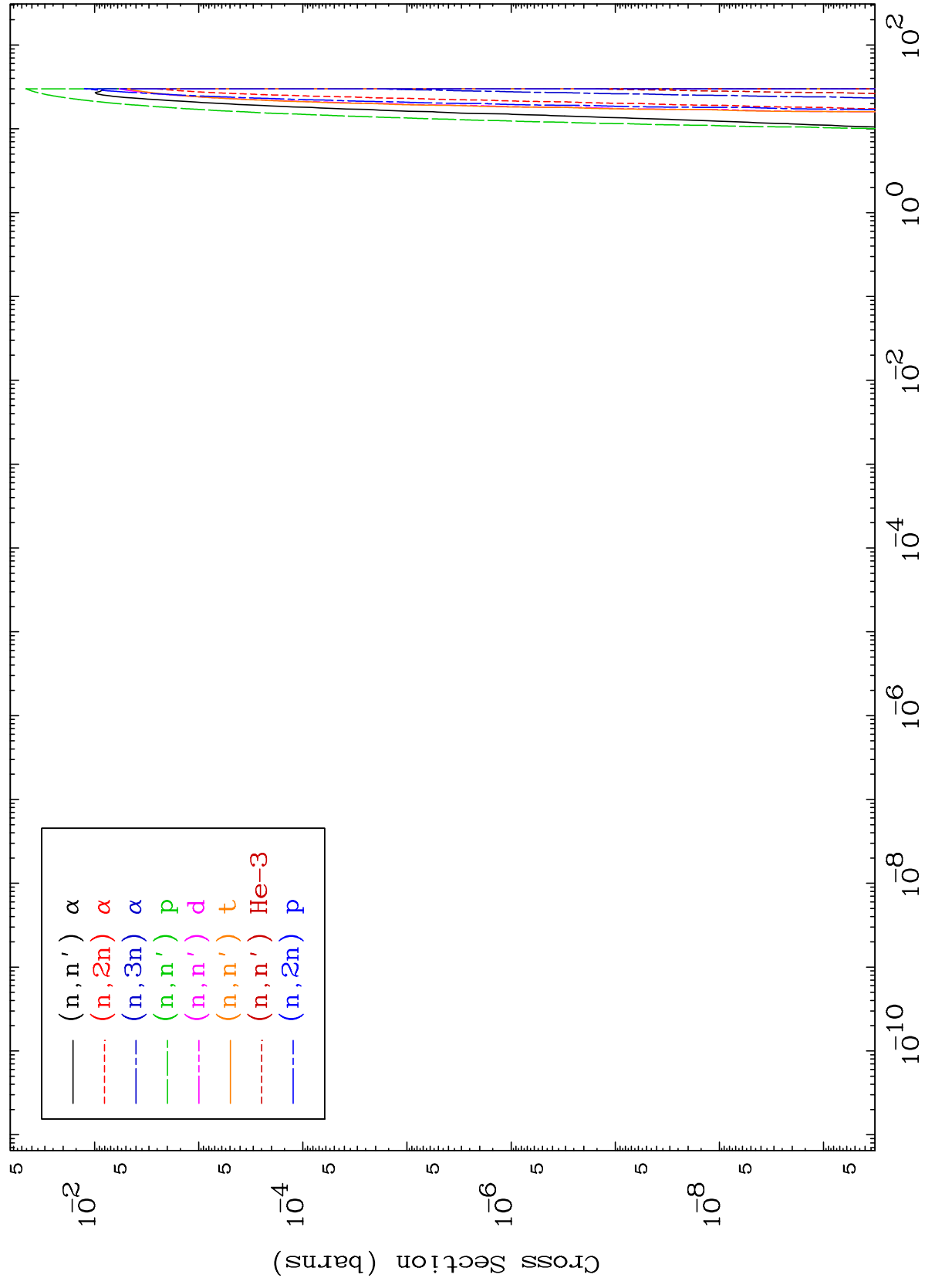
77-Ir-195



MAT 7737

293 Charged Particle
Kelvin Cross Sections

77-Ir-195

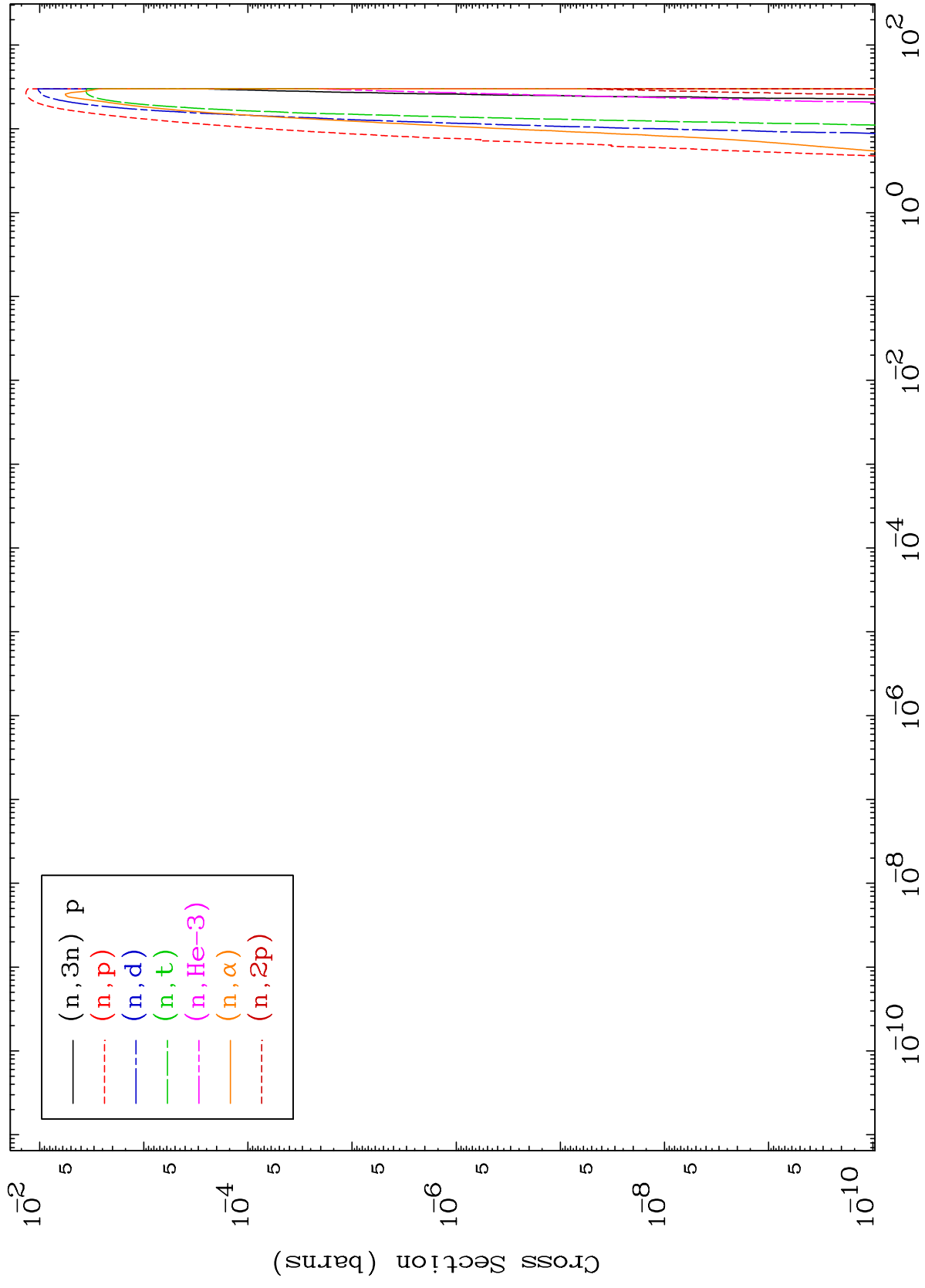


77-Ir-195

MAT 7737

Charged Particle
293 Kelvin Cross Sections

77-Ir-195



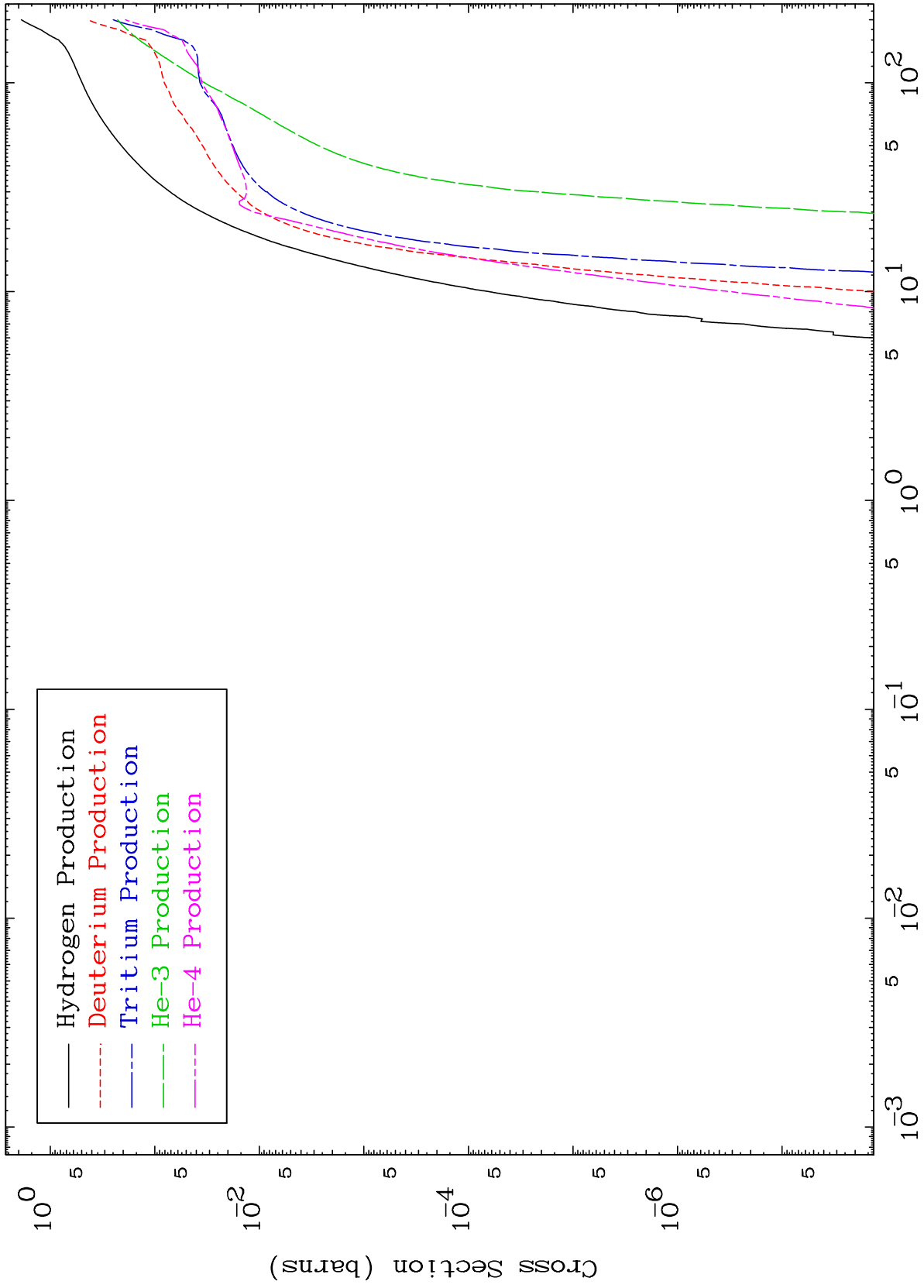
5

77-Ir-195

MAT 7737

Particle Production
293 Kelvin Cross Sections

77-Ir-195



77-Ir-195

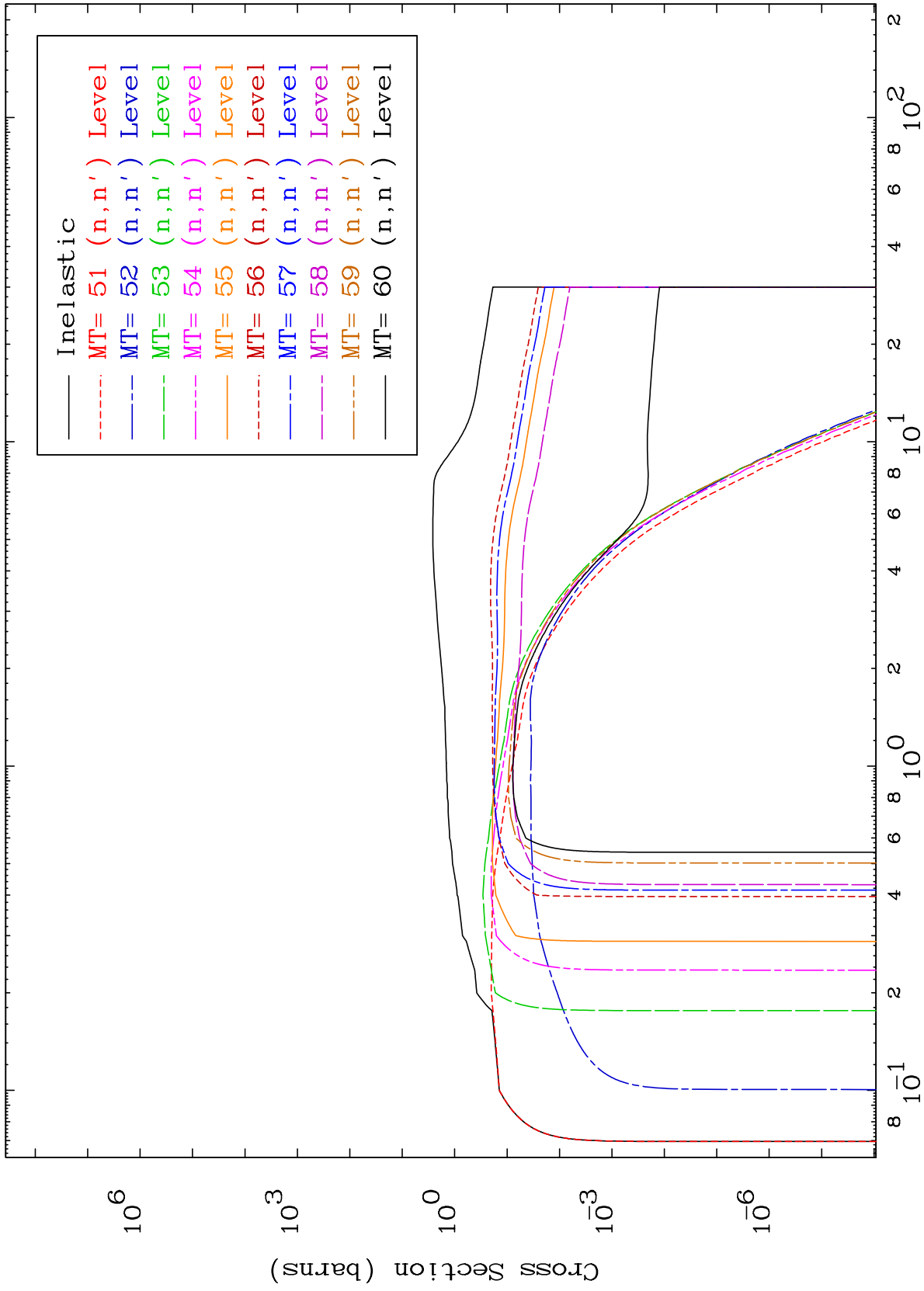
Incident Energy (MeV)

6

MAT 7737

(n,n') Level
293 Kelvin Cross Sections

77-Ir-195



7

Incident Energy (MeV)

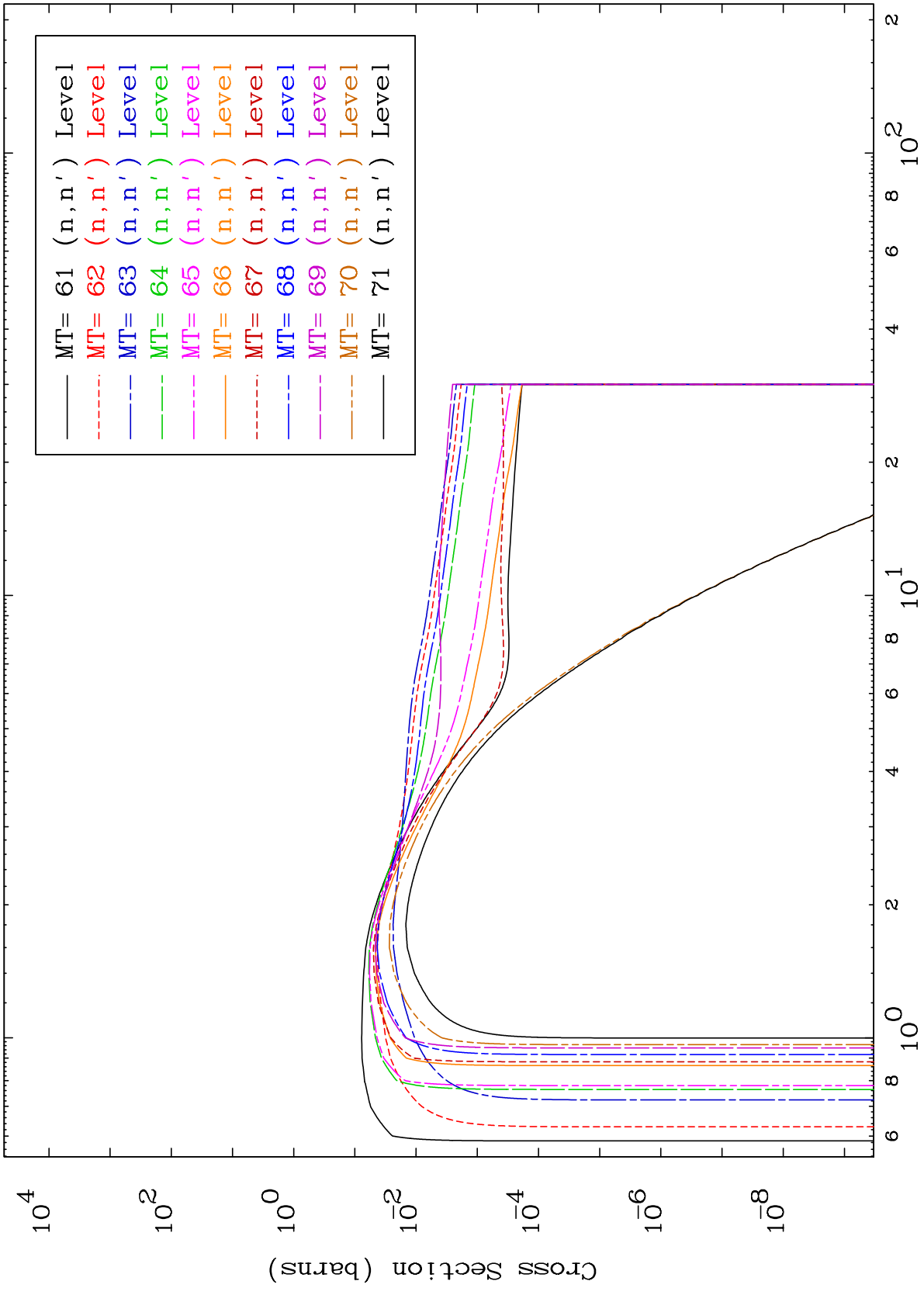
77-Ir-195

MAT 7737

(n,n') Level

77-Ir-195

293 Kelvin Cross Sections



8

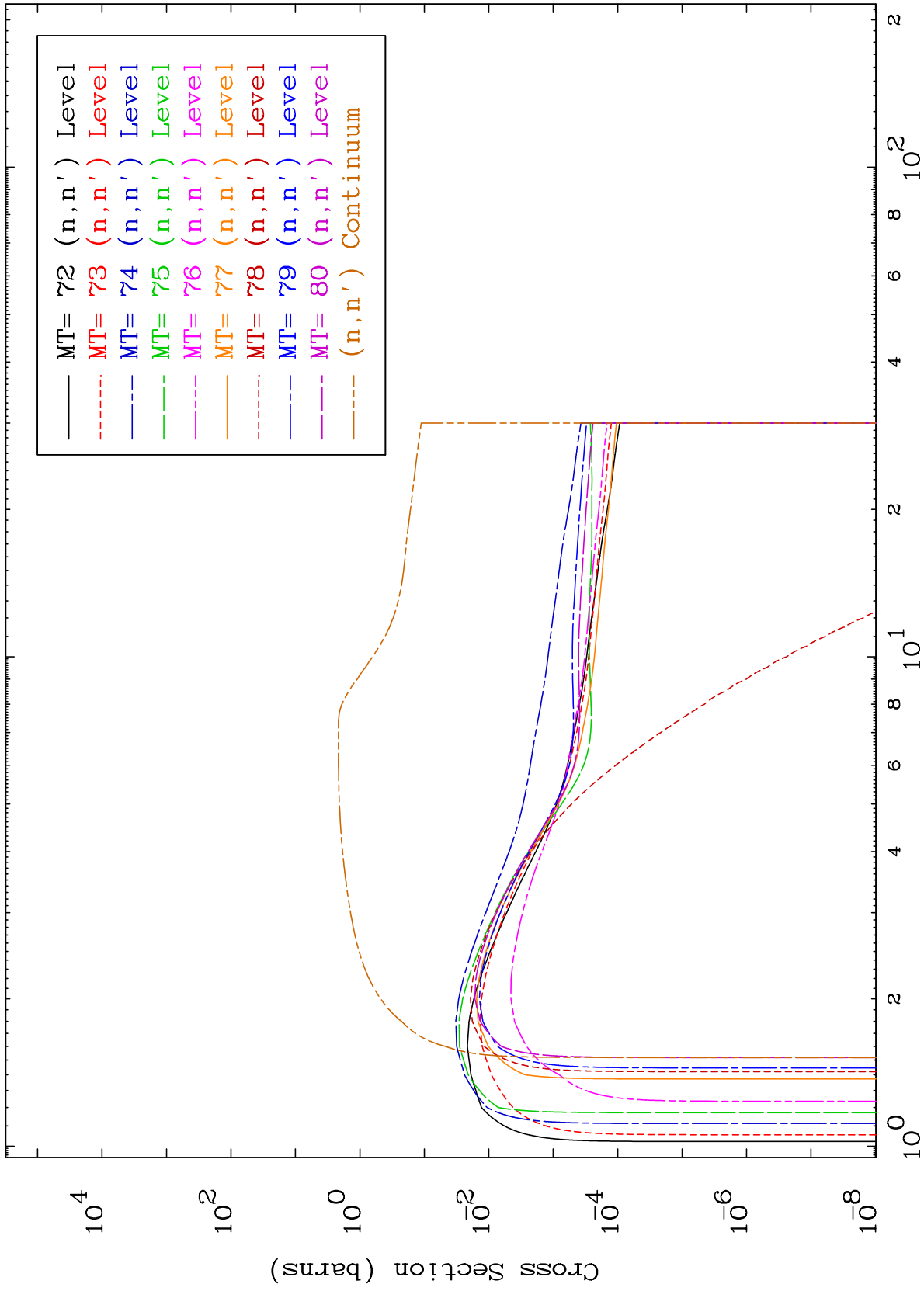
Incident Energy (MeV)

77-Ir-195

MAT 7737

(n,n') Level
293 Kelvin Cross Sections

77-Ir-195



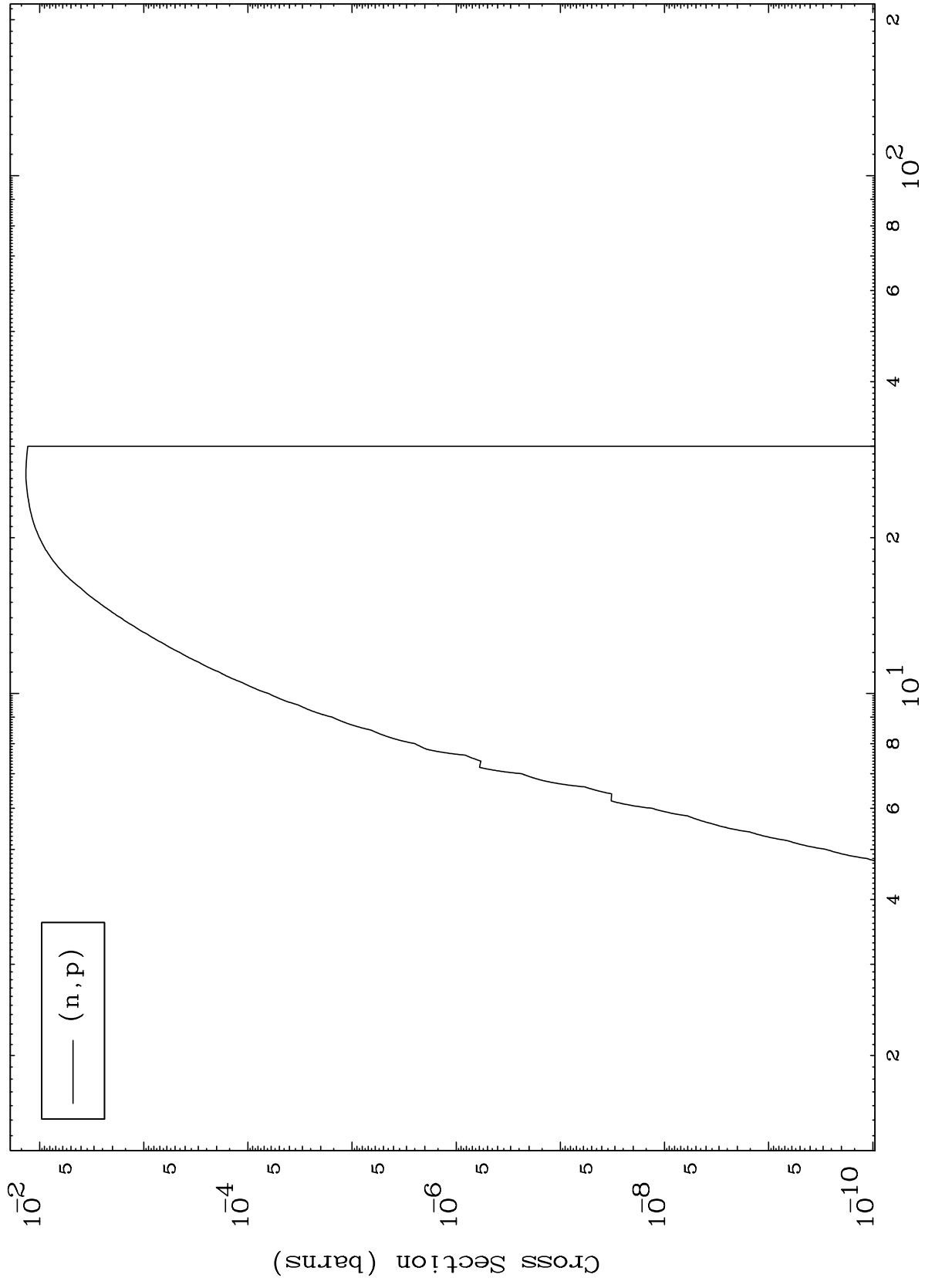
Incident Energy (MeV)

77-Ir-195

MAT 7737

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-195



10

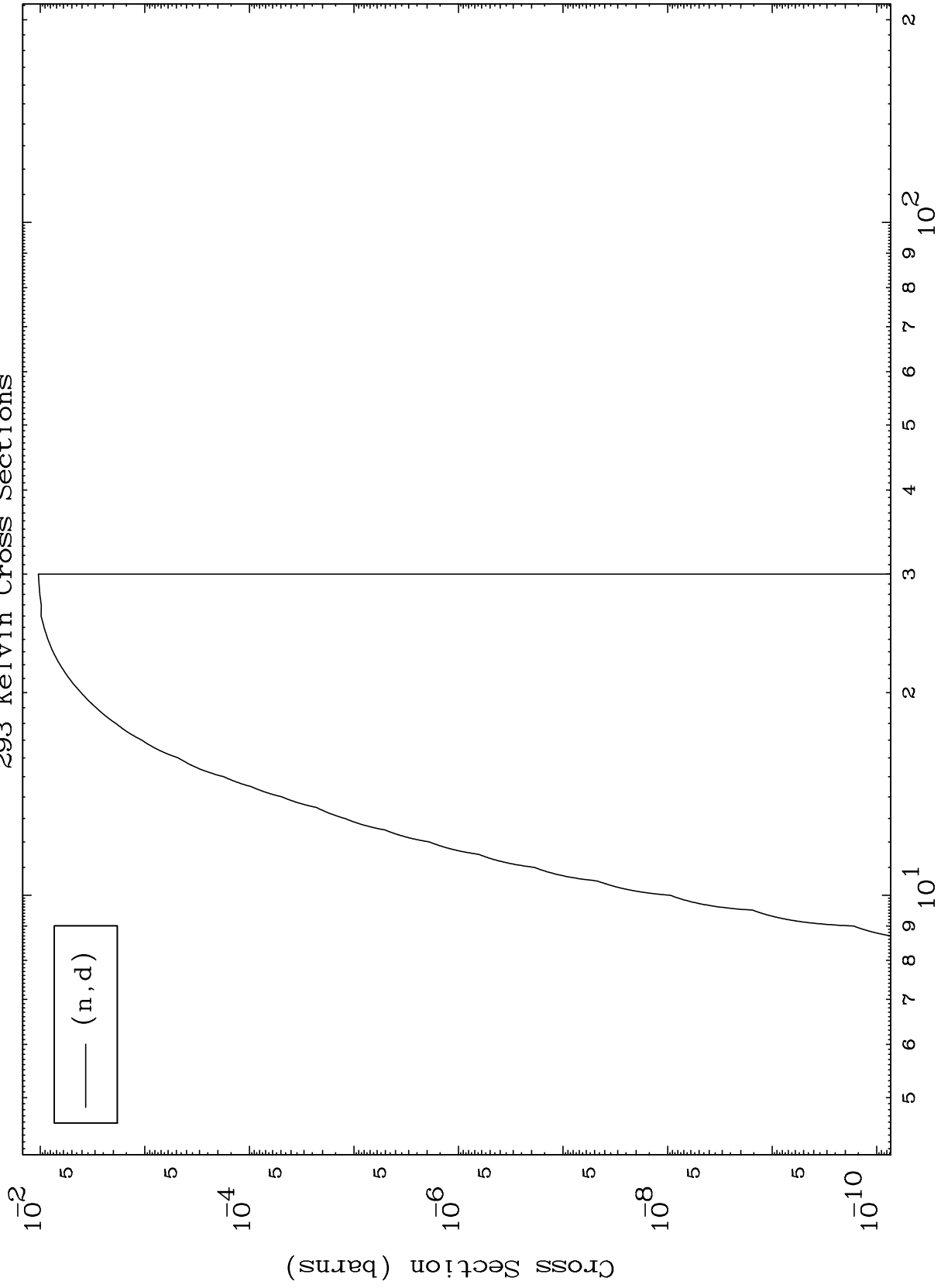
Incident Energy (MeV)

77-Ir-195

MAT 7737

(n,d) Levels
293 Kelvin Cross Sections

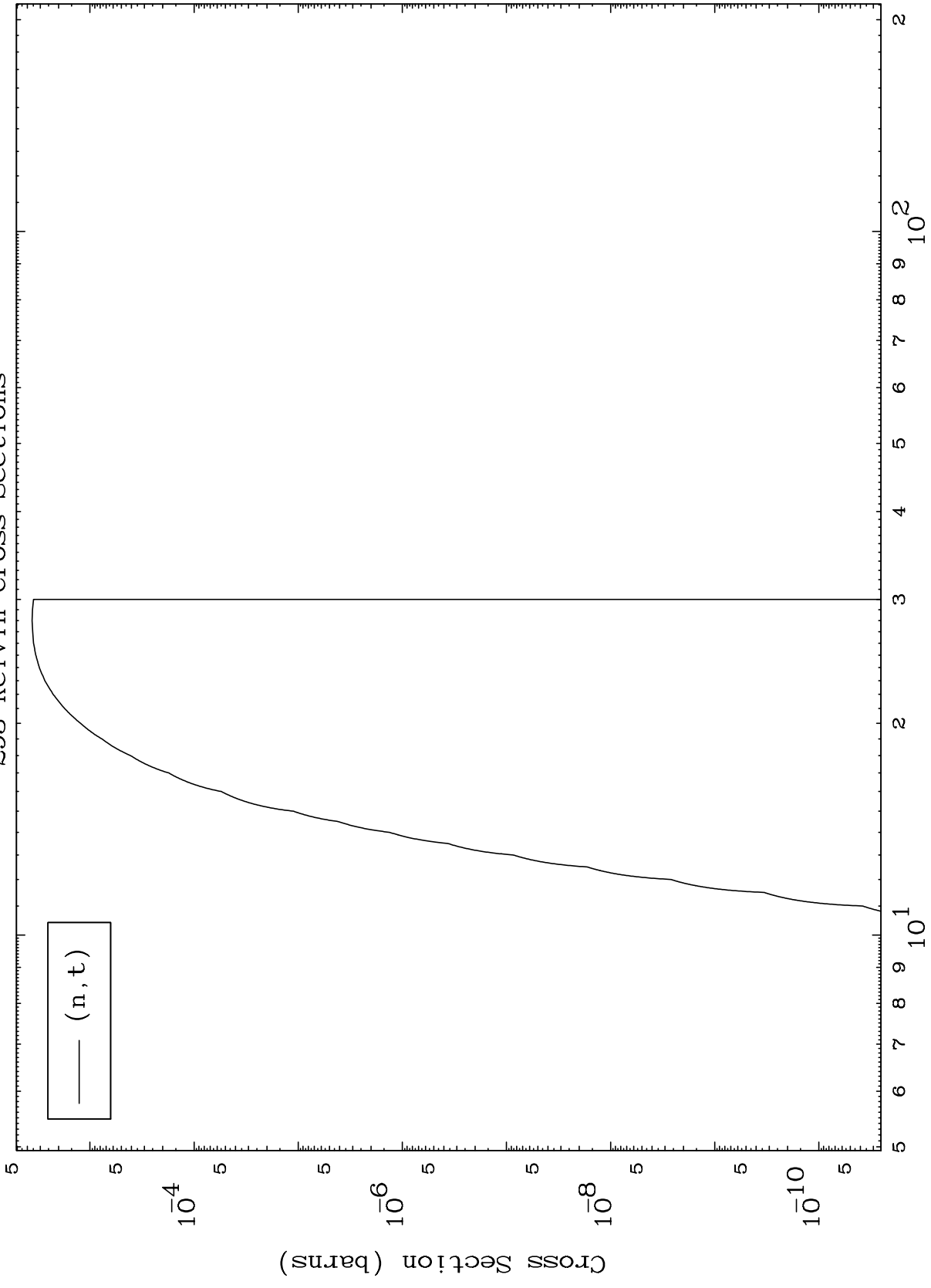
77-Ir-195



MAT 7737

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-195



12

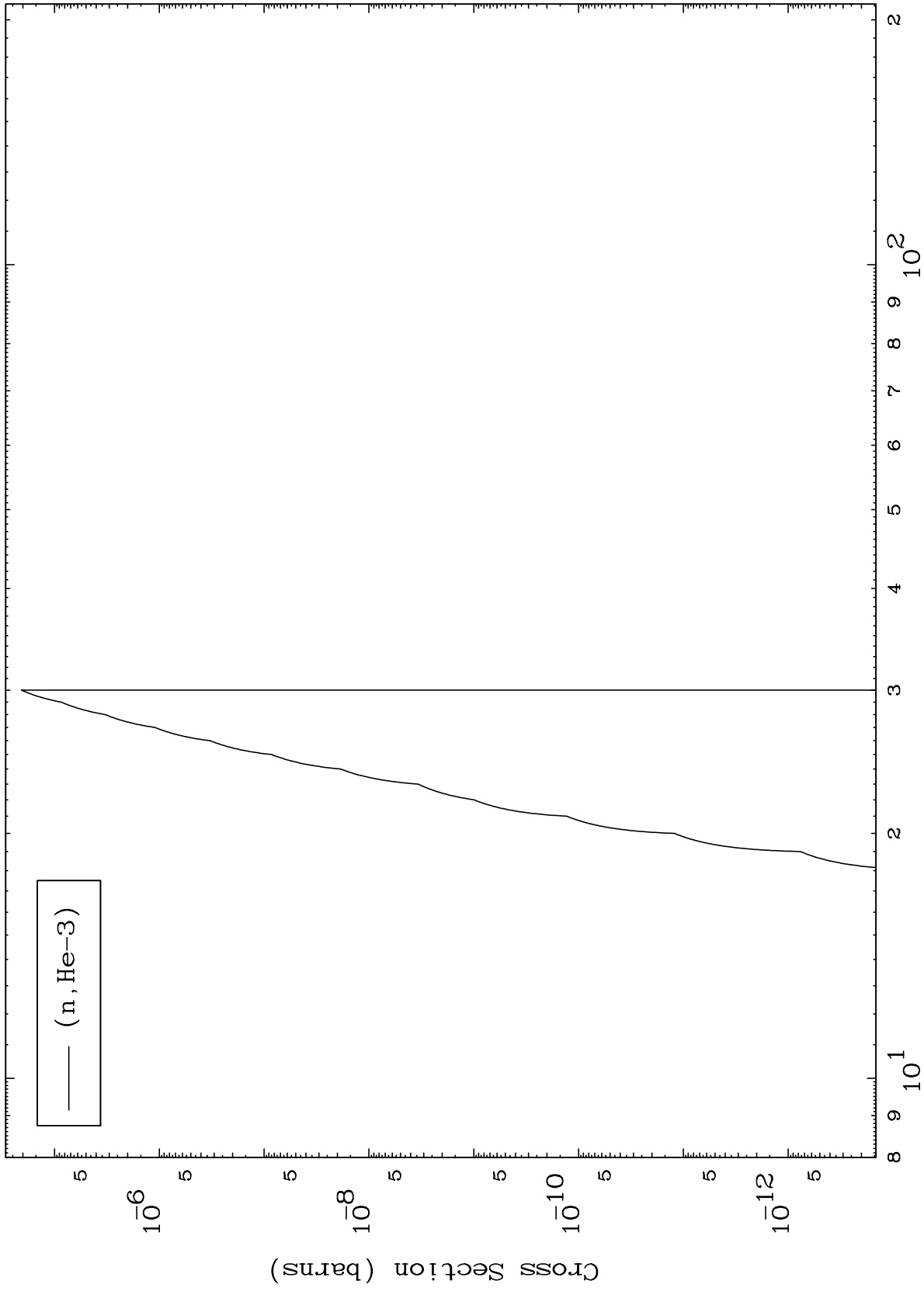
Incident Energy (MeV)

77-Ir-195

MAT 7737

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-195



13

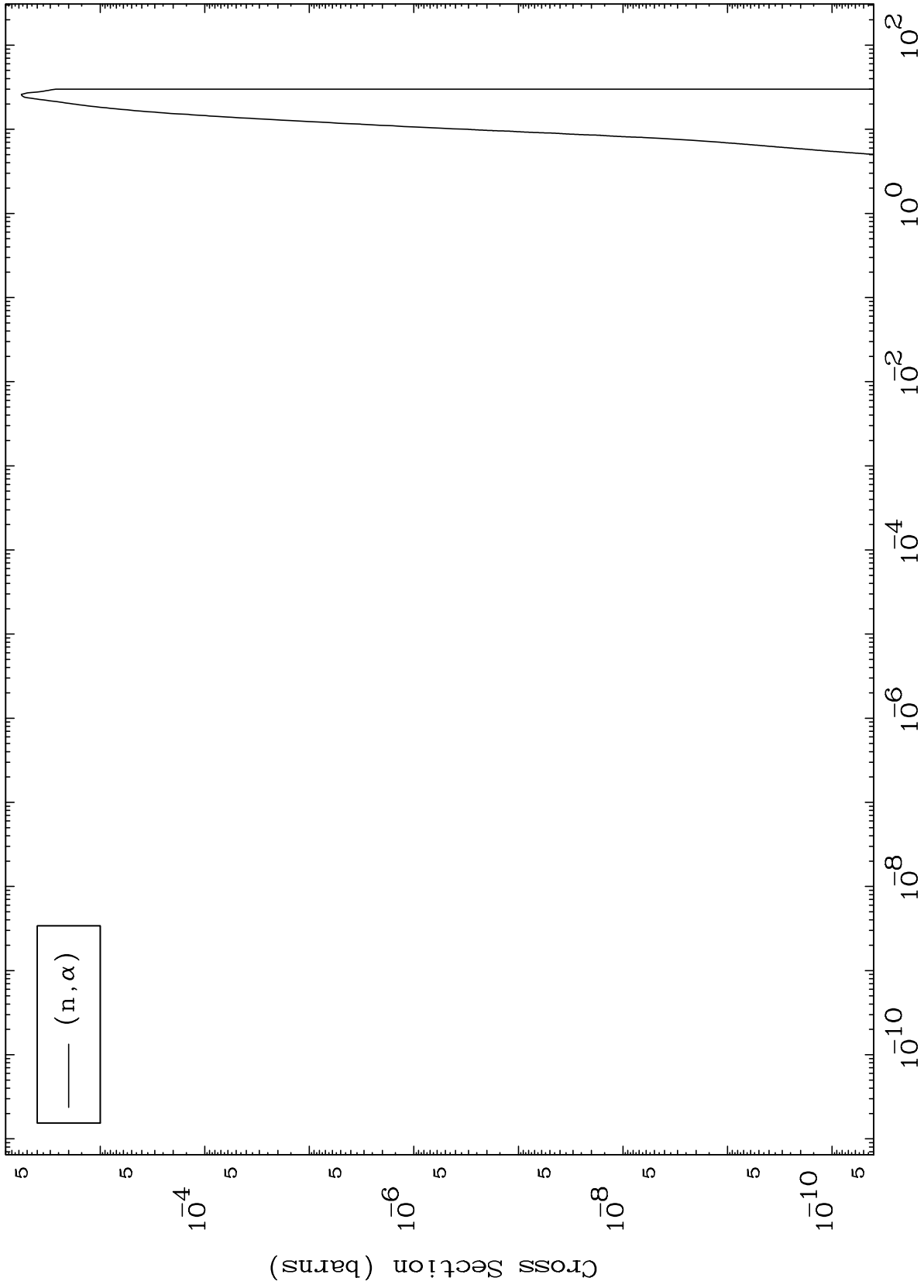
Incident Energy (MeV)

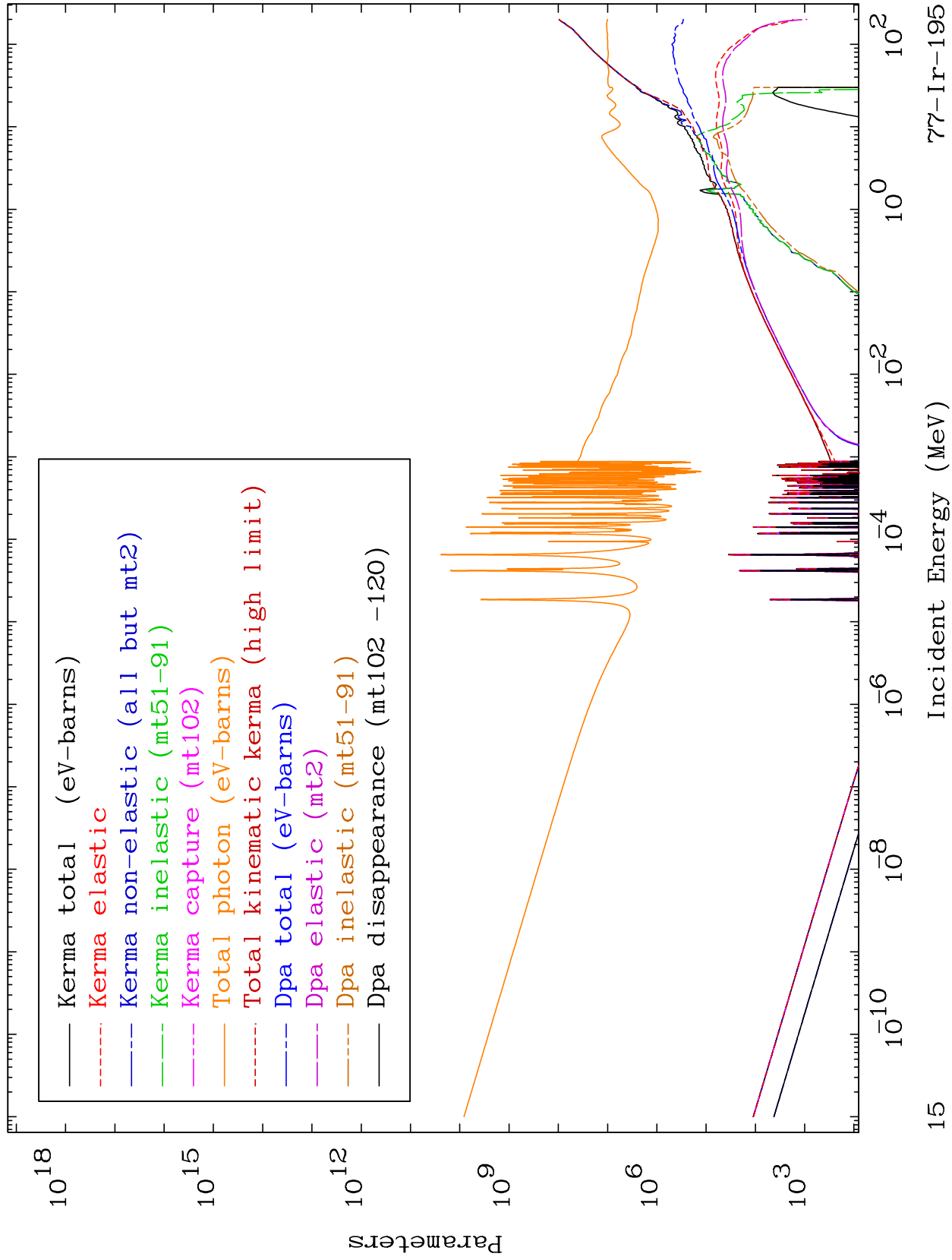
77-Ir-195

MAT 7737

(n,α) Levels
293 Kelvin Cross Sections

77-Ir-195

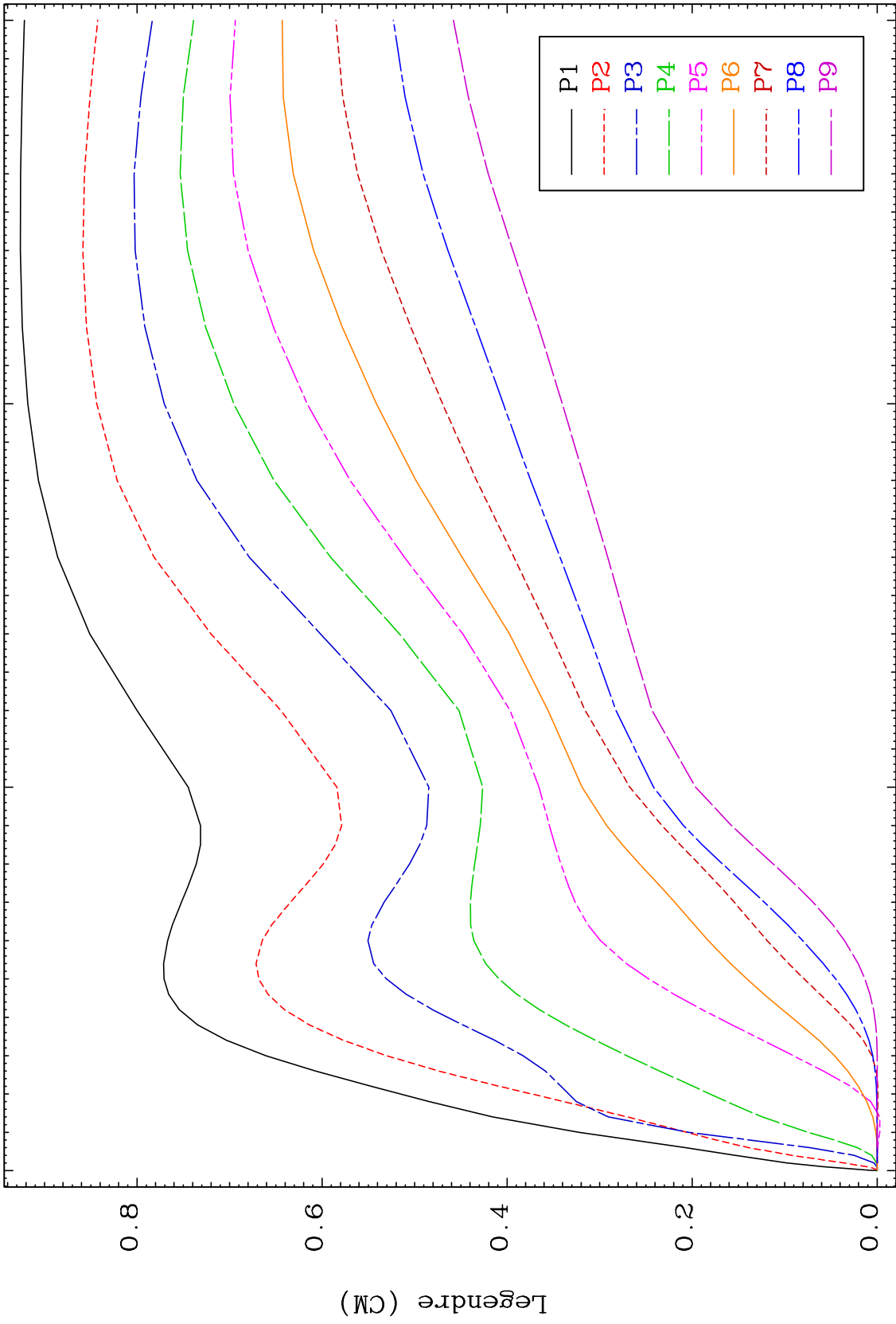




MAT 7737

Elastic Legendre Coefficients

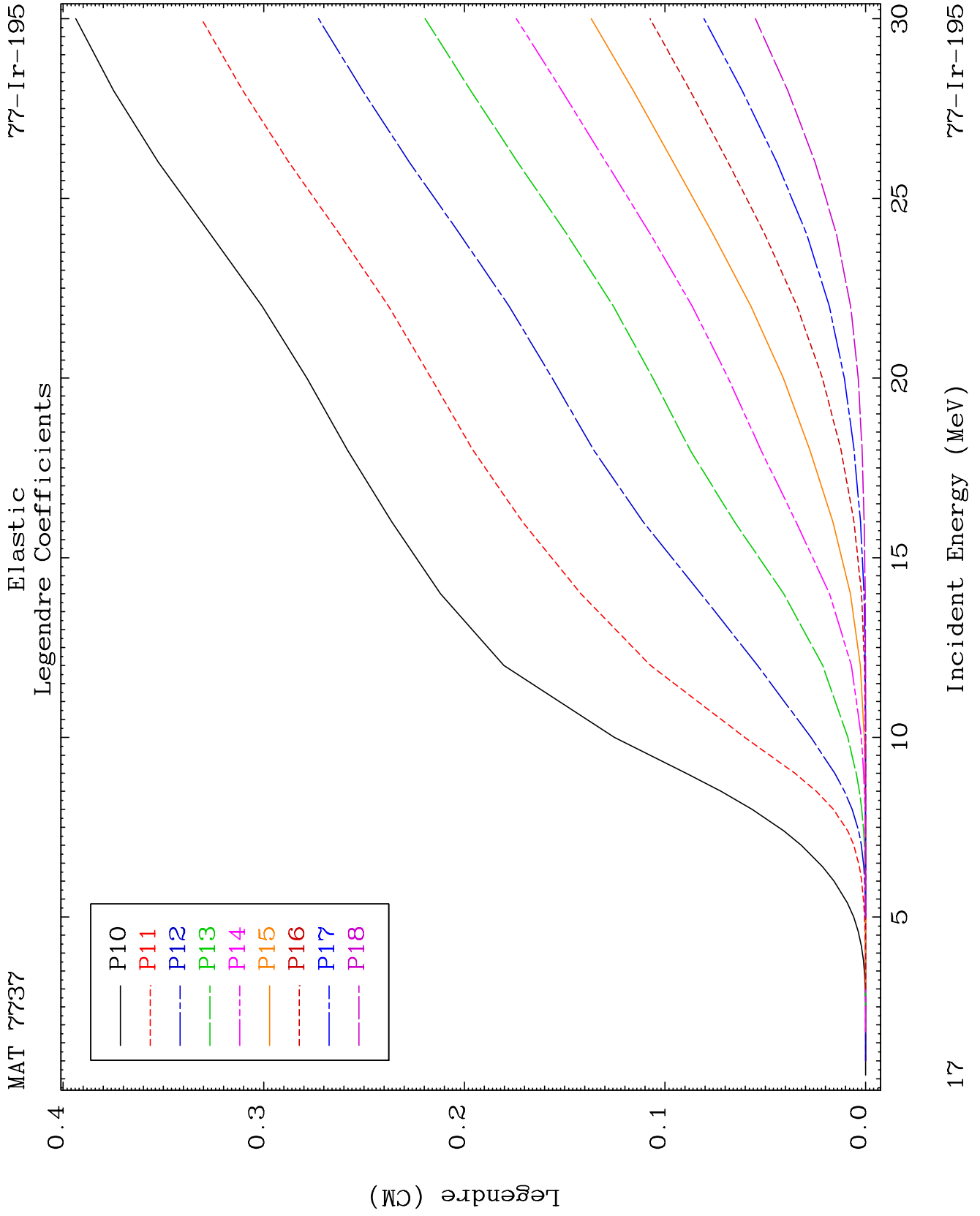
77-Ir-195



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Incident Energy (MeV)

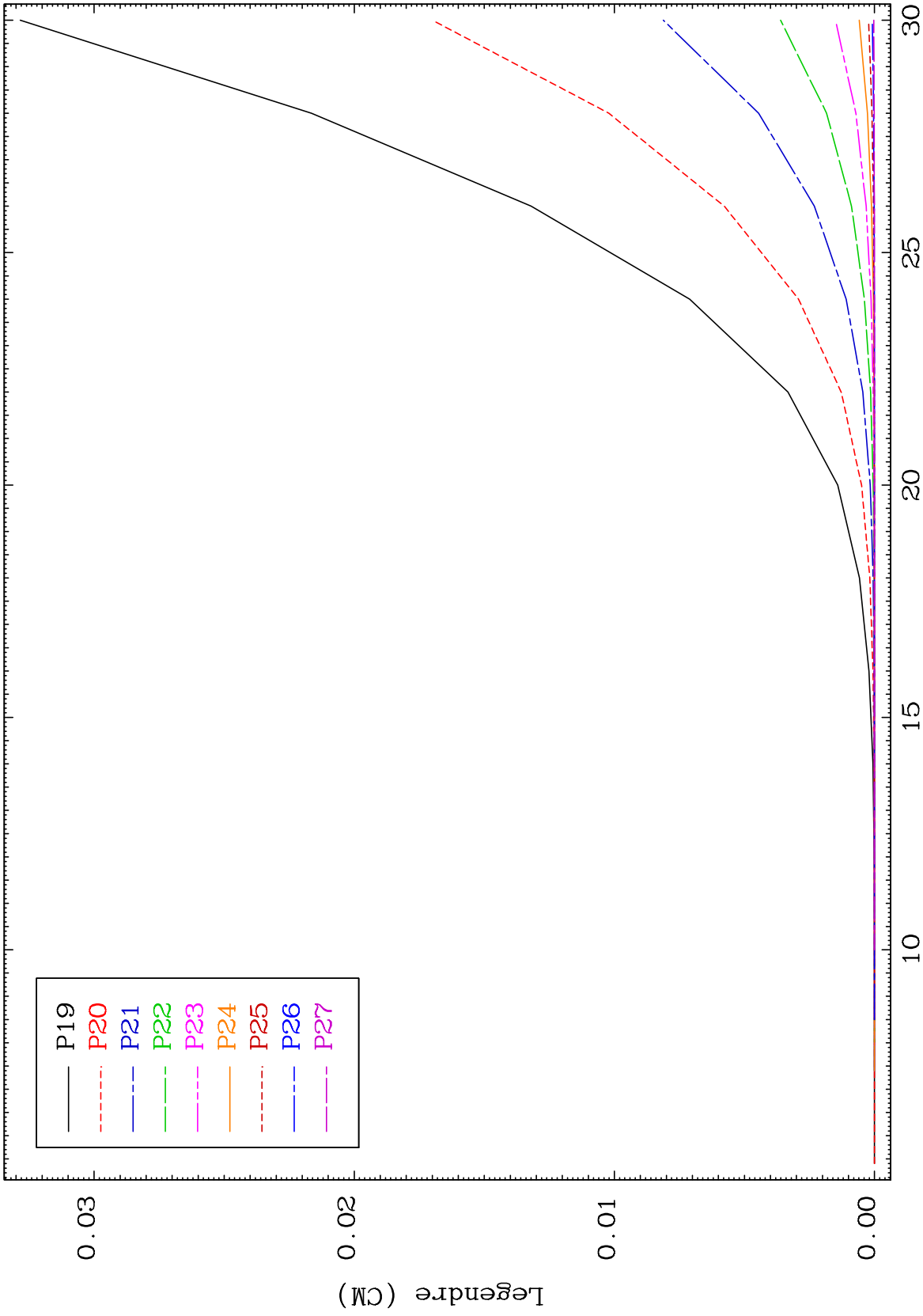
77-Ir-195



MAT 7737

Elastic Legendre Coefficients

77-Ir-195



18

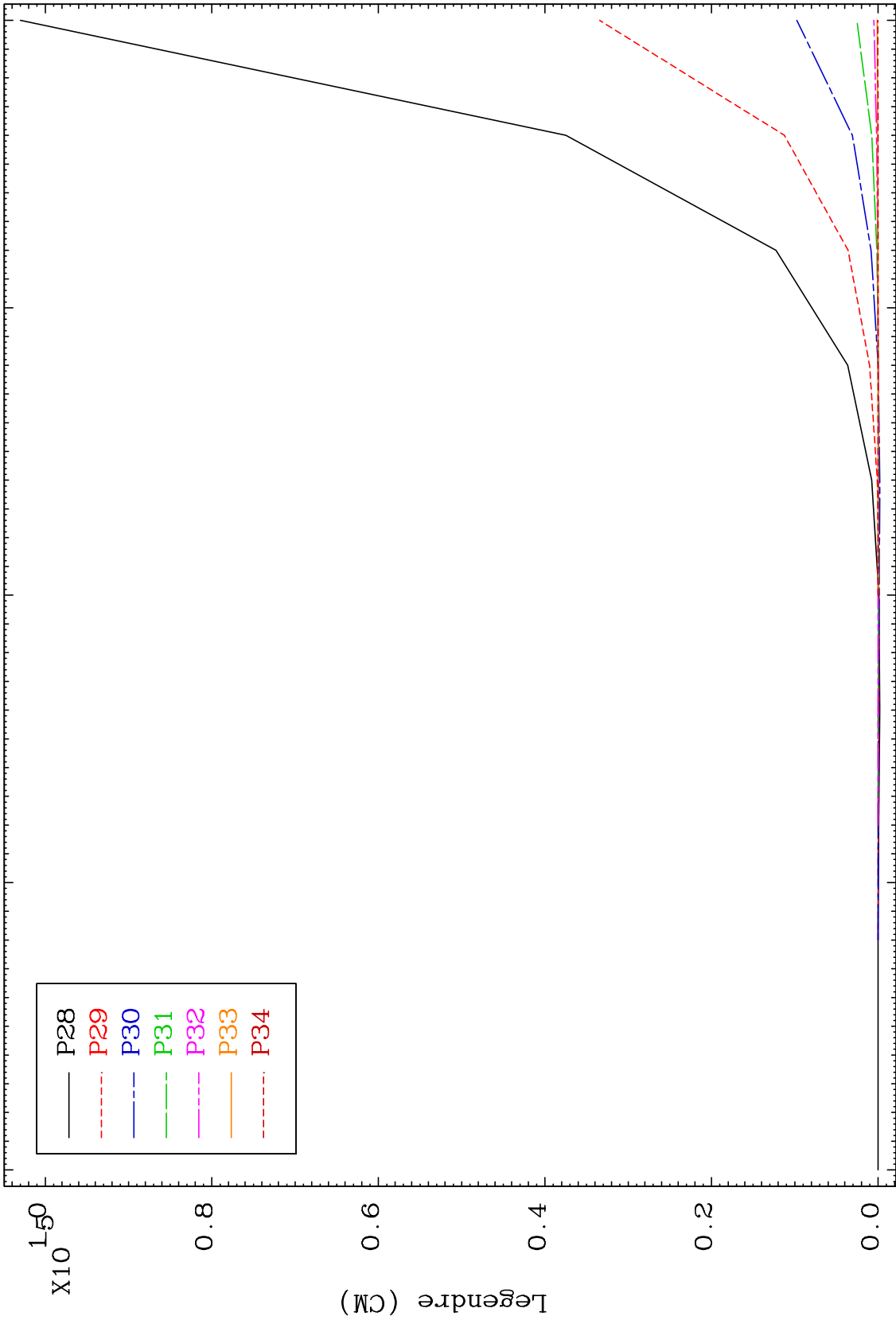
Incident Energy (MeV)

77-Ir-195

MAT 7737

Elastic Legendre Coefficients

77-Ir-195



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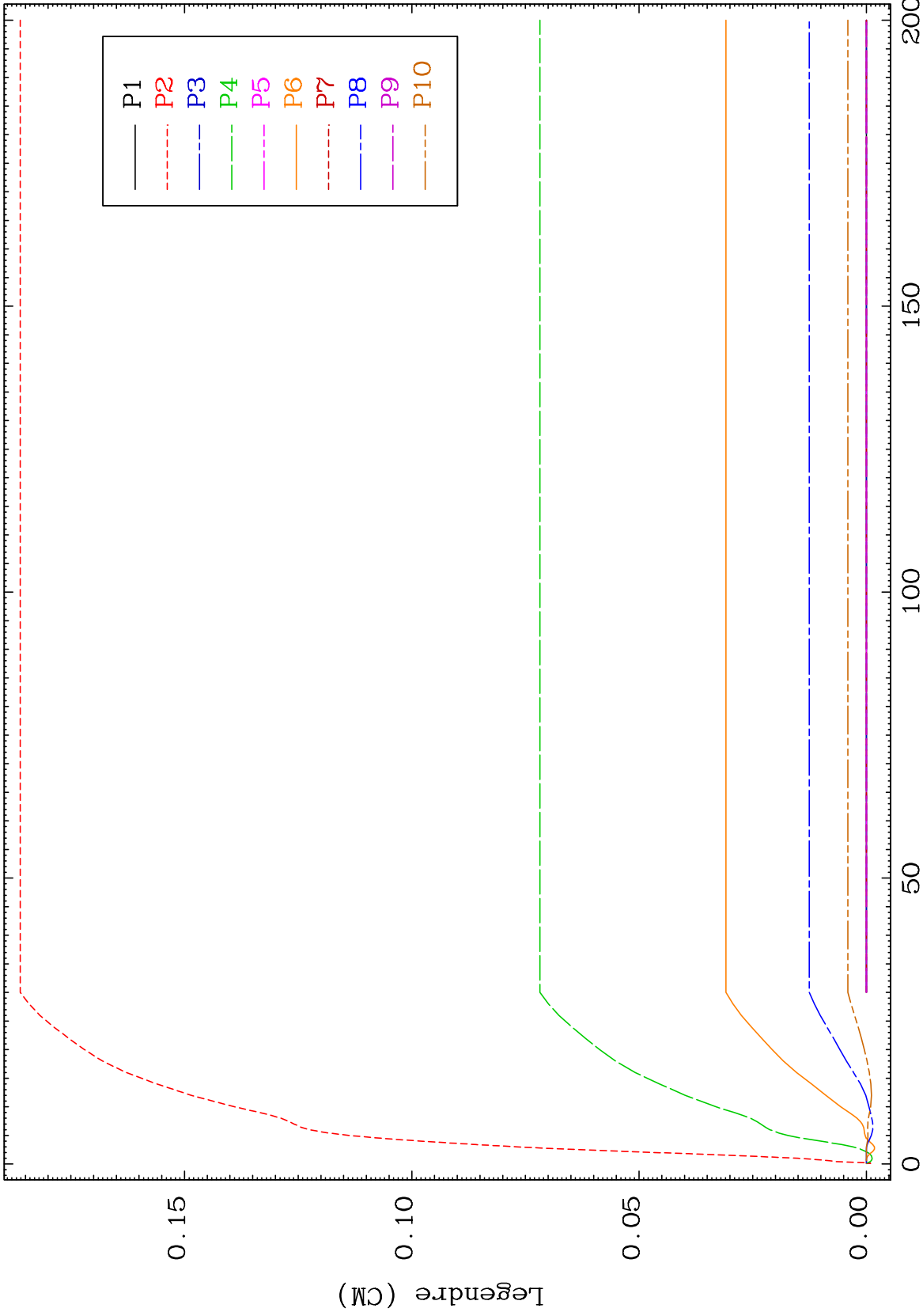
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



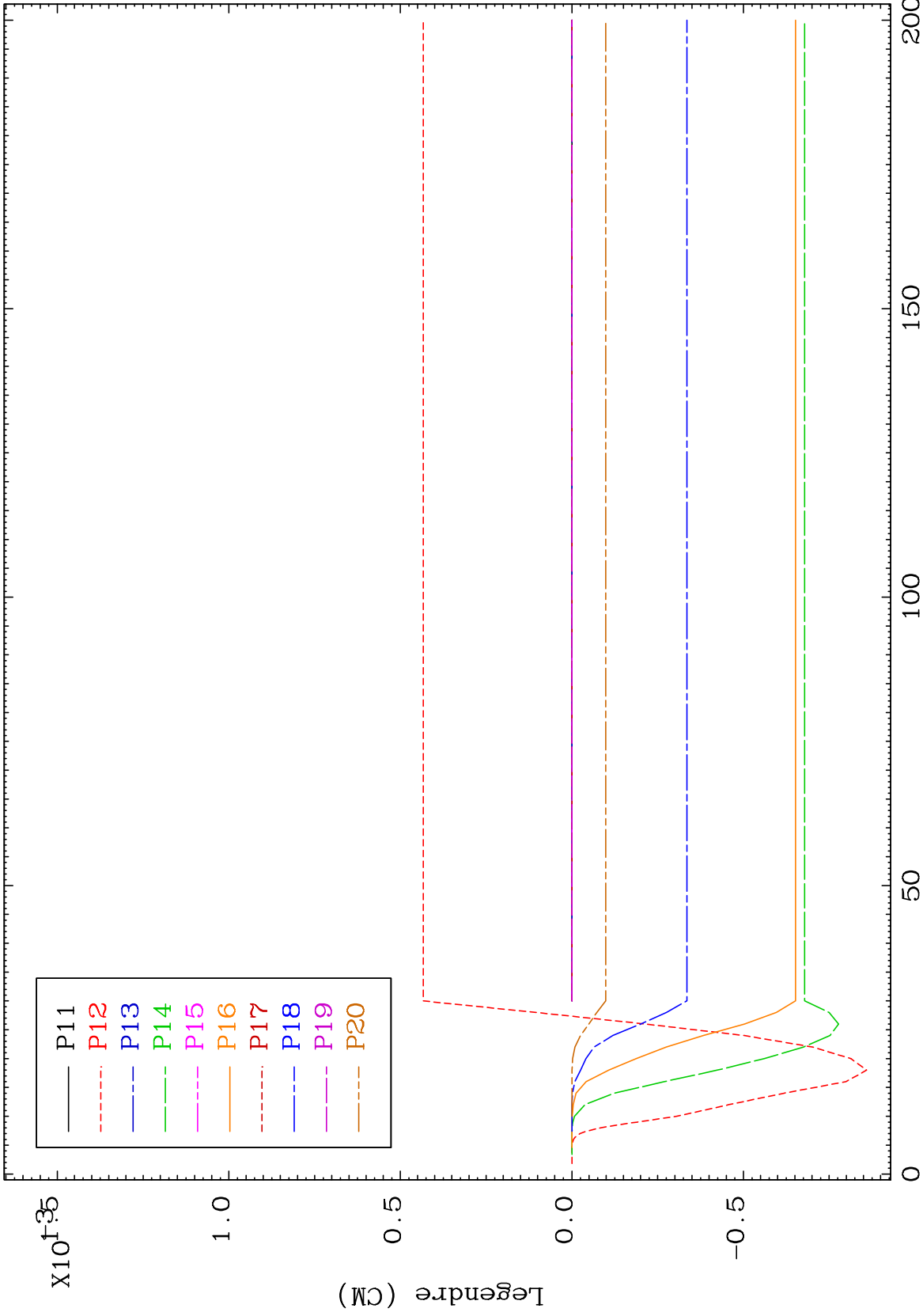
77-Ir-195

Incident Energy (MeV)

MAT 7737

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

77-Ir-195



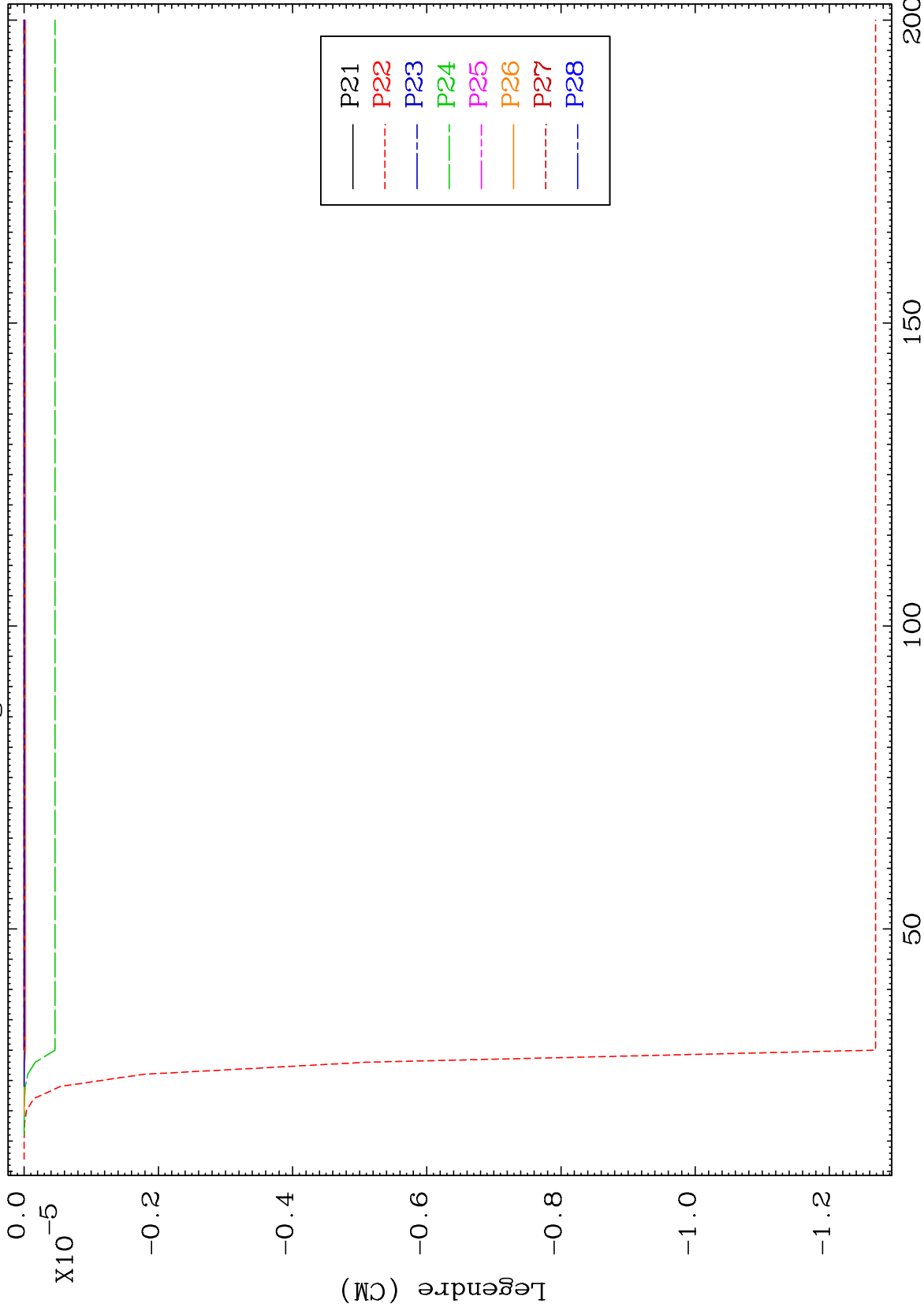
21

77-Ir-195

MAT 7737

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

77-Ir-195



22

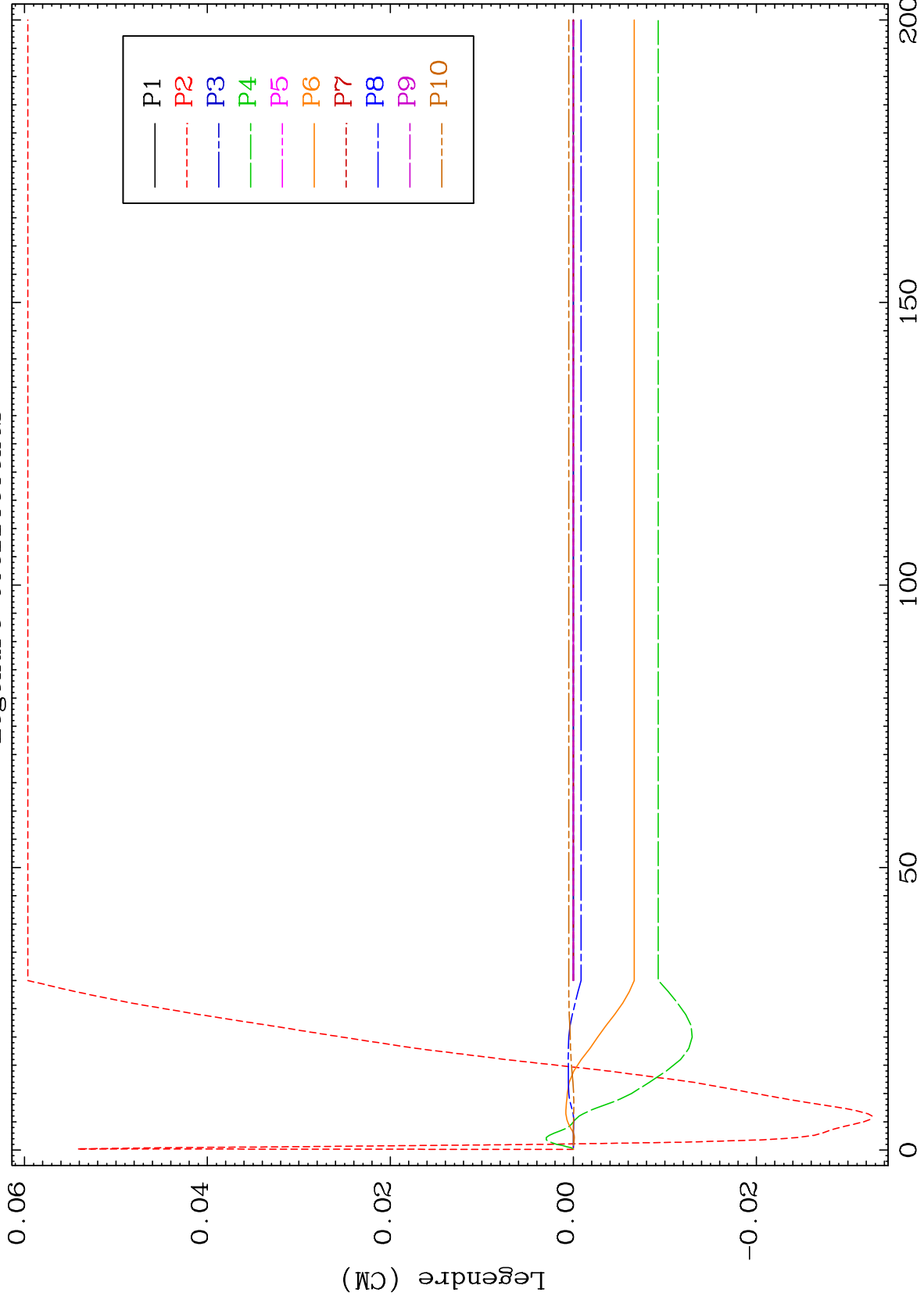
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



23

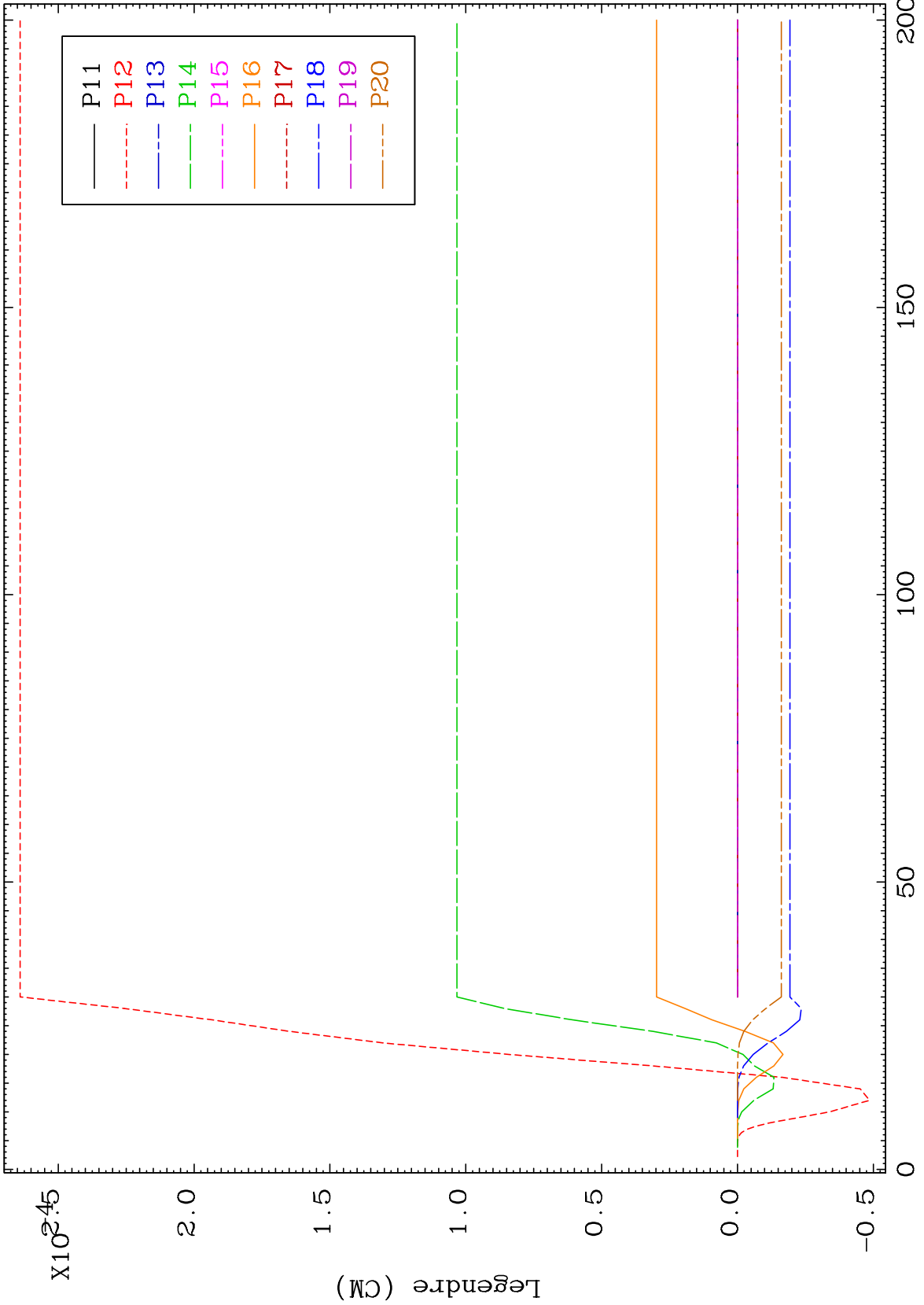
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



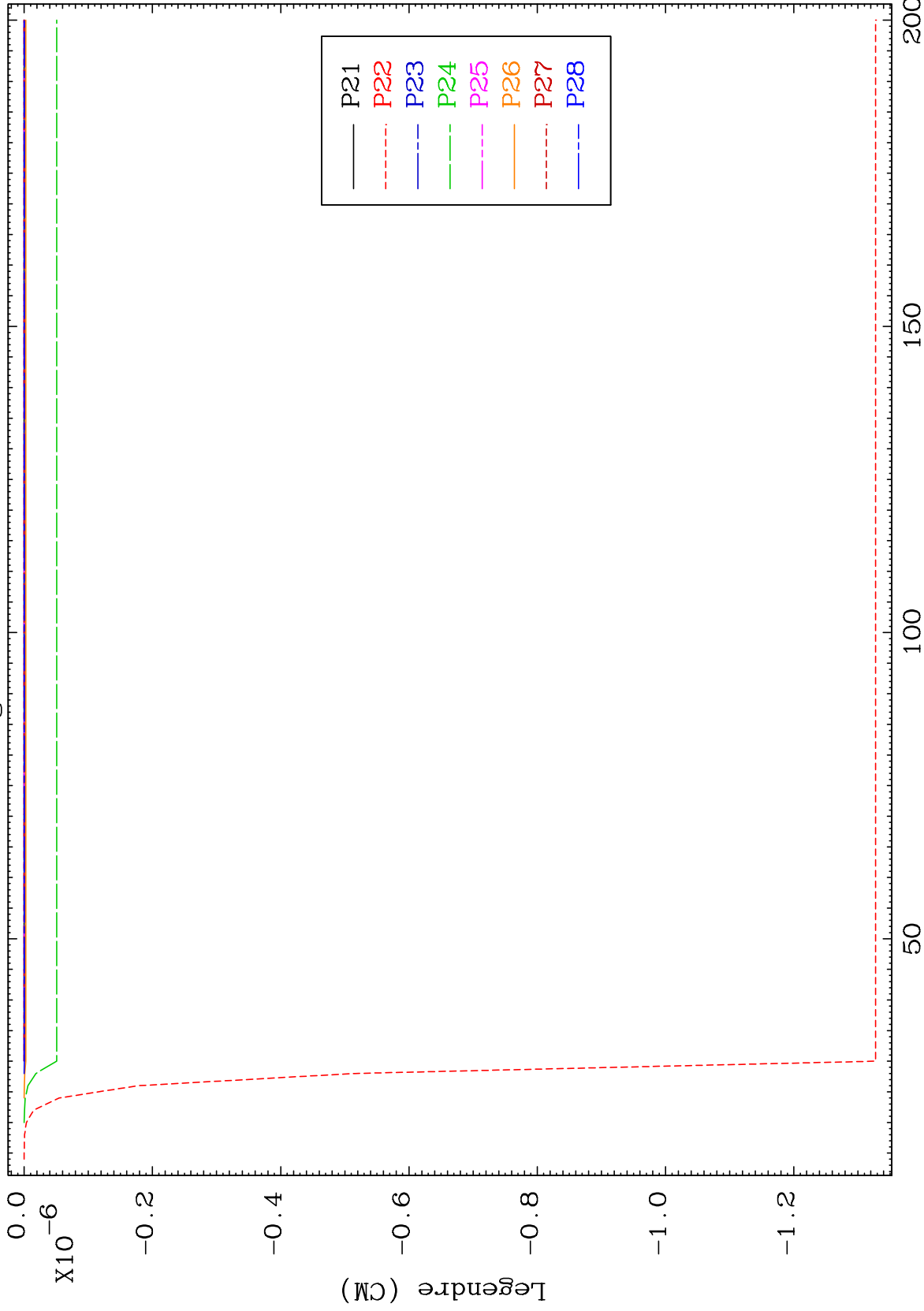
24

77-Ir-195

MAT 7737

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

77-Ir-195



25

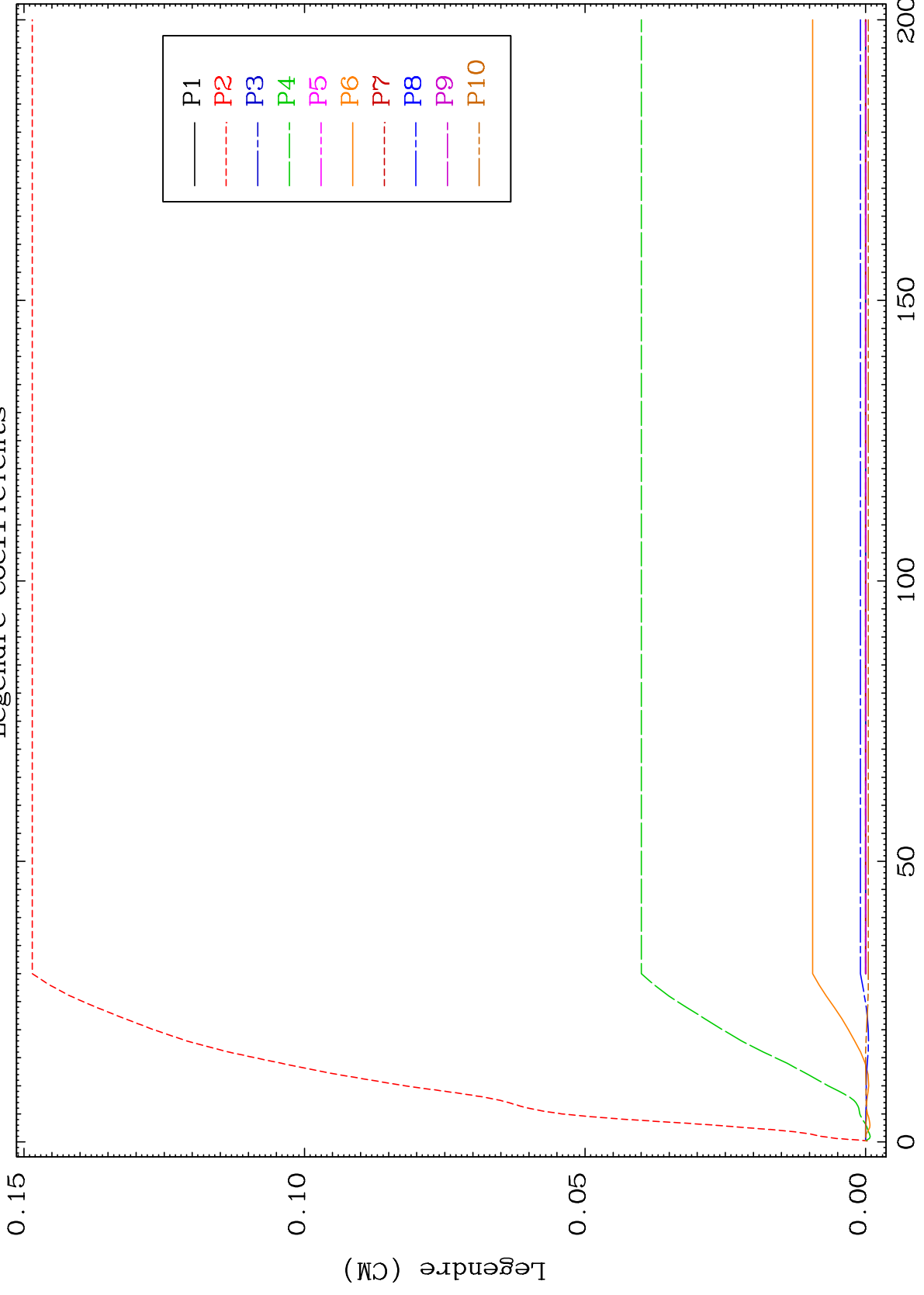
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



26

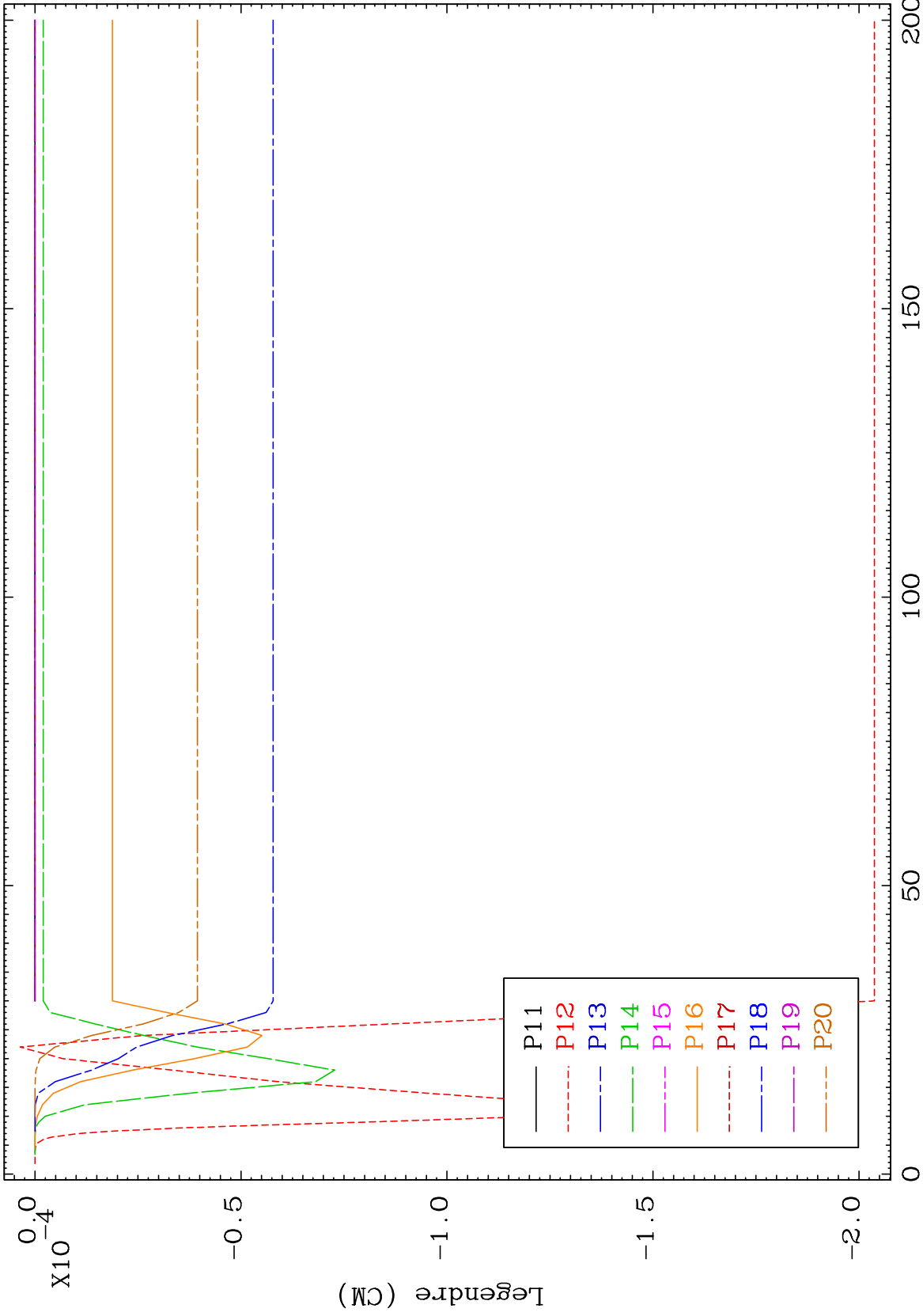
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

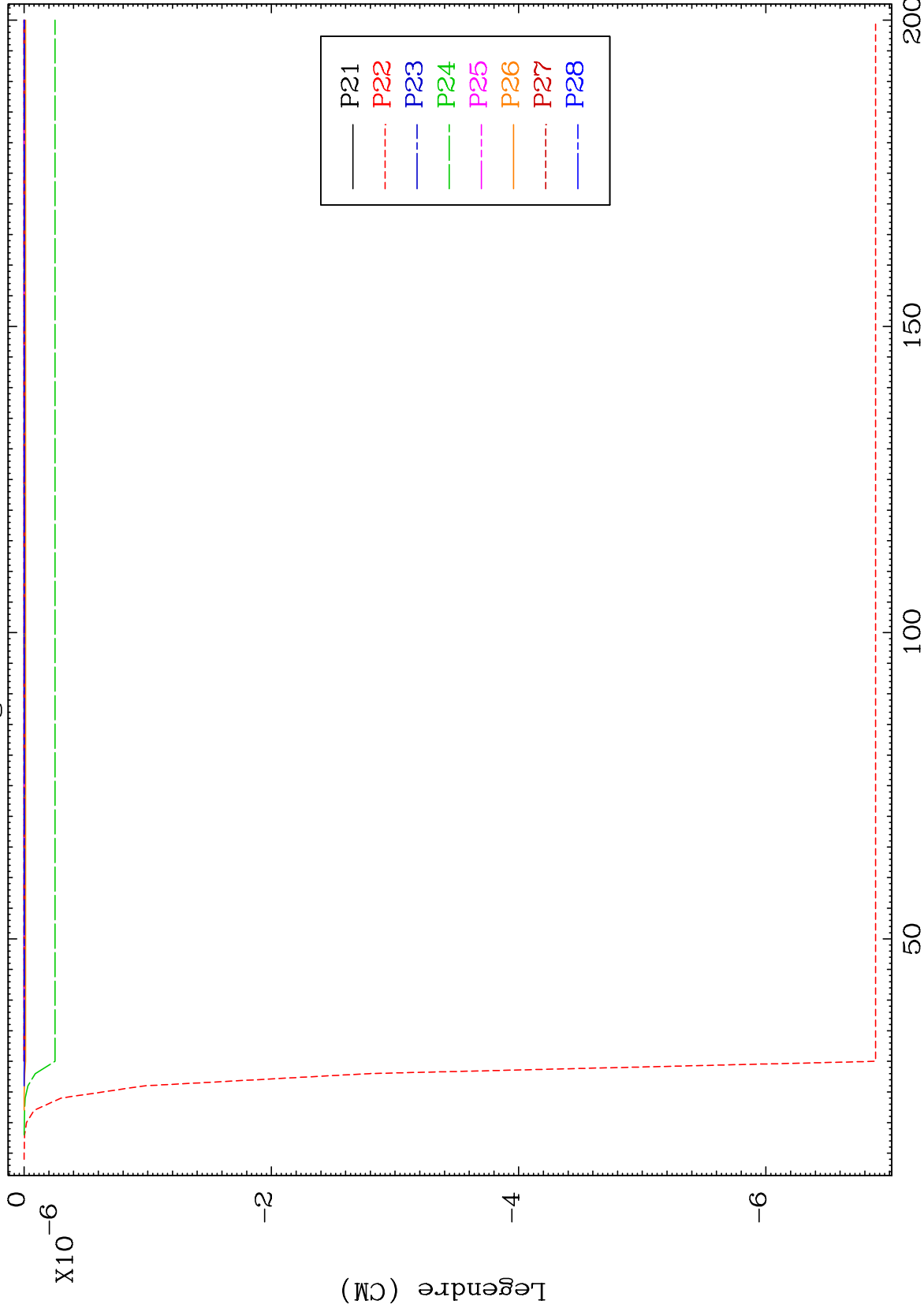
77-Ir-195



MAT 7737

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

77-Ir-195



28

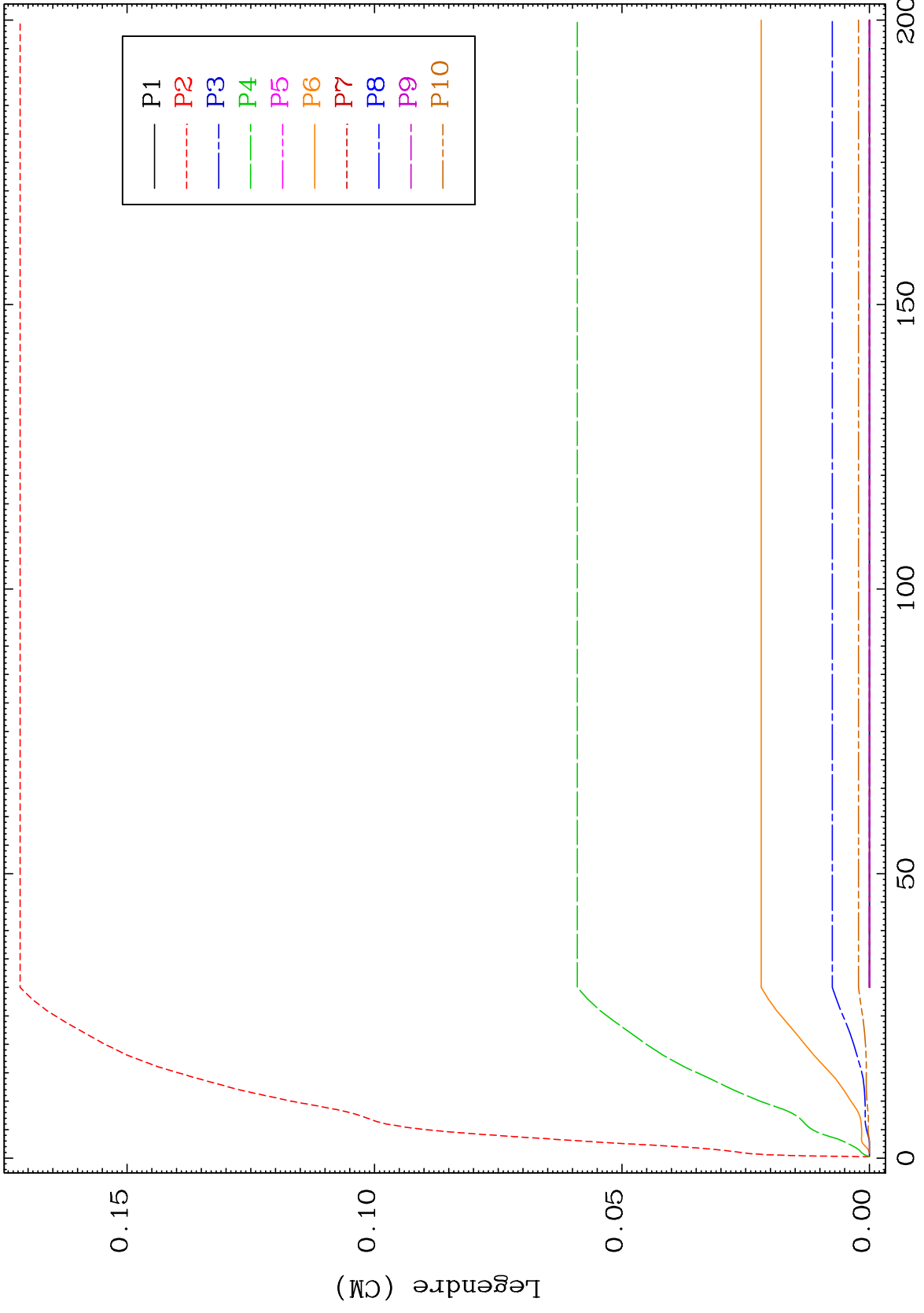
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



29

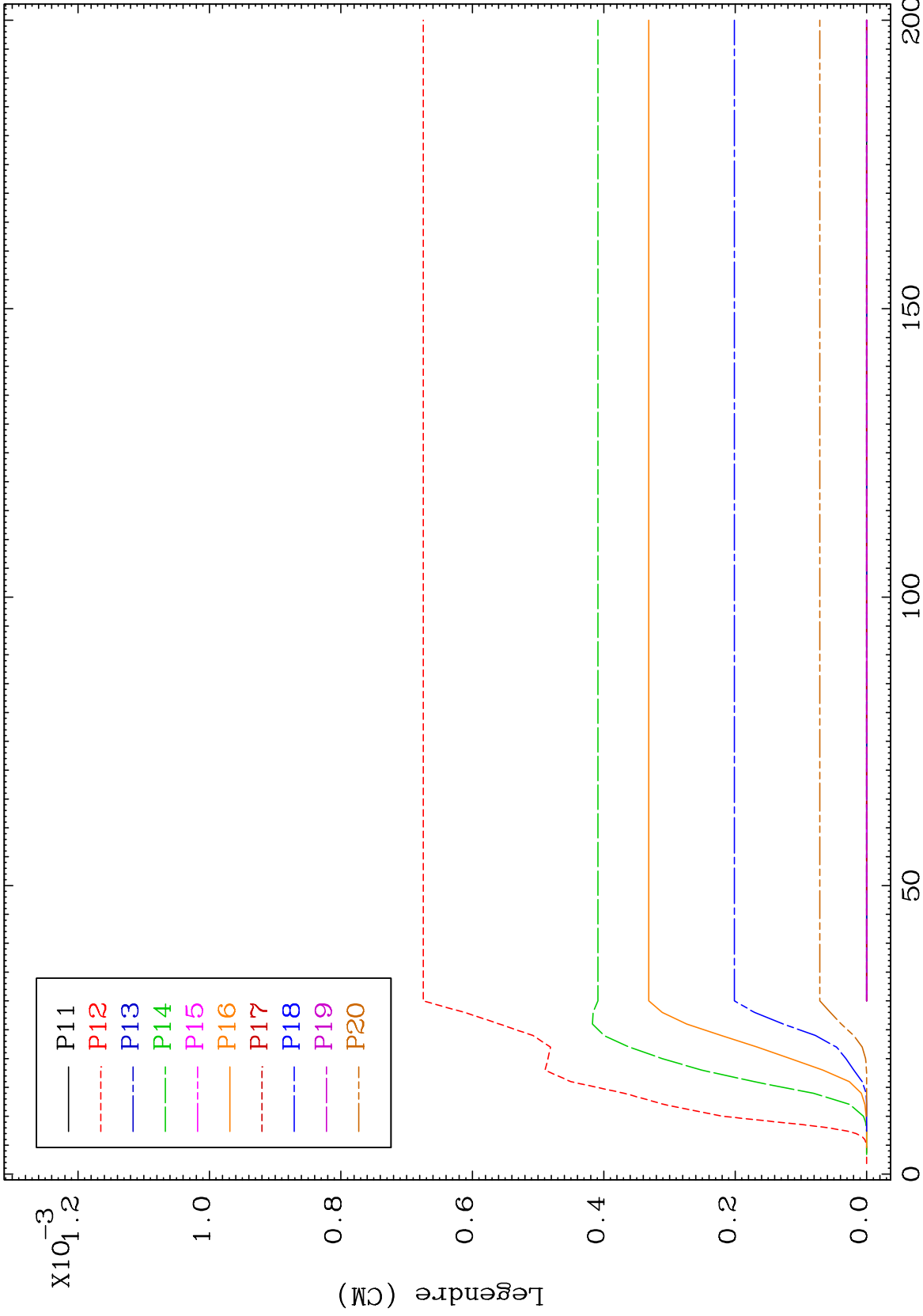
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



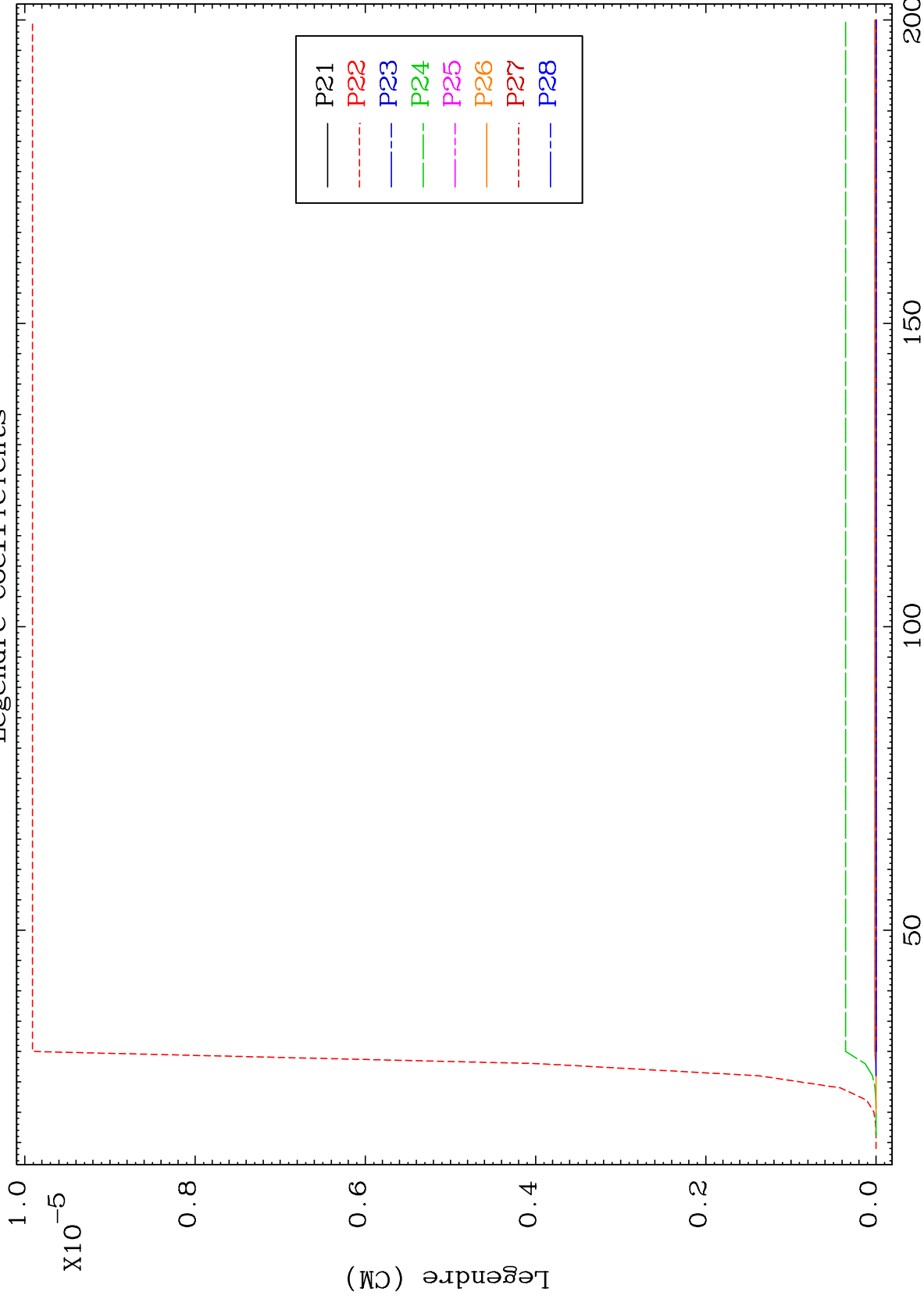
77-Ir-195

Incident Energy (MeV)

MAT 7737

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

77-Ir-195



31

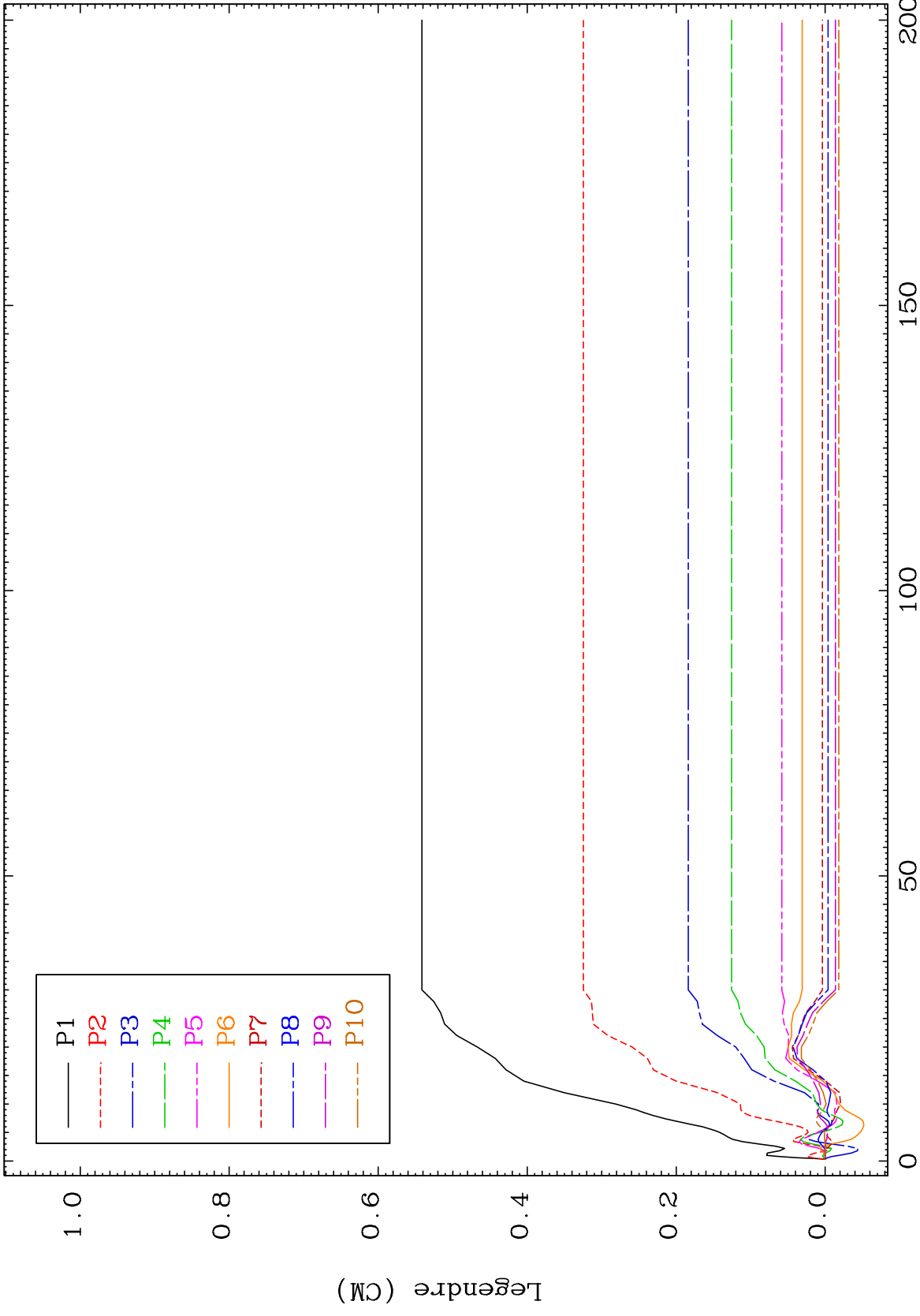
77-Ir-195

77-Ir-195

MAT 7737

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

77-Ir-195



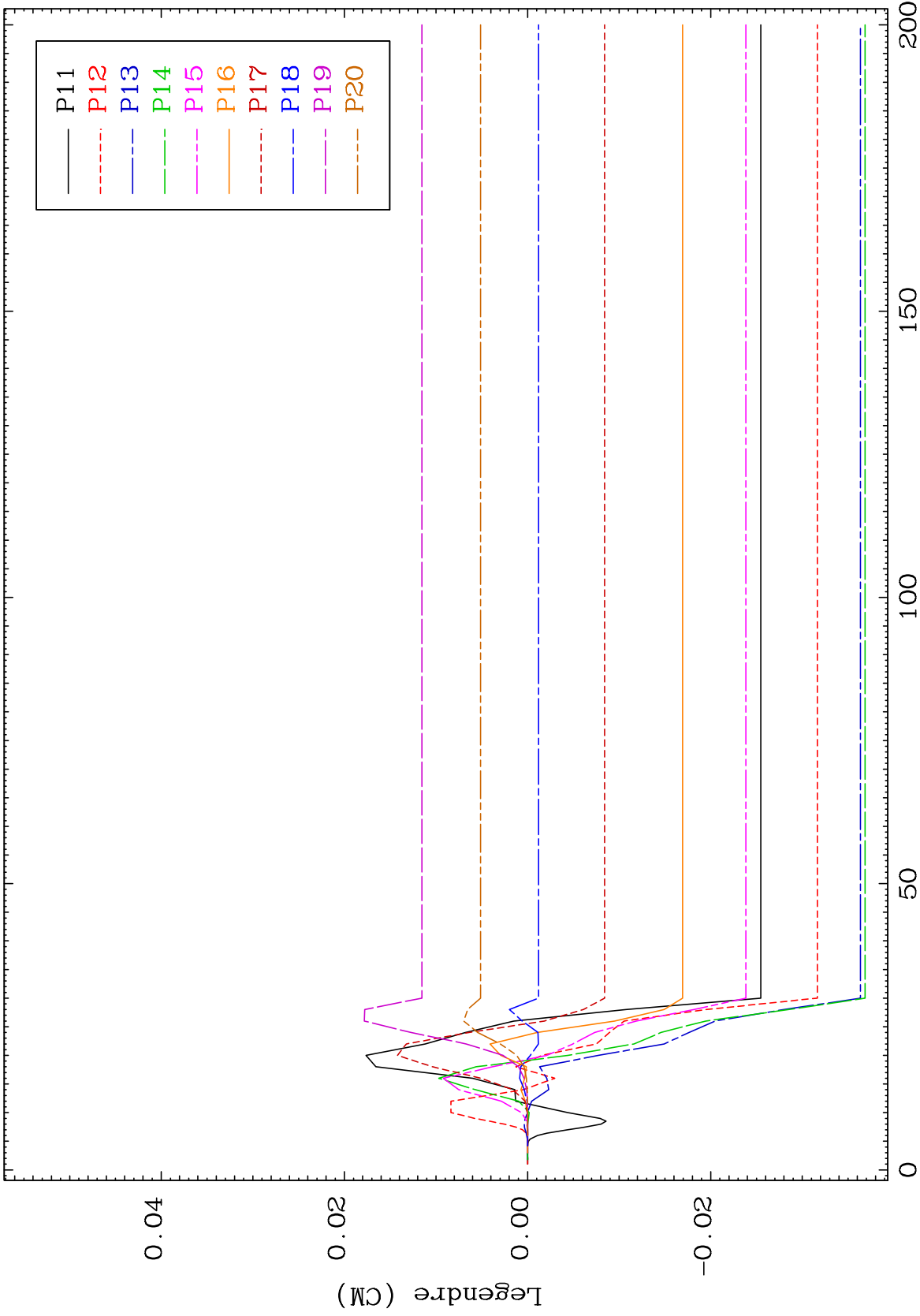
32

77-Ir-195

MAT 7737

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

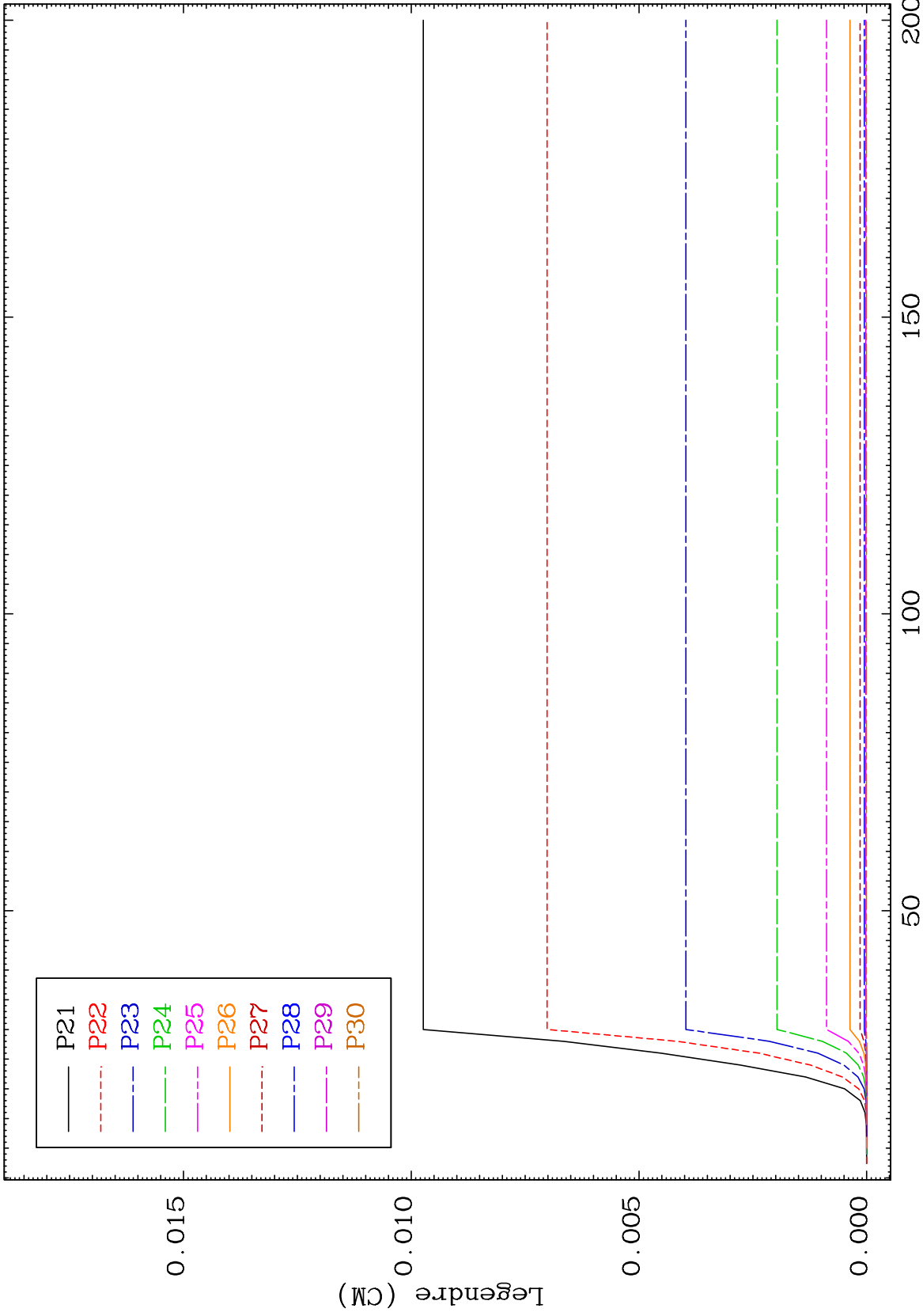
77-Ir-195



33

Incident Energy (MeV)

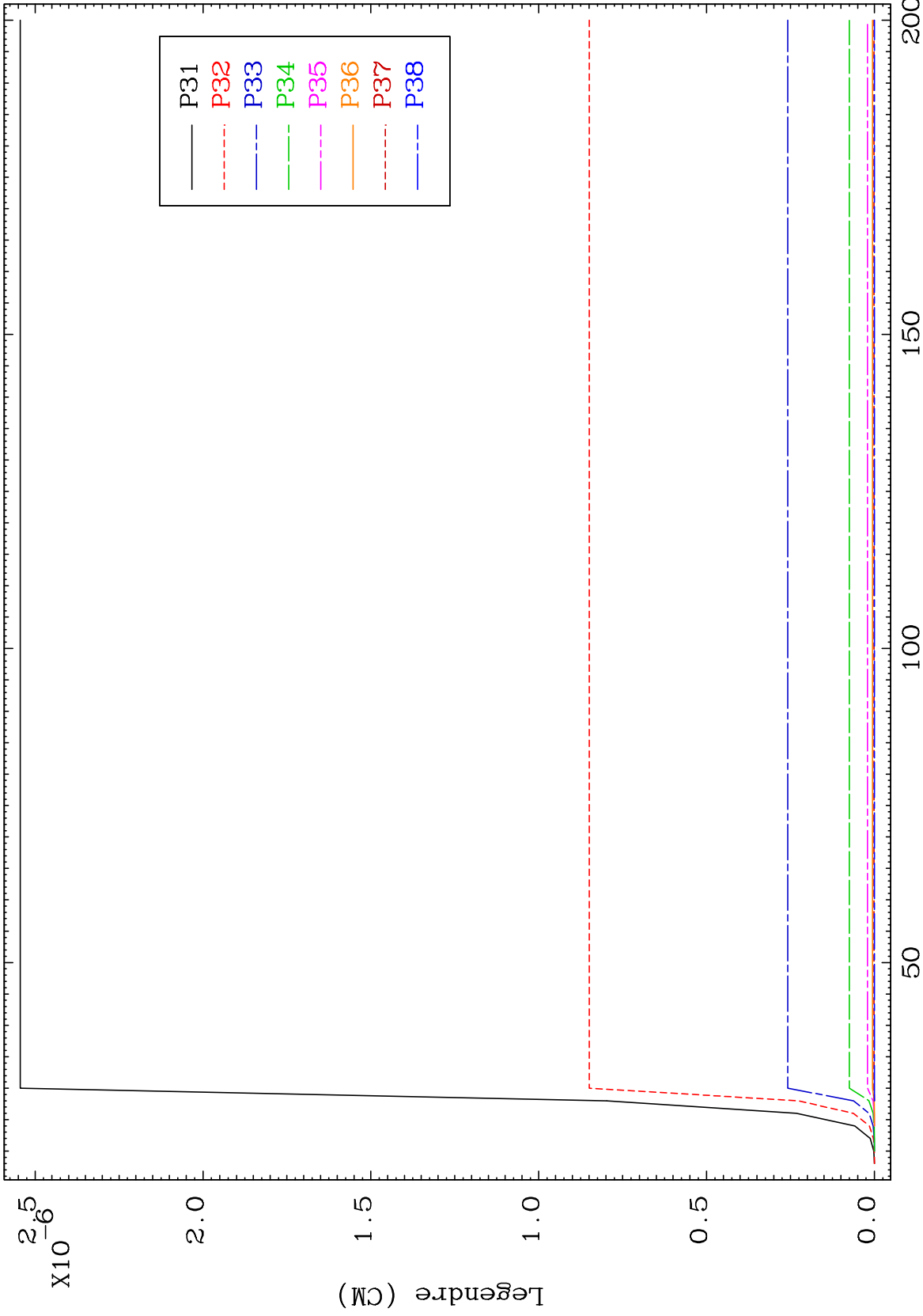
77-Ir-195



MAT 7737

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

77-Ir-195



35

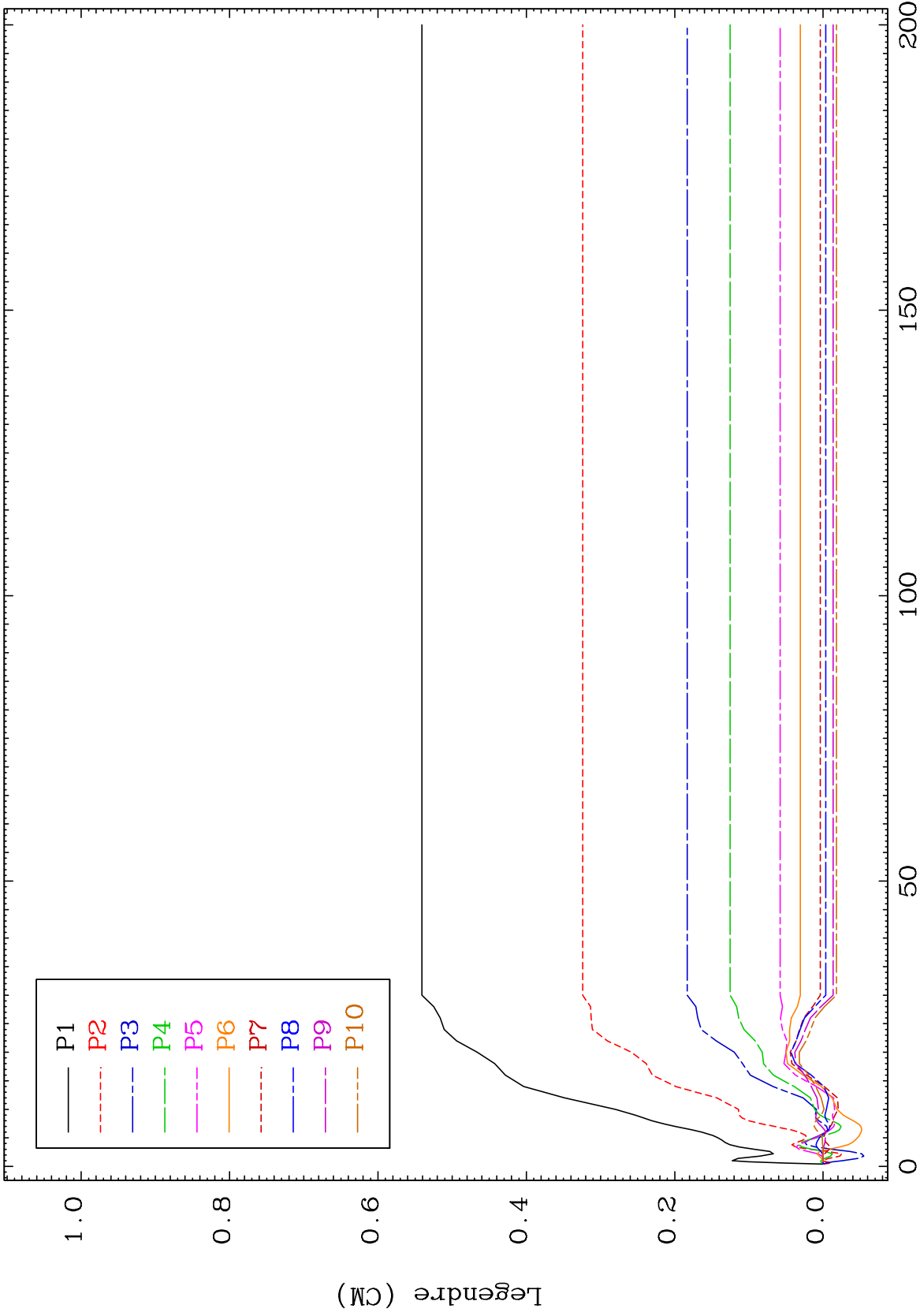
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



36

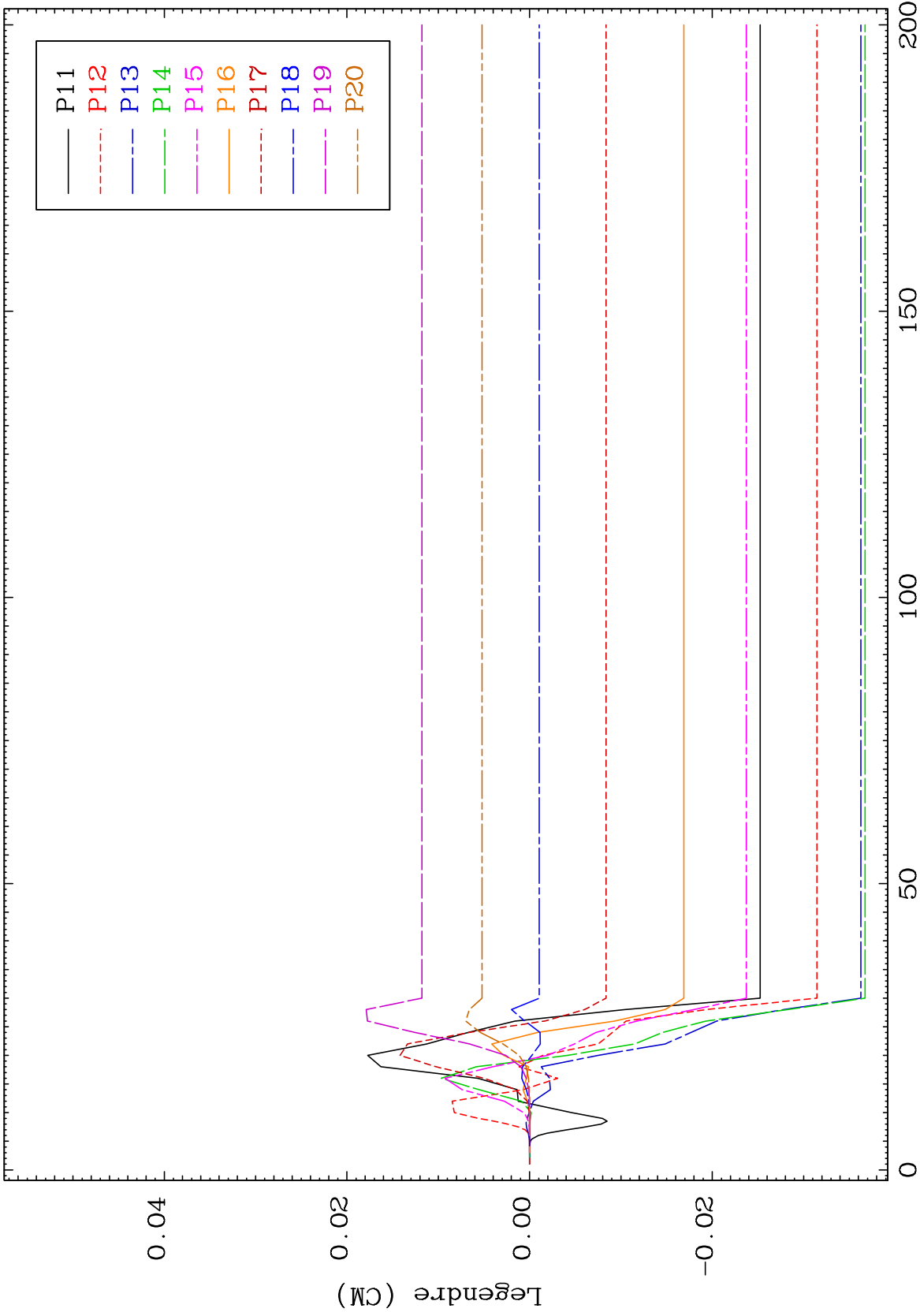
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



37

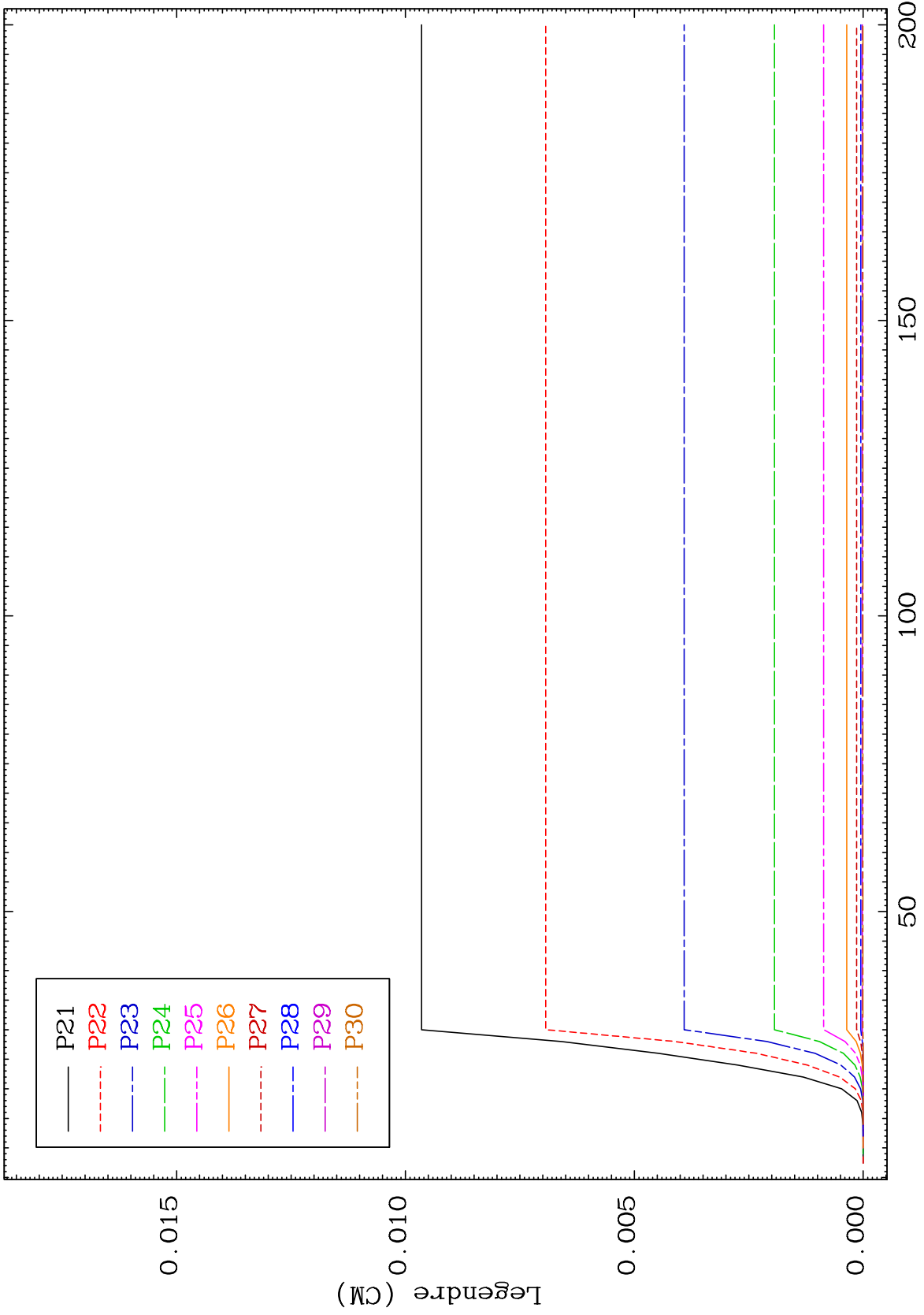
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



38

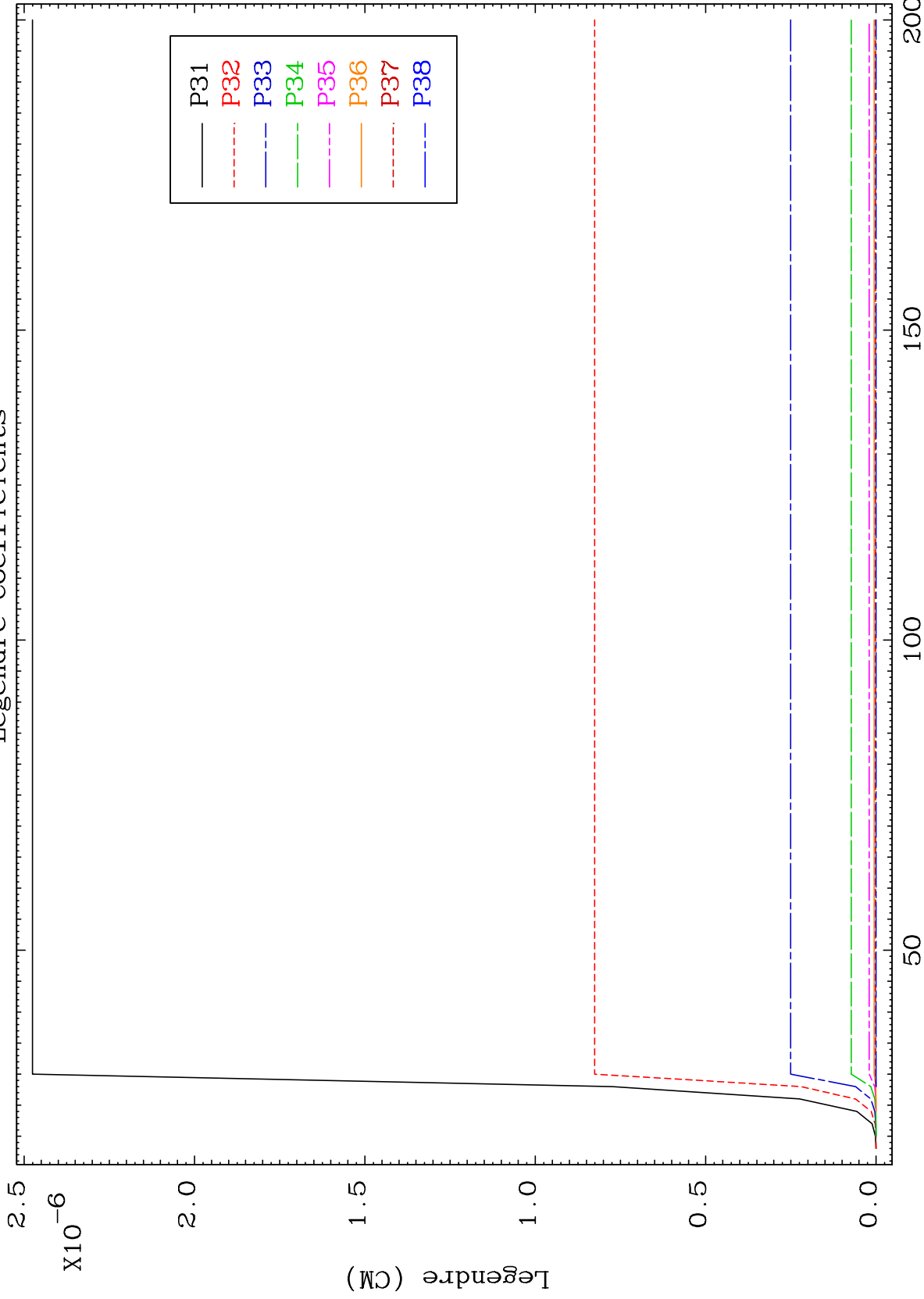
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



39

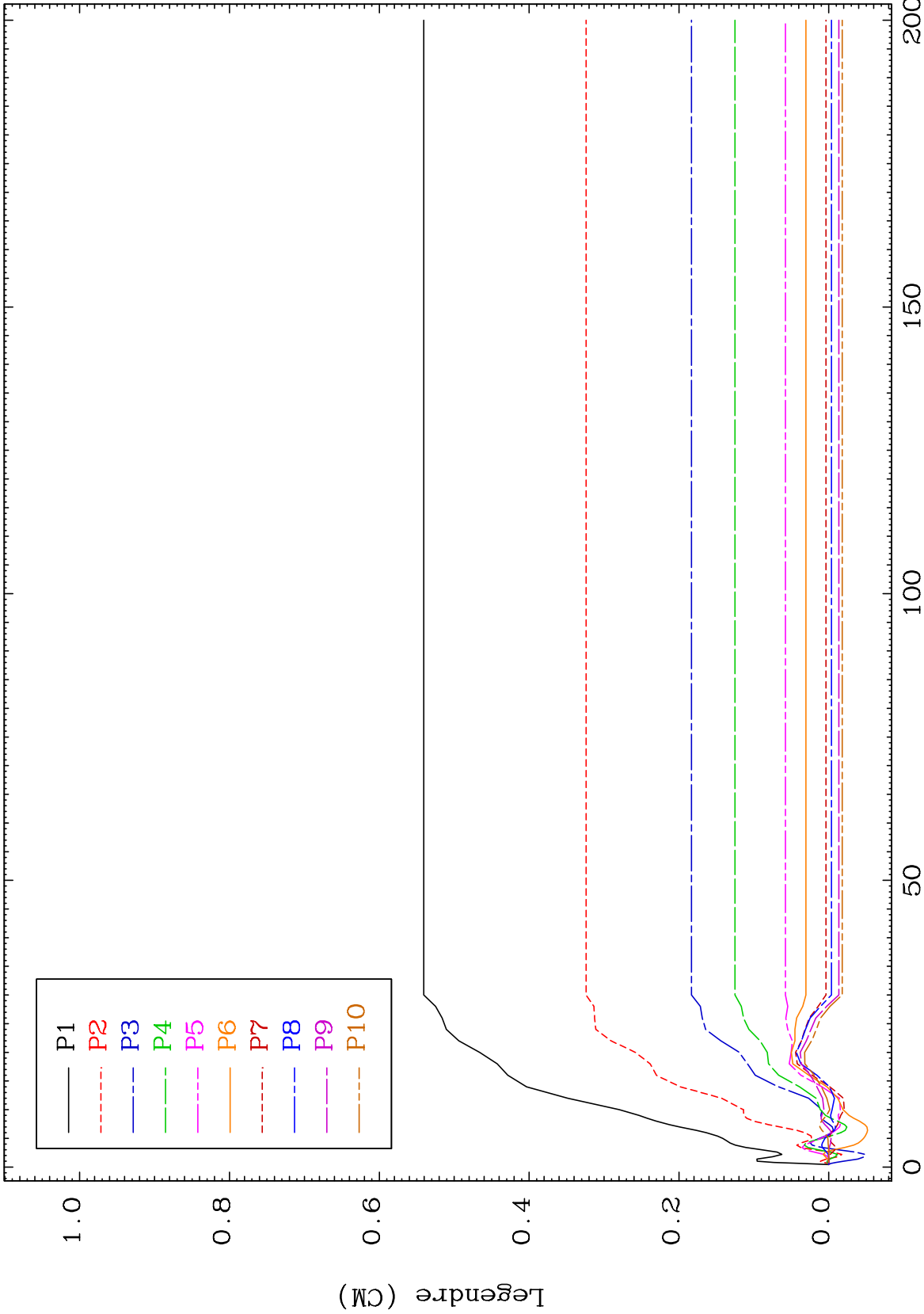
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



40

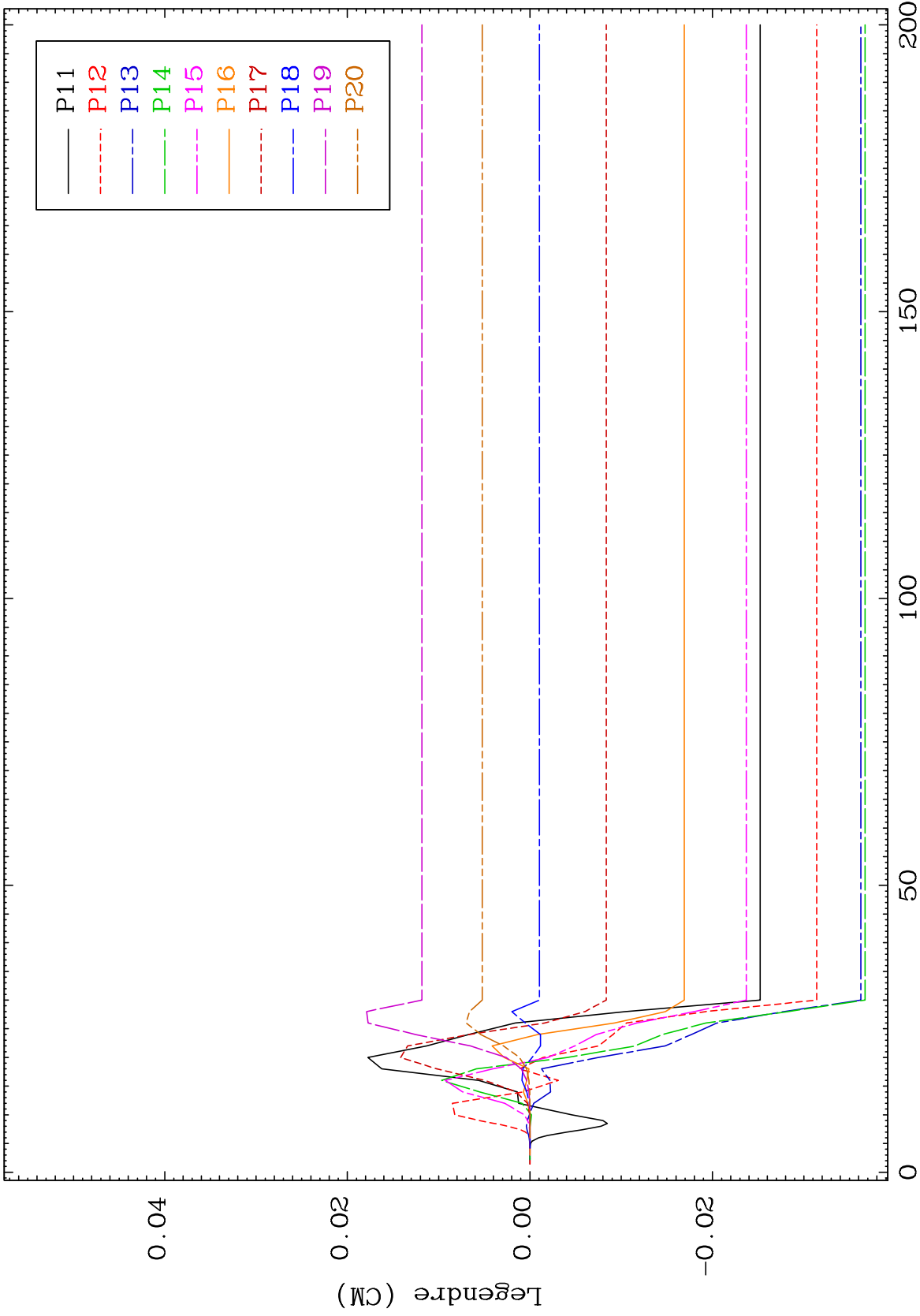
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



41

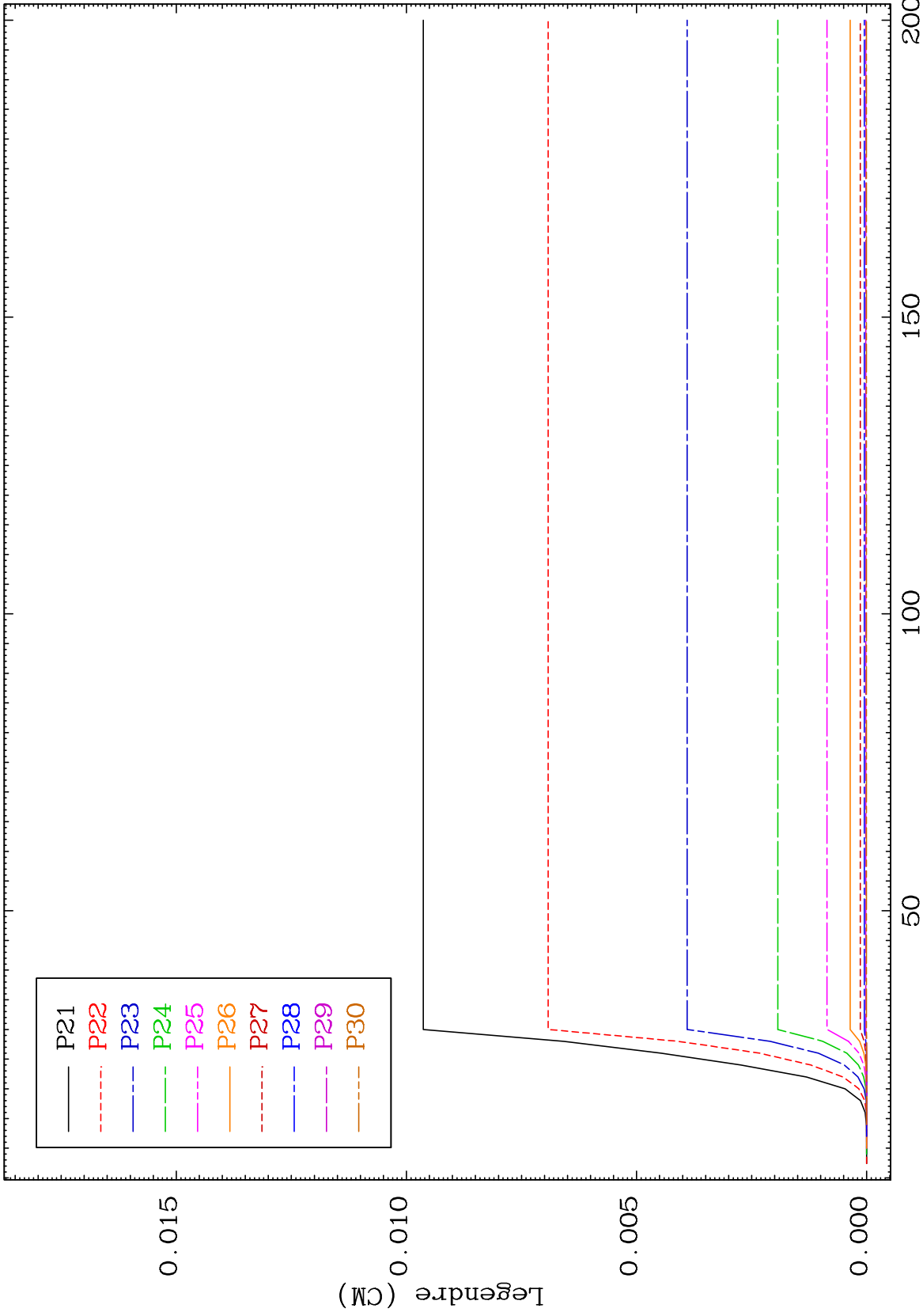
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



42

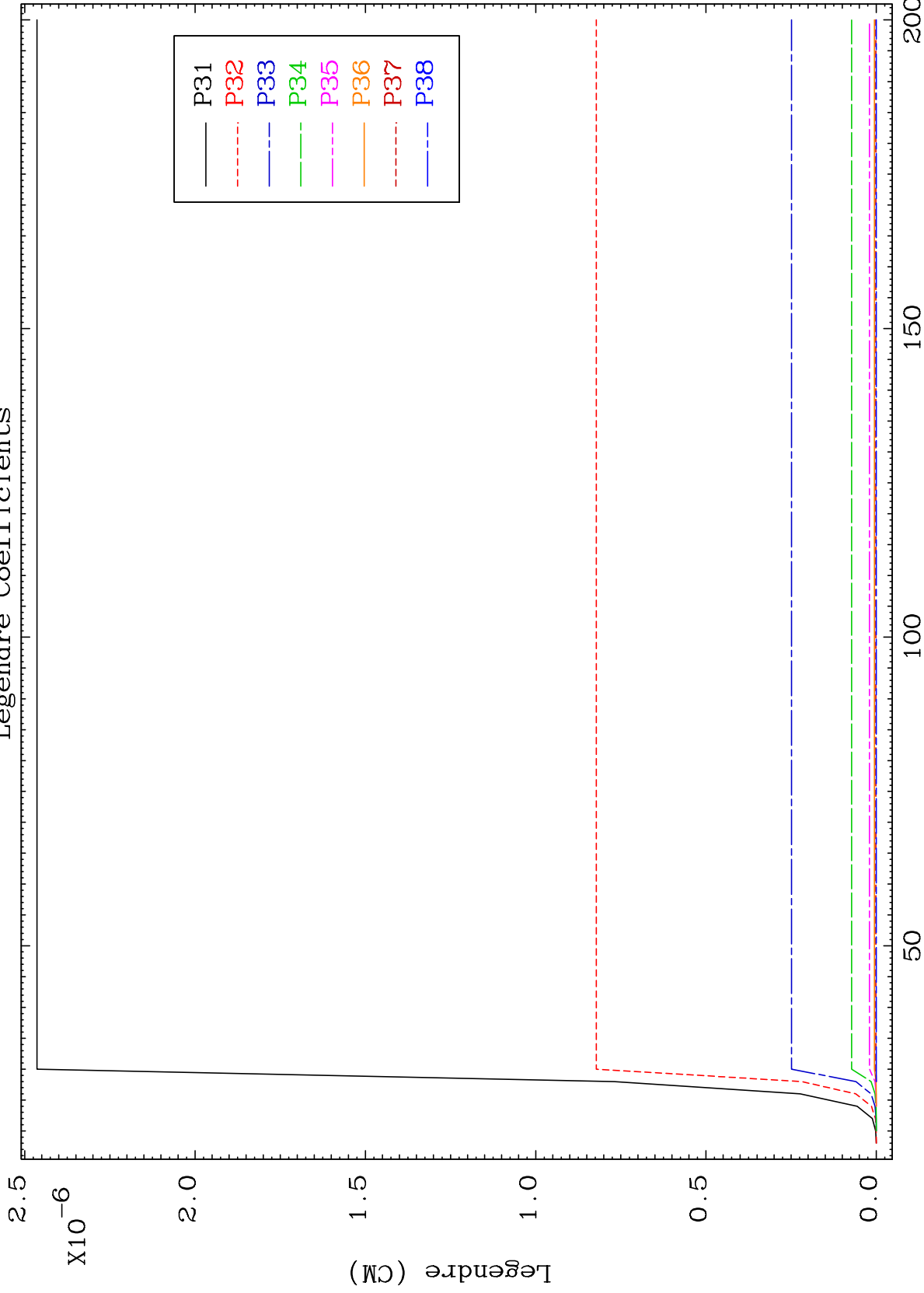
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



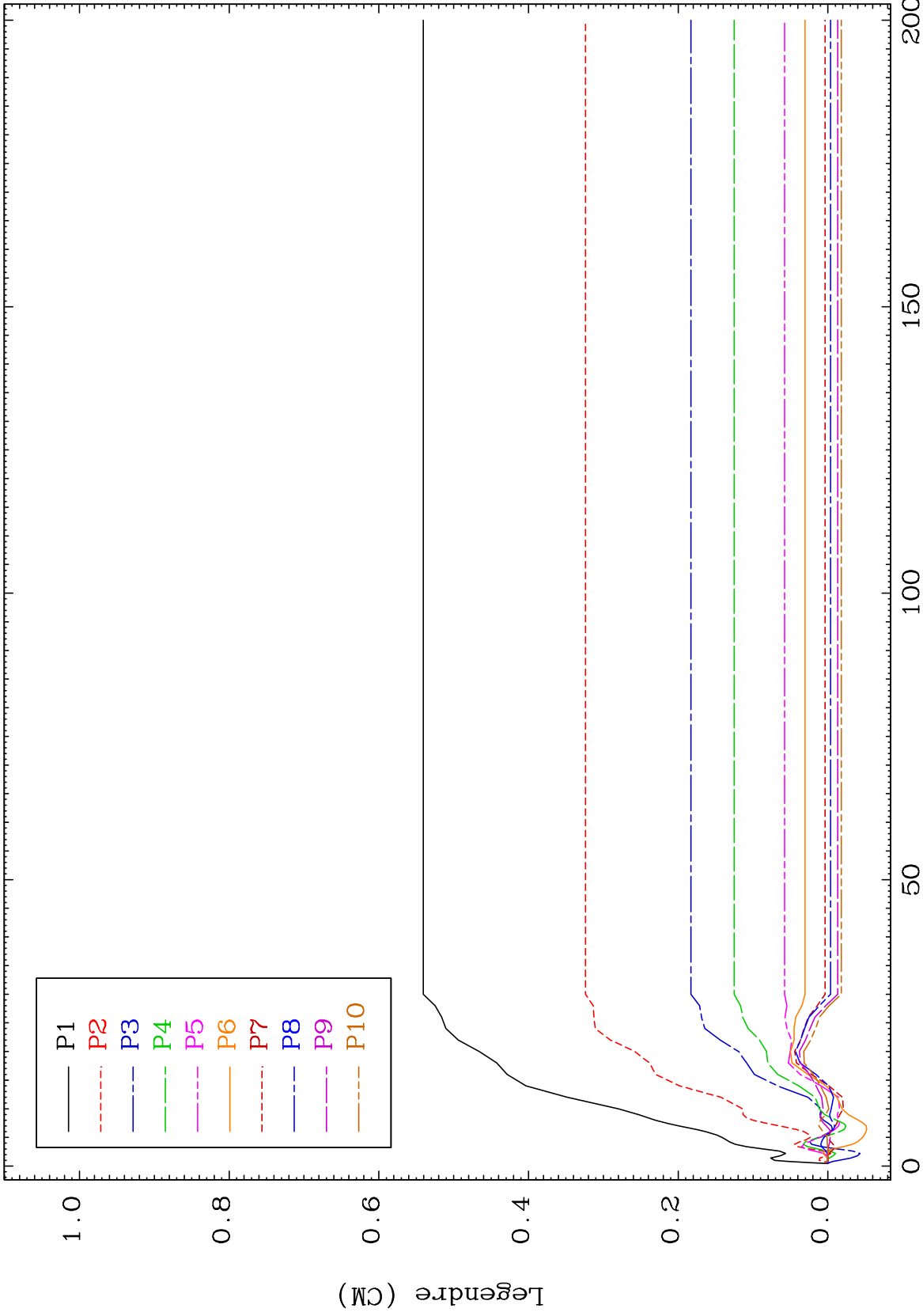
43

77-Ir-195

MAT 7737

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

77-Ir-195



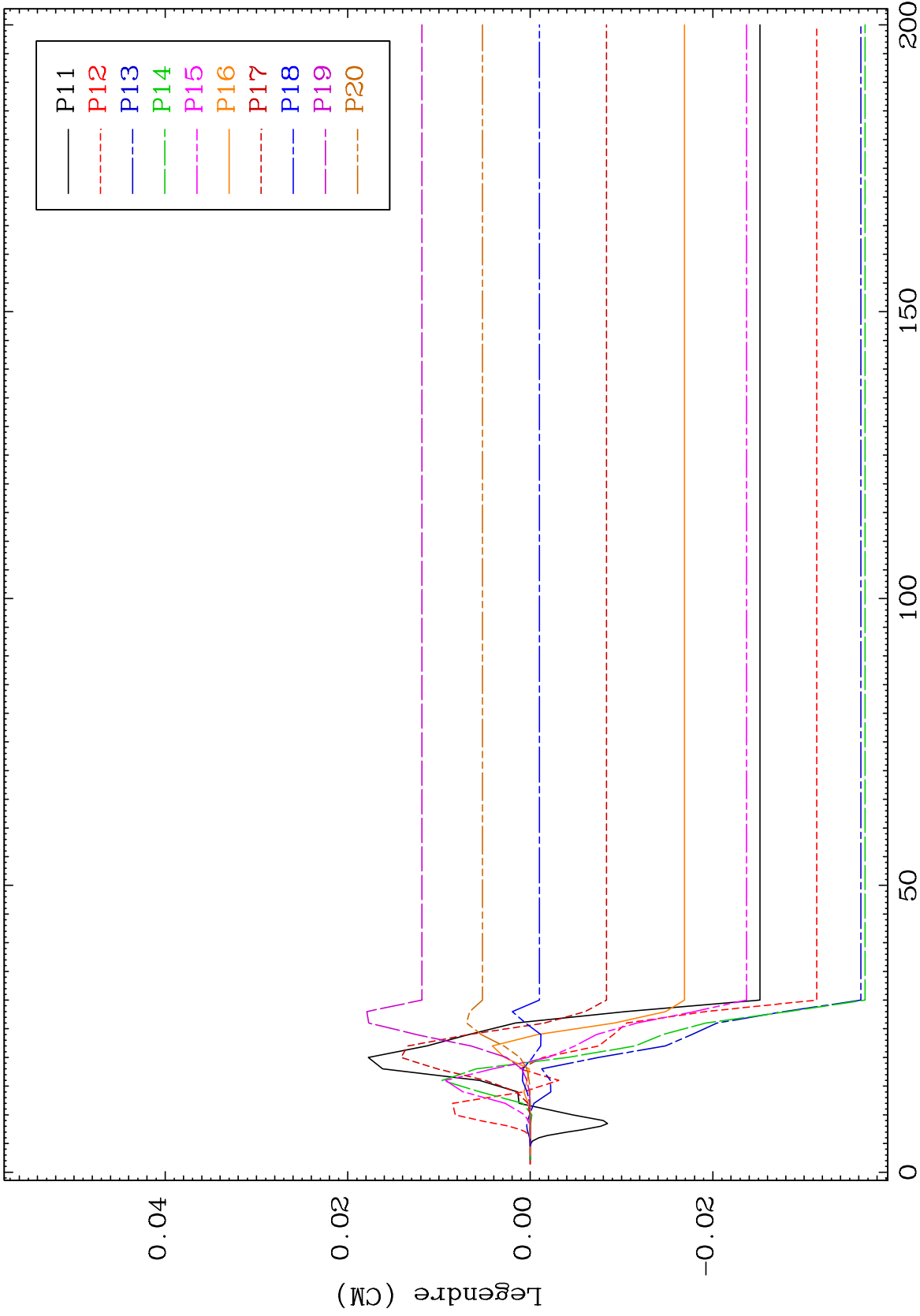
44

77-Ir-195

MAT 7737

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

77-Ir-195



45

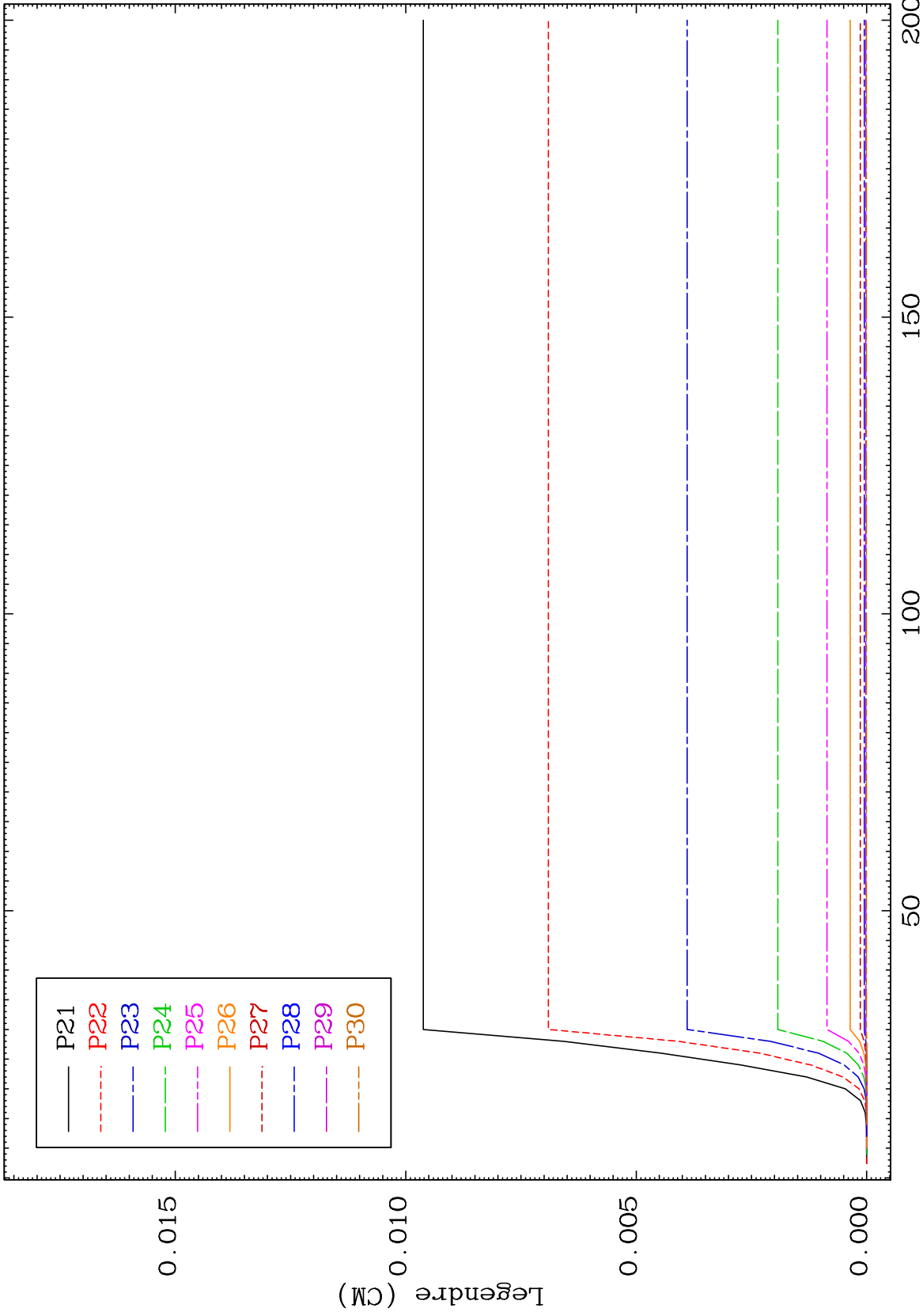
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



46

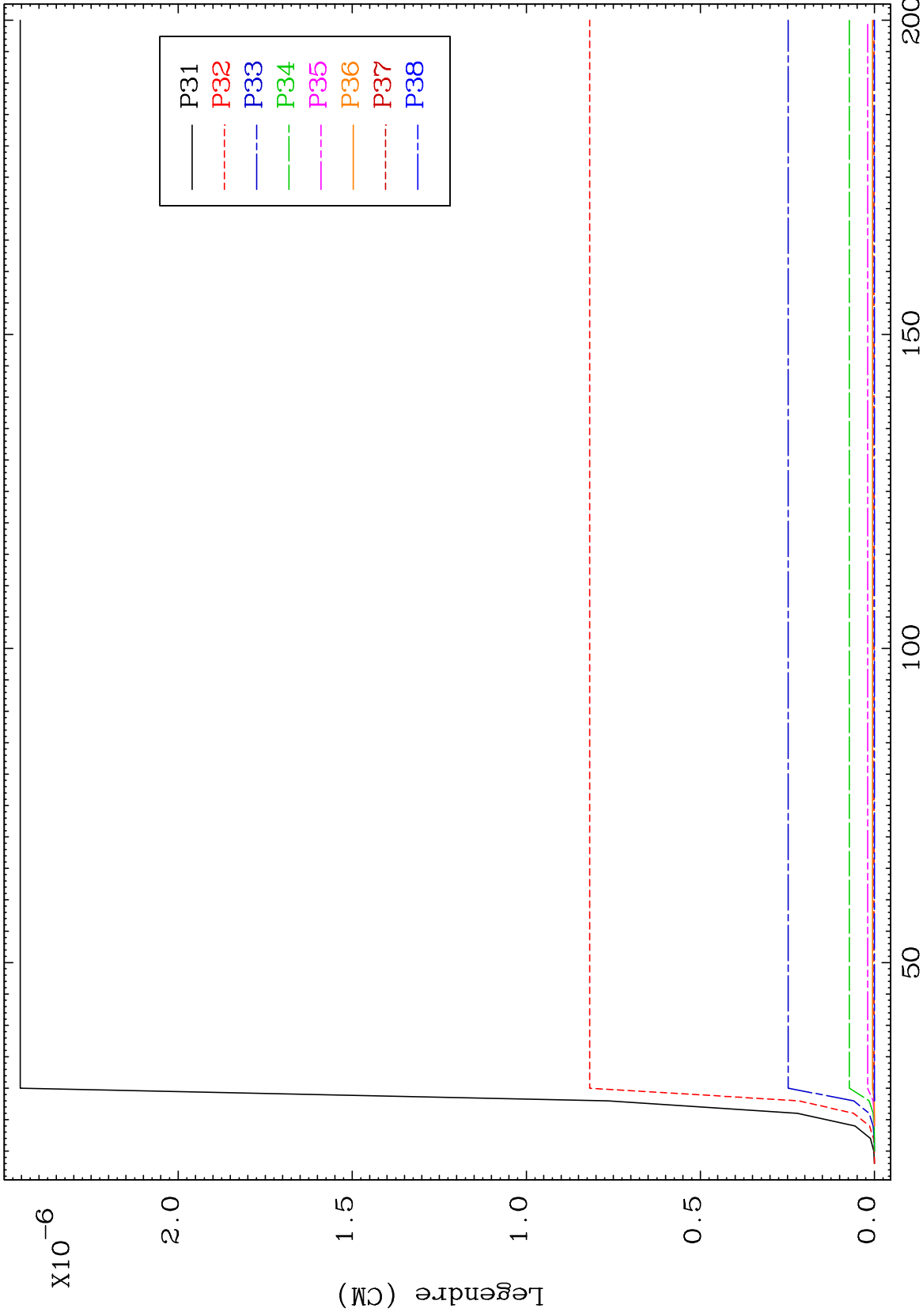
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195

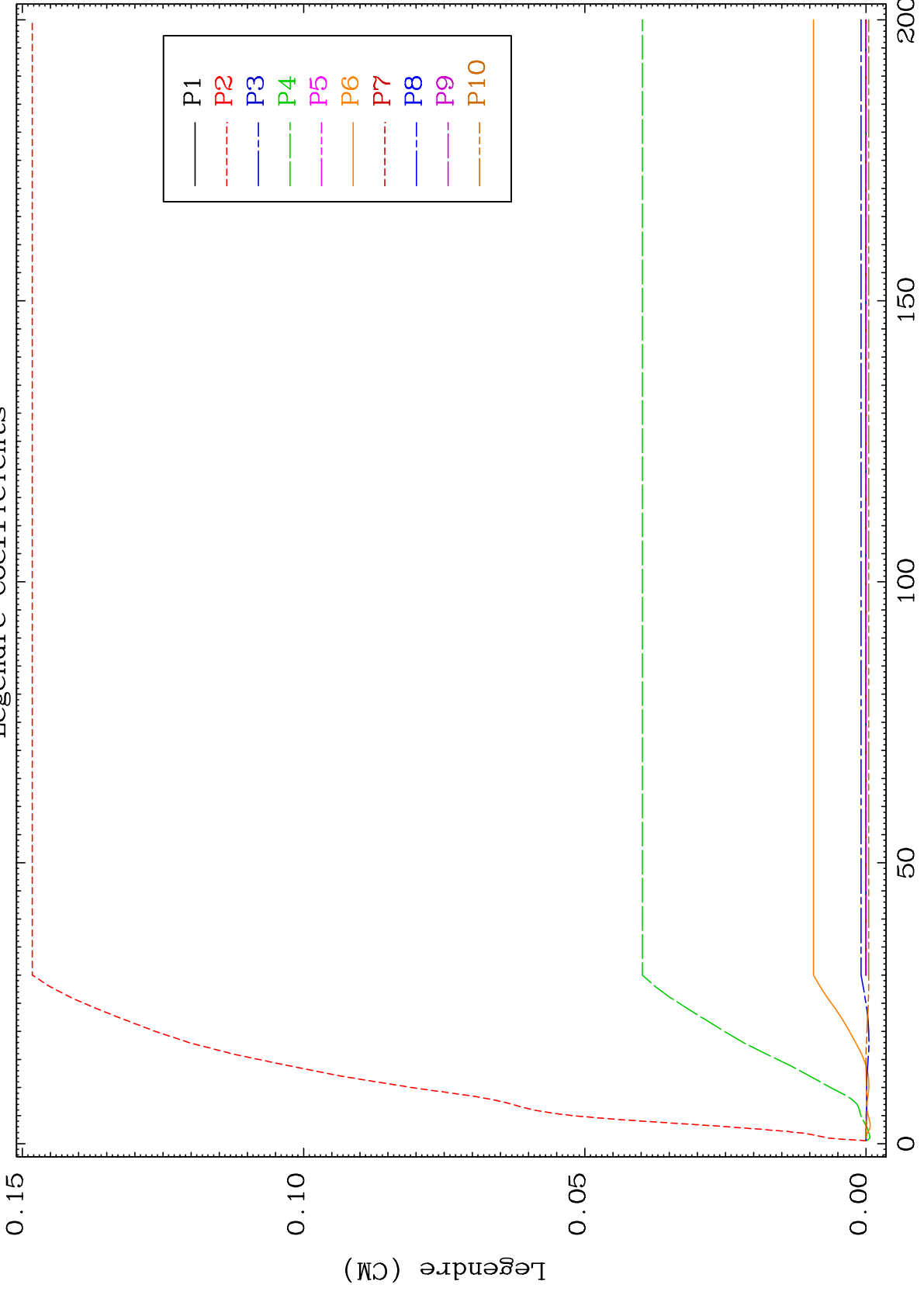


47

Incident Energy (MeV)

77-Ir-195

MAT 7737 MT= 59 (n,n') Level Legendre Coefficients 77-Ir-195

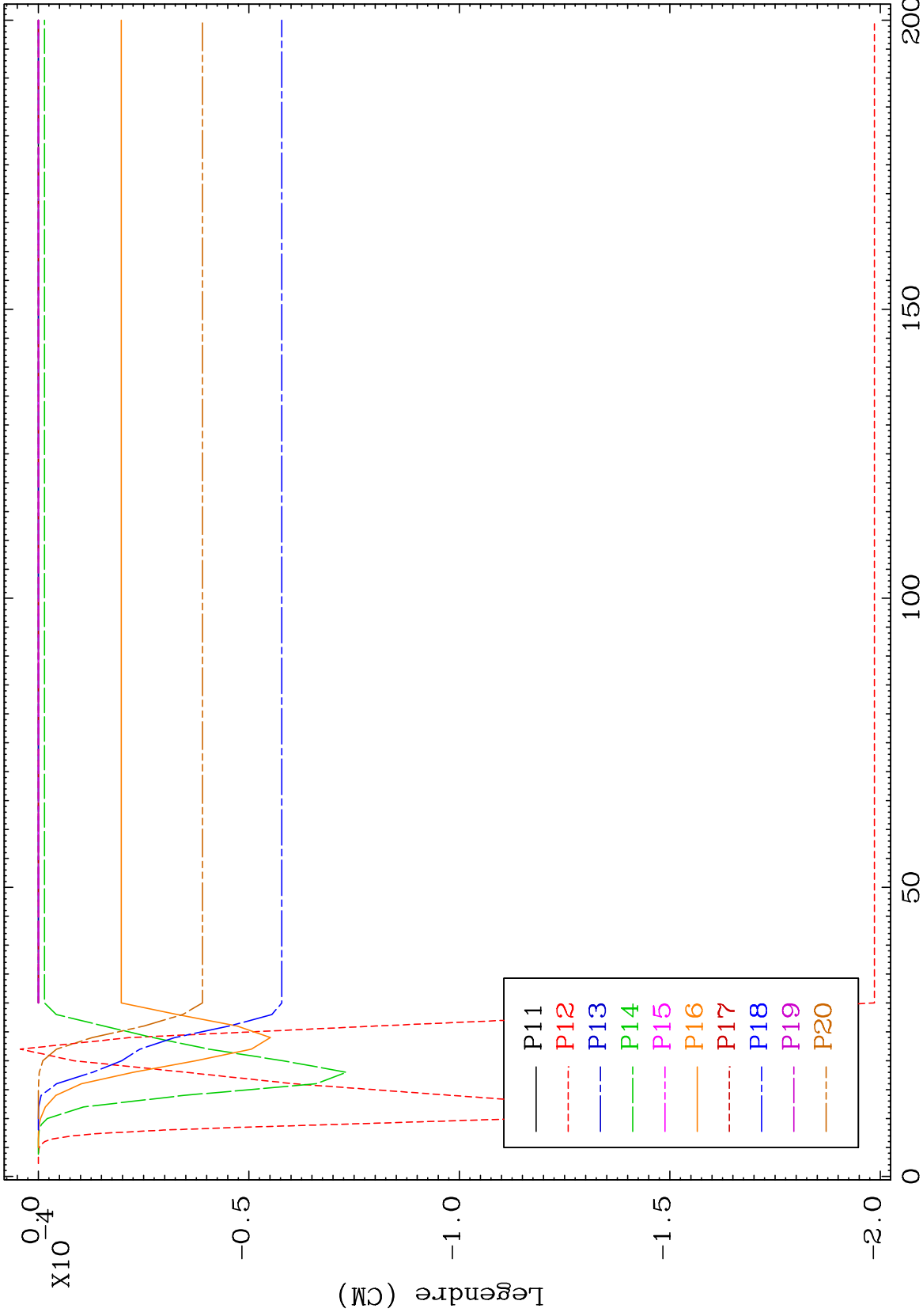


48 77-Ir-195

MAT 7737

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

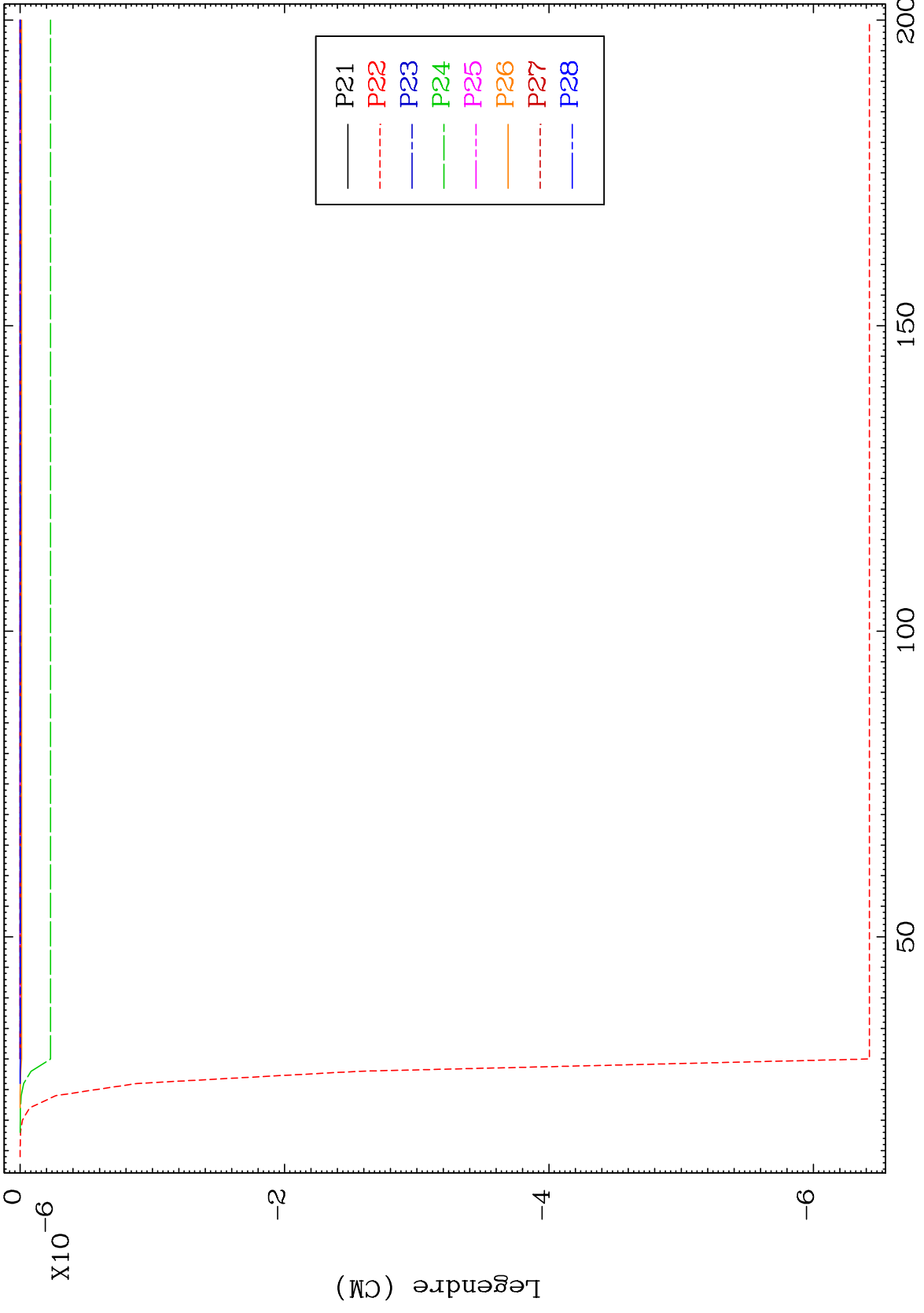
77-Ir-195



49

77-Ir-195

MAT 7737 MT= 59 (n,n') Level Legendre Coefficients 77-Ir-195

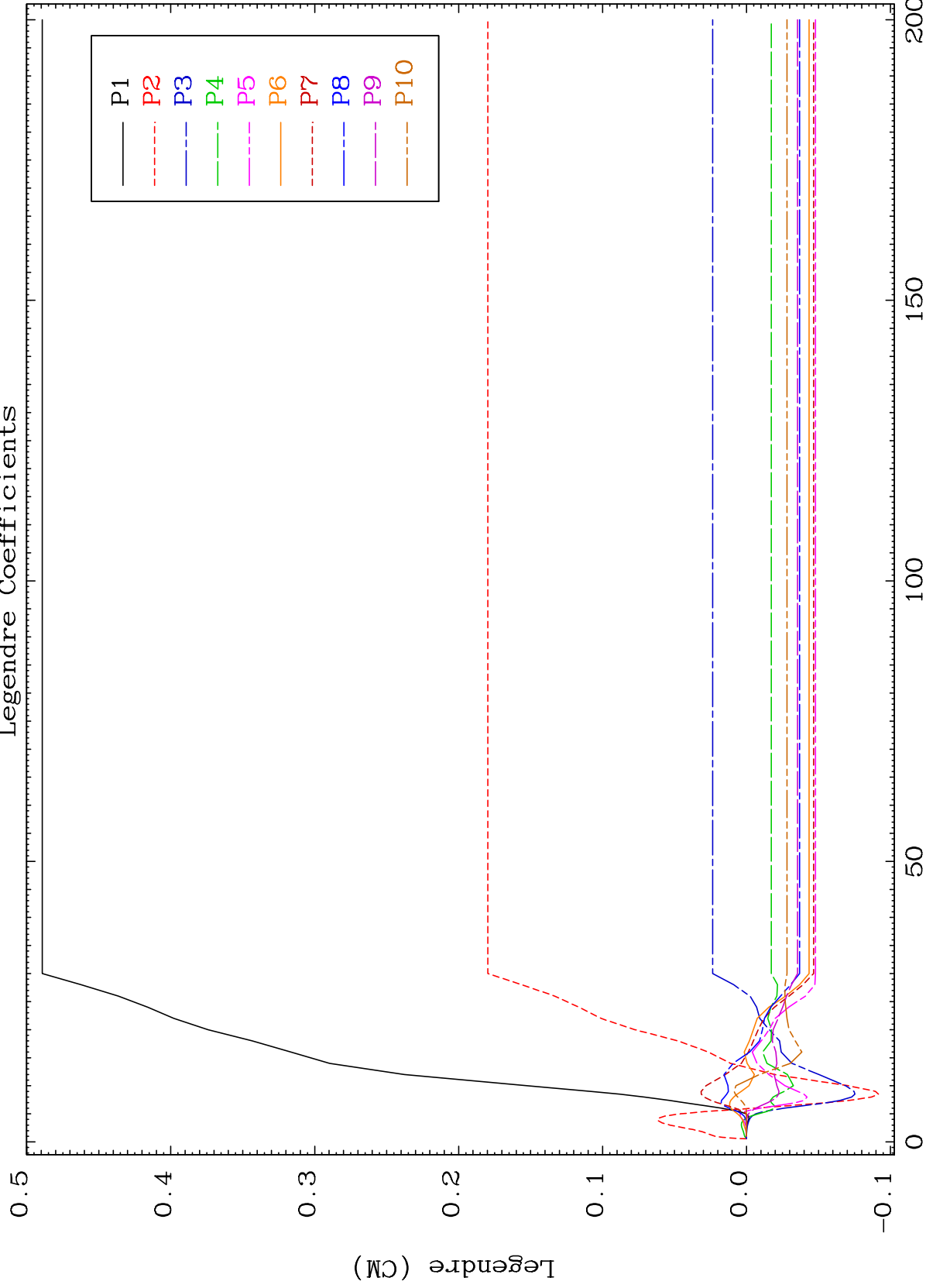


50 Incident Energy (MeV) 77-Ir-195

MAT 7737

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

77-Ir-195



51

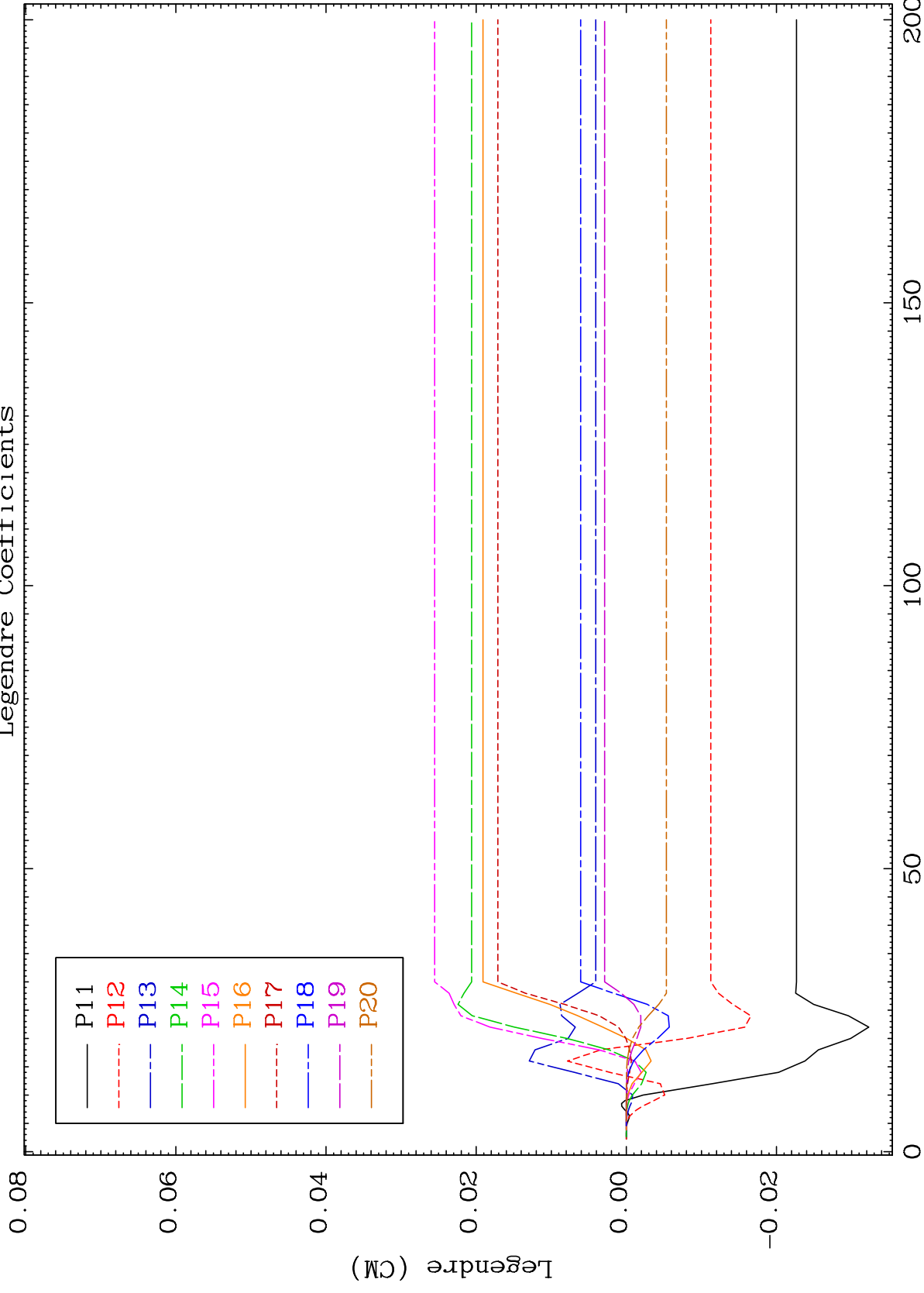
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



52

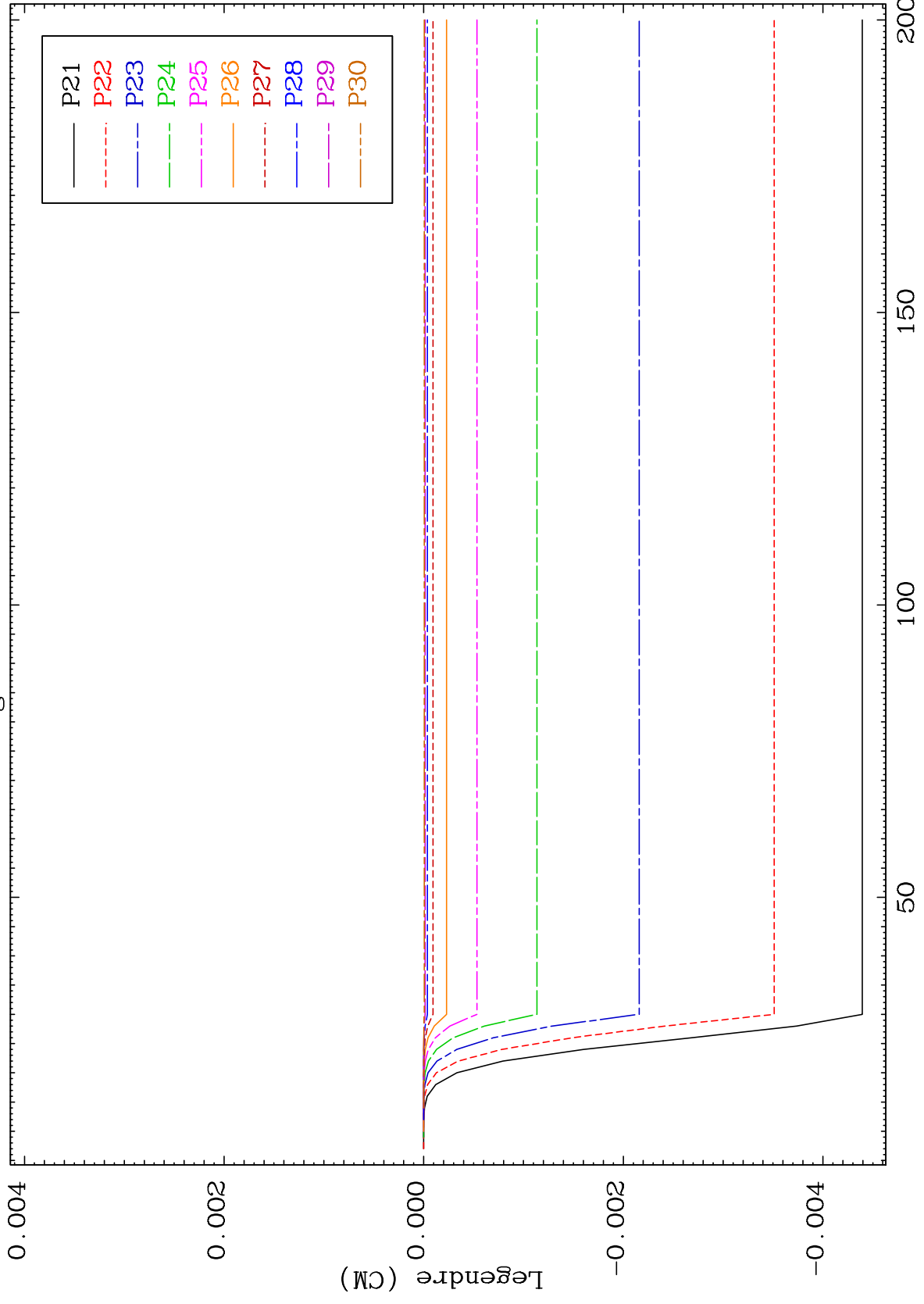
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



53

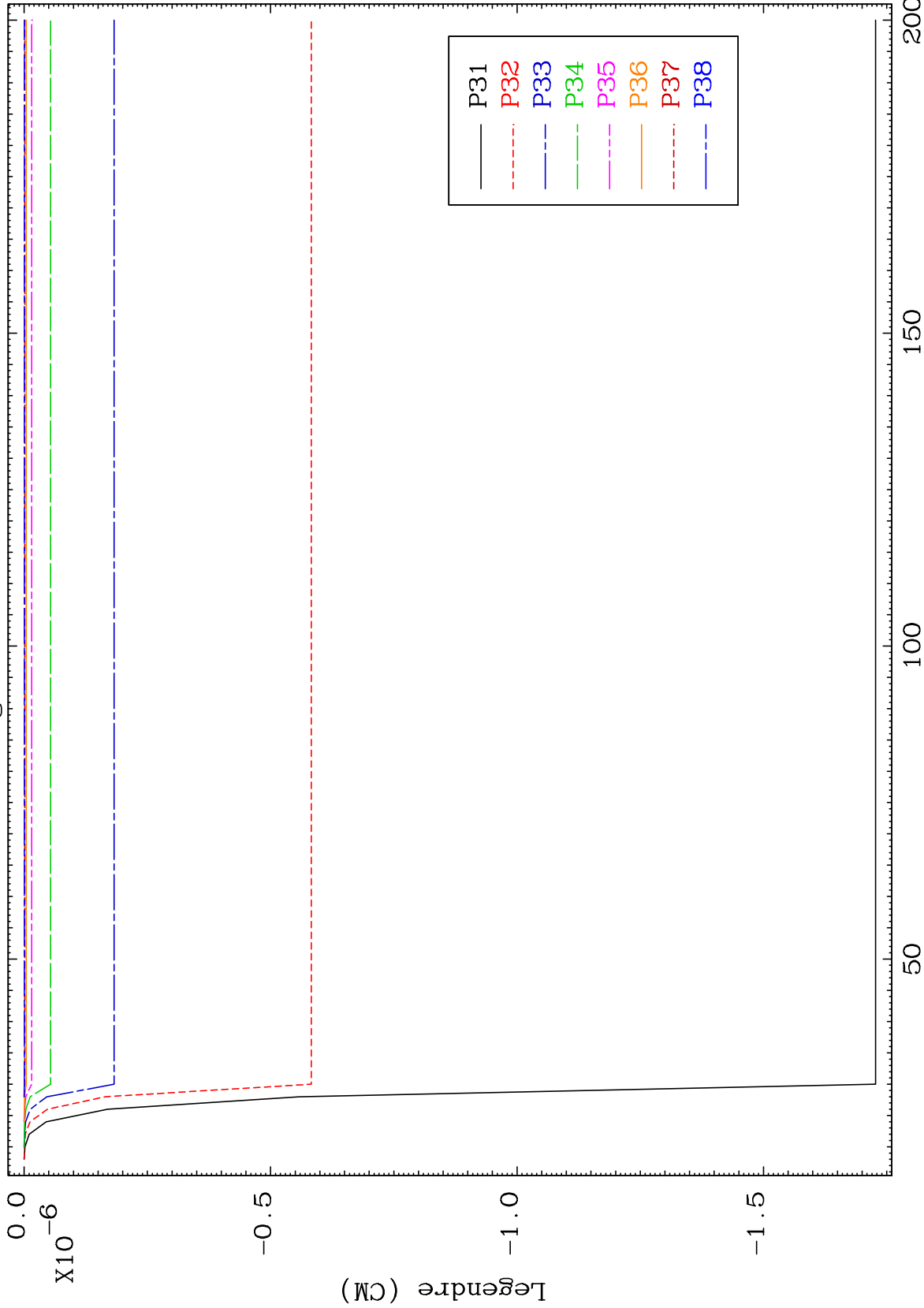
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



54

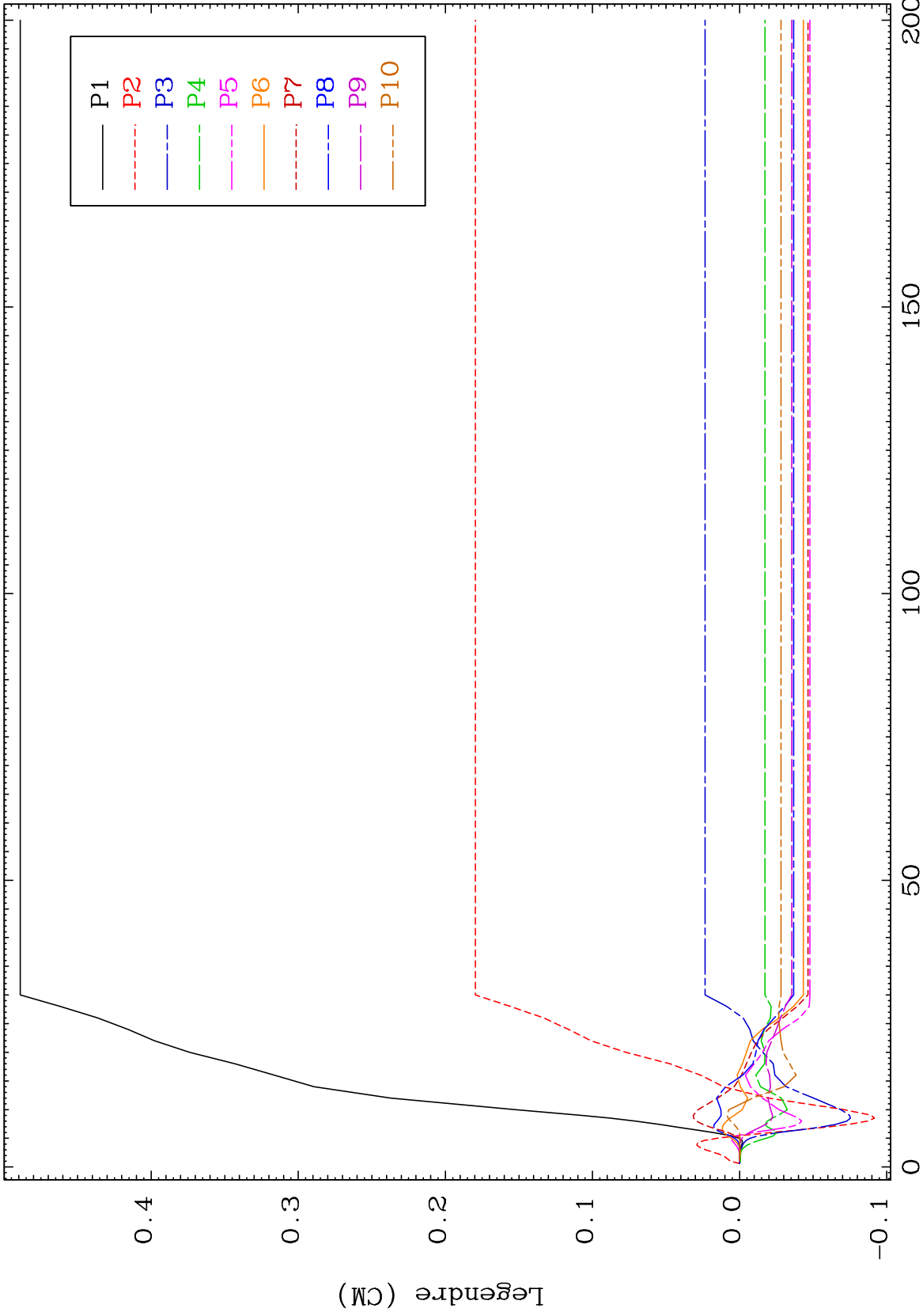
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195

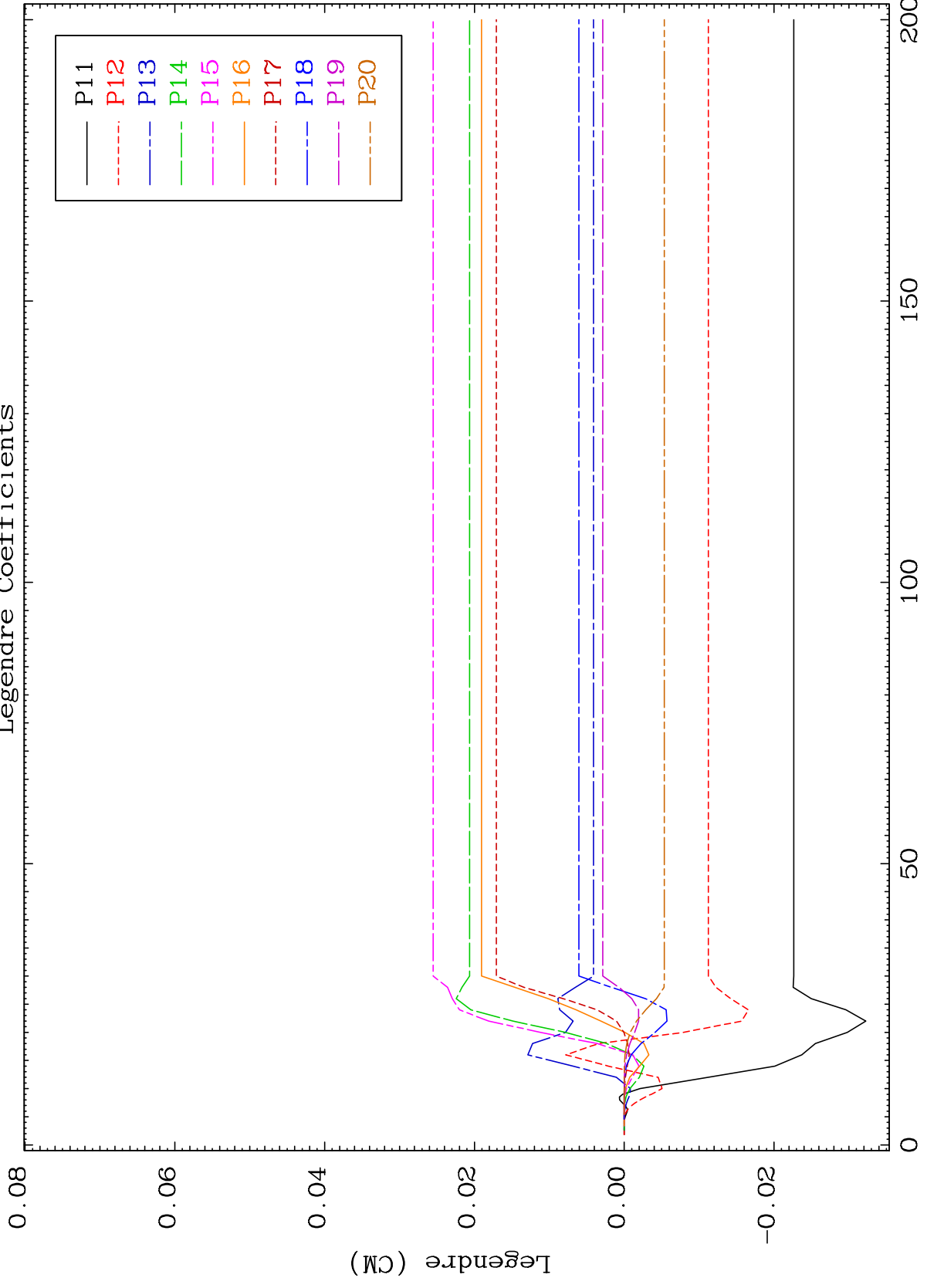


55

Incident Energy (MeV)

77-Ir-195

MAT 7737 MT= 61 (n,n') Level Legendre Coefficients 77-Ir-195

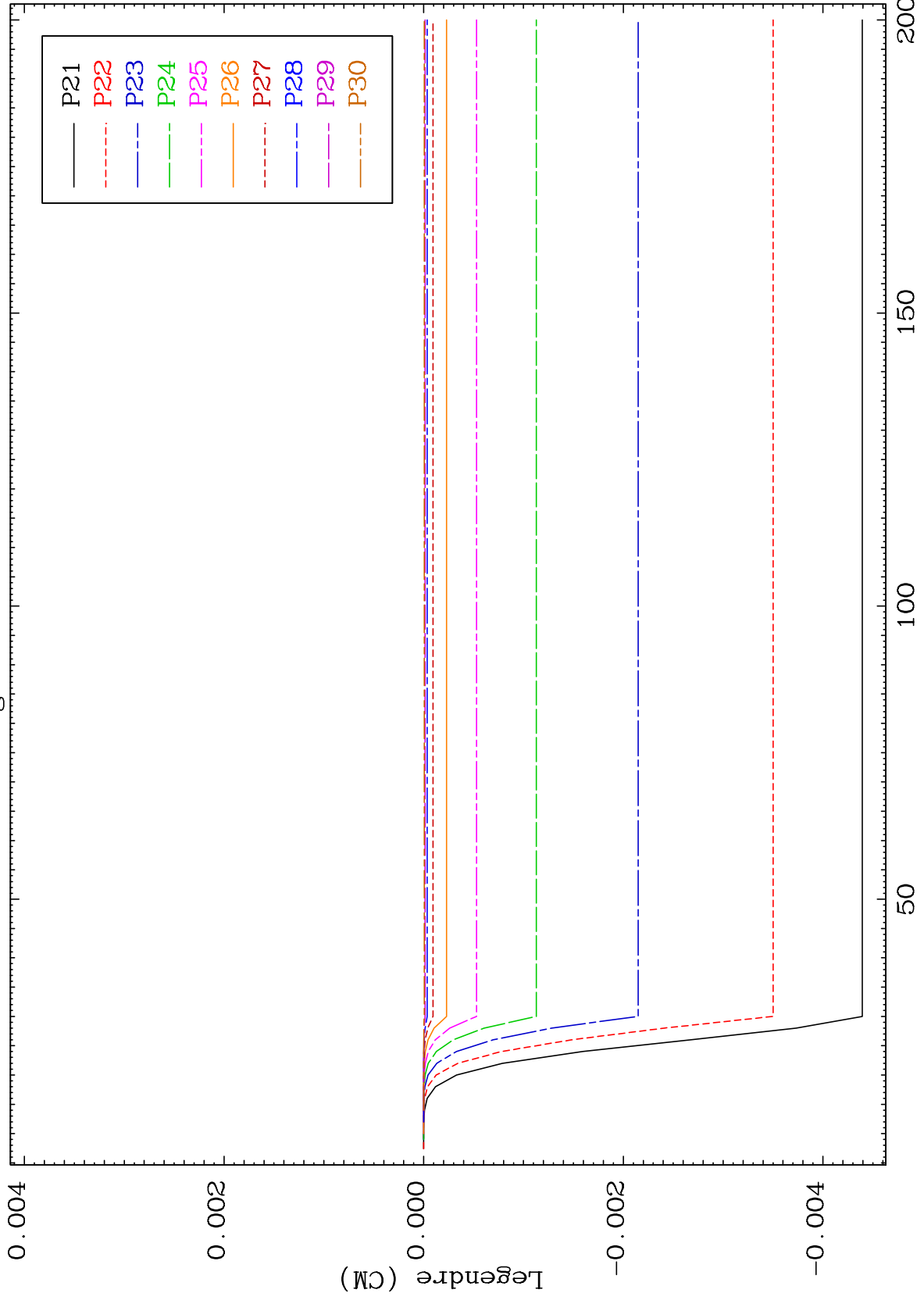


56 77-Ir-195

MAT 7737

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

77-Ir-195



57

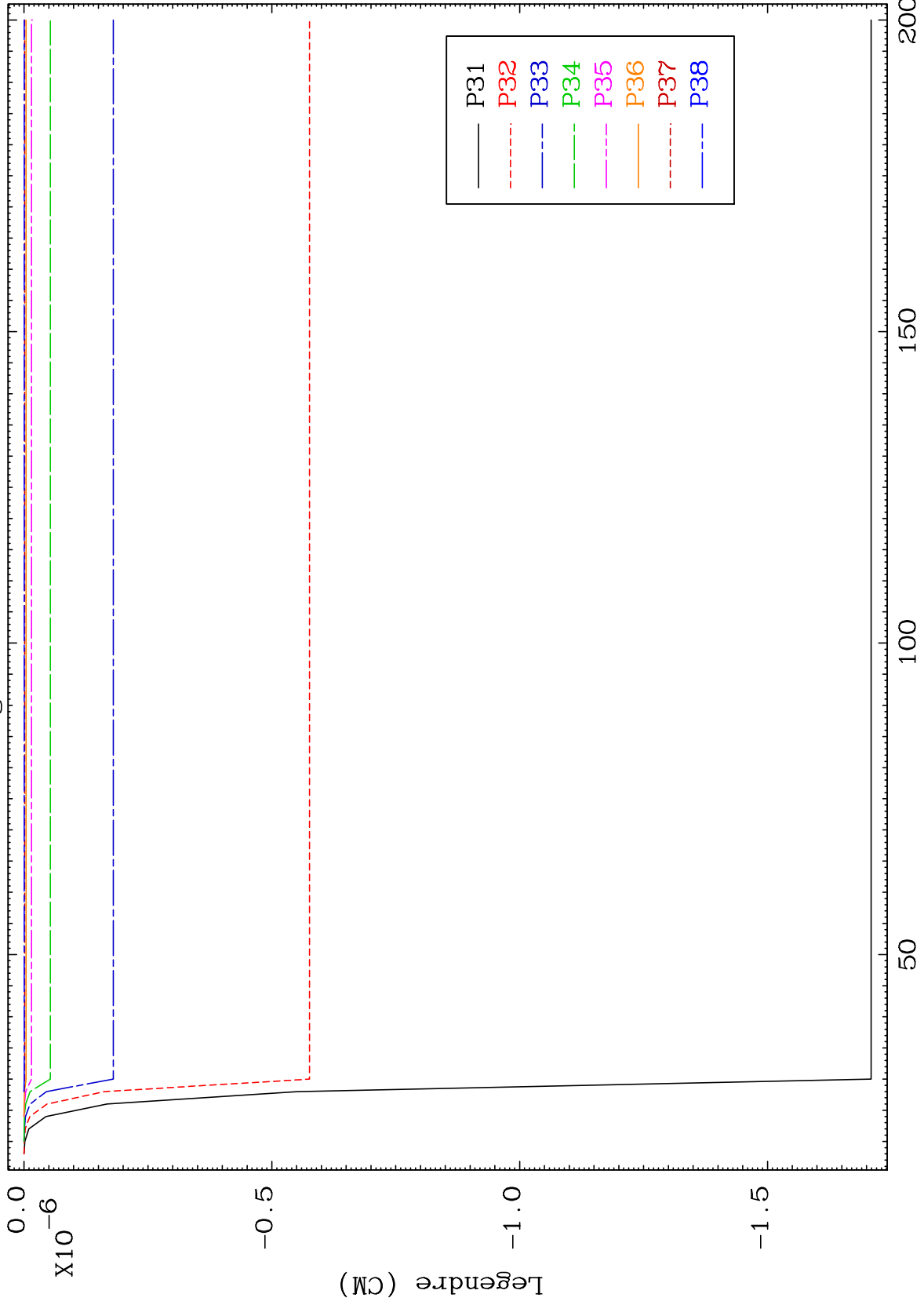
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



77-Ir-195

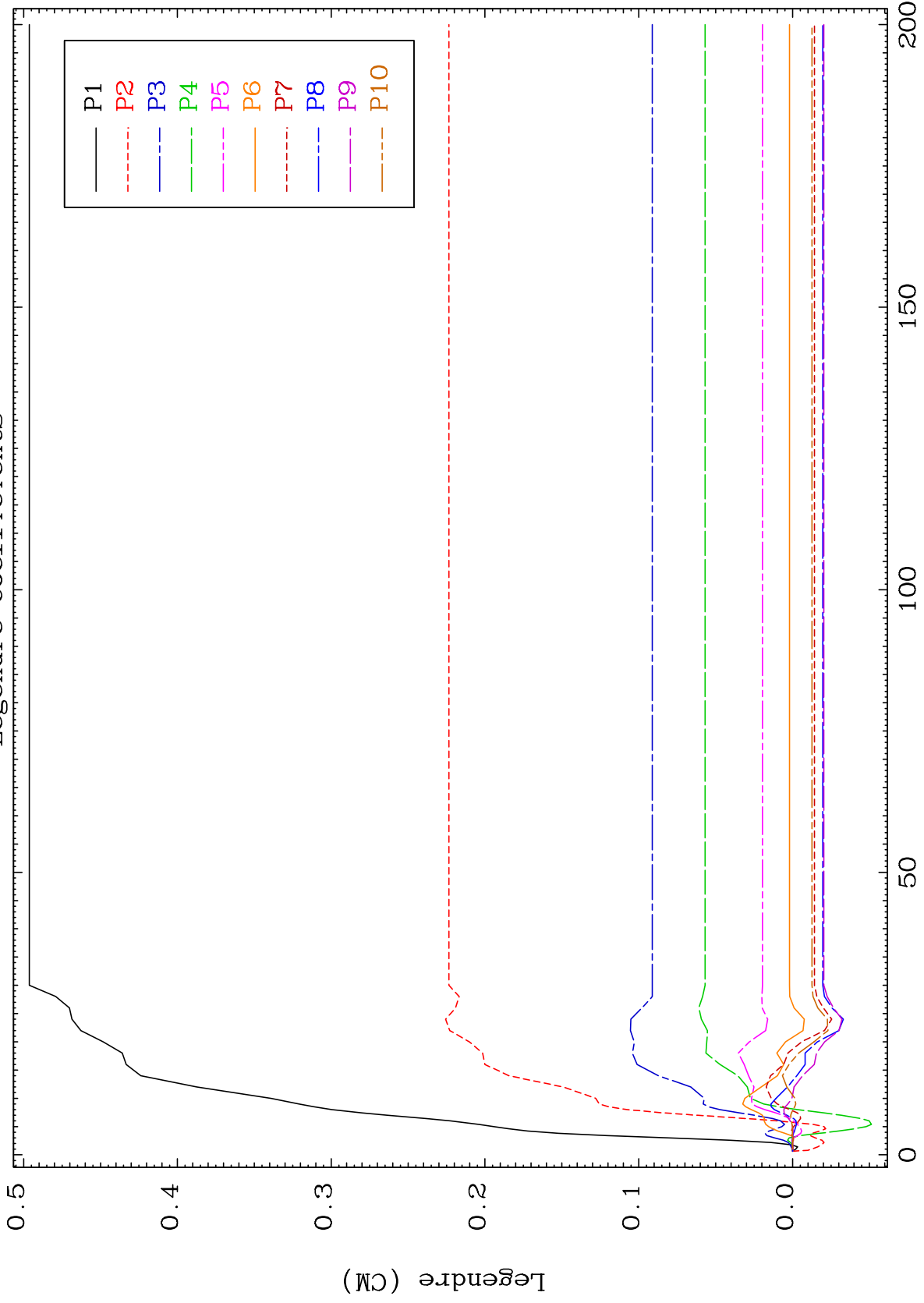
Incident Energy (MeV)

58

MAT 7737

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

77-Ir-195



59

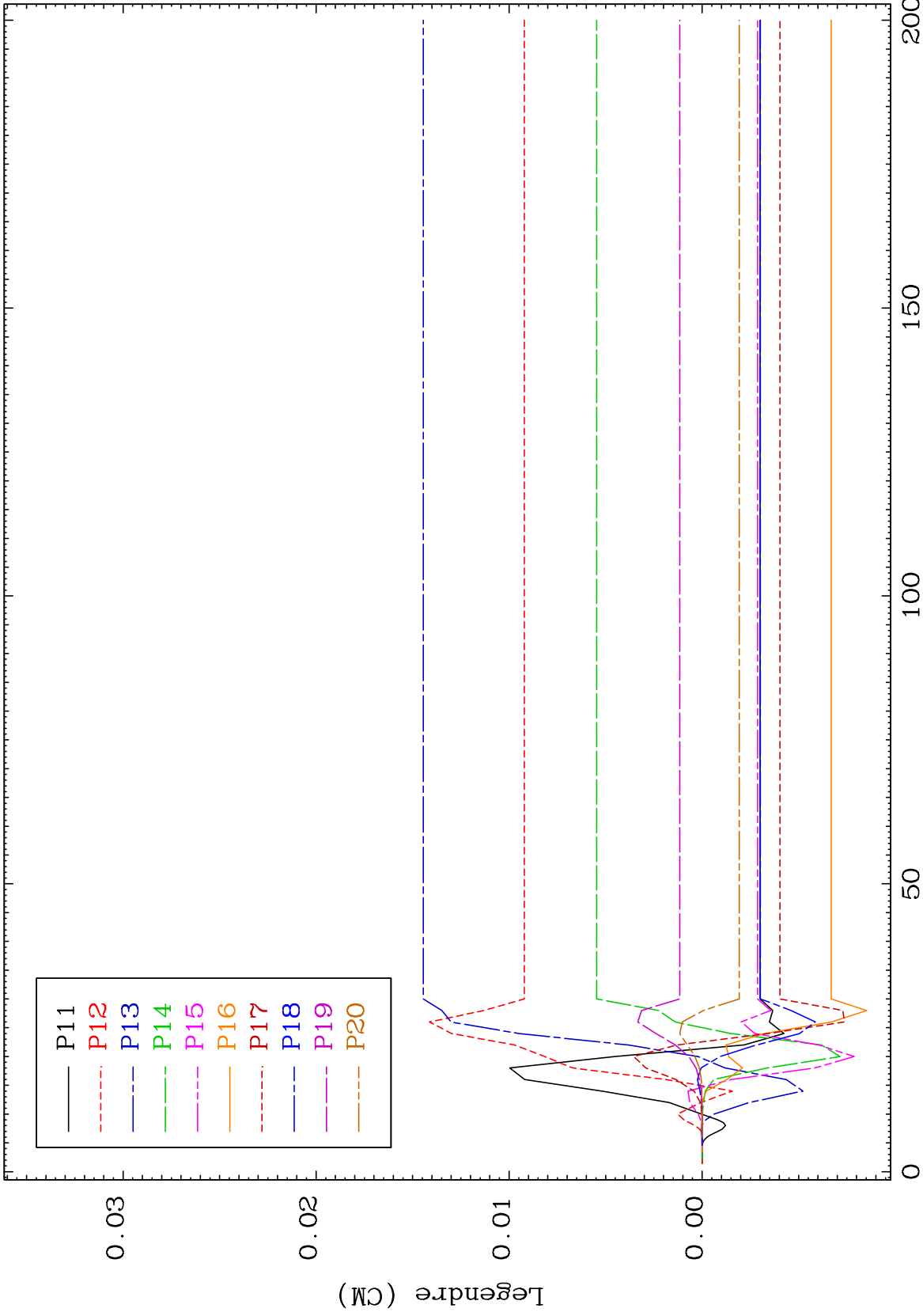
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



60

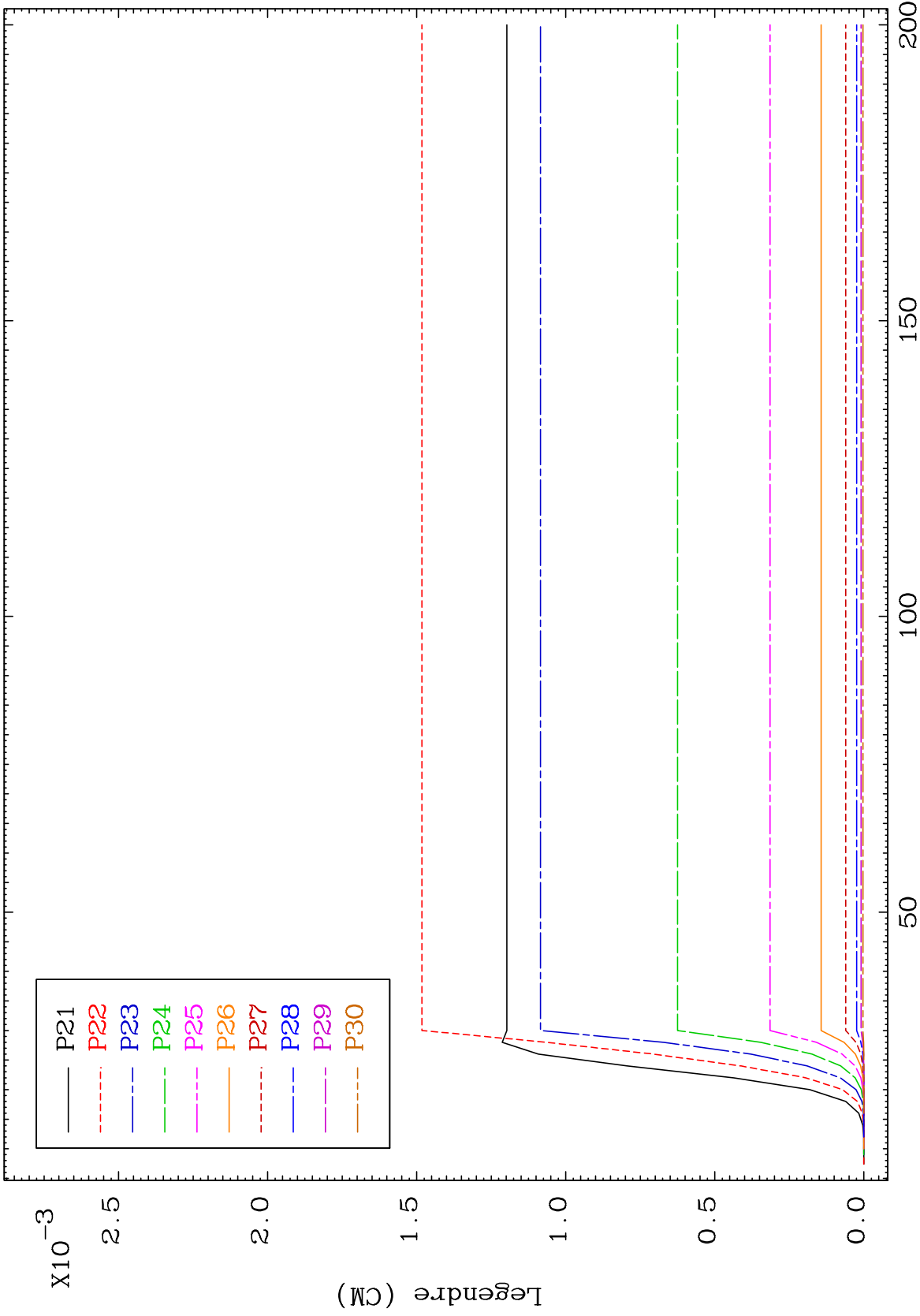
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



61

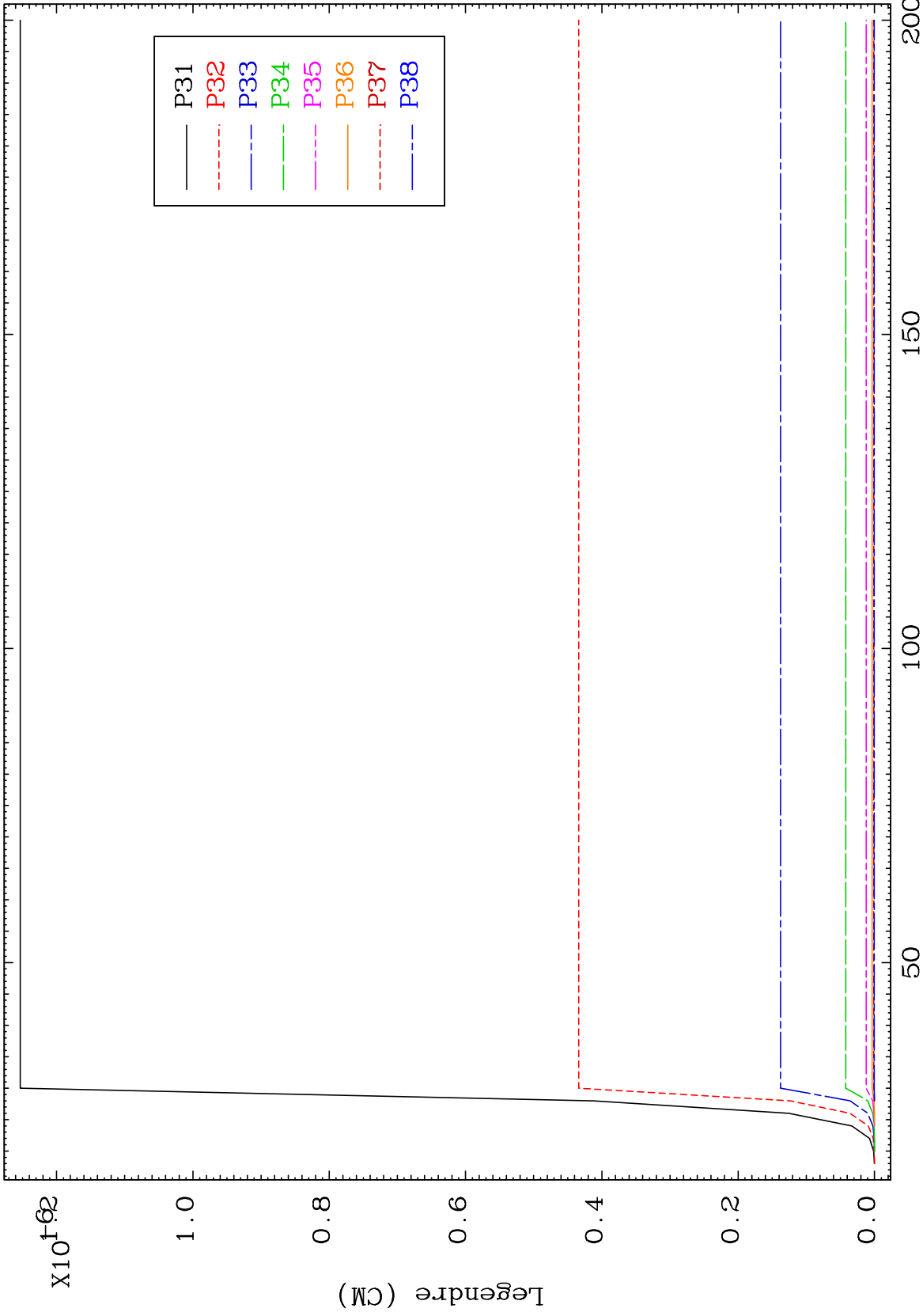
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



62

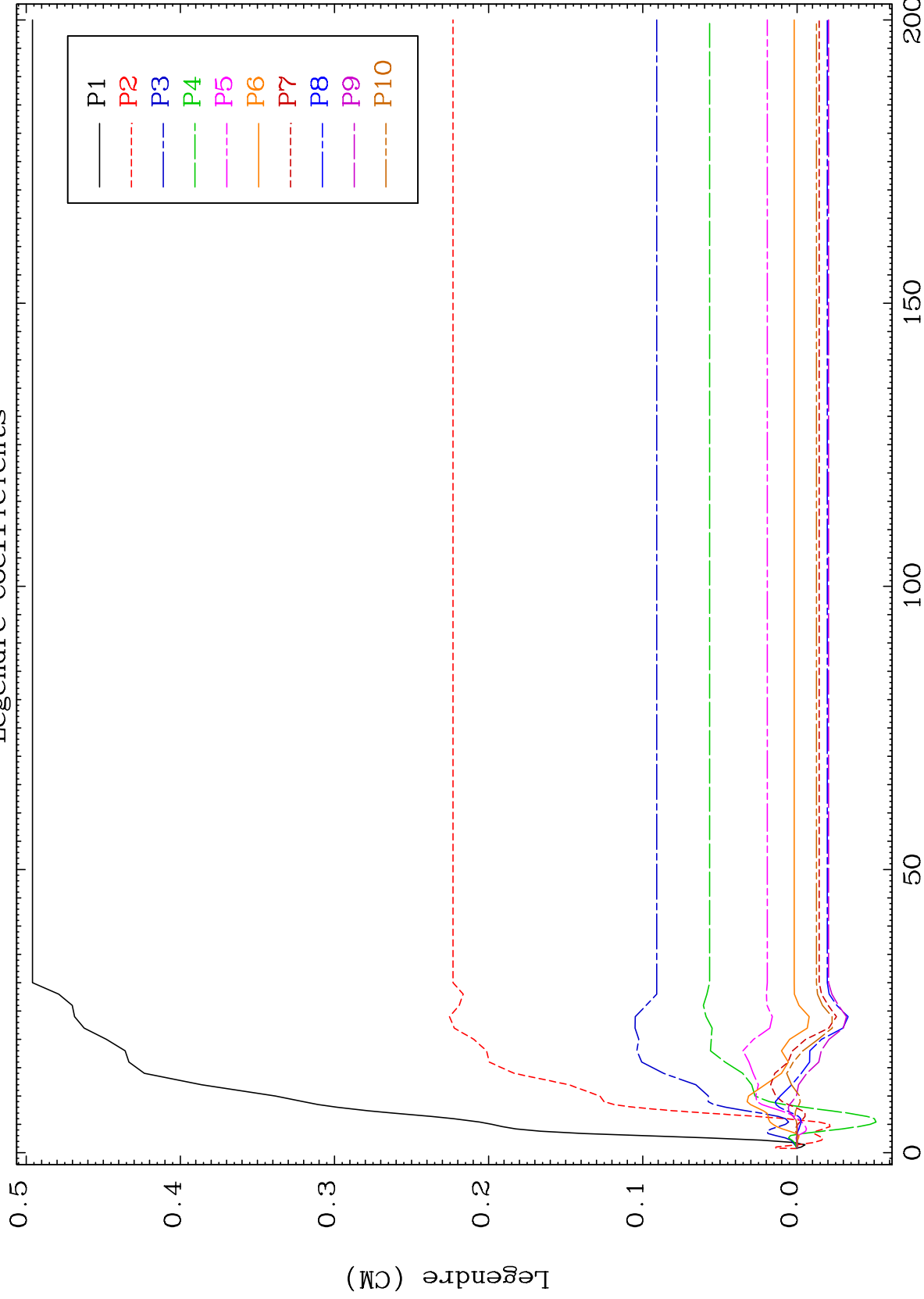
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



63

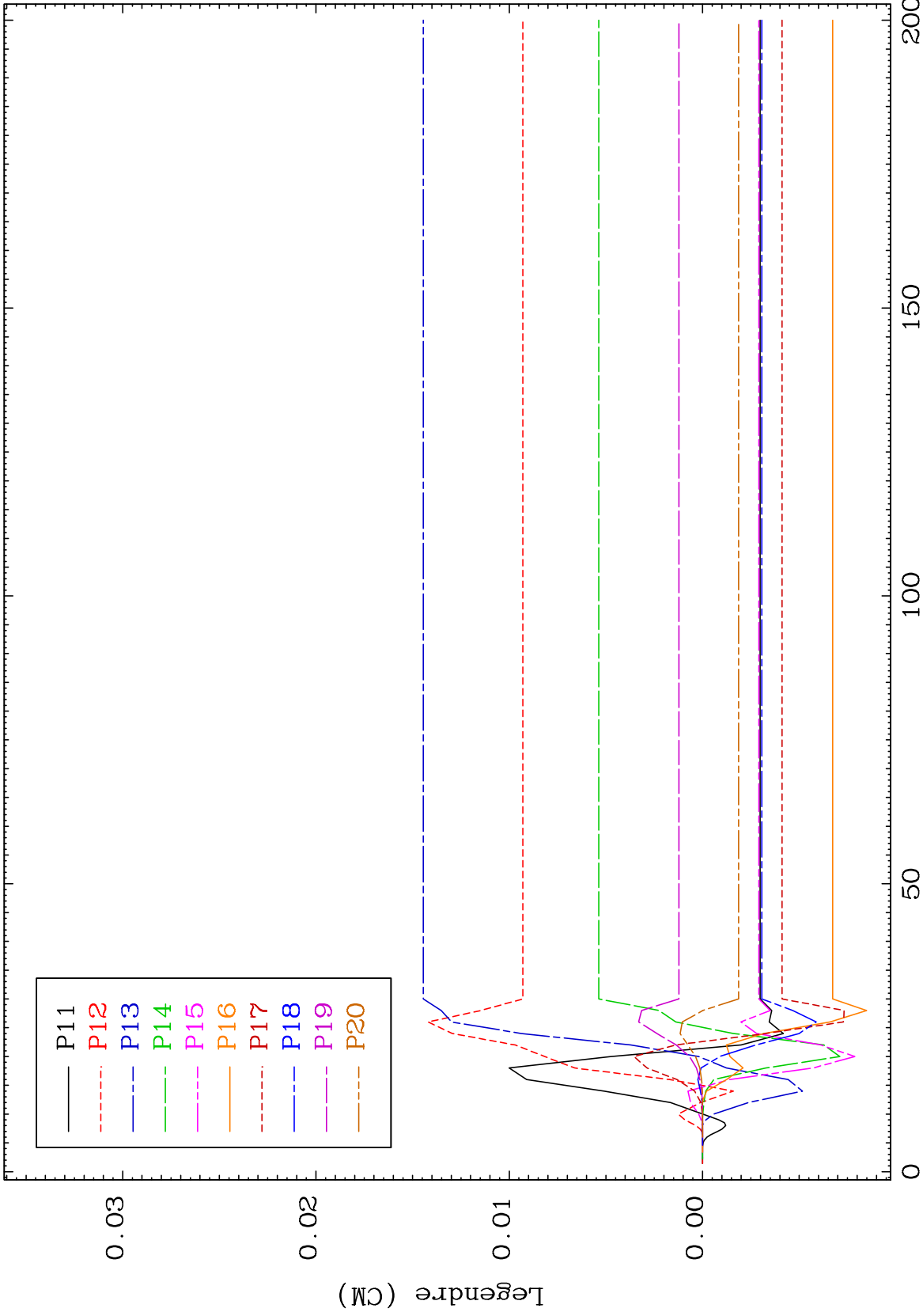
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



64

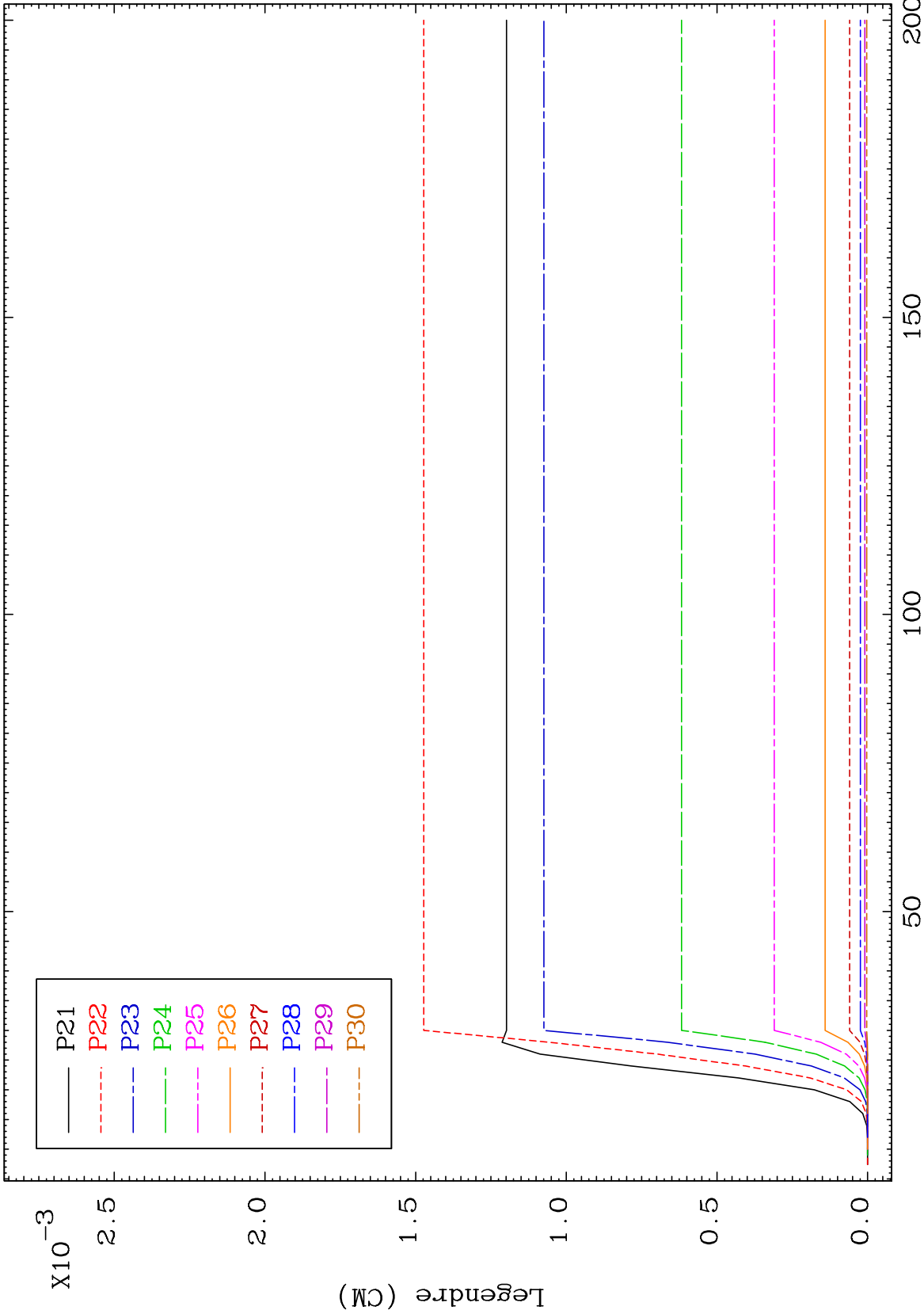
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



65

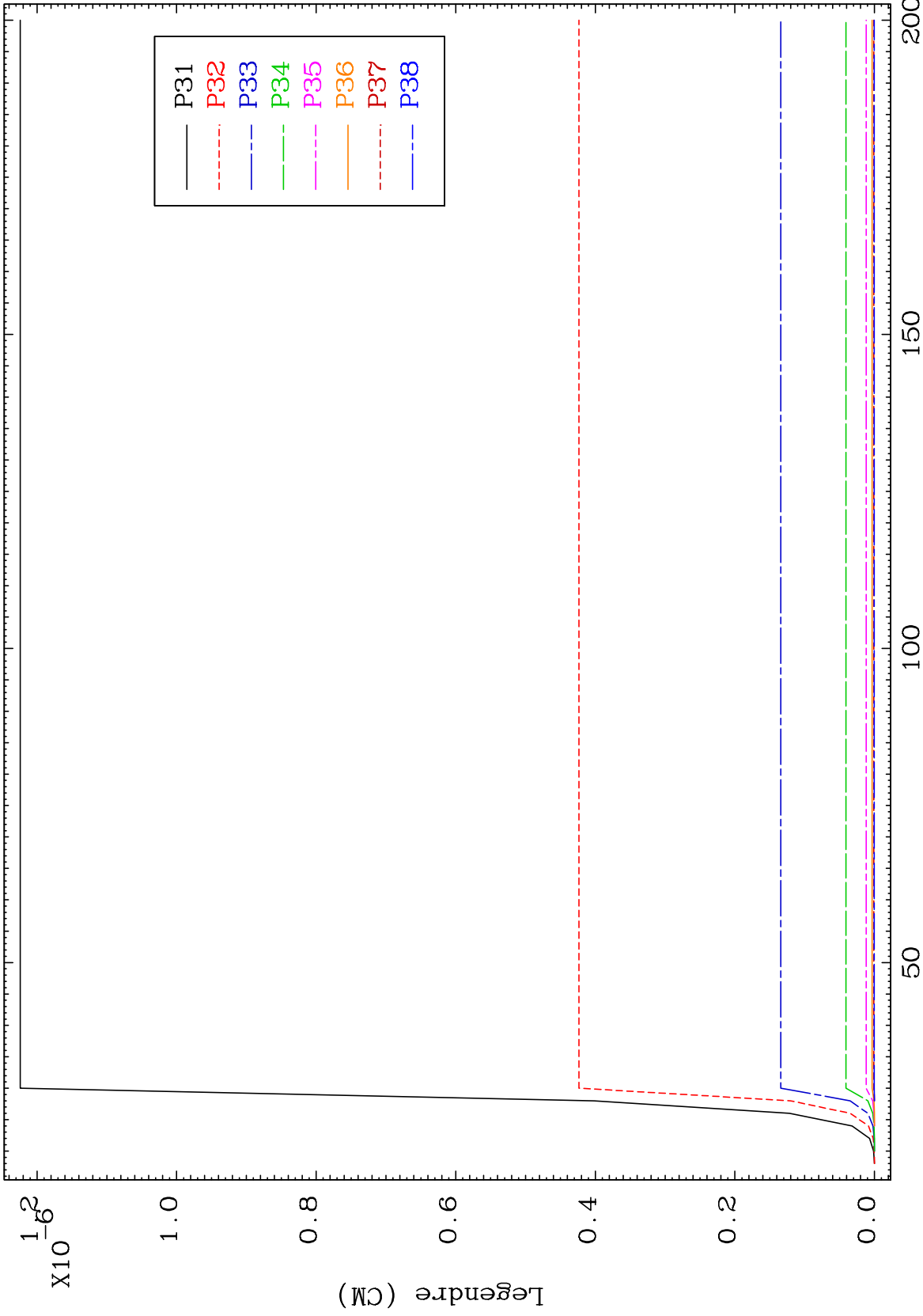
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



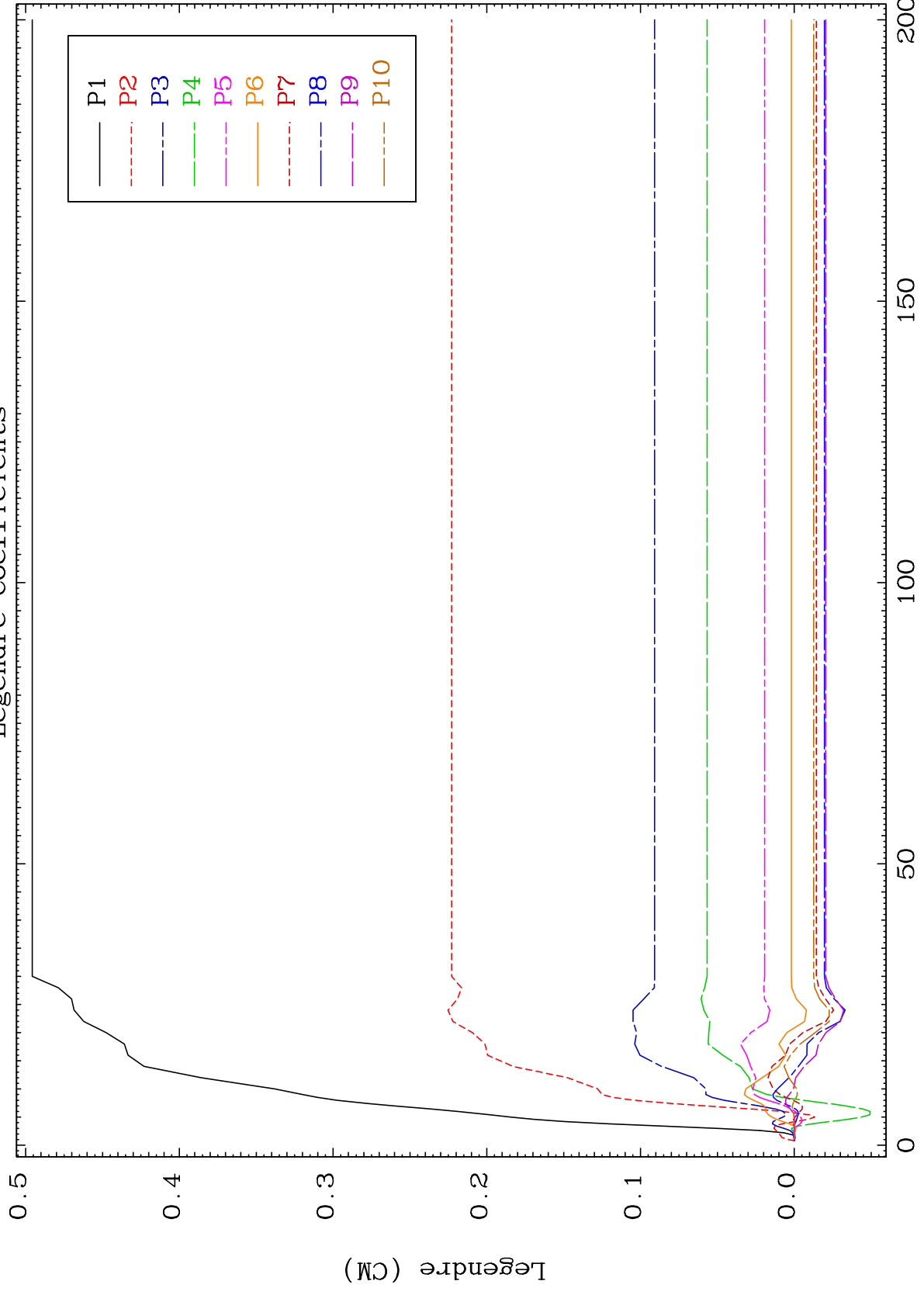
66

77-Ir-195

MAT 7737

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

77-Ir-195



67

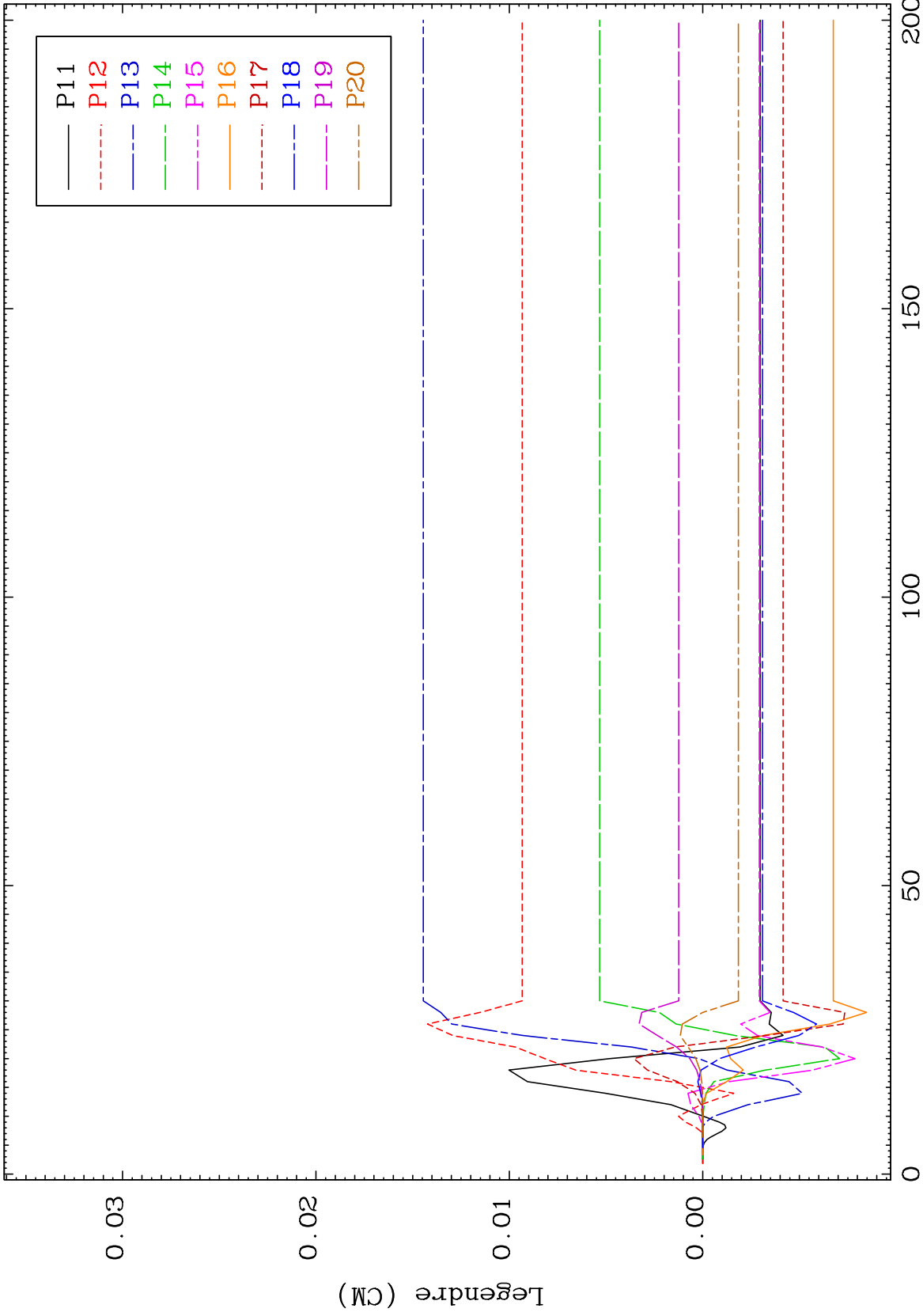
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



68

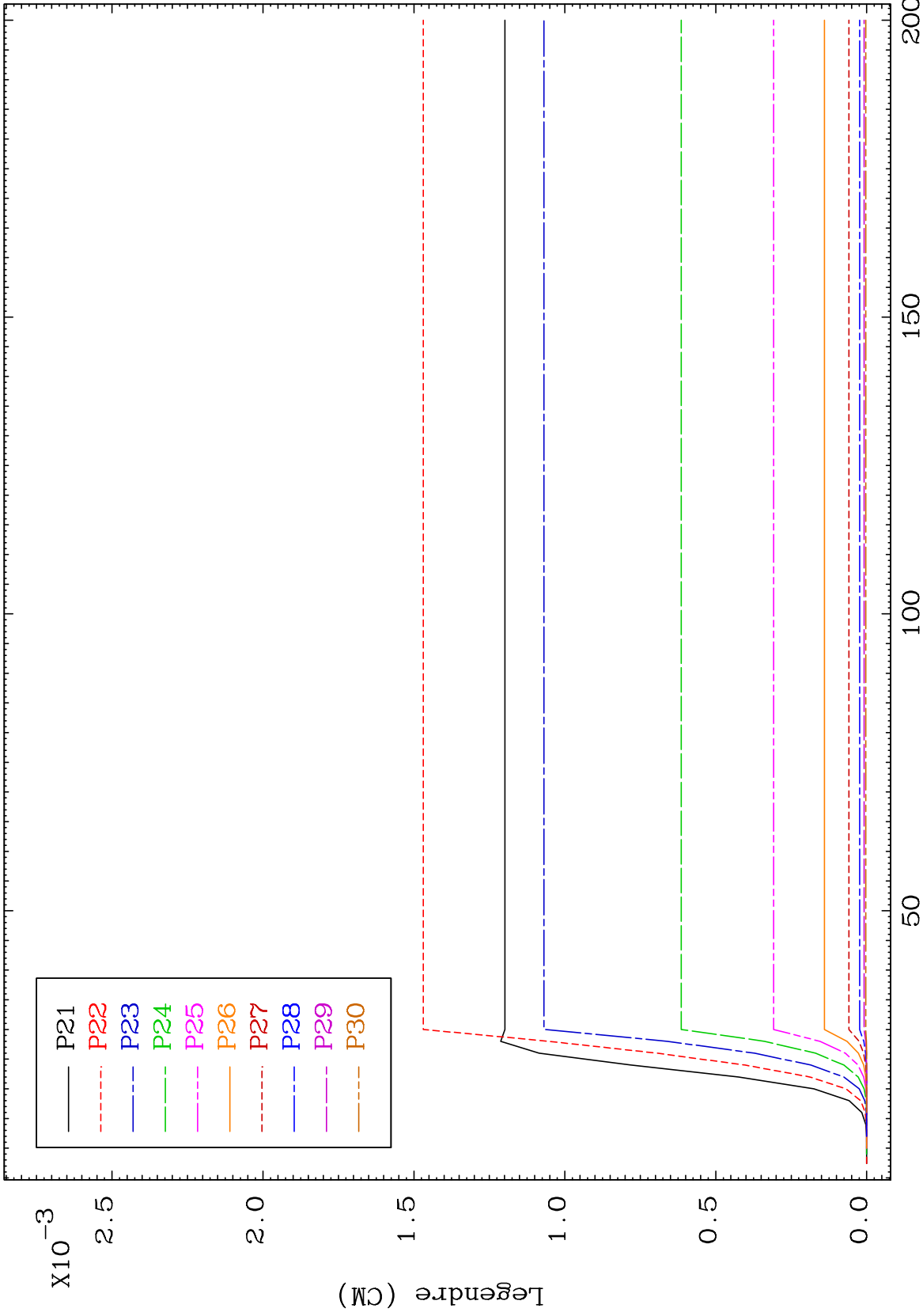
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



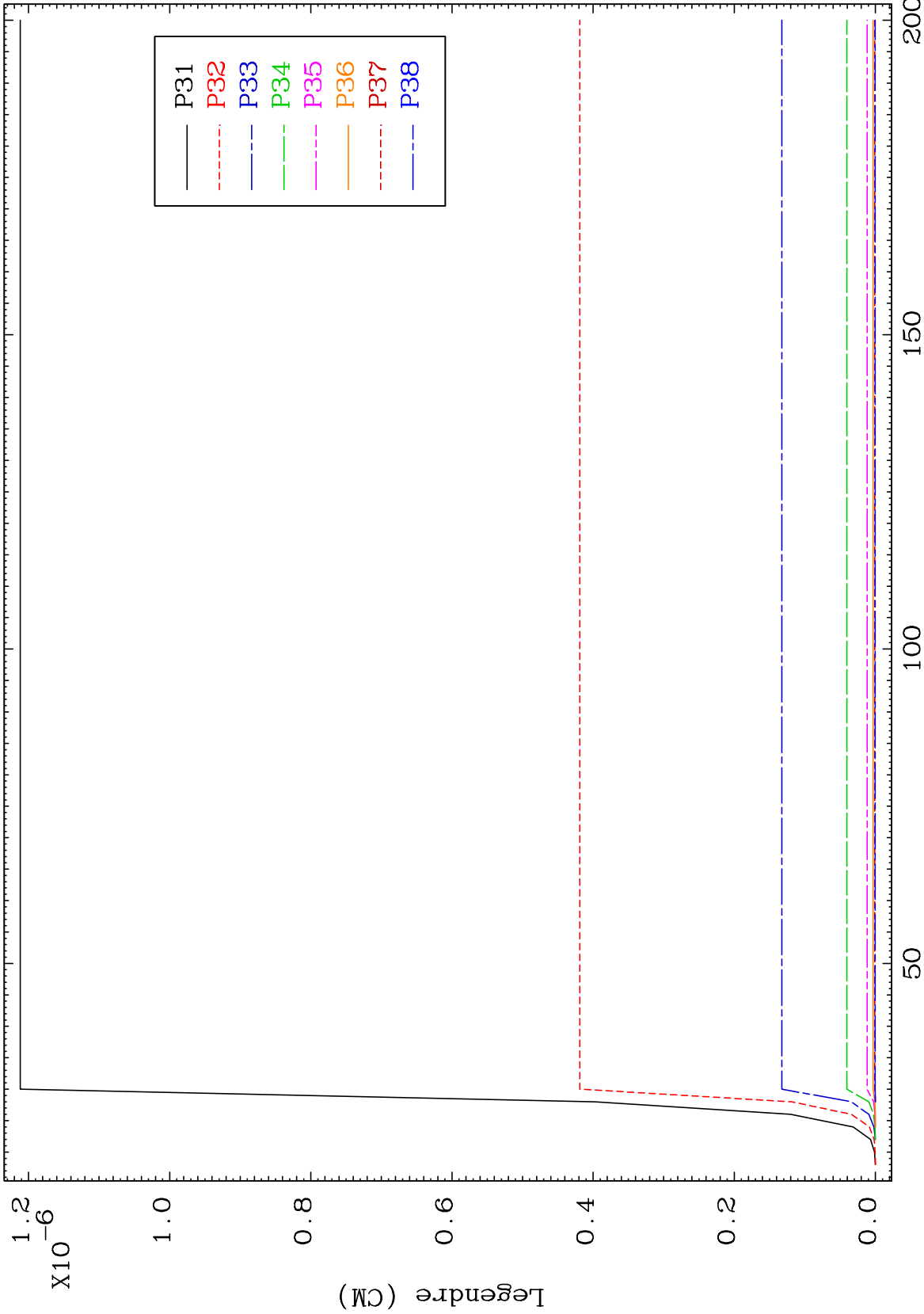
69

77-Ir-195

MAT 7737

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

77-Ir-195



70

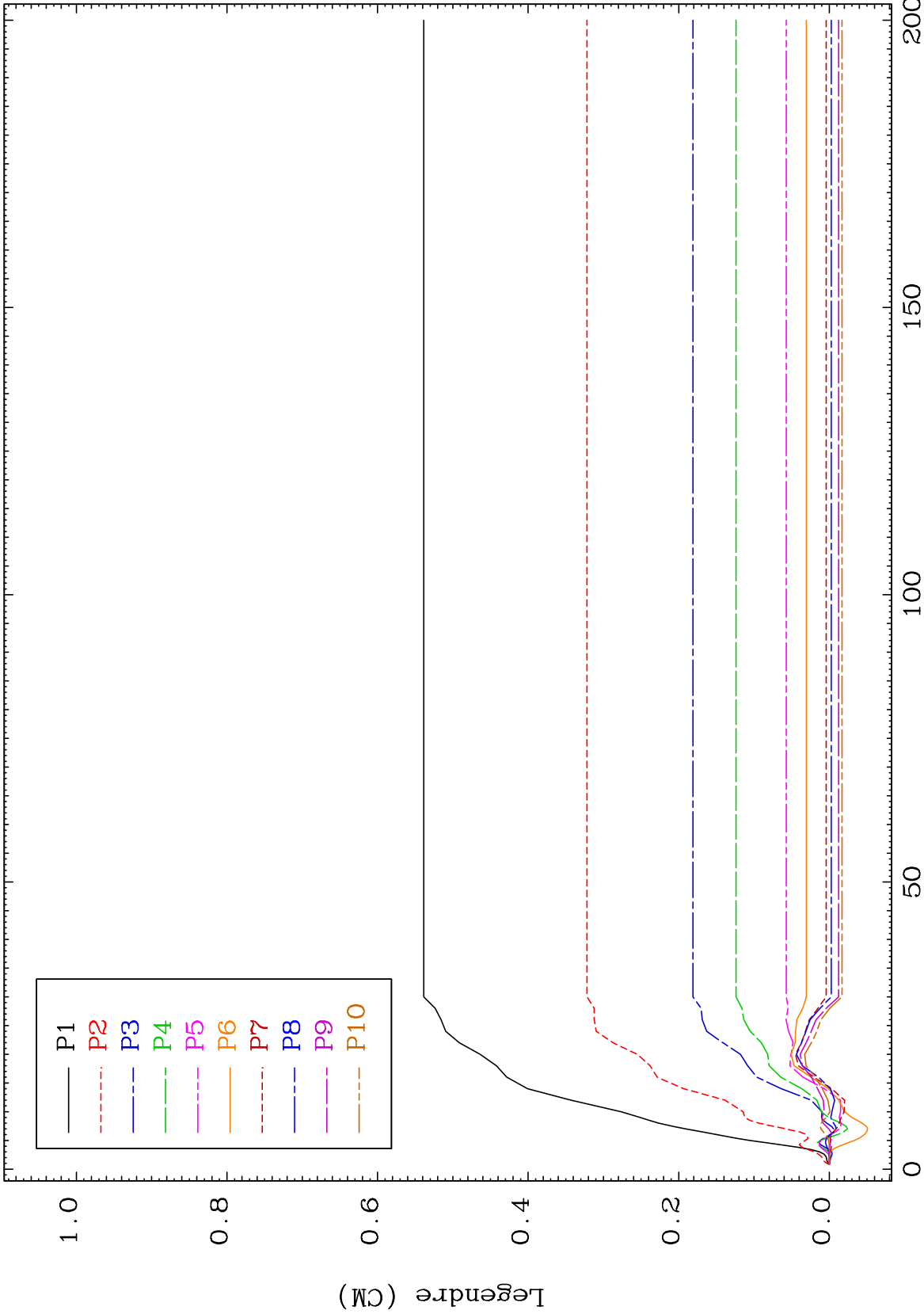
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



71

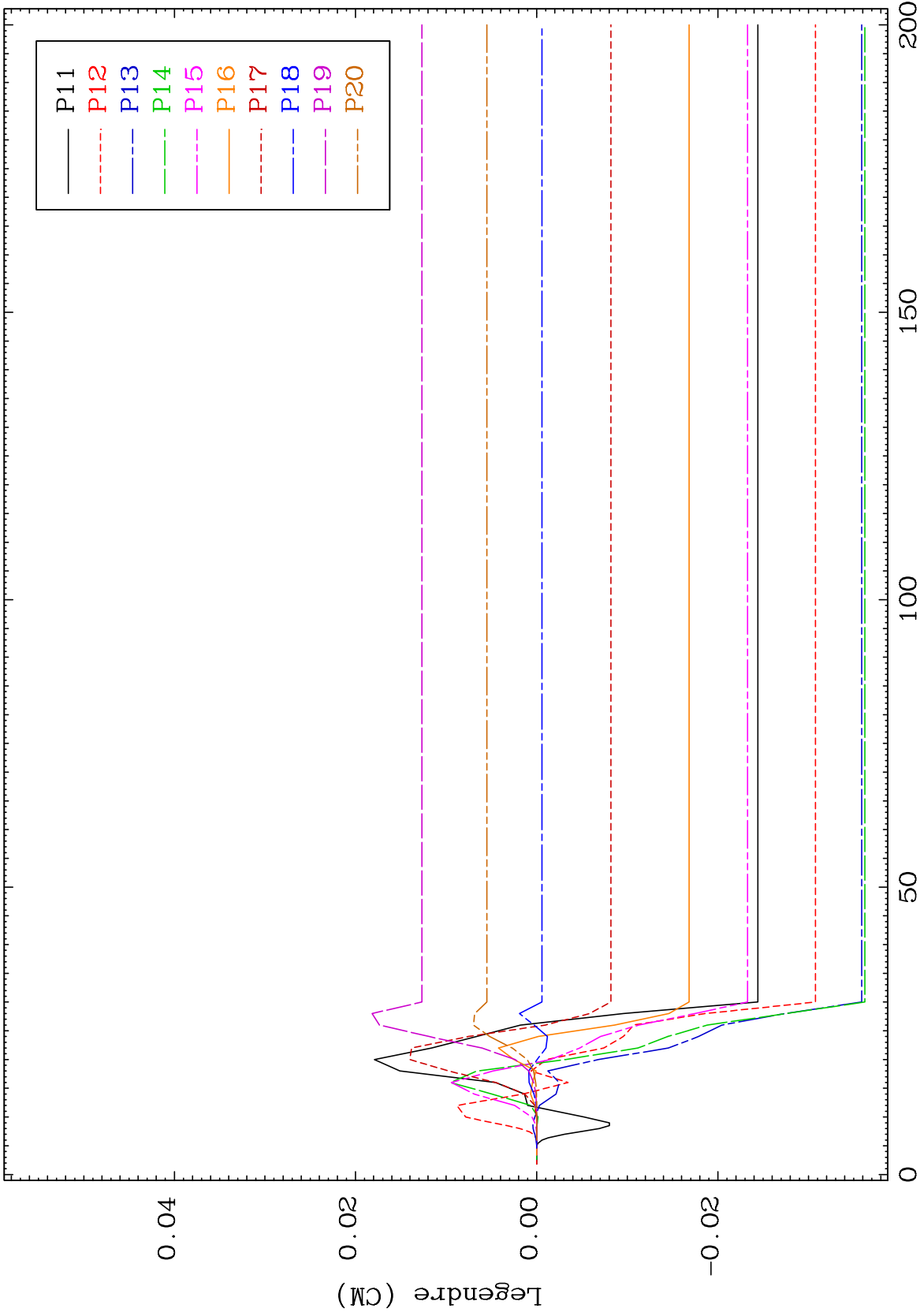
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



72

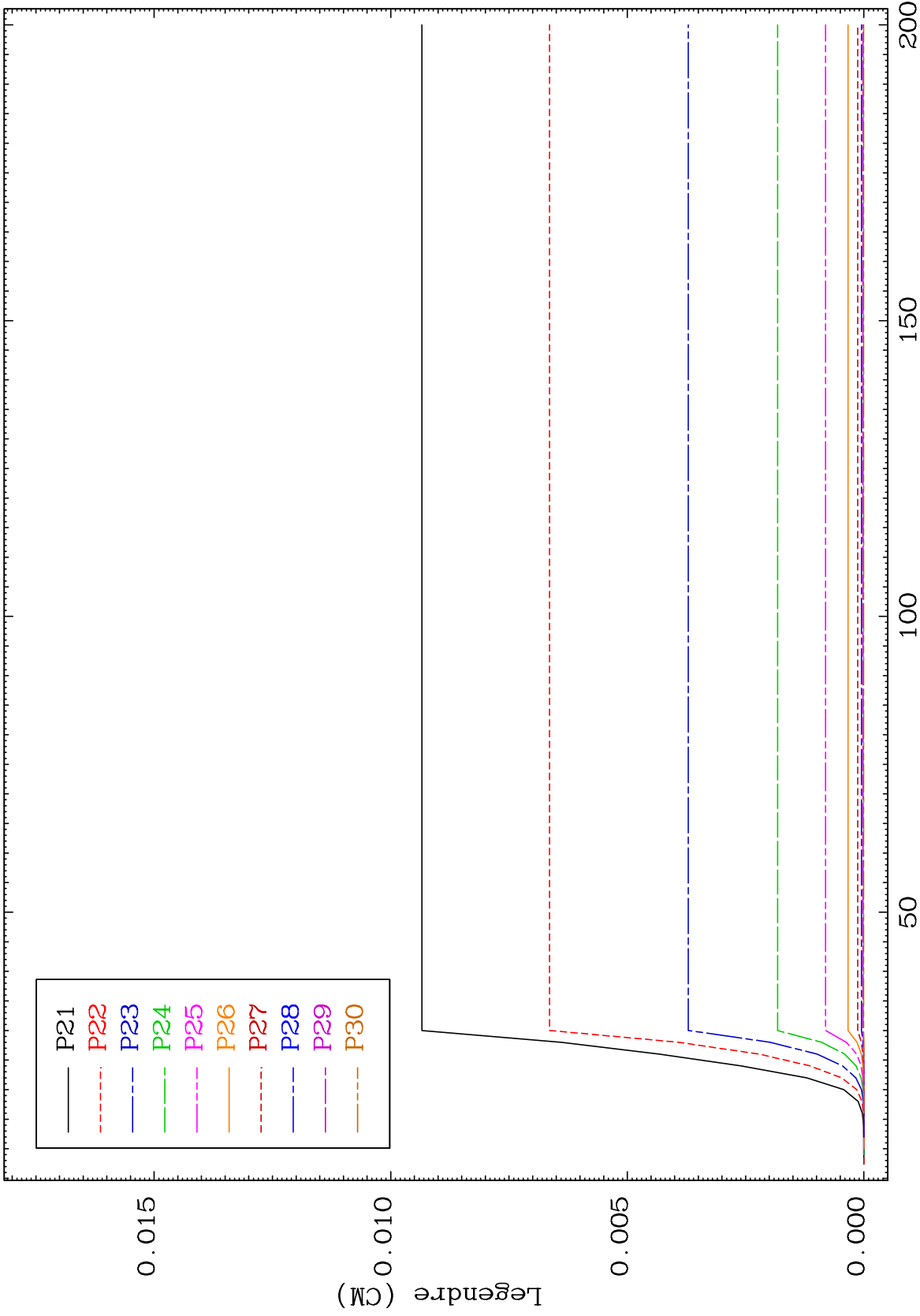
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



73

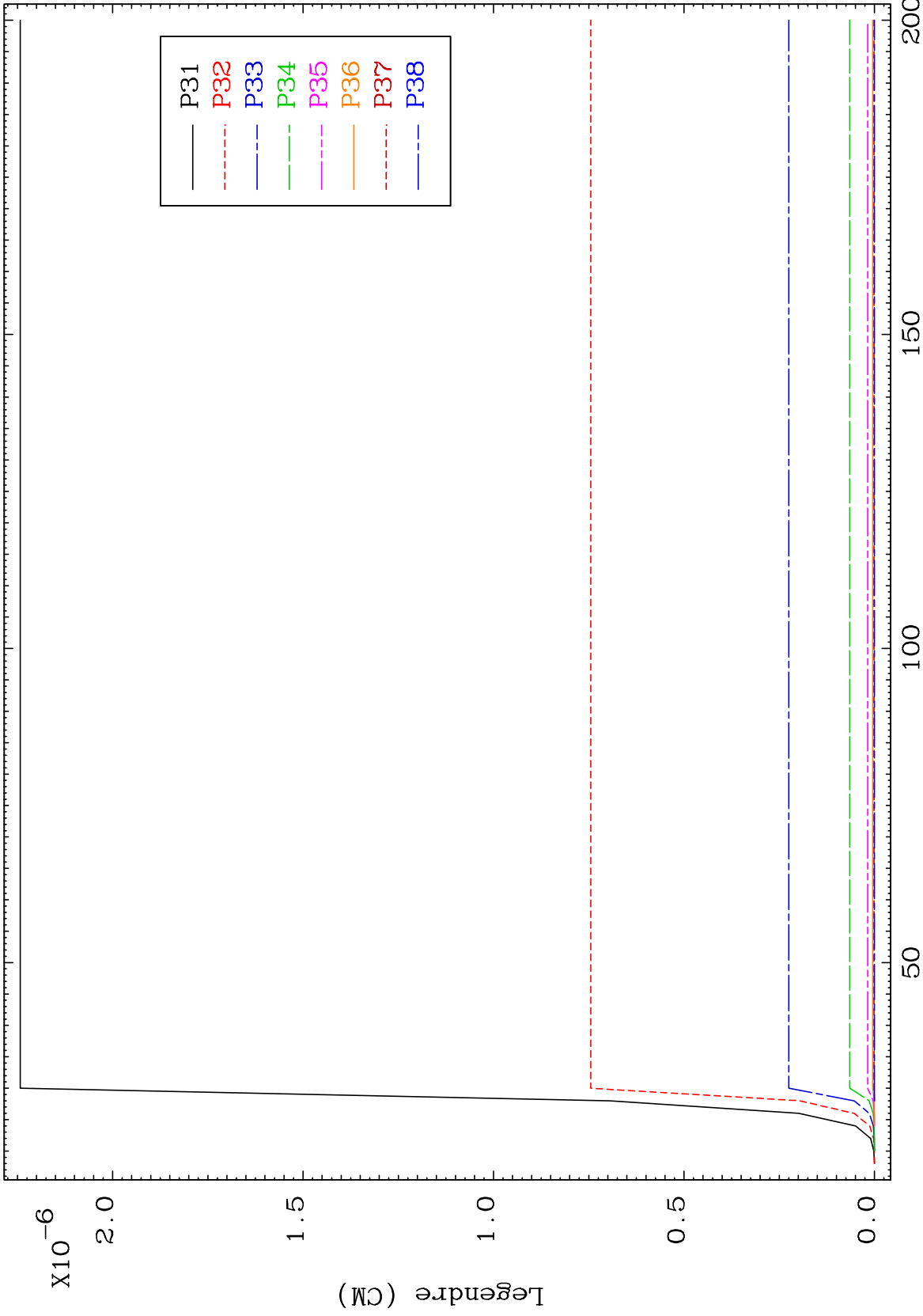
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



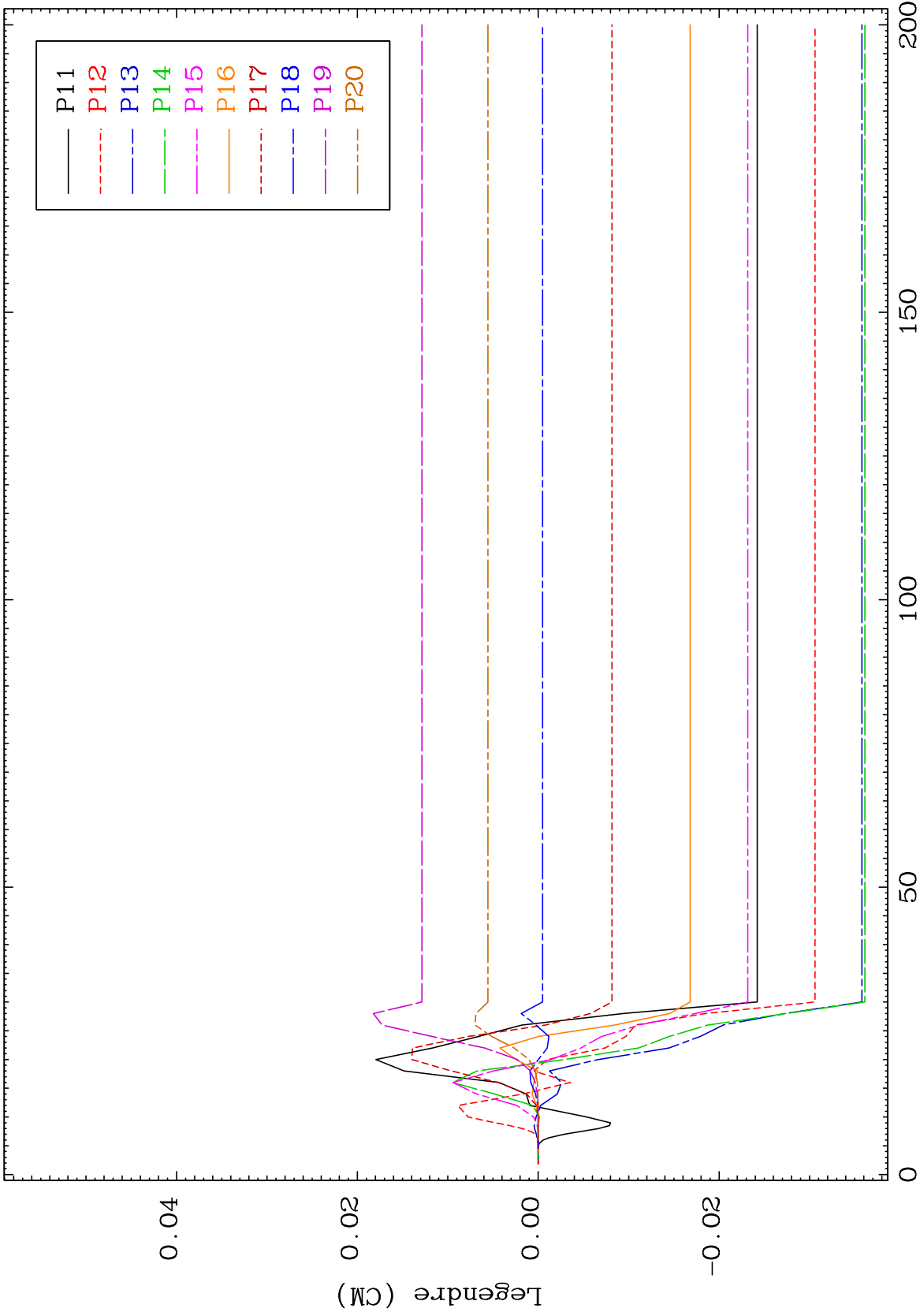
74

77-Ir-195

MAT 7737

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

77-Ir-195



76

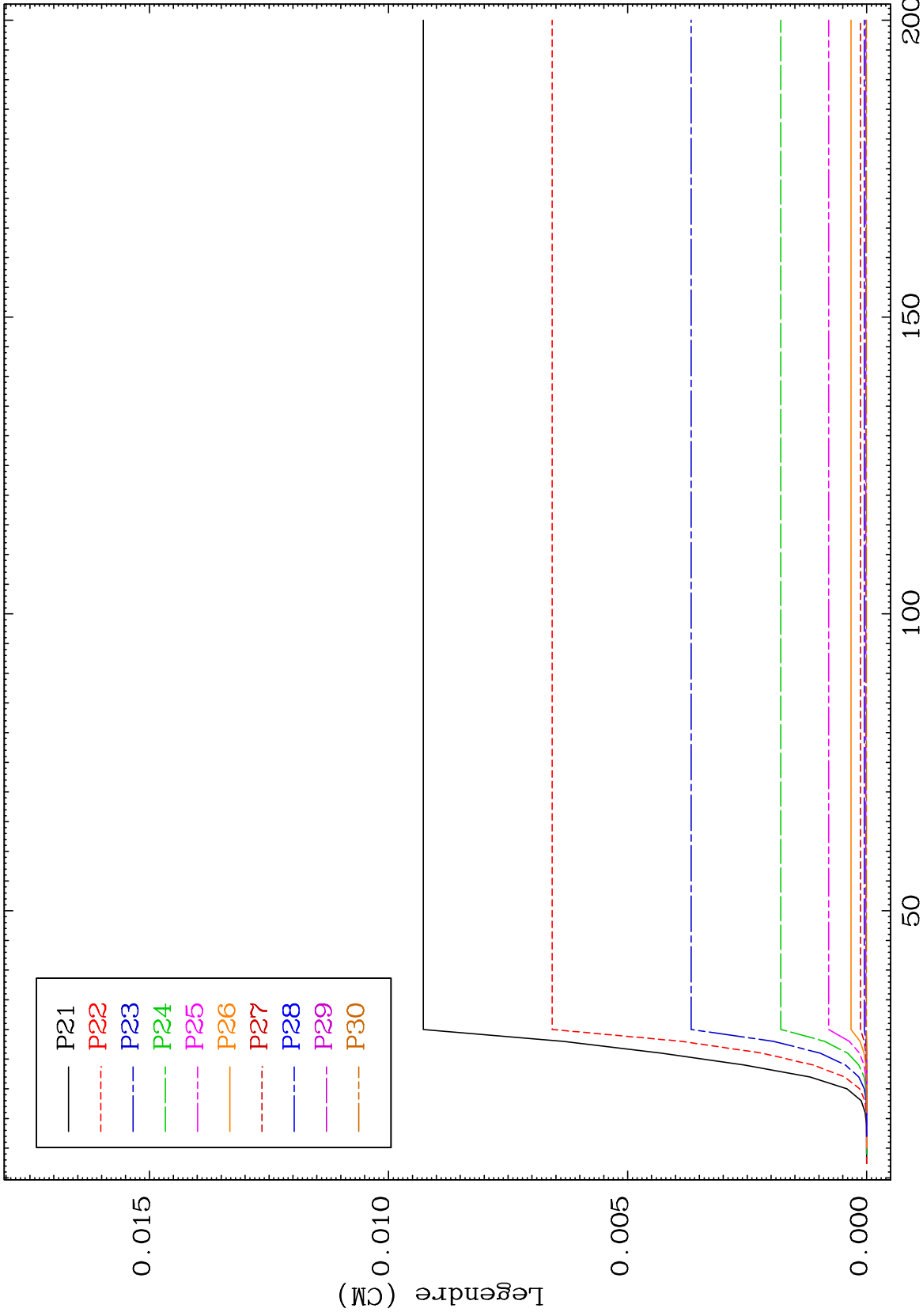
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



77

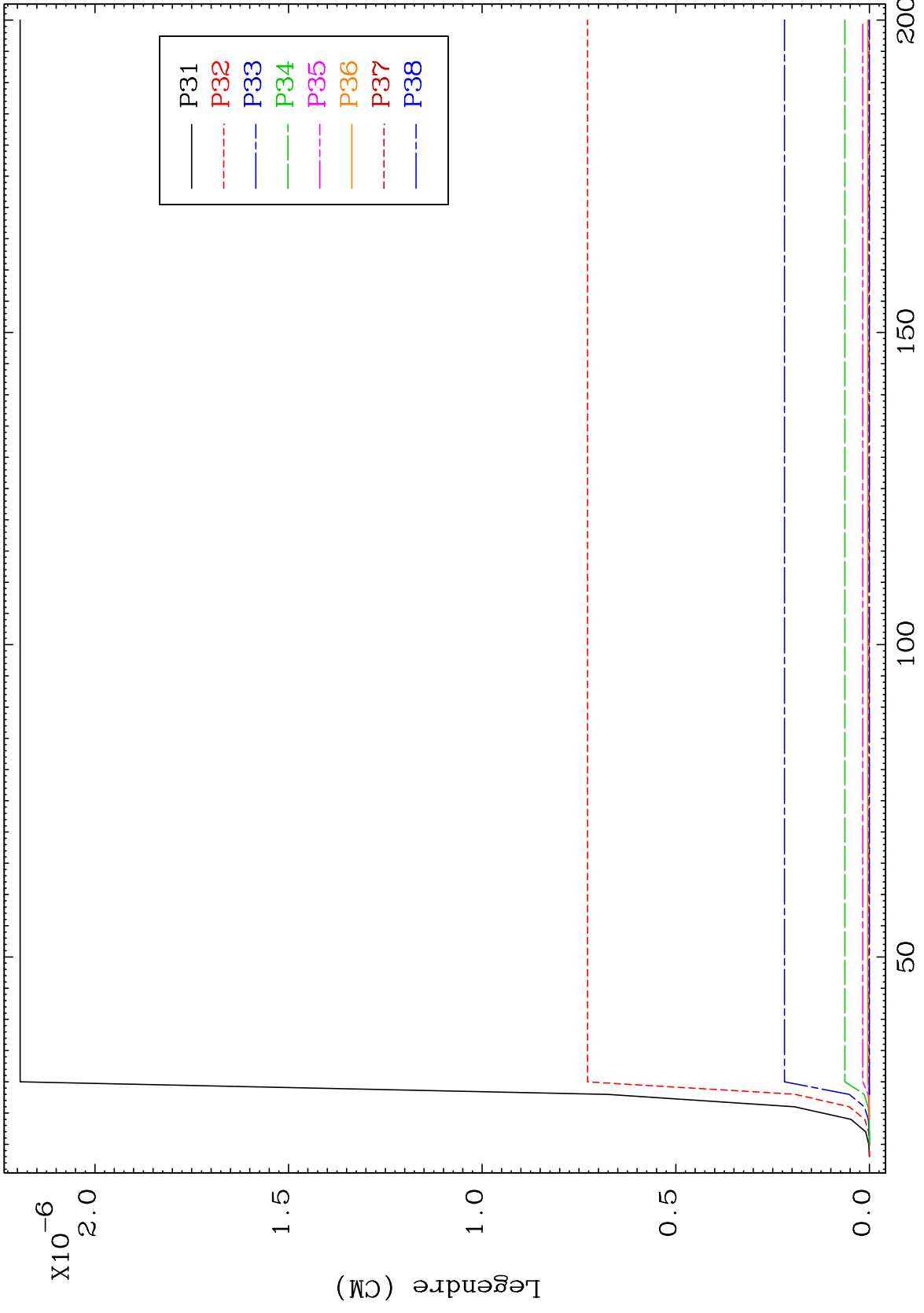
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



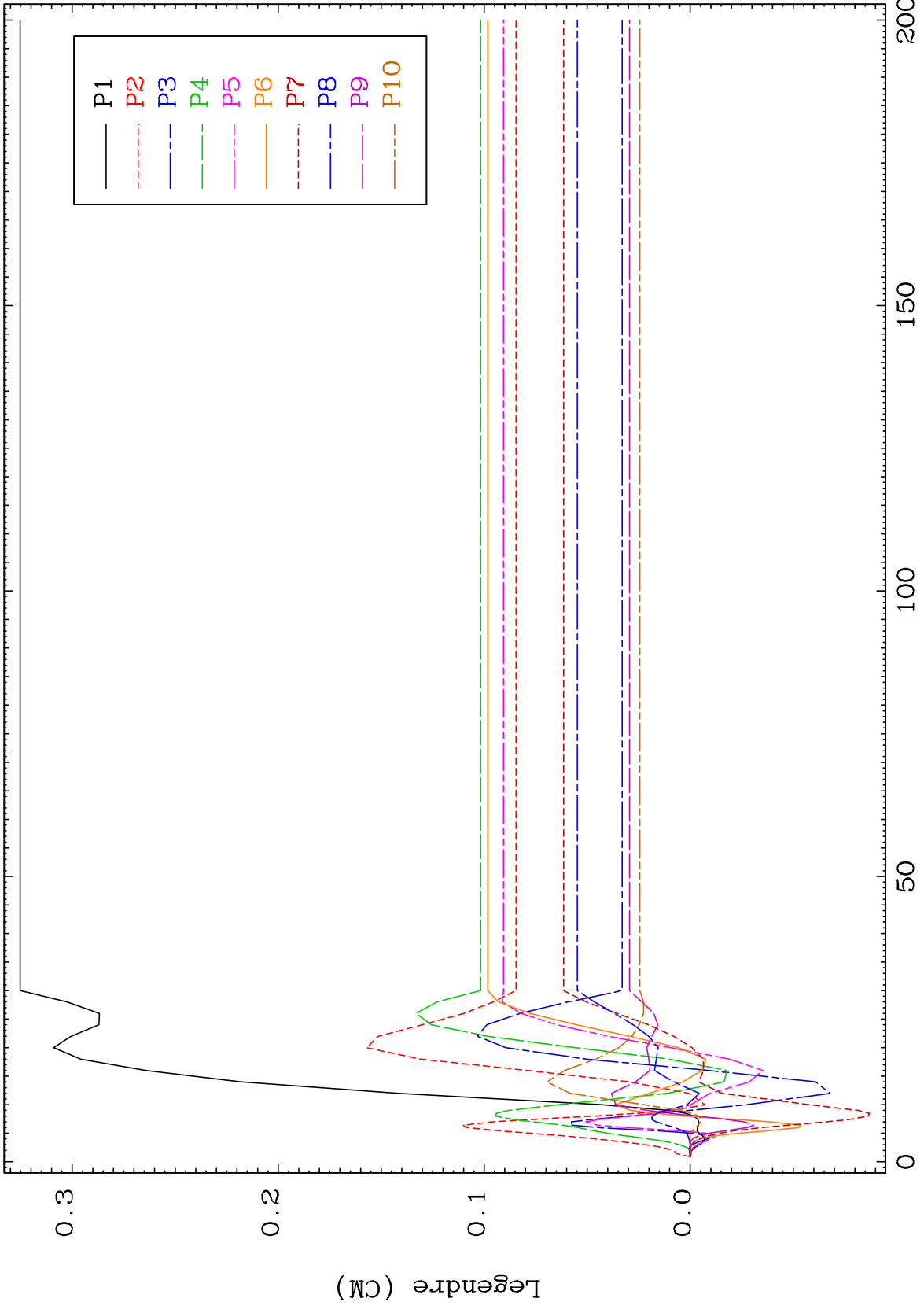
78

77-Ir-195

MAT 7737

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

77-Ir-195



79

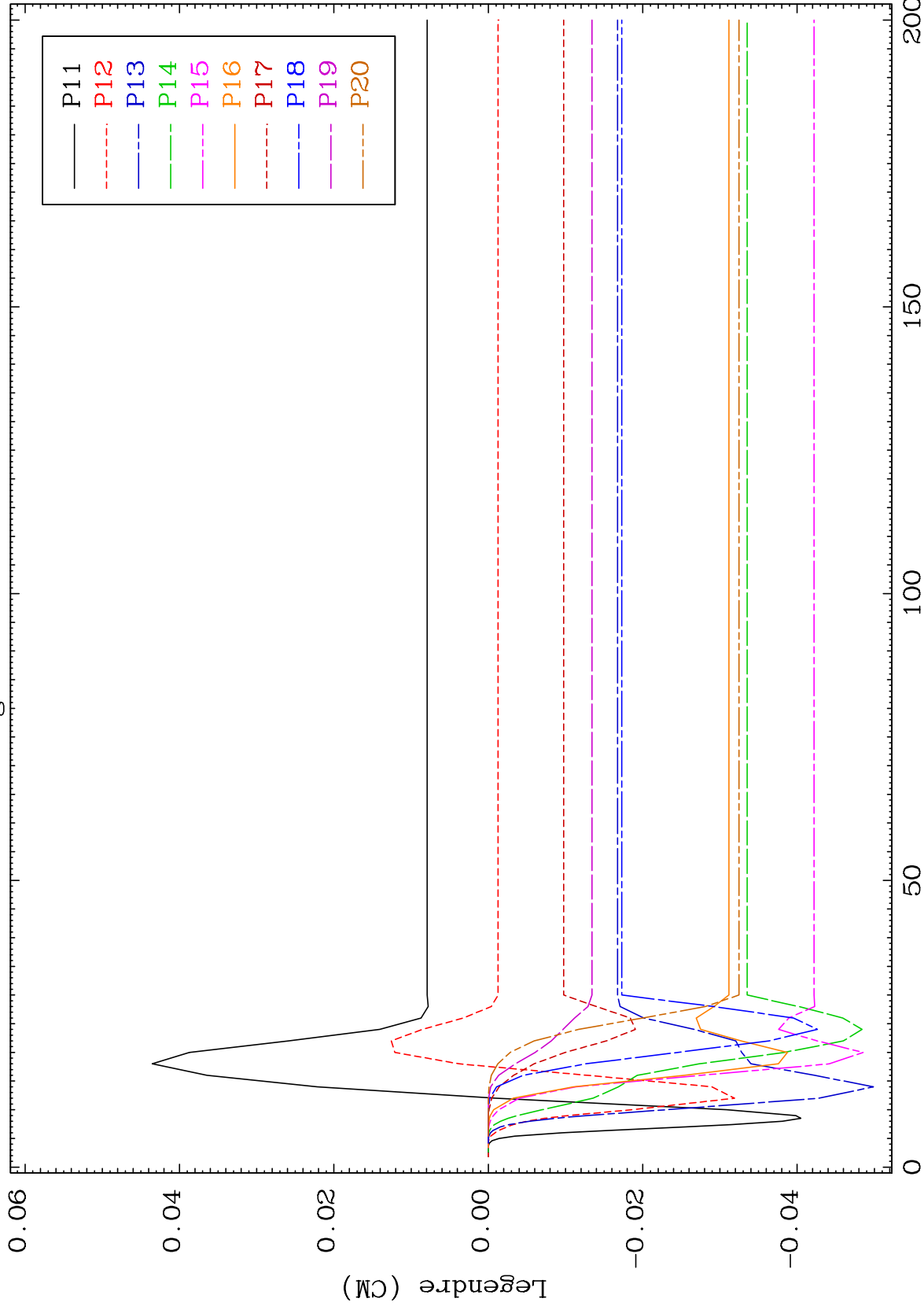
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



80

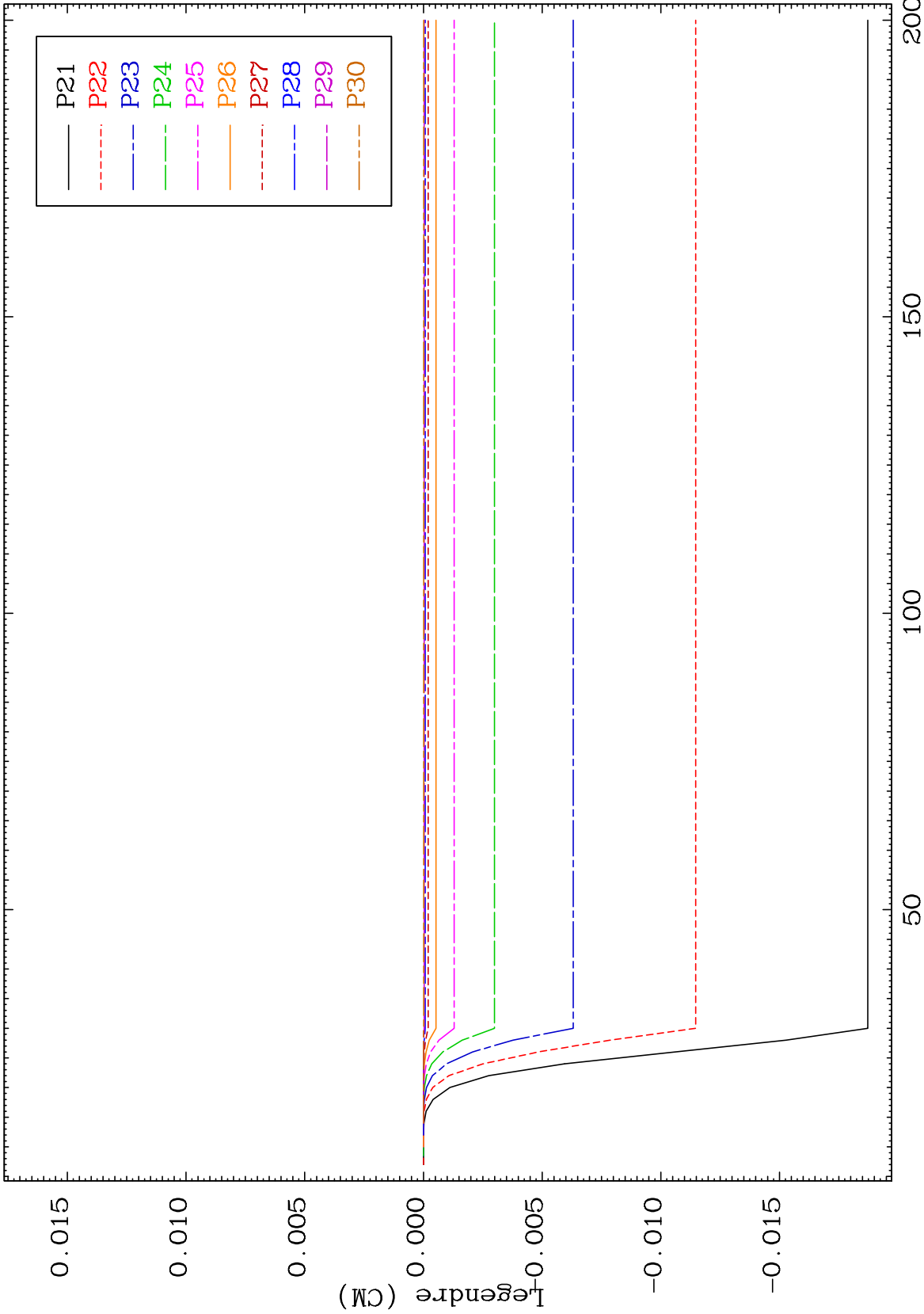
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

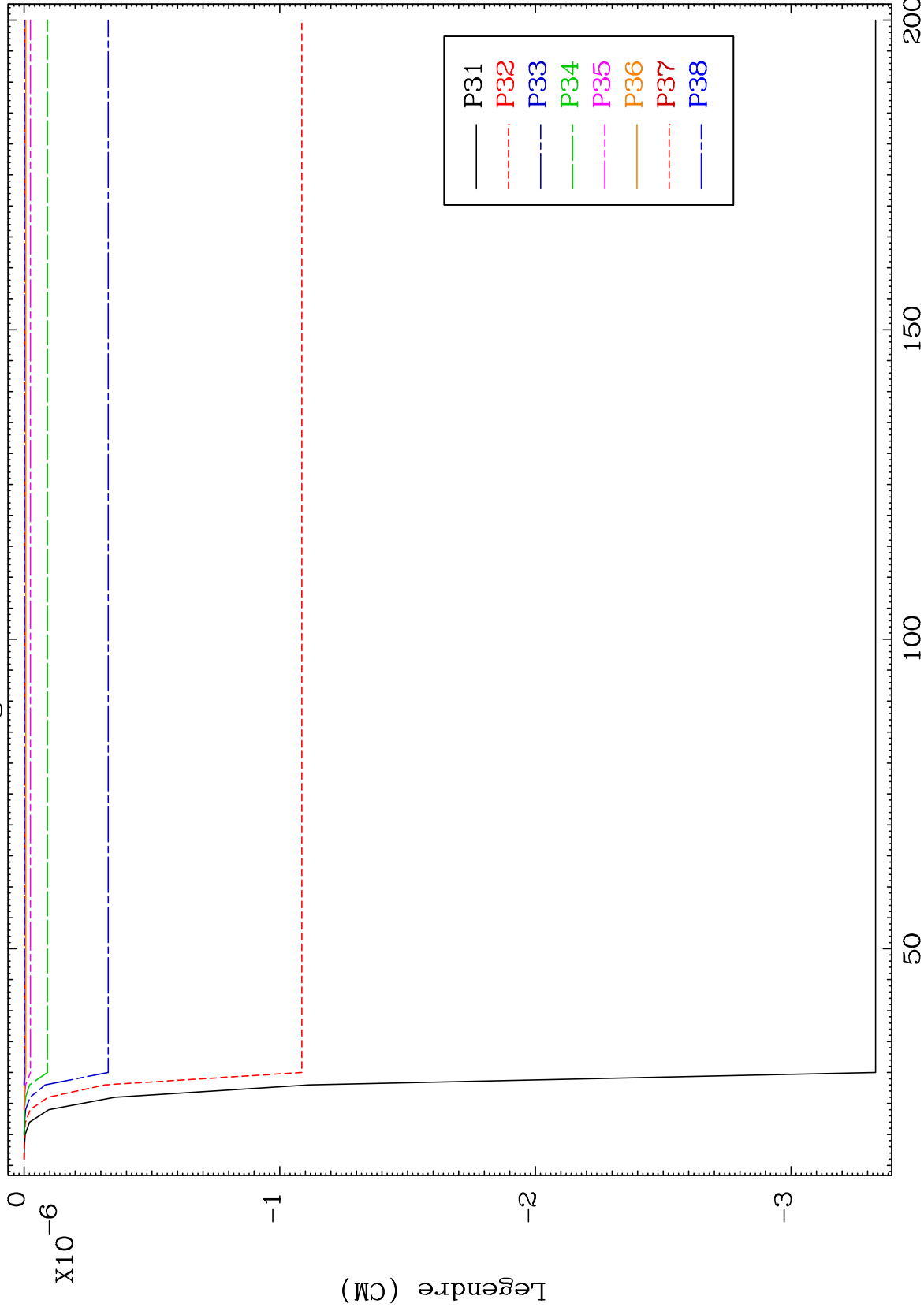
77-Ir-195



MAT 7737

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

77-Ir-195



77-Ir-195

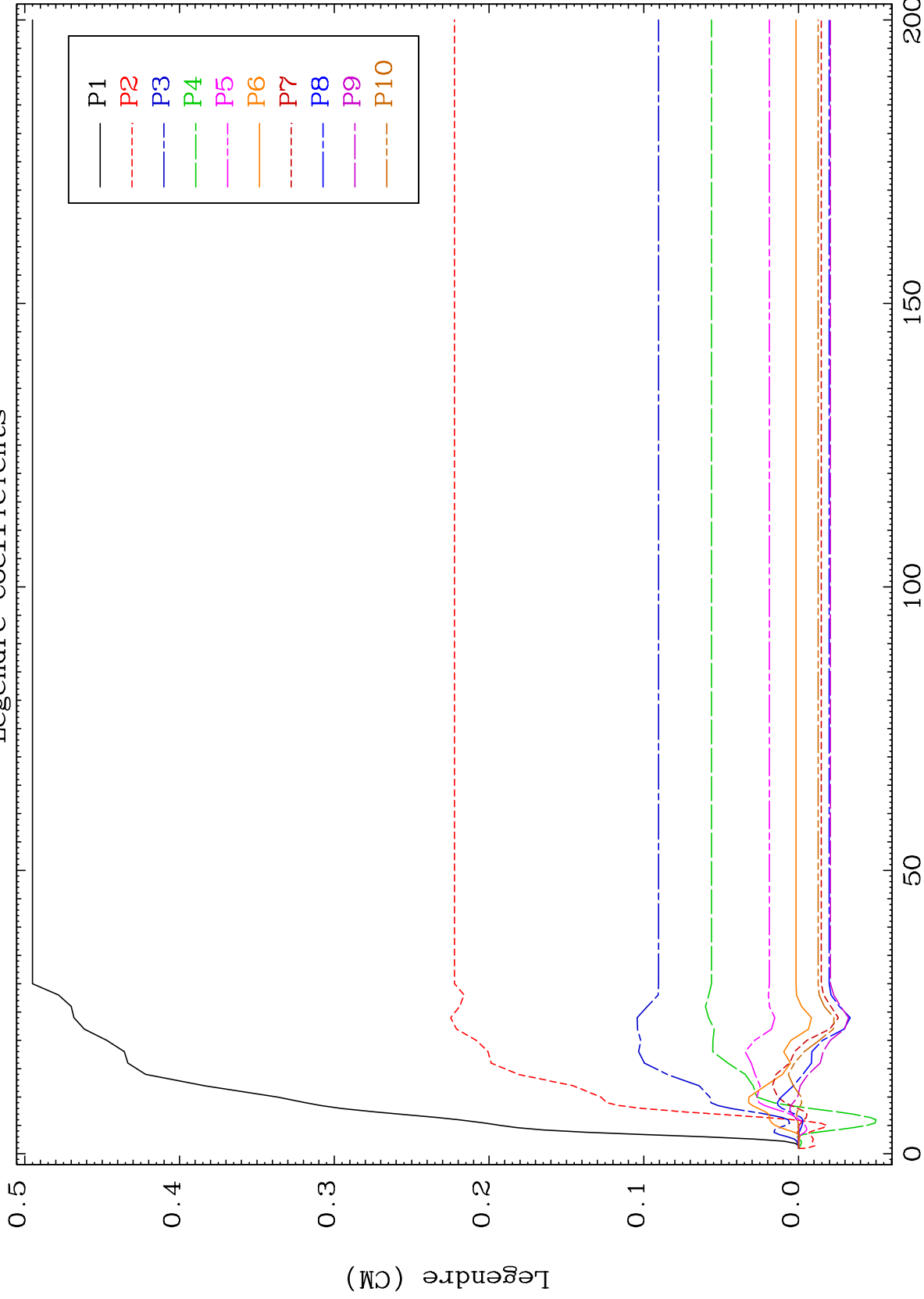
Incident Energy (MeV)

82

MAT 7737

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

77-Ir-195



83

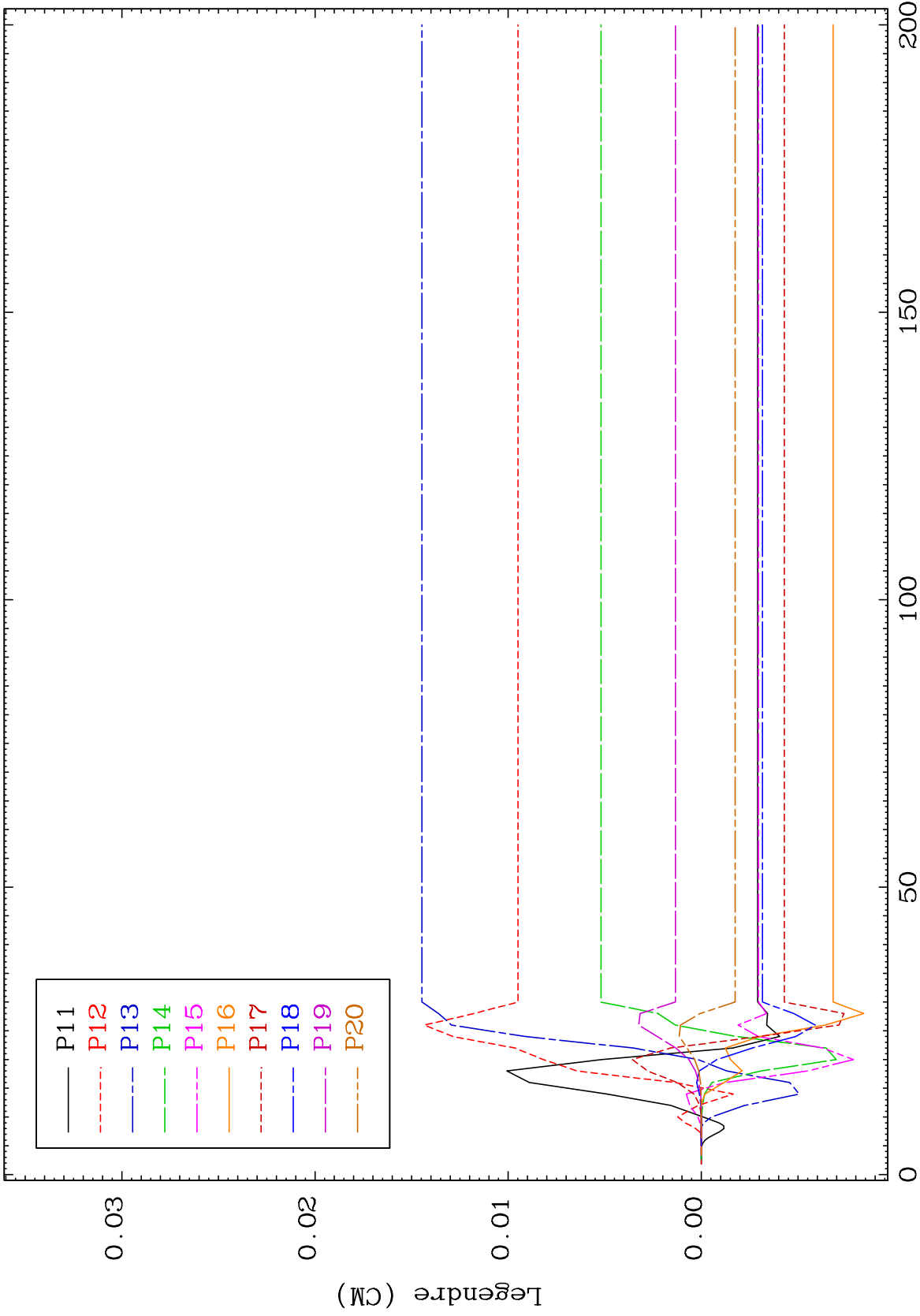
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



84

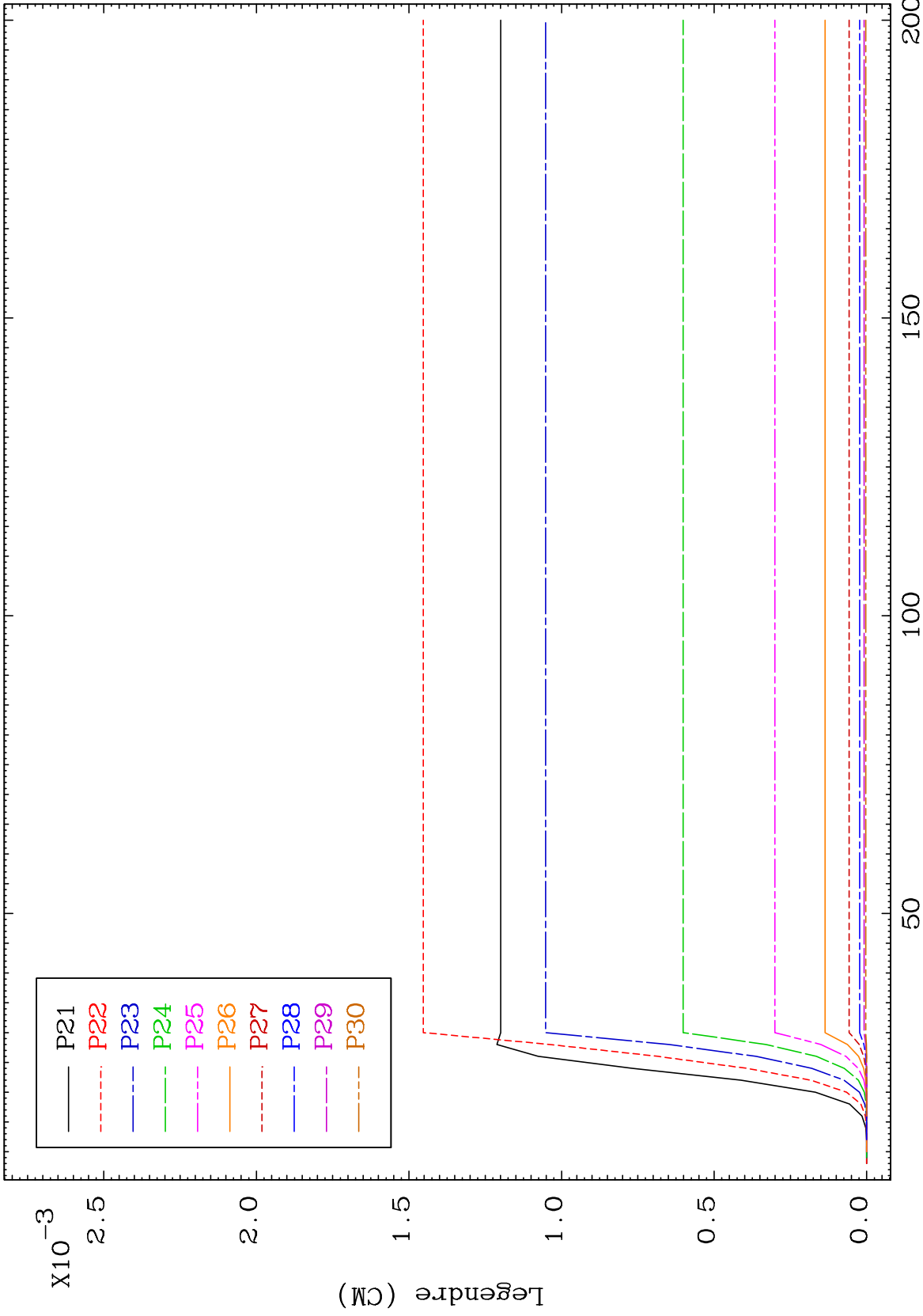
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



85

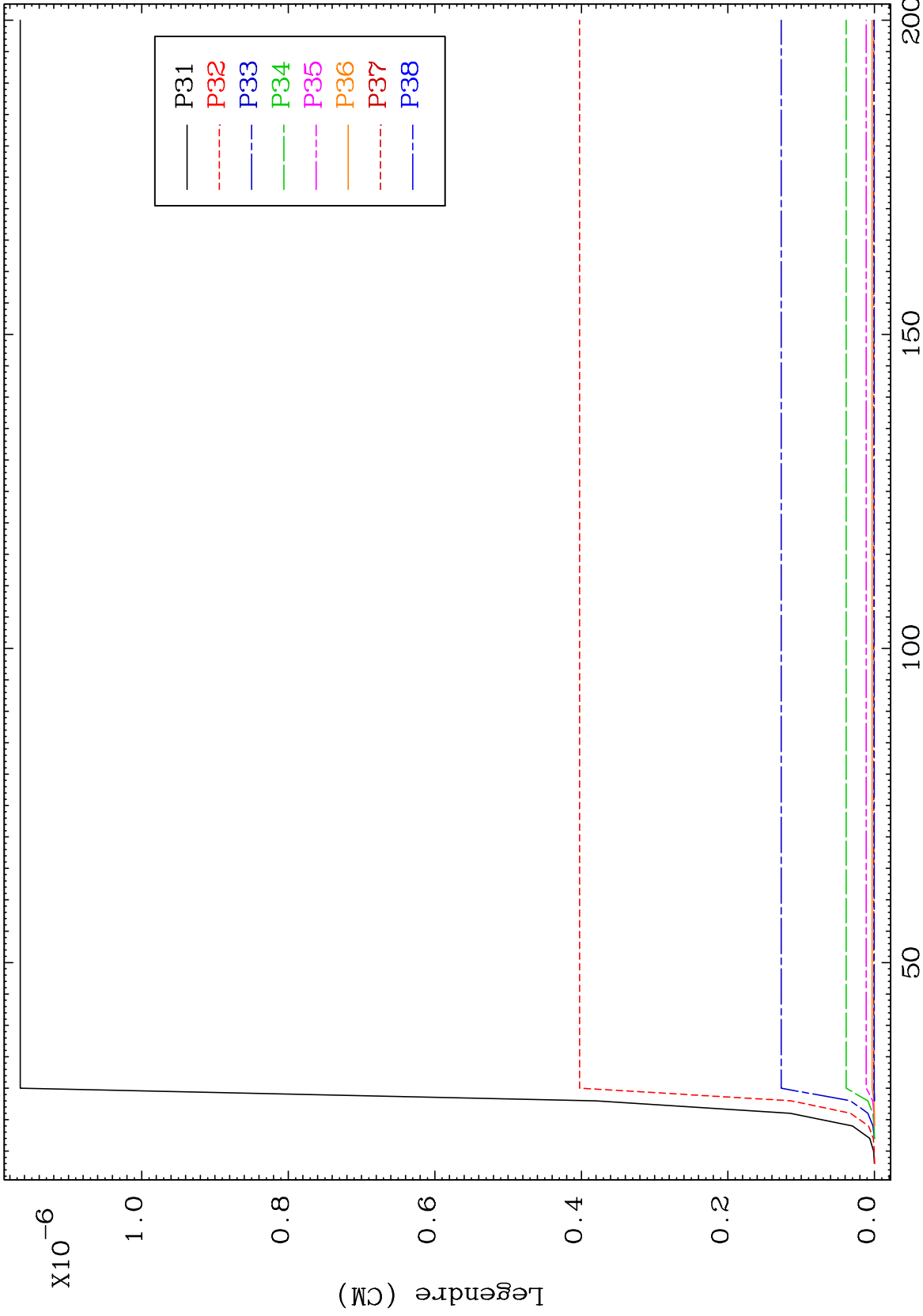
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



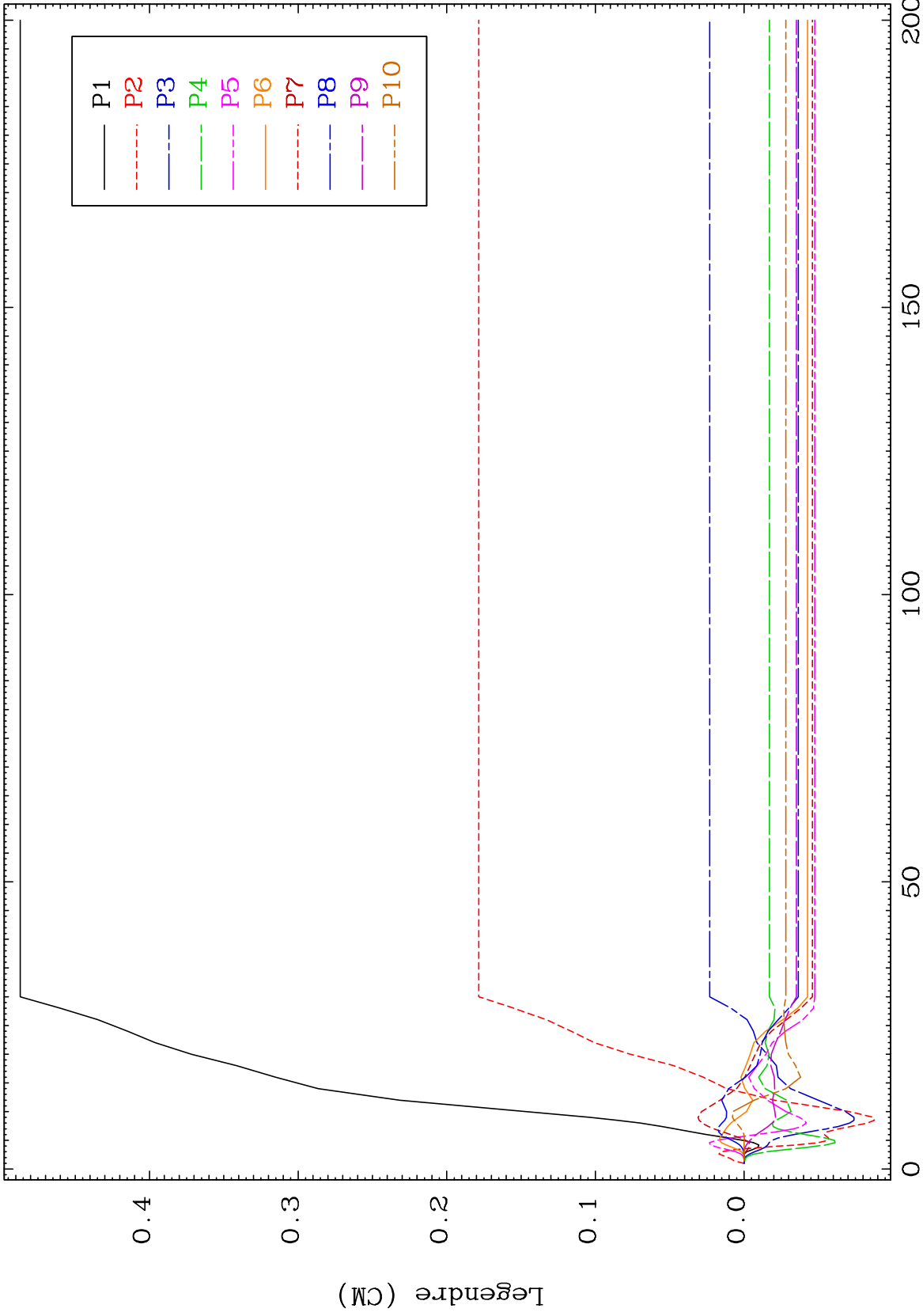
86

77-Ir-195

MAT 7737

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

77-Ir-195



87

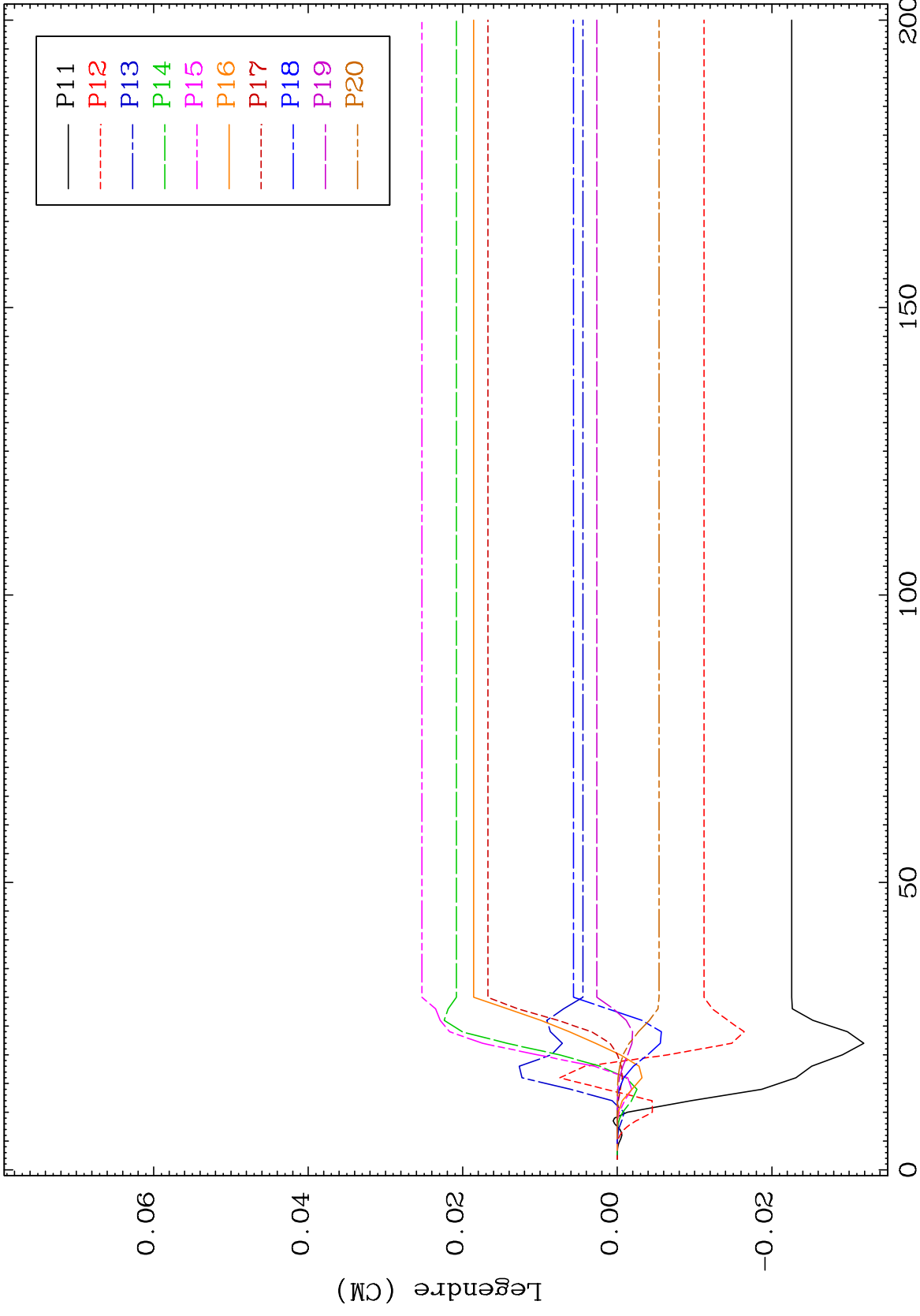
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



88

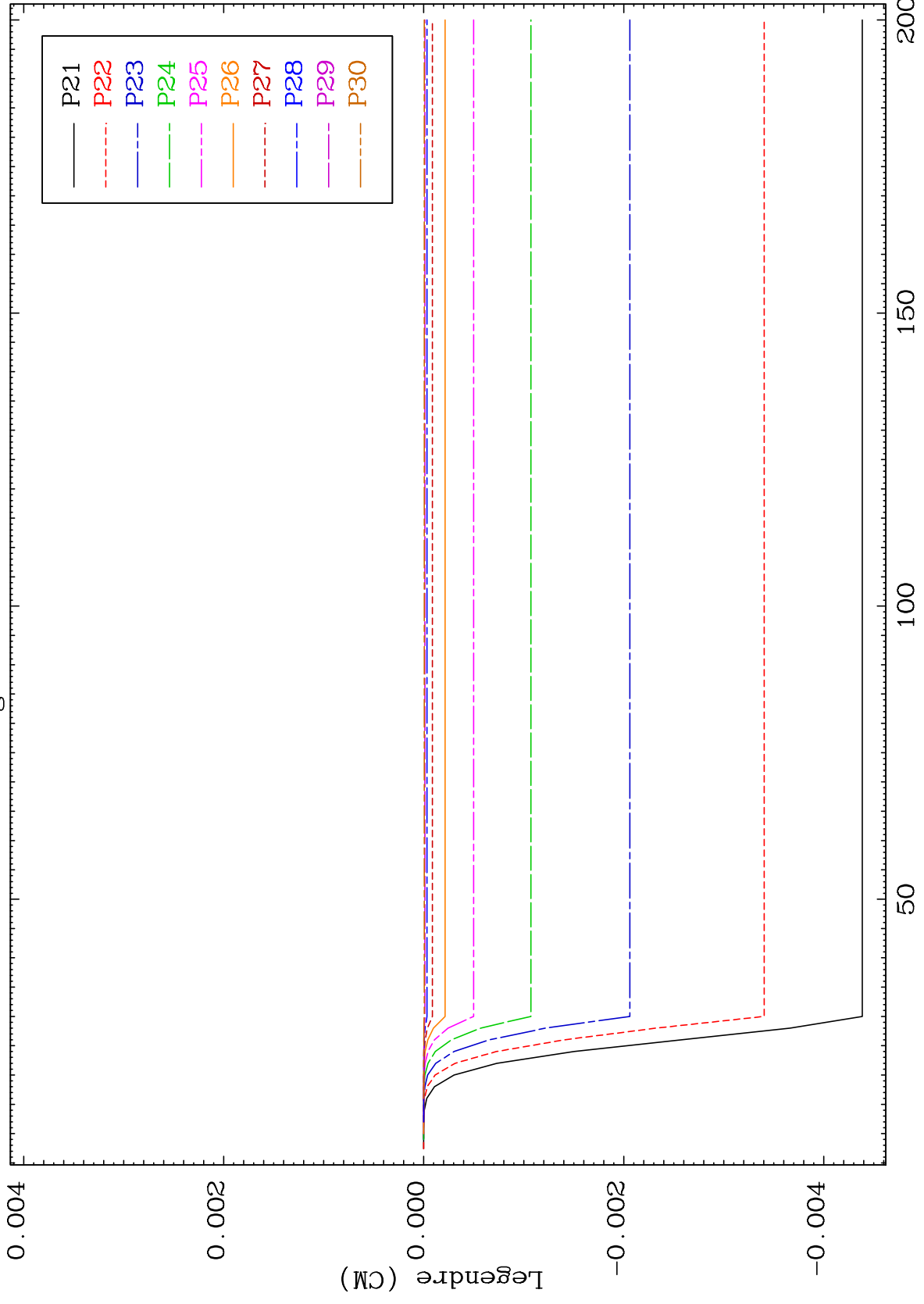
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195

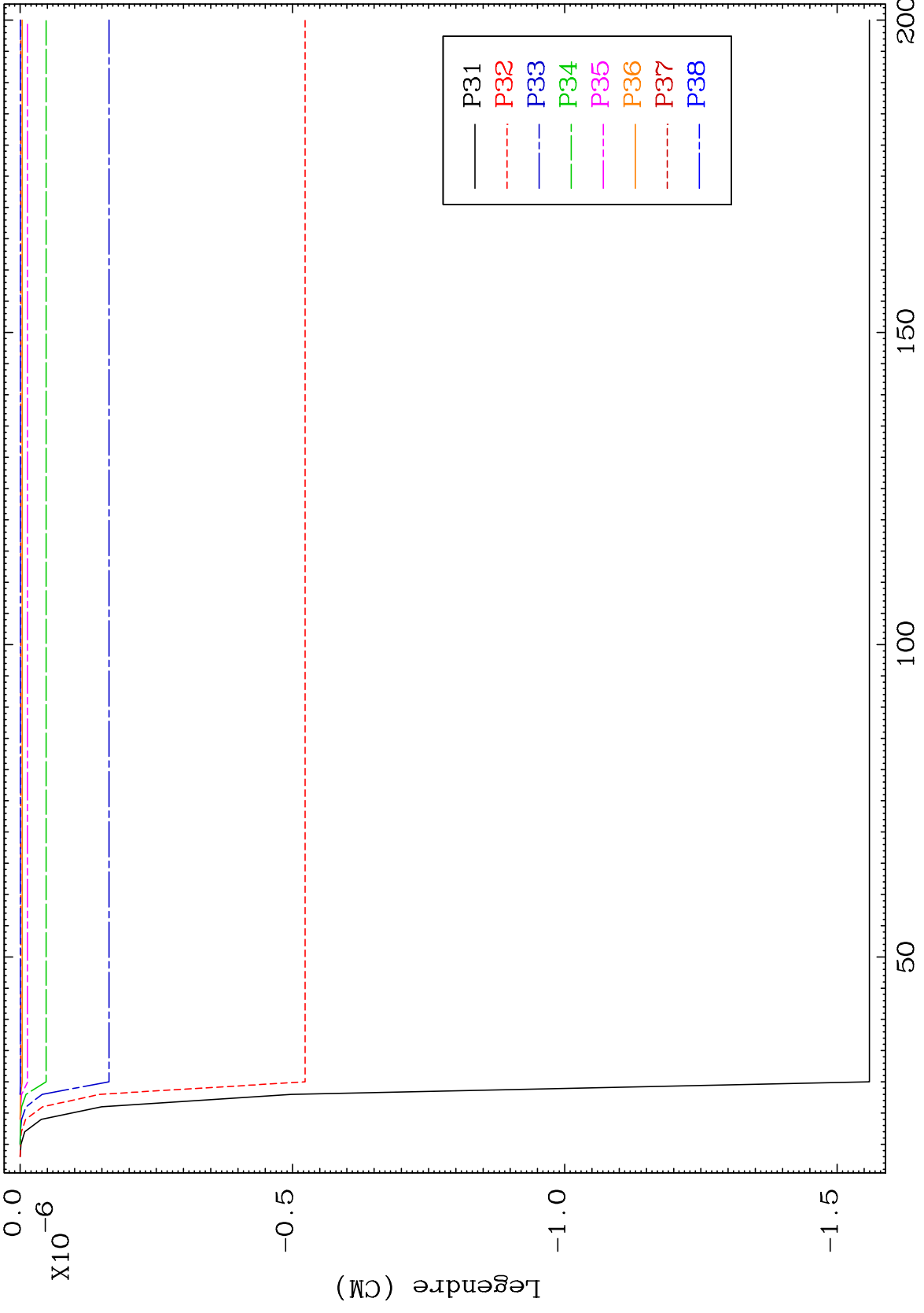


89

Incident Energy (MeV)

77-Ir-195

MAT 7737 MT= 69 (n,n') Level Legendre Coefficients 77-Ir-195

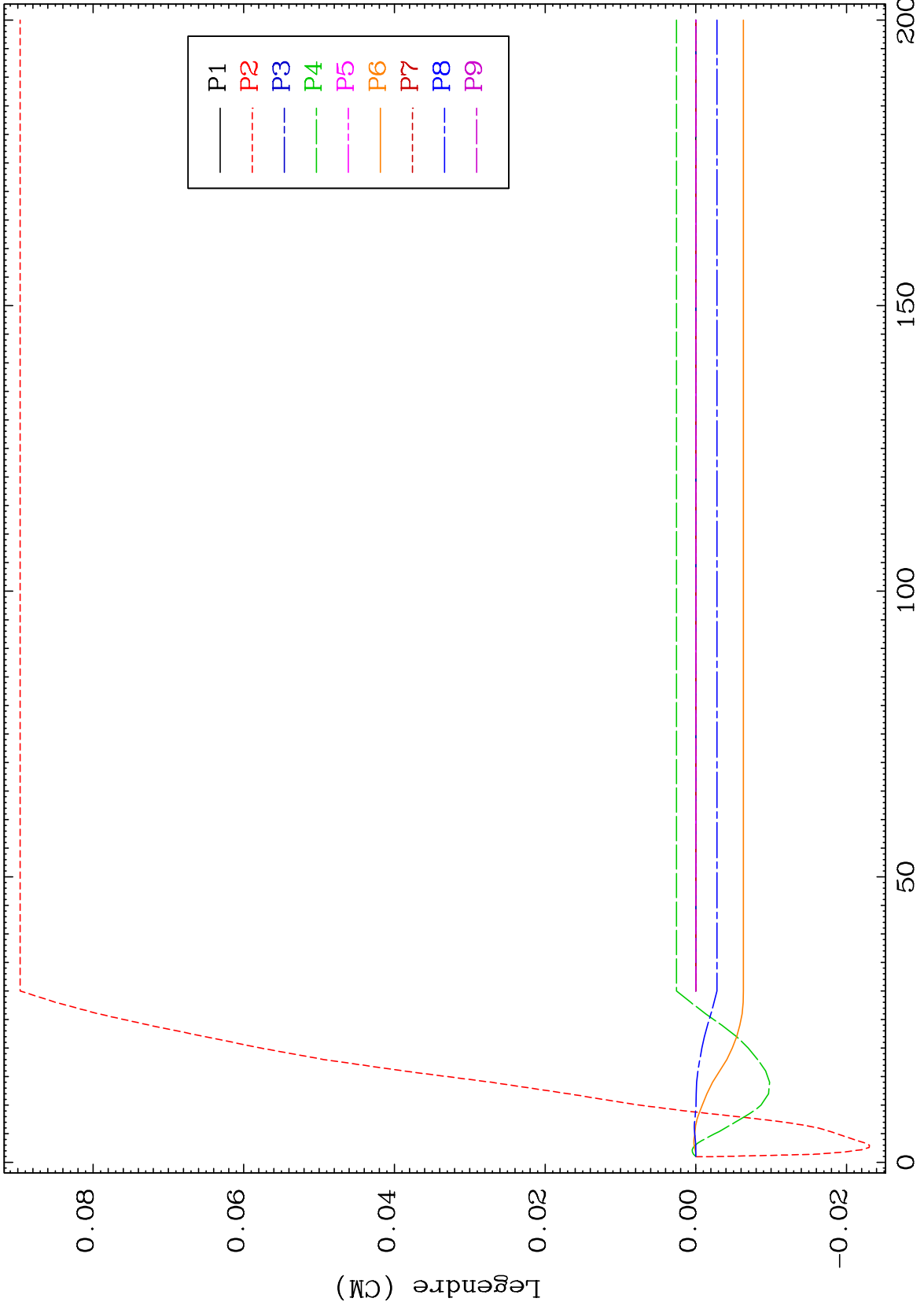


90 Incident Energy (MeV) 77-Ir-195

MAT 7737

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

77-Ir-195



91

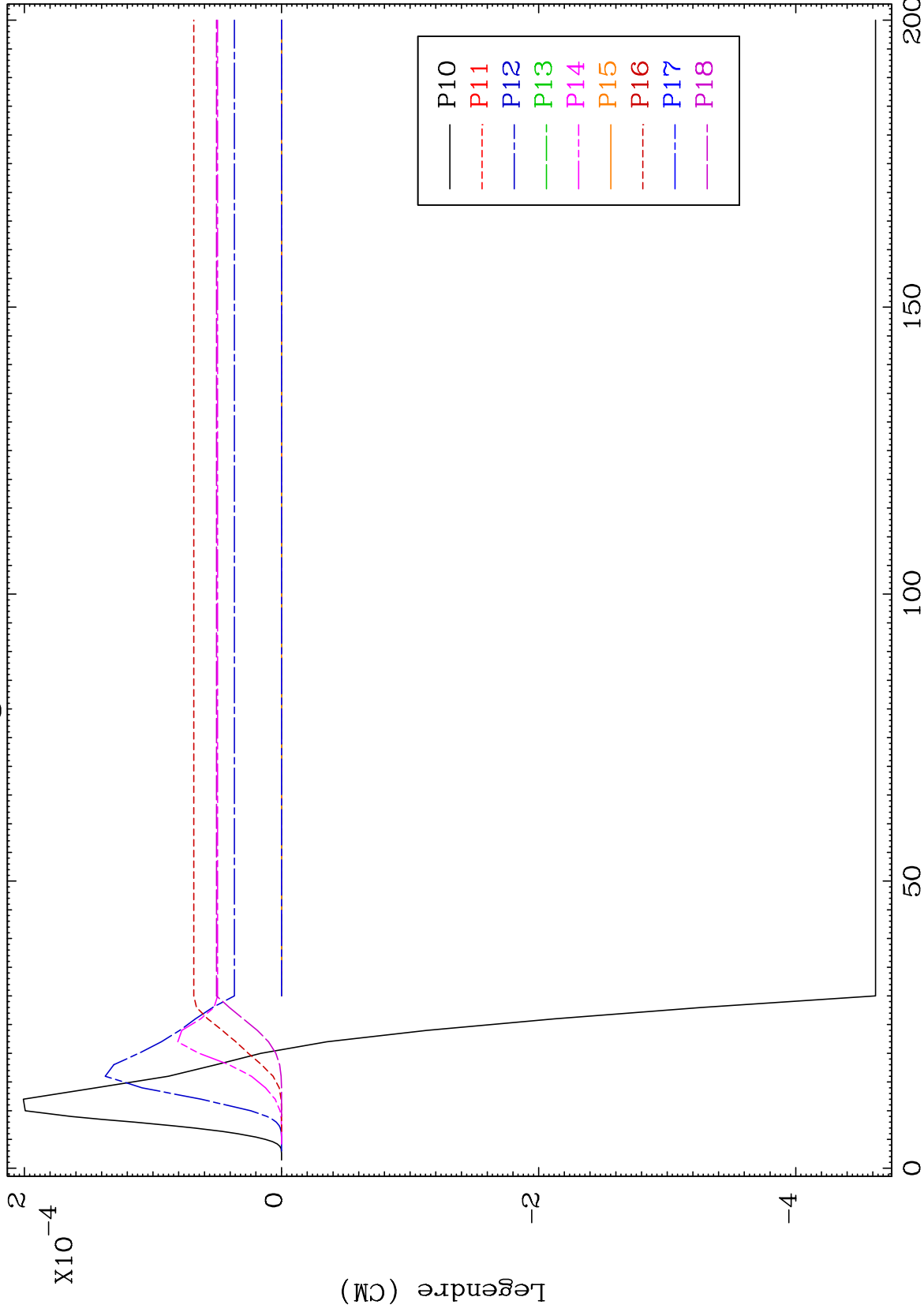
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



92

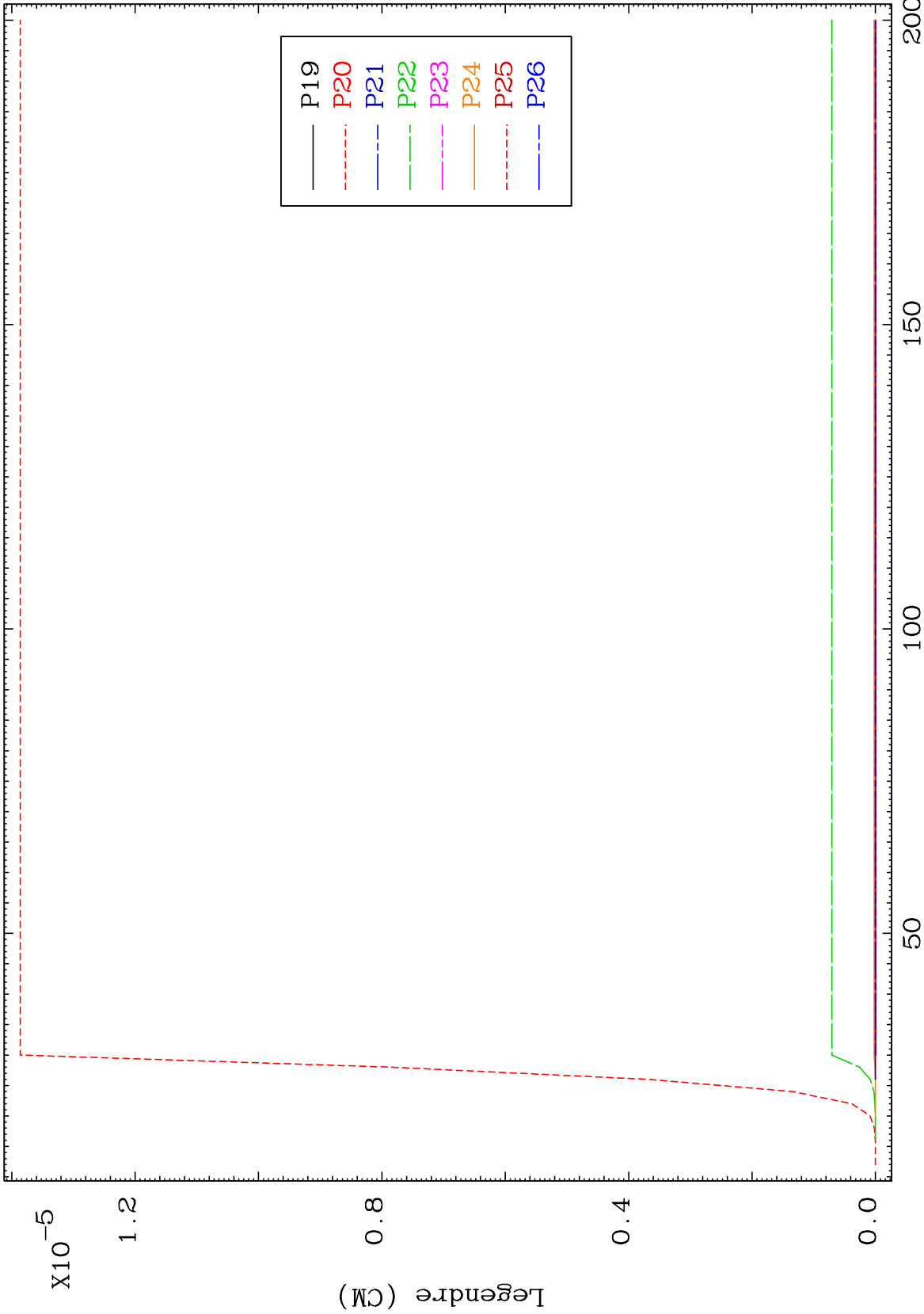
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

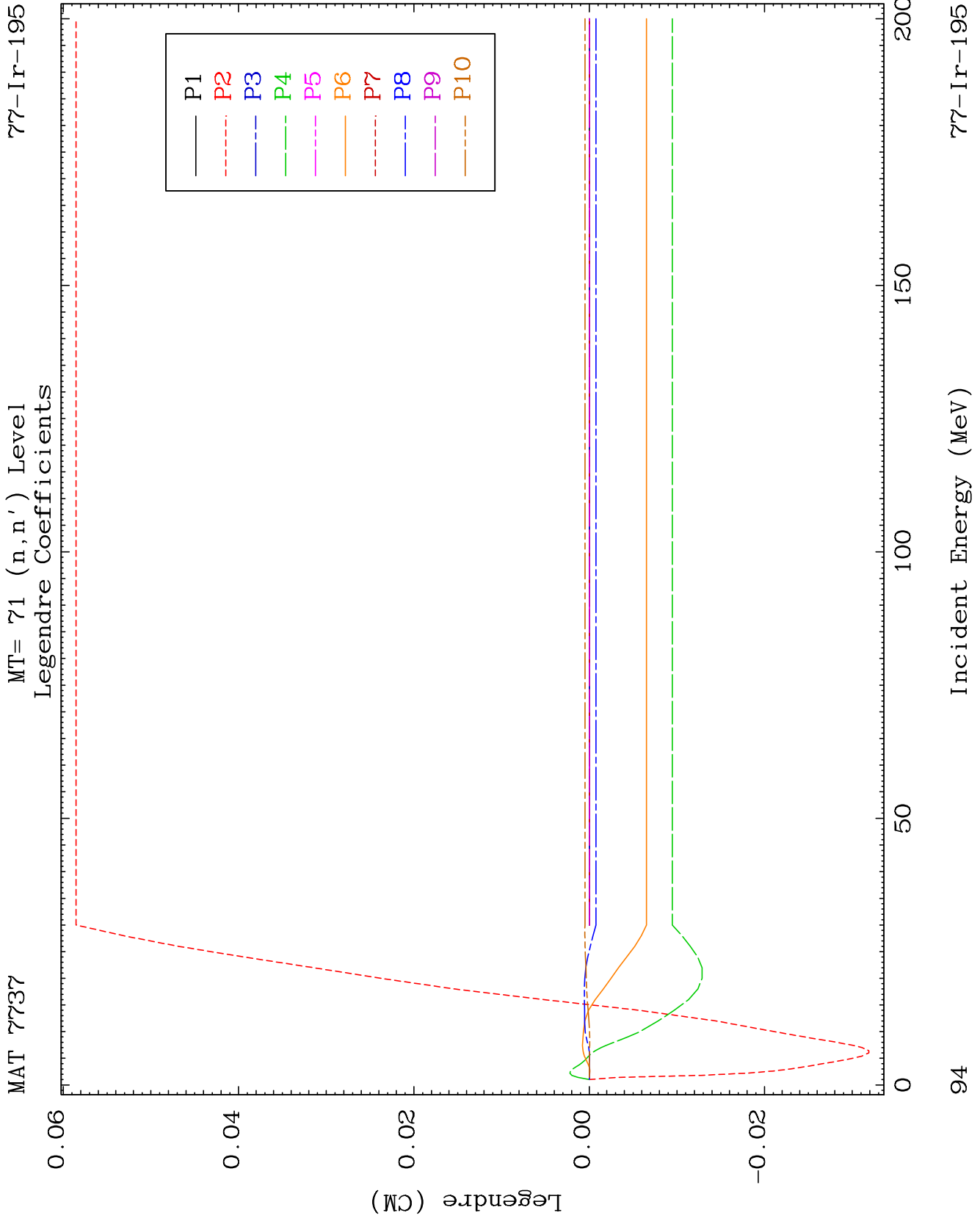
77-Ir-195



93

Incident Energy (MeV)

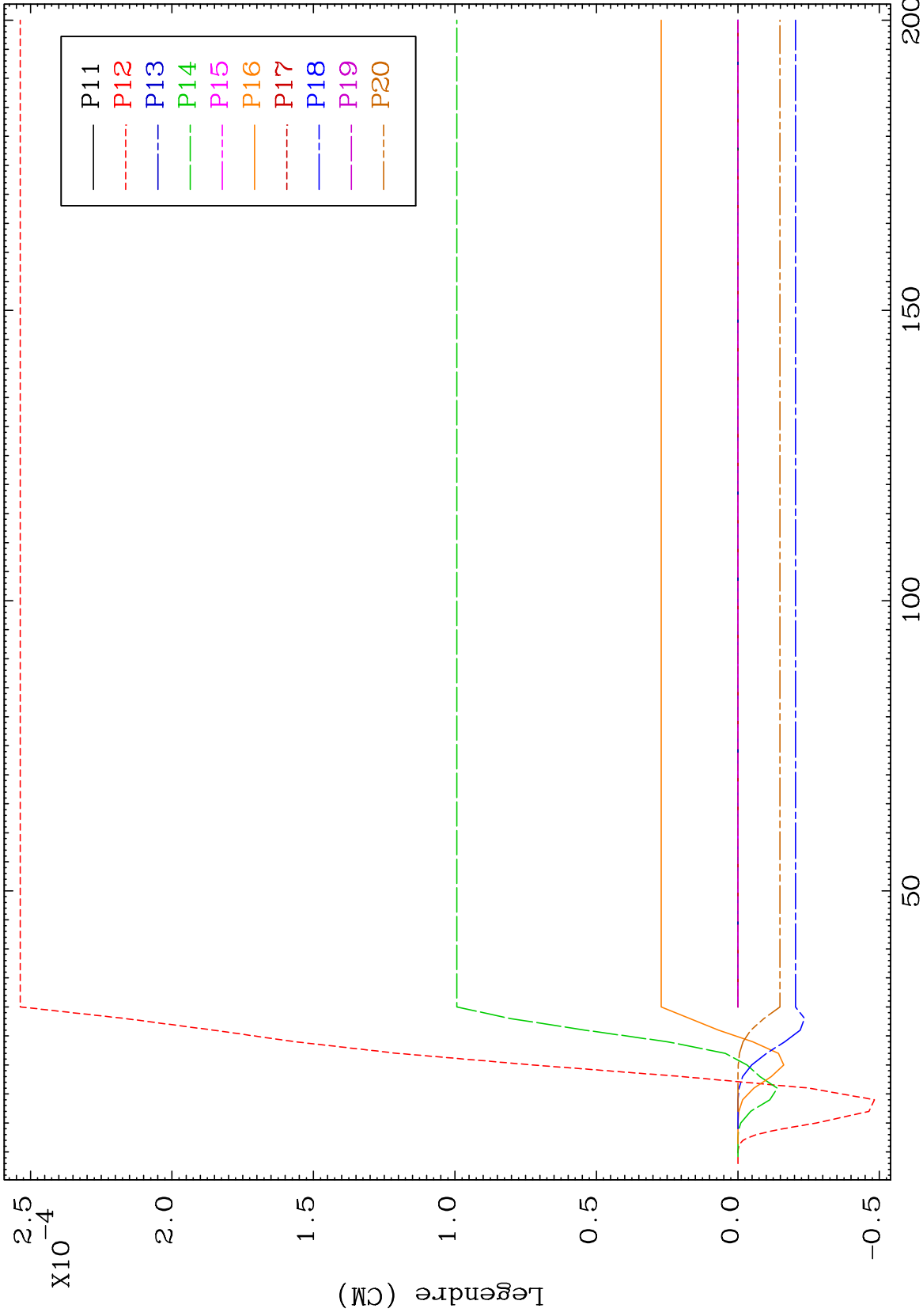
77-Ir-195



MAT 7737

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

77-Ir-195



95

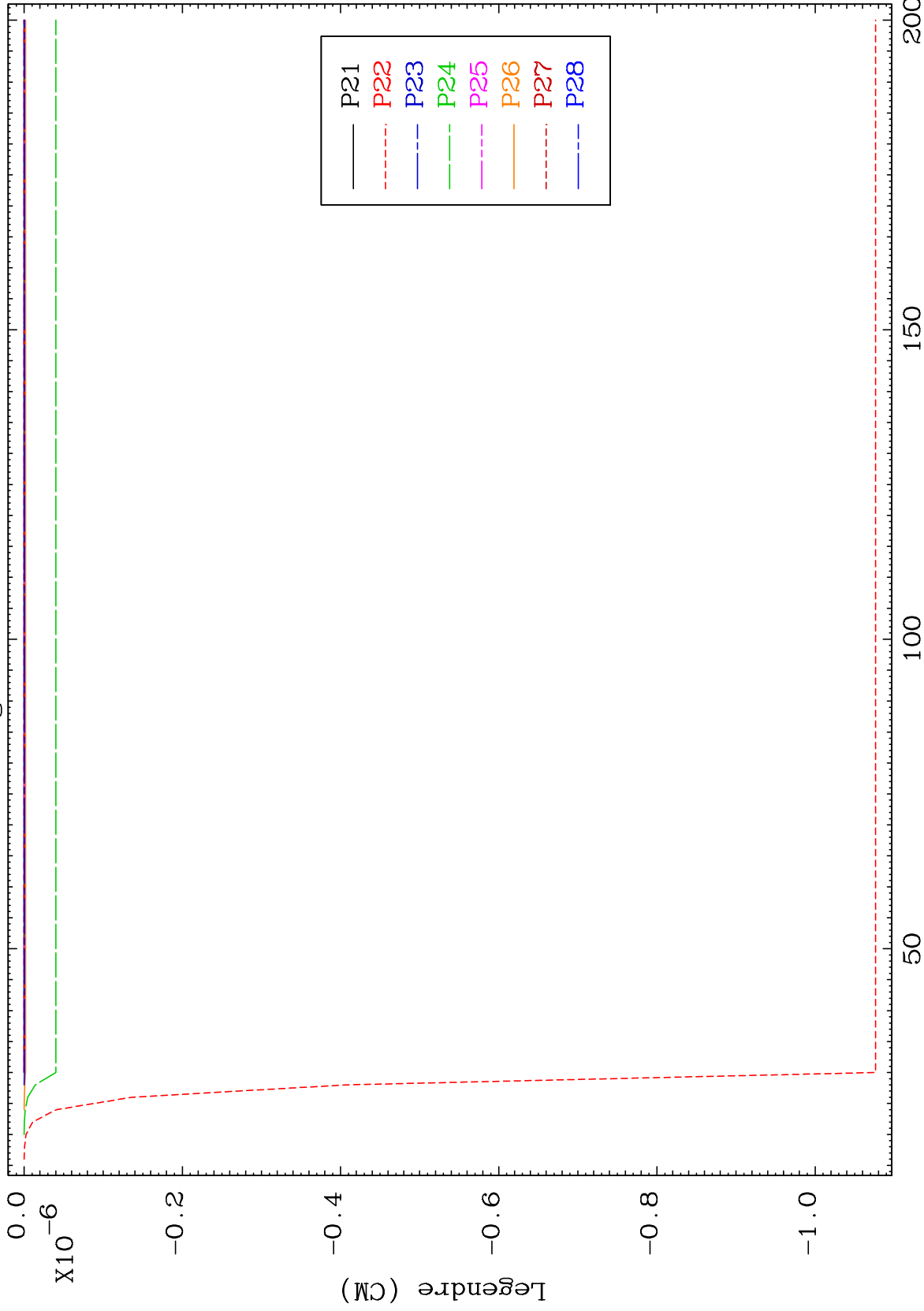
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



96

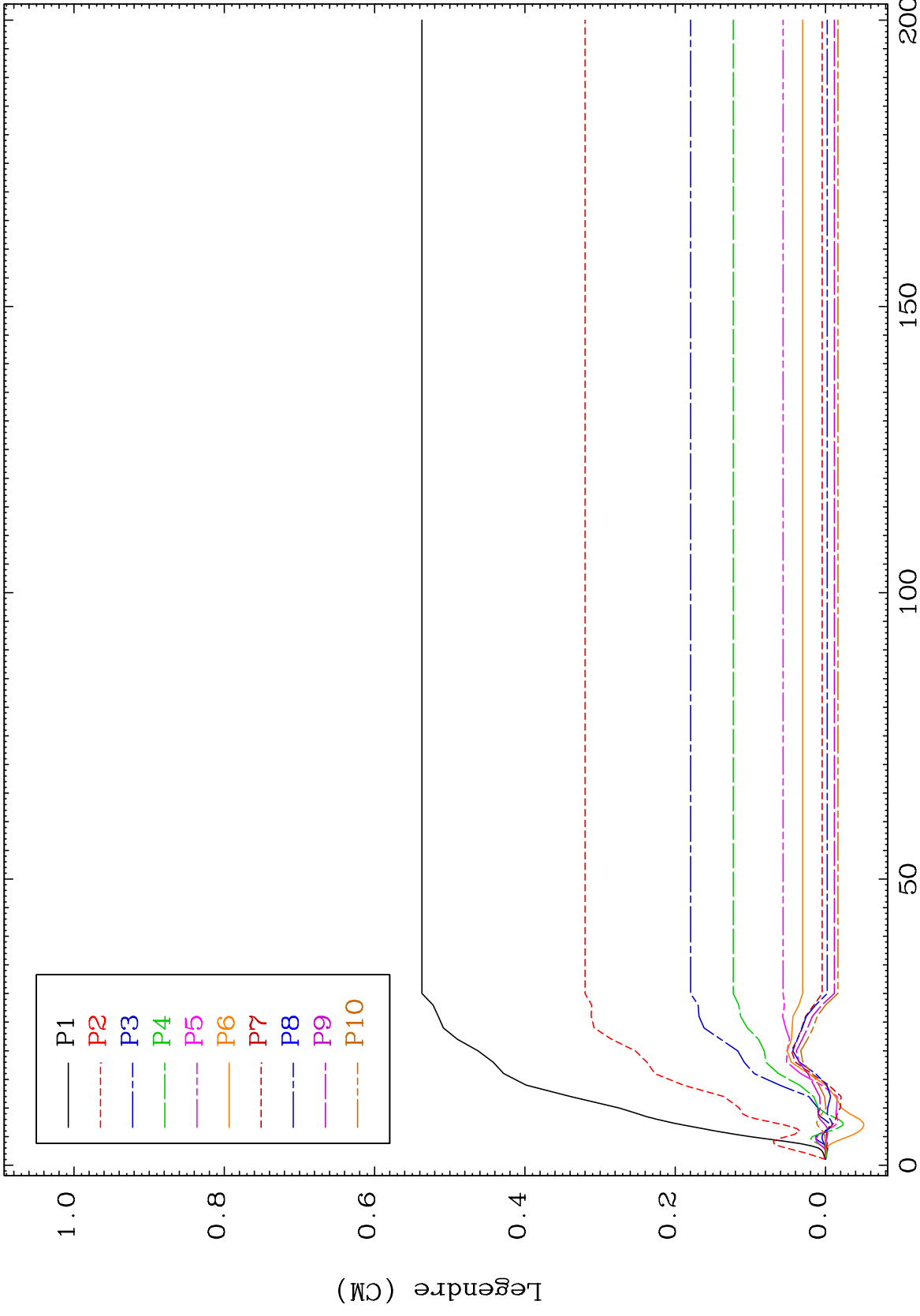
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



97

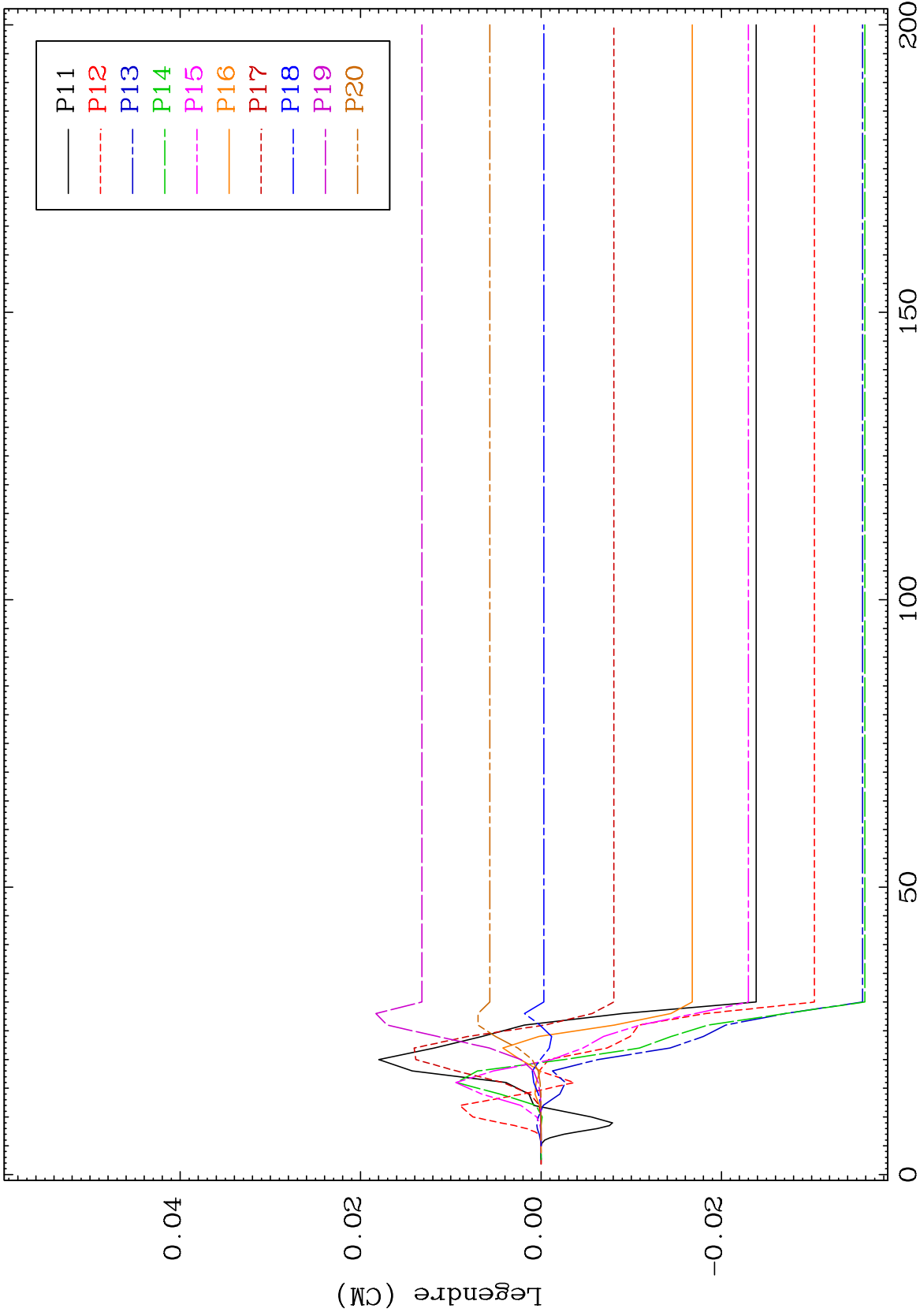
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



98

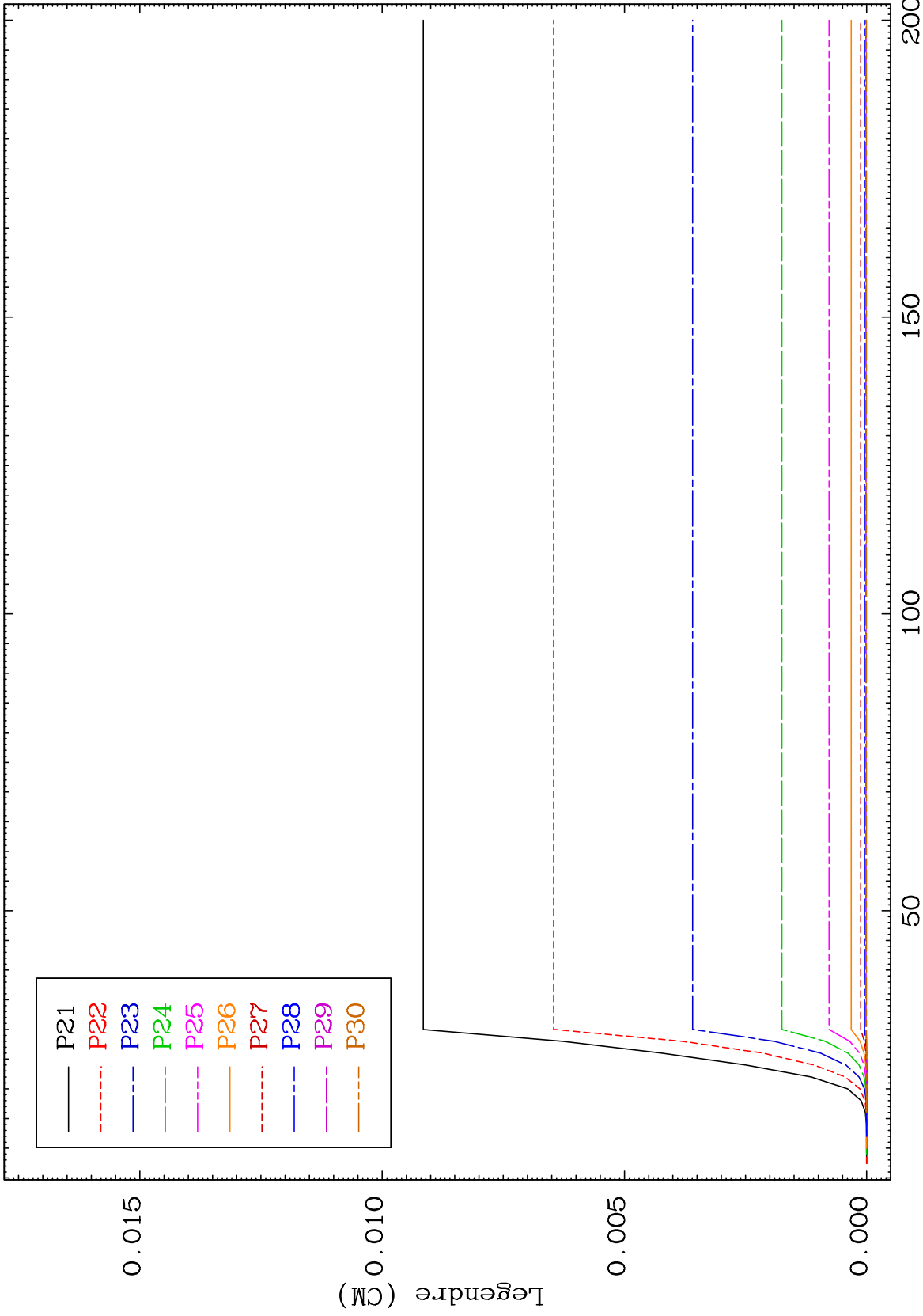
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



99

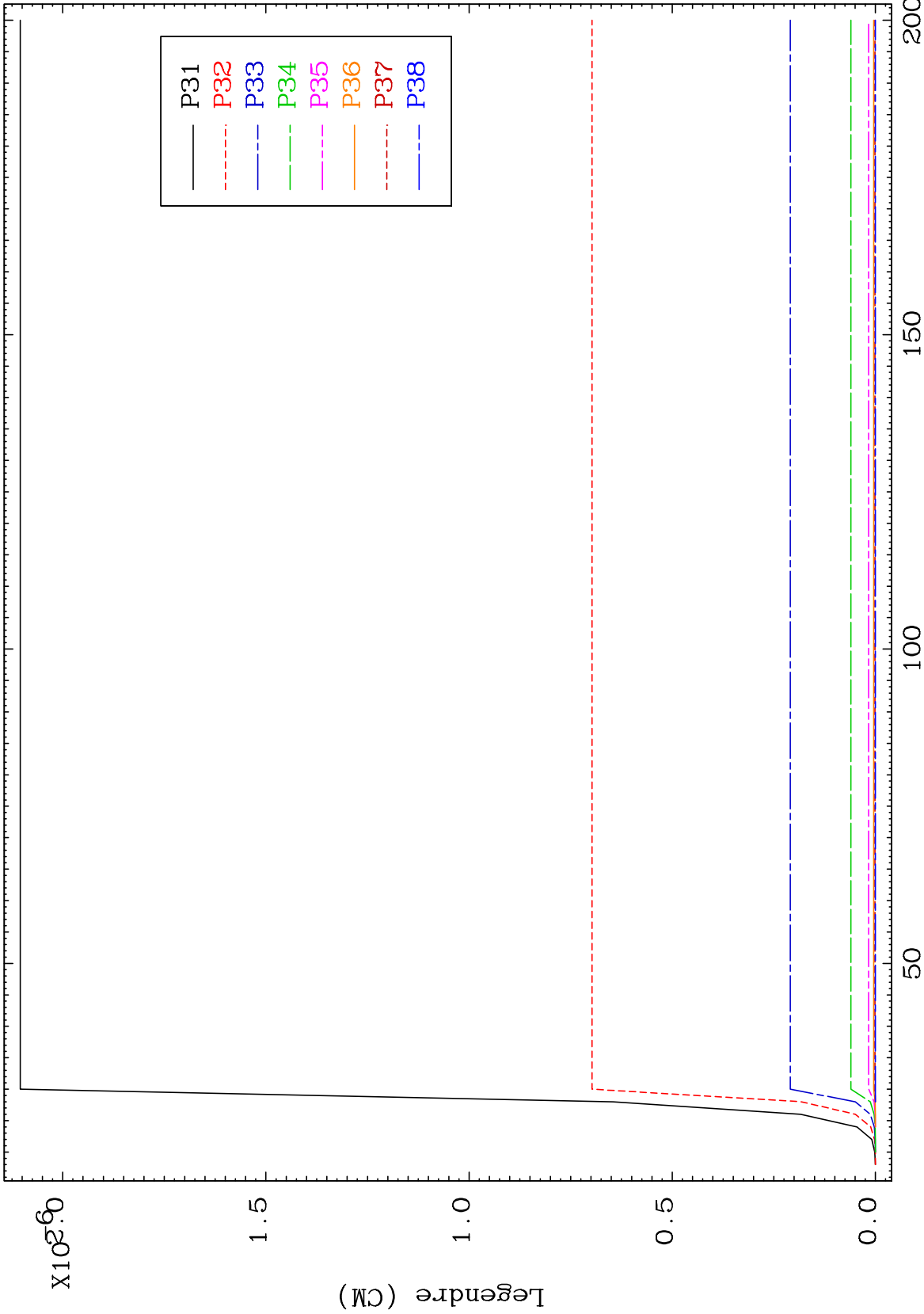
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



77-Ir-195

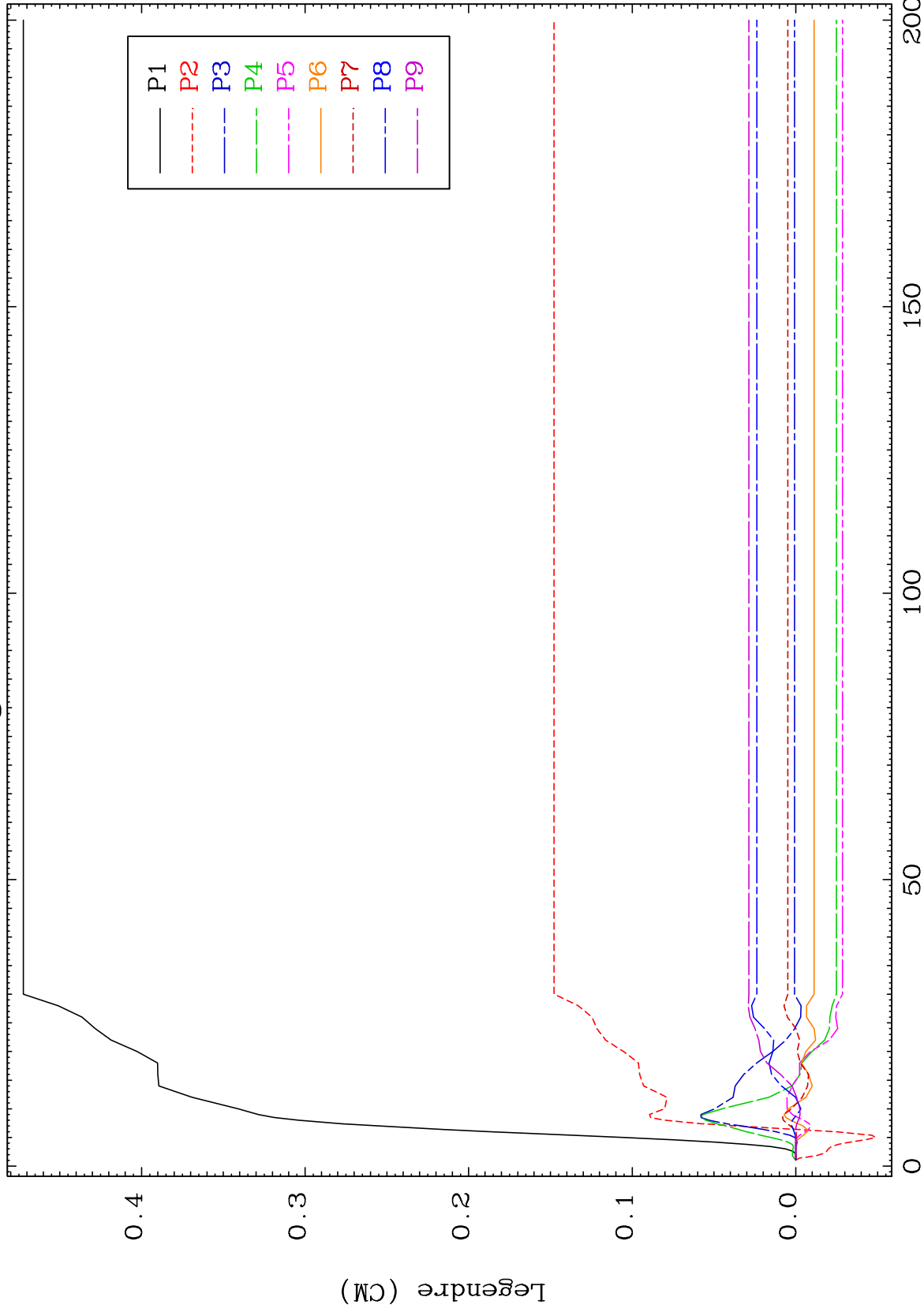
Incident Energy (MeV)

Legendre (CM)

MAT 7737

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

77-Ir-195



77-Ir-195

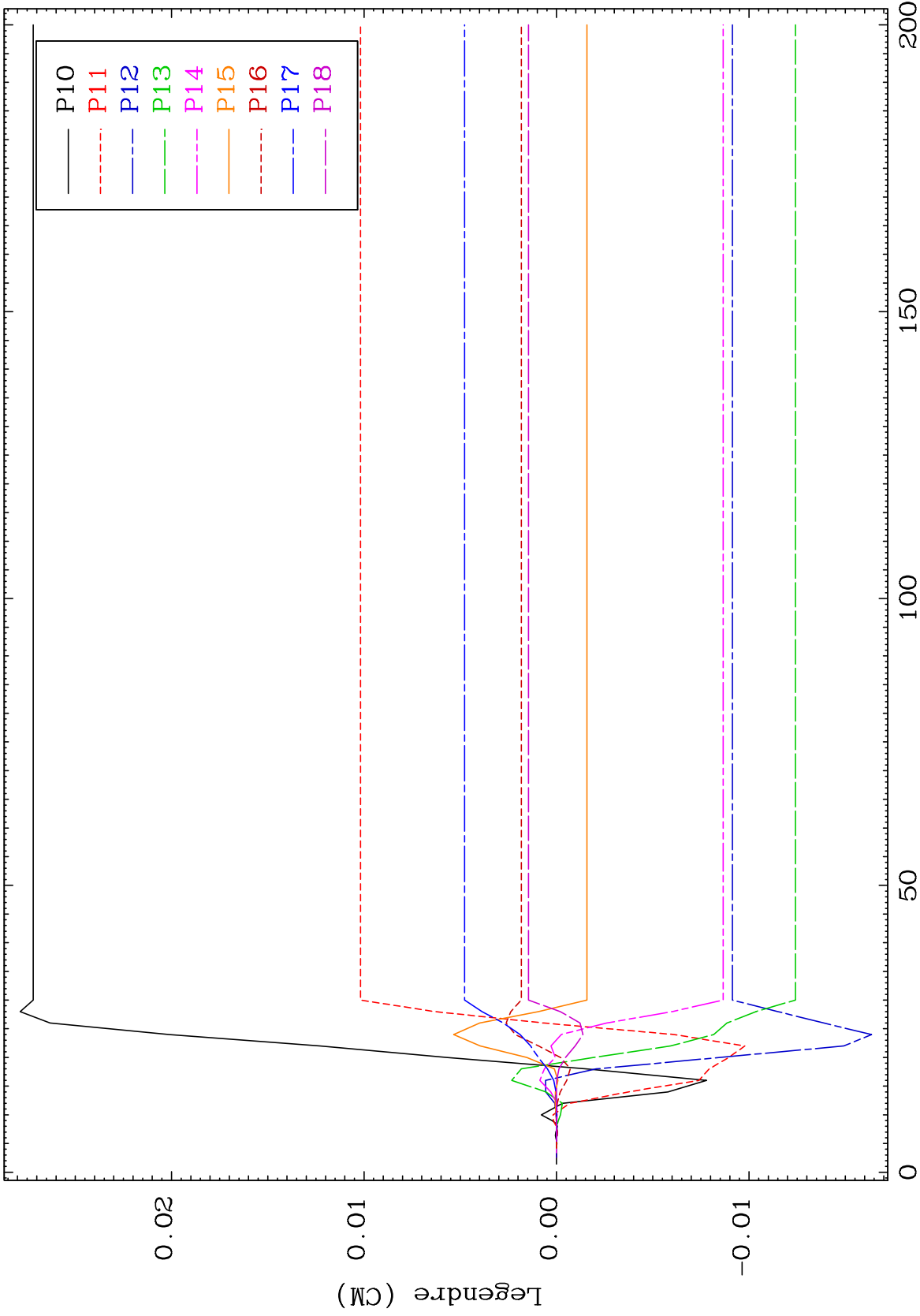
Incident Energy (MeV)

101

MAT 7737

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

77-Ir-195



102

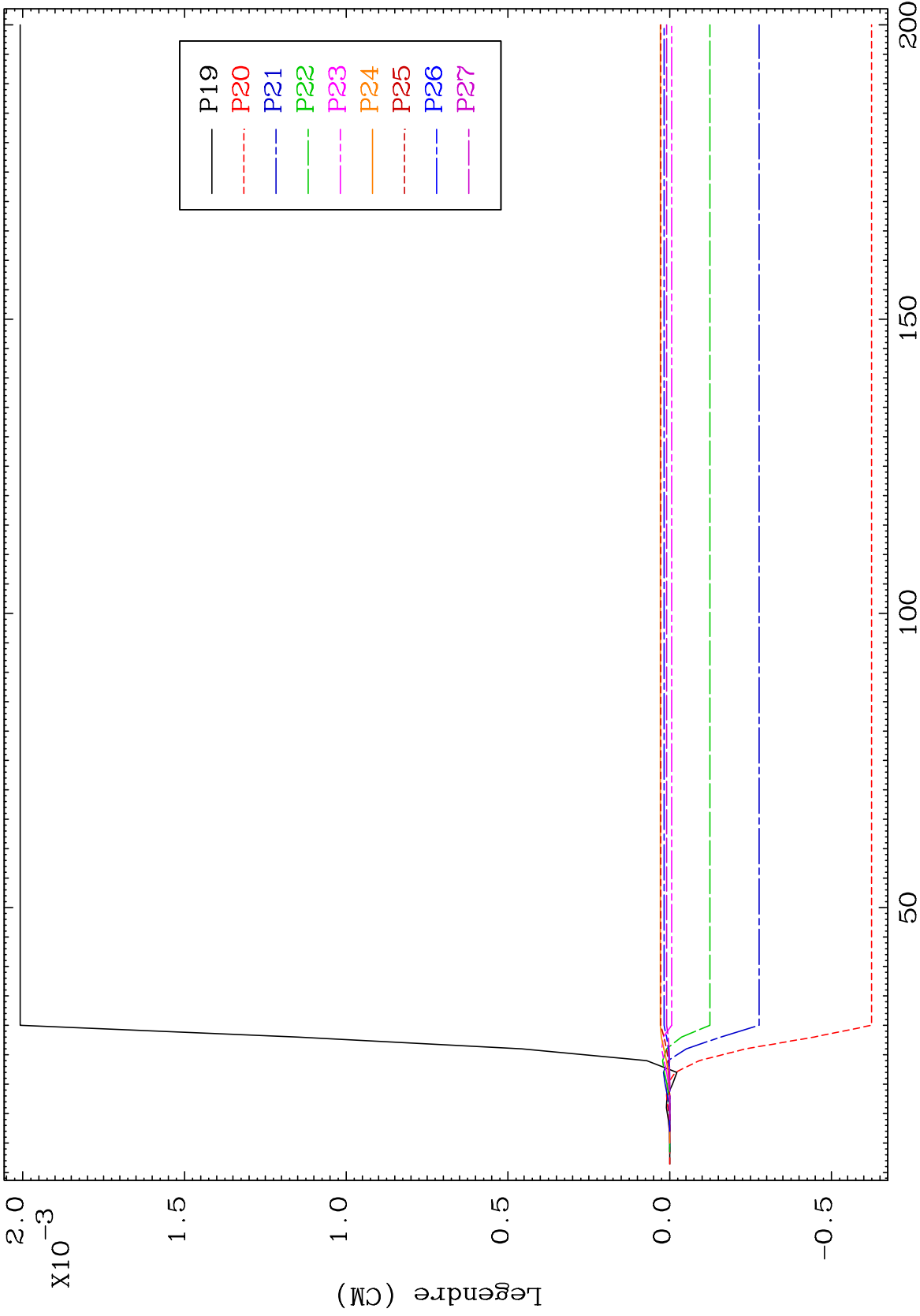
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



103

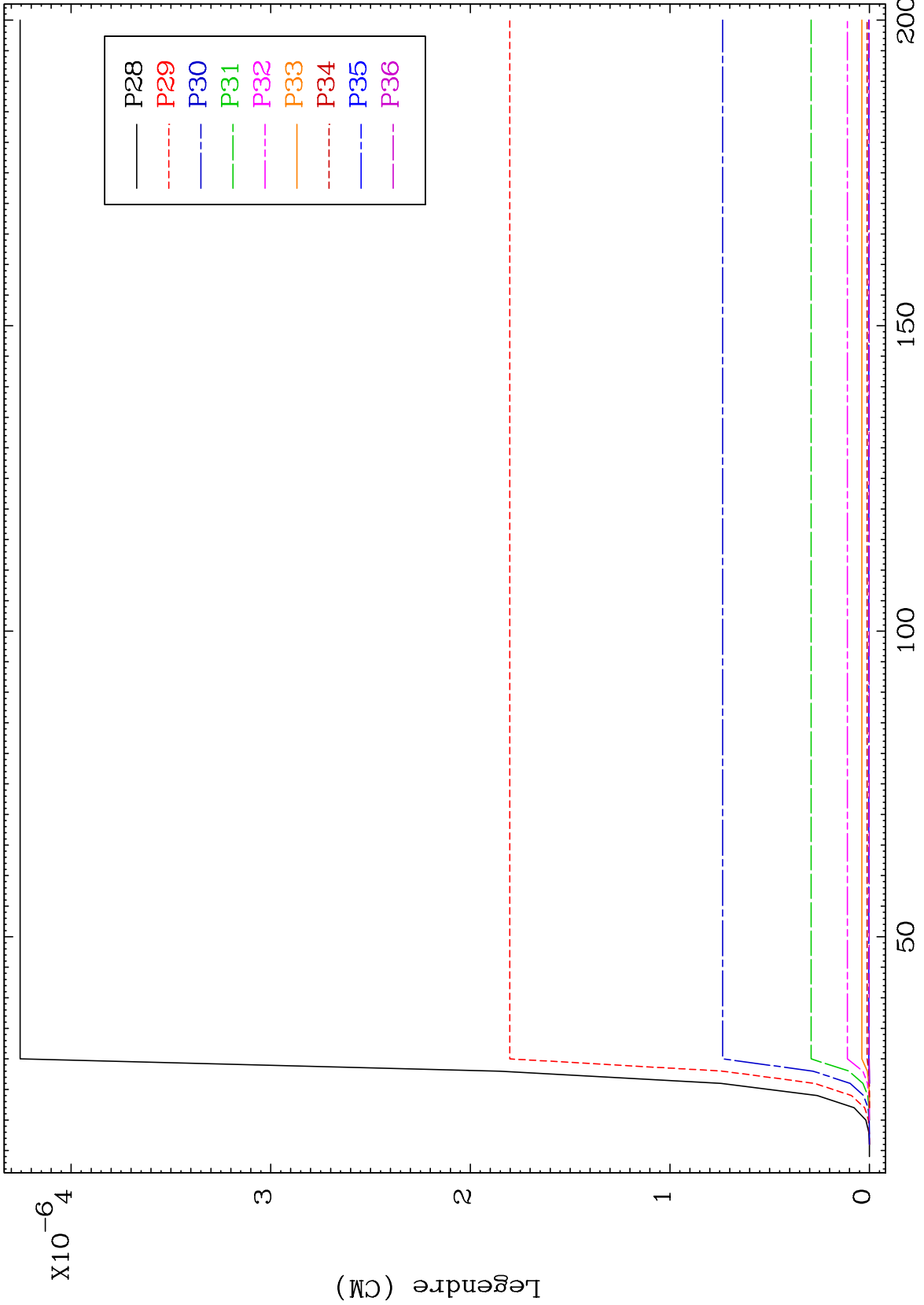
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



104

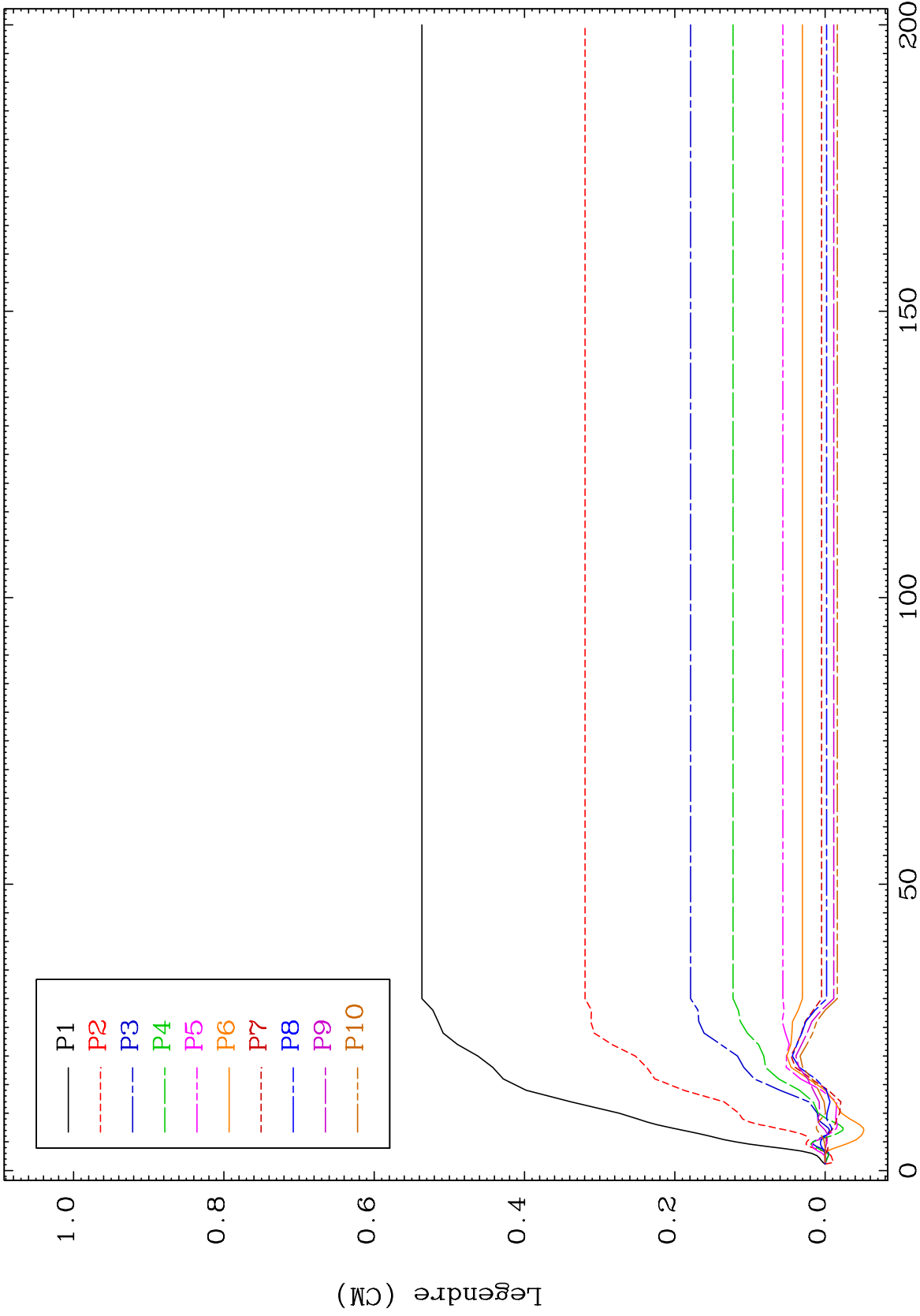
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



105

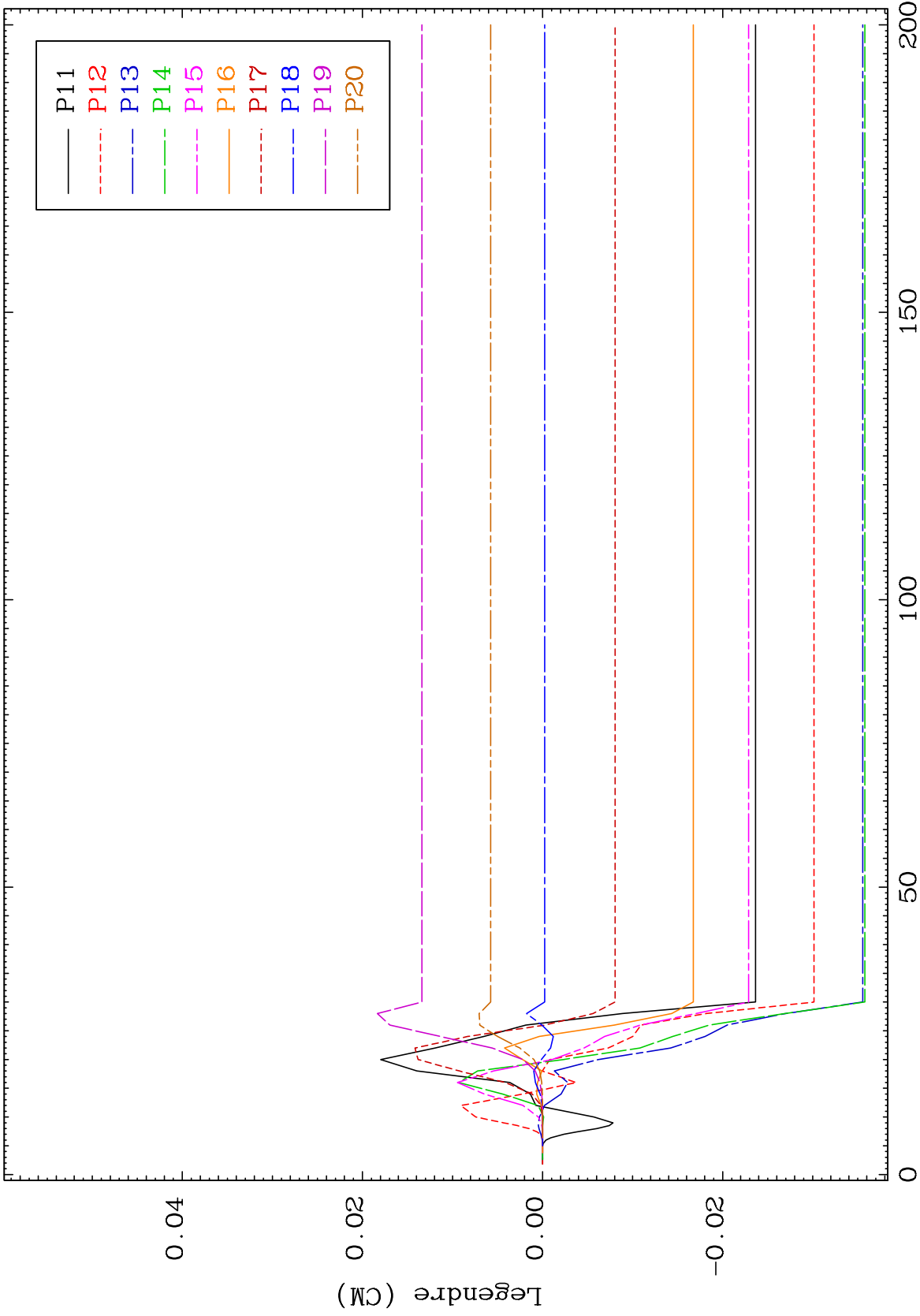
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



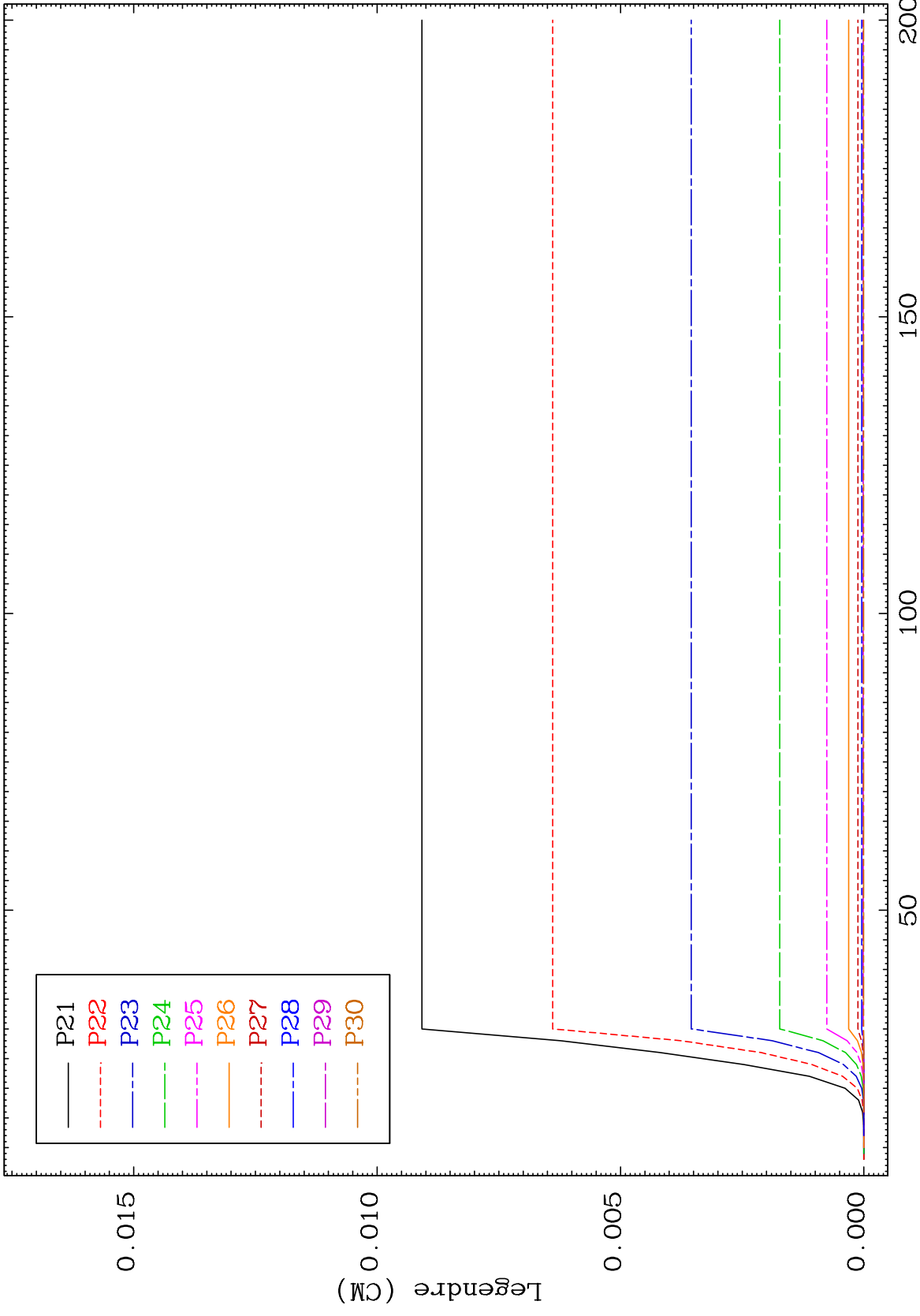
106

77-Ir-195

MAT 7737

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

77-Ir-195



107

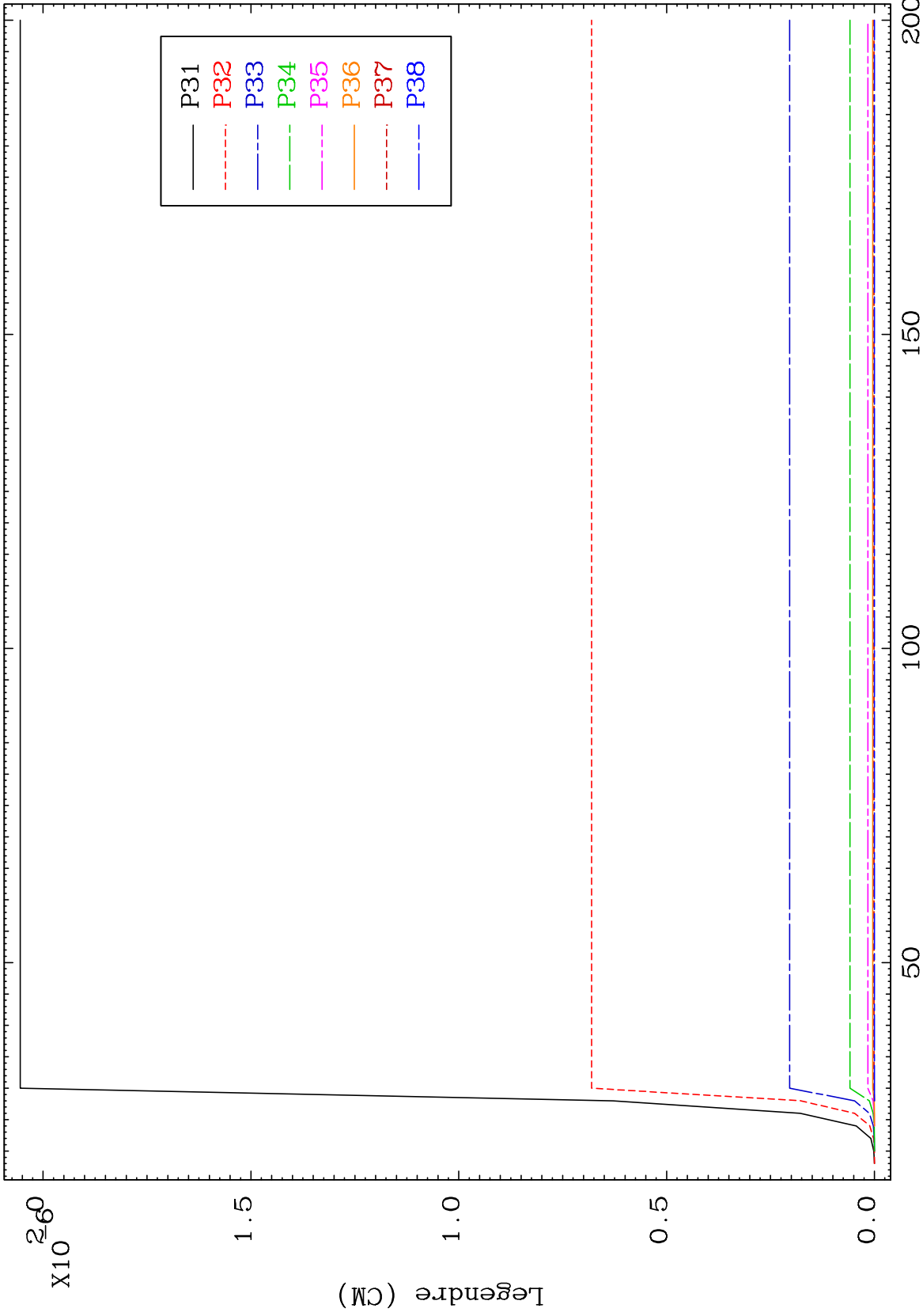
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



108

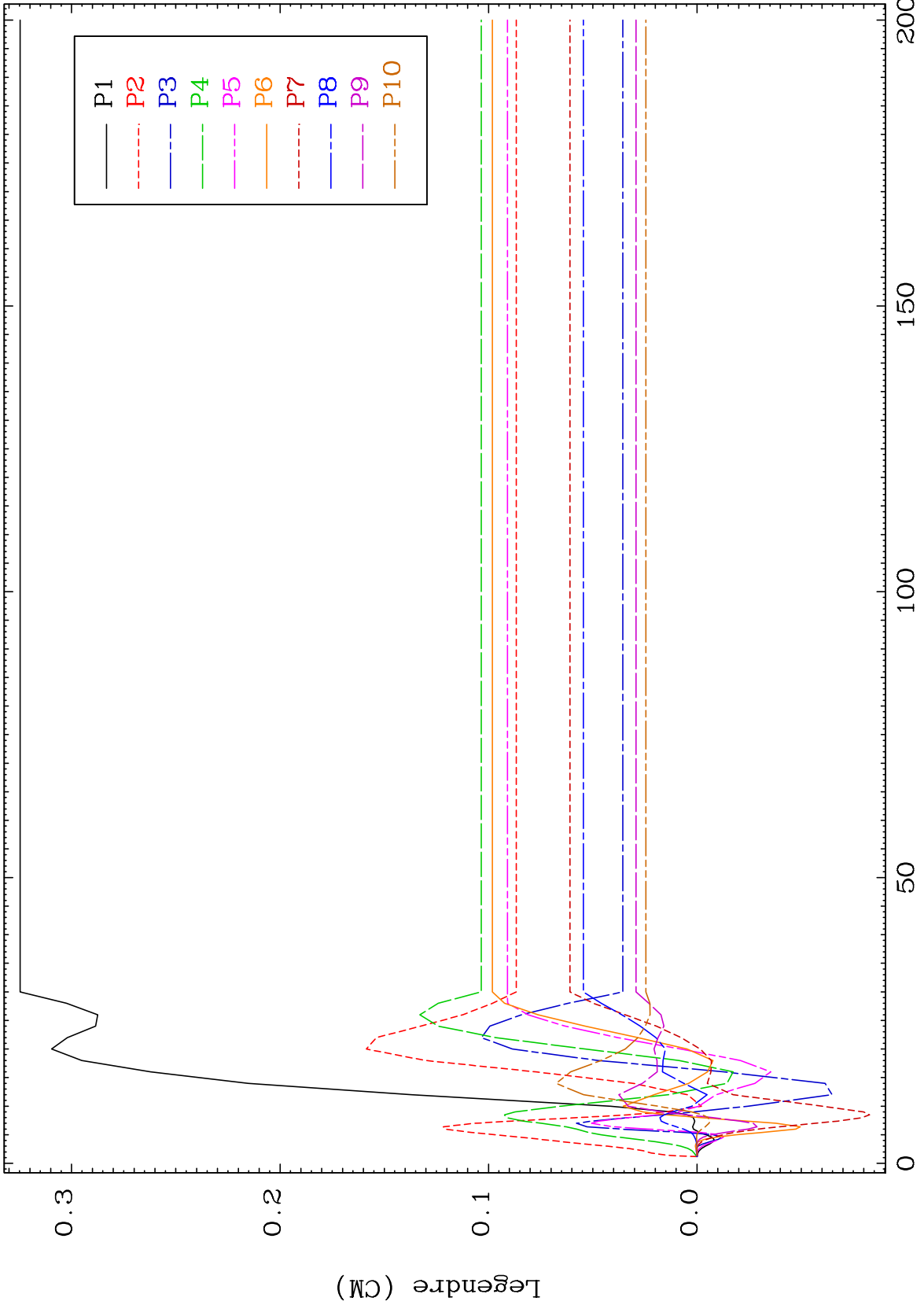
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



77-Ir-195

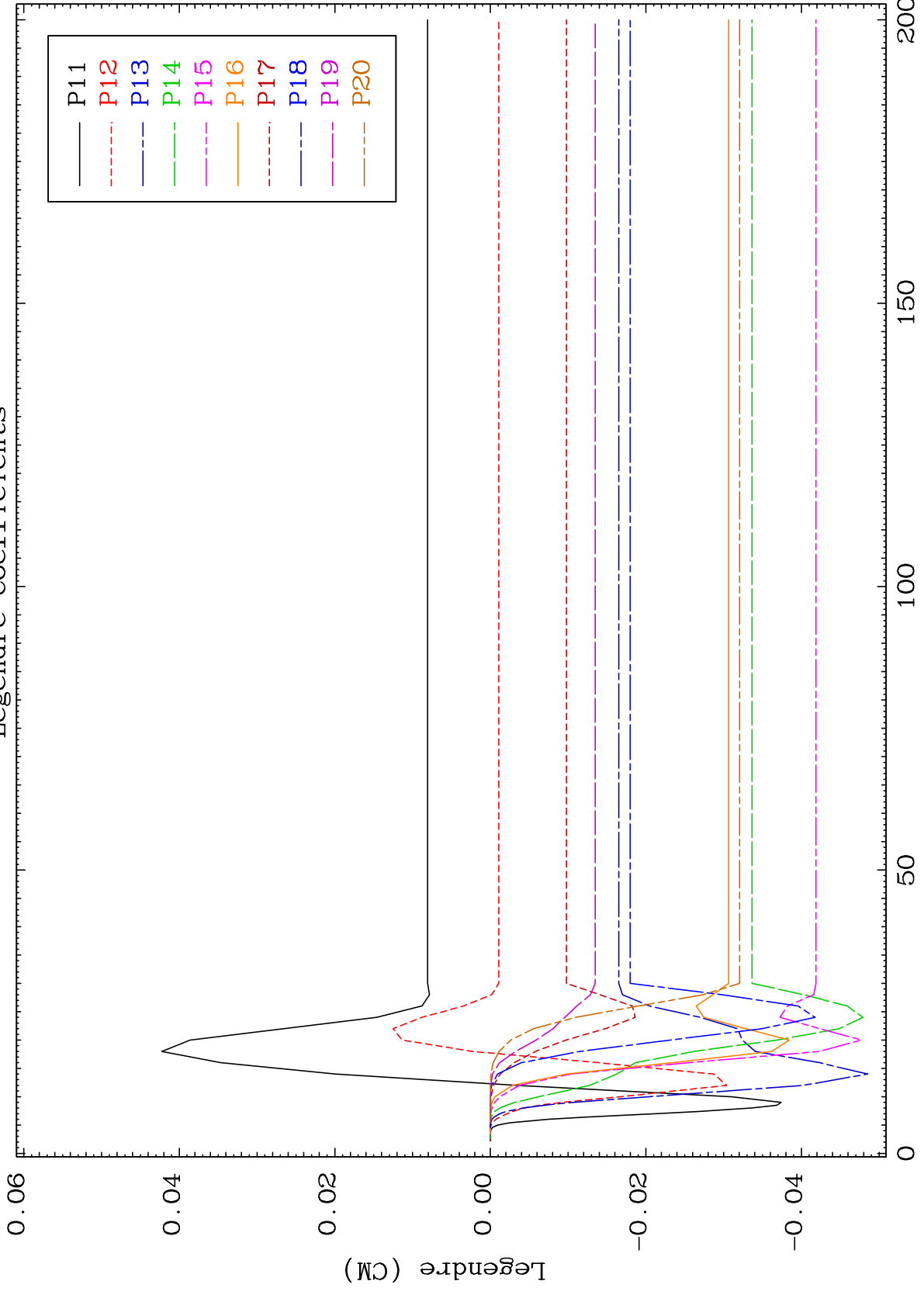
Incident Energy (MeV)

109

MAT 7737

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

77-Ir-195



77-Ir-195

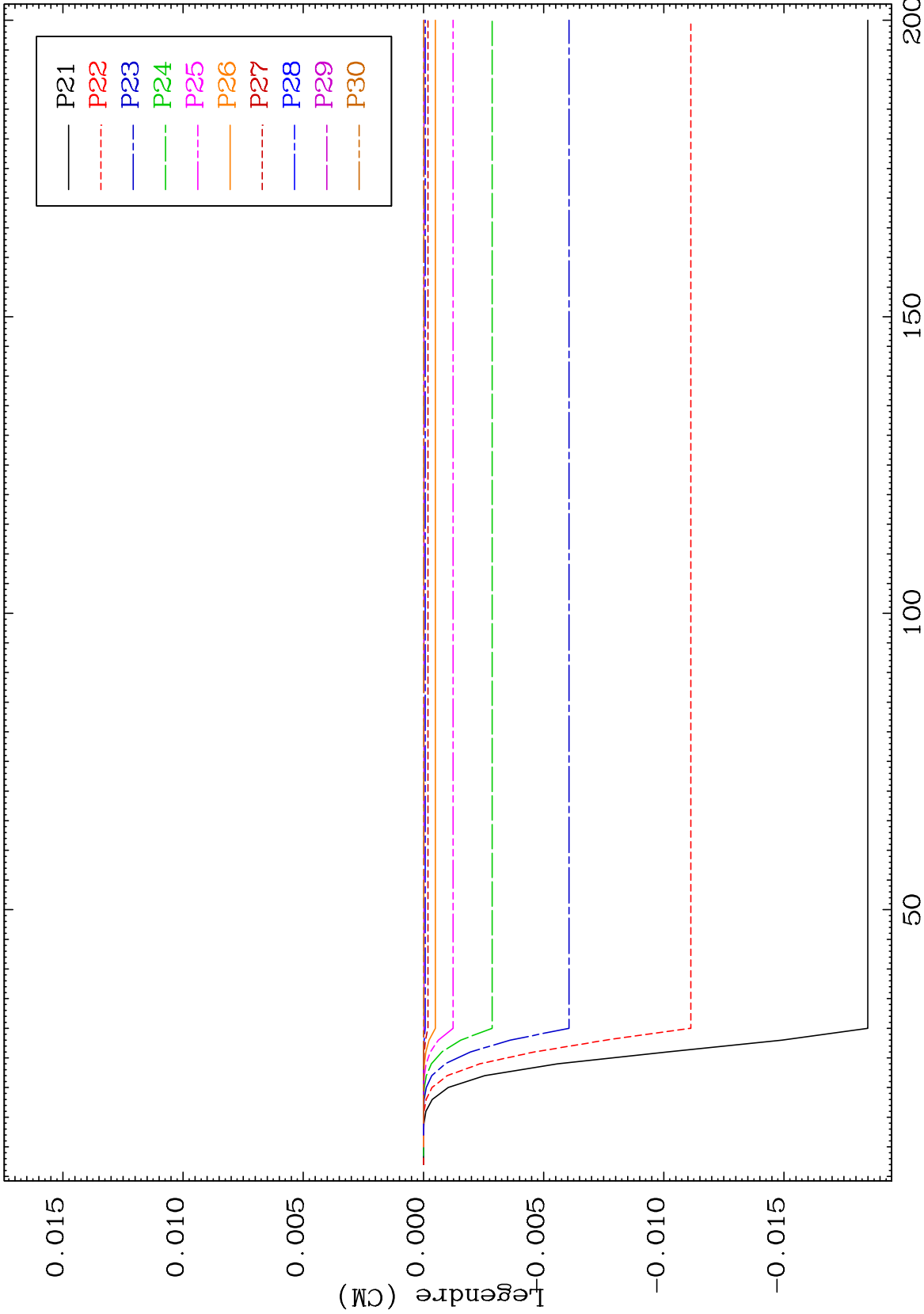
Incident Energy (MeV)

110

MAT 7737

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

77-Ir-195



111

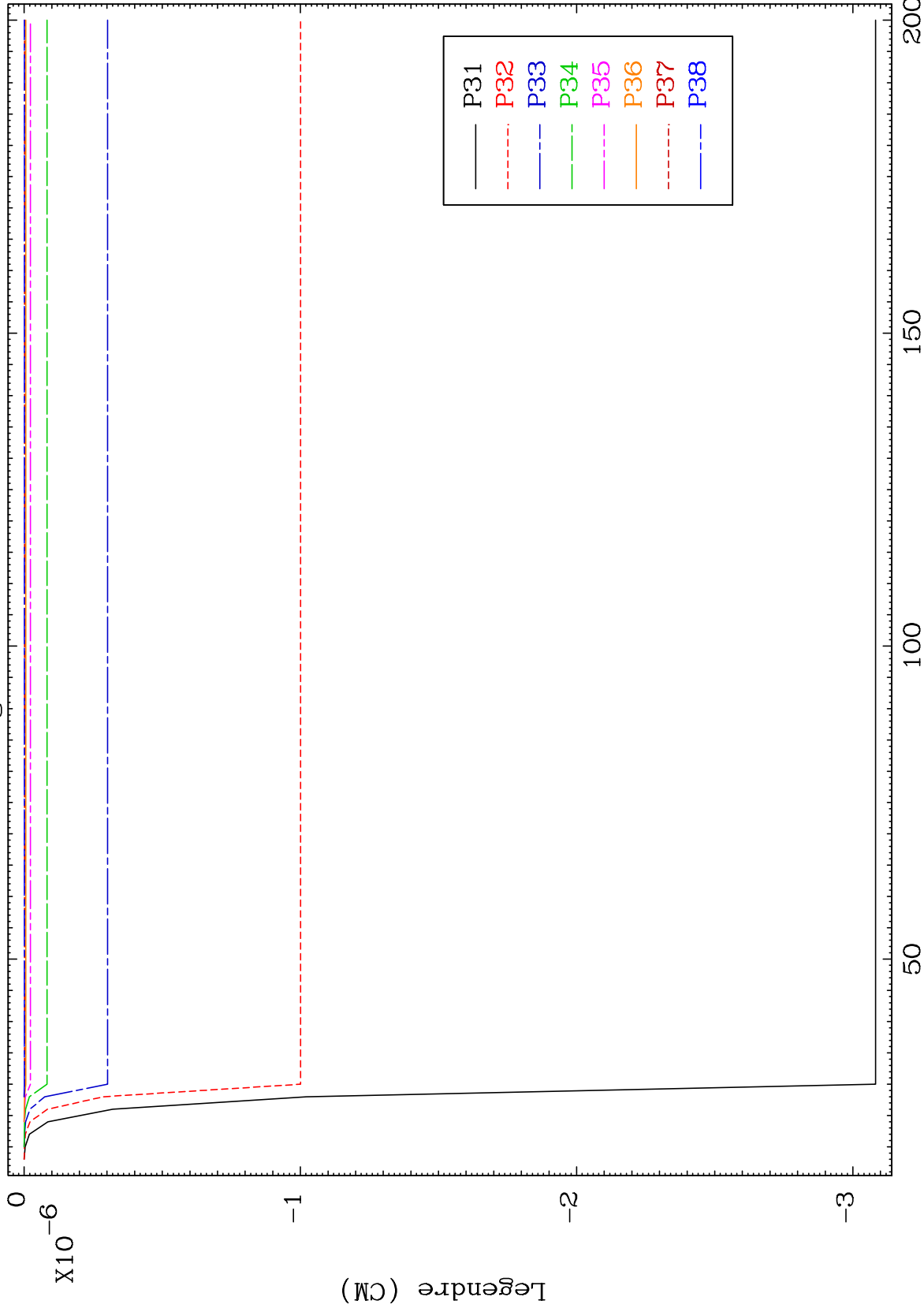
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



112

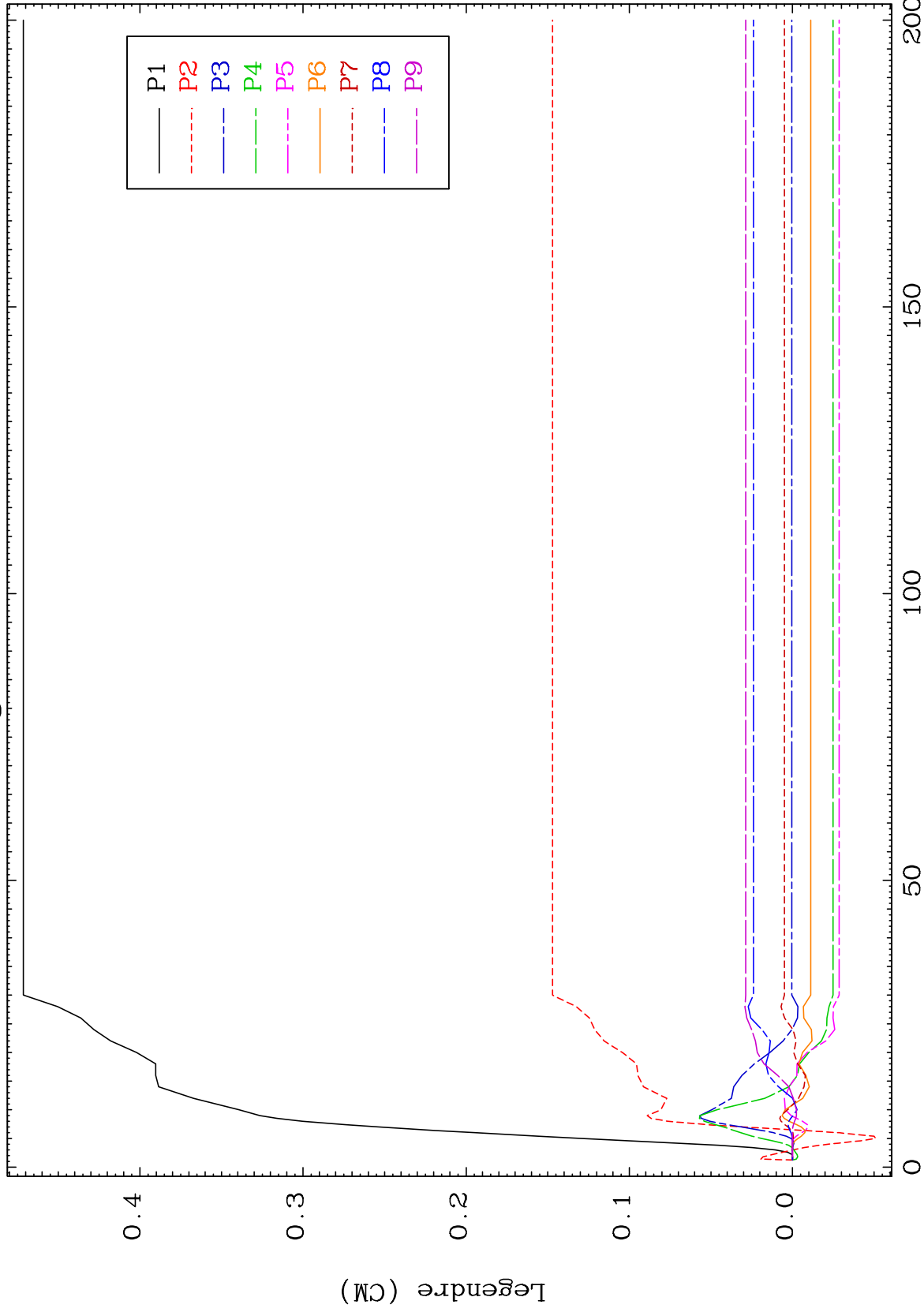
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



113

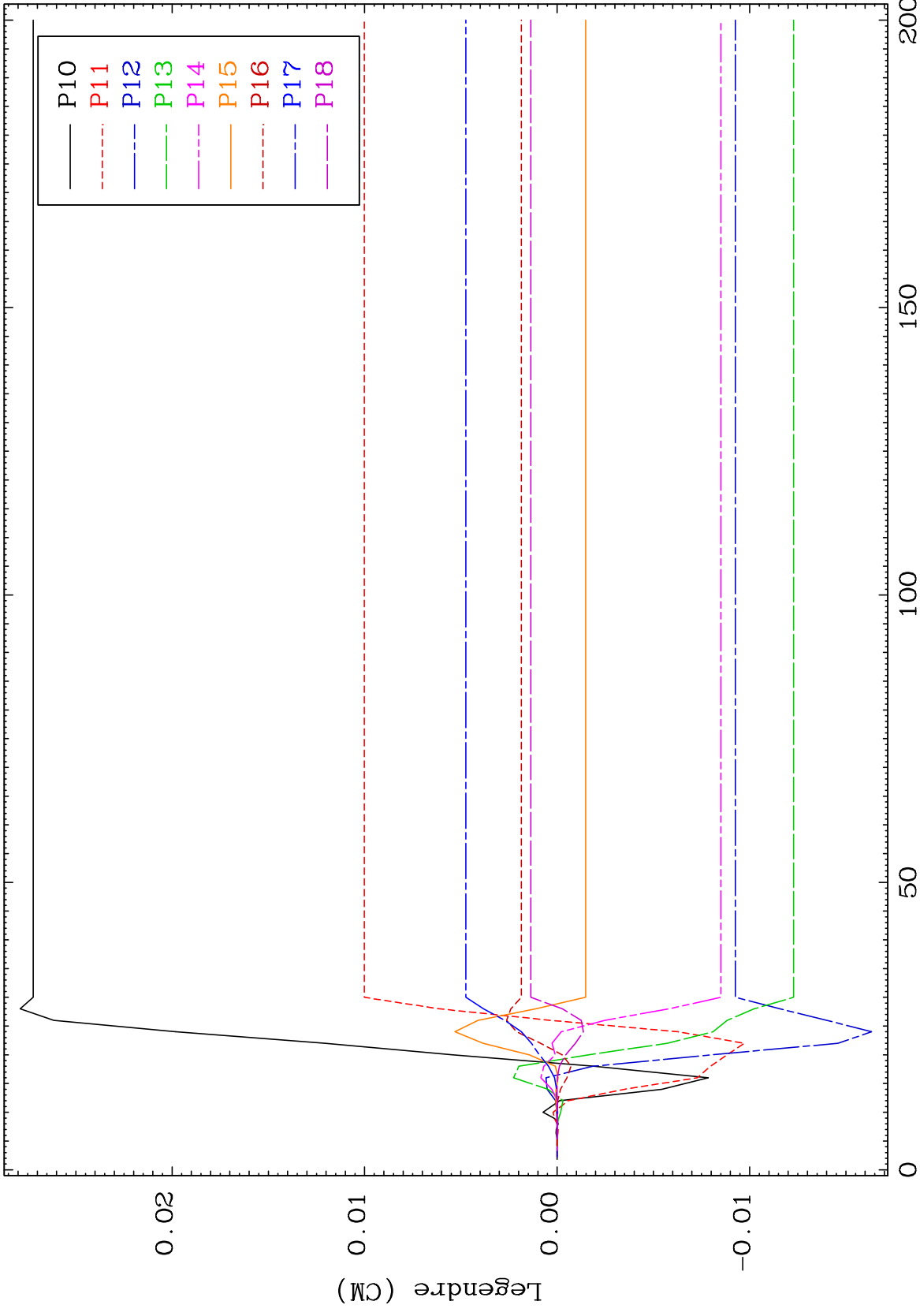
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



114

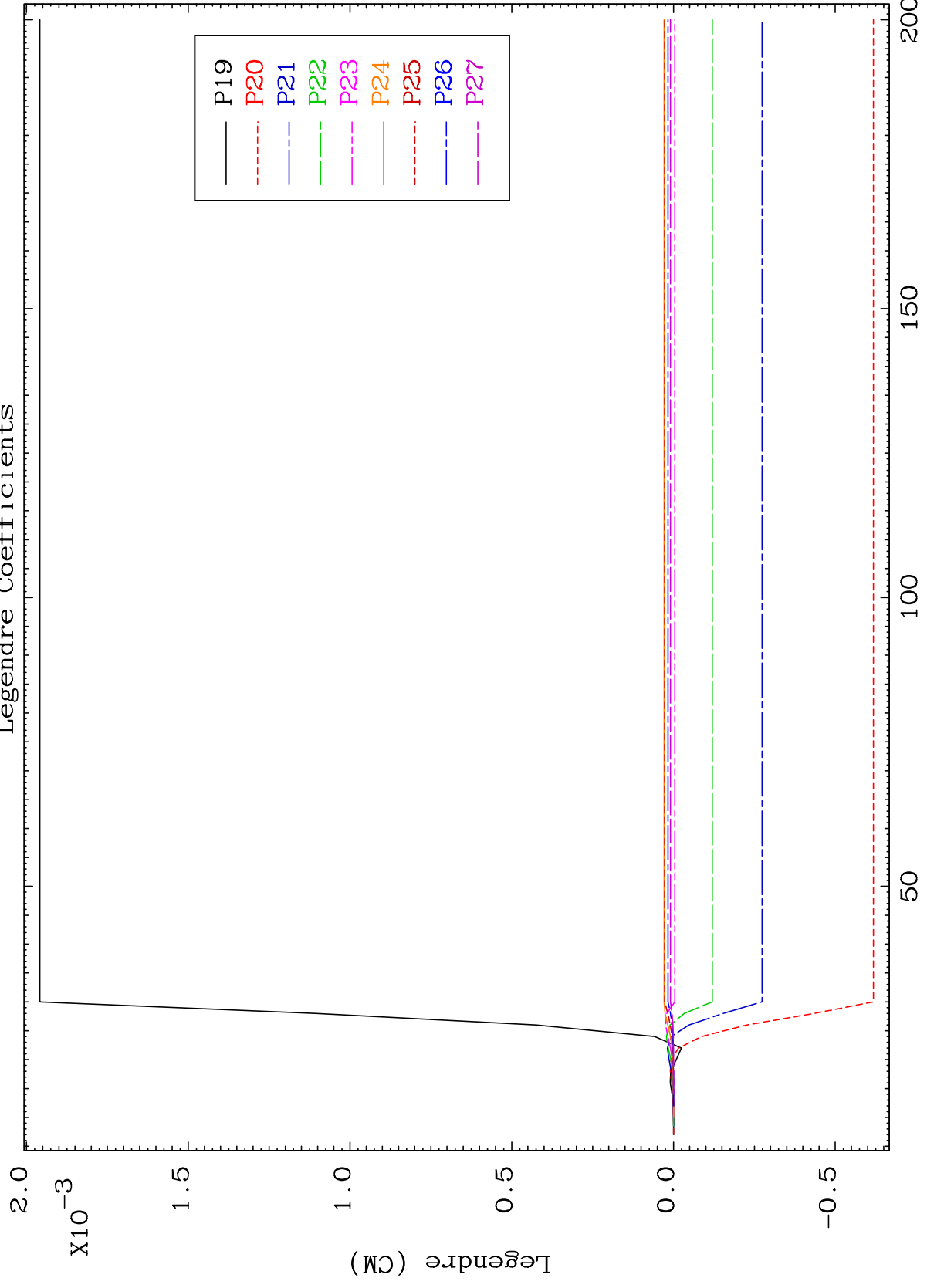
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



115

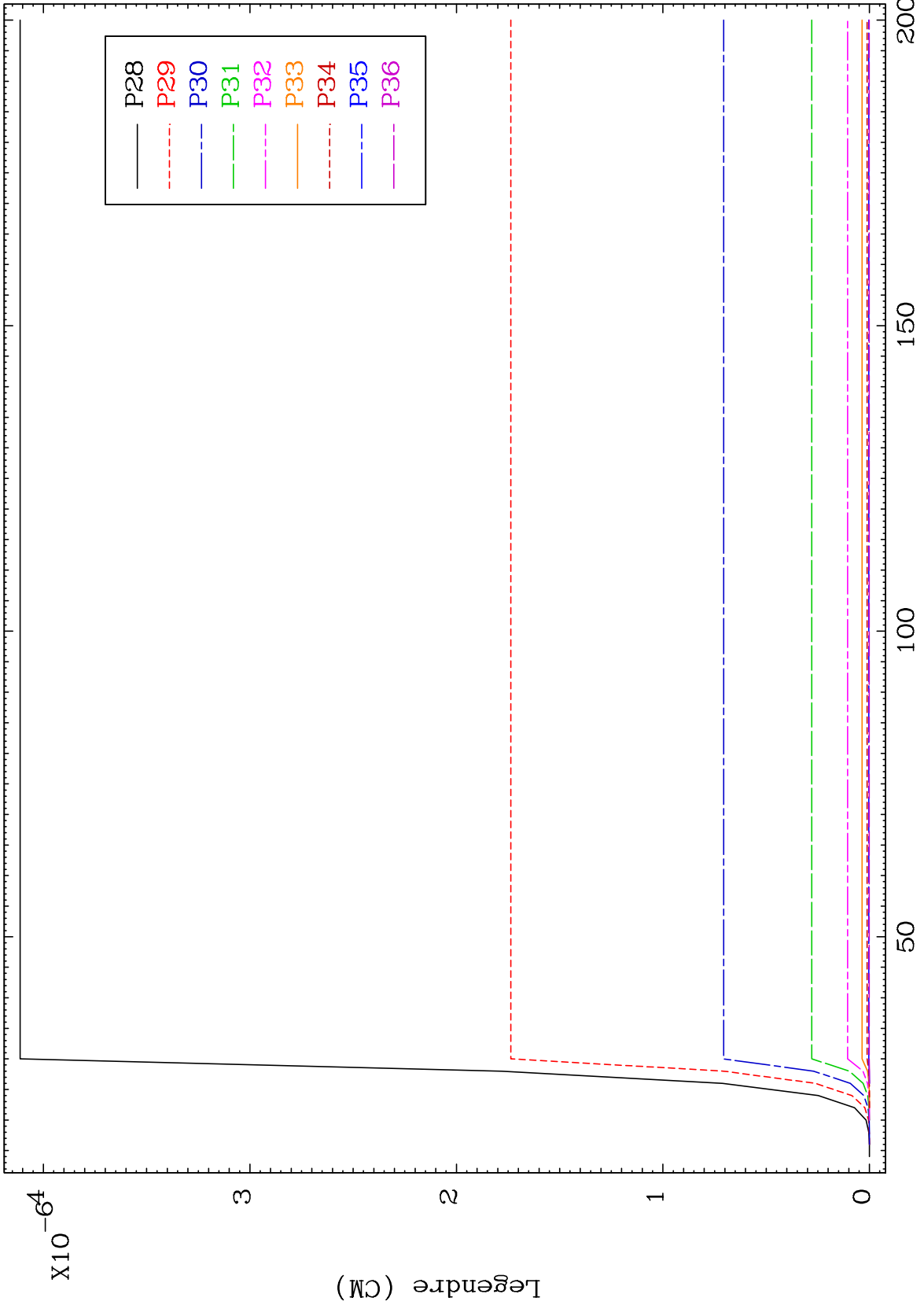
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



116

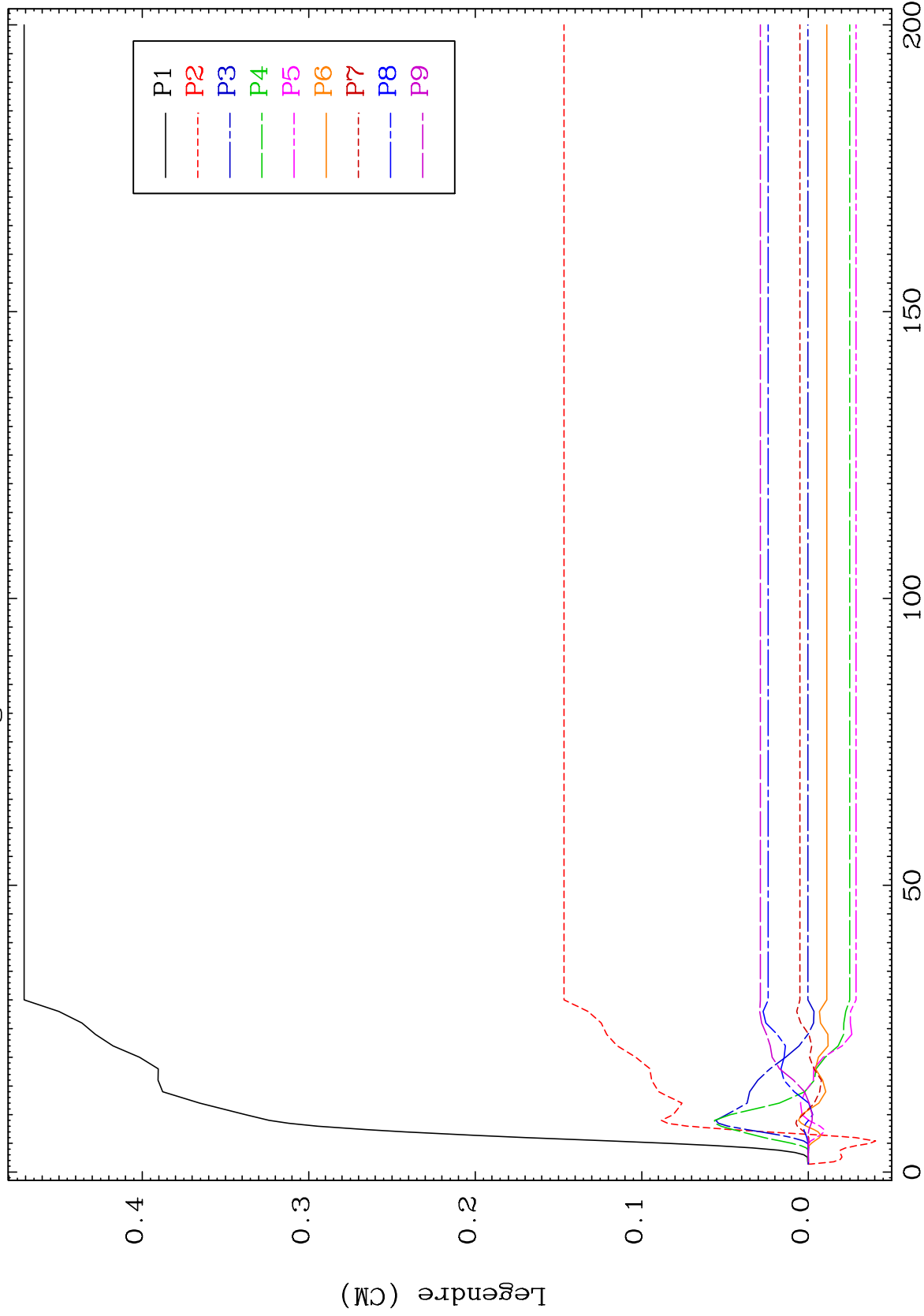
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



117

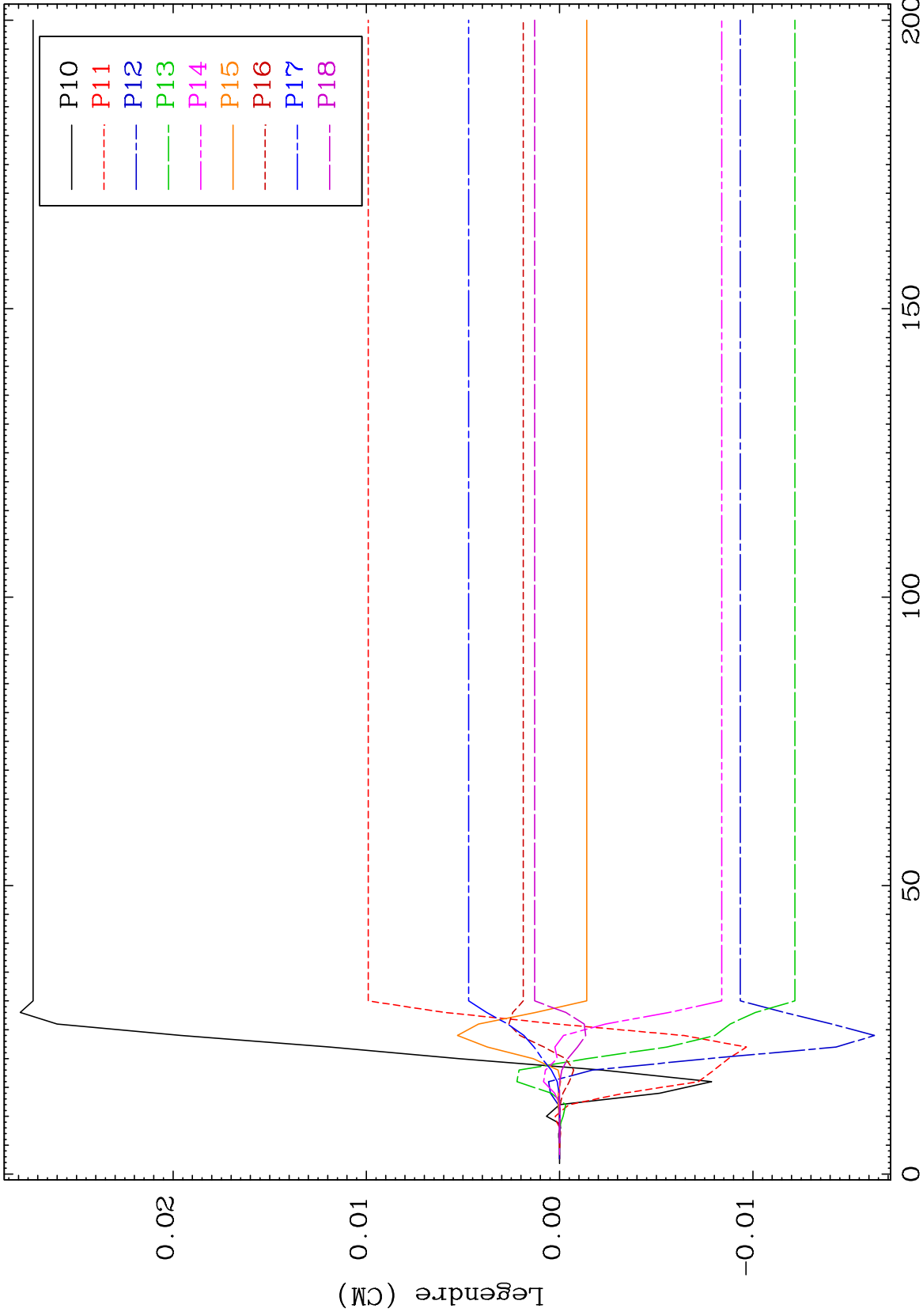
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



118

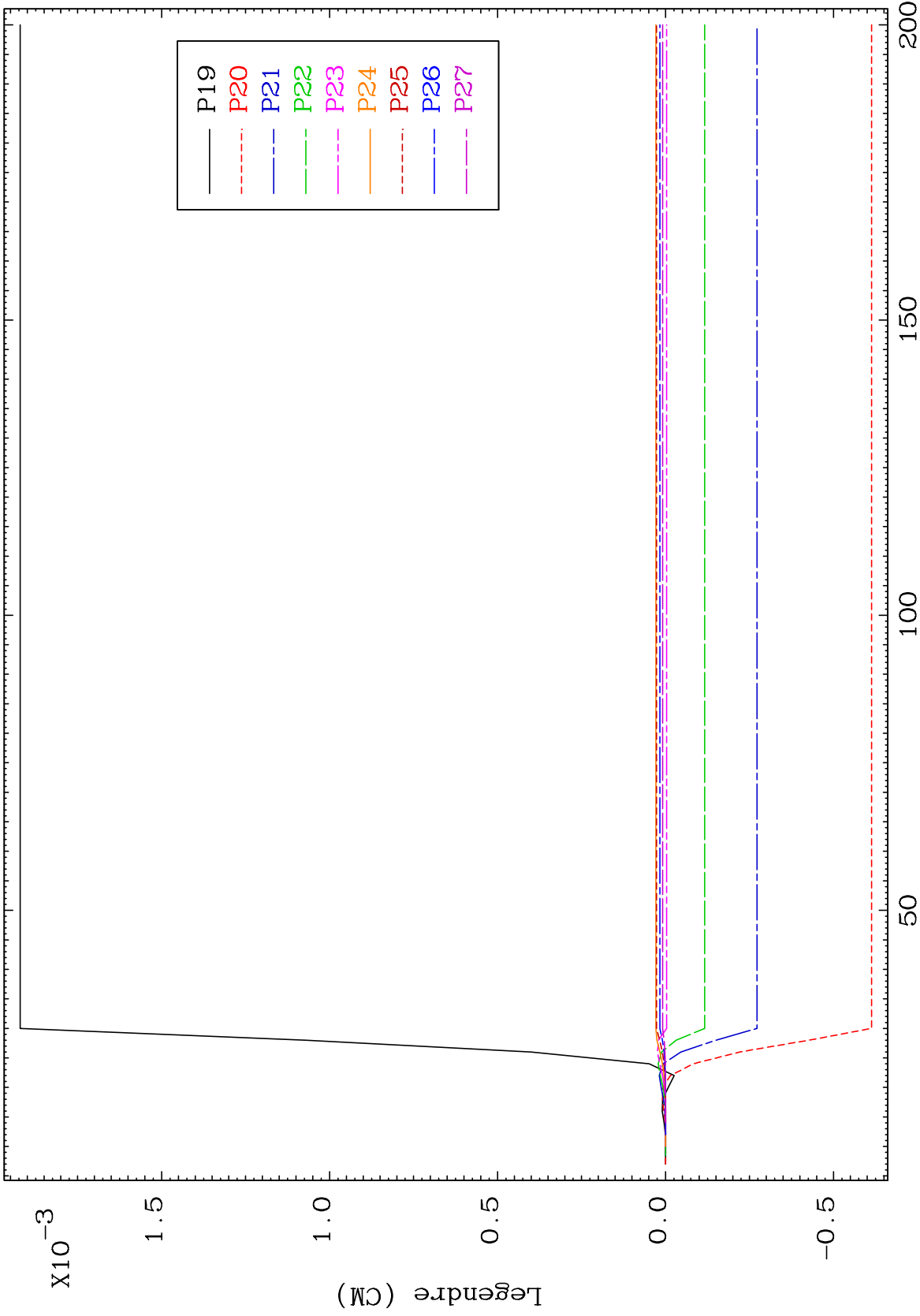
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



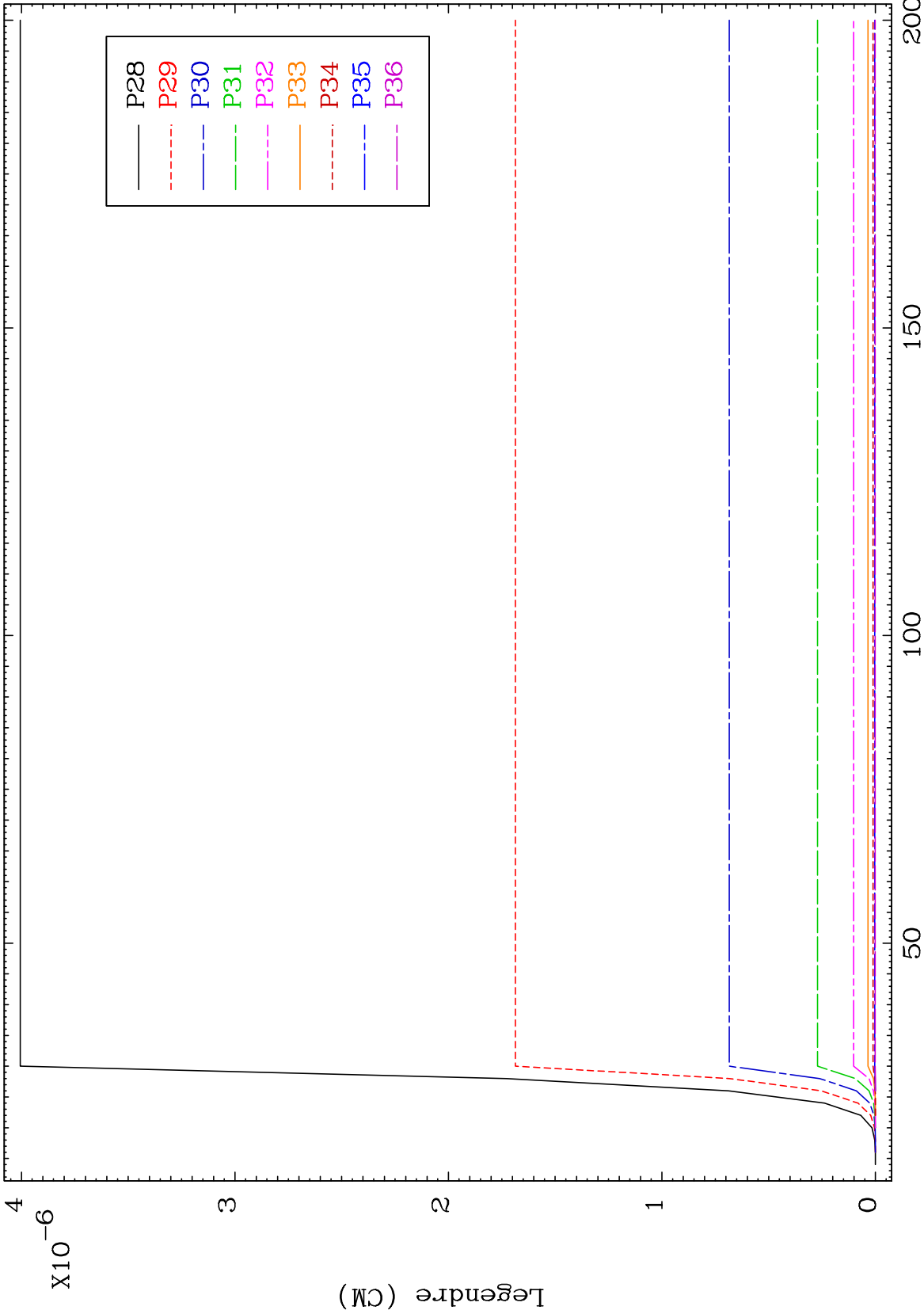
119

77-Ir-195

MAT 7737

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

77-Ir-195

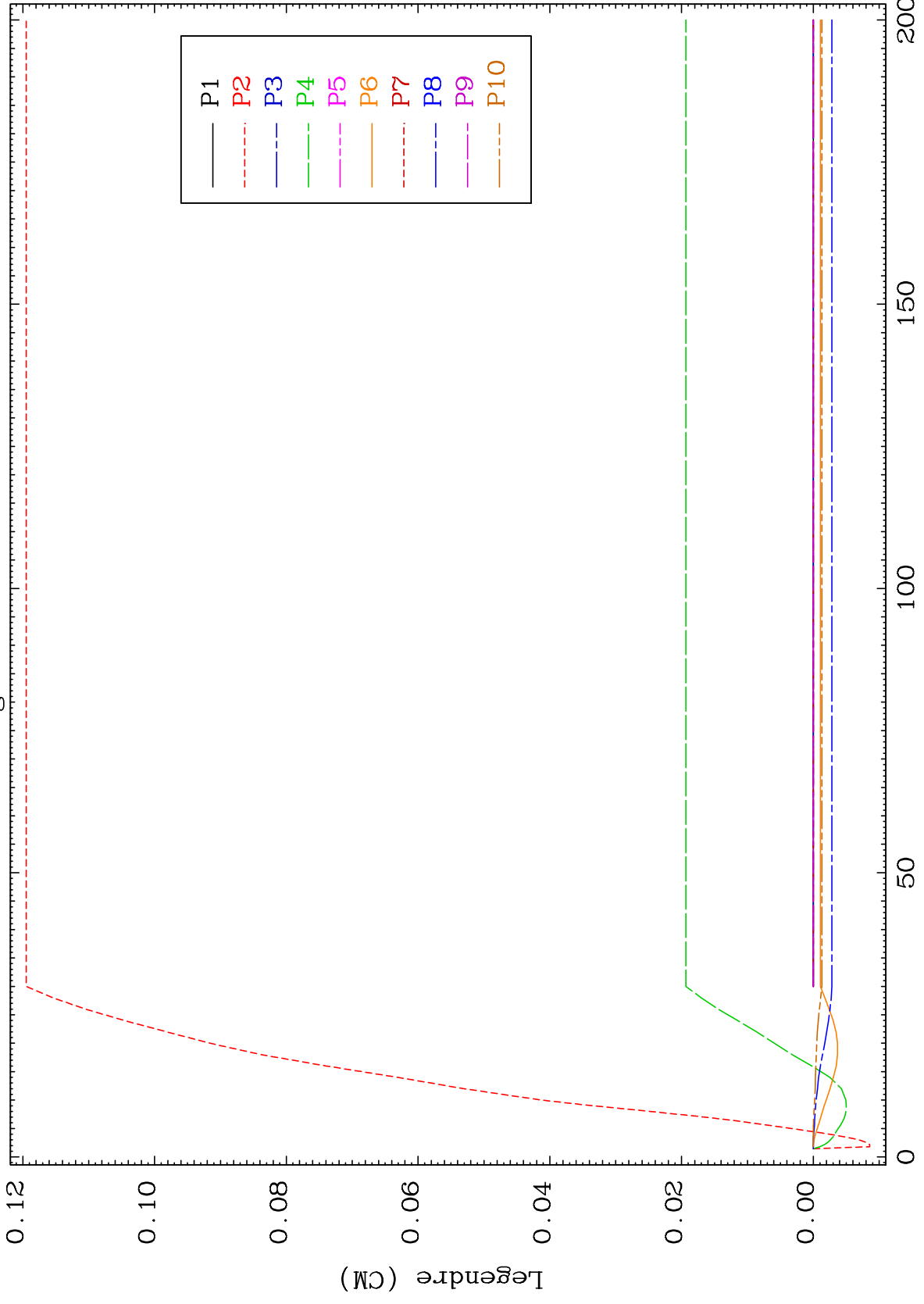


120

Incident Energy (MeV)

77-Ir-195

MAT 7737 MT= 78 (n,n') Level Legendre Coefficients 77-Ir-195

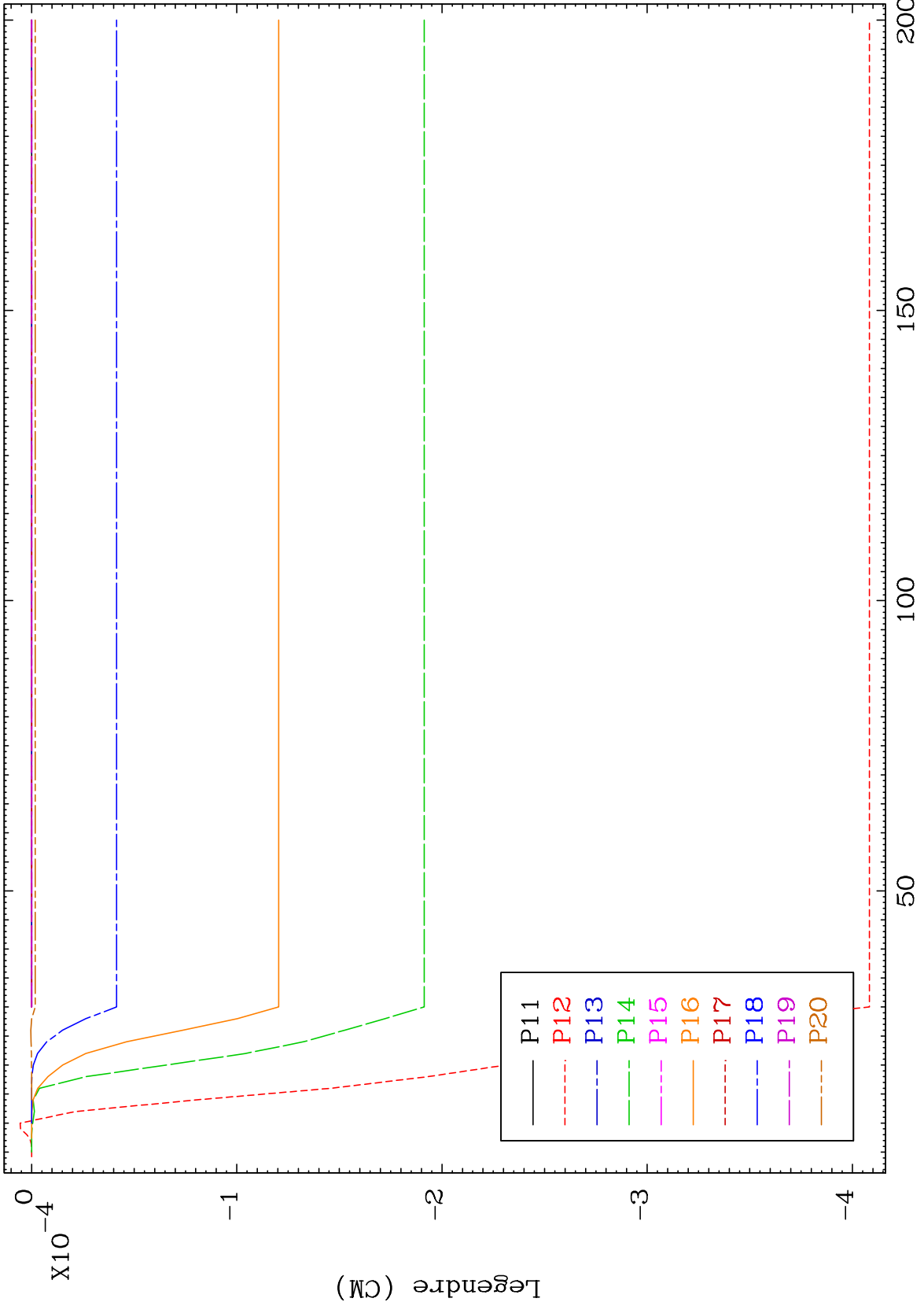


121 77-Ir-195

MAT 7737

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

77-Ir-195



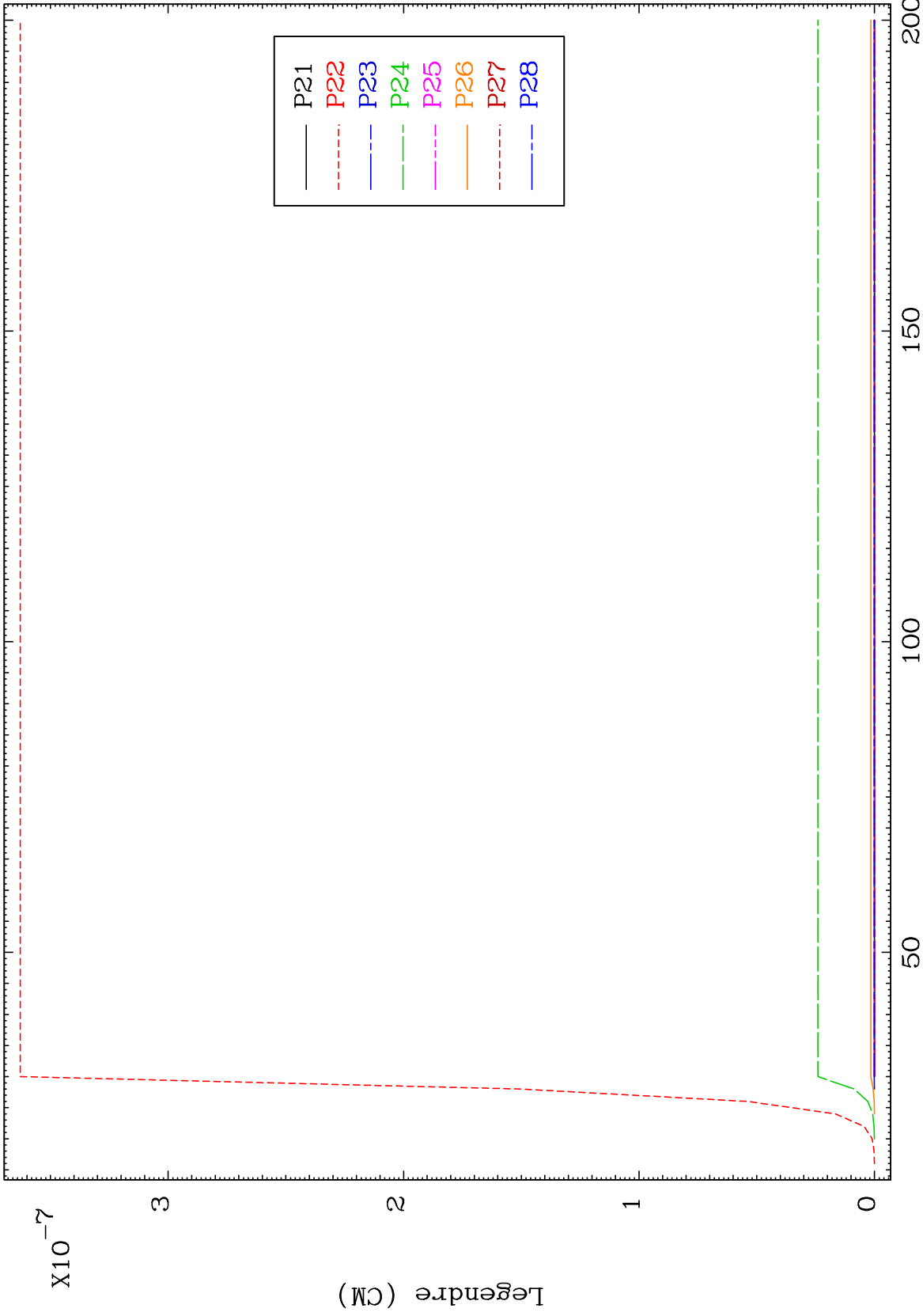
122

77-Ir-195

MAT 7737

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

77-Ir-195



123

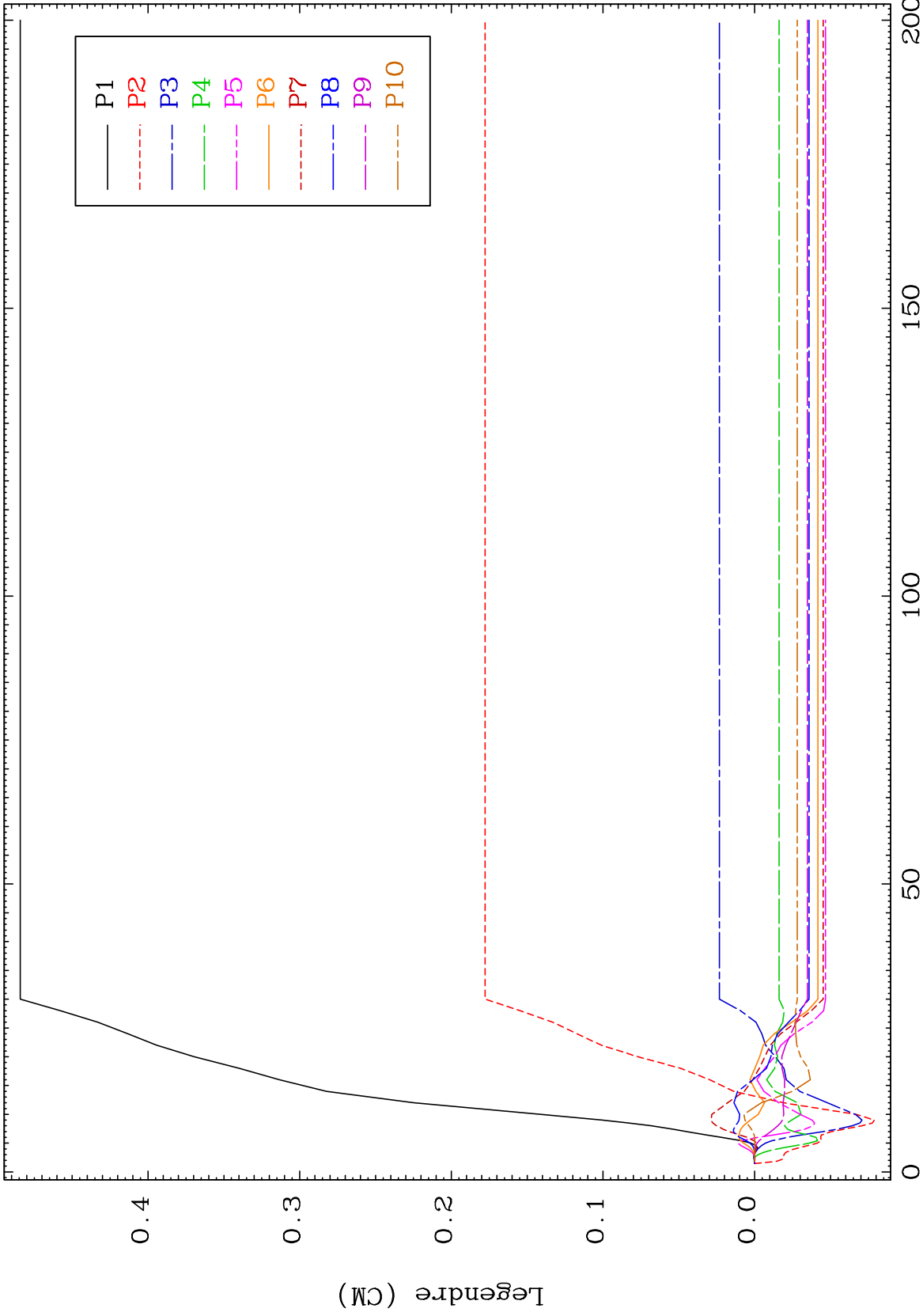
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



124

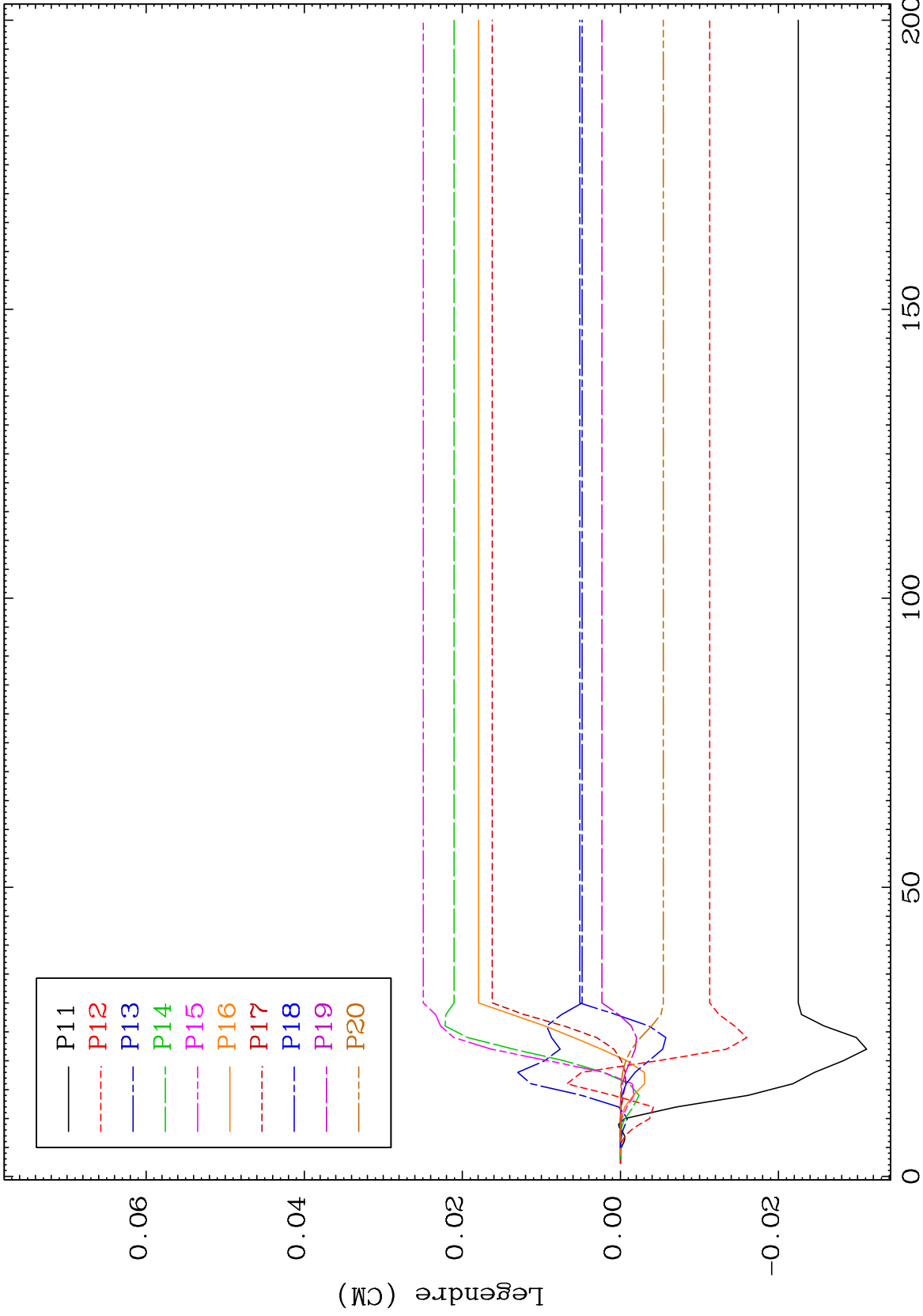
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



125

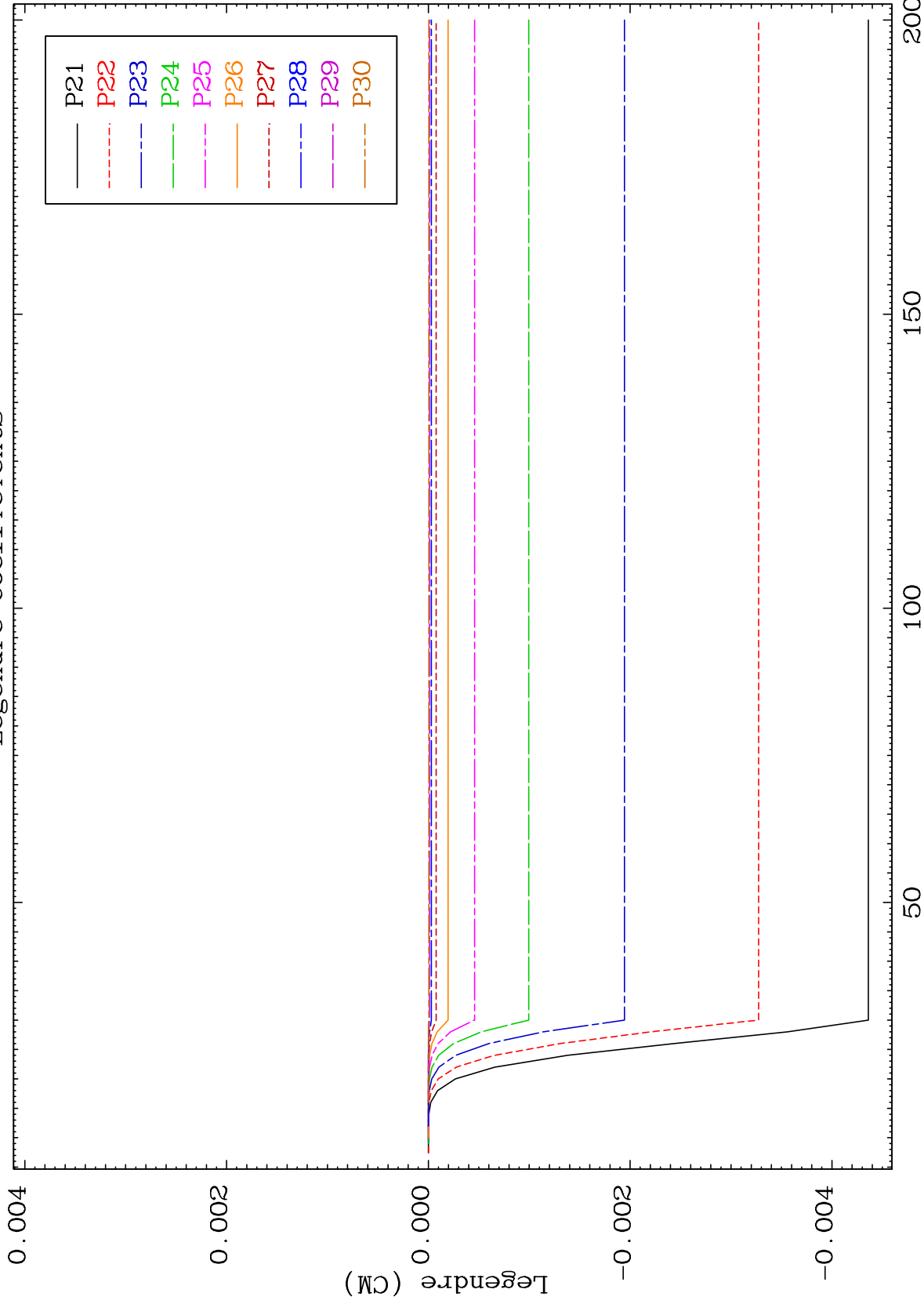
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195

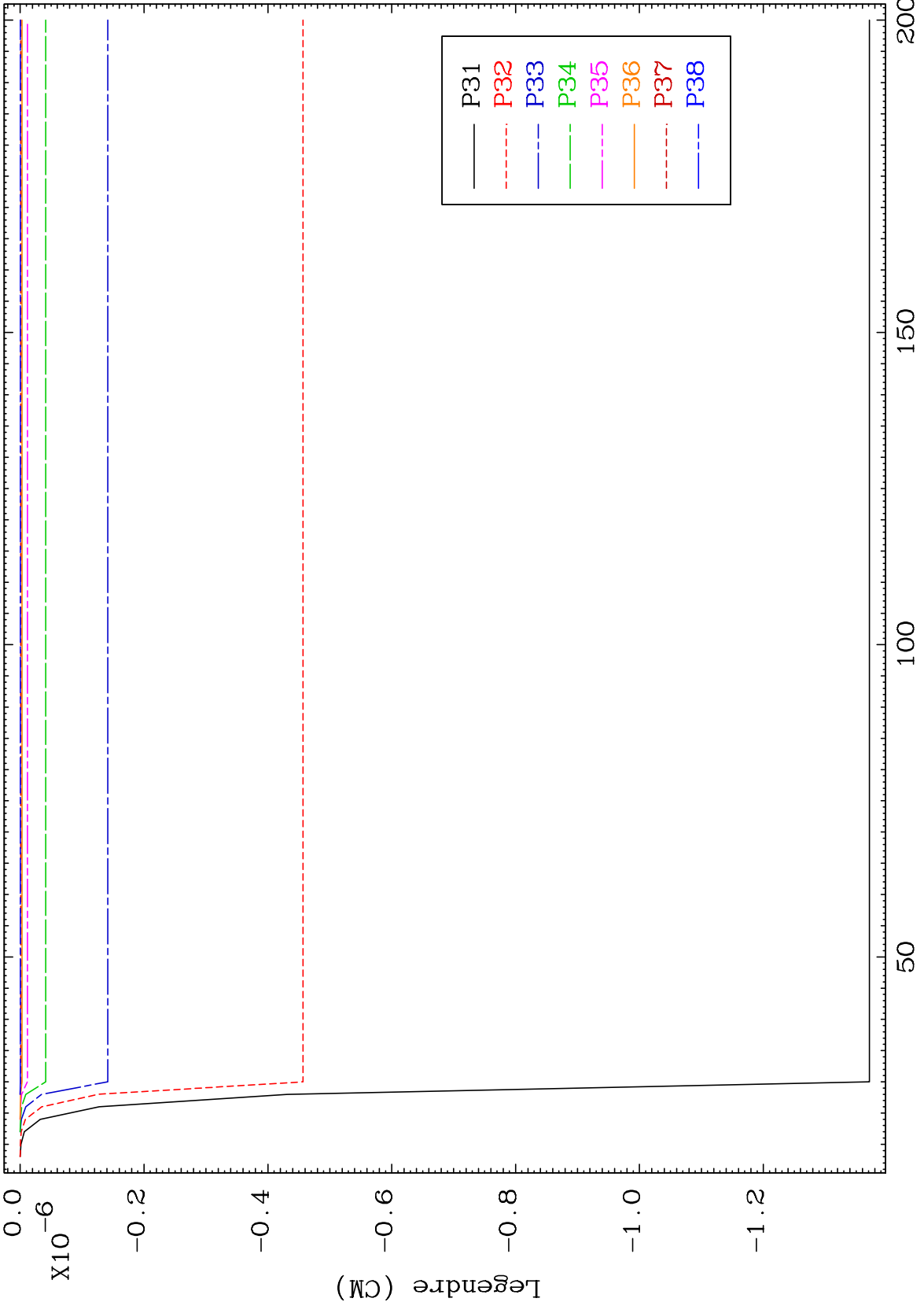


126

Incident Energy (MeV)

77-Ir-195

MAT 7737 MT= 79 (n,n') Level Legendre Coefficients 77-Ir-195

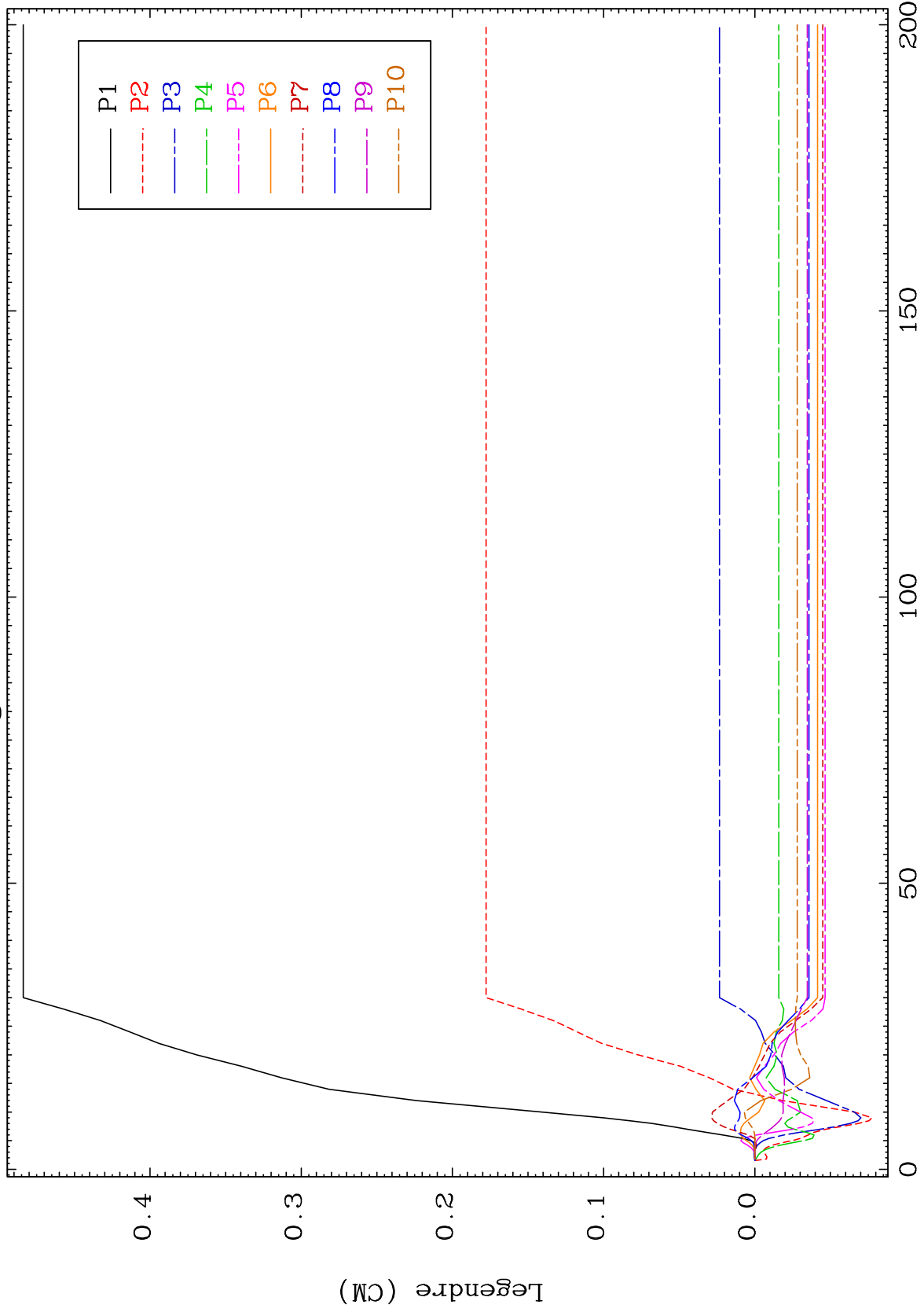


127 77-Ir-195

MAT 7737

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

77-Ir-195



128

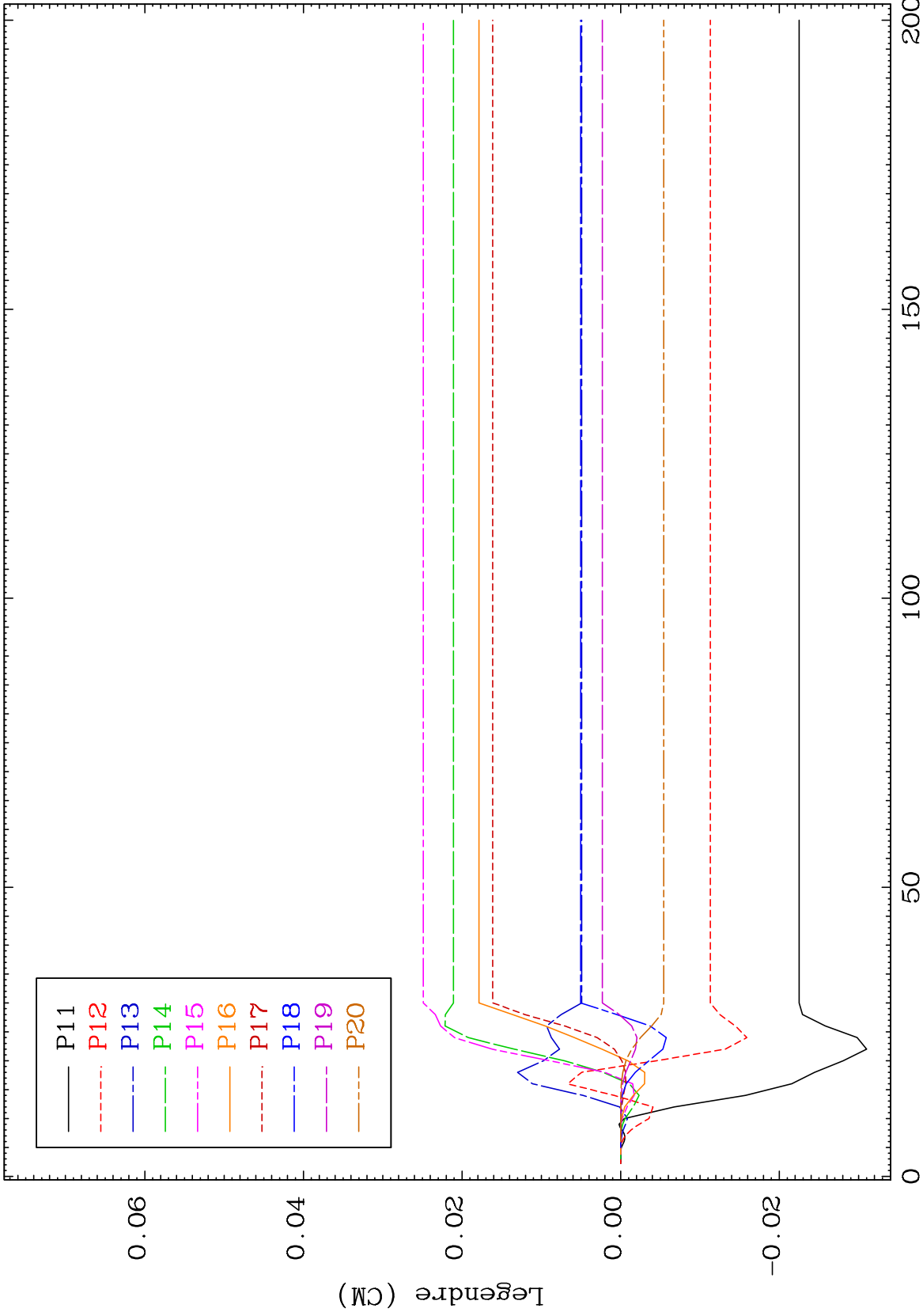
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



129

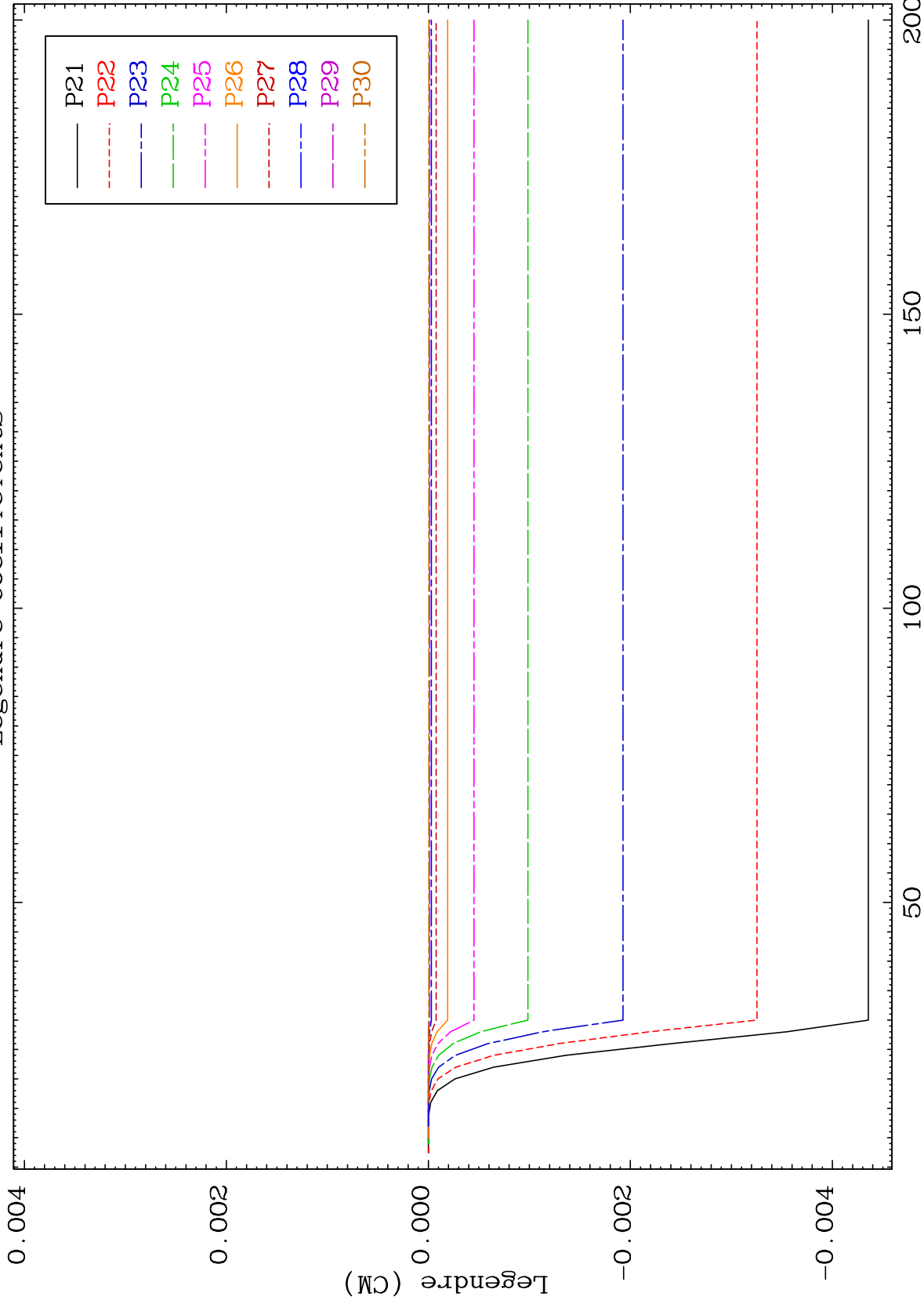
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195

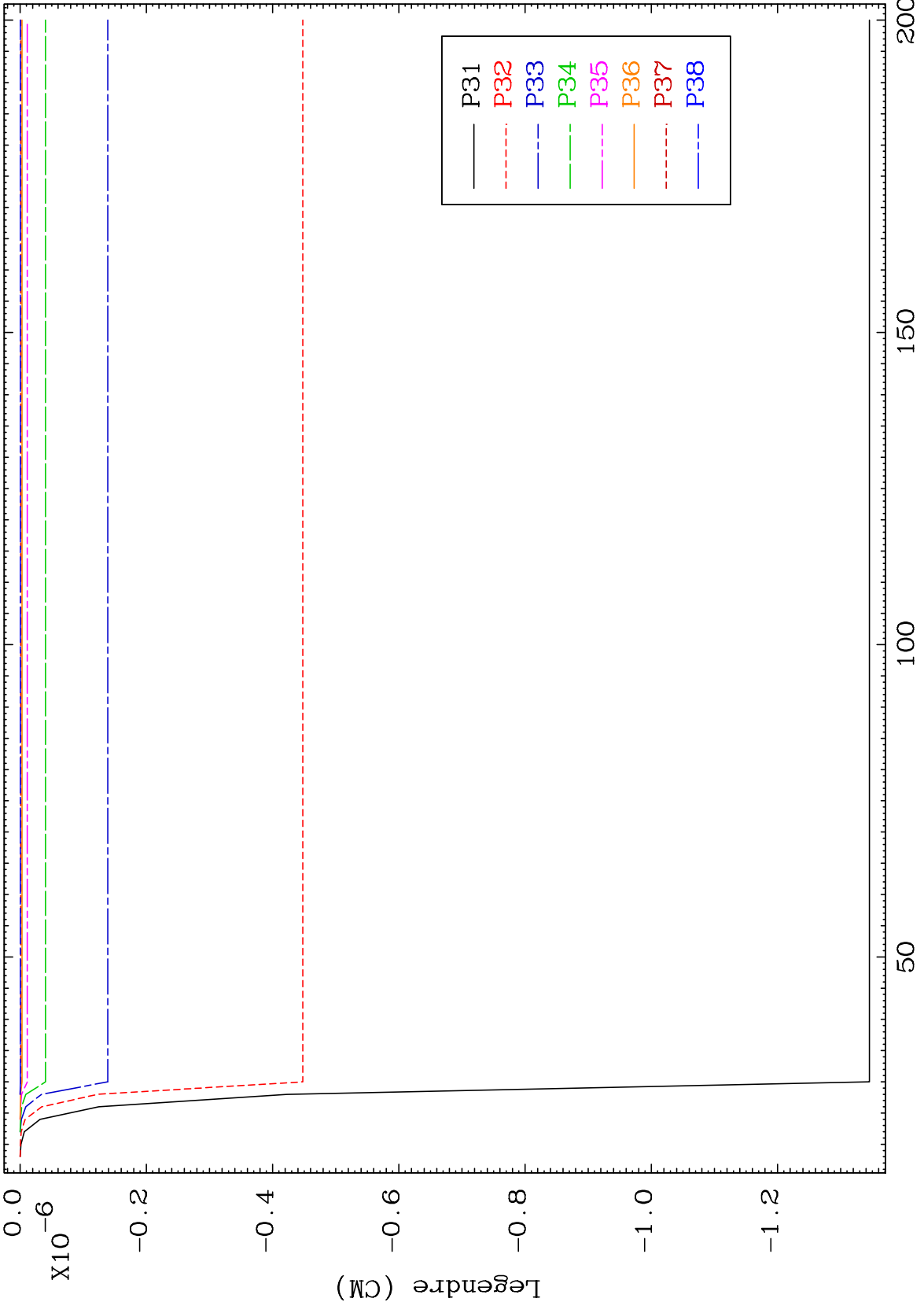


130

Incident Energy (MeV)

77-Ir-195

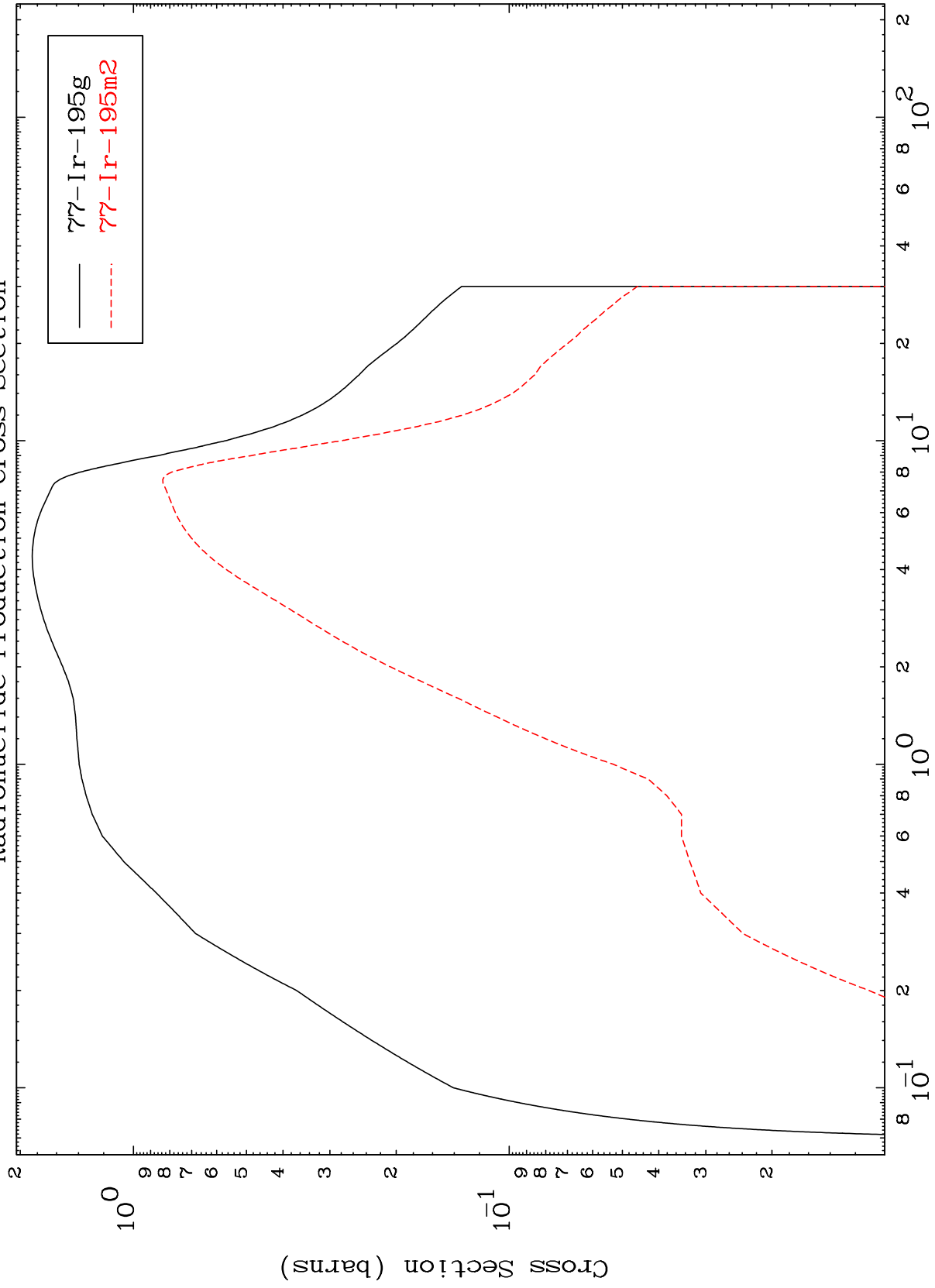
MAT 7737 MT= 80 (n,n') Level Legendre Coefficients 77-Ir-195



MAT 7737

Inelastic
Radionuclide Production Cross Section

77-Ir-195



132

Incident Energy (MeV)

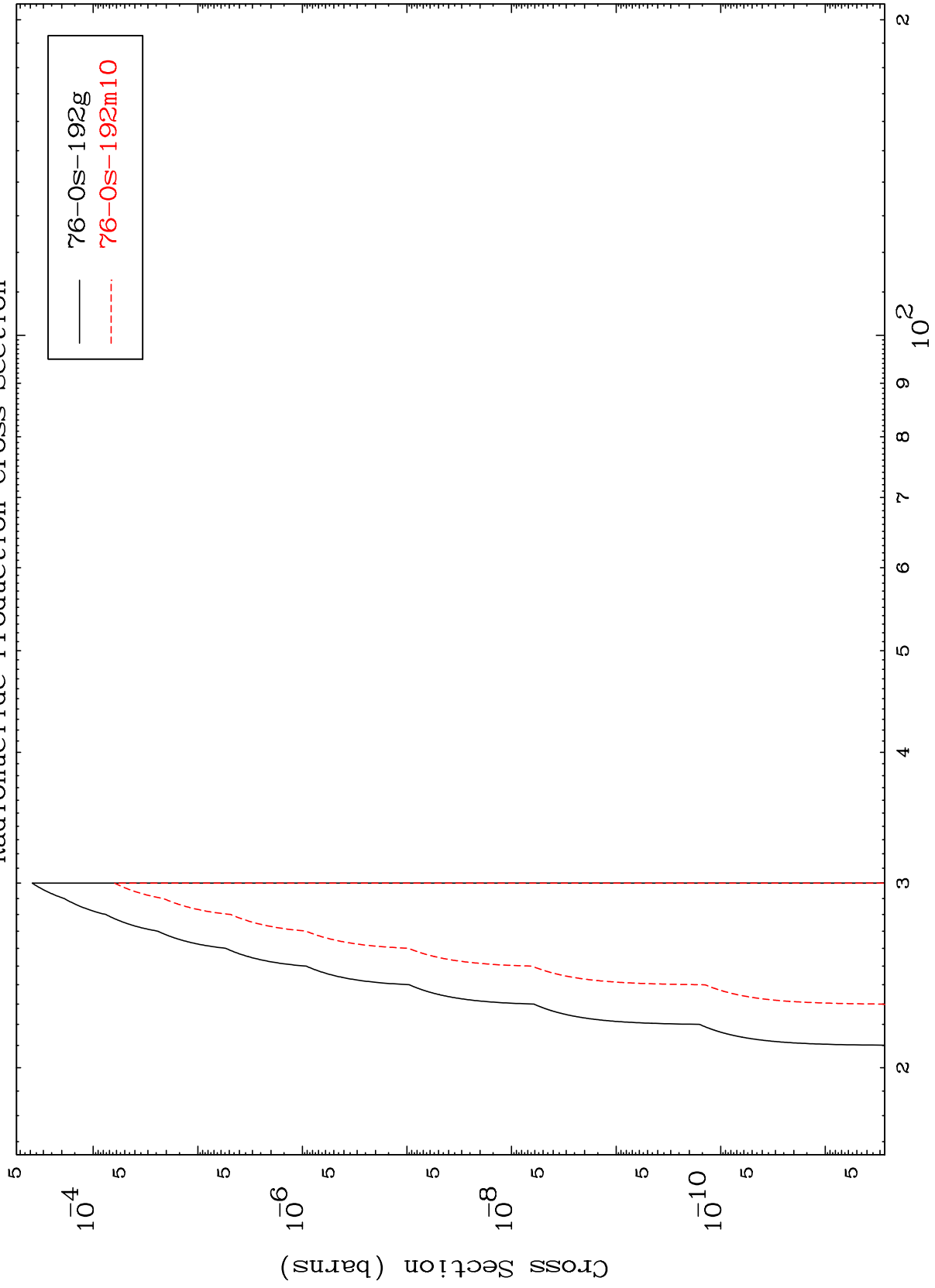
77-Ir-195

MAT 7737

(n,2n) d

77-Ir-195

Radionuclide Production Cross Section



133

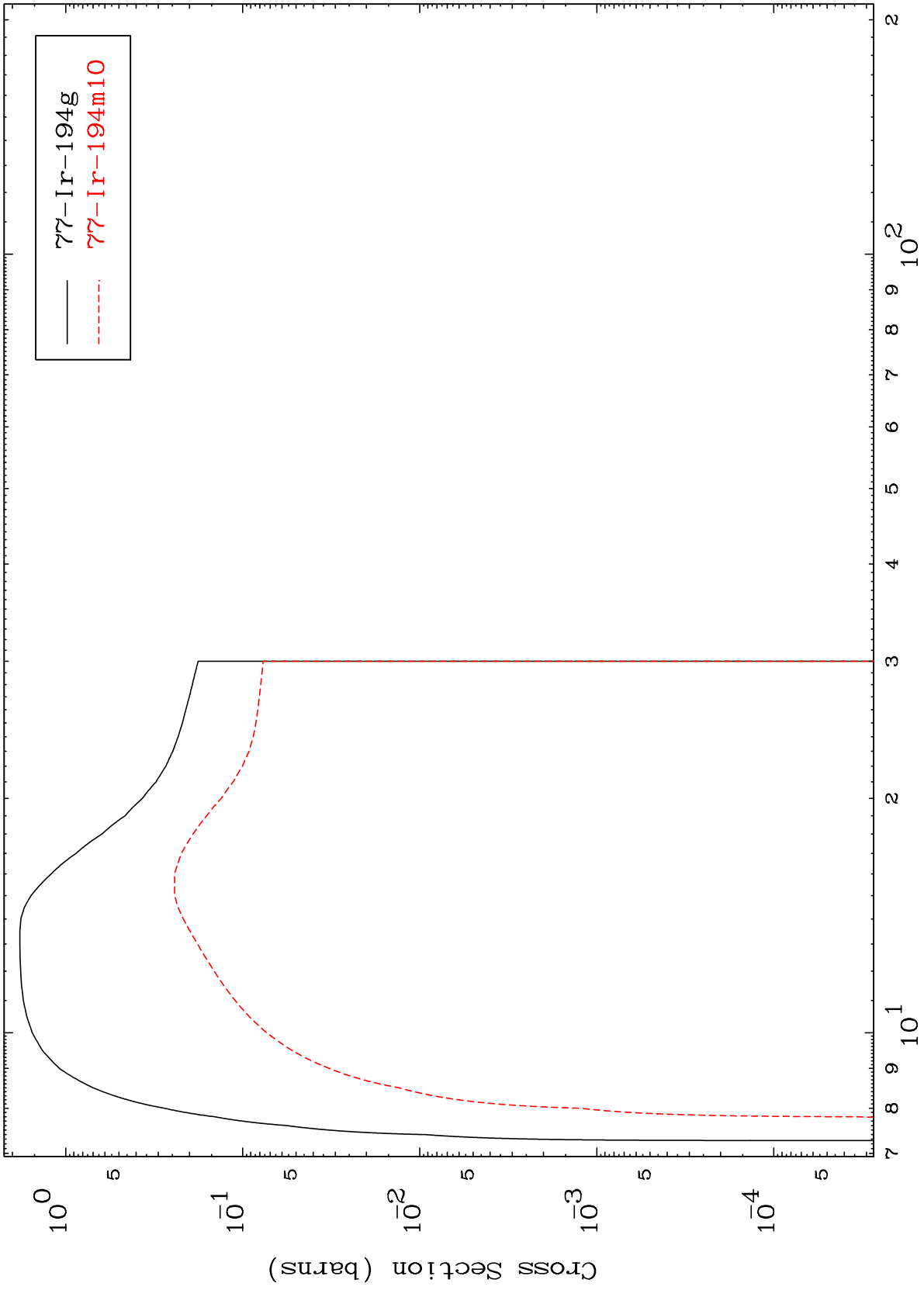
Incident Energy (MeV)

77-Ir-195

MAT 7737

77-Ir-195

(n,2n)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

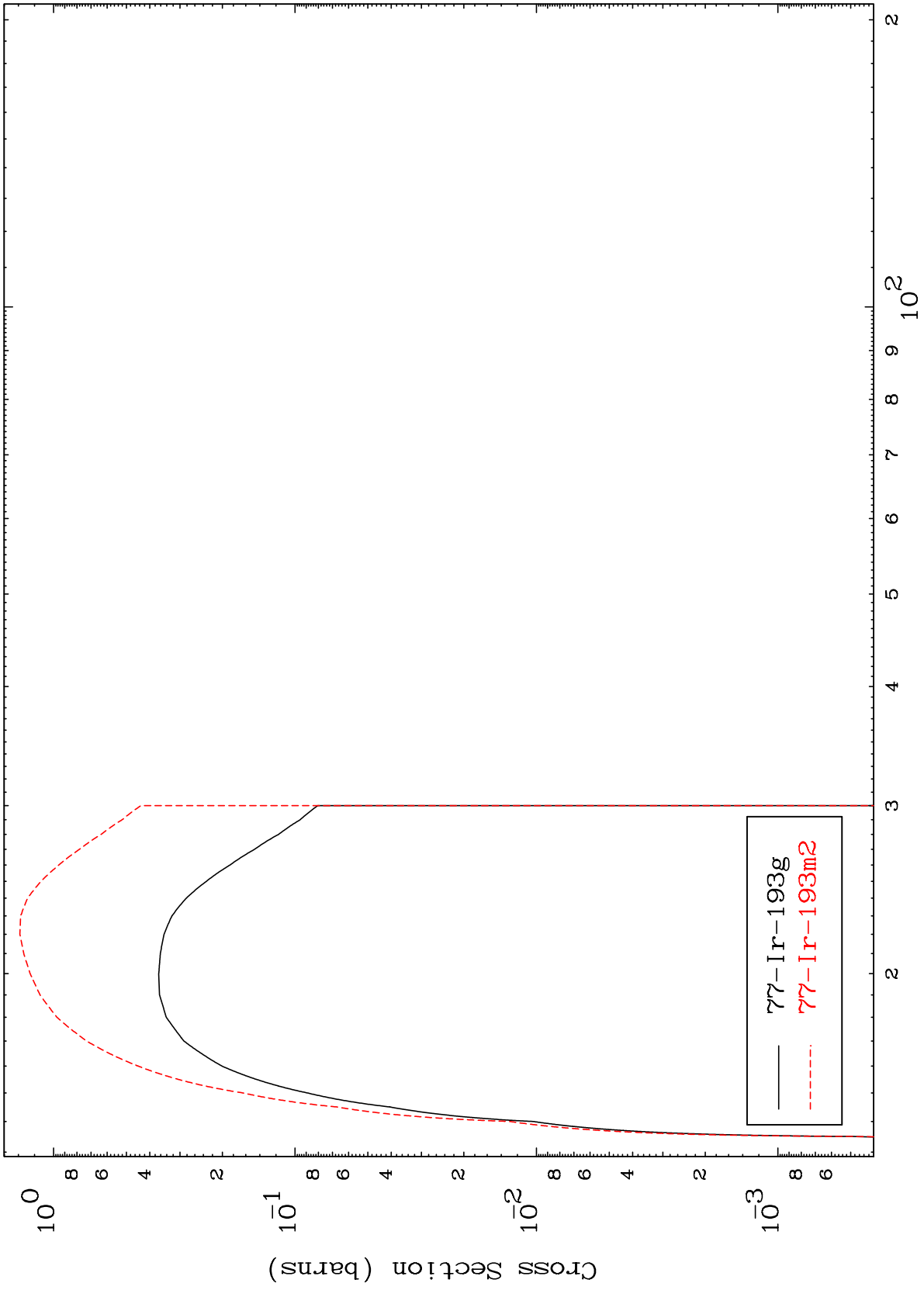
77-Ir-195

MAT 7737

(n,3n)

77-Ir-195

Radionuclide Production Cross Section



135

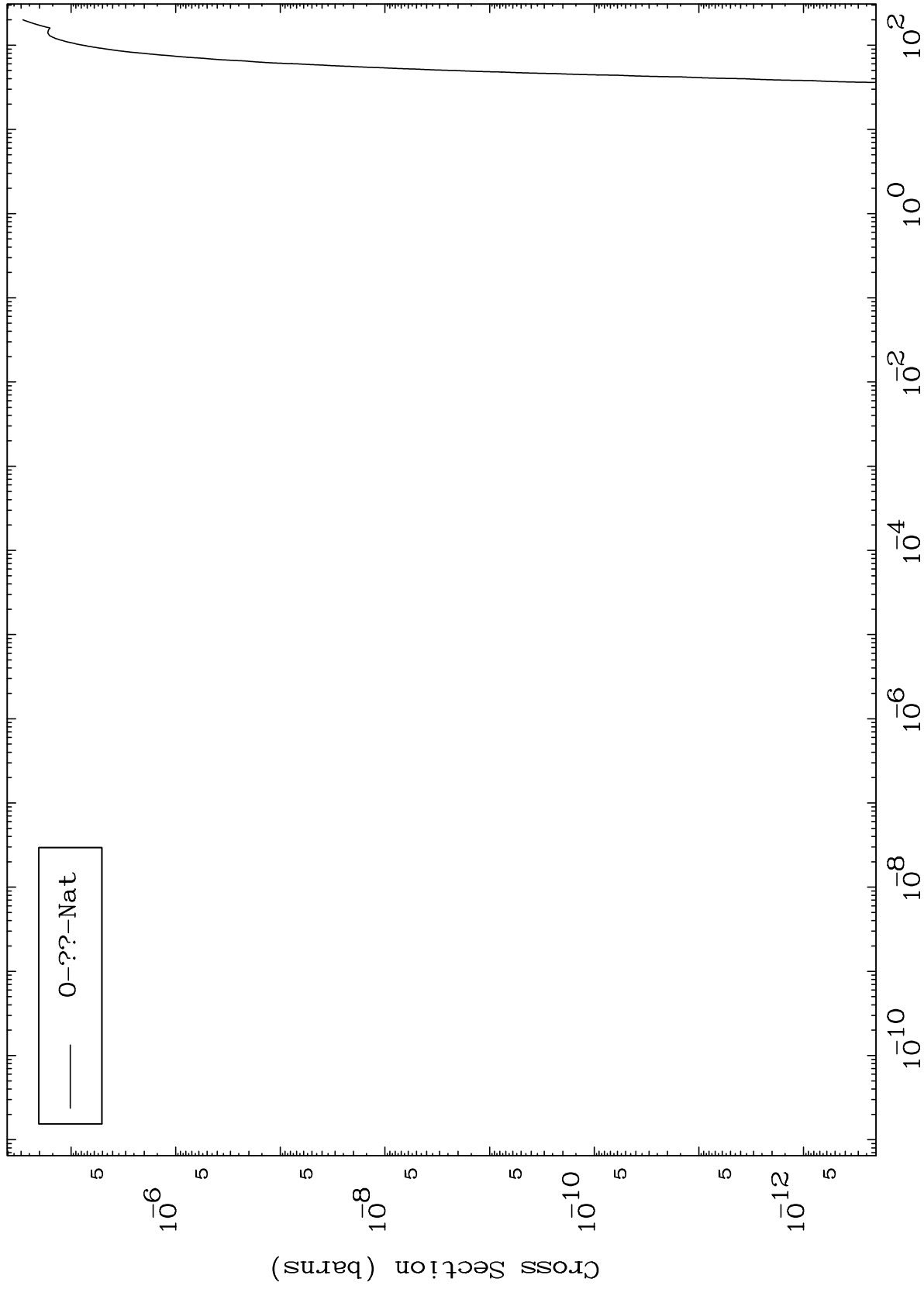
Incident Energy (MeV)

77-Ir-195

MAT 7737

Fission
Radionuclide Production Cross Section

77-Ir-195



136

Incident Energy (MeV)

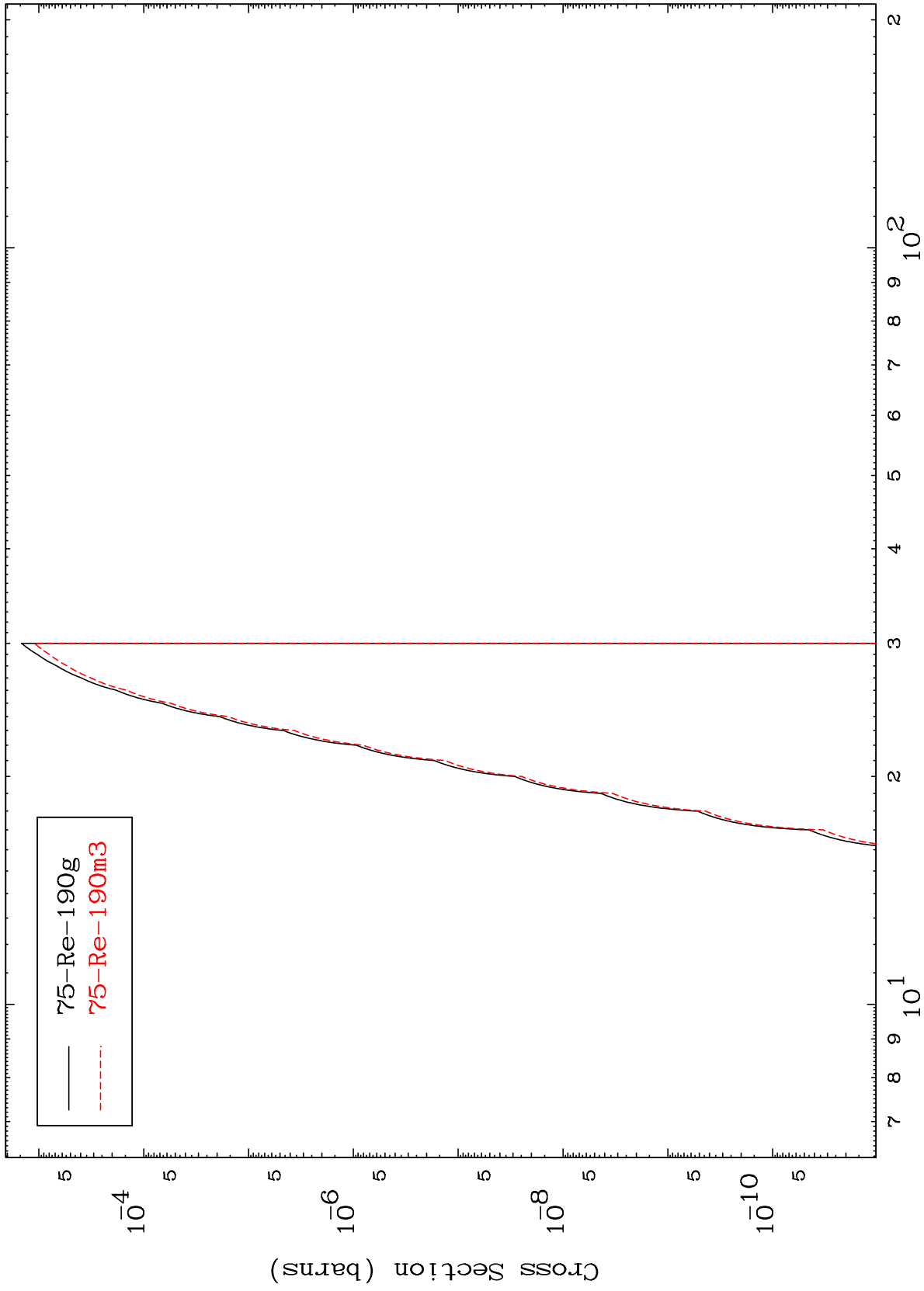
77-Ir-195

MAT 7737

(n,2n) α

77-Ir-195

Radionuclide Production Cross Section



137

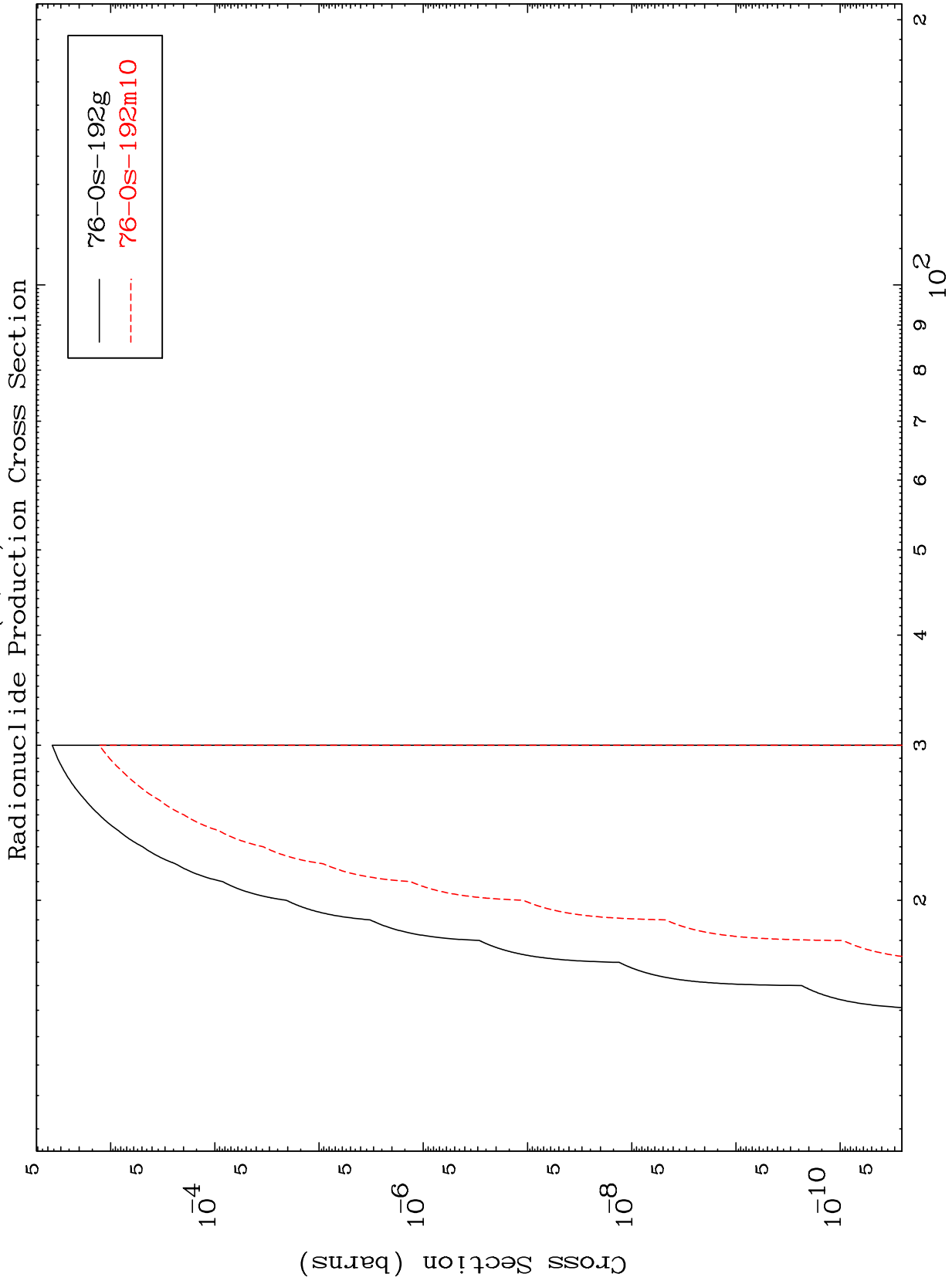
Incident Energy (MeV)

77-Ir-195

MAT 7737

(n,n') t

77-Ir-195



138

Incident Energy (MeV)

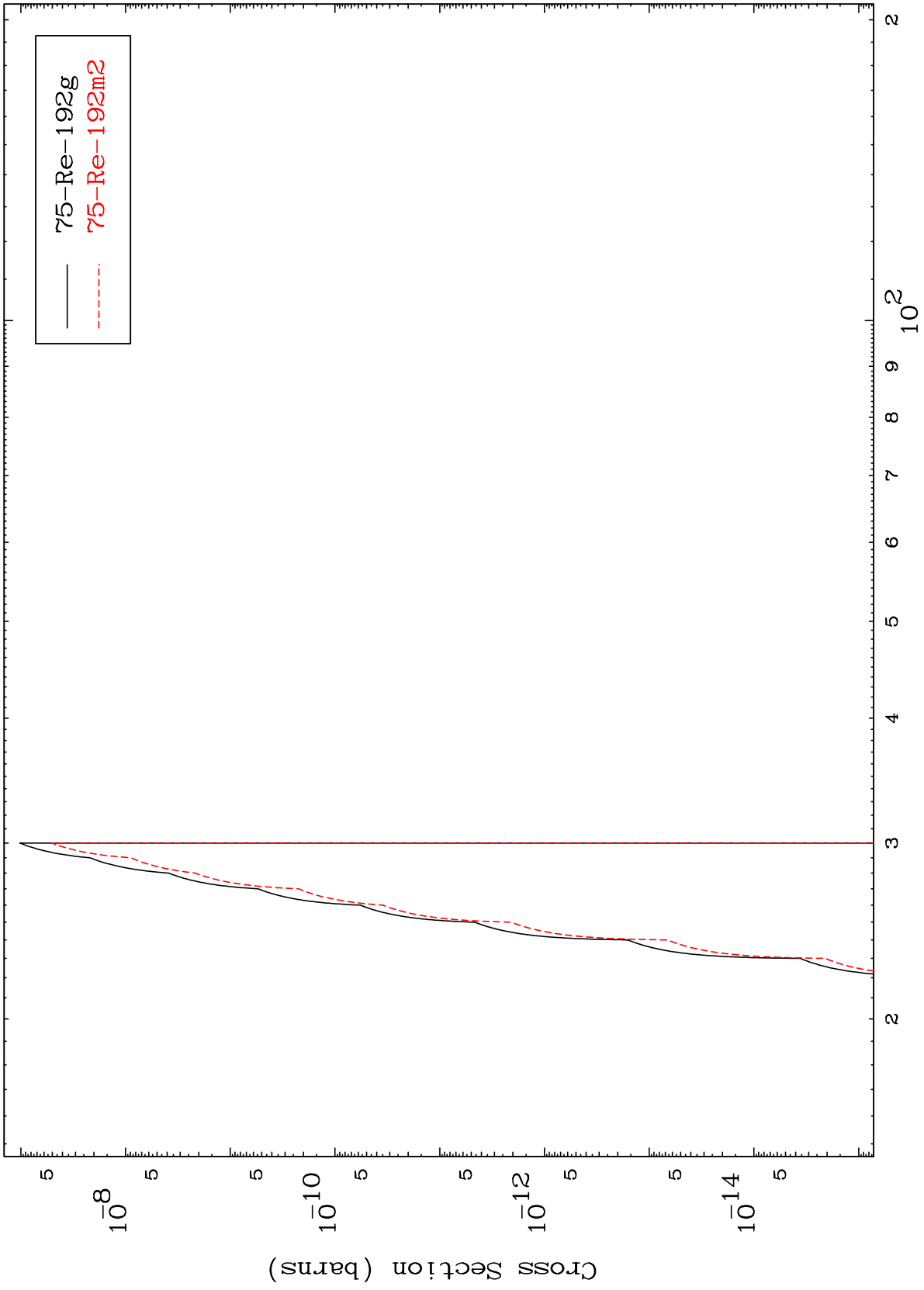
77-Ir-195

MAT 7737

(n, n') He-3

77-Ir-195

Radionuclide Production Cross Section



139

Incident Energy (MeV)

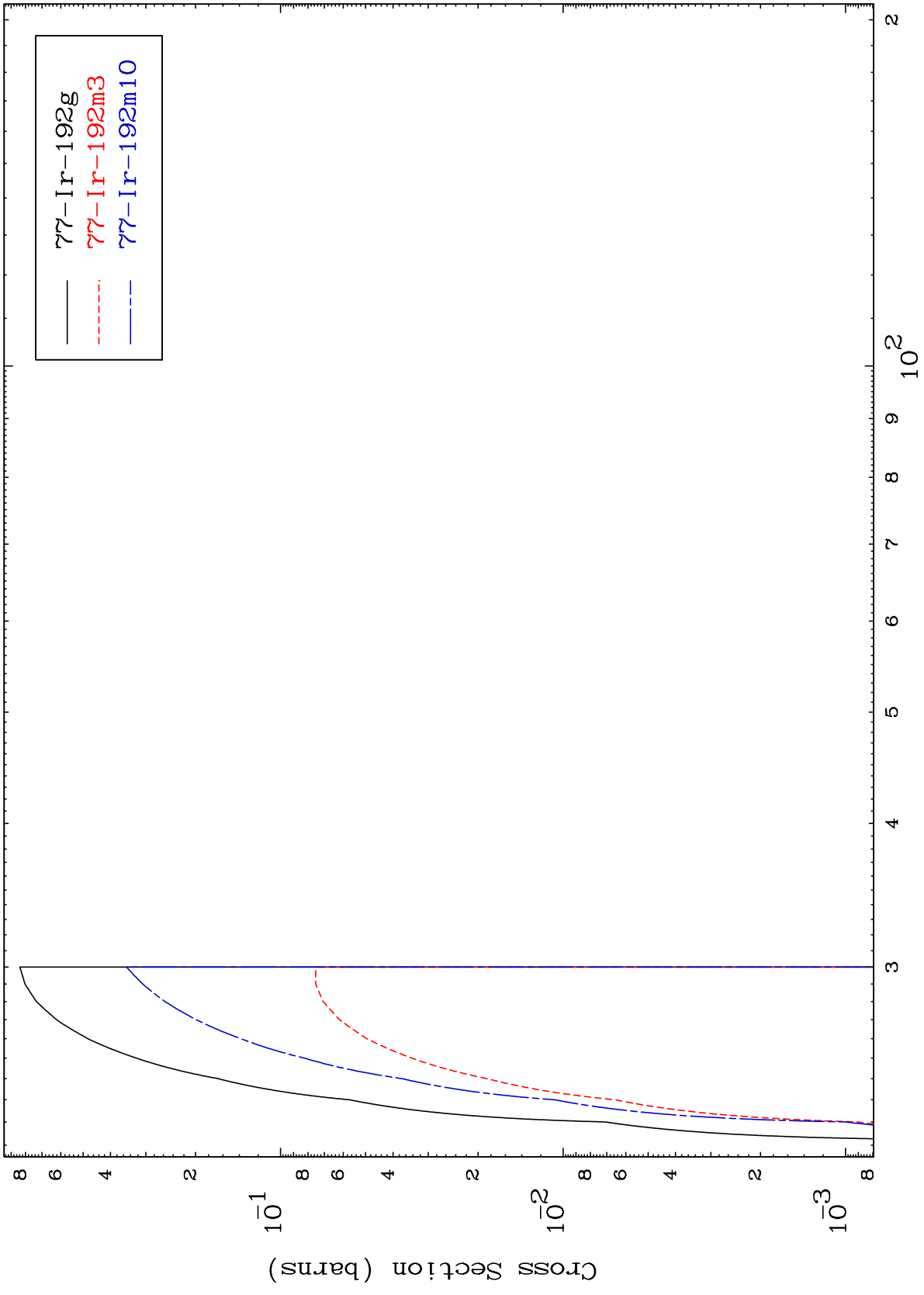
77-Ir-195

MAT 7737

(n,4n)

77-Ir-195

Radionuclide Production Cross Section



140

Incident Energy (MeV)

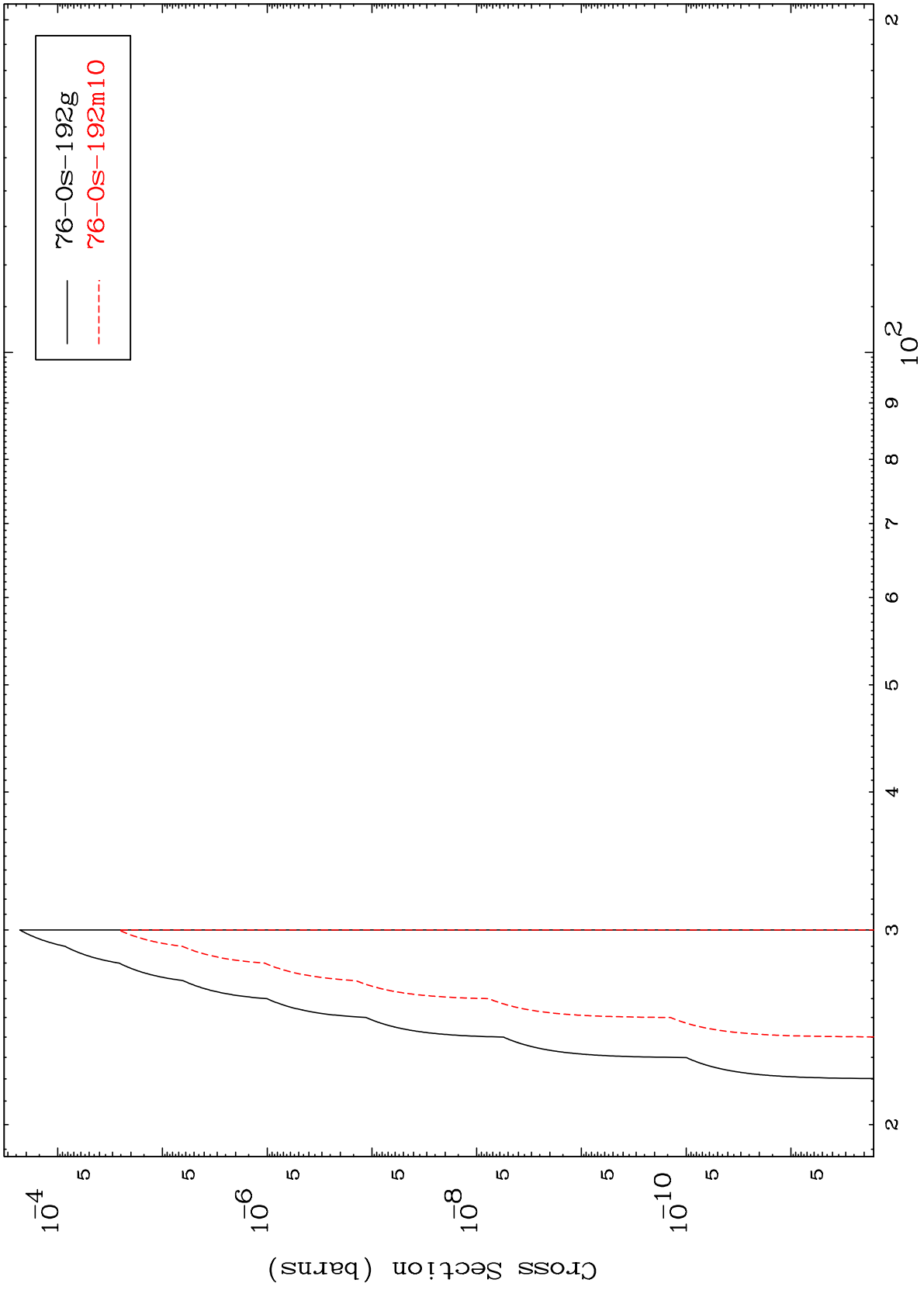
77-Ir-195

MAT 7737

(n,3n) p

77-Ir-195

Radionuclide Production Cross Section



141

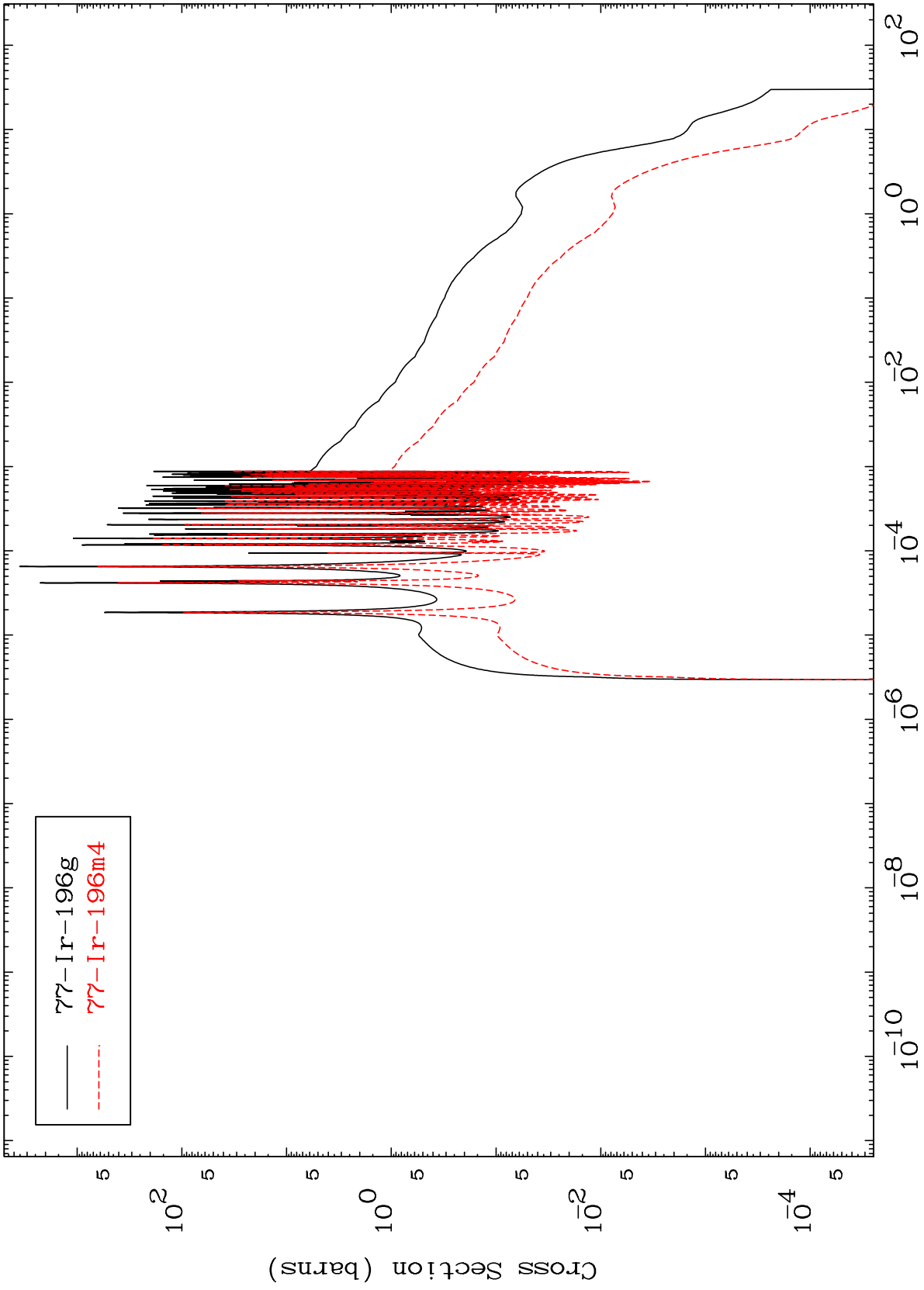
Incident Energy (MeV)

77-Ir-195

MAT 7737

(n,γ)
Radionuclide Production Cross Section

77-Ir-195



142

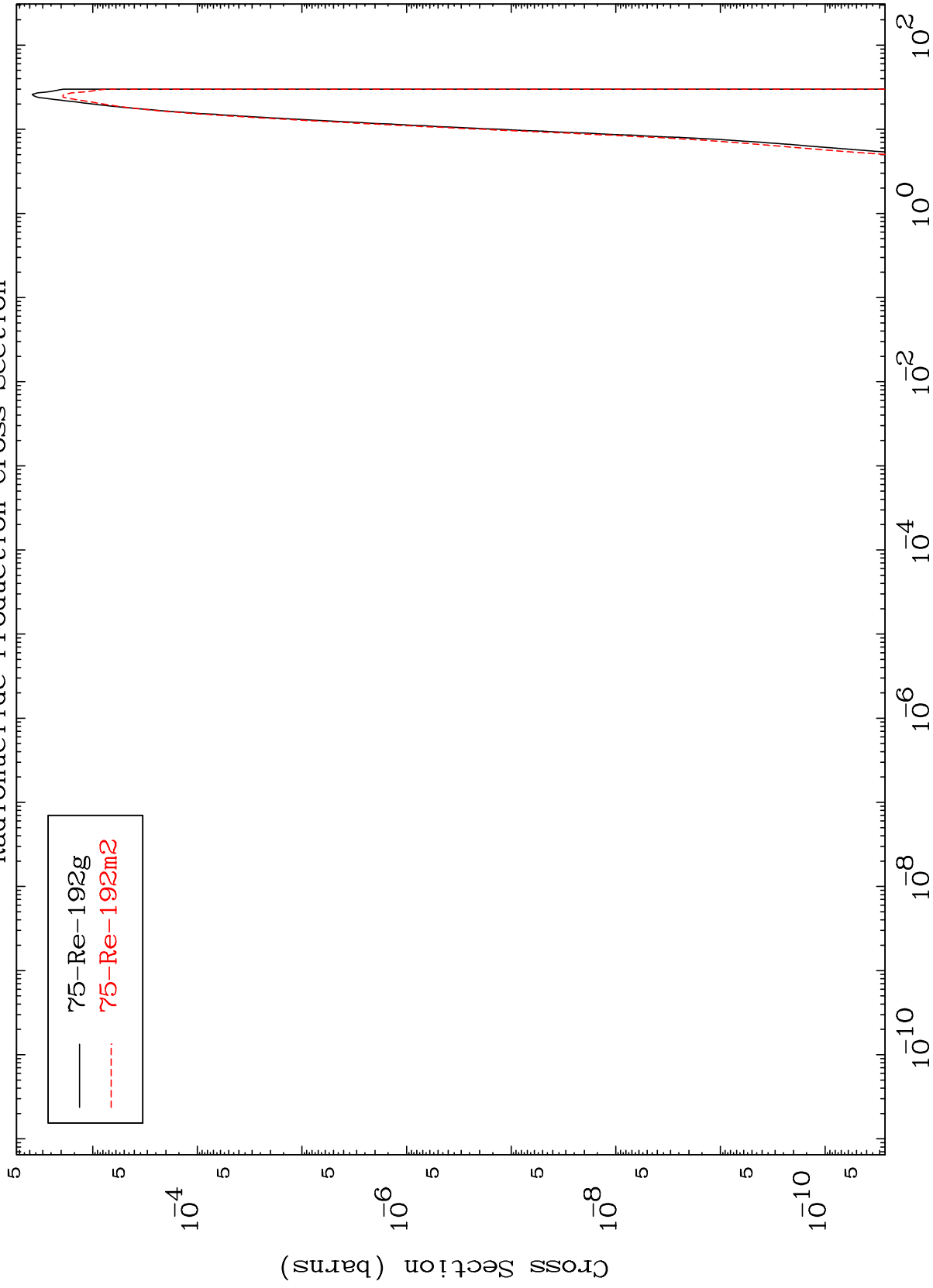
77-Ir-195

MAT 7737

(n, α)

77-Ir-195

Radionuclide Production Cross Section



143

Incident Energy (MeV)

77-Ir-195