

Program EVALPLOT
(Version 2018-1)

by

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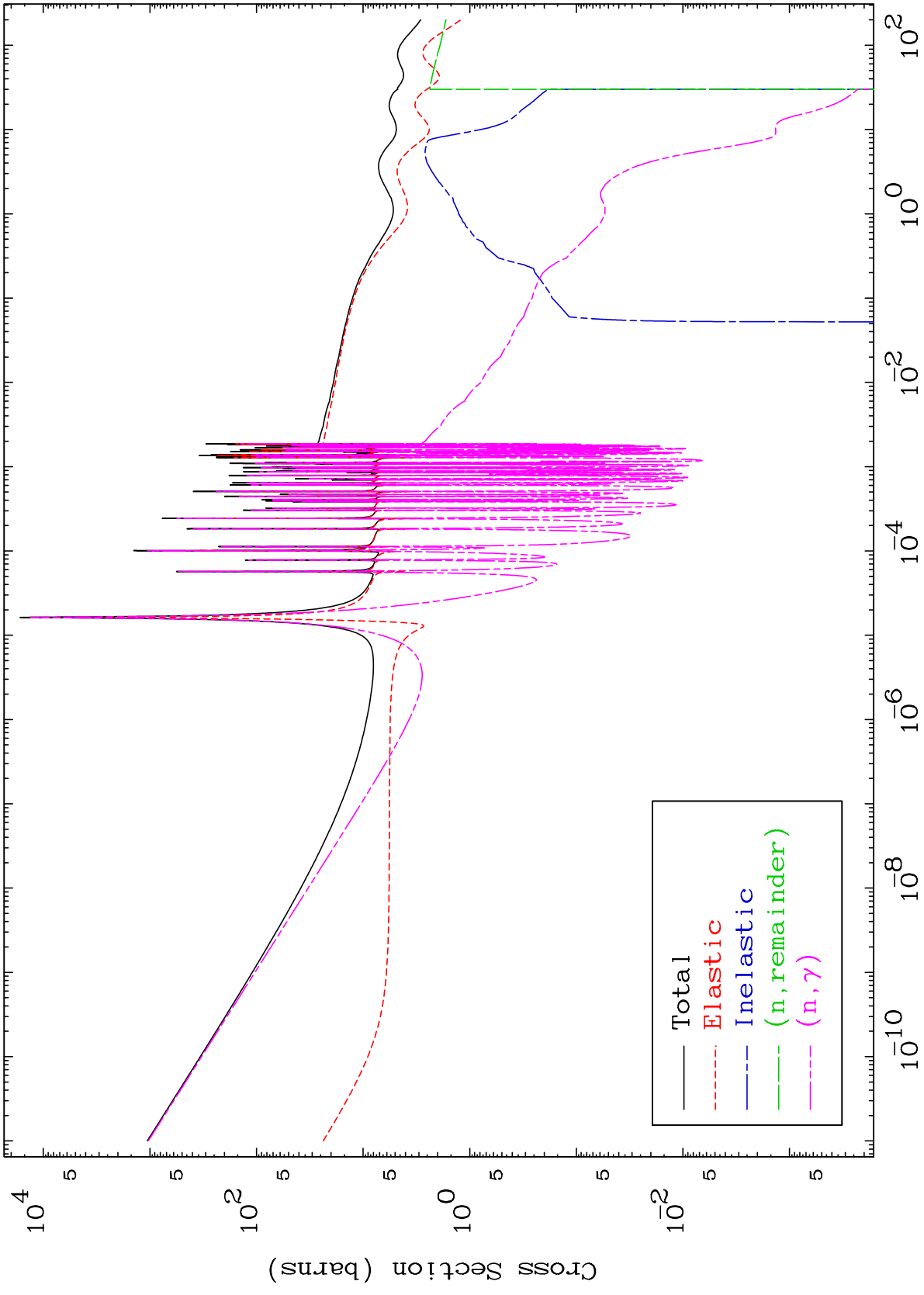
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7743

Major
293 Kelvin Cross Sections

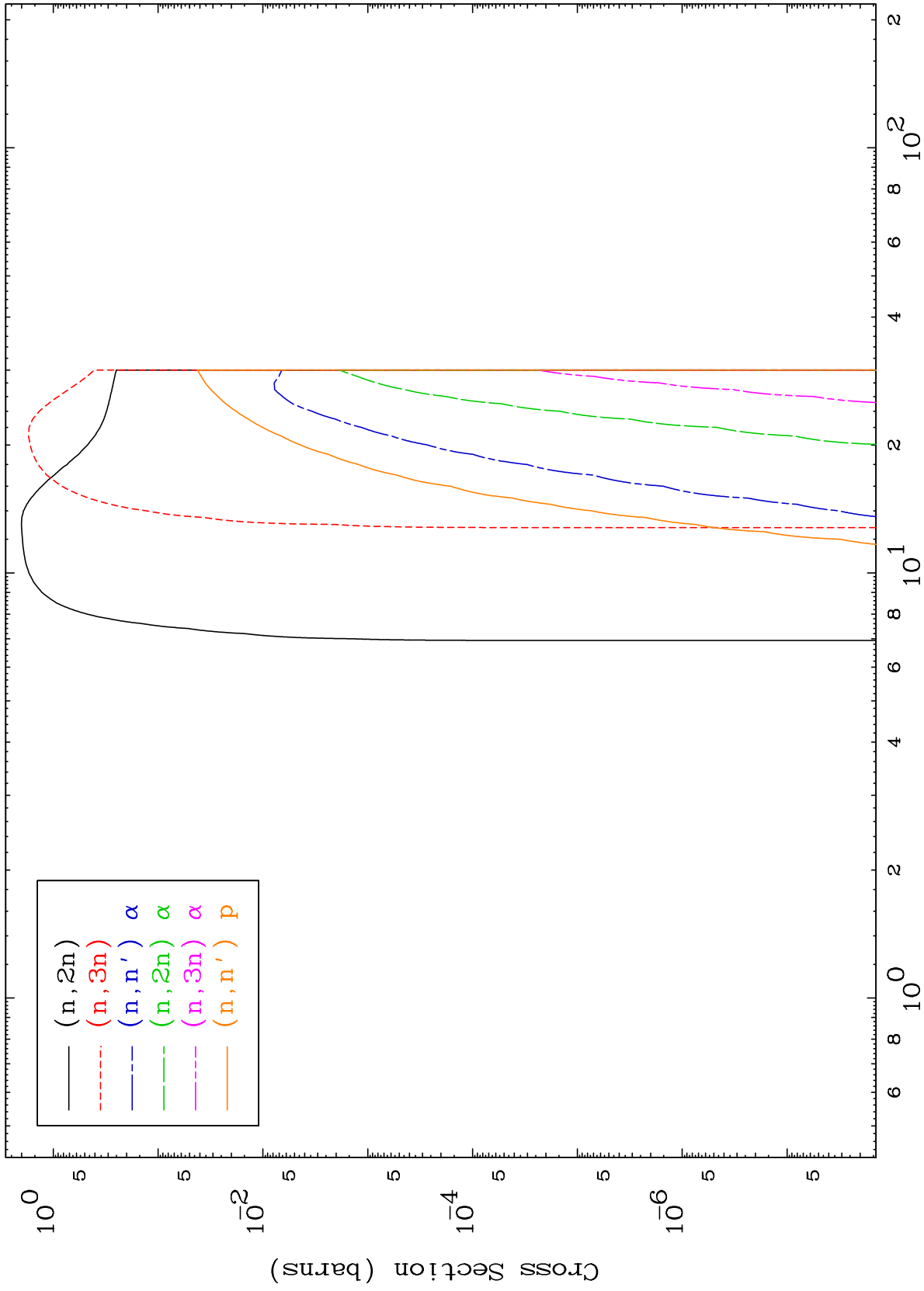
77-Ir-197



MAT 7743

Neutron Production
293 Kelvin Cross Sections

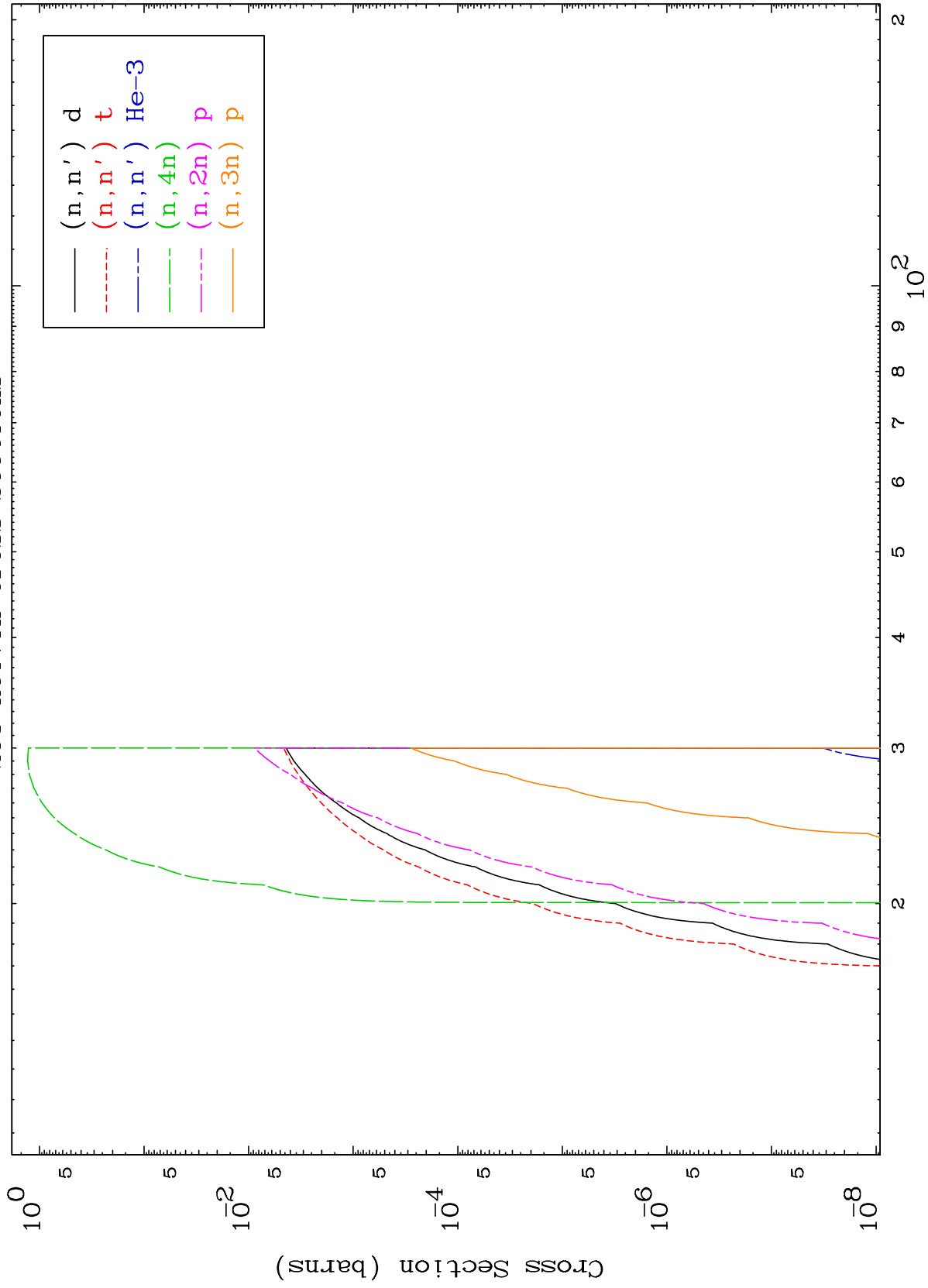
77-Ir-197



2

Incident Energy (MeV)

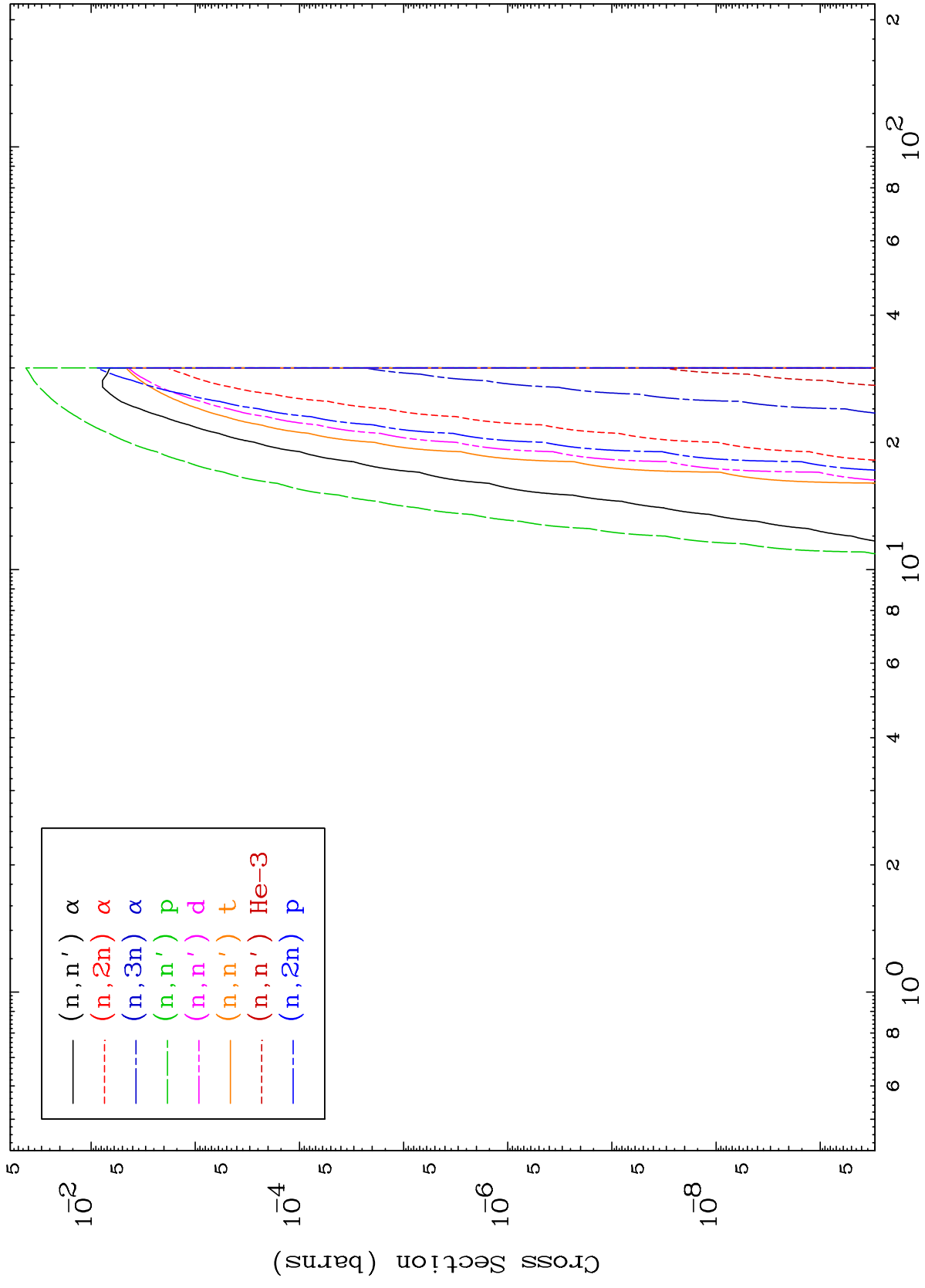
77-Ir-197



MAT 7743

293 Kelvin Cross Sections

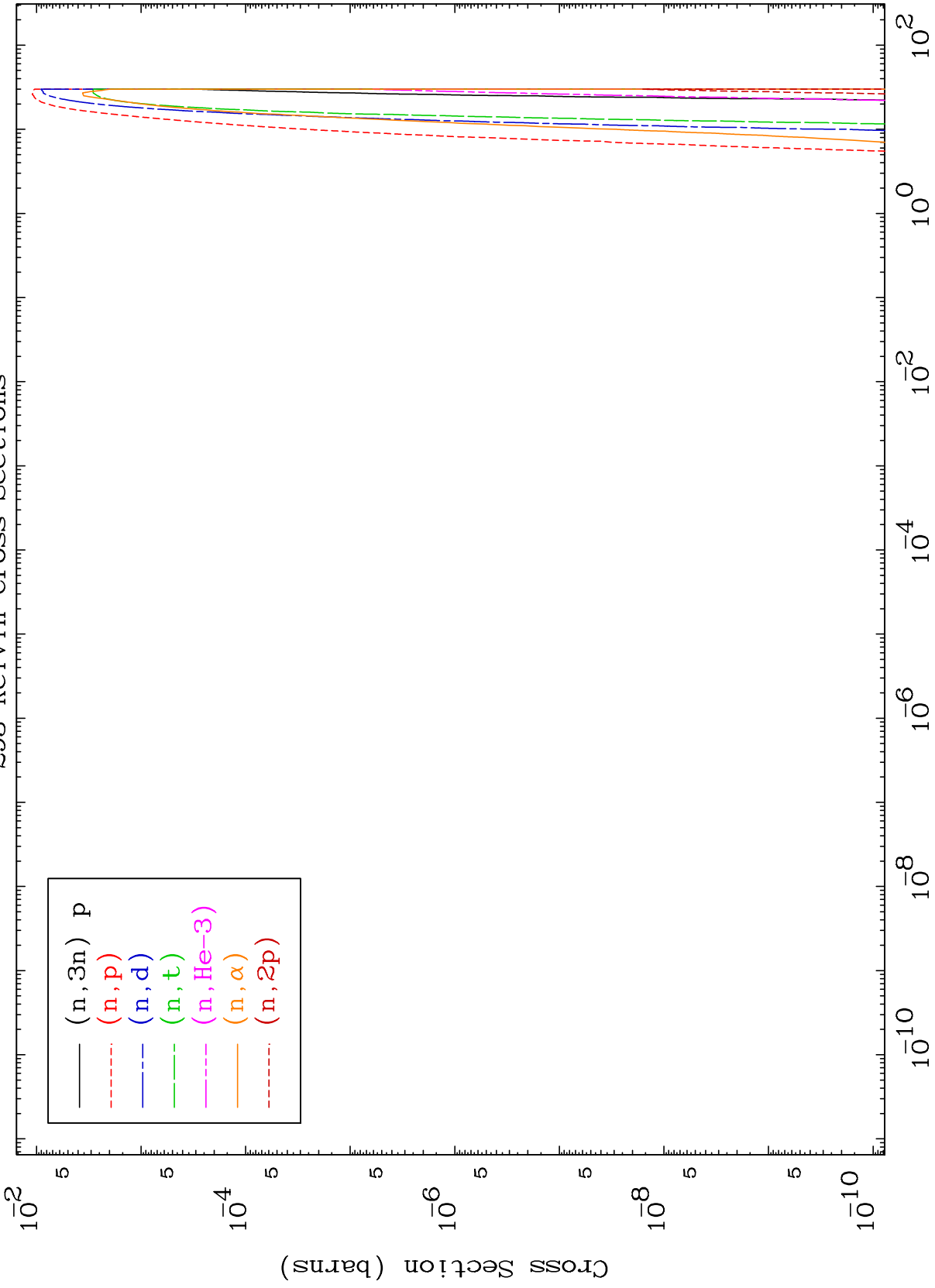
77-Ir-197



MAT 7743

Charged Particle
293 Kelvin Cross Sections

77-Ir-197



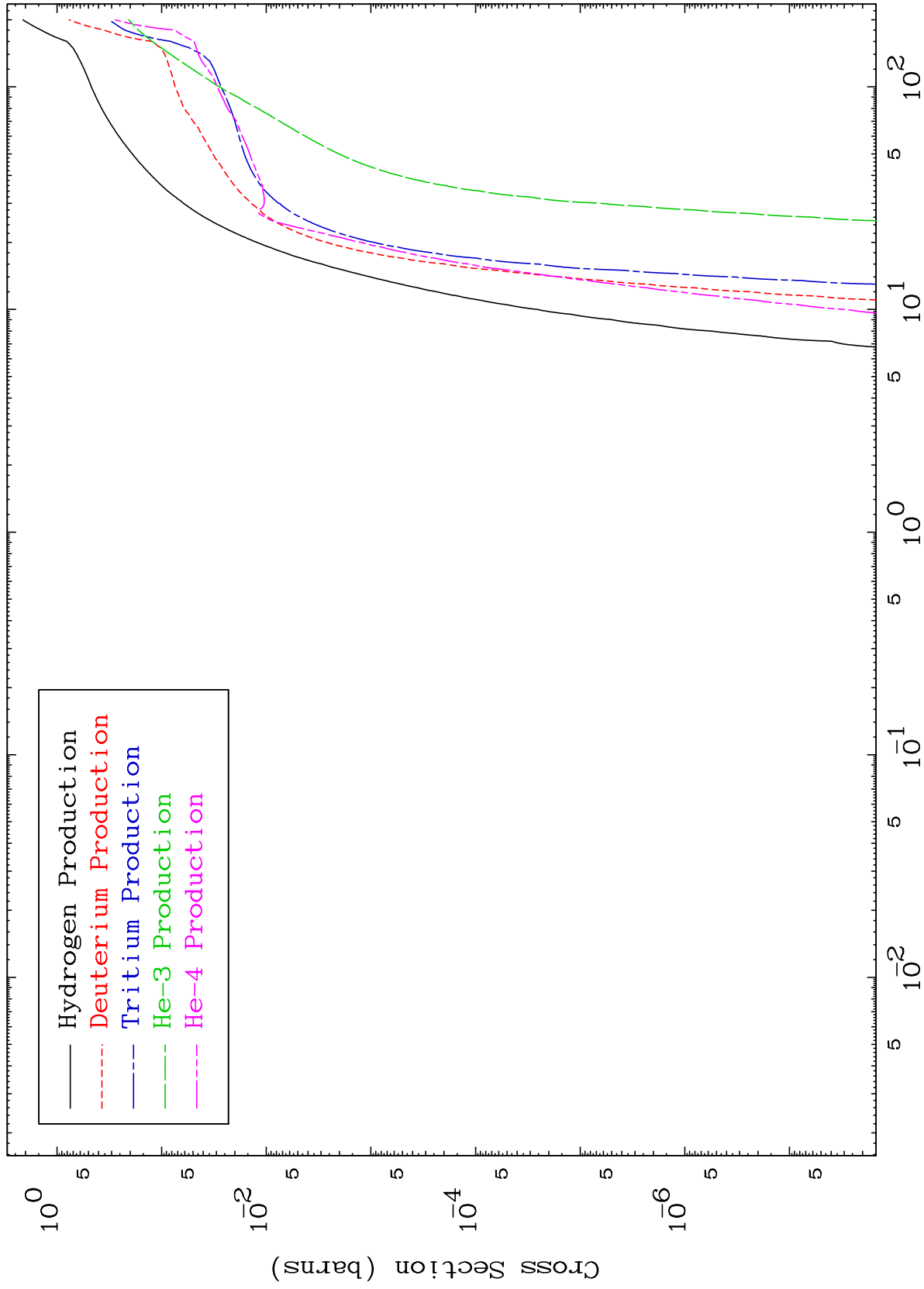
5

77-Ir-197

MAT 7743

Particle Production
293 Kelvin Cross Sections

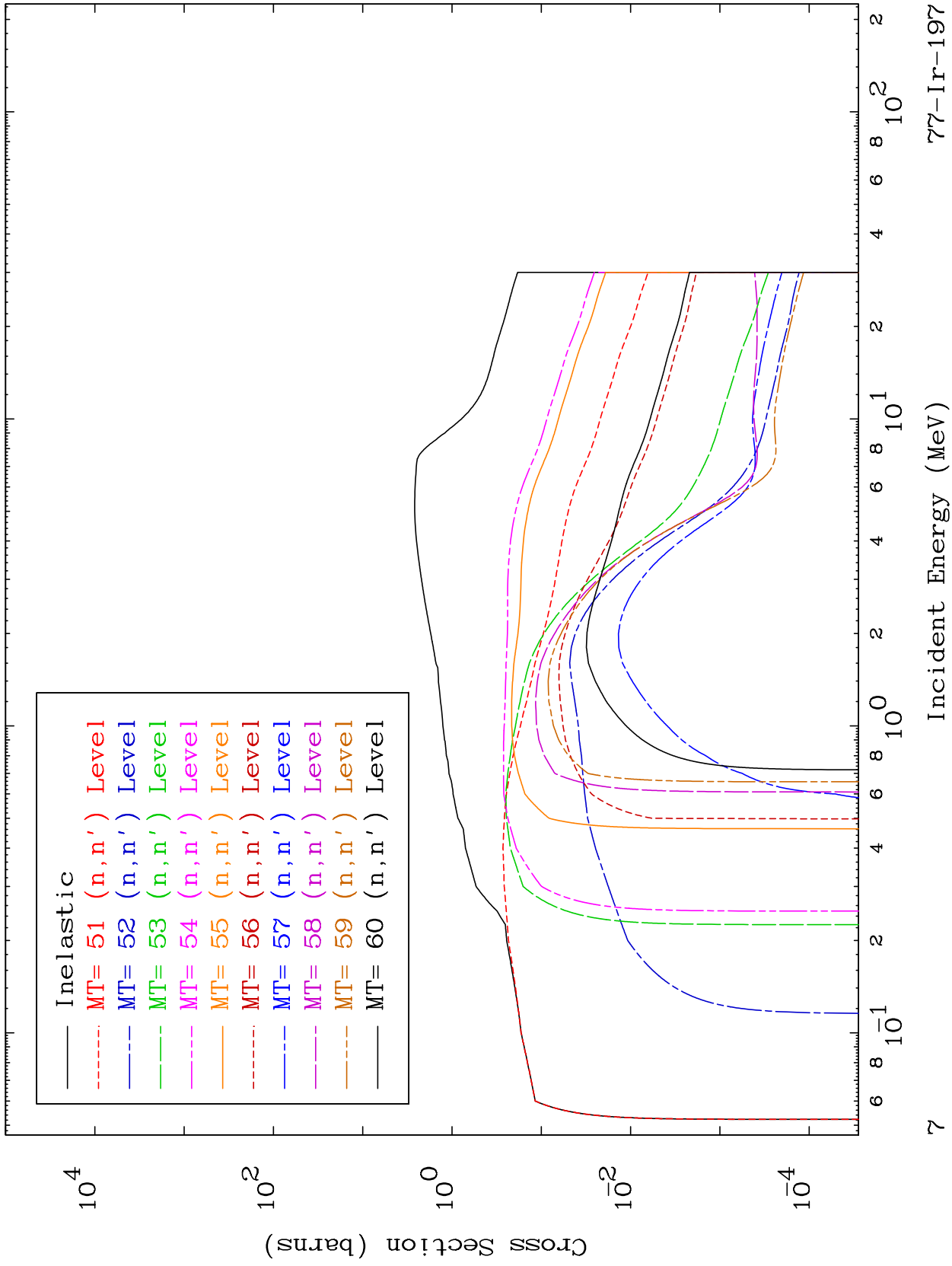
77-Ir-197



6

Incident Energy (MeV)

77-Ir-197

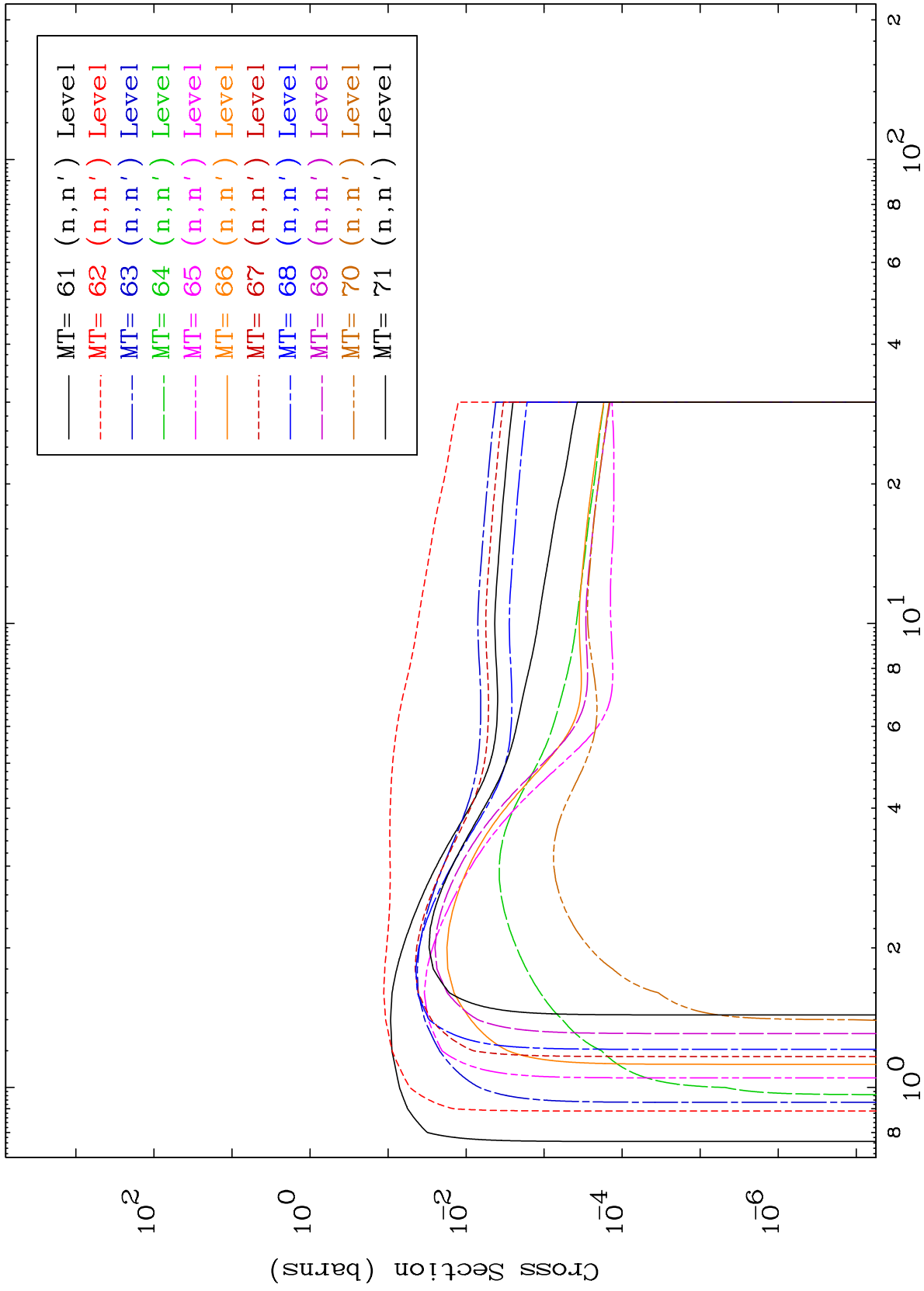


MAT 7743

(n,n') Level

77-Ir-197

293 Kelvin Cross Sections



8

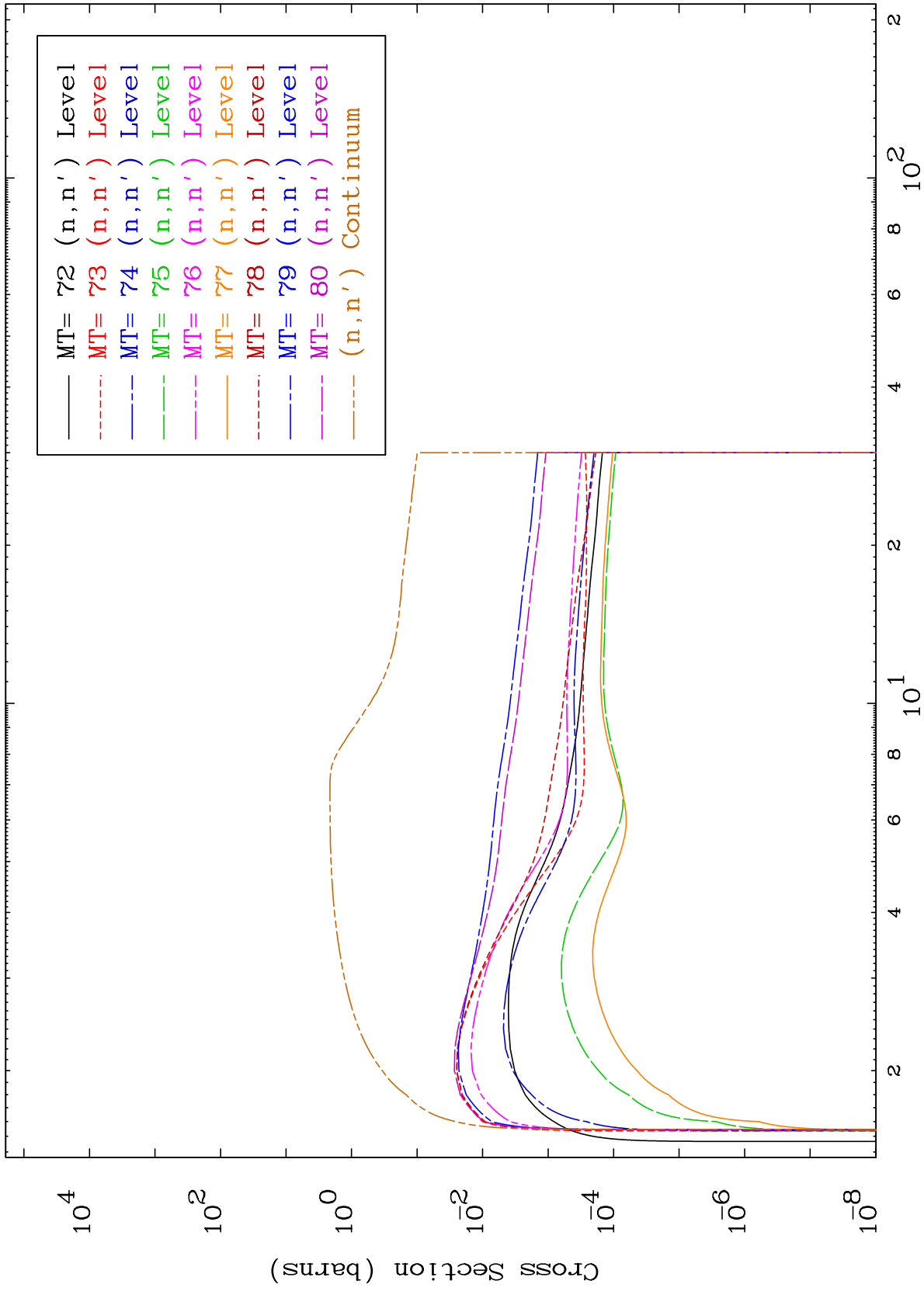
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,n') Level
293 Kelvin Cross Sections

77-Ir-197



9

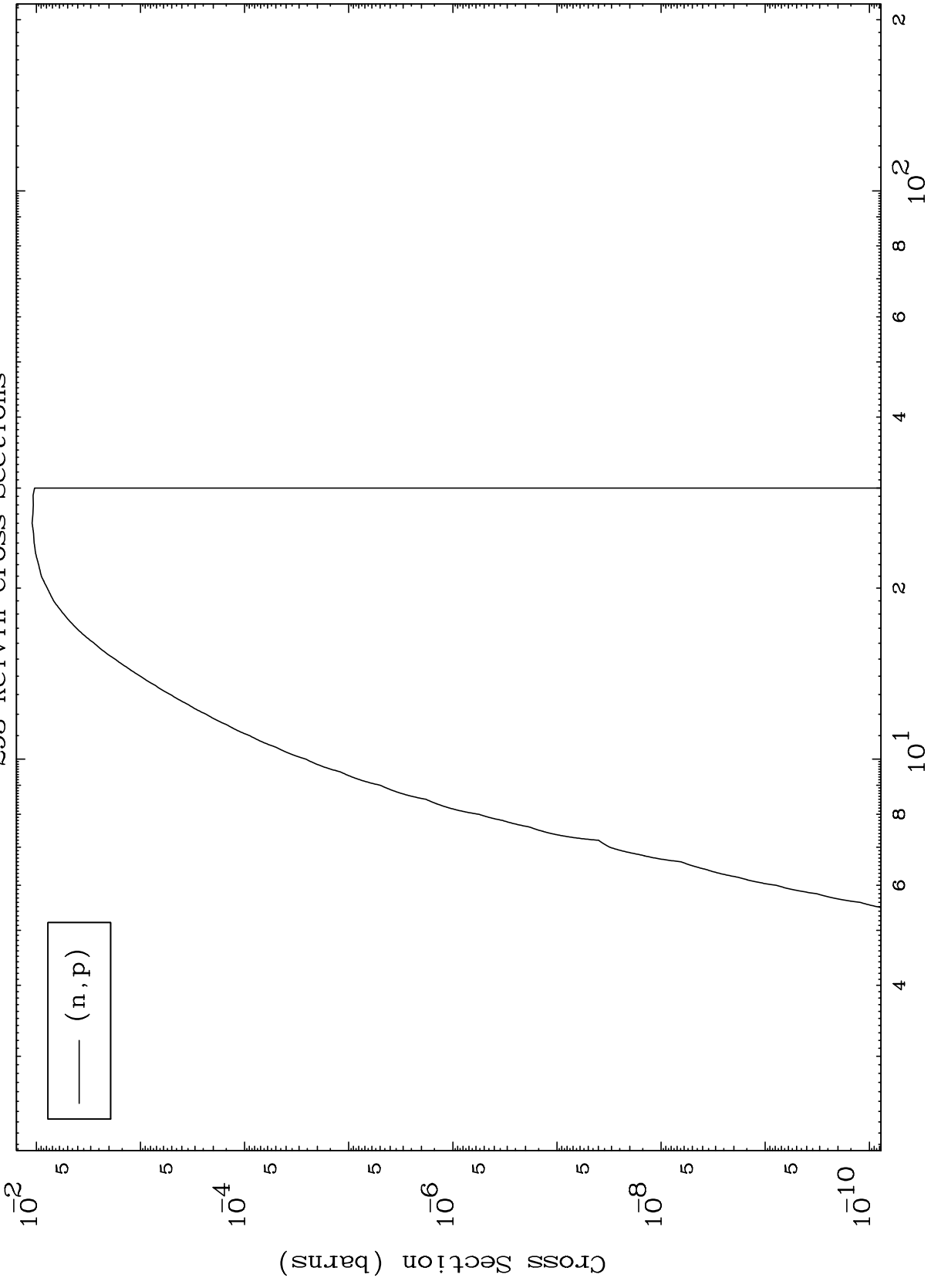
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-197



(n,p)

10

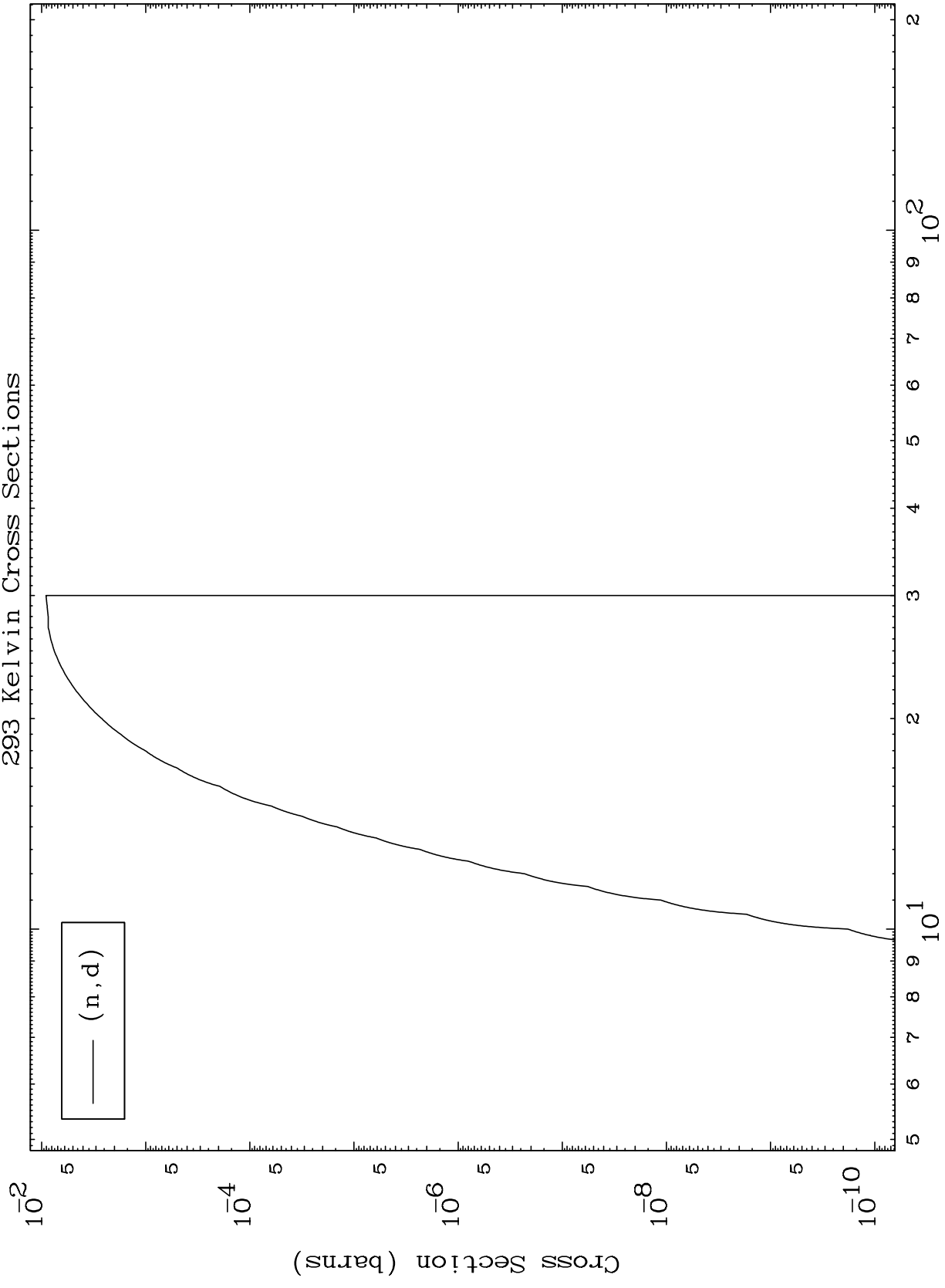
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-197



11

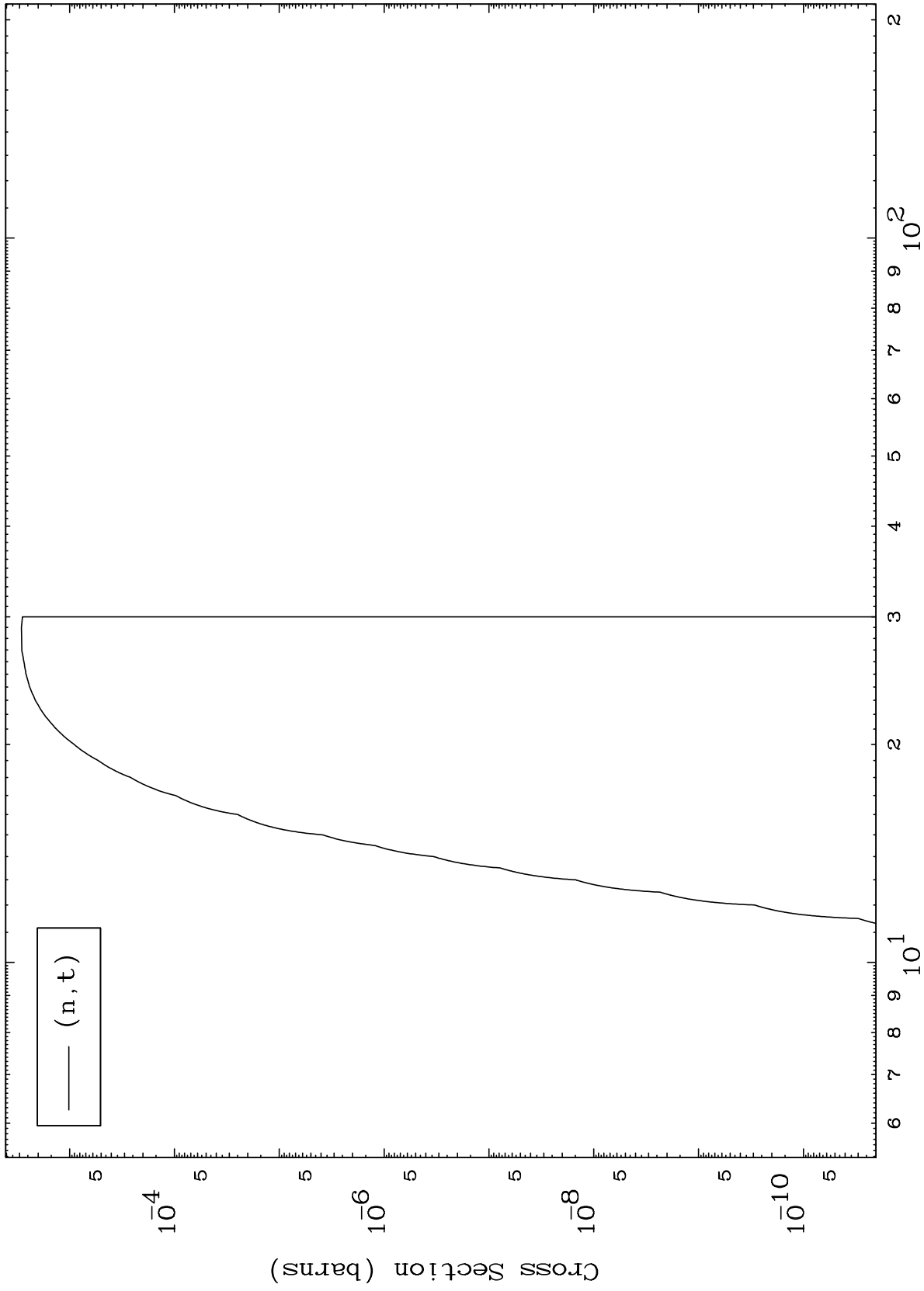
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-197



12

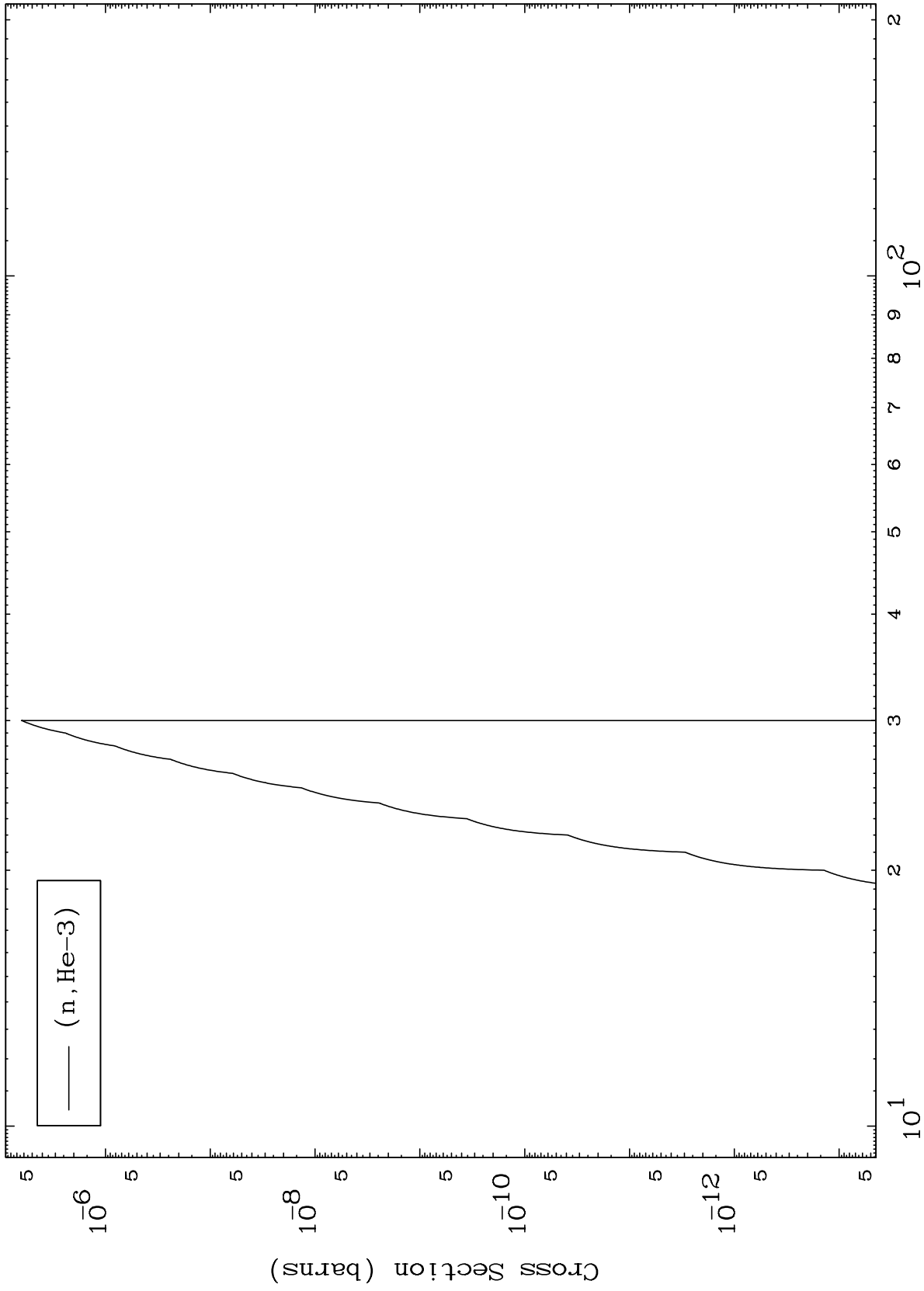
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-197



13

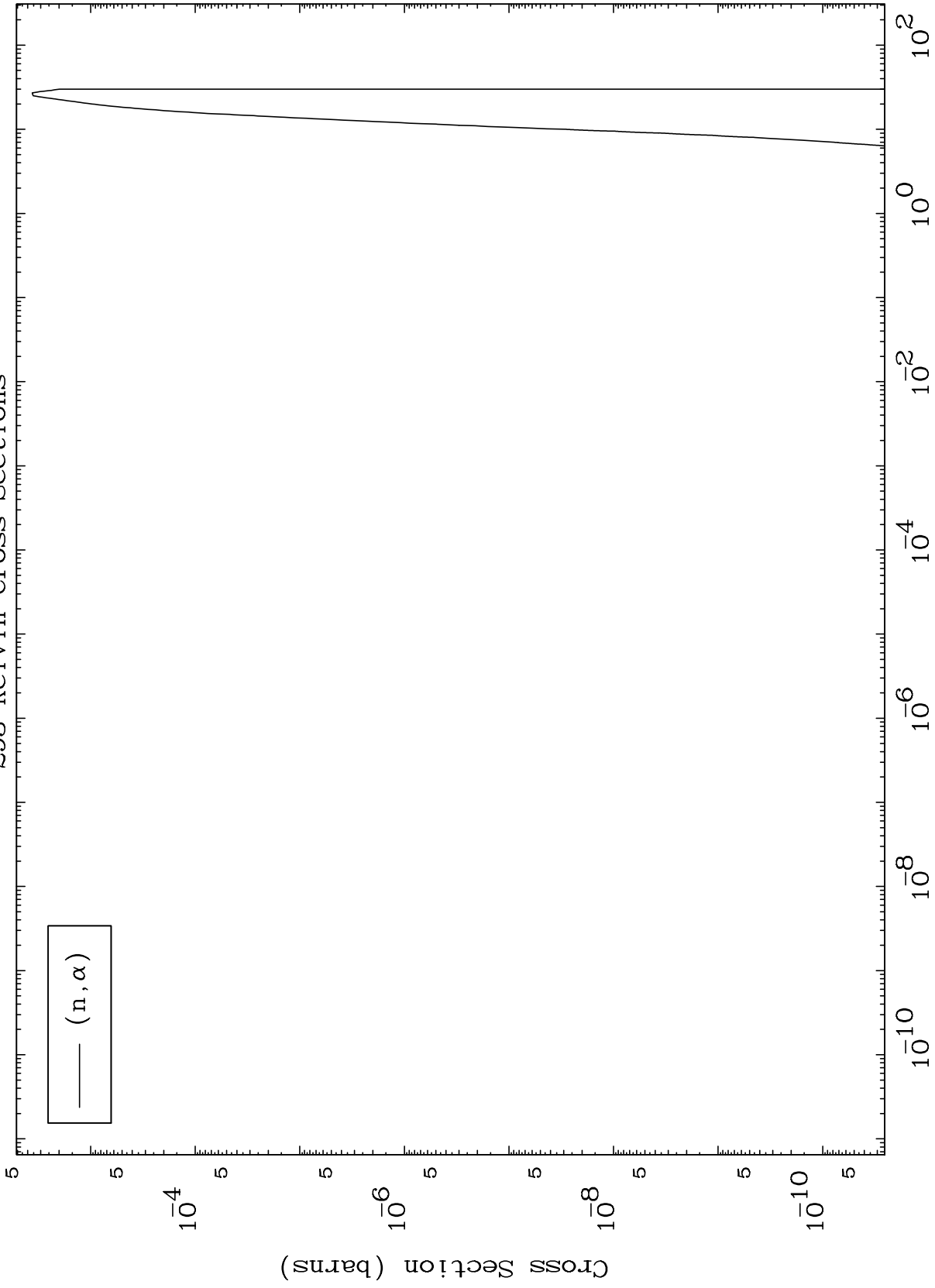
Incident Energy (MeV)

77-Ir-197

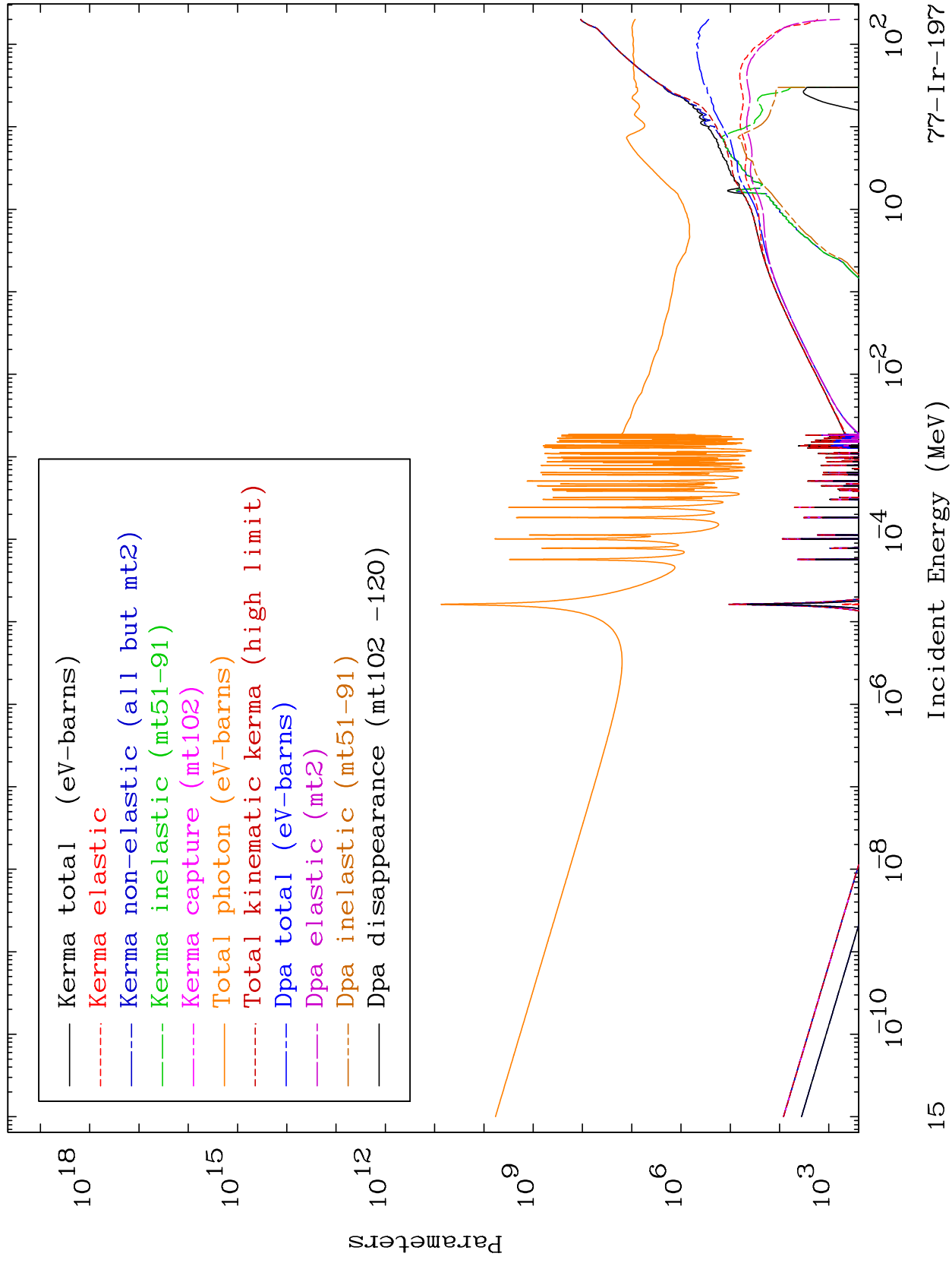
MAT 7743

(n,α) Levels
293 Kelvin Cross Sections

77-Ir-197



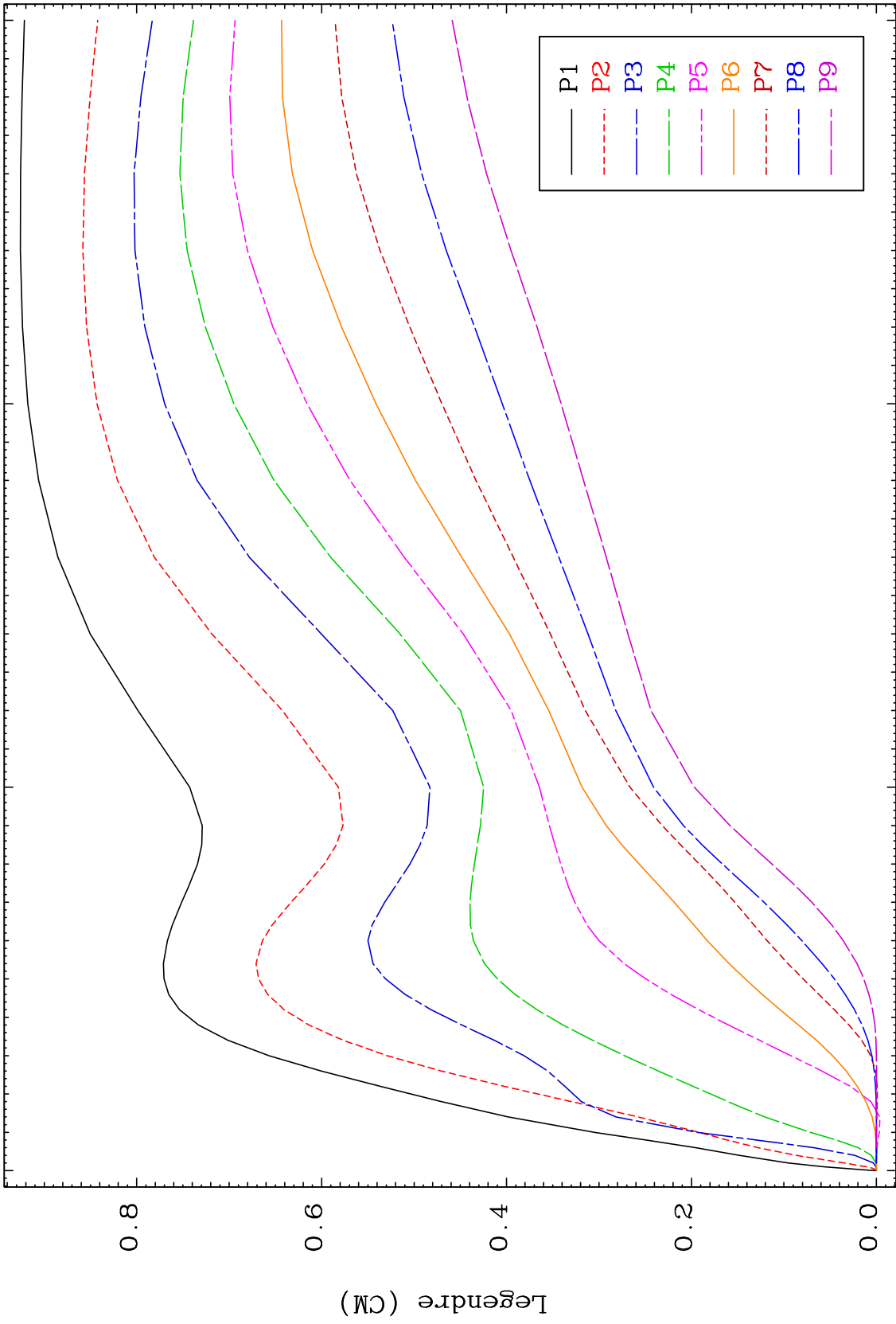
77-Ir-197



MAT 7743

Elastic Legendre Coefficients

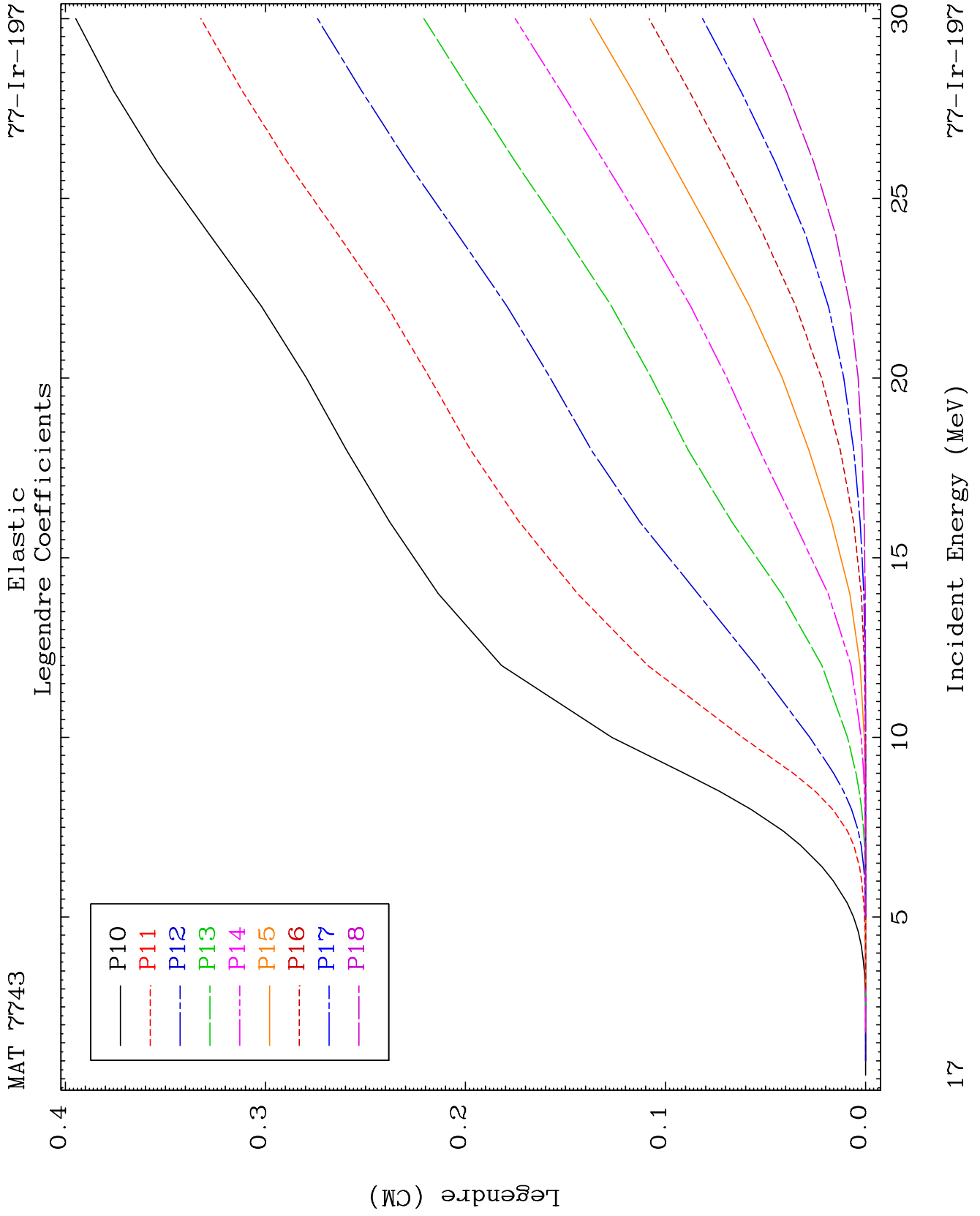
77-Ir-197



16

Incident Energy (MeV)

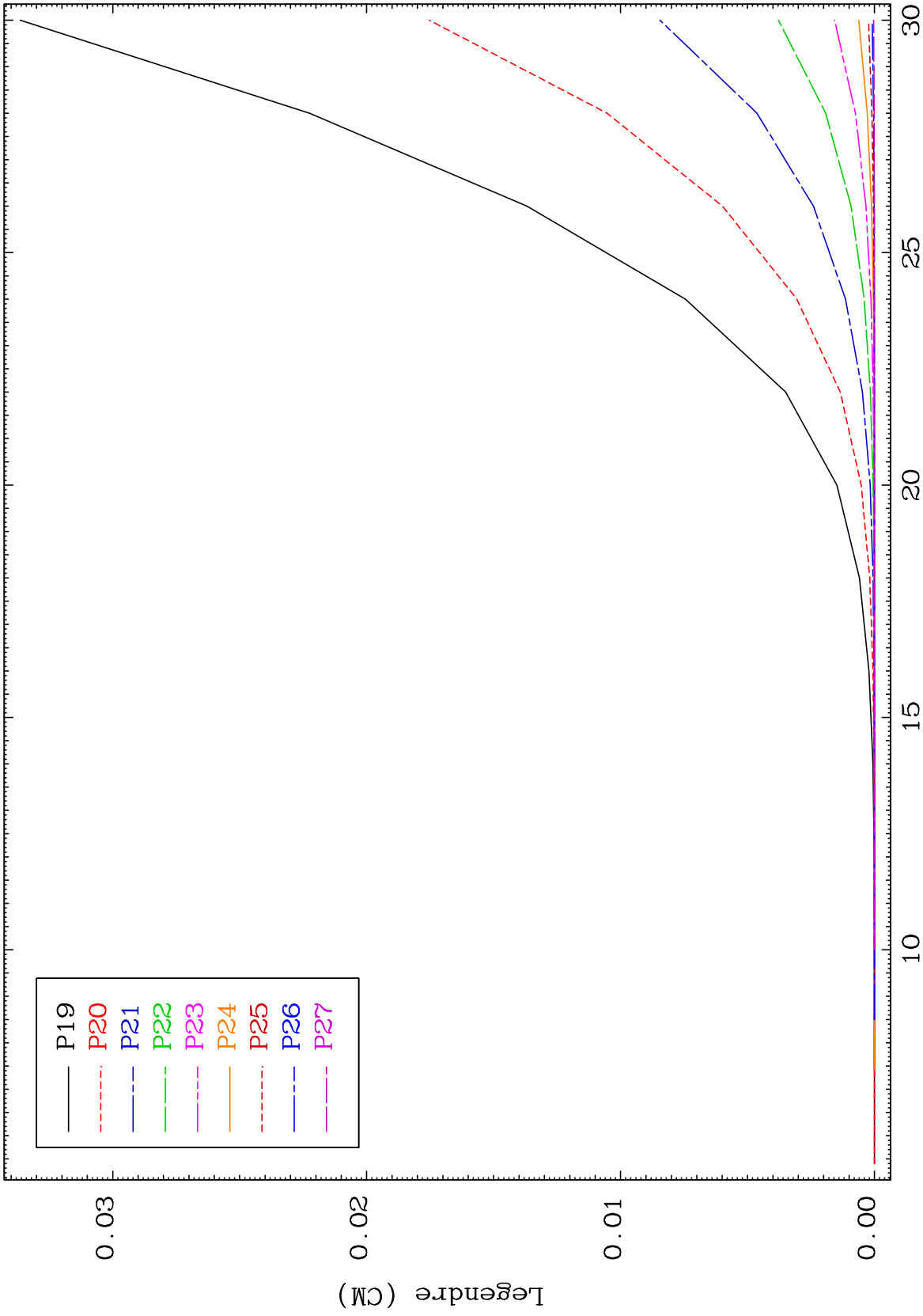
77-Ir-197



MAT 7743

Elastic Legendre Coefficients

77-Ir-197



18

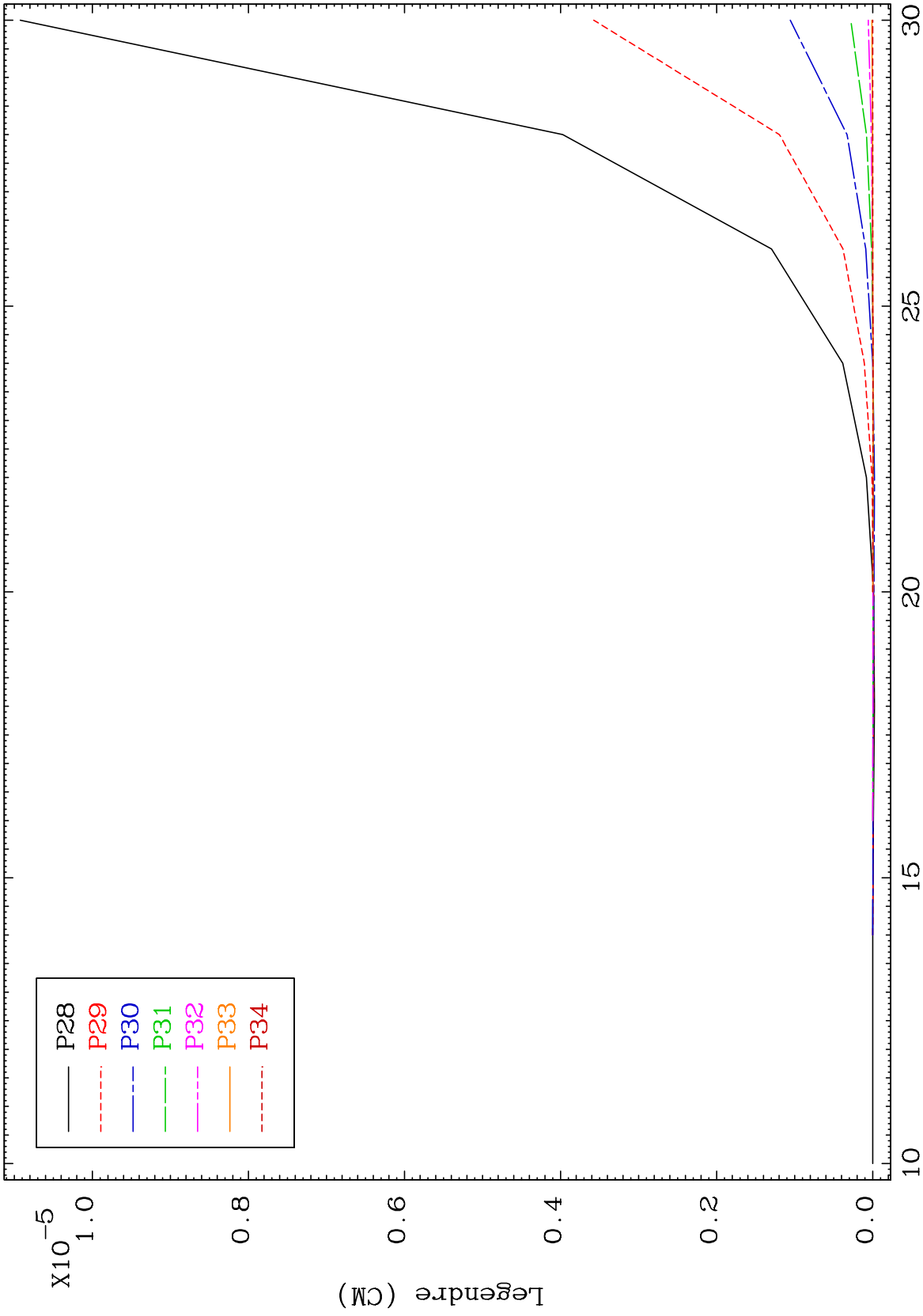
Incident Energy (MeV)

77-Ir-197

MAT 7743

Elastic Legendre Coefficients

77-Ir-197



19

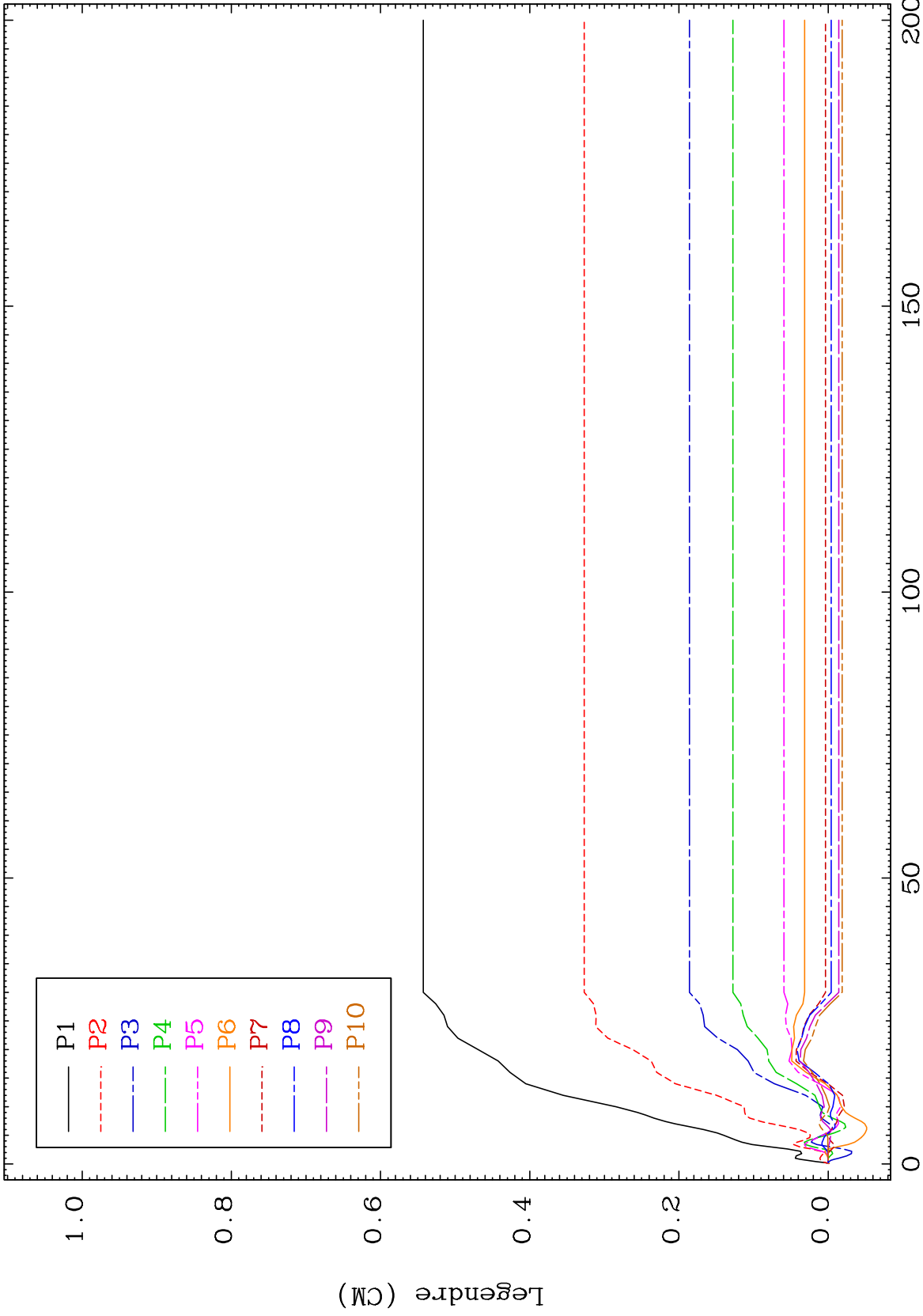
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



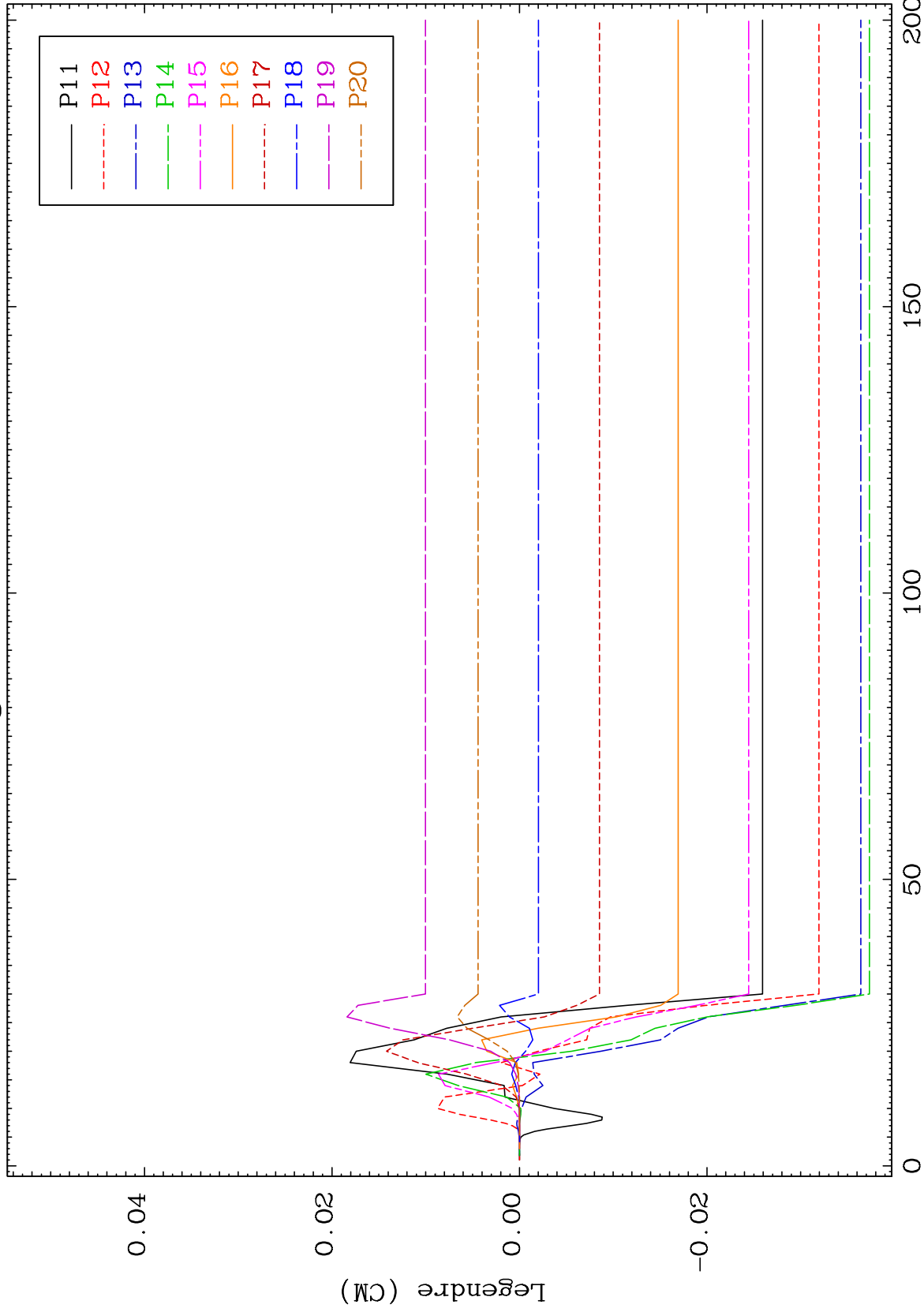
77-Ir-197

Incident Energy (MeV)

MAT 7743

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

77-Ir-197



21

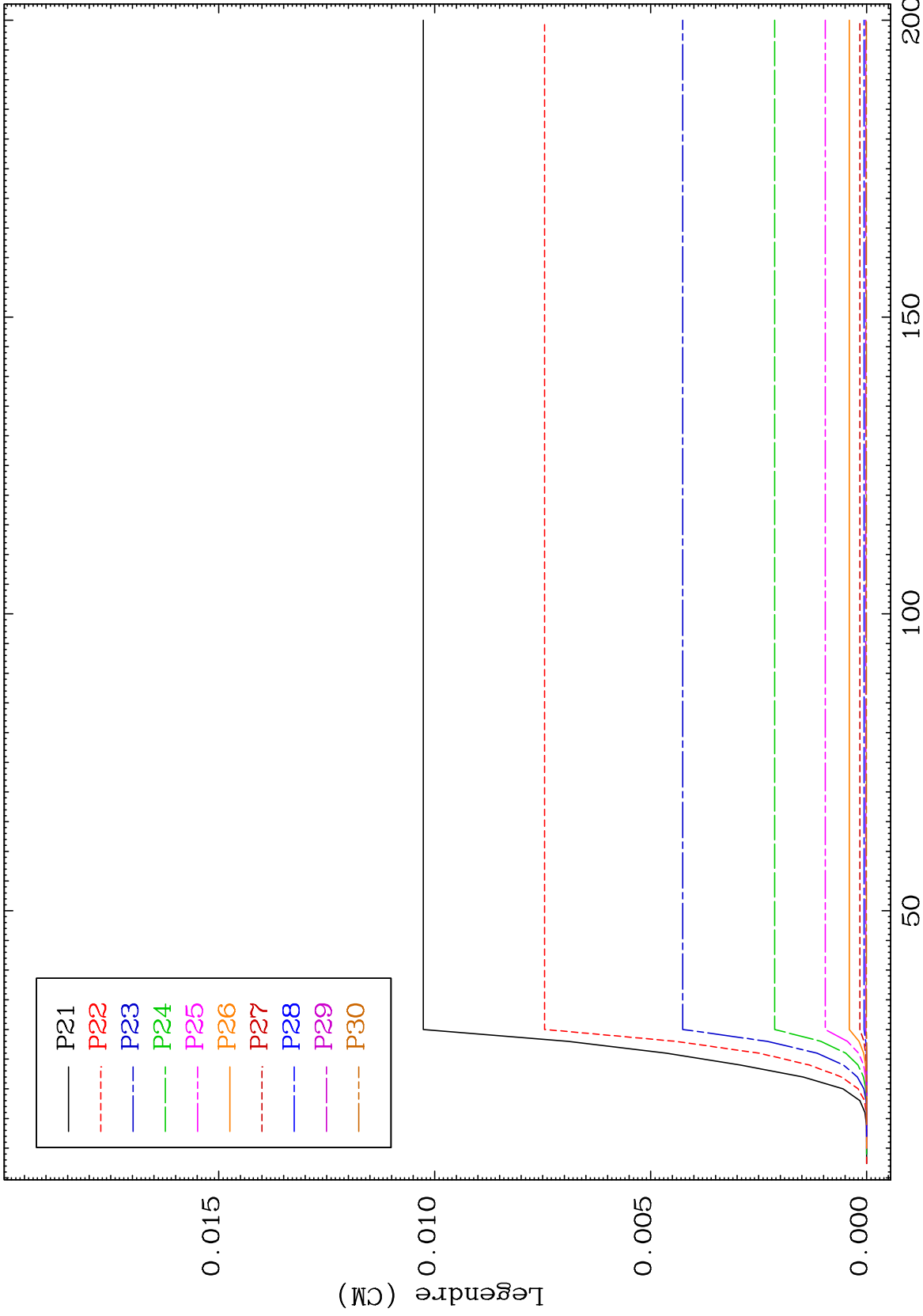
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



22

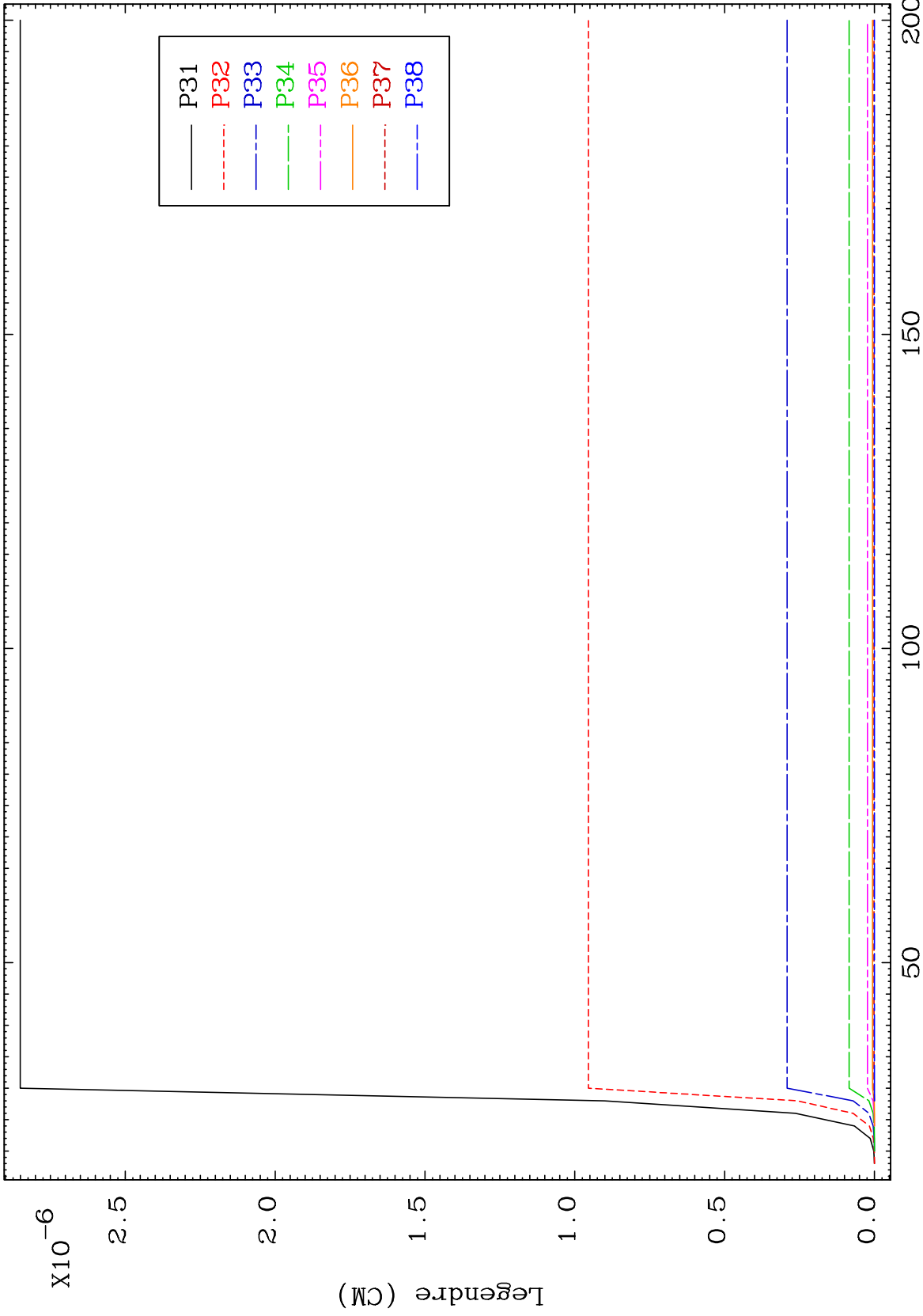
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



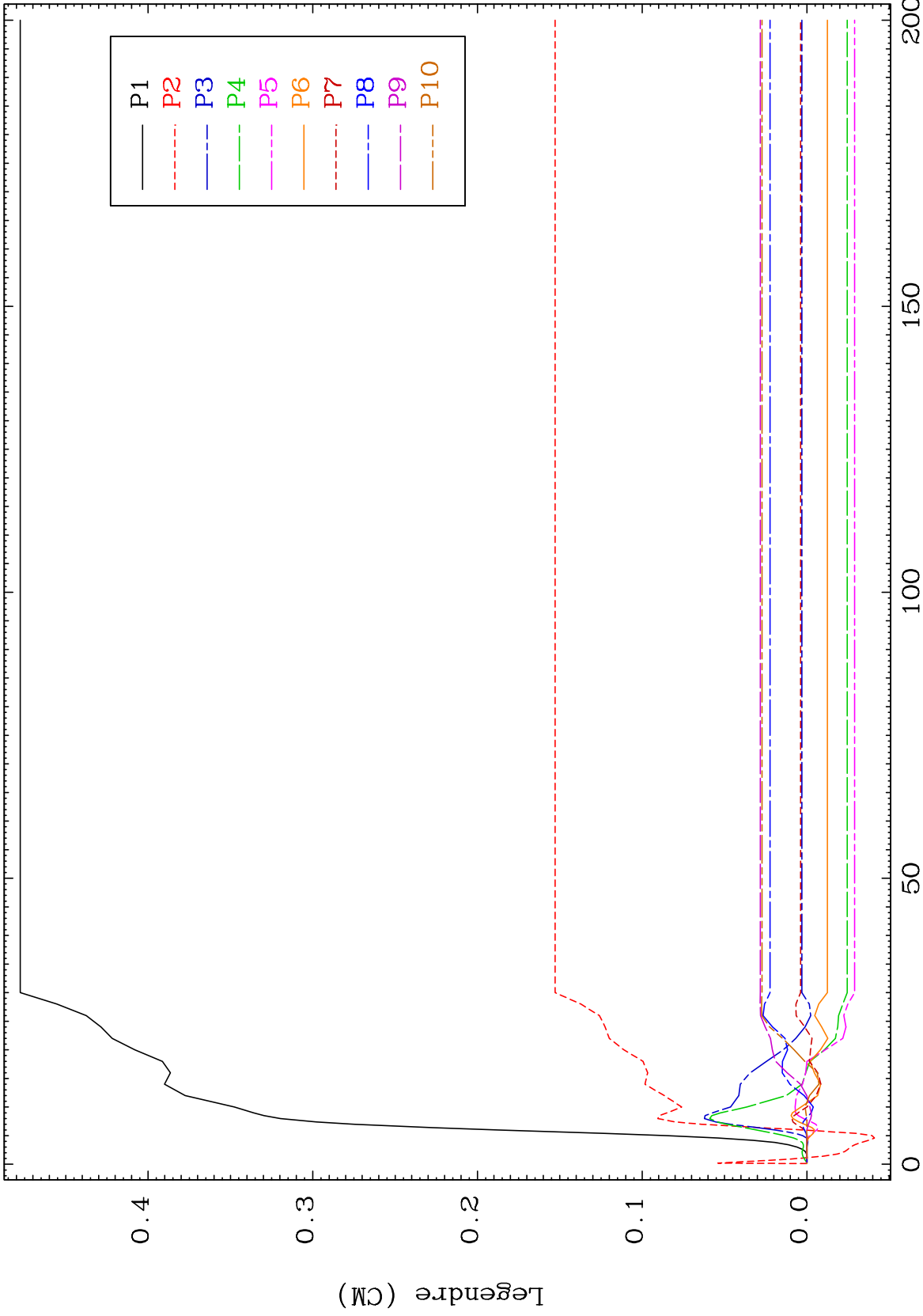
23

77-Ir-197

MAT 7743

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

77-Ir-197



24

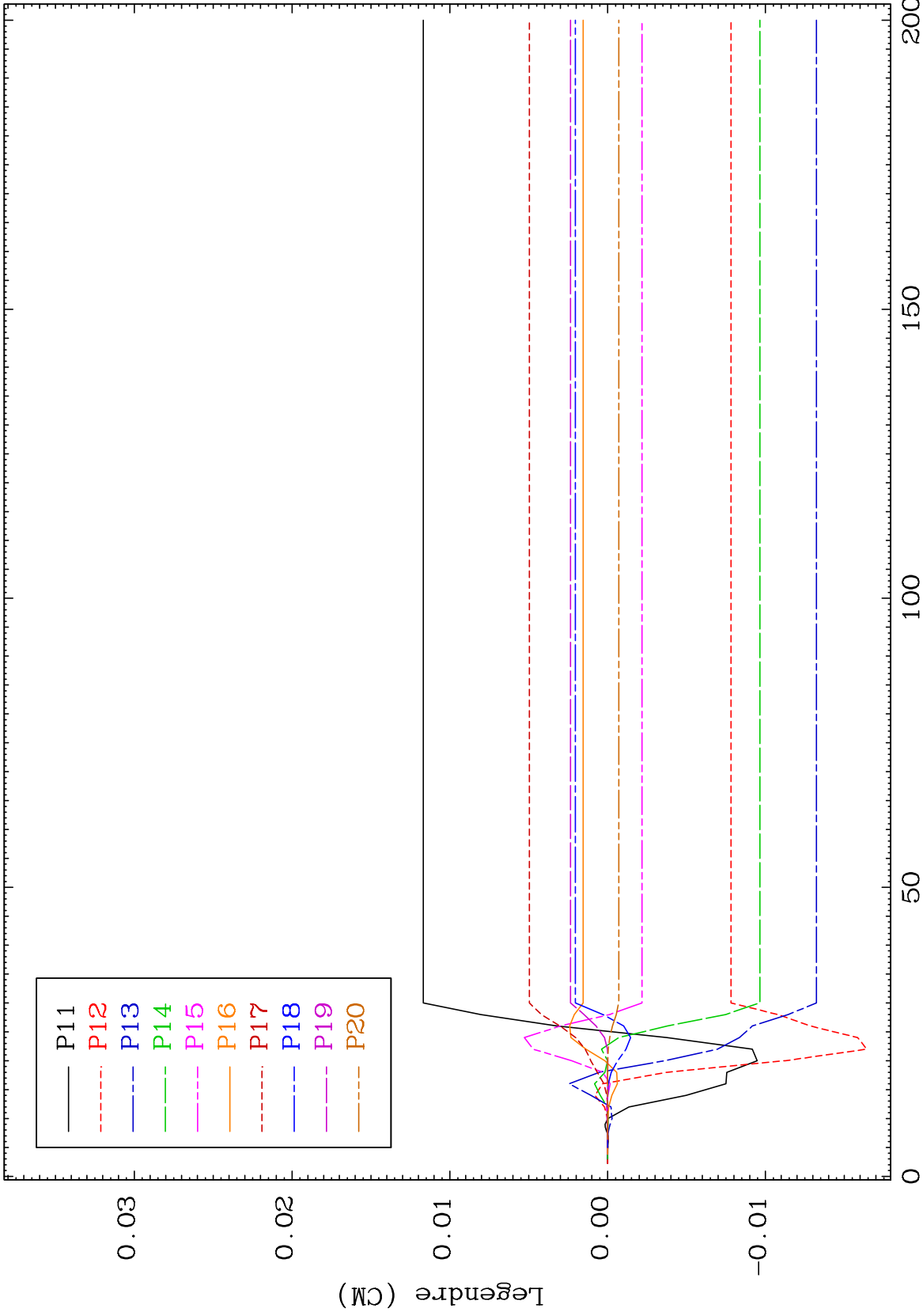
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



25

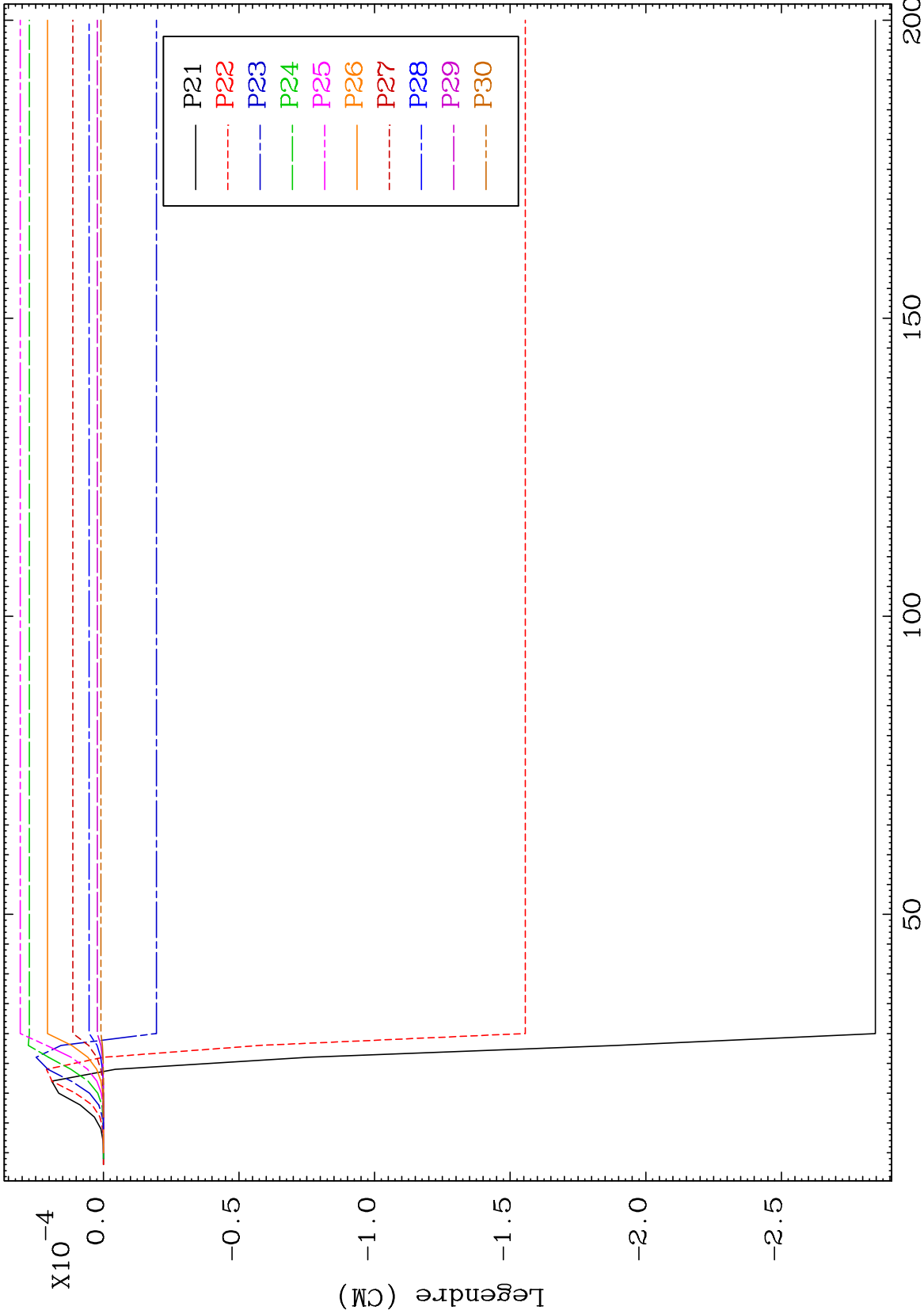
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



26

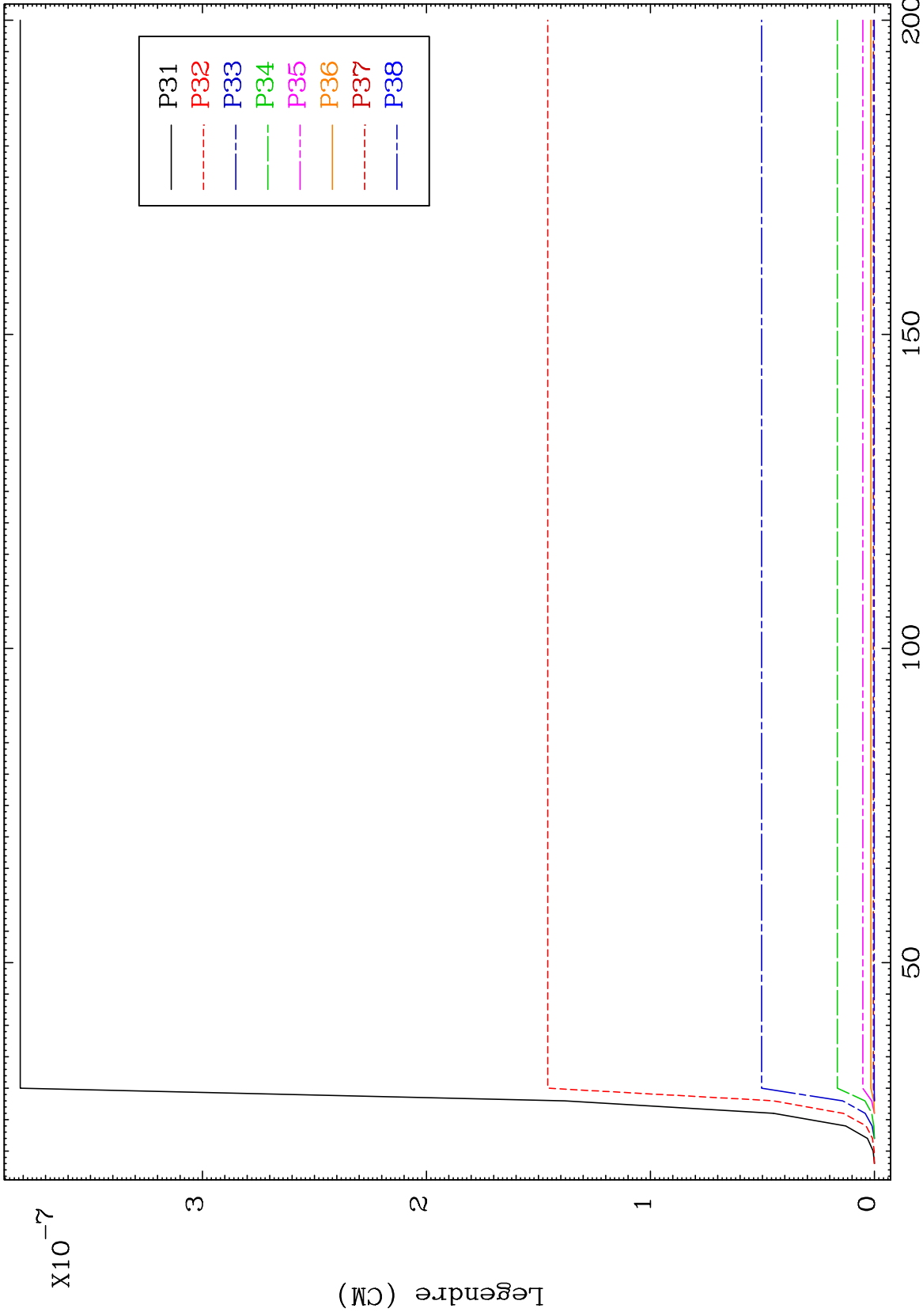
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



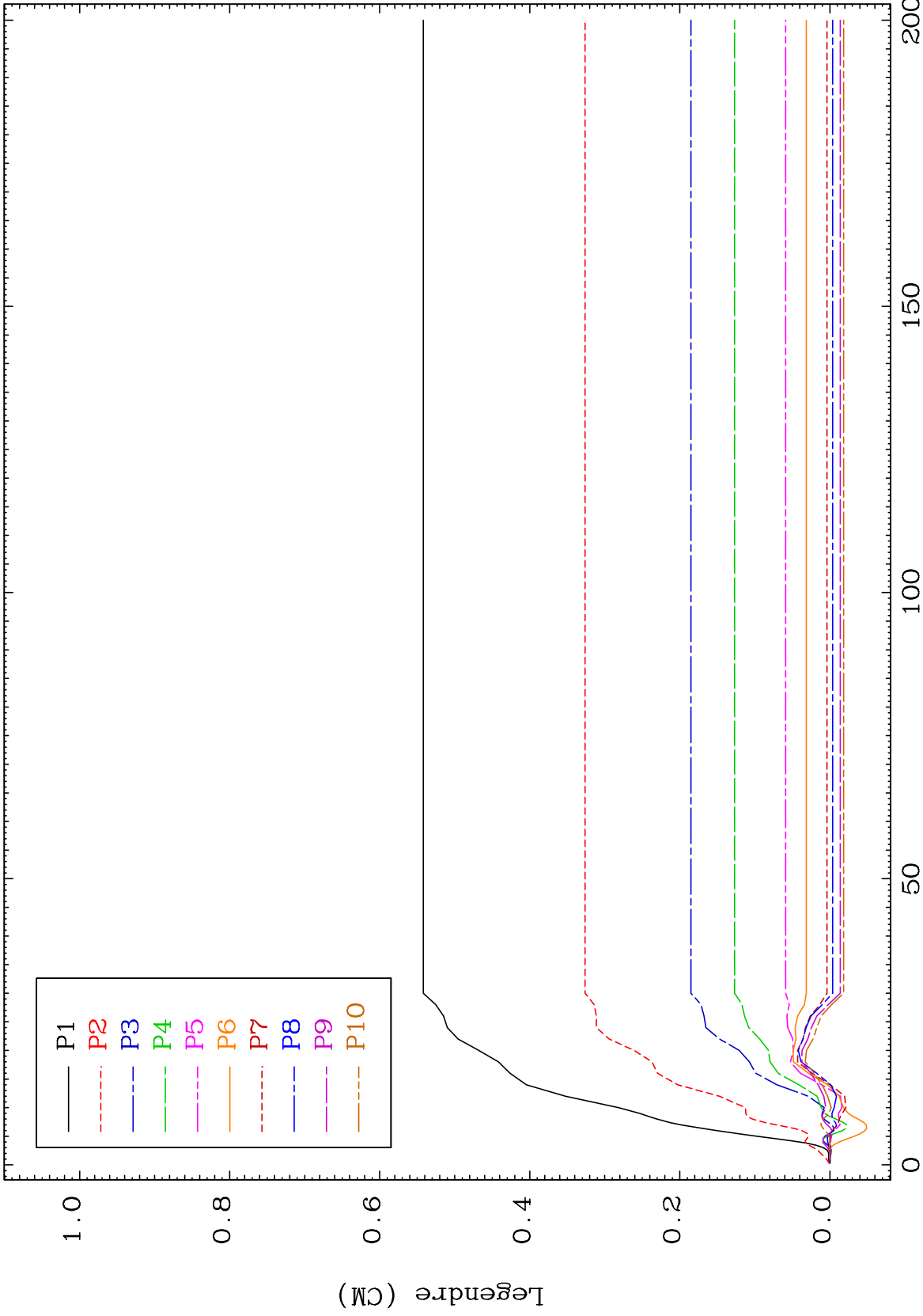
27

77-Ir-197

MAT 7743

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

77-Ir-197



28

77-Ir-197

MAT 7743

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

77-Ir-197



29

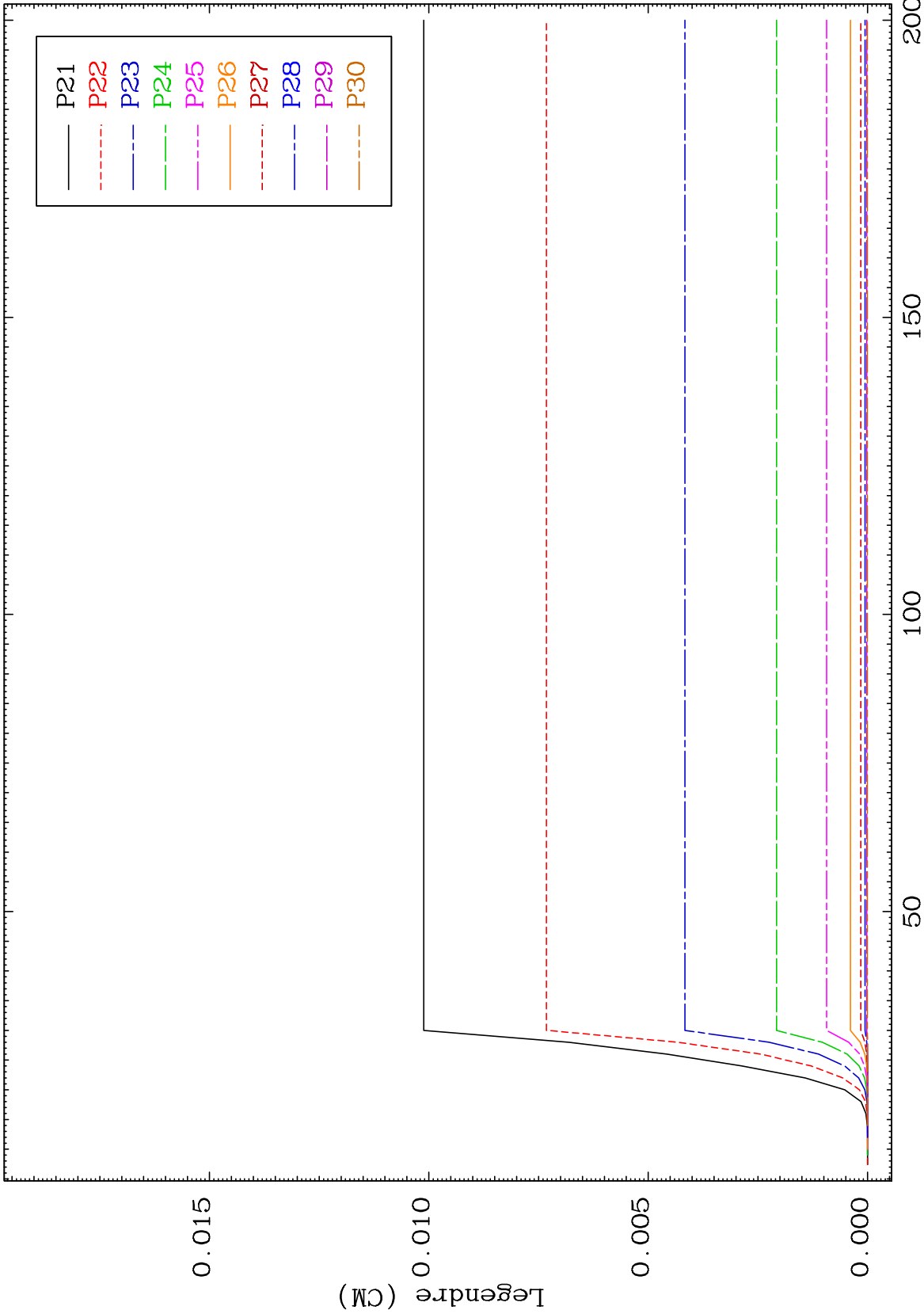
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



30

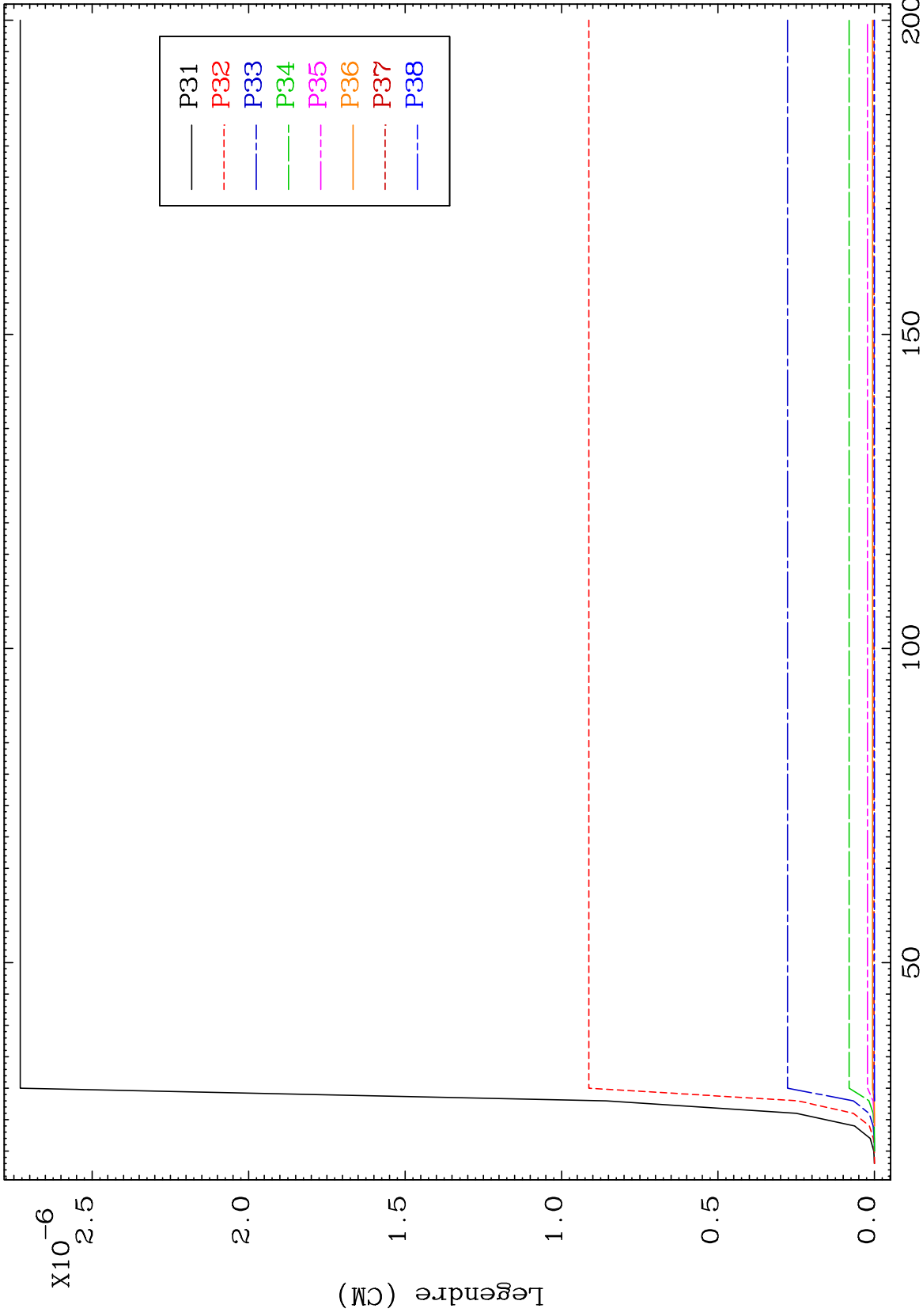
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



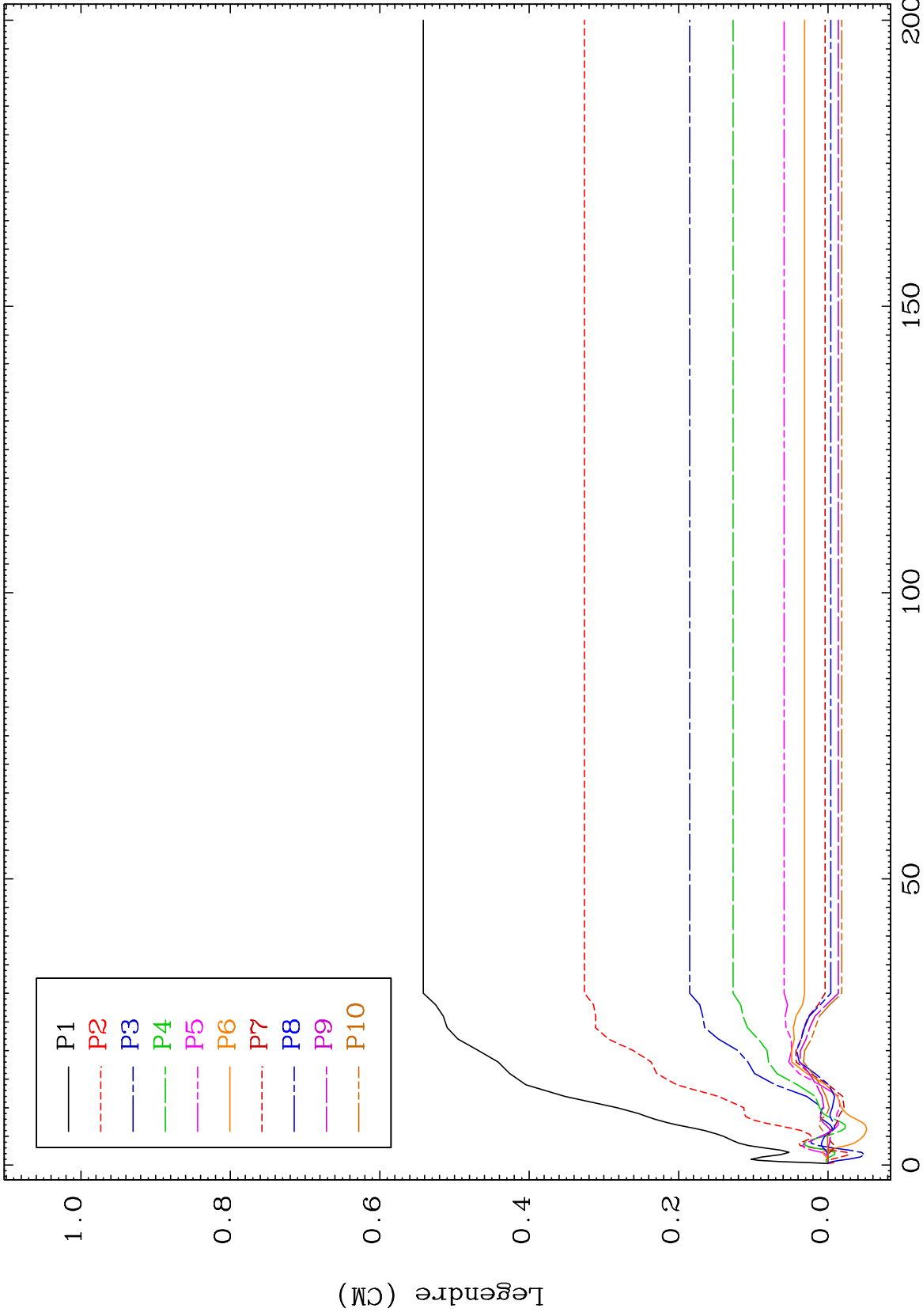
31

77-Ir-197

MAT 7743

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

77-Ir-197



32

Incident Energy (MeV)

77-Ir-197

MAT 7743

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

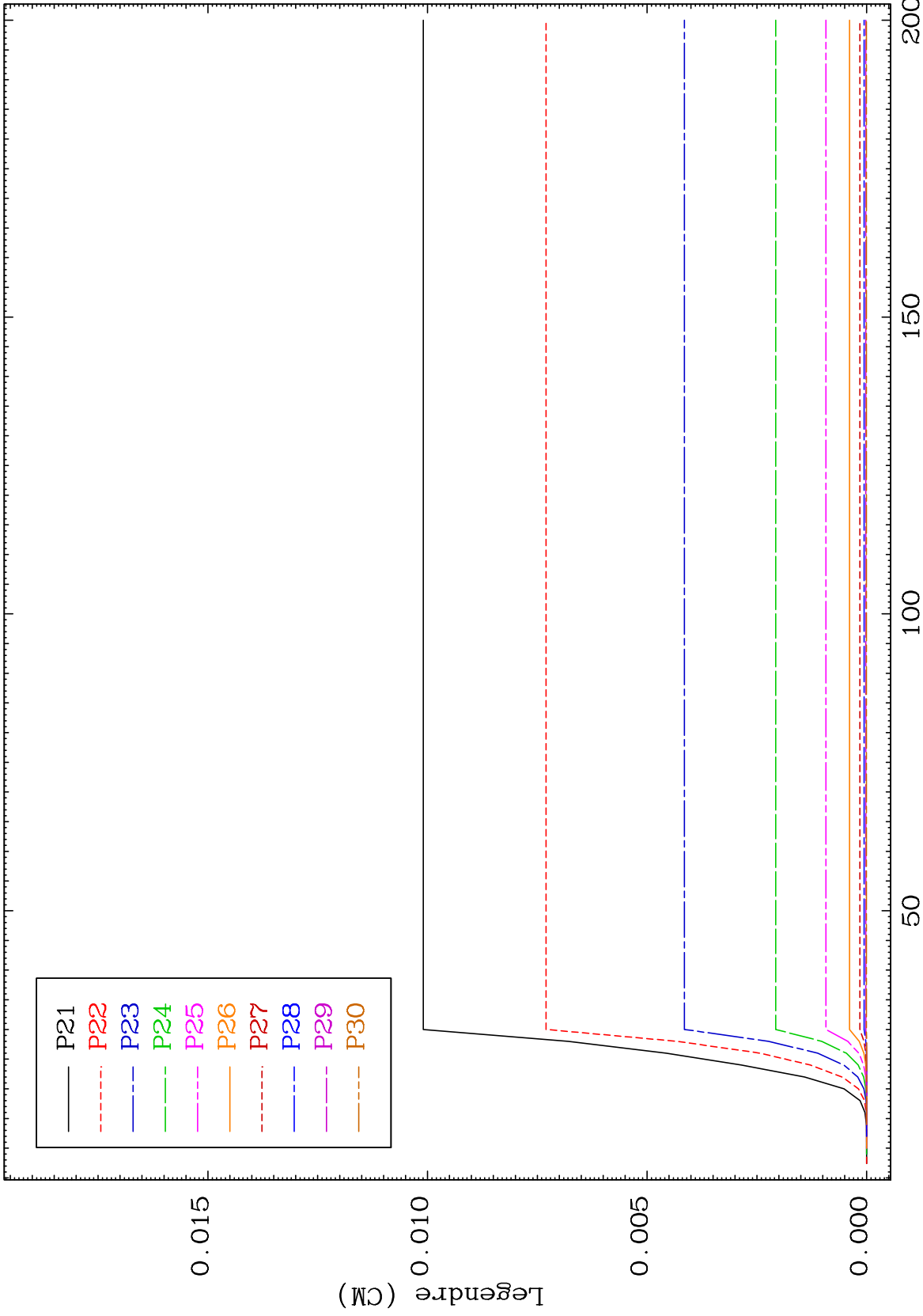
77-Ir-197



33

Incident Energy (MeV)

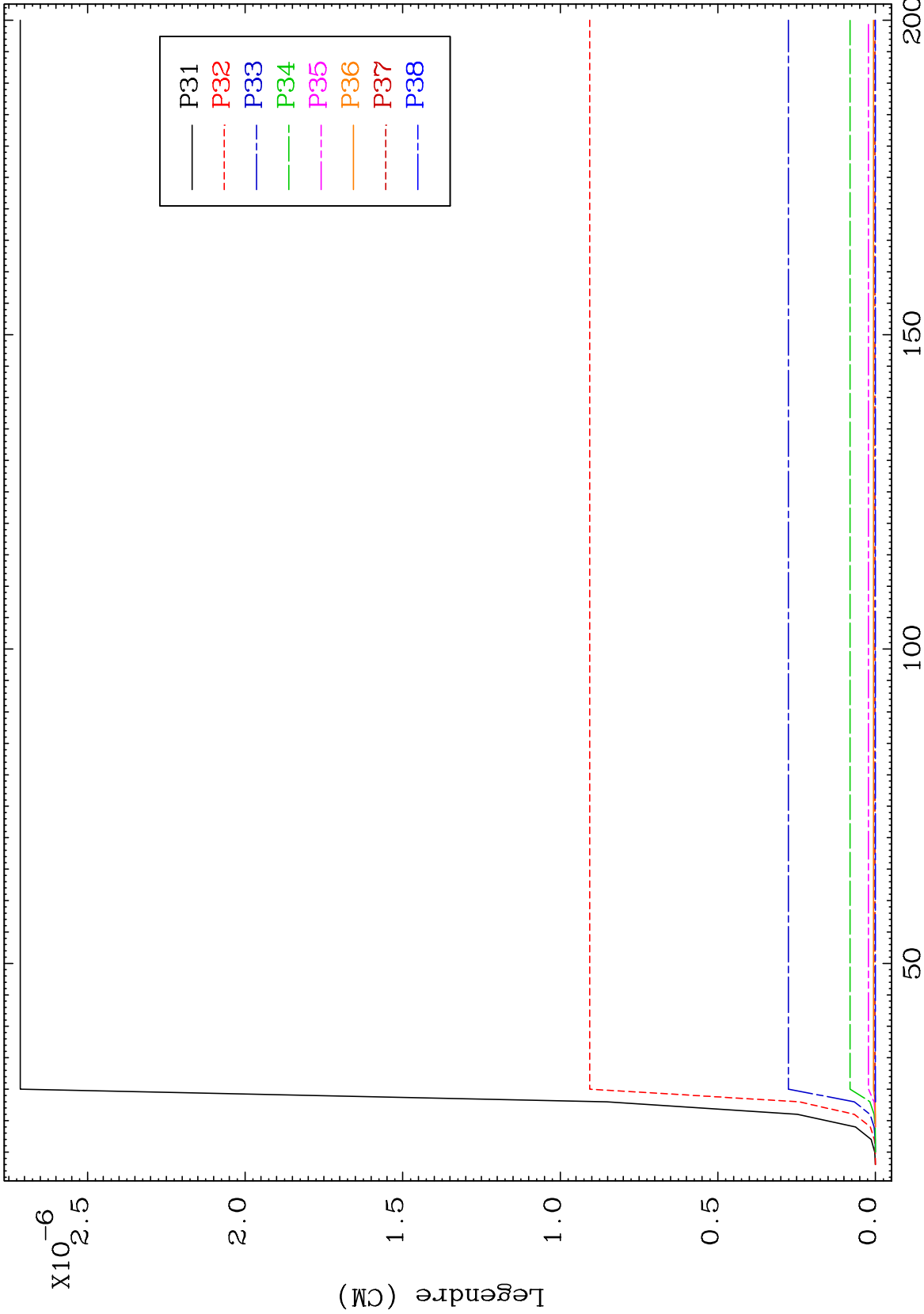
77-Ir-197



MAT 7743

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

77-Ir-197



35

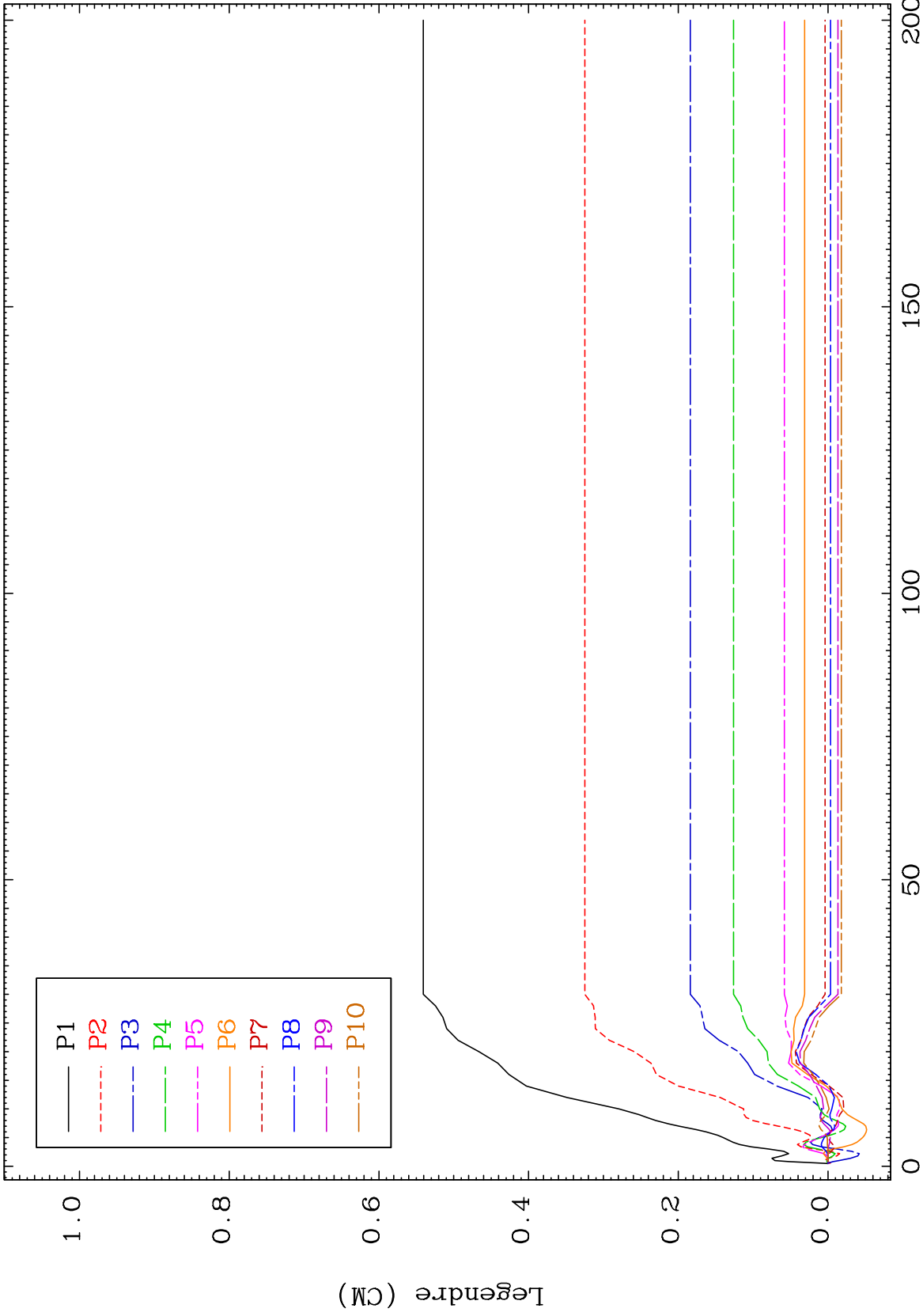
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



36

Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



37

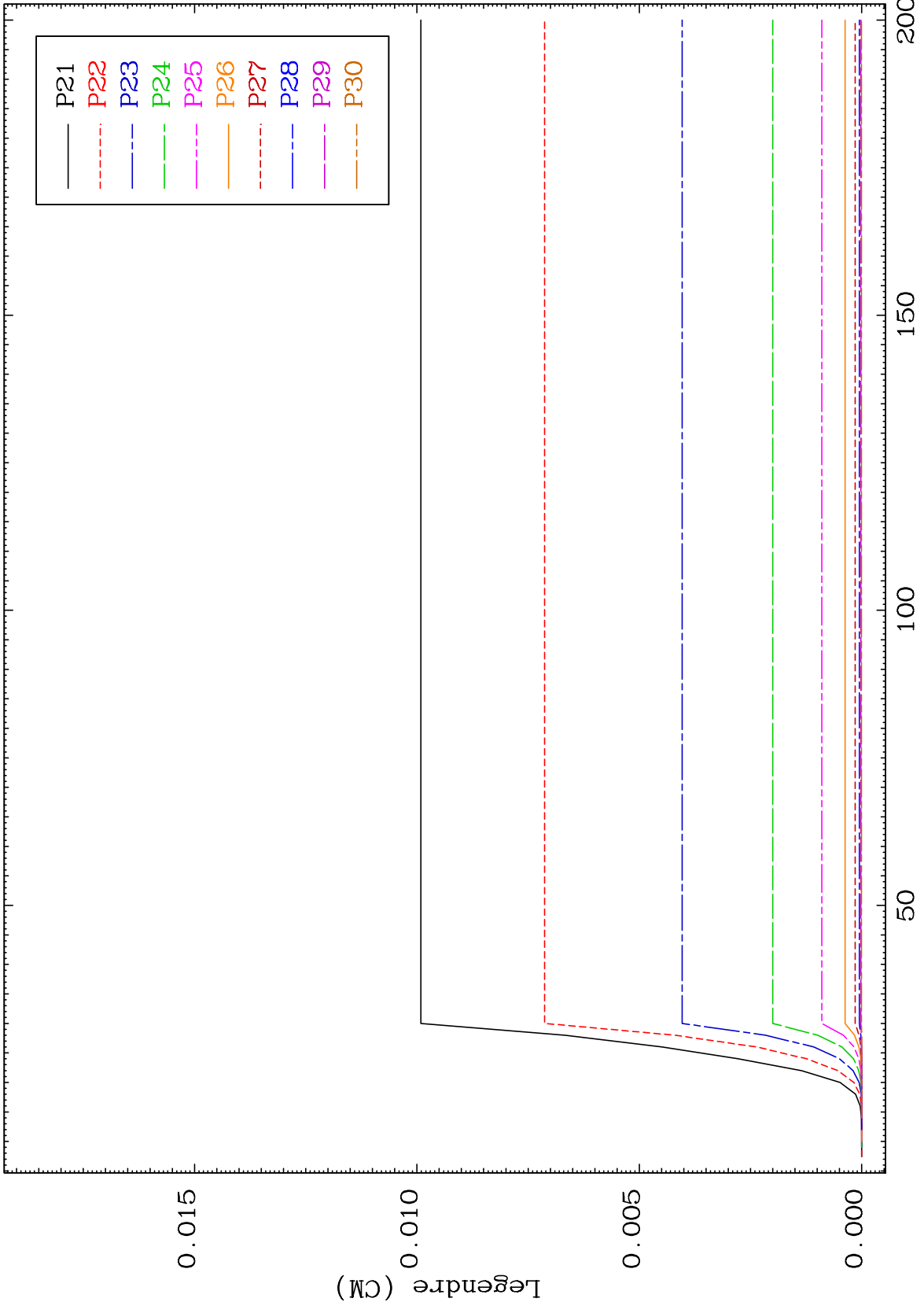
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



38

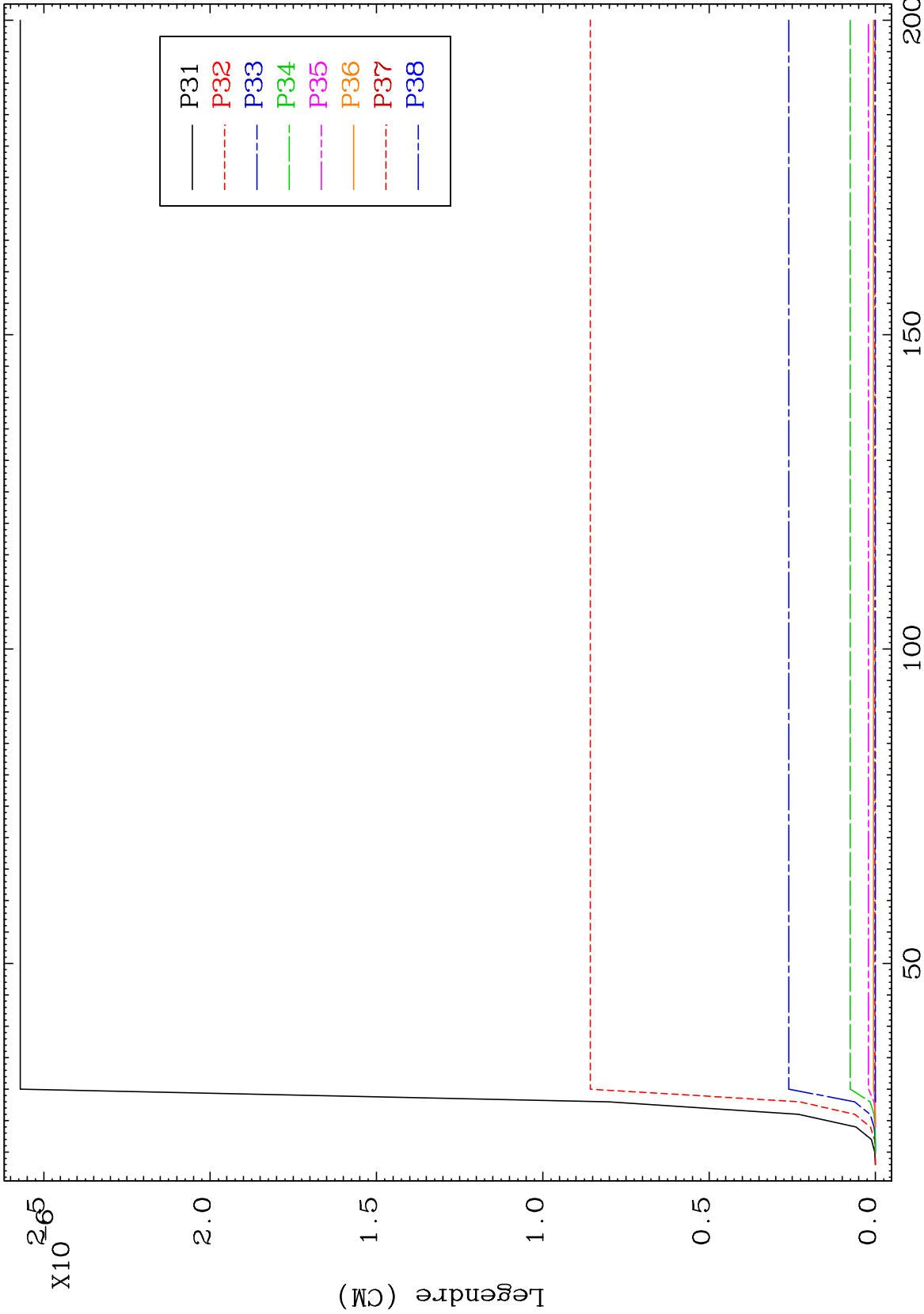
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



39

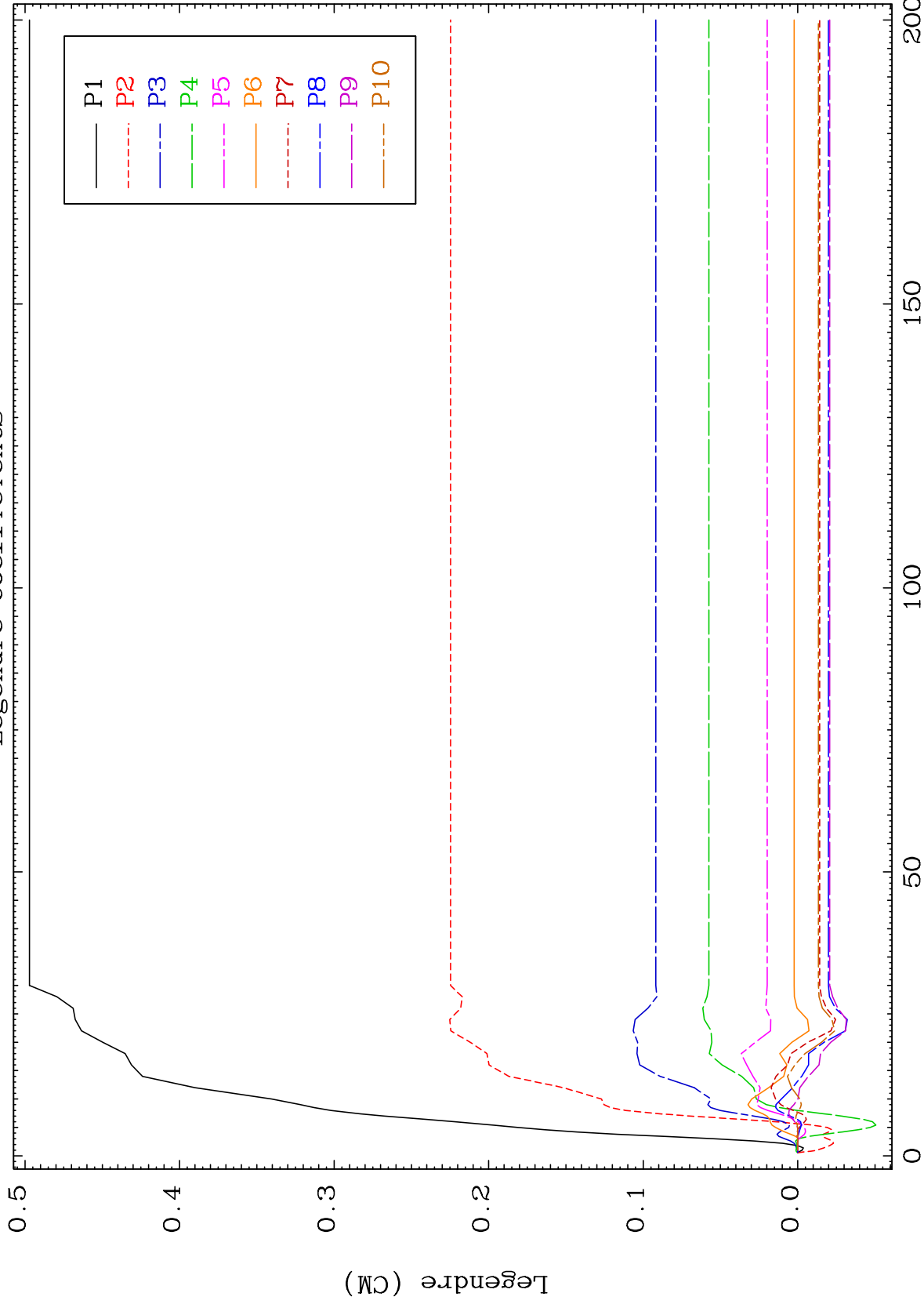
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



77-Ir-197

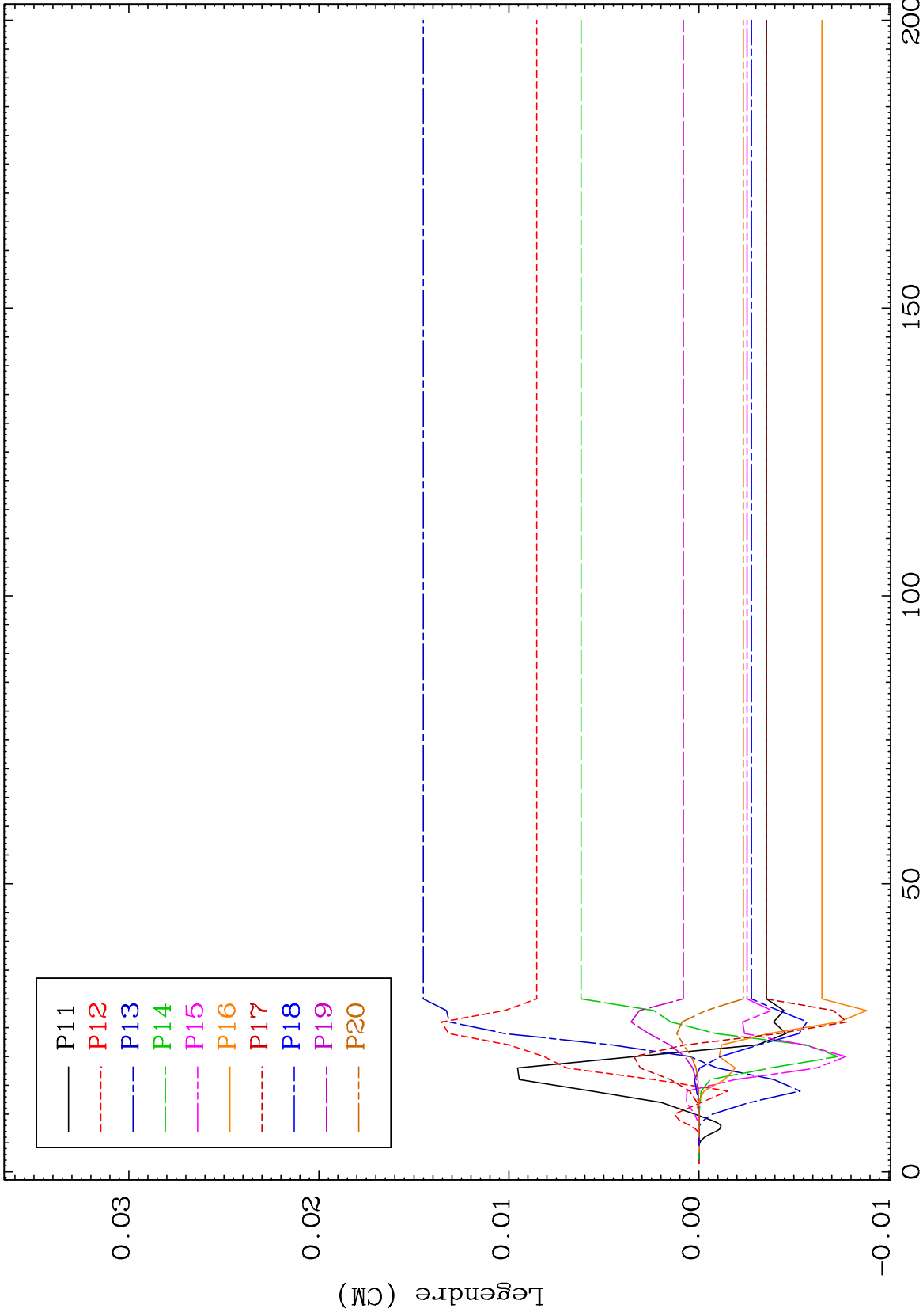
Incident Energy (MeV)

40

MAT 7743

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

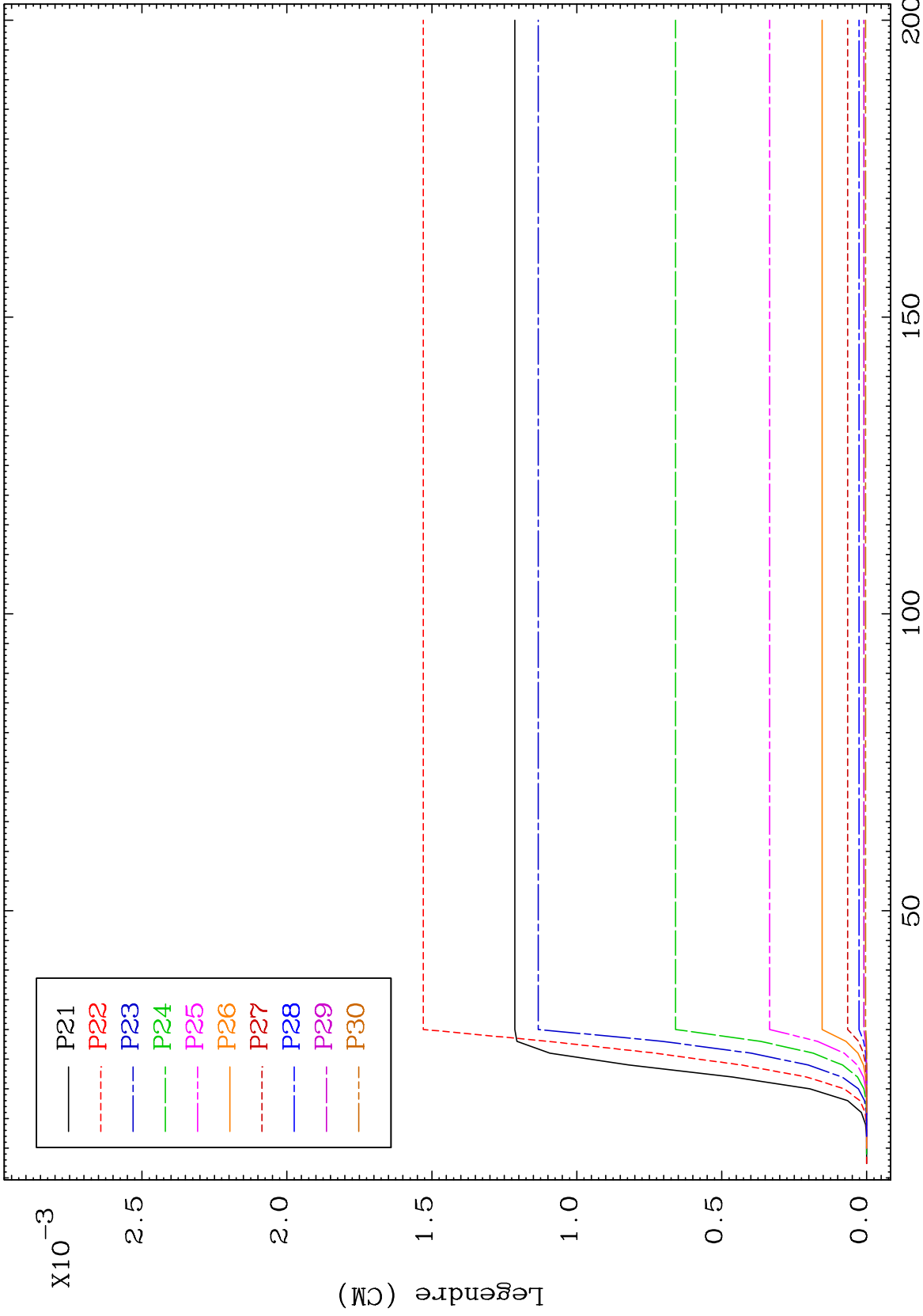
77-Ir-197



41

Incident Energy (MeV)

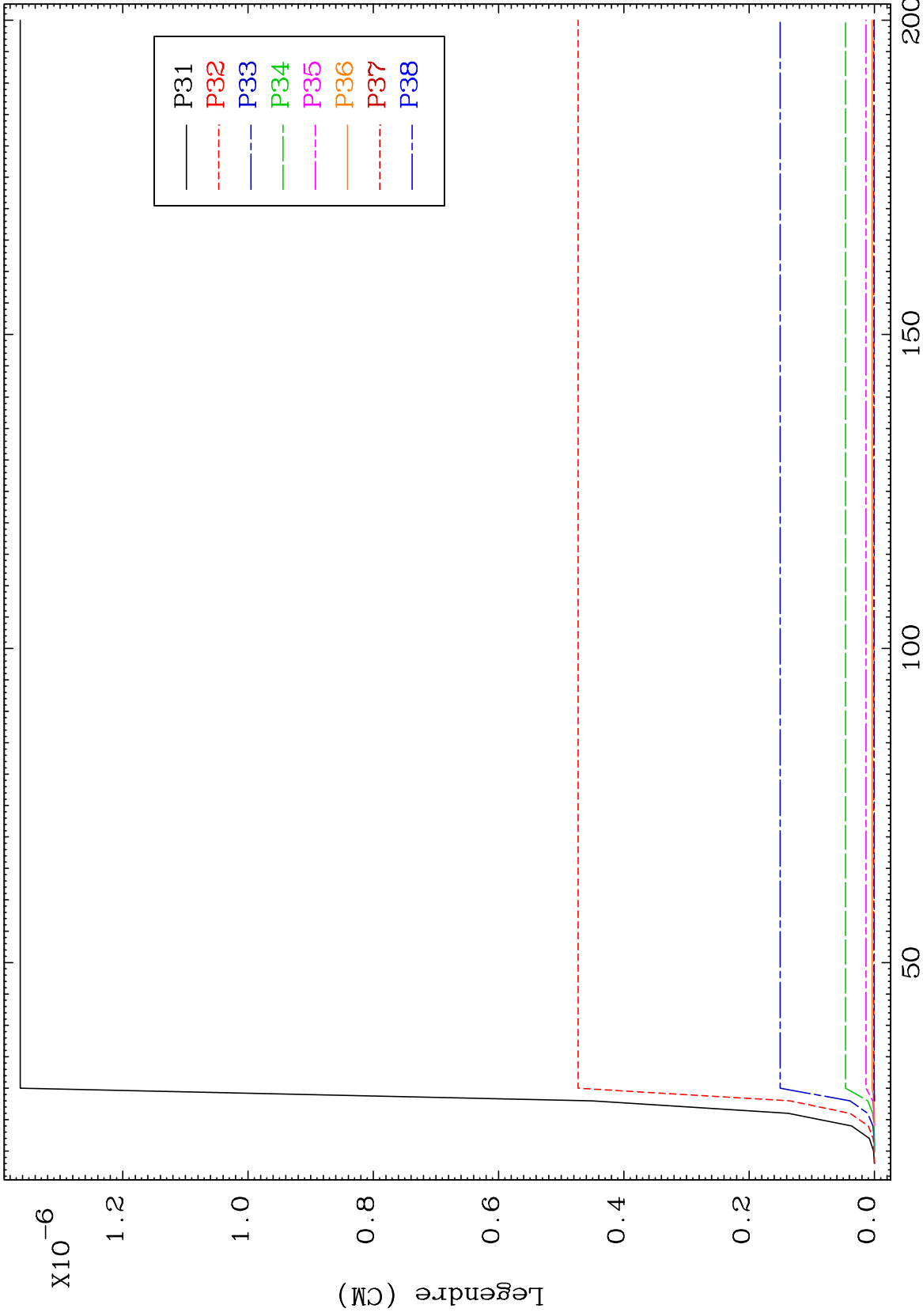
77-Ir-197



MAT 7743

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

77-Ir-197



43

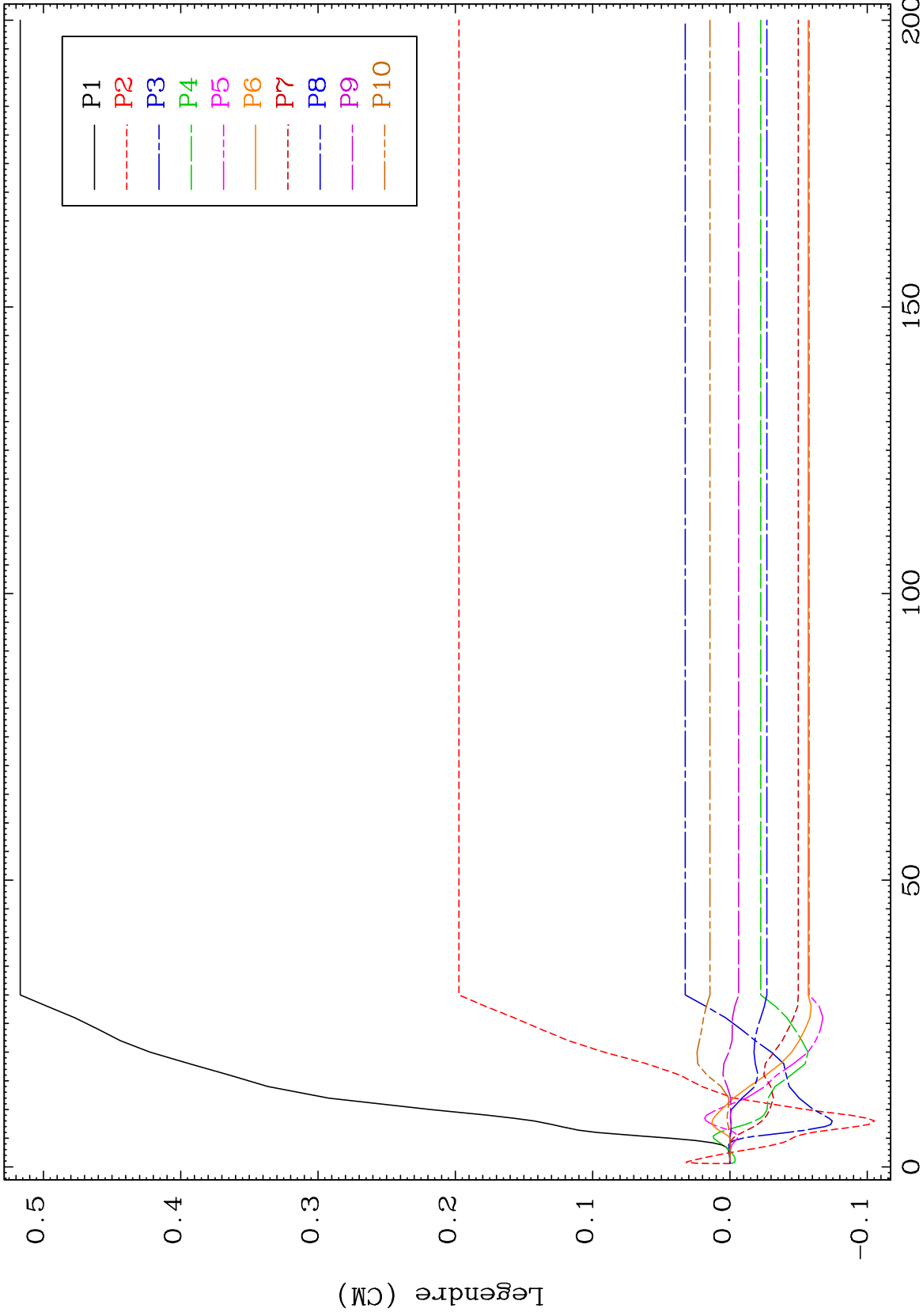
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



44

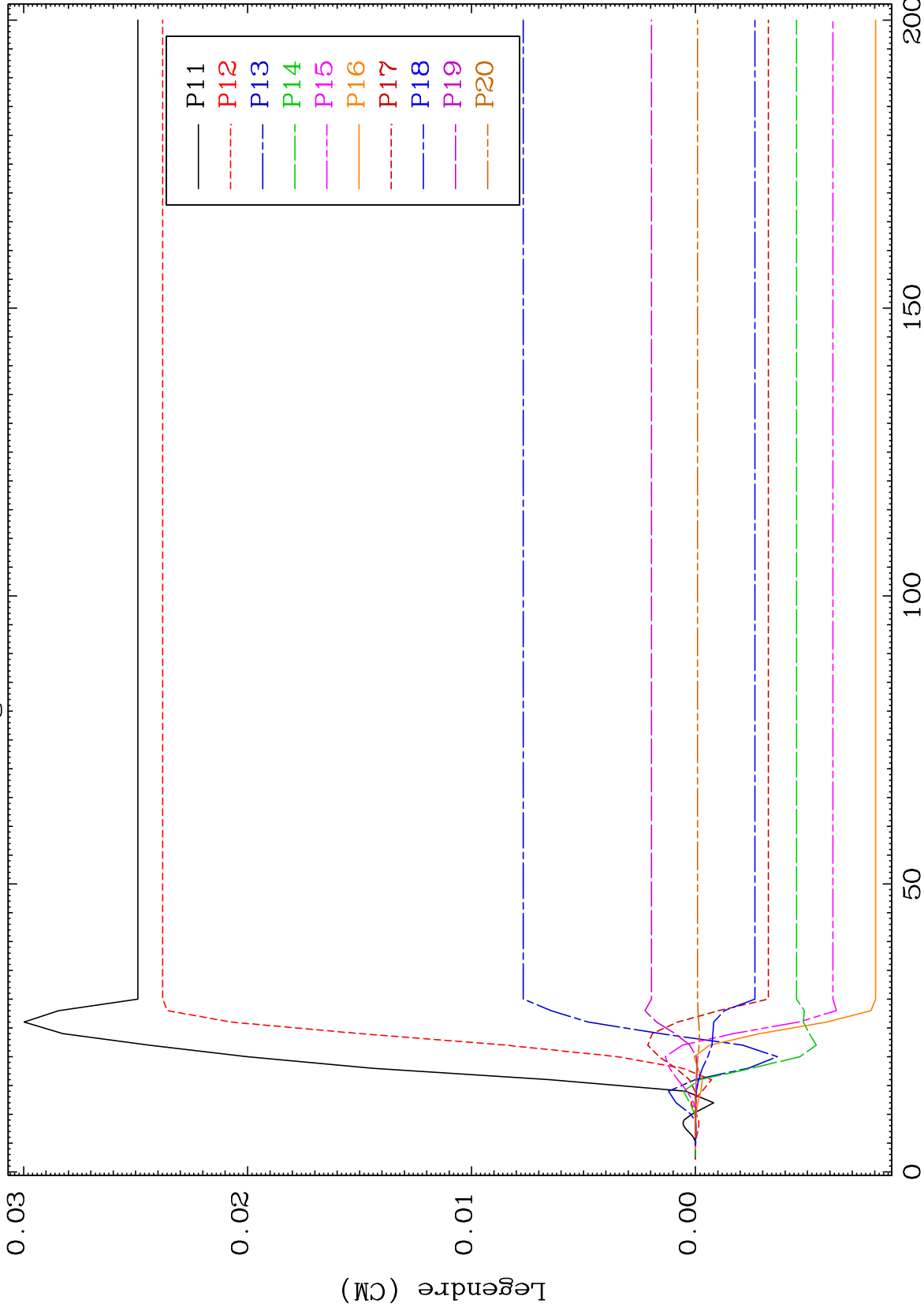
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



45

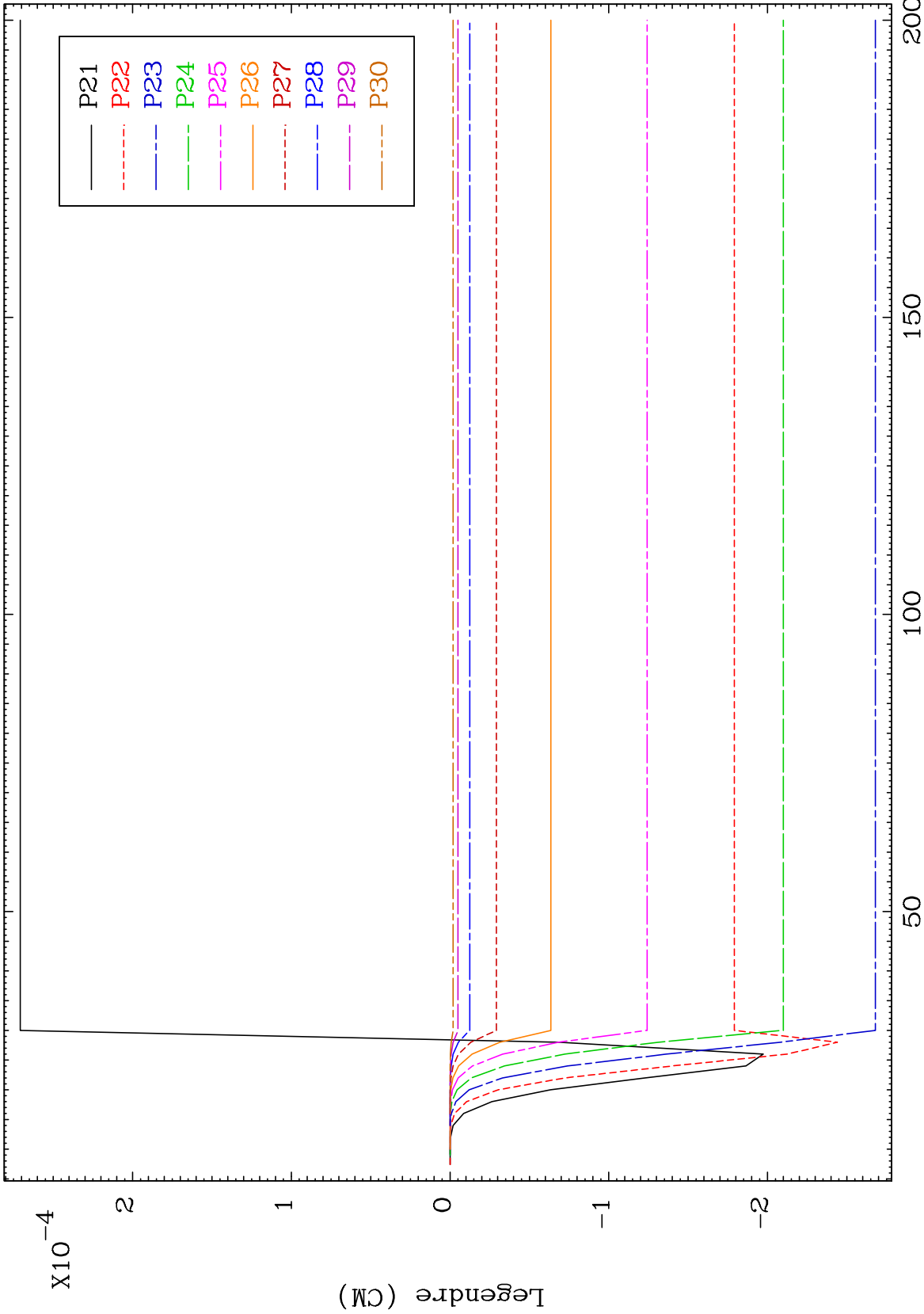
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



46

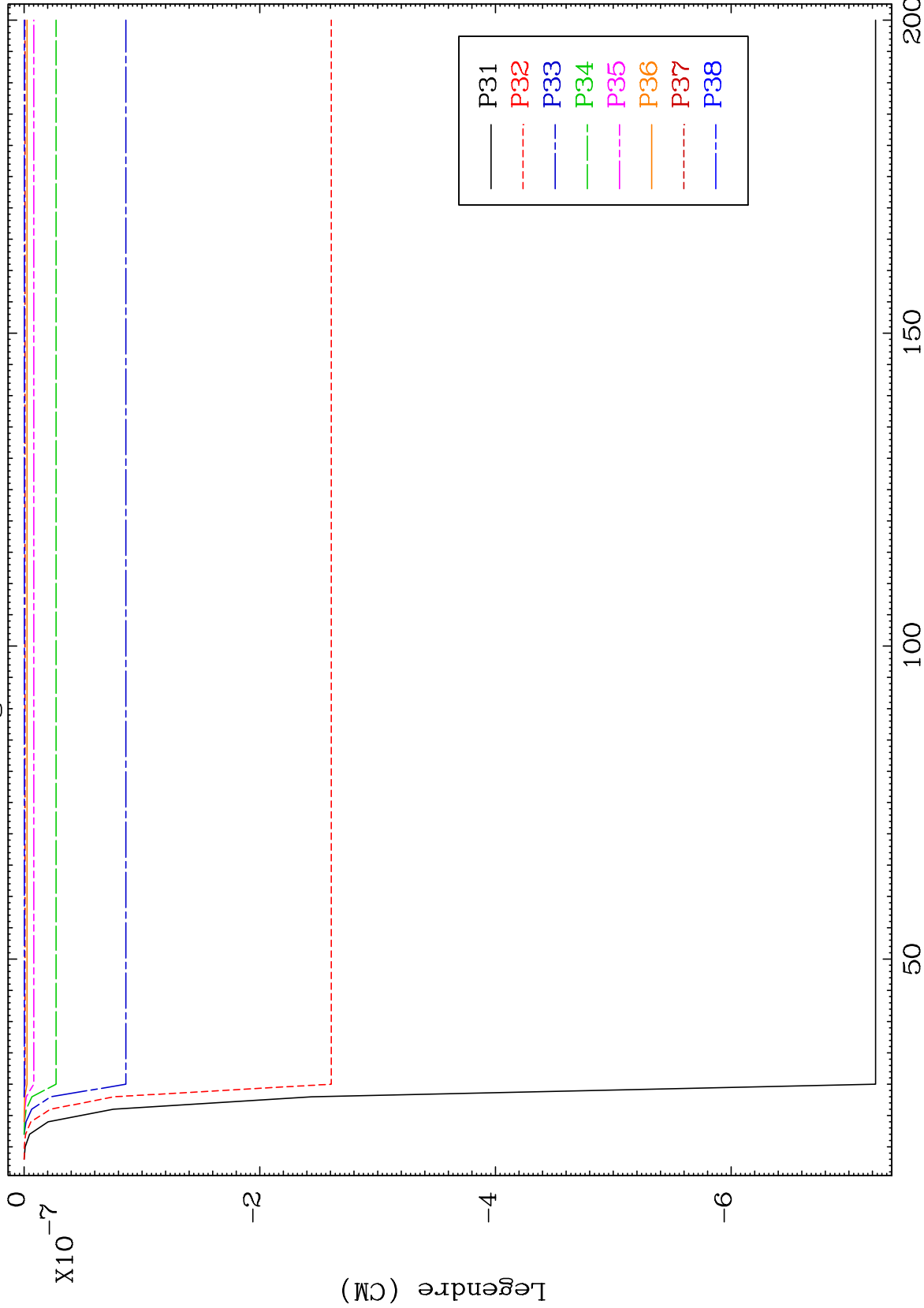
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



47

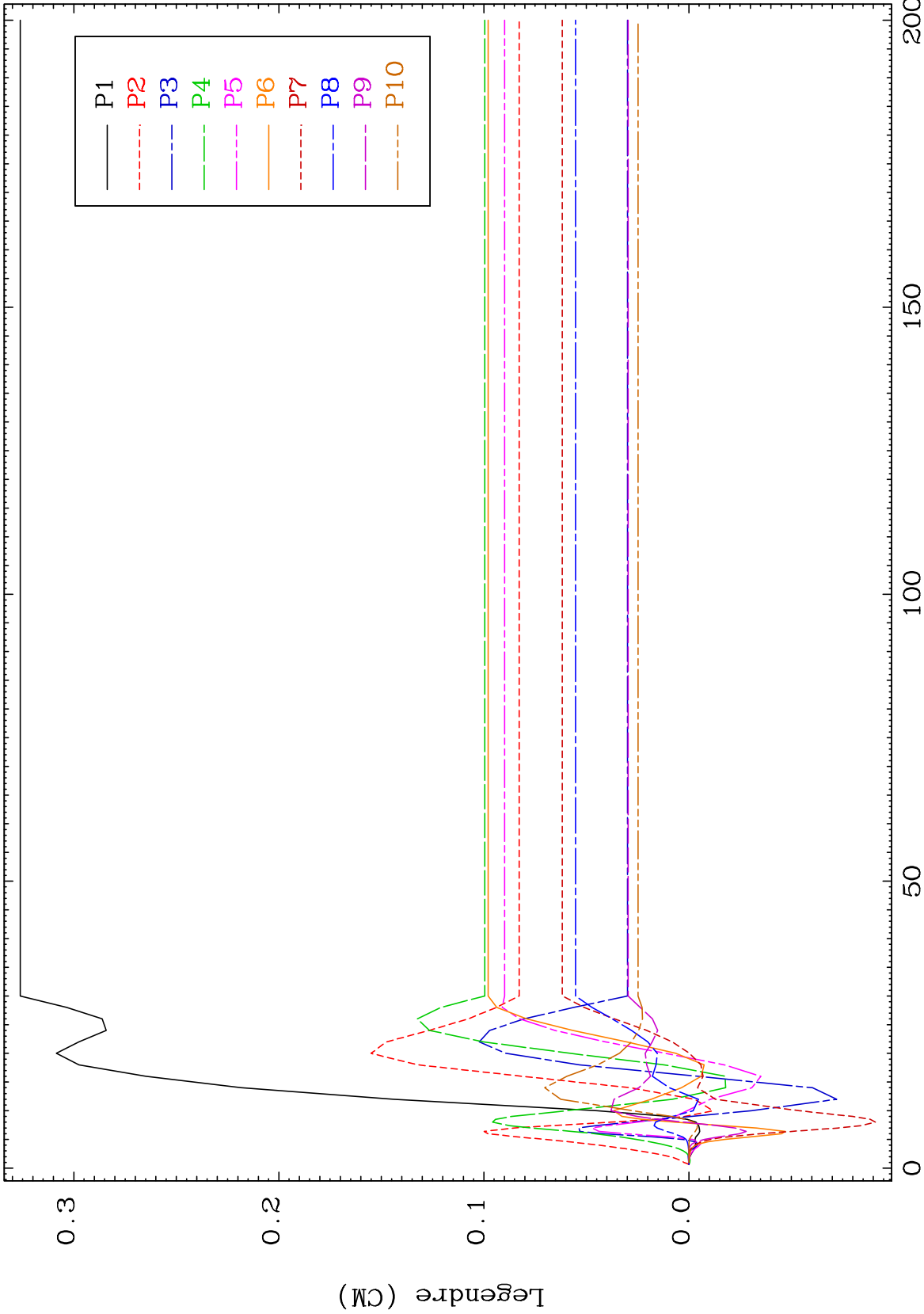
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



48

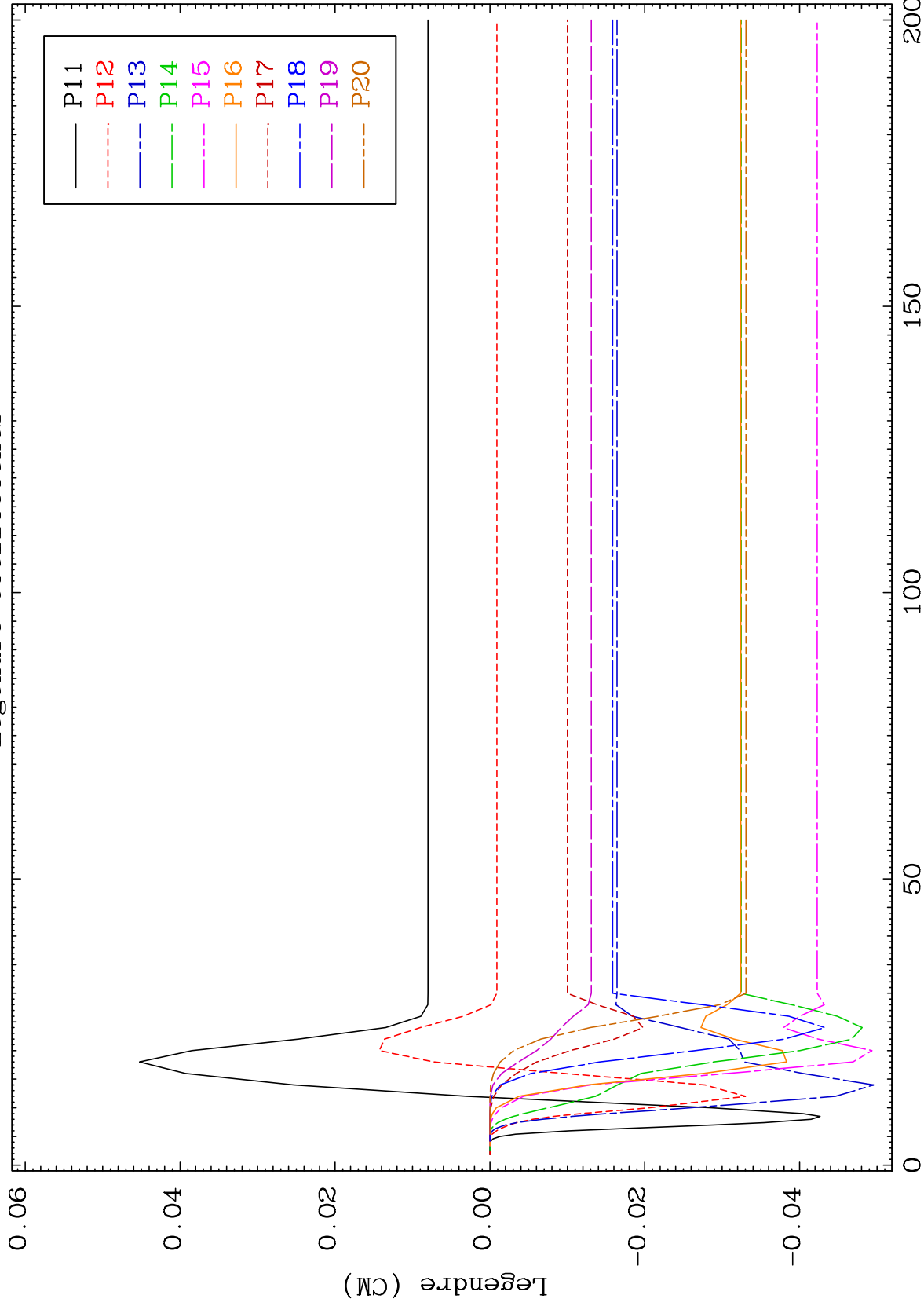
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



49

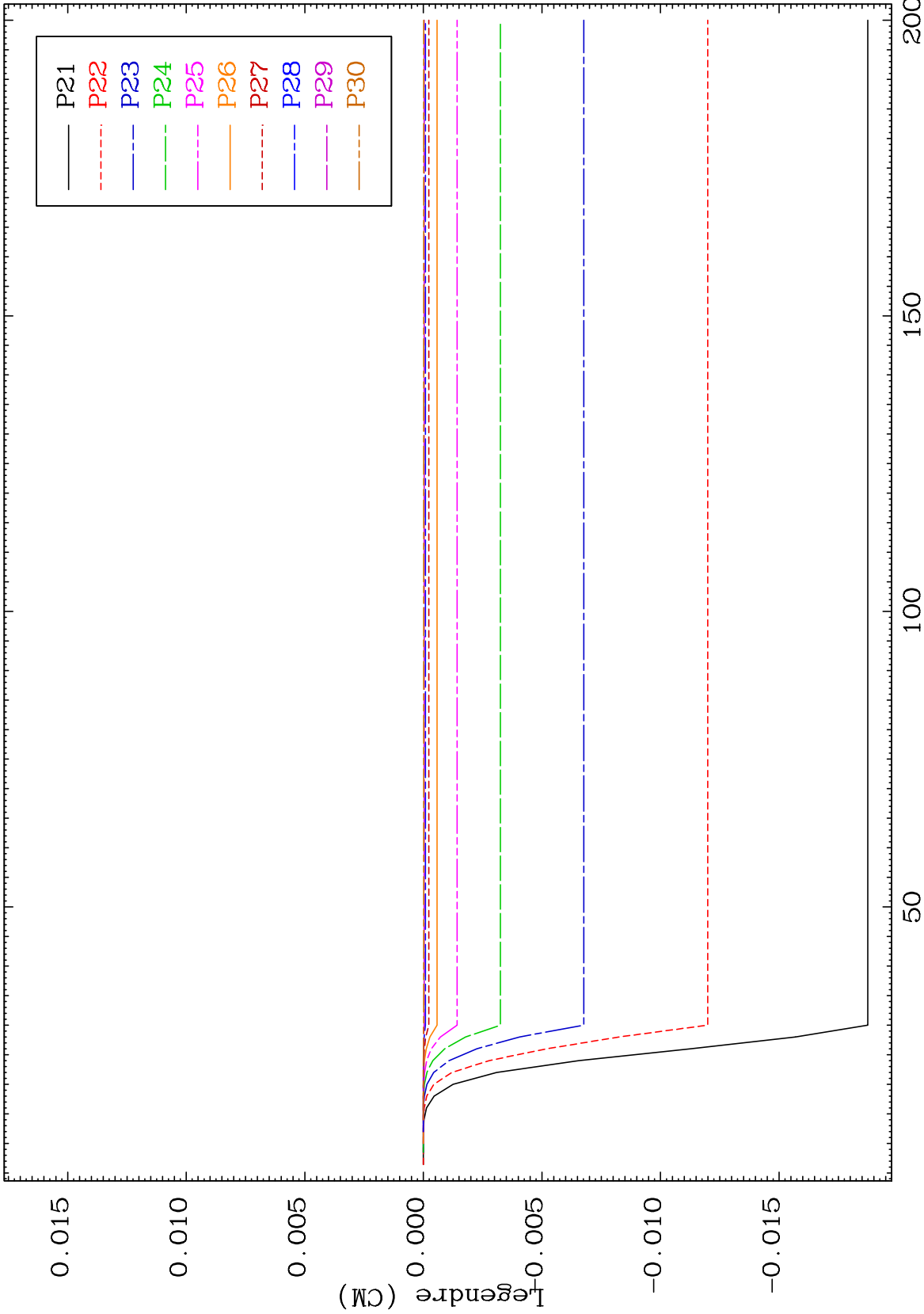
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



50

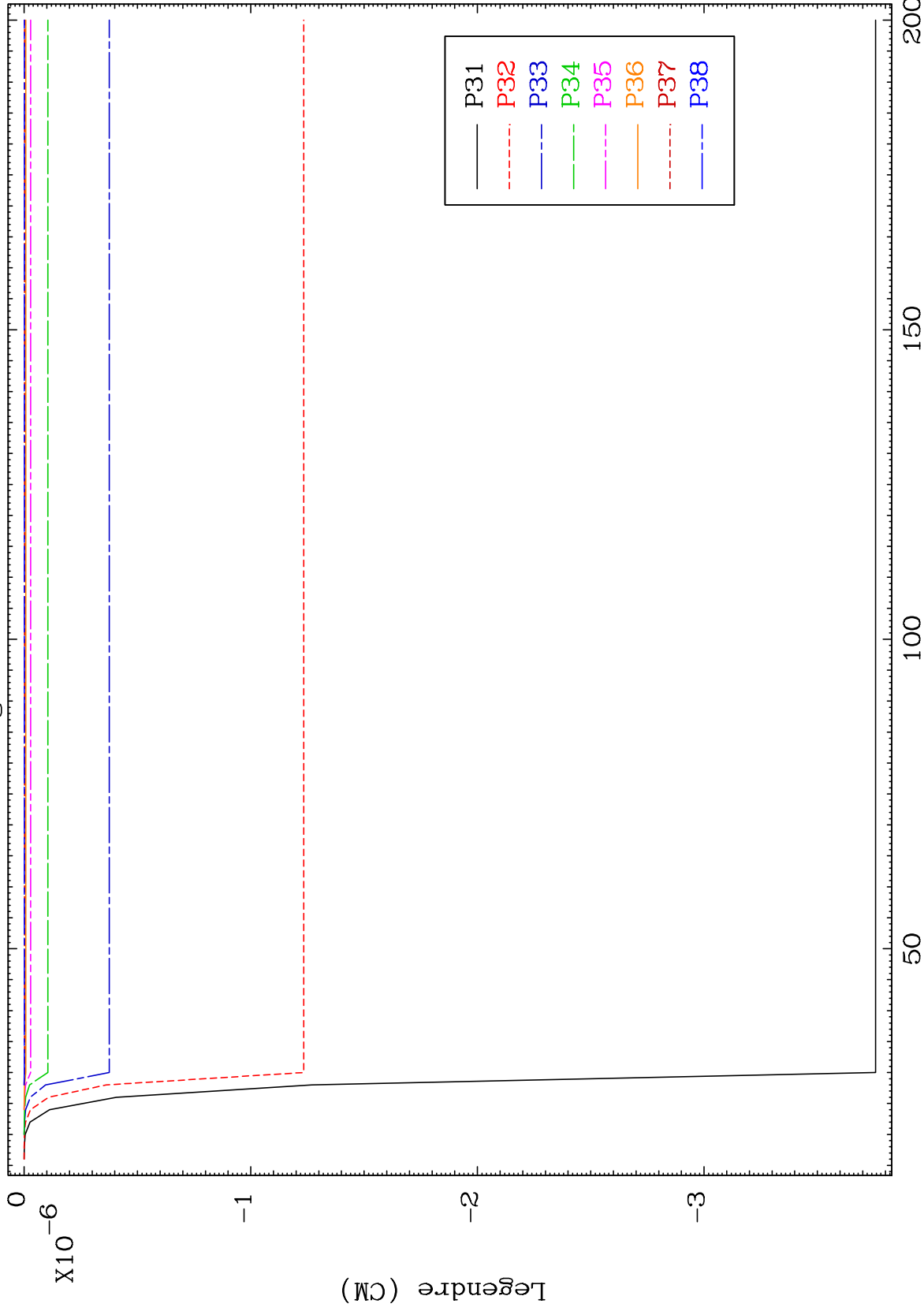
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



51

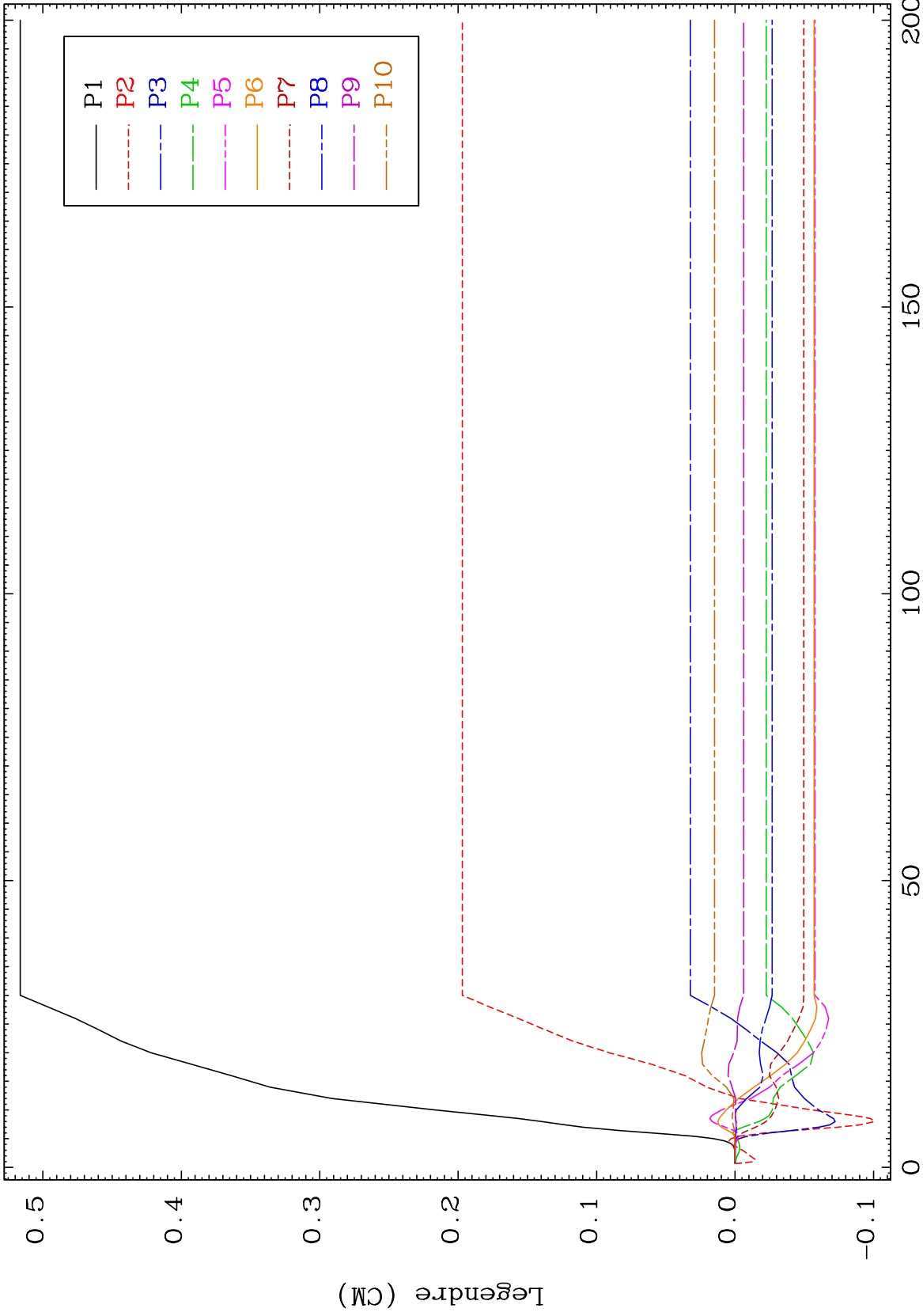
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



52

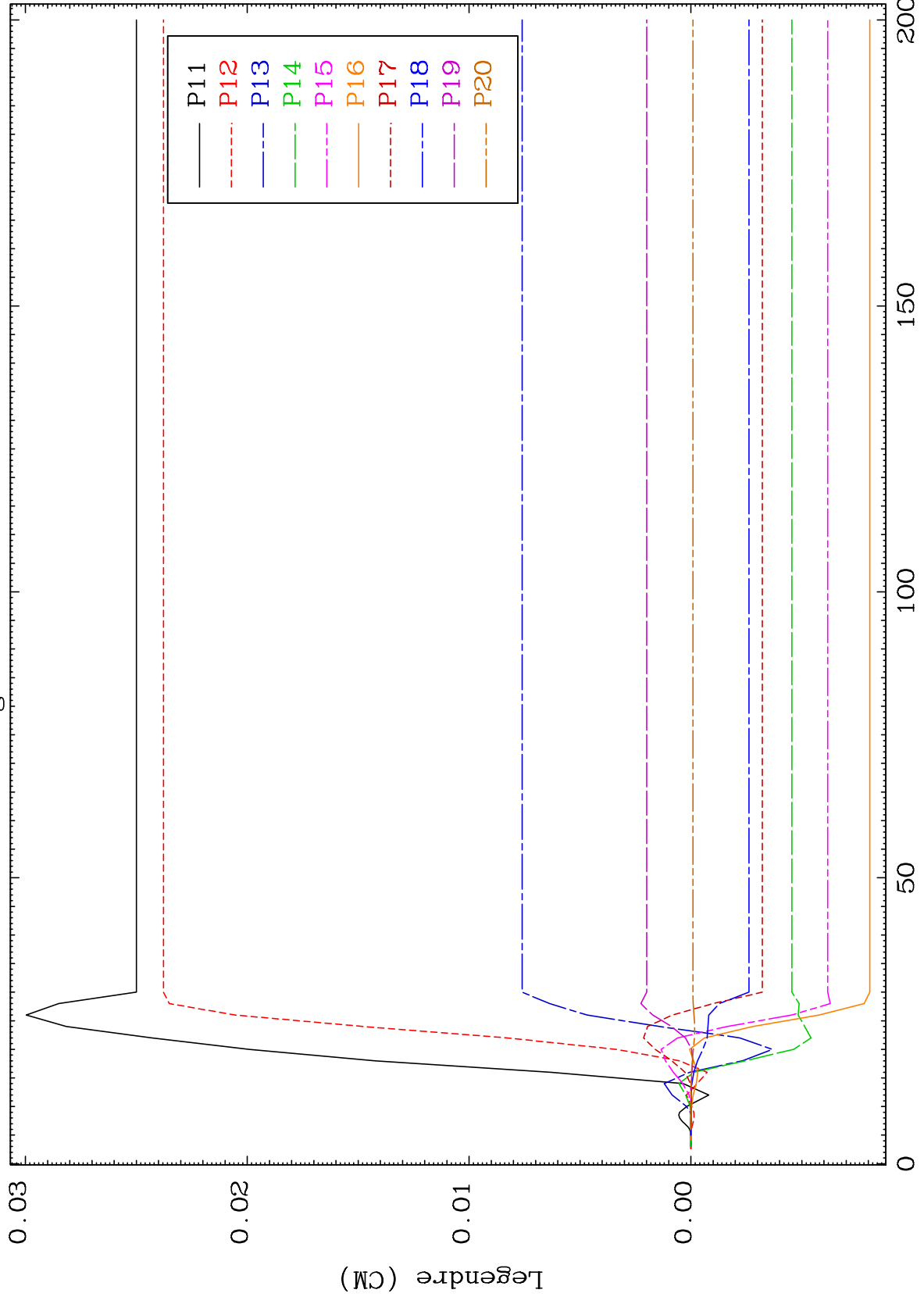
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



53

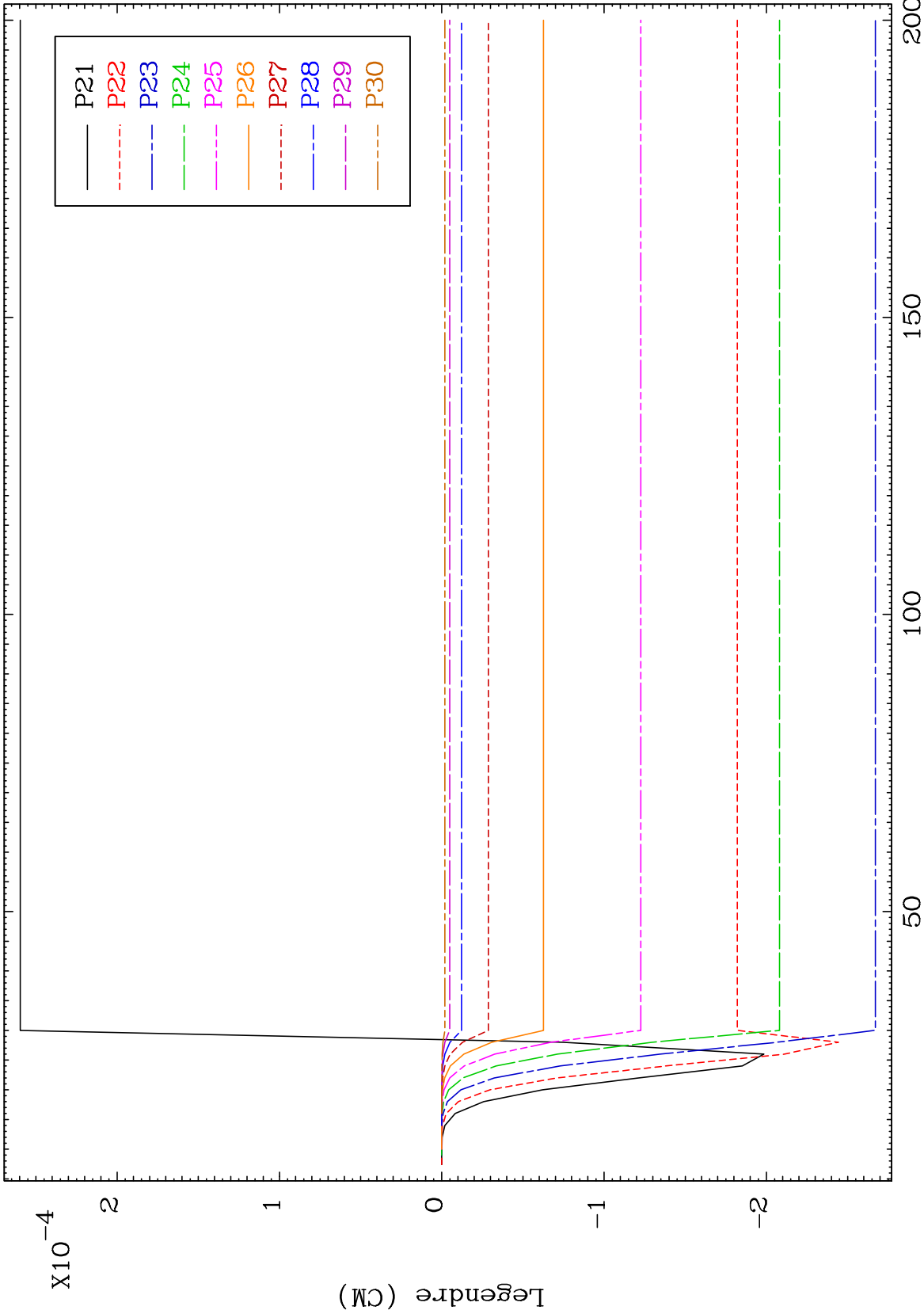
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



54

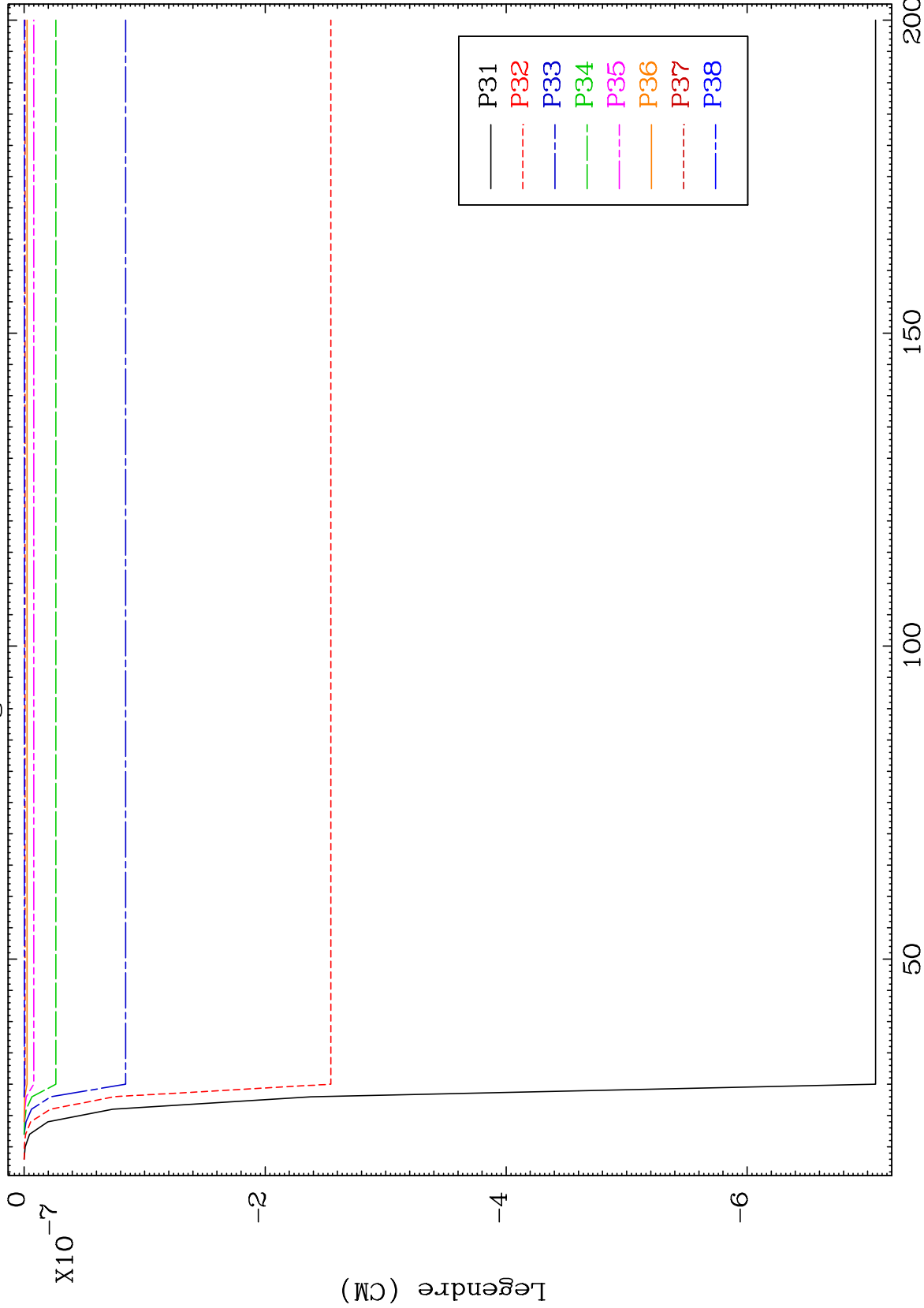
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



55

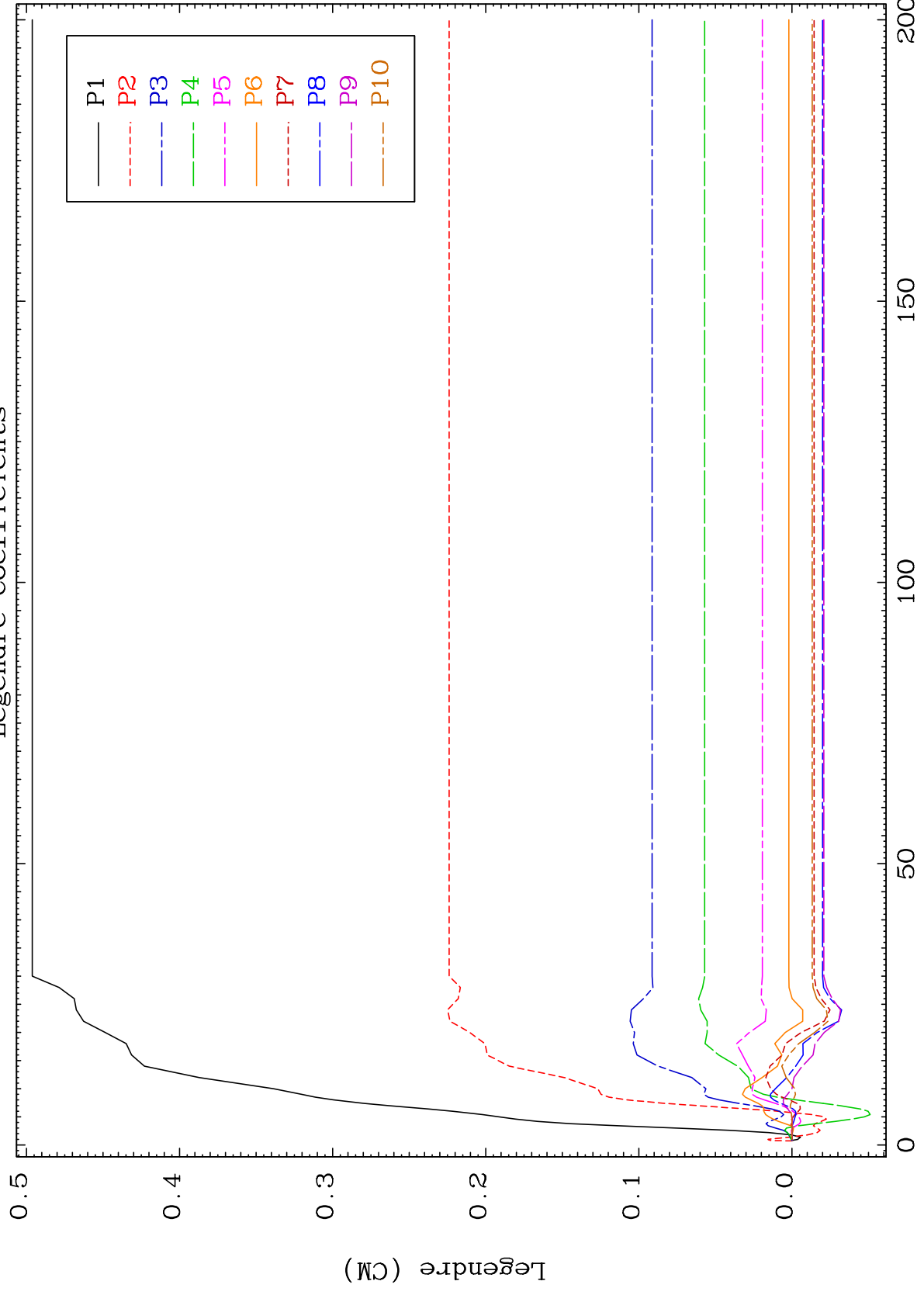
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



56

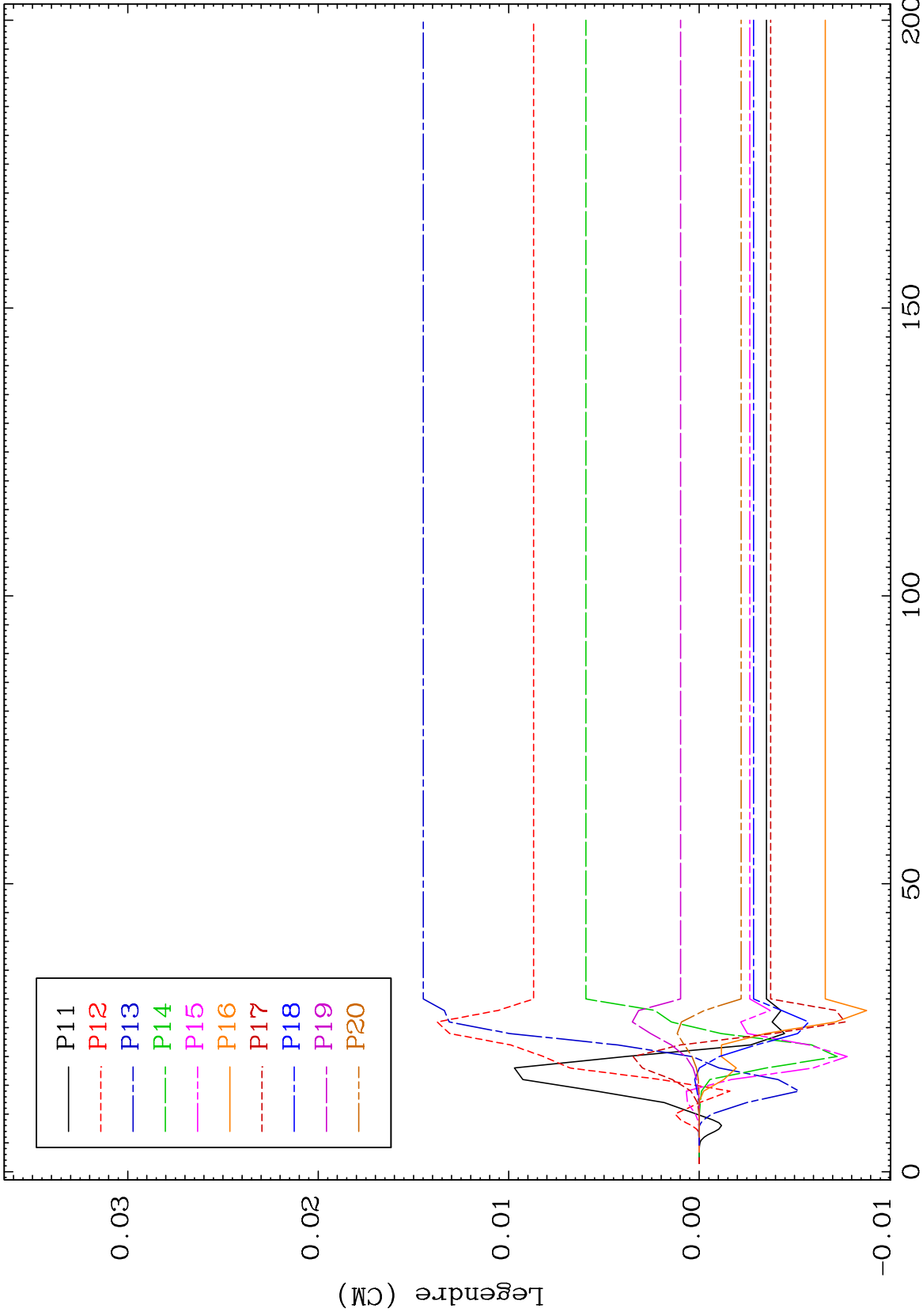
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



57

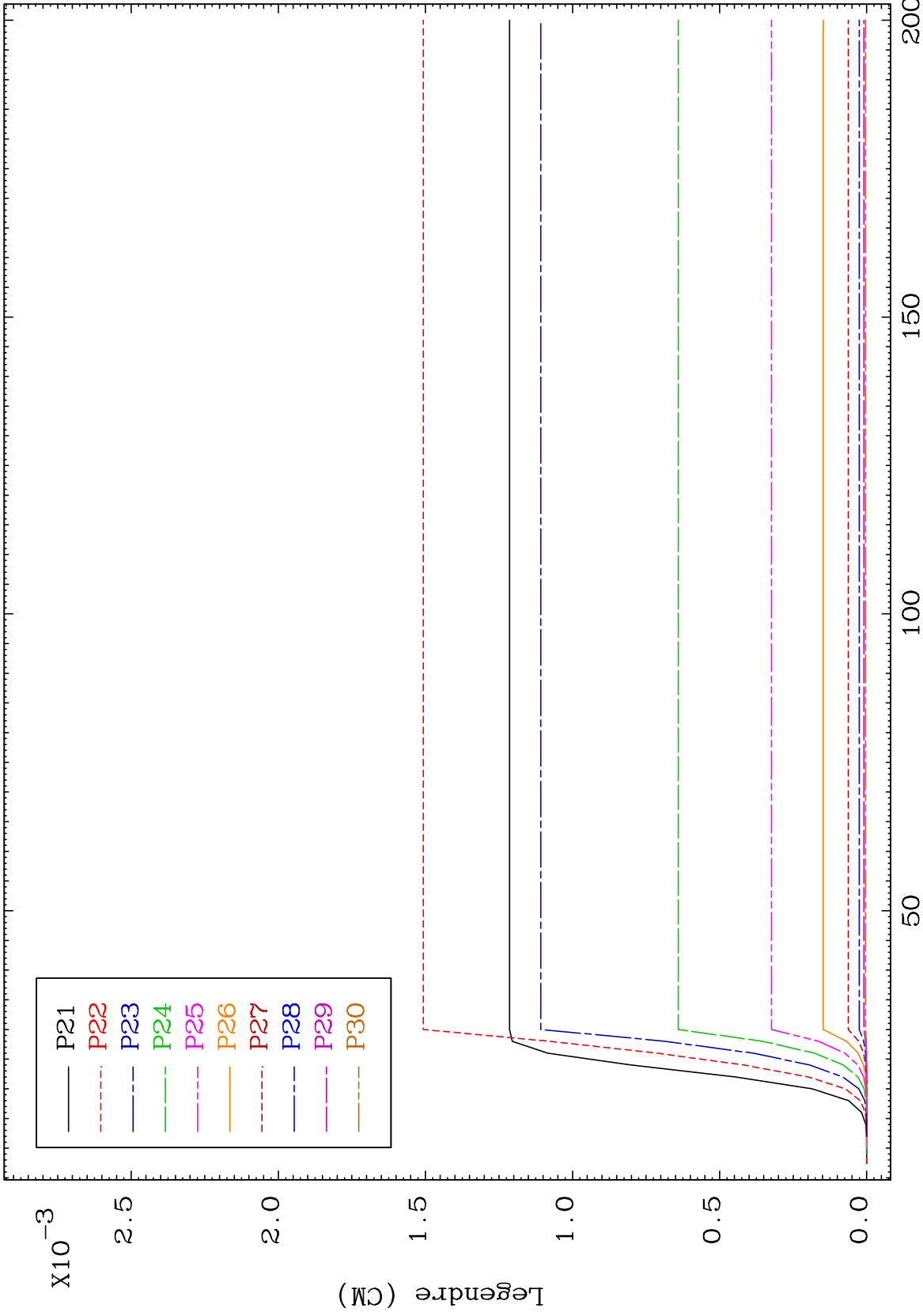
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



58

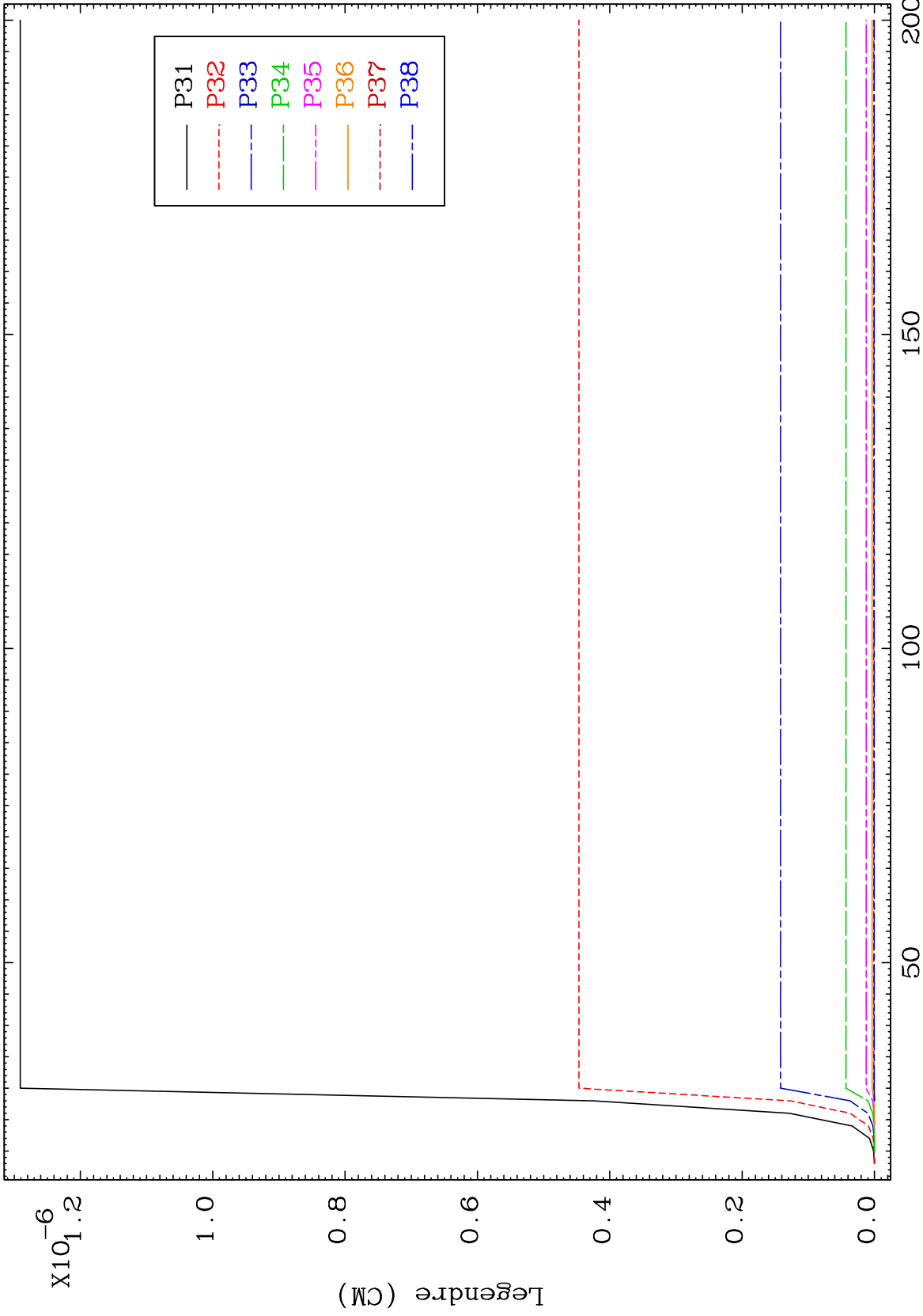
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



59

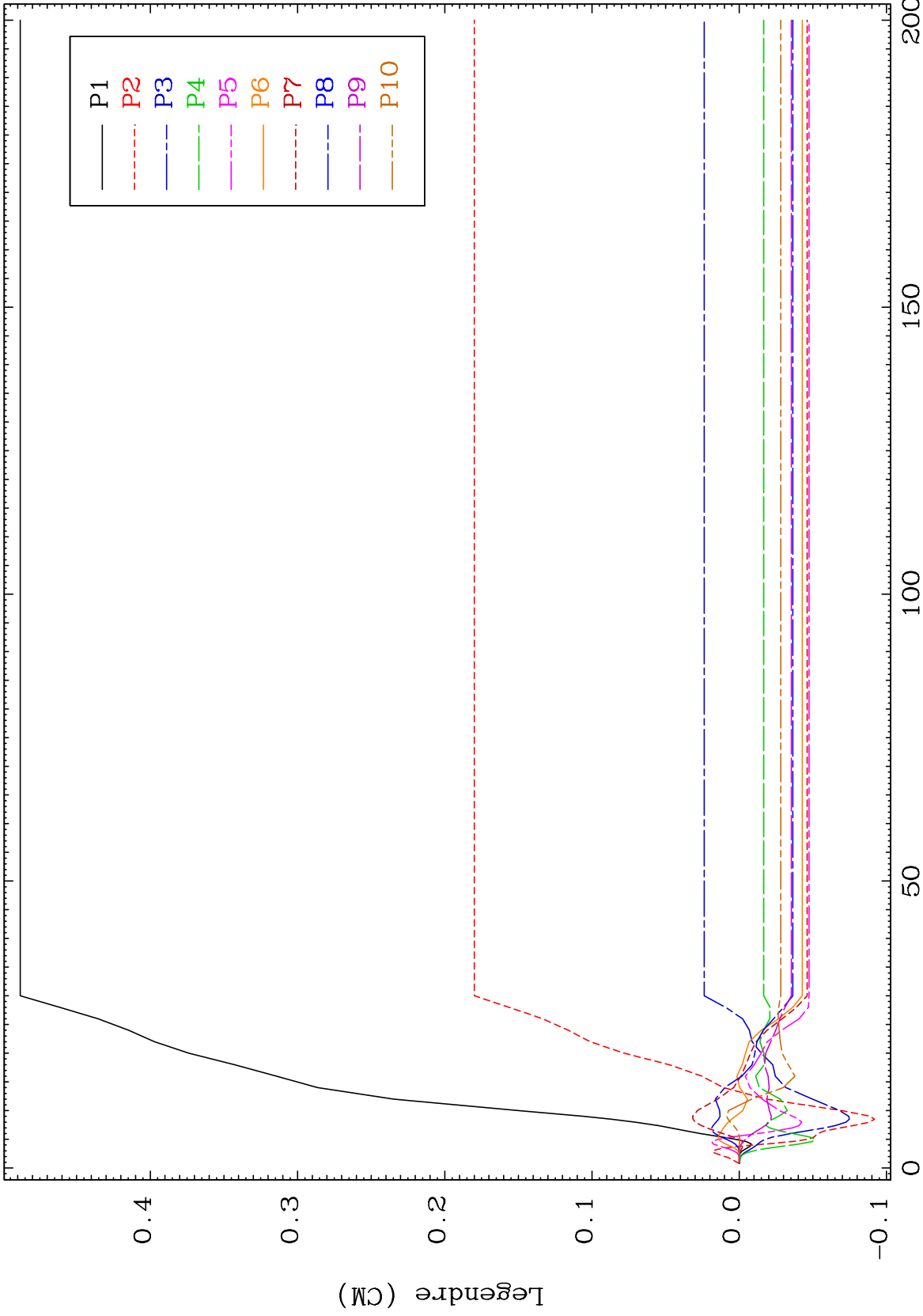
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



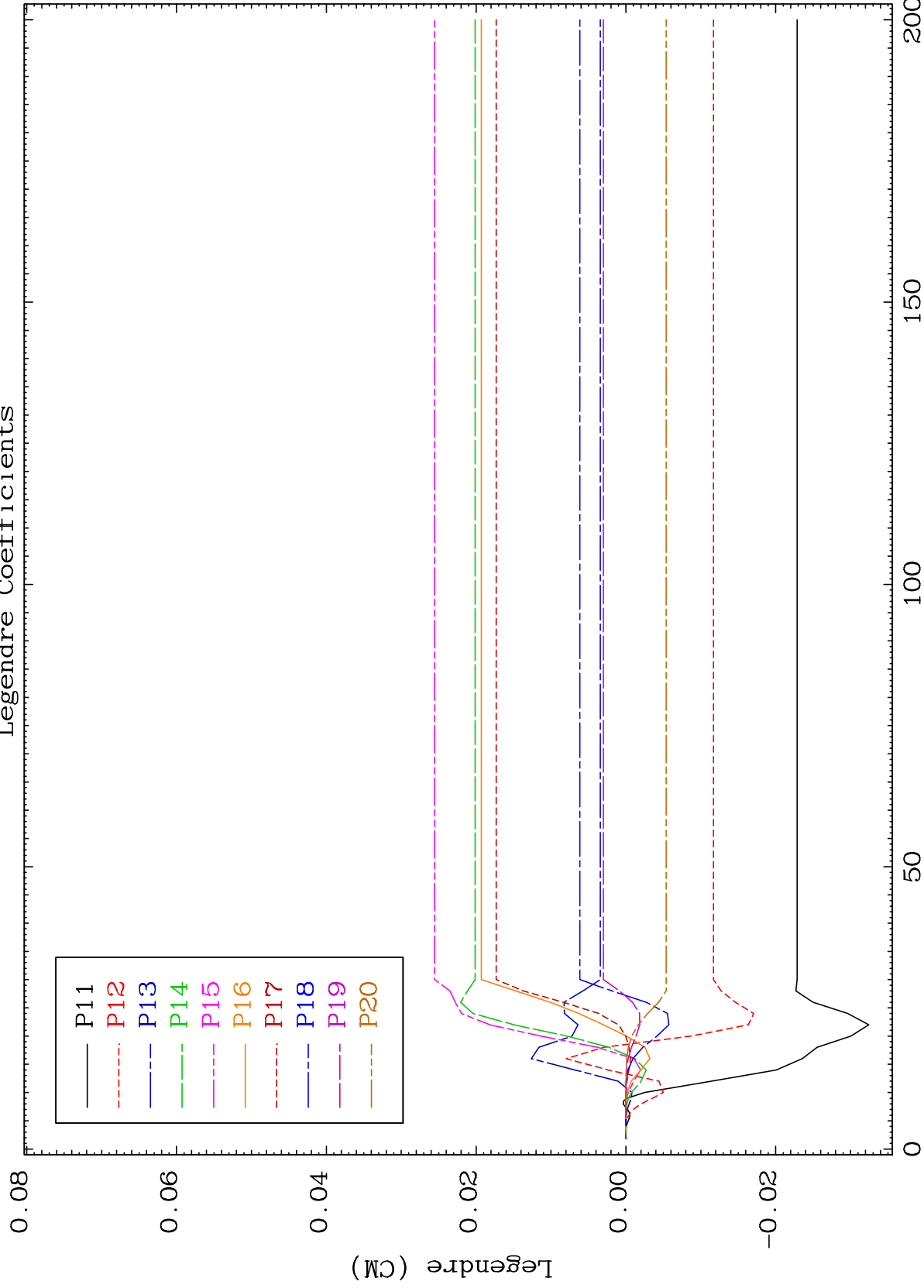
77-Ir-197

Incident Energy (MeV)

MAT 7743

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

77-Ir-197



61

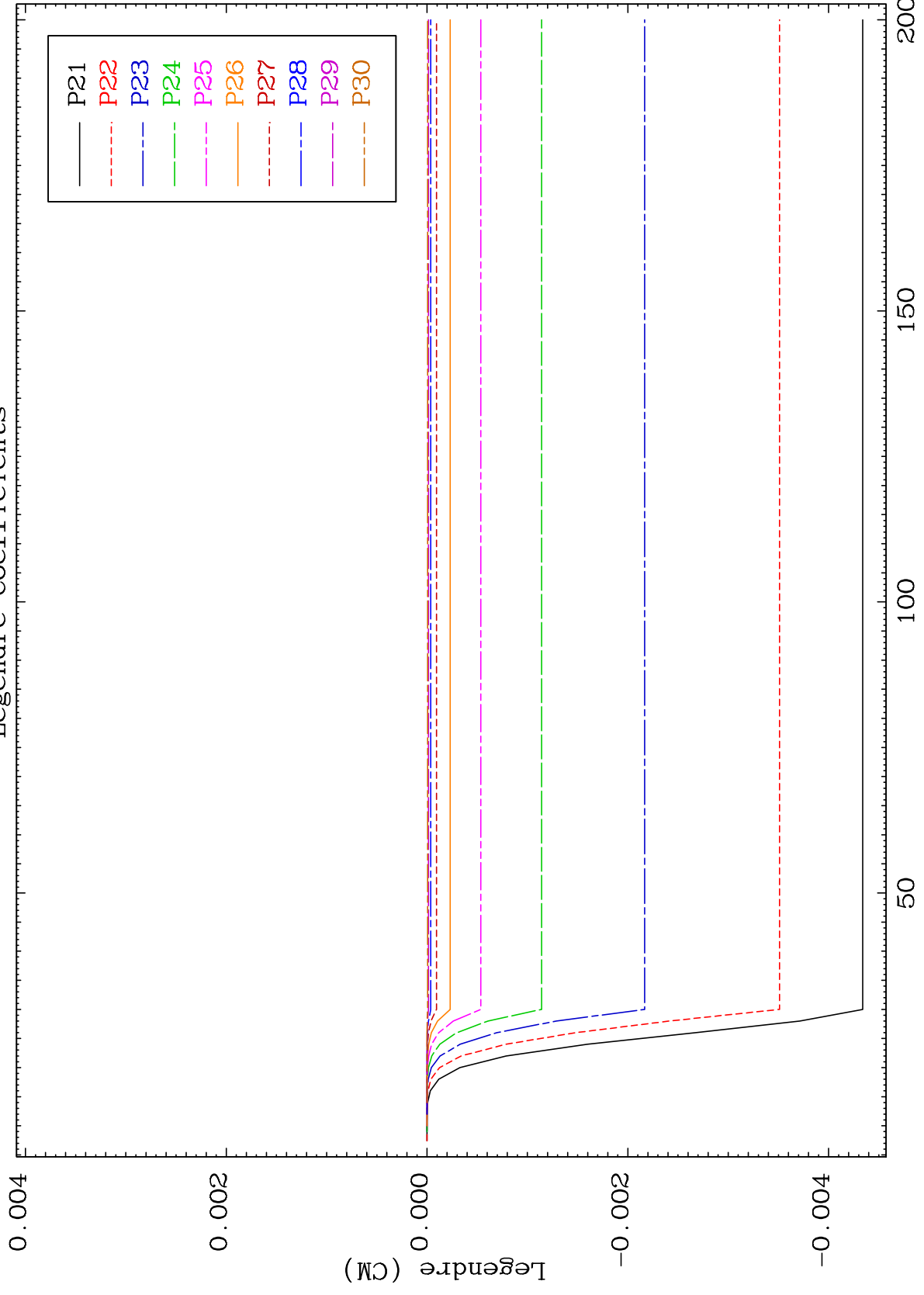
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



62

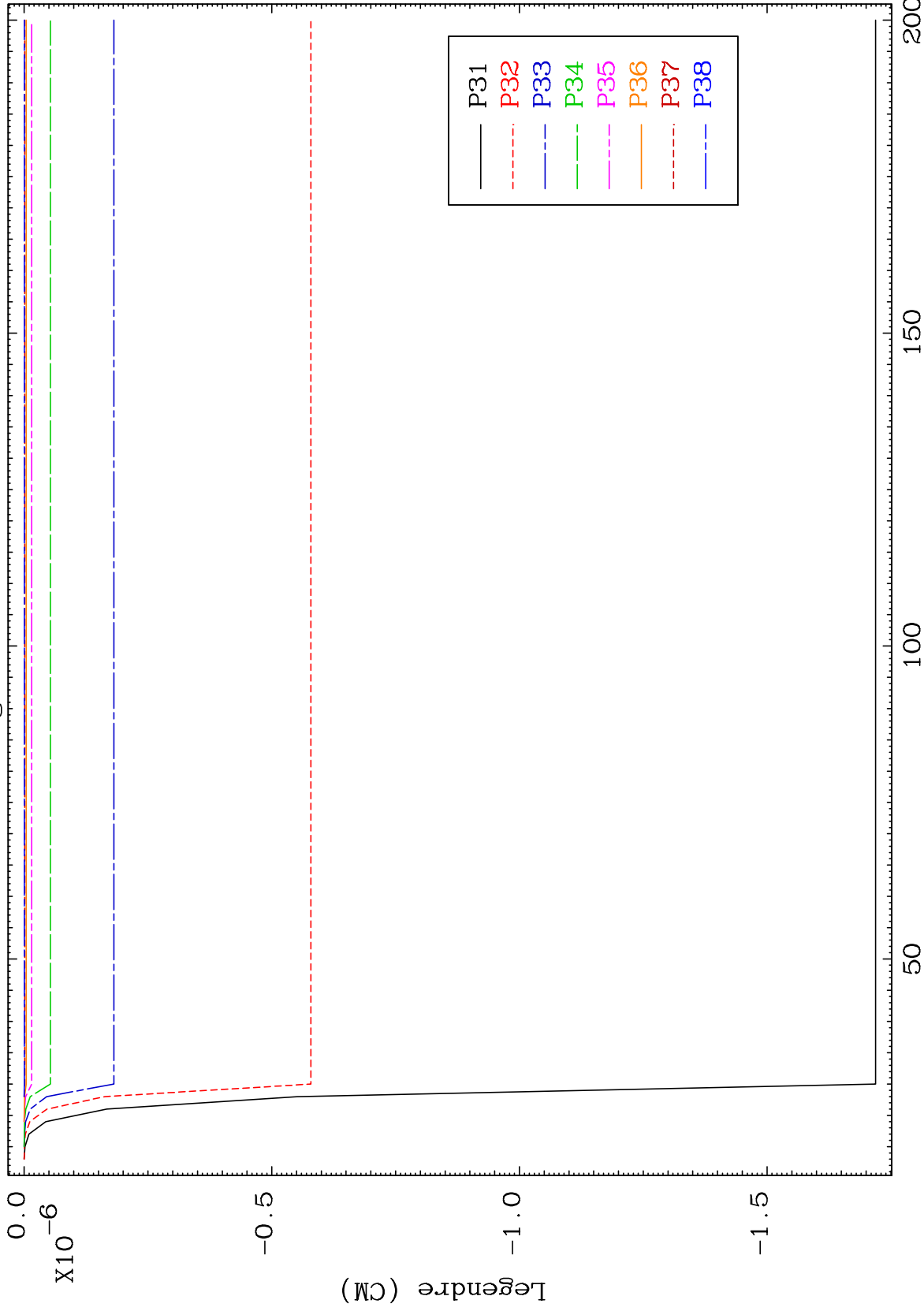
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



63

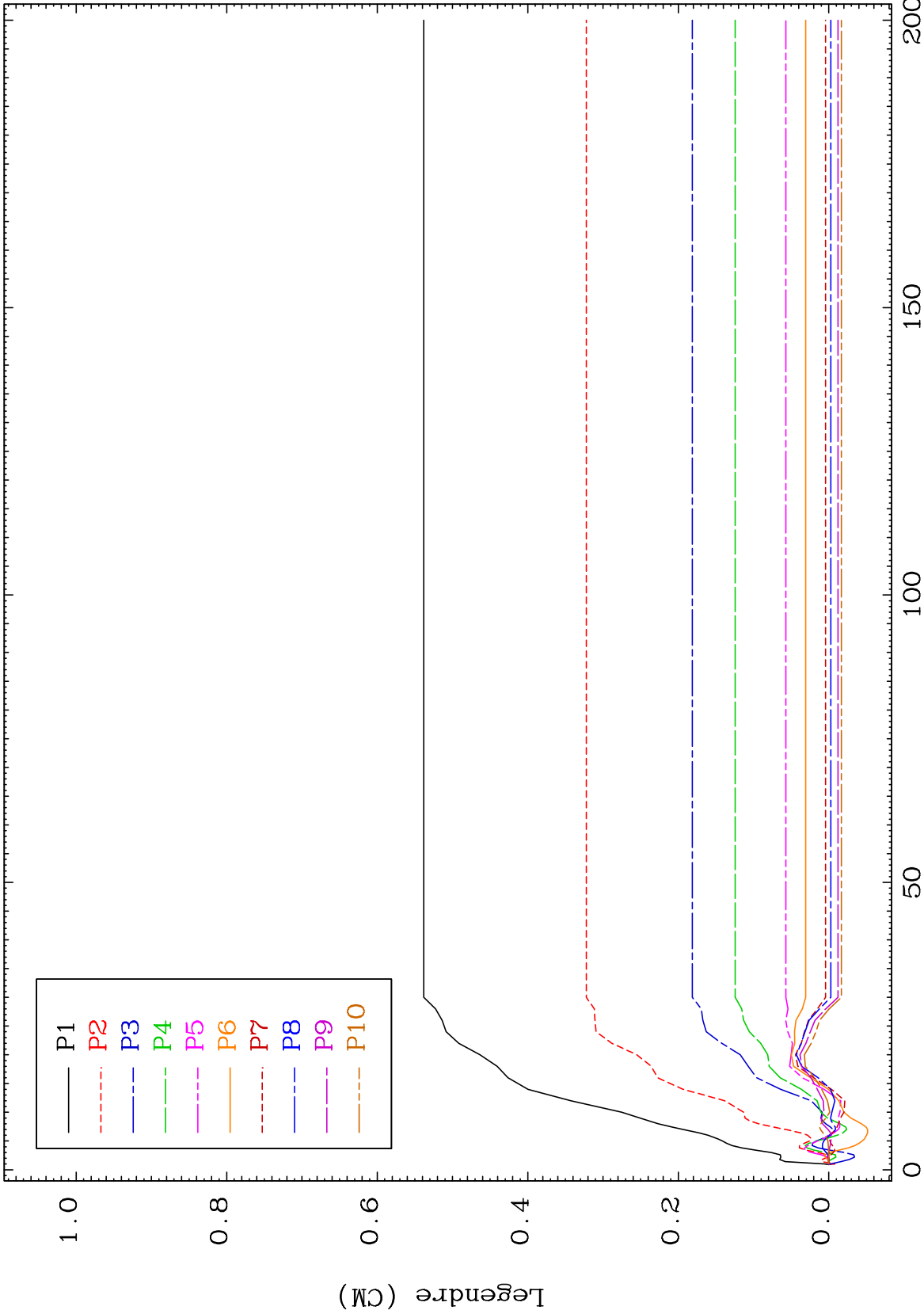
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



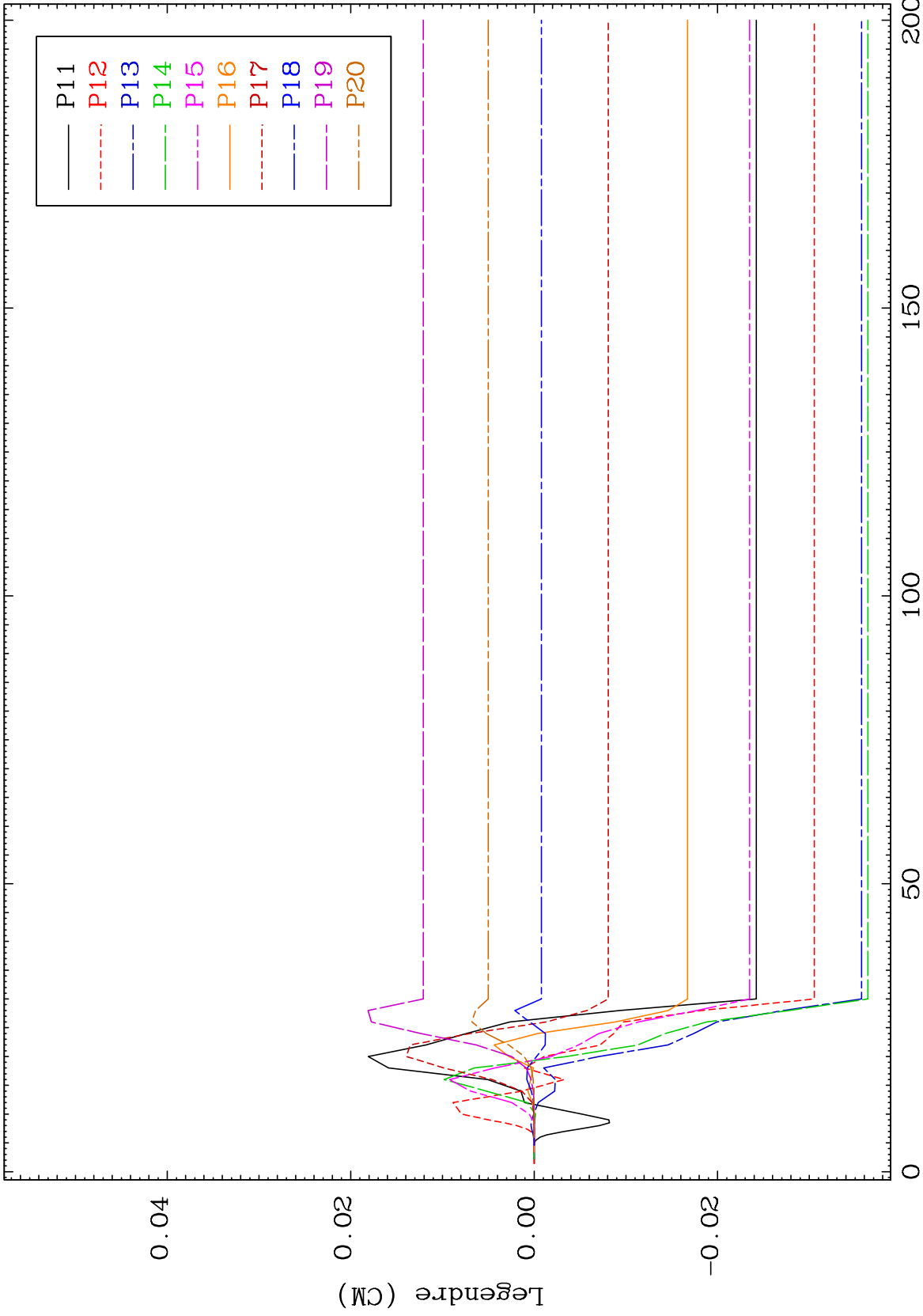
64

77-Ir-197

MAT 7743

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

77-Ir-197



65

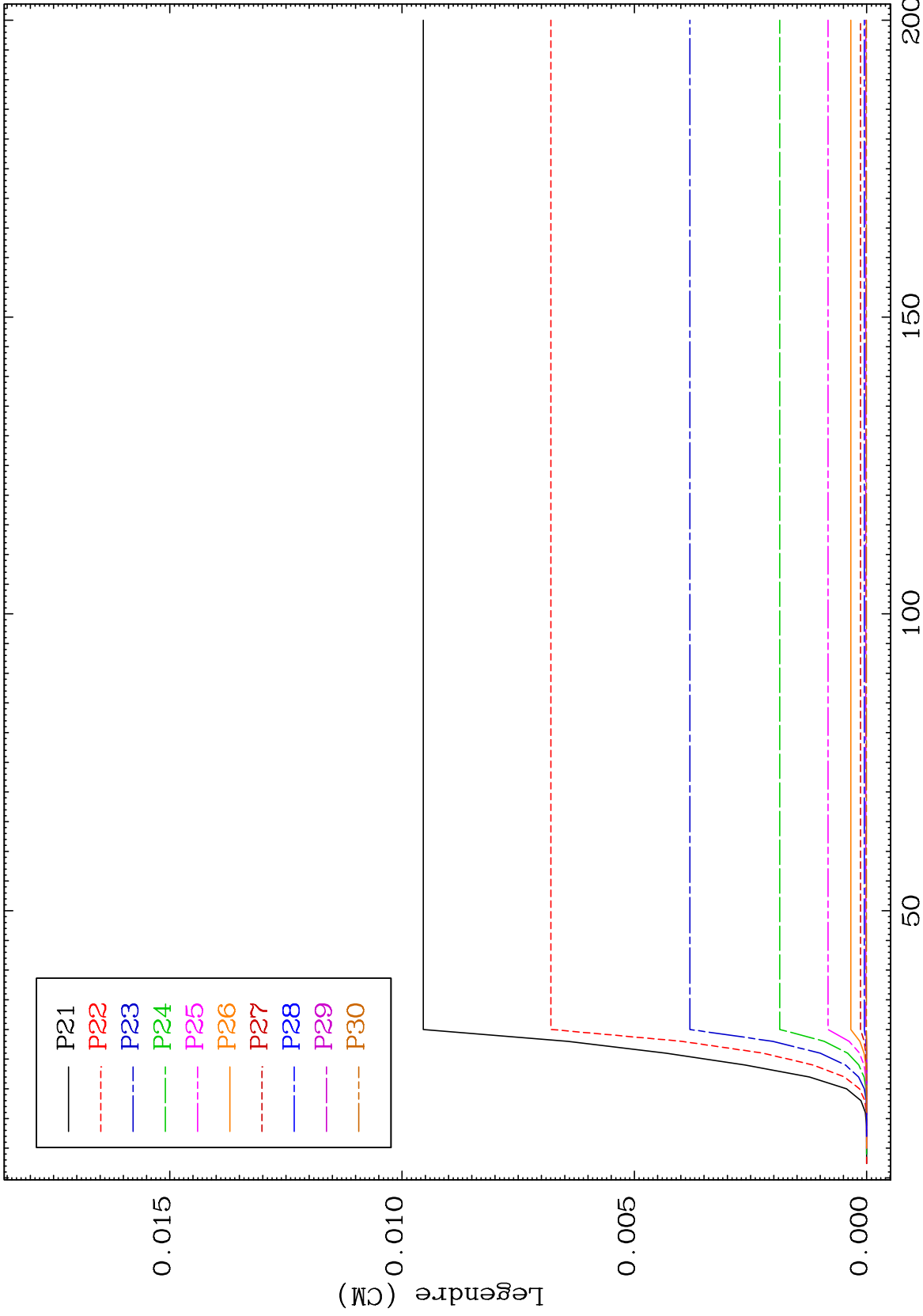
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



66

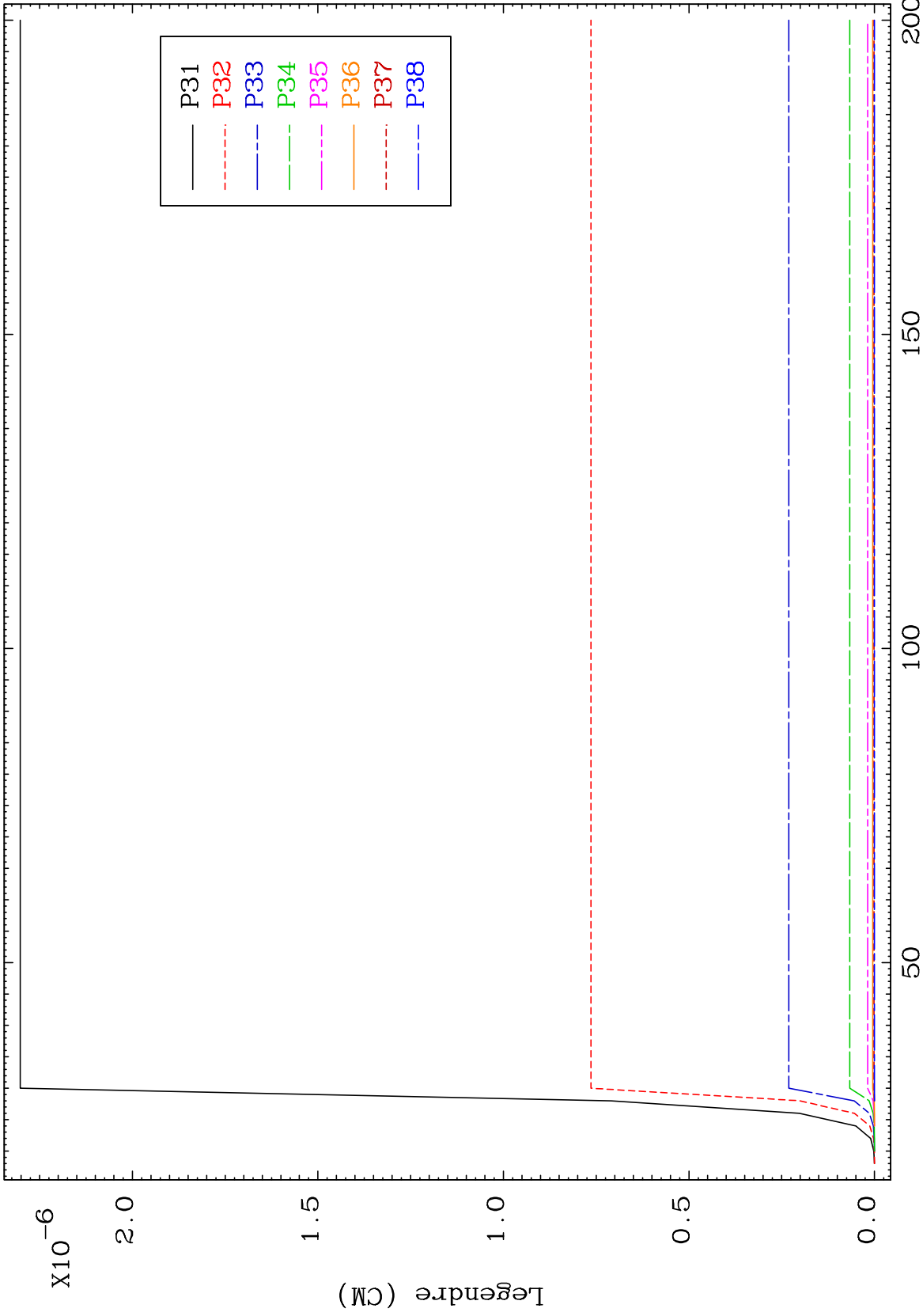
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



67

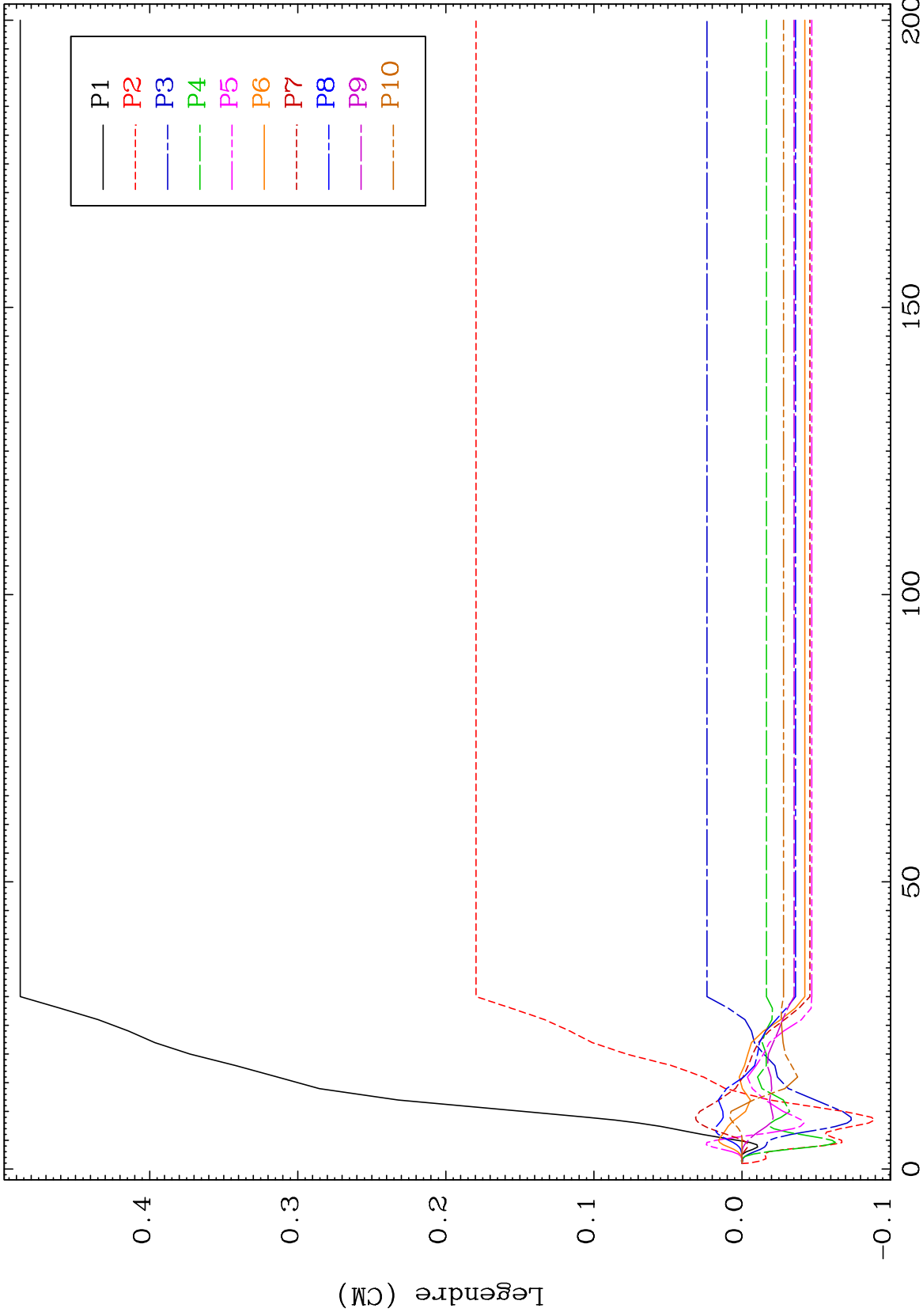
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



68

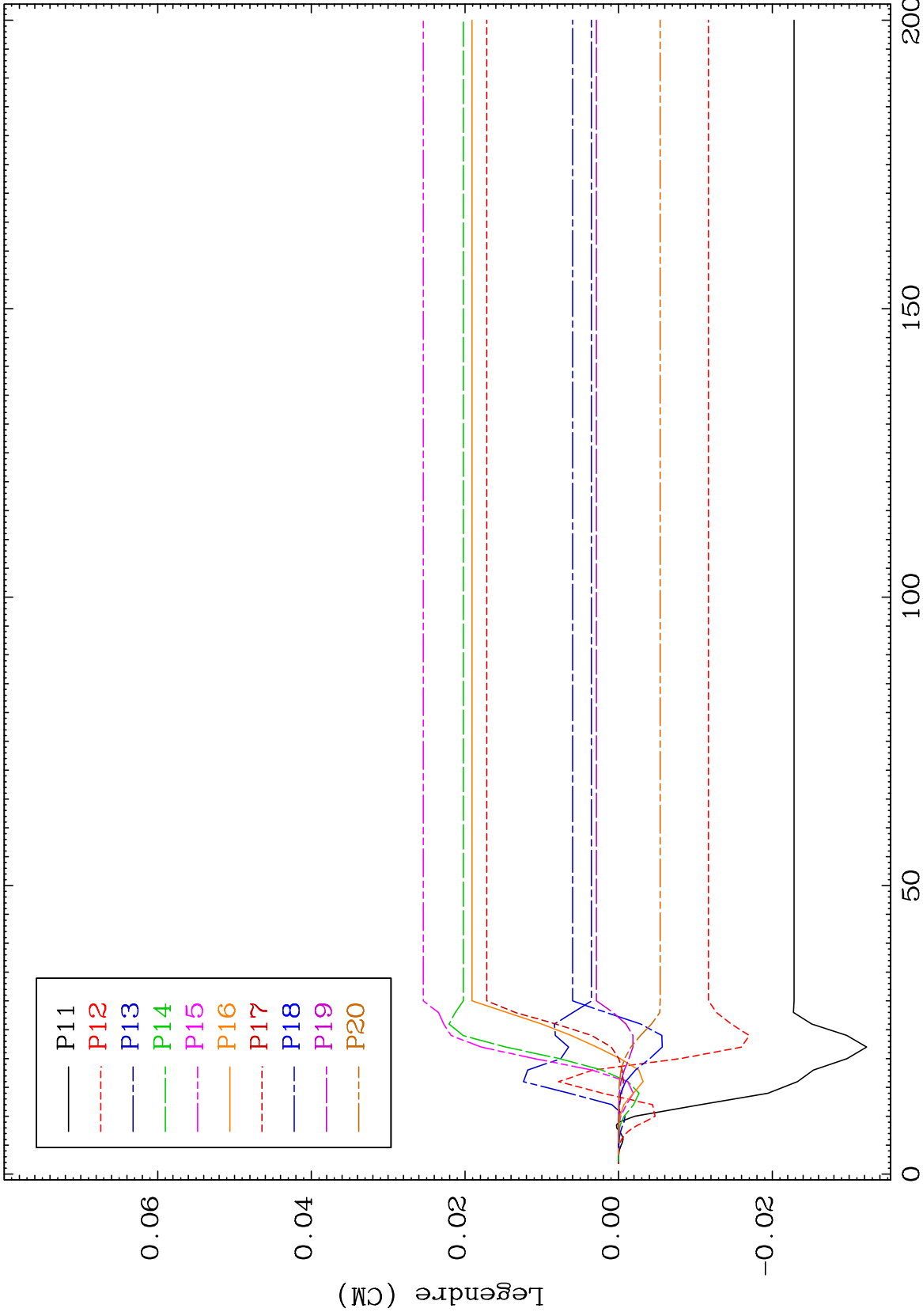
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



69

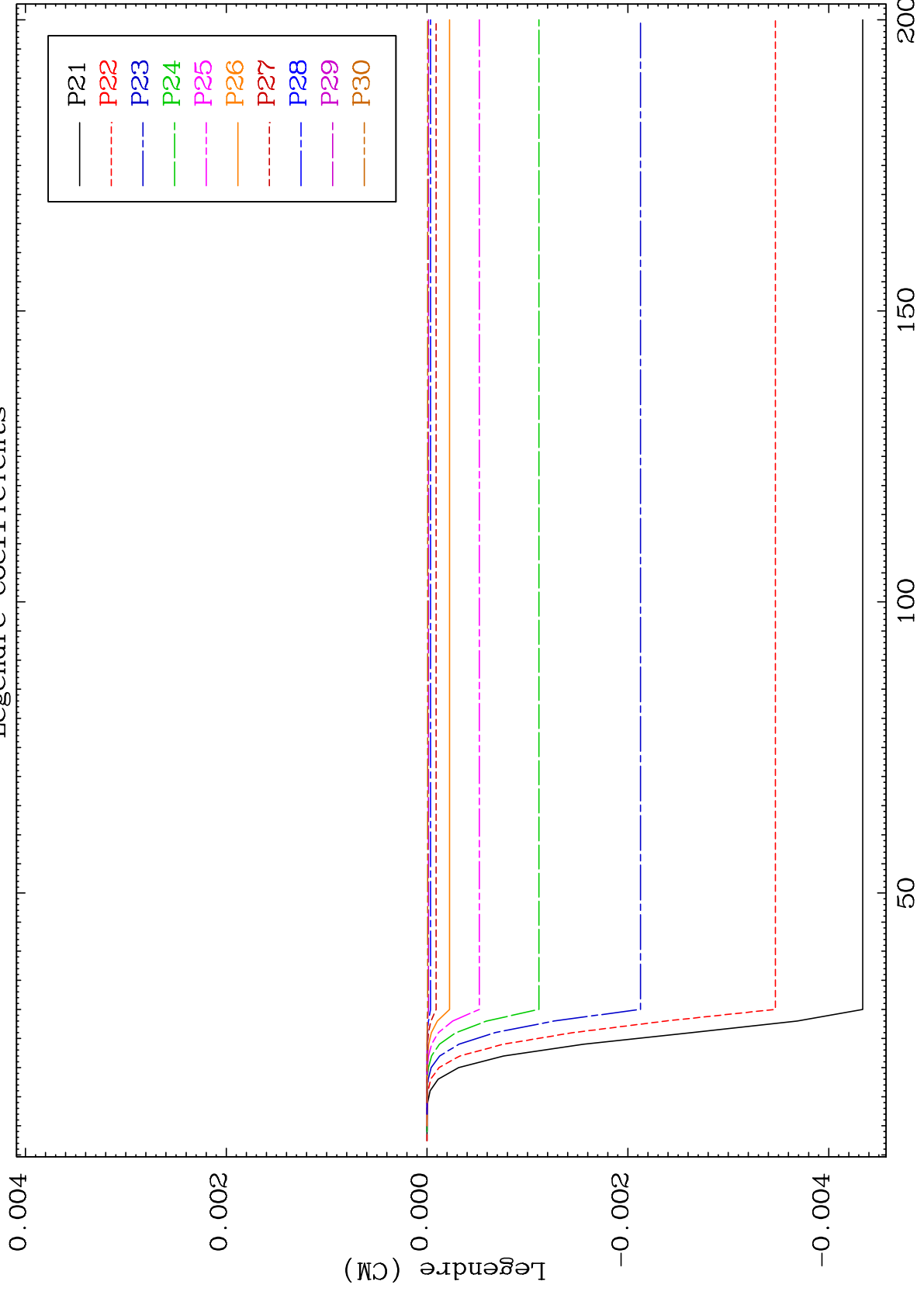
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



70

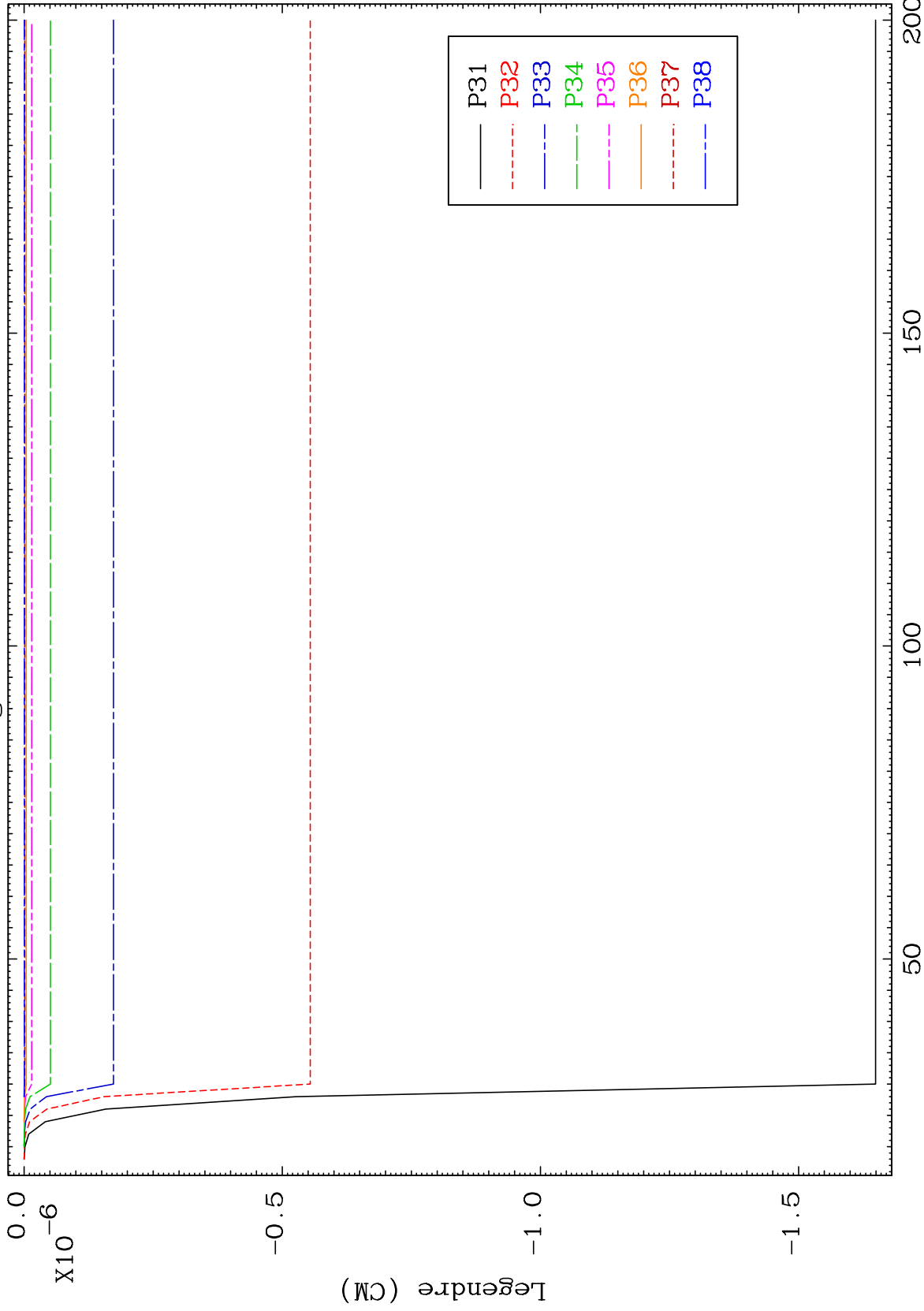
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



71

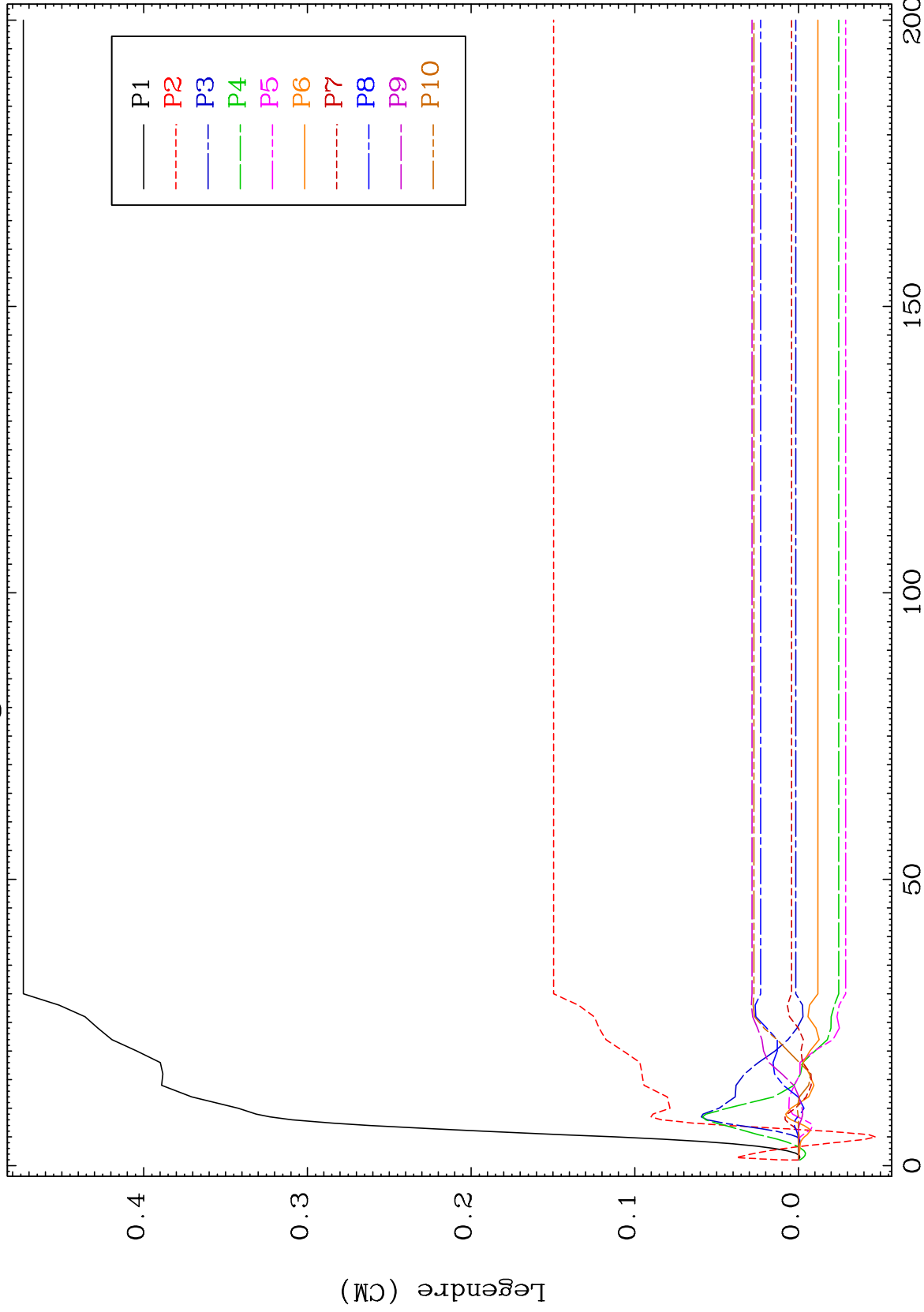
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



72

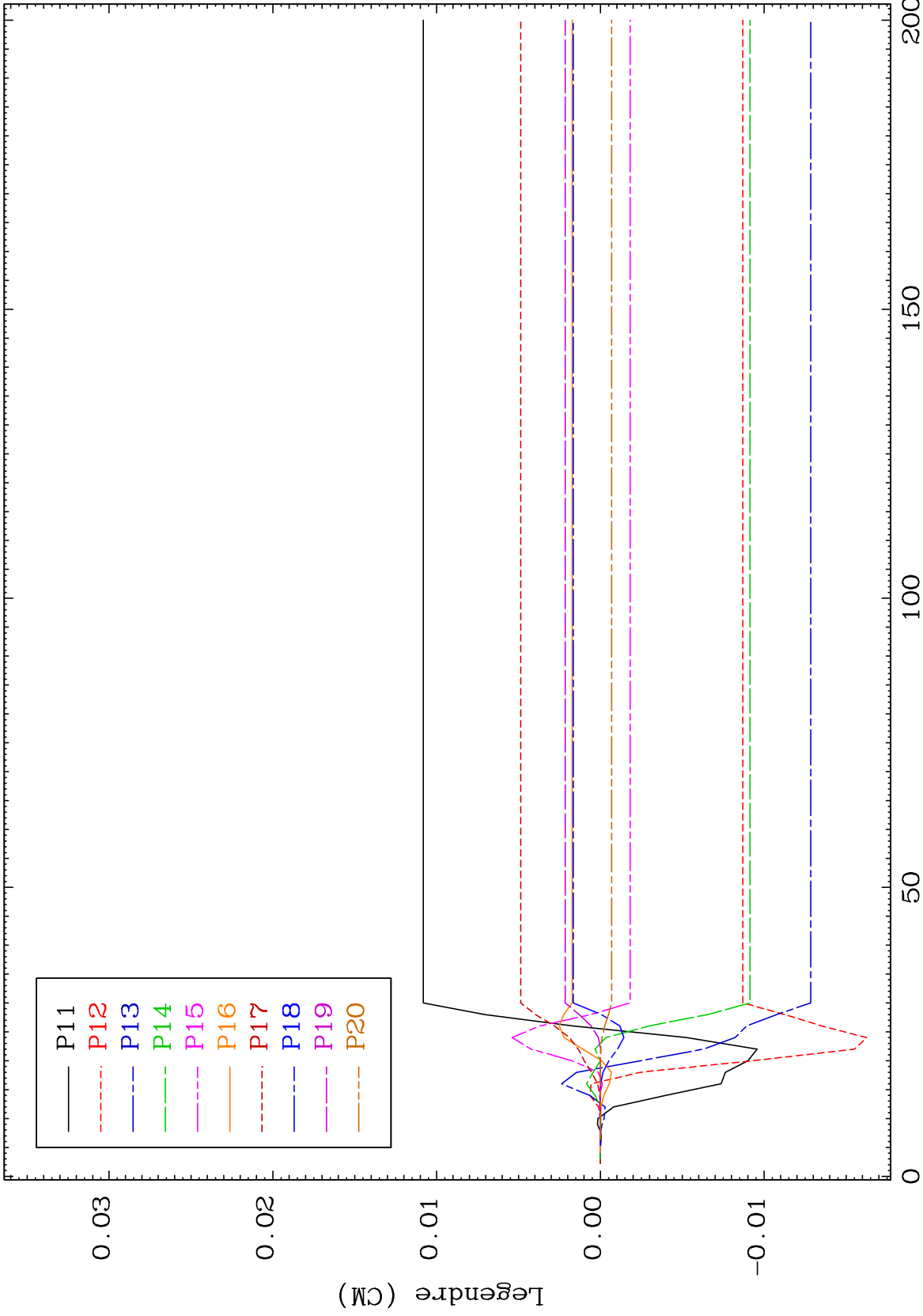
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



73

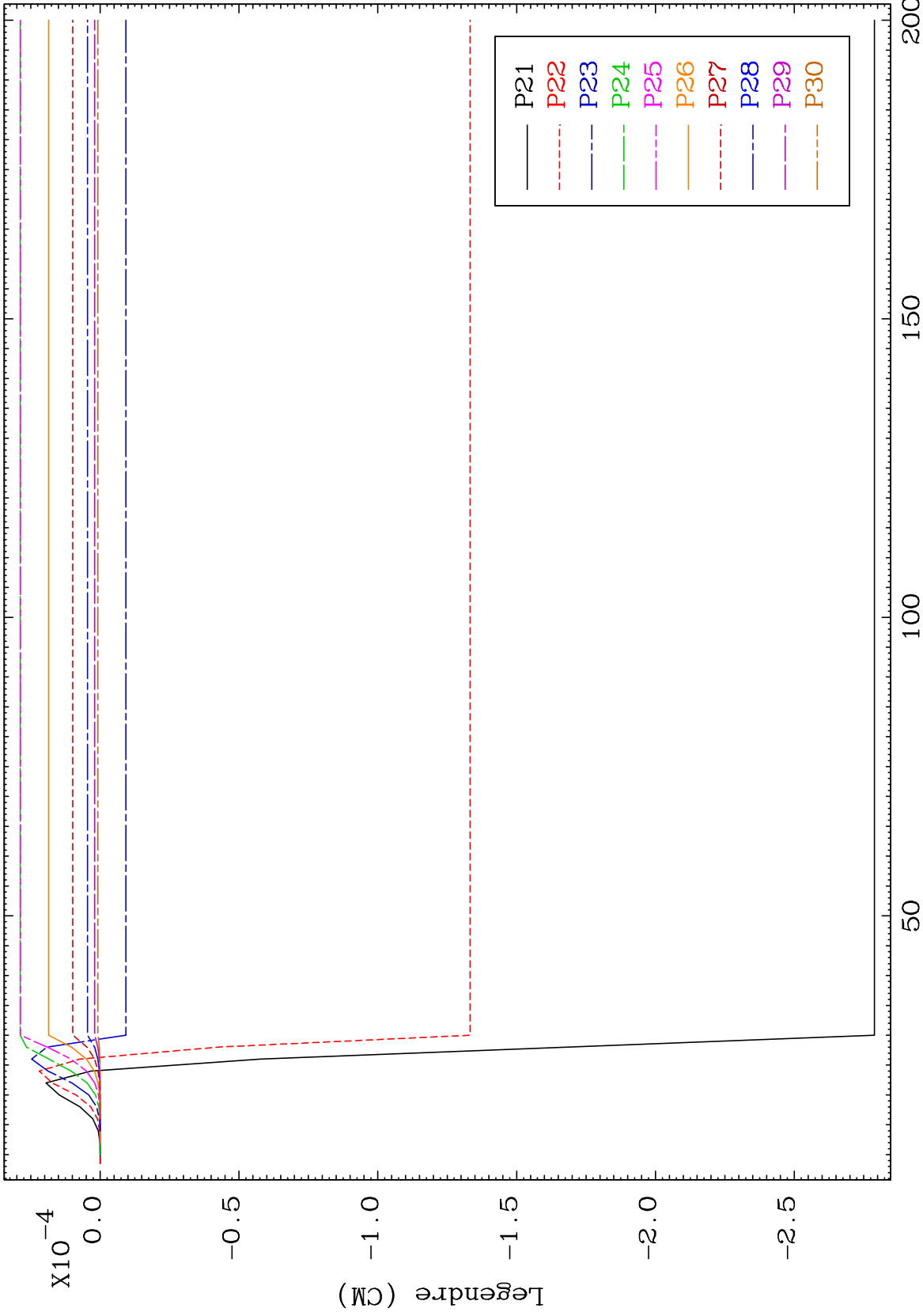
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



74

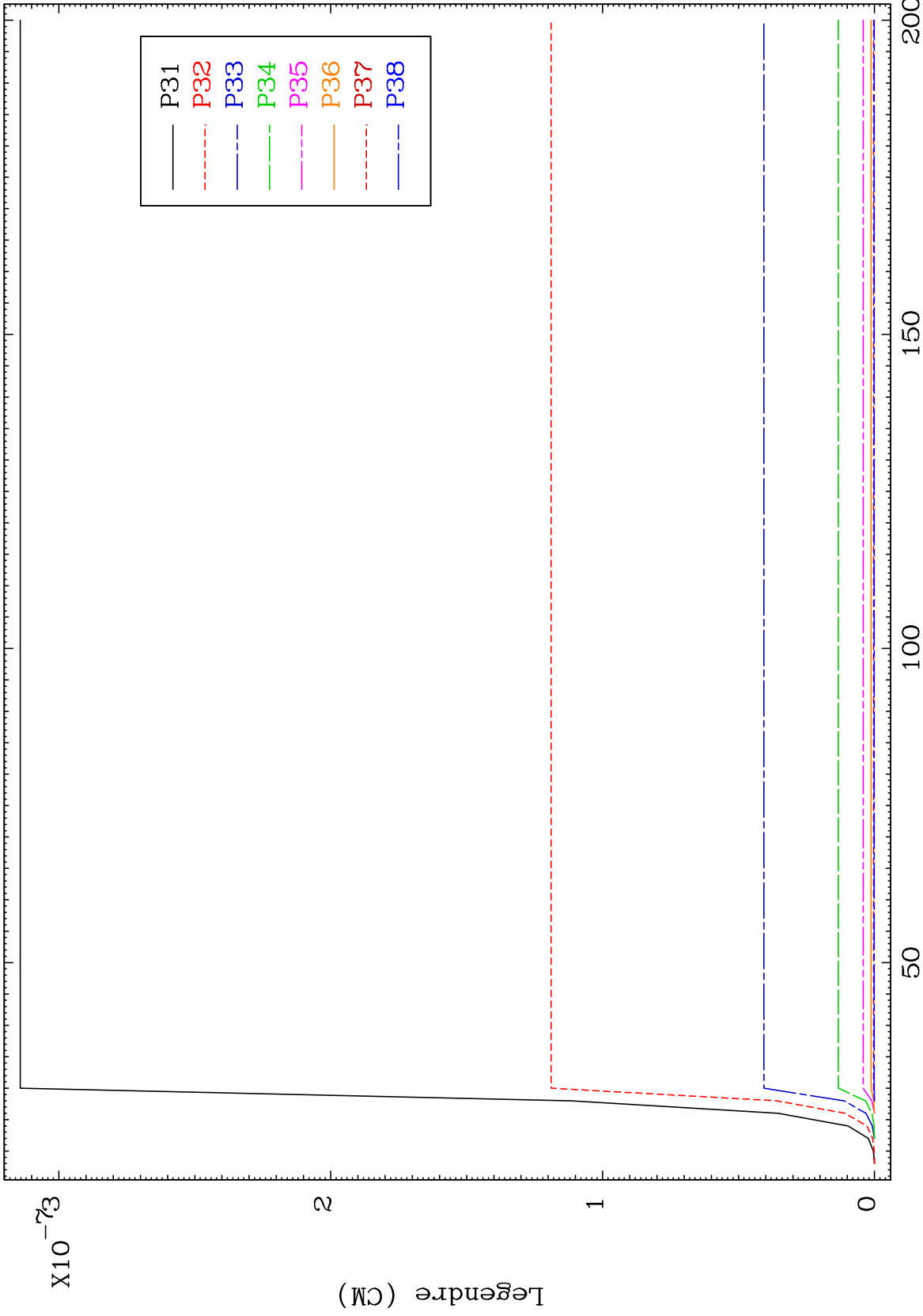
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



75

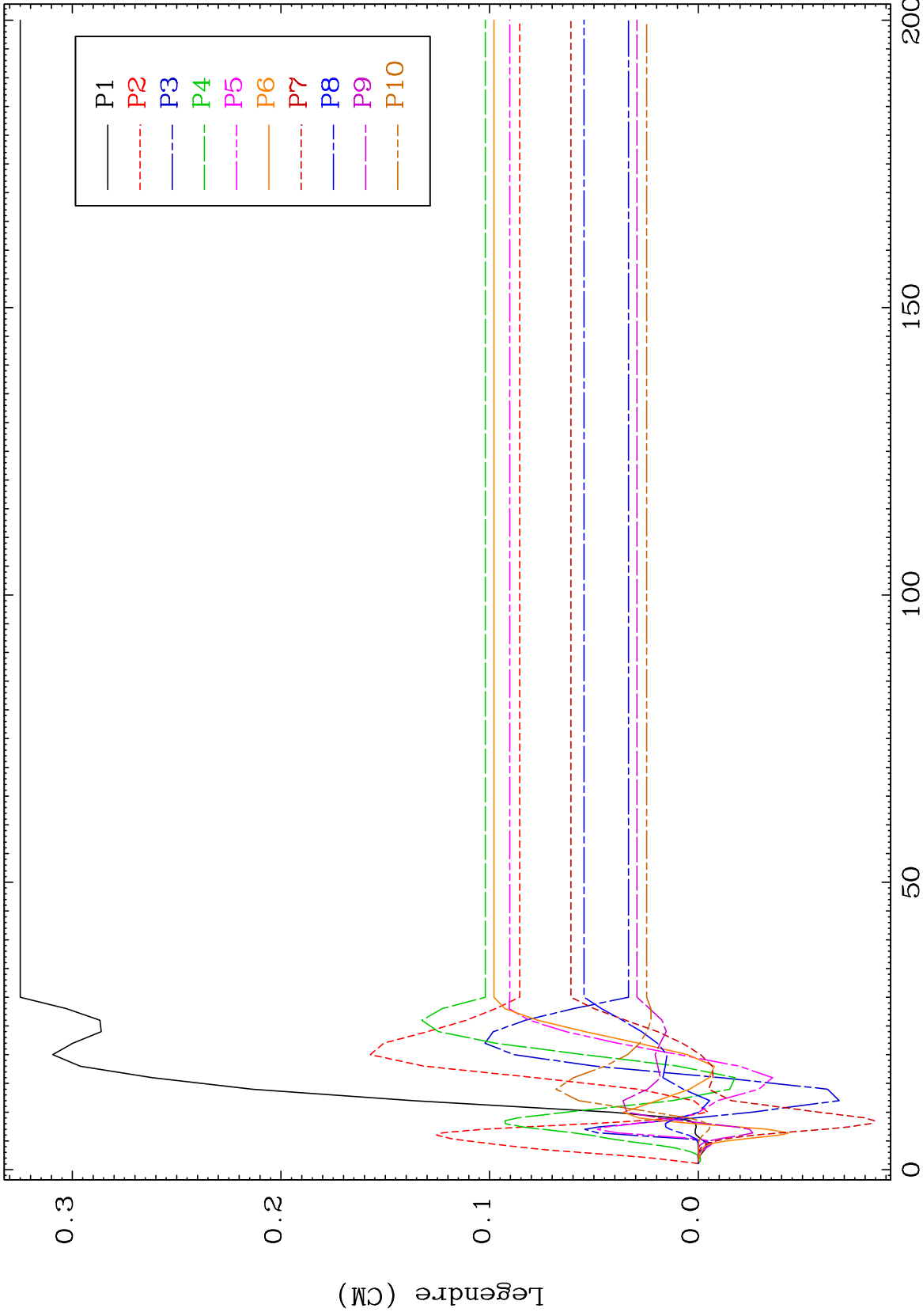
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



76

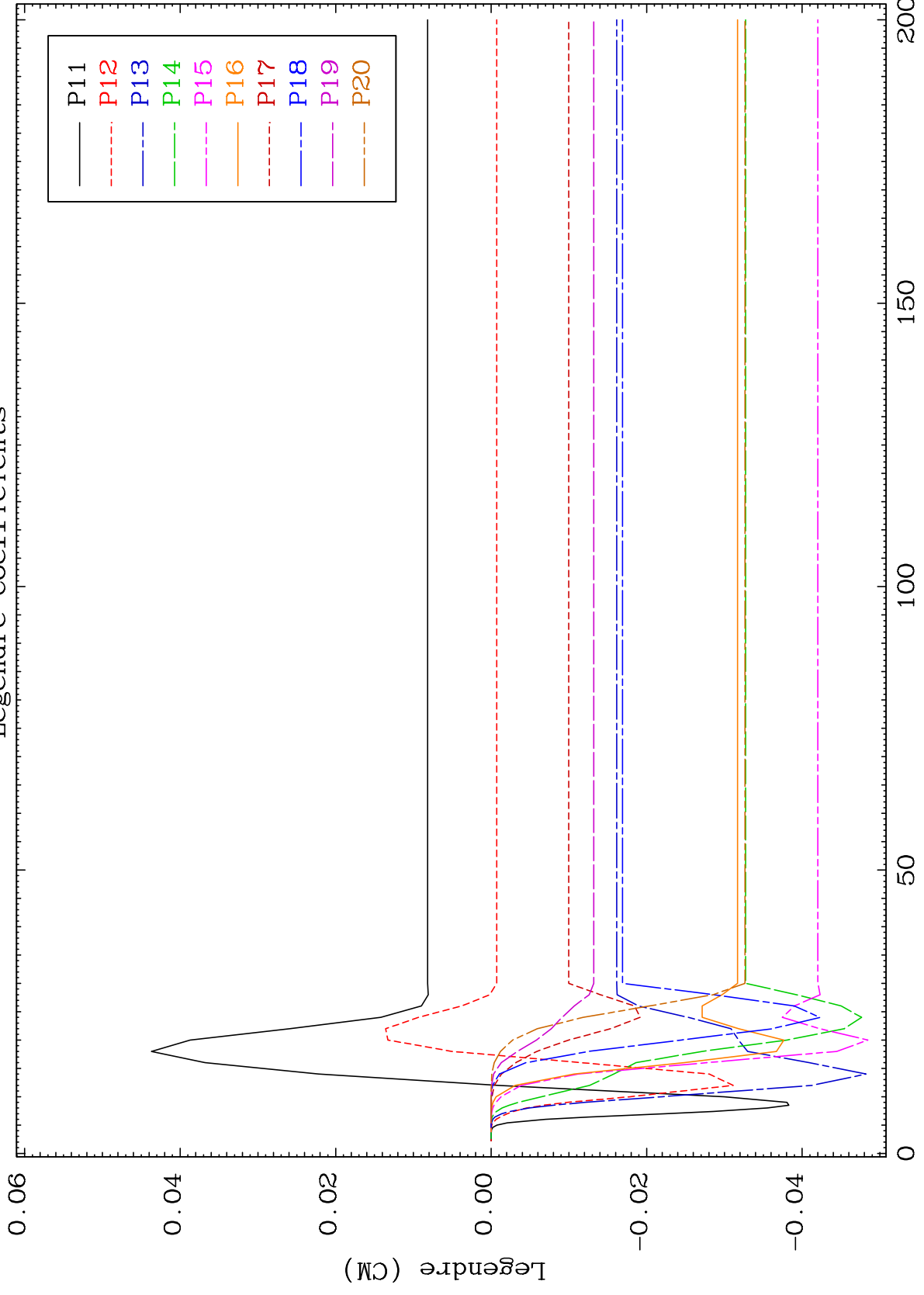
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



77

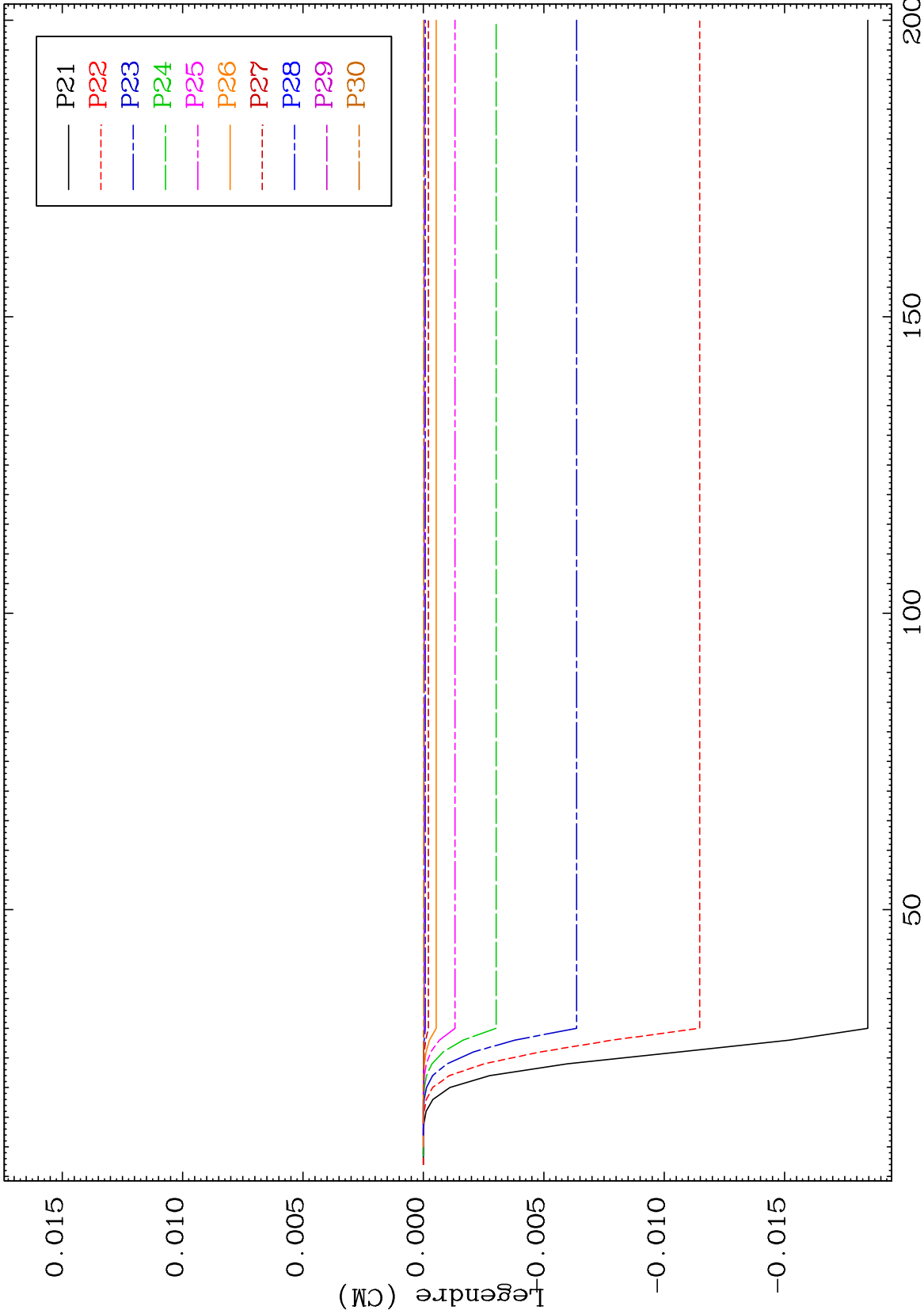
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



78

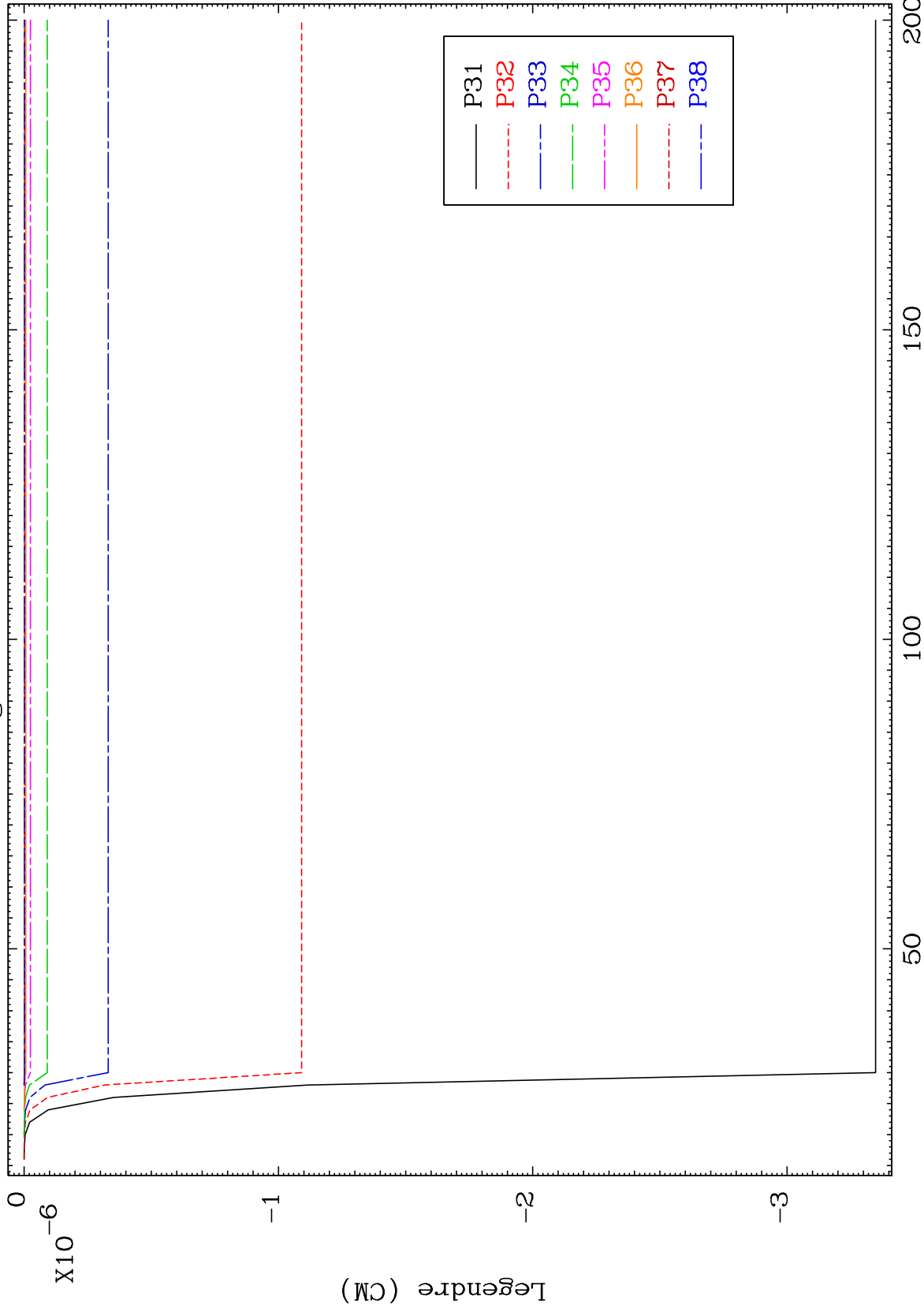
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



79

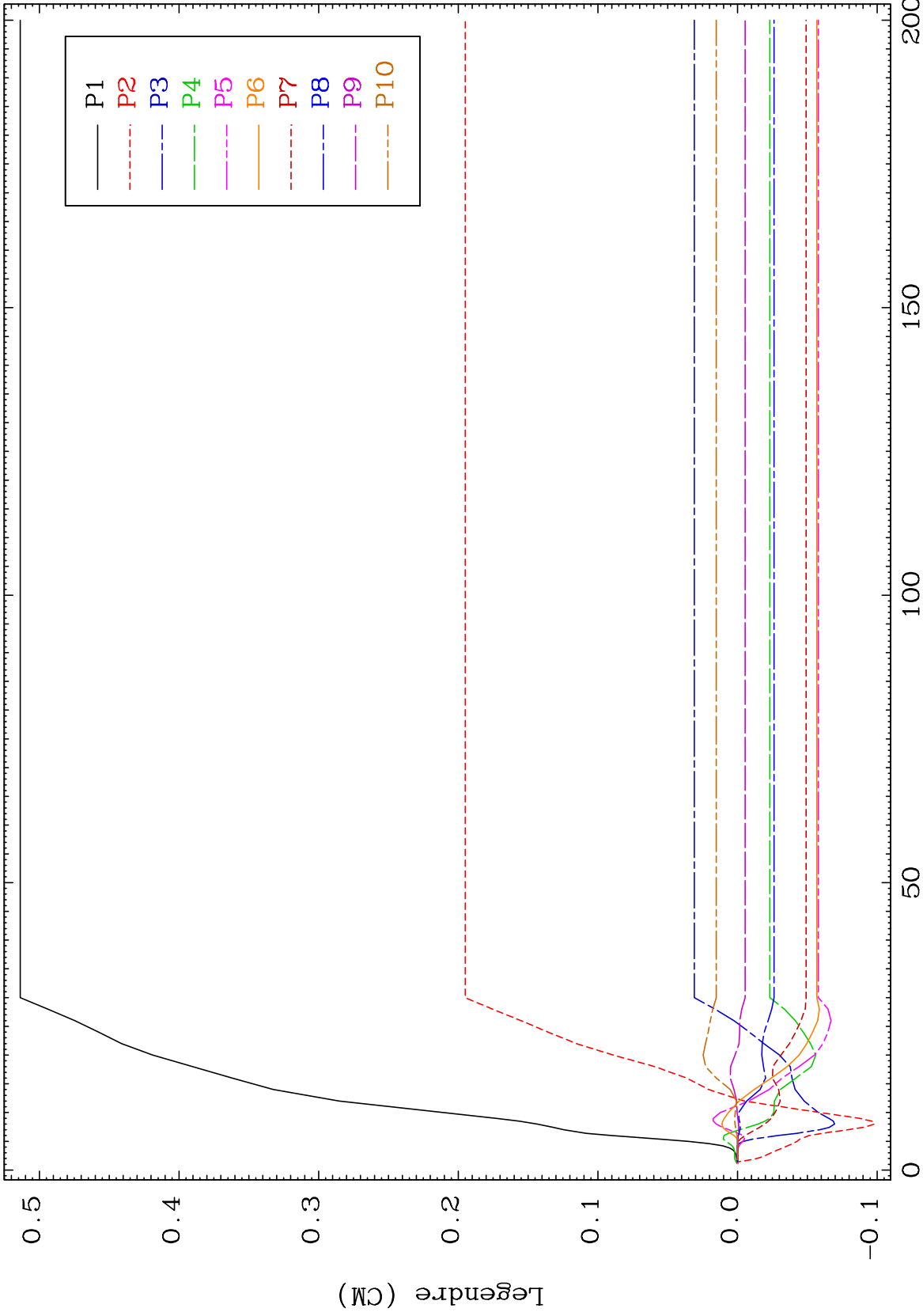
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



77-Ir-197

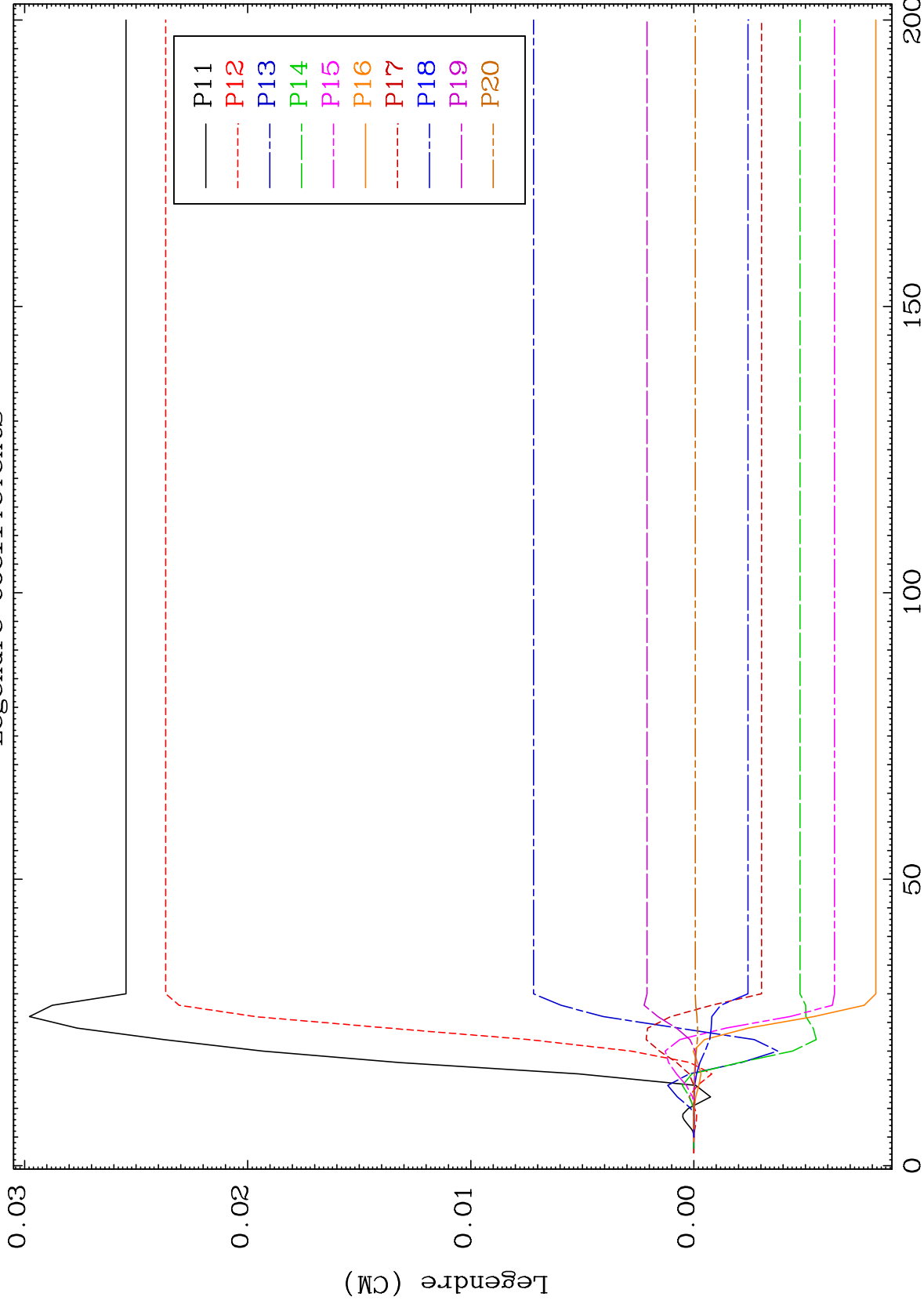
Incident Energy (MeV)

80

MAT 7743

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

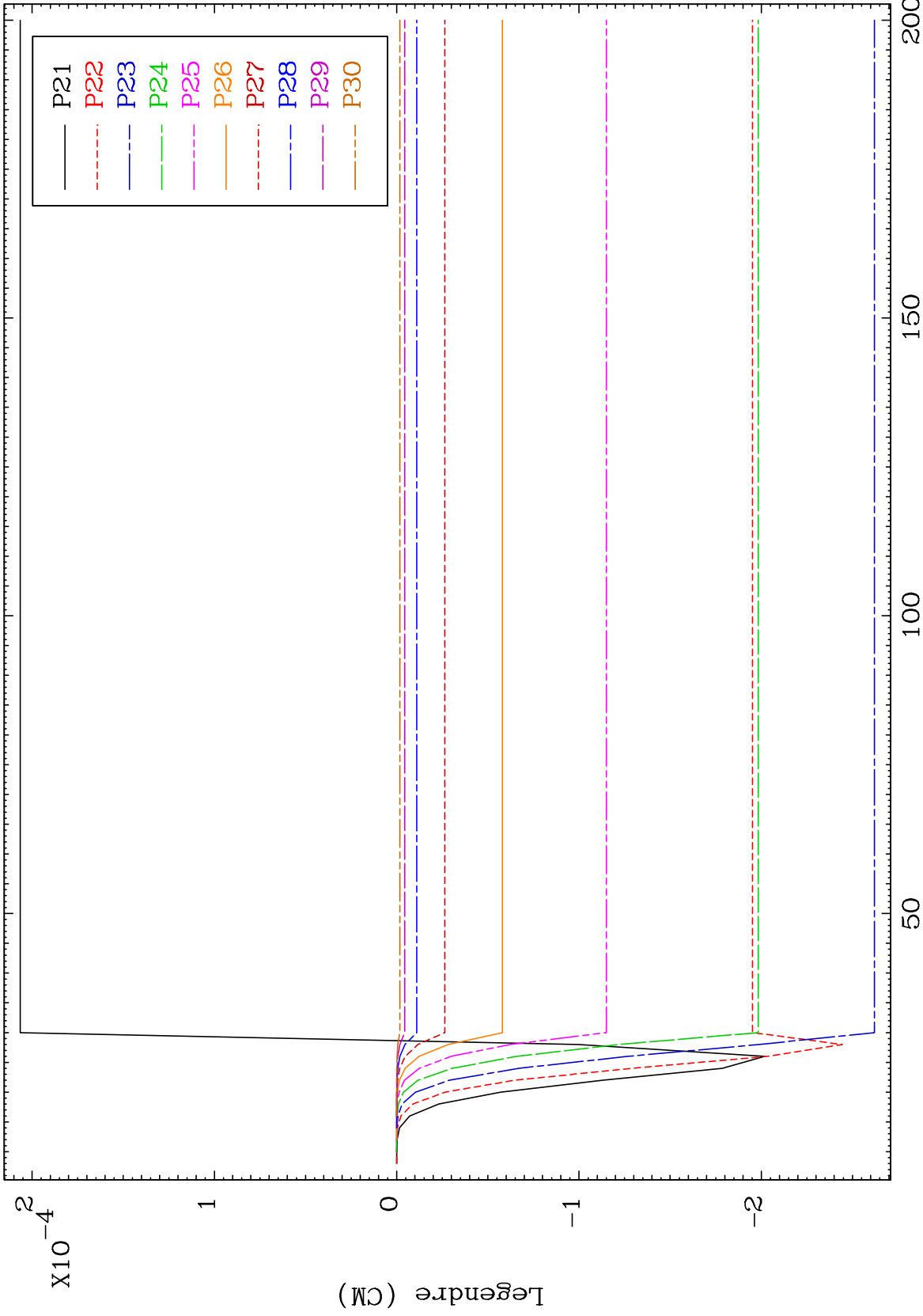
77-Ir-197



MAT 7743

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

77-Ir-197



82

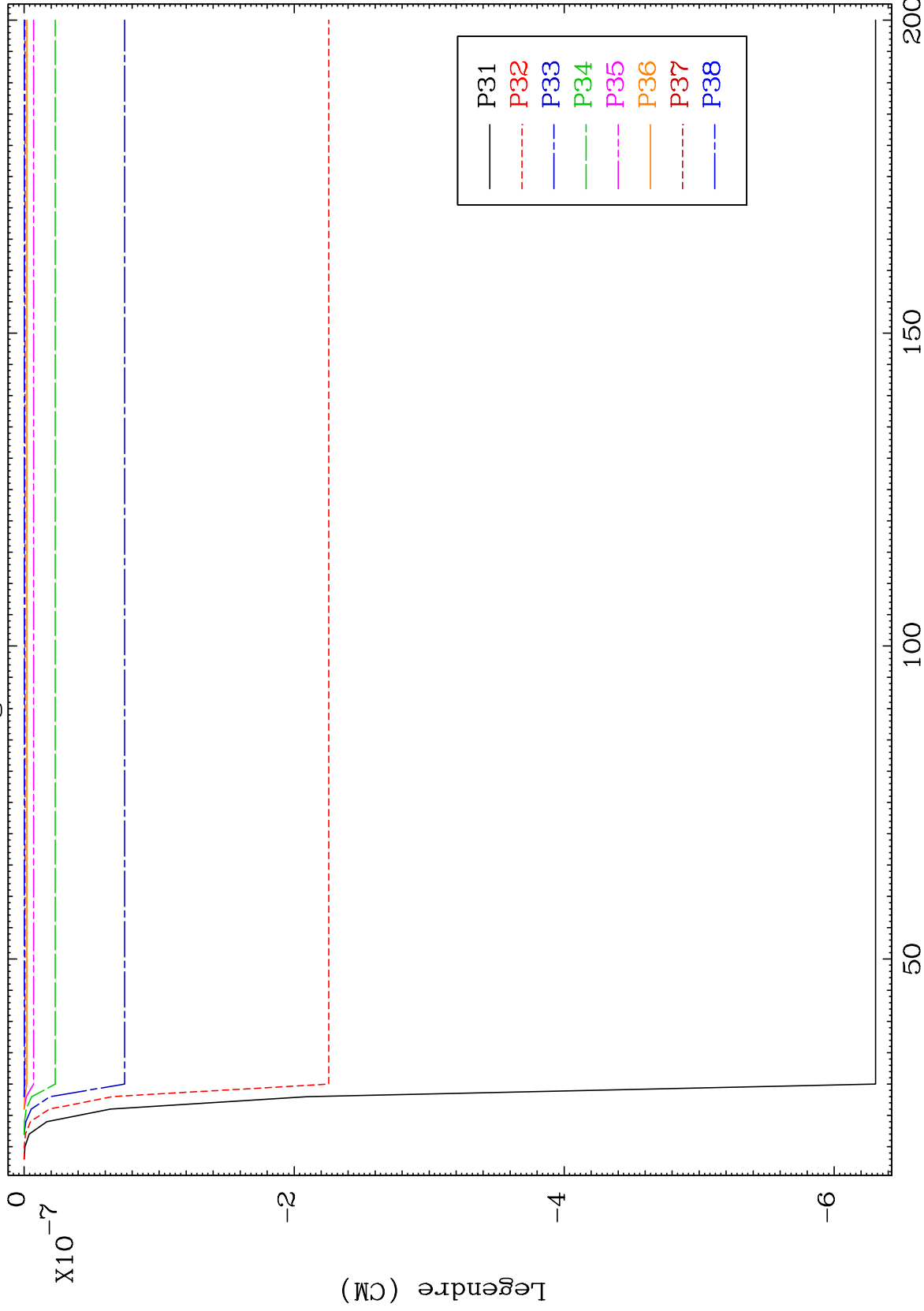
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



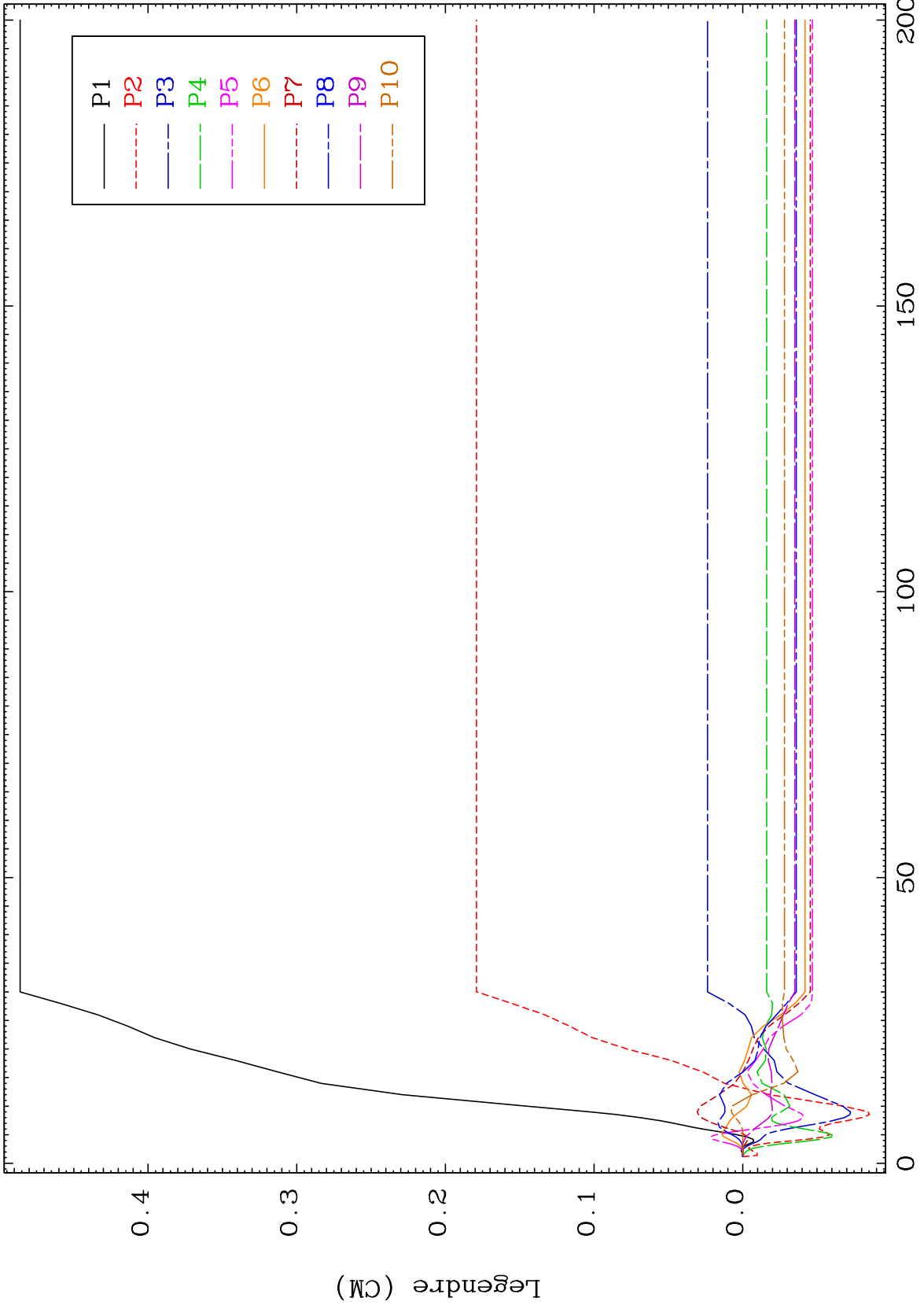
83

77-Ir-197

MAT 7743

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

77-Ir-197



84

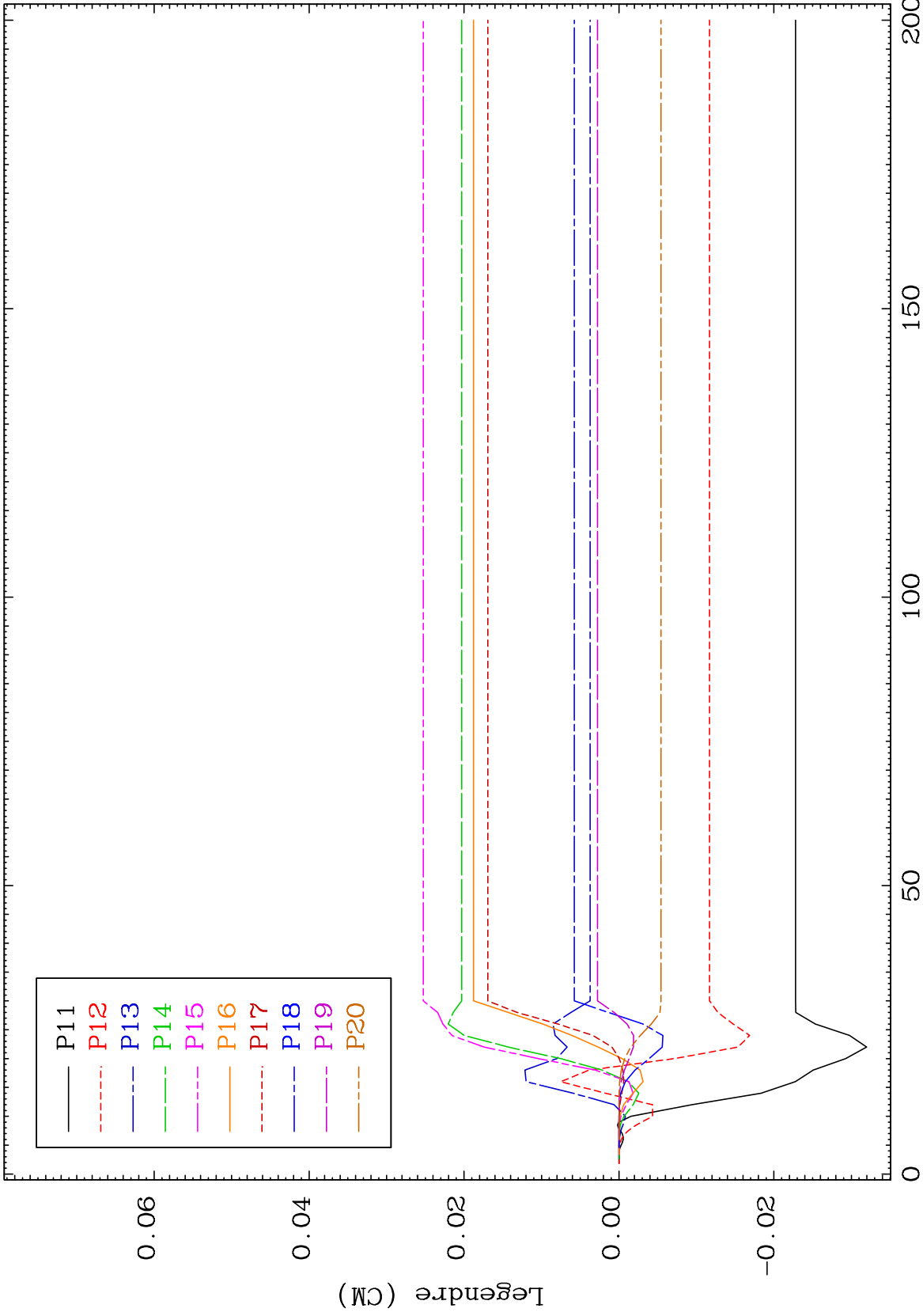
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



85

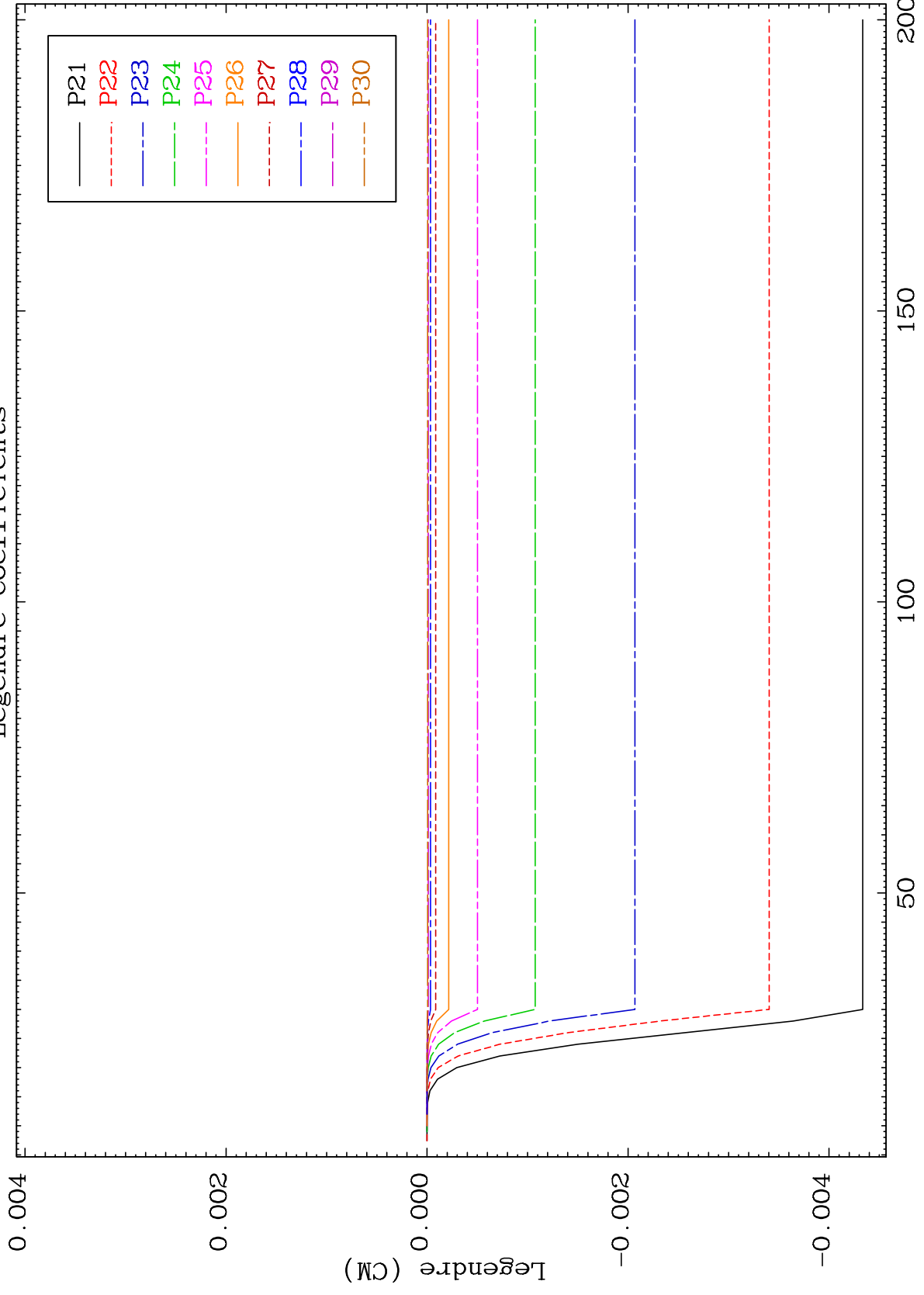
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



86

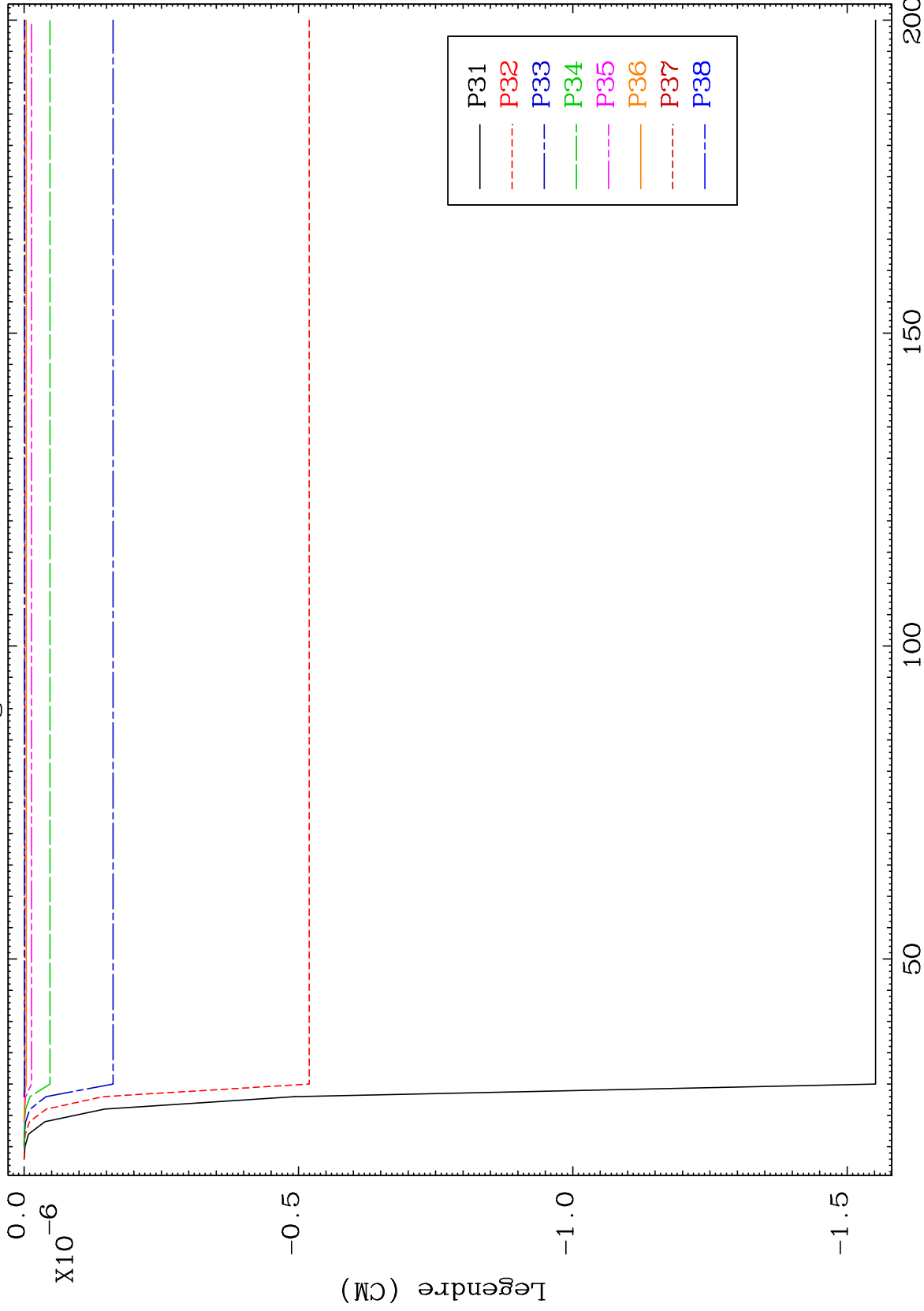
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



87

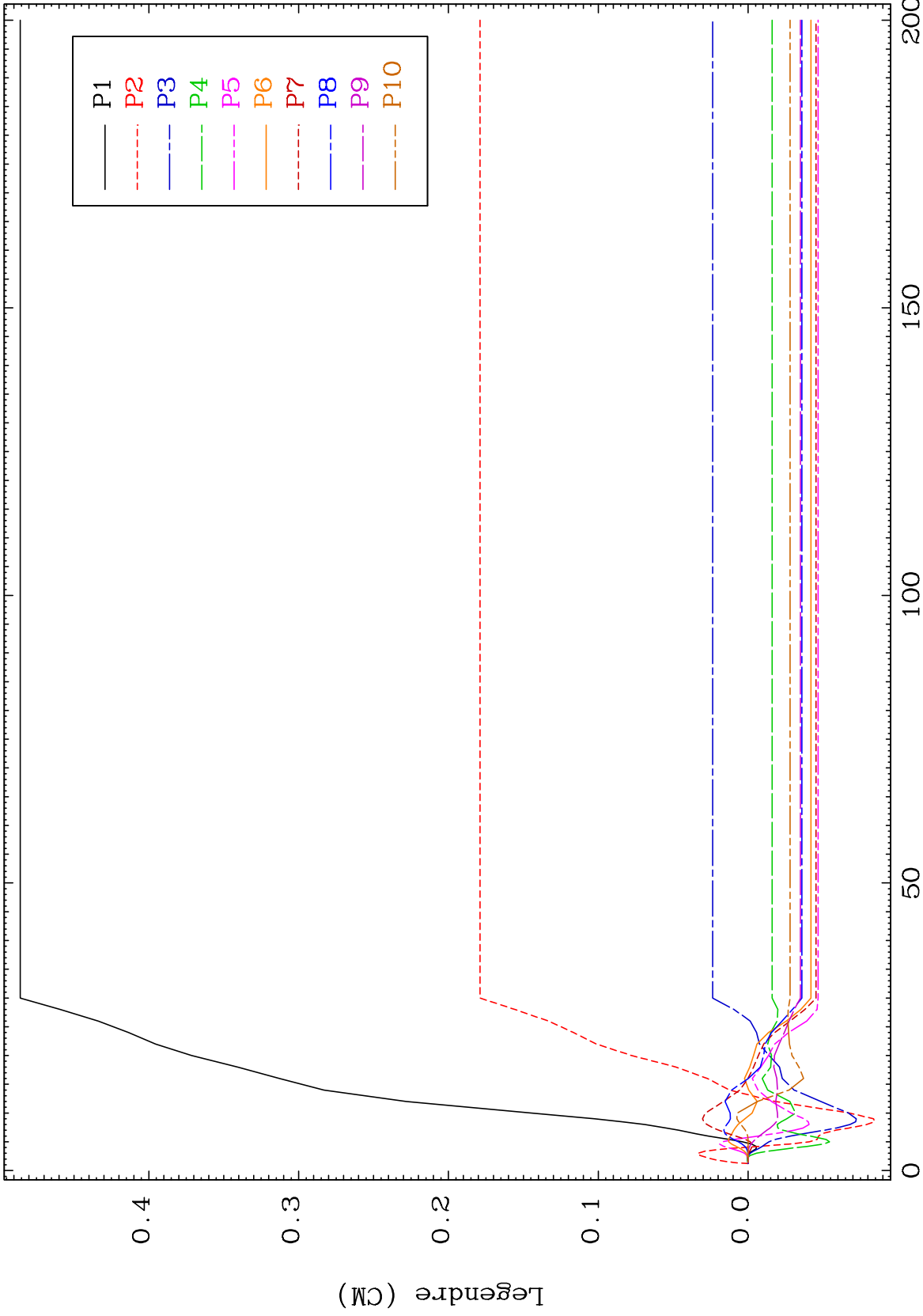
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



88

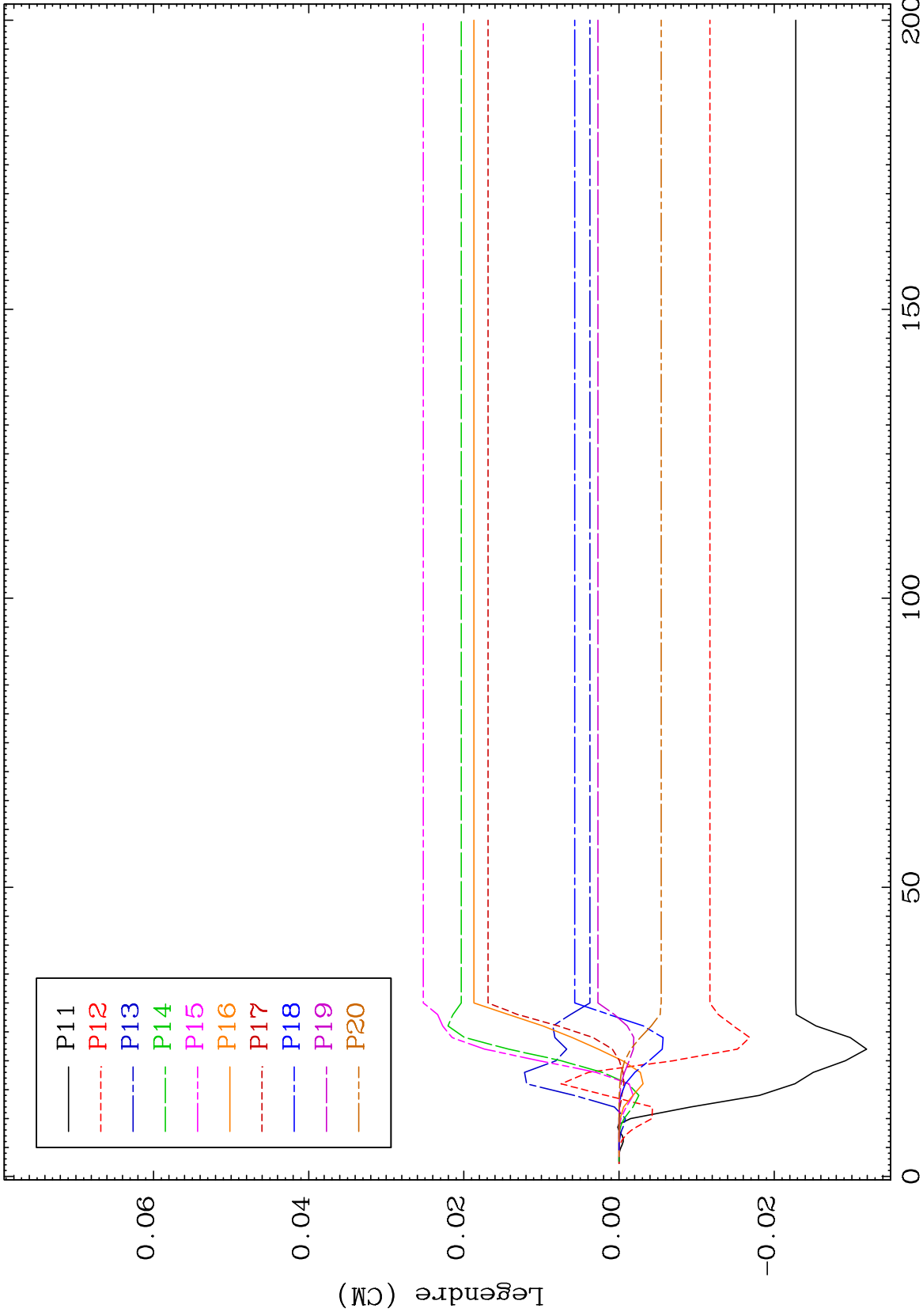
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



89

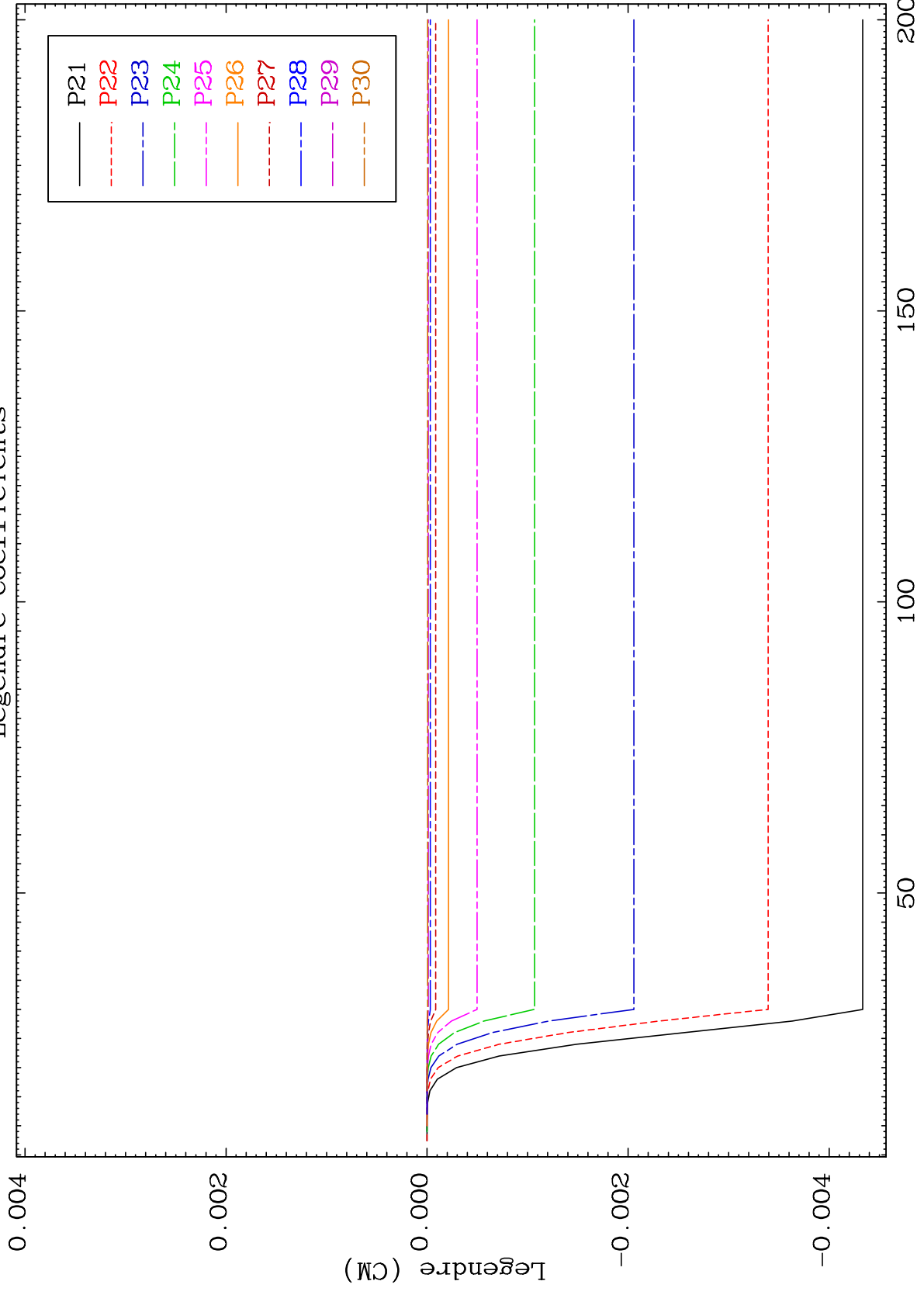
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197

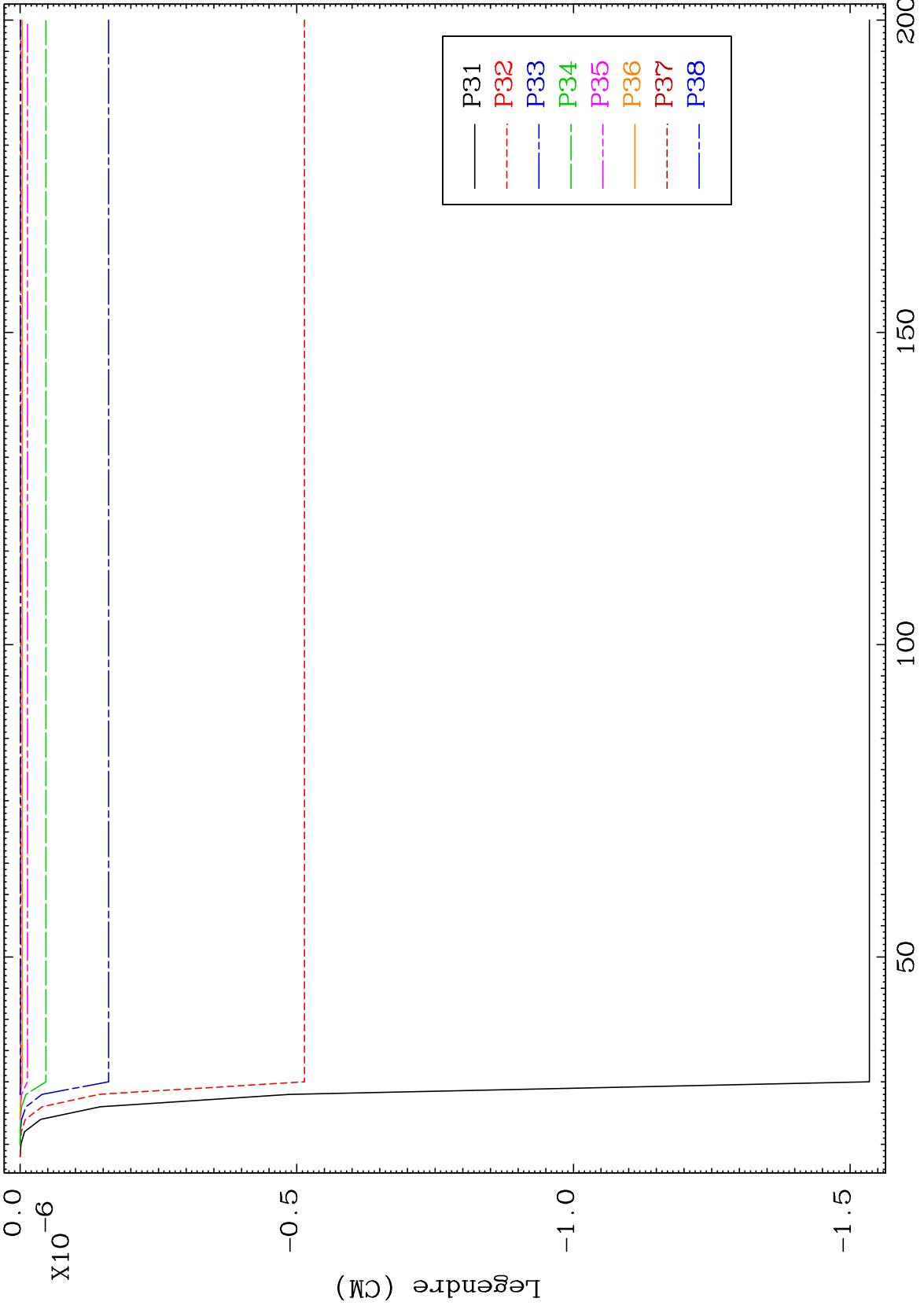


90

Incident Energy (MeV)

77-Ir-197

MAT 7743 MT= 68 (n,n') Level Legendre Coefficients 77-Ir-197

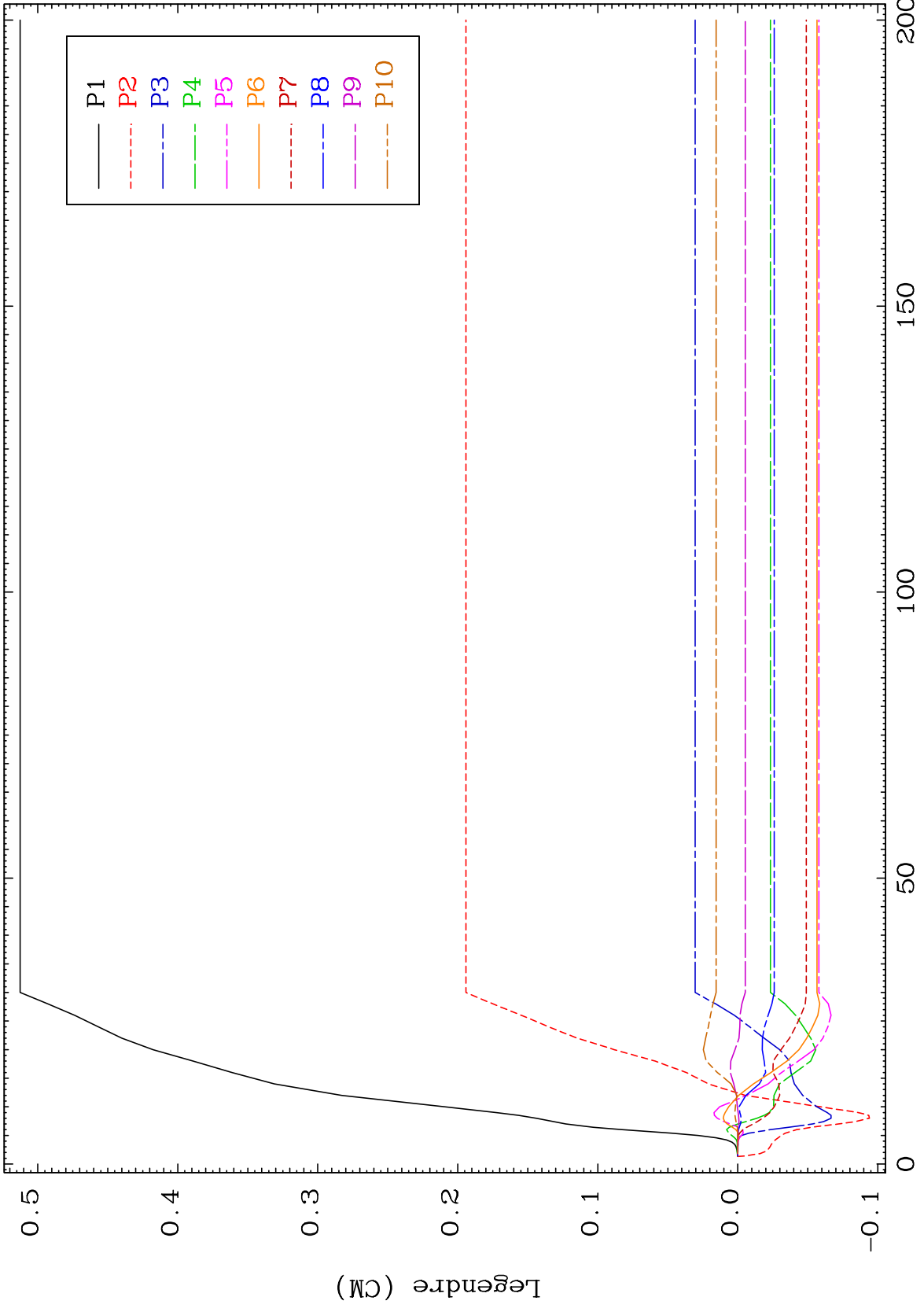


91 77-Ir-197

MAT 7743

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

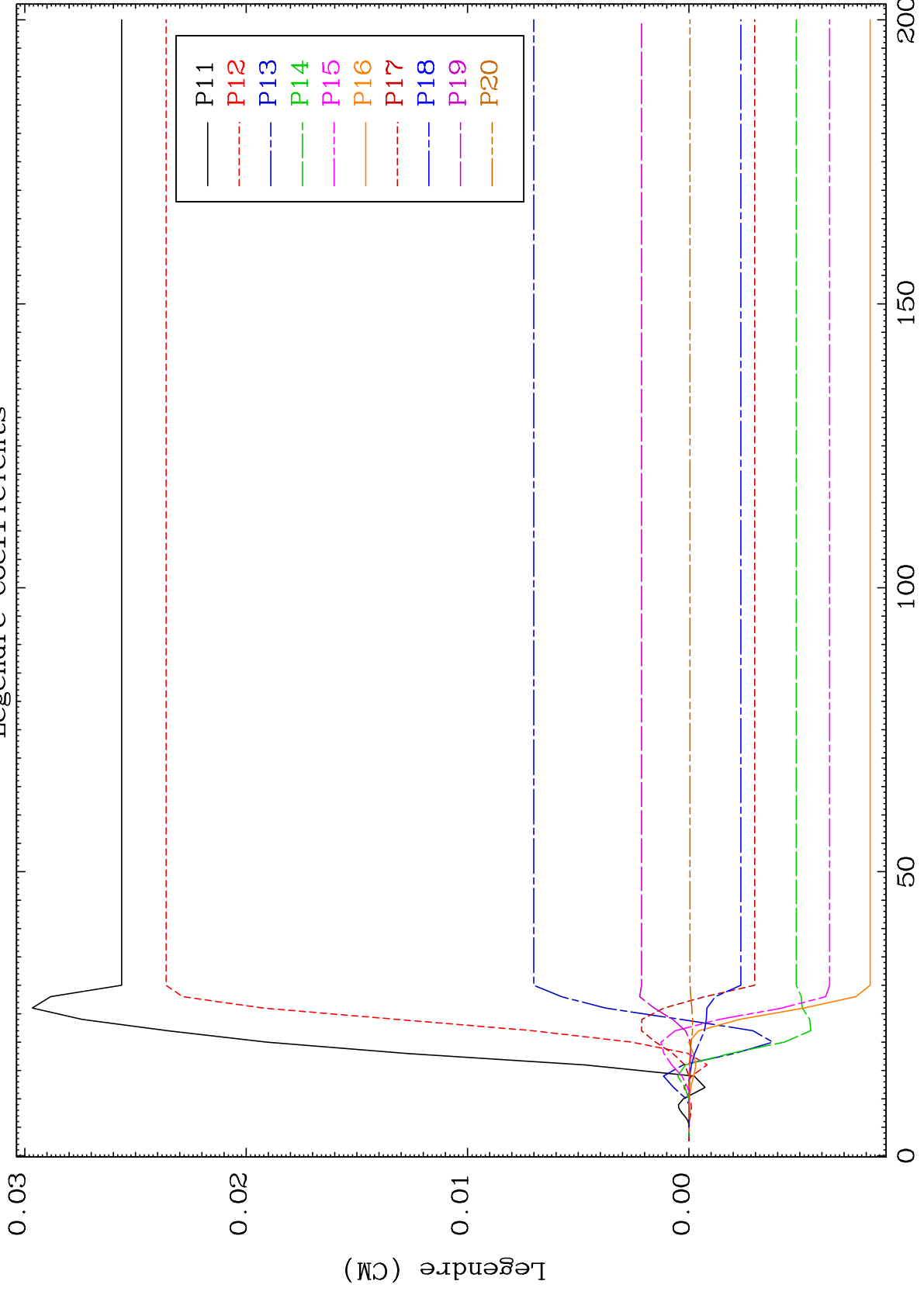
77-Ir-197



MAT 7743

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

77-Ir-197



93

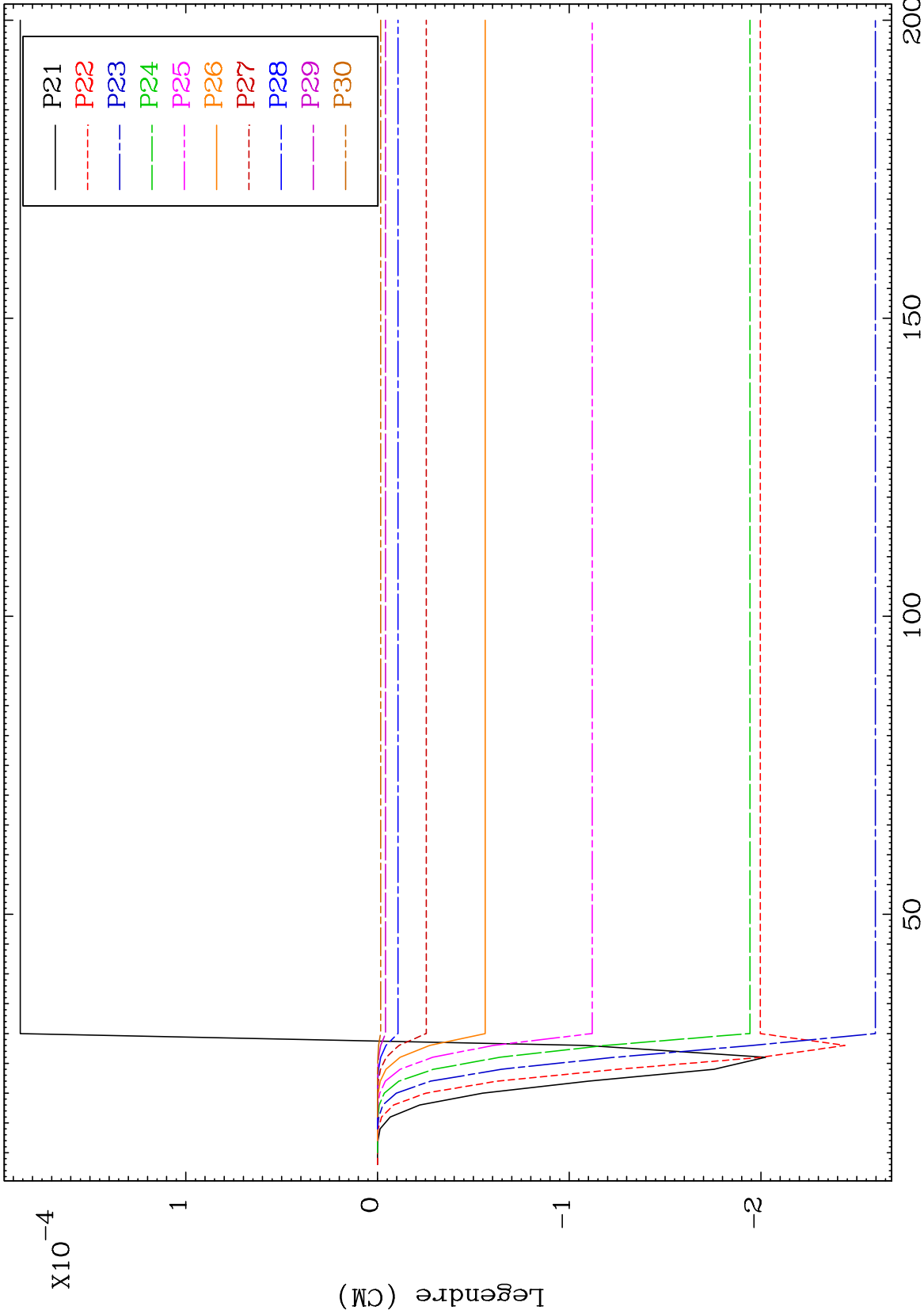
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



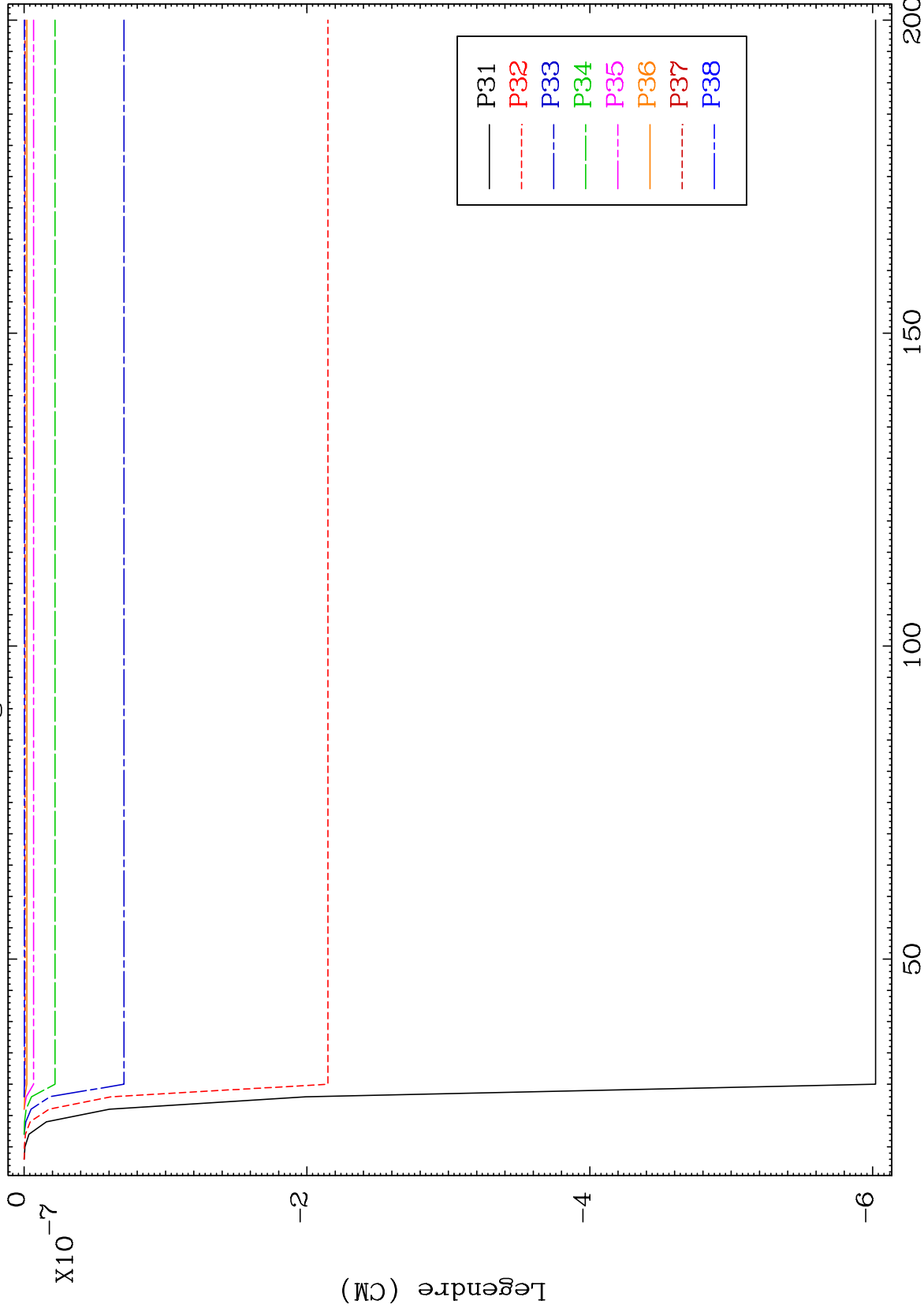
94

77-Ir-197

MAT 7743

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

77-Ir-197



95

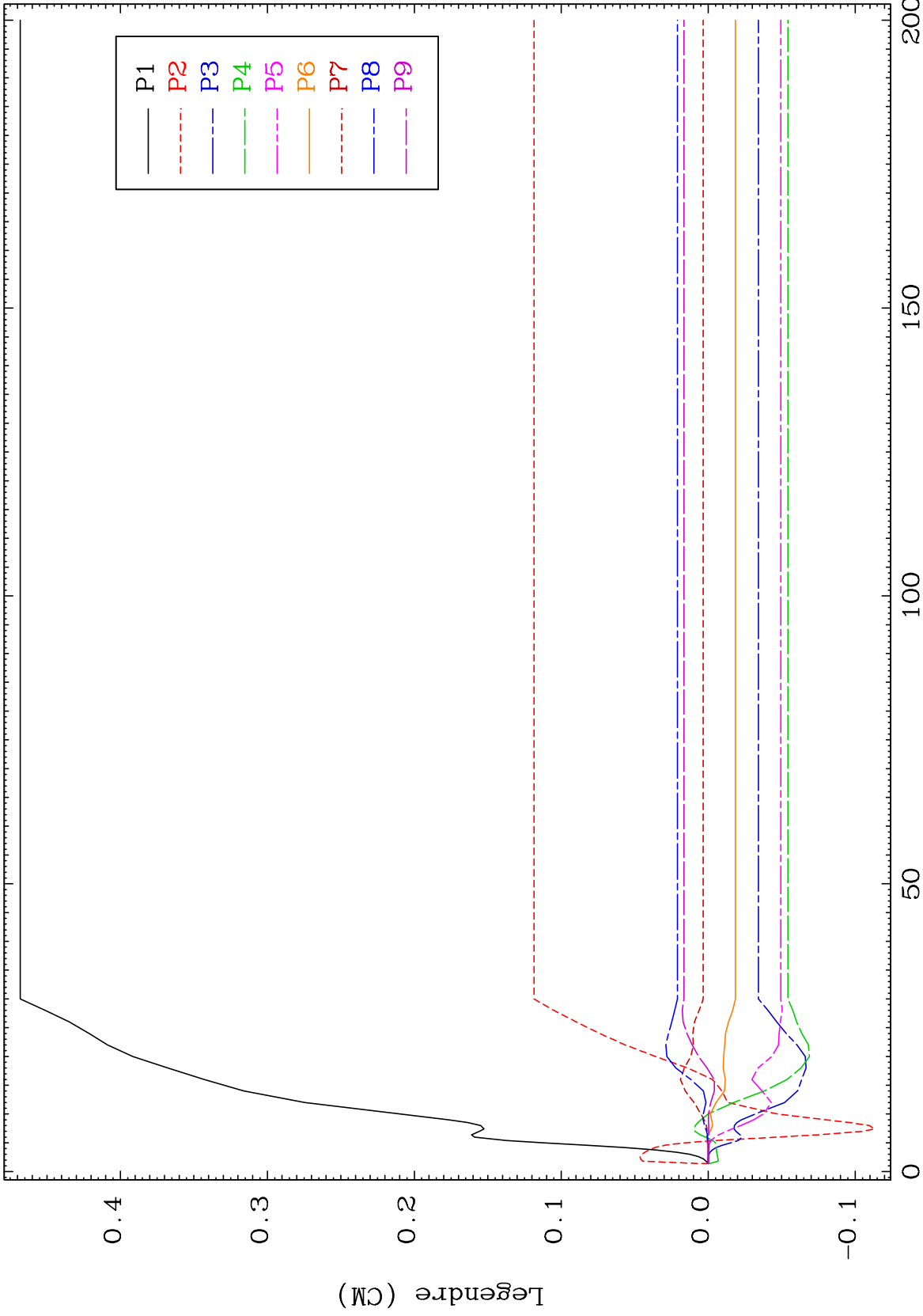
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



96

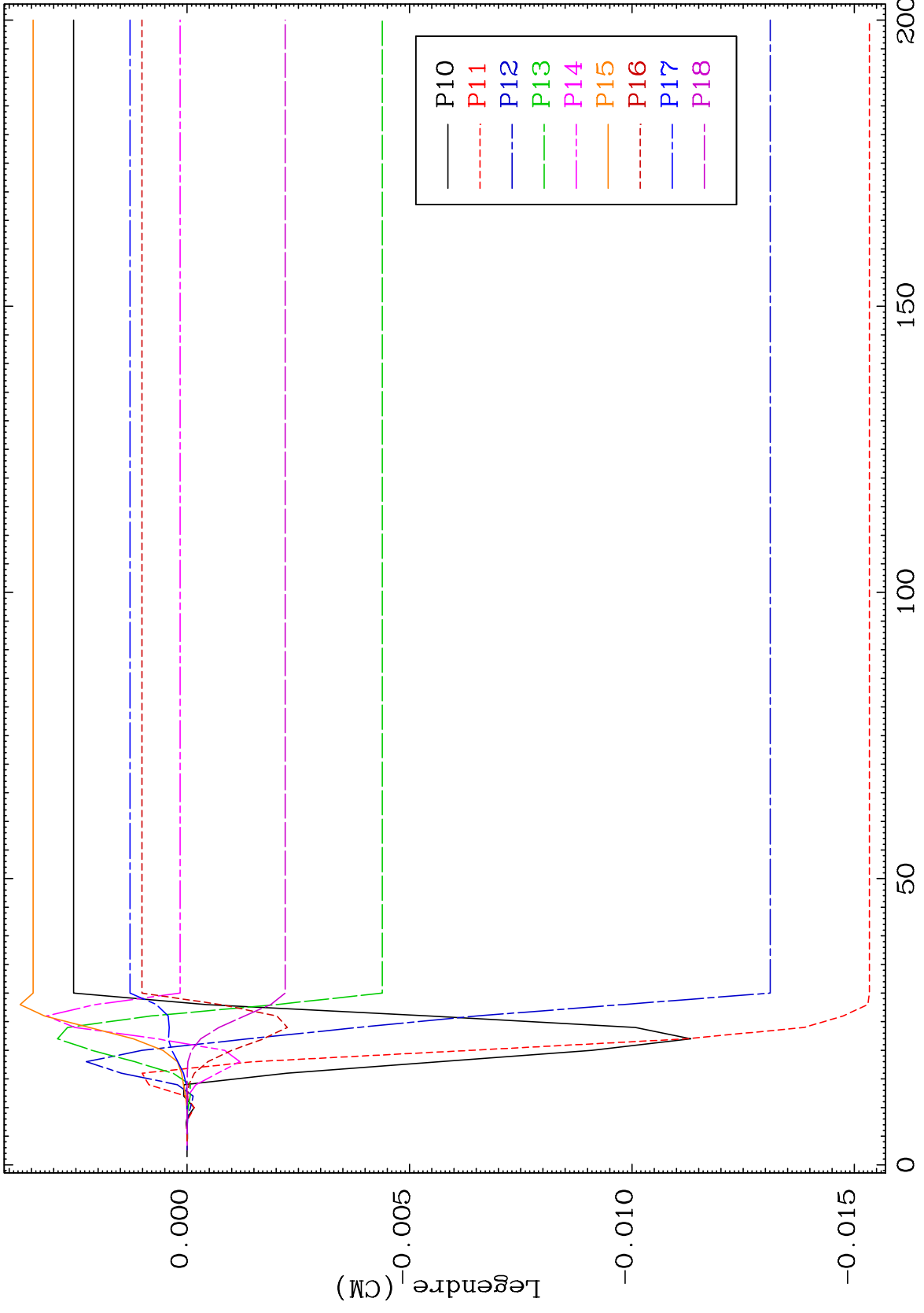
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



97

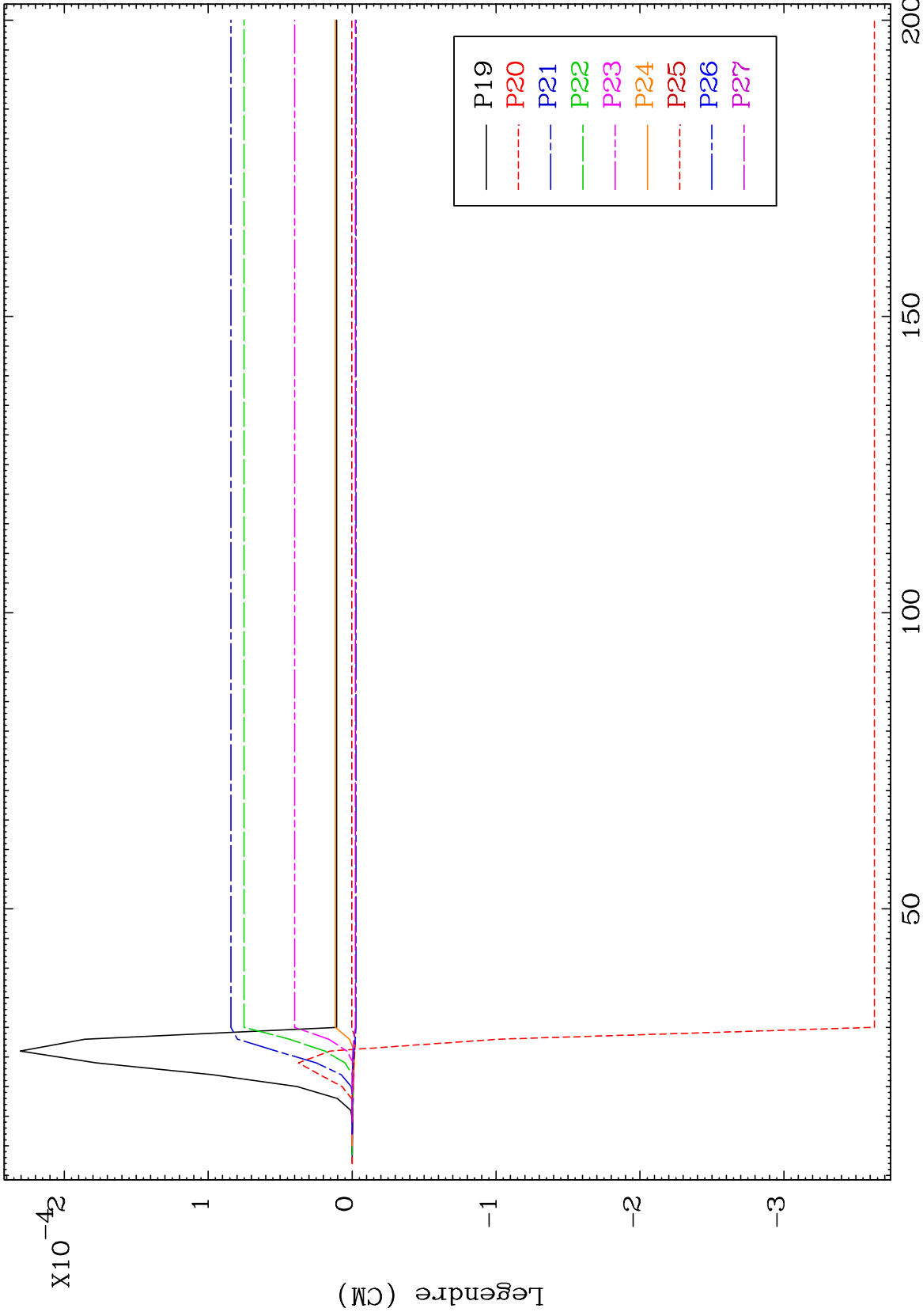
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



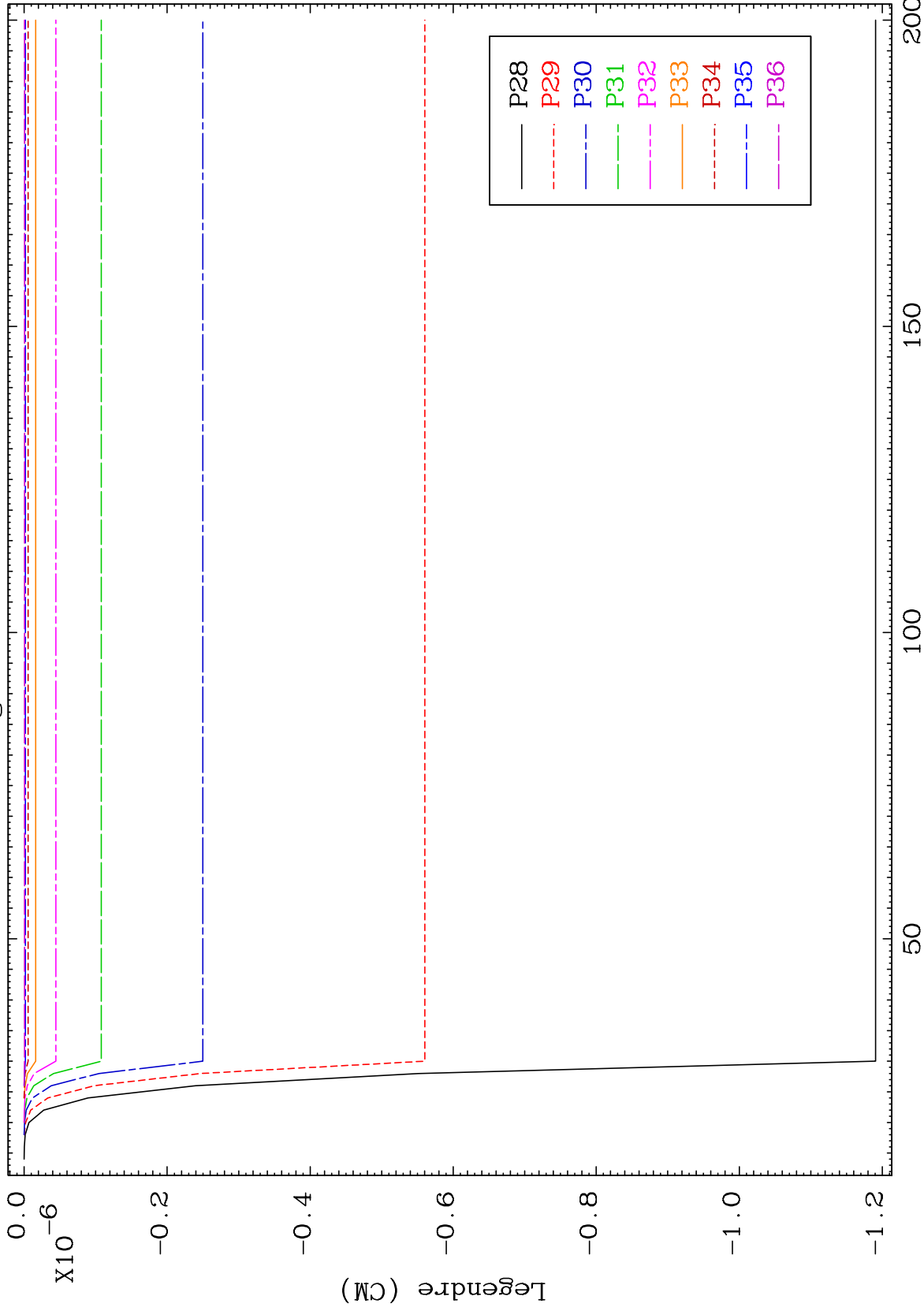
98

77-Ir-197

MAT 7743

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

77-Ir-197



99

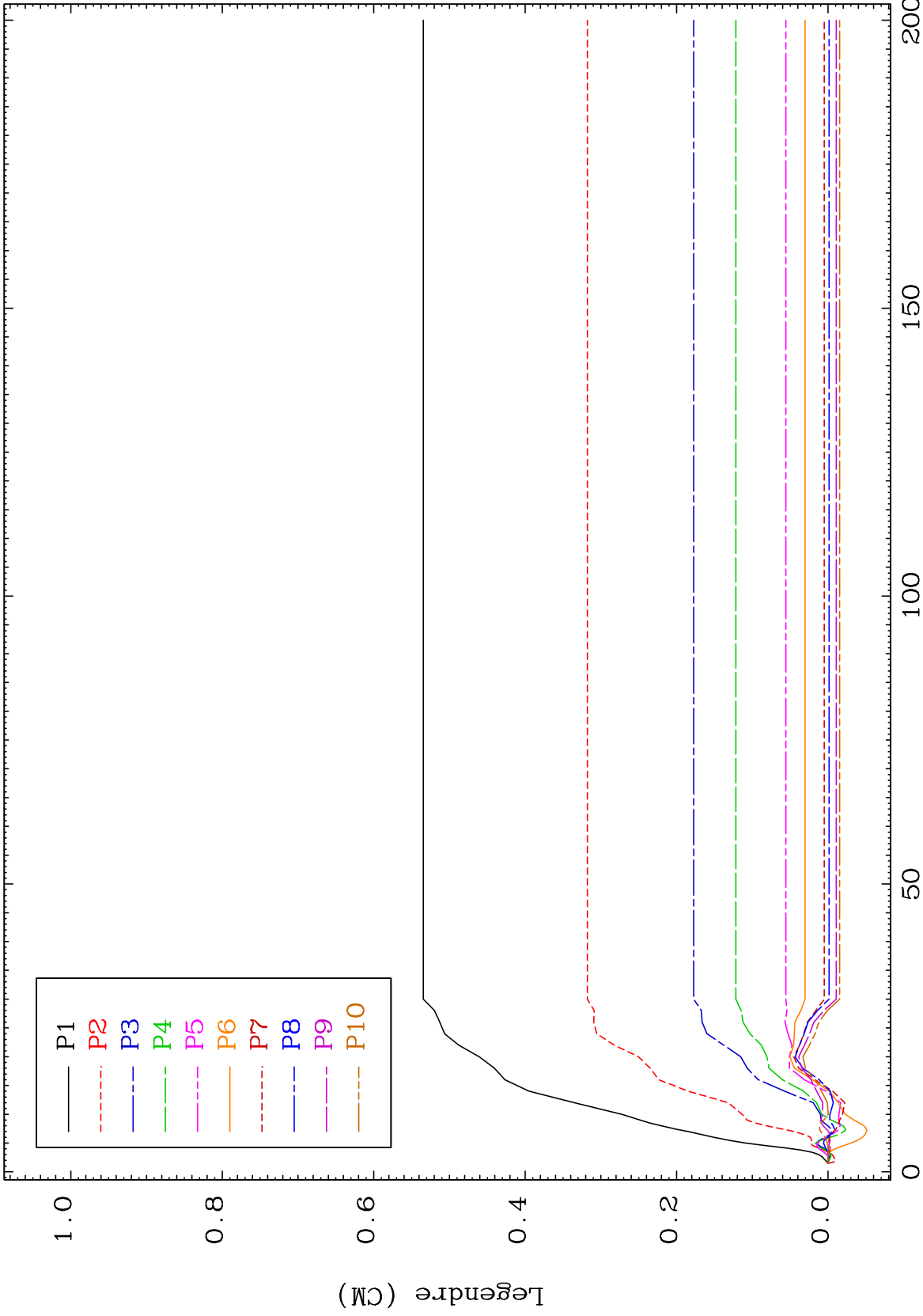
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



77-Ir-197

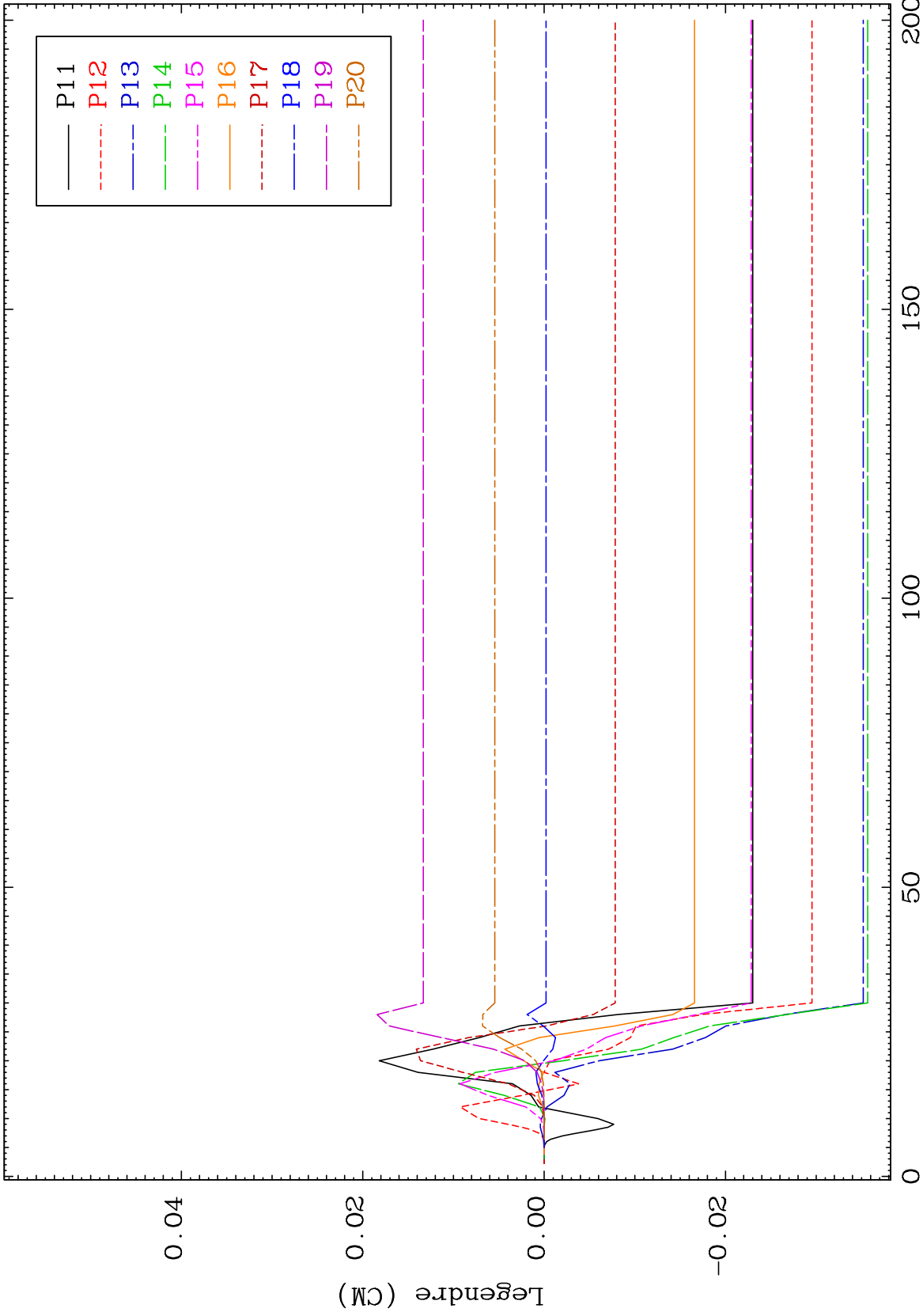
Incident Energy (MeV)

Legendre (CM)

MAT 7743

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

77-Ir-197



101

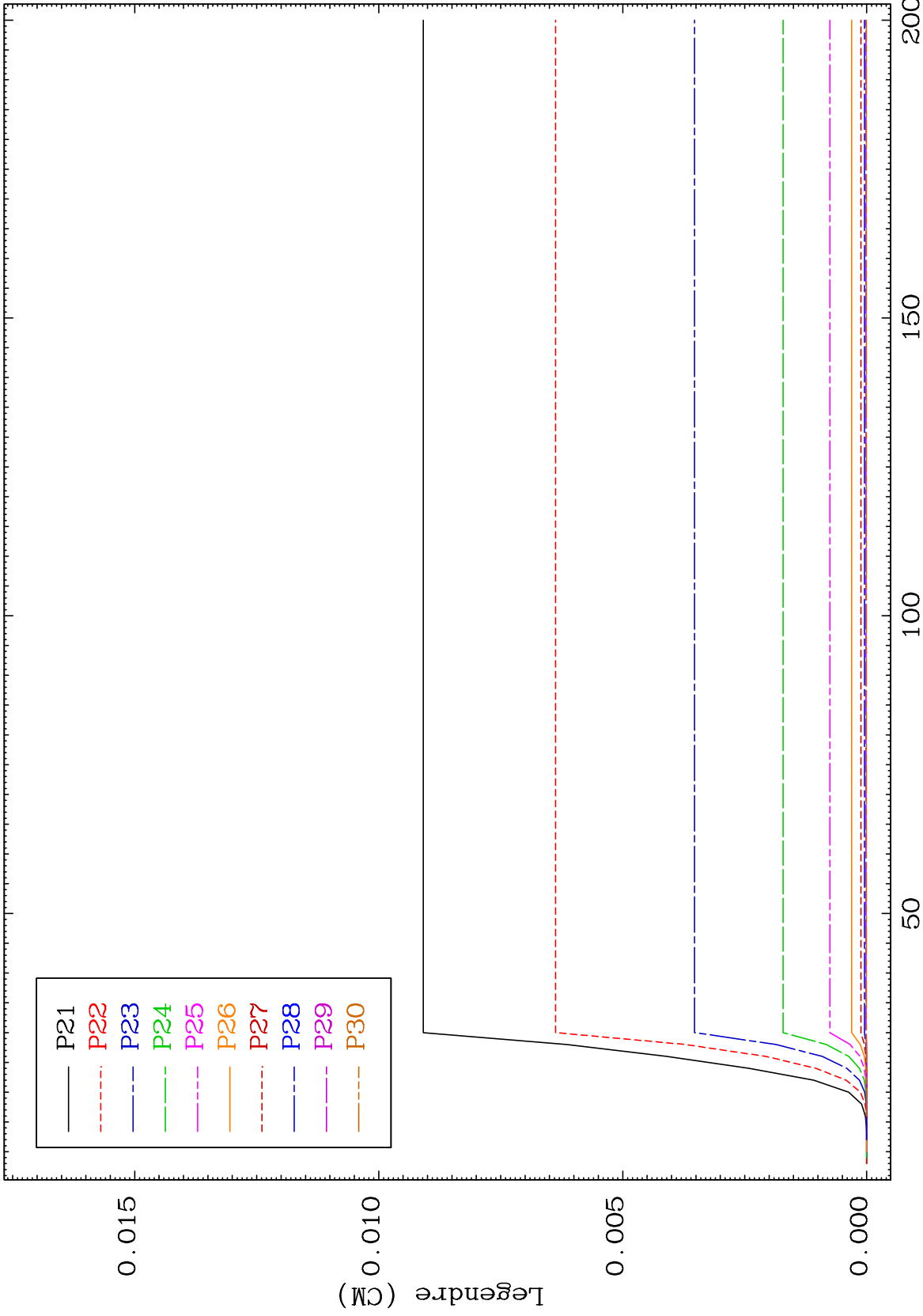
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



102

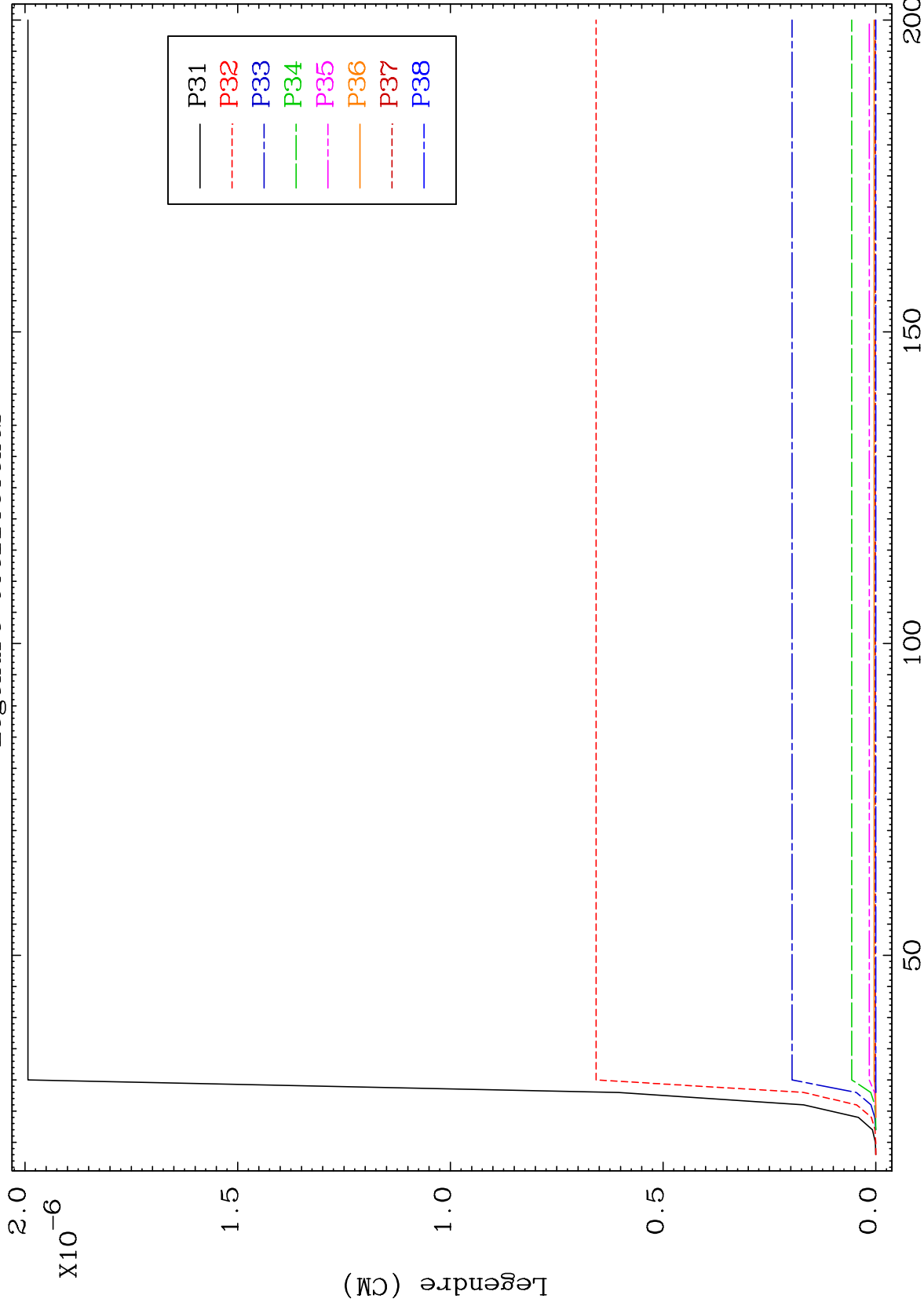
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



103

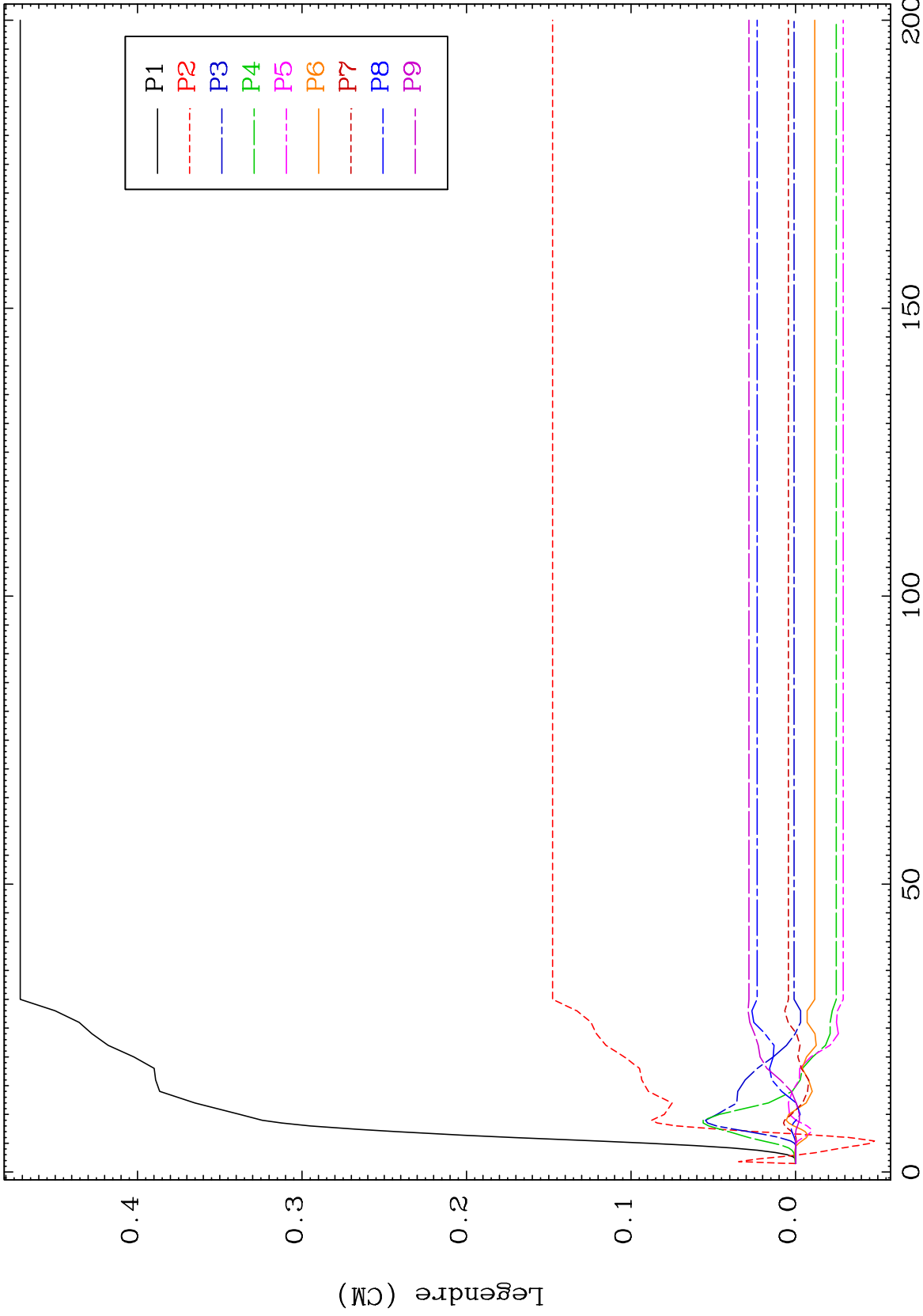
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



77-Ir-197

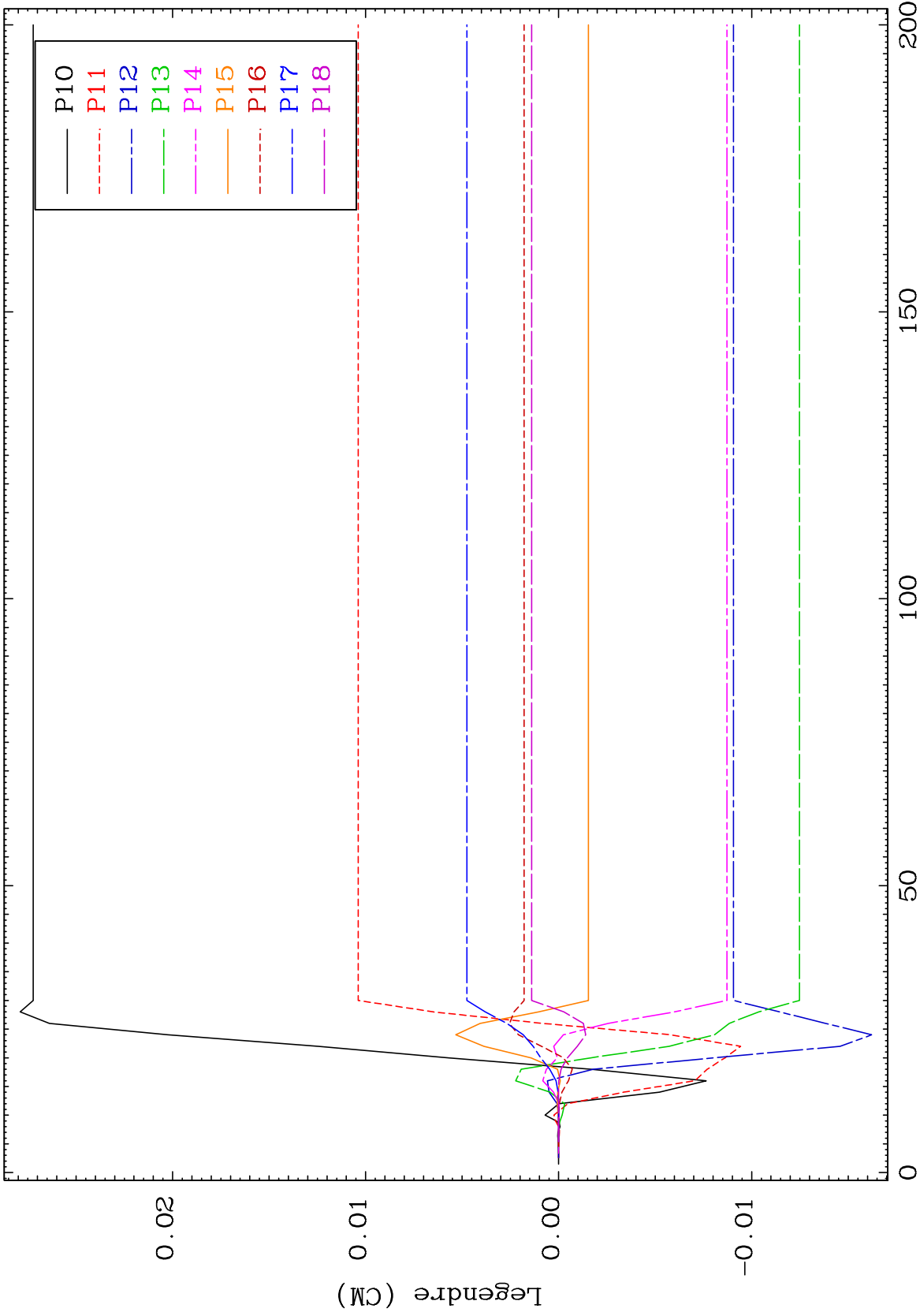
Incident Energy (MeV)

104

MAT 7743

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

77-Ir-197



105

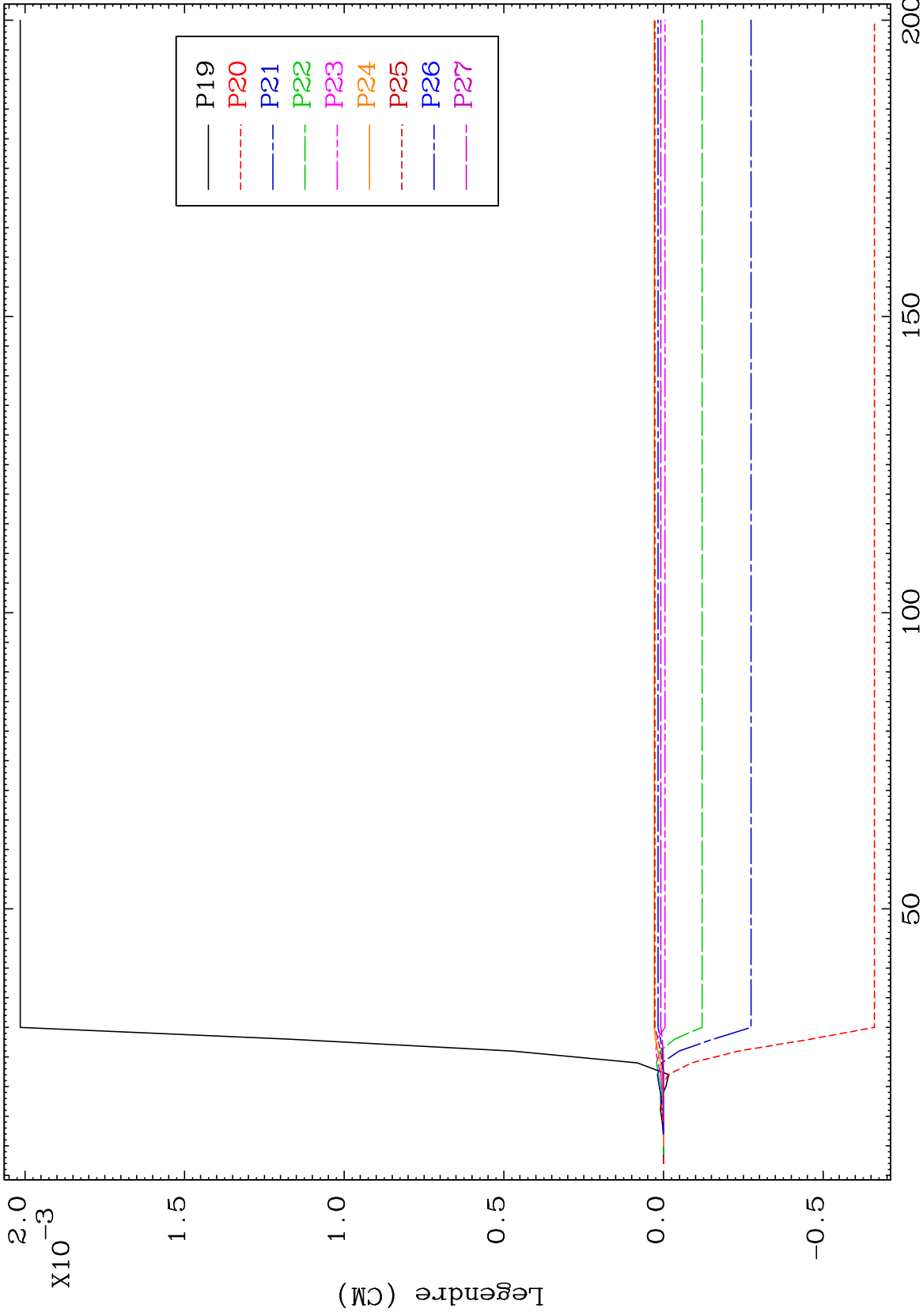
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



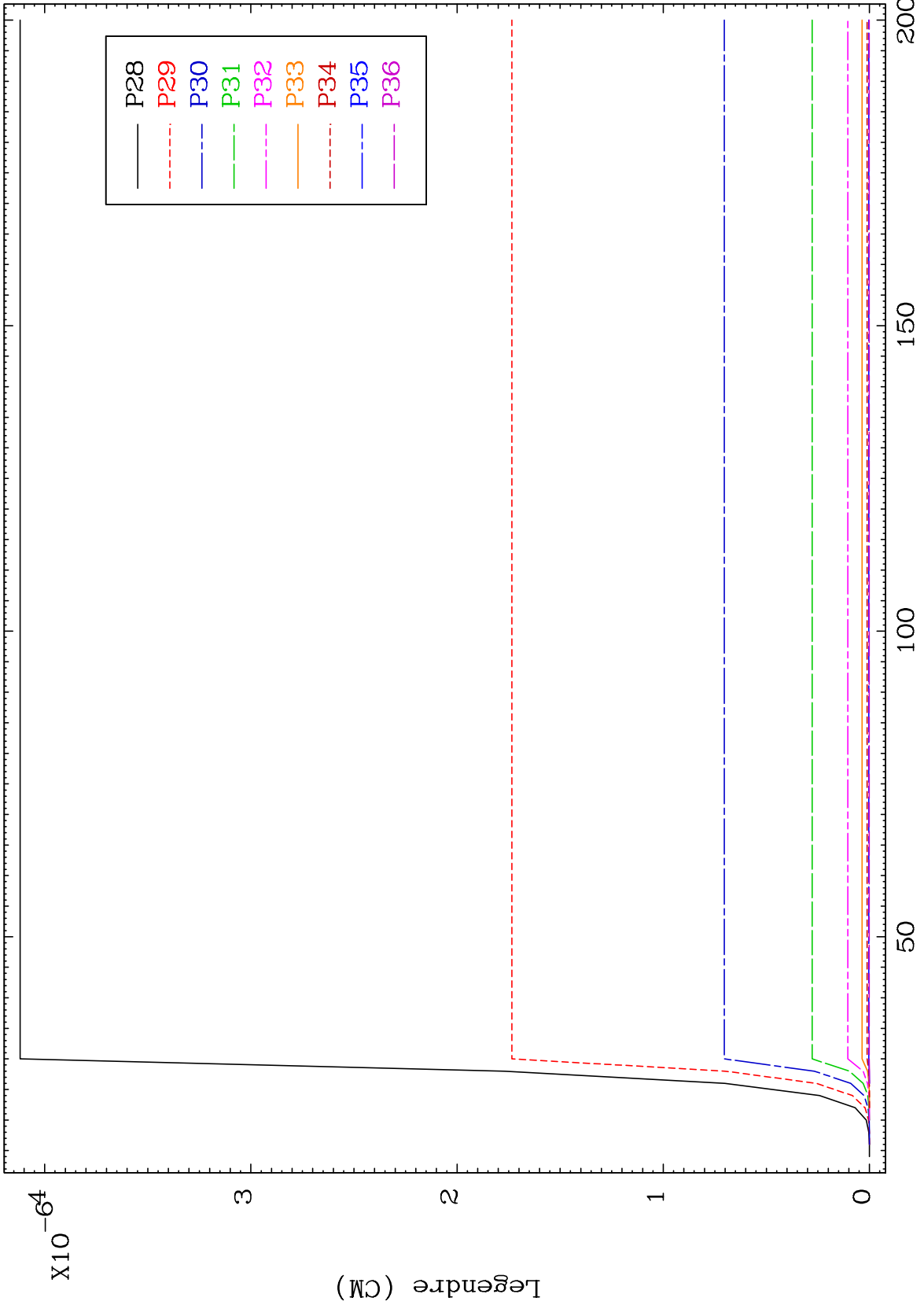
106

77-Ir-197

MAT 7743

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

77-Ir-197



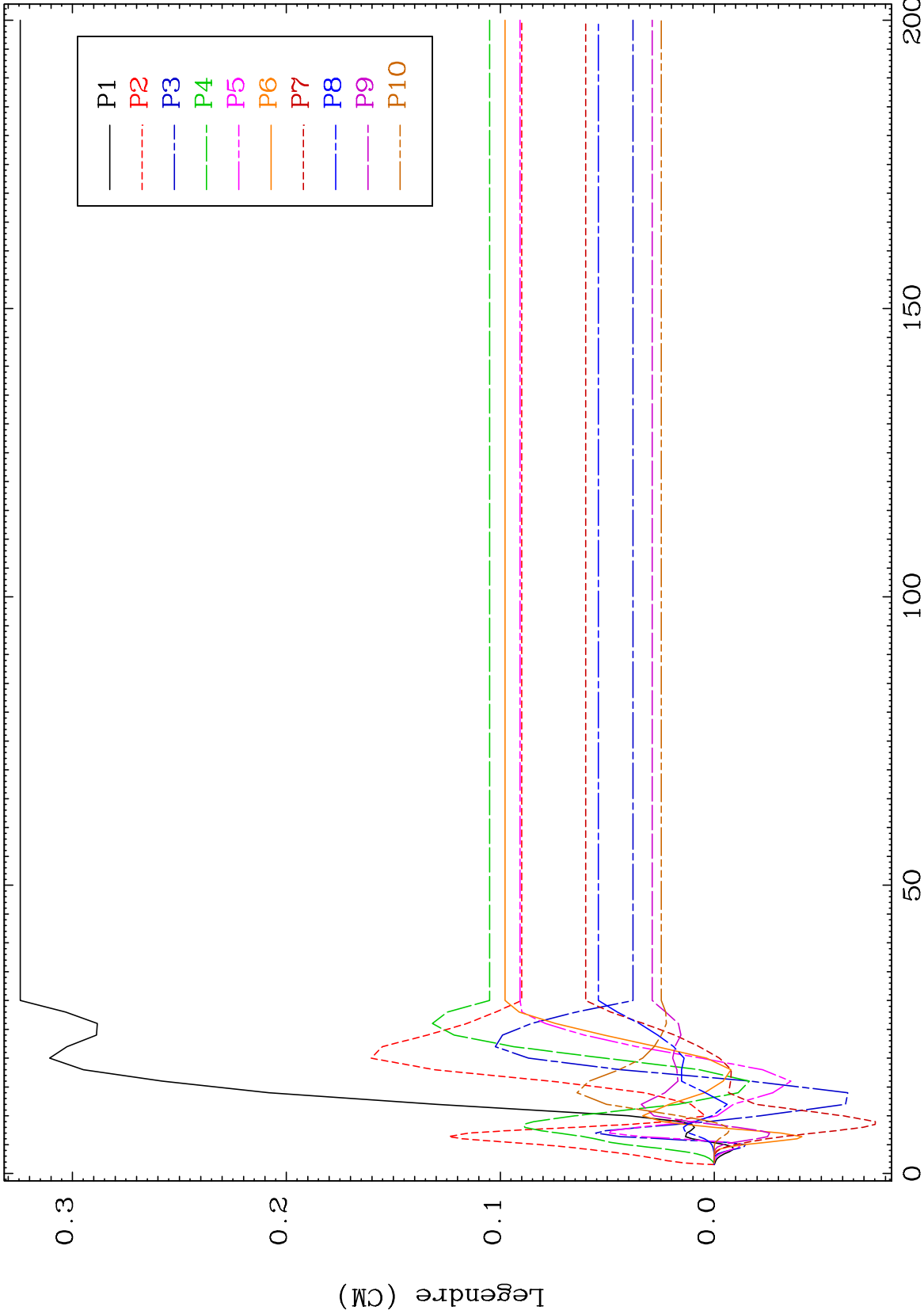
107

77-Ir-197

MAT 7743

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

77-Ir-197



108

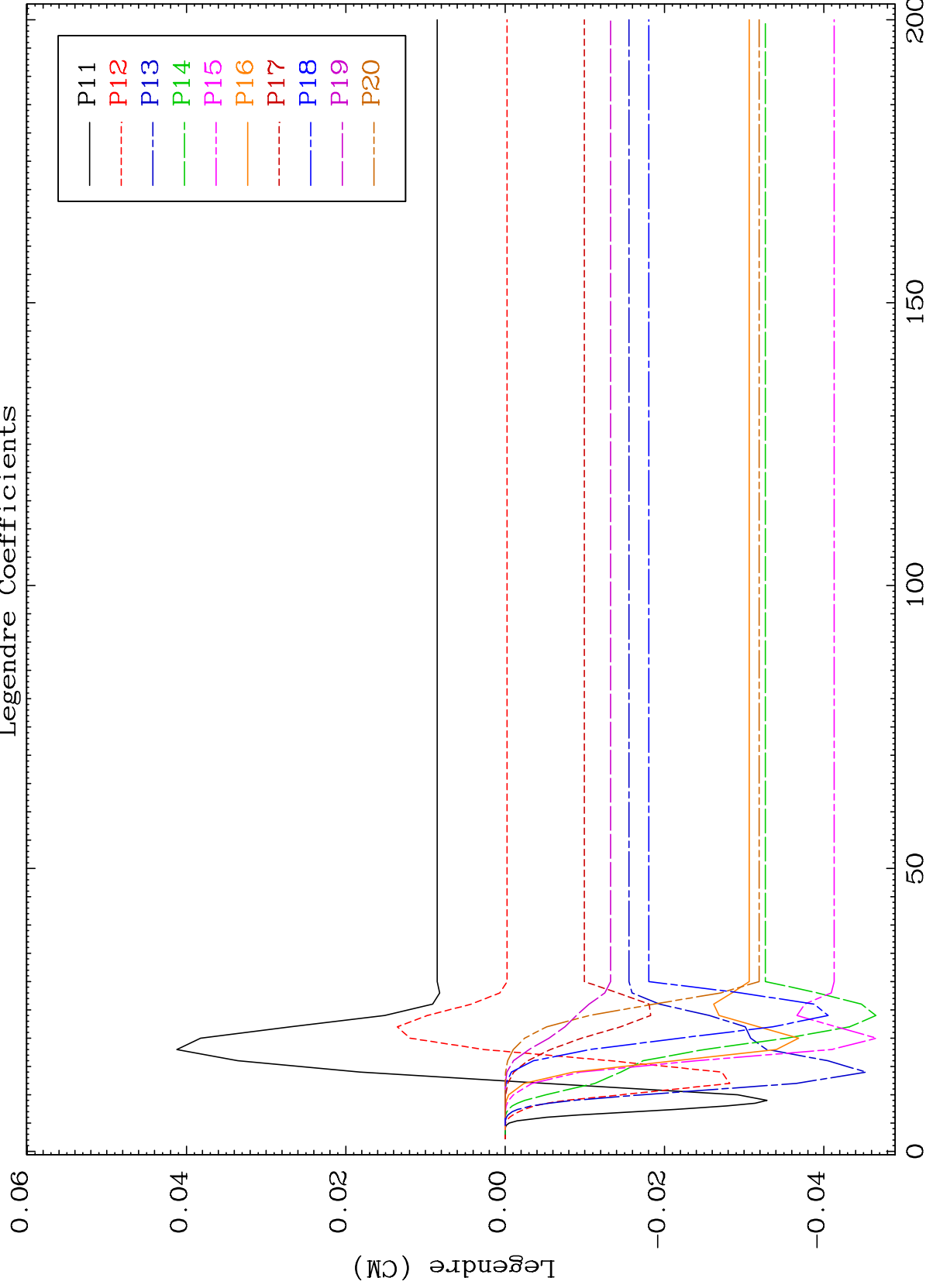
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



109

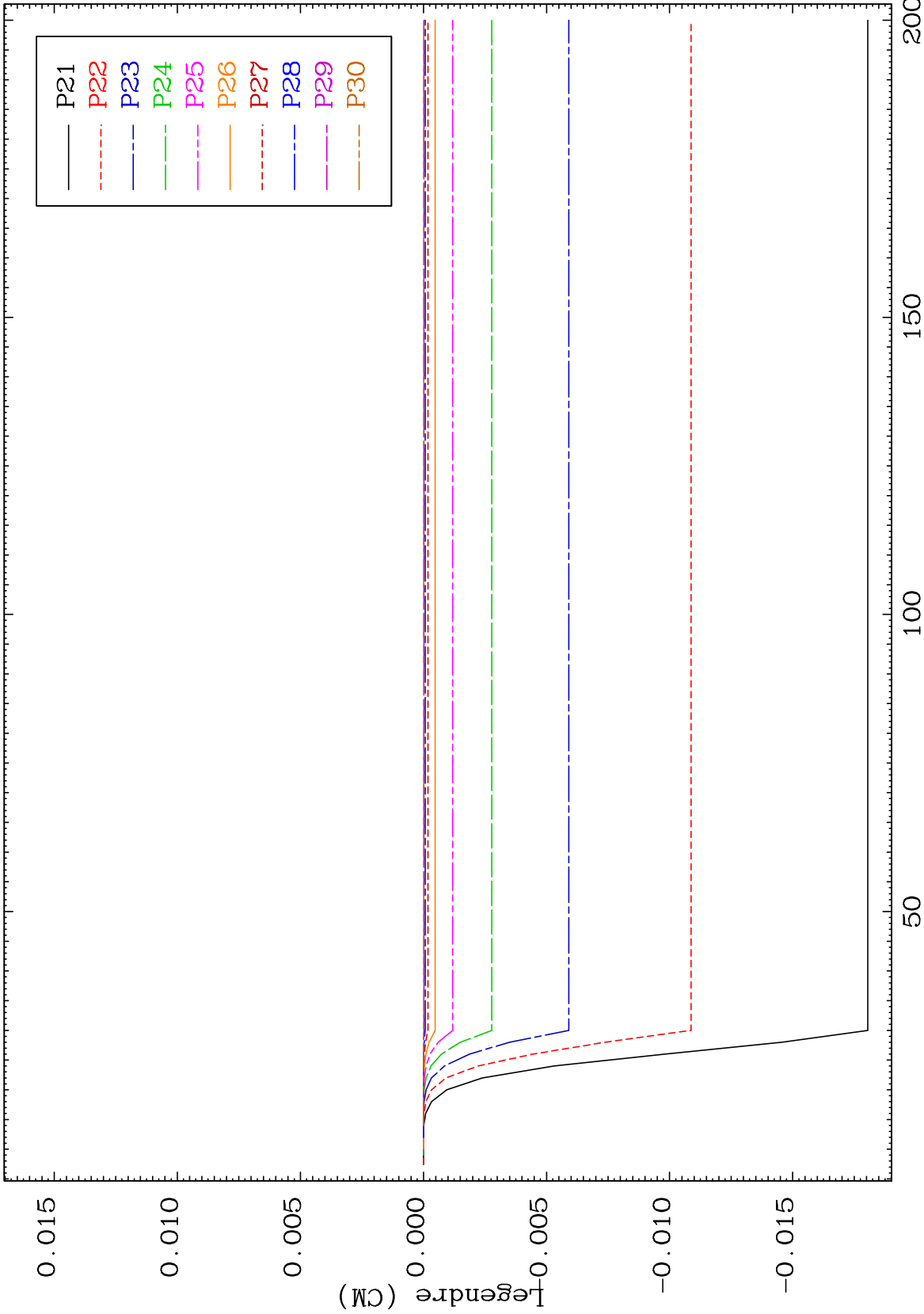
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



110

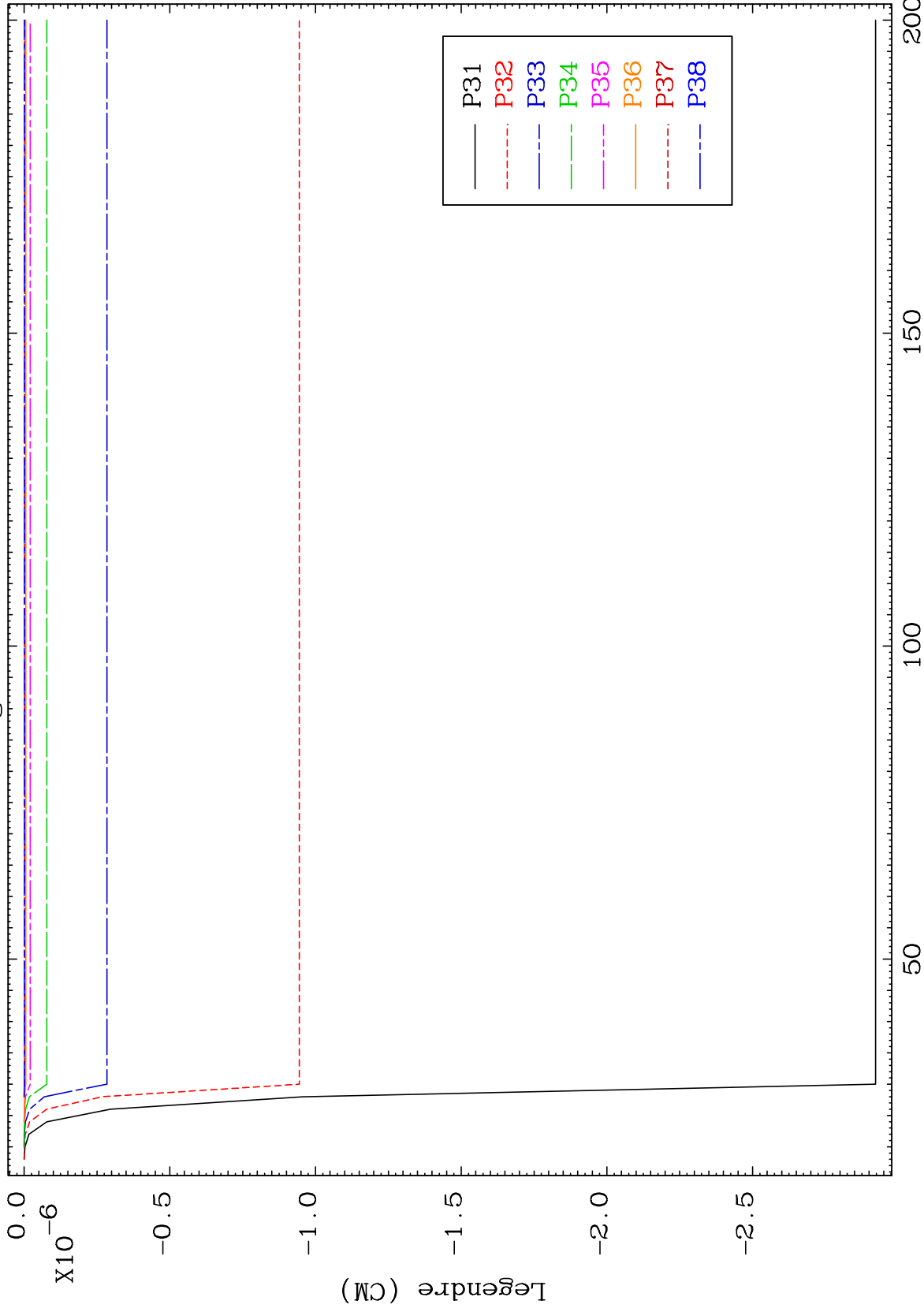
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



111

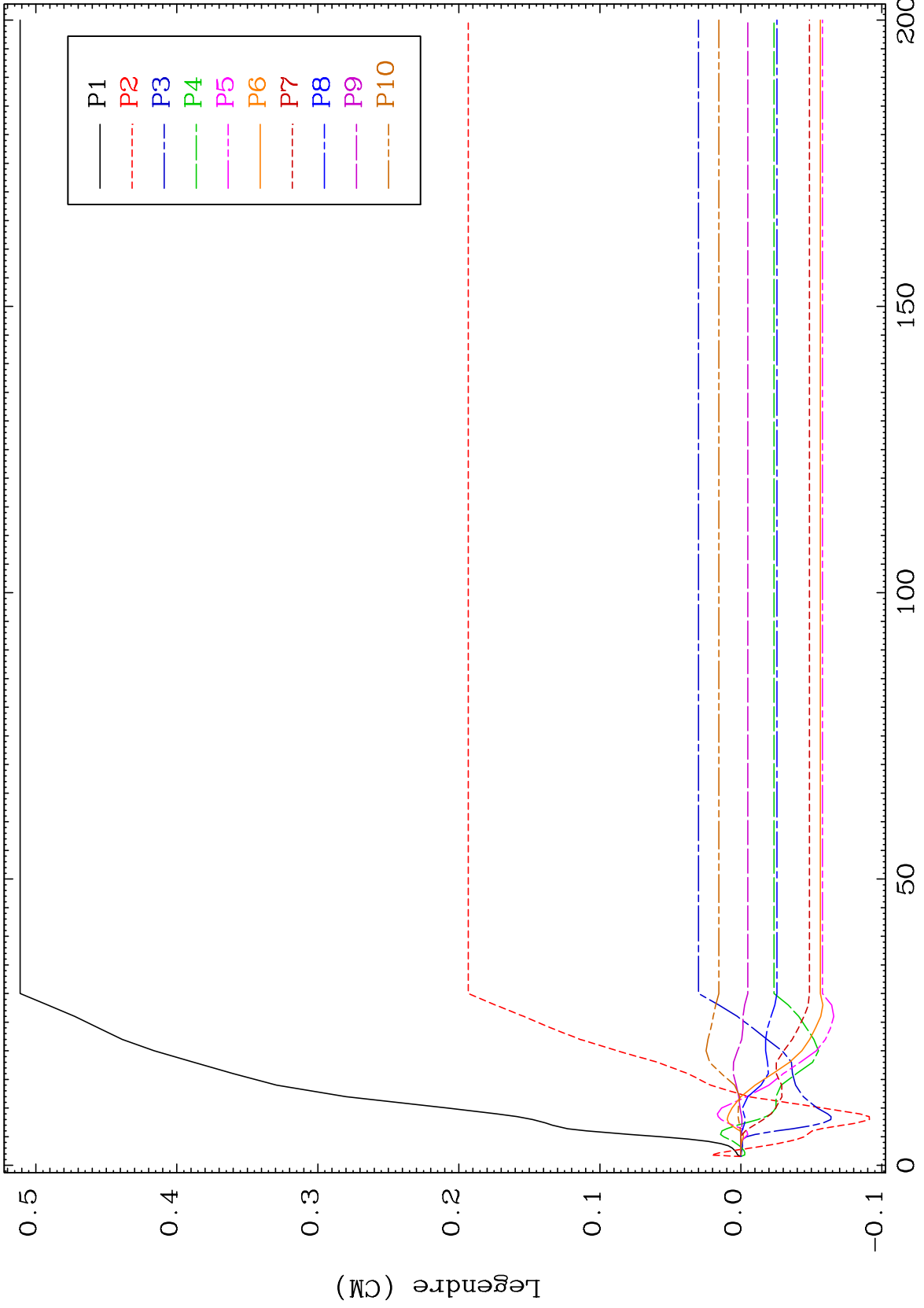
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



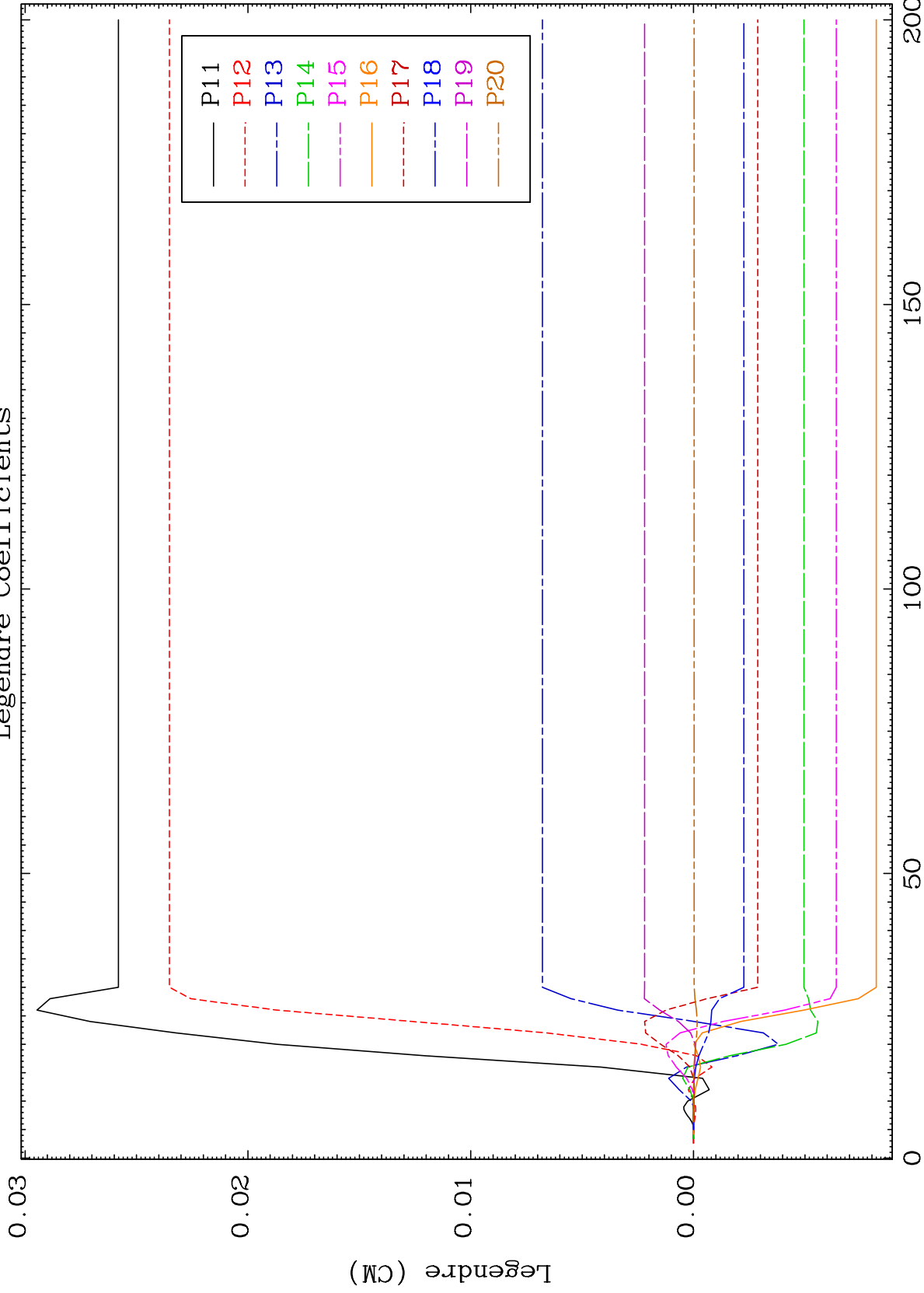
112

77-Ir-197

MAT 7743

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

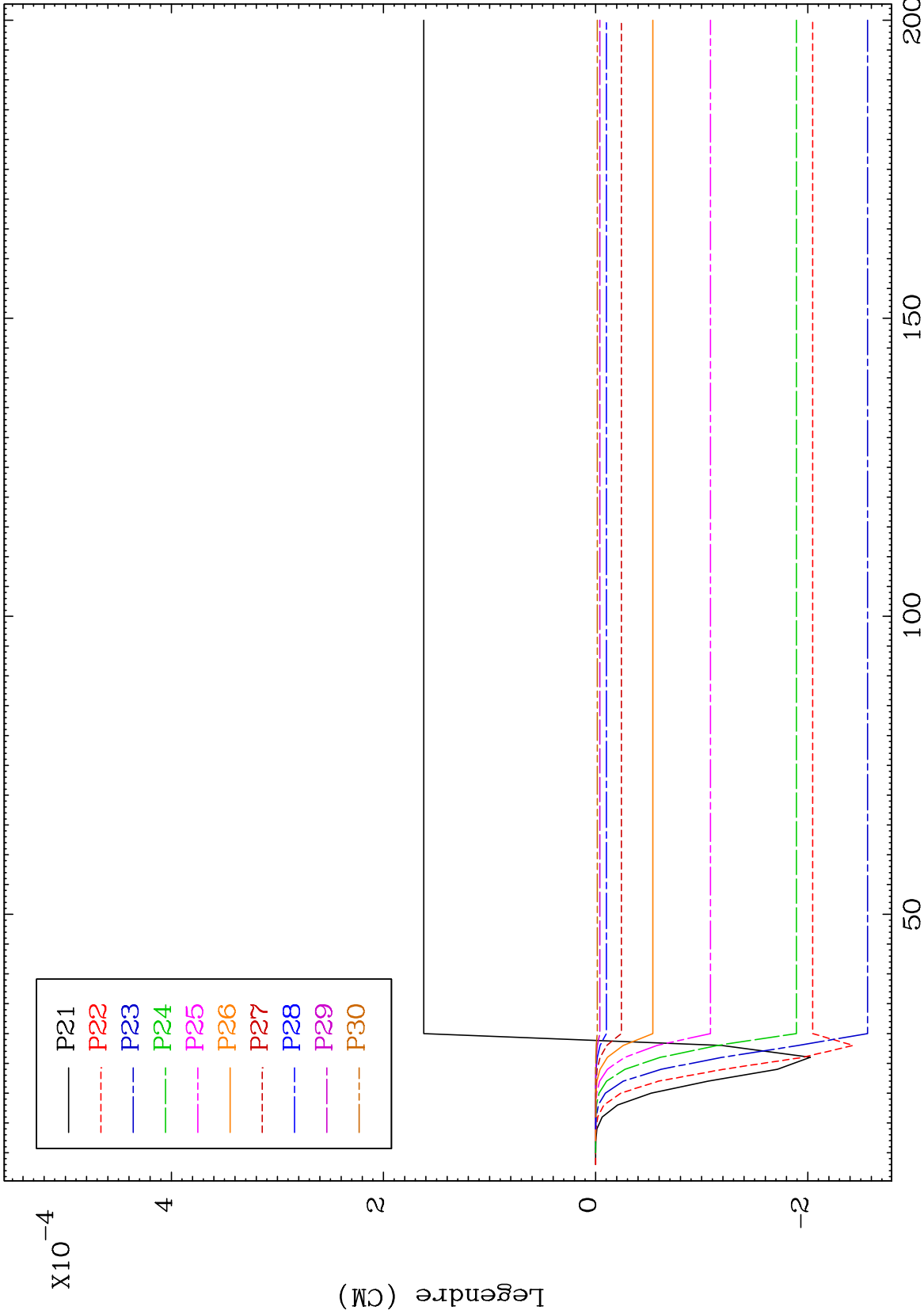
77-Ir-197



113

Incident Energy (MeV)

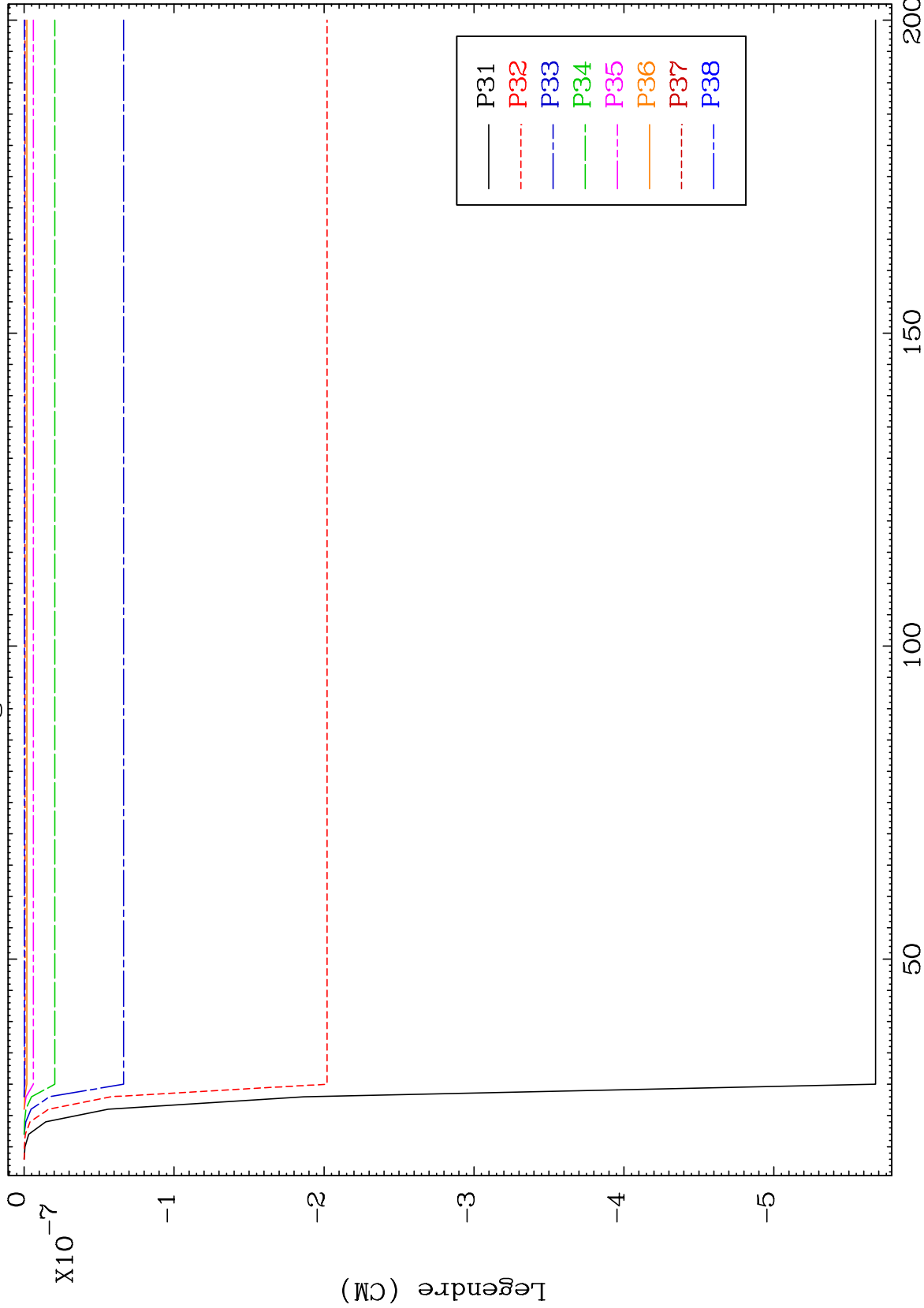
77-Ir-197



MAT 7743

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

77-Ir-197



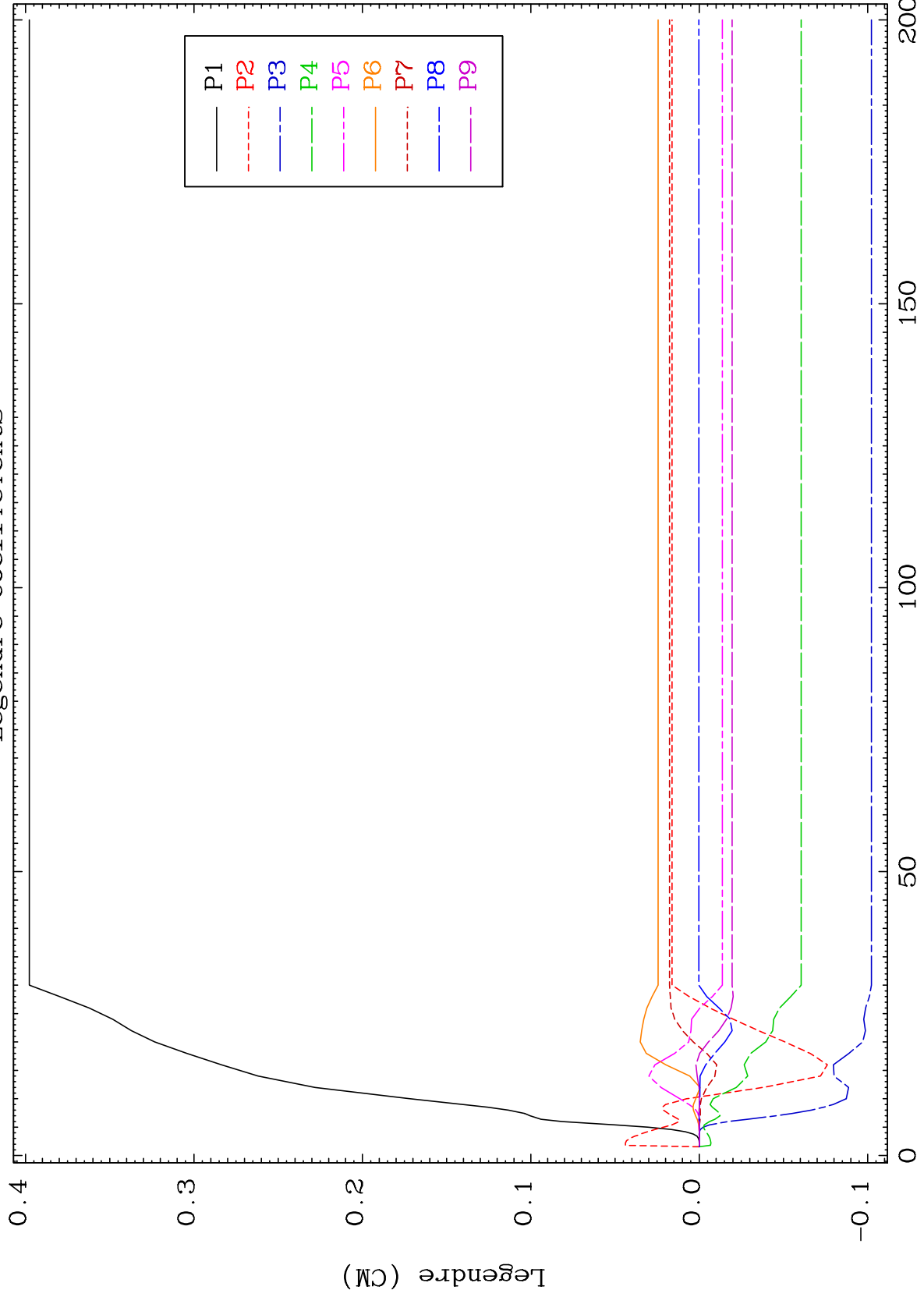
115

77-Ir-197

MAT 7743

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

77-Ir-197



116

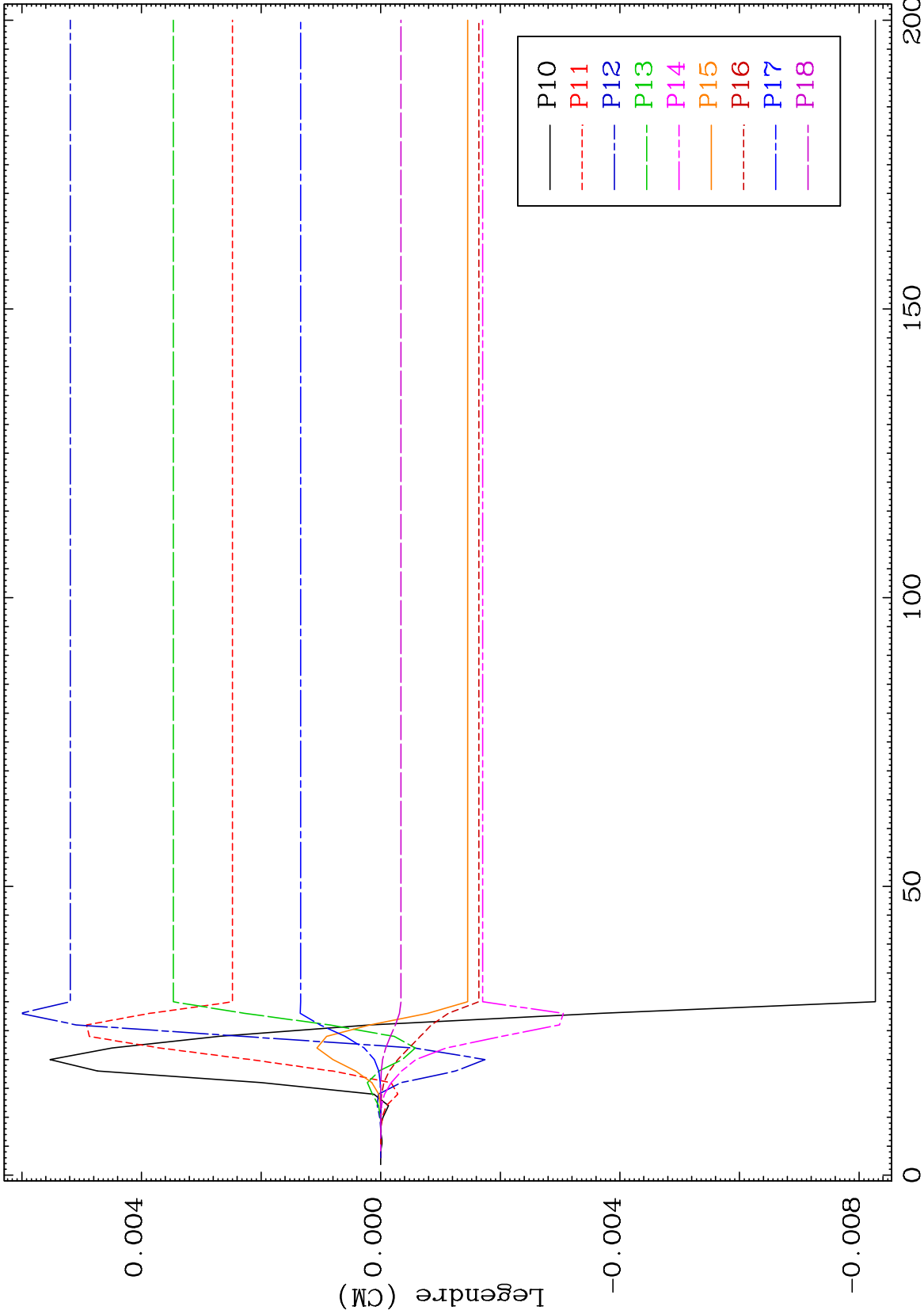
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



117

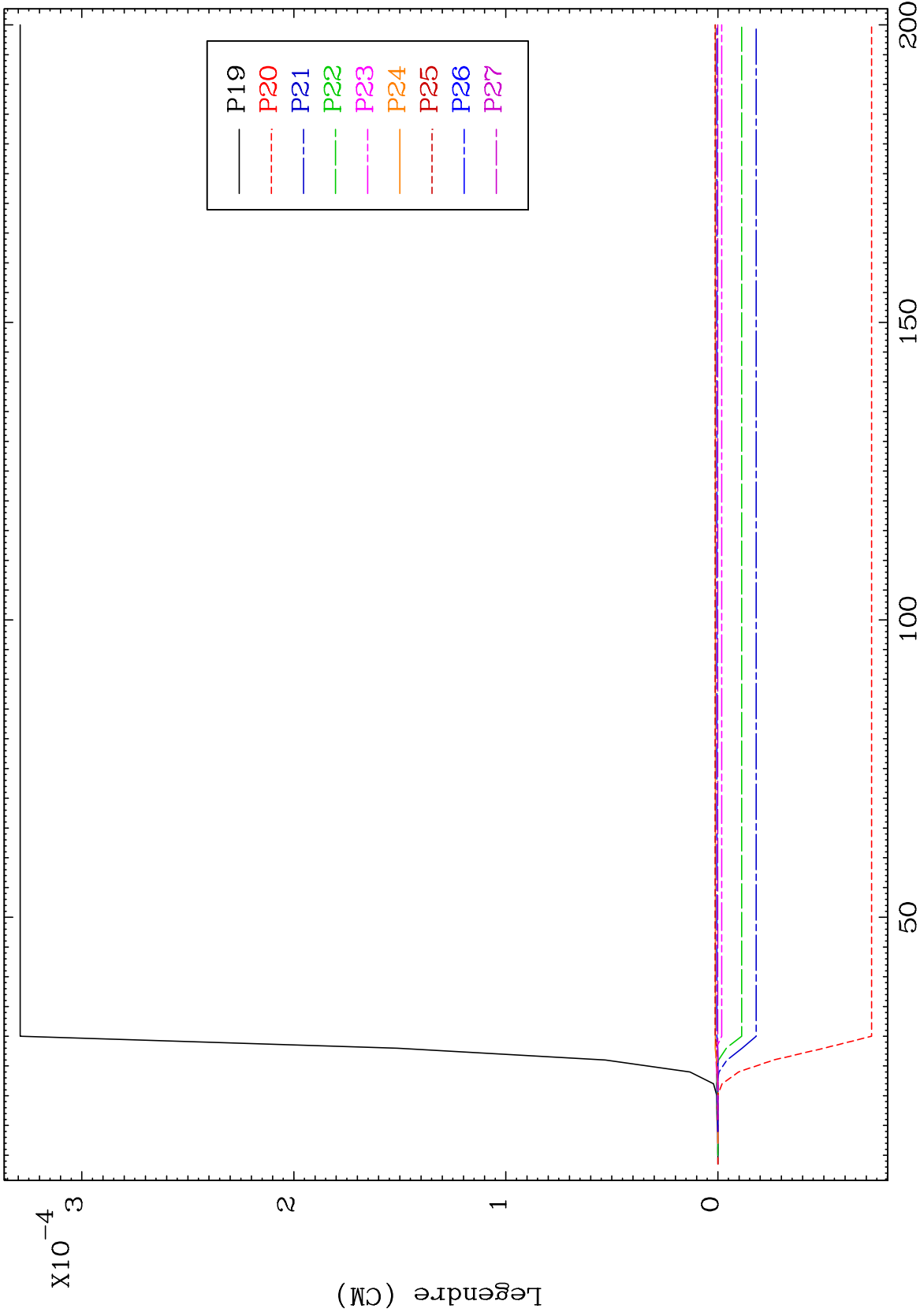
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



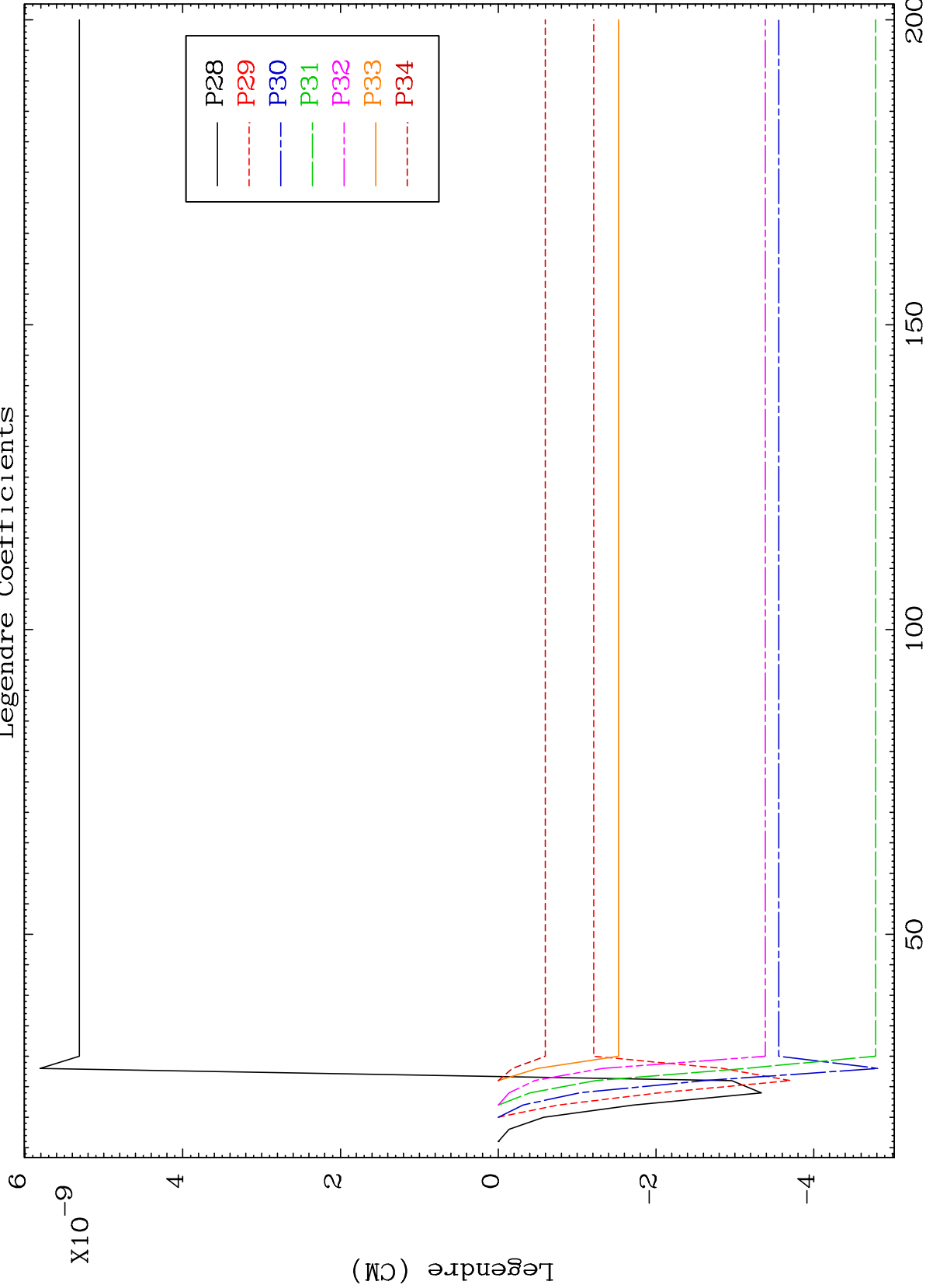
118

77-Ir-197

MAT 7743

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

77-Ir-197



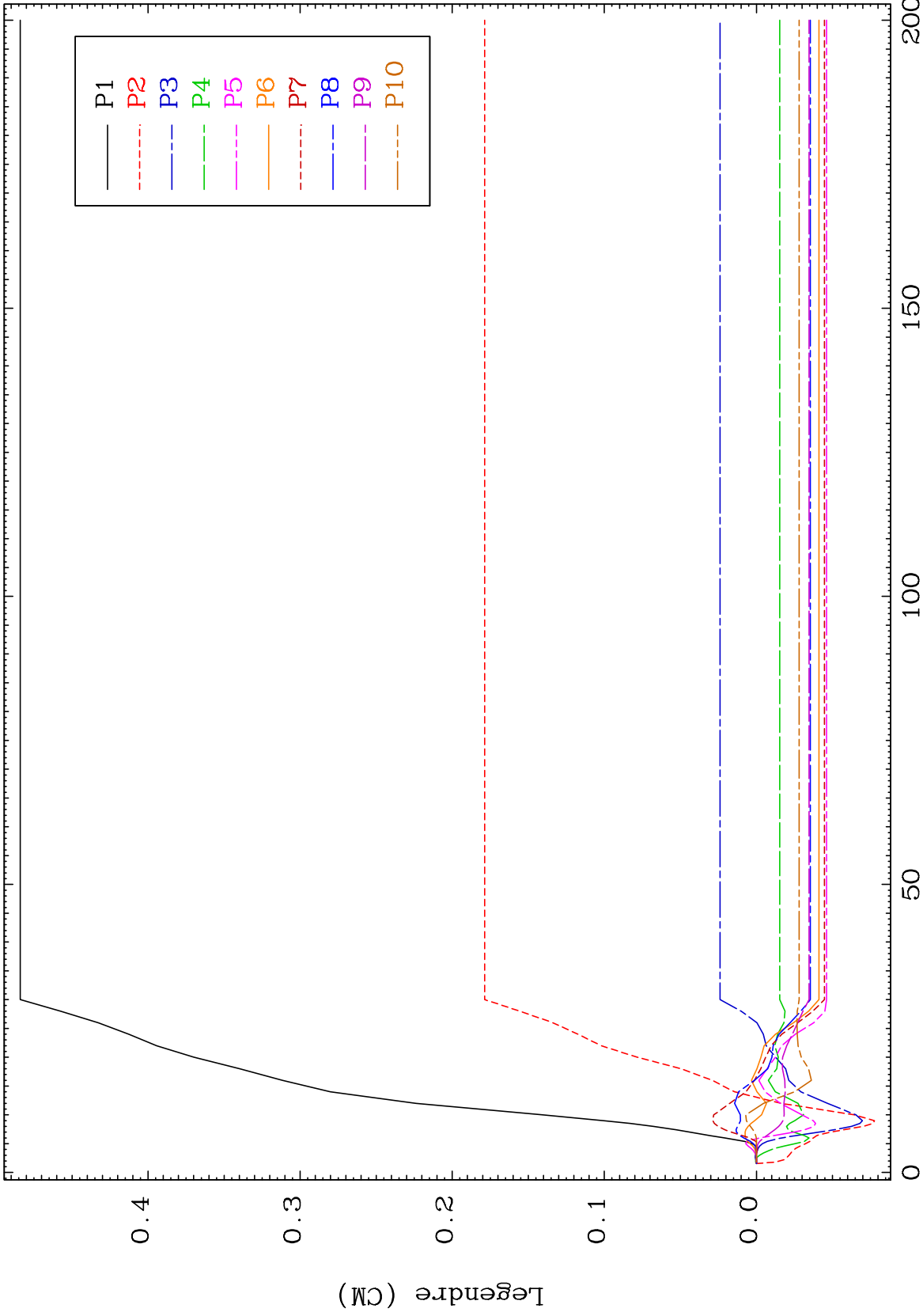
119

77-Ir-197

MAT 7743

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

77-Ir-197



77-Ir-197

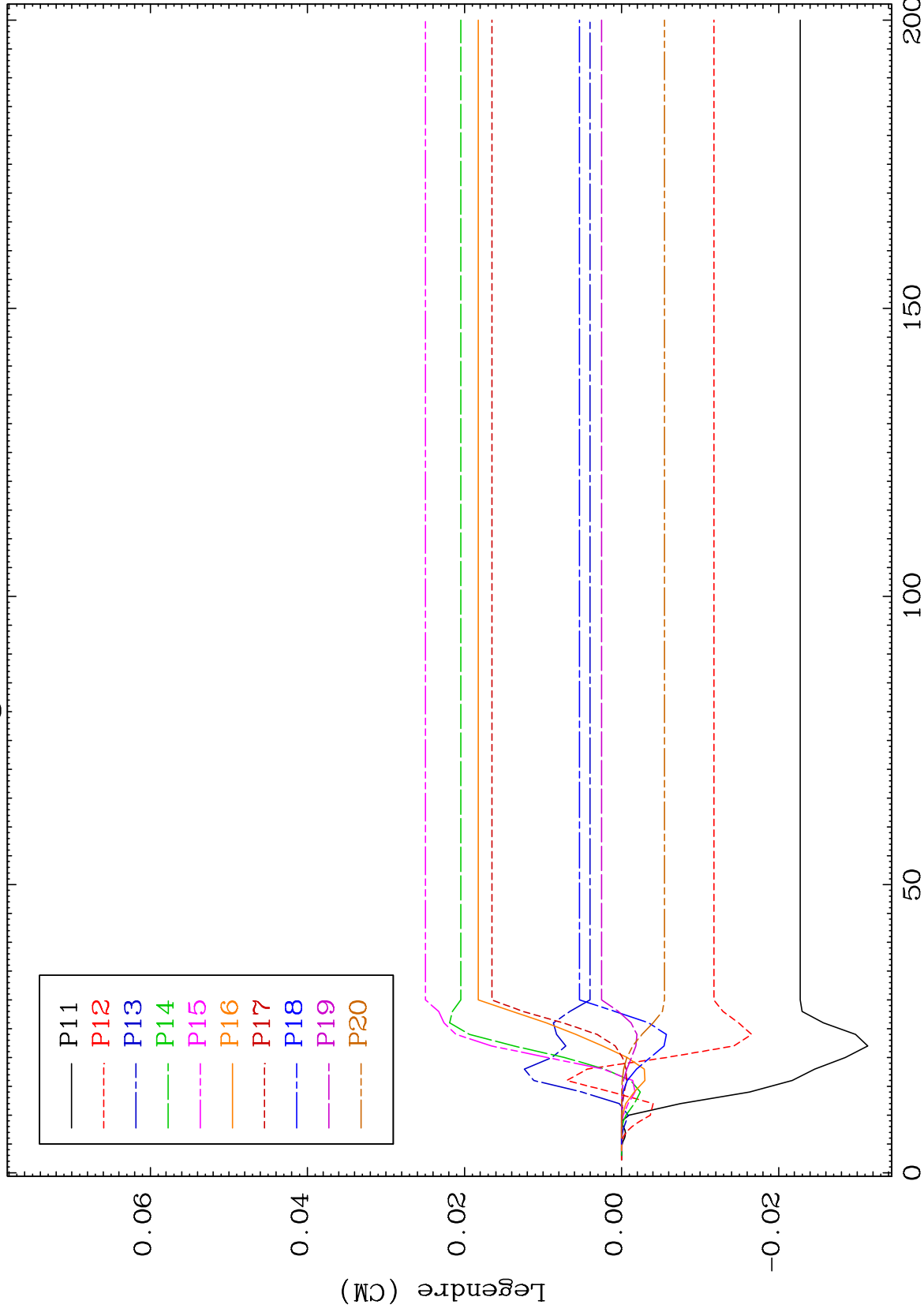
Incident Energy (MeV)

120

MAT 7743

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

77-Ir-197



121

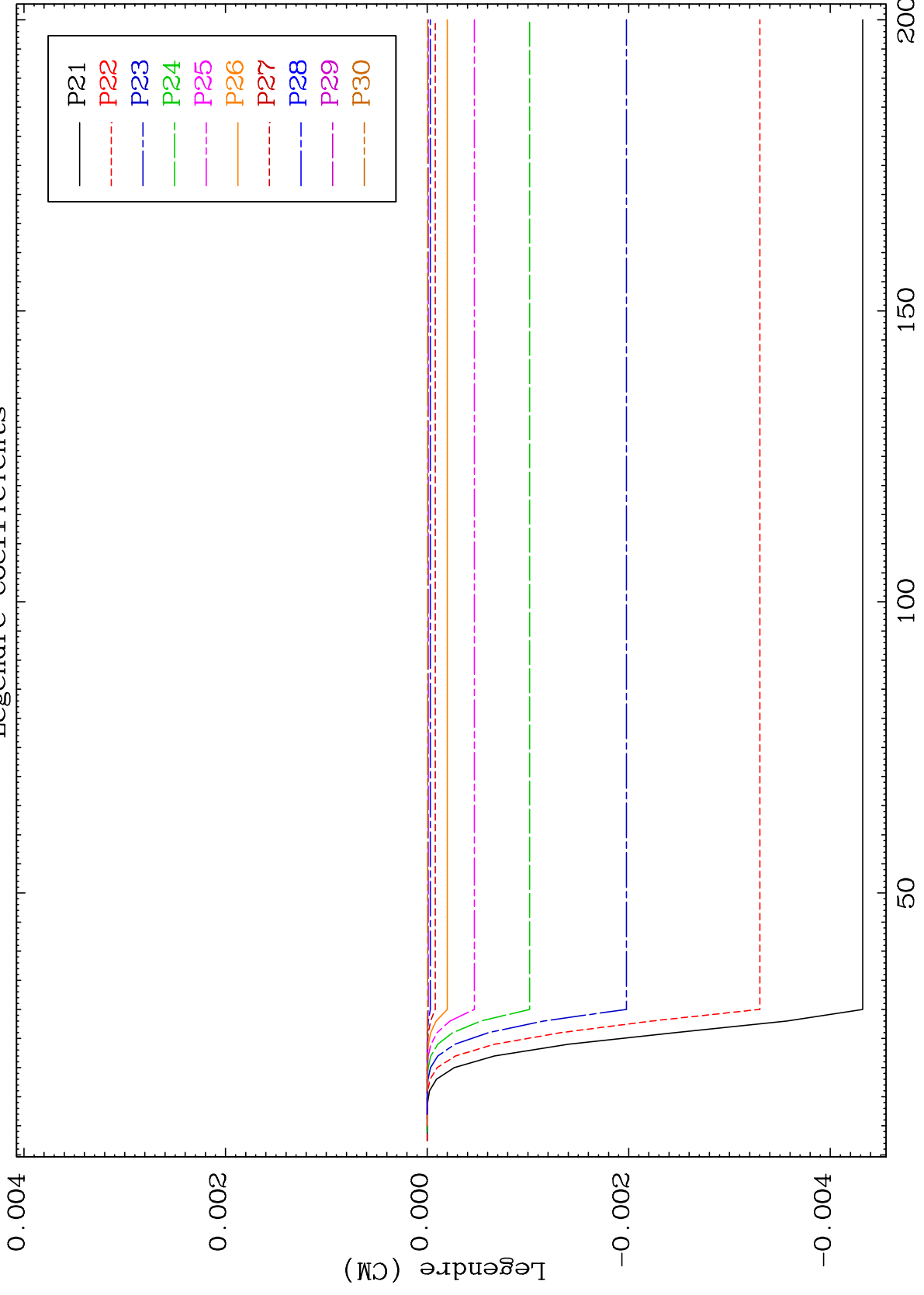
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



122

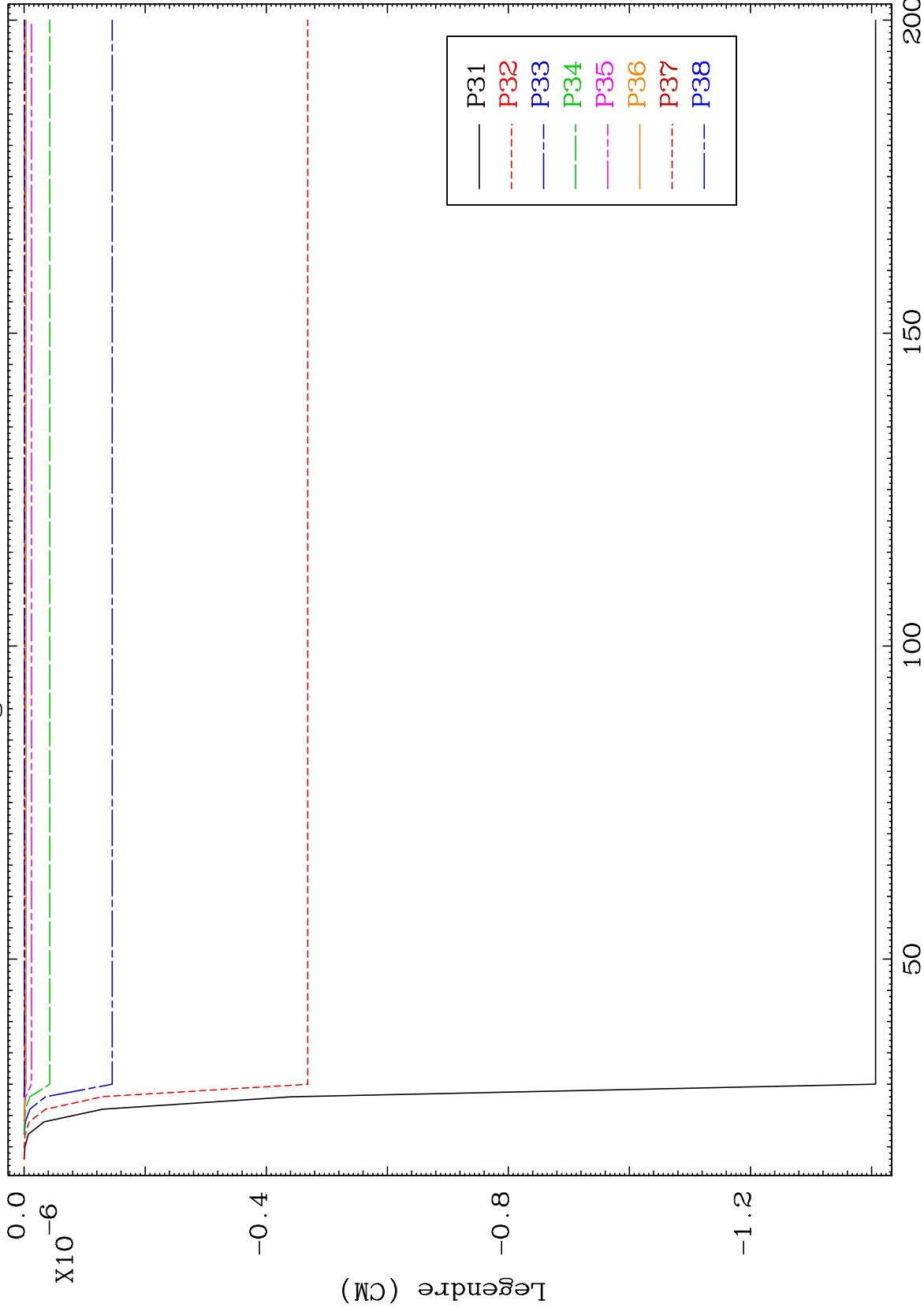
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



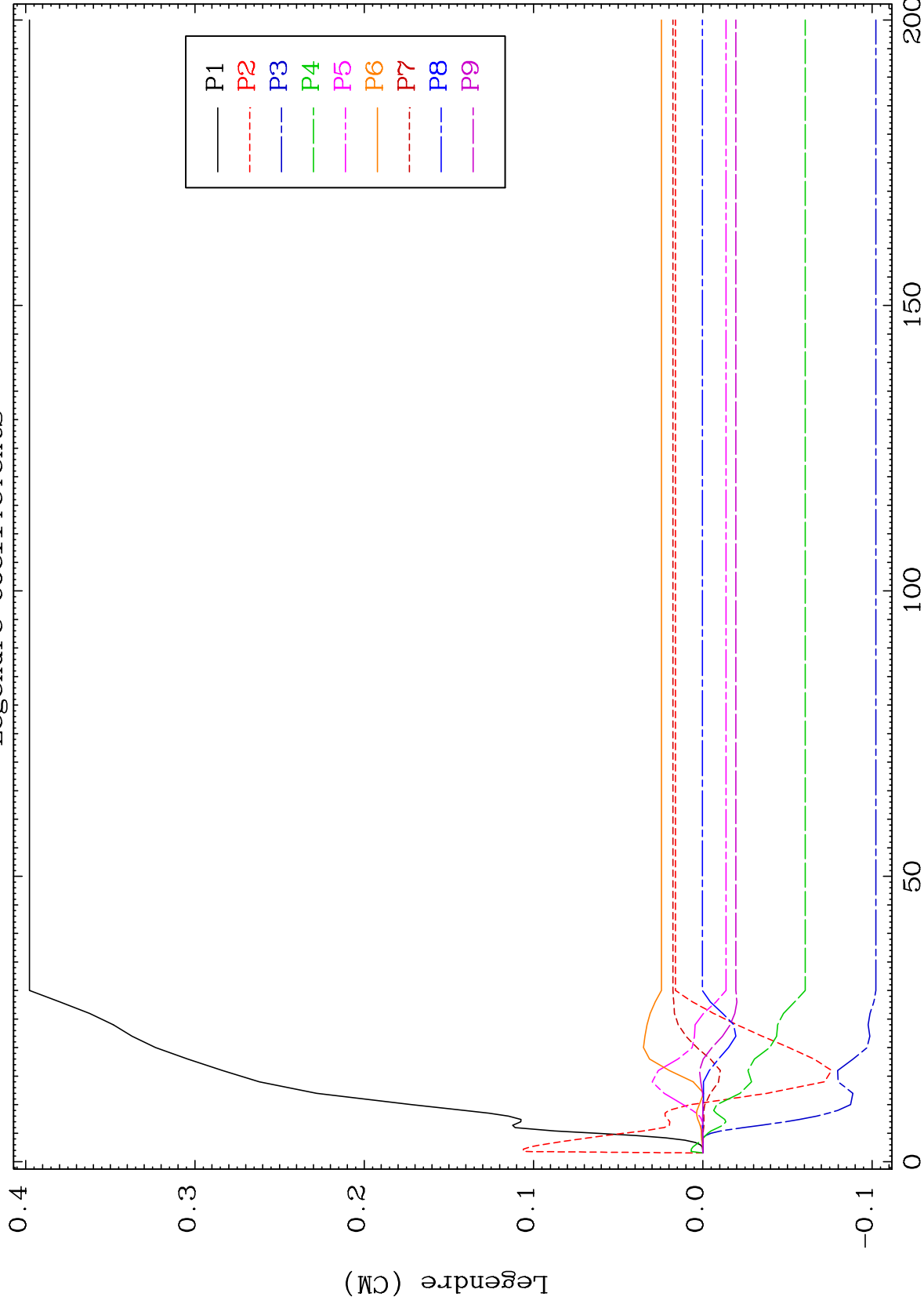
123

77-Ir-197

MAT 7743

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

77-Ir-197



124

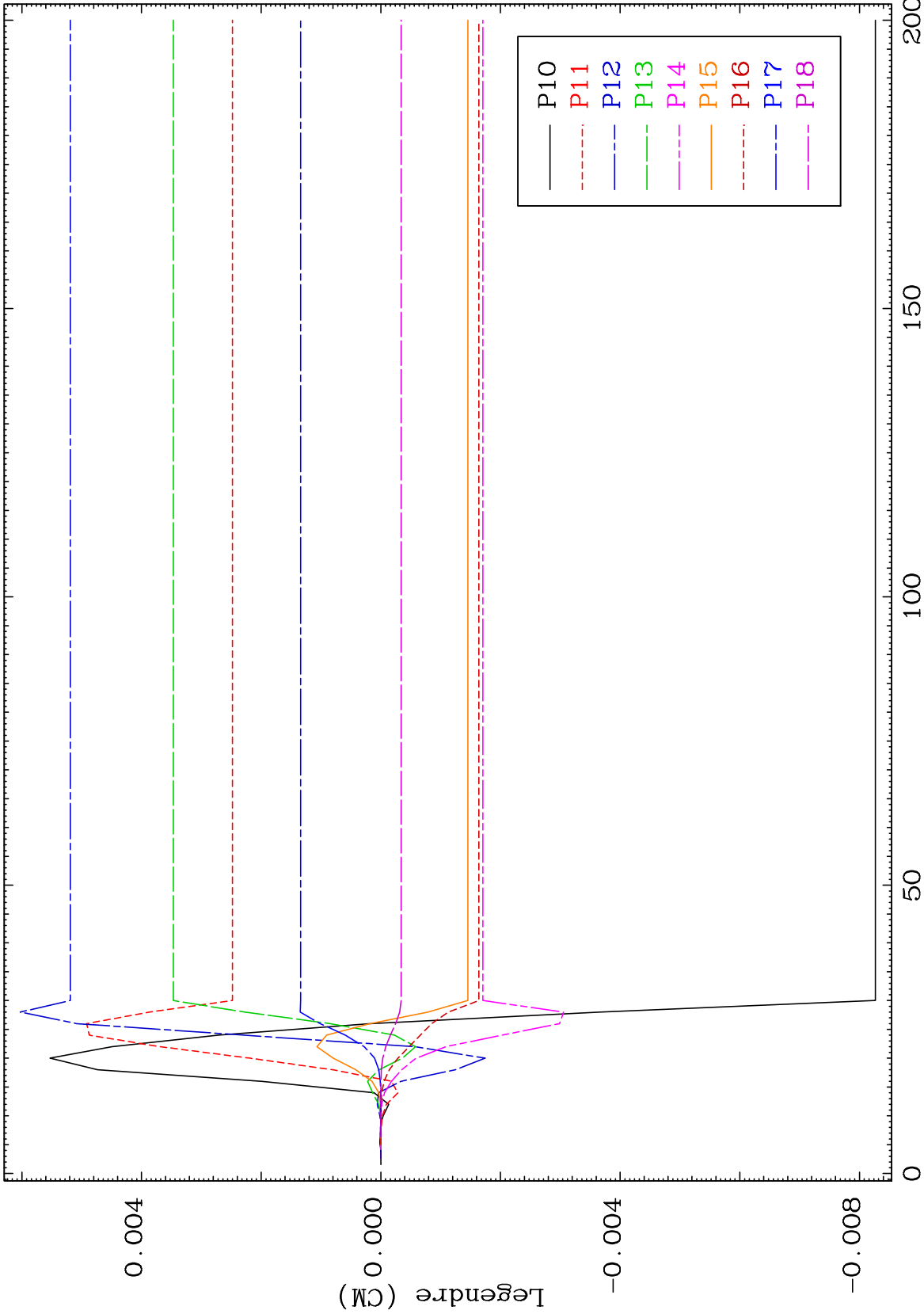
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



125

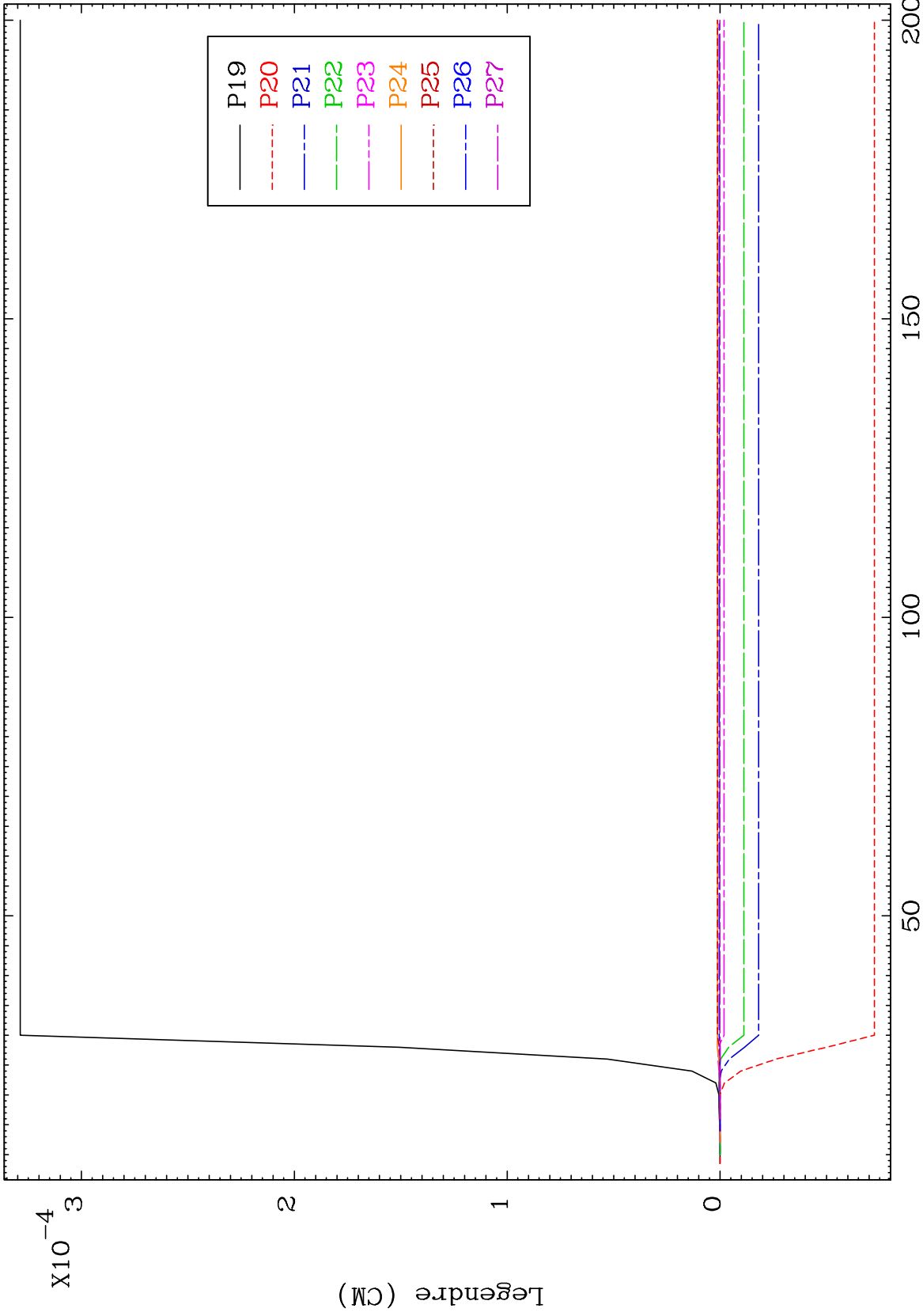
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



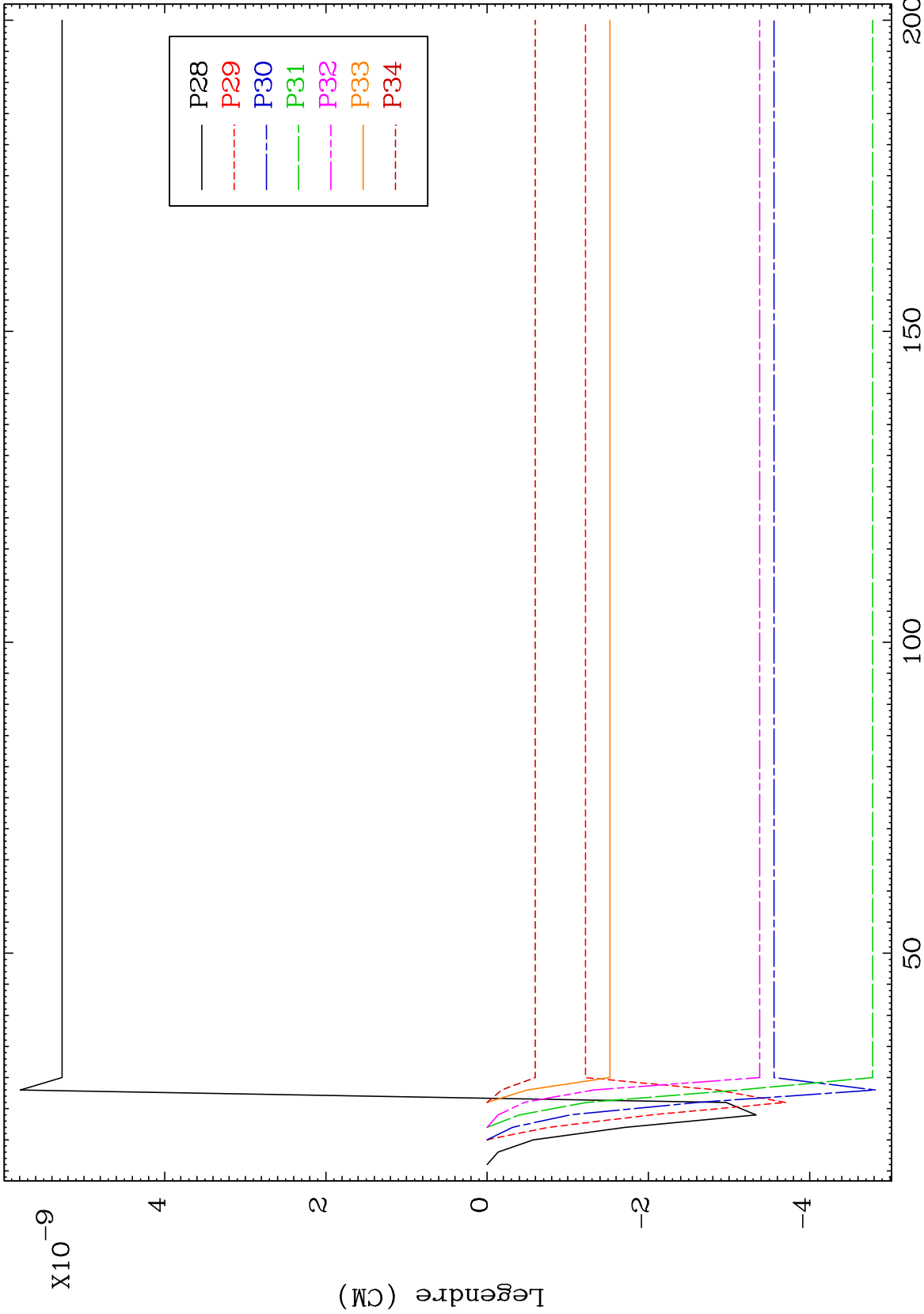
126

77-Ir-197

MAT 7743

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

77-Ir-197



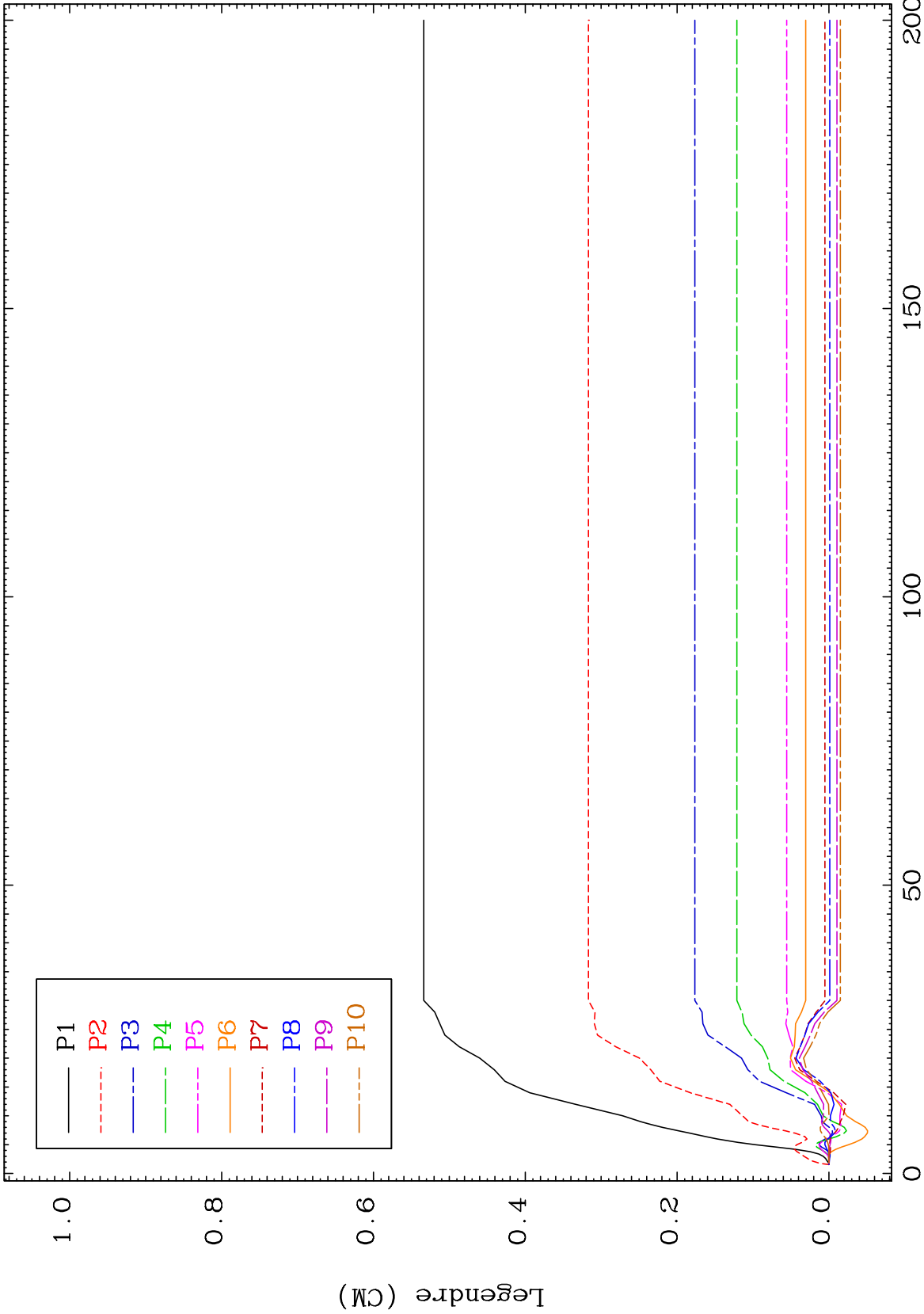
127

77-Ir-197

MAT 7743

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

77-Ir-197



128

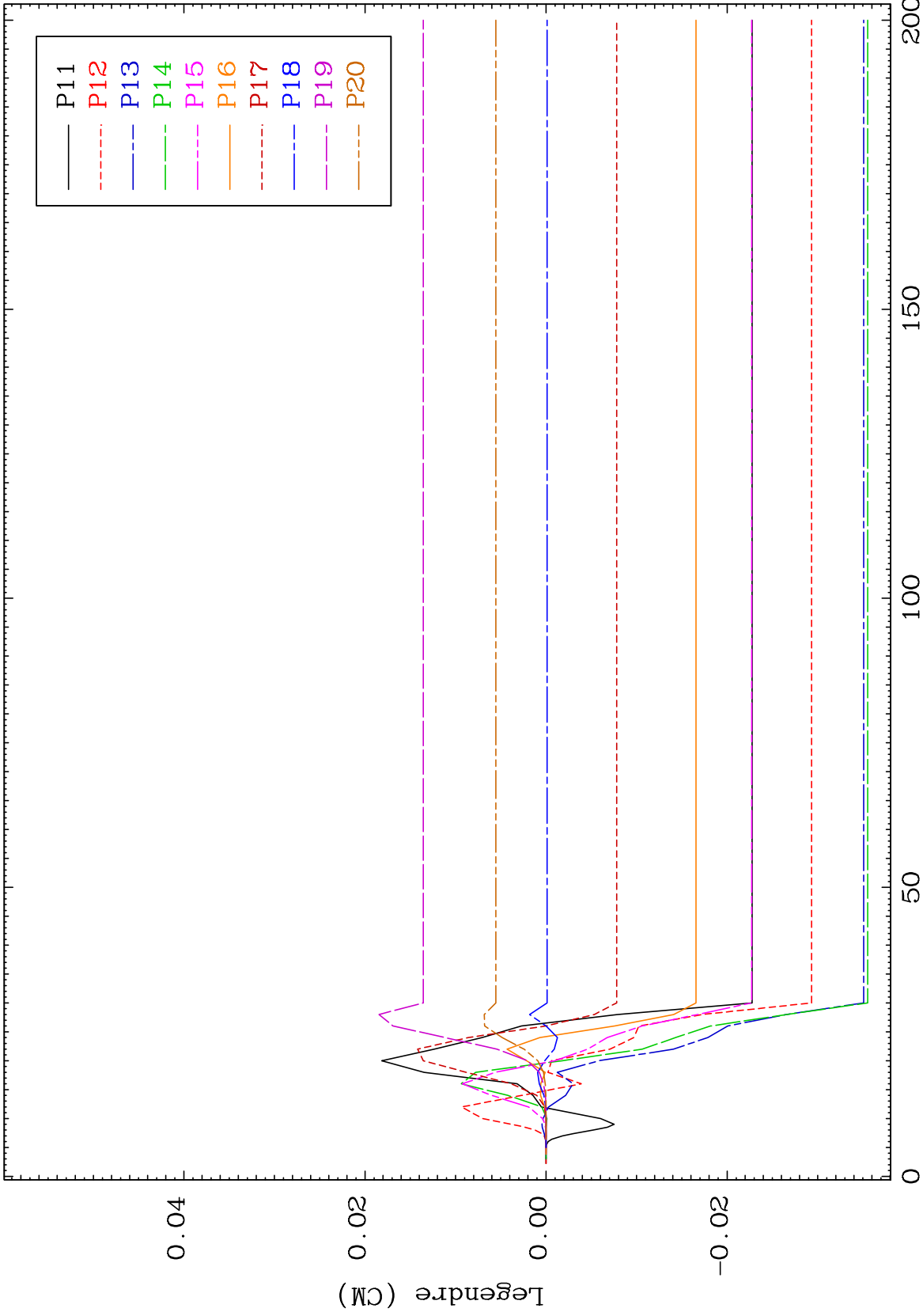
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



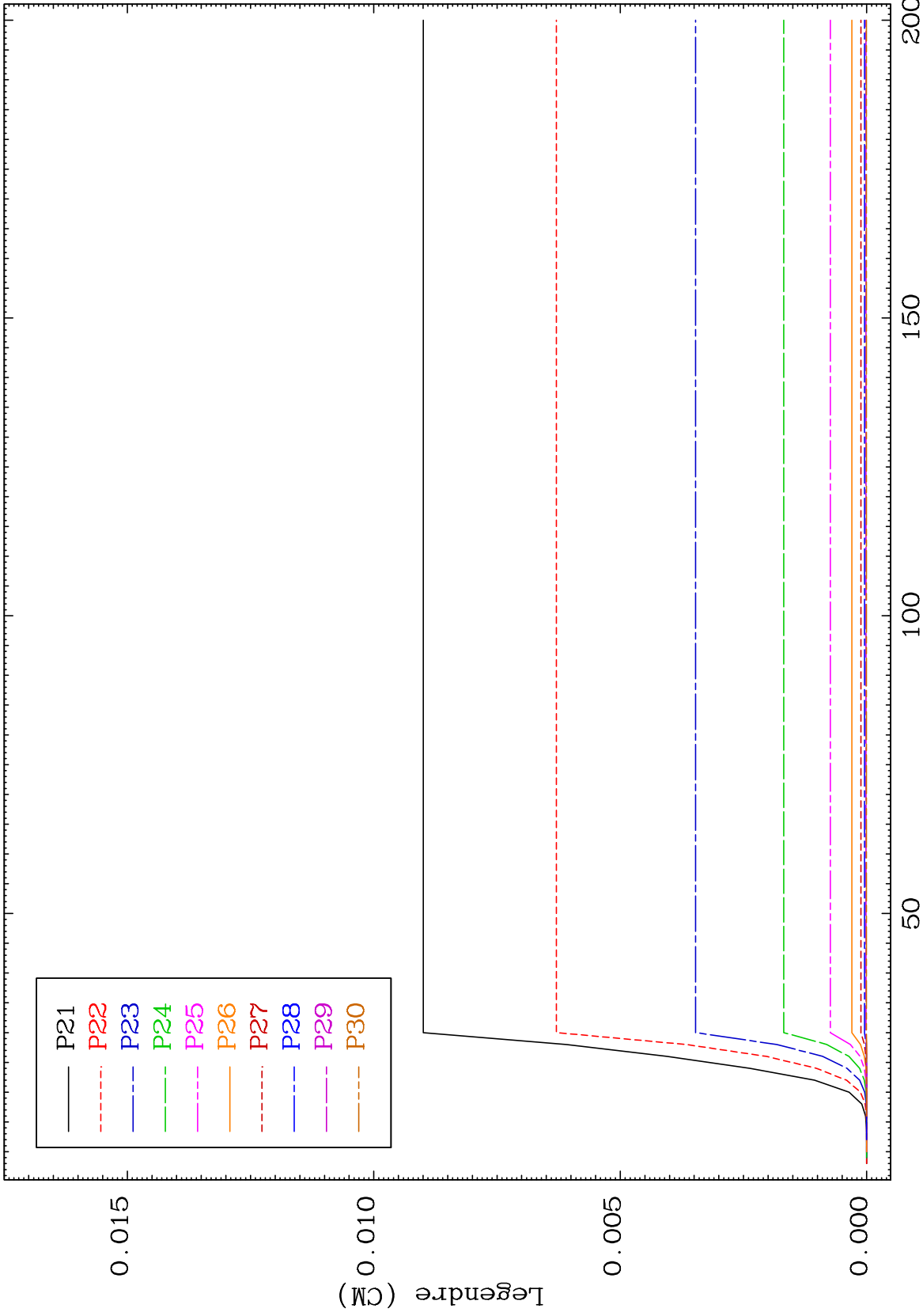
129

77-Ir-197

MAT 7743

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

77-Ir-197



130

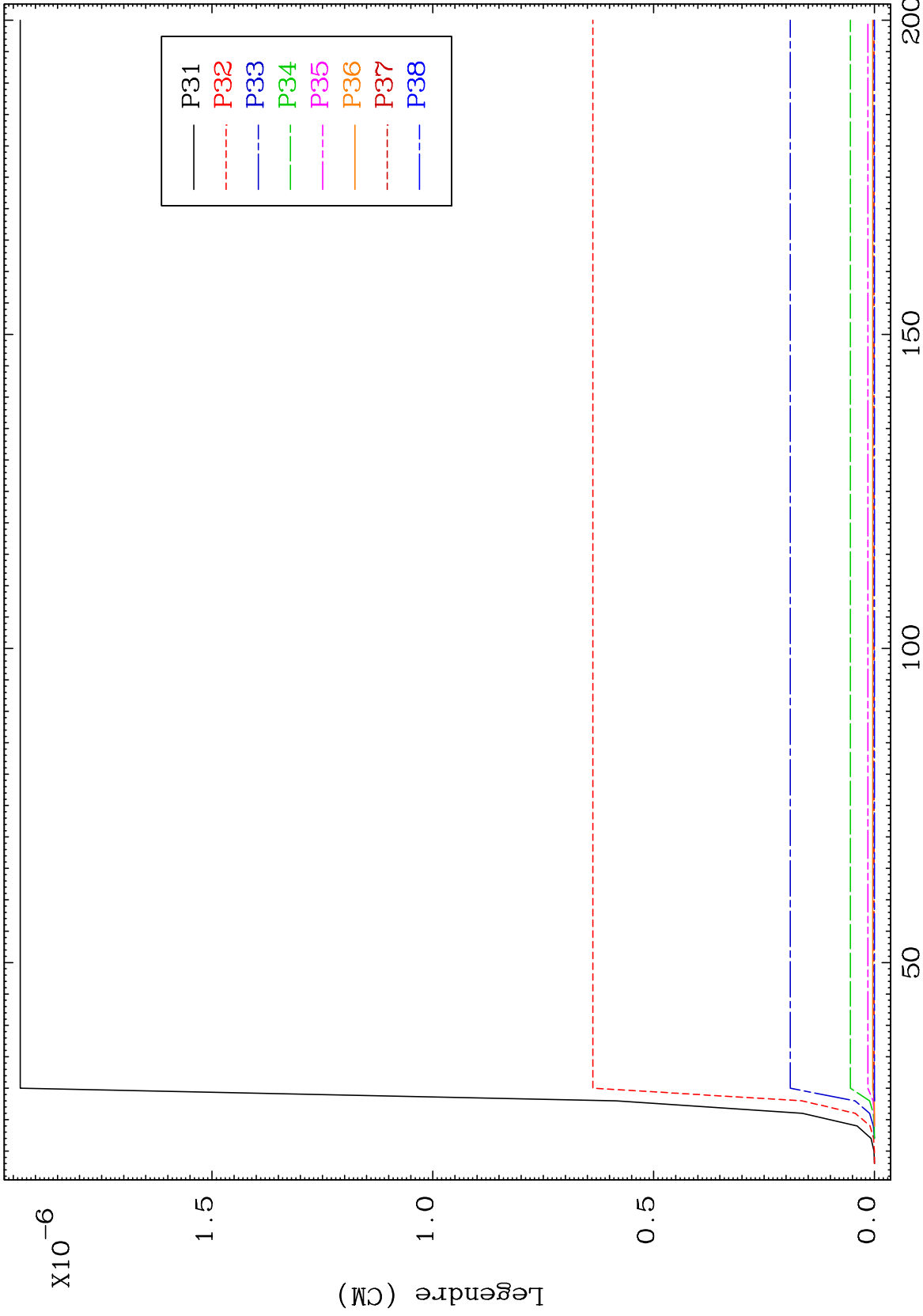
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



131

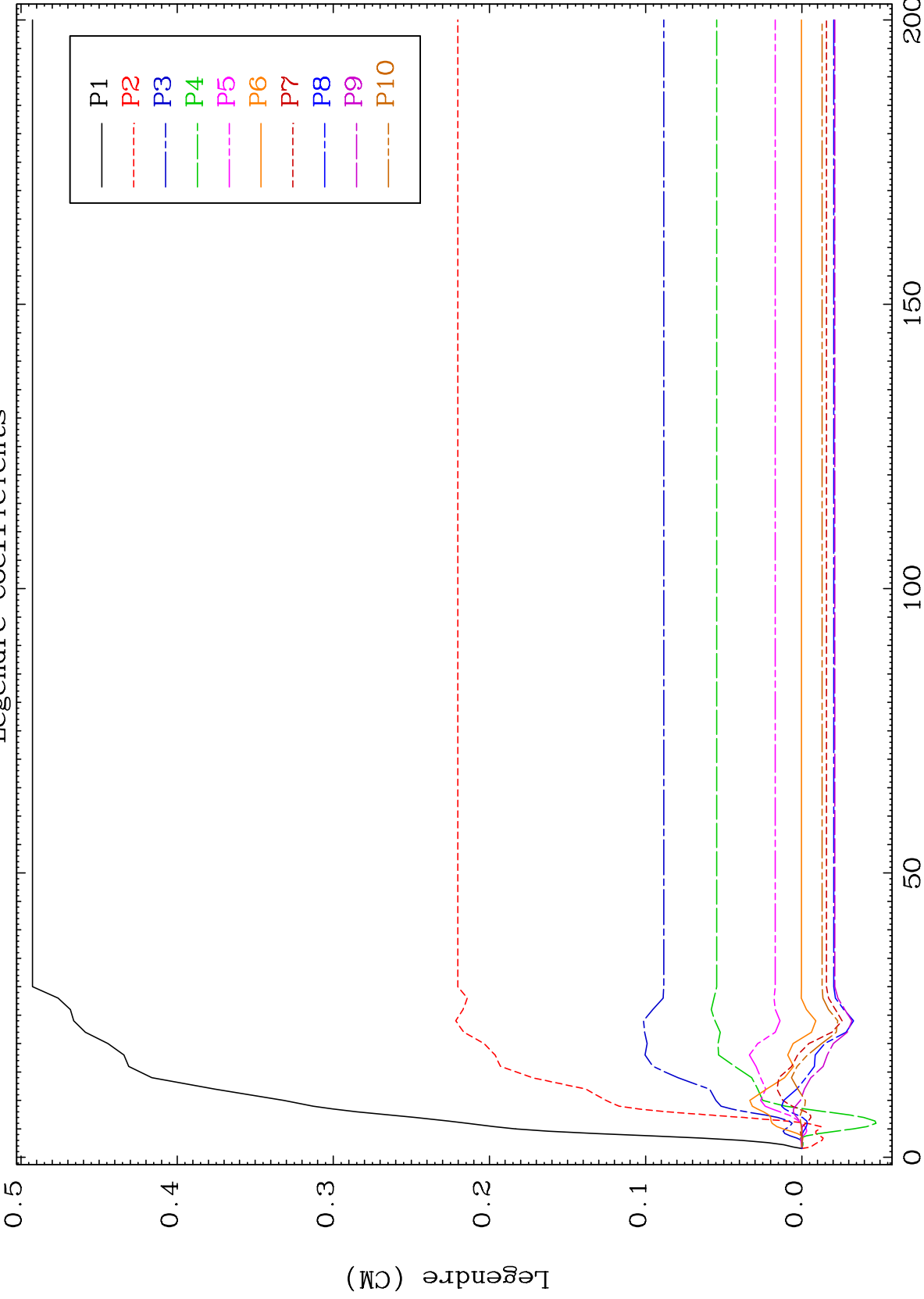
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



77-Ir-197

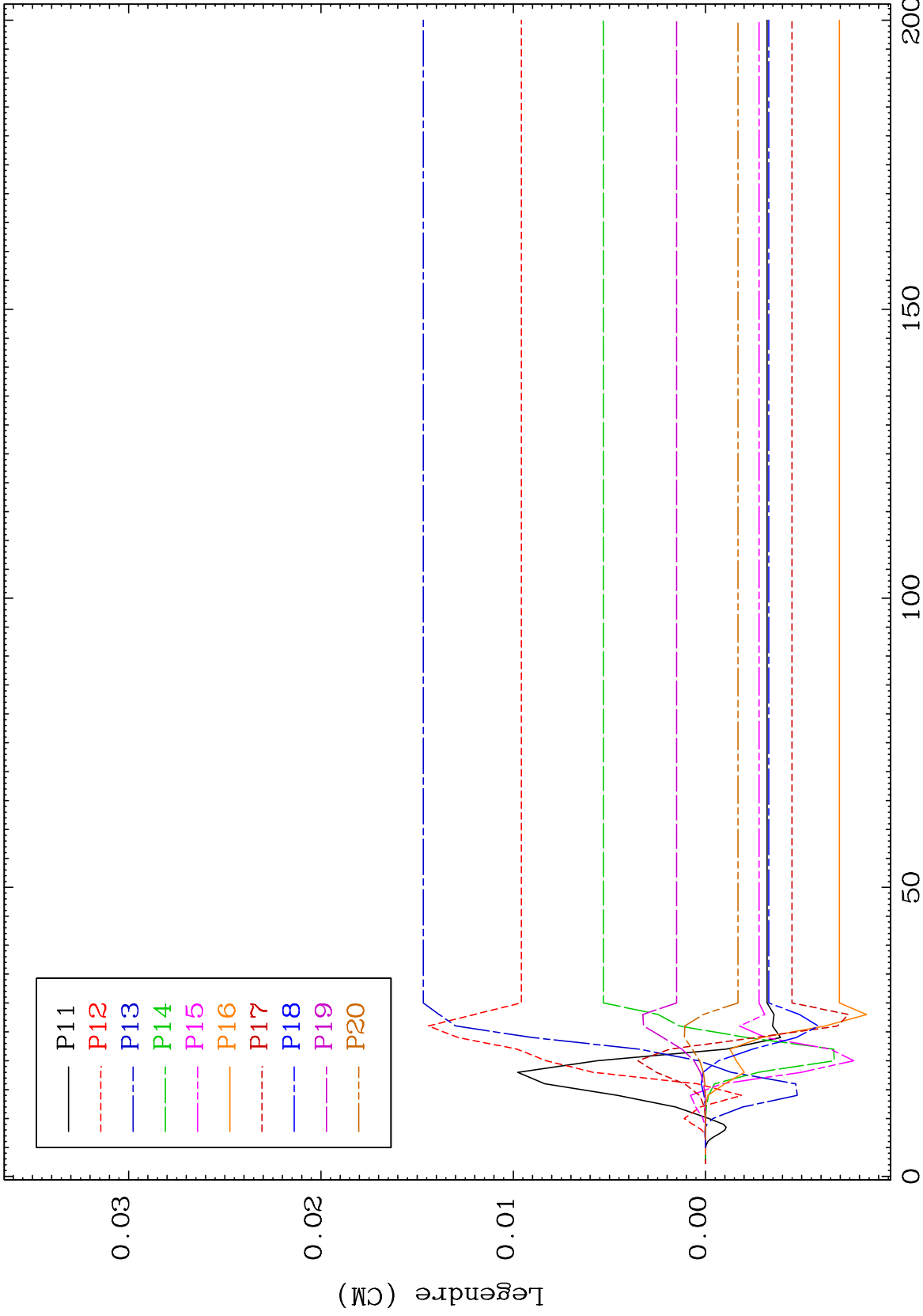
Incident Energy (MeV)

132

MAT 7743

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

77-Ir-197



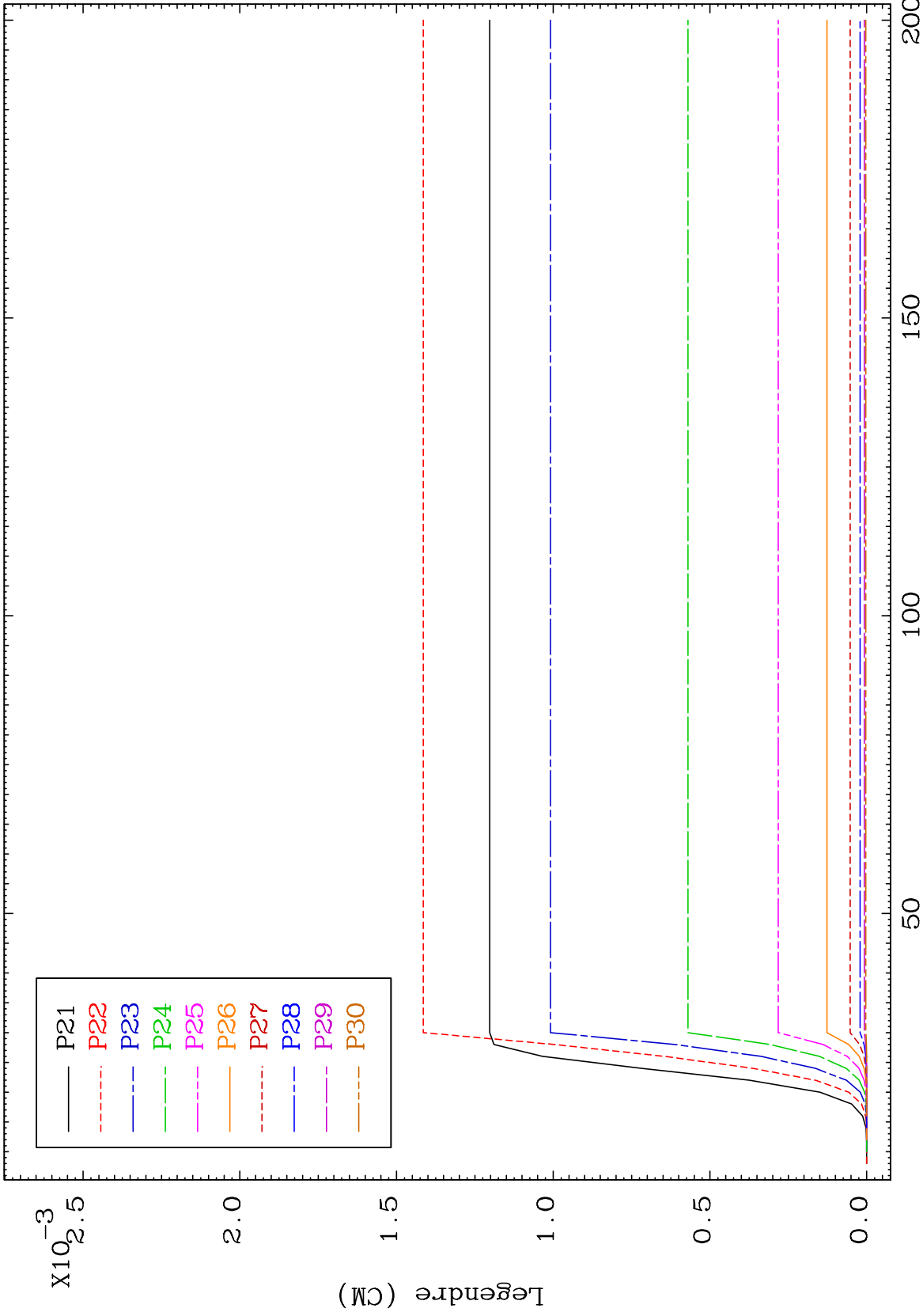
133

77-Ir-197

MAT 7743

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

77-Ir-197



134

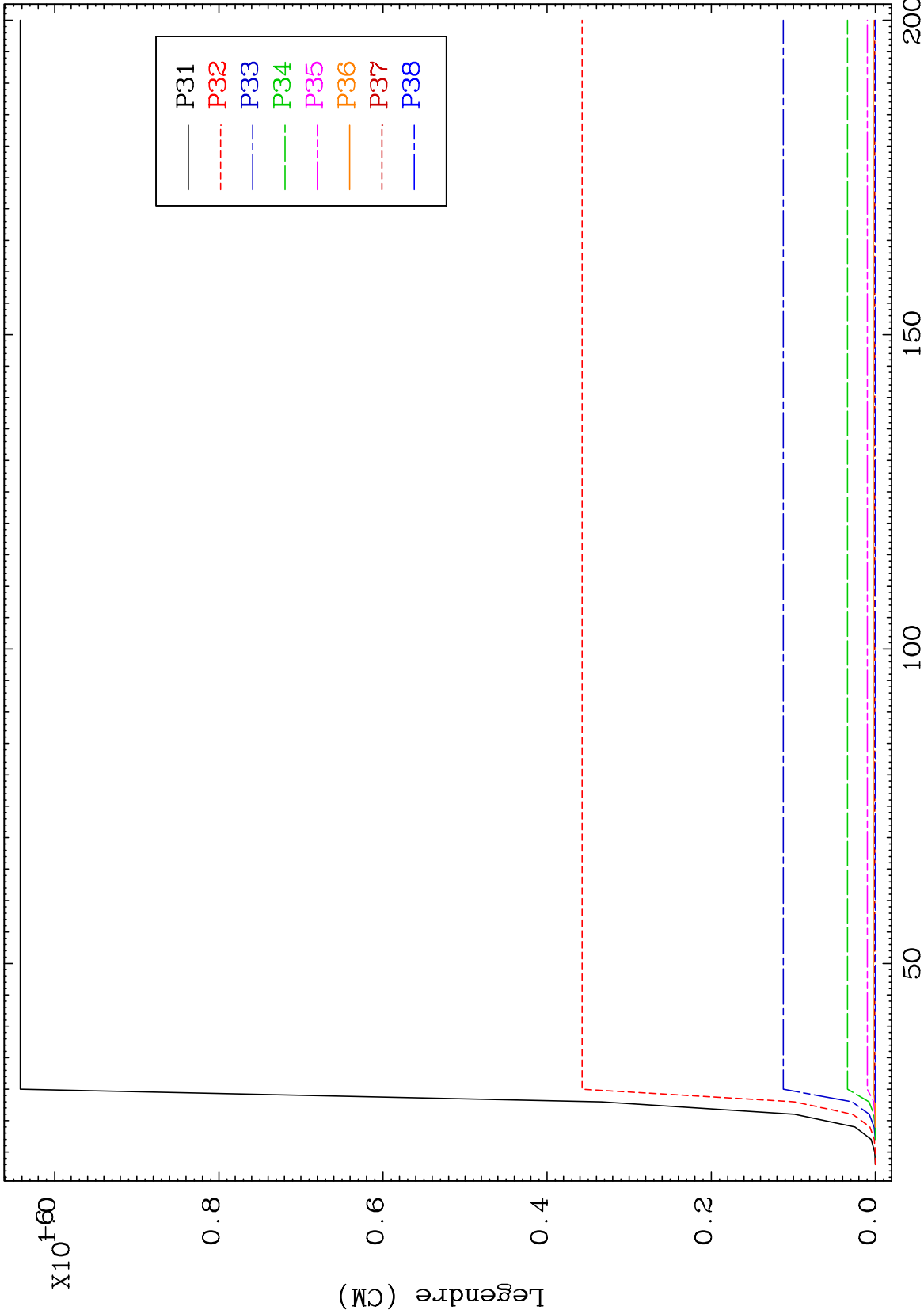
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



135

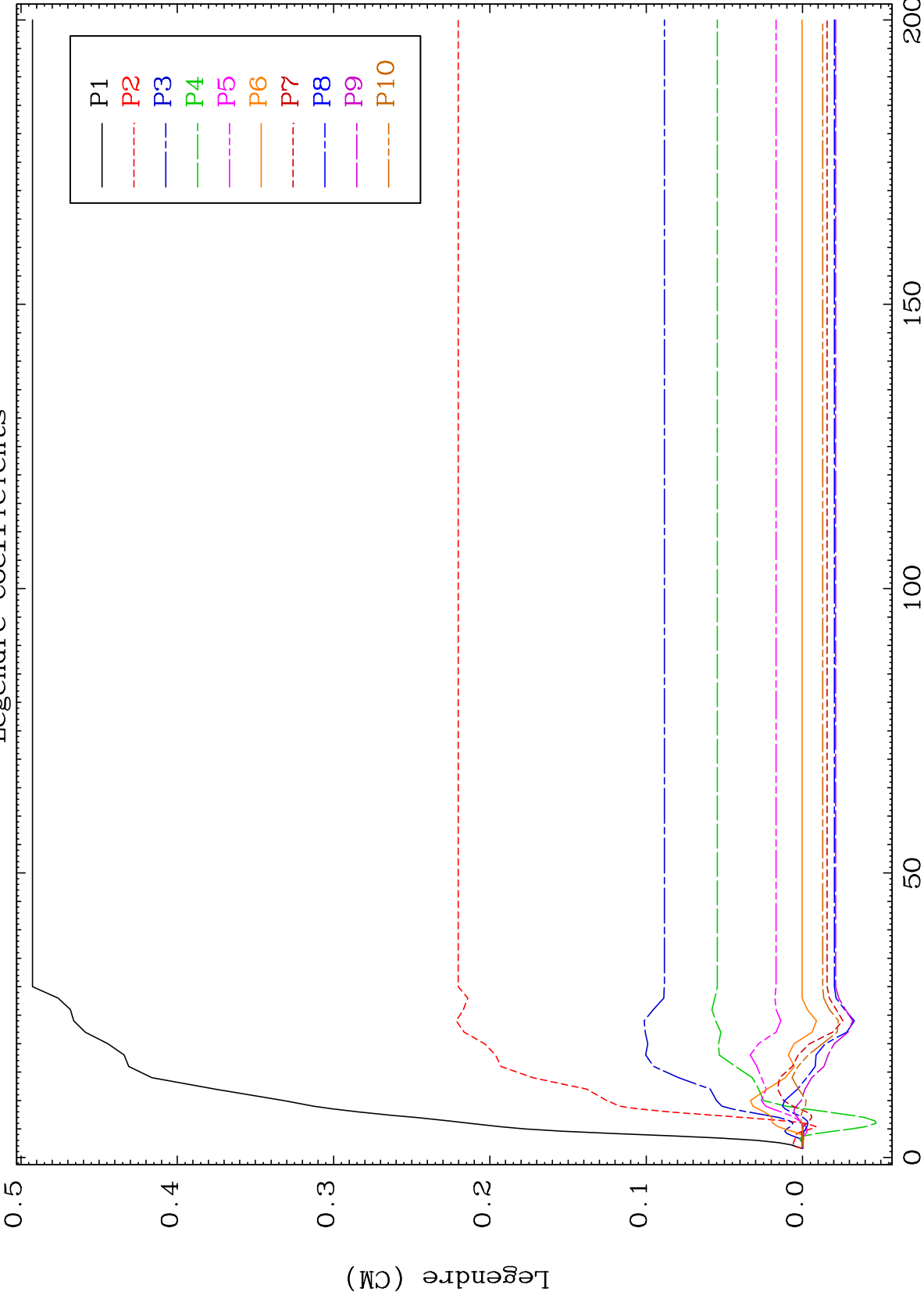
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



136

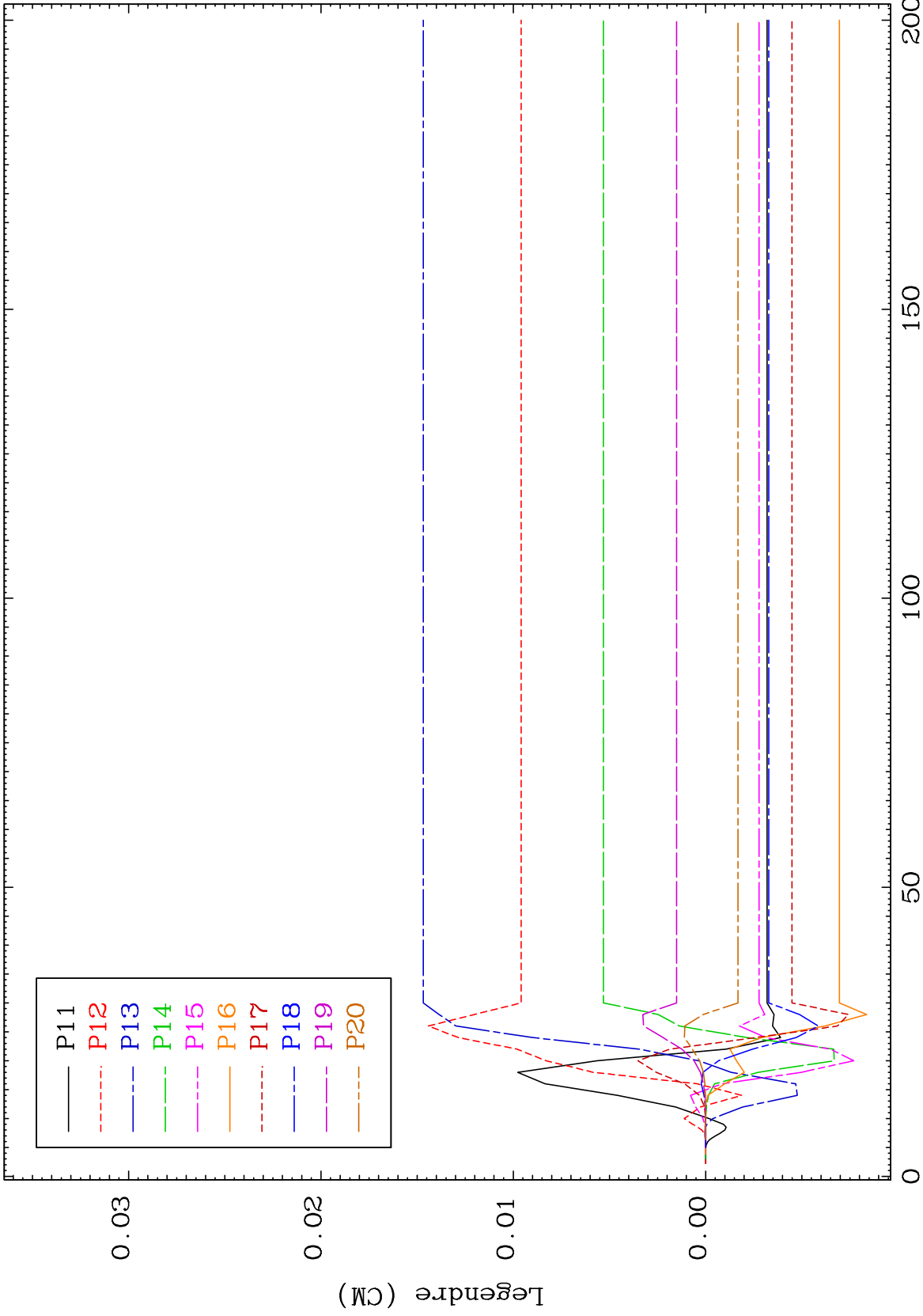
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

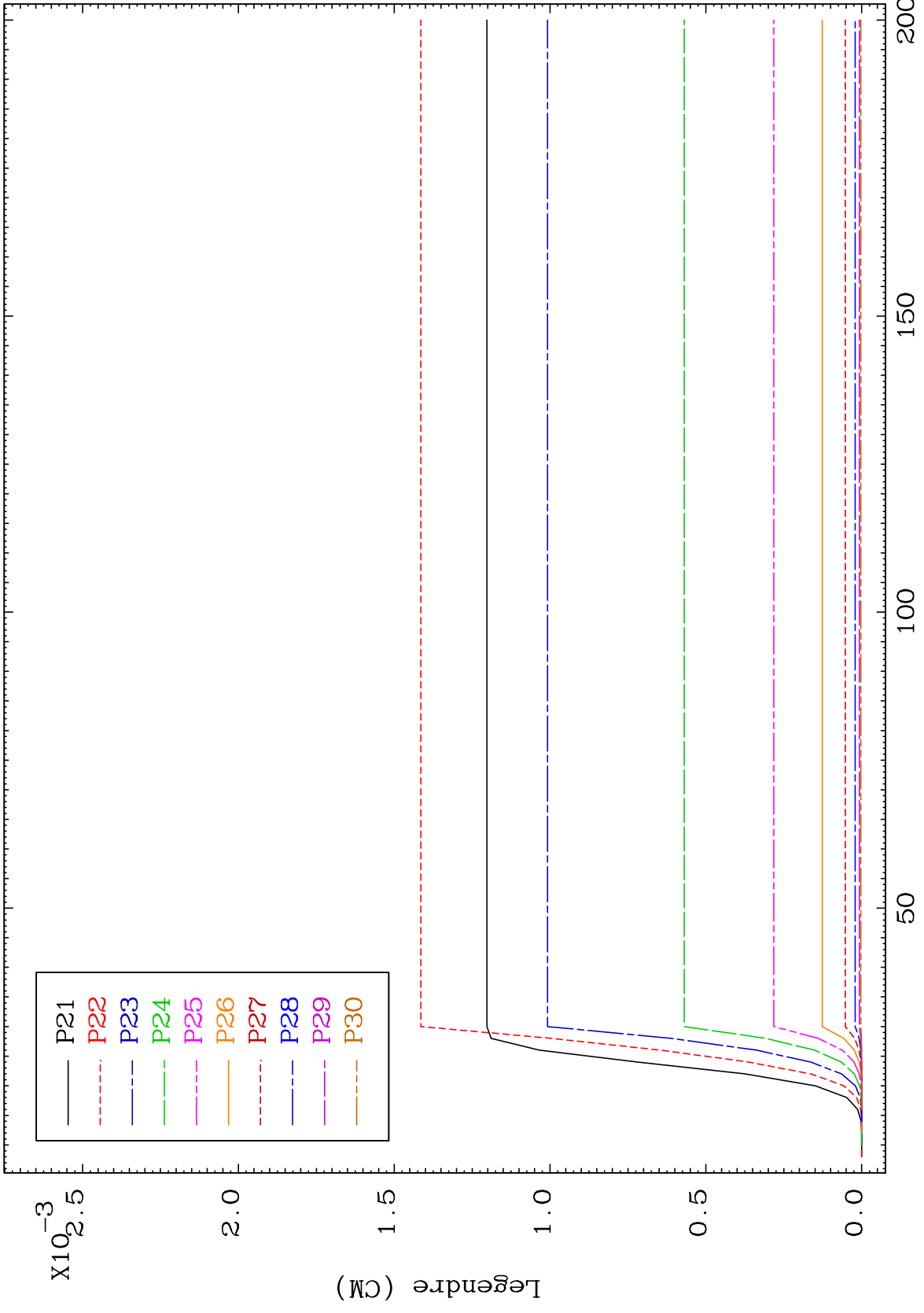
77-Ir-197



137

Incident Energy (MeV)

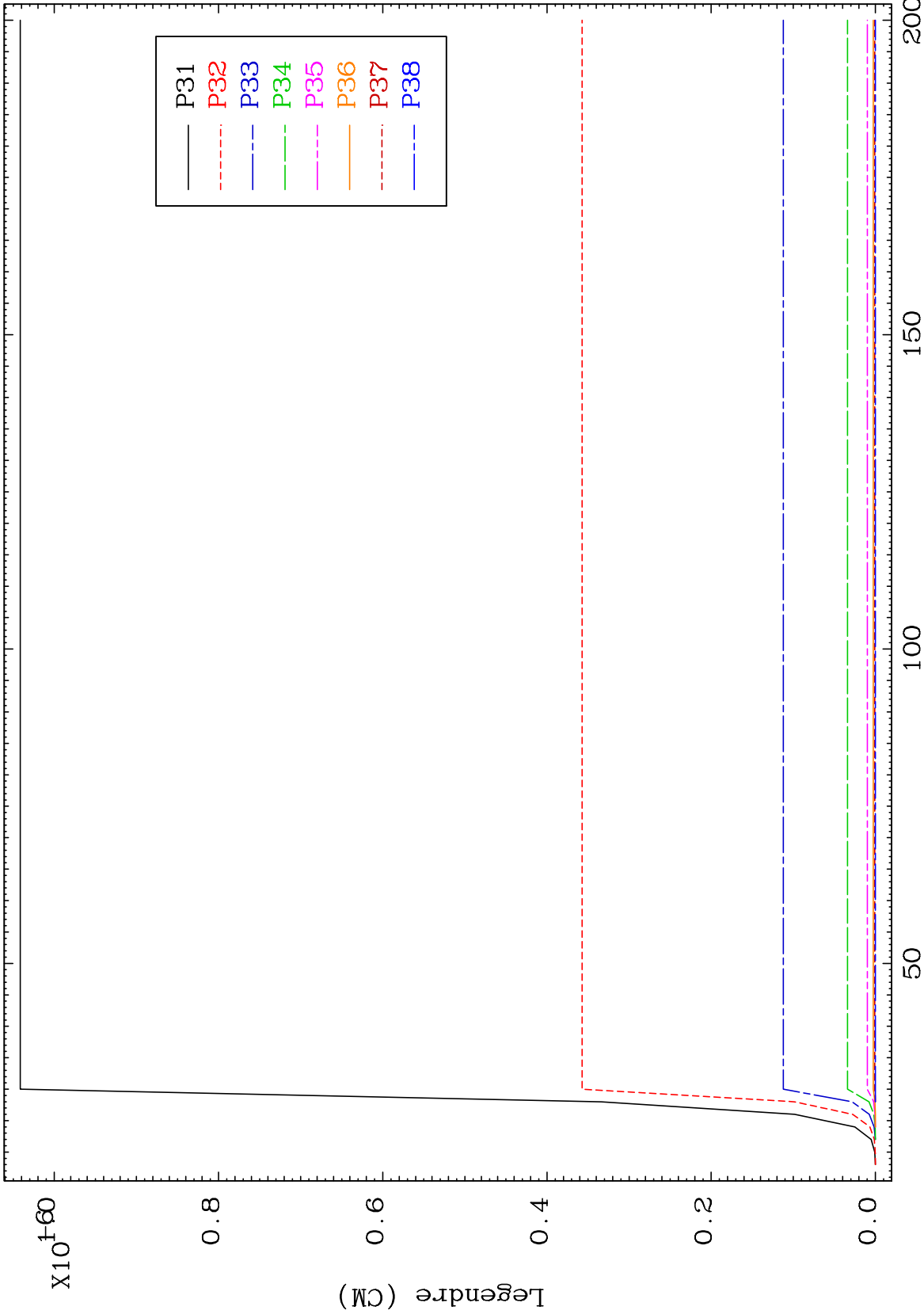
77-Ir-197



MAT 7743

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

77-Ir-197



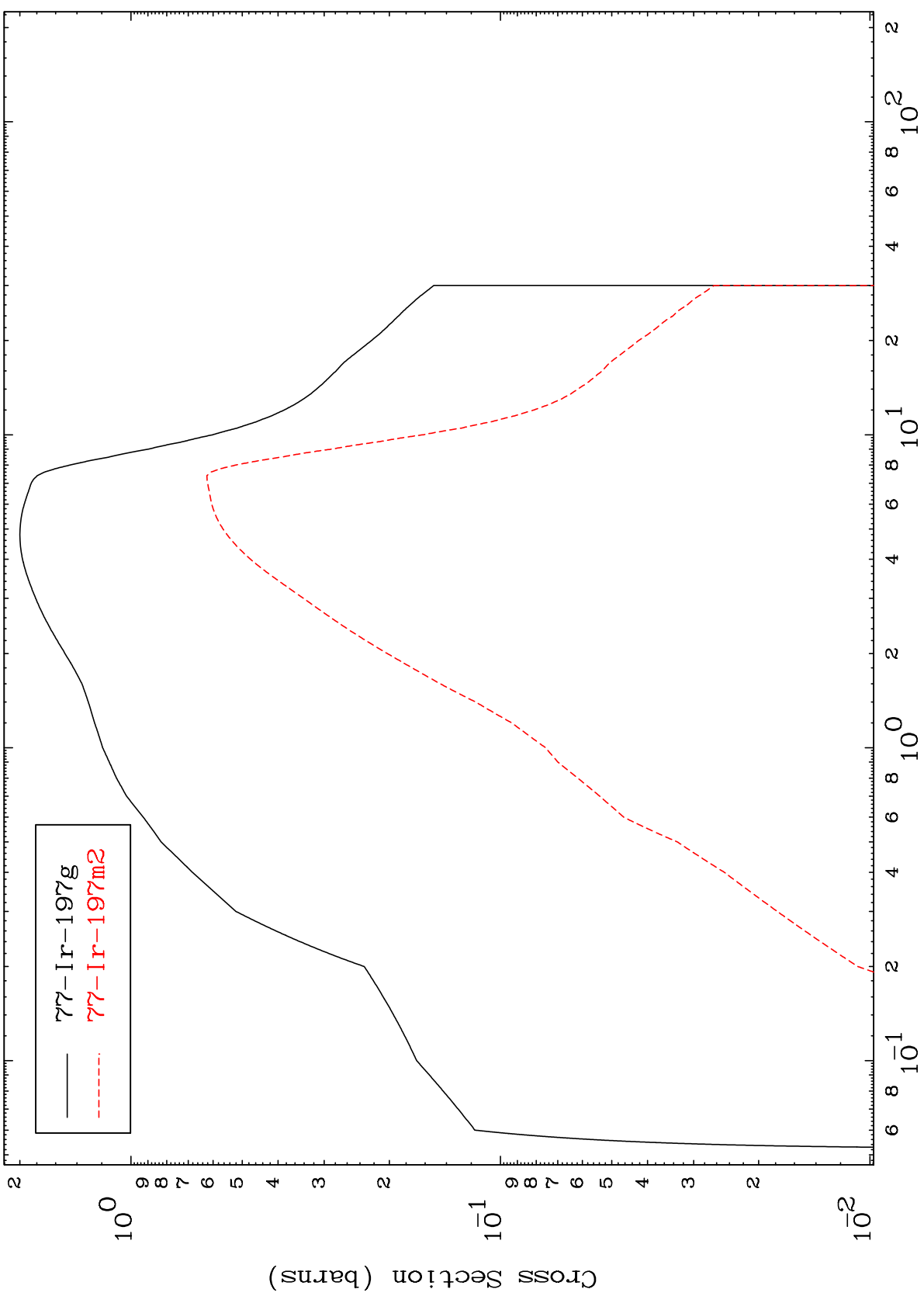
139

77-Ir-197

MAT 7743

Inelastic Radionuclide Production Cross Section

77-Ir-197



140

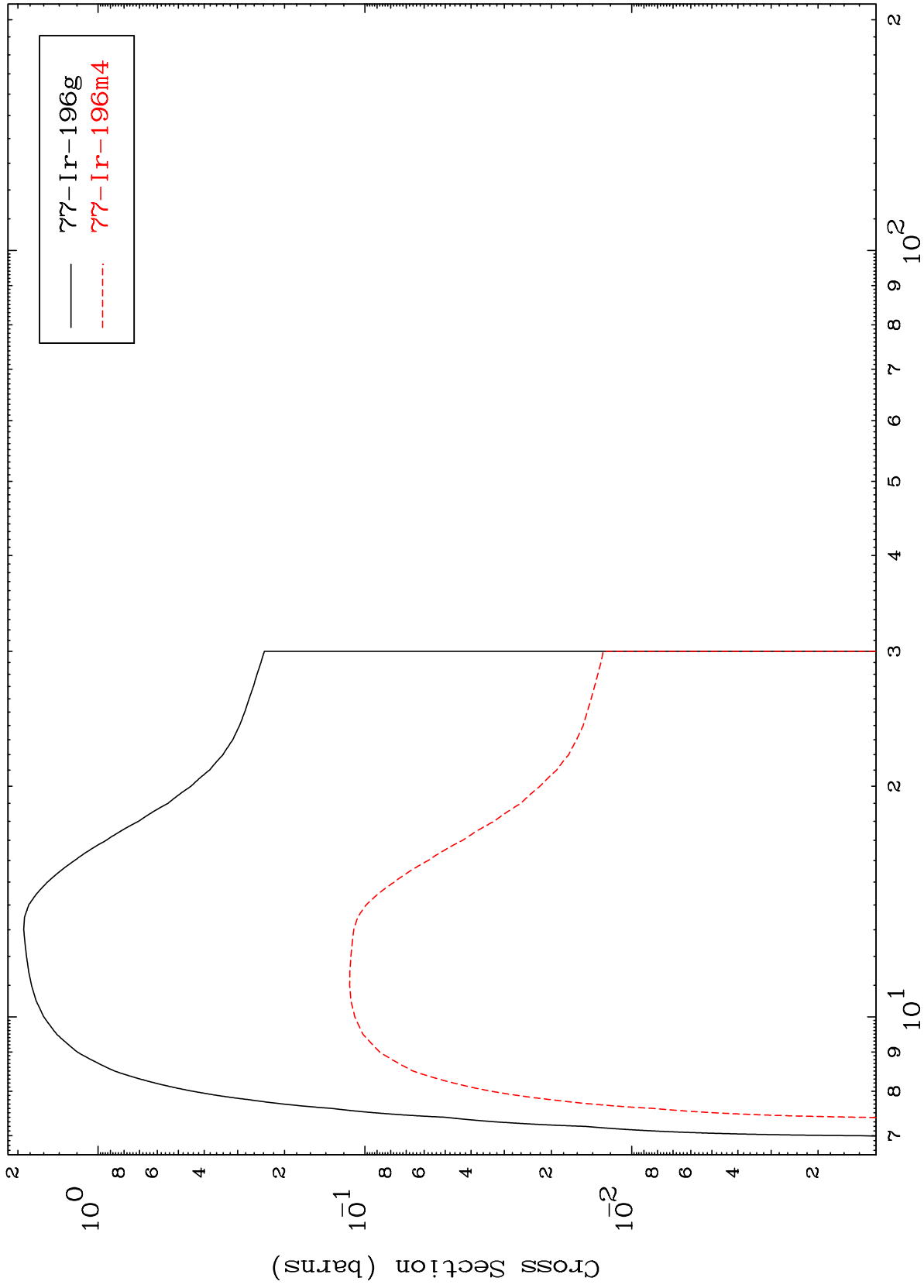
Incident Energy (MeV)

77-Ir-197

MAT 7743

77-Ir-197

(n,2n)
Radionuclide Production Cross Section



141

Incident Energy (MeV)

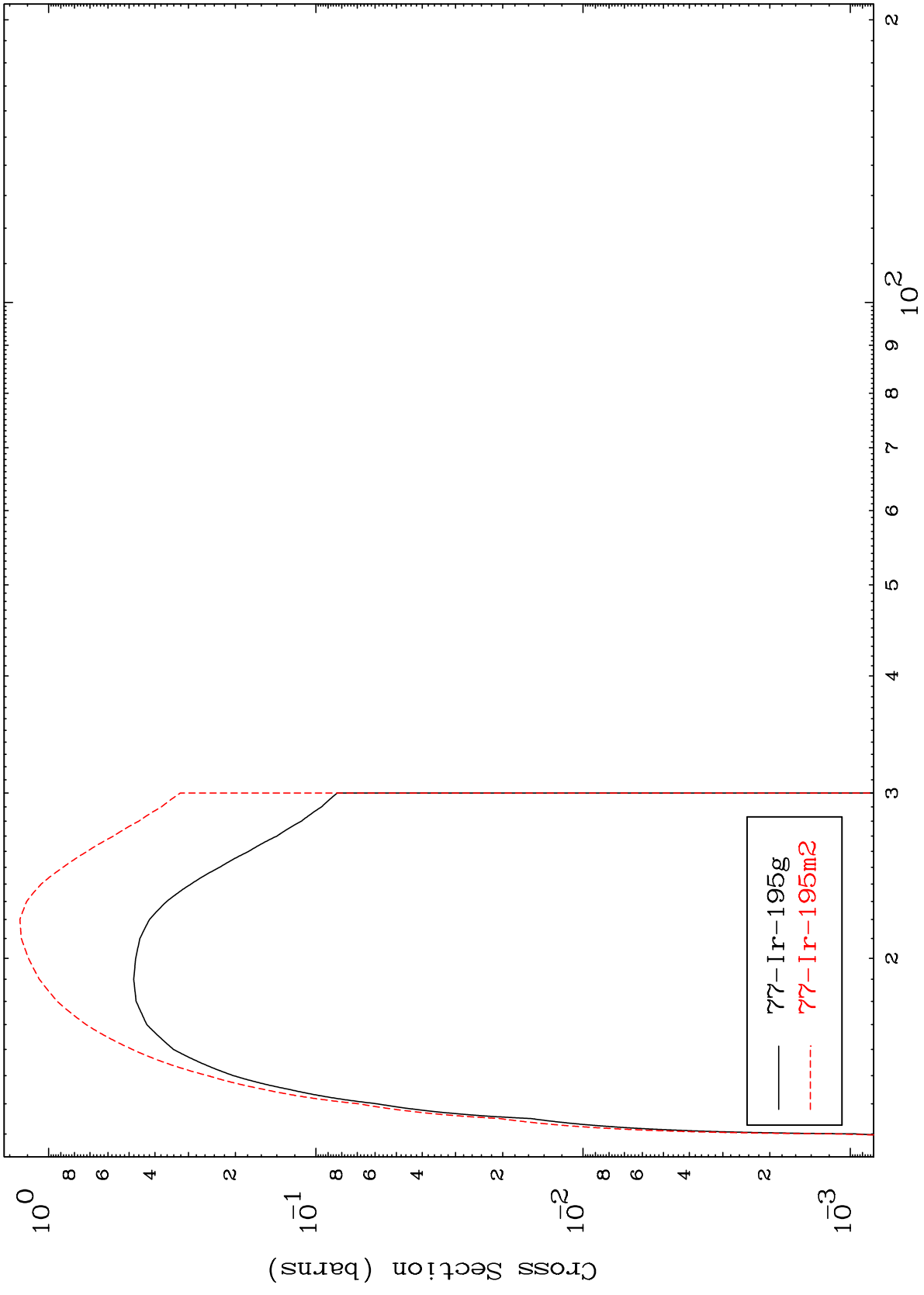
77-Ir-197

MAT 7743

(n,3n)

77-Ir-197

Radionuclide Production Cross Section



142

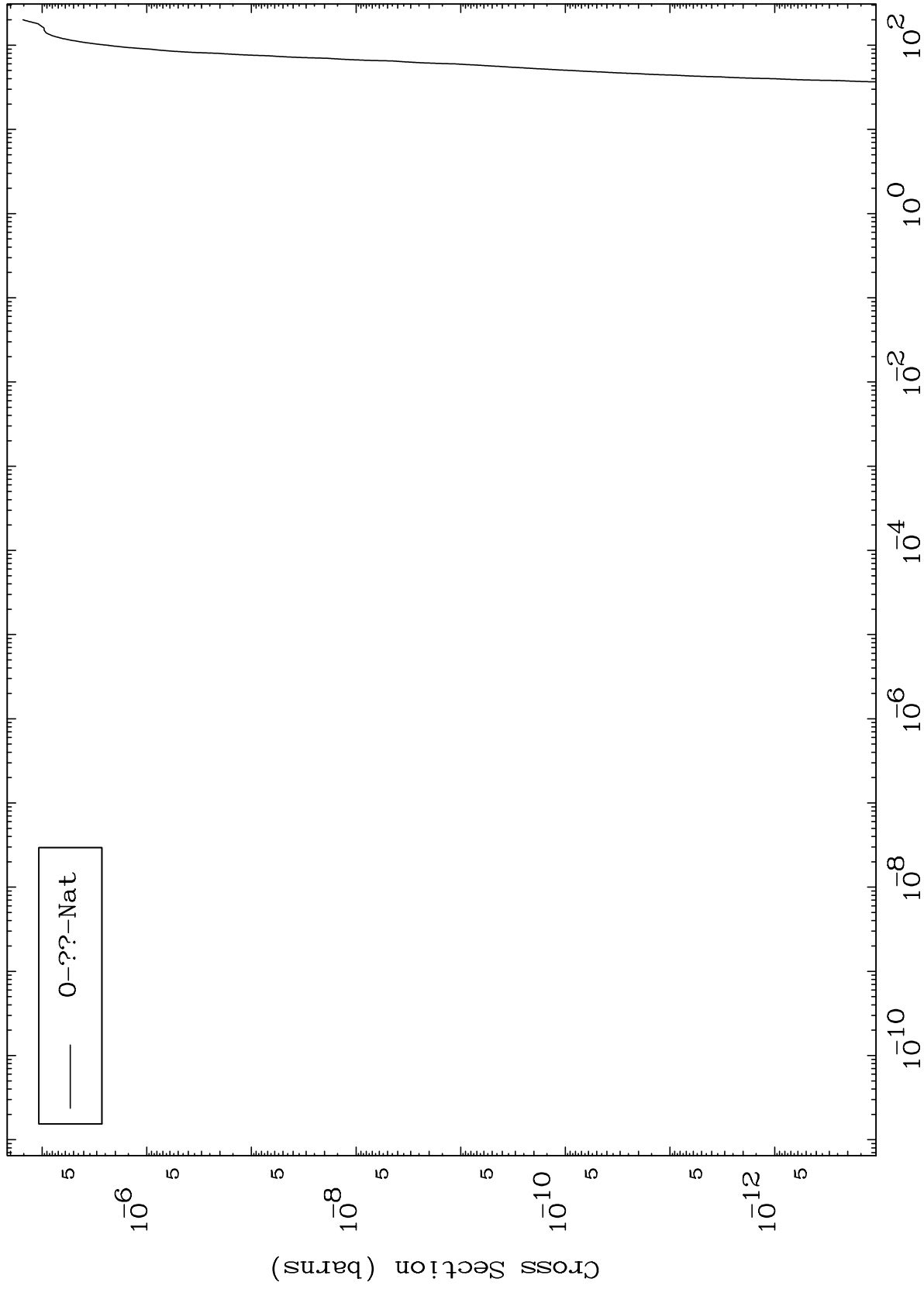
Incident Energy (MeV)

77-Ir-197

MAT 7743

Fission
Radionuclide Production Cross Section

77-Ir-197



143

Incident Energy (MeV)

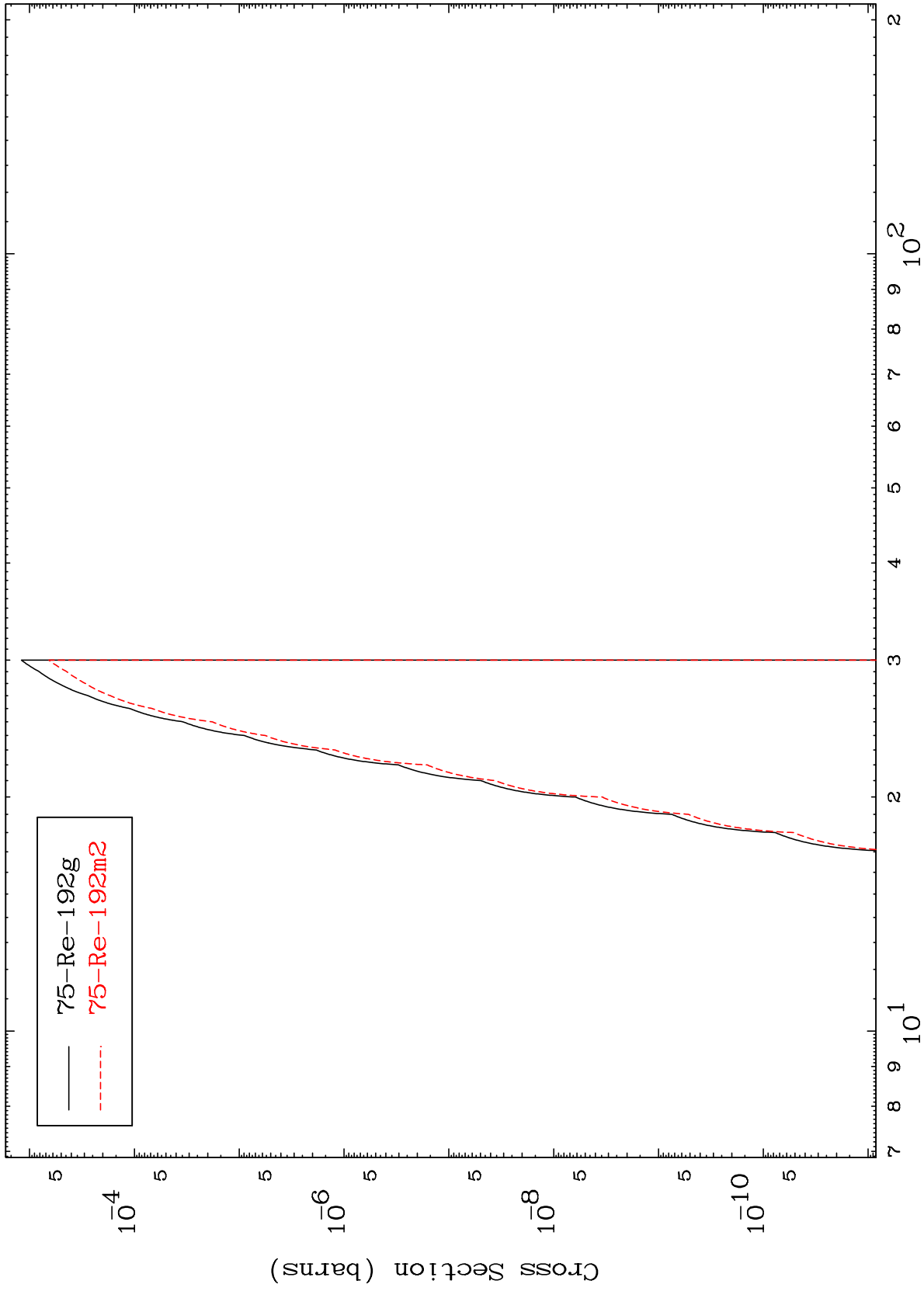
77-Ir-197

MAT 7743

(n,2n) α

77-Ir-197

Radionuclide Production Cross Section



144

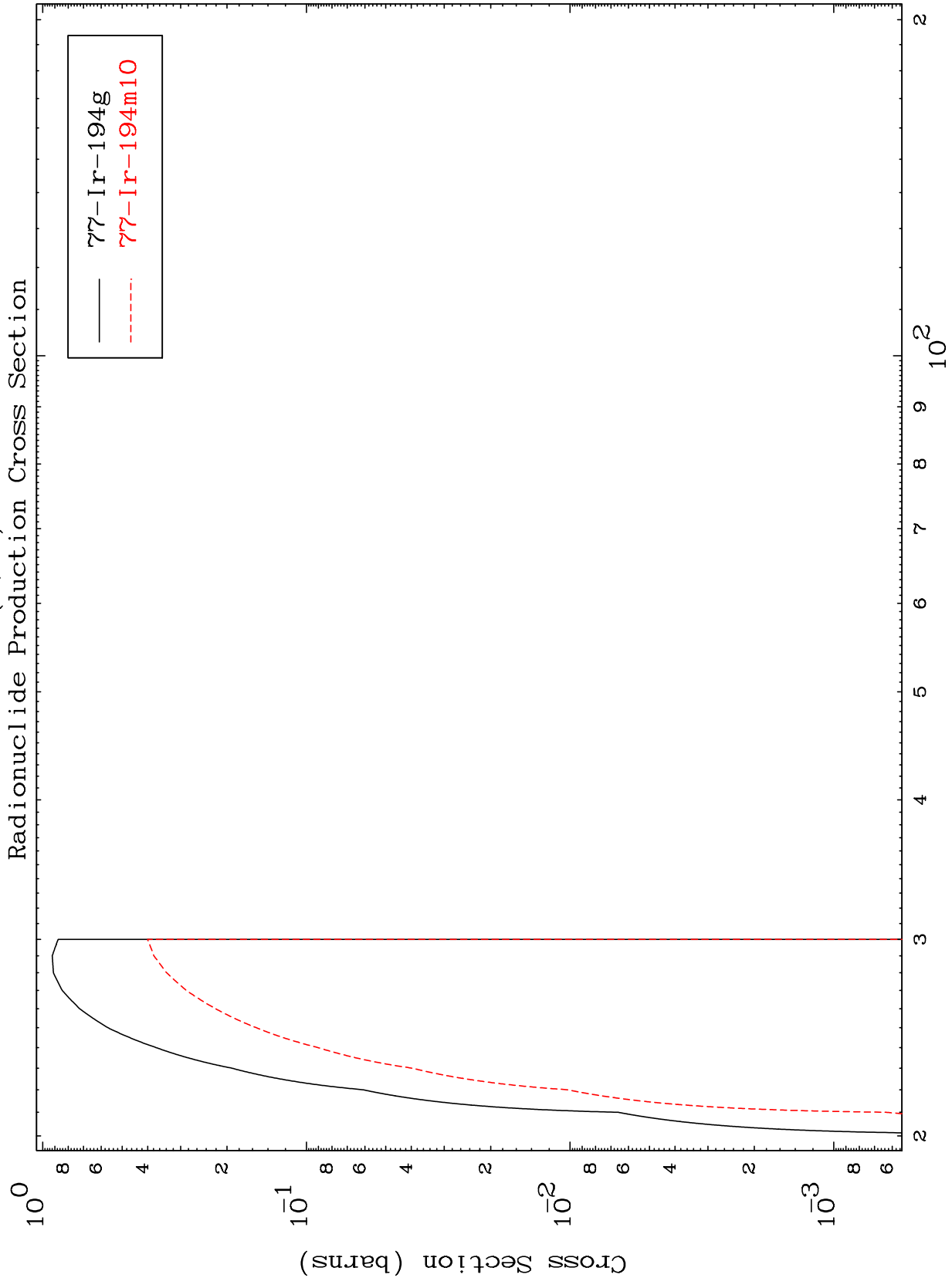
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,4n)

77-Ir-197



145

77-Ir-197