

Program EVALPLOT
(Version 2018-1)

by

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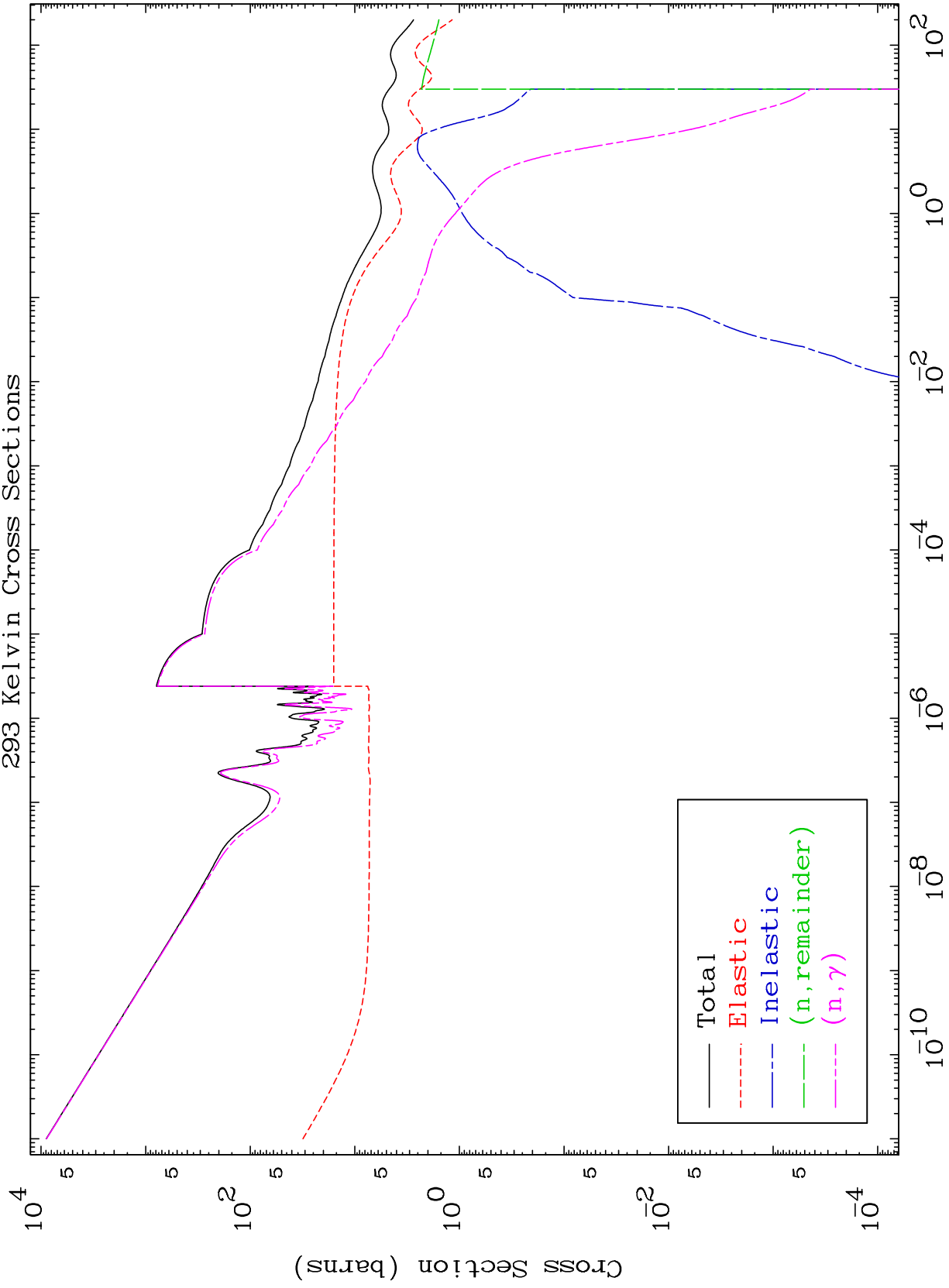
Press Mouse Button to Start

MAT 7698

Major

293 Kelvin Cross Sections

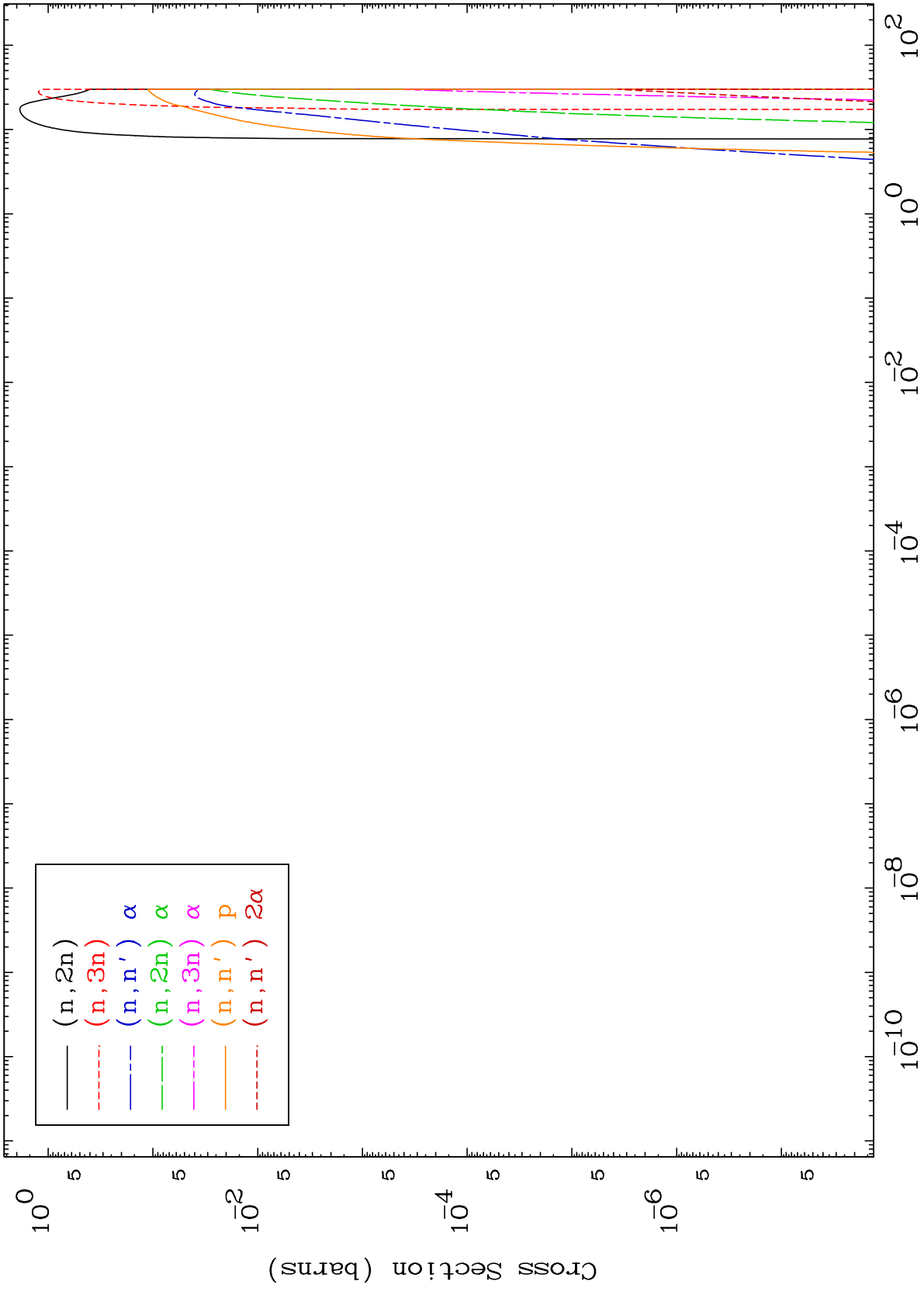
77-Ir-182



MAT 7698

Neutron Production
293 Kelvin Cross Sections

77-Ir-182

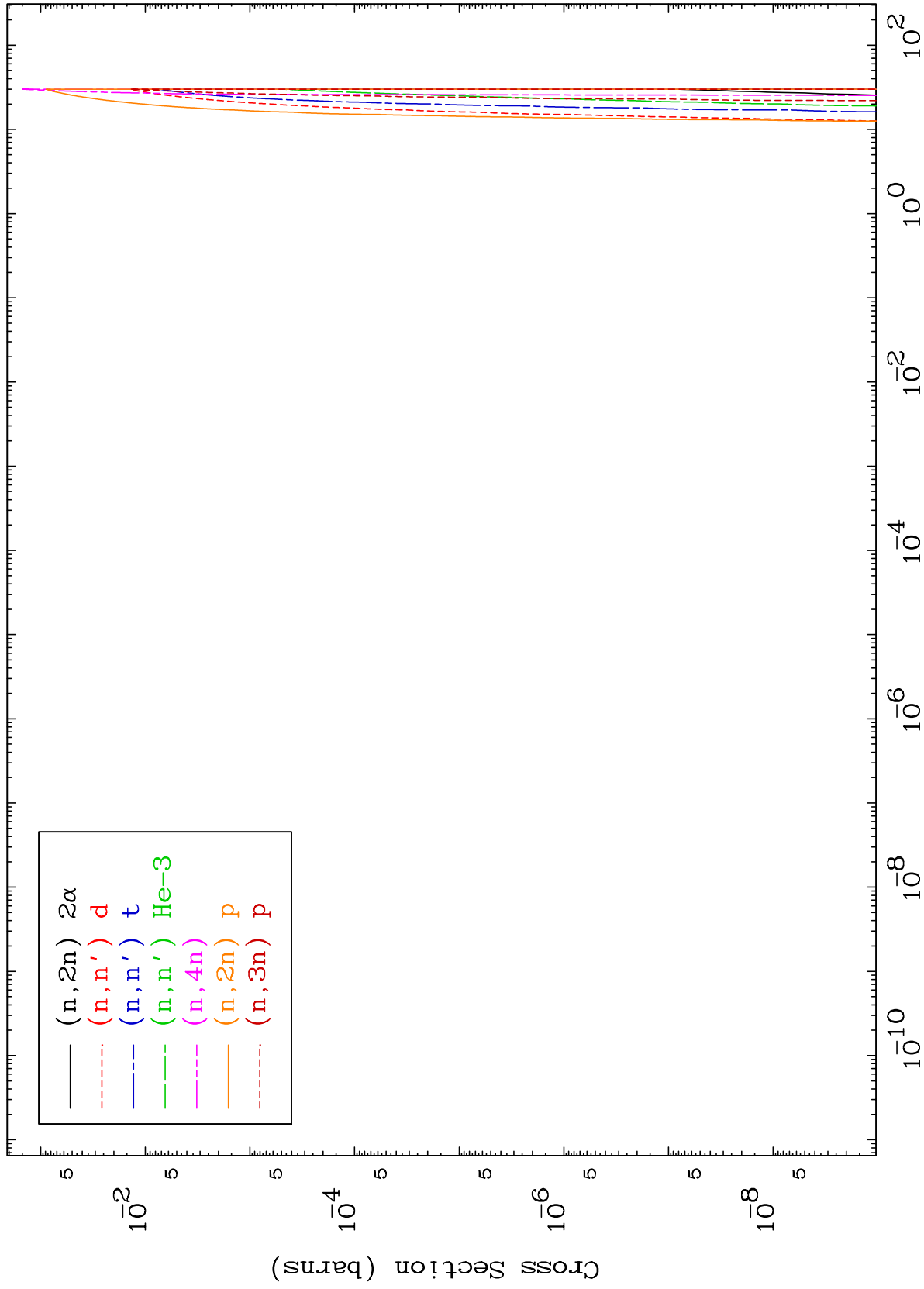


77-Ir-182

MAT 7698

Neutron Production
293 Kelvin Cross Sections

77-Ir-182

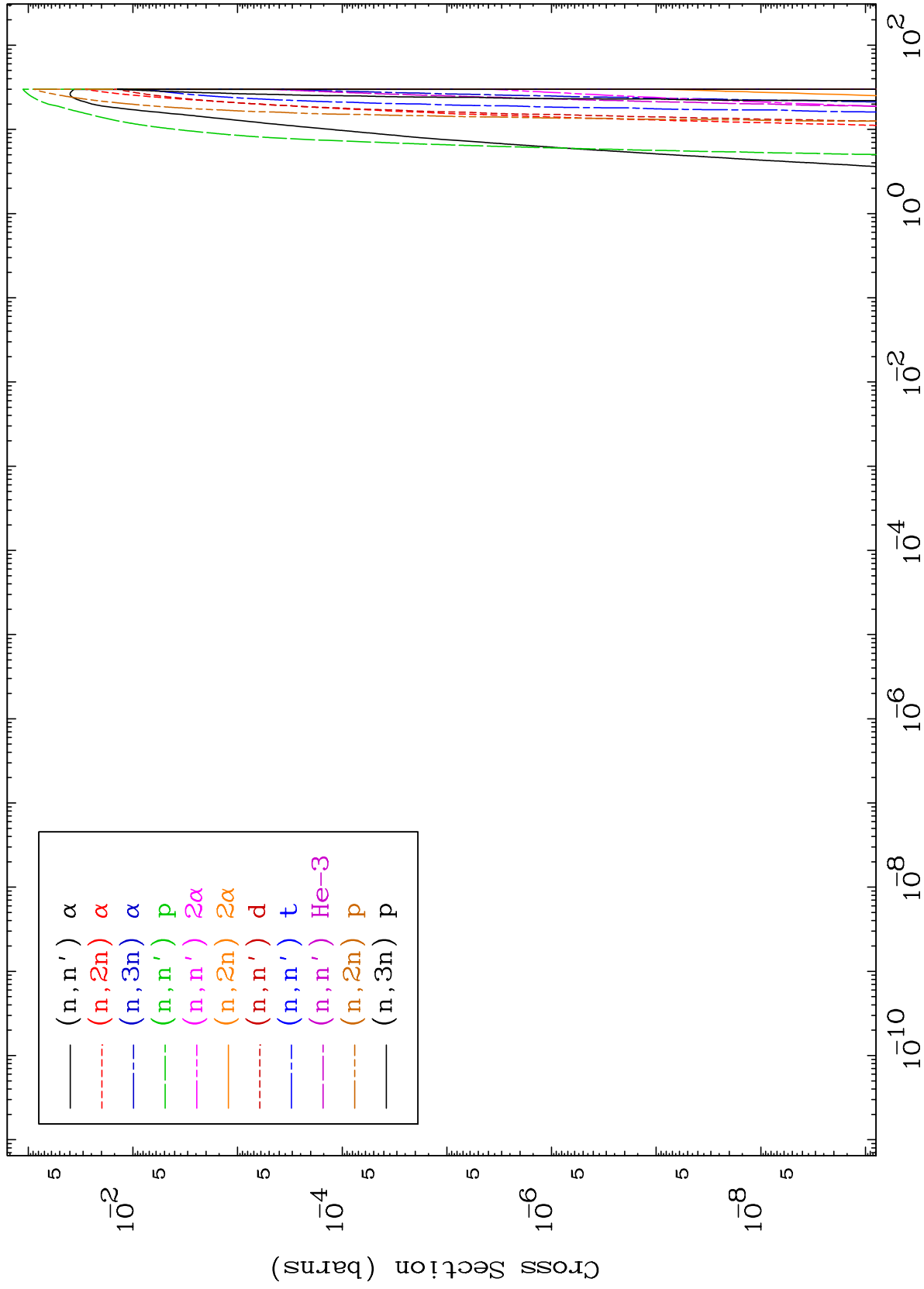


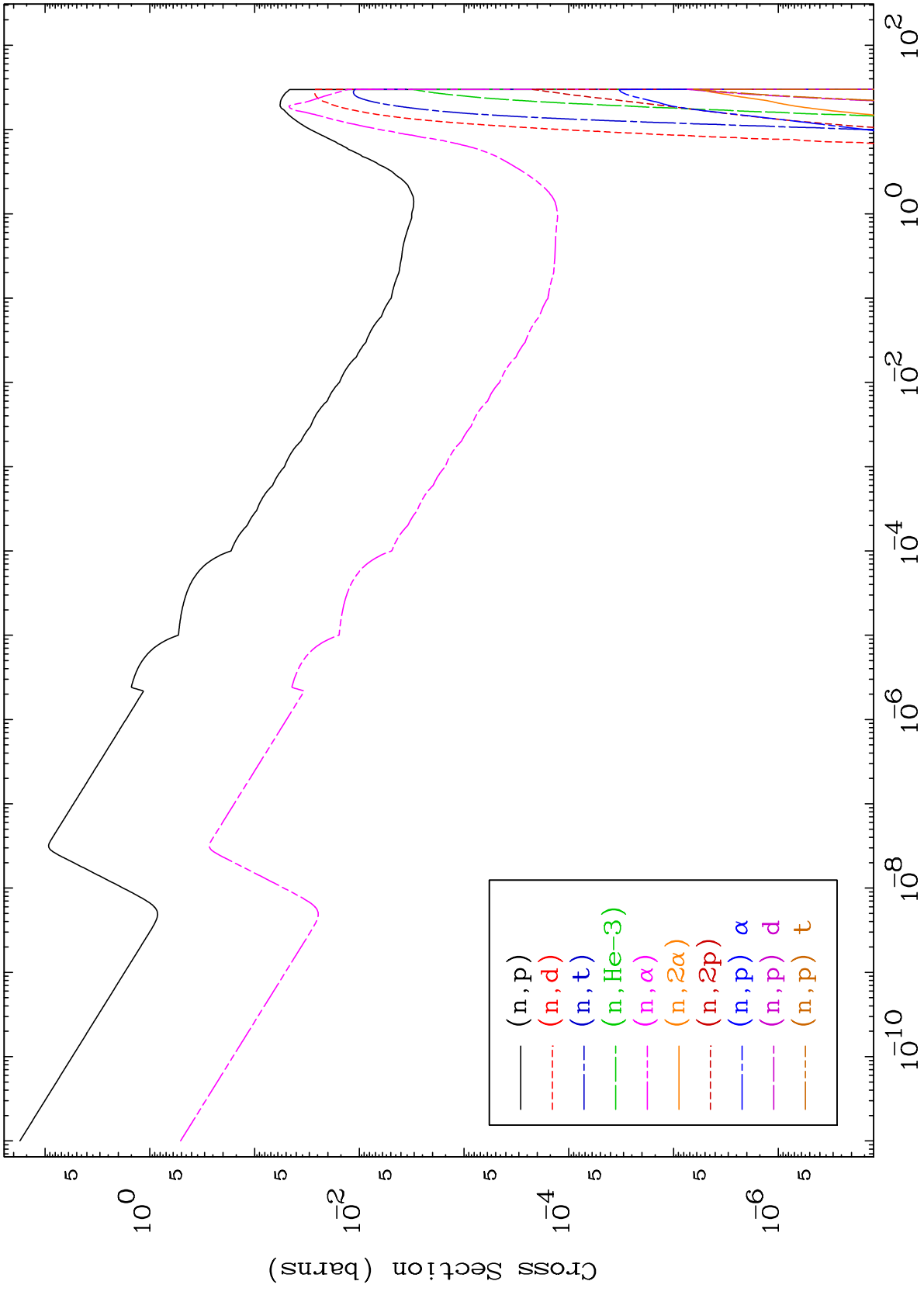
77-Ir-182

MAT 7698

Charged Particle
293 Kelvin Cross Sections

77-Ir-182

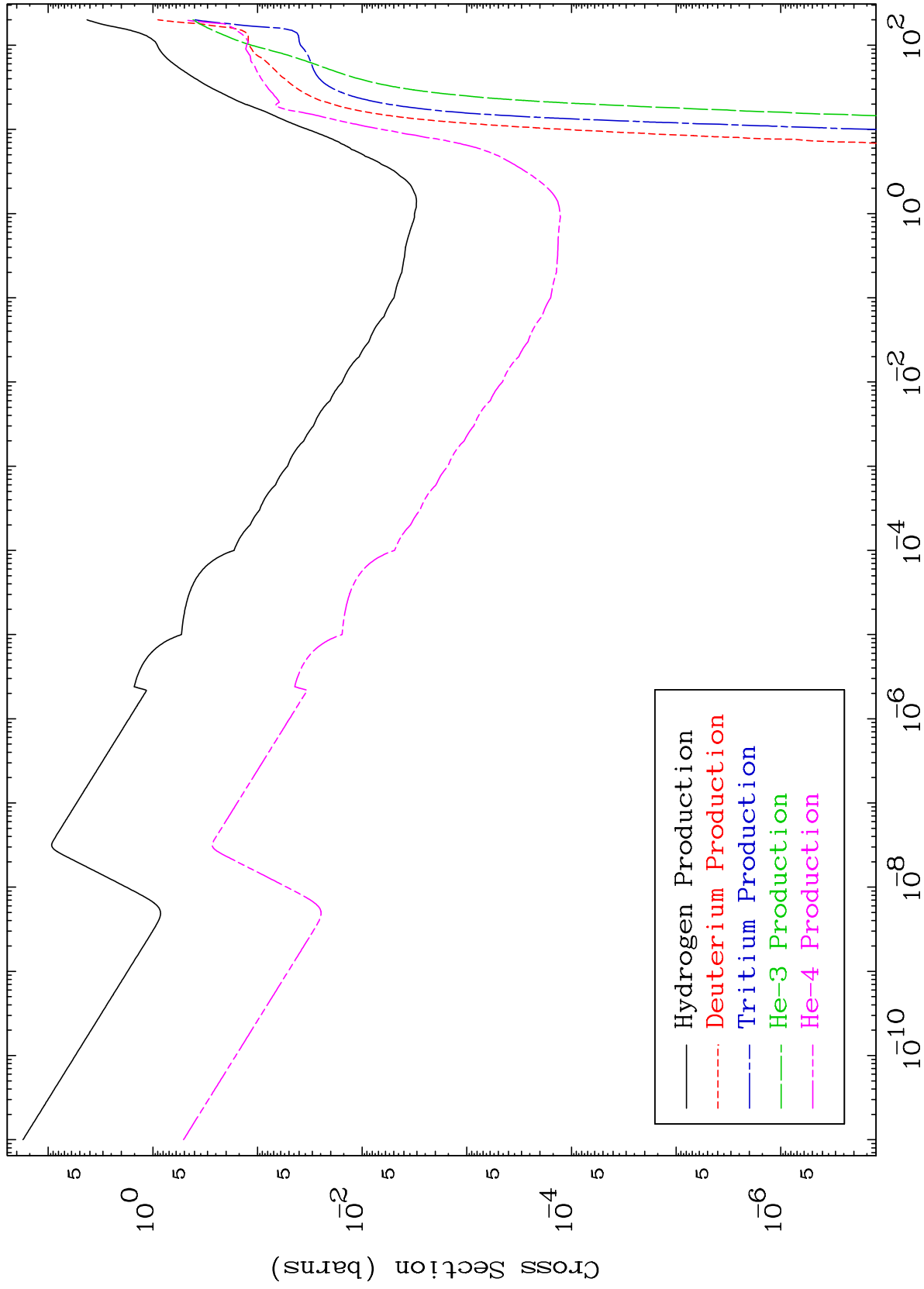


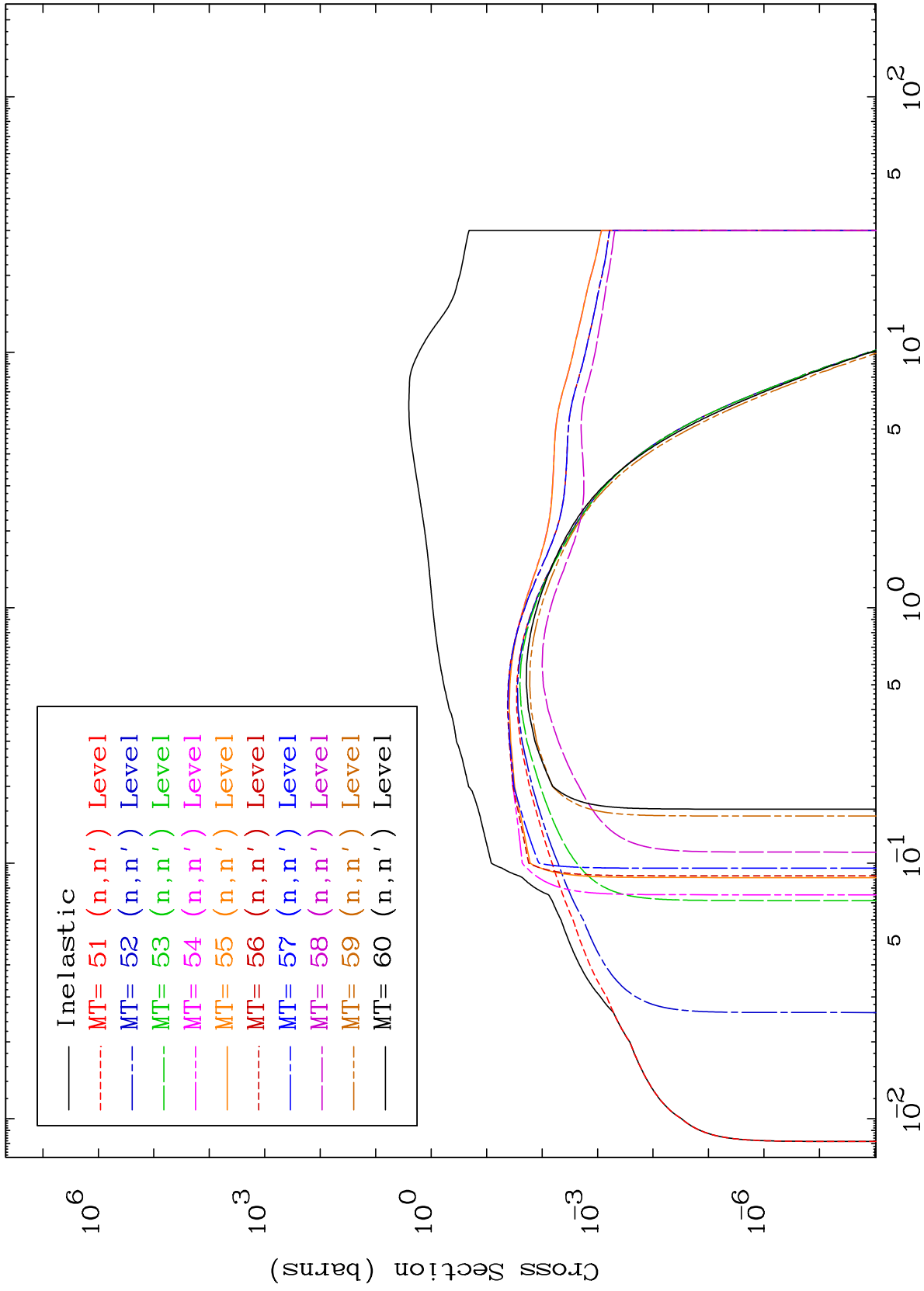


MAT 7698

Particle Production
293 Kelvin Cross Sections

77-Ir-182



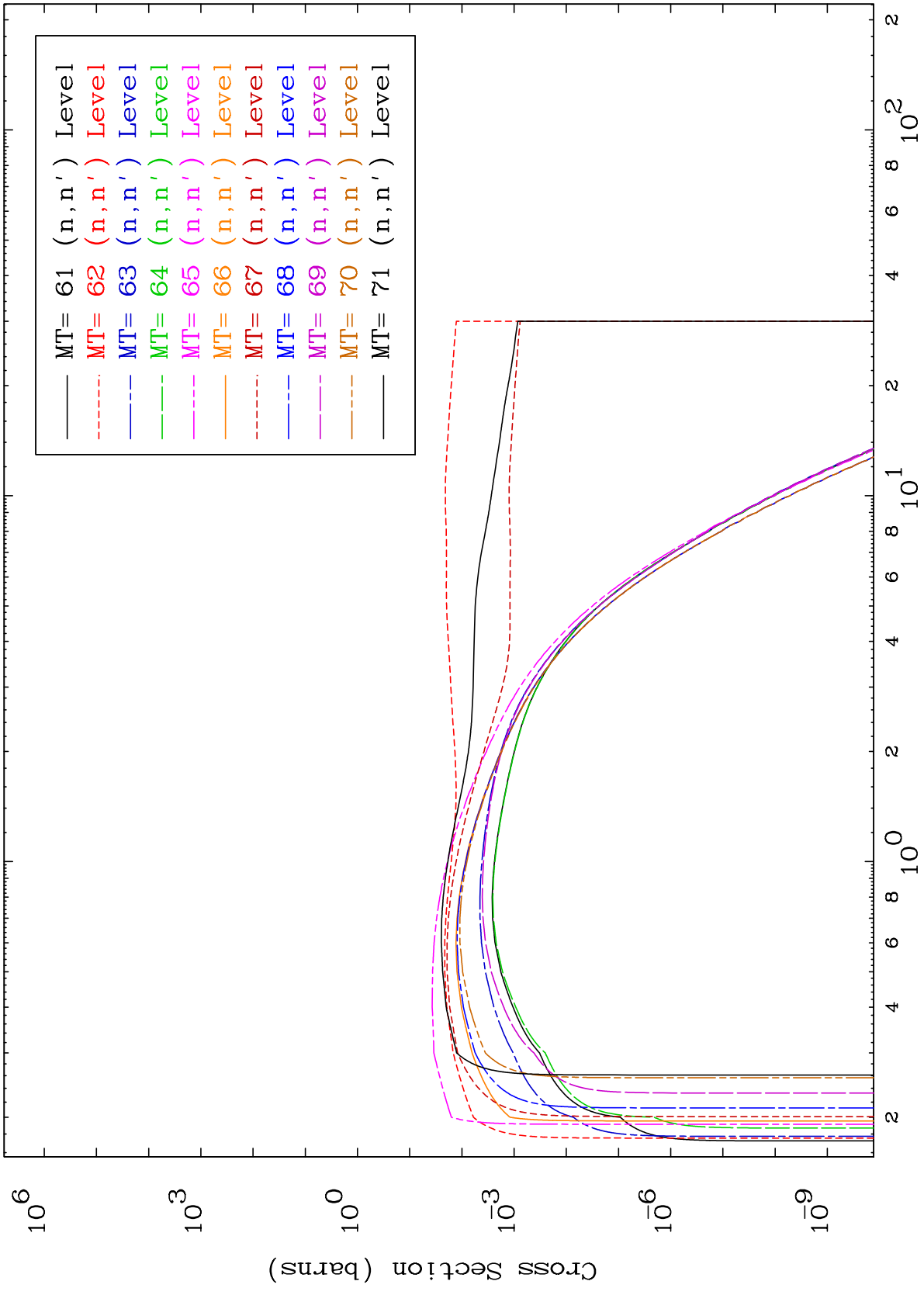


MAT 7698

(n,n') Level

77-Ir-182

293 Kelvin Cross Sections



8

Incident Energy (MeV)

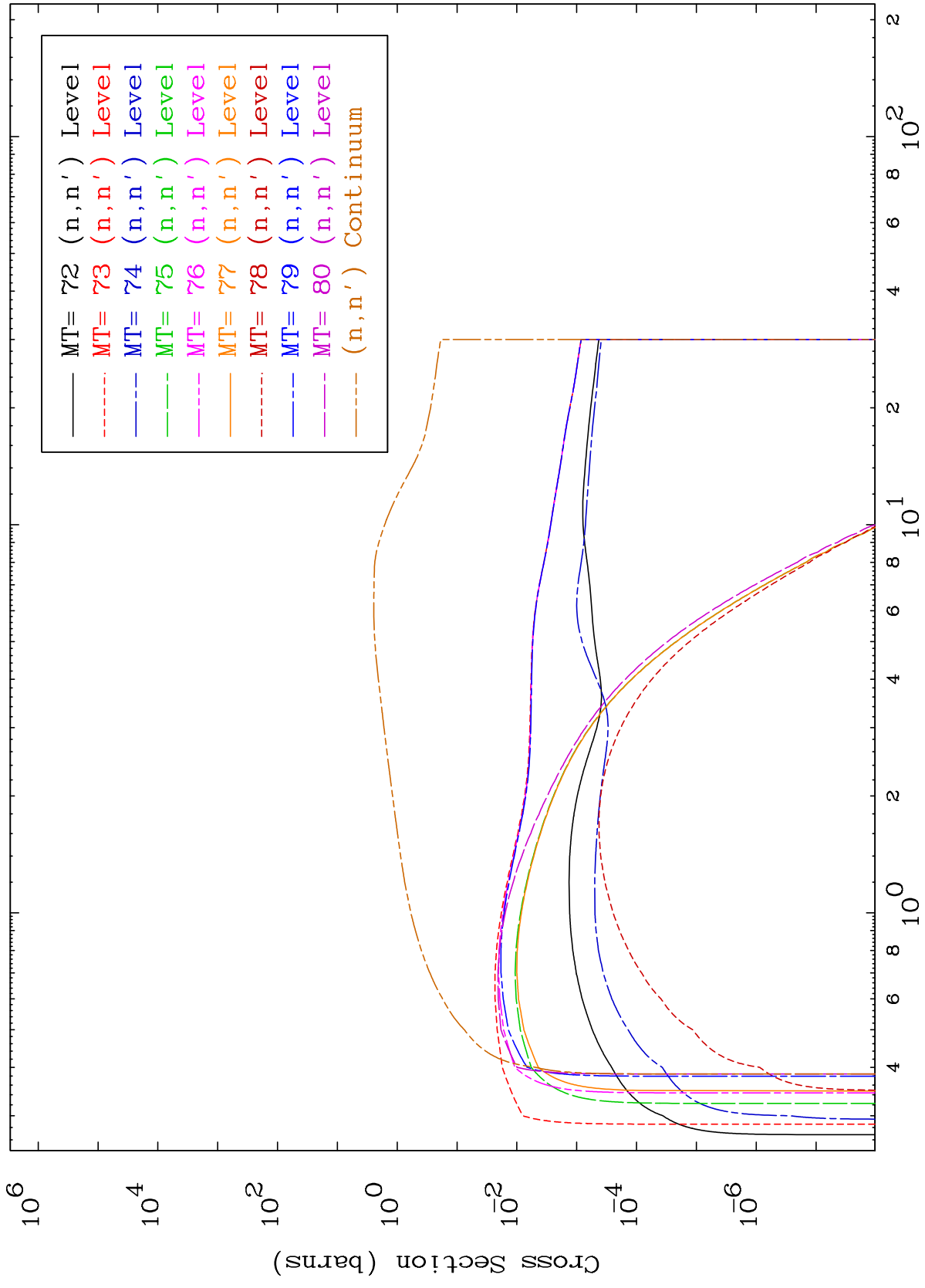
77-Ir-182

MAT 7698

(n,n') Level

77-Ir-182

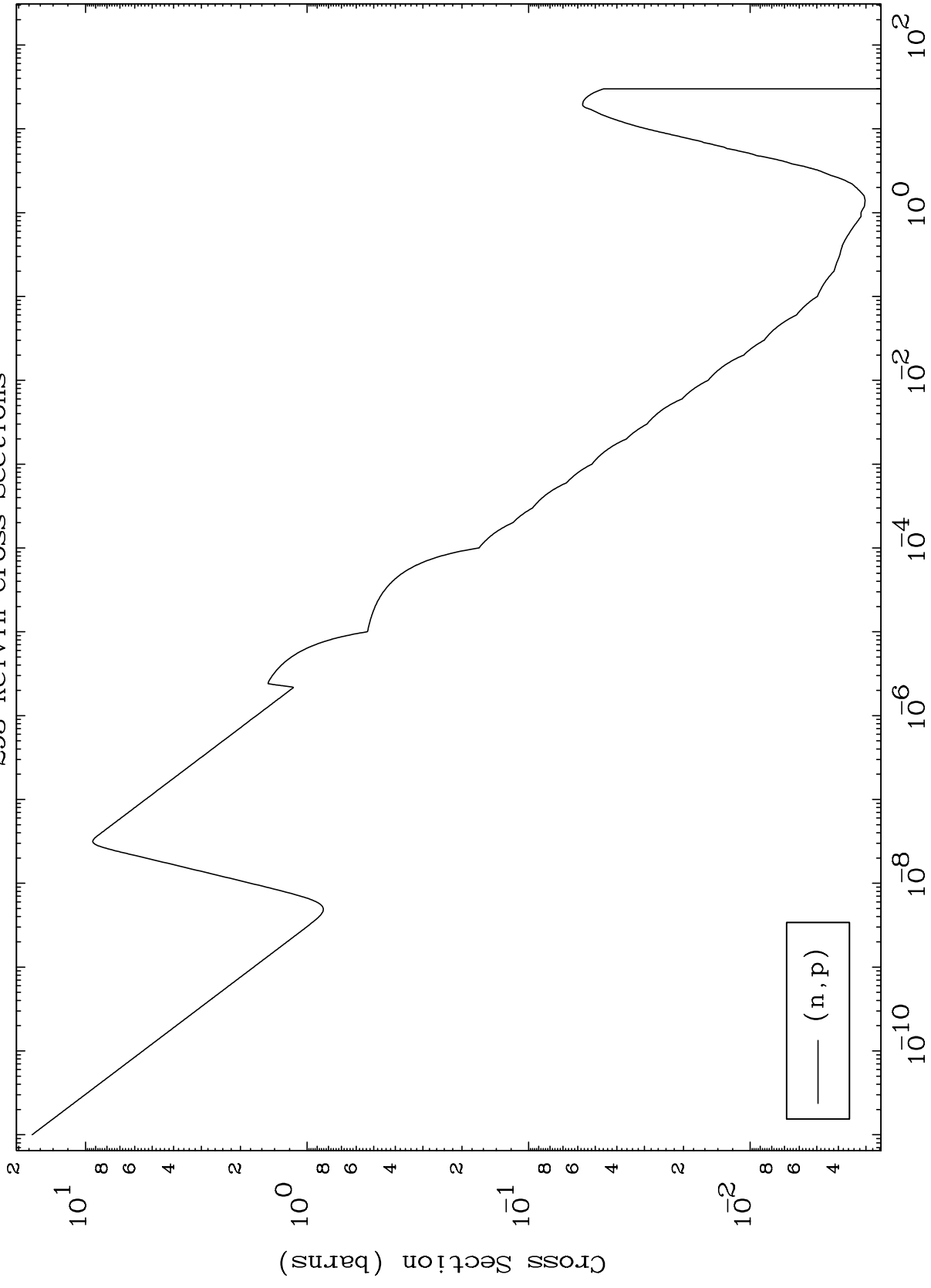
293 Kelvin Cross Sections



MAT 7698

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-182



10

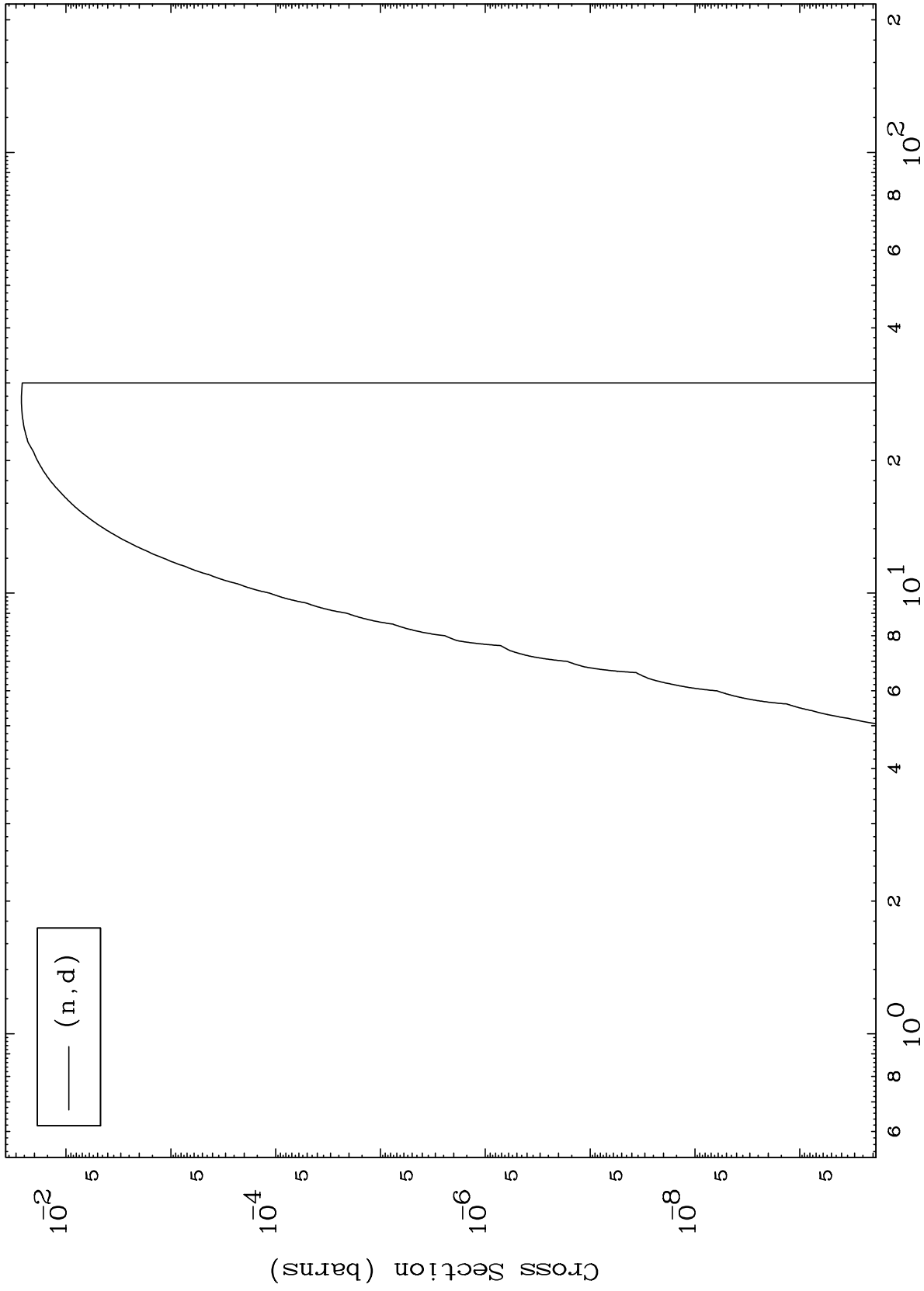
Incident Energy (MeV)

77-Ir-182

MAT 7698

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-182



11

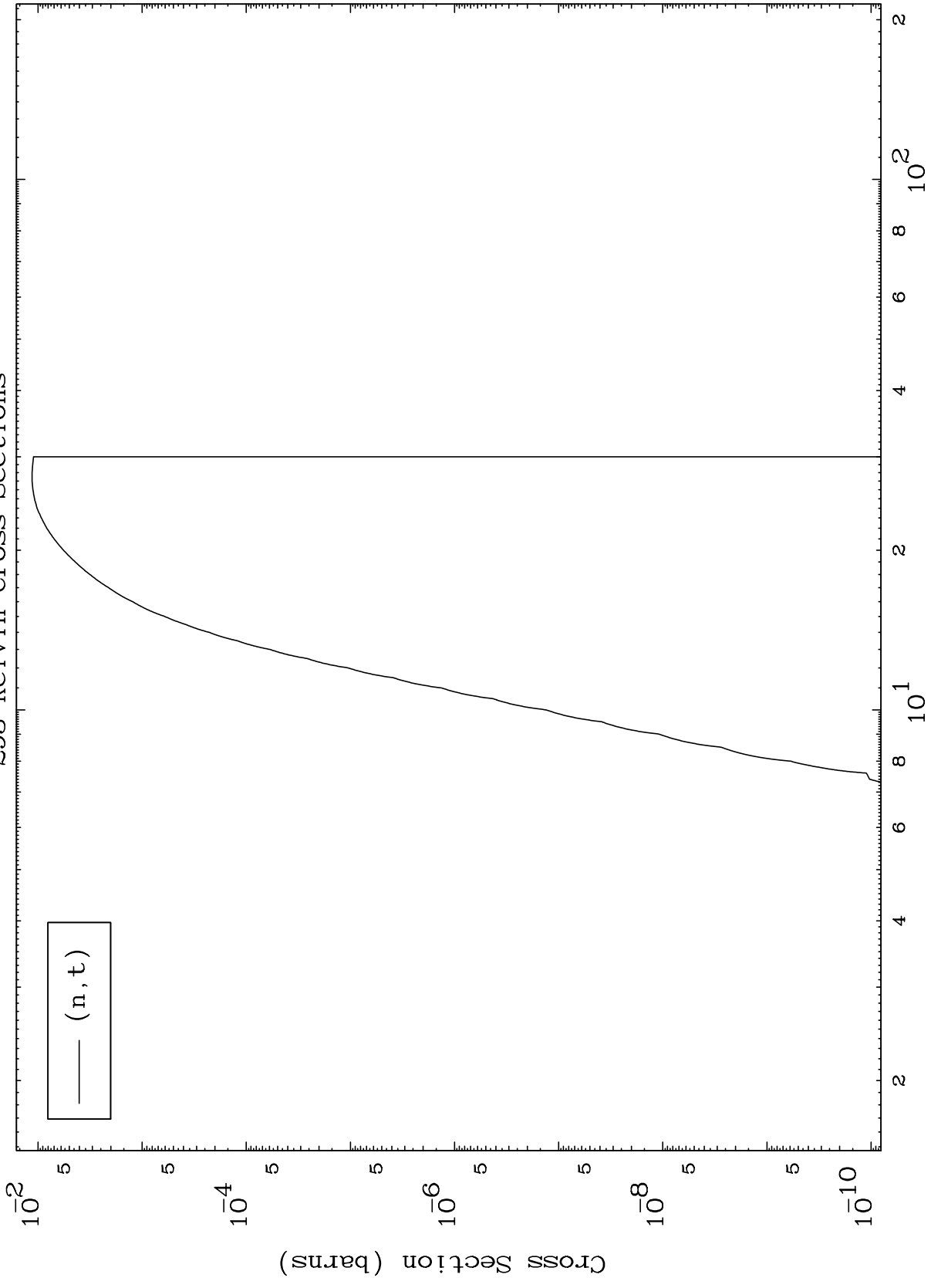
Incident Energy (MeV)

77-Ir-182

MAT 7698

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-182



12

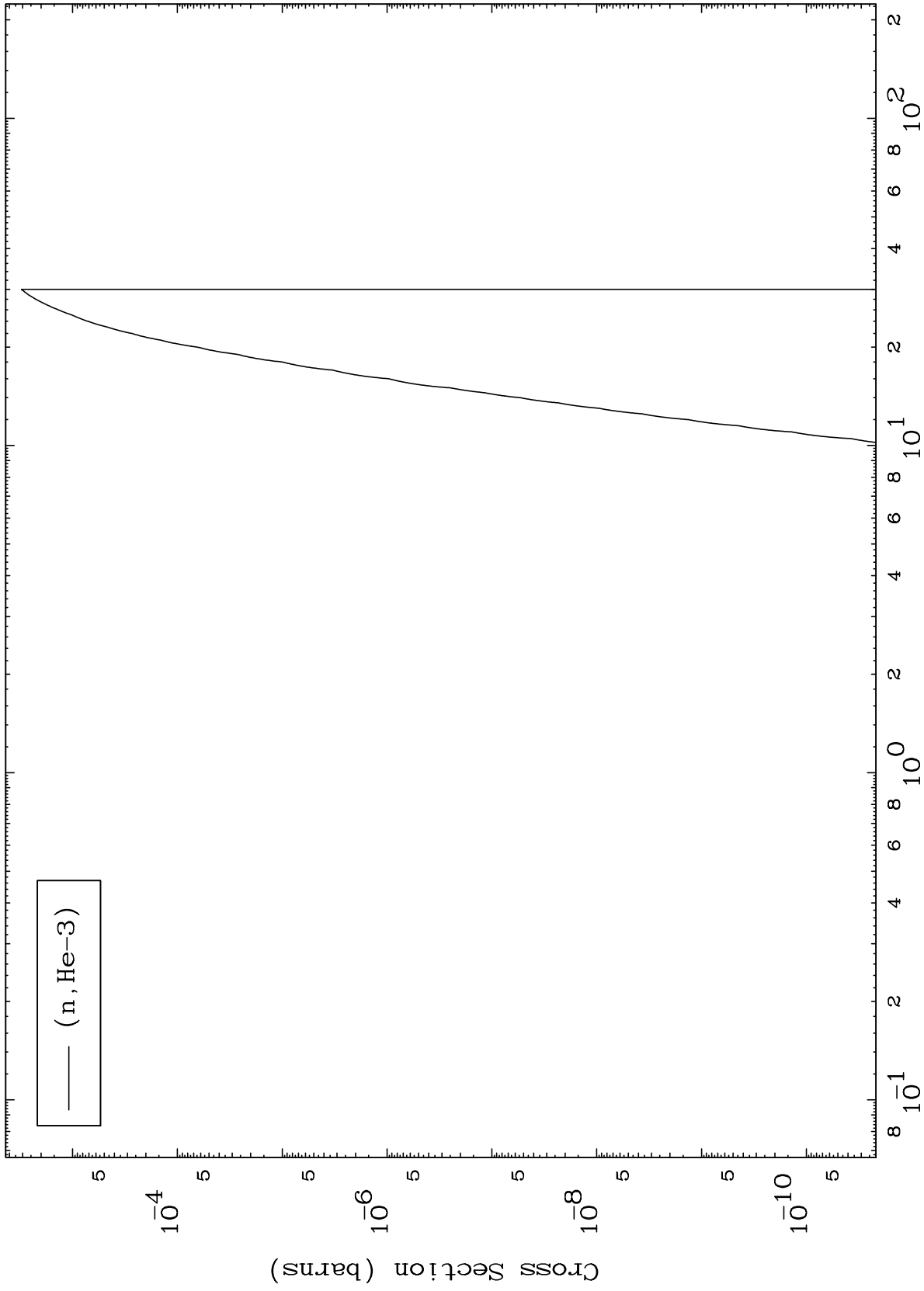
Incident Energy (MeV)

77-Ir-182

MAT 7698

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-182



13

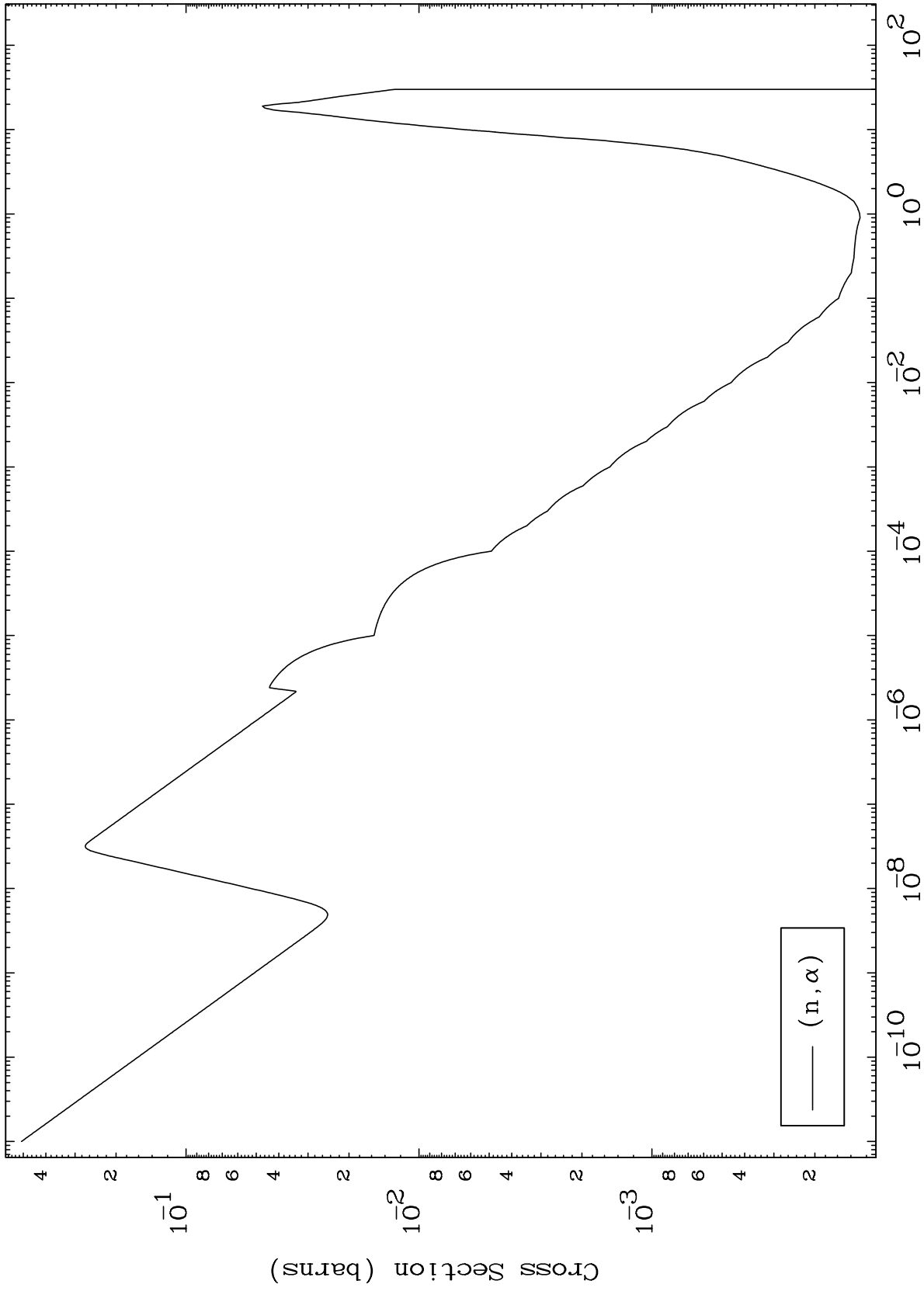
Incident Energy (MeV)

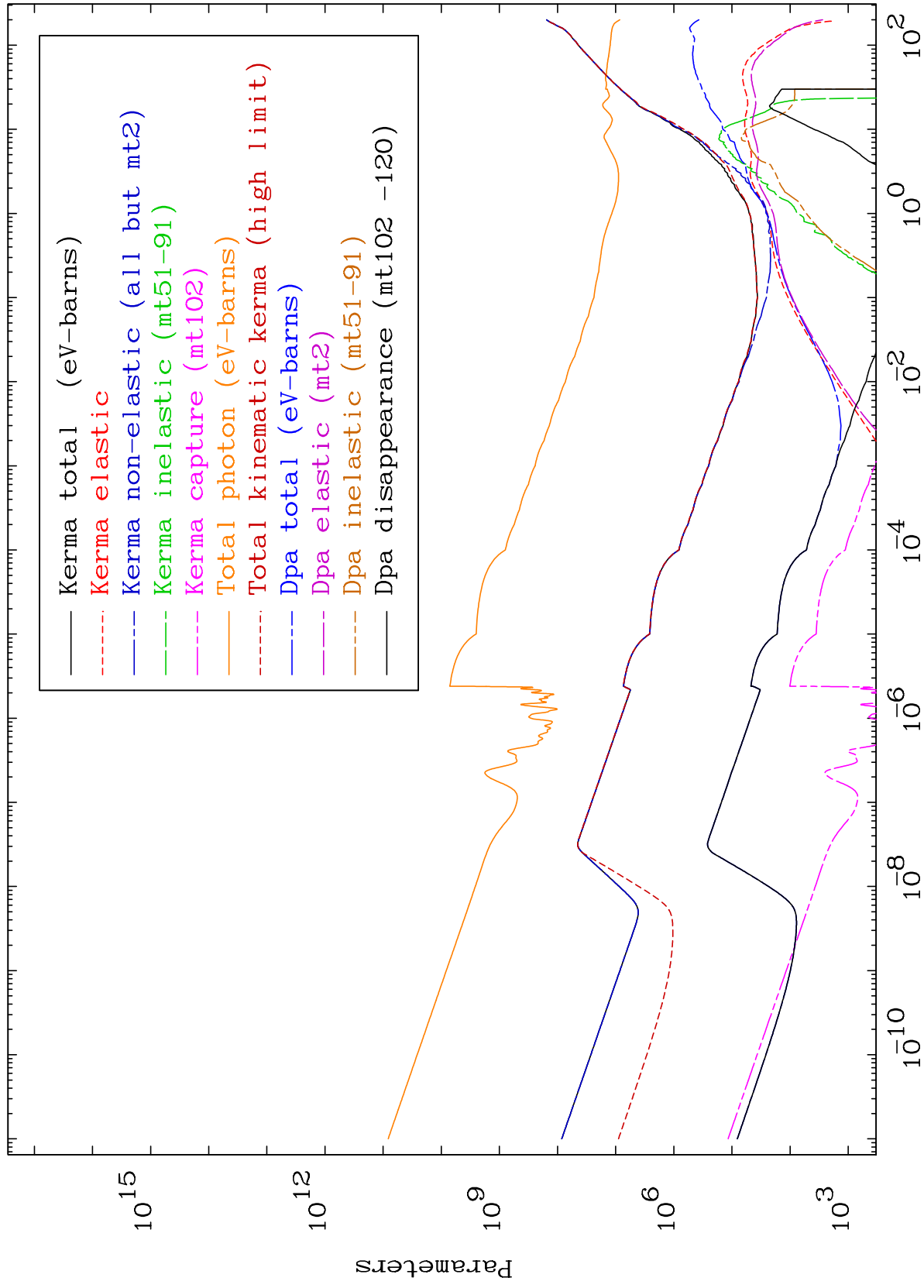
77-Ir-182

MAT 7698

(n, α) Levels
293 Kelvin Cross Sections

77-Ir-182





MAT 7698

Elastic Legendre Coefficients

77-Ir-182



16

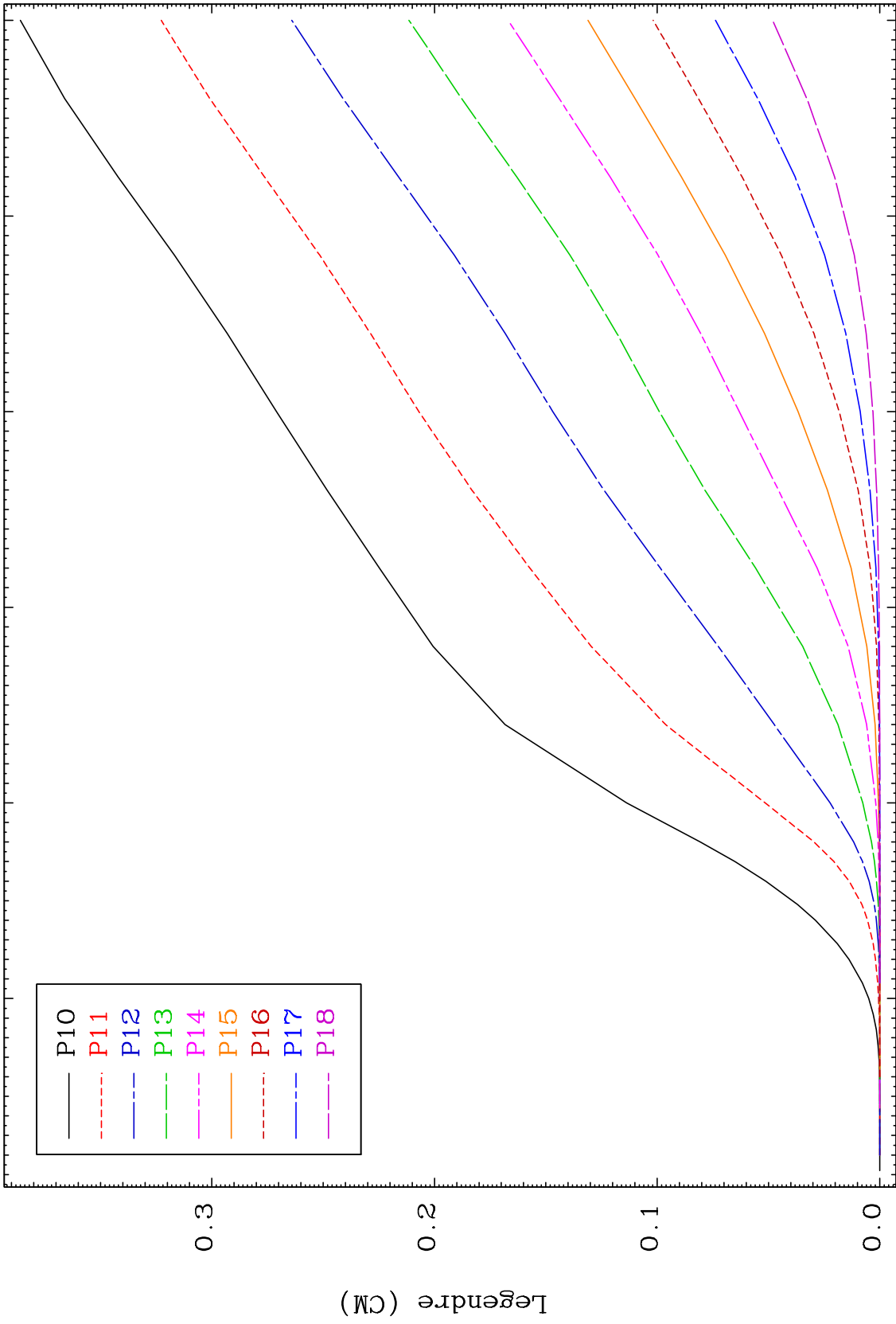
Incident Energy (MeV)

77-Ir-182

MAT 7698

Elastic Legendre Coefficients

77-Ir-182



17

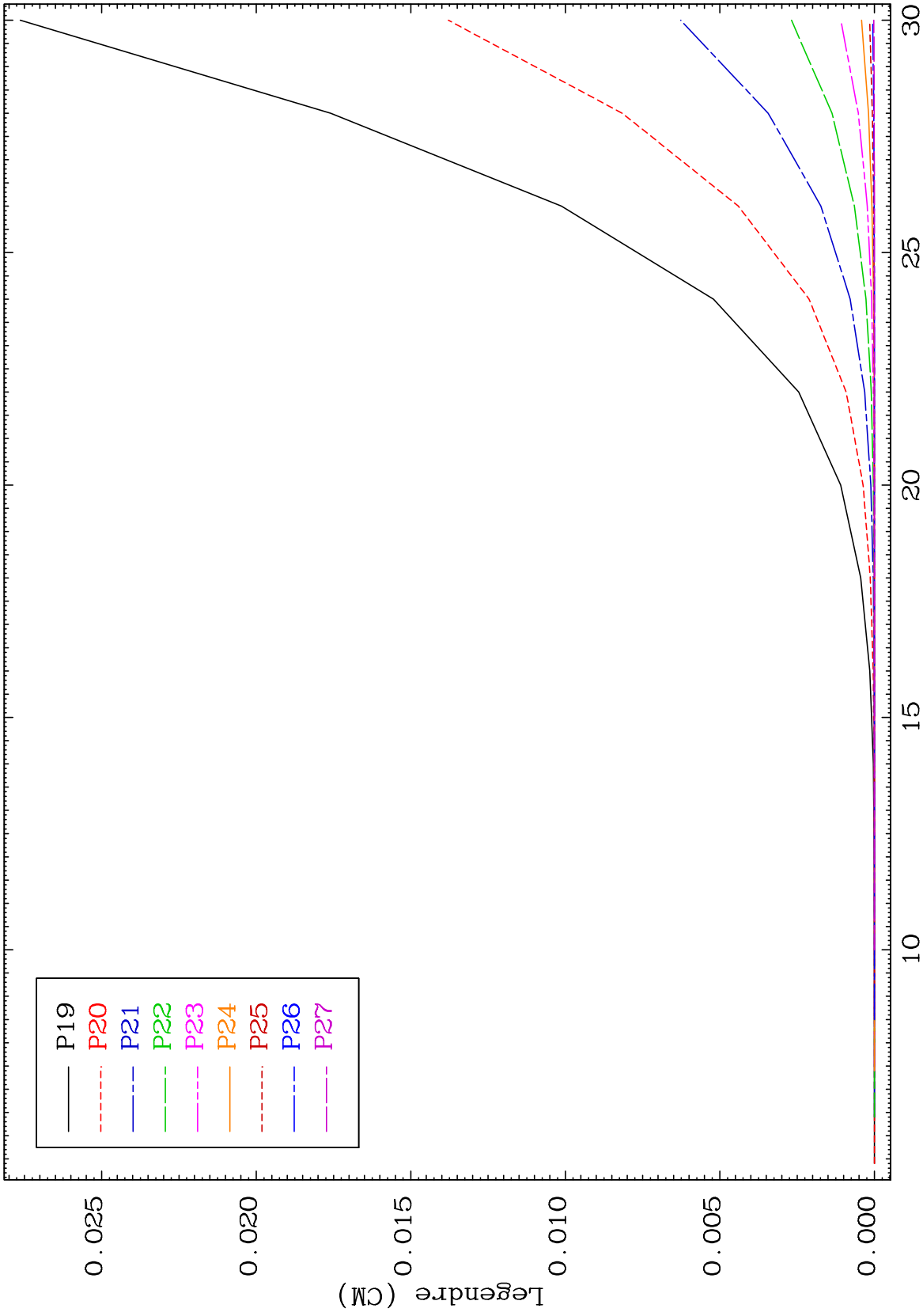
Incident Energy (MeV)

77-Ir-182

MAT 7698

Elastic Legendre Coefficients

77-Ir-182



18

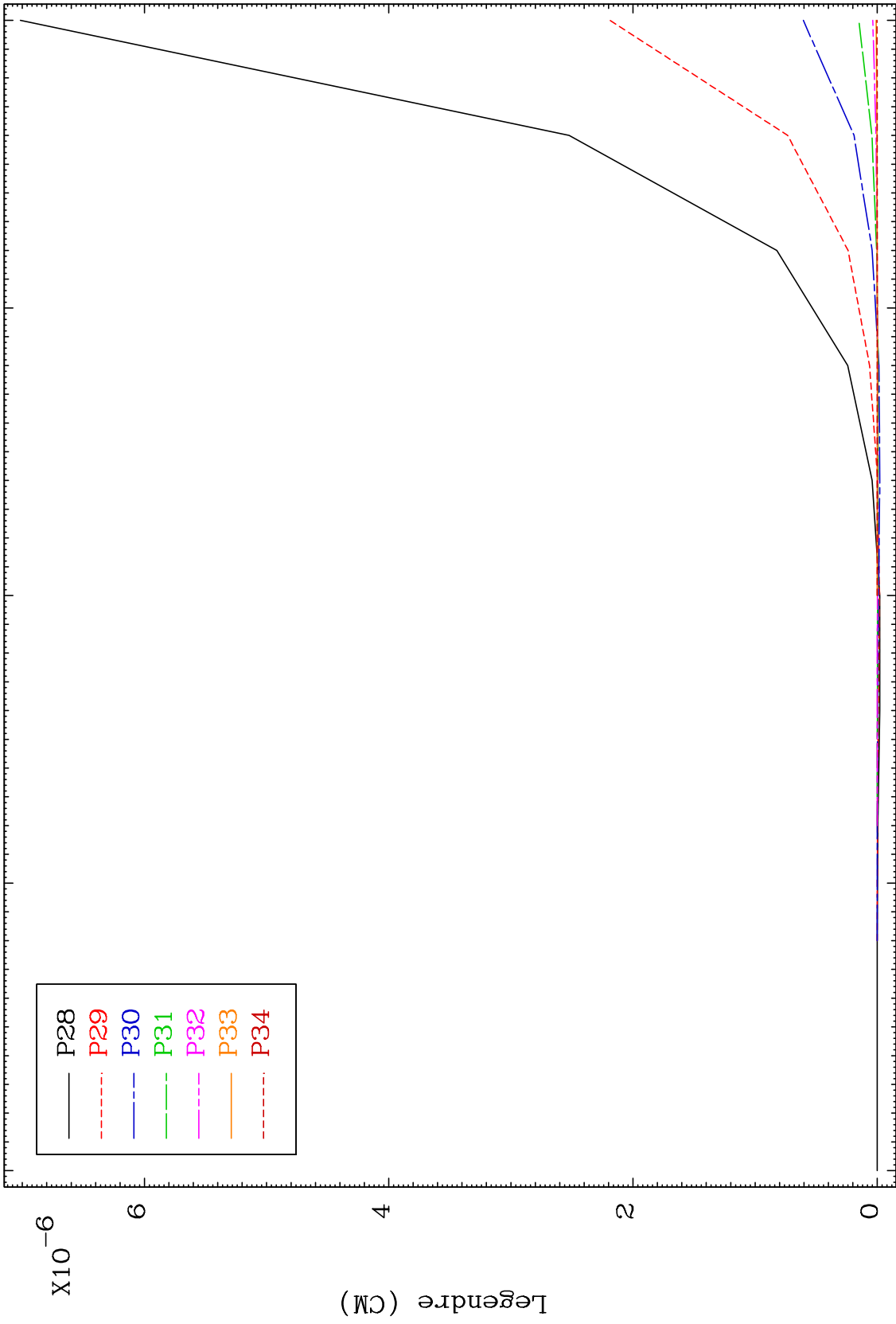
Incident Energy (MeV)

77-Ir-182

MAT 7698

Elastic Legendre Coefficients

77-Ir-182



19

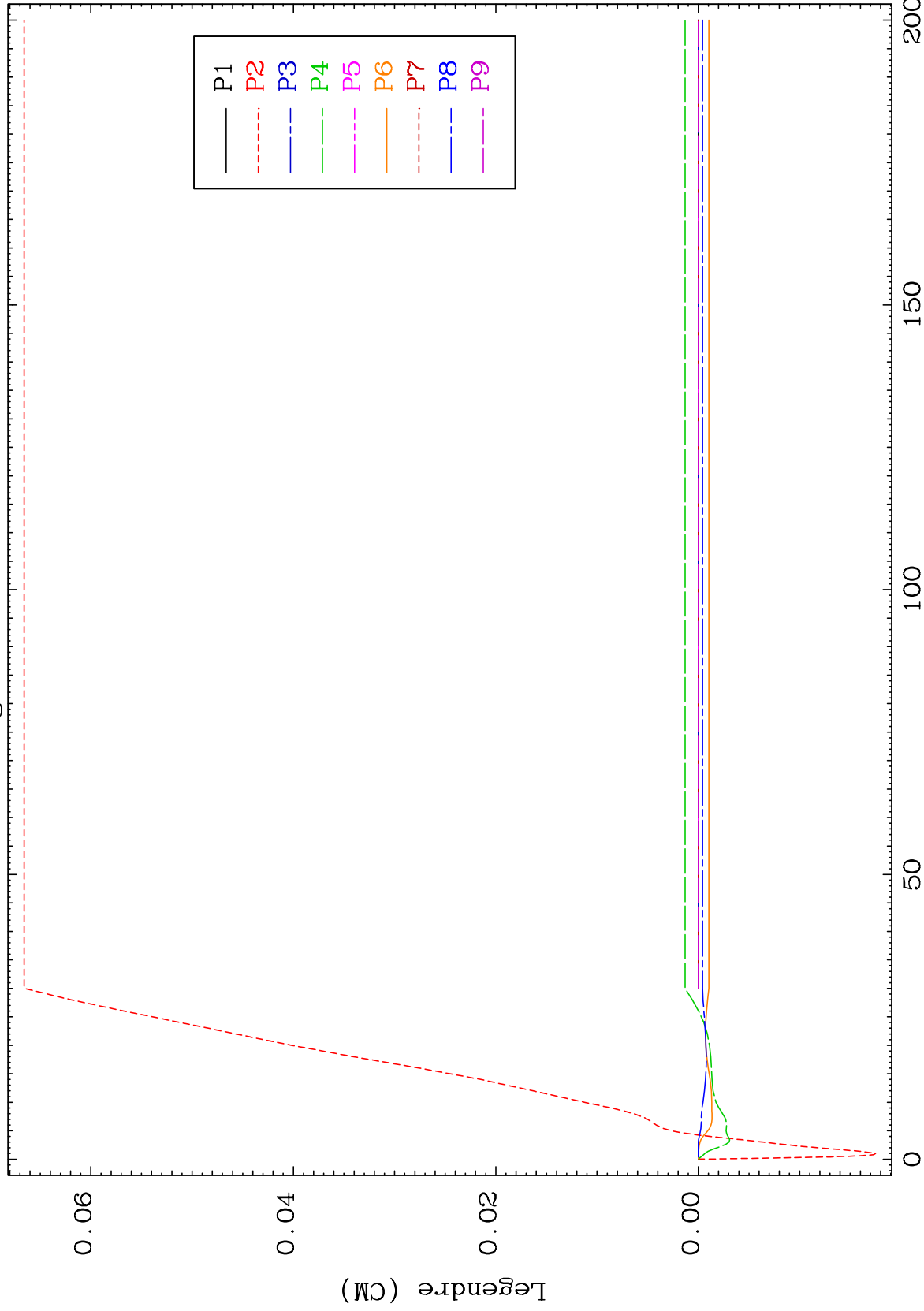
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

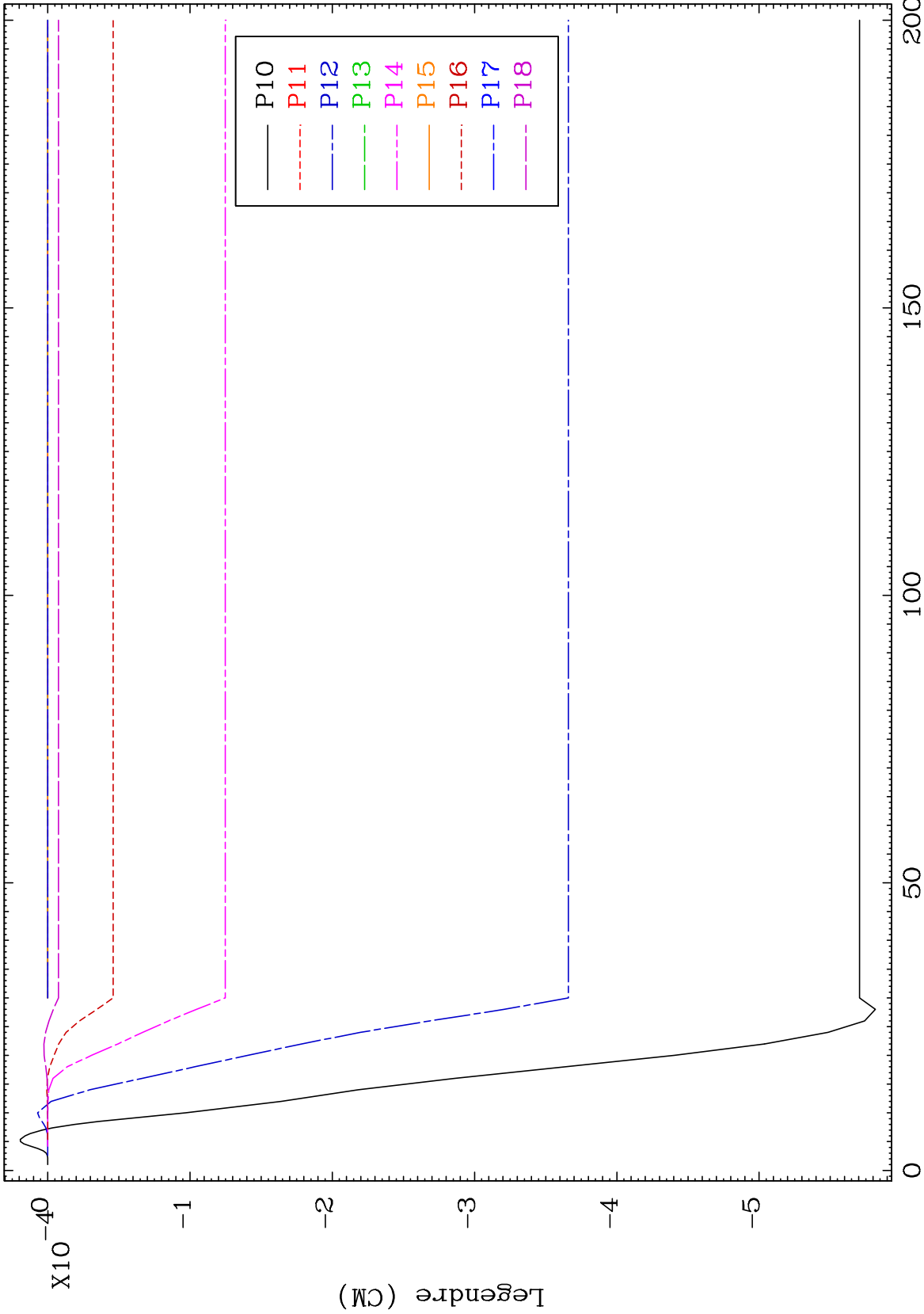
Incident Energy (MeV)

20

MAT 7698

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

77-Ir-182



21

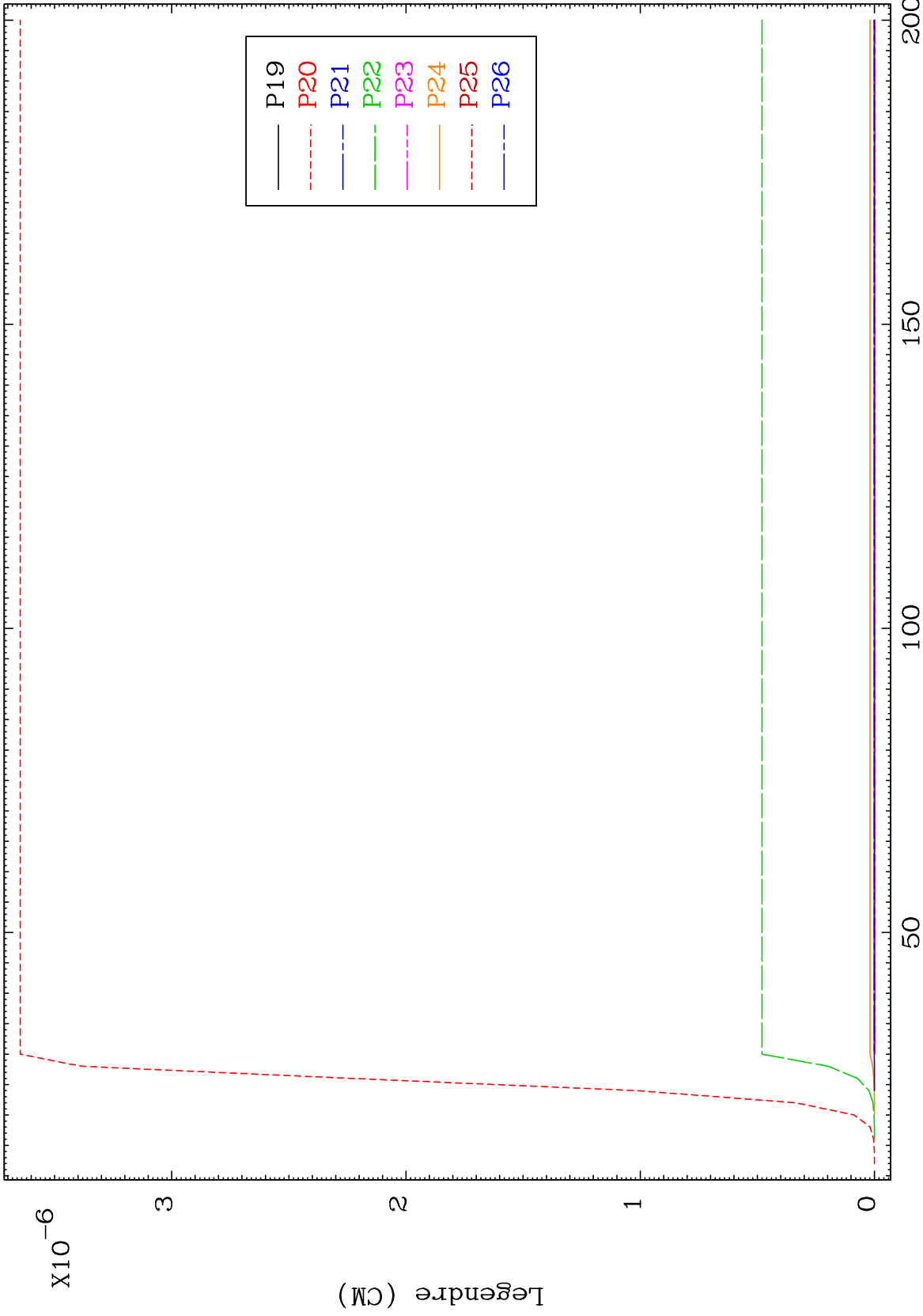
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



22

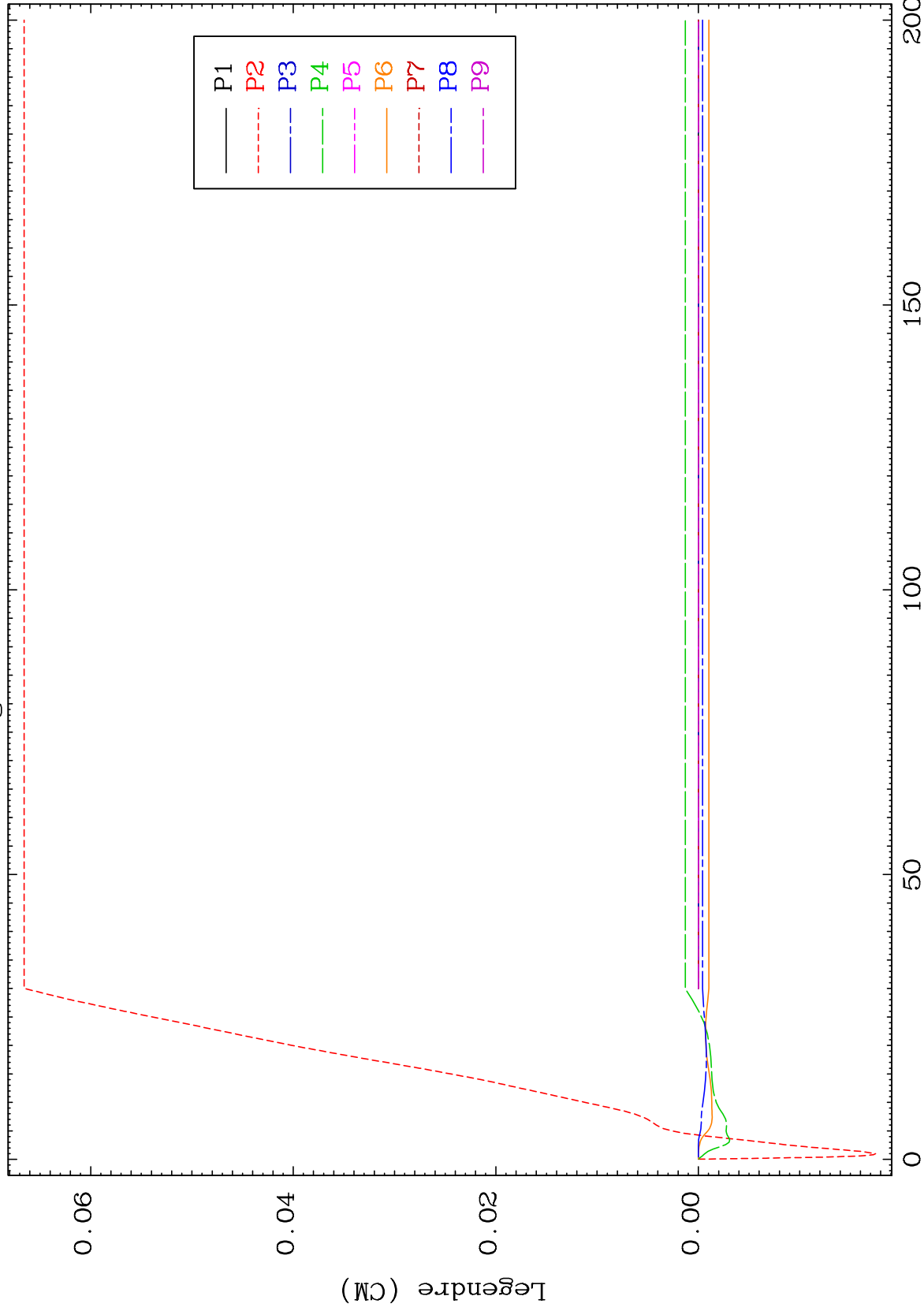
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



23

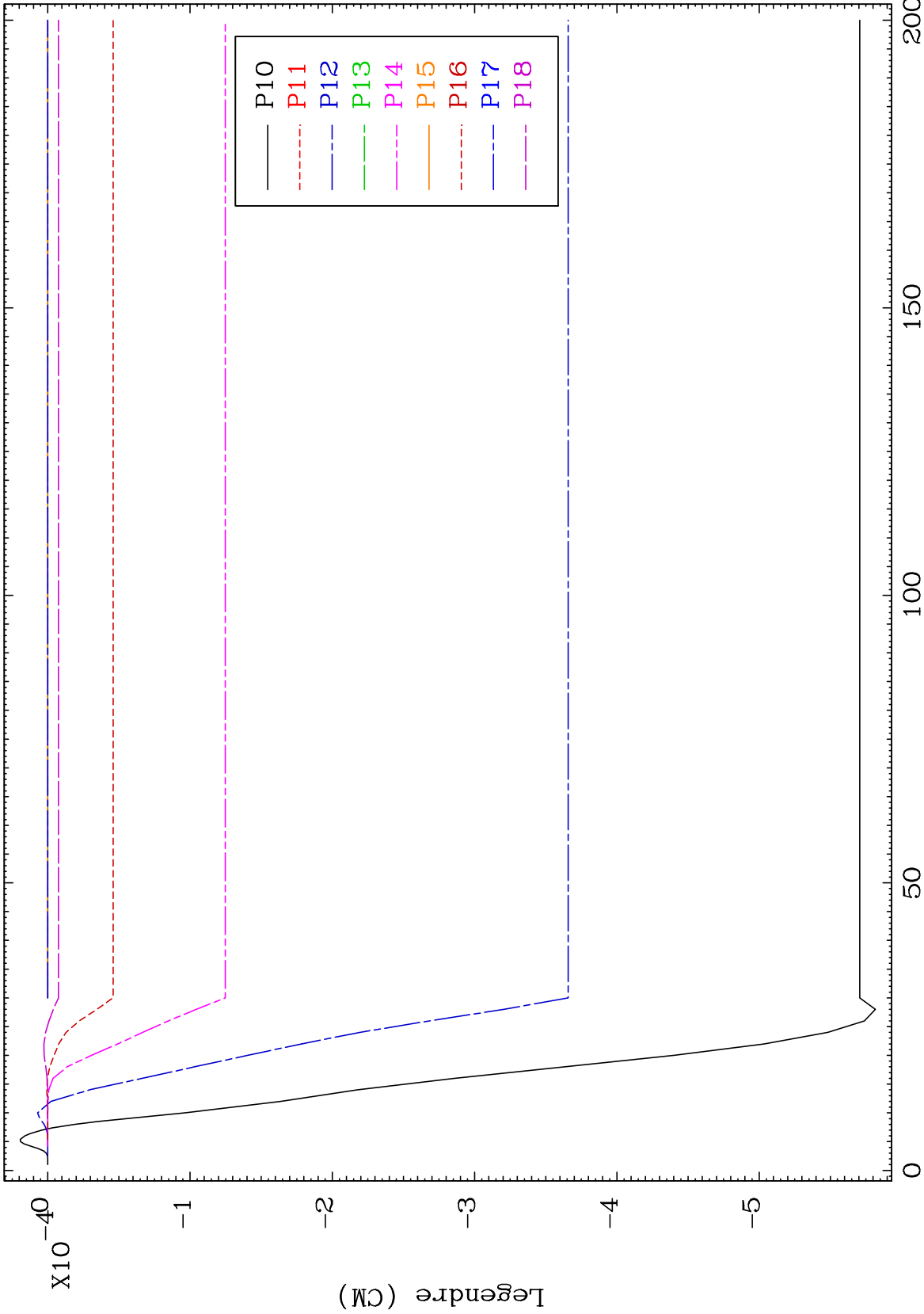
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



24

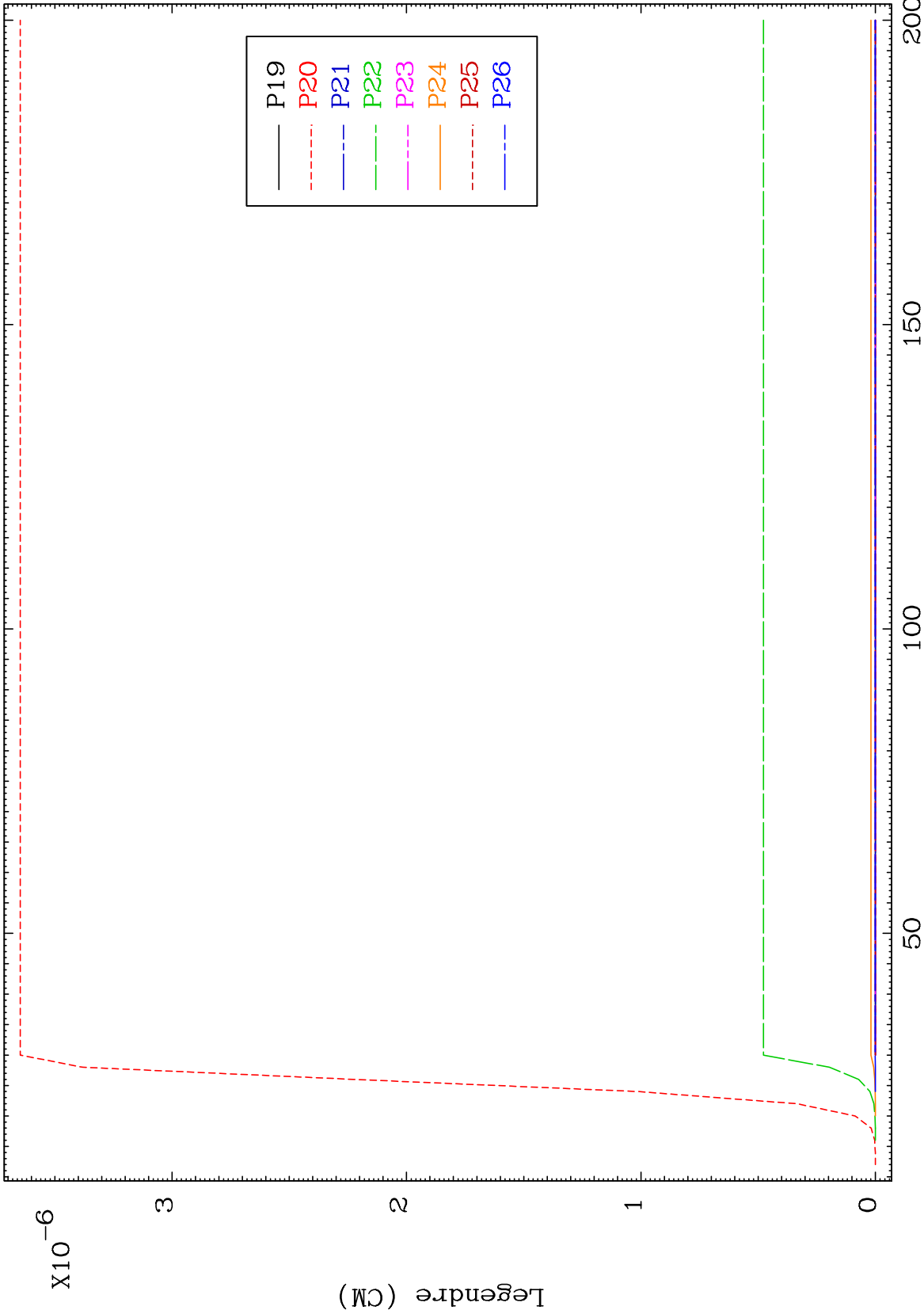
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



25

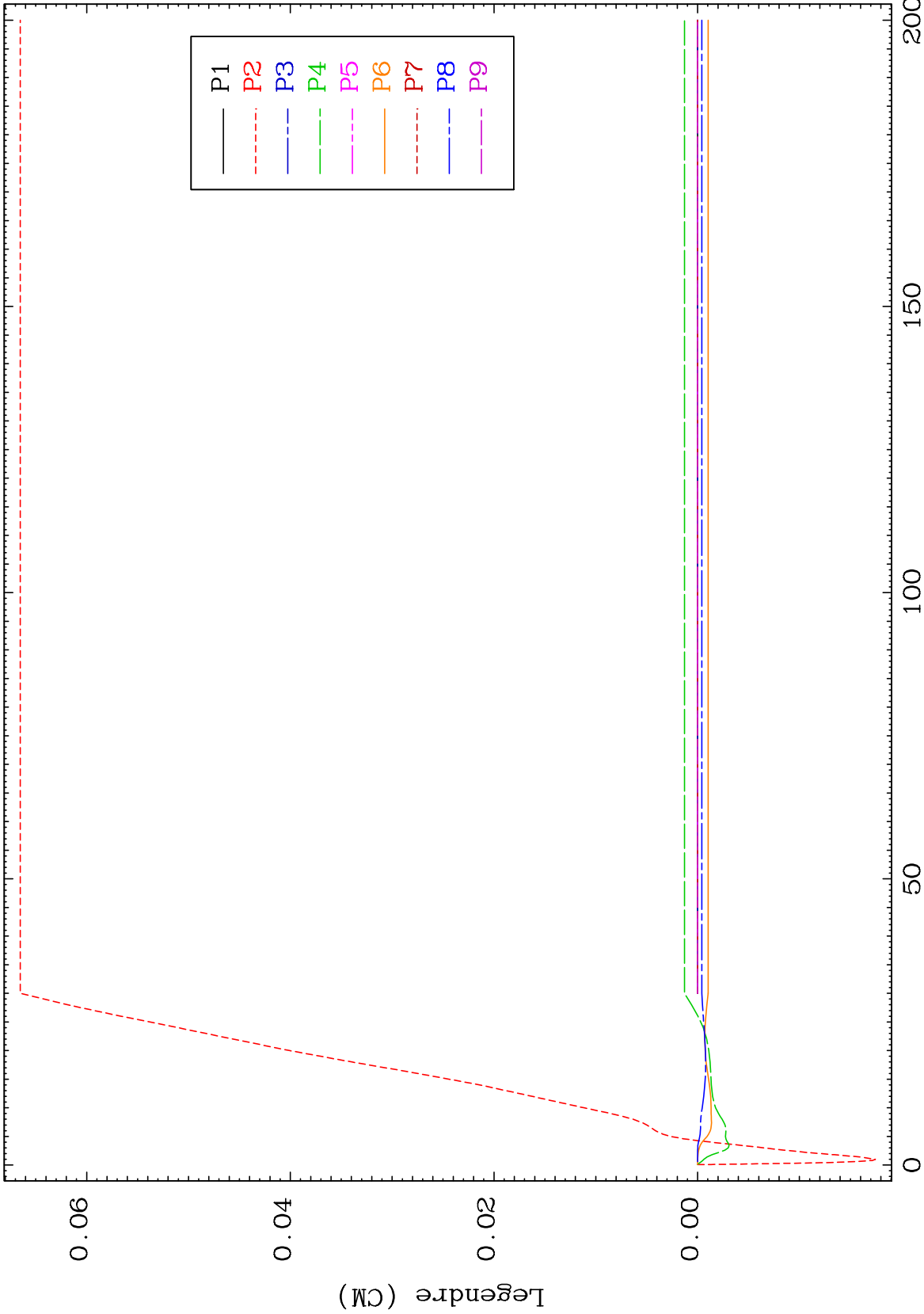
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



26

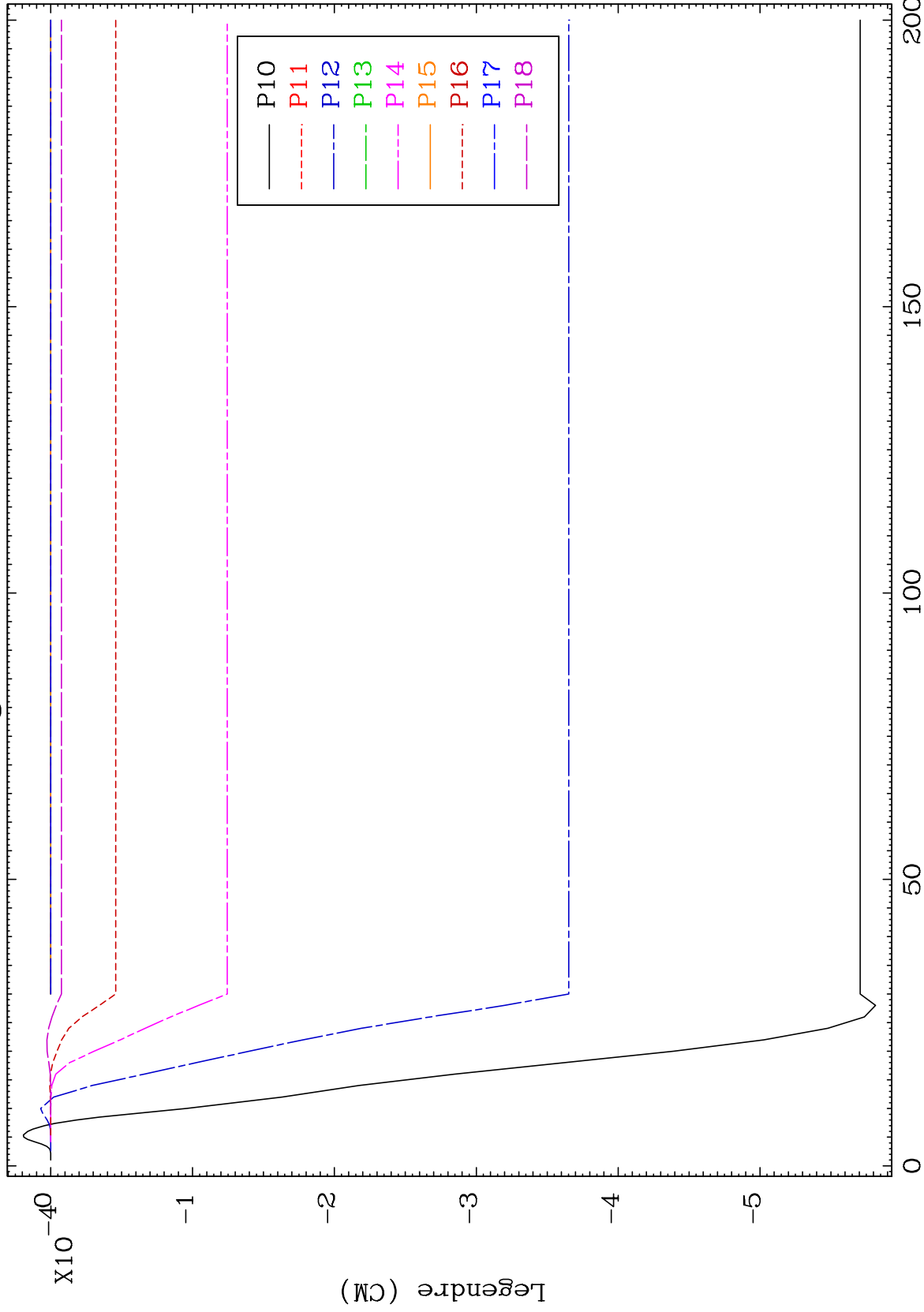
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



27

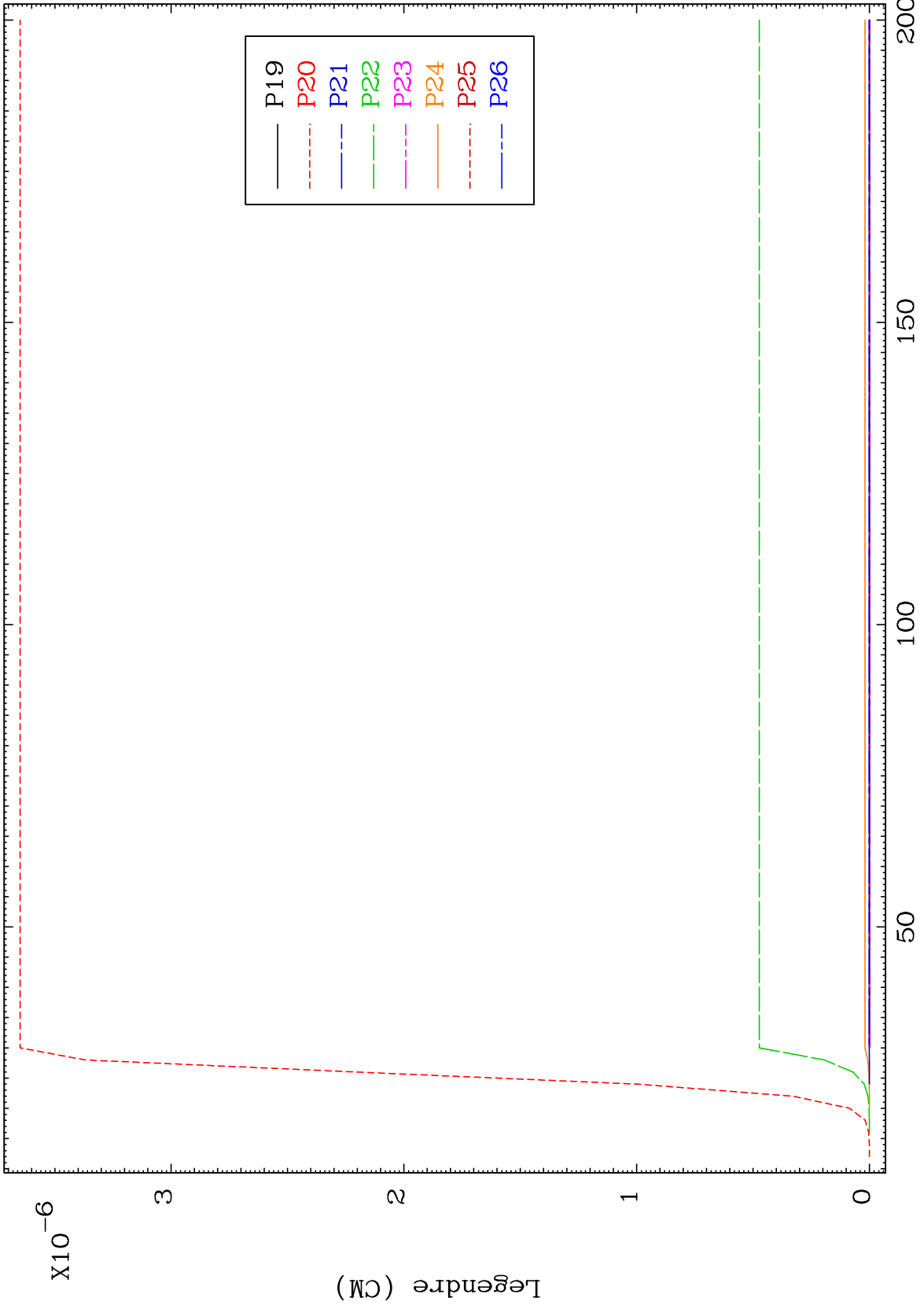
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



28

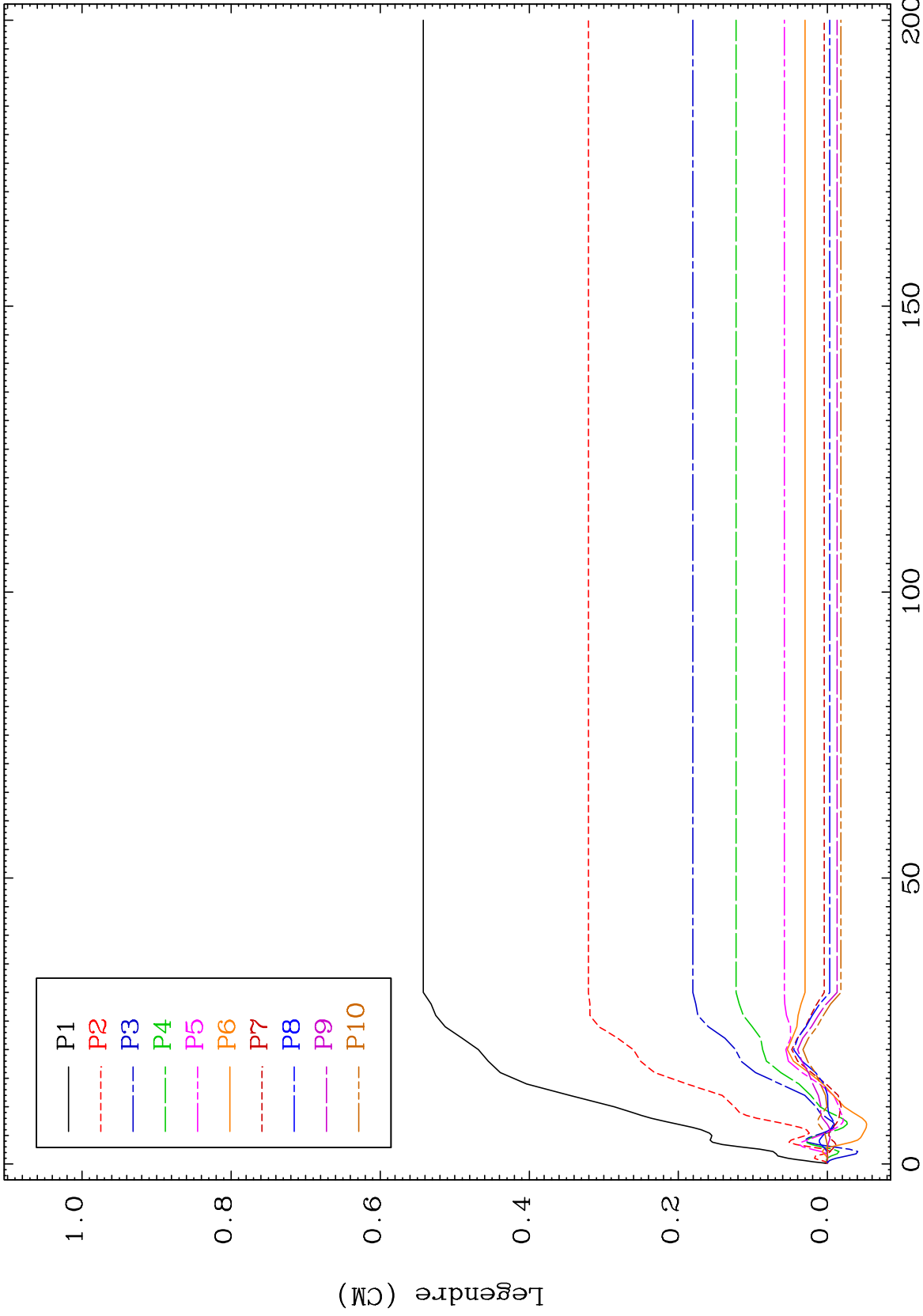
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



29

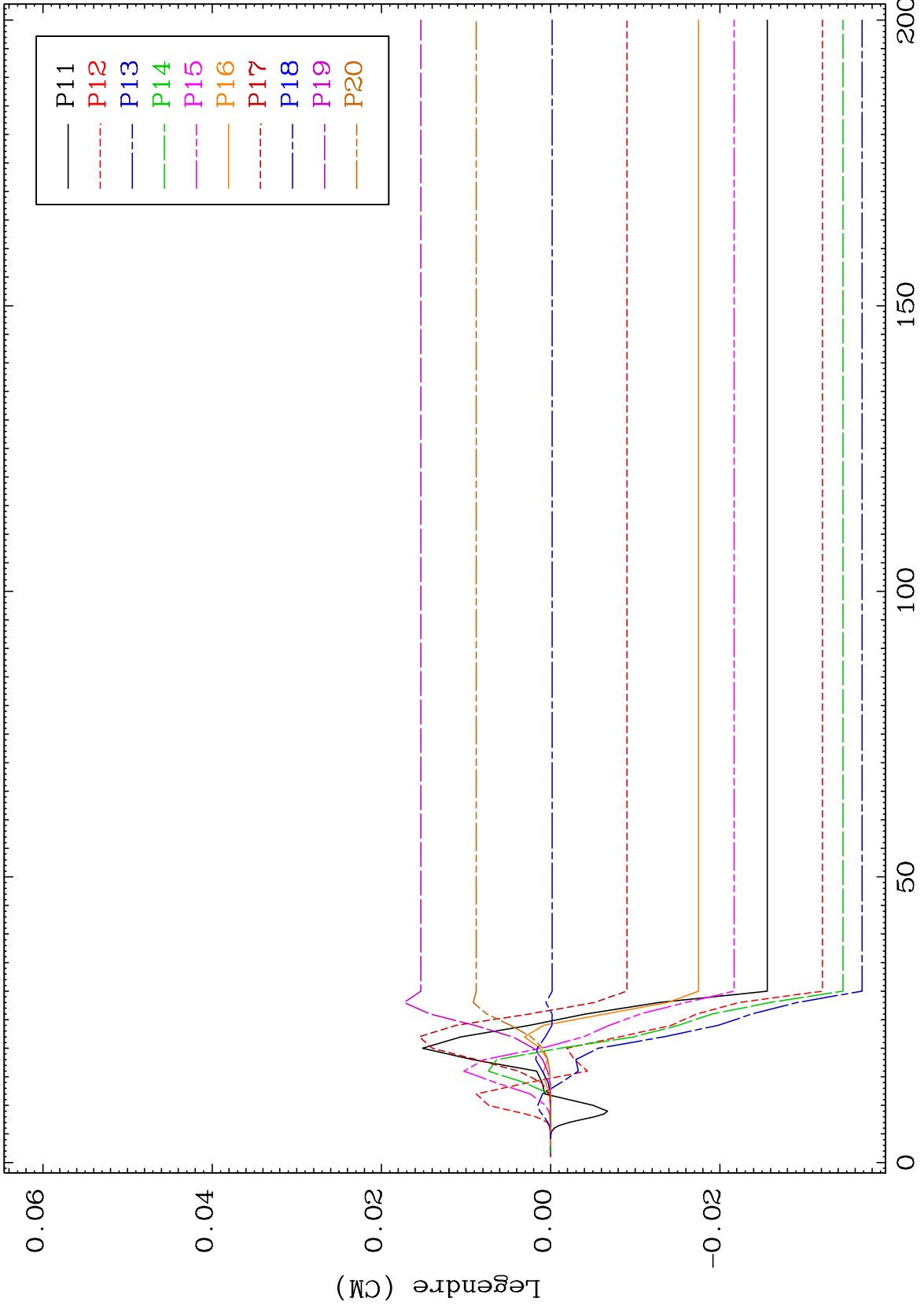
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

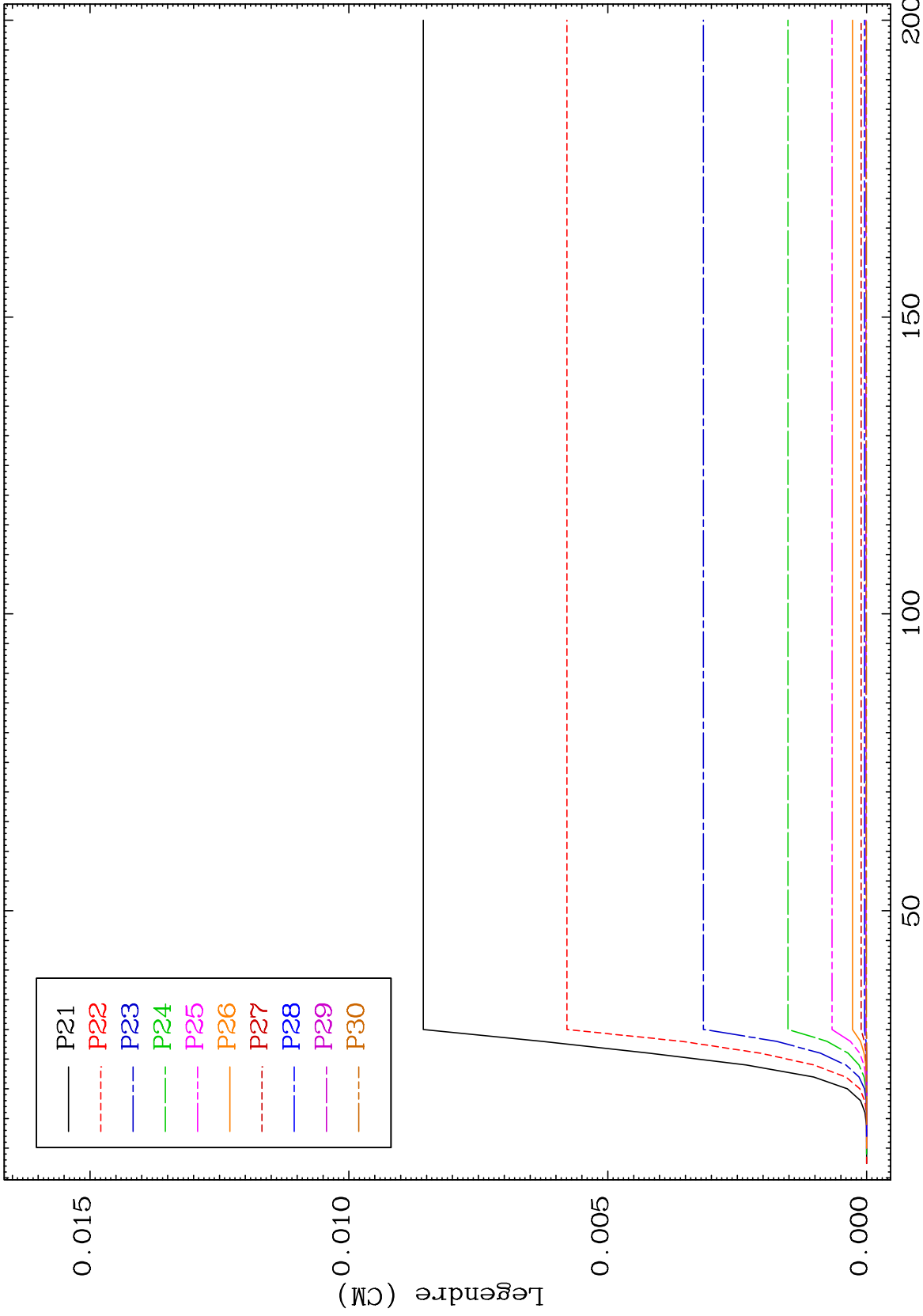
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30

Incident Energy (MeV)

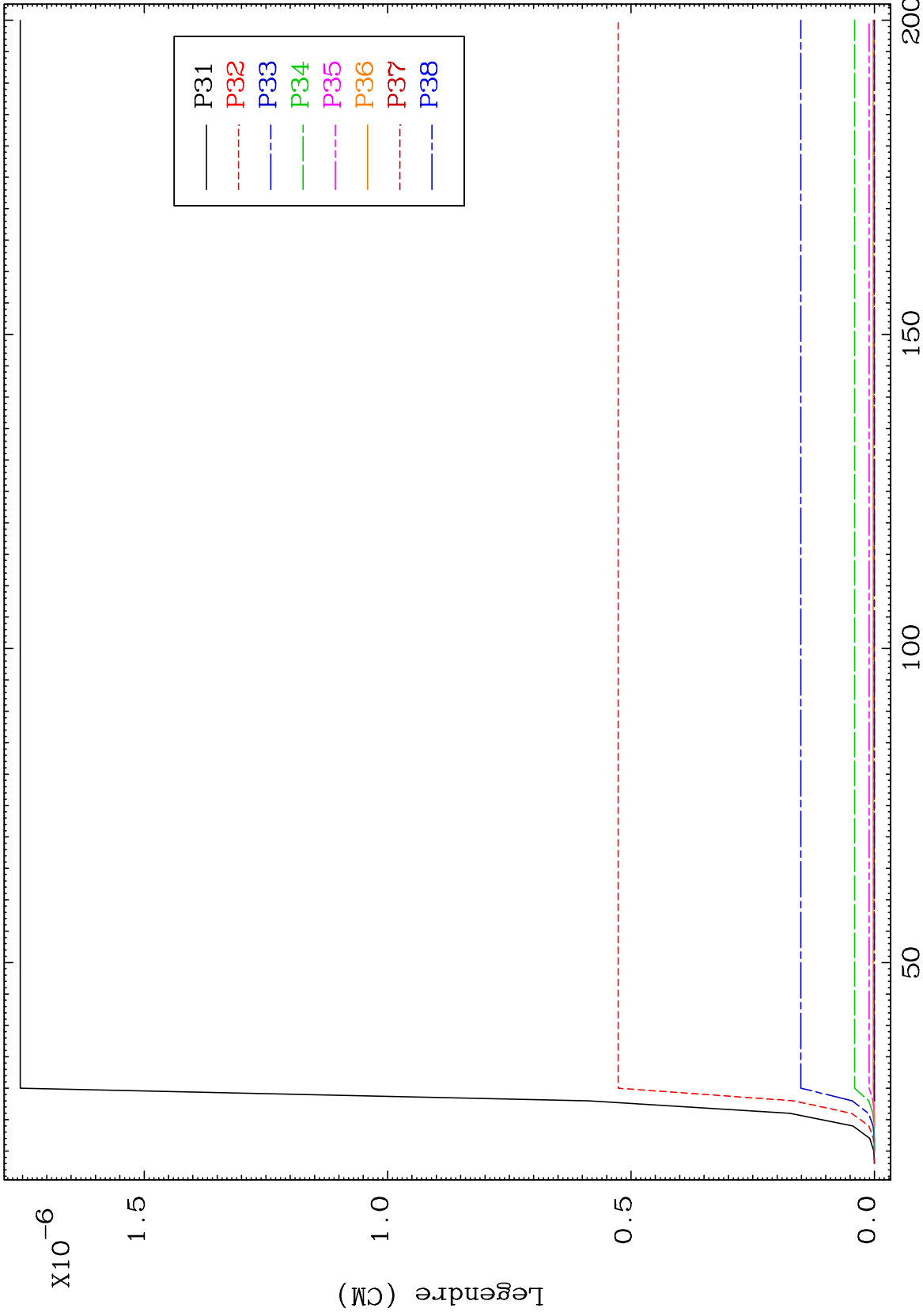
77-Ir-182



MAT 7698

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

77-Ir-182



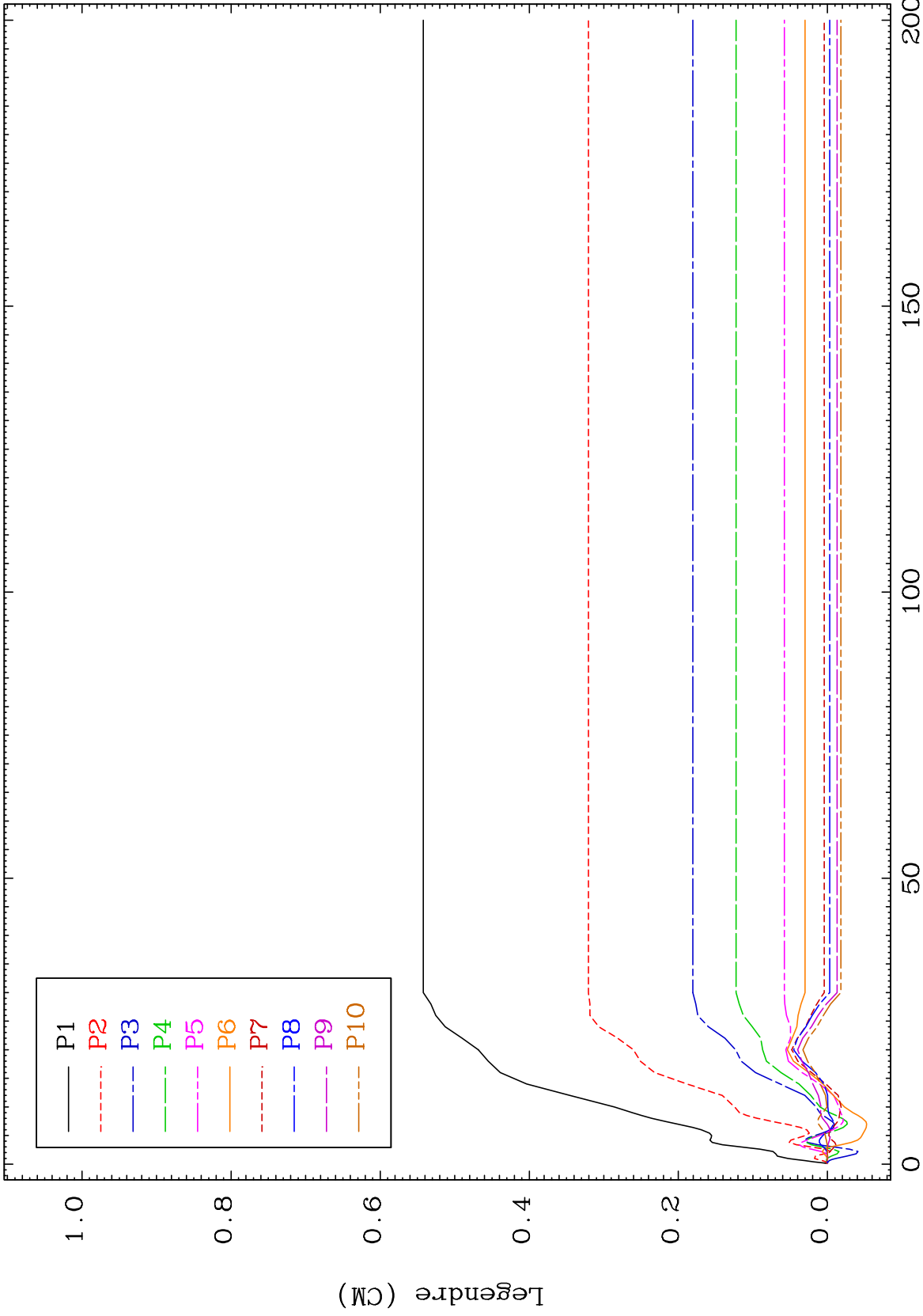
32

77-Ir-182

MAT 7698

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

77-Ir-182



33

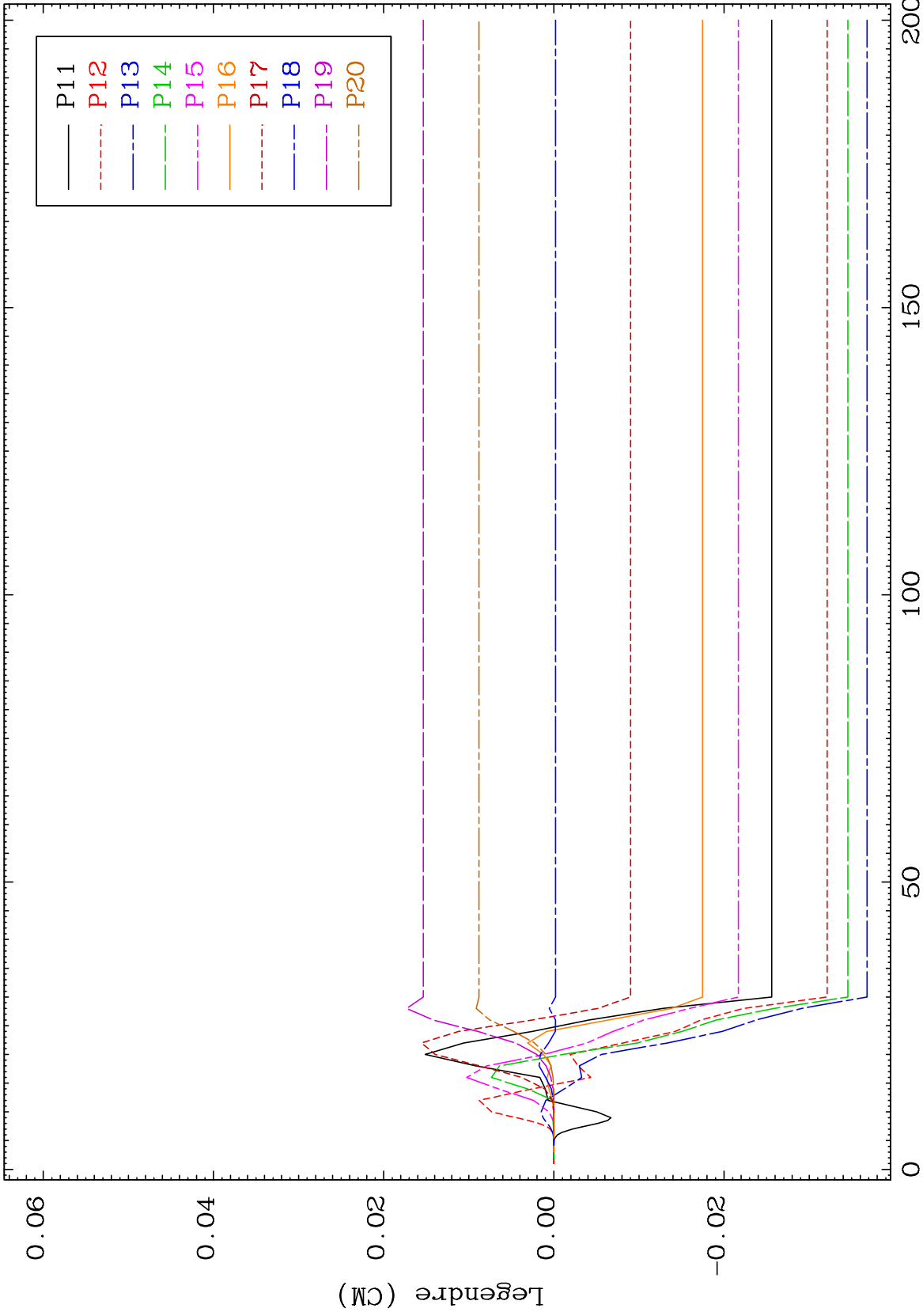
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



34

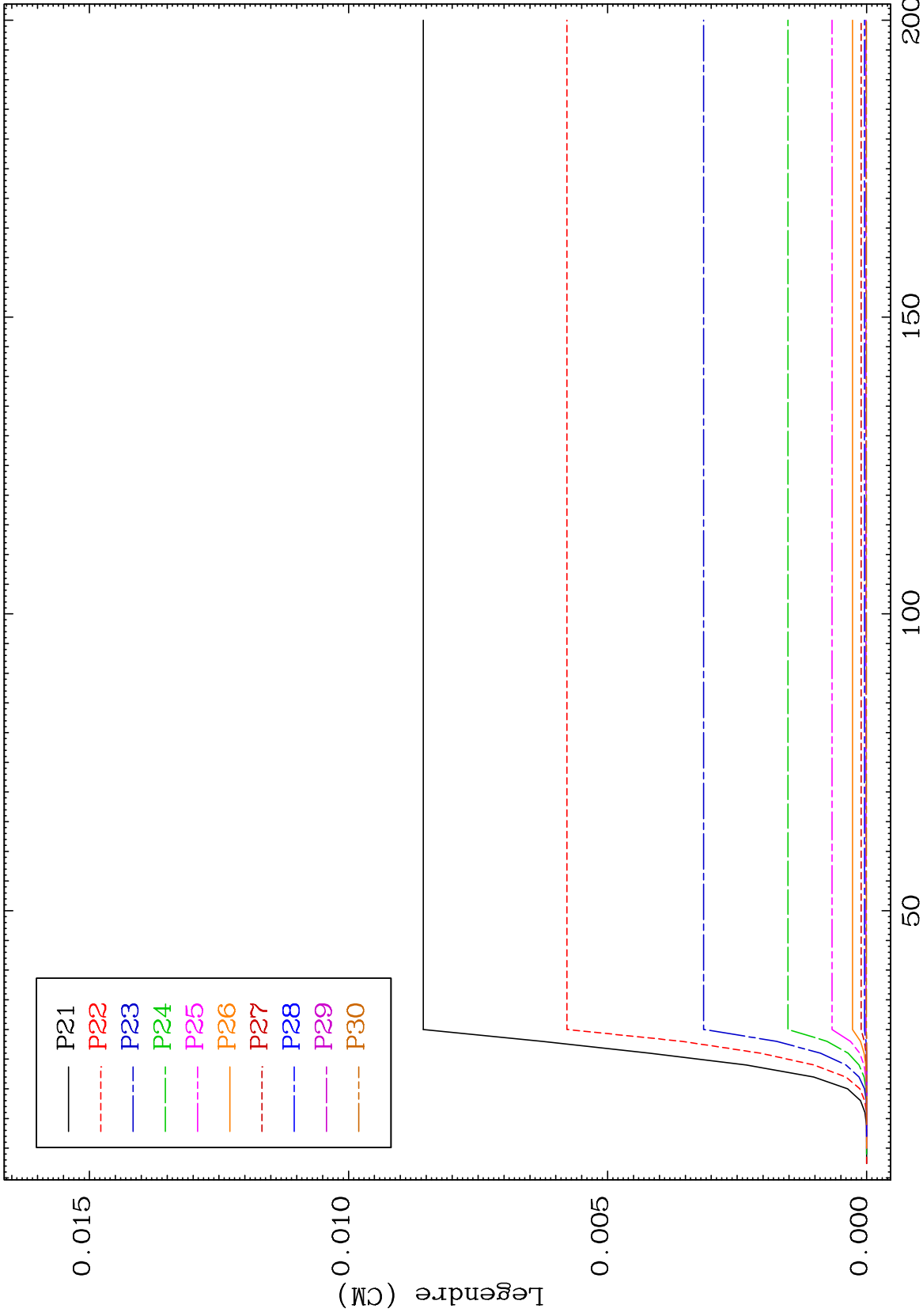
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



35

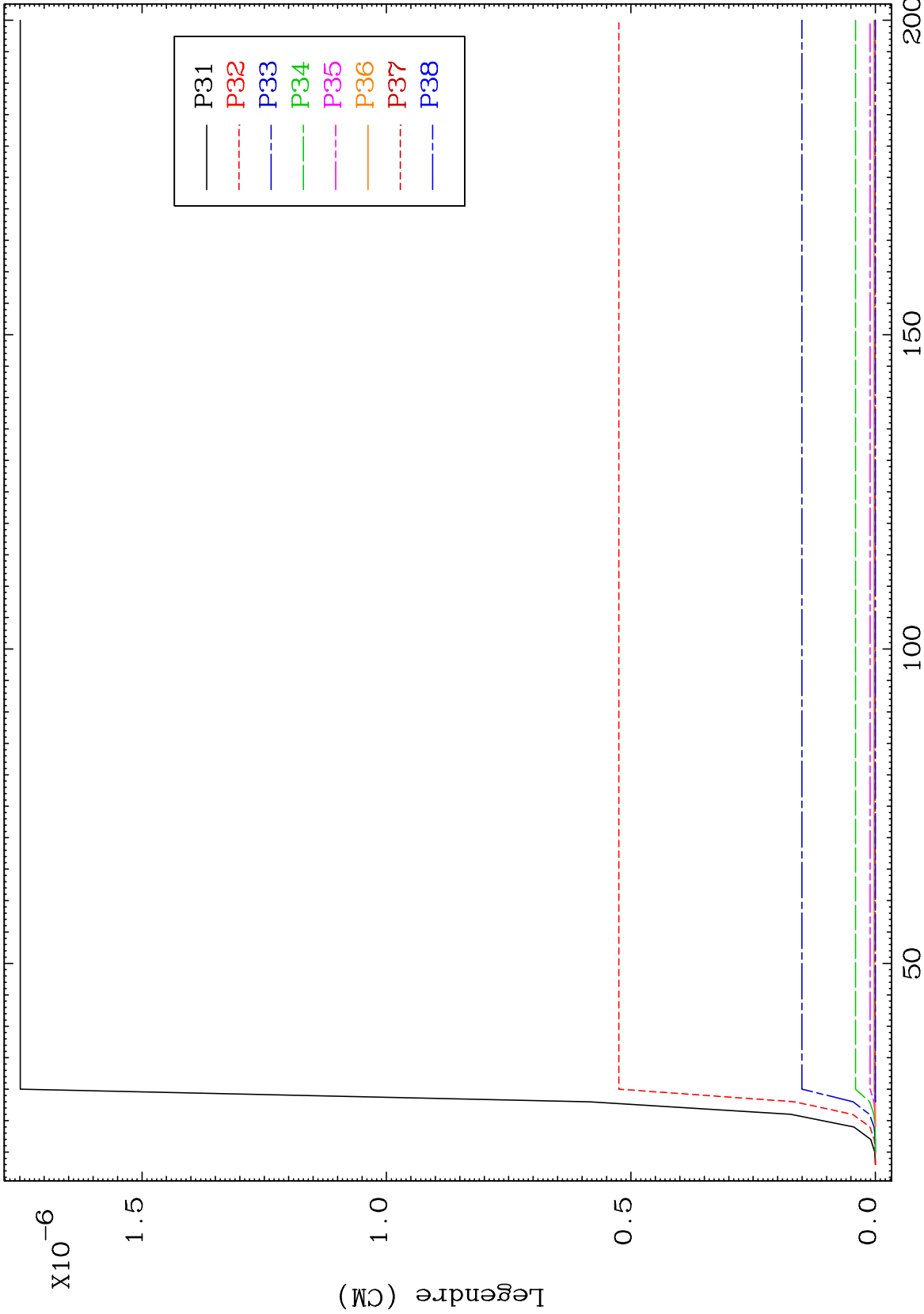
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



36

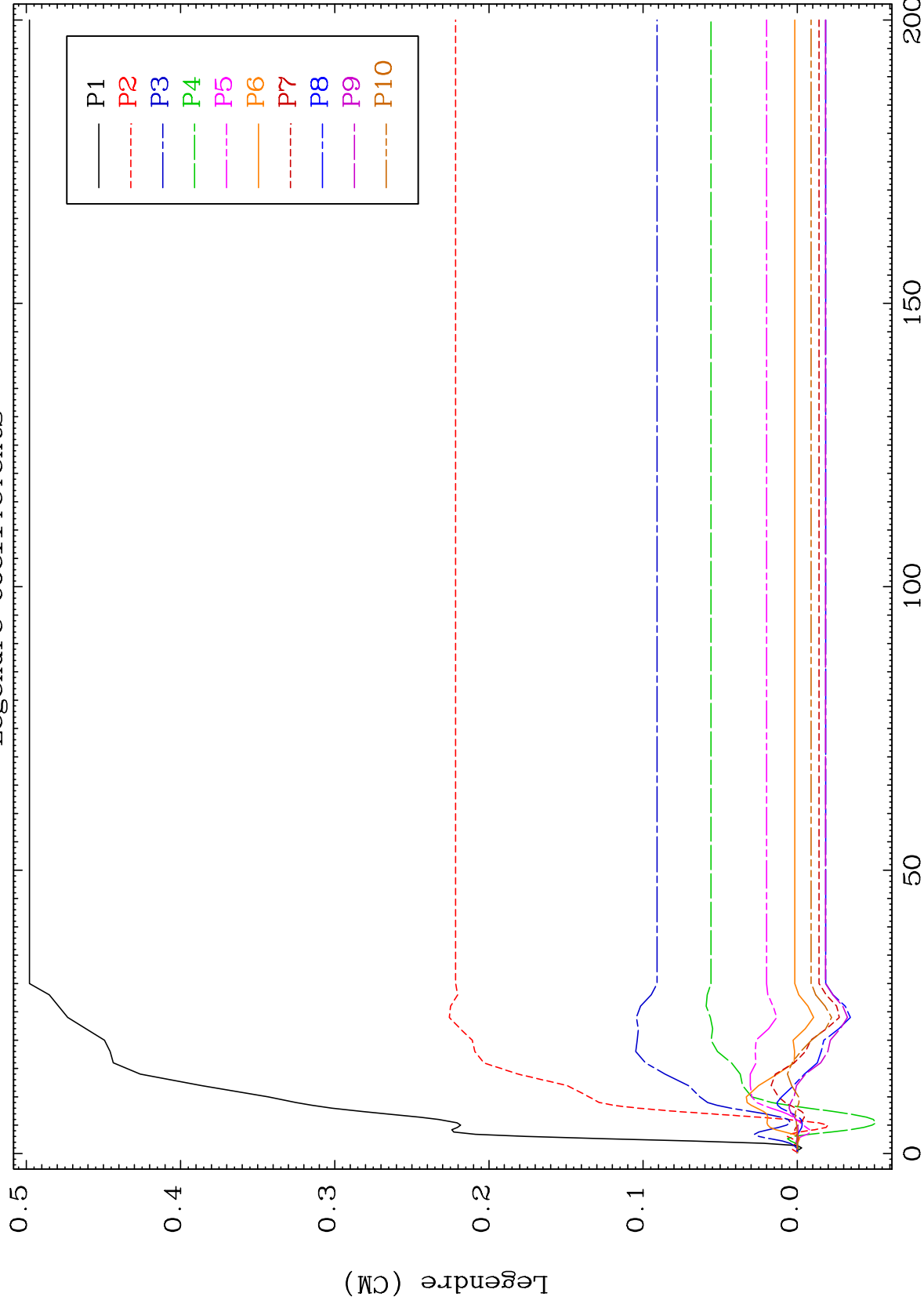
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



37

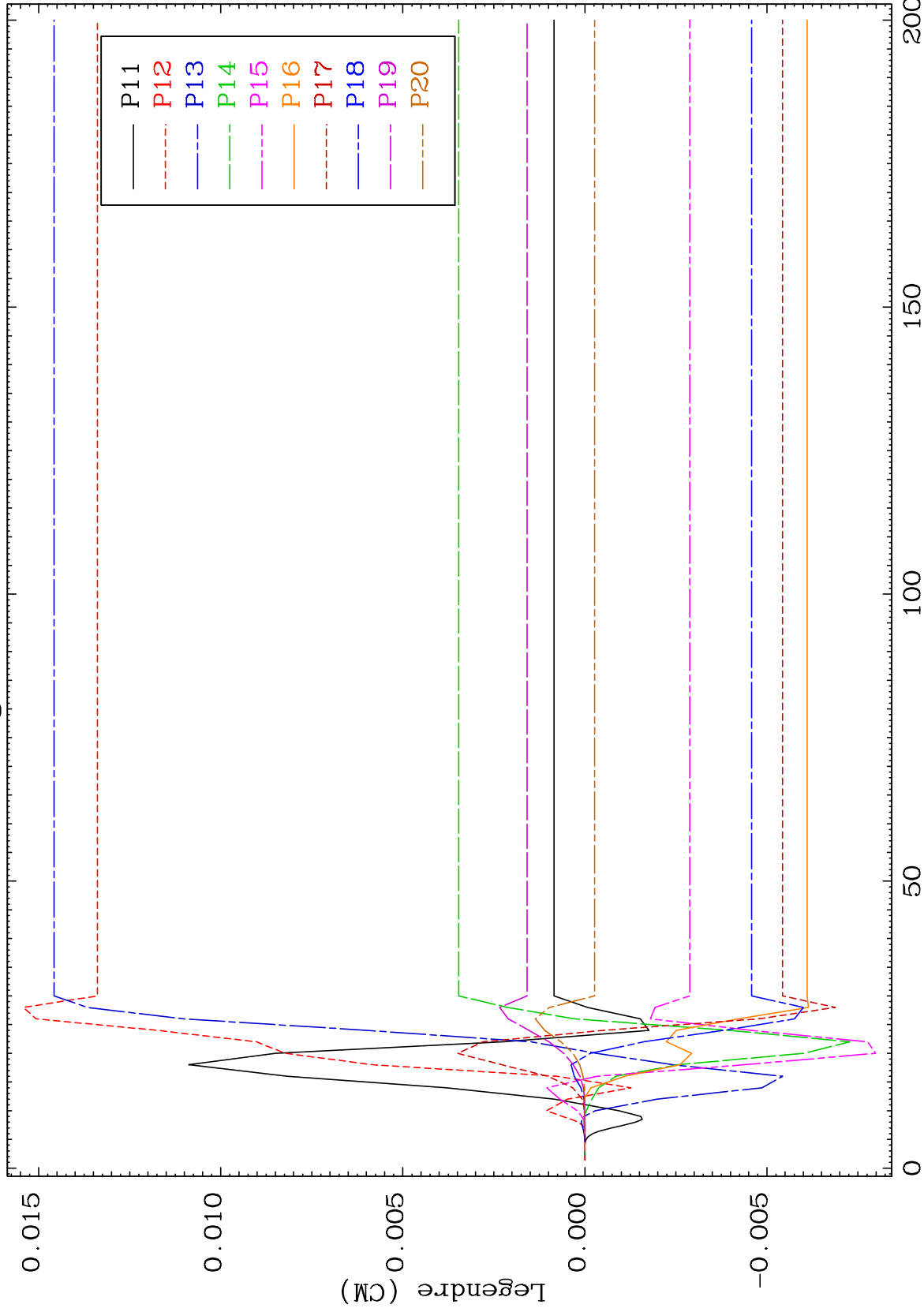
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

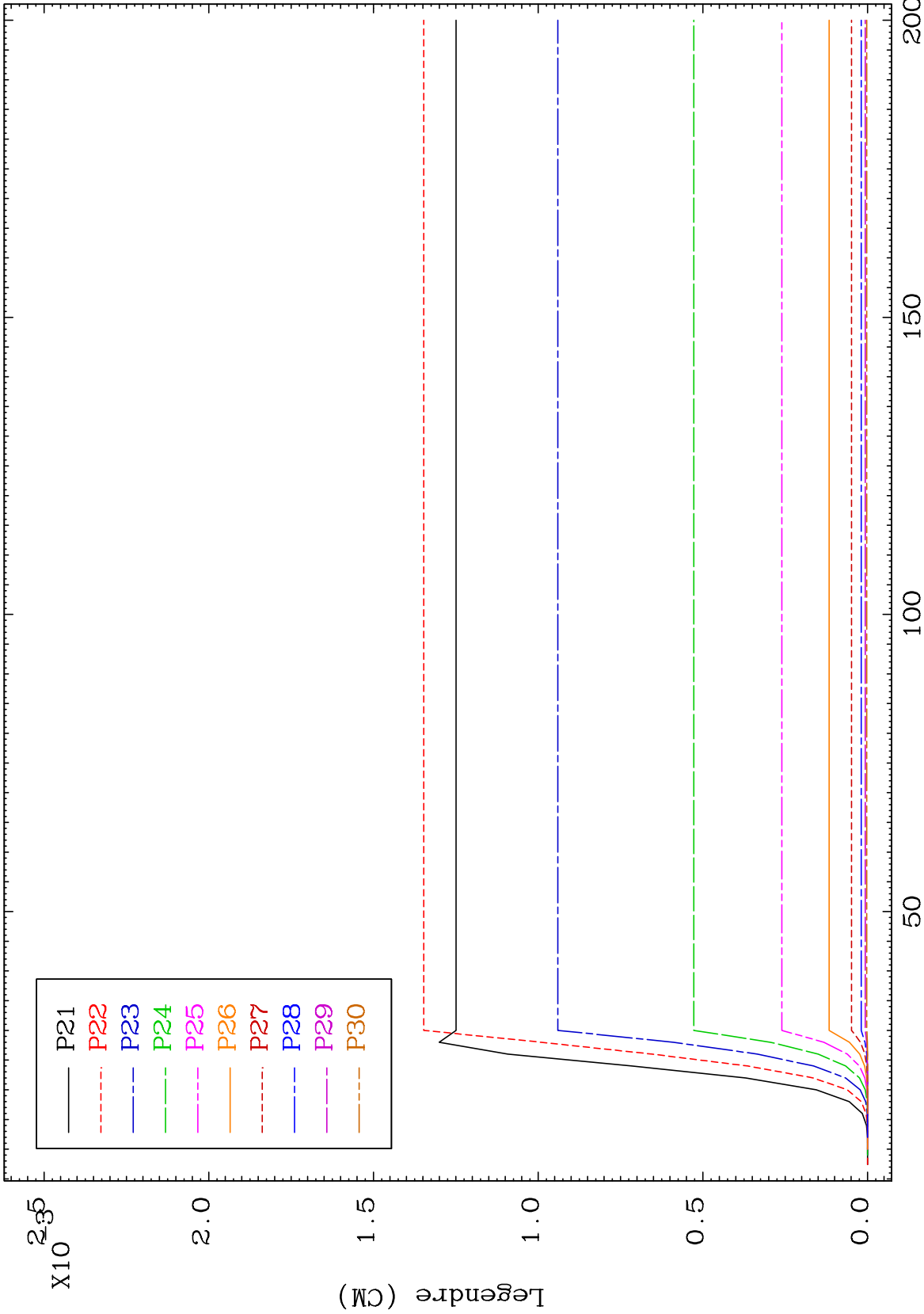
77-Ir-182



38

Incident Energy (MeV)

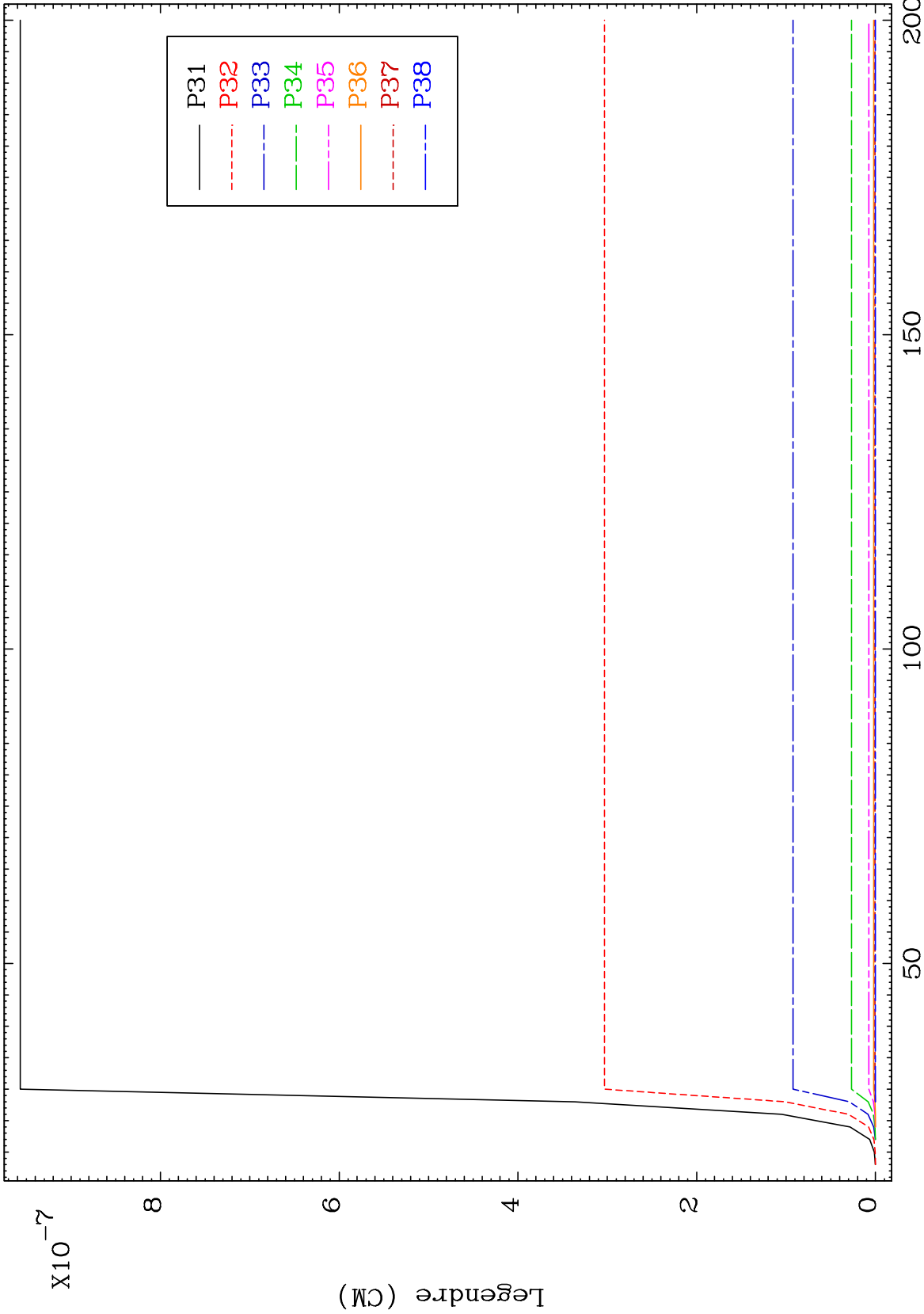
77-Ir-182



MAT 7698

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

77-Ir-182



40

Incident Energy (MeV)

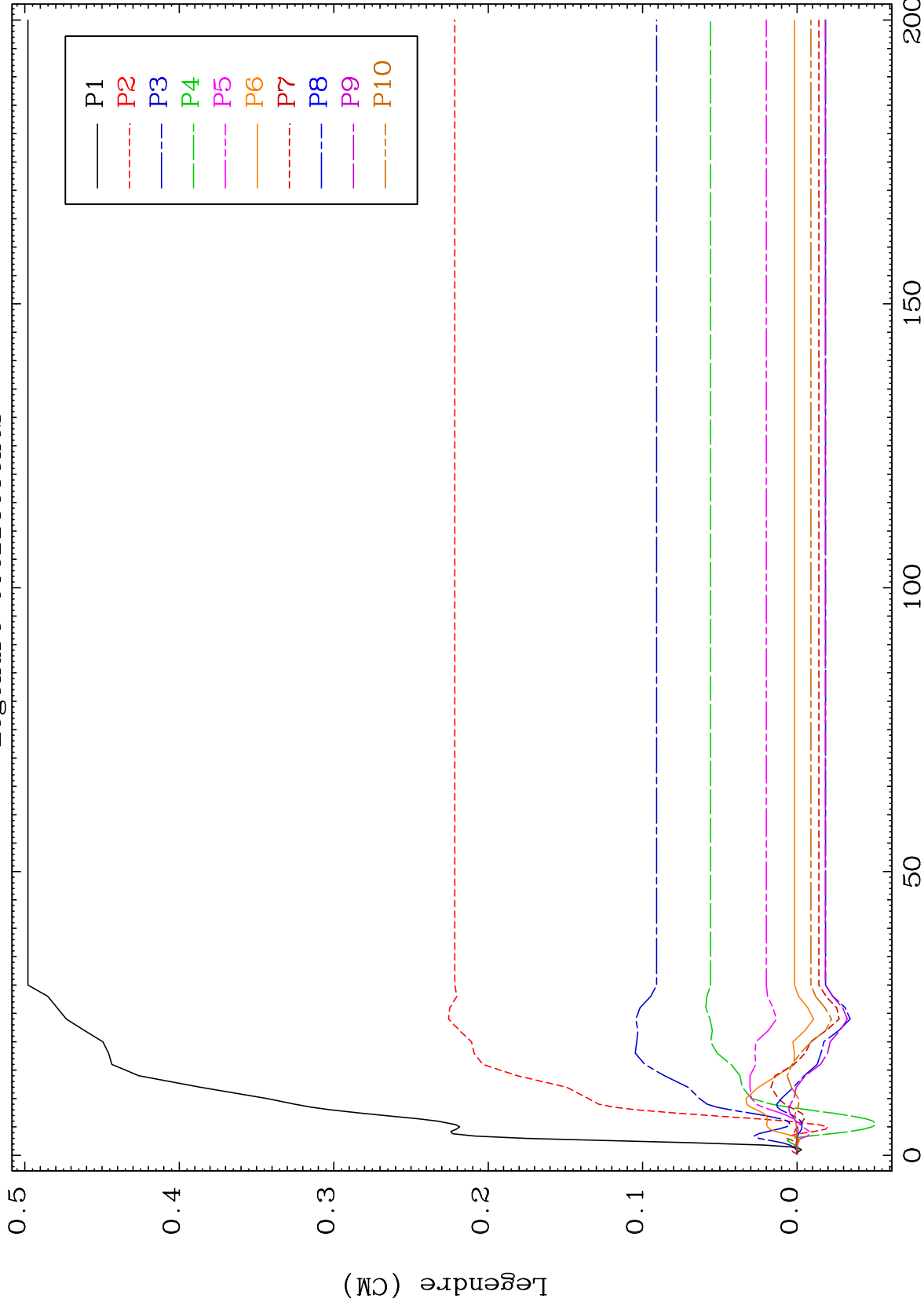
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77-Ir-182

MAT 7698

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

77-Ir-182



41

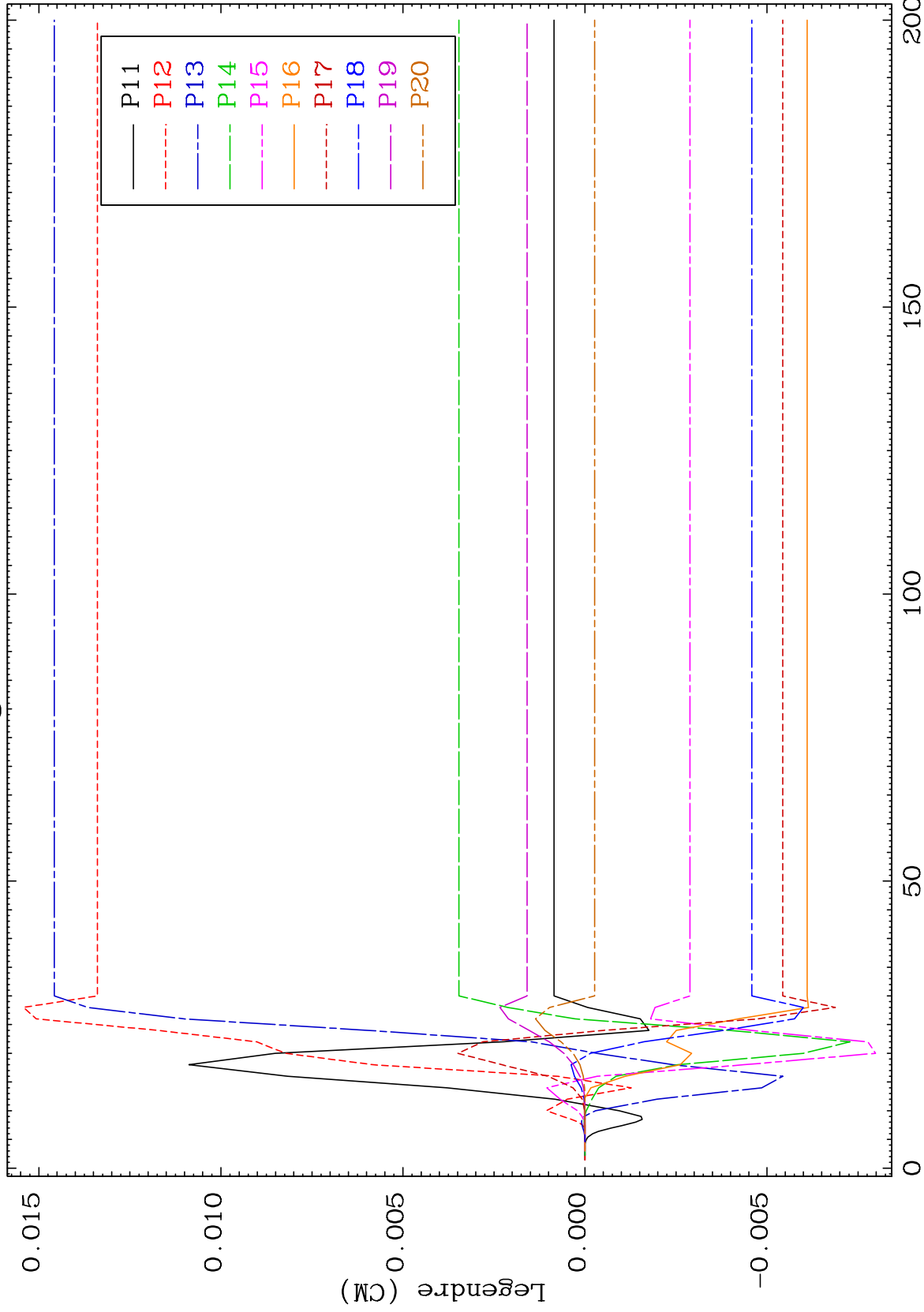
Incident Energy (MeV)

77-Ir-182

MAT 7698

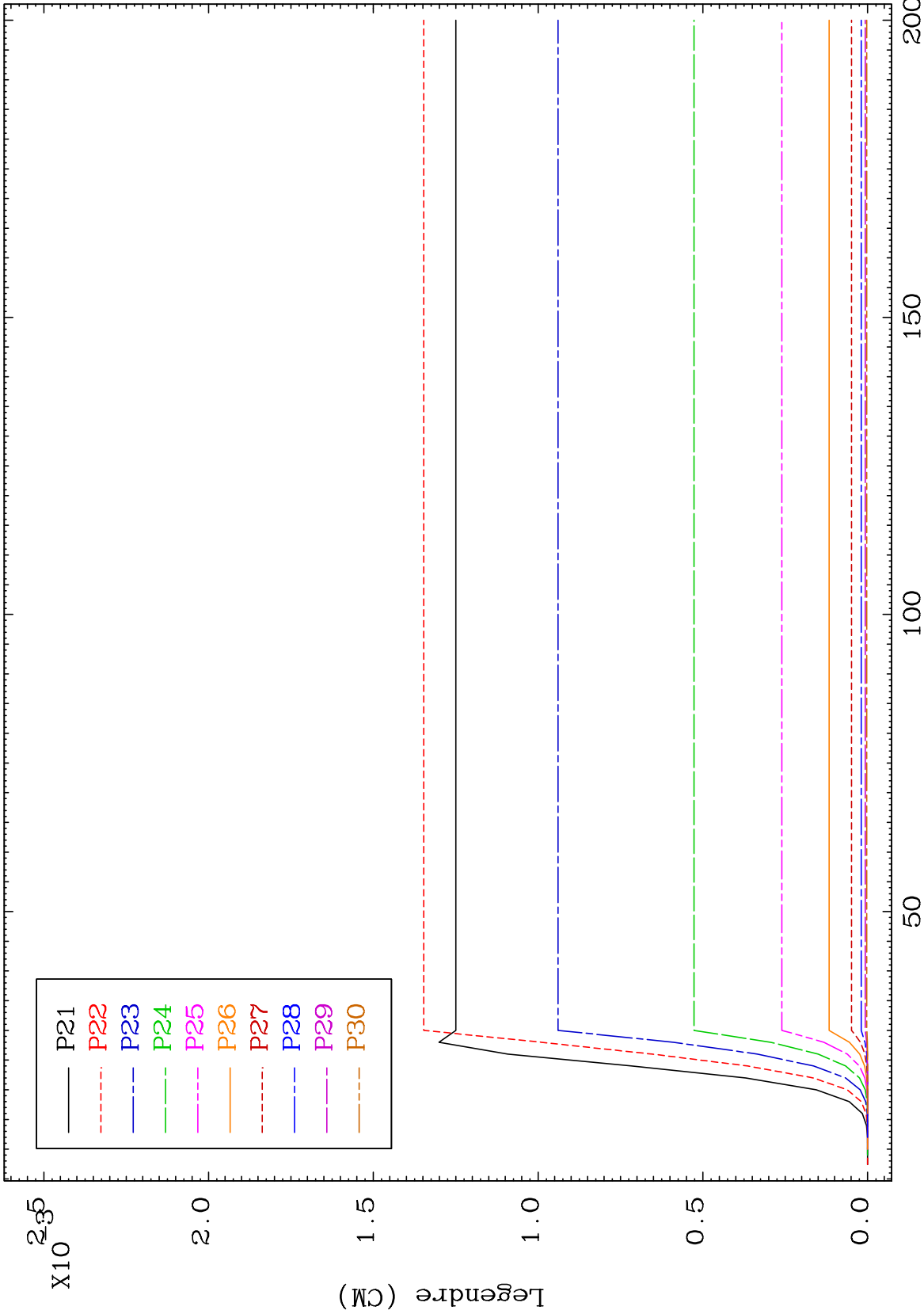
MT= 57 (n,n') Level
Legendre Coefficients

77-Ir-182



42

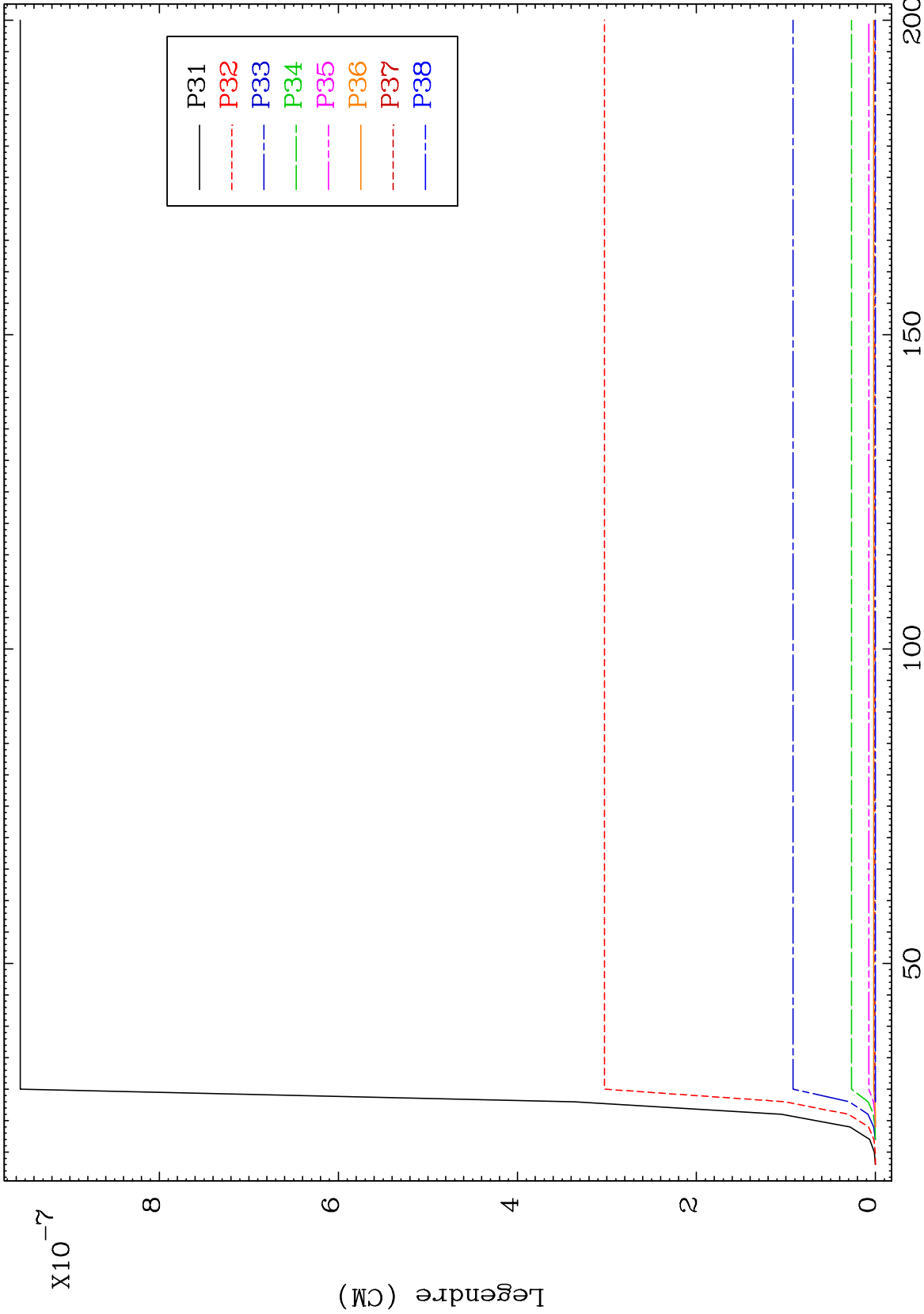
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MAT 7698

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

77-Ir-182



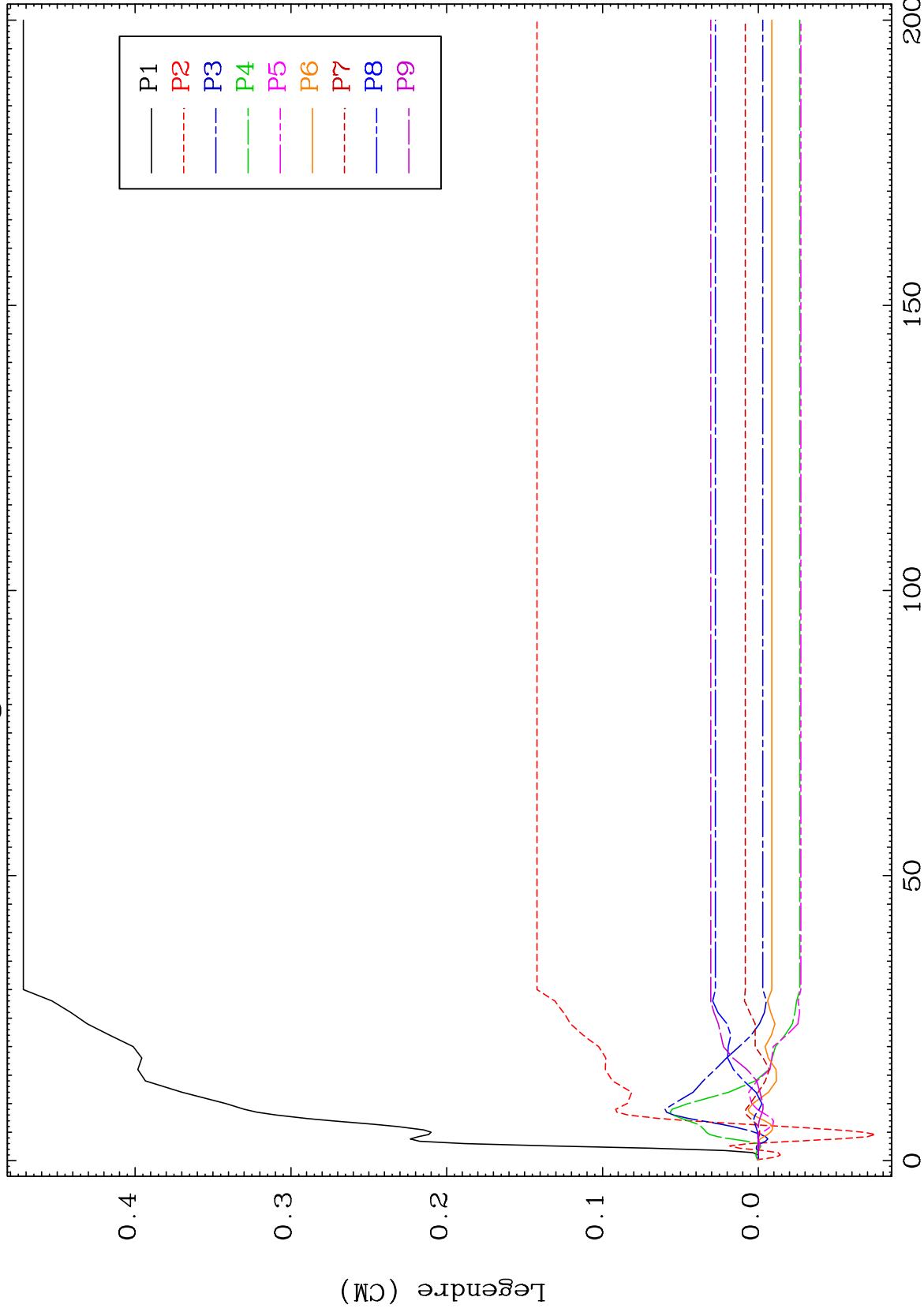
44

77-Ir-182

MAT 7698

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

77-Ir-182



45

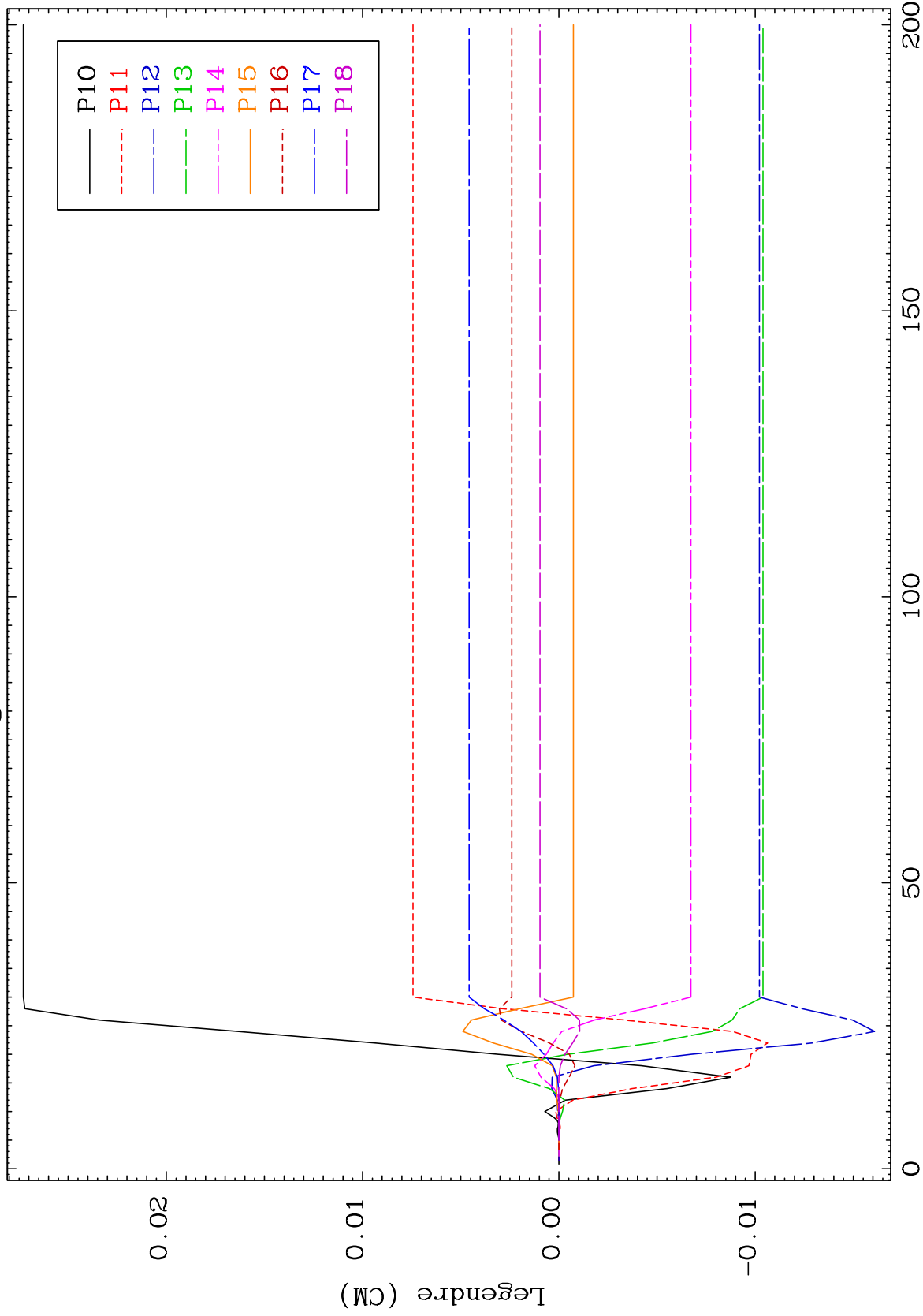
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



46

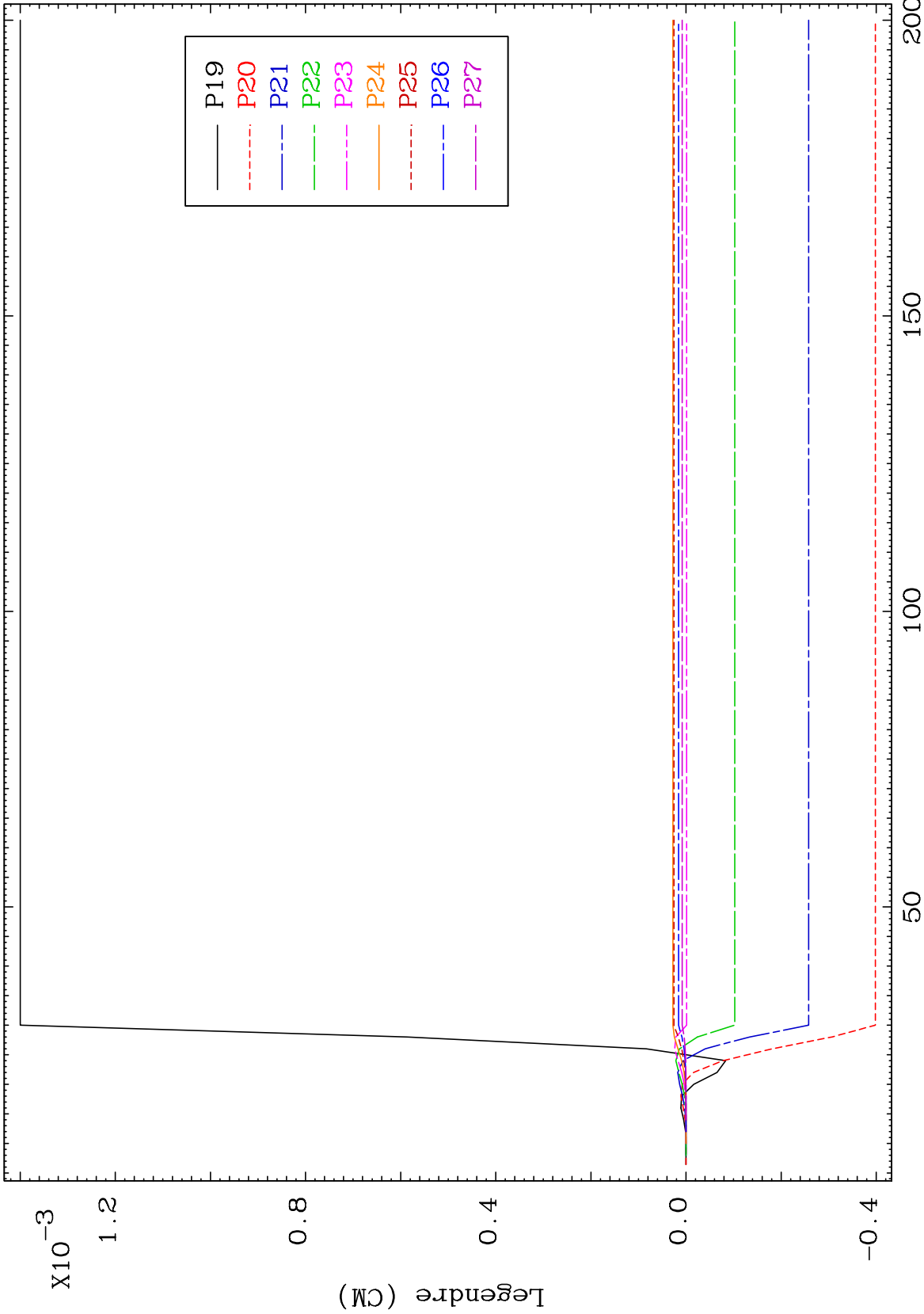
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



47

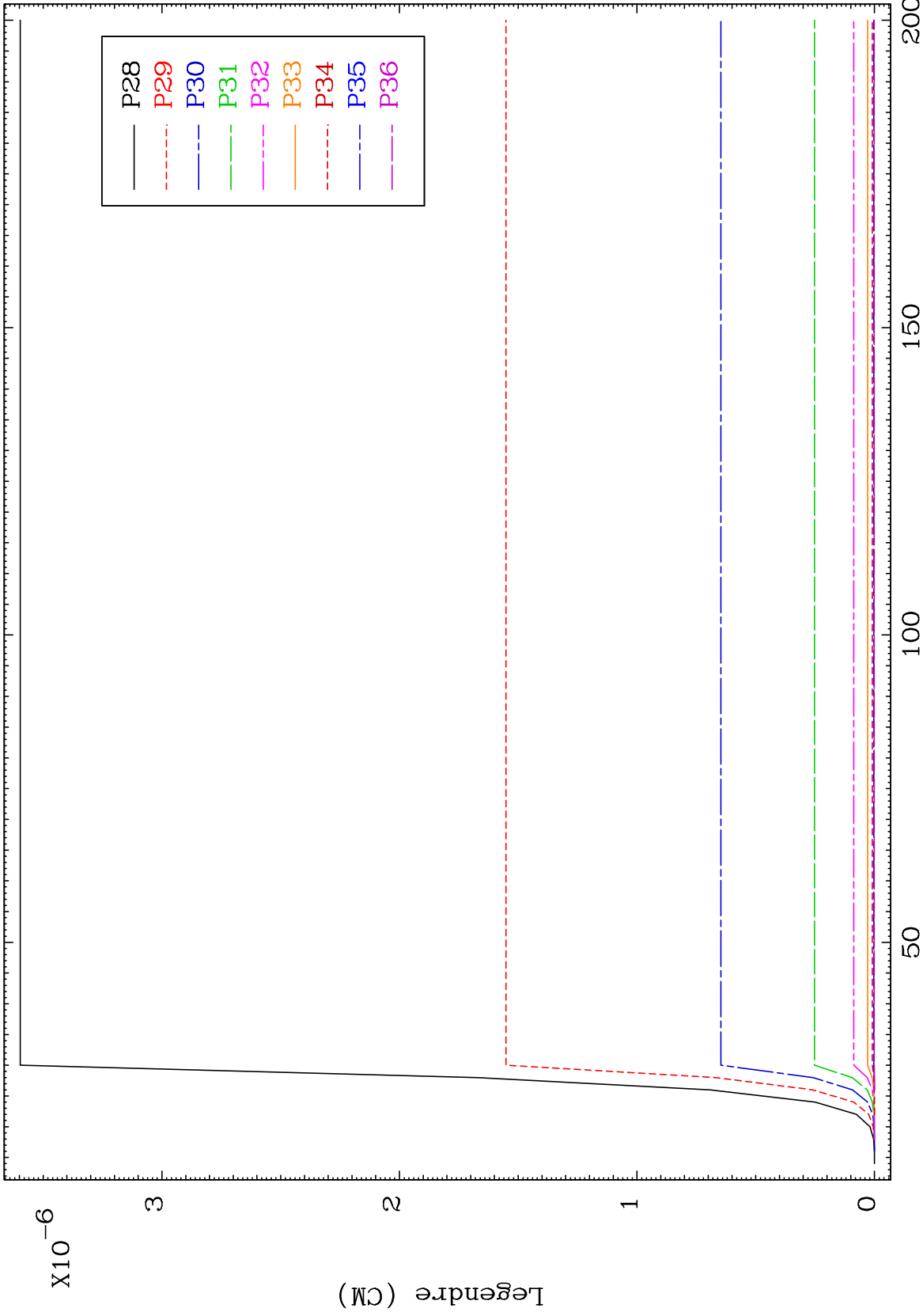
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



48

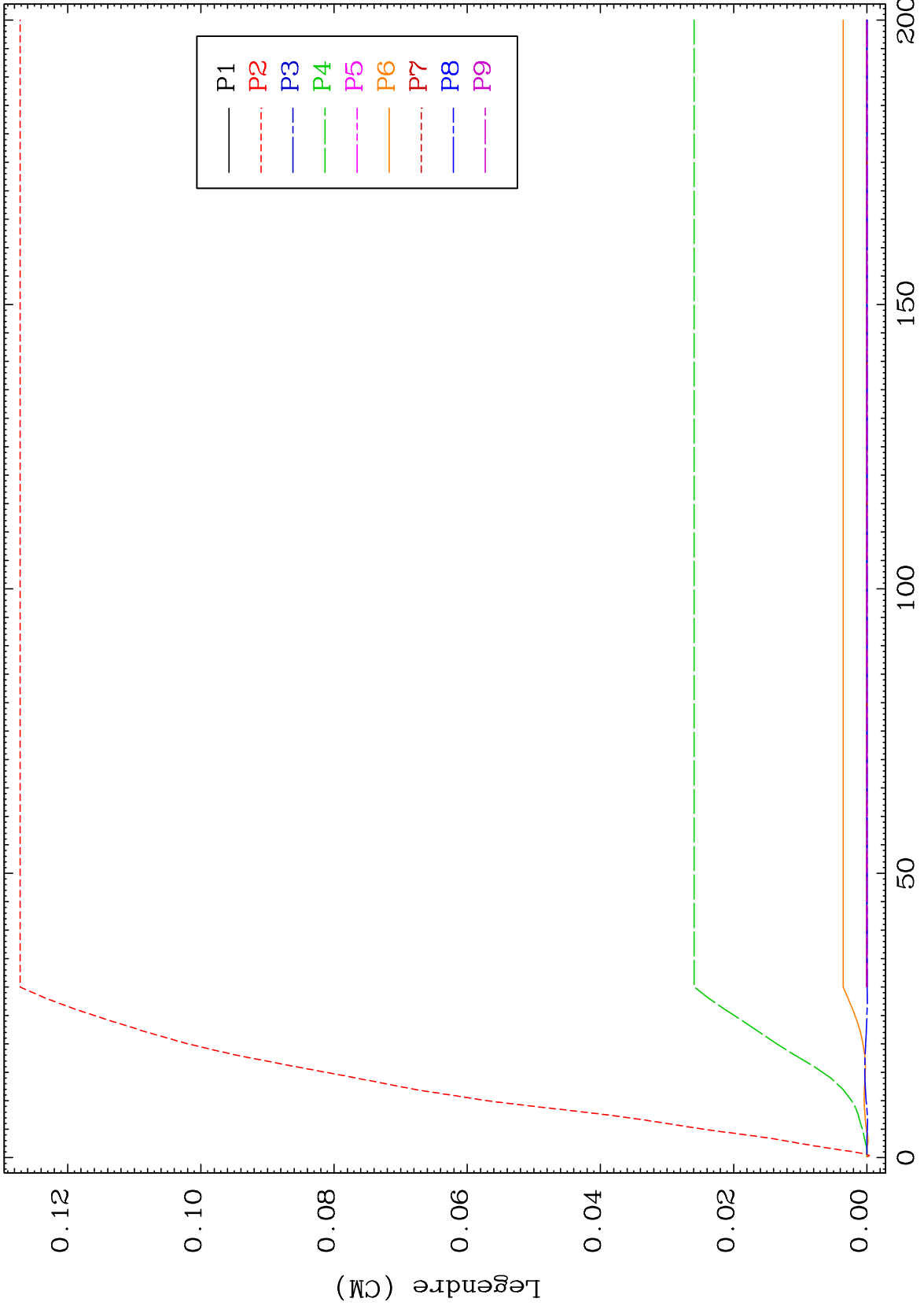
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



49

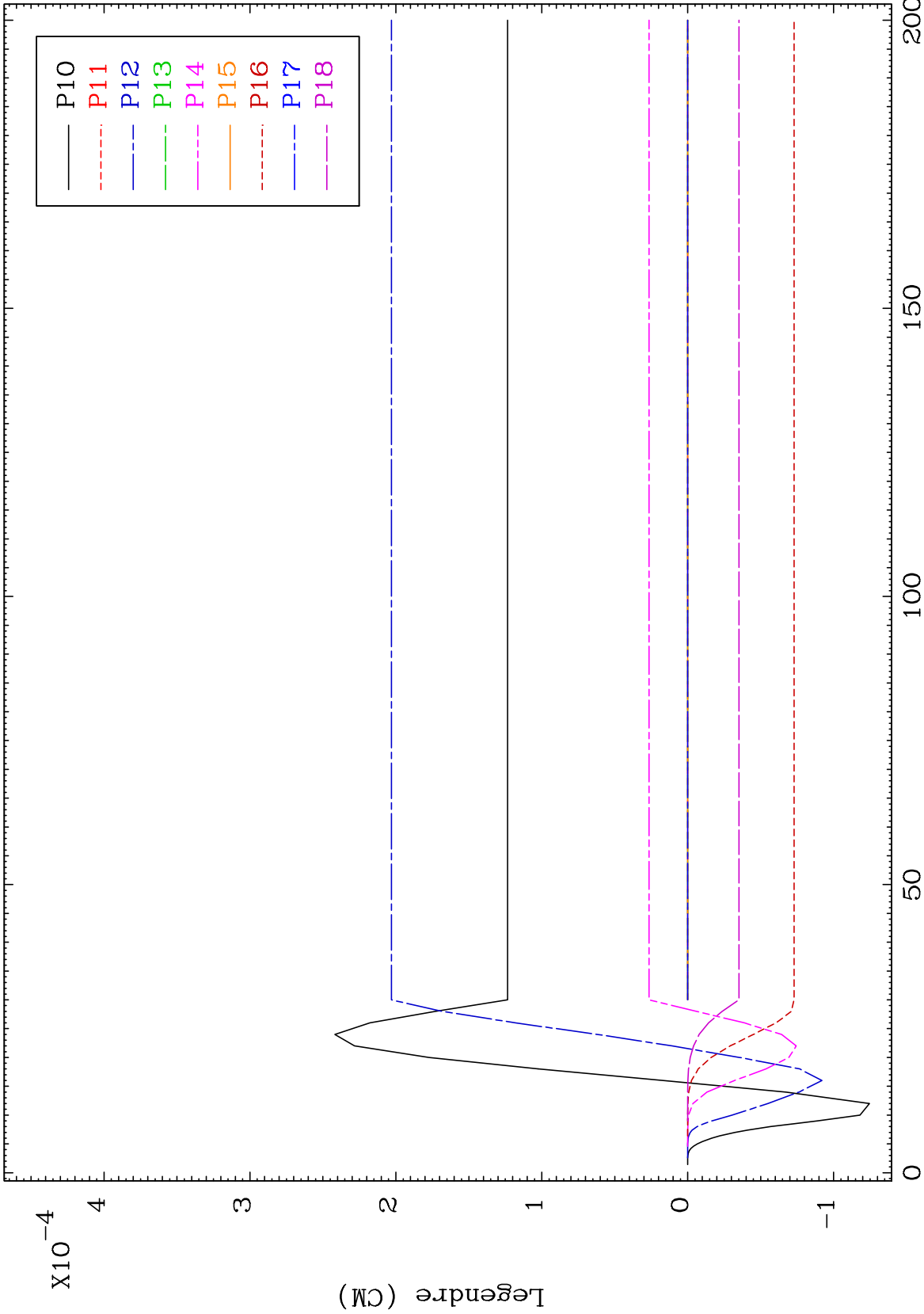
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



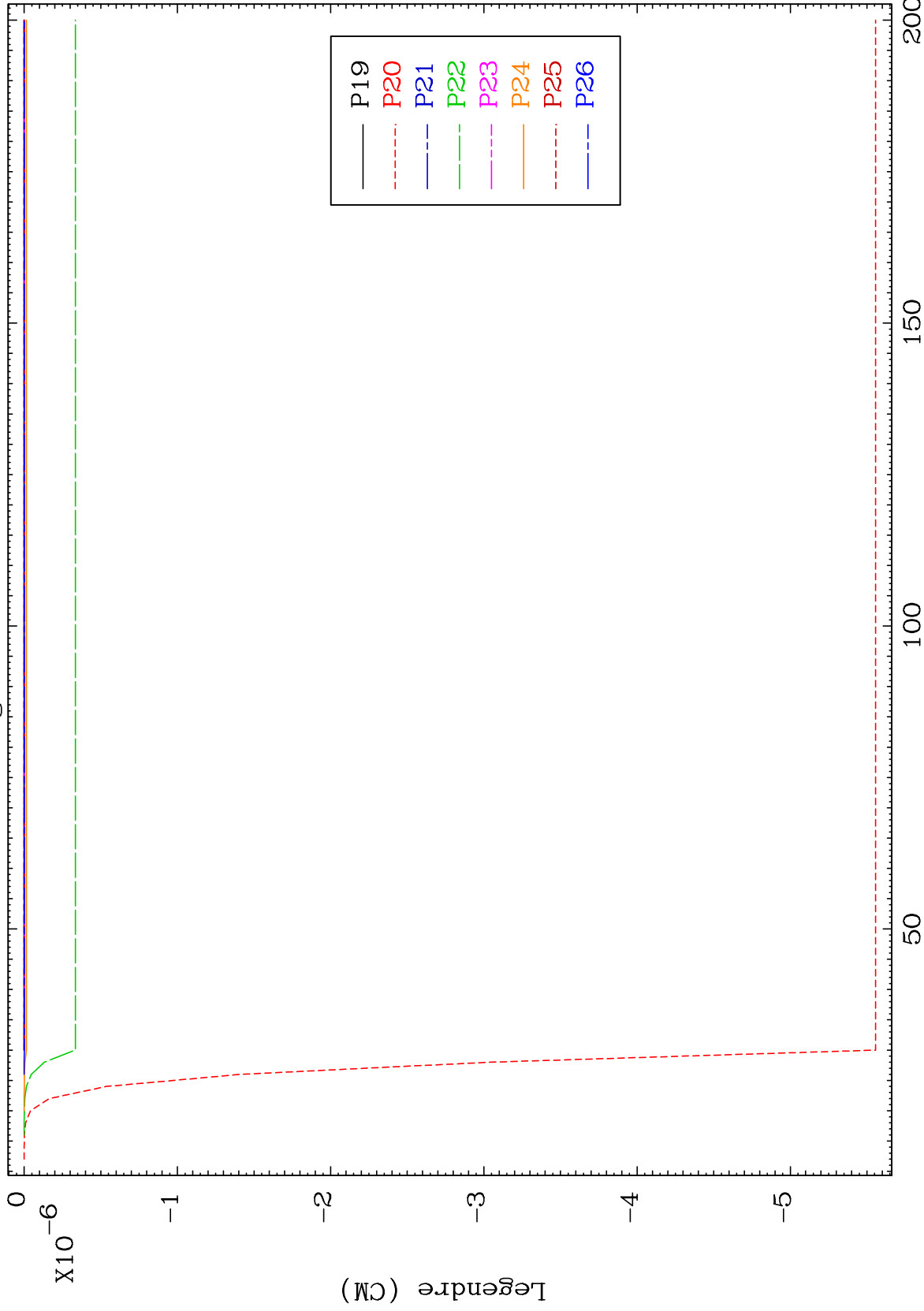
77-Ir-182

Incident Energy (MeV)

MAT 7698

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

77-Ir-182



51

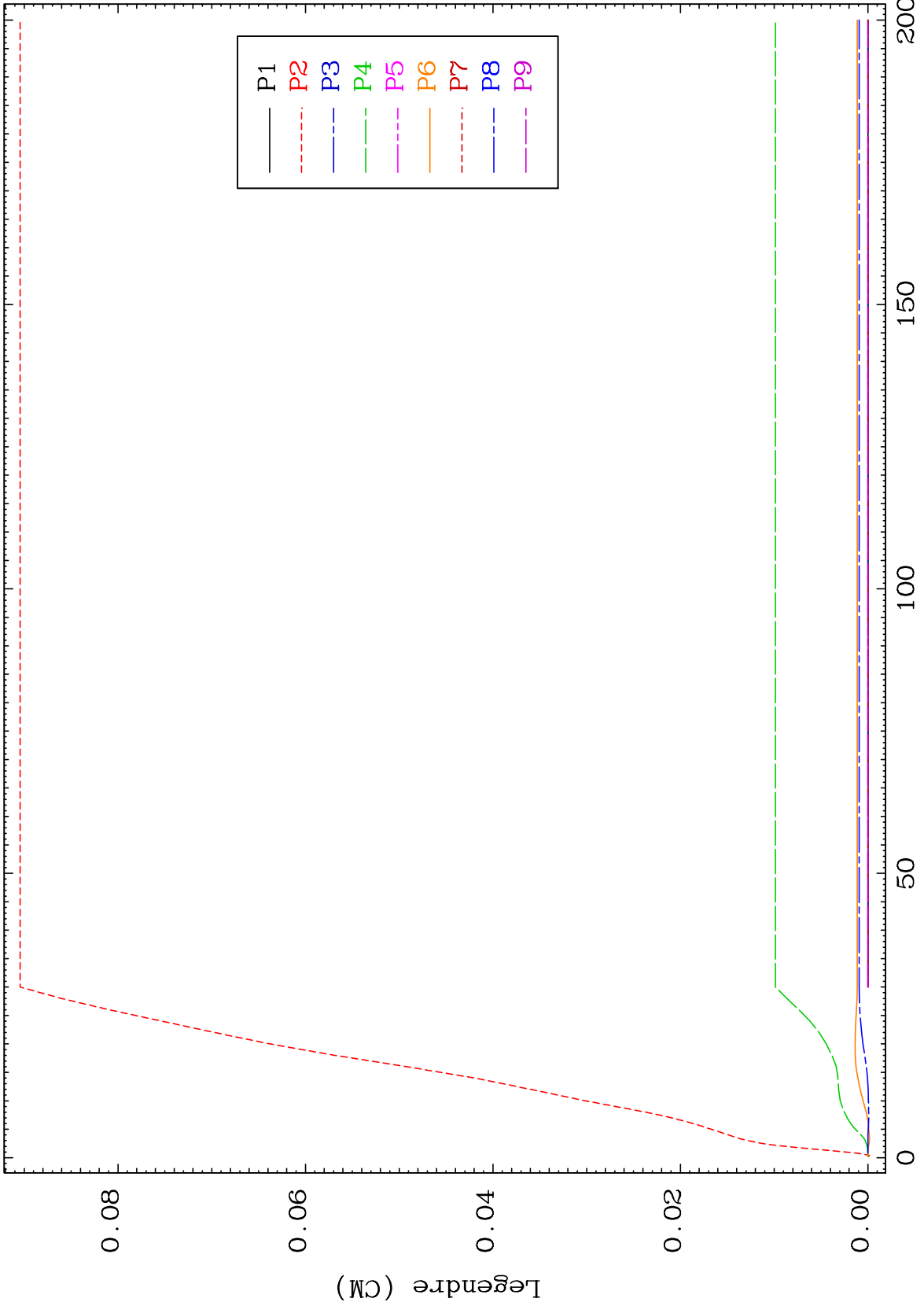
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



52

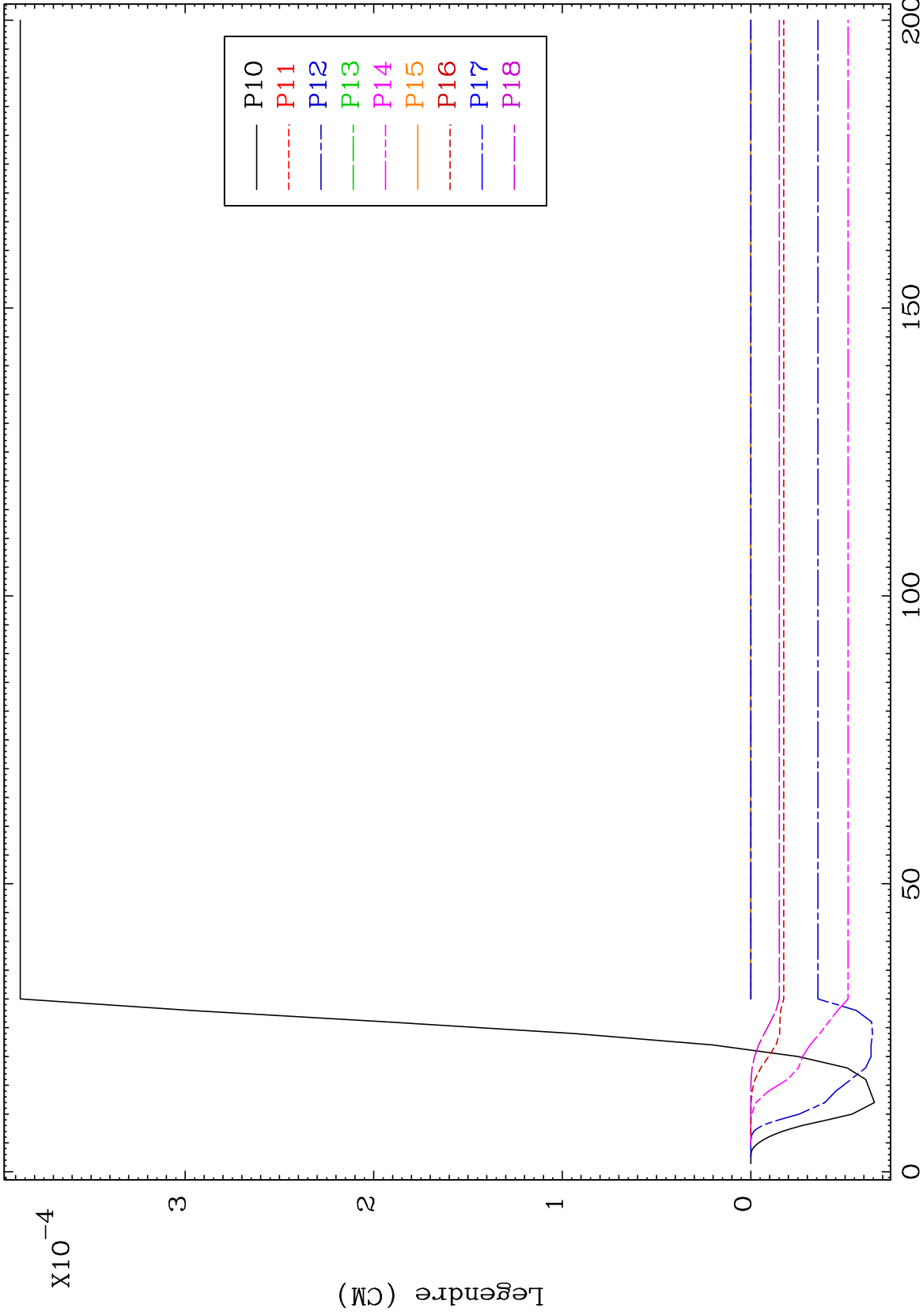
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



53

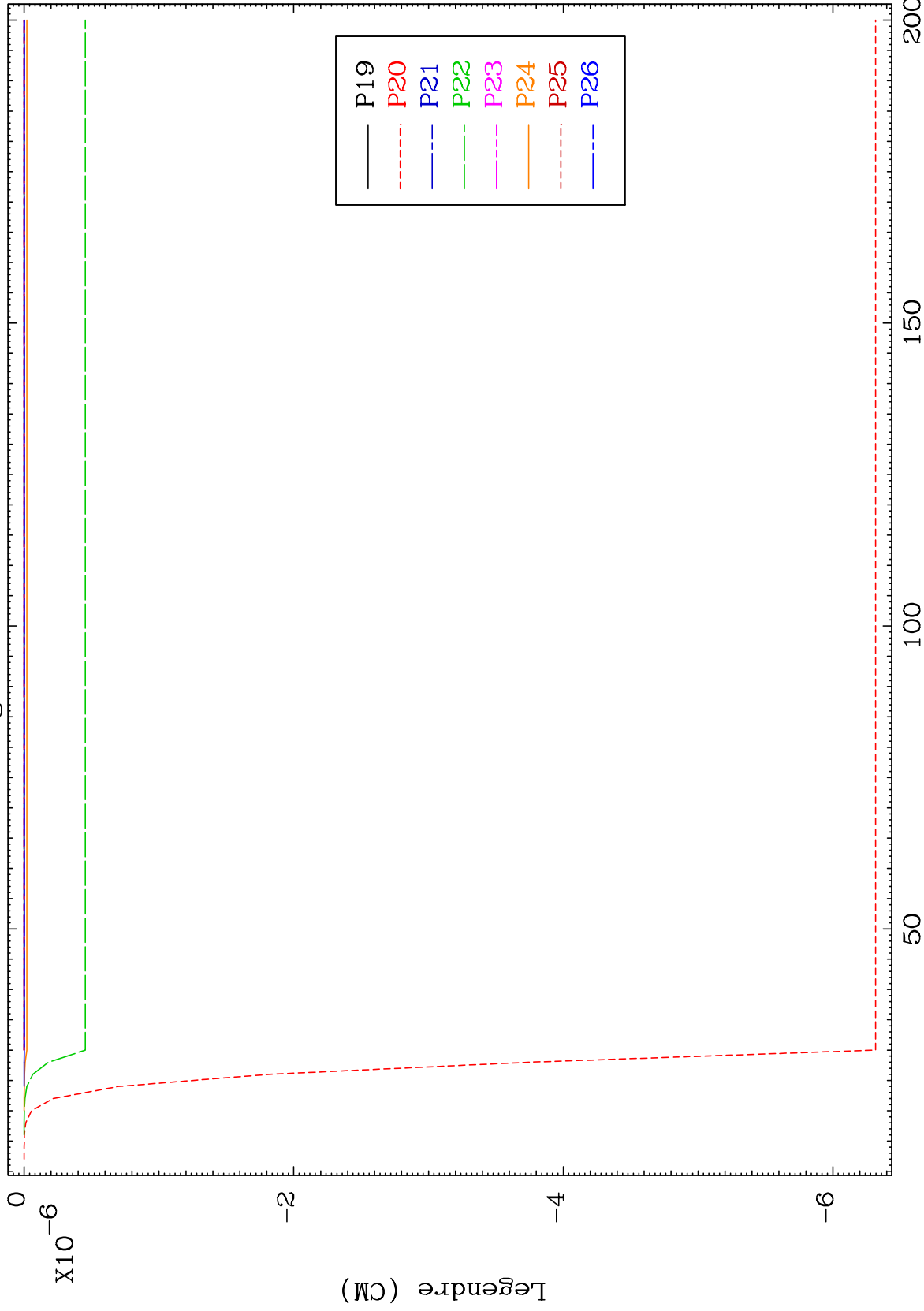
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



54

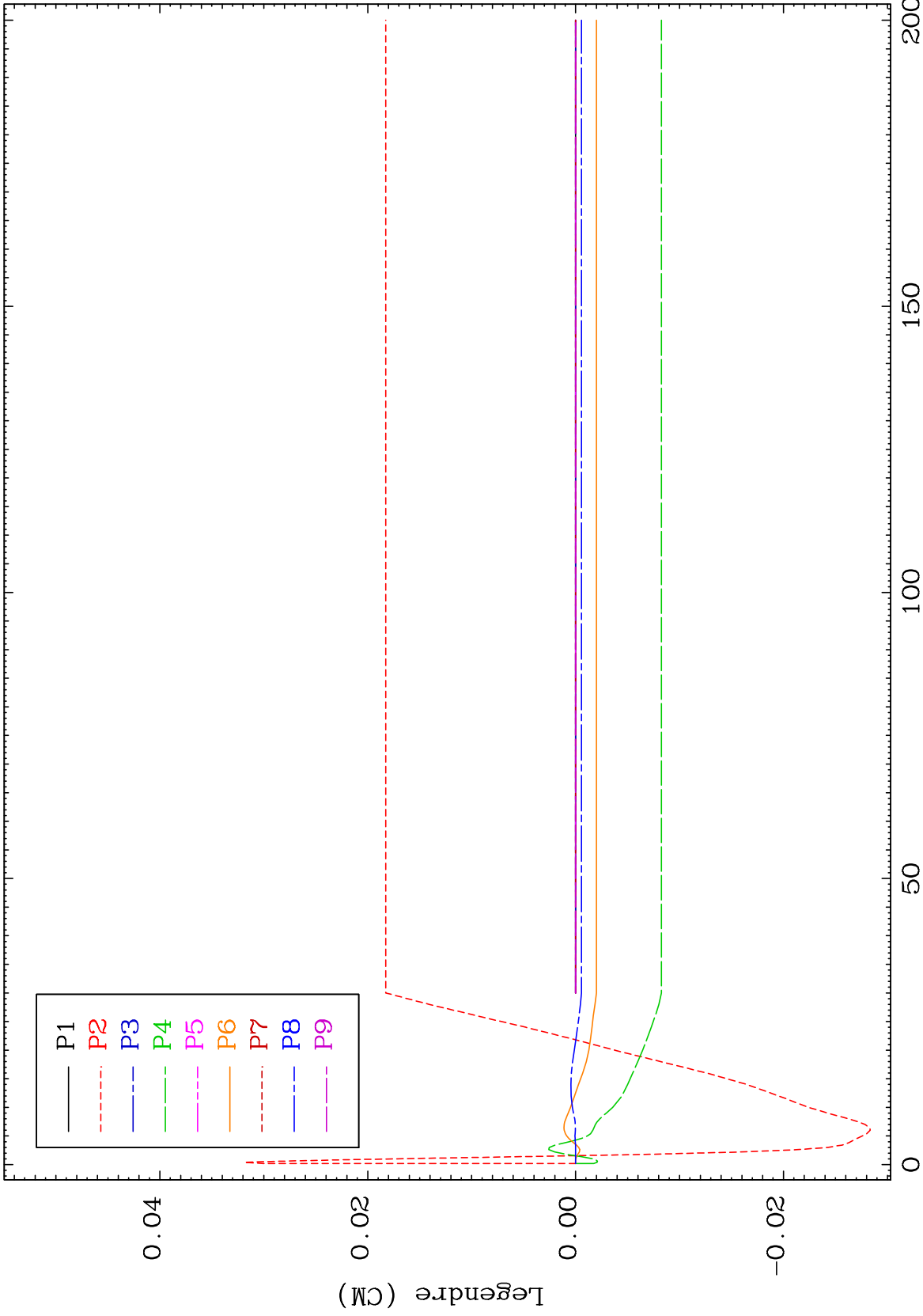
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



55

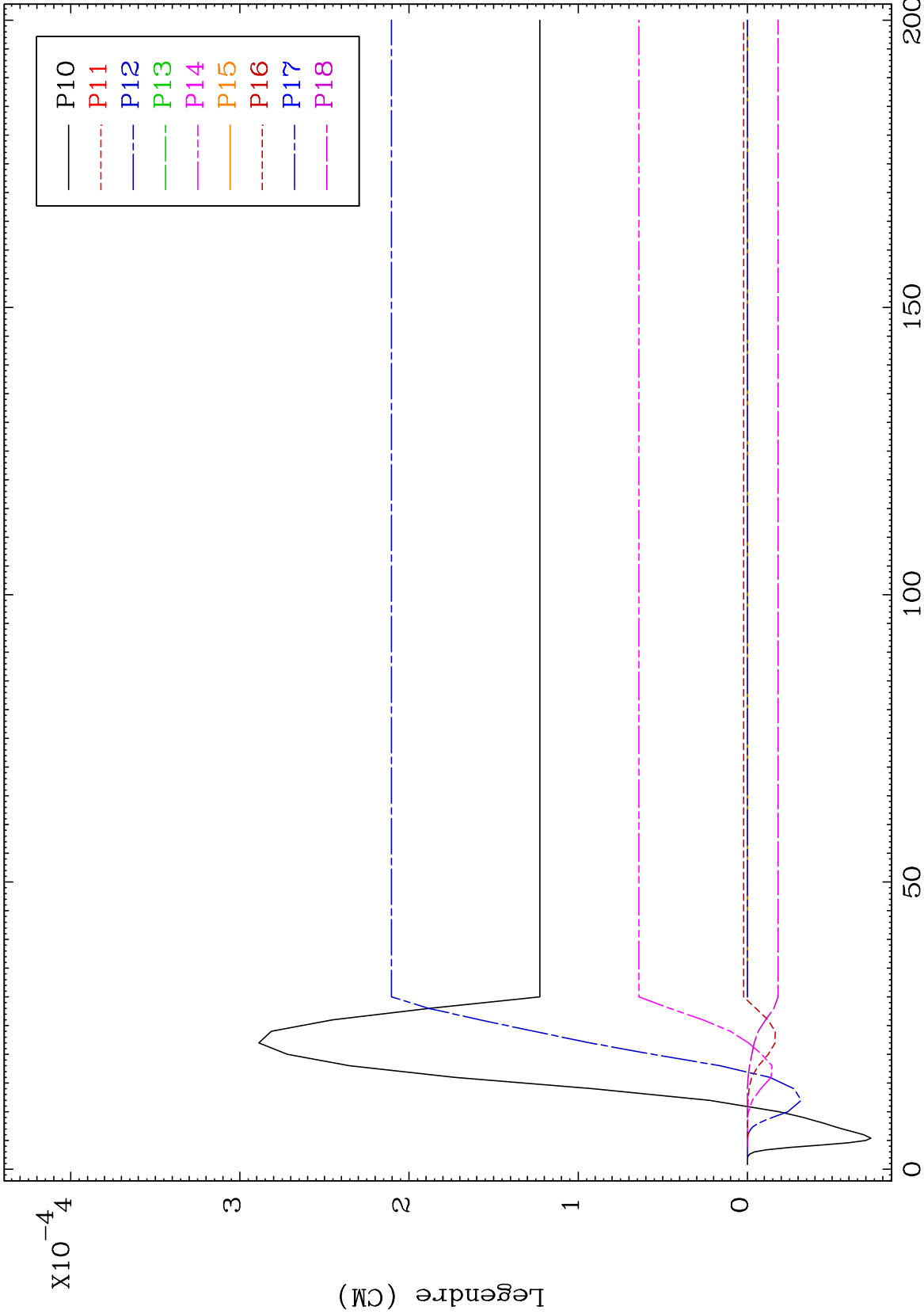
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



56

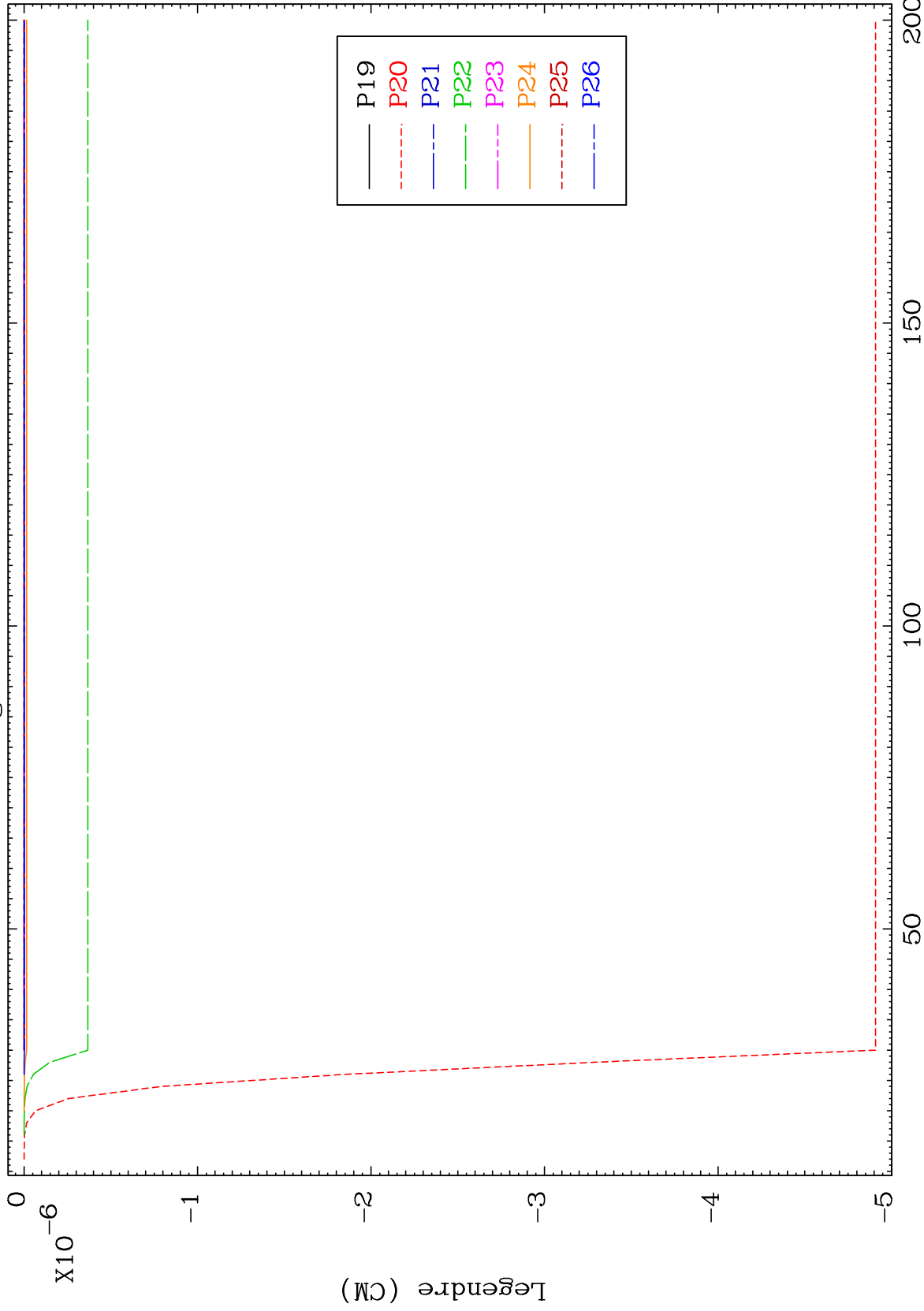
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



57

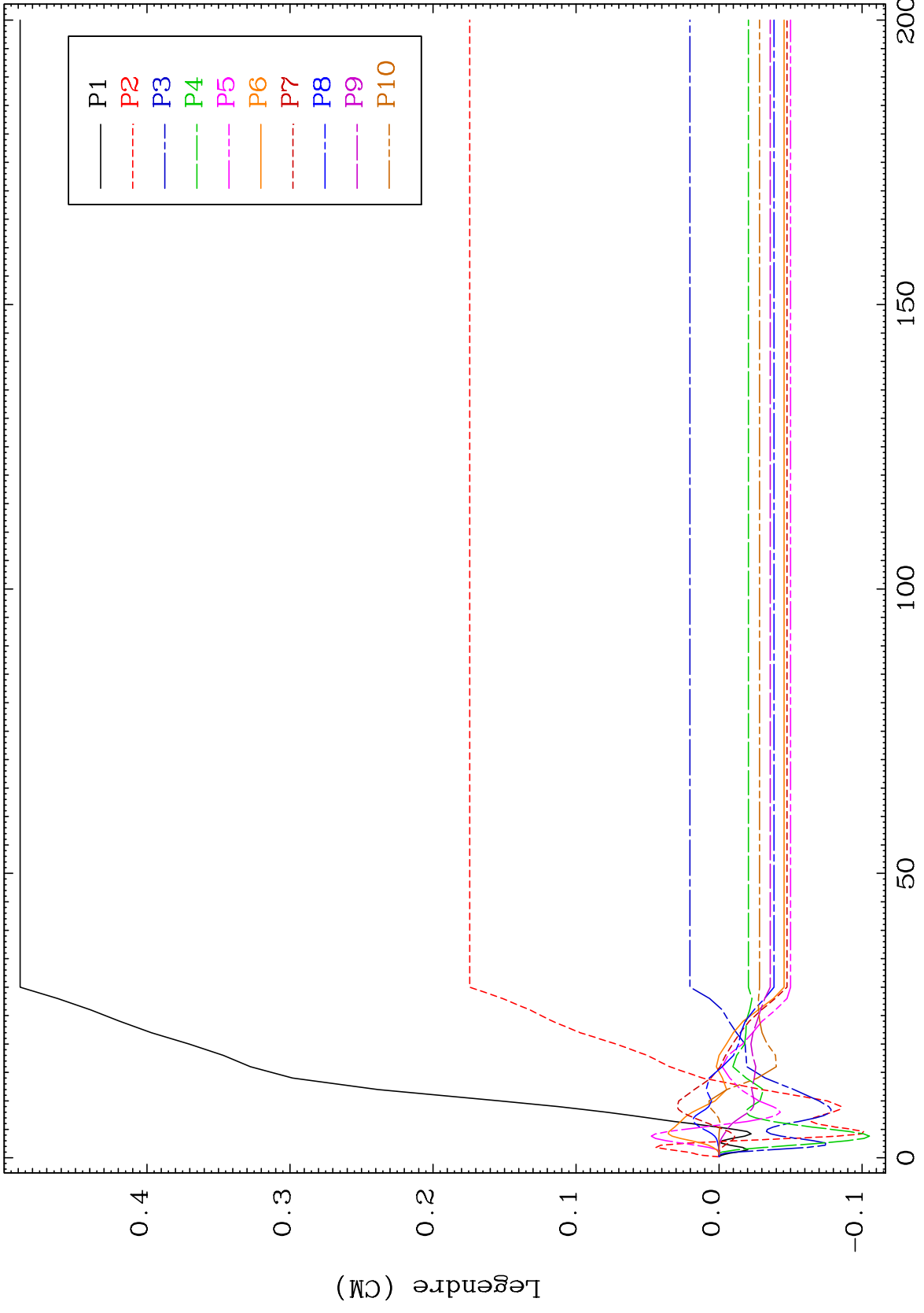
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



58

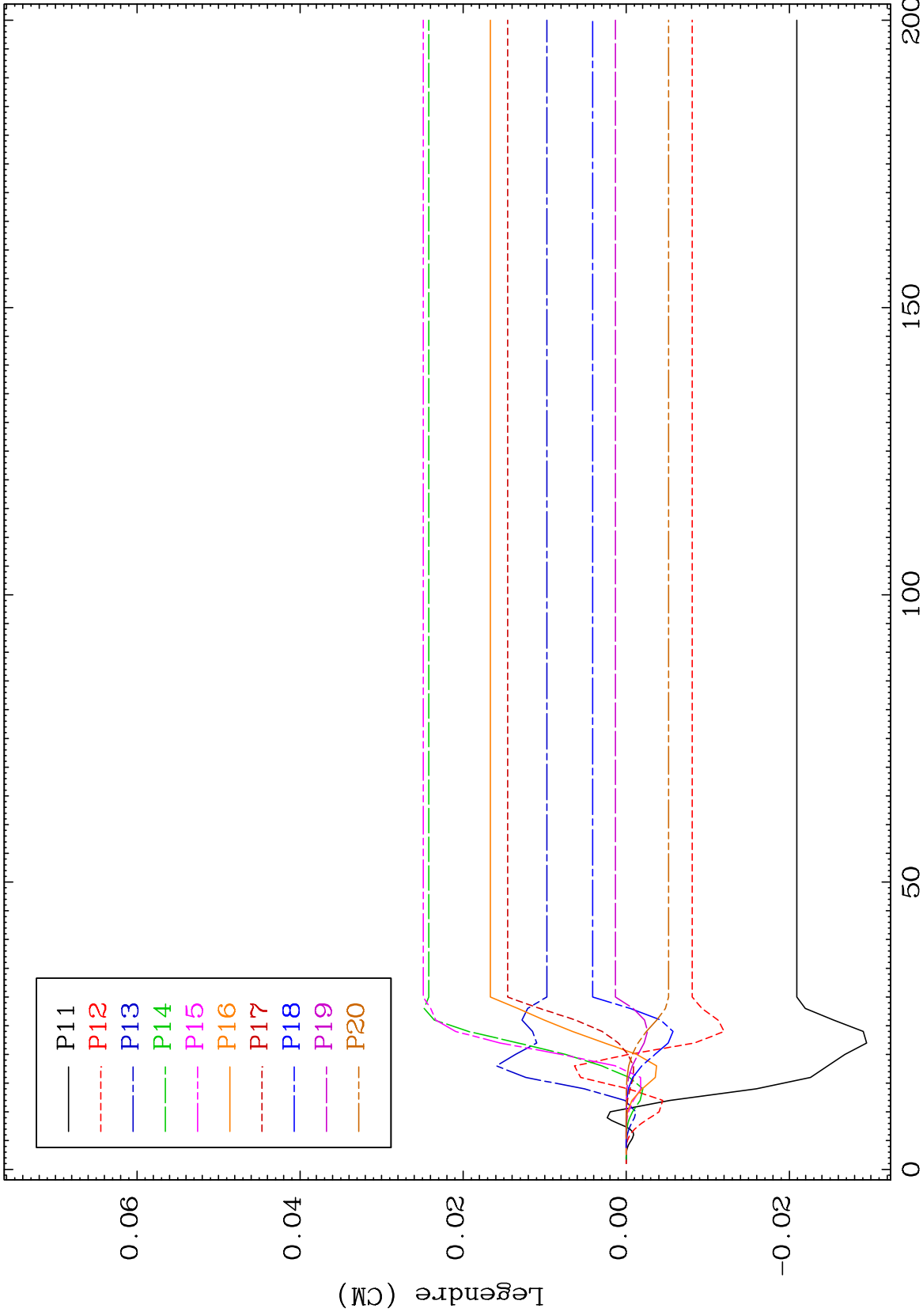
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



59

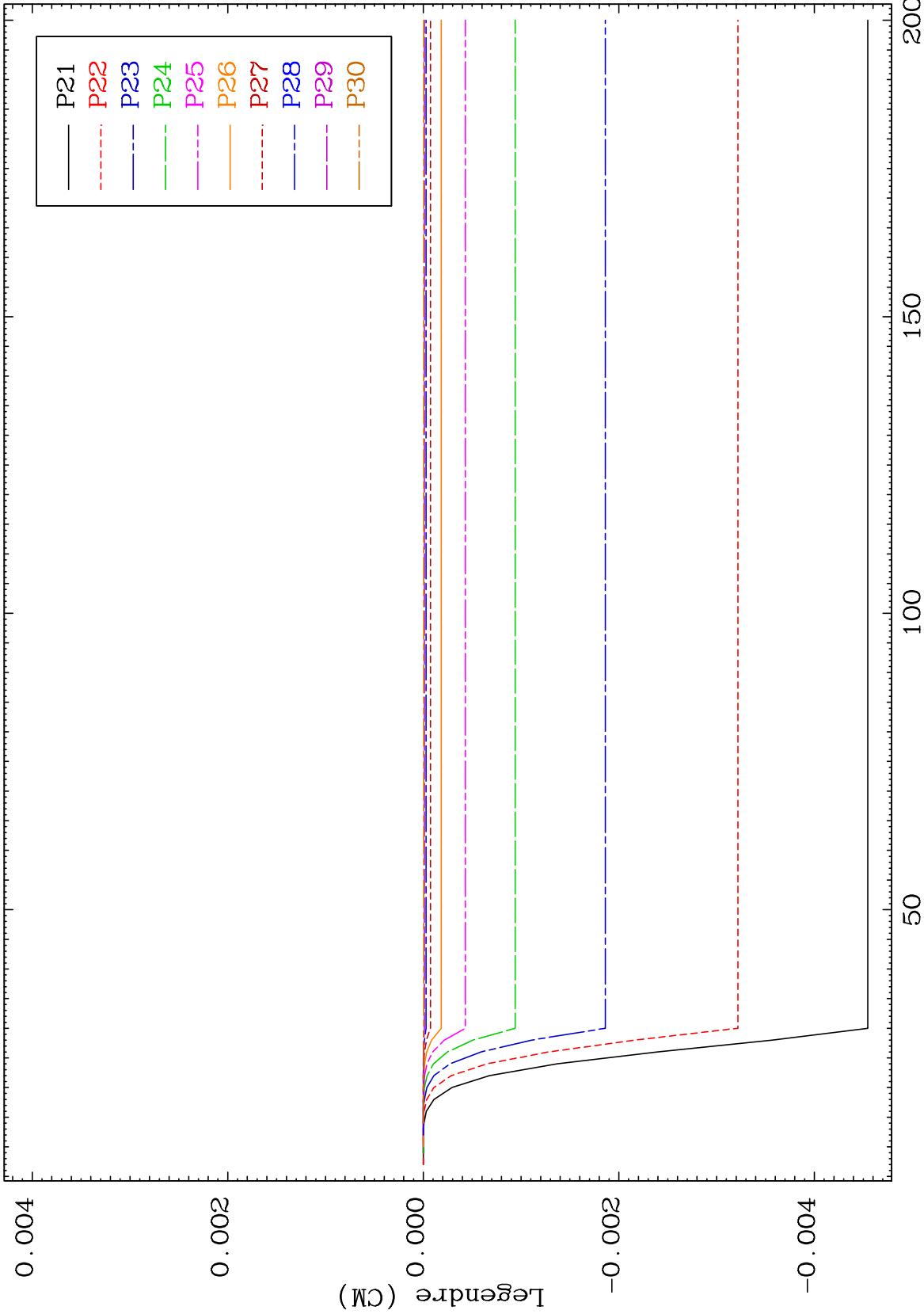
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



60

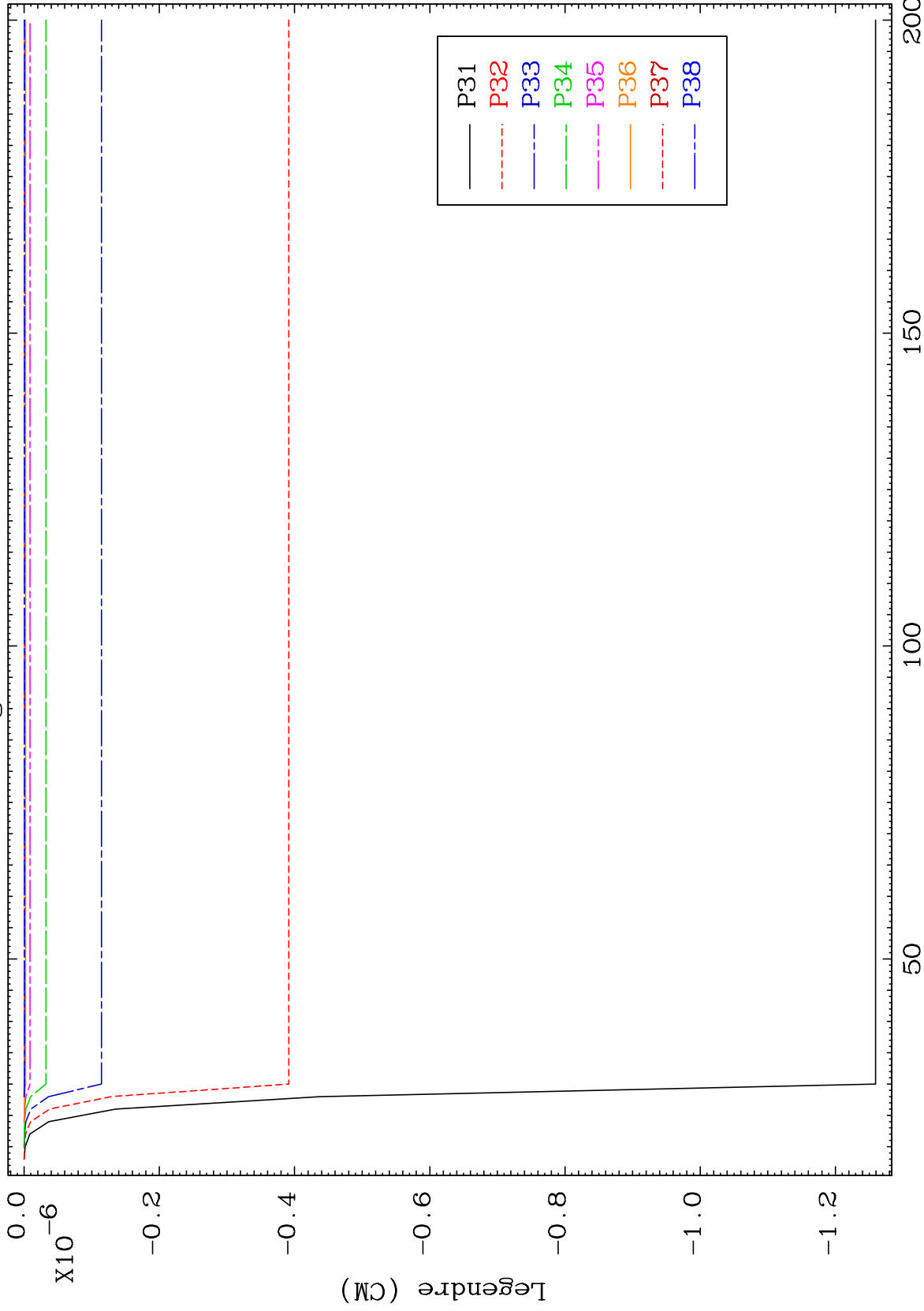
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



61

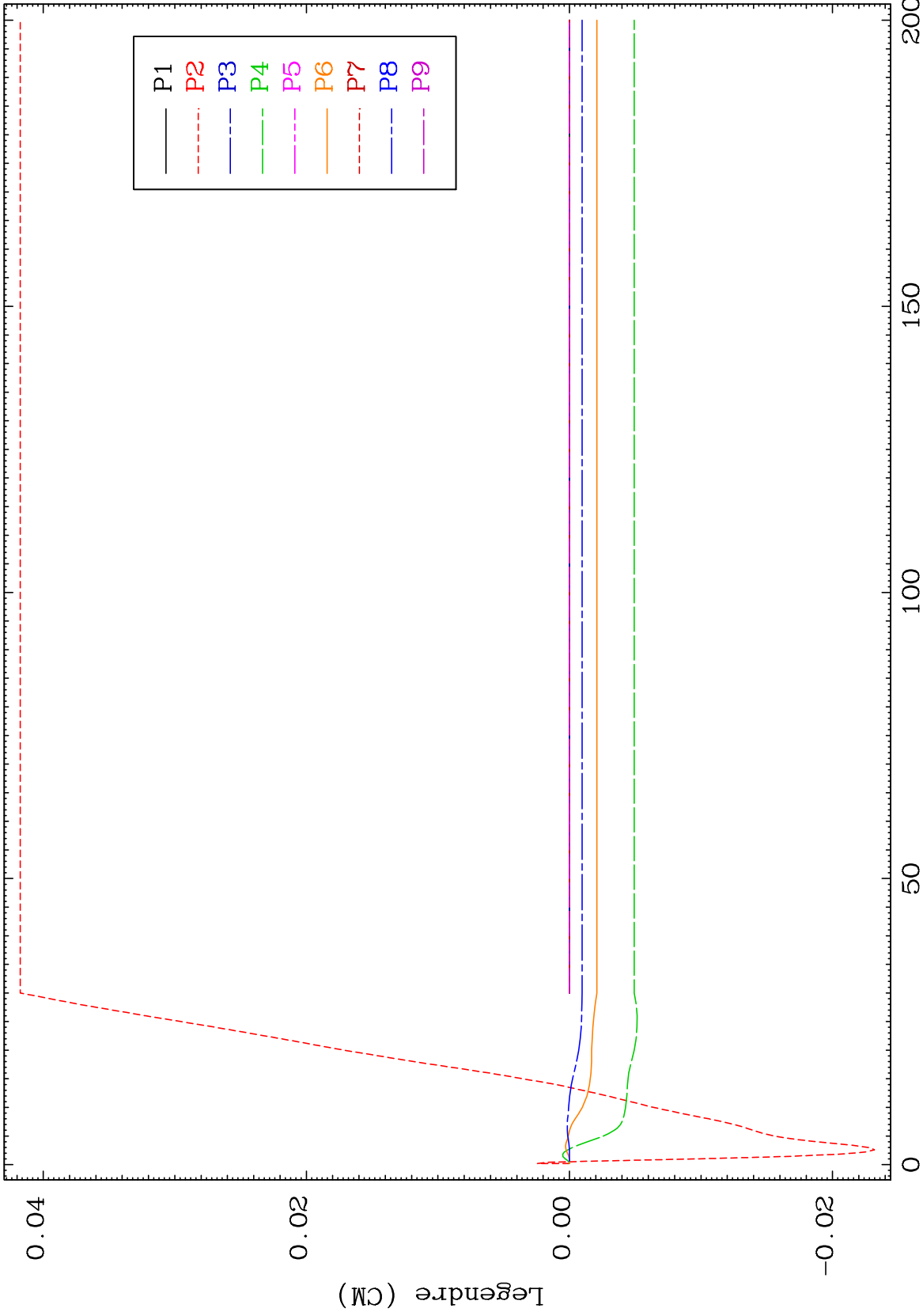
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



62

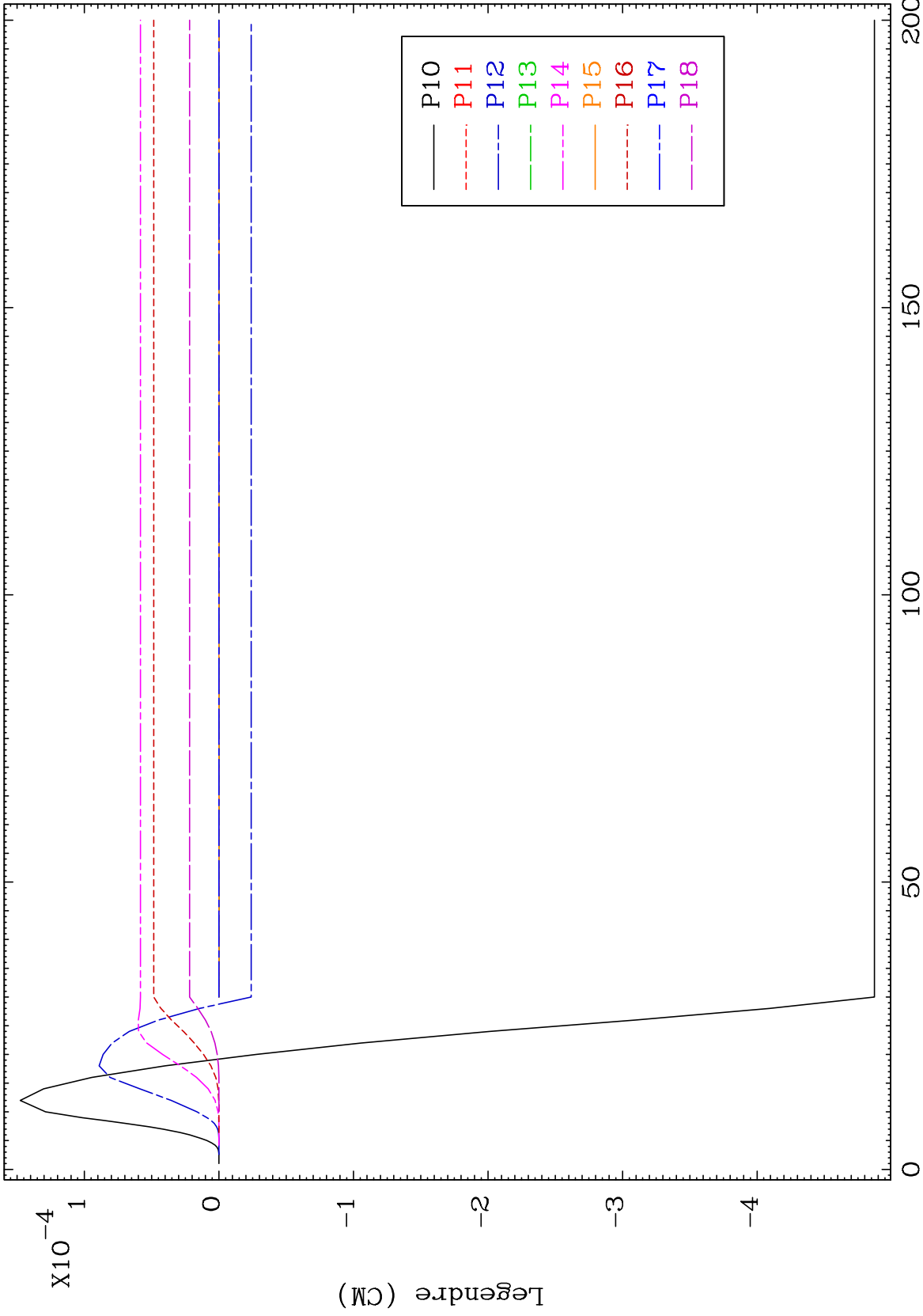
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



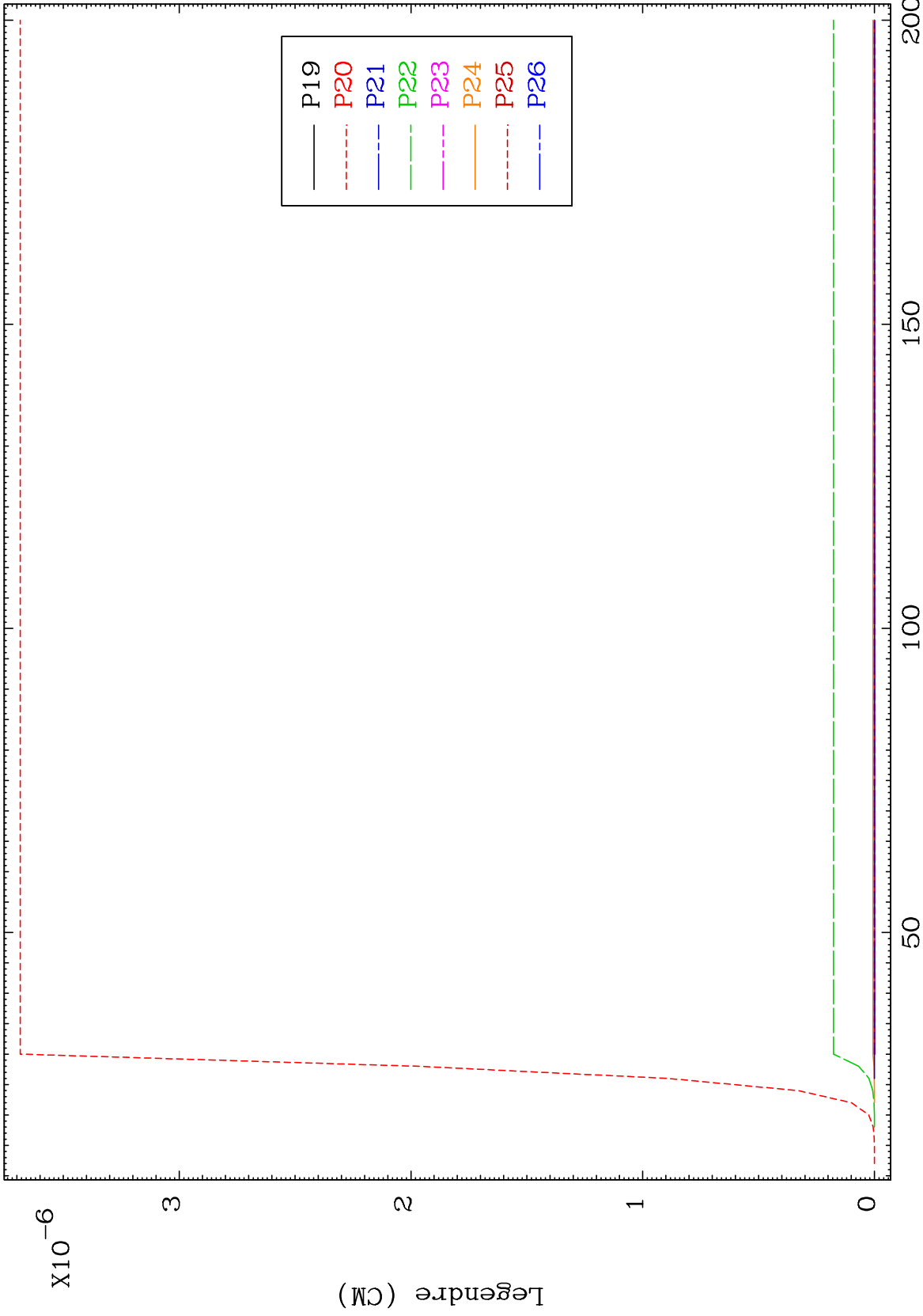
63

77-Ir-182

MAT 7698

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

77-Ir-182



64

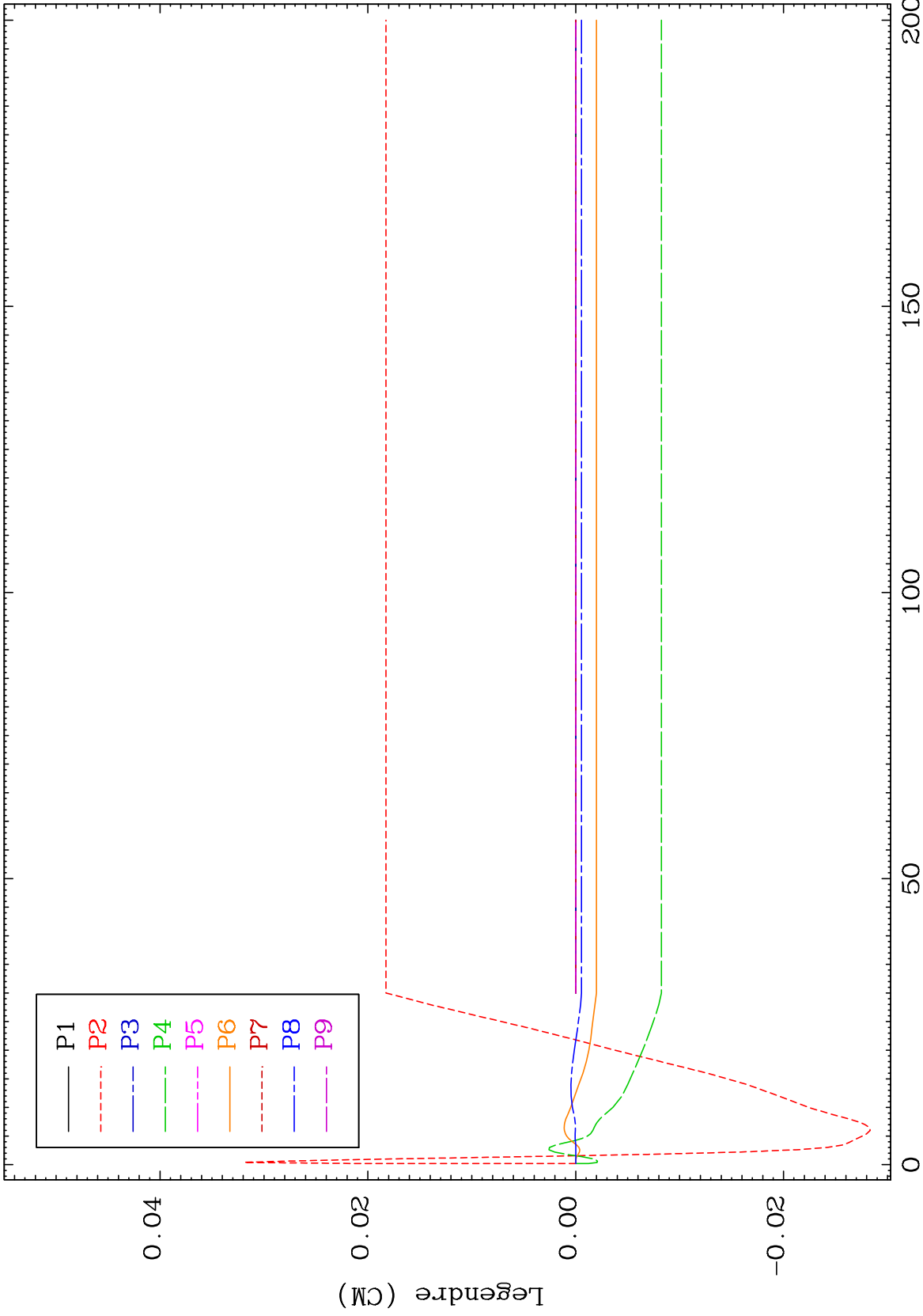
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



65

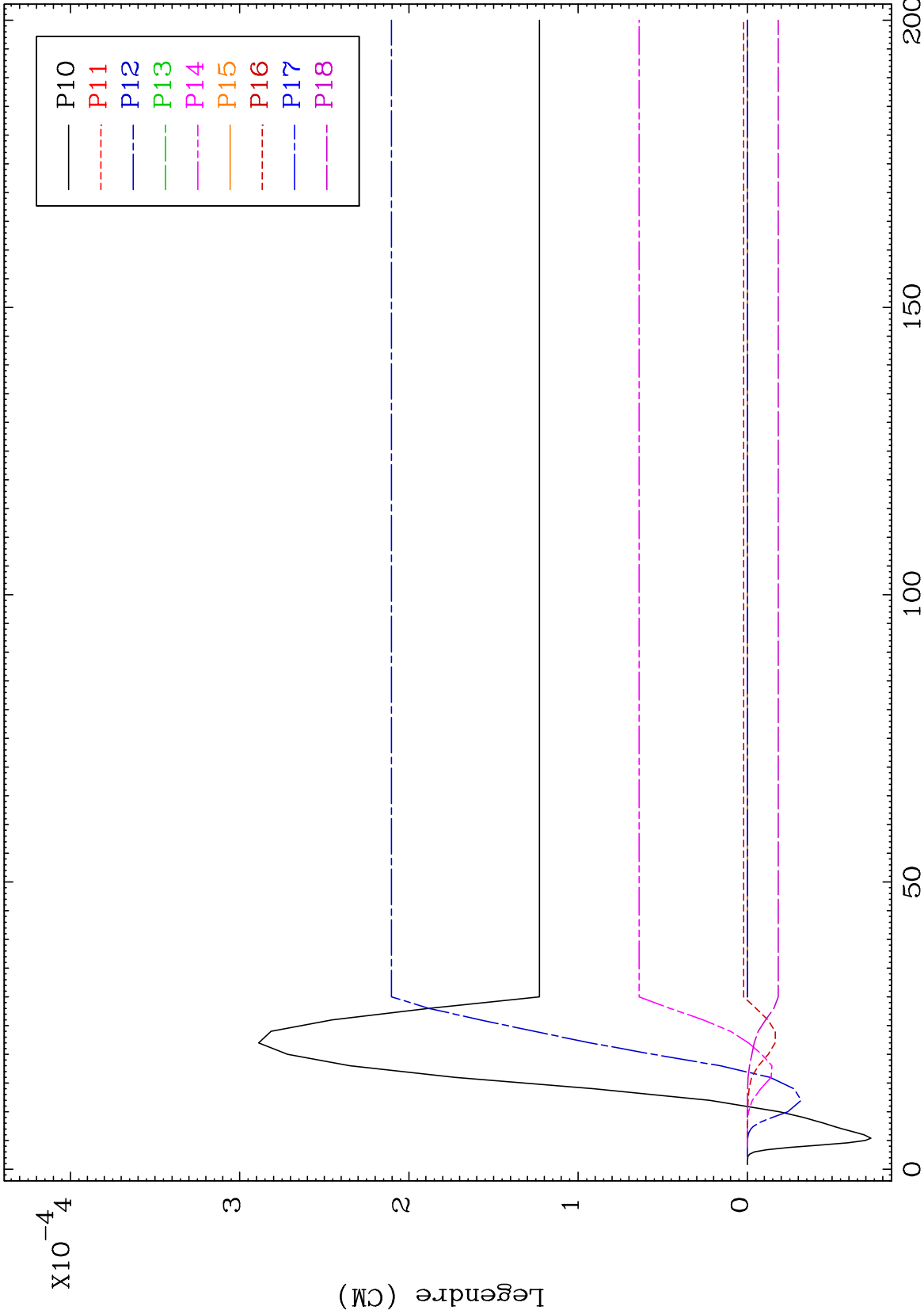
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



66

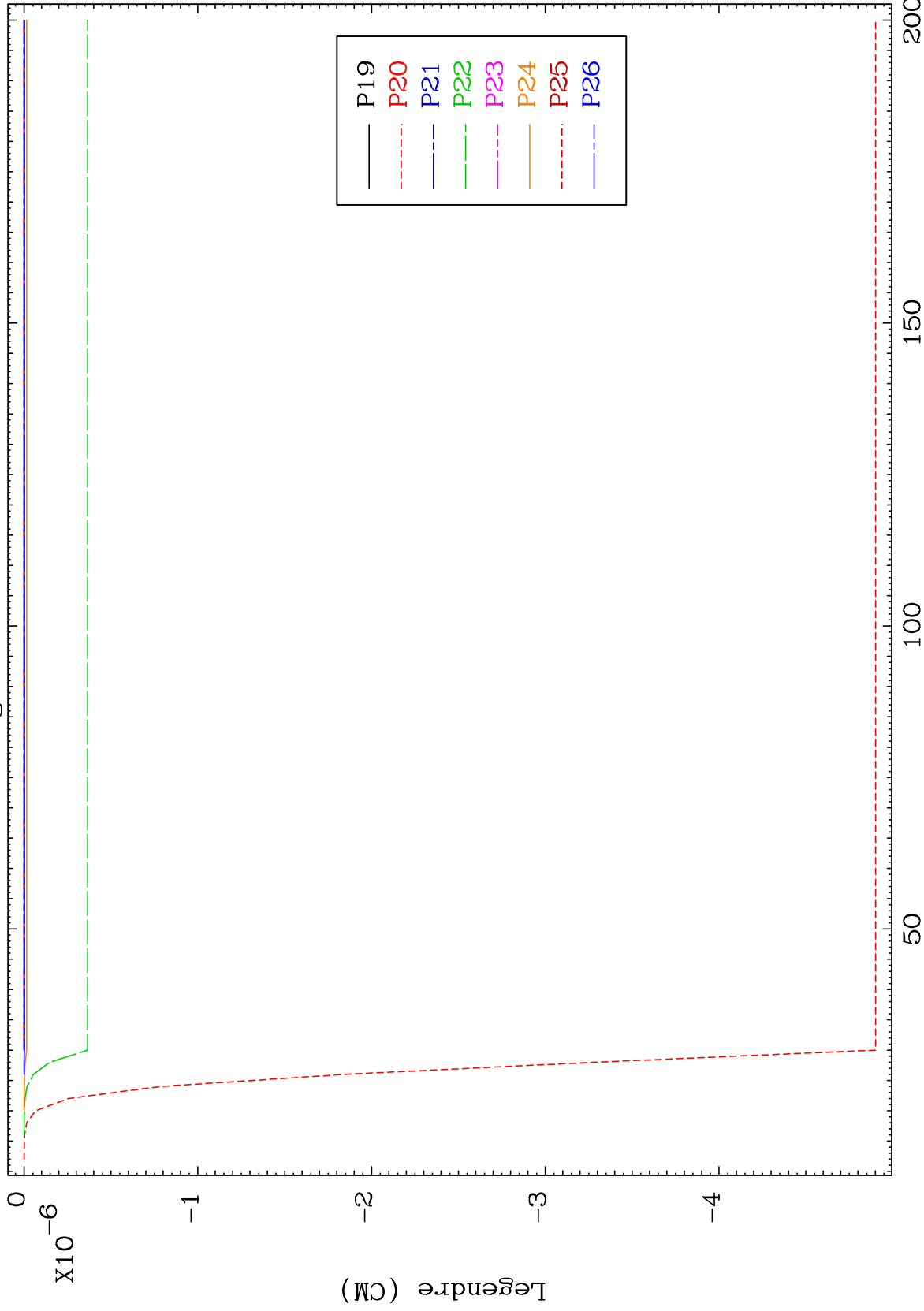
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



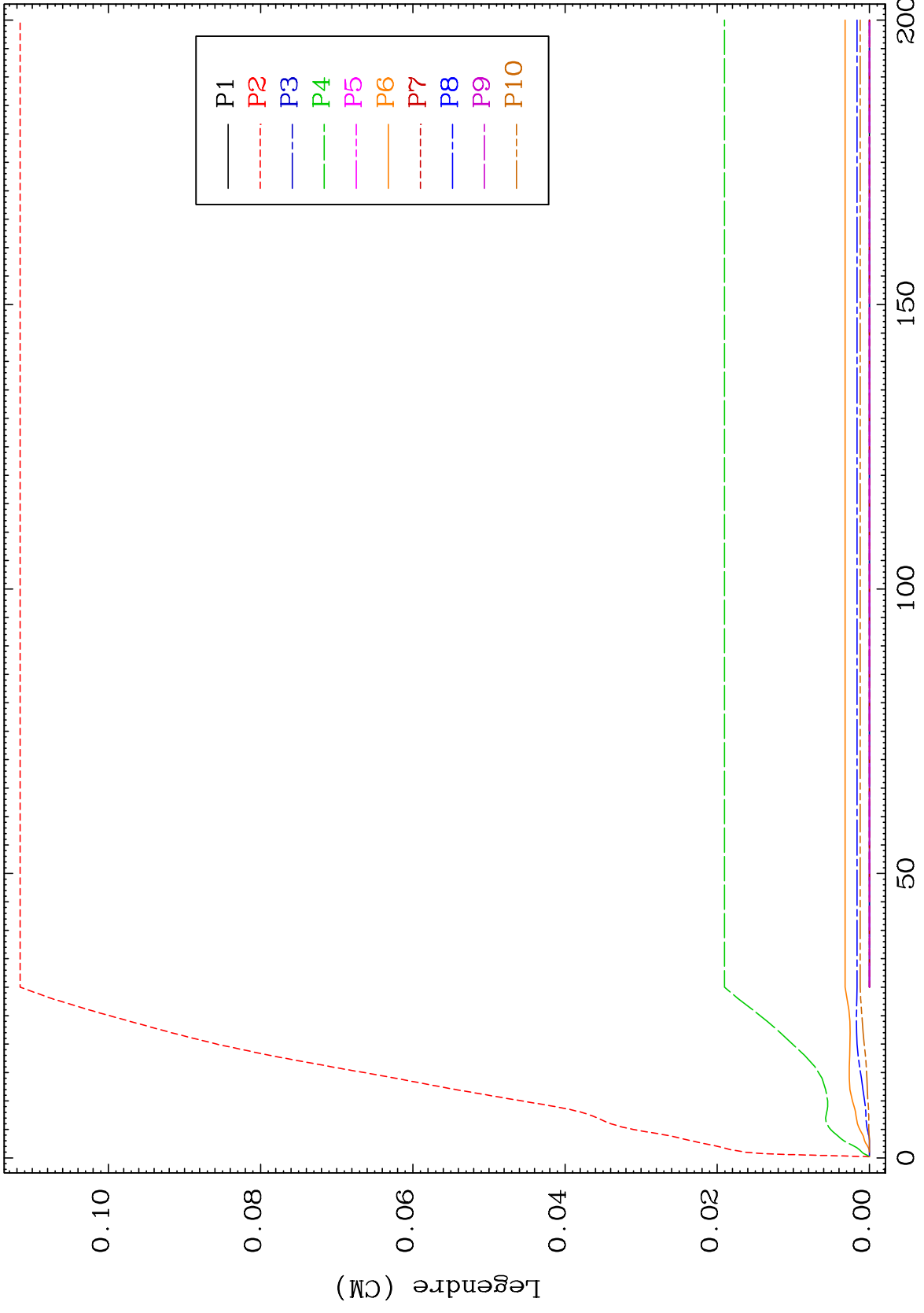
67

77-Ir-182

MAT 7698

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

77-Ir-182



68

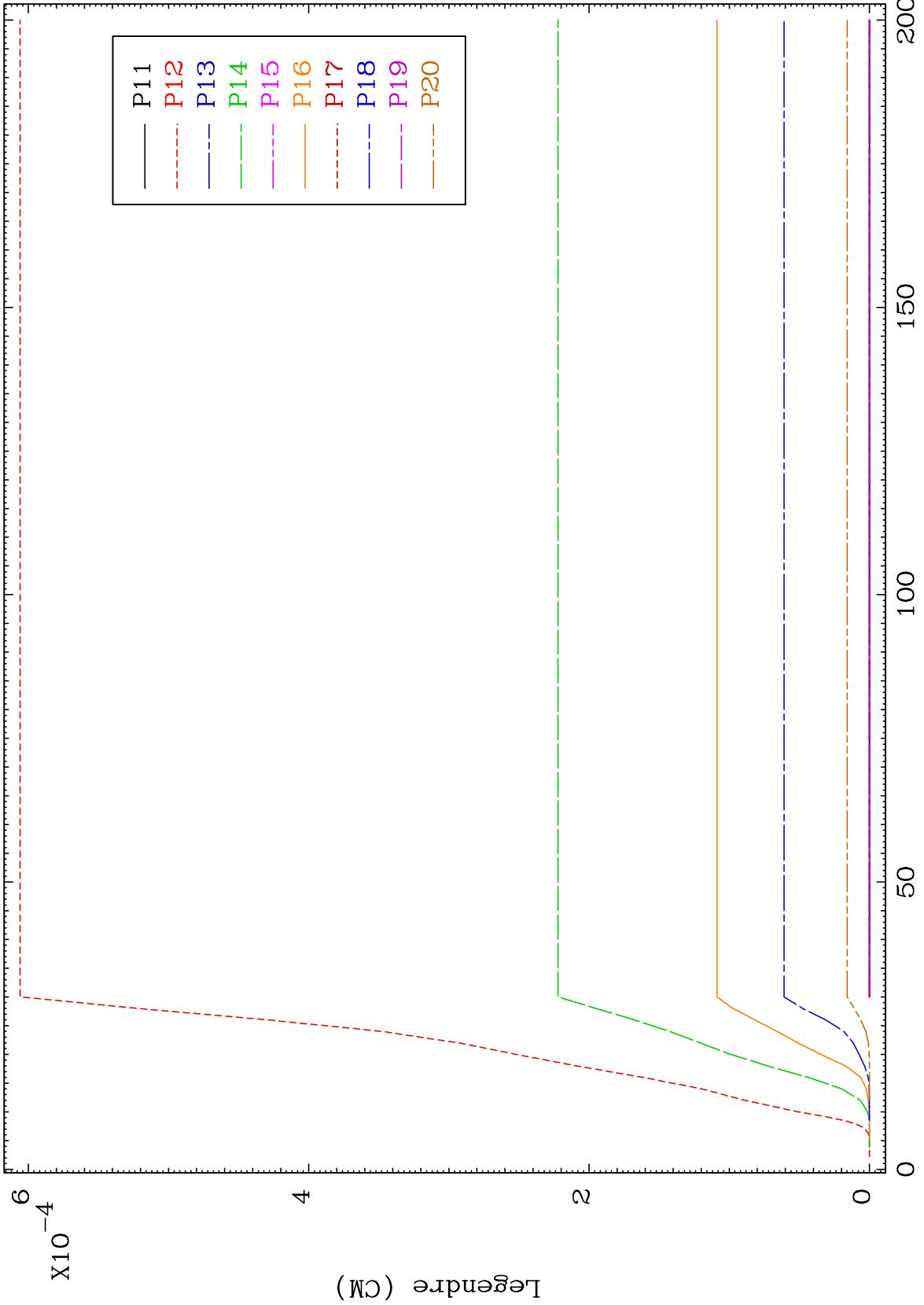
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



69

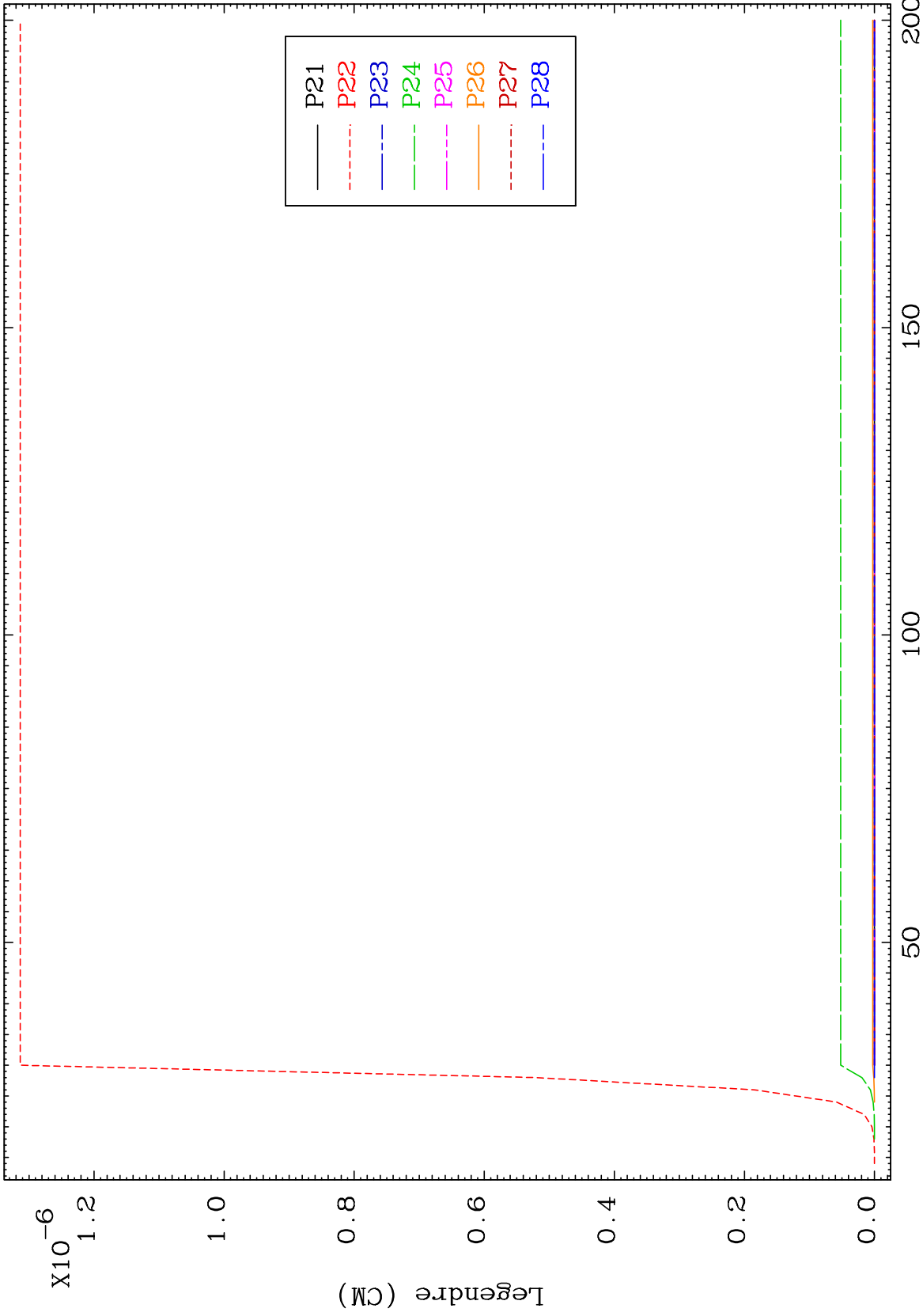
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



70

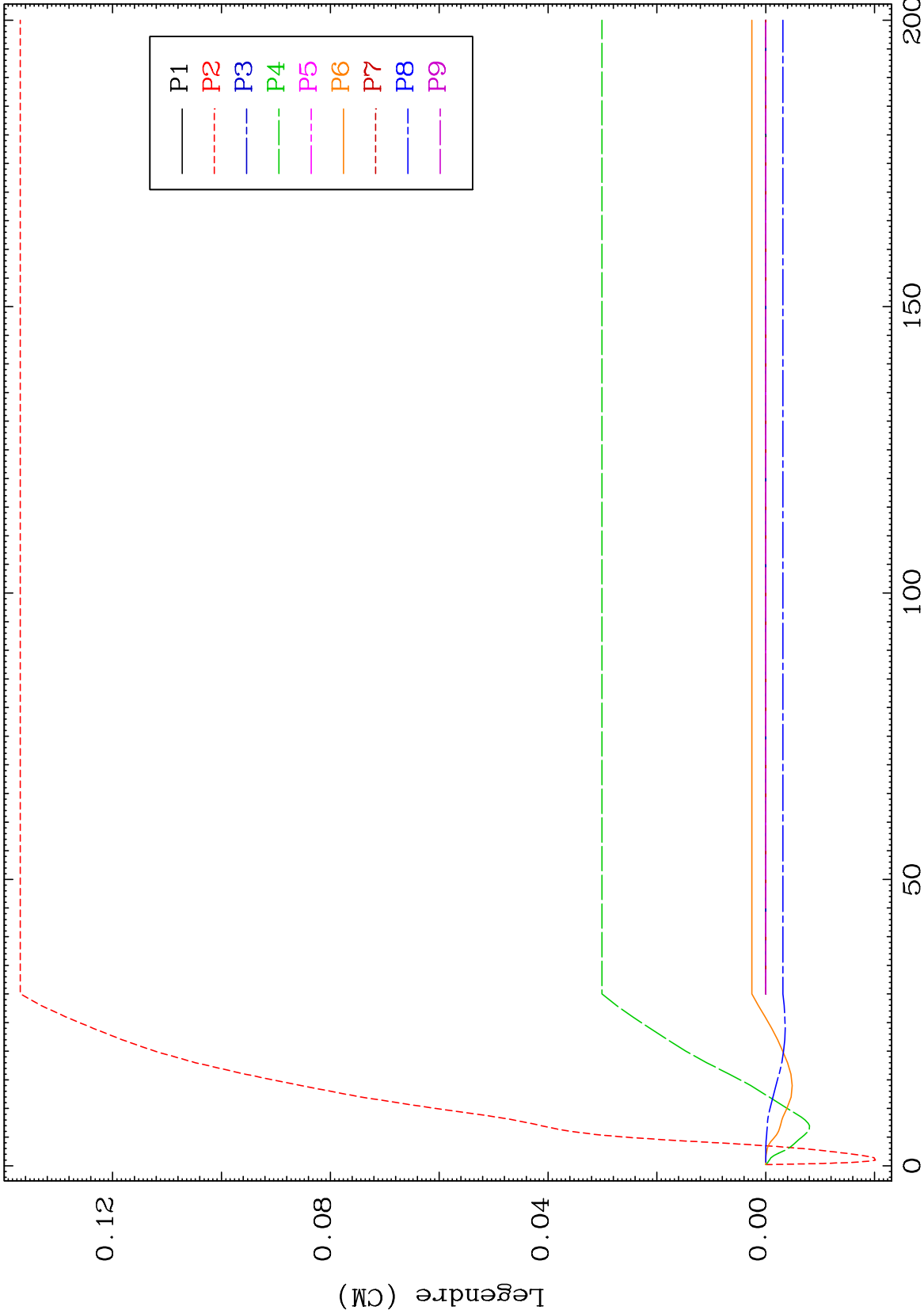
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



71

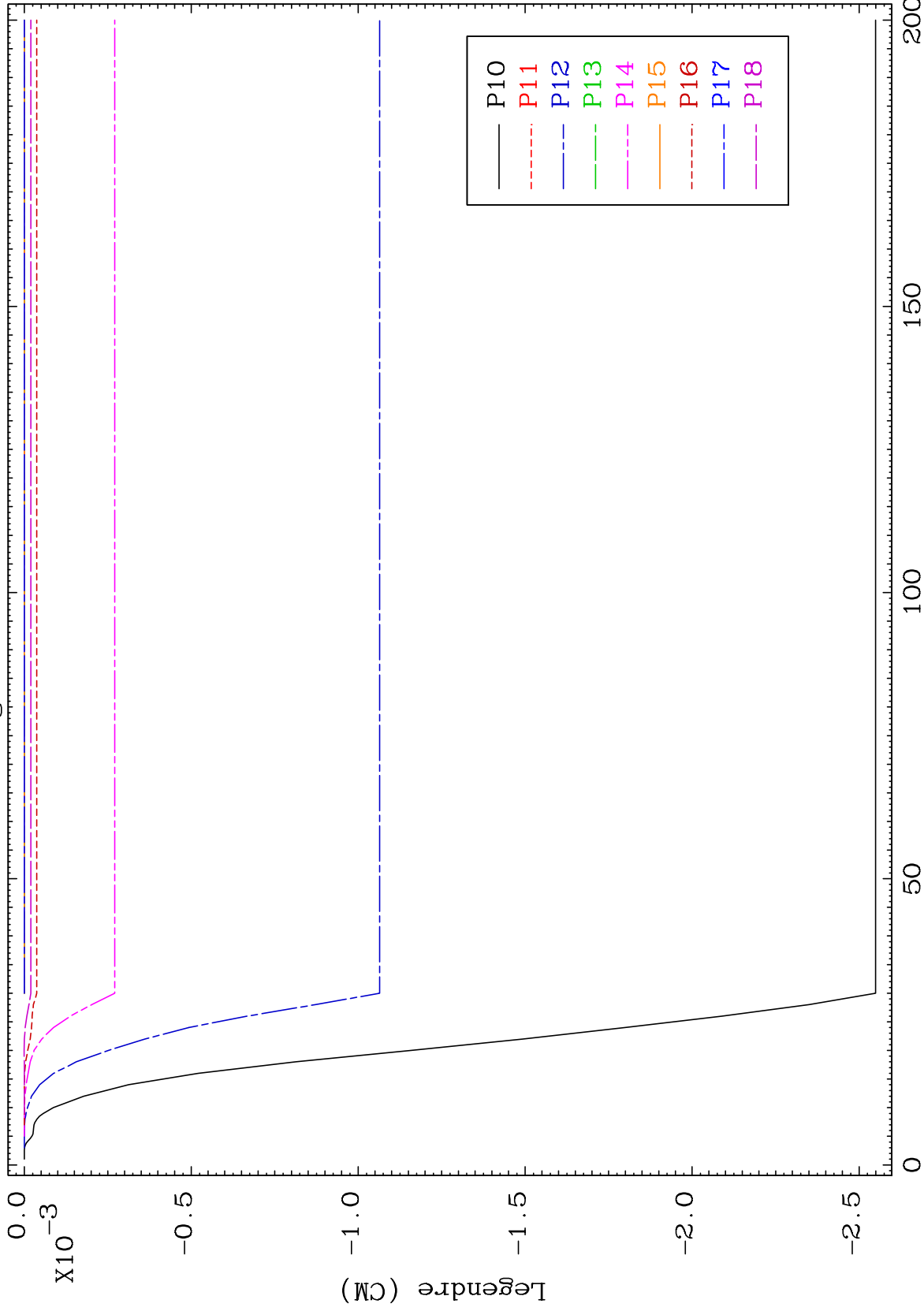
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



72

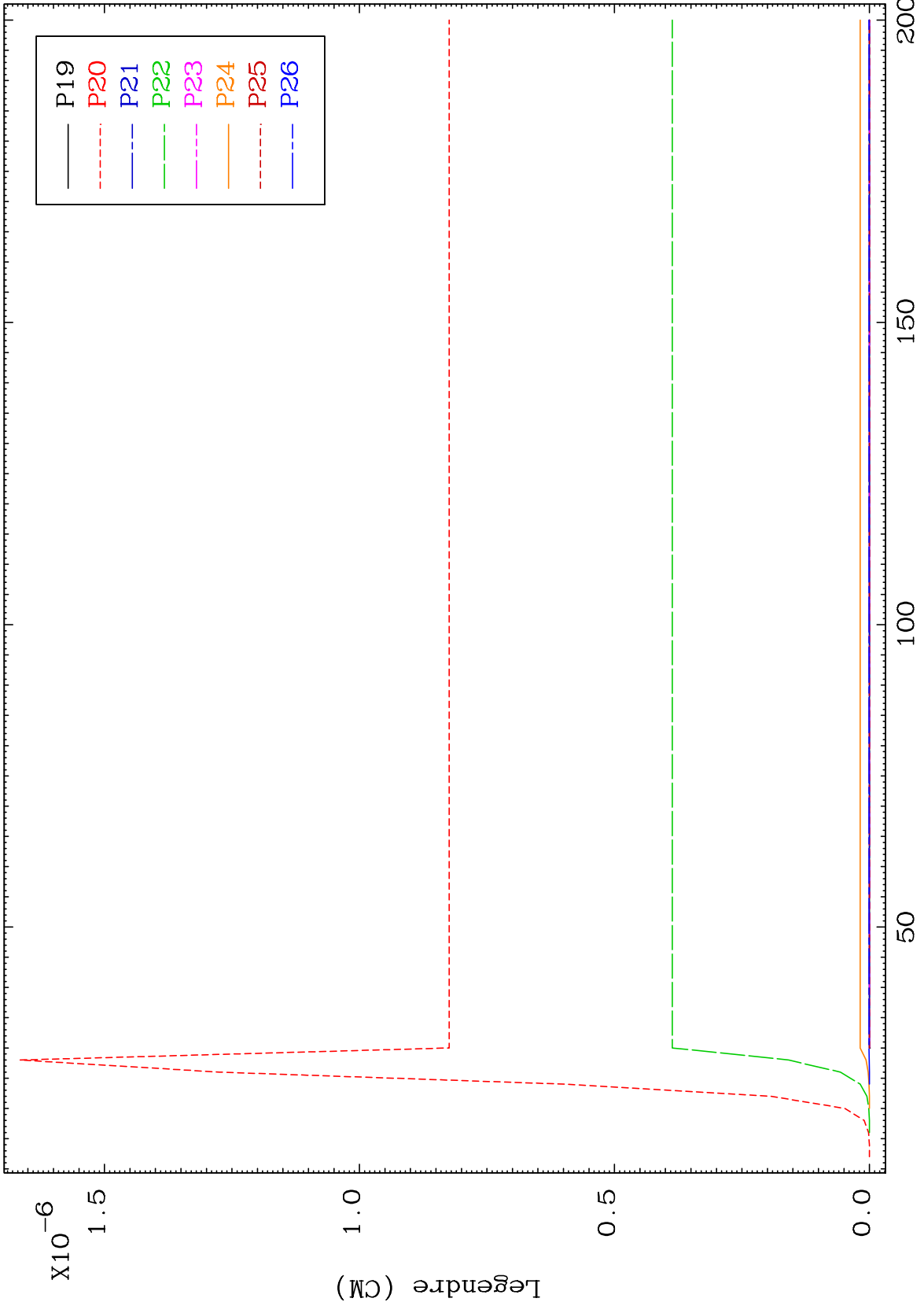
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



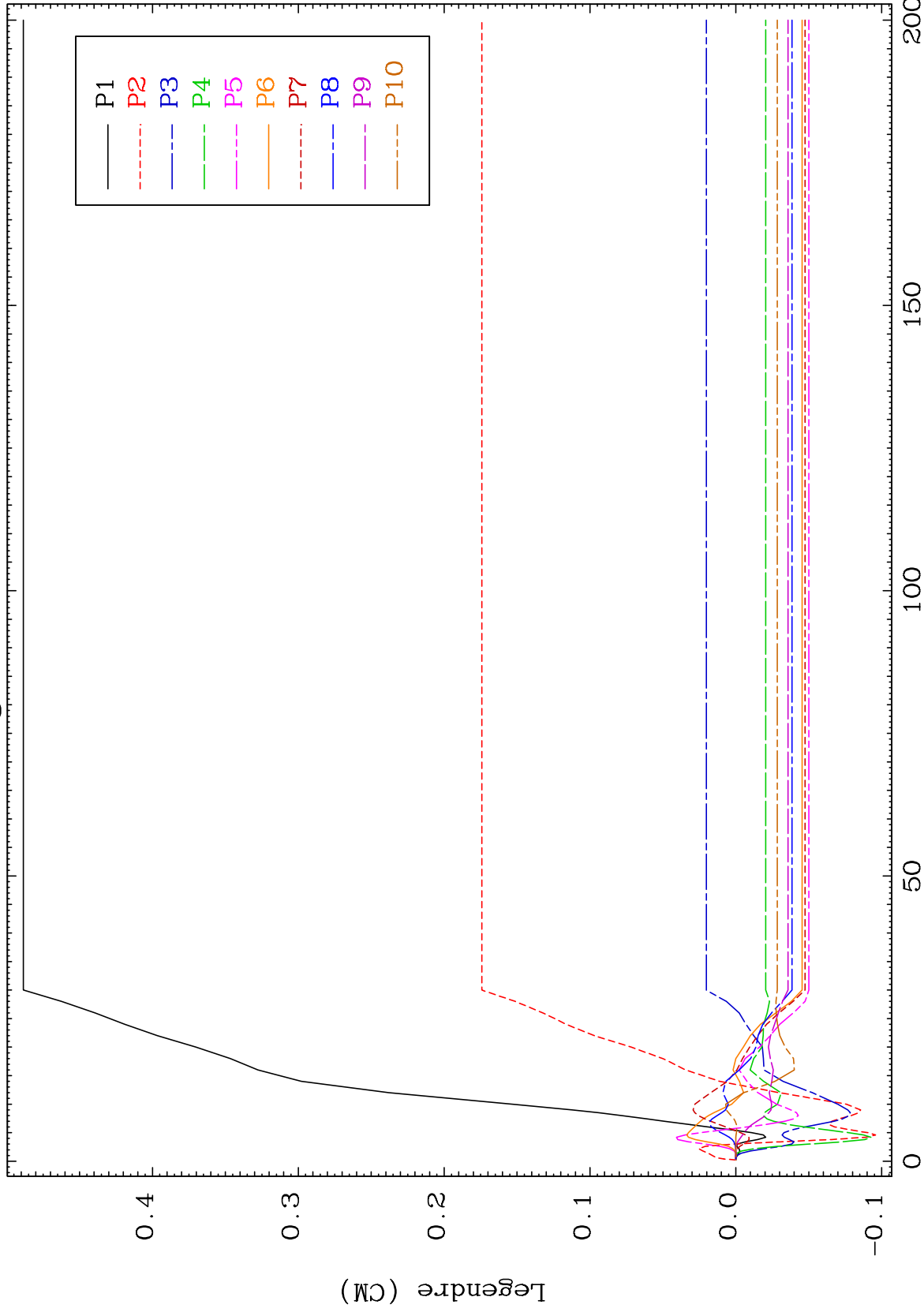
73

77-Ir-182

MAT 7698

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

77-Ir-182



74

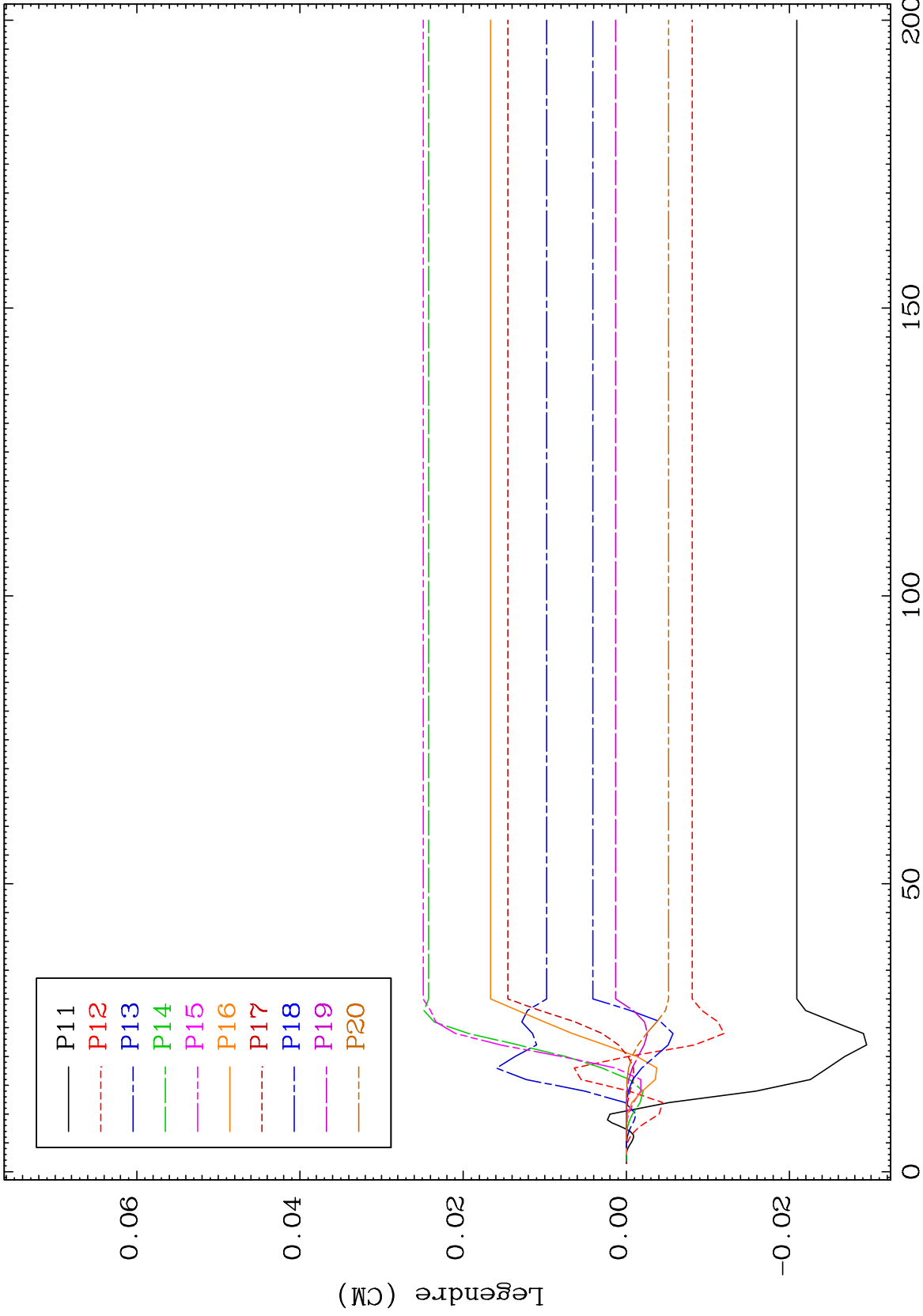
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



75

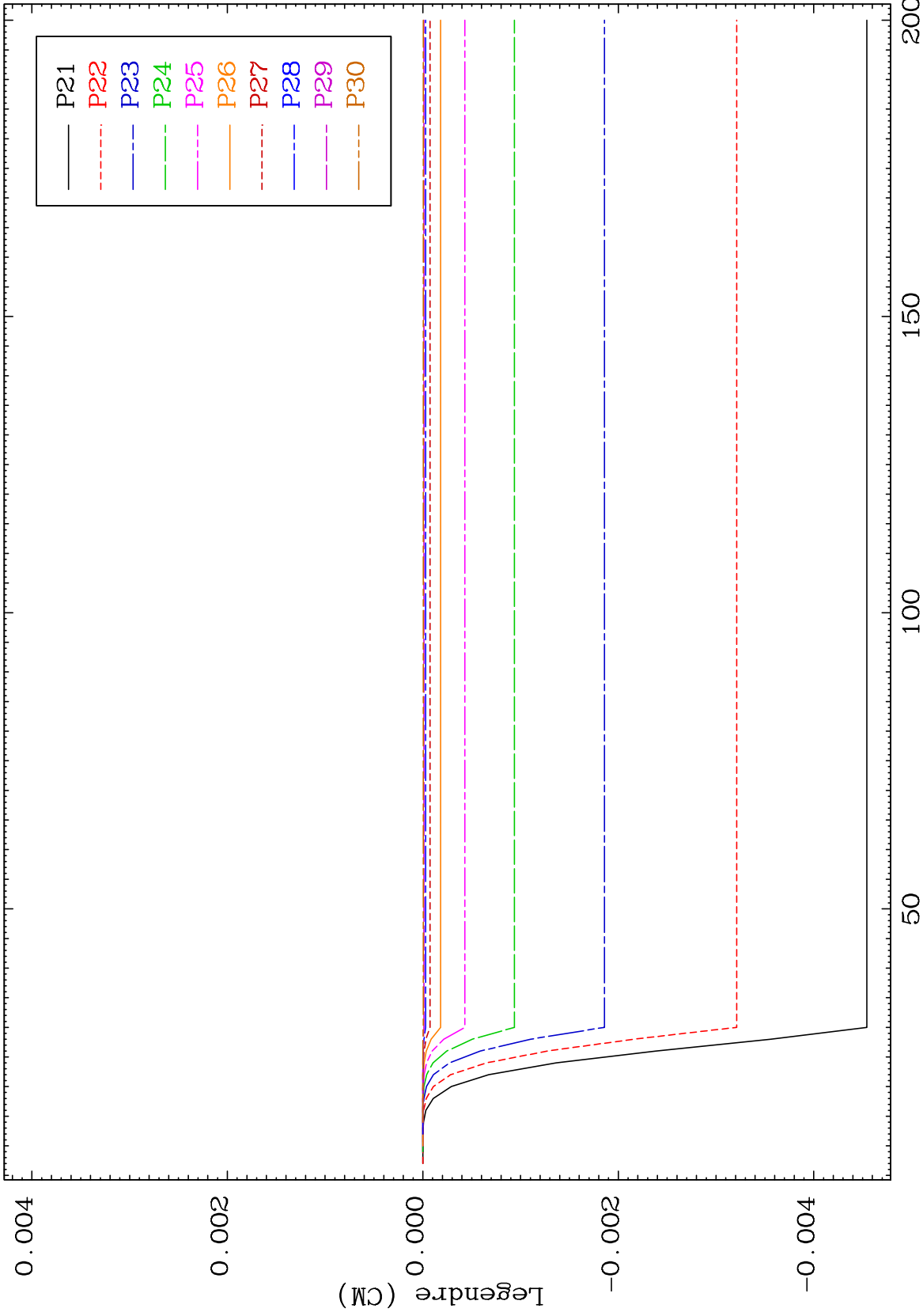
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



76

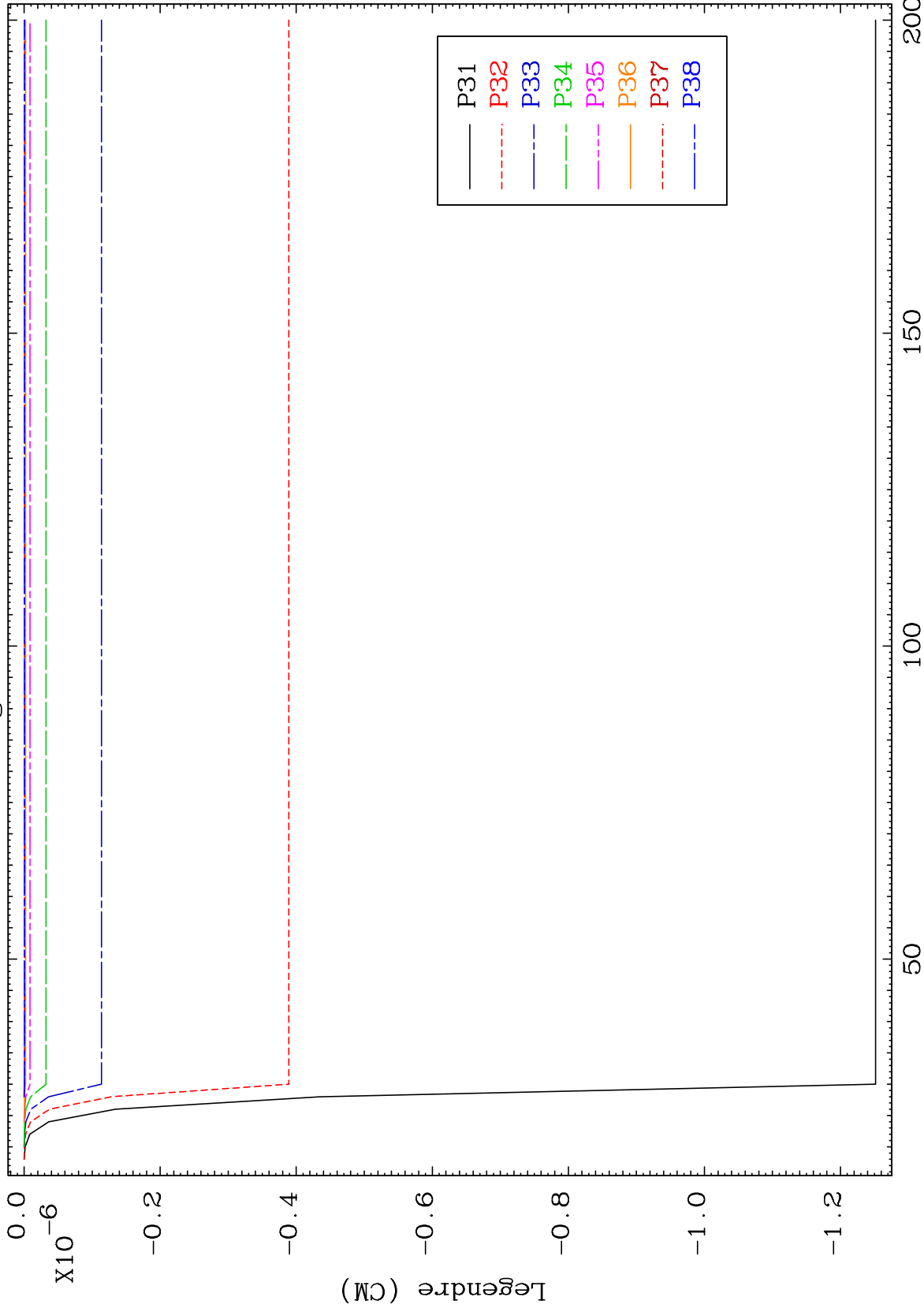
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77

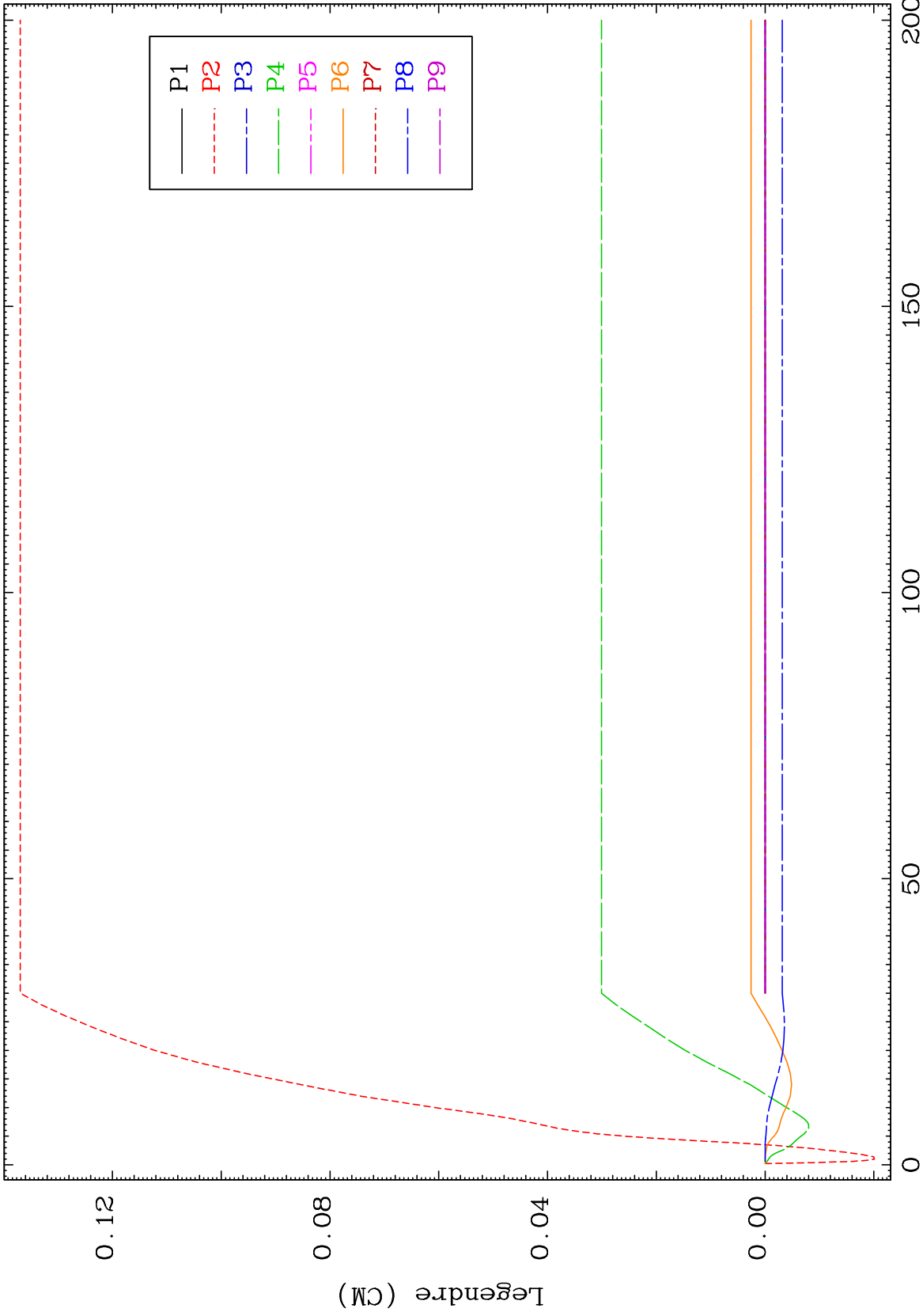
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



78

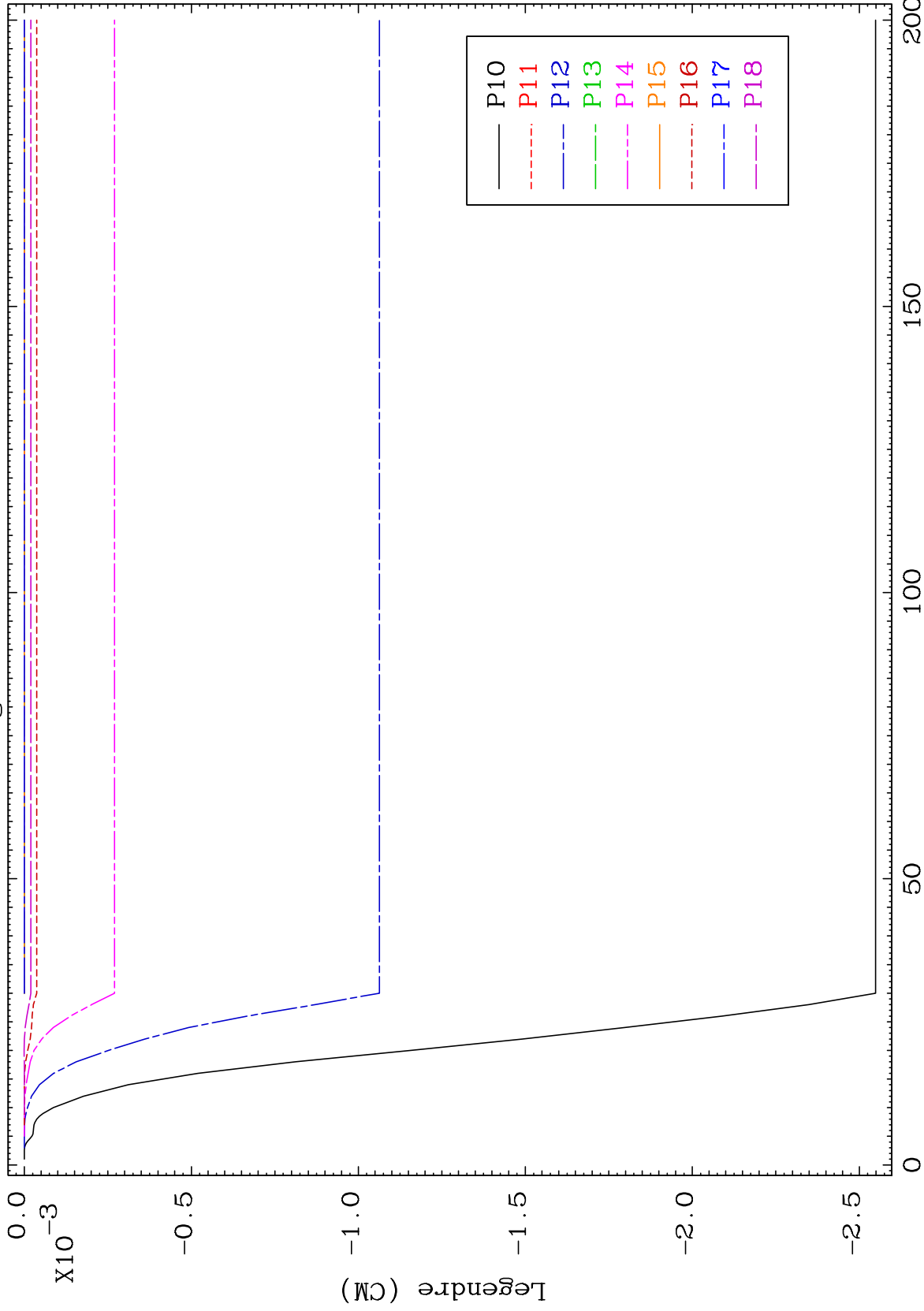
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



79

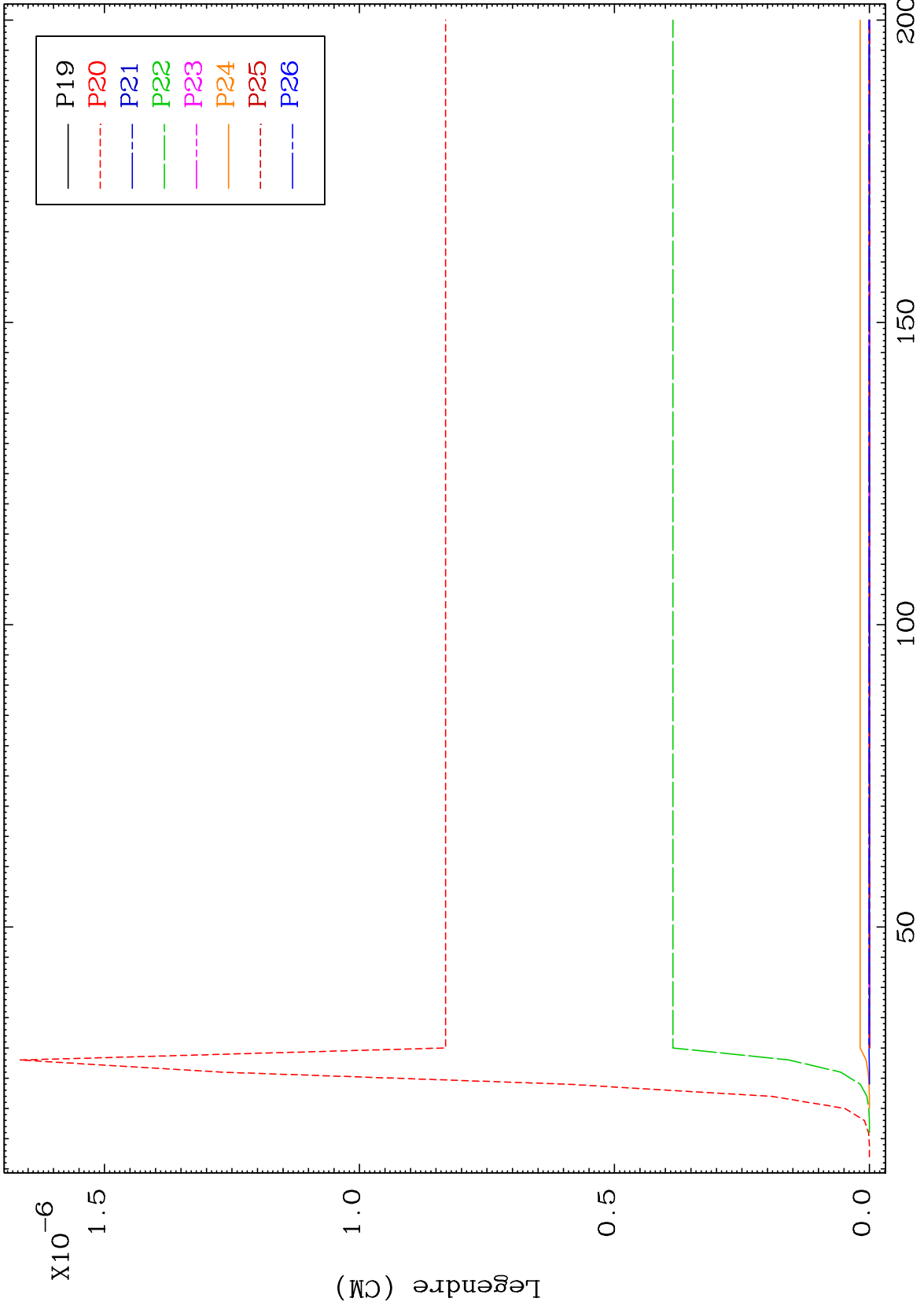
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



80

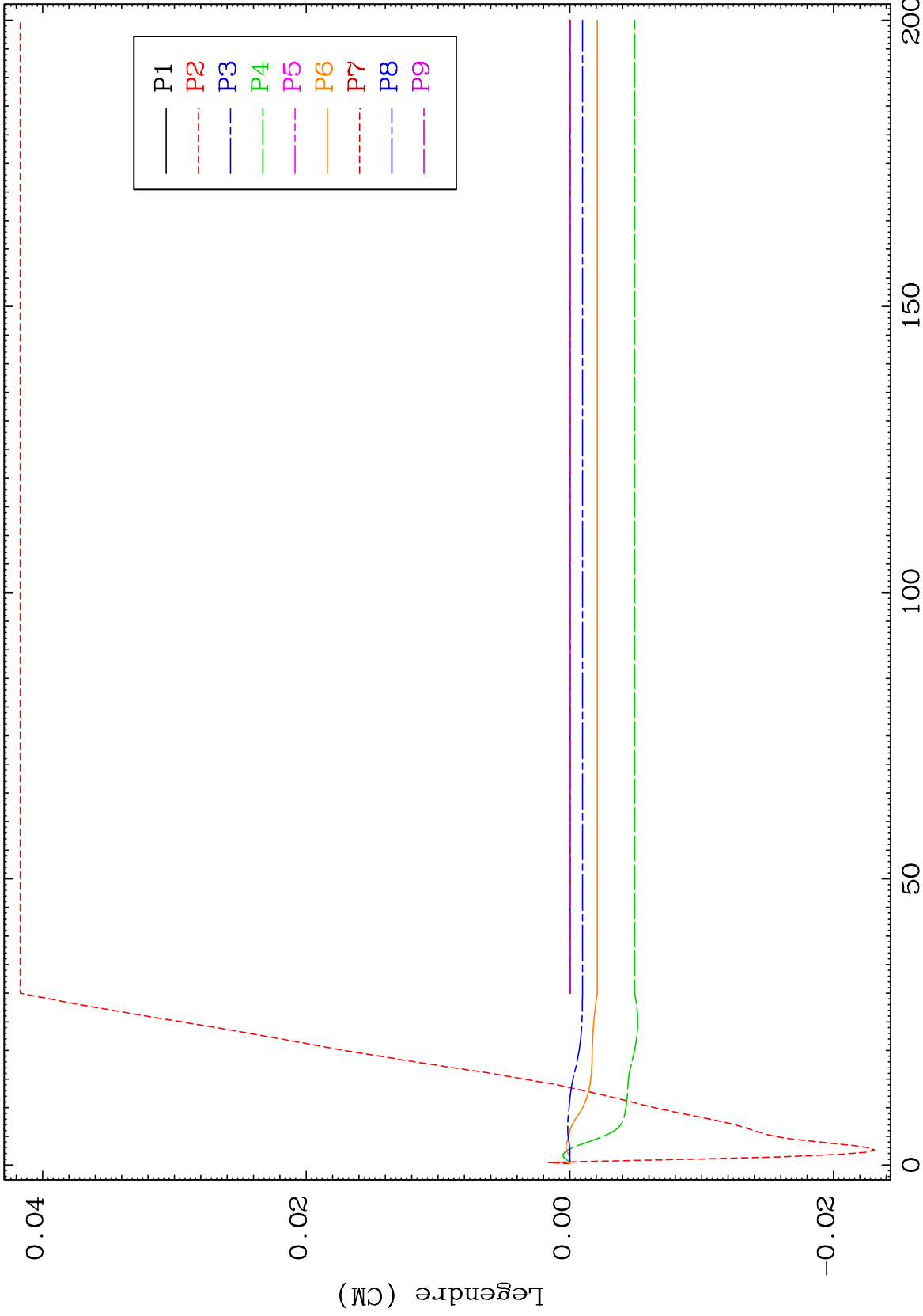
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



81

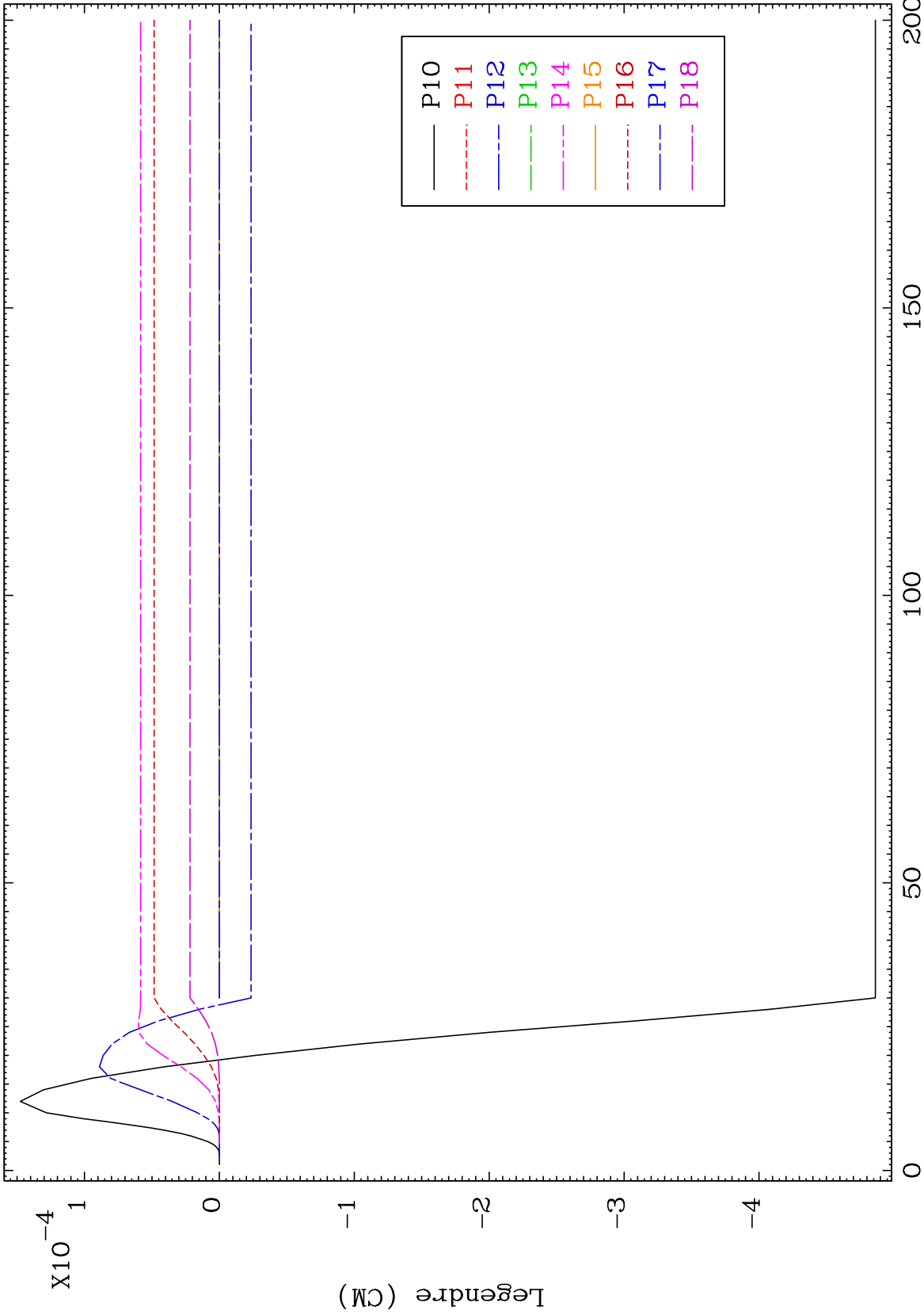
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



82

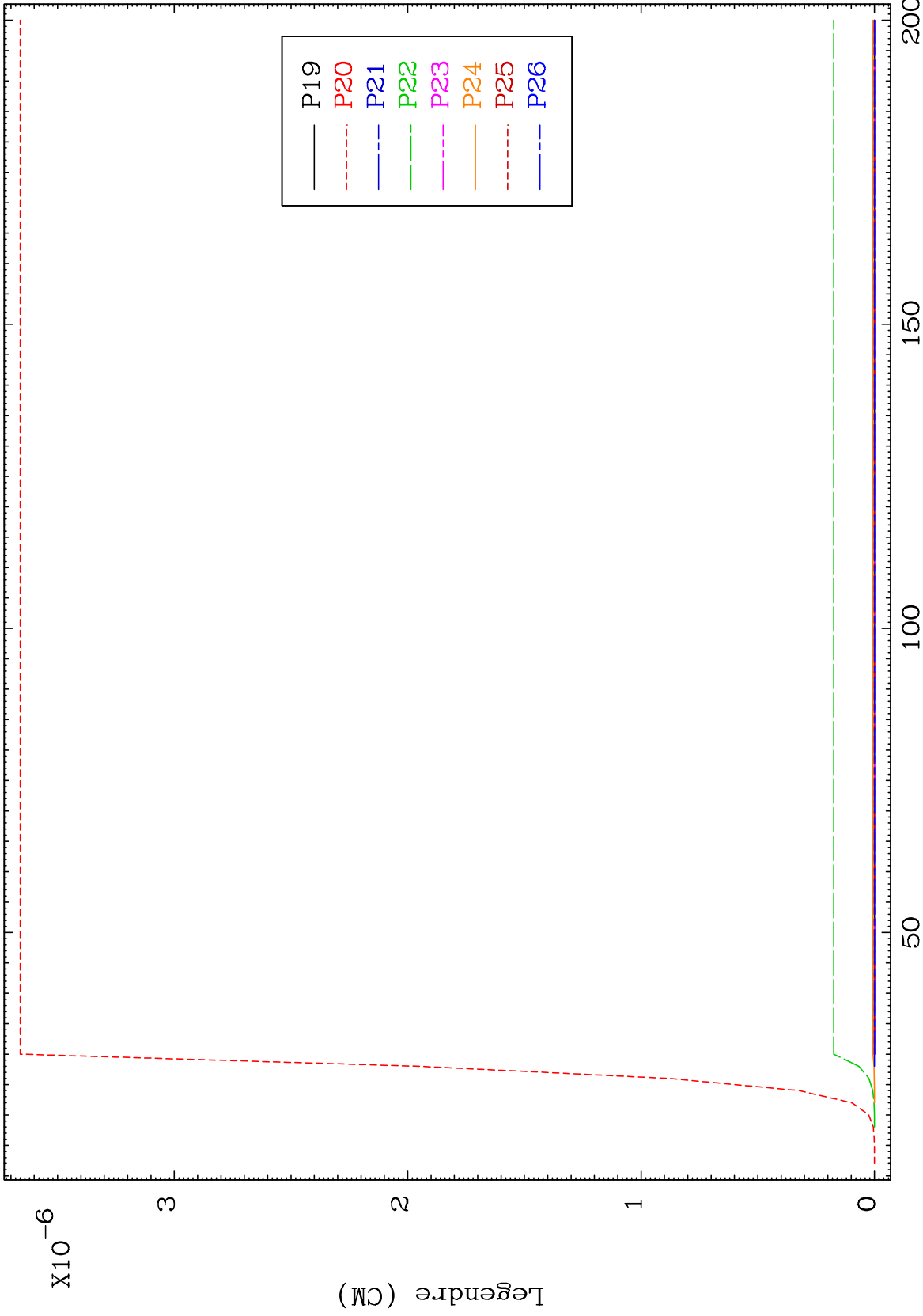
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

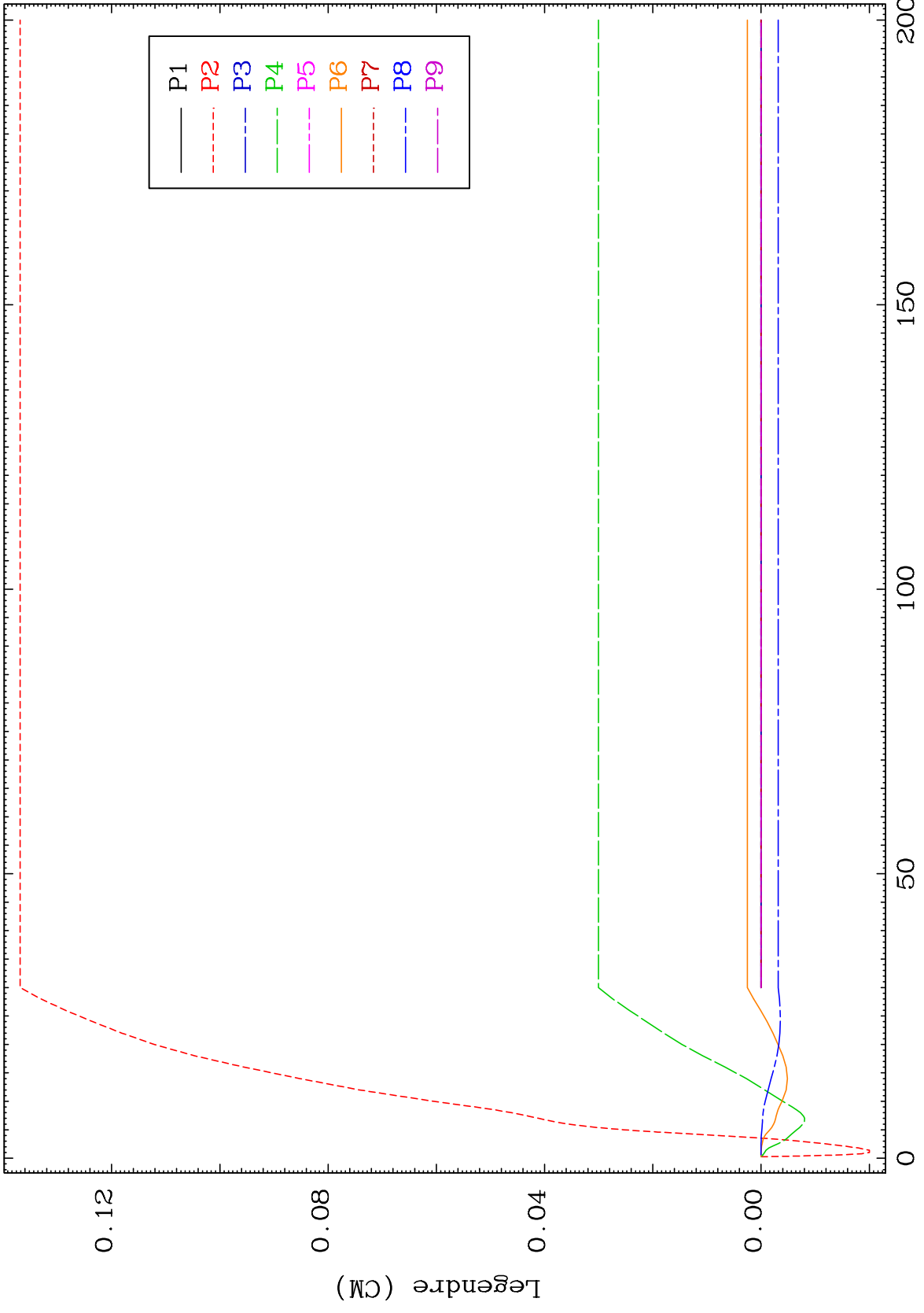
77-Ir-182



MAT 7698

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

77-Ir-182



84

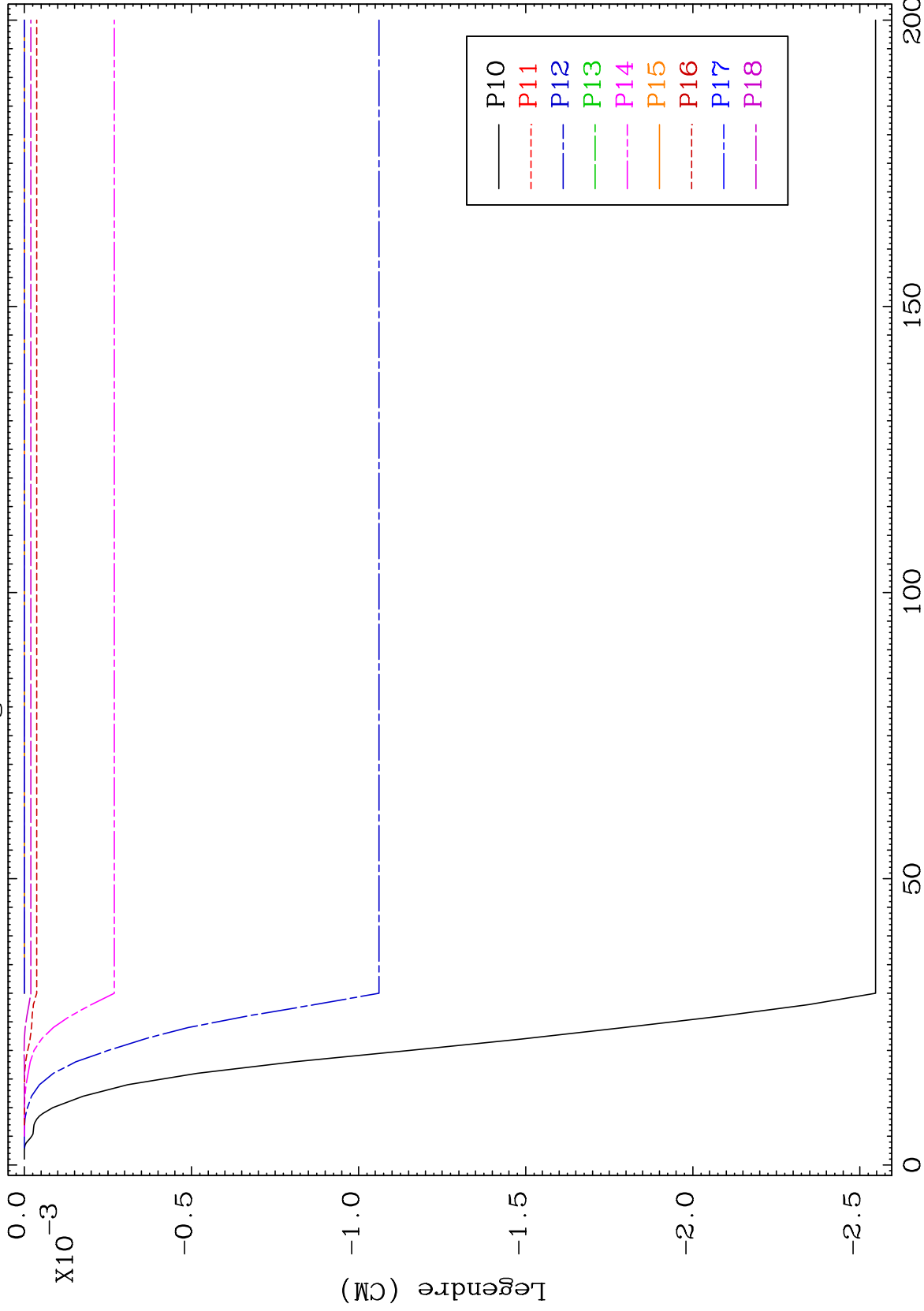
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



85

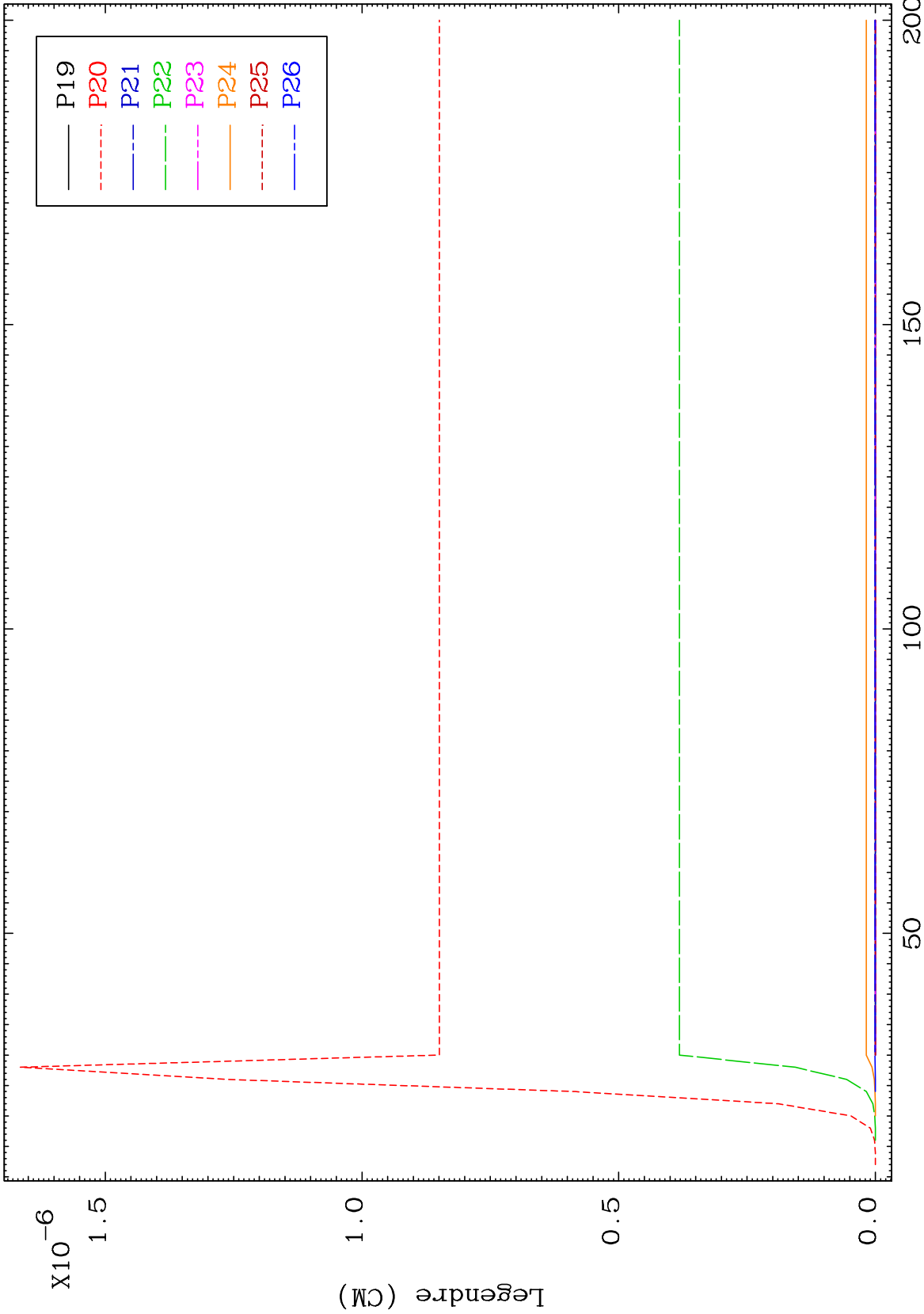
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



86

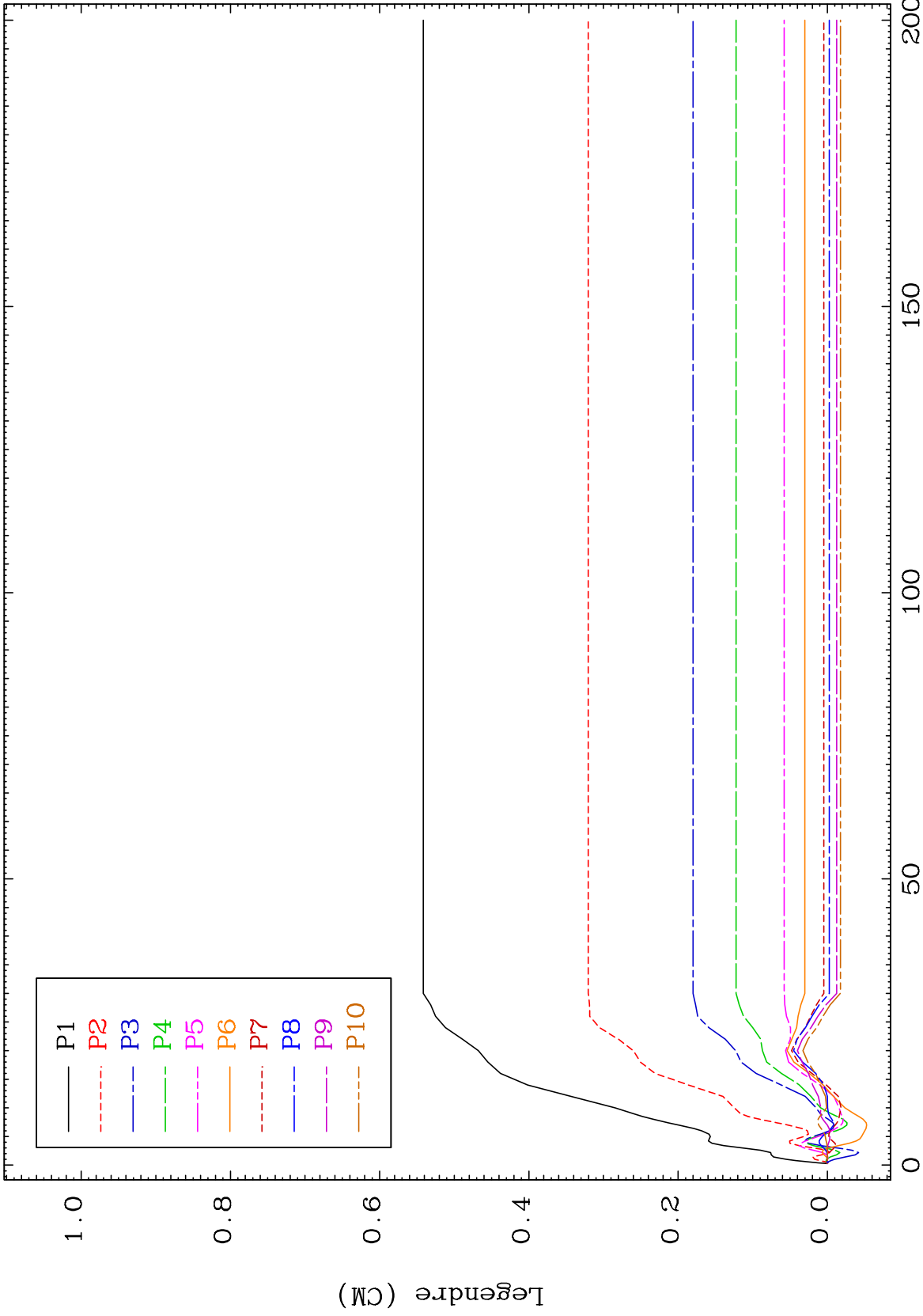
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



87

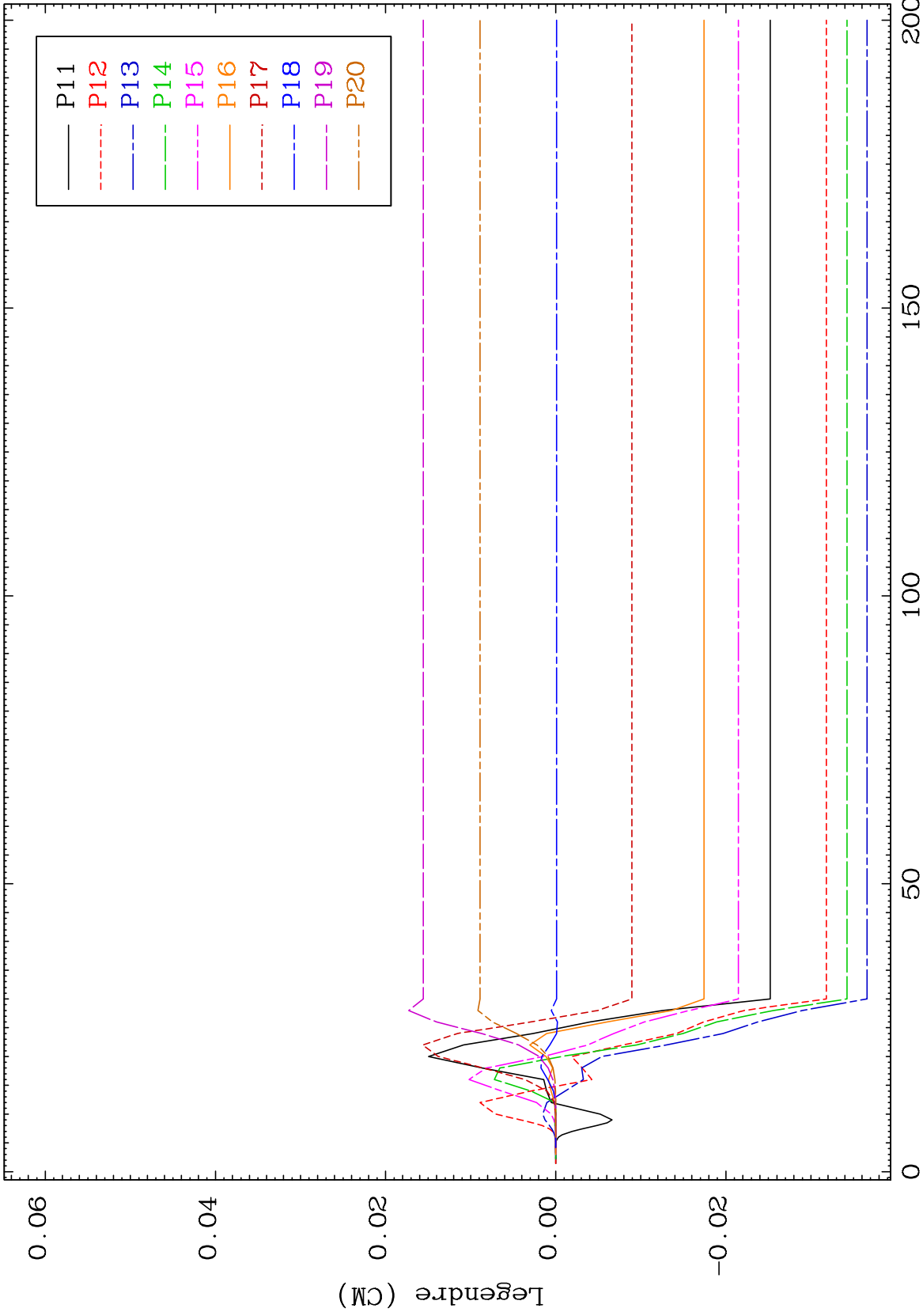
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

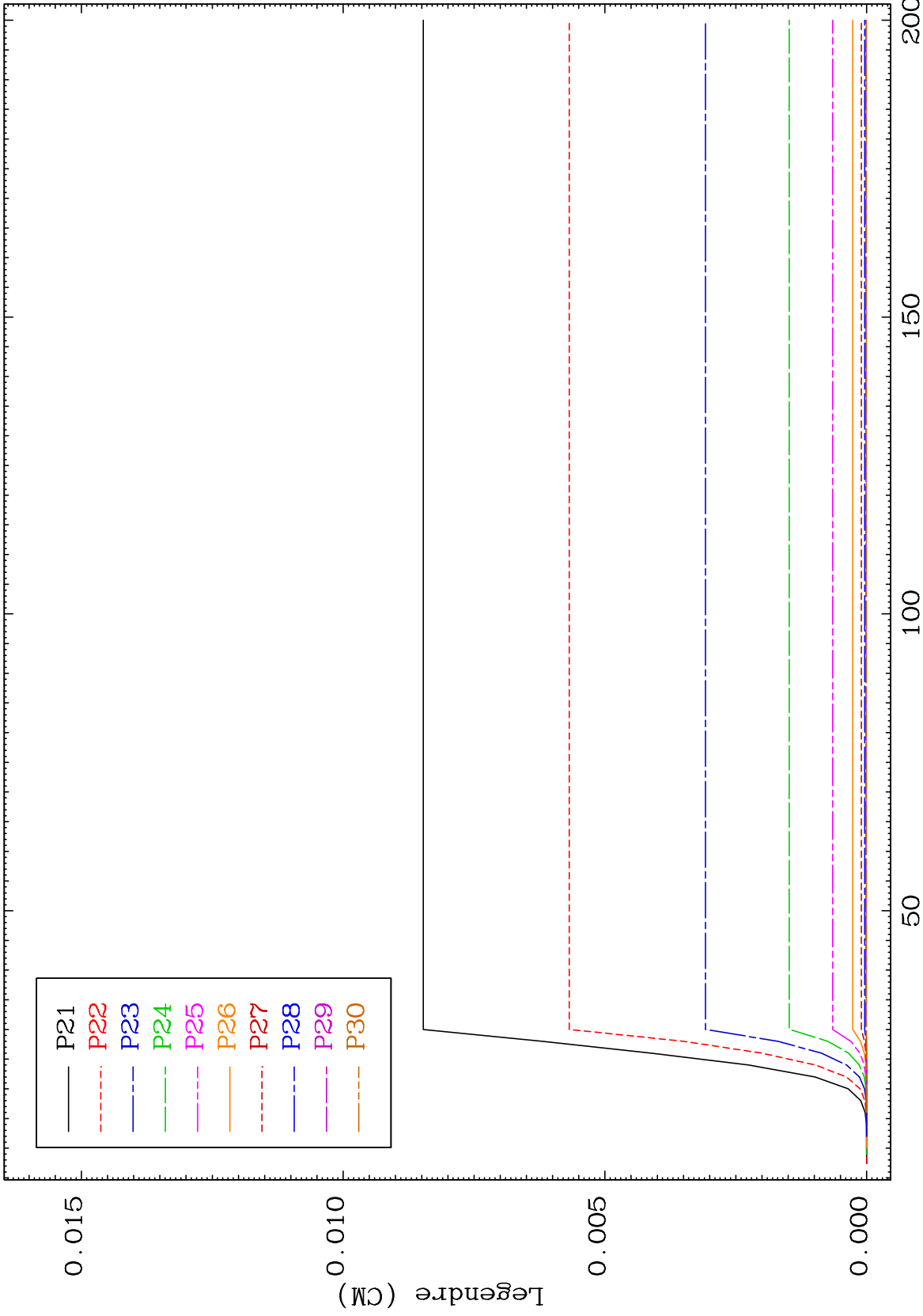
77-Ir-182



88

Incident Energy (MeV)

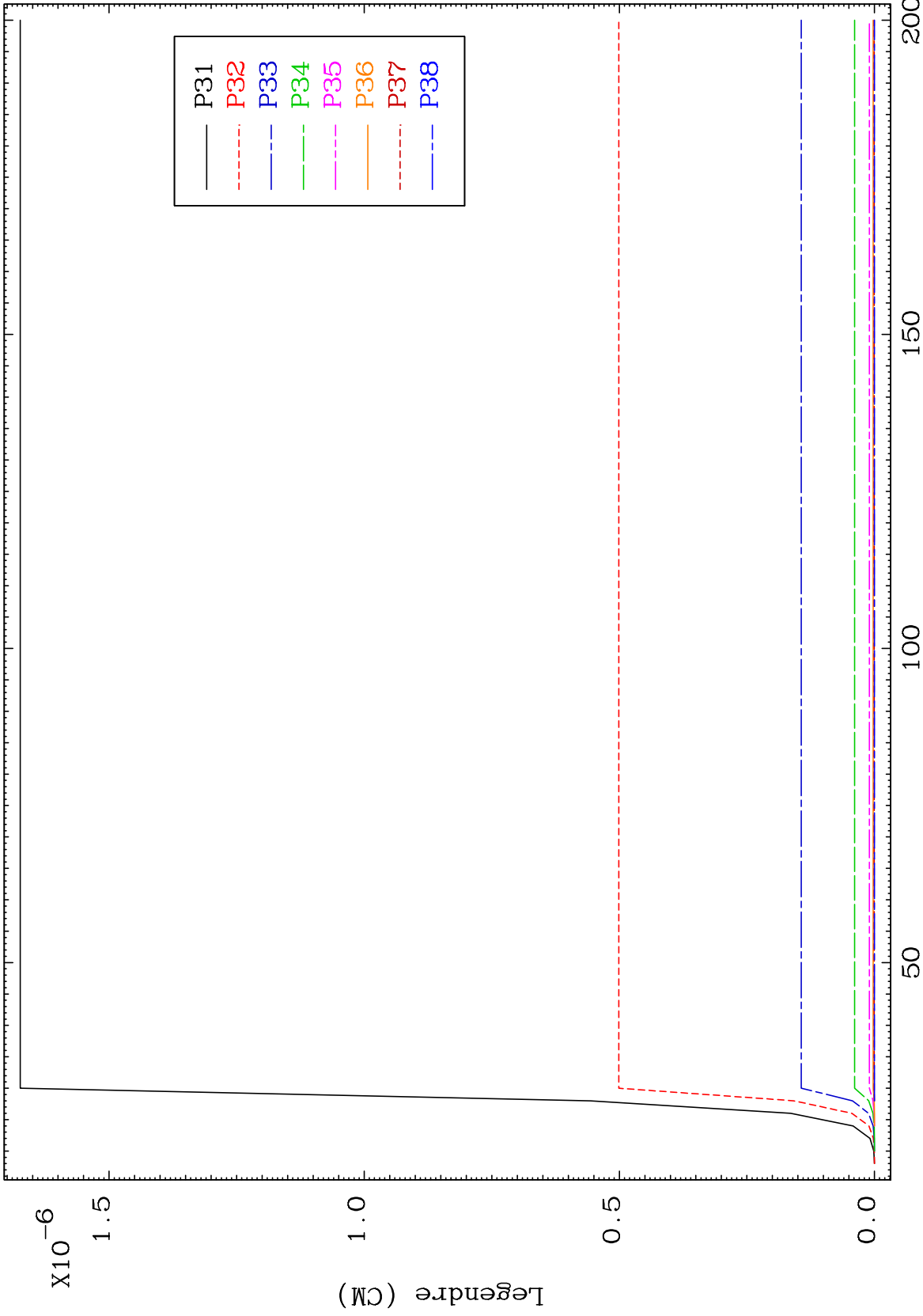
77-Ir-182



MAT 7698

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

77-Ir-182



90

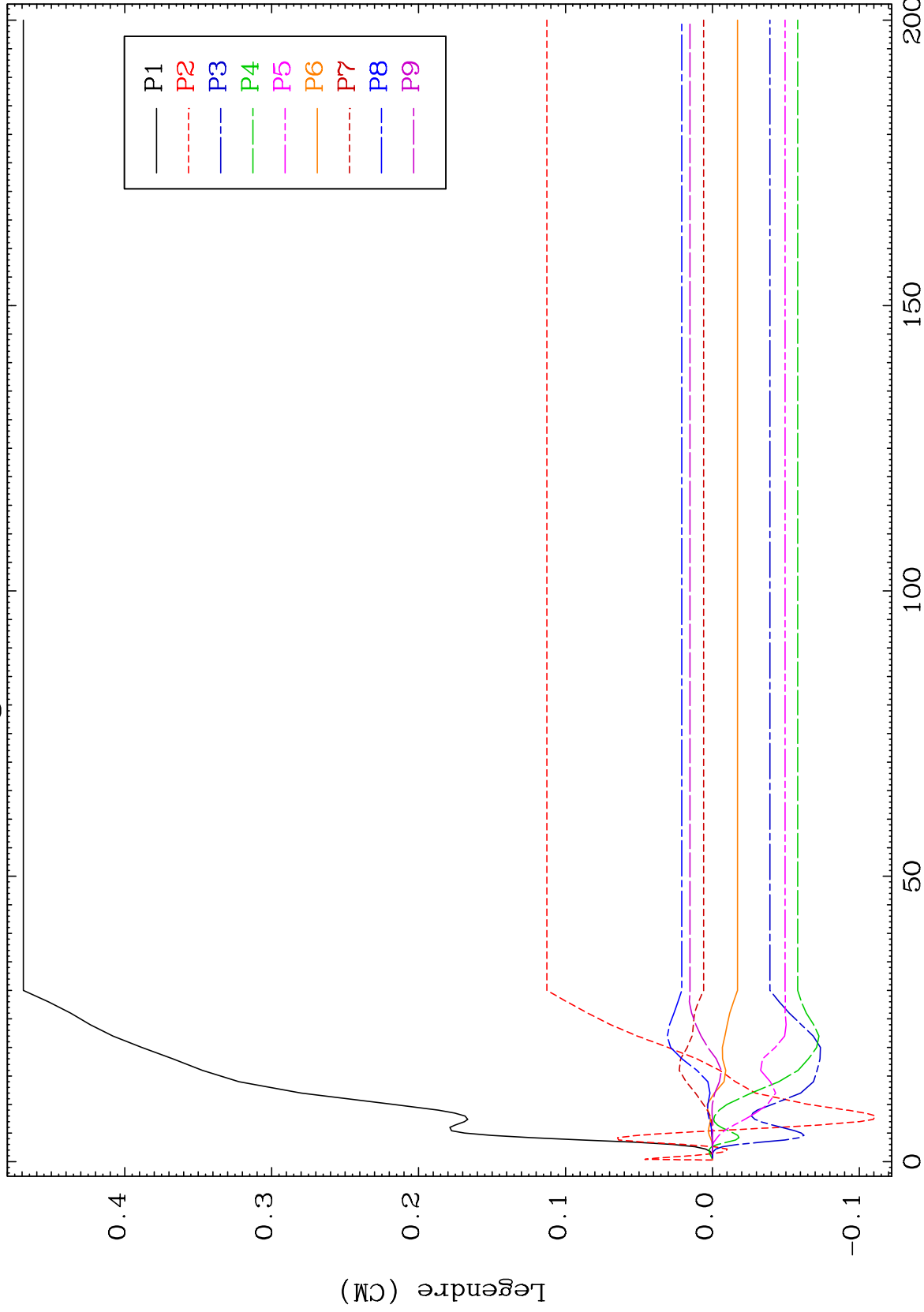
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



91

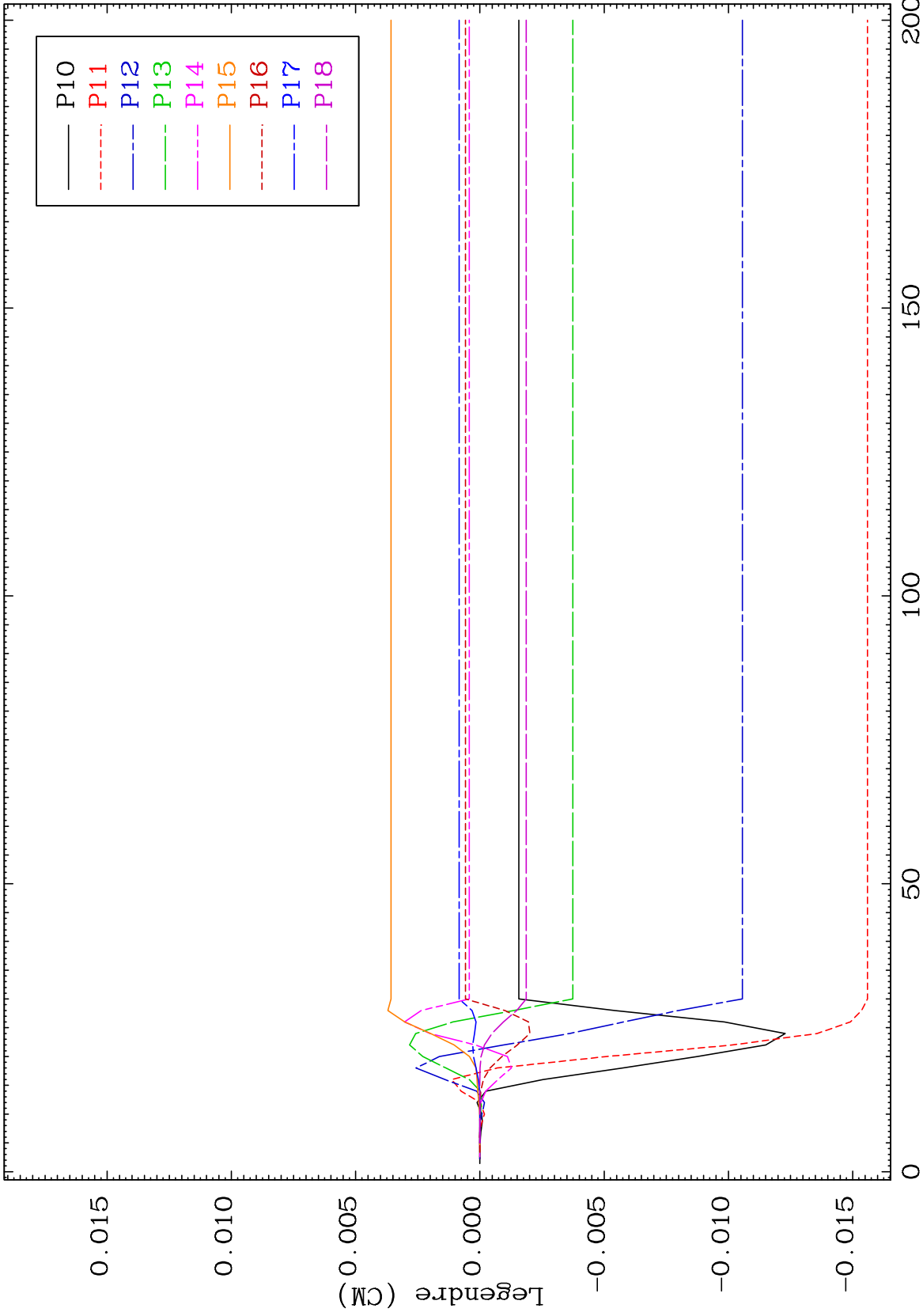
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



92

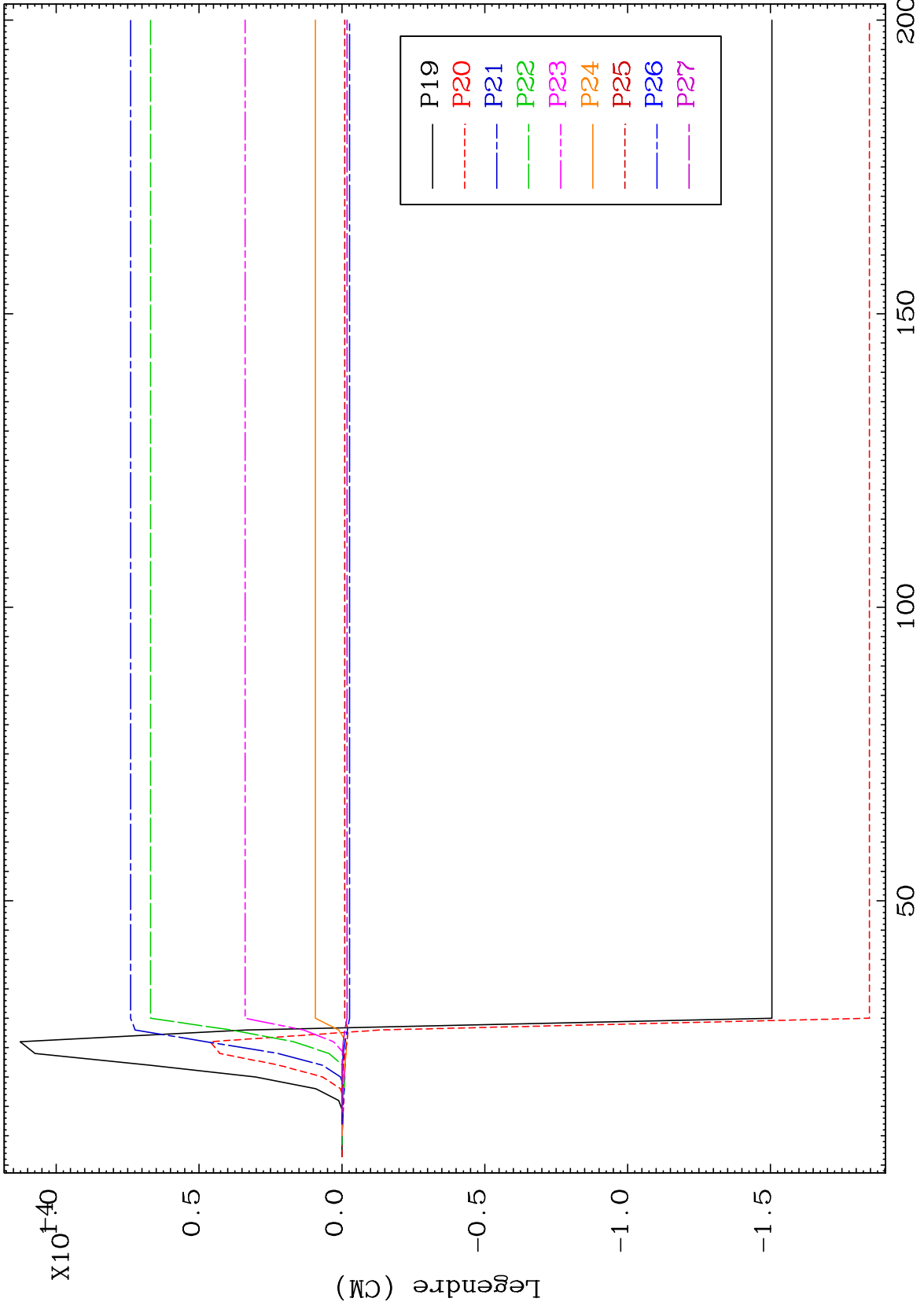
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182

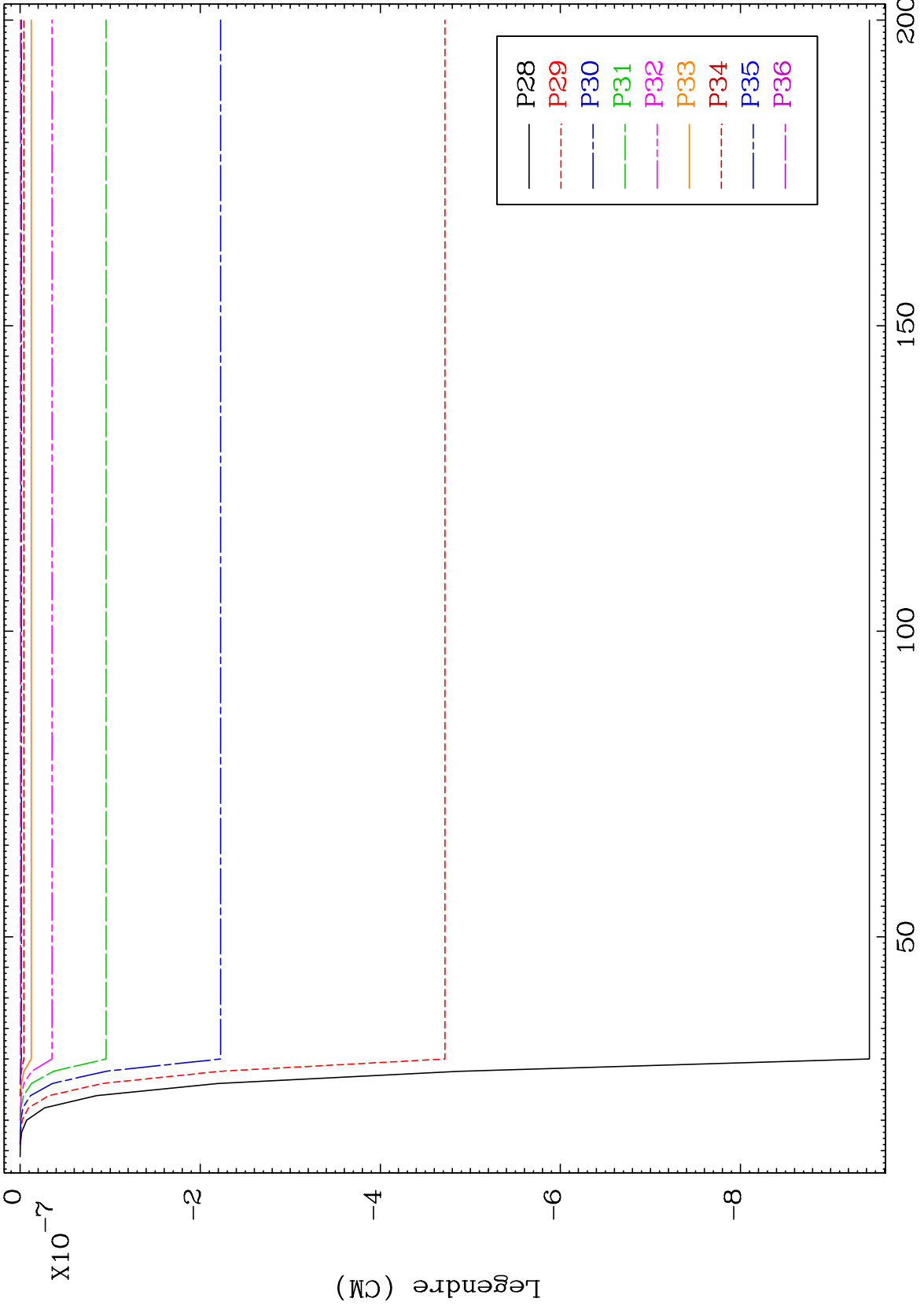


93

Incident Energy (MeV)

77-Ir-182

MAT 7698 MT= 72 (n,n') Level Legendre Coefficients 77-Ir-182

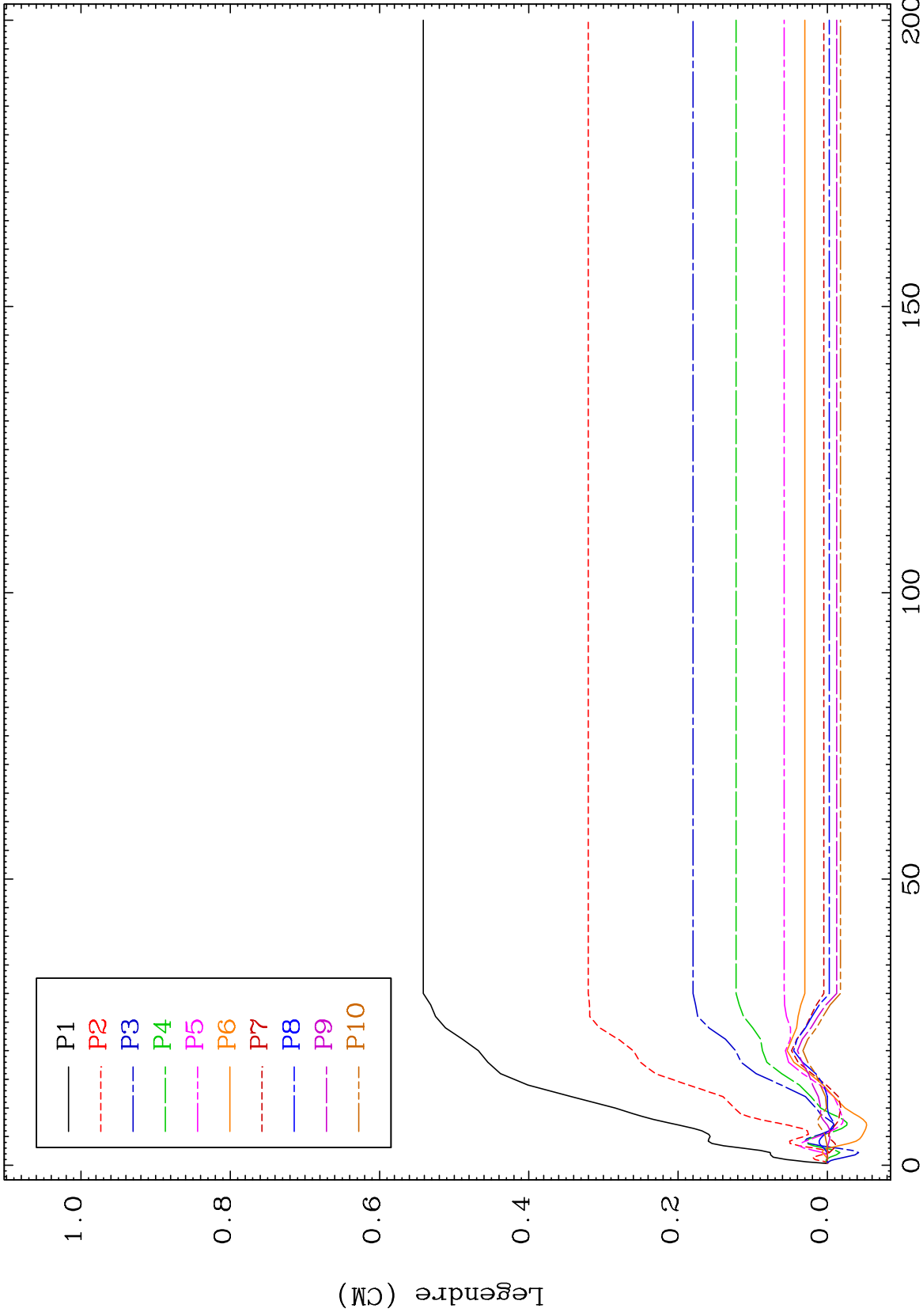


94 77-Ir-182

MAT 7698

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

77-Ir-182



95

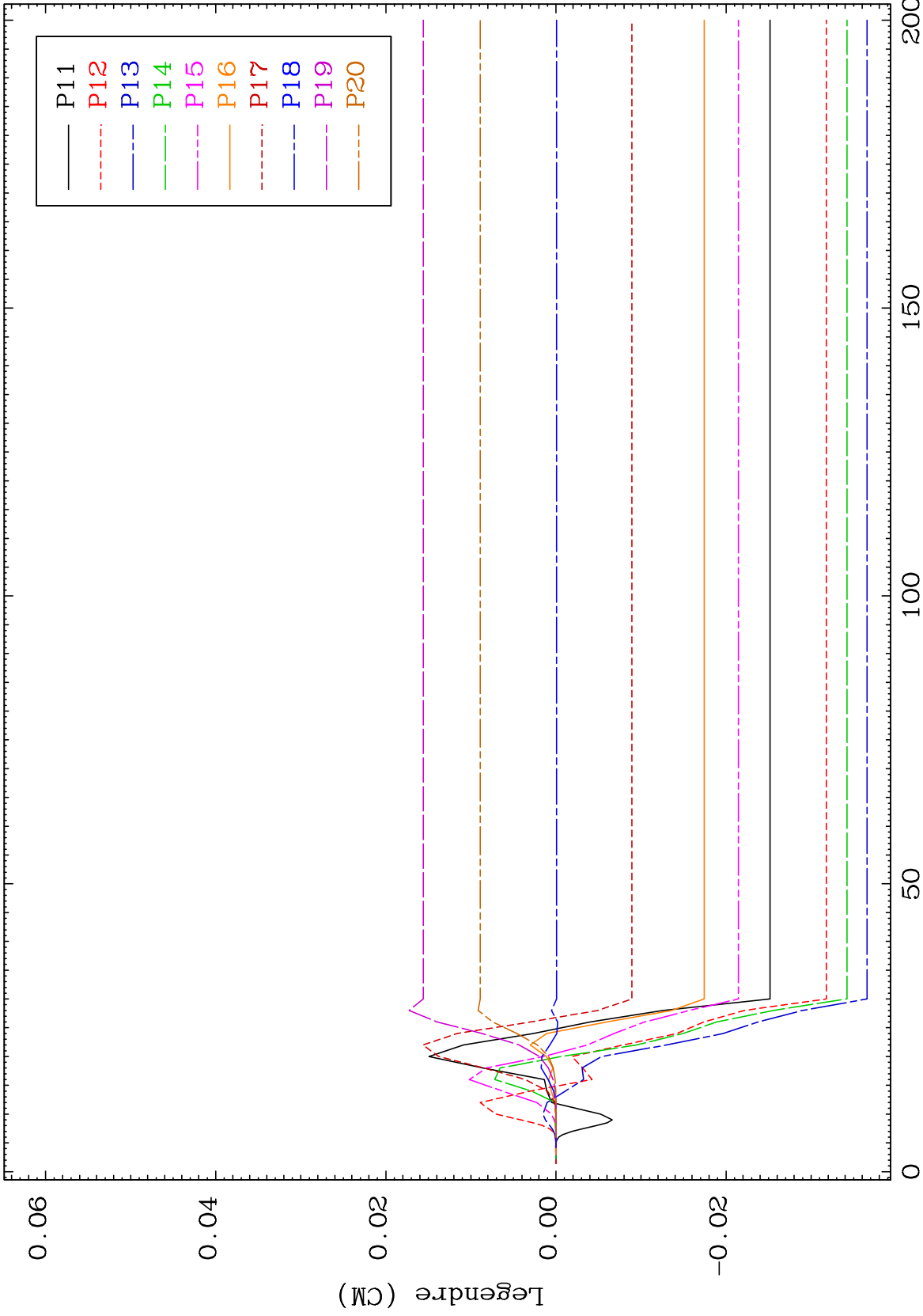
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

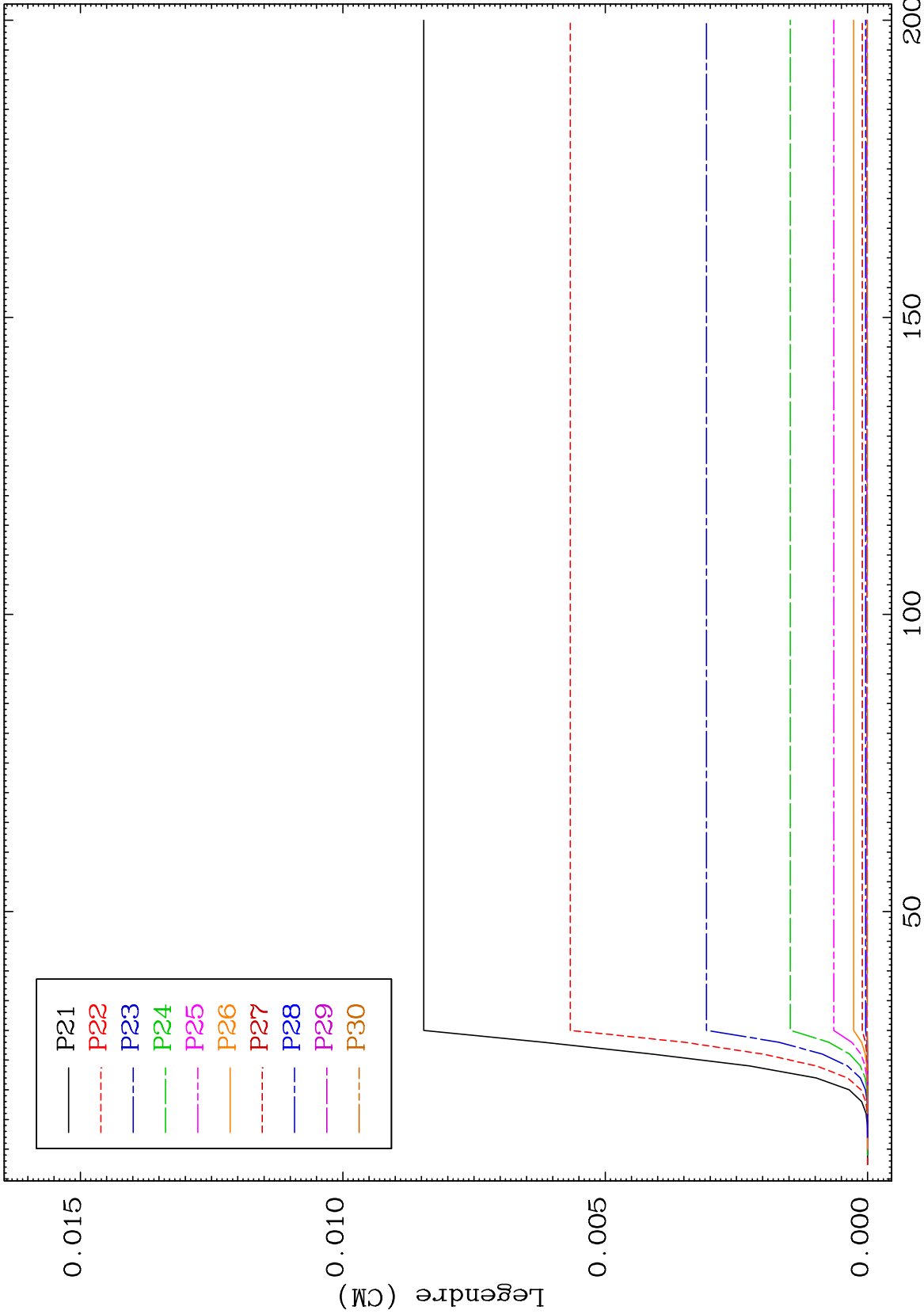
77-Ir-182



96

Incident Energy (MeV)

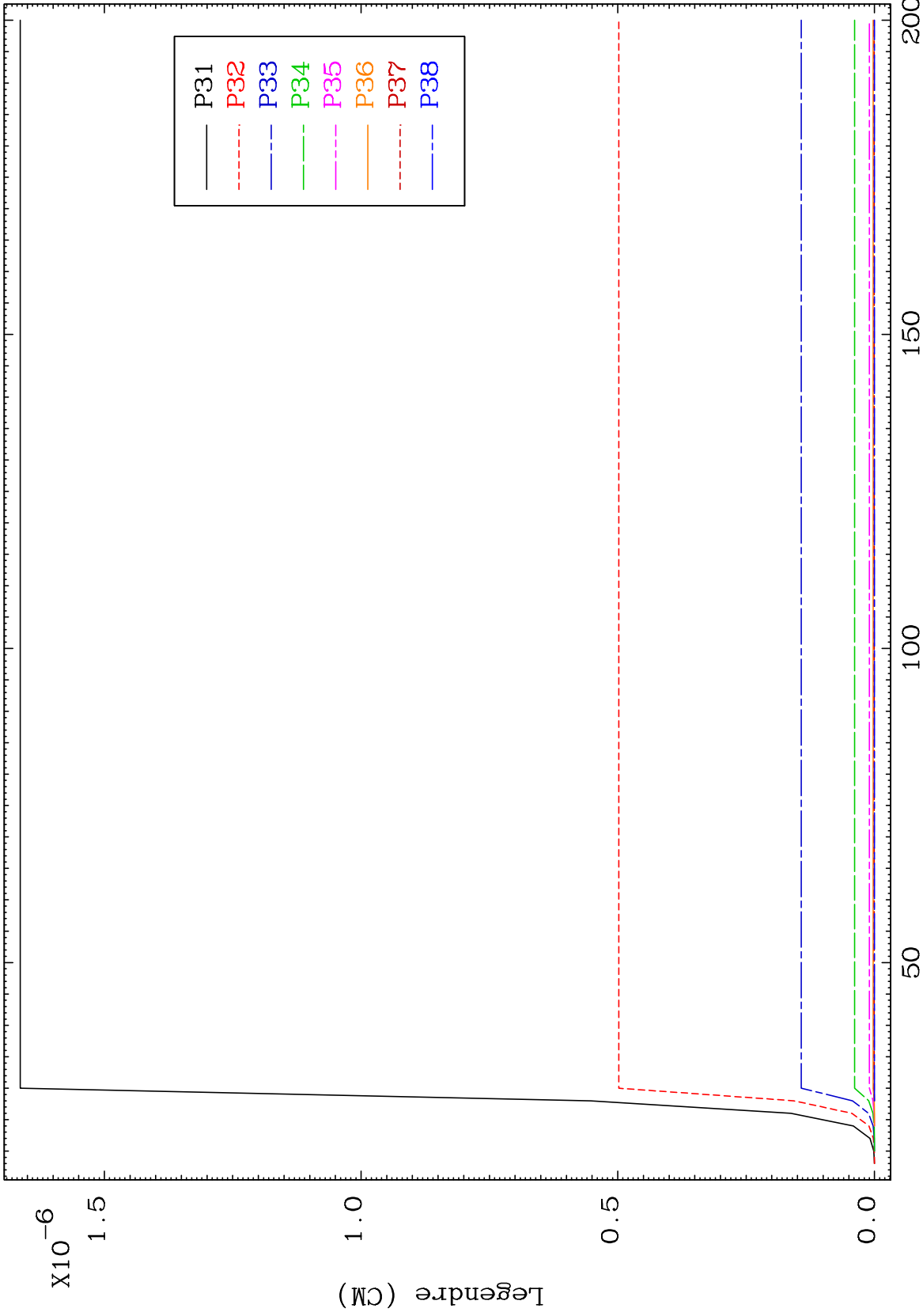
77-Ir-182



MAT 7698

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

77-Ir-182



98

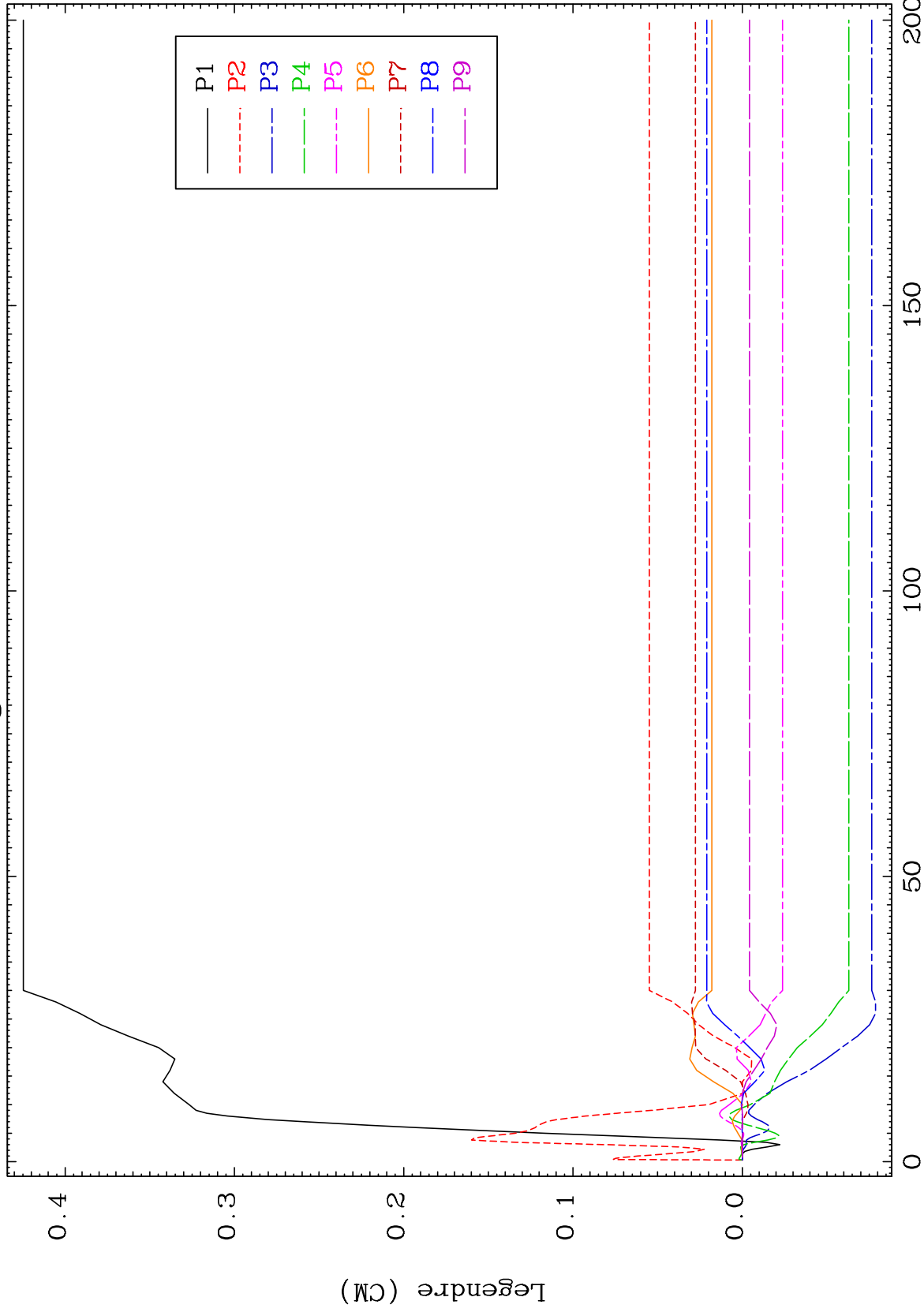
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



99

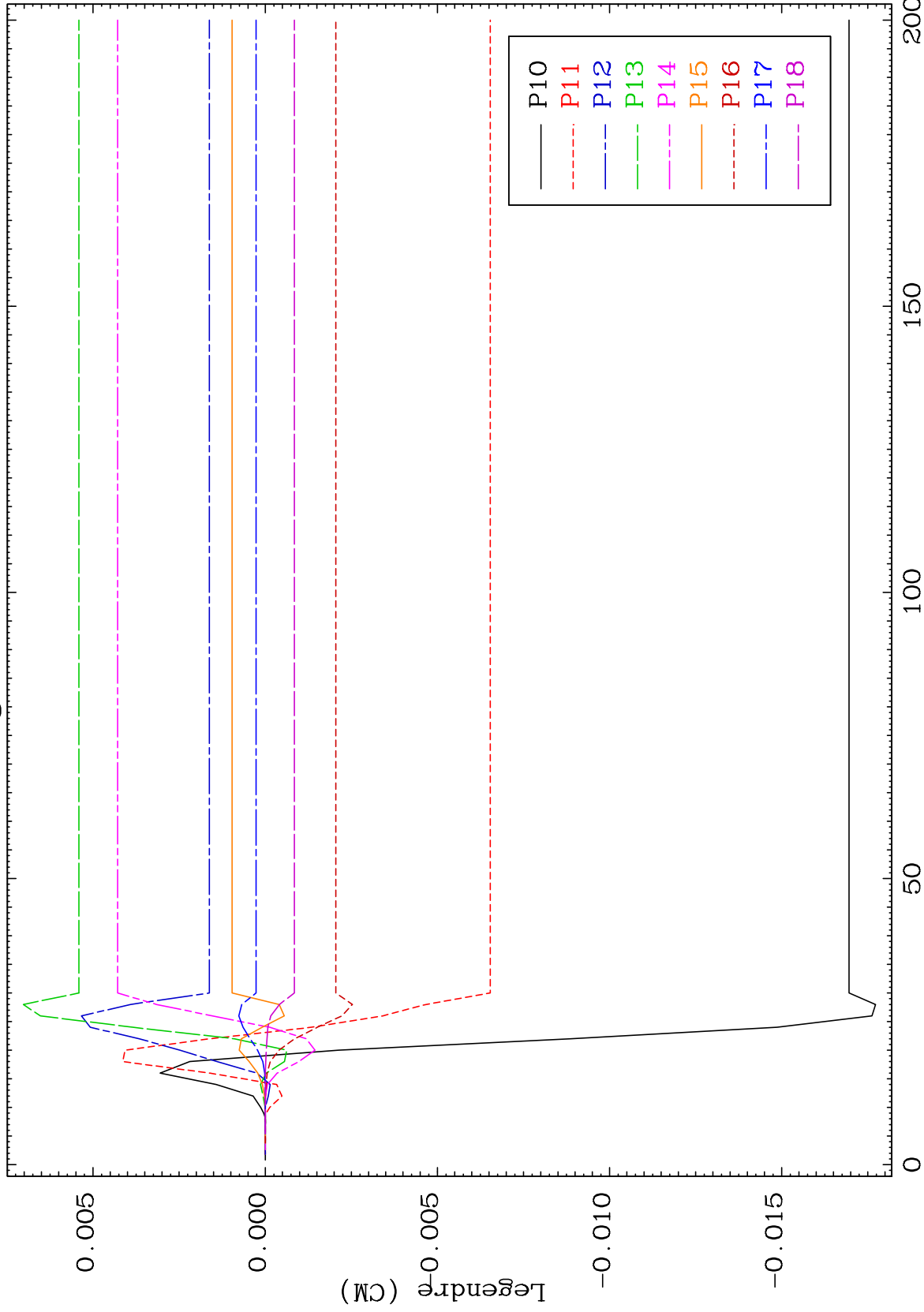
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

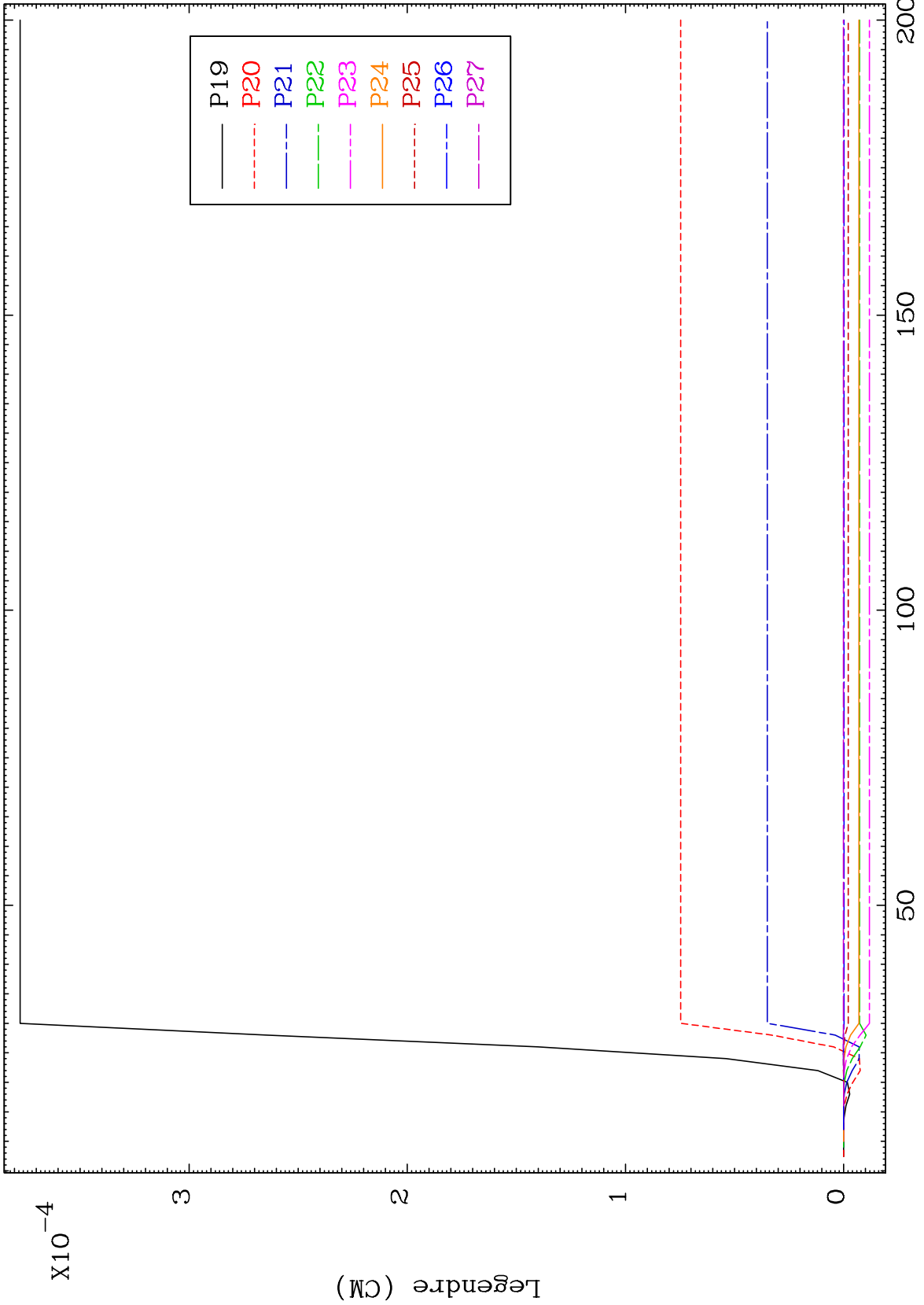
Incident Energy (MeV)

100

MAT 7698

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

77-Ir-182



101

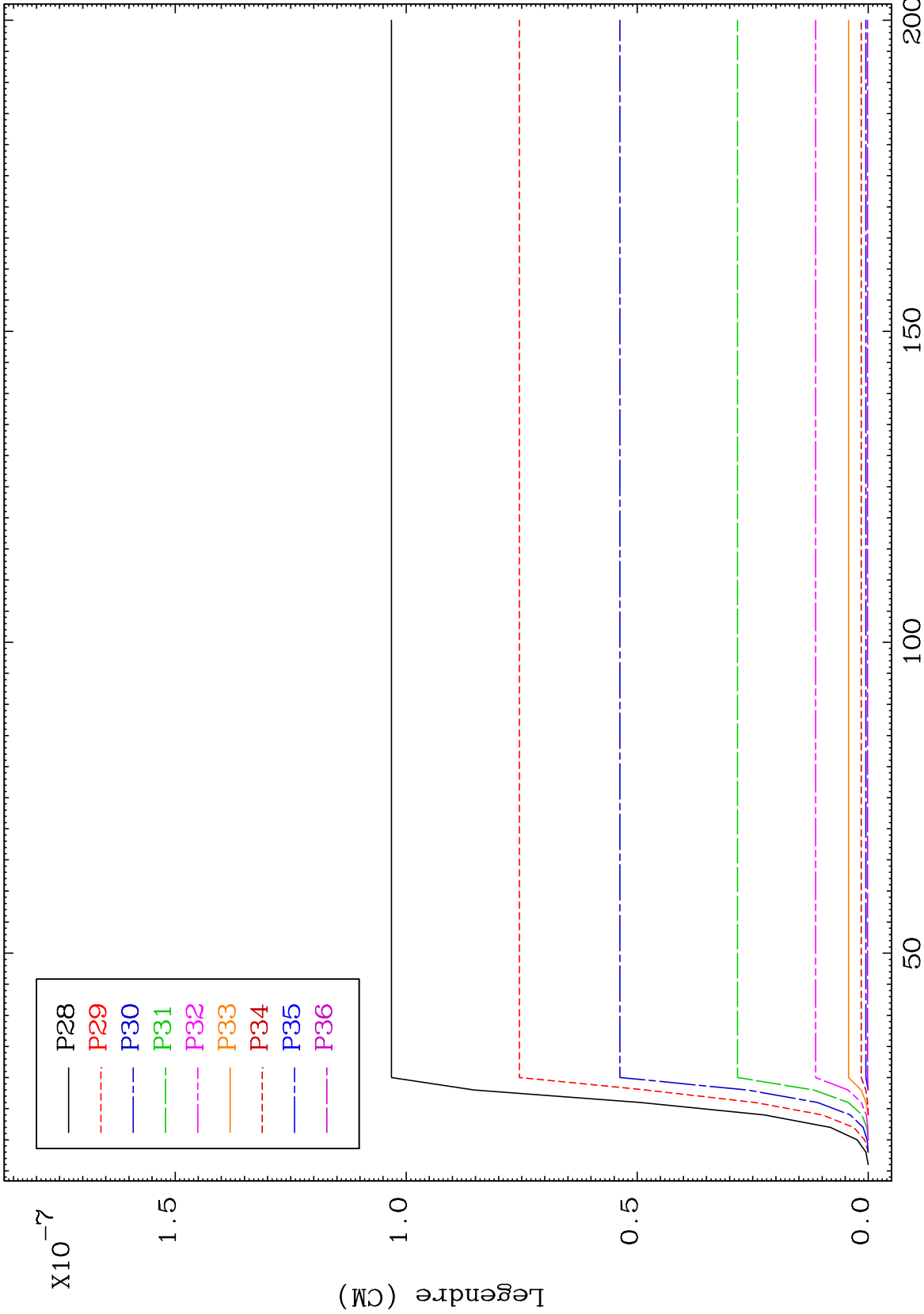
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



102

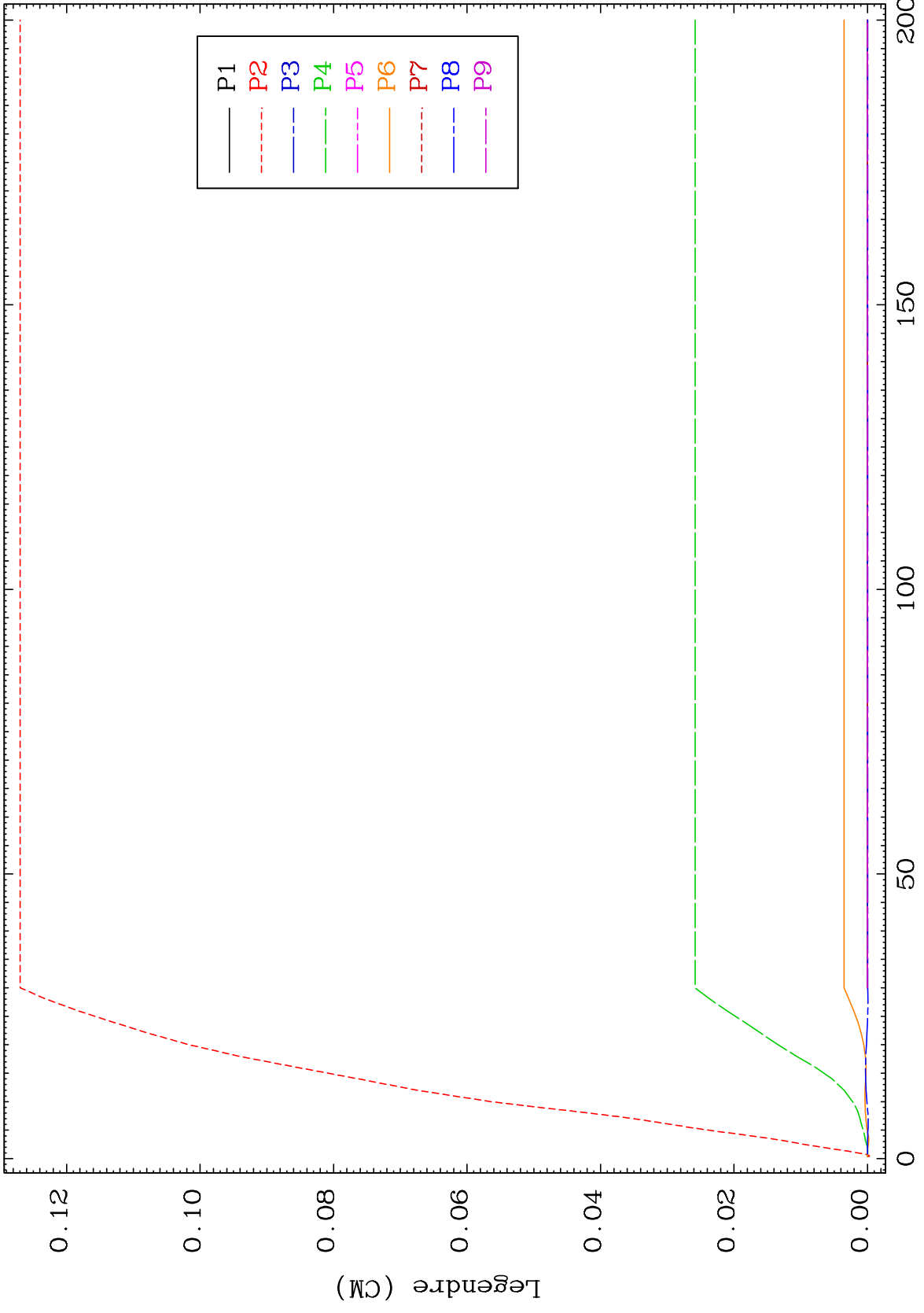
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

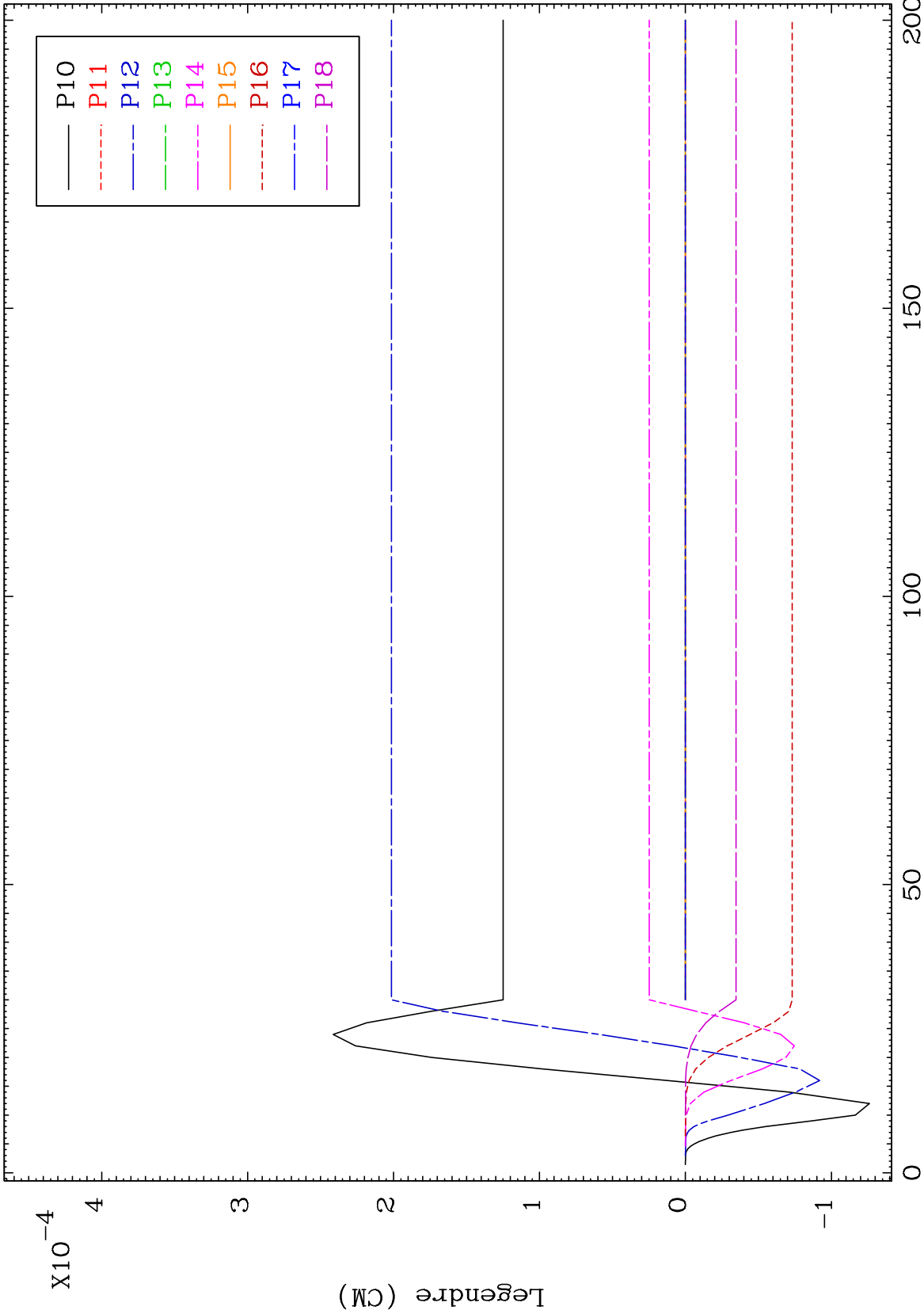
Incident Energy (MeV)

103

MAT 7698

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

77-Ir-182



104

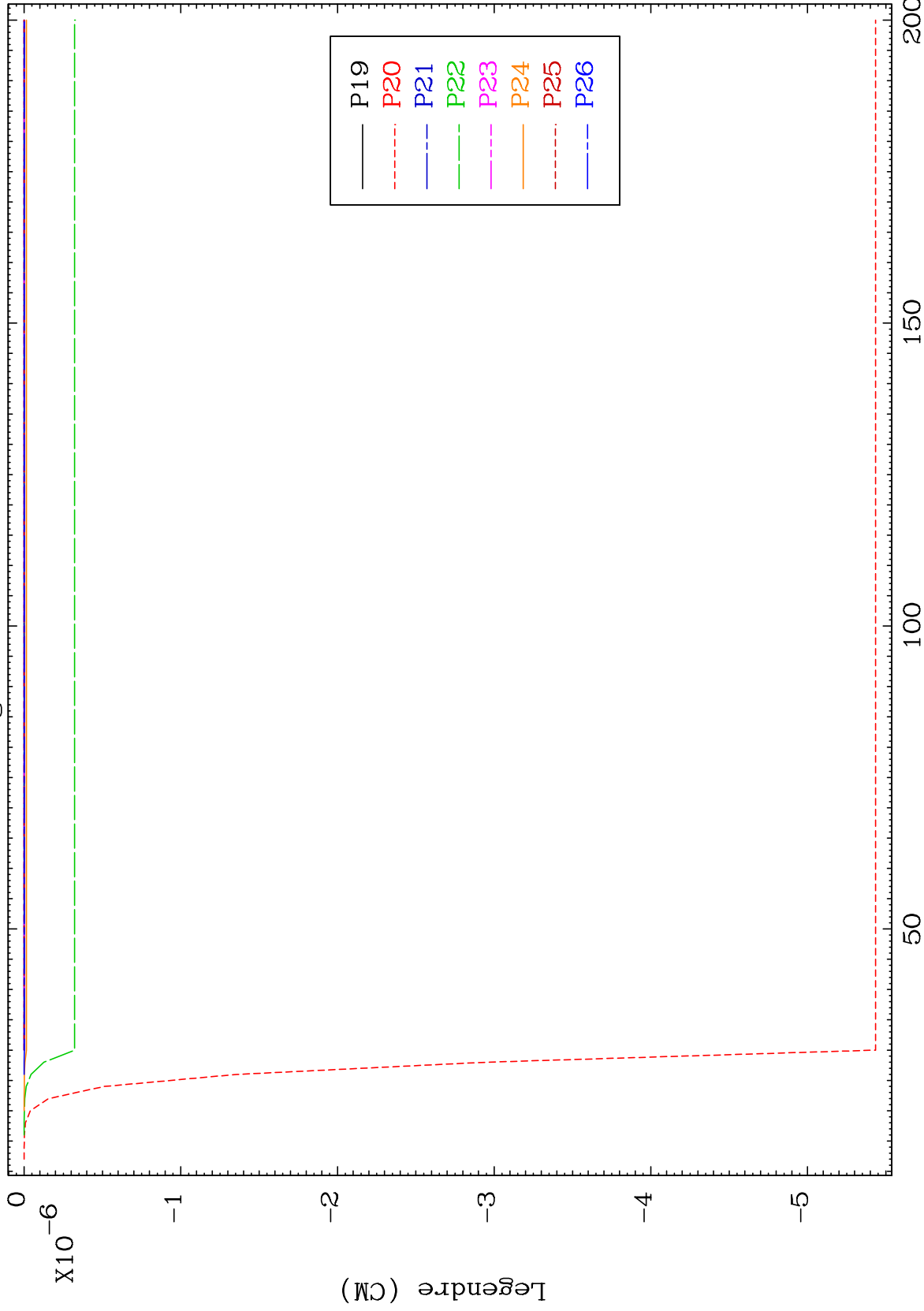
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



105

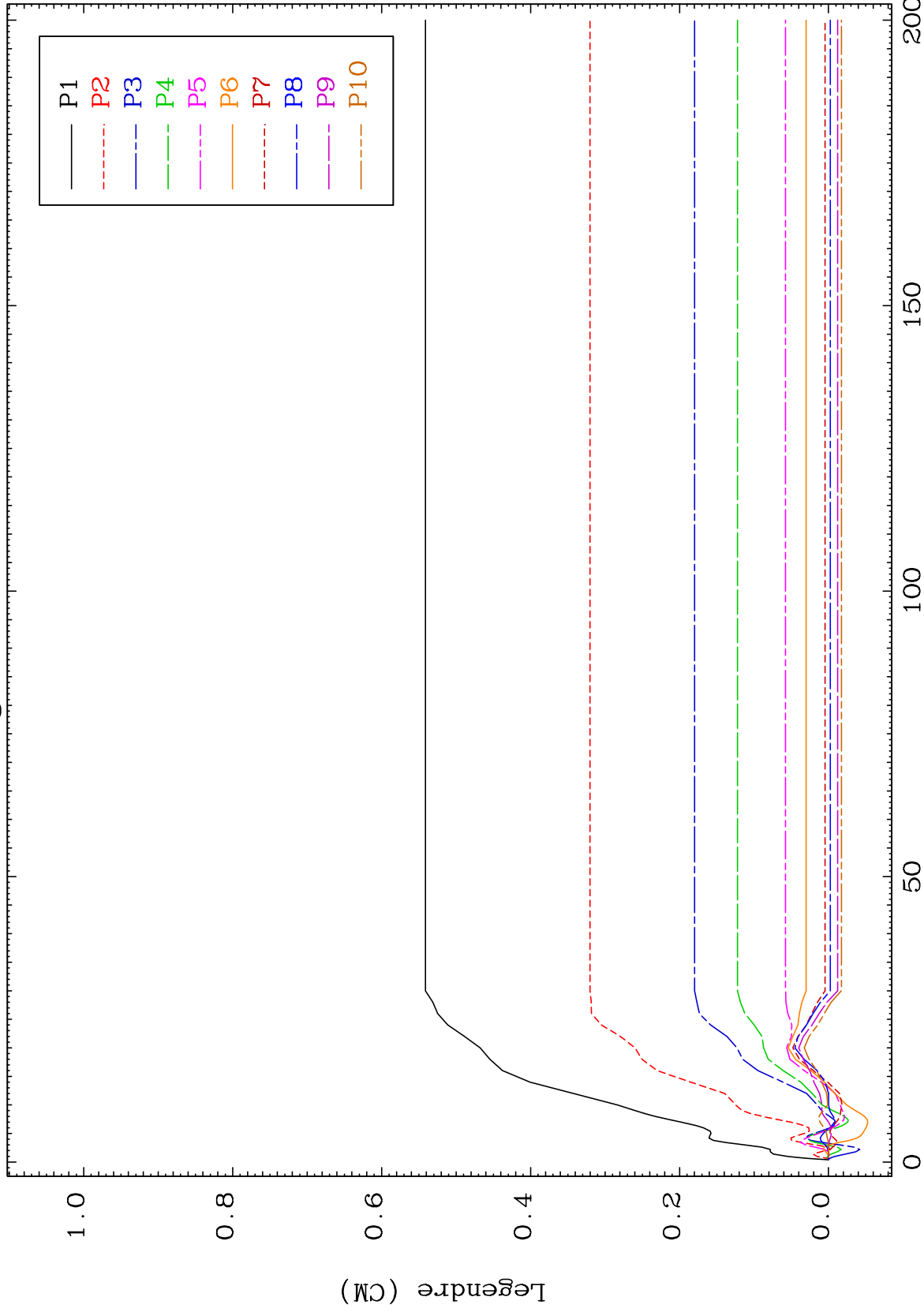
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

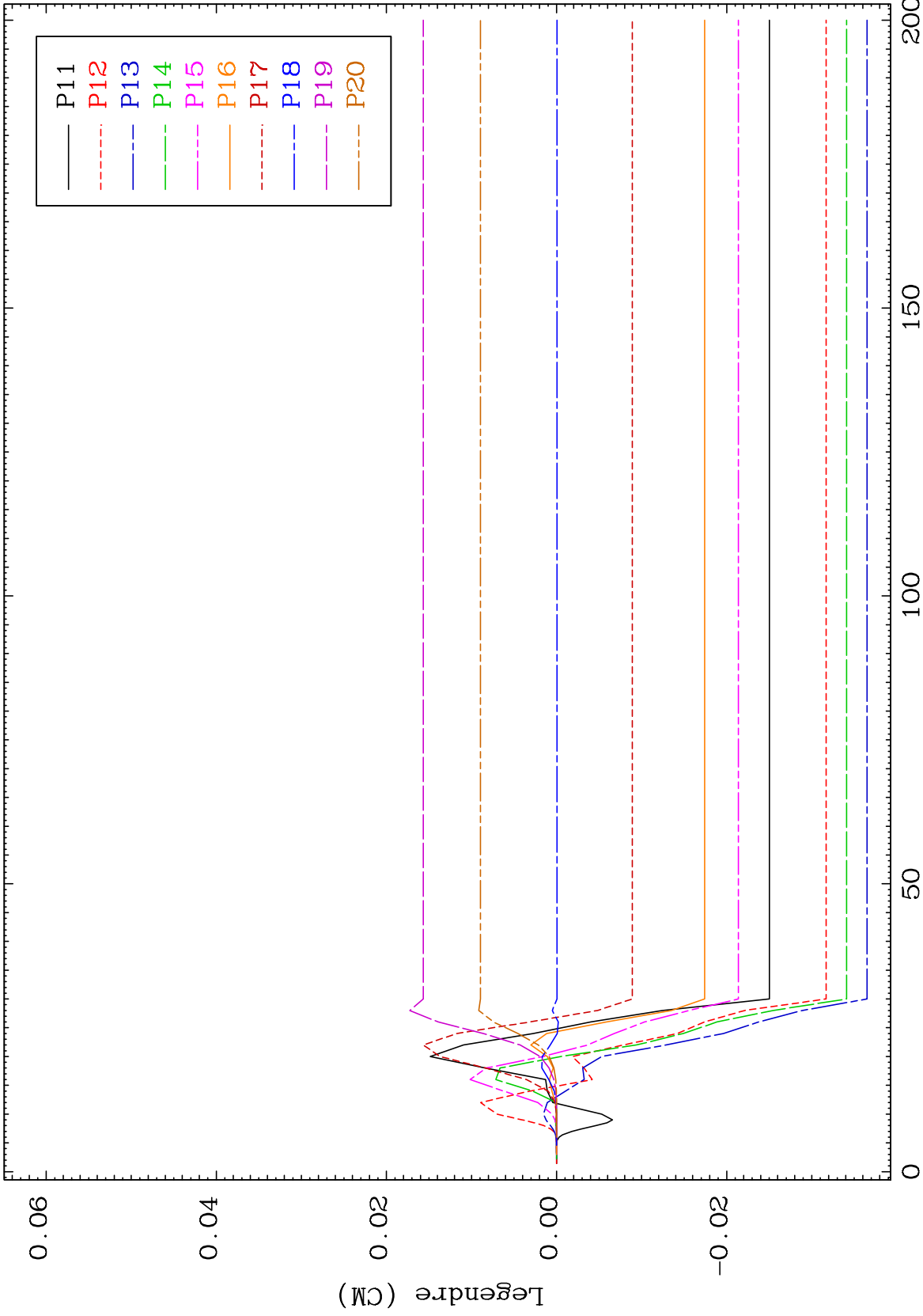
Incident Energy (MeV)

106

MAT 7698

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

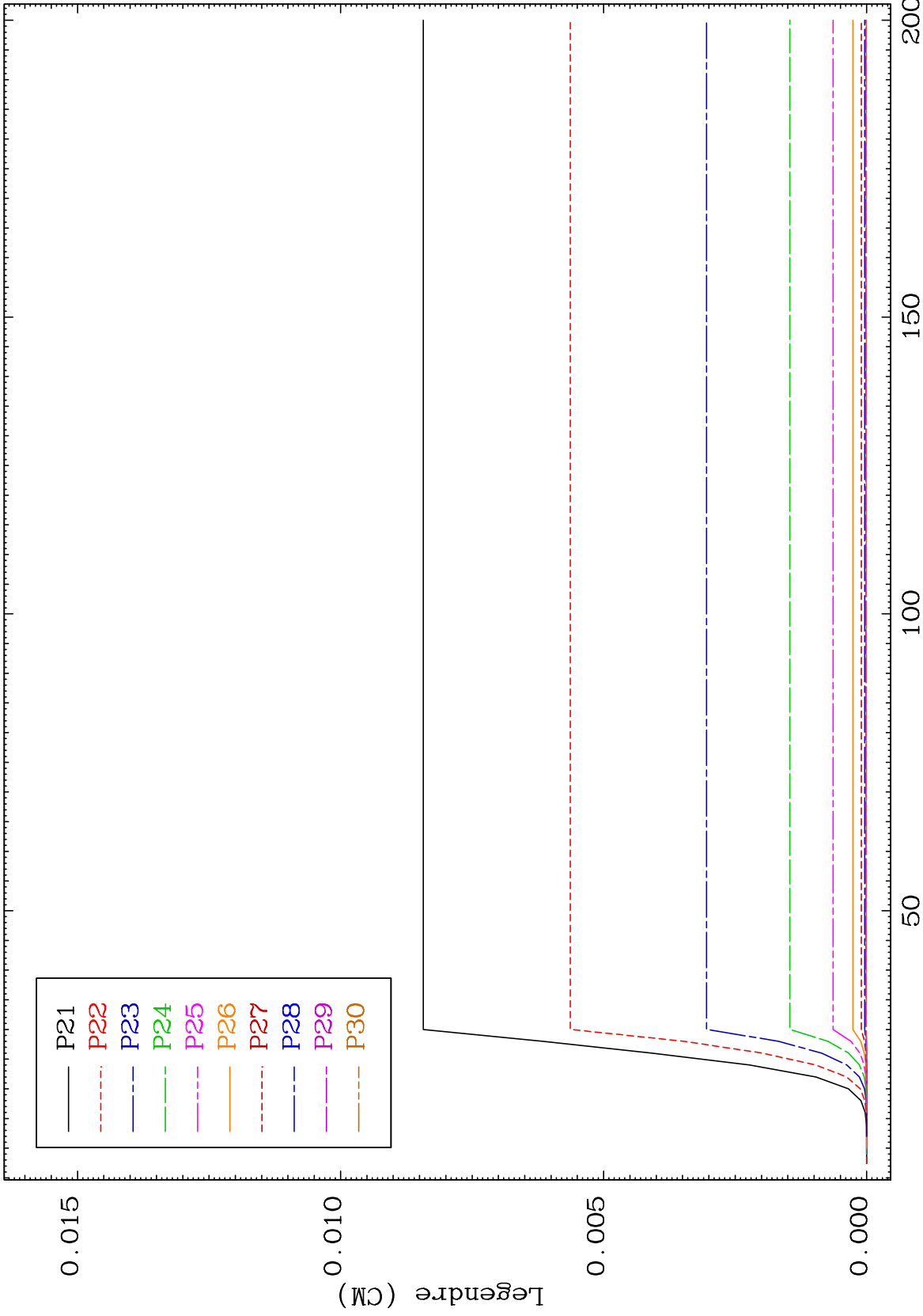
77-Ir-182



107

Incident Energy (MeV)

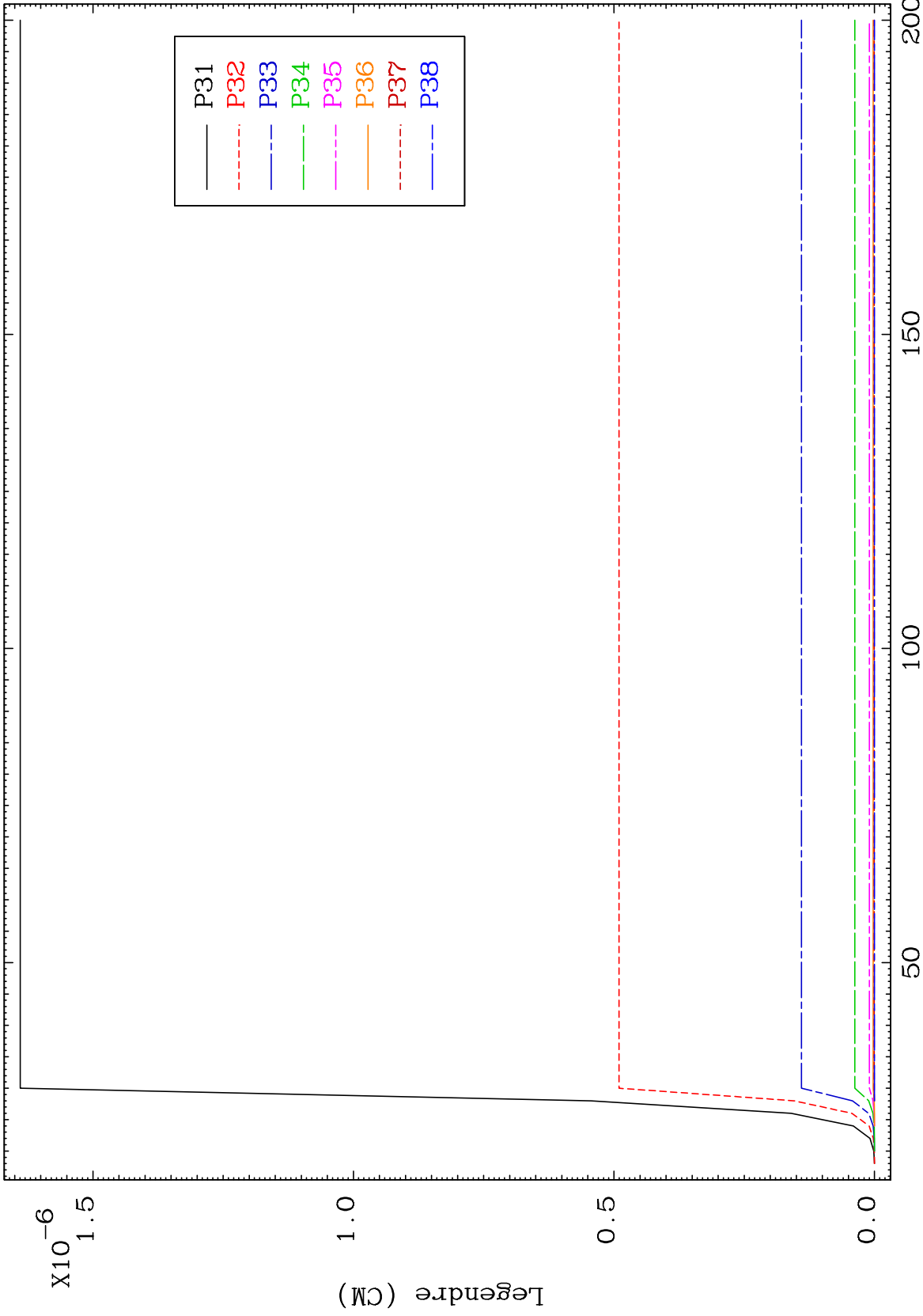
77-Ir-182



MAT 7698

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

77-Ir-182



109

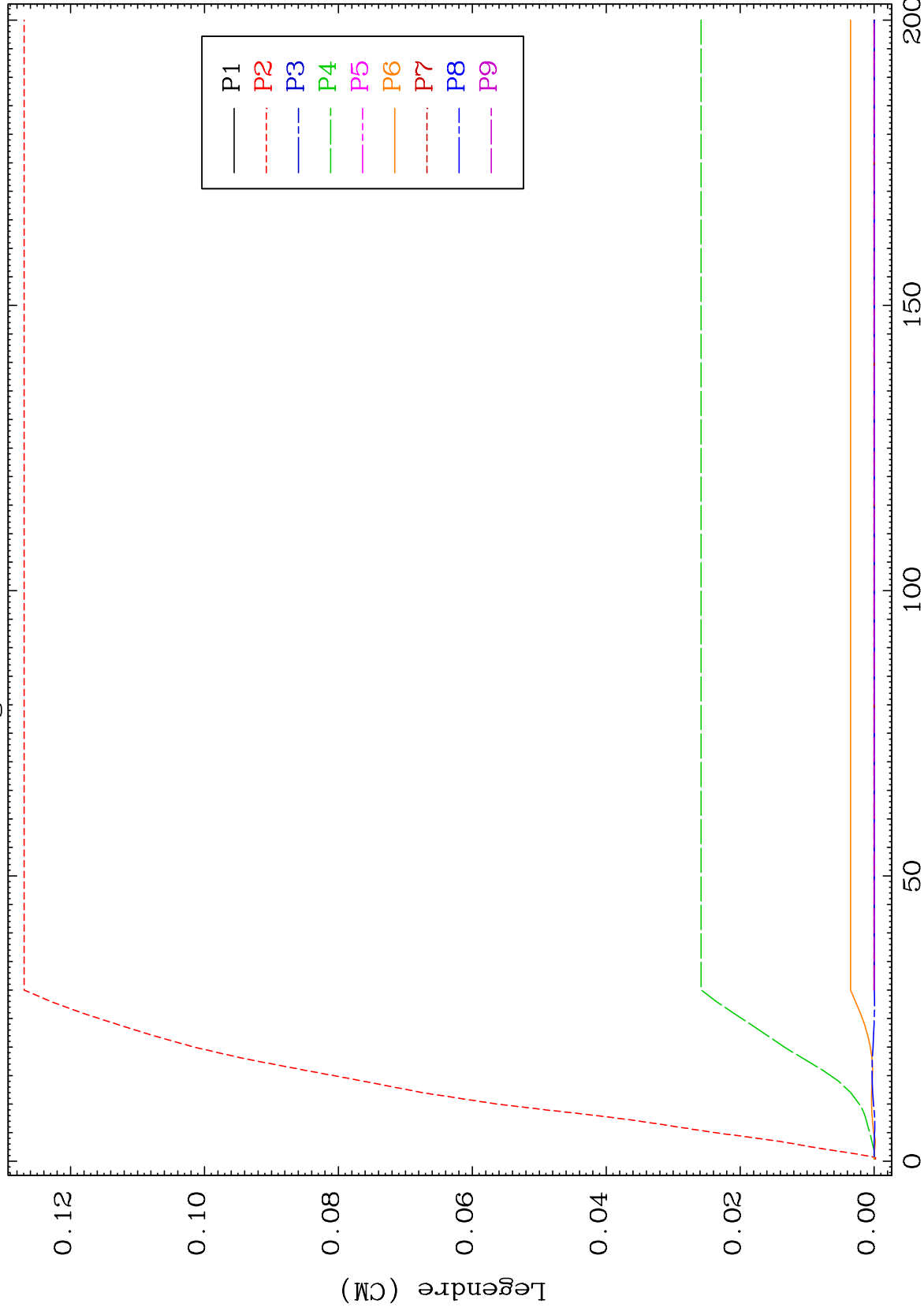
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

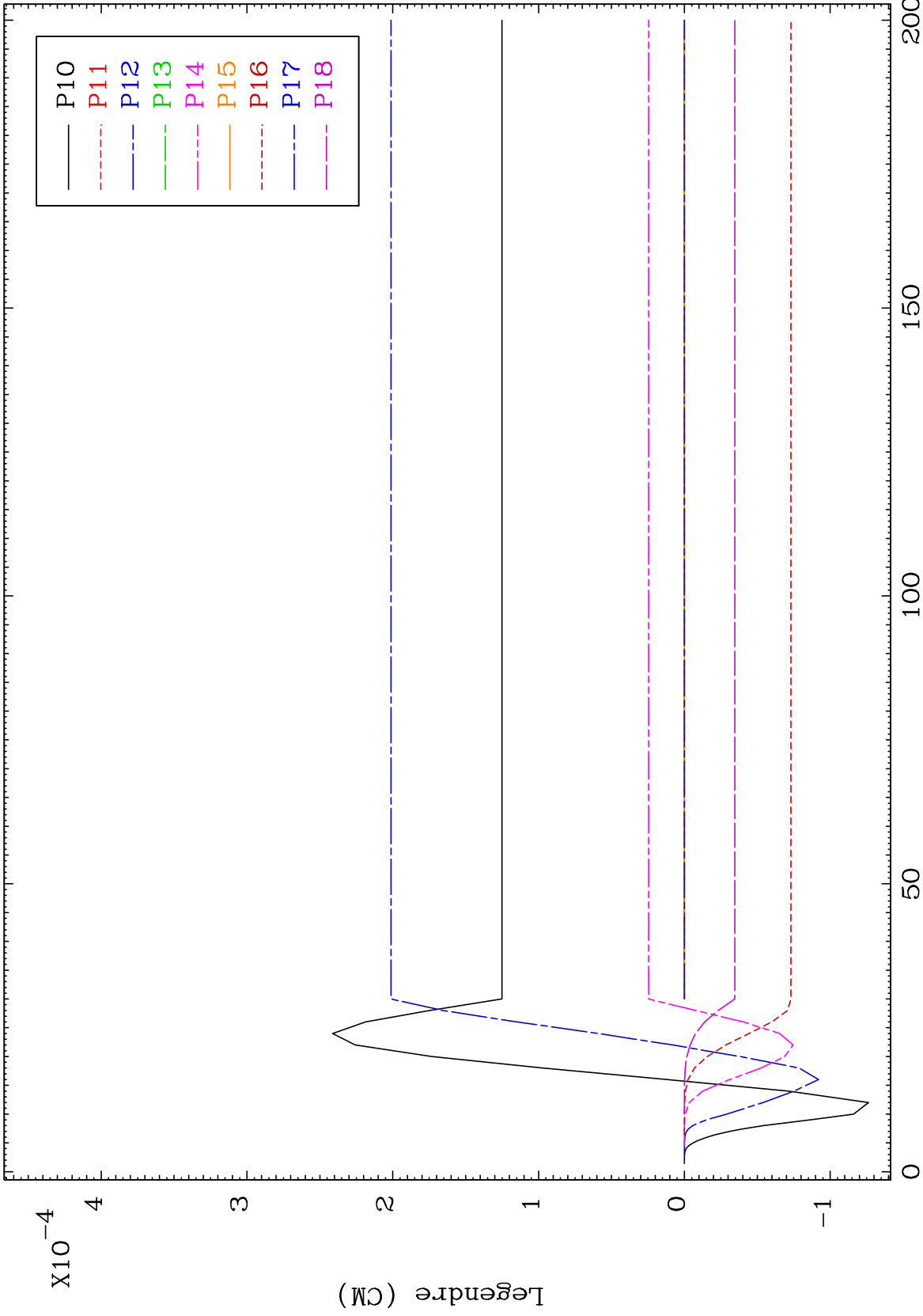
Incident Energy (MeV)

110

MAT 7698

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

77-Ir-182



111

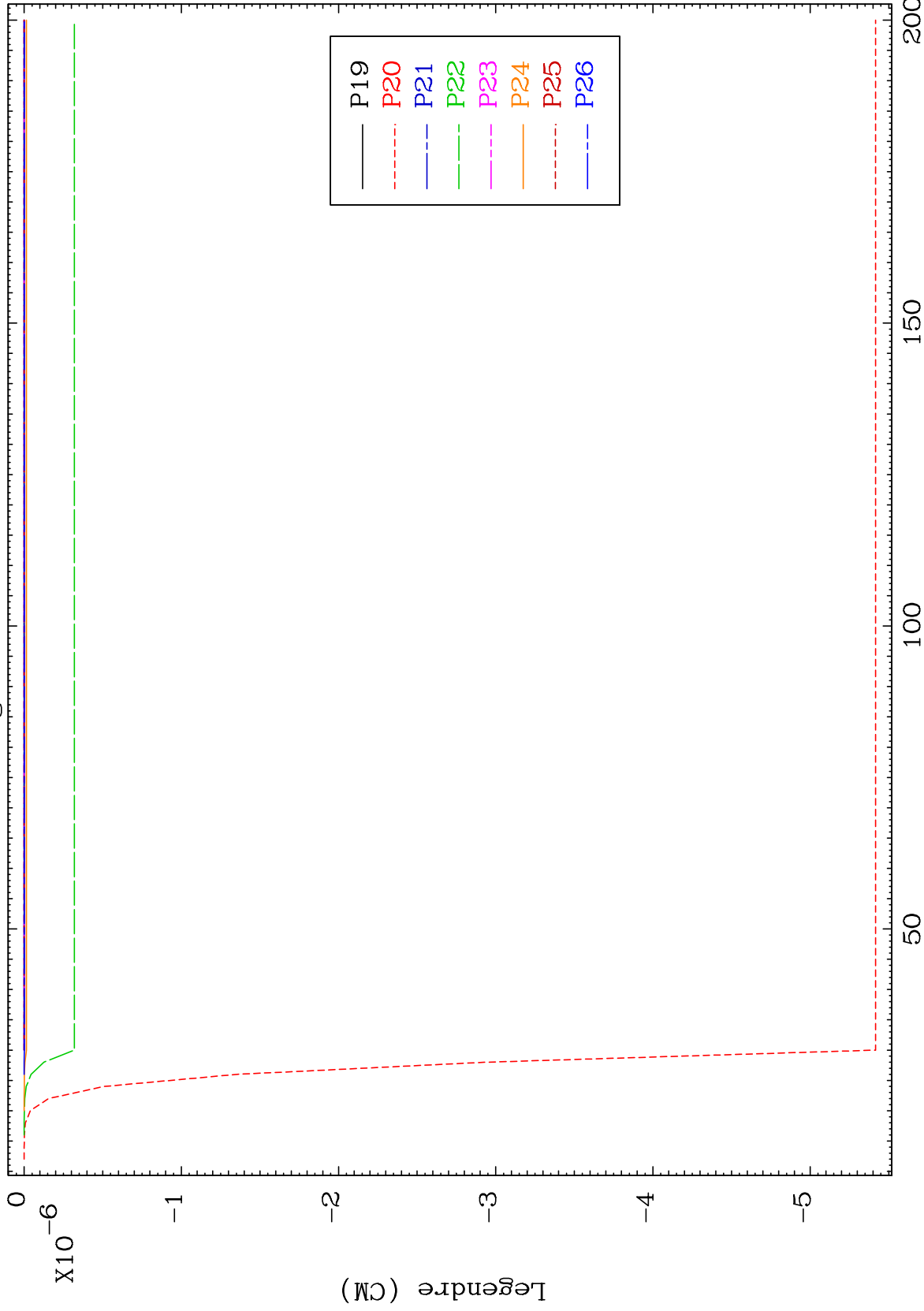
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



112

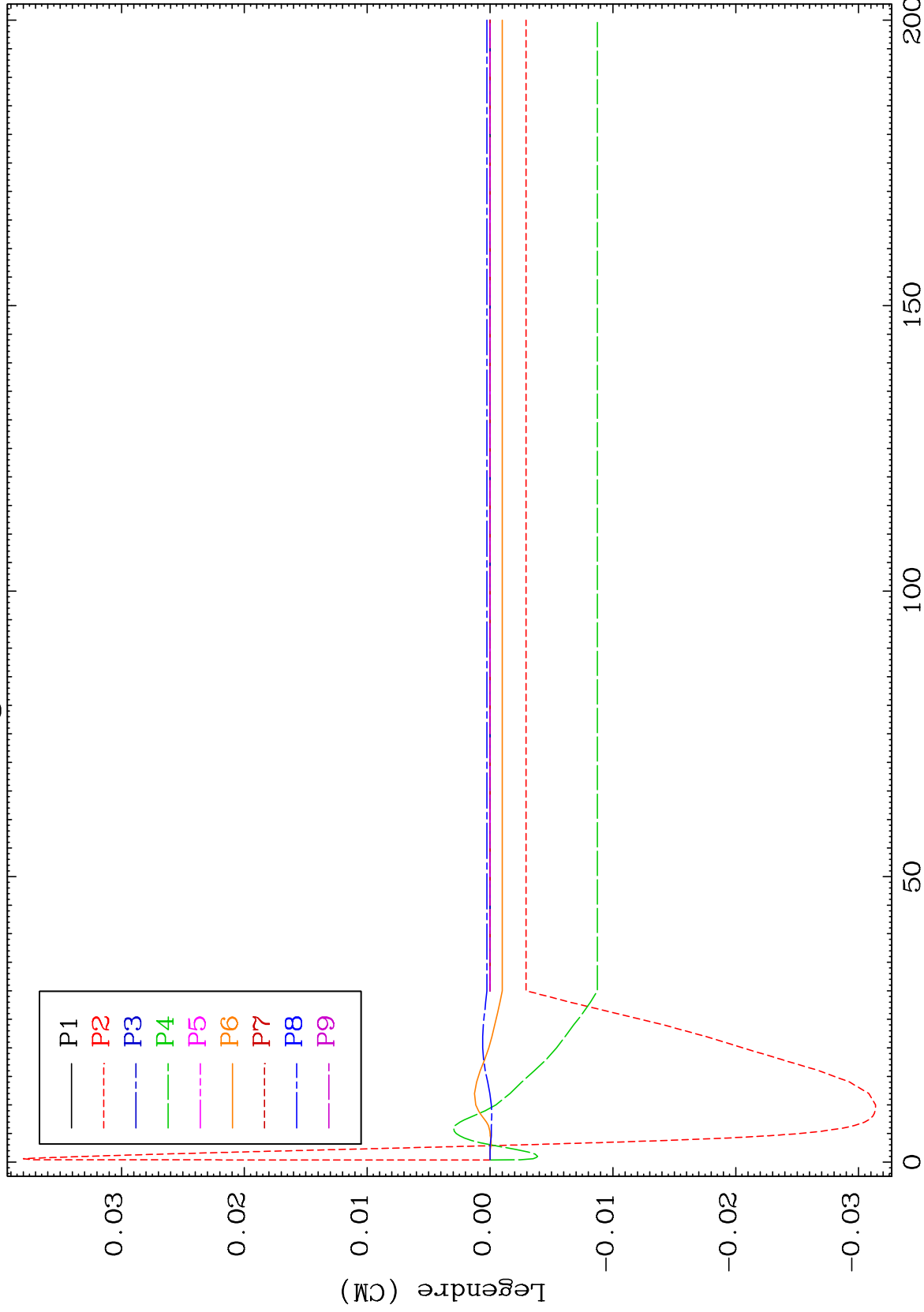
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



113

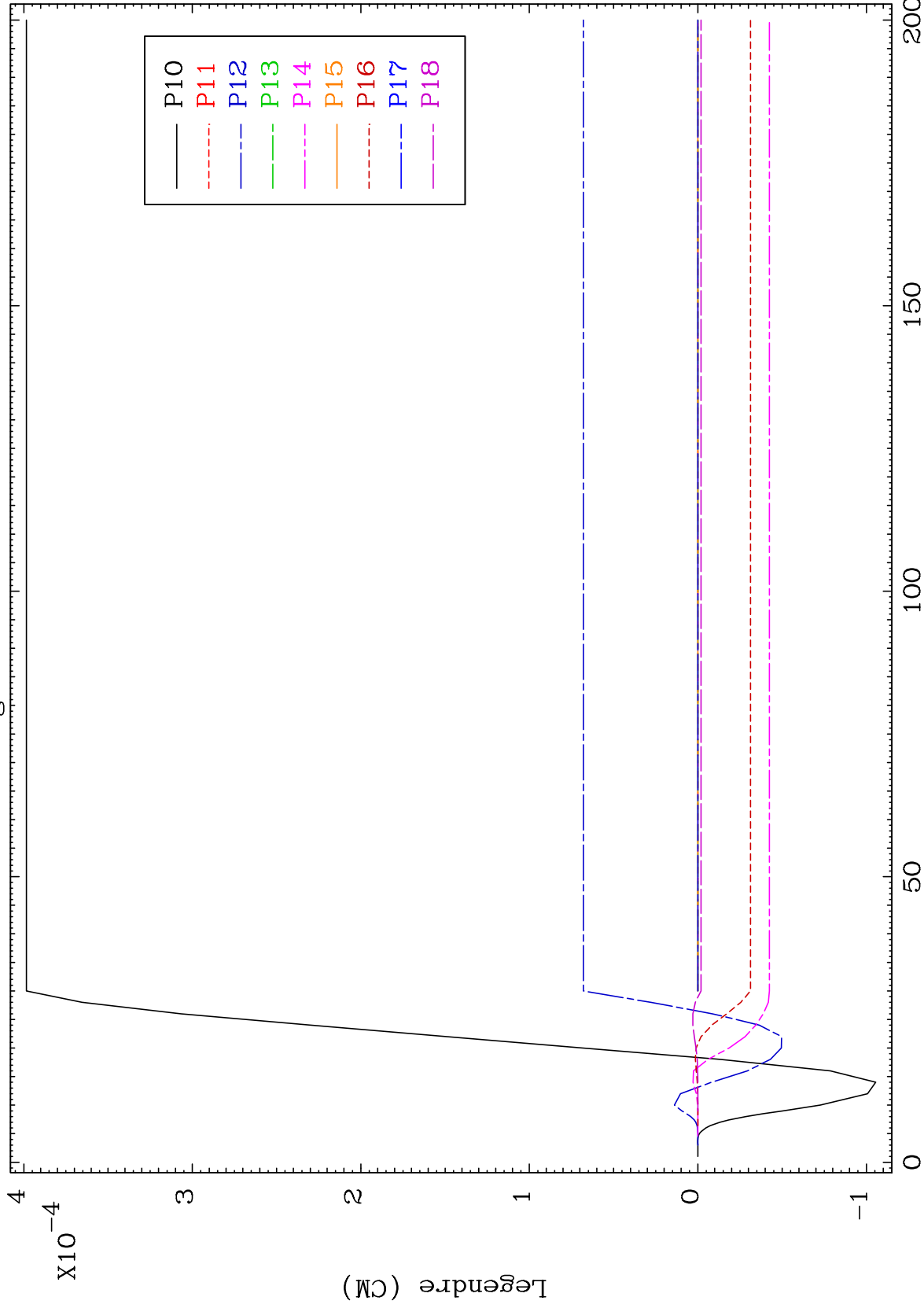
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



114

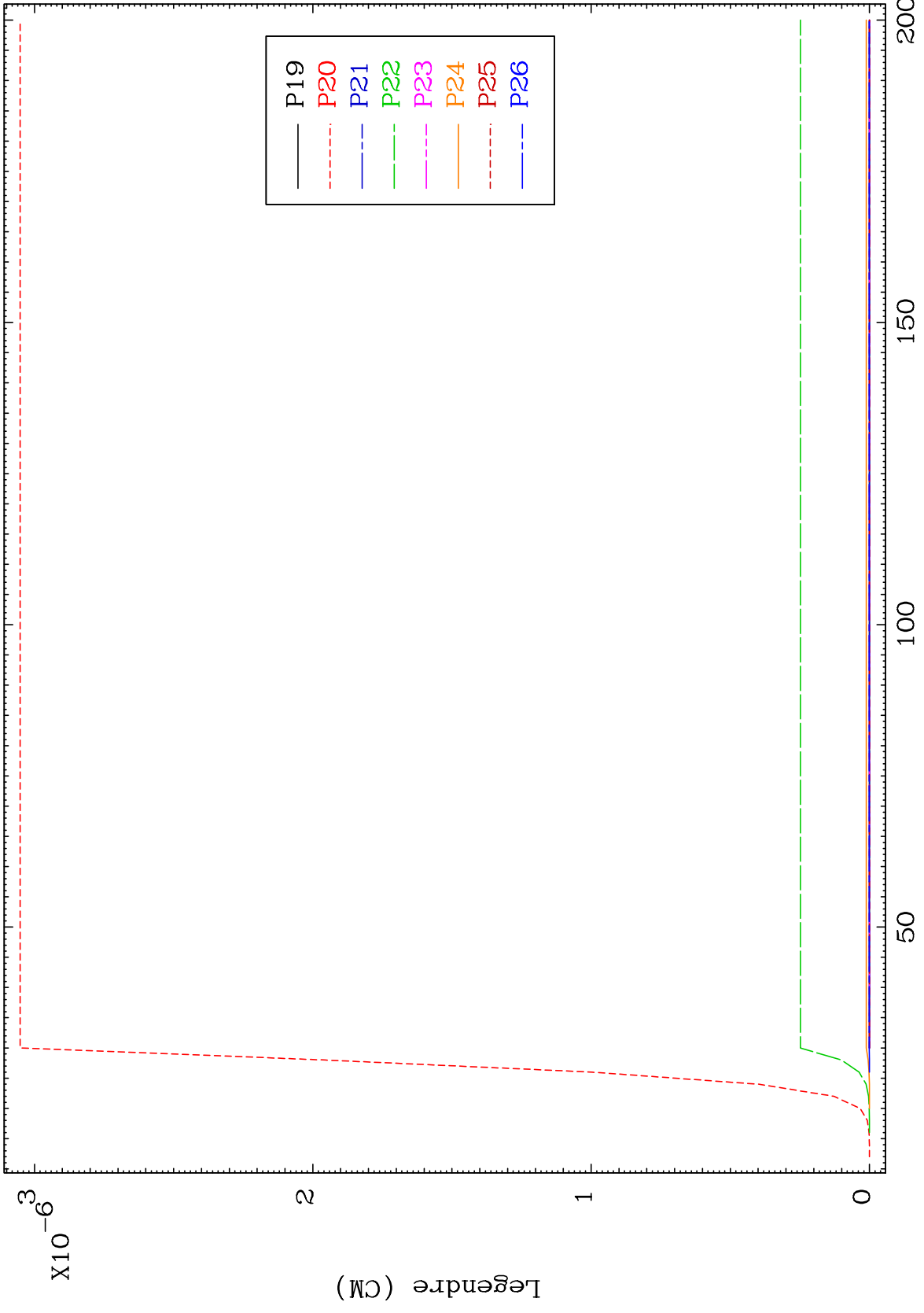
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

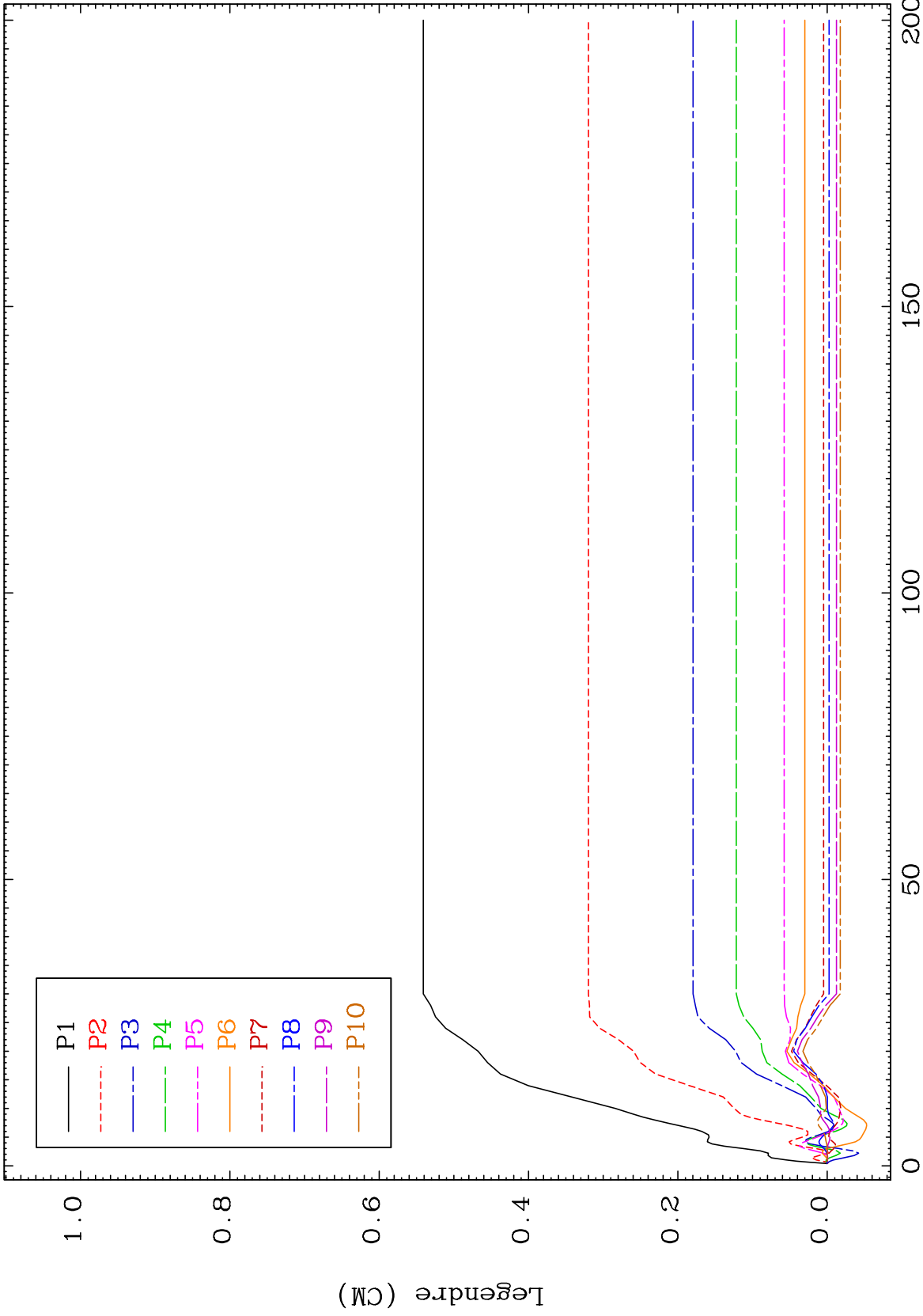
Incident Energy (MeV)

115

MAT 7698

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

77-Ir-182



116

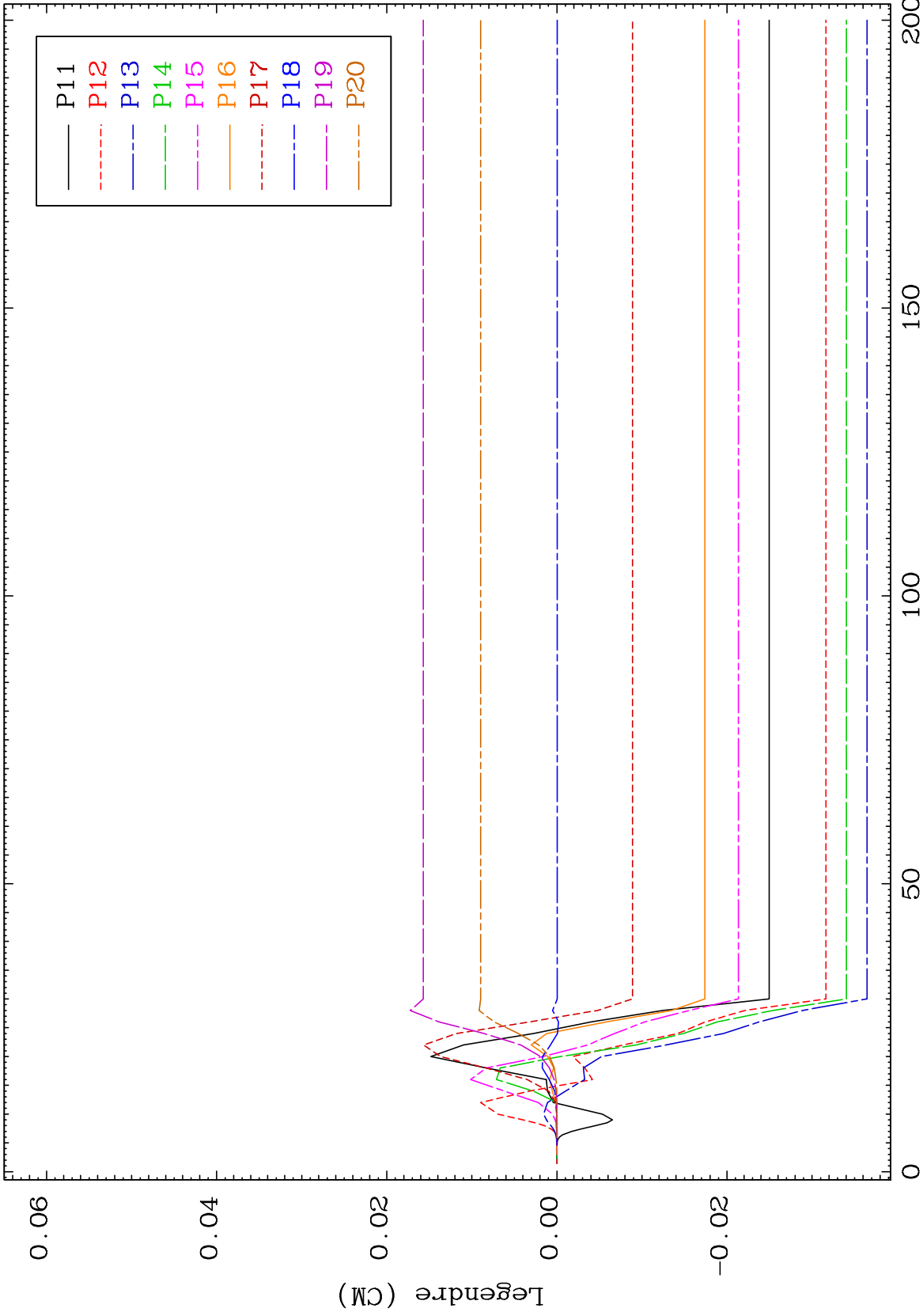
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

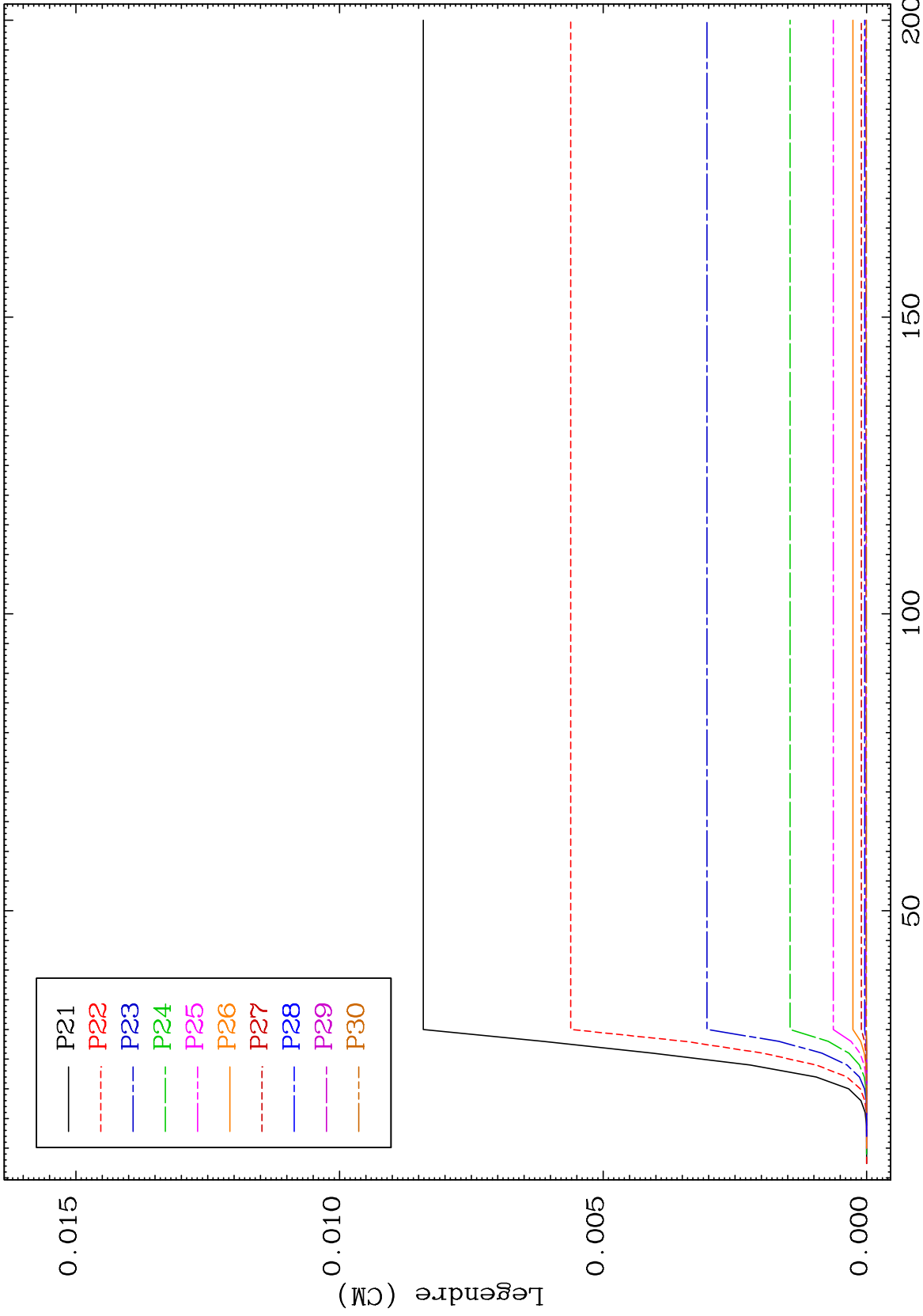
77-Ir-182



117

Incident Energy (MeV)

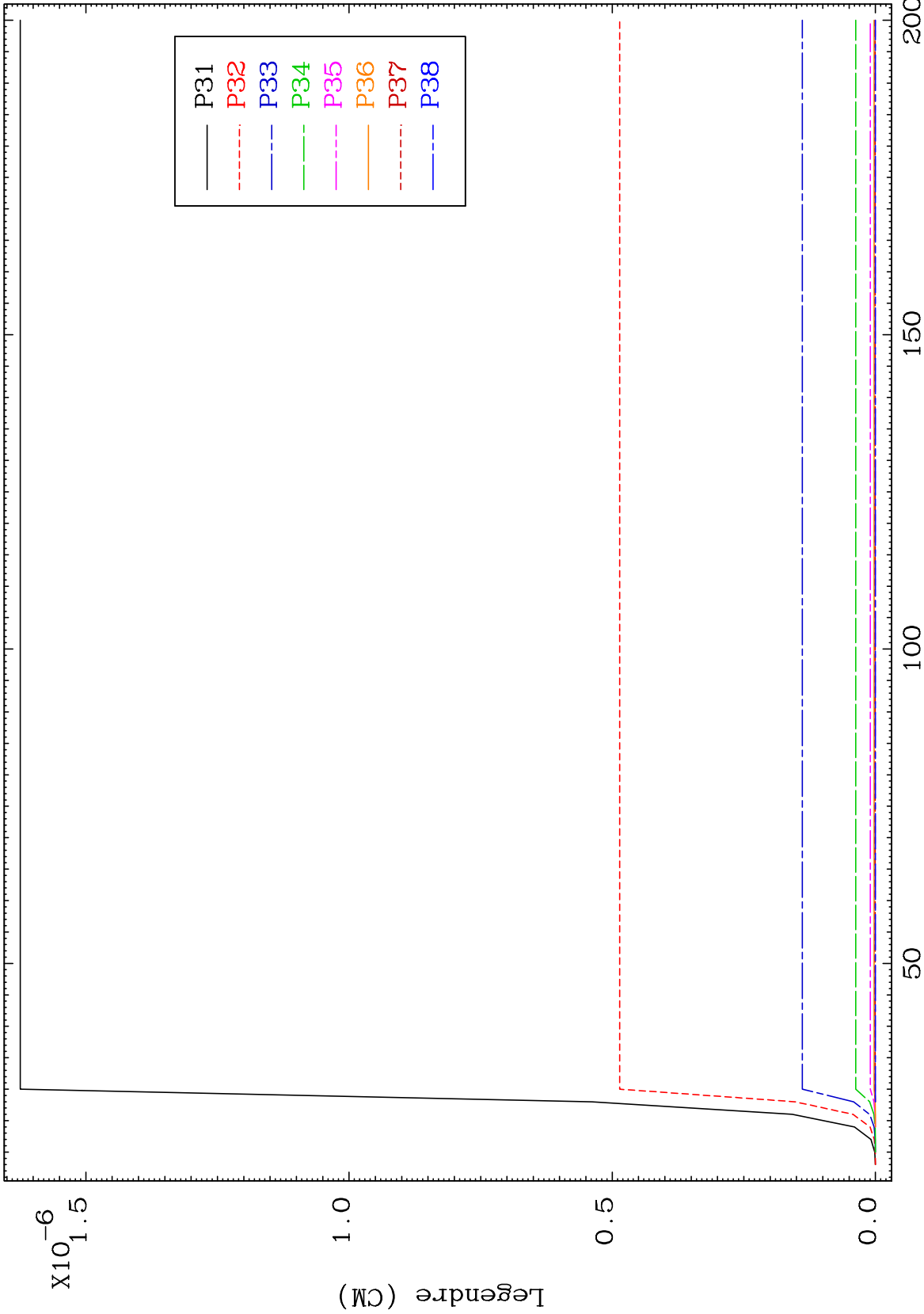
77-Ir-182



MAT 7698

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

77-Ir-182



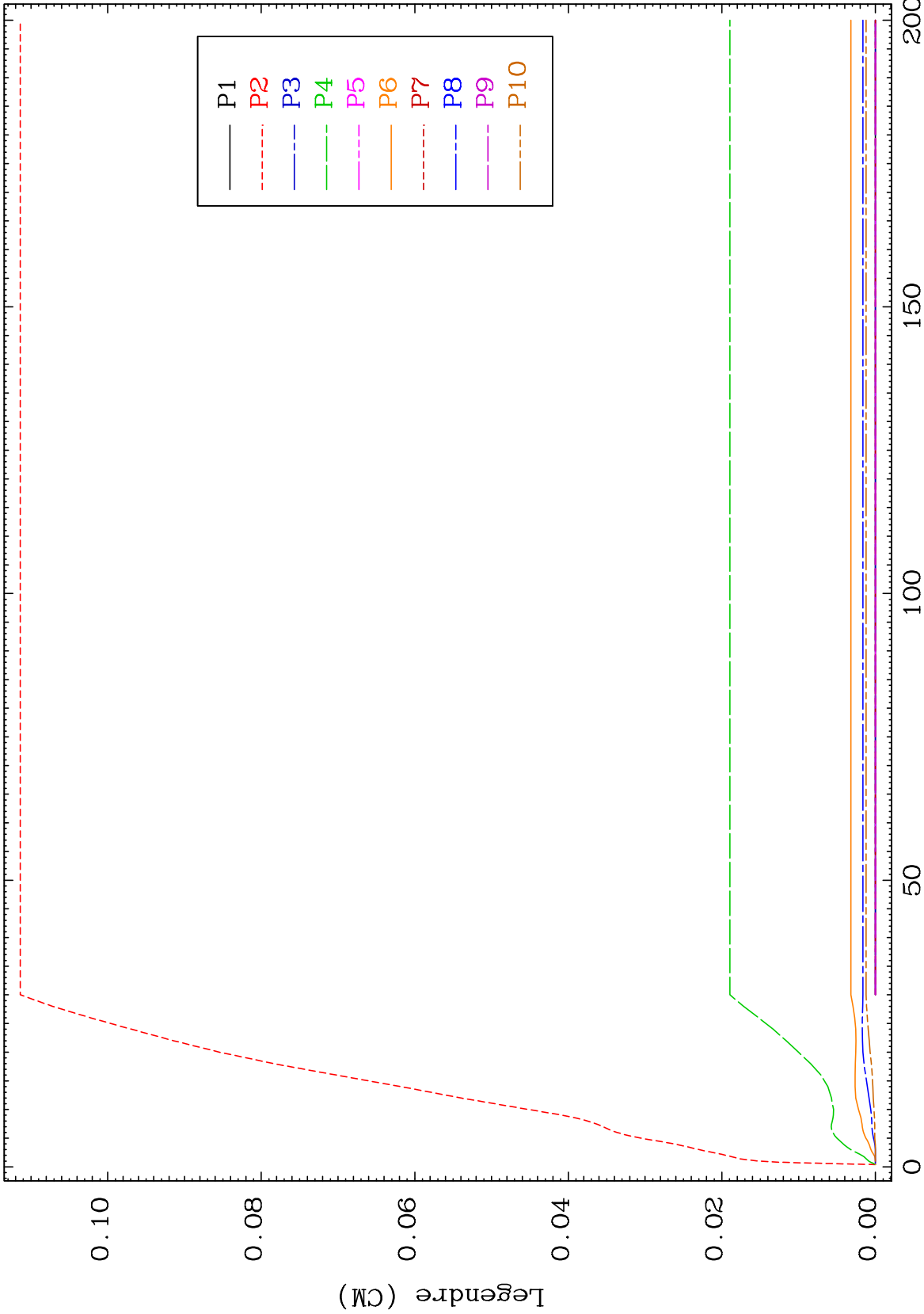
119

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

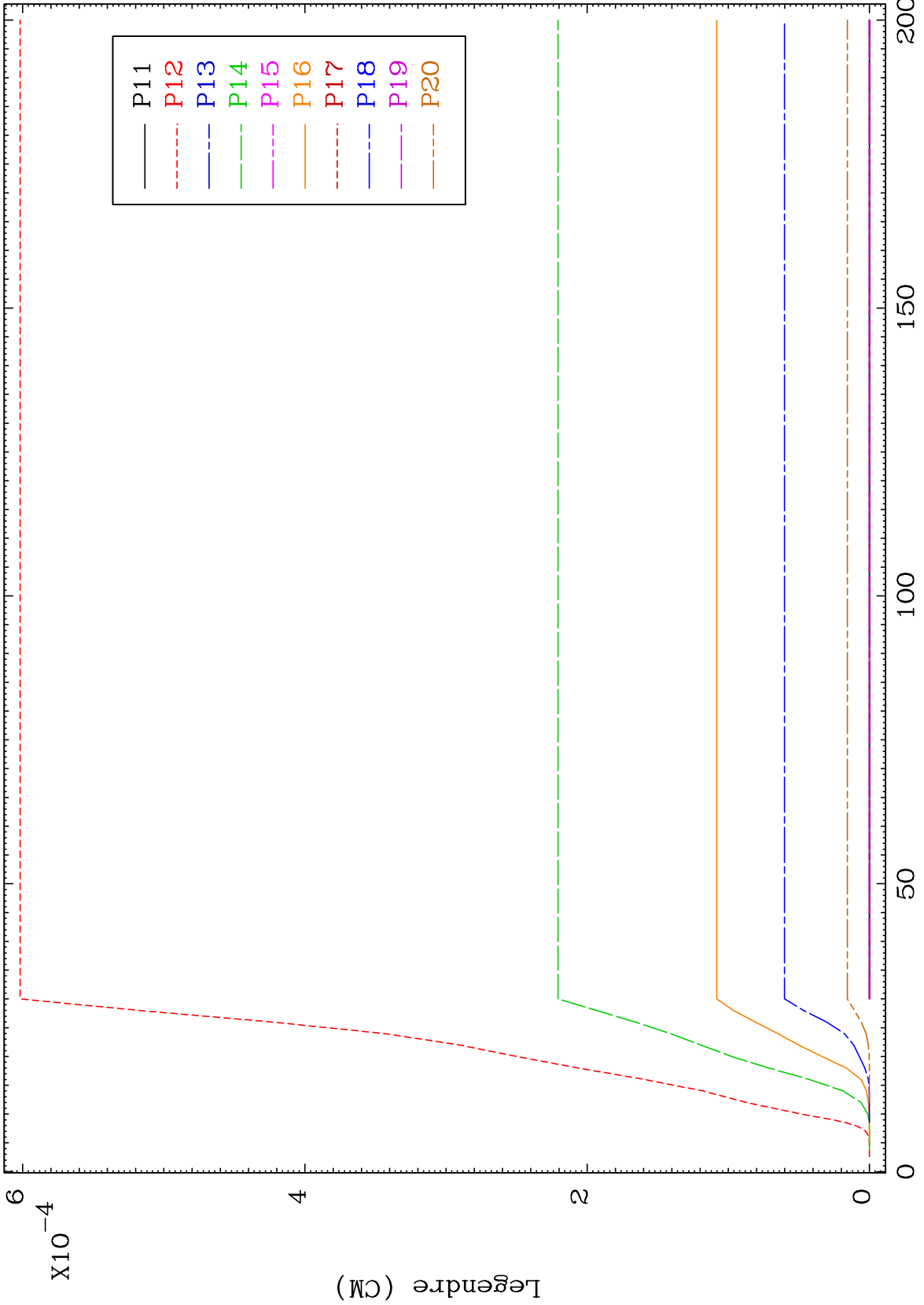
Incident Energy (MeV)

Legendre (CM)

MAT 7698

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

77-Ir-182

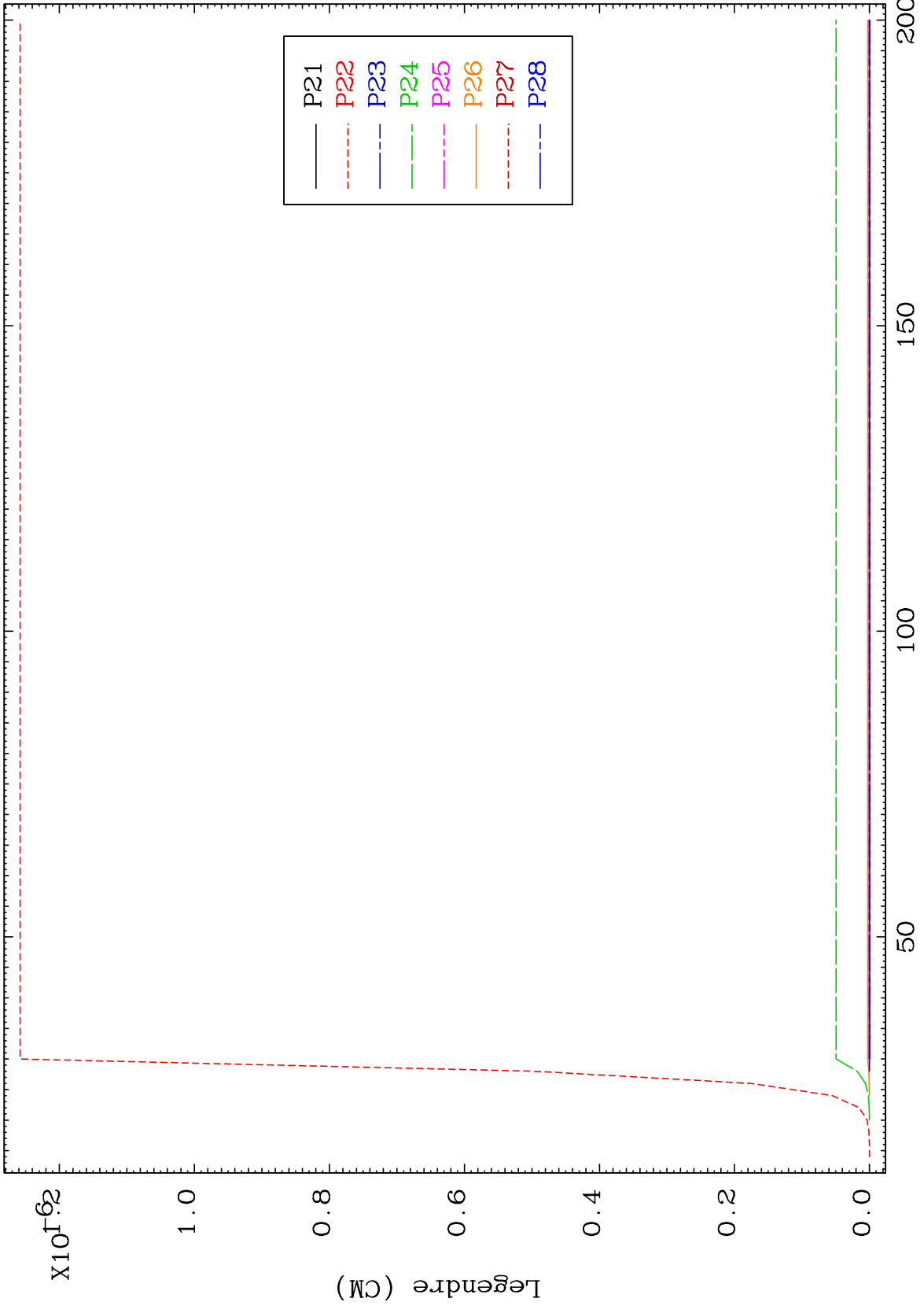


121

Incident Energy (MeV)

77-Ir-182

MAT 7698 MT= 80 (n, n') Level Legendre Coefficients 77-Ir-182



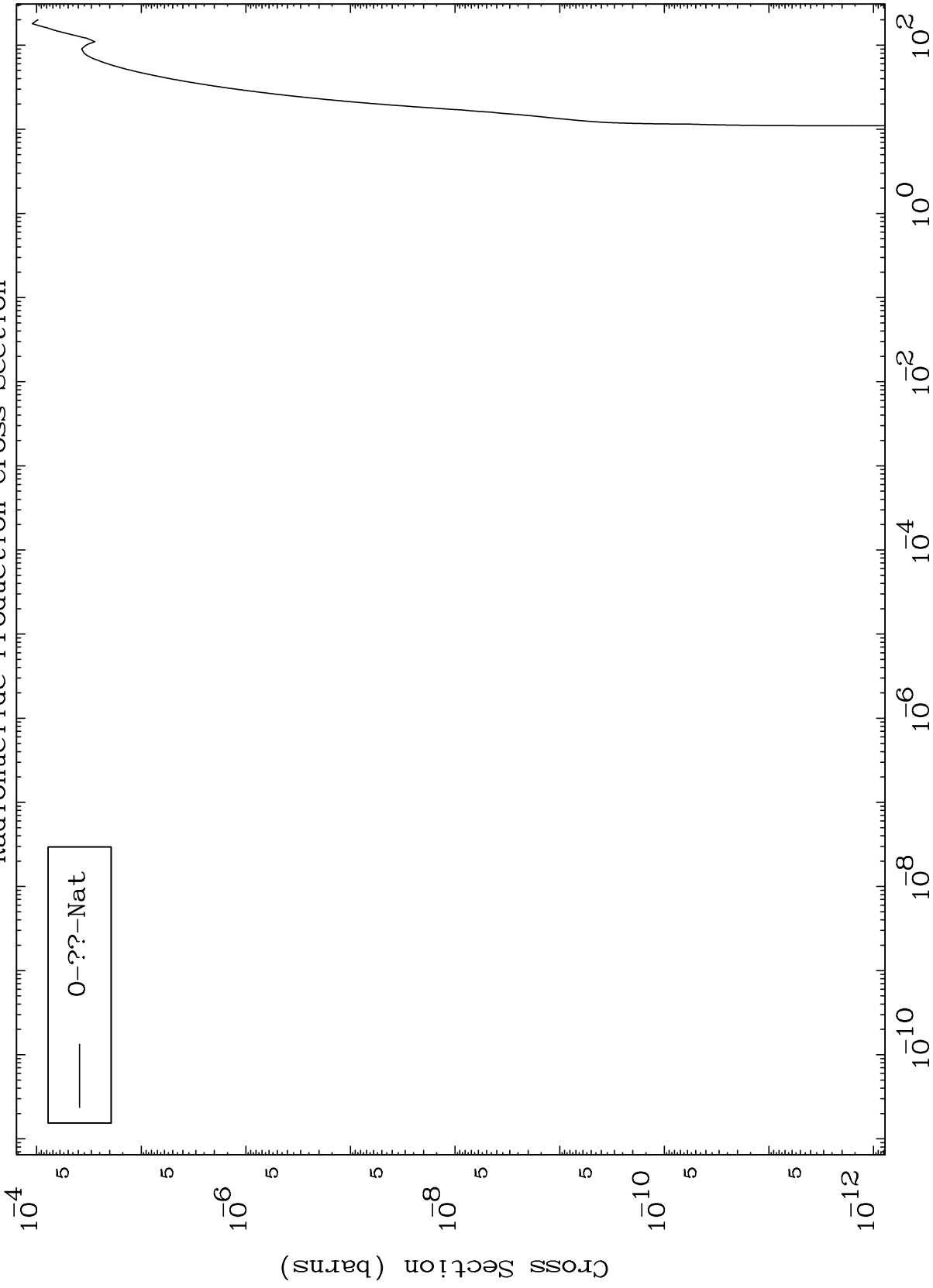
122 77-Ir-182

MAT 7698

Fission

⁷⁷Ir-182

Radionuclide Production Cross Section



123

Incident Energy (MeV)

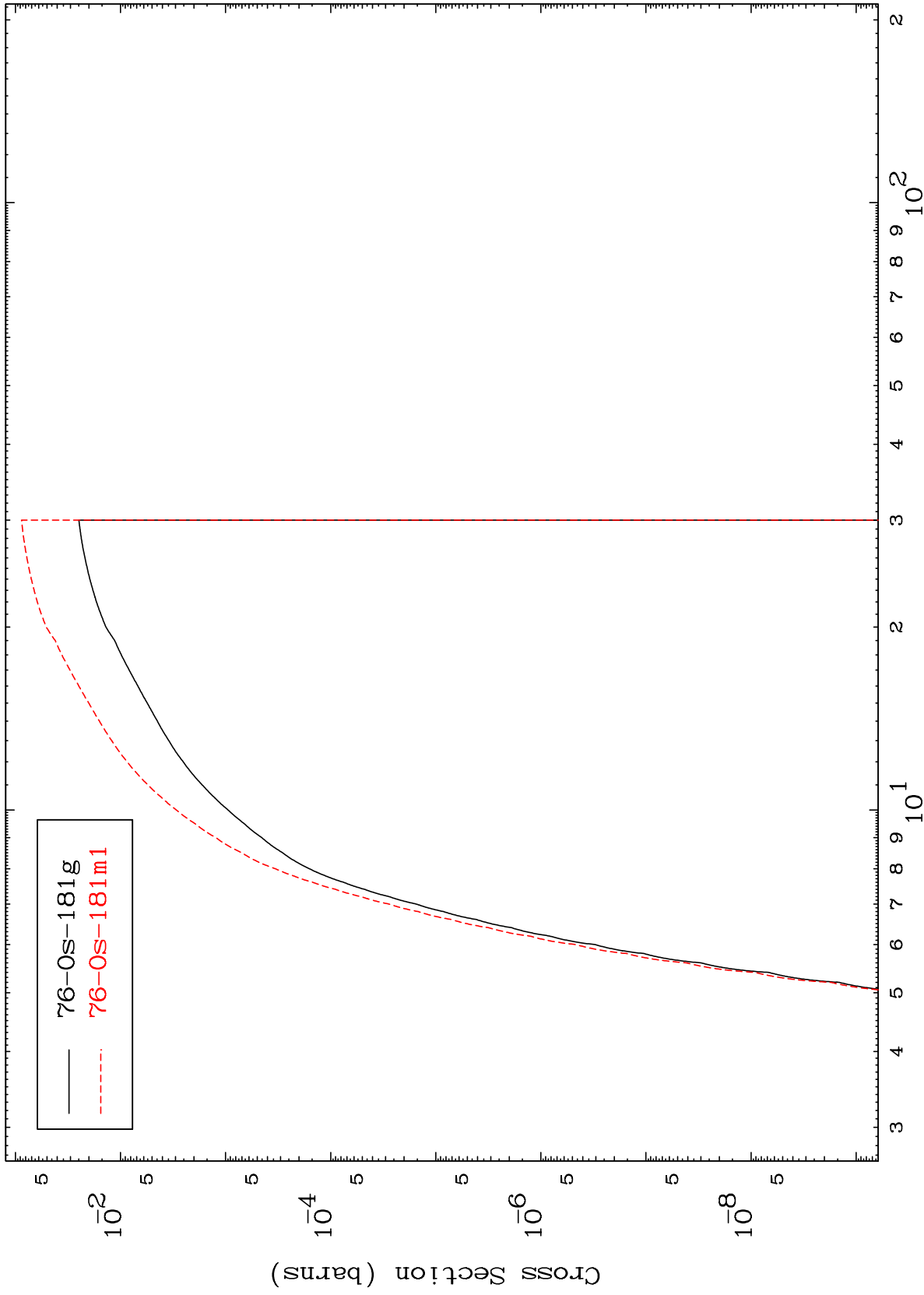
⁷⁷Ir-182

MAT 7698

(n,n') p

⁷⁷Ir-182

Radionuclide Production Cross Section



124

Incident Energy (MeV)

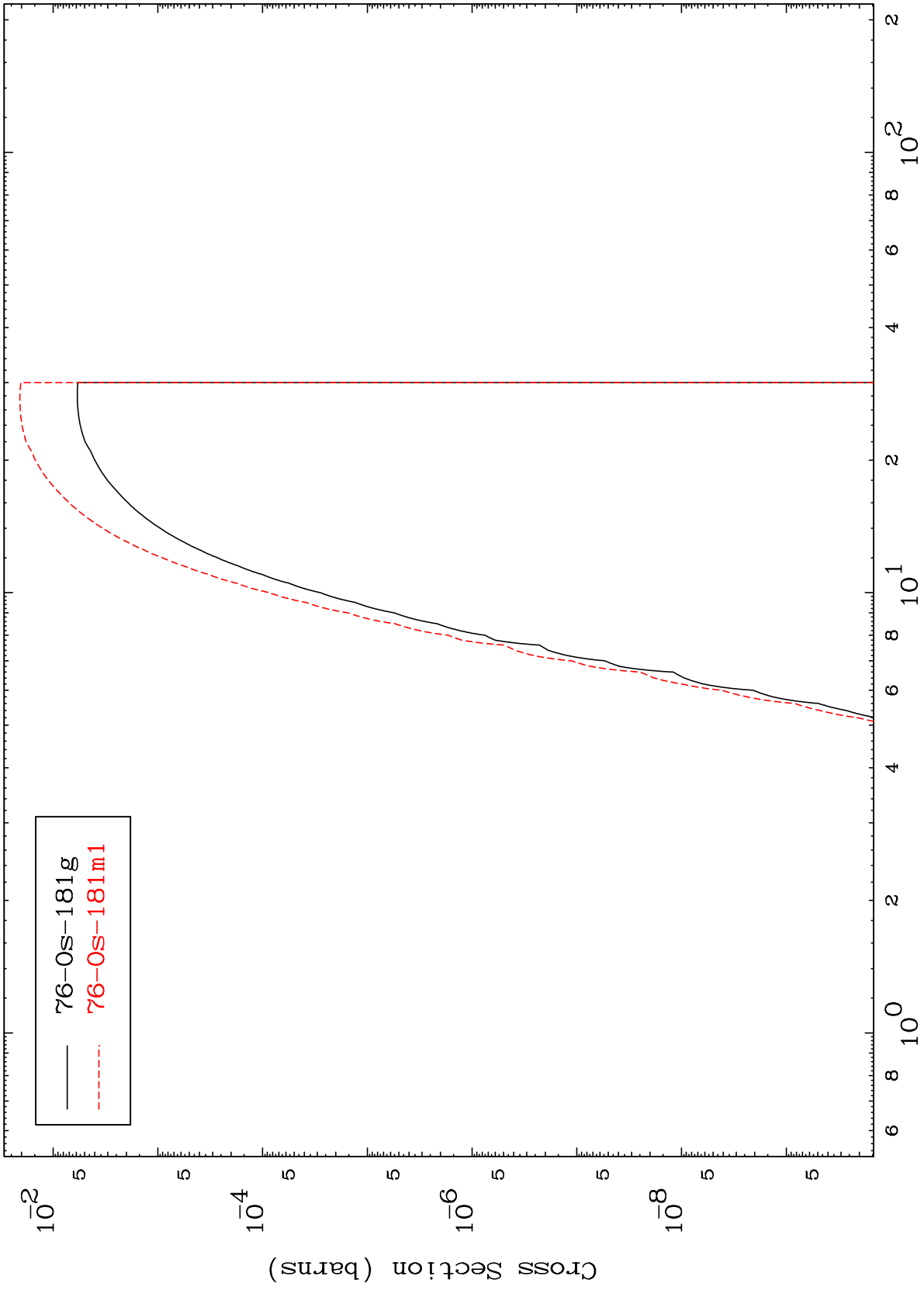
⁷⁷Ir-182

MAT 7698

(n,d)

⁷⁷Ir-182

Radionuclide Production Cross Section



125

Incident Energy (MeV)

⁷⁷Ir-182