

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

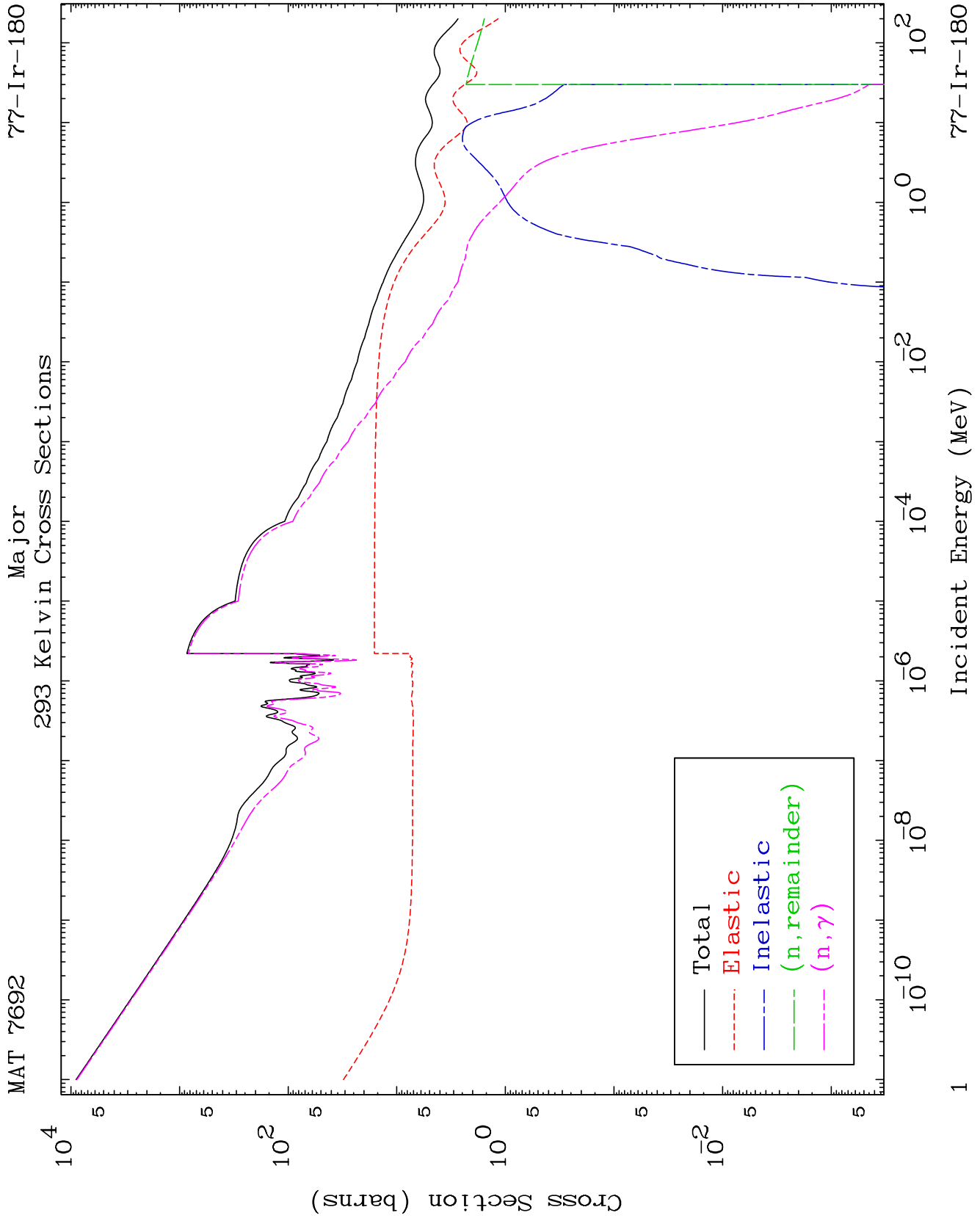
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Tele: 925-443-1911

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

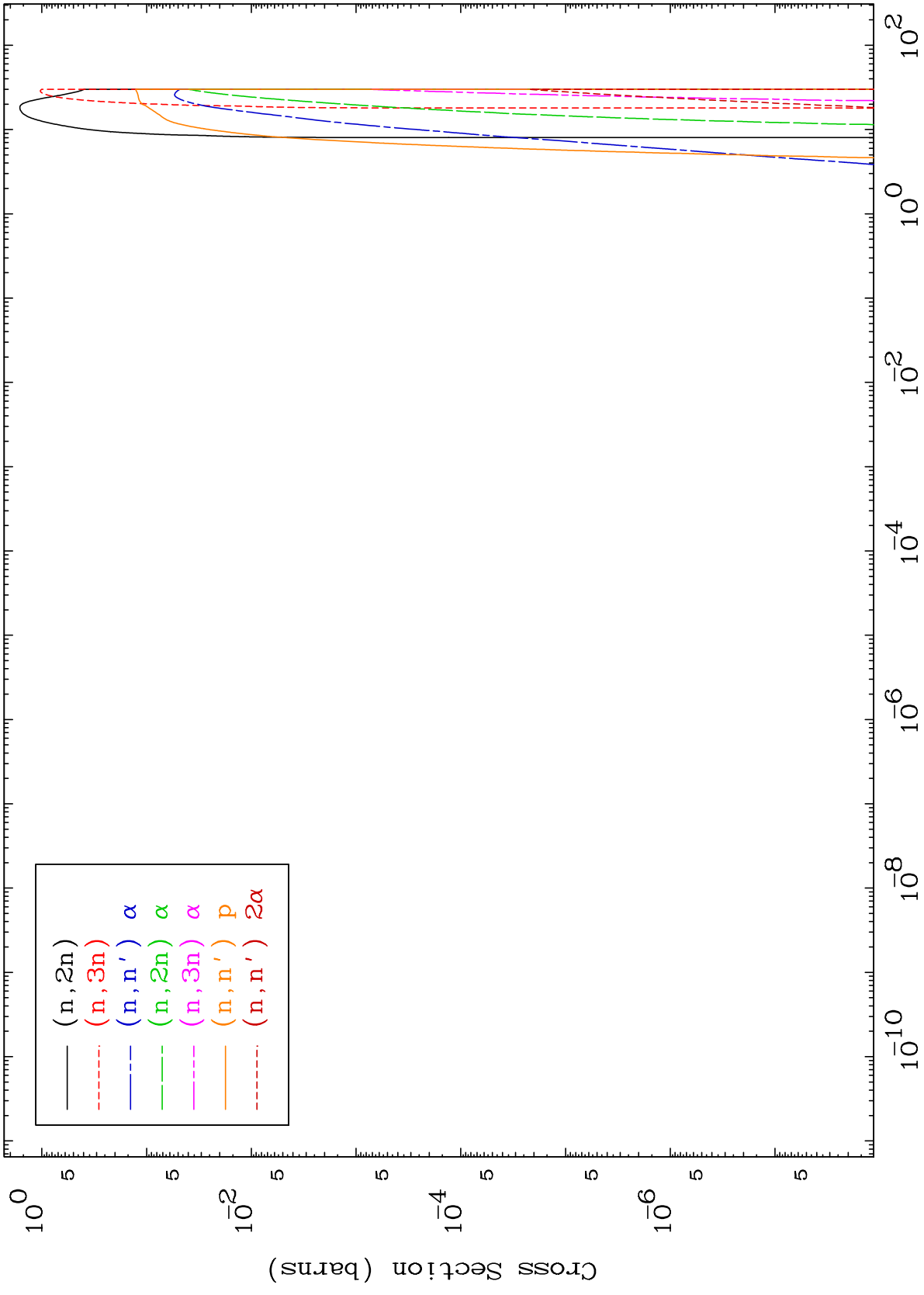
Press Mouse Button to Start



MAT 7692

Neutron Production
293 Kelvin Cross Sections

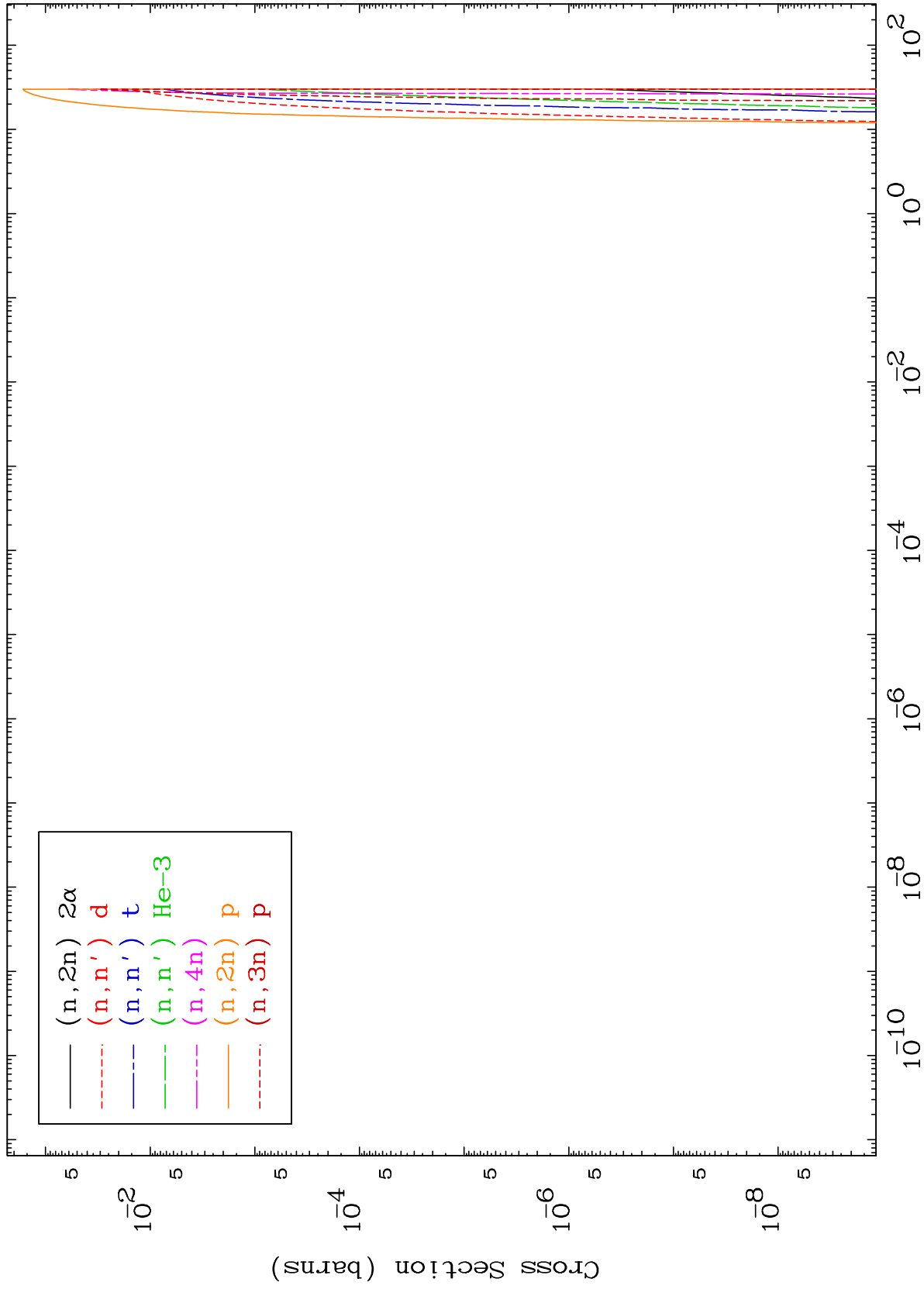
77-Ir-180



MAT 7692

Neutron Production
293 Kelvin Cross Sections

77-Ir-180



3

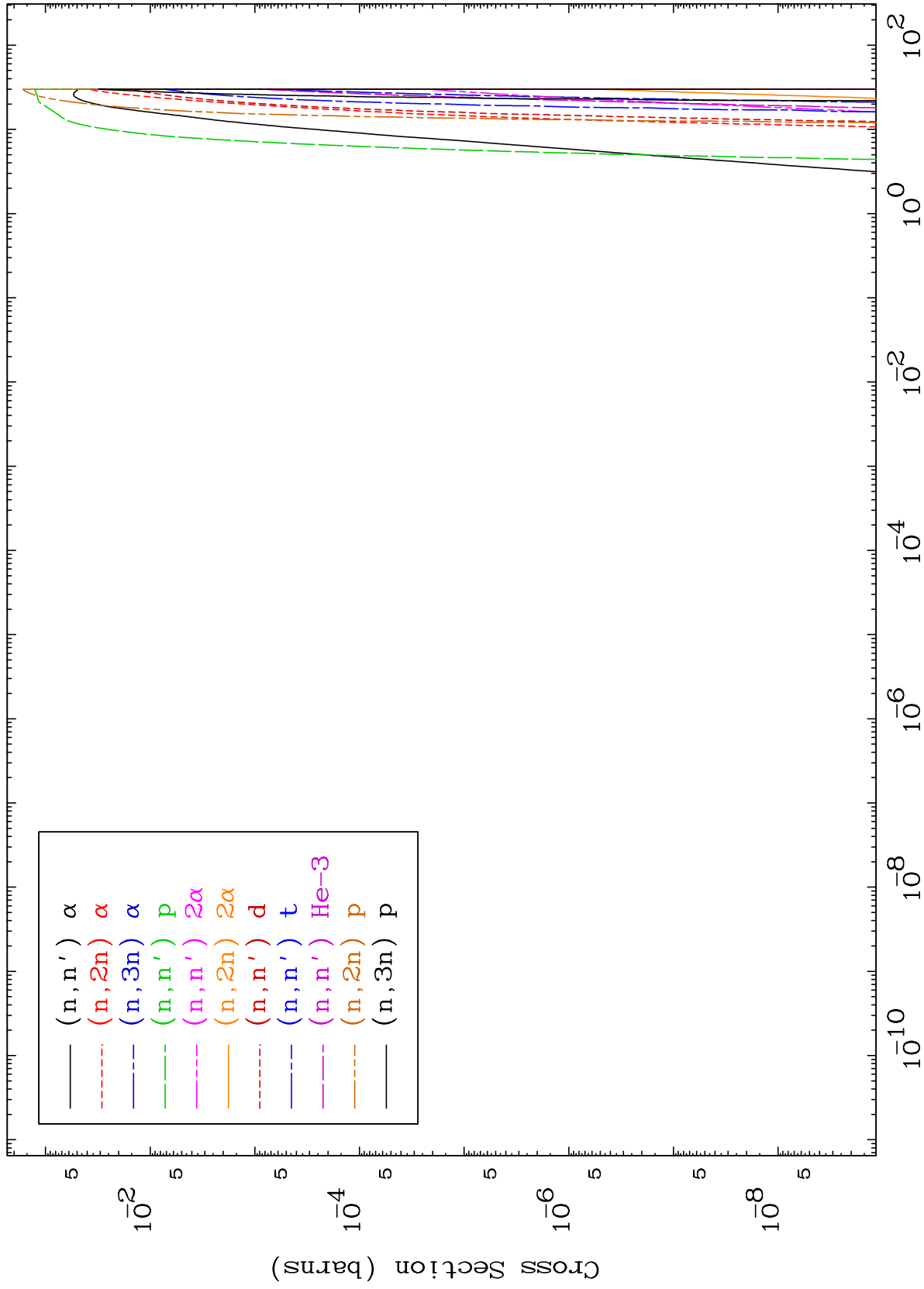
Incident Energy (MeV)

77-Ir-180

MAT 7692

Charged Particle
293 Kelvin Cross Sections

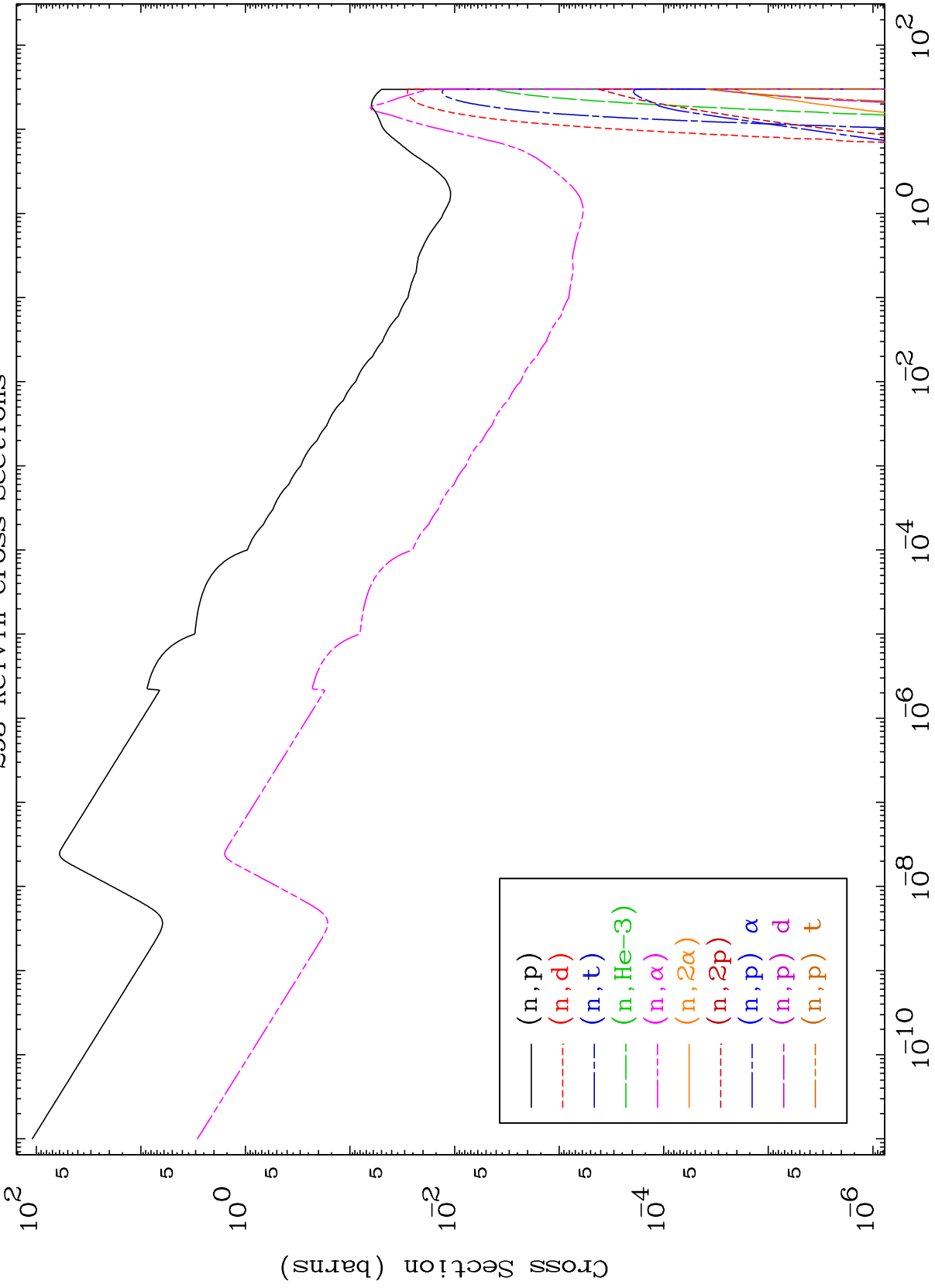
77-Ir-180



MAT 7692

Charged Particle
293 Kelvin Cross Sections

77-Ir-180



5

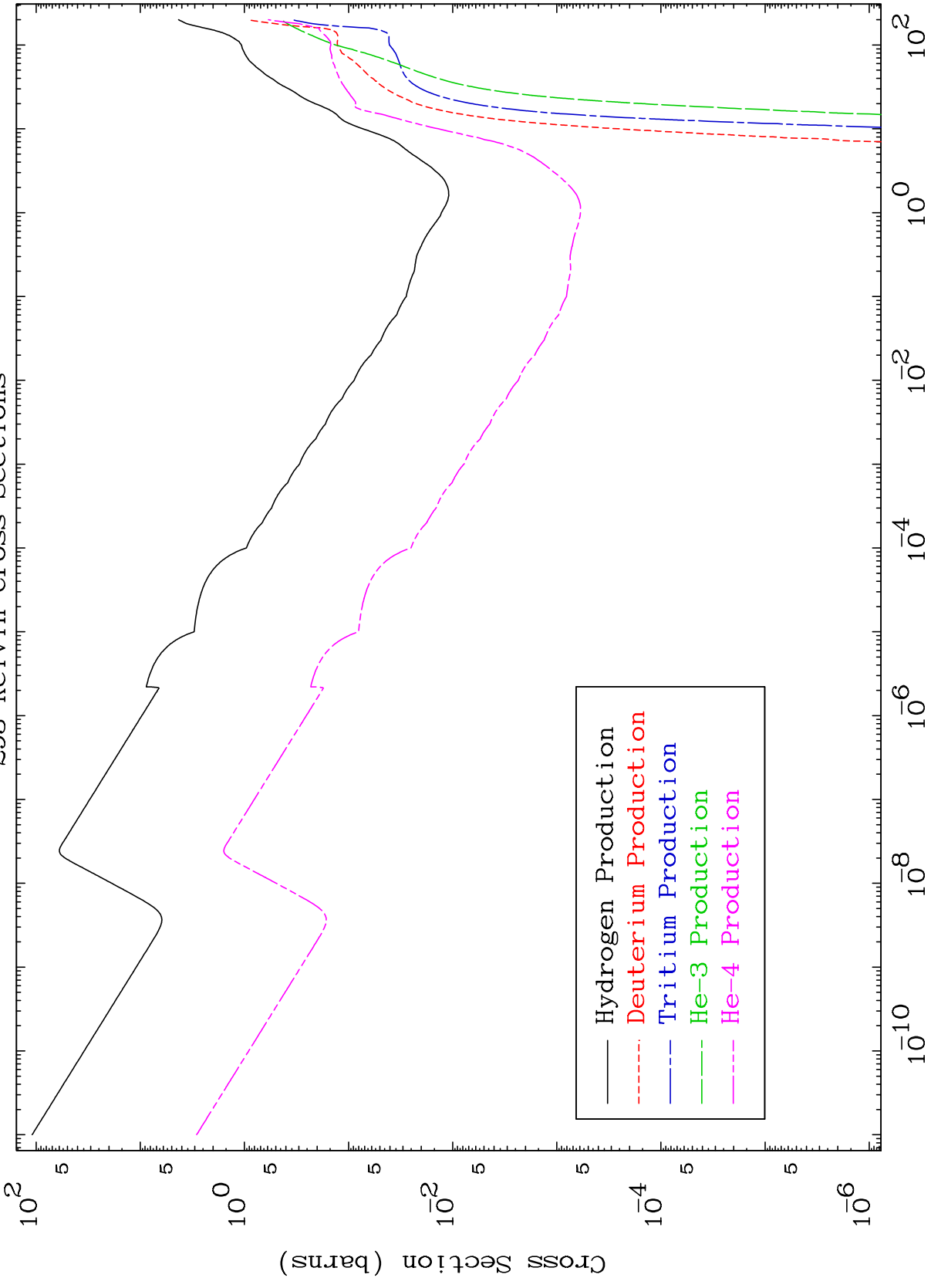
Incident Energy (MeV)

77-Ir-180

MAT 7692

Particle Production
293 Kelvin Cross Sections

77-Ir-180



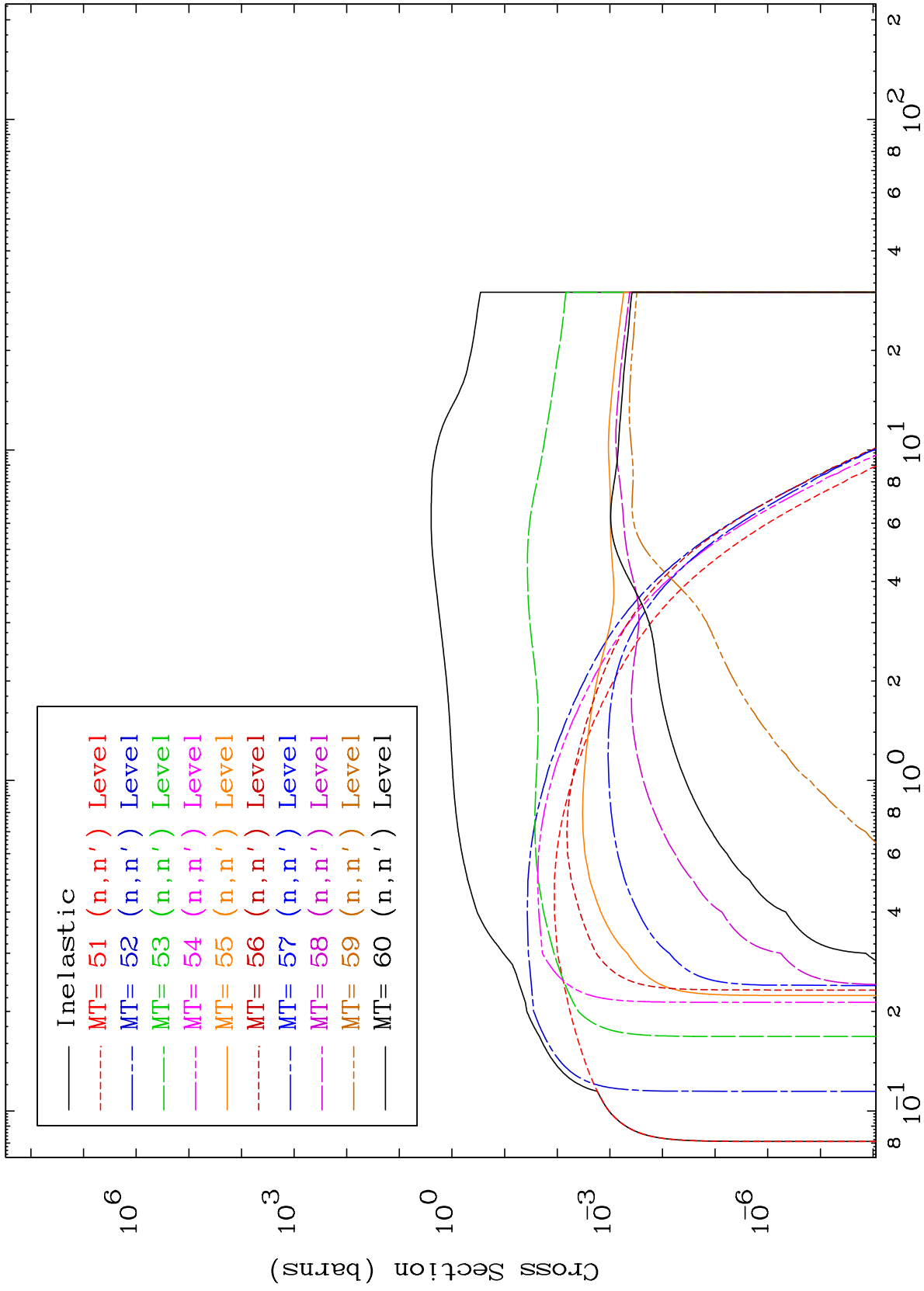
6

77-Ir-180

MAT 7692

293 Kelvin Cross Sections

77-Ir-180



7

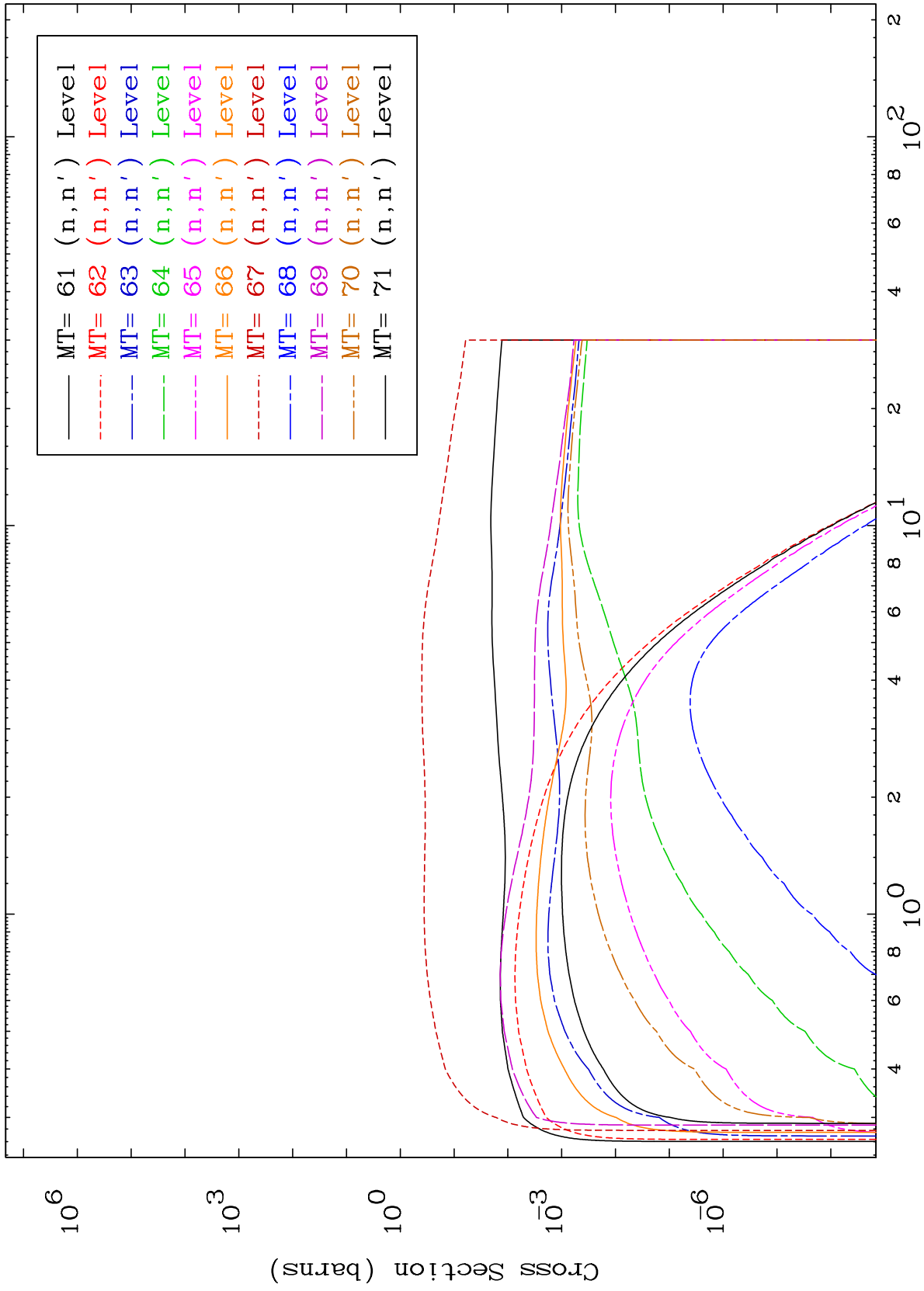
Incident Energy (MeV)

77-Ir-180

MAT 7692

(n,n') Level
293 Kelvin Cross Sections

77-Ir-180



8

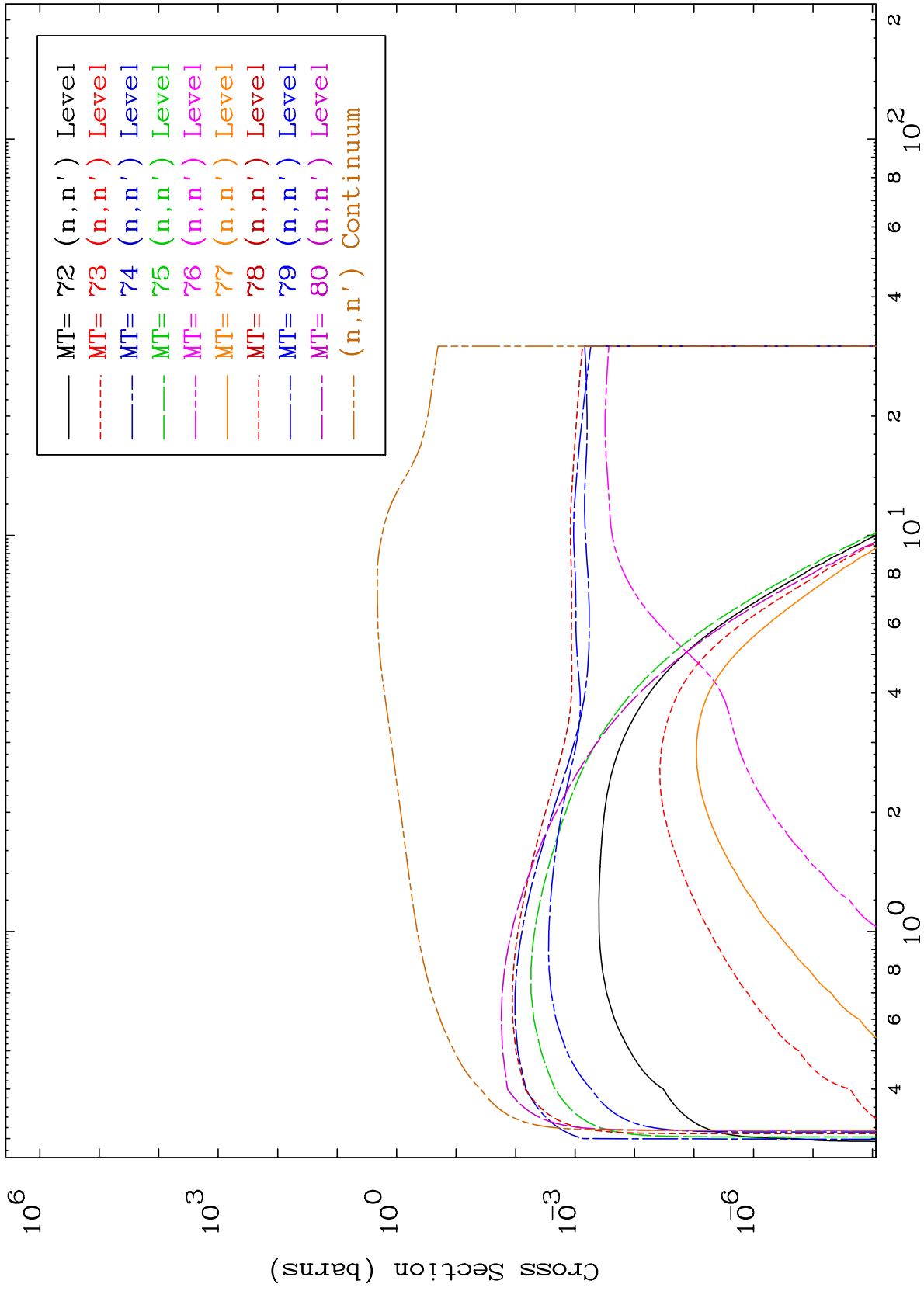
Incident Energy (MeV)

77-Ir-180

MAT 7692

(n,n') Level
293 Kelvin Cross Sections

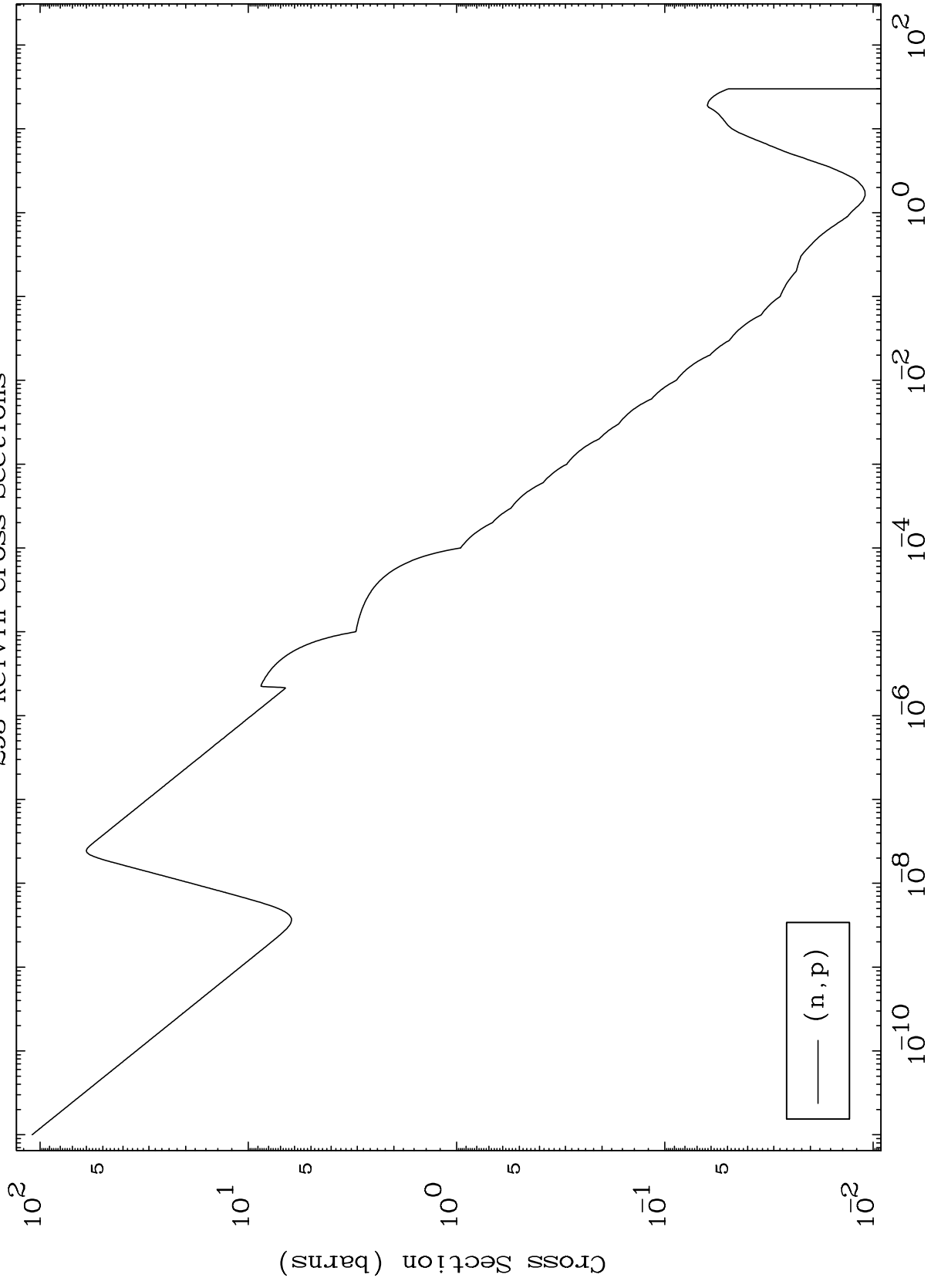
77-Ir-180



MAT 7692

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-180



10

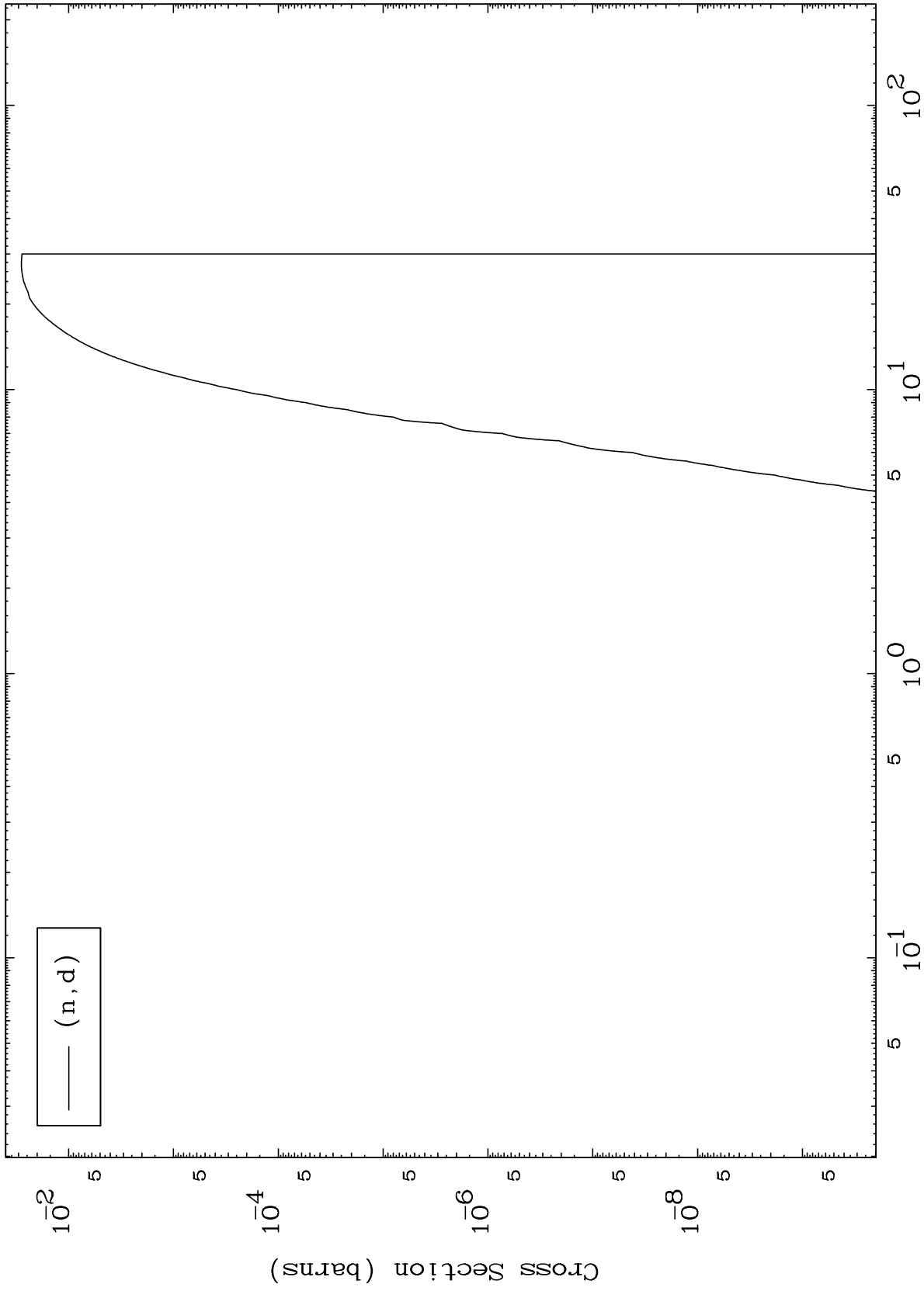
Incident Energy (MeV)

77-Ir-180

MAT 7692

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-180



11

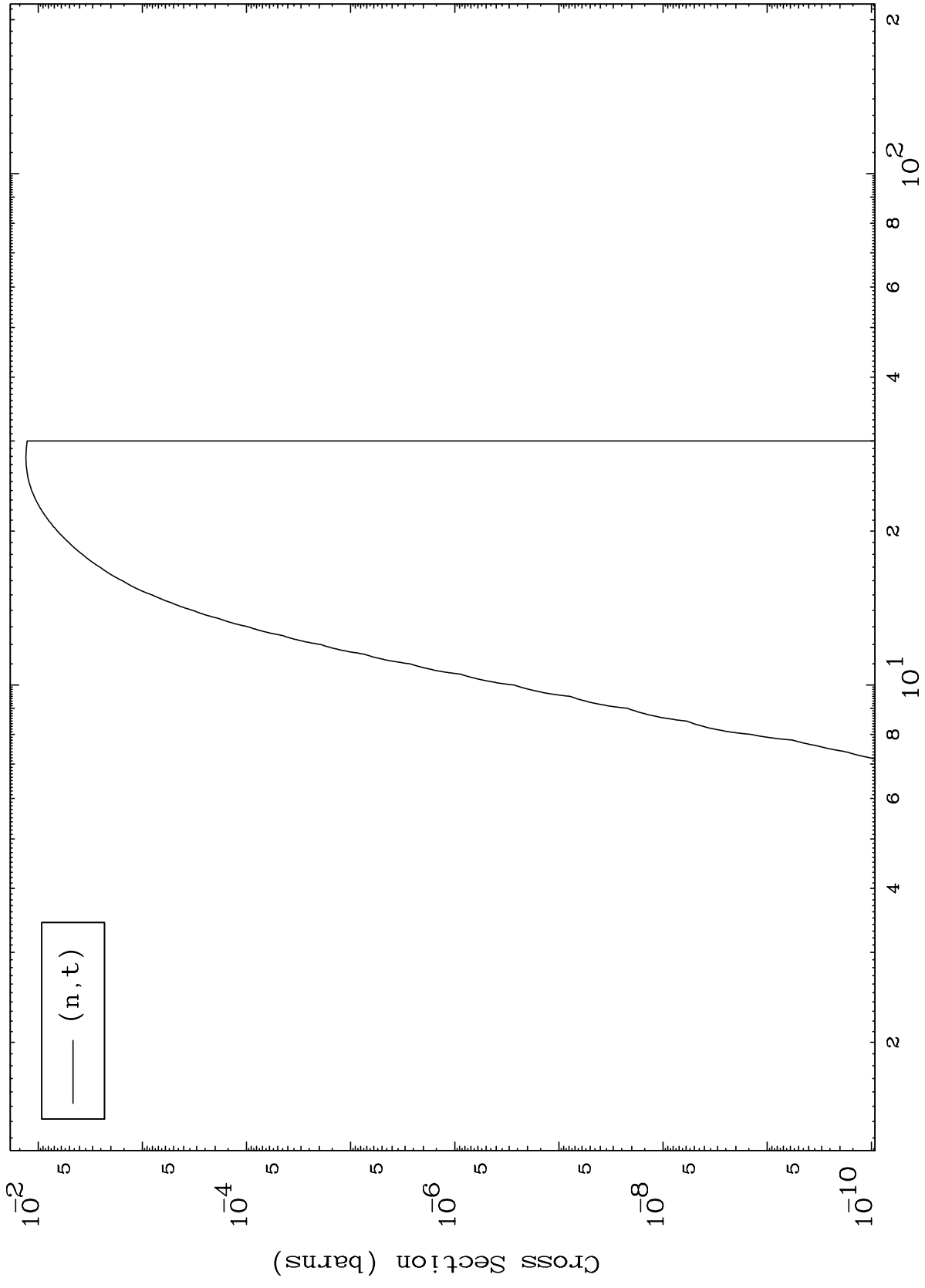
Incident Energy (MeV)

77-Ir-180

MAT 7692

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-180



12

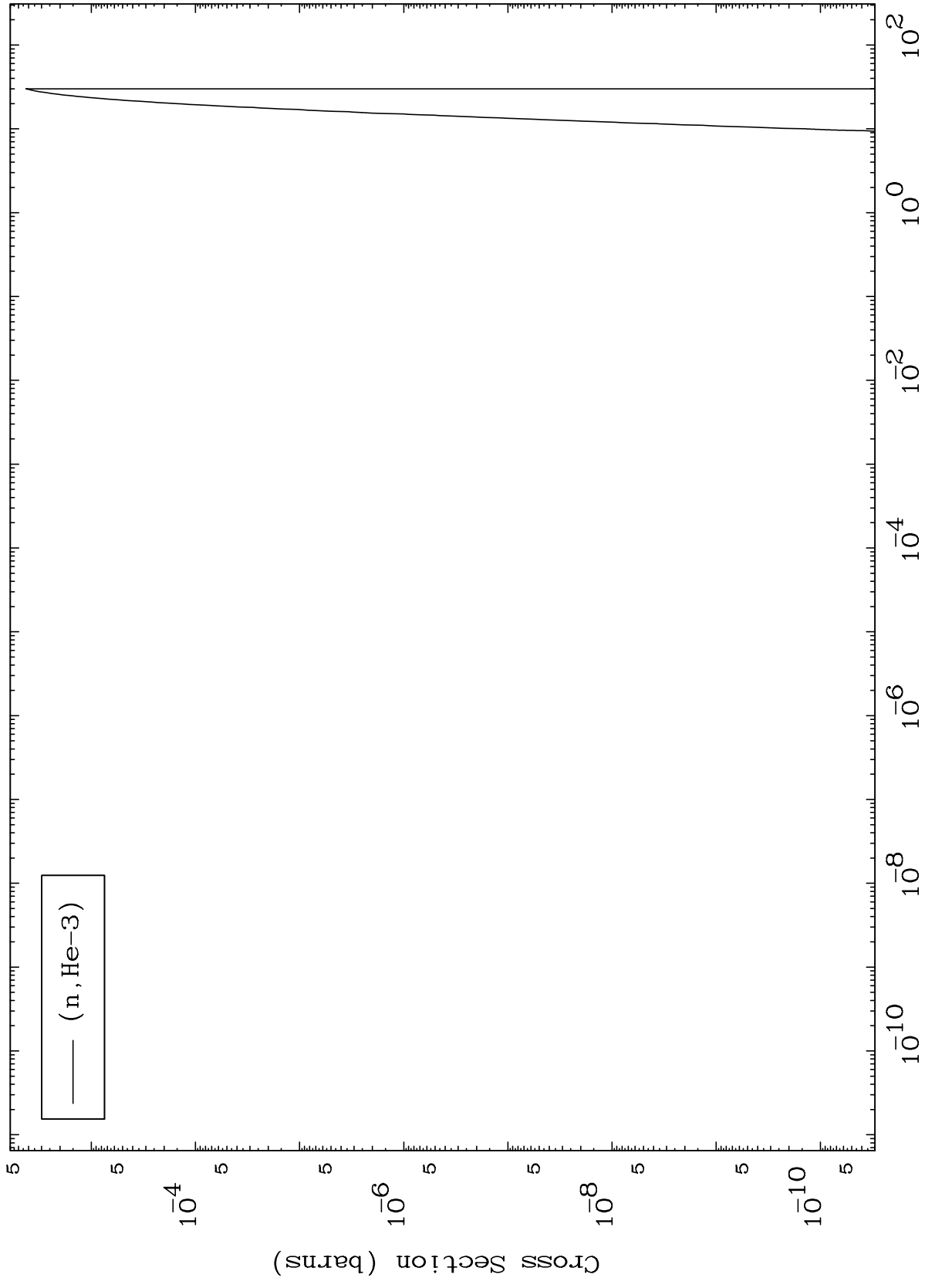
Incident Energy (MeV)

77-Ir-180

MAT 7692

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-180



13

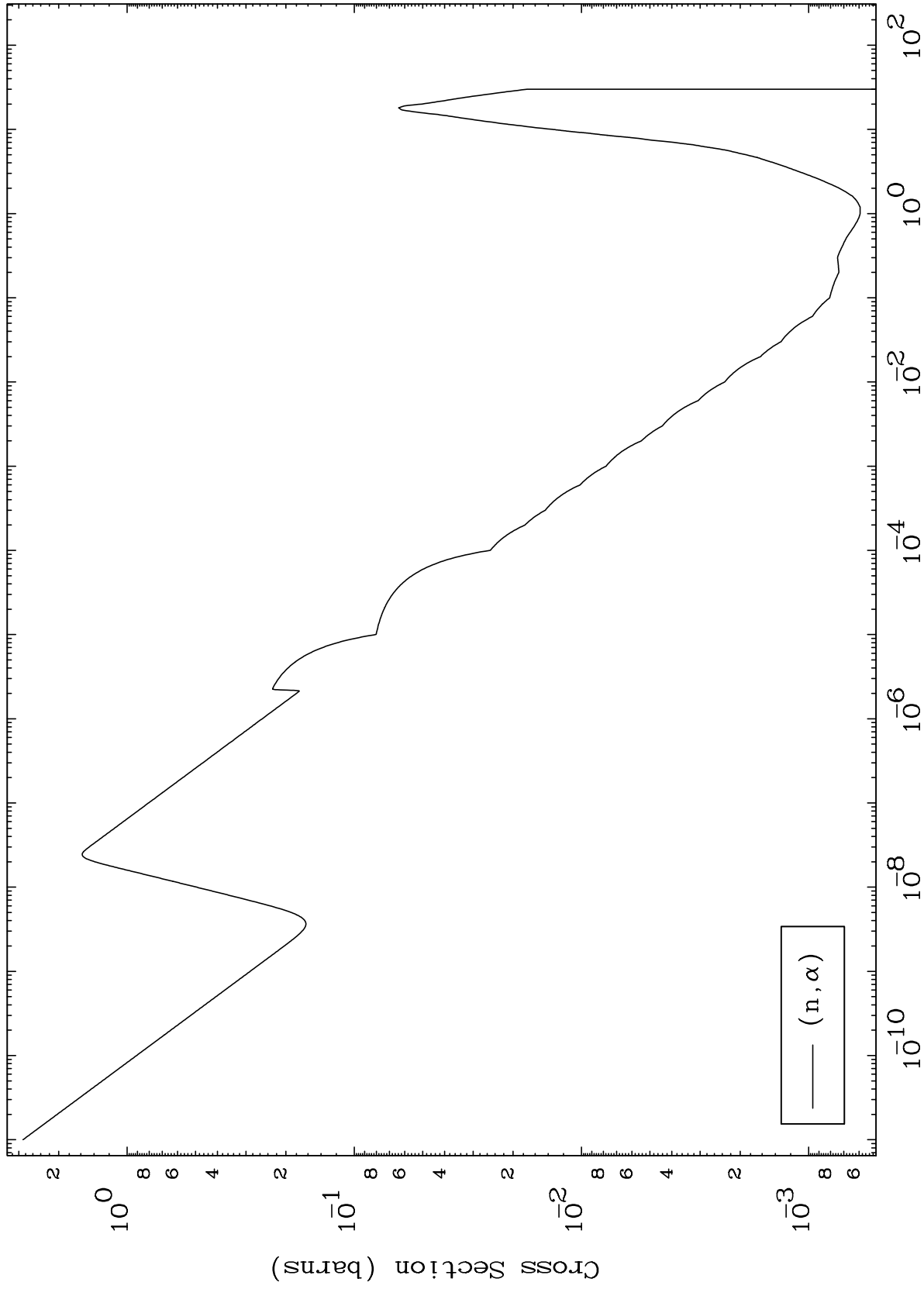
Incident Energy (MeV)

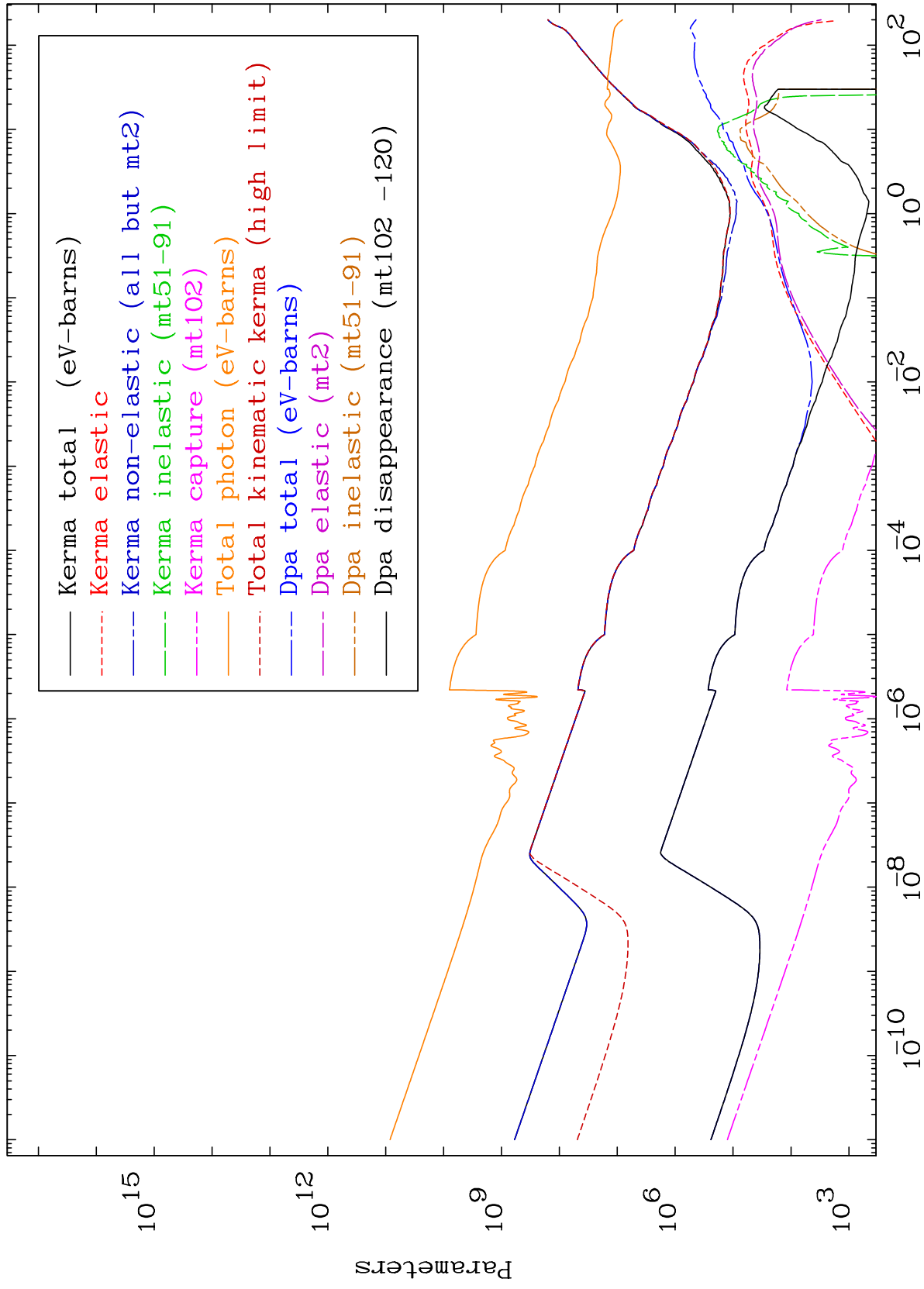
77-Ir-180

MAT 7692

(n,α) Levels
293 Kelvin Cross Sections

77-Ir-180

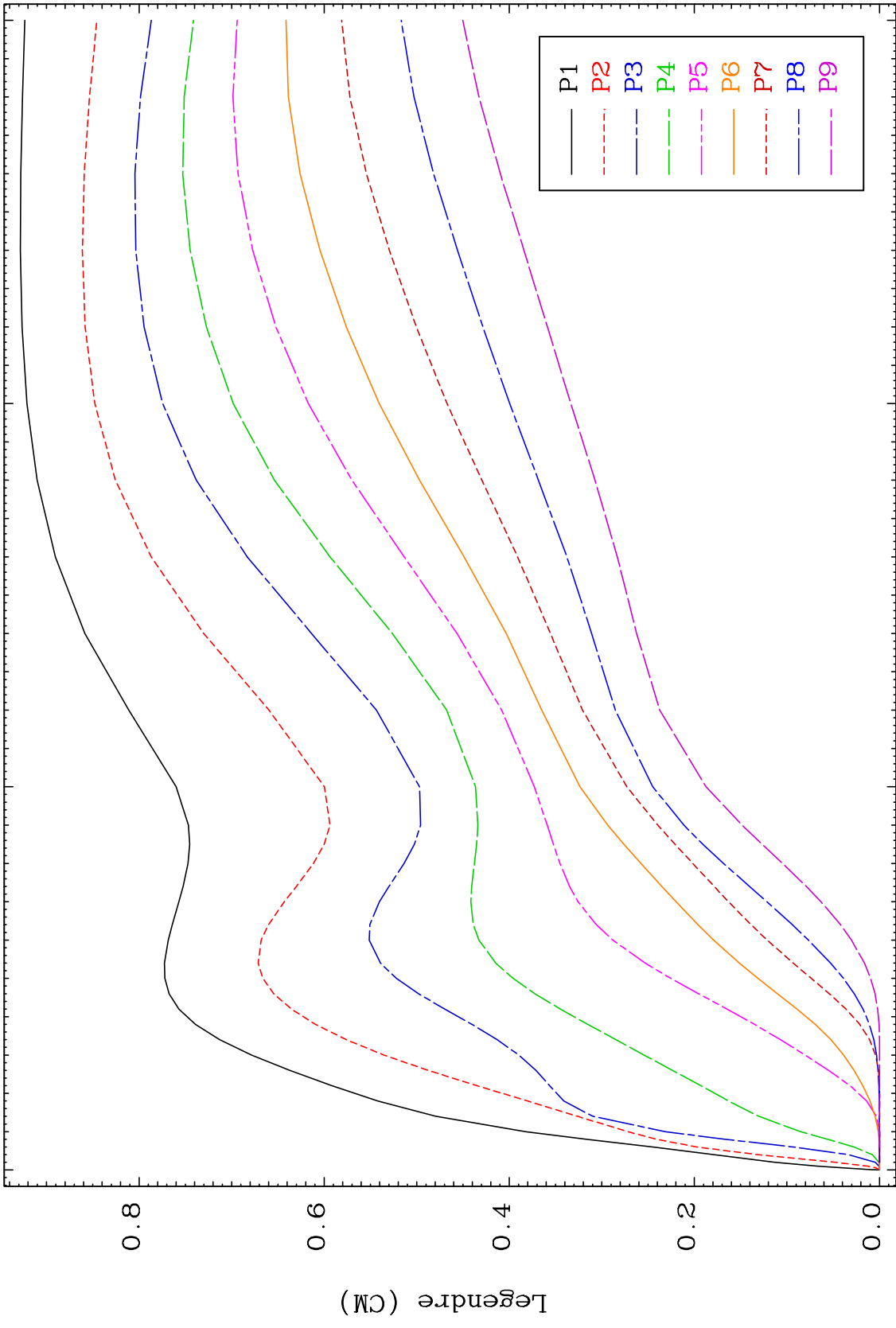




MAT 7692

Elastic Legendre Coefficients

77-Ir-180



16

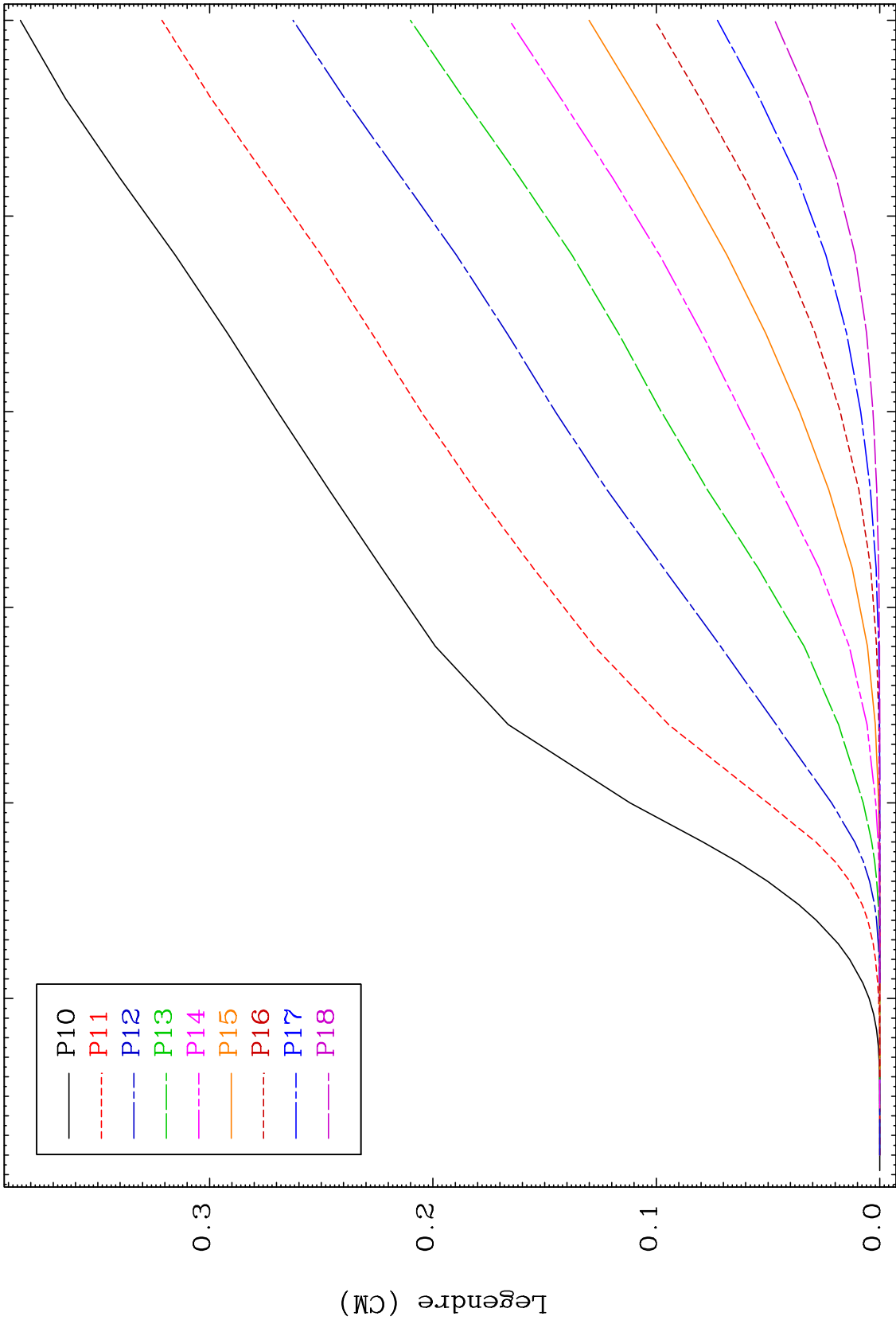
Incident Energy (MeV)

77-Ir-180

MAT 7692

Elastic Legendre Coefficients

77-Ir-180



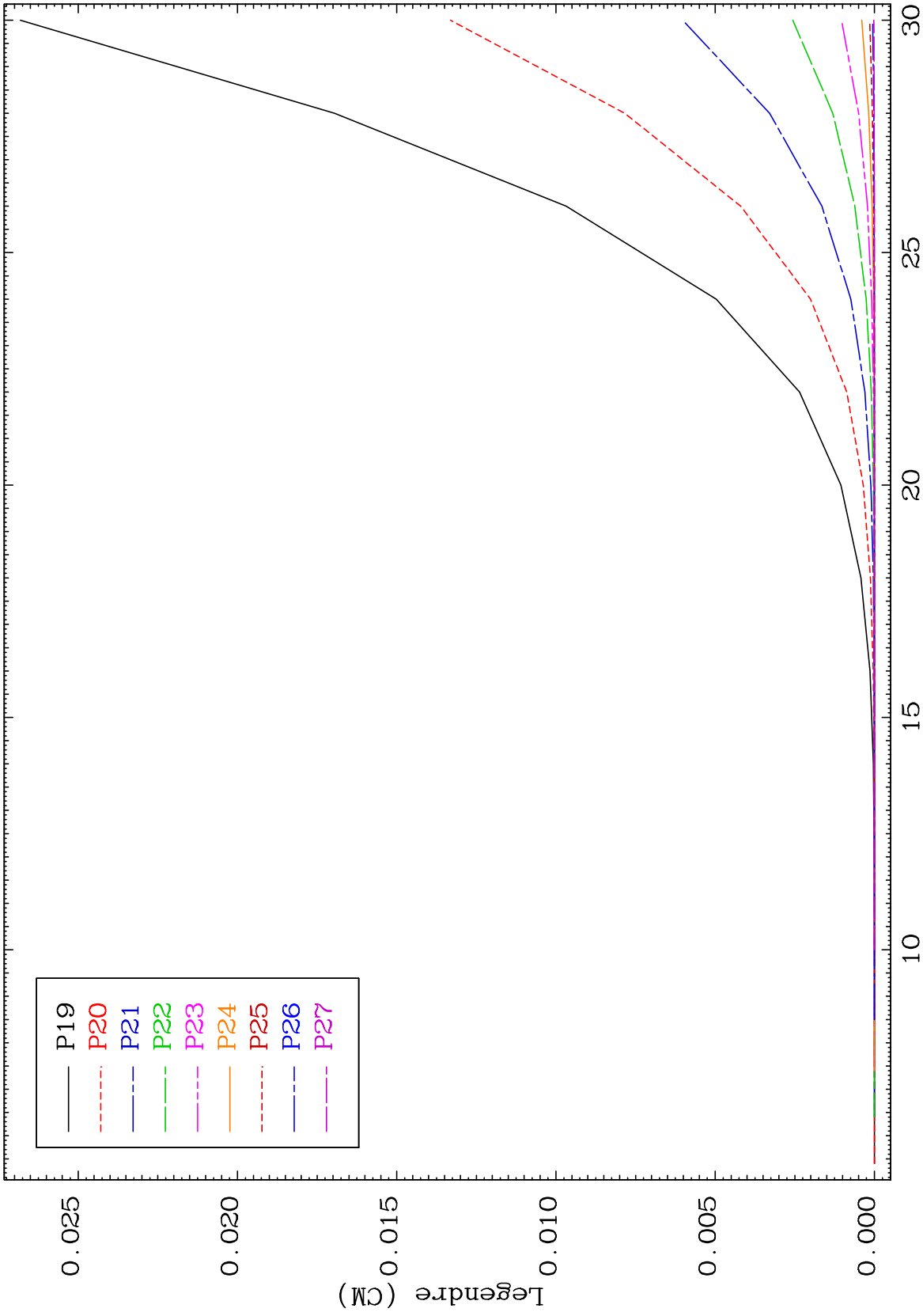
17

77-Ir-180

MAT 7692

Elastic Legendre Coefficients

77-Ir-180



18

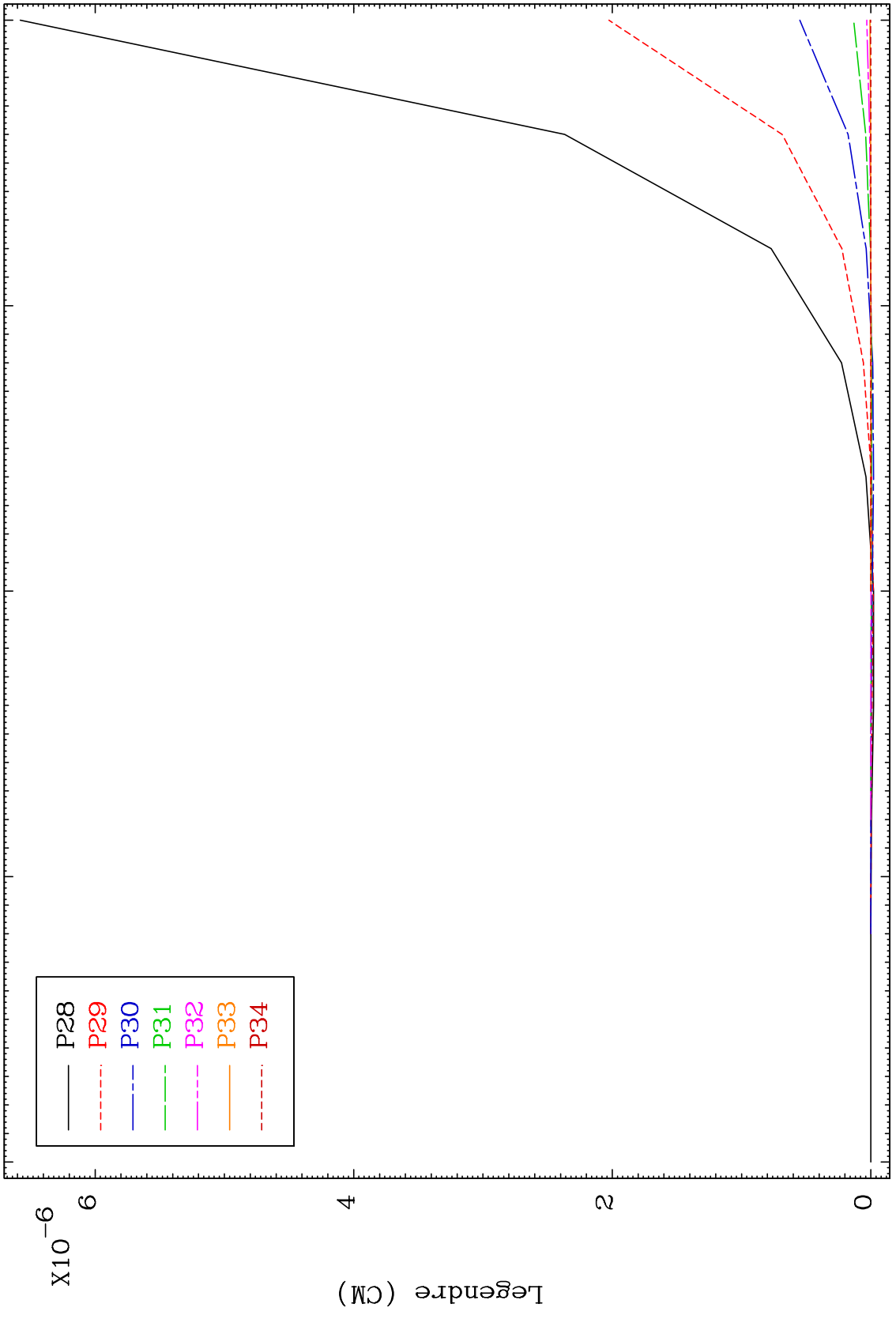
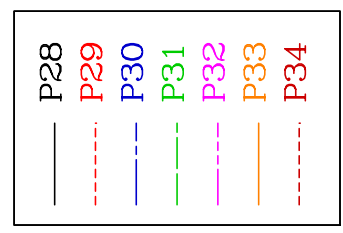
Incident Energy (MeV)

77-Ir-180

MAT 7692

Elastic Legendre Coefficients

77-Ir-180



19

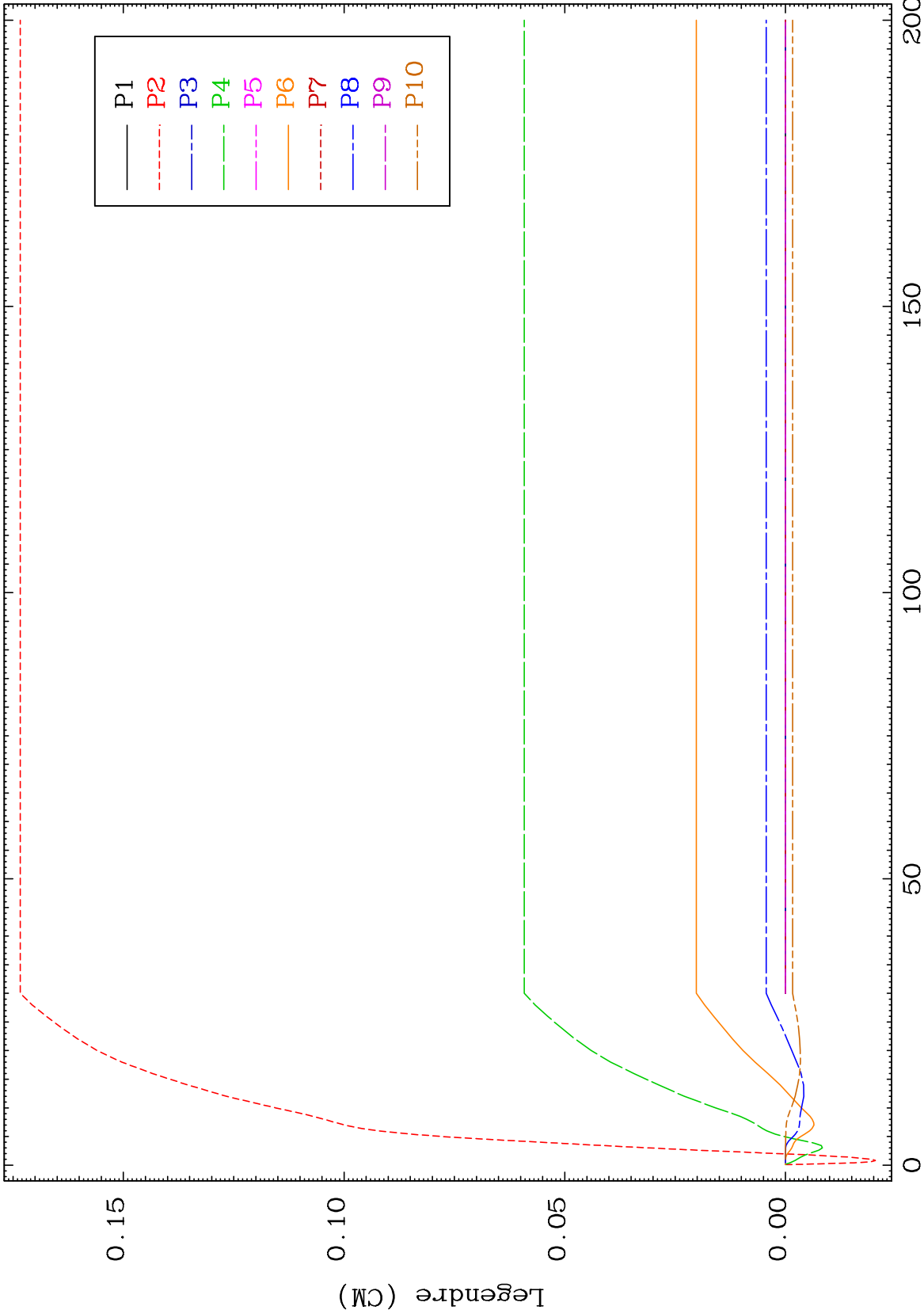
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



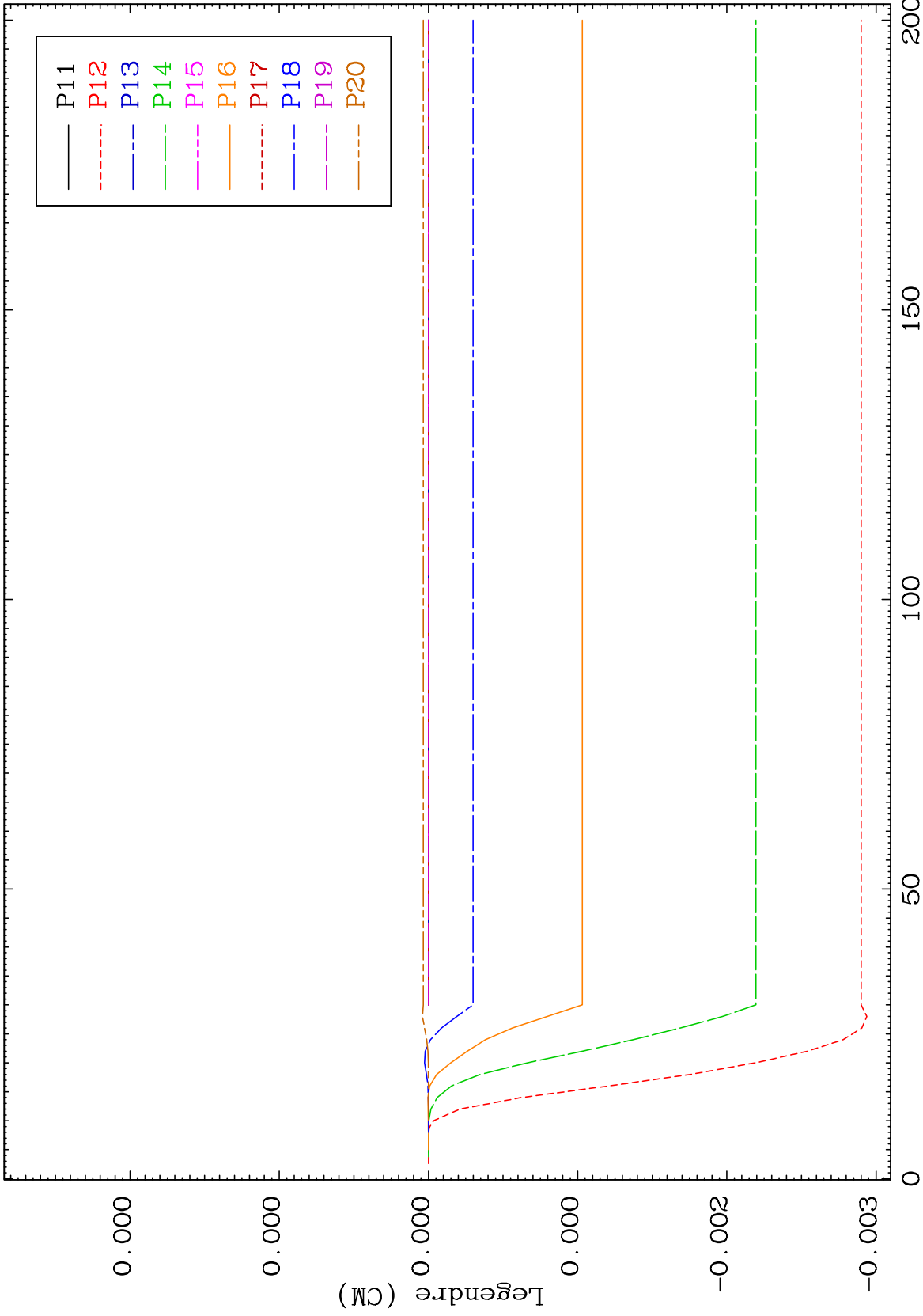
77-Ir-180

Incident Energy (MeV)

MAT 7692

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

77-Ir-180



21

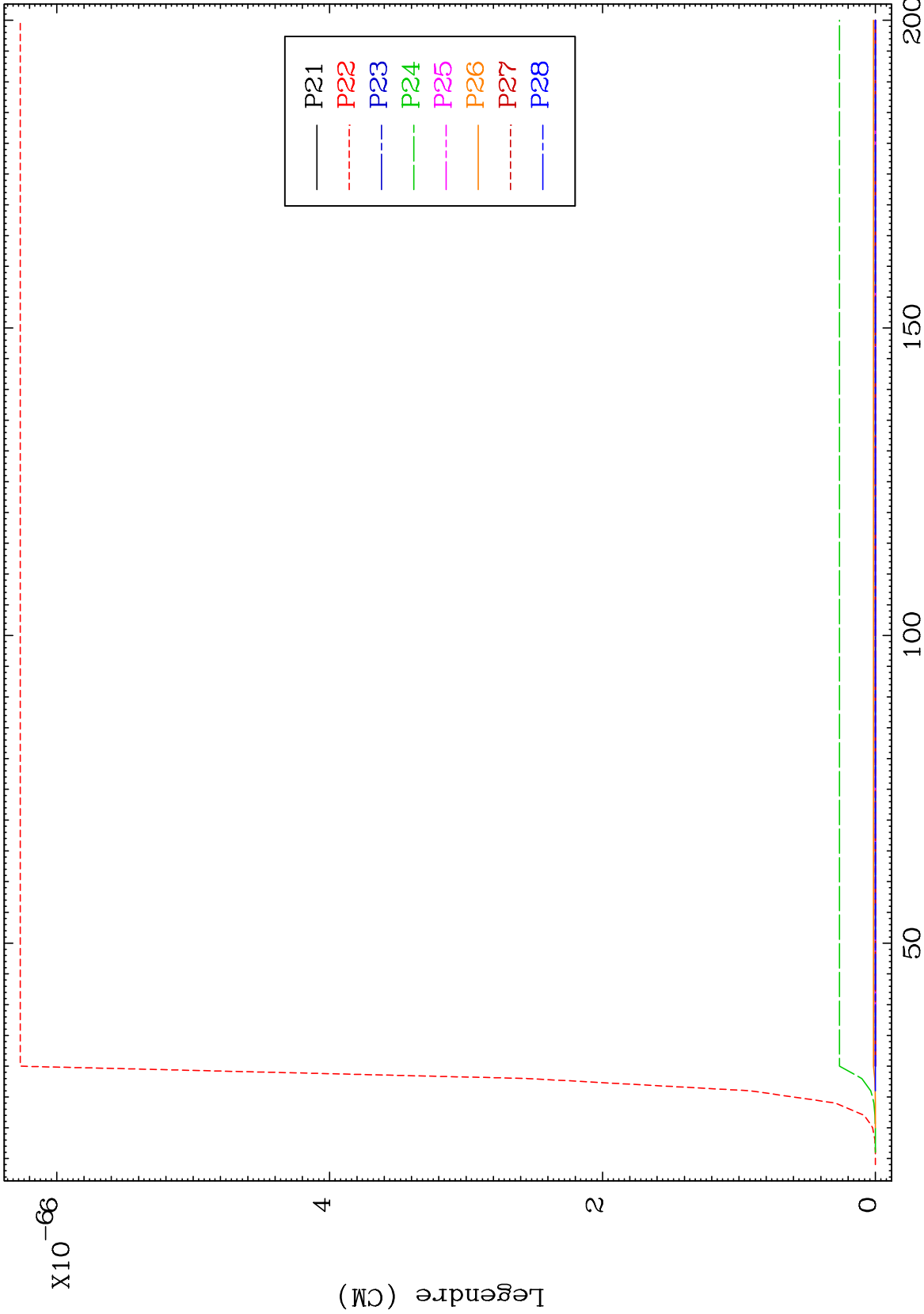
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



22

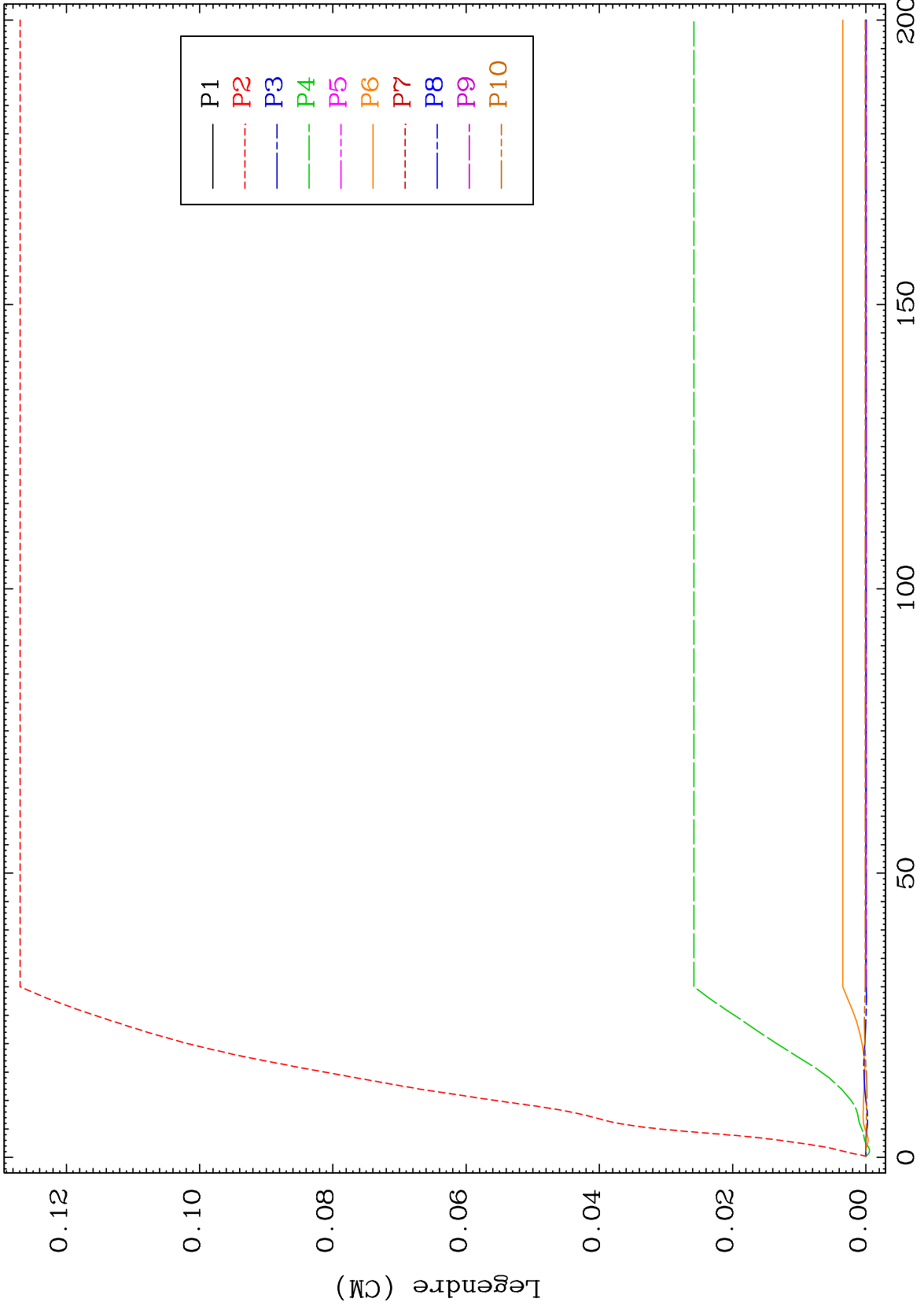
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



23

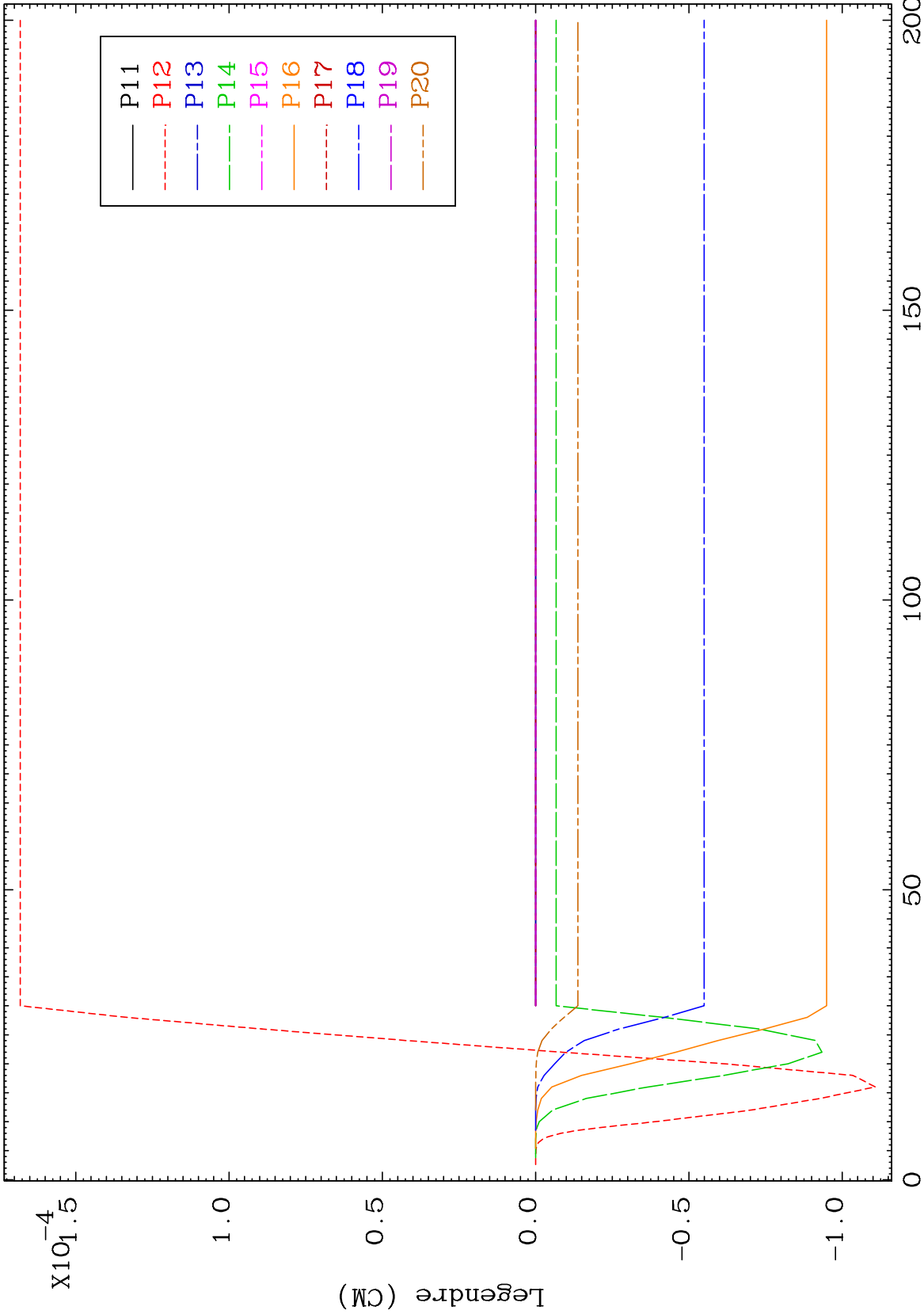
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

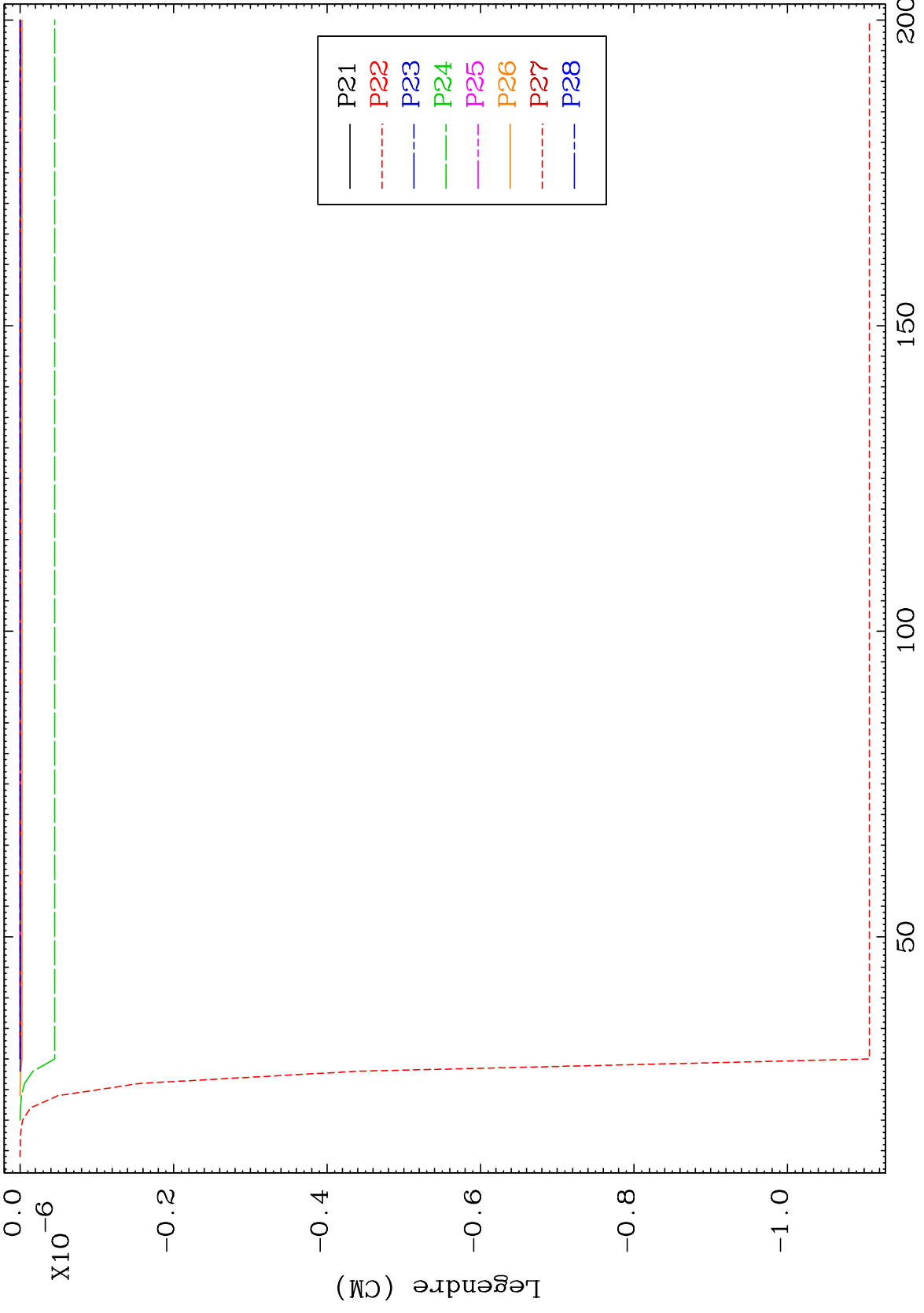
77-Ir-180



24

77-Ir-180

MAT 7692 MT= 52 (n,n') Level Legendre Coefficients 77-Ir-180

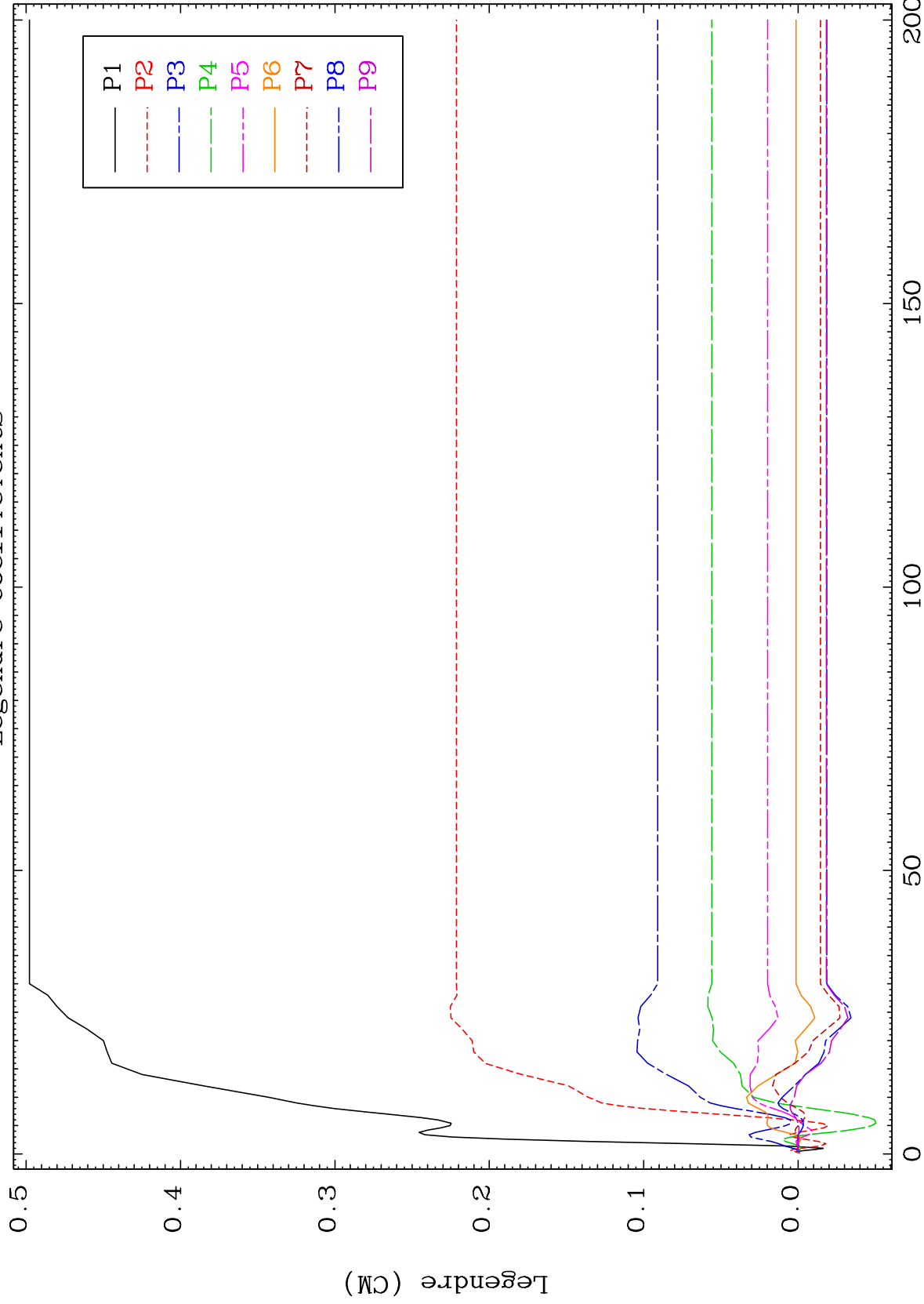


25 Incident Energy (MeV) 77-Ir-180

MAT 7692

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

77-Ir-180



26

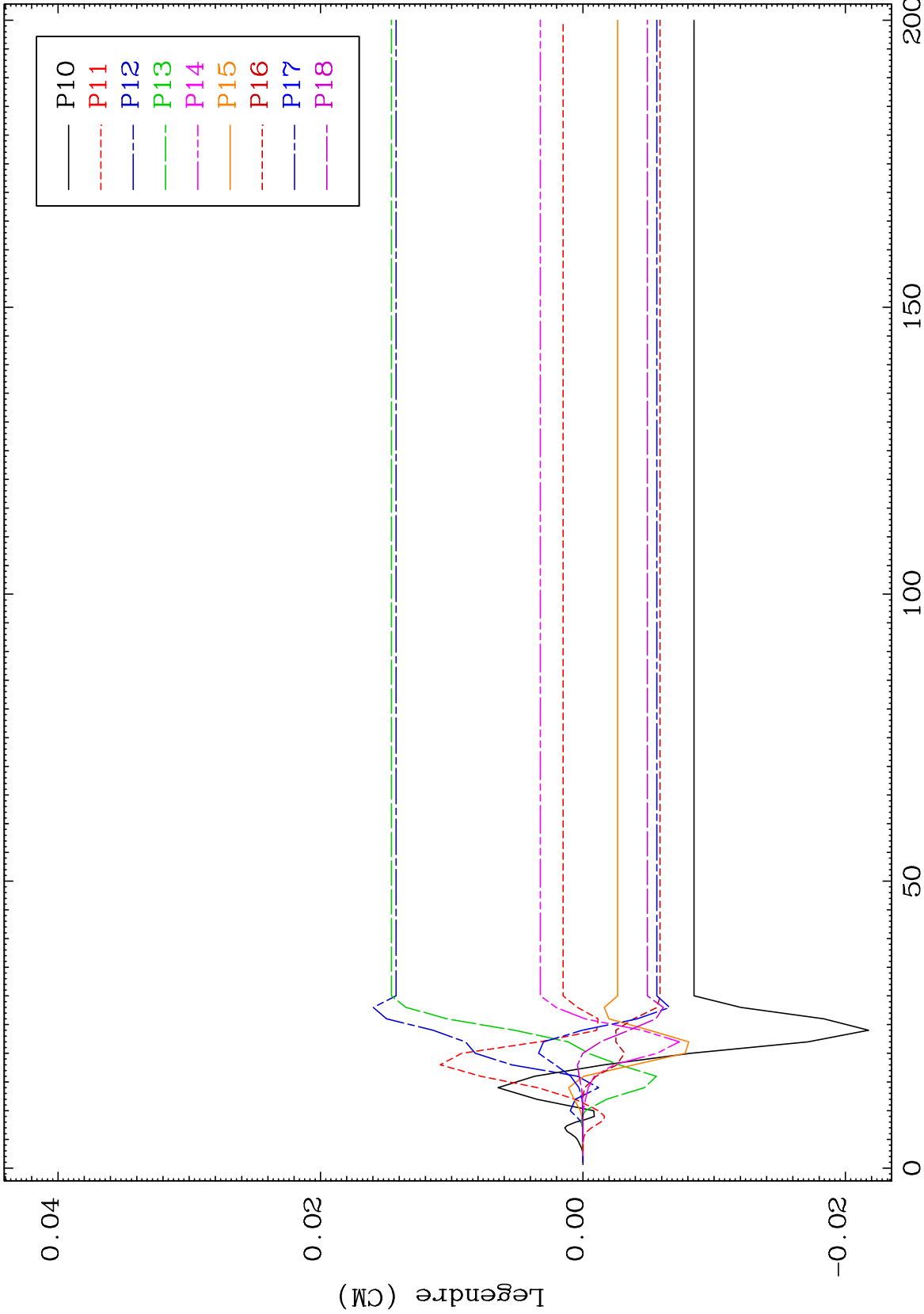
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



27

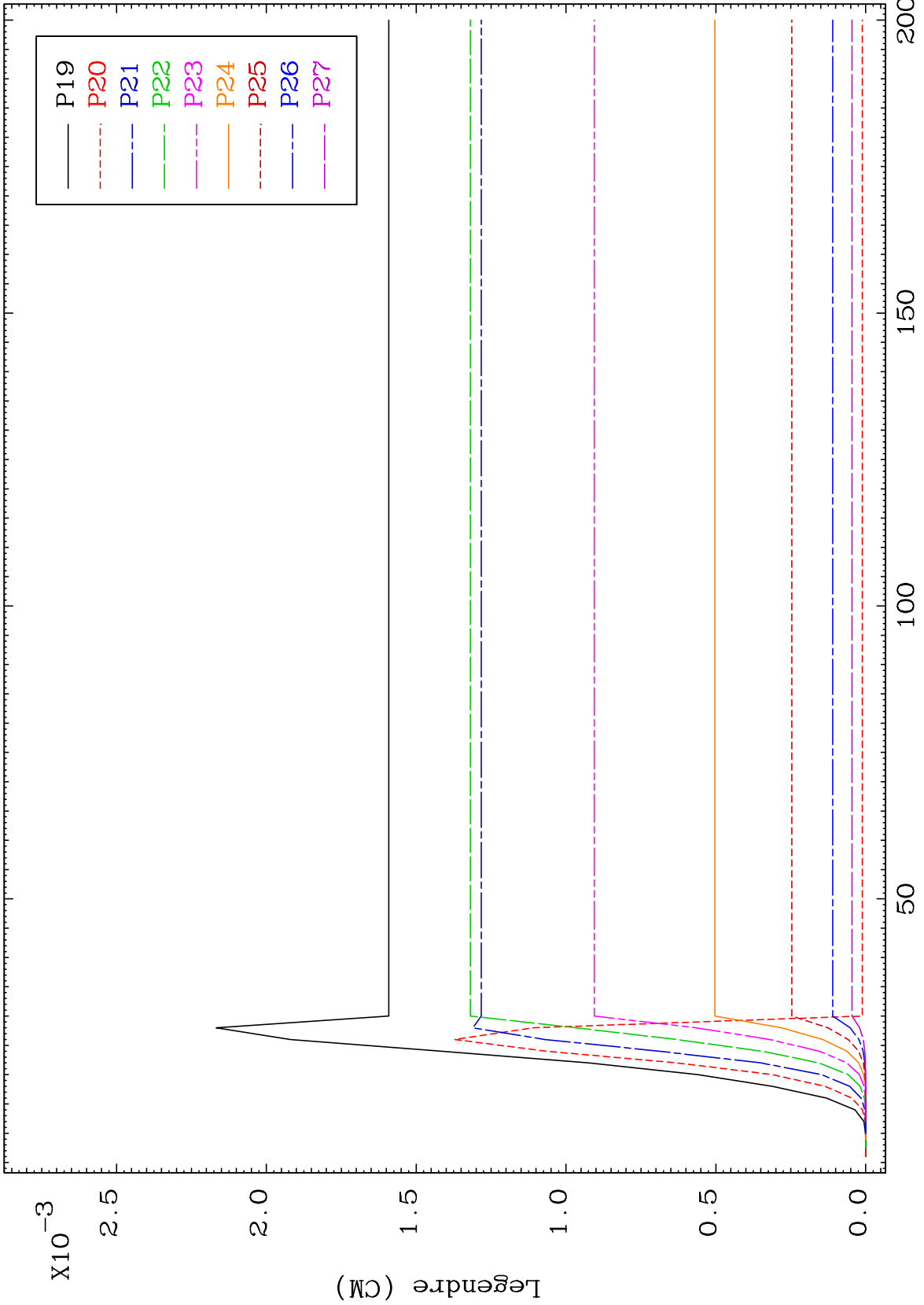
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



28

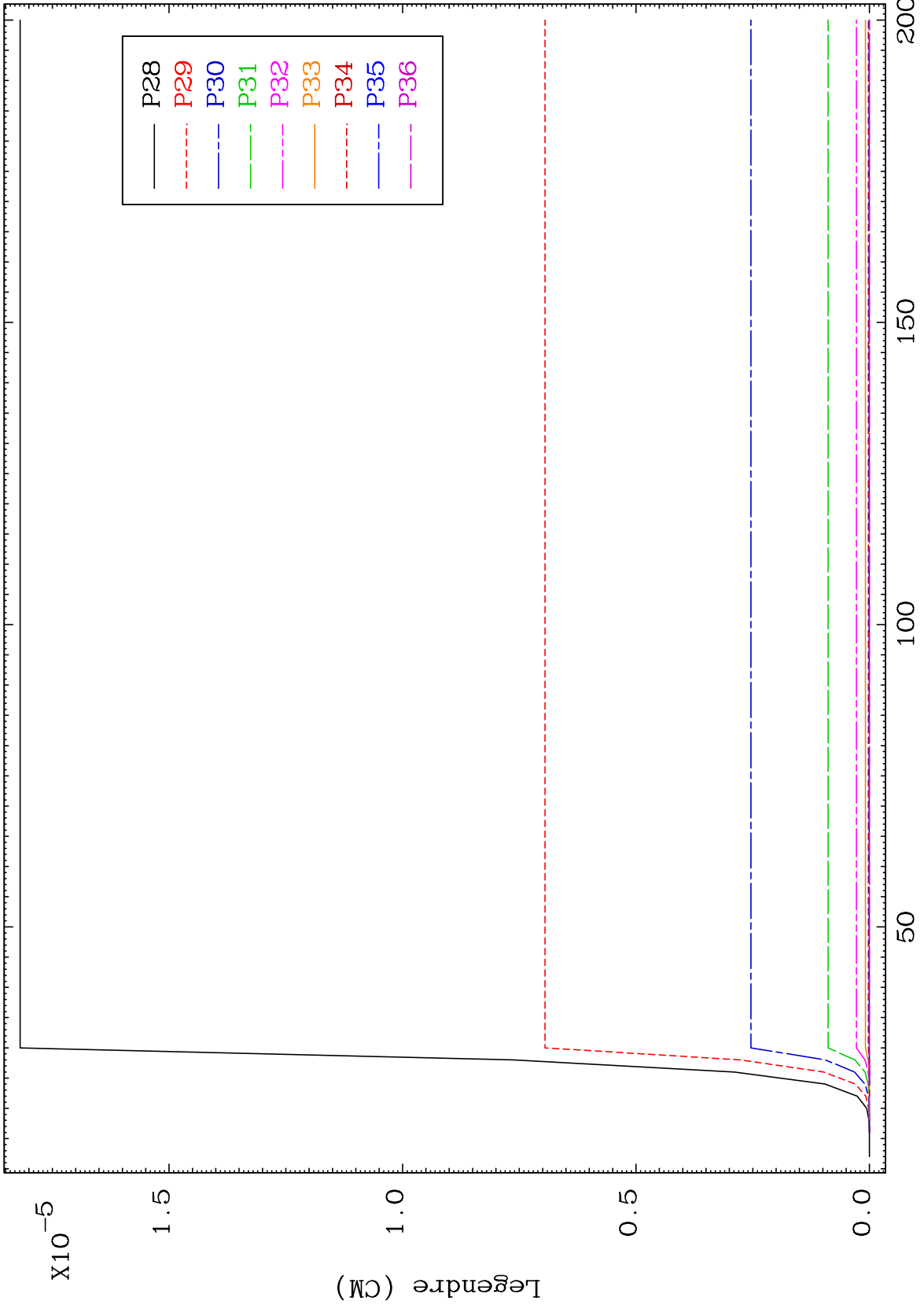
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



29

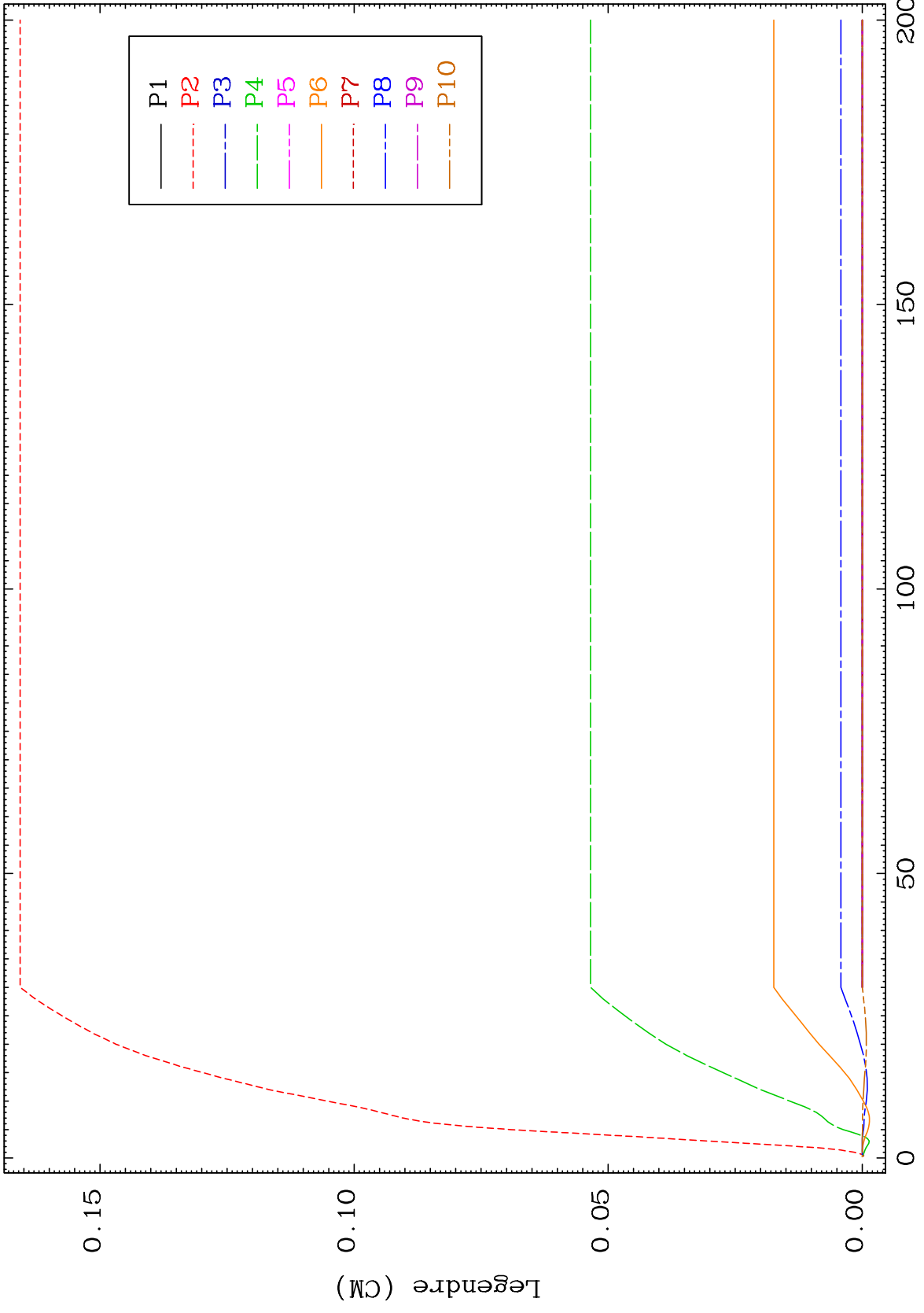
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



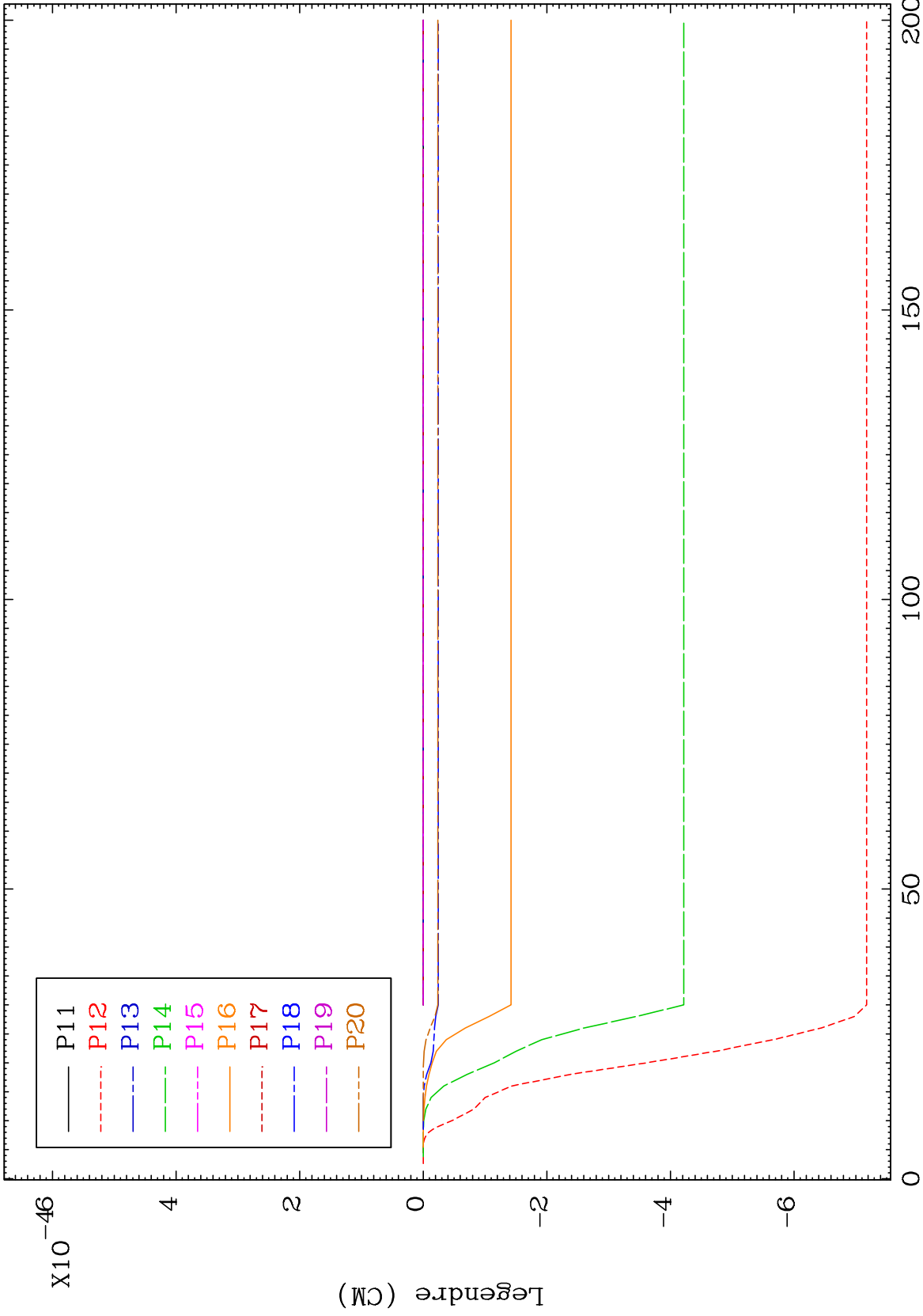
77-Ir-180

Incident Energy (MeV)

MAT 7692

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

77-Ir-180



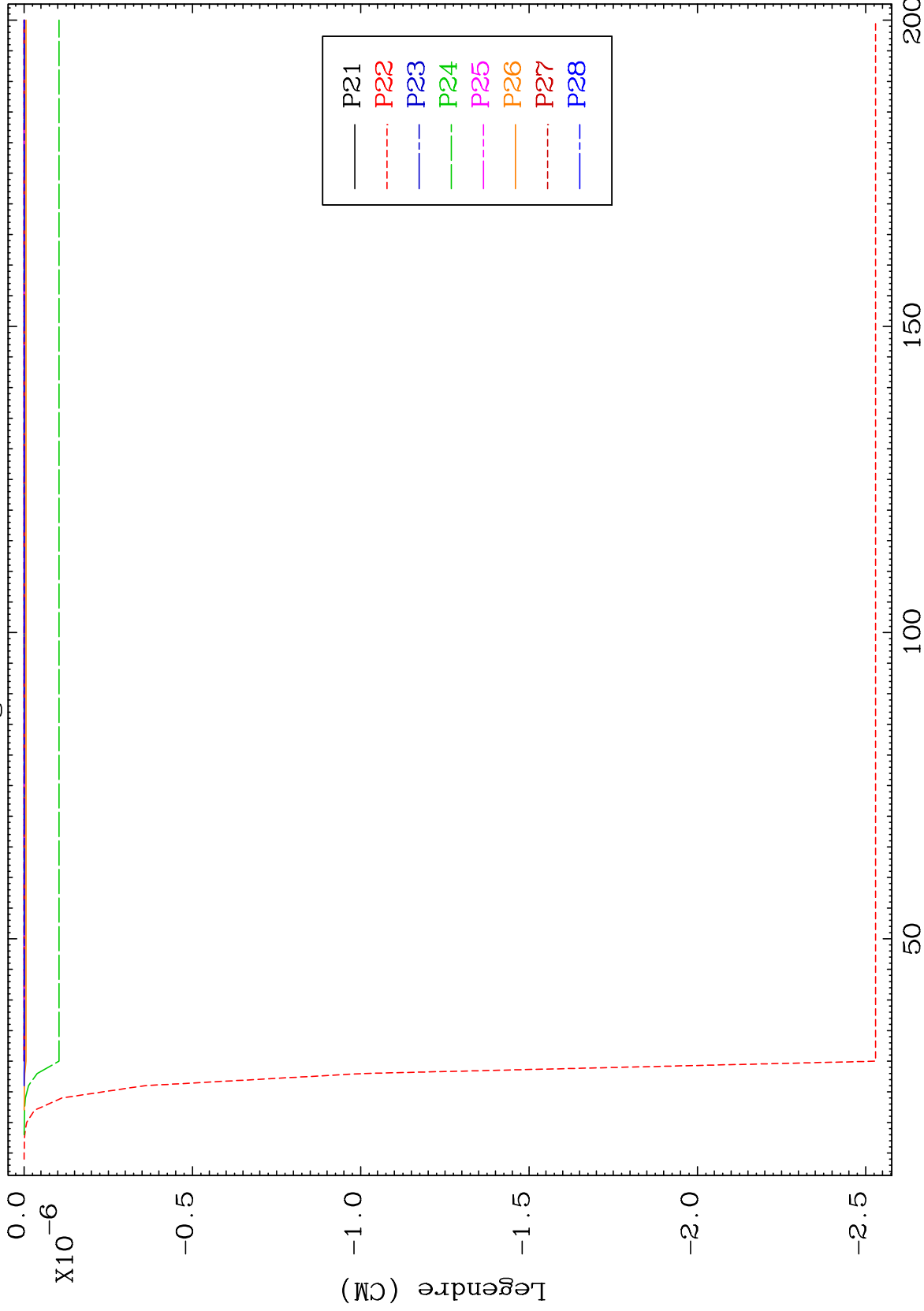
31

77-Ir-180

MAT 7692

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

77-Ir-180



32

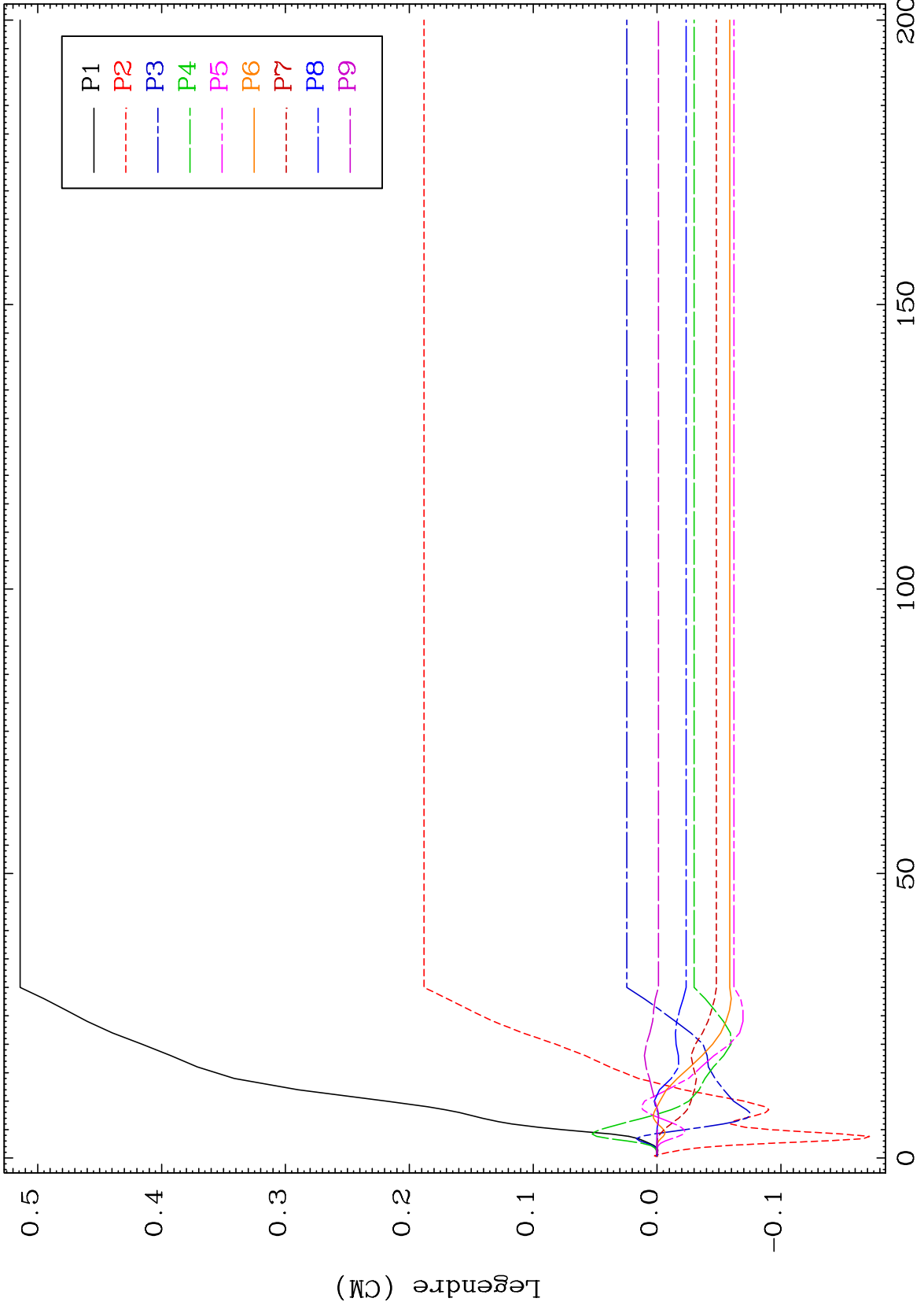
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180

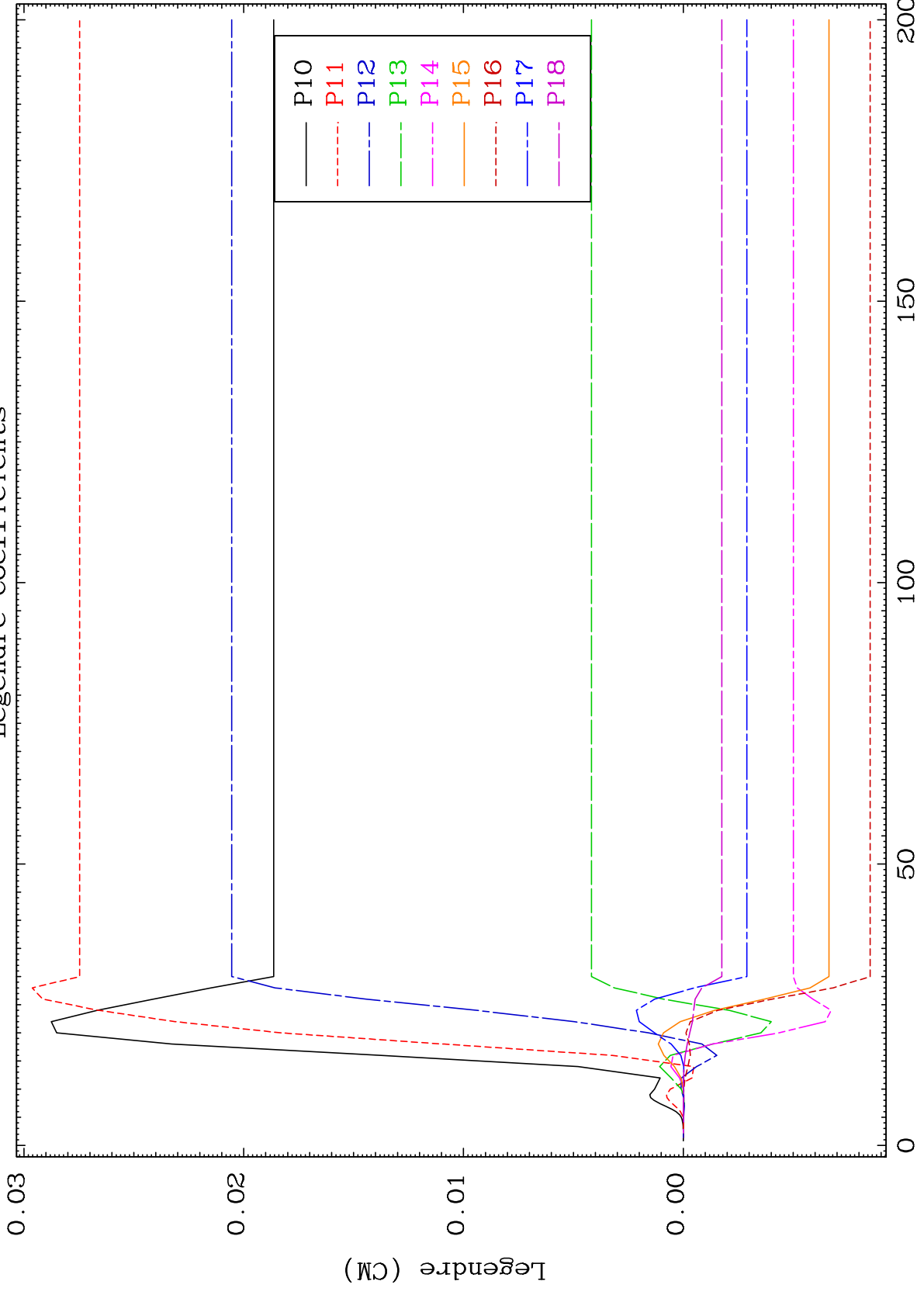


33

Incident Energy (MeV)

77-Ir-180

MAT 7692 MT= 55 (n,n') Level Legendre Coefficients 77-Ir-180

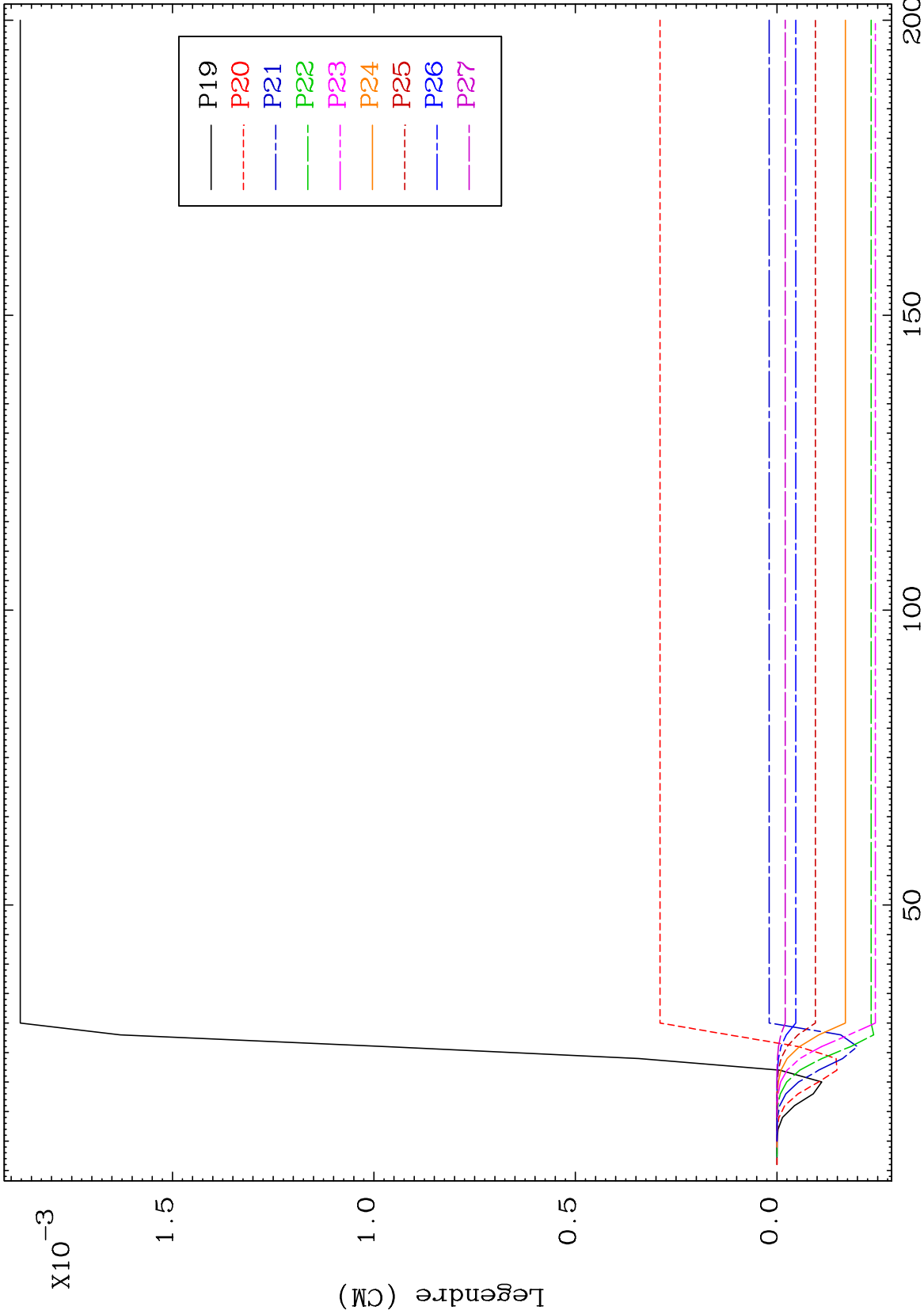


34 77-Ir-180

MAT 7692

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

77-Ir-180



35

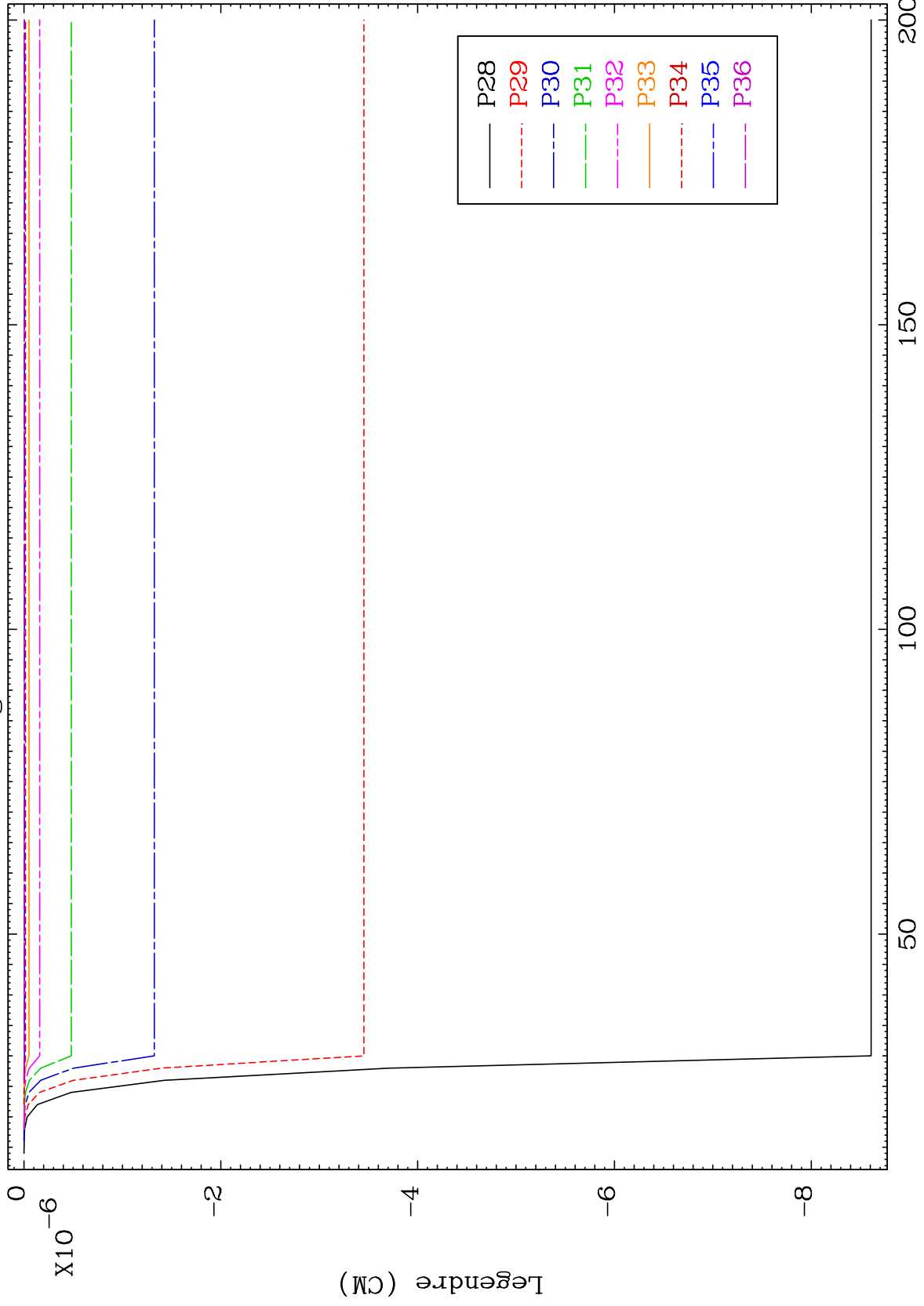
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



77-Ir-180

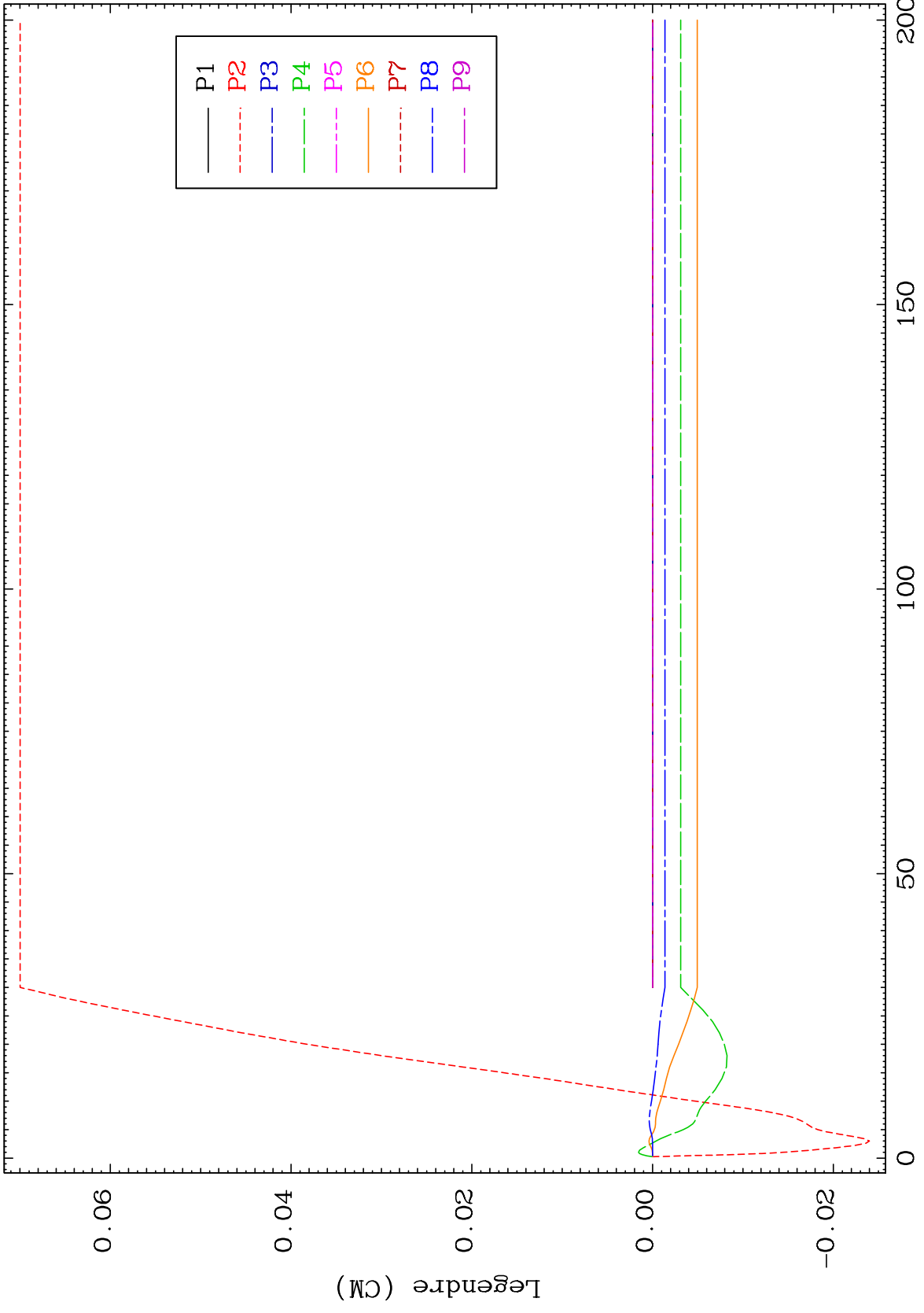
Incident Energy (MeV)

36

MAT 7692

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

77-Ir-180



37

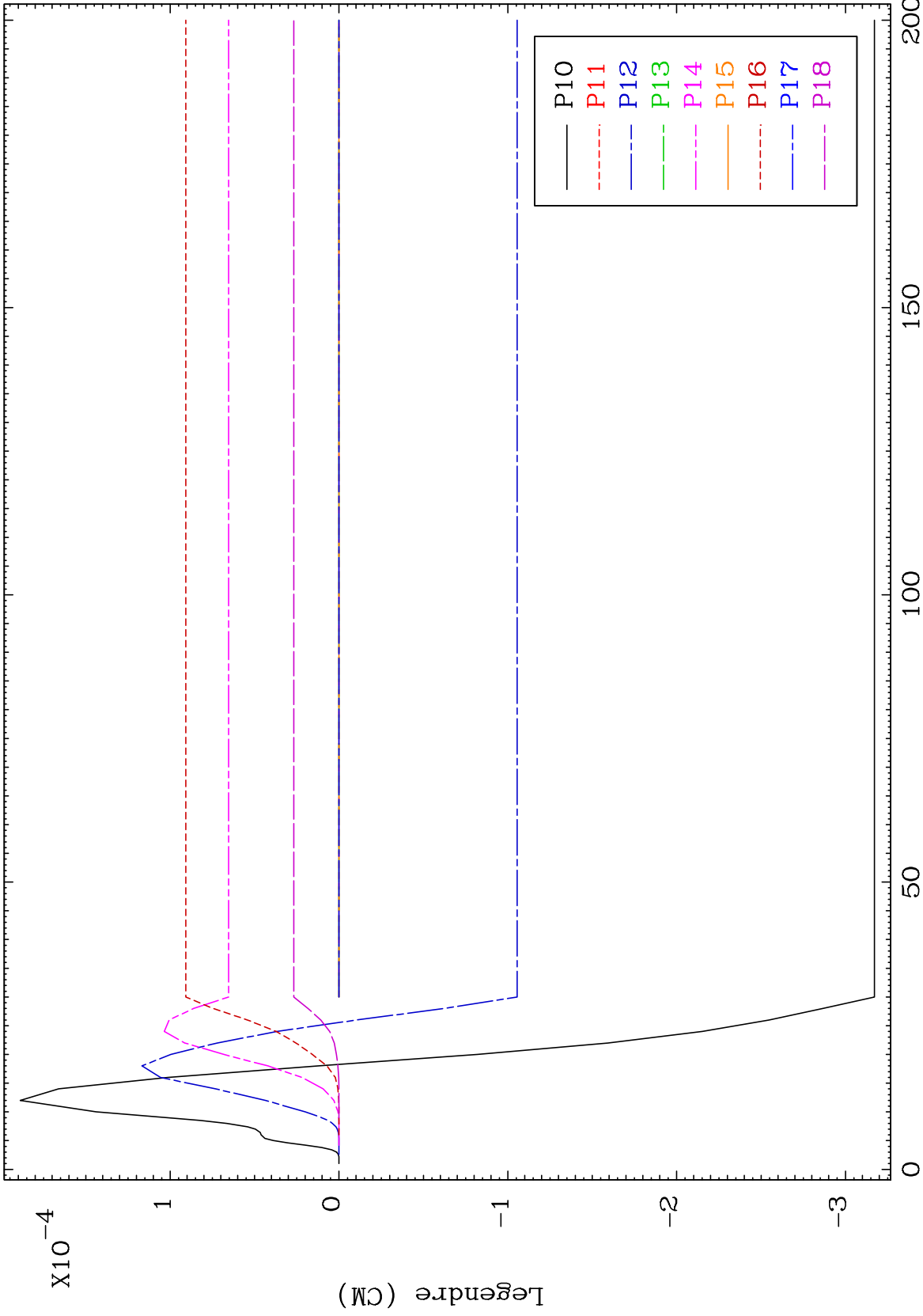
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



38

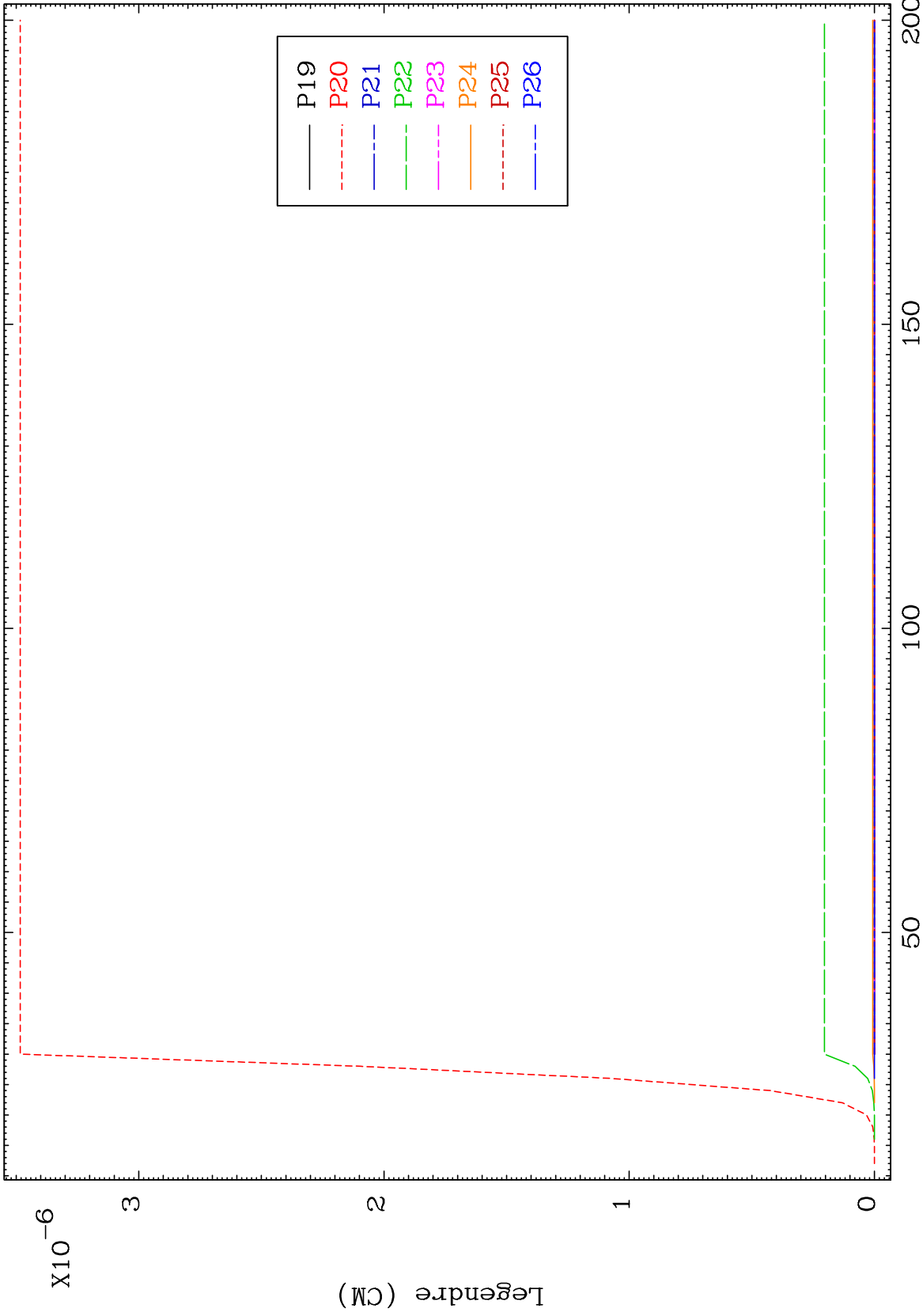
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



39

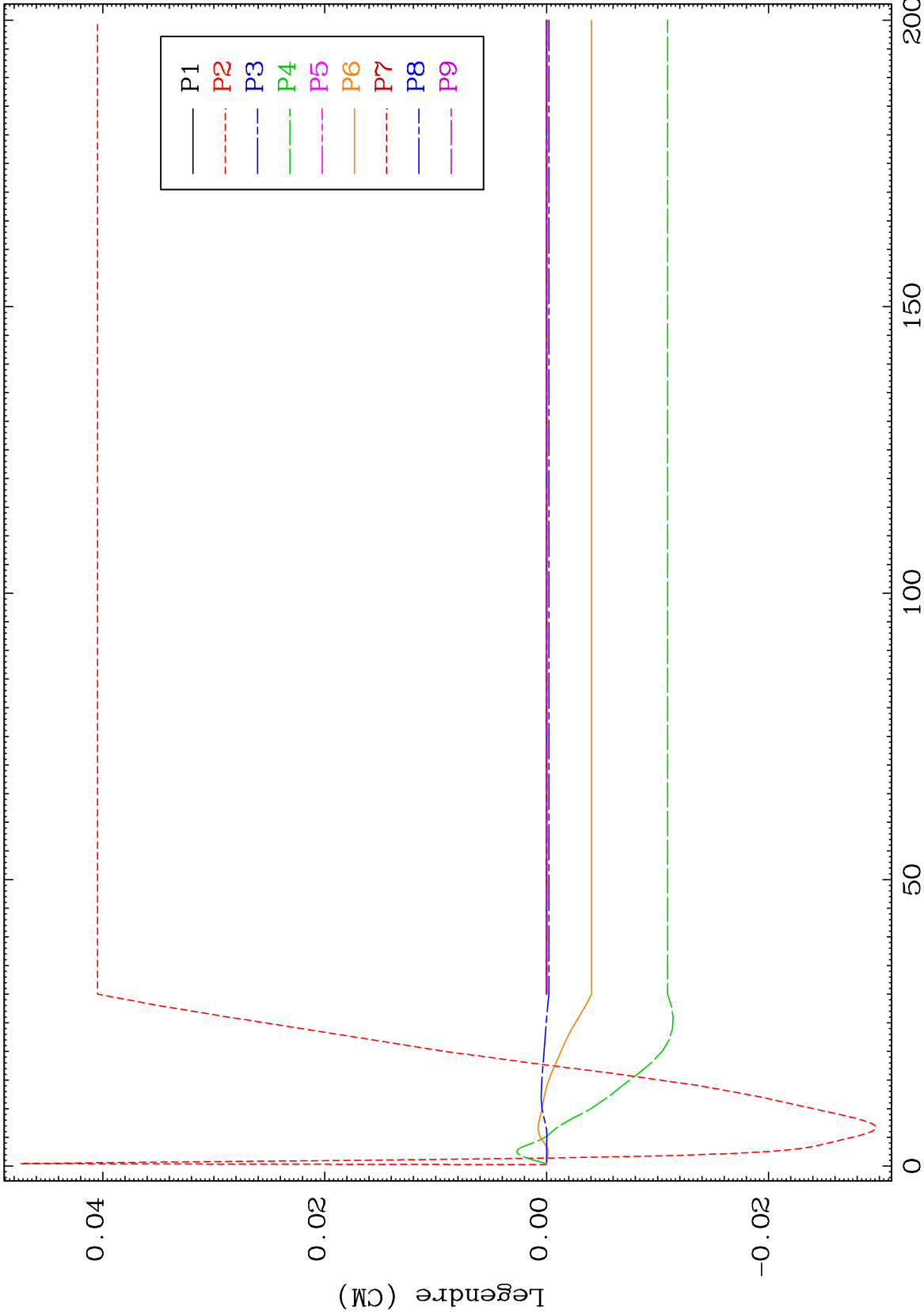
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



77-Ir-180

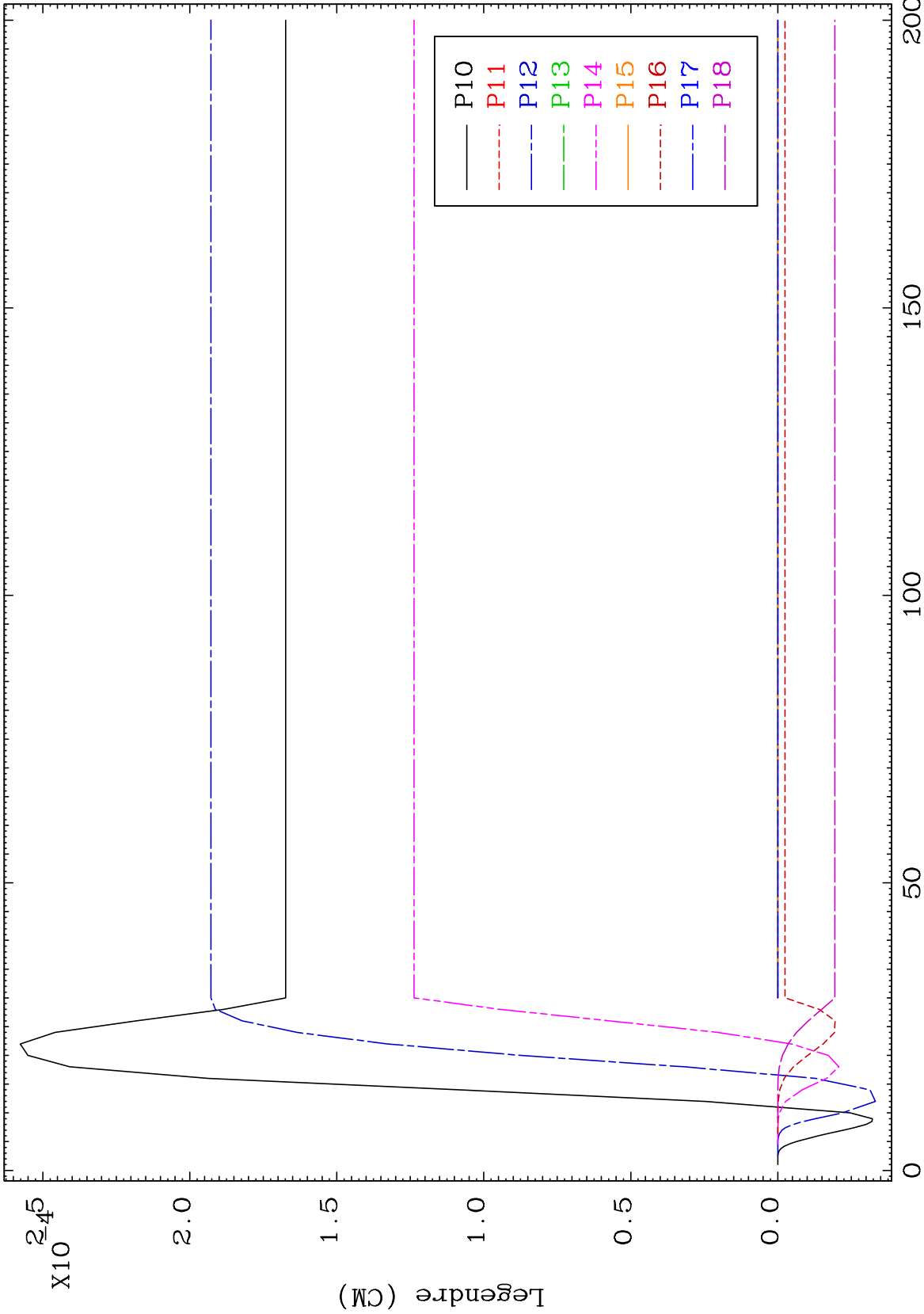
Incident Energy (MeV)

40

MAT 7692

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

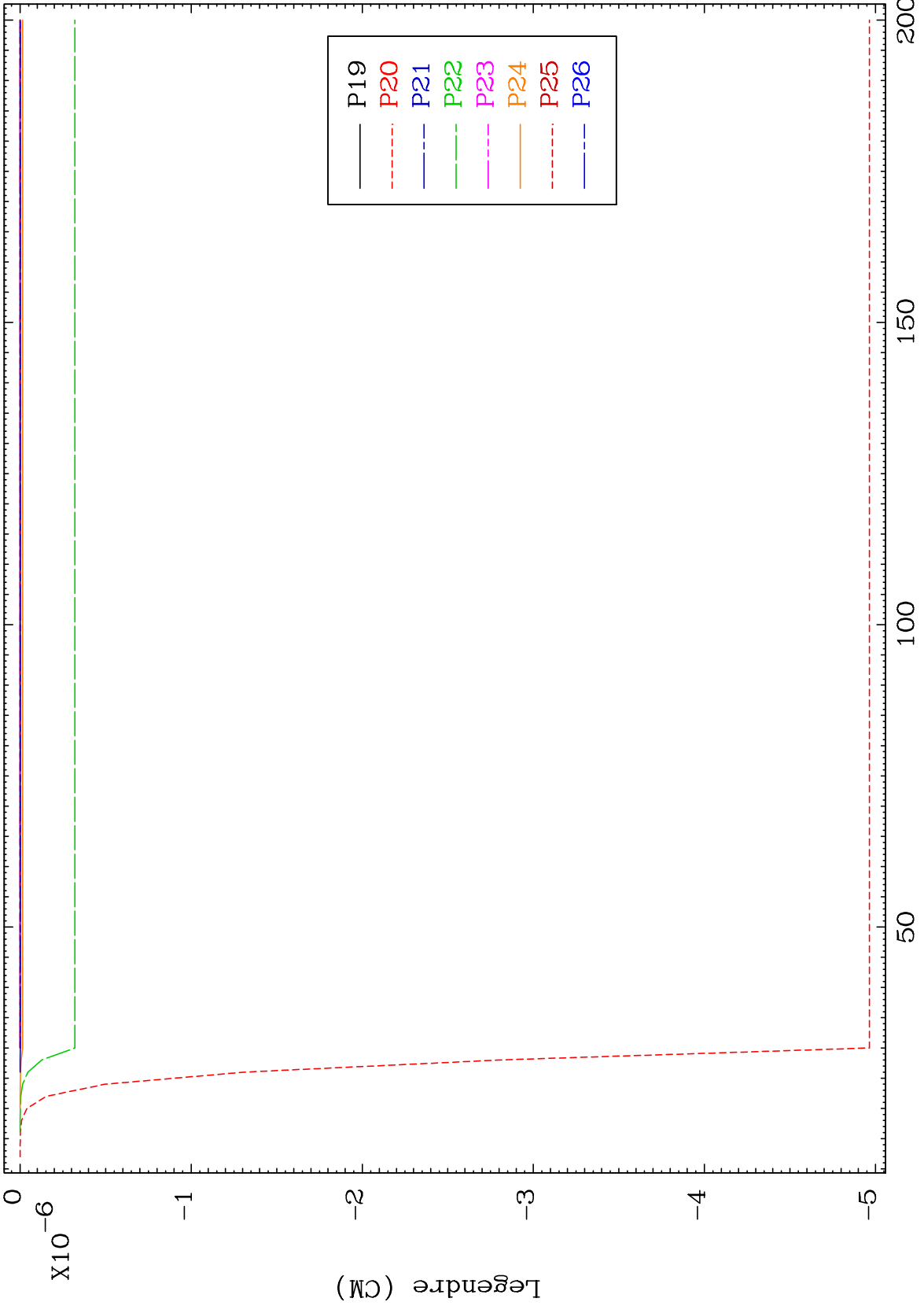
77-Ir-180



41

77-Ir-180

MAT 7692 MT= 57 (n,n') Level Legendre Coefficients 77-Ir-180

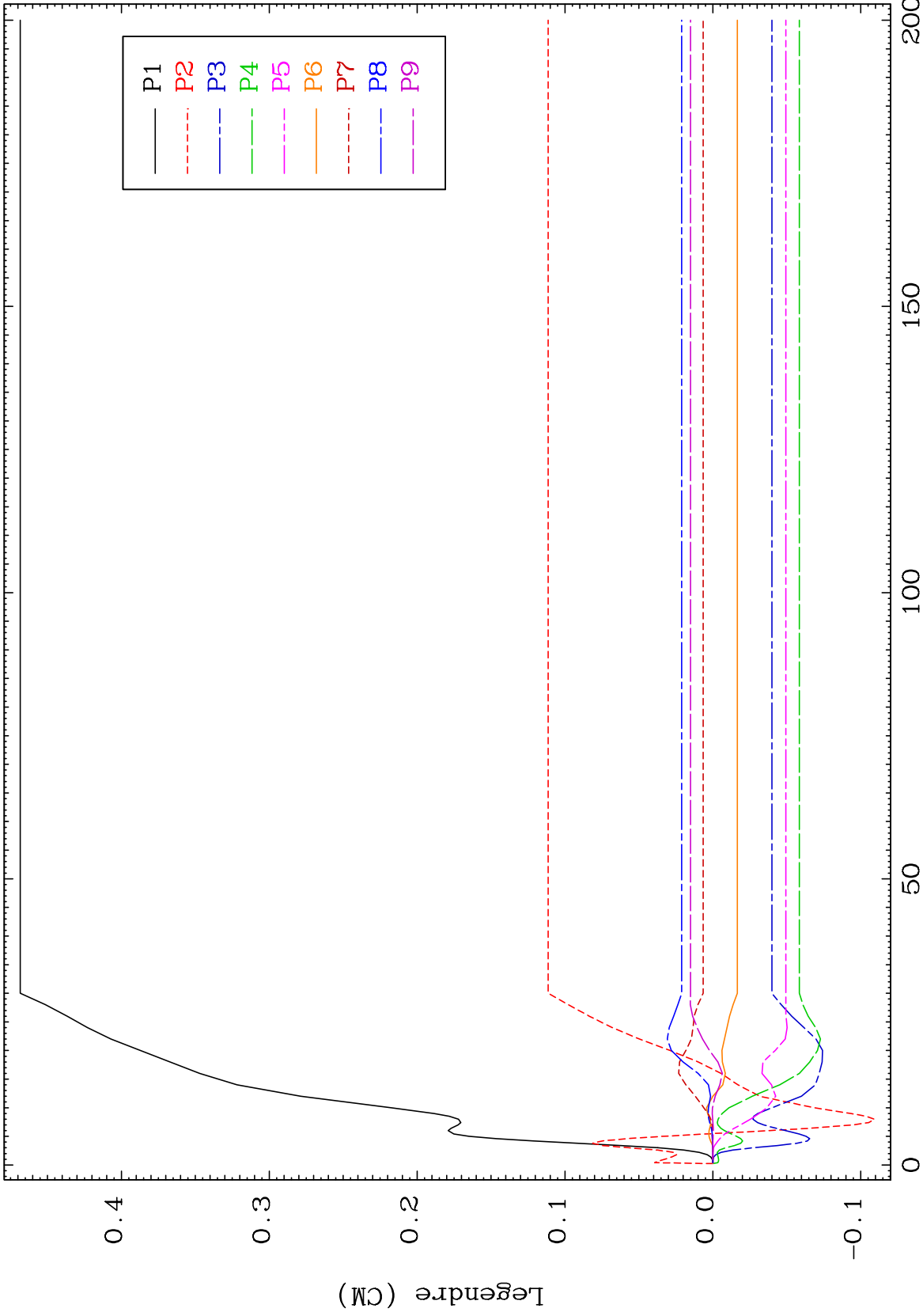


42 77-Ir-180

MAT 7692

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

77-Ir-180



43

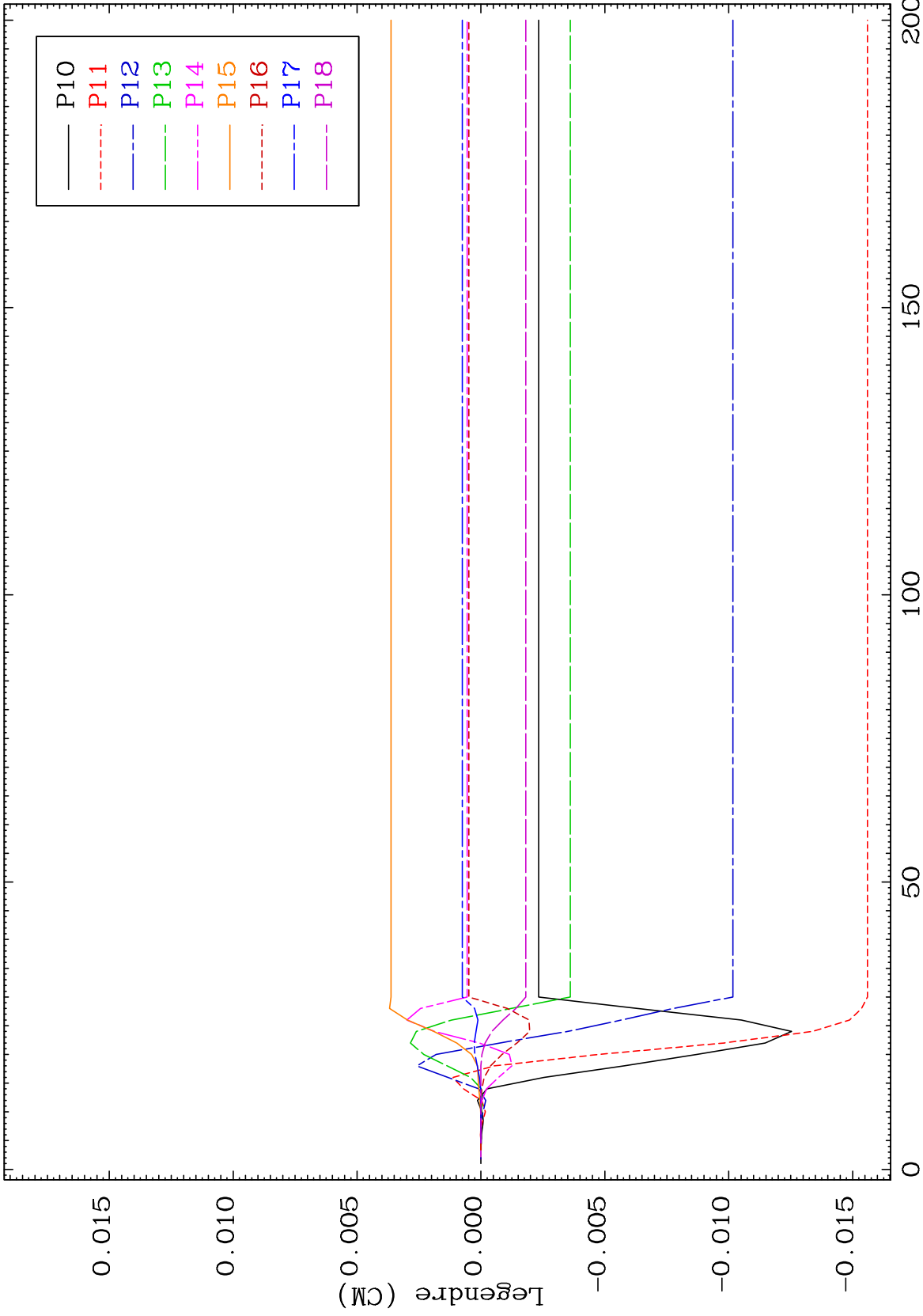
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



44

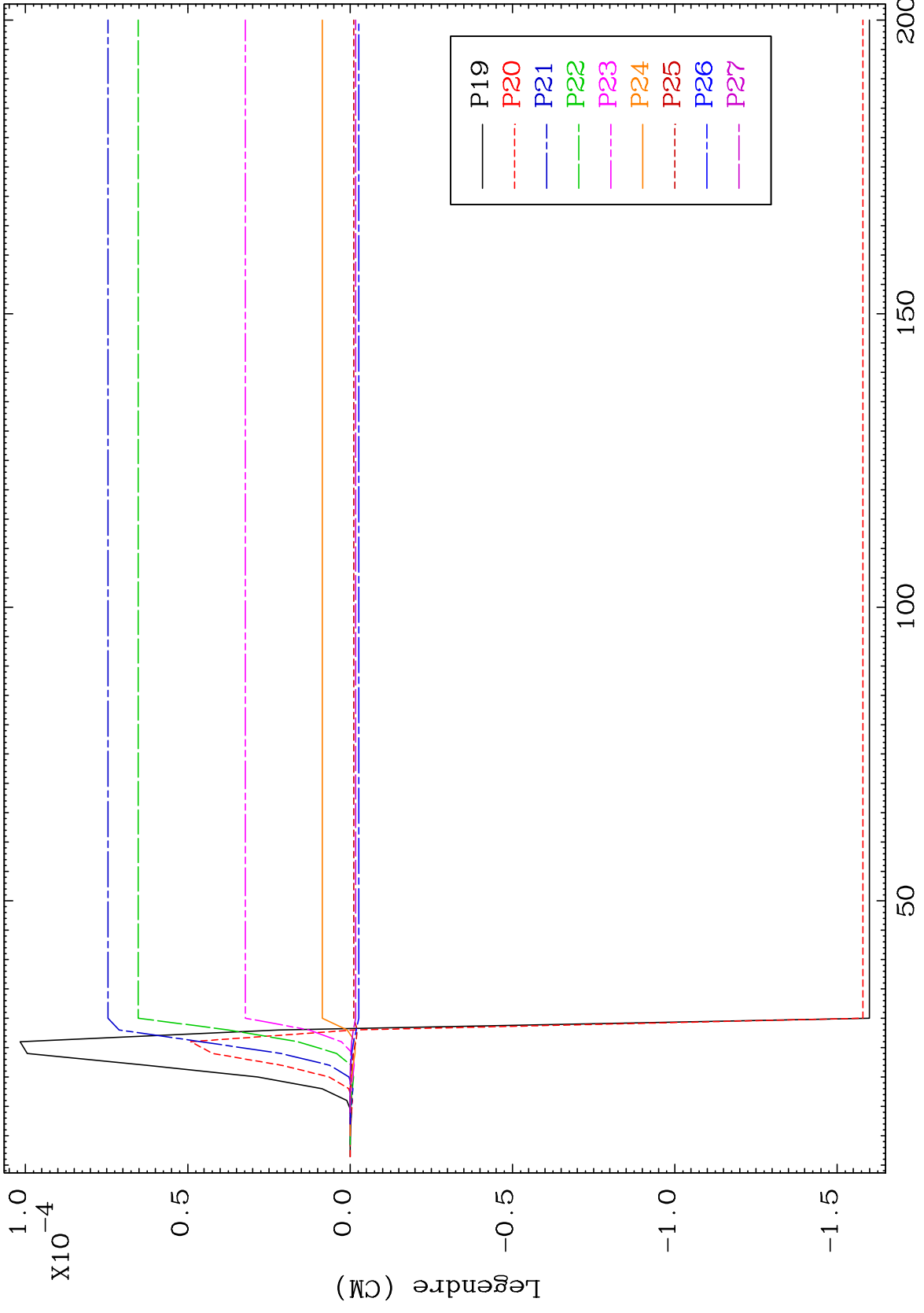
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180

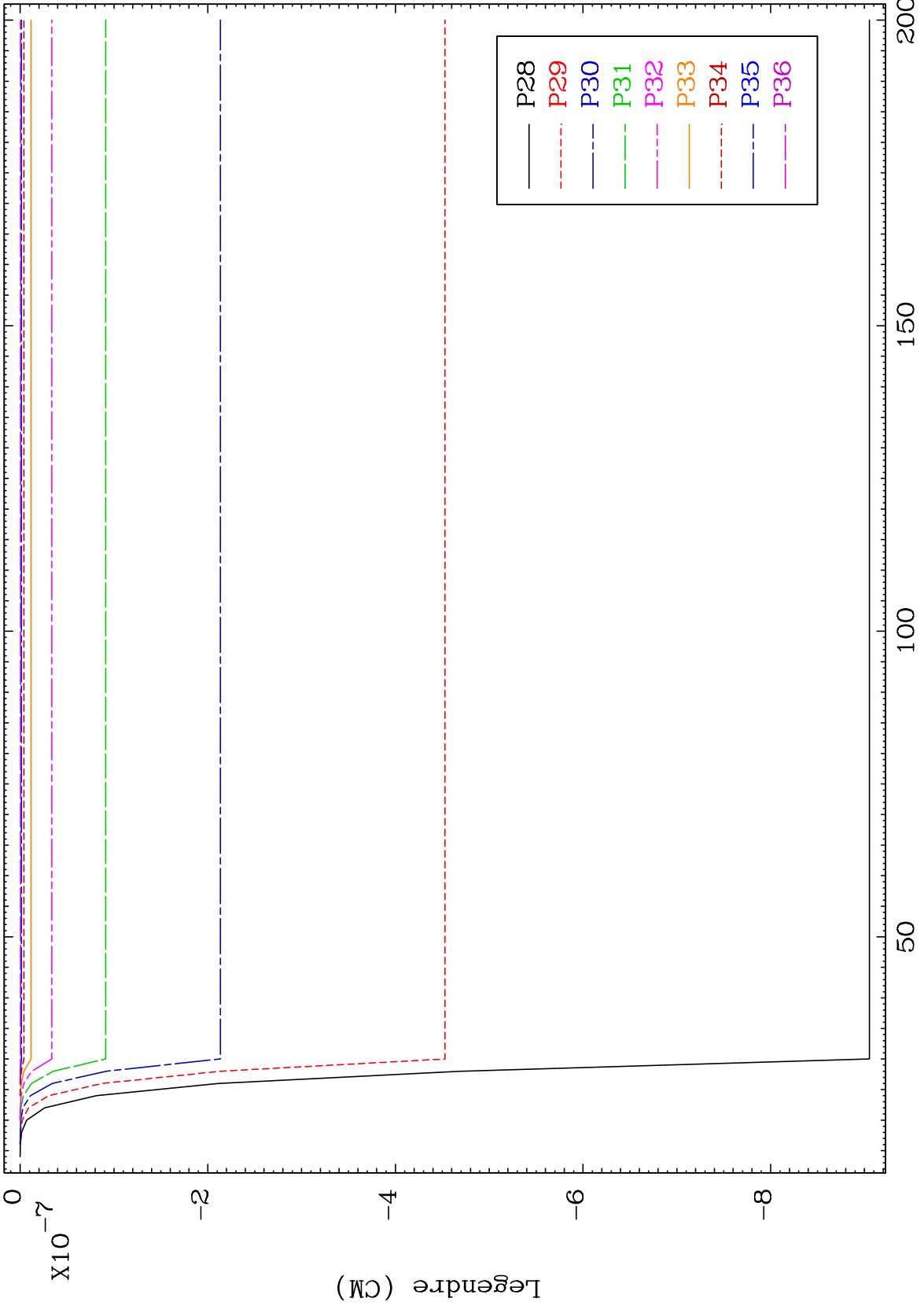


45

Incident Energy (MeV)

77-Ir-180

MAT 7692 MT= 58 (n,n') Level Legendre Coefficients 77-Ir-180

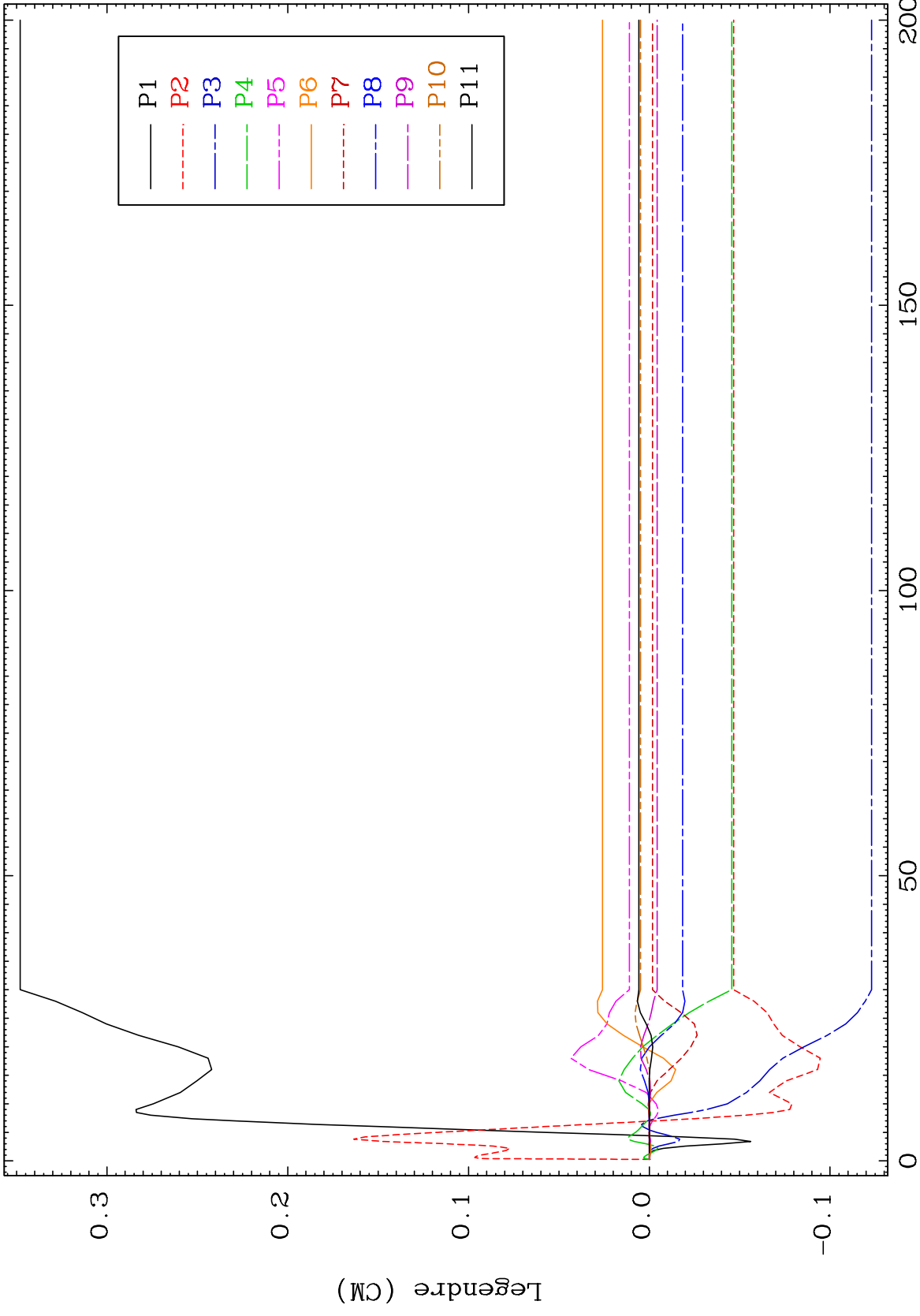


46 Incident Energy (MeV) 77-Ir-180

MAT 7692

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

77-Ir-180



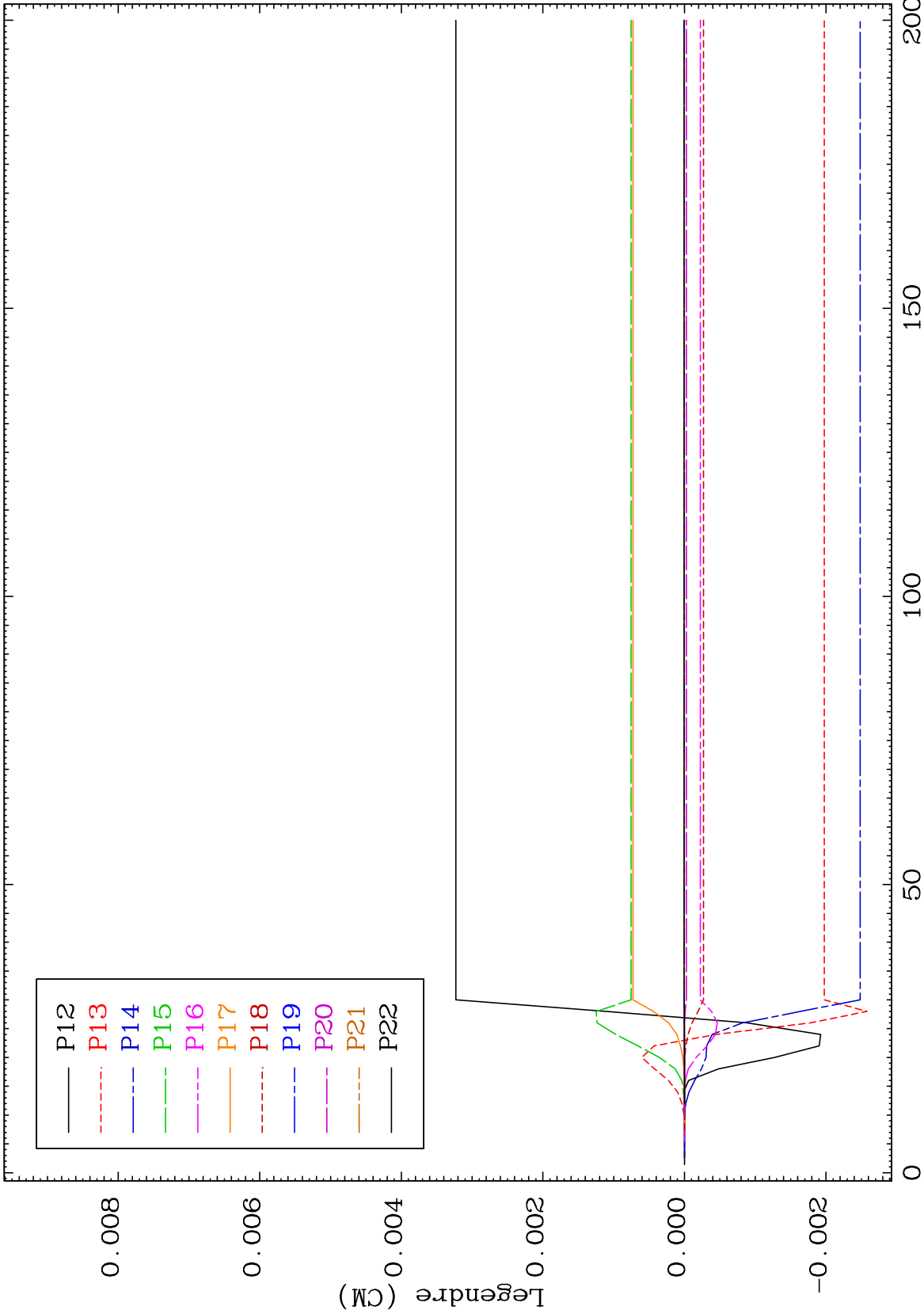
47

77-Ir-180

MAT 7692

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

77-Ir-180



48

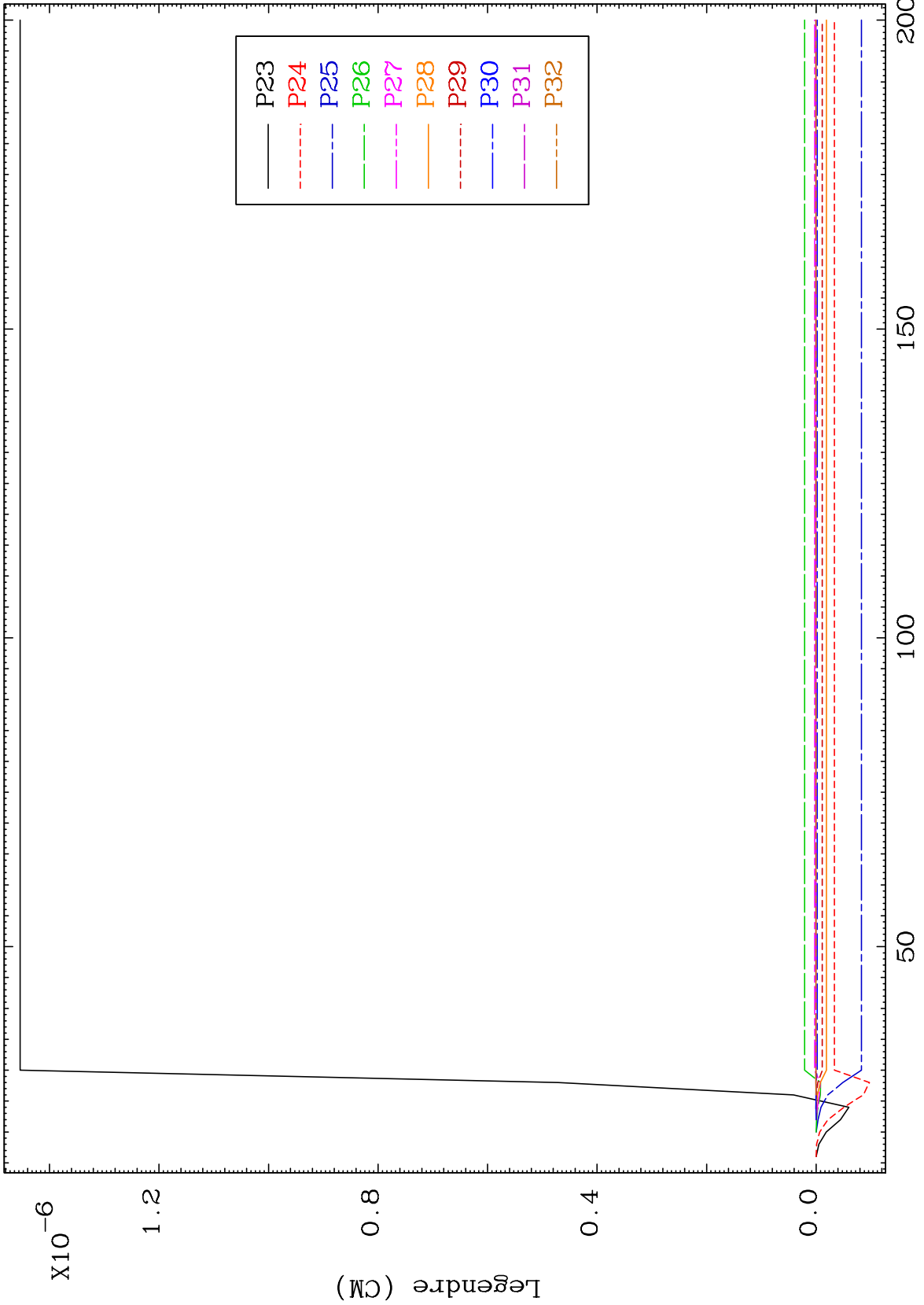
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



49

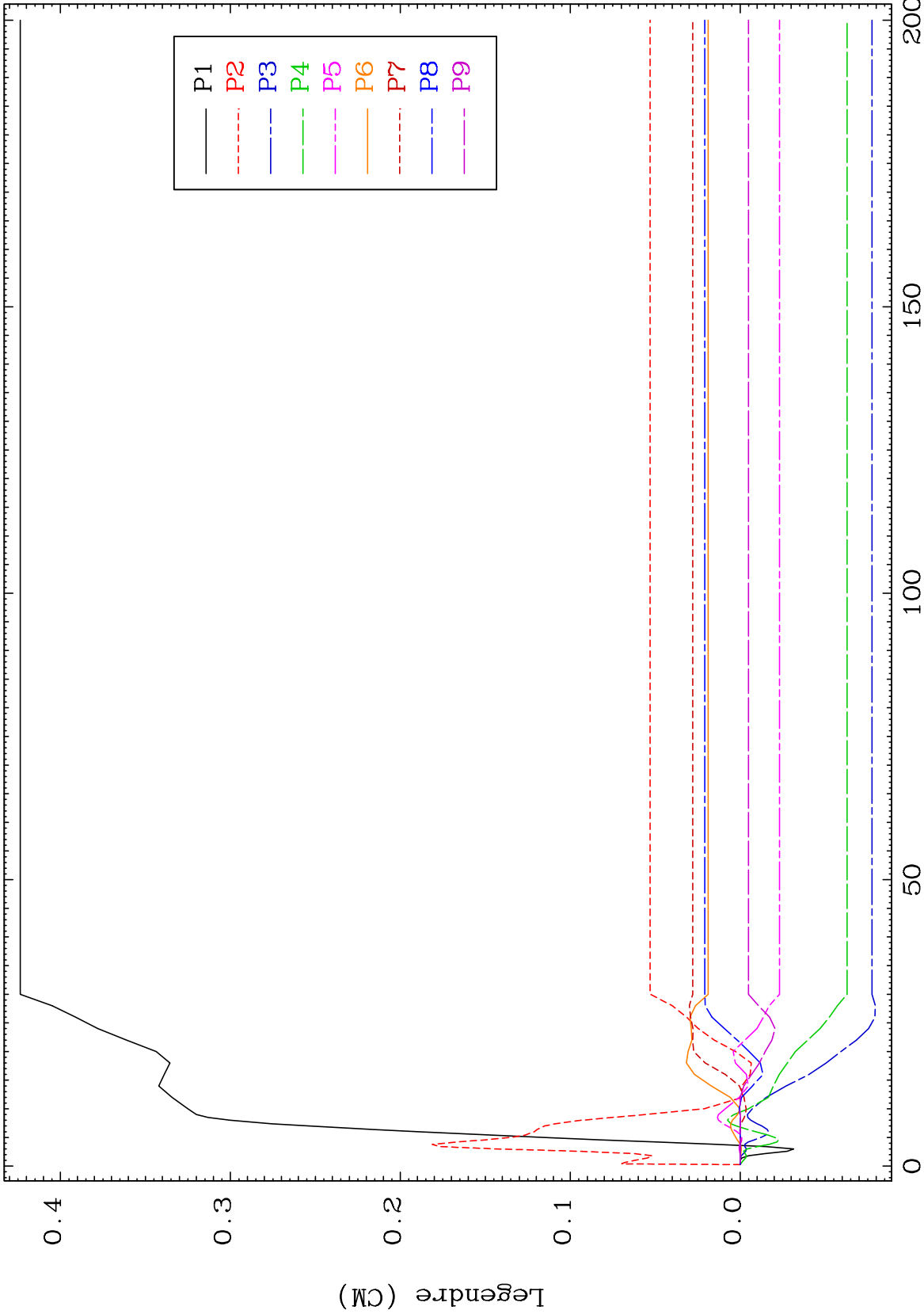
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



77-Ir-180

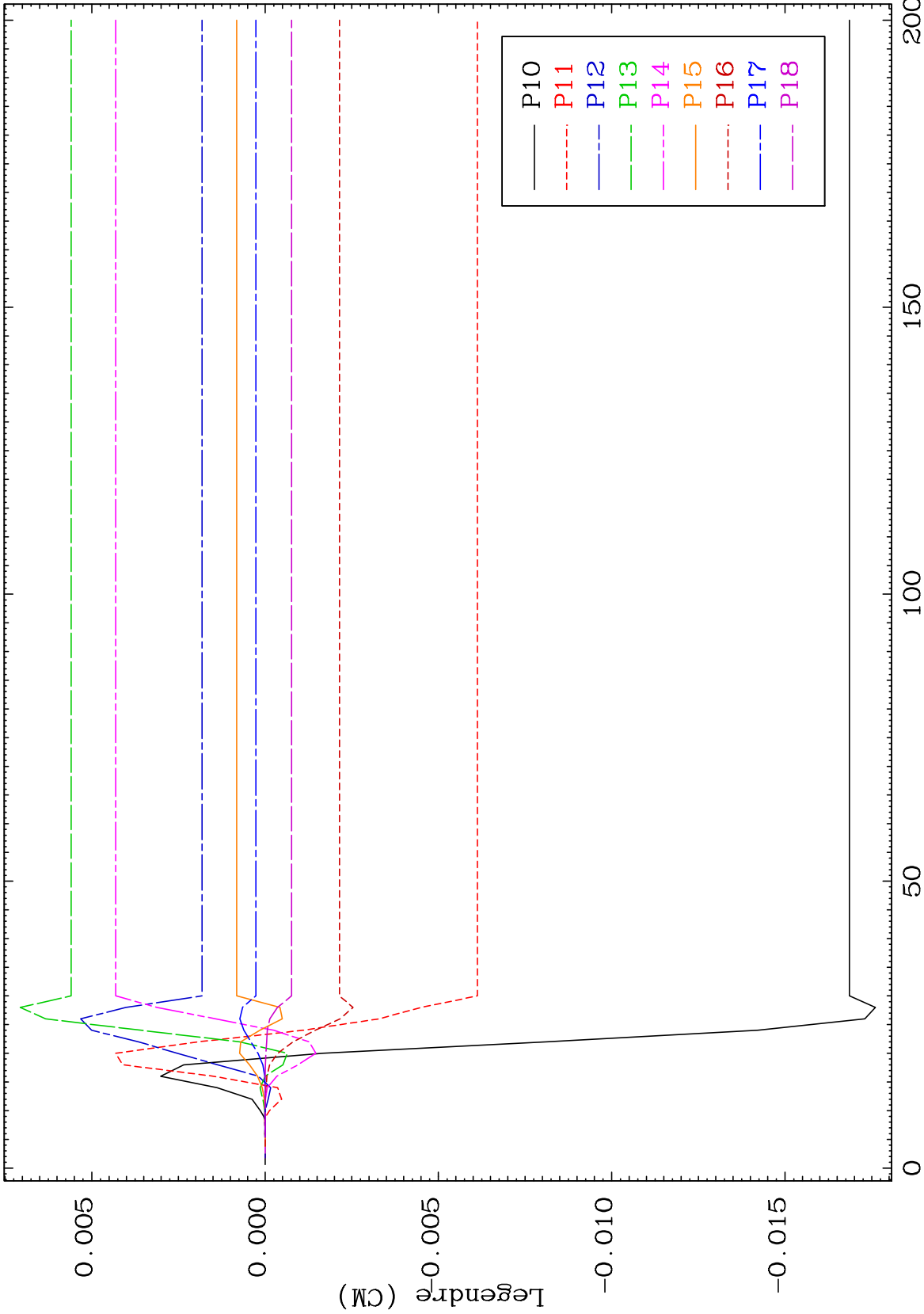
Incident Energy (MeV)

50

MAT 7692

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

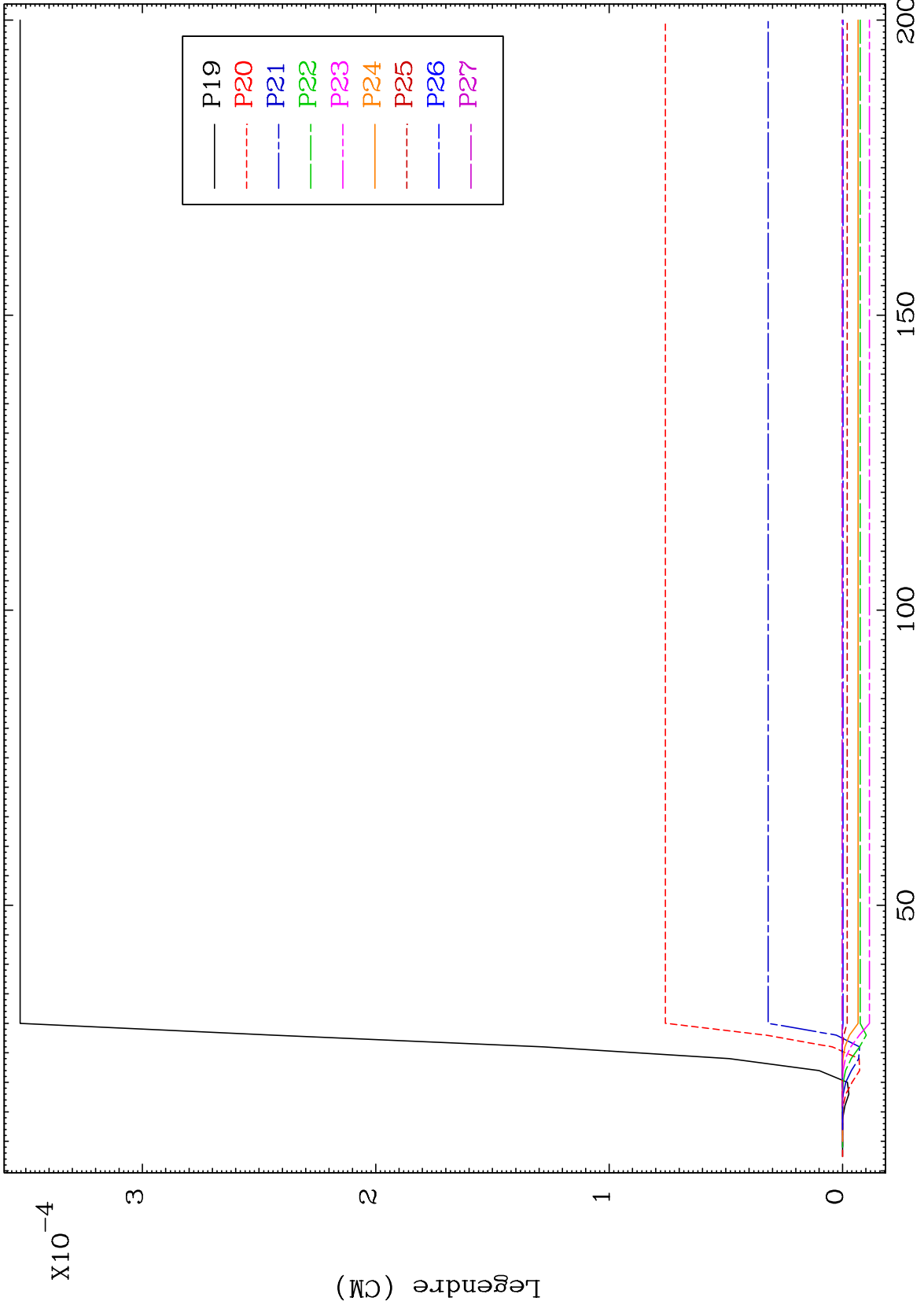
77-Ir-180



MAT 7692

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

77-Ir-180



52

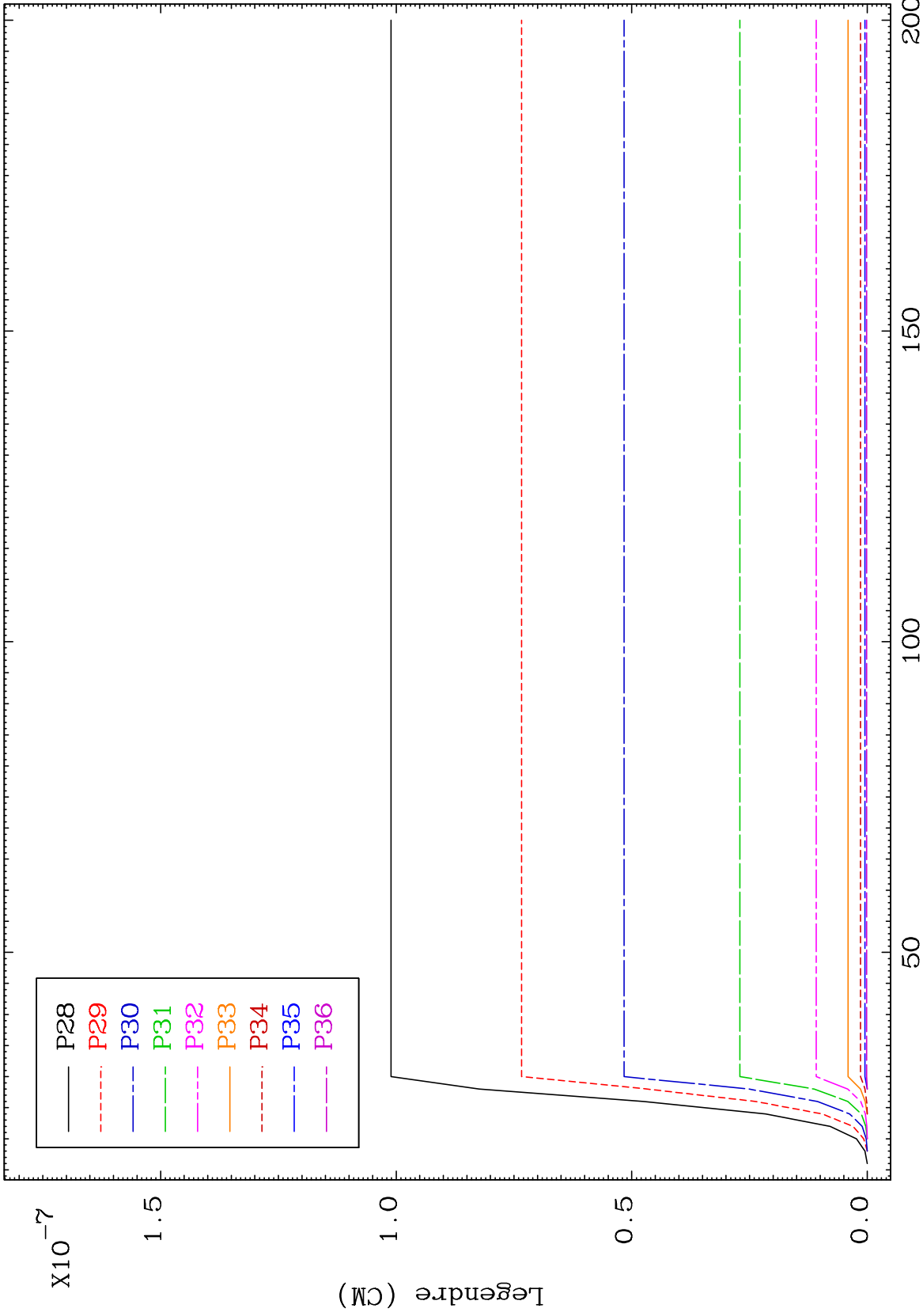
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



53

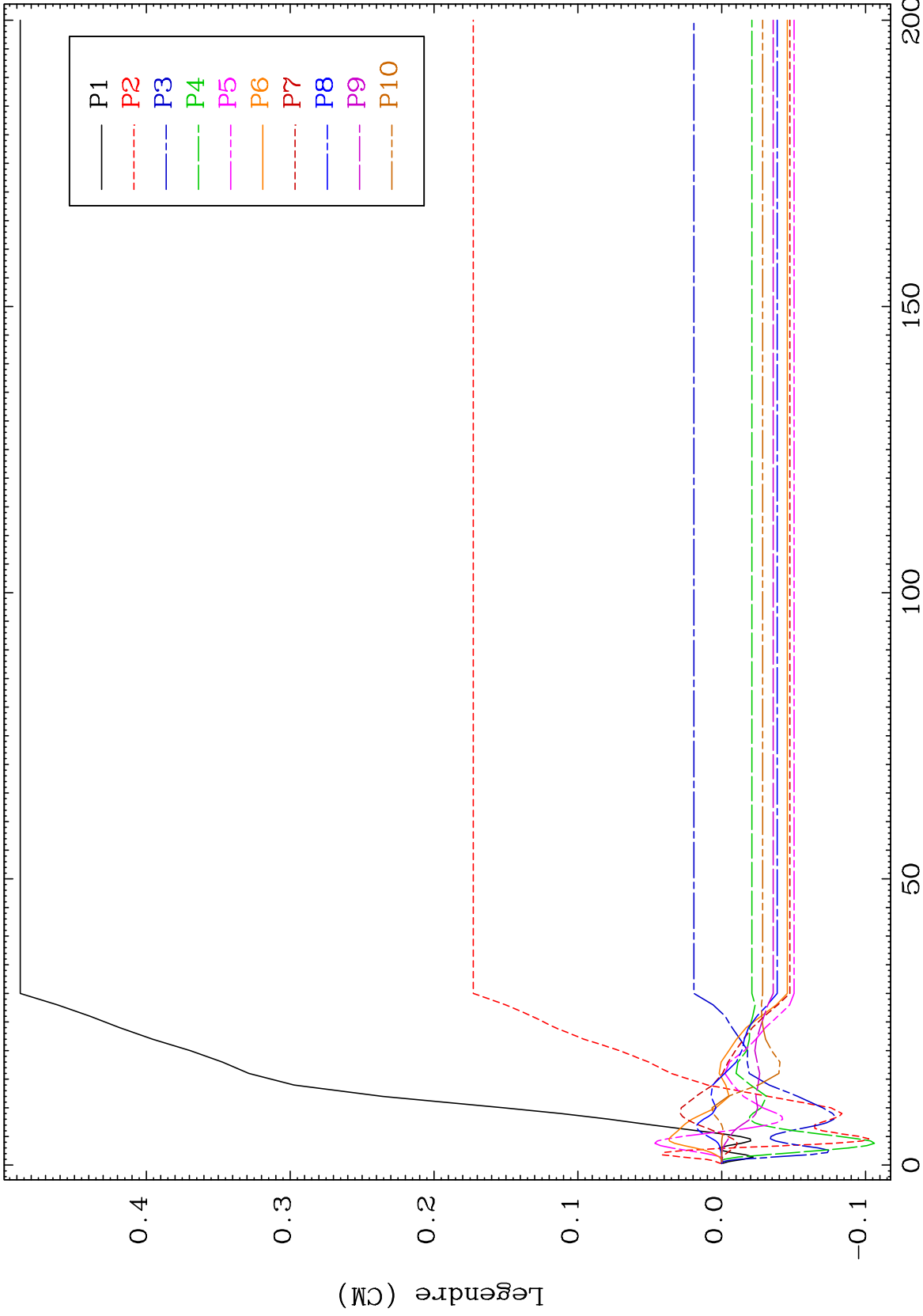
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



54

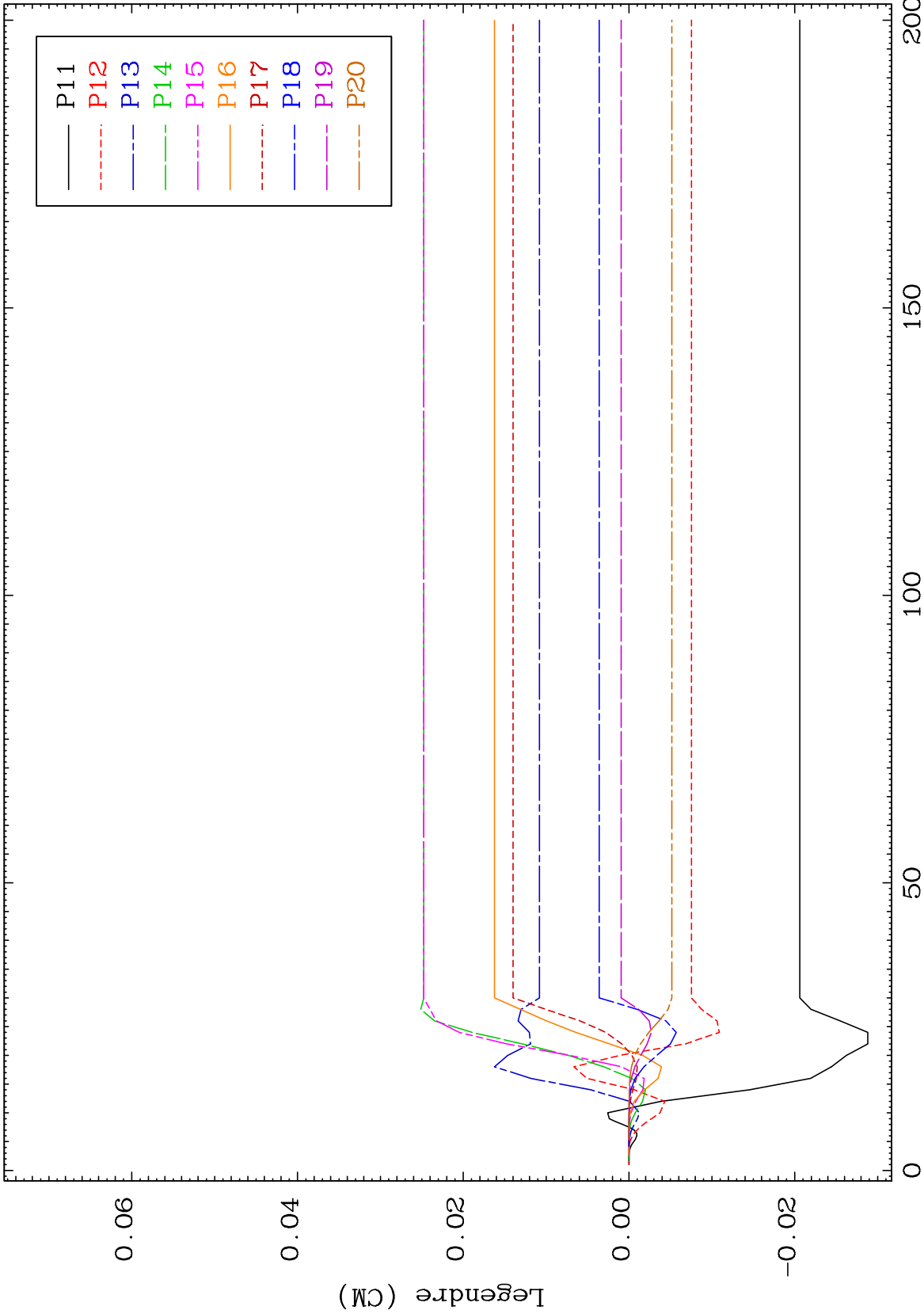
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



55

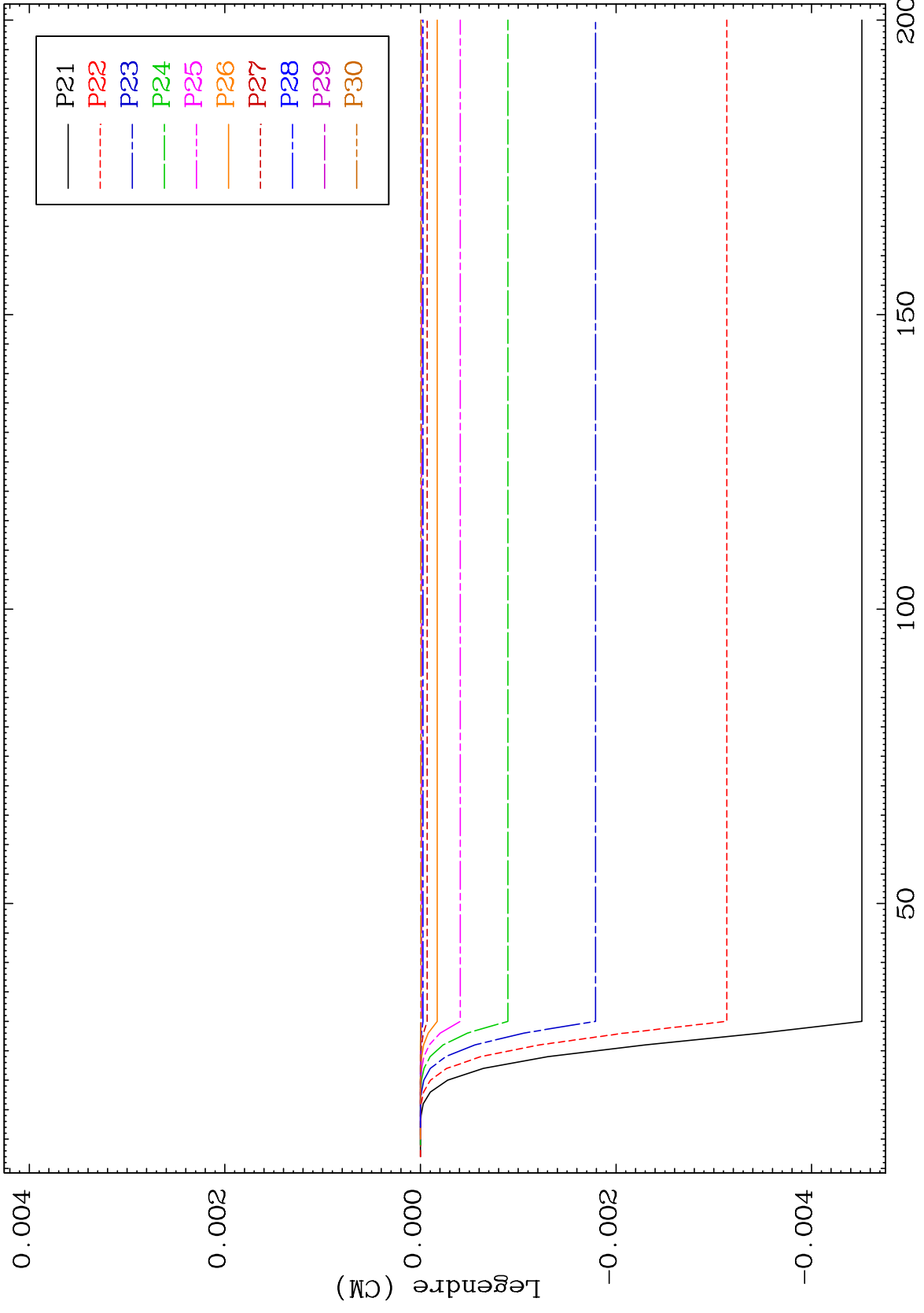
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



56

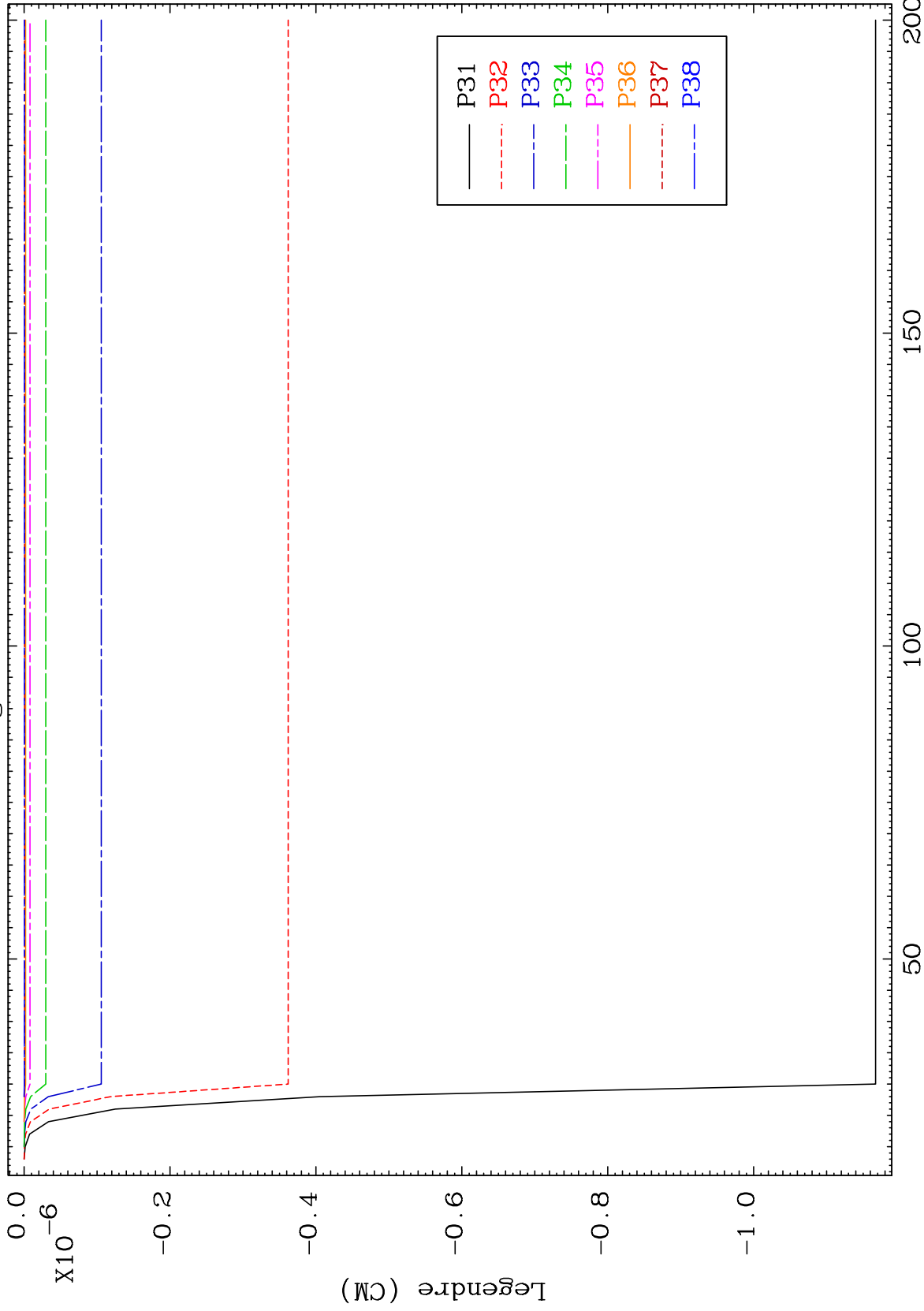
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180

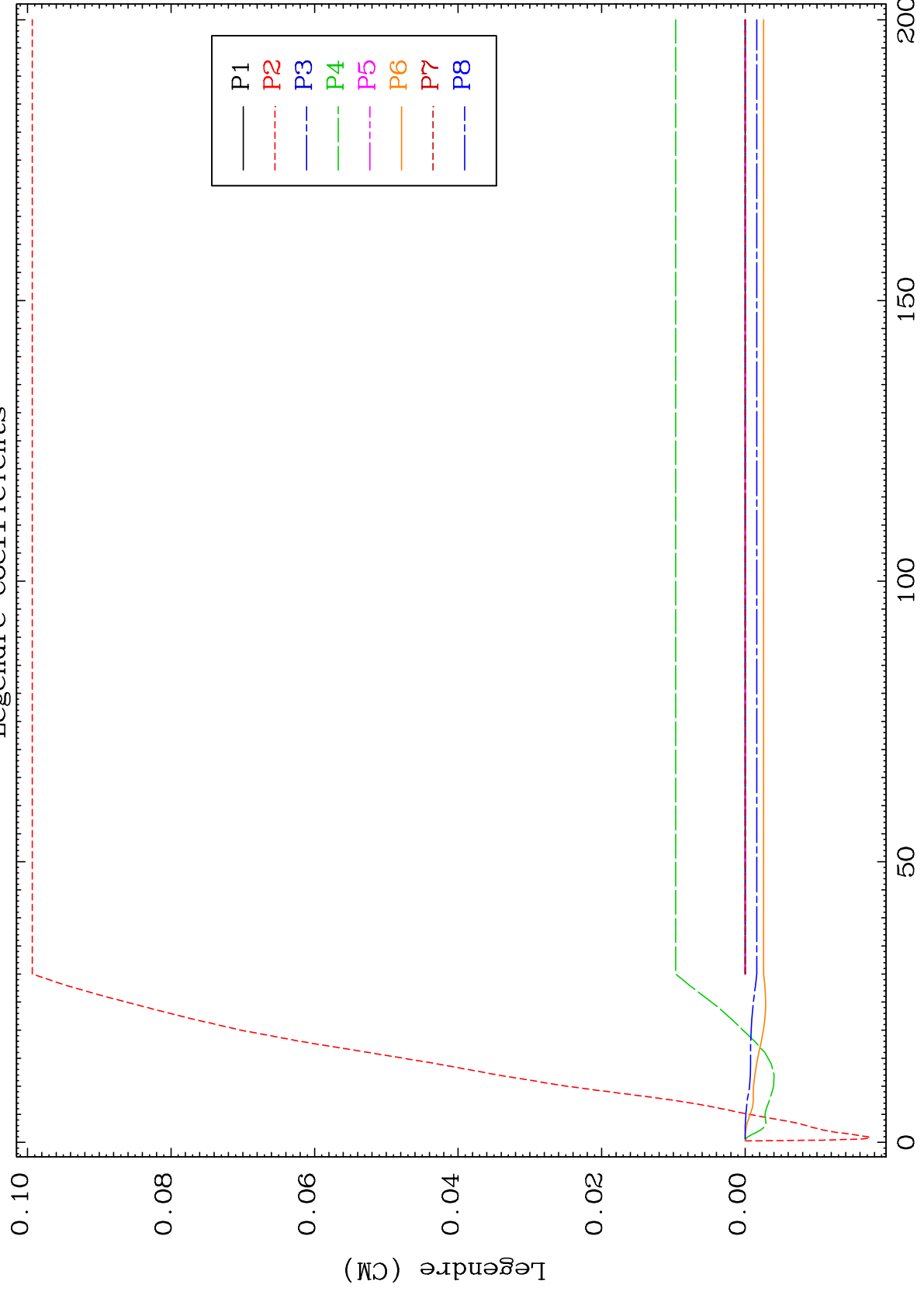


57

Incident Energy (MeV)

77-Ir-180

MAT 7692 MT= 62 (n,n') Level Legendre Coefficients 77-Ir-180

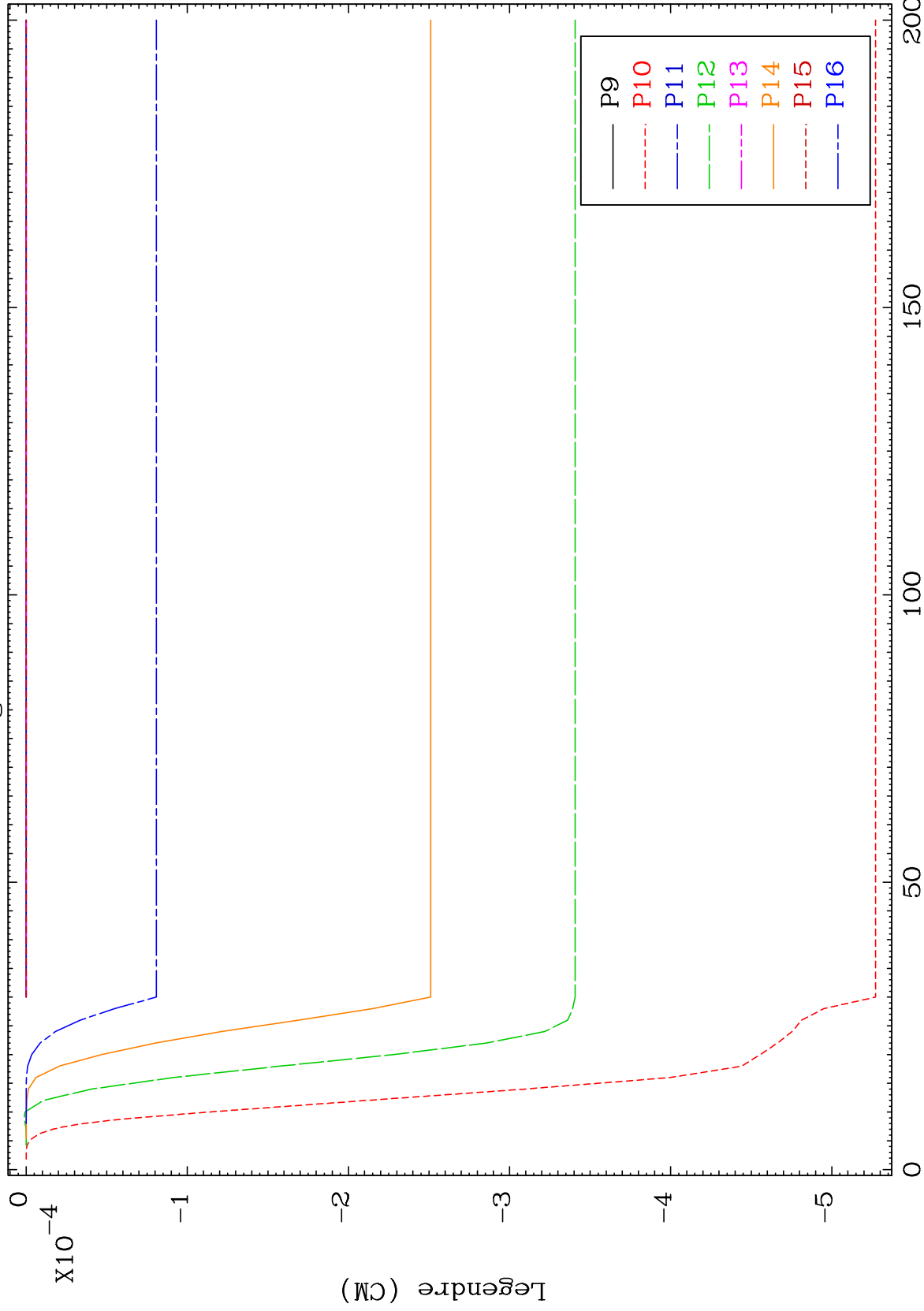


58 77-Ir-180

MAT 7692

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

77-Ir-180



59

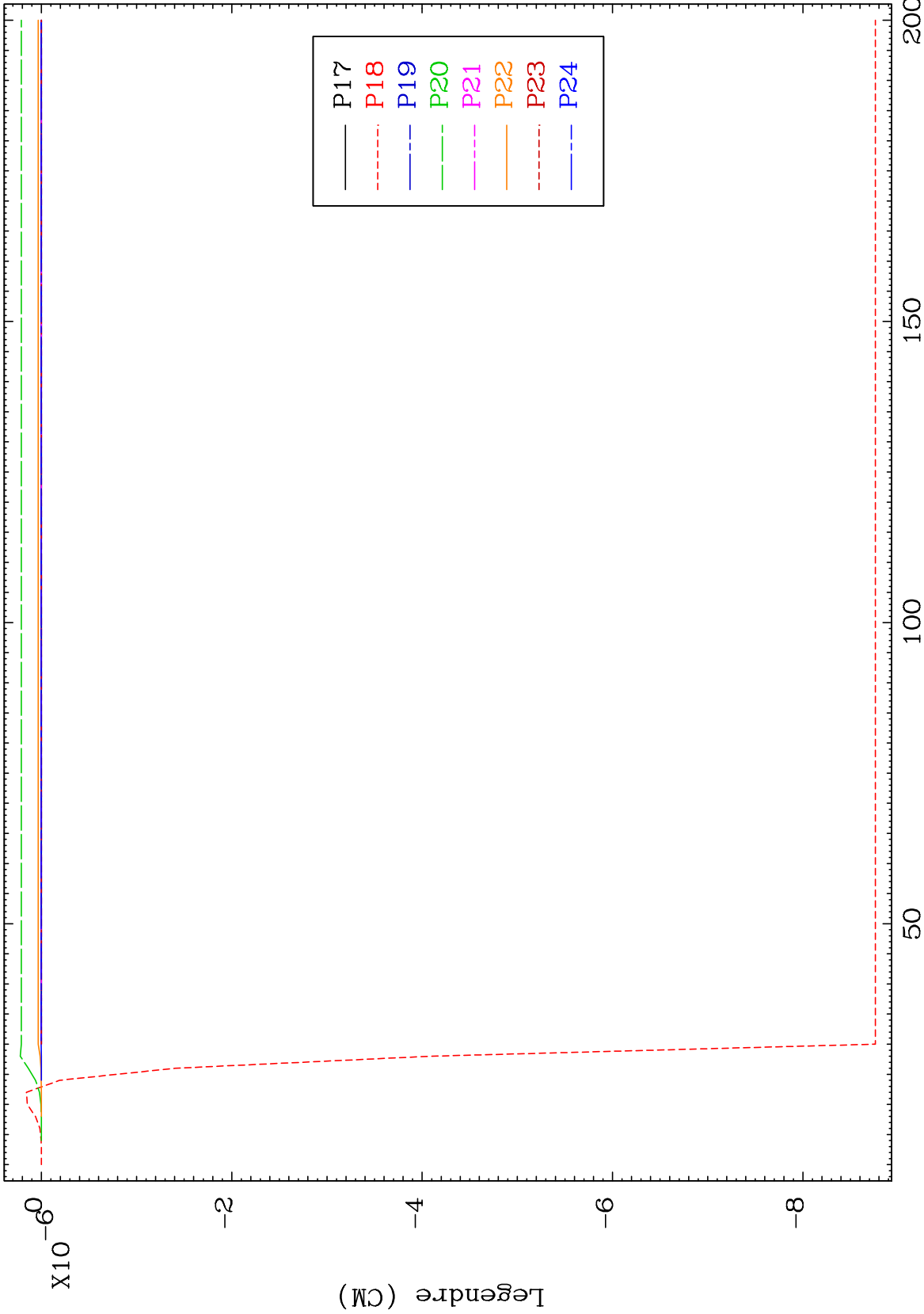
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



60

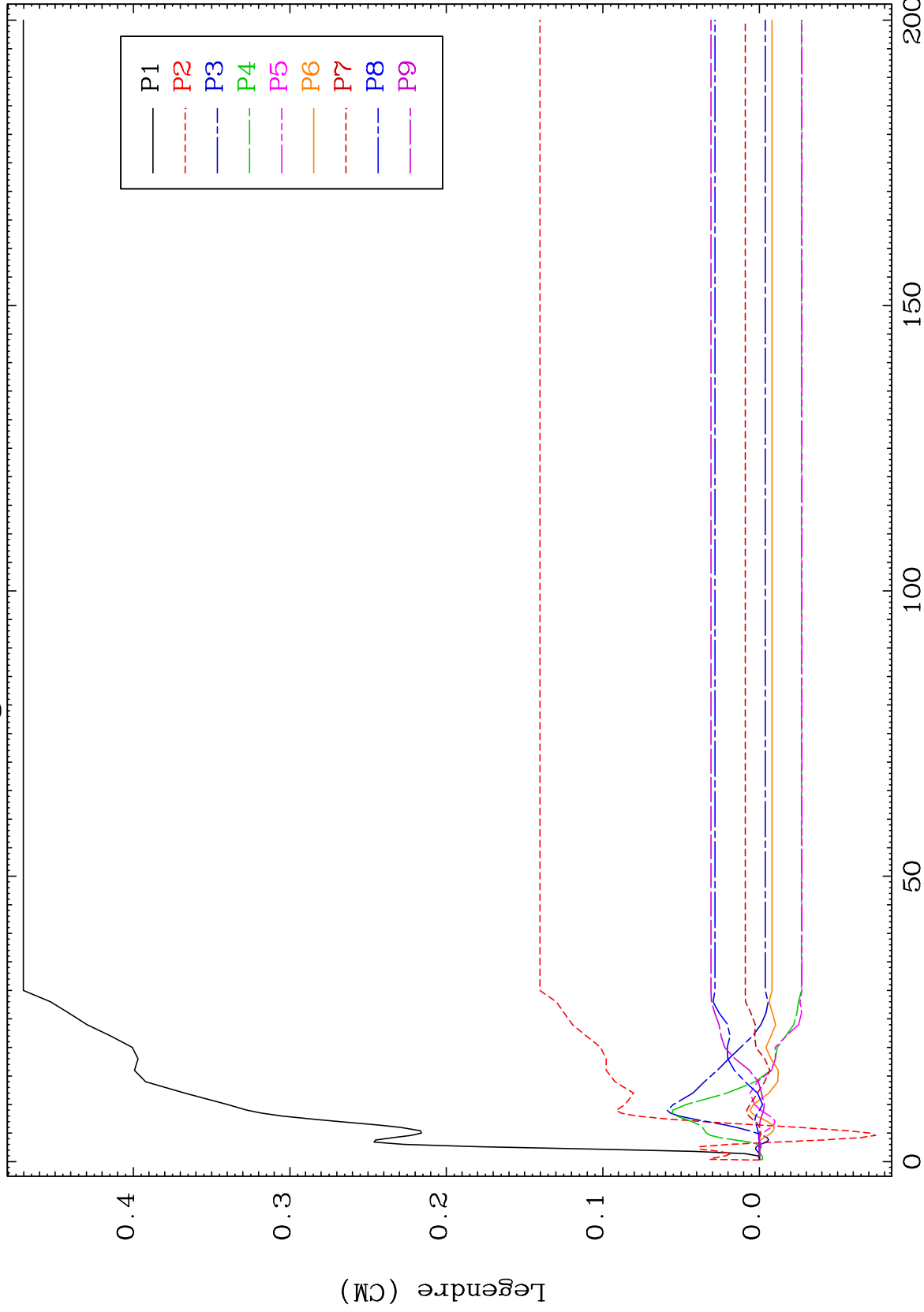
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



61

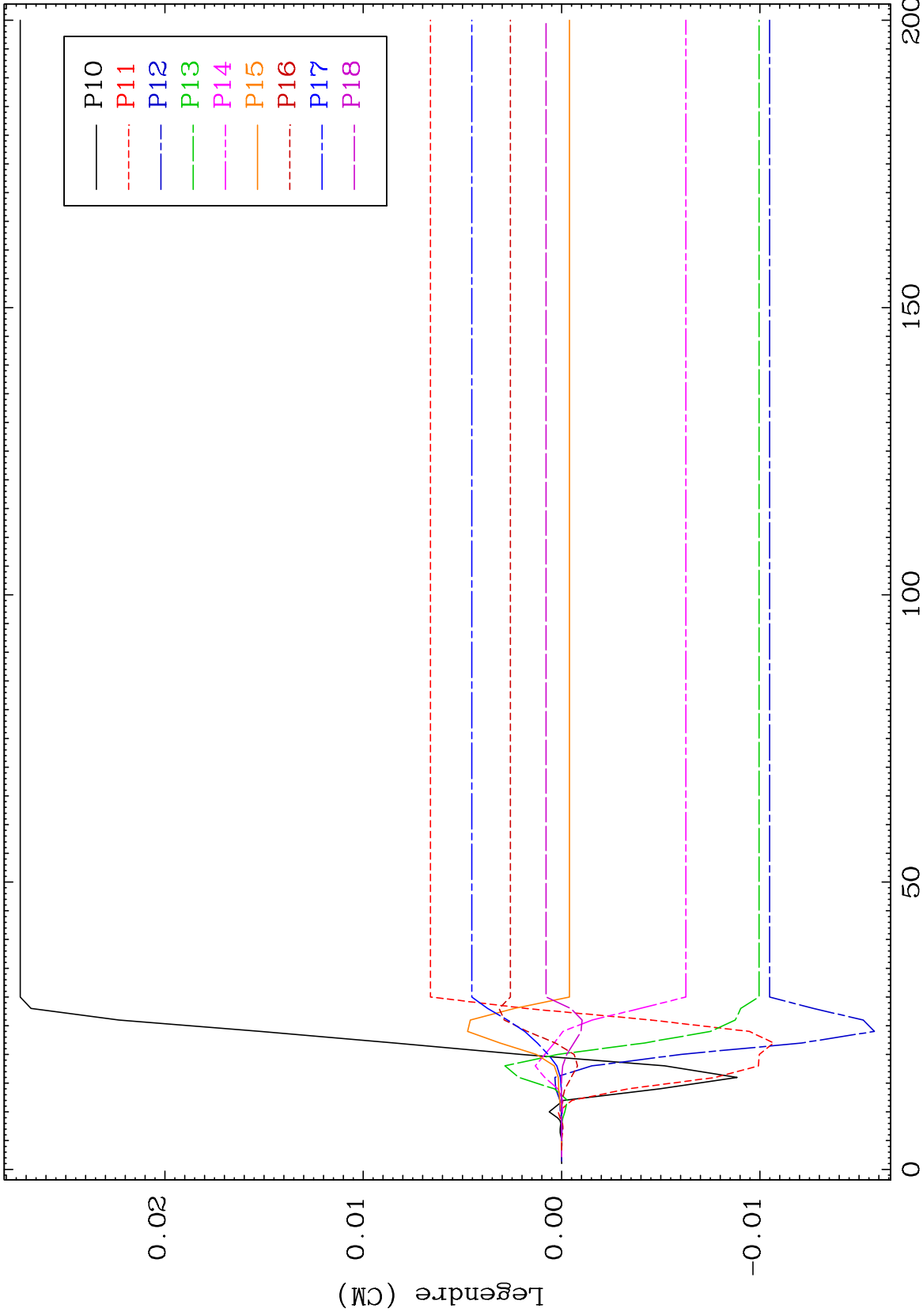
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



62

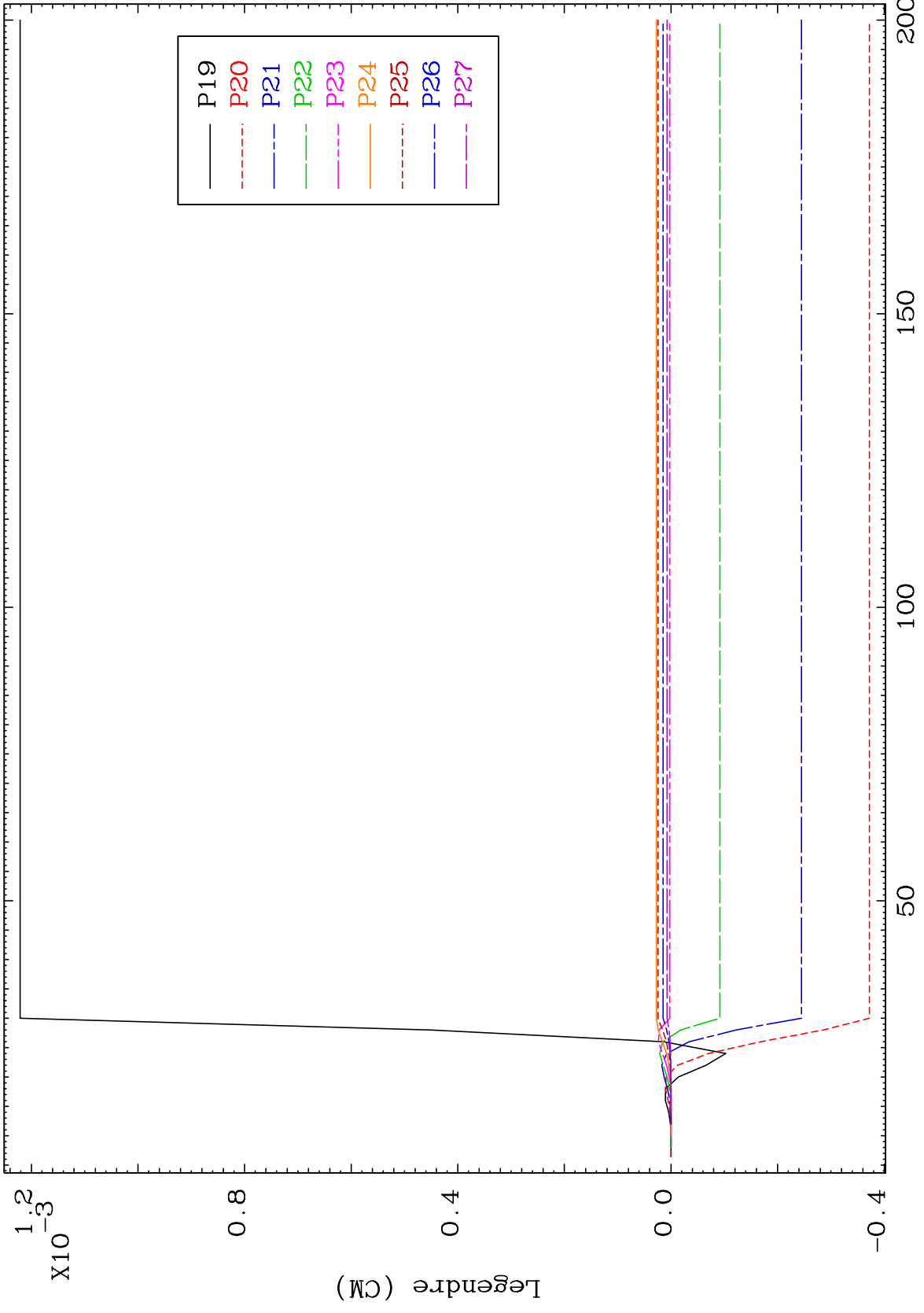
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



63

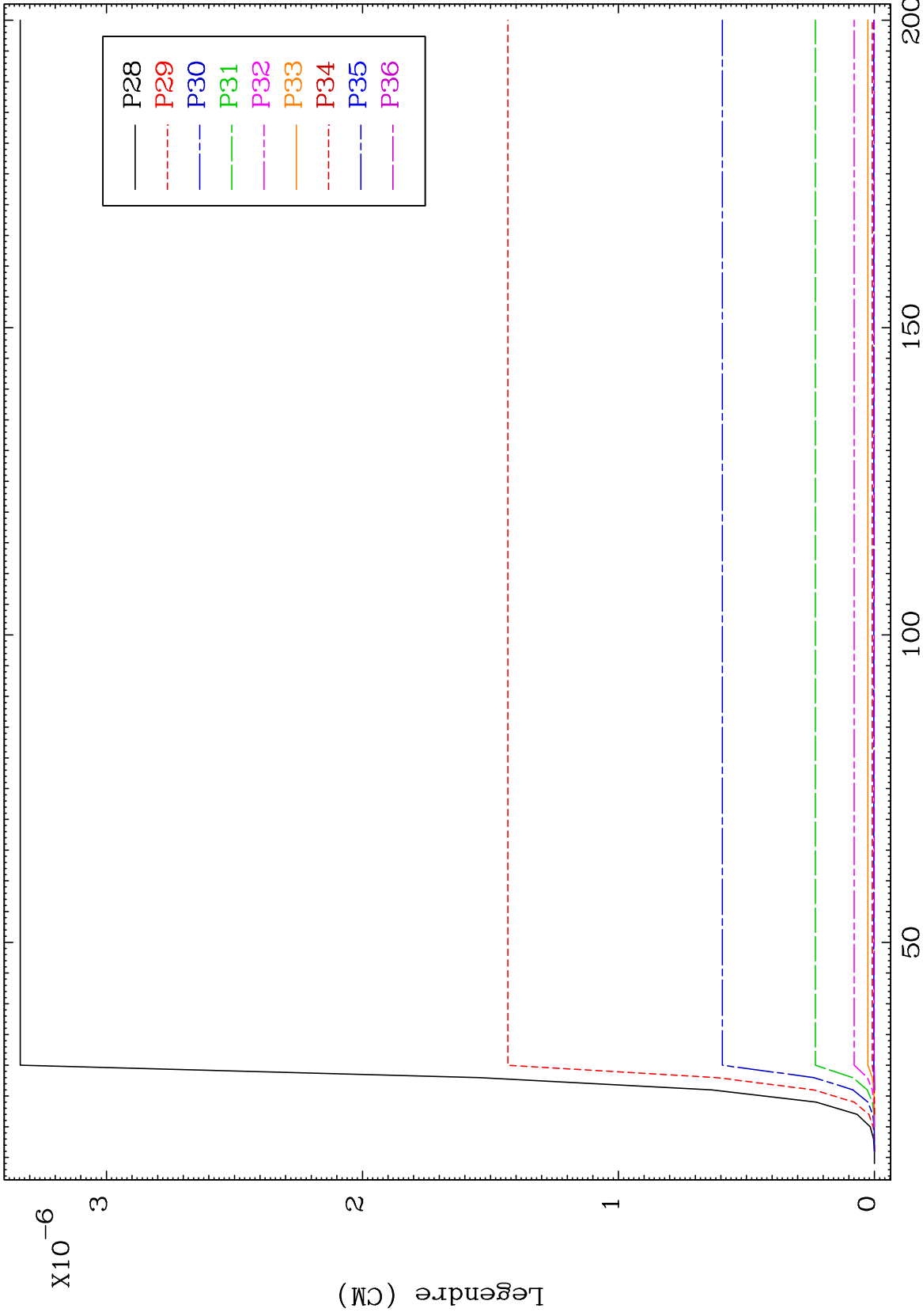
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



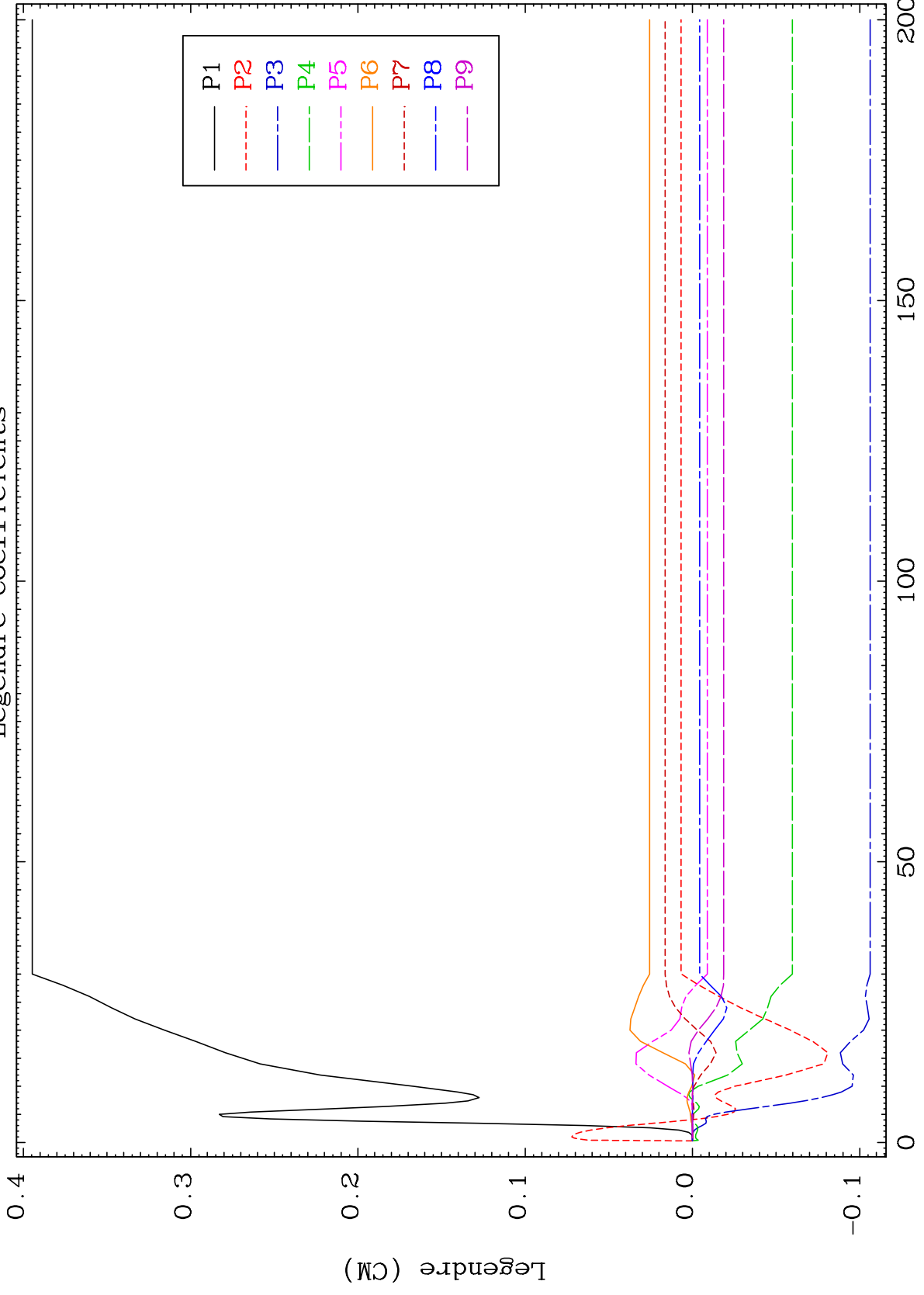
64

77-Ir-180

MAT 7692

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

77-Ir-180



65

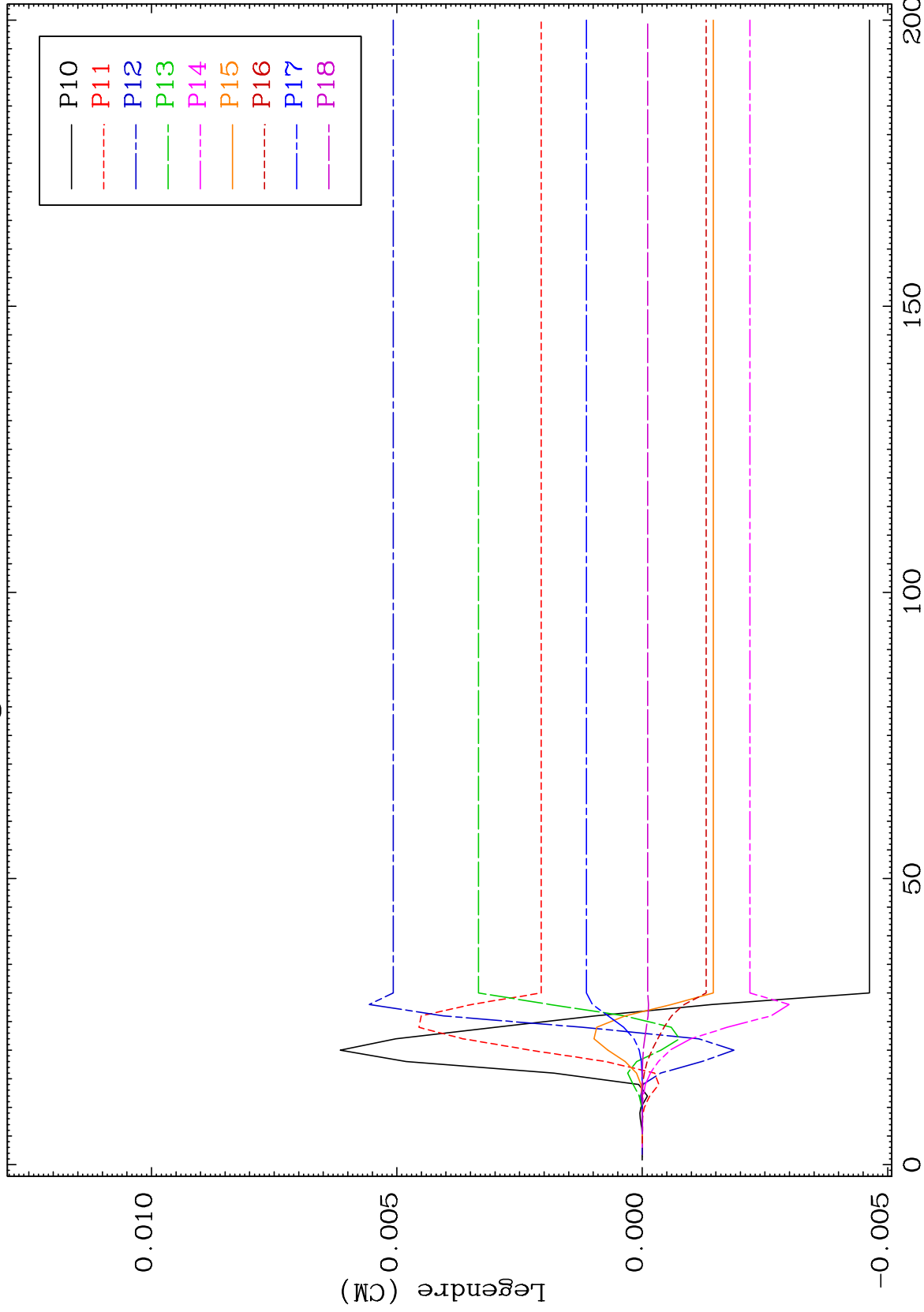
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



66

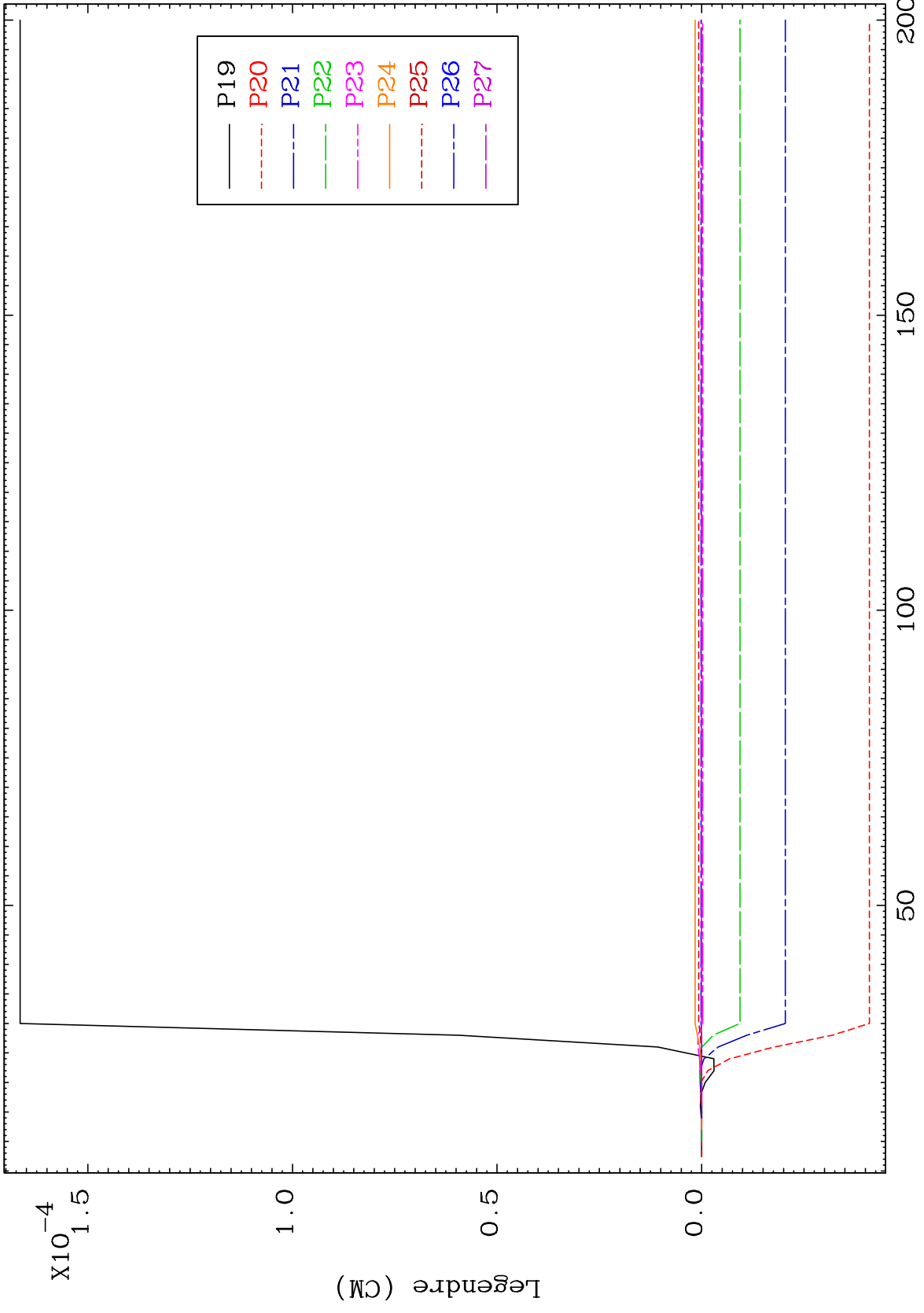
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



67

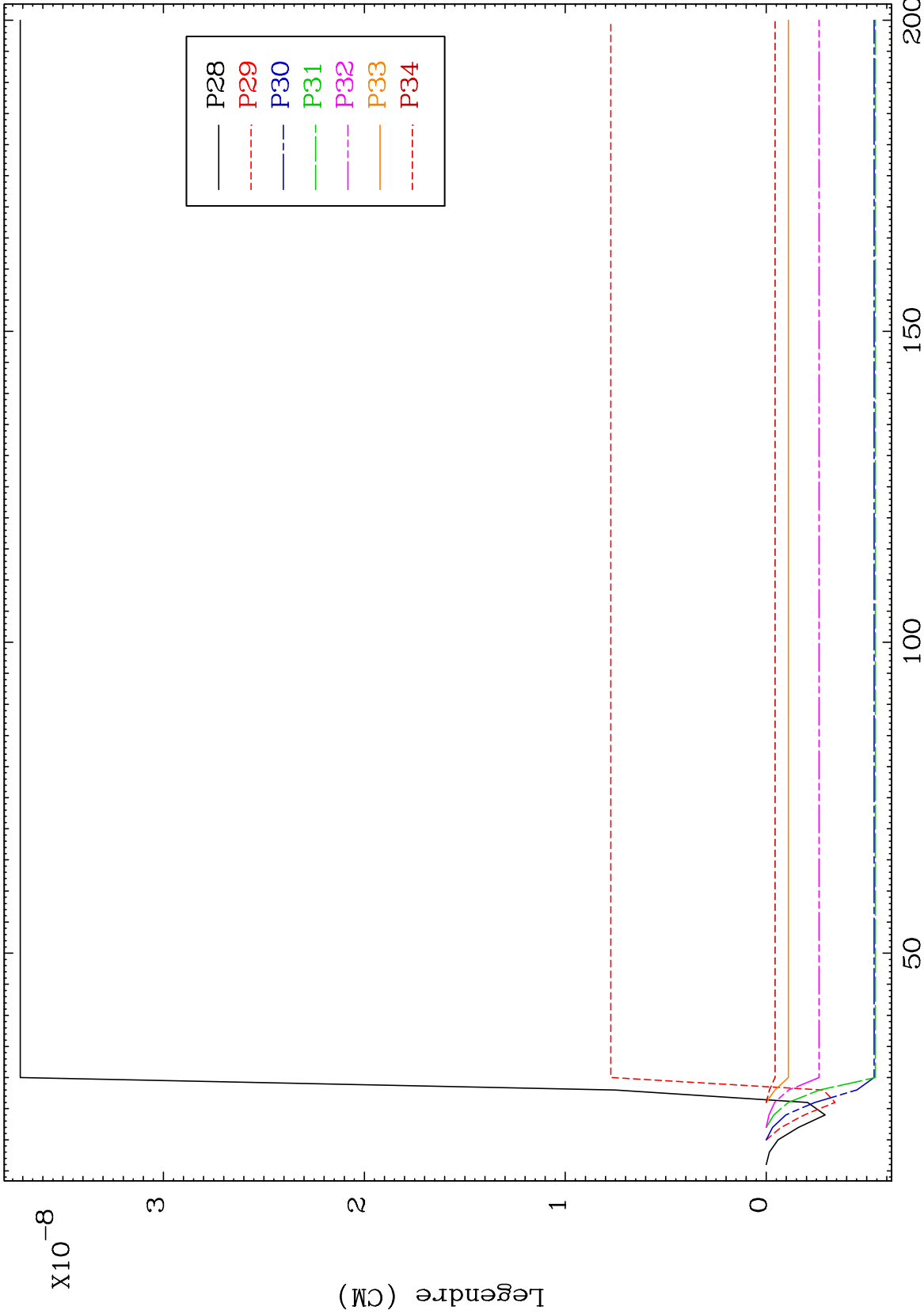
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



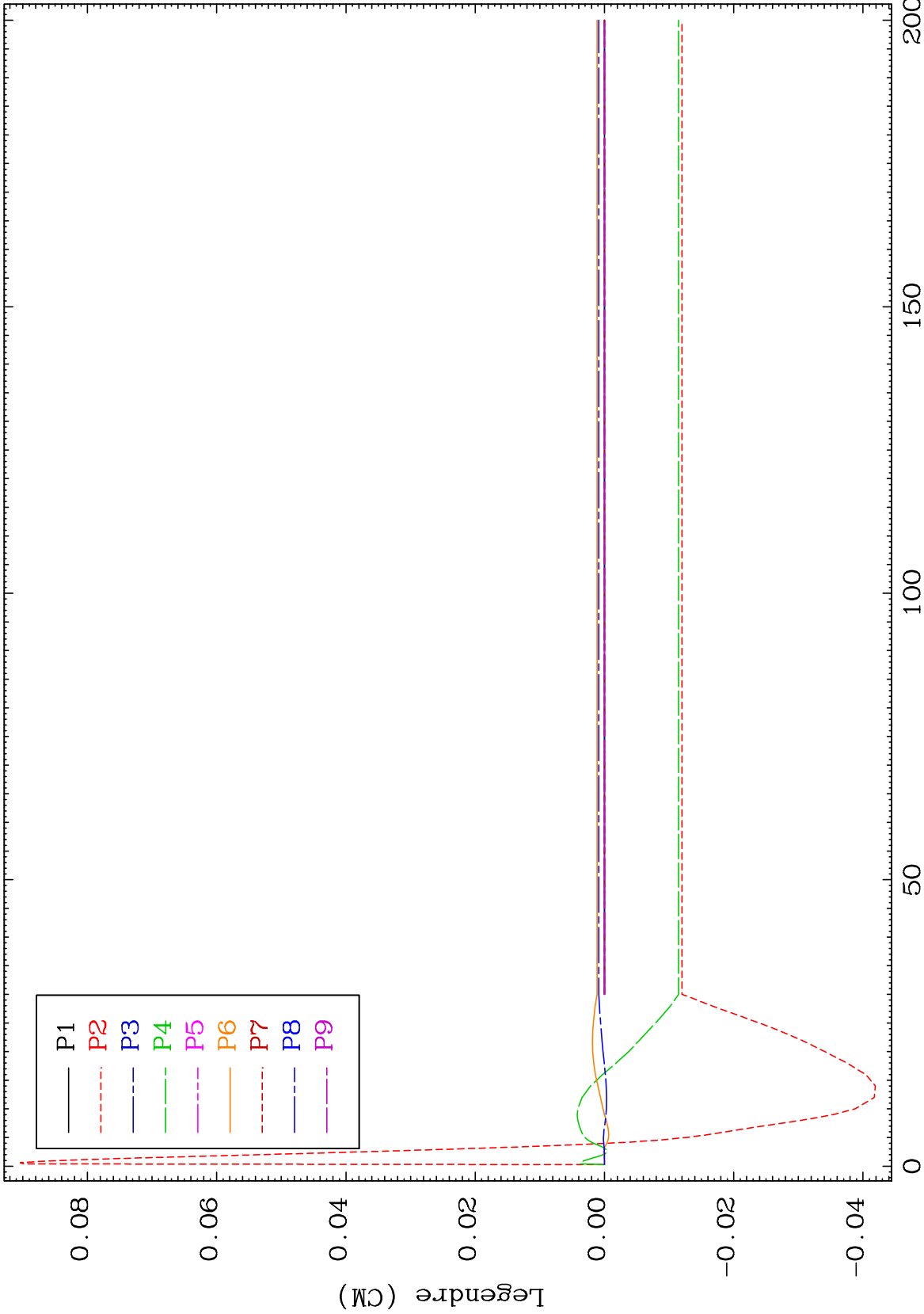
68

77-Ir-180

MAT 7692

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

77-Ir-180



69

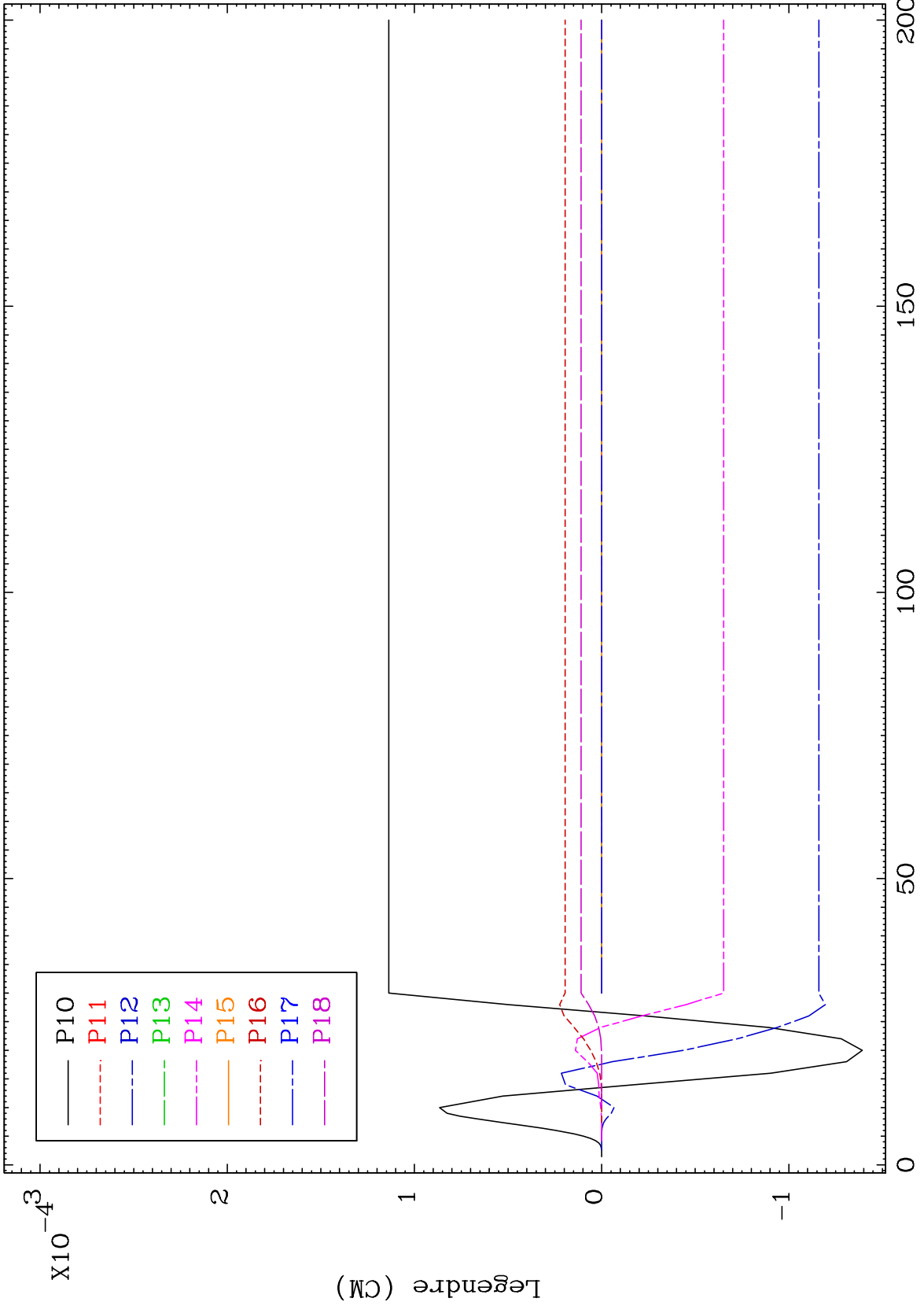
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



70

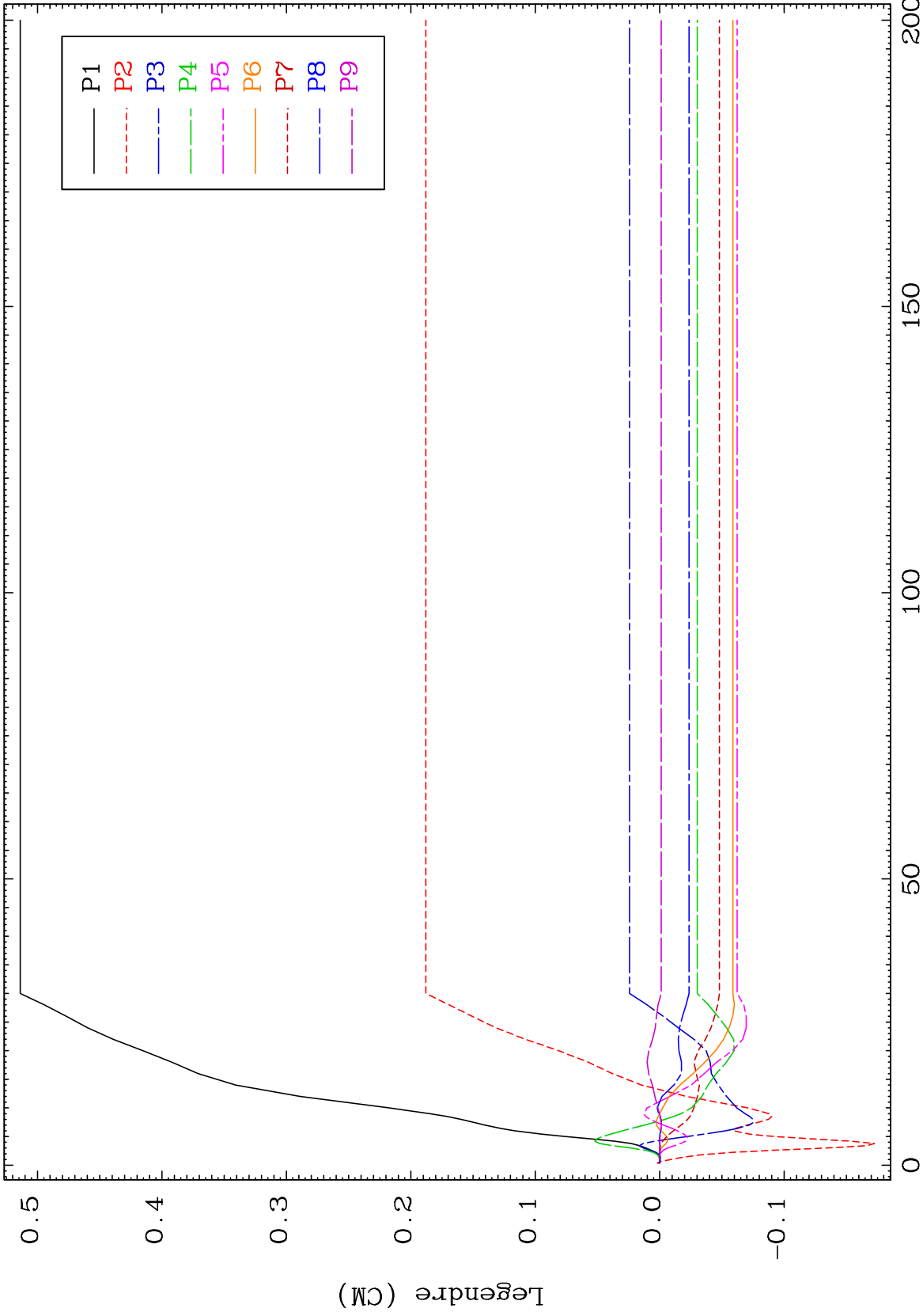
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180

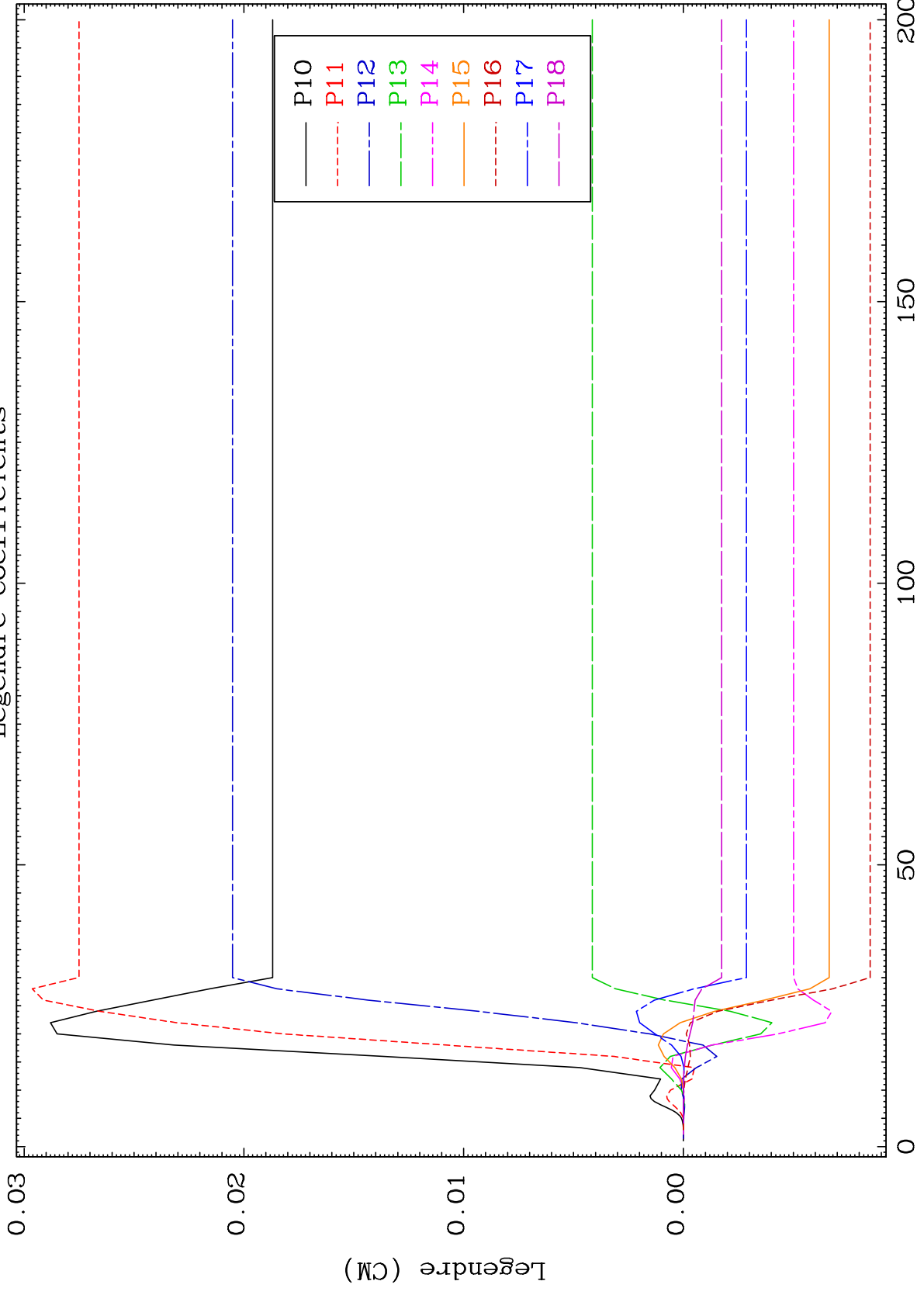


72

Incident Energy (MeV)

77-Ir-180

MAT 7692 MT= 66 (n,n') Level Legendre Coefficients 77-Ir-180

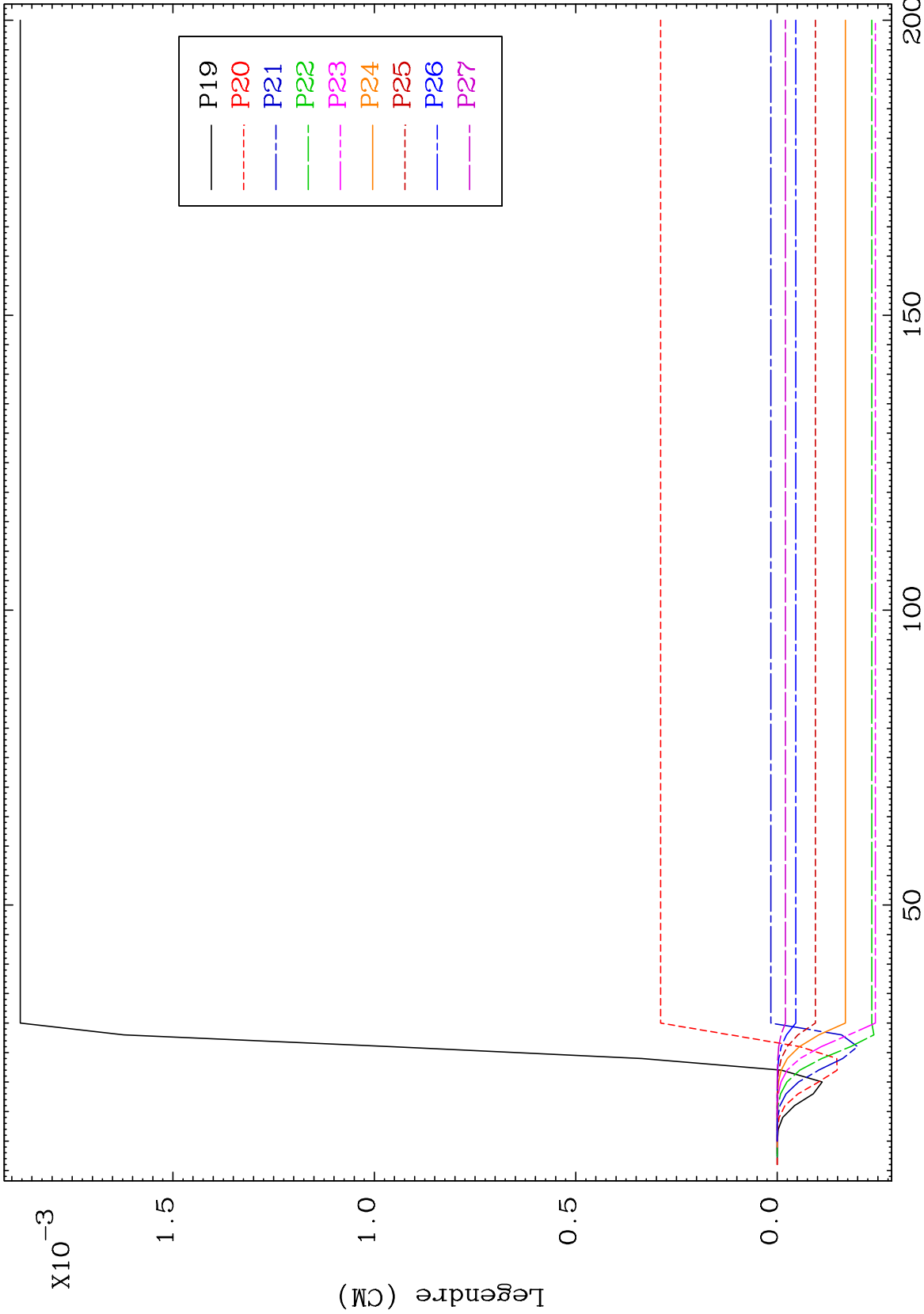


73 77-Ir-180

MAT 7692

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

77-Ir-180



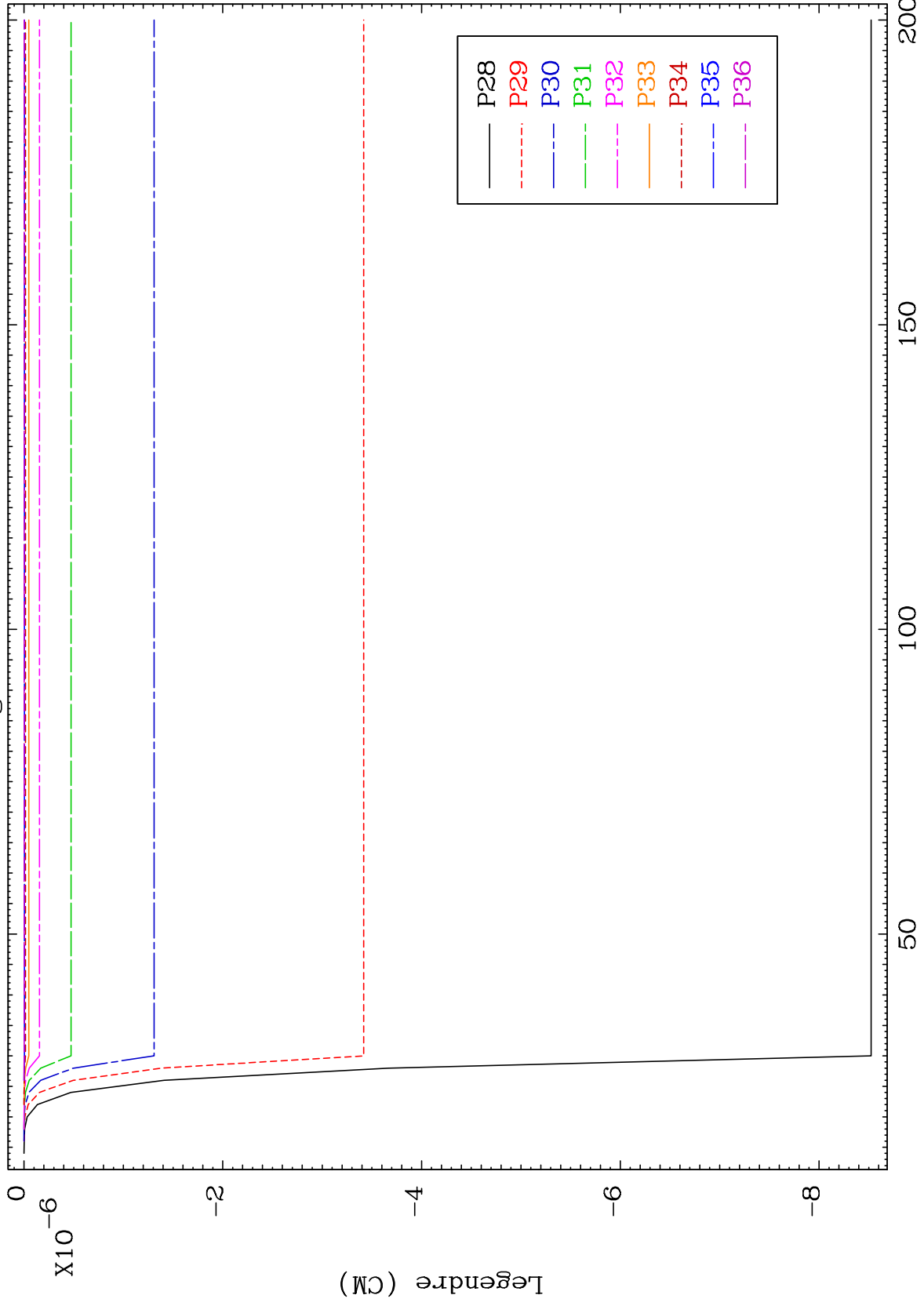
74

77-Ir-180

MAT 7692

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

77-Ir-180



75

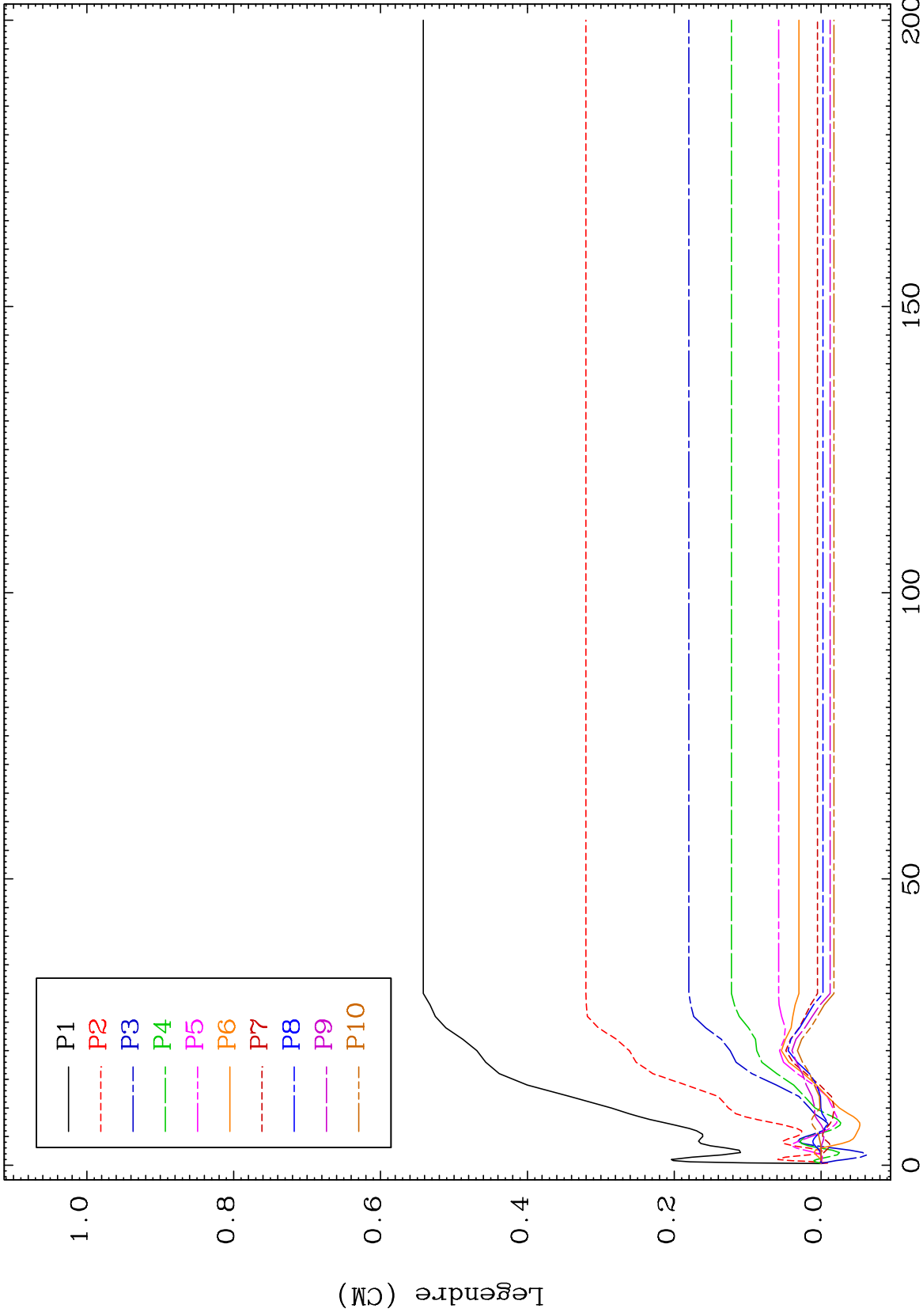
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



76

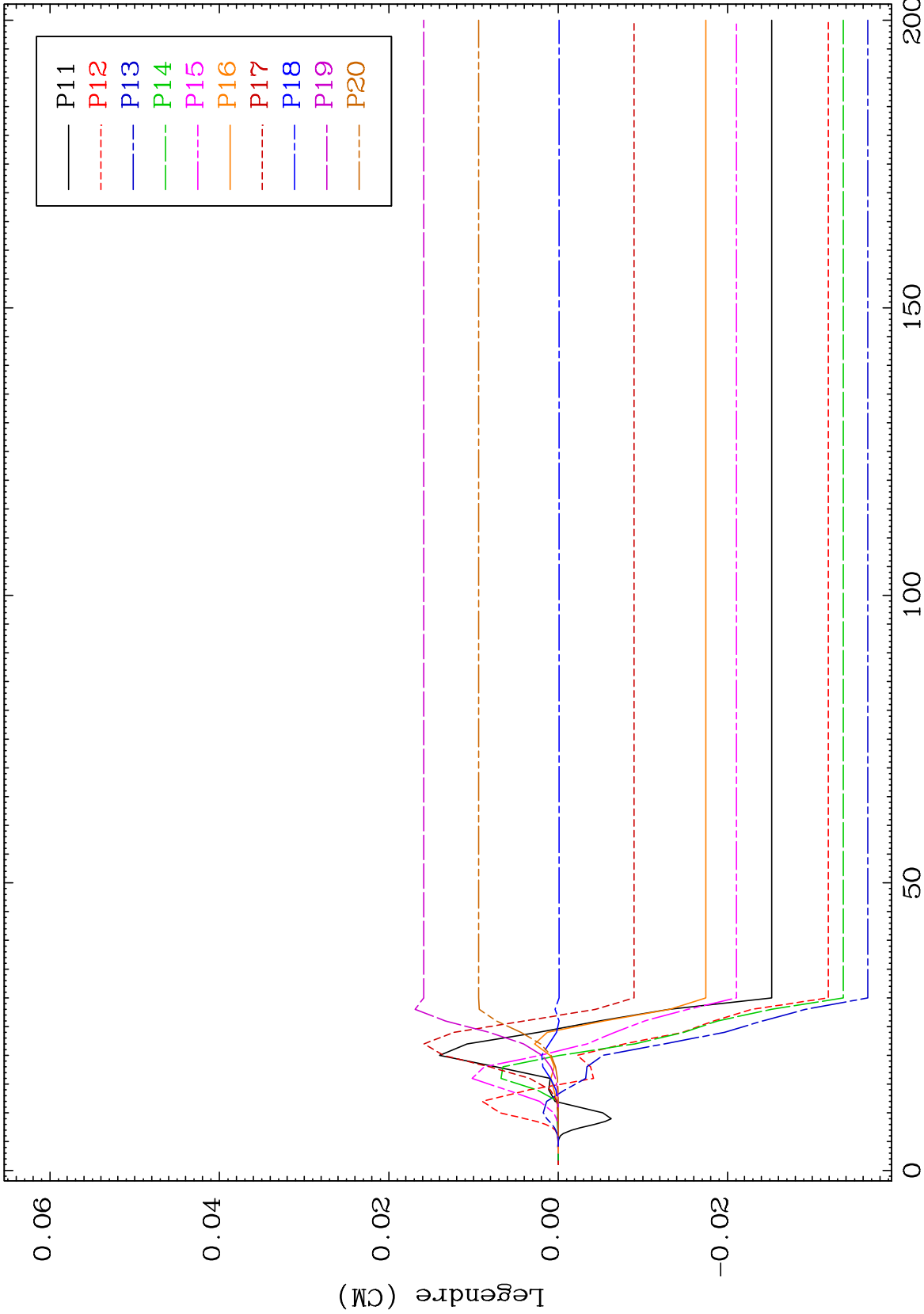
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



77

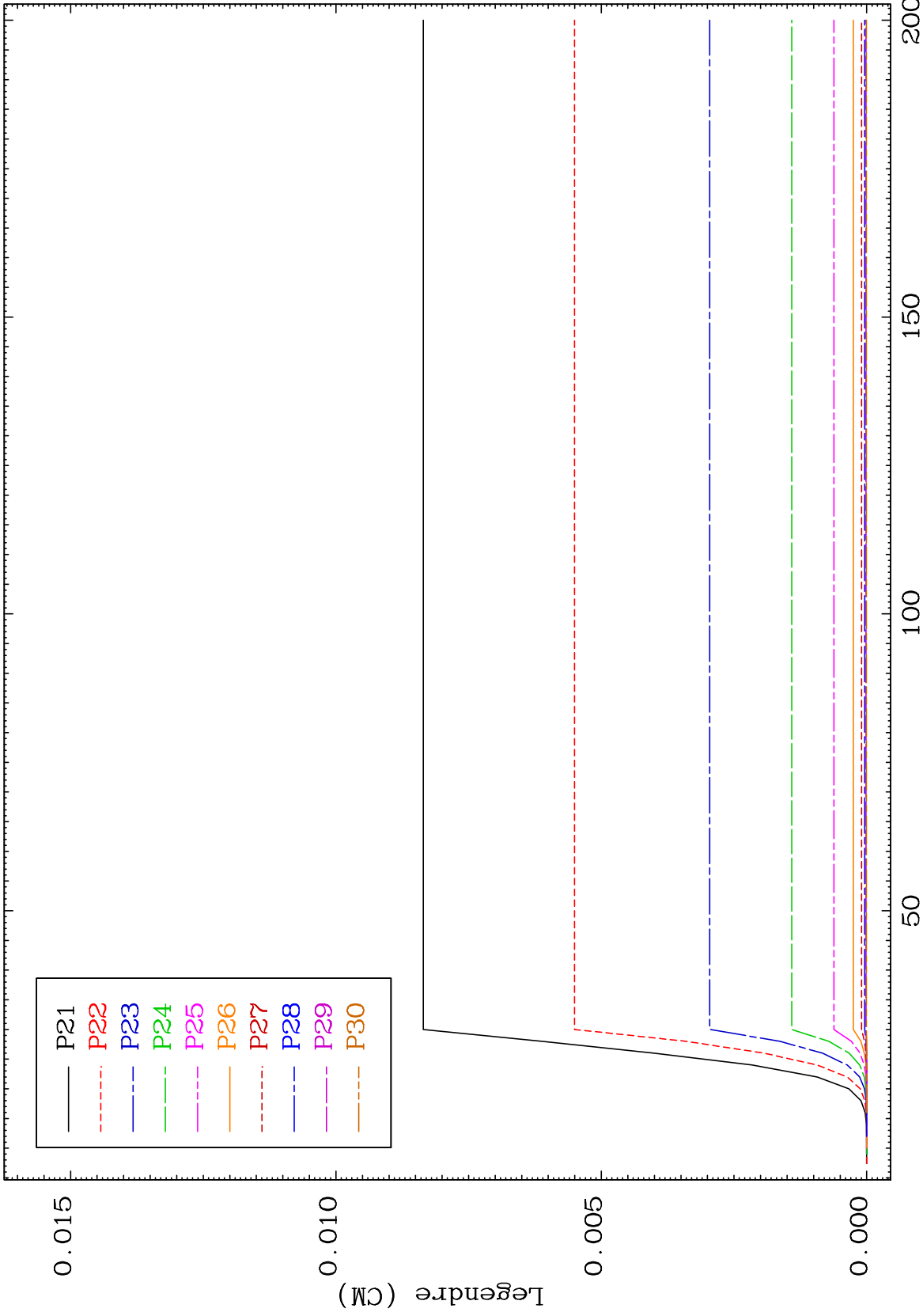
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



78

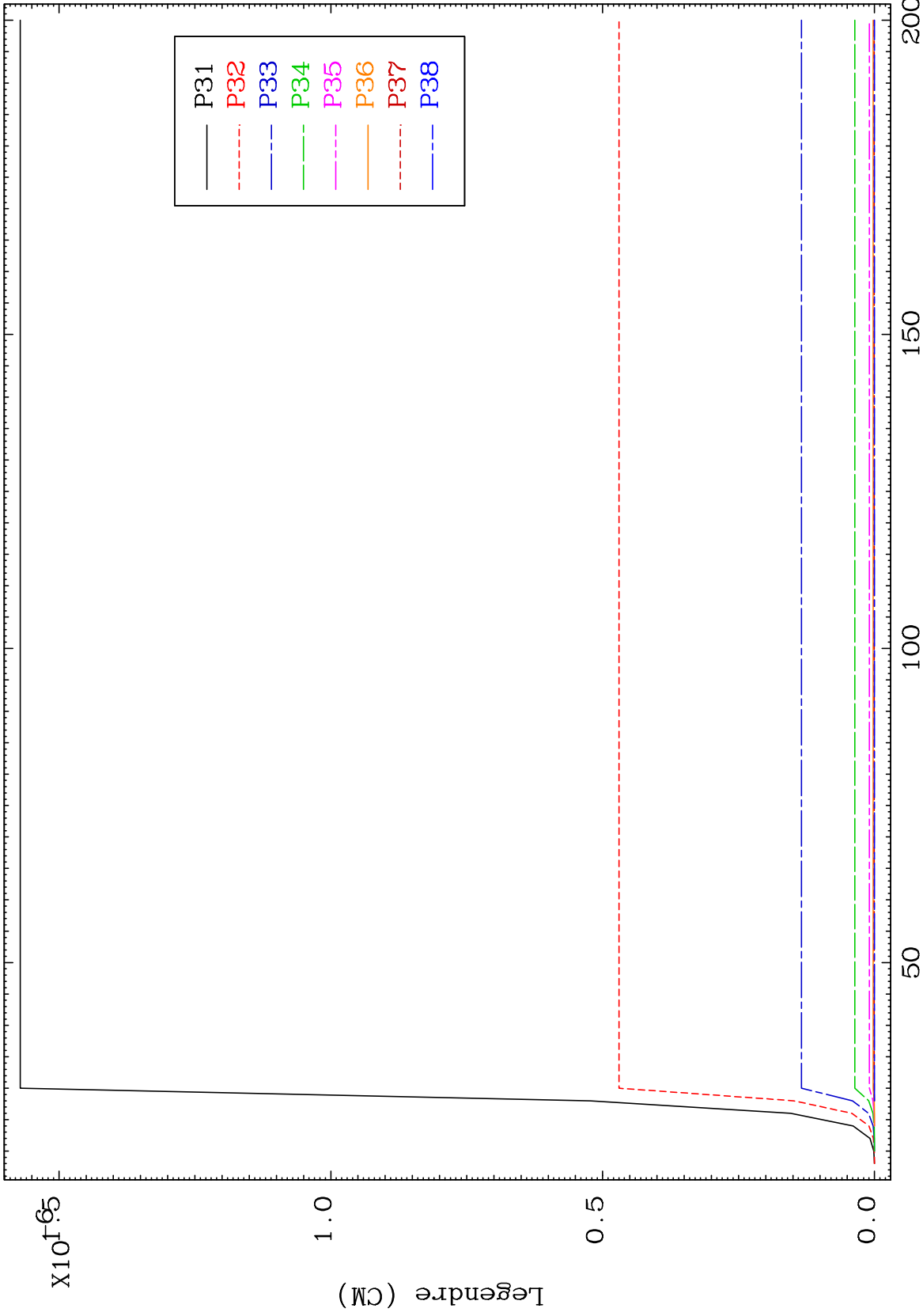
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



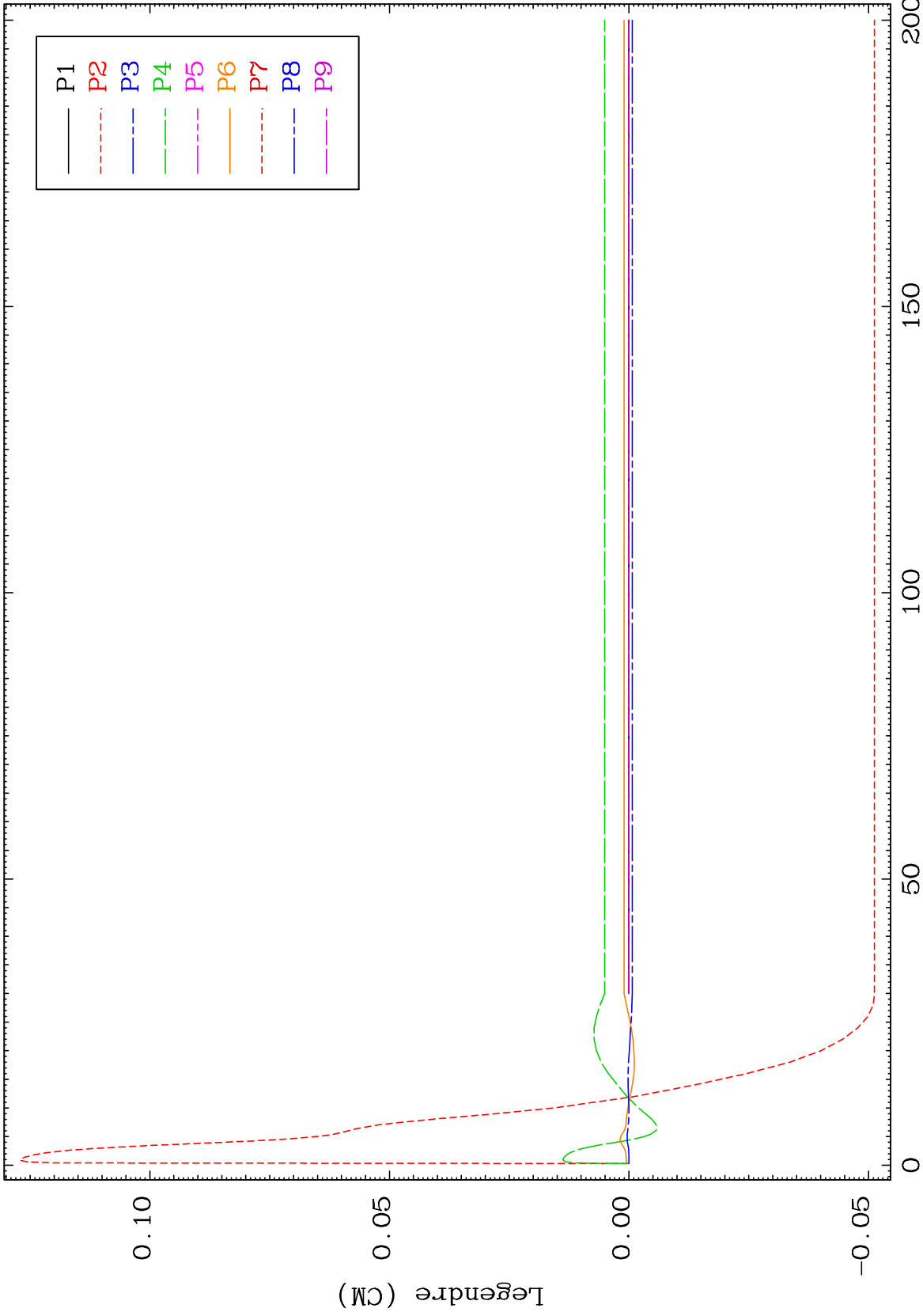
79

77-Ir-180

MAT 7692

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

77-Ir-180



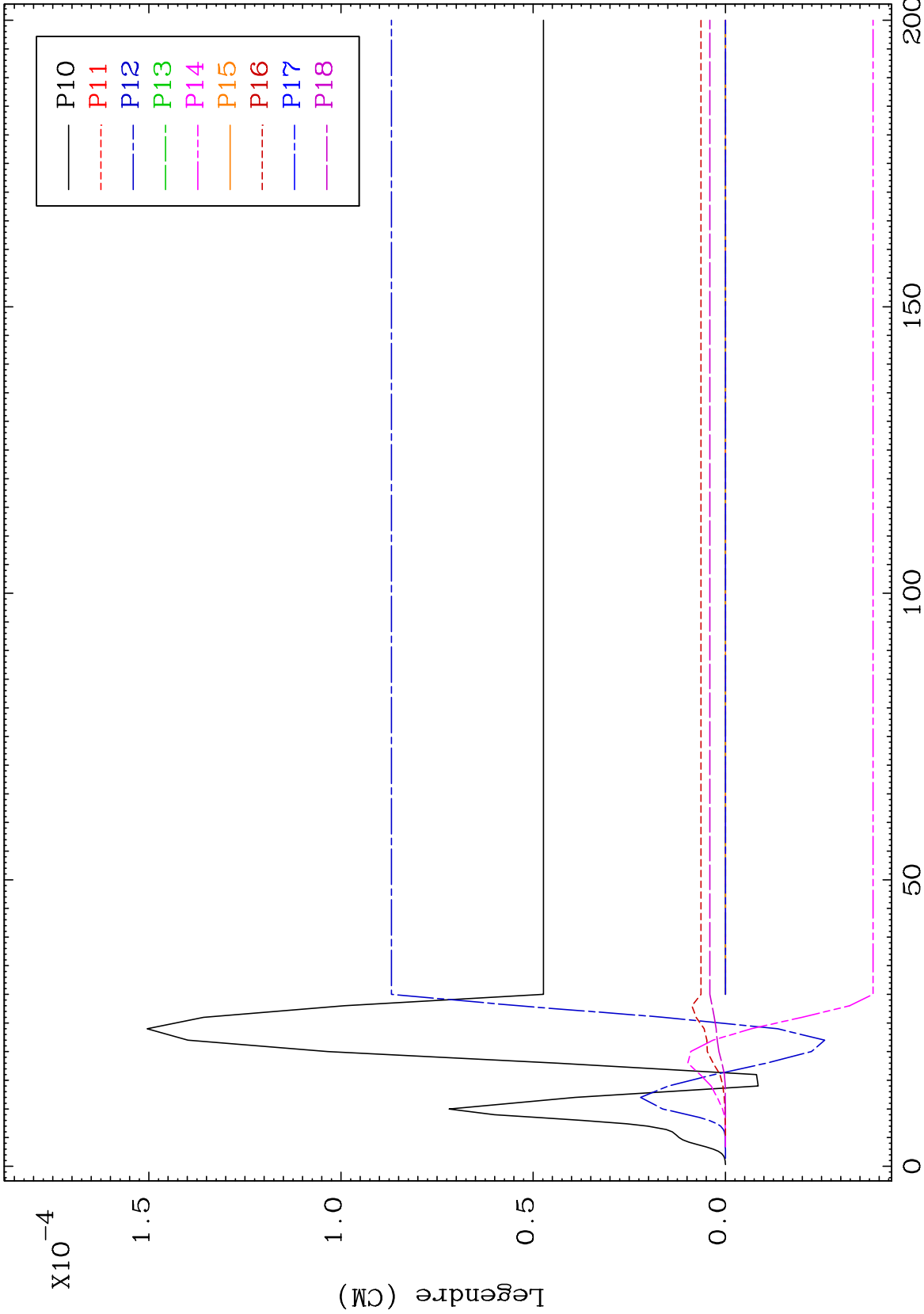
77-Ir-180

Incident Energy (MeV)

MAT 7692

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

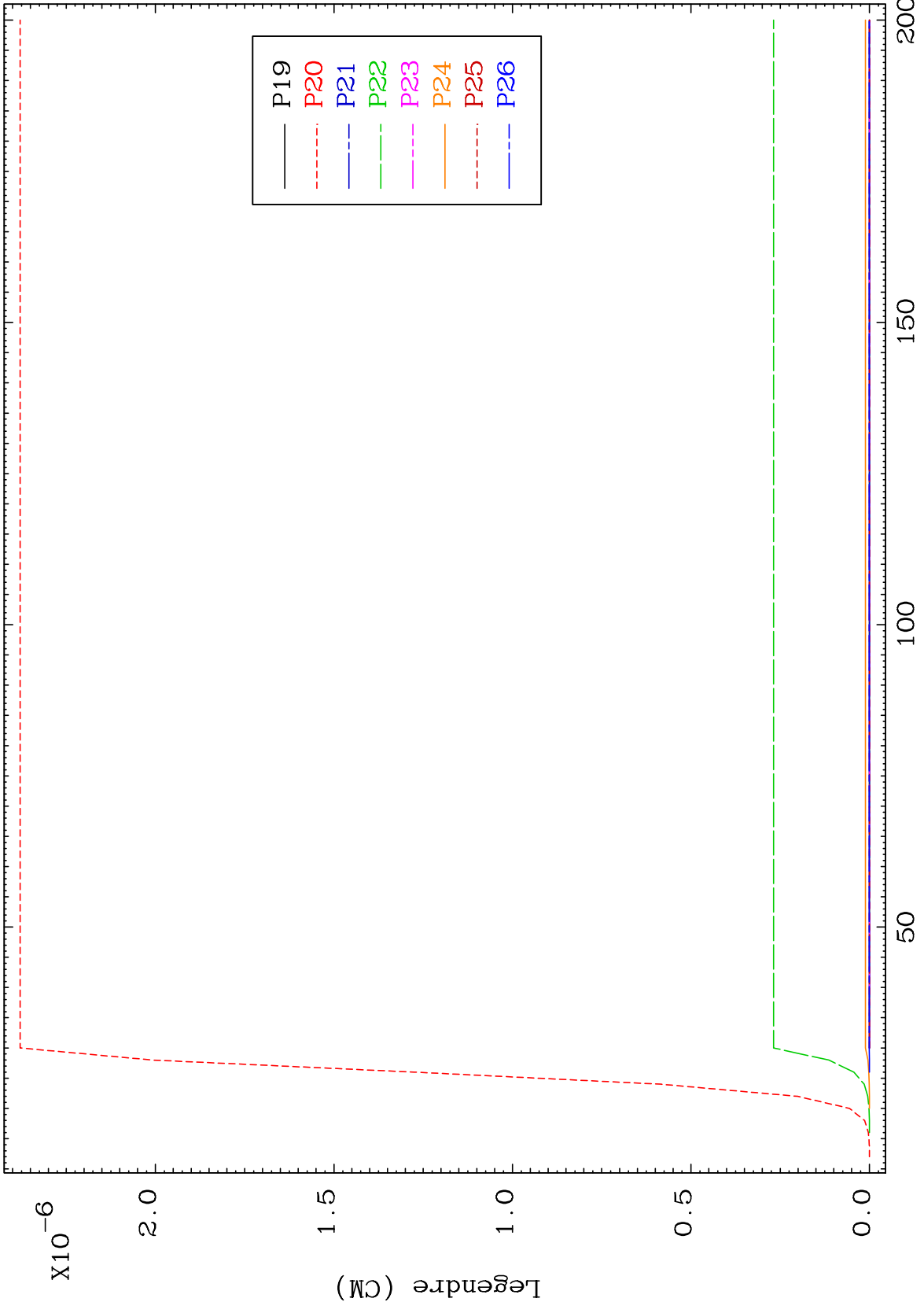
⁷⁷Ir-180



81

⁷⁷Ir-180

MAT 7692 MT= 68 (n,n') Level Legendre Coefficients 77-Ir-180

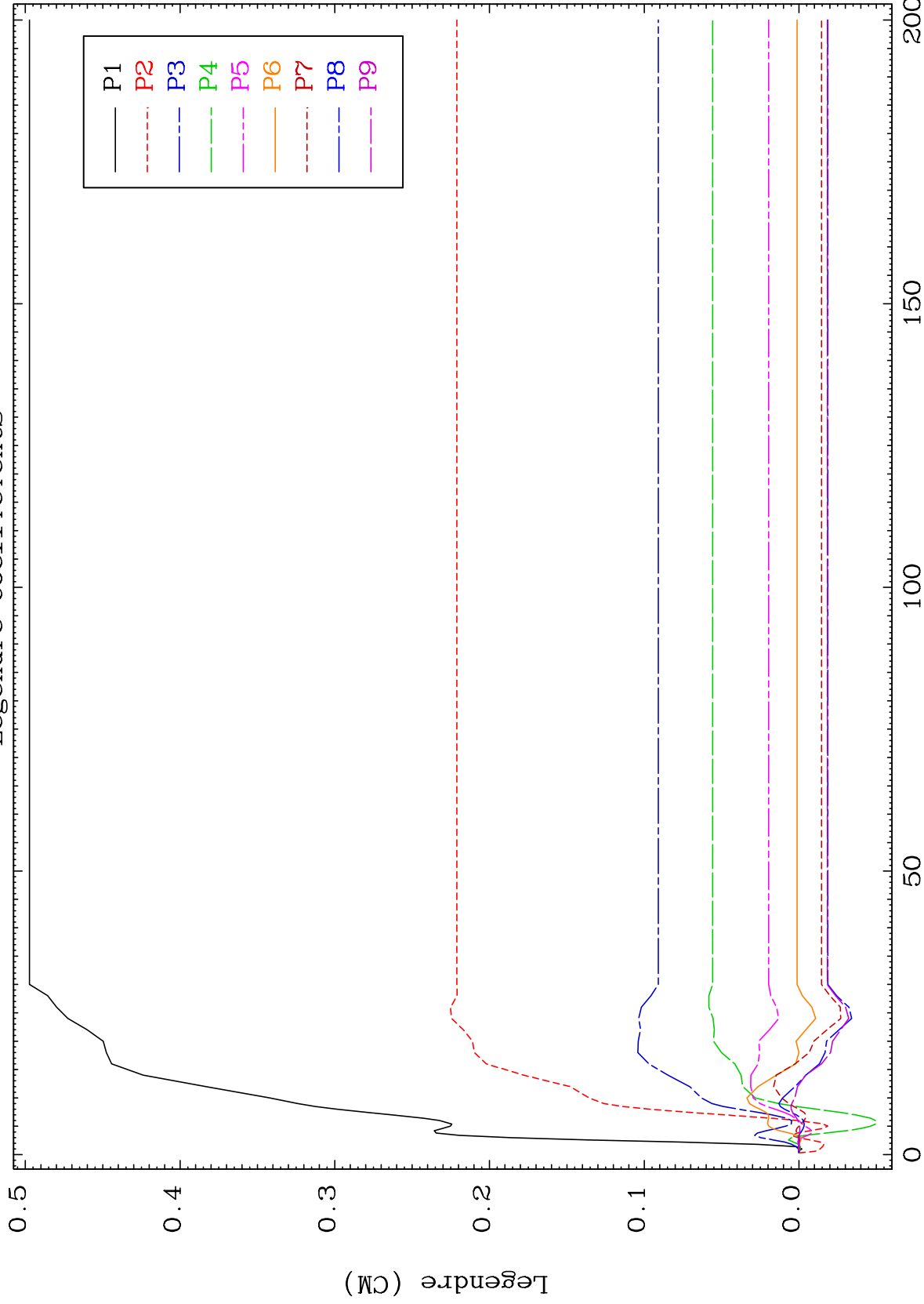


82 77-Ir-180

MAT 7692

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

77-Ir-180



83

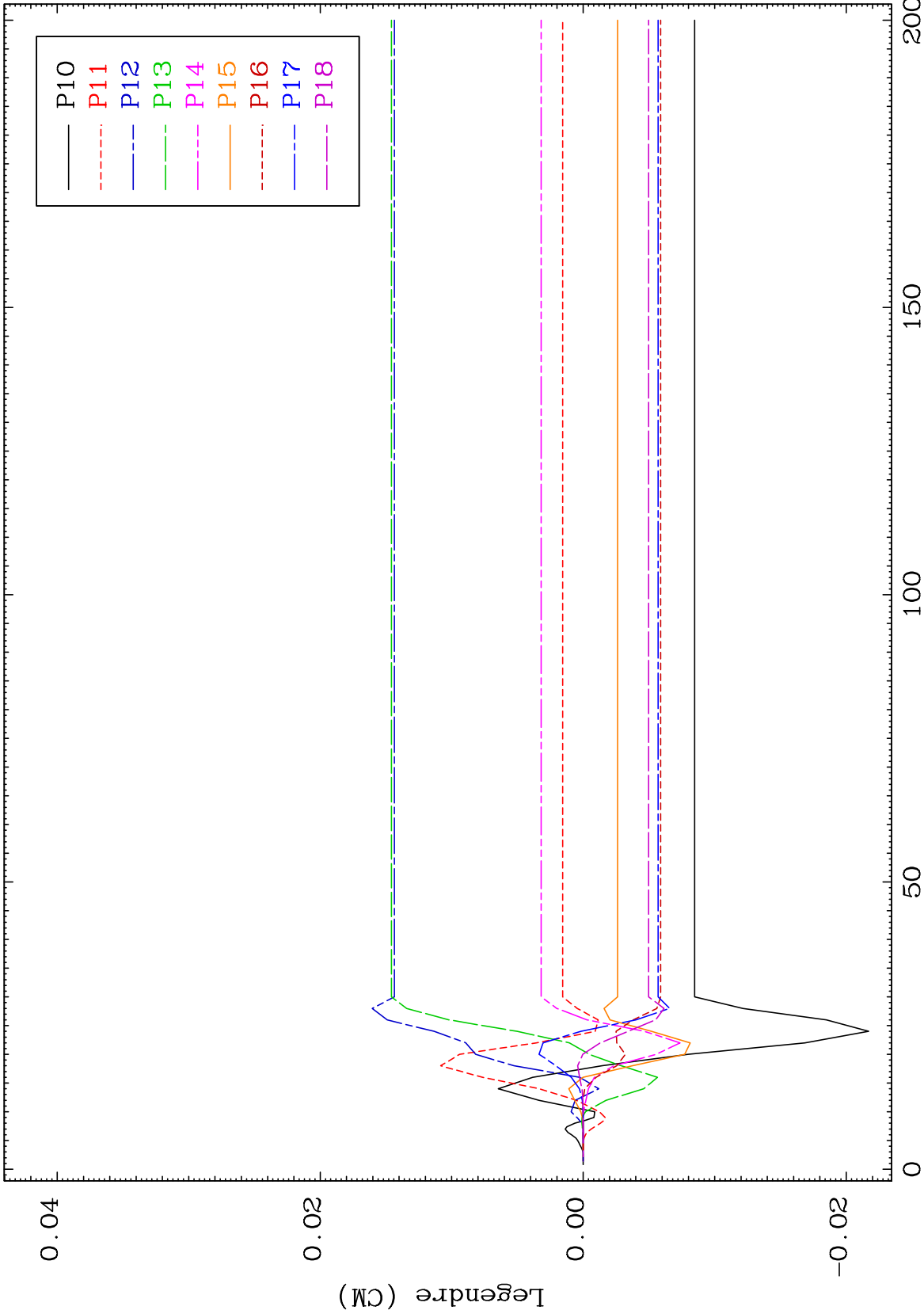
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



84

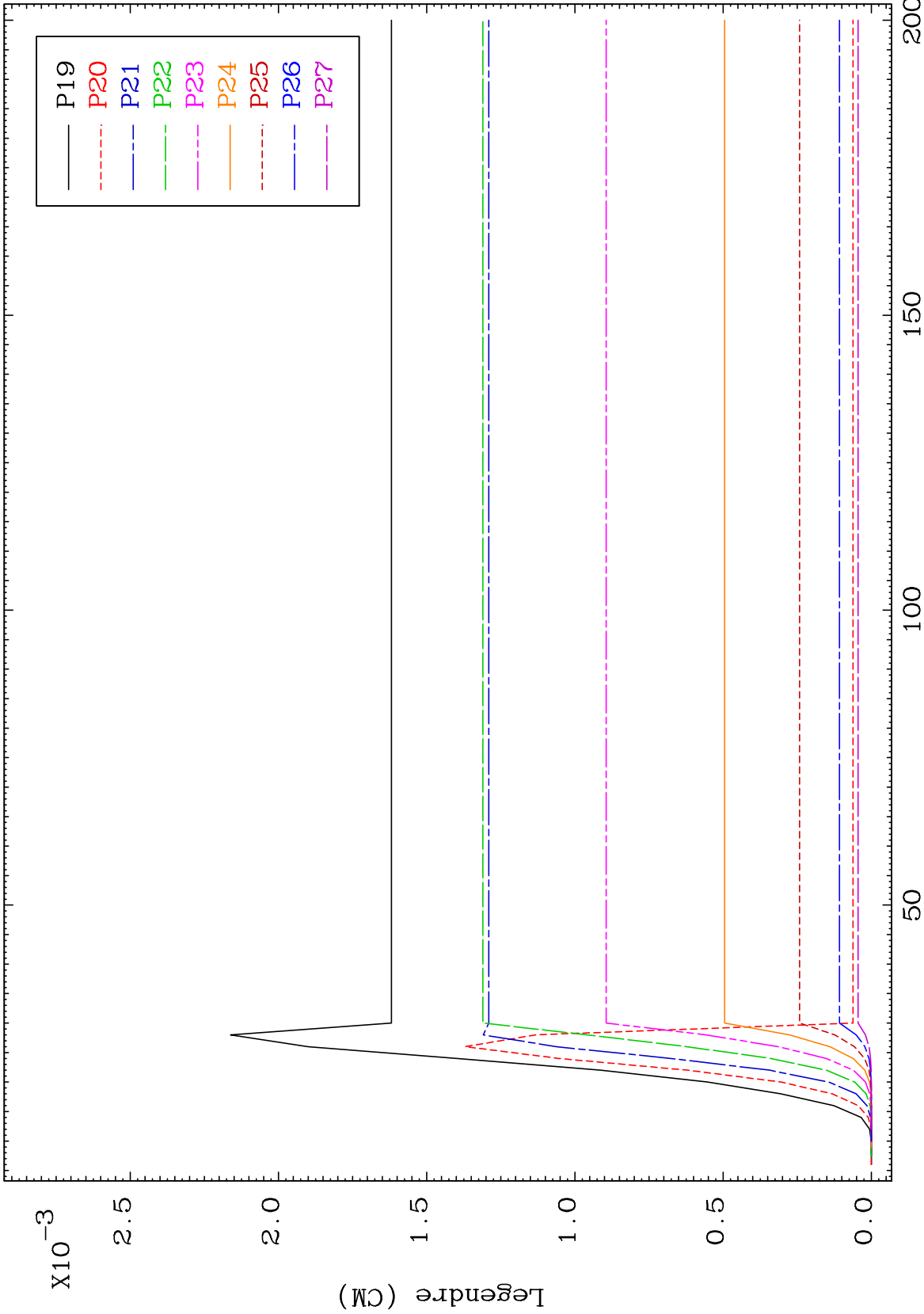
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



85

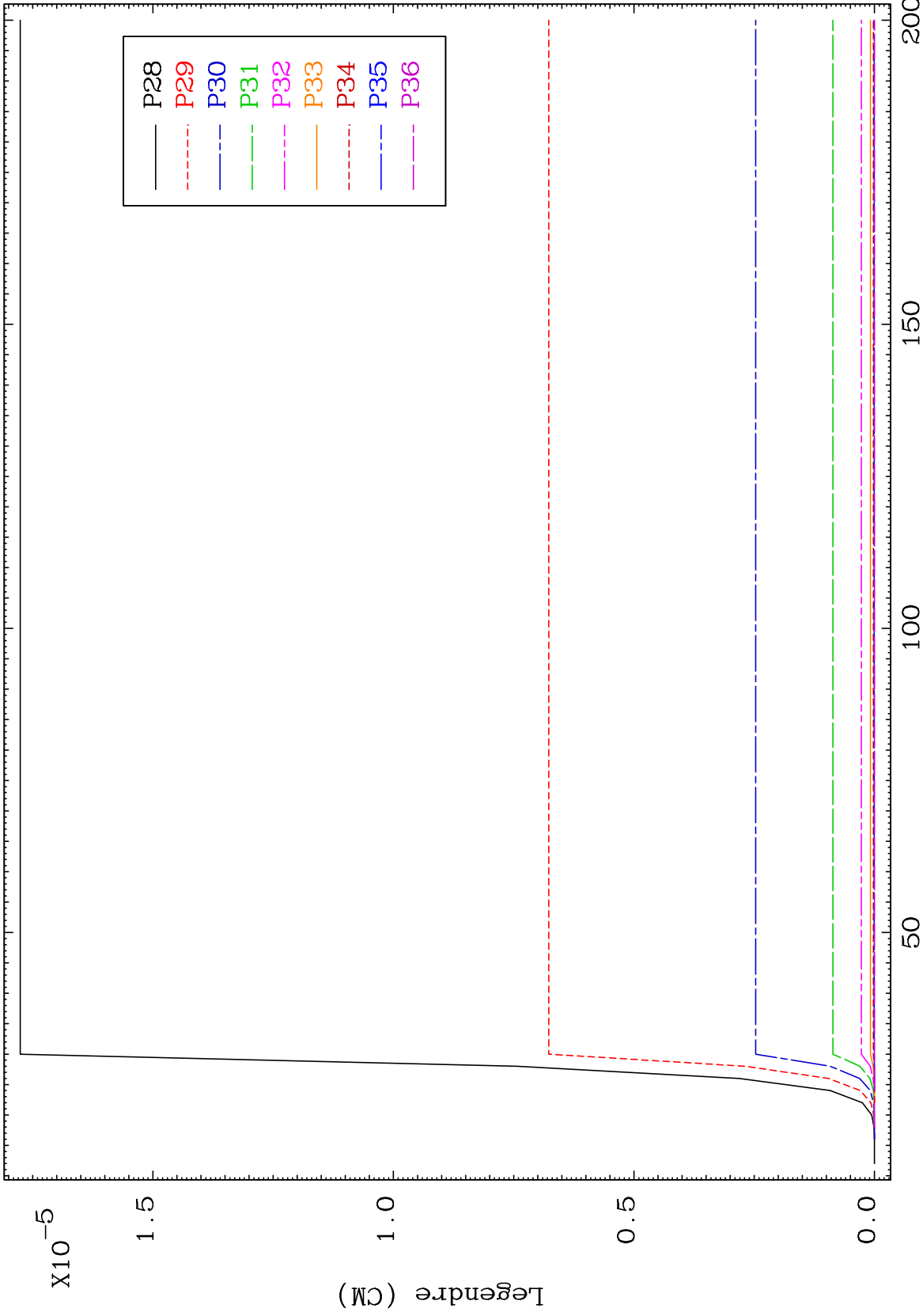
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



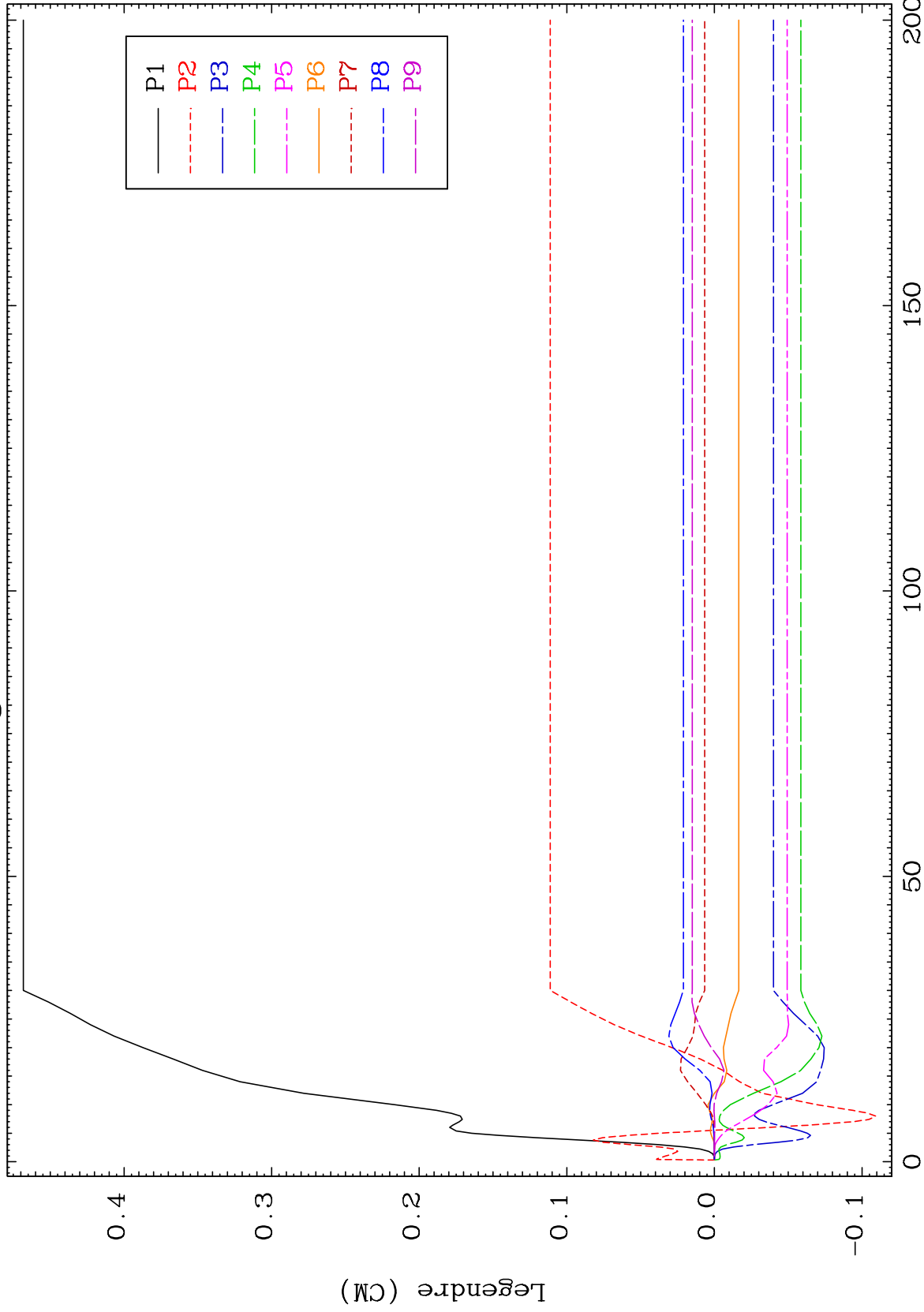
86

77-Ir-180

MAT 7692

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

77-Ir-180



87

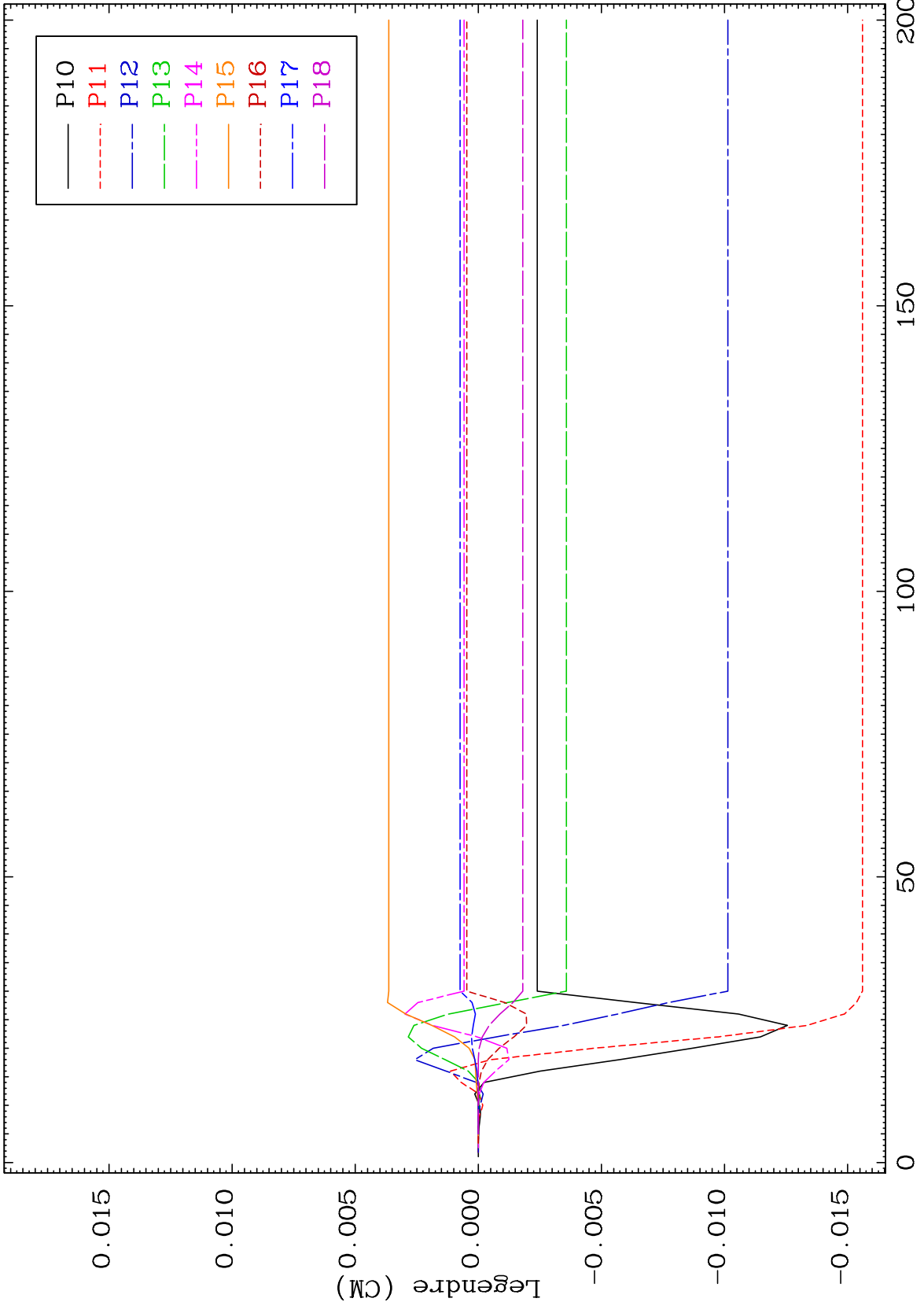
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



88

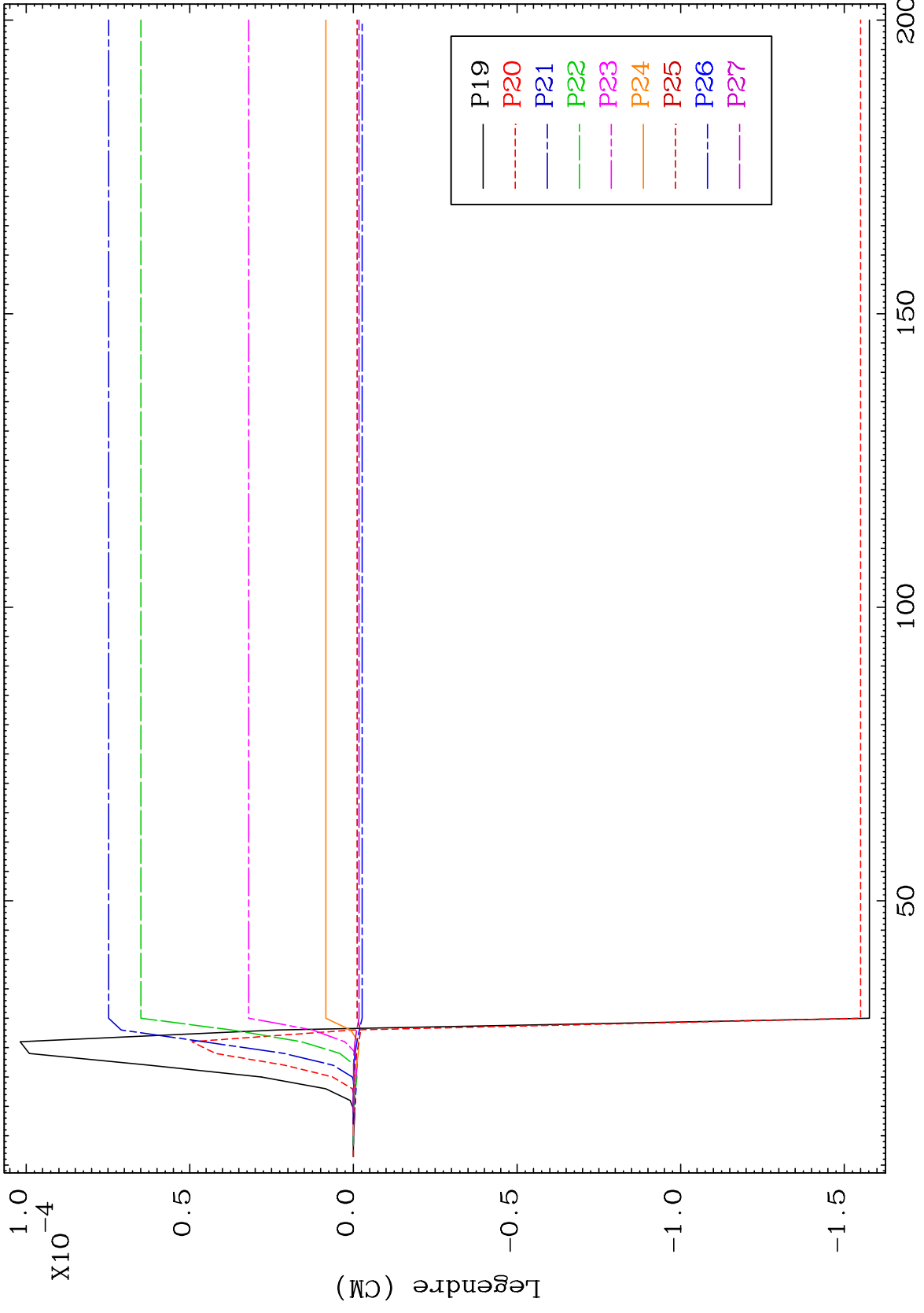
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180

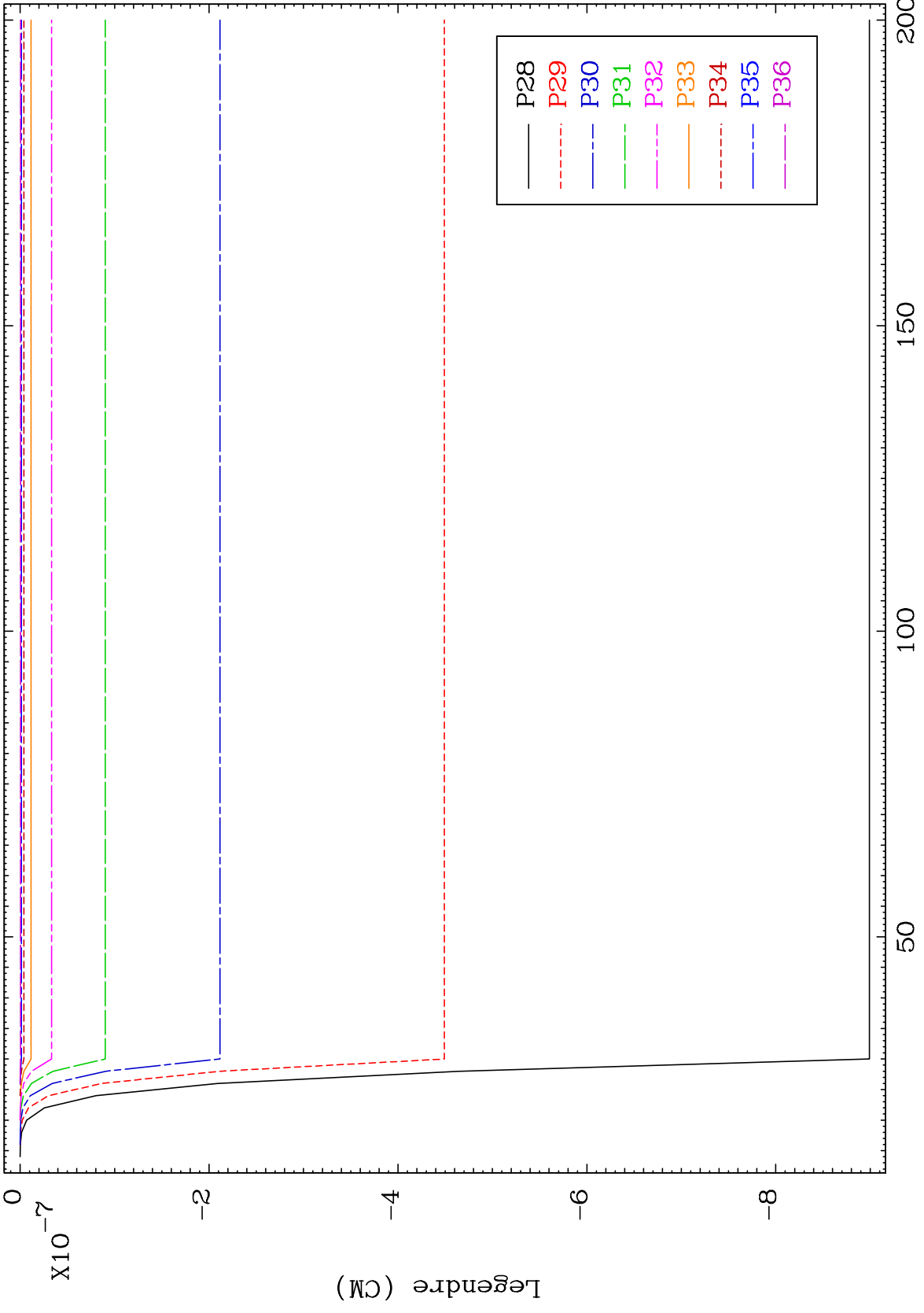


89

Incident Energy (MeV)

77-Ir-180

MAT 7692 MT= 70 (n,n') Level Legendre Coefficients 77-Ir-180

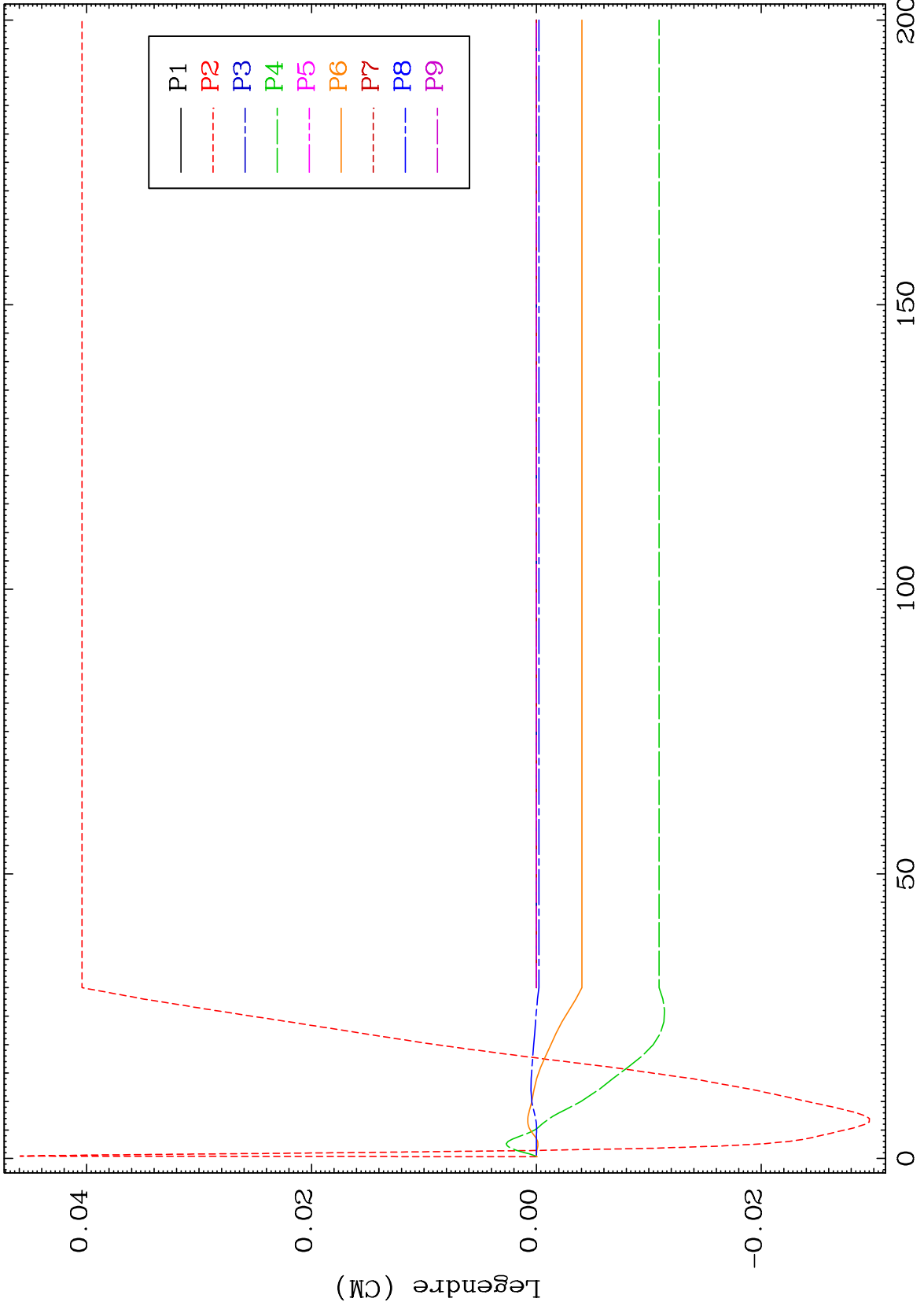


90 Incident Energy (MeV) 77-Ir-180

MAT 7692

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

77-Ir-180



91

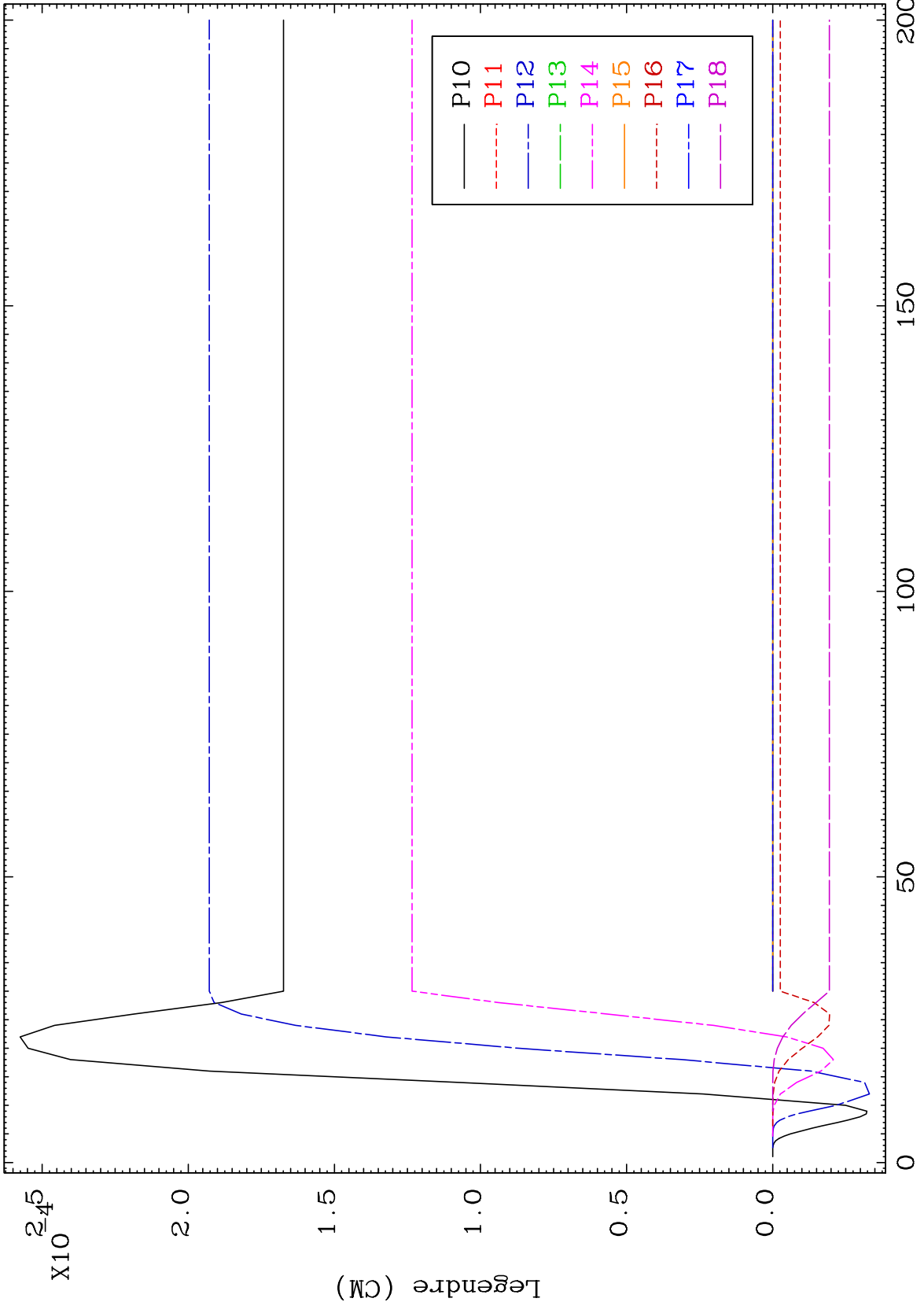
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



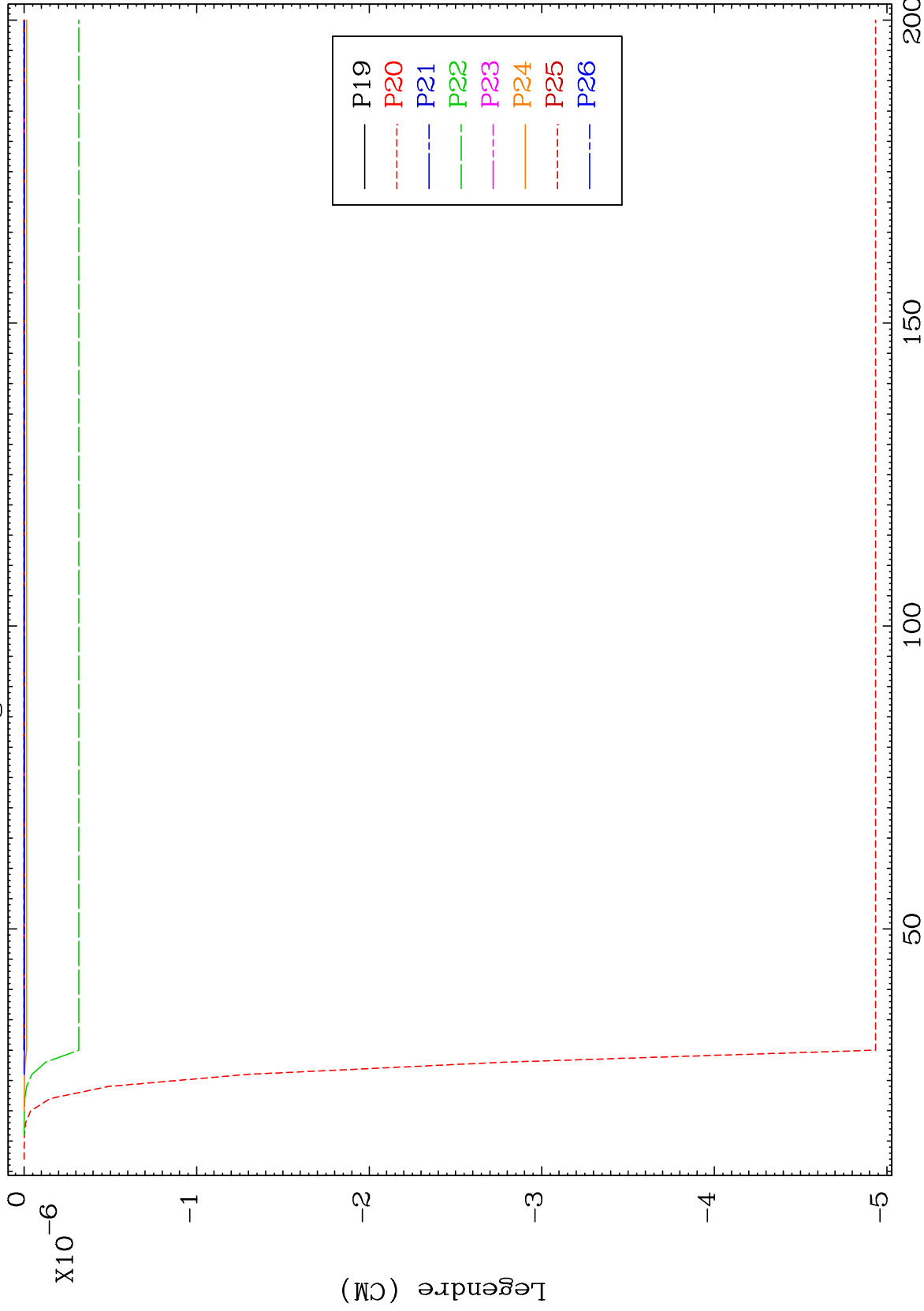
92

77-Ir-180

MAT 7692

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

77-Ir-180



93

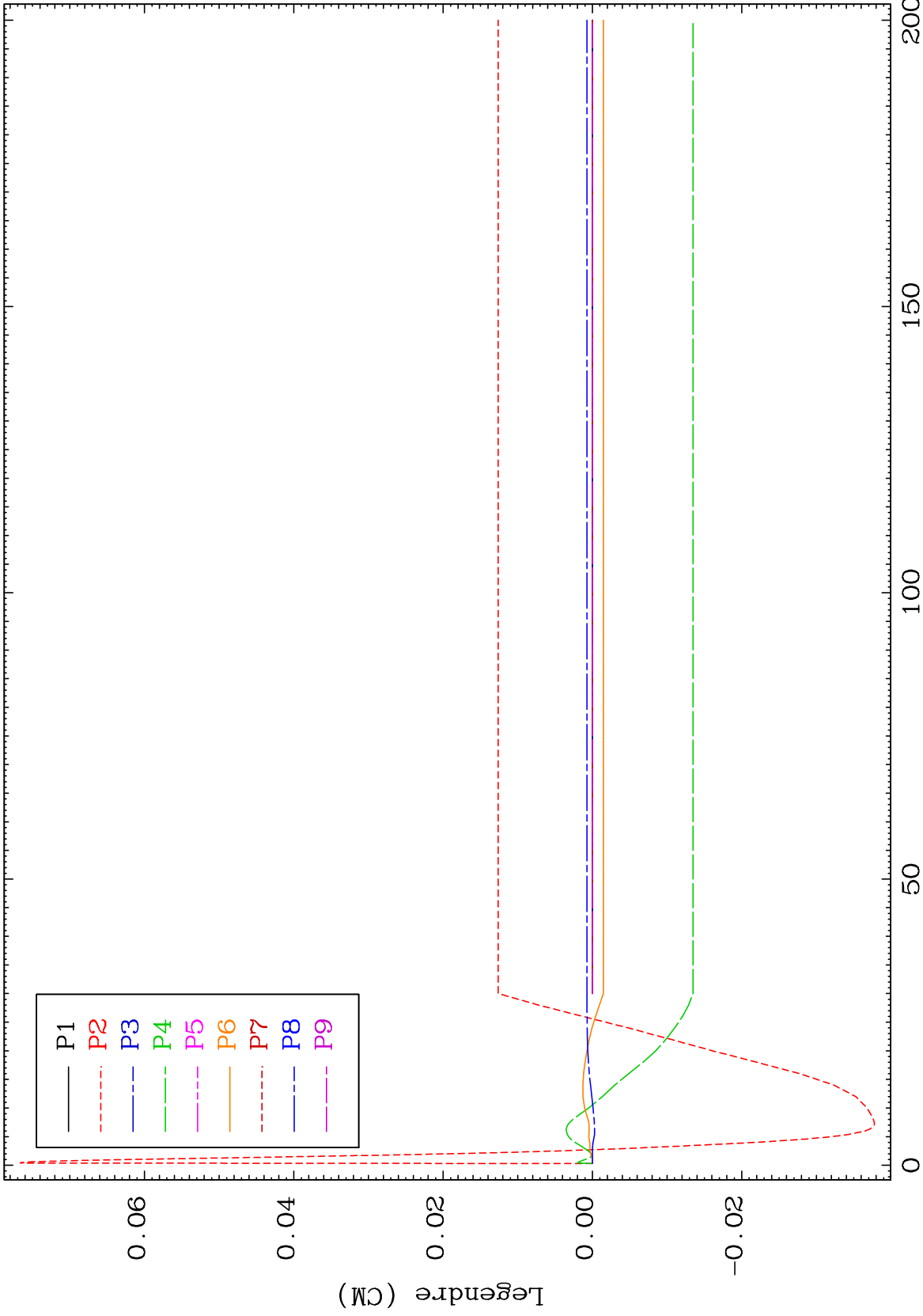
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



94

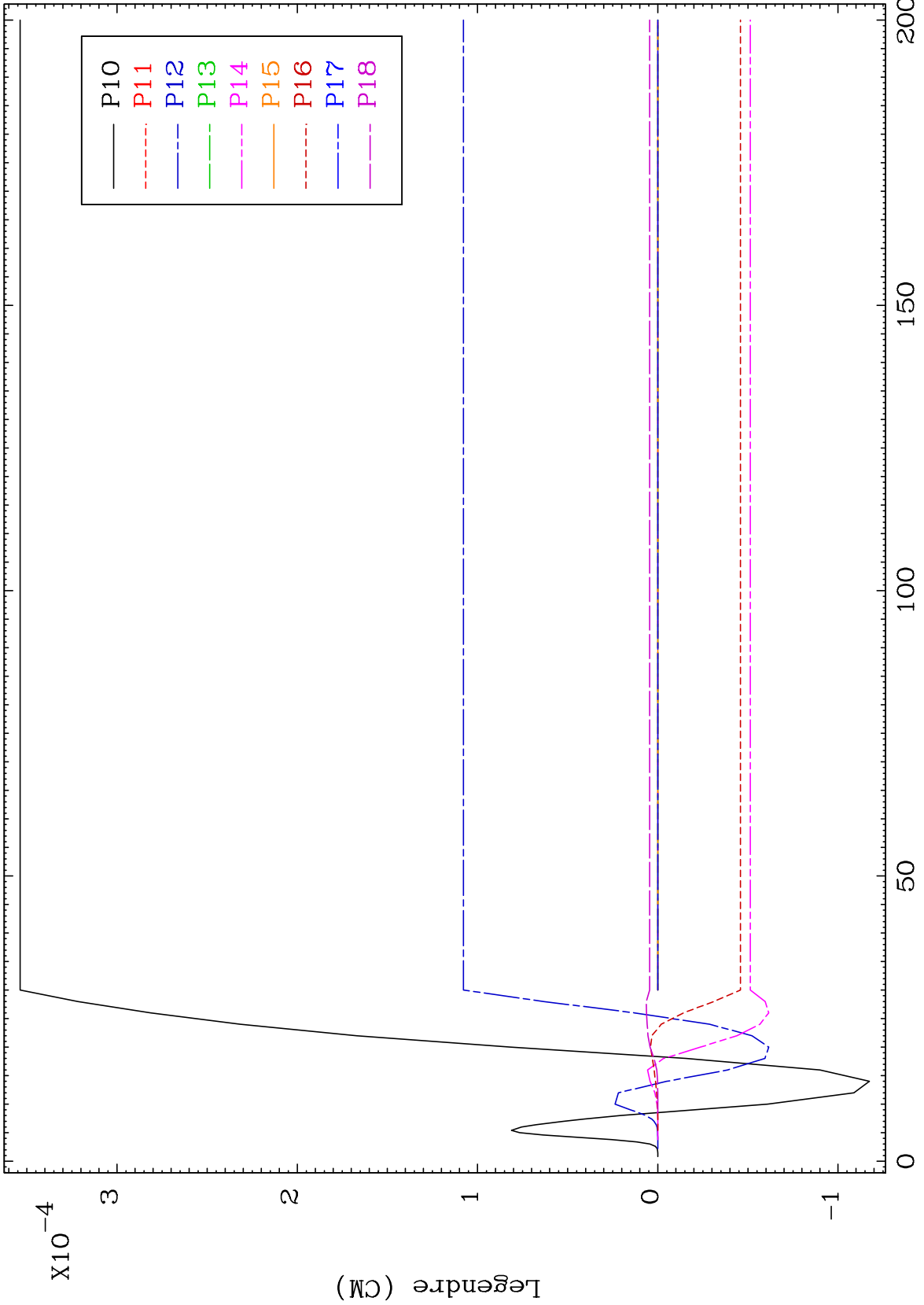
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180

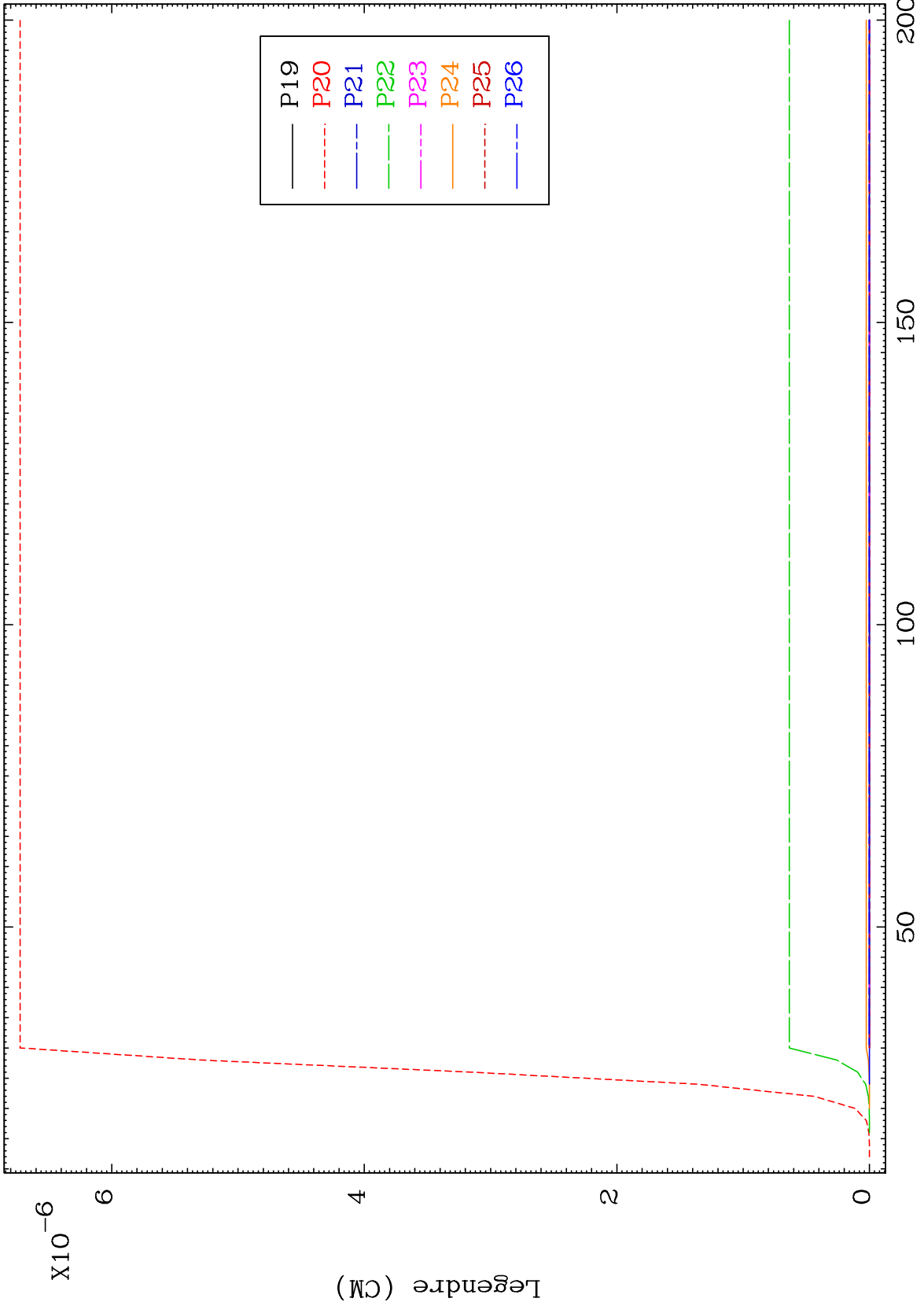


95

Incident Energy (MeV)

77-Ir-180

MAT 7692 MT= 72 (n,n') Level Legendre Coefficients 77-Ir-180

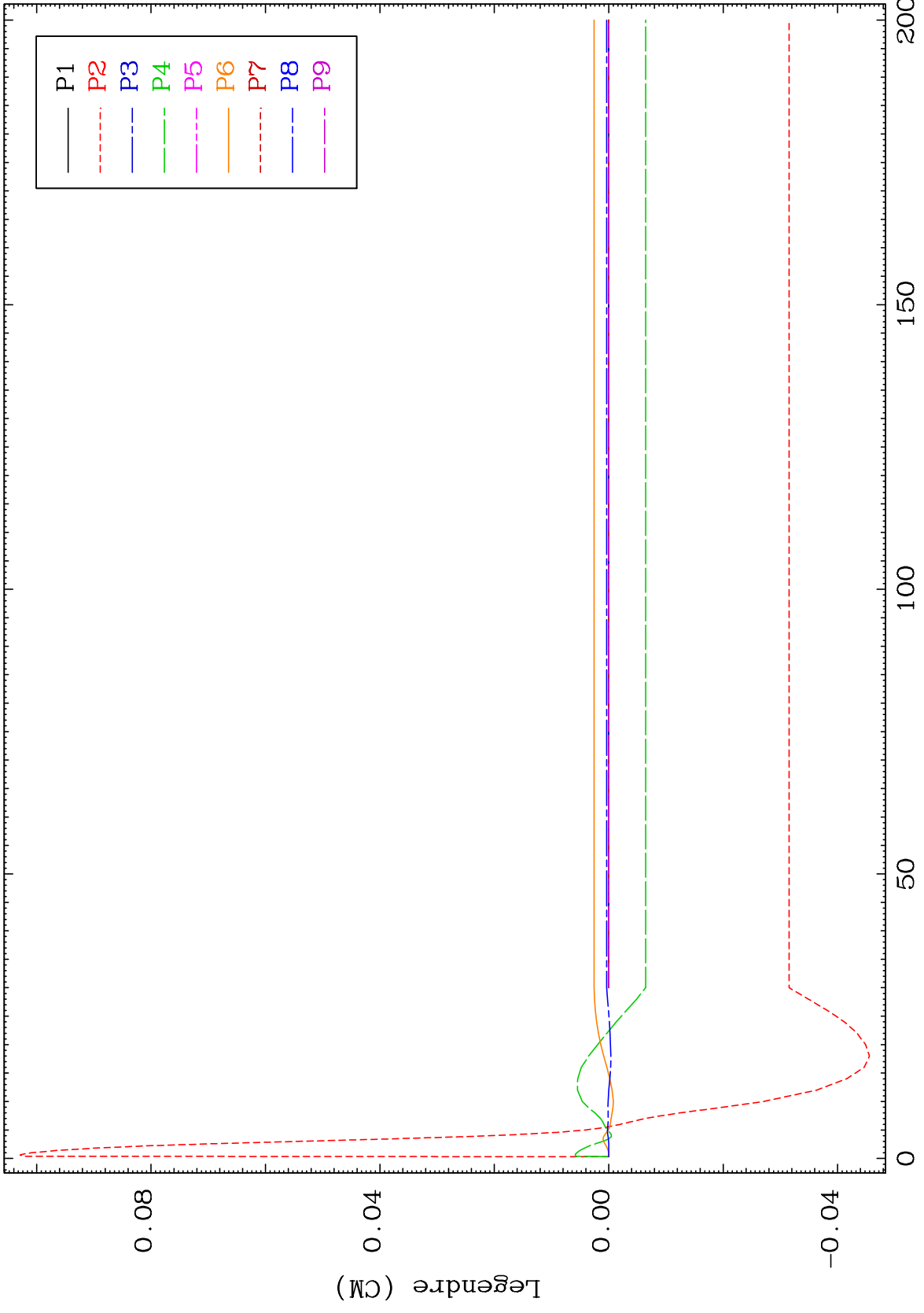


96 77-Ir-180

MAT 7692

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

77-Ir-180



97

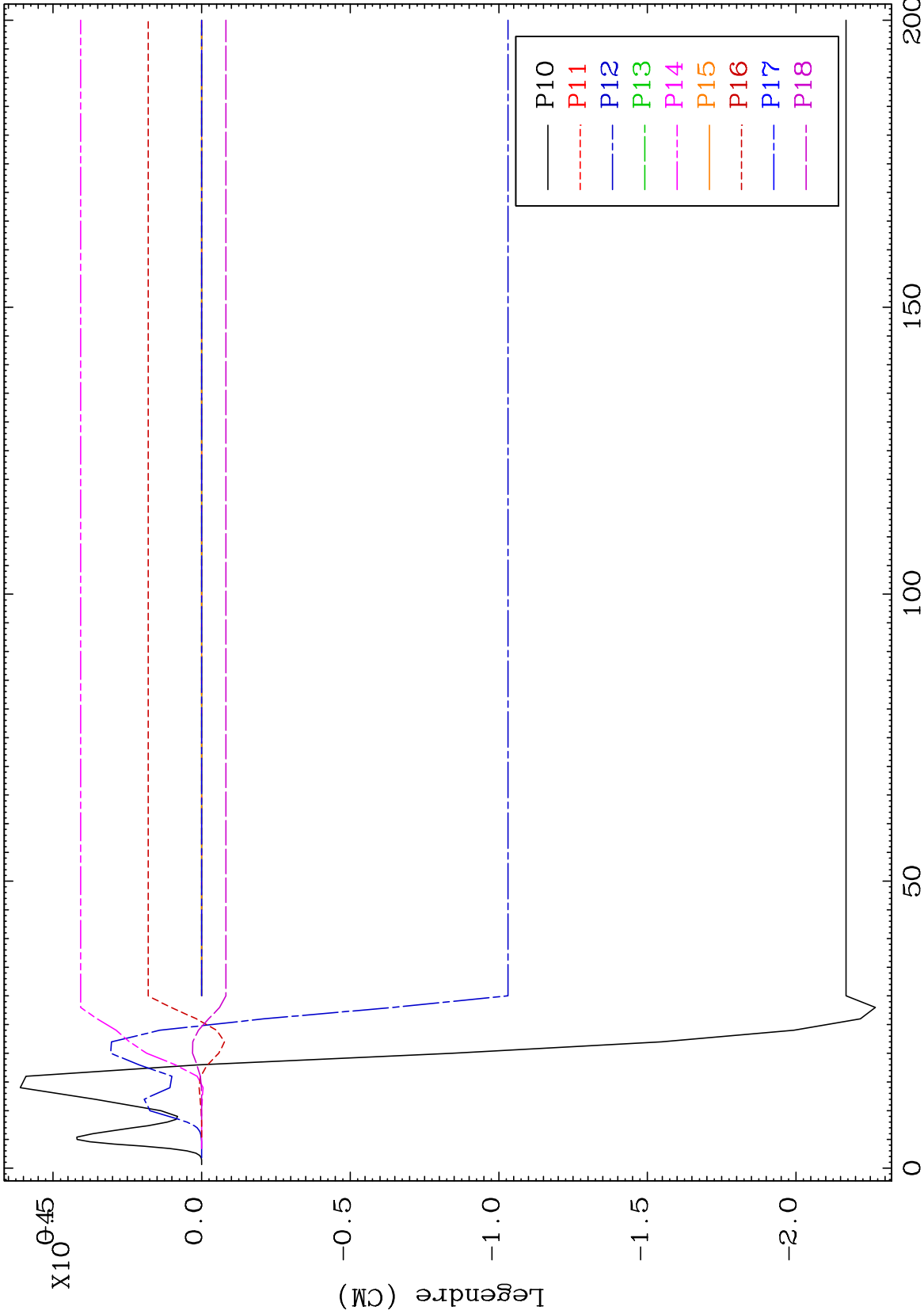
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



98

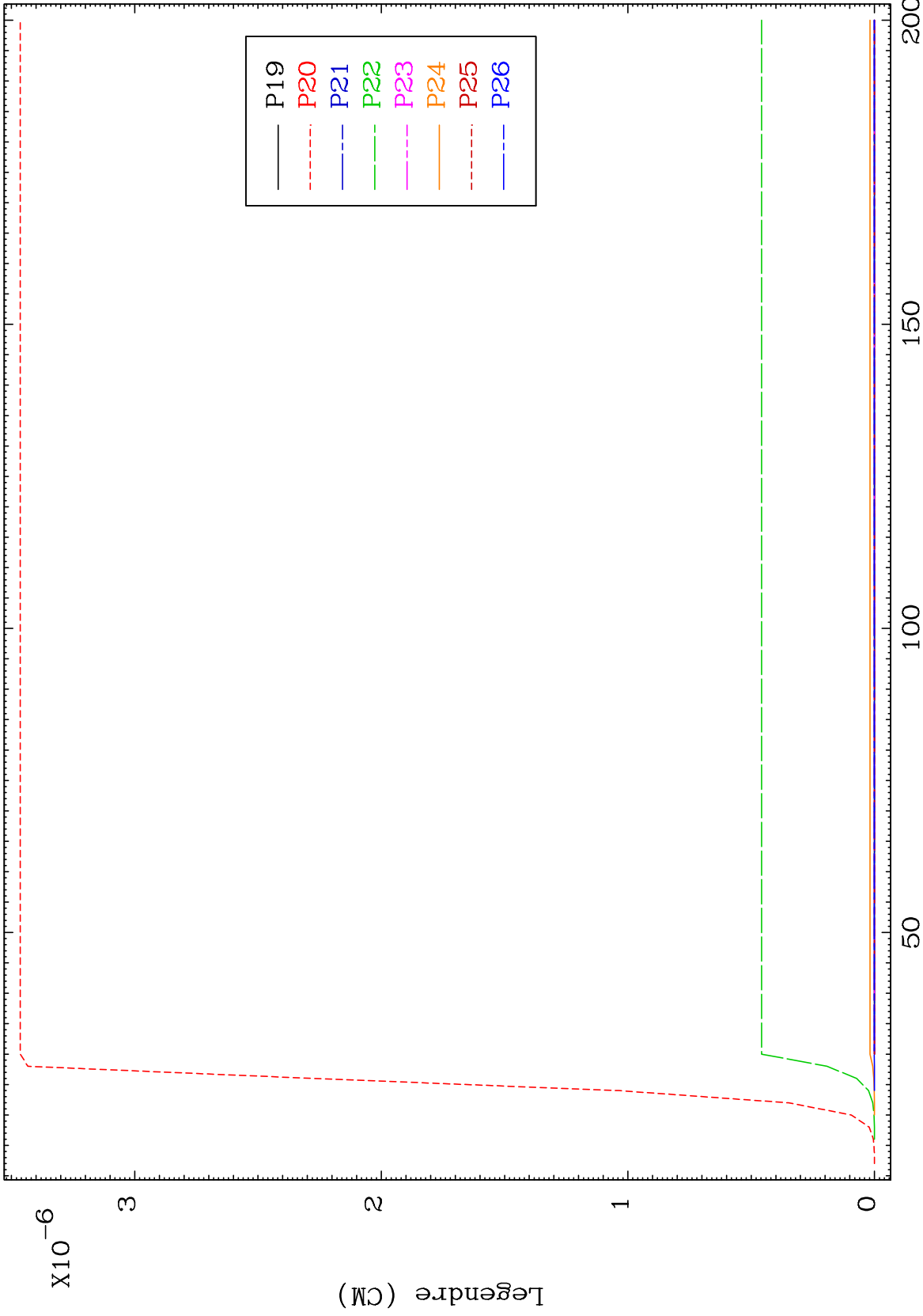
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



99

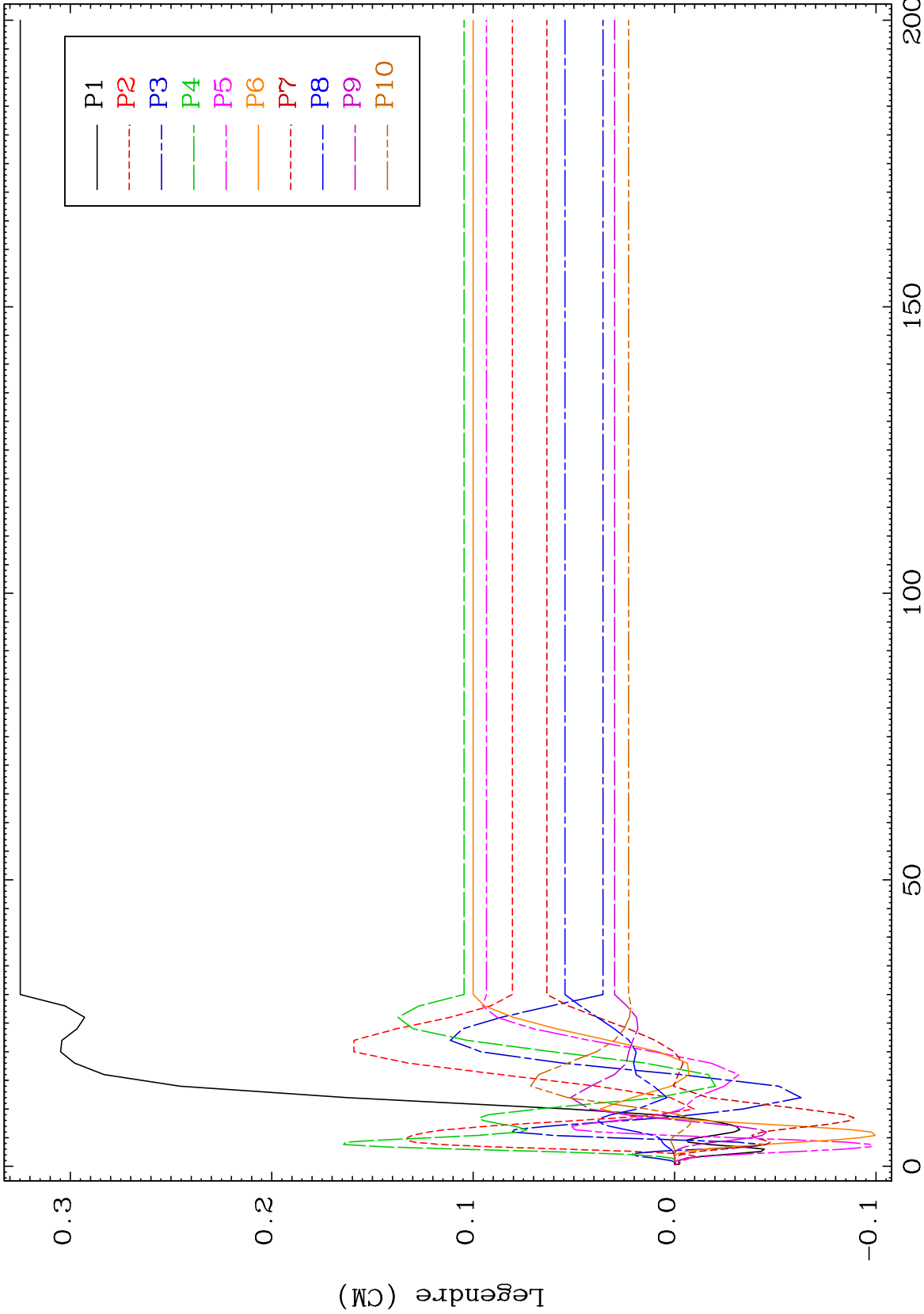
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



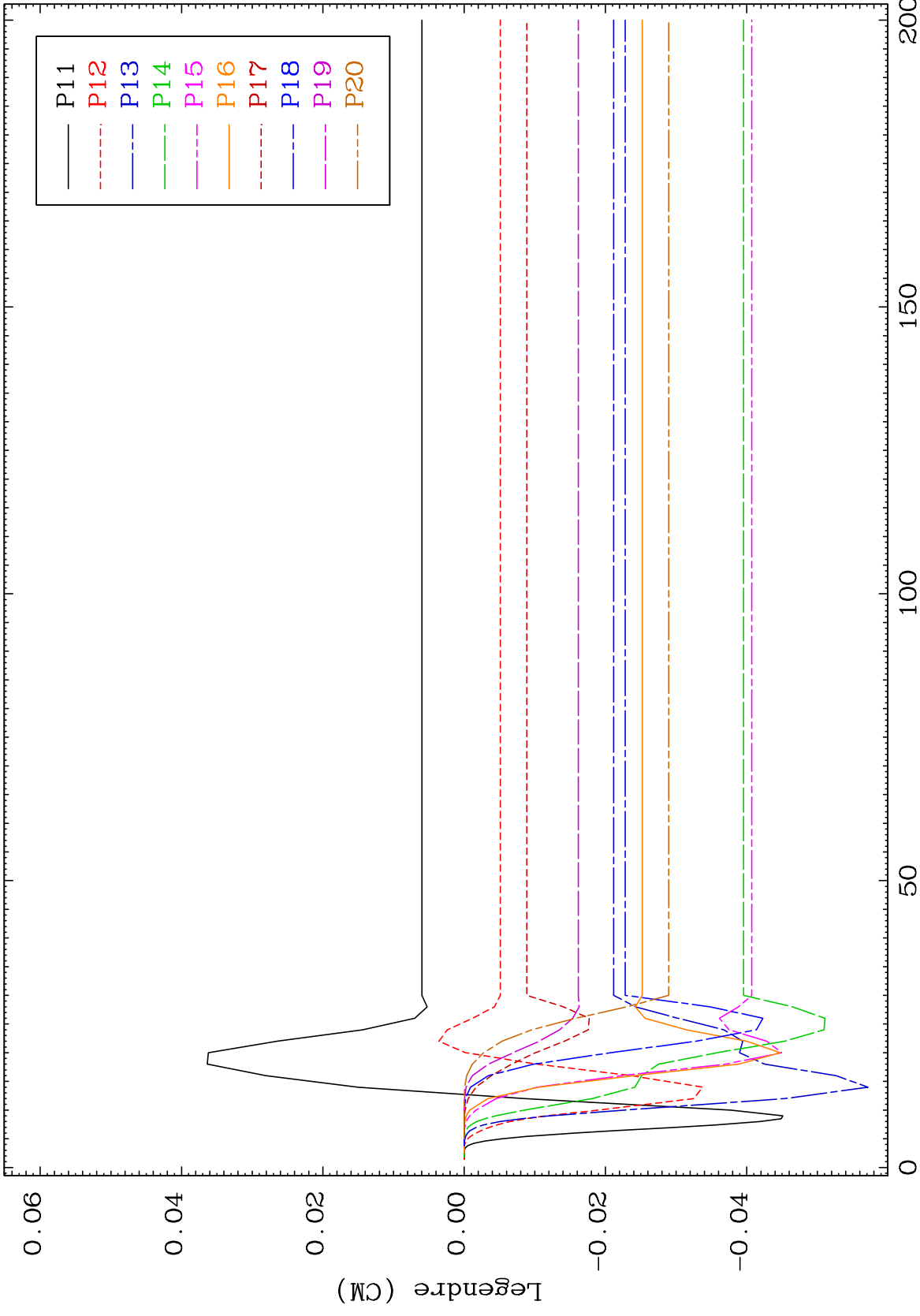
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180

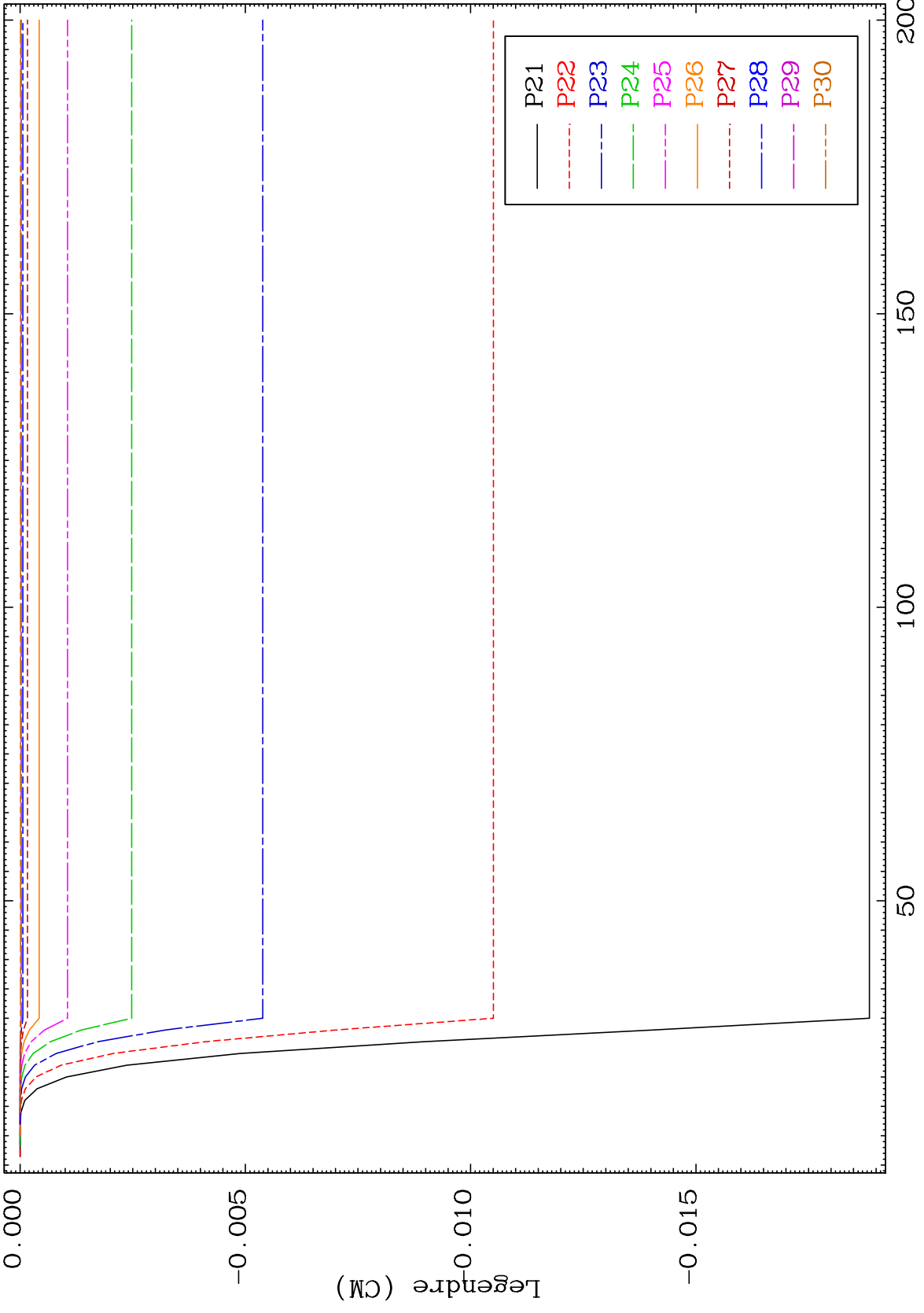


101

Incident Energy (MeV)

77-Ir-180

MAT 7692 MT= 74 (n,n') Level Legendre Coefficients 77-Ir-180

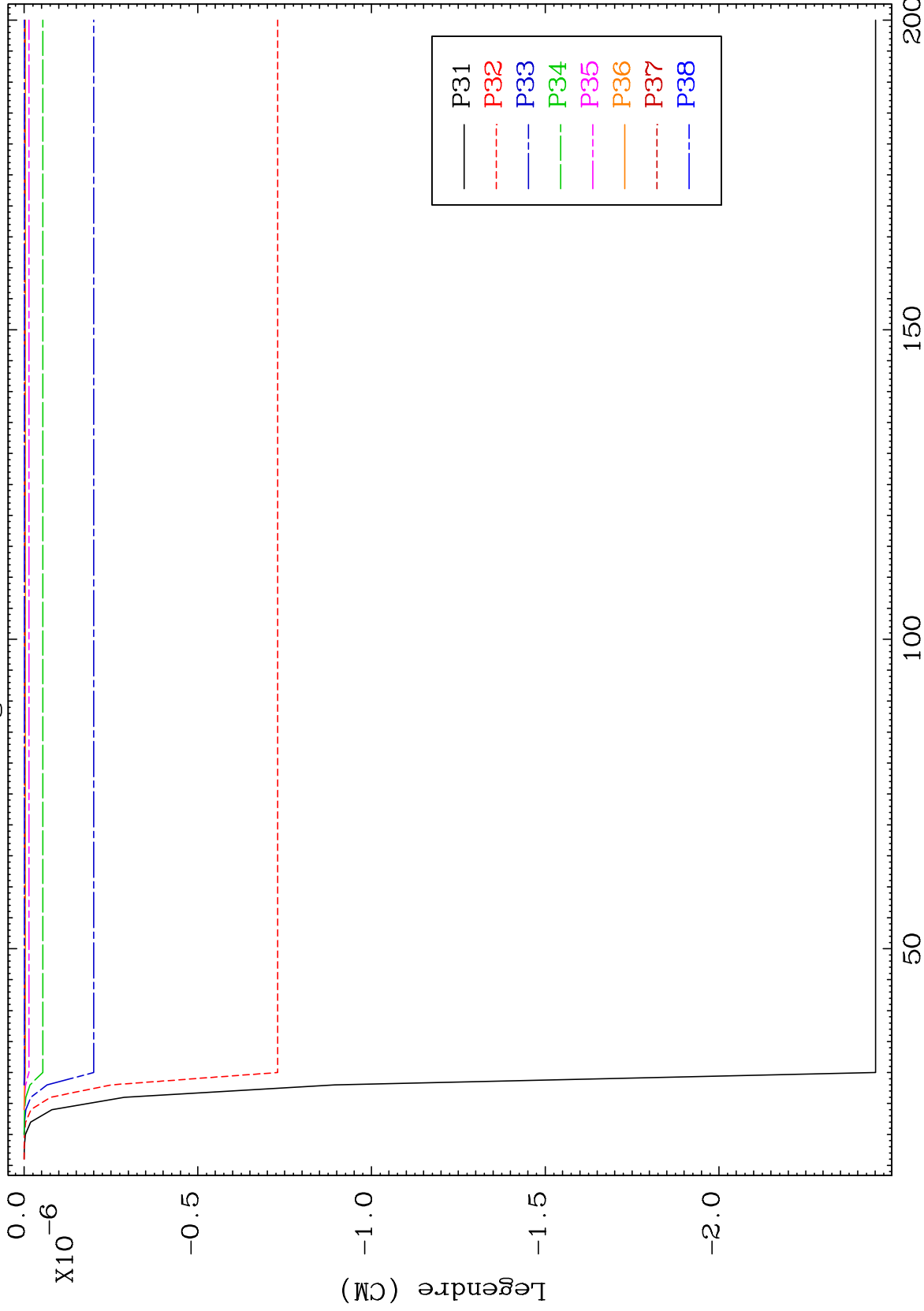


102 77-Ir-180

MAT 7692

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

77-Ir-180



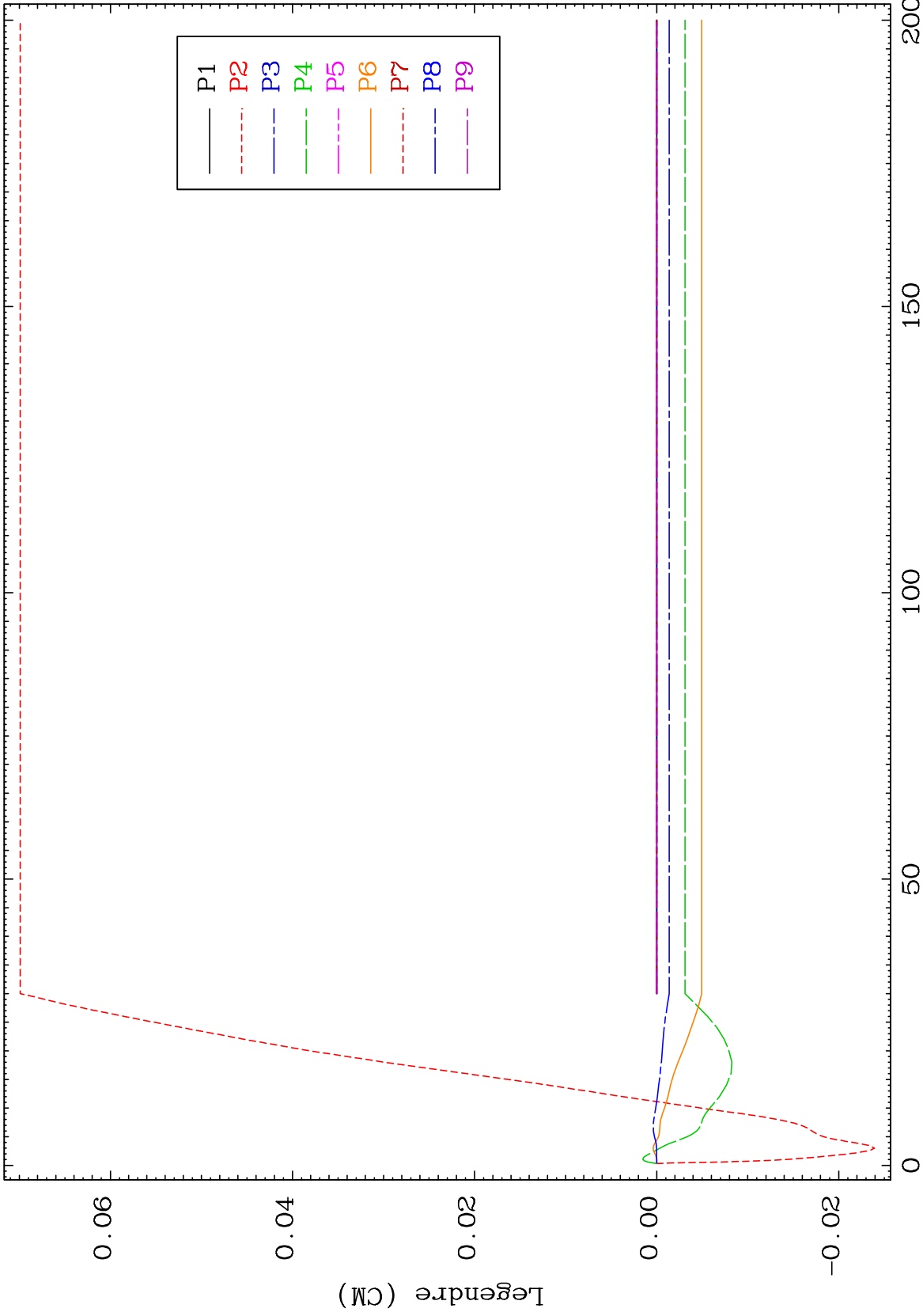
103

77-Ir-180

MAT 7692

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

77-Ir-180



104

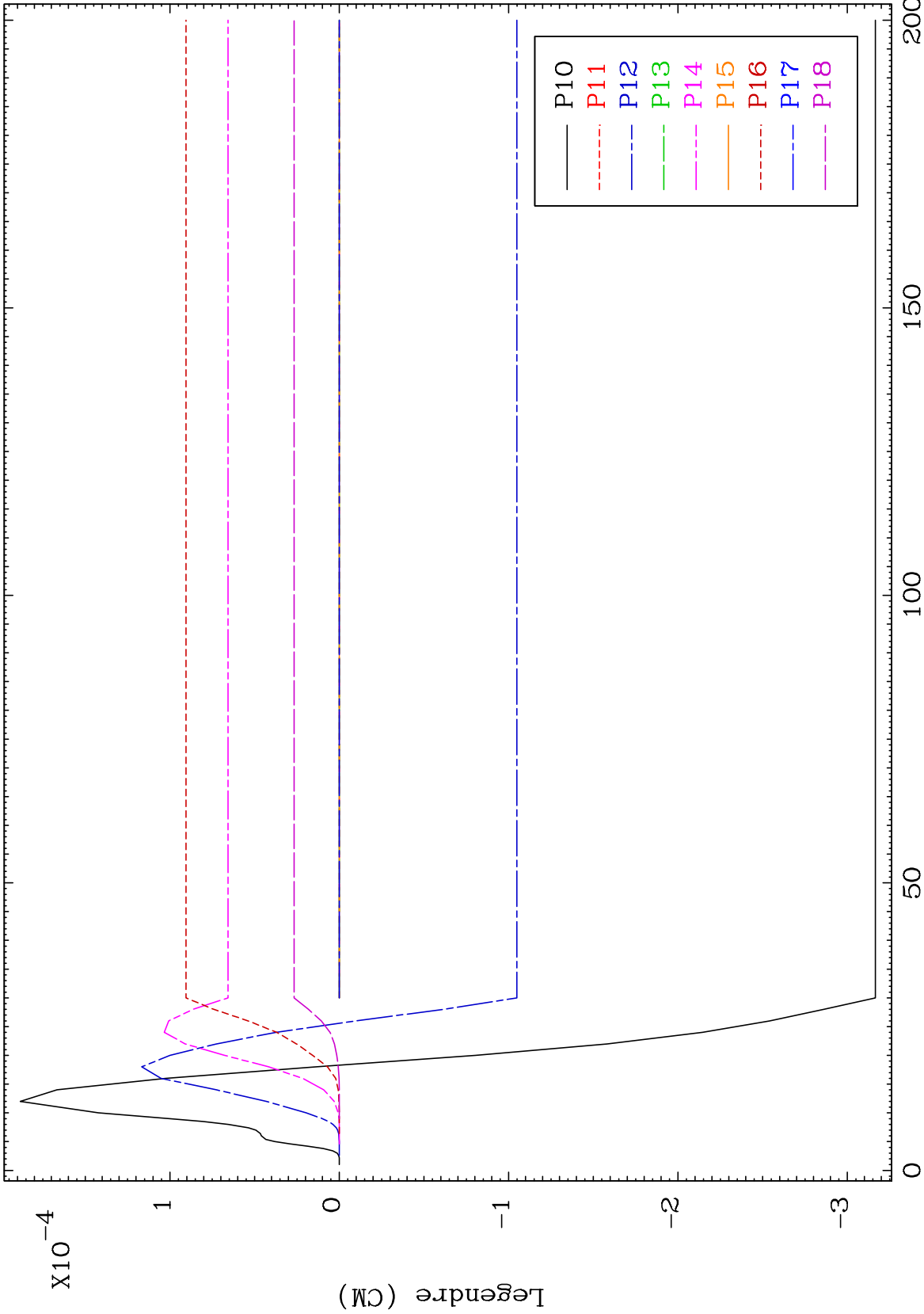
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



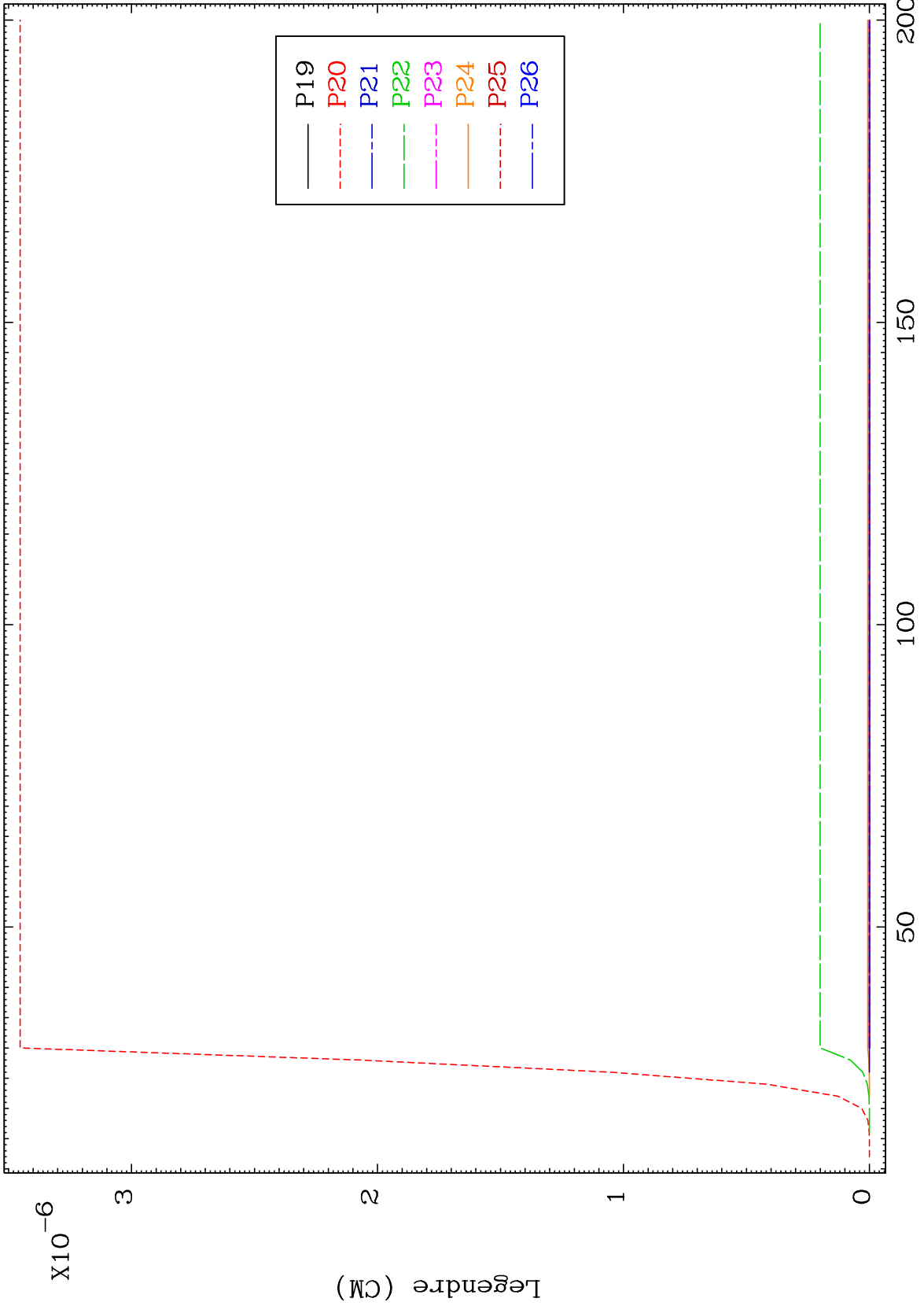
105

77-Ir-180

MAT 7692

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

77-Ir-180



77-Ir-180

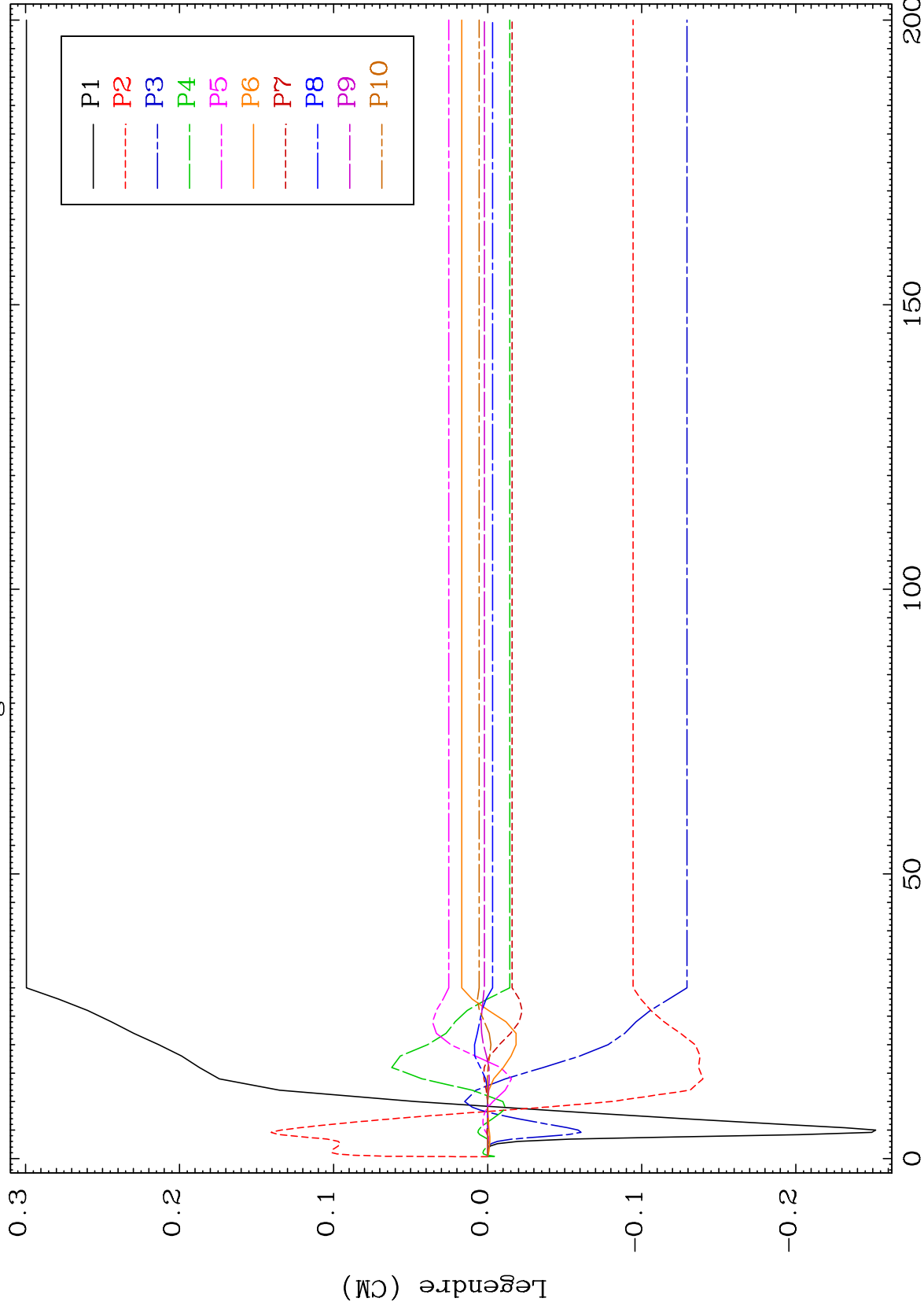
Incident Energy (MeV)

106

MAT 7692

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

77-Ir-180



107

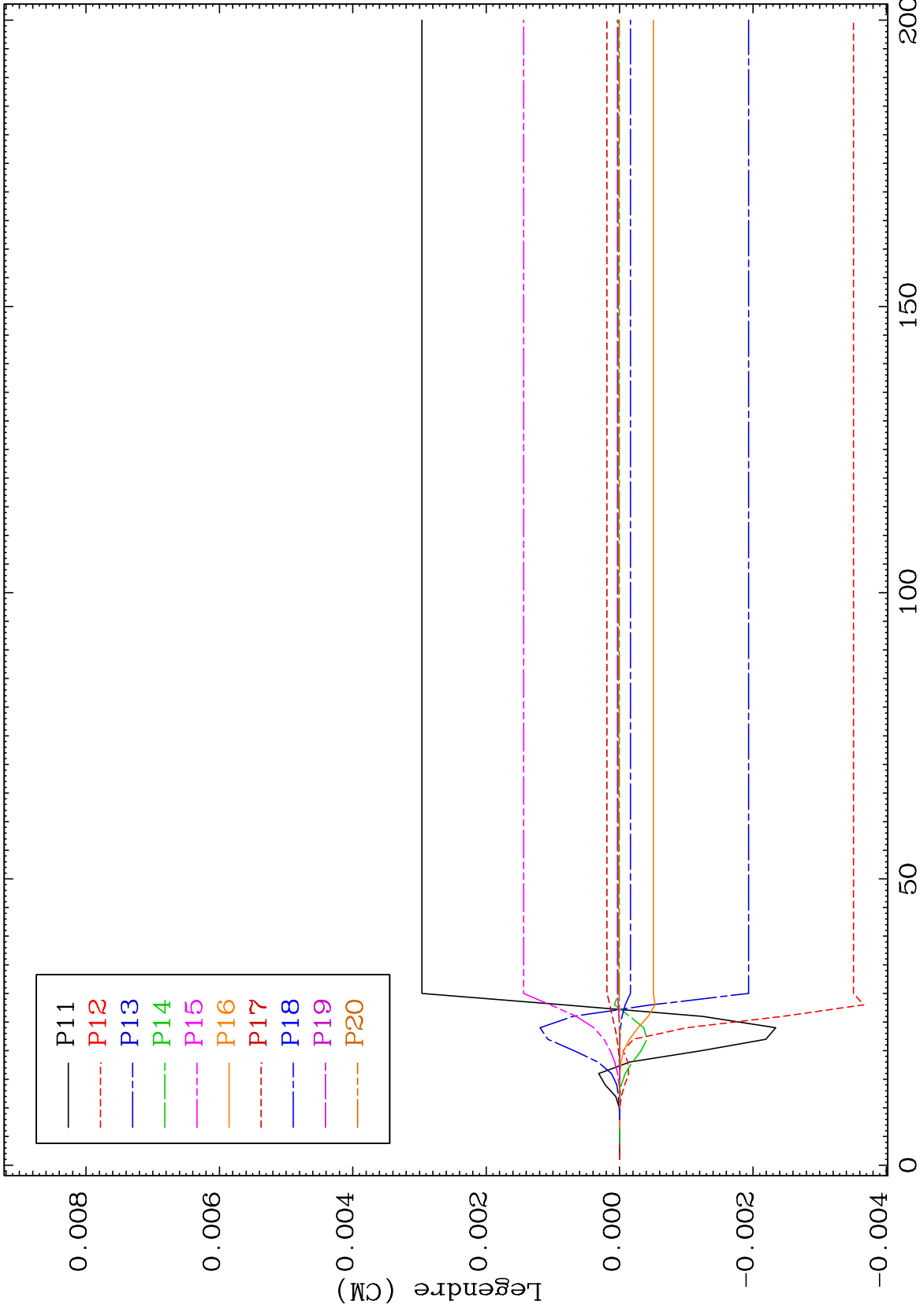
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



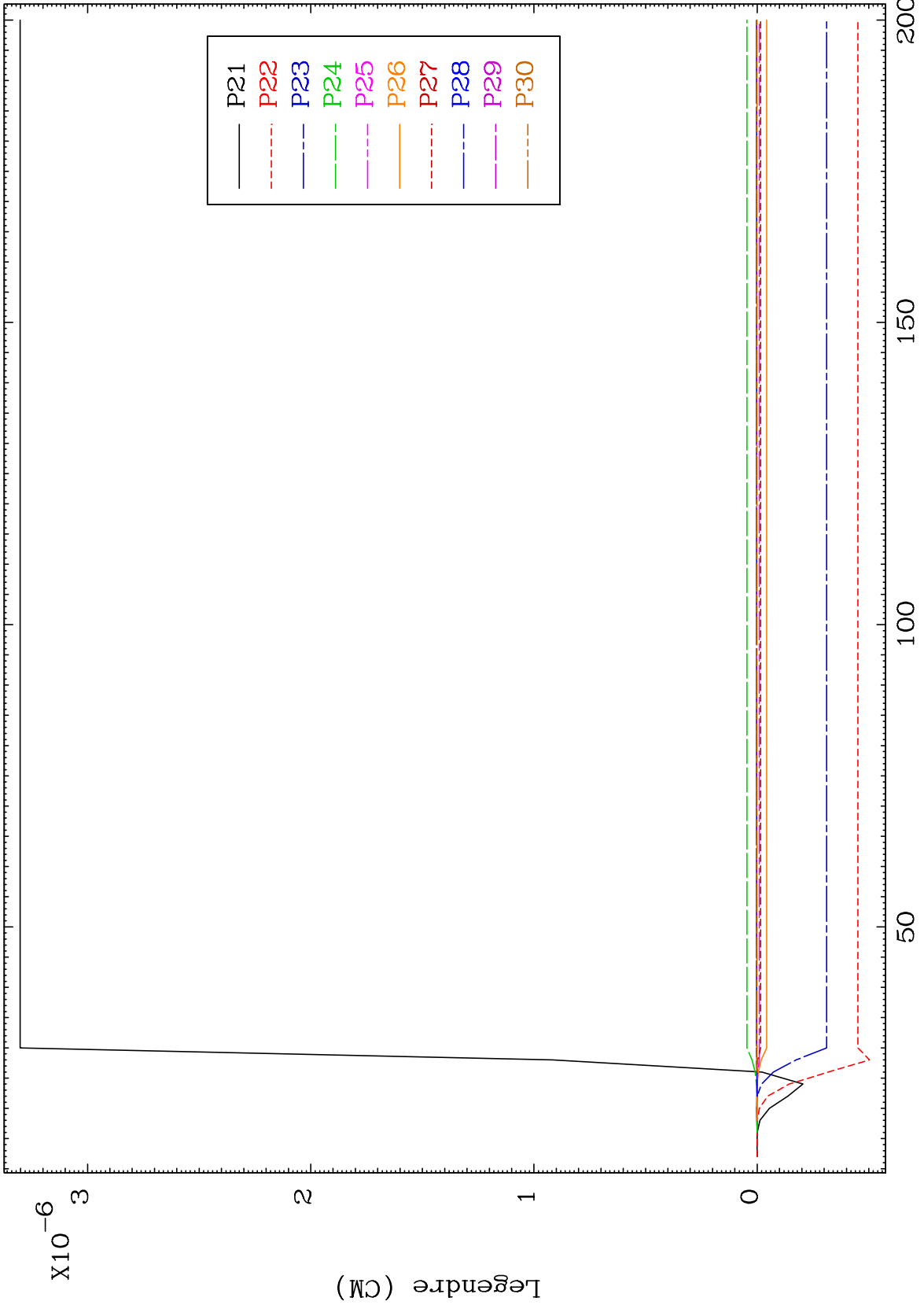
108

77-Ir-180

MAT 7692

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

77-Ir-180



109

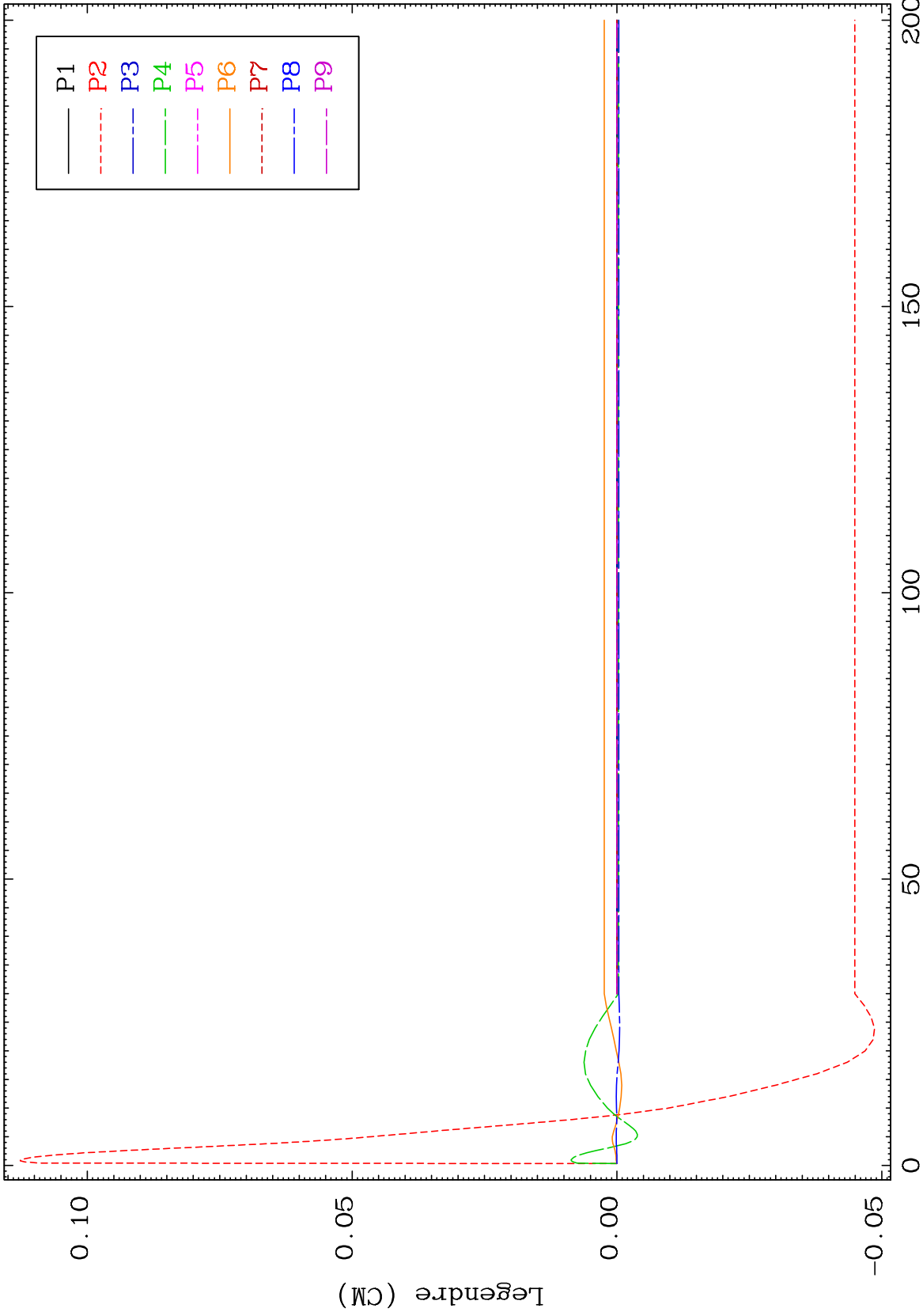
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



77-Ir-180

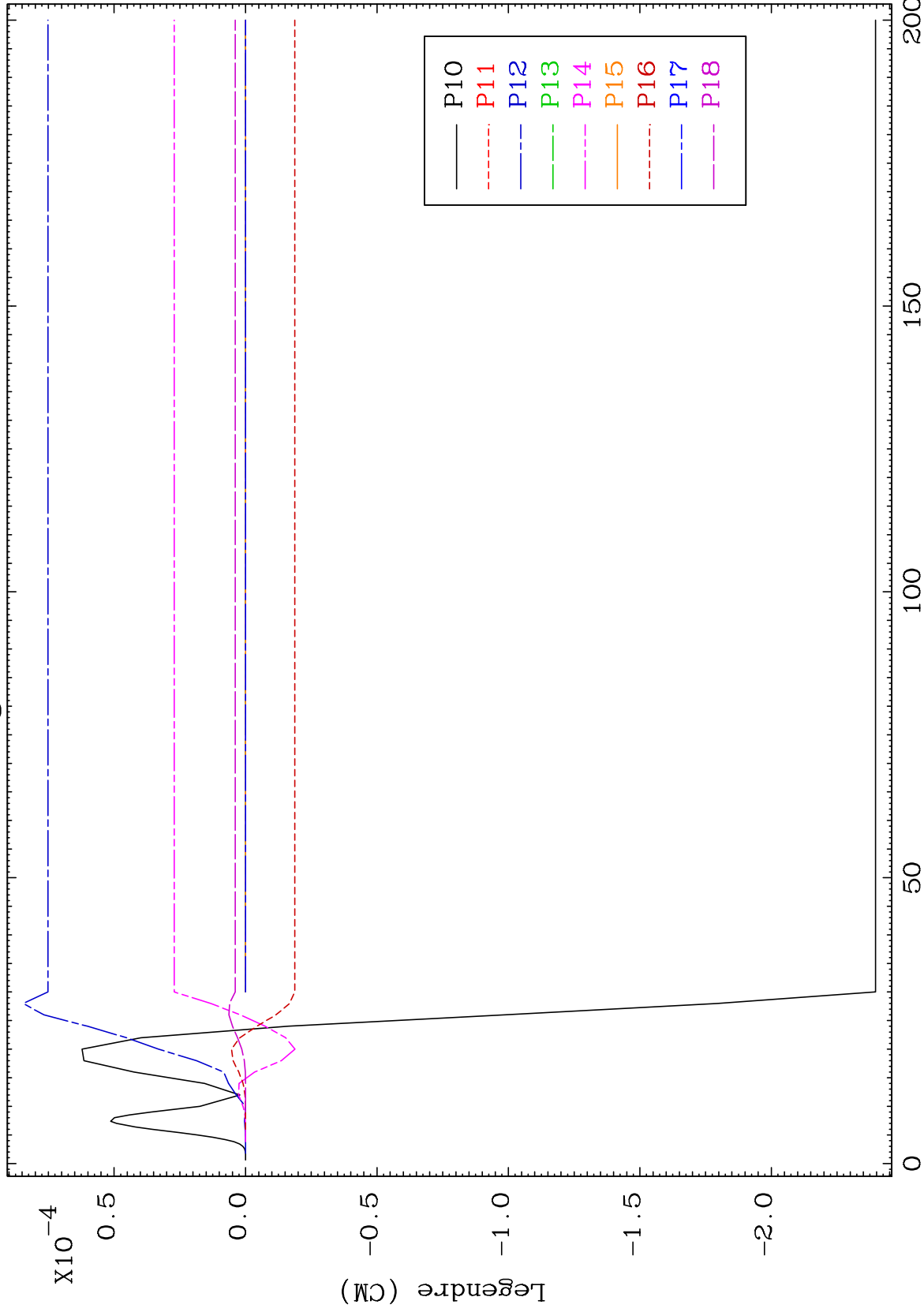
Incident Energy (MeV)

110

MAT 7692

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

77-Ir-180

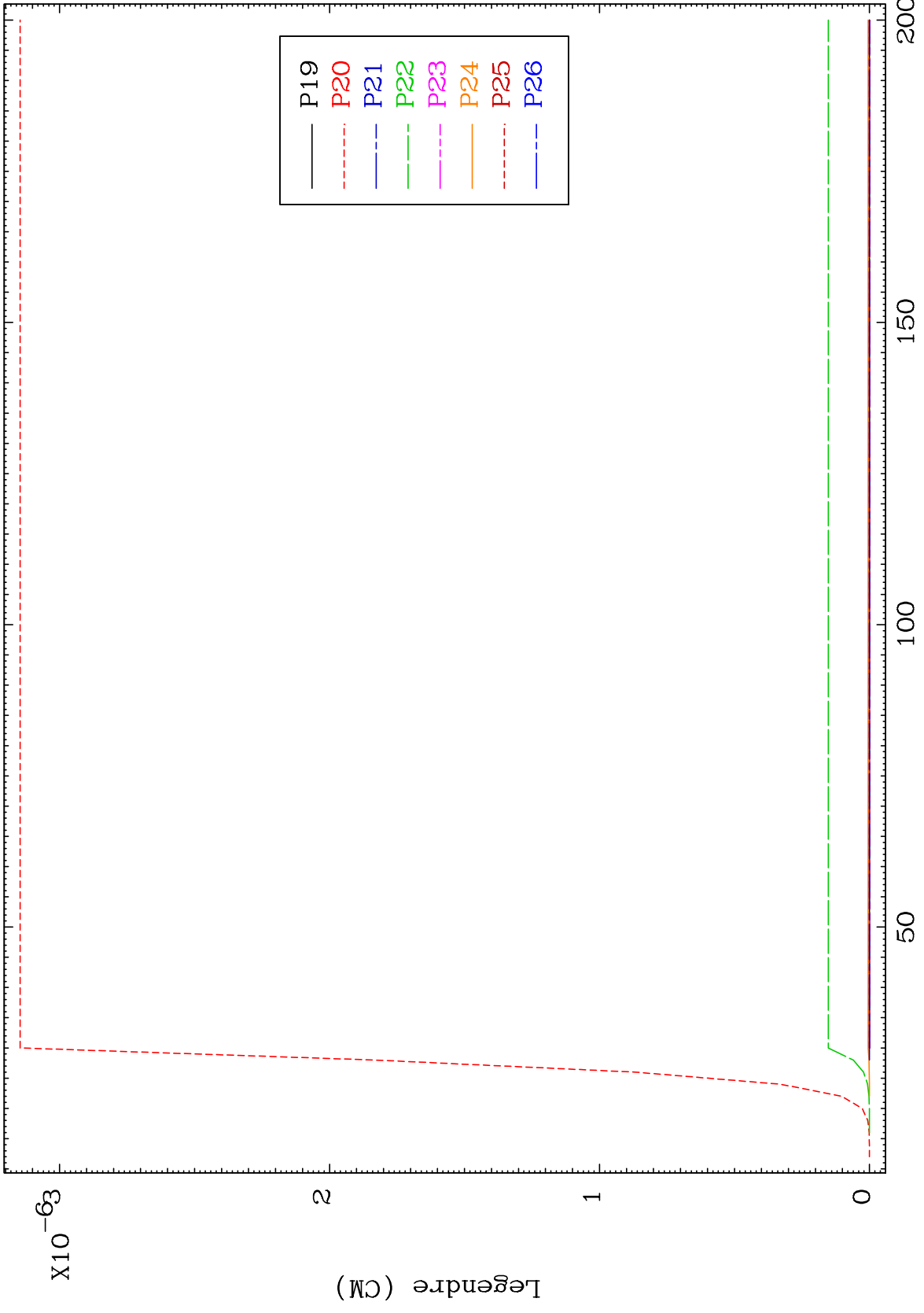


111

Incident Energy (MeV)

77-Ir-180

MAT 7692 MT= 77 (n,n') Level Legendre Coefficients 77-Ir-180

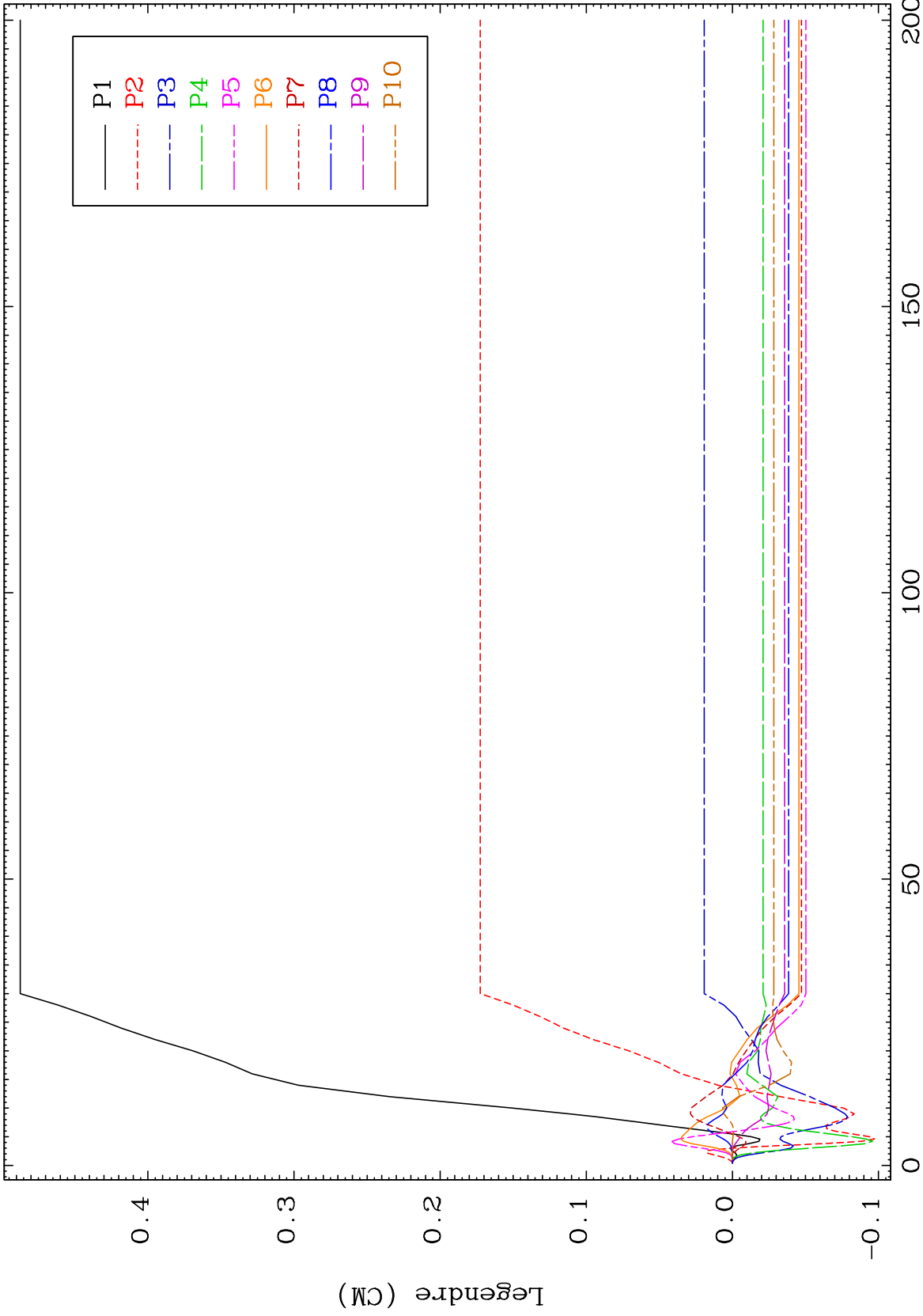


112 Incident Energy (MeV) 77-Ir-180

MAT 7692

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

77-Ir-180



113

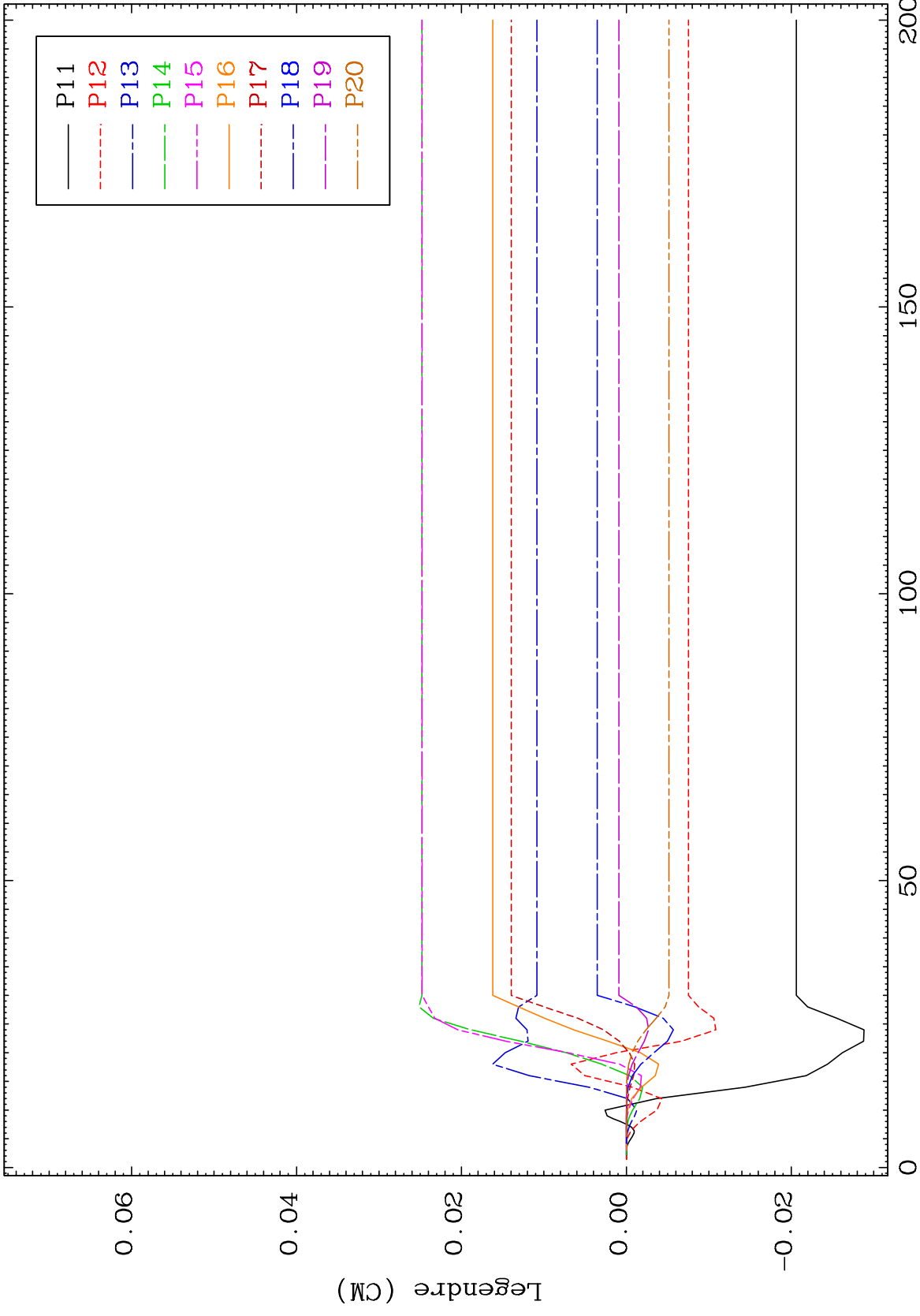
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



114

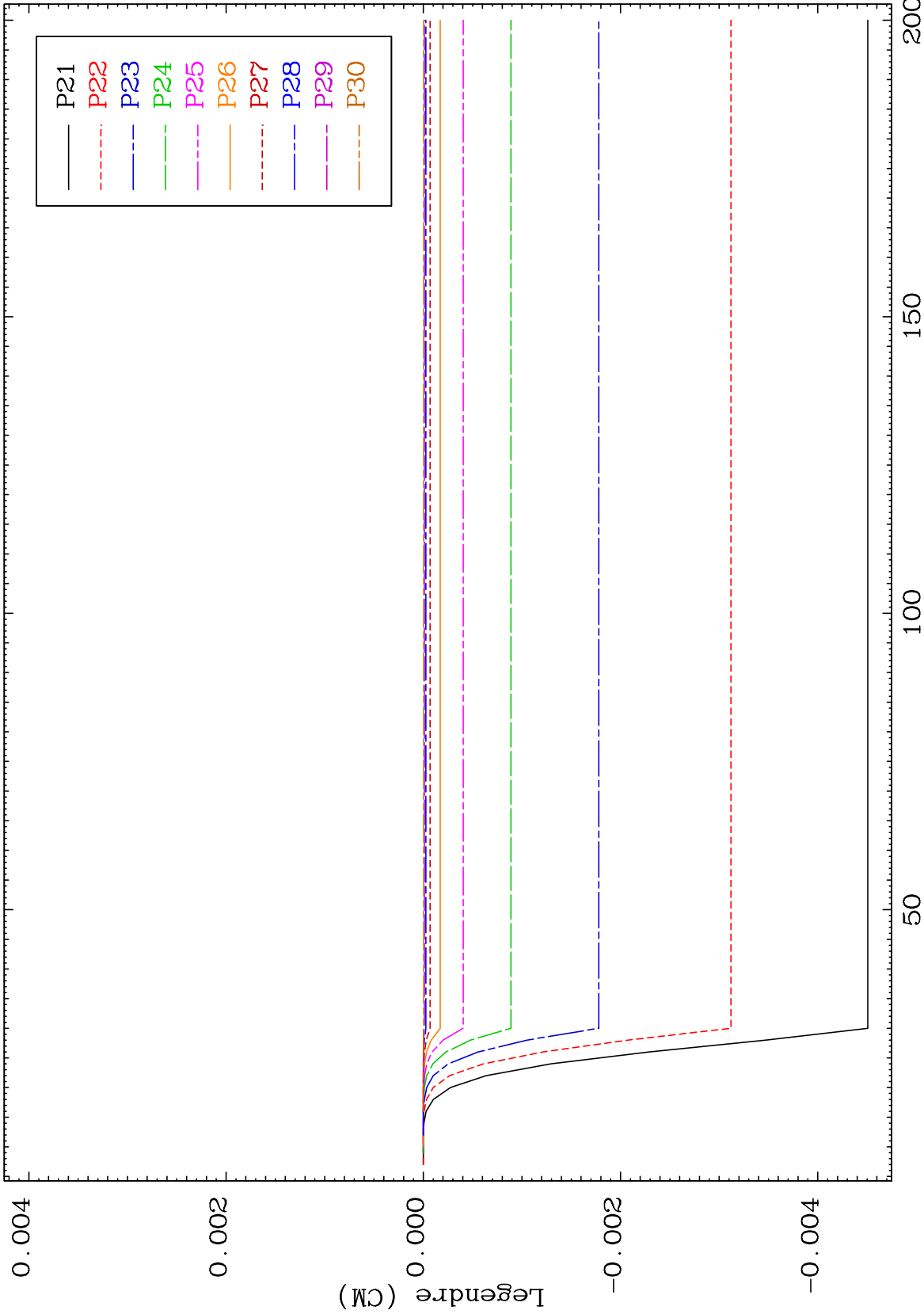
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



115

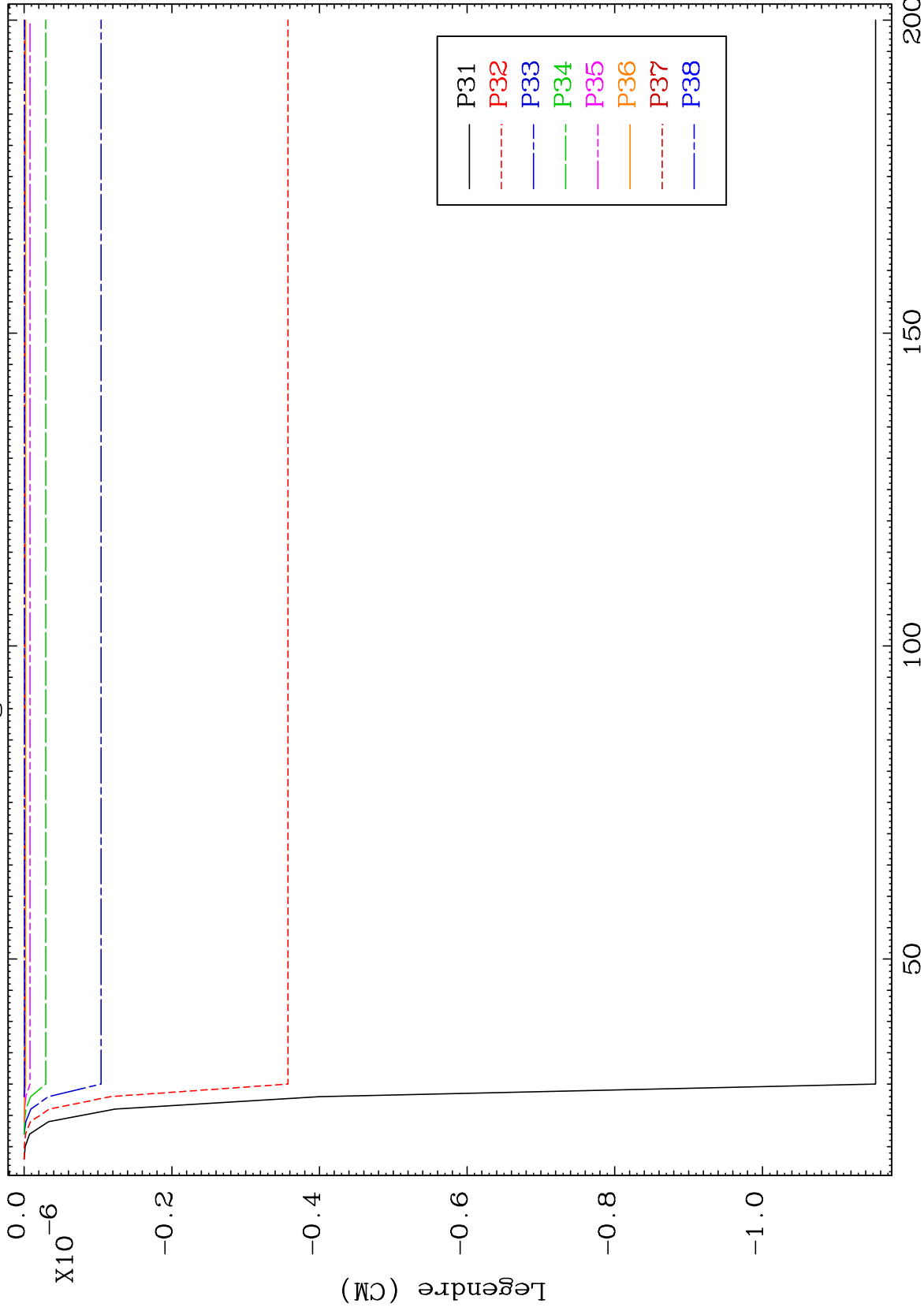
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



116

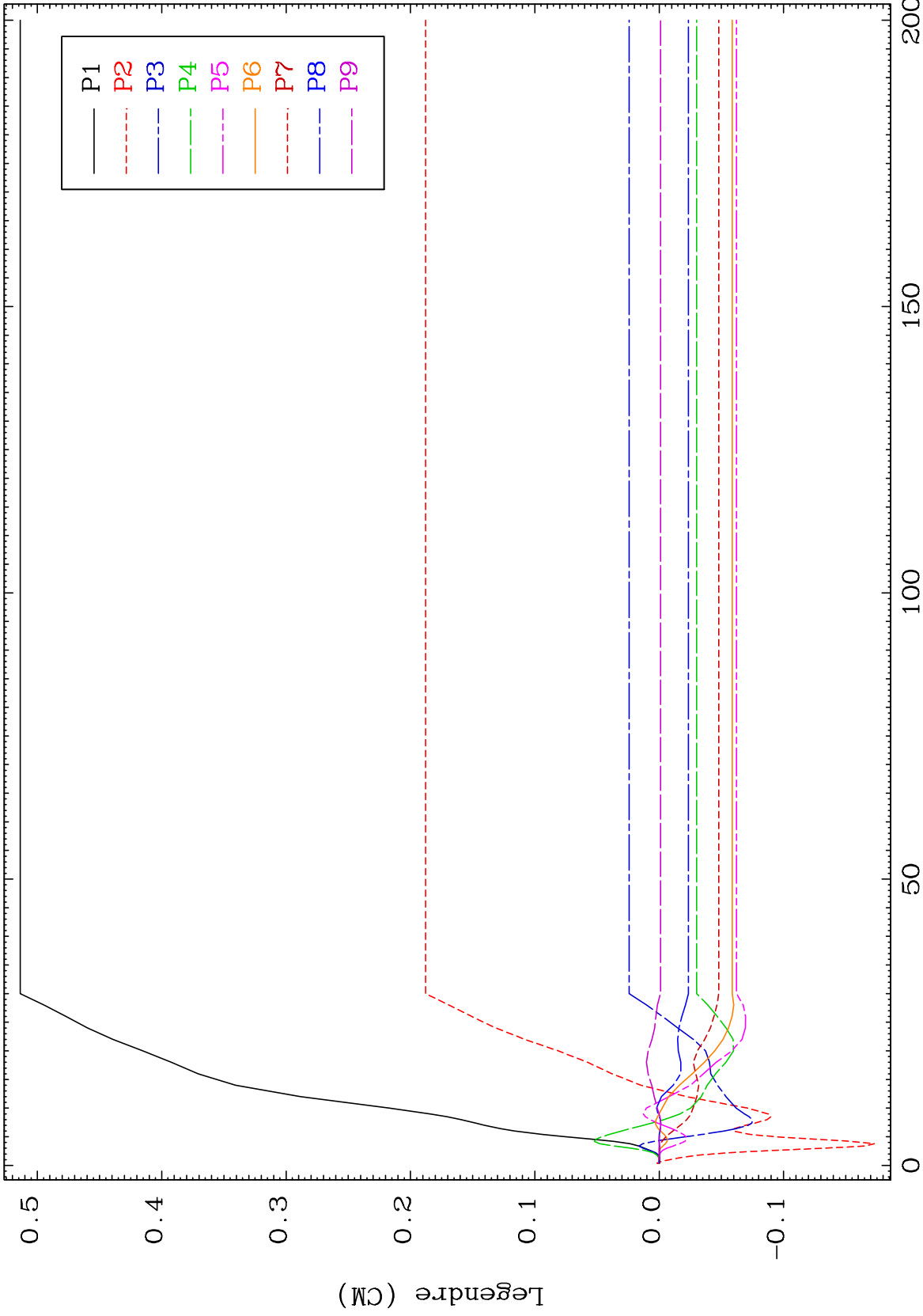
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



117

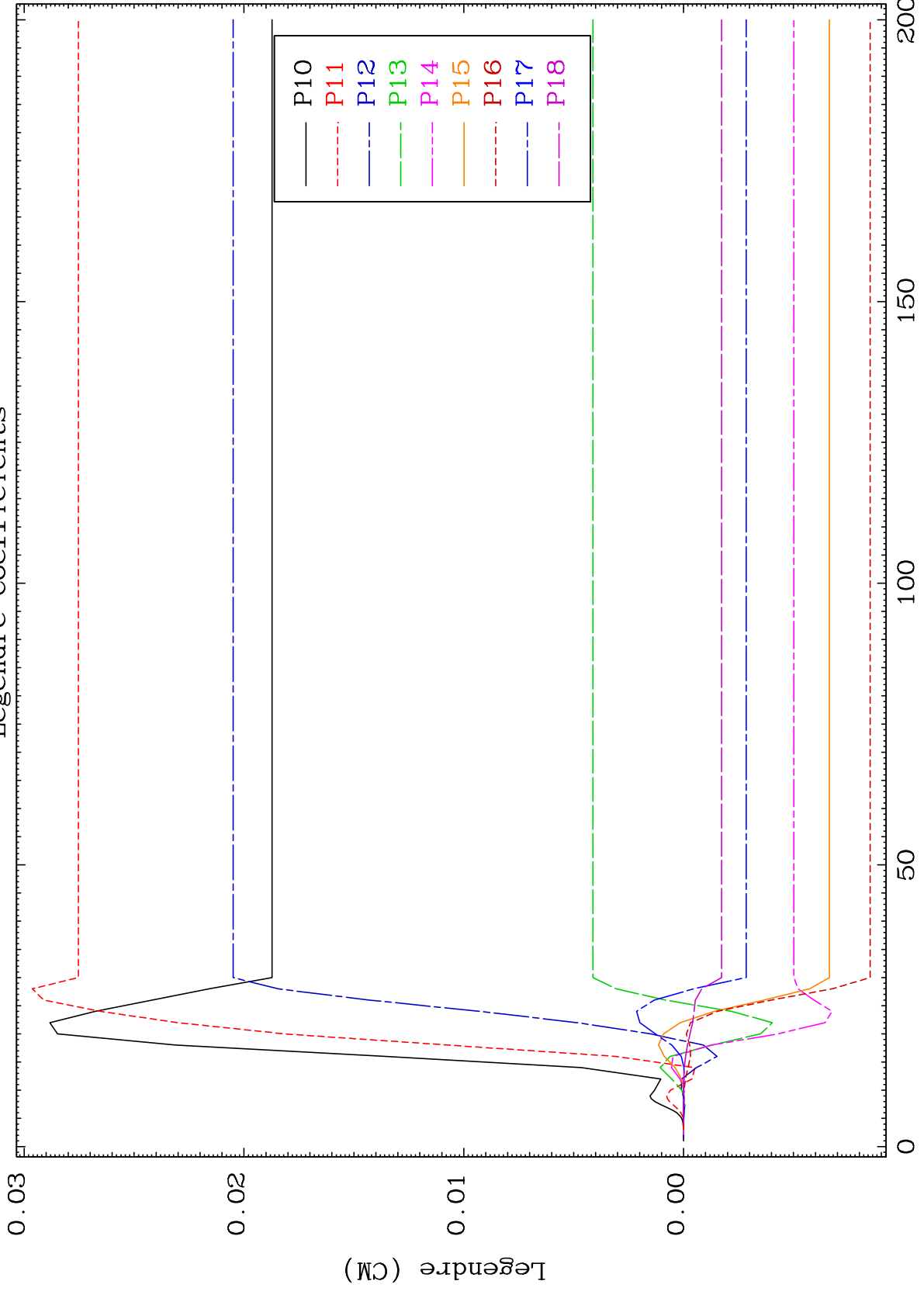
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180



118

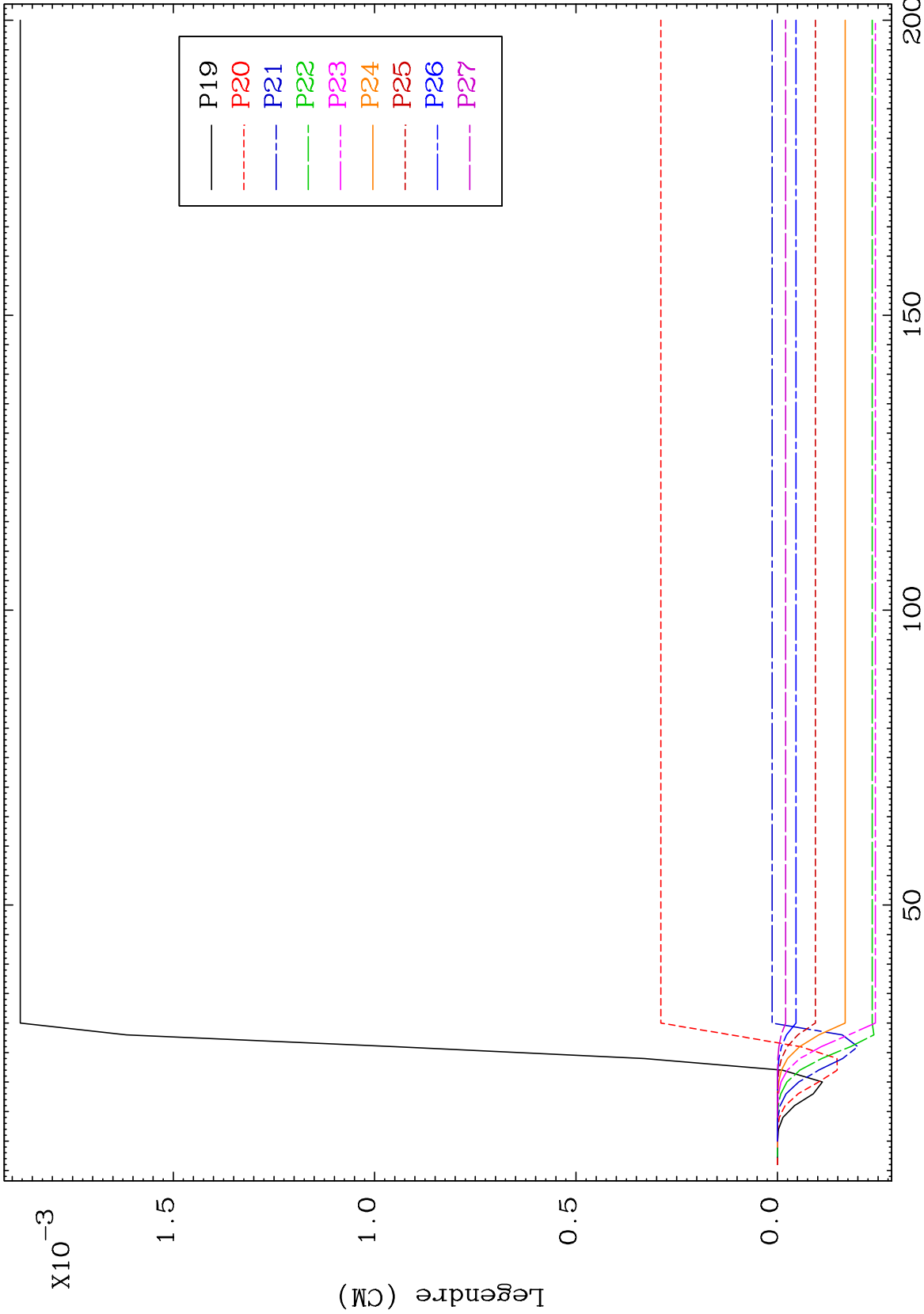
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

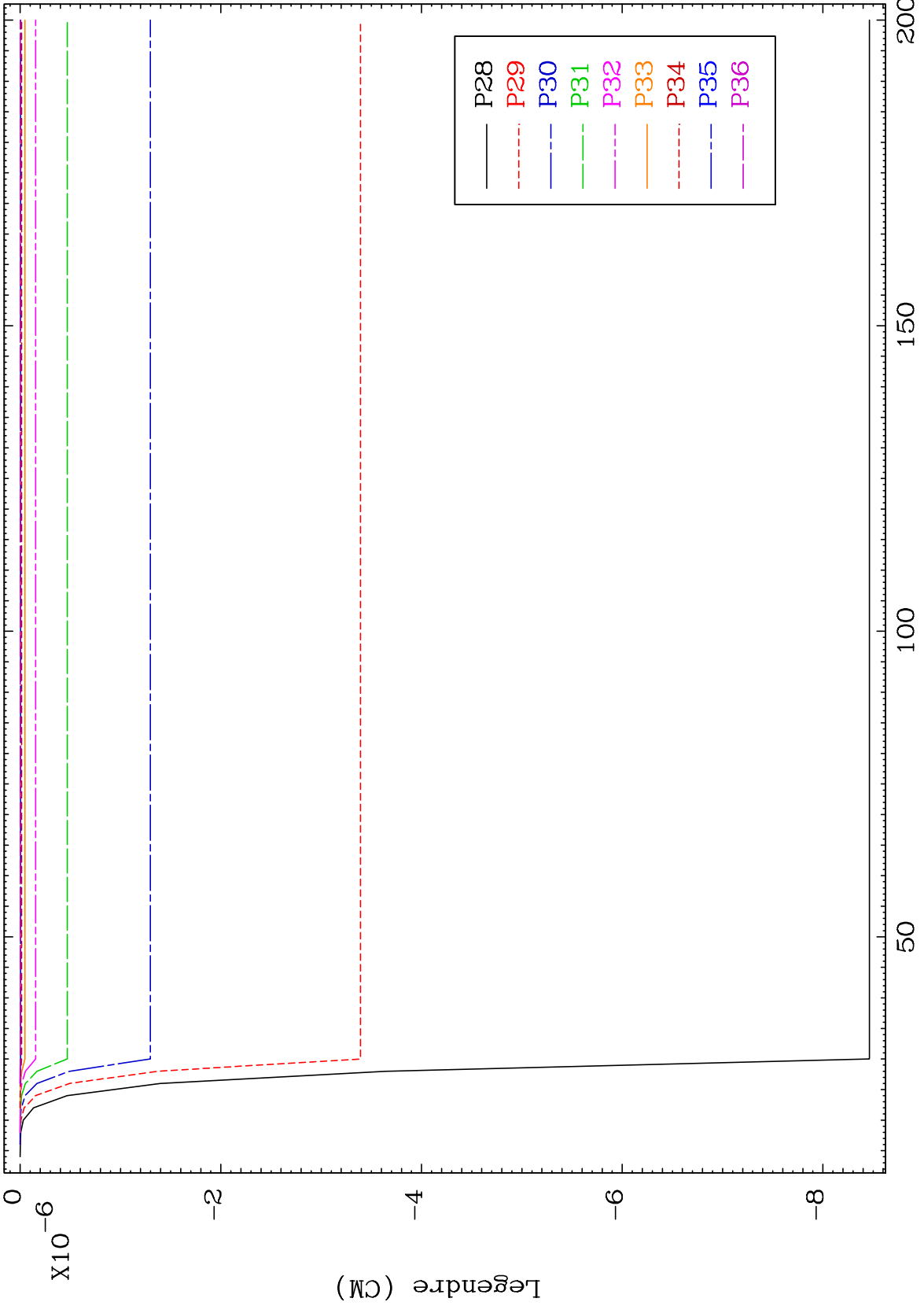
77-Ir-180



119

77-Ir-180

MAT 7692 MT= 79 (n,n') Level Legendre Coefficients 77-Ir-180

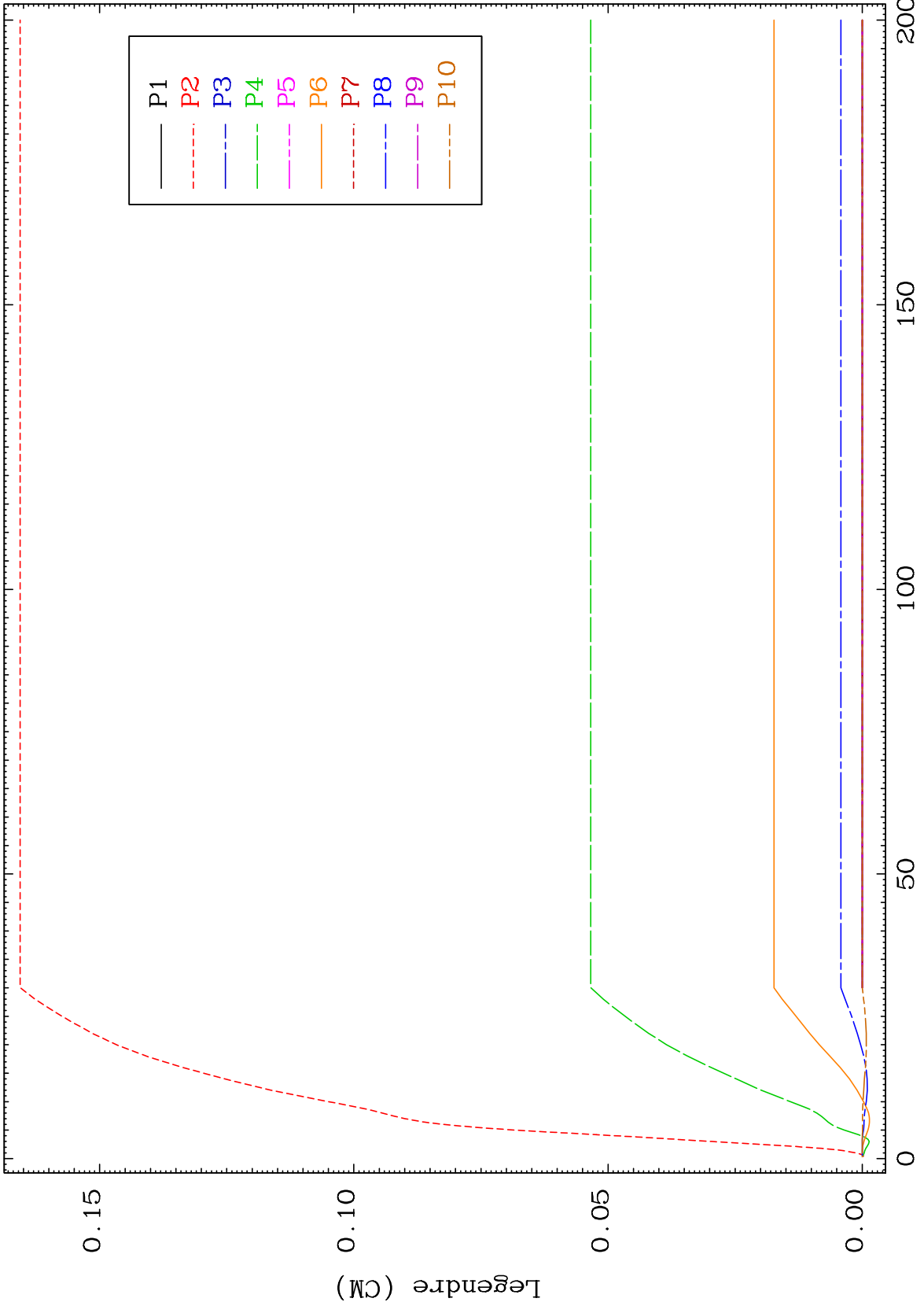


120 Incident Energy (MeV) 77-Ir-180

MAT 7692

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

77-Ir-180



121

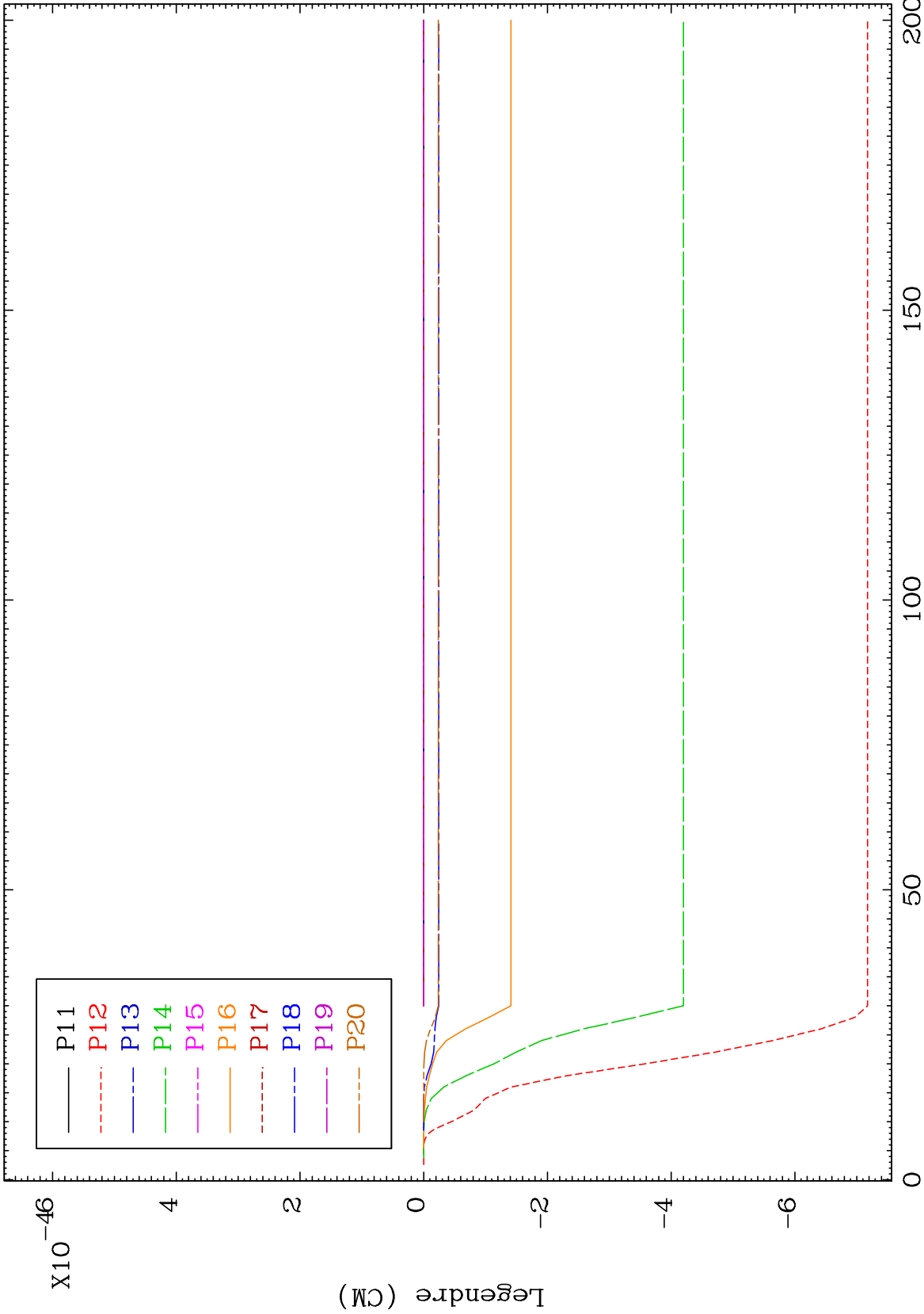
Incident Energy (MeV)

77-Ir-180

MAT 7692

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

77-Ir-180

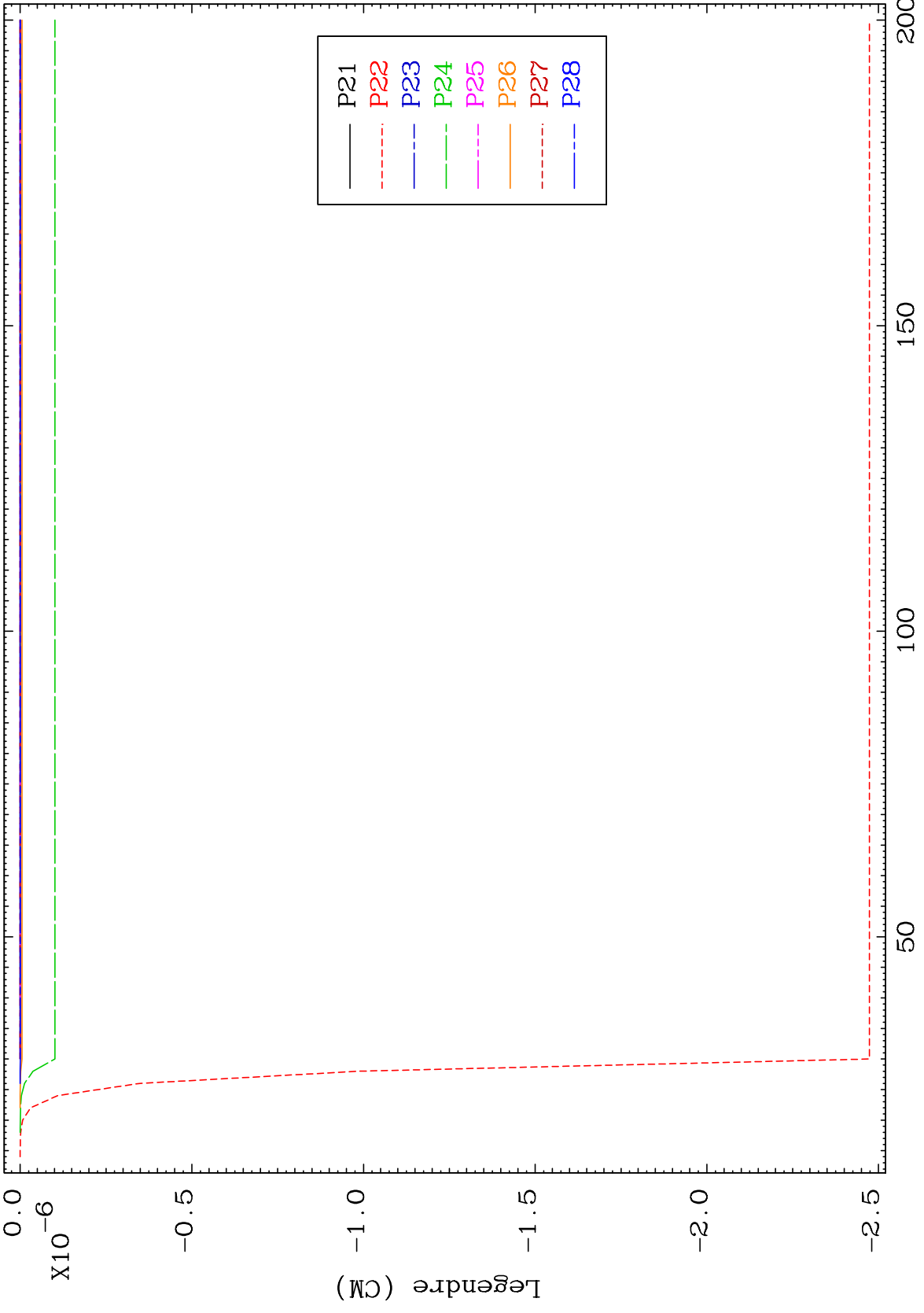


122

Incident Energy (MeV)

77-Ir-180

MAT 7692 MT= 80 (n, n') Level Legendre Coefficients 77-Ir-180

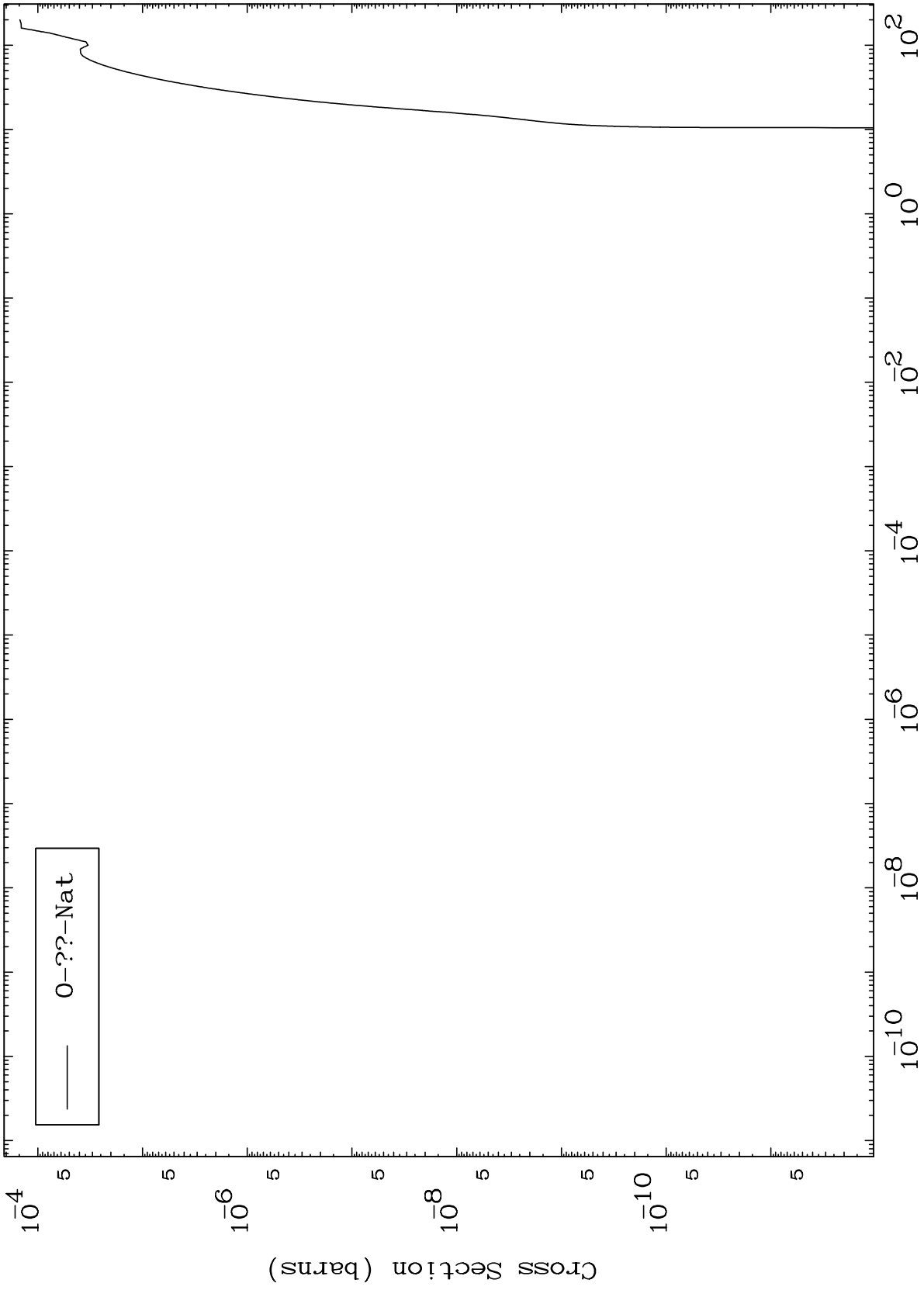


123 77-Ir-180

MAT 7692

Fission
Radionuclide Production Cross Section

⁷⁷Ir-180



124

Incident Energy (MeV)

⁷⁷Ir-180