

Program EVALPLOT
(Version 2018-1)

by

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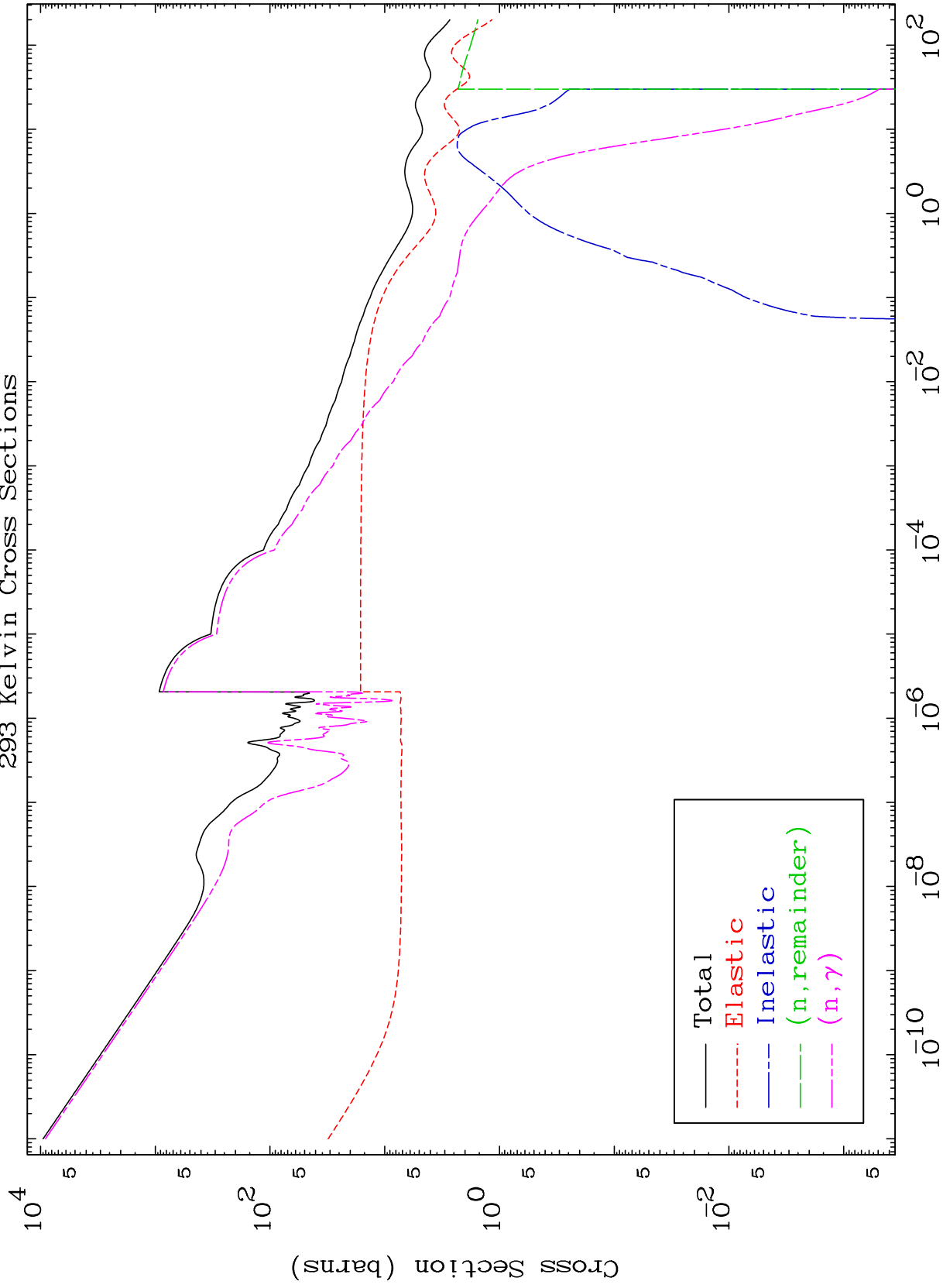
Press Mouse Button to Start

MAT 7686

Major

293 Kelvin Cross Sections

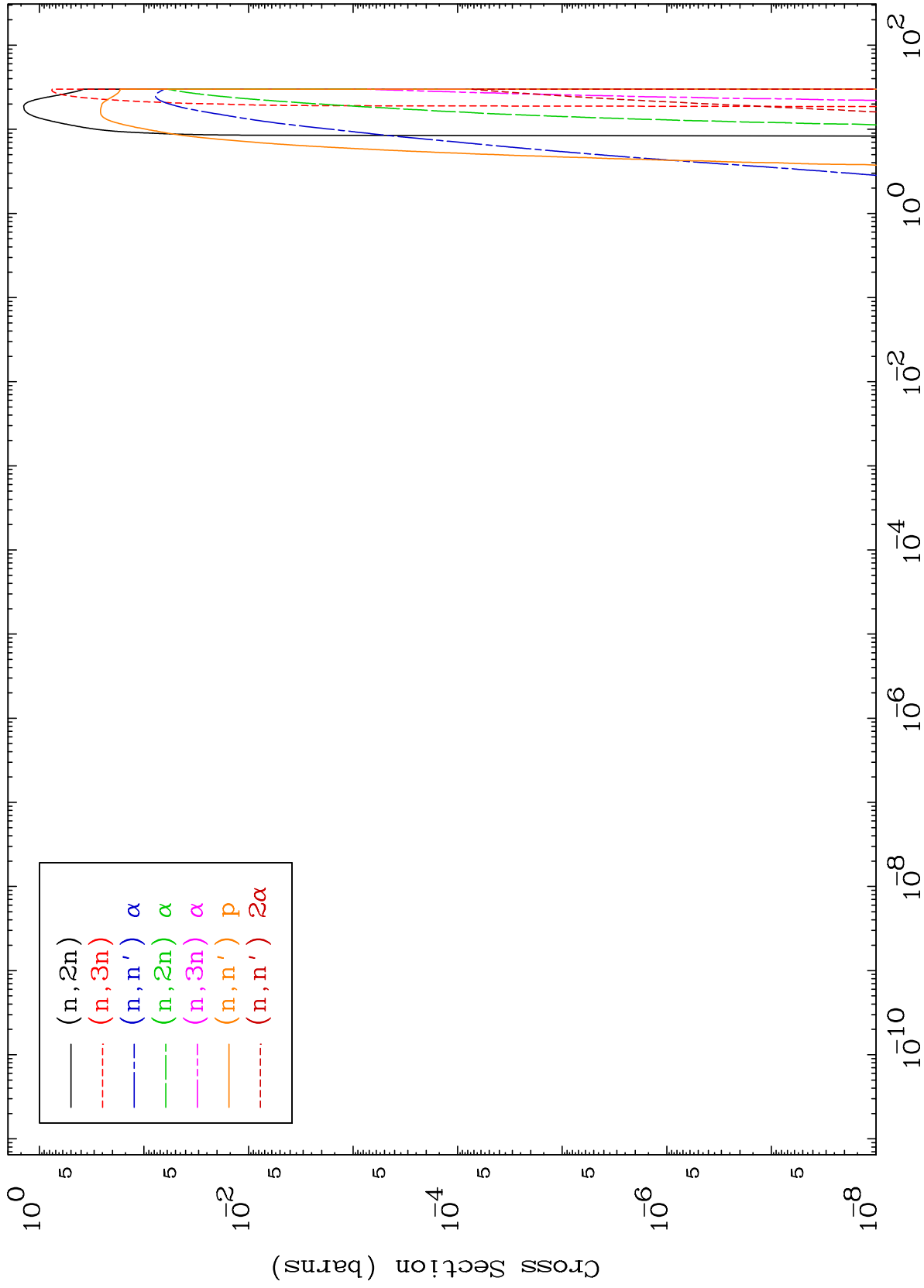
77-Ir-178



MAT 7686

Neutron Production
293 Kelvin Cross Sections

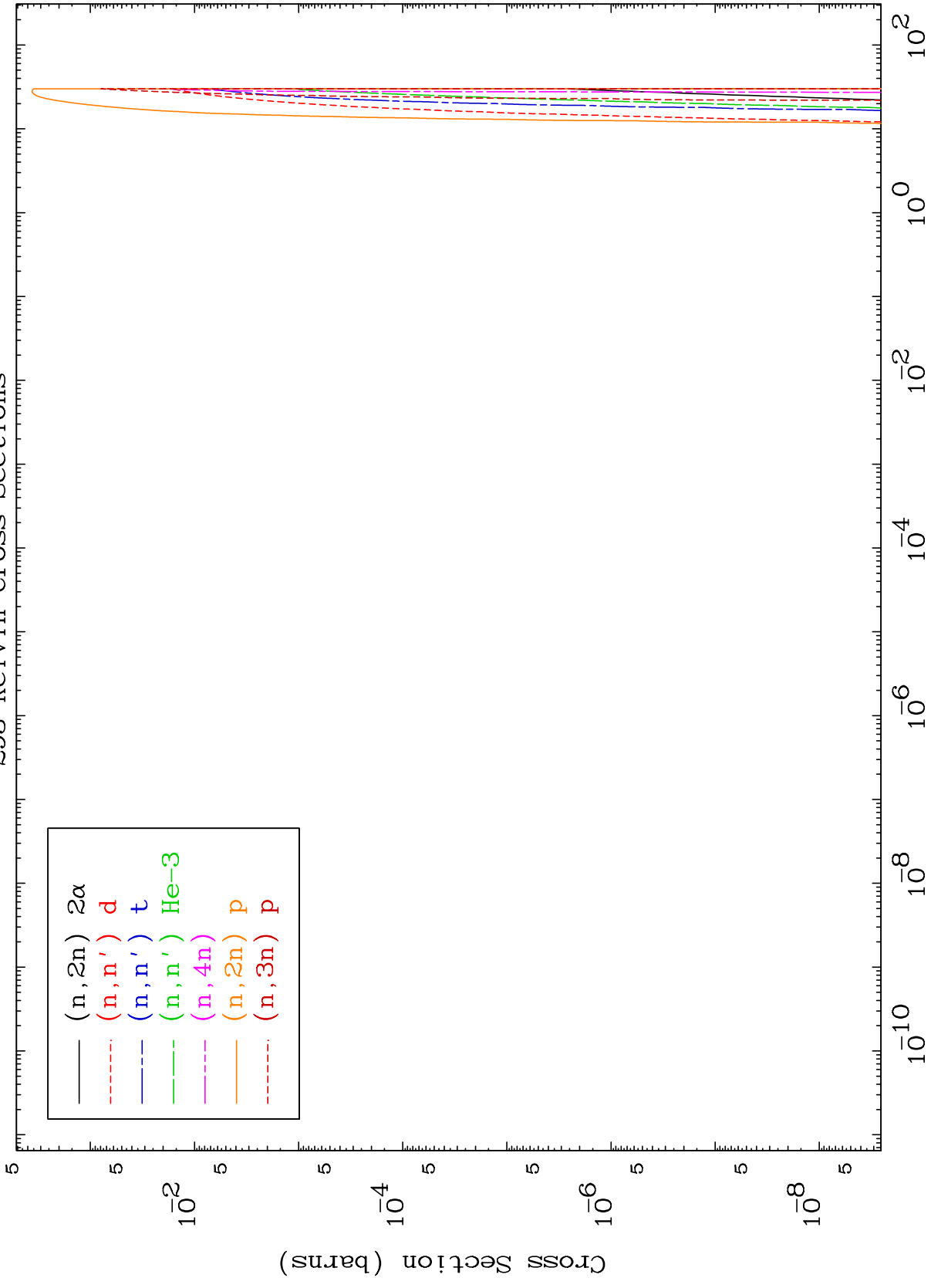
77-Ir-178



MAT 7686

Neutron Production
293 Kelvin Cross Sections

77-Ir-178



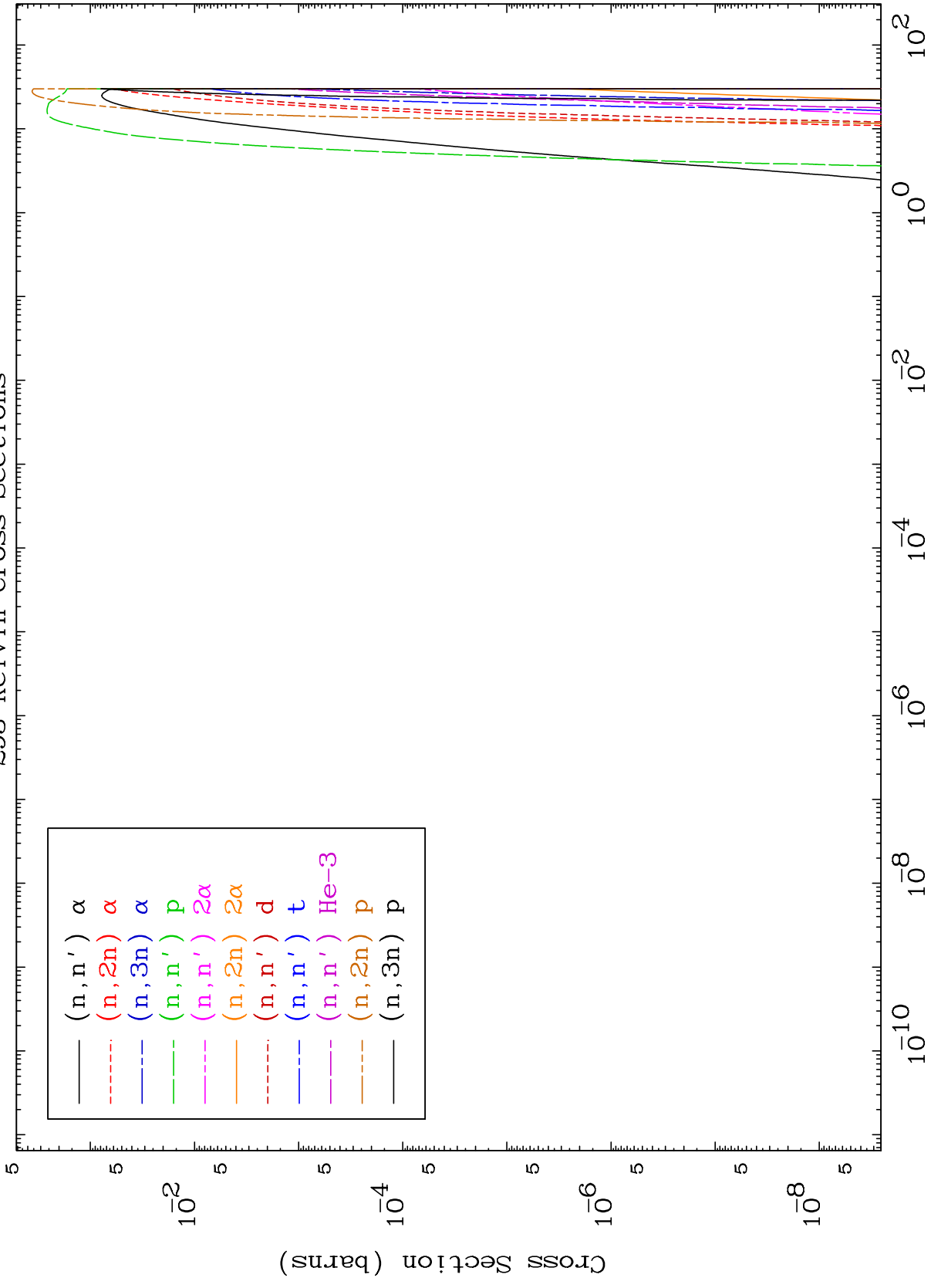
77-Ir-178

Incident Energy (MeV)

MAT 7686

293 Charged Particle
Kelvin Cross Sections

77-Ir-178

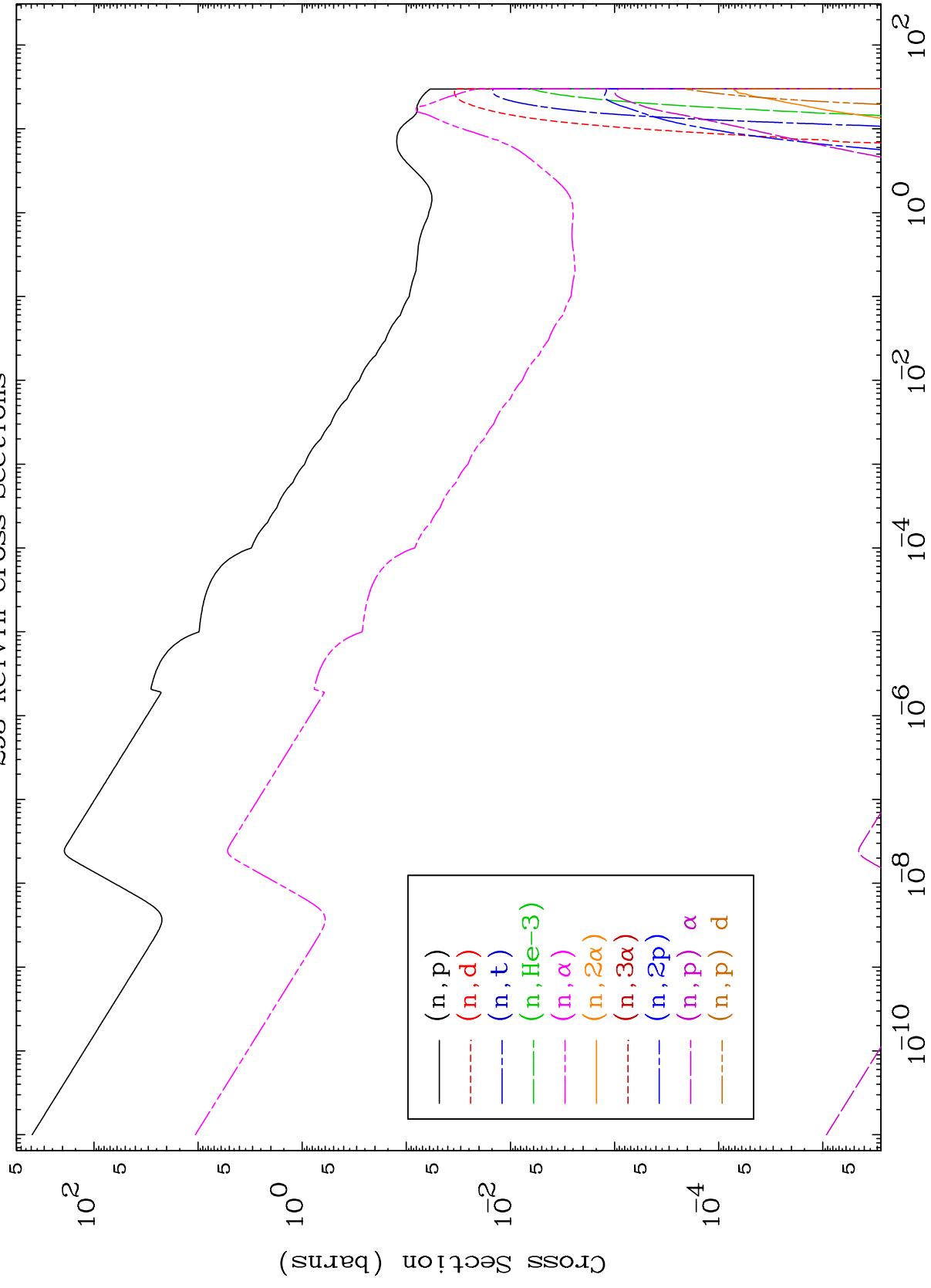


77-Ir-178

MAT 7686

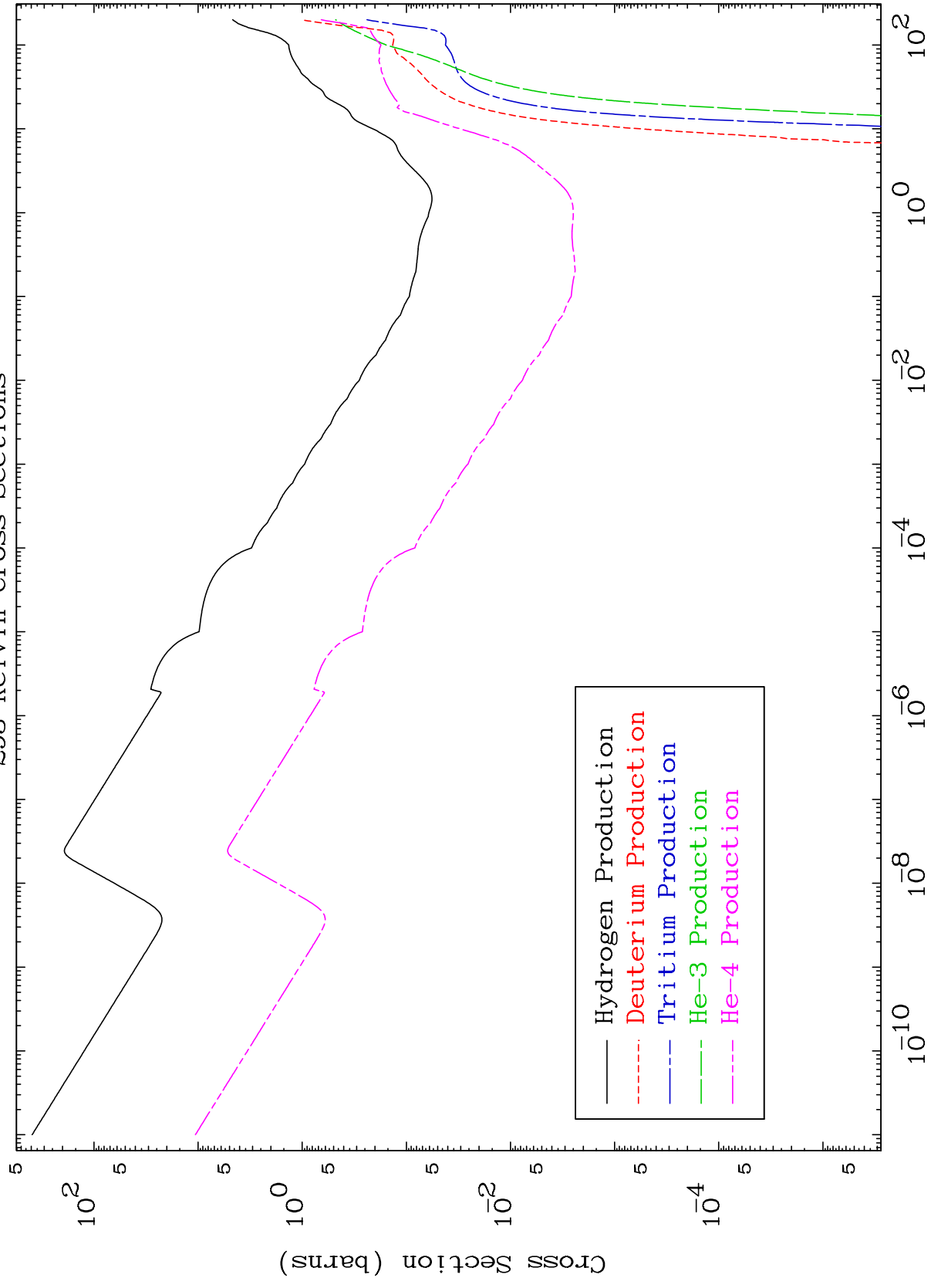
293 Charged Particle
Kelvin Cross Sections

77-Ir-178



5

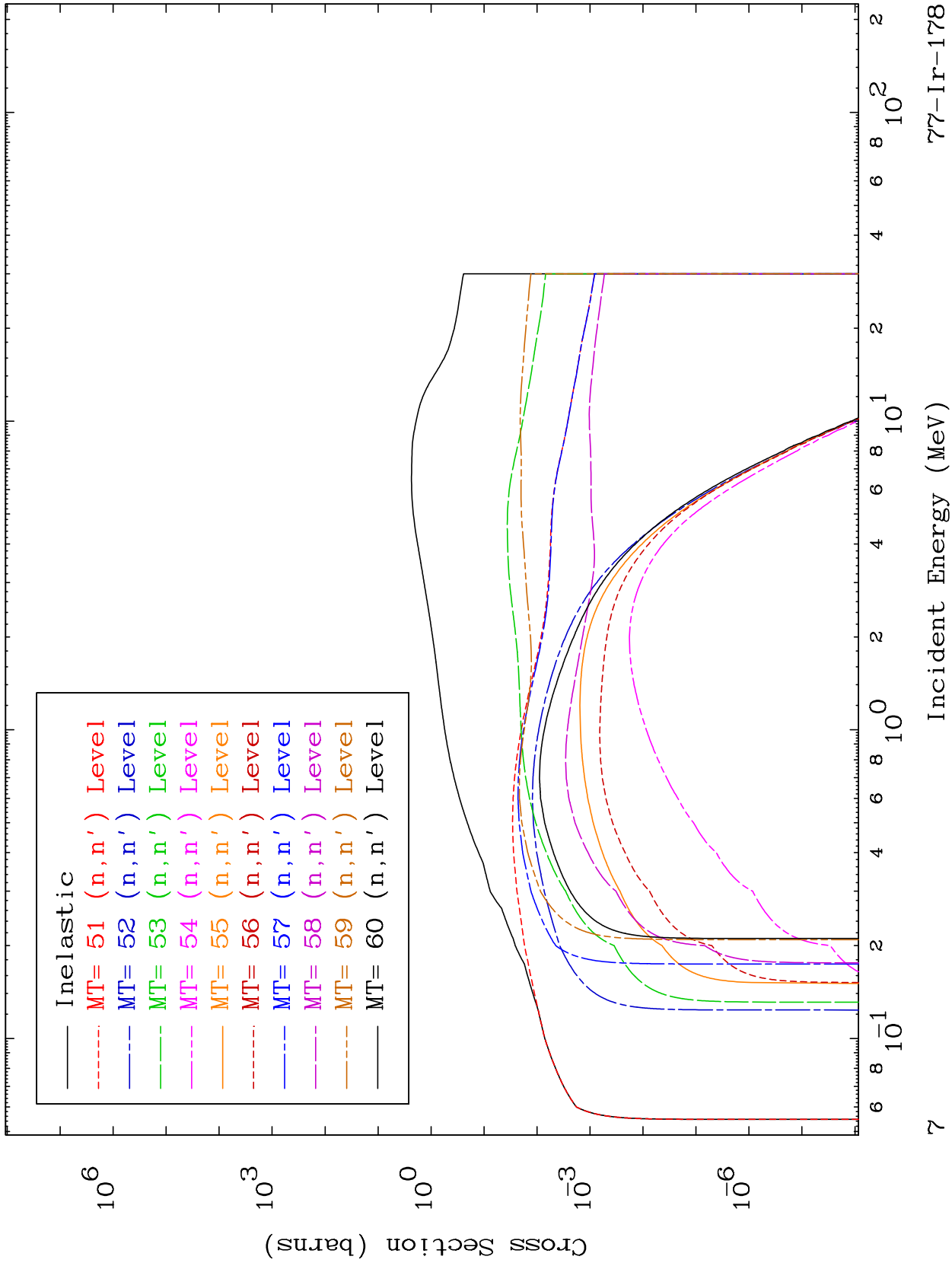
77-Ir-178



MAT 7686

(n,n') Level
293 Kelvin Cross Sections

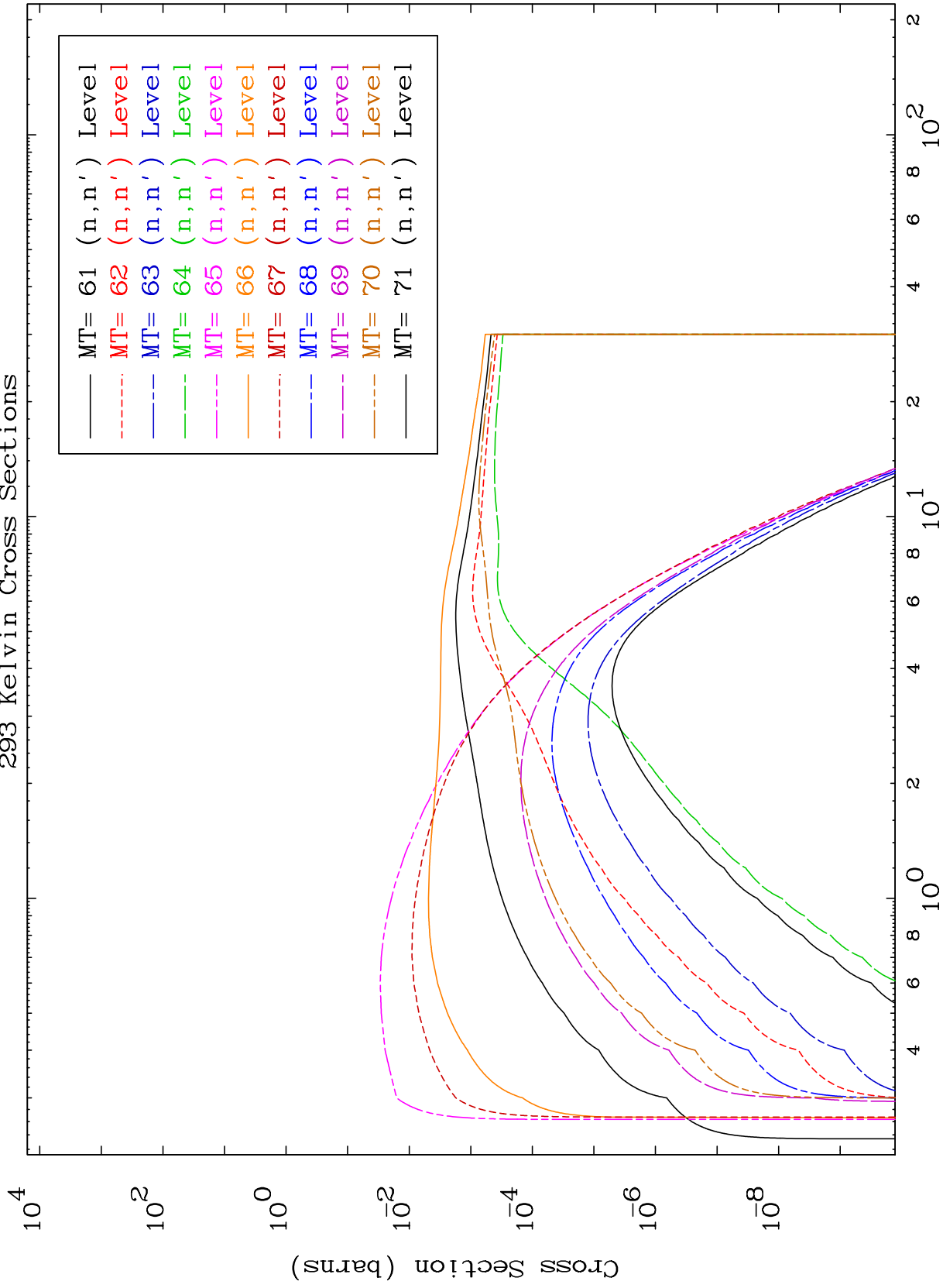
77-Ir-178



MAT 7686

(n,n') Level
293 Kelvin Cross Sections

77-Ir-178



8

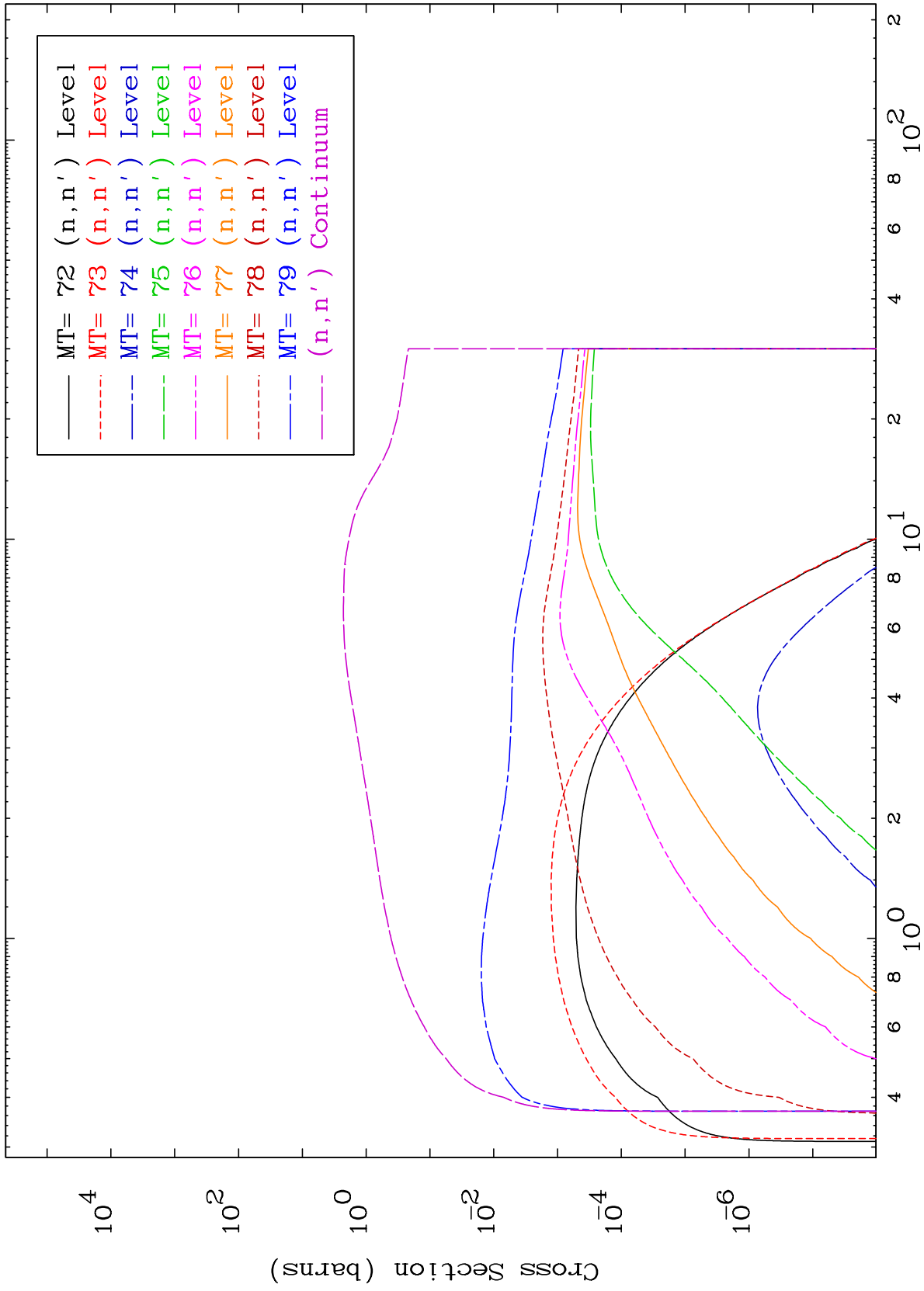
Incident Energy (MeV)

77-Ir-178

MAT 7686

(n,n') Level
293 Kelvin Cross Sections

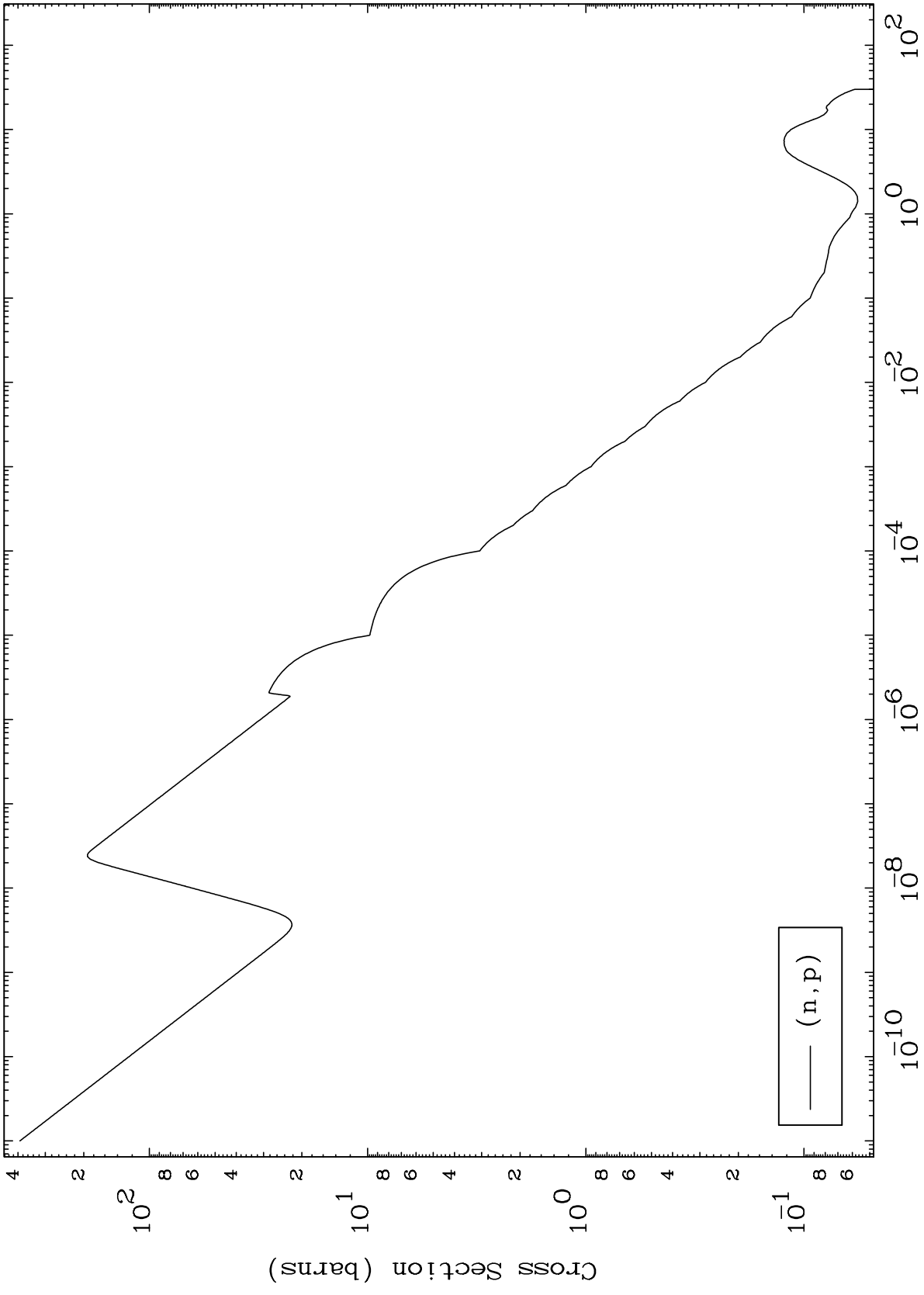
77-Ir-178



MAT 7686

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-178



10

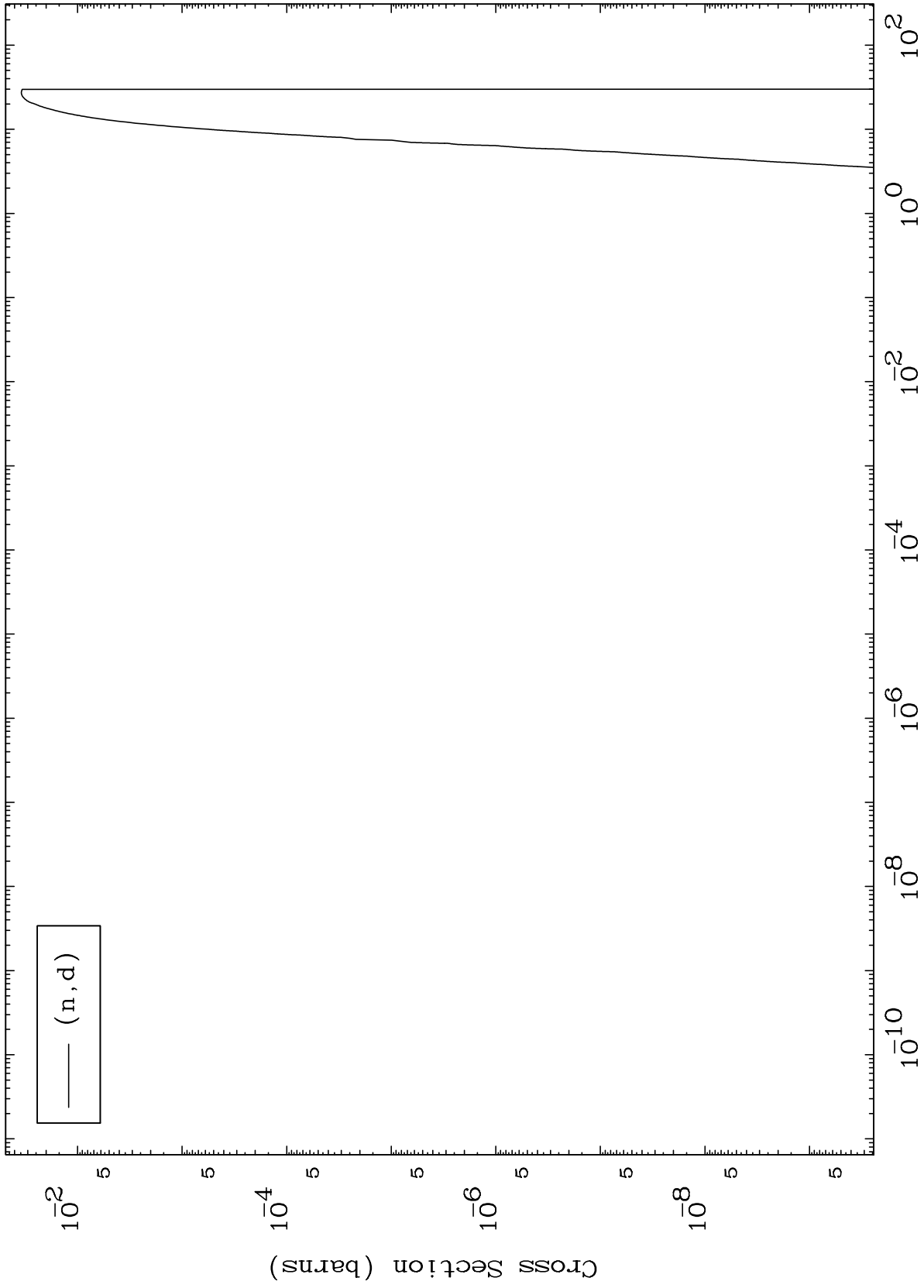
Incident Energy (MeV)

77-Ir-178

MAT 7686

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-178



11

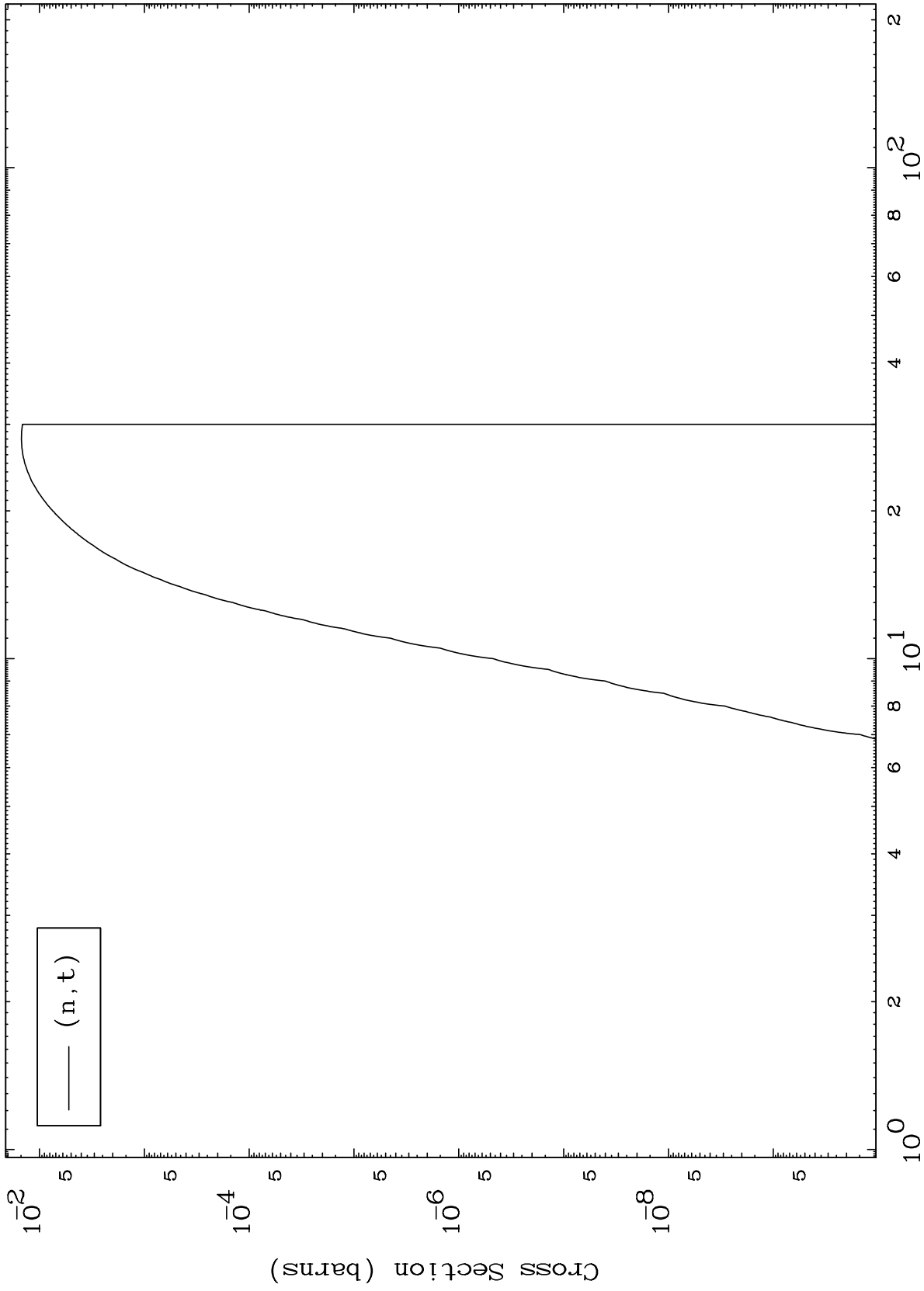
Incident Energy (MeV)

77-Ir-178

MAT 7686

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-178



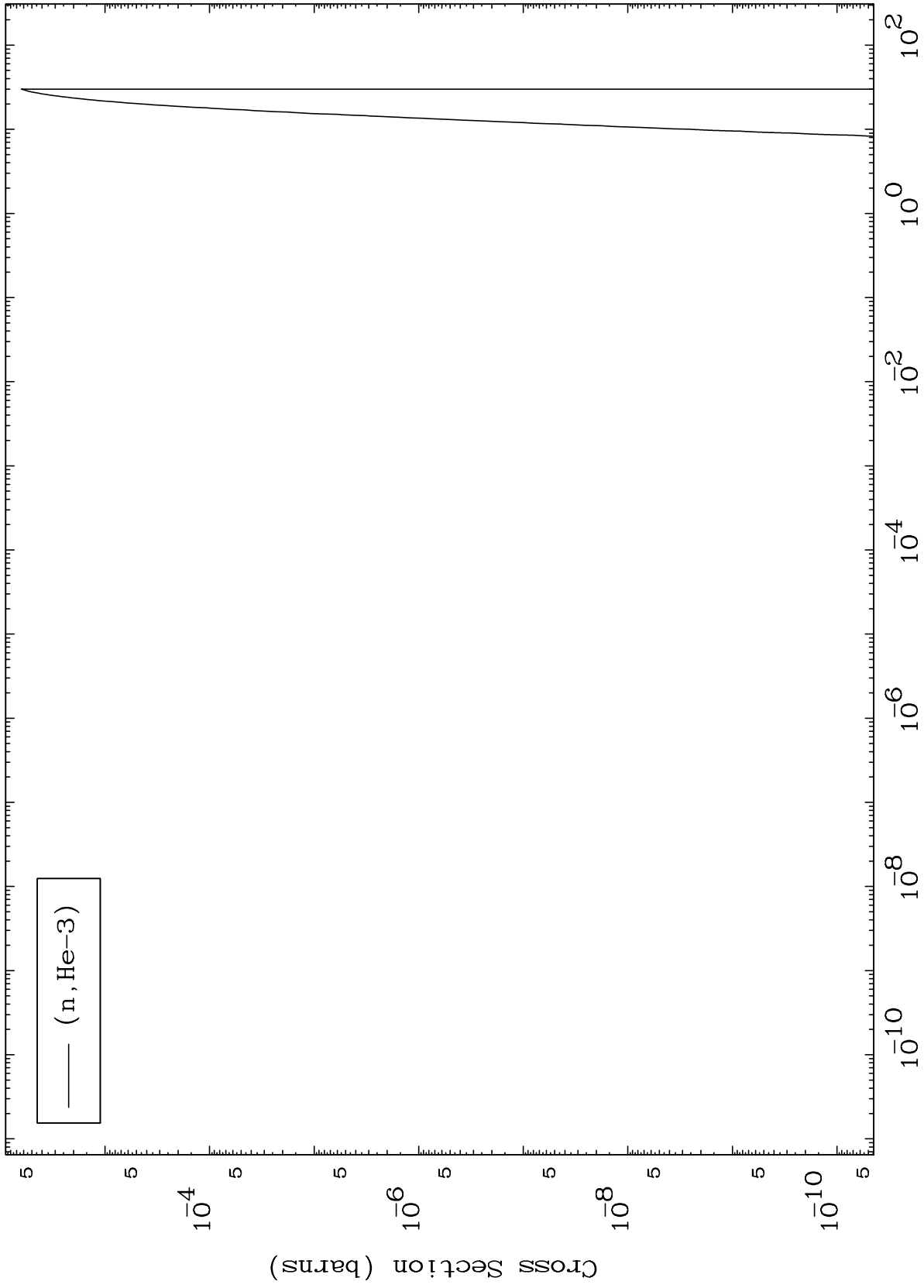
Incident Energy (MeV)

77-Ir-178

MAT 7686

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-178



13

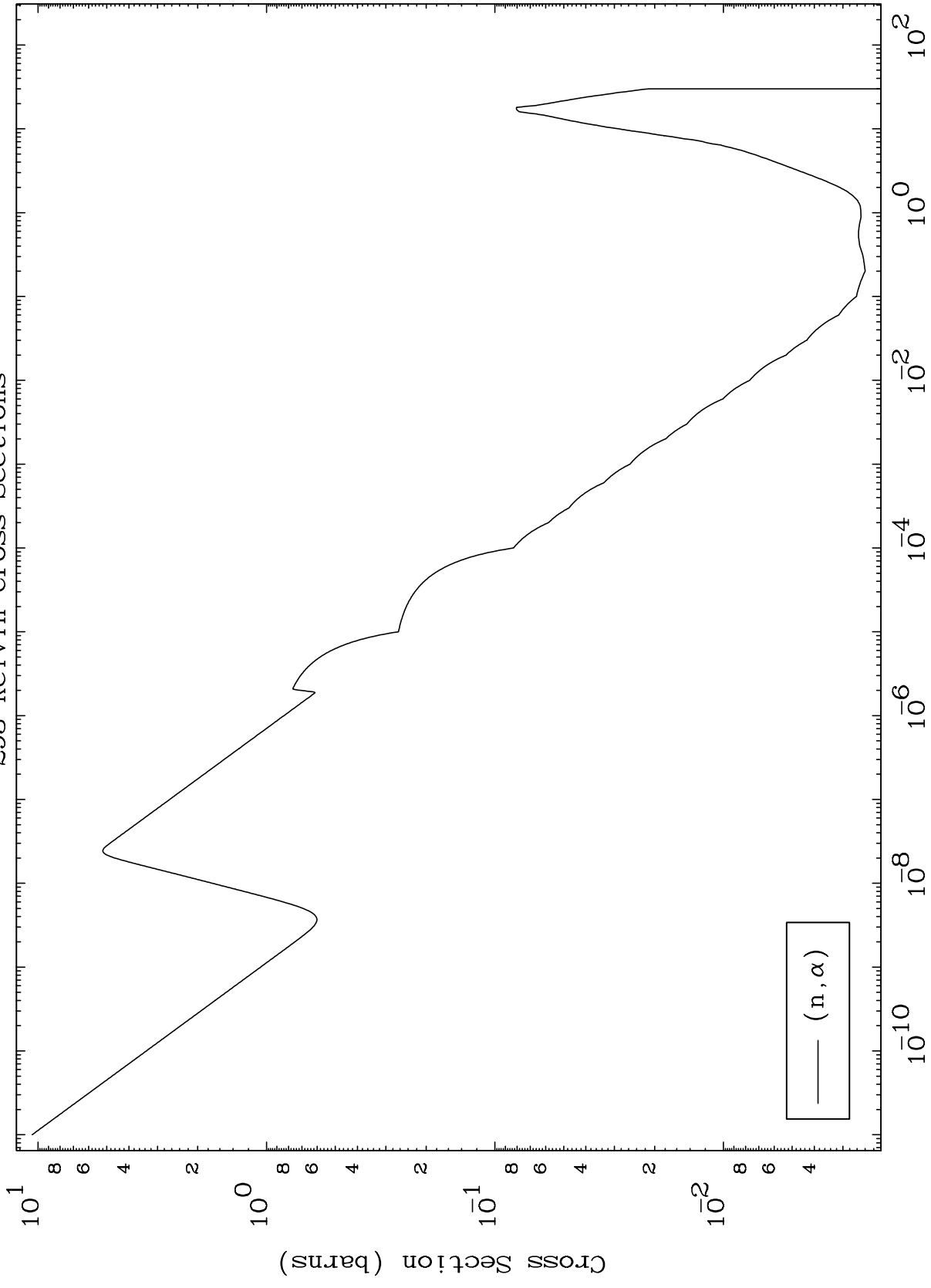
Incident Energy (MeV)

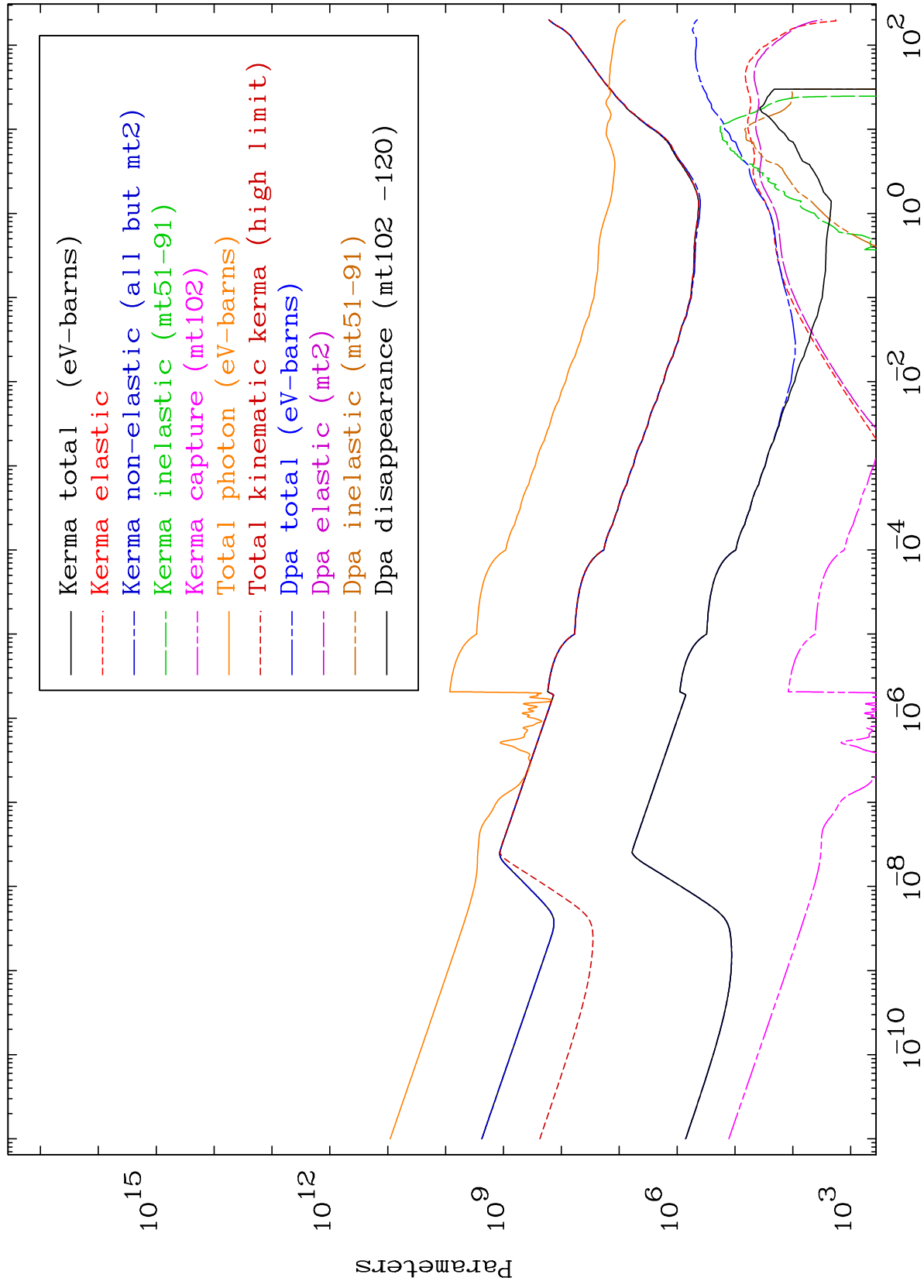
77-Ir-178

MAT 7686

(n,α) Levels
293 Kelvin Cross Sections

77-Ir-178





MAT 7686

Elastic Legendre Coefficients

77-Ir-178



16

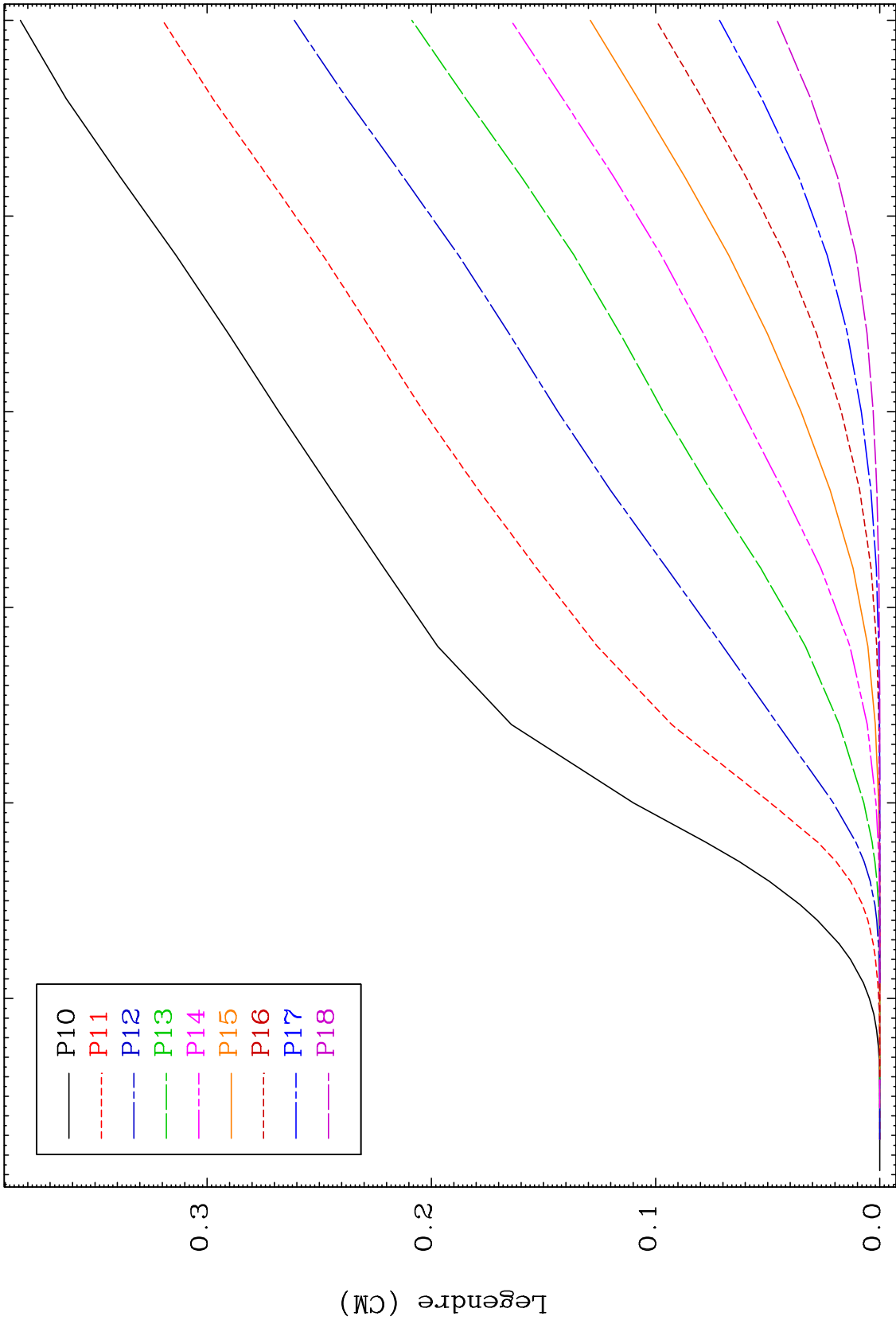
Incident Energy (MeV)

77-Ir-178

MAT 7686

Elastic Legendre Coefficients

⁷⁷Ir-178



17

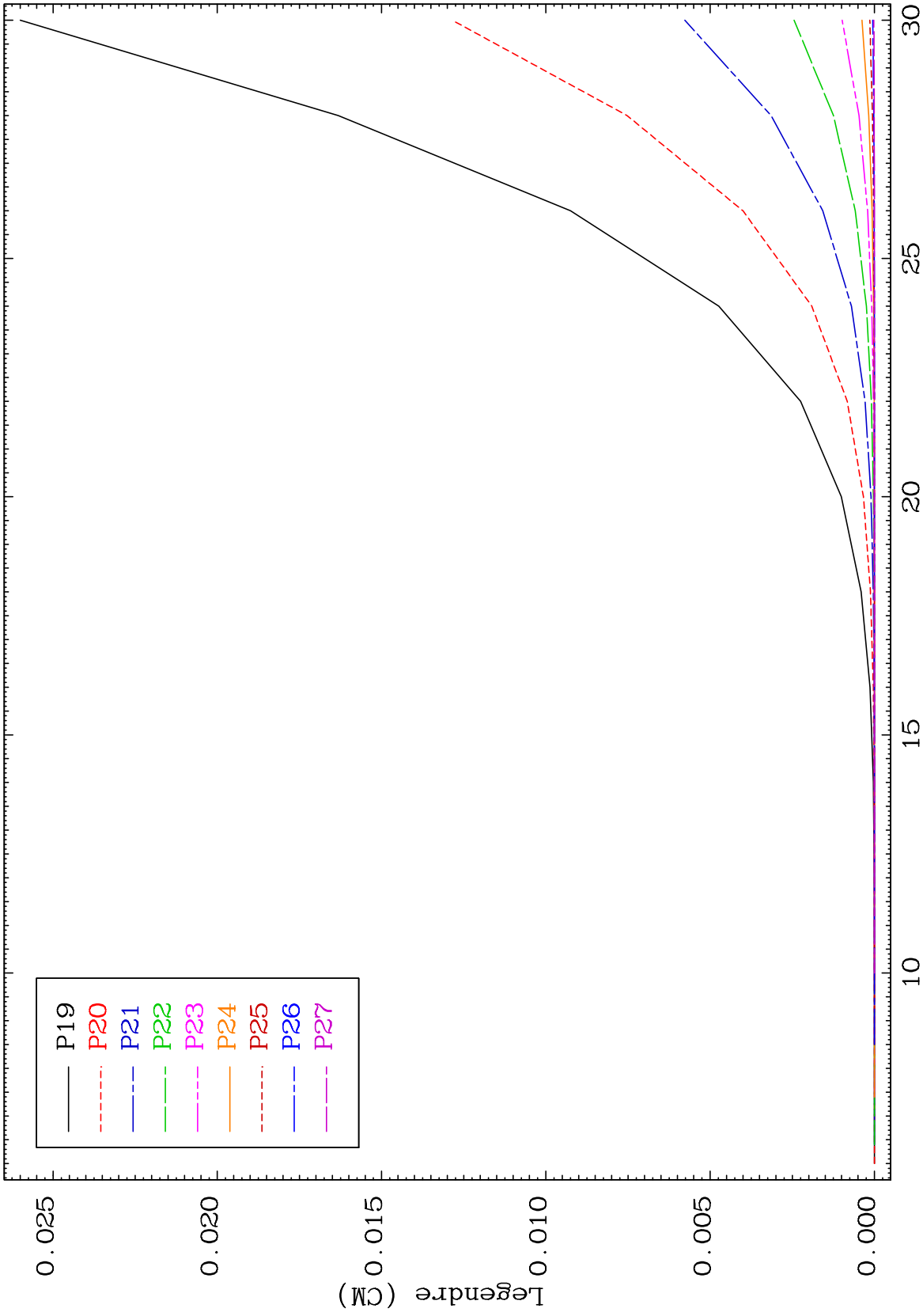
Incident Energy (MeV)

⁷⁷Ir-178

MAT 7686

Elastic Legendre Coefficients

77-Ir-178



18

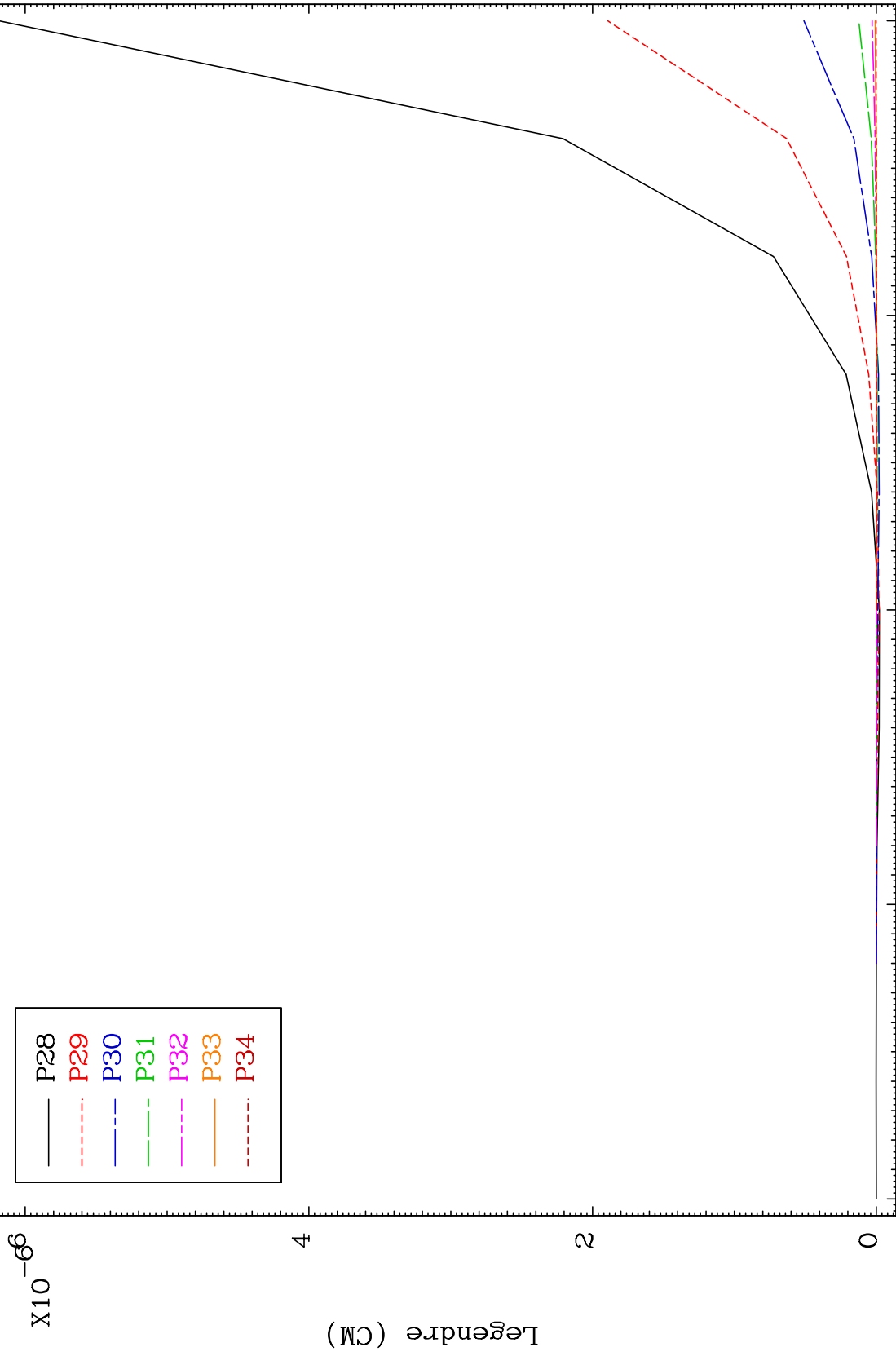
Incident Energy (MeV)

77-Ir-178

MAT 7686

Elastic Legendre Coefficients

77-Ir-178



19

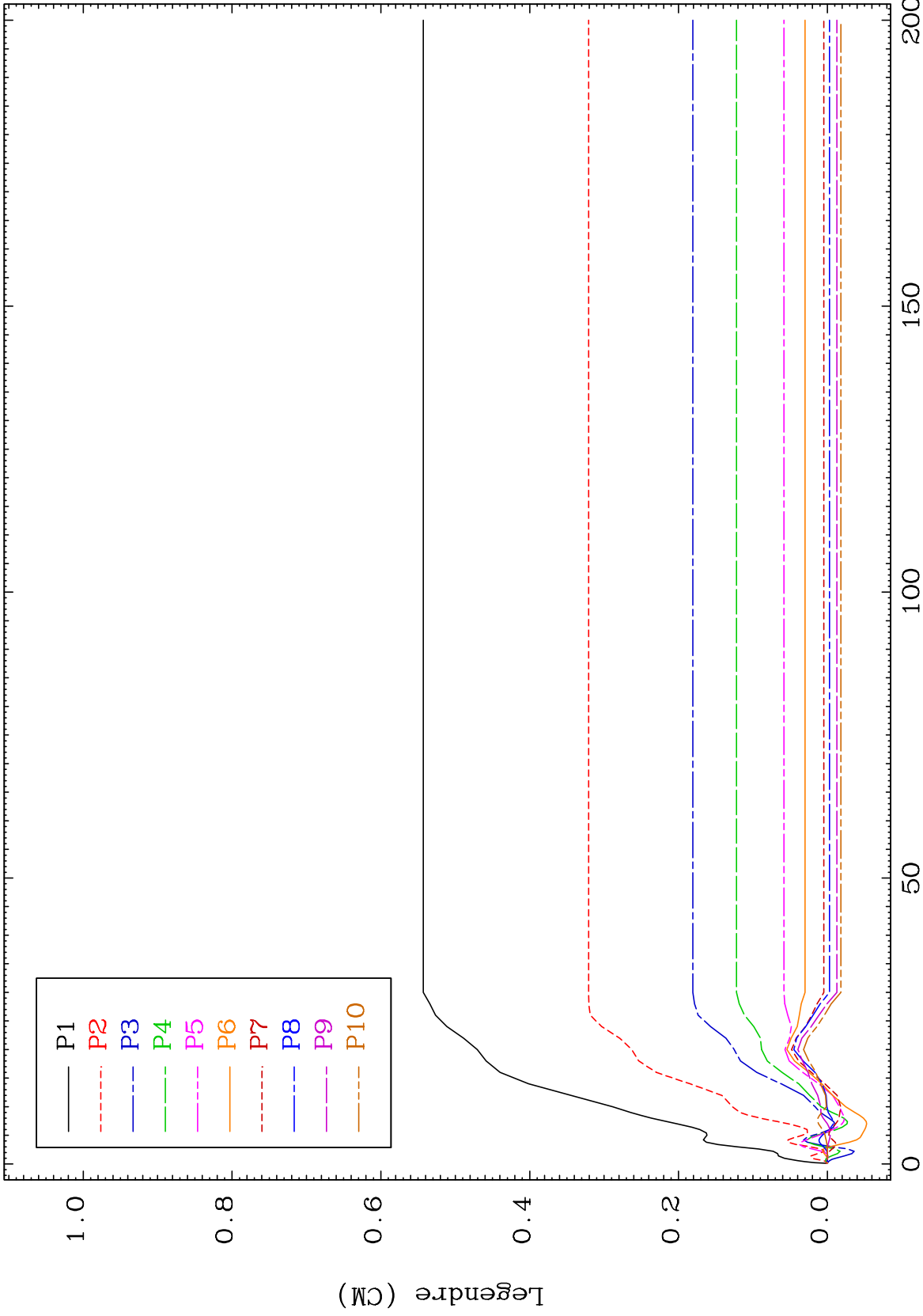
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



77-Ir-178

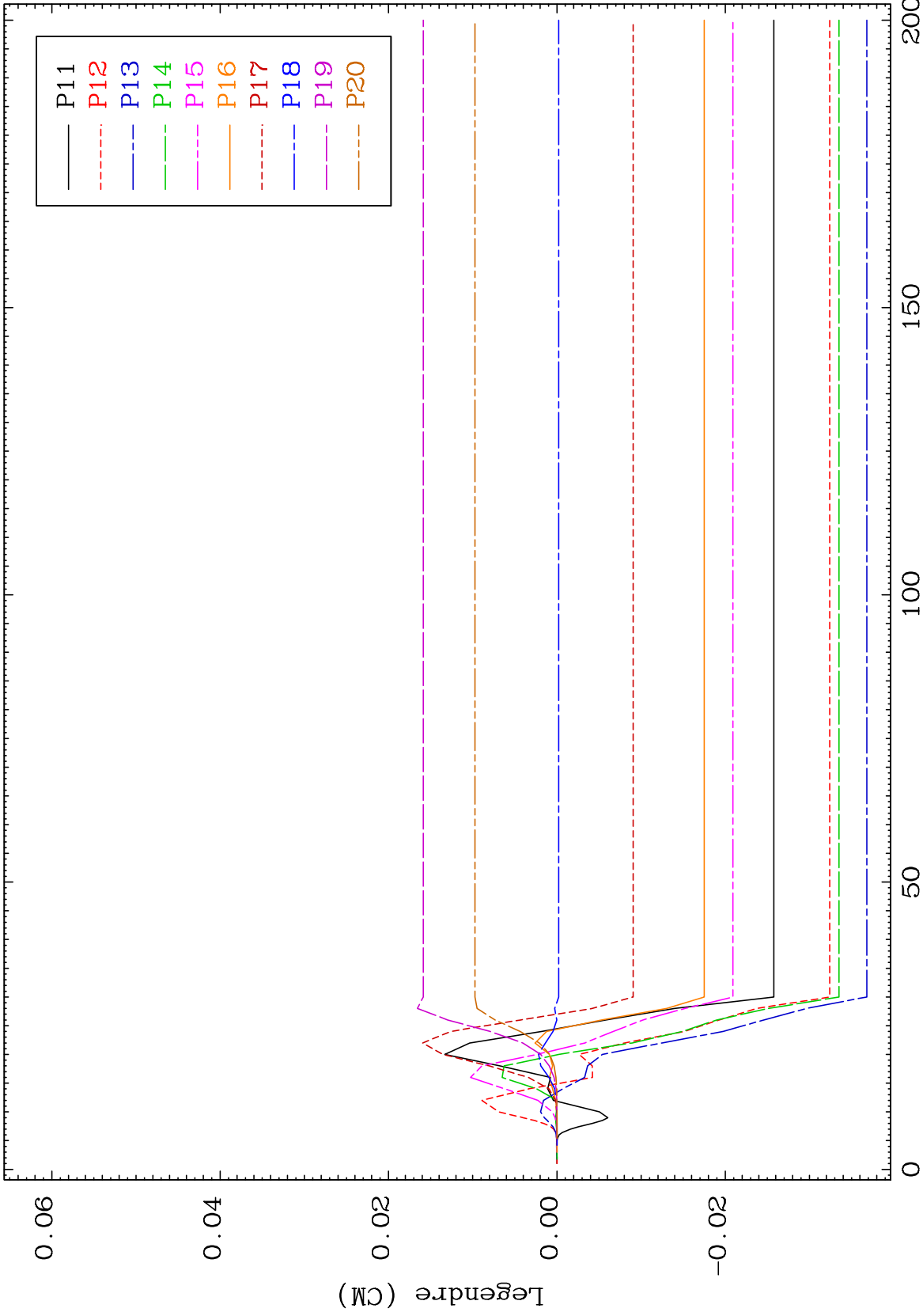
Incident Energy (MeV)

20

MAT 7686

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

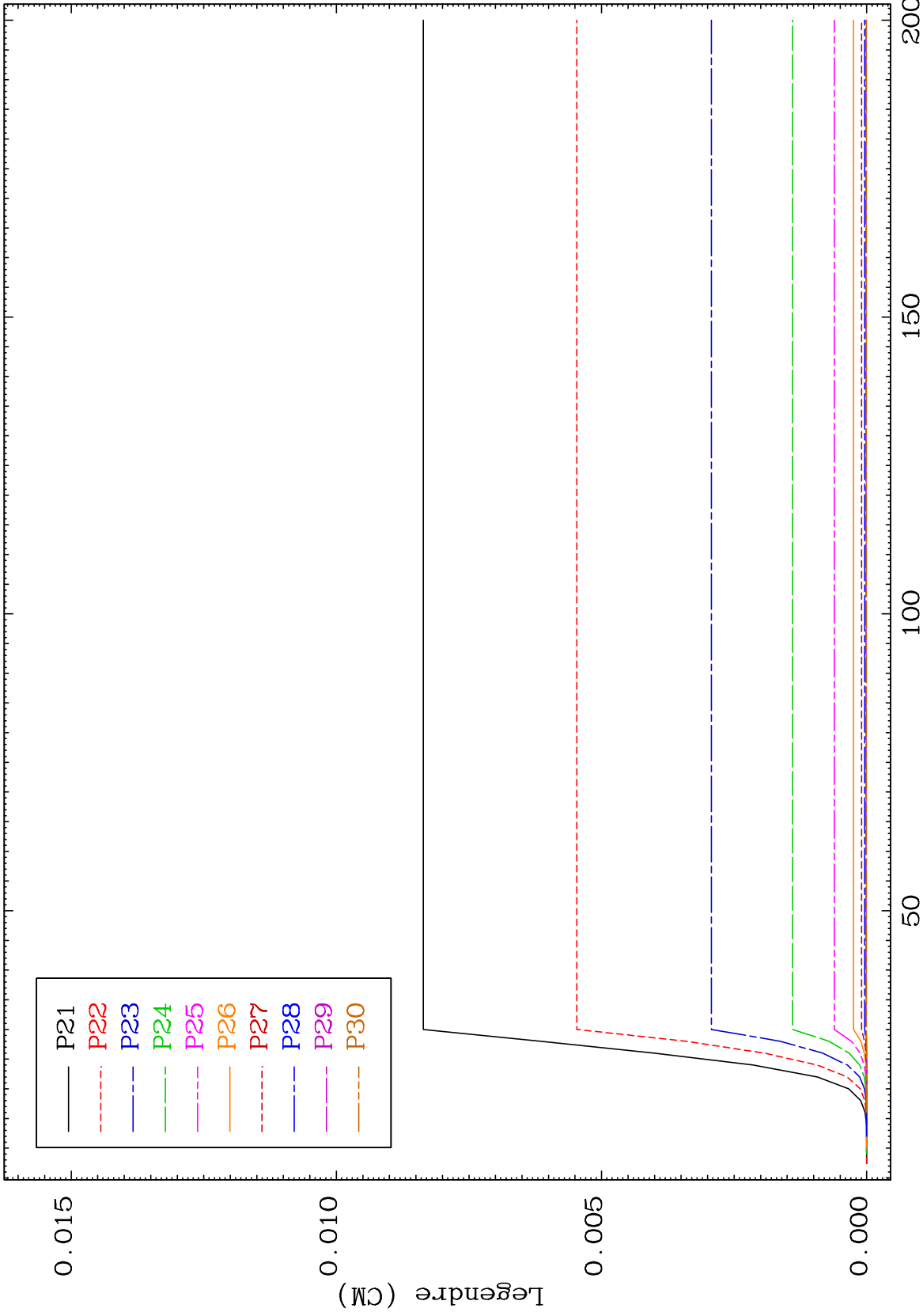
77-Ir-178



21

Incident Energy (MeV)

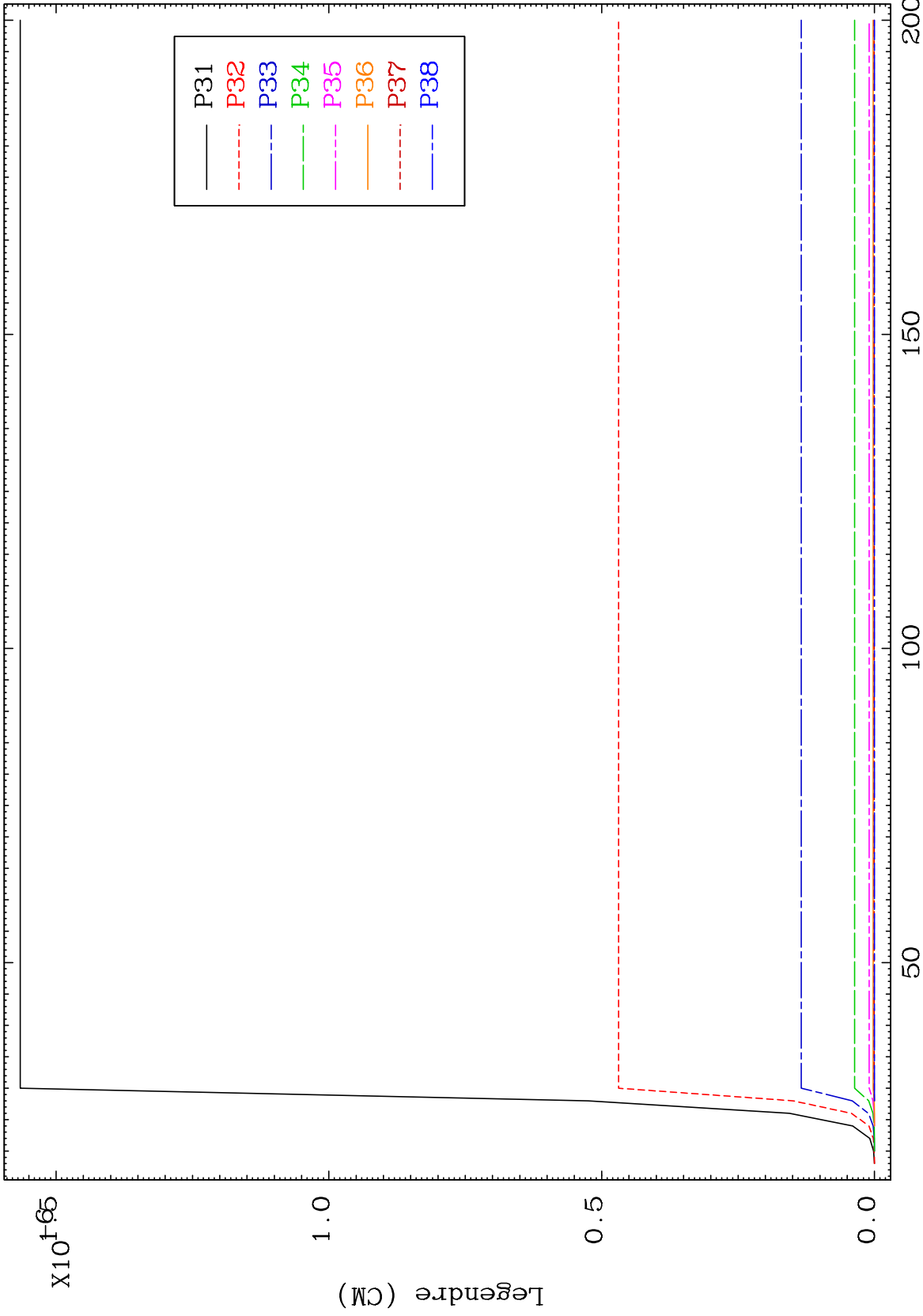
77-Ir-178



MAT 7686

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

77-Ir-178



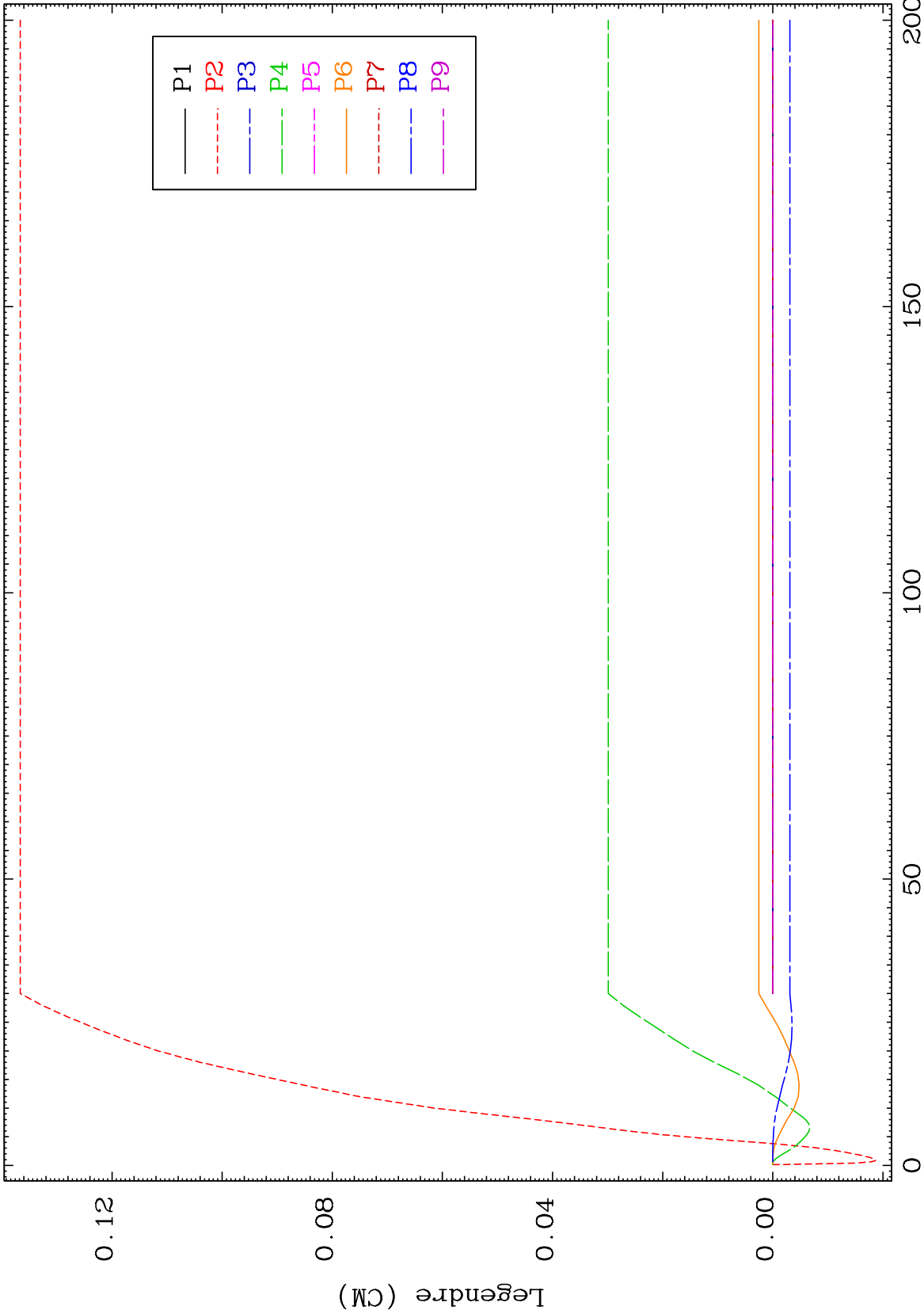
23

77-Ir-178

MAT 7686

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

77-Ir-178



24

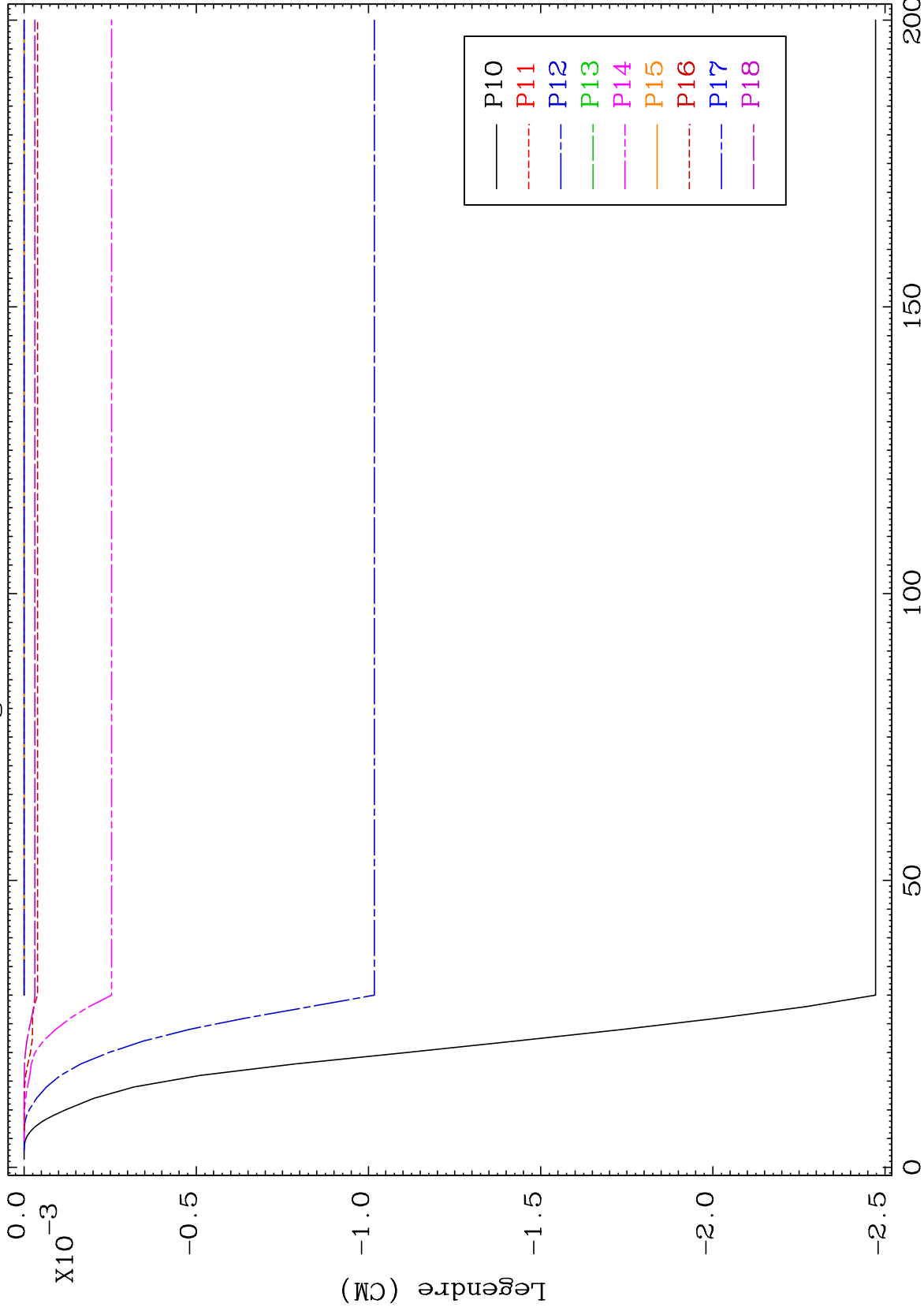
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



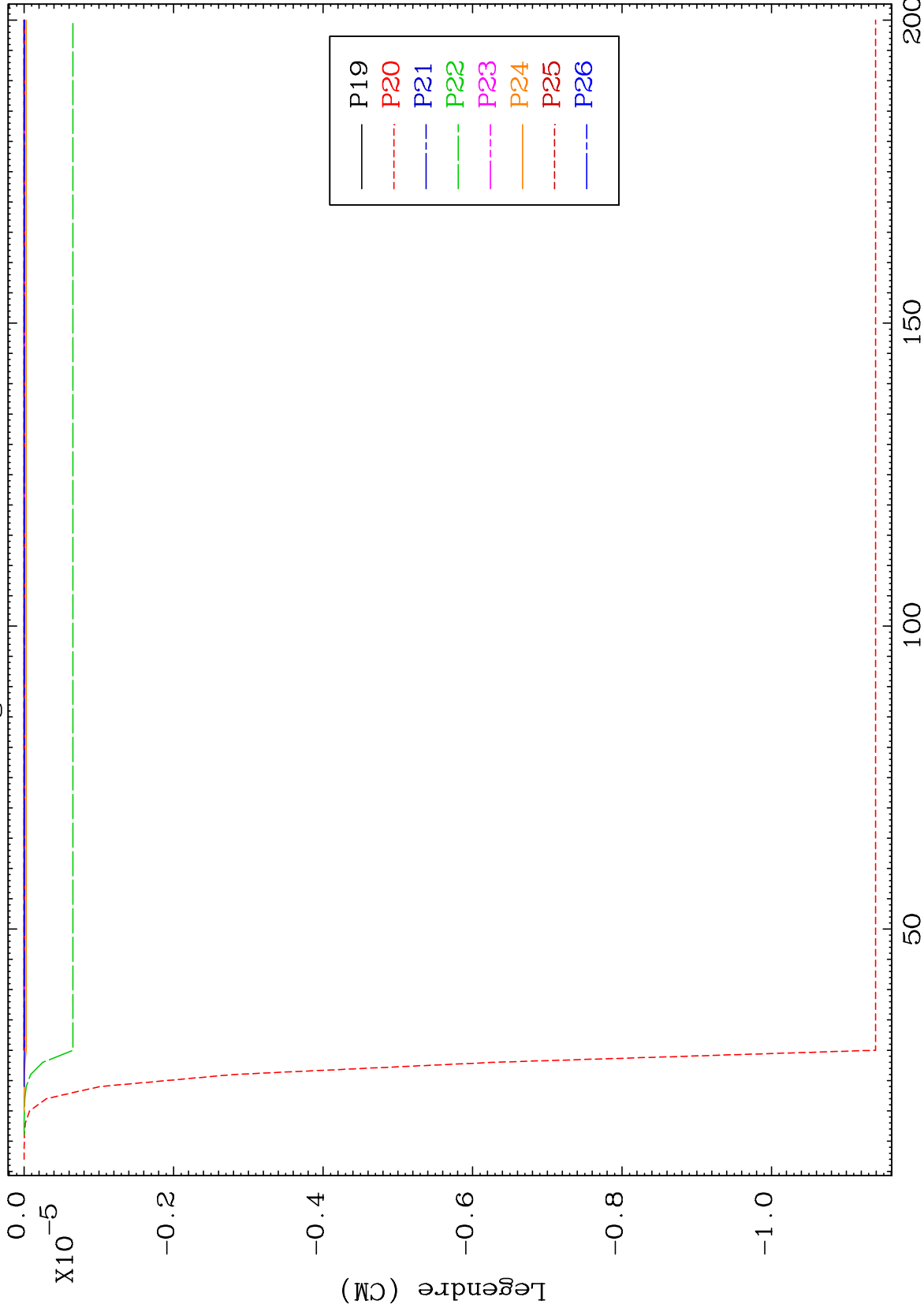
25

77-Ir-178

MAT 7686

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

77-Ir-178



26

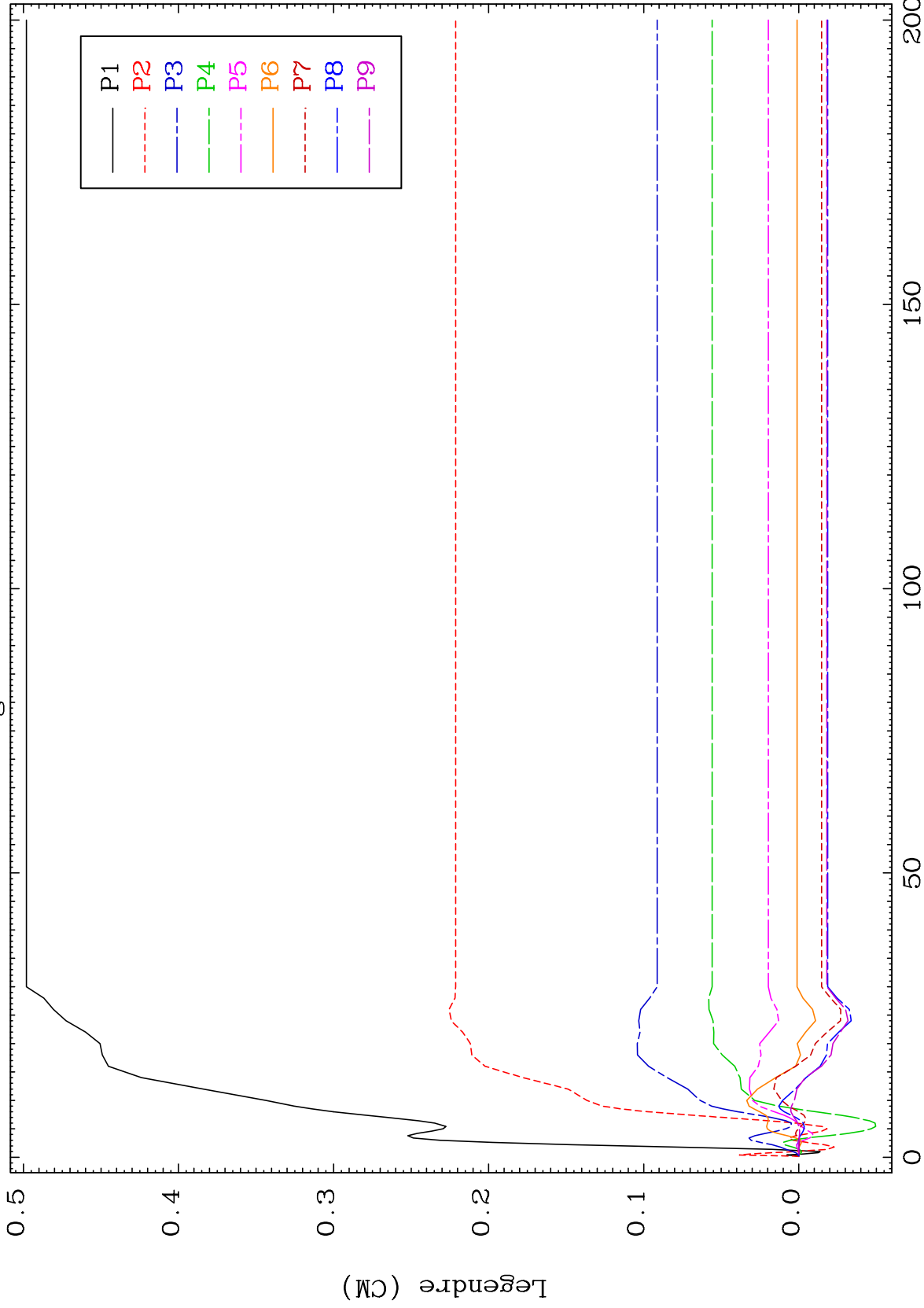
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



27

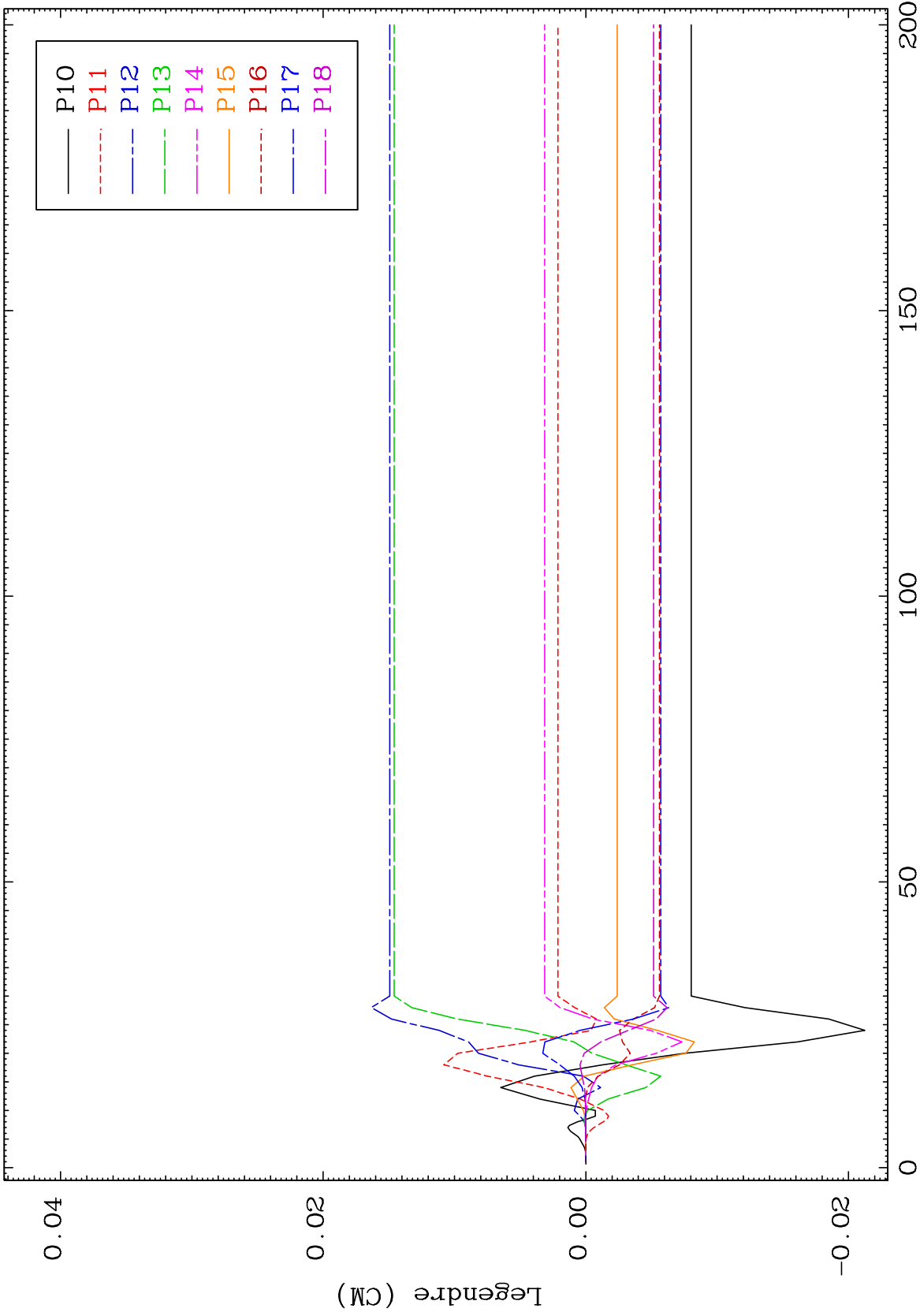
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



28

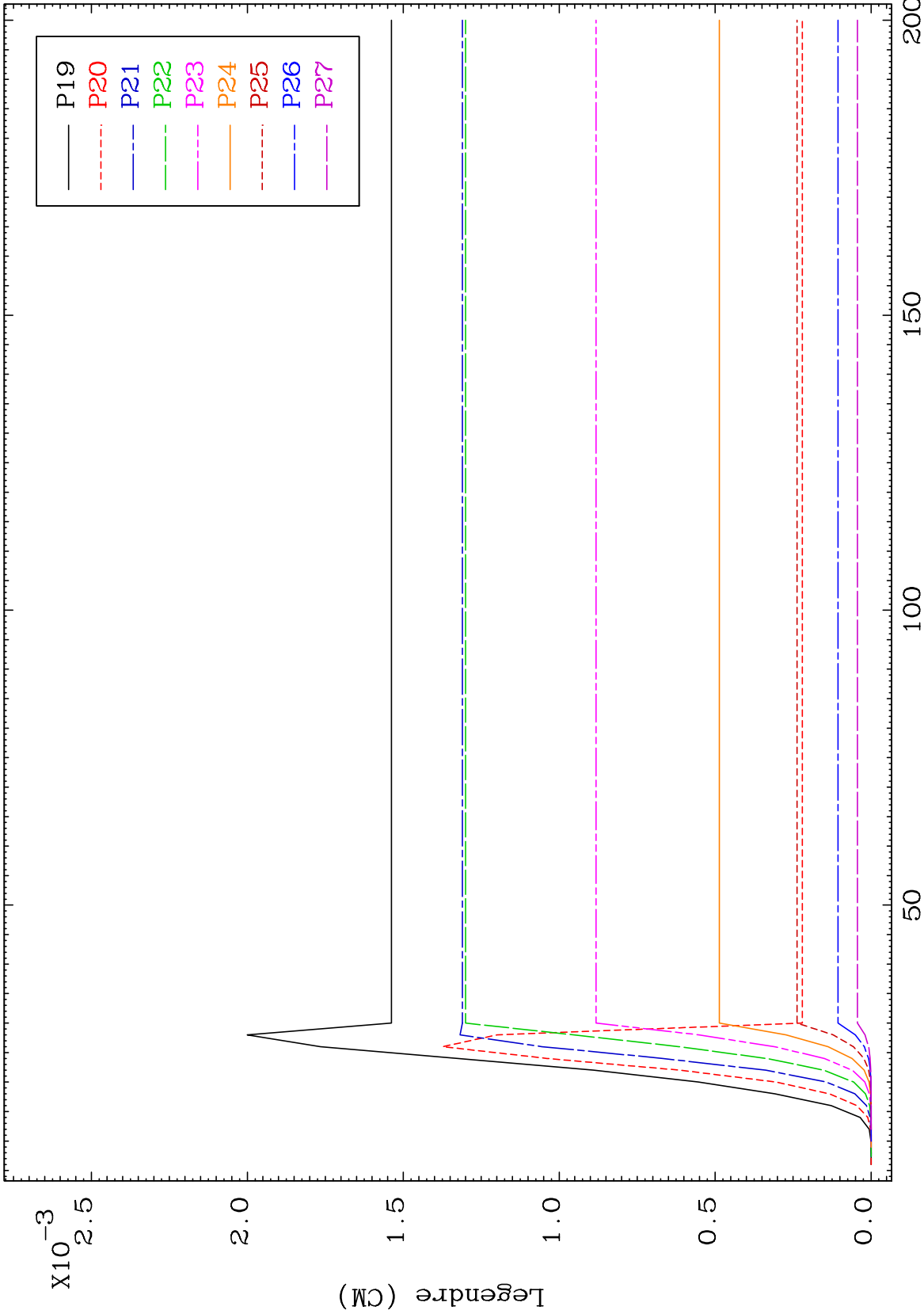
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



29

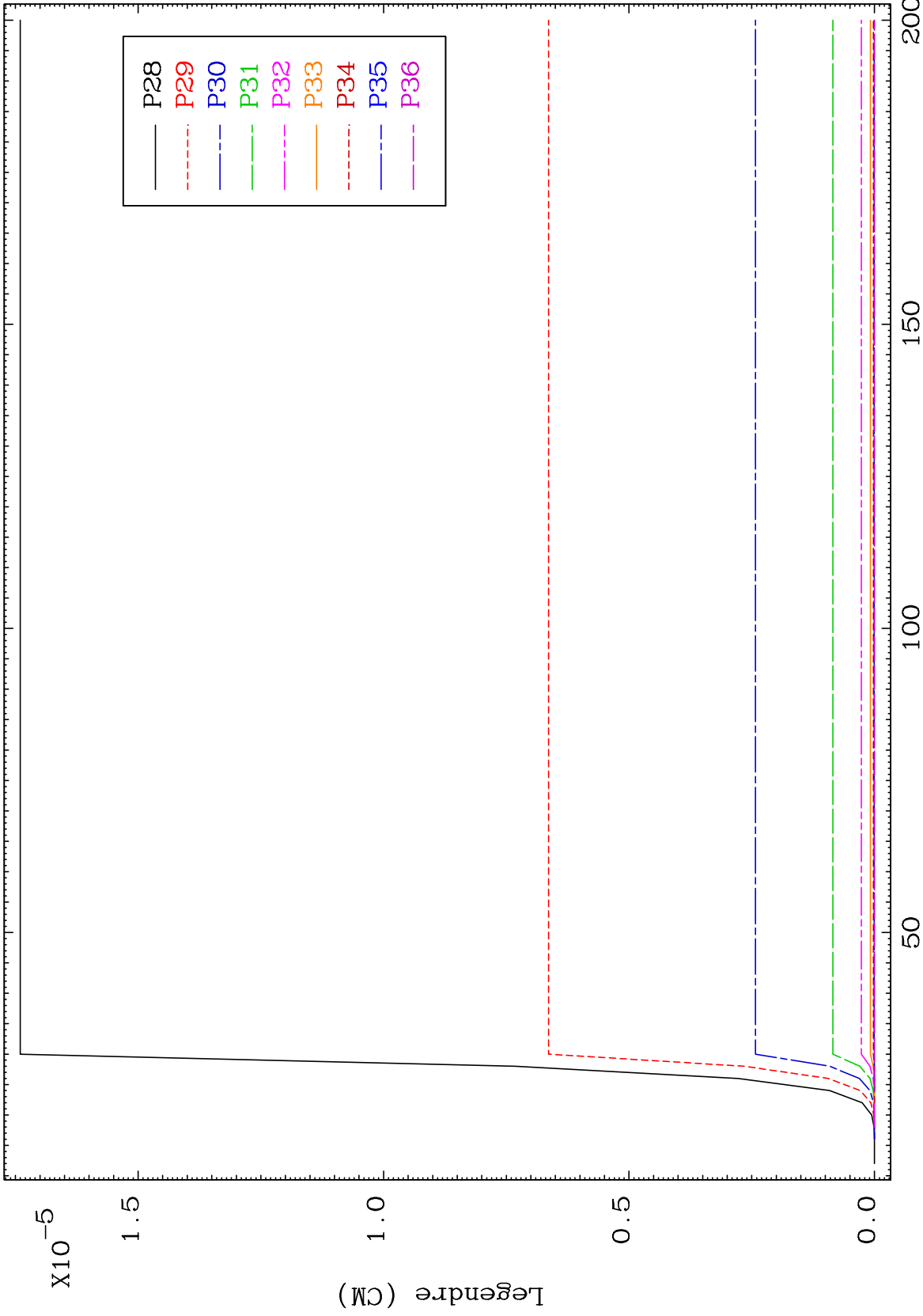
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



30

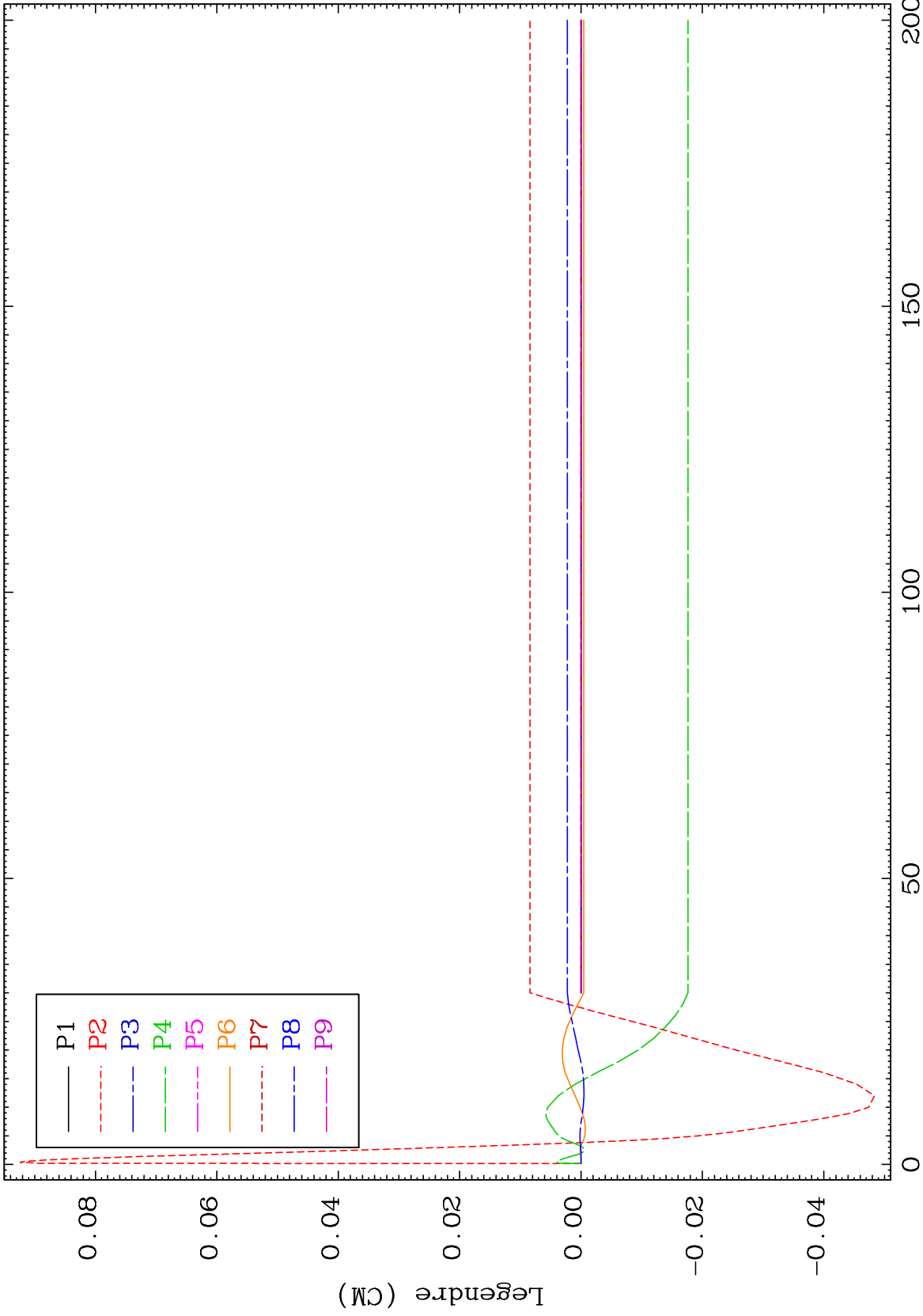
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



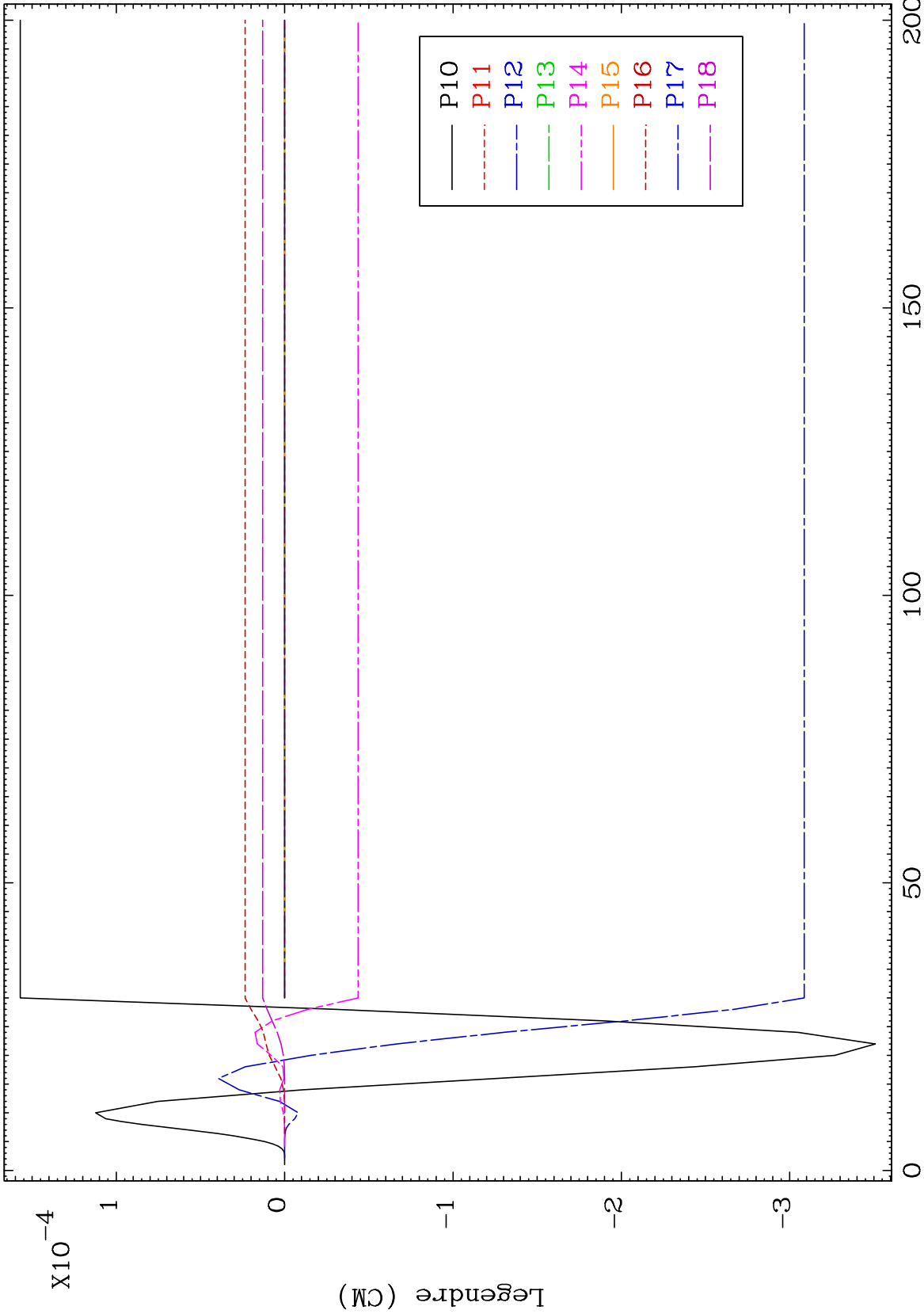
31

77-Ir-178

MAT 7686

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

77-Ir-178



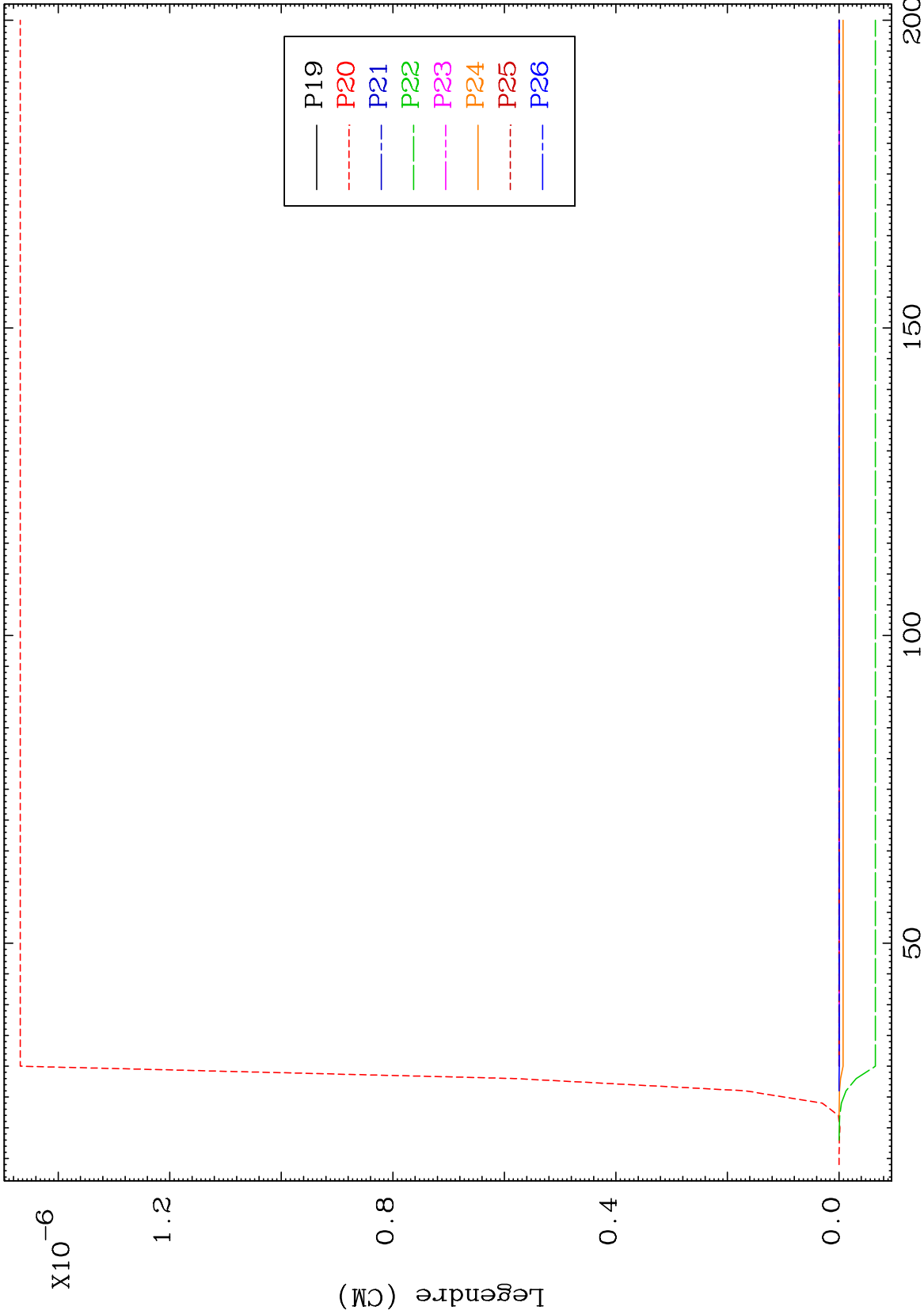
32

77-Ir-178

MAT 7686

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

77-Ir-178



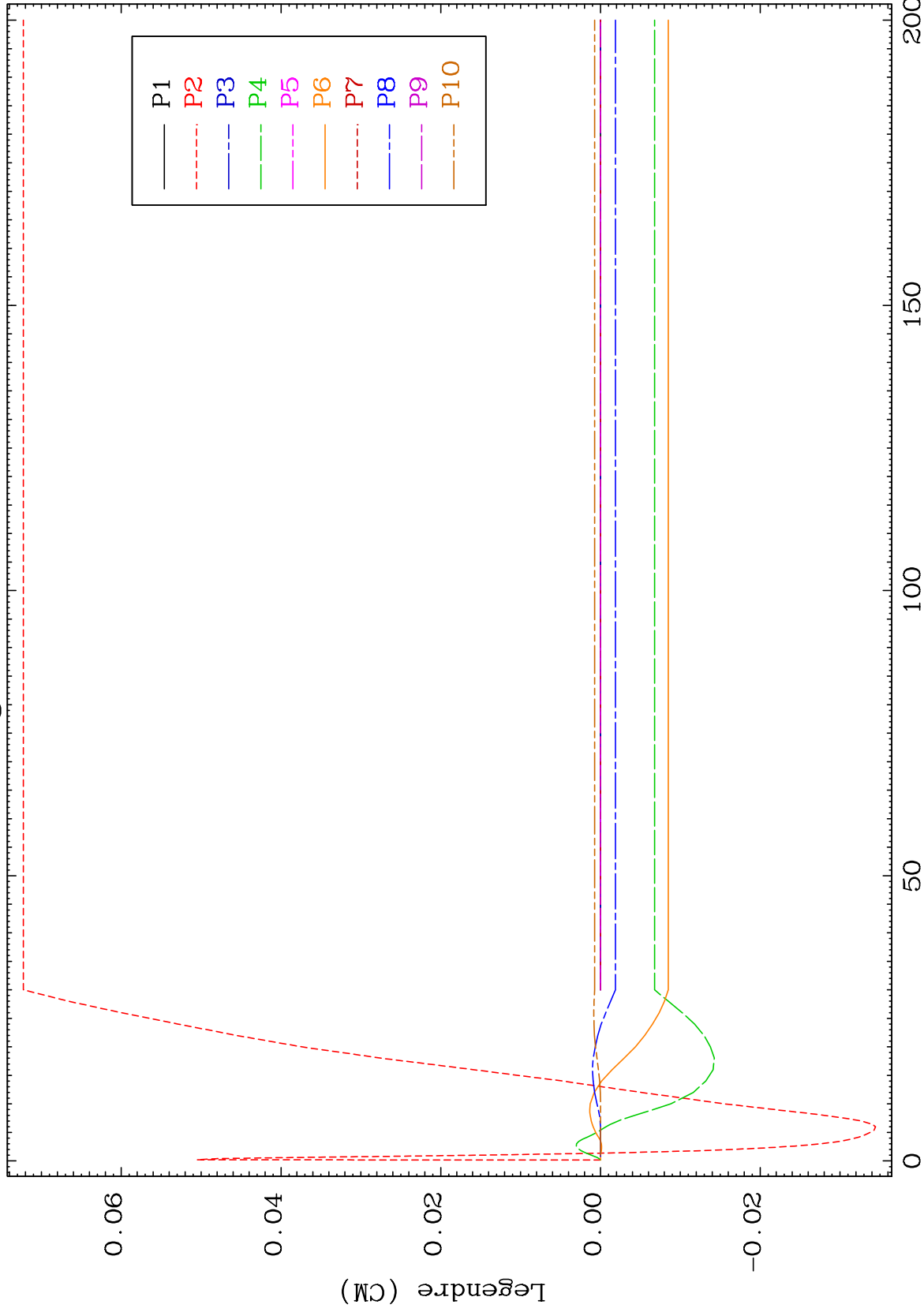
33

77-Ir-178

MAT 7686

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

77-Ir-178



34

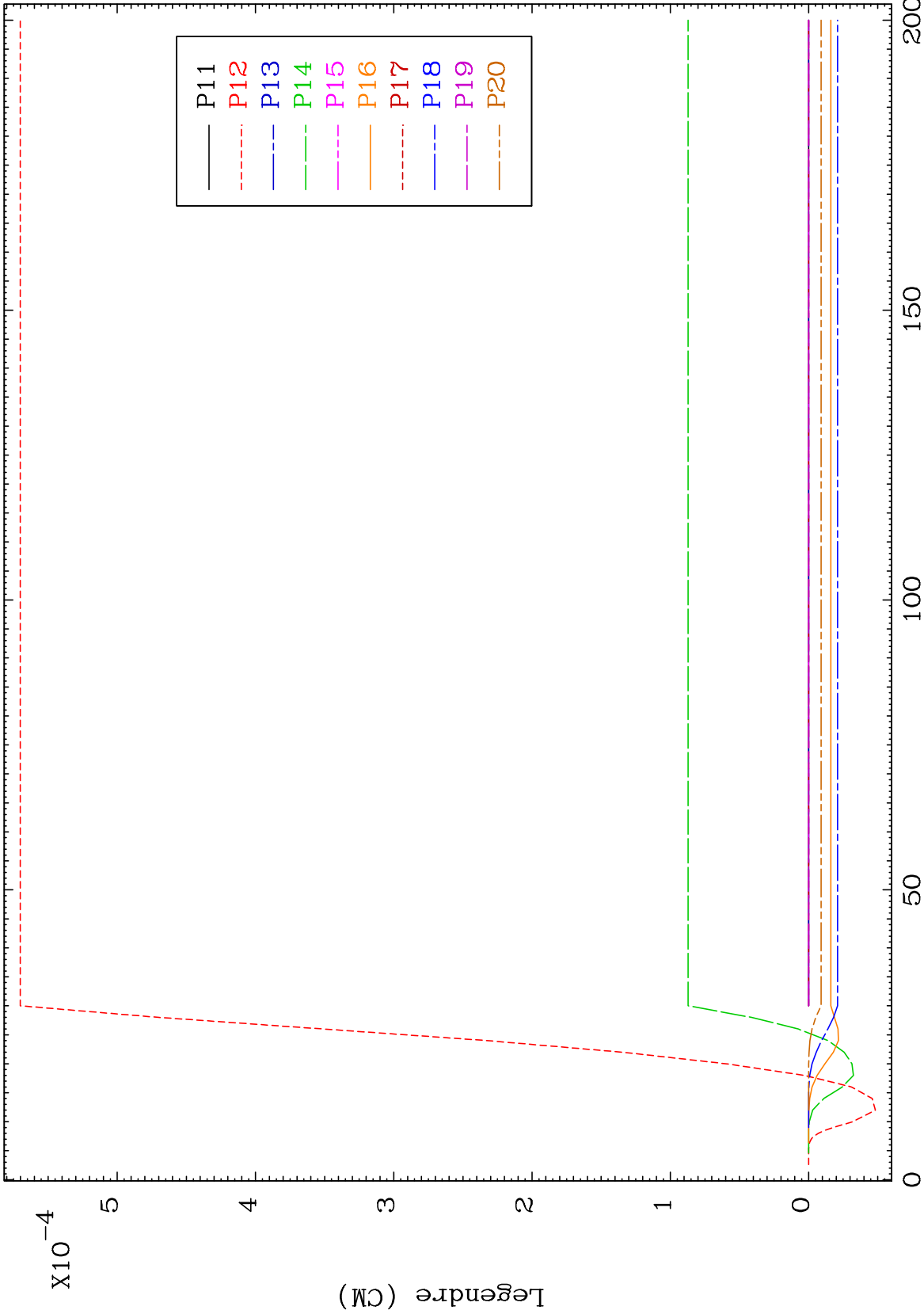
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



35

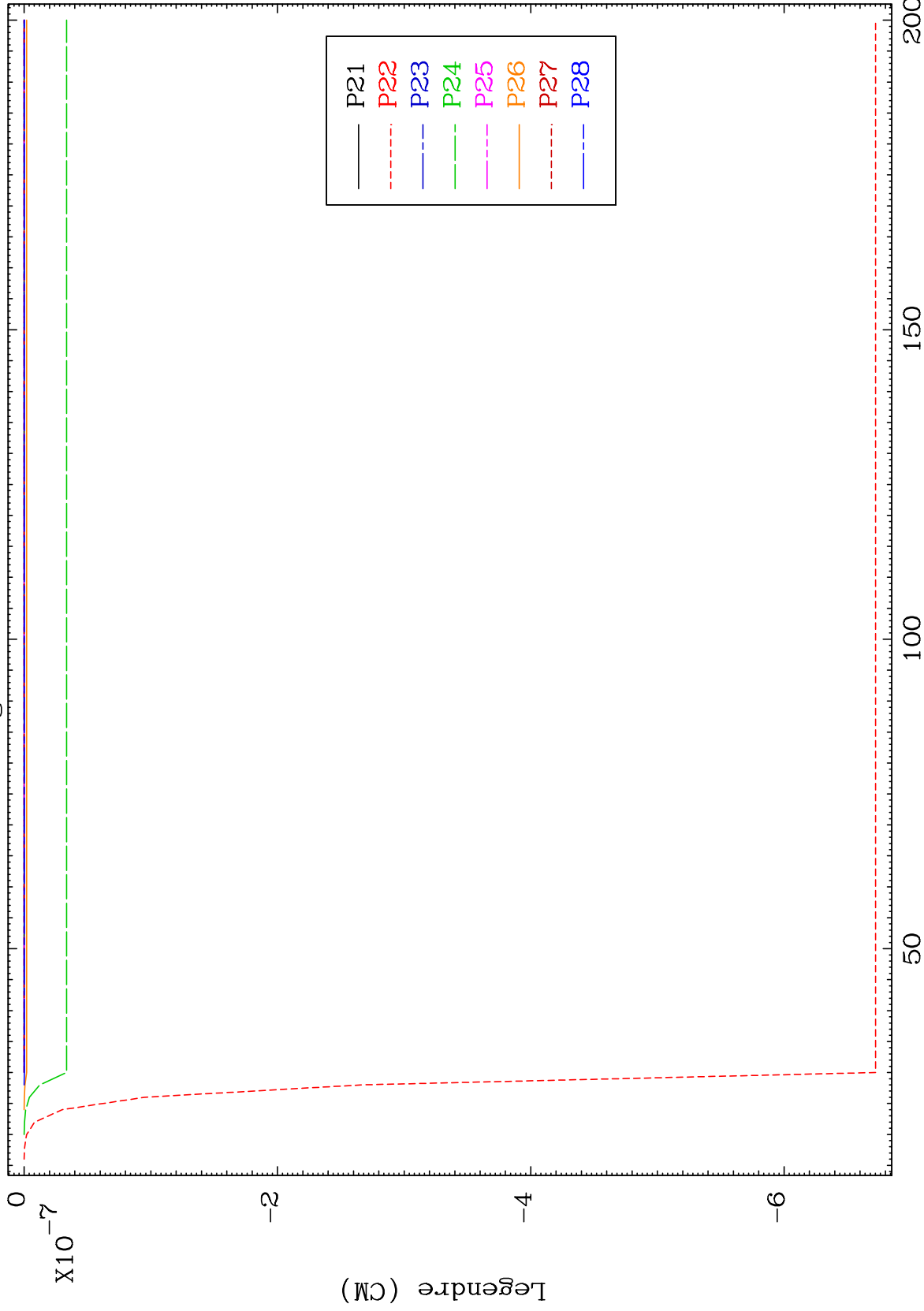
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



36

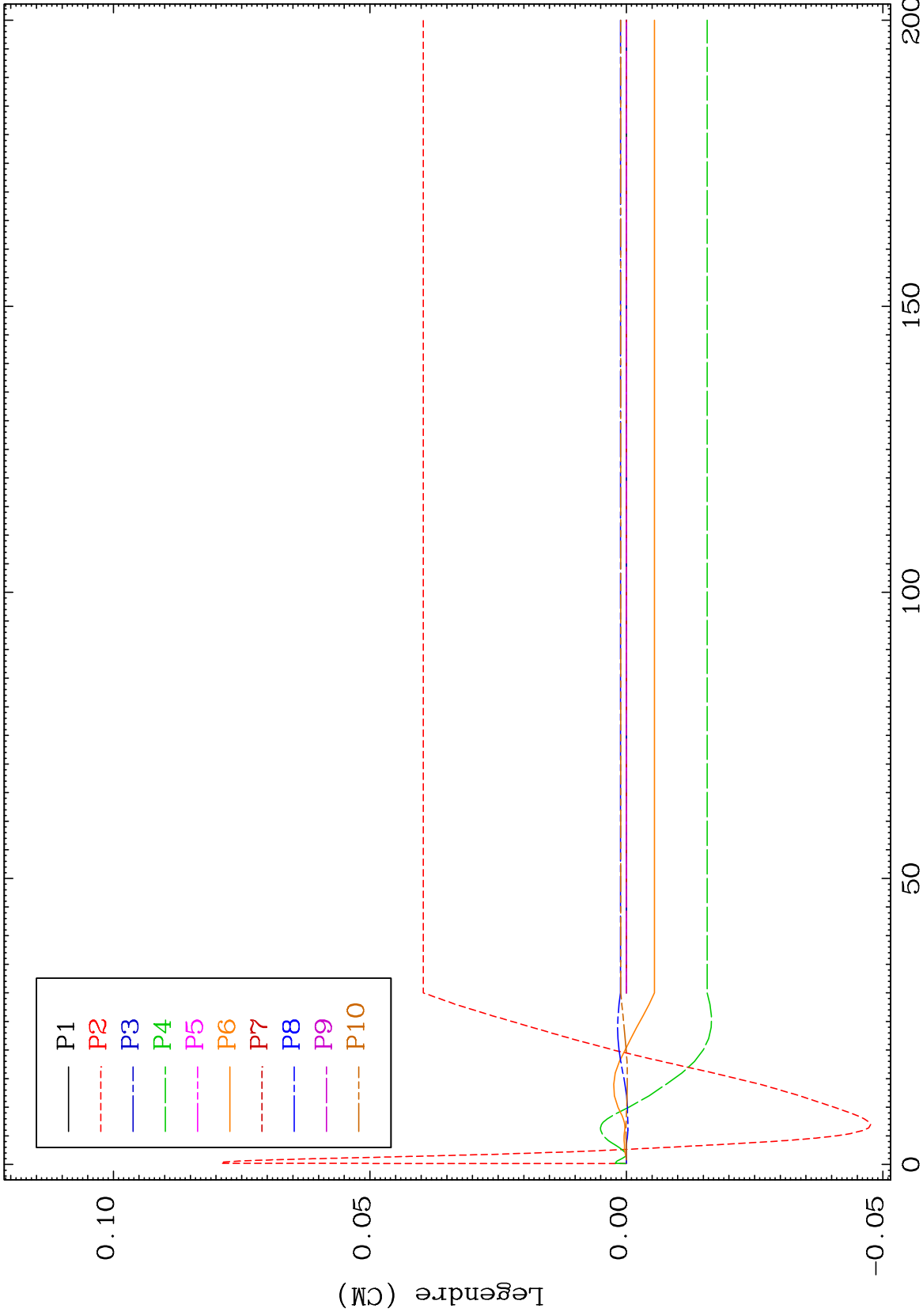
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



37

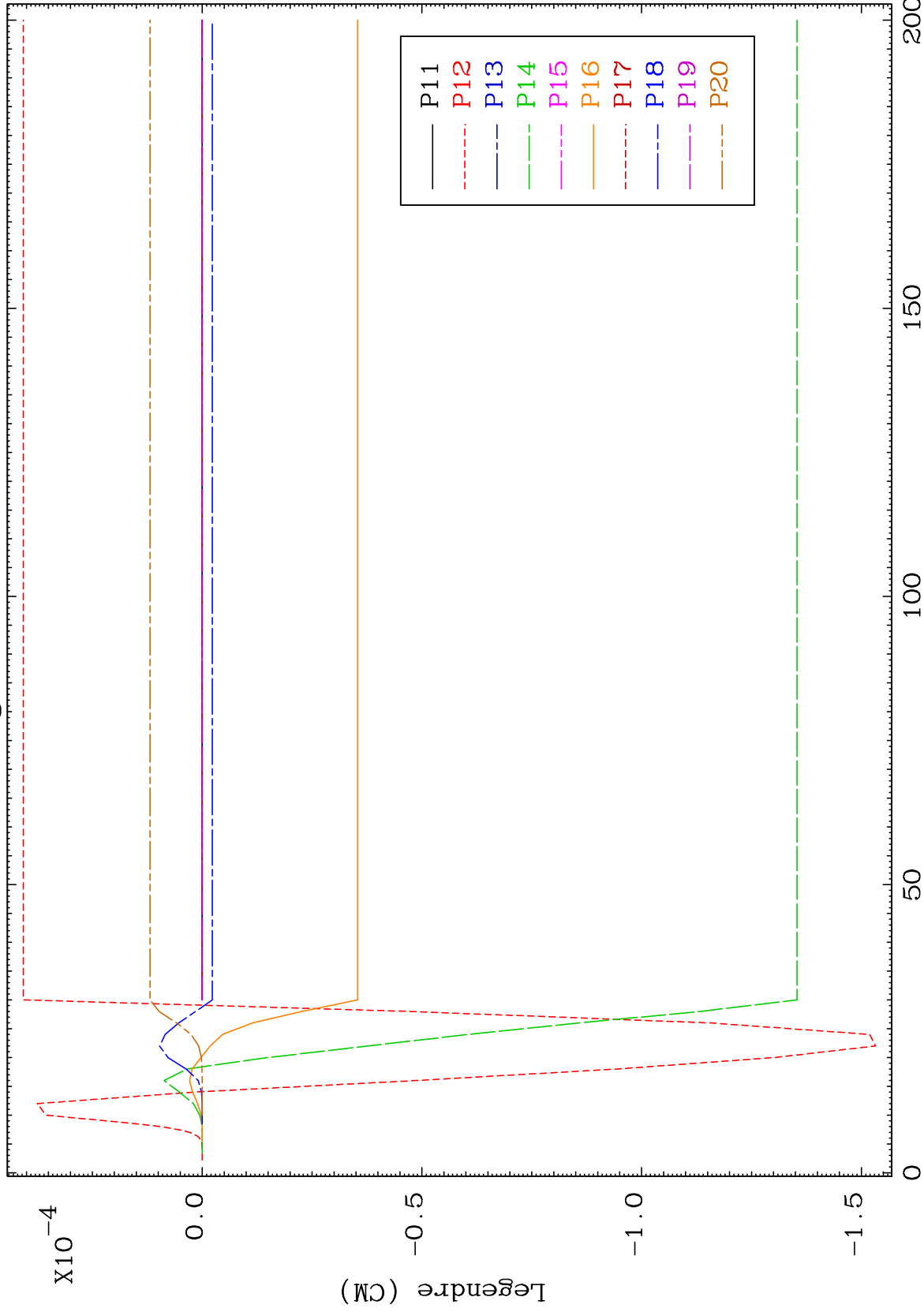
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



38

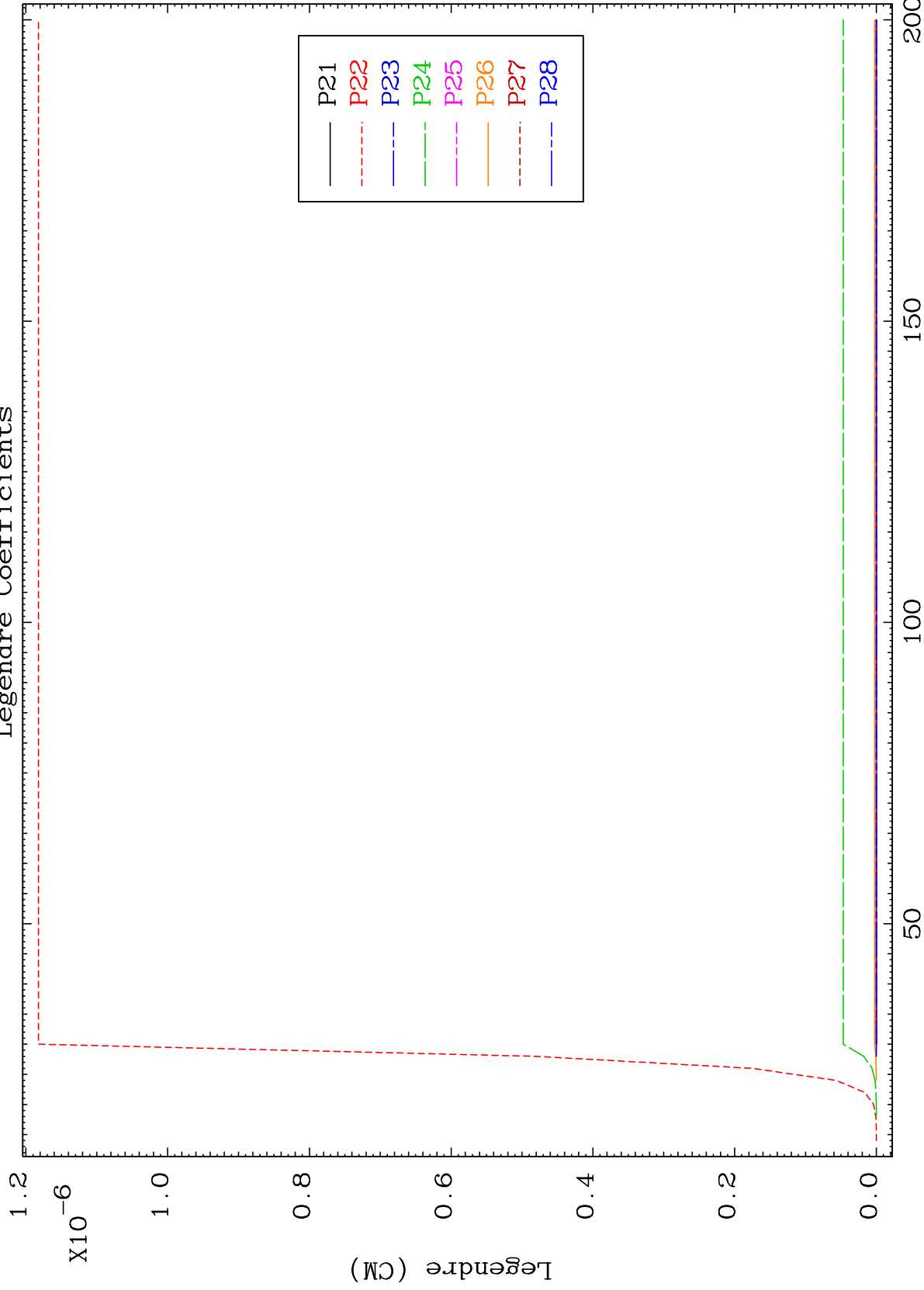
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



39

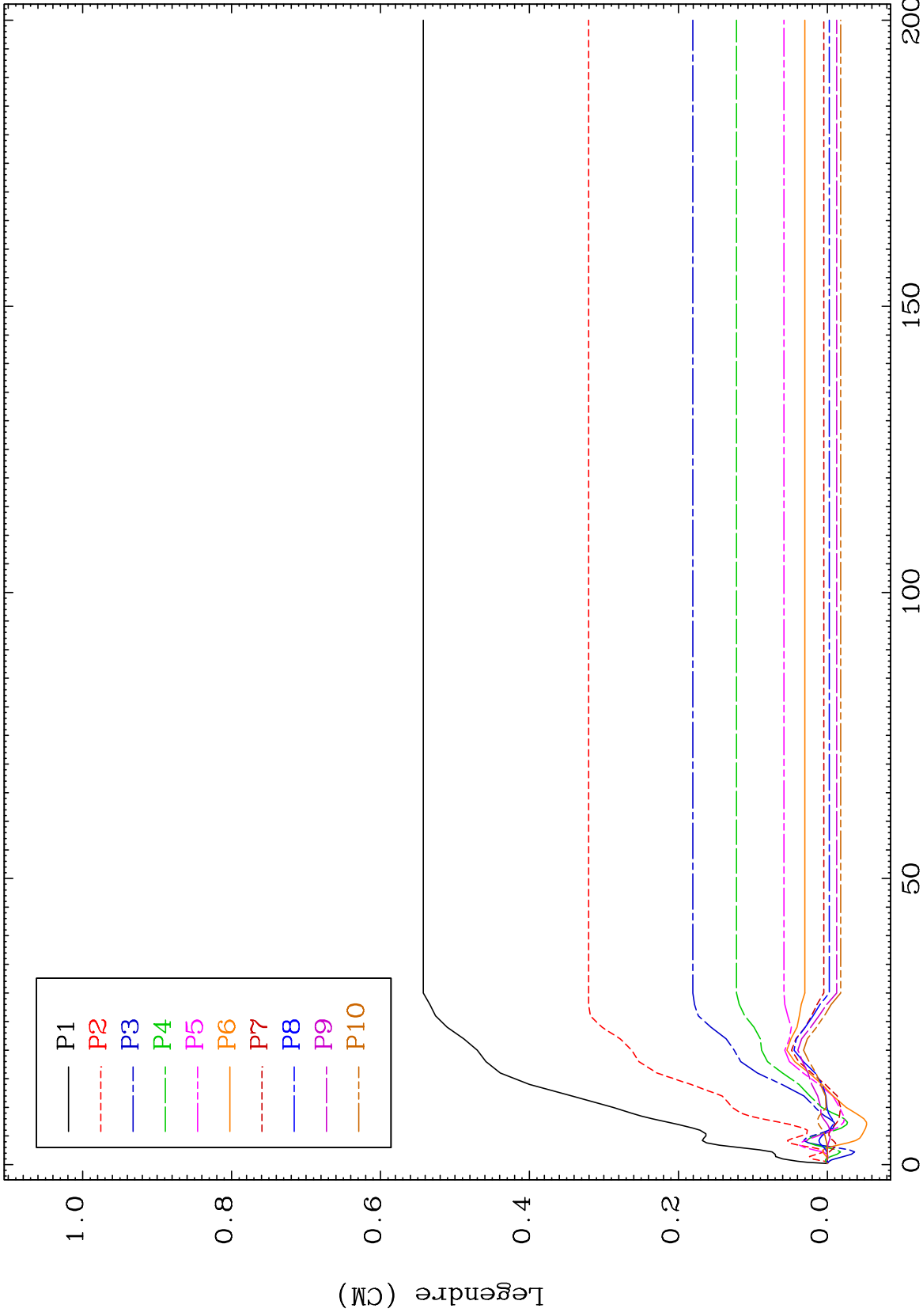
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



40

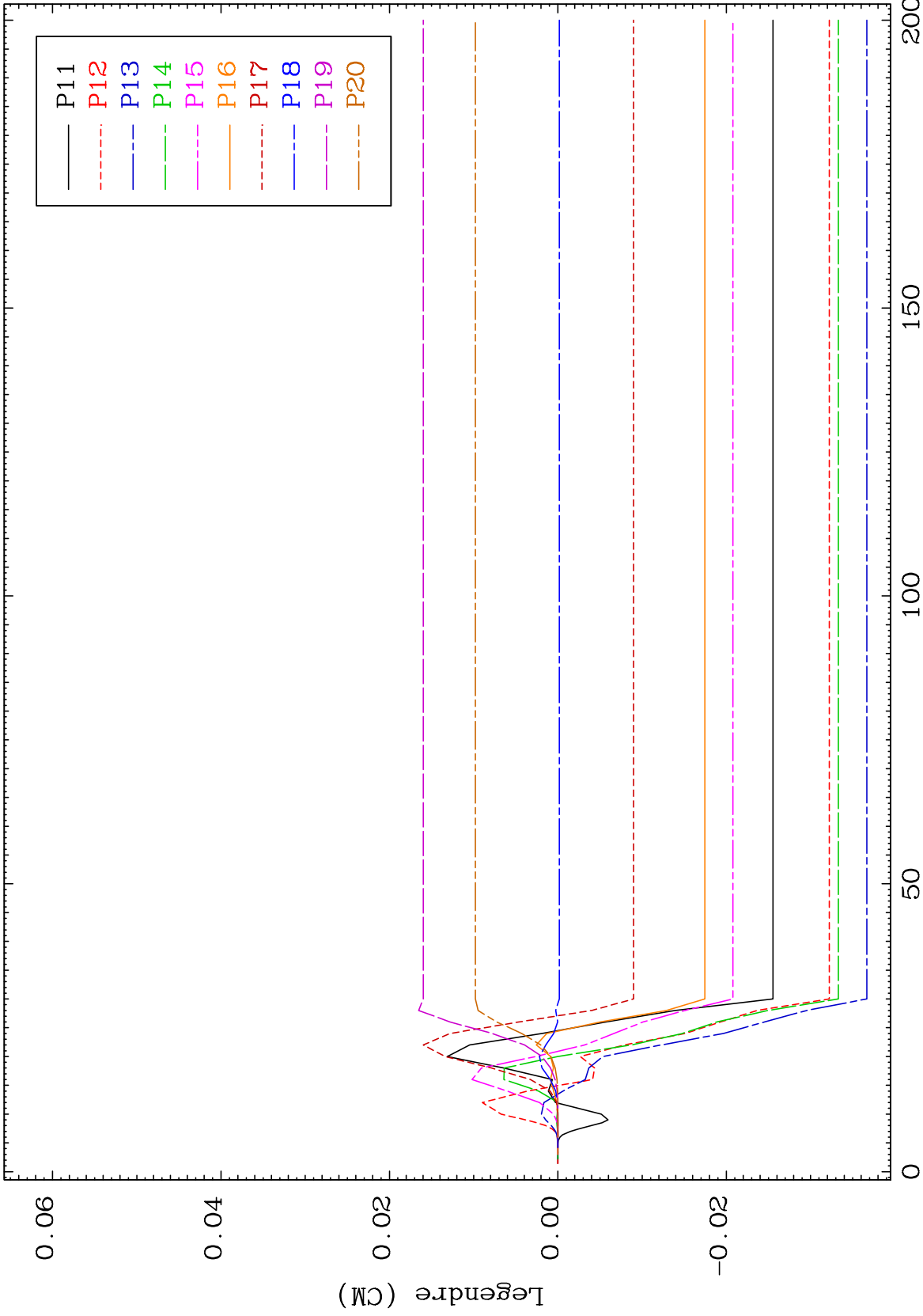
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



41

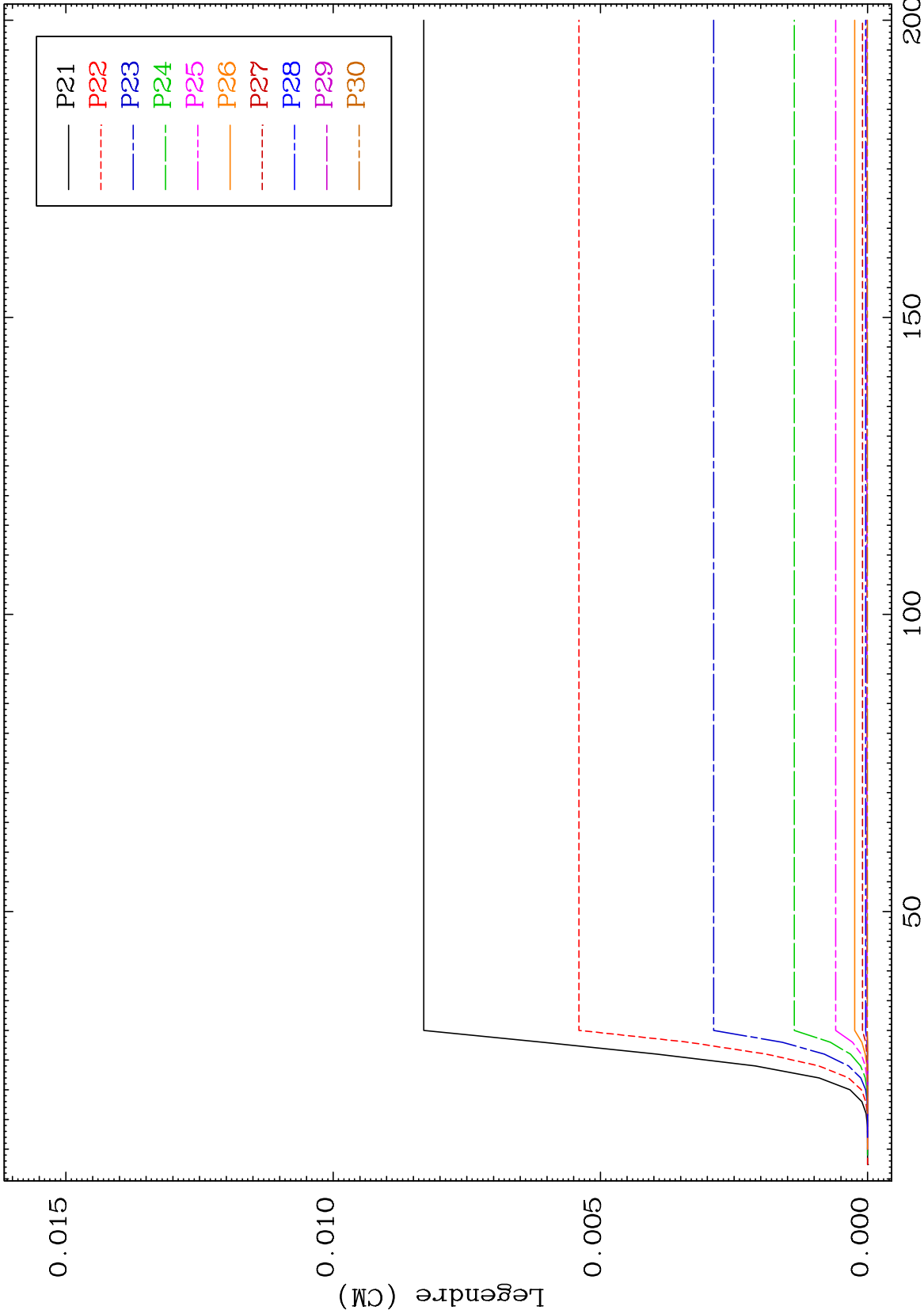
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



42

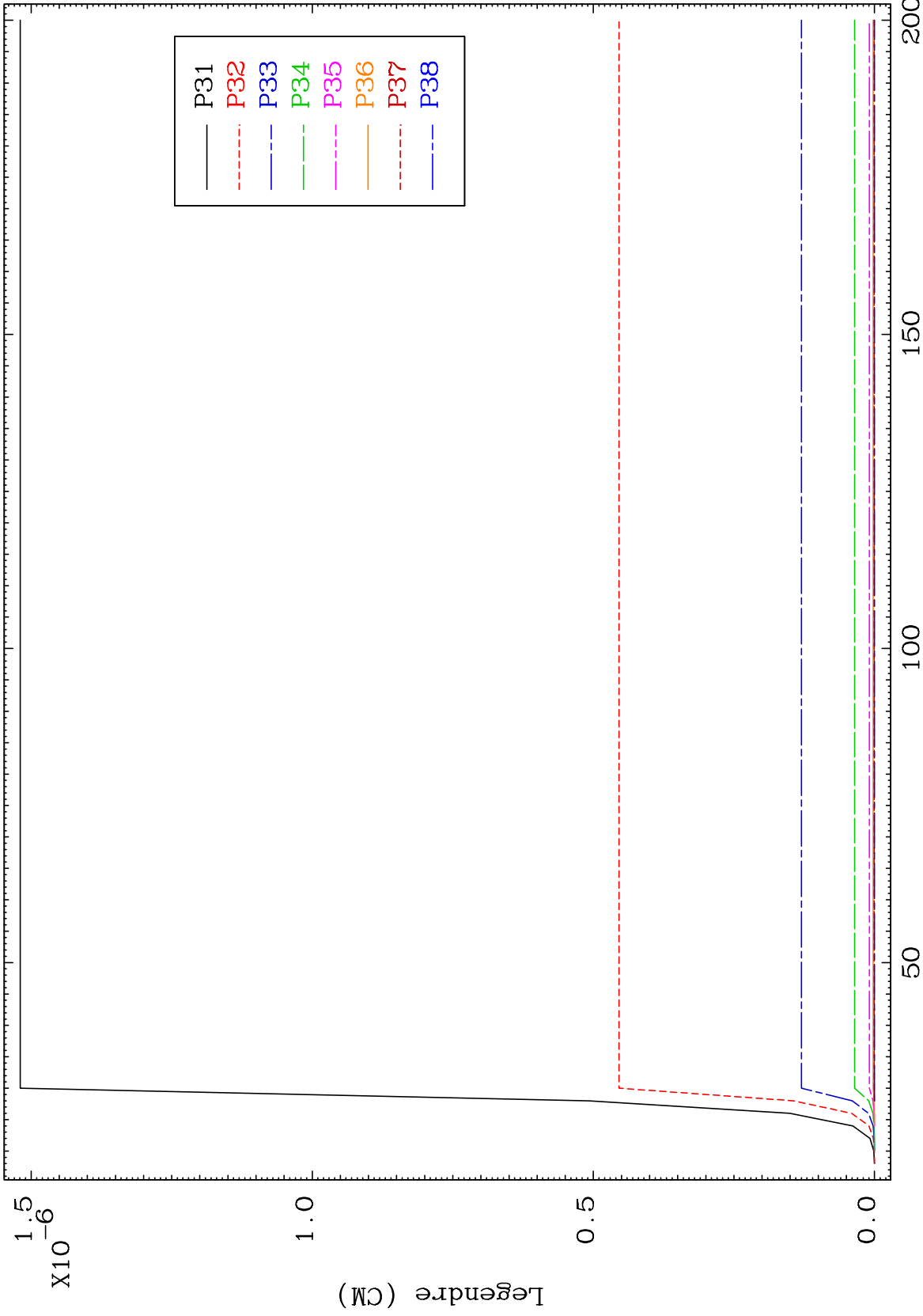
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



43

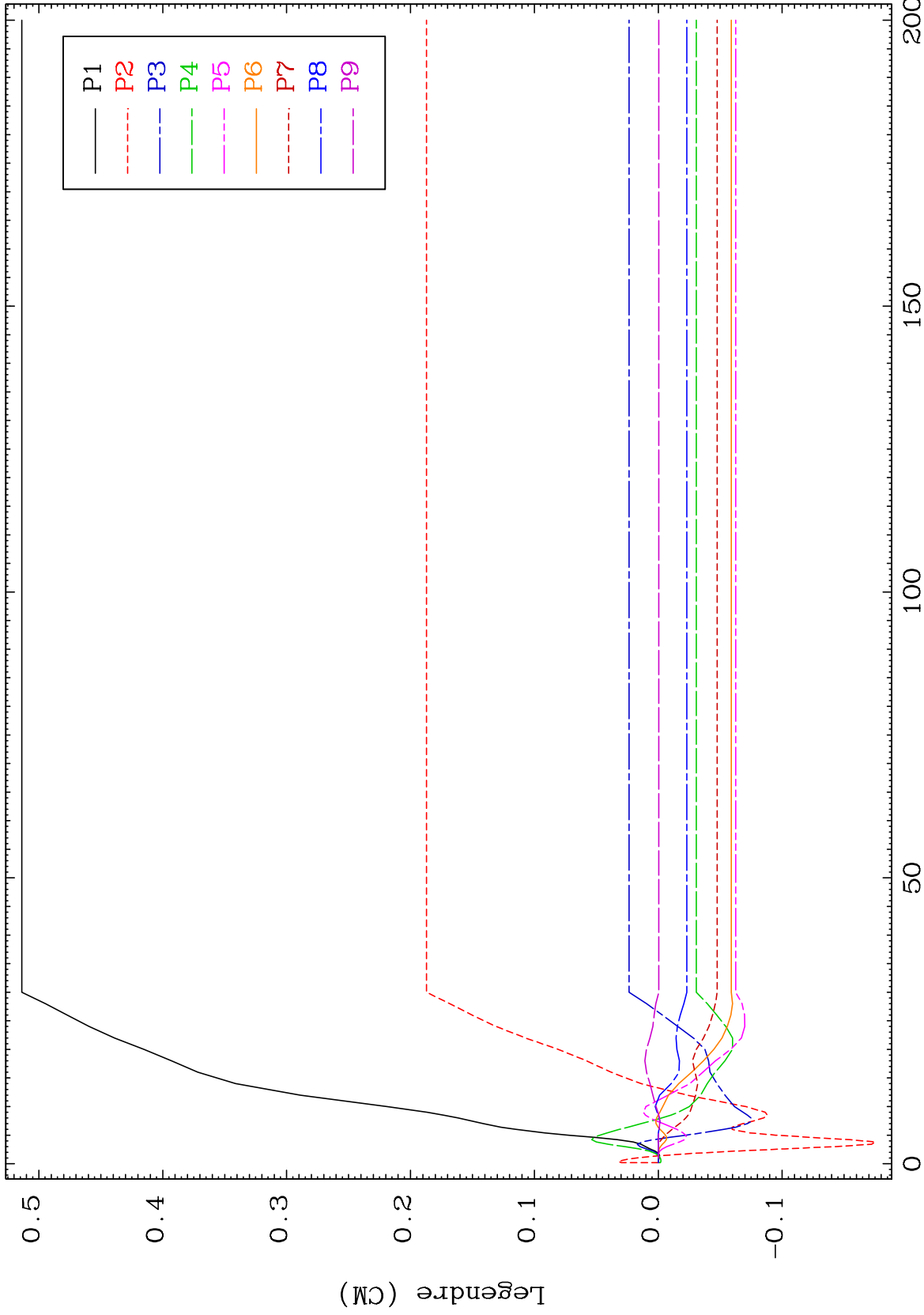
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



44

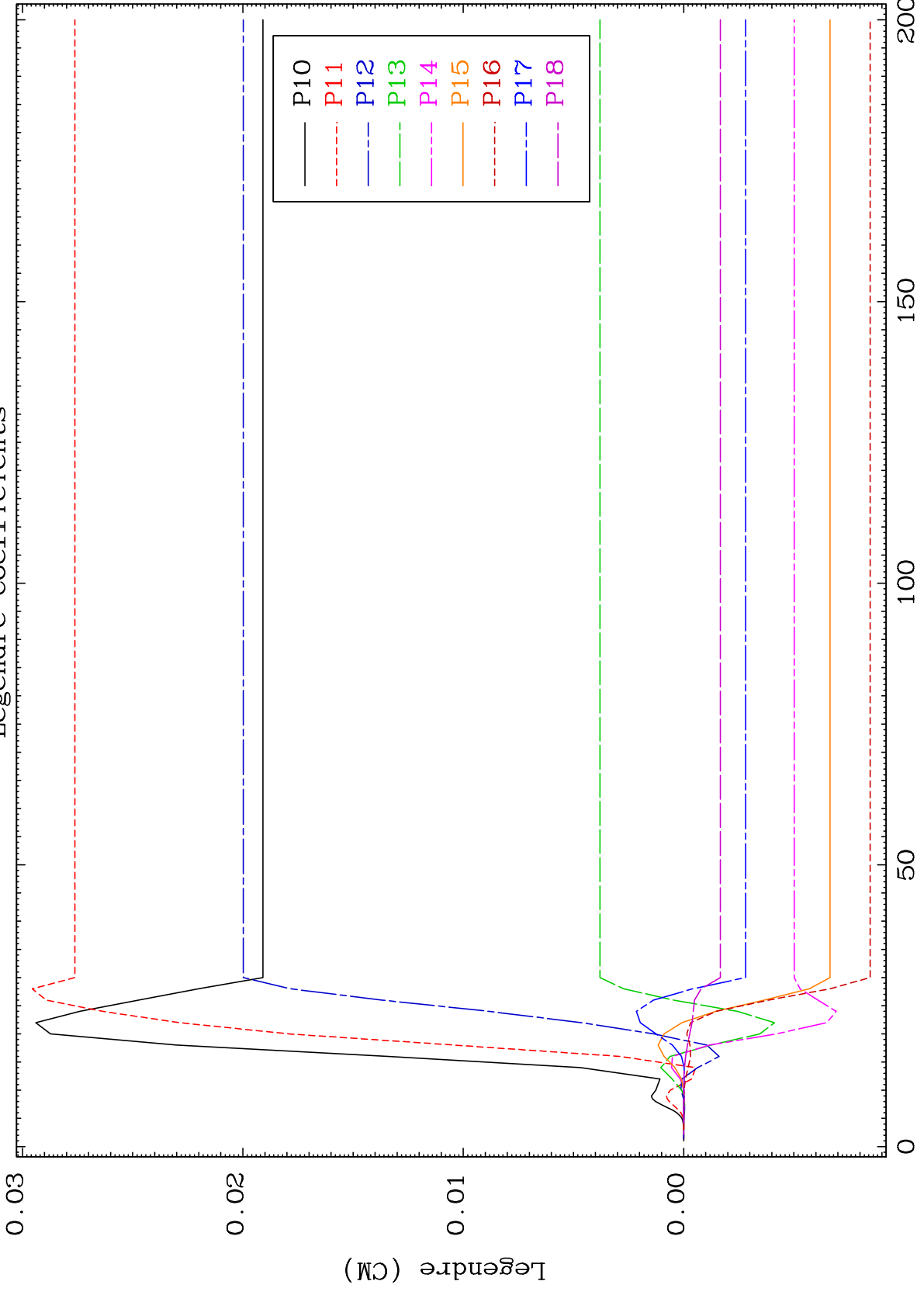
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



45

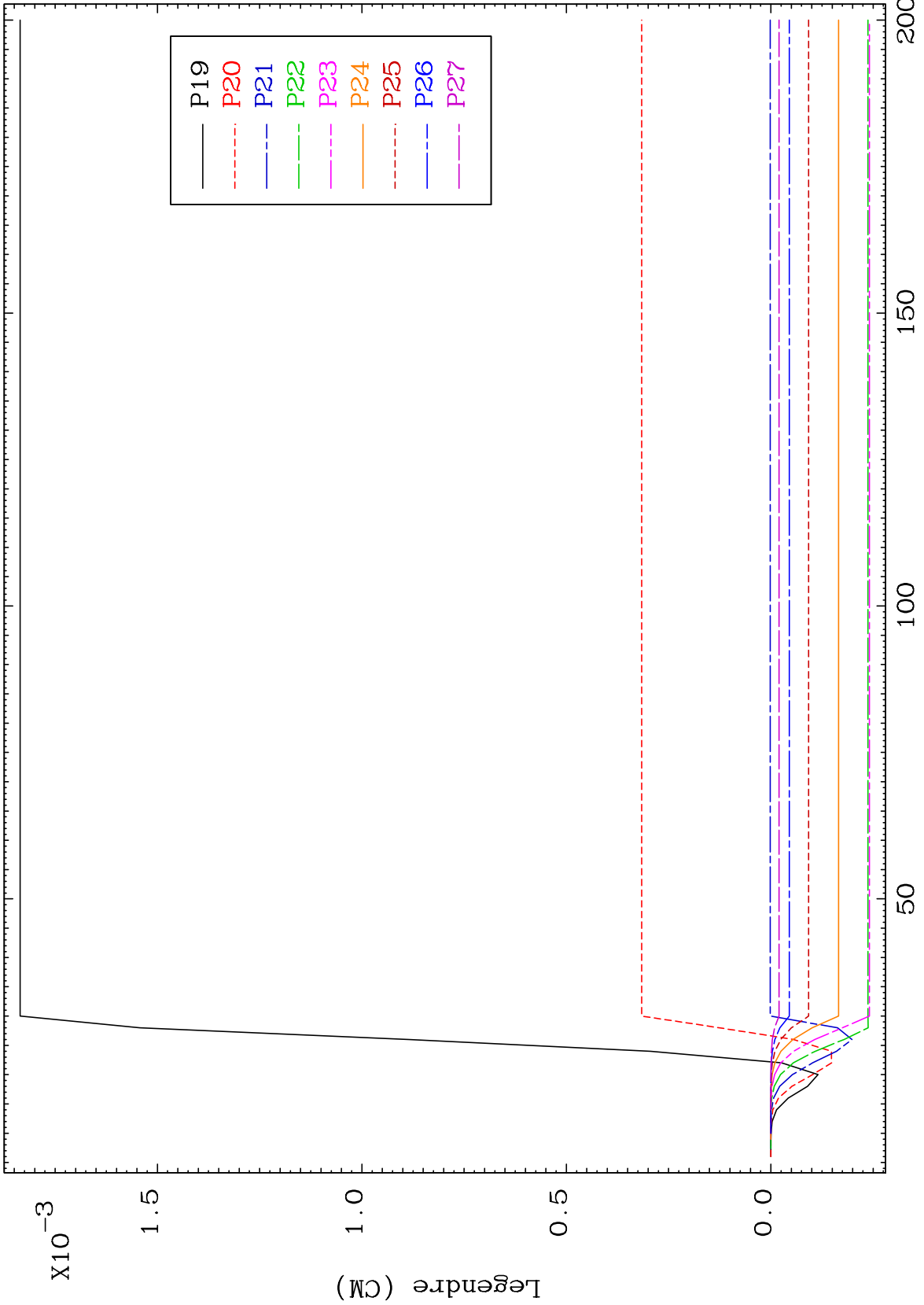
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



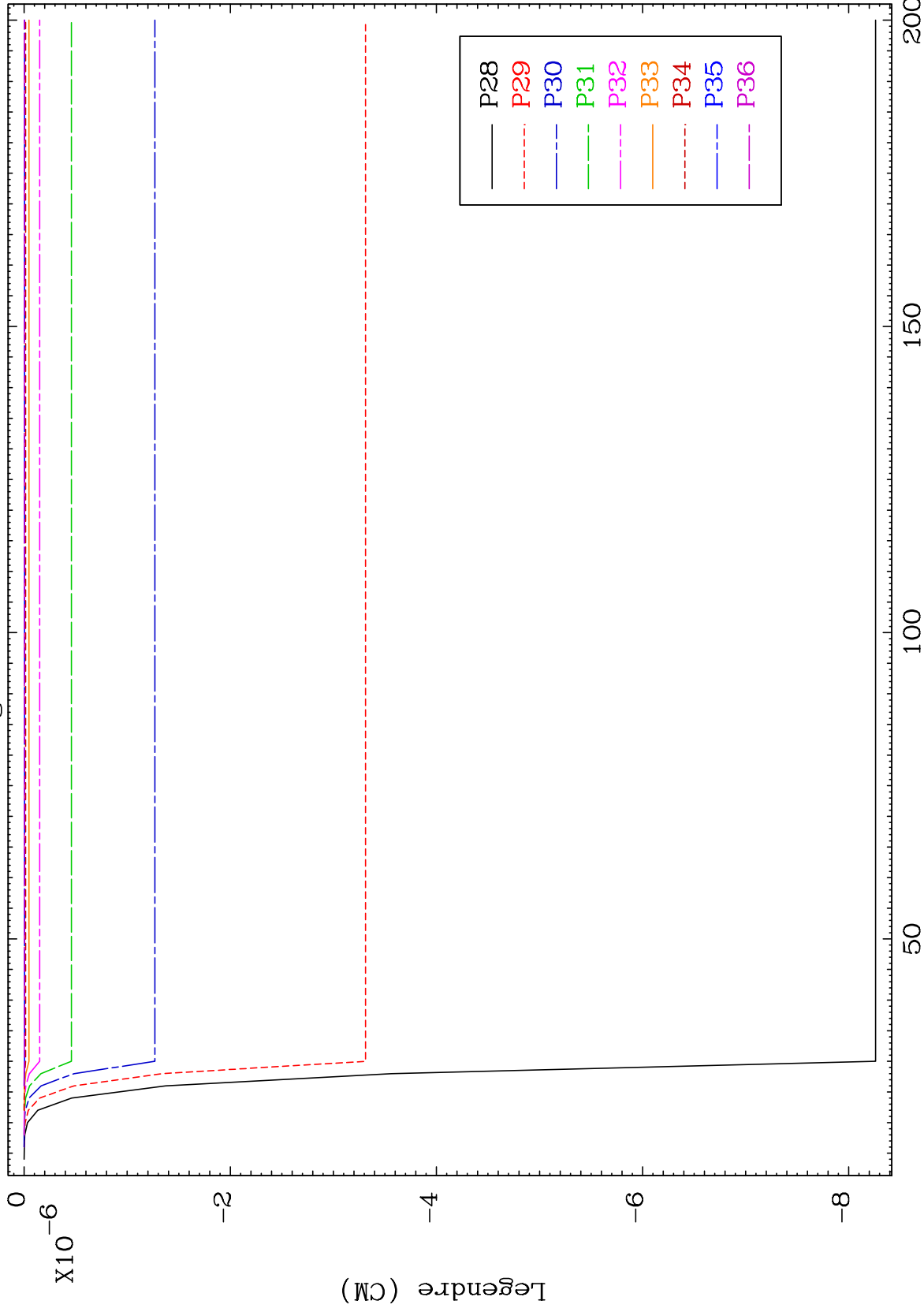
46

77-Ir-178

MAT 7686

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

77-Ir-178



47

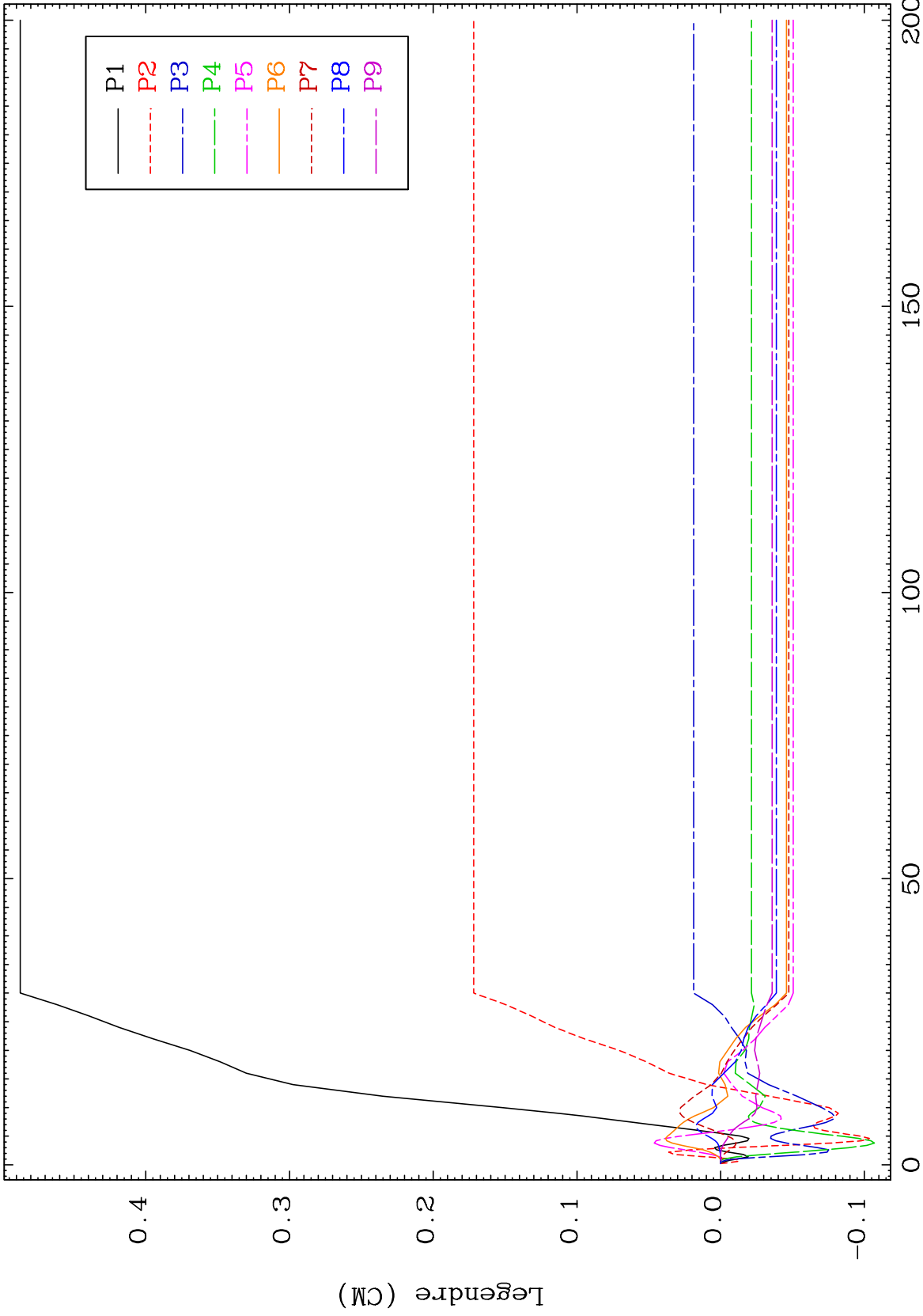
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



48

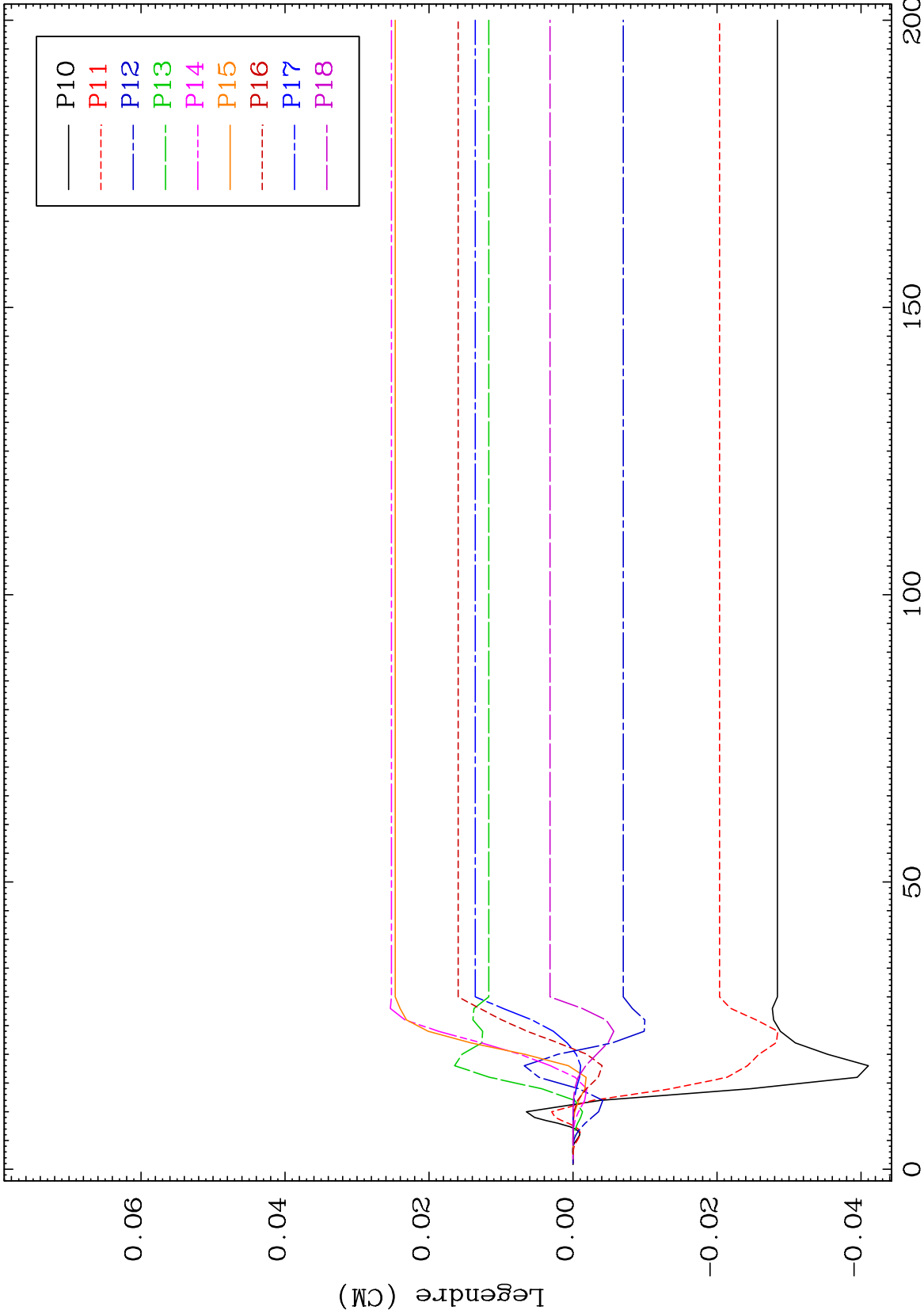
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



49

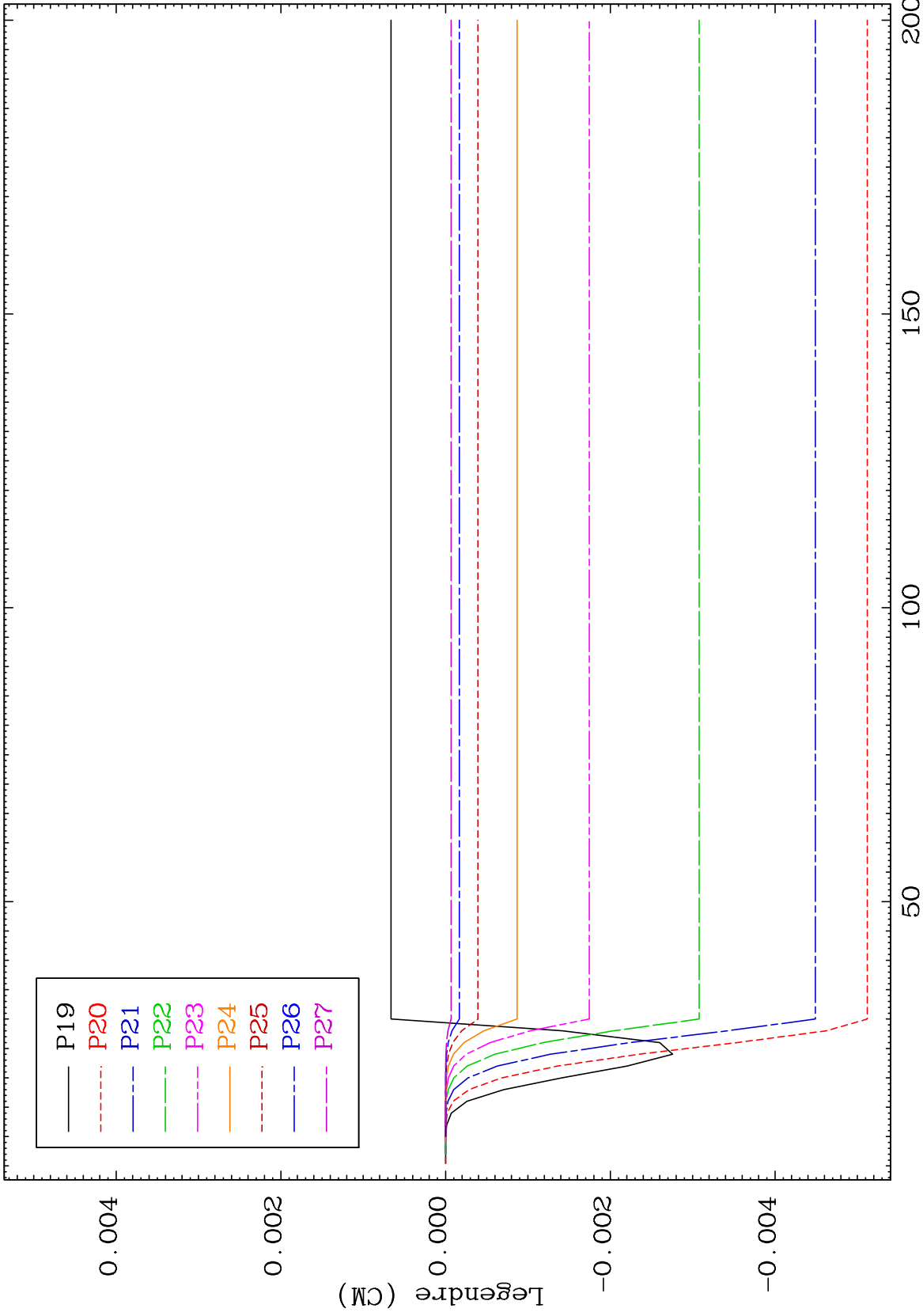
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



50

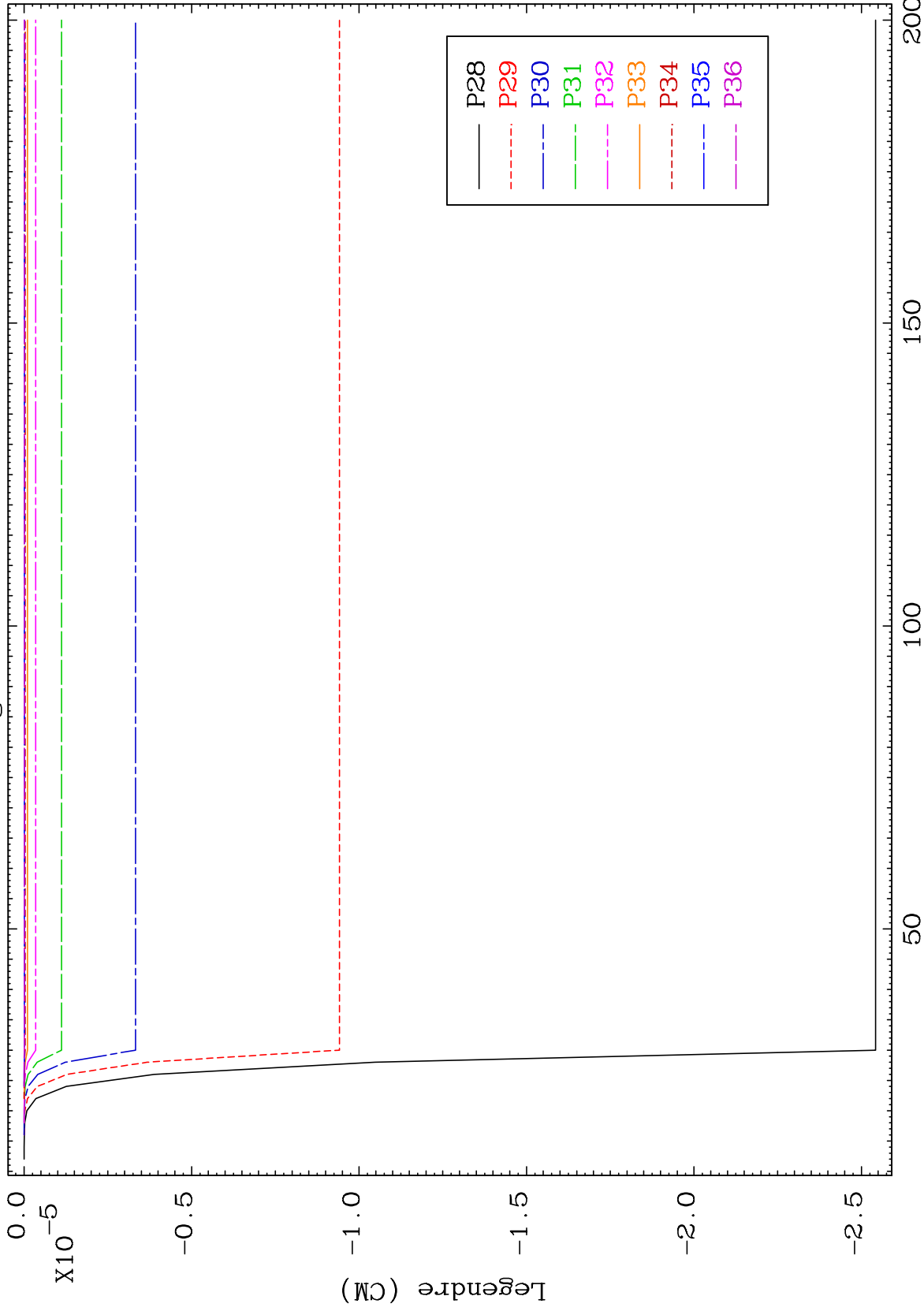
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



51

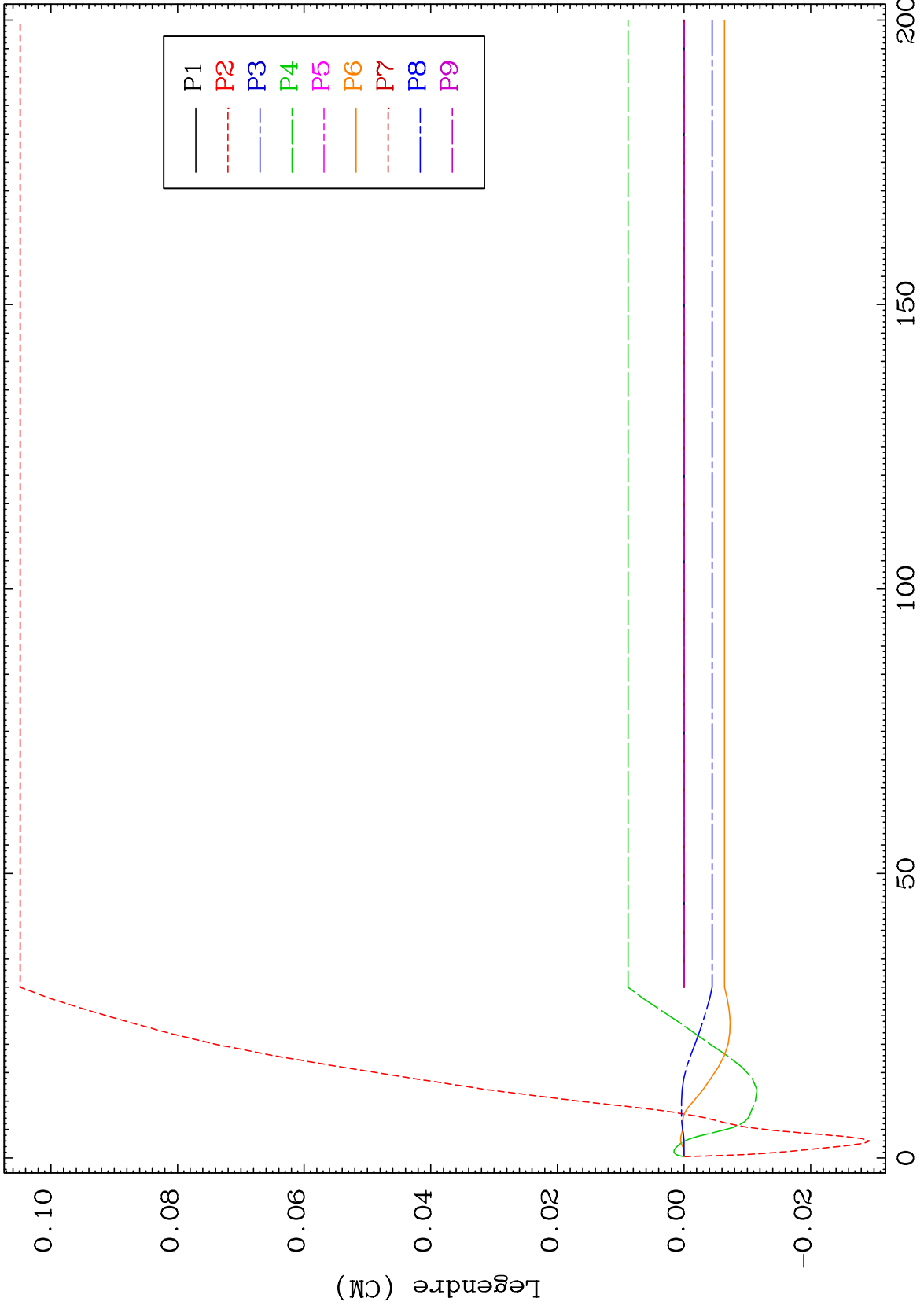
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



52

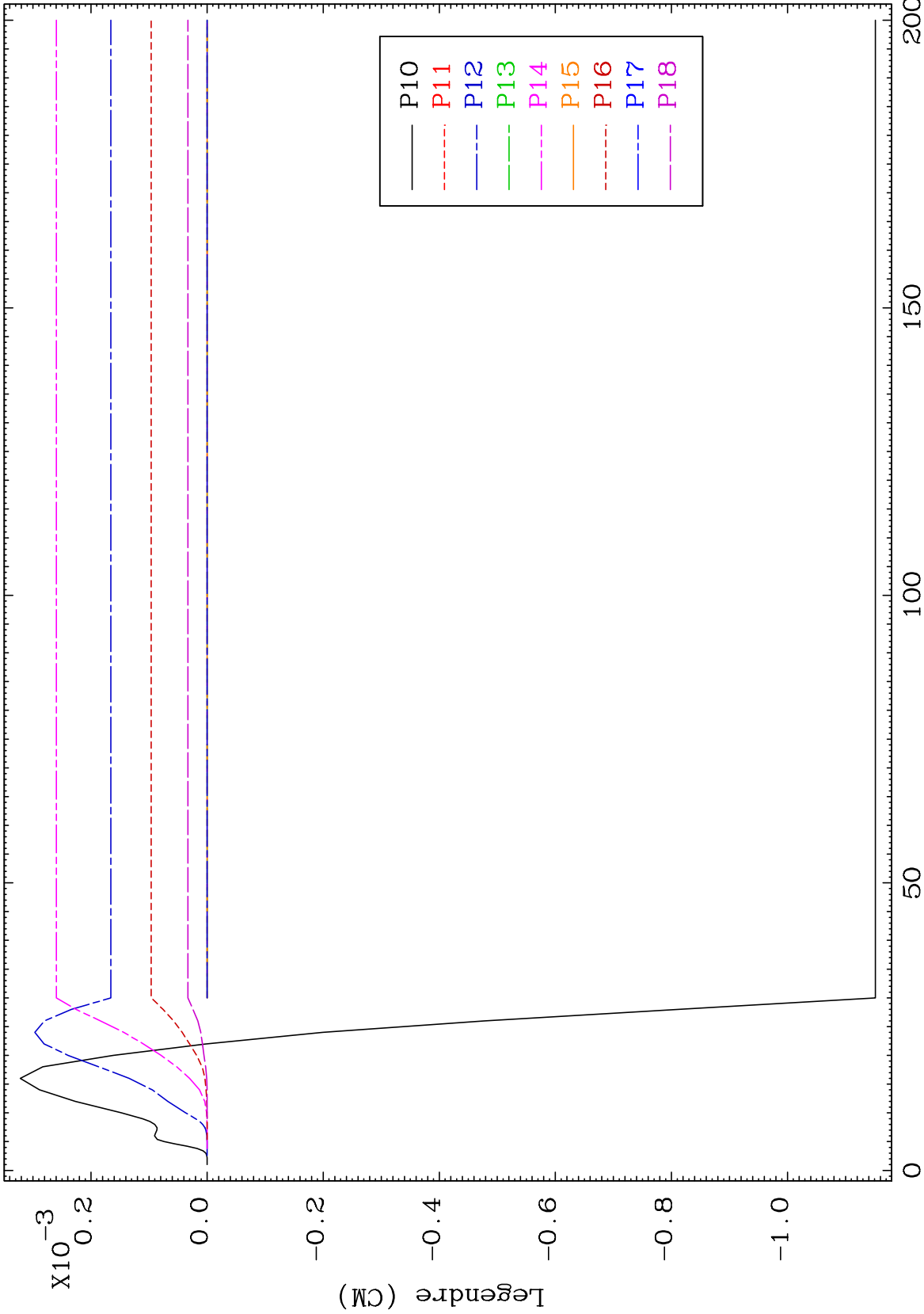
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



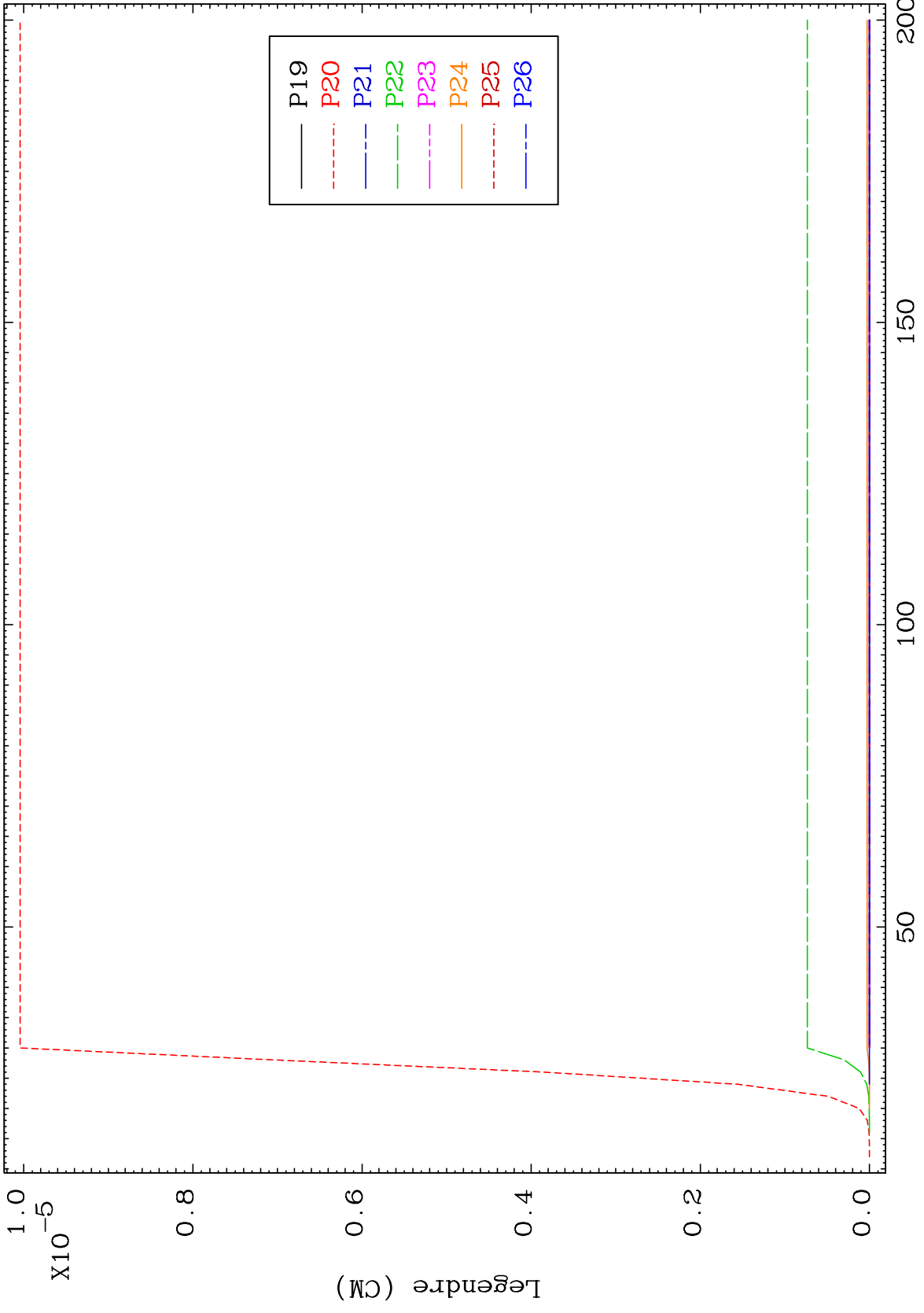
53

77-Ir-178

MAT 7686

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

77-Ir-178



54

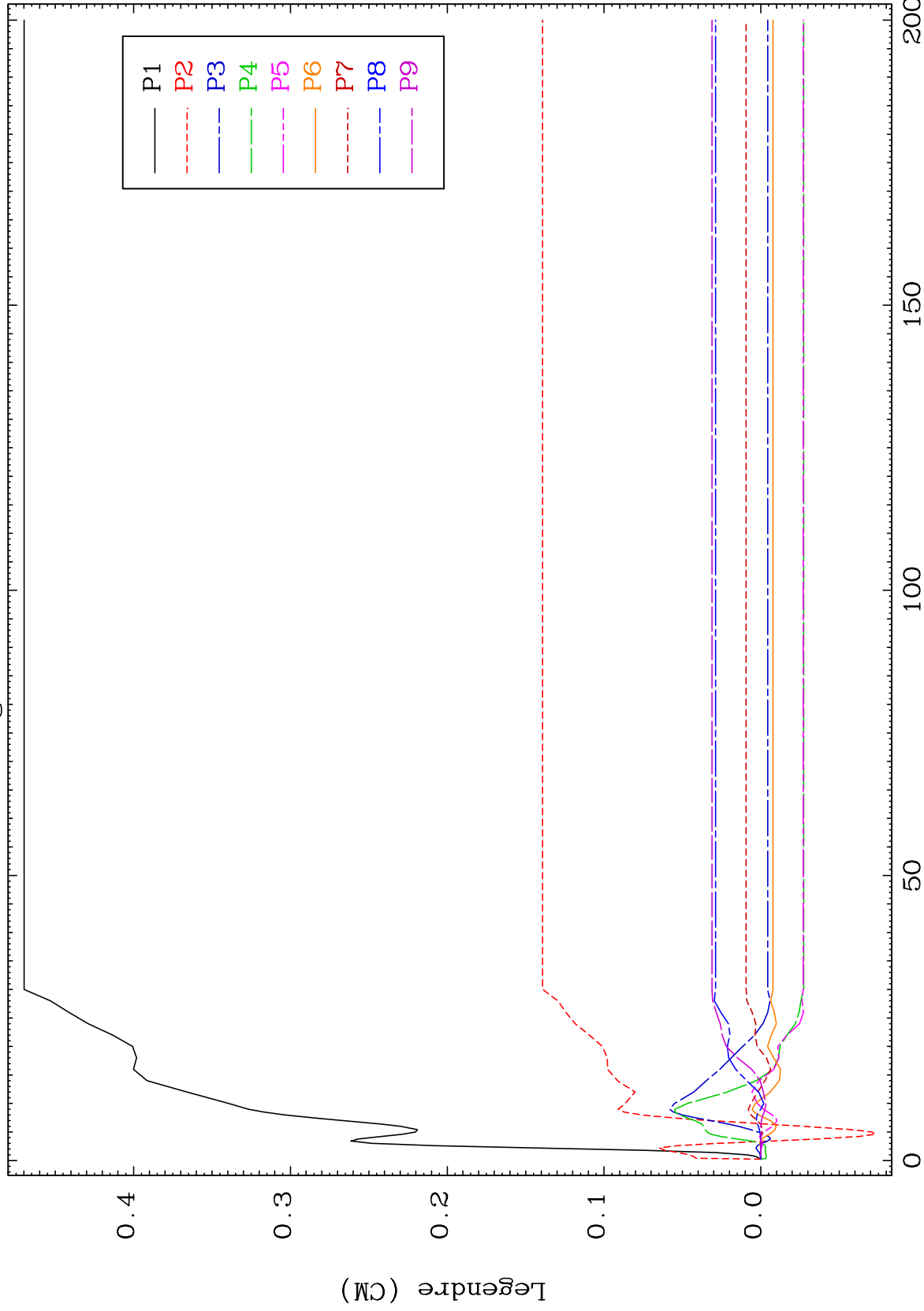
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



55

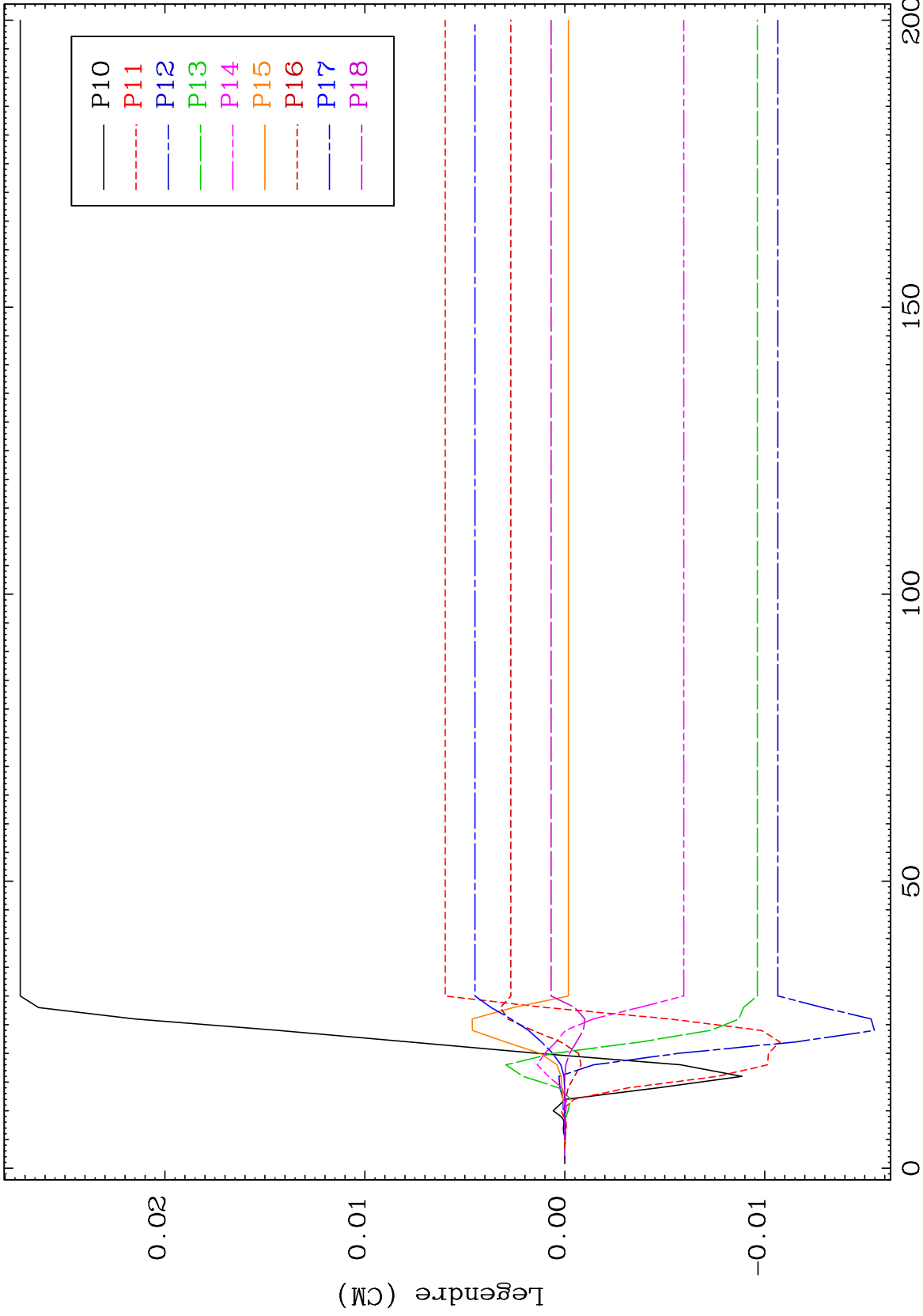
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



56

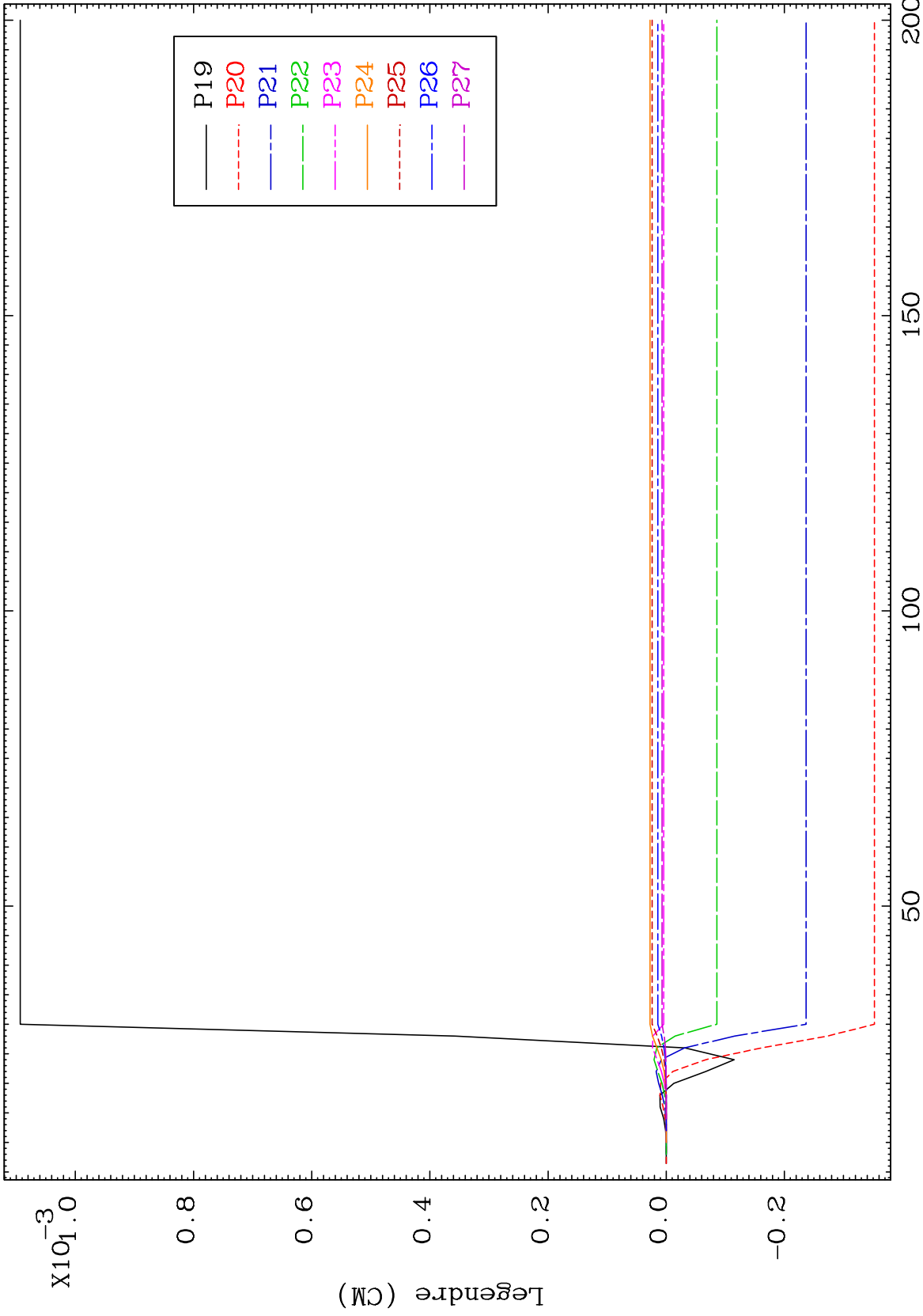
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



57

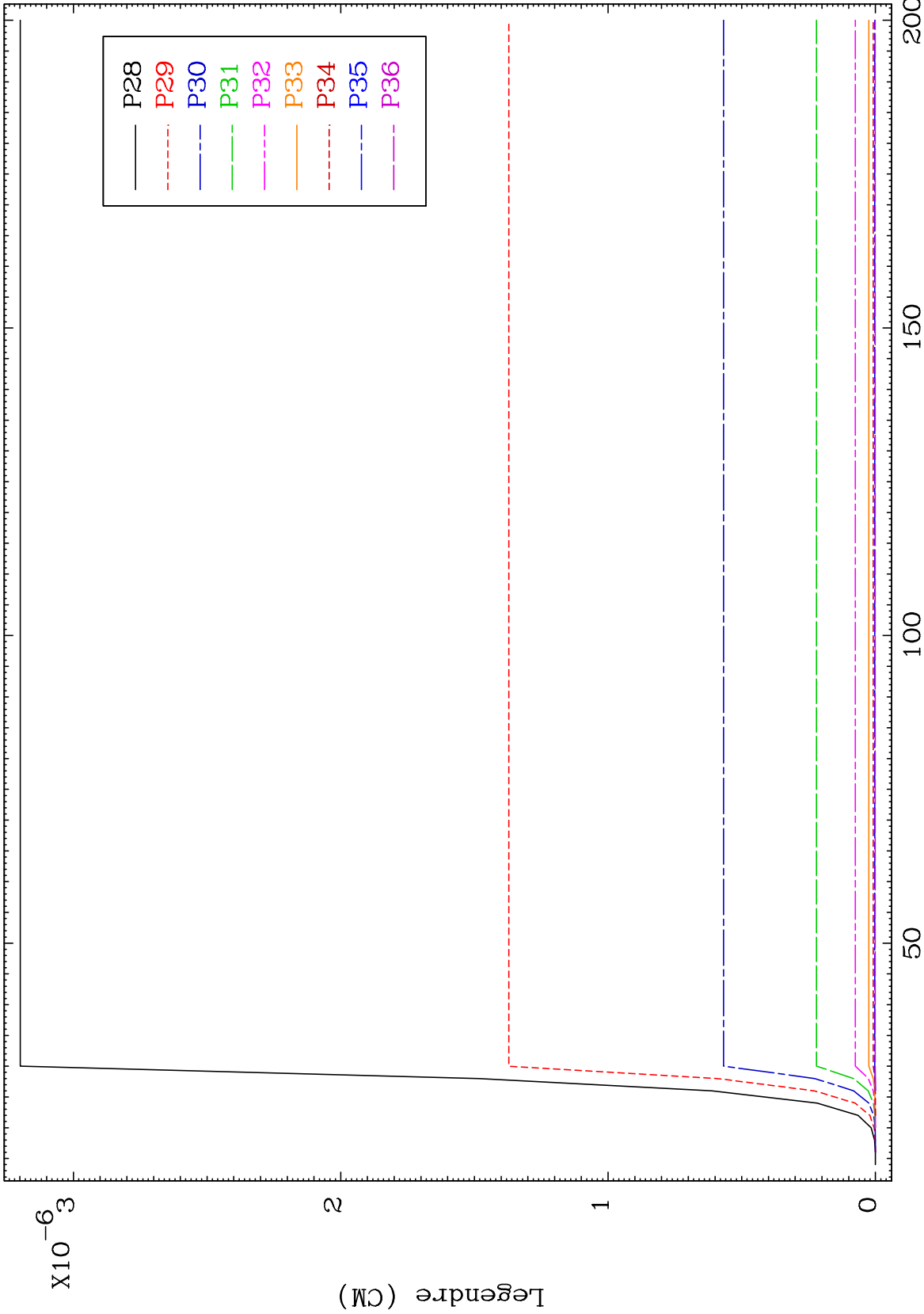
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



58

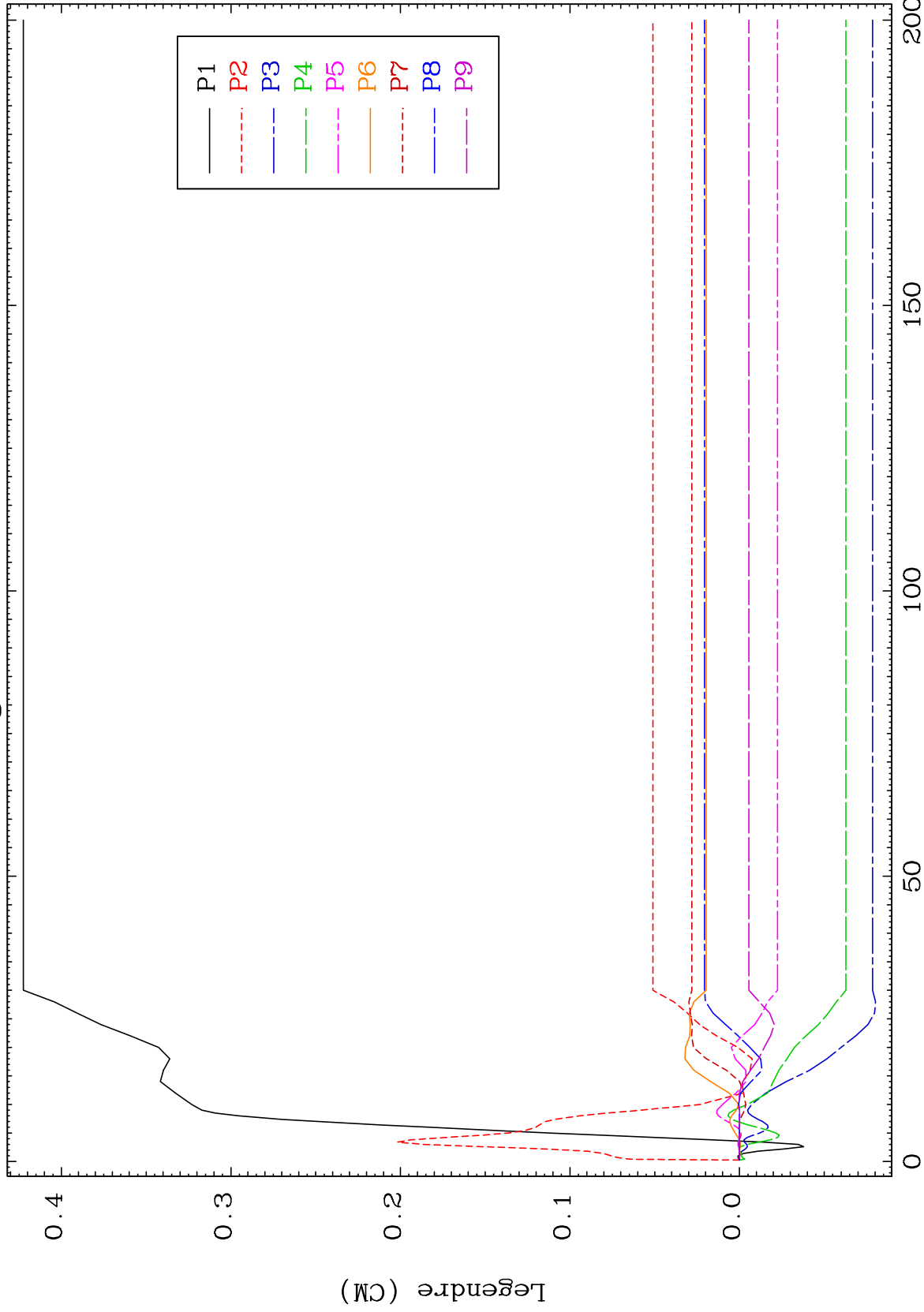
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



59

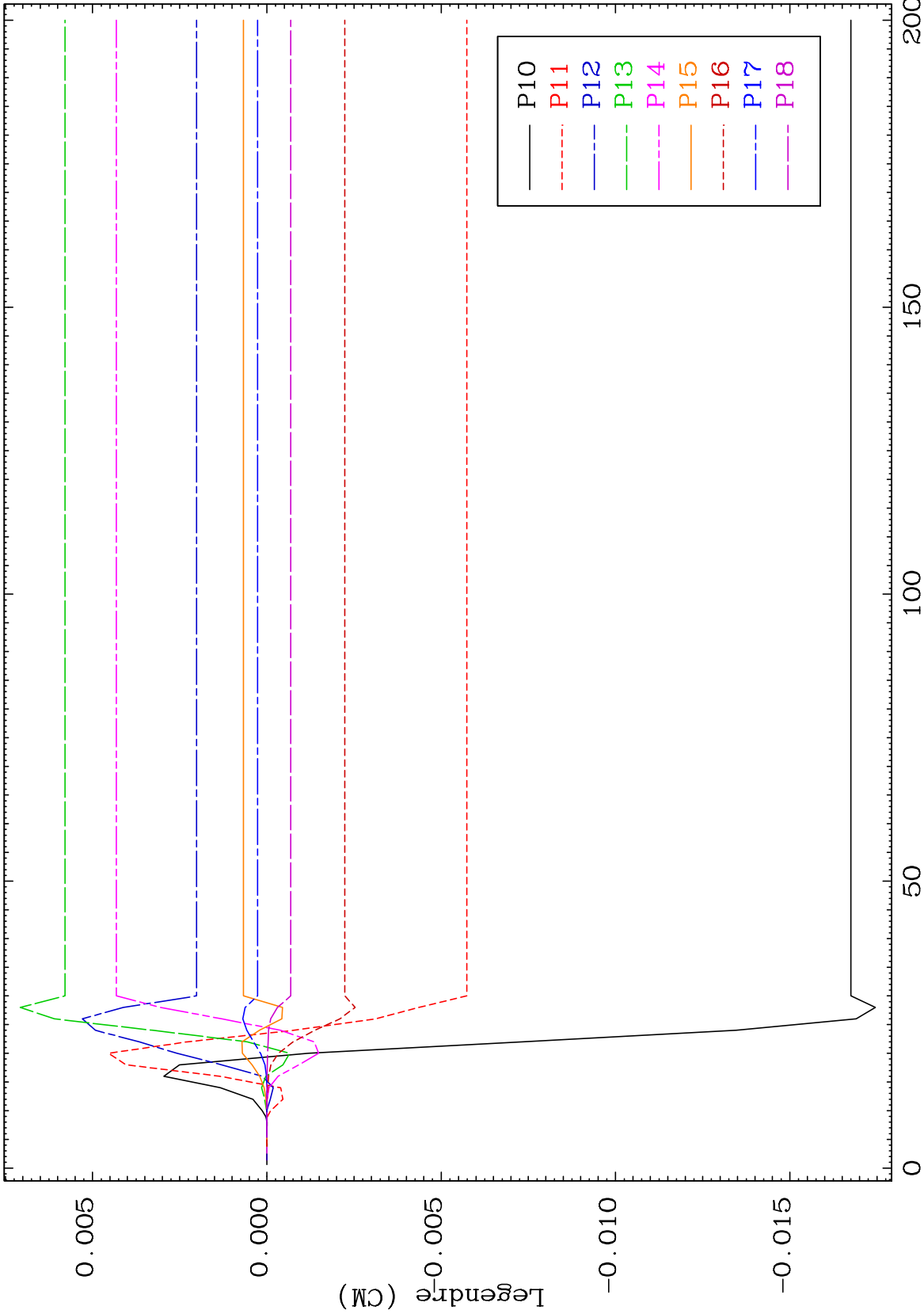
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



60

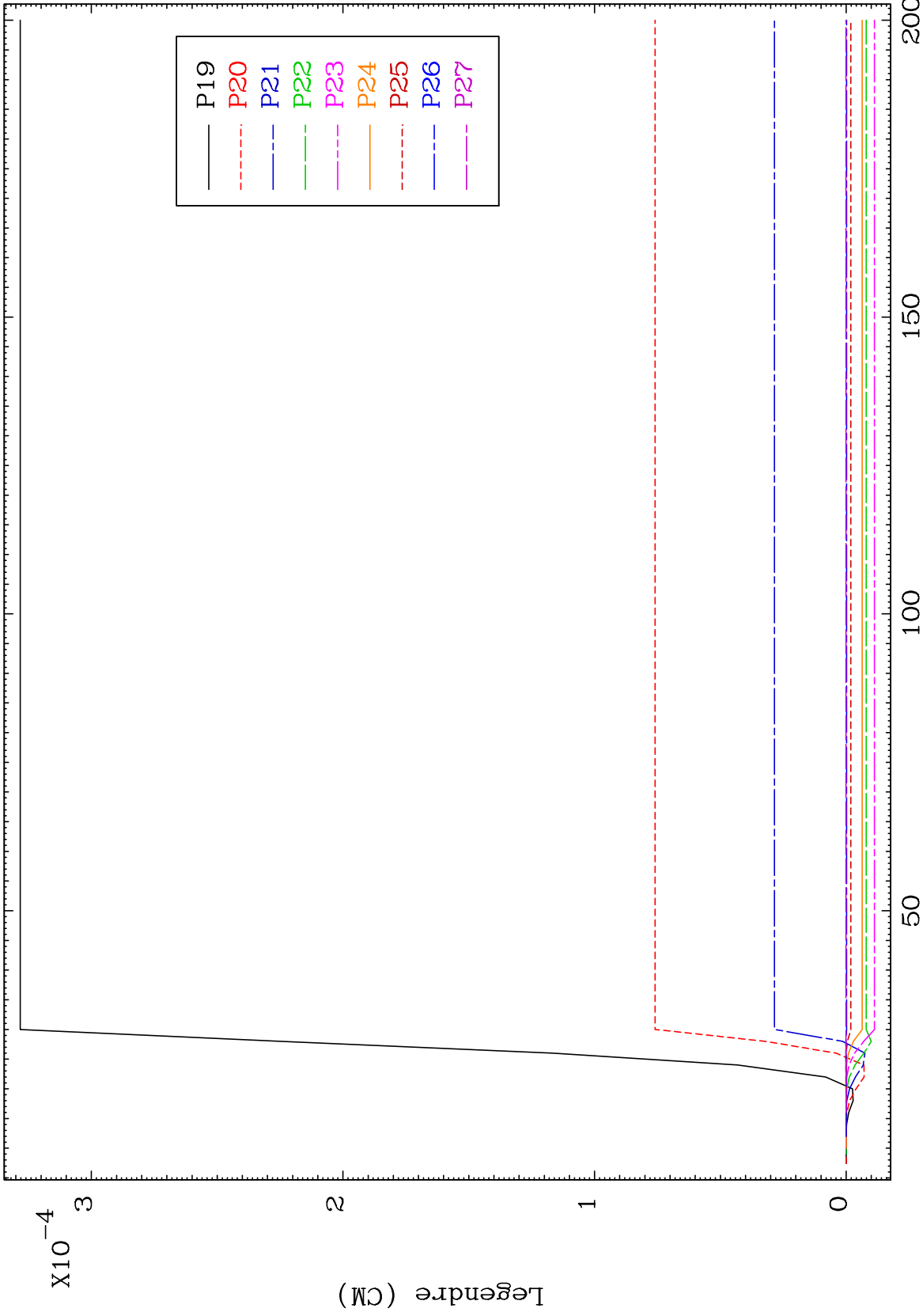
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



61

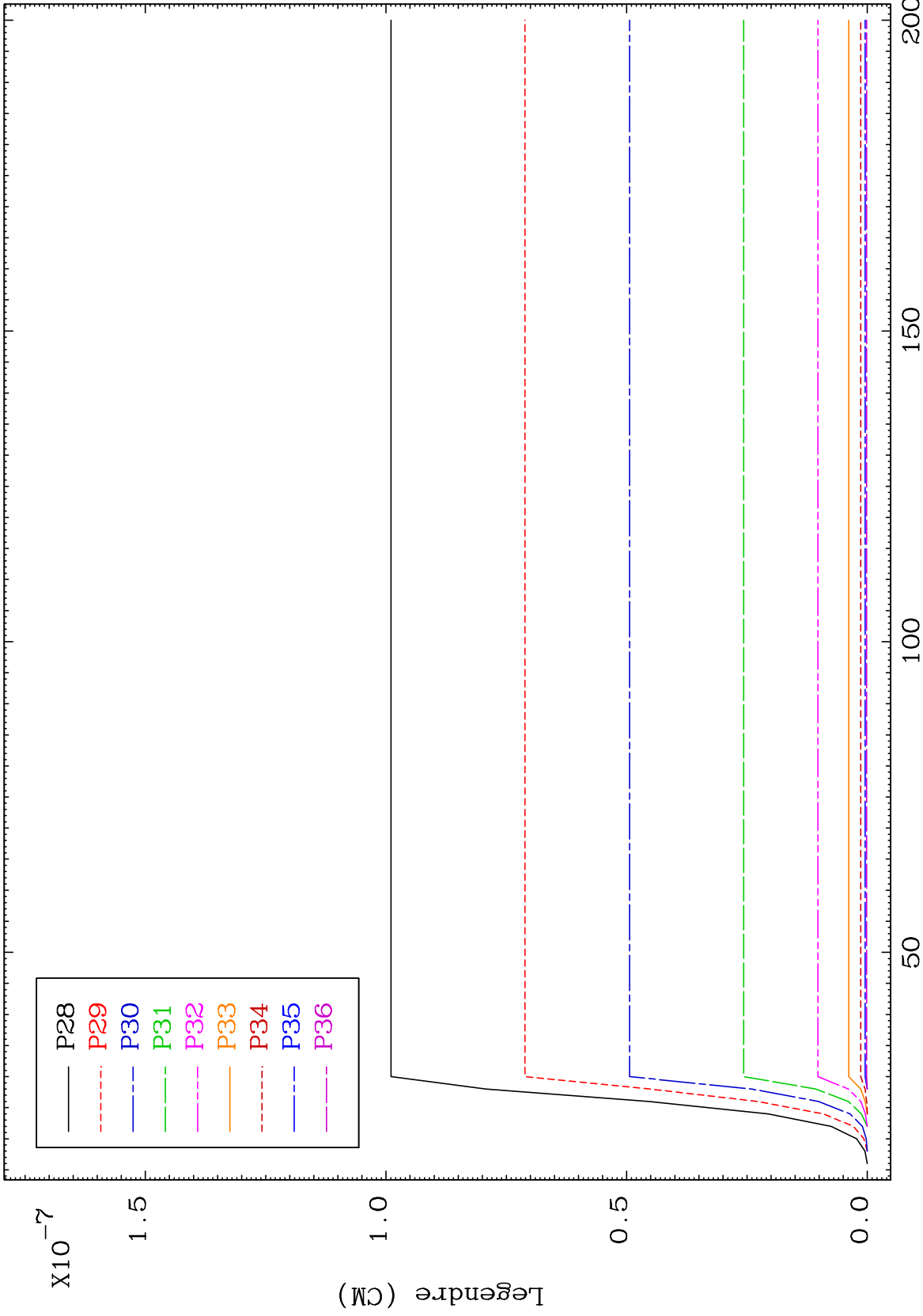
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



62

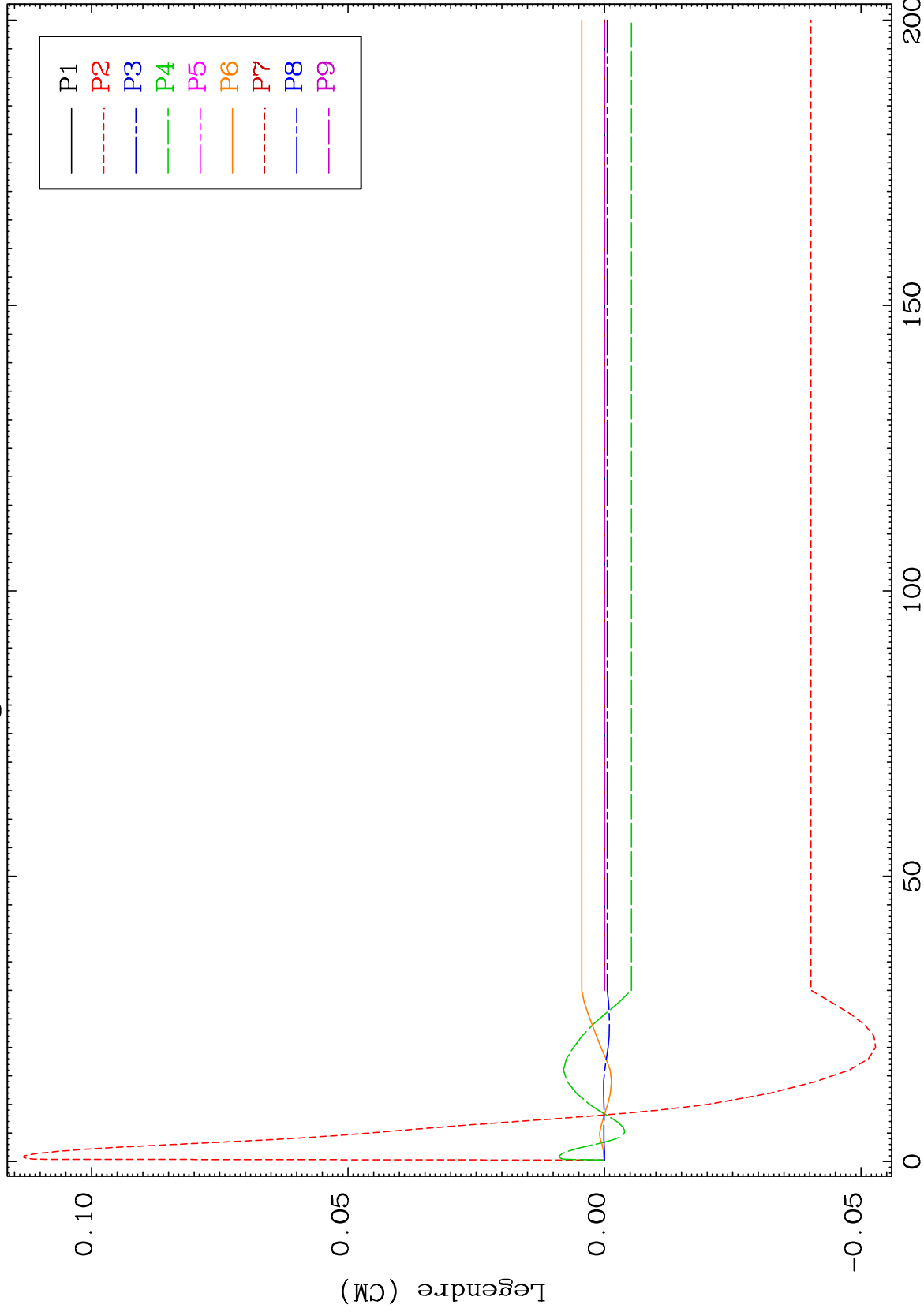
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



63

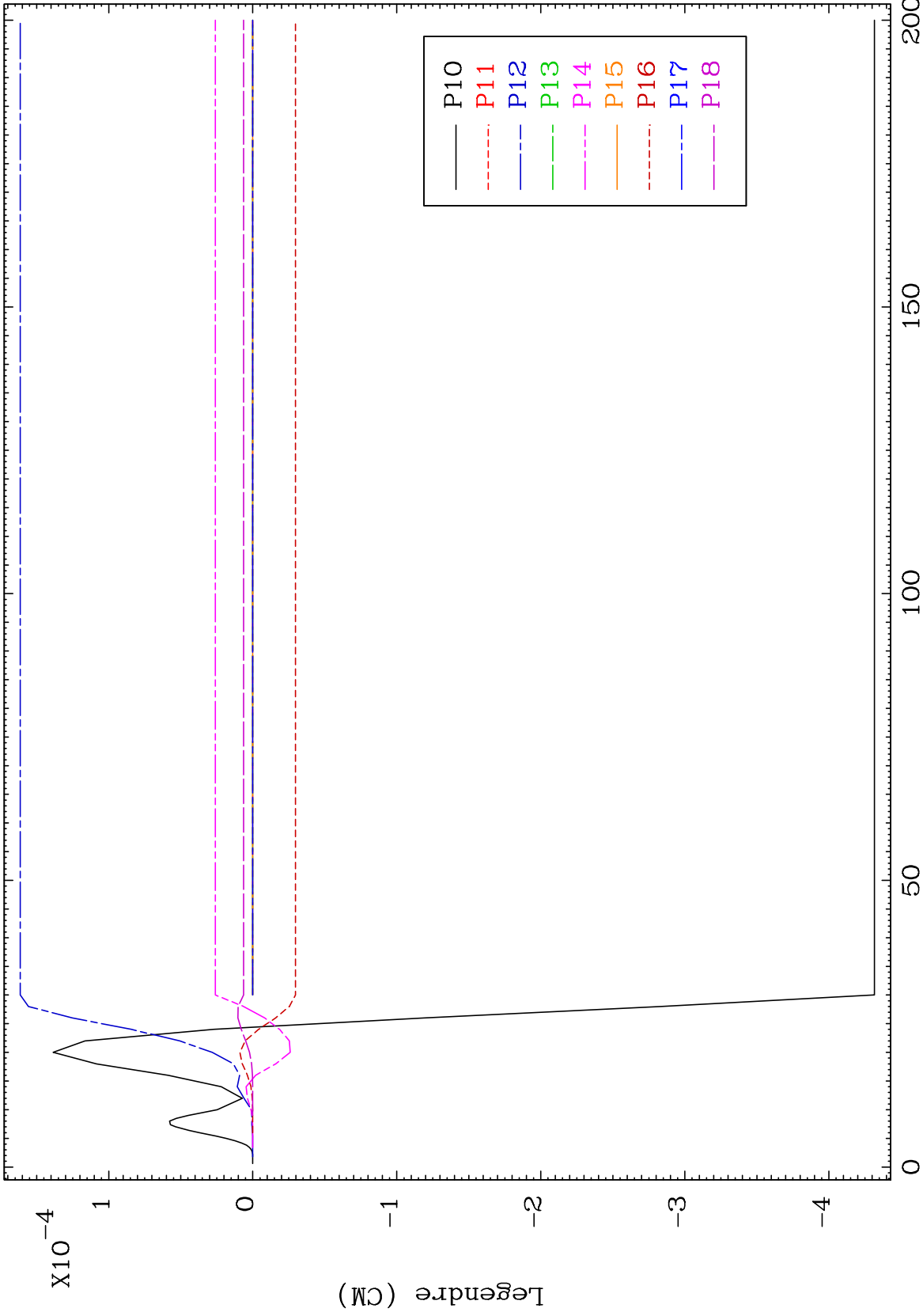
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



64

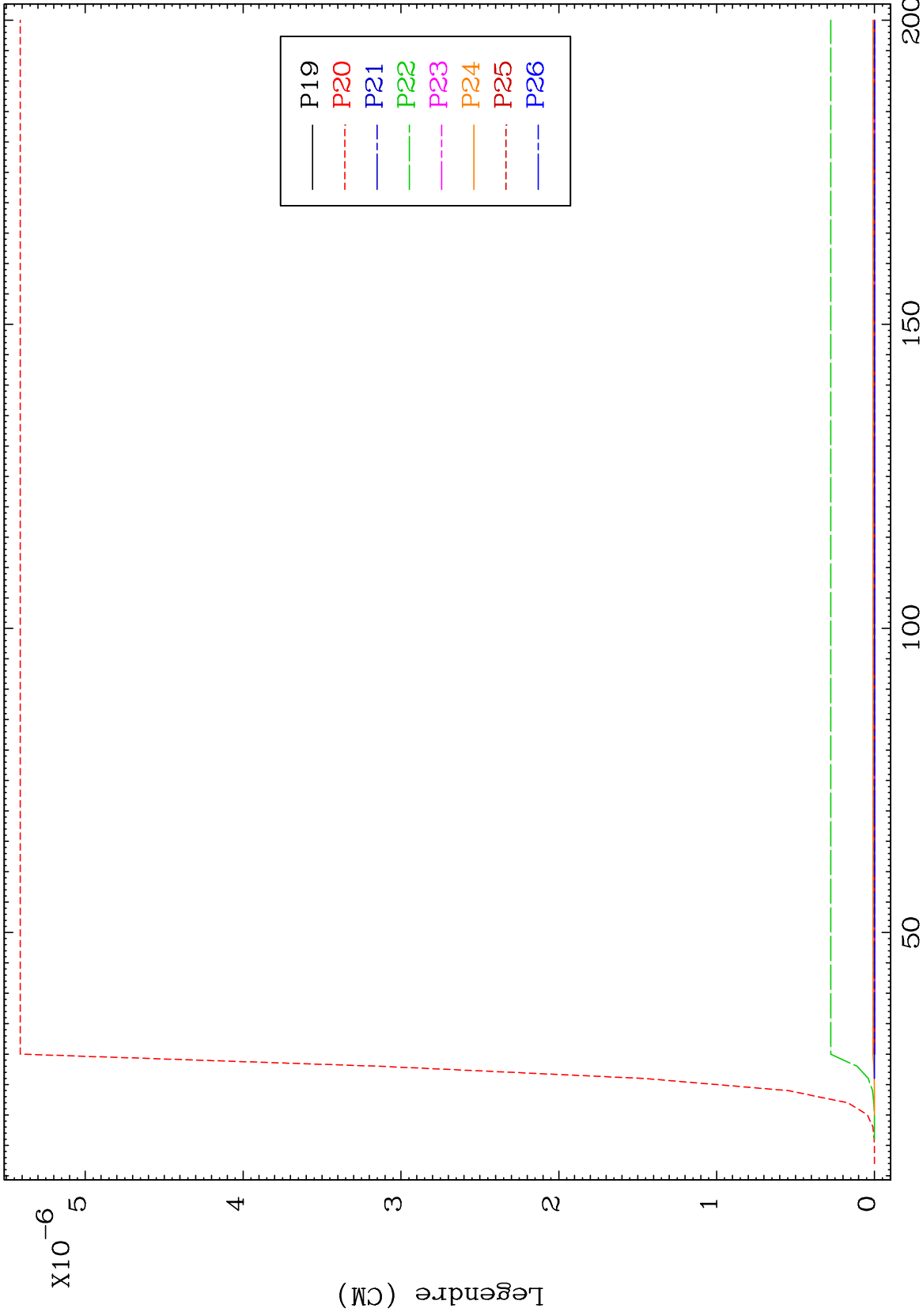
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



65

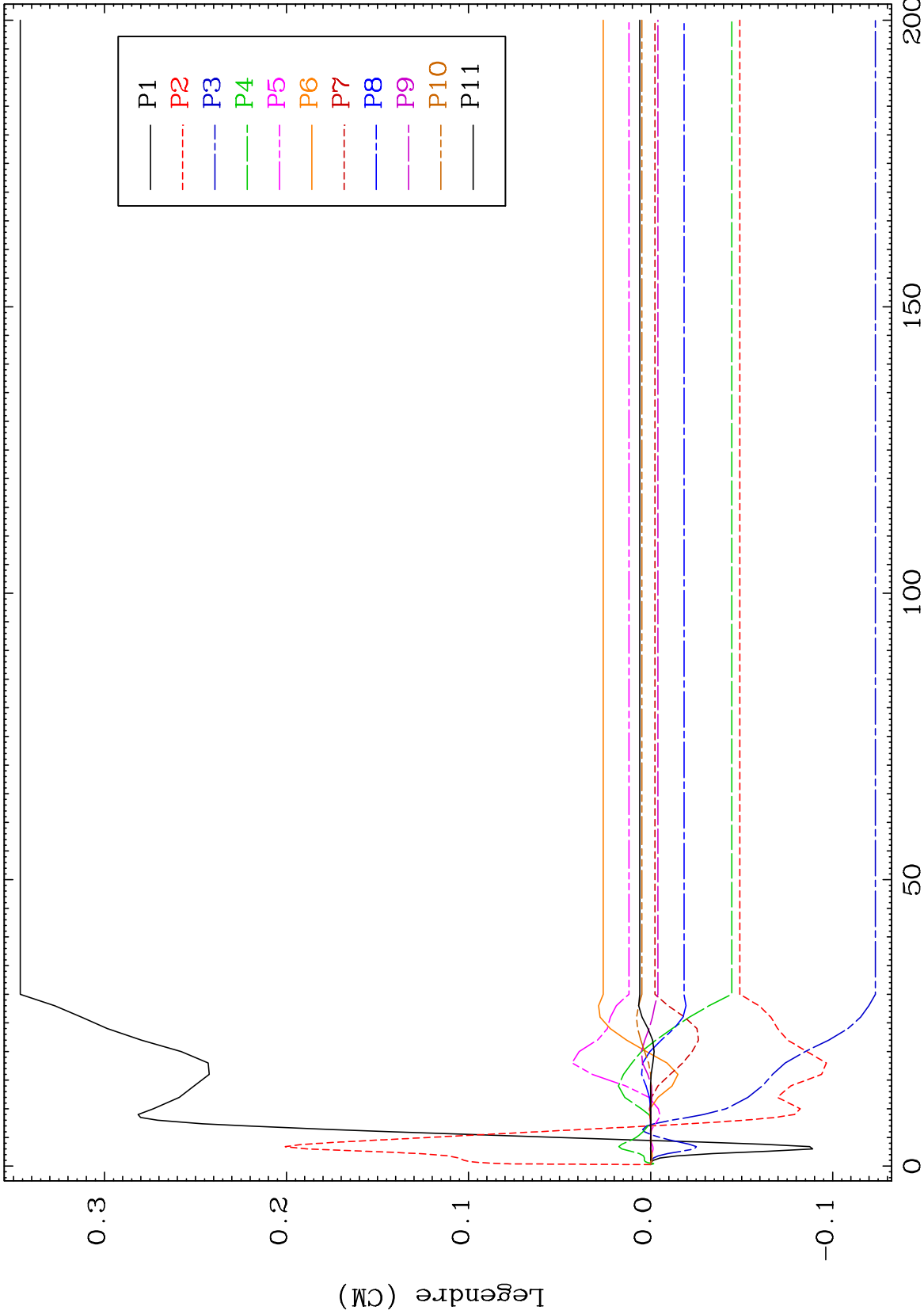
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



66

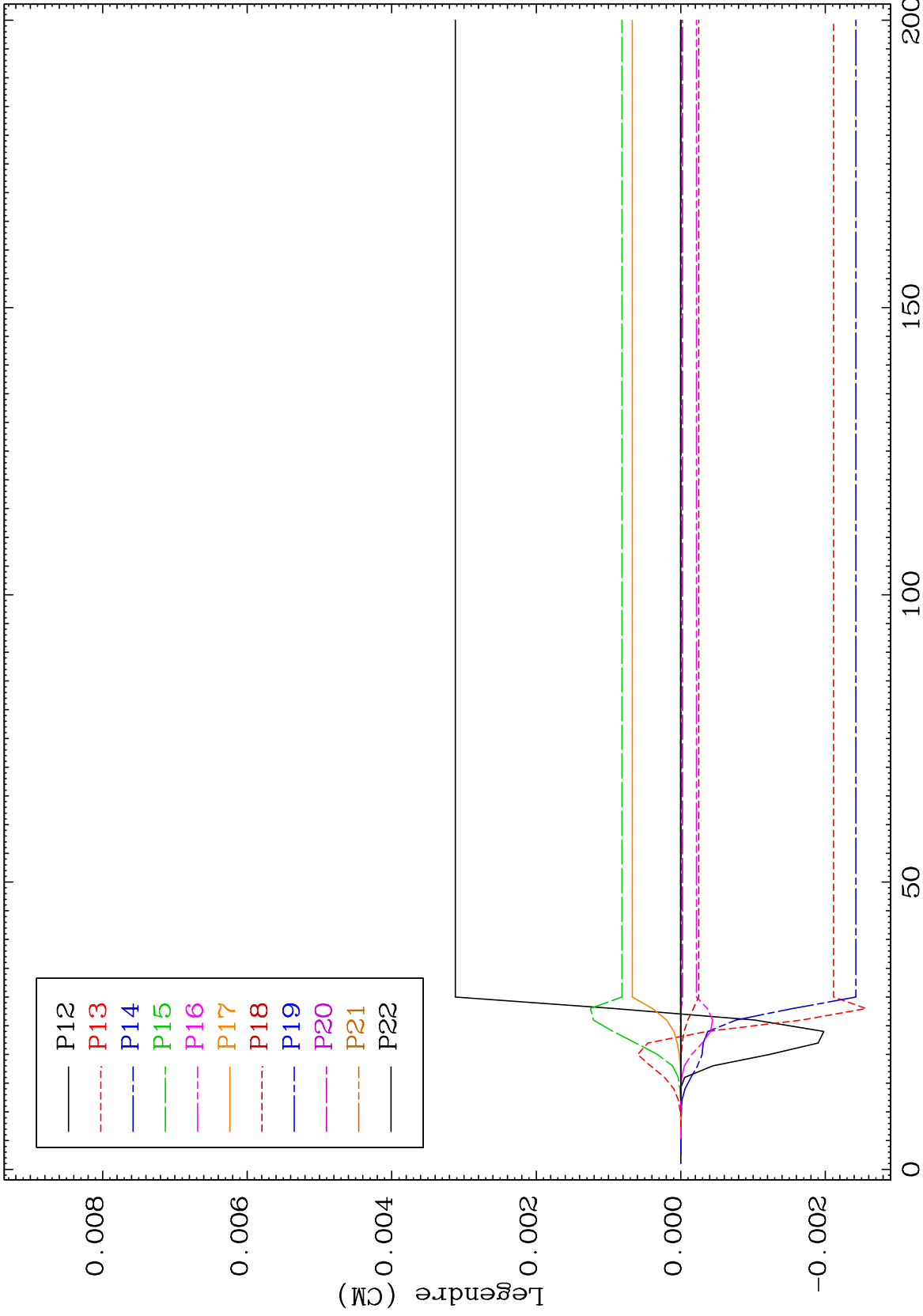
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



67

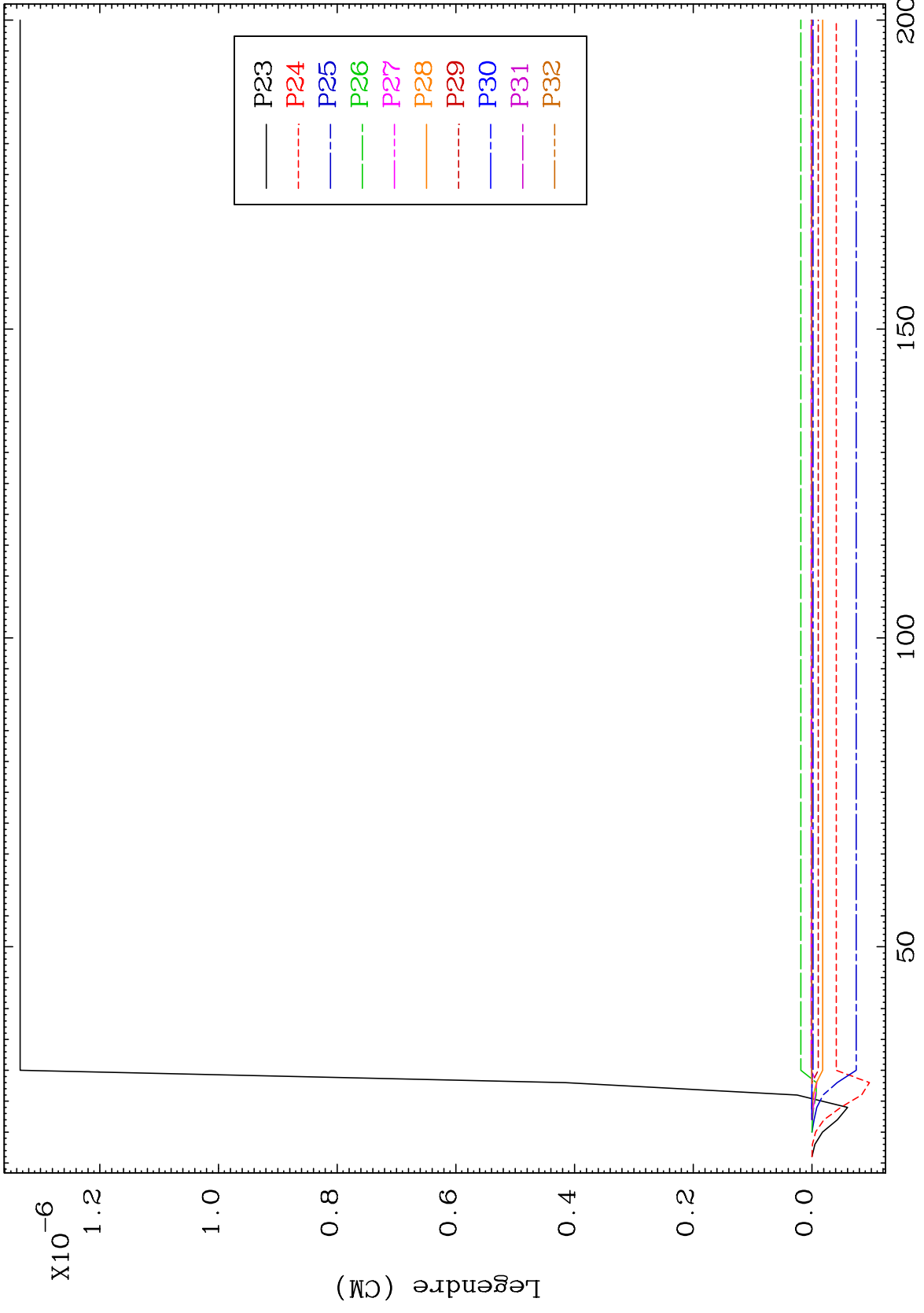
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



68

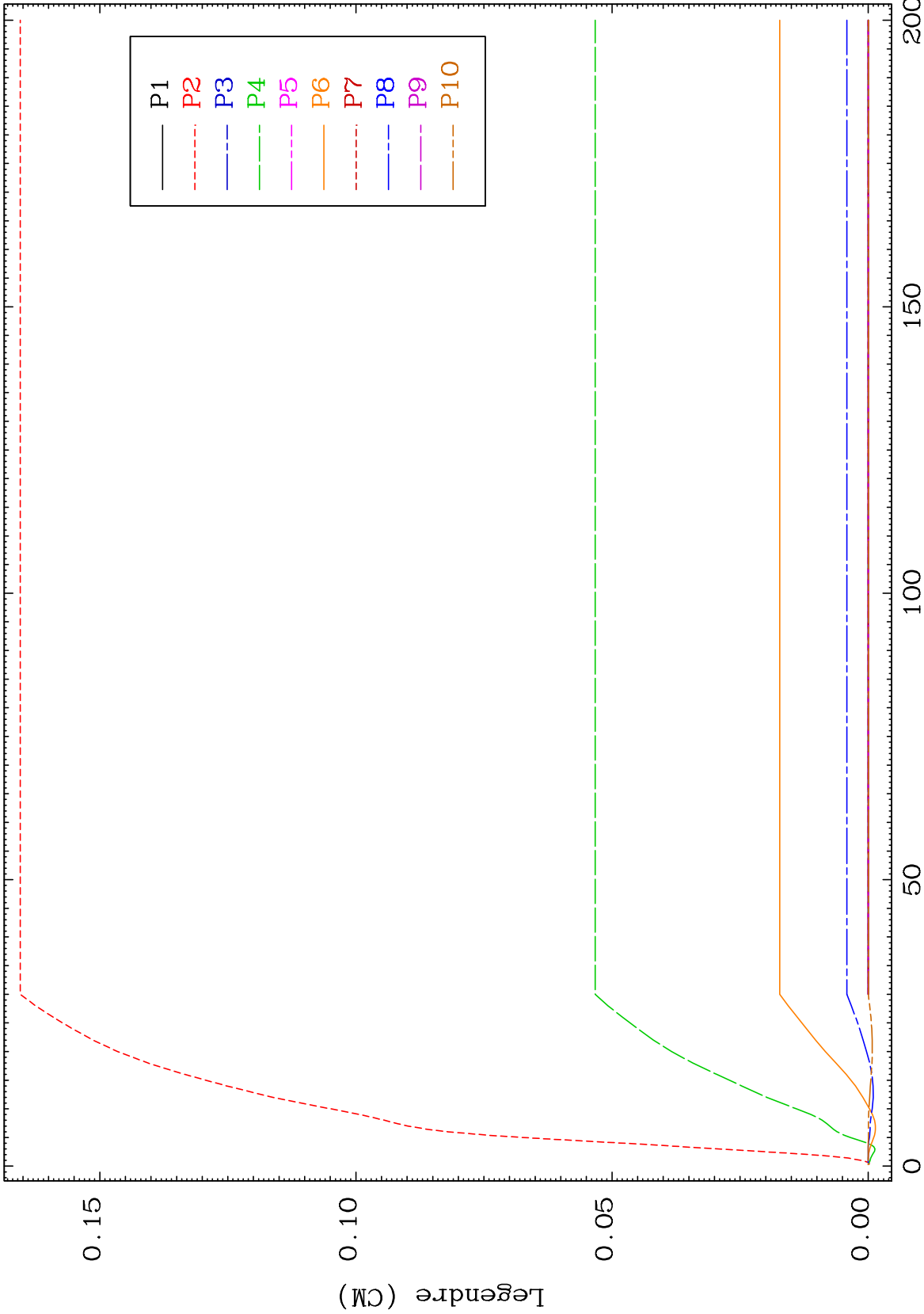
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



69

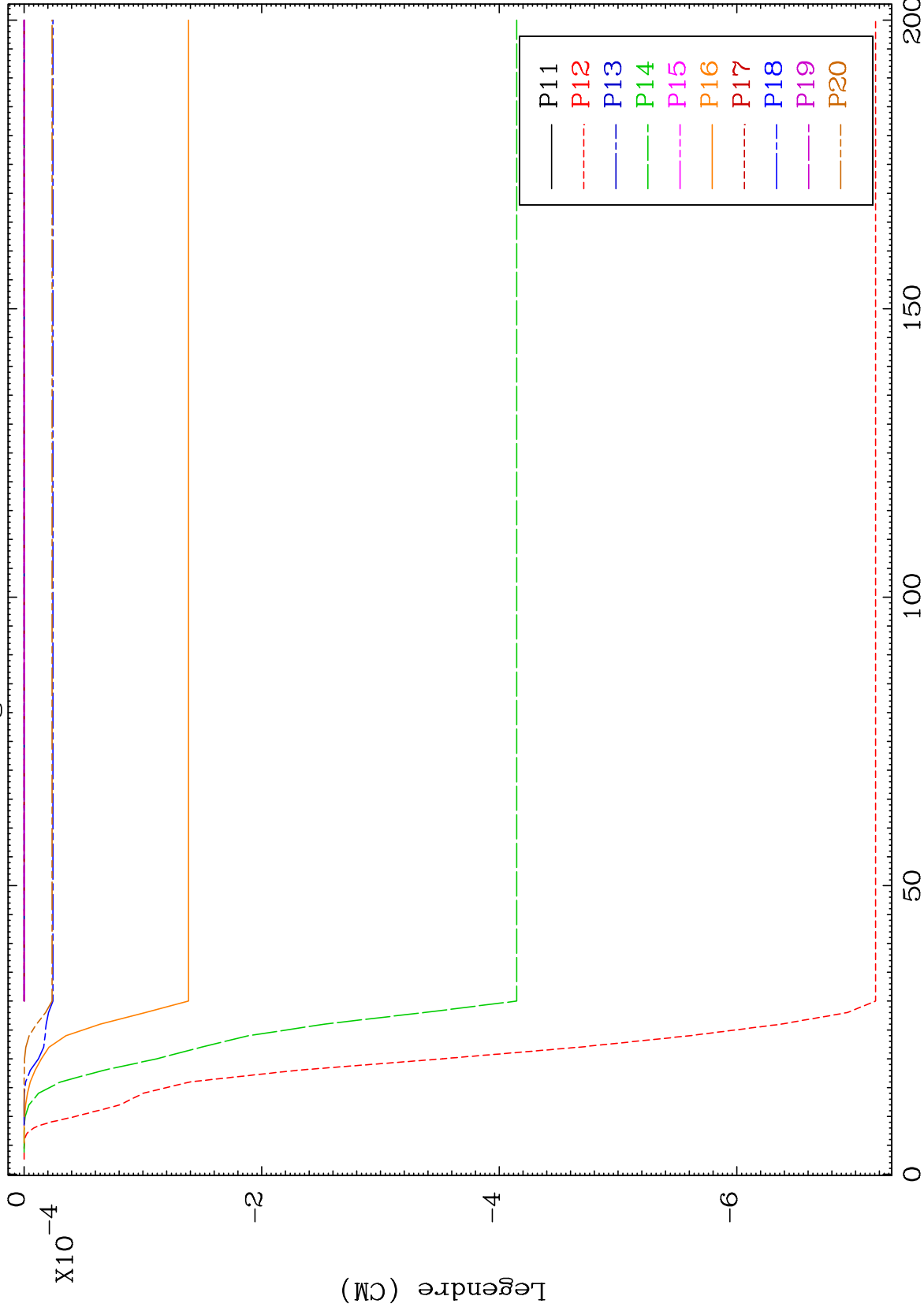
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



70

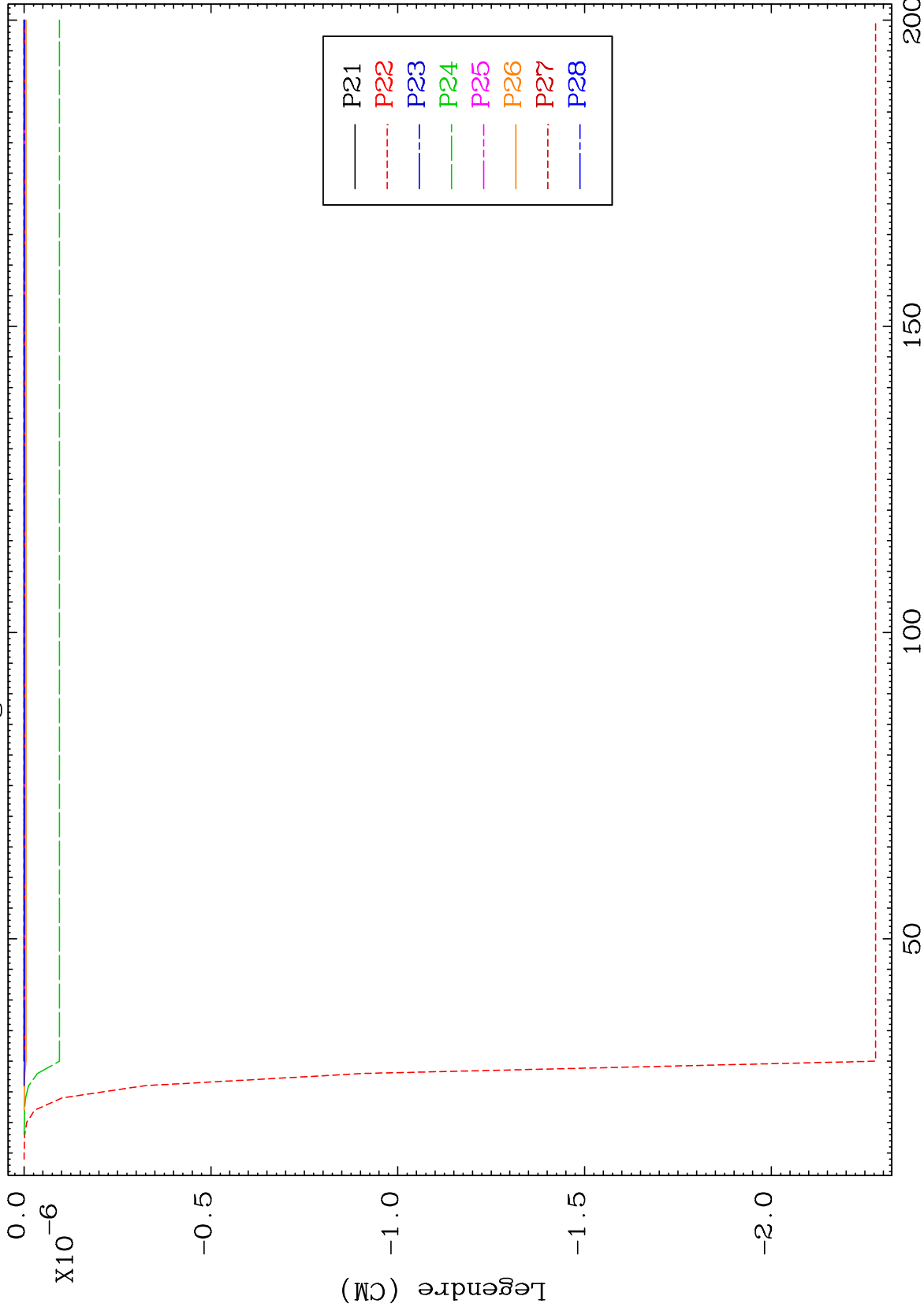
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



71

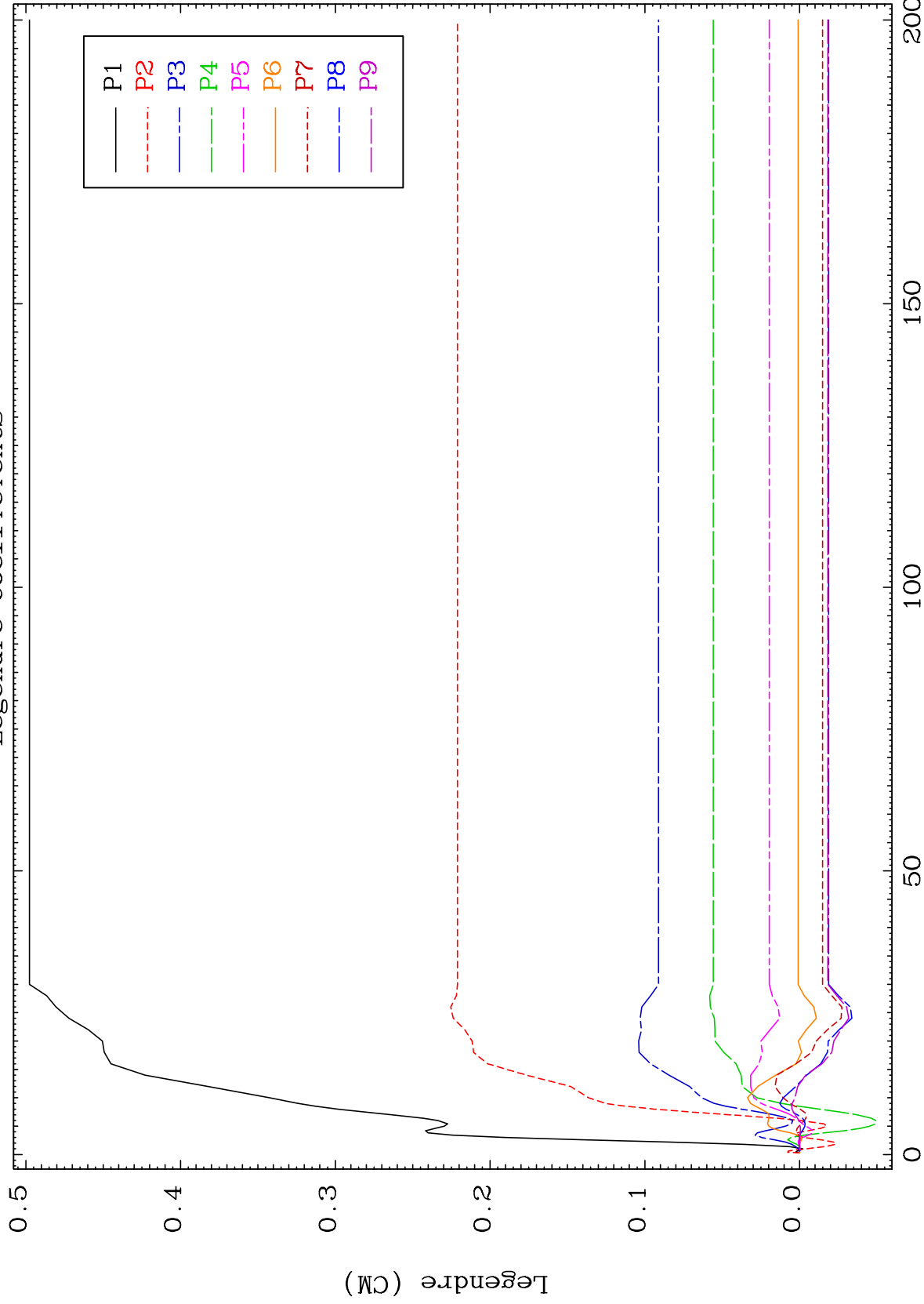
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



72

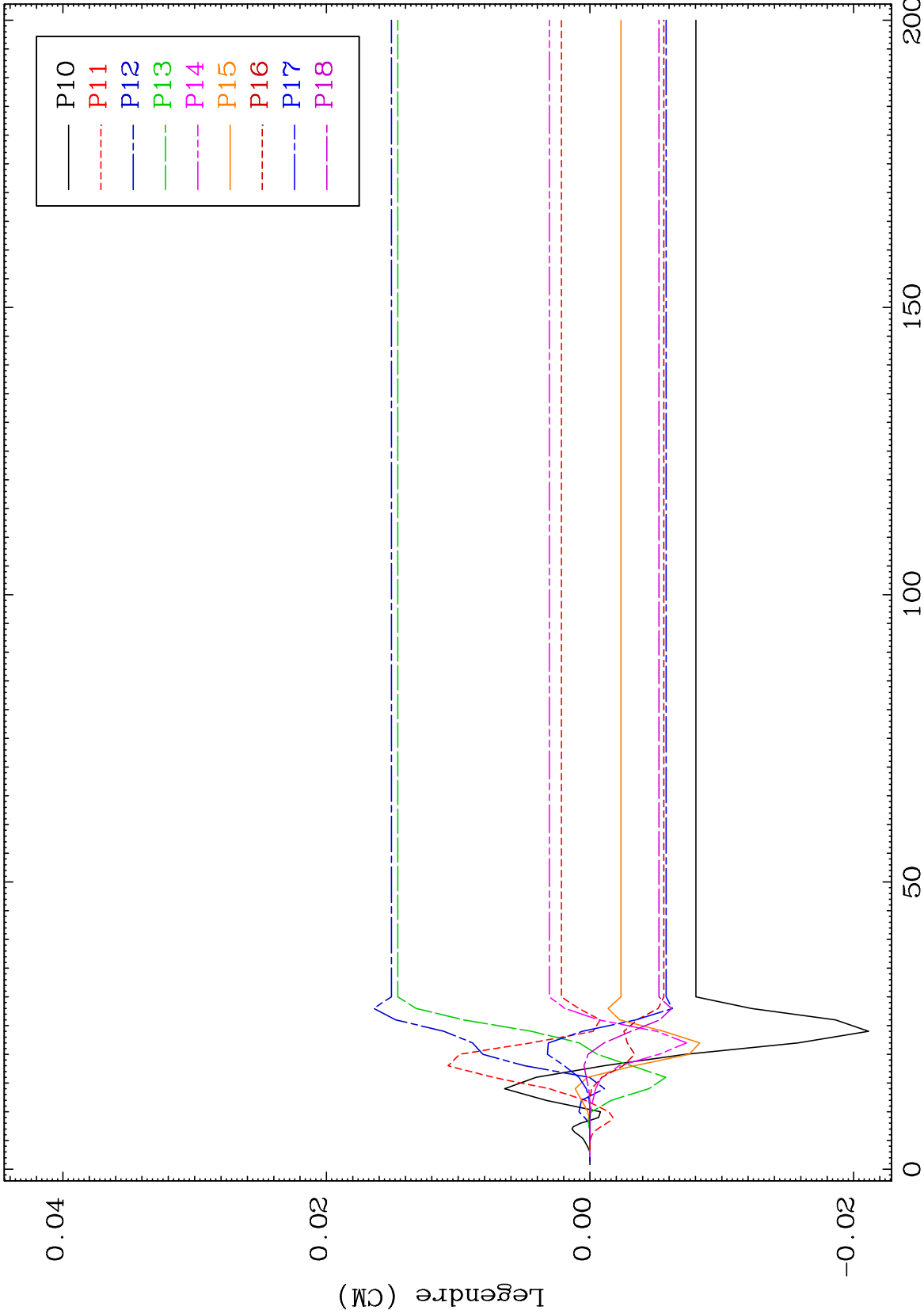
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



73

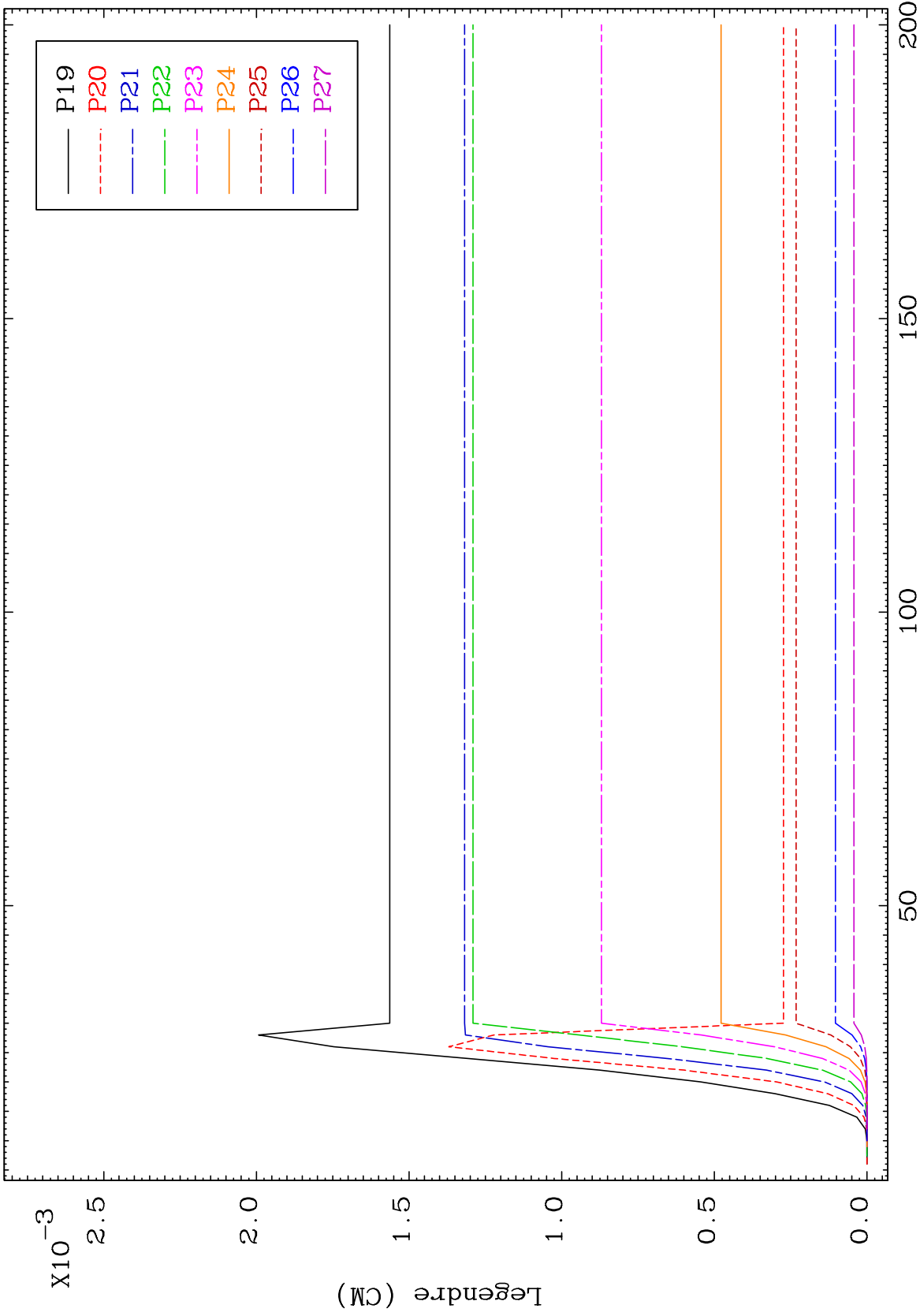
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



74

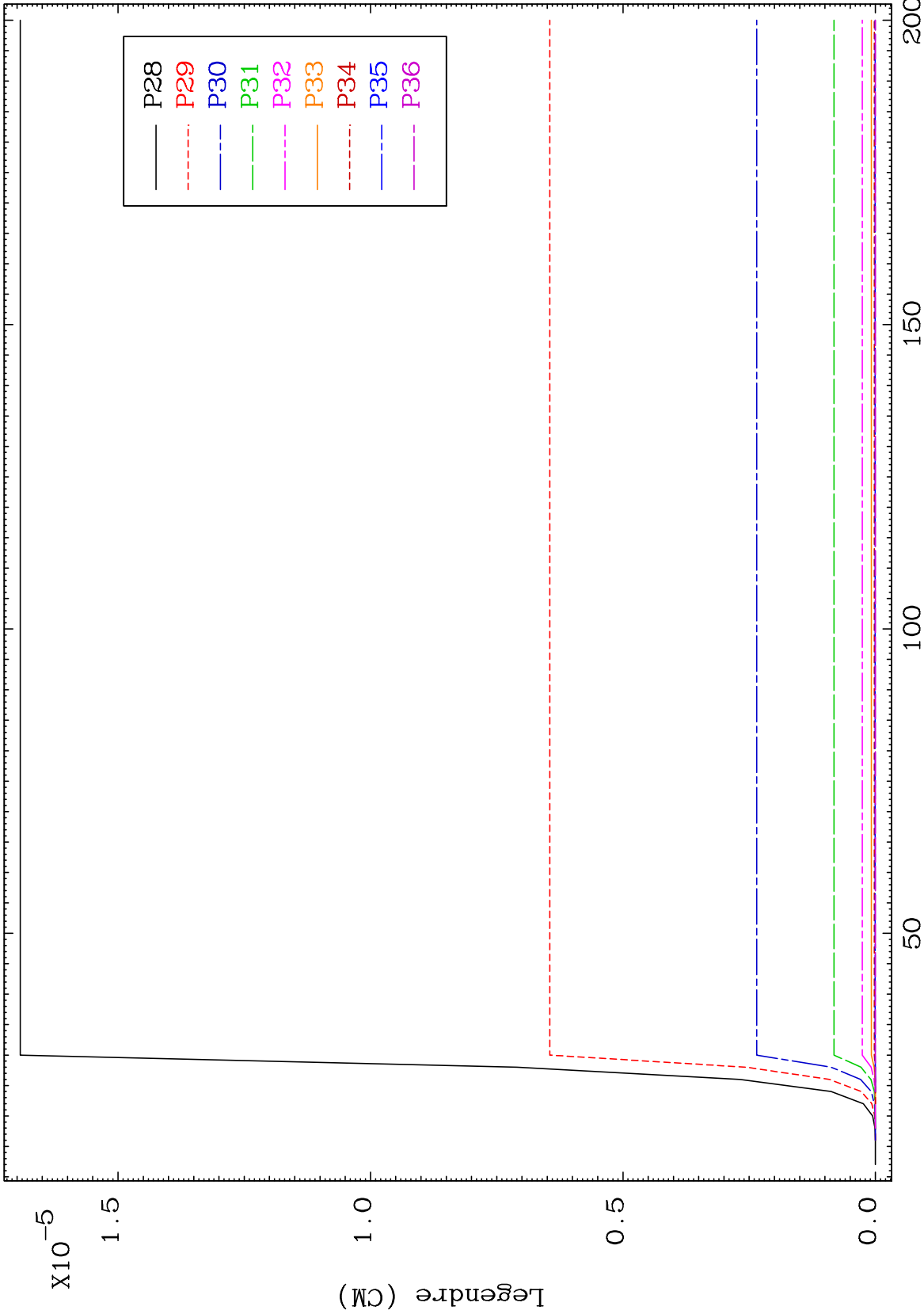
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



75

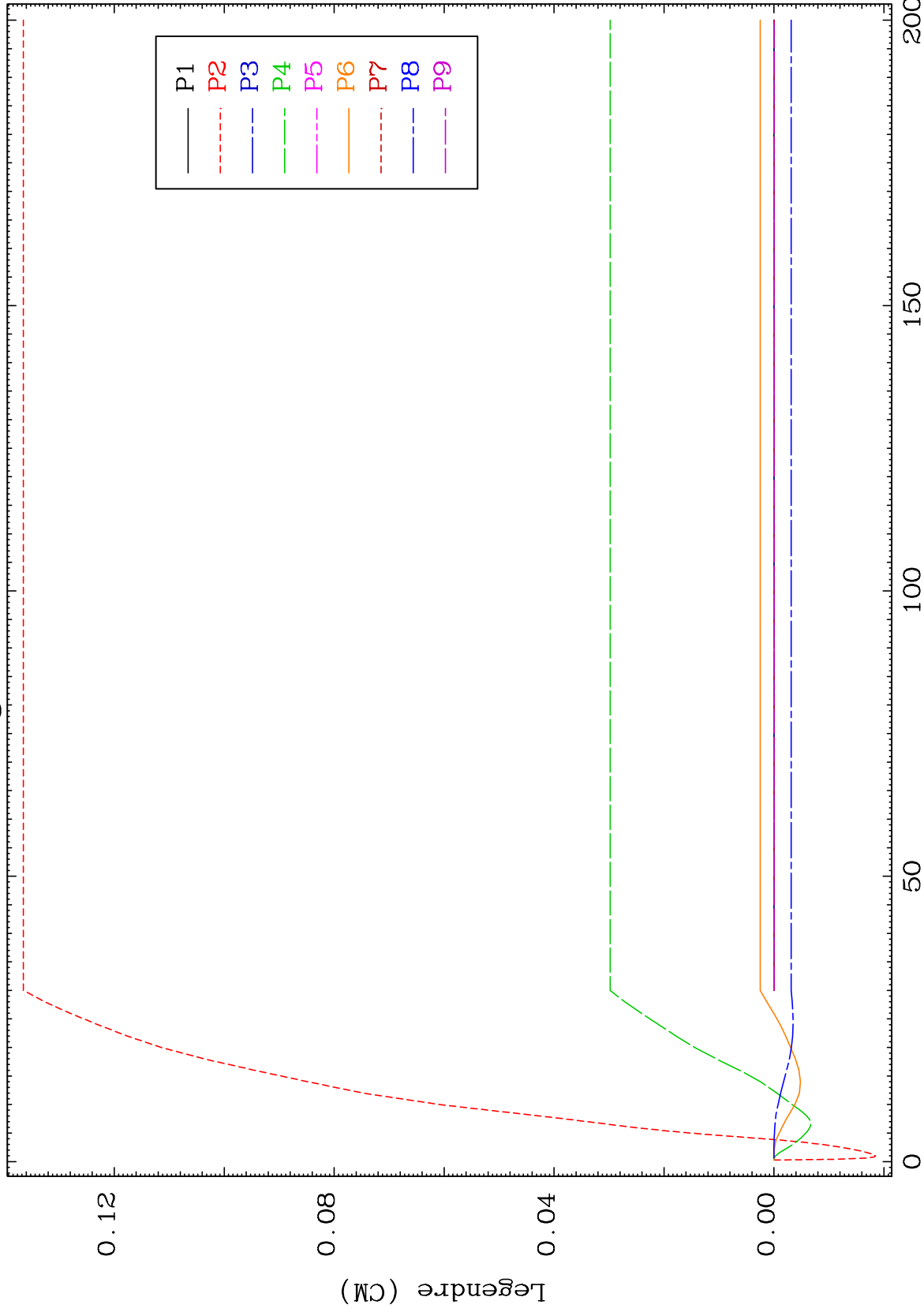
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



76

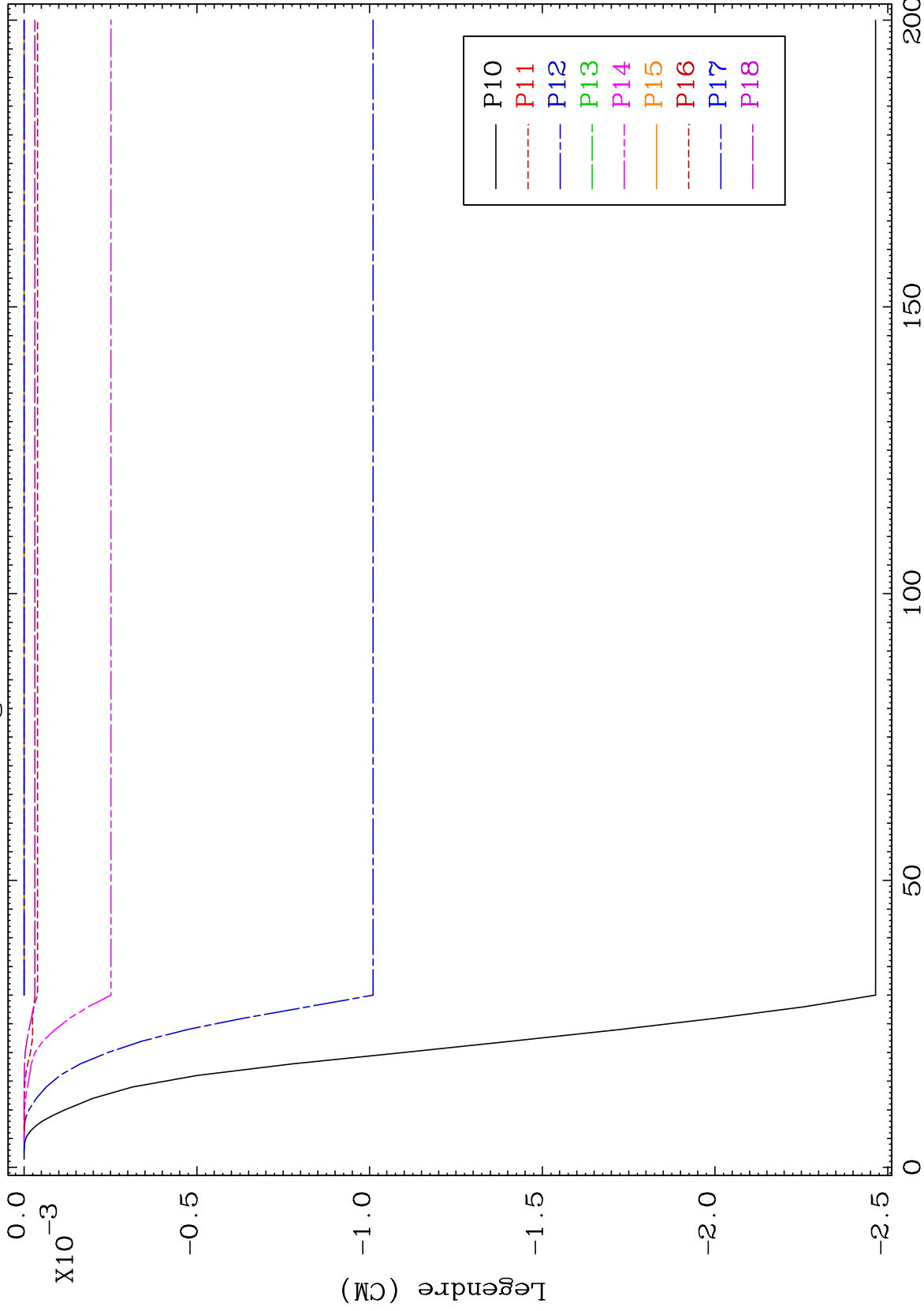
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



77

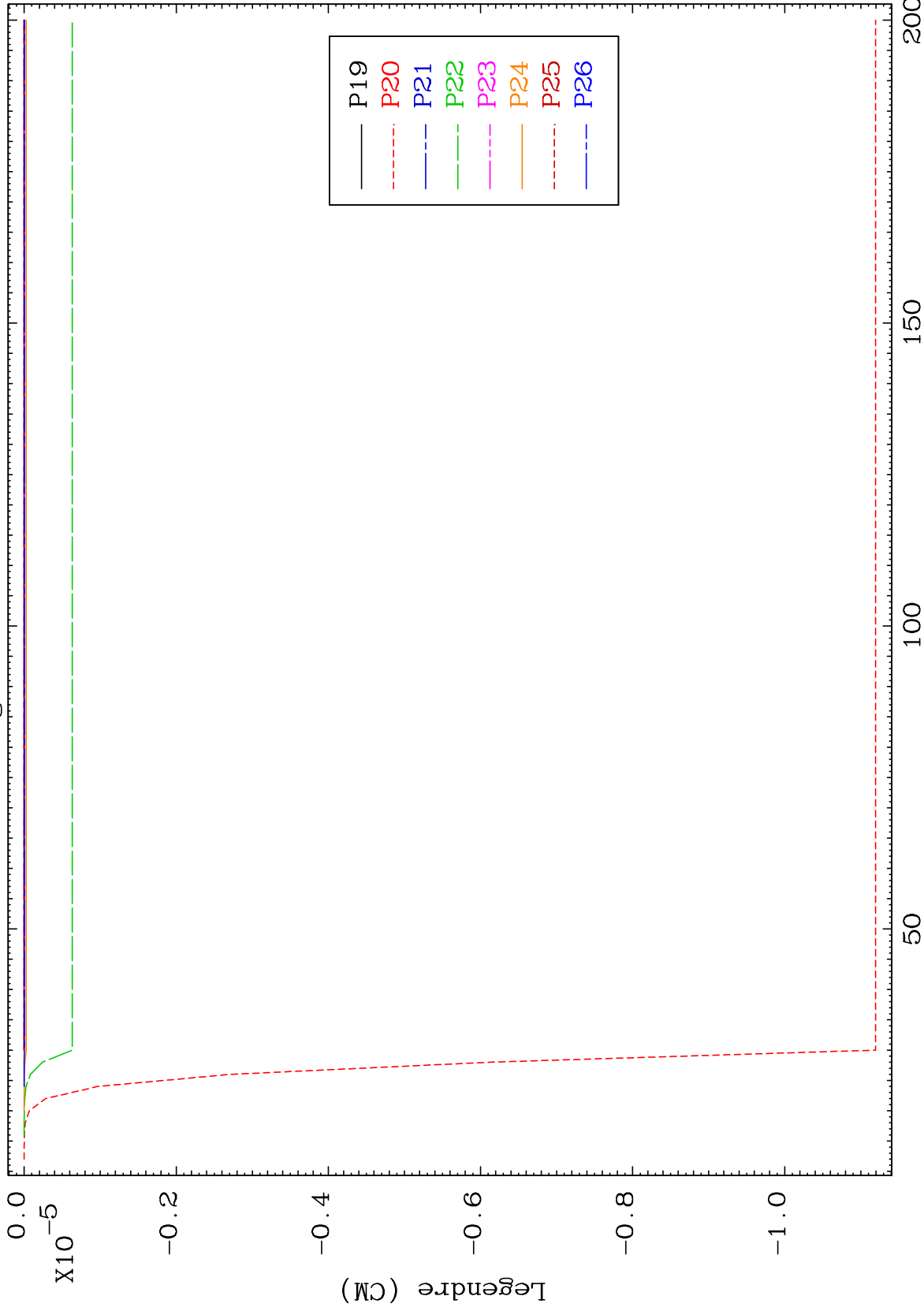
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



78

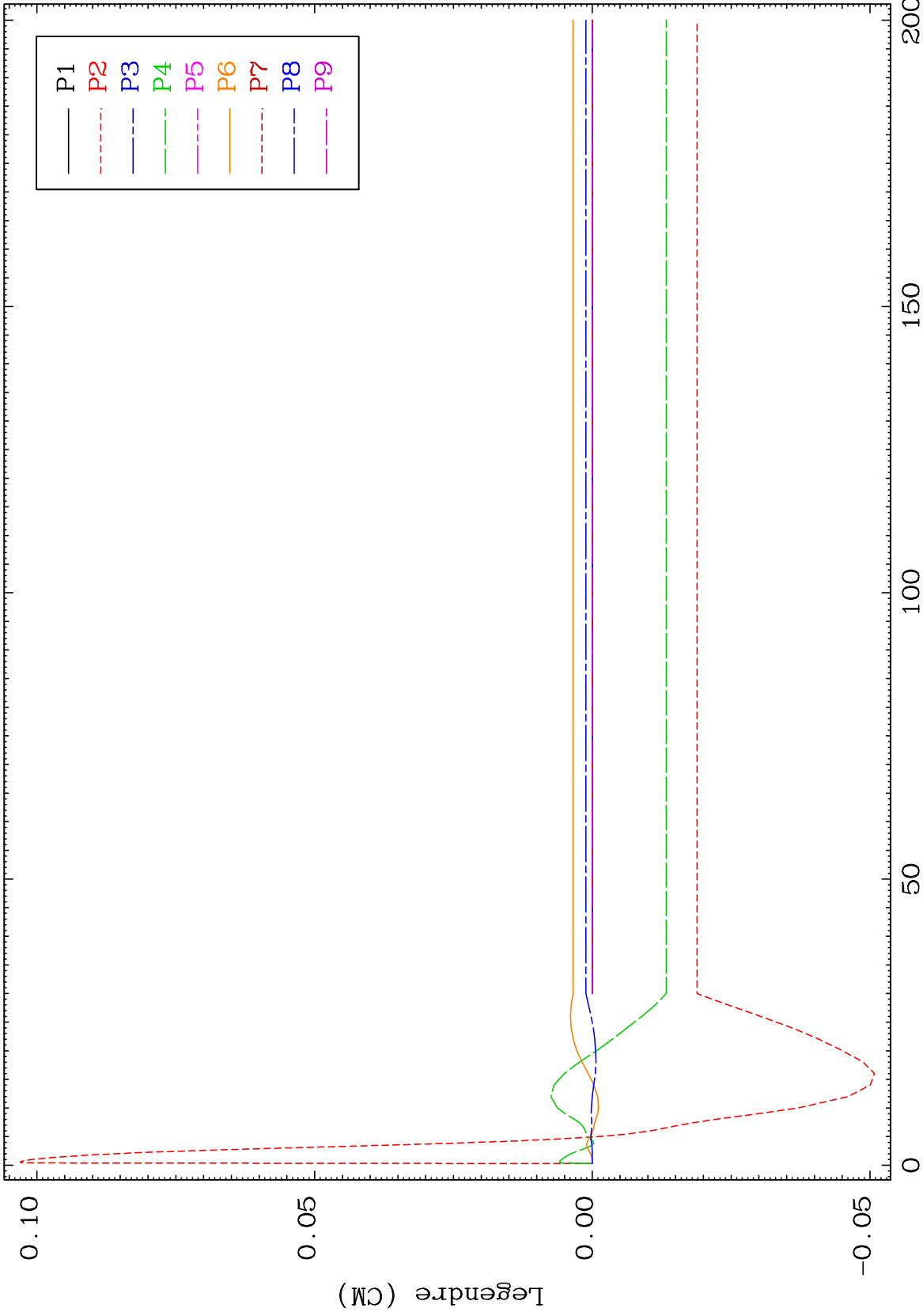
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



79

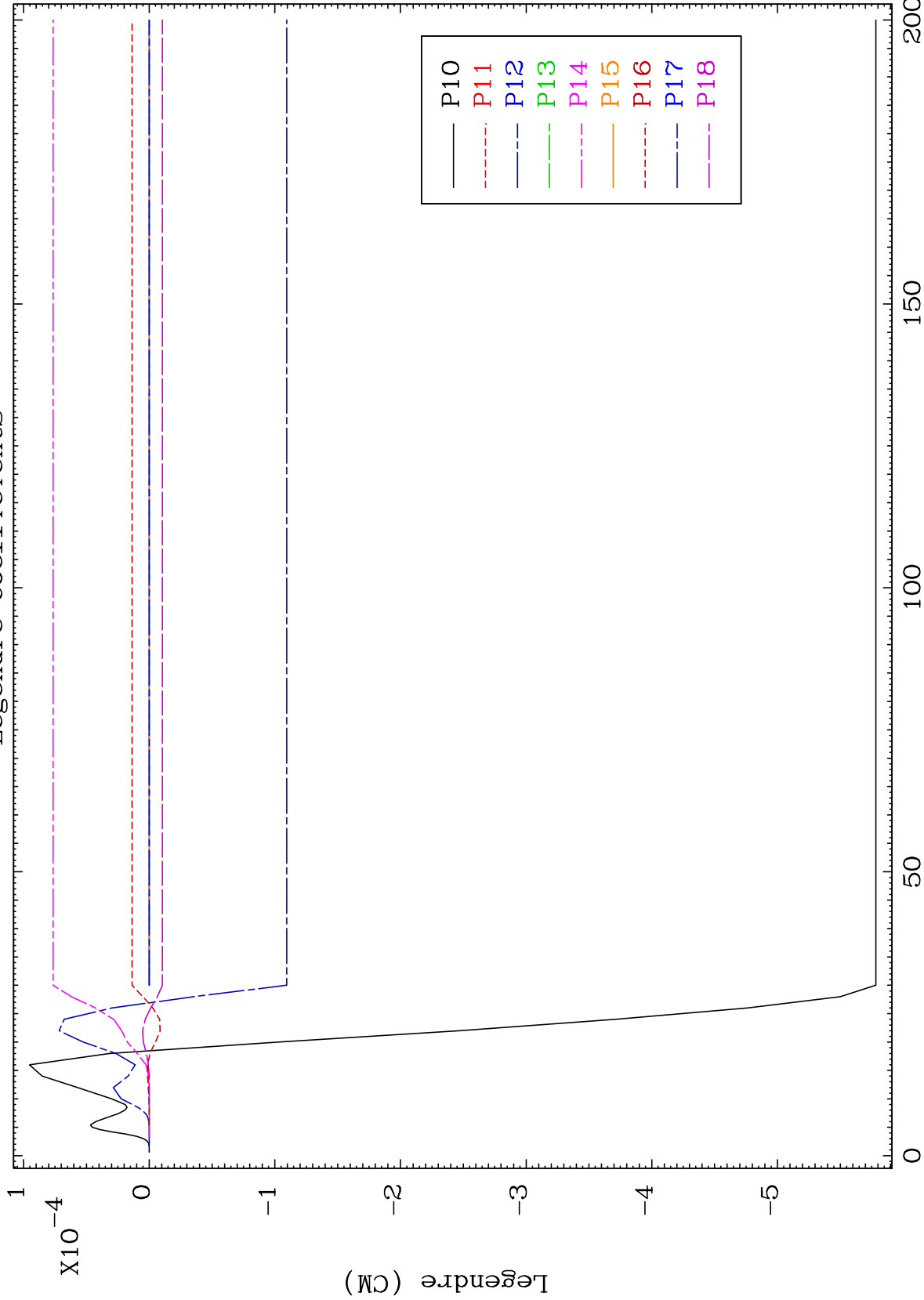
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



80

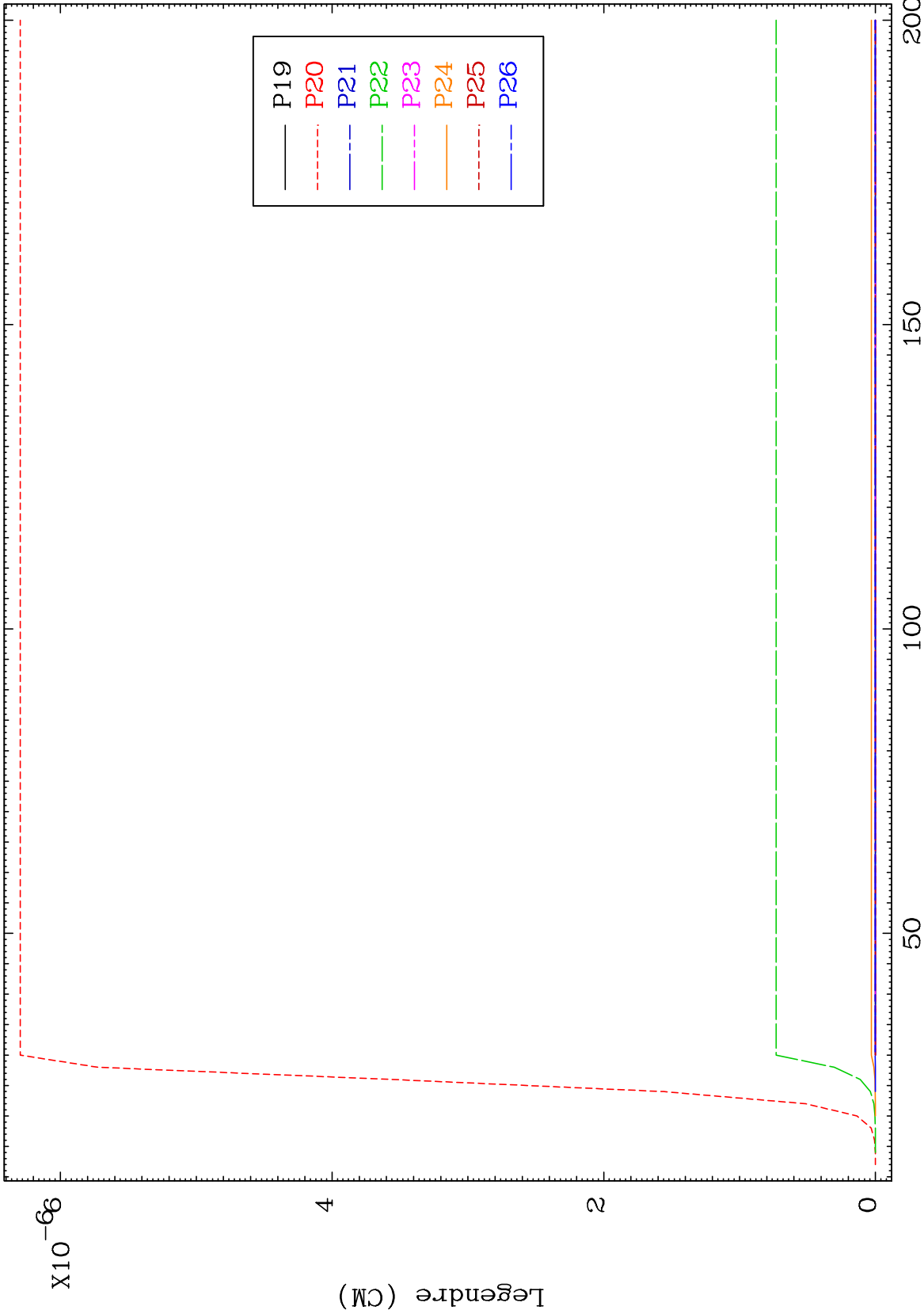
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



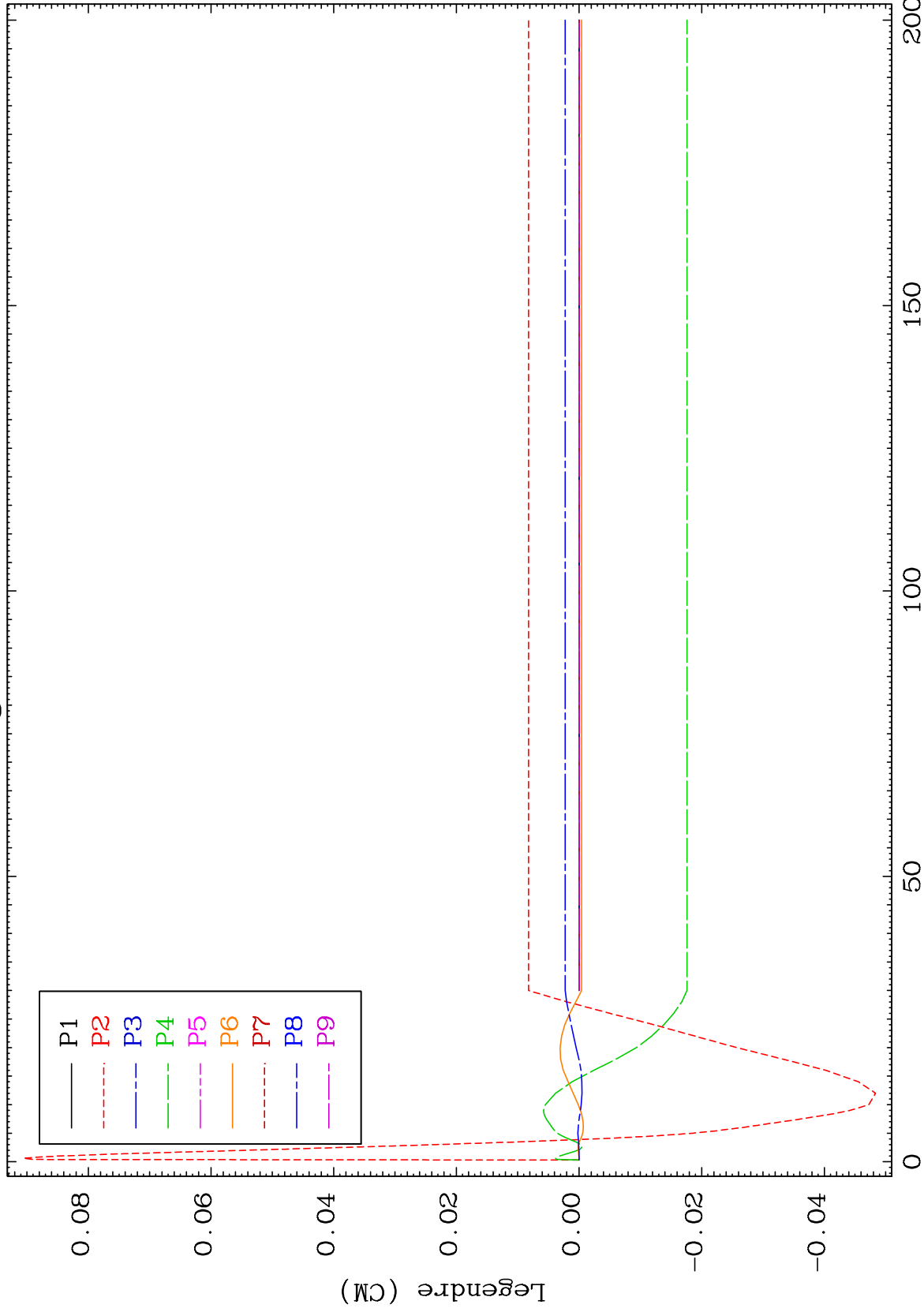
81

77-Ir-178

MAT 7686

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

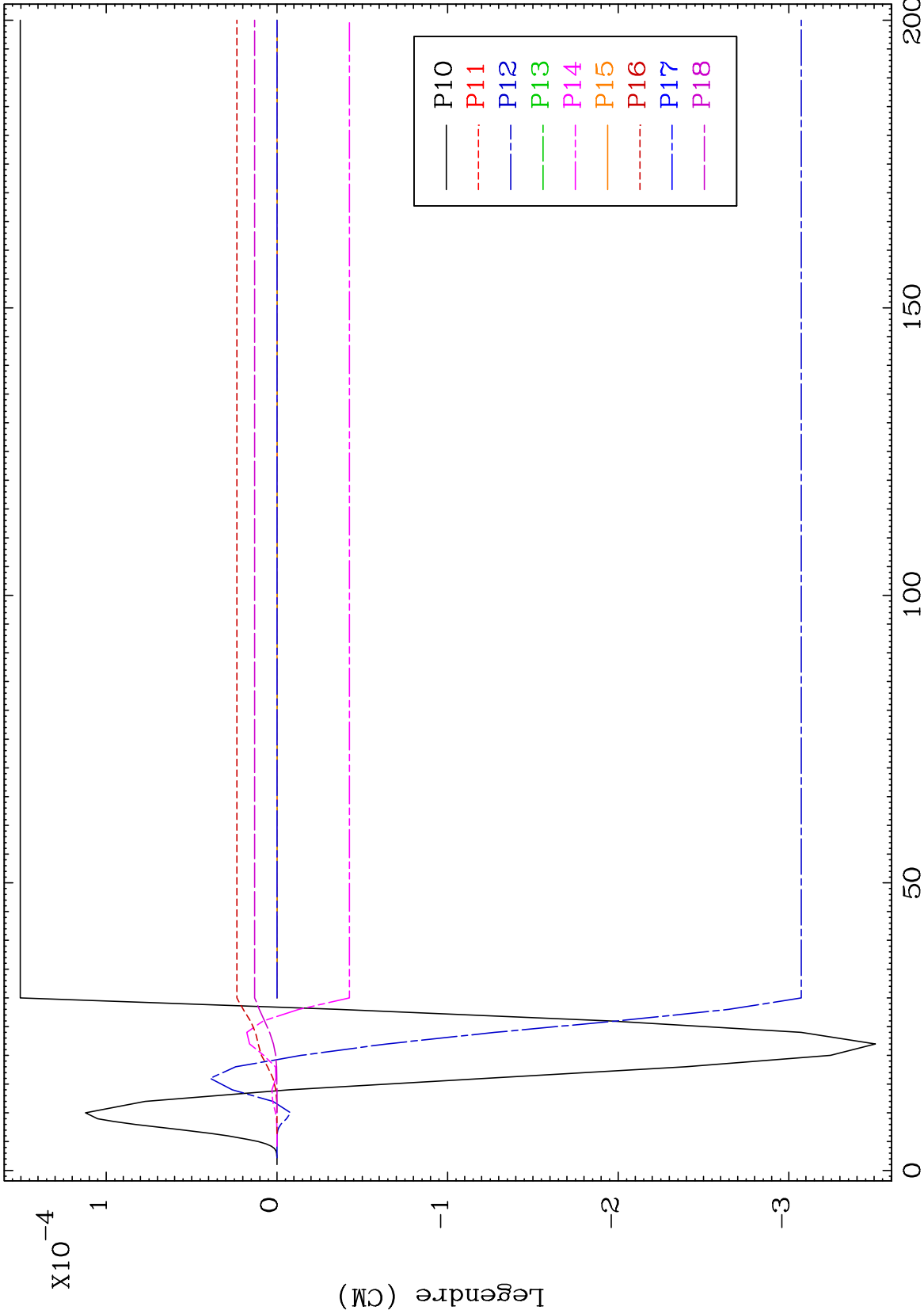
77-Ir-178



82

Incident Energy (MeV)

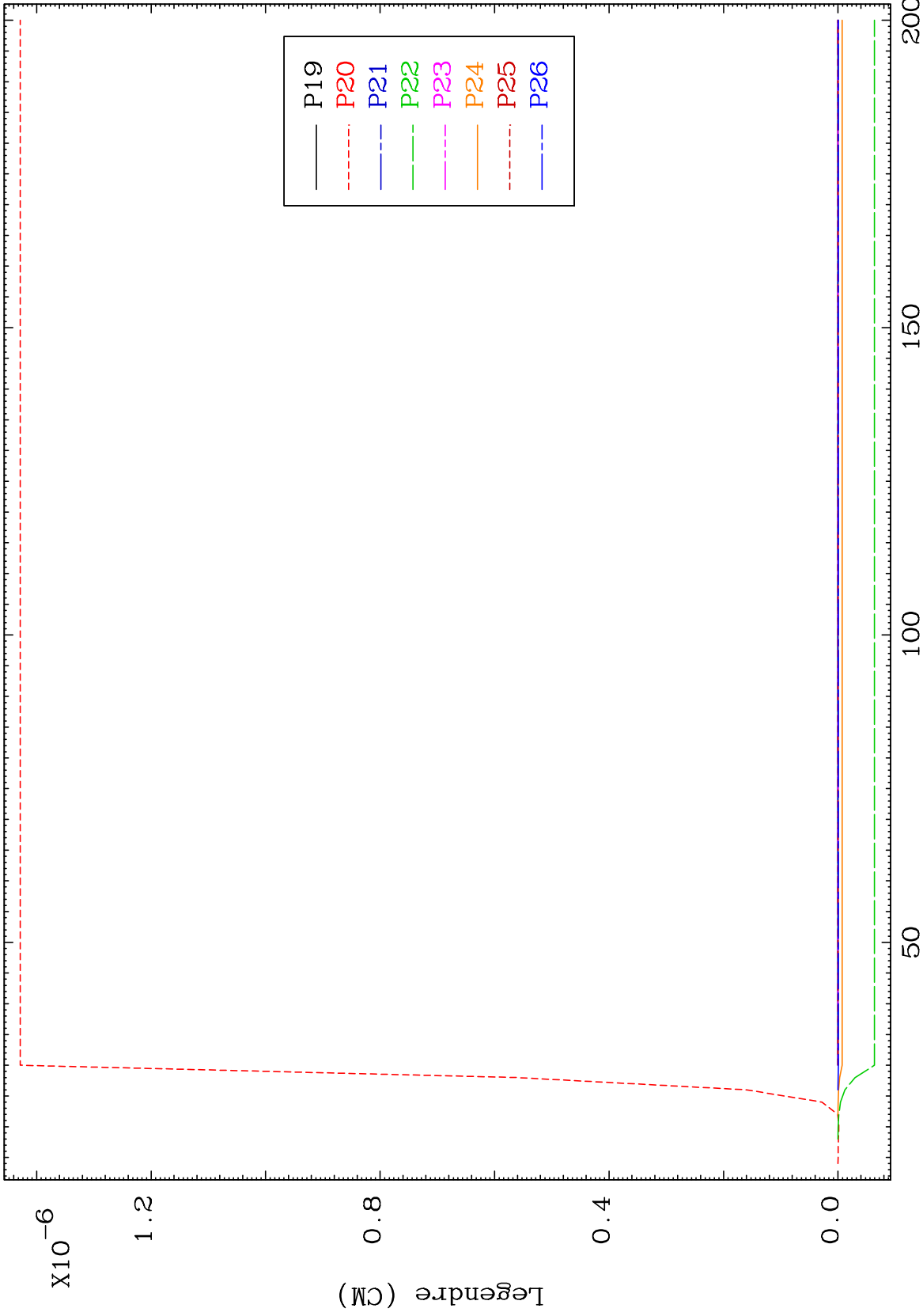
77-Ir-178



MAT 7686

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

77-Ir-178



84

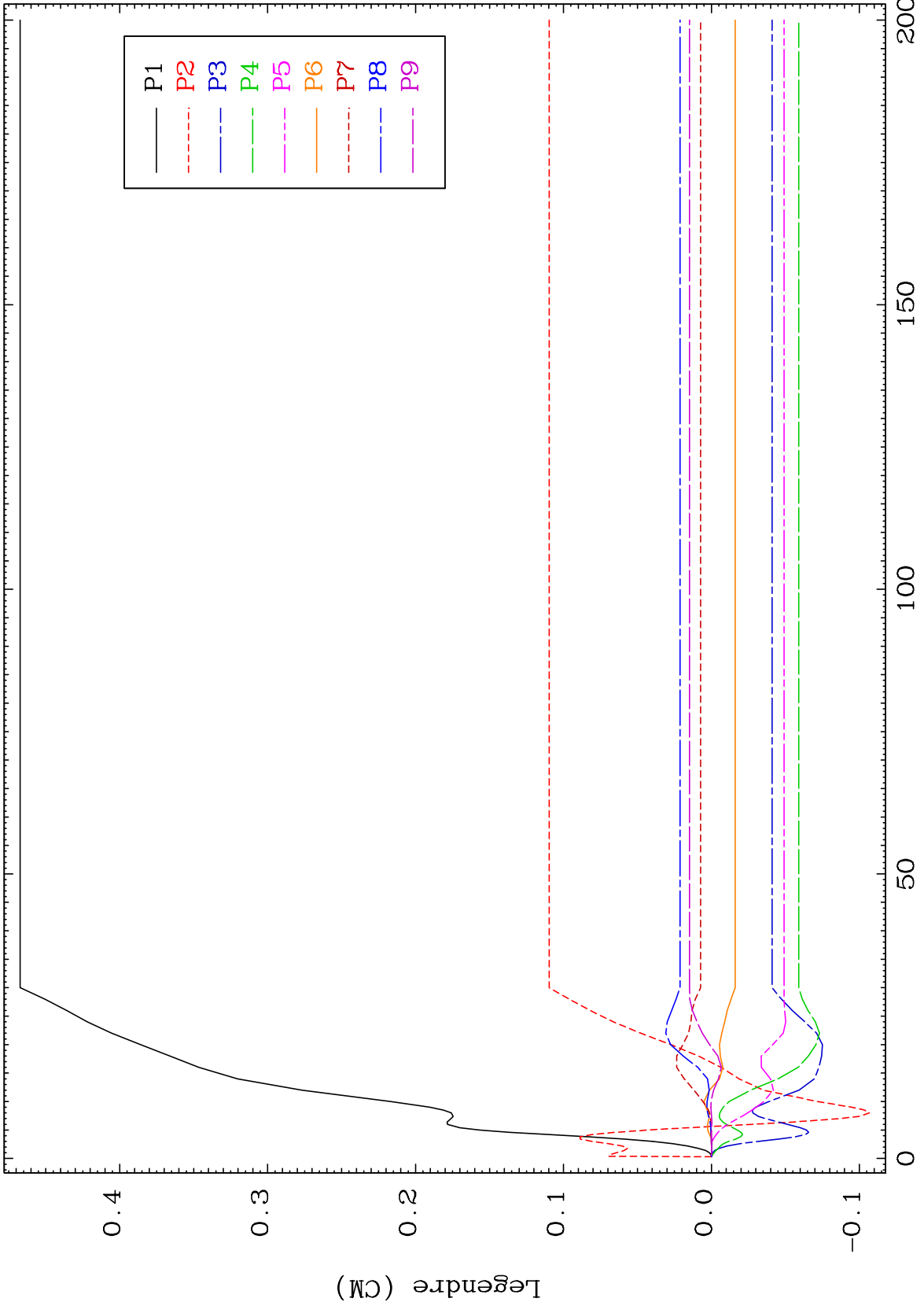
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



85

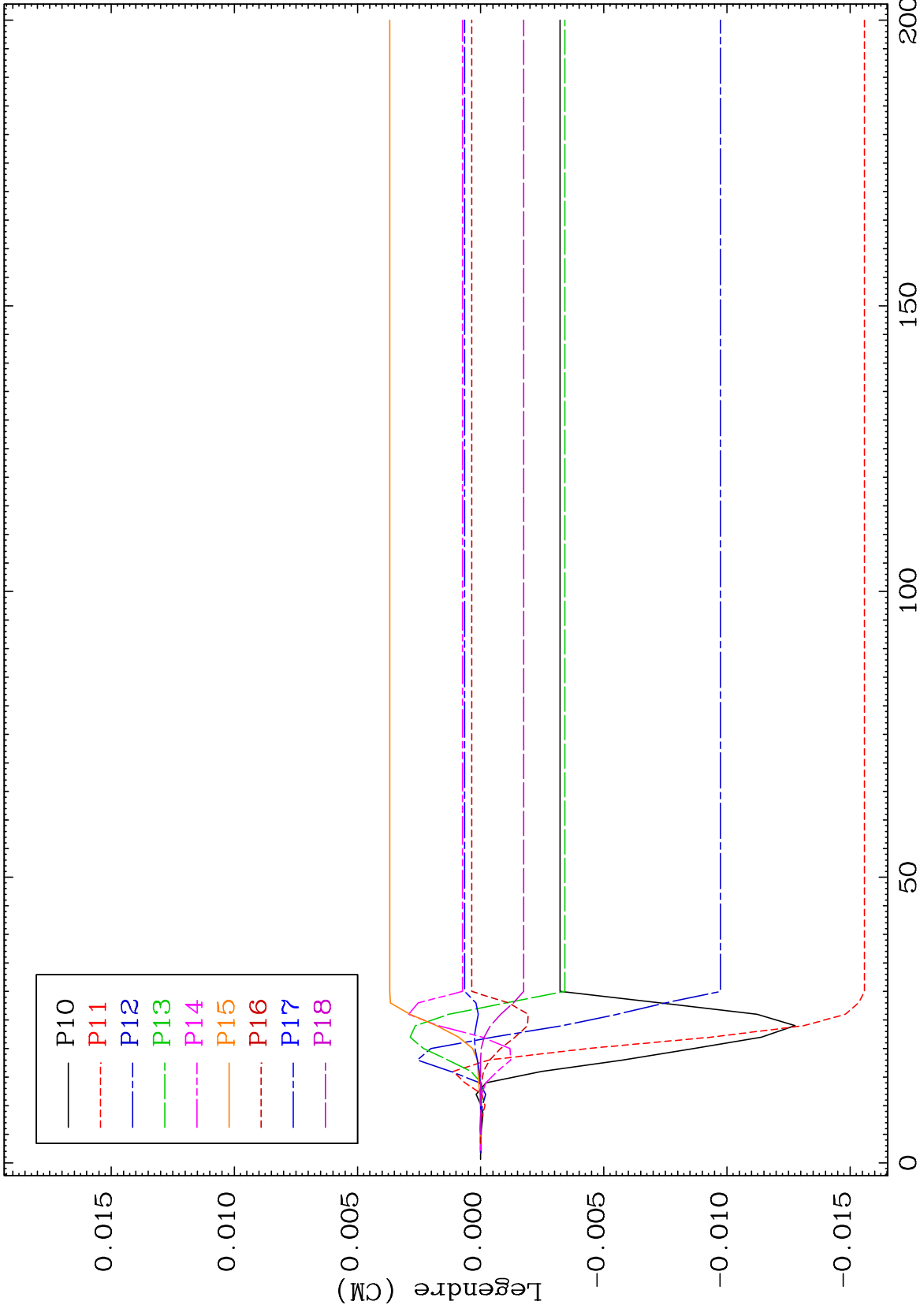
Incident Energy (MeV)

77-Ir-178

MAT 7686

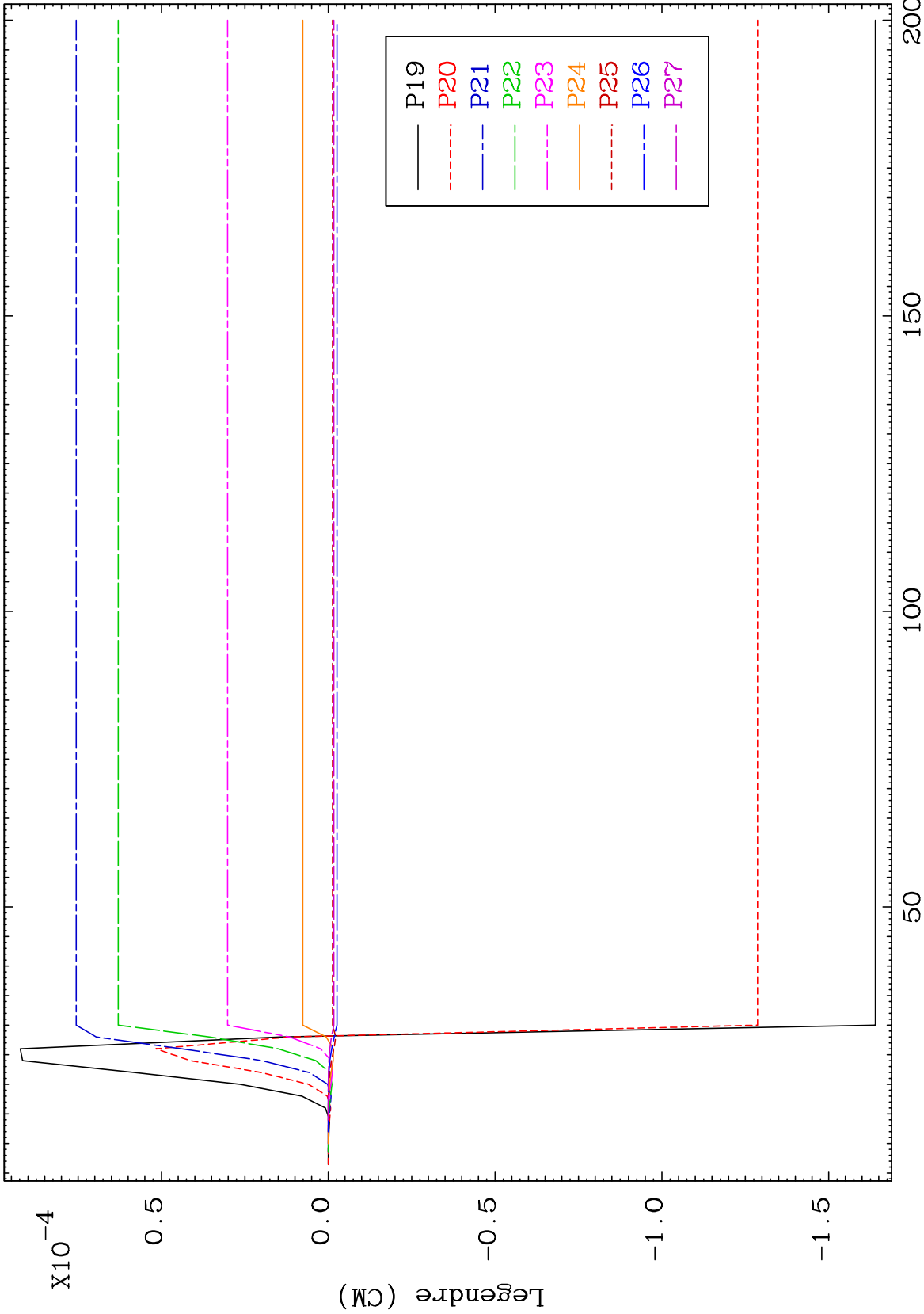
MT= 70 (n,n') Level
Legendre Coefficients

77-Ir-178

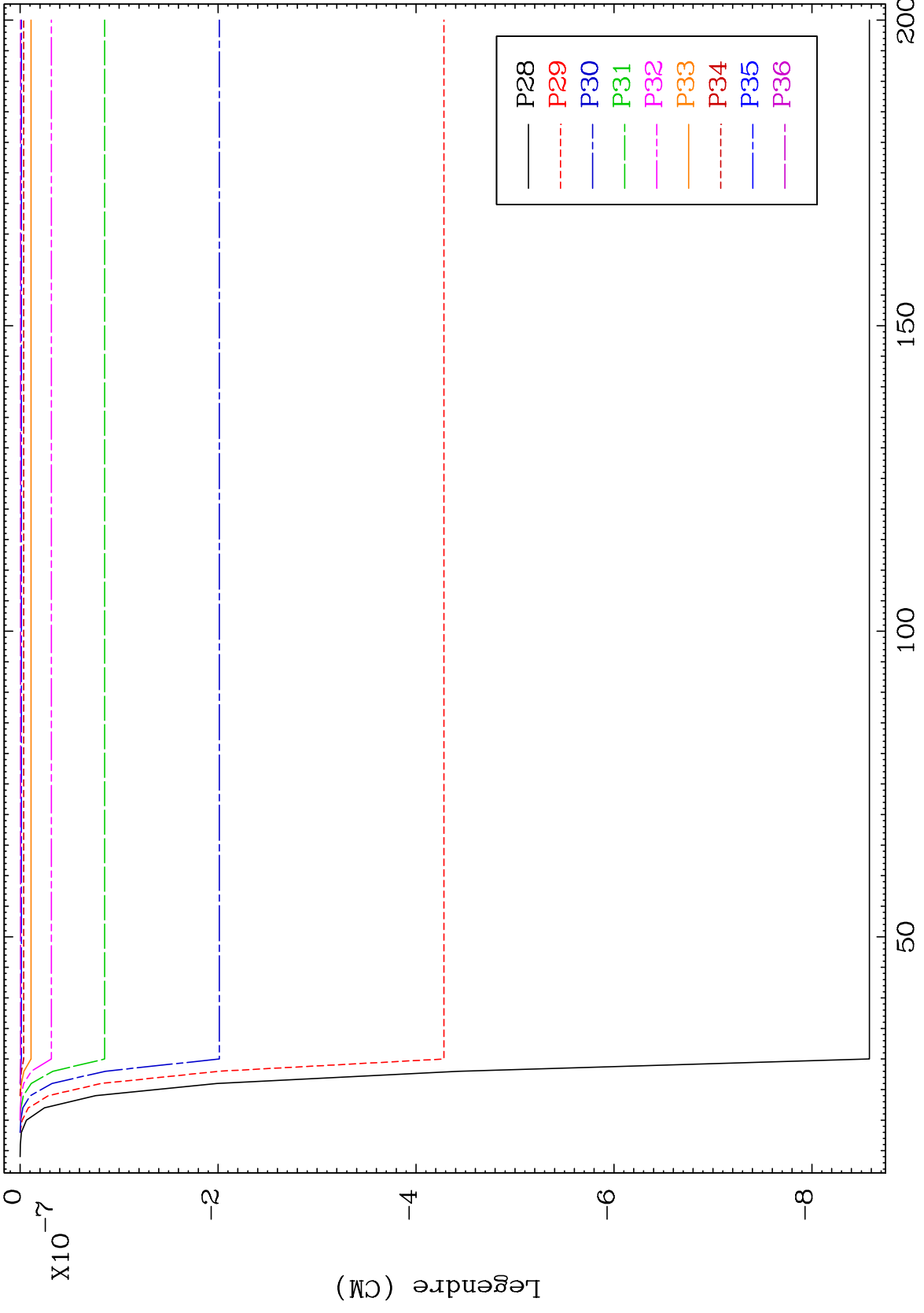


86

77-Ir-178



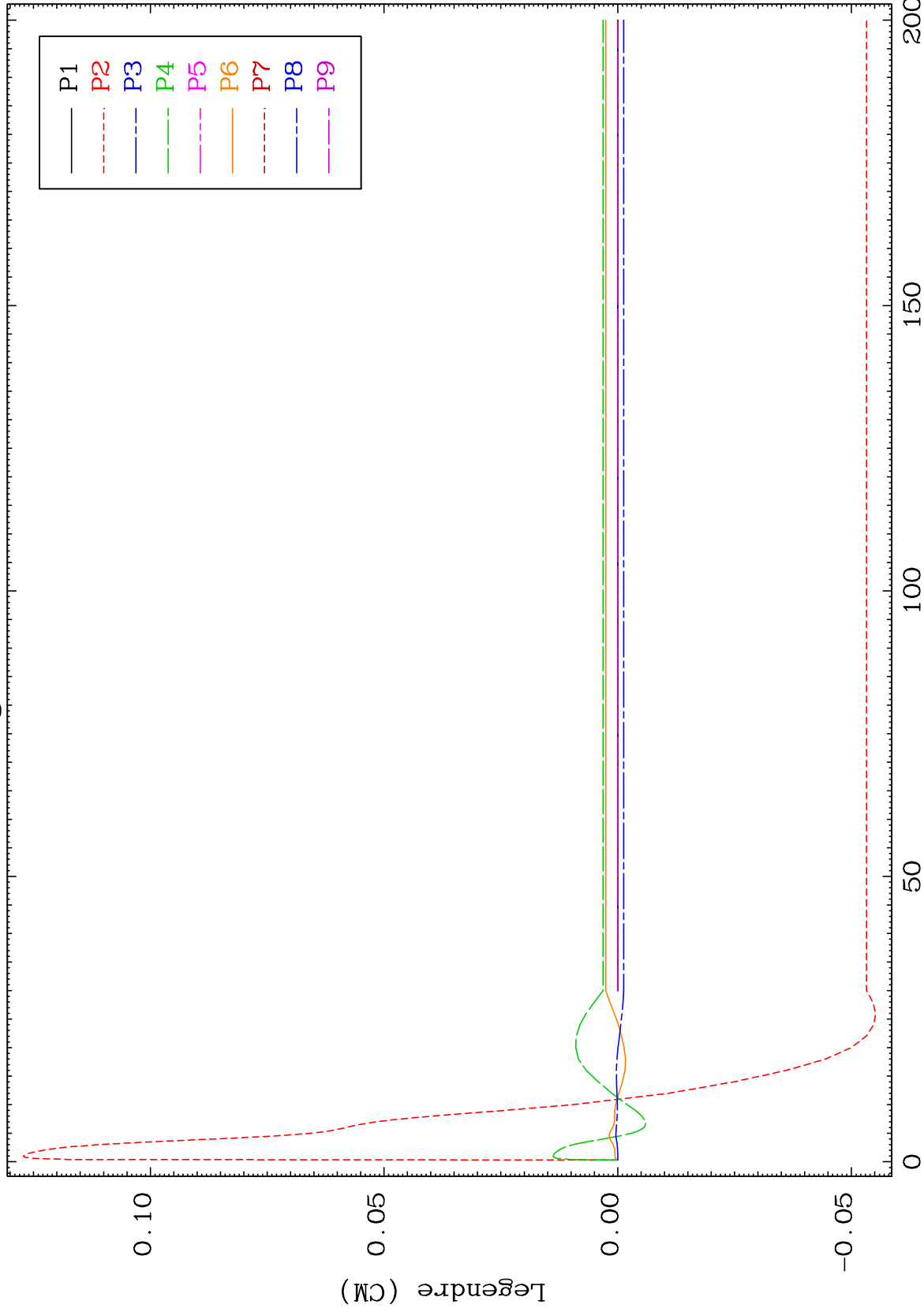
MAT 7686 MT= 70 (n,n') Level Legendre Coefficients 77-Ir-178



MAT 7686

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

77-Ir-178



89

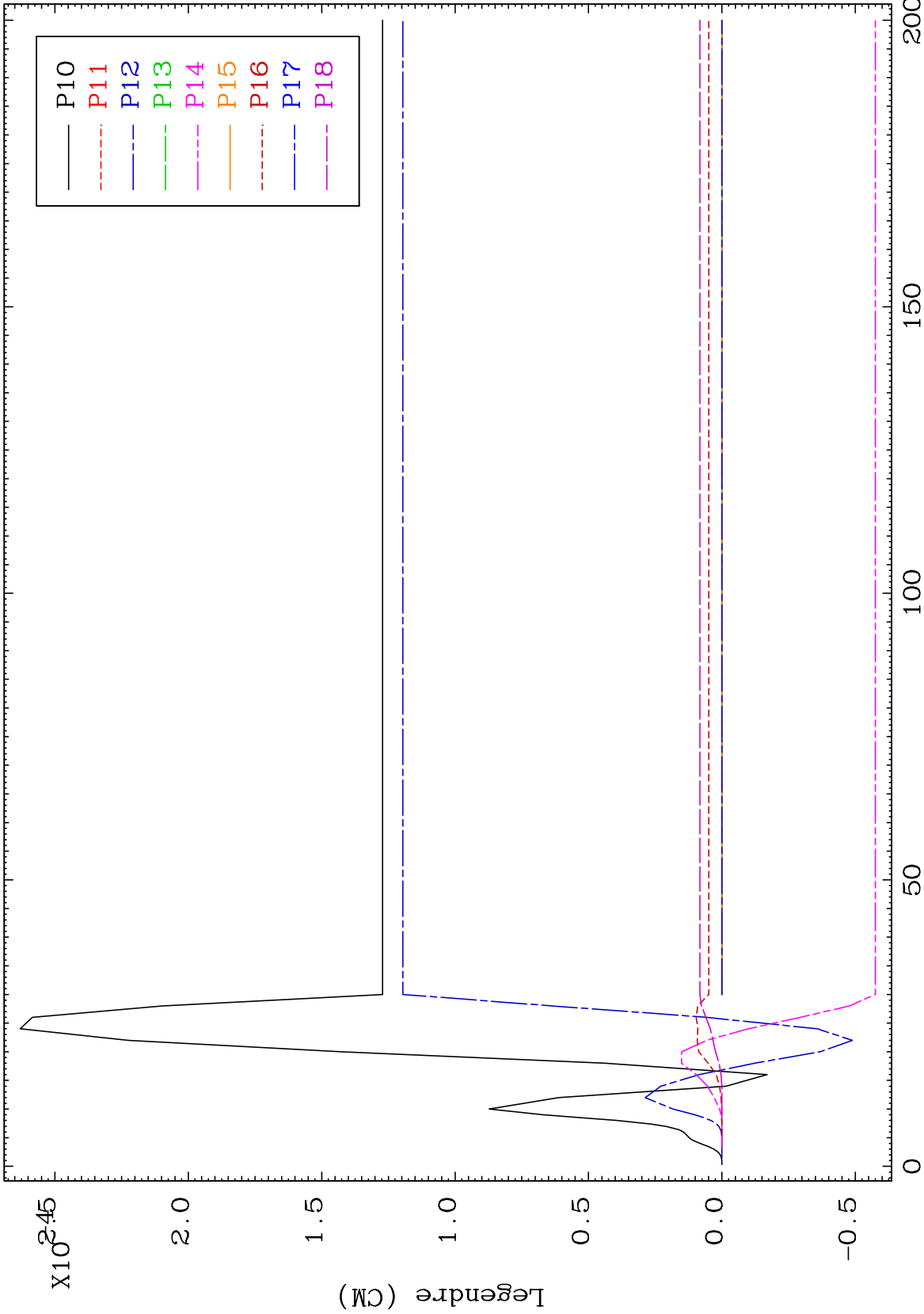
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



90

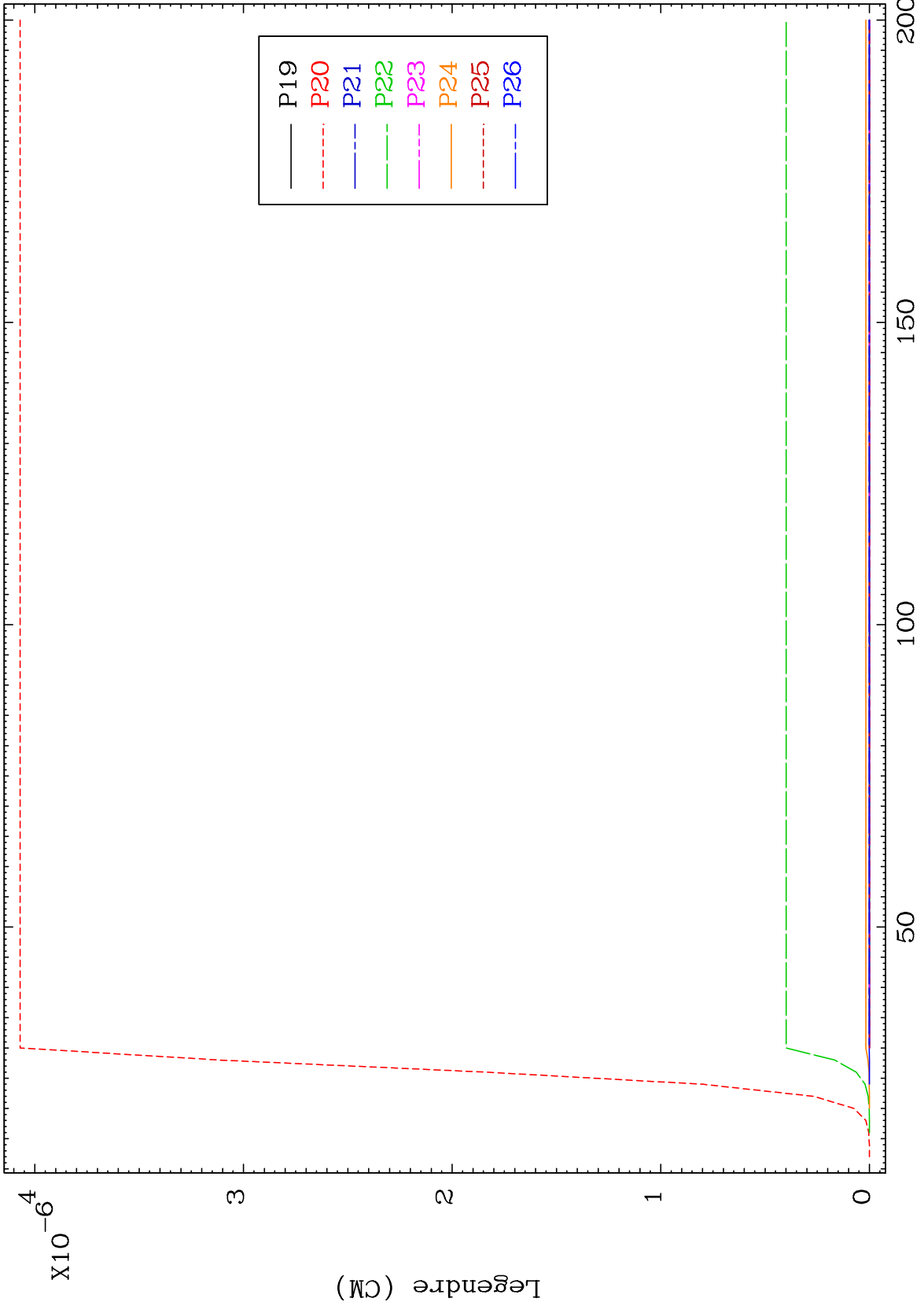
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



91

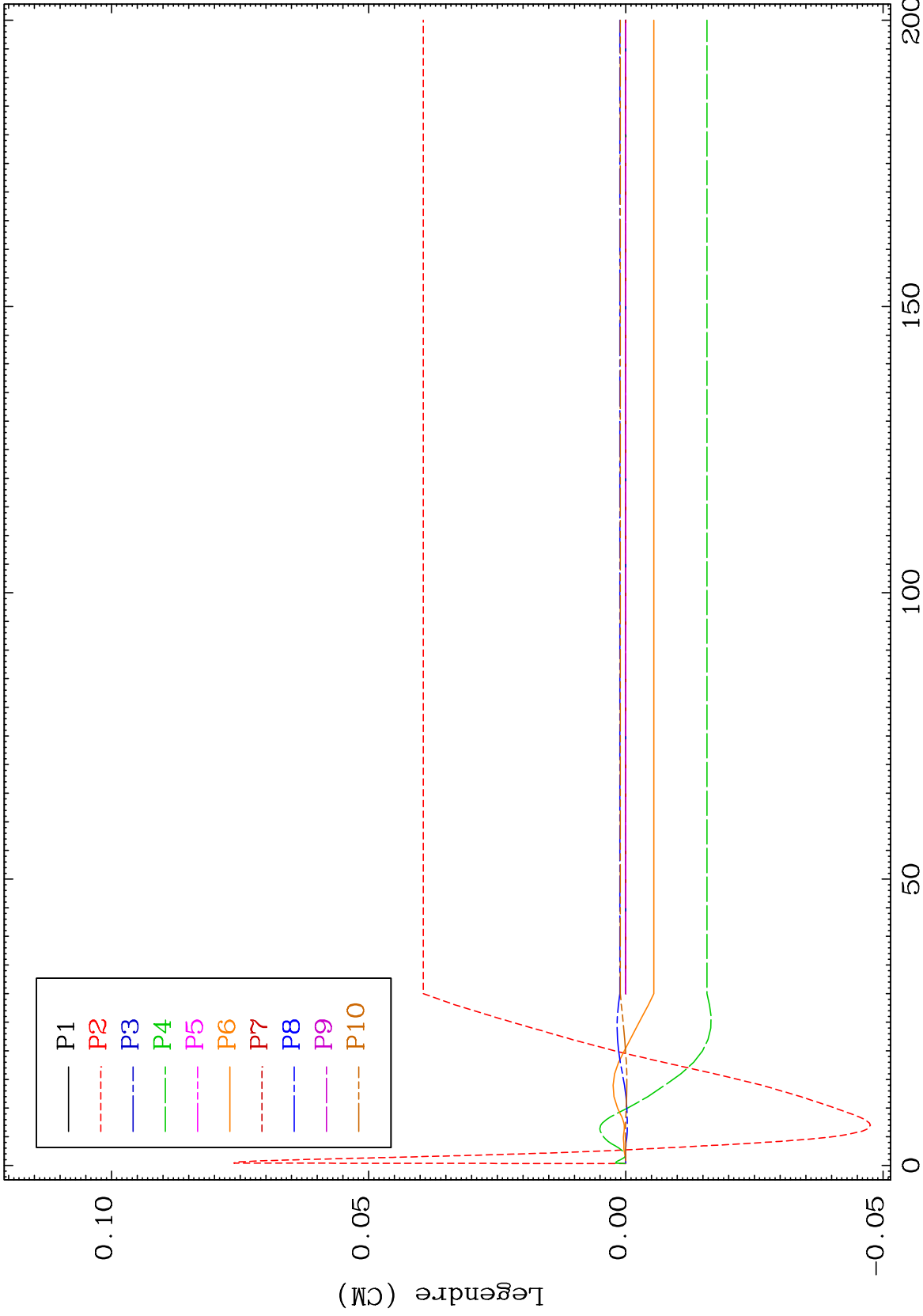
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



92

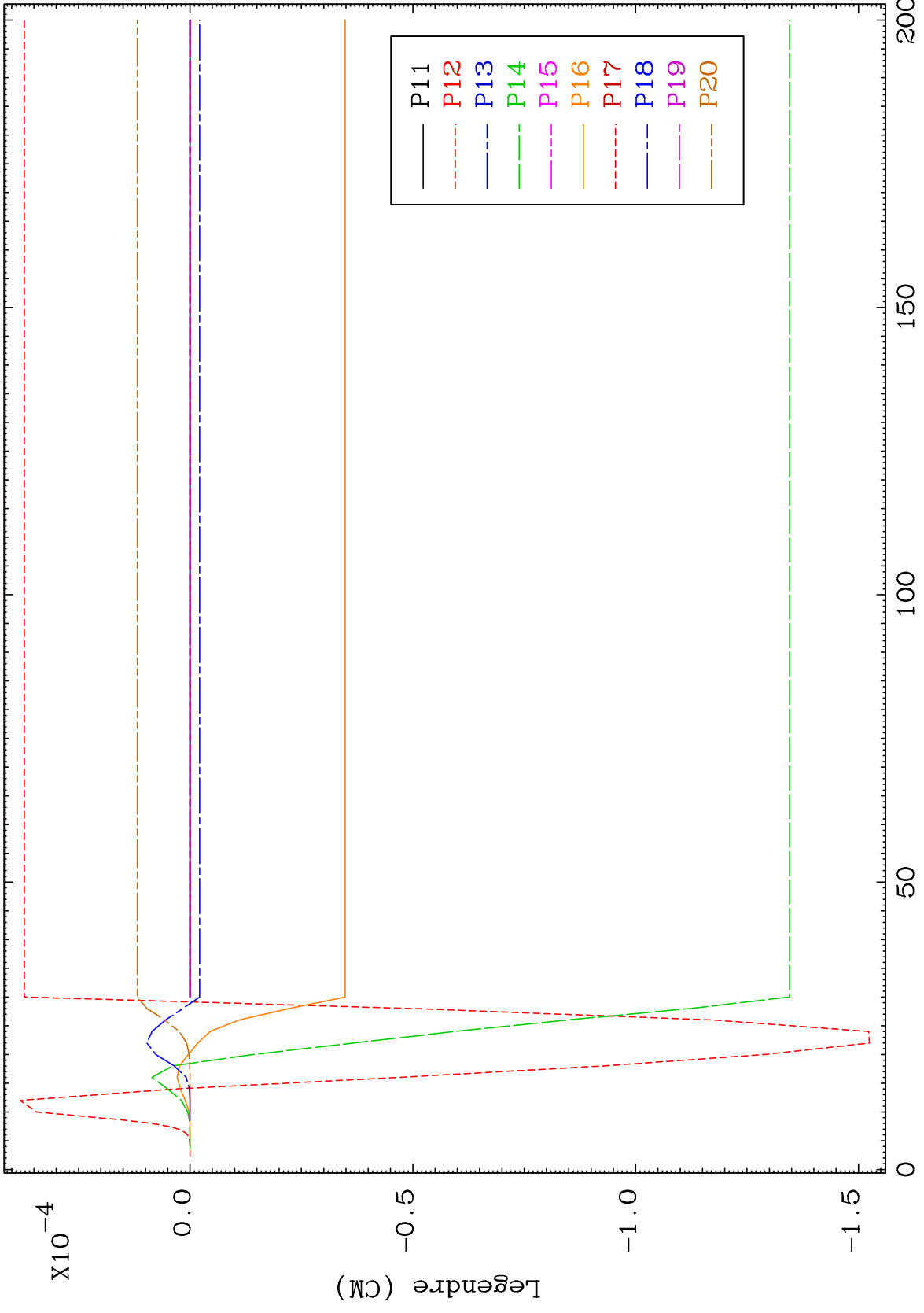
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



93

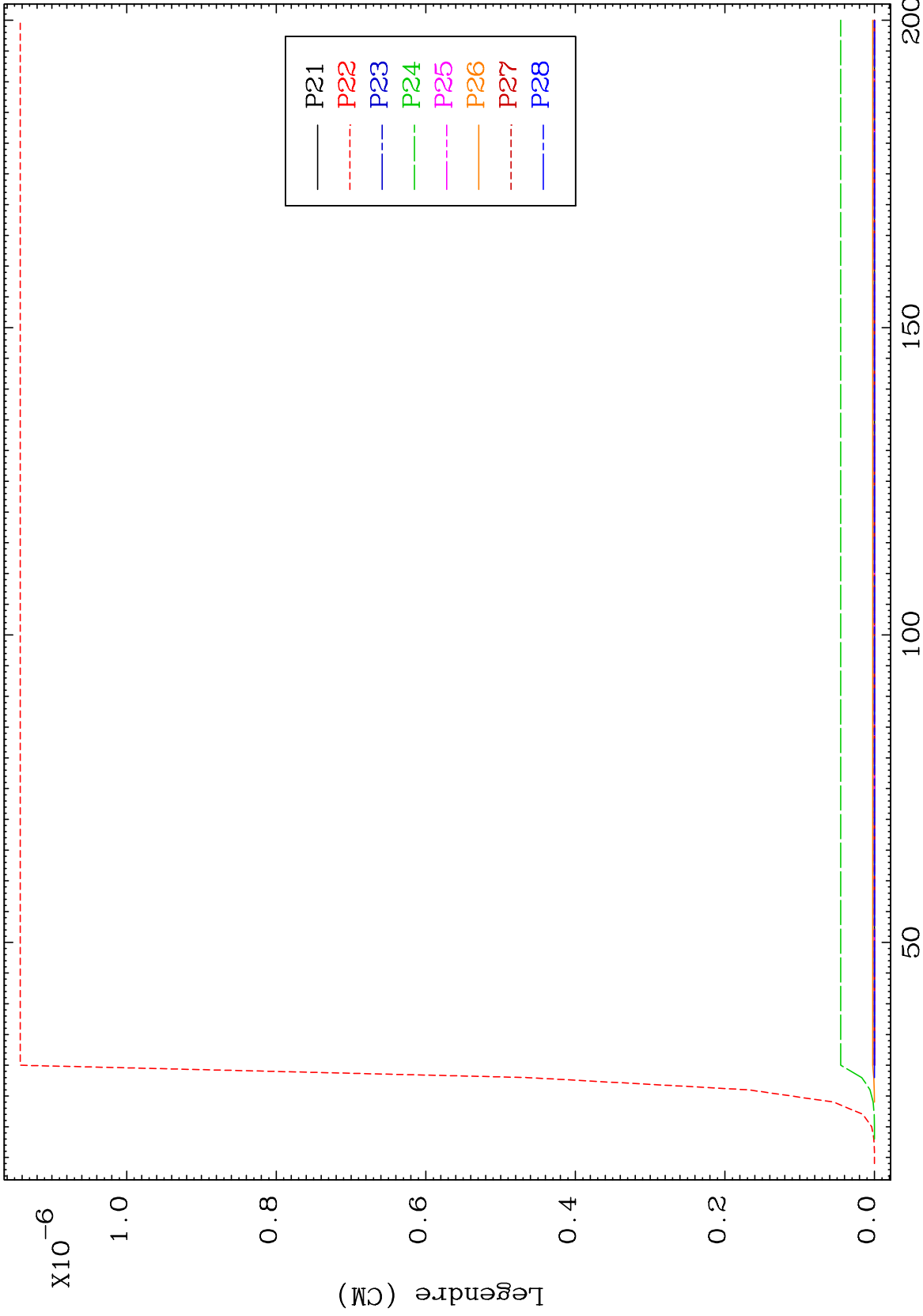
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



94

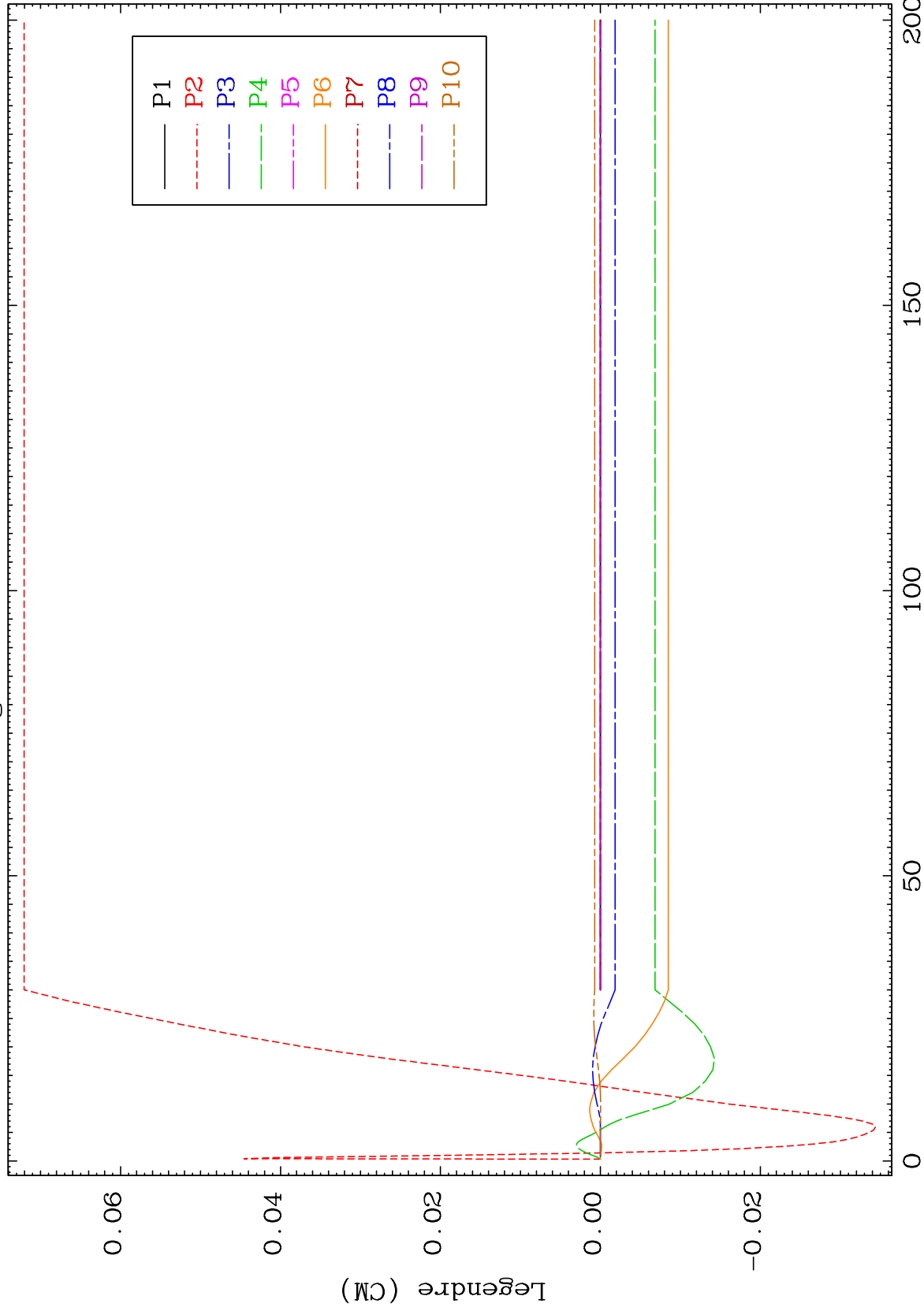
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



95

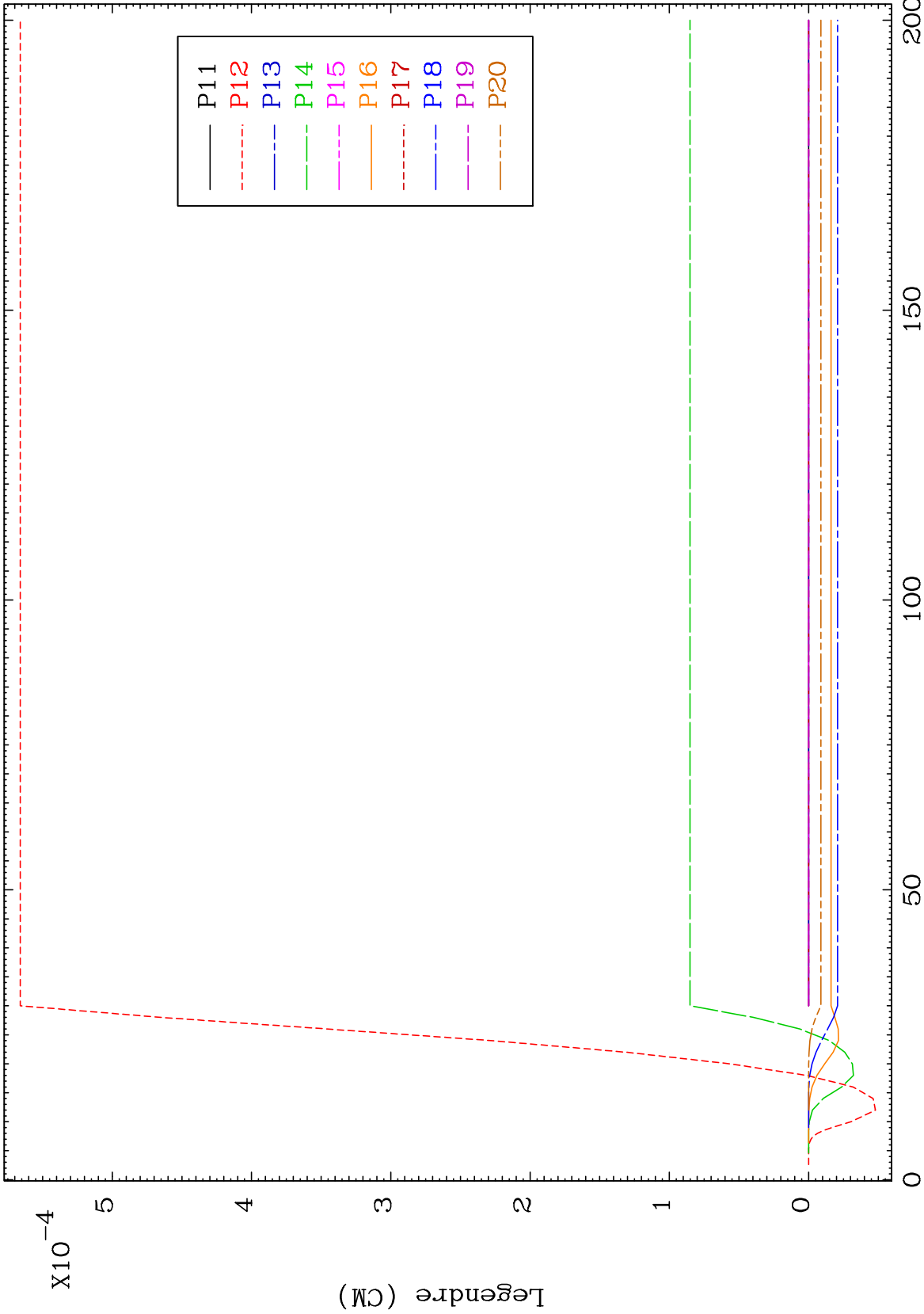
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



96

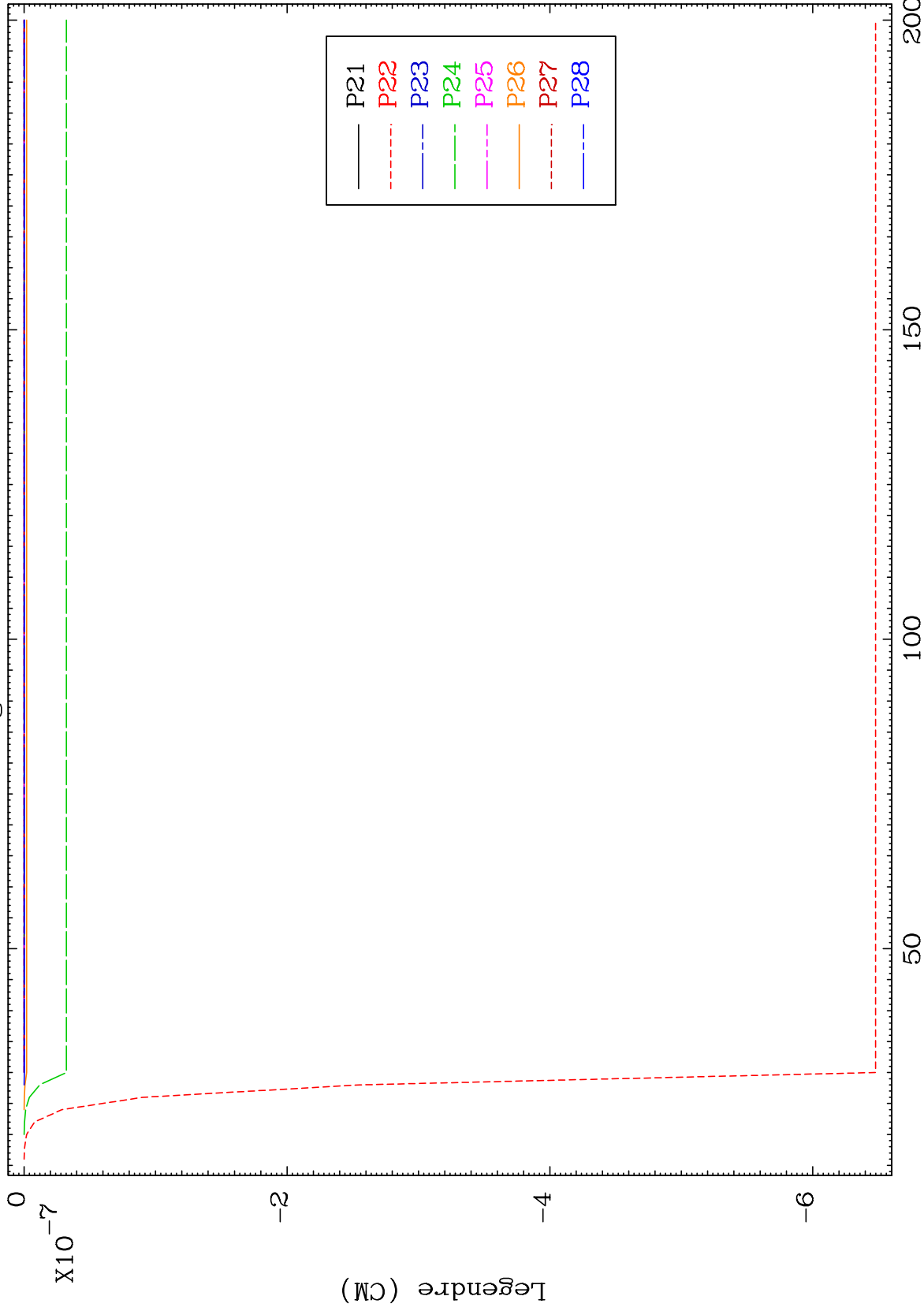
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



97

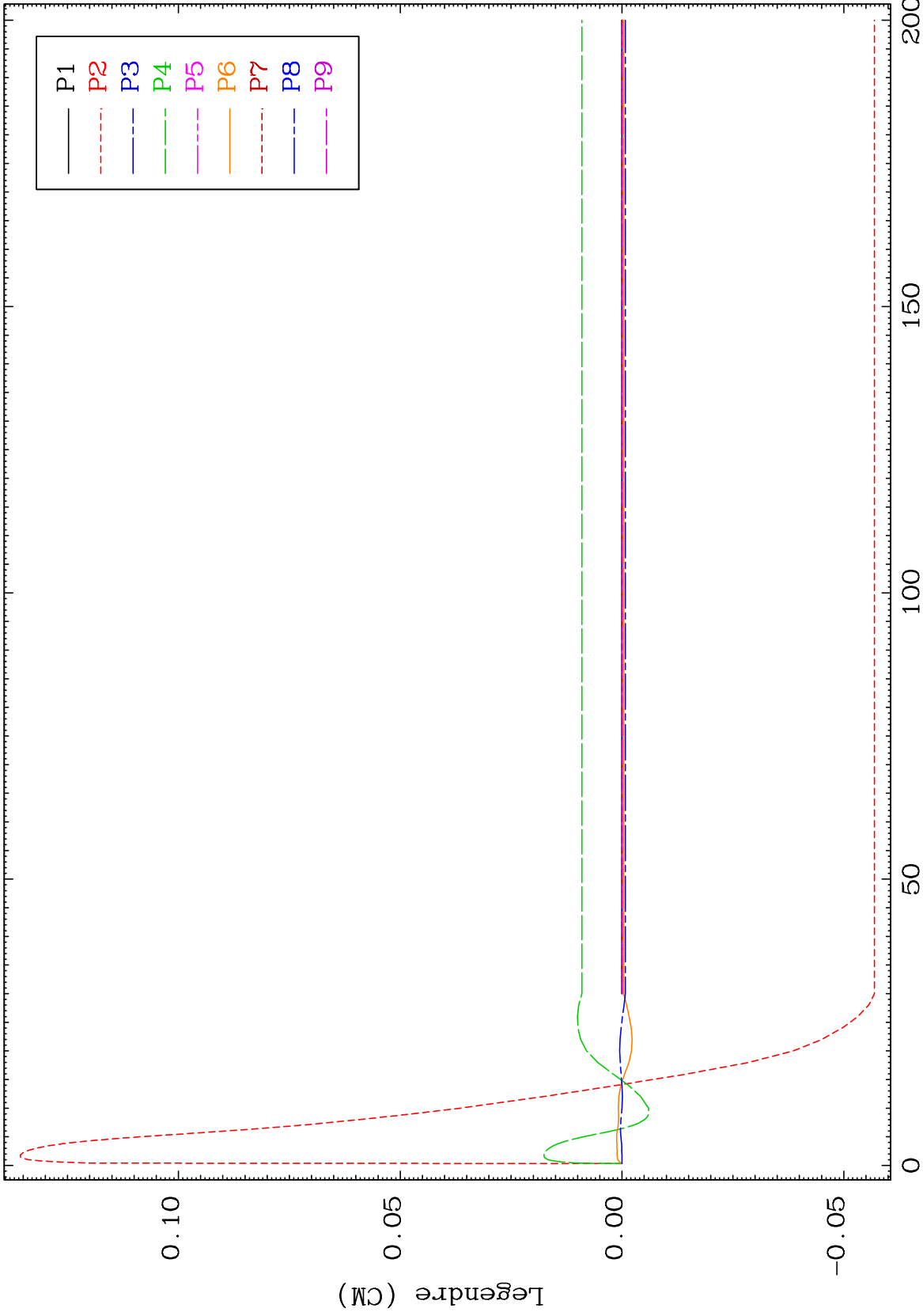
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



98

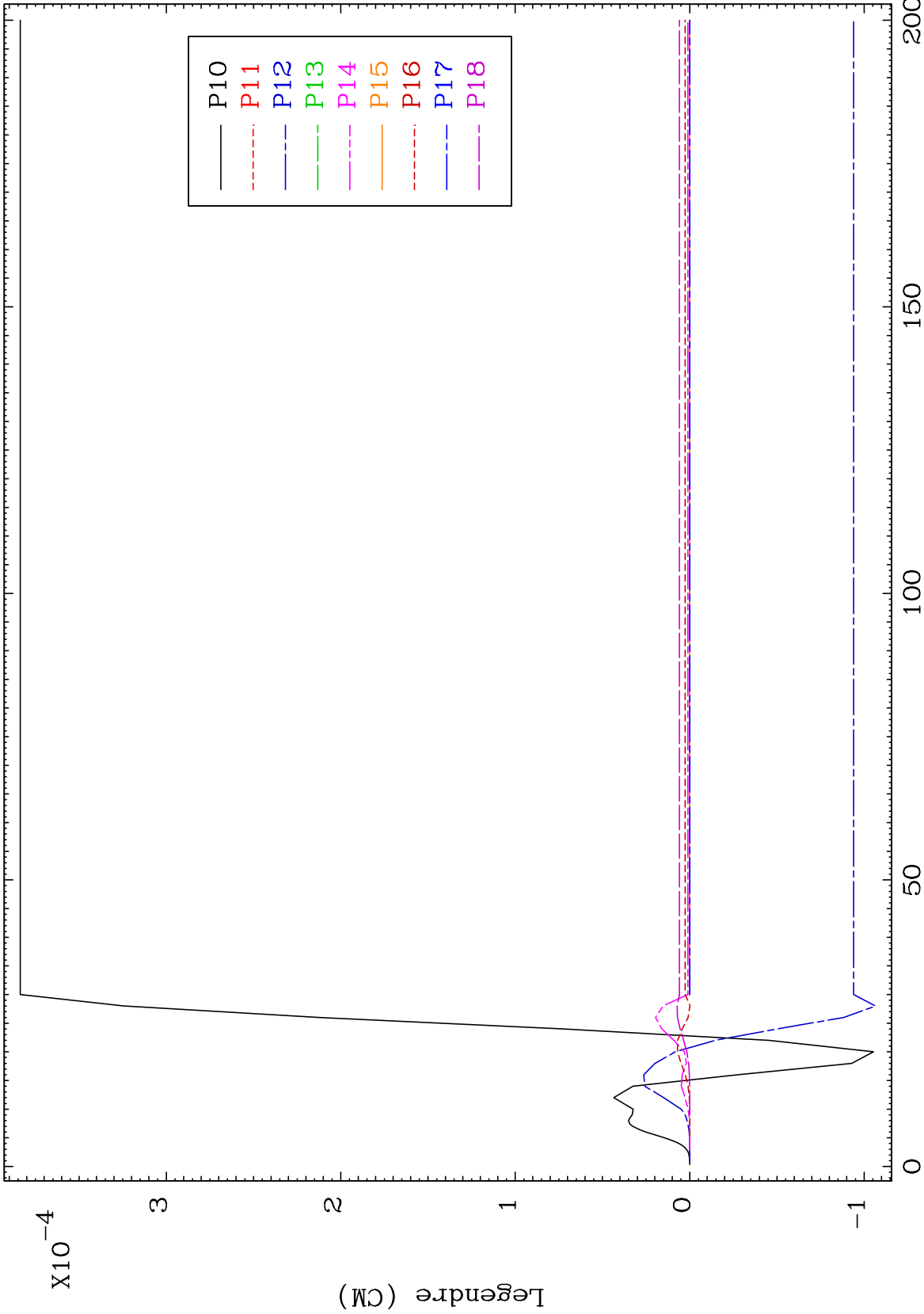
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



99

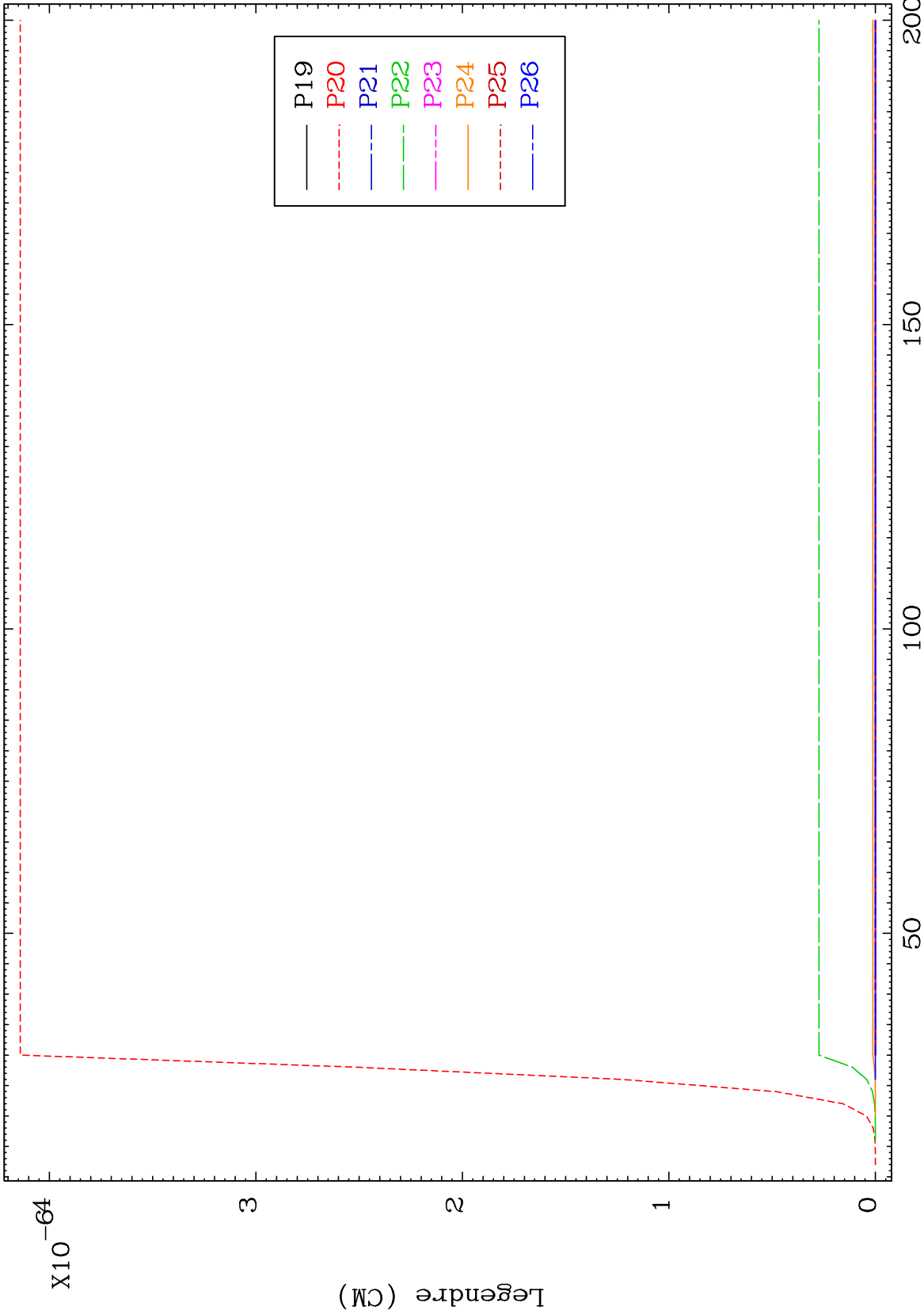
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



100

50

100

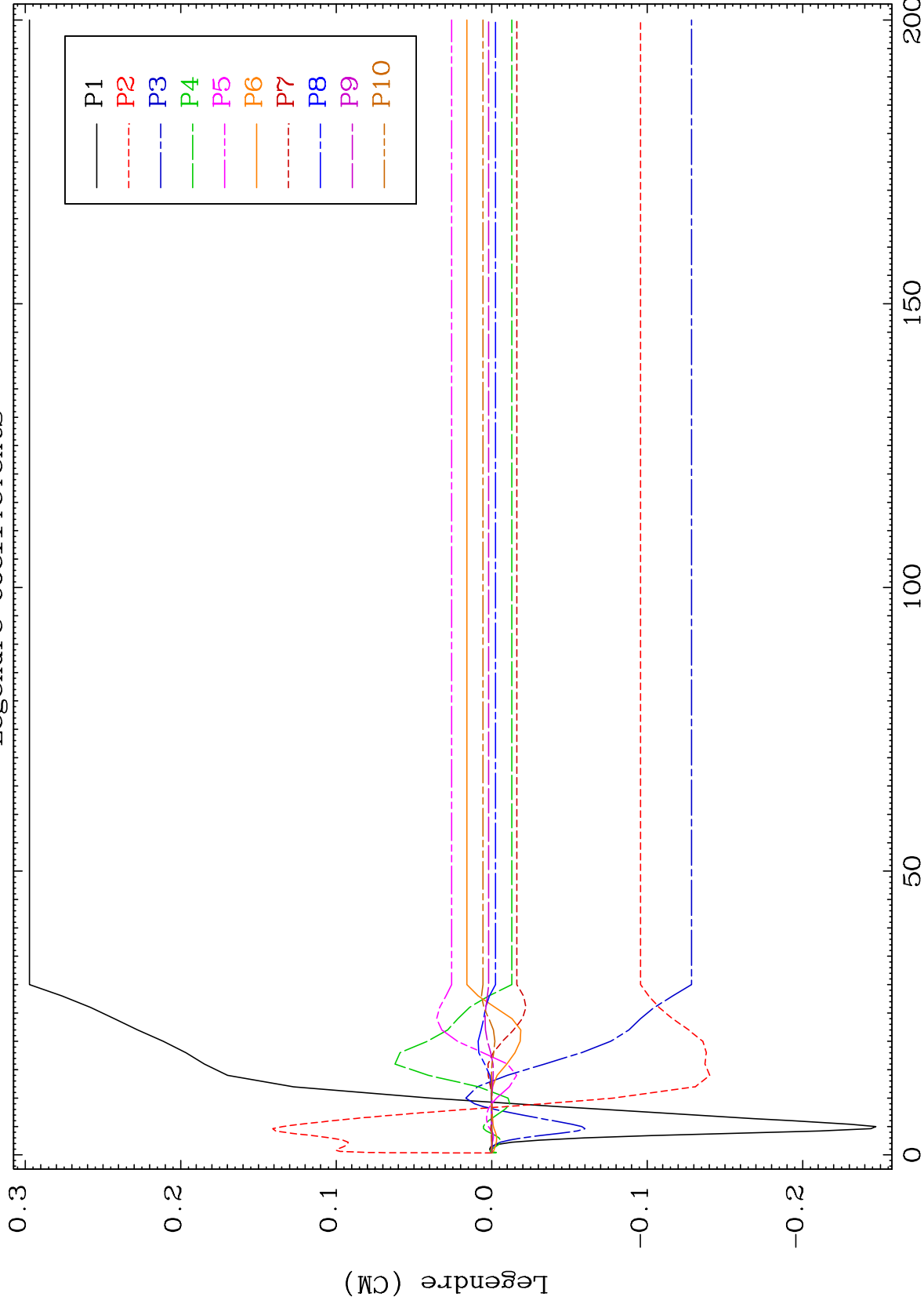
150

200

MAT 7686

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

77-Ir-178



101

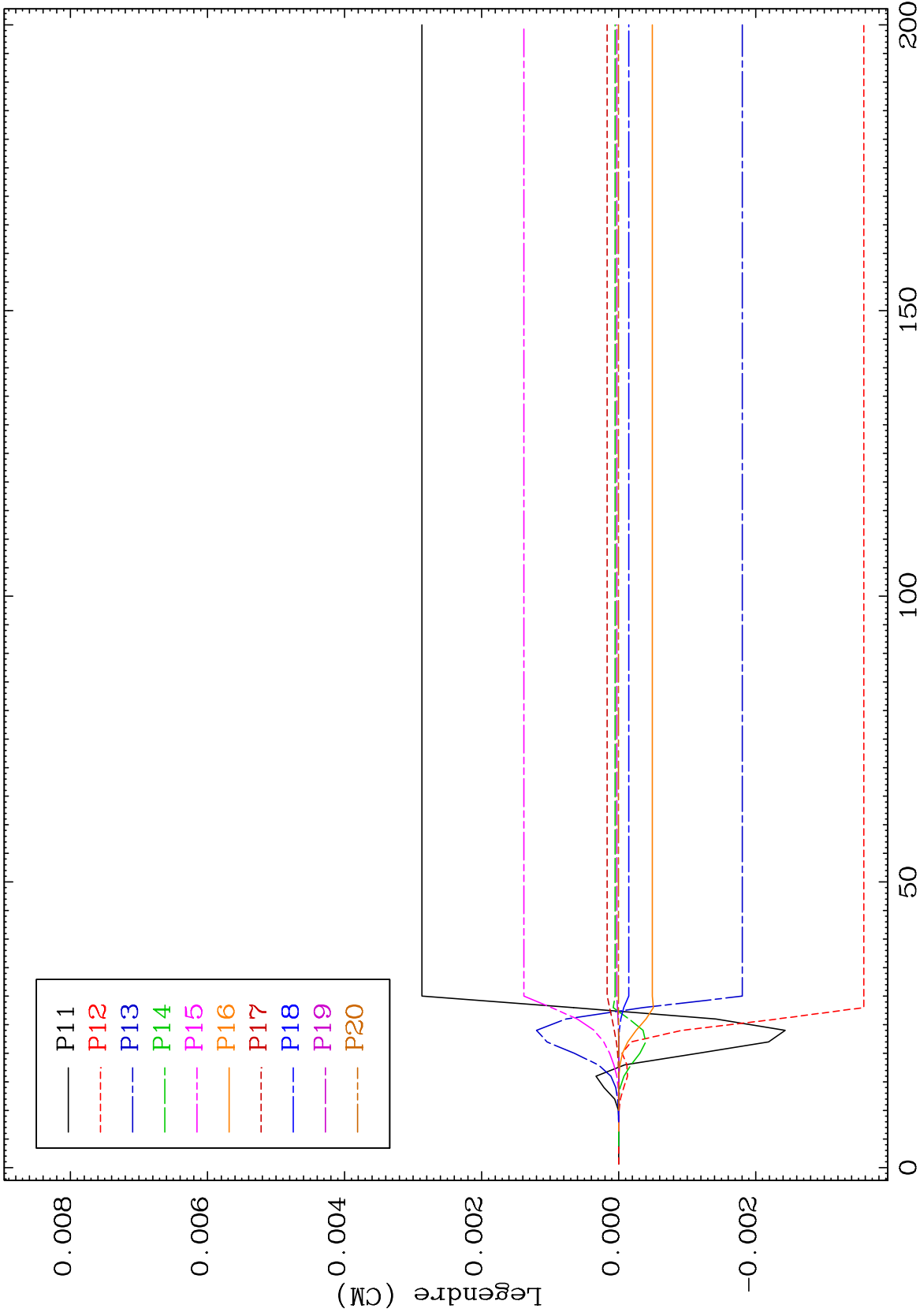
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



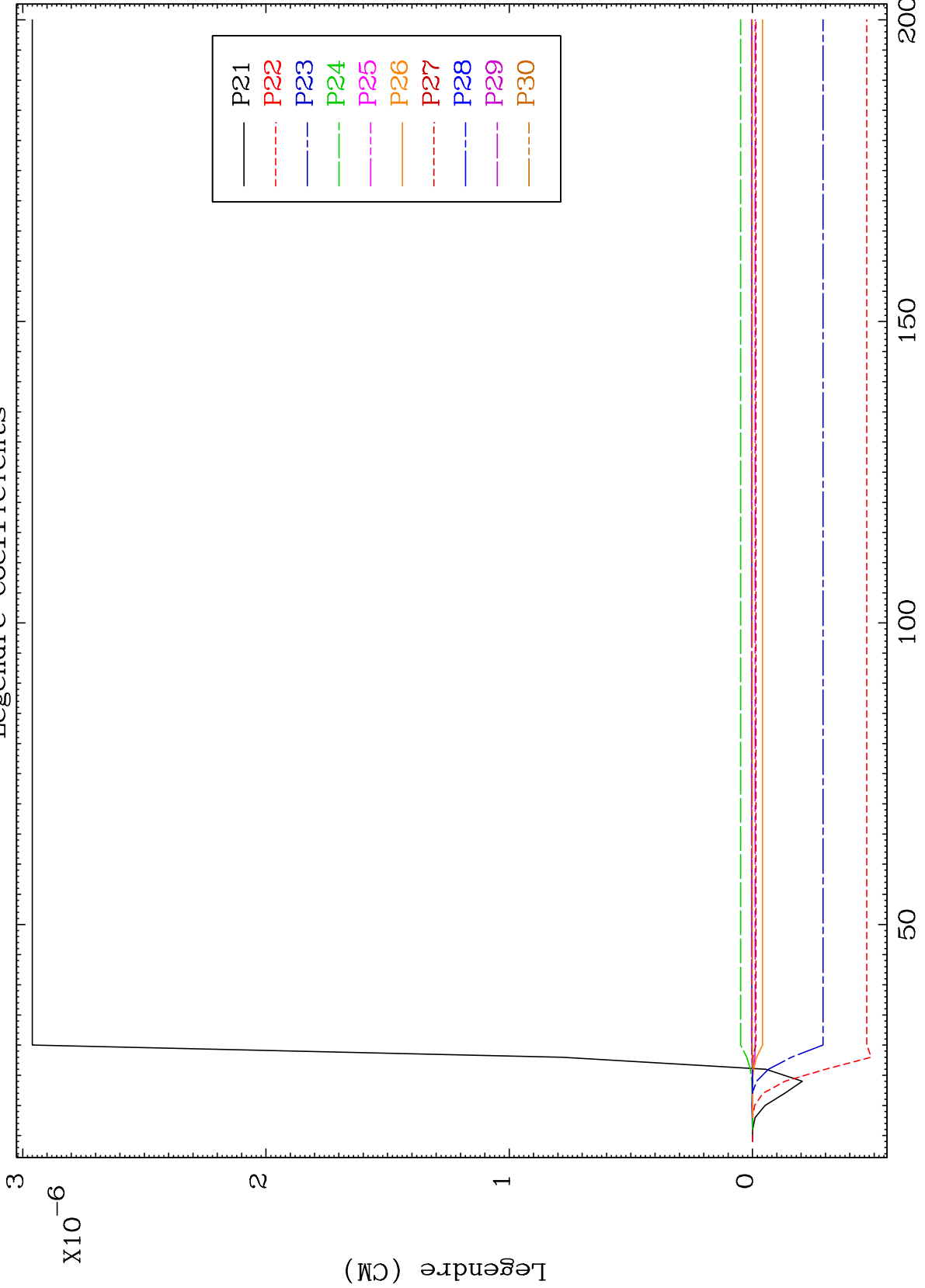
102

77-Ir-178

MAT 7686

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

77-Ir-178



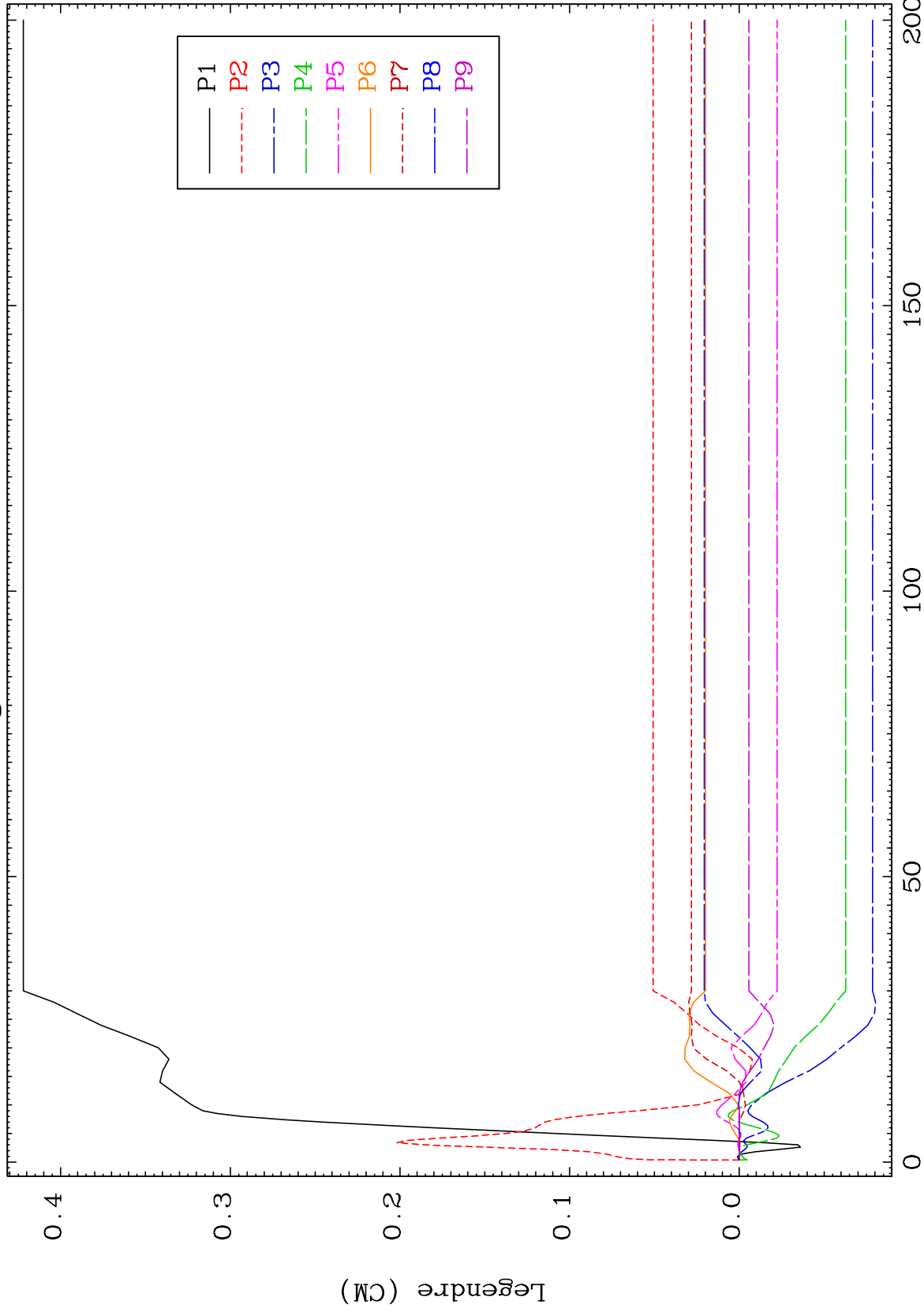
103

77-Ir-178

MAT 7686

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

77-Ir-178



104

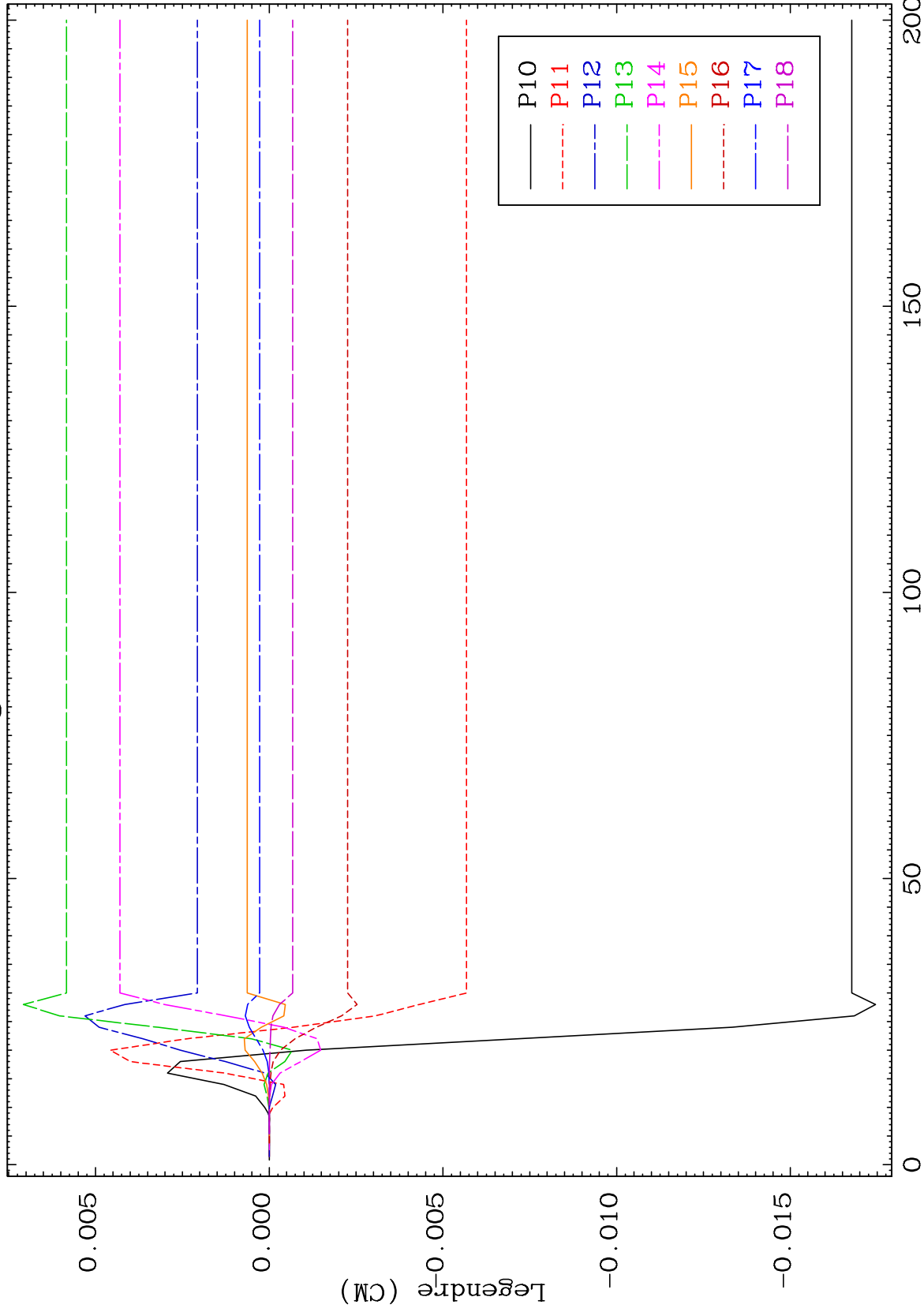
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



105

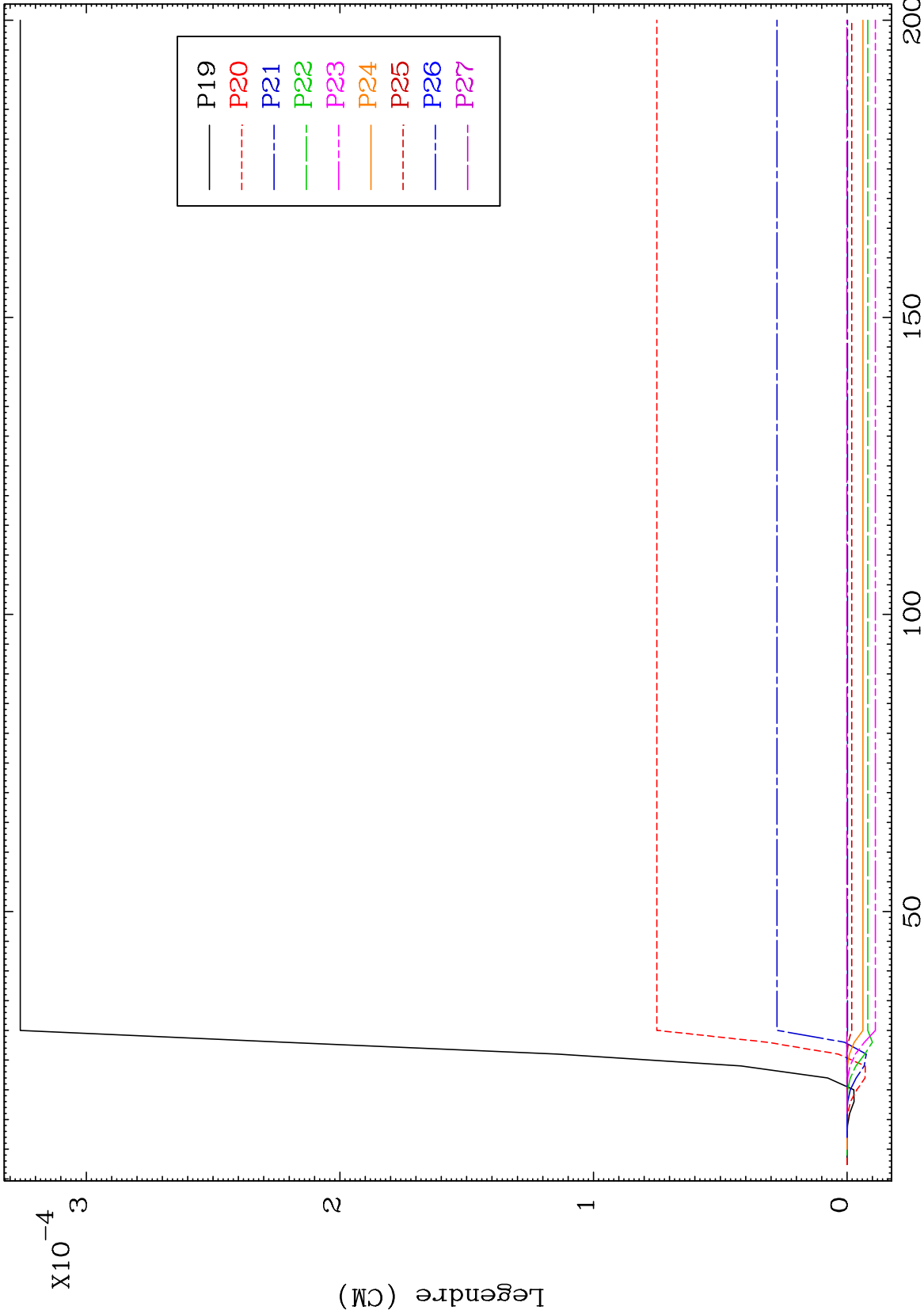
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



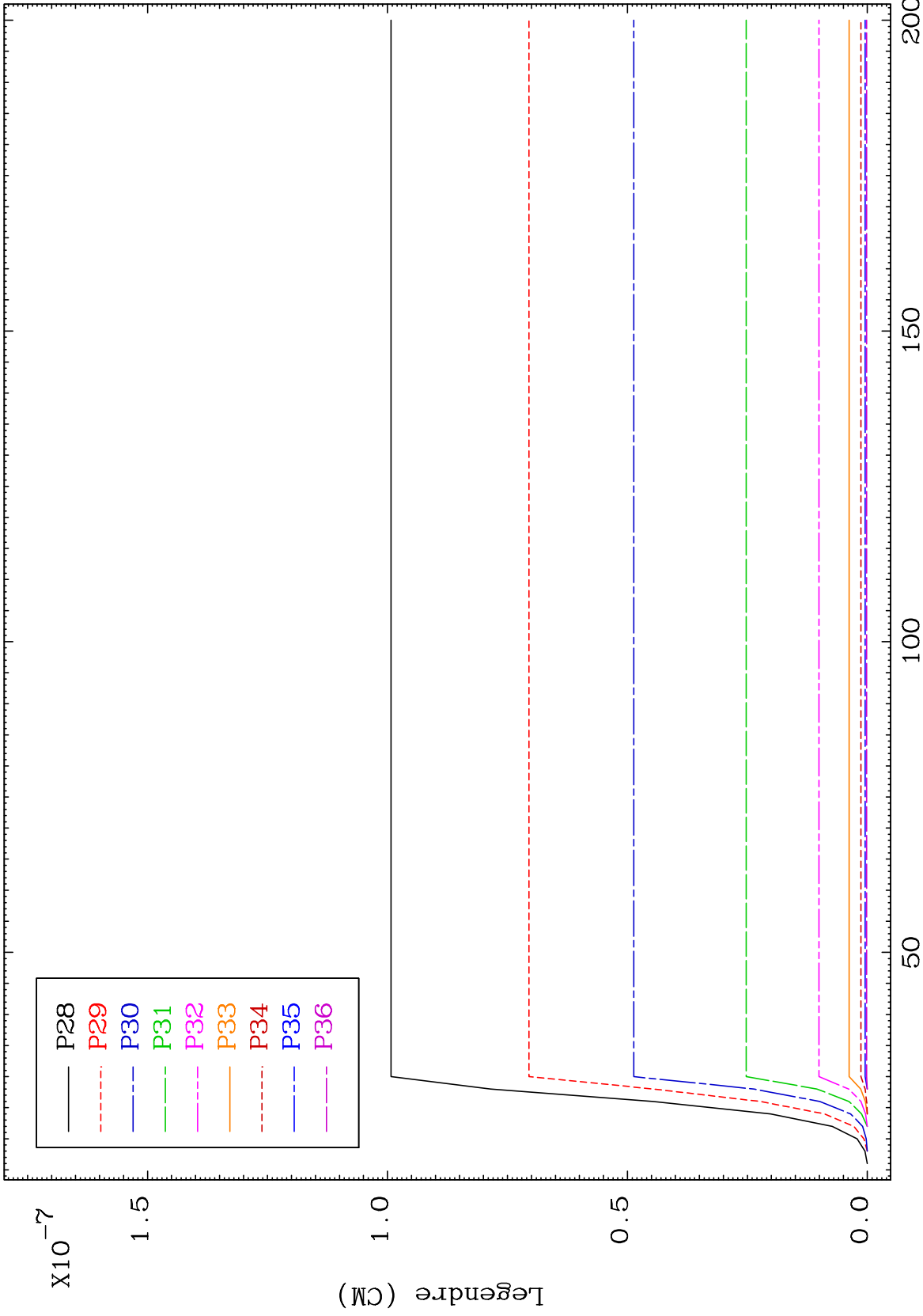
106

77-Ir-178

MAT 7686

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

77-Ir-178



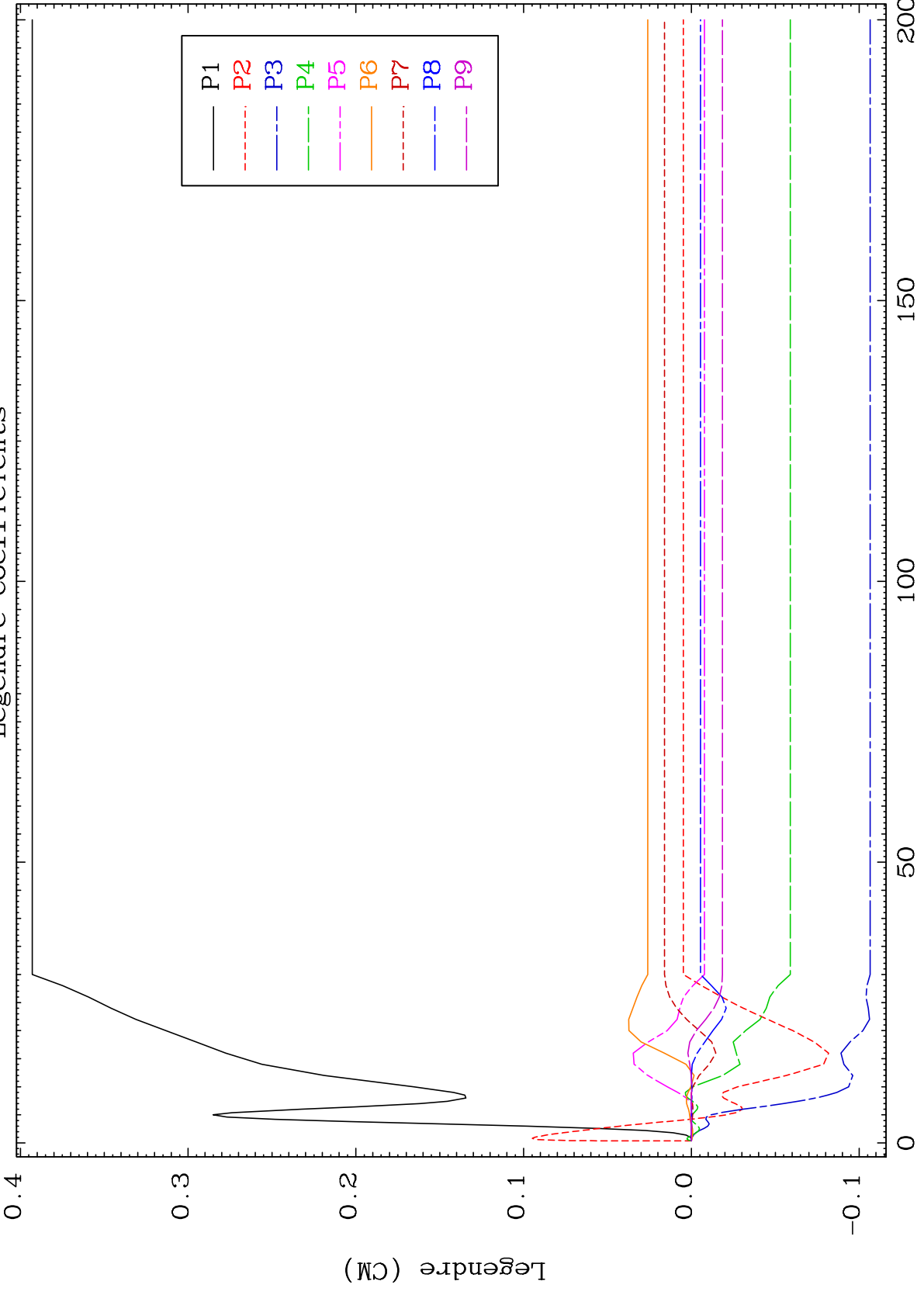
107

77-Ir-178

MAT 7686

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

77-Ir-178



108

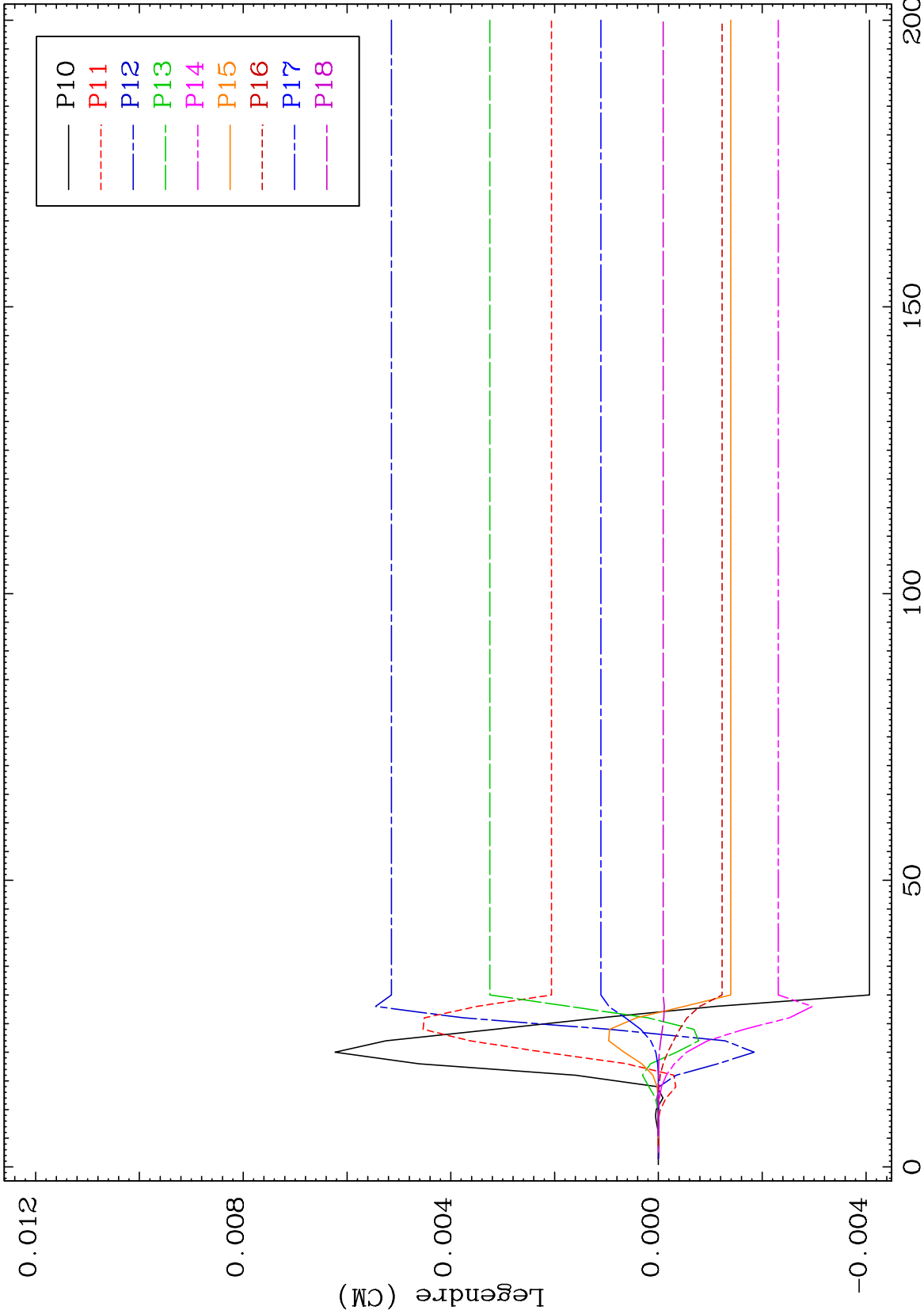
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



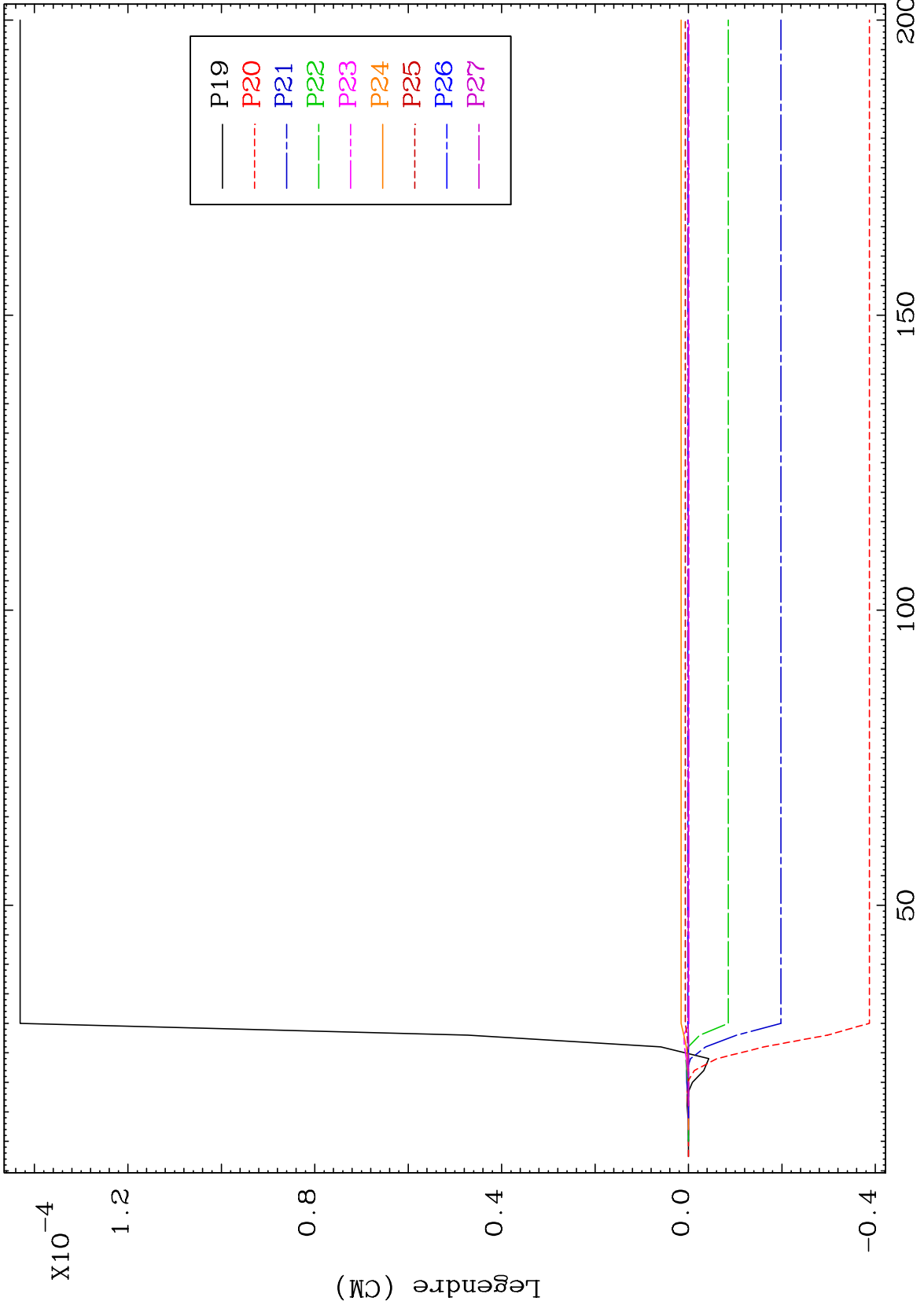
109

77-Ir-178

MAT 7686

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

77-Ir-178



110

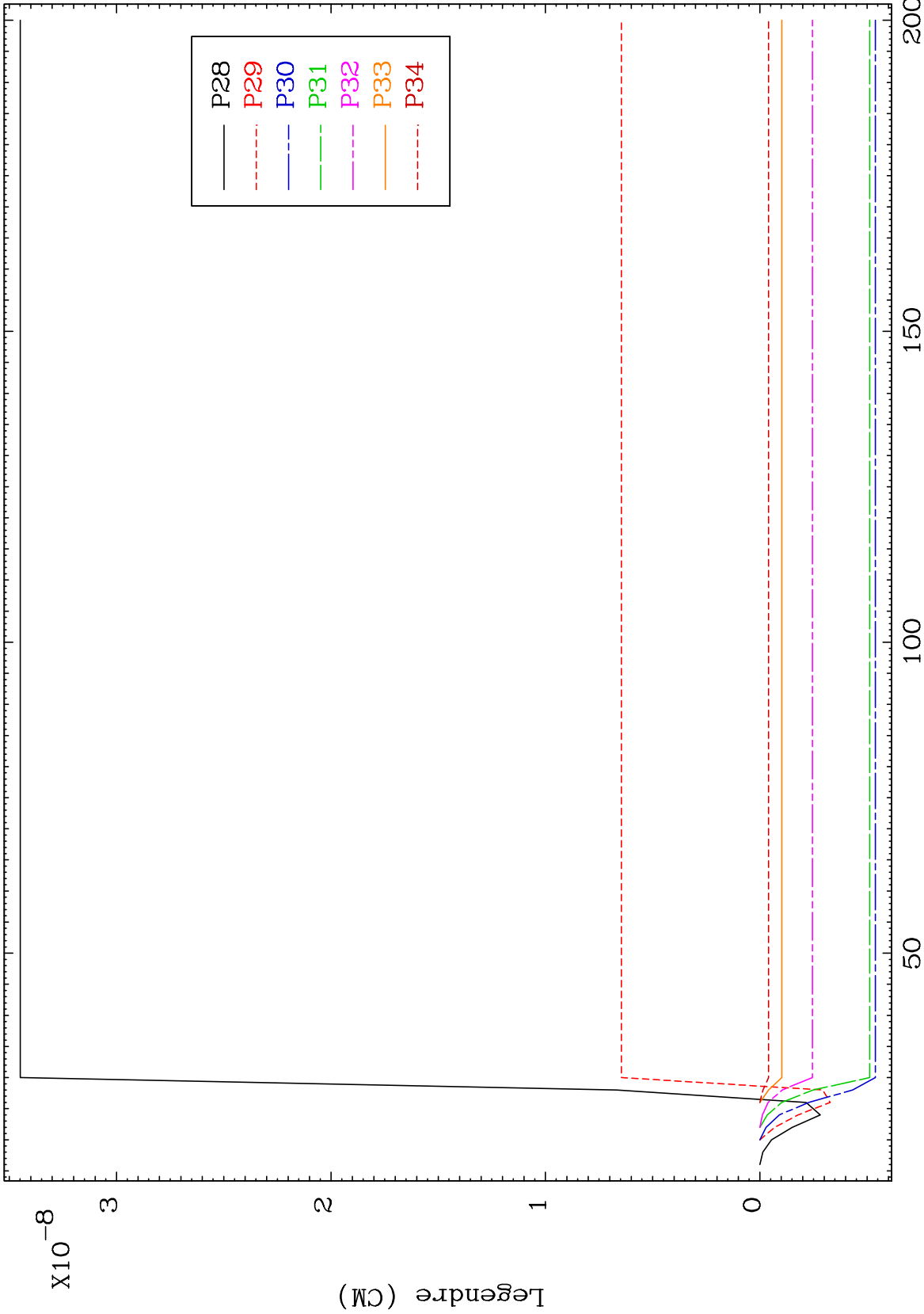
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



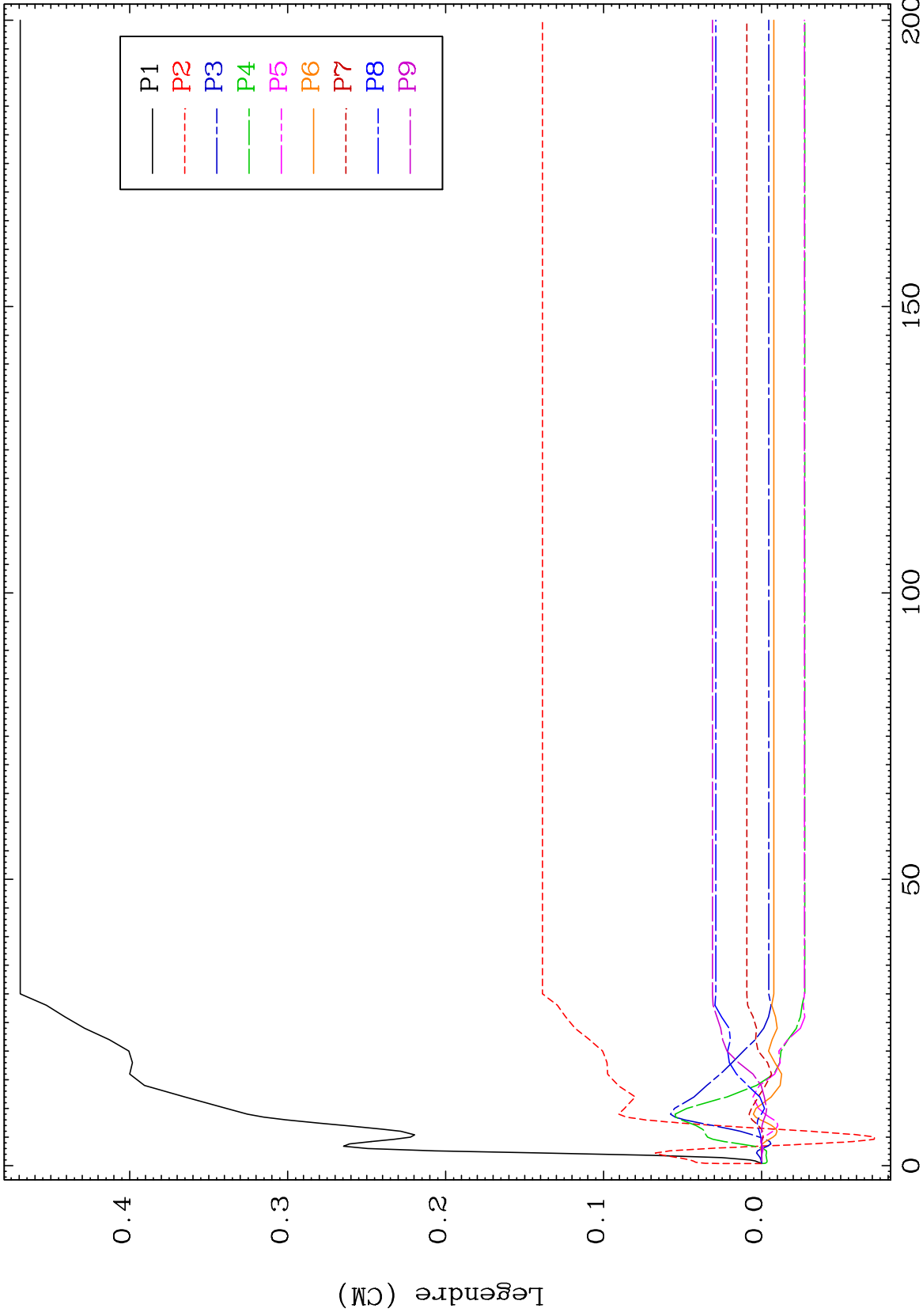
111

77-Ir-178

MAT 7686

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

77-Ir-178



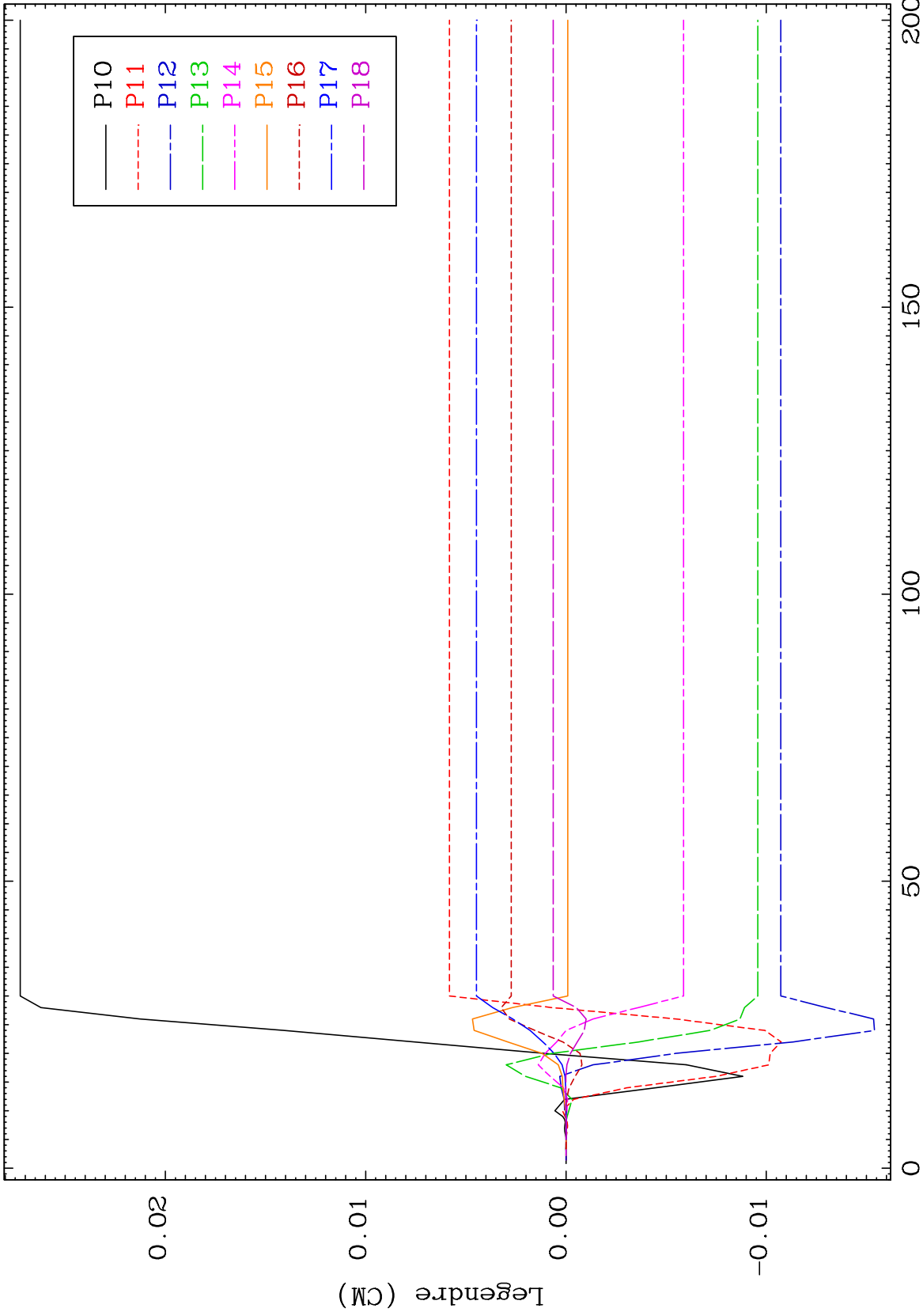
112

77-Ir-178

MAT 7686

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

77-Ir-178



113

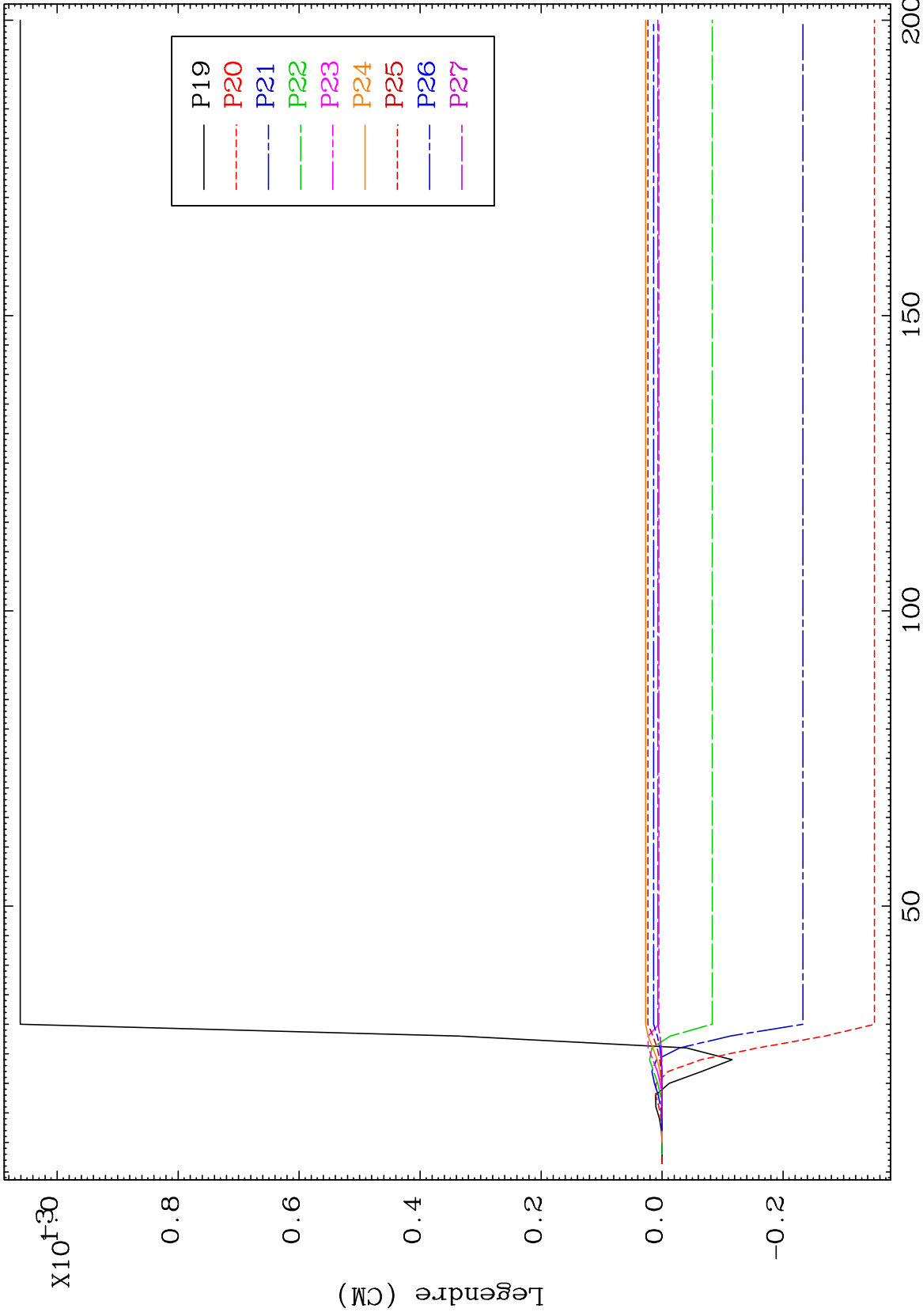
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



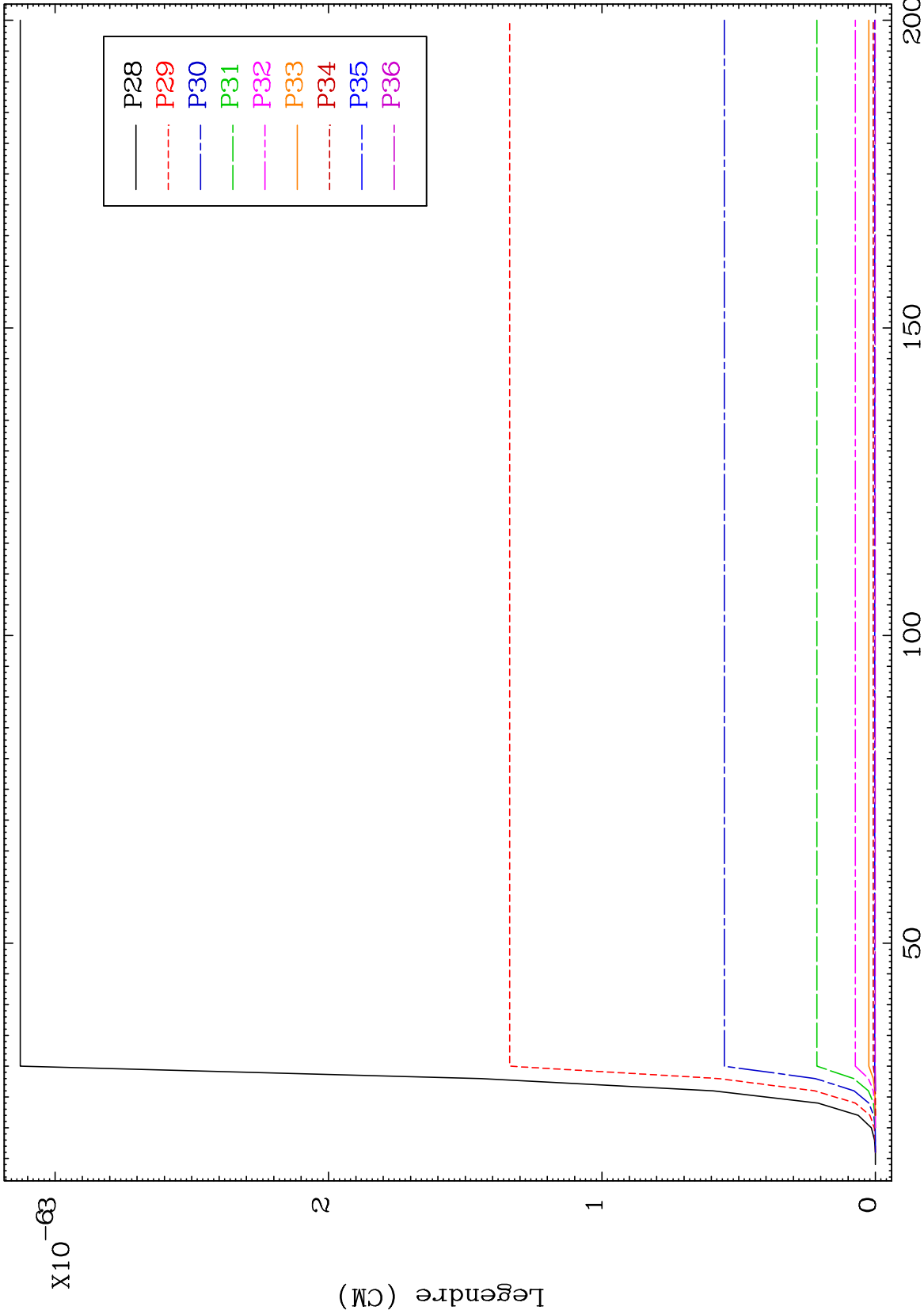
114

77-Ir-178

MAT 7686

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

77-Ir-178



115

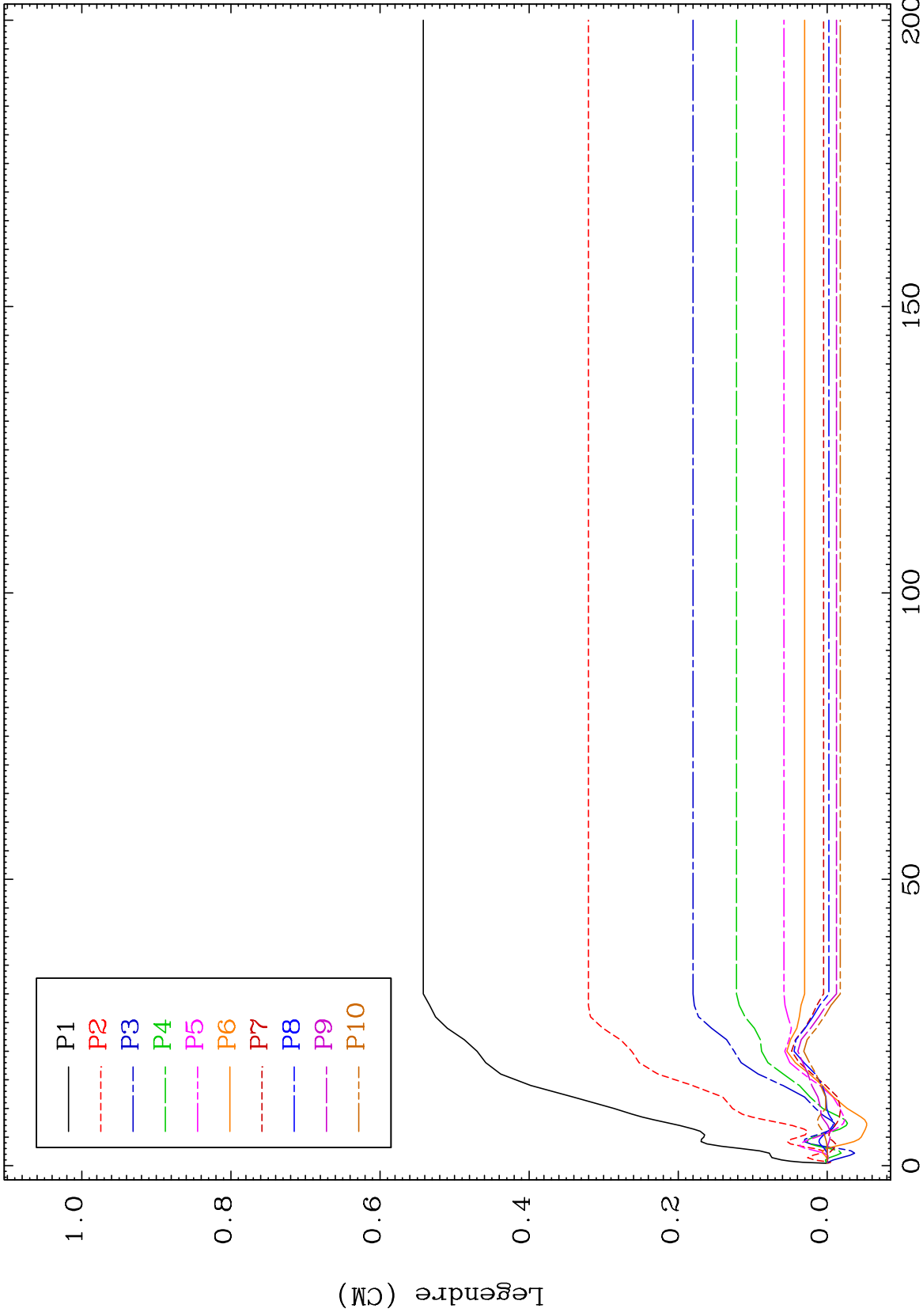
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



116

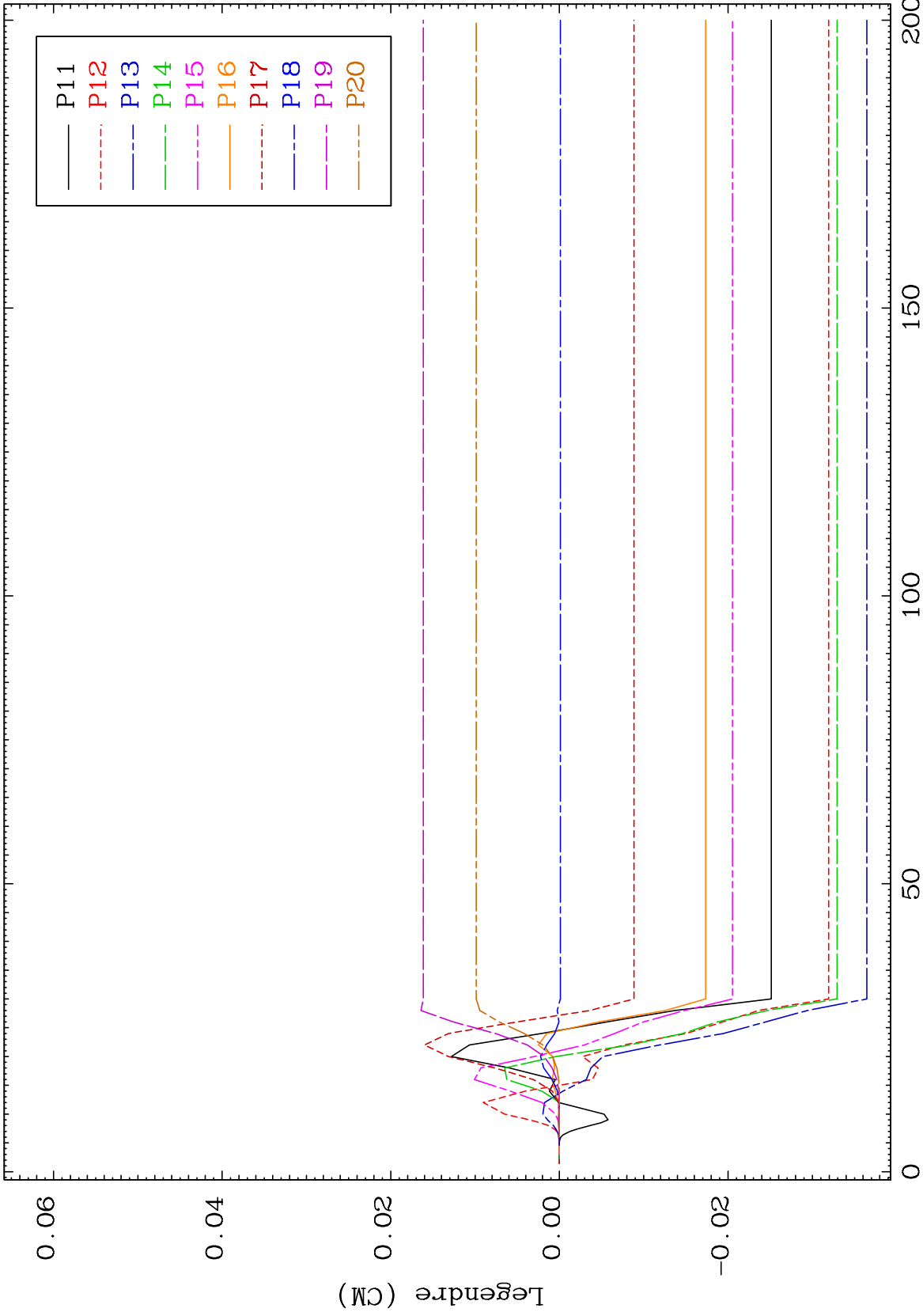
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

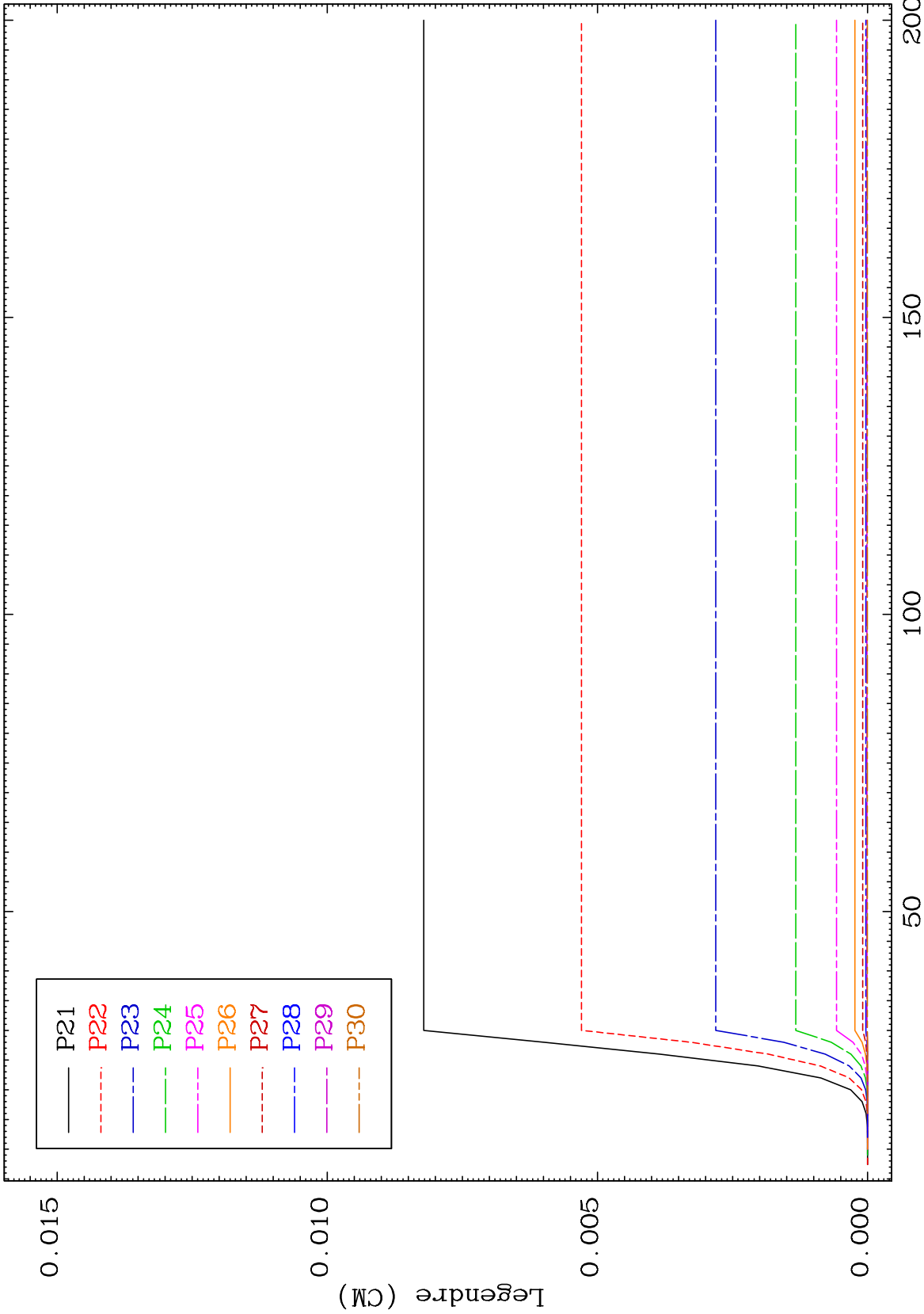
77-Ir-178



117

Incident Energy (MeV)

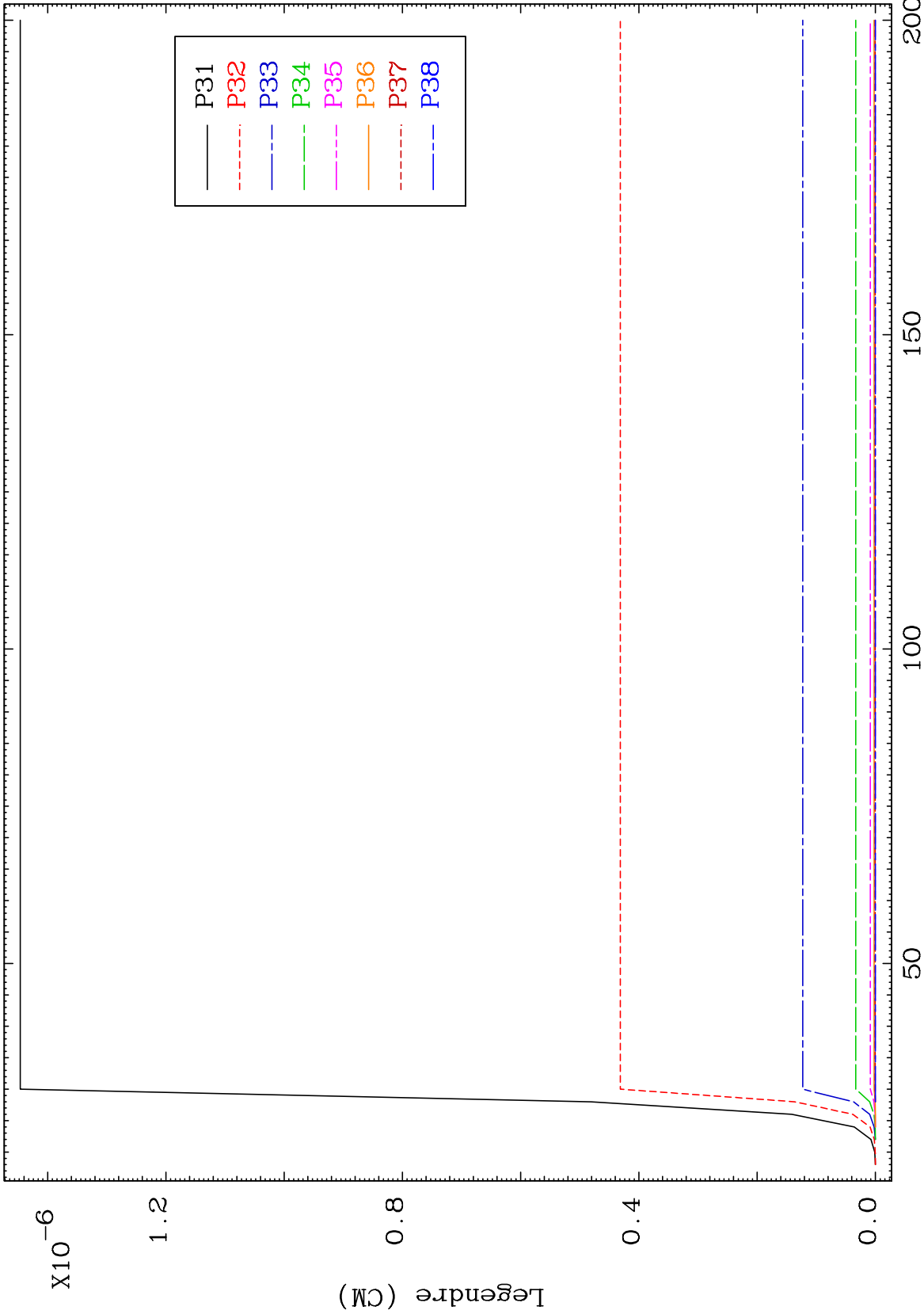
77-Ir-178



MAT 7686

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

77-Ir-178



119

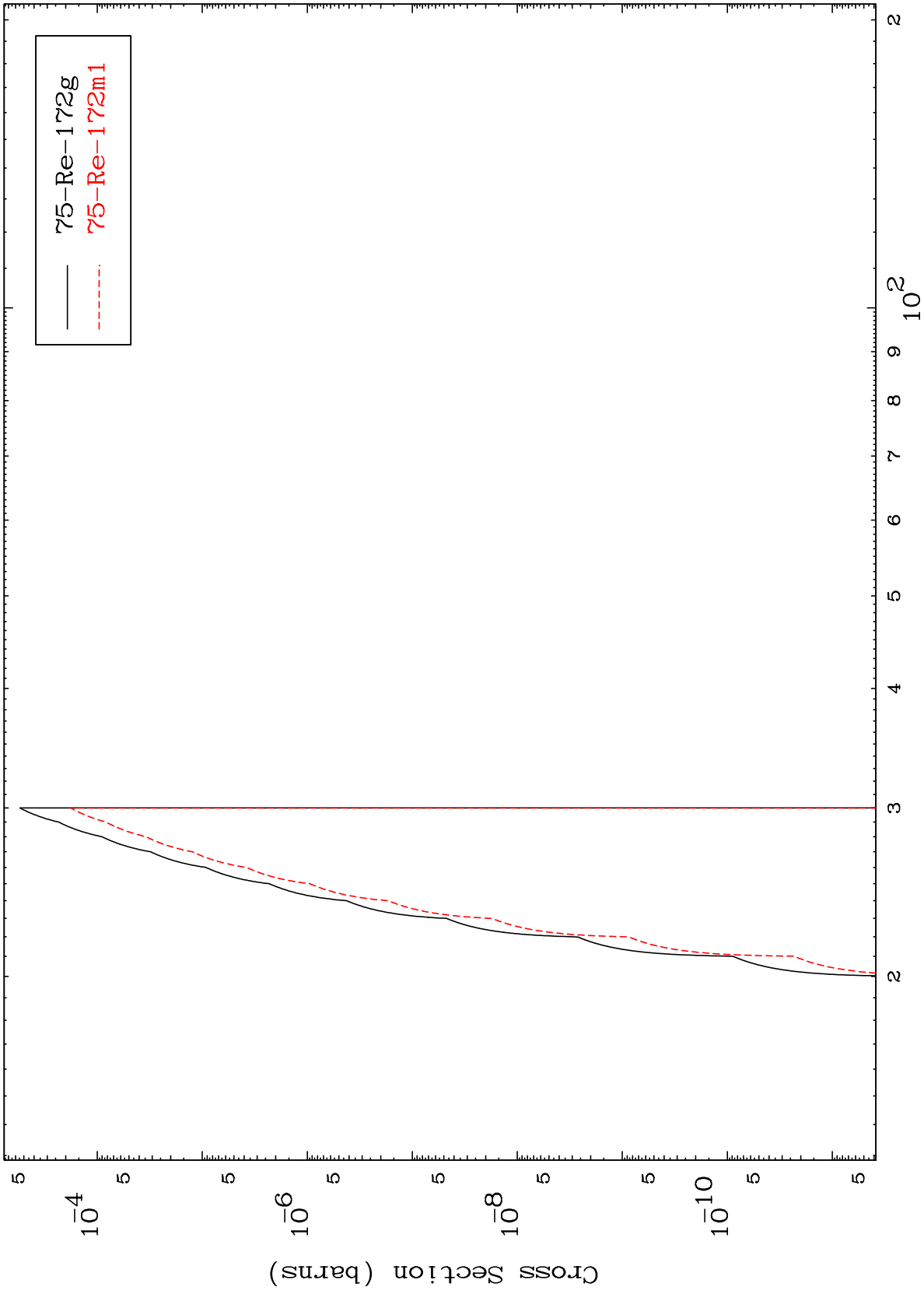
77-Ir-178

MAT 7686

(n,3n) α

⁷⁷Ir-178

Radionuclide Production Cross Section



120

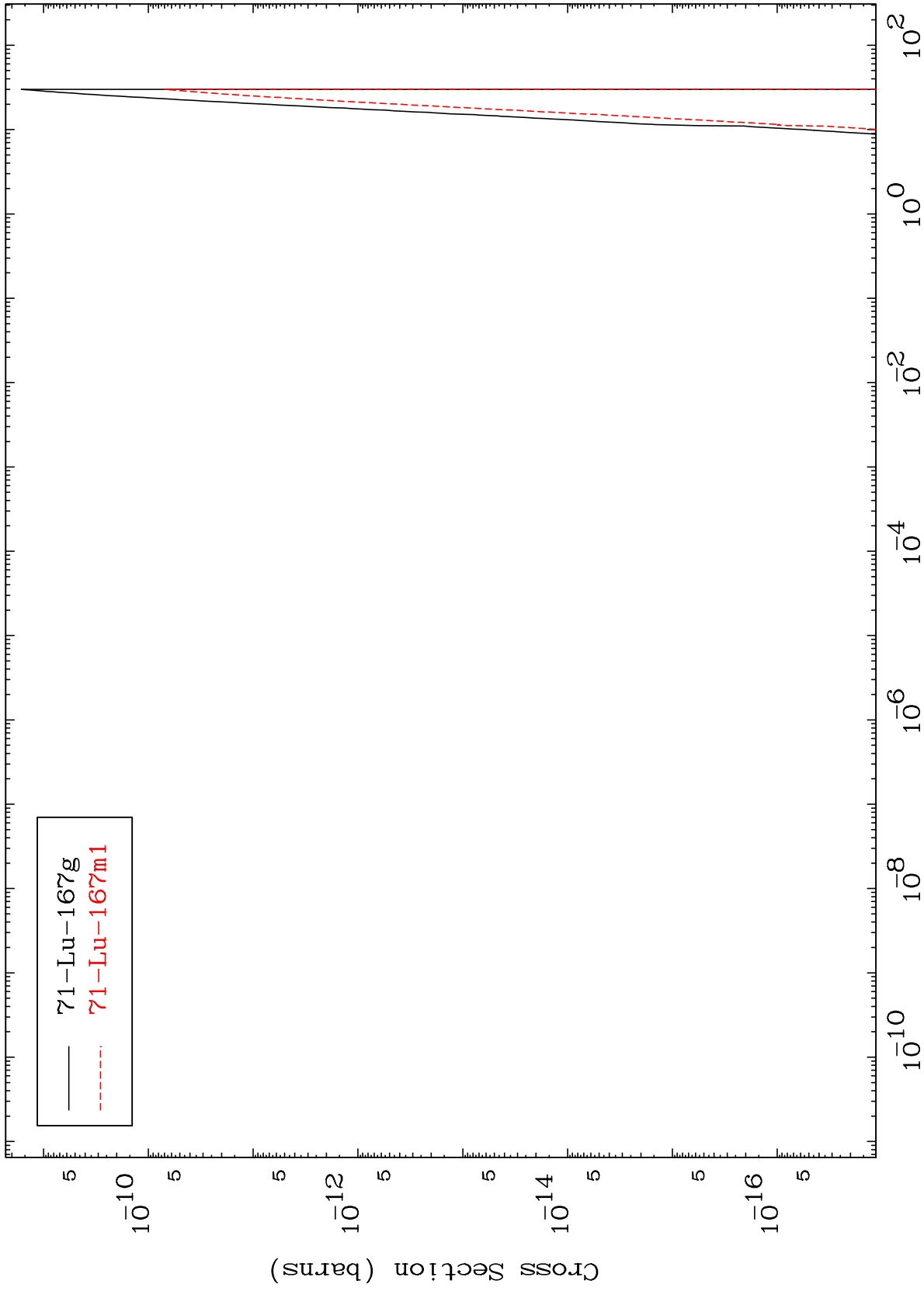
⁷⁷Ir-178

MAT 7686

(n,3α)

⁷⁷Ir-178

Radionuclide Production Cross Section



121

Incident Energy (MeV)

⁷⁷Ir-178