

Program EVALPLOT
(Version 2018-1)

by

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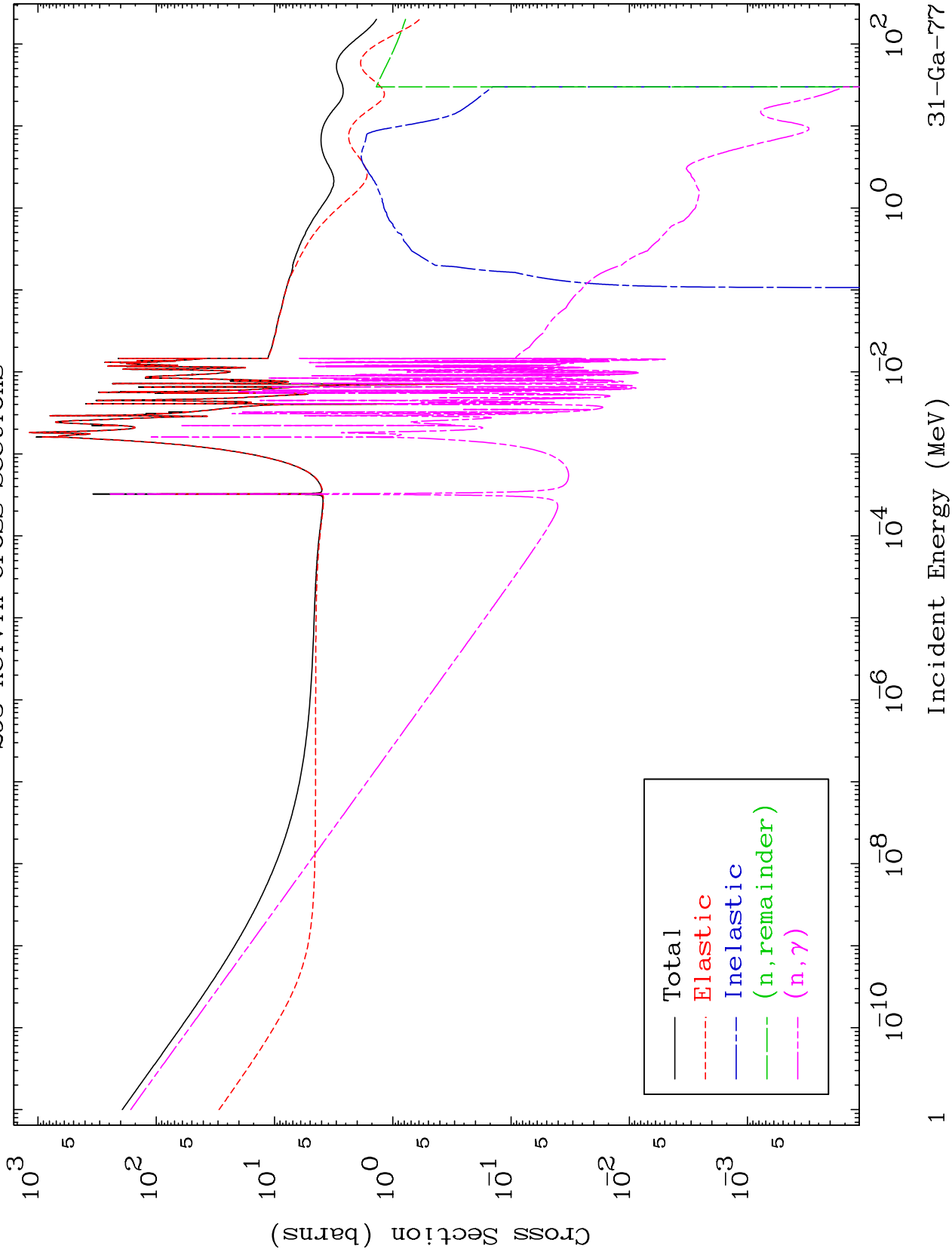
Press Mouse Button to Start

MAT 3149

Major

293 Kelvin Cross Sections

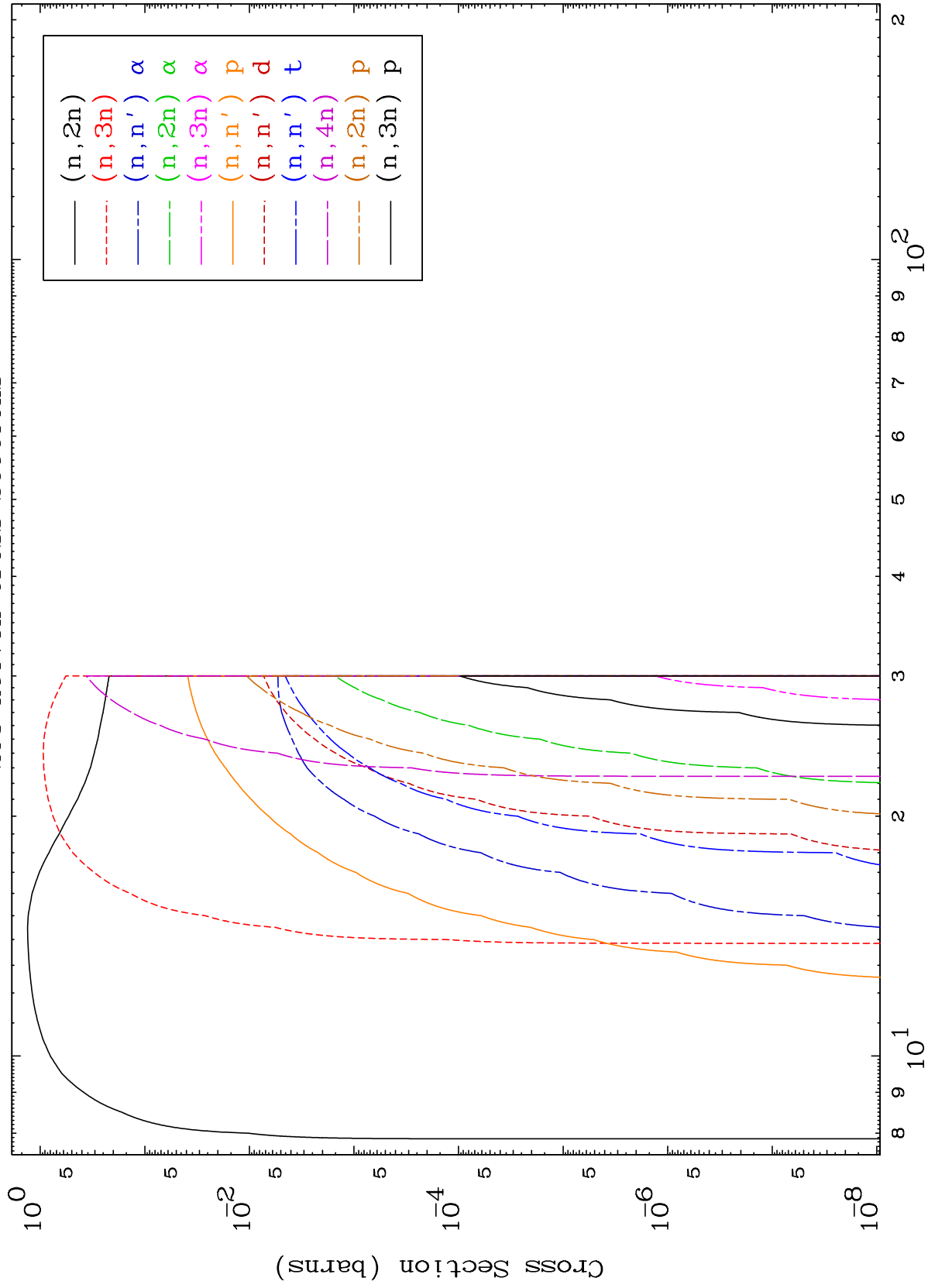
31-Ga-77



MAT 3149

Neutron Production
293 Kelvin Cross Sections

31-Ga-77



2

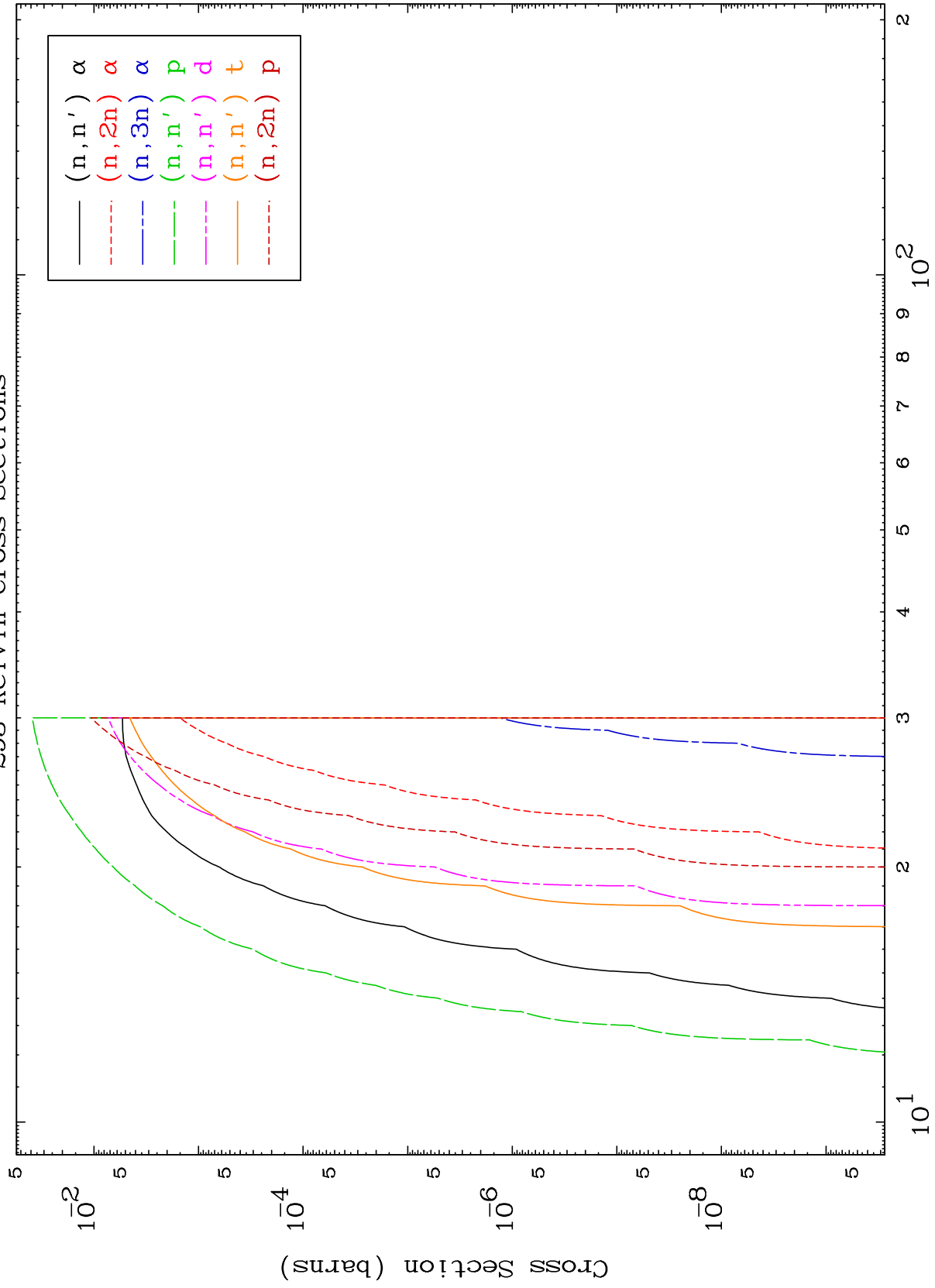
Incident Energy (MeV)

31-Ga-77

MAT 3149

Charged Particle
293 Kelvin Cross Sections

31-Ga-77



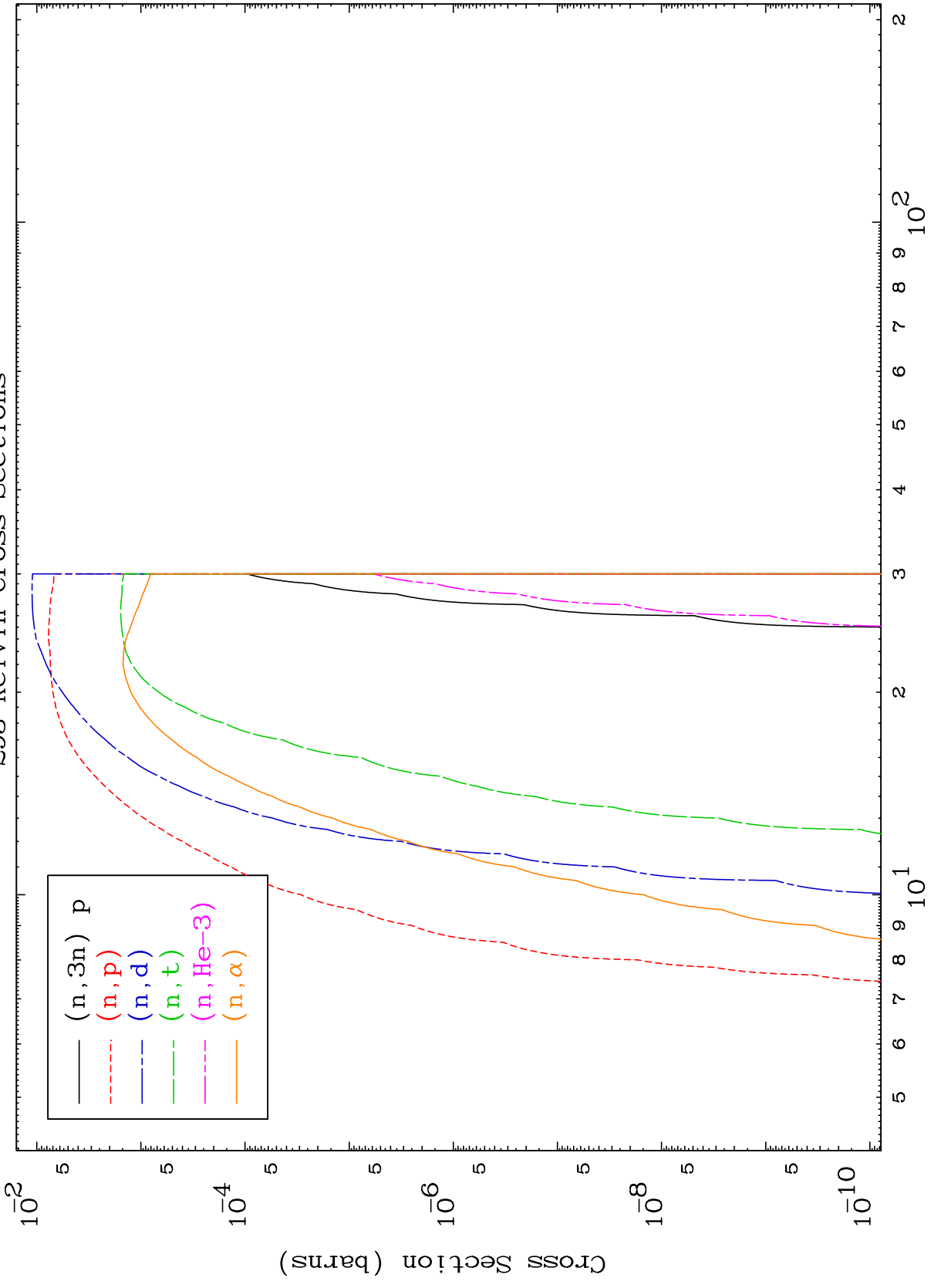
Incident Energy (MeV)

31-Ga-77

MAT 3149

Charged Particle
293 Kelvin Cross Sections

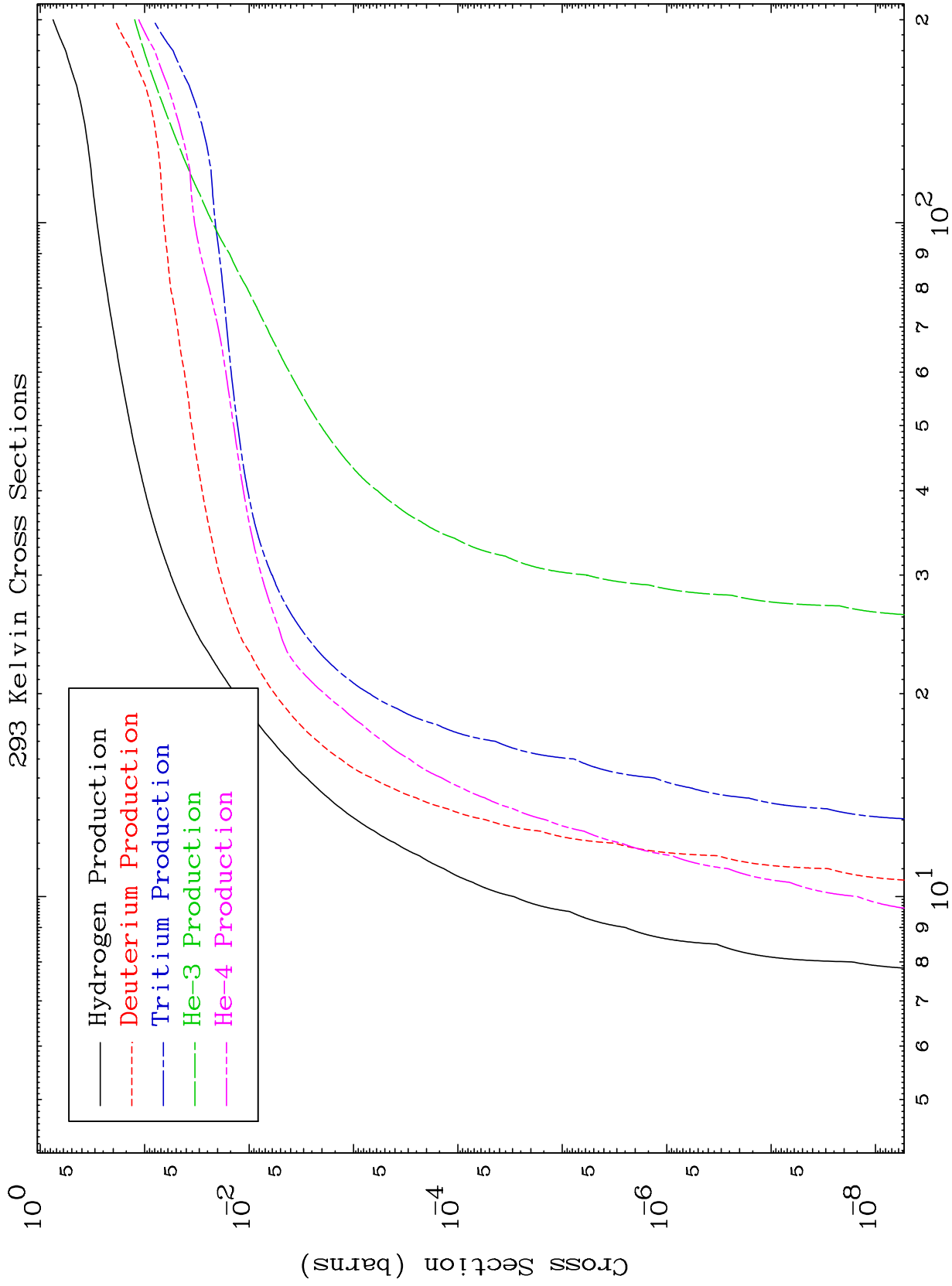
31-Ga-77



MAT 3149

Particle Production
293 Kelvin Cross Sections

31-Ga-77



5

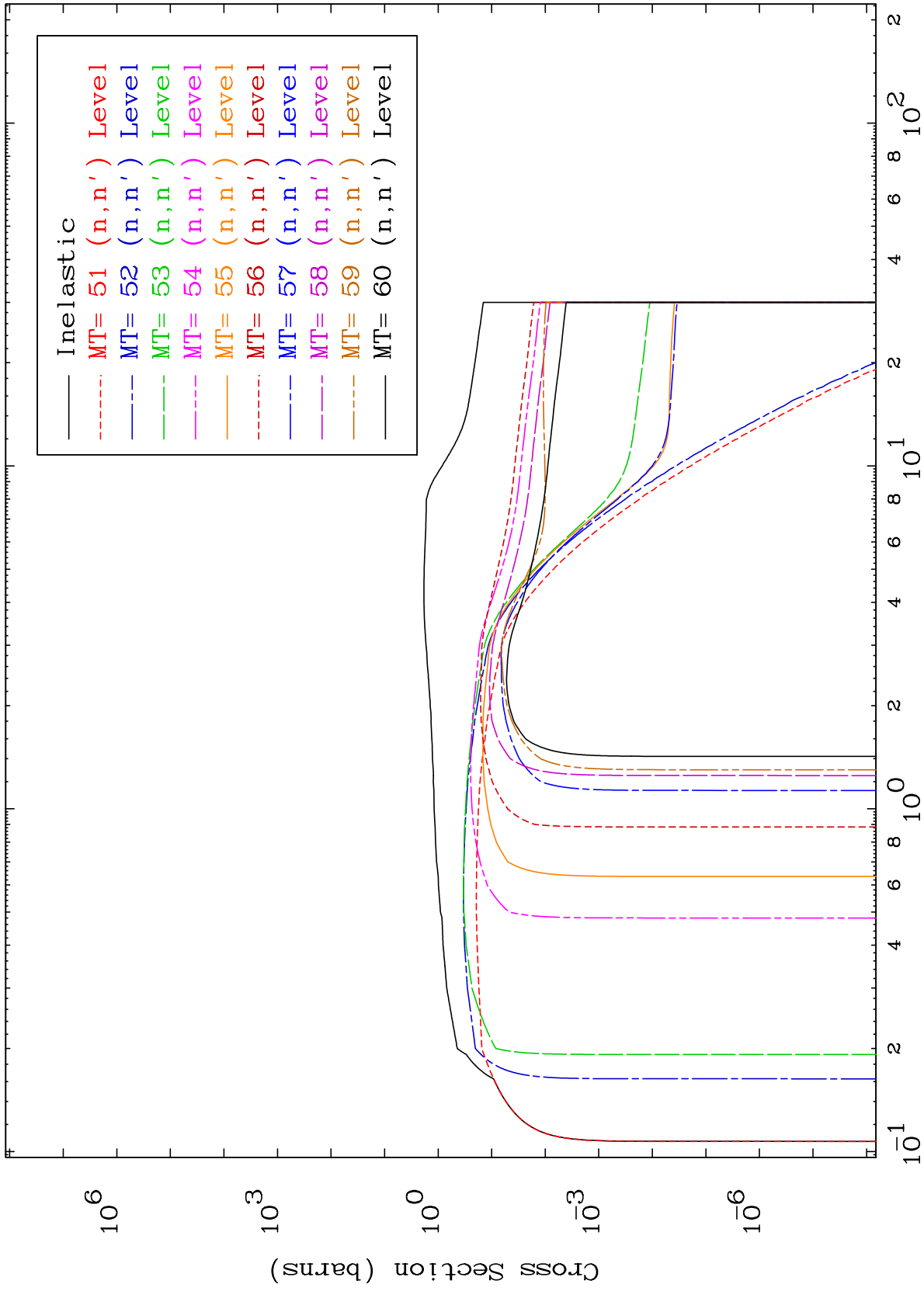
Incident Energy (MeV)

31-Ga-77

MAT 3149

(n,n') Level
293 Kelvin Cross Sections

31-Ga-77



6

Incident Energy (MeV)

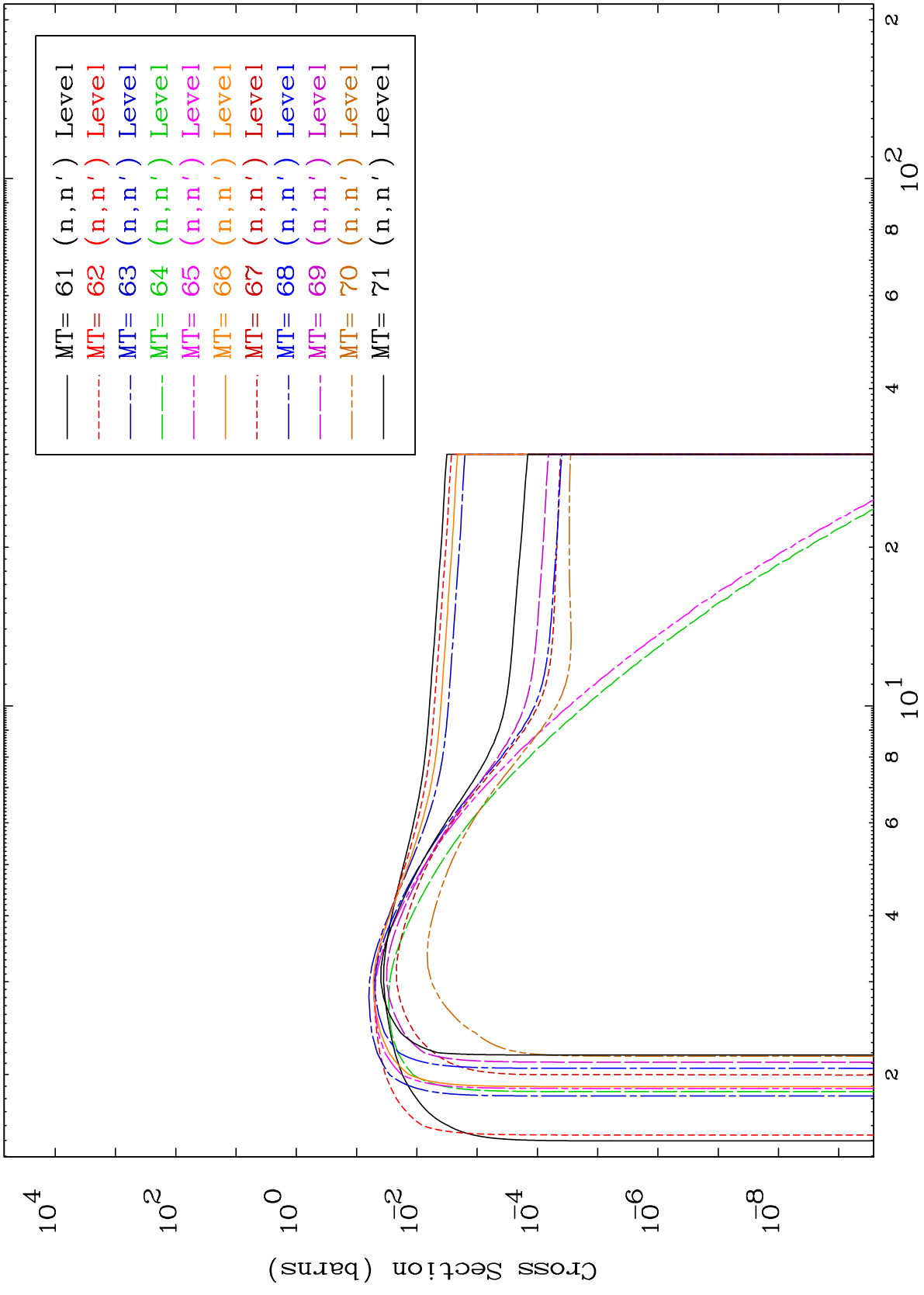
31-Ga-77

MAT 3149

(n,n') Level

31-Ga-77

293 Kelvin Cross Sections



7

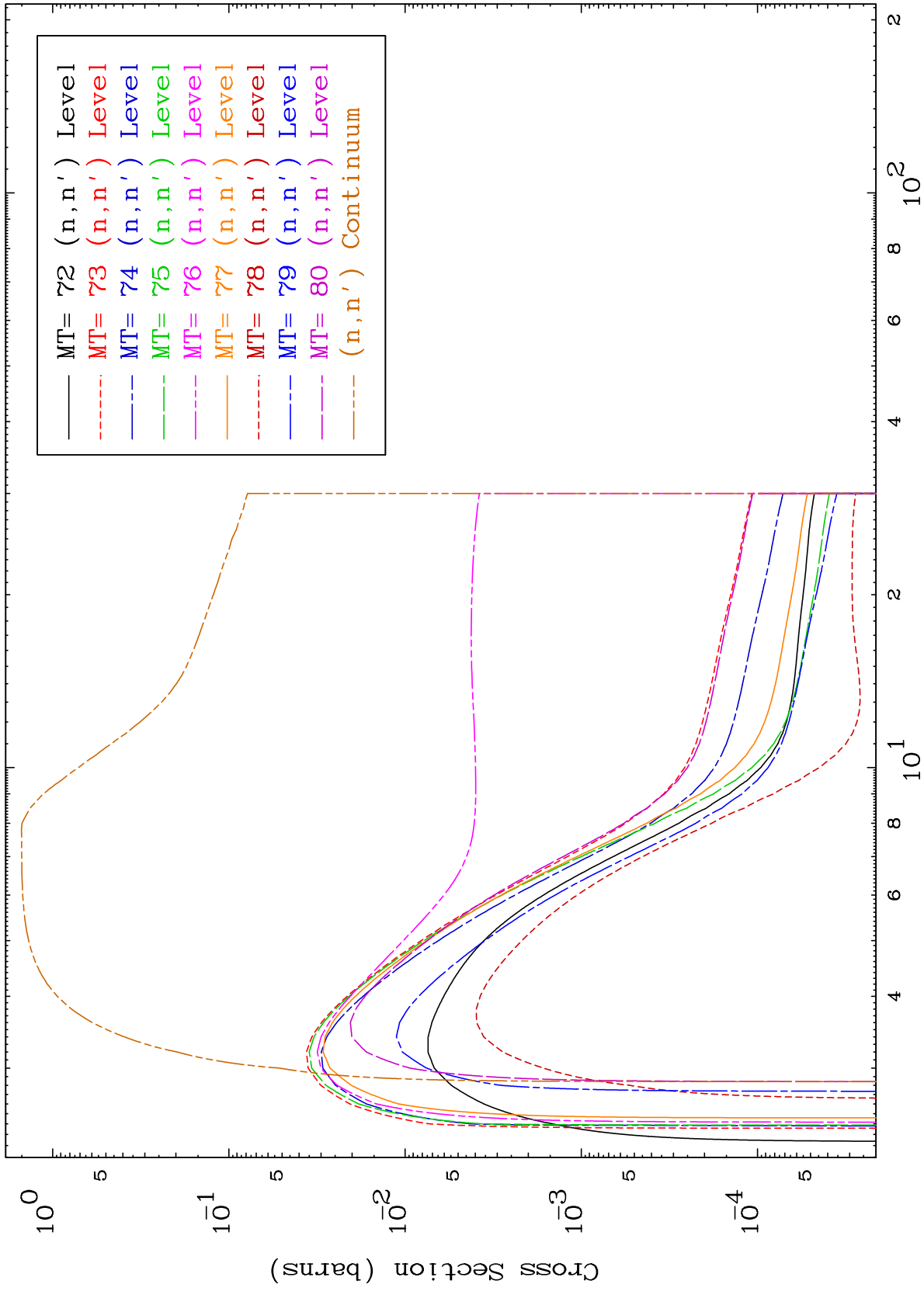
Incident Energy (MeV)

31-Ga-77

MAT 3149

(n,n') Level
293 Kelvin Cross Sections

31-Ga-77



8

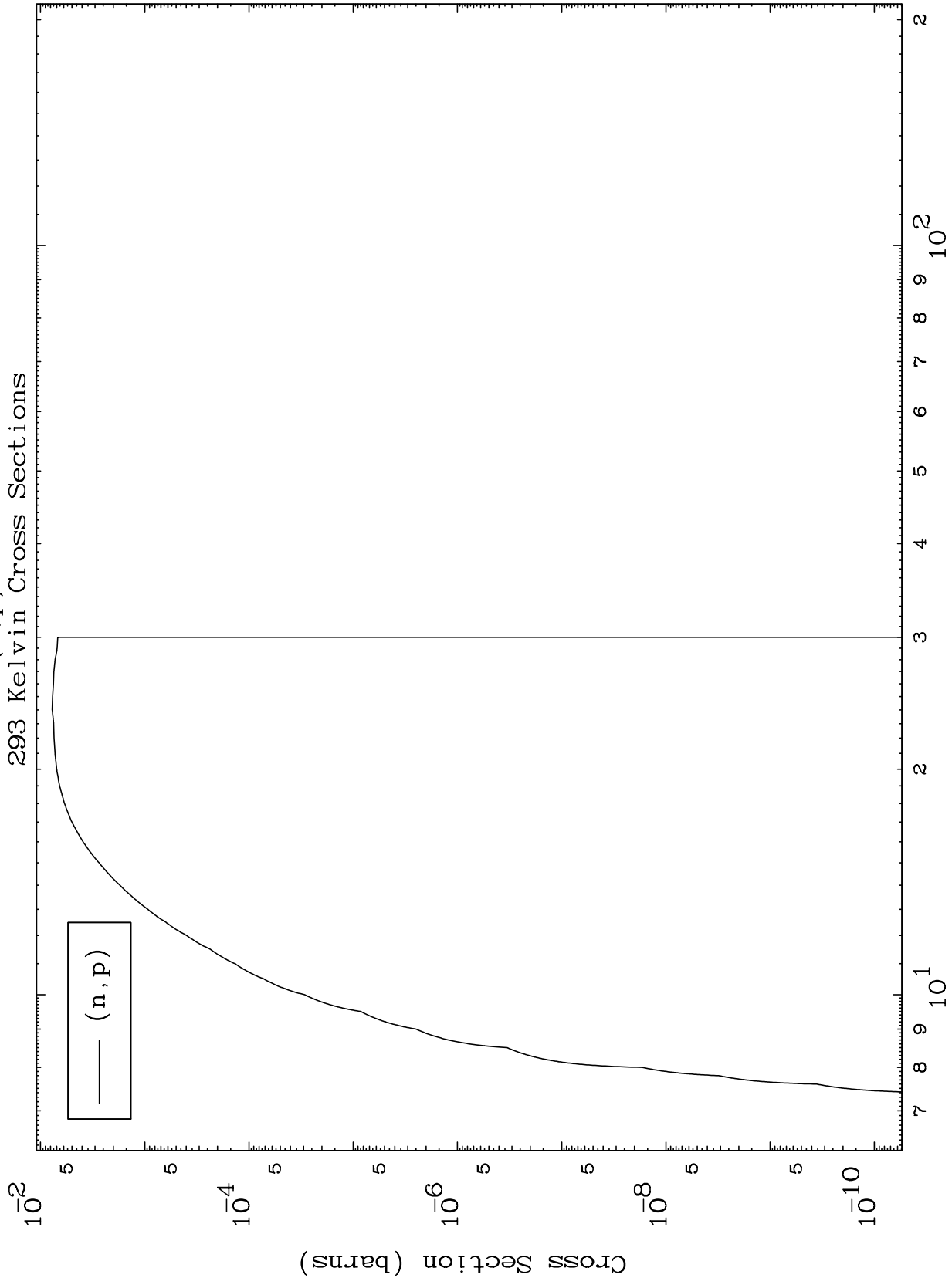
Incident Energy (MeV)

31-Ga-77

MAT 3149

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-77



9

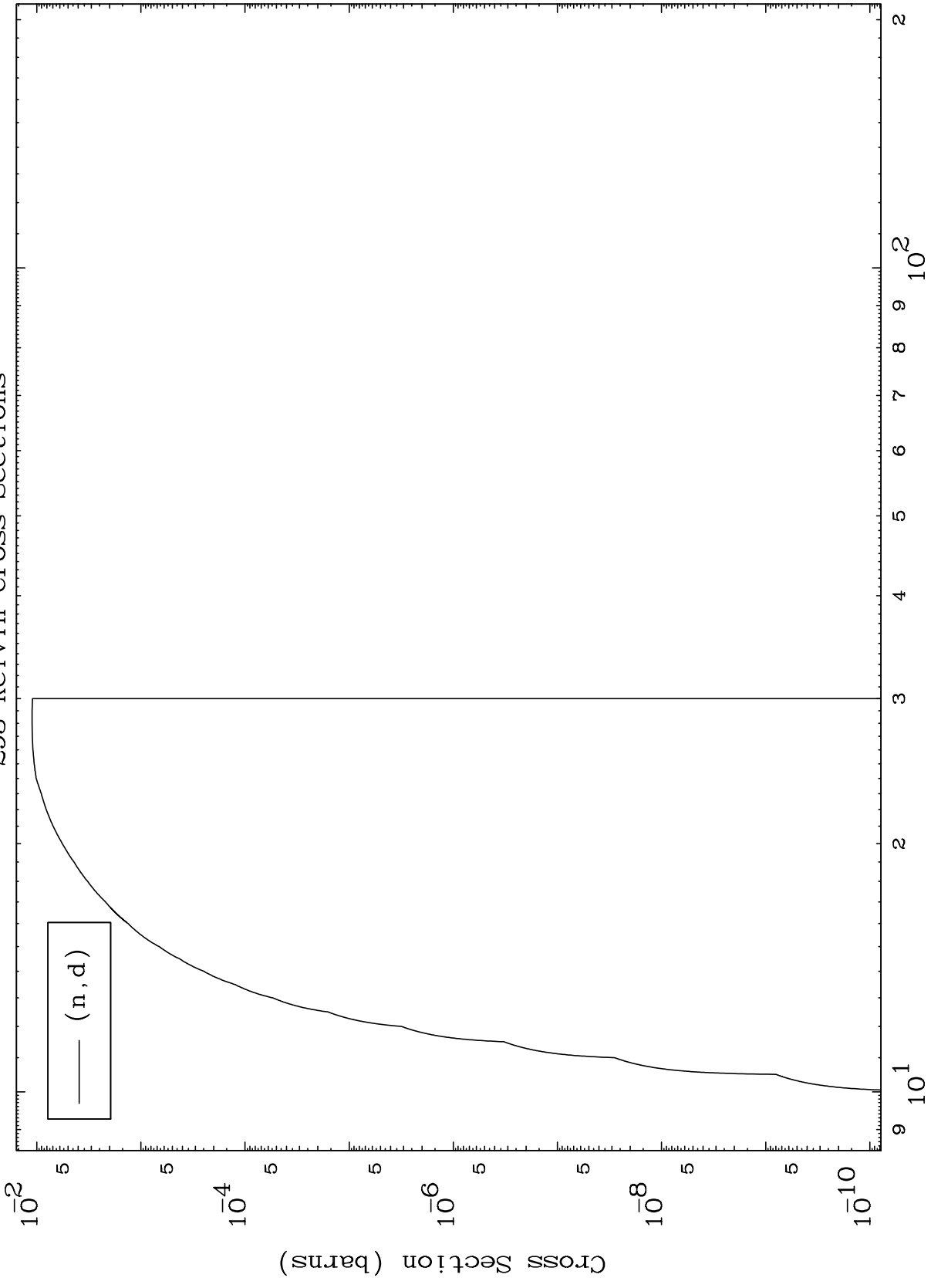
Incident Energy (MeV)

31-Ga-77

MAT 3149

(n,d) Levels
293 Kelvin Cross Sections

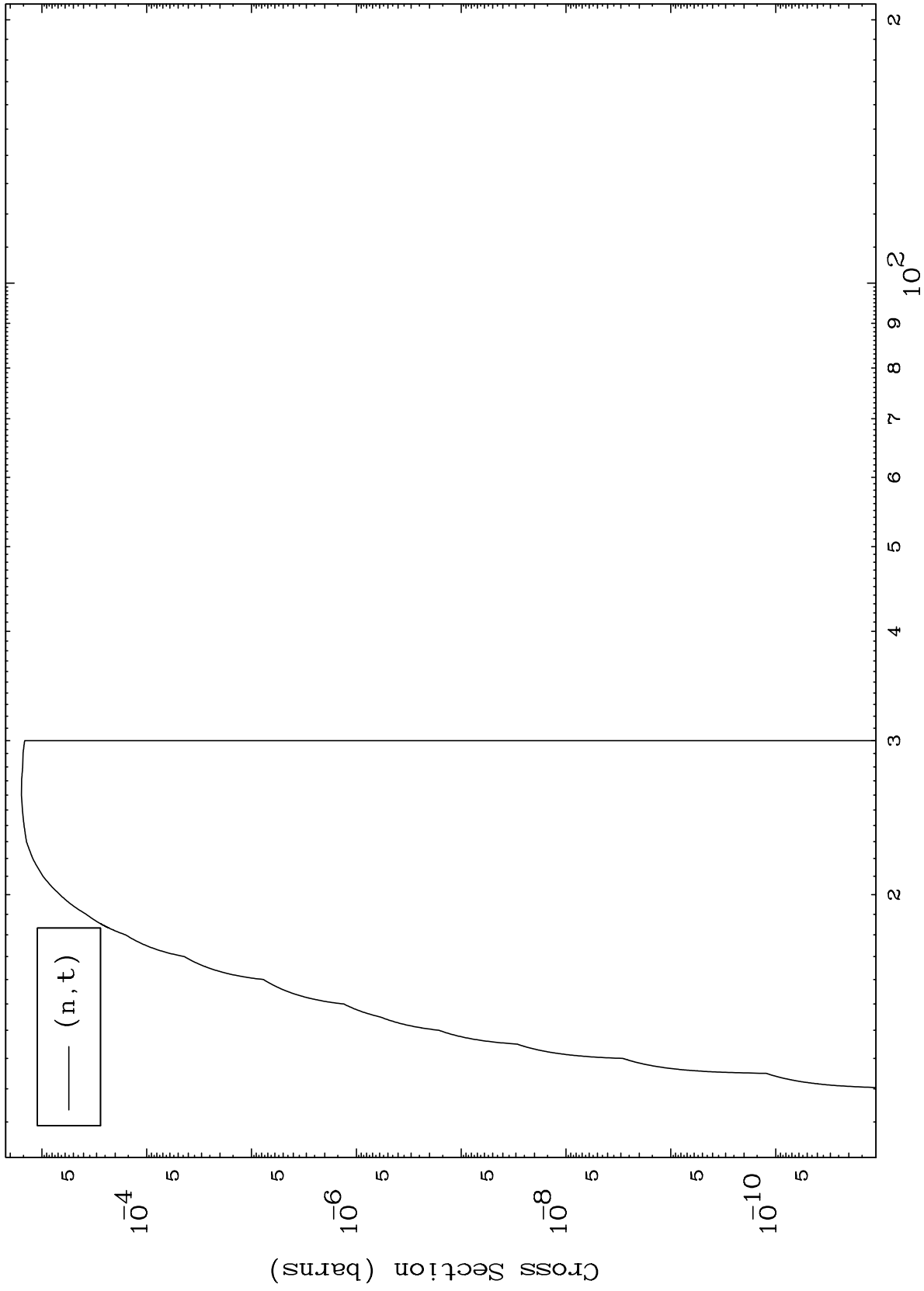
31-Ga-77



10

Incident Energy (MeV)

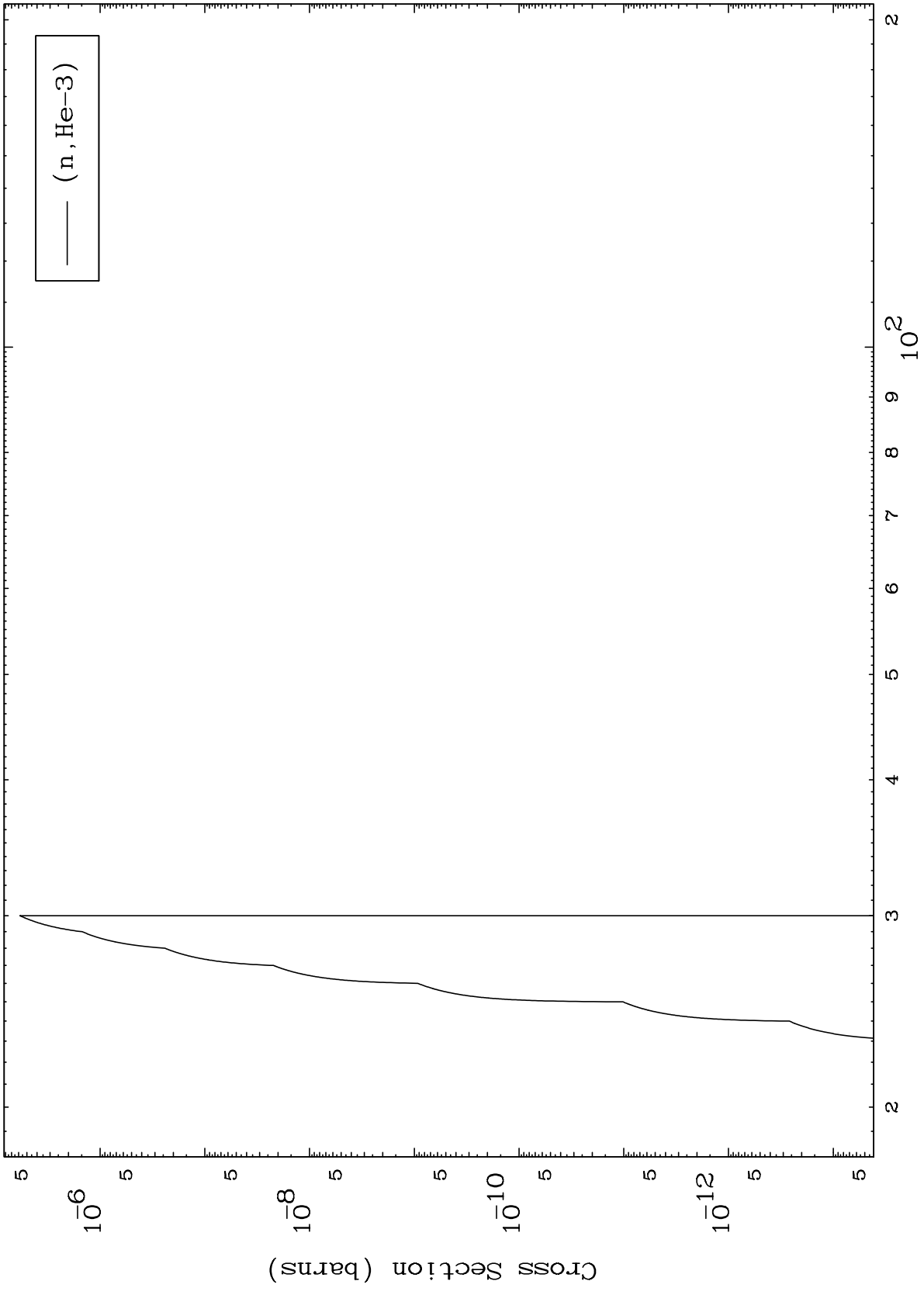
31-Ga-77



MAT 3149

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-77



12

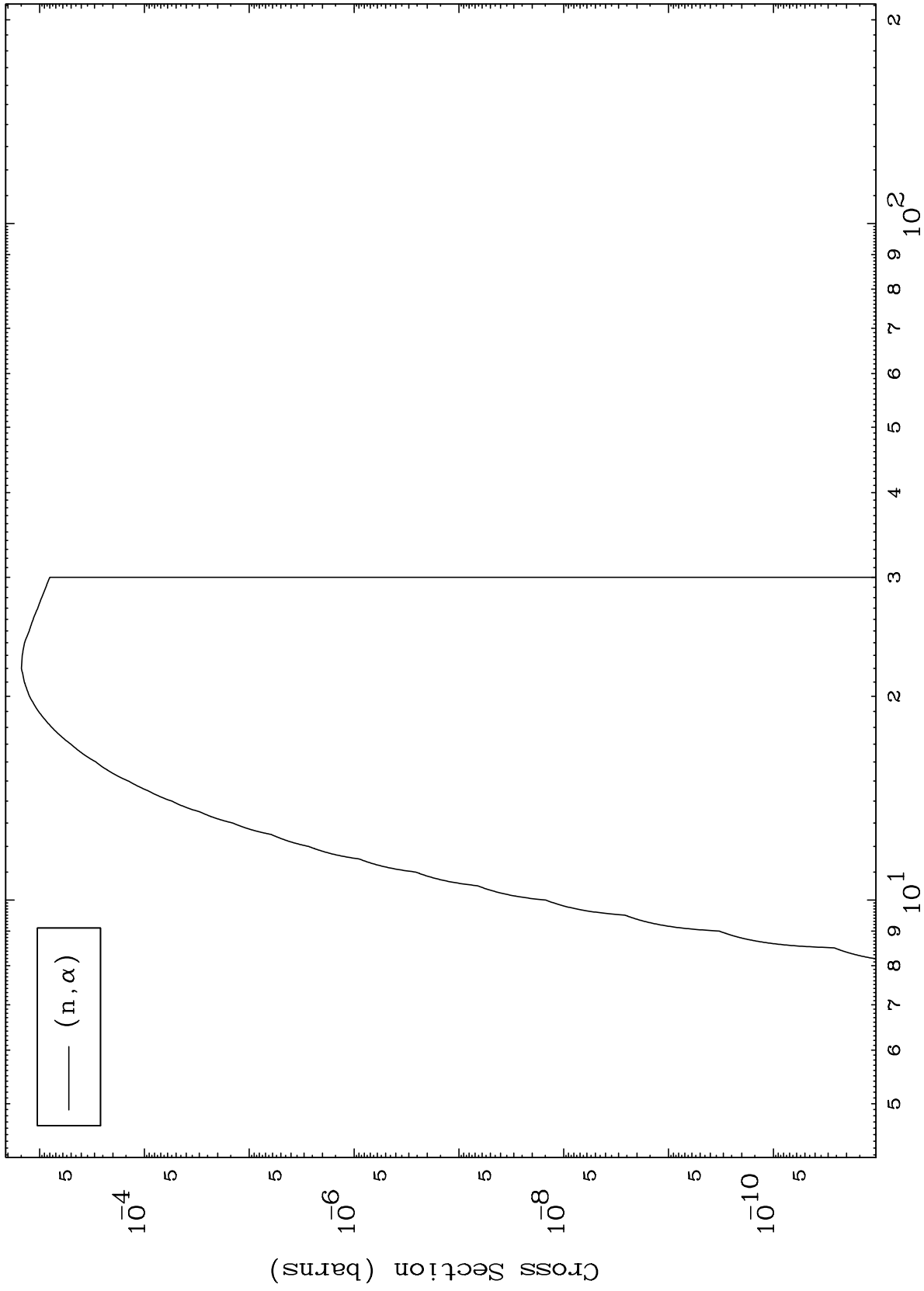
Incident Energy (MeV)

31-Ga-77

MAT 3149

31-Ga-77

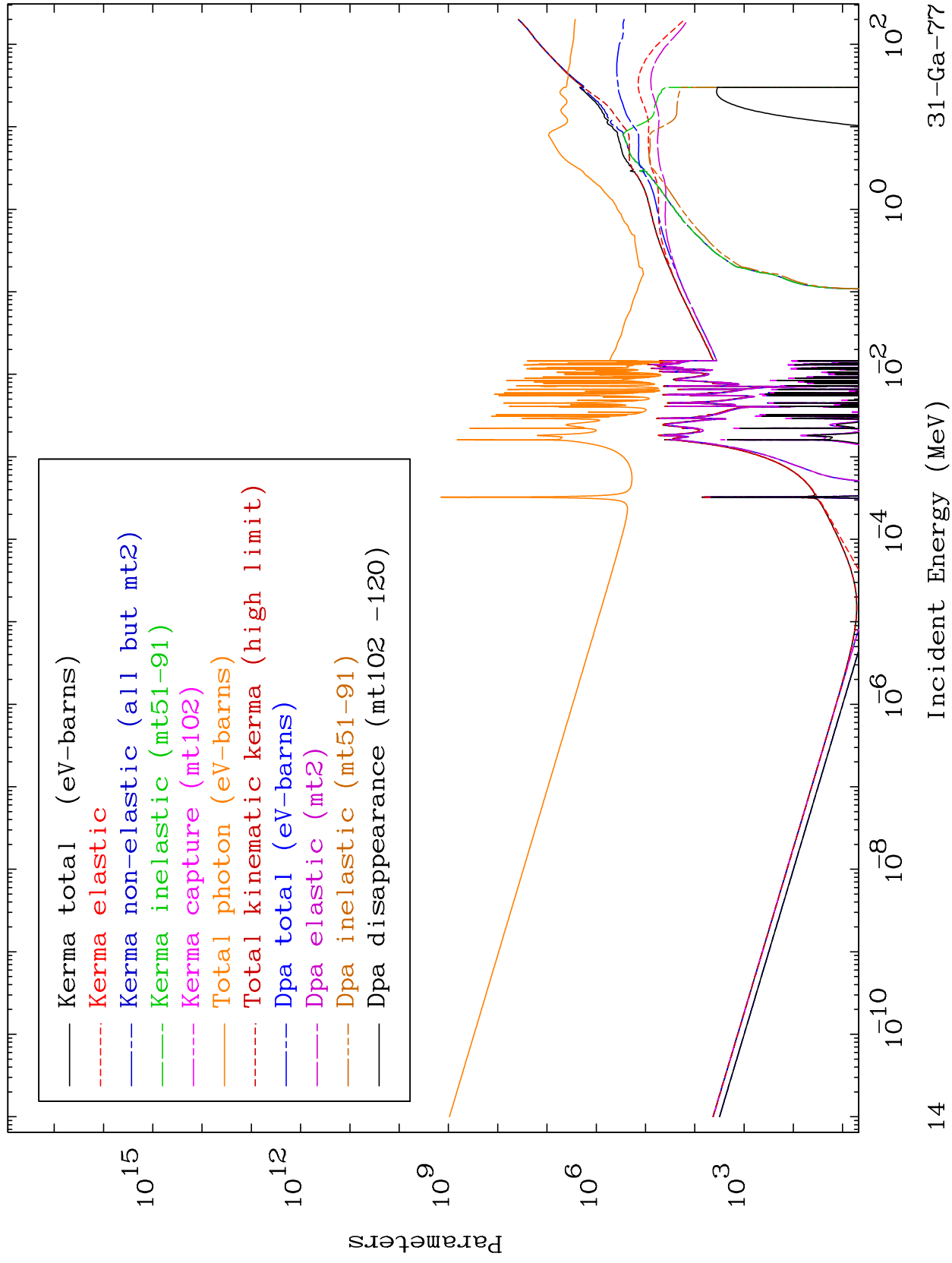
(n,α) Levels
293 Kelvin Cross Sections



13

Incident Energy (MeV)

31-Ga-77



MAT 3149

Elastic Legendre Coefficients

31-Ga-77



15

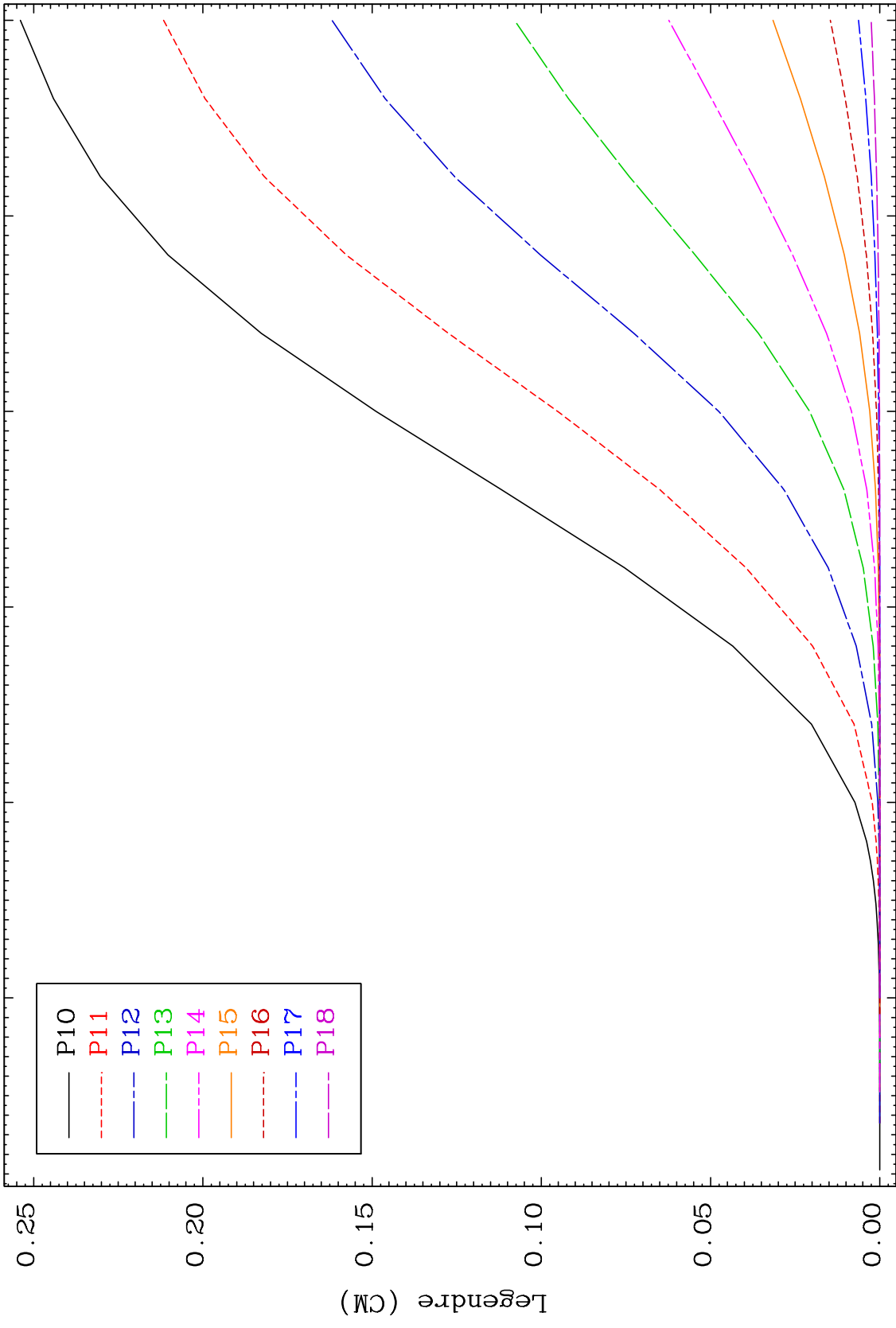
Incident Energy (MeV)

31-Ga-77

MAT 3149

Elastic Legendre Coefficients

31-Ga-77



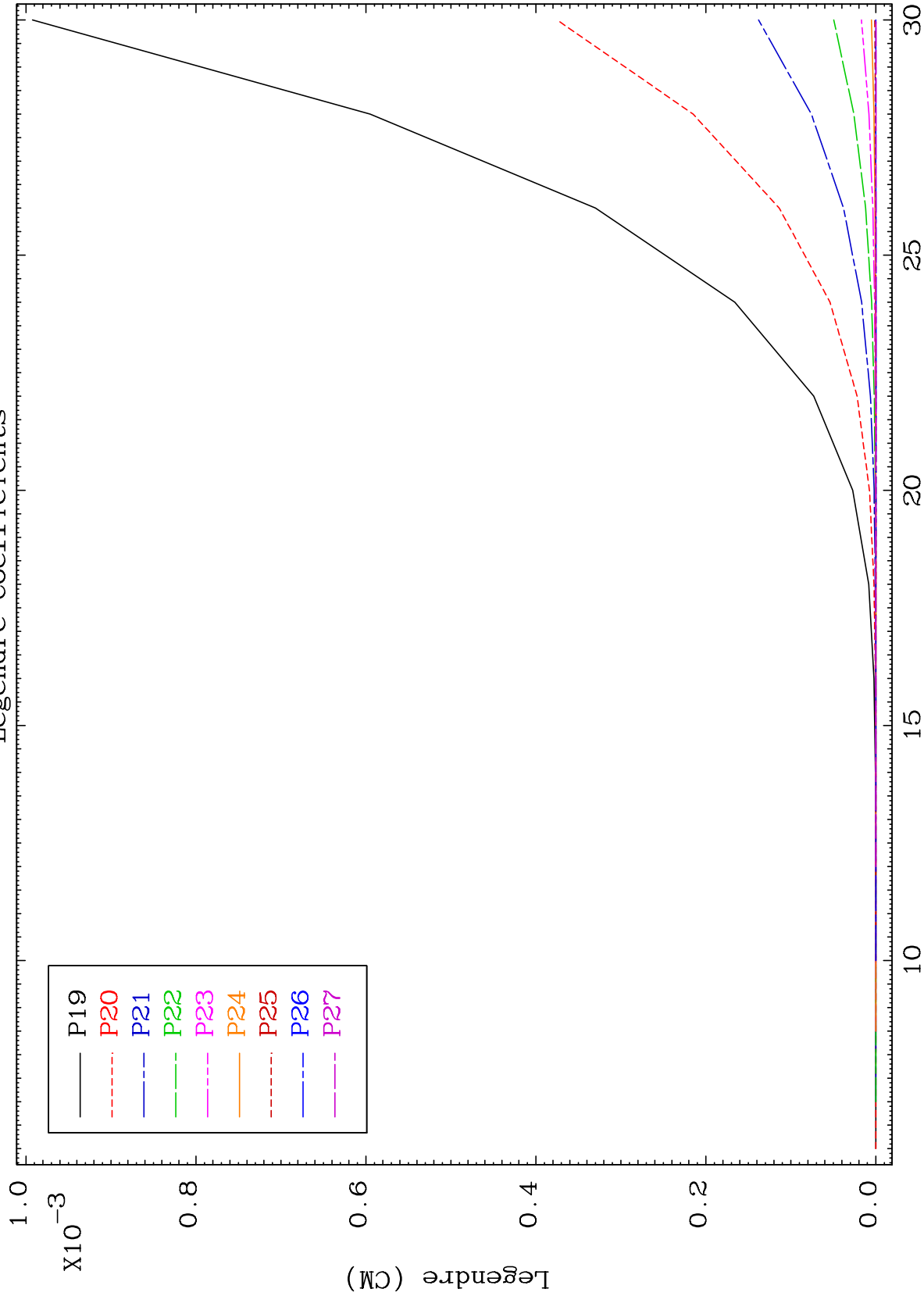
16

31-Ga-77

MAT 3149

Elastic Legendre Coefficients

31-Ga-77



17

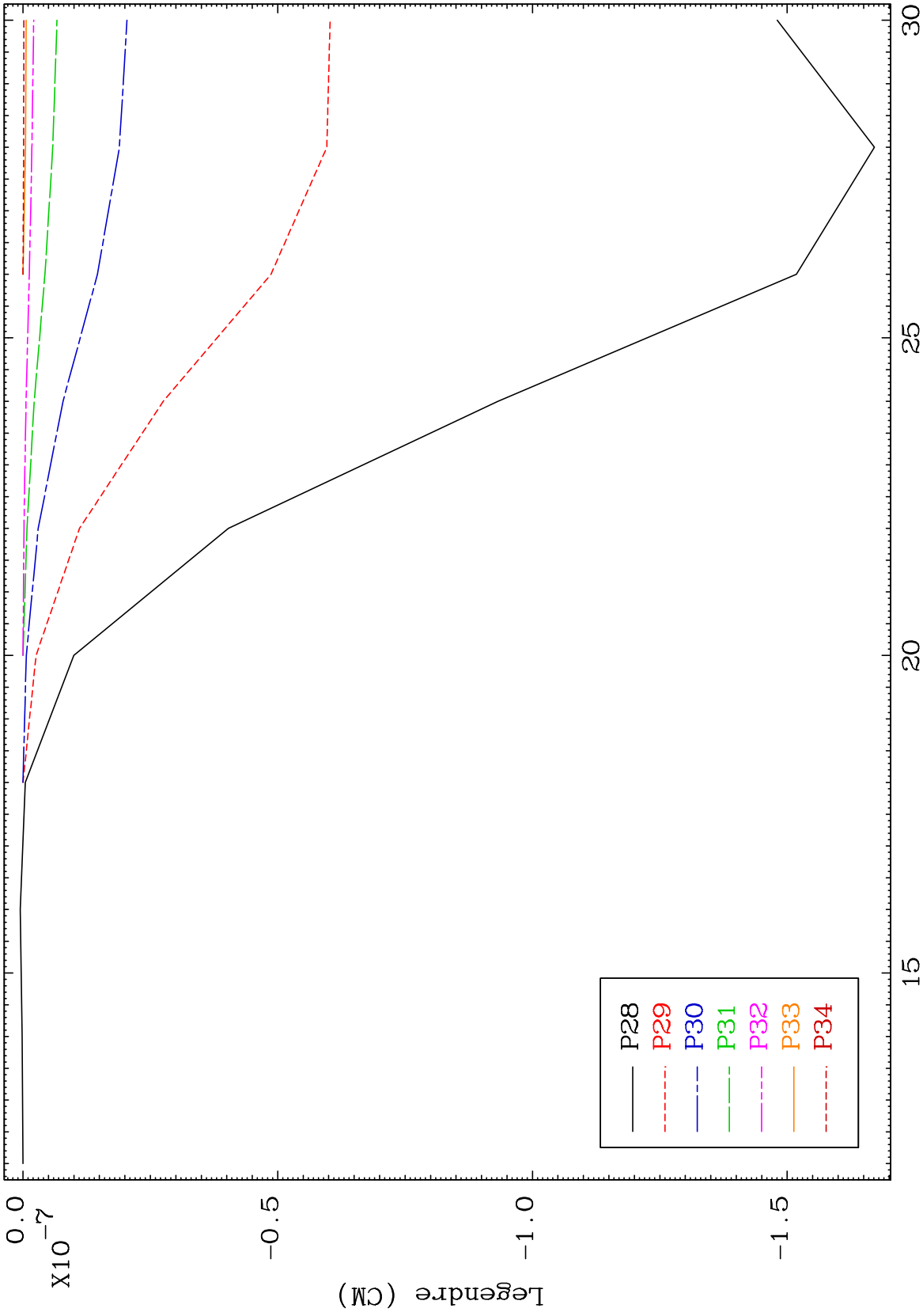
Incident Energy (MeV)

31-Ga-77

MAT 3149

31-Ga-77

Elastic Legendre Coefficients



18

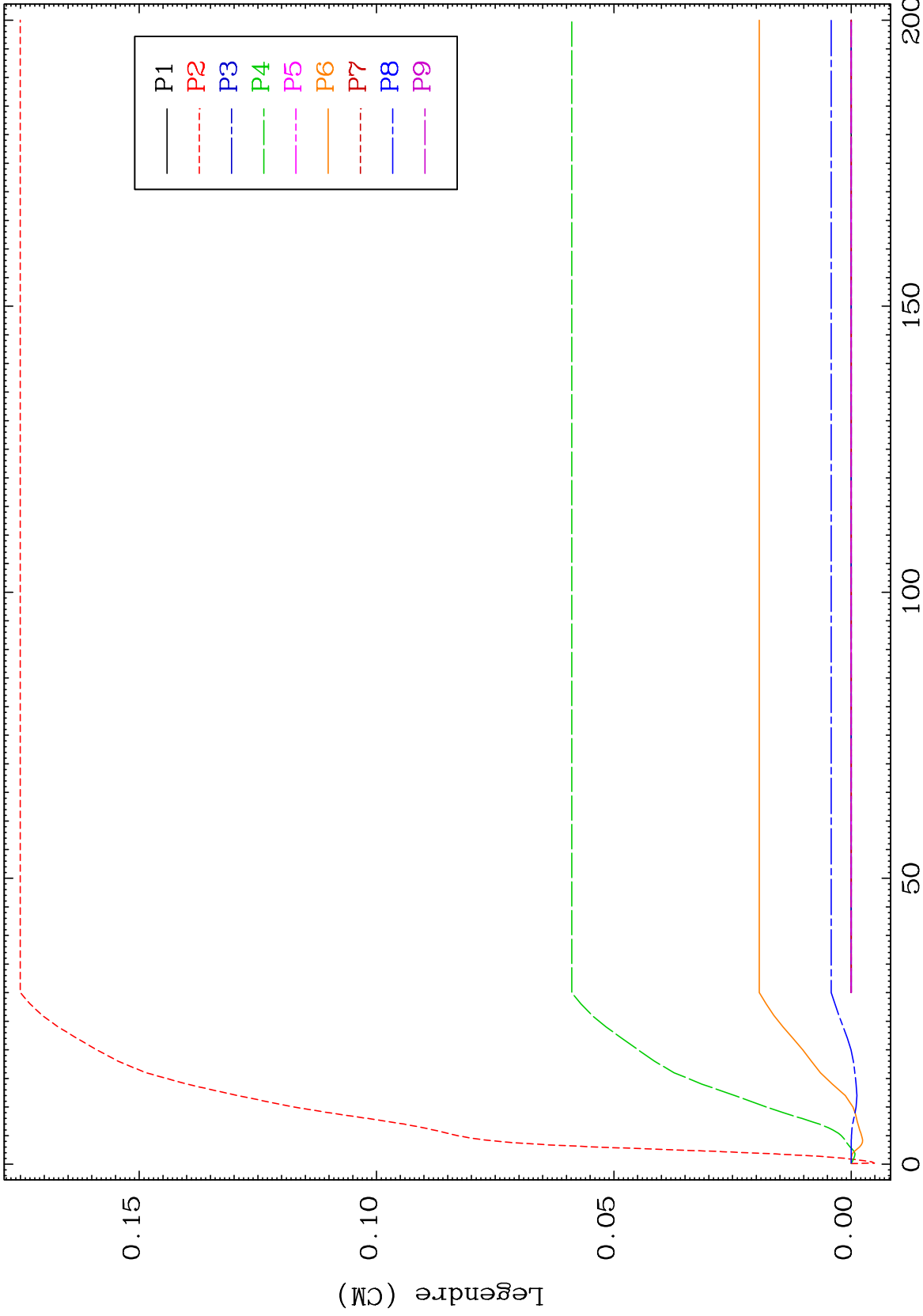
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



19

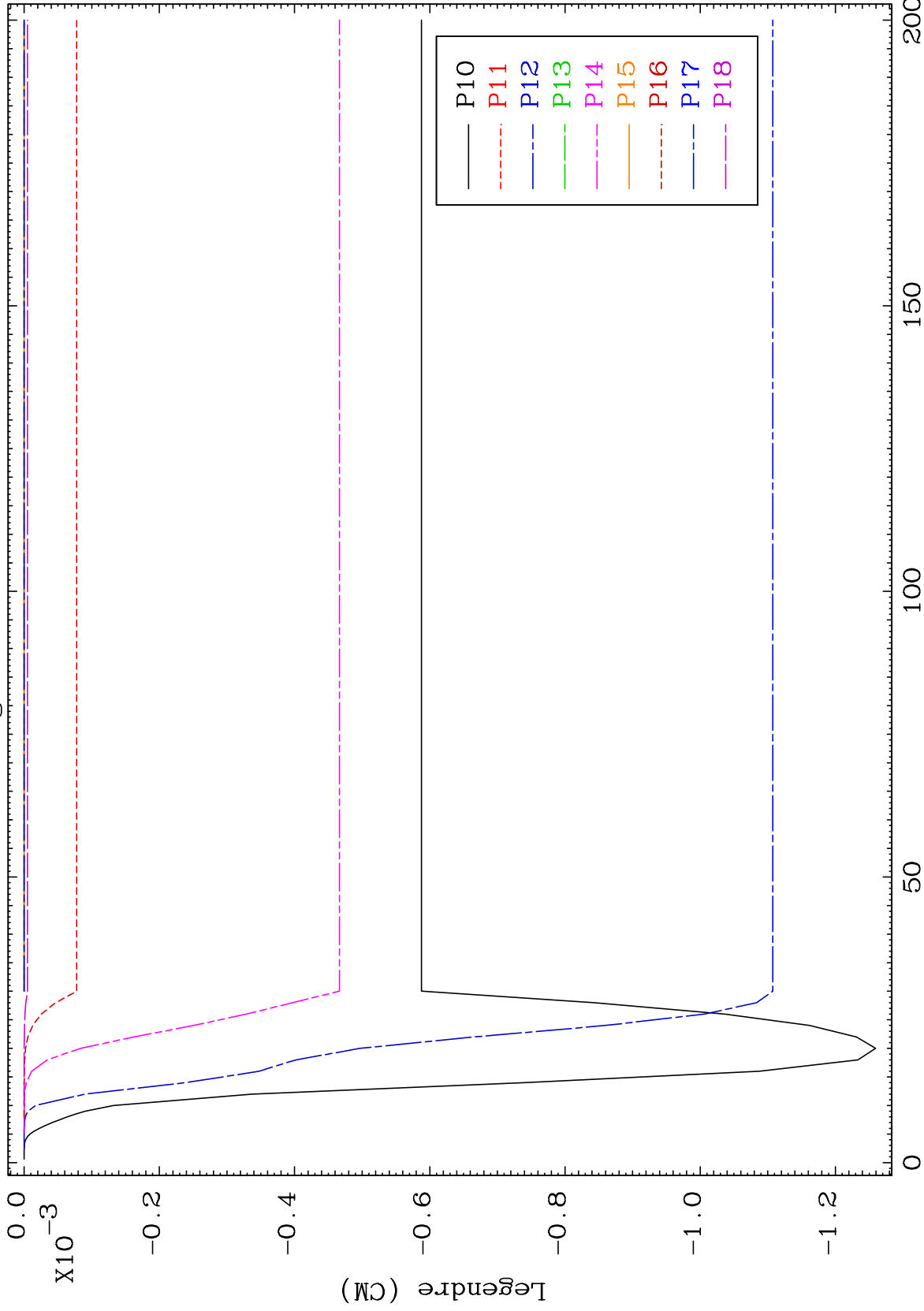
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



20

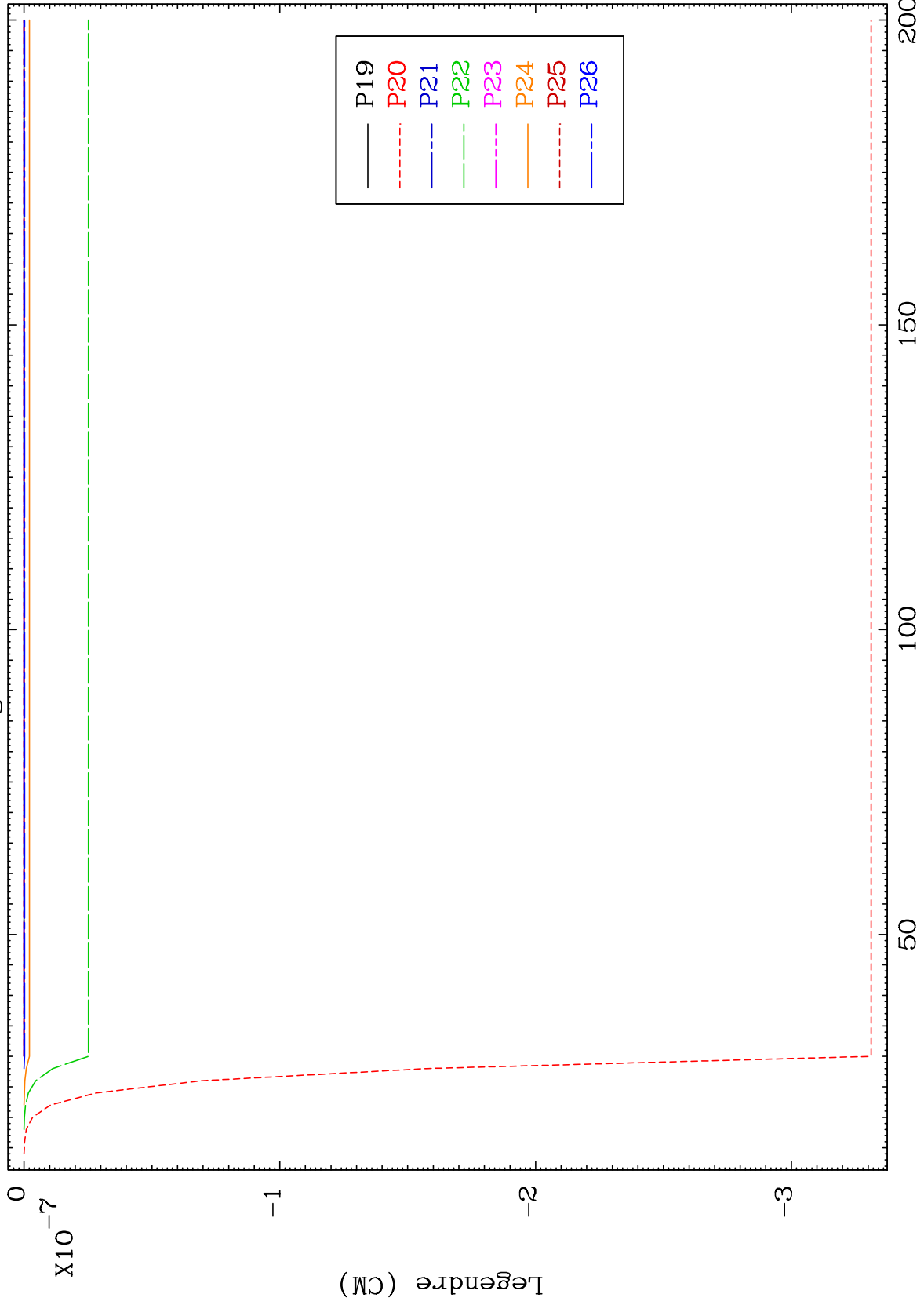
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



31-Ga-77

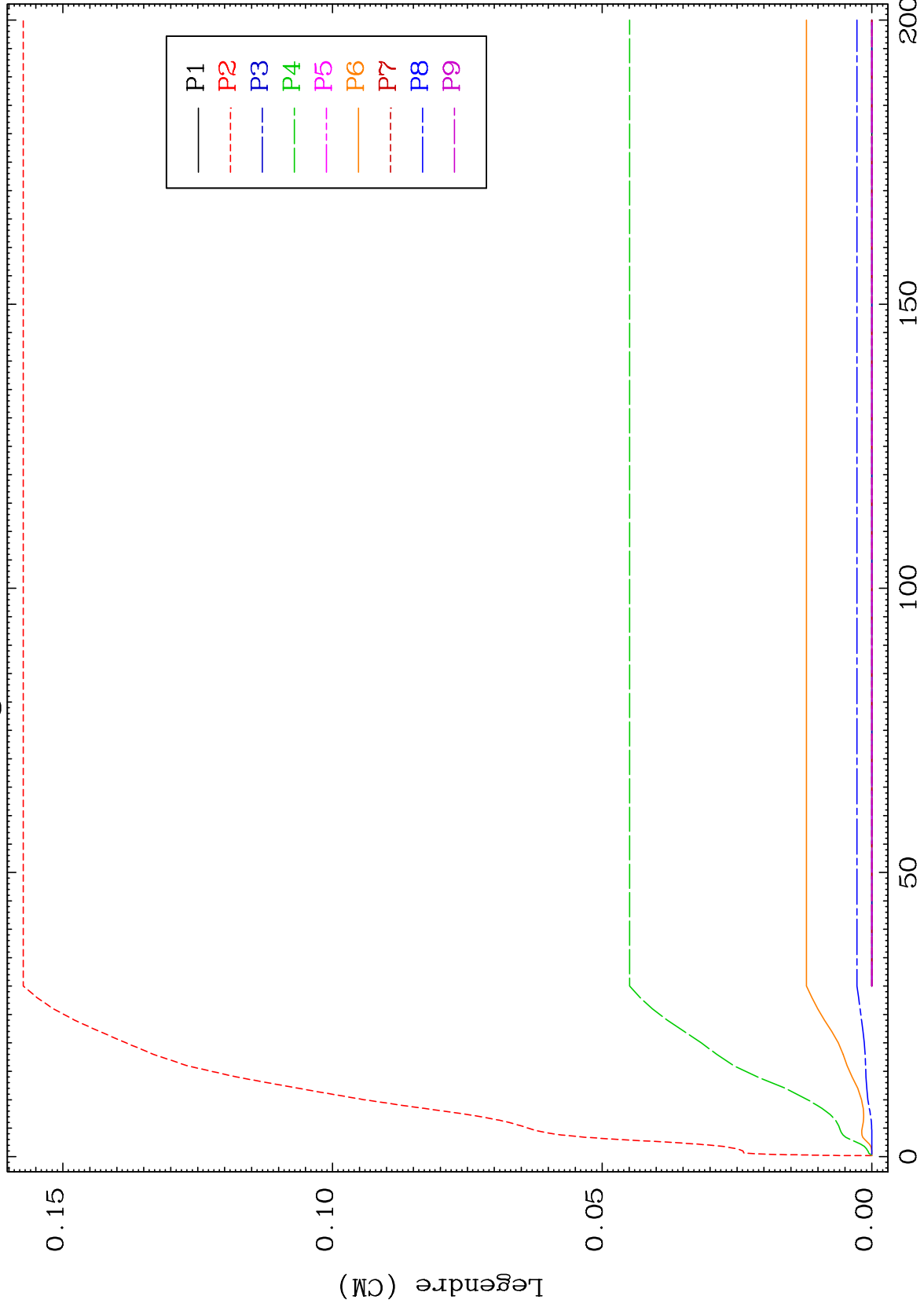
Incident Energy (MeV)

21

MAT 3149

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

31-Ga-77



22

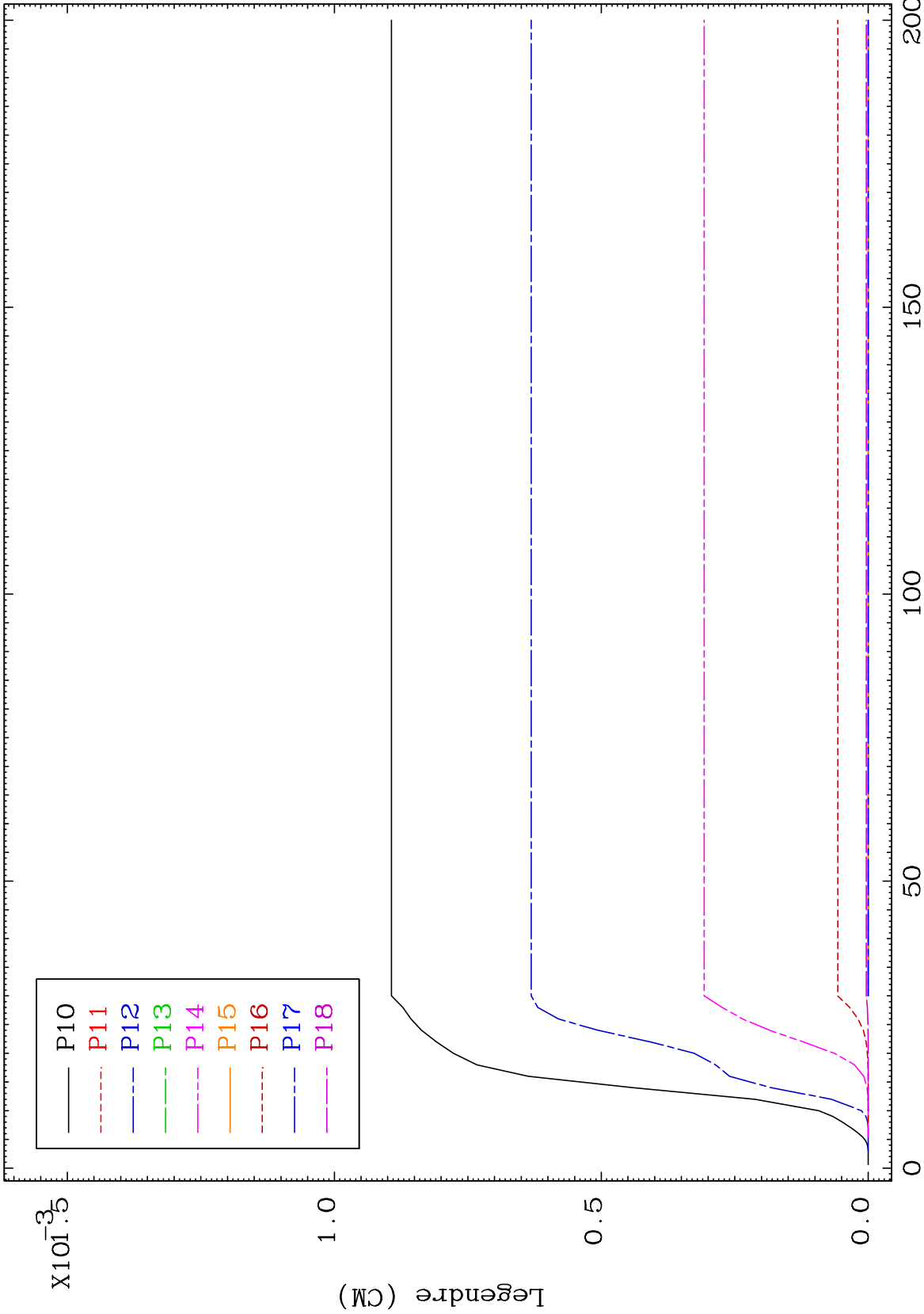
31-Ga-77

31-Ga-77

MAT 3149

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

31-Ga-77

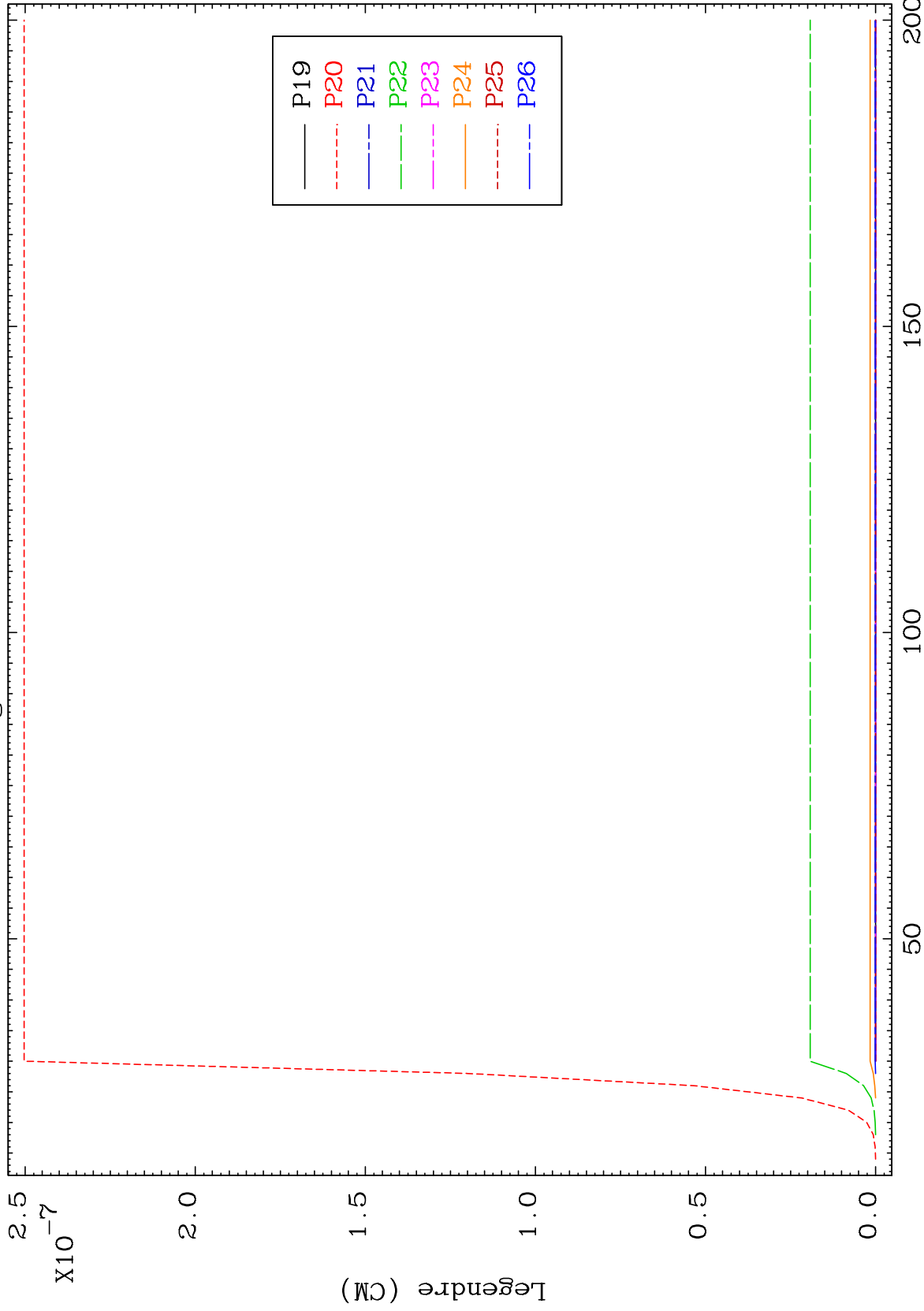


23

MAT 3149

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

31-Ga-77



24

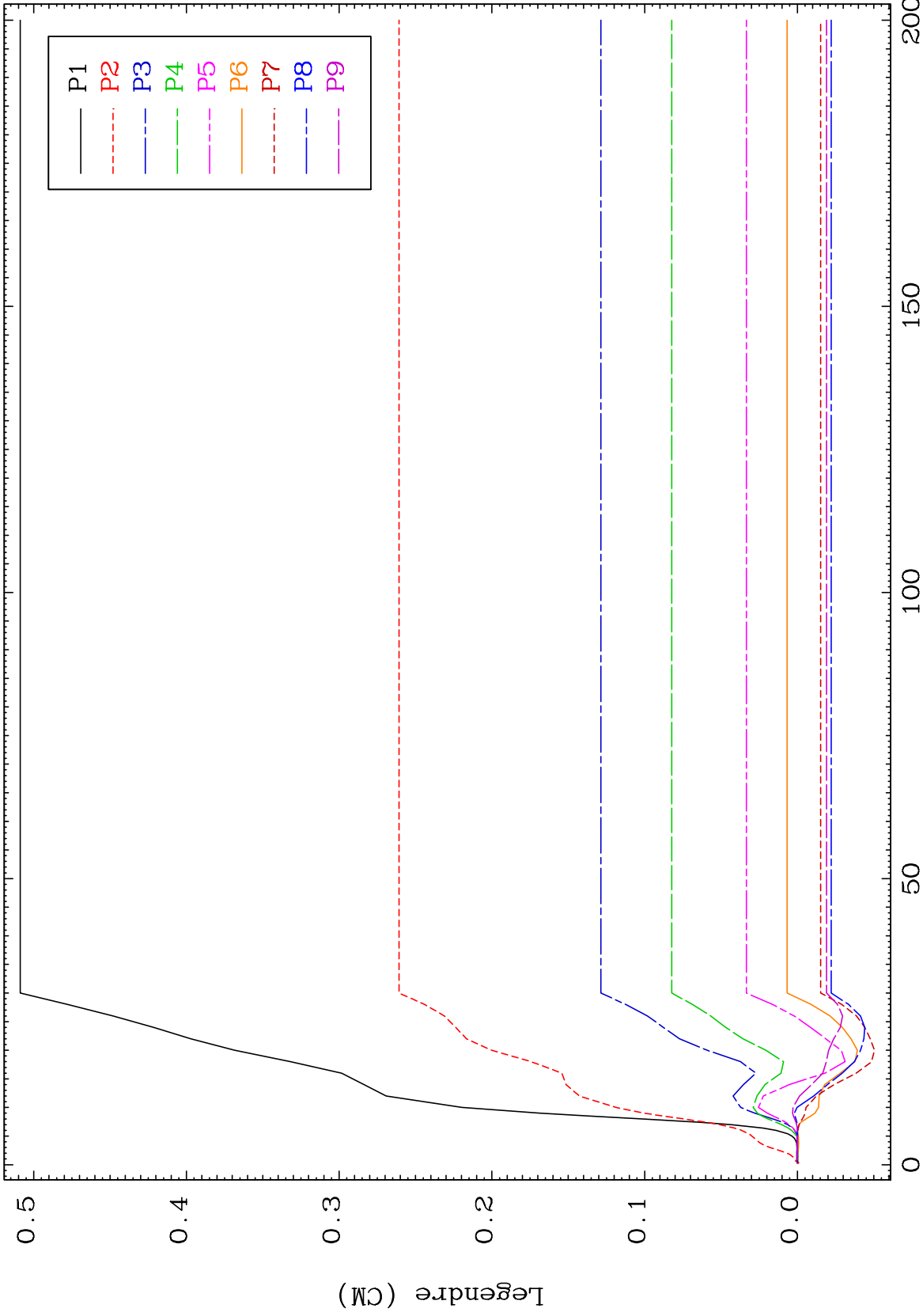
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



25

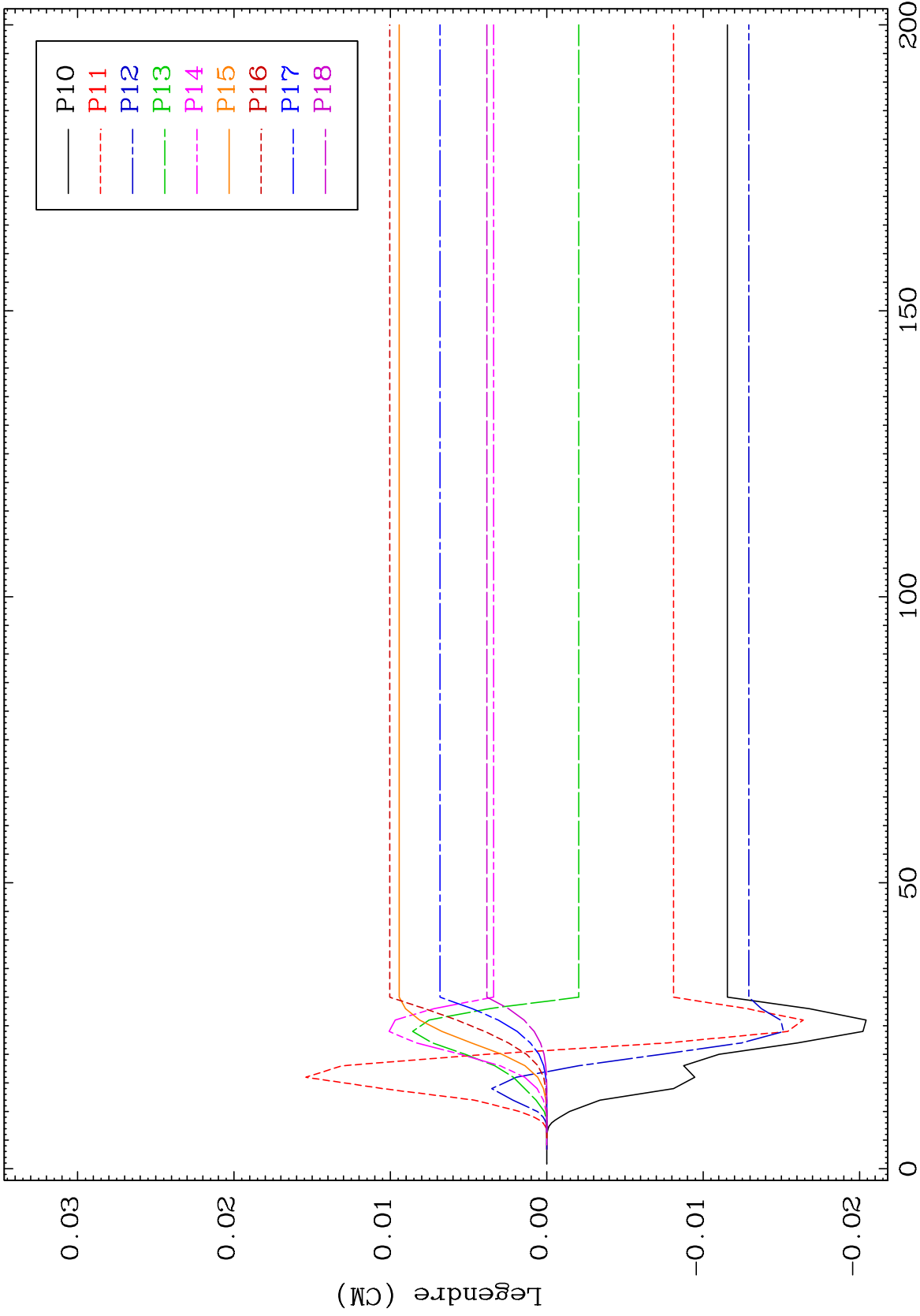
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



26

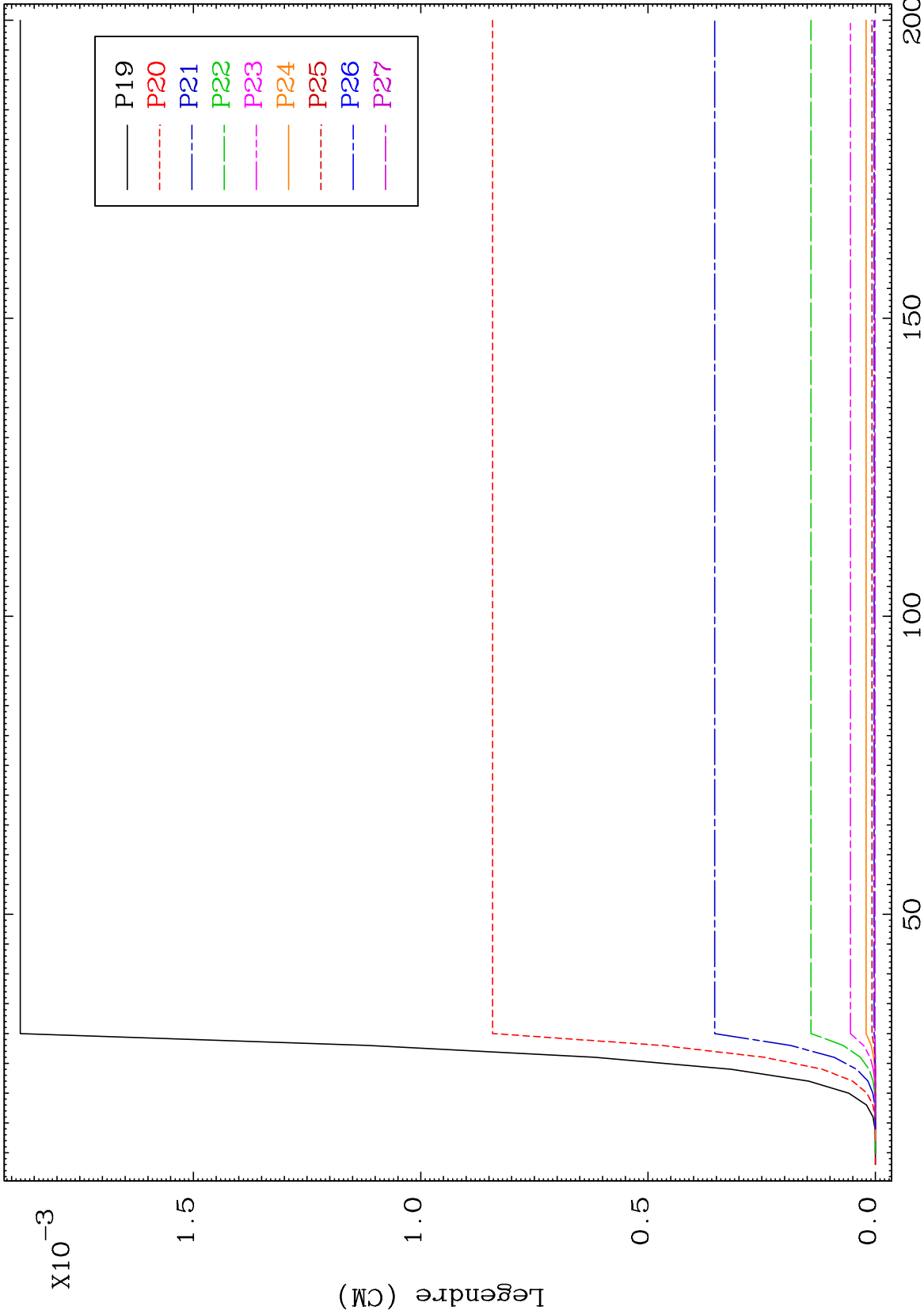
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



27

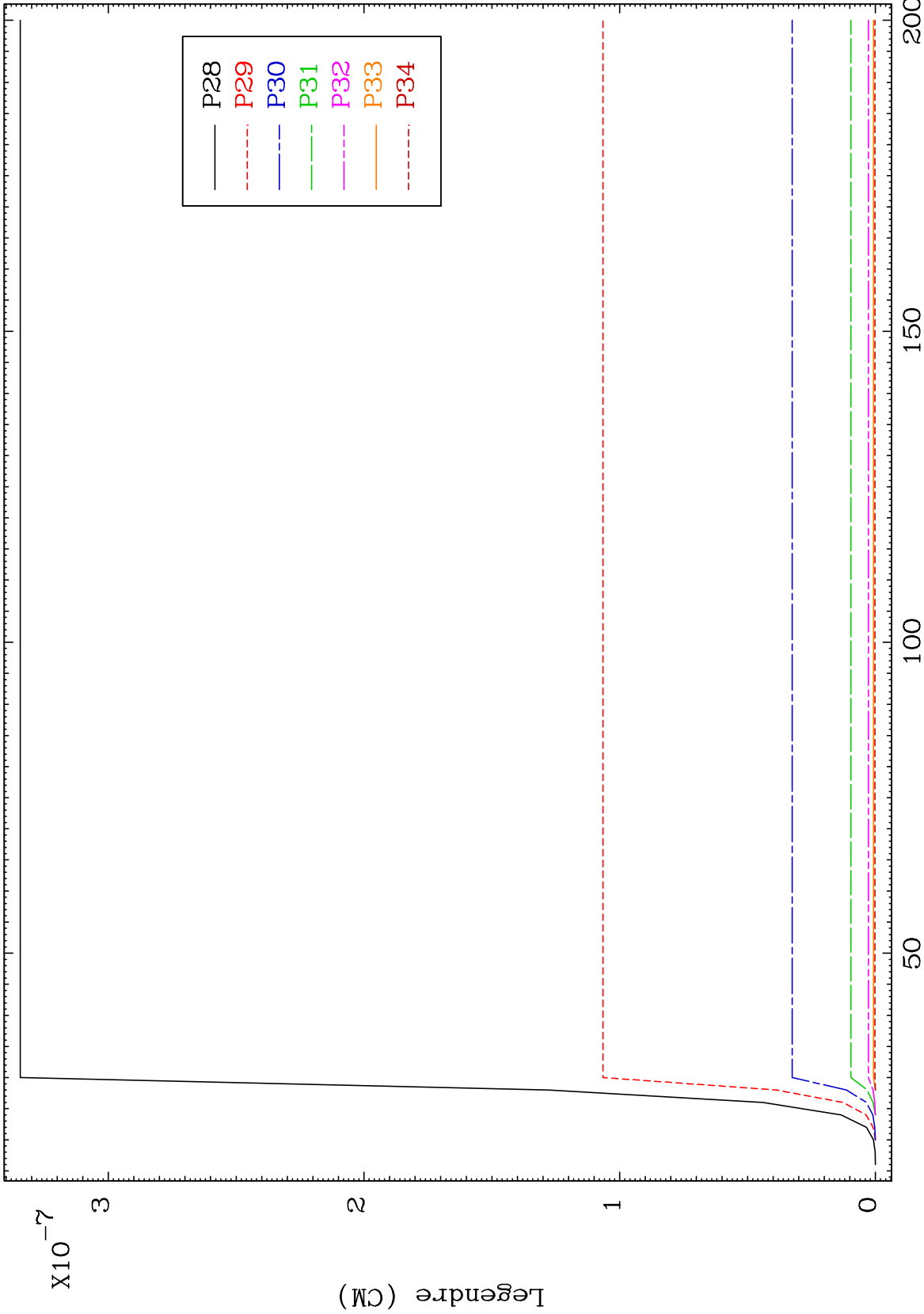
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



28

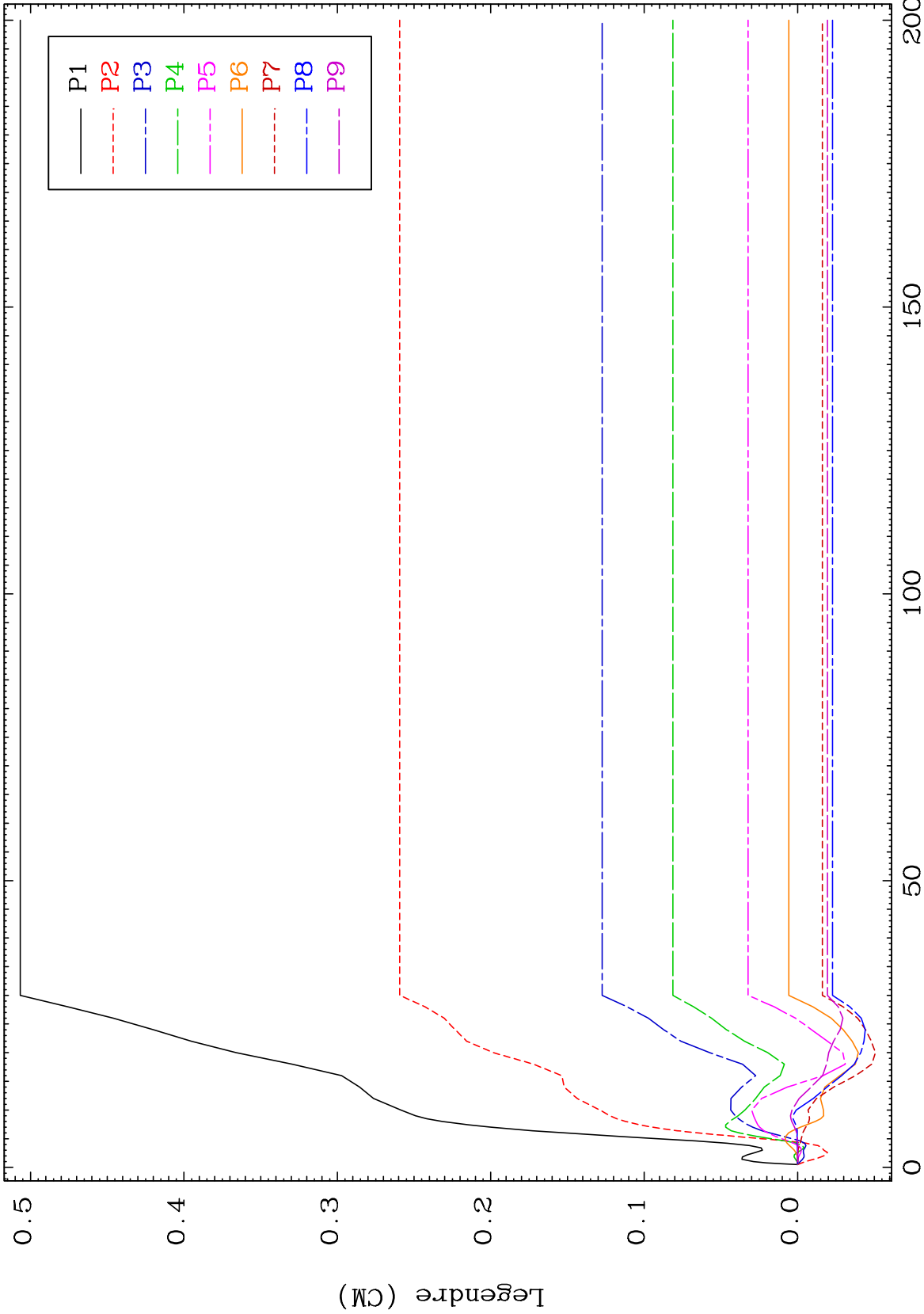
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



29

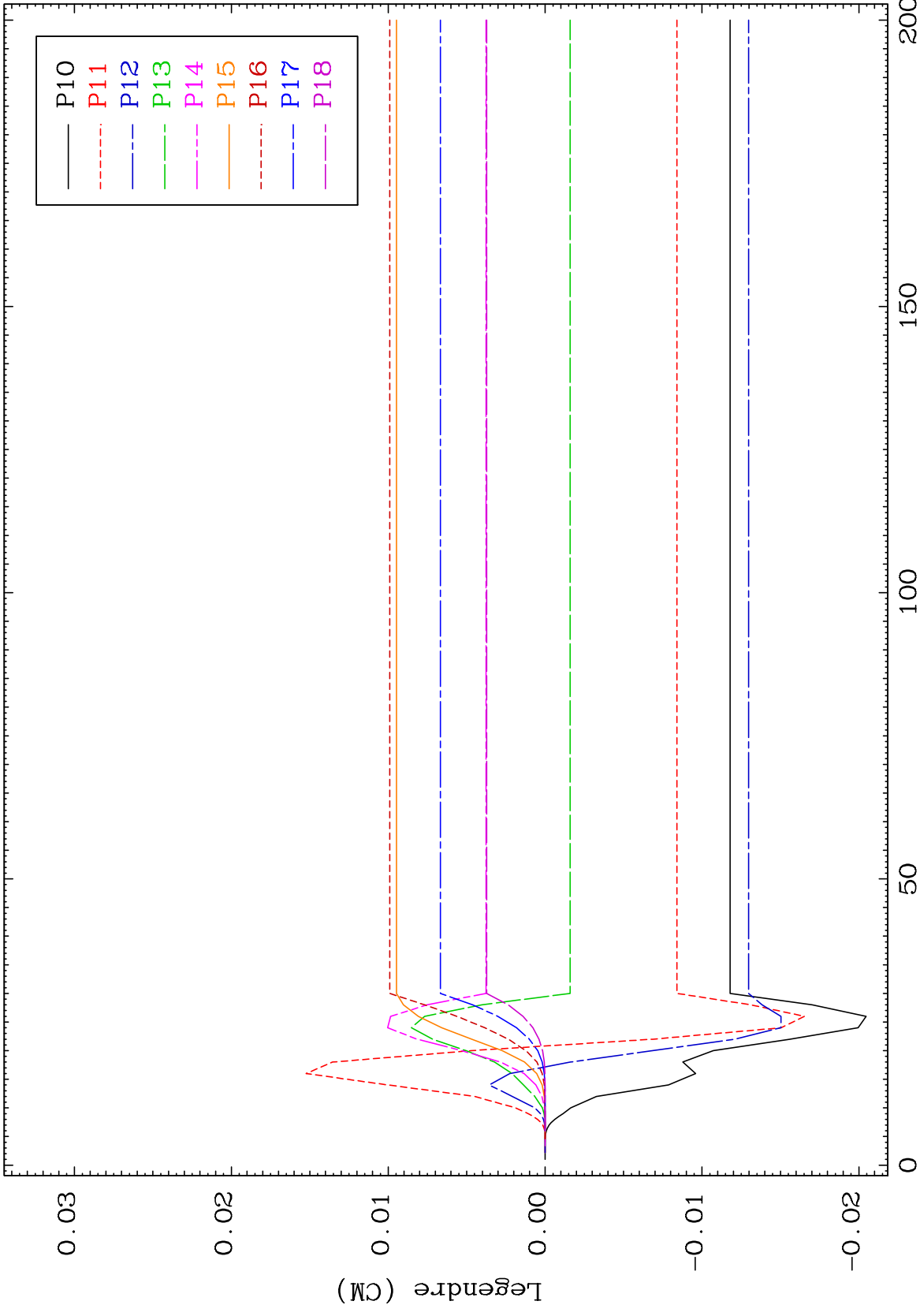
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



30

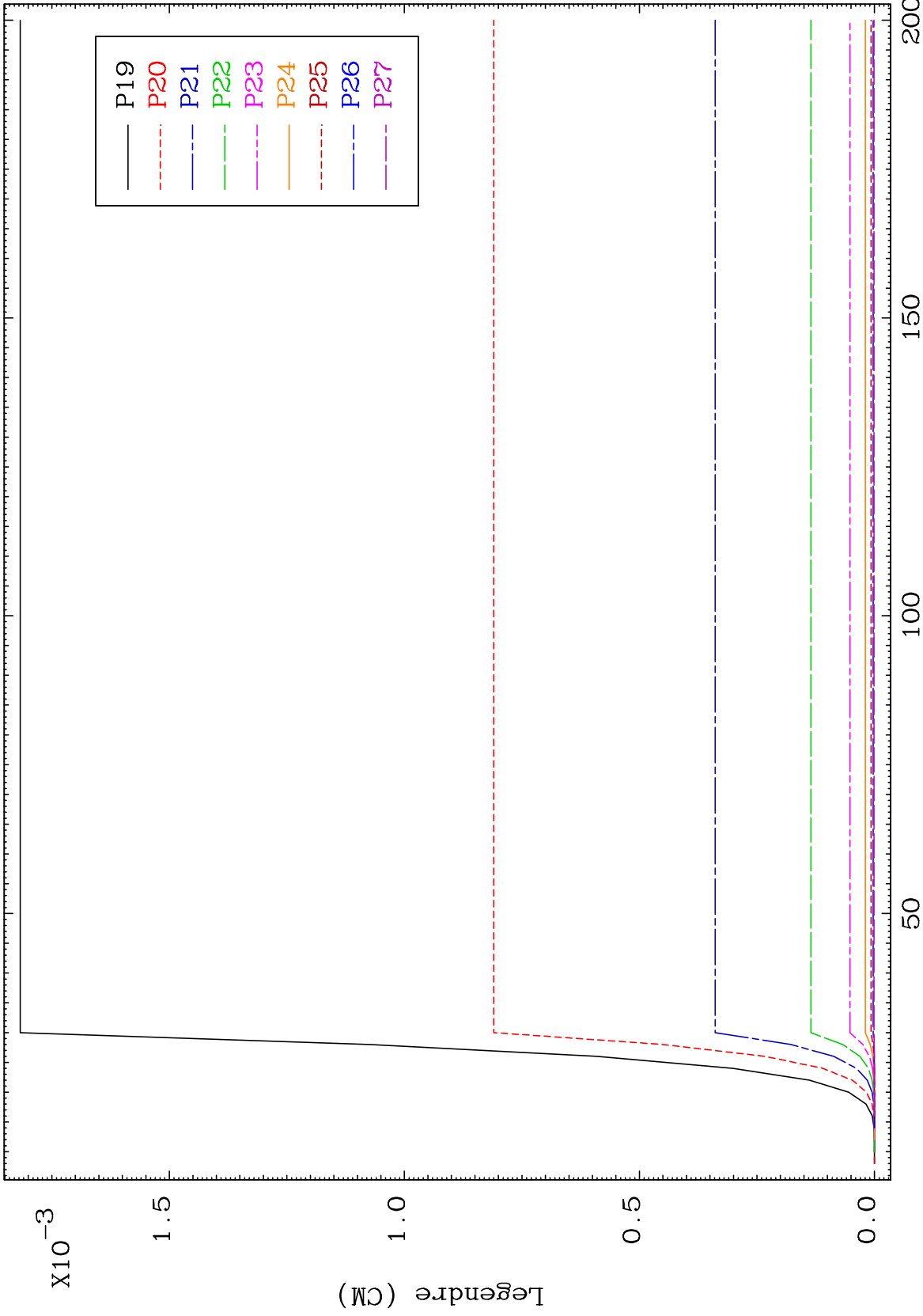
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



31

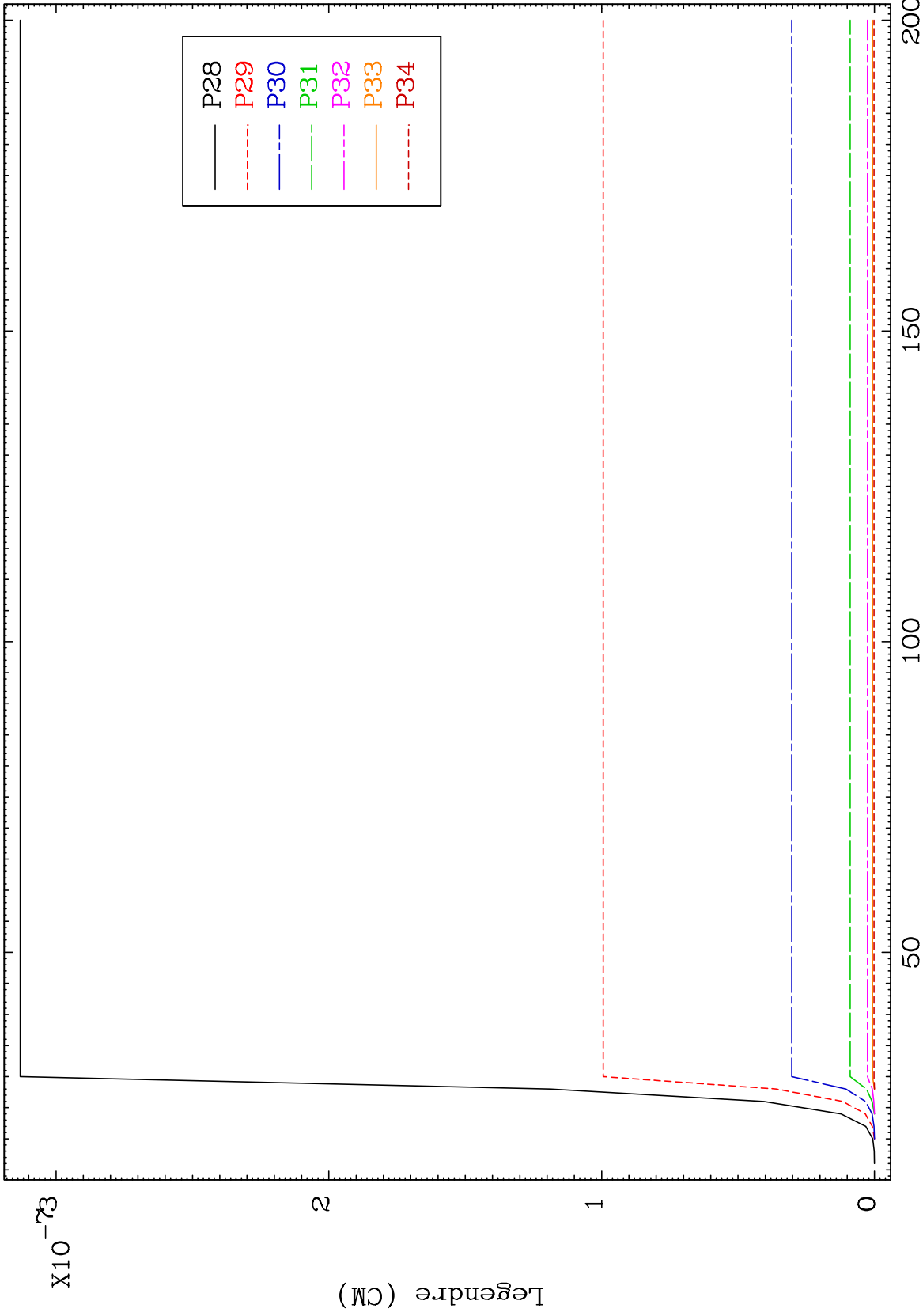
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



32

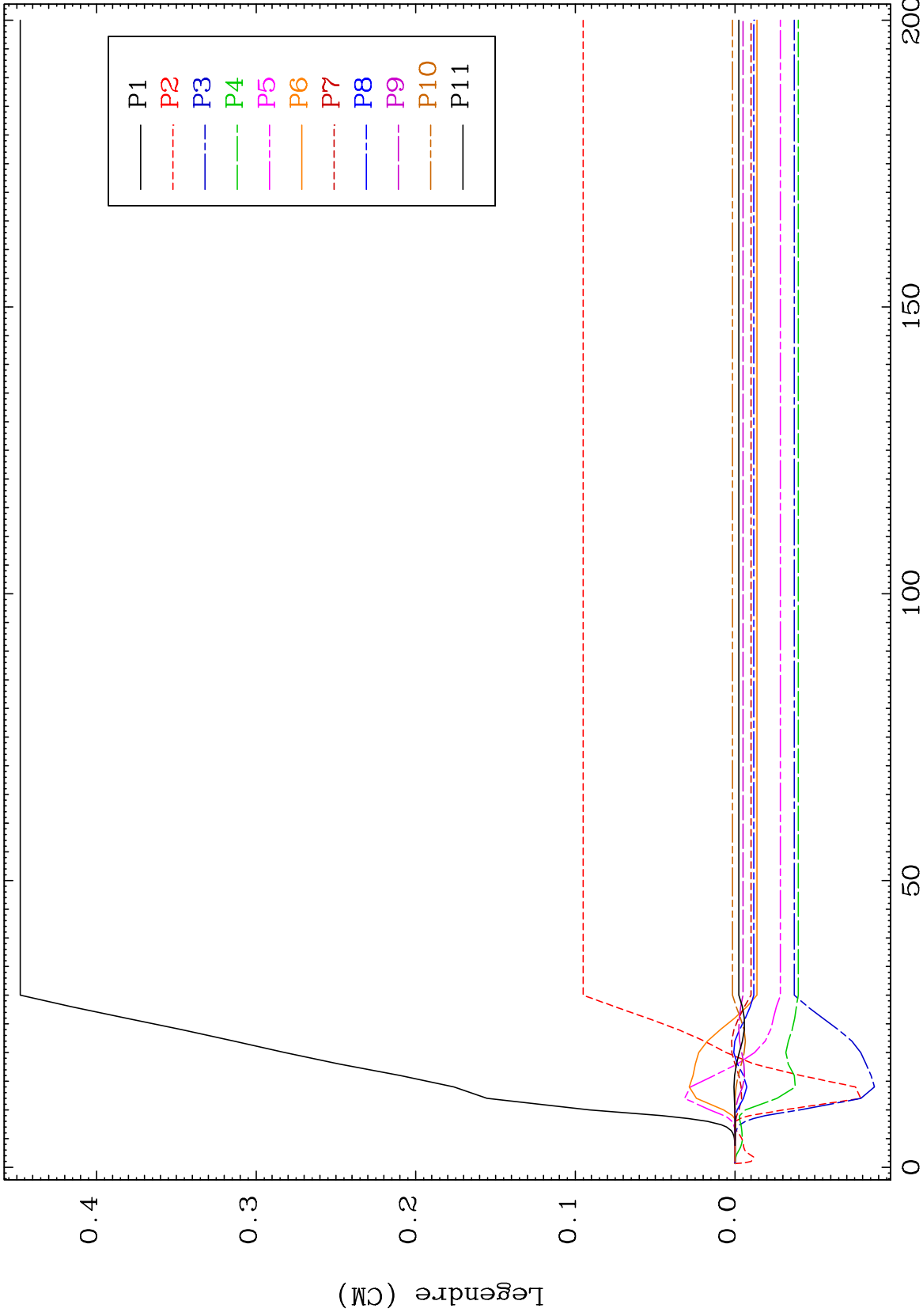
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



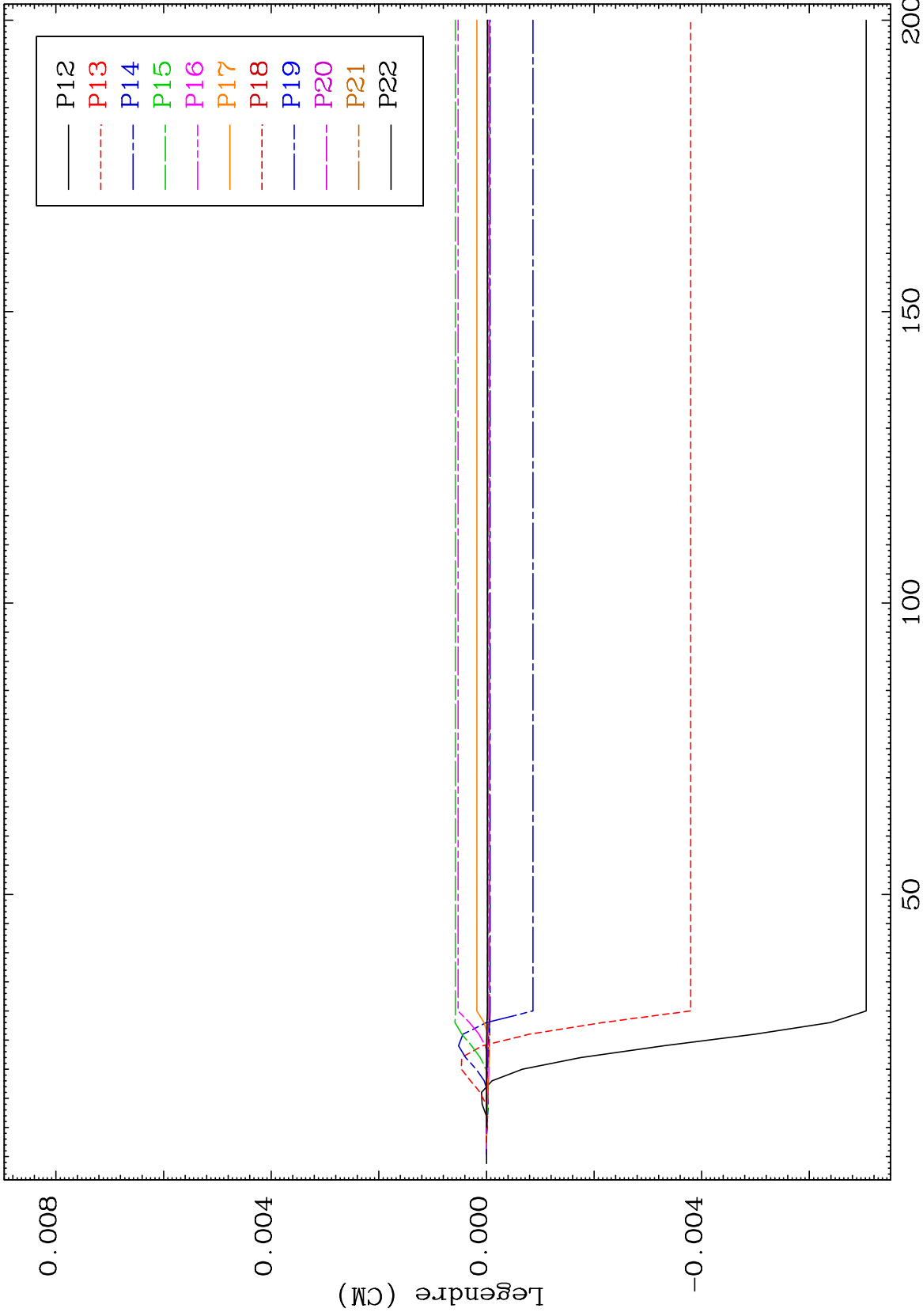
33

31-Ga-77

MAT 3149

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

31-Ga-77



34

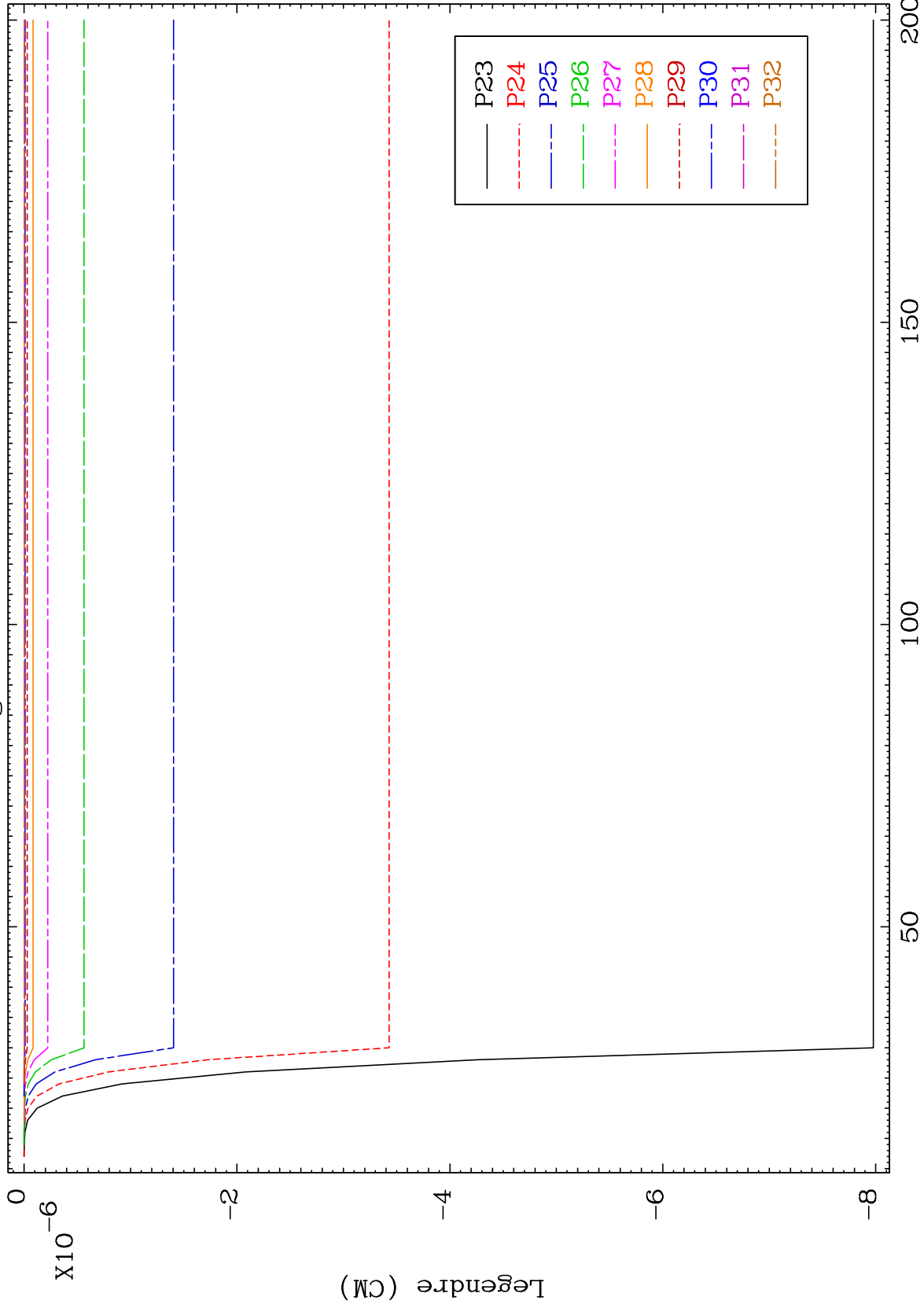
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



35

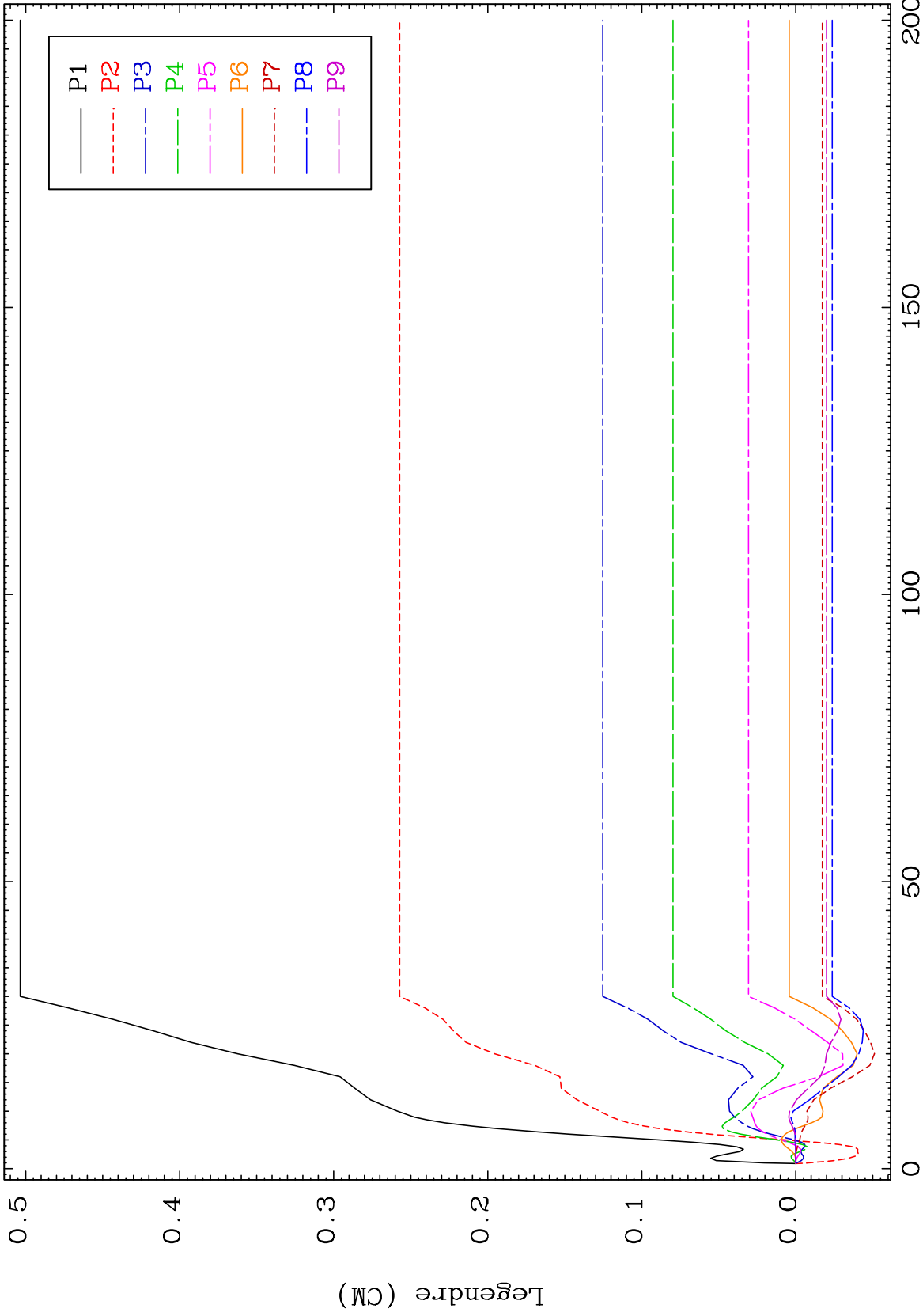
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



36

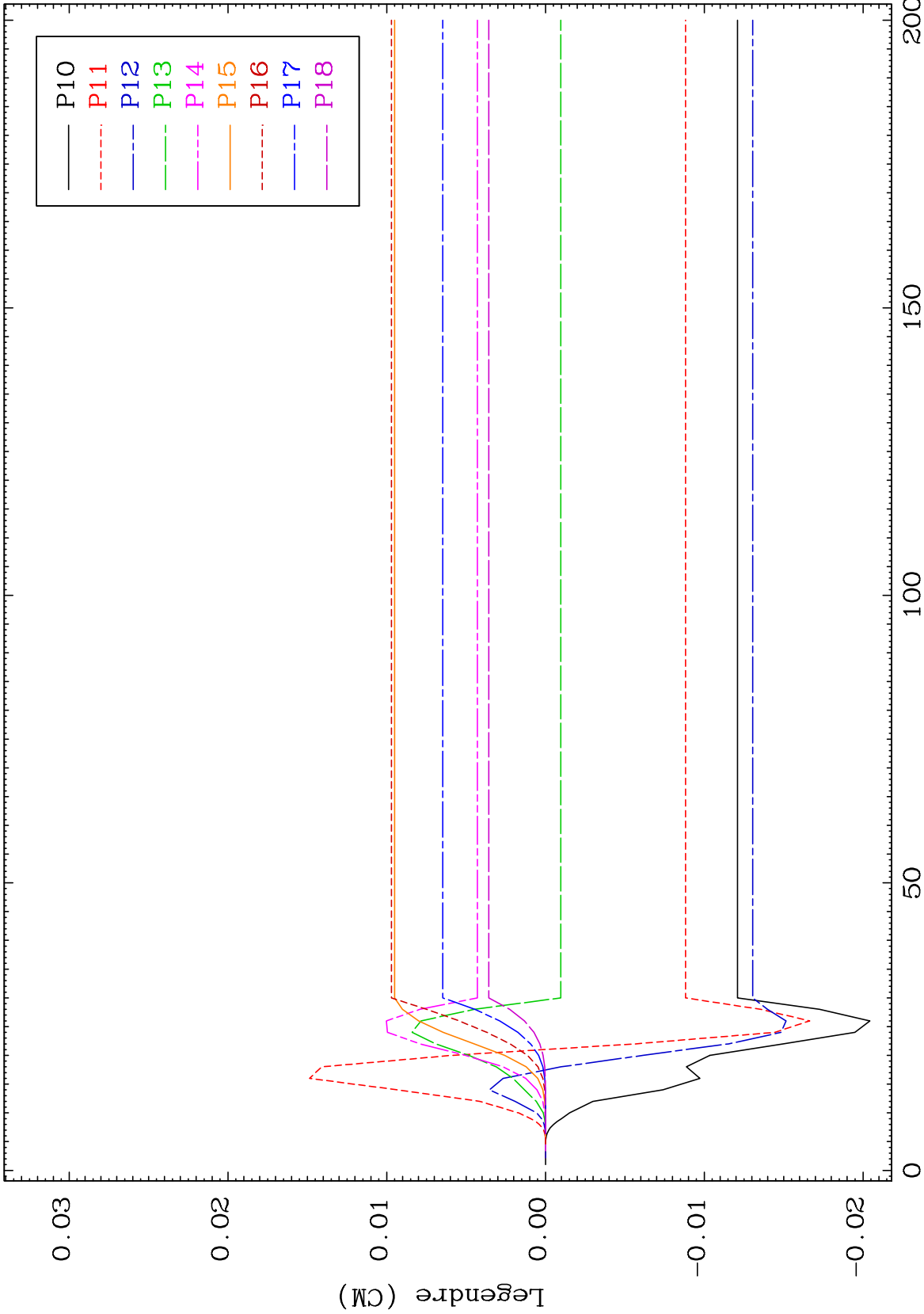
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



37

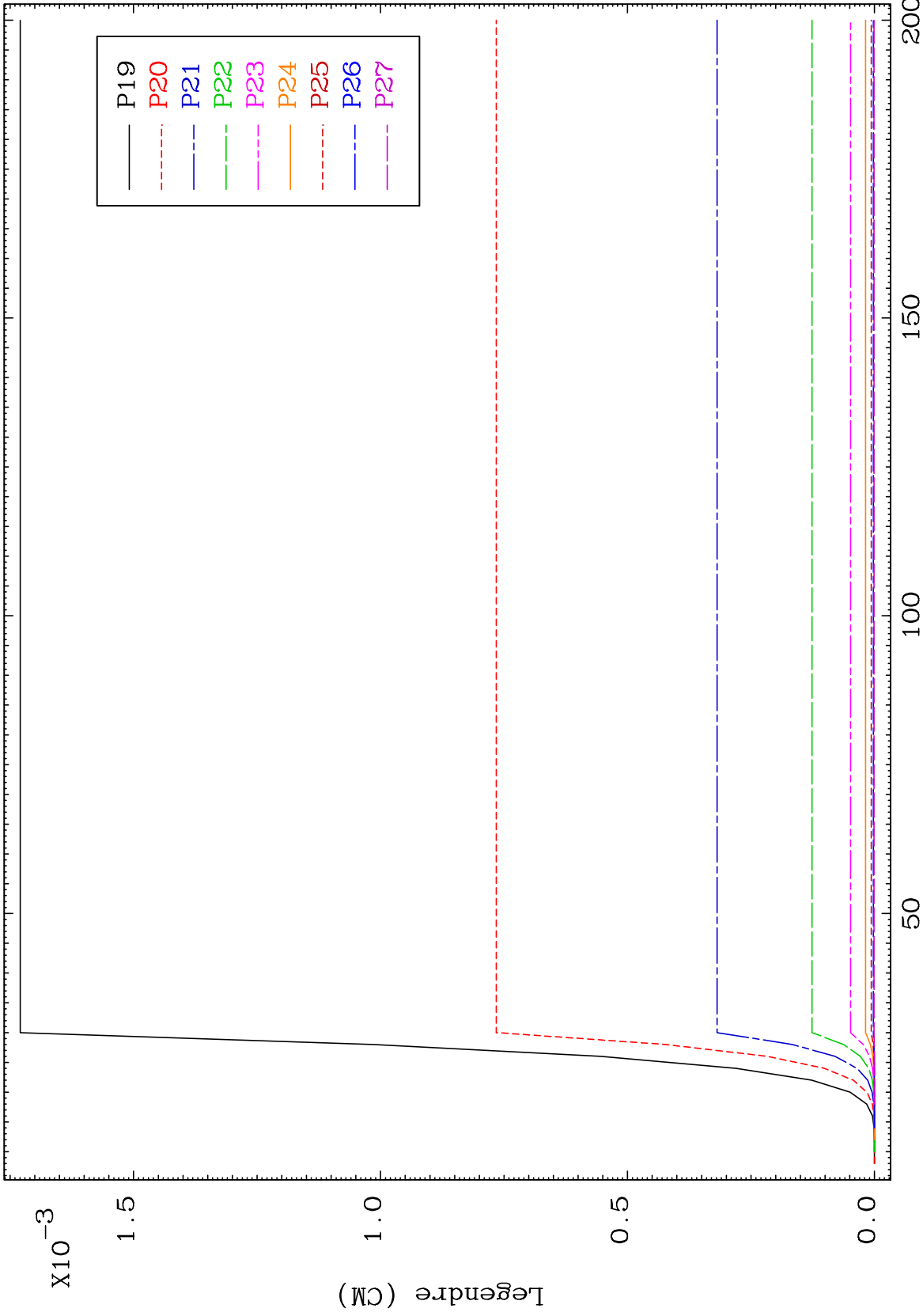
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



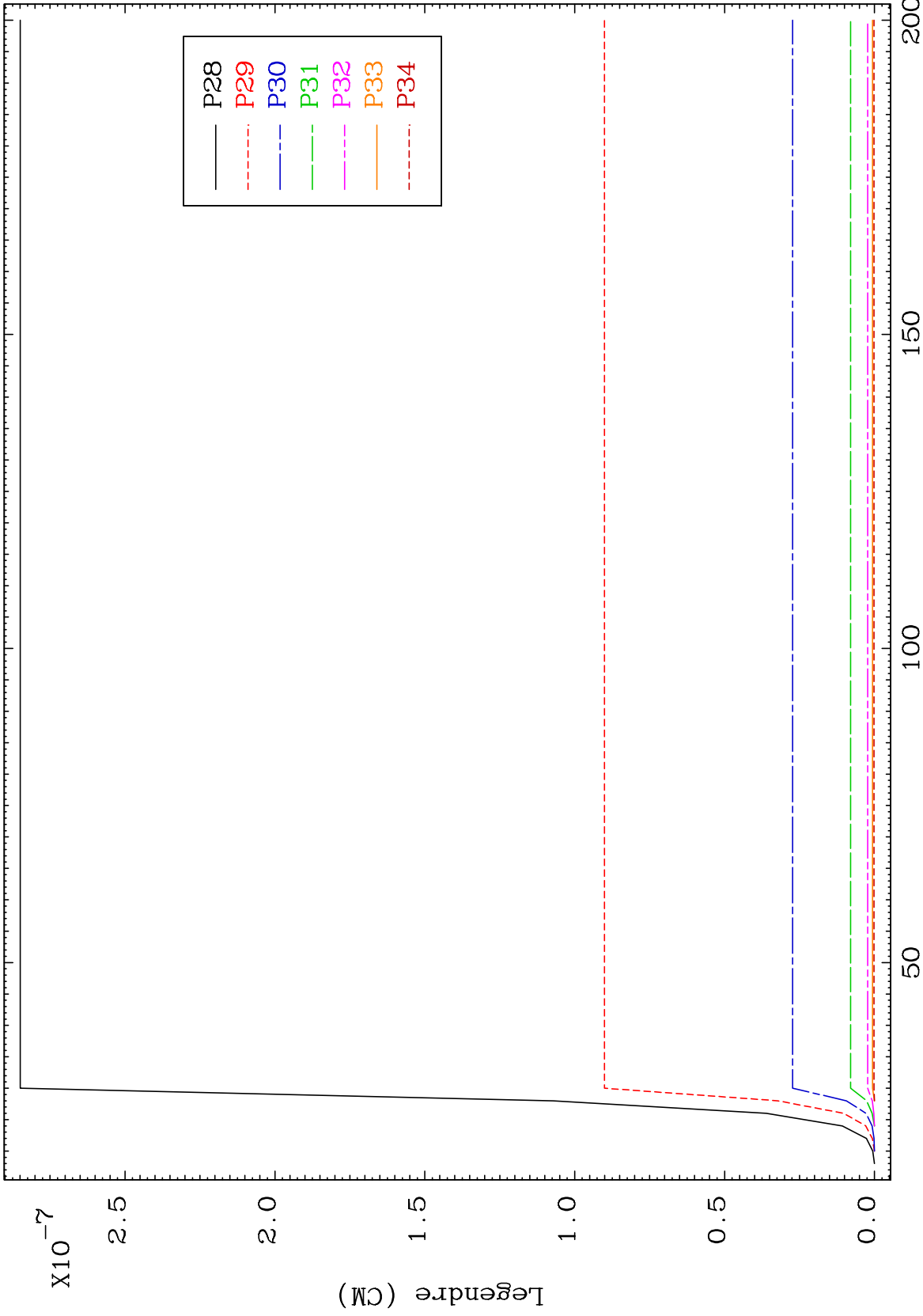
38

31-Ga-77

MAT 3149

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

31-Ga-77



39

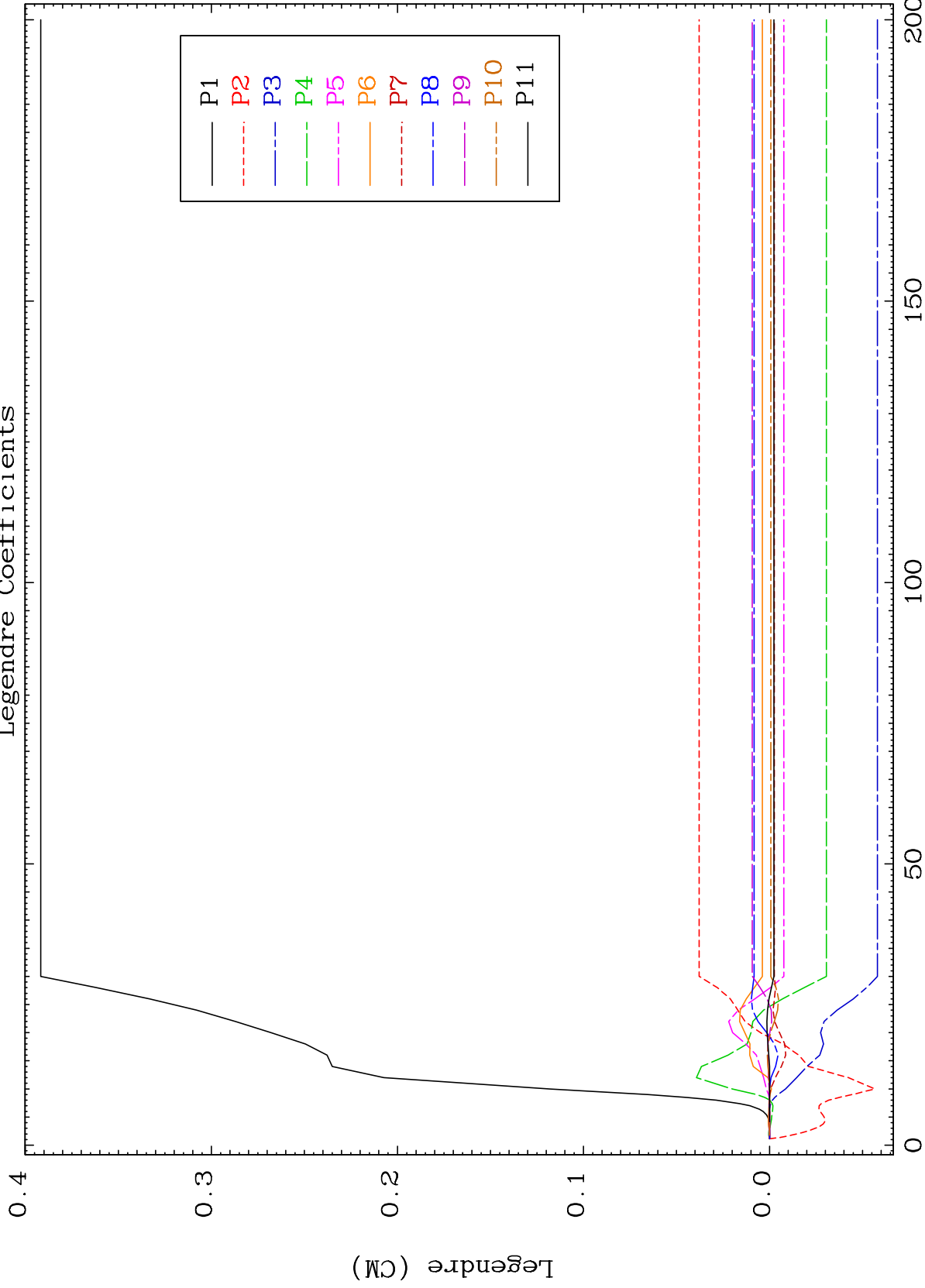
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



40

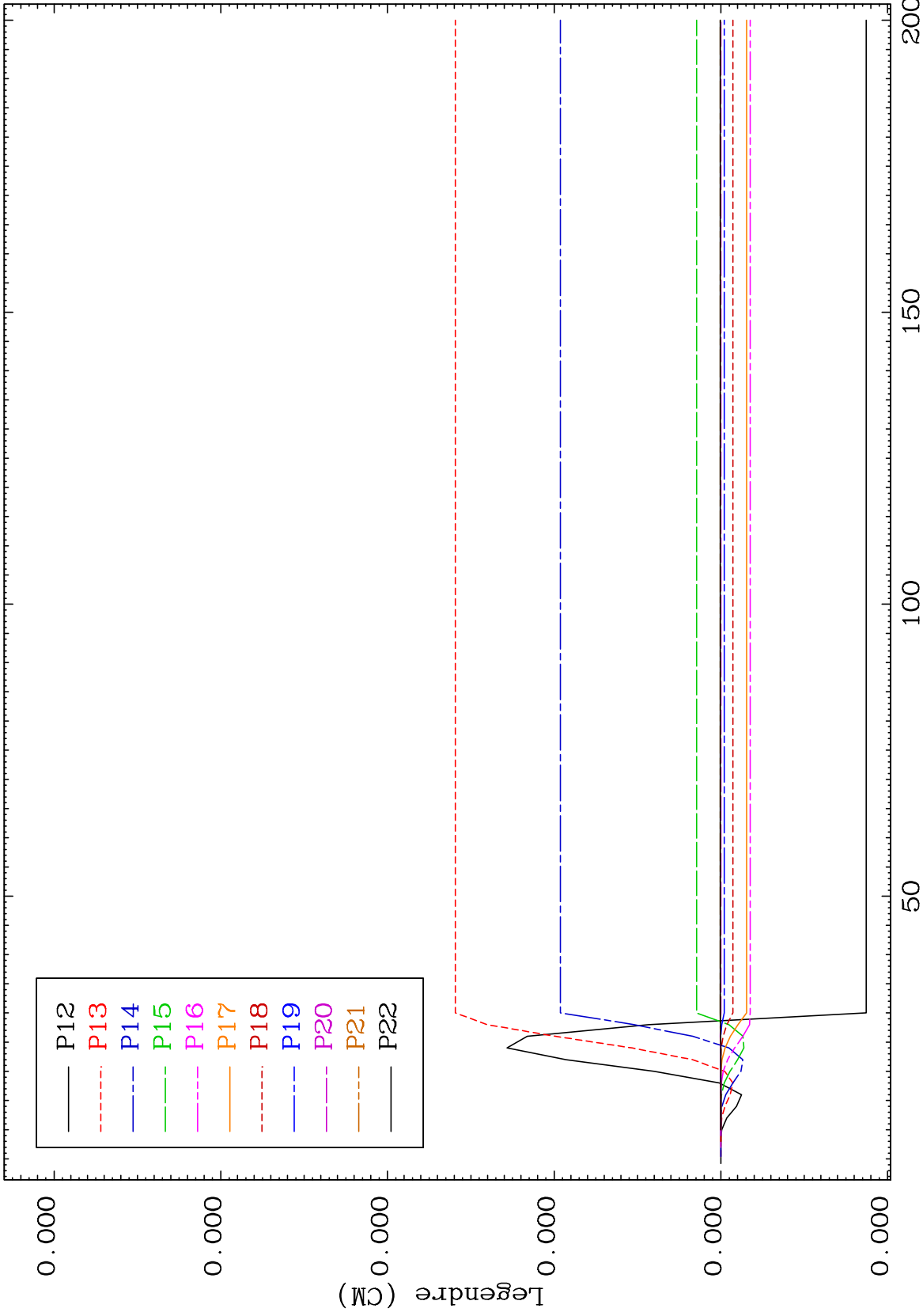
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



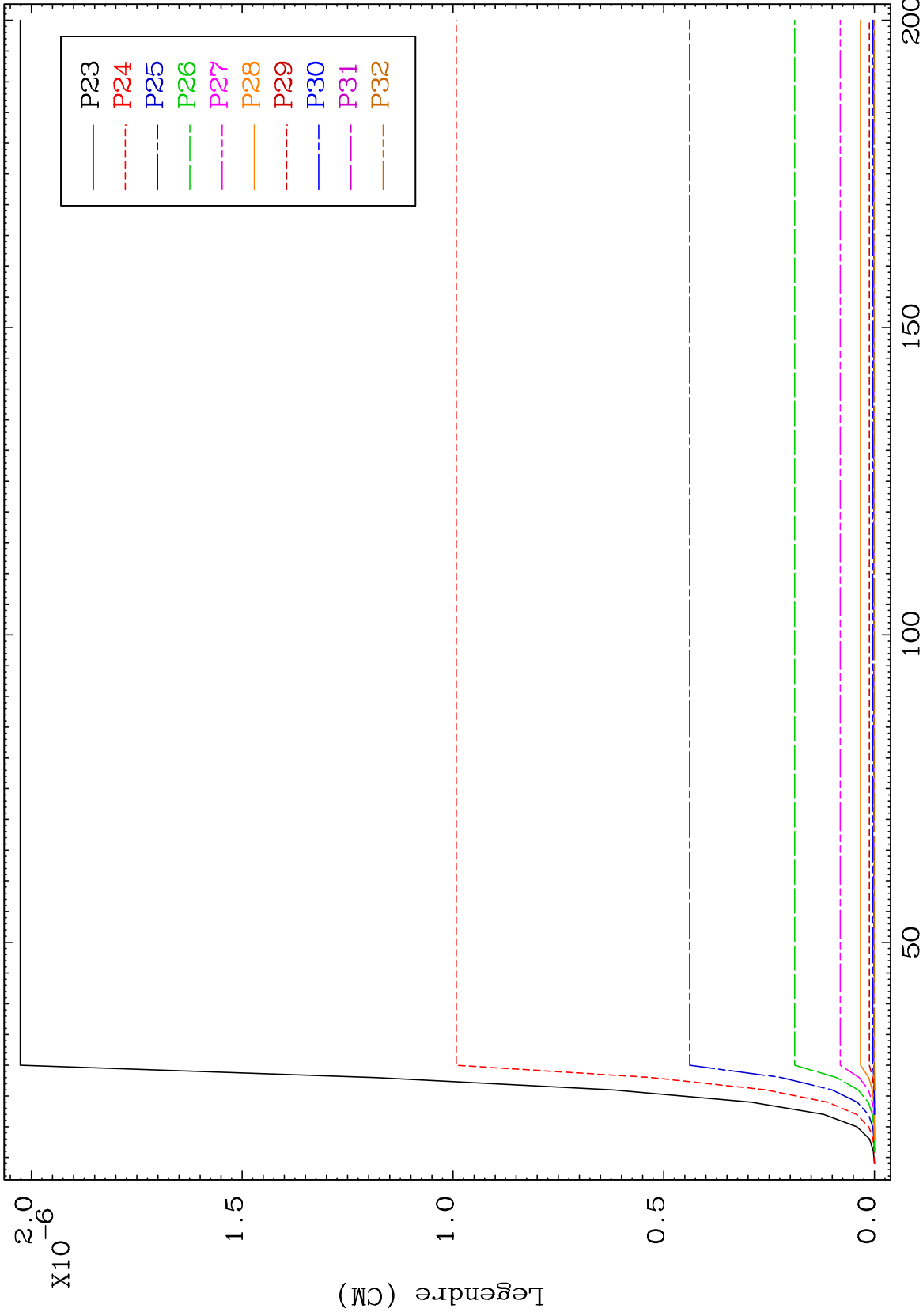
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31-Ga-77

MAT 3149

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

31-Ga-77



42

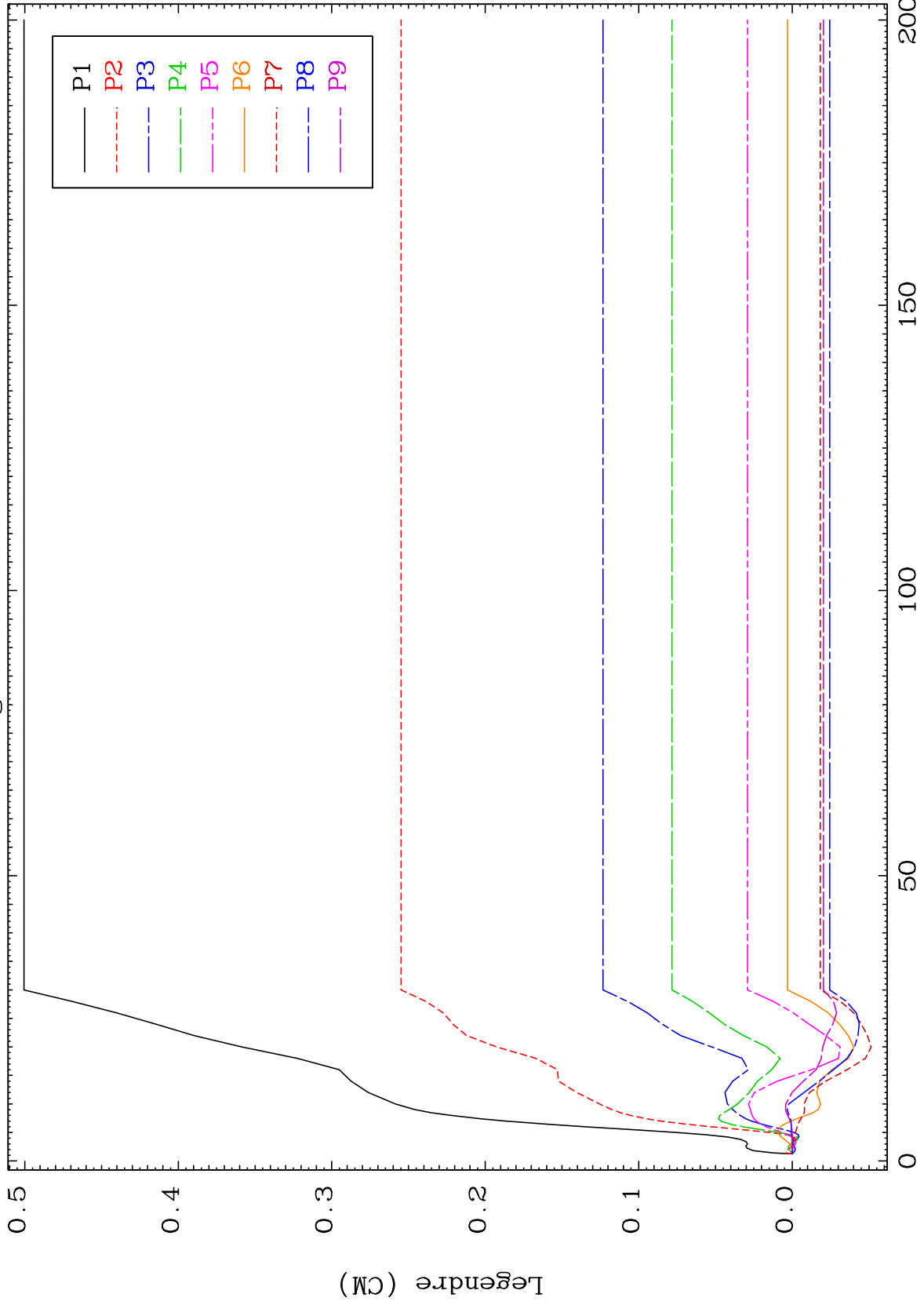
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



43

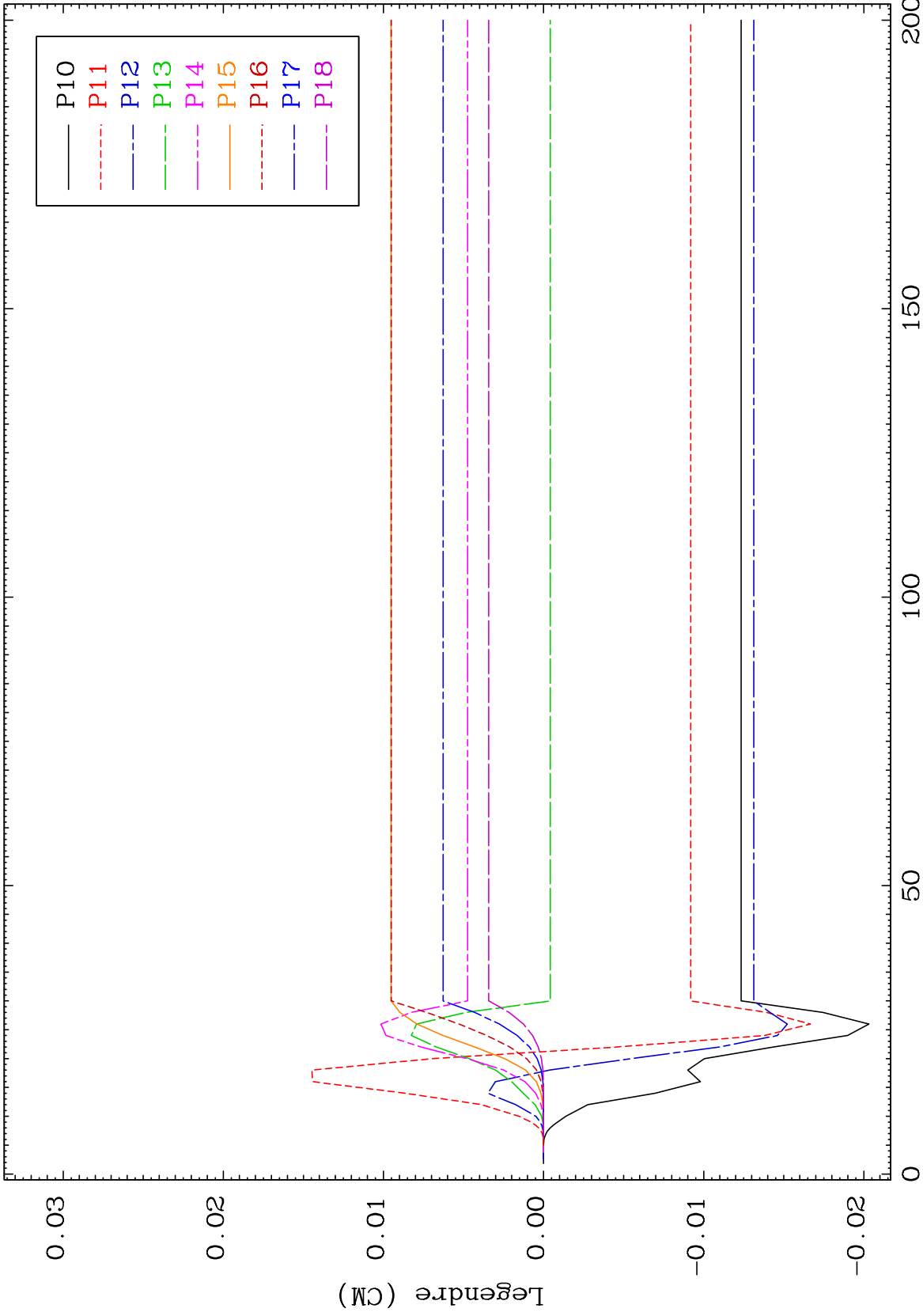
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



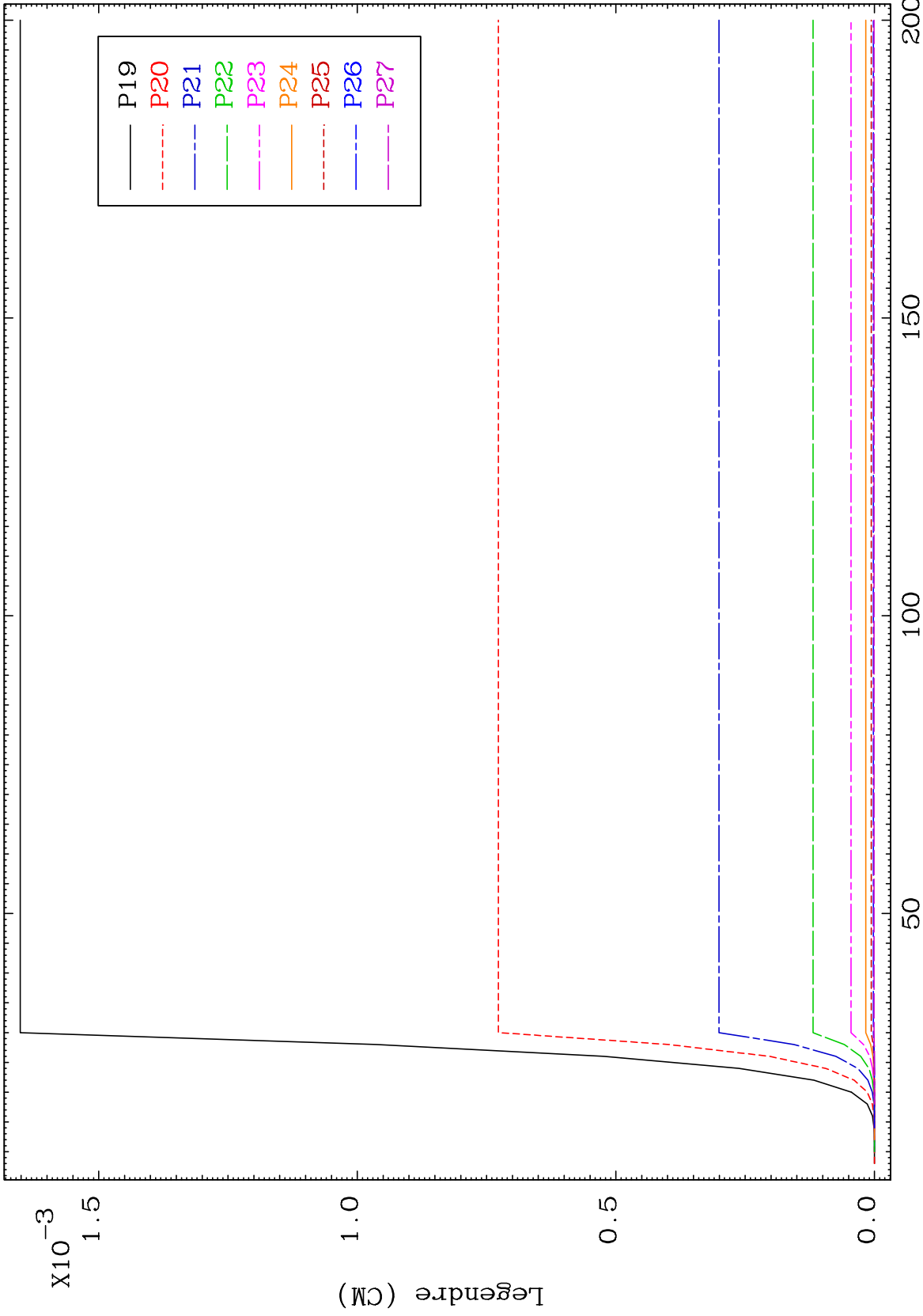
44

31-Ga-77

MAT 3149

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

31-Ga-77



45

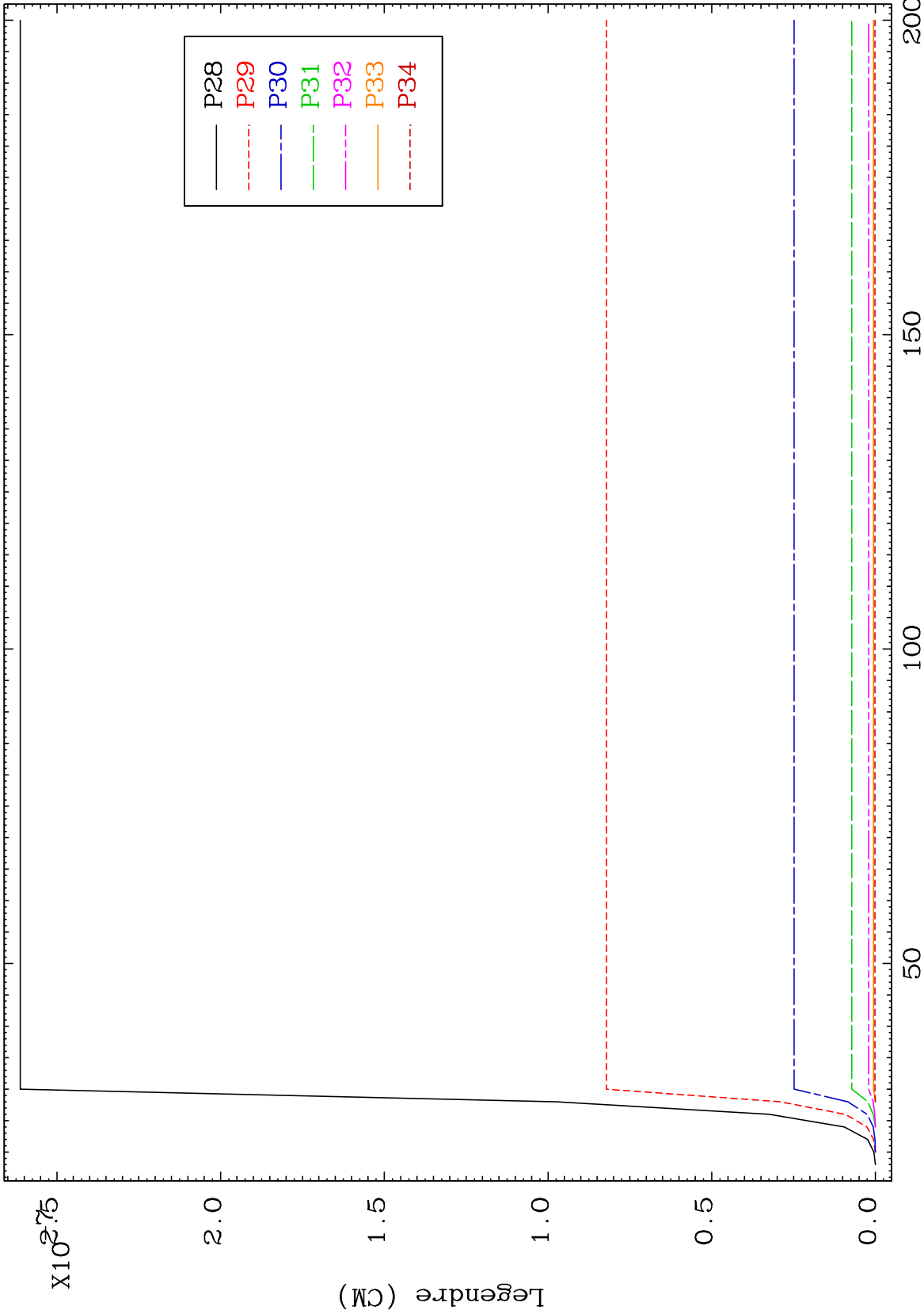
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



46

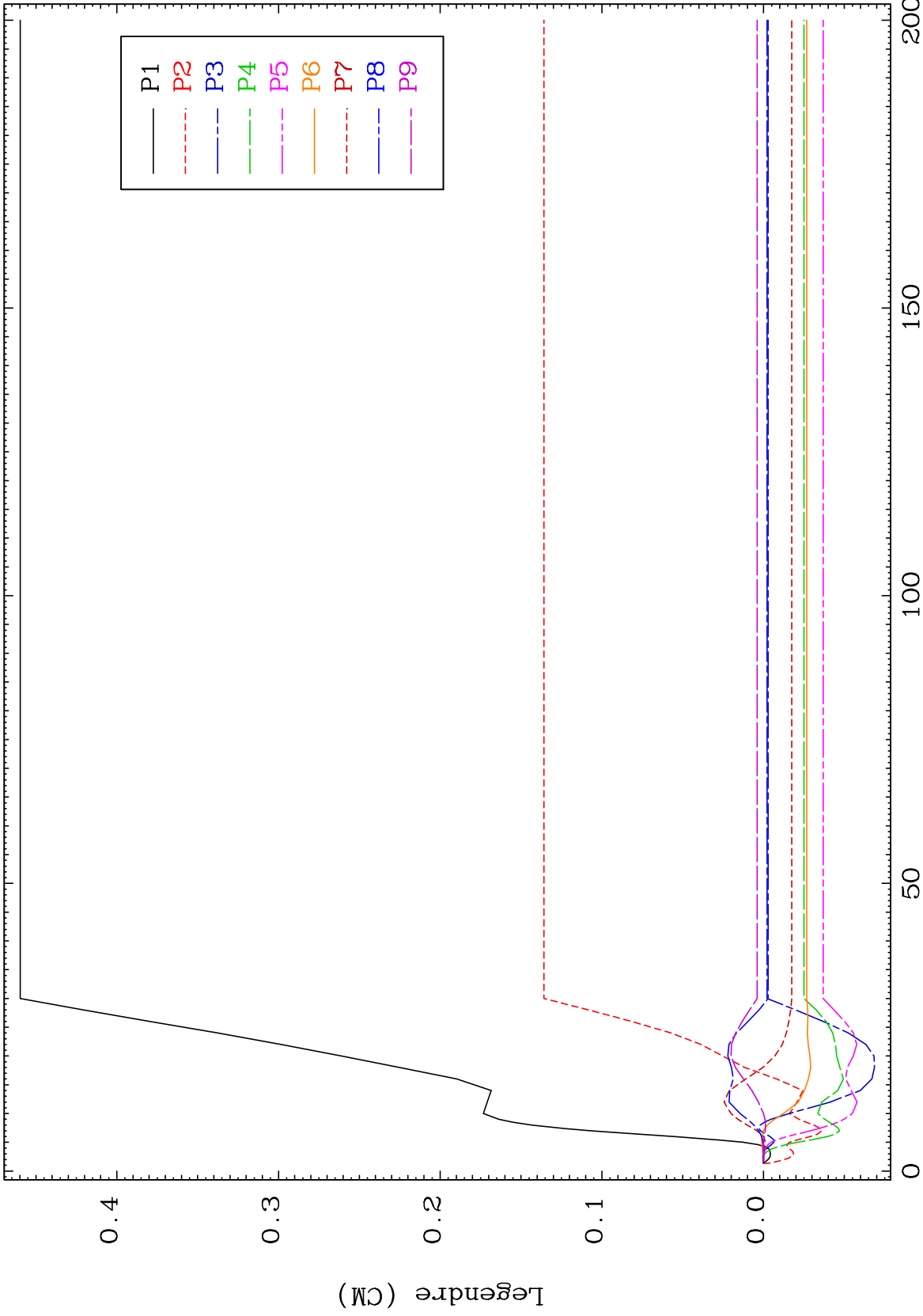
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



47

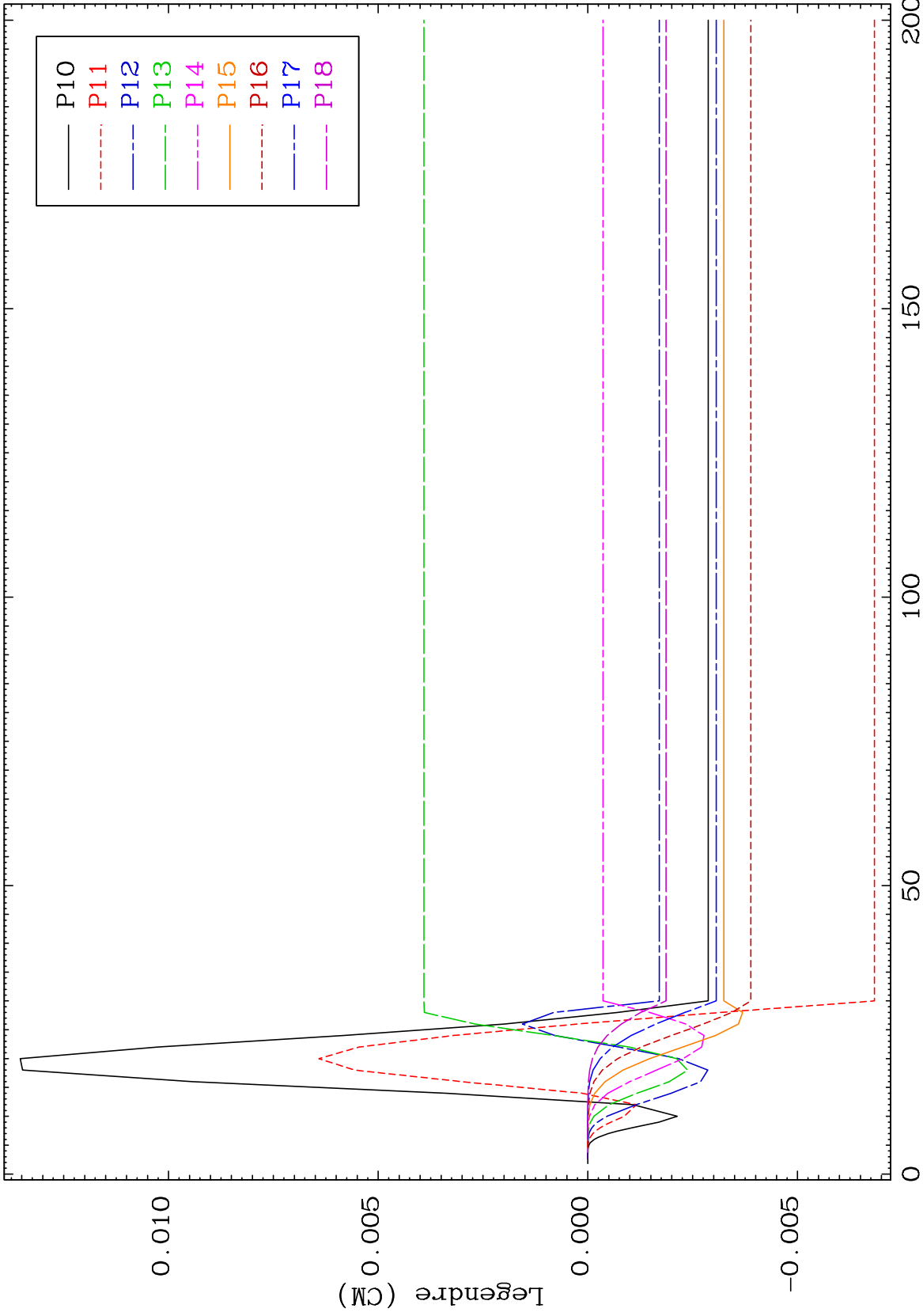
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

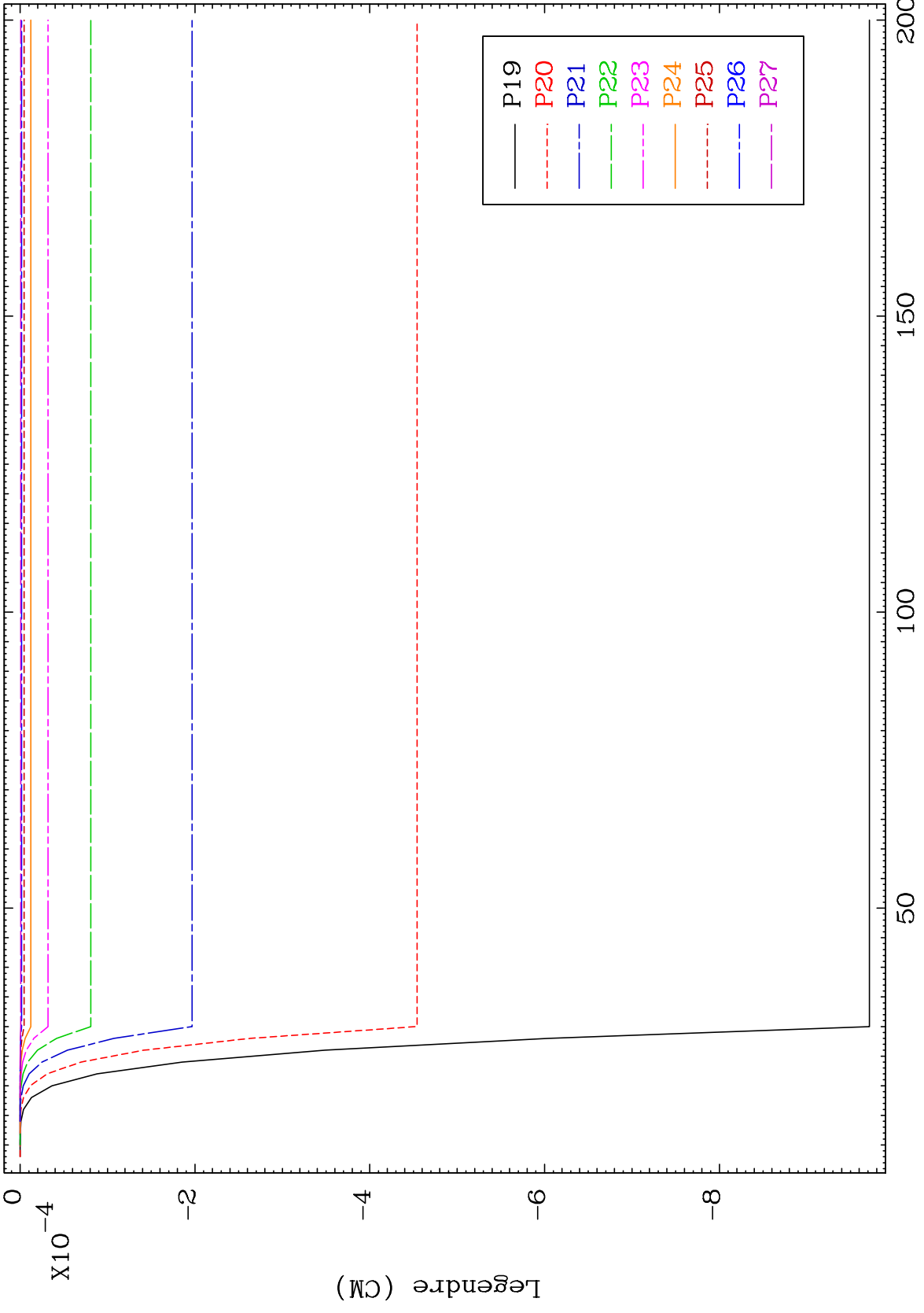
31-Ga-77



48

Incident Energy (MeV)

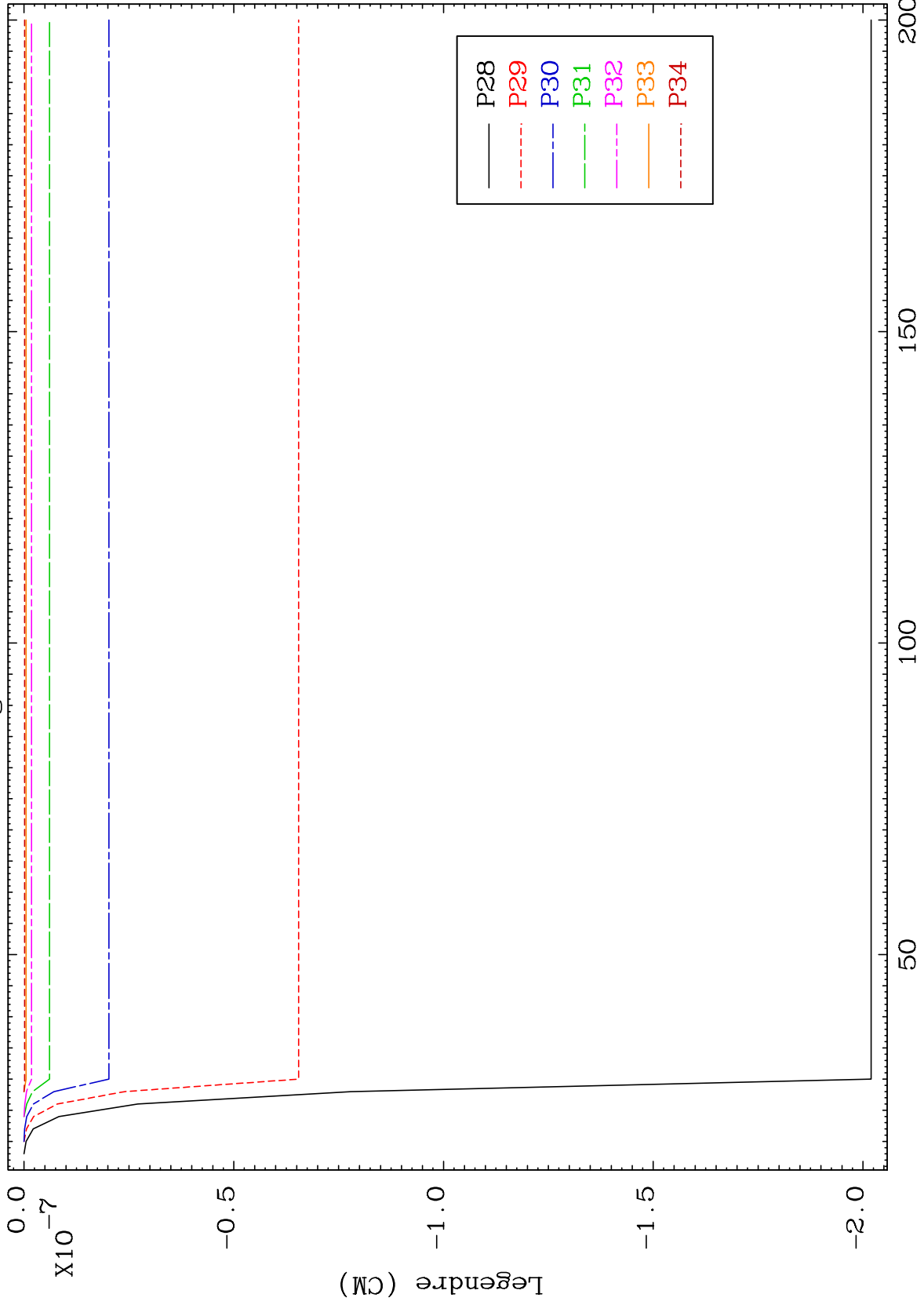
31-Ga-77



MAT 3149

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

31-Ga-77



31-Ga-77

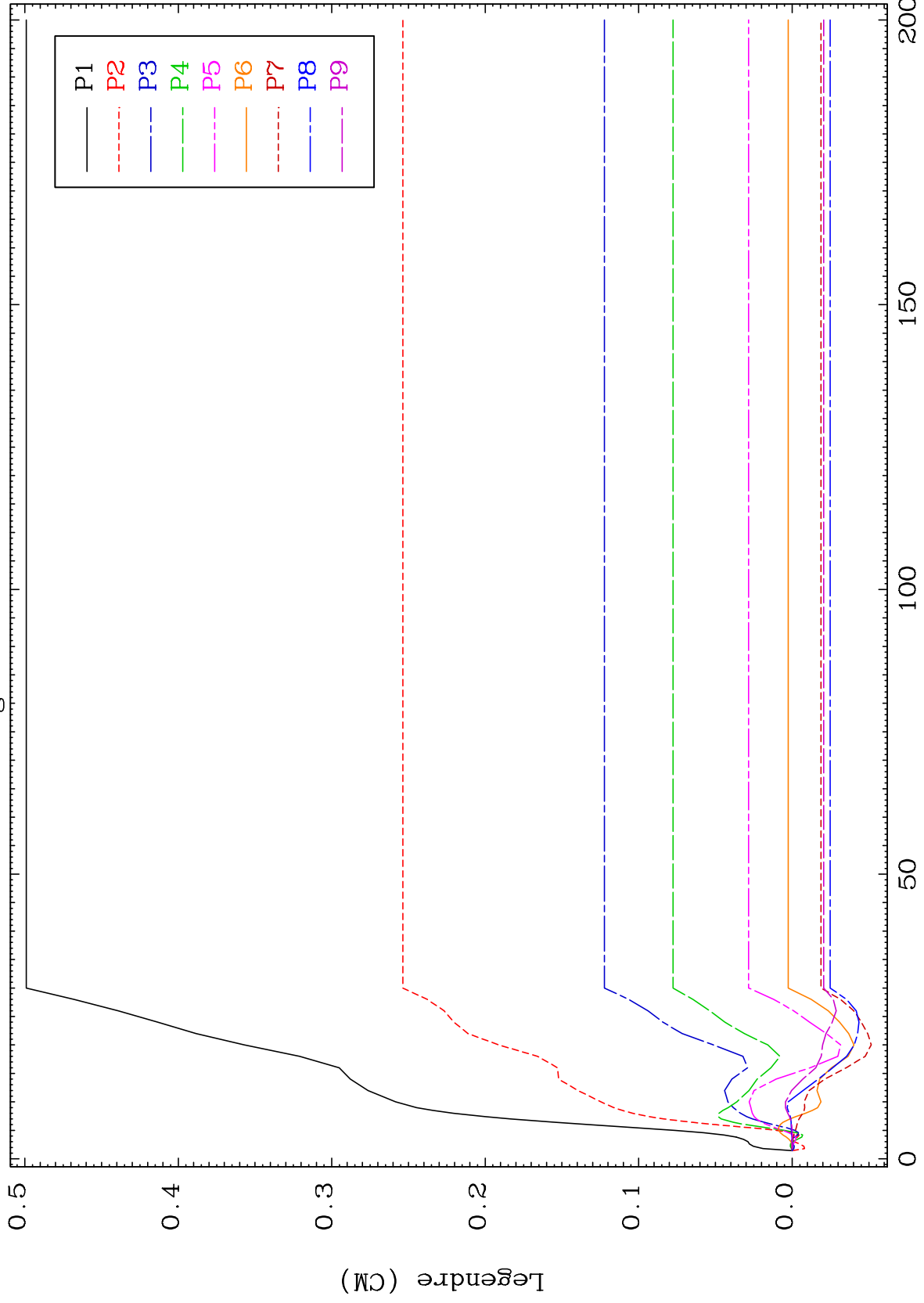
Incident Energy (MeV)

50

MAT 3149

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

31-Ga-77



31-Ga-77

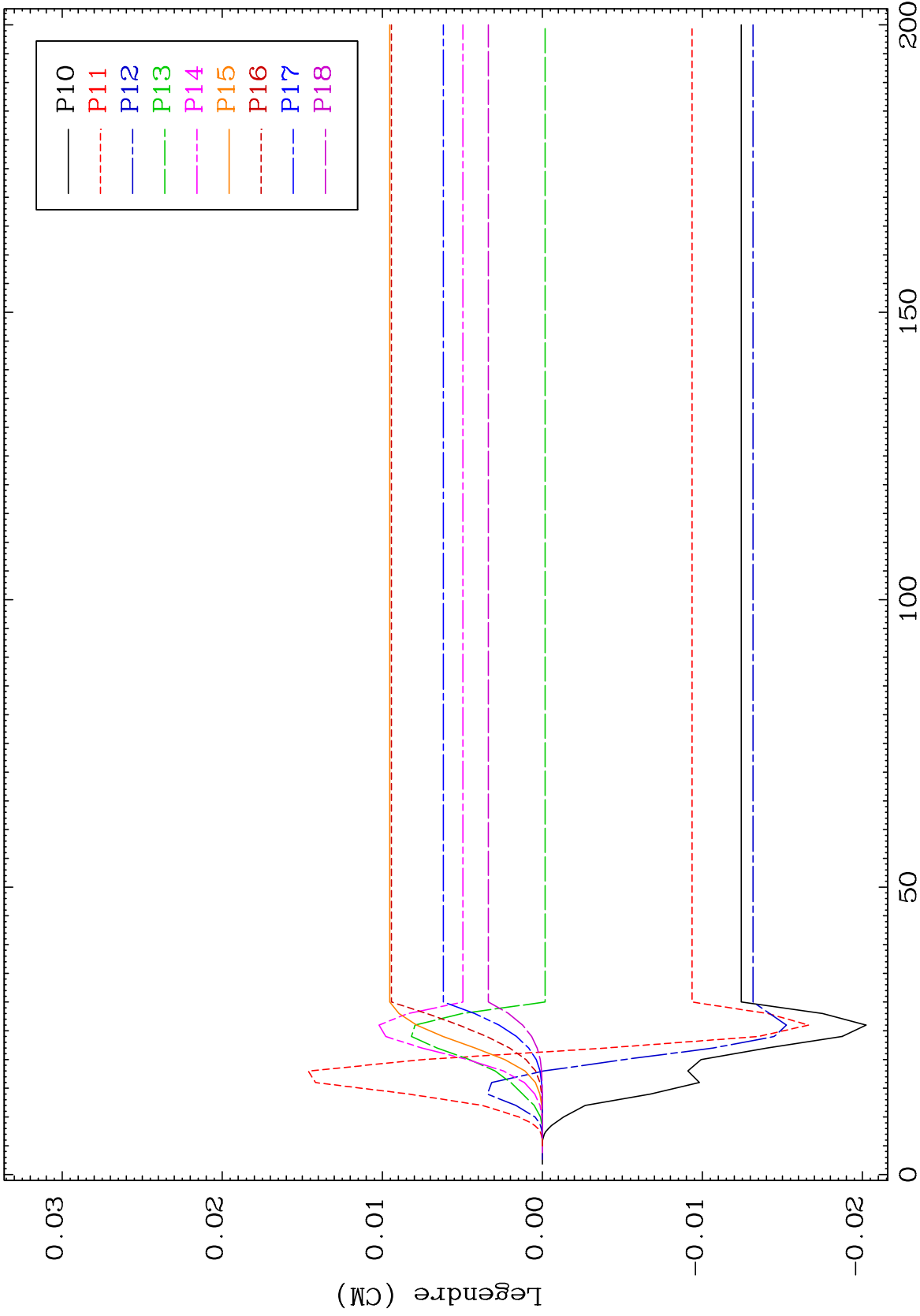
Incident Energy (MeV)

51

MAT 3149

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

31-Ga-77



52

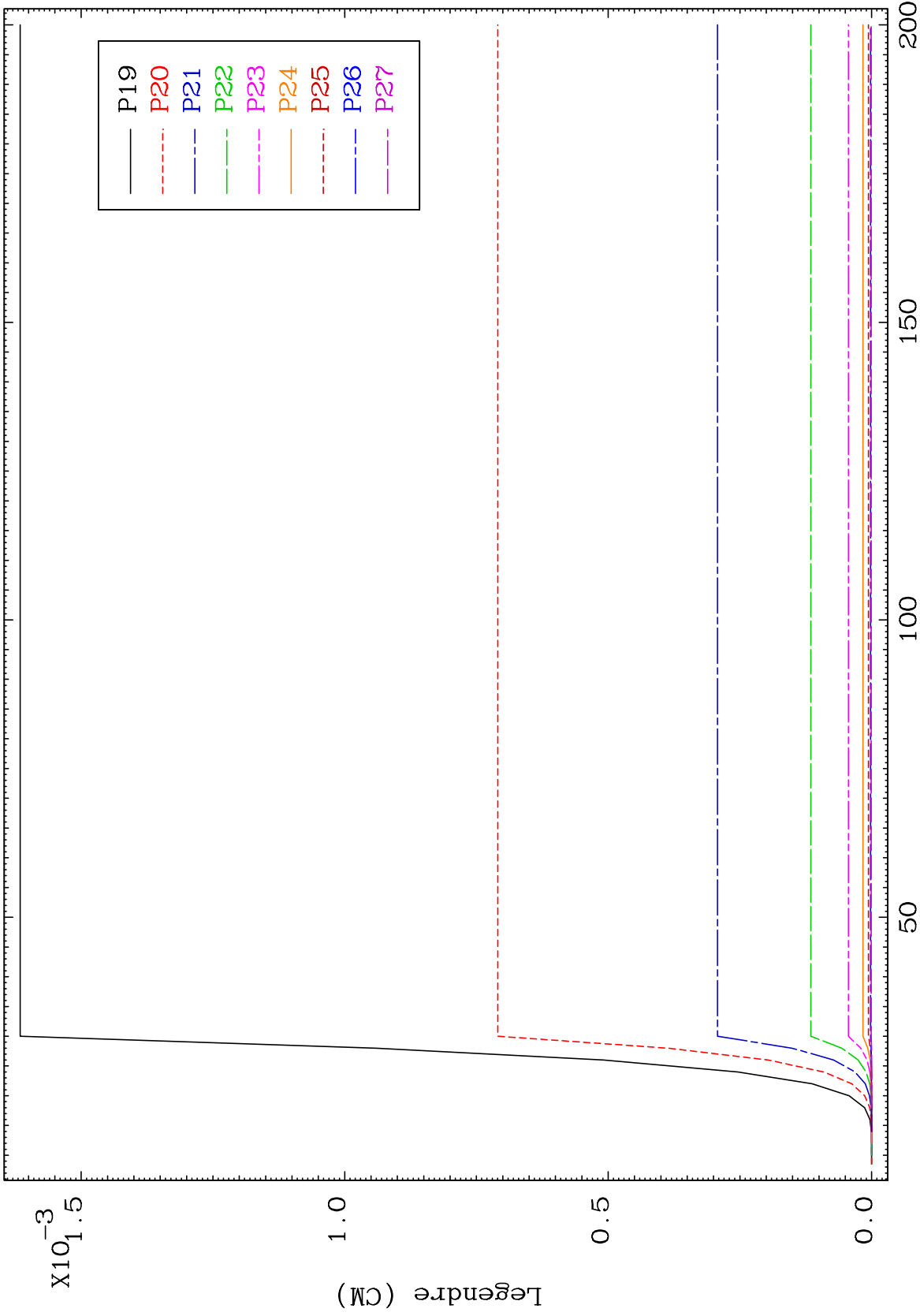
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



53

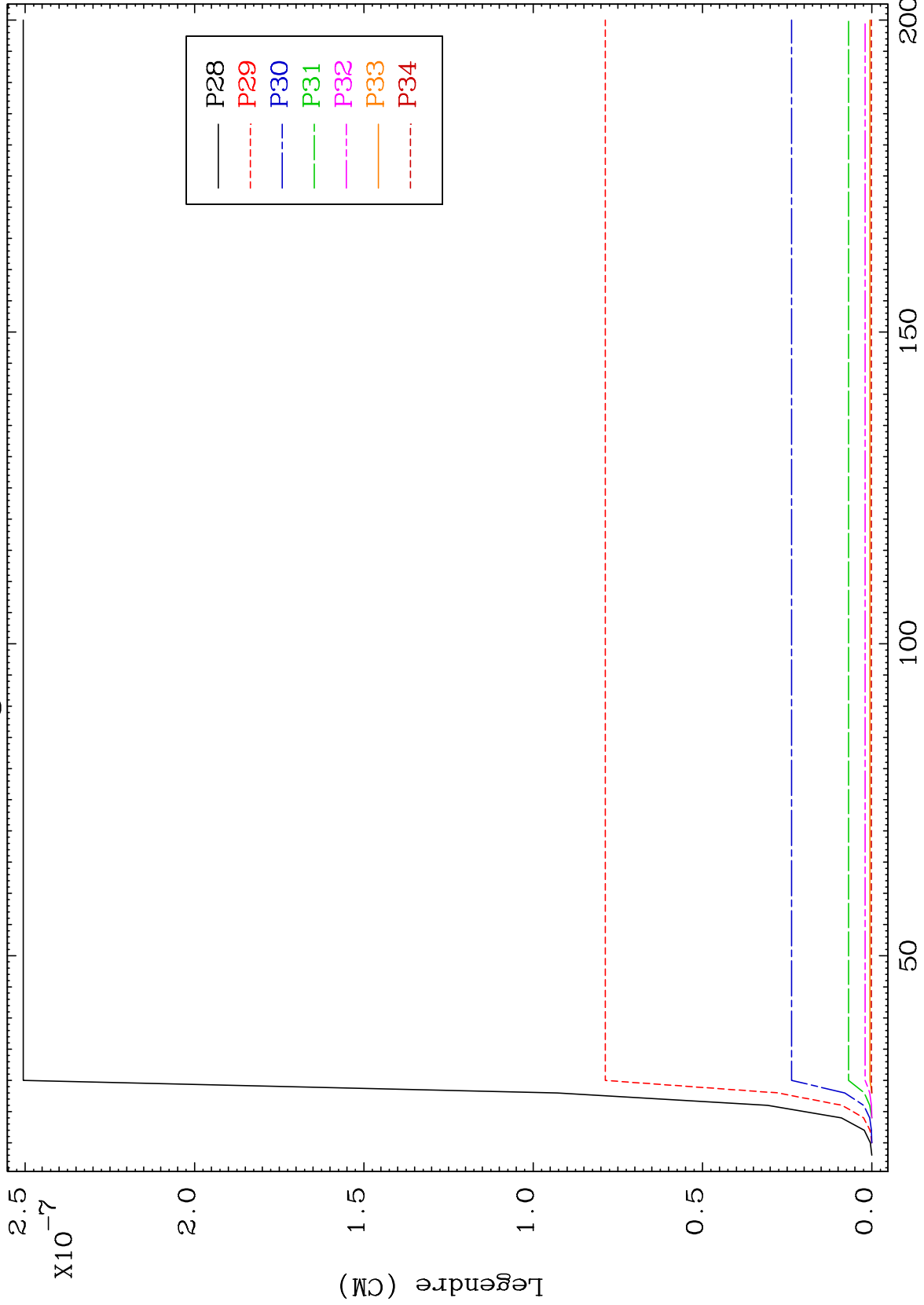
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



54

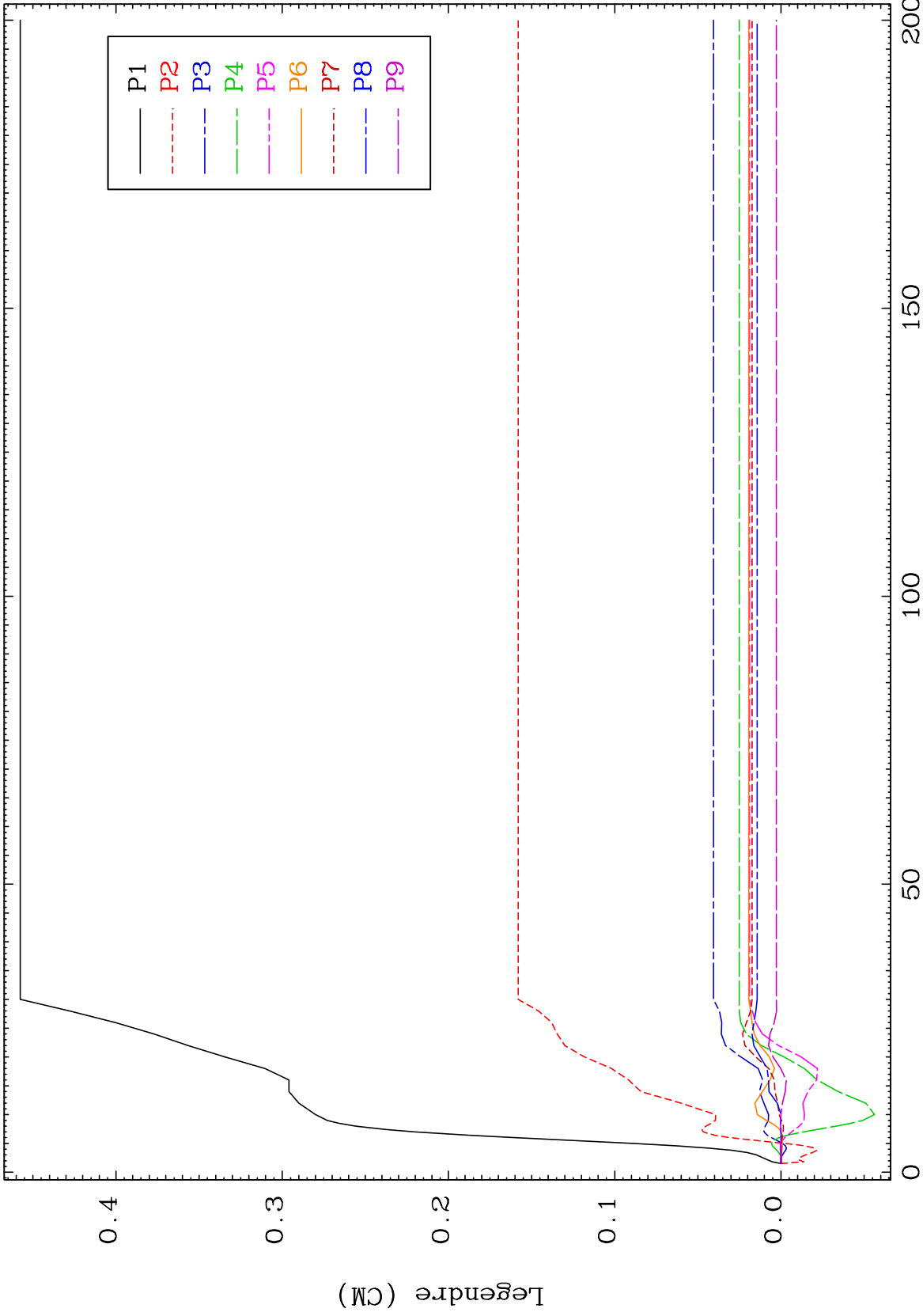
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



55

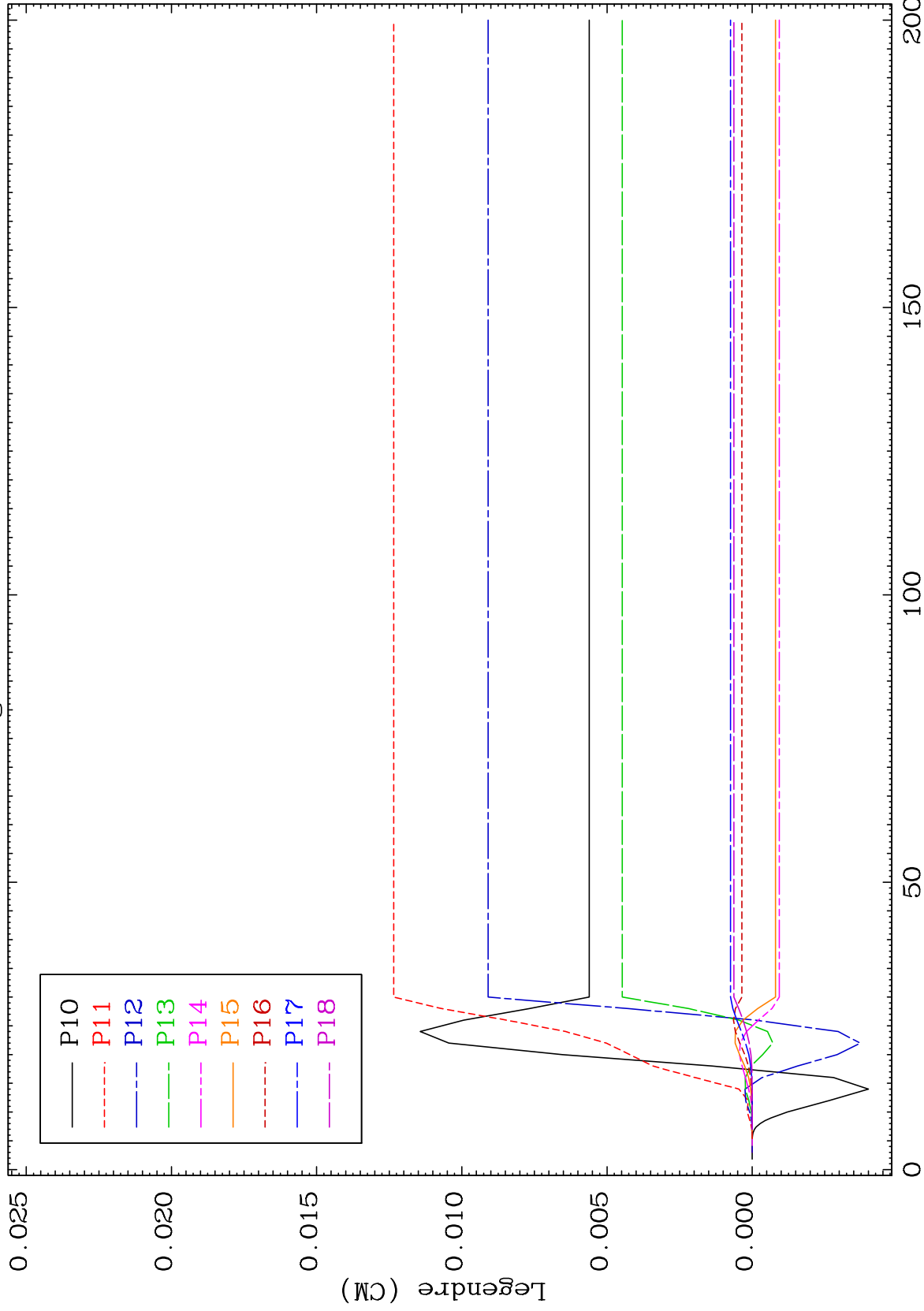
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



56

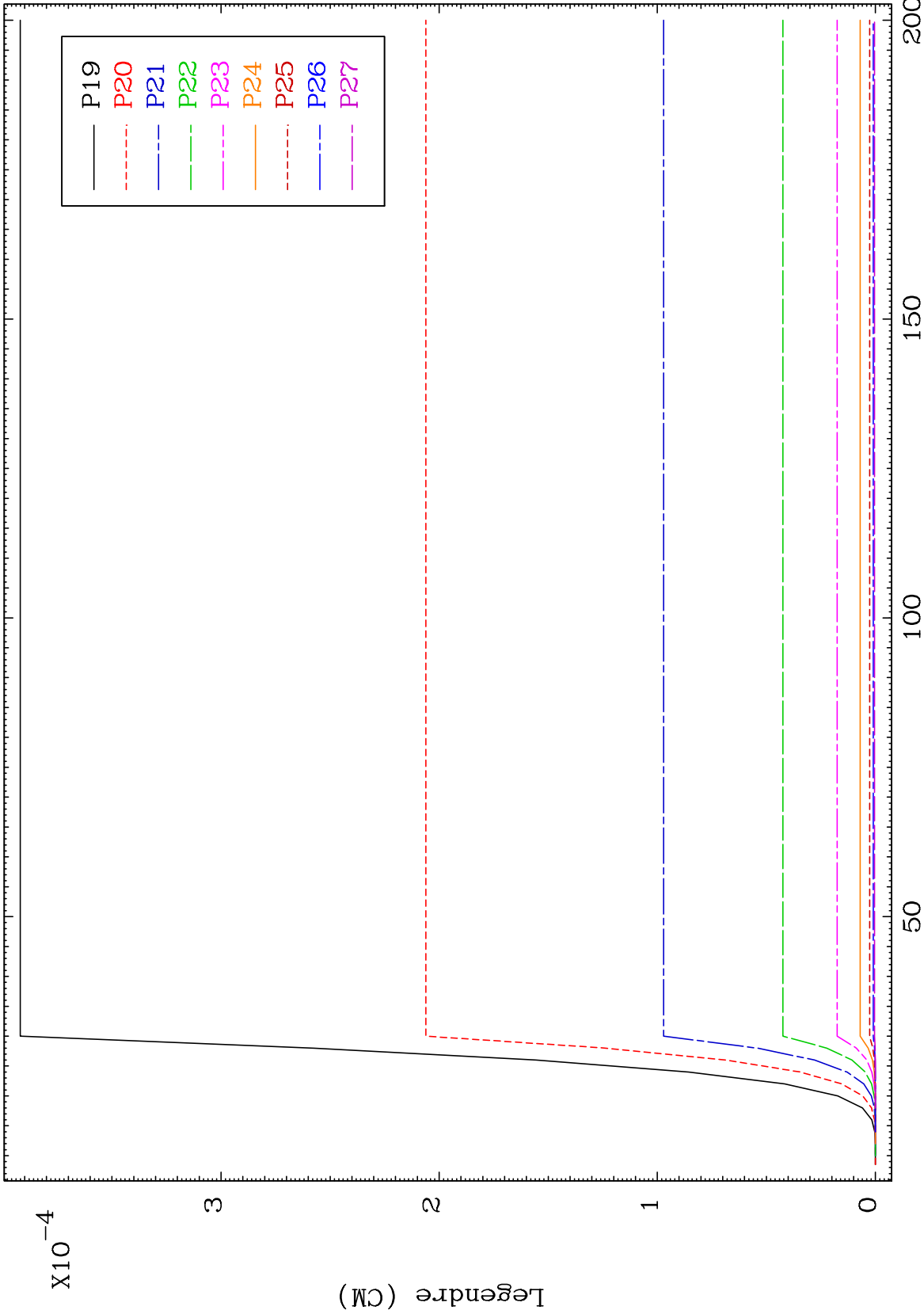
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



57

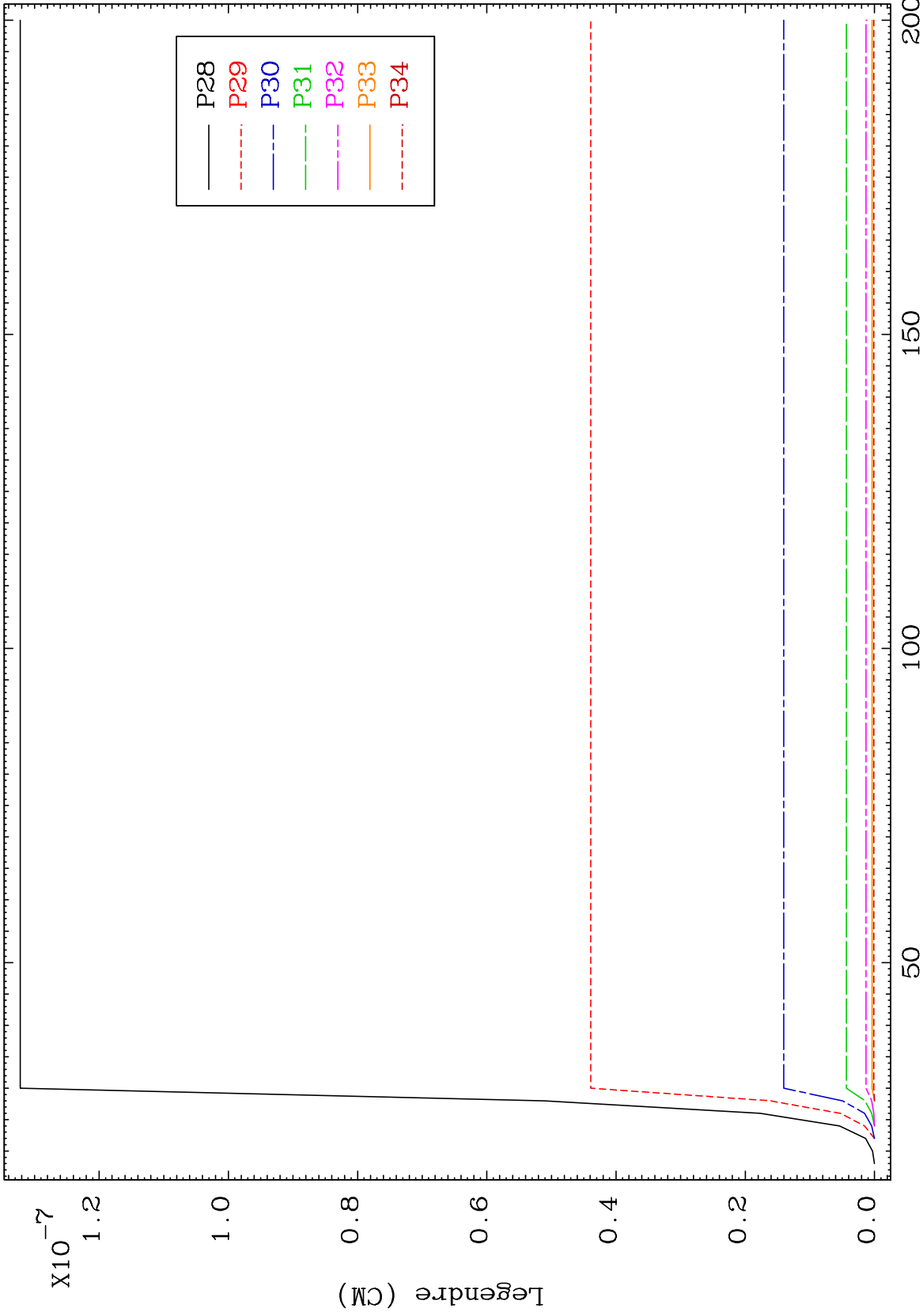
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



58

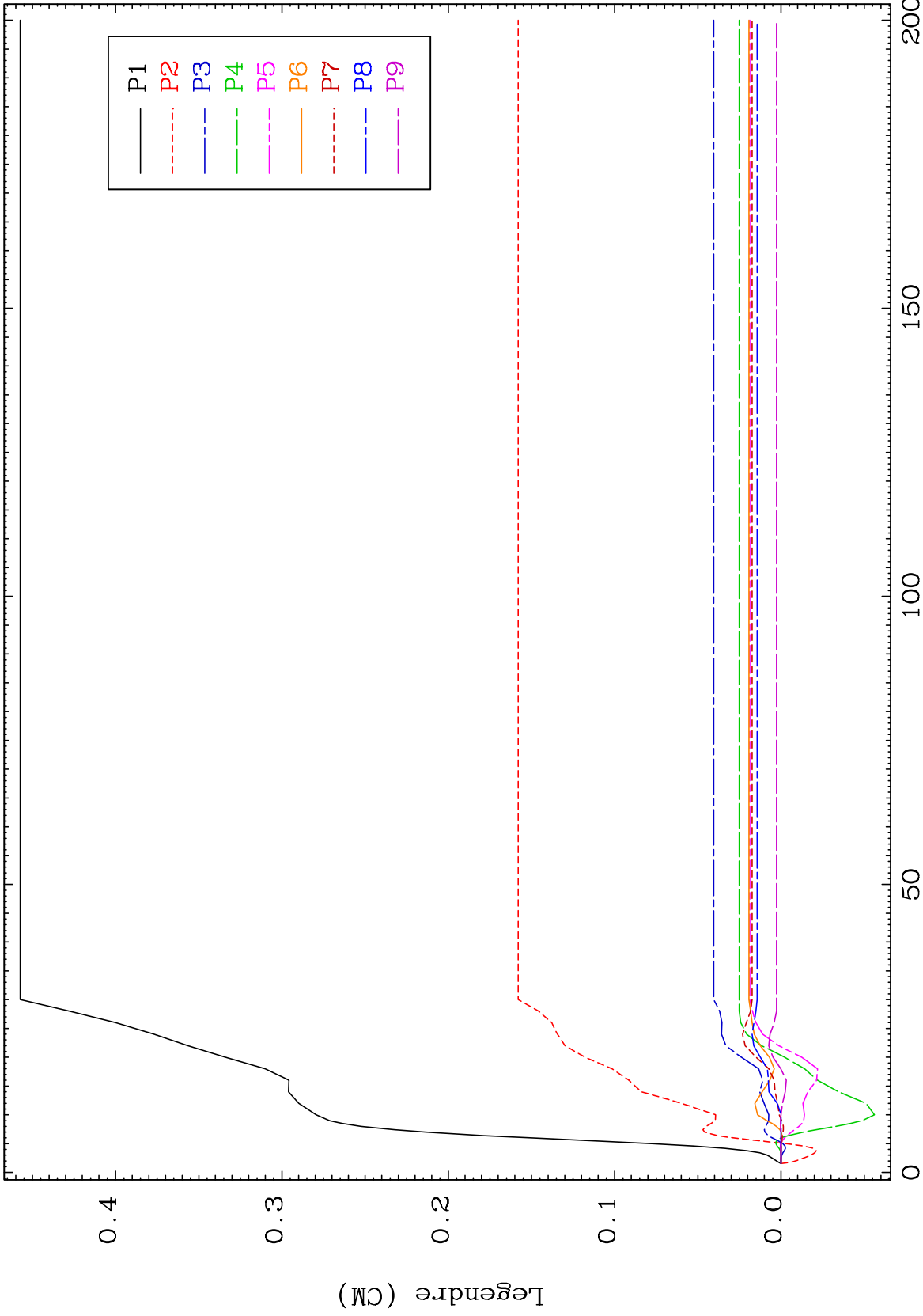
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



59

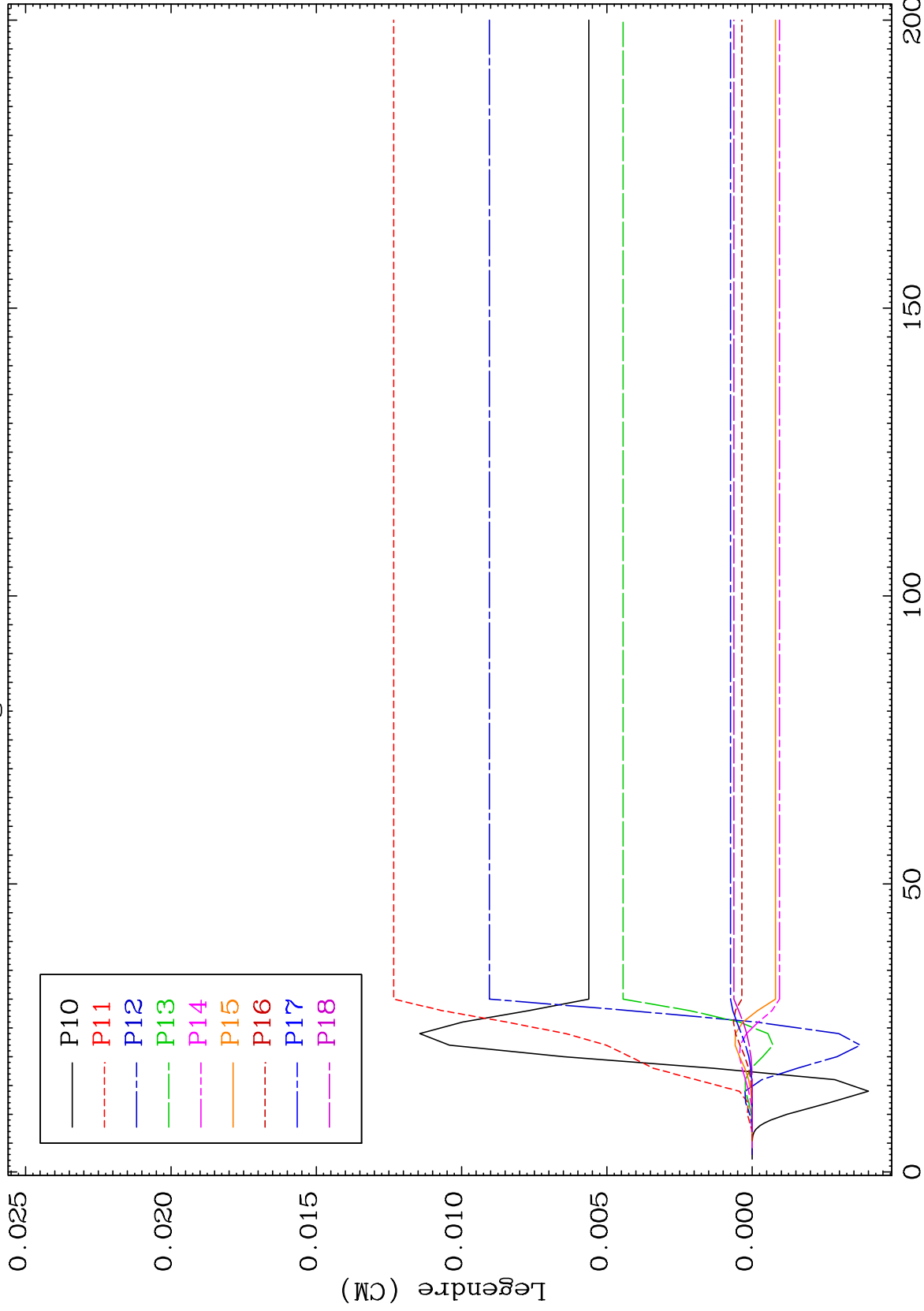
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



31-Ga-77

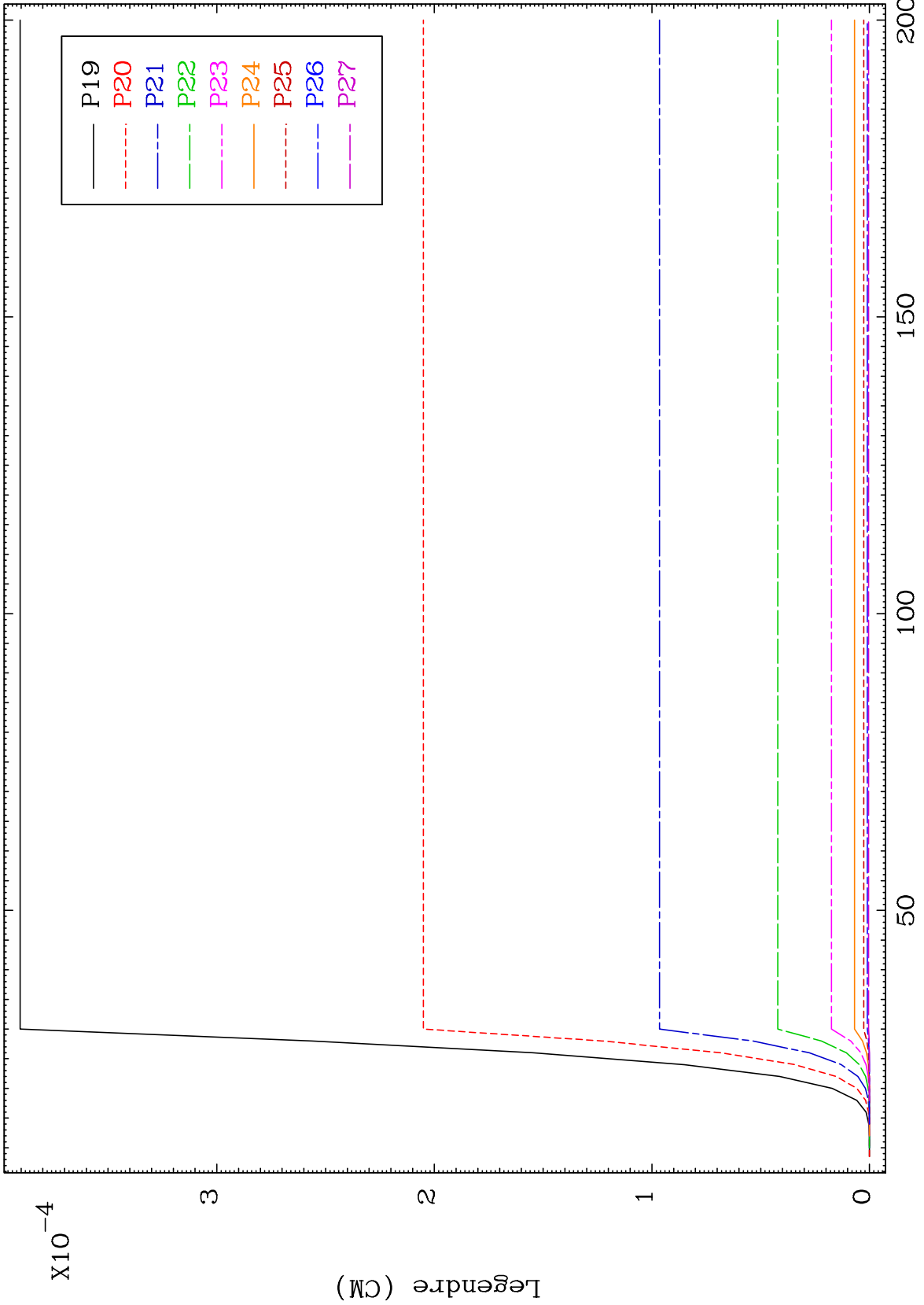
Incident Energy (MeV)

60

MAT 3149

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

31-Ga-77



61

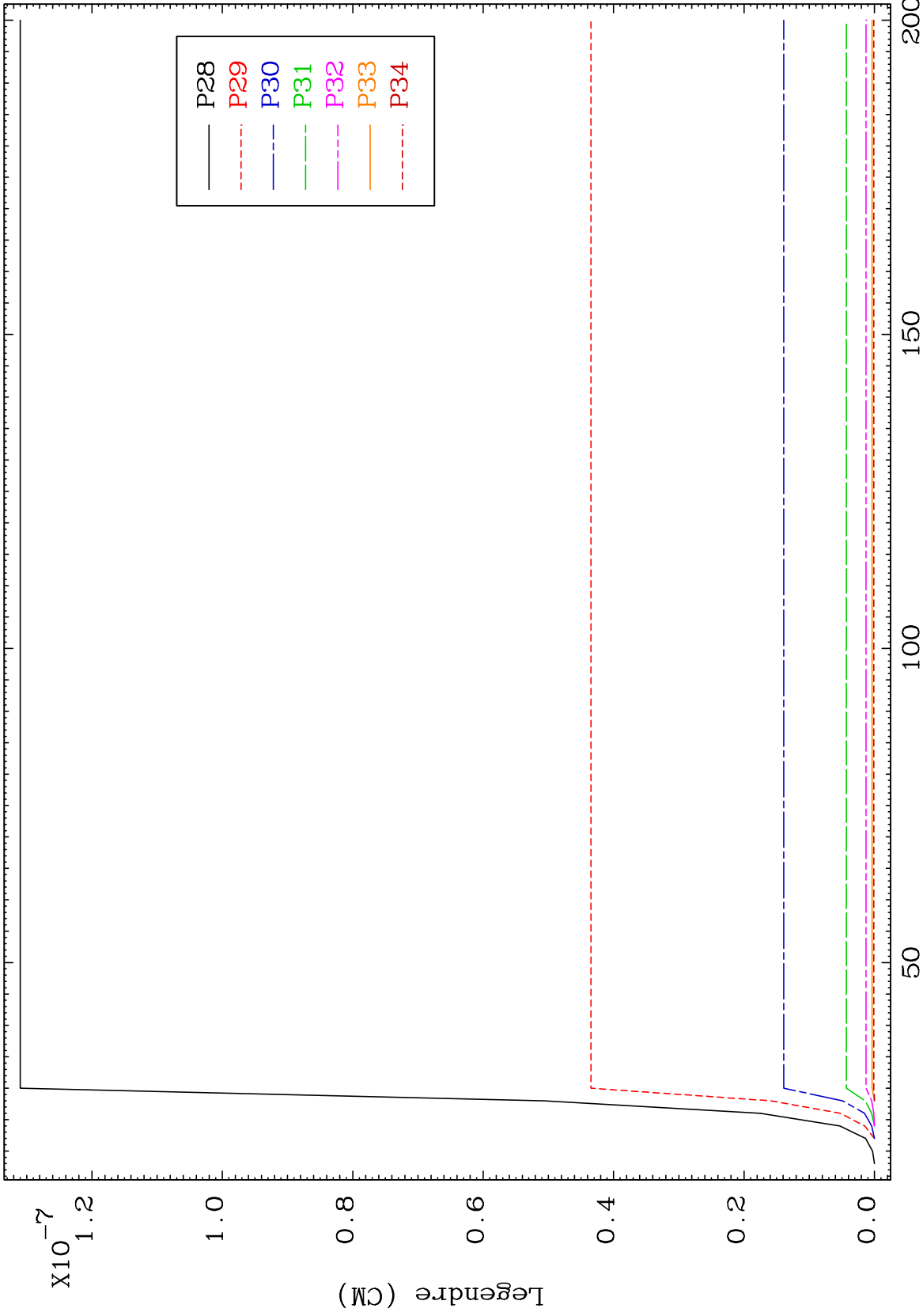
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



62

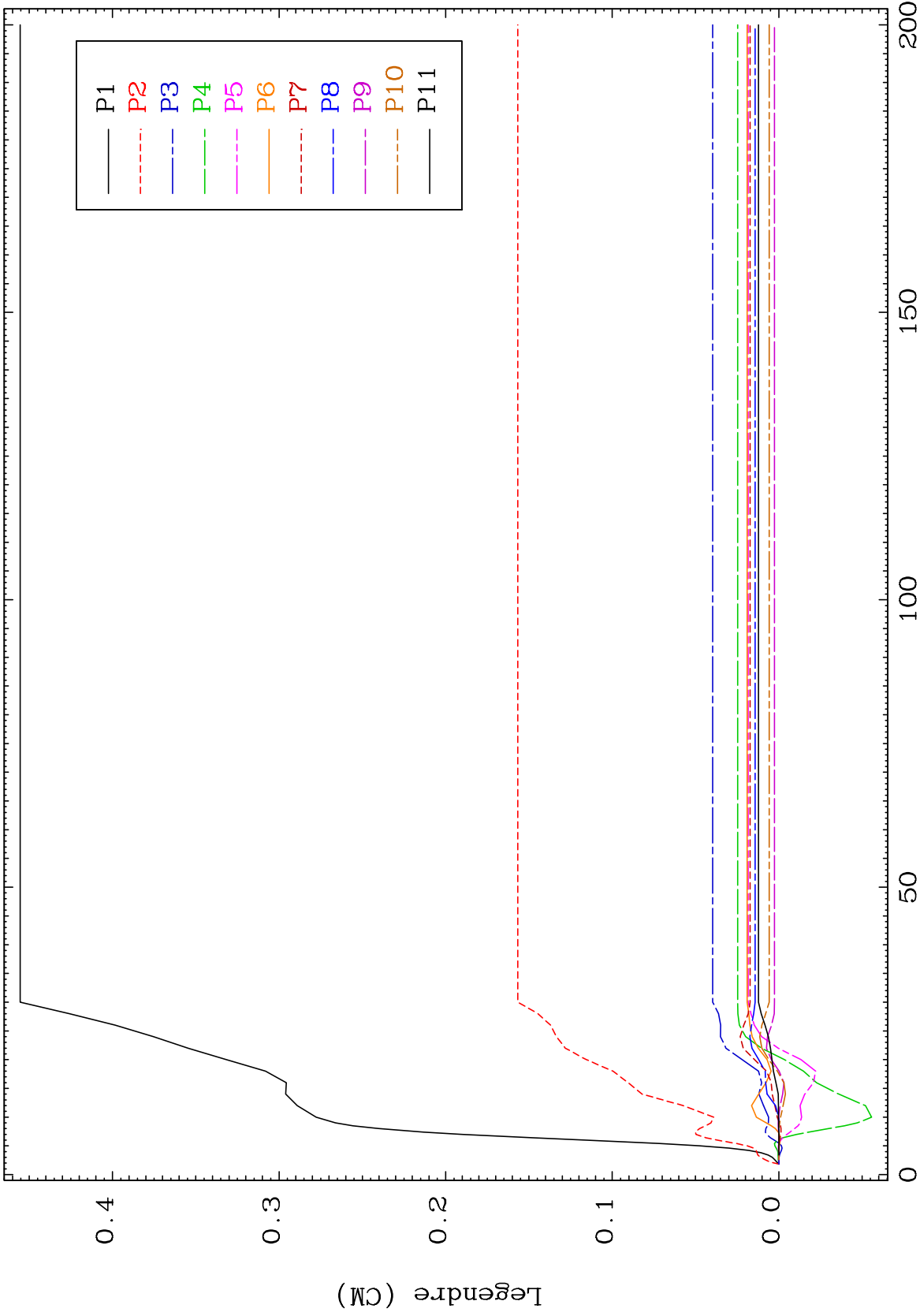
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



63

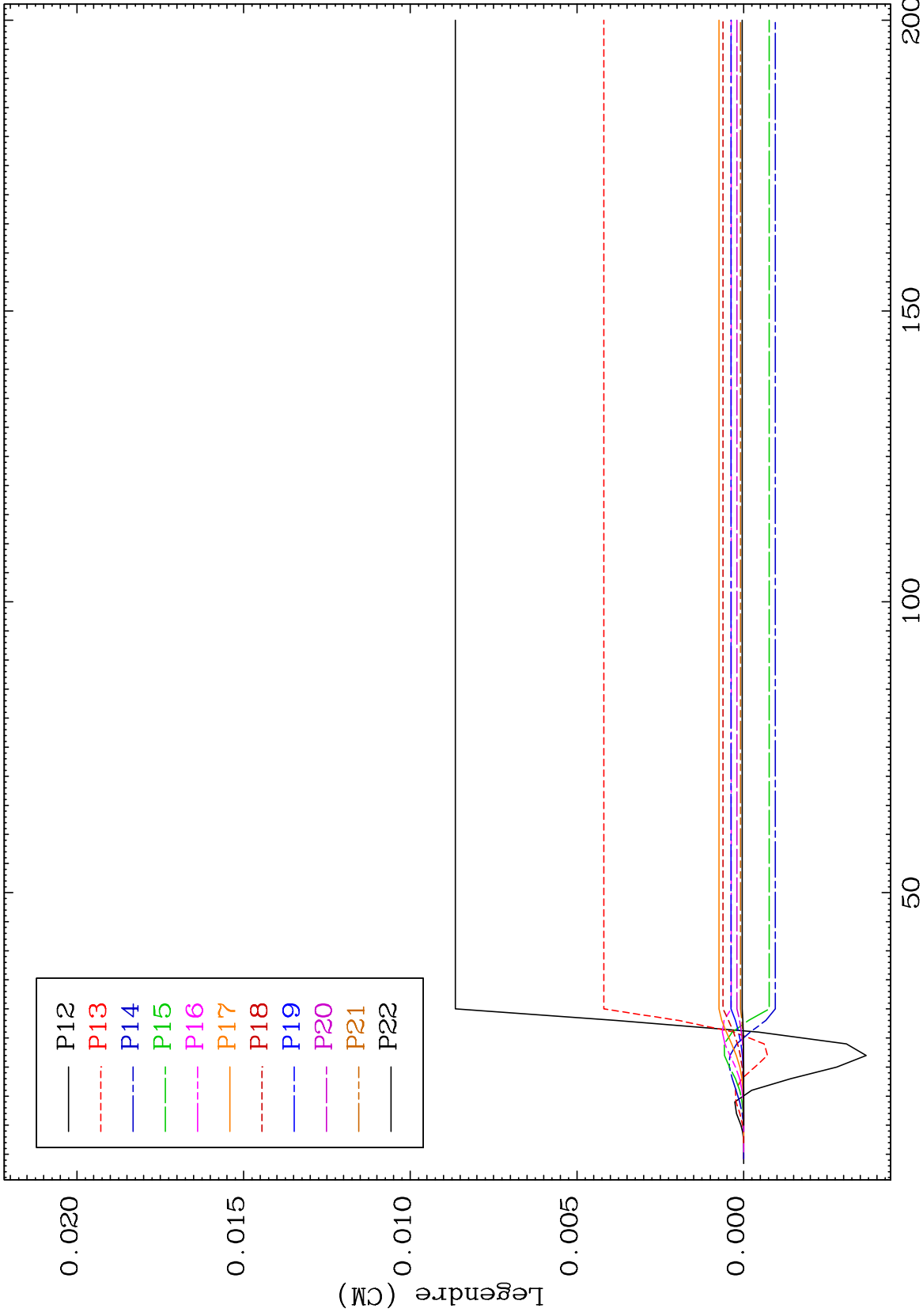
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



64

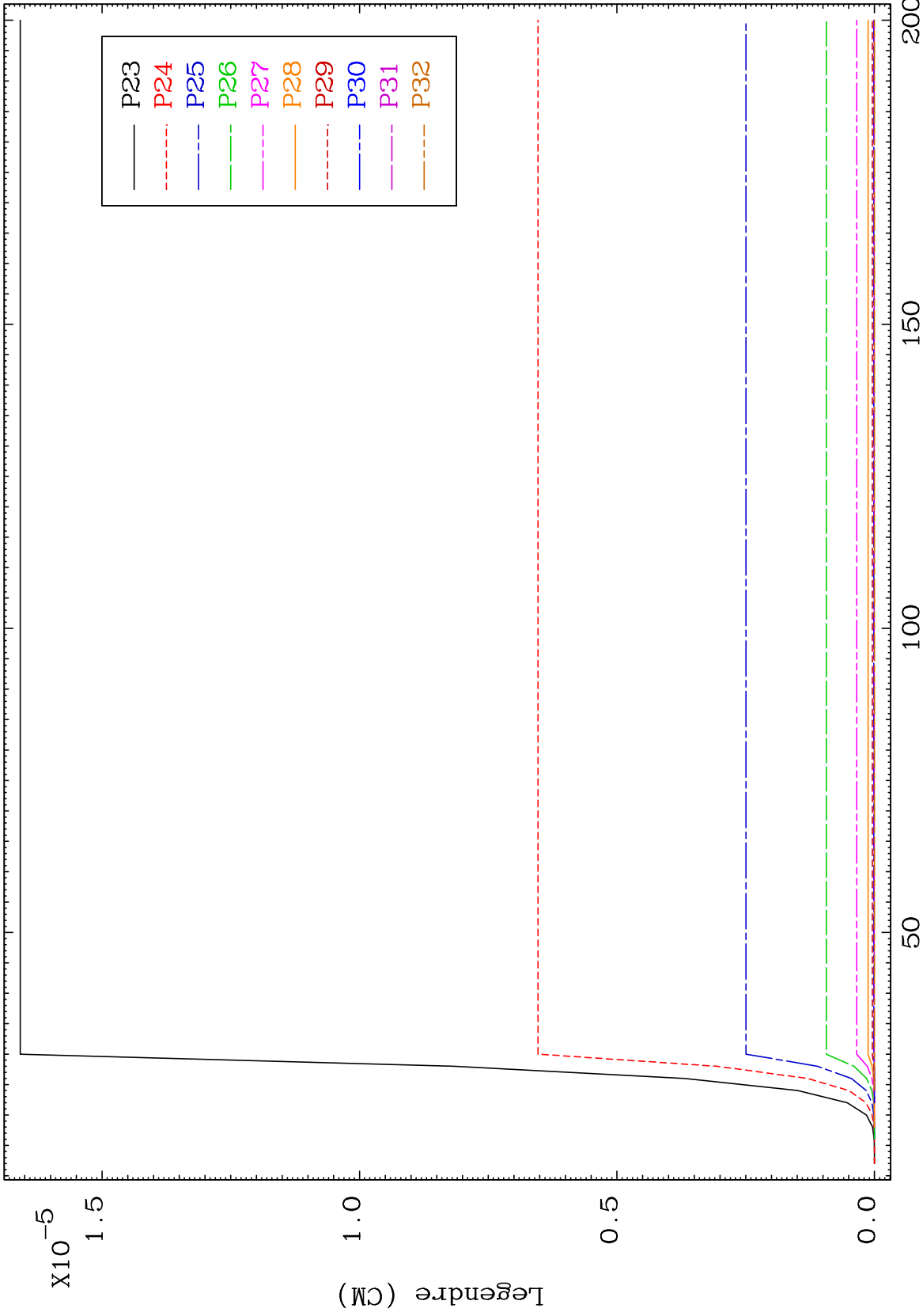
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



65

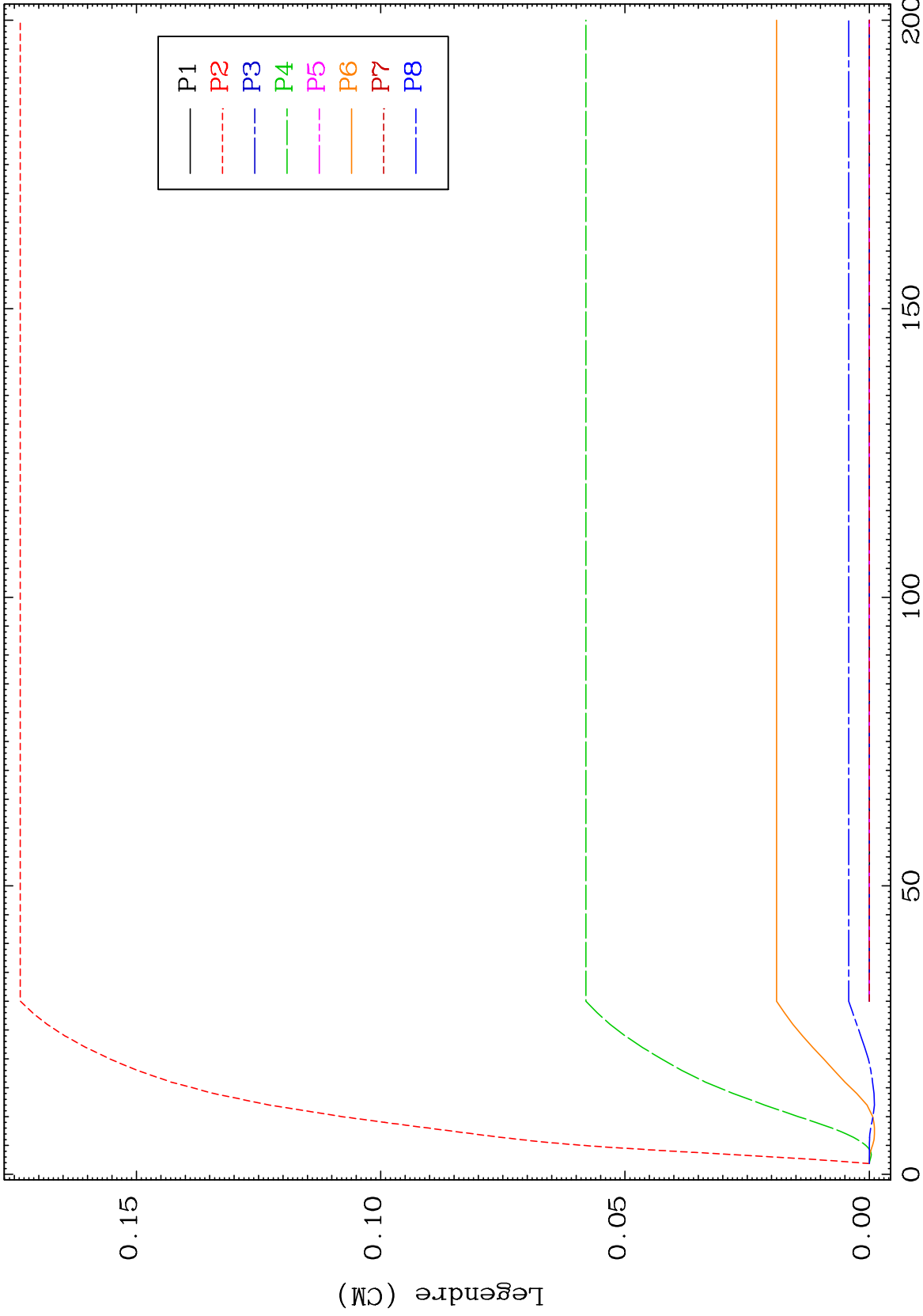
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



66

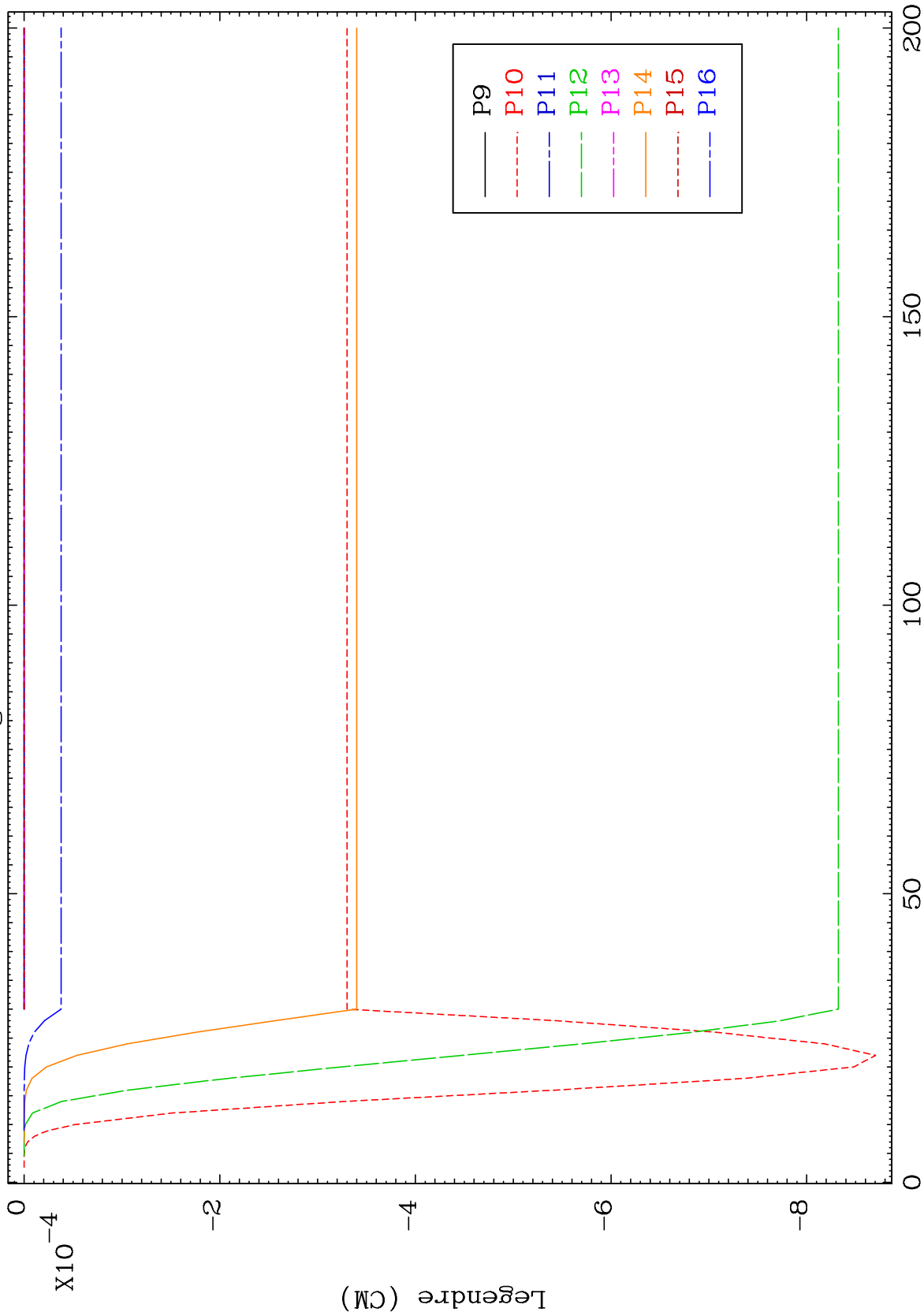
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



67

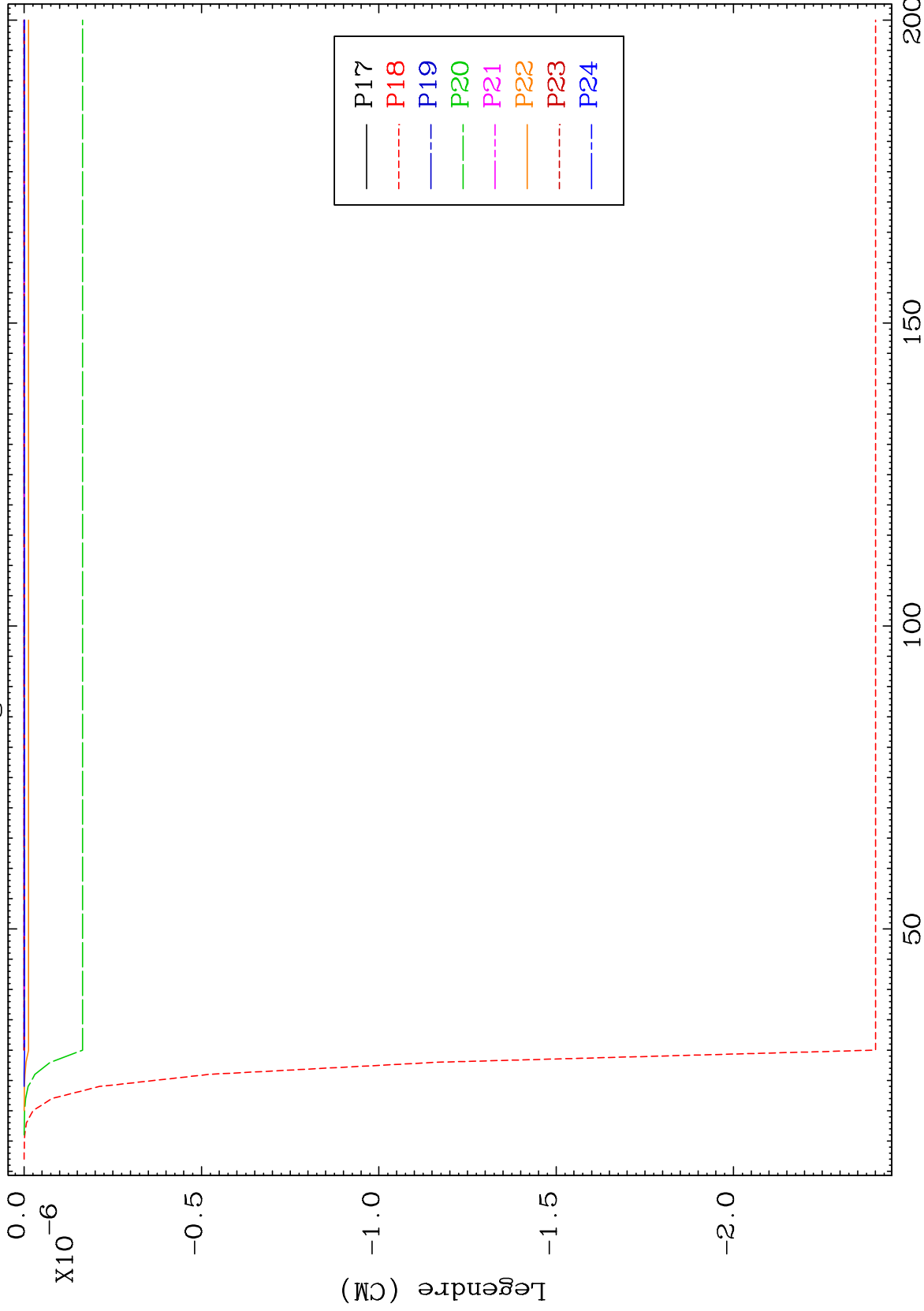
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77

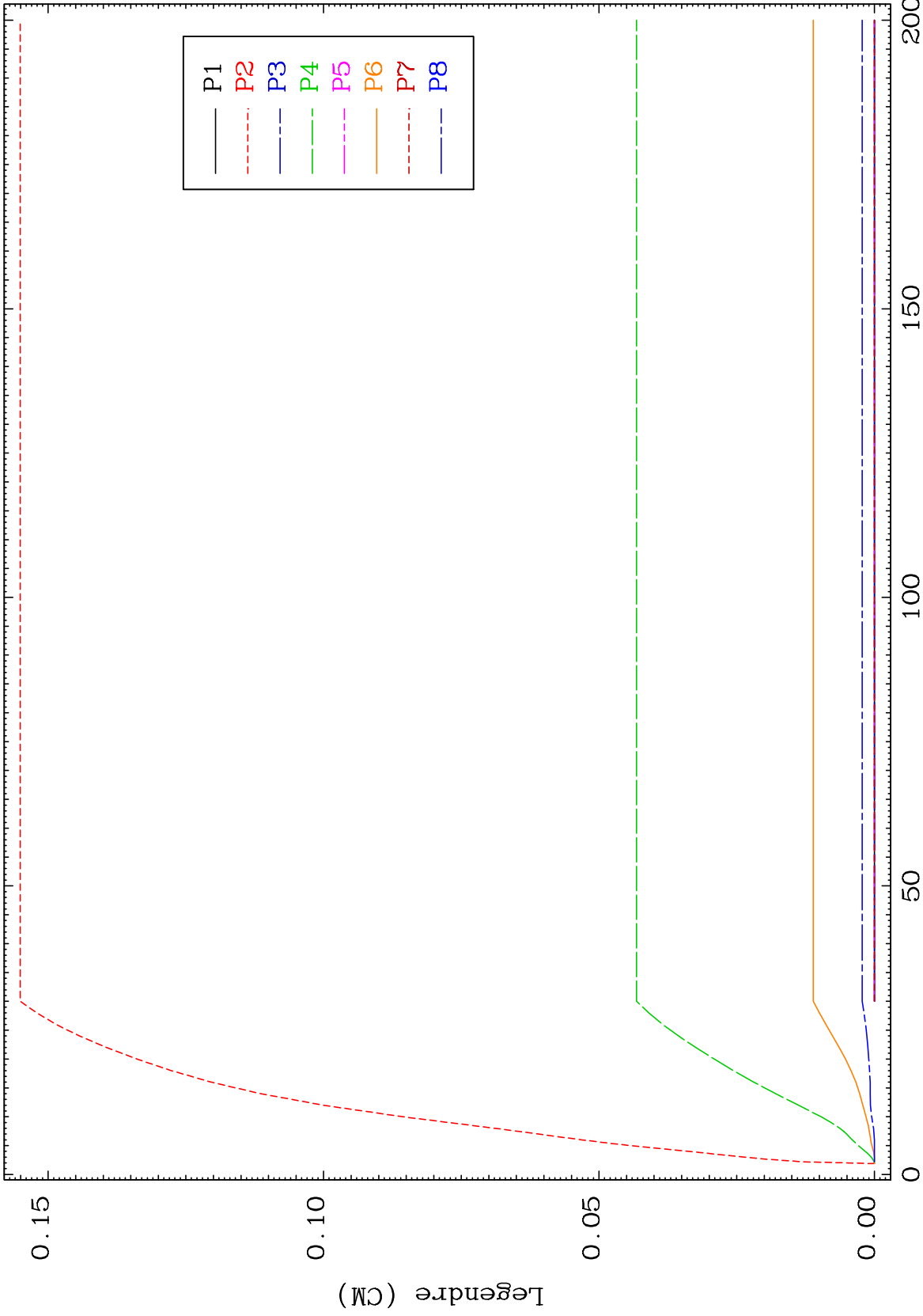


68

MAT 3149

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

31-Ga-77



69

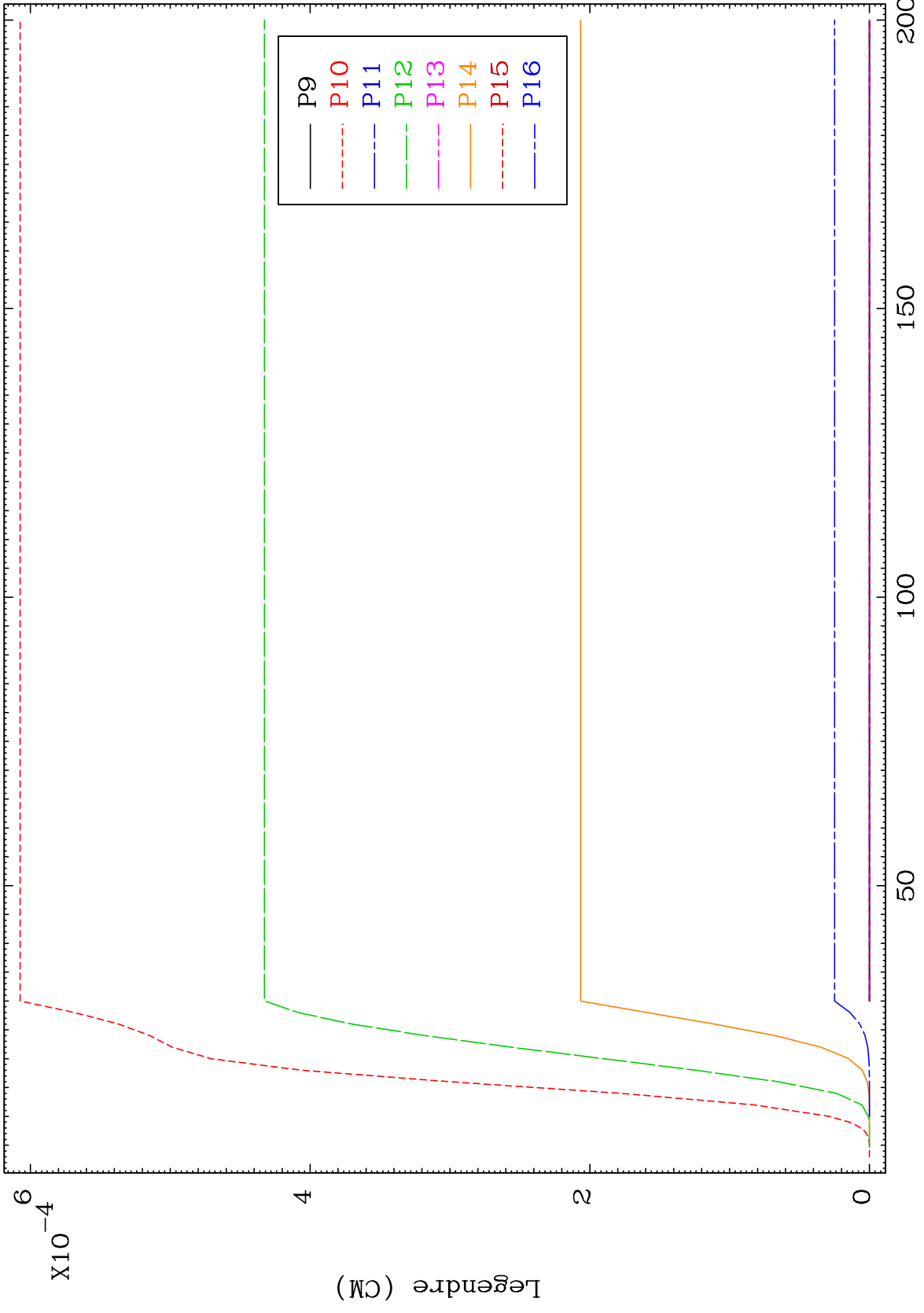
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



70

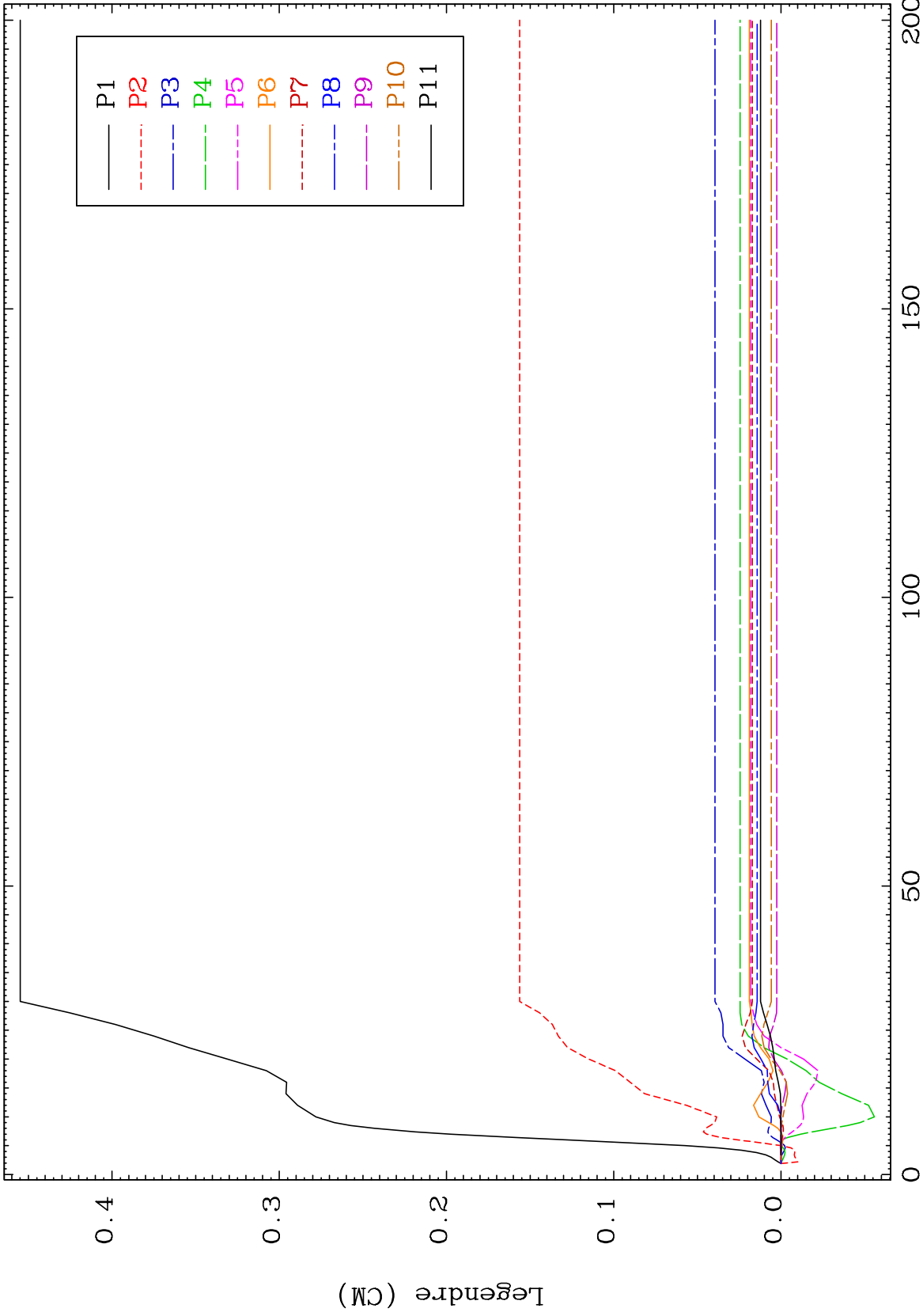
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



72

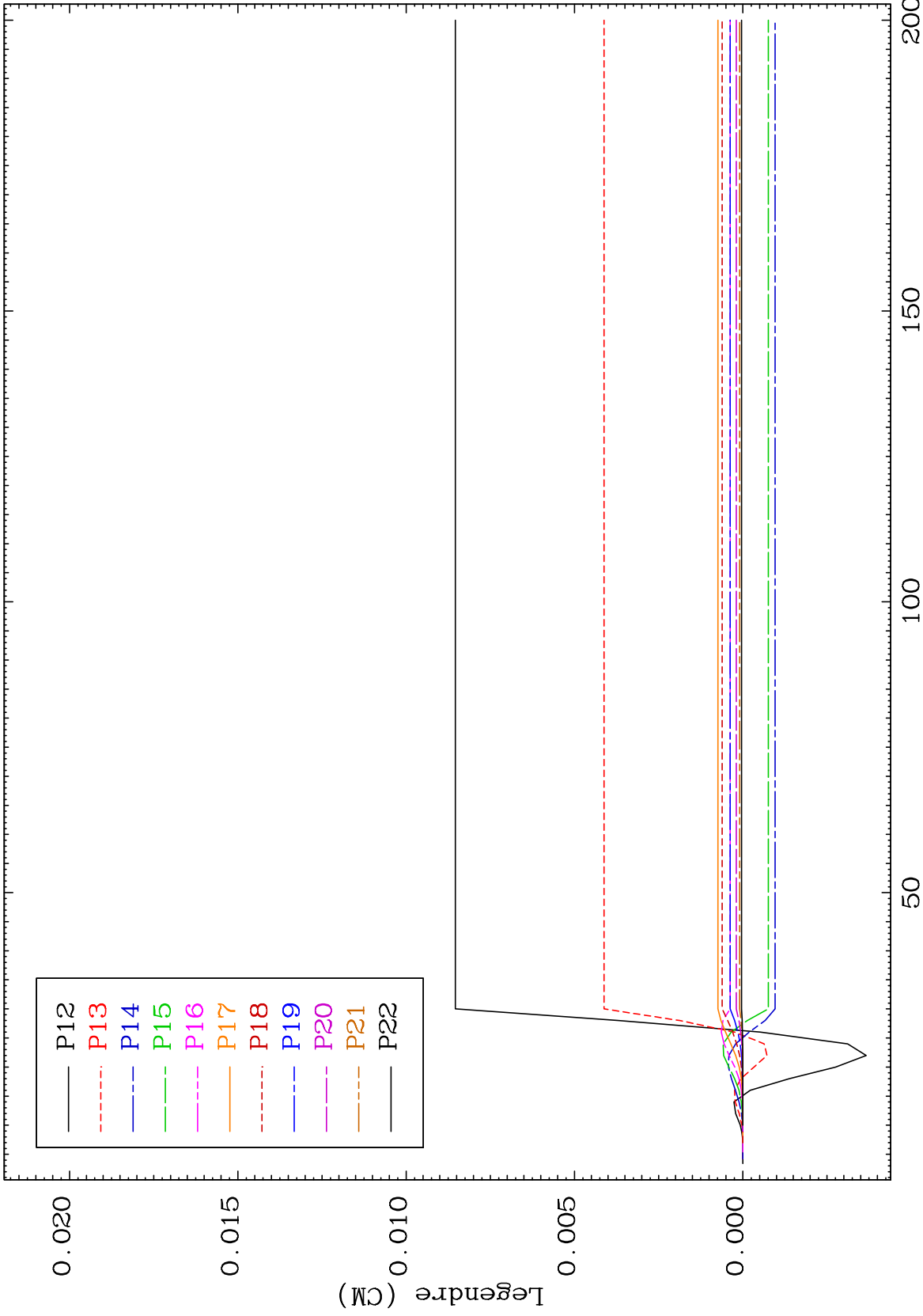
31-Ga-77

31-Ga-77

MAT 3149

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

31-Ga-77



73

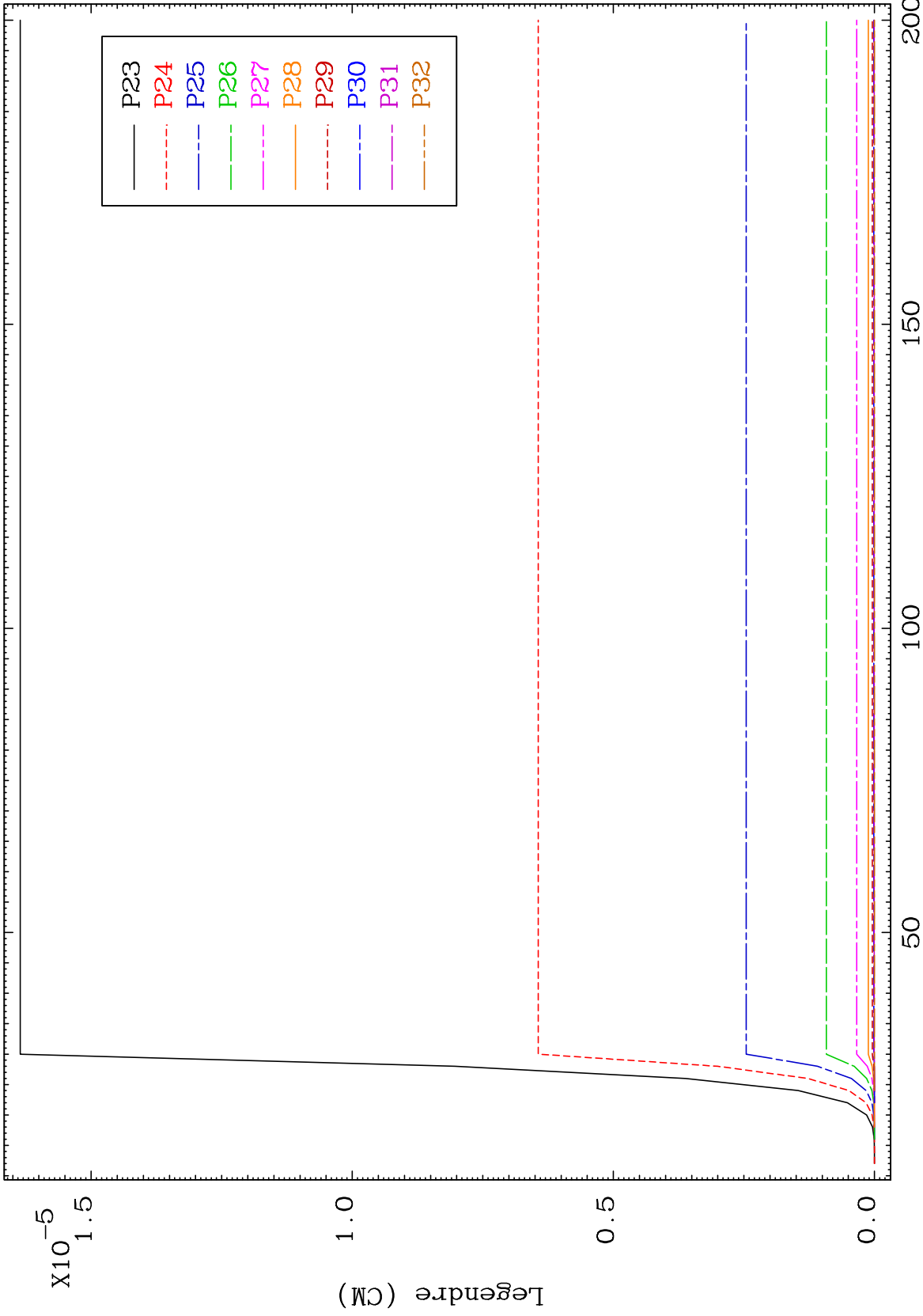
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



74

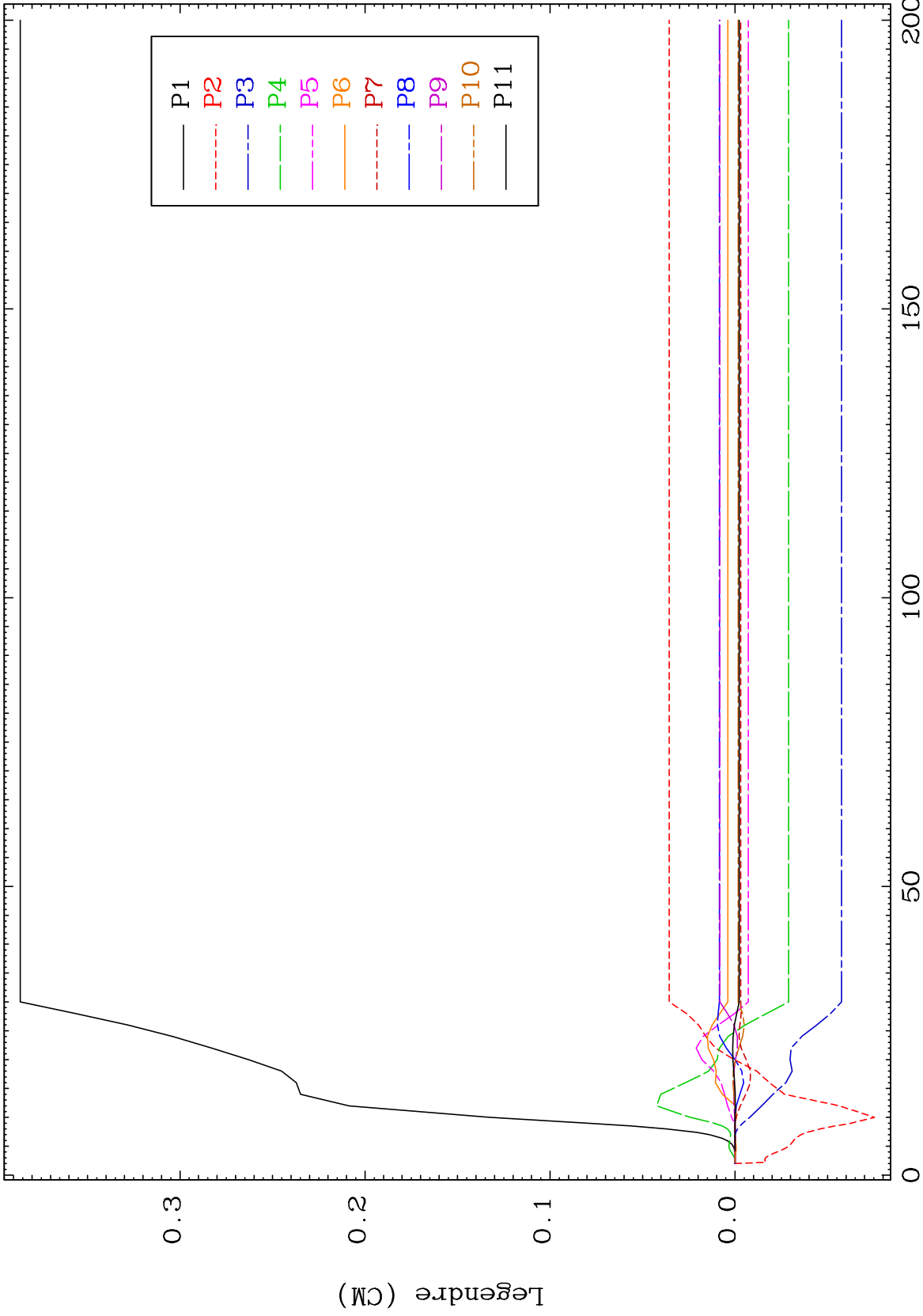
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



75

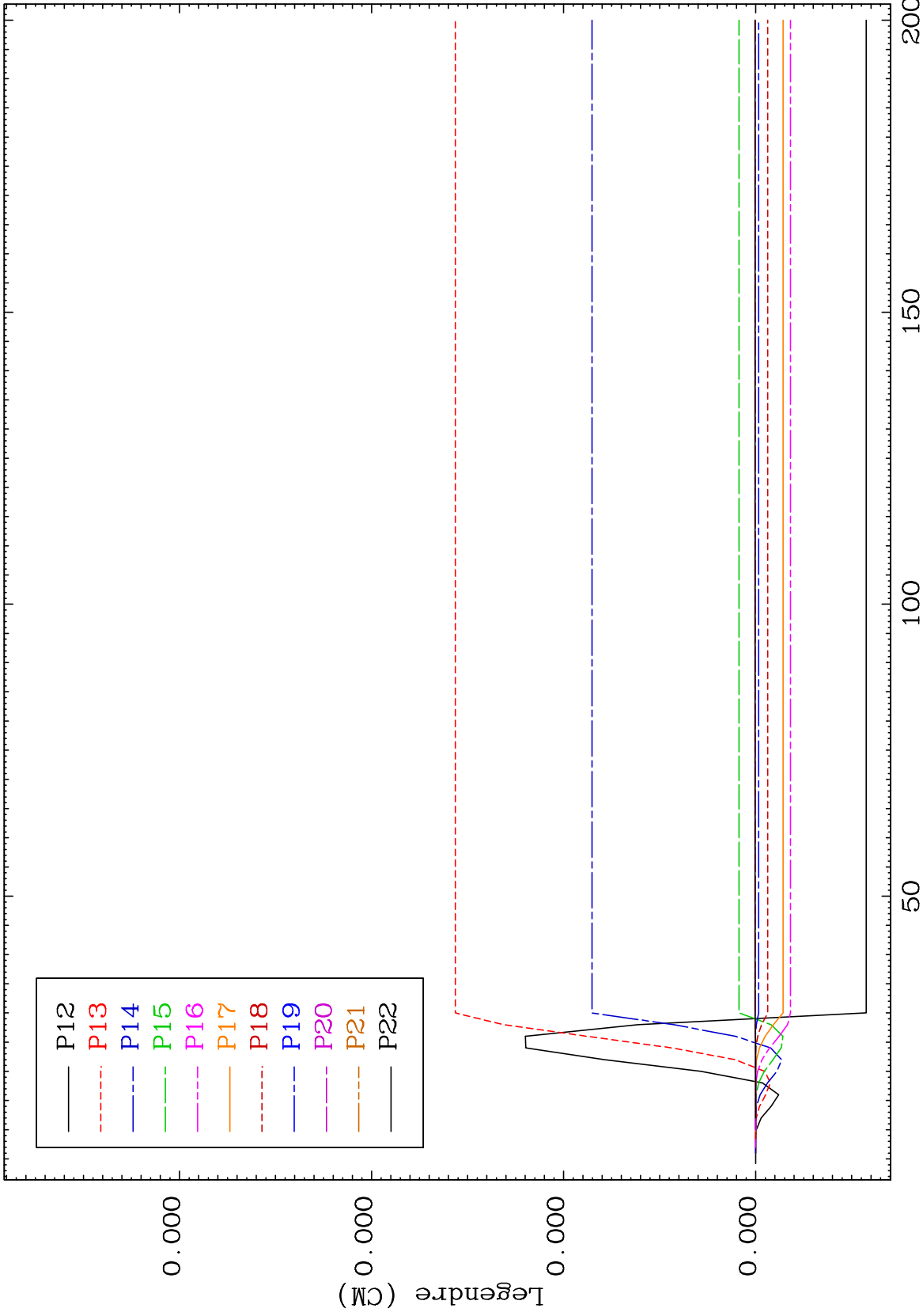
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



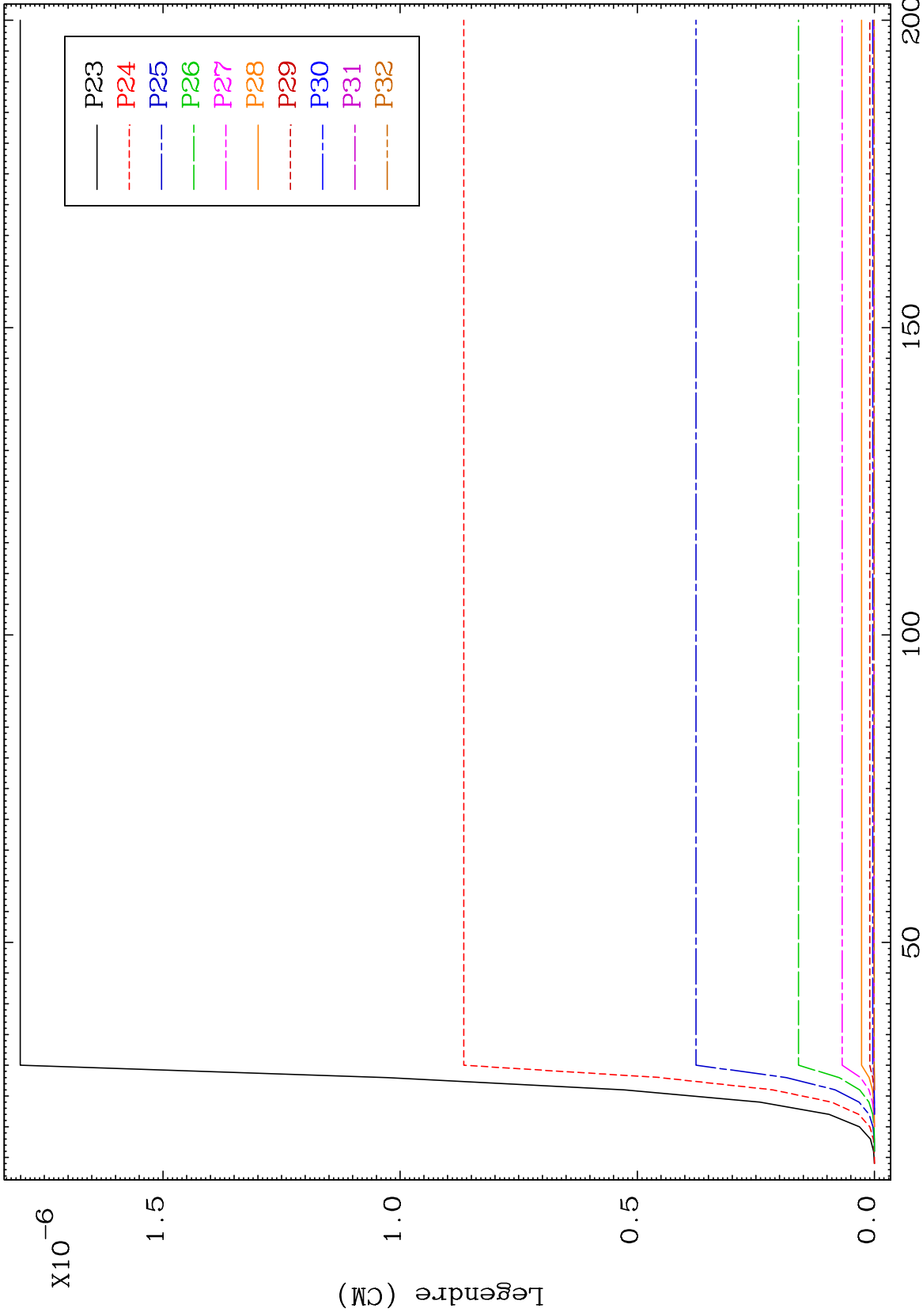
76

31-Ga-77

MAT 3149

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

31-Ga-77



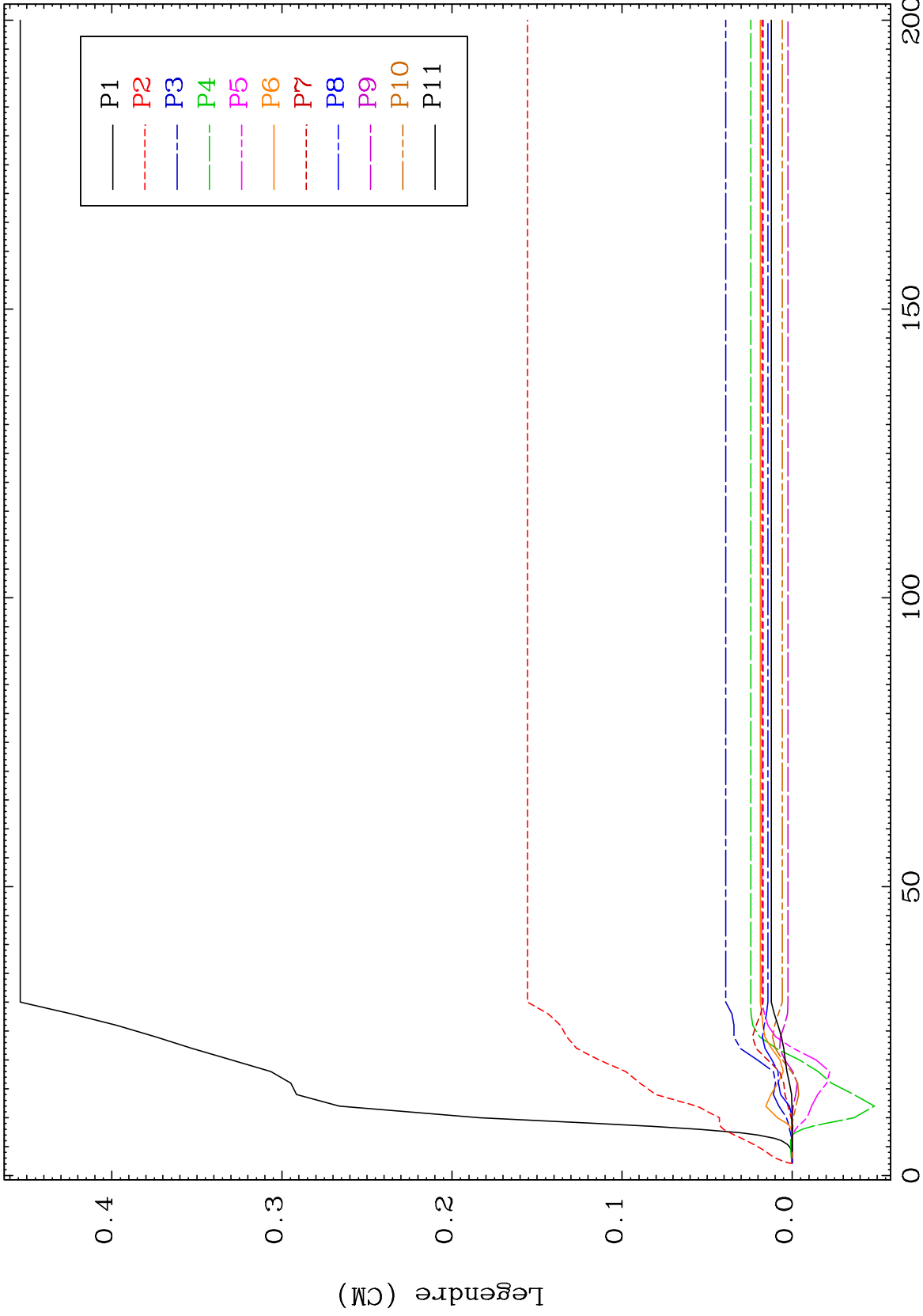
77

31-Ga-77

MAT 3149

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

31-Ga-77



78

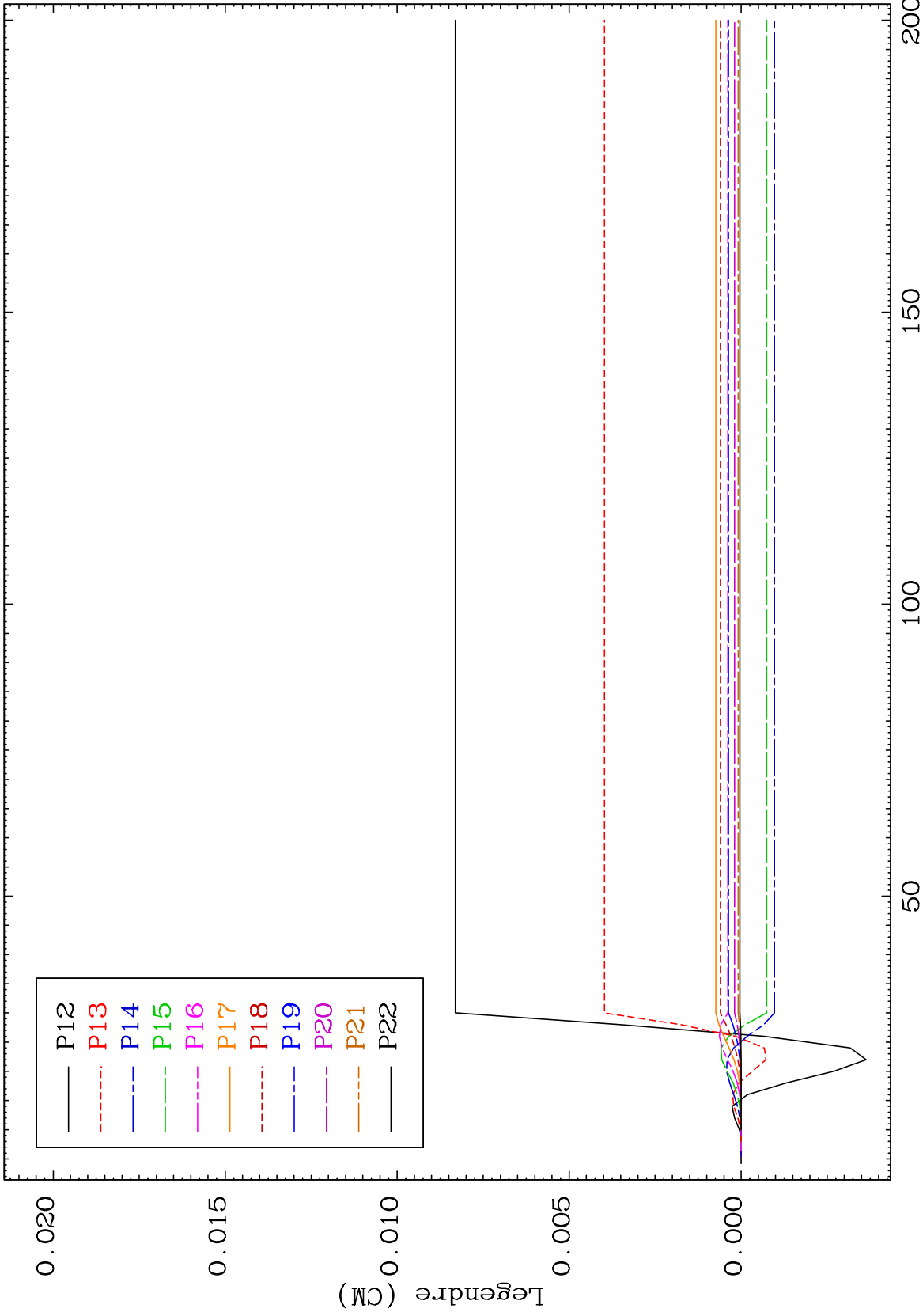
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



79

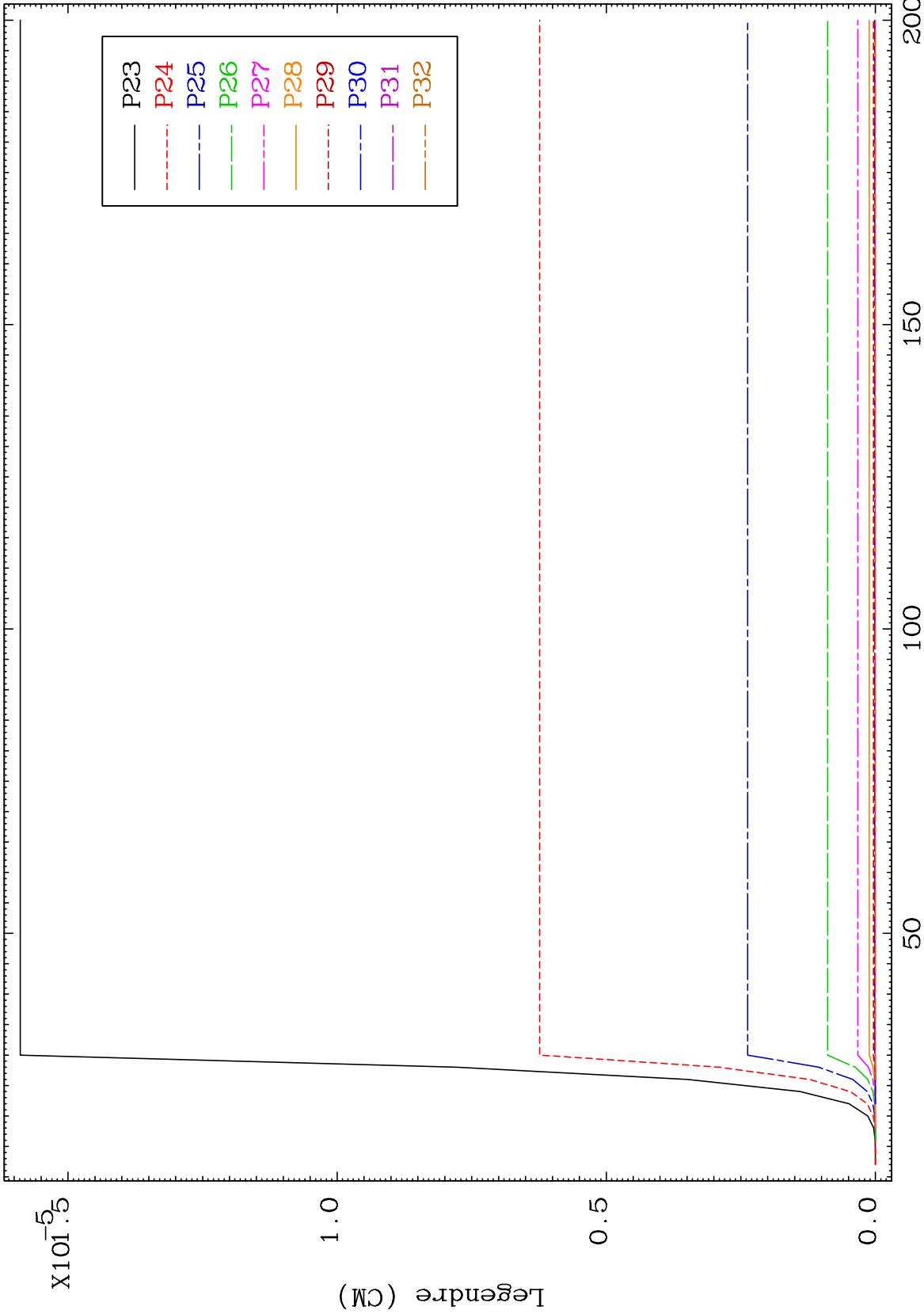
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

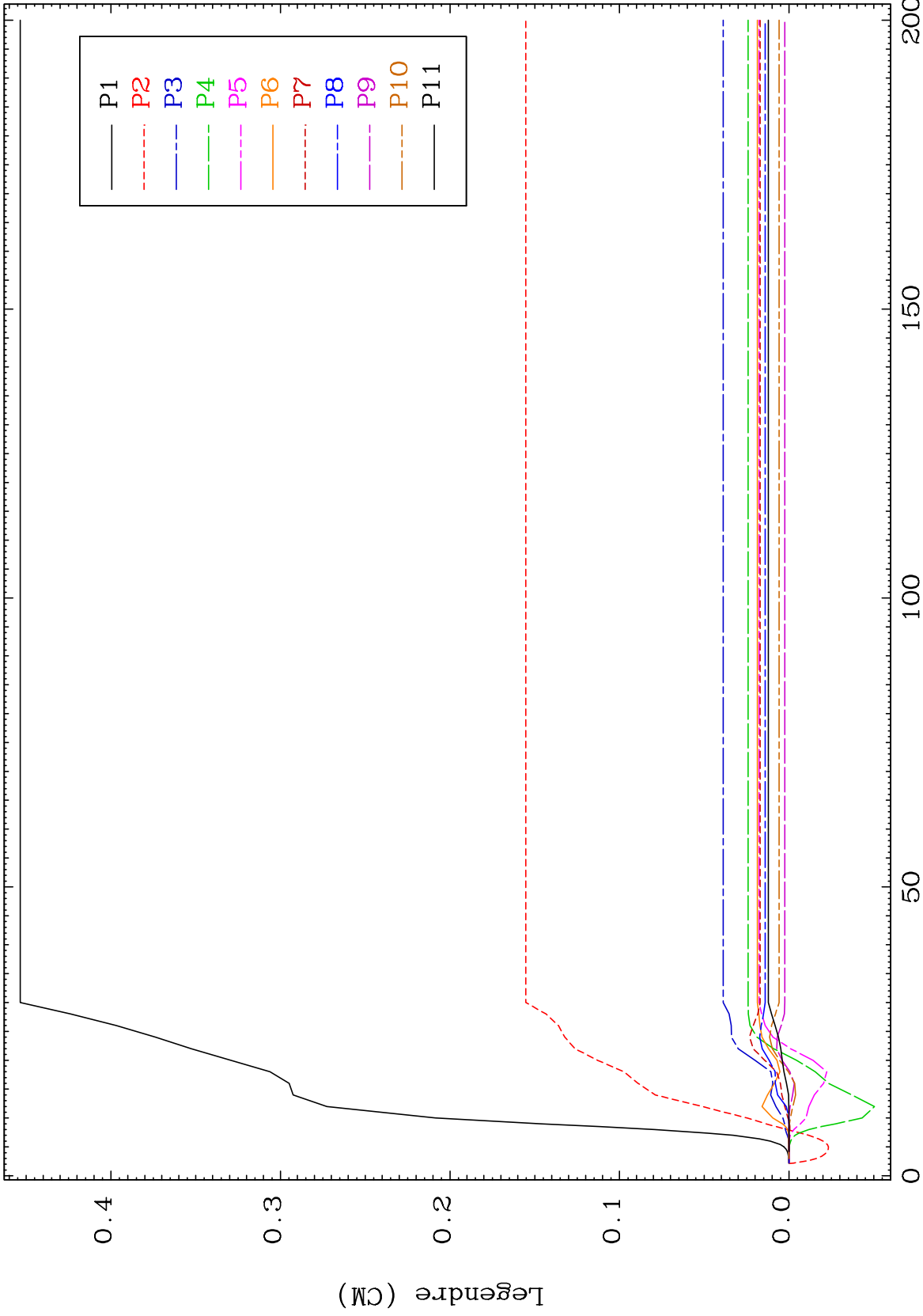
31-Ga-77



MAT 3149

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

31-Ga-77



81

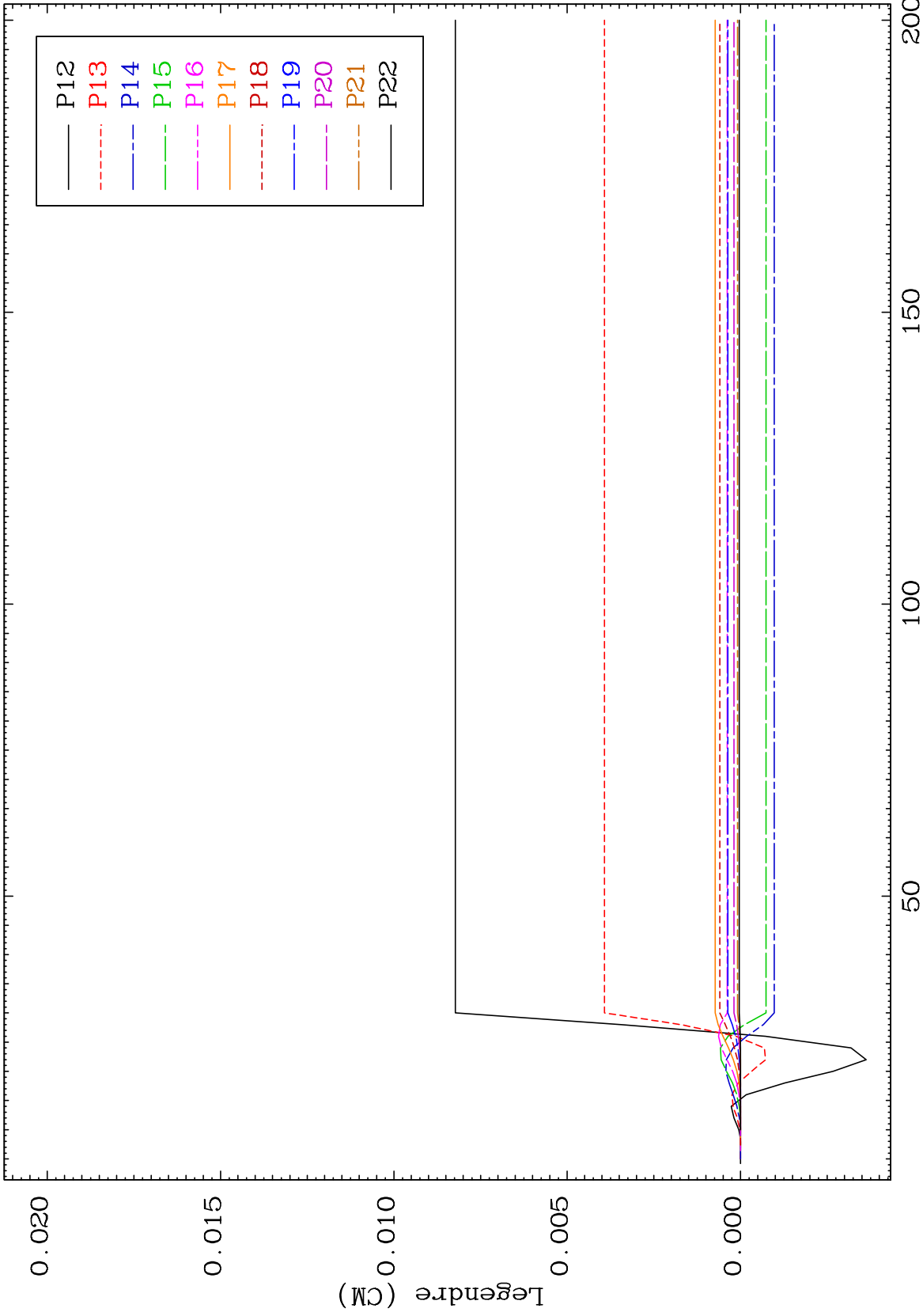
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



82

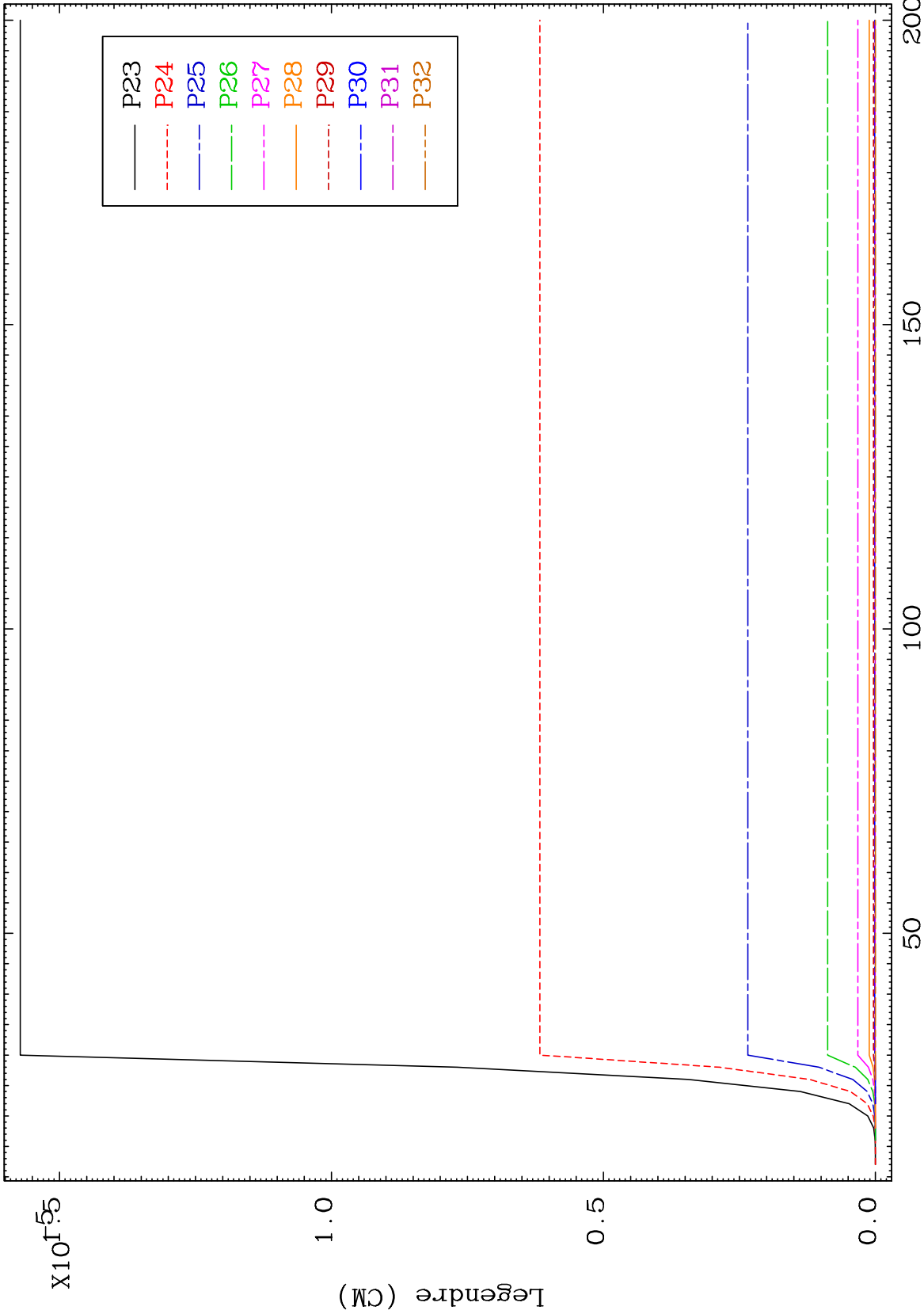
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



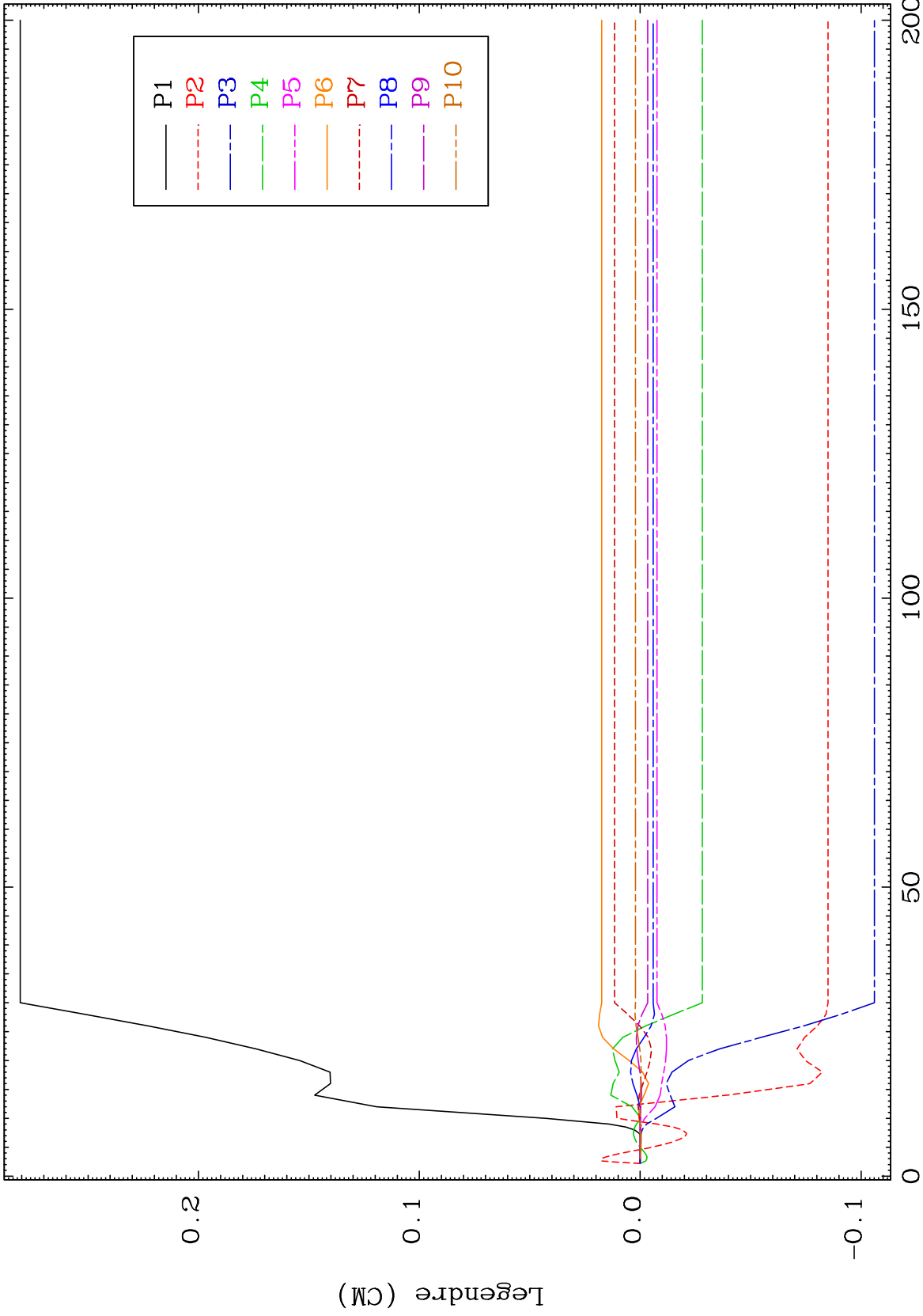
83

31-Ga-77

MAT 3149

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

31-Ga-77



84

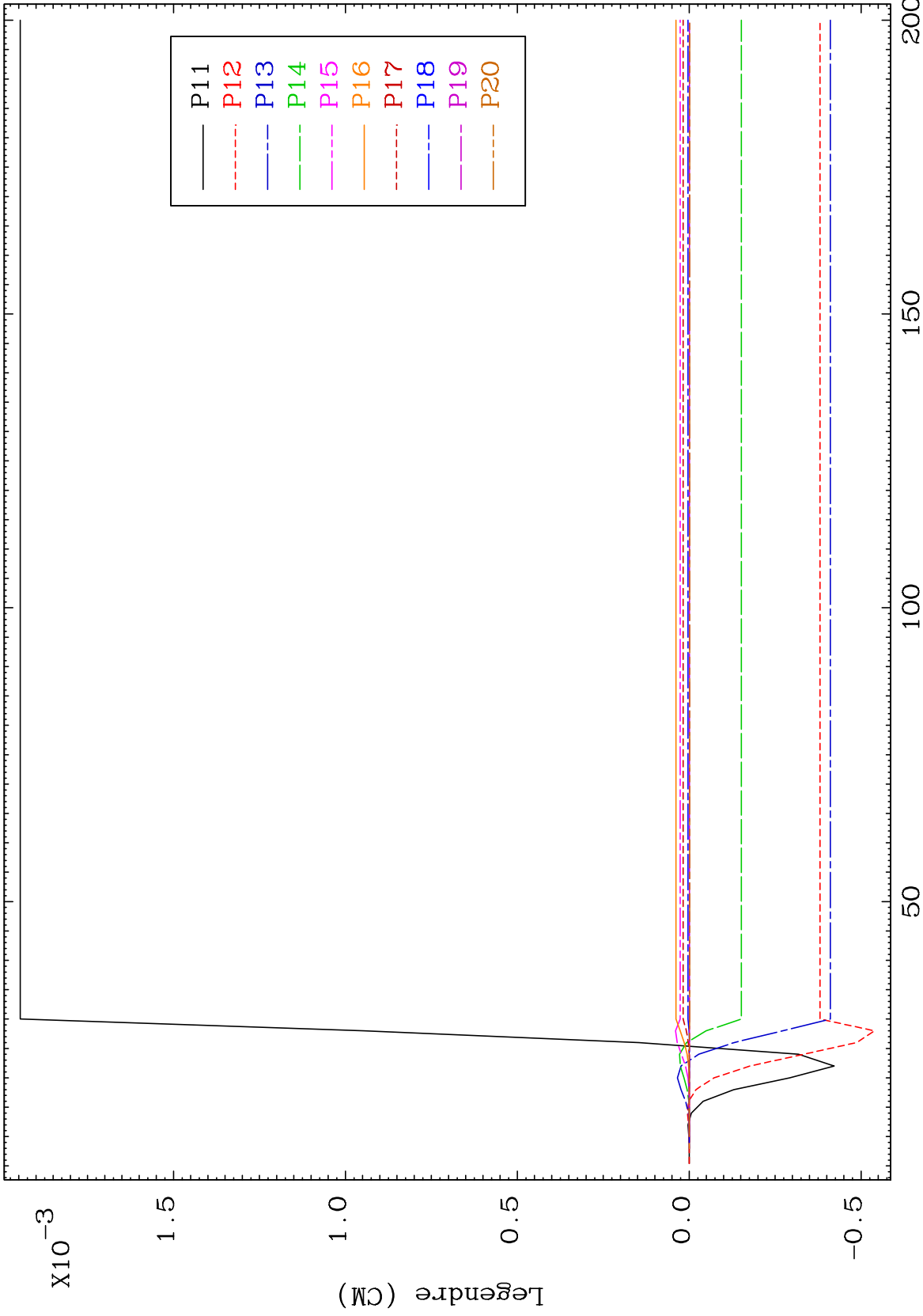
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



85

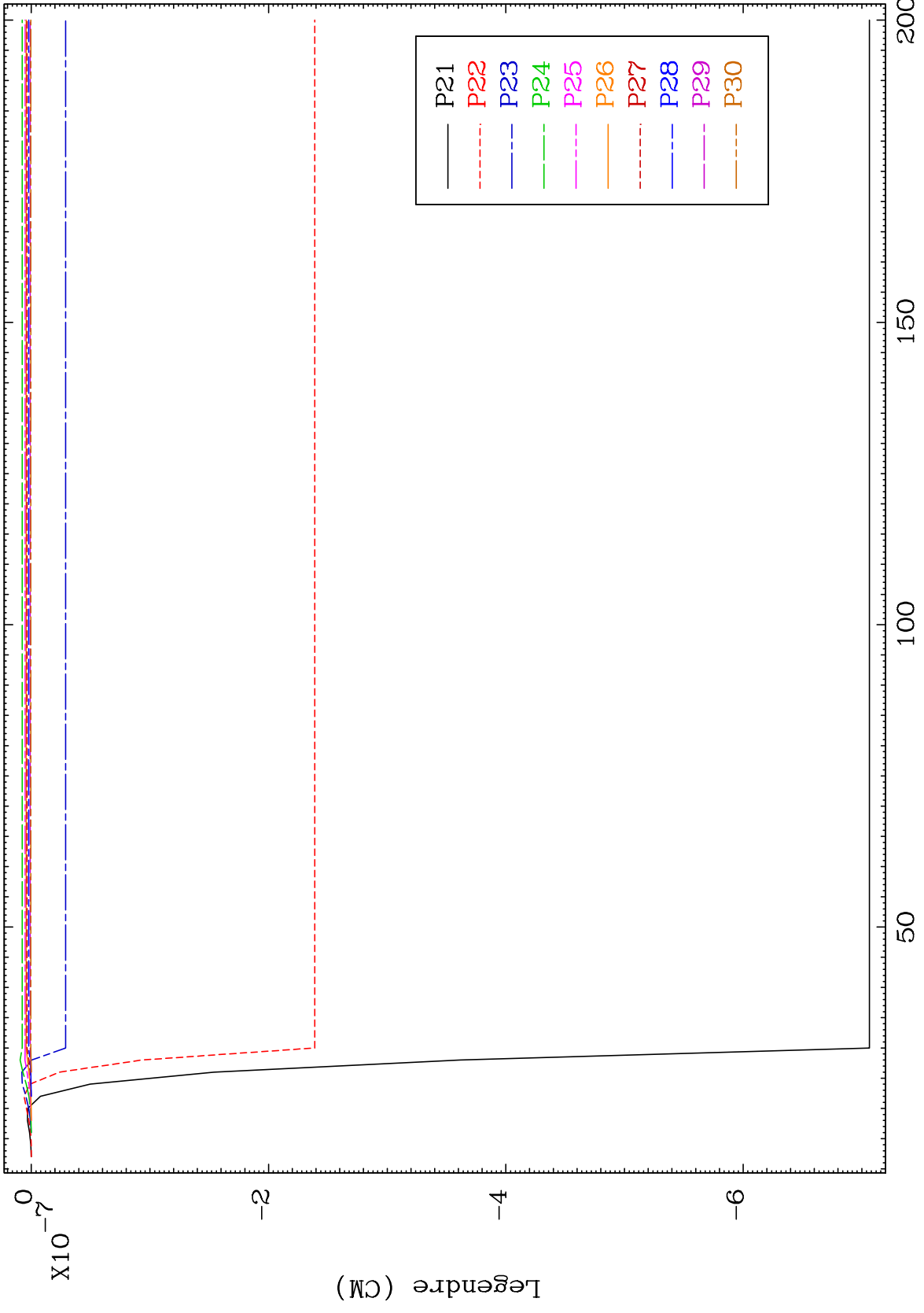
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



86

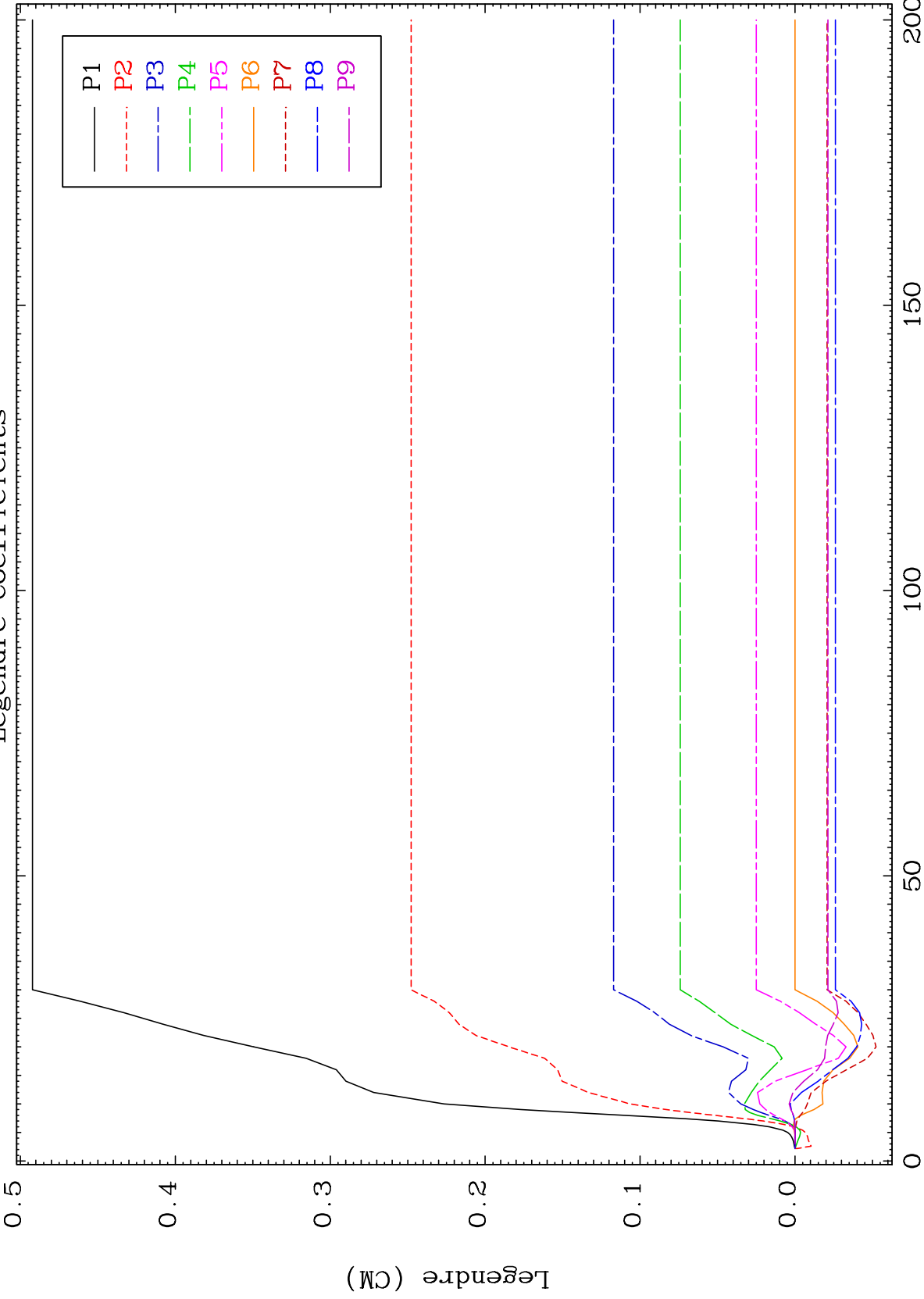
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



87

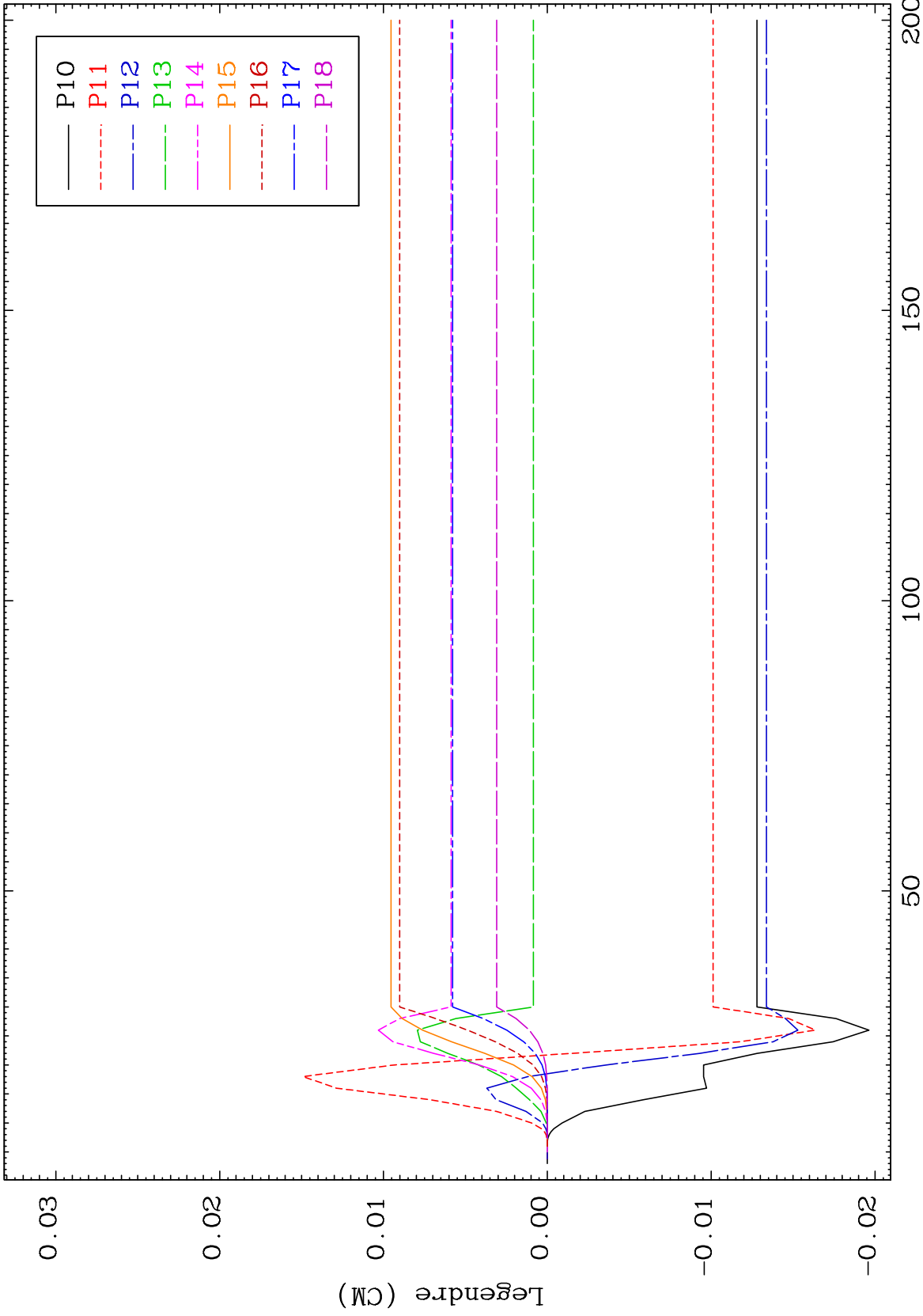
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



88

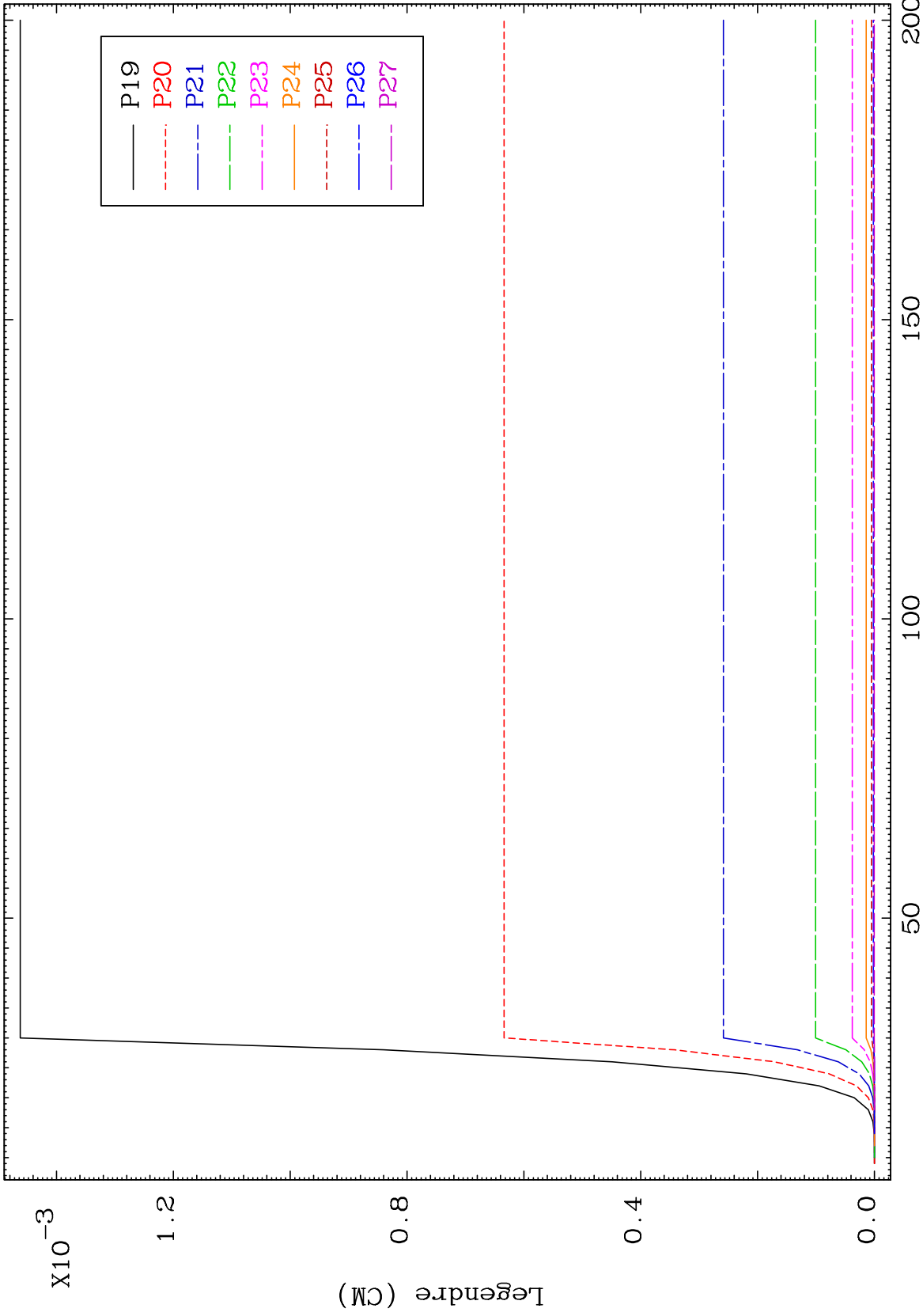
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



89

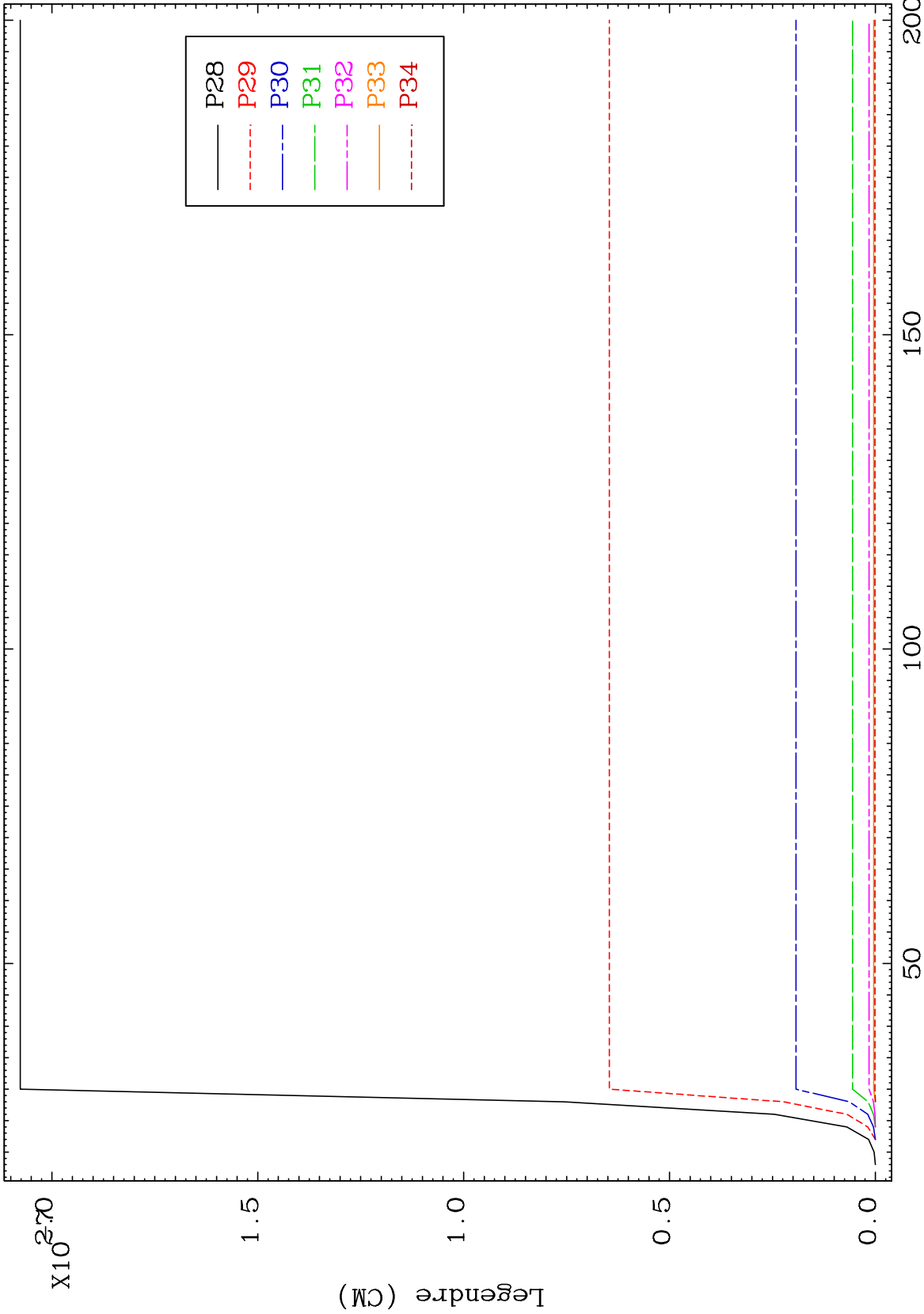
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



90

Incident Energy (MeV)

50

100

150

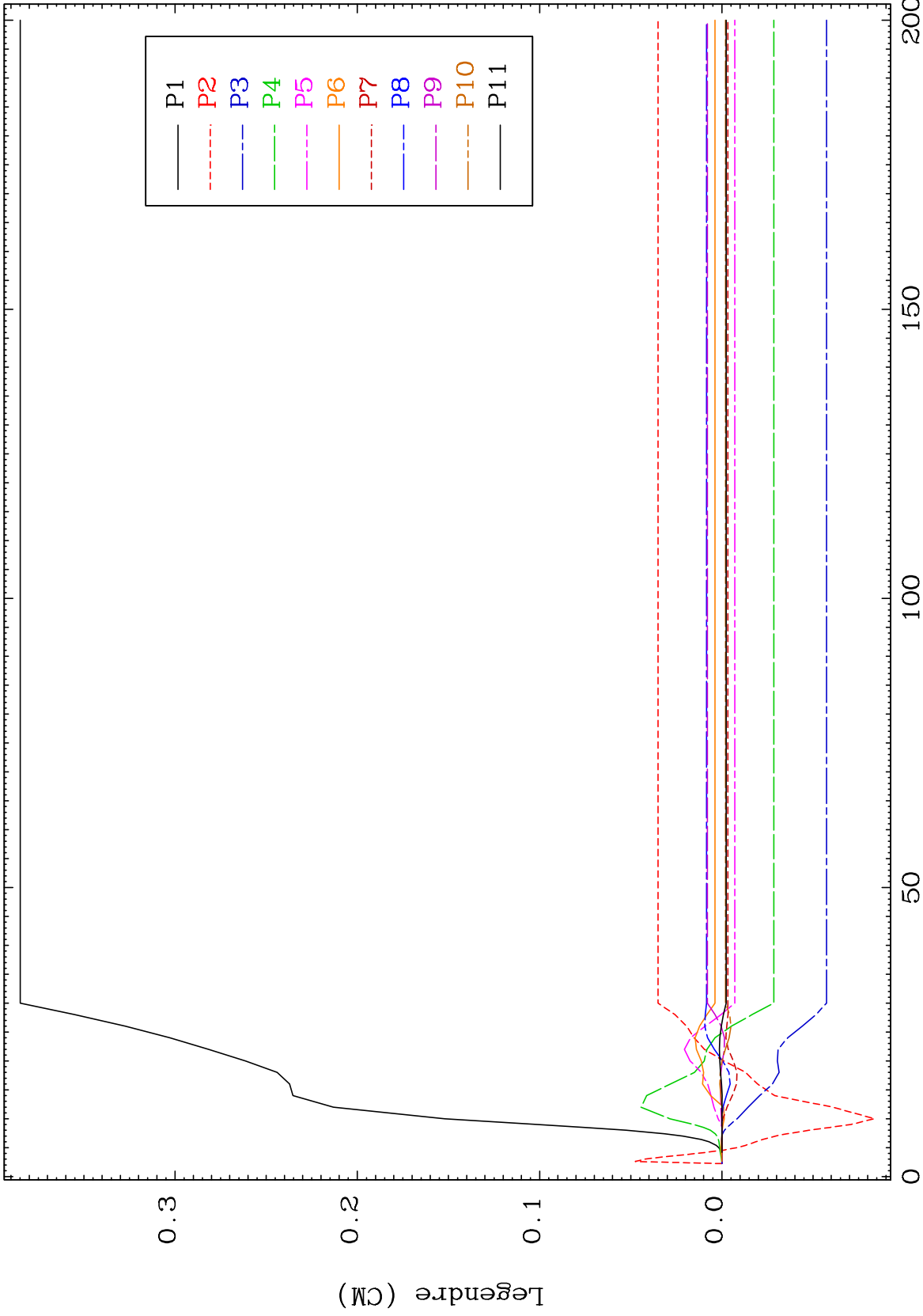
200

31-Ga-77

MAT 3149

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

31-Ga-77



91

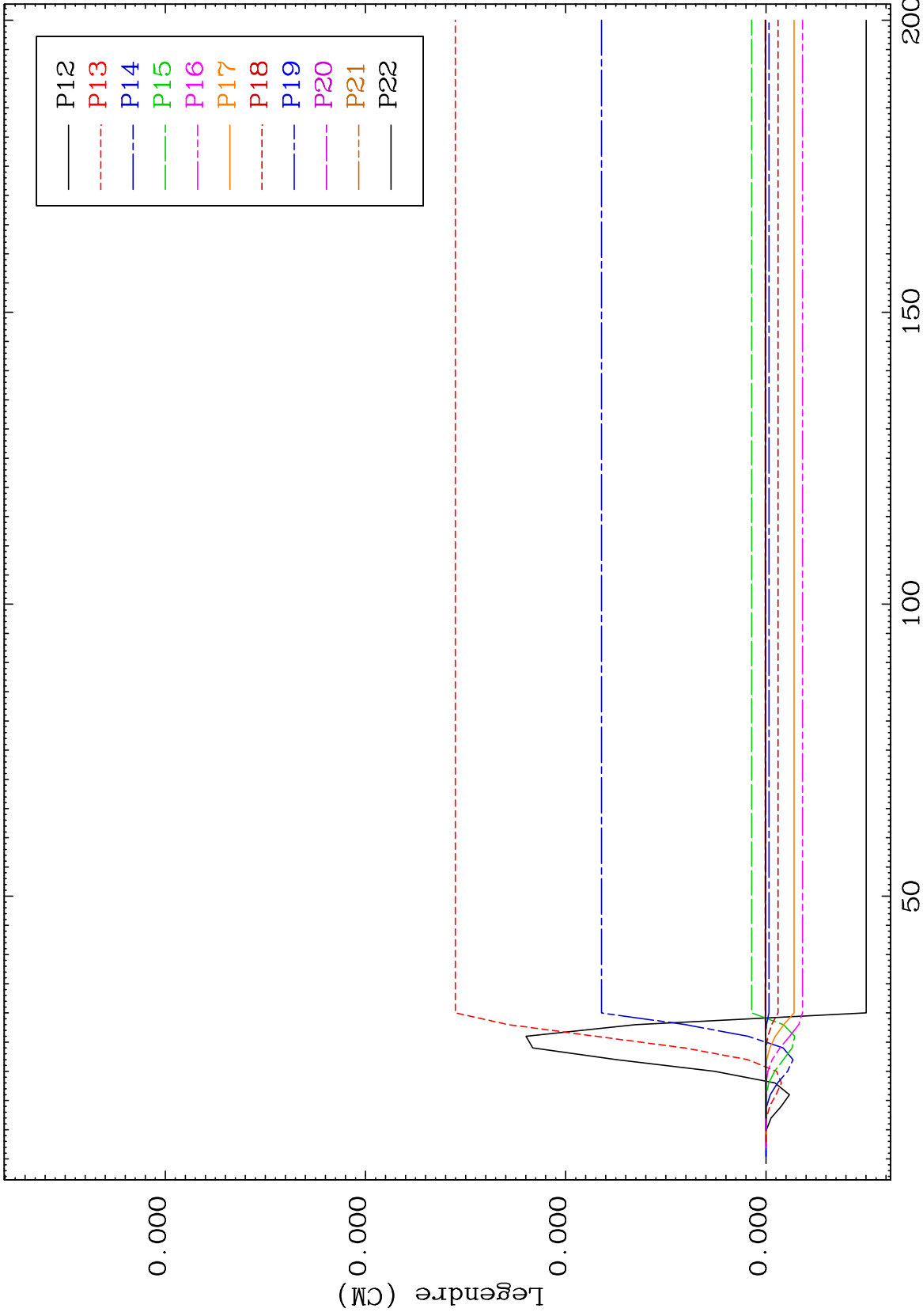
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



92

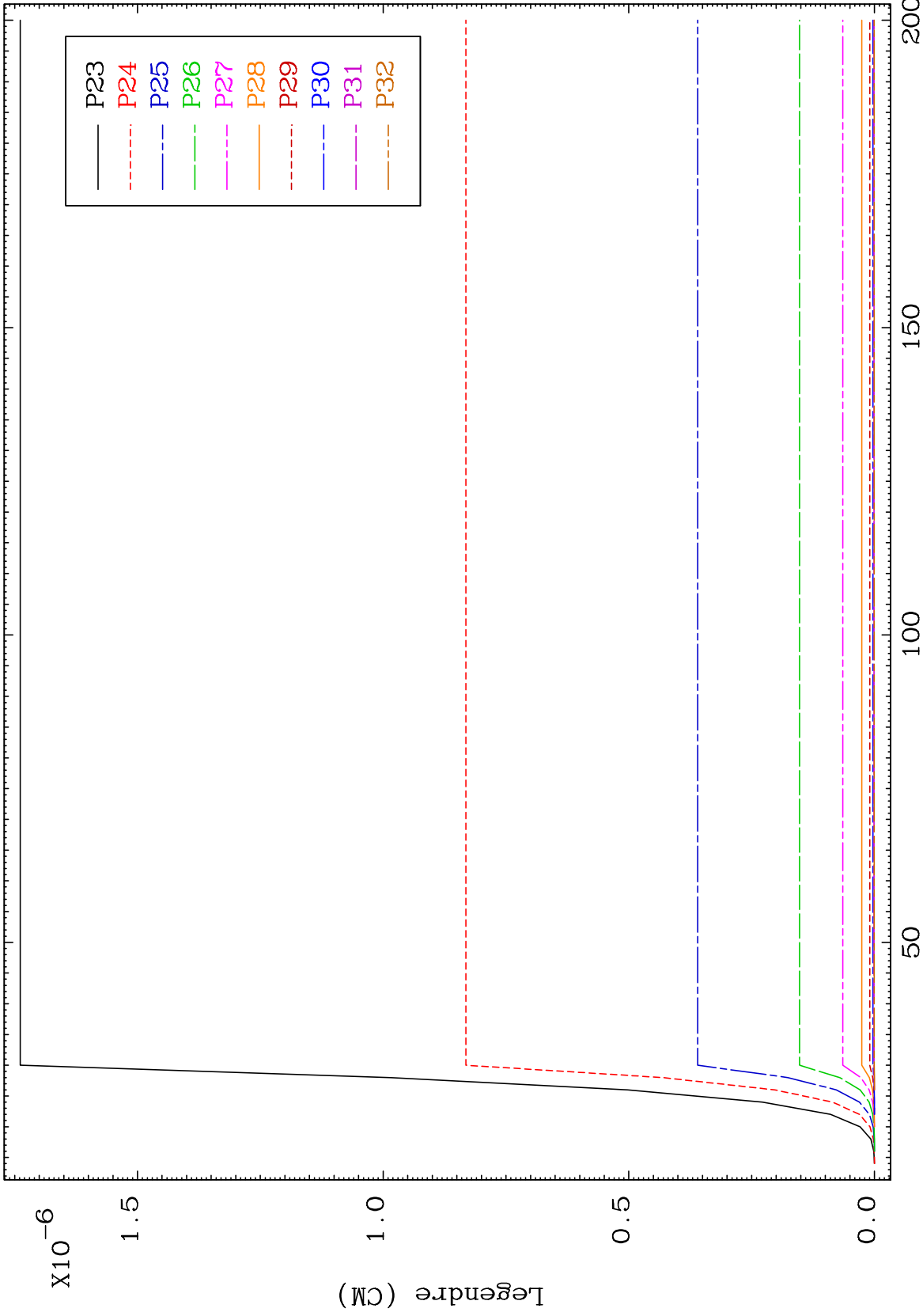
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77

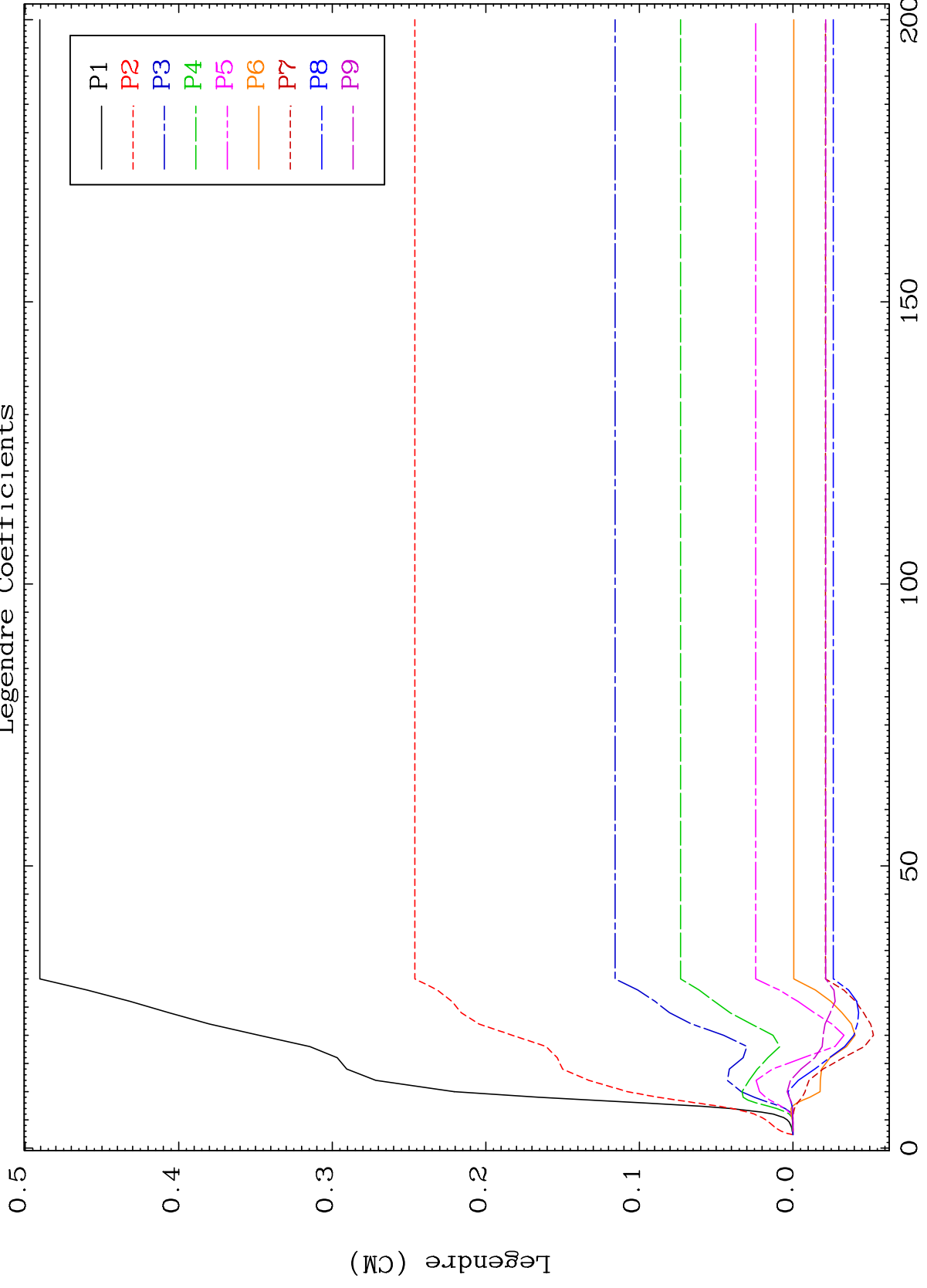


93

Incident Energy (MeV)

31-Ga-77

MAT 3149 MT= 73 (n,n') Level Legendre Coefficients 31-Ga-77

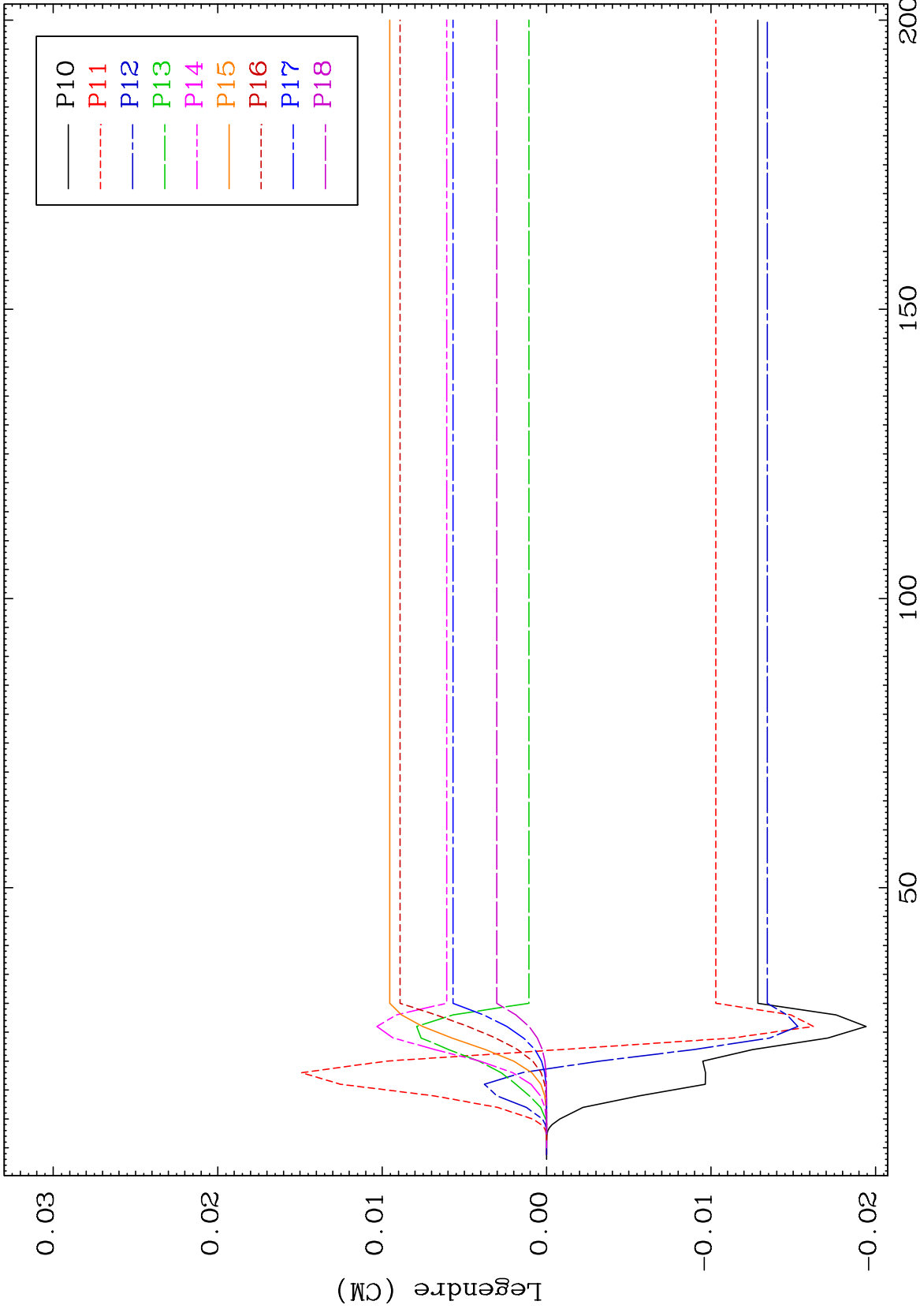


94 31-Ga-77

MAT 3149

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

31-Ga-77



95

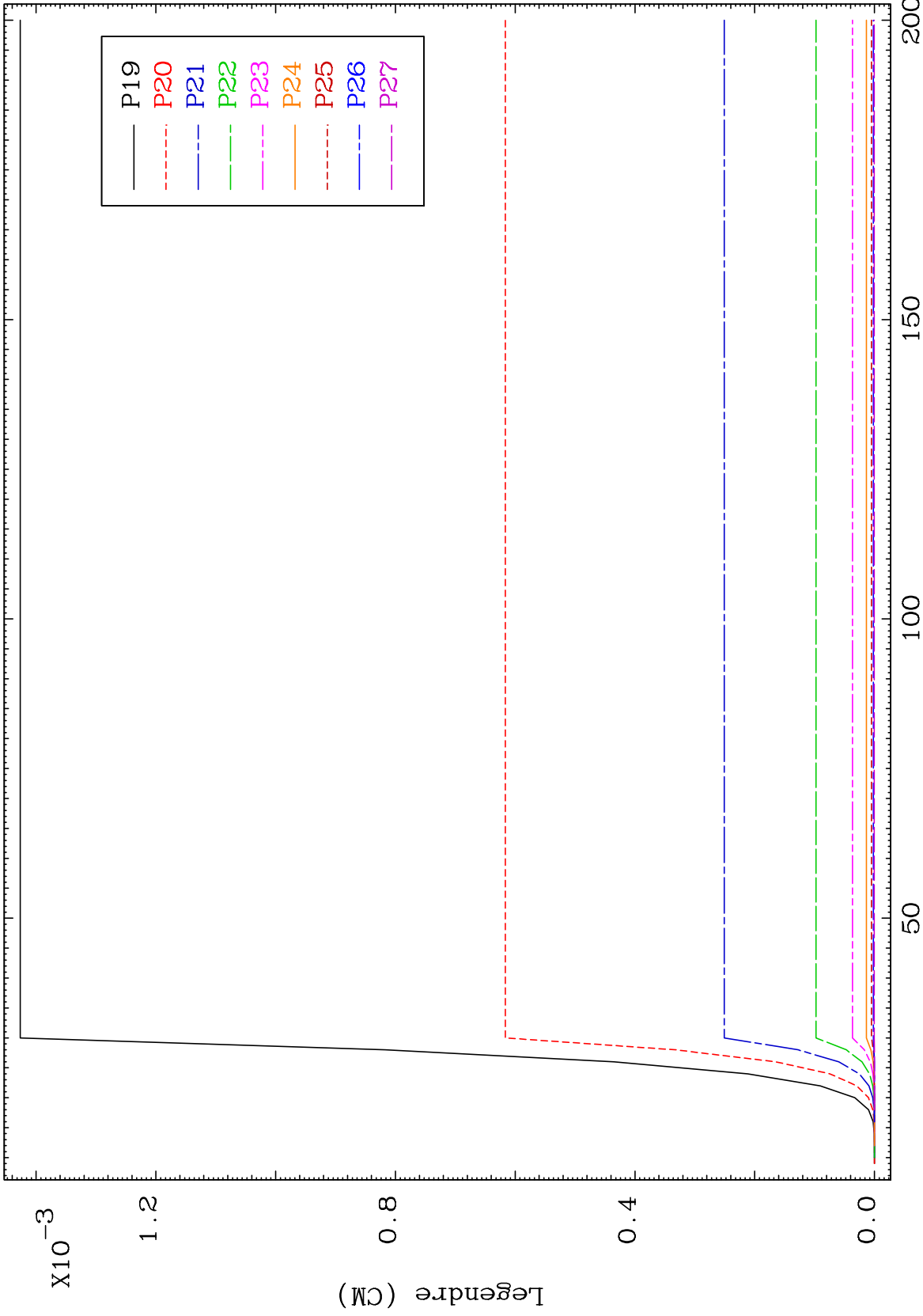
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



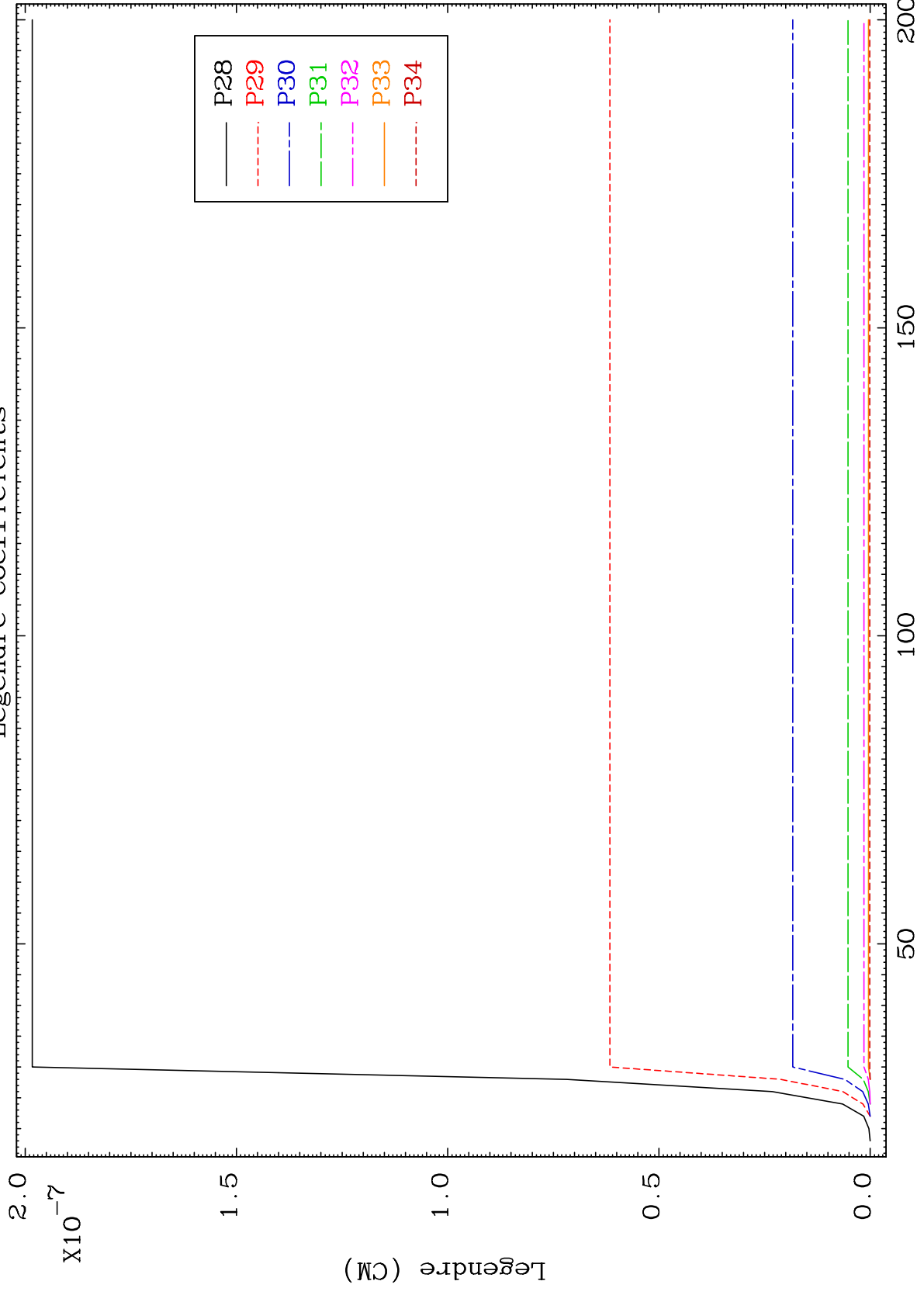
96

31-Ga-77

MAT 3149

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

31-Ga-77



97

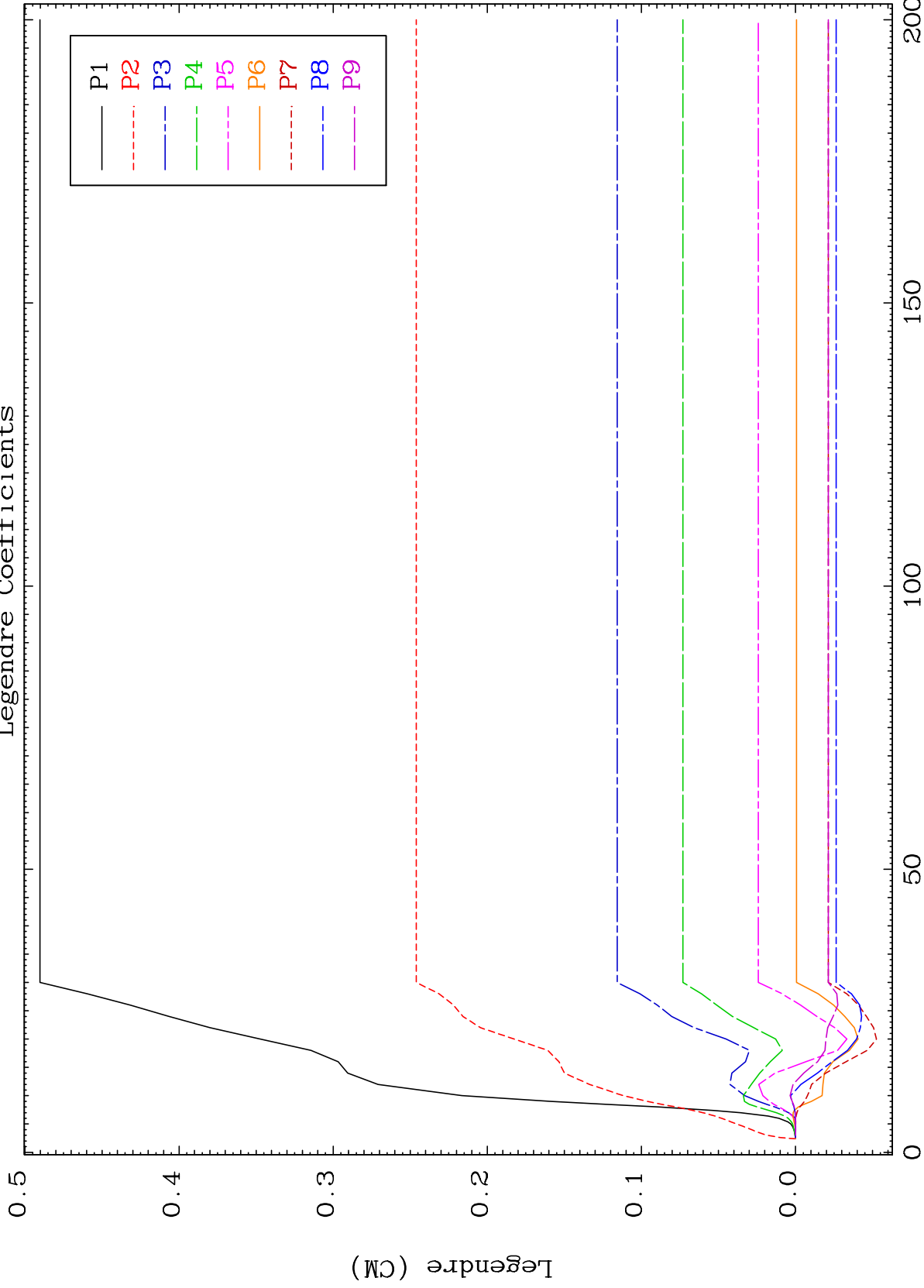
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



31-Ga-77

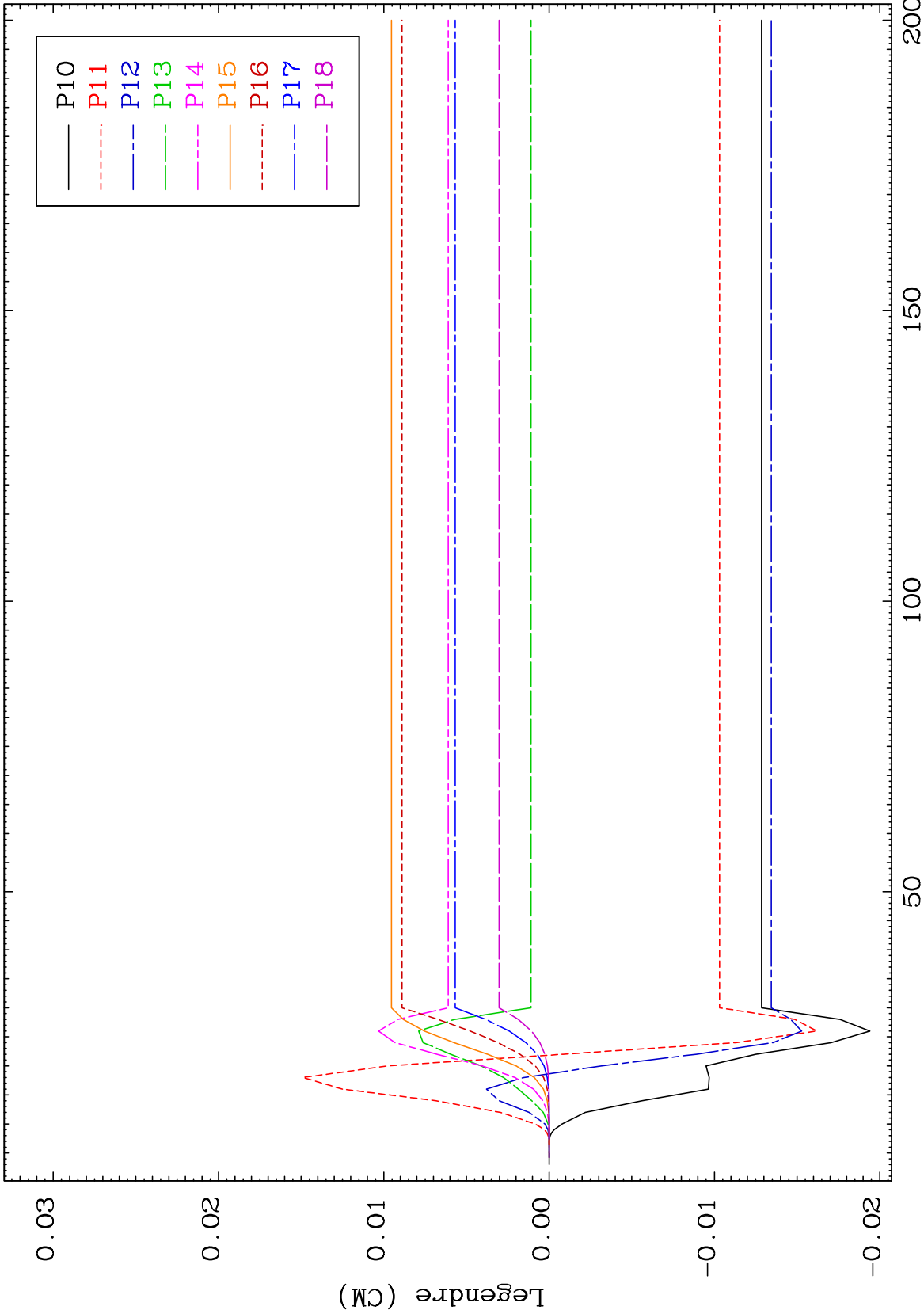
Incident Energy (MeV)

98

MAT 3149

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

31-Ga-77



99

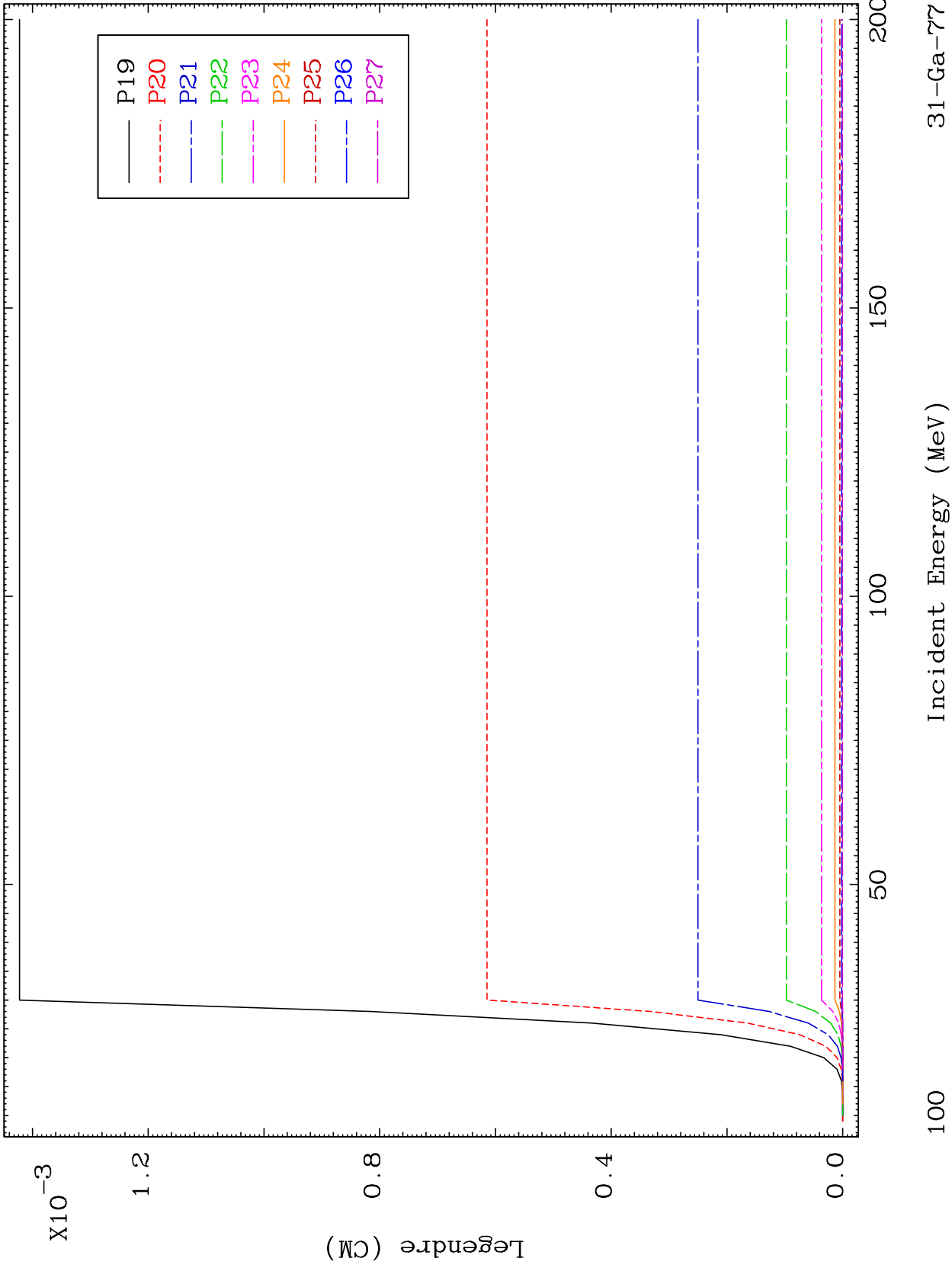
Incident Energy (MeV)

31-Ga-77

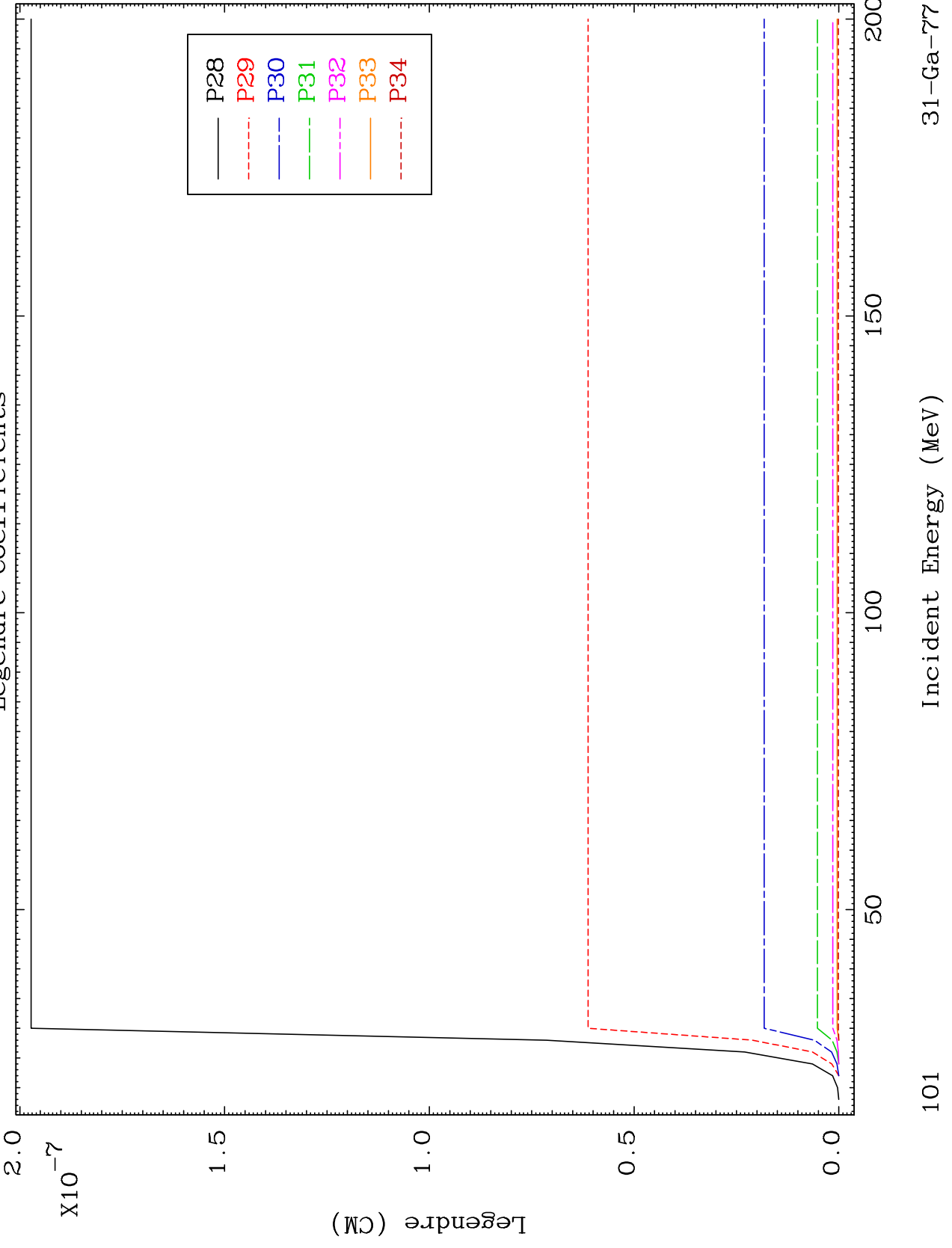
MAT 3149

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

31-Ga-77



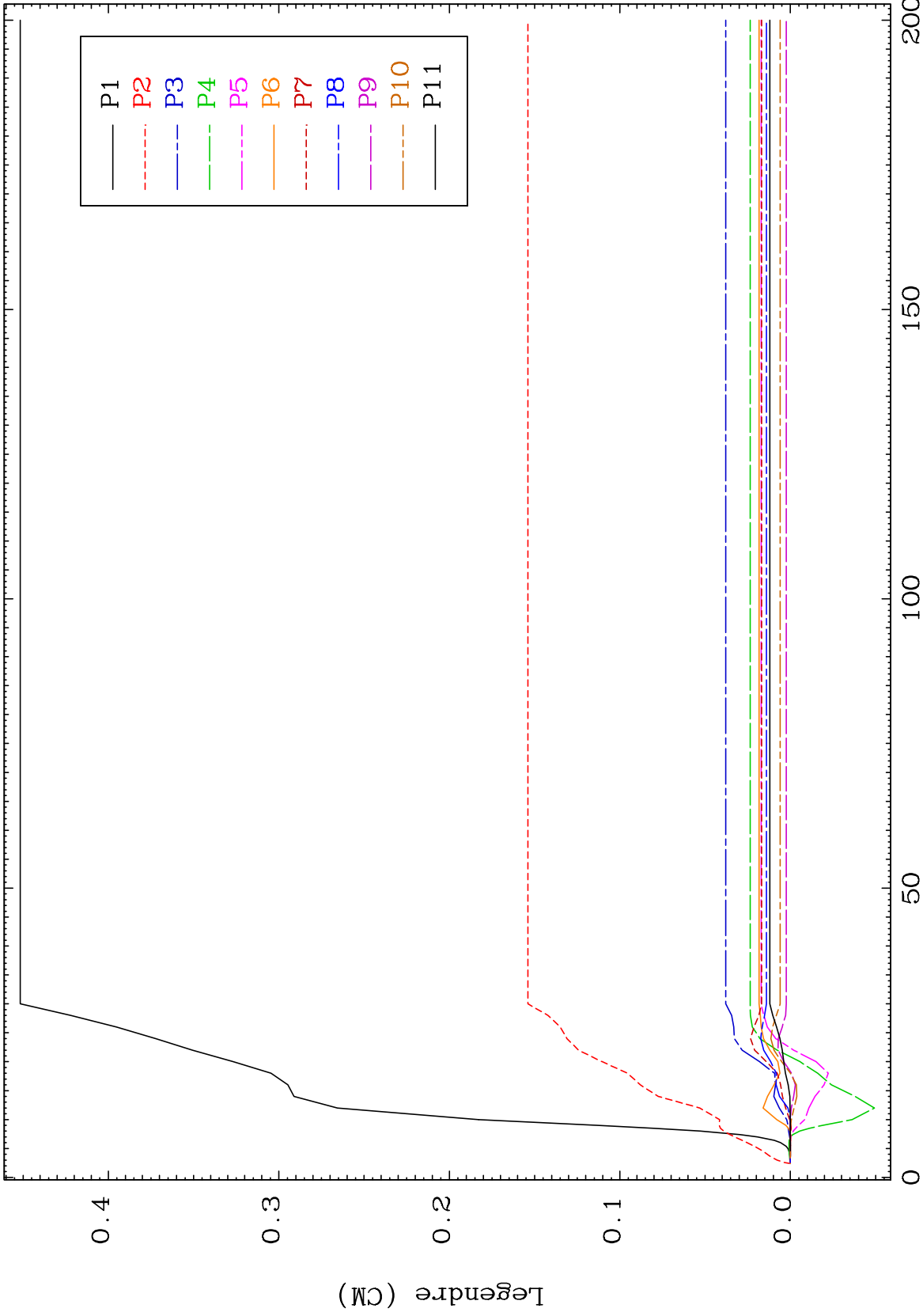
MAT 3149 MT= 74 (n,n') Level Legendre Coefficients 31-Ga-77



MAT 3149

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

31-Ga-77



102

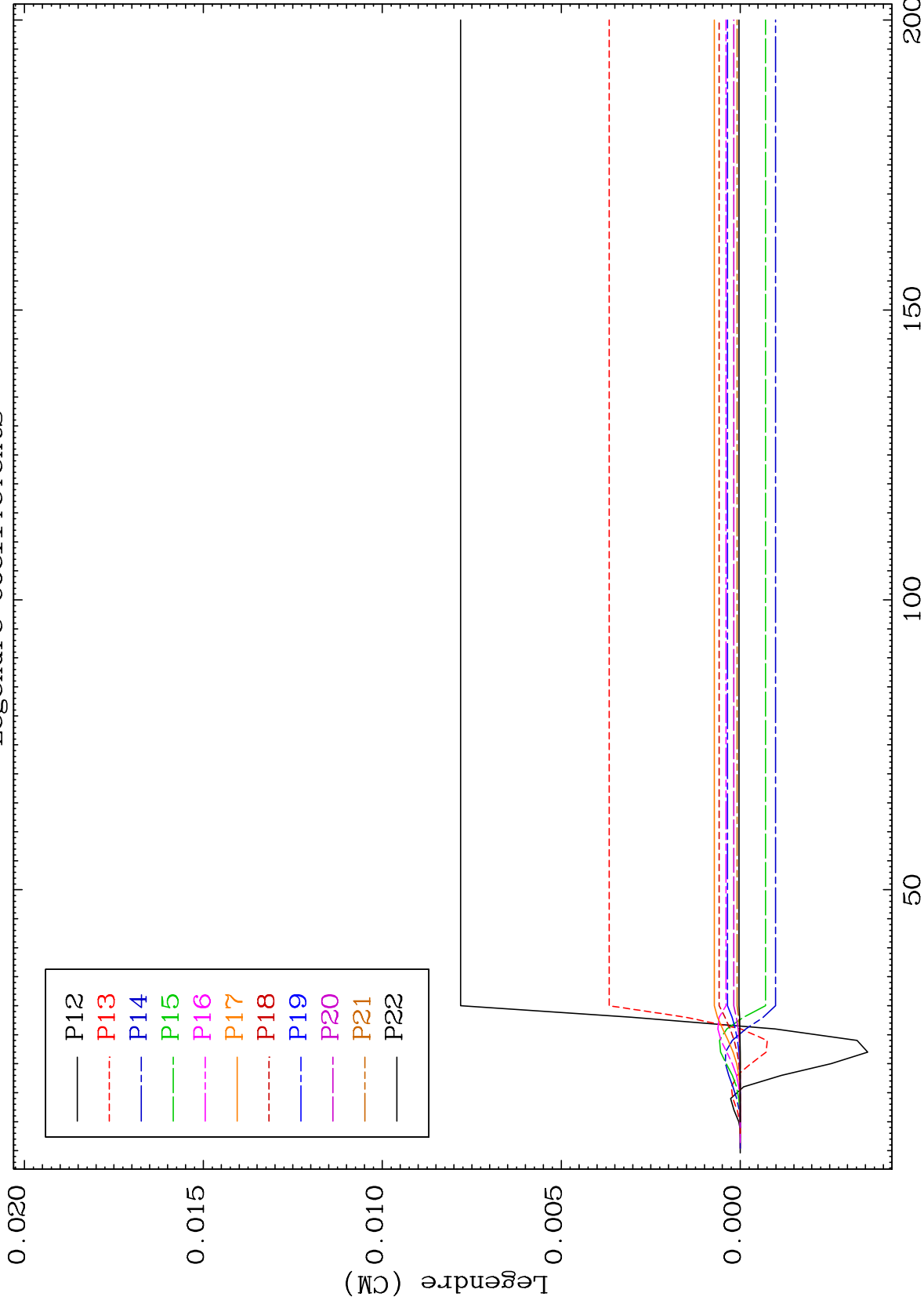
31-Ga-77

31-Ga-77

MAT 3149

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

31-Ga-77

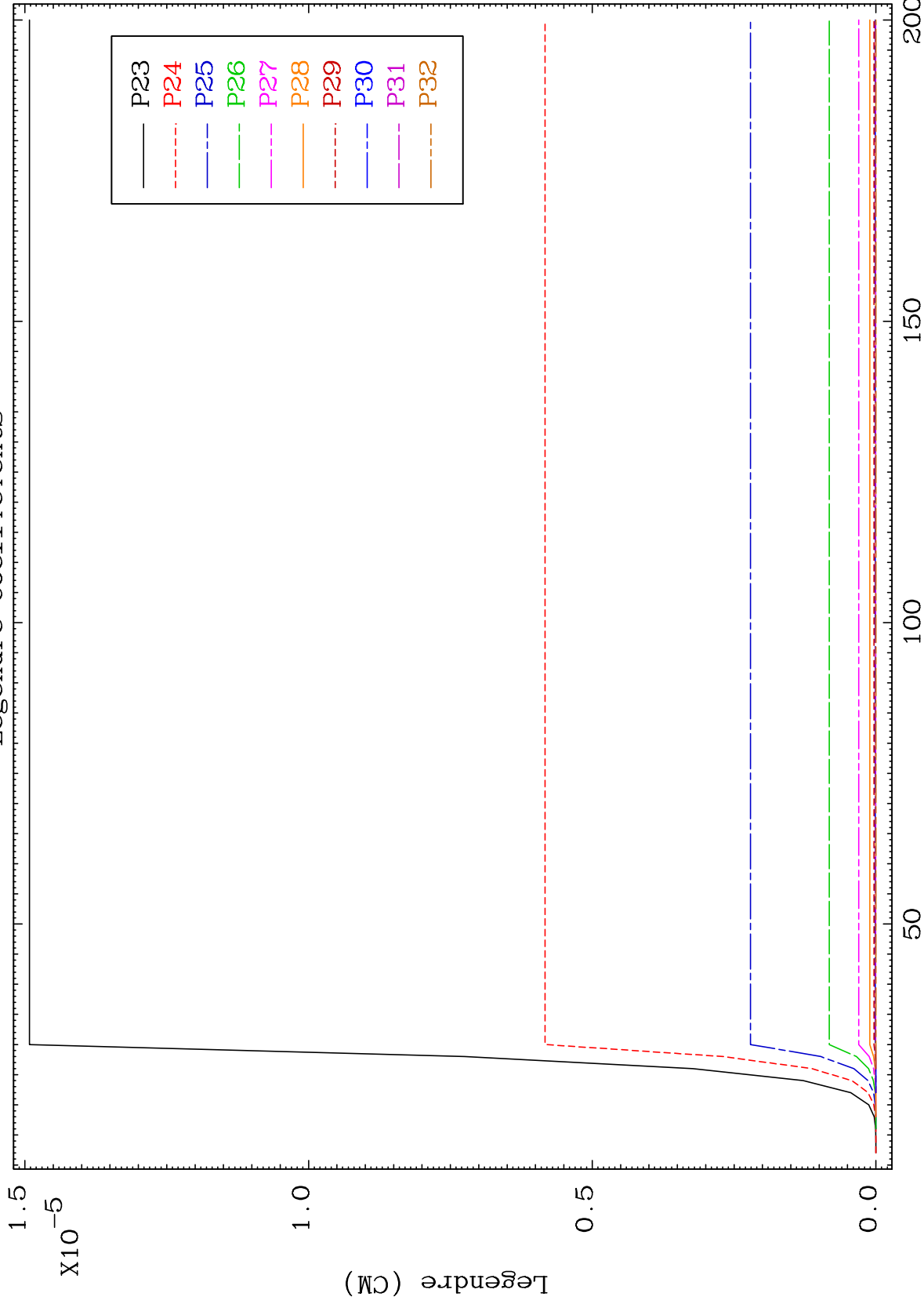


103

MAT 3149

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

31-Ga-77



104

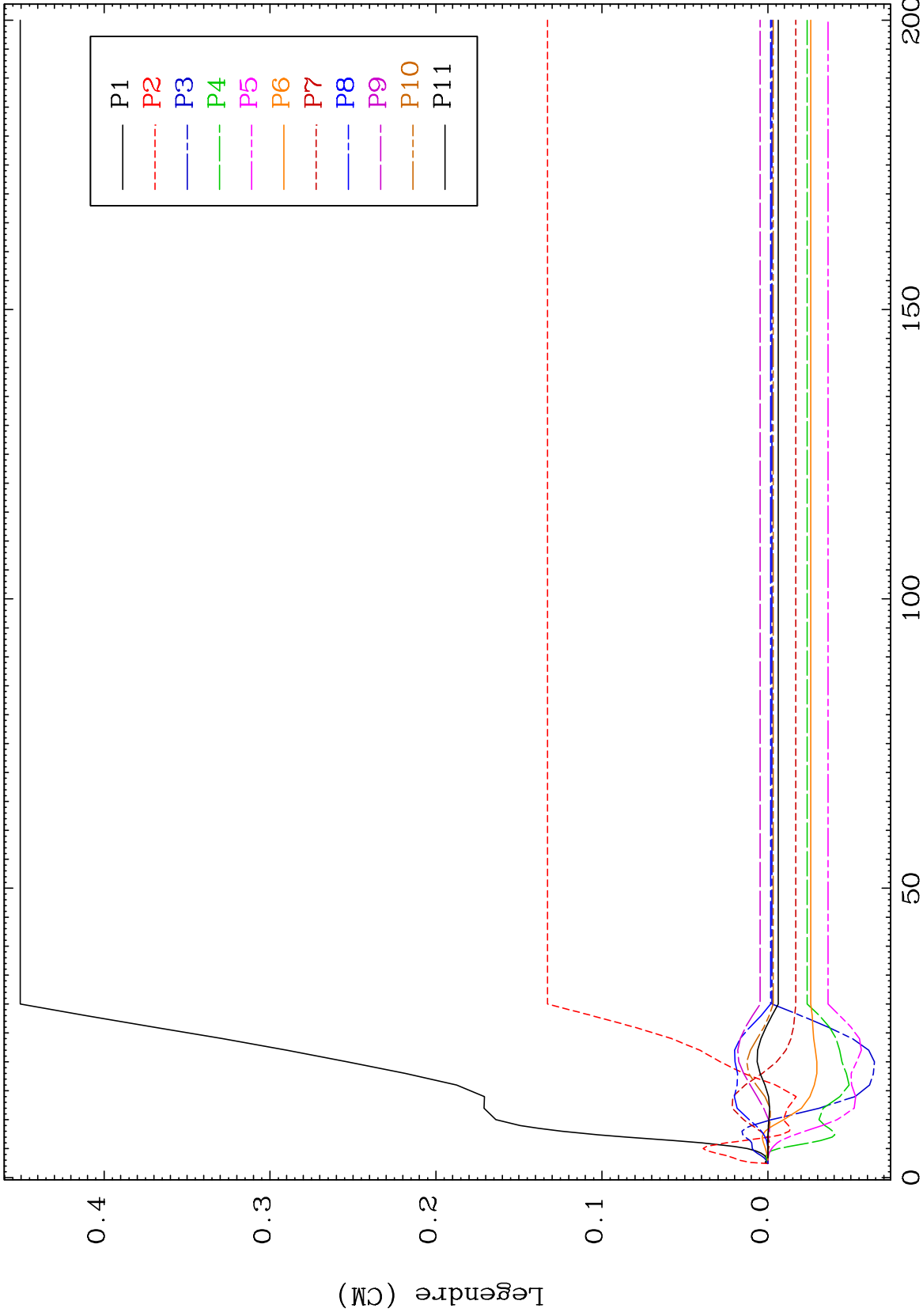
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



105

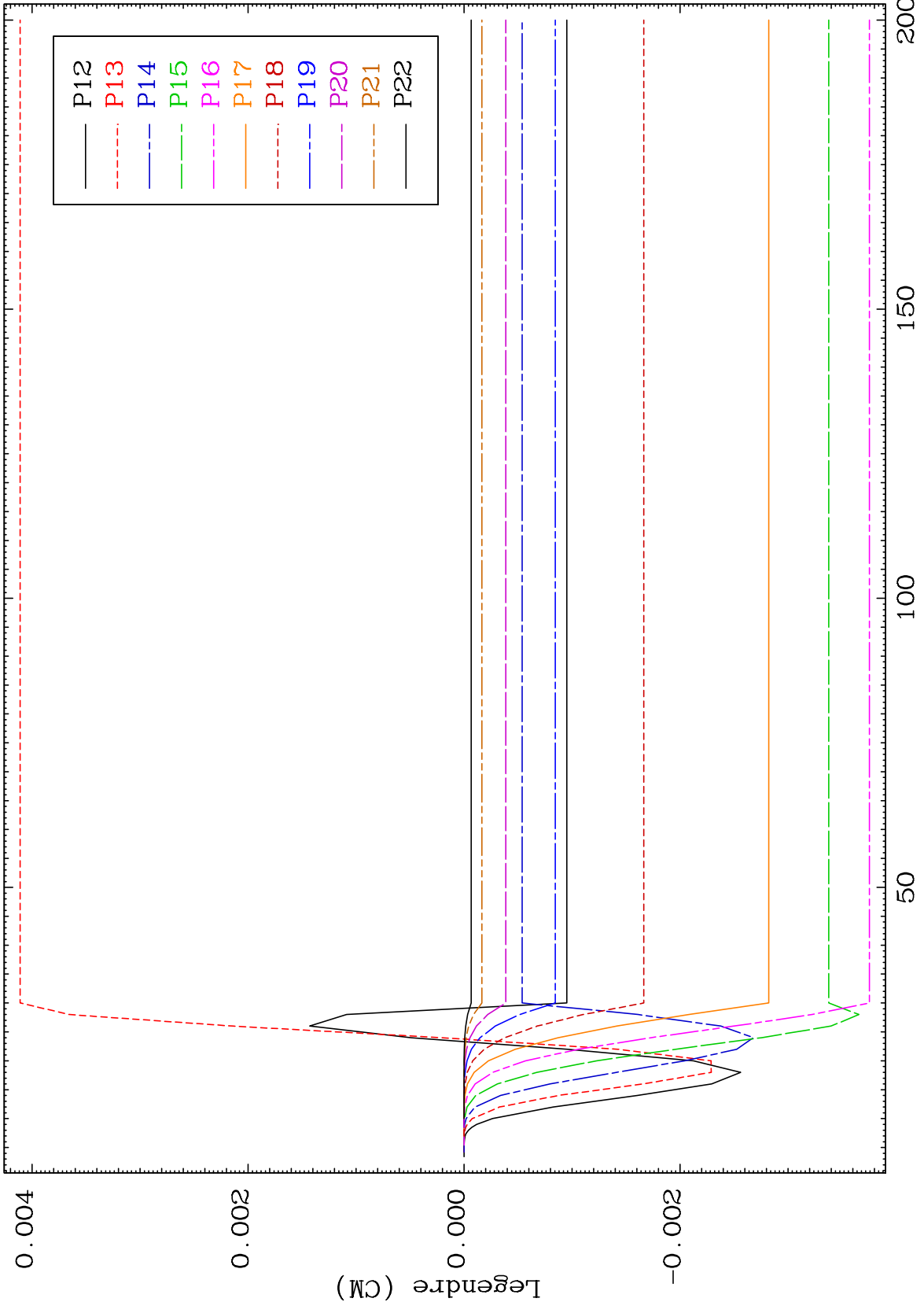
31-Ga-77

31-Ga-77

MAT 3149

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

31-Ga-77



106

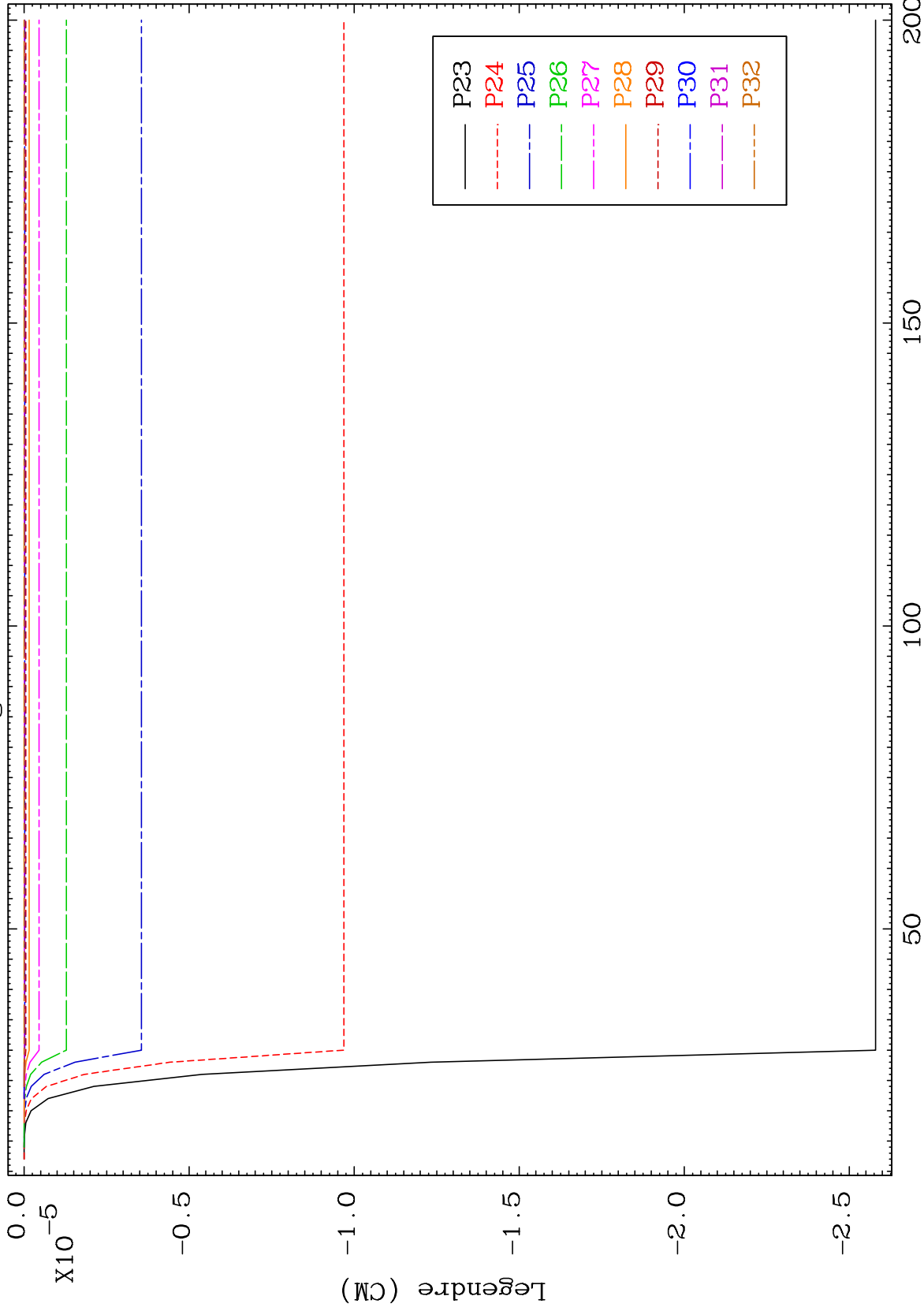
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



107

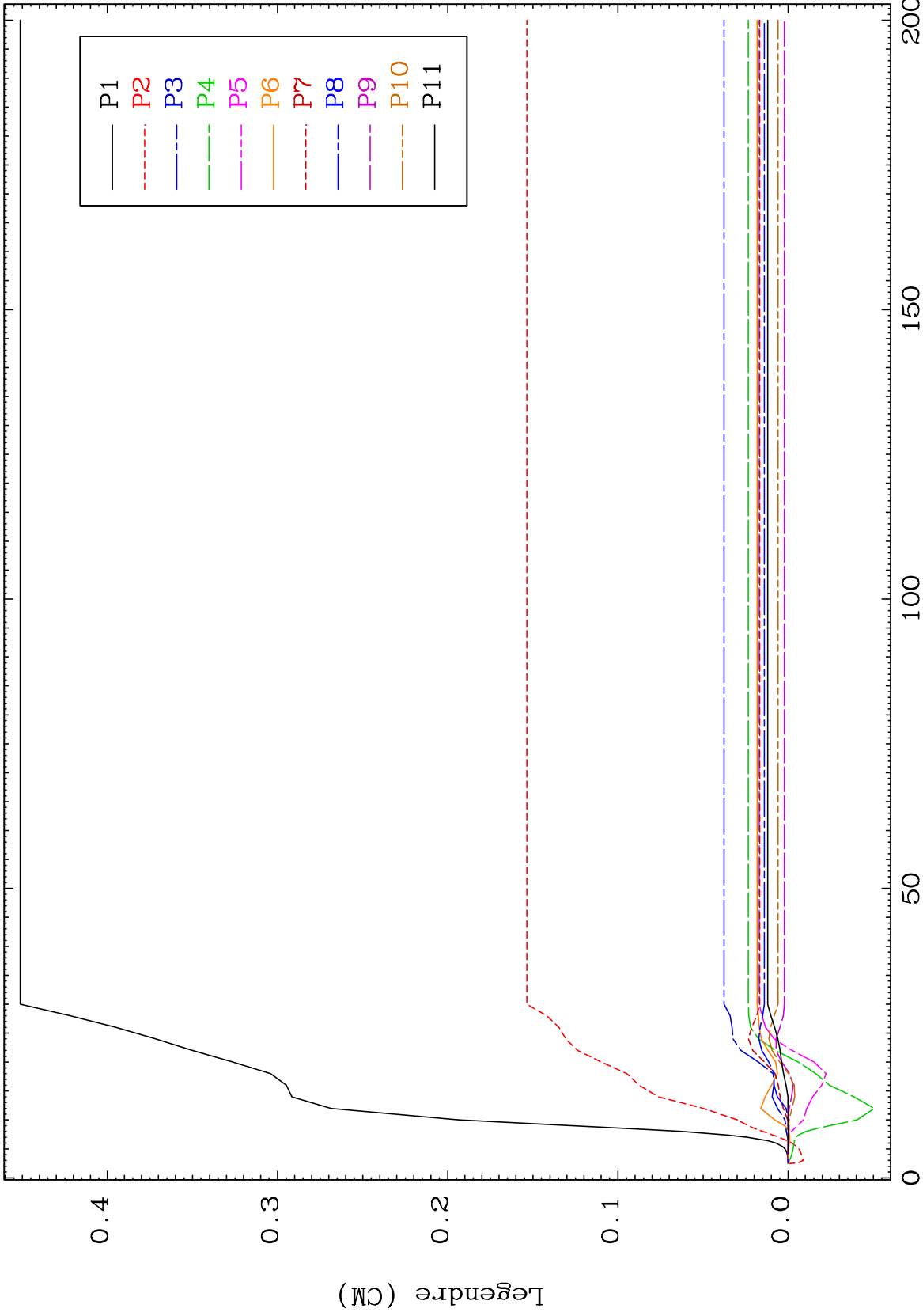
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



108

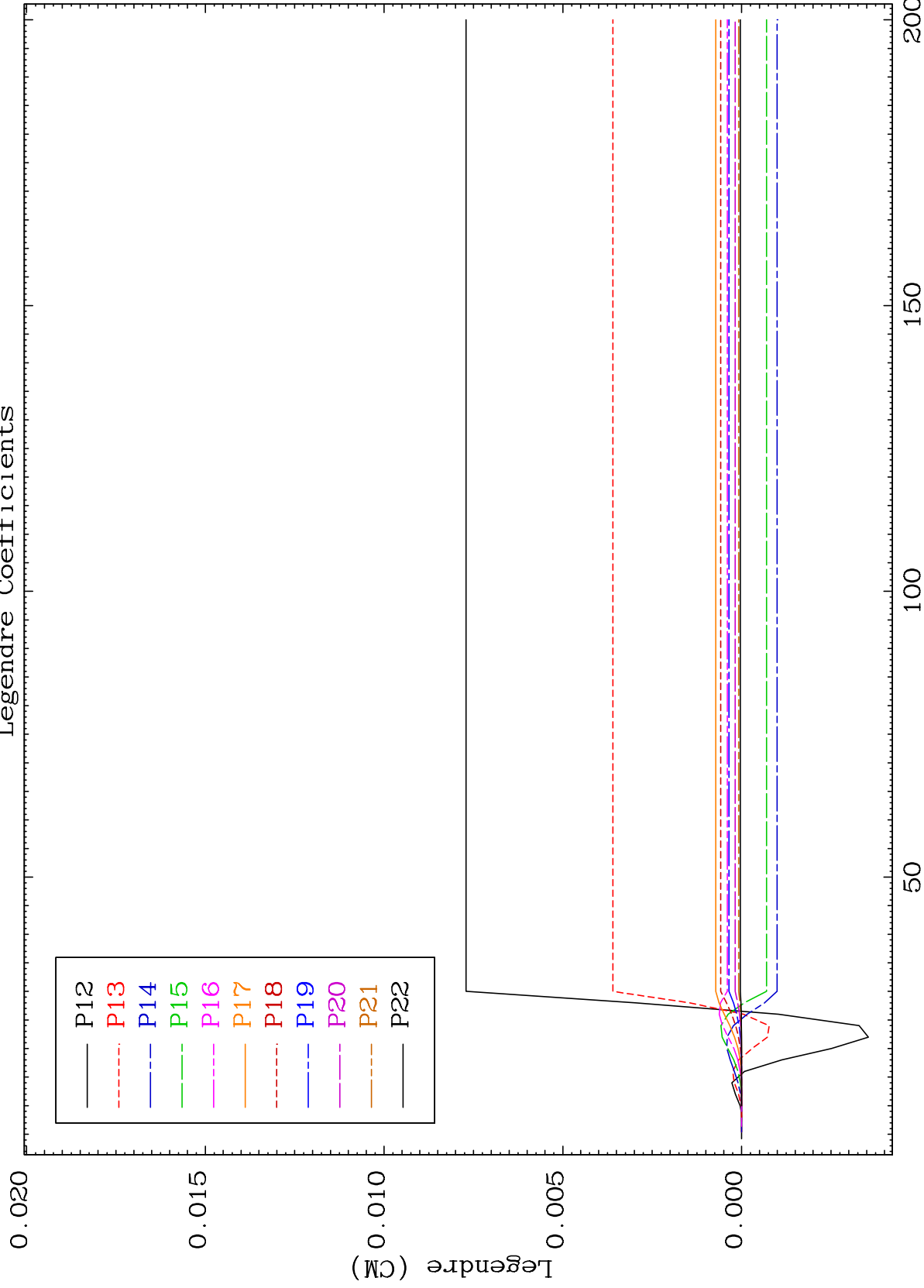
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



109

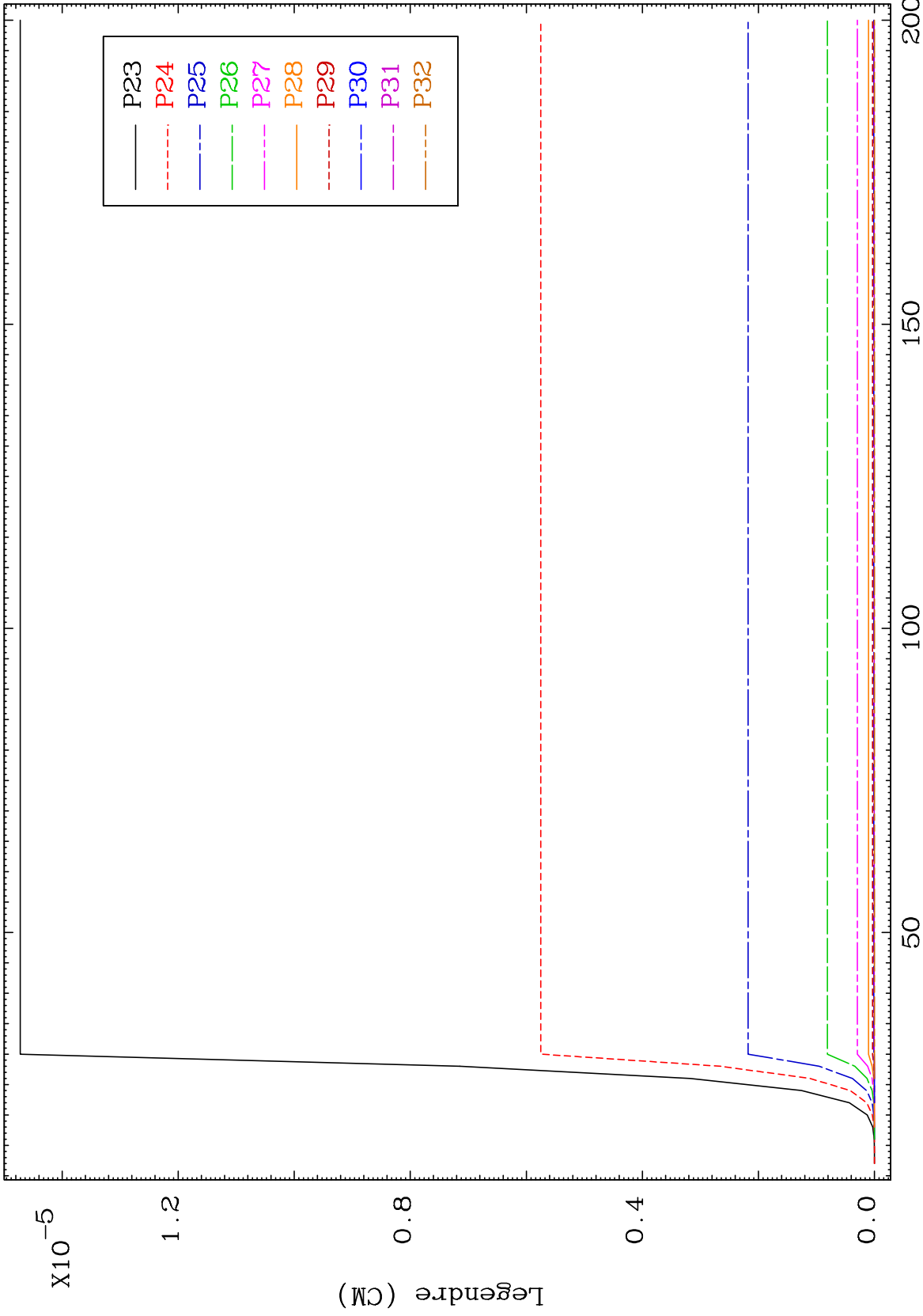
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



110

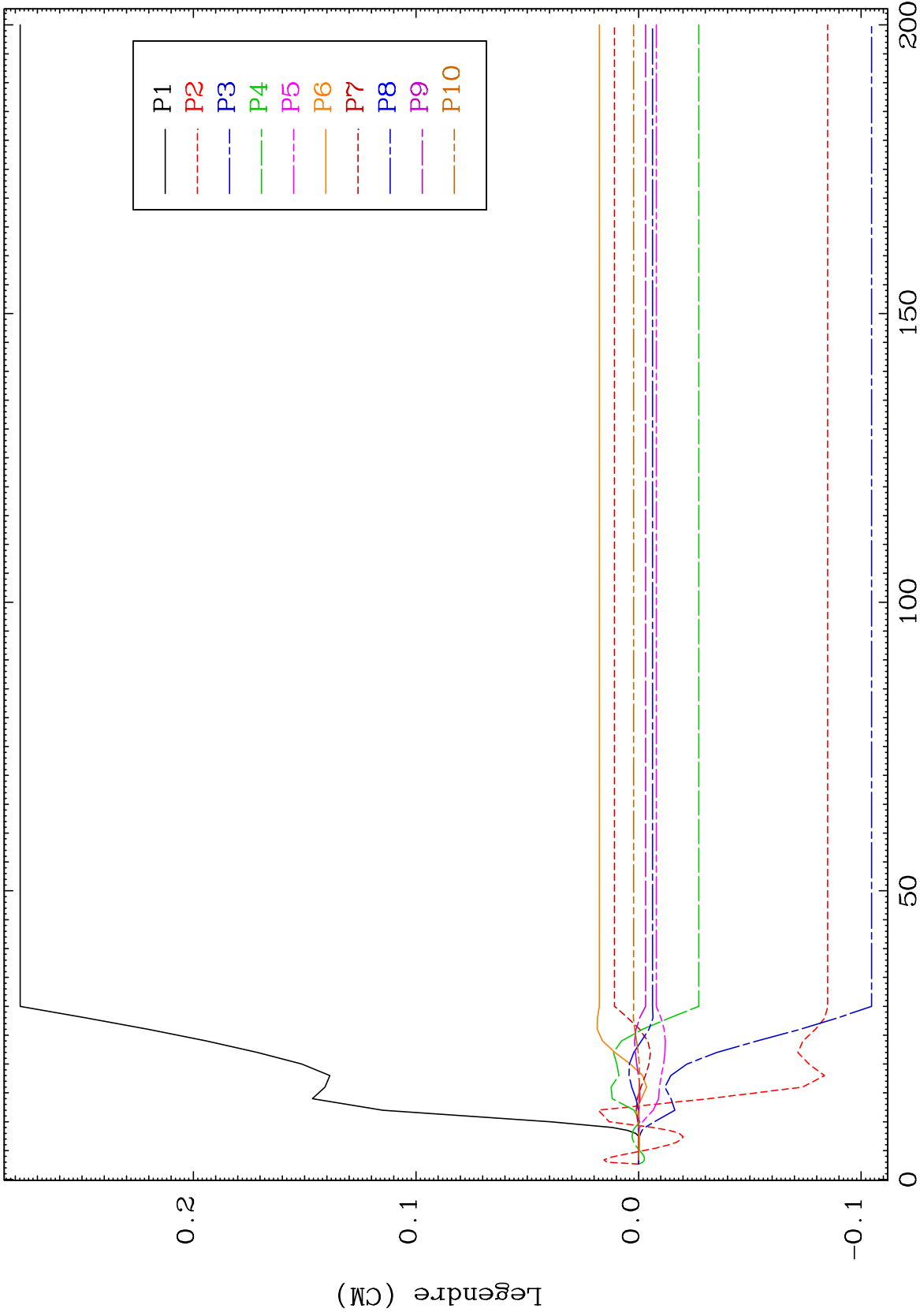
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



111

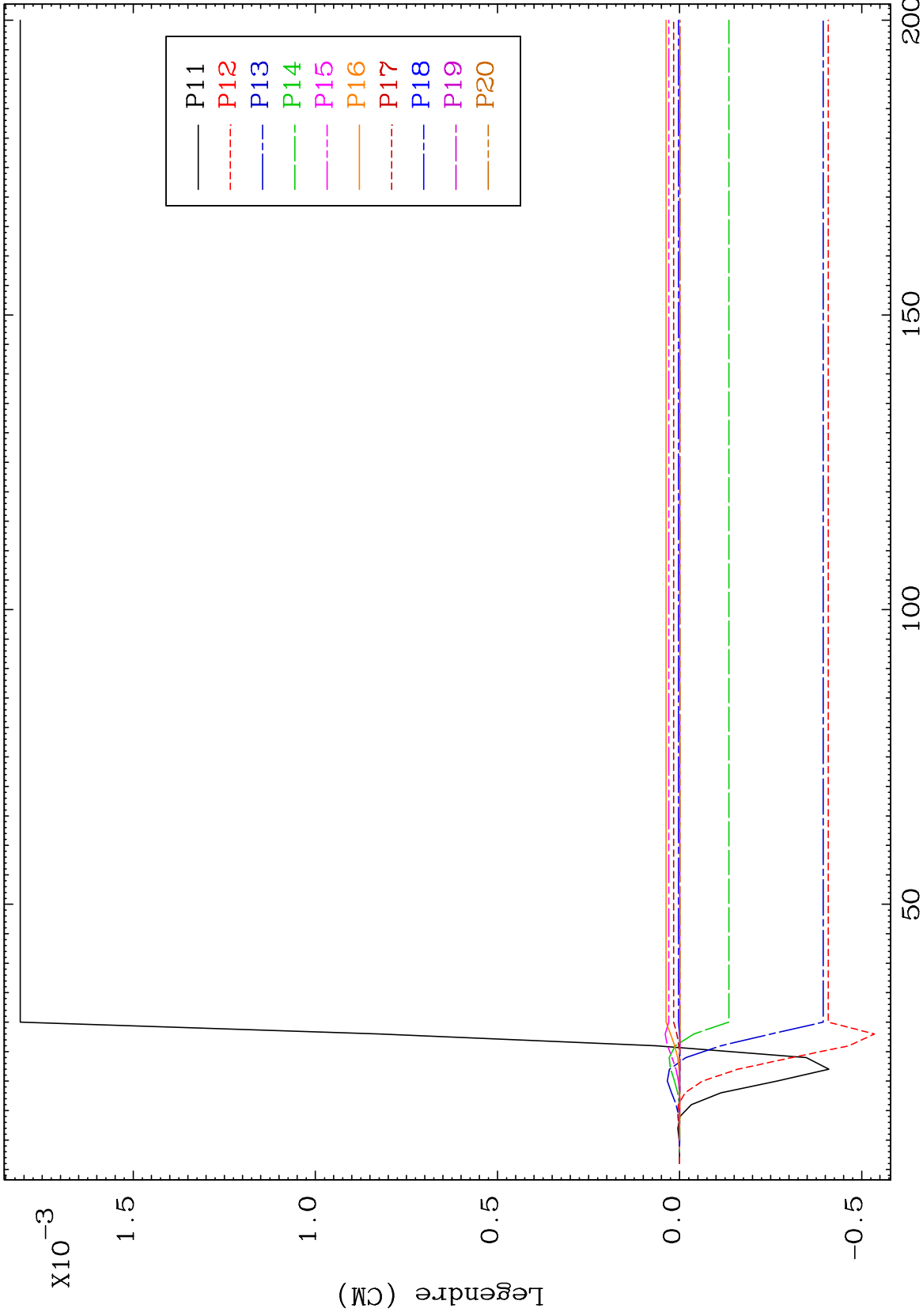
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



112

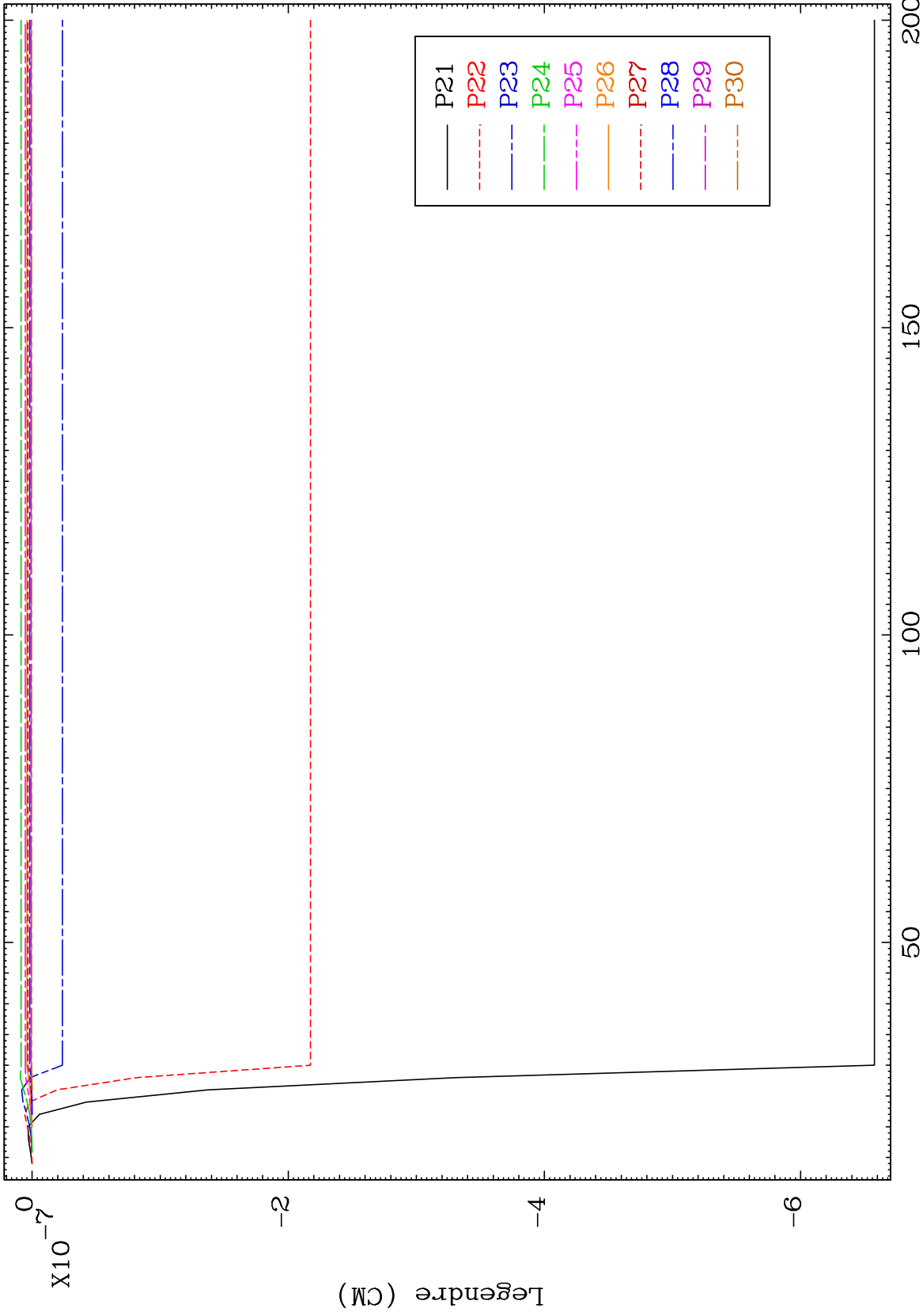
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



113

31-Ga-77

MAT 3149

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

31-Ga-77



114

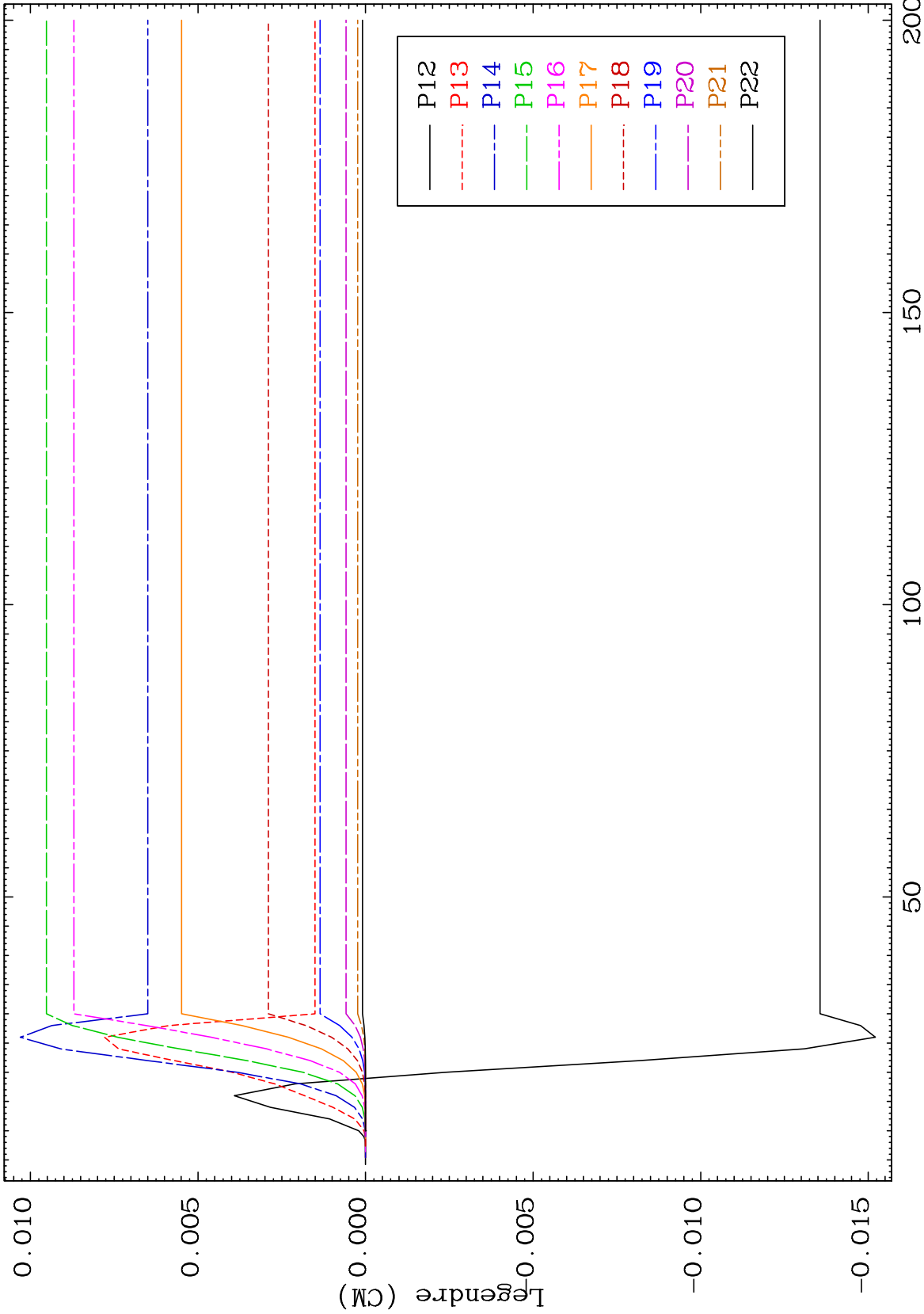
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



115

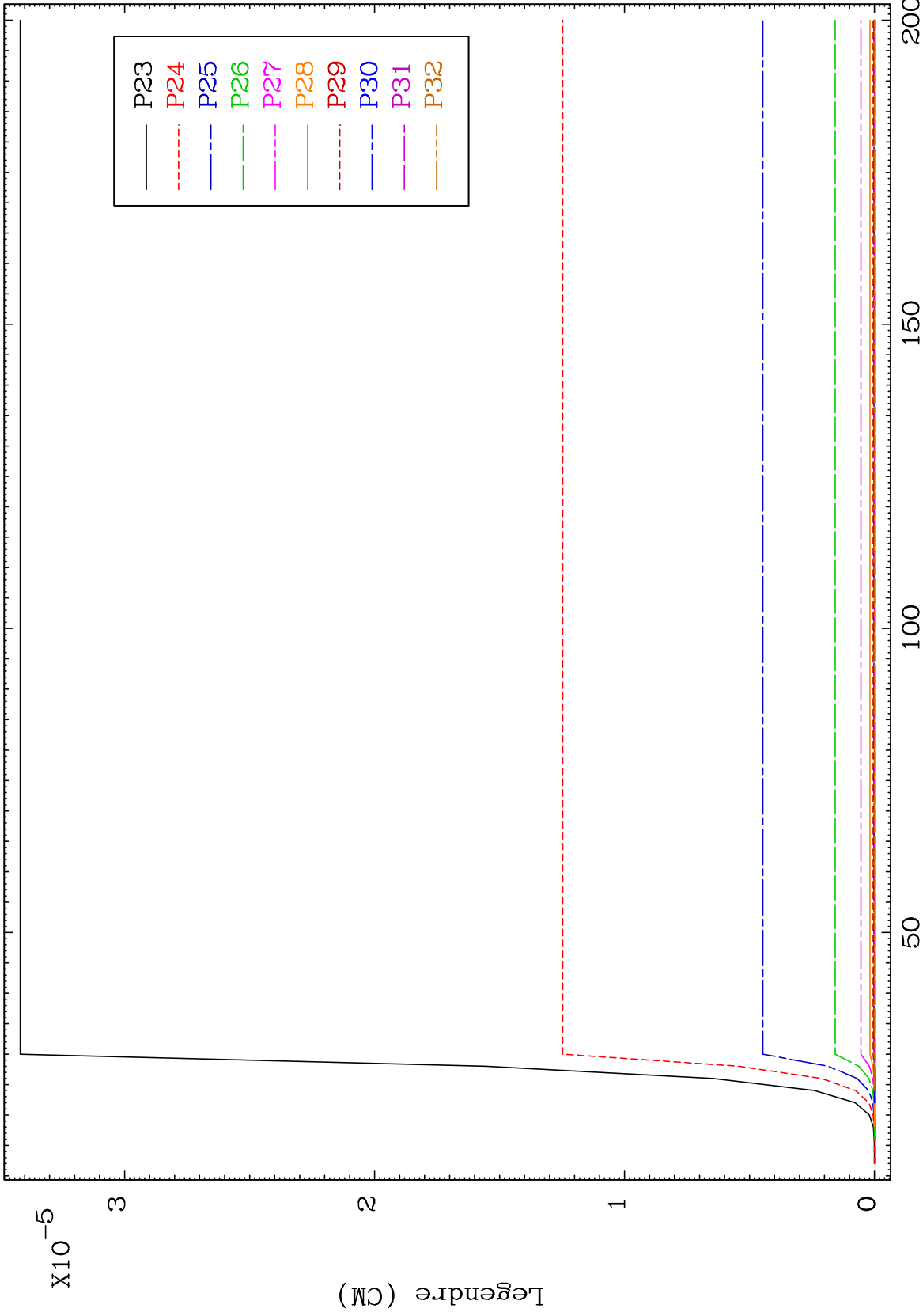
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



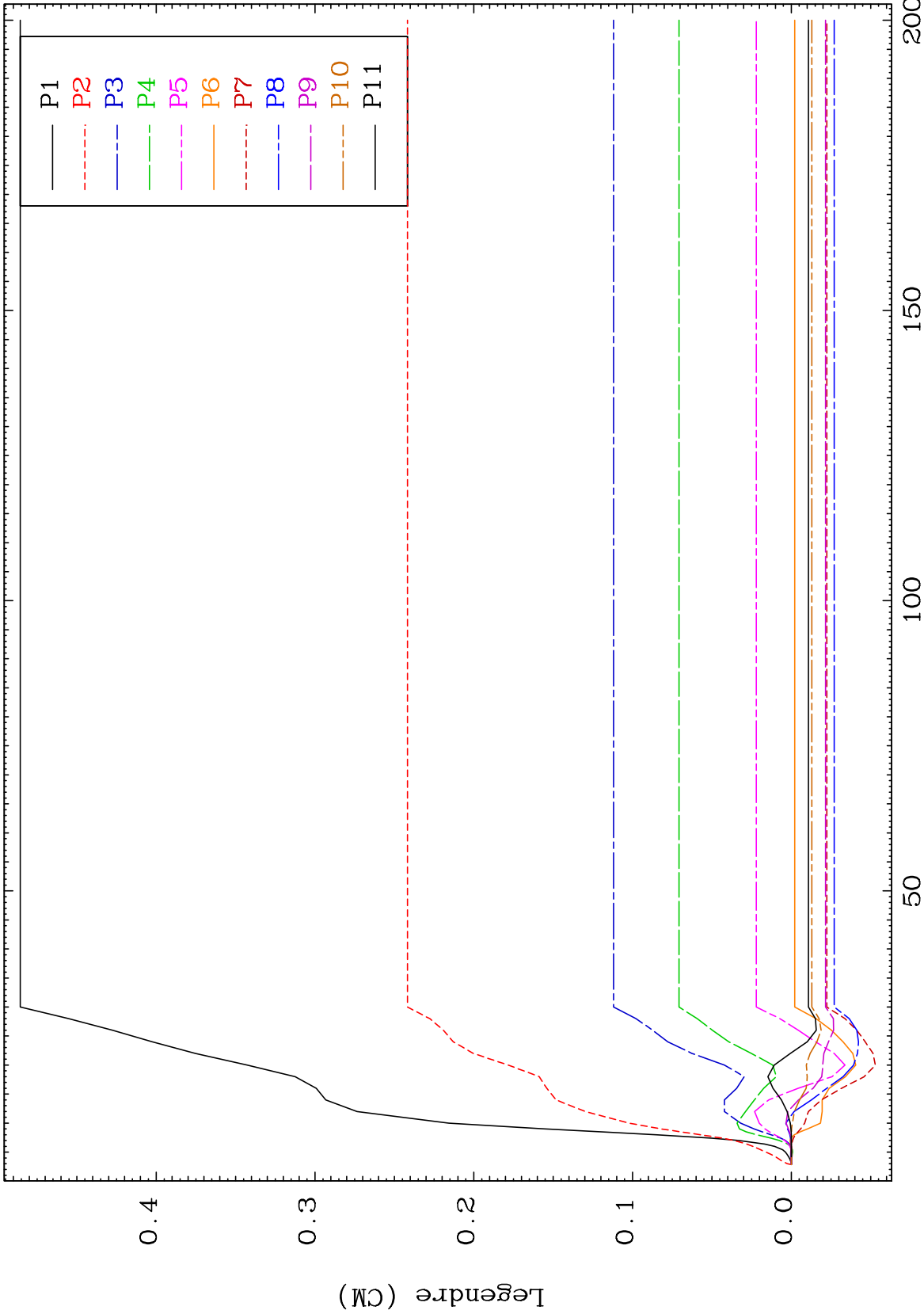
116

31-Ga-77

MAT 3149

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

31-Ga-77



117

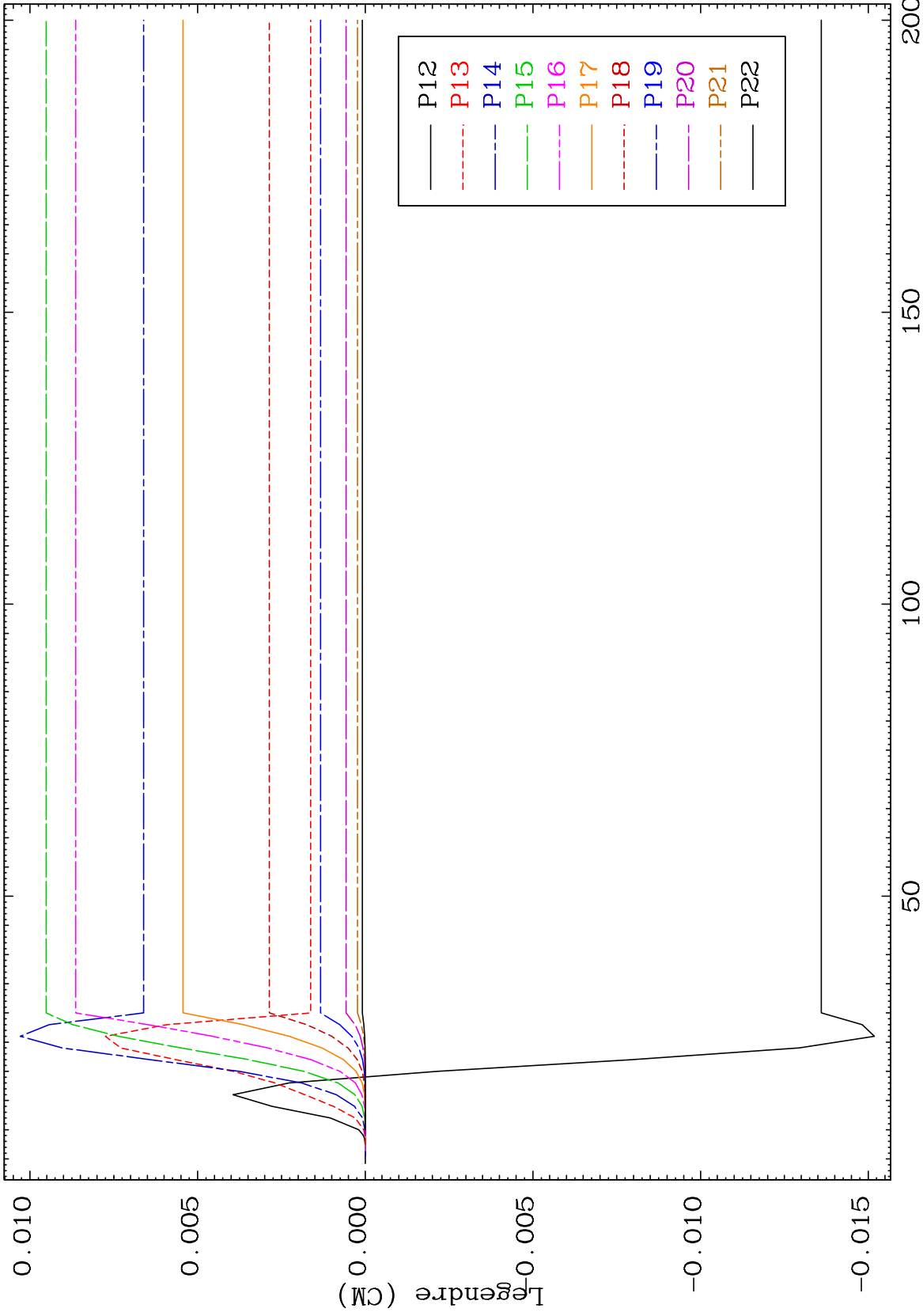
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



118

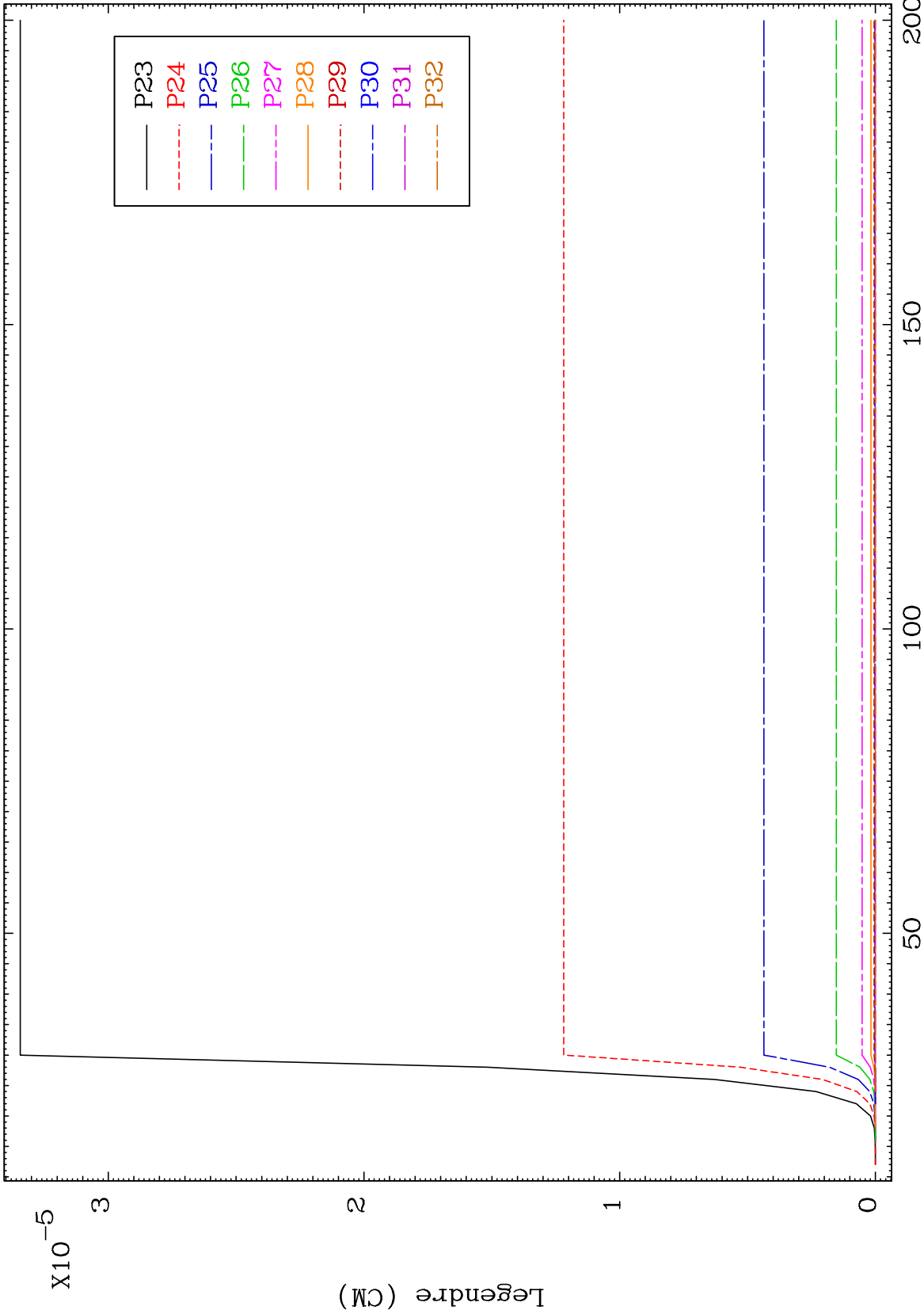
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



119

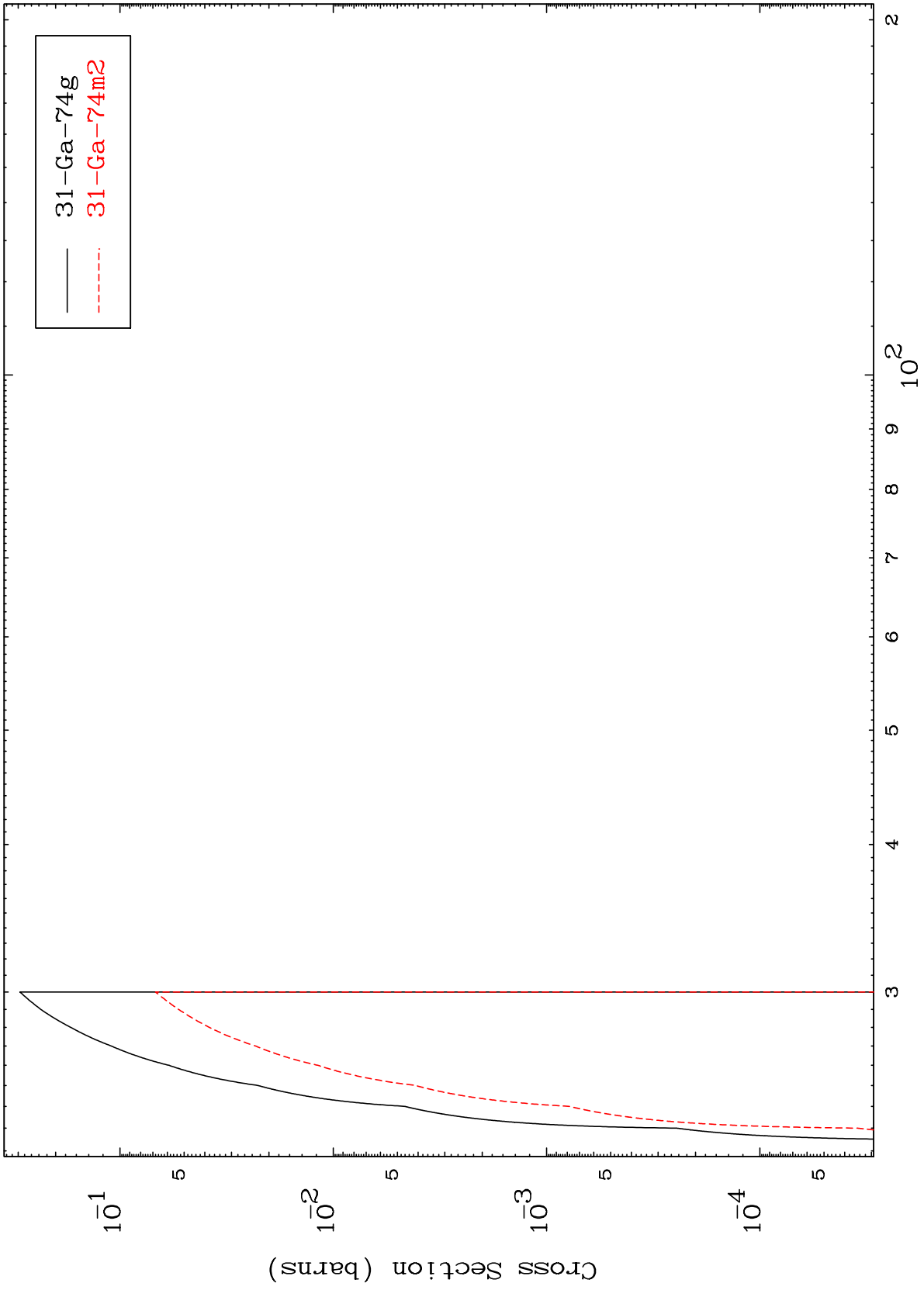
Incident Energy (MeV)

31-Ga-77

MAT 3149

31-Ga-77

(n,4n)
Radionuclide Production Cross Section



120

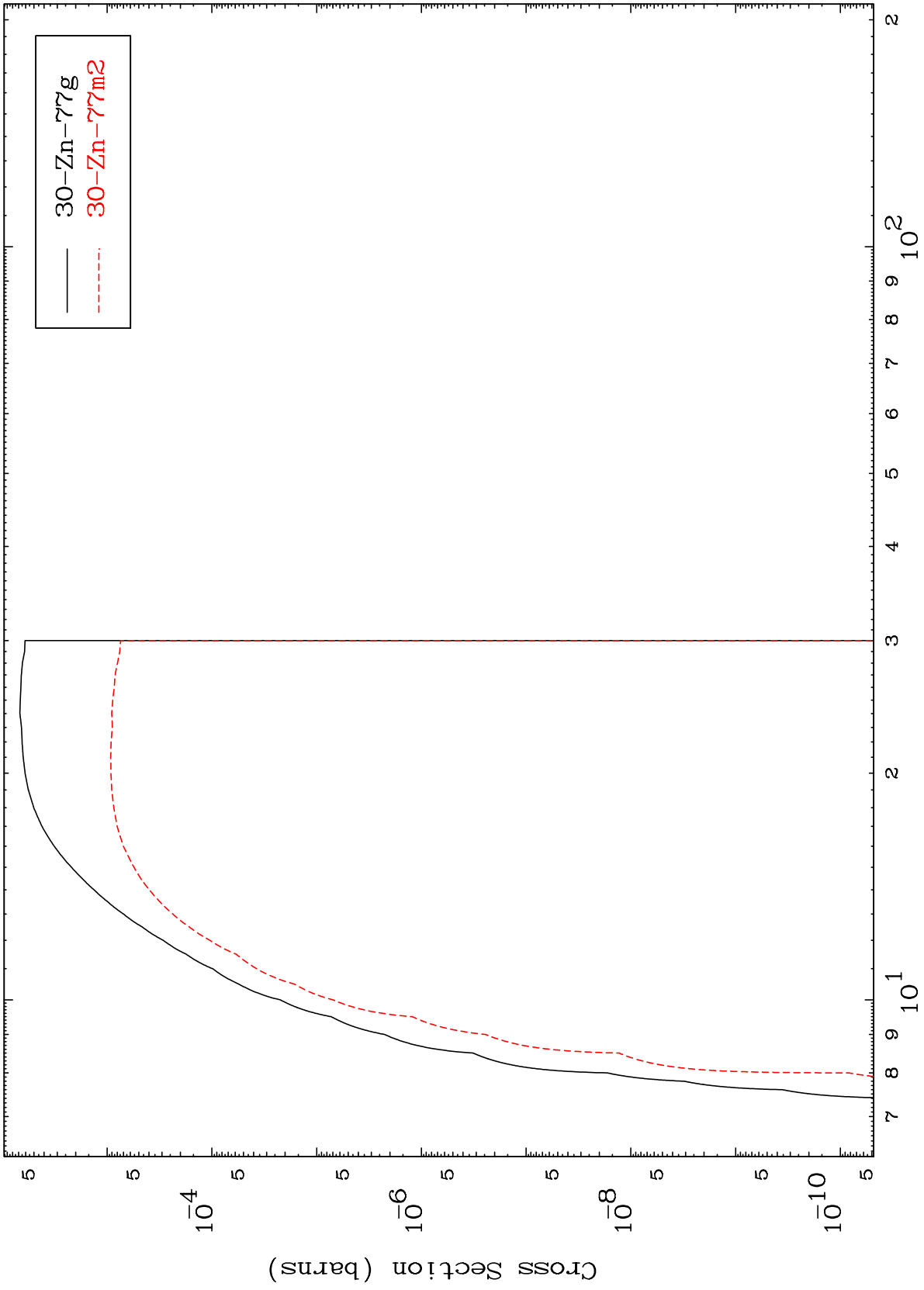
Incident Energy (MeV)

31-Ga-77

MAT 3149

31-Ga-77

(n,p)
Radionuclide Production Cross Section



121

Incident Energy (MeV)

31-Ga-77