

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

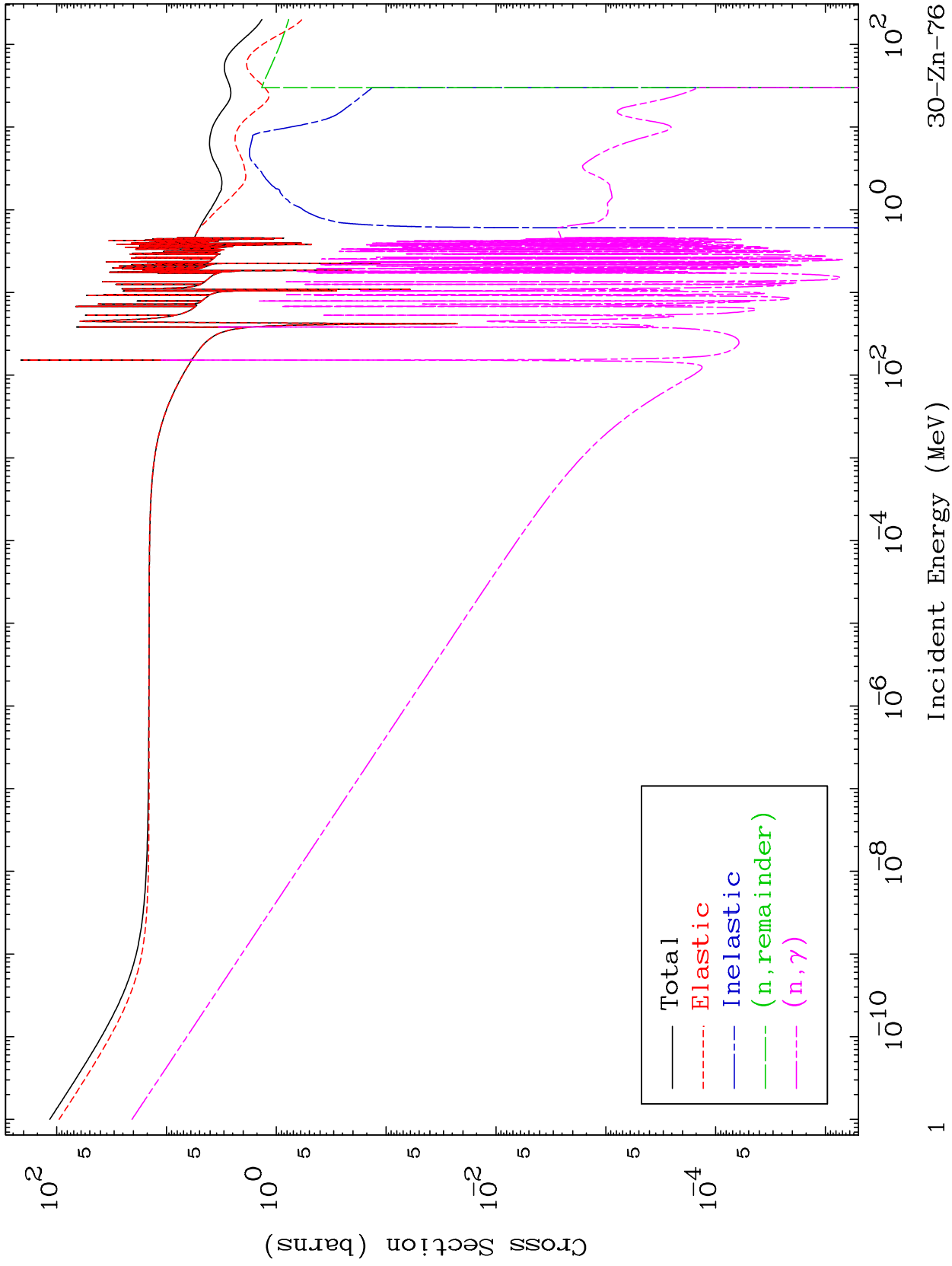
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3061

Major
293 Kelvin Cross Sections

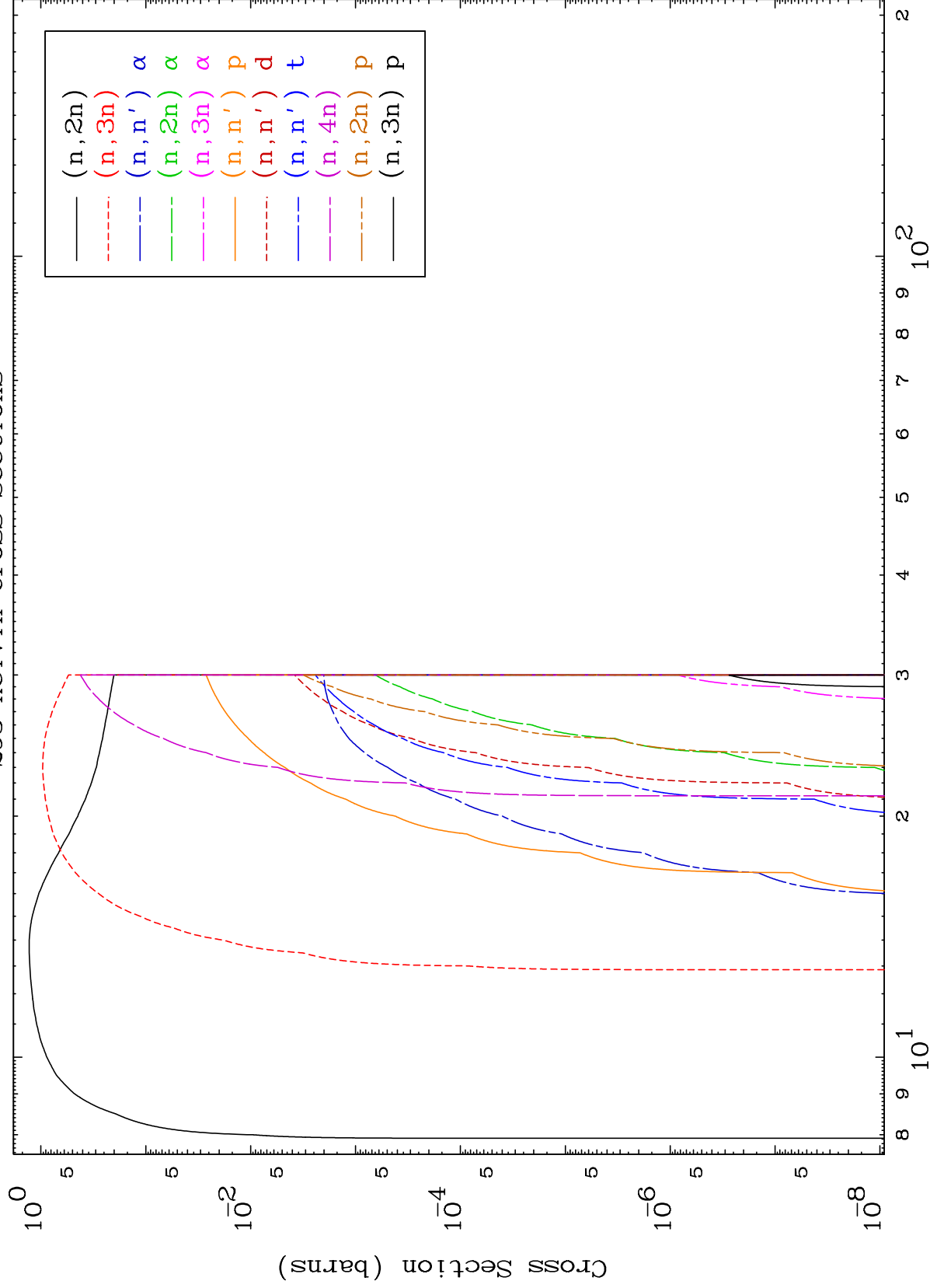
30-Zn-76



MAT 3061

Neutron Production
293 Kelvin Cross Sections

30-Zn-76



2

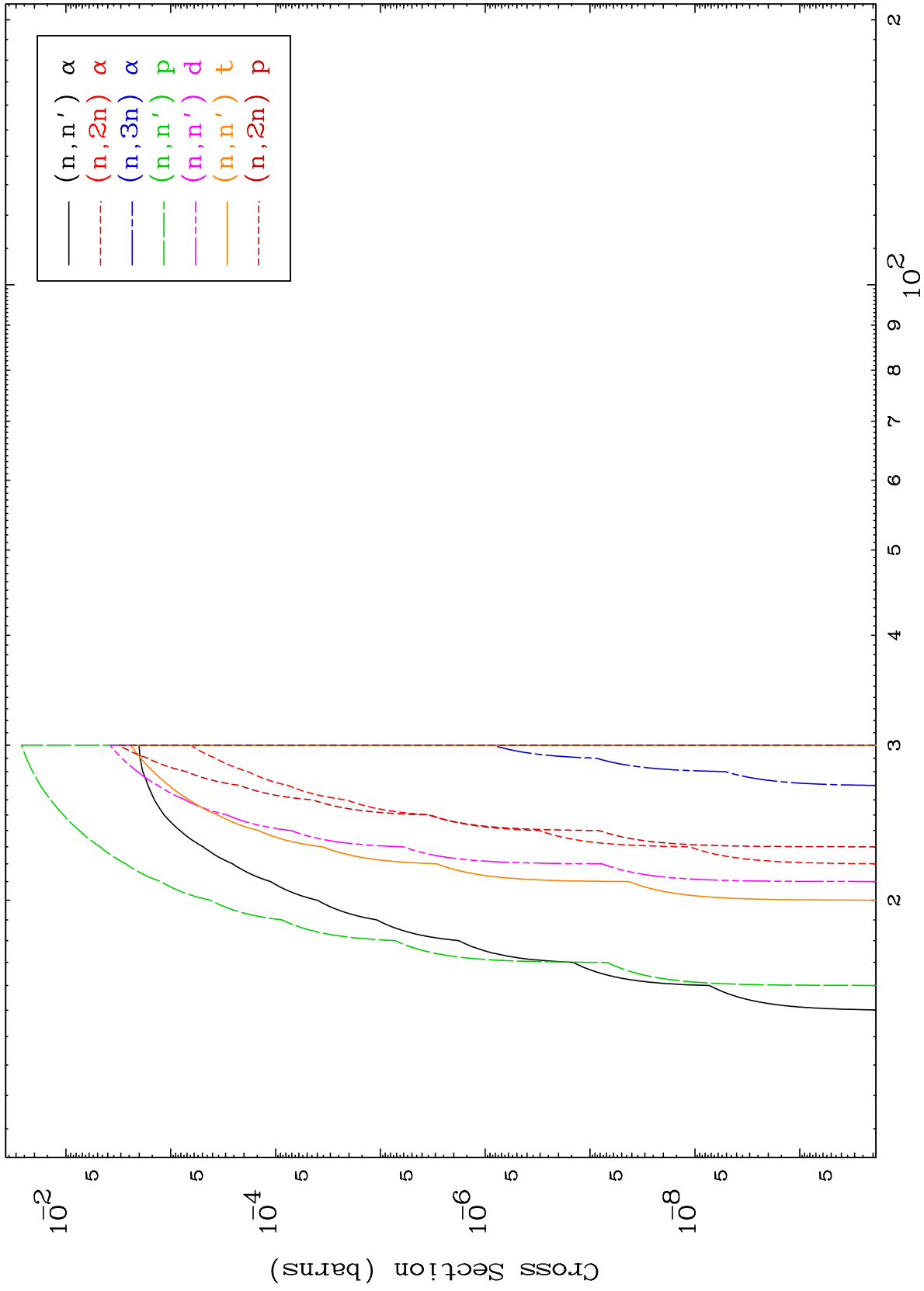
Incident Energy (MeV)

30-Zn-76

MAT 3061

Charged Particle
293 Kelvin Cross Sections

30-Zn-76



3

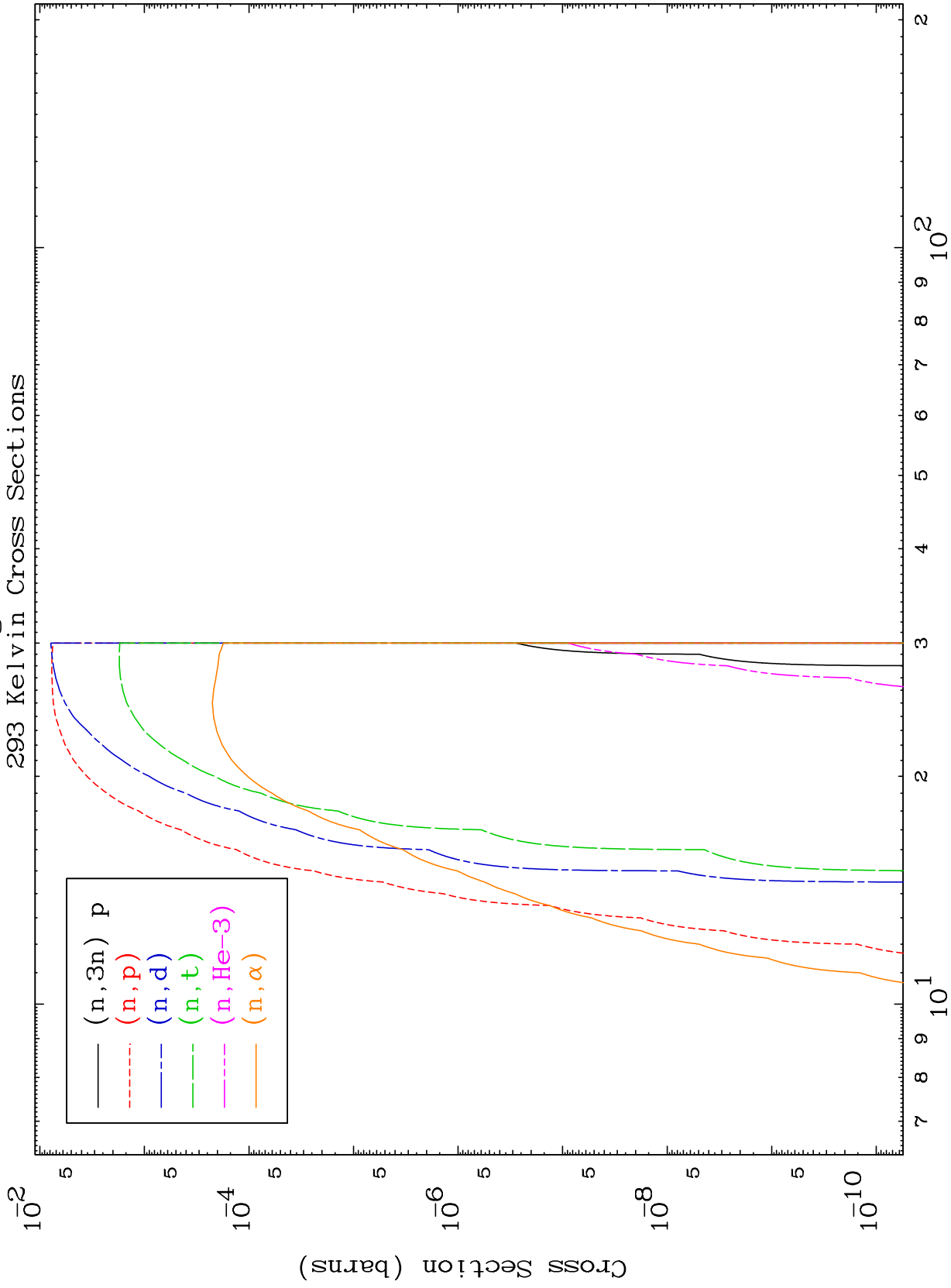
Incident Energy (MeV)

30-Zn-76

MAT 3061

Charged Particle
293 Kelvin Cross Sections

30-Zn-76



4

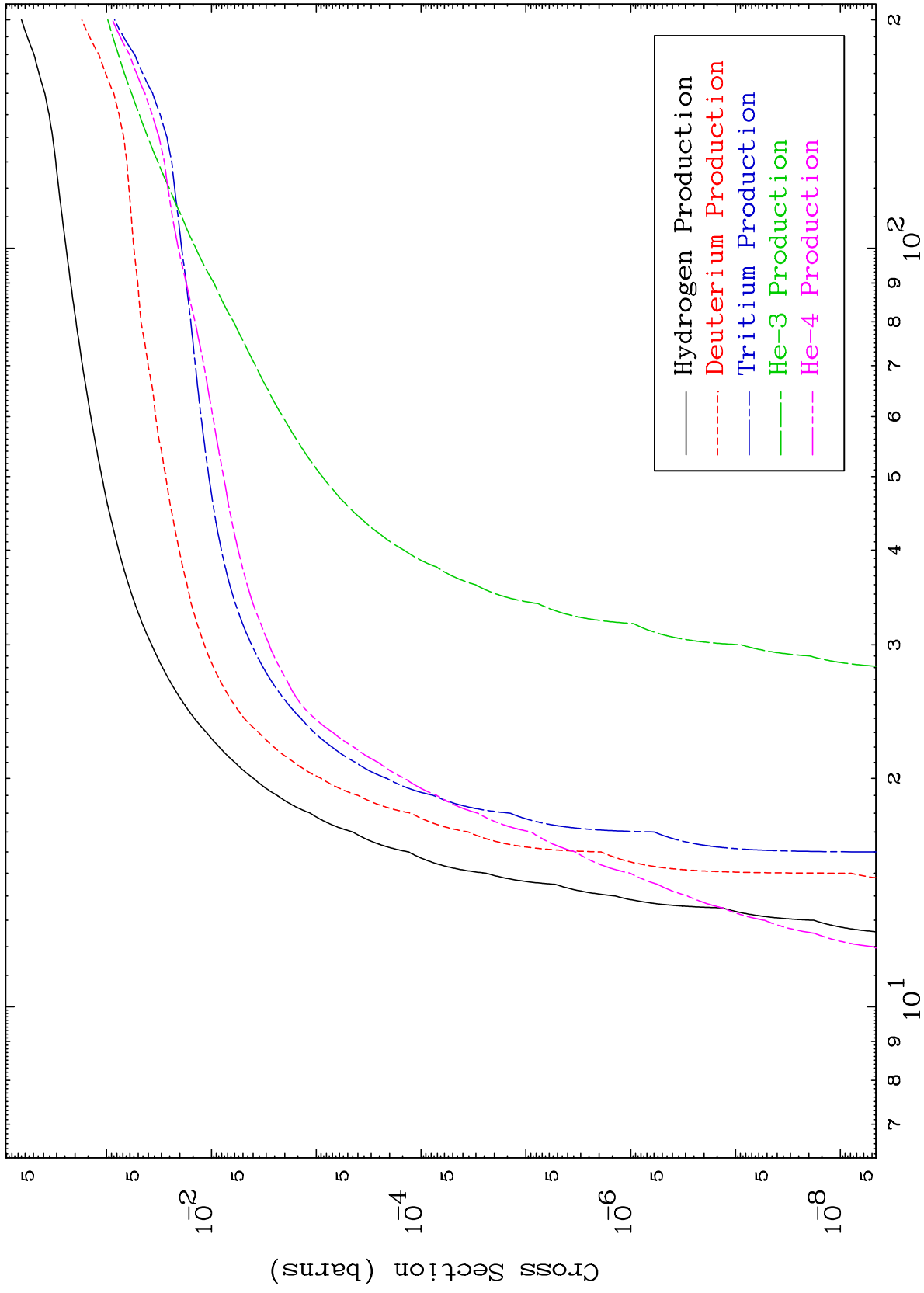
Incident Energy (MeV)

30-Zn-76

MAT 3061

Particle Production
293 Kelvin Cross Sections

30-Zn-76



5

Incident Energy (MeV)

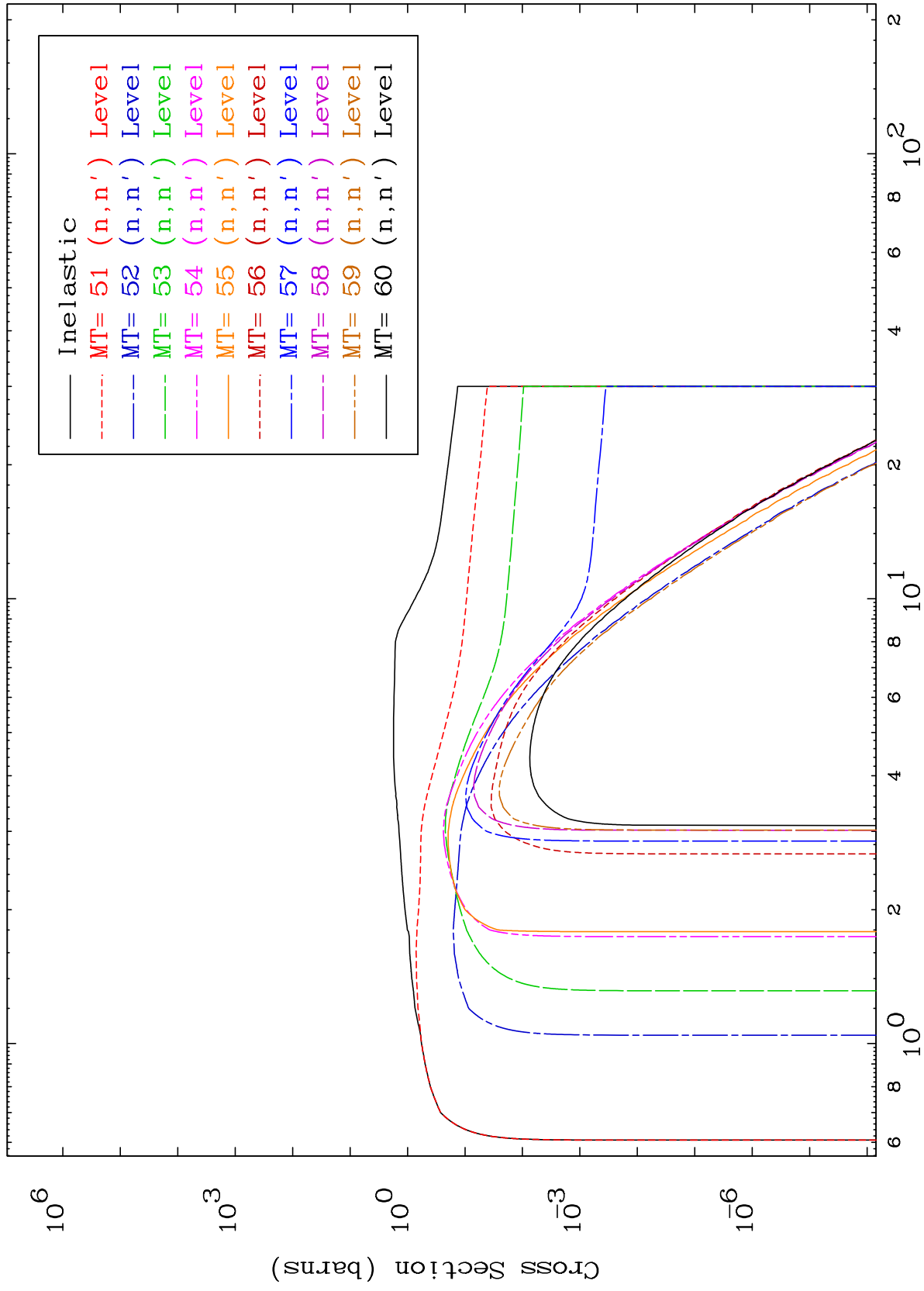
30-Zn-76

MAT 3061

(n,n') Level

293 Kelvin Cross Sections

30-Zn-76



6

Incident Energy (MeV)

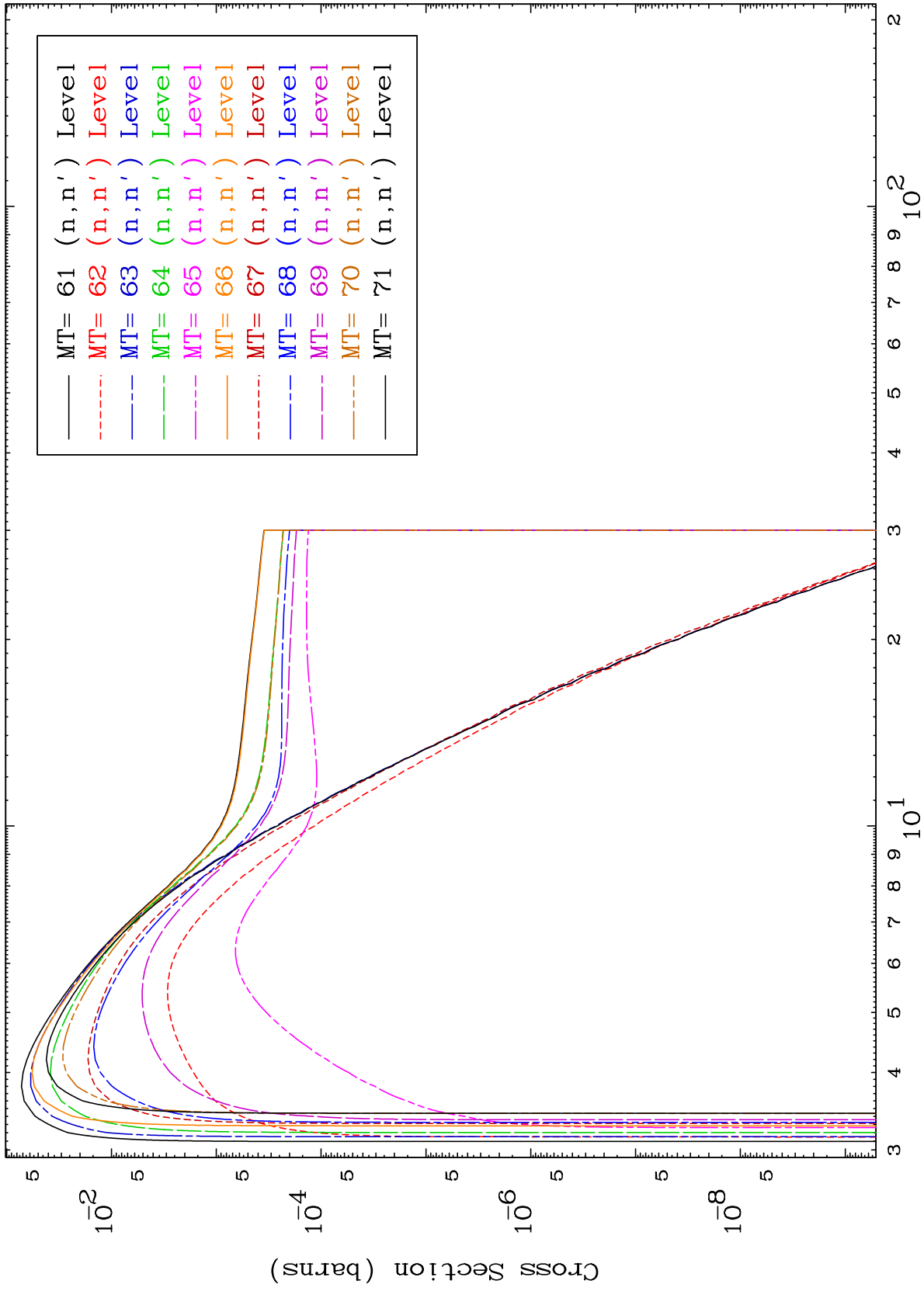
30-Zn-76

MAT 3061

(n,n') Level

30-Zn-76

293 Kelvin Cross Sections



7

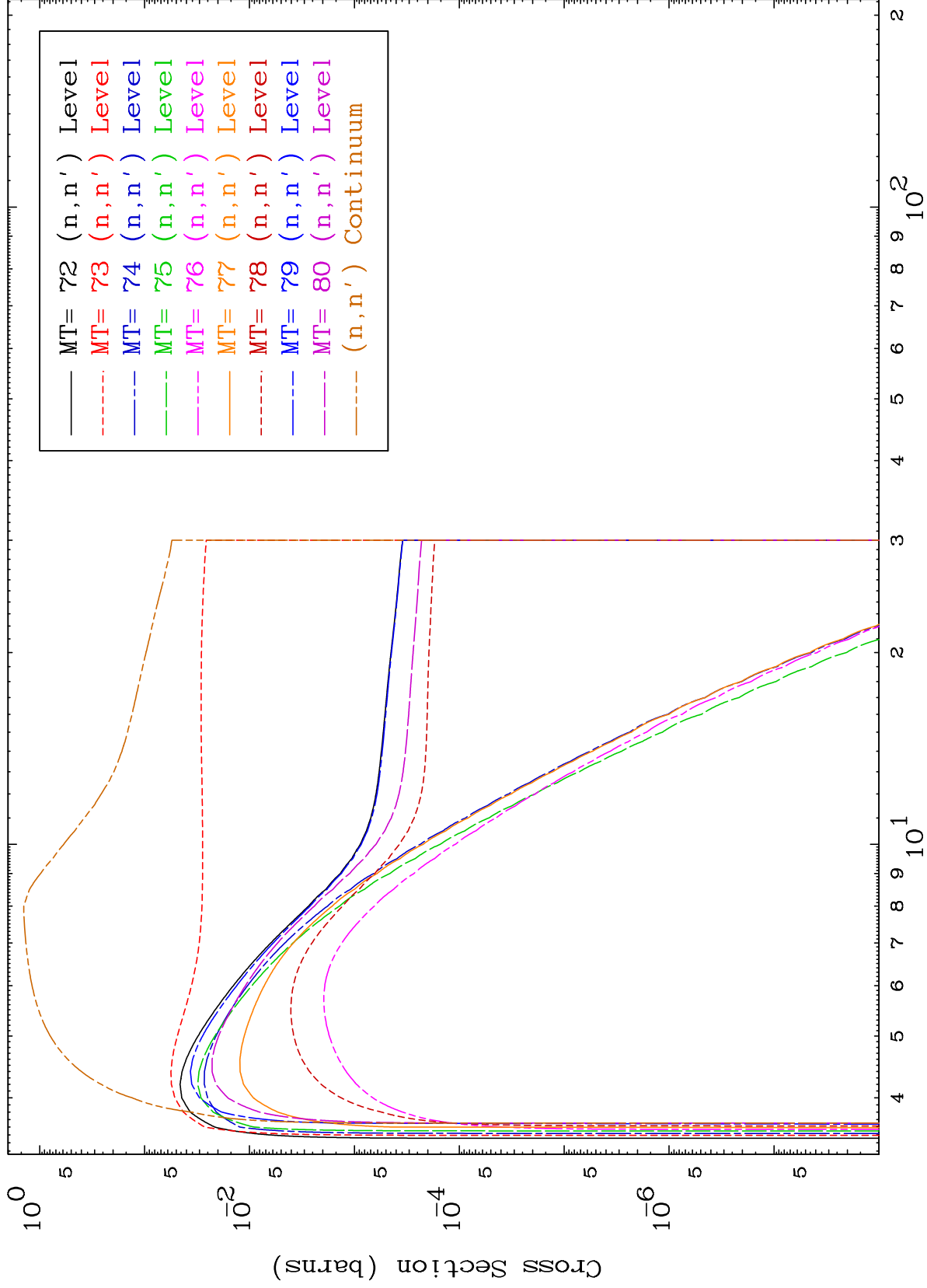
Incident Energy (MeV)

30-Zn-76

MAT 3061

(n,n') Level
293 Kelvin Cross Sections

30-Zn-76



8

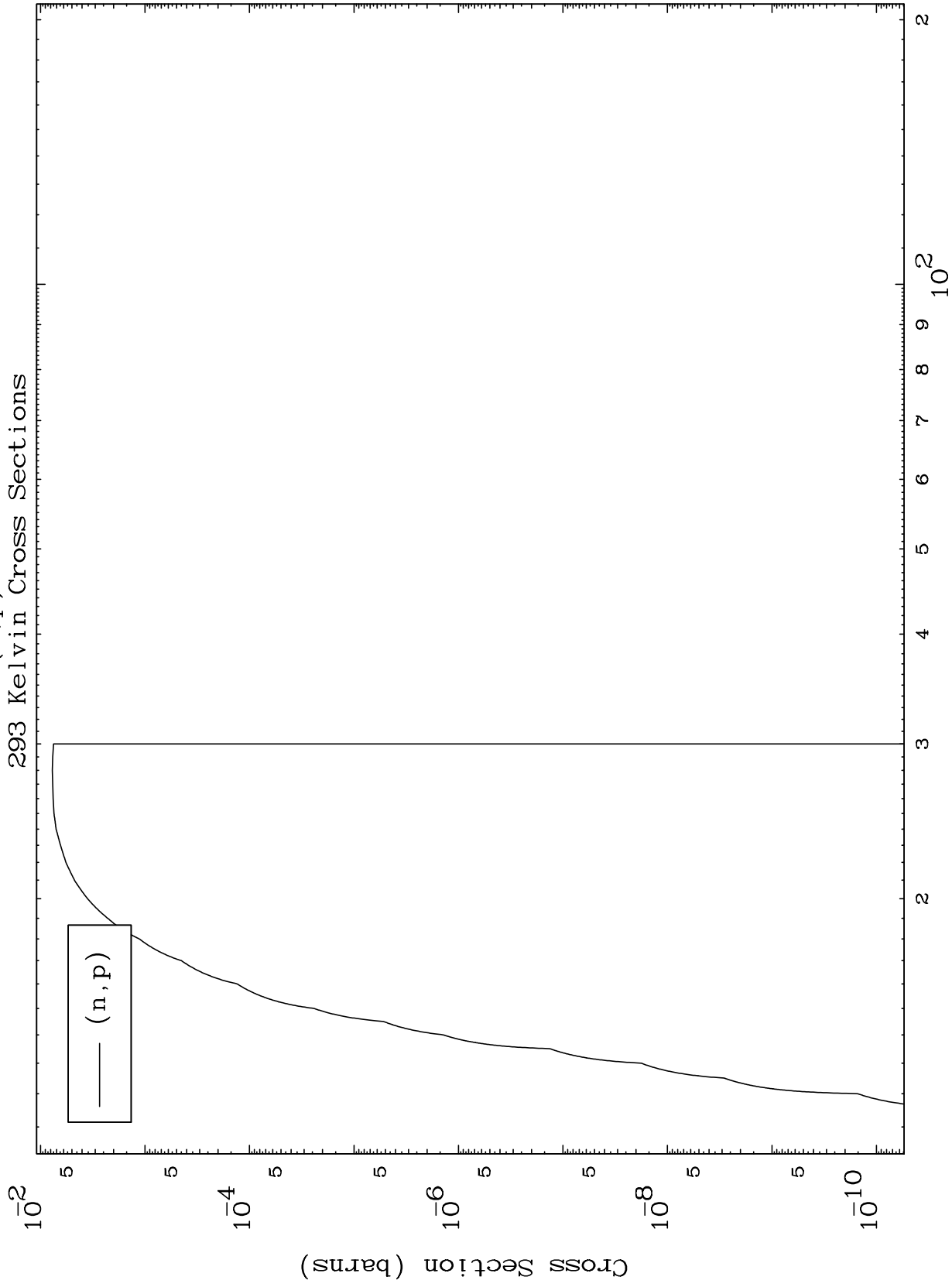
Incident Energy (MeV)

30-Zn-76

MAT 3061

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-76



9

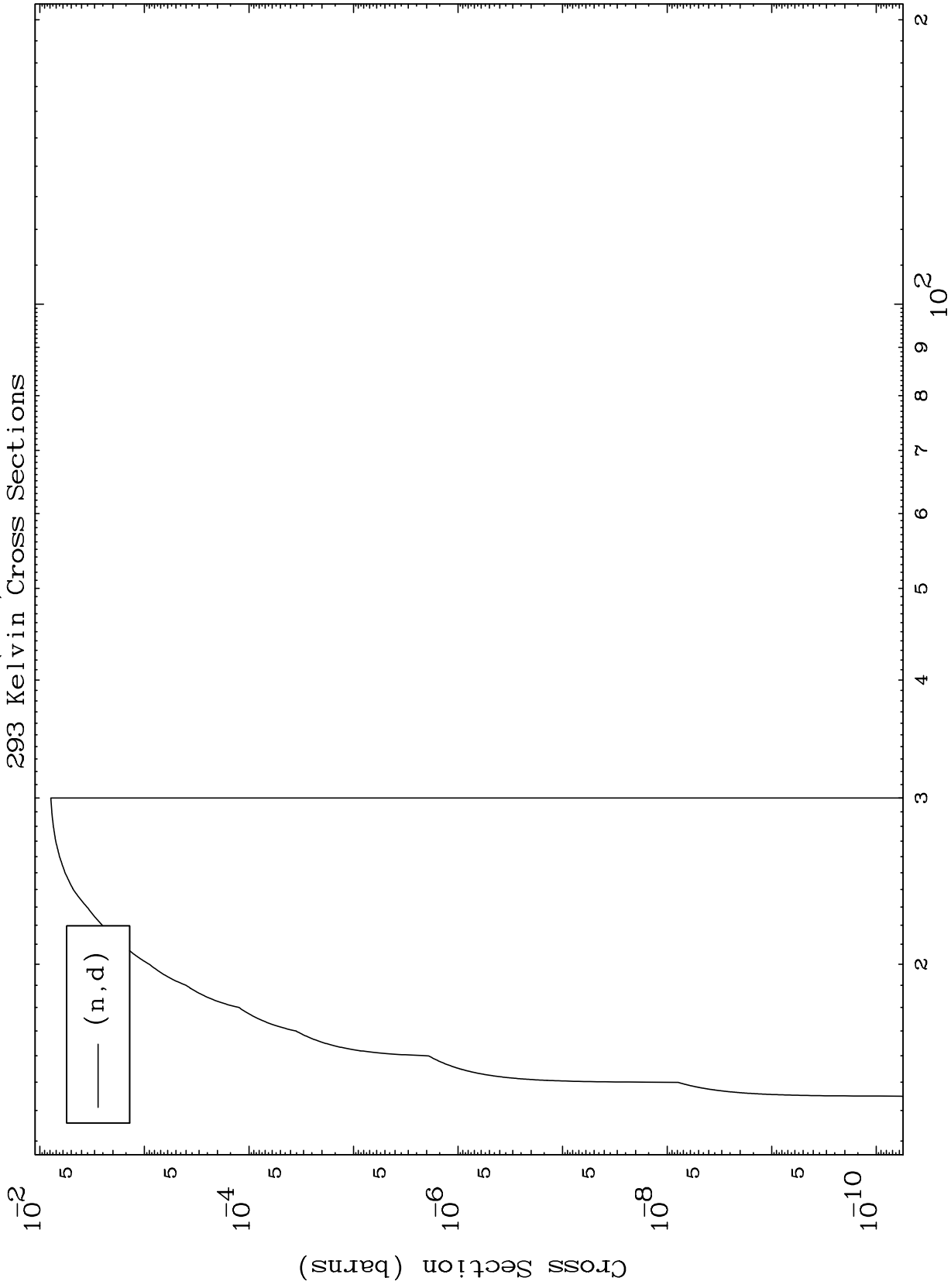
Incident Energy (MeV)

30-Zn-76

MAT 3061

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-76



10

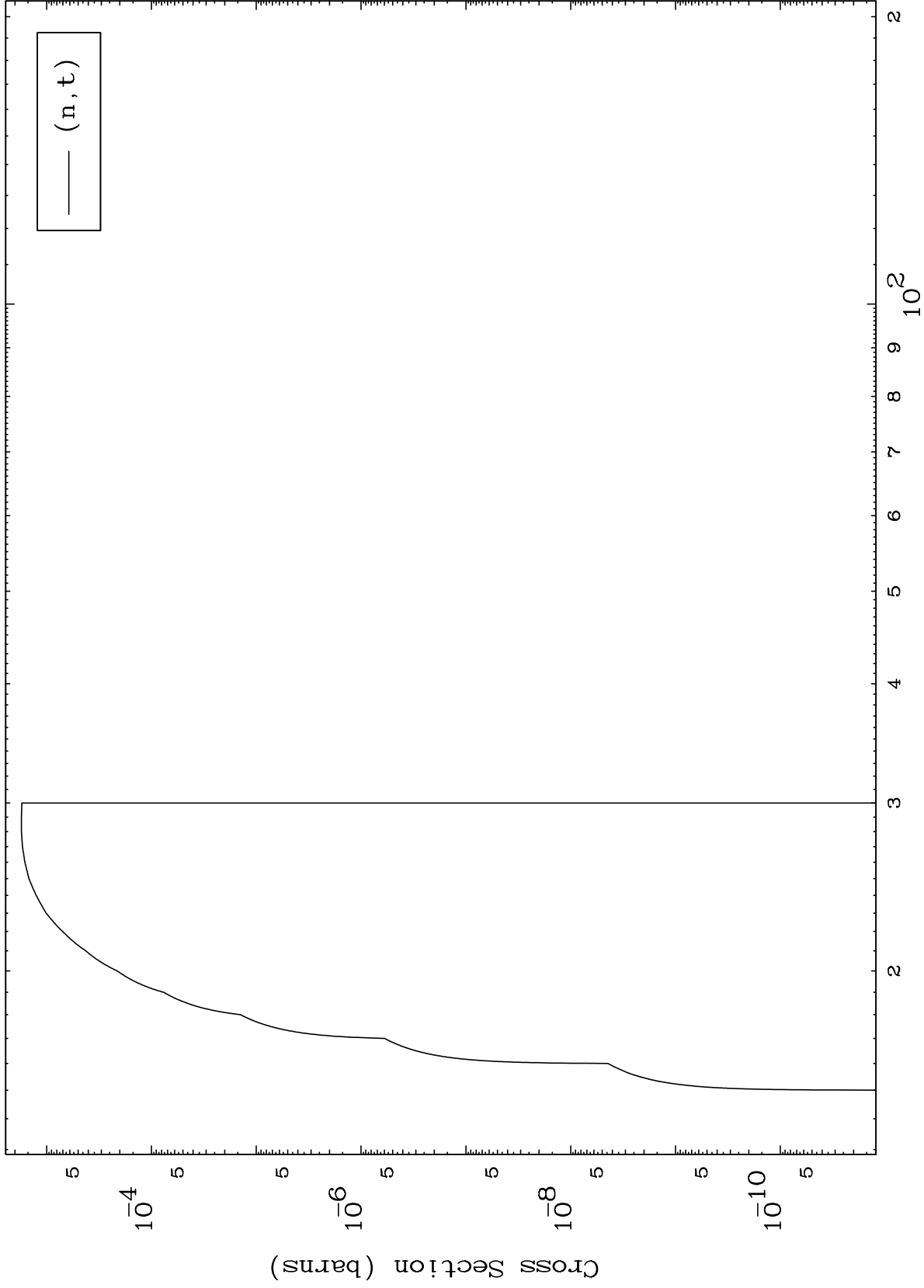
Incident Energy (MeV)

30-Zn-76

MAT 3061

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-76



11

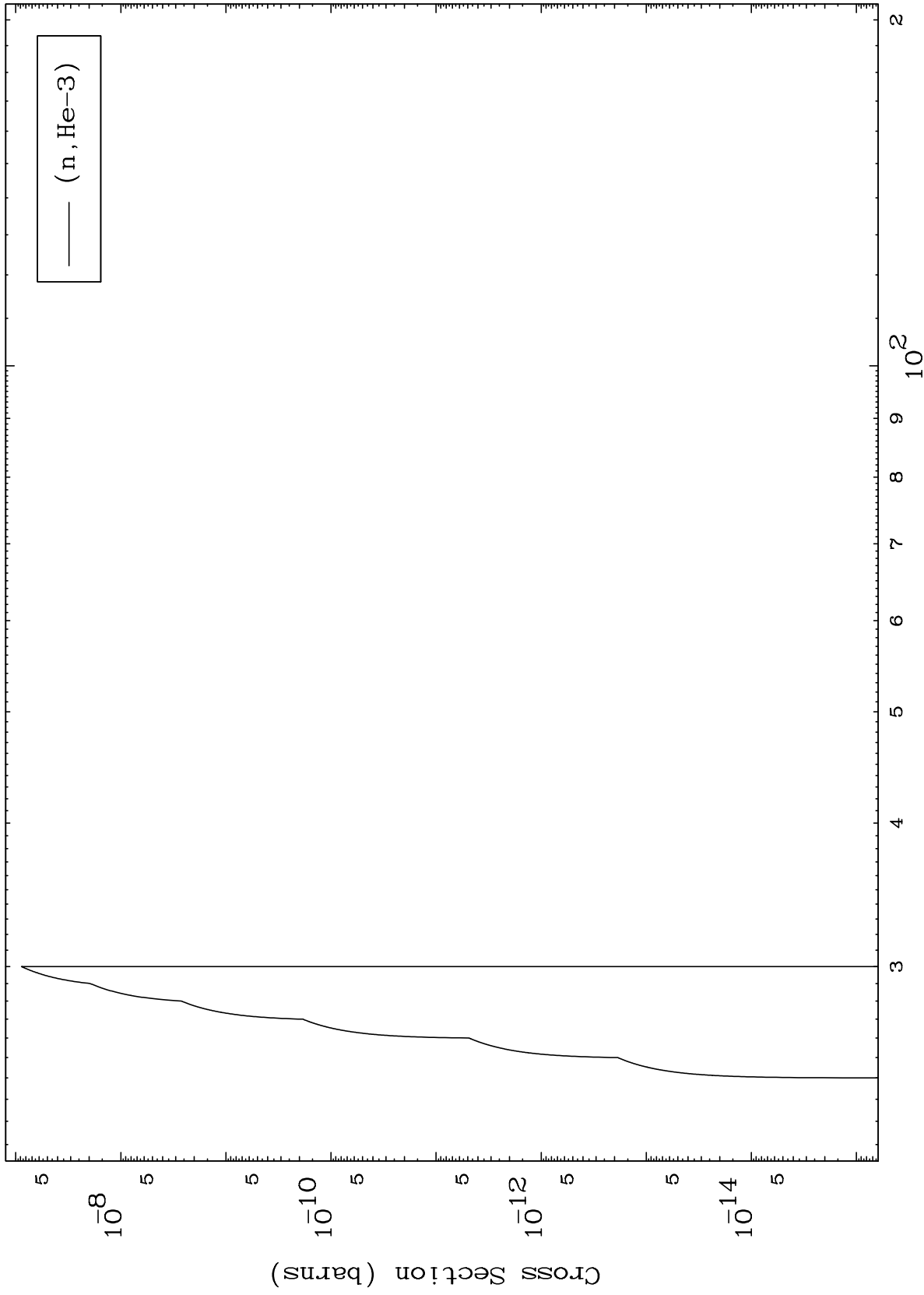
Incident Energy (MeV)

30-Zn-76

MAT 3061

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-76



12

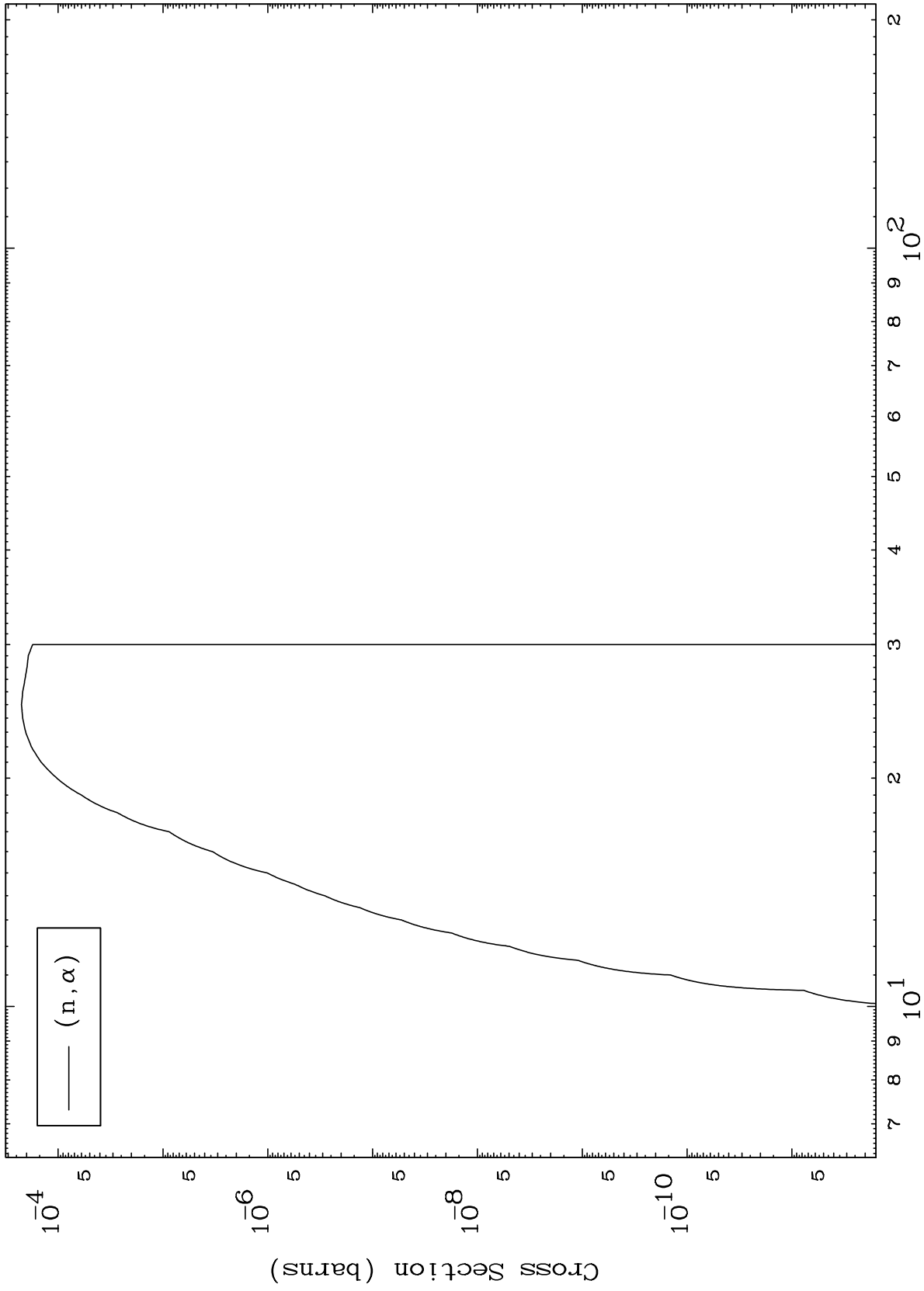
Incident Energy (MeV)

30-Zn-76

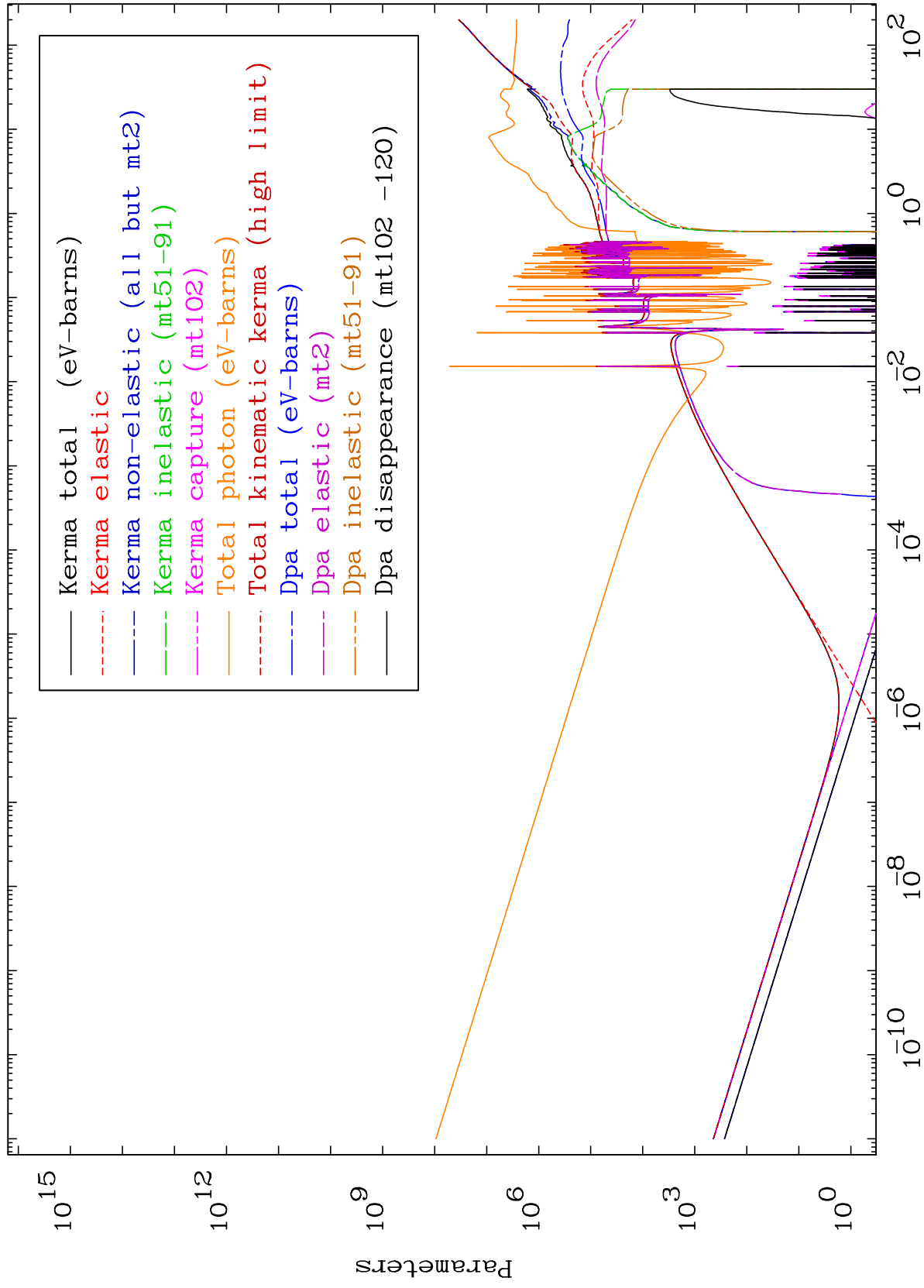
MAT 3061

(n,α) Levels
293 Kelvin Cross Sections

30-Zn-76



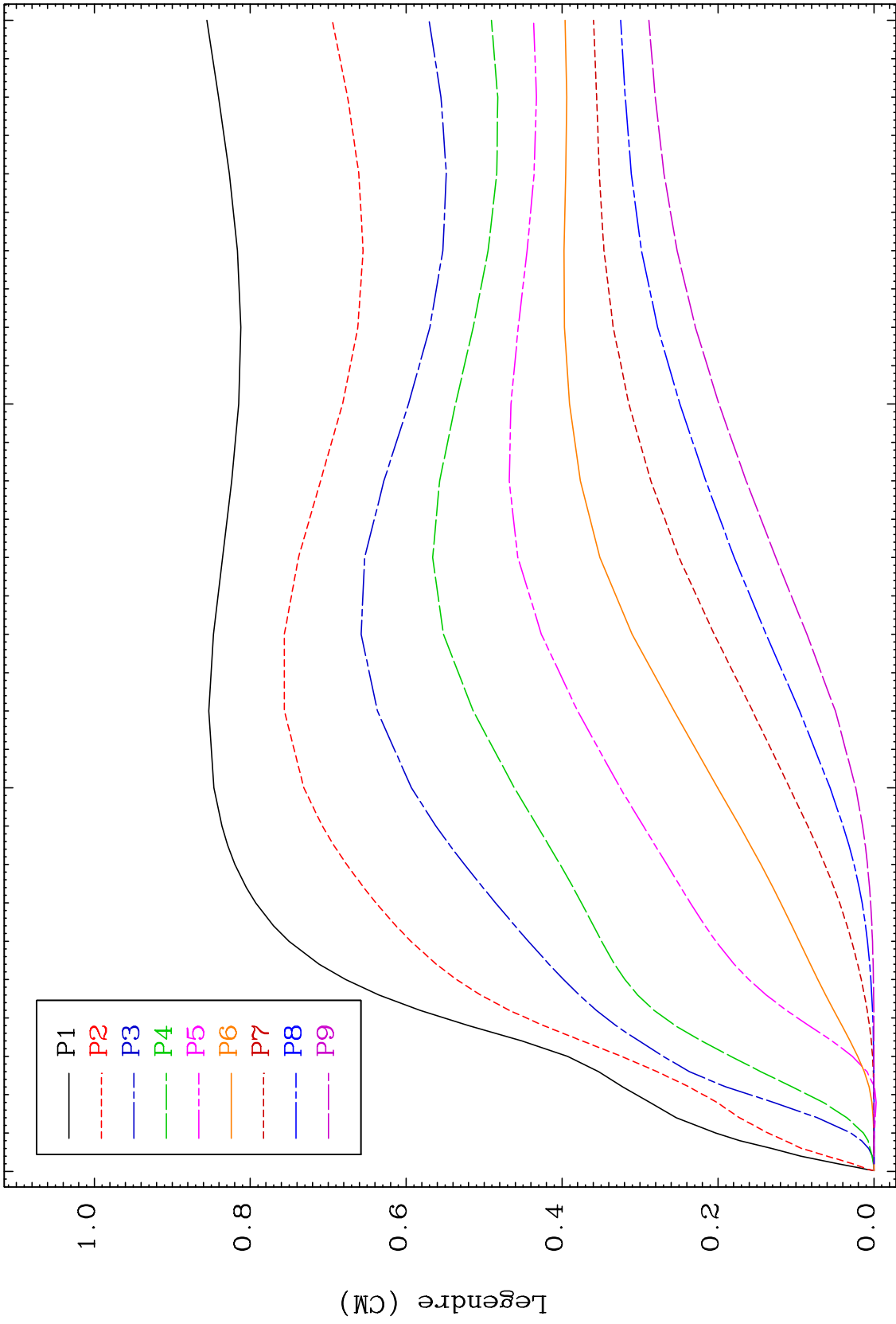
13



MAT 3061

Elastic Legendre Coefficients

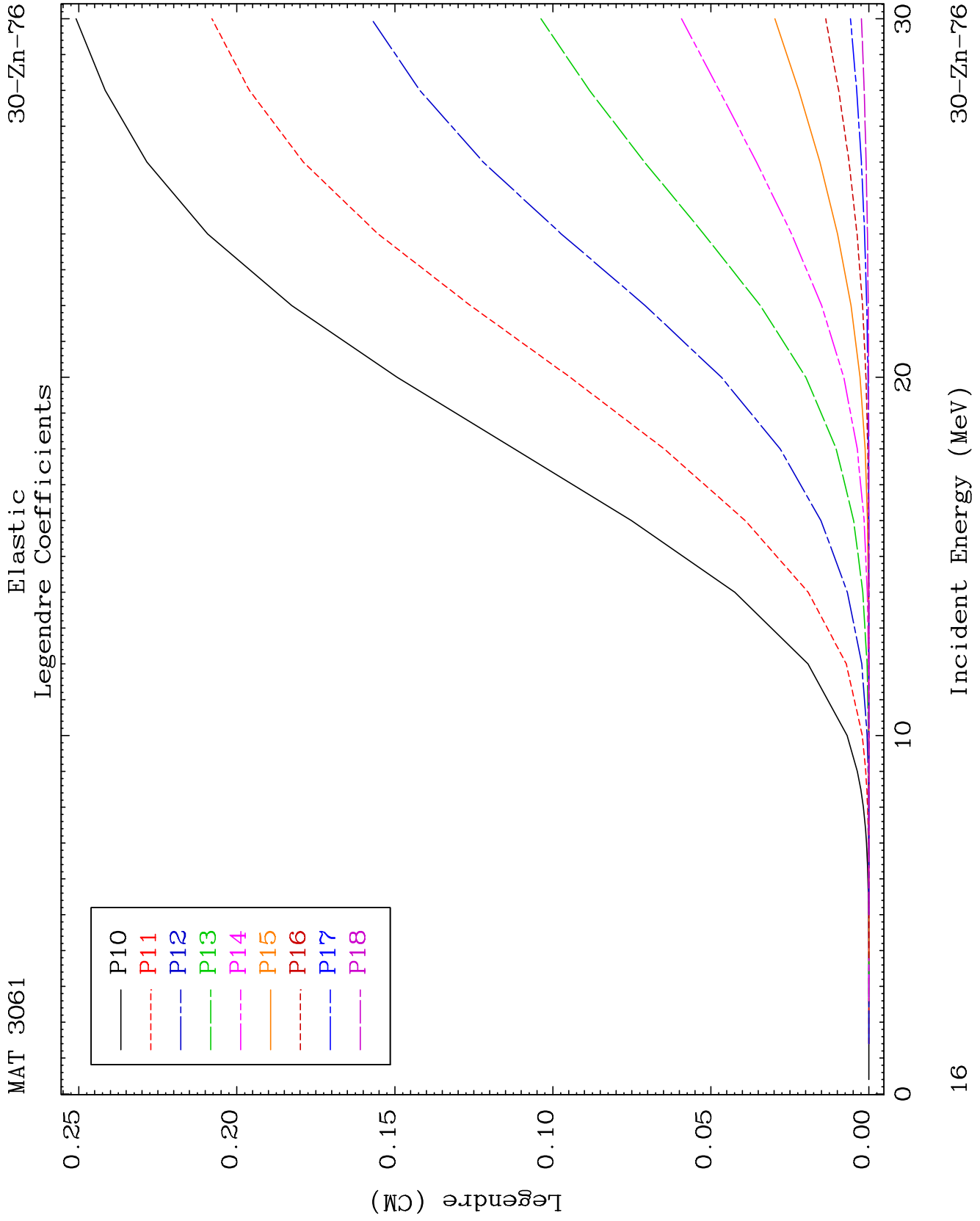
30-Zn-76



15

Incident Energy (MeV)

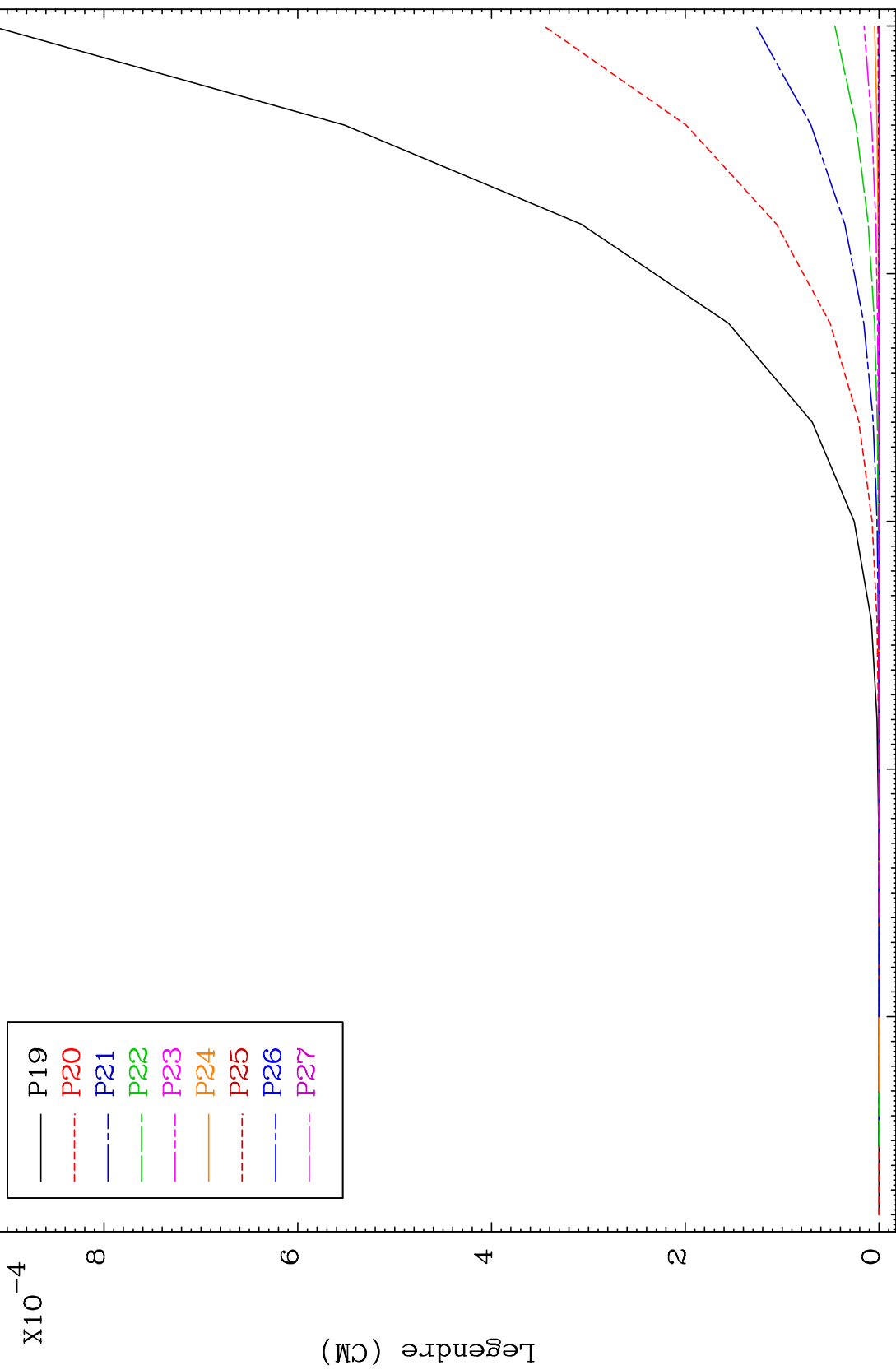
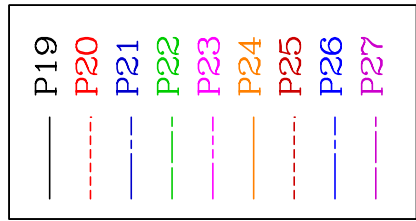
30-Zn-76



MAT 3061

Elastic Legendre Coefficients

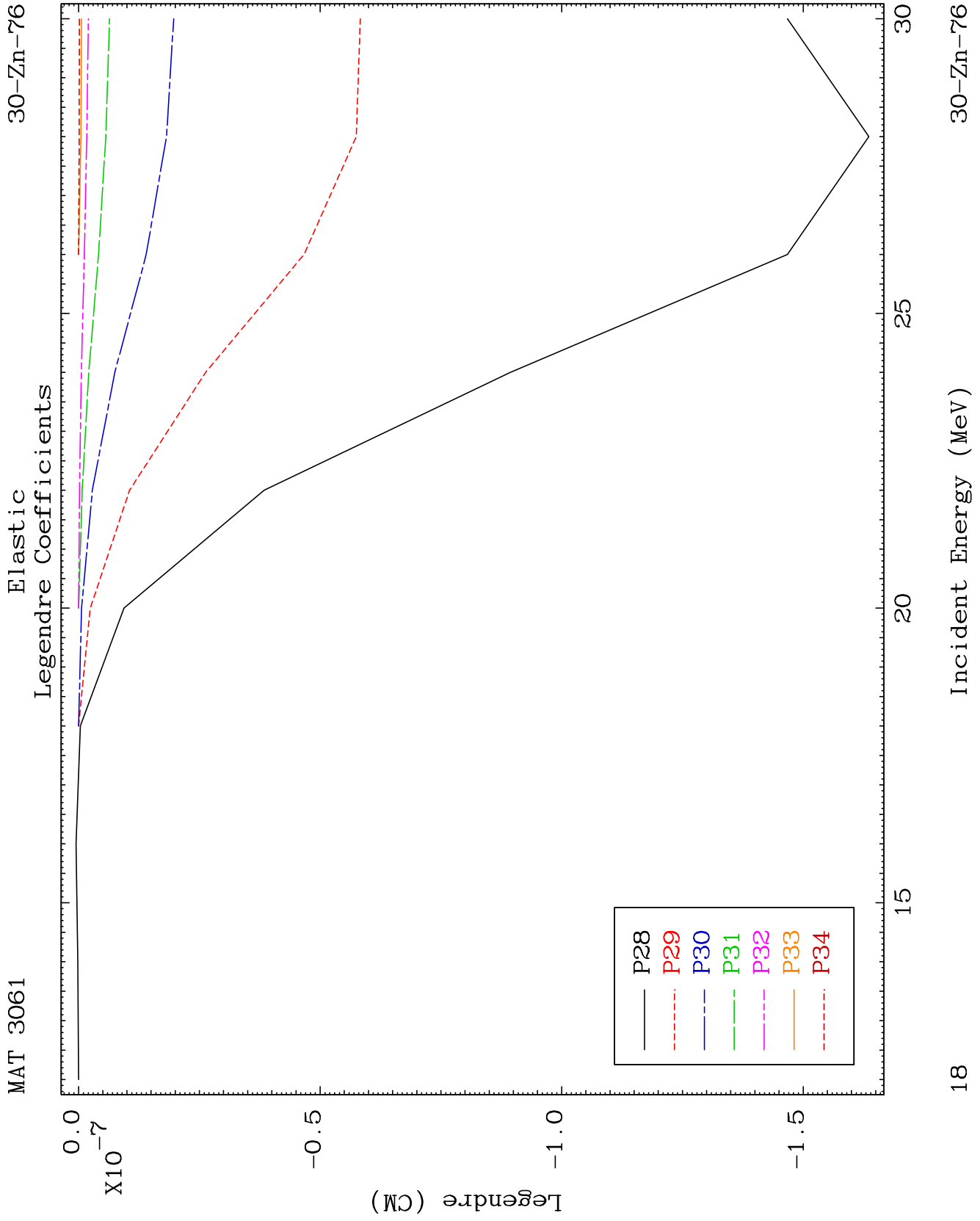
30-Zn-76



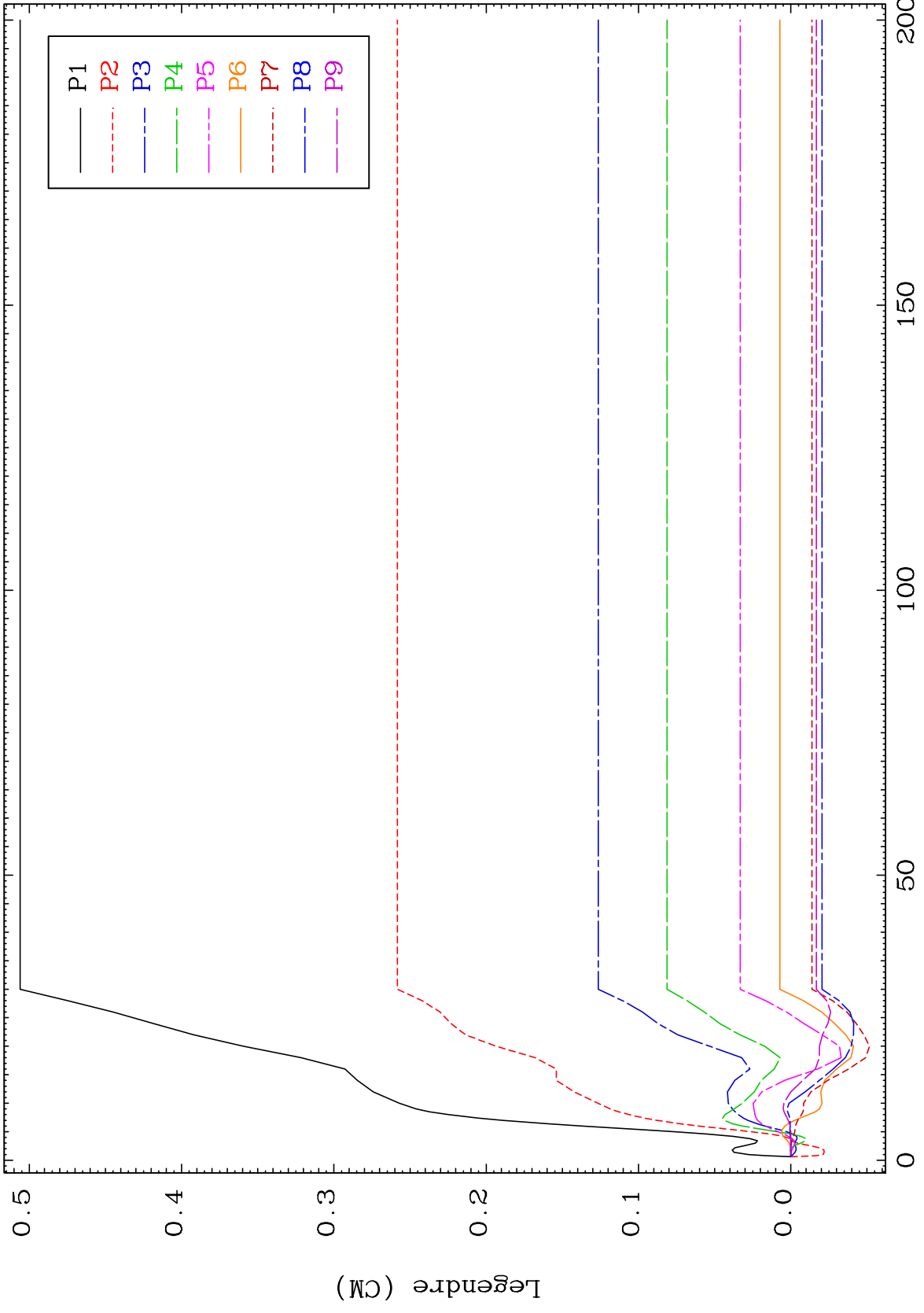
17

Incident Energy (MeV)

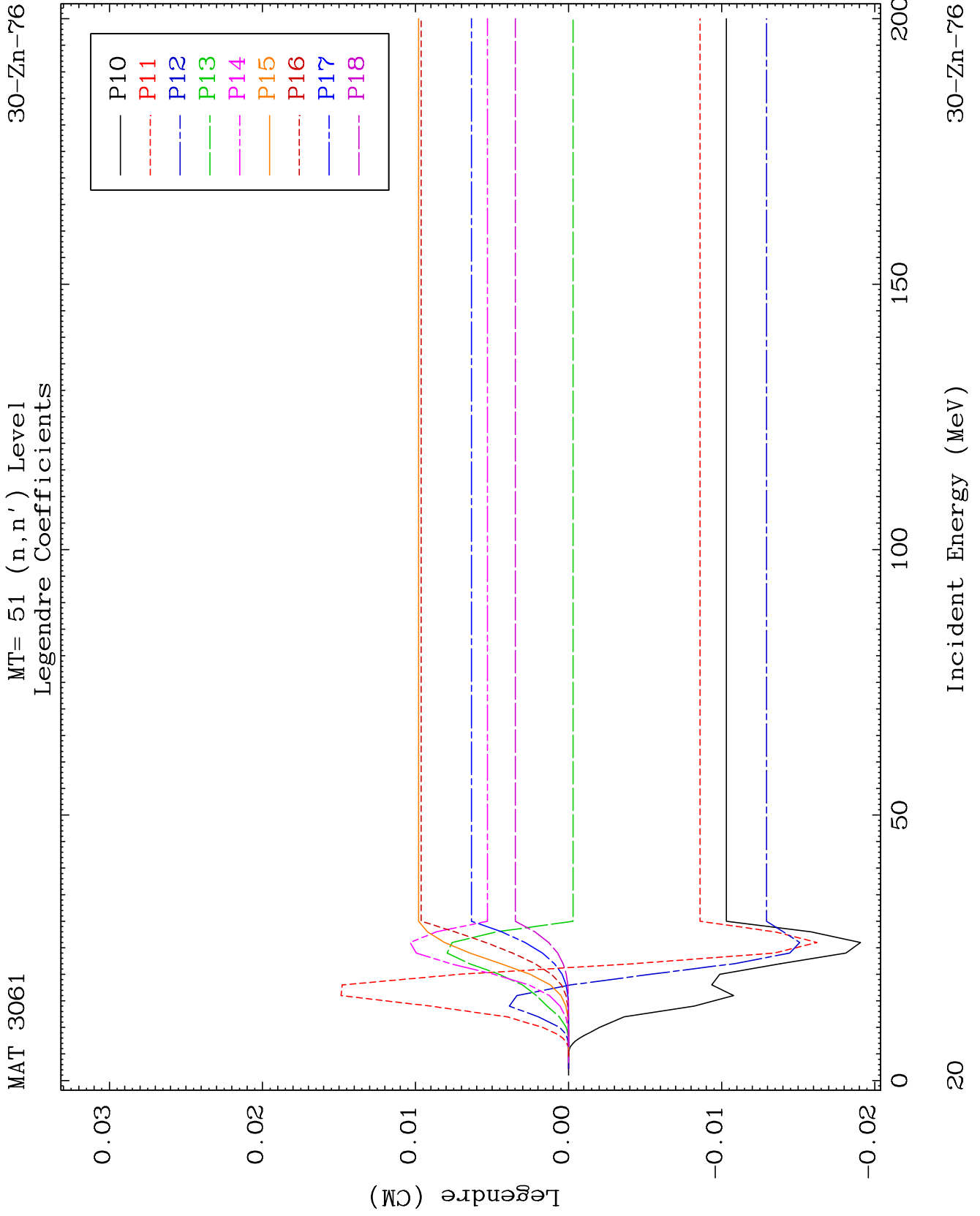
30-Zn-76

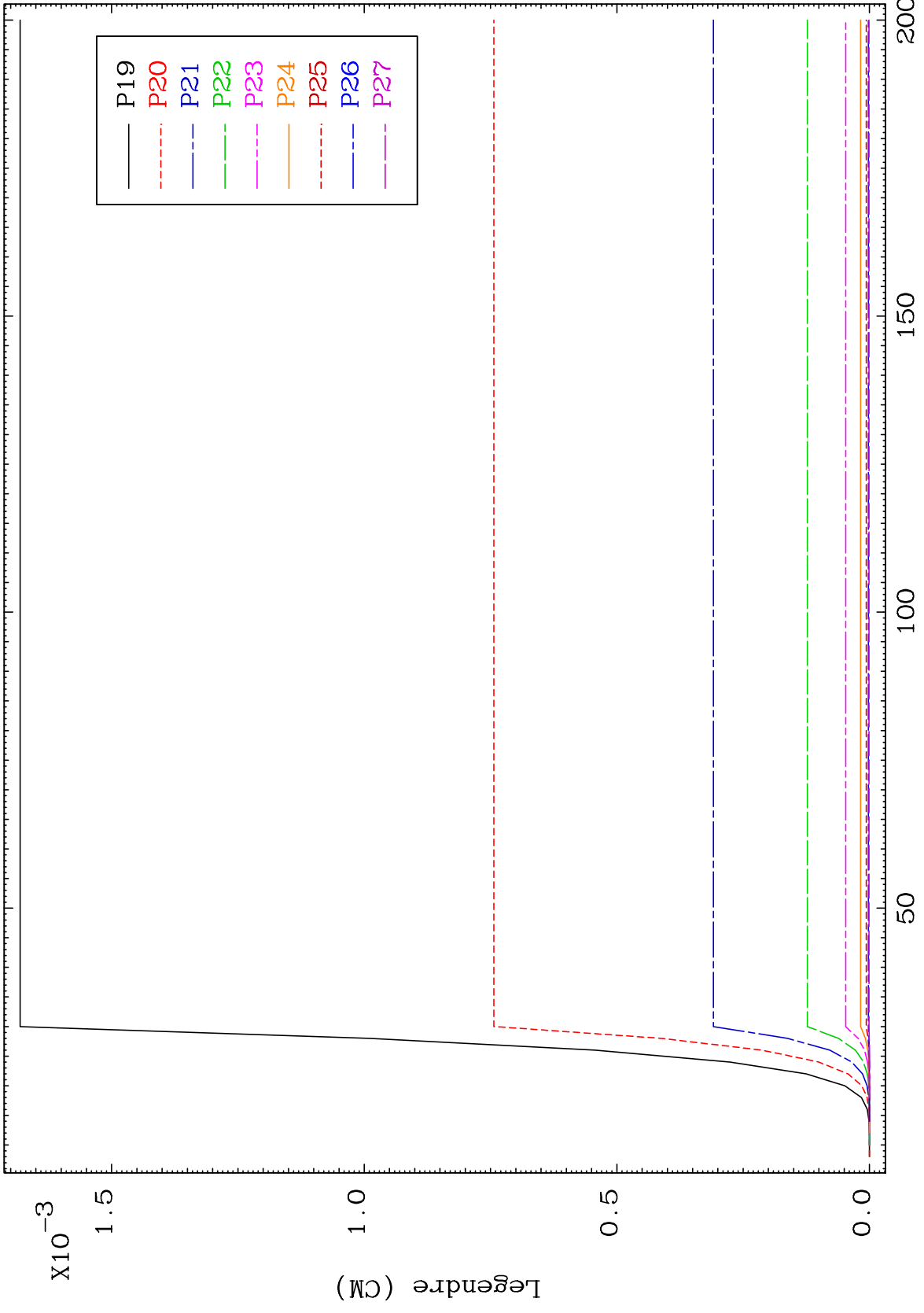


MAT 3061 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-76

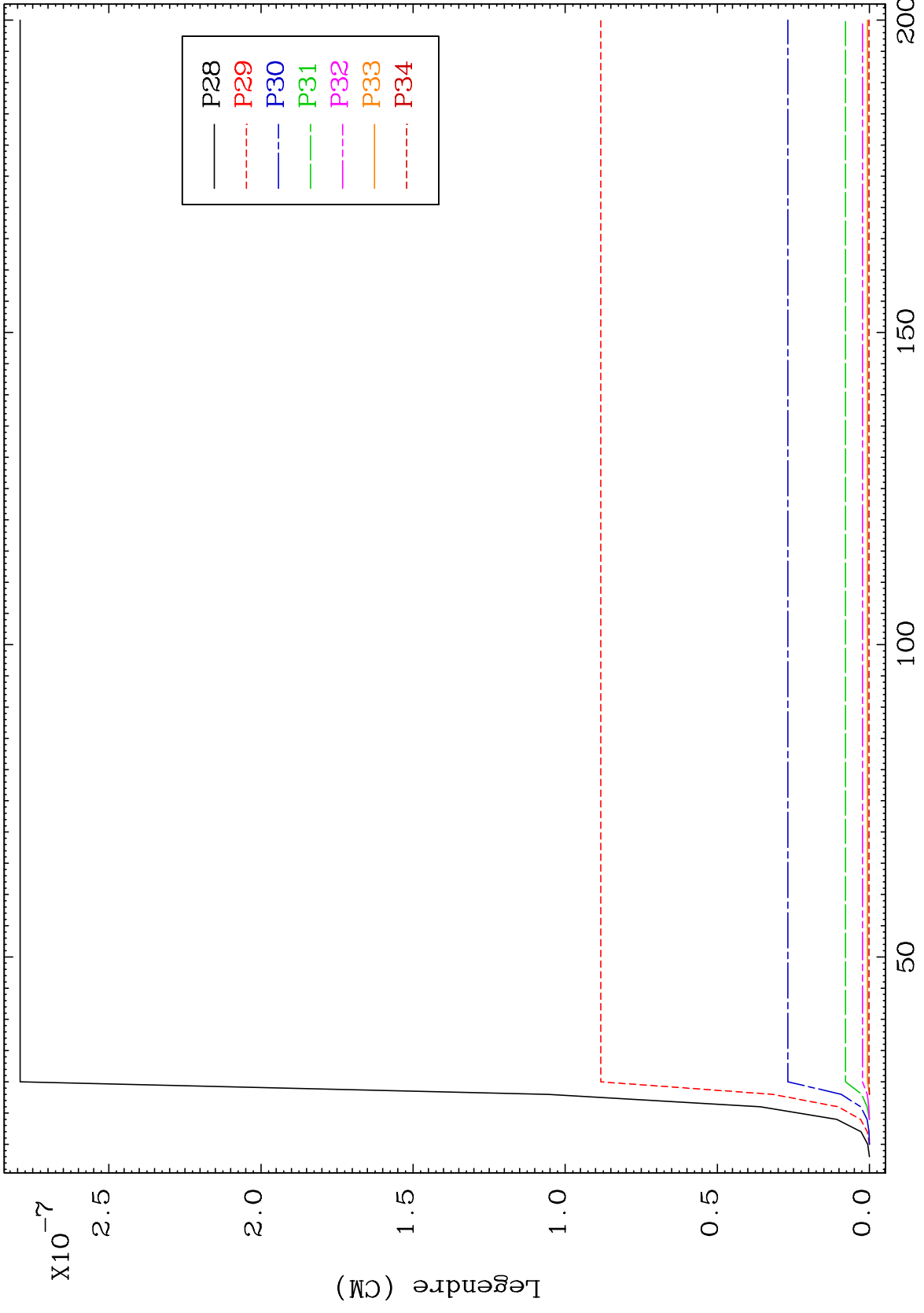


19 30-Zn-76



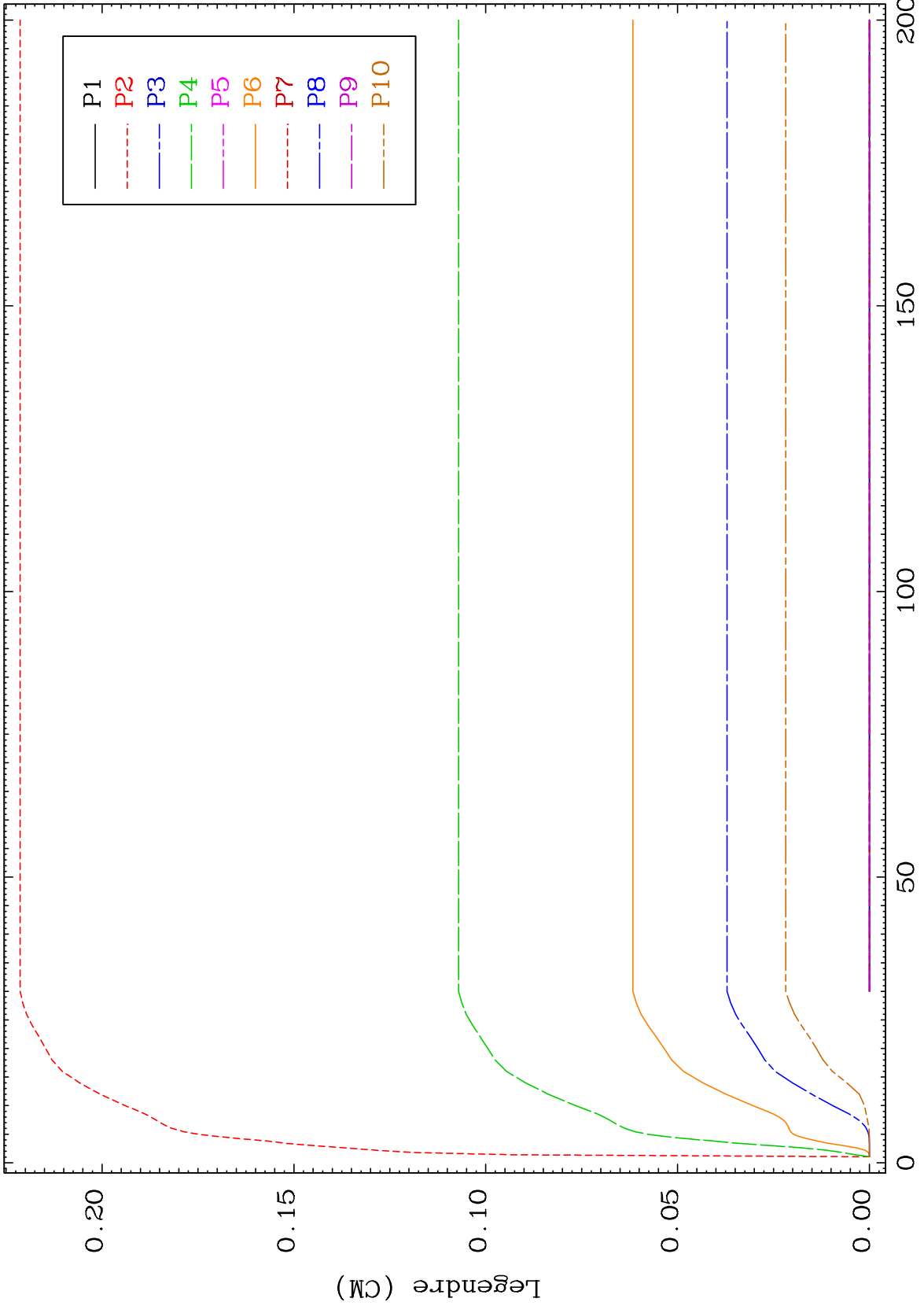


MAT 3061 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-76



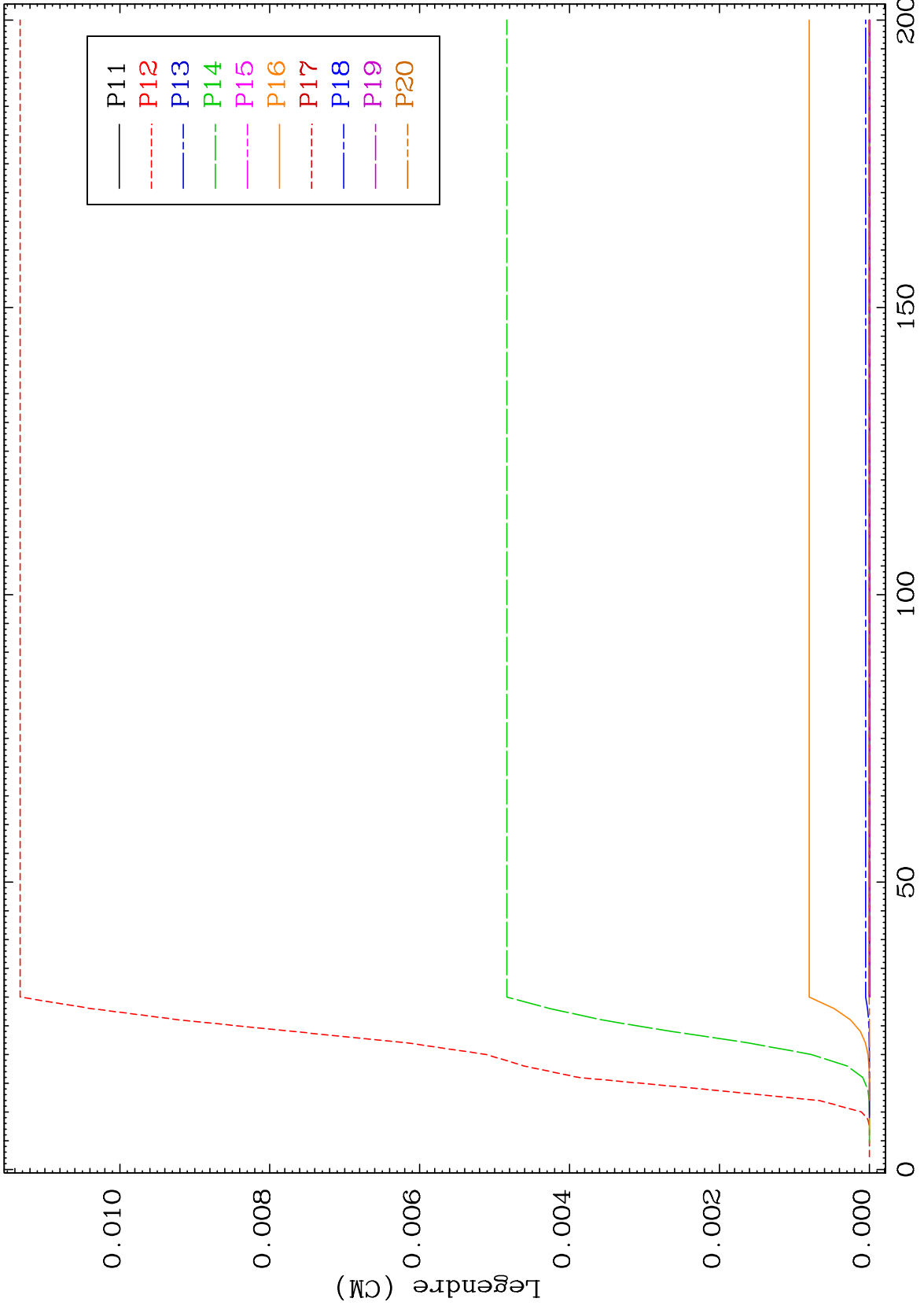
22 Incident Energy (MeV) 30-Zn-76

MAT 3061 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-76



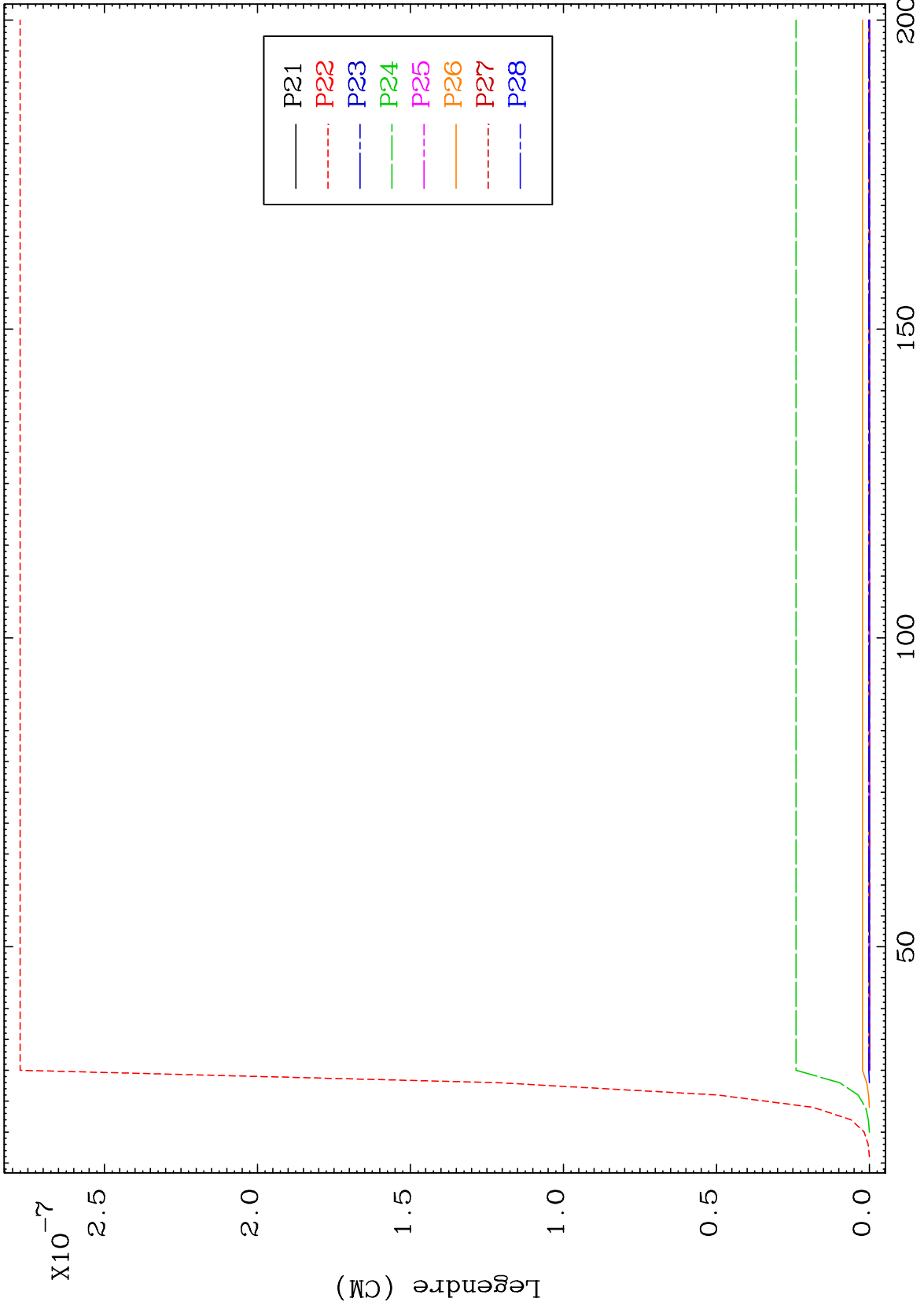
23 30-Zn-76

MAT 3061 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-76



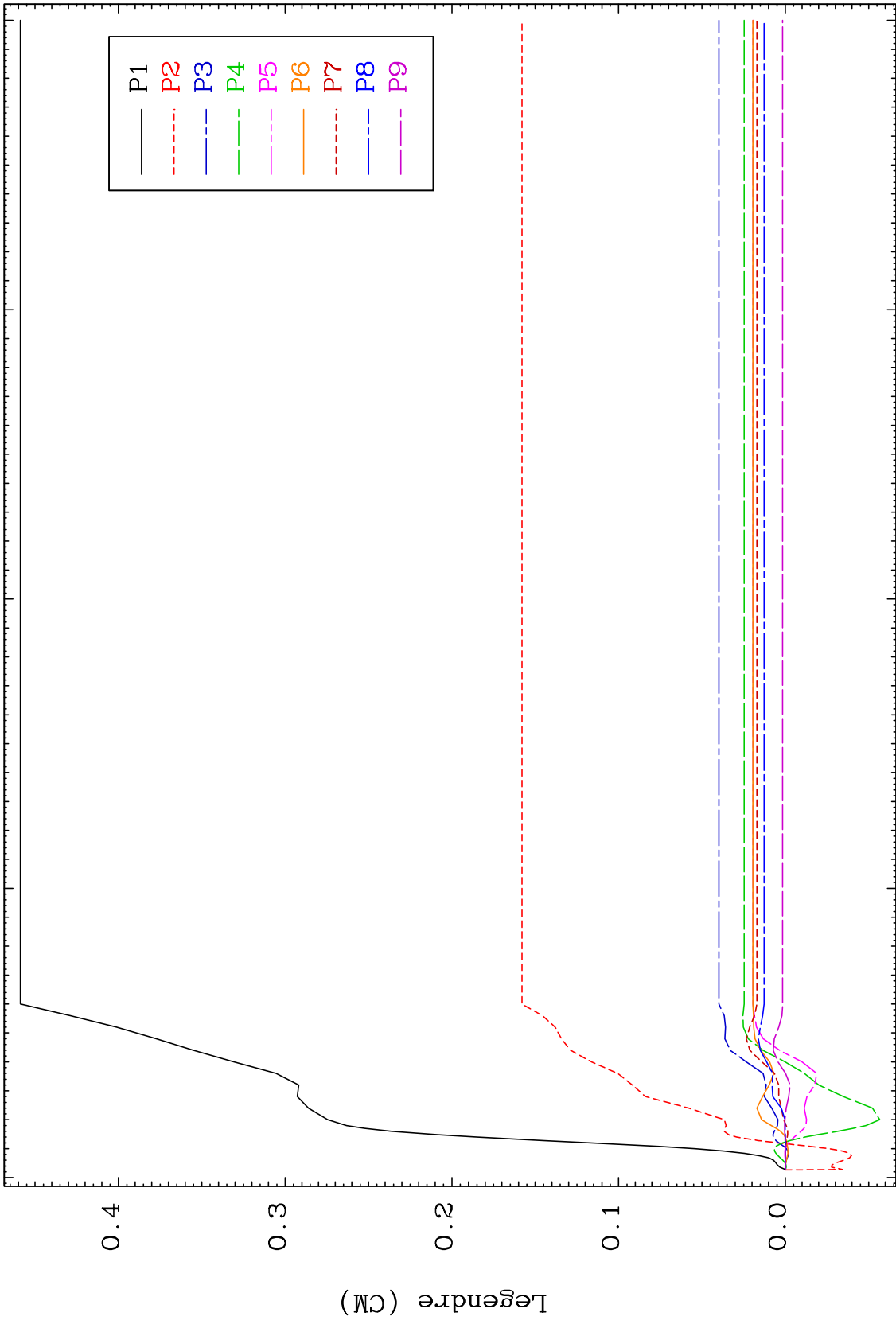
24 30-Zn-76

MAT 3061 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-76



25 50 100 150 200 30-Zn-76

MAT 3061 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-76

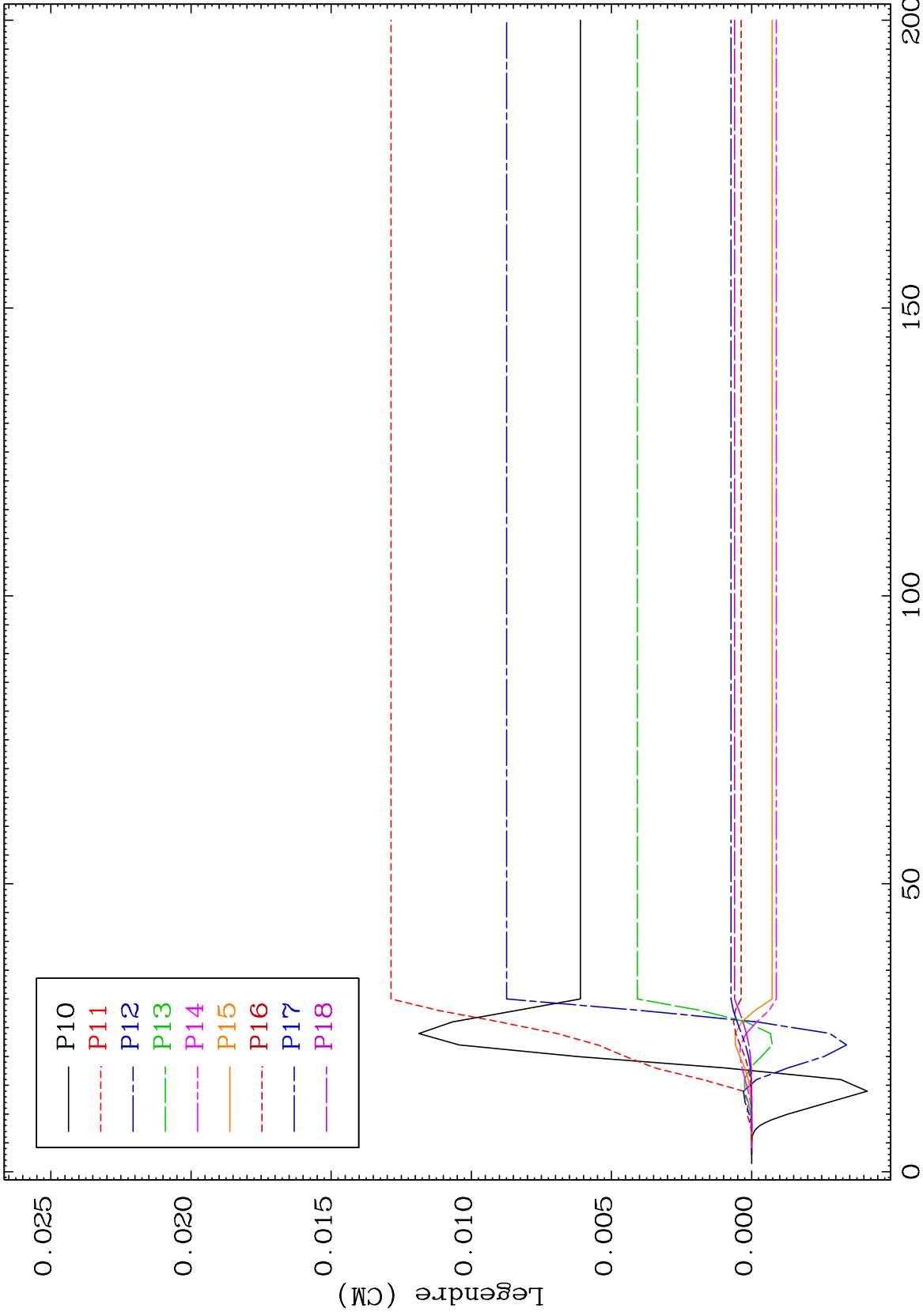


Legendre (CM) Incident Energy (MeV) 30-Zn-76

MAT 3061

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

30-Zn-76



27

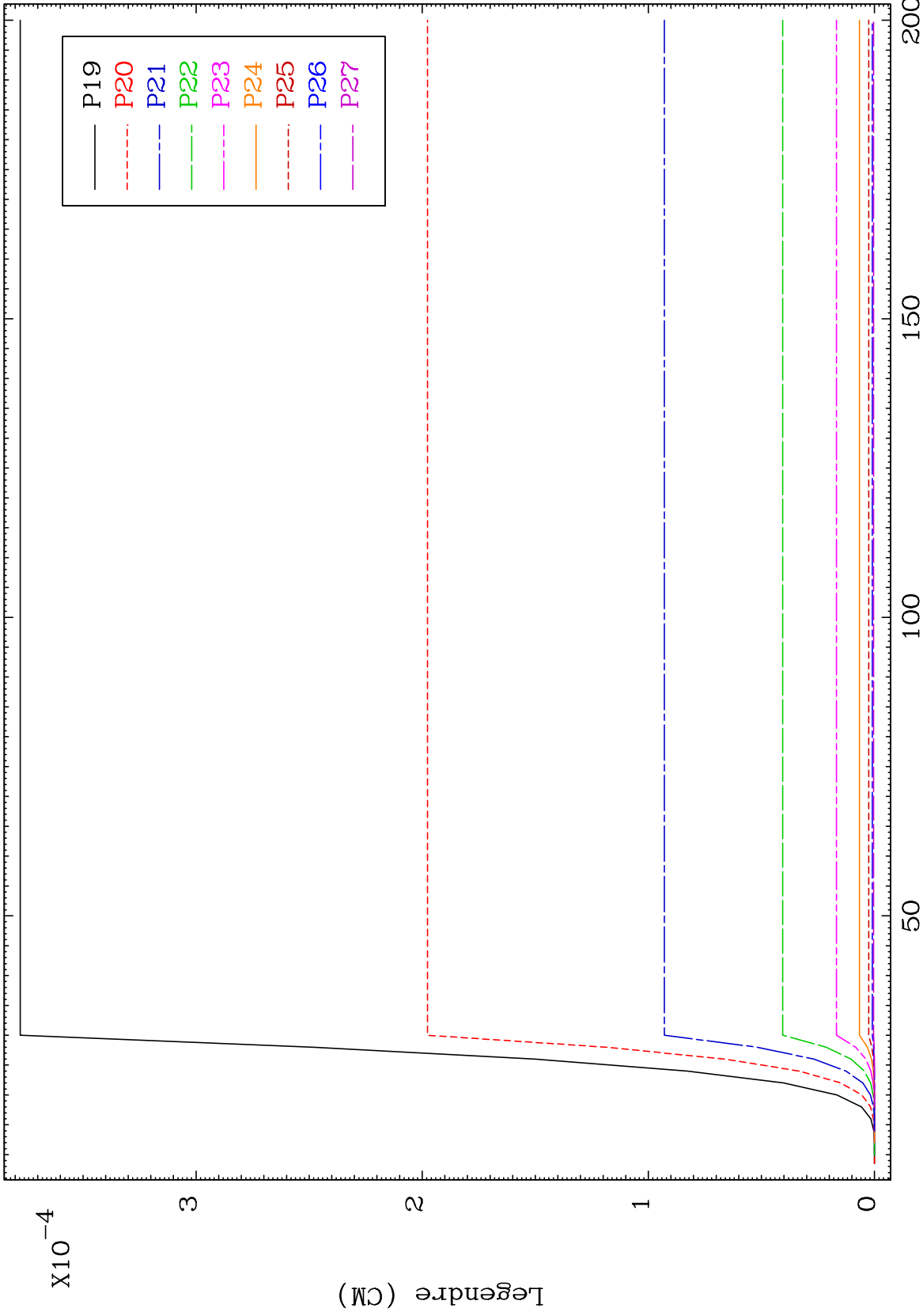
Incident Energy (MeV)

30-Zn-76

MAT 3061

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

30-Zn-76



28

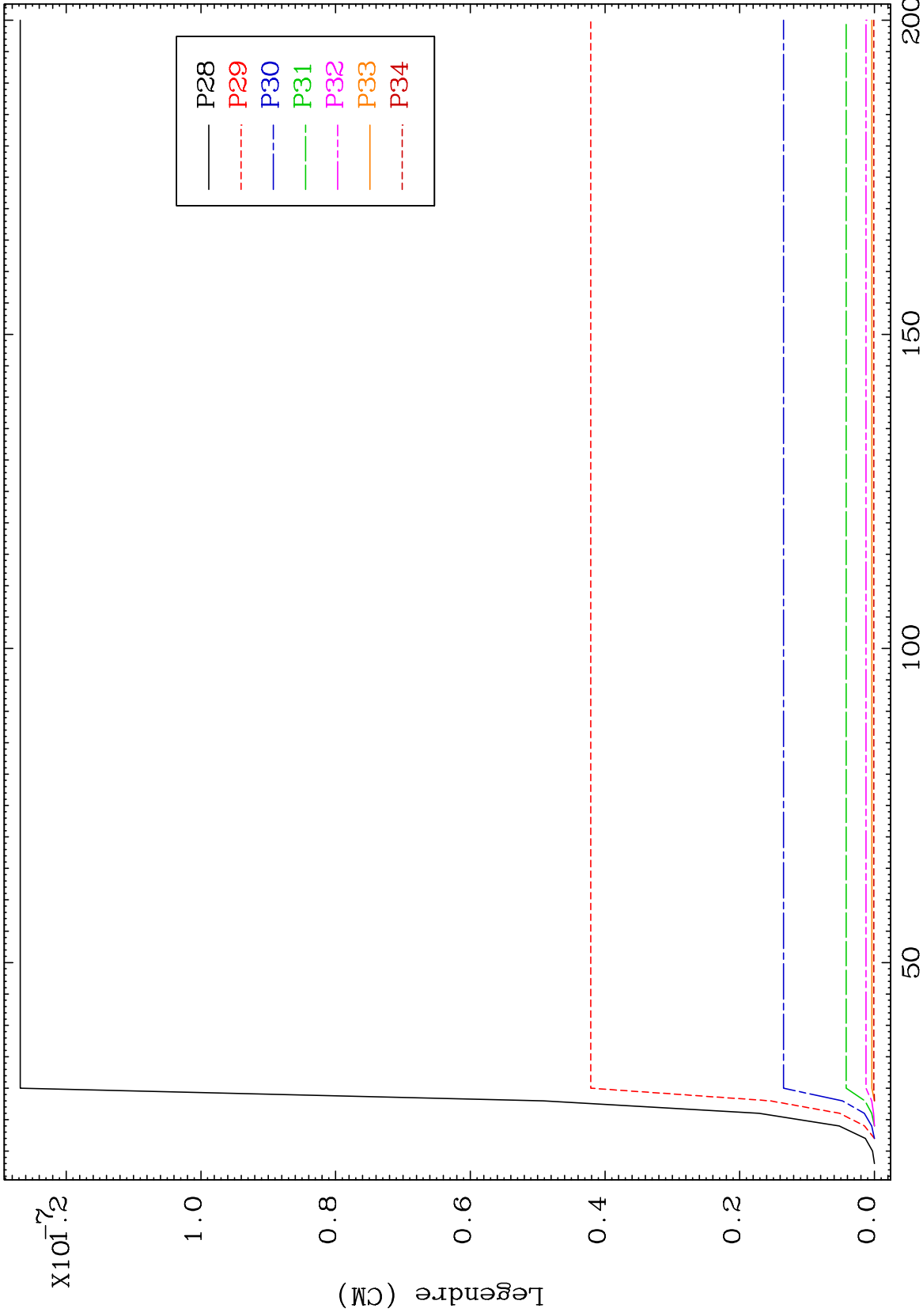
Incident Energy (MeV)

30-Zn-76

MAT 3061

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

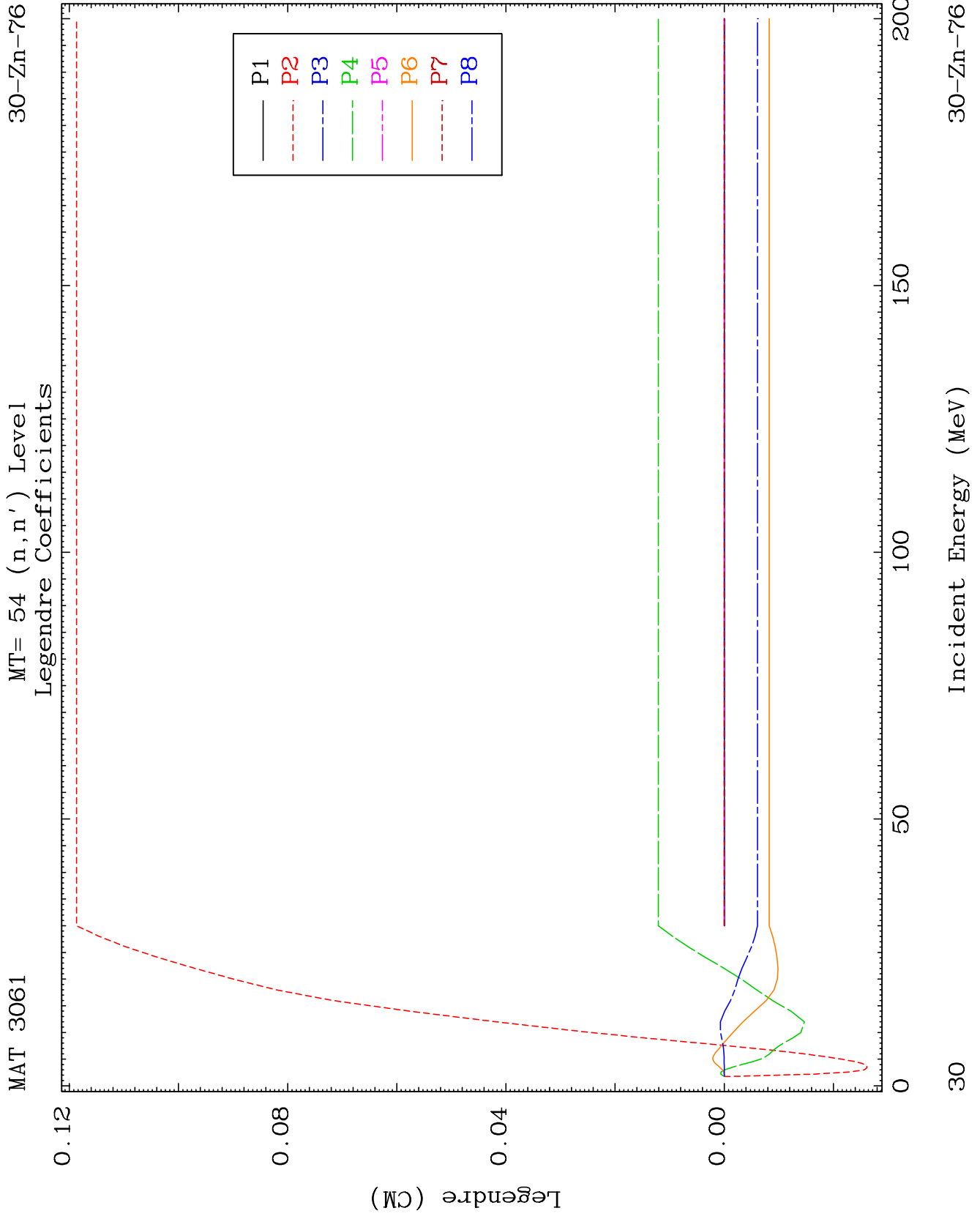
30-Zn-76



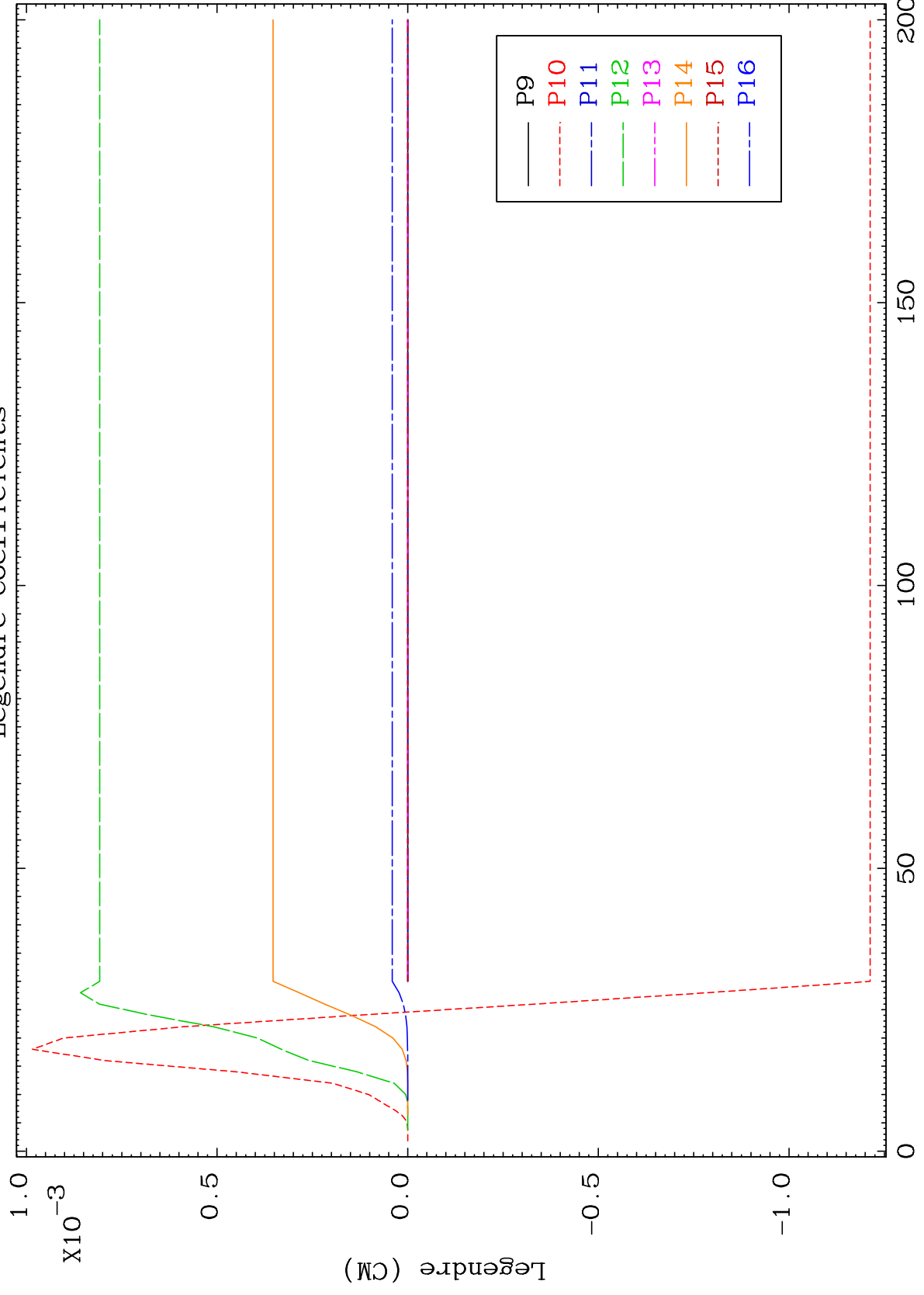
29

Incident Energy (MeV)

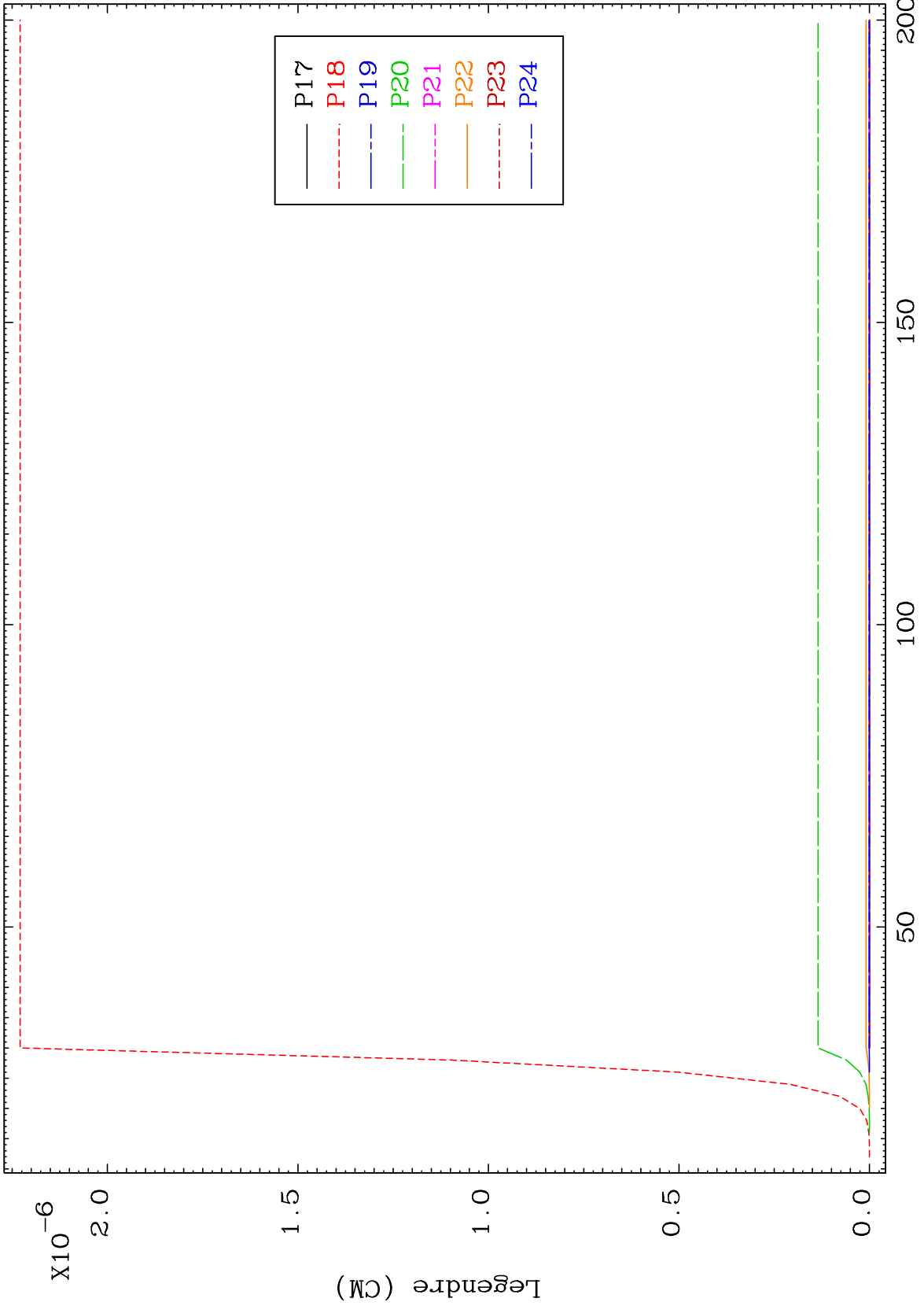
30-Zn-76



MAT 3061 MT= 54 (n,n') Level Legendre Coefficients 30-Zn-76

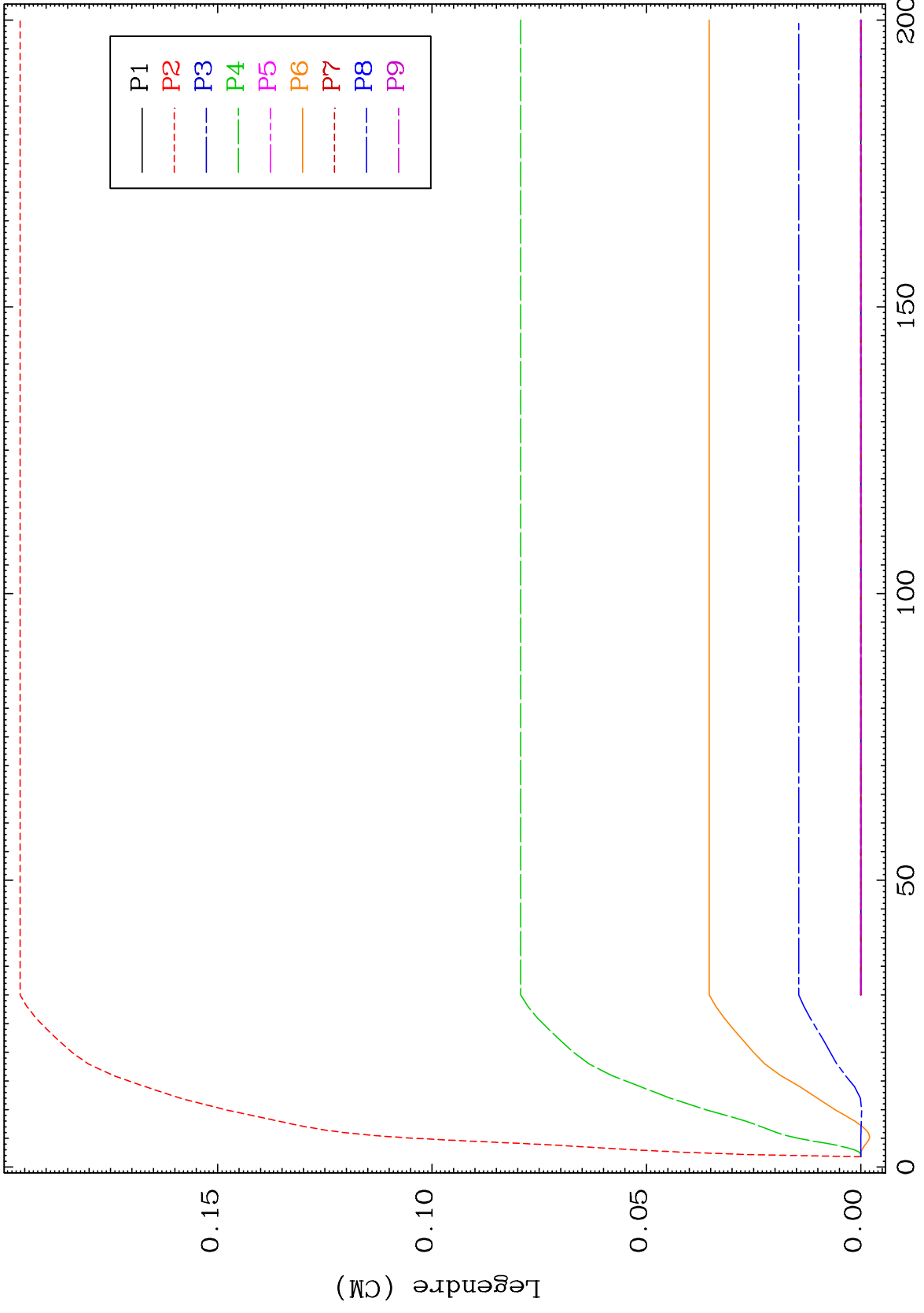


MAT 3061 MT= 54 (n,n') Level Legendre Coefficients 30-Zn-76



32 50 100 150 200 30-Zn-76

MAT 3061 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-76

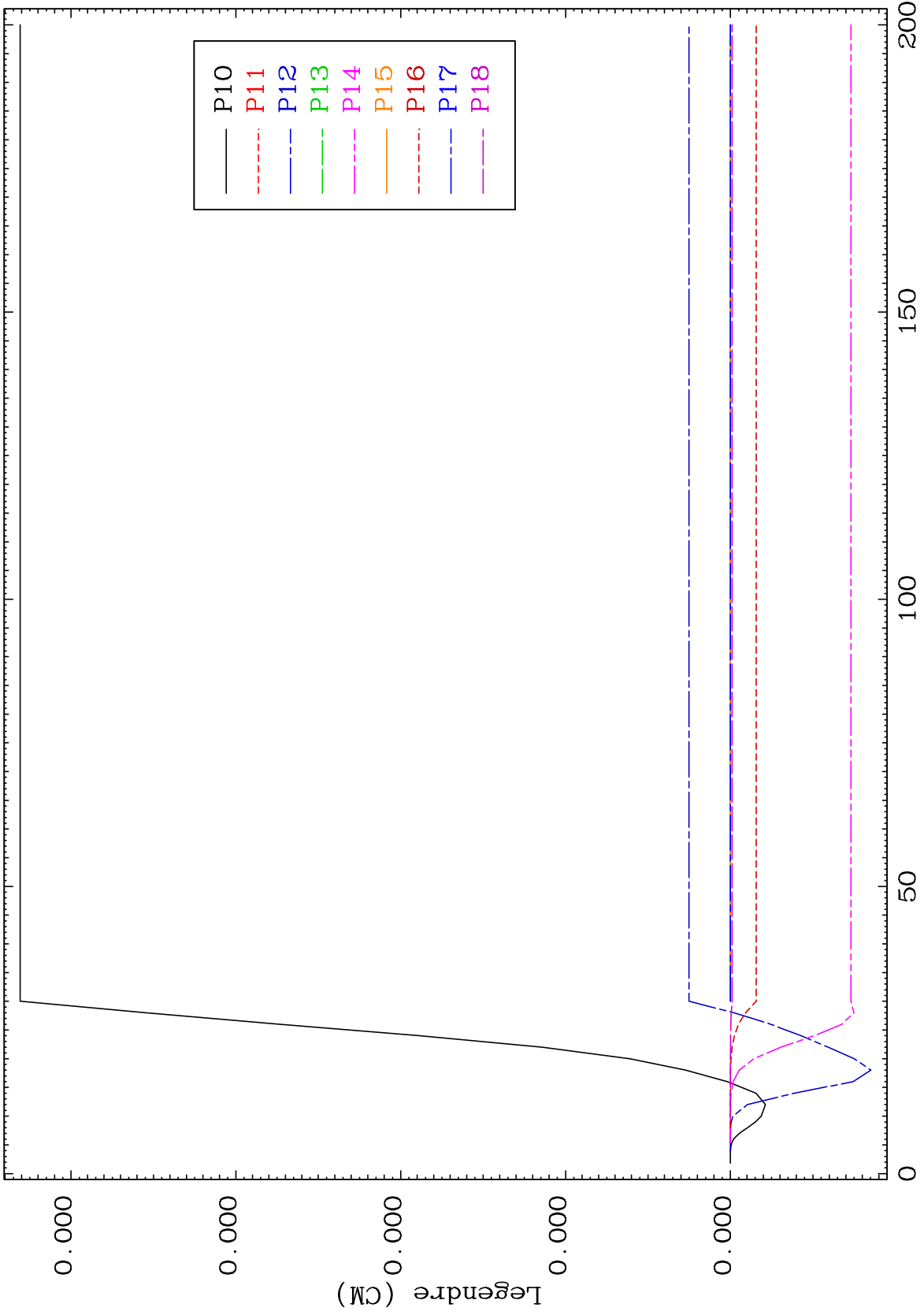


33 30-Zn-76

MAT 3061

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

30-Zn-76

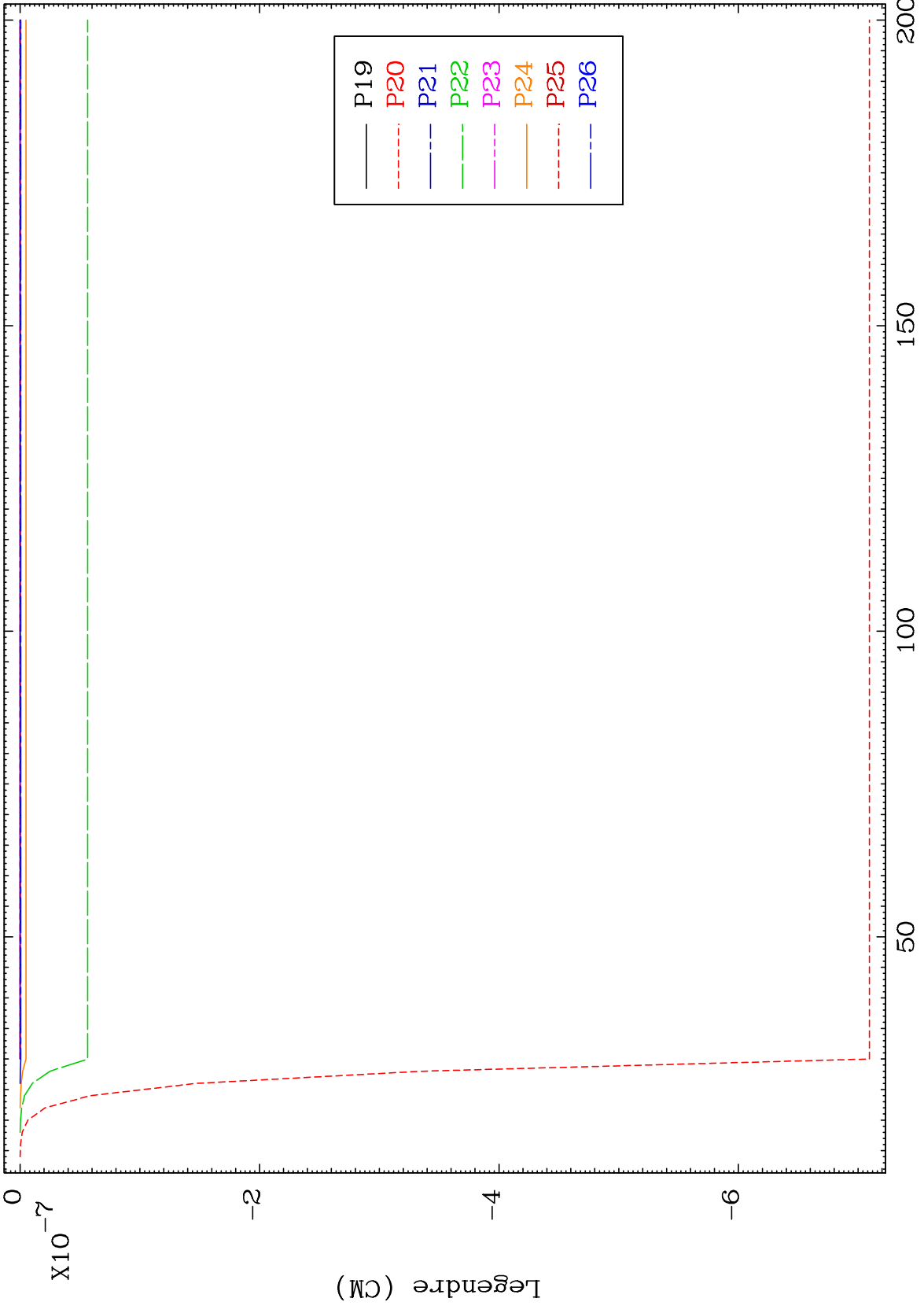


34

Incident Energy (MeV)

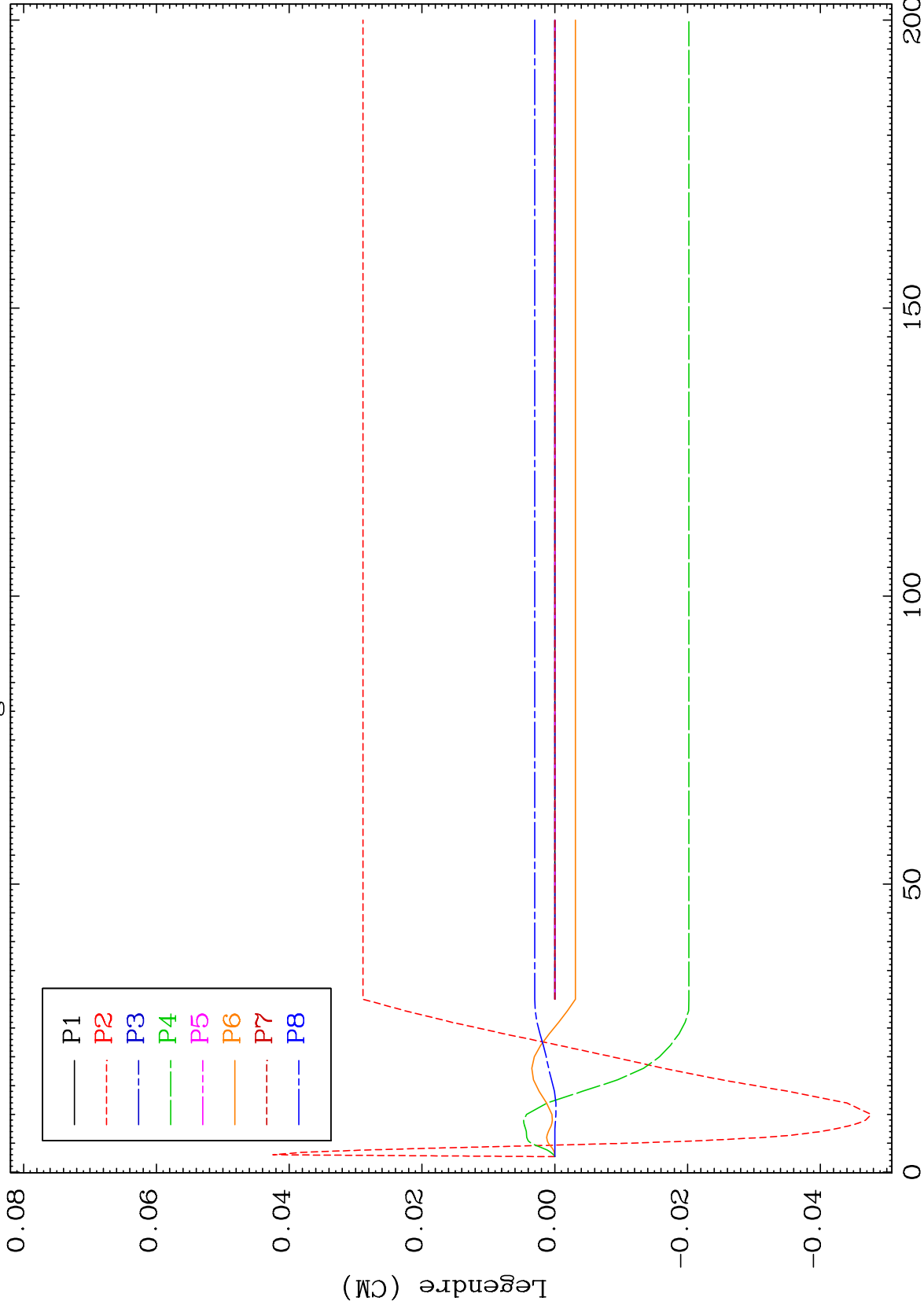
30-Zn-76

MAT 3061 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-76



35 Incident Energy (MeV) 30-Zn-76

MAT 3061 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-76



30-Zn-76

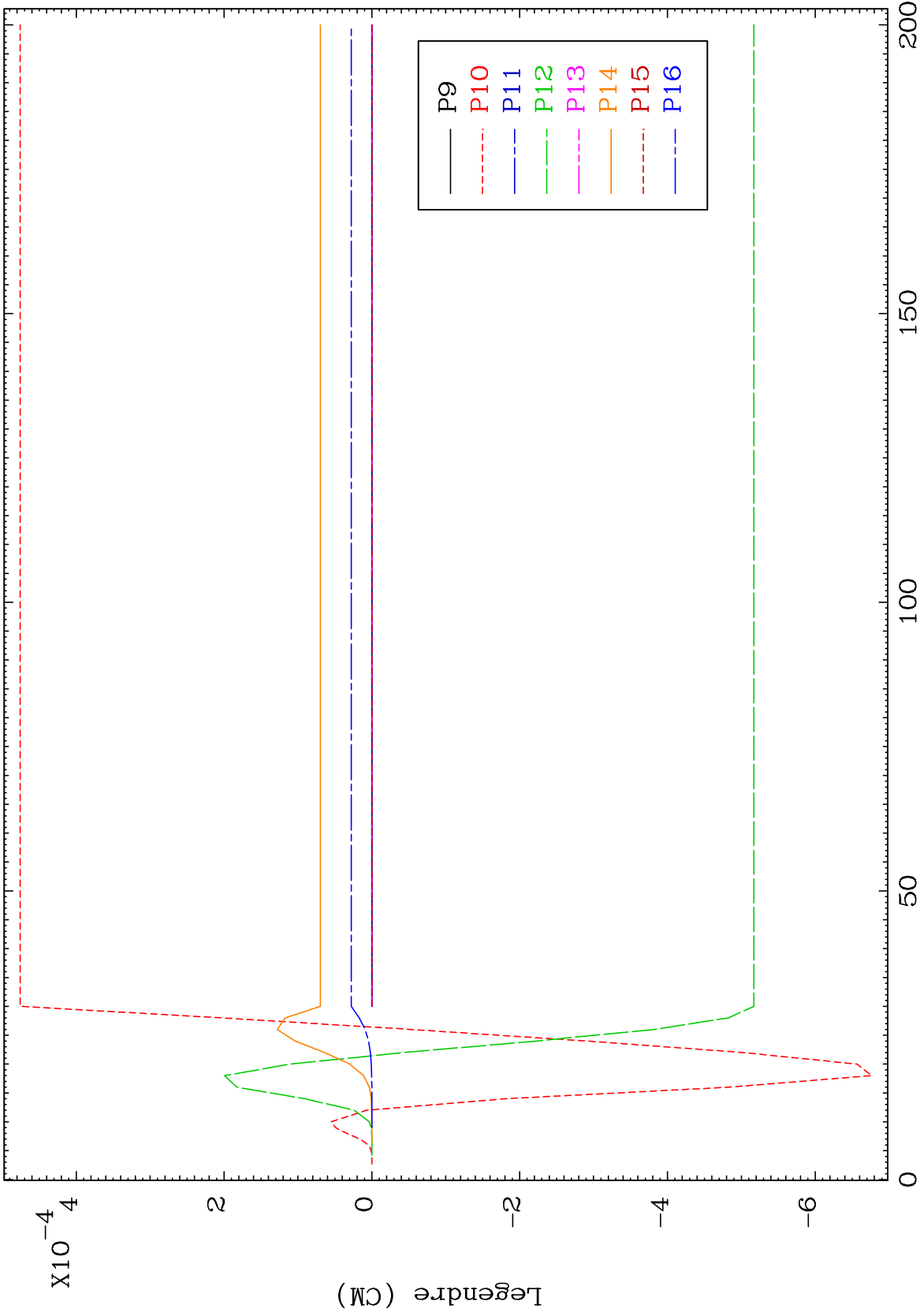
Incident Energy (MeV)

36

MAT 3061

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

30-Zn-76

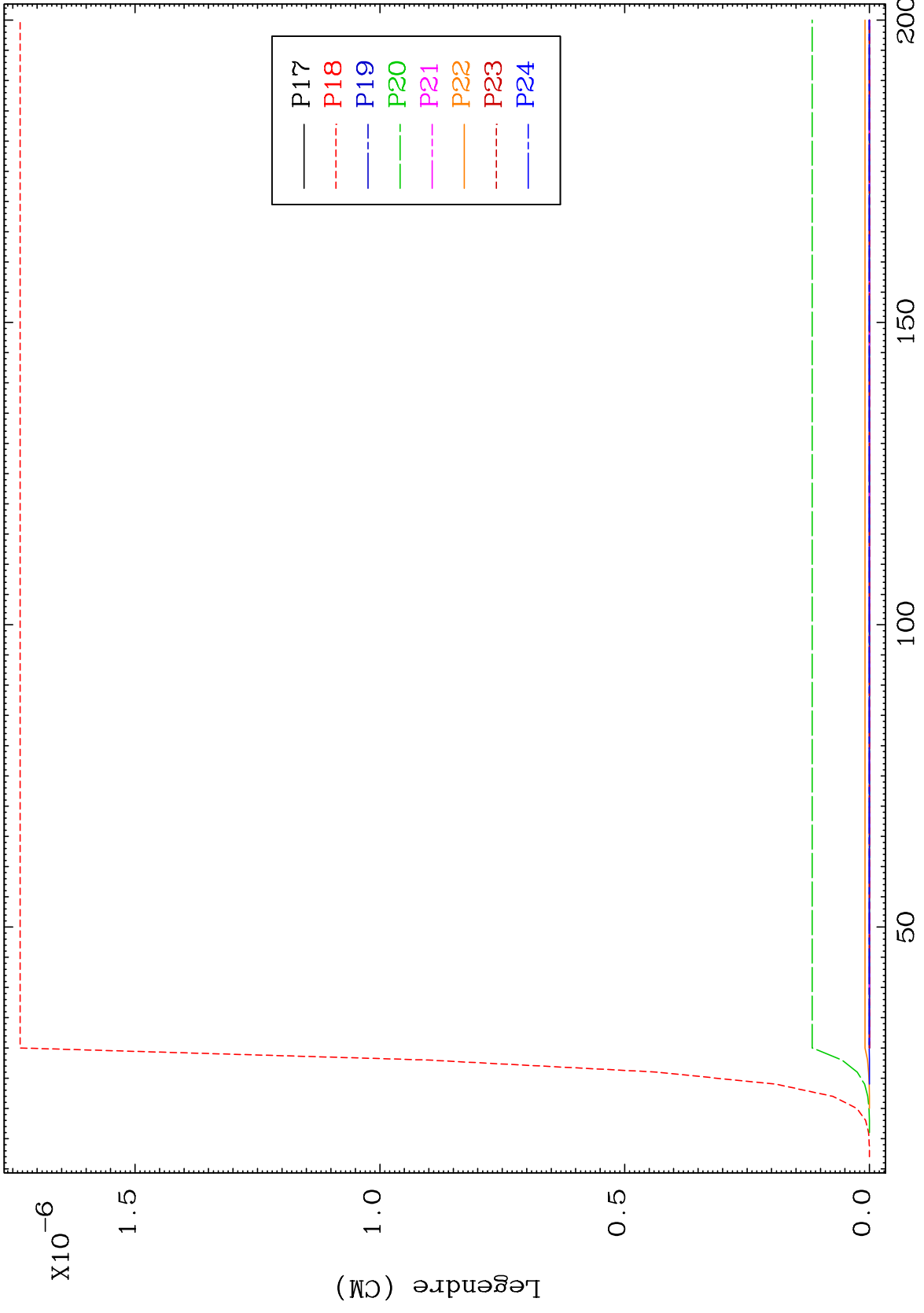


37

Incident Energy (MeV)

30-Zn-76

MAT 3061 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-76



38

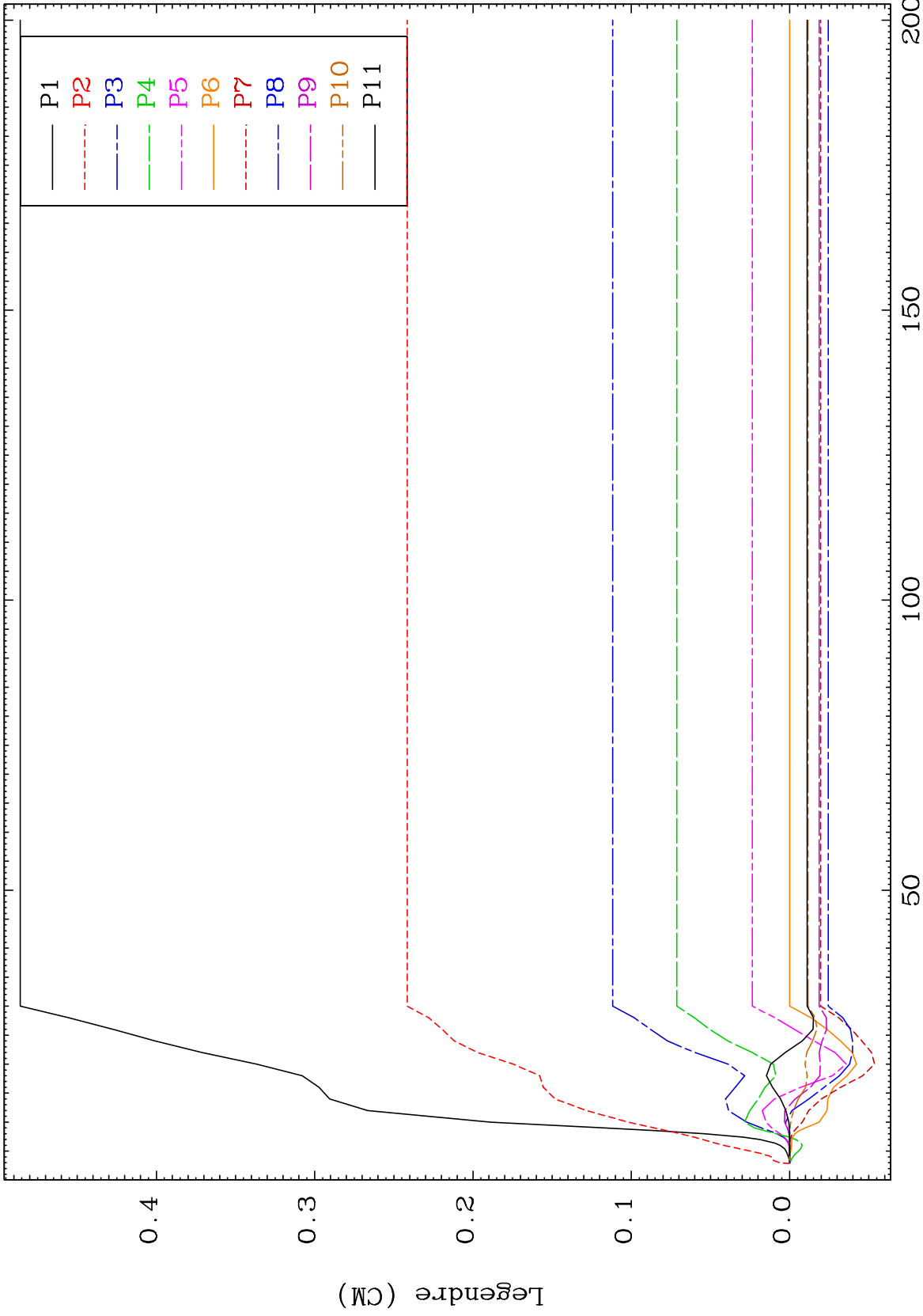
Incident Energy (MeV)

30-Zn-76

MAT 3061

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

30-Zn-76

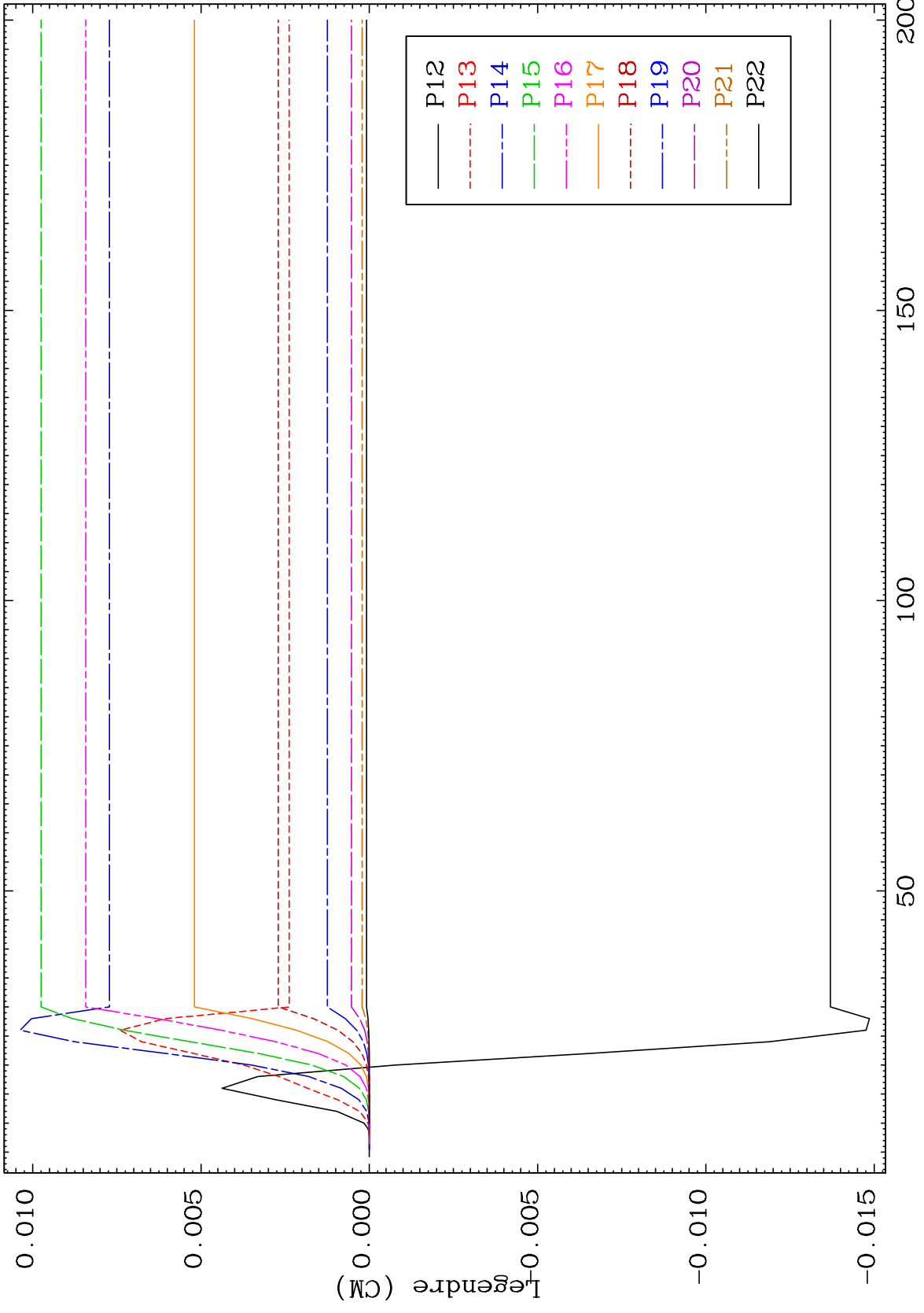


39

Incident Energy (MeV)

30-Zn-76

MAT 3061 MT= 57 (n,n') Level Legendre Coefficients 30-Zn-76

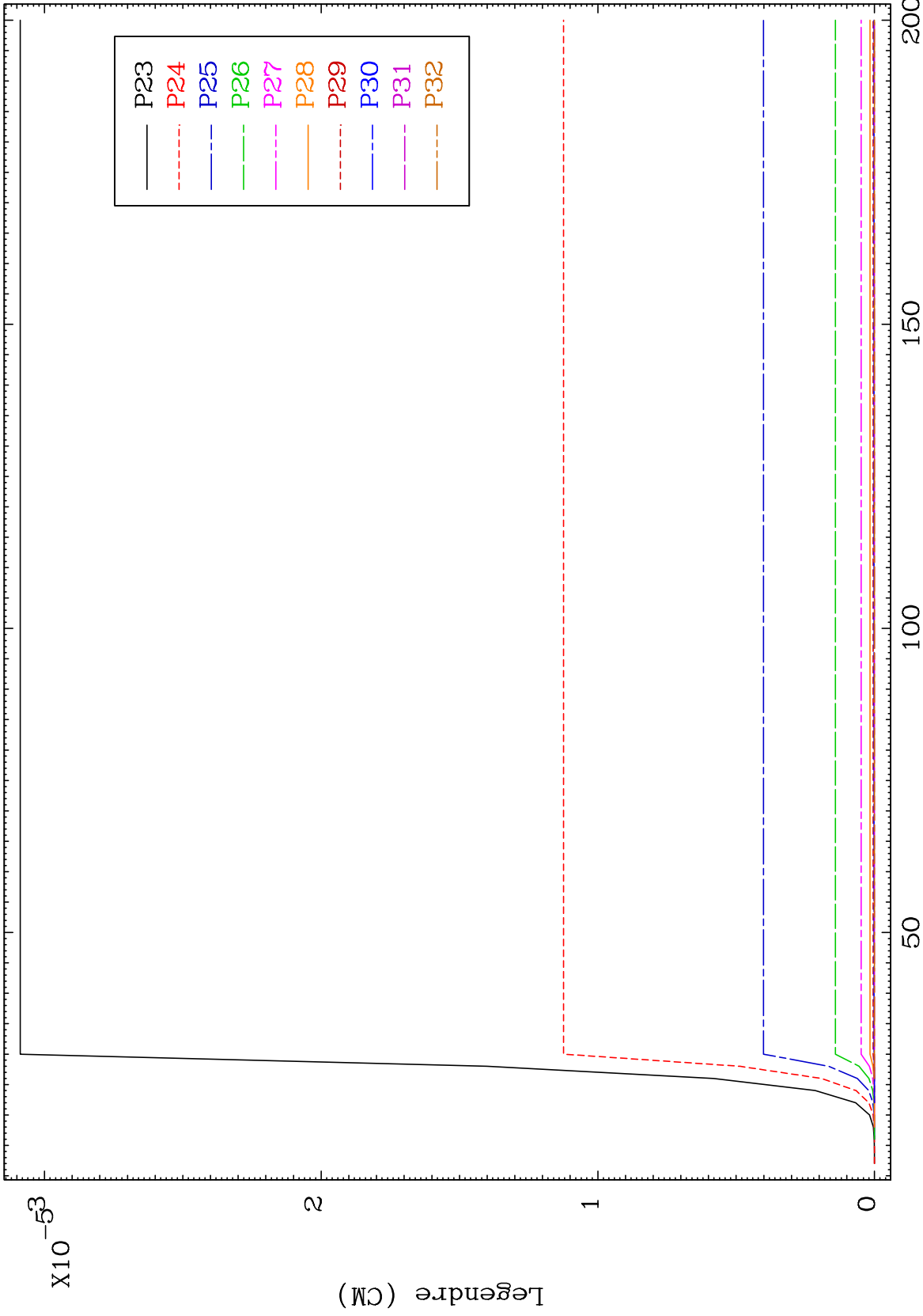


40 Incident Energy (MeV) 30-Zn-76

MAT 3061

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

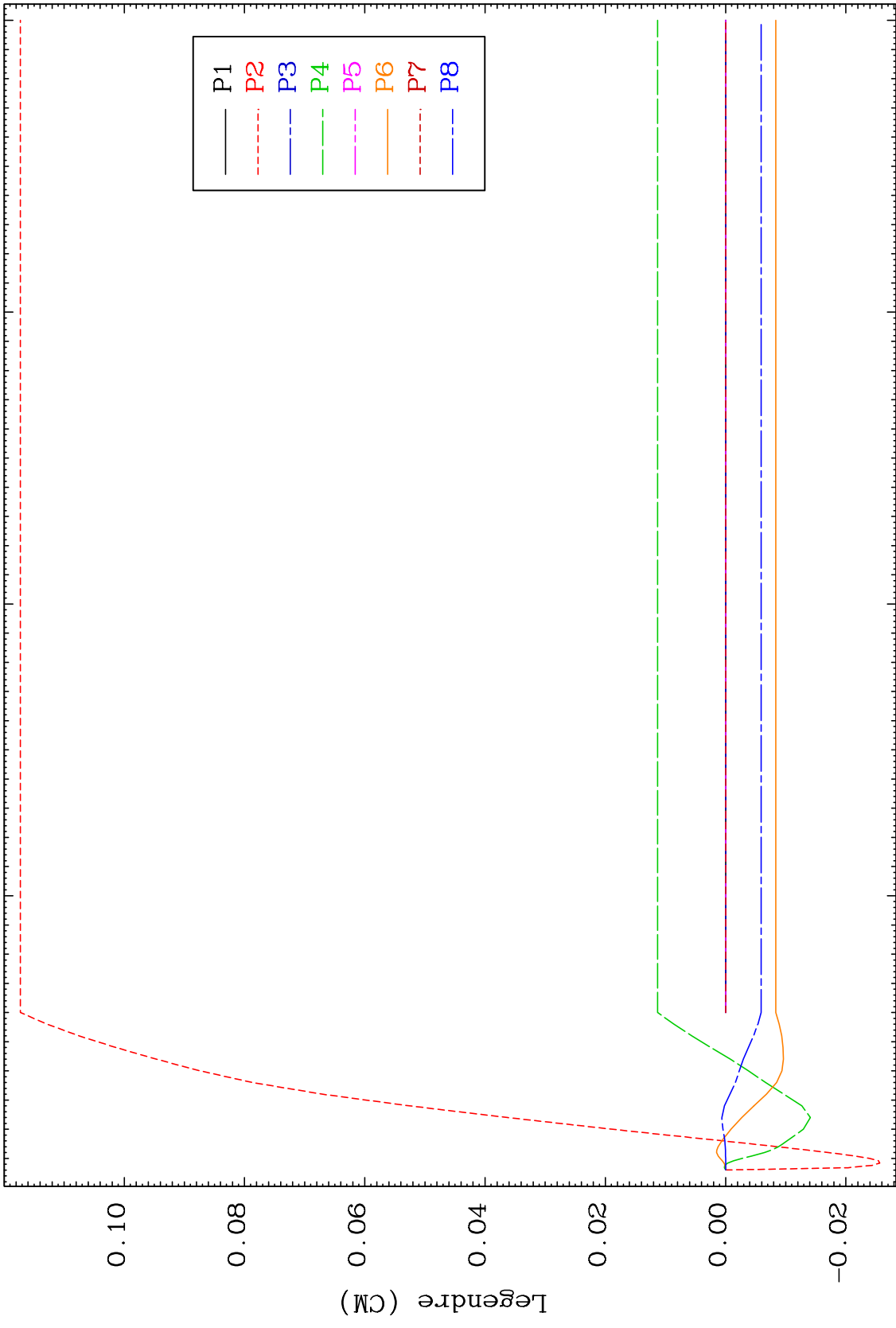
30-Zn-76



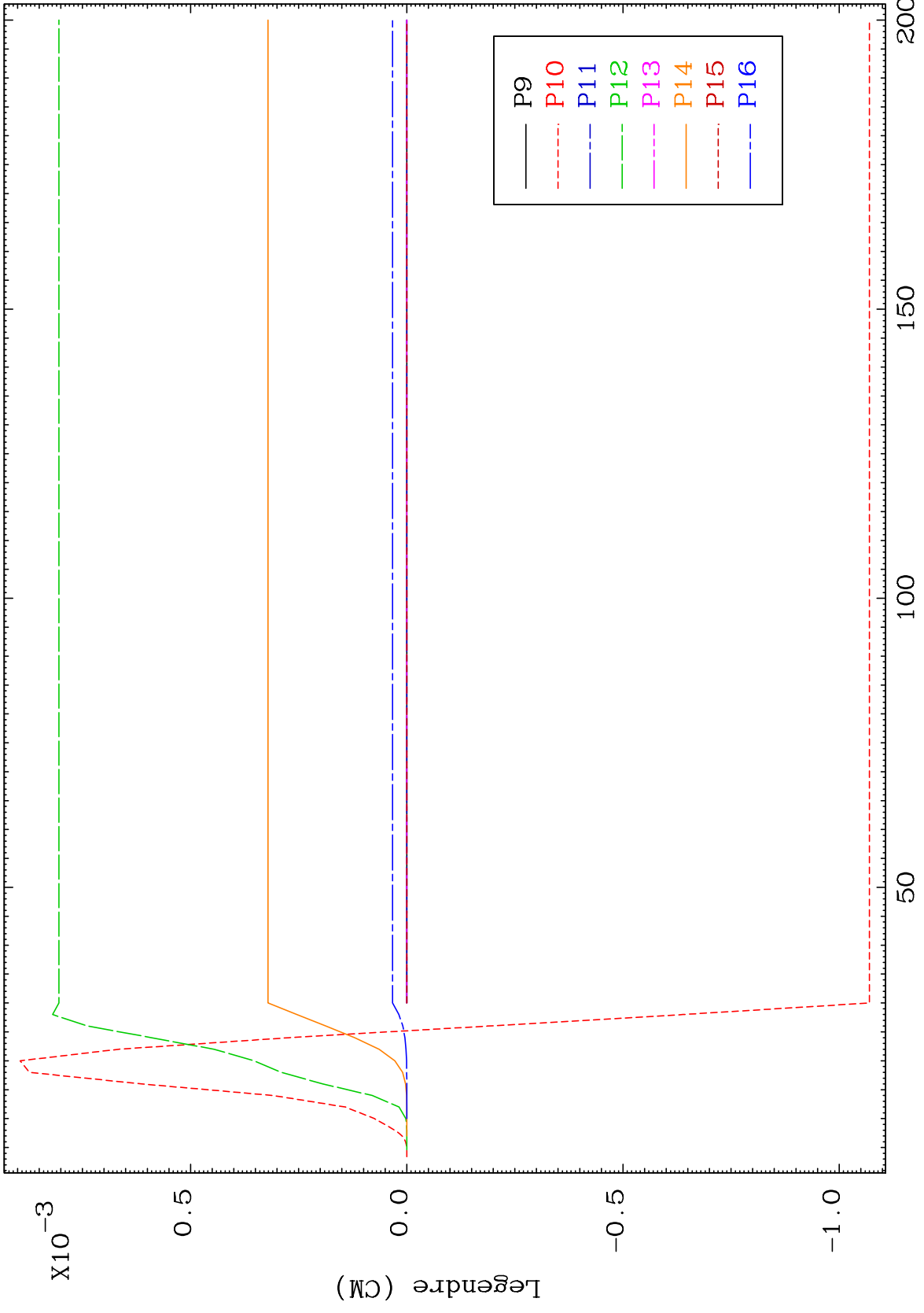
41

30-Zn-76

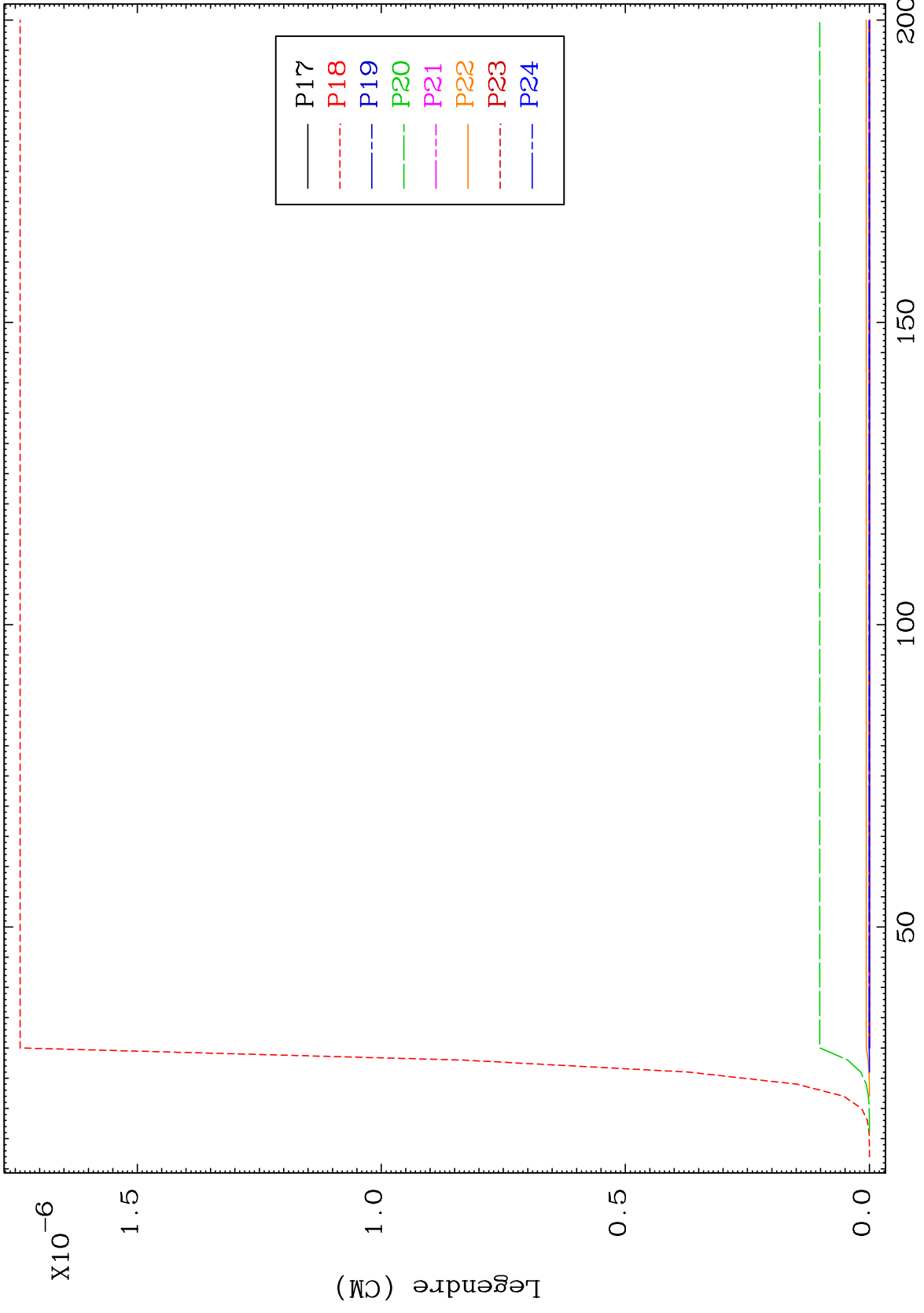
MAT 3061 MT= 58 (n,n') Level Legendre Coefficients 30-Zn-76



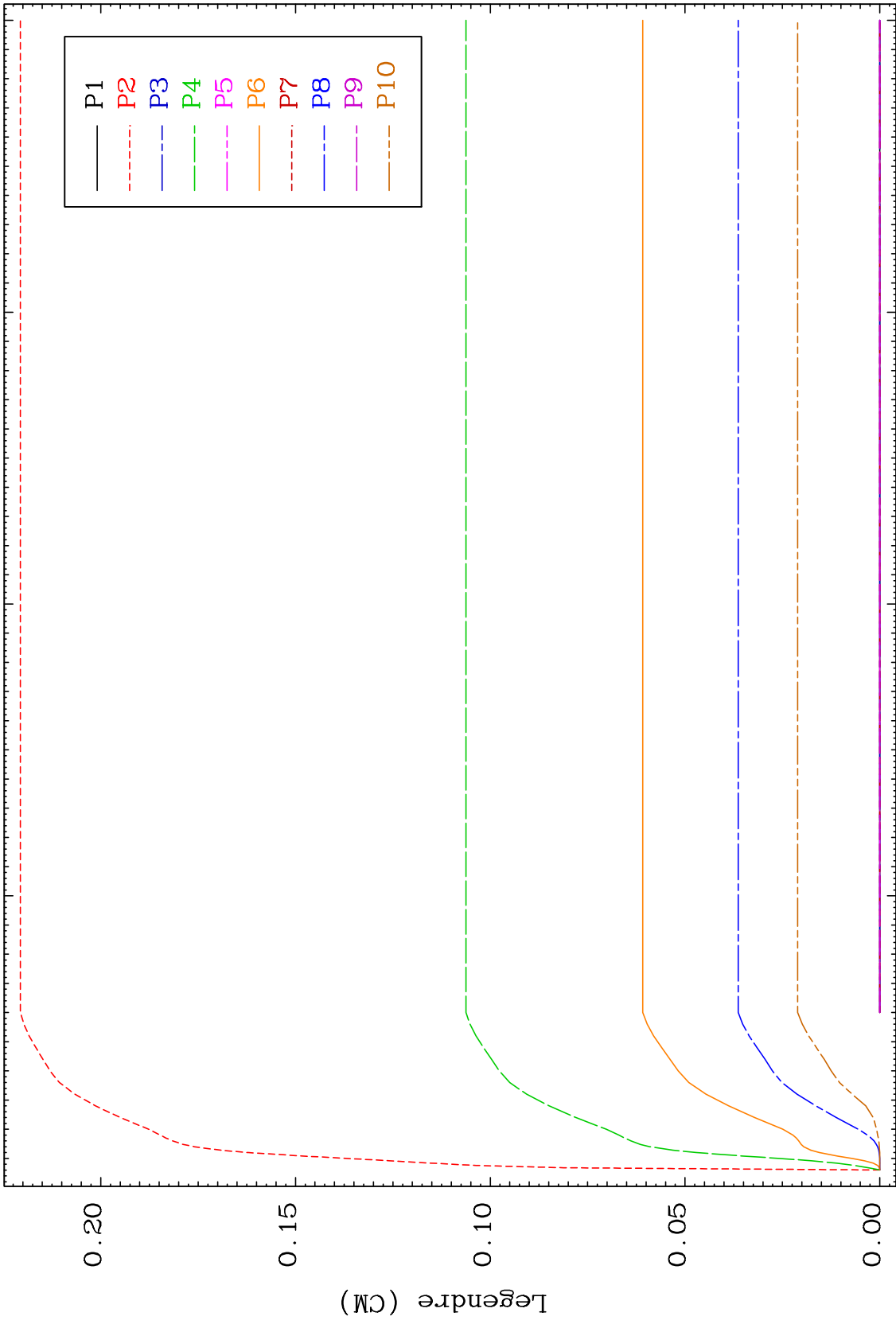
MAT 3061 MT= 58 (n,n') Level Legendre Coefficients 30-Zn-76



MAT 3061 MT= 58 (n,n') Level Legendre Coefficients 30-Zn-76

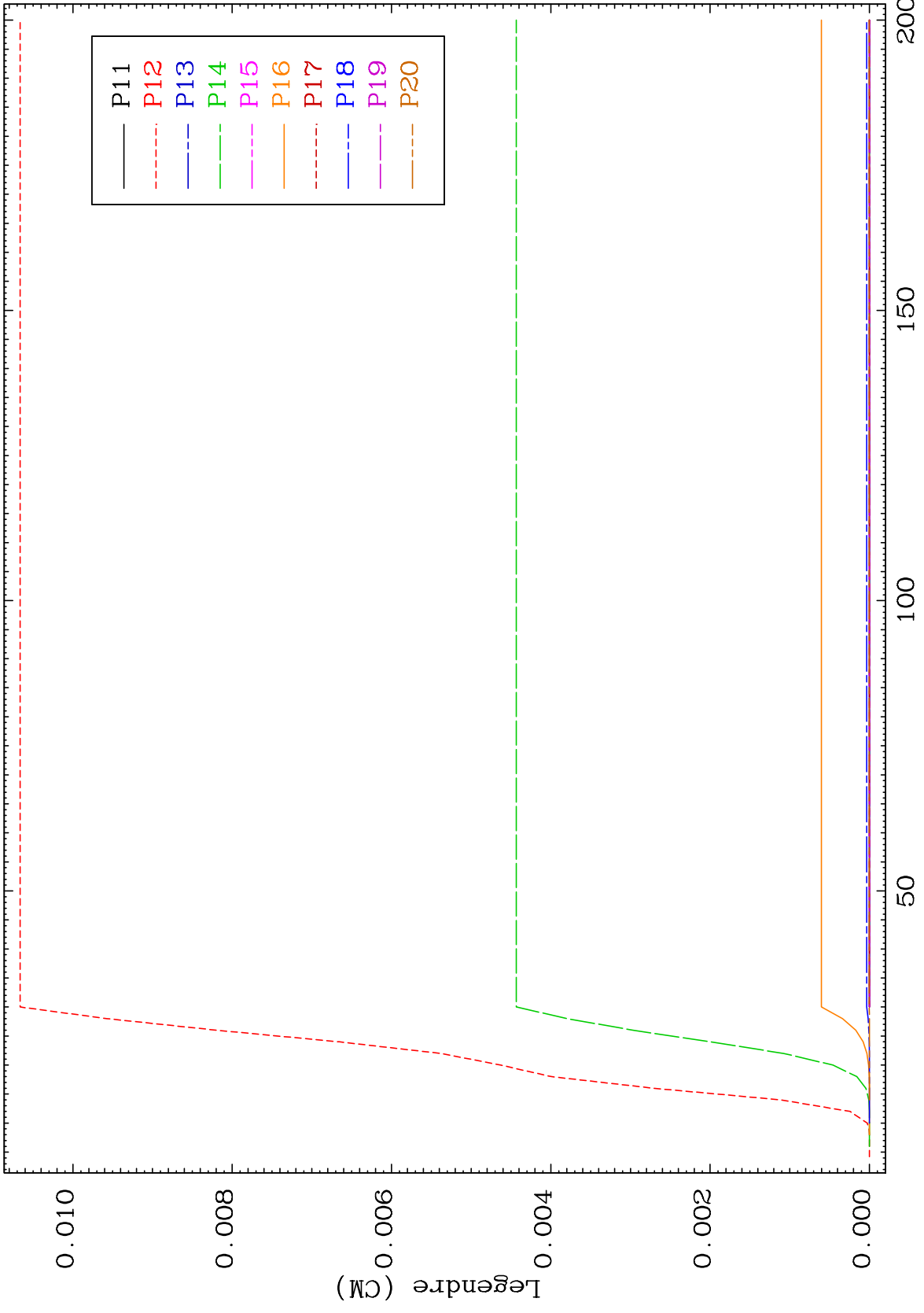


MAT 3061 MT= 59 (n,n') Level Legendre Coefficients 30-Zn-76

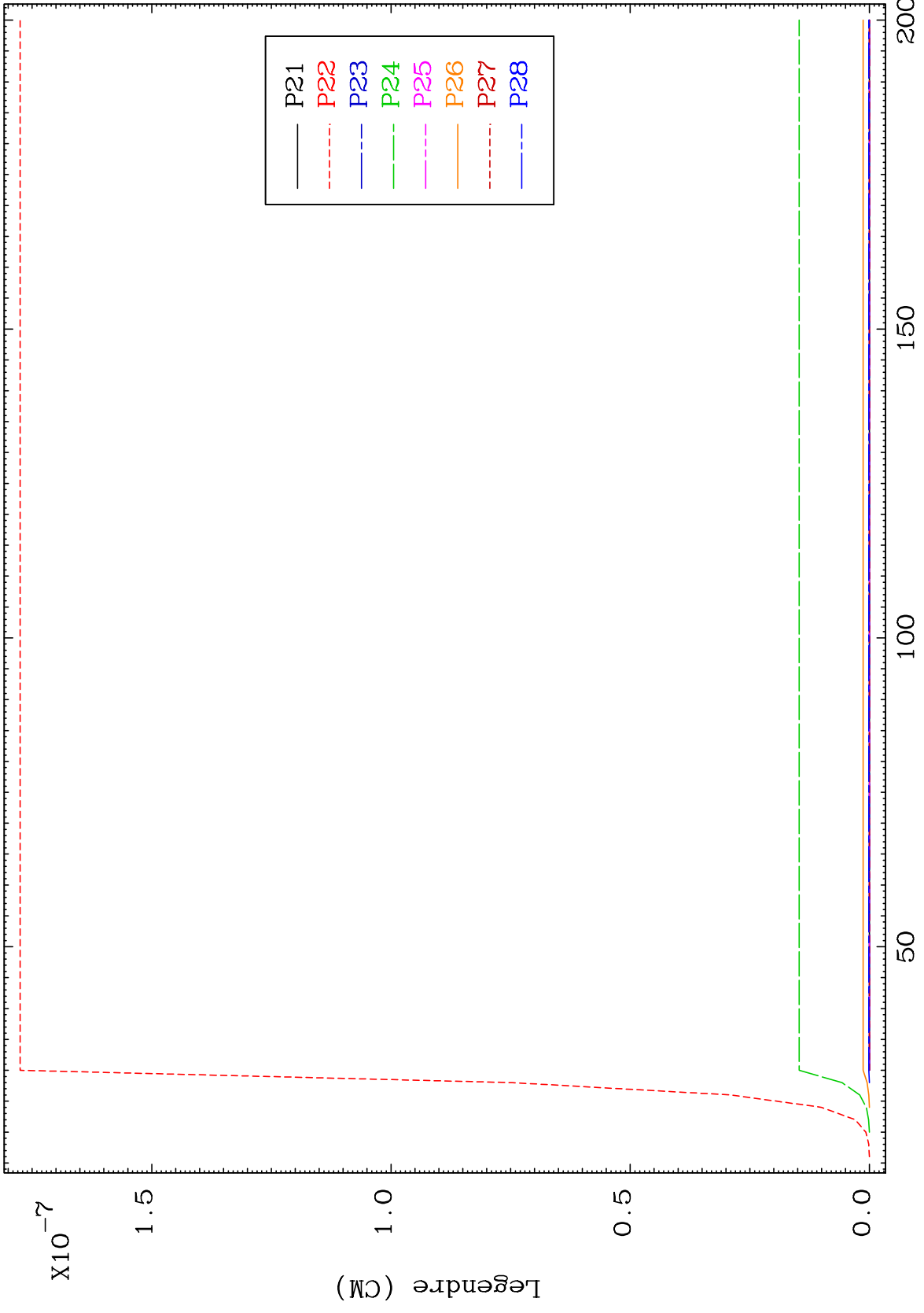


45 Incident Energy (MeV) 200 30-Zn-76

MAT 3061 MT= 59 (n,n') Level Legendre Coefficients 30-Zn-76



MAT 3061 MT= 59 (n,n') Level Legendre Coefficients 30-Zn-76



47

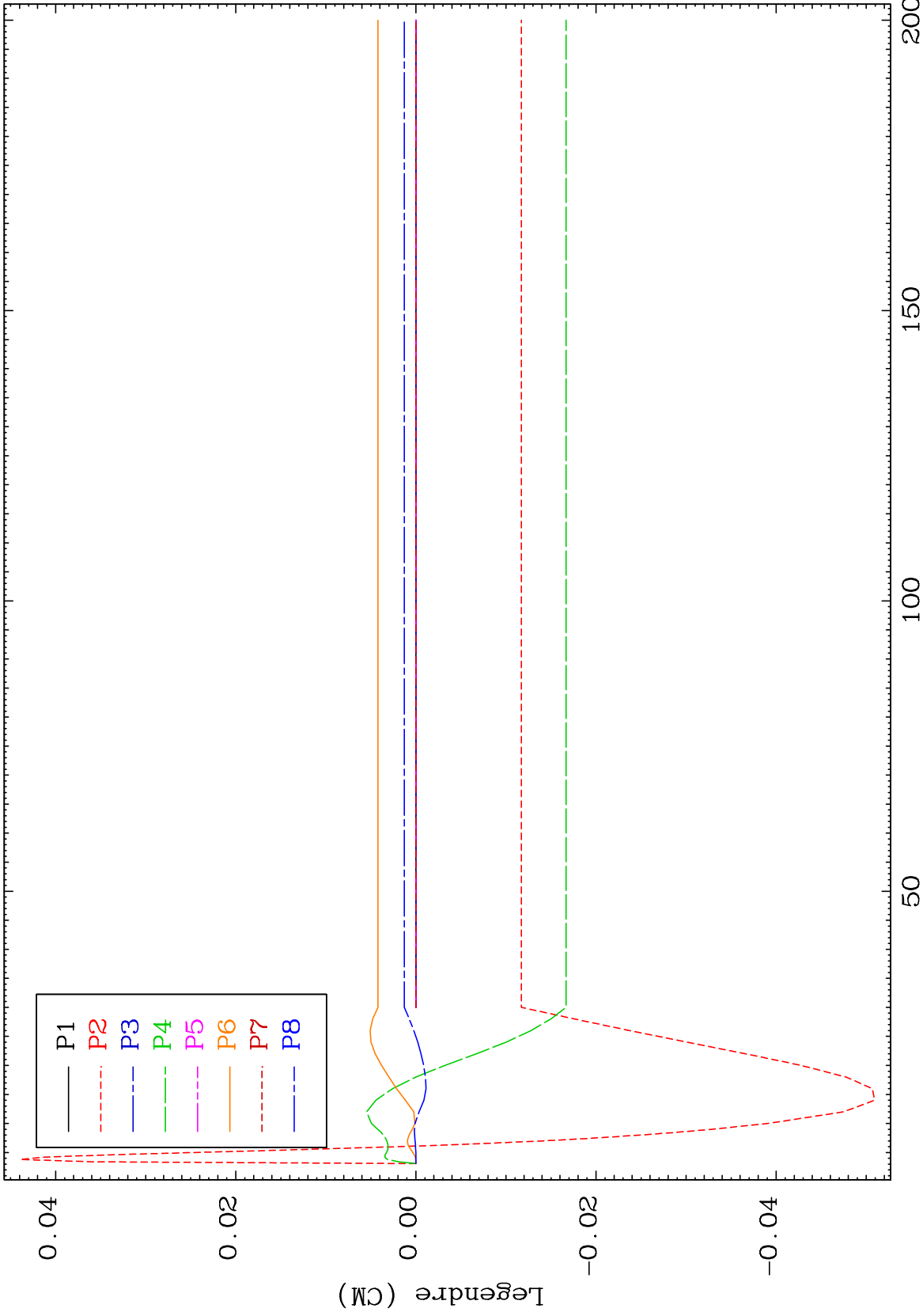
Incident Energy (MeV)

30-Zn-76

MAT 3061

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

30-Zn-76



48

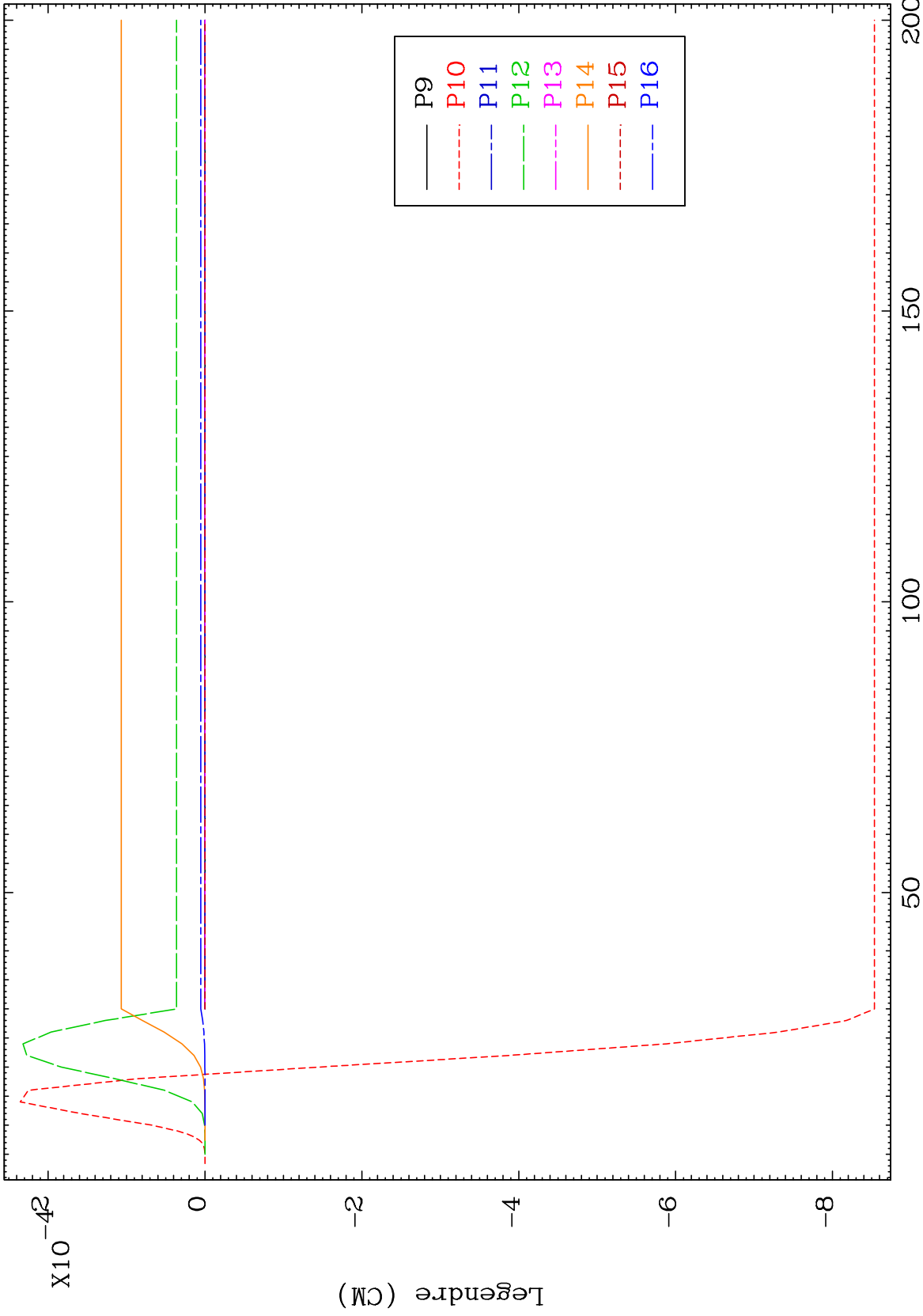
Incident Energy (MeV)

30-Zn-76

MAT 3061

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

30-Zn-76

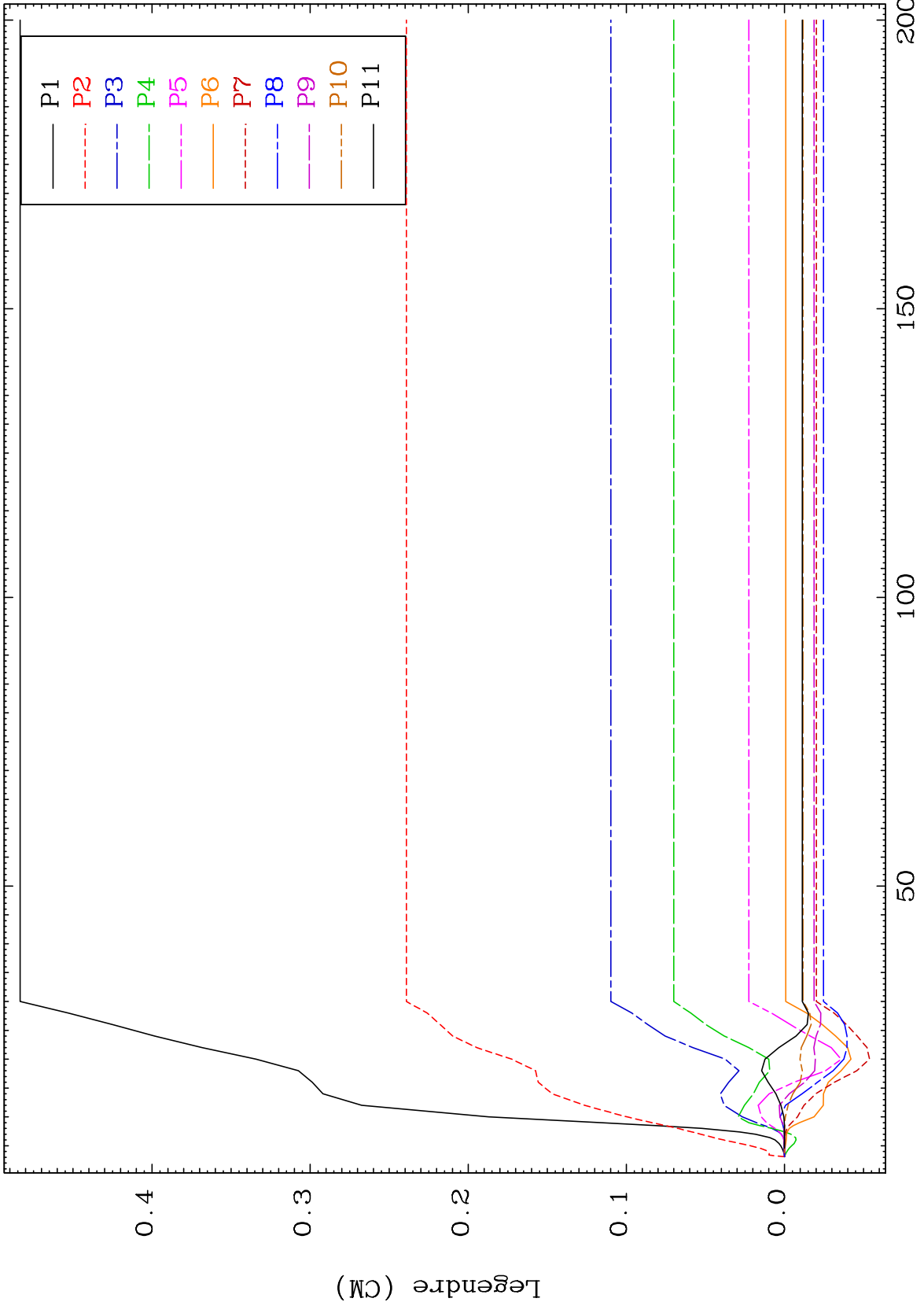


49

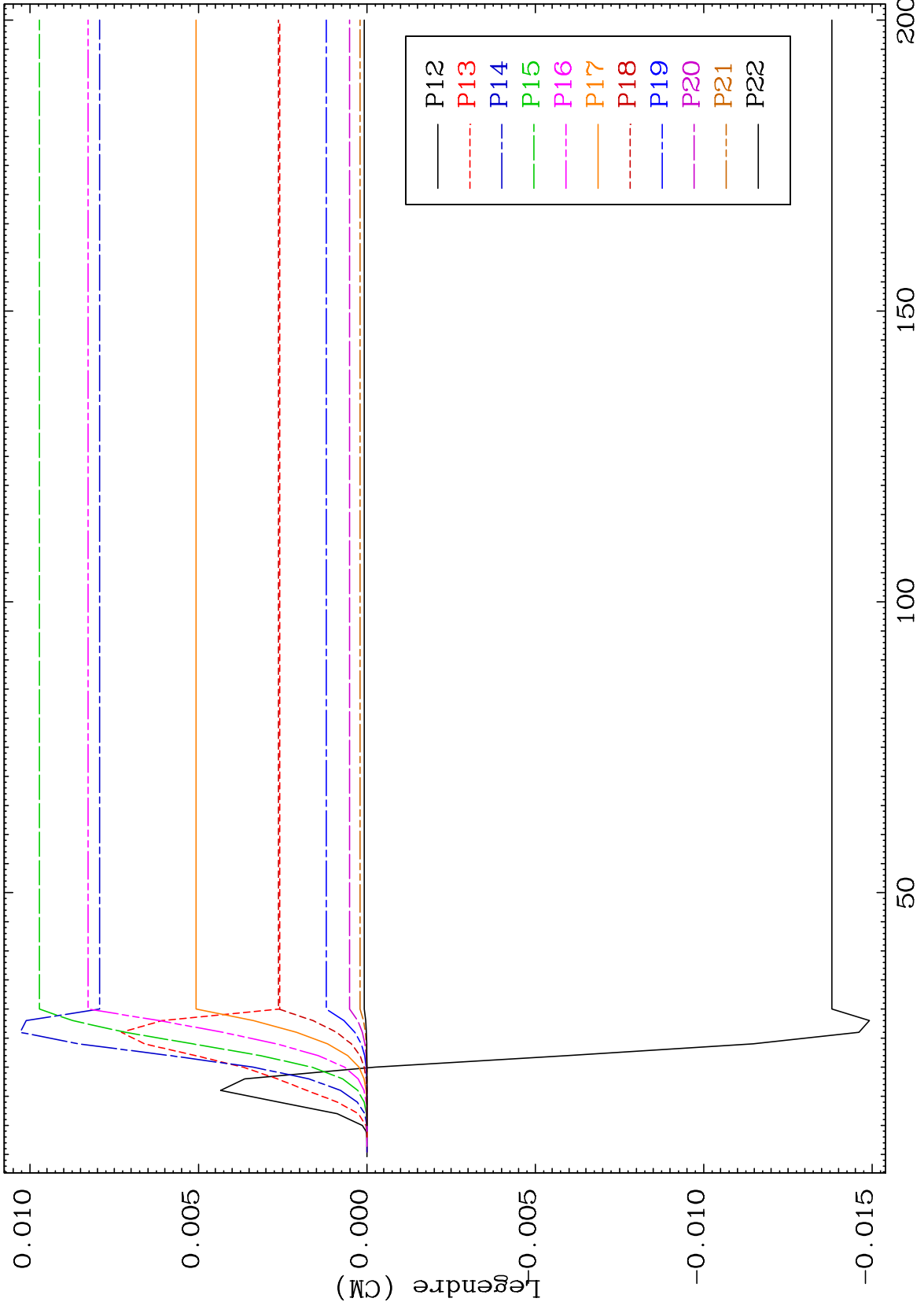
Incident Energy (MeV)

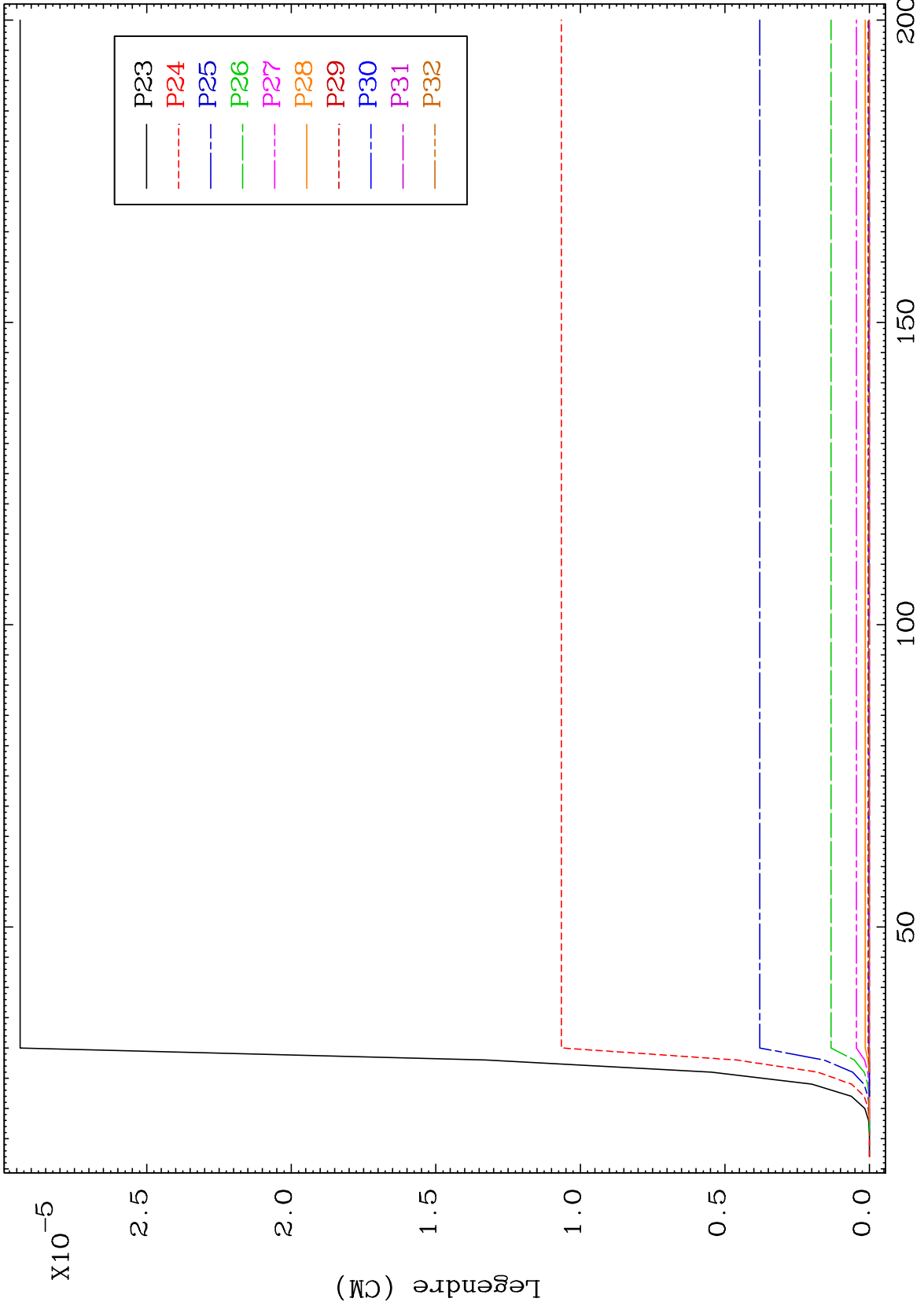
30-Zn-76

MAT 3061 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-76

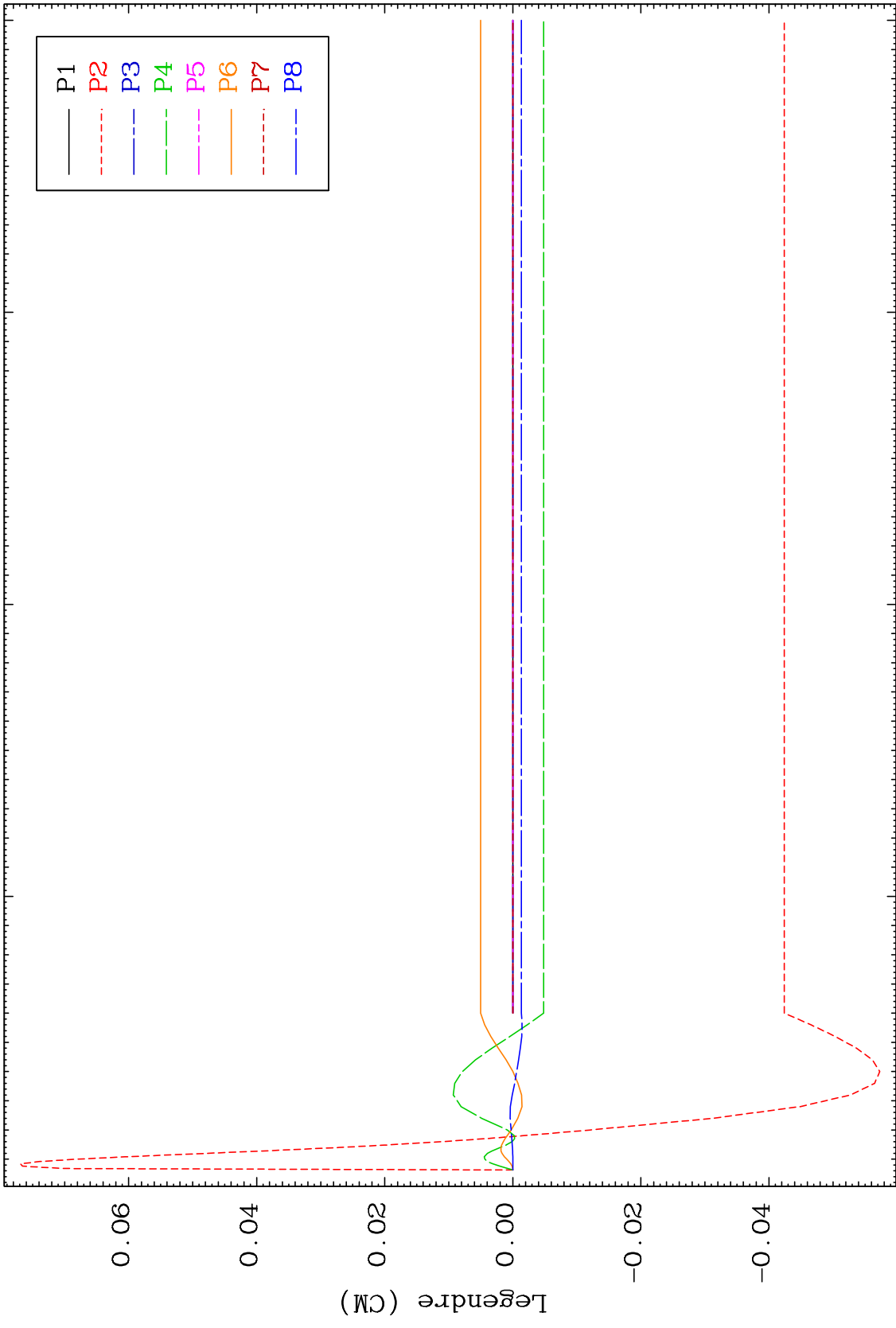


MAT 3061 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-76





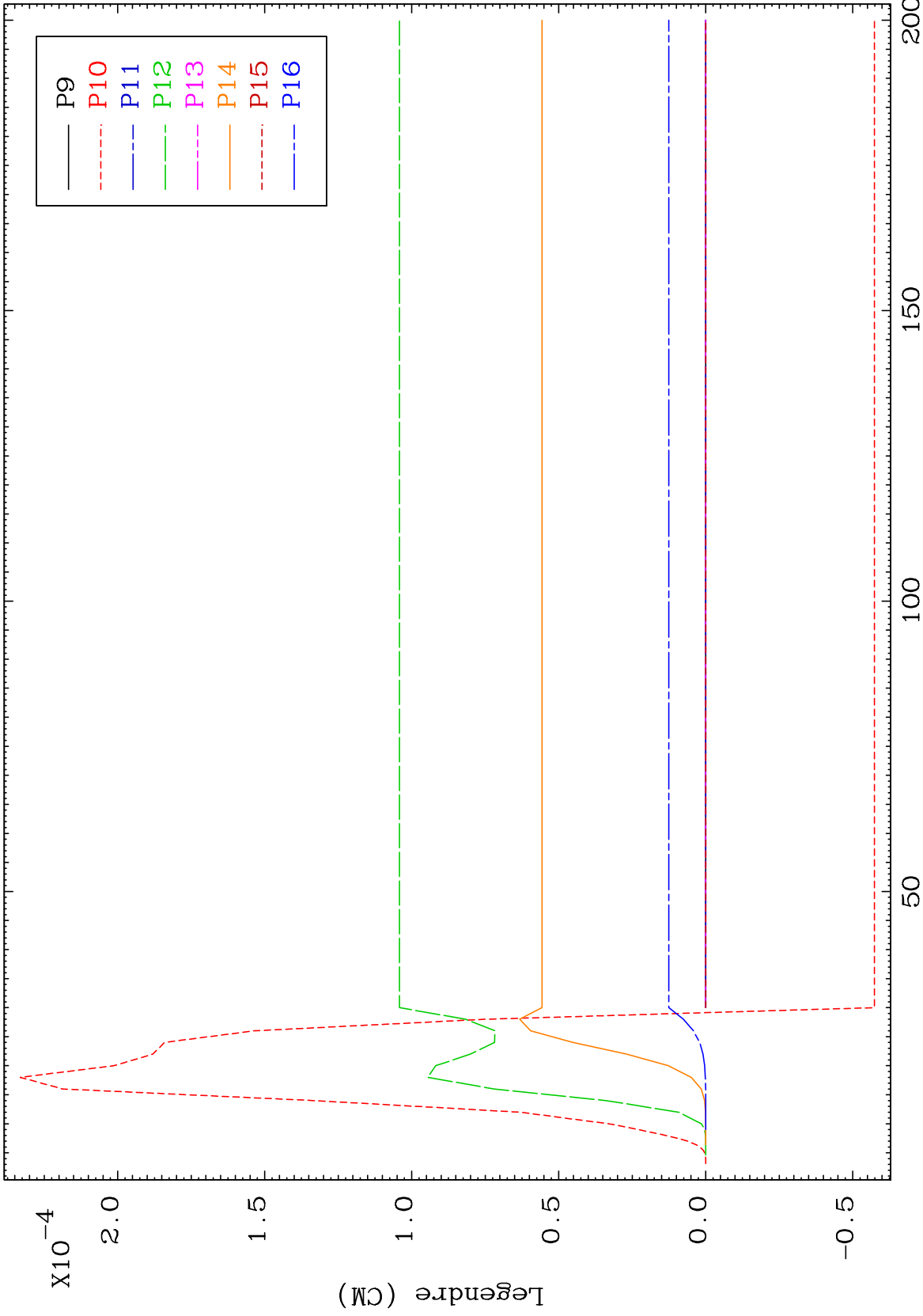
MAT 3061 MT= 62 (n,n') Level Legendre Coefficients 30-Zn-76



MAT 3061

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

30-Zn-76



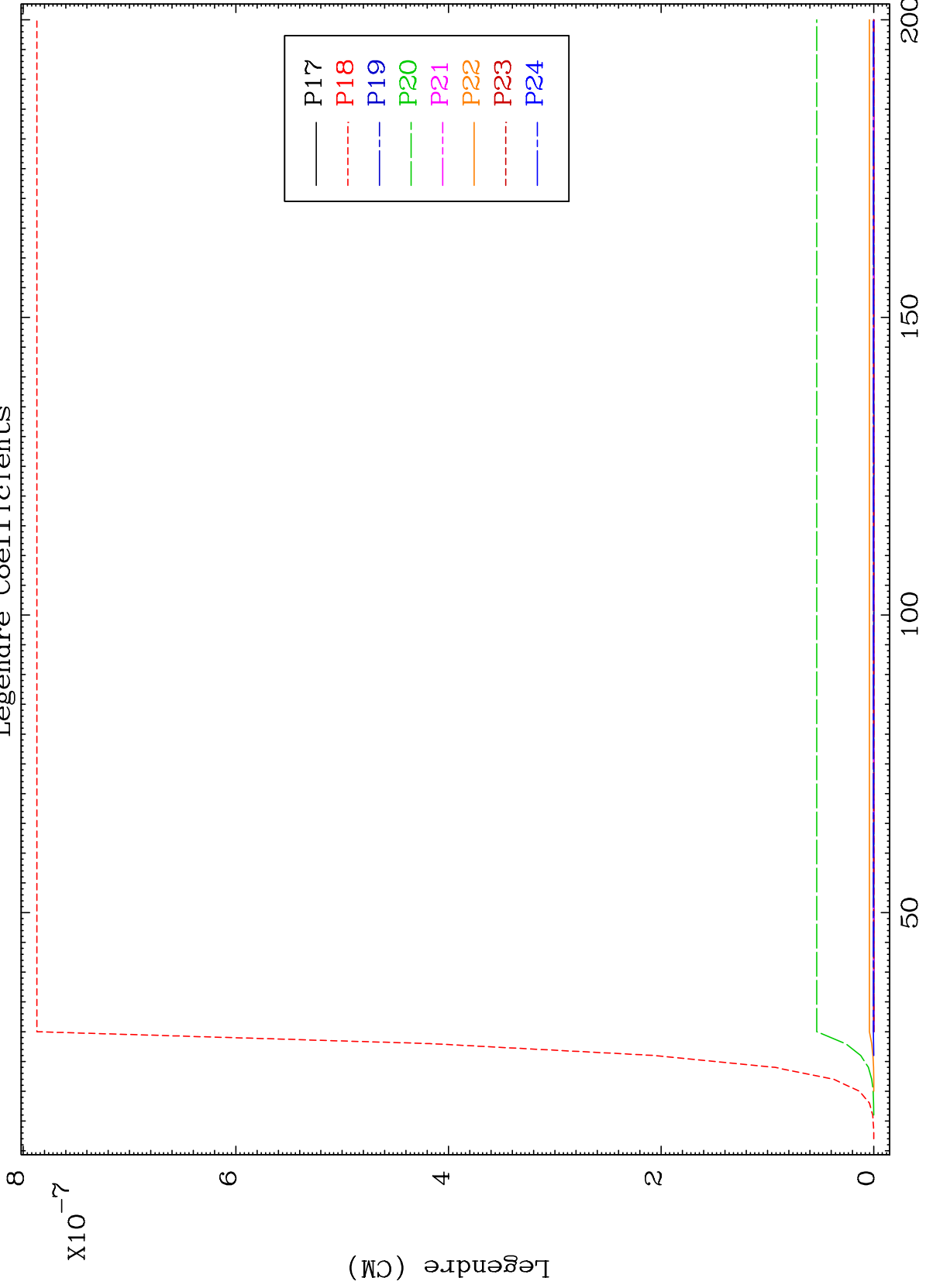
55

Incident Energy (MeV)

30-Zn-76

MAT 3061 MT= 62 (n,n') Level Legendre Coefficients

30-Zn-76

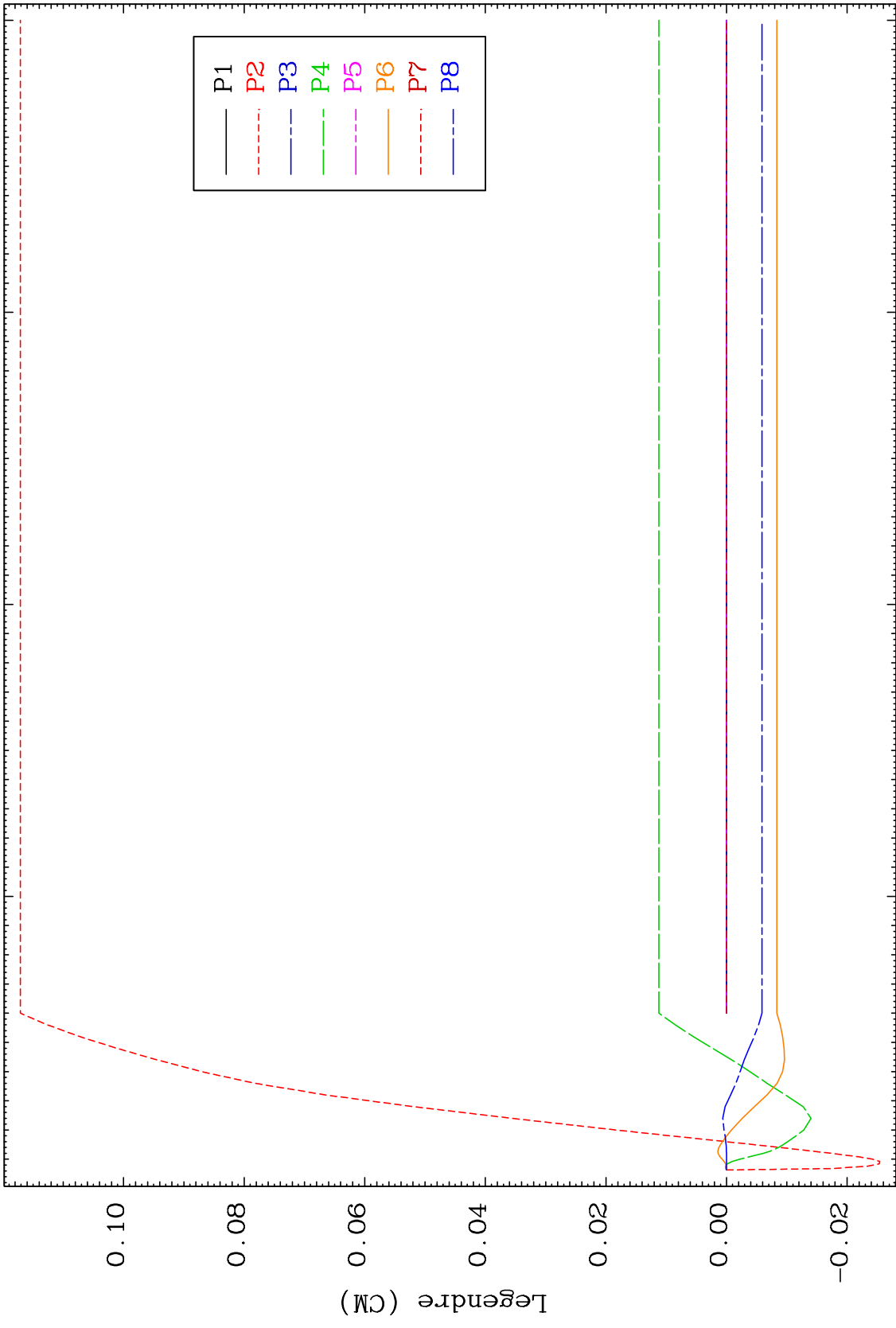


30-Zn-76

Incident Energy (MeV)

56

MAT 3061 MT= 63 (n,n') Level Legendre Coefficients 30-Zn-76

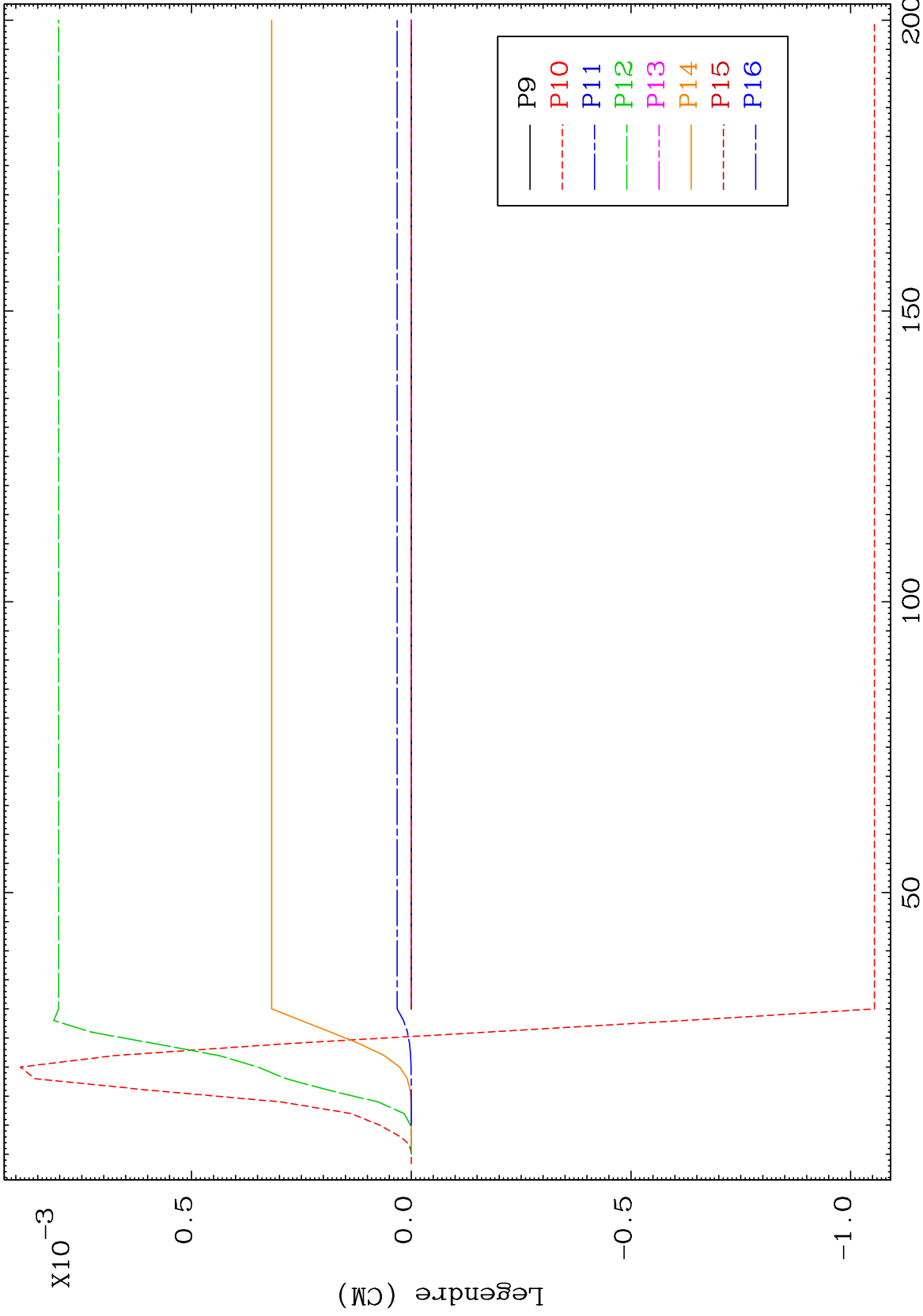


57 Incident Energy (MeV) 30-Zn-76

MAT 3061

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

30-Zn-76

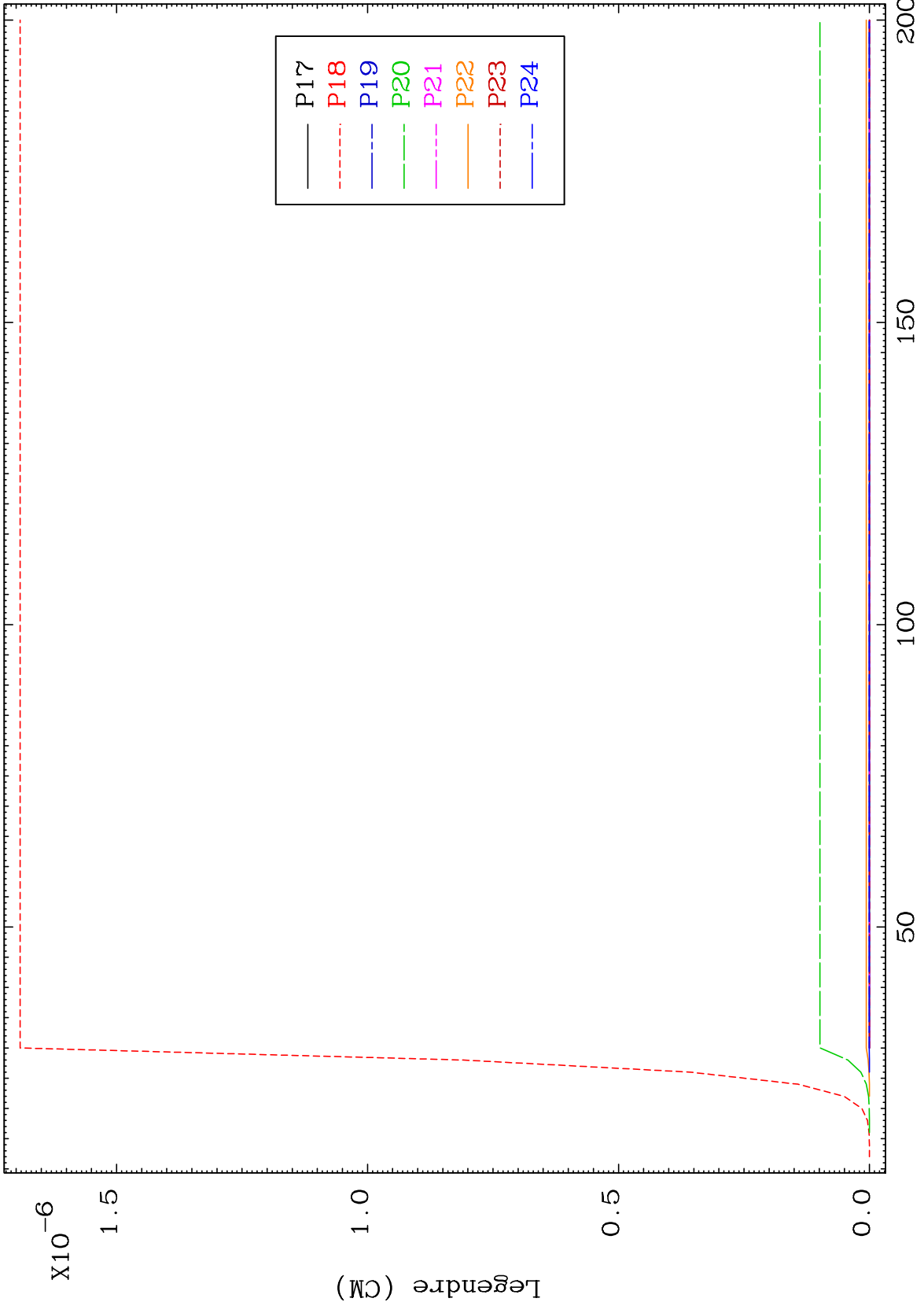


58

Incident Energy (MeV)

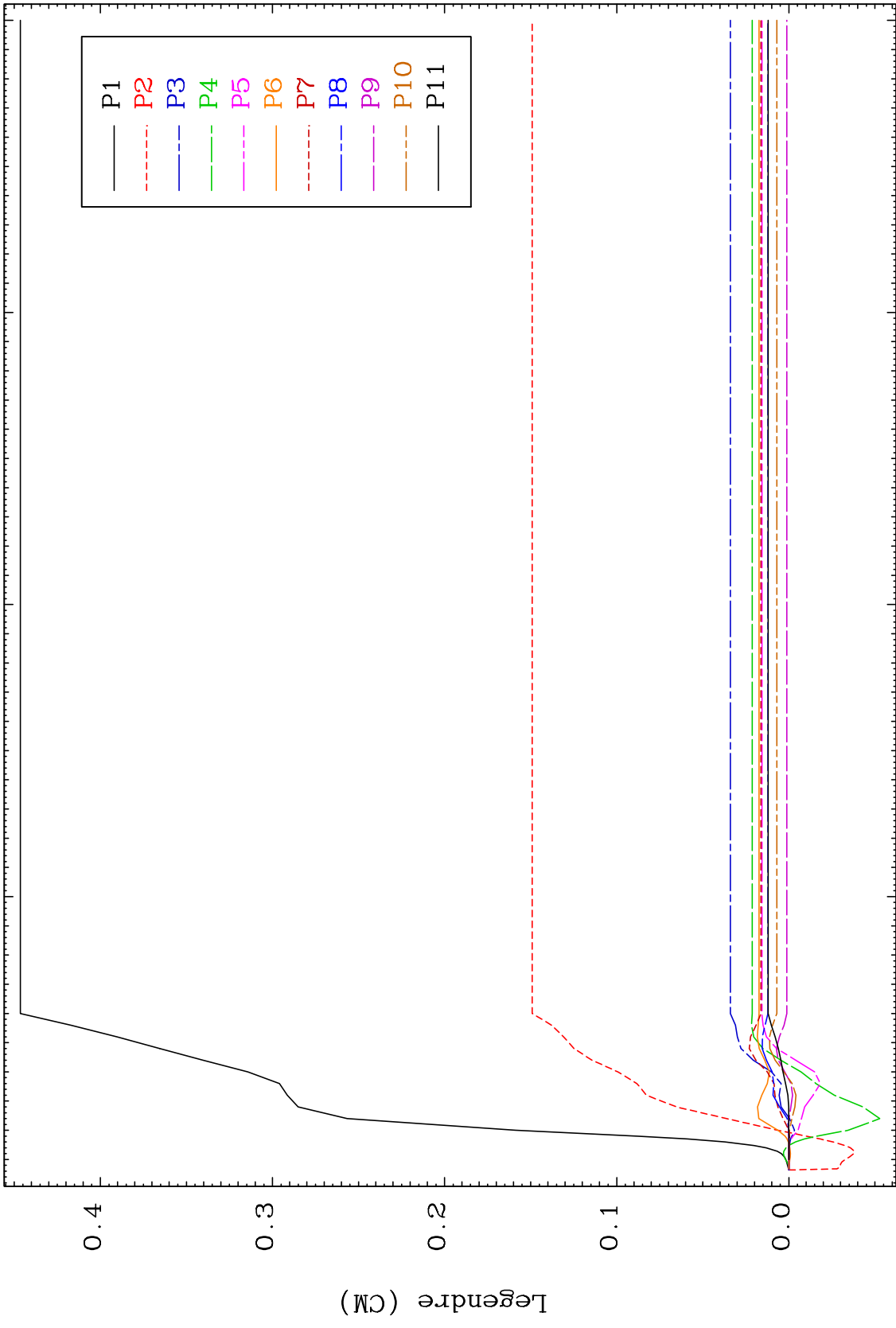
30-Zn-76

MAT 3061 MT= 63 (n,n') Level Legendre Coefficients 30-Zn-76



59 100 150 200 30-Zn-76

MAT 3061 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-76

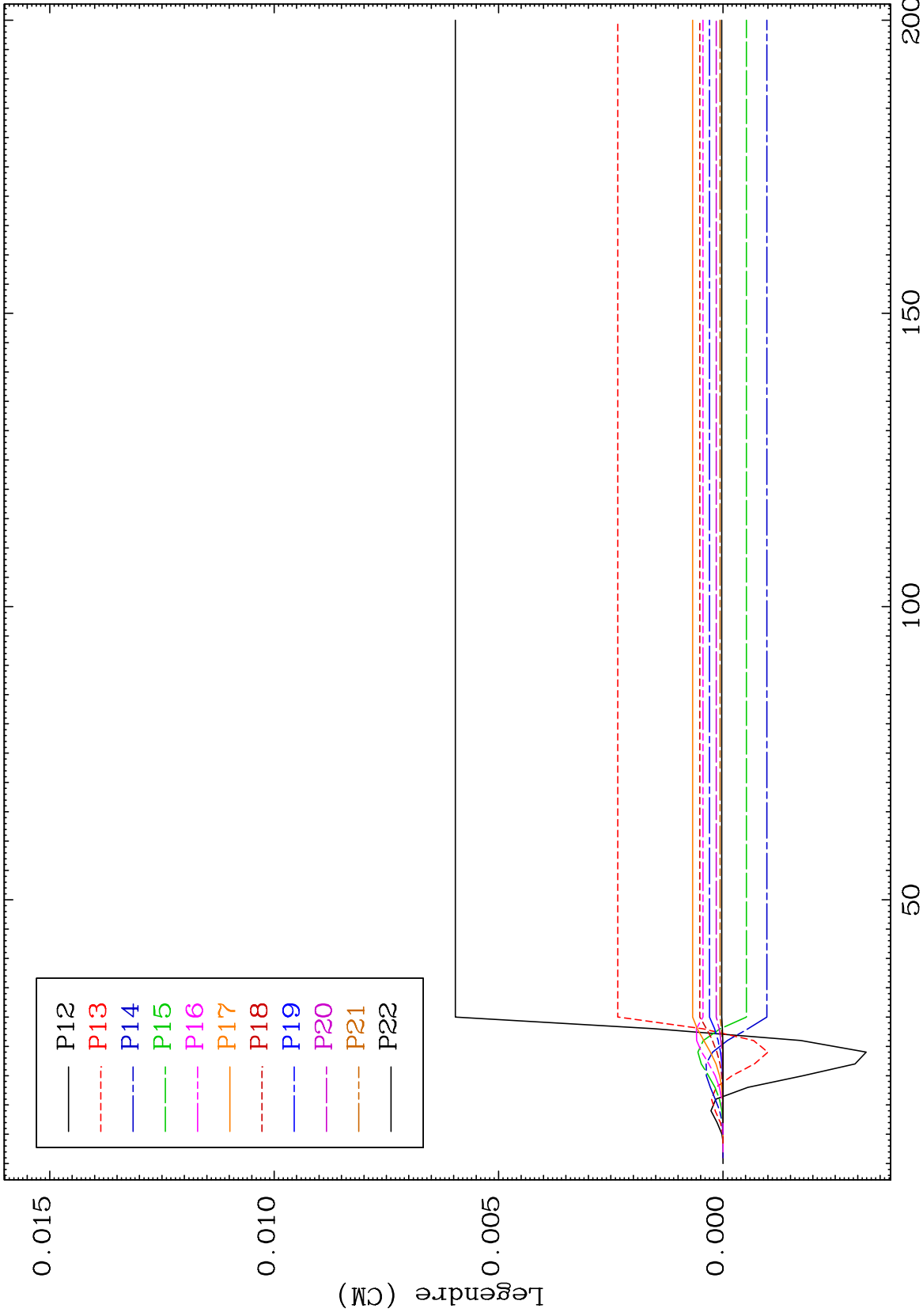


Legendre (CM) Incident Energy (MeV) 30-Zn-76

MAT 3061

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

30-Zn-76



61

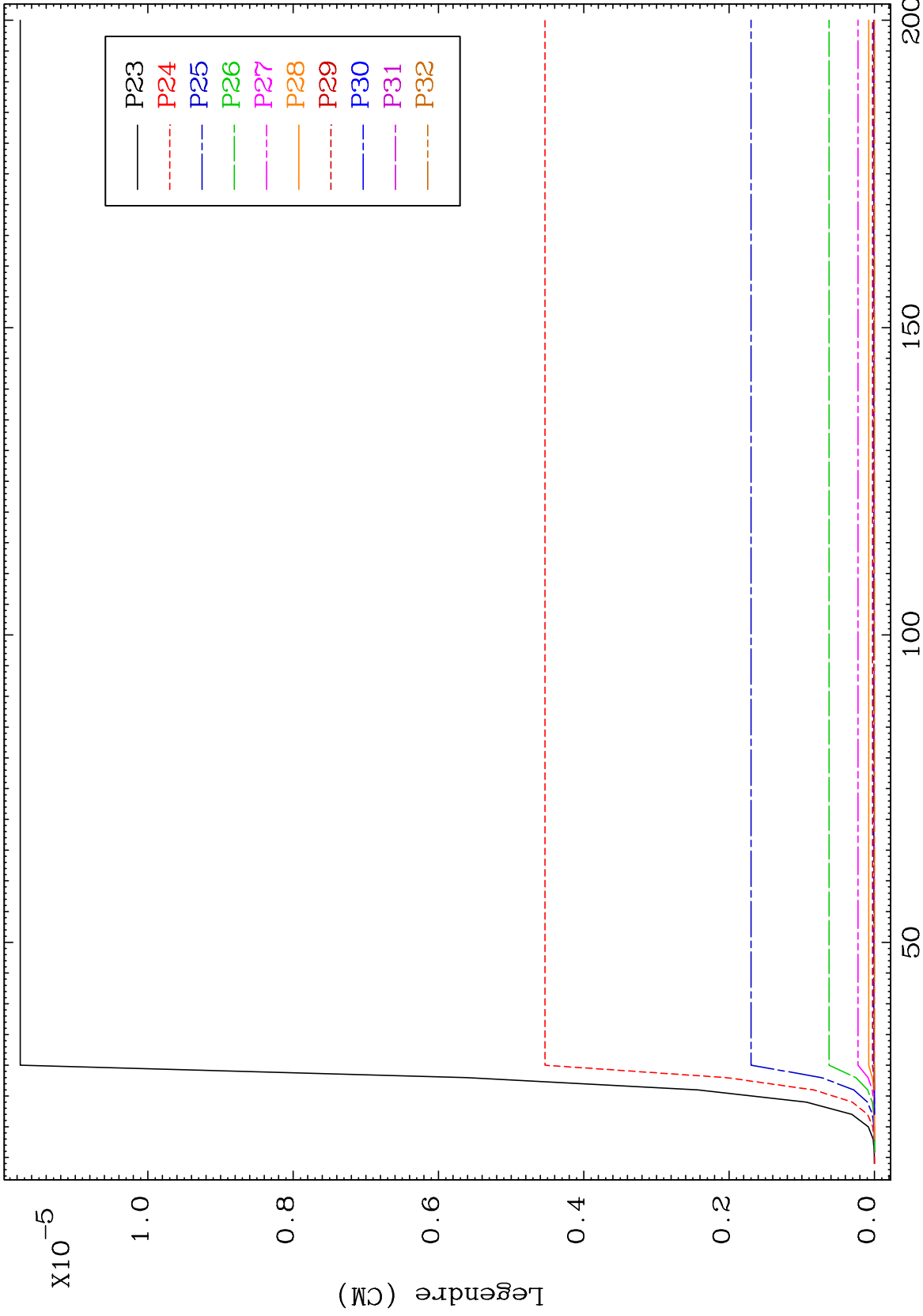
Incident Energy (MeV)

30-Zn-76

MAT 3061

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

30-Zn-76



62

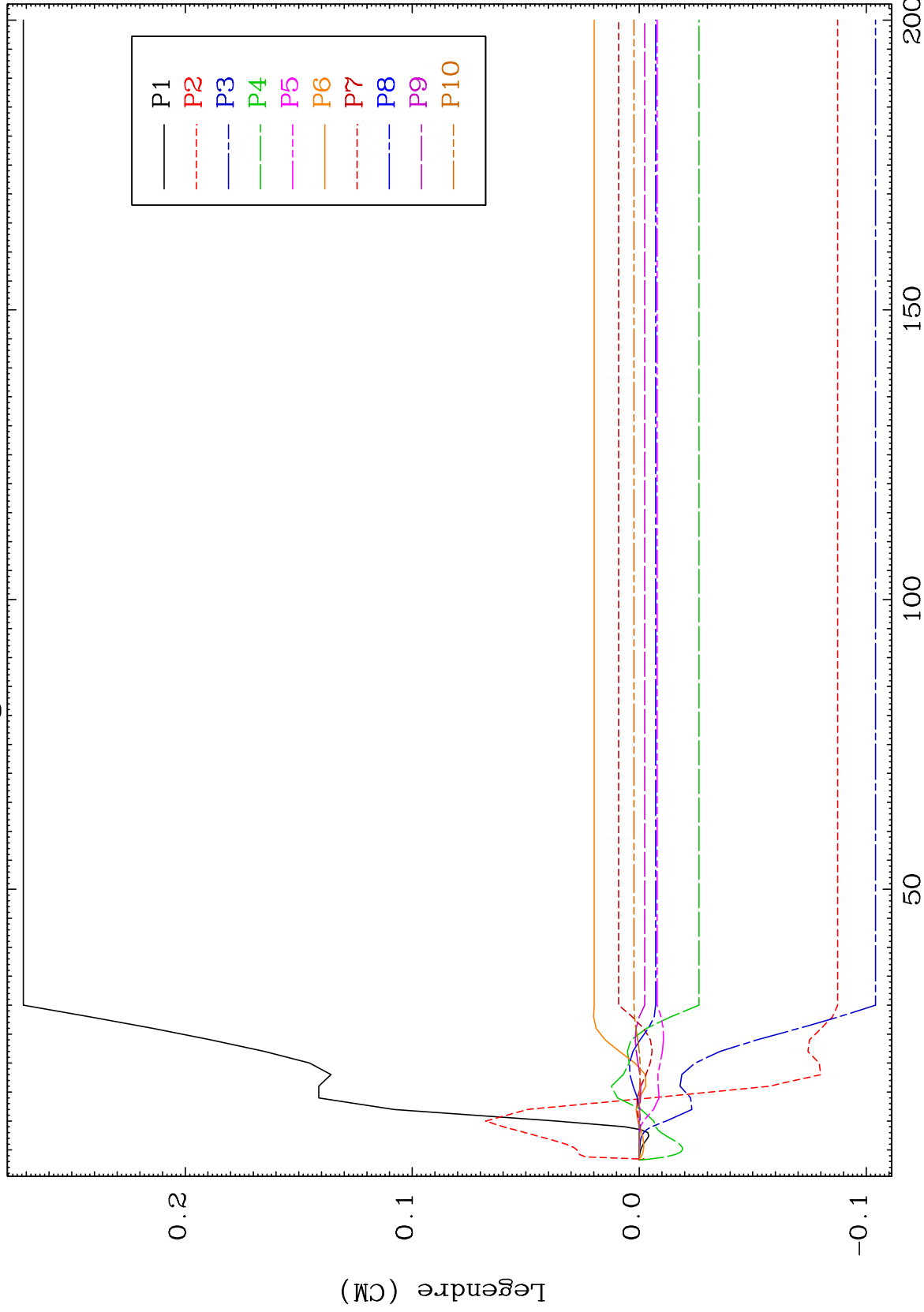
Incident Energy (MeV)

30-Zn-76

MAT 3061

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

30-Zn-76

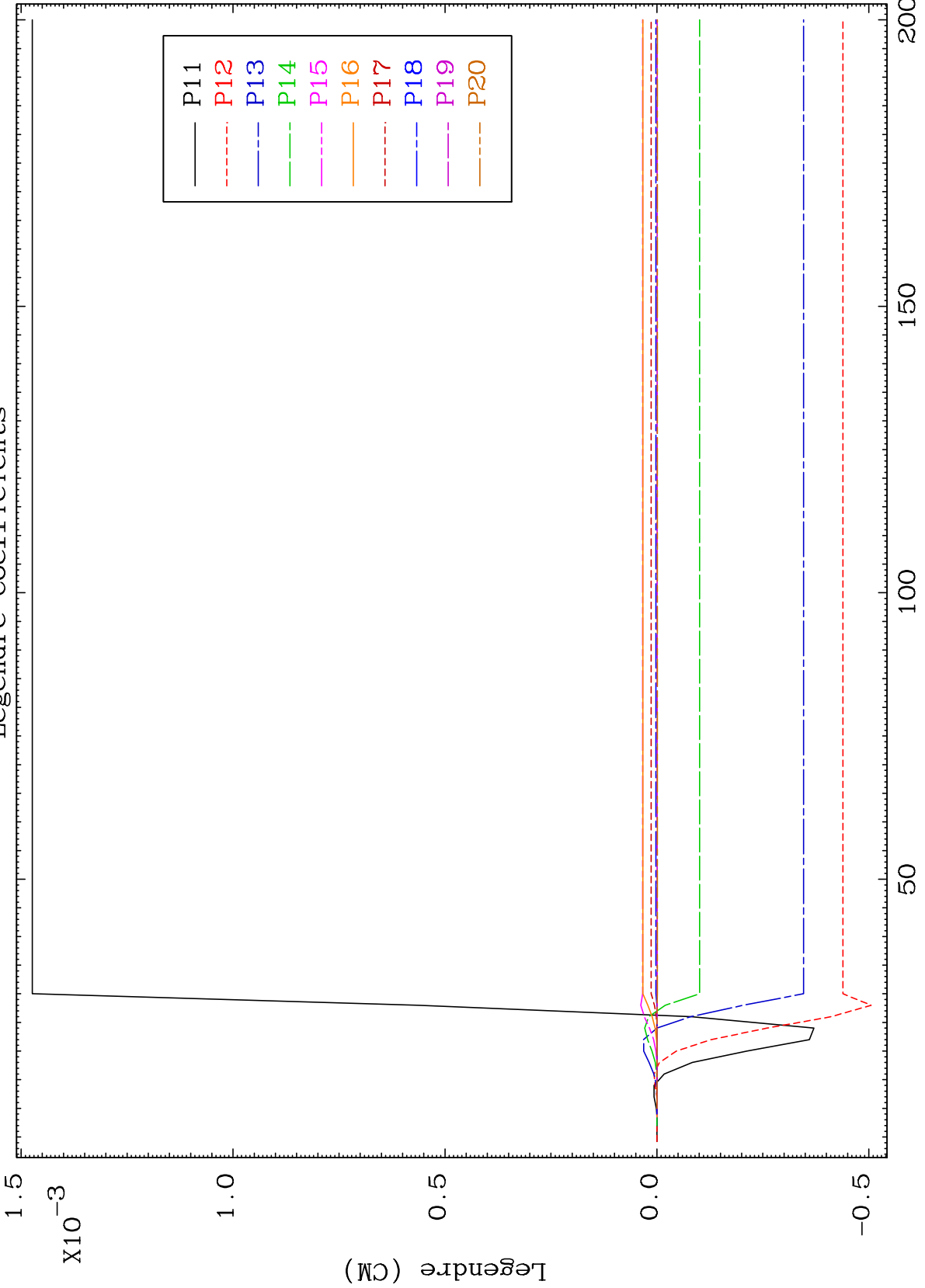


63

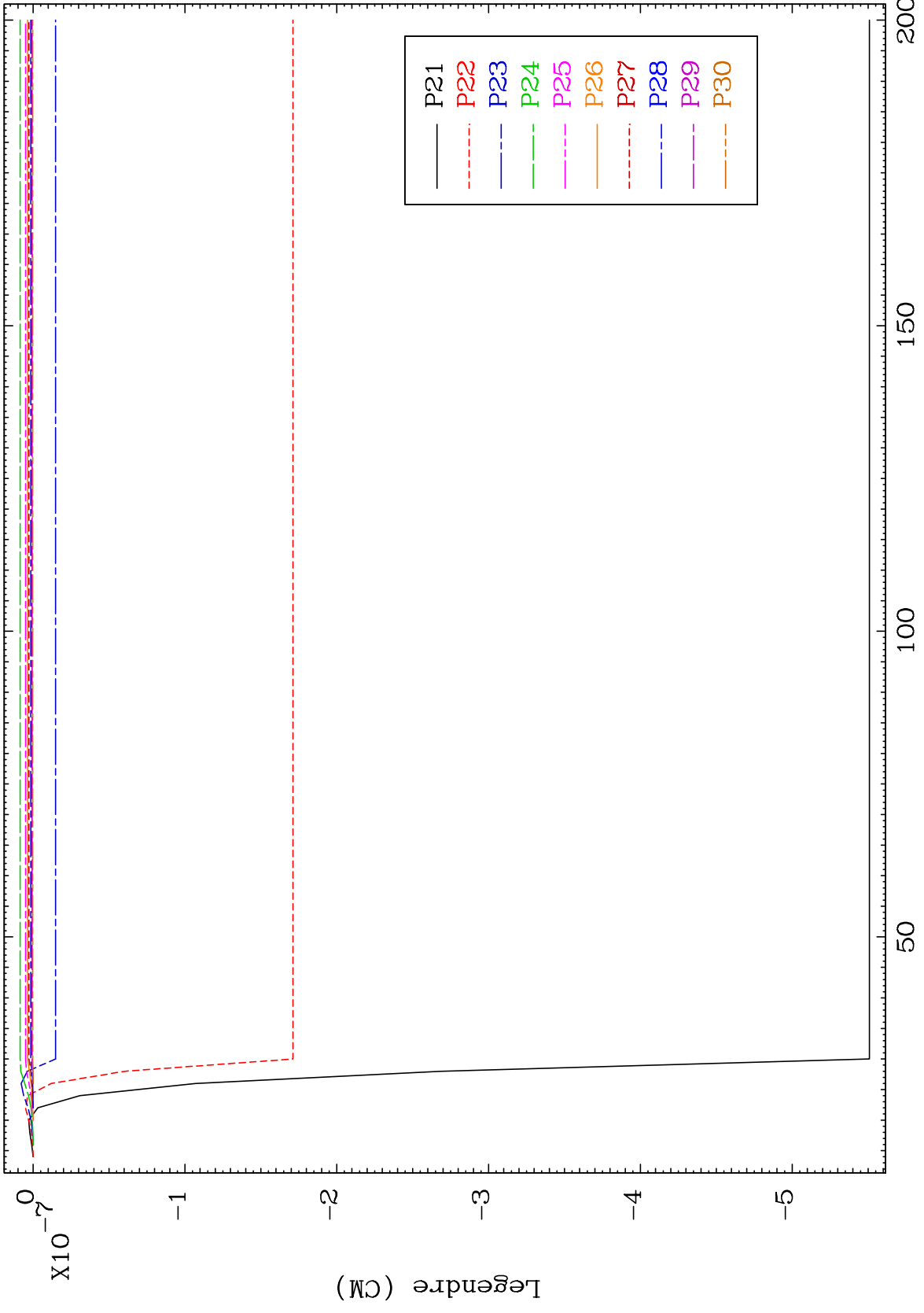
Incident Energy (MeV)

30-Zn-76

MAT 3061 MT= 65 (n,n') Level Legendre Coefficients 30-Zn-76

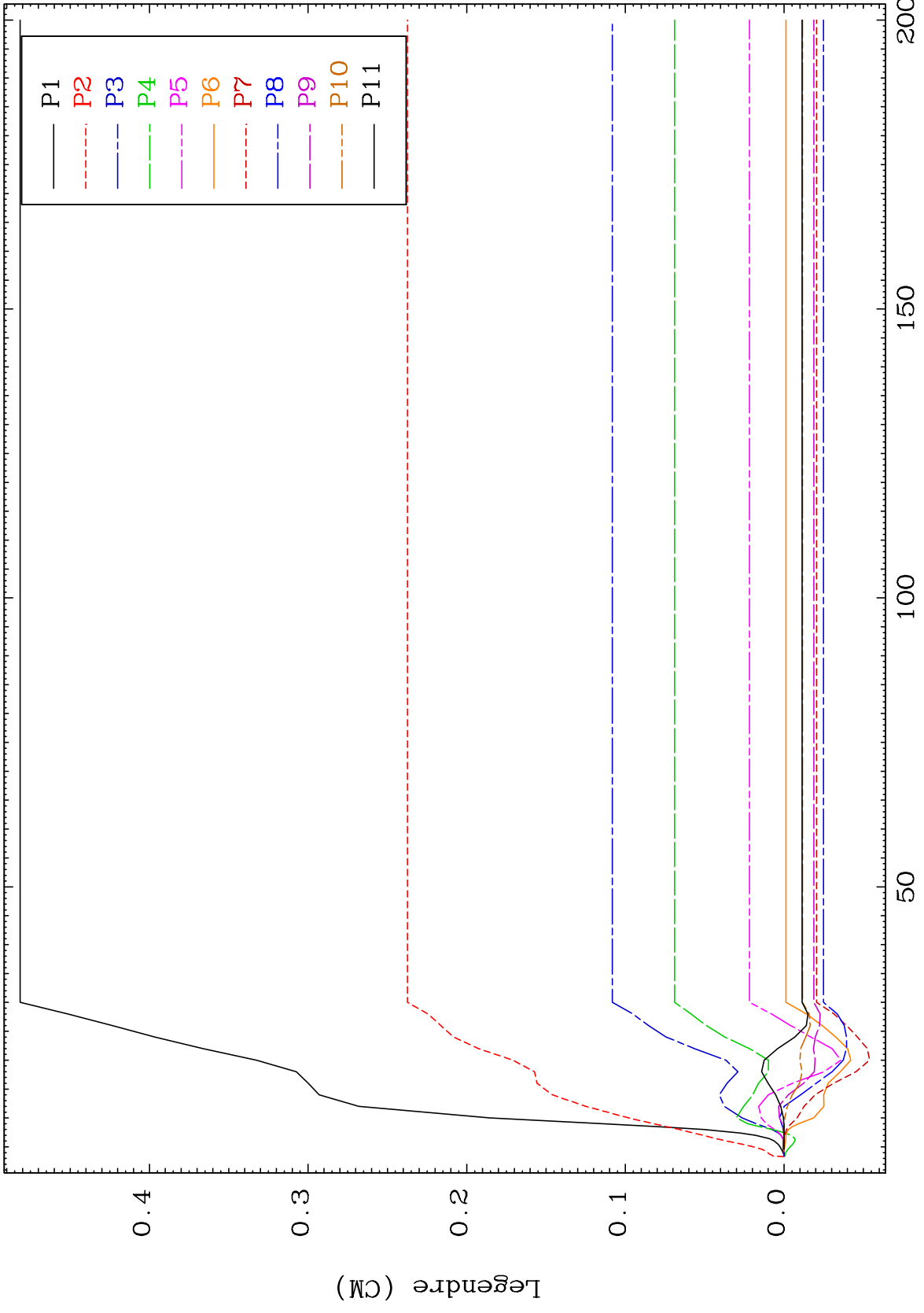


MAT 3061 MT= 65 (n,n') Level Legendre Coefficients 30-Zn-76

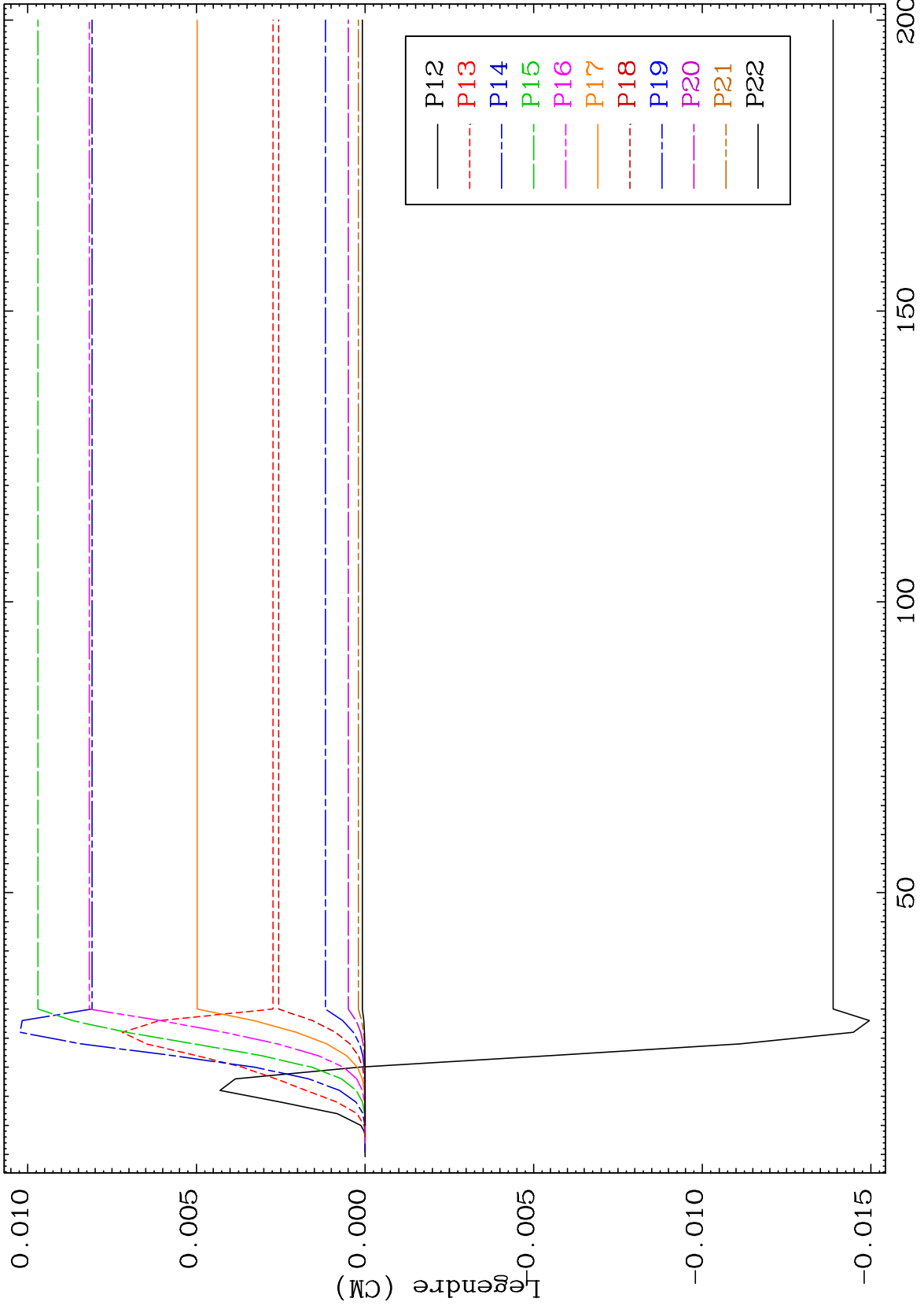


65 30-Zn-76

MAT 3061 MT= 66 (n,n') Level Legendre Coefficients 30-Zn-76

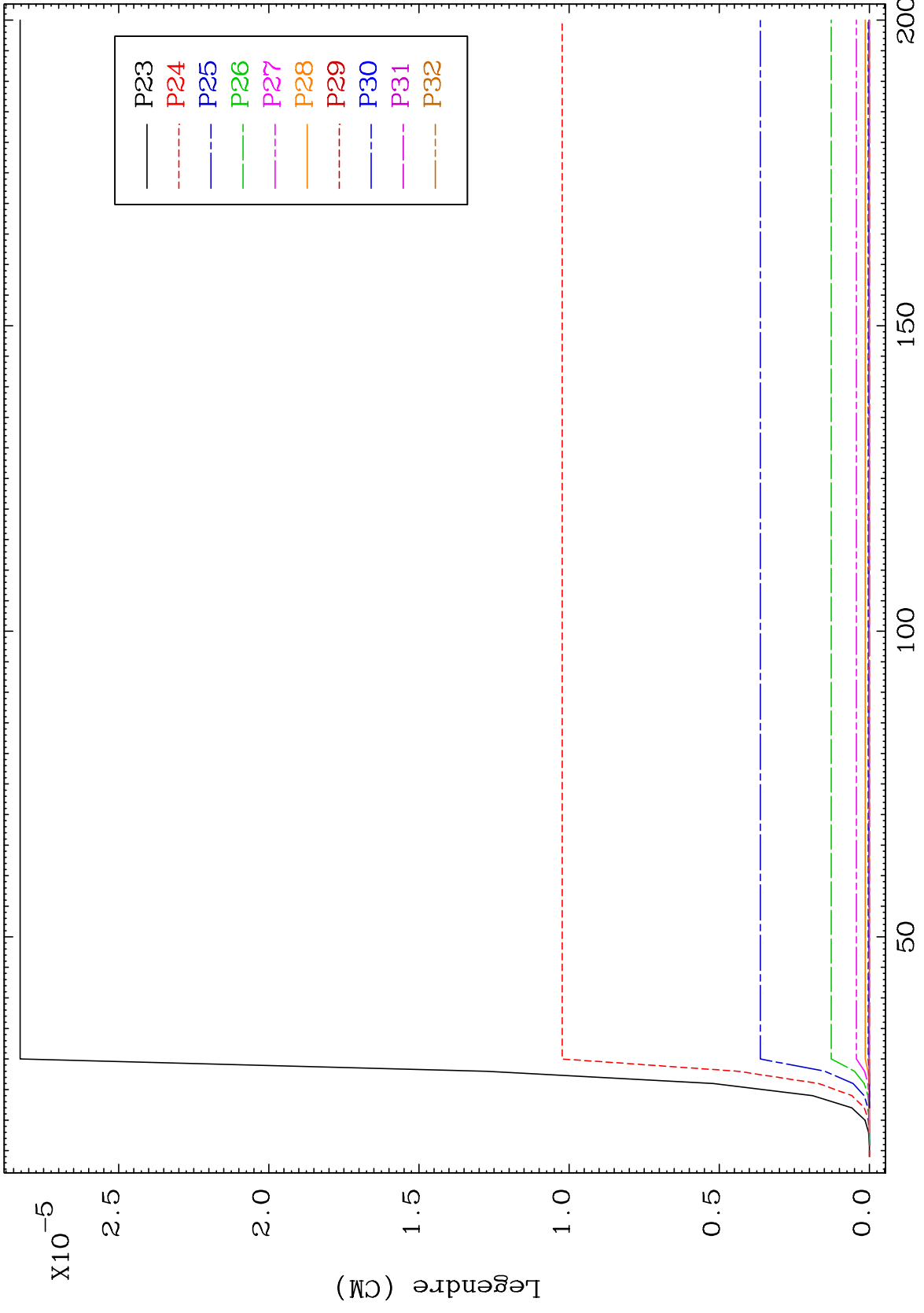


MAT 3061 MT= 66 (n,n') Level Legendre Coefficients 30-Zn-76

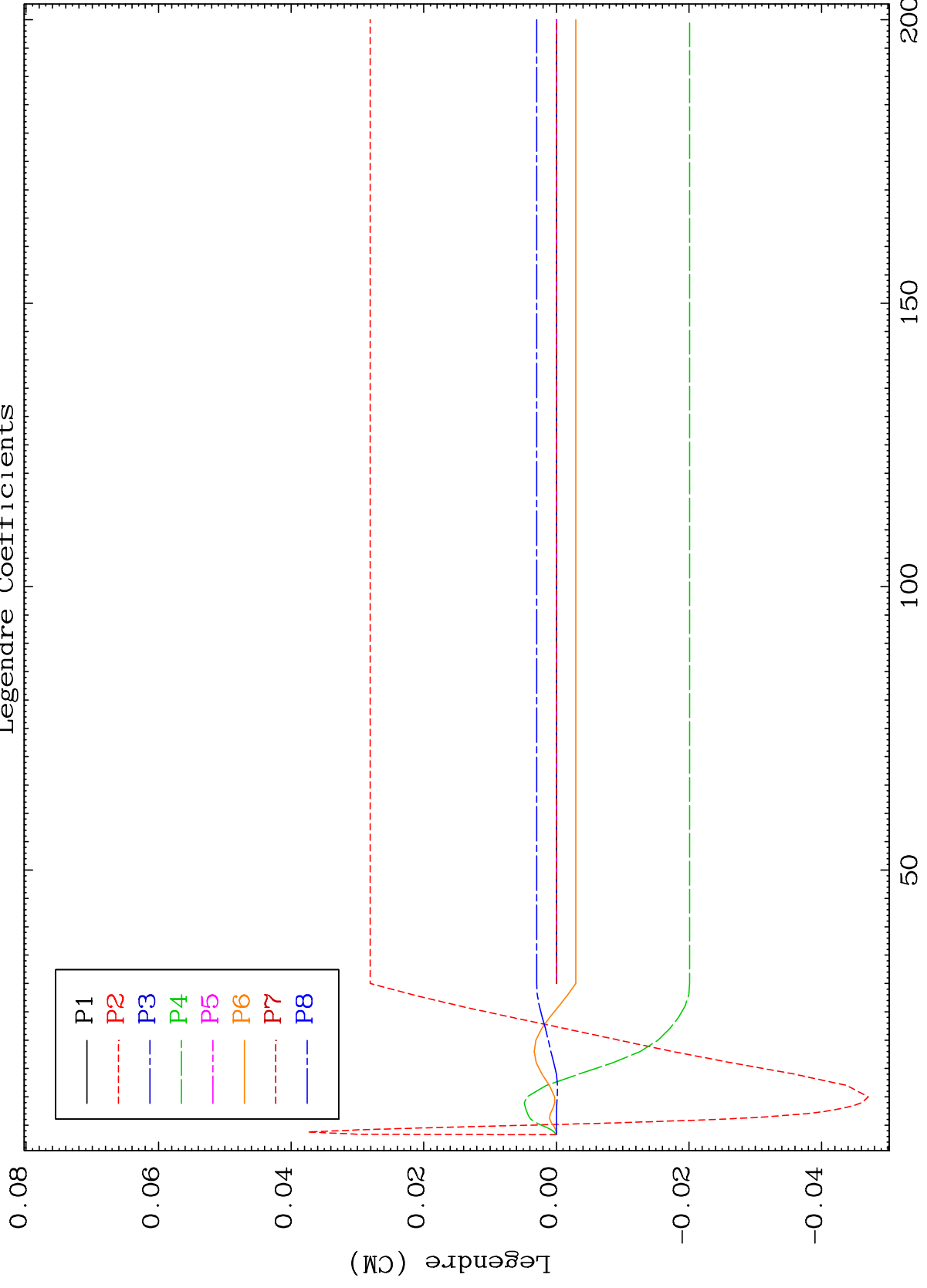


67 30-Zn-76

MAT 3061 MT= 66 (n,n') Level Legendre Coefficients 30-Zn-76



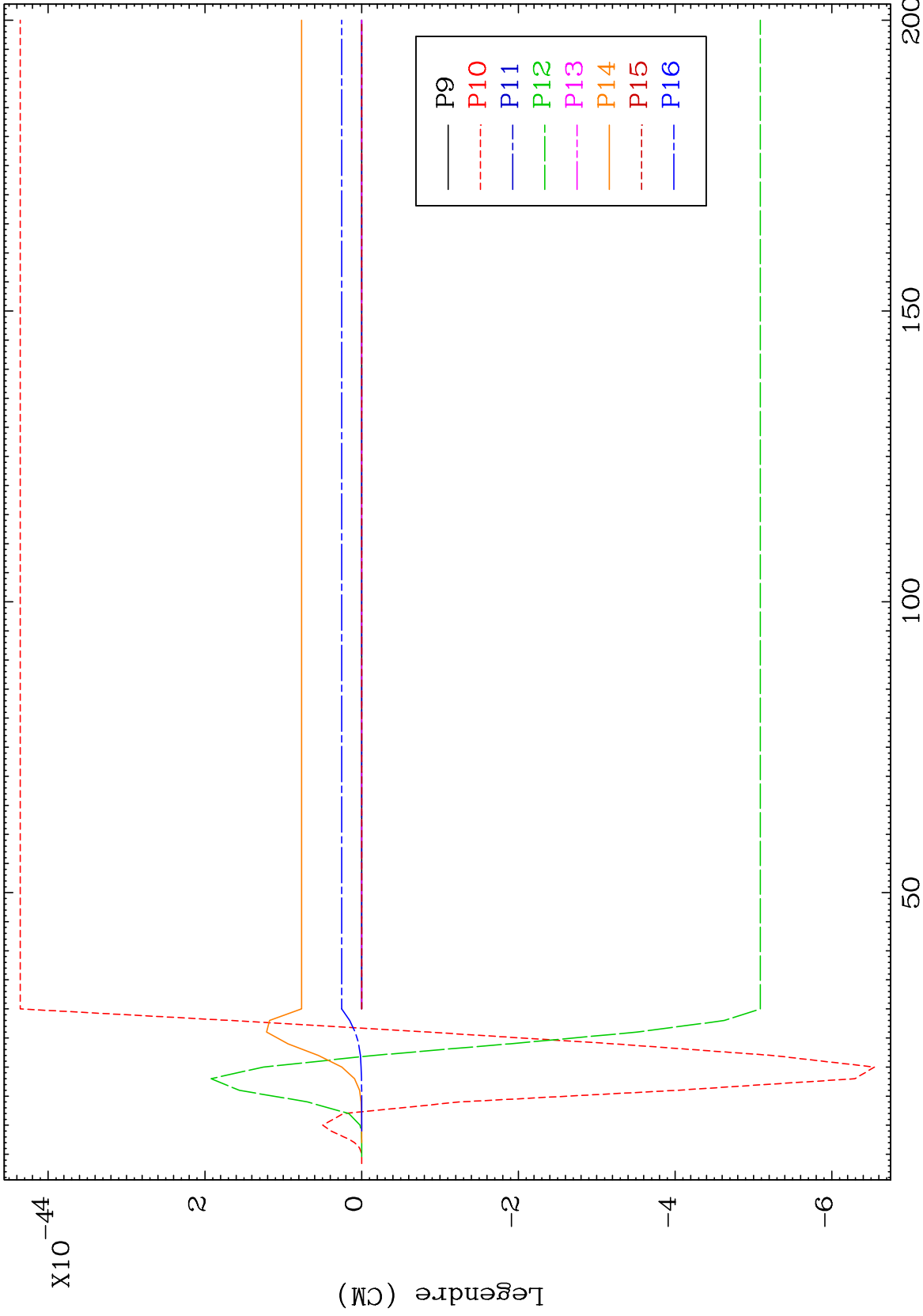
MAT 3061 MT= 67 (n,n') Level Legendre Coefficients 30-Zn-76



MAT 3061

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

30-Zn-76



70

Incident Energy (MeV)

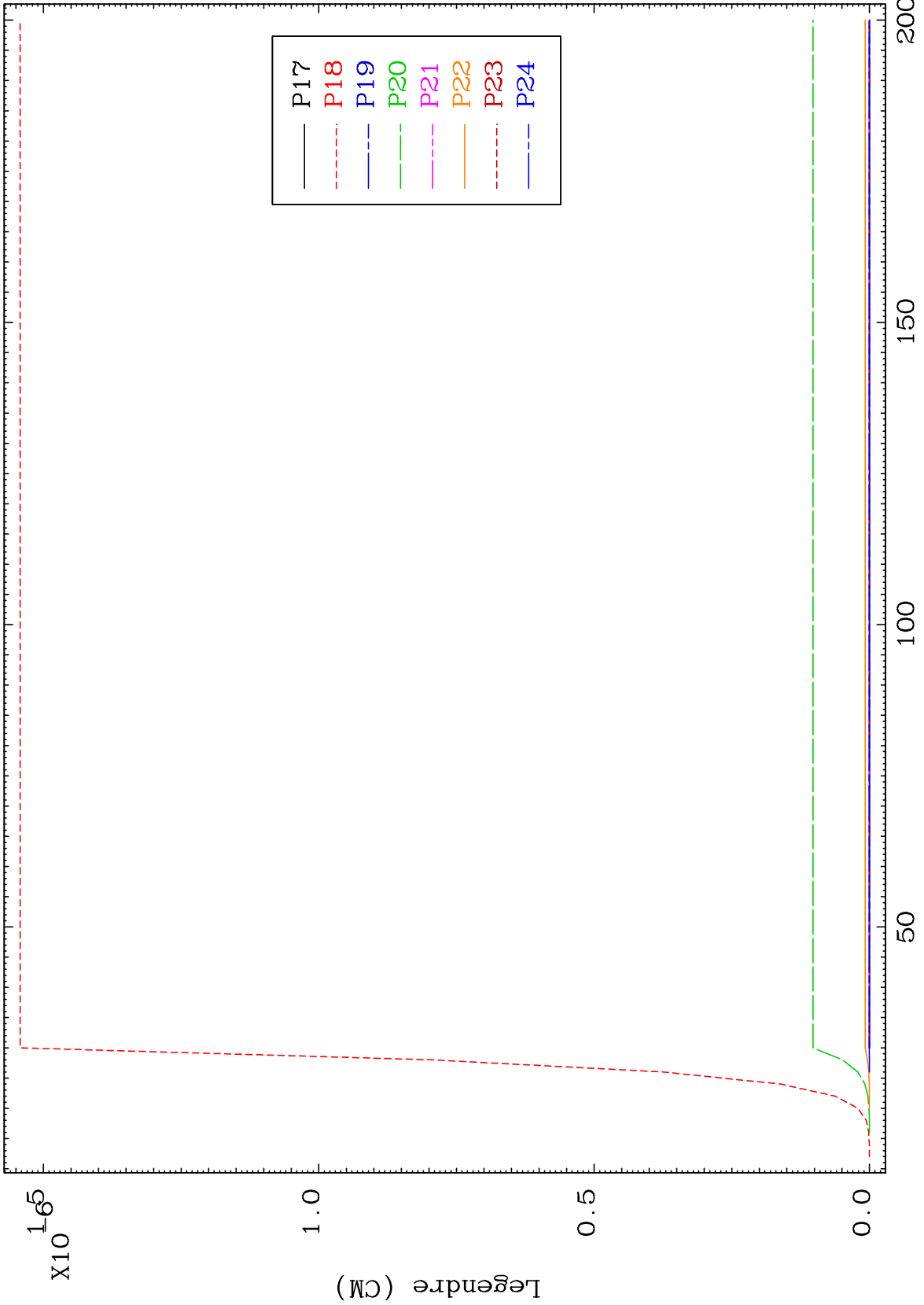
50

150

200

30-Zn-76

MAT 3061 MT= 67 (n,n') Level Legendre Coefficients 30-Zn-76



30-Zn-76

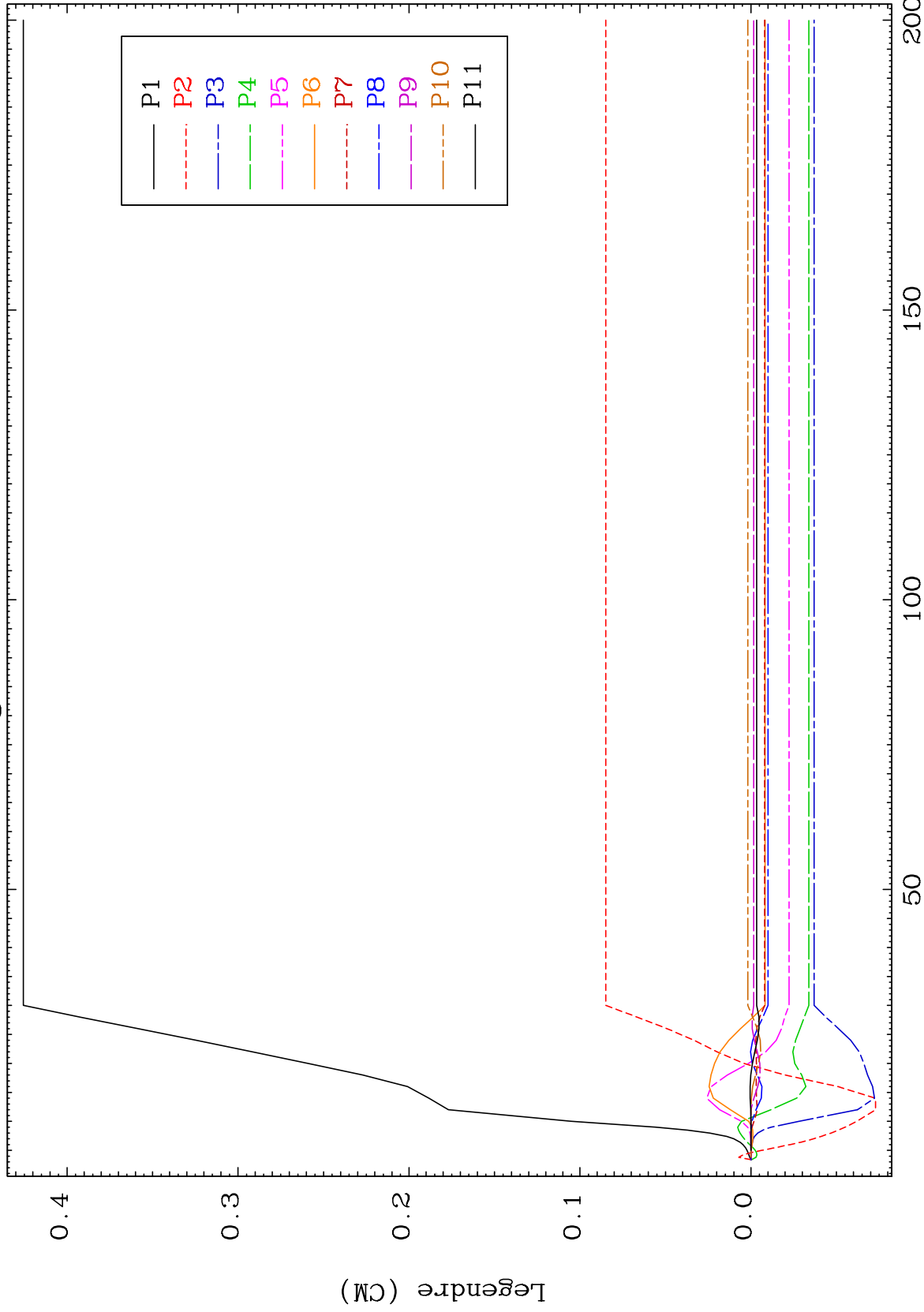
Incident Energy (MeV)

71

MAT 3061

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

30-Zn-76

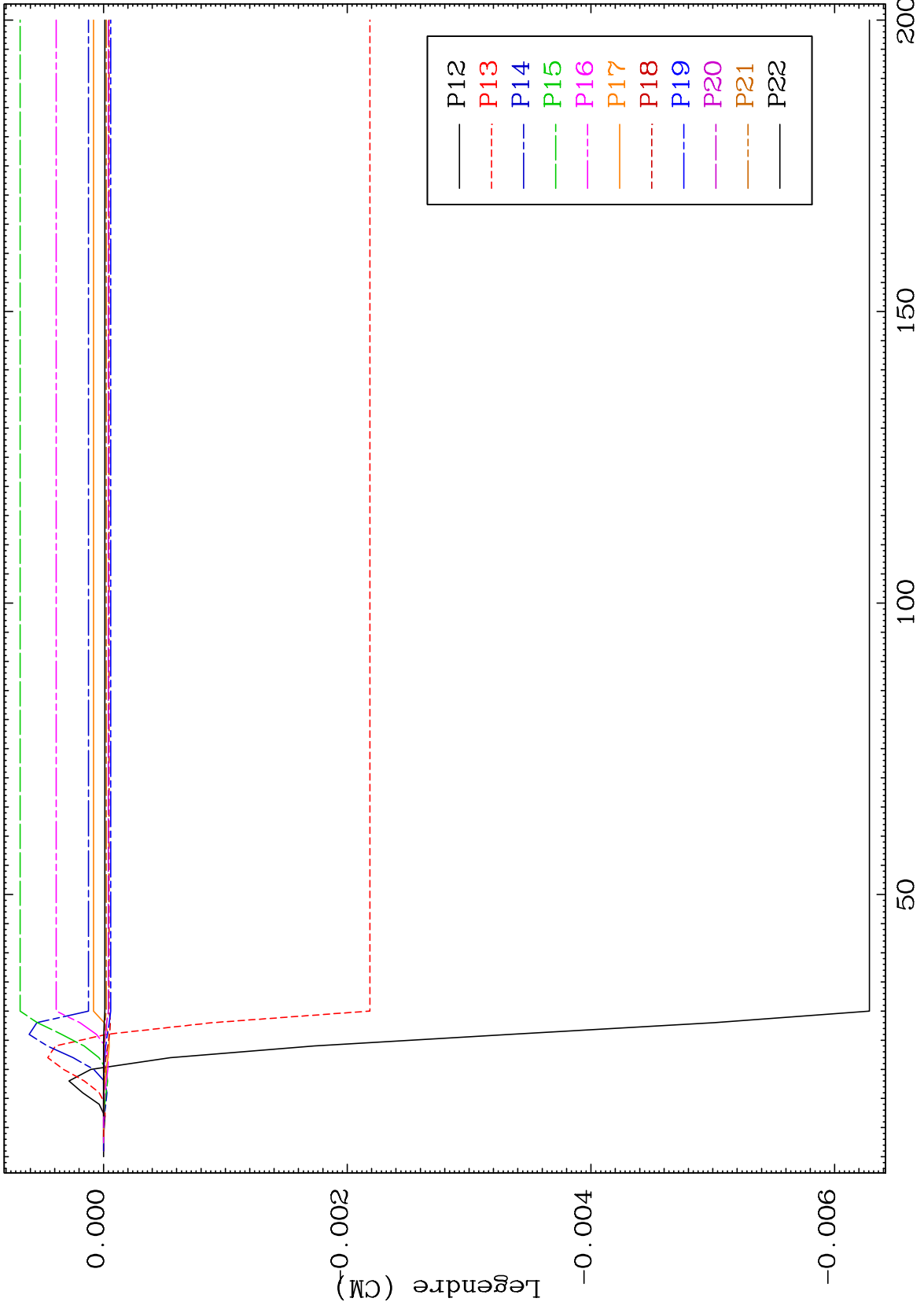


72

Incident Energy (MeV)

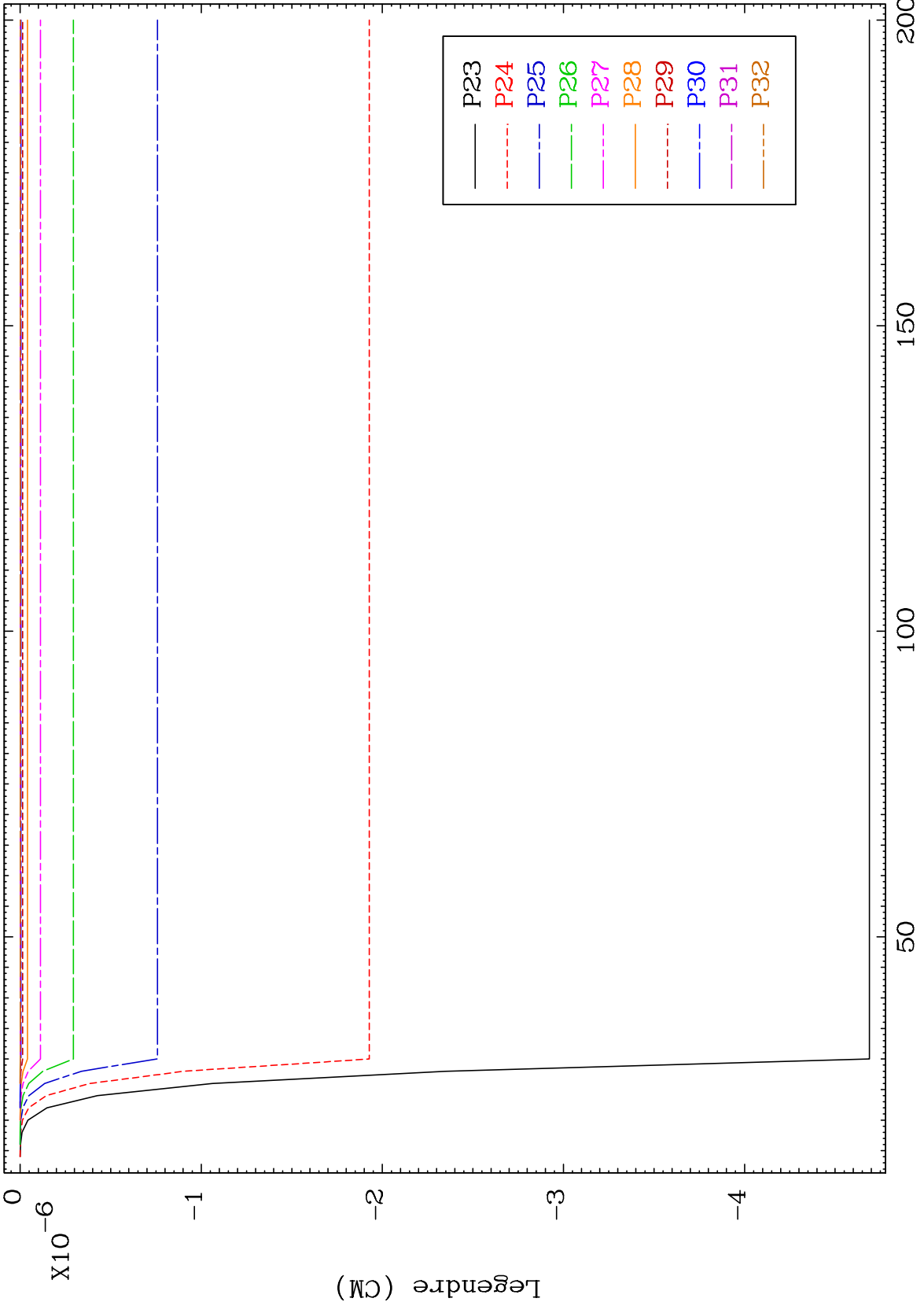
30-Zn-76

MAT 3061 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-76



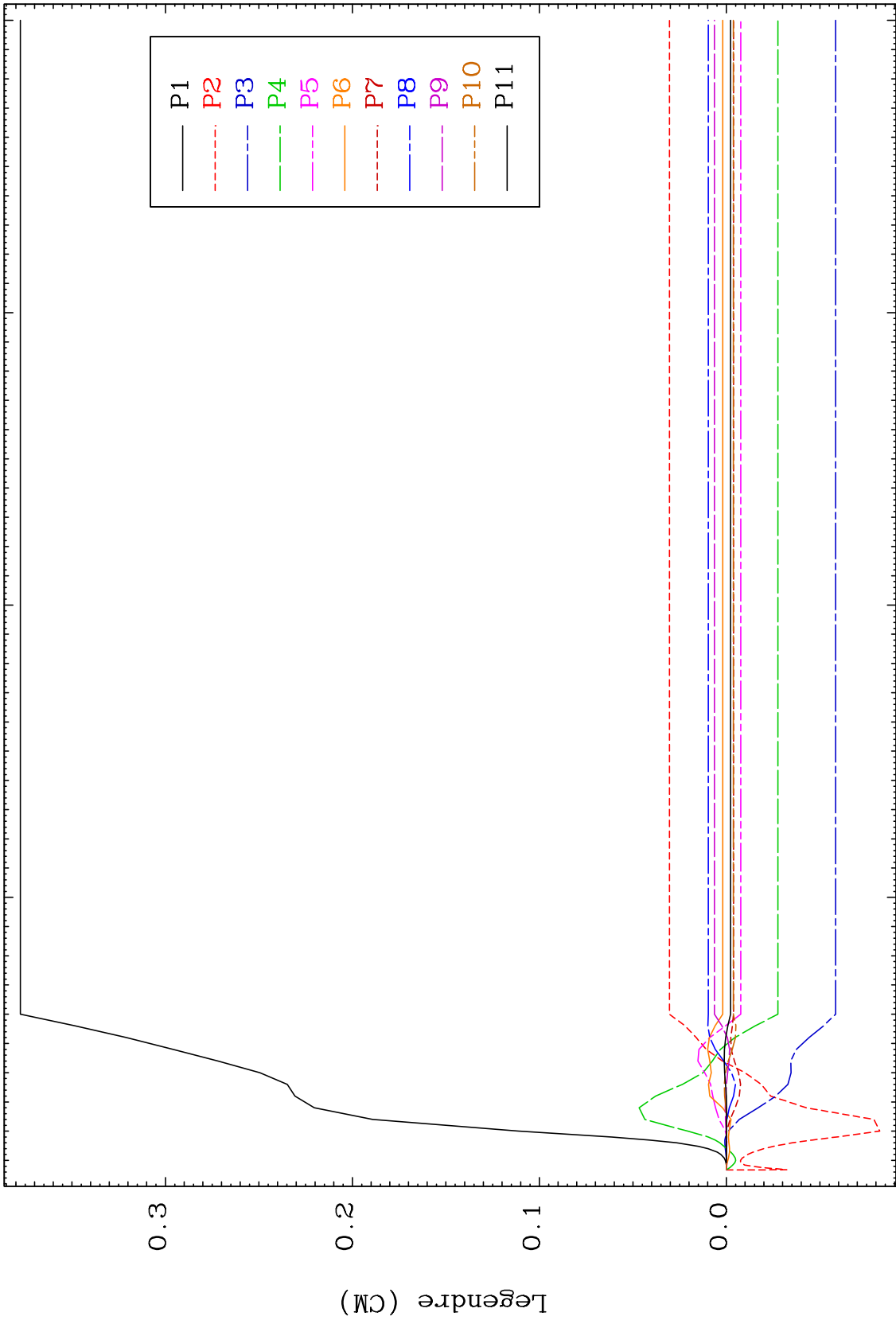
73 30-Zn-76

MAT 3061 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-76



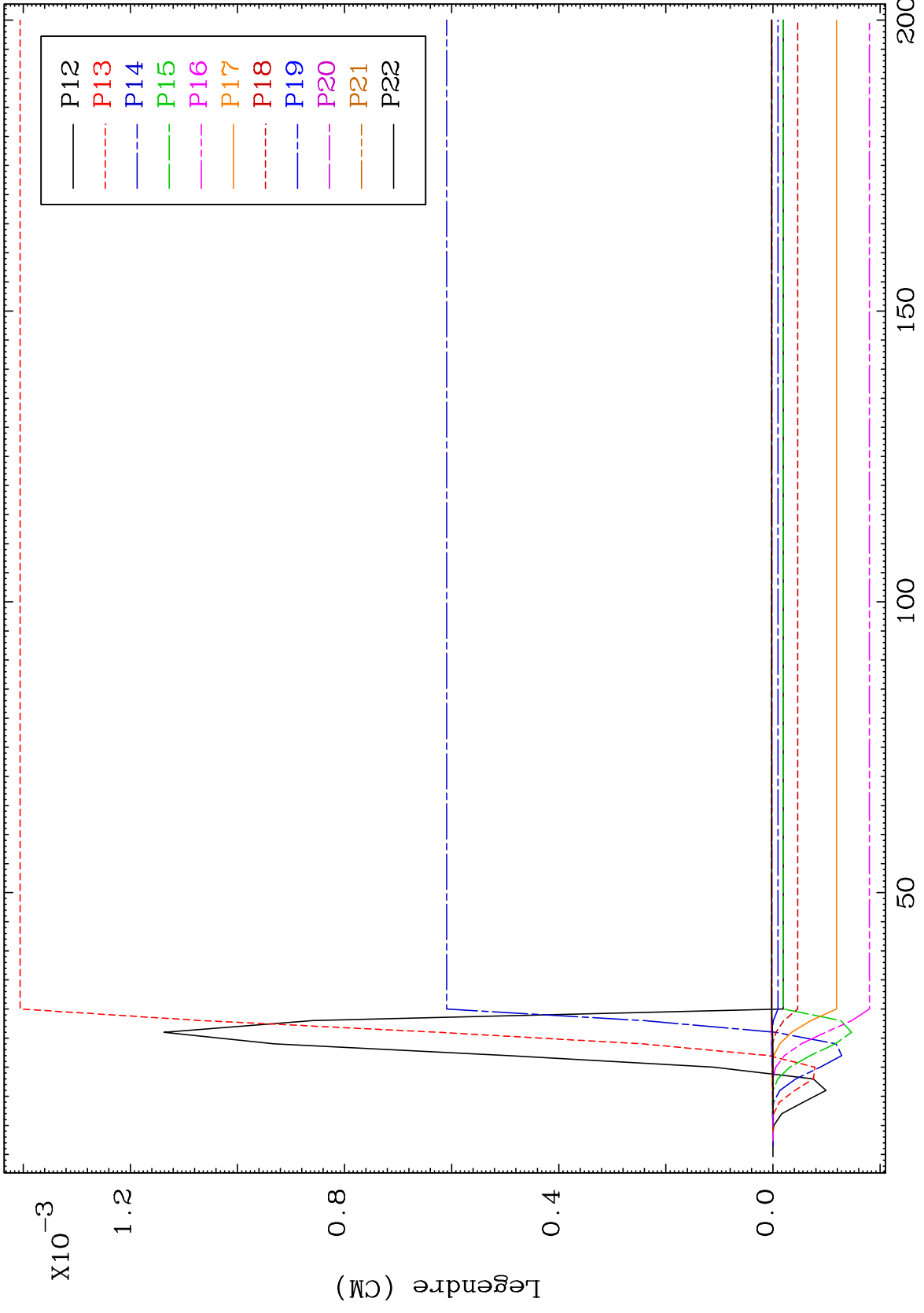
74 30-Zn-76

MAT 3061 MT= 69 (n,n') Level Legendre Coefficients 30-Zn-76



75 Incident Energy (MeV) 30-Zn-76

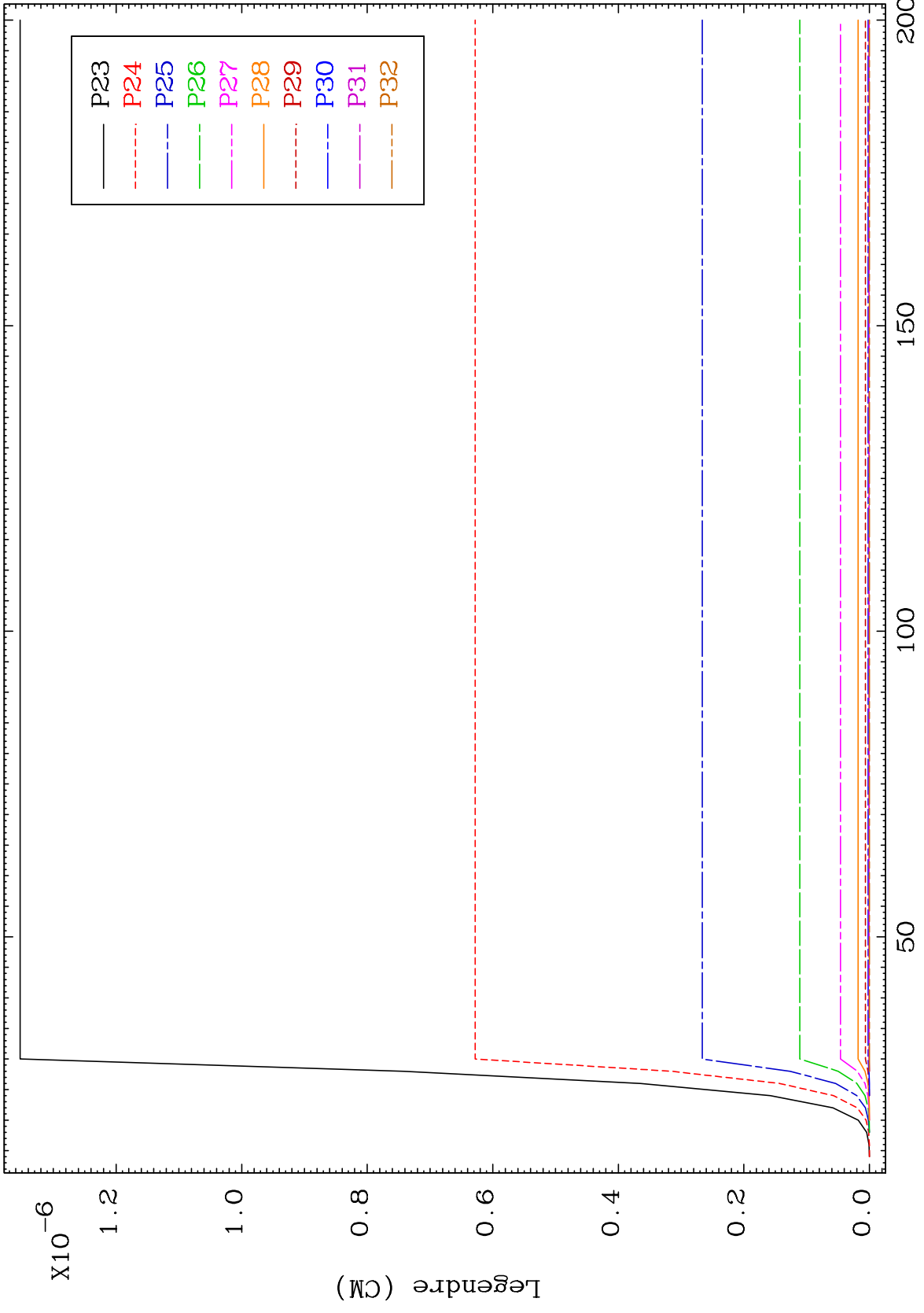
MAT 3061 MT= 69 (n,n') Level Legendre Coefficients 30-Zn-76



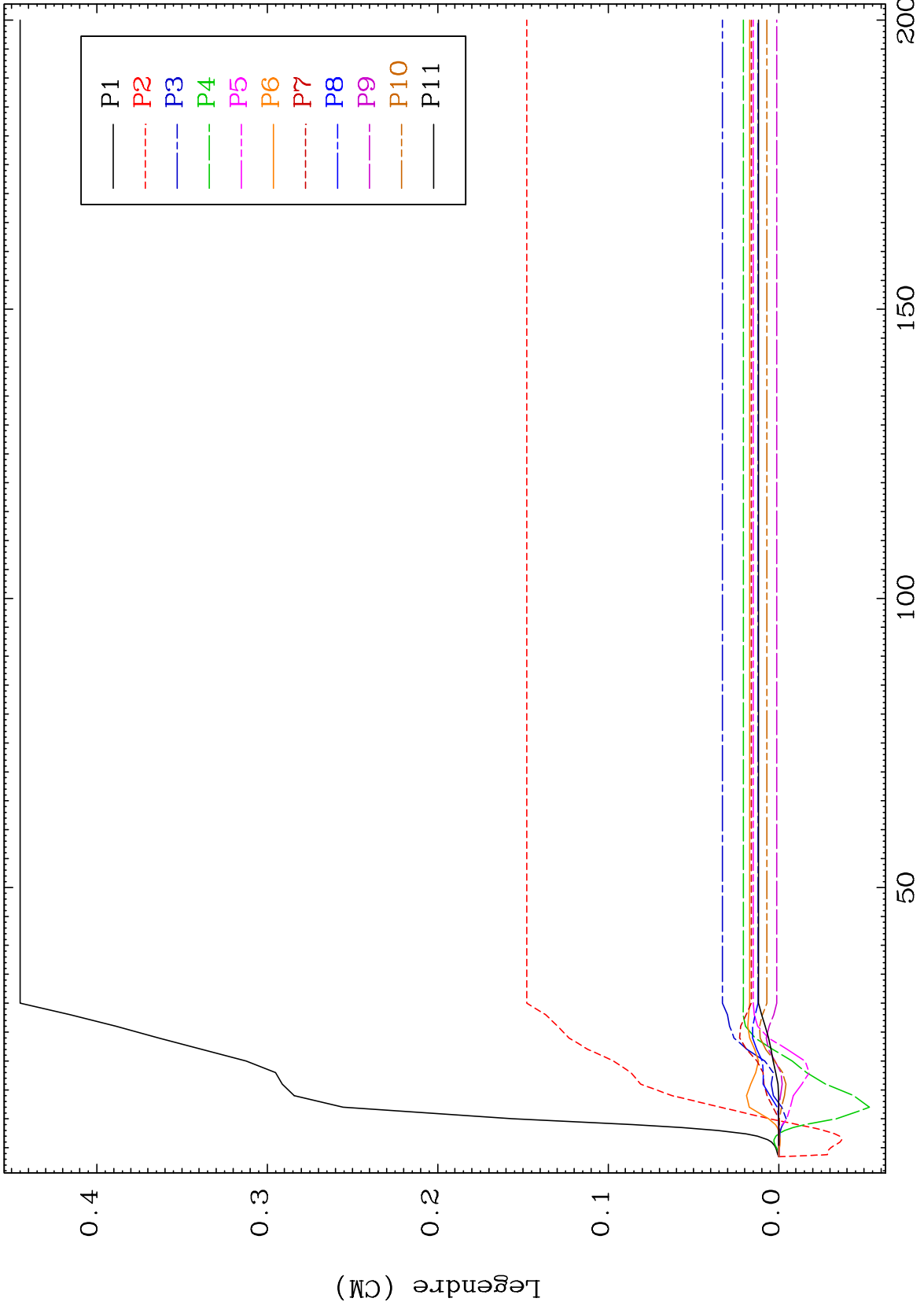
76

30-Zn-76

MAT 3061 MT= 69 (n,n') Level Legendre Coefficients 30-Zn-76

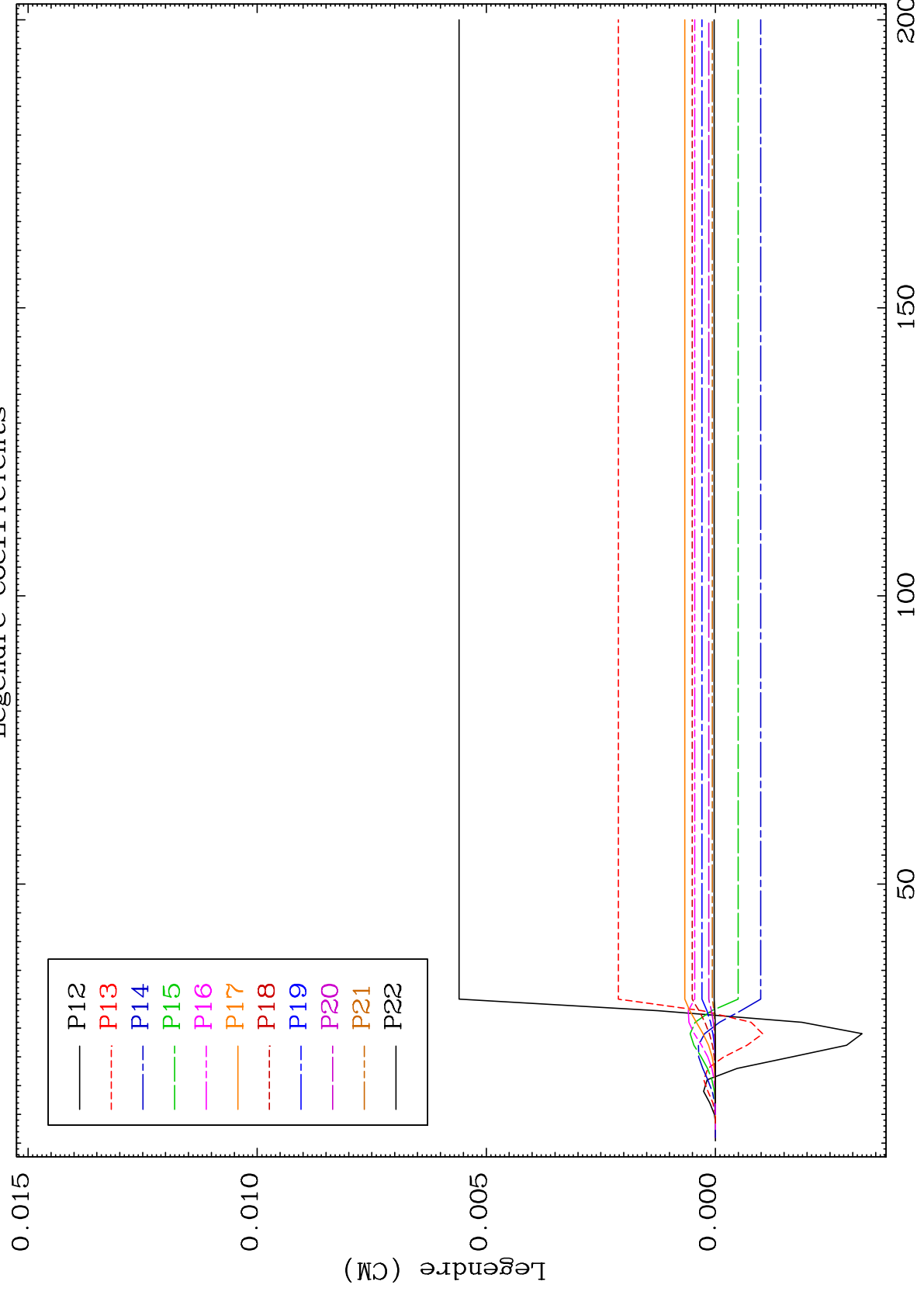


MAT 3061 MT= 70 (n,n') Level Legendre Coefficients 30-Zn-76



78 30-Zn-76

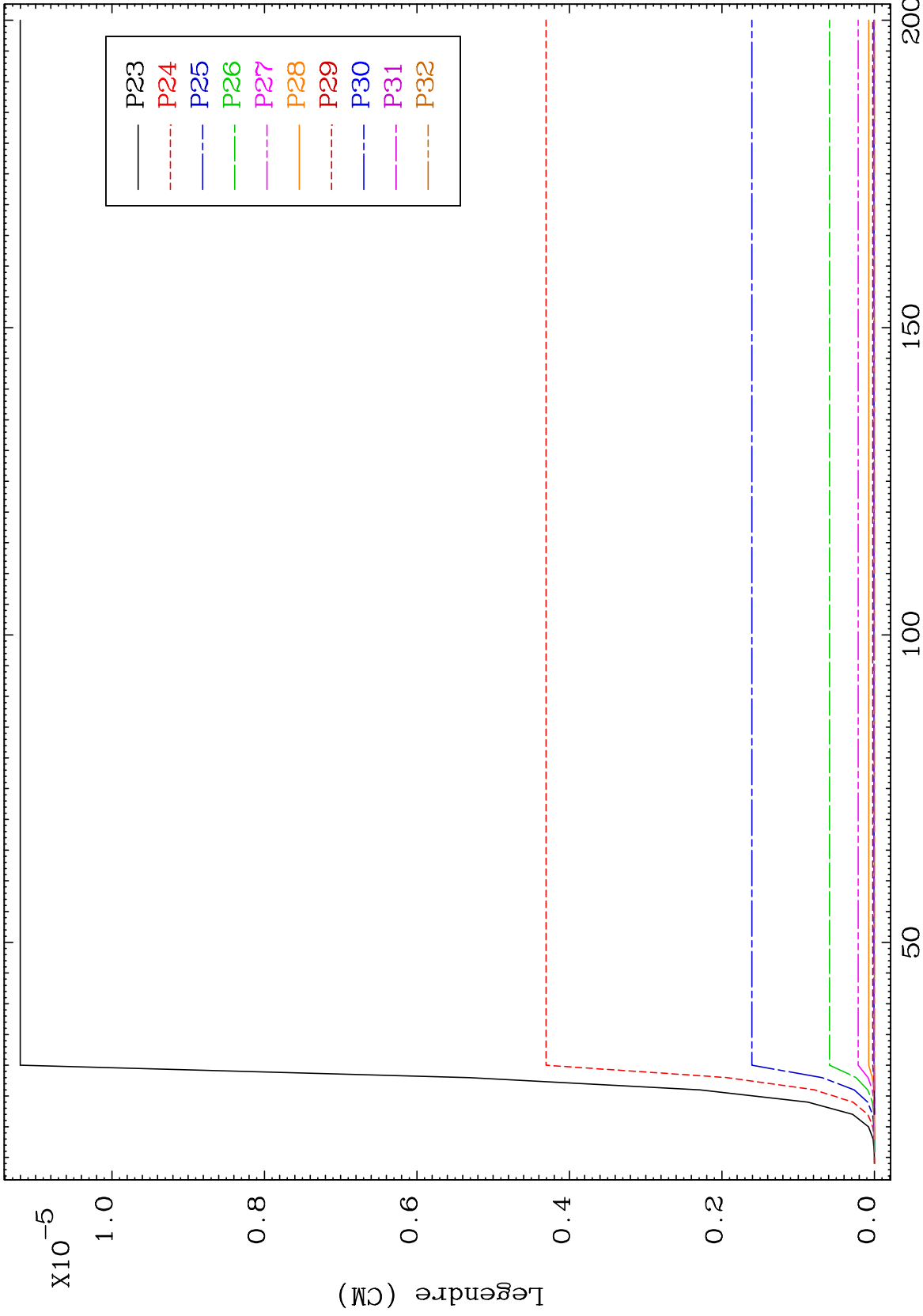
MAT 3061 MT= 70 (n,n') Level Legendre Coefficients 30-Zn-76



MAT 3061

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

30-Zn-76

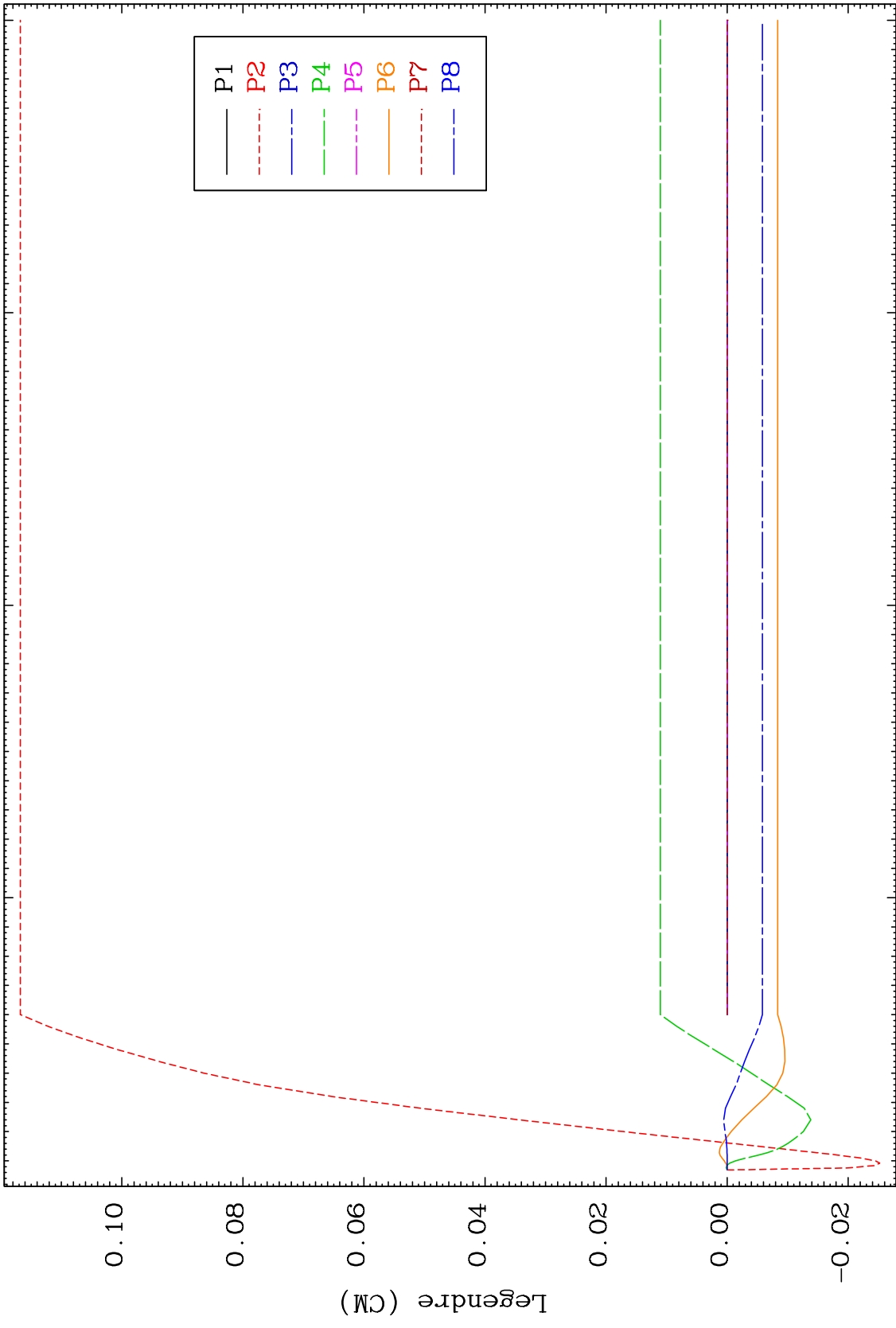


80

Incident Energy (MeV)

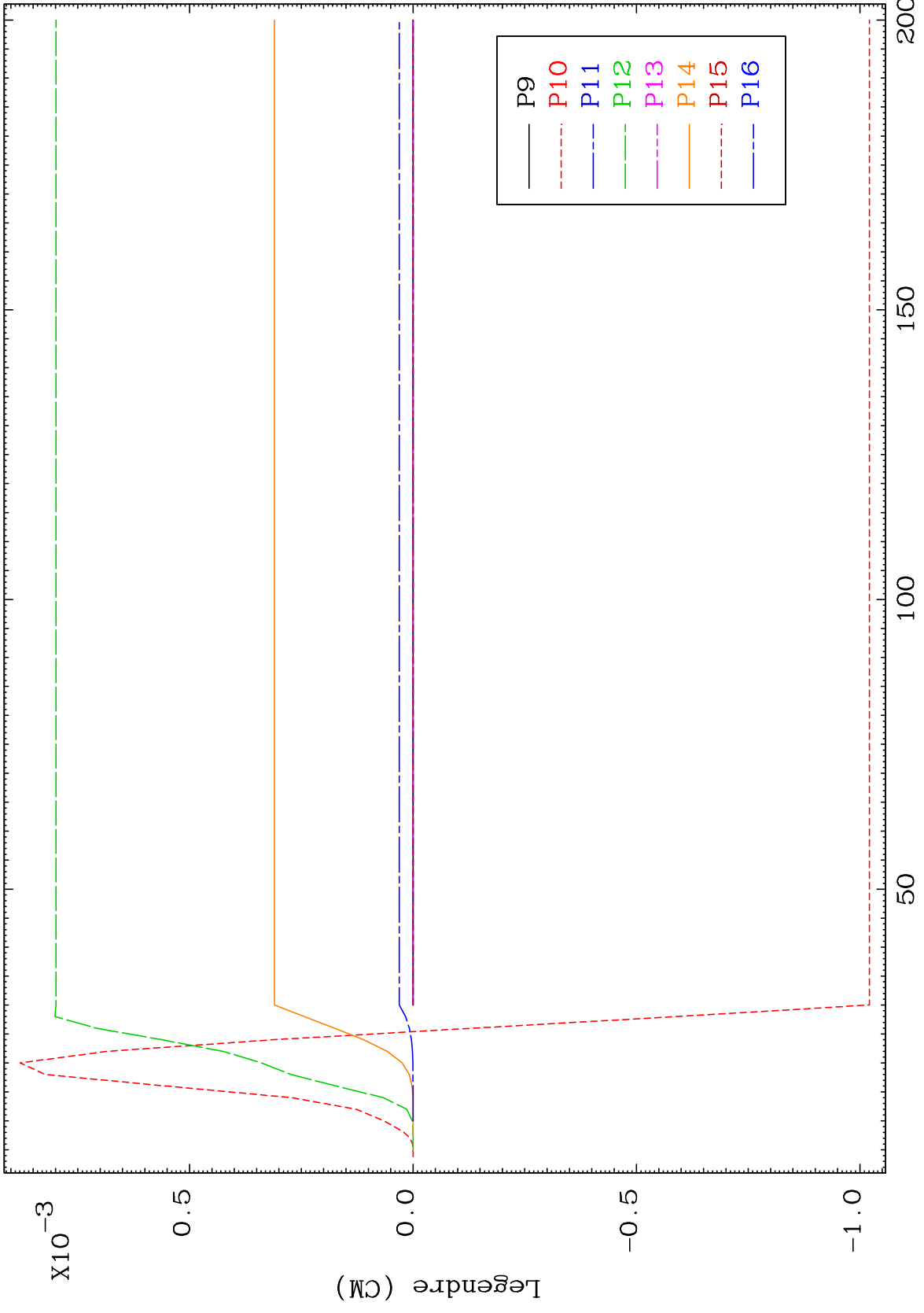
30-Zn-76

MAT 3061 MT= 71 (n,n') Level Legendre Coefficients 30-Zn-76

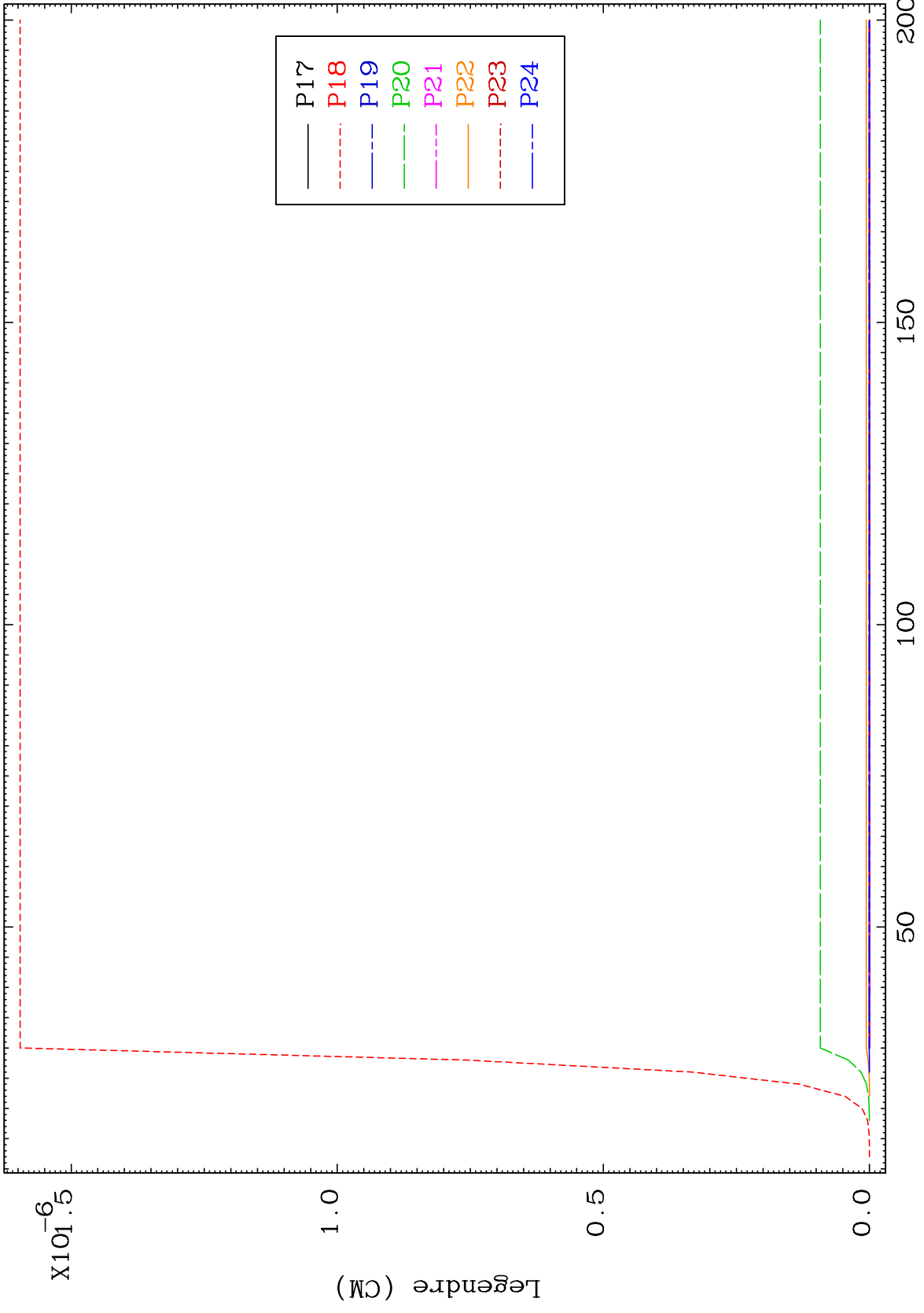


81 30-Zn-76

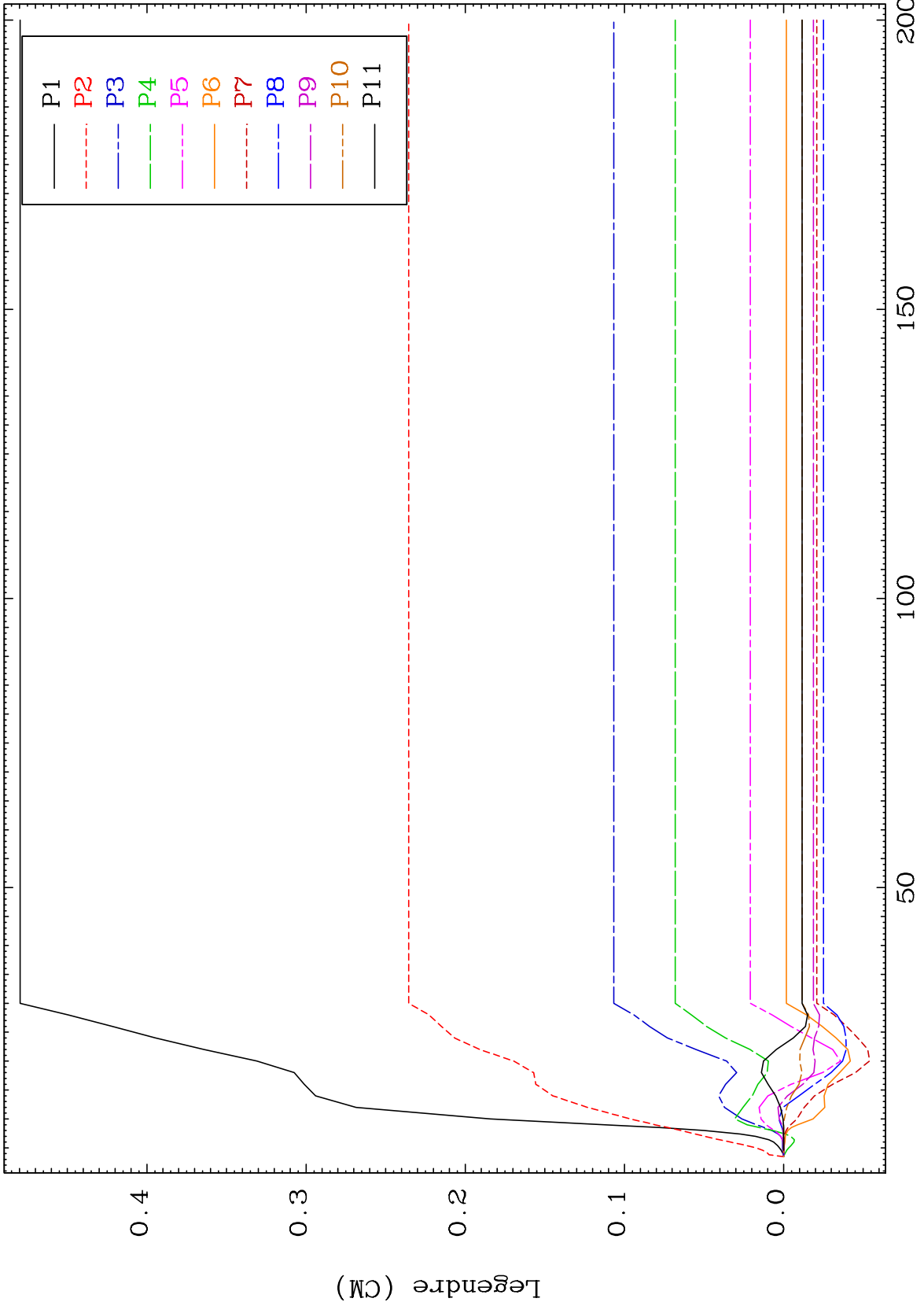
MAT 3061 MT= 71 (n,n') Level Legendre Coefficients 30-Zn-76



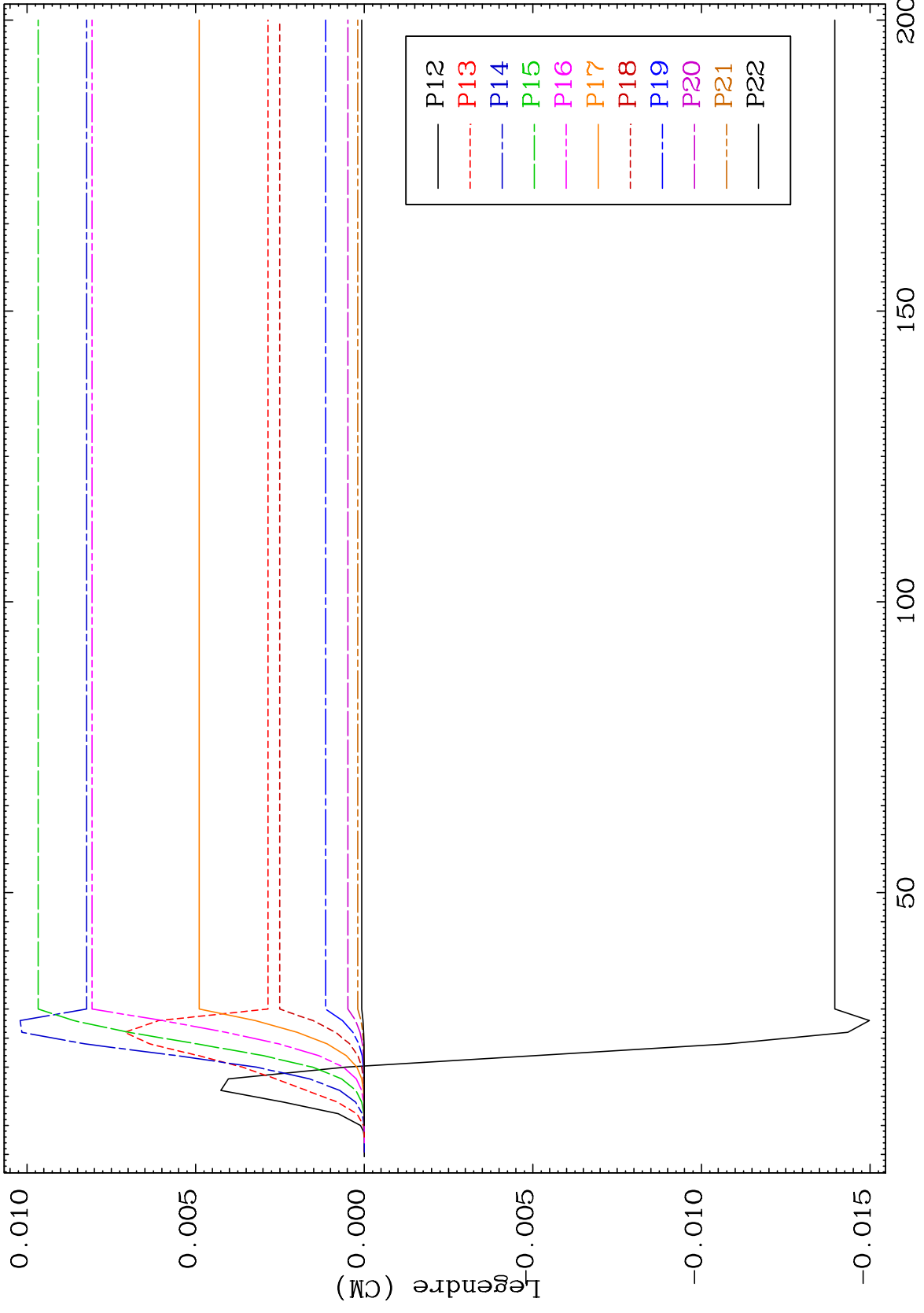
MAT 3061 MT= 71 (n,n') Level Legendre Coefficients 30-Zn-76



MAT 3061 MT= 72 (n,n') Level Legendre Coefficients 30-Zn-76



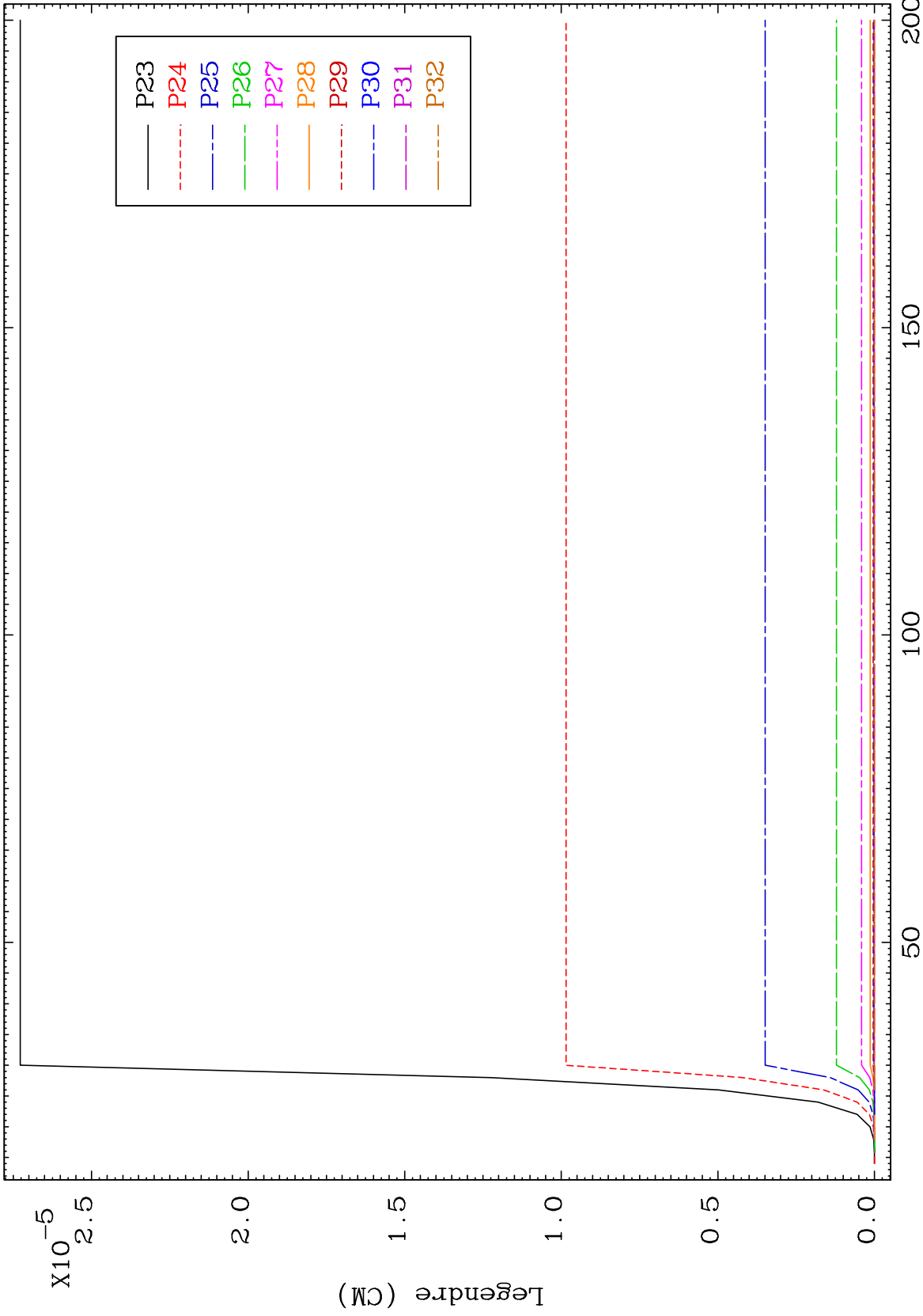
MAT 3061 MT= 72 (n,n') Level Legendre Coefficients 30-Zn-76



MAT 3061

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

30-Zn-76

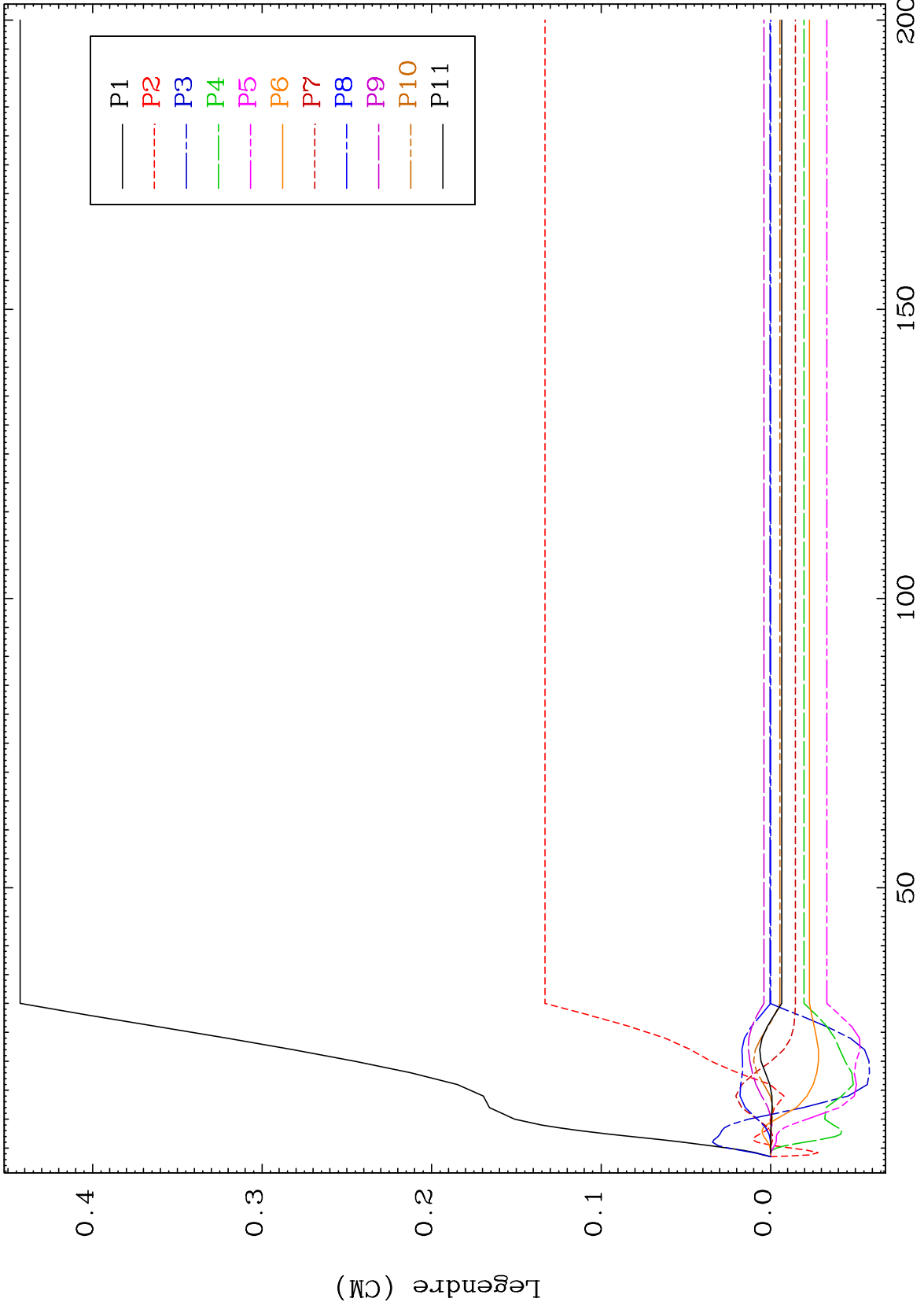


86

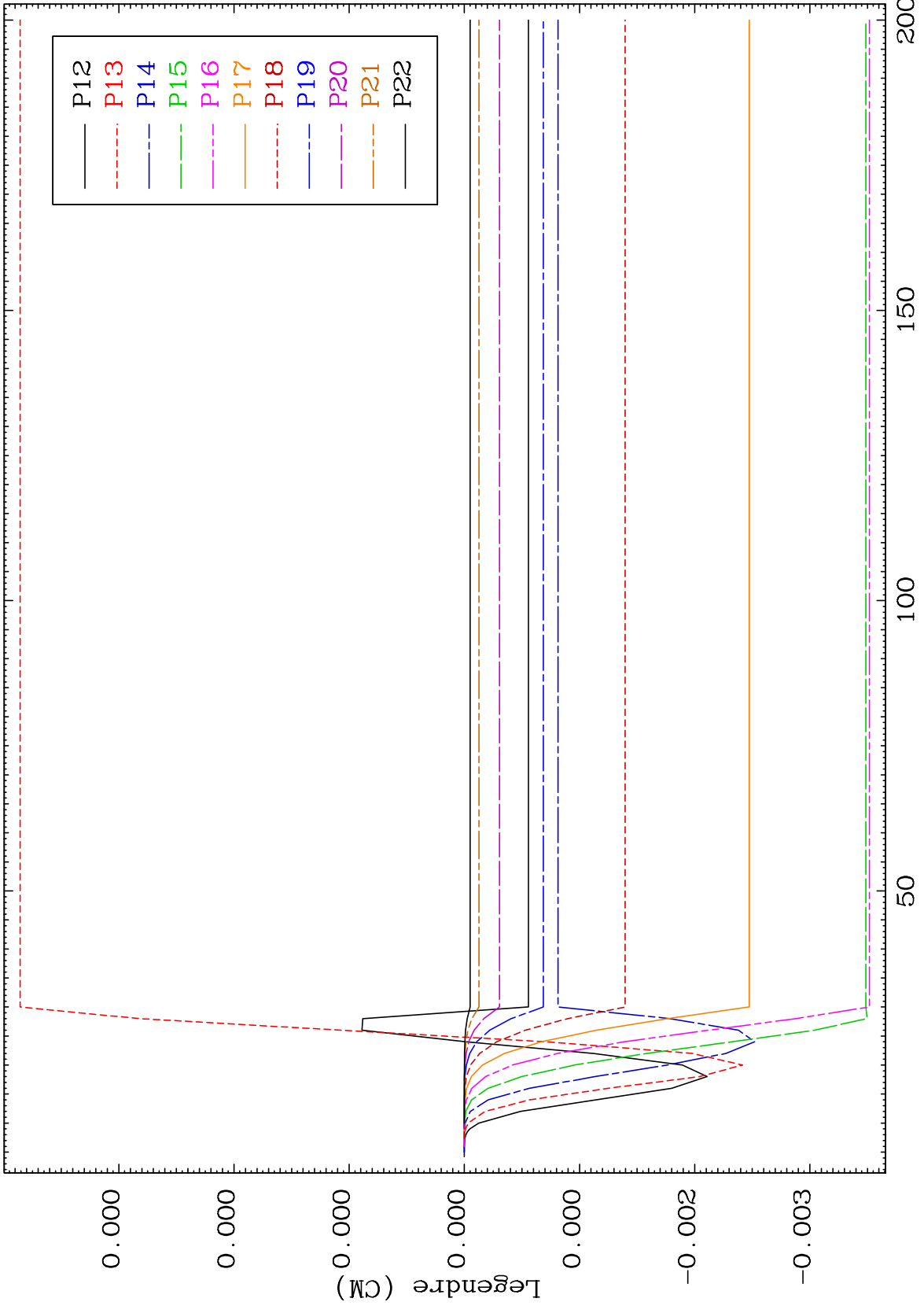
Incident Energy (MeV)

30-Zn-76

MAT 3061 MT= 73 (n,n') Level Legendre Coefficients 30-Zn-76



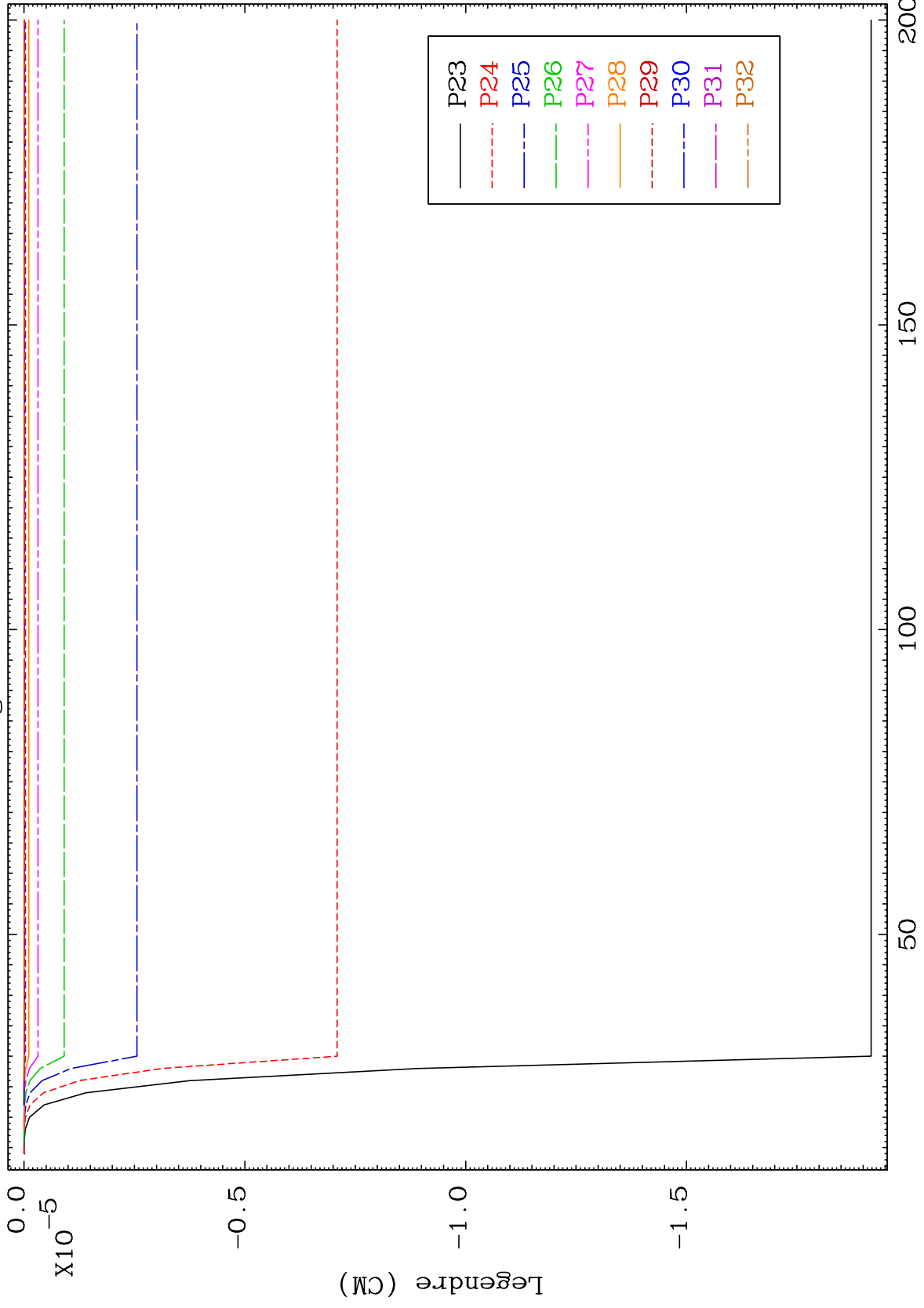
MAT 3061 MT= 73 (n,n') Level Legendre Coefficients 30-Zn-76



MAT 3061

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

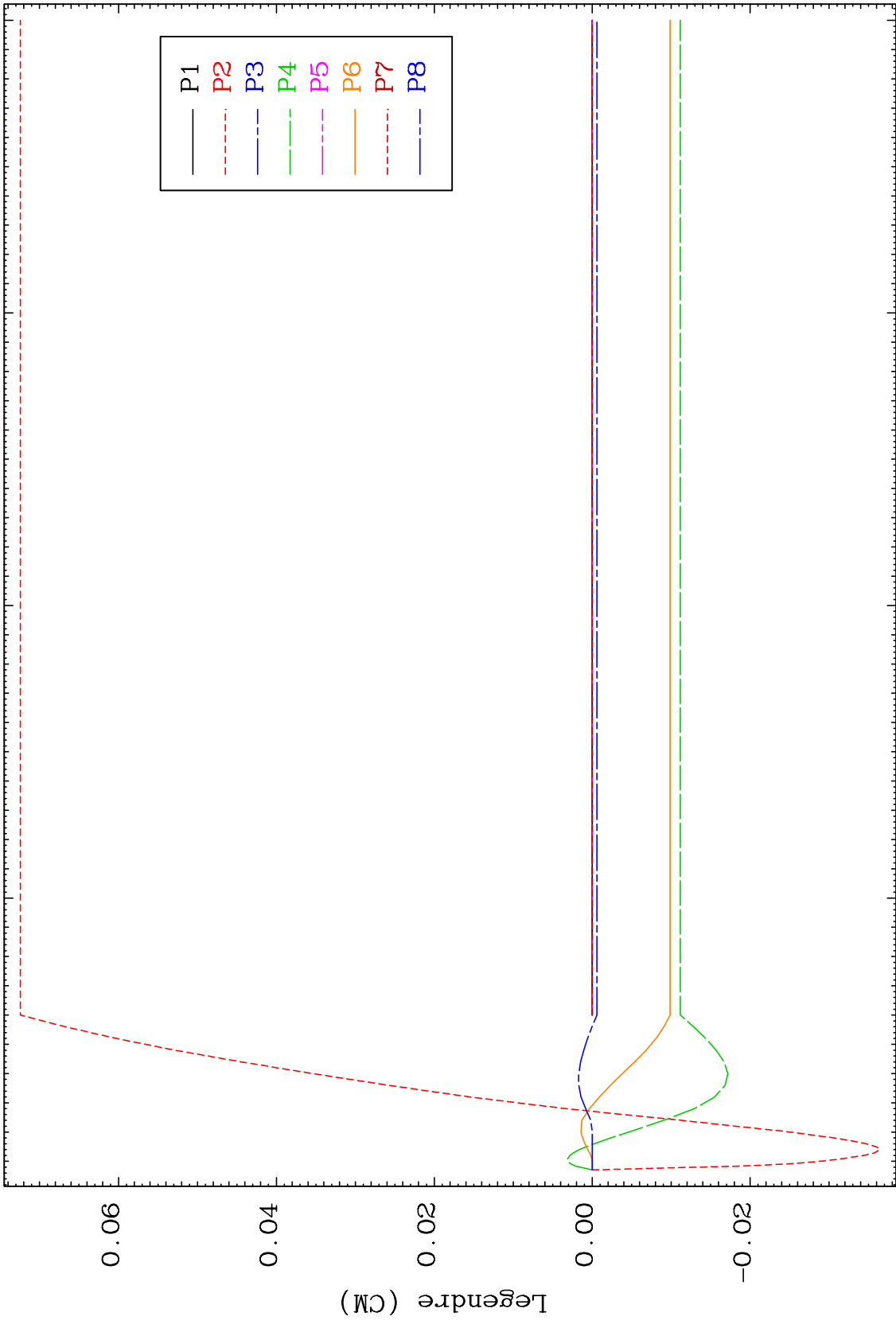
30-Zn-76



89

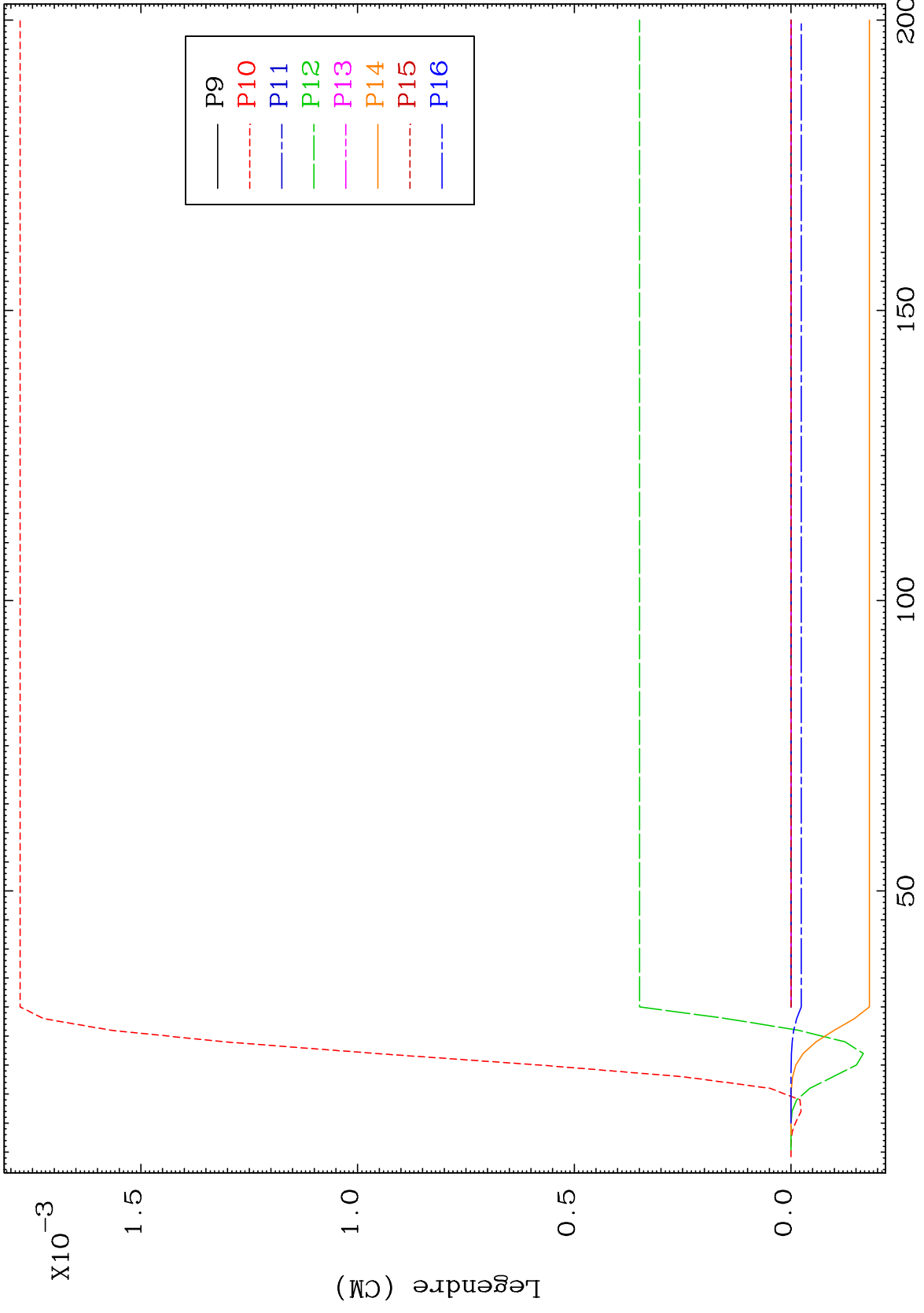
30-Zn-76

MAT 3061 MT= 74 (n,n') Level Legendre Coefficients 30-Zn-76

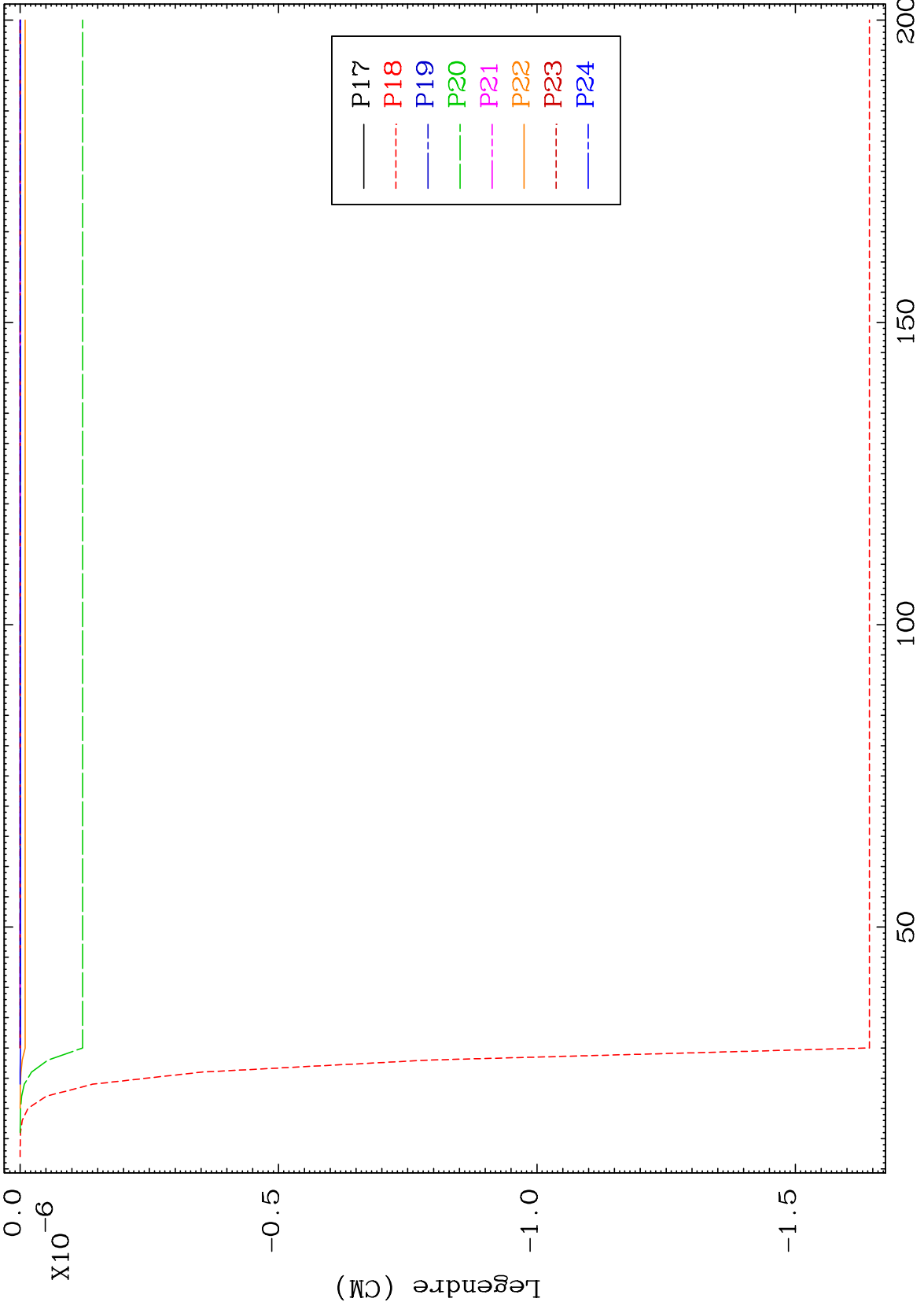


30-Zn-76

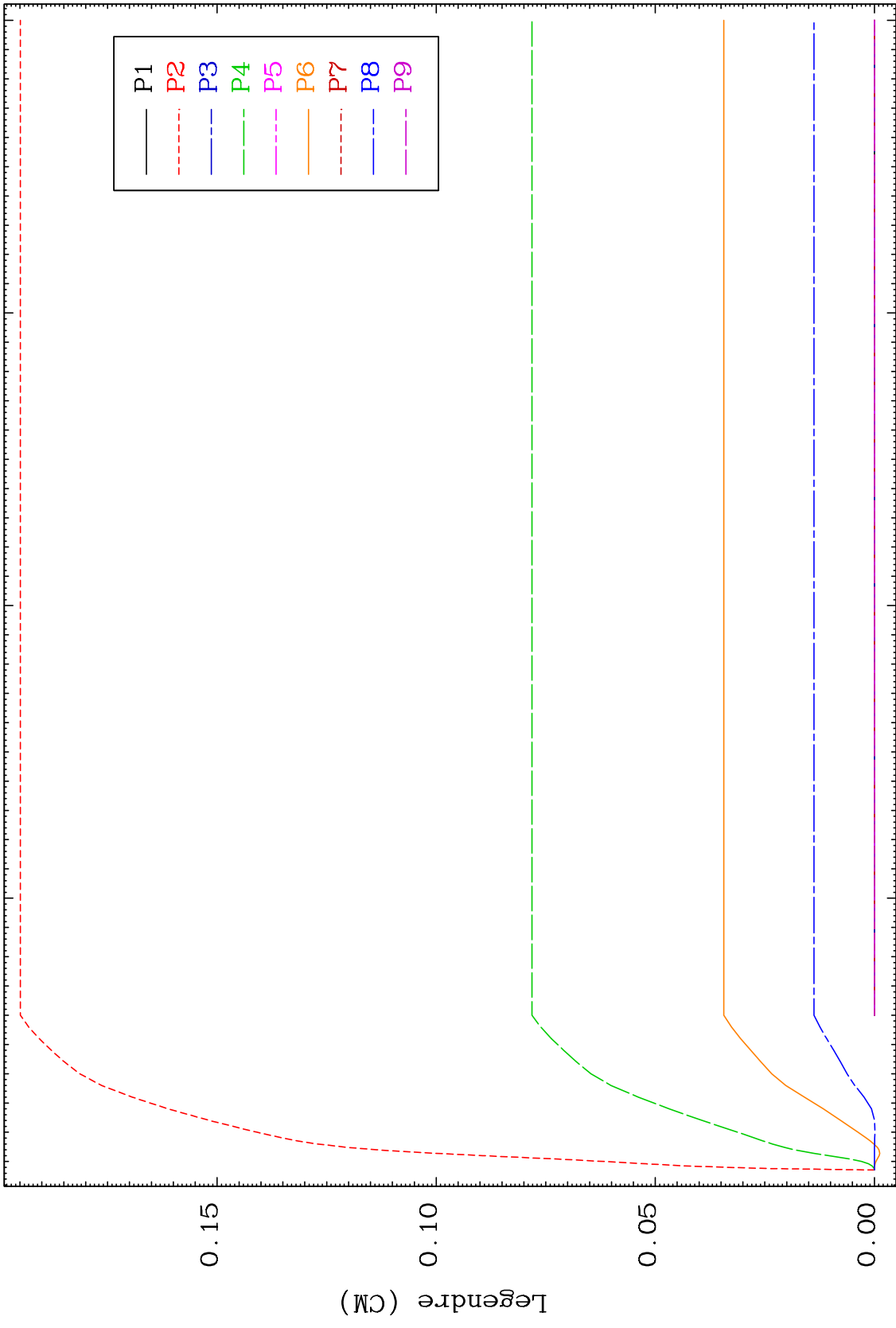
MAT 3061 MT= 74 (n,n') Level Legendre Coefficients 30-Zn-76



MAT 3061 MT= 74 (n,n') Level Legendre Coefficients 30-Zn-76



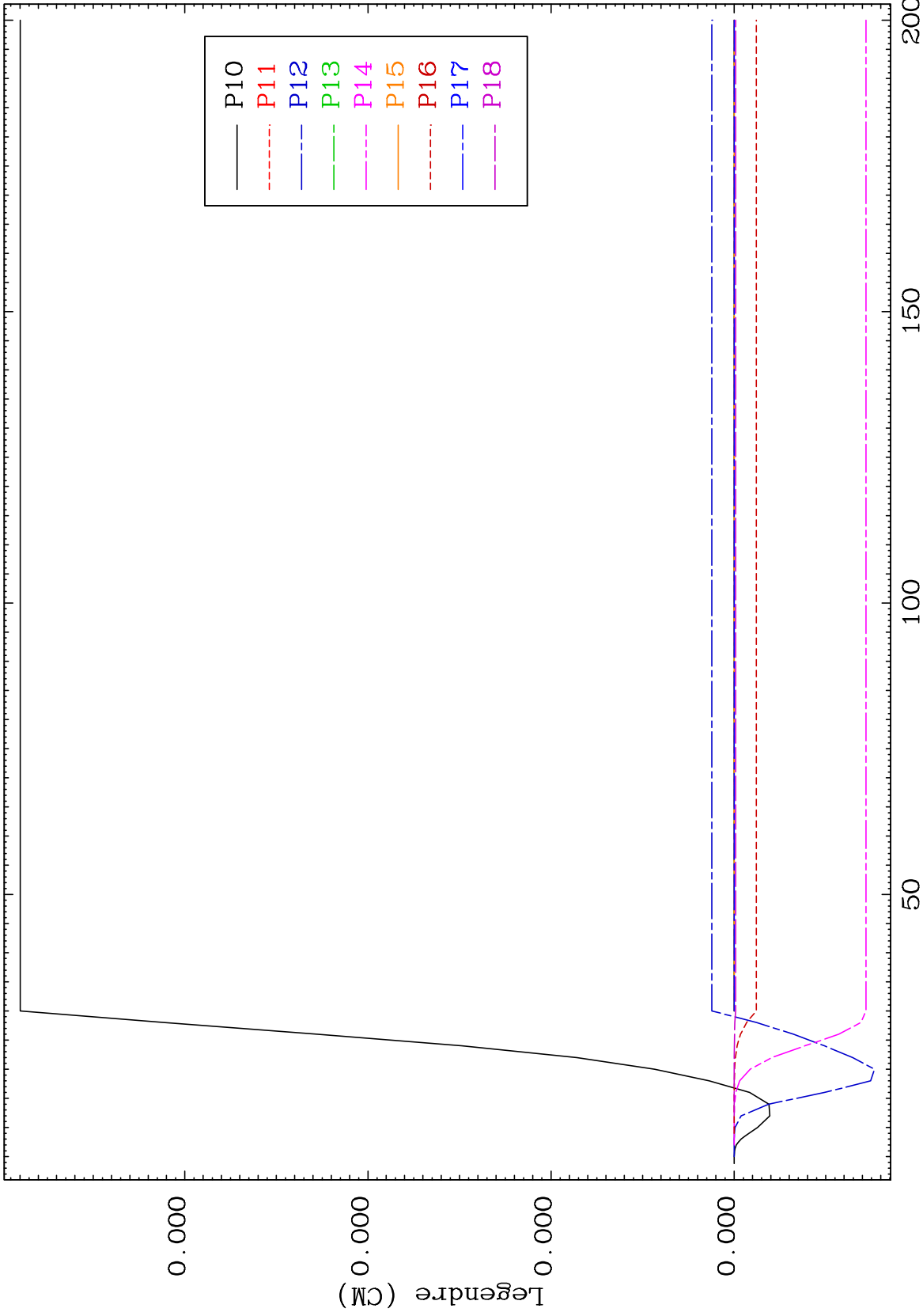
MAT 3061 MT= 75 (n,n') Level Legendre Coefficients 30-Zn-76



MAT 3061

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

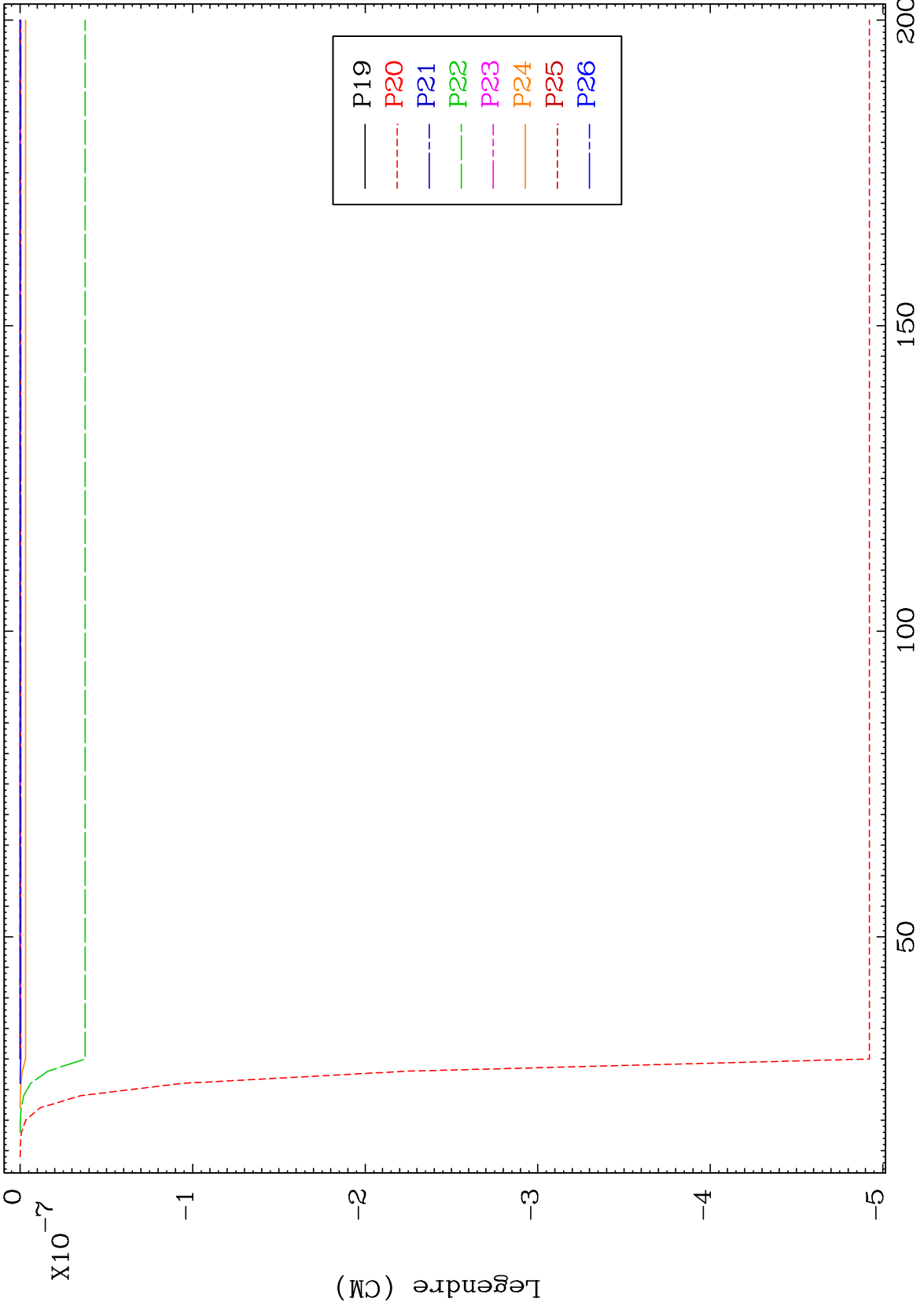
30-Zn-76



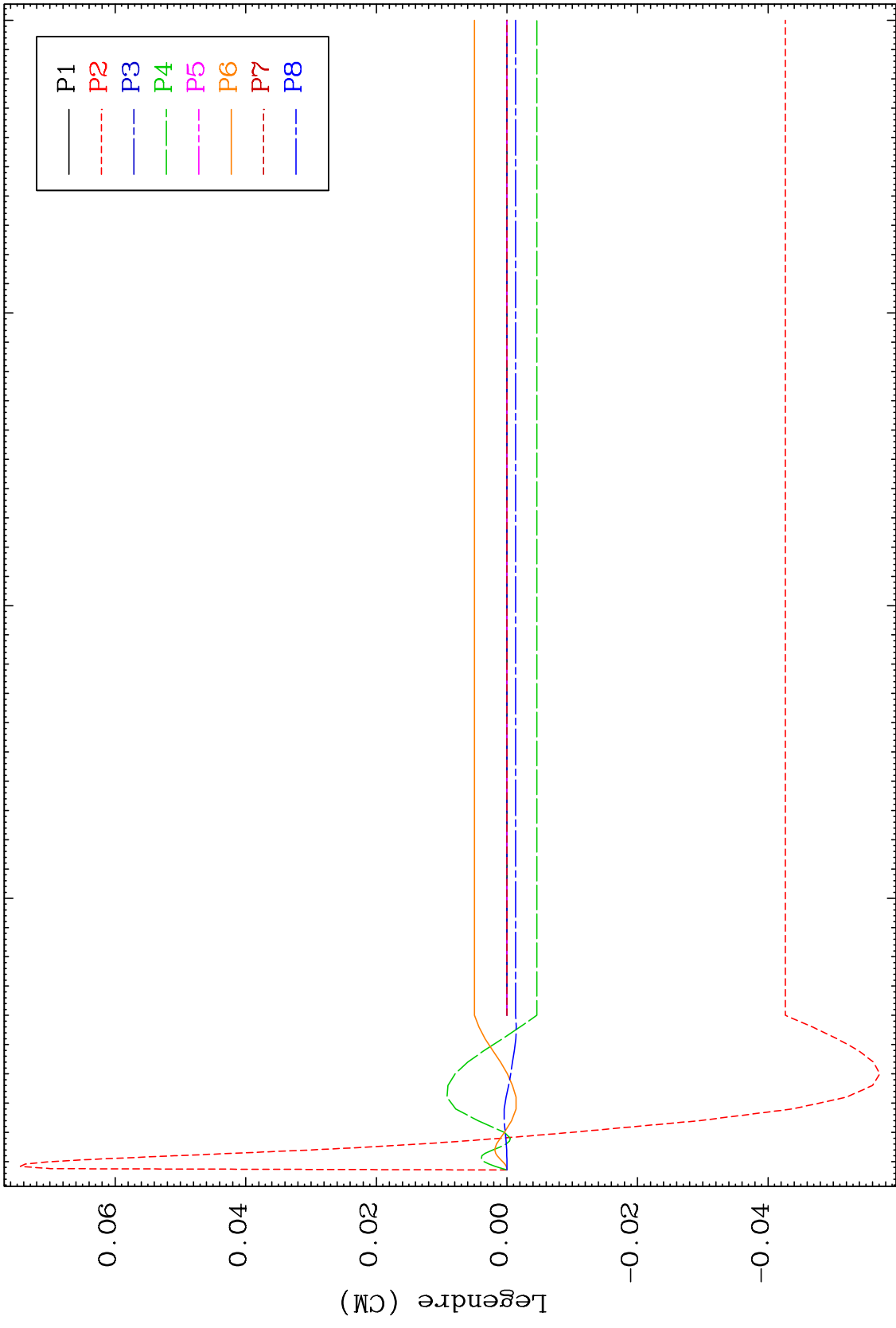
94

30-Zn-76

MAT 3061 MT= 75 (n,n') Level Legendre Coefficients 30-Zn-76



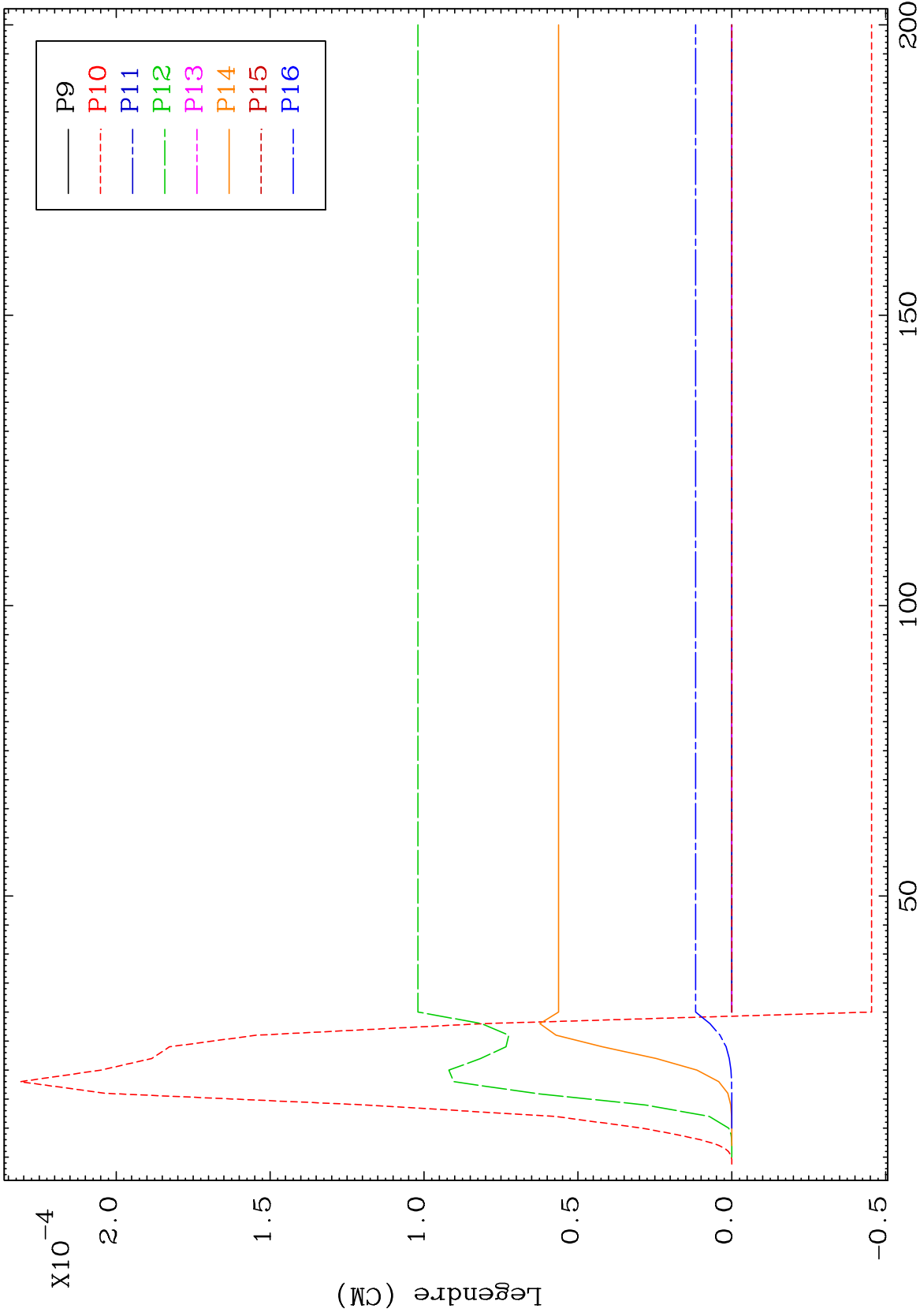
MAT 3061 MT= 76 (n,n') Level Legendre Coefficients 30-Zn-76



MAT 3061

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

30-Zn-76

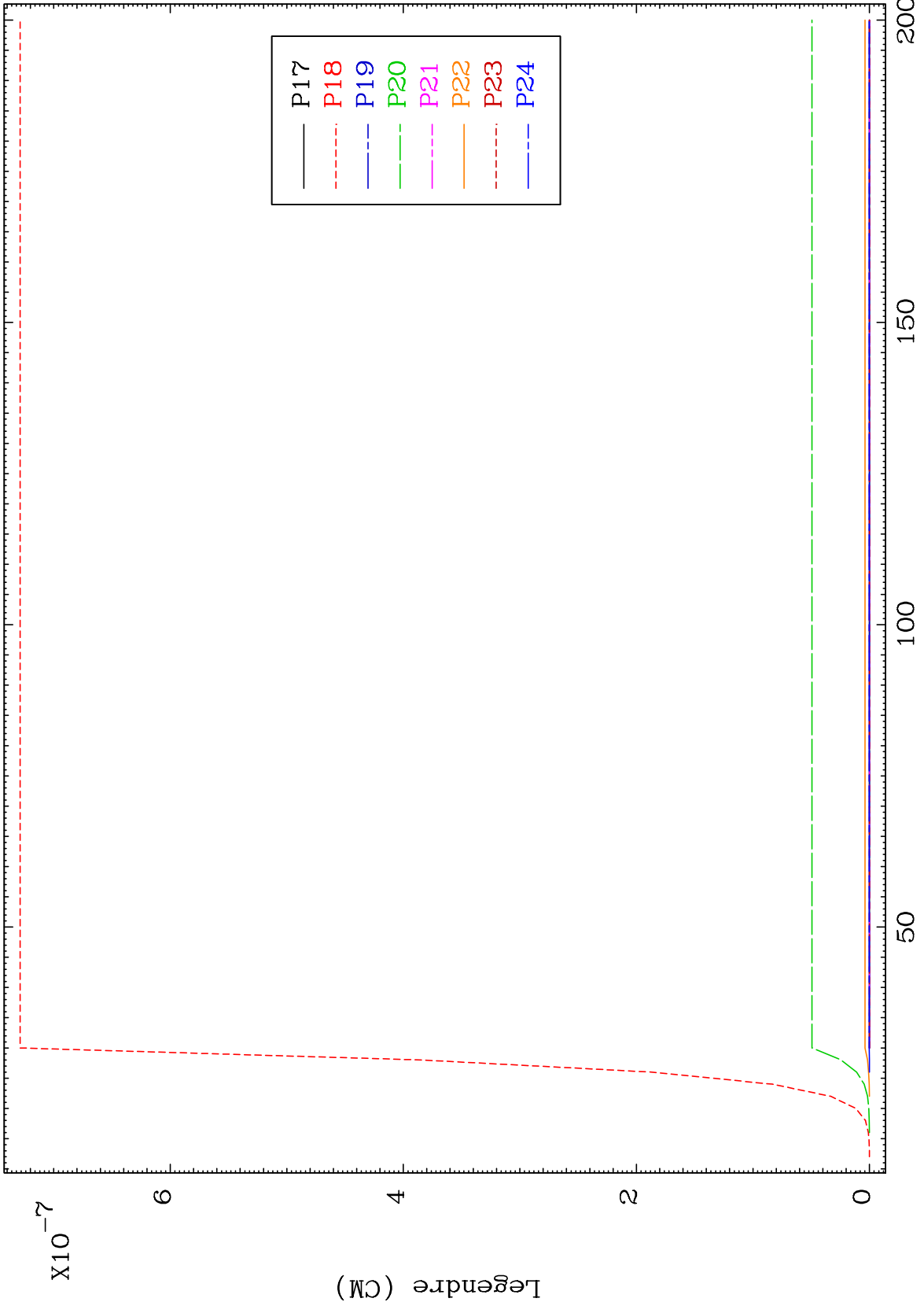


97

Incident Energy (MeV)

30-Zn-76

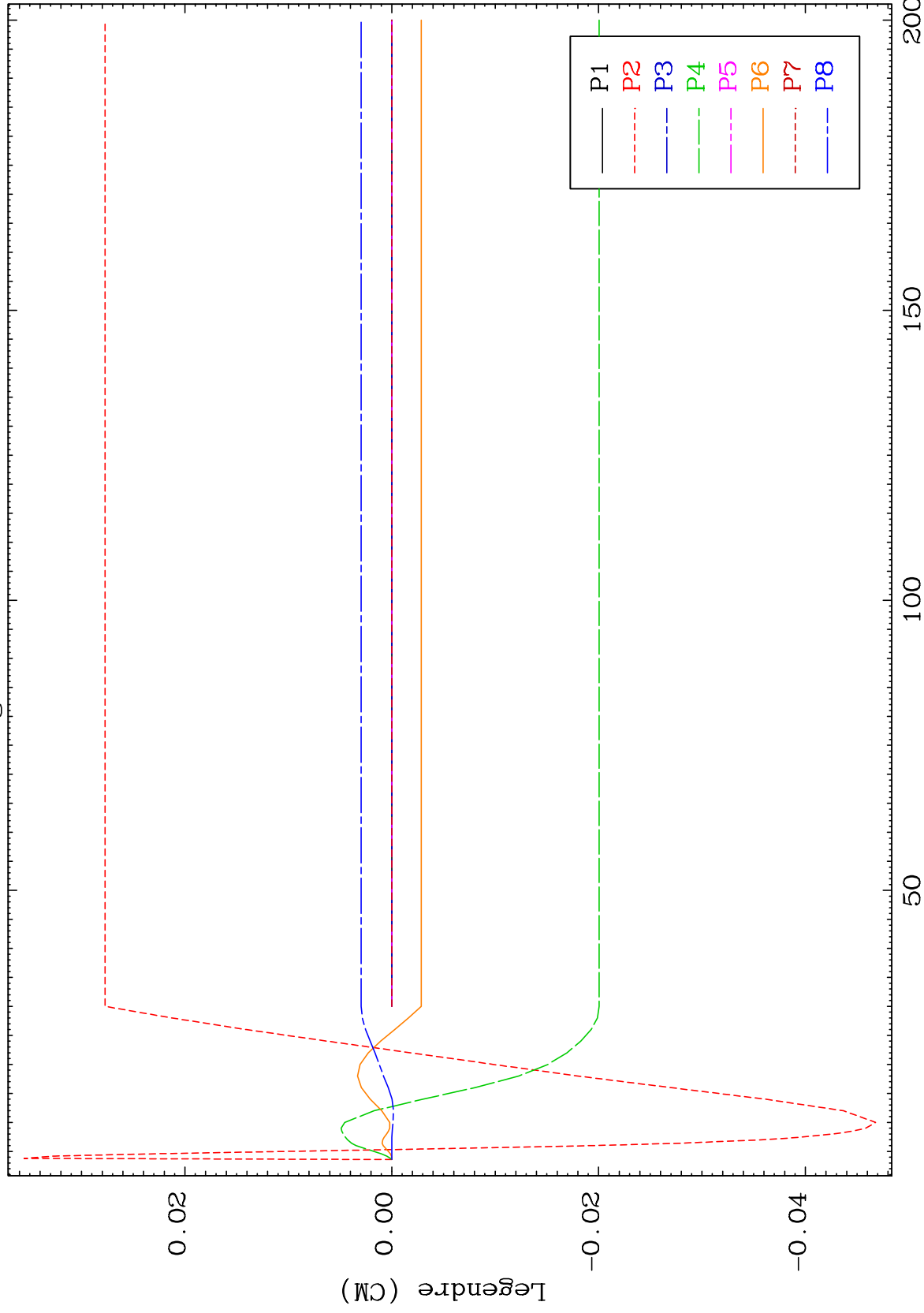
MAT 3061 MT= 76 (n,n') Level Legendre Coefficients 30-Zn-76



MAT 3061

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

30-Zn-76



99

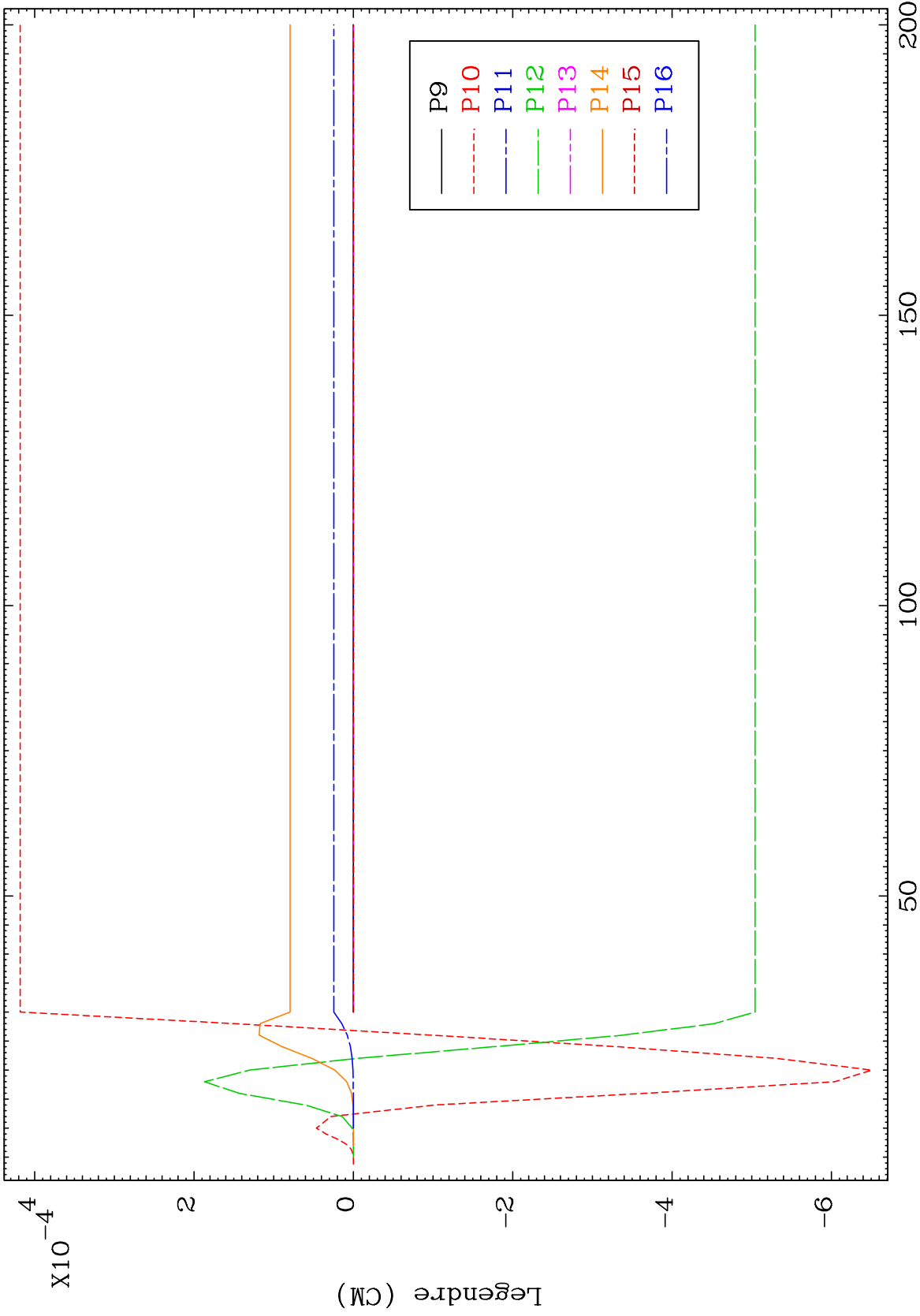
Incident Energy (MeV)

30-Zn-76

MAT 3061

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

30-Zn-76



100

Incident Energy (MeV)

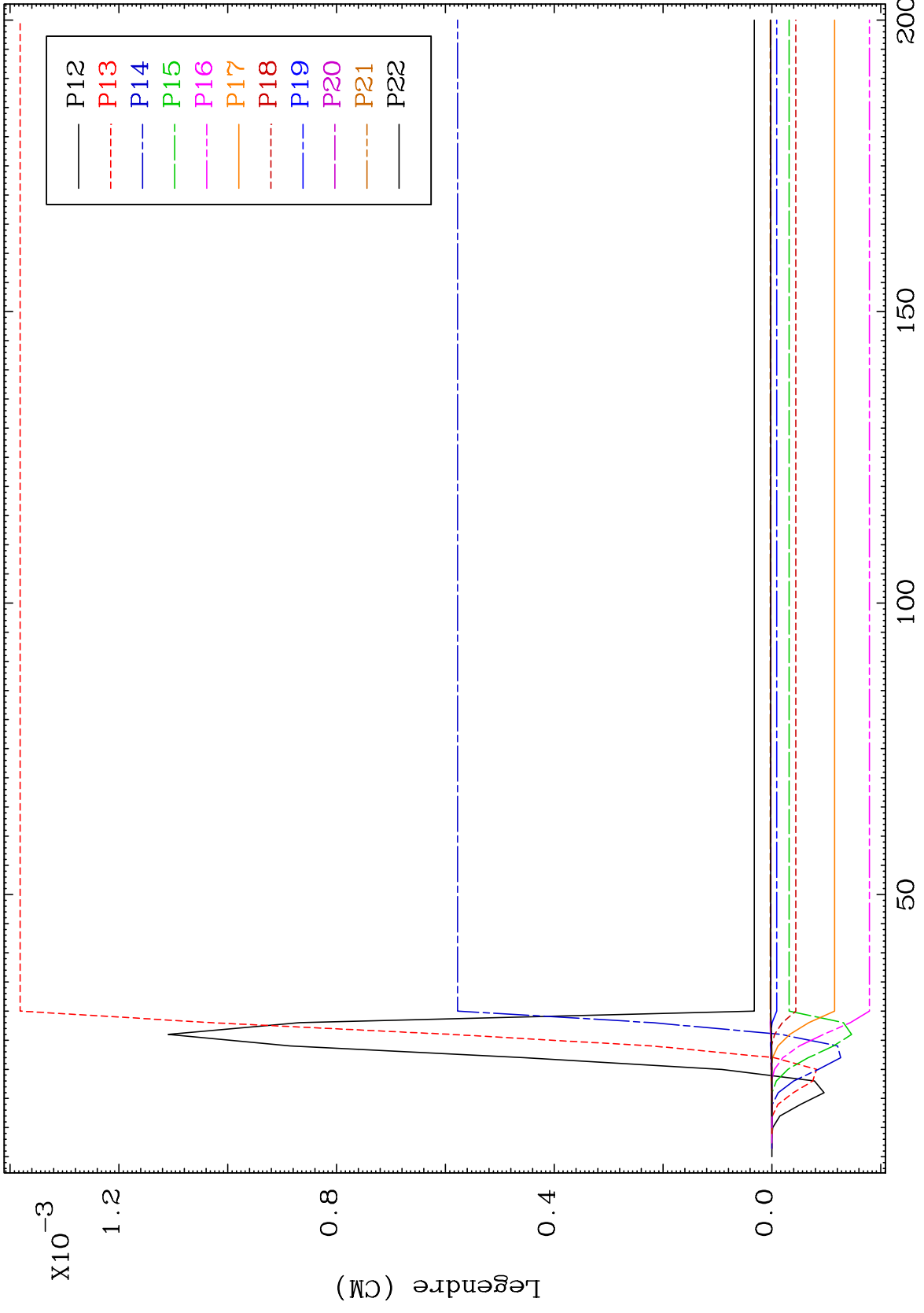
50

150

200

30-Zn-76

MAT 3061 MT= 78 (n,n') Level Legendre Coefficients 30-Zn-76

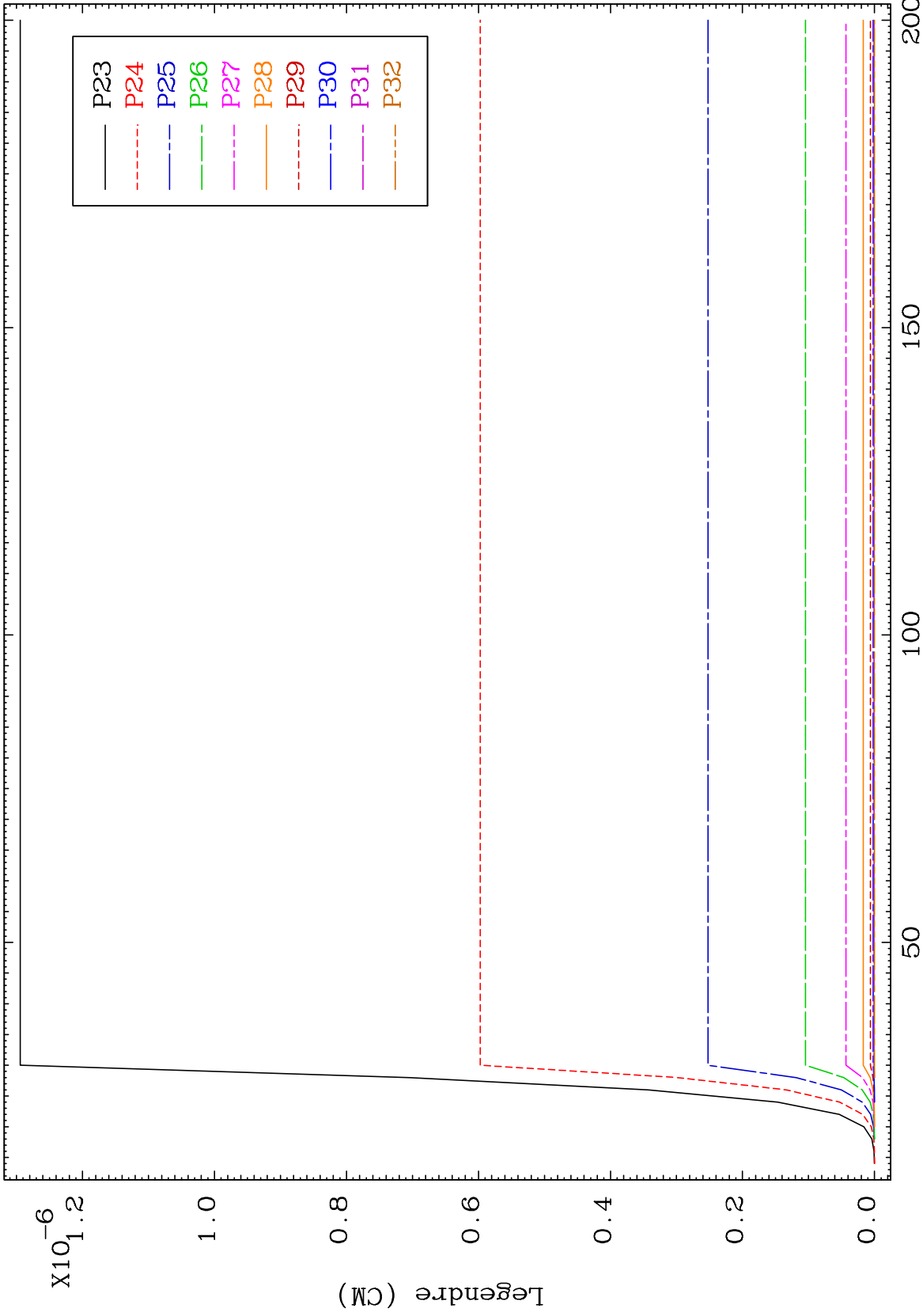


103 30-Zn-76

MAT 3061

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

30-Zn-76

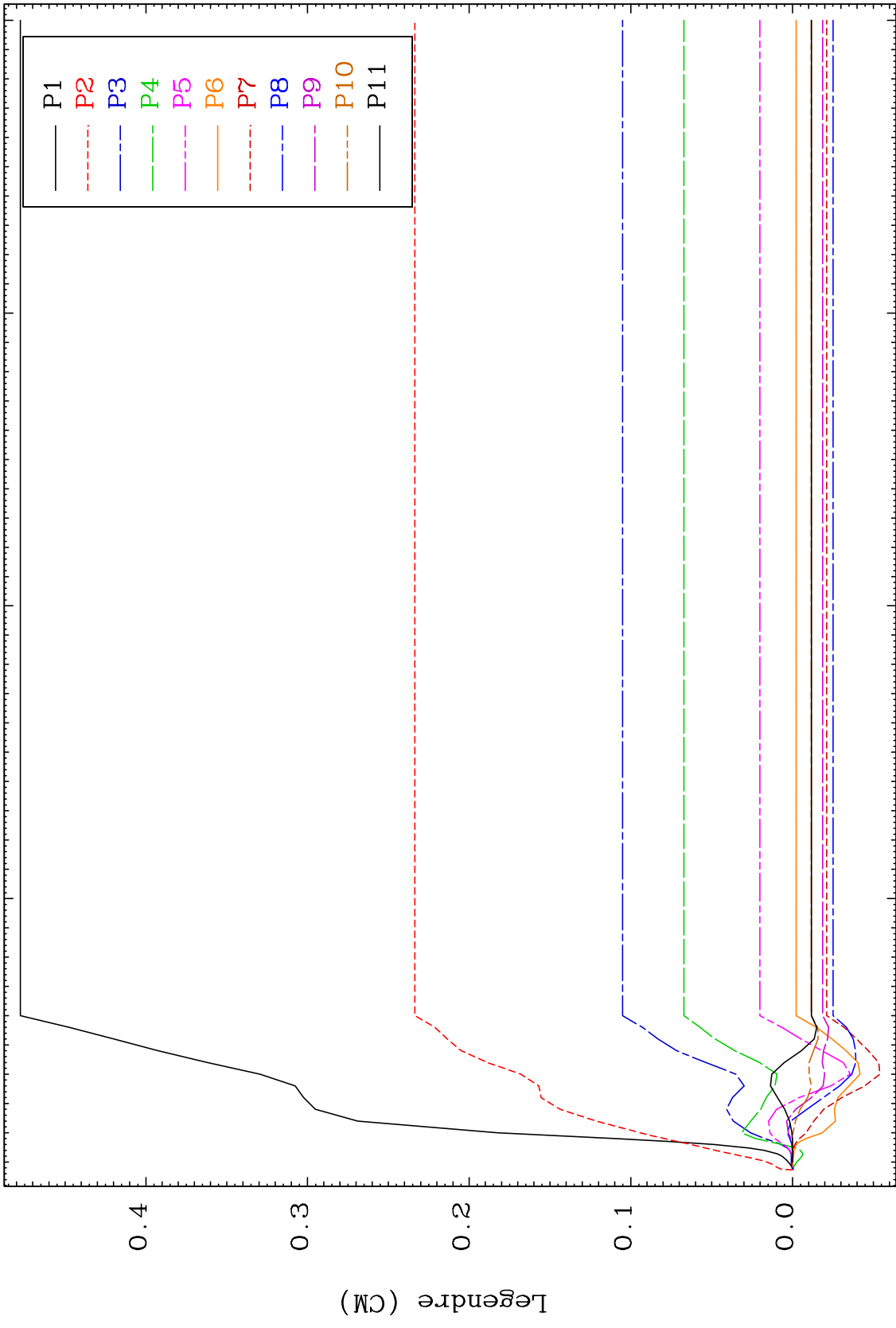


30-Zn-76

Incident Energy (MeV)

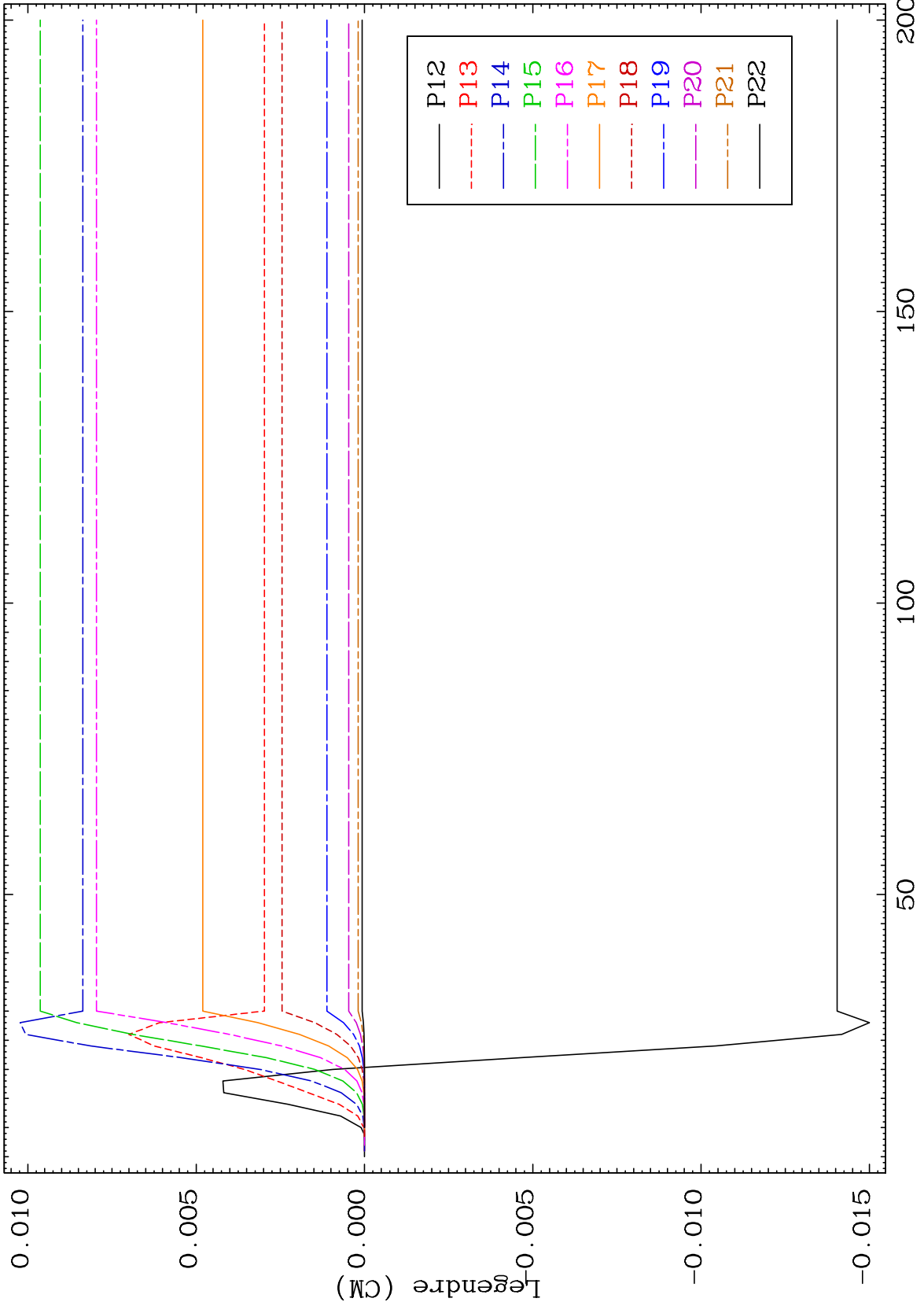
104

MAT 3061 MT= 79 (n,n') Level Legendre Coefficients 30-Zn-76



105 Incident Energy (MeV) 30-Zn-76

MAT 3061 MT= 79 (n,n') Level Legendre Coefficients 30-Zn-76

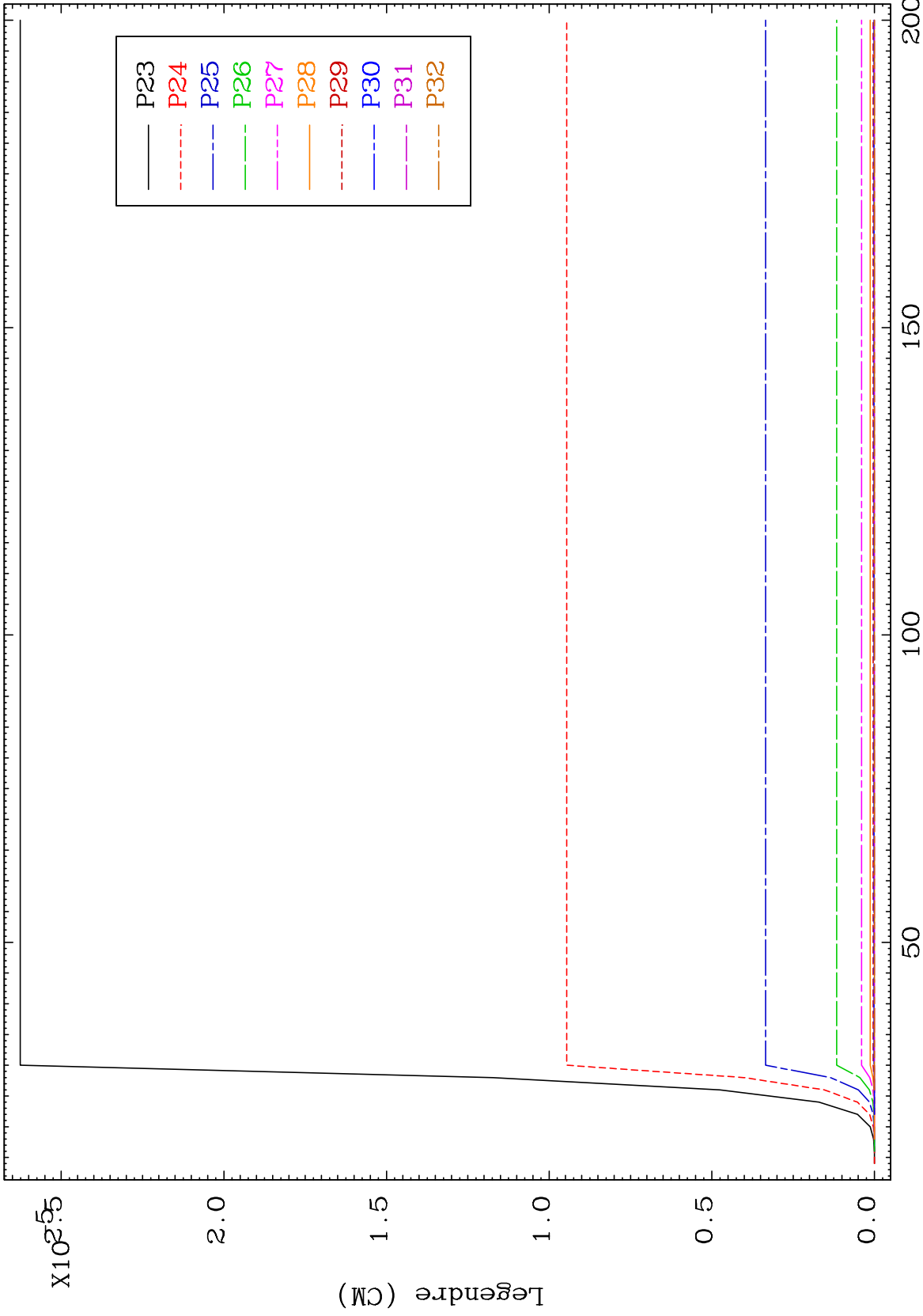


106 30-Zn-76

MAT 3061

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

30-Zn-76

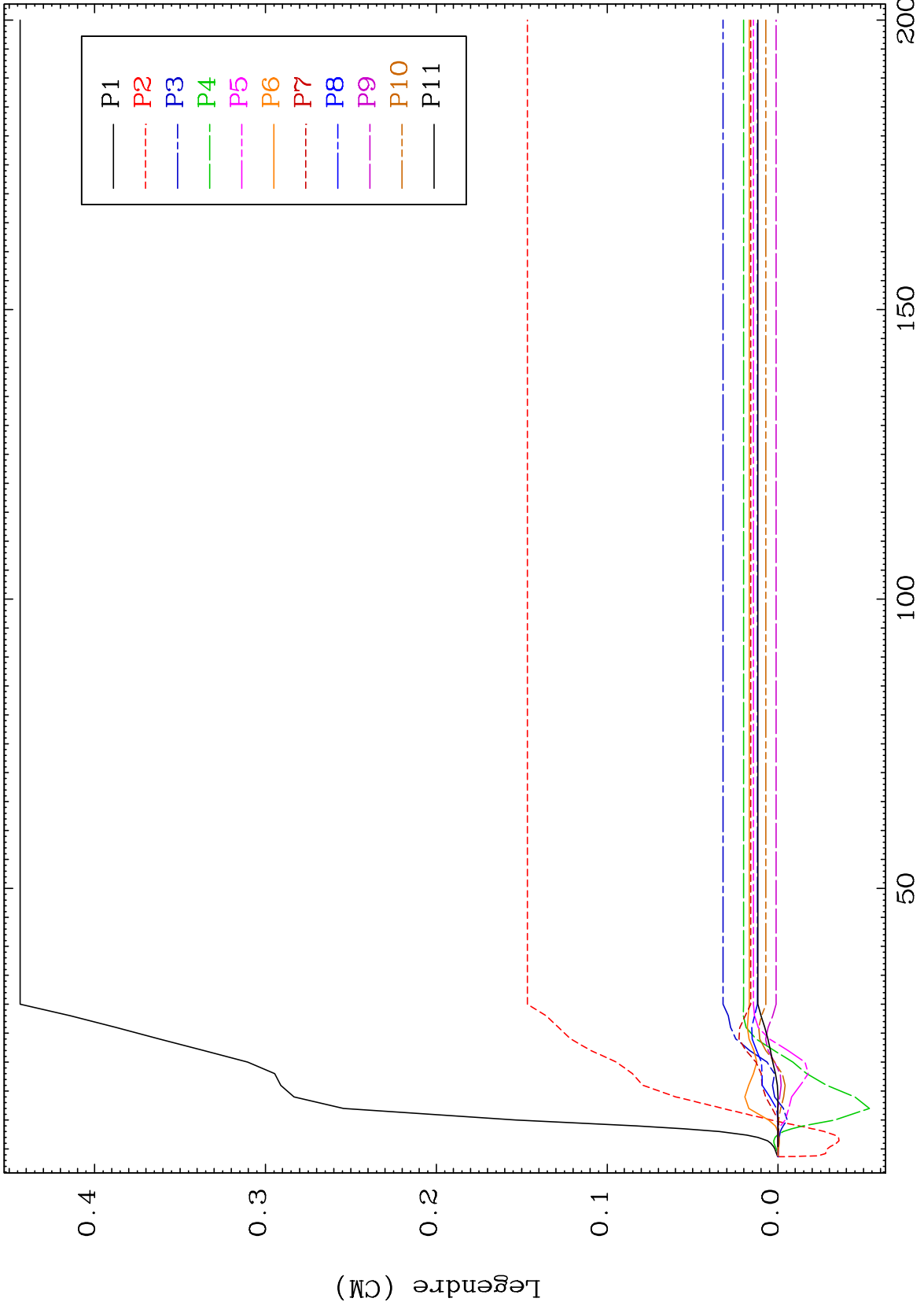


107

Incident Energy (MeV)

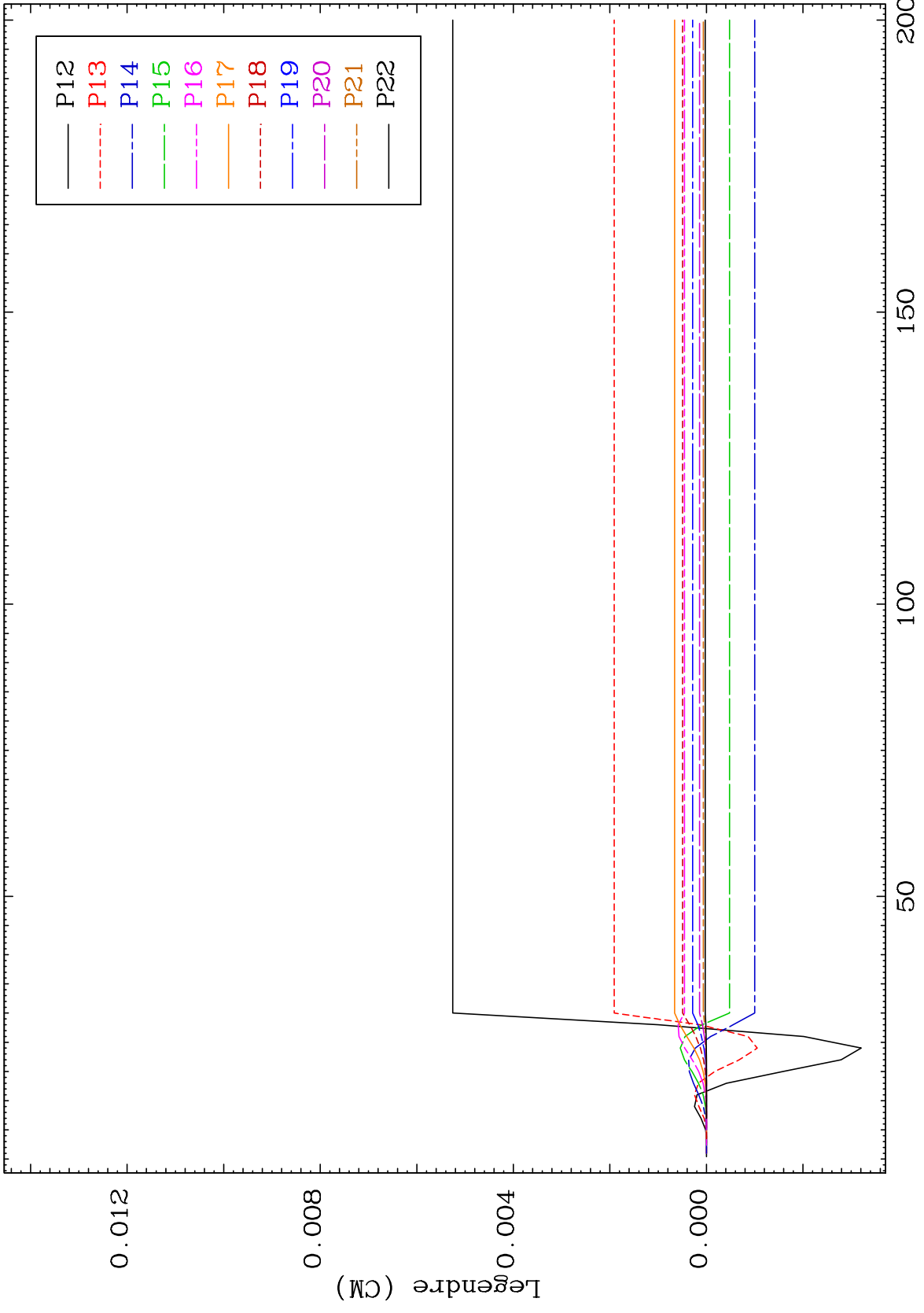
30-Zn-76

MAT 3061 MT= 80 (n,n') Level Legendre Coefficients 30-Zn-76



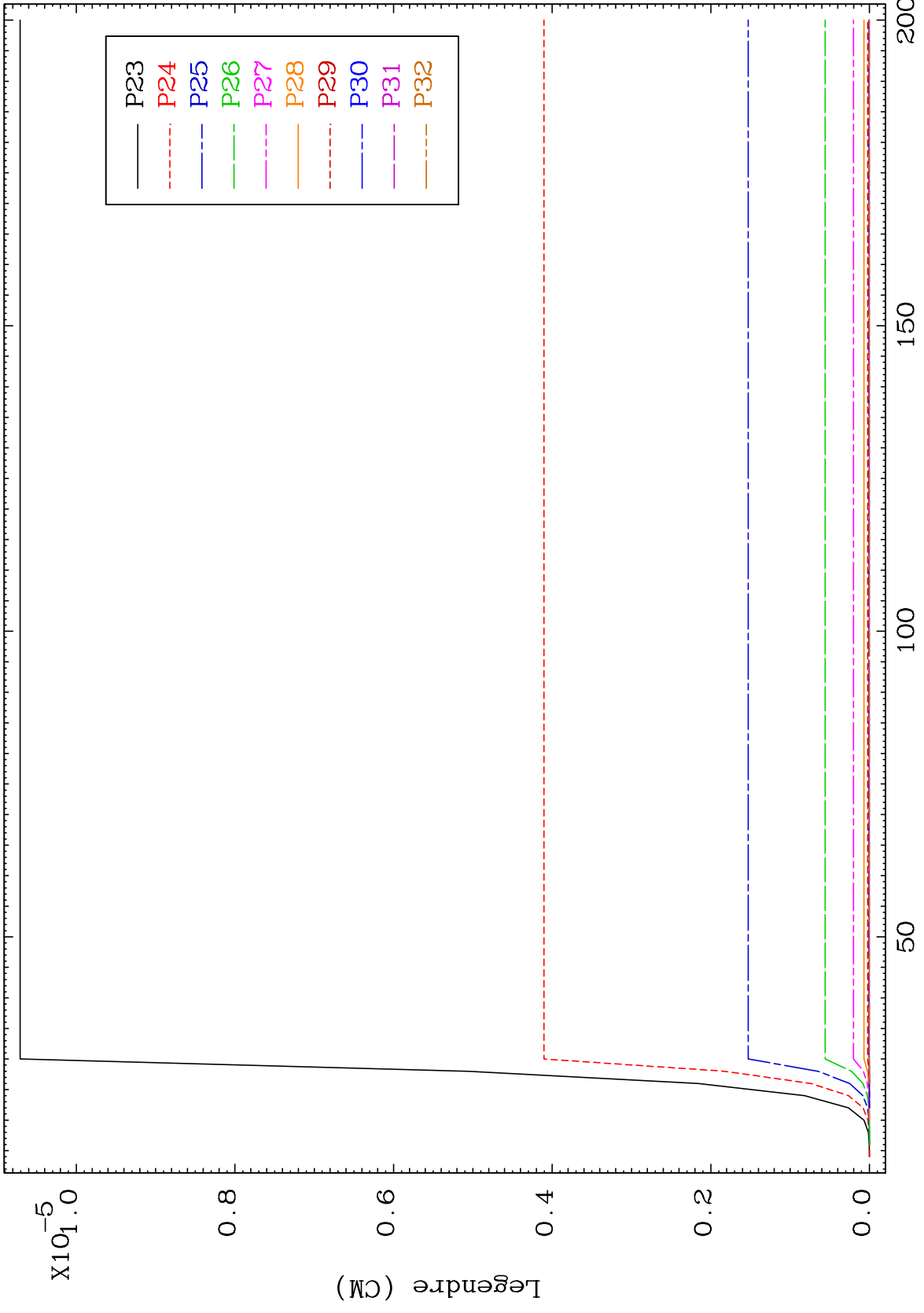
108 Incident Energy (MeV) 30-Zn-76

MAT 3061 MT= 80 (n,n') Level Legendre Coefficients 30-Zn-76



109 30-Zn-76

MAT 3061 MT= 80 (n,n') Level Legendre Coefficients 30-Zn-76



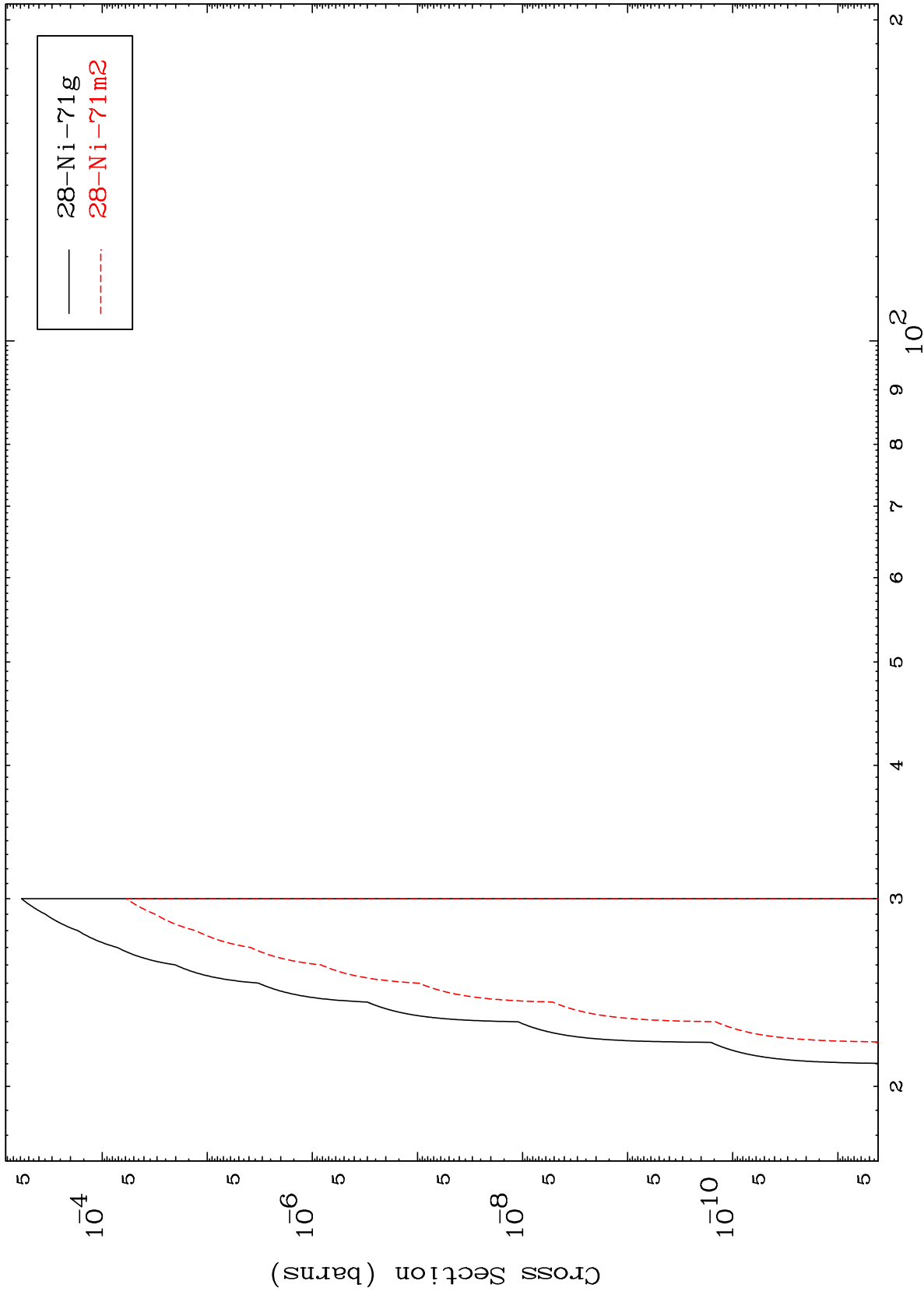
110 Incident Energy (MeV) 30-Zn-76

MAT 3061

(n,2n) α

30-Zn-76

Radionuclide Production Cross Section



111

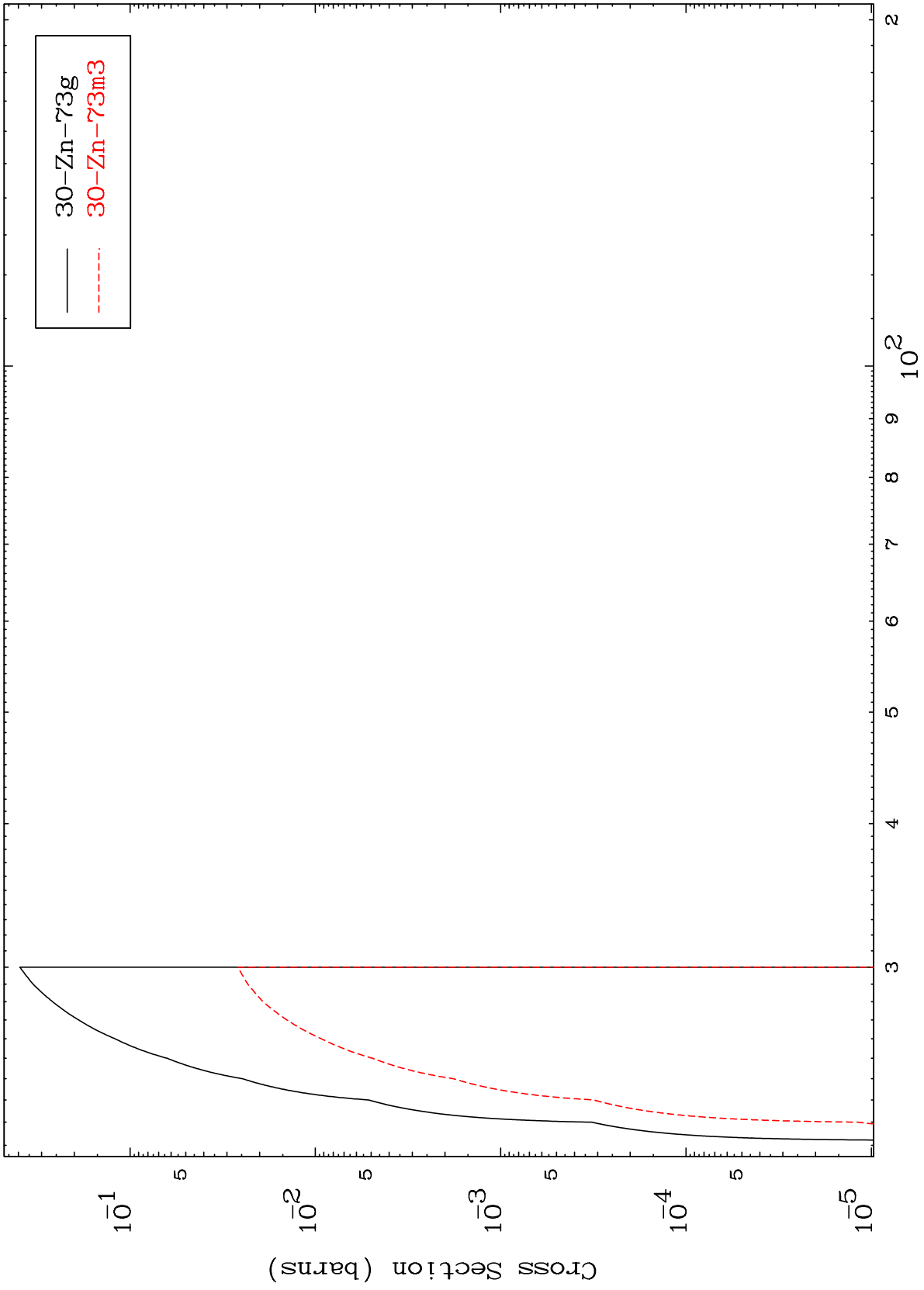
Incident Energy (MeV)

30-Zn-76

MAT 3061

30-Zn-76

(n,4n)
Radionuclide Production Cross Section



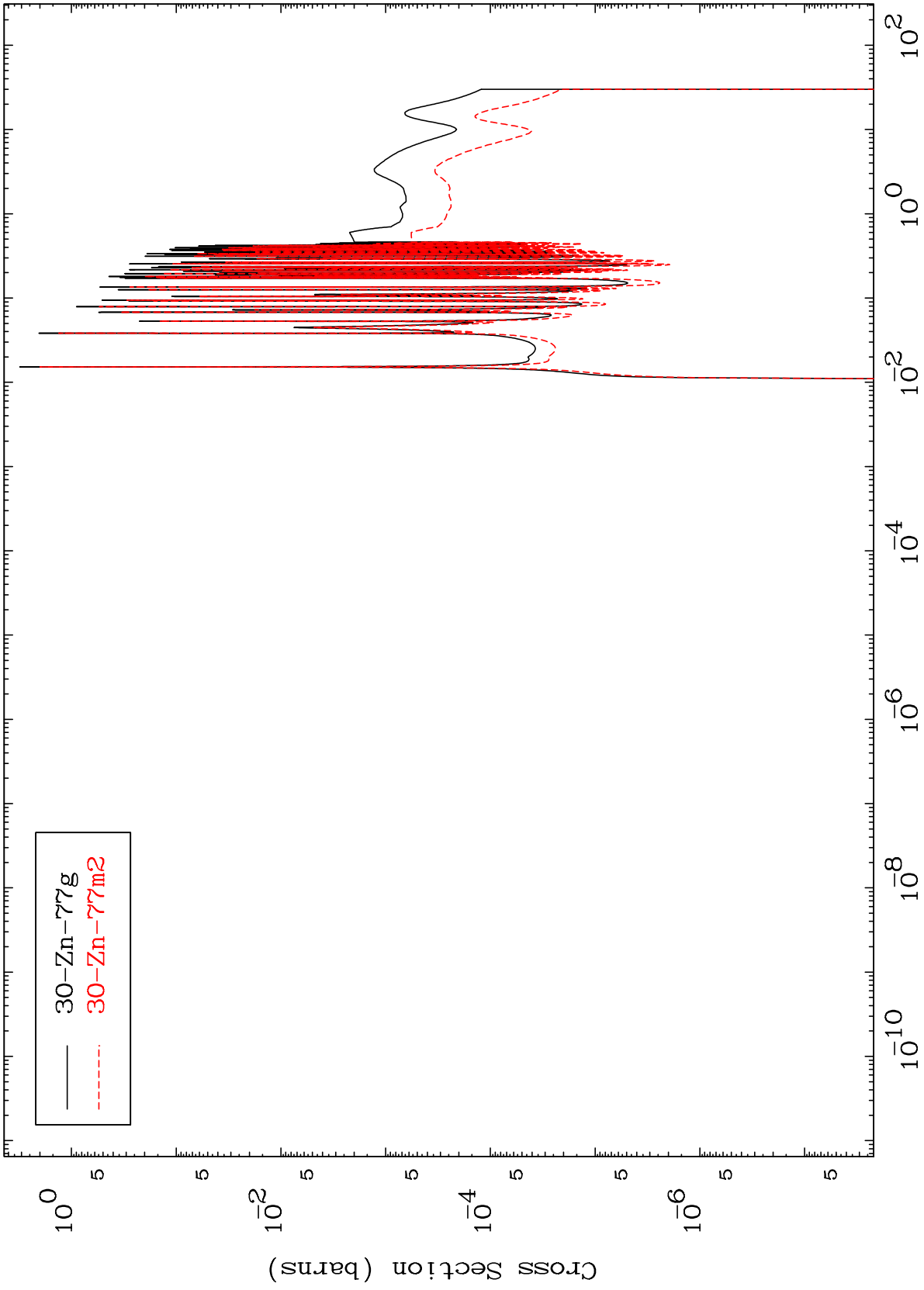
112

30-Zn-76

MAT 3061

30-Zn-76

Radionuclide Production Cross Section
(n, γ)



113

30-Zn-76

