

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

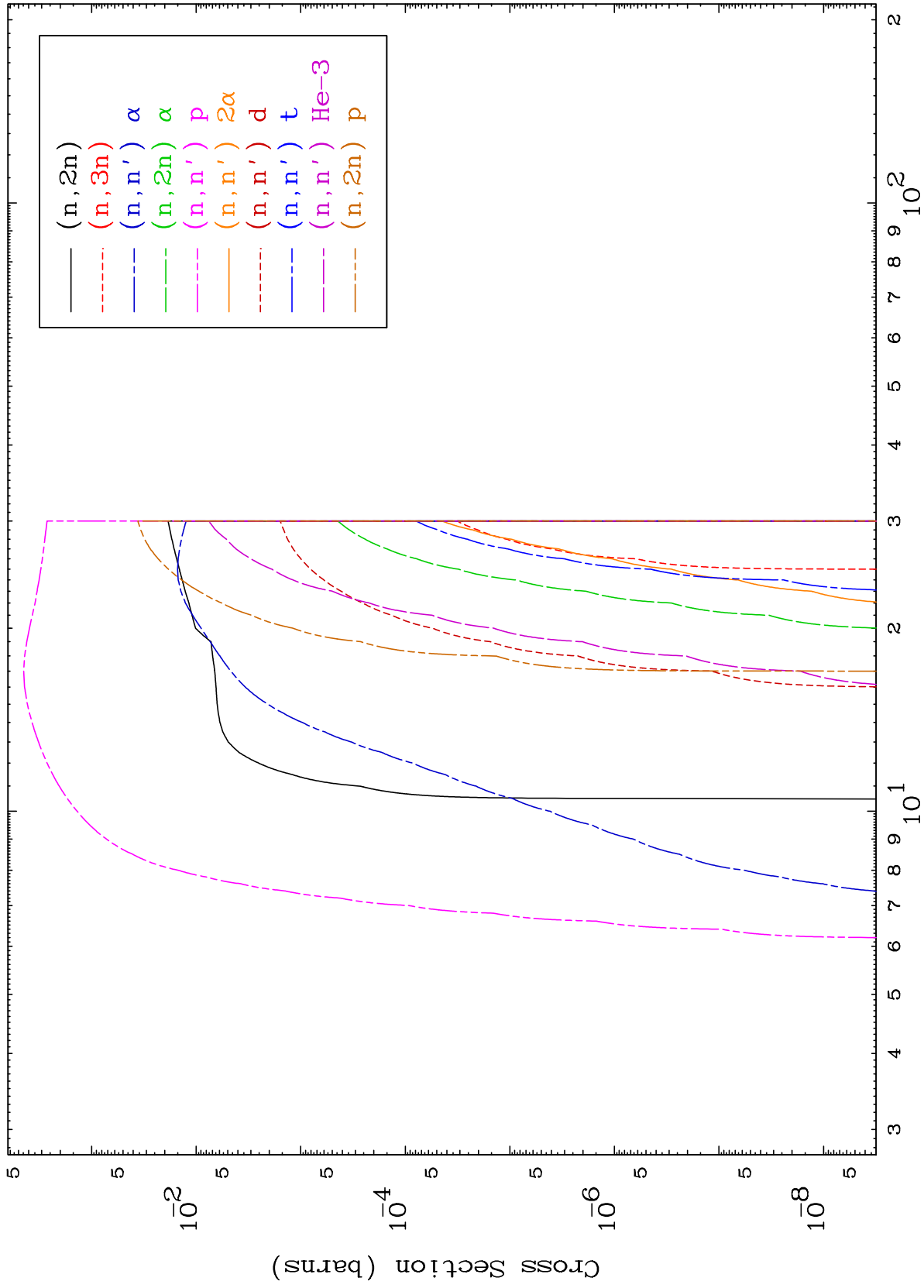
Press Mouse Button to Start



MAT 4004

### Neutron Production 293 Kelvin Cross Sections

40-Zr-83



2

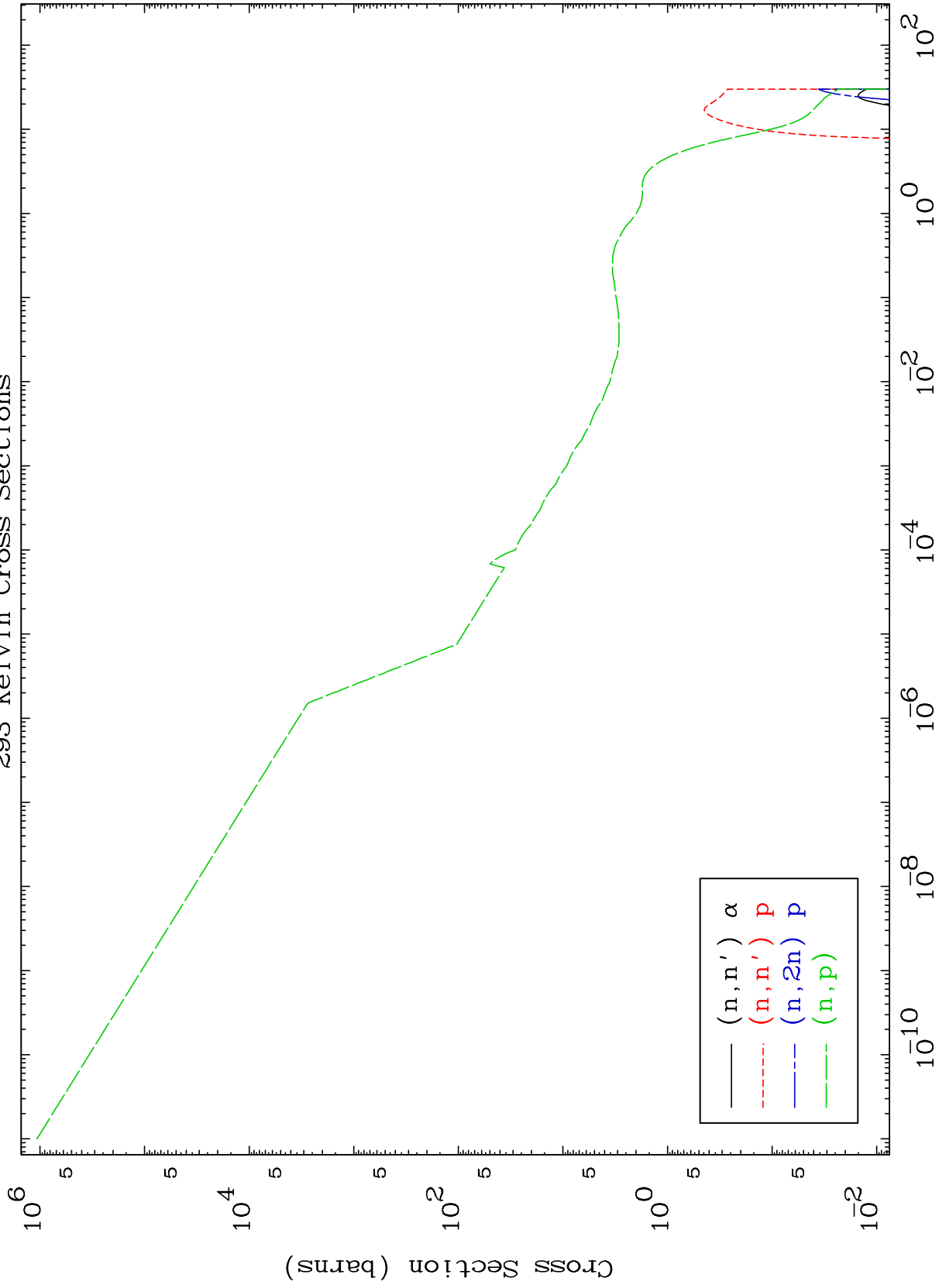
Incident Energy (MeV)

40-Zr-83

MAT 4004

Charged Particle  
293 Kelvin Cross Sections

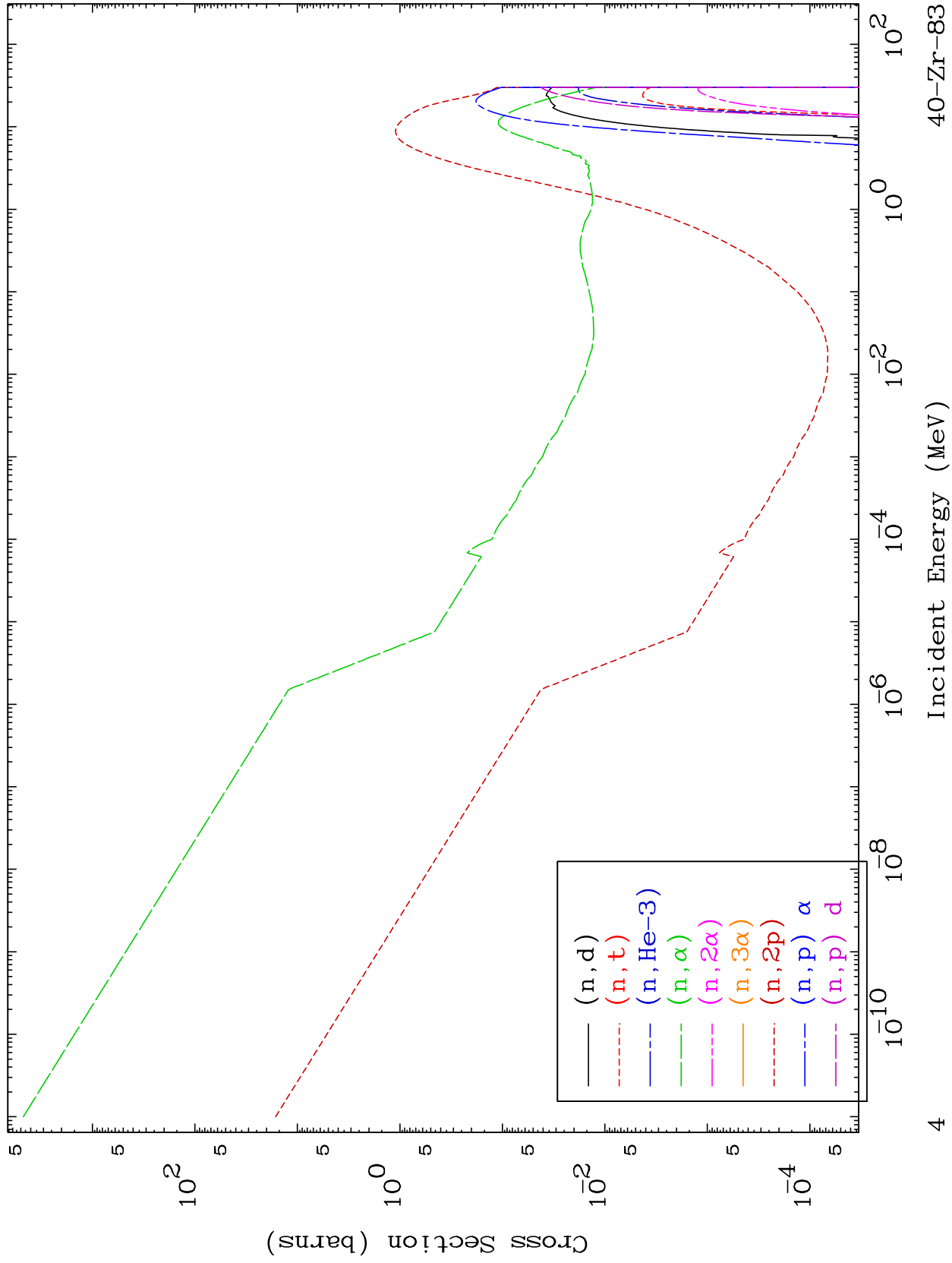
40-Zr-83



MAT 4004

Charged Particle  
293 Kelvin Cross Sections

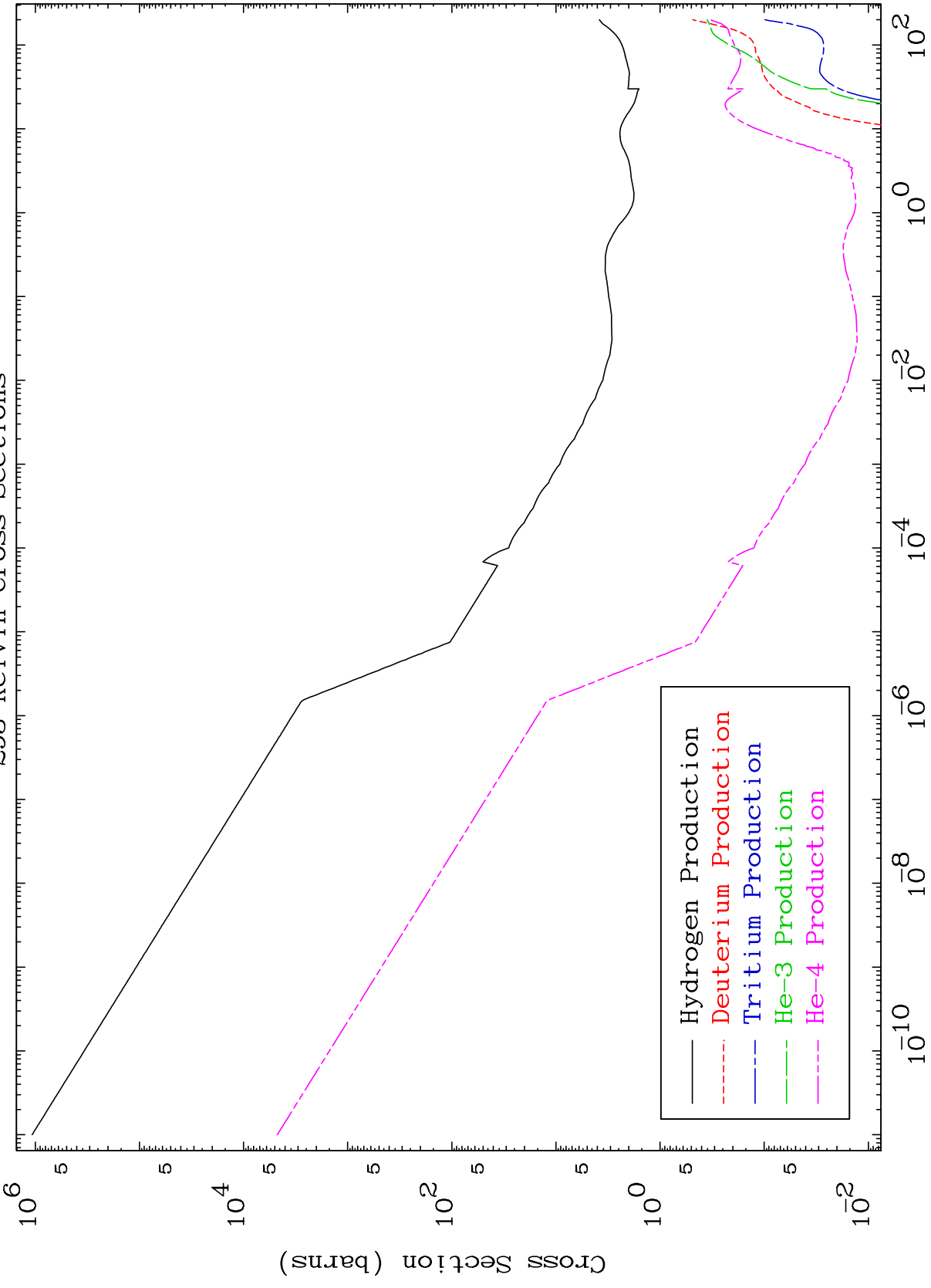
40-Zr-83



MAT 4004

Particle Production  
293 Kelvin Cross Sections

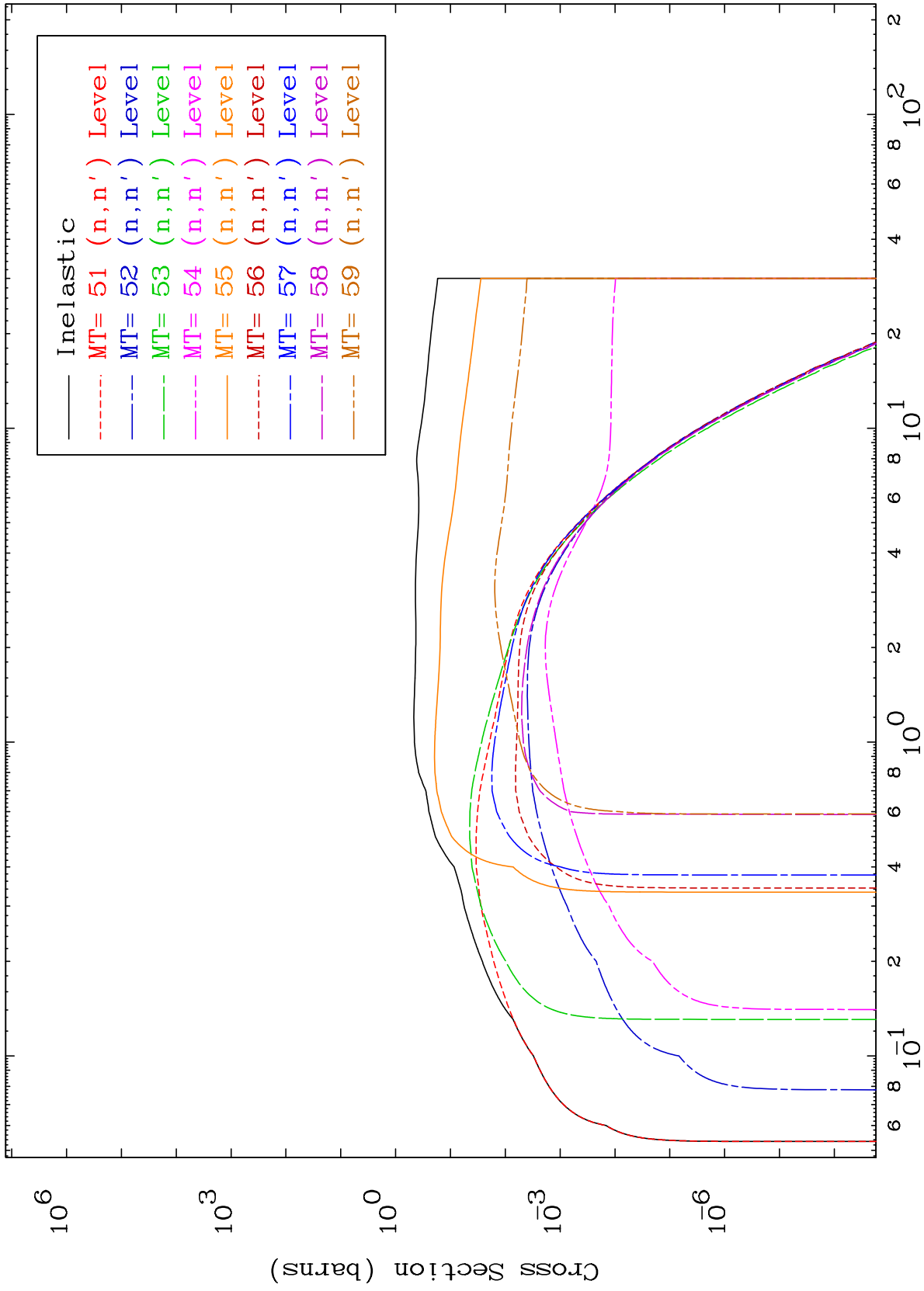
40-Zr-83



MAT 4004

(n,n') Level  
293 Kelvin Cross Sections

40-Zr-83



6

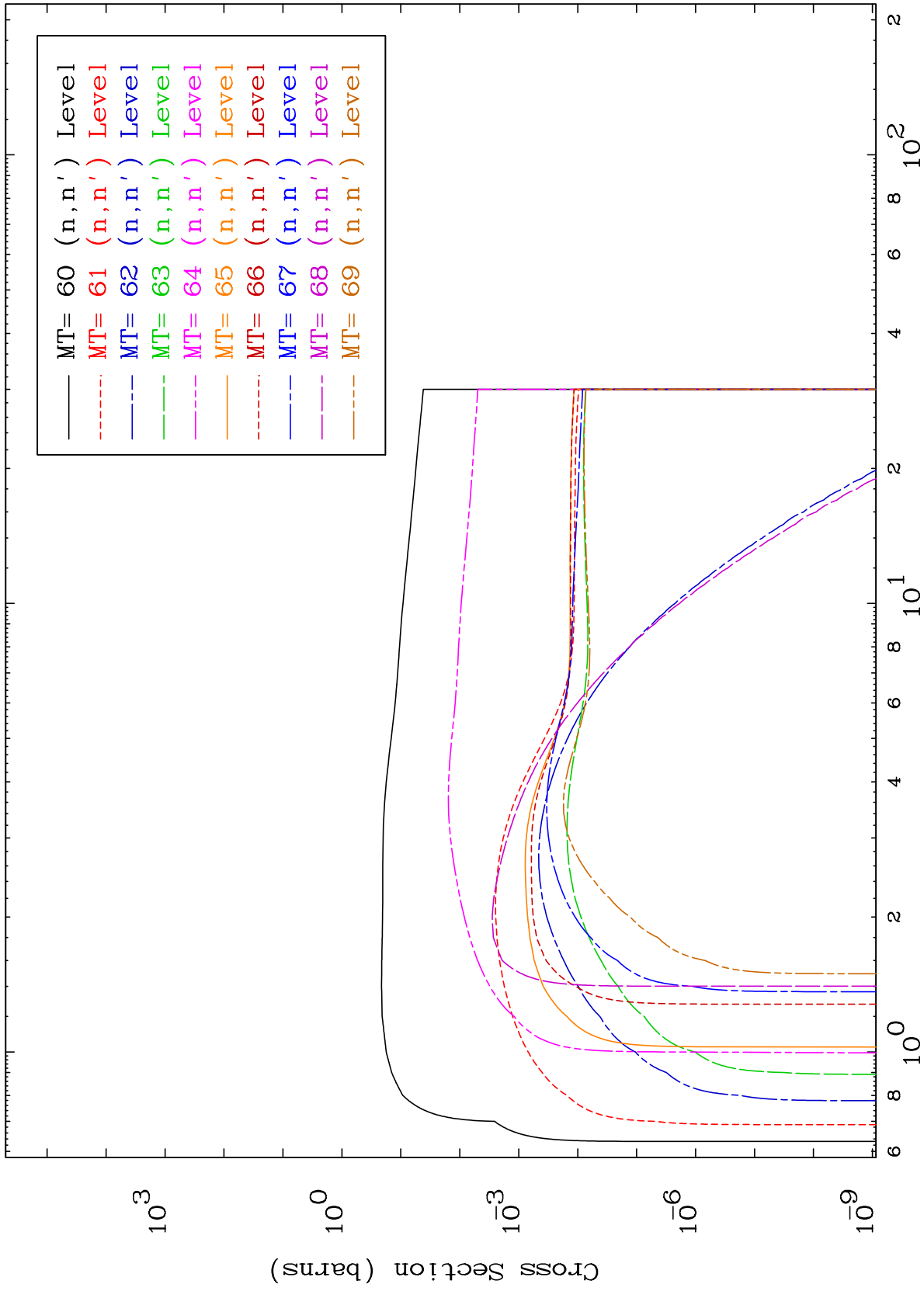
40-Zr-83

MAT 4004

(n,n') Level

40-Zr-83

293 Kelvin Cross Sections



7

Incident Energy (MeV)

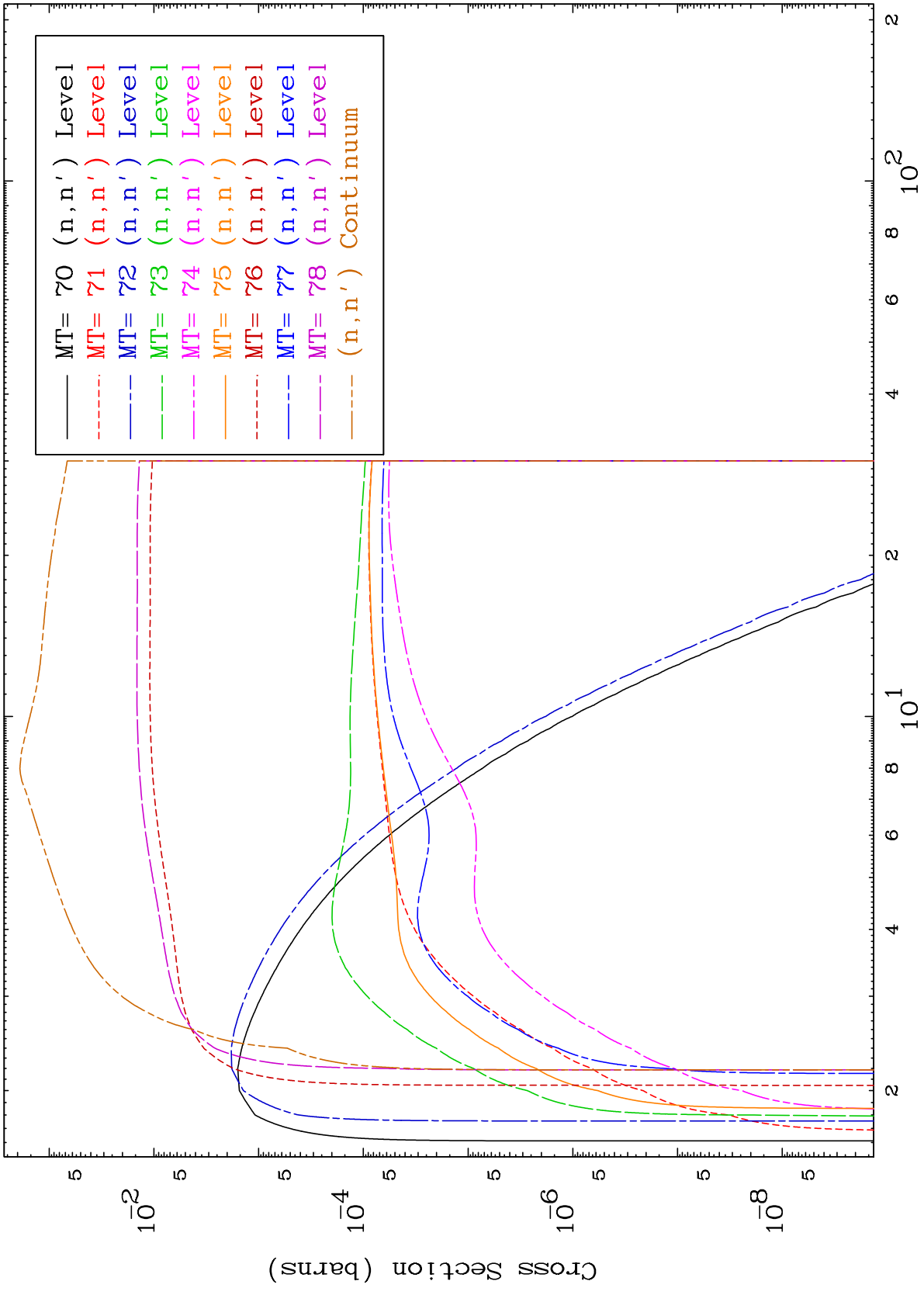
40-Zr-83



MAT 4004

(n,n') Level  
293 Kelvin Cross Sections

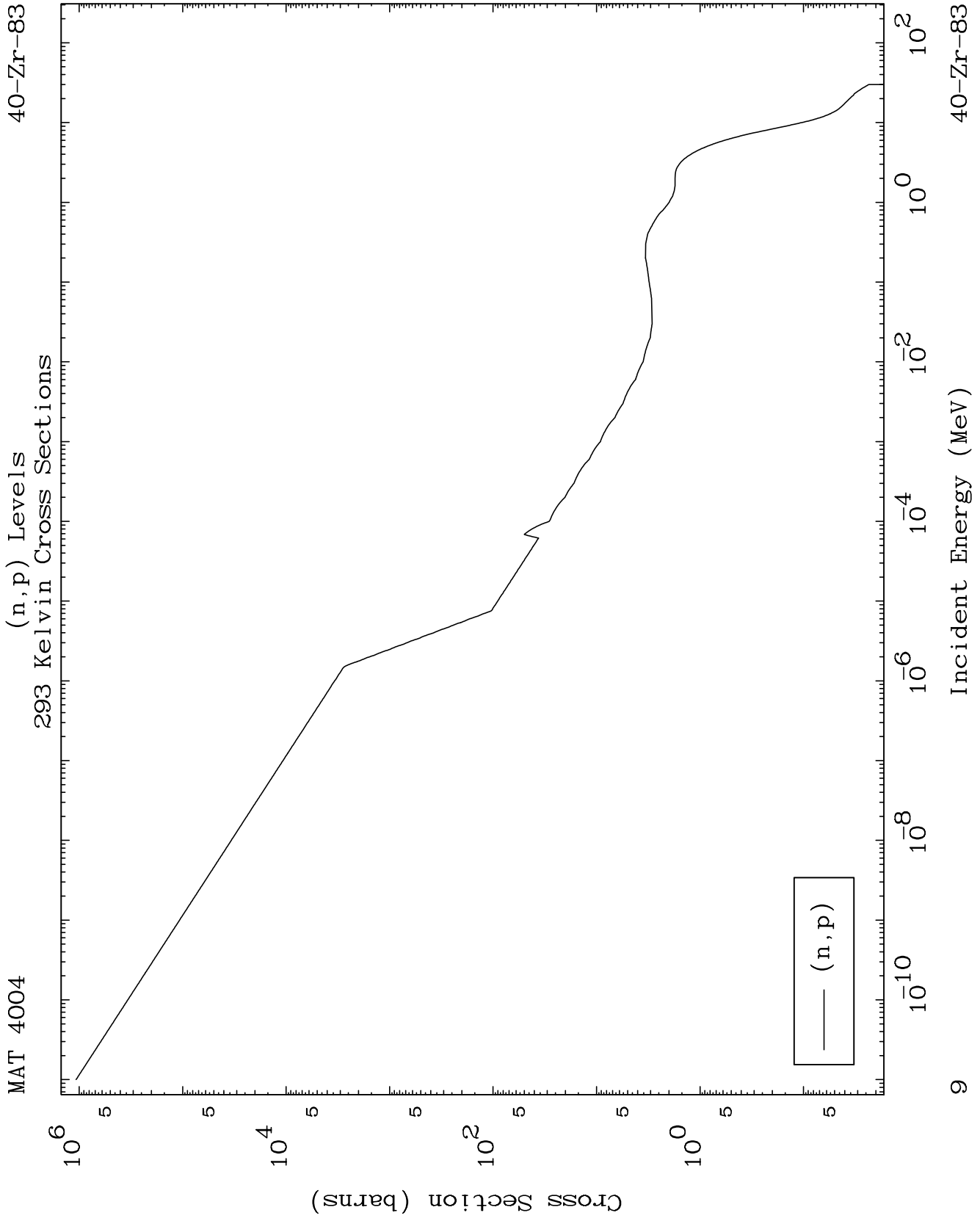
40-Zr-83



8

Incident Energy (MeV)

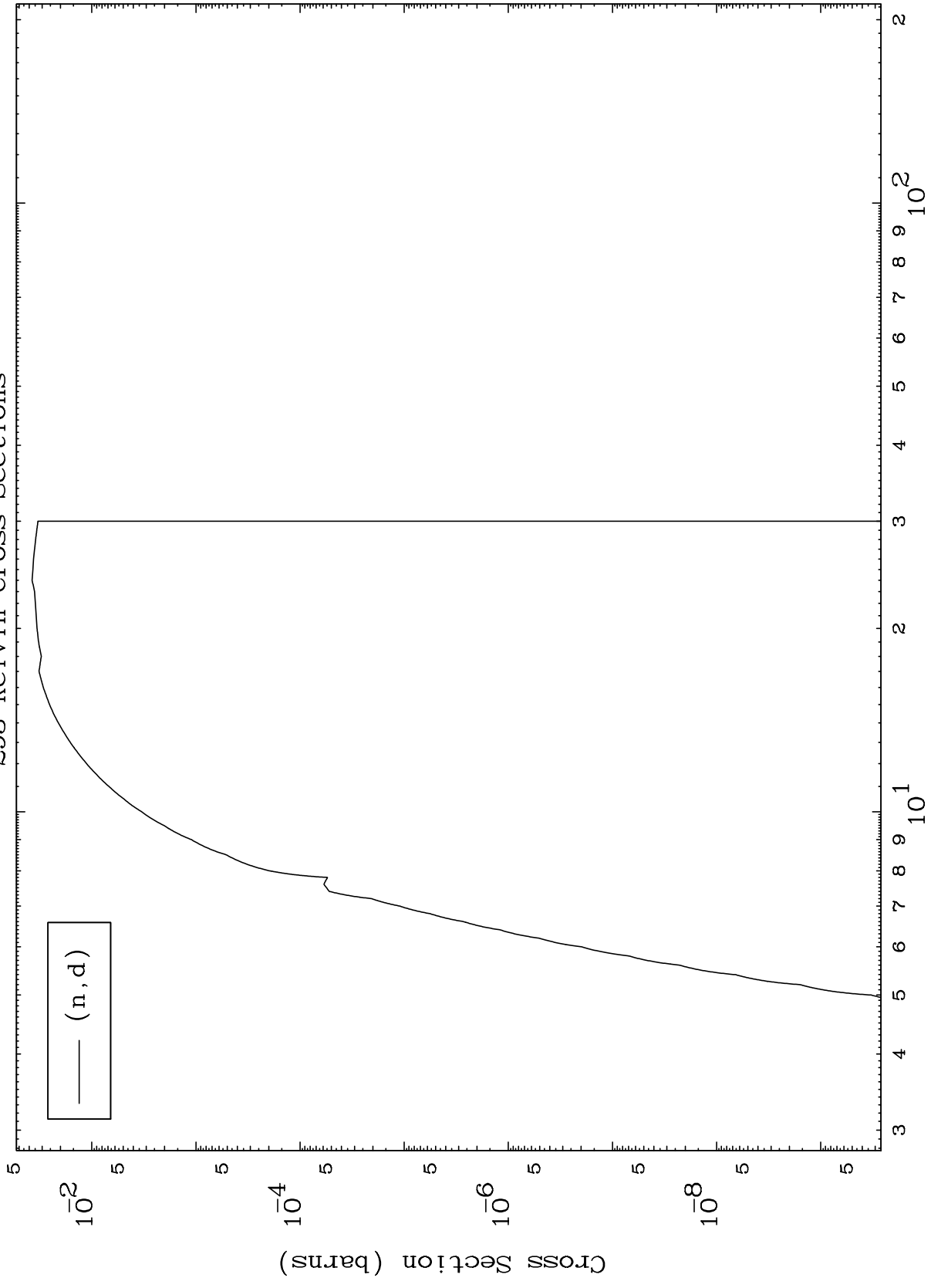
40-Zr-83



MAT 4004

(n,d) Levels  
293 Kelvin Cross Sections

40-Zr-83



10

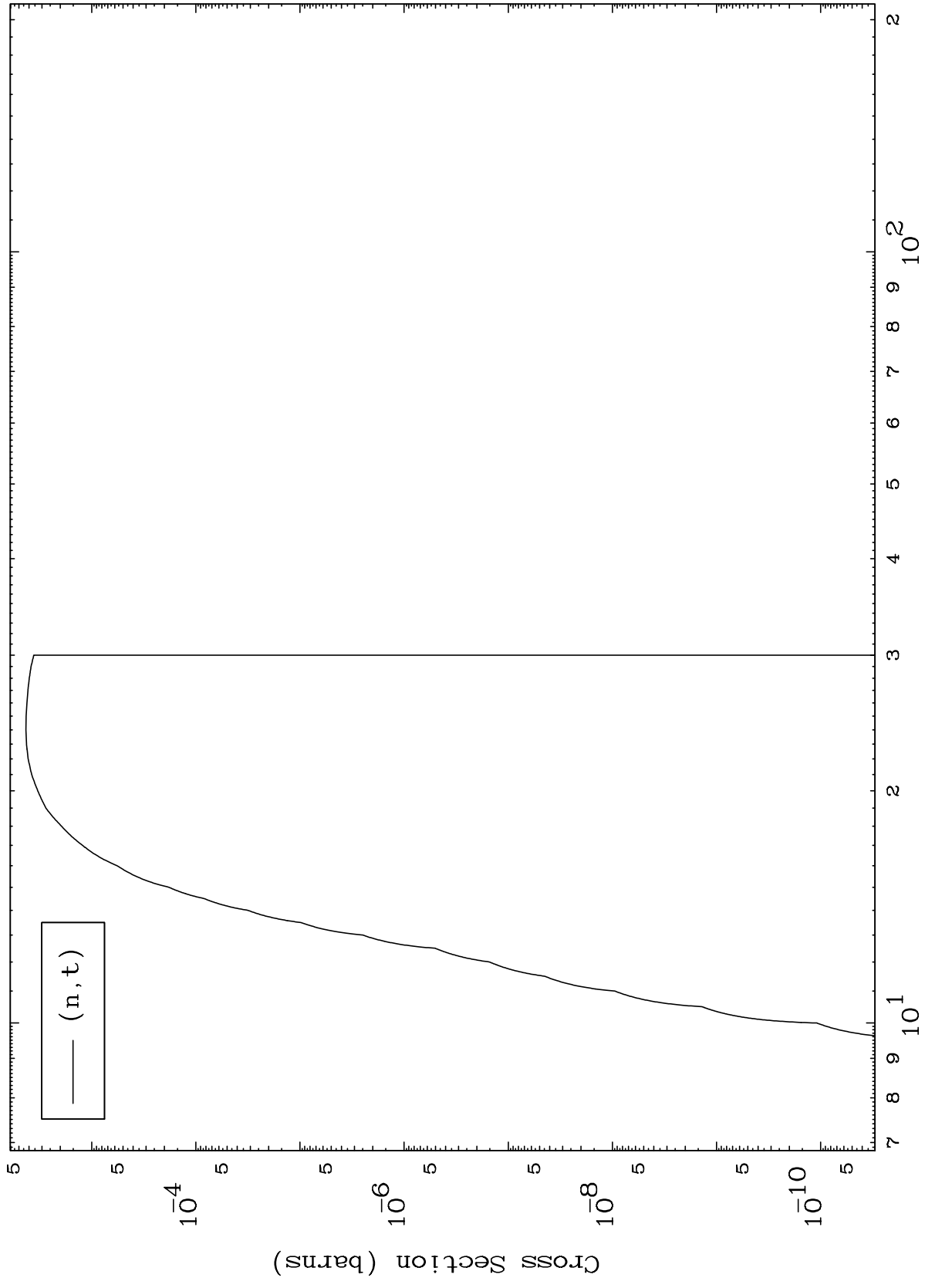
Incident Energy (MeV)

40-Zr-83

MAT 4004

(n,t) Levels  
293 Kelvin Cross Sections

40-Zr-83

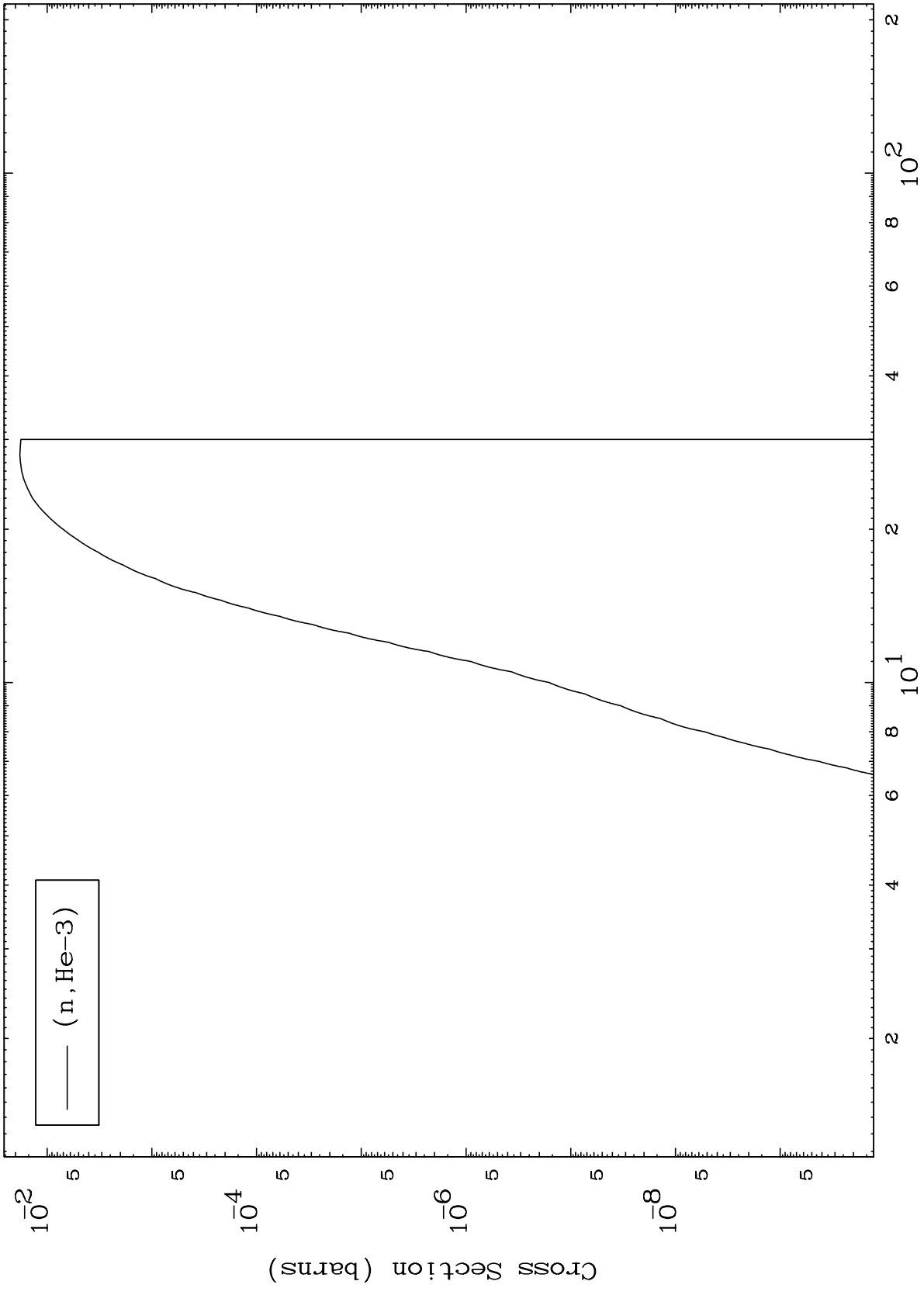


(n,t)

MAT 4004

(n,He3) Levels  
293 Kelvin Cross Sections

40-Zr-83



12

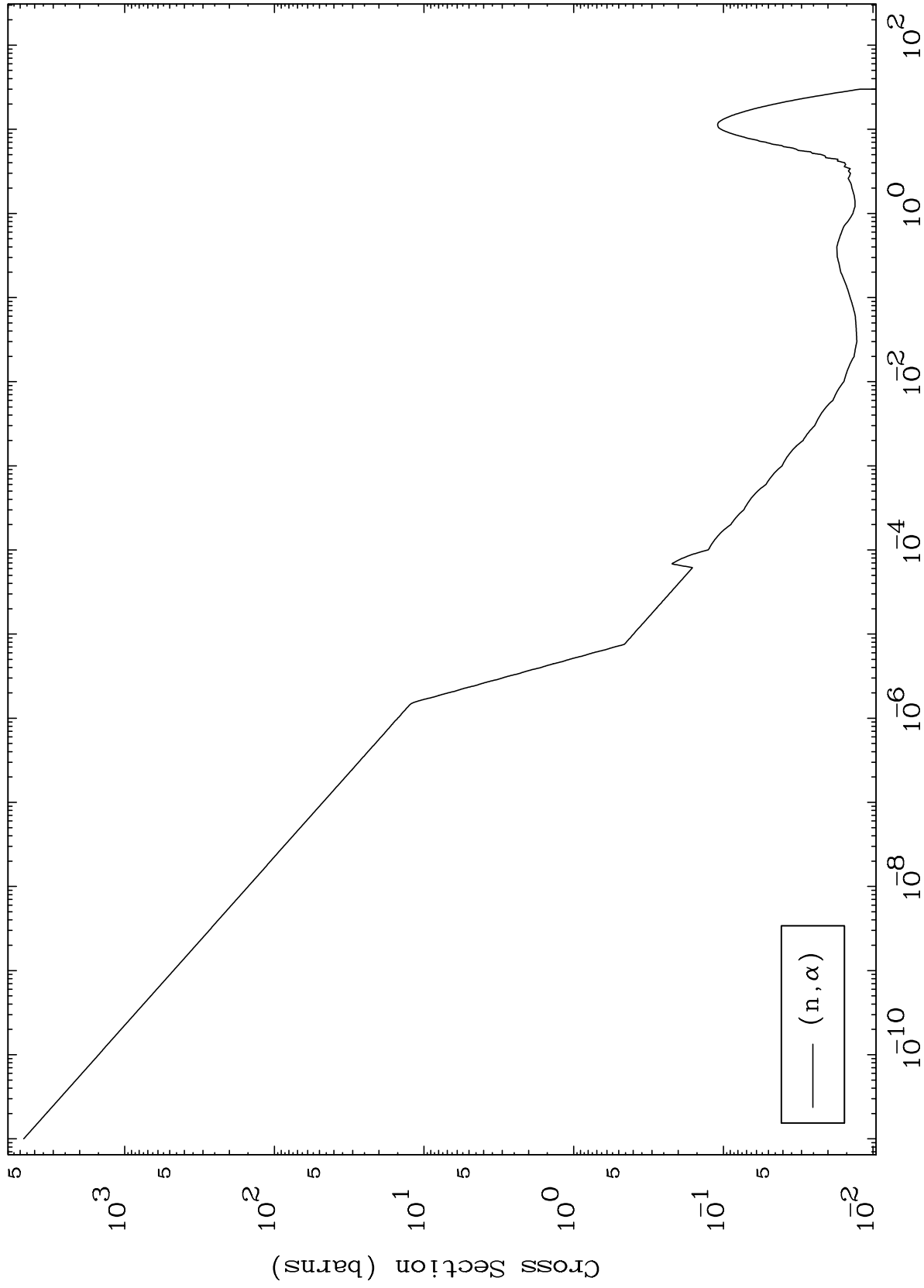
Incident Energy (MeV)

40-Zr-83

MAT 4004

(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

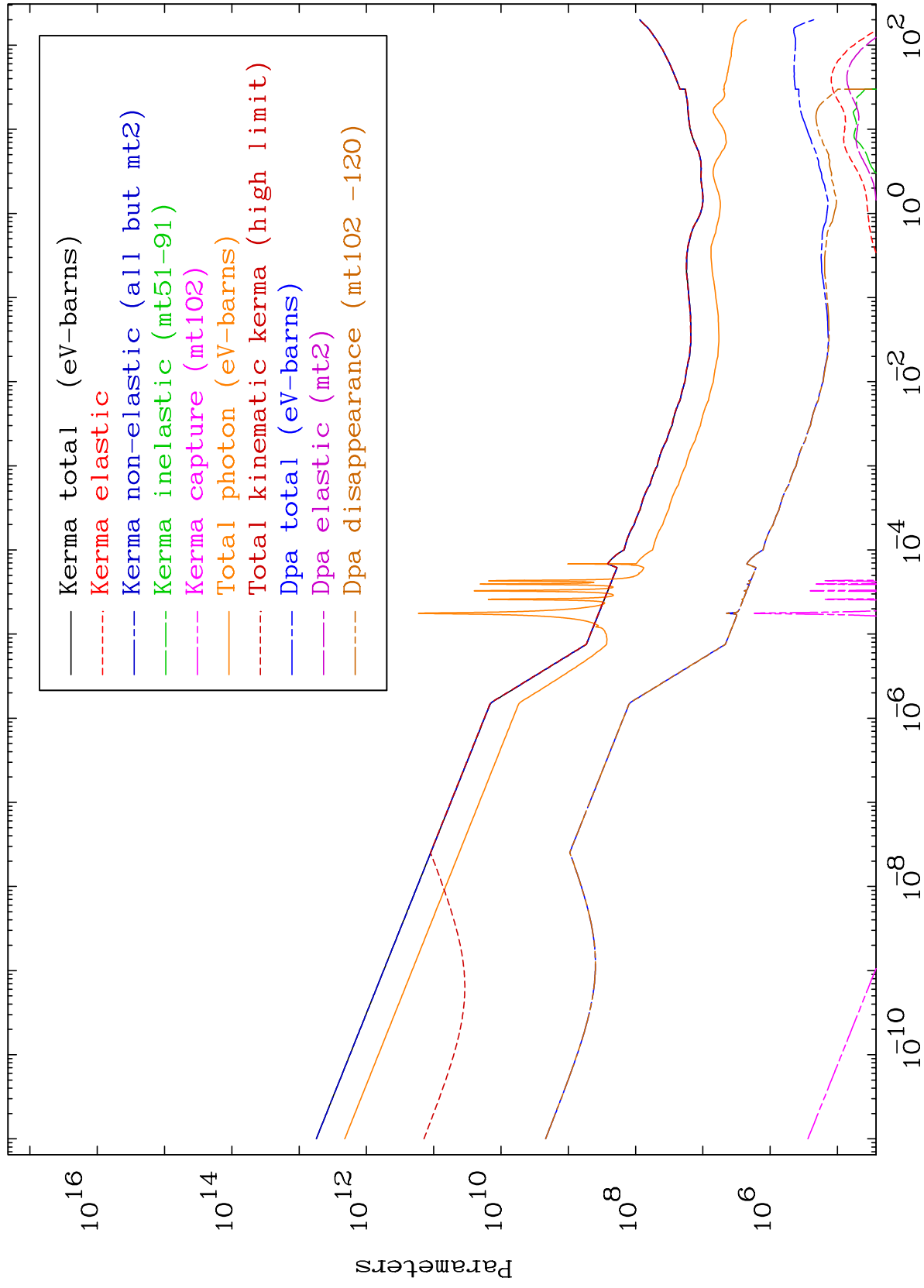
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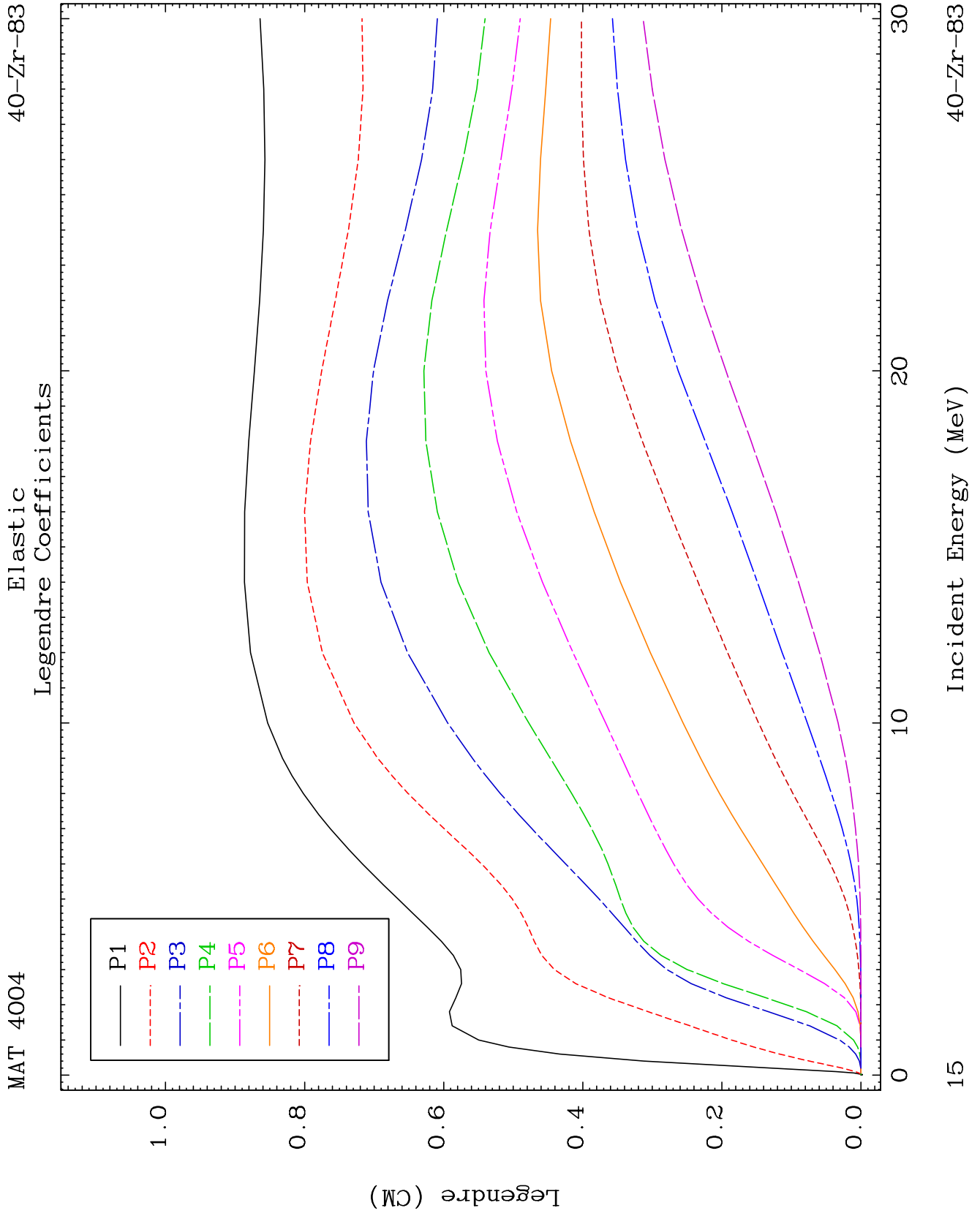


13

Incident Energy (MeV)

40-Zr-83



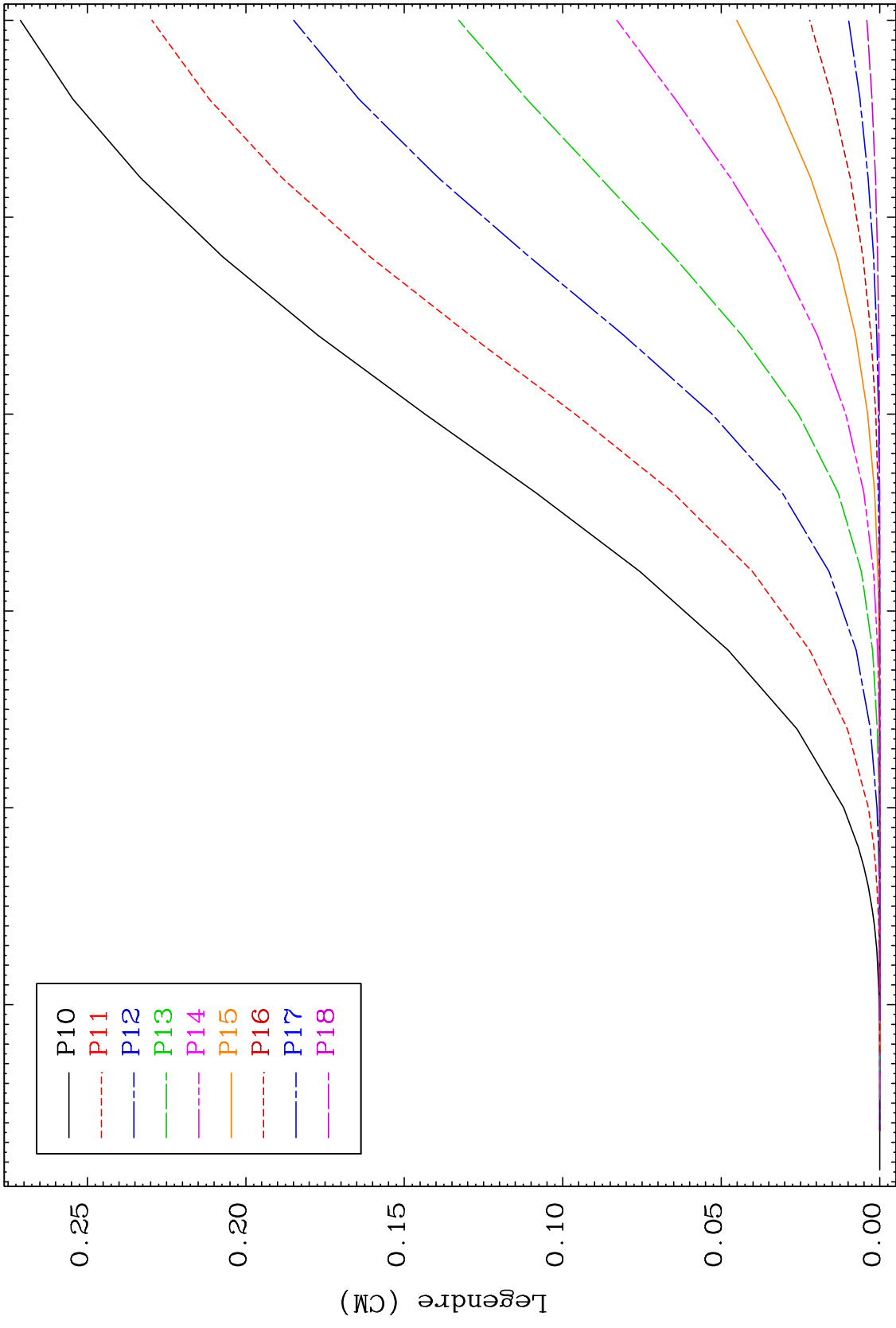




MAT 4004

Elastic Legendre Coefficients

40-Zr-83



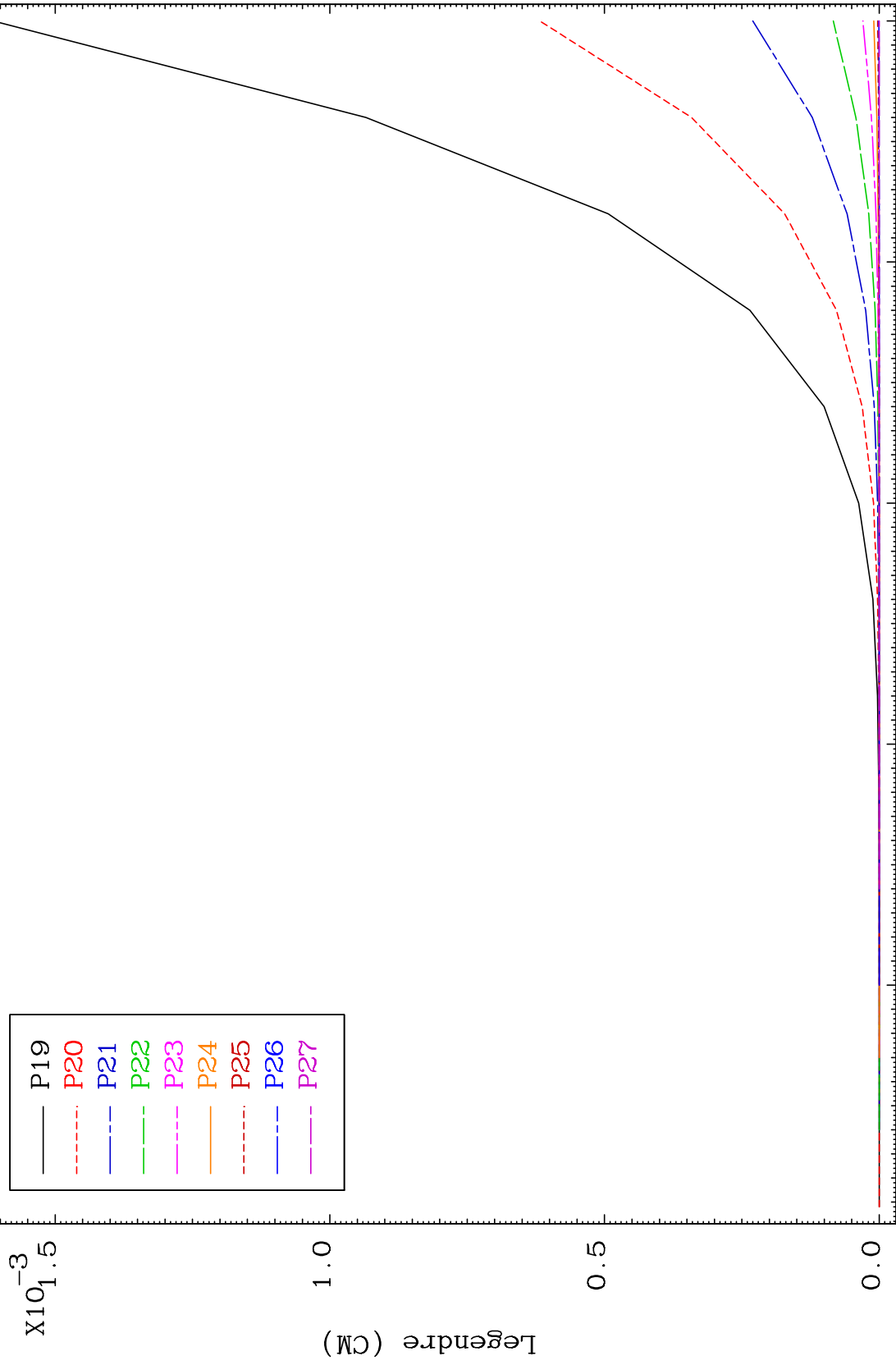
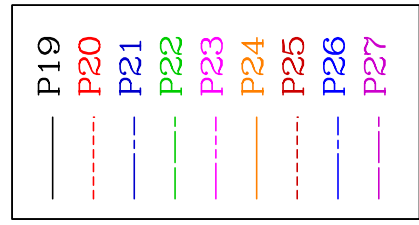
16

40-Zr-83

MAT 4004

Elastic Legendre Coefficients

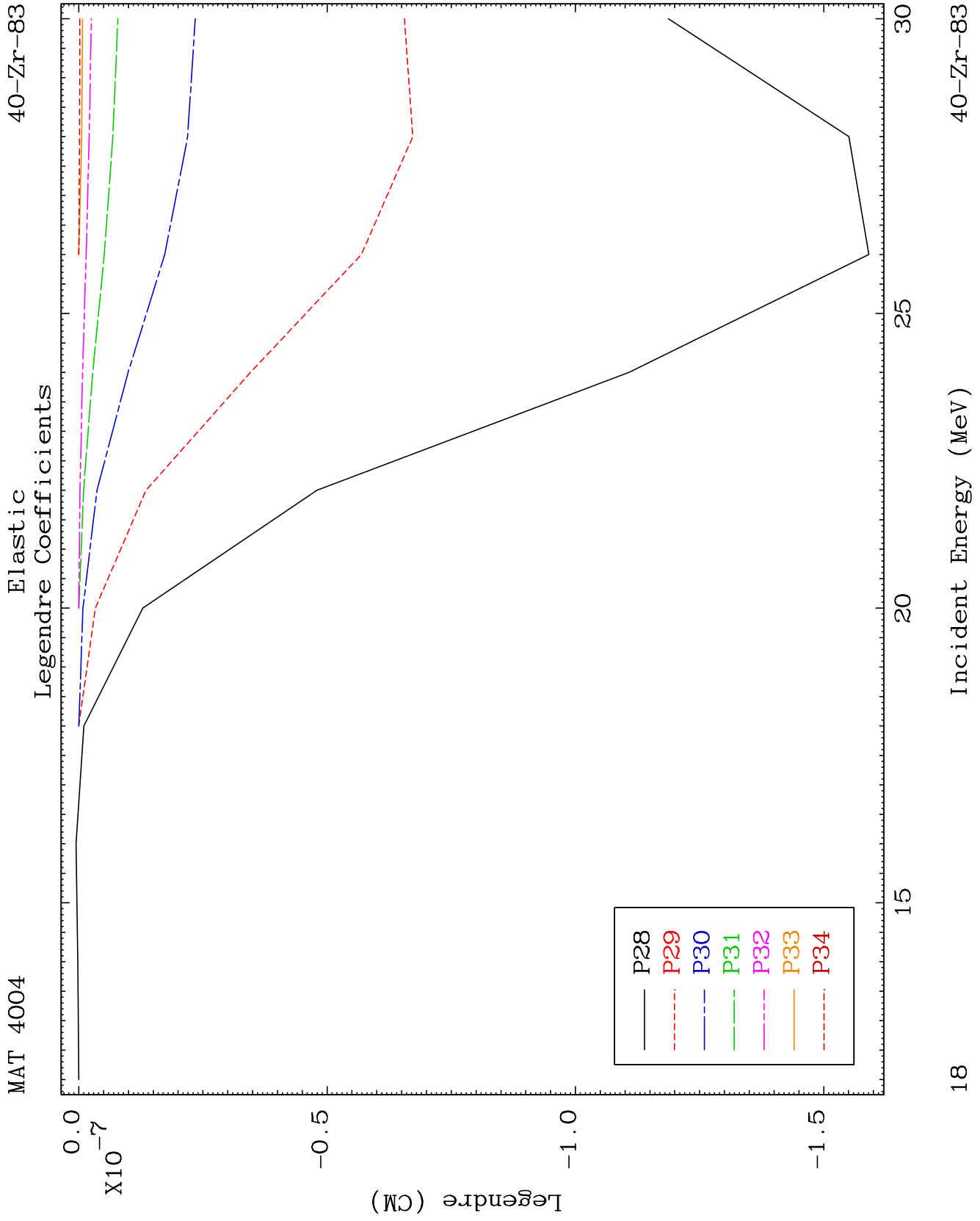
40-Zr-83



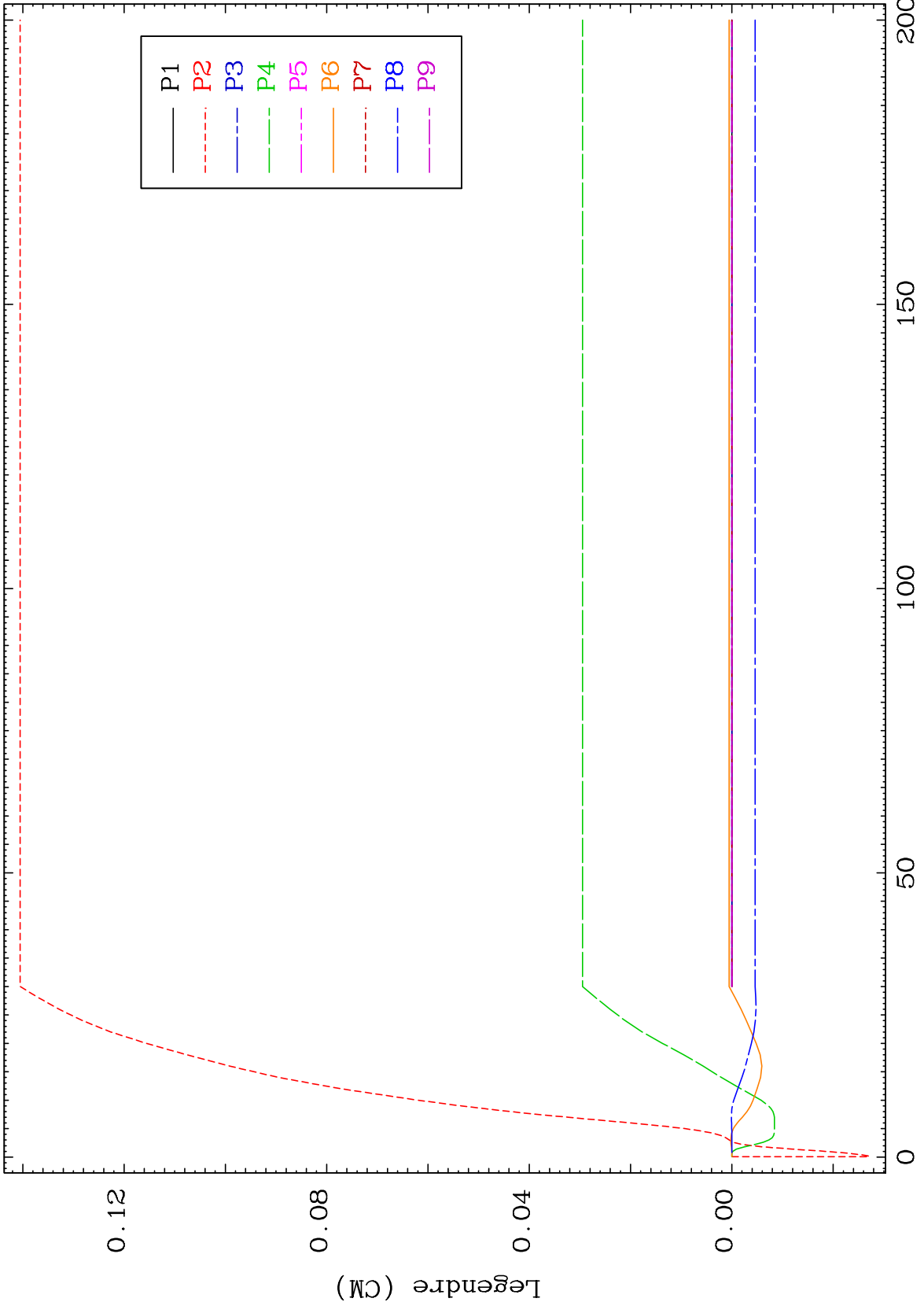
17

Incident Energy (MeV)

40-Zr-83

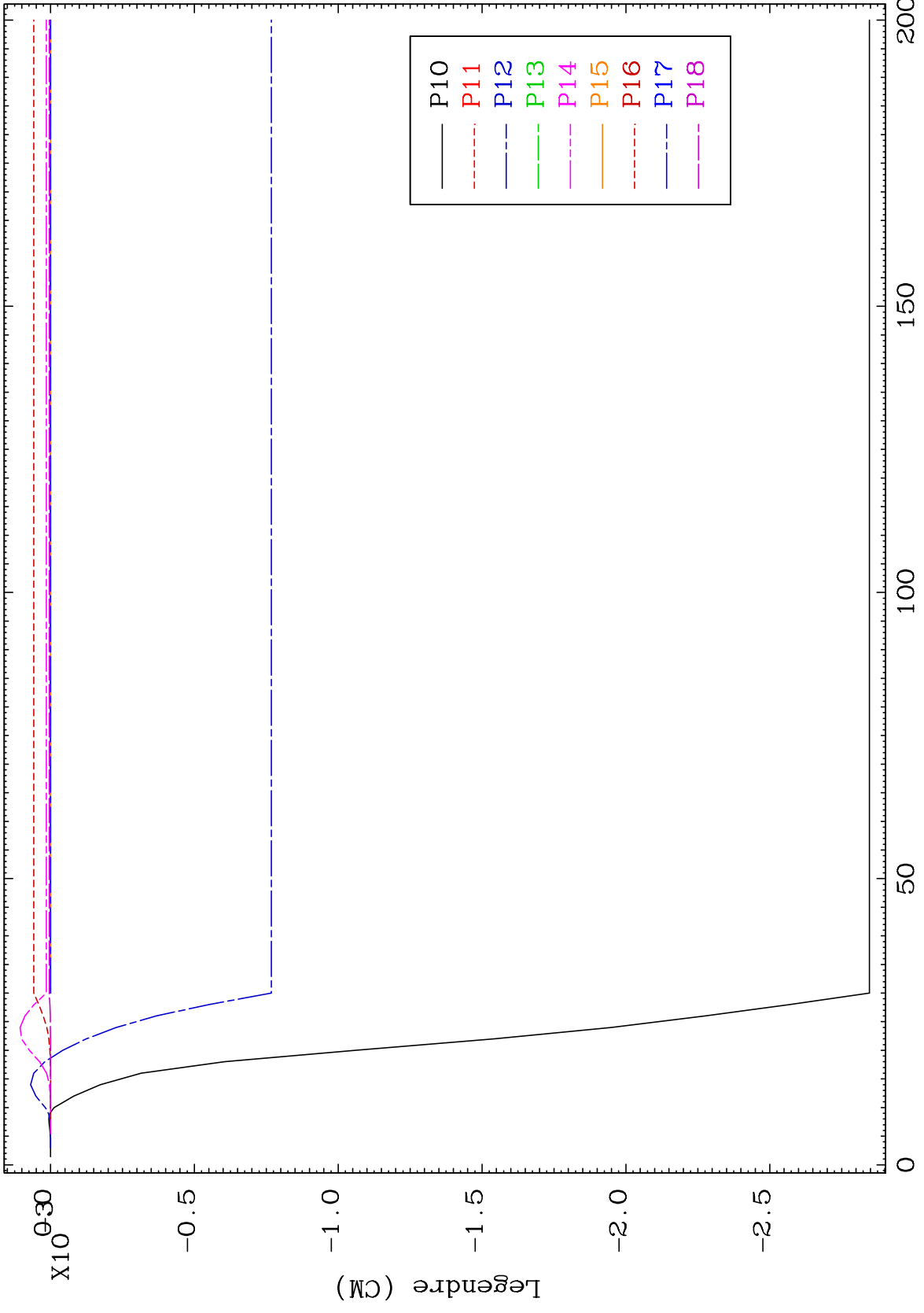


MAT 4004 MT= 51 (n, n') Level Legendre Coefficients 40-Zr-83



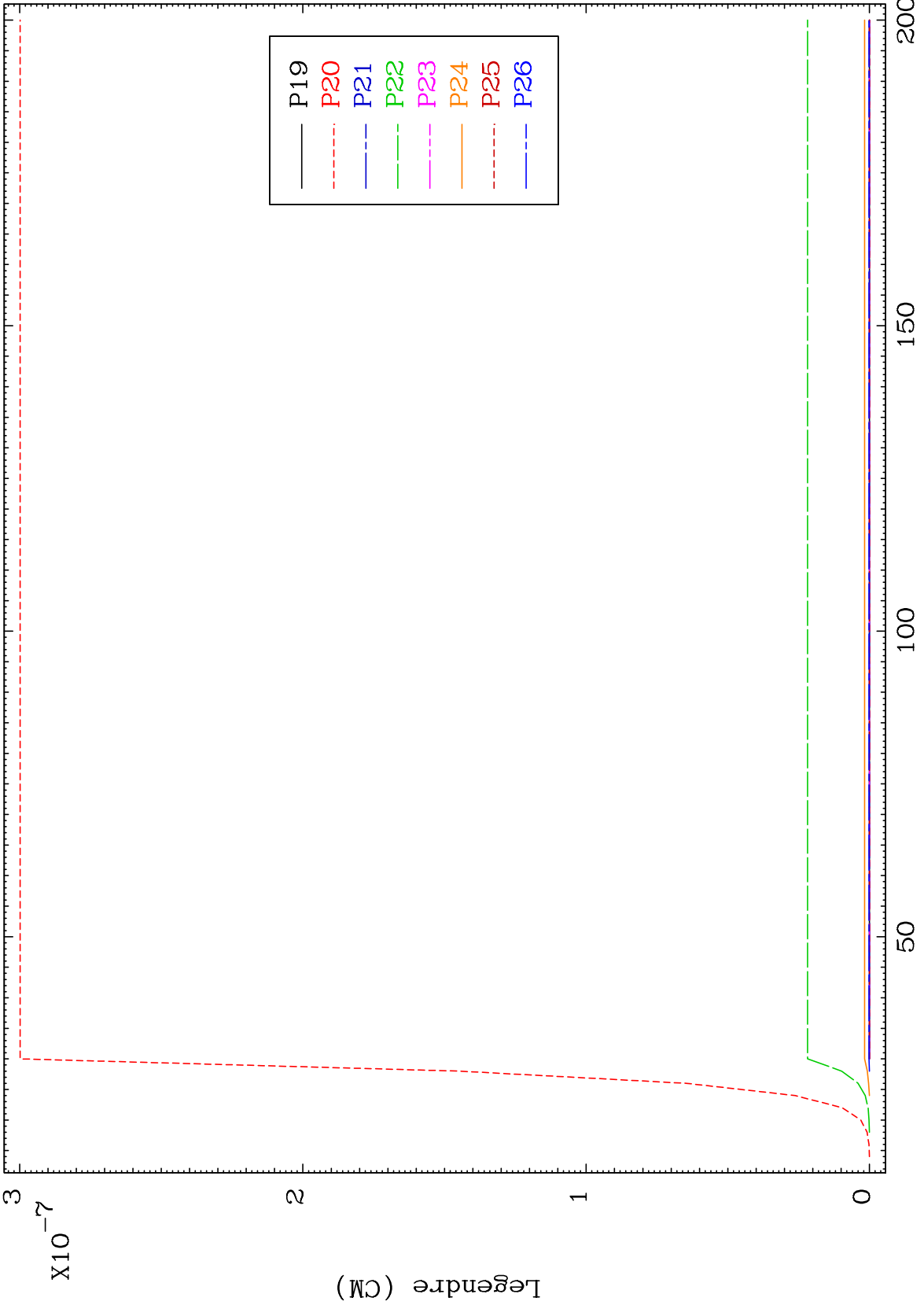
19 40-Zr-83

MAT 4004 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-83



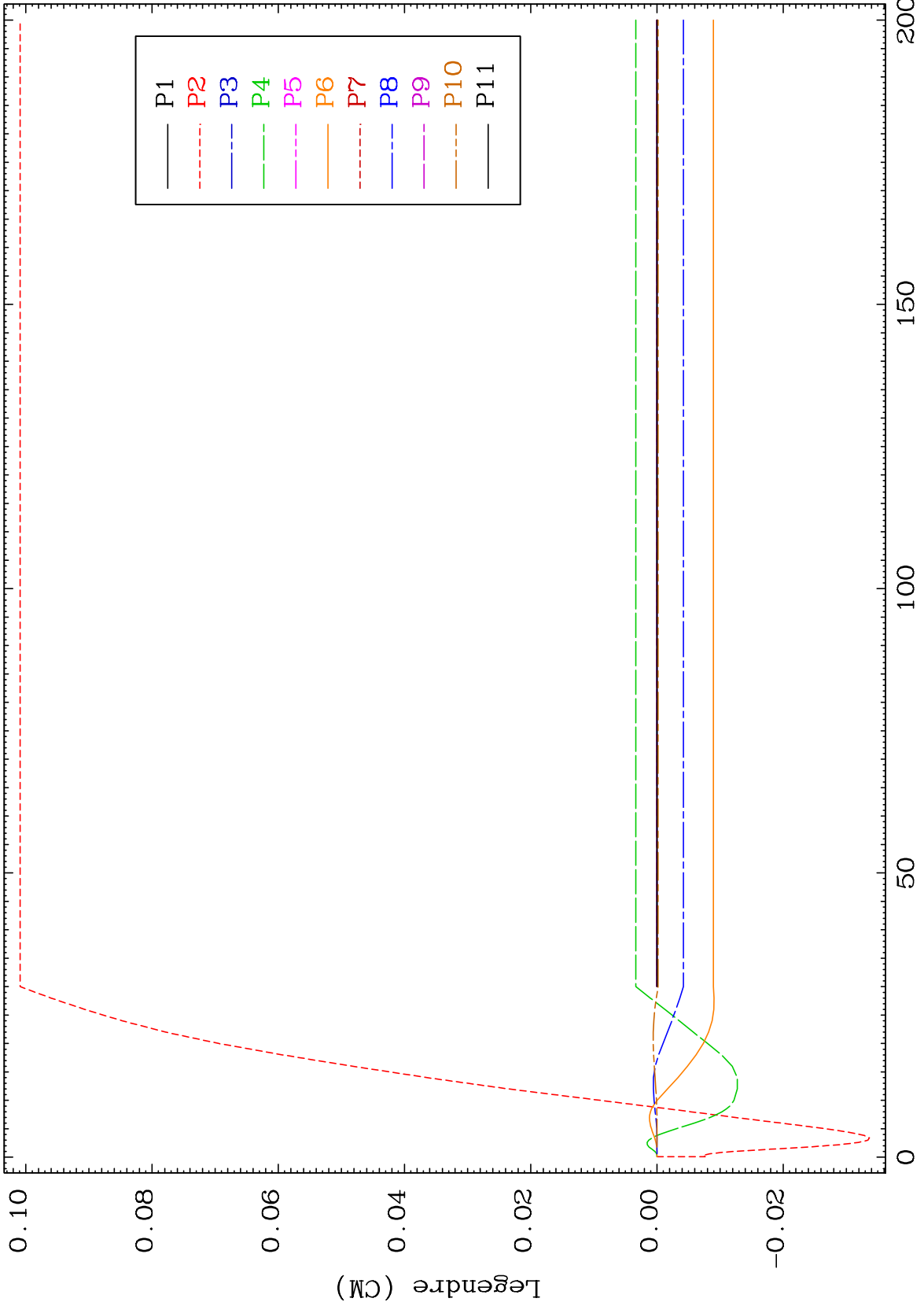
20 50 100 150 200 40-Zr-83

MAT 4004 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-83



21 Incident Energy (MeV) 40-Zr-83

MAT 4004 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-83

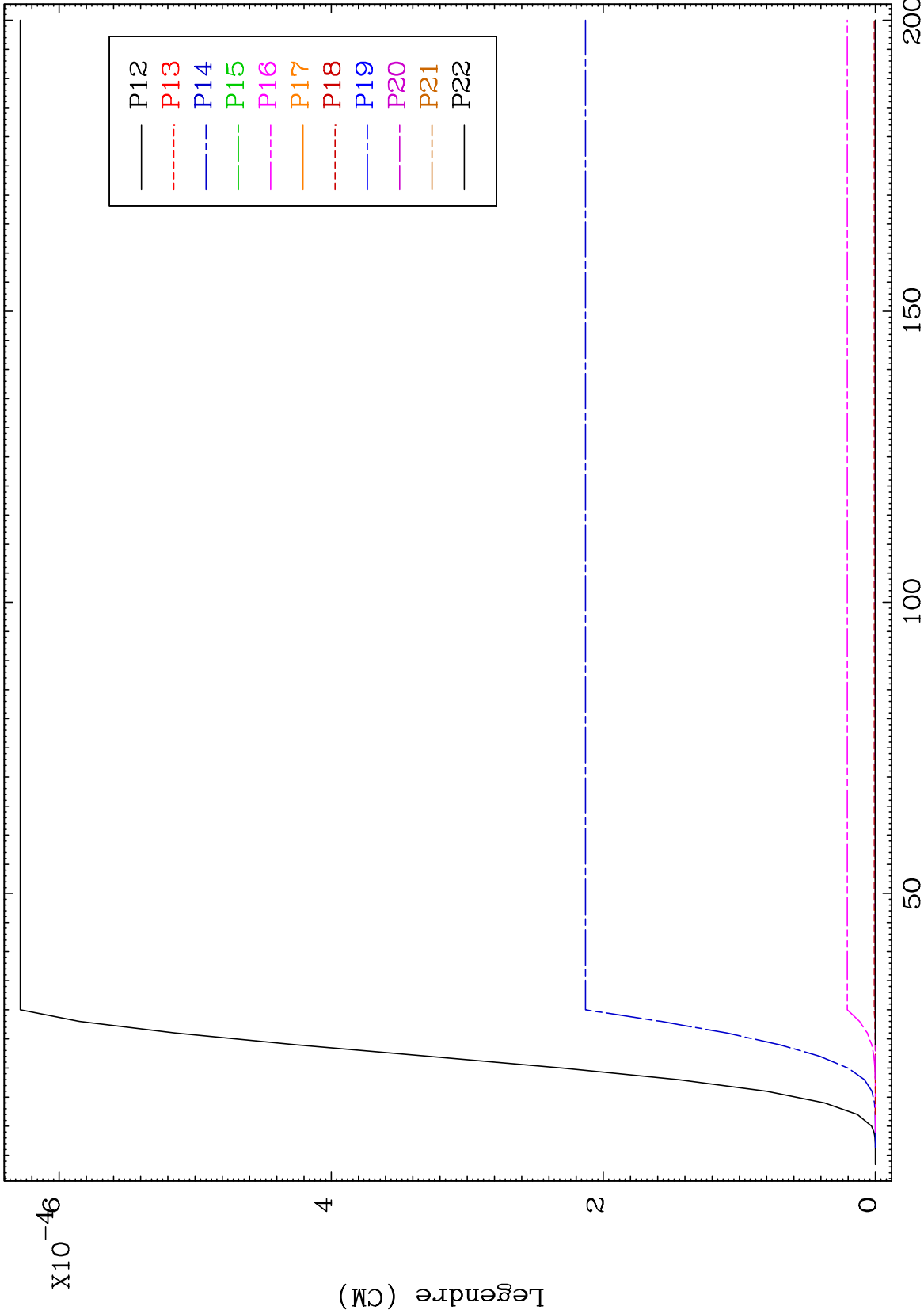


22 Incident Energy (MeV) 40-Zr-83

MAT 4004

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

40-Zr-83



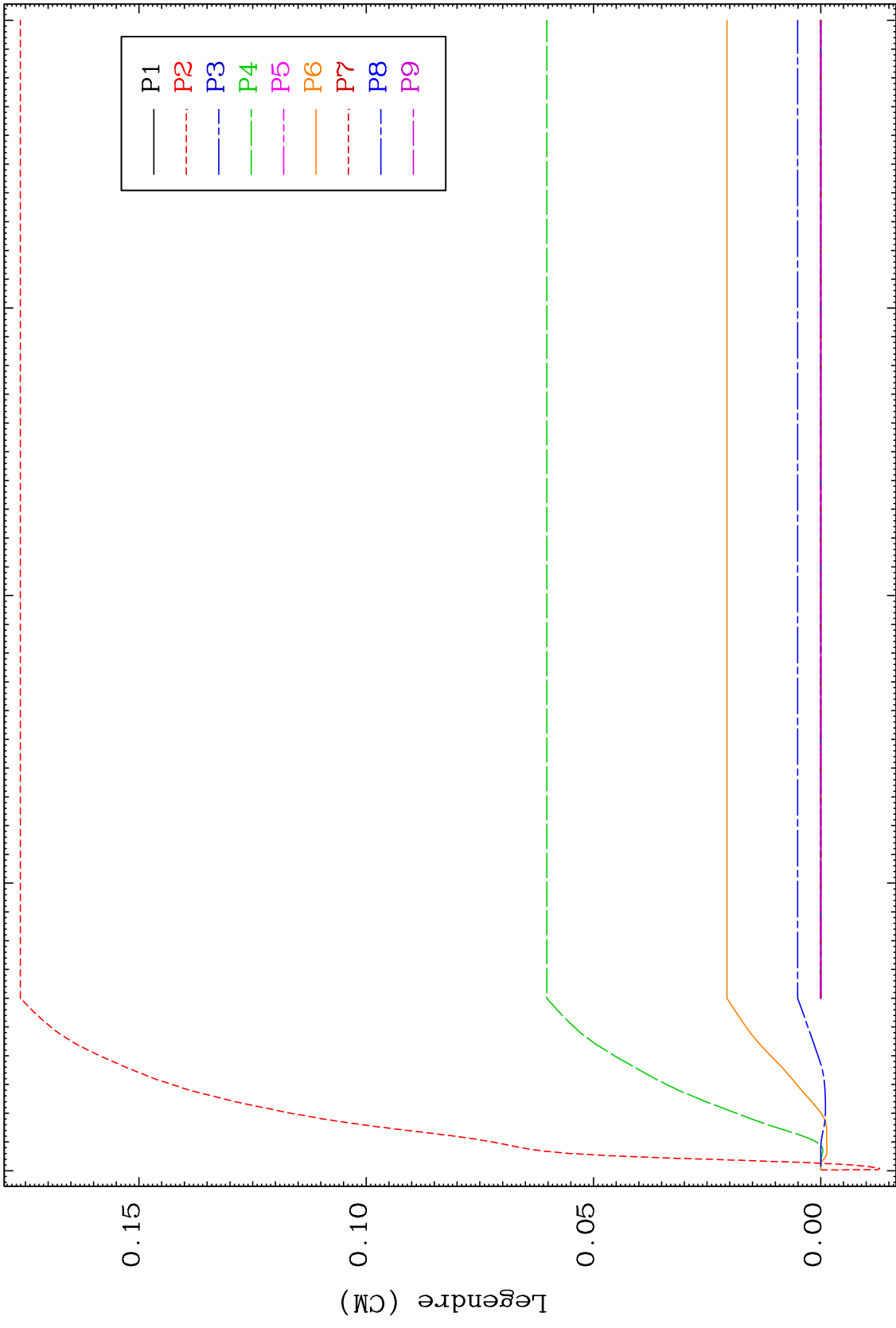
23

Incident Energy (MeV)

40-Zr-83

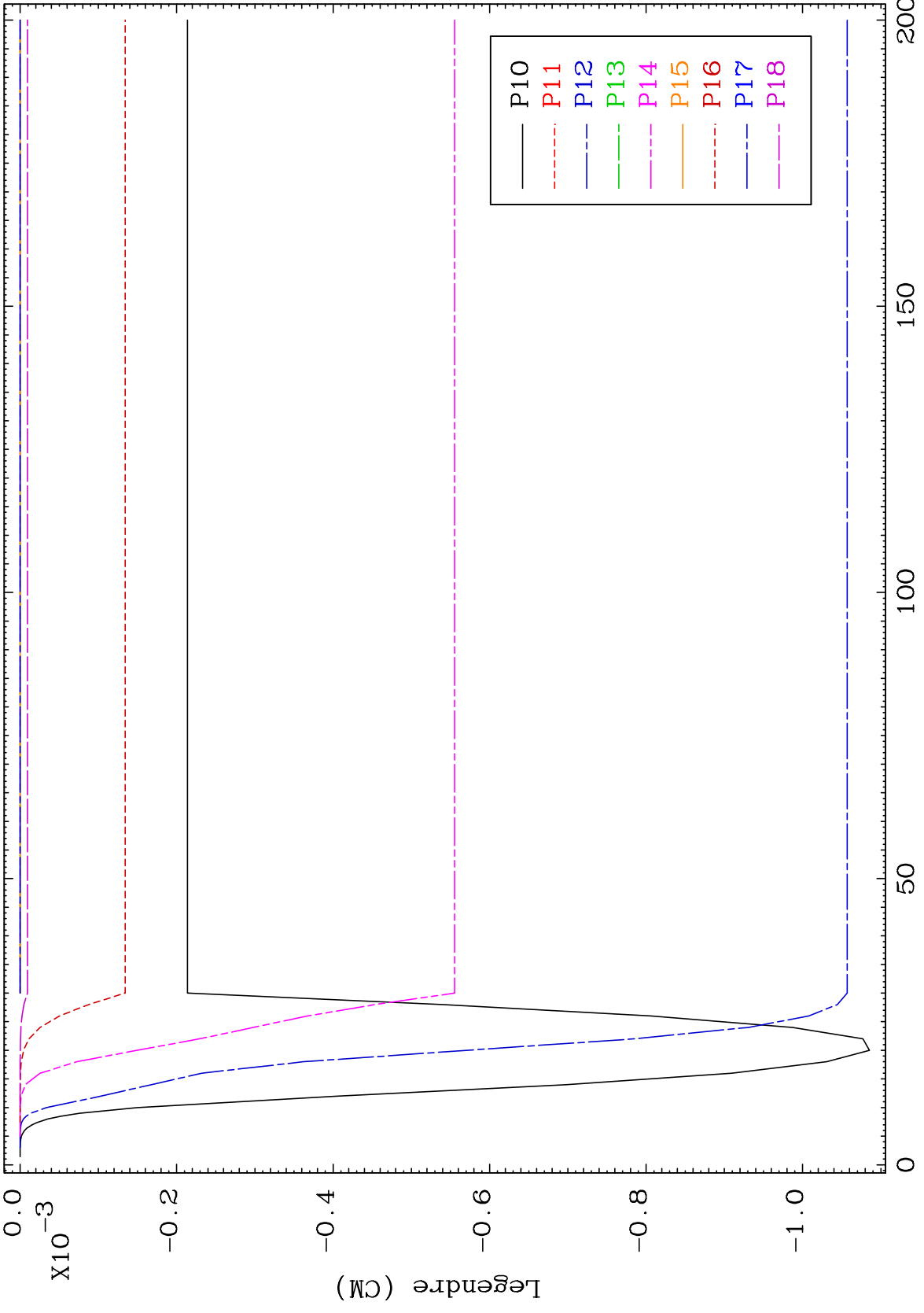


MAT 4004 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-83



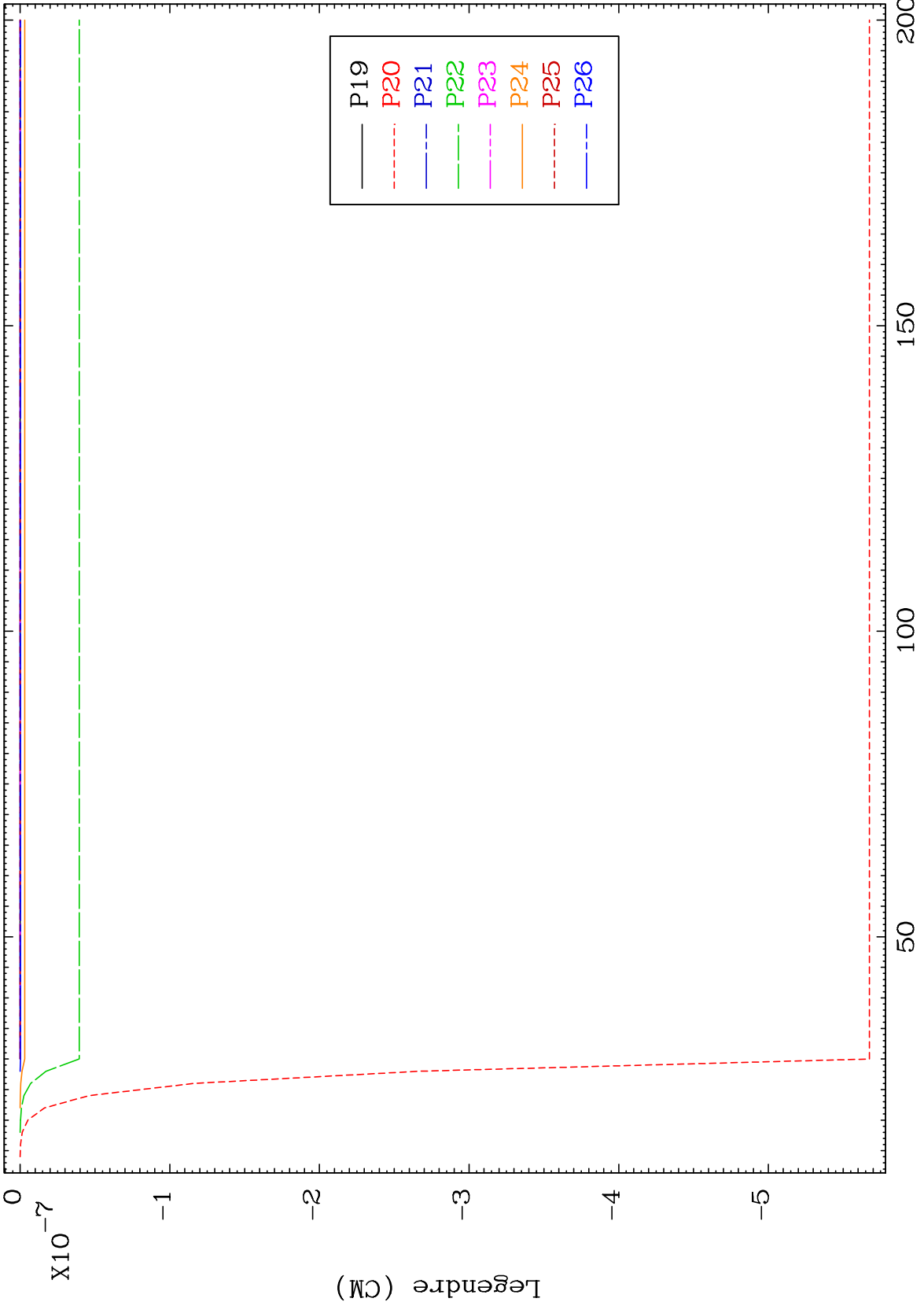
24 40-Zr-83

MAT 4004 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-83



25 40-Zr-83

MAT 4004 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-83

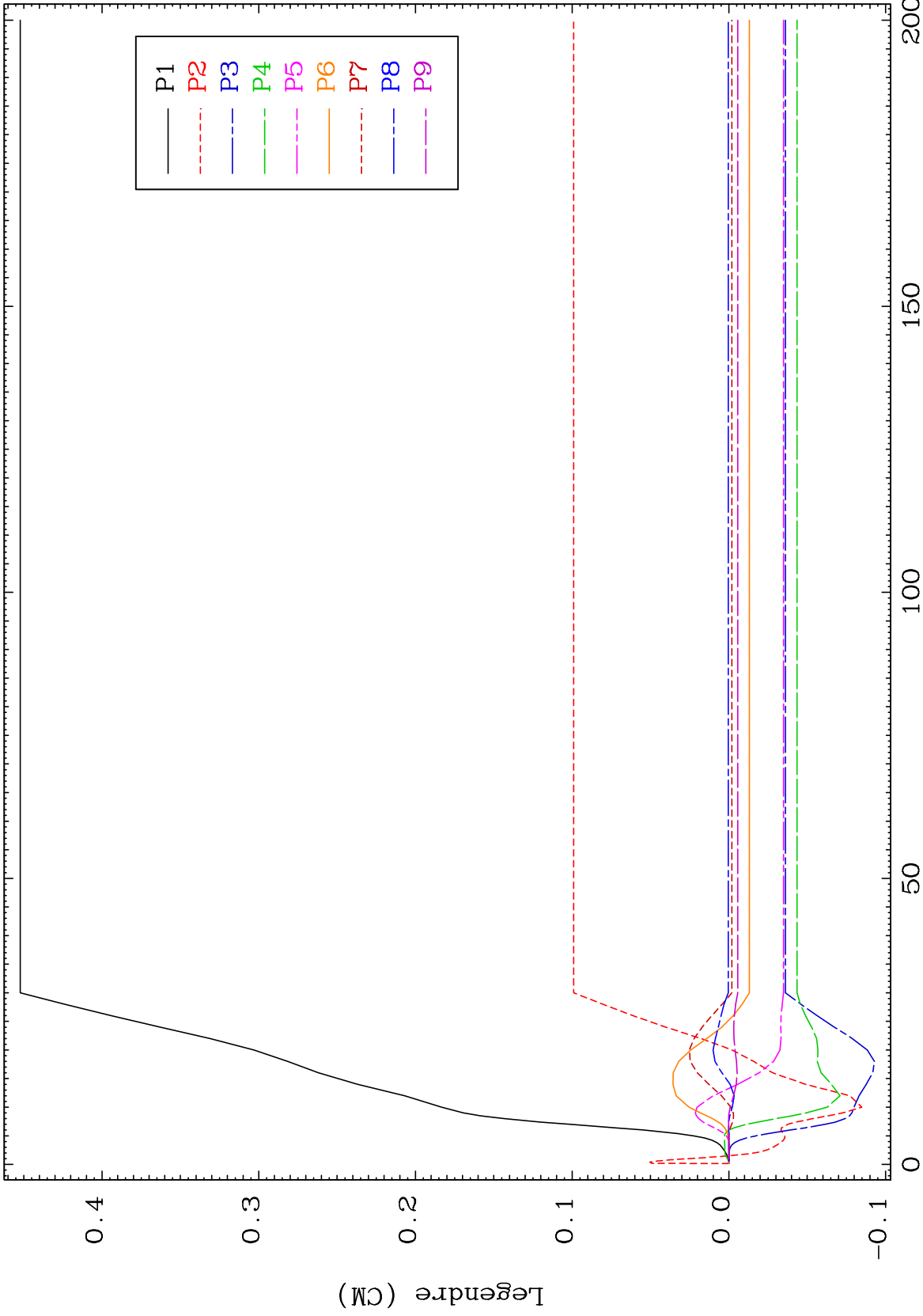


26 40-Zr-83

MAT 4004

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

40-Zr-83

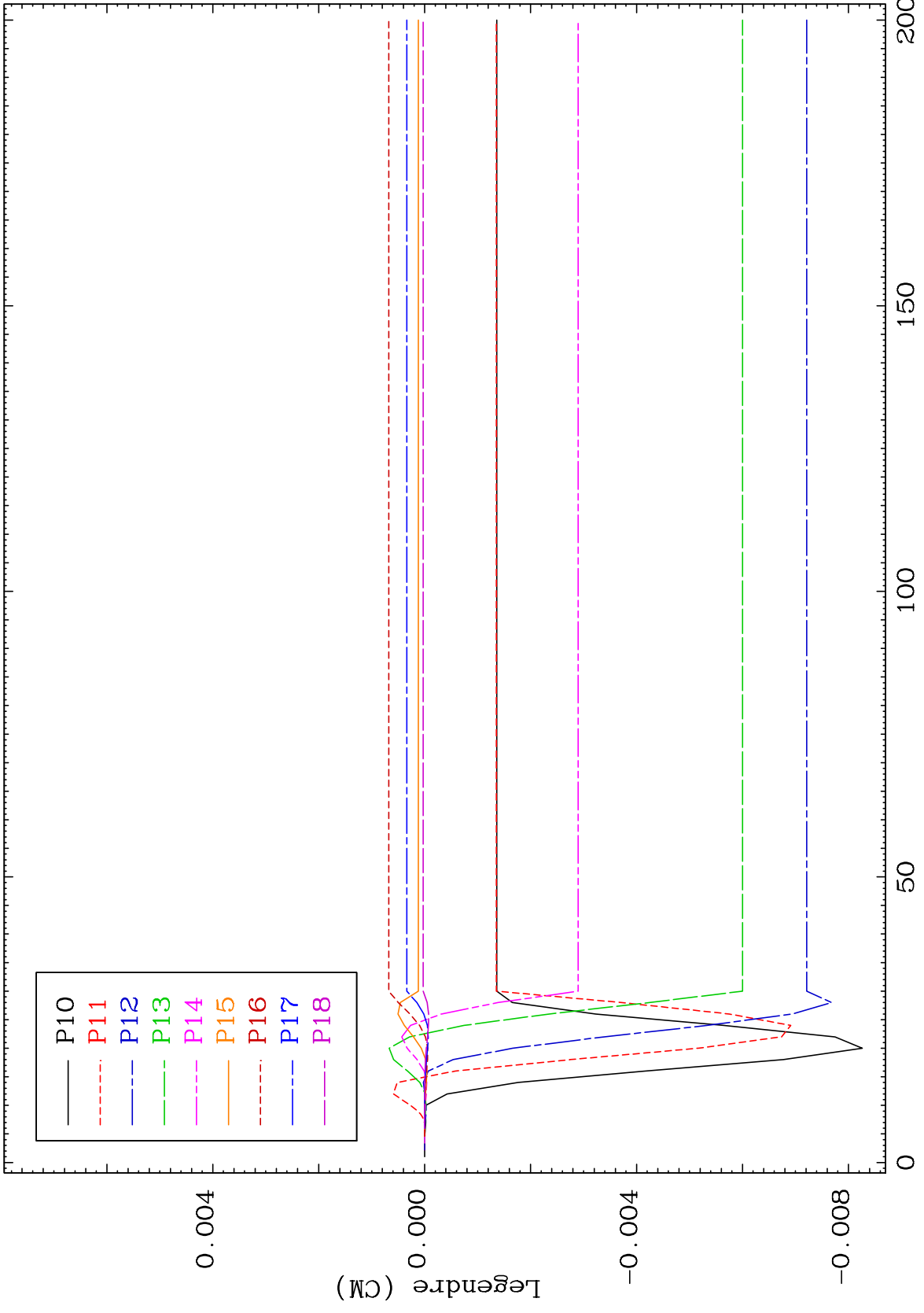


27

Incident Energy (MeV)

40-Zr-83

MAT 4004 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-83



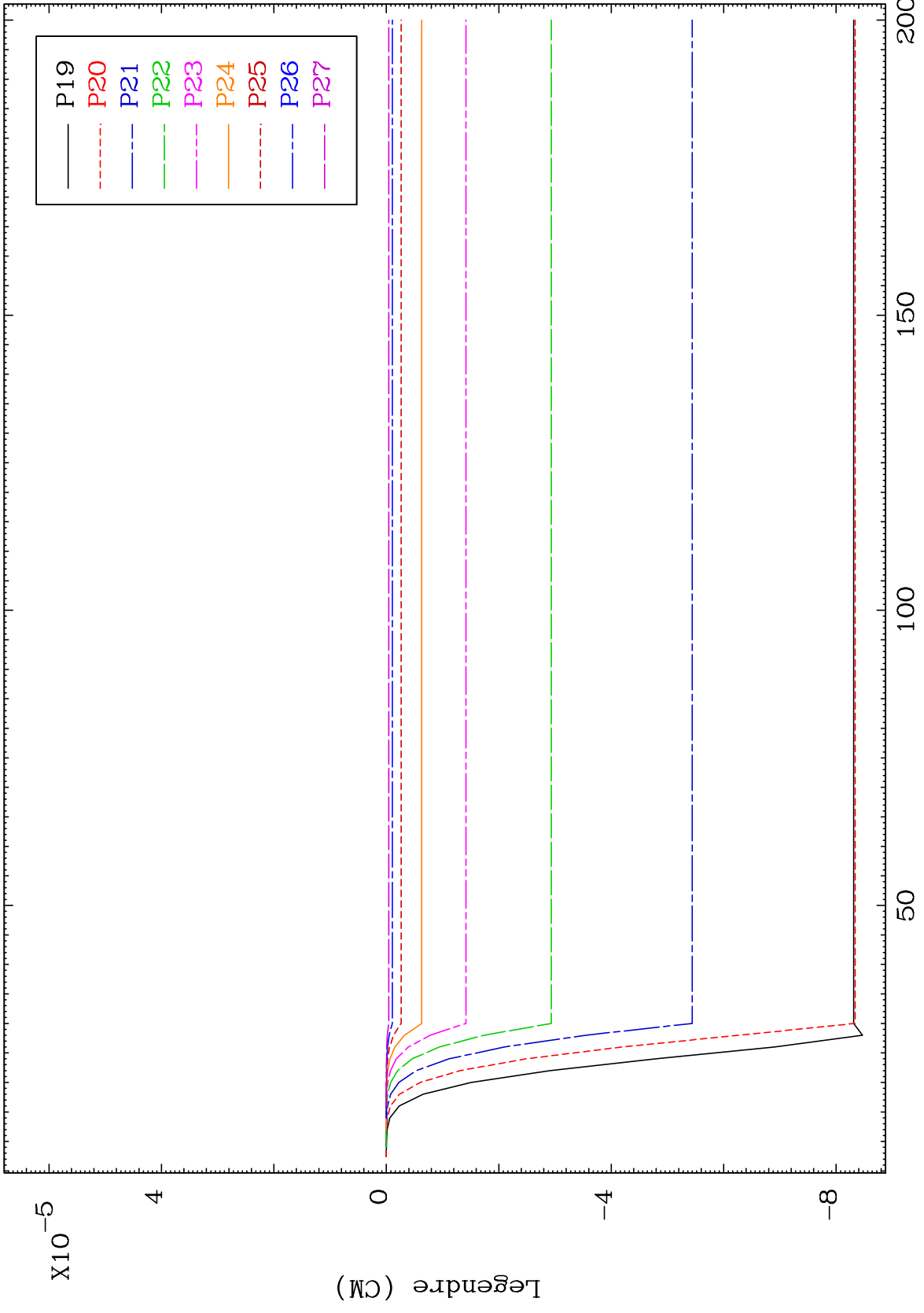
40-Zr-83

28

MAT 4004

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

40-Zr-83

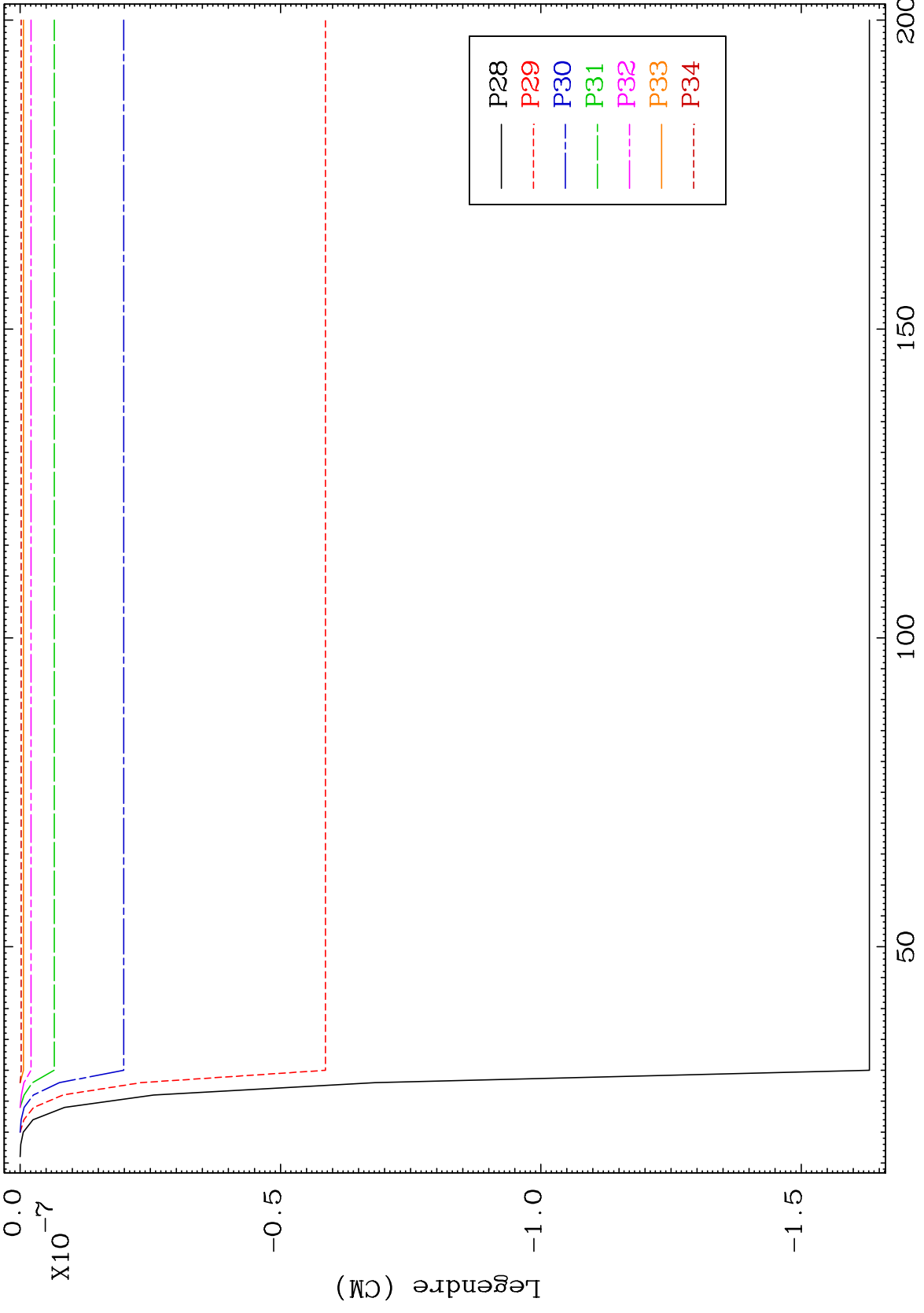


29

Incident Energy (MeV)

40-Zr-83

MAT 4004 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-83

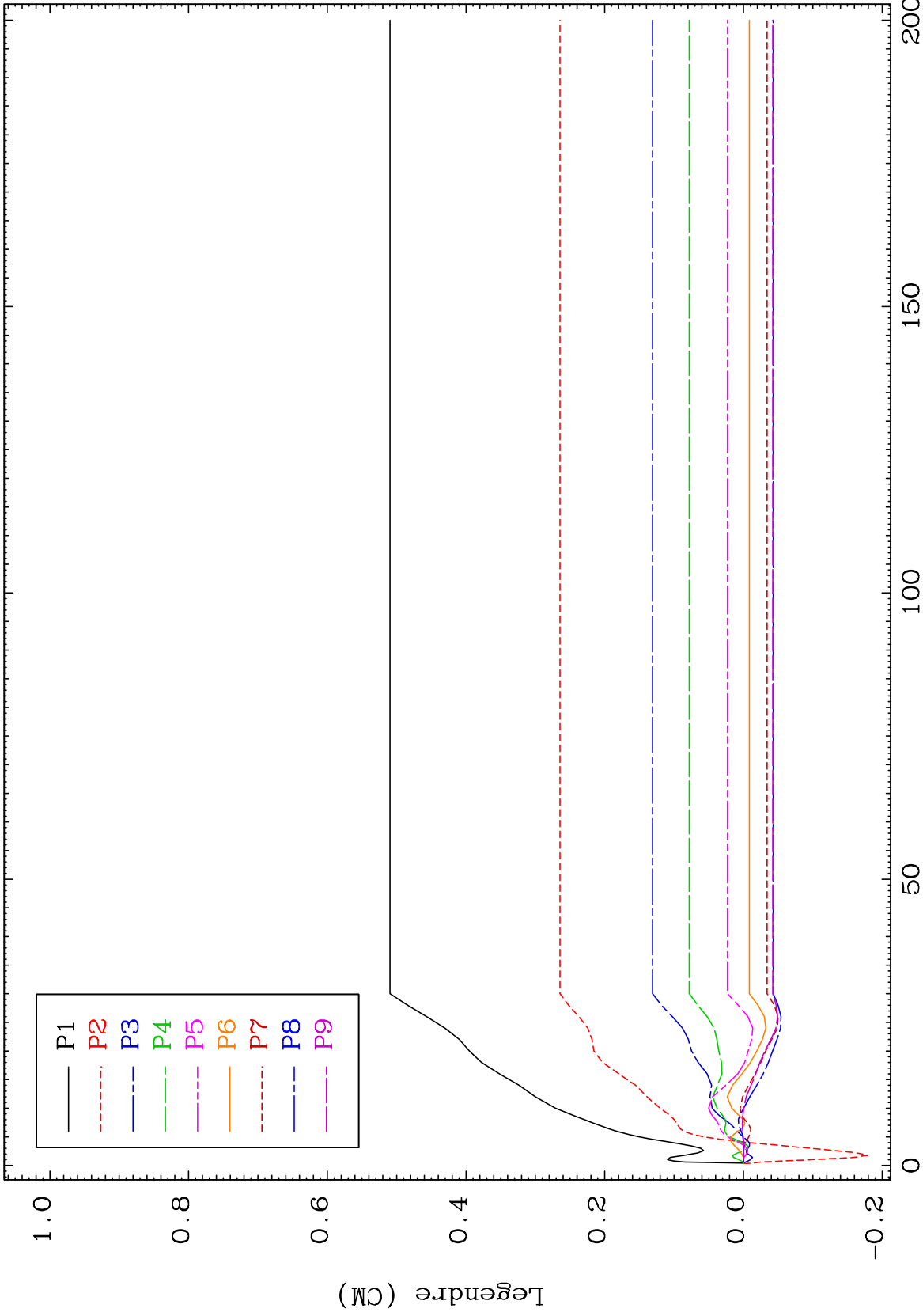


30 50 100 150 200 40-Zr-83

MAT 4004

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

40-Zr-83



31

Incident Energy (MeV)

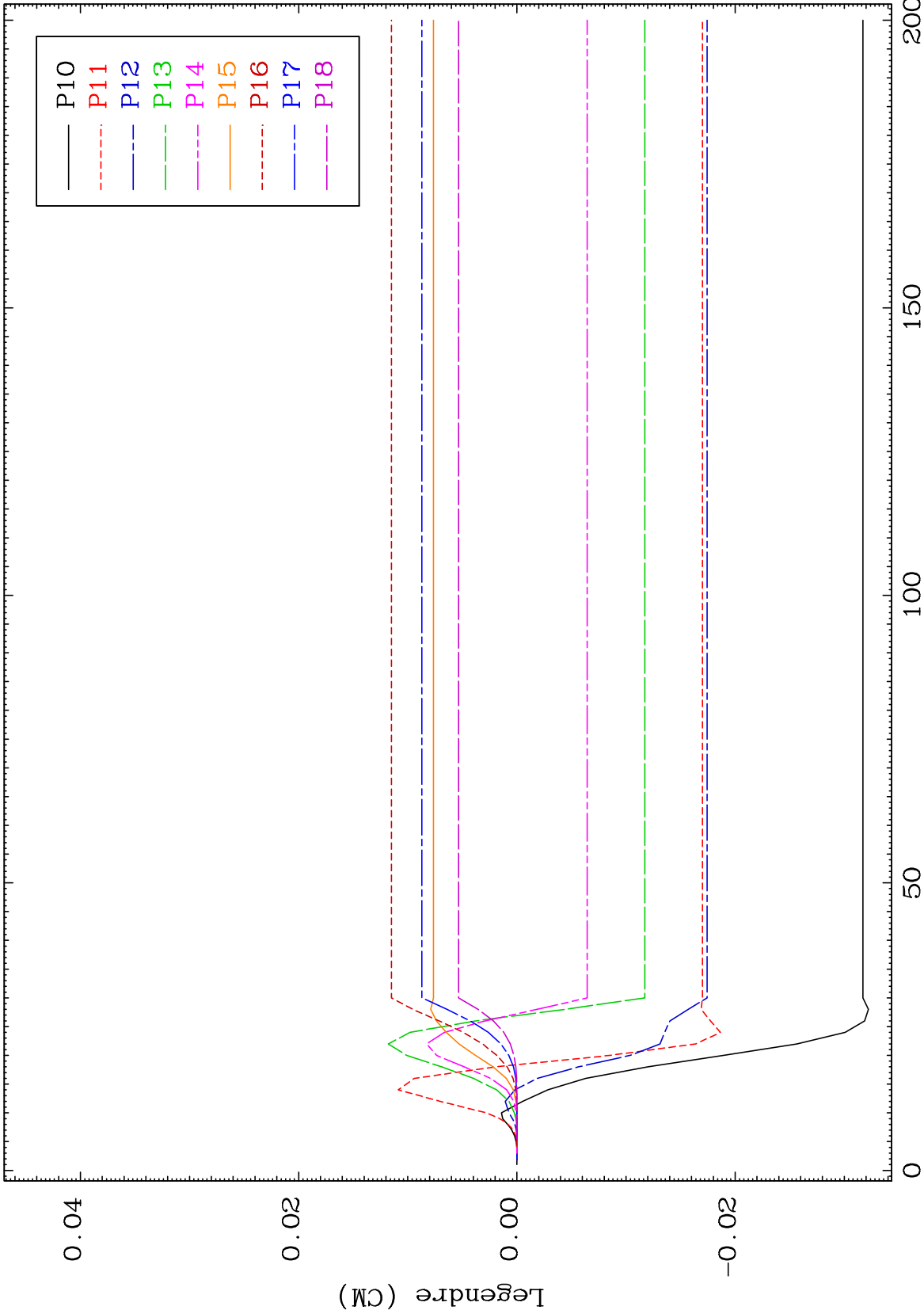
40-Zr-83



MAT 4004

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

40-Zr-83



32

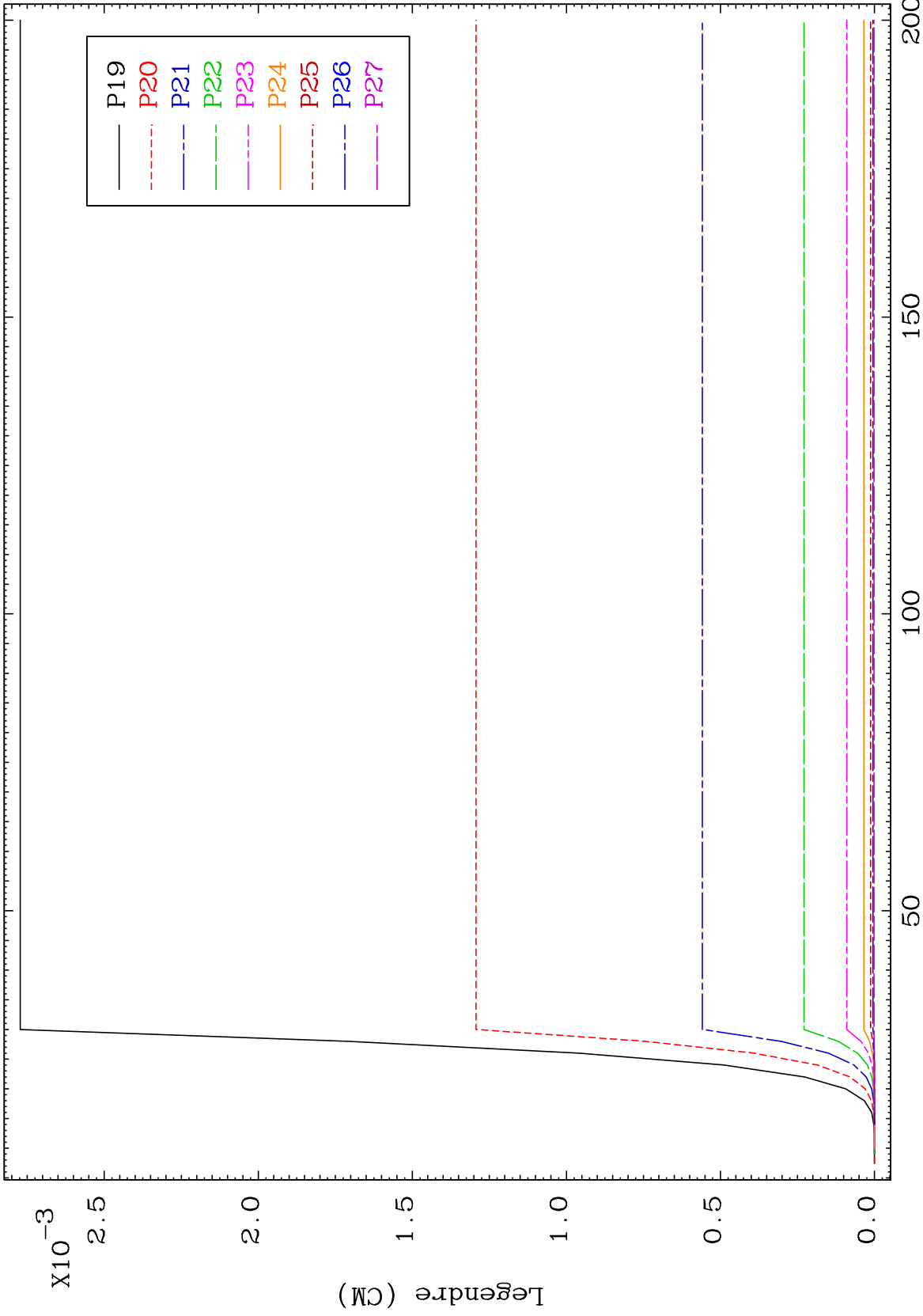
Incident Energy (MeV)

40-Zr-83

MAT 4004

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

40-Zr-83



33

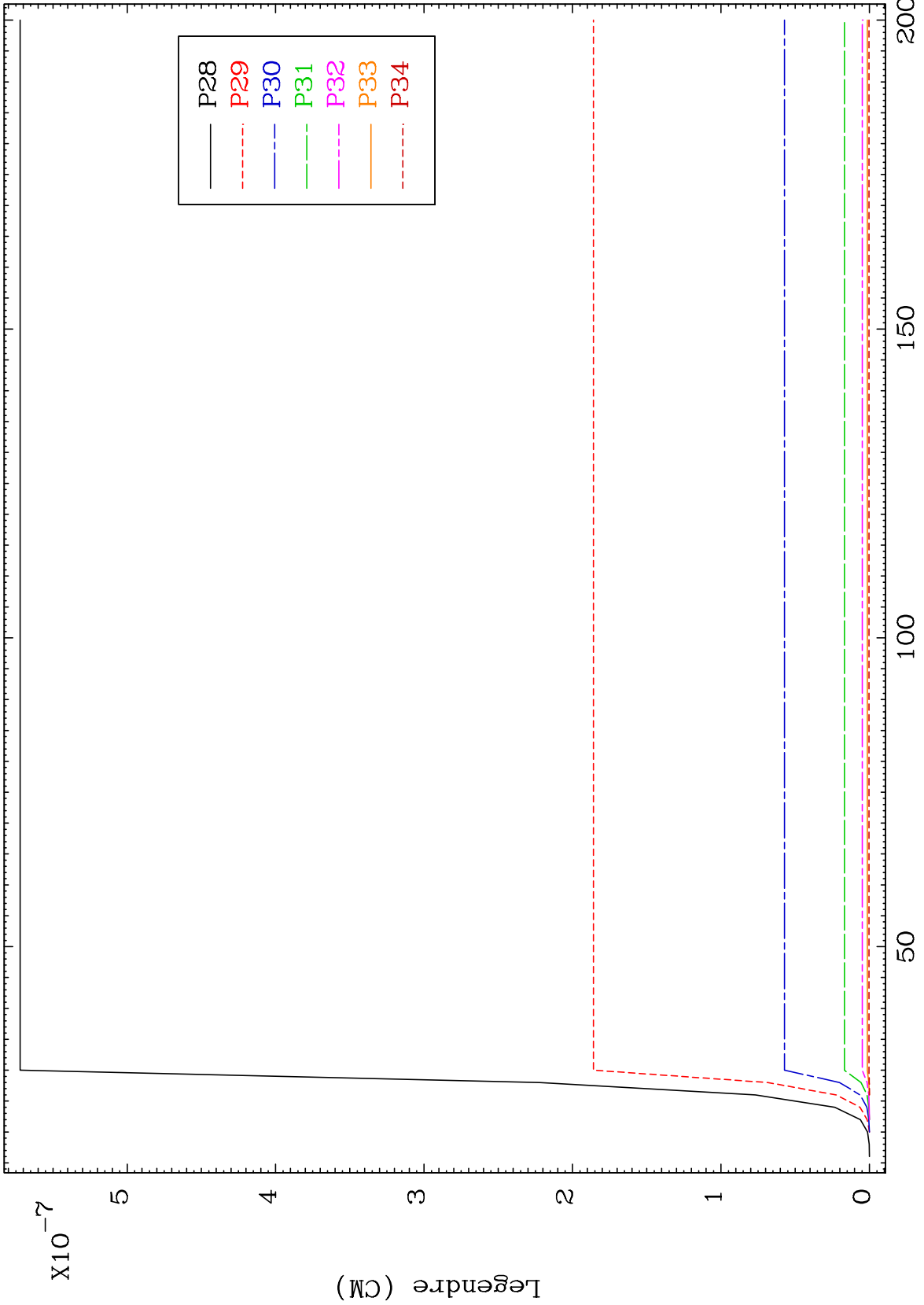
Incident Energy (MeV)

40-Zr-83

MAT 4004

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

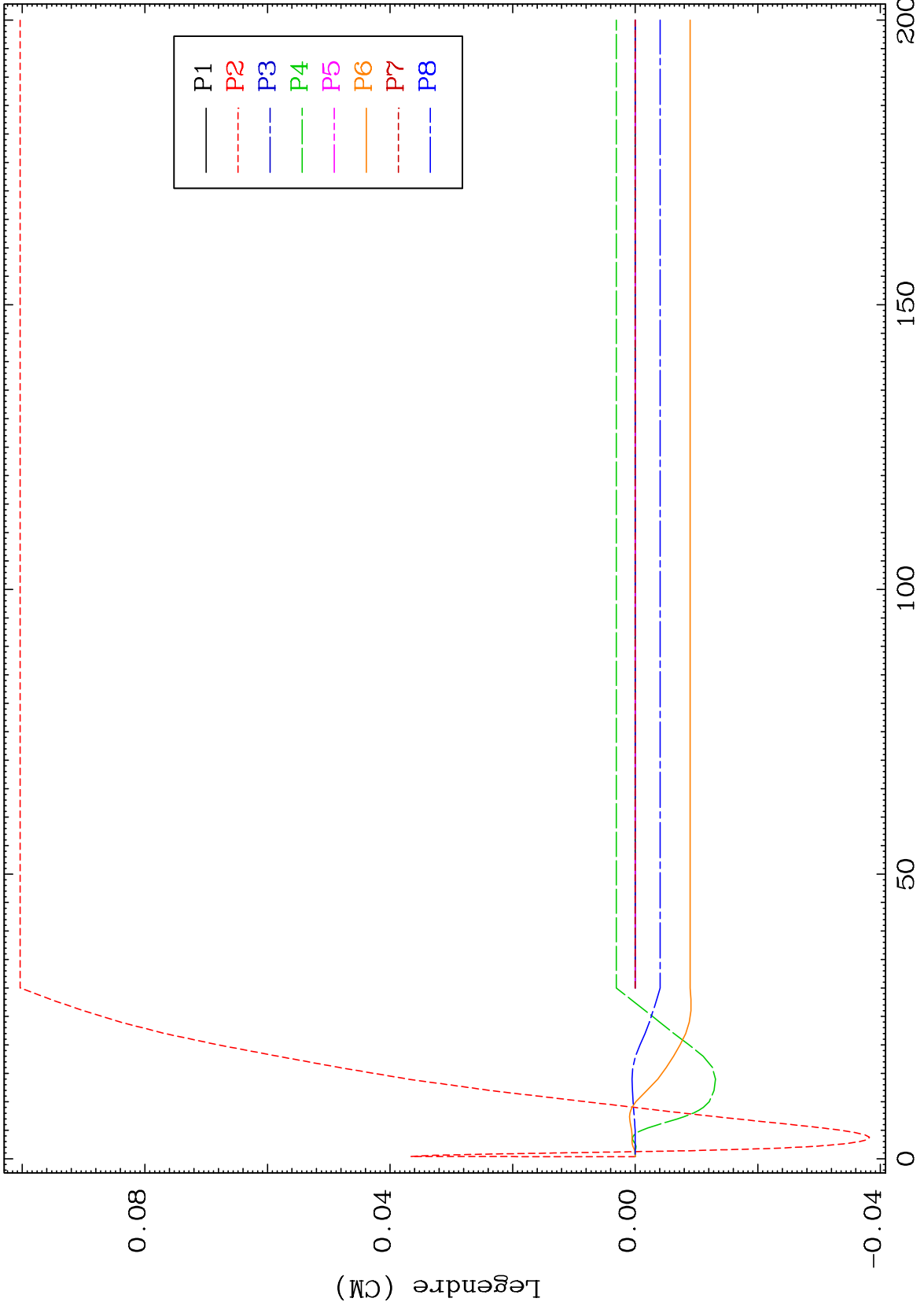
40-Zr-83



34

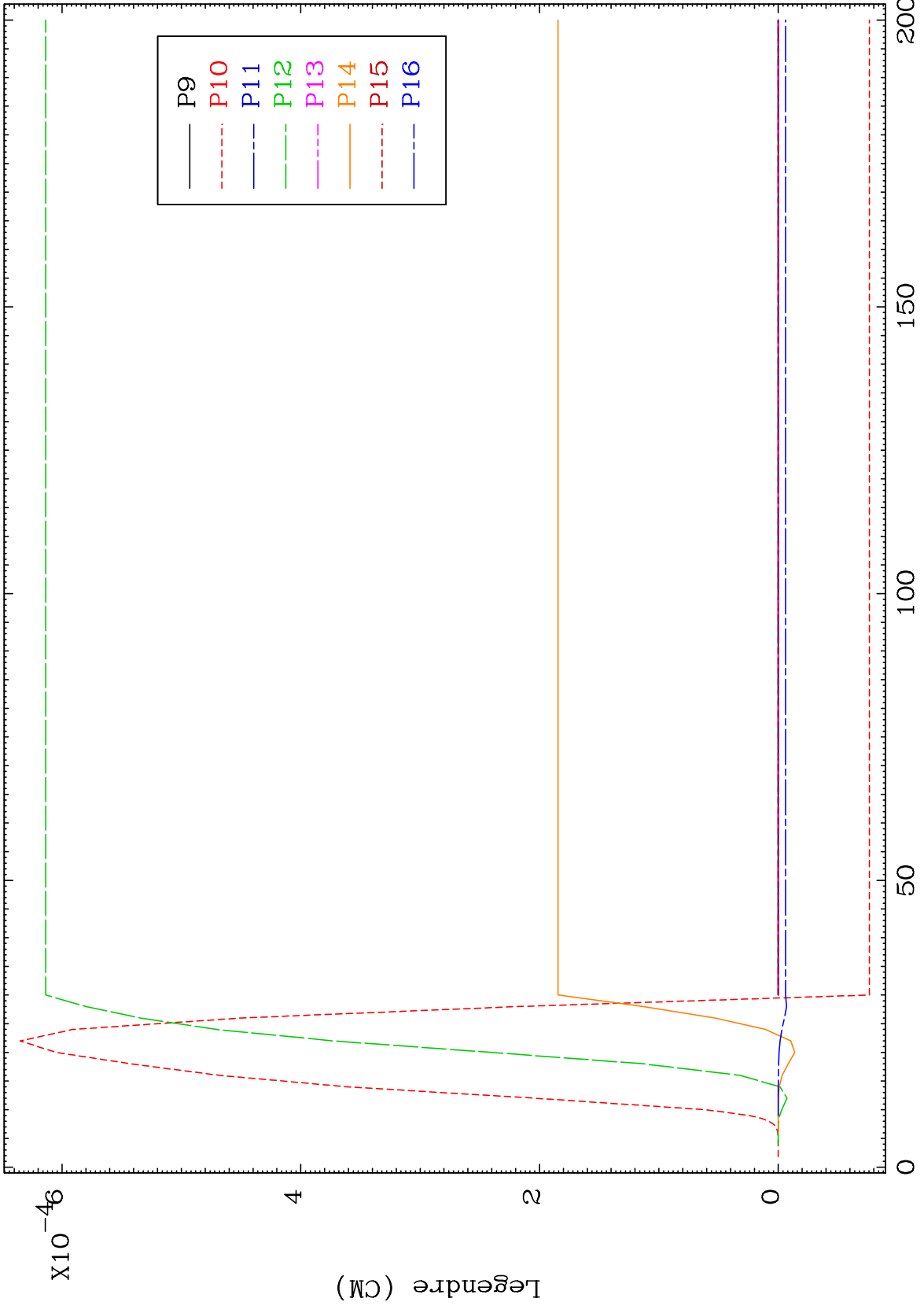
40-Zr-83

MAT 4004 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-83



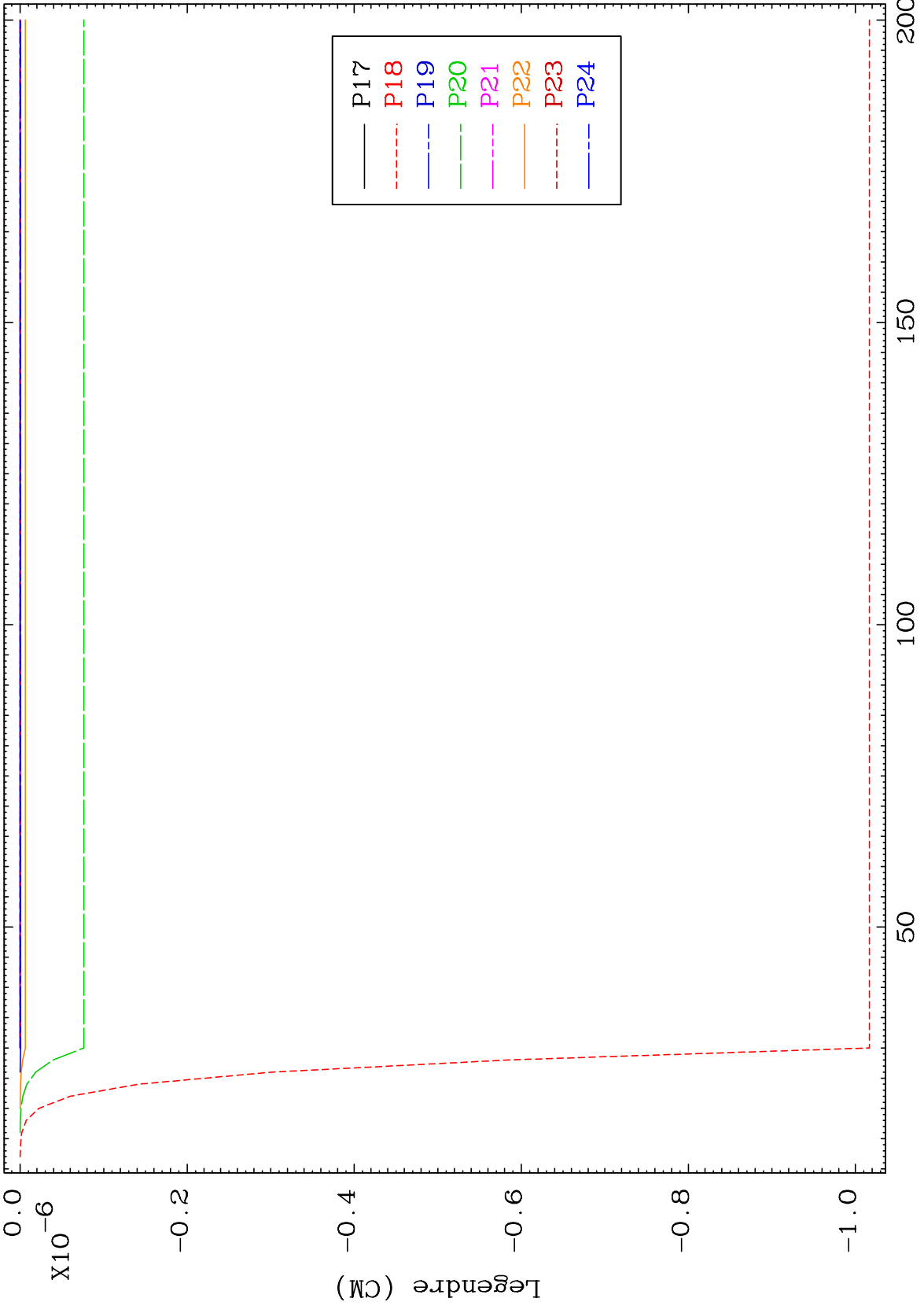
35 40-Zr-83

MAT 4004 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-83

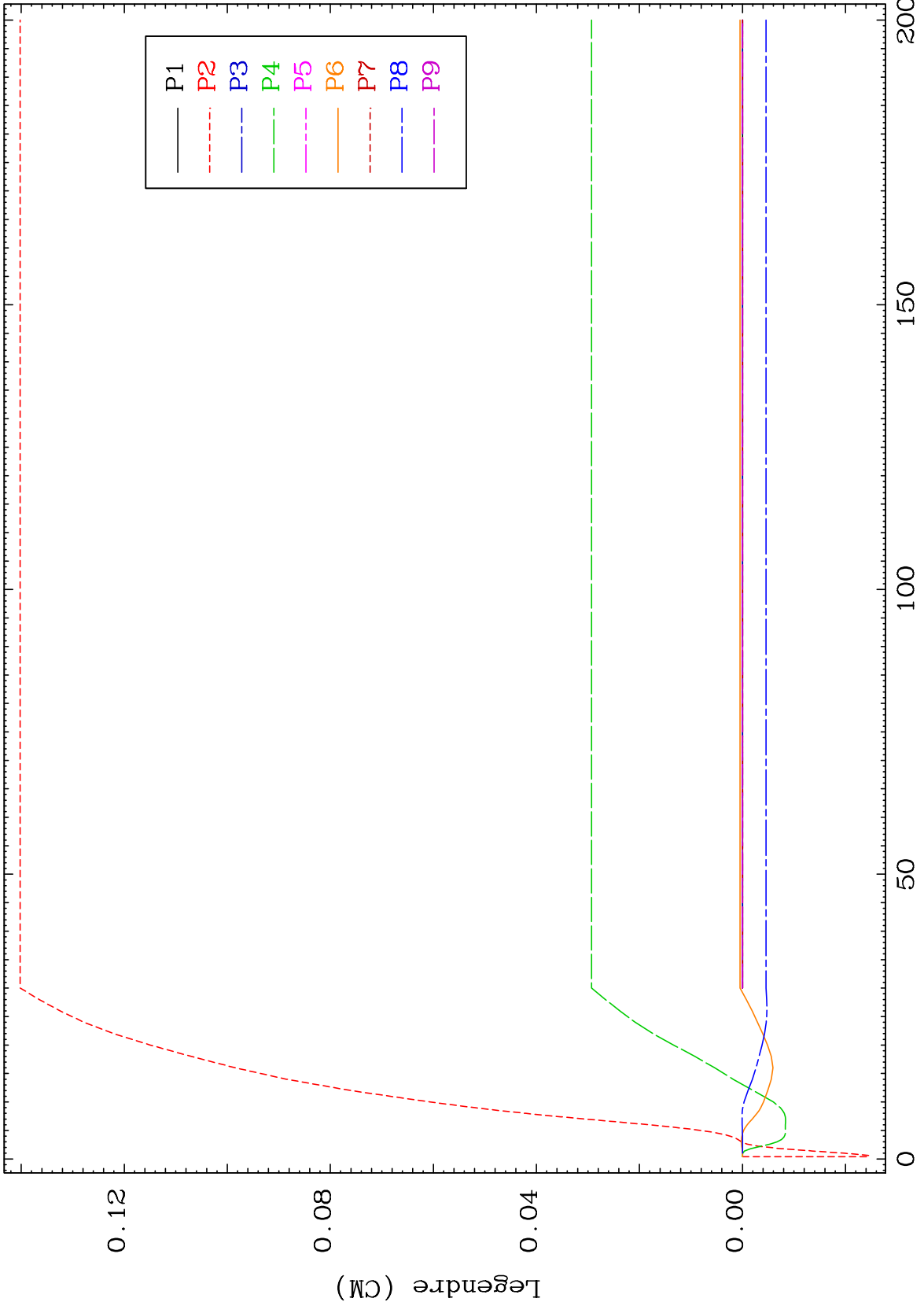


36 40-Zr-83

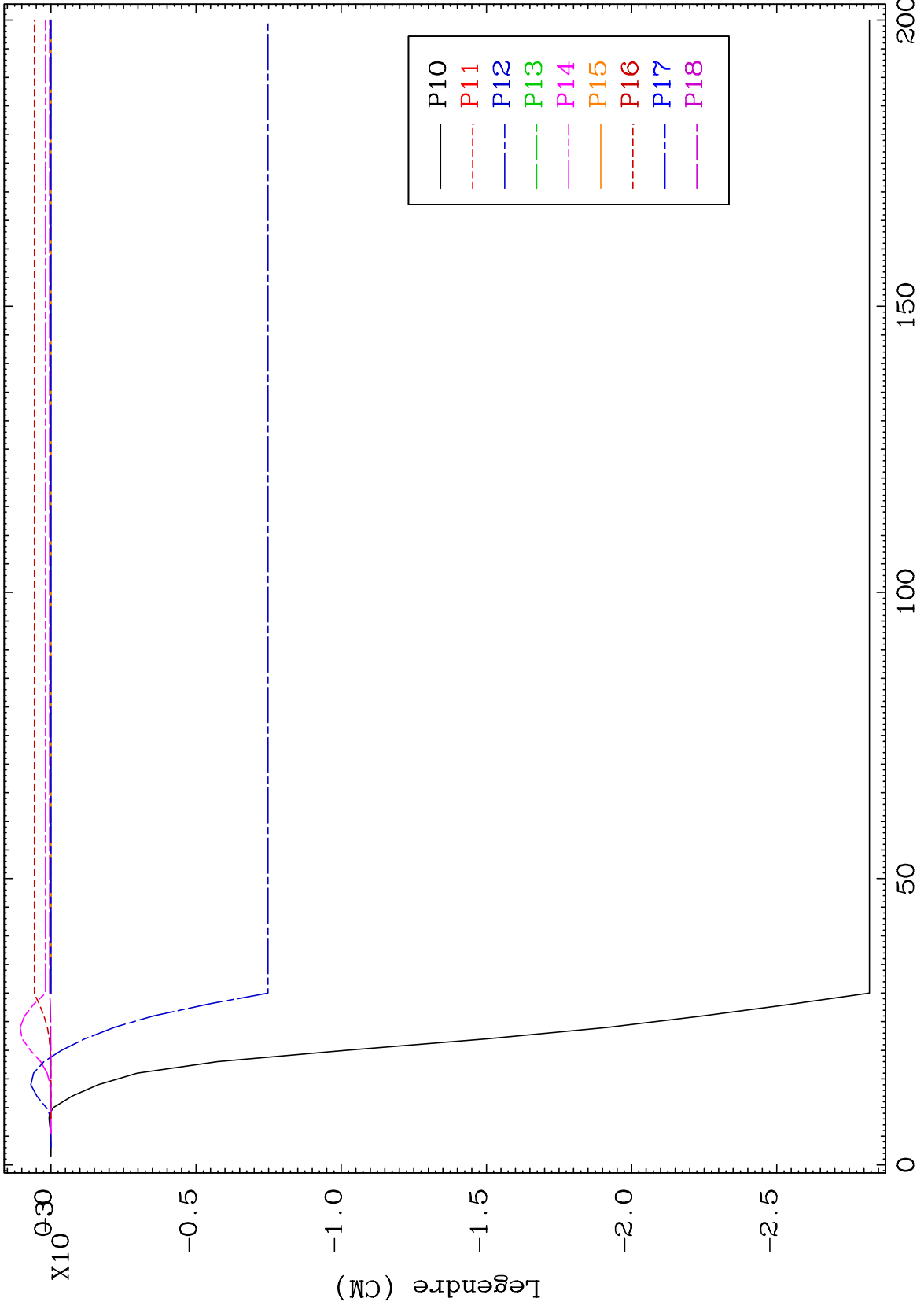
MAT 4004 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-83



MAT 4004 MT= 57 (n,n') Level Legendre Coefficients 40-Zr-83

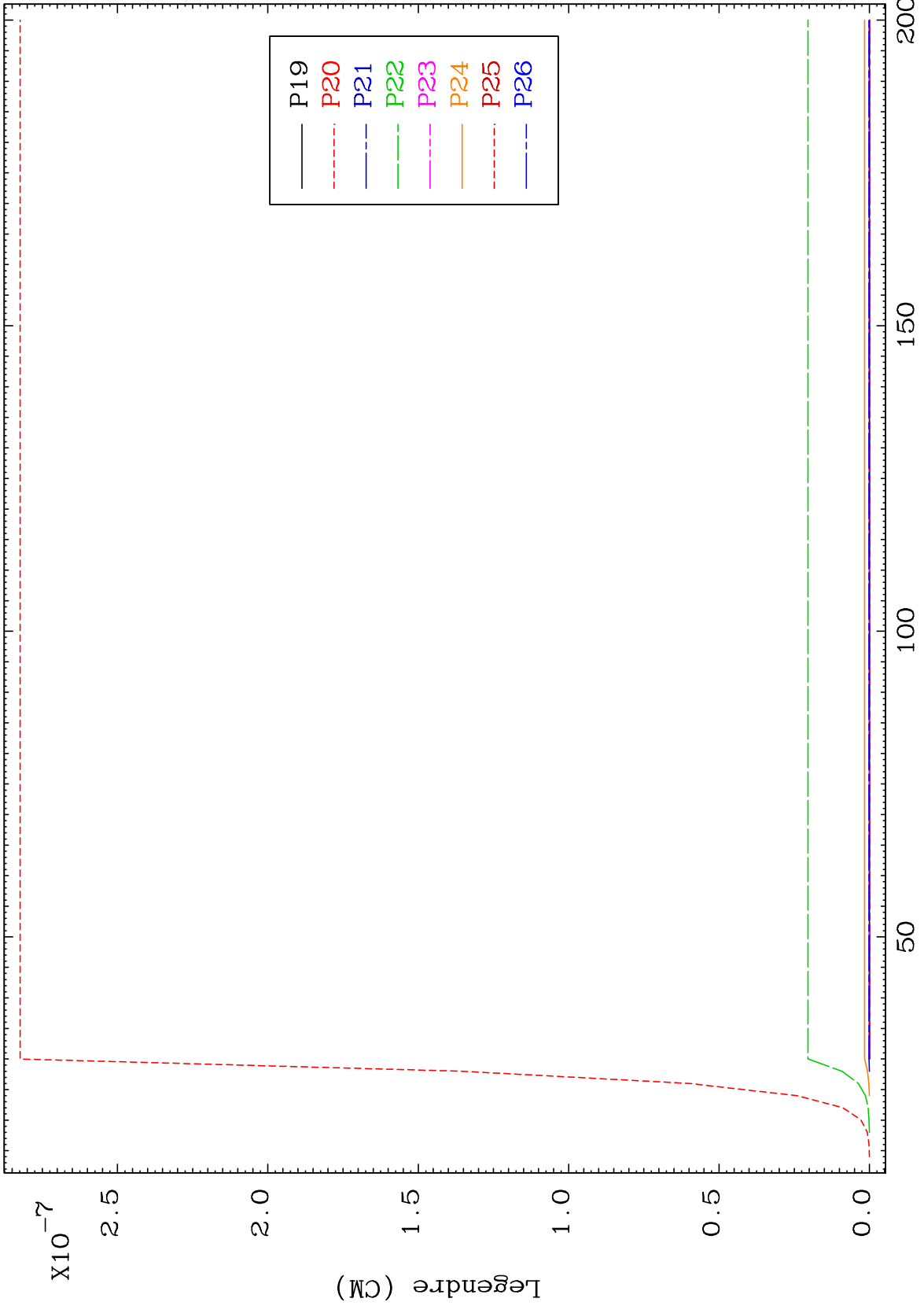


38 Incident Energy (MeV) 40-Zr-83



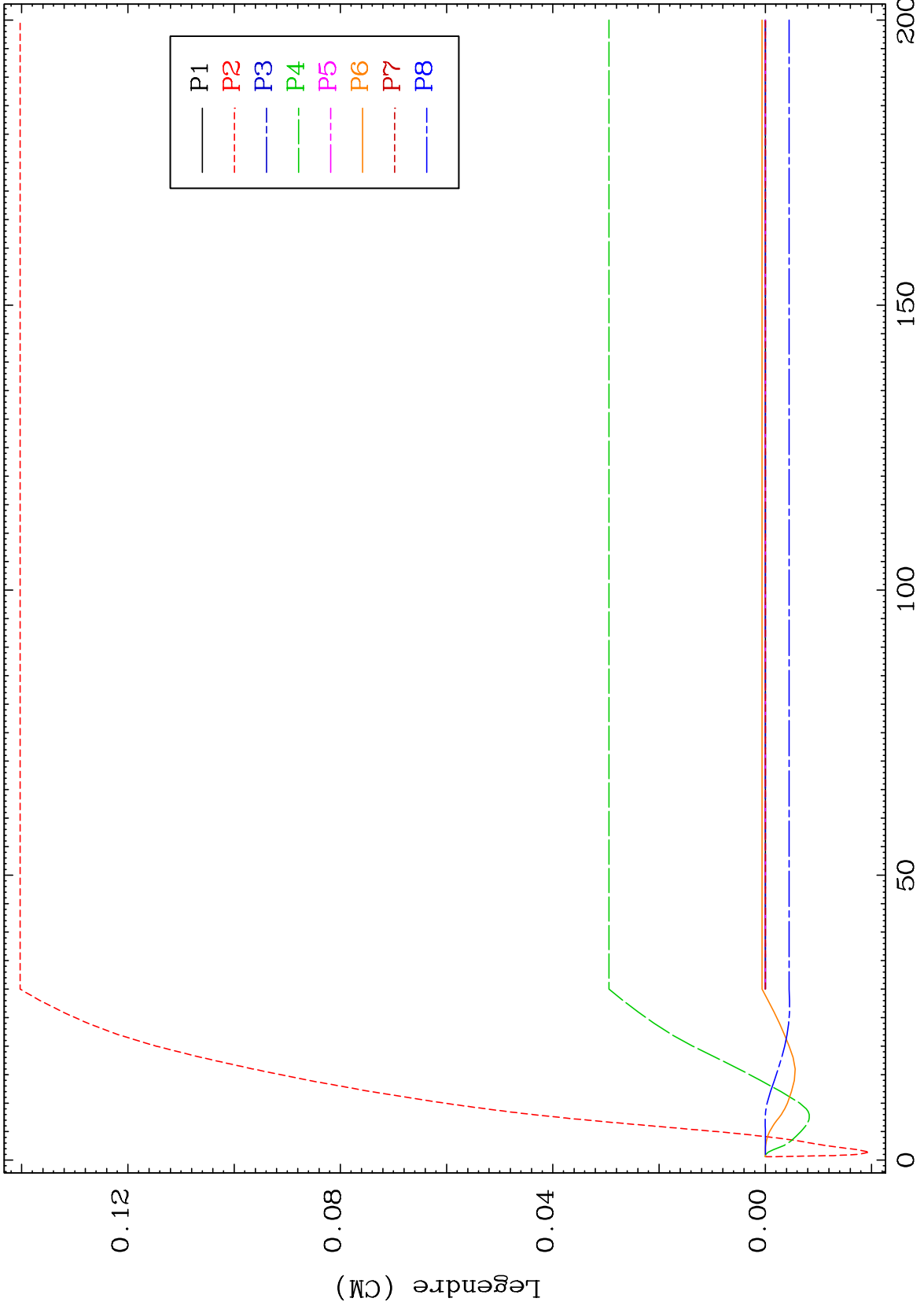


MAT 4004 MT= 57 (n,n') Level Legendre Coefficients 40-Zr-83



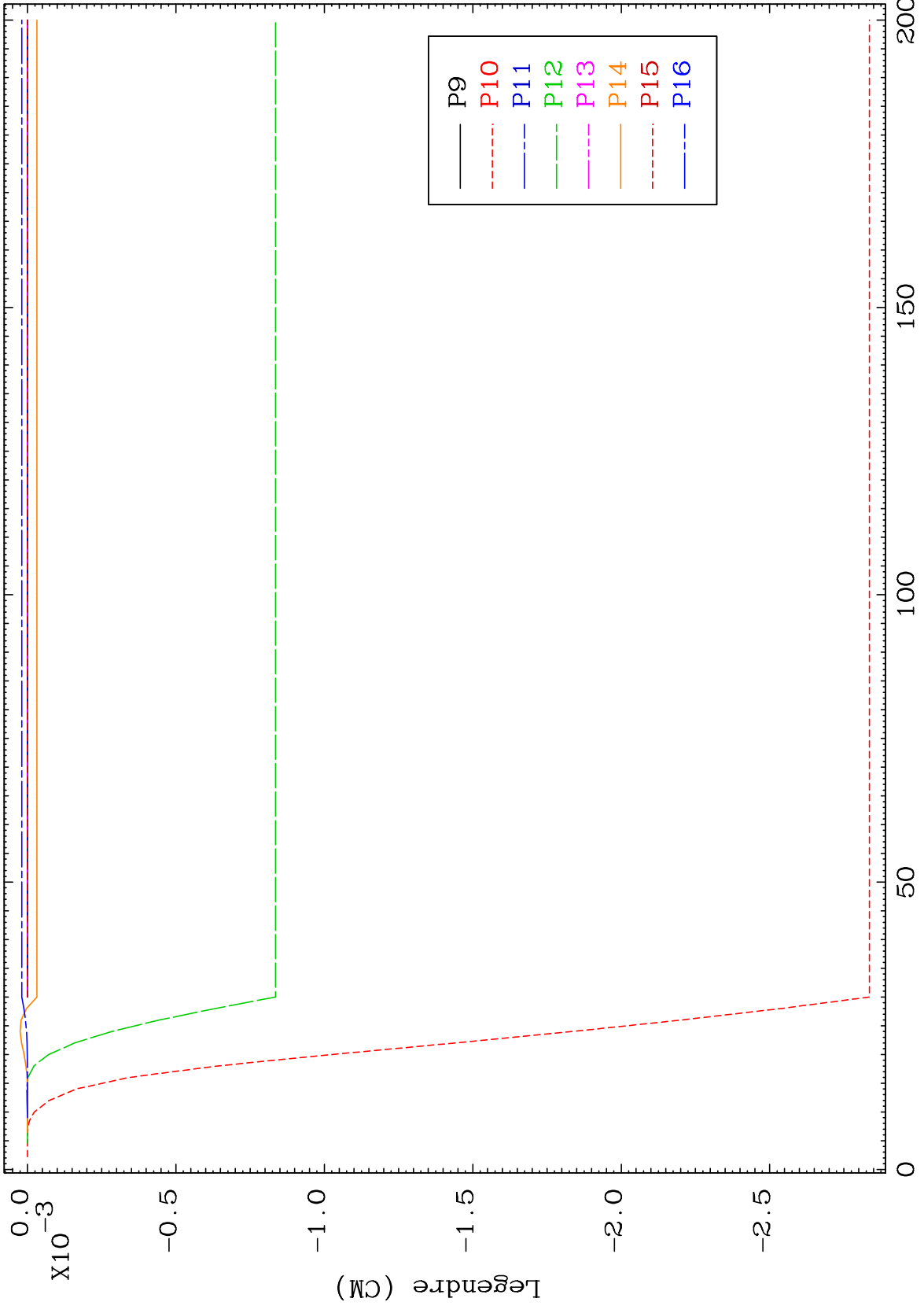
40-Zr-83

MAT 4004 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-83



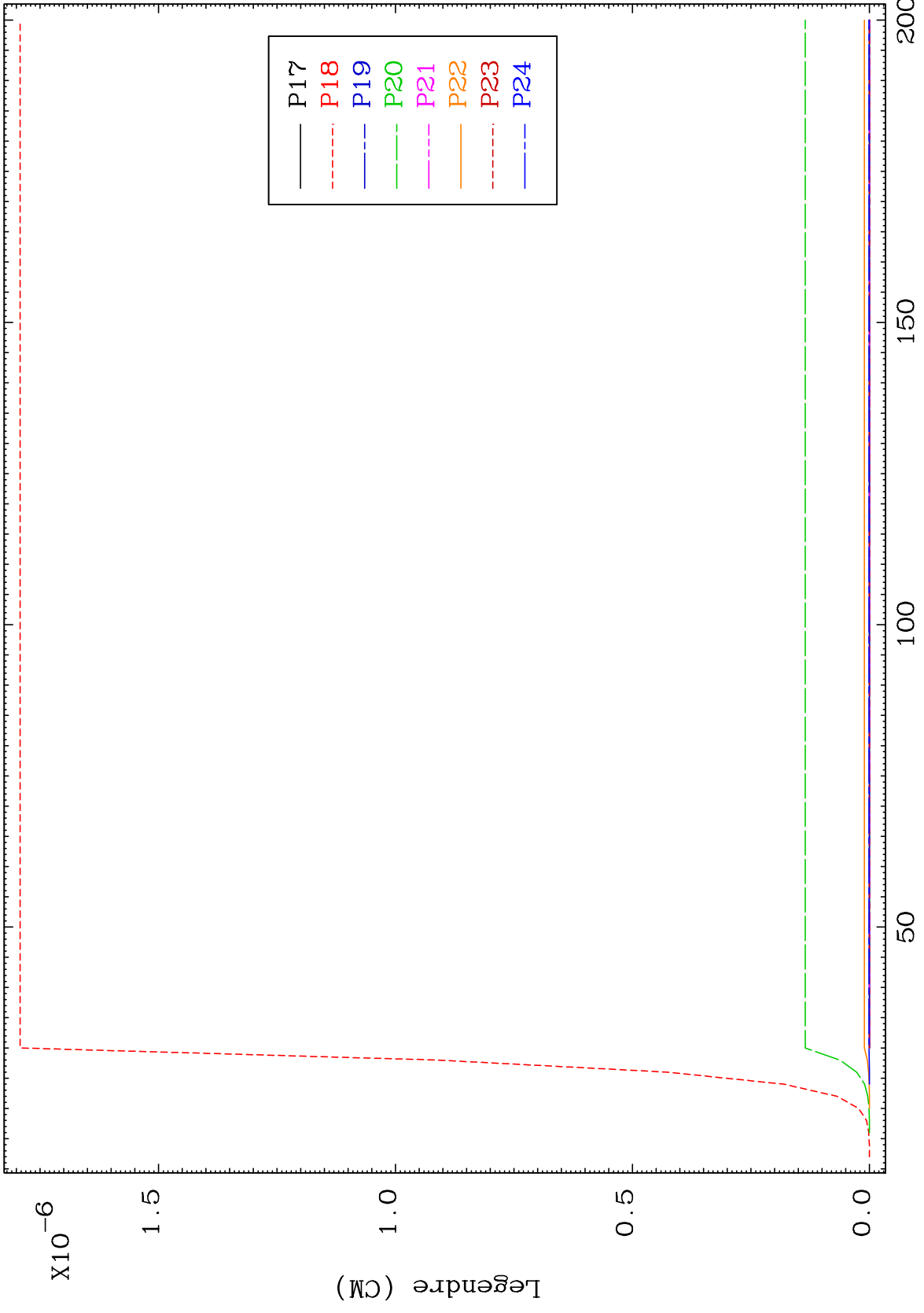
41 40-Zr-83

MAT 4004 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-83



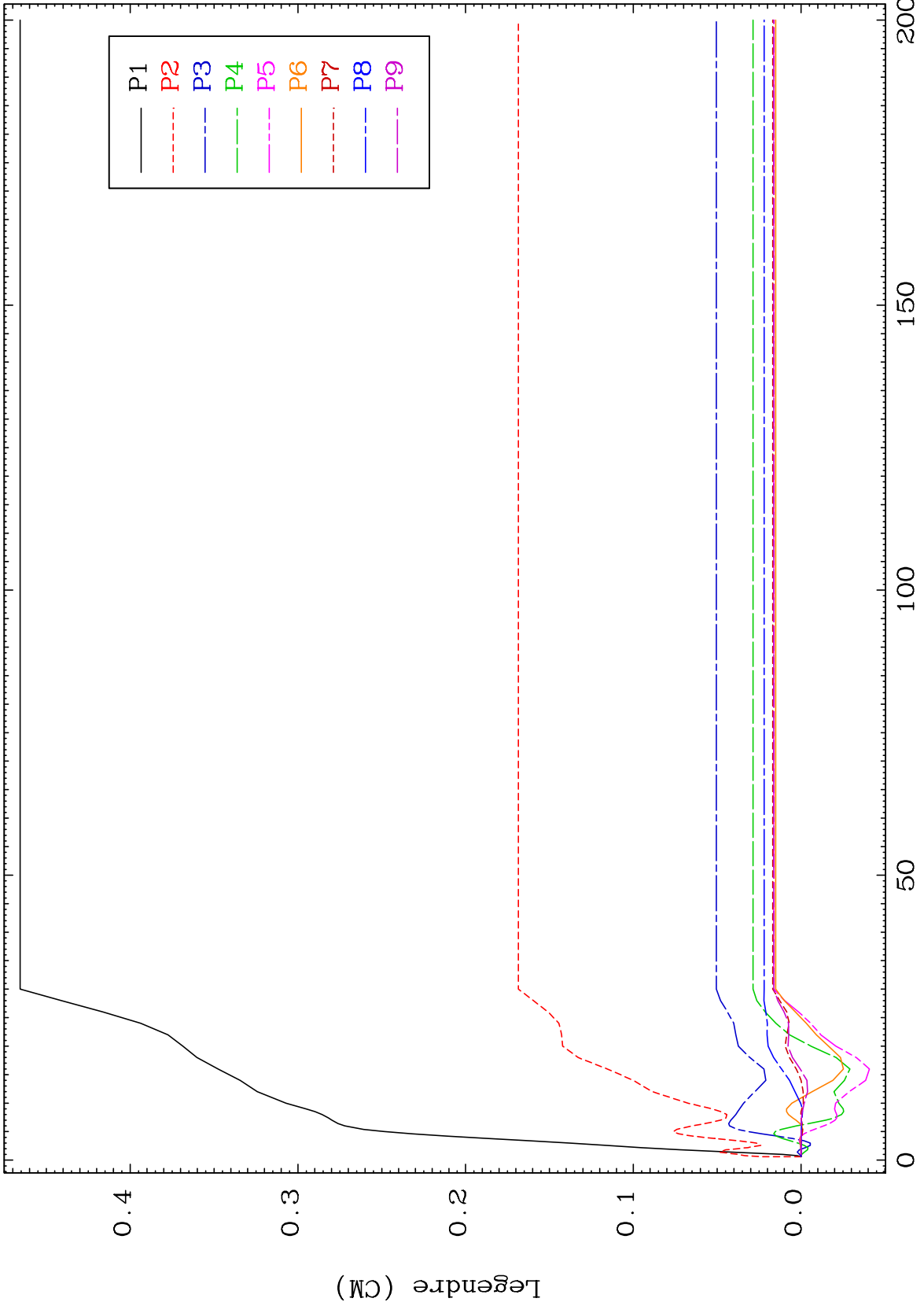
42 Incident Energy (MeV) 40-Zr-83

MAT 4004 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-83



43 Incident Energy (MeV) 40-Zr-83

MAT 4004 MT= 59 (n,n') Level Legendre Coefficients 40-Zr-83

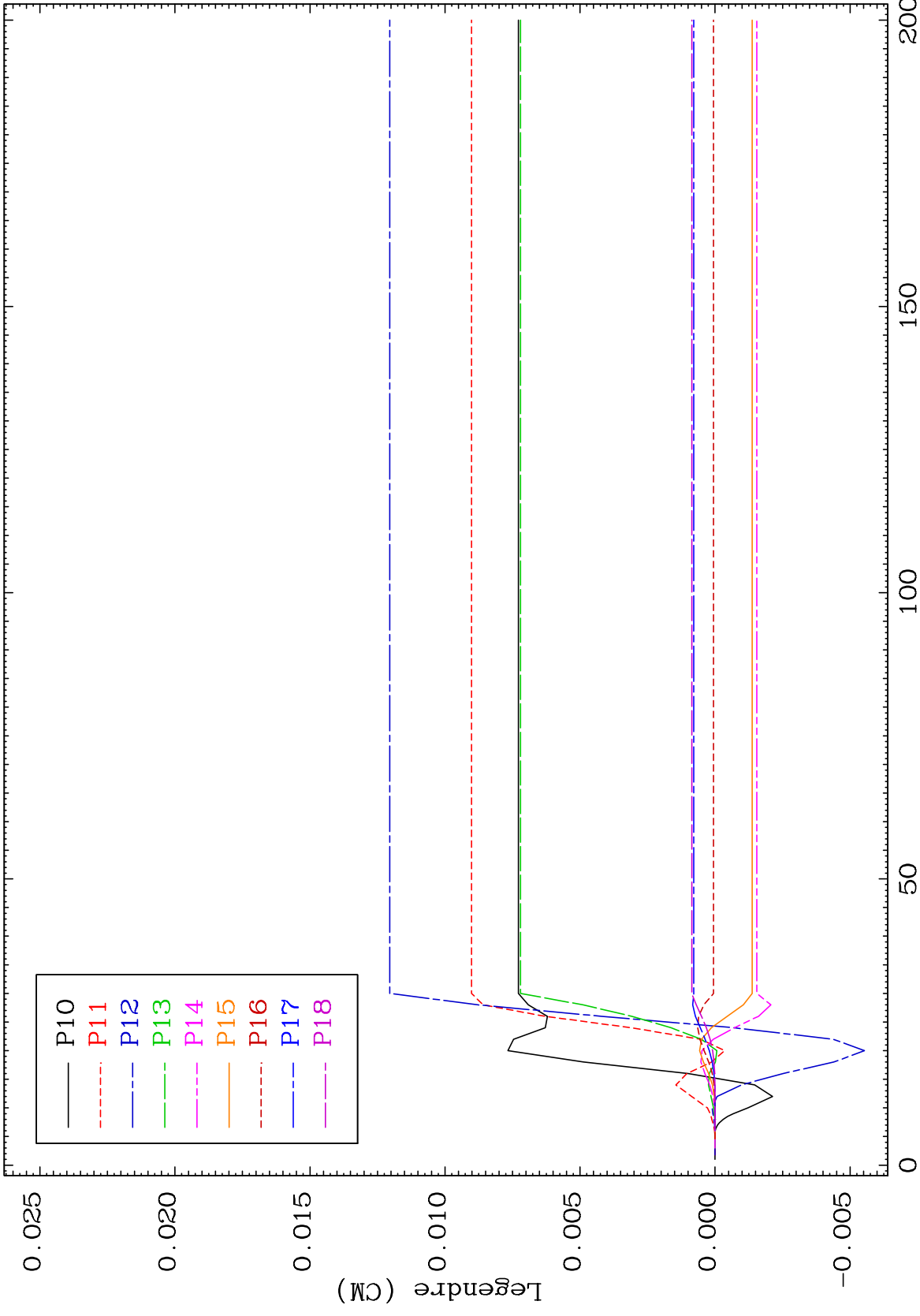


44 40-Zr-83

MAT 4004

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

40-Zr-83



45

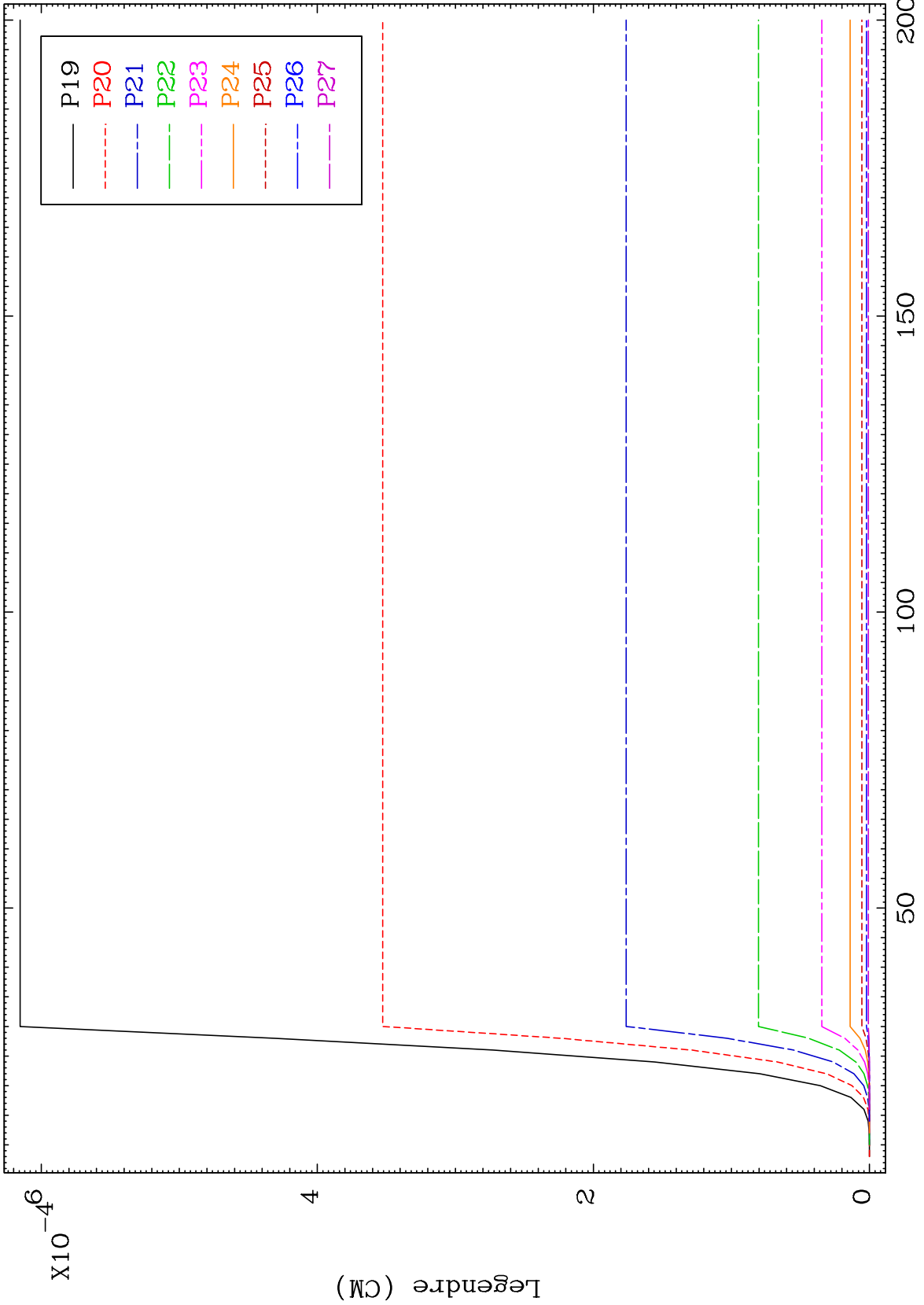
Incident Energy (MeV)

40-Zr-83

MAT 4004

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

40-Zr-83



46

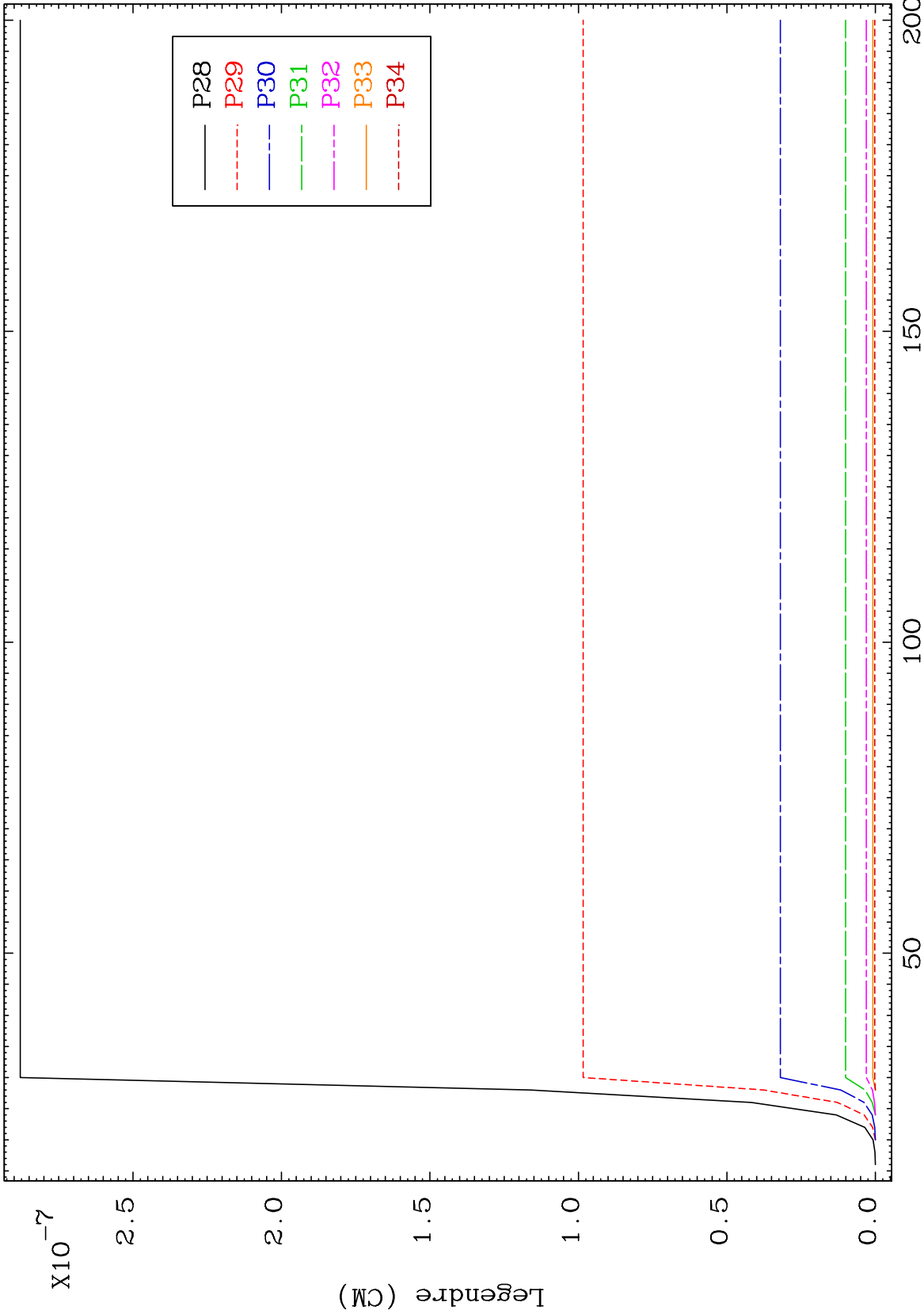
Incident Energy (MeV)

40-Zr-83

MAT 4004

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

40-Zr-83



47

Incident Energy (MeV)

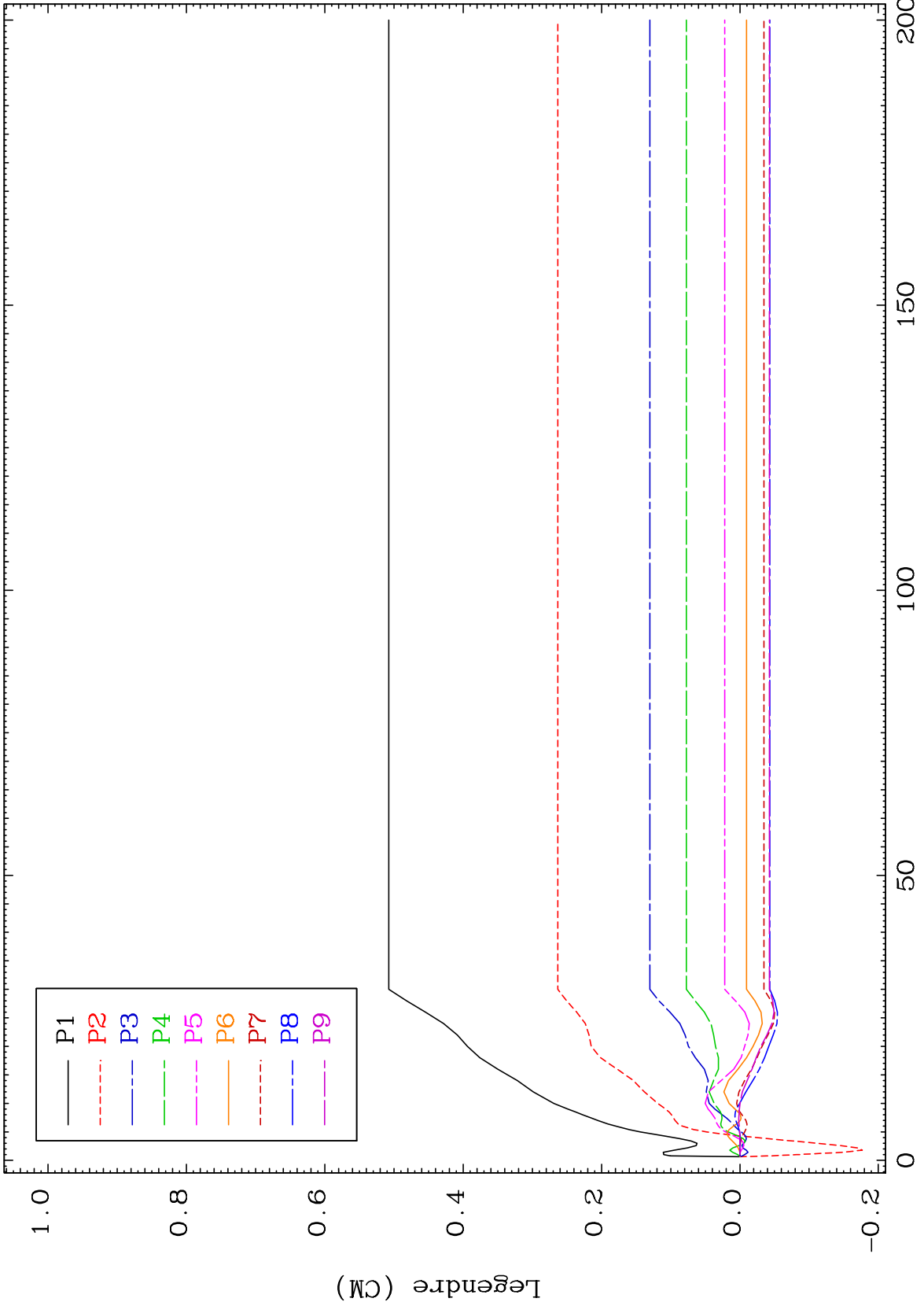
40-Zr-83



MAT 4004

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

40-Zr-83



48

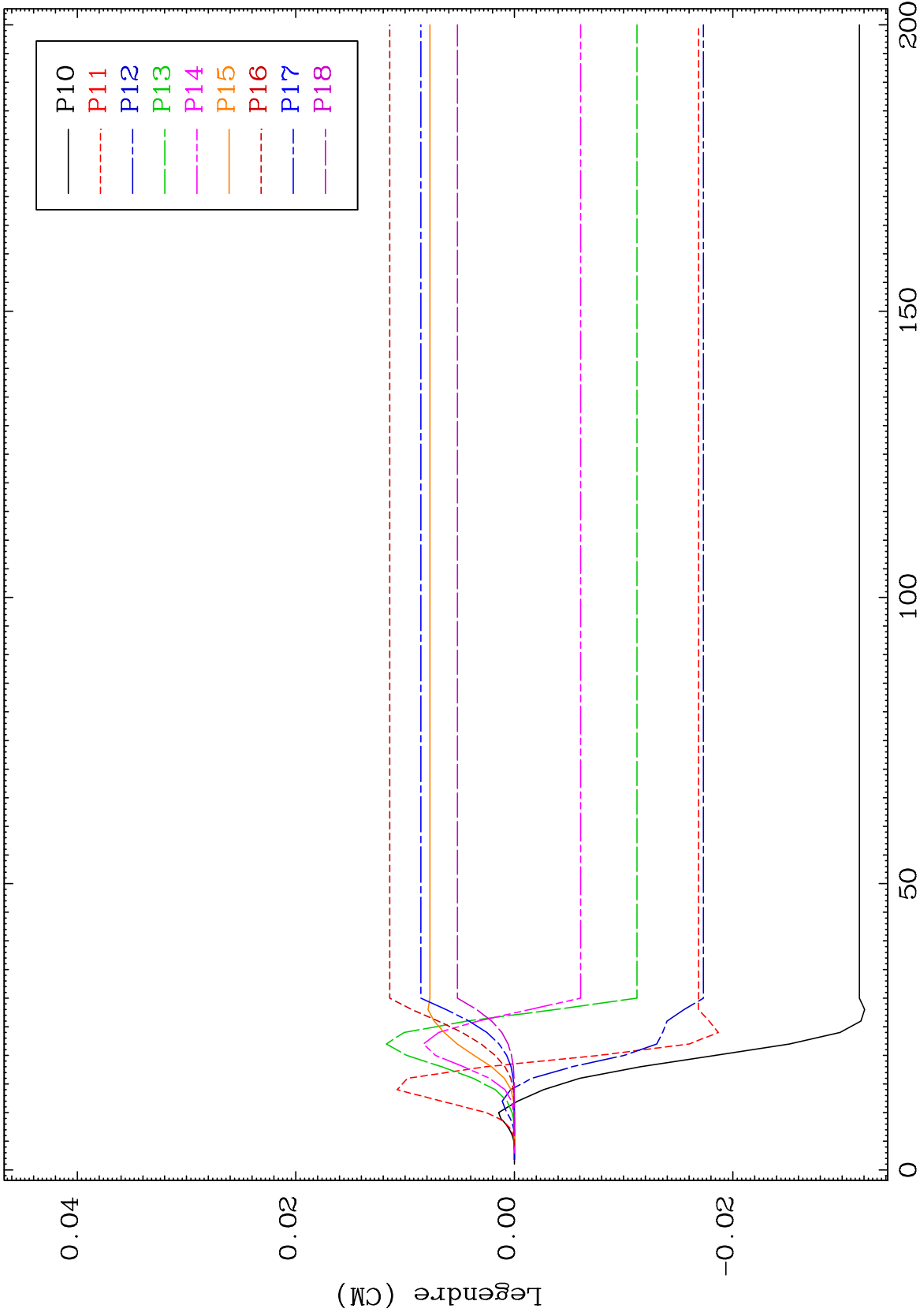
Incident Energy (MeV)

40-Zr-83

MAT 4004

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

40-Zr-83

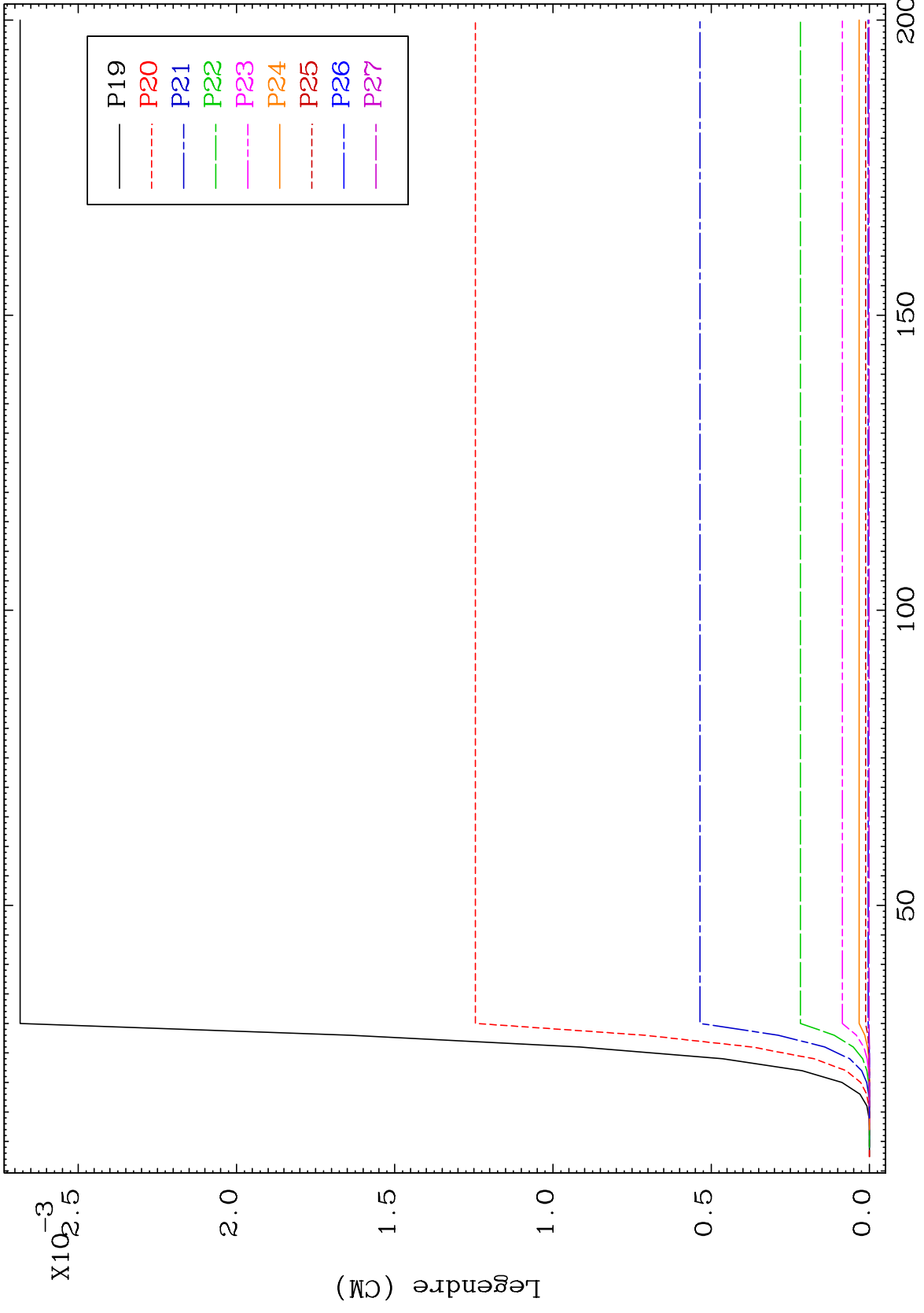


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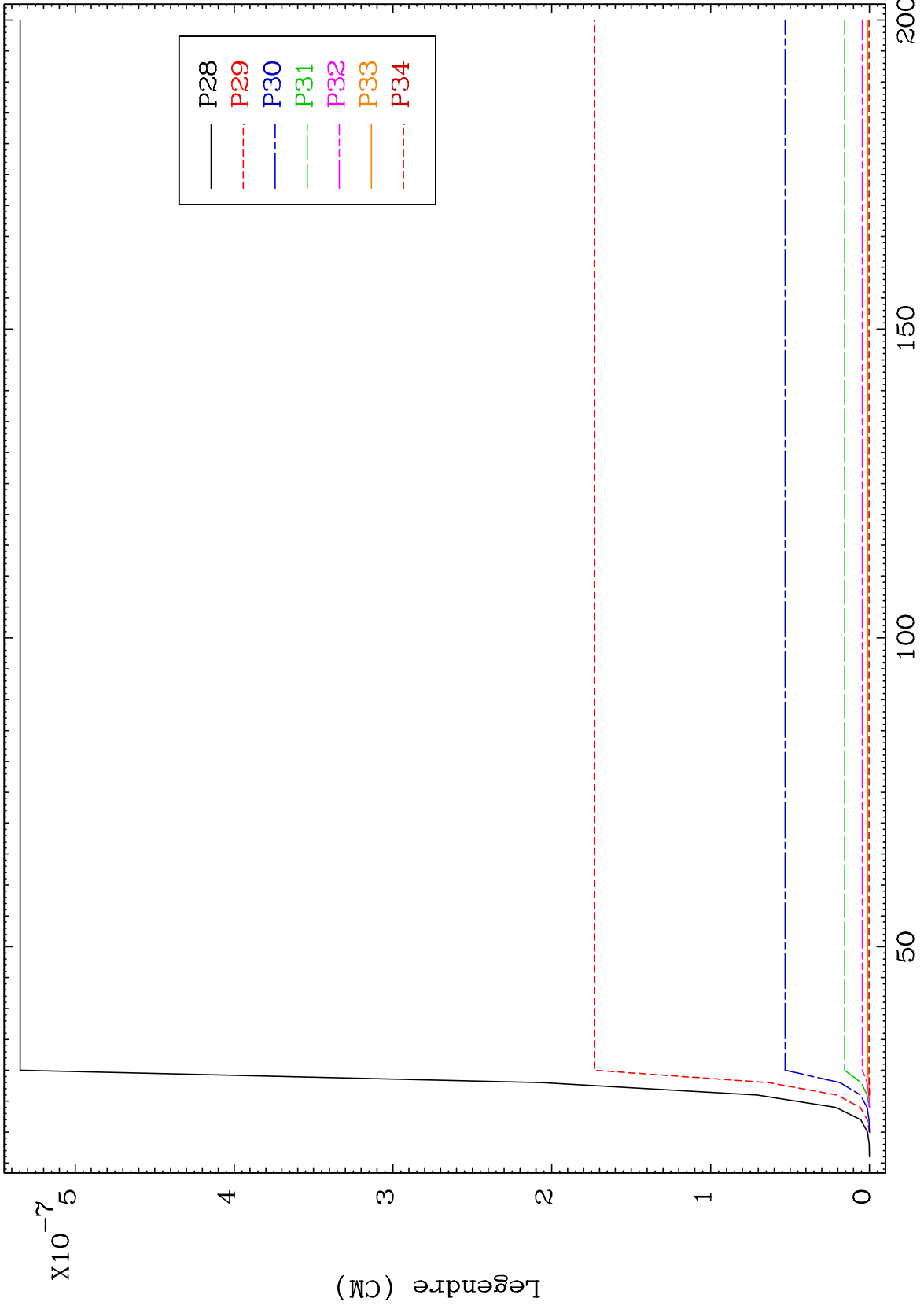
Incident Energy (MeV)

40-Zr-83

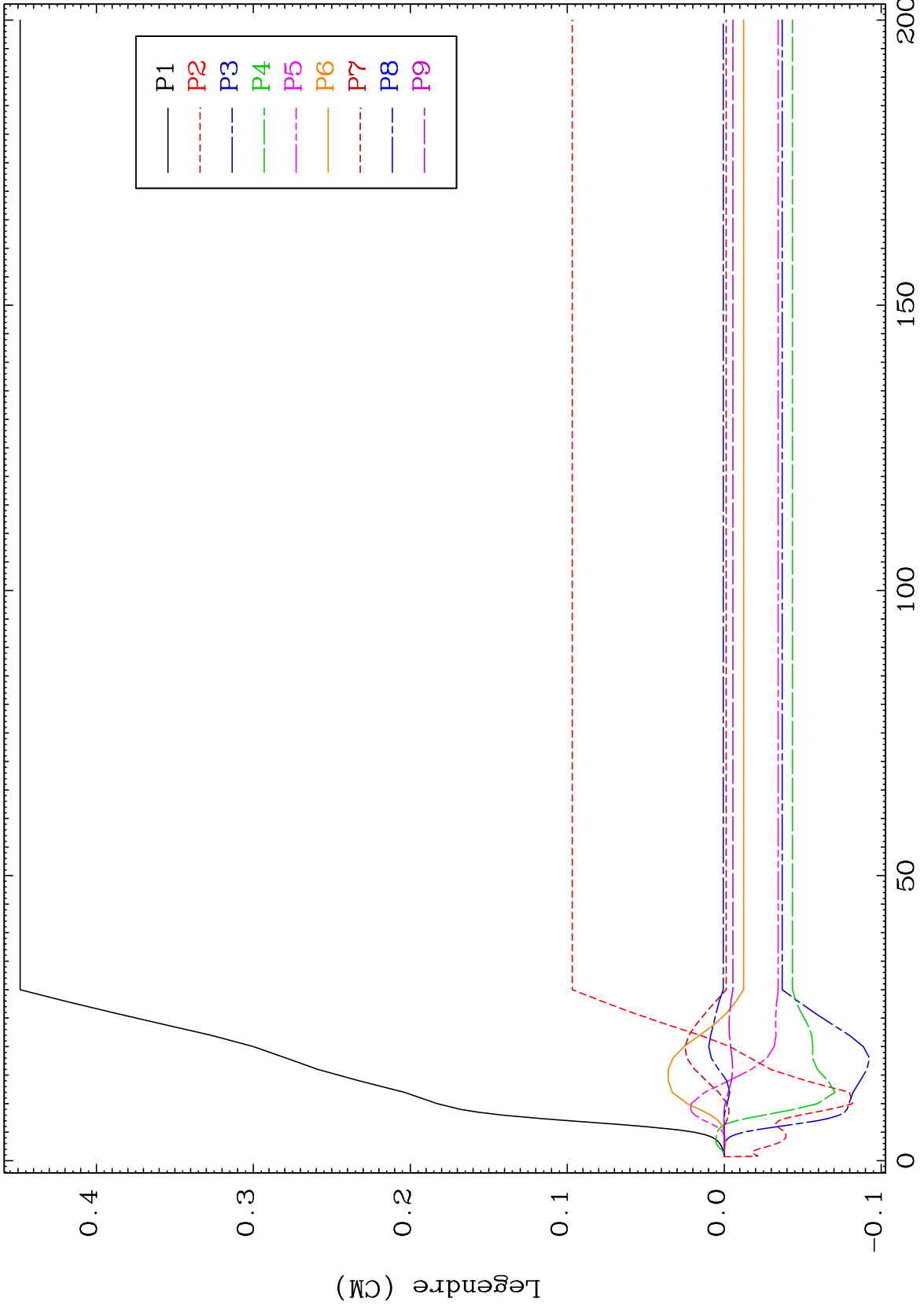
MAT 4004 MT= 60 (n,n') Level Legendre Coefficients 40-Zr-83



40-Zr-83

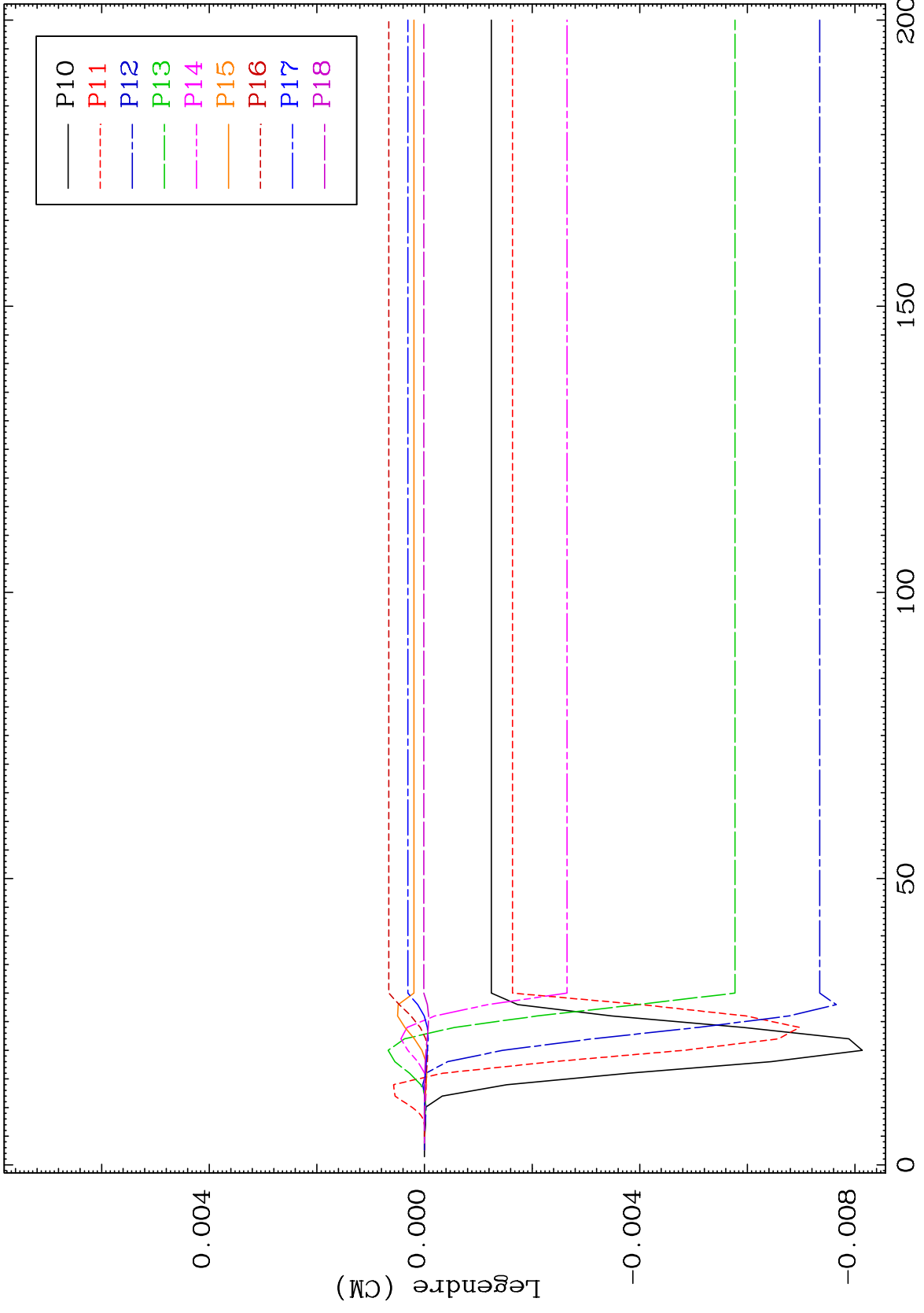


MAT 4004 MT= 61 (n,n') Level Legendre Coefficients 40-Zr-83



52 40-Zr-83

MAT 4004 MT= 61 (n,n') Level Legendre Coefficients 40-Zr-83

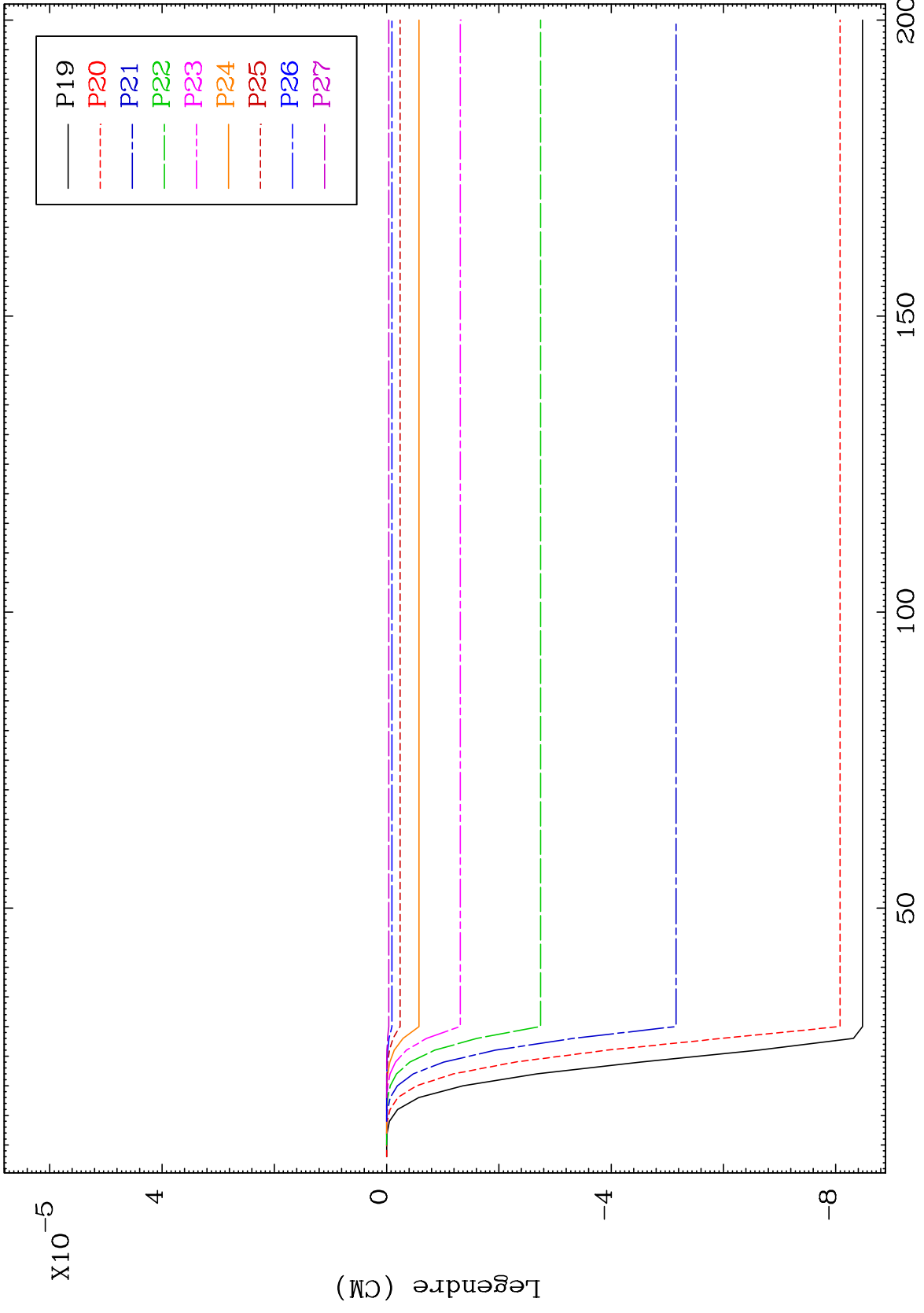


53 40-Zr-83

MAT 4004

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

40-Zr-83

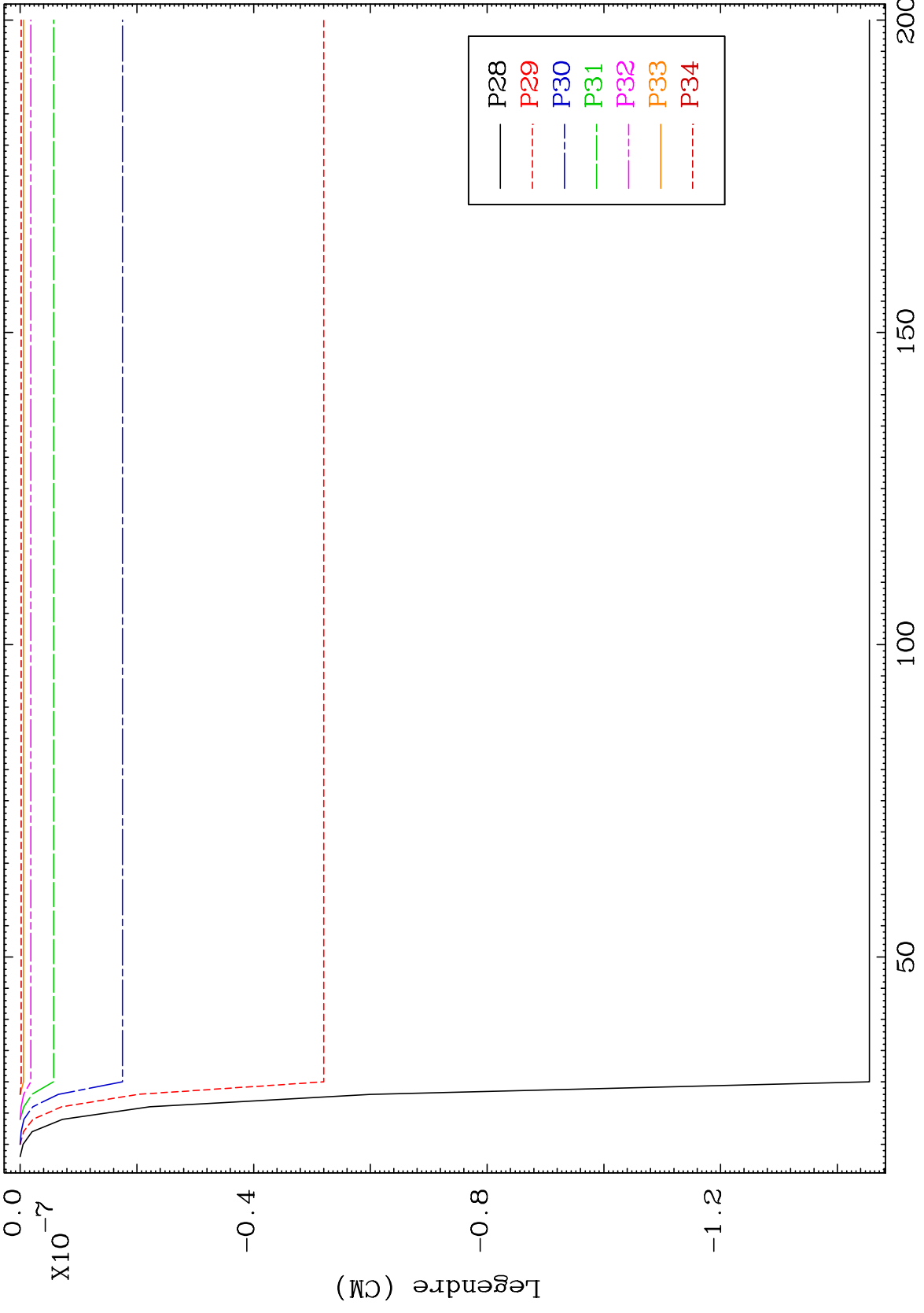


54

Incident Energy (MeV)

40-Zr-83

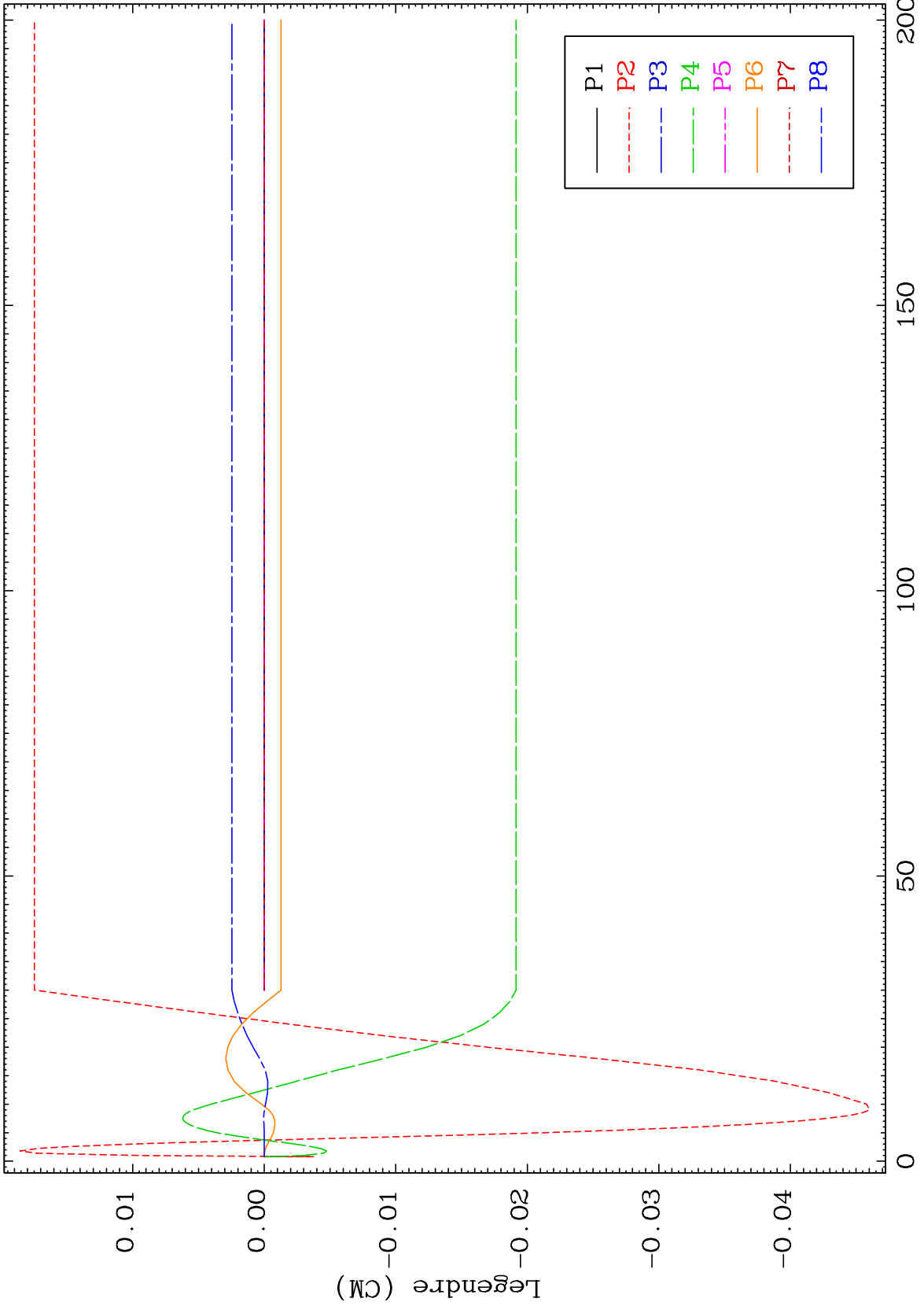
MAT 4004 MT= 61 (n,n') Level Legendre Coefficients 40-Zr-83



55 Incident Energy (MeV) 40-Zr-83



MAT 4004 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-83

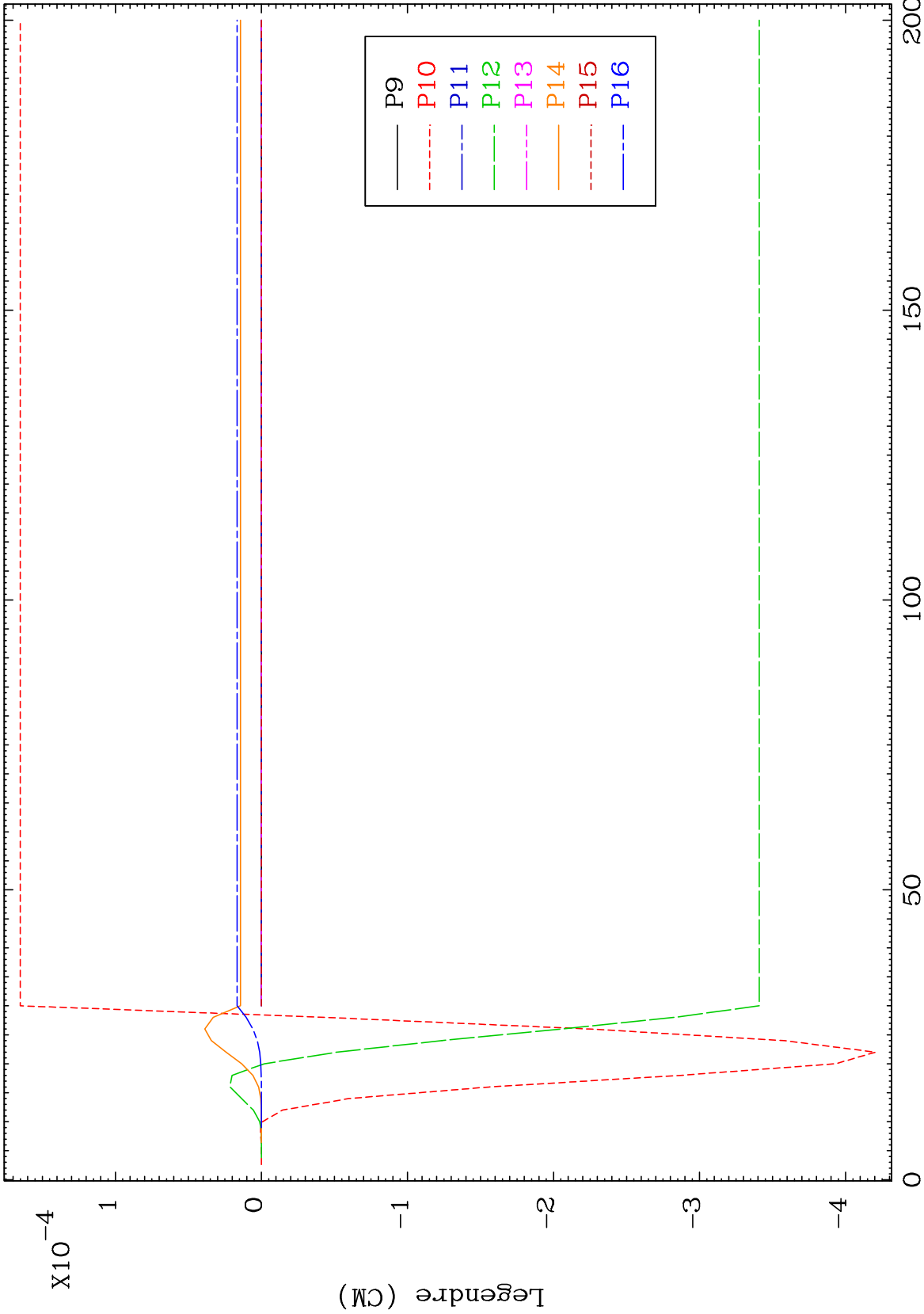


56 Incident Energy (MeV) 40-Zr-83

MAT 4004

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

40-Zr-83

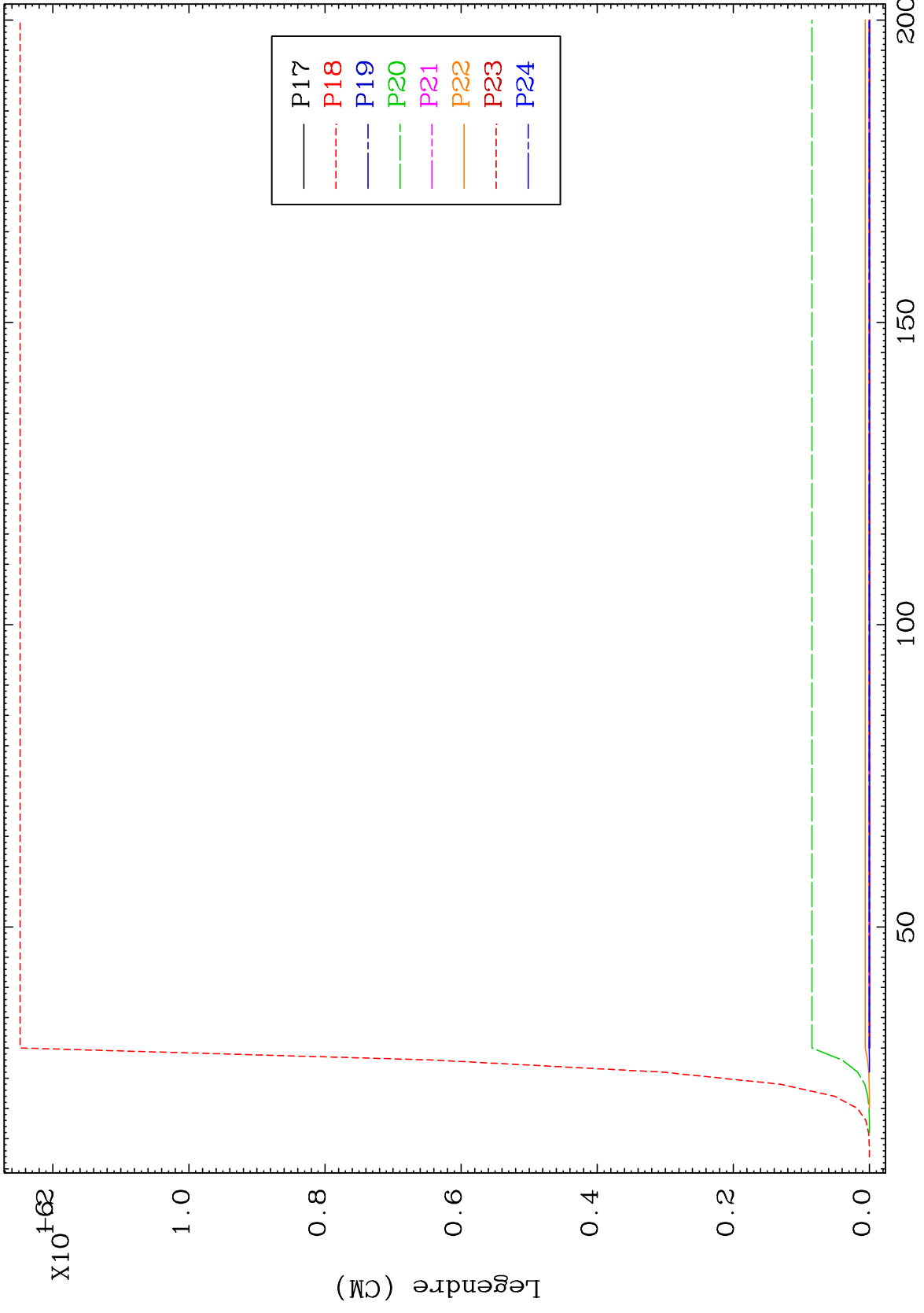


57

Incident Energy (MeV)

40-Zr-83

MAT 4004 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-83

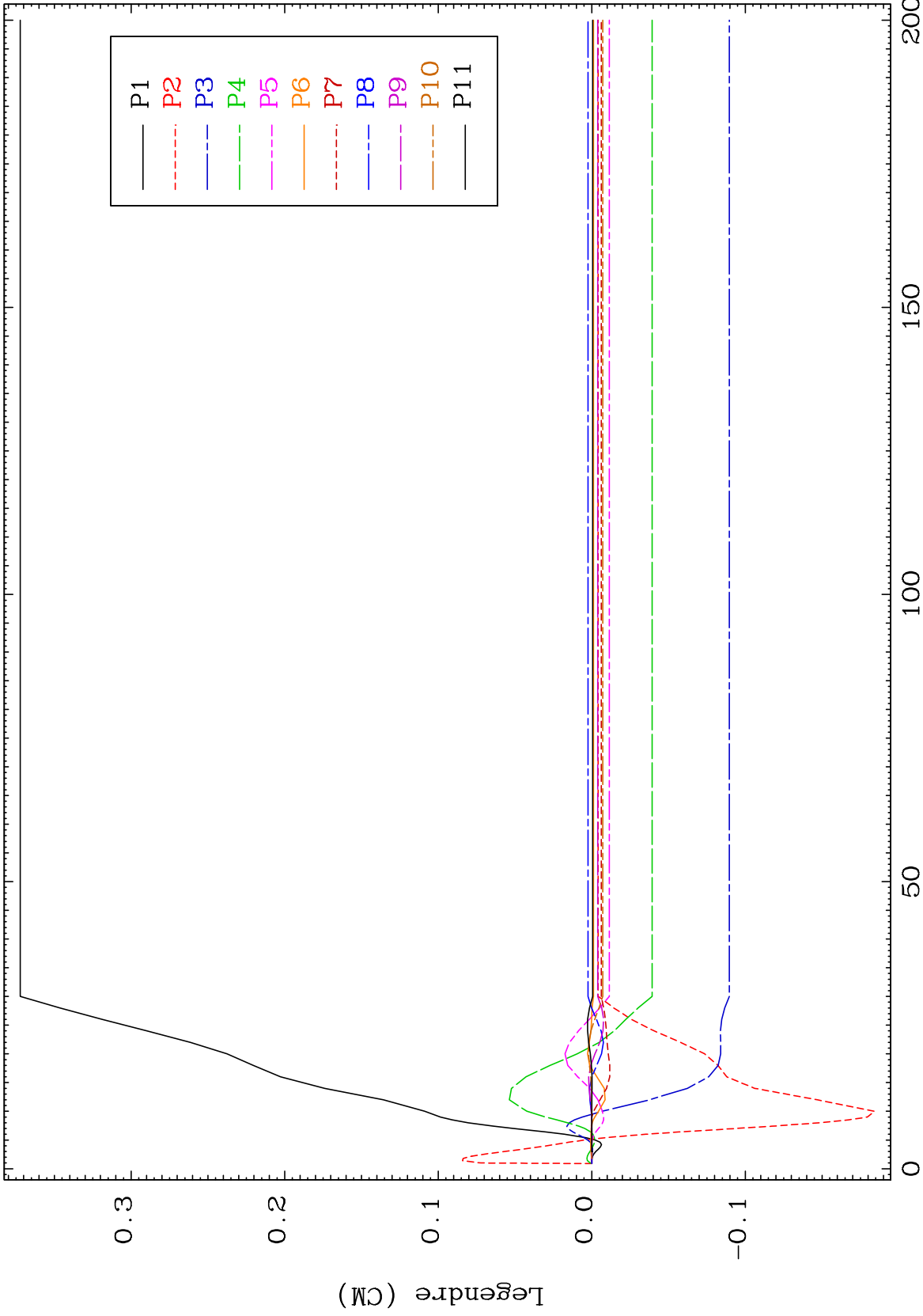


58 100 150 200 40-Zr-83

MAT 4004

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

40-Zr-83



59

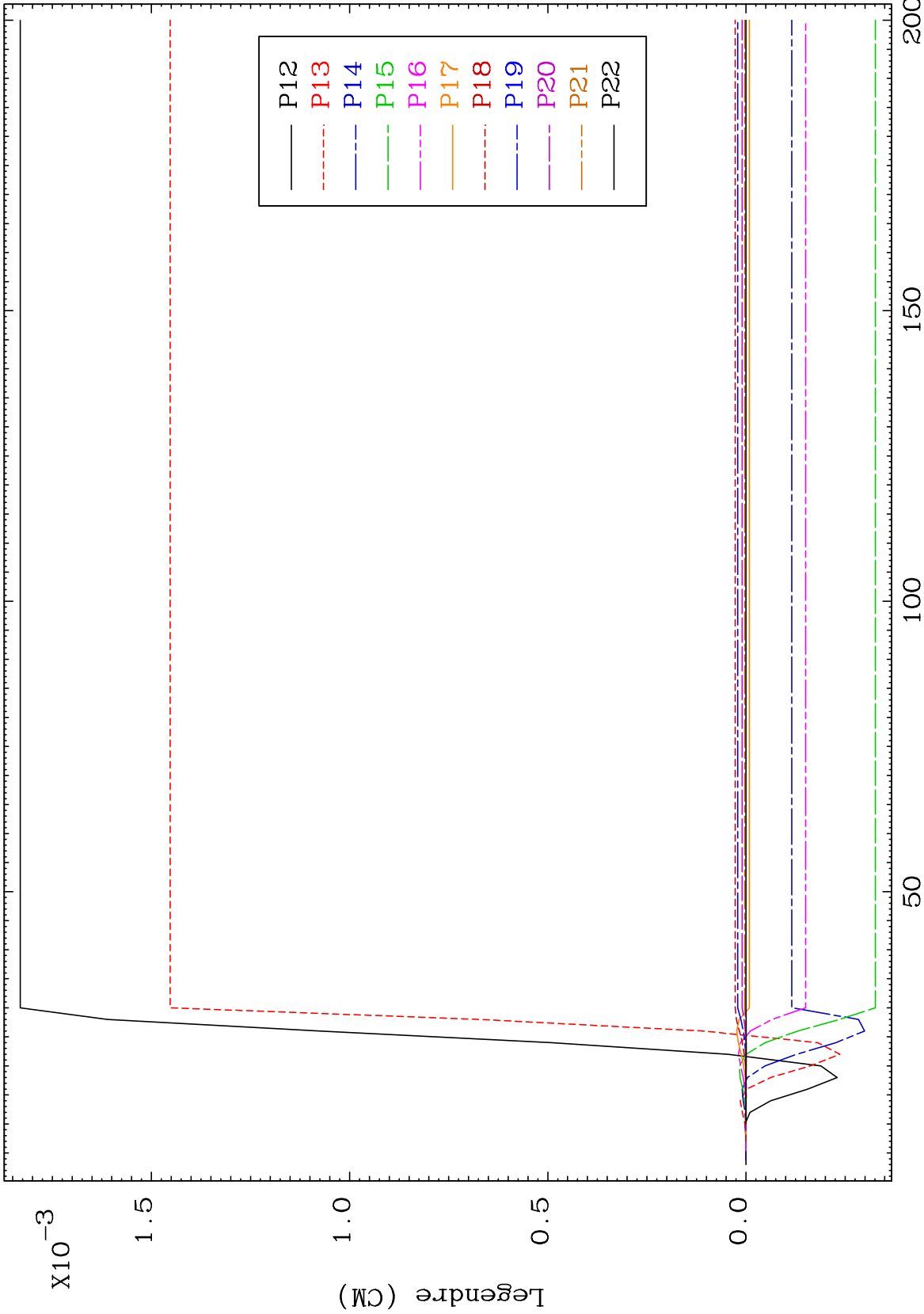
Incident Energy (MeV)

40-Zr-83

MAT 4004

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

40-Zr-83

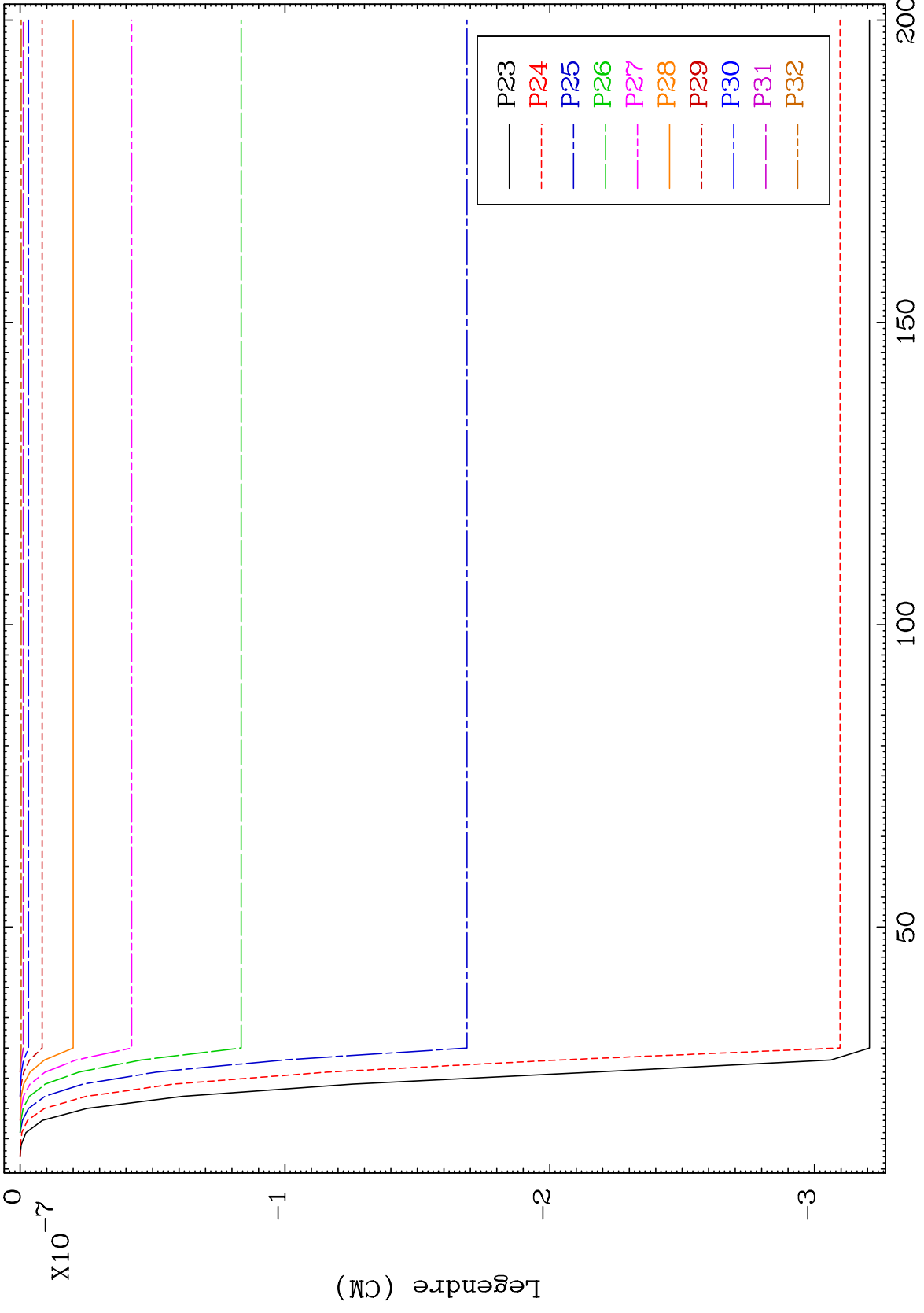


60

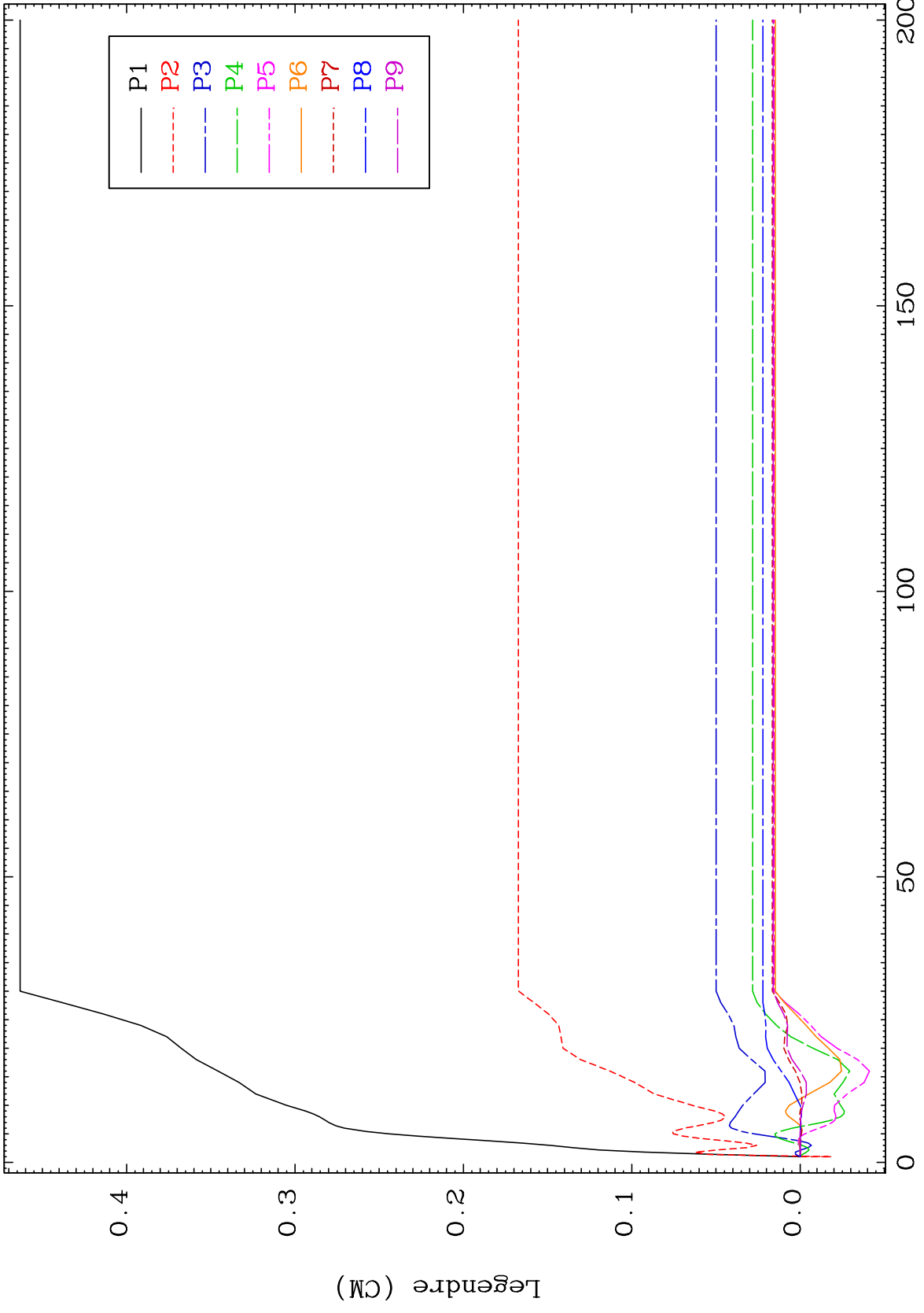
Incident Energy (MeV)

40-Zr-83

MAT 4004 MT= 63 (n,n') Level Legendre Coefficients 40-Zr-83



MAT 4004 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-83

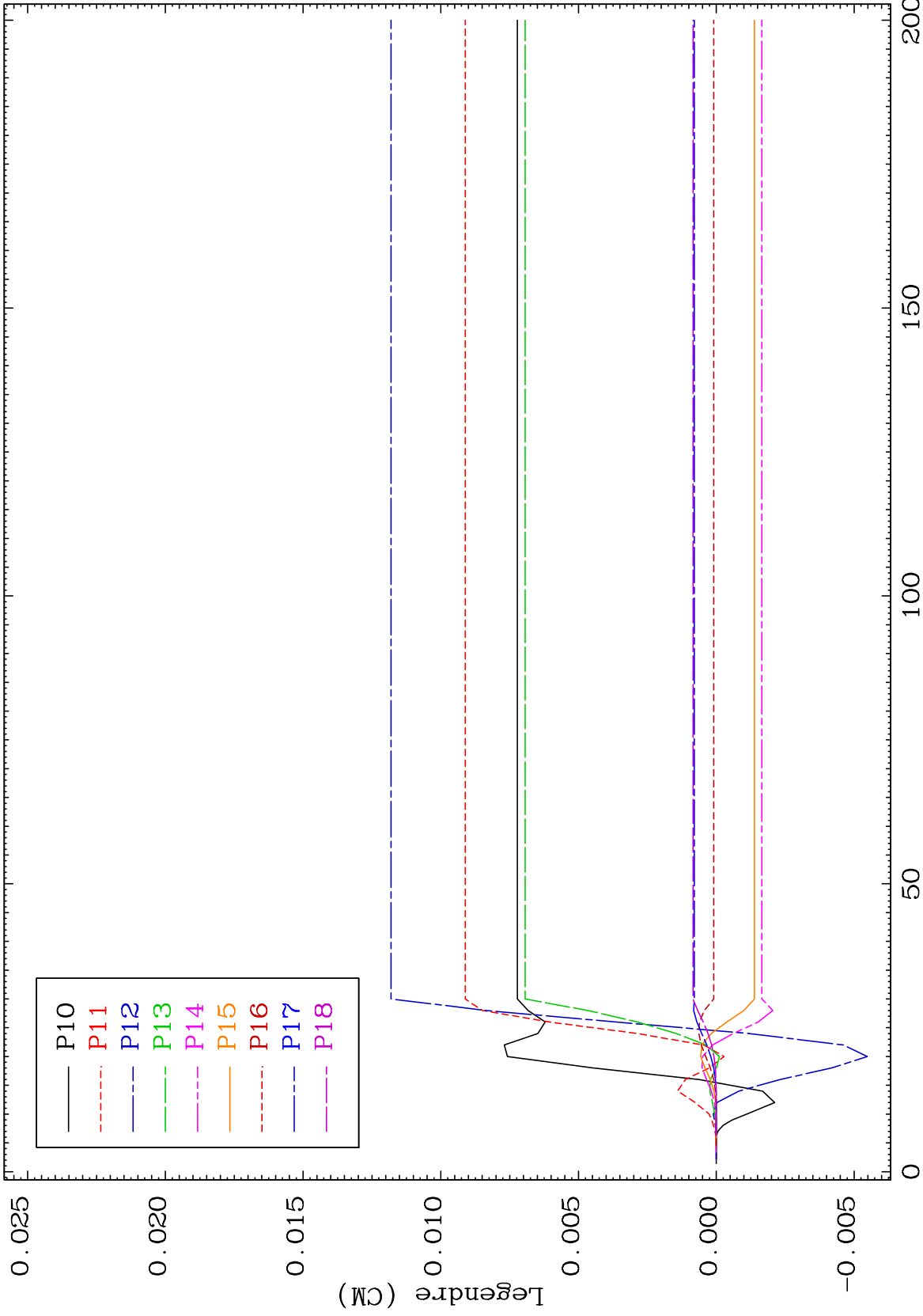


62 40-Zr-83

MAT 4004

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

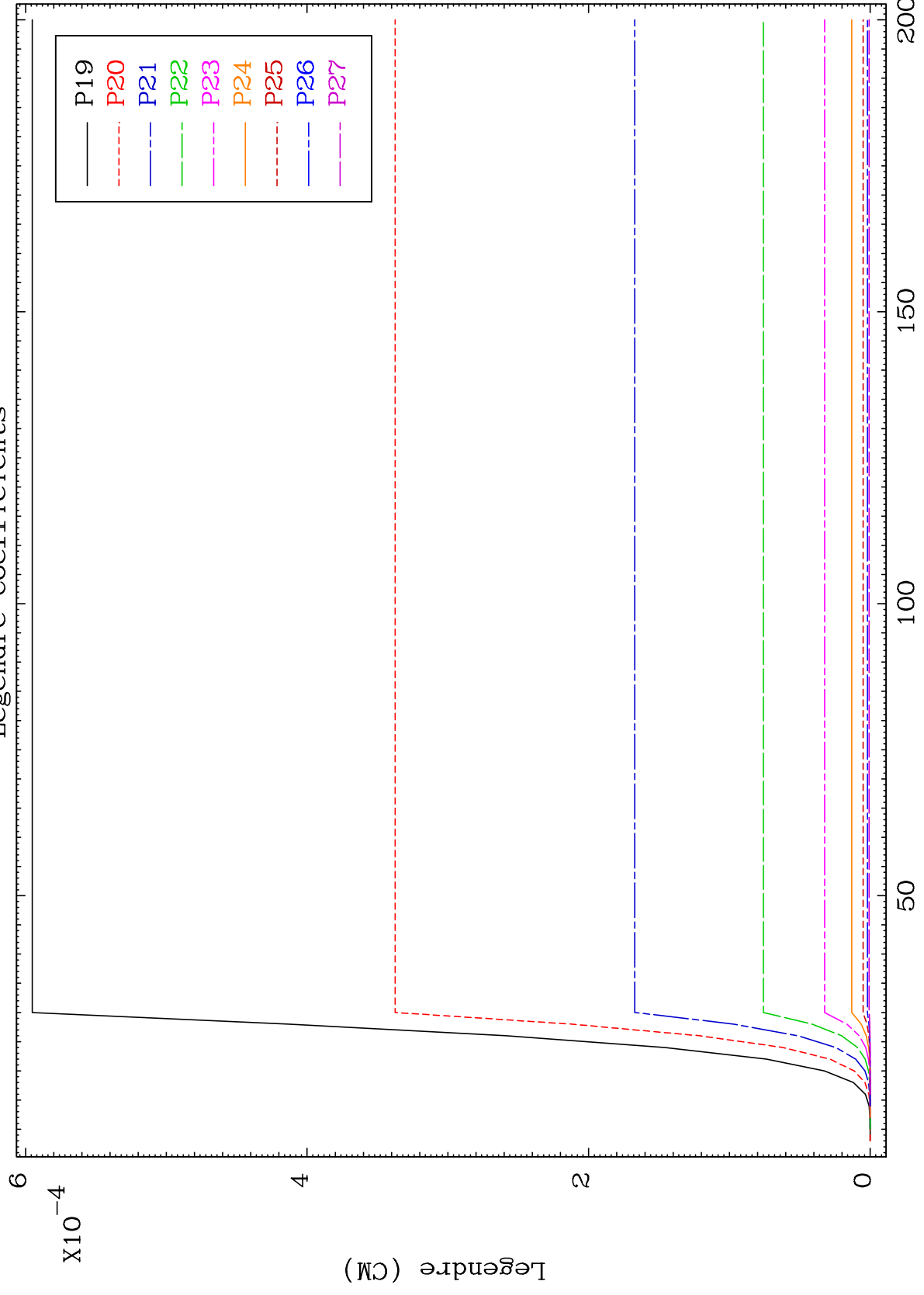
40-Zr-83



40-Zr-83



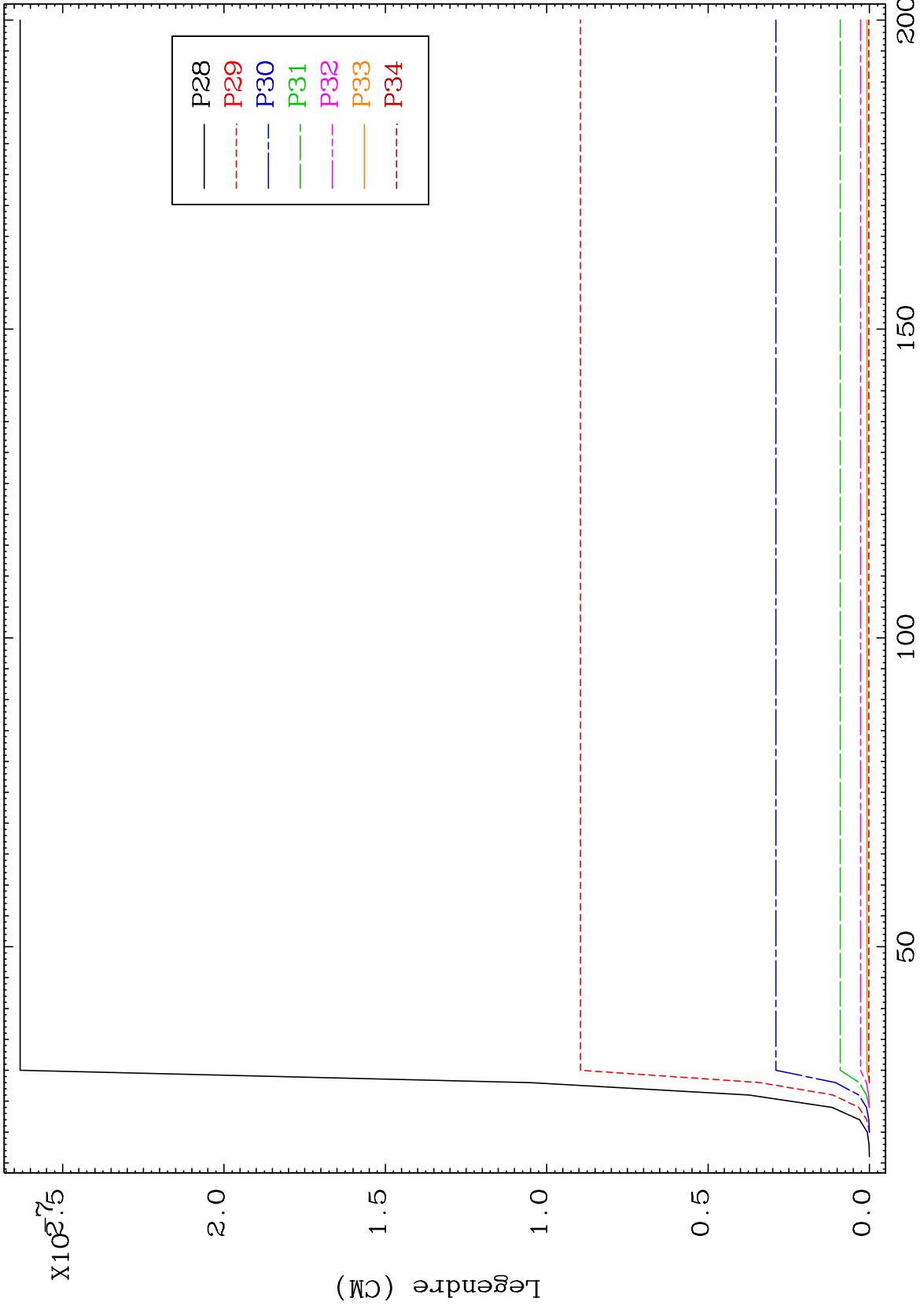
MAT 4004 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-83



64

40-Zr-83

MAT 4004 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-83

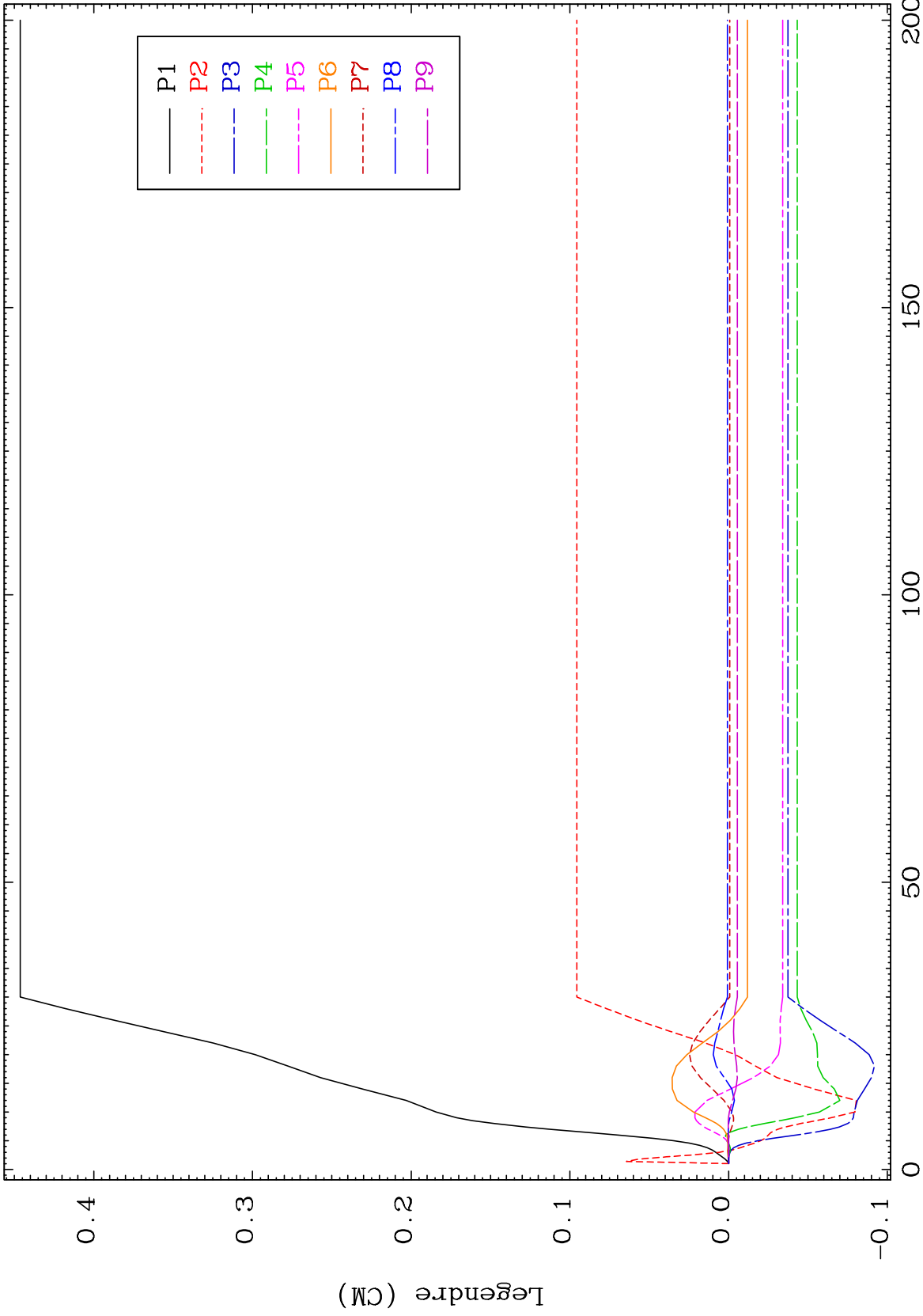


65 Incident Energy (MeV) 40-Zr-83

MAT 4004

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

40-Zr-83

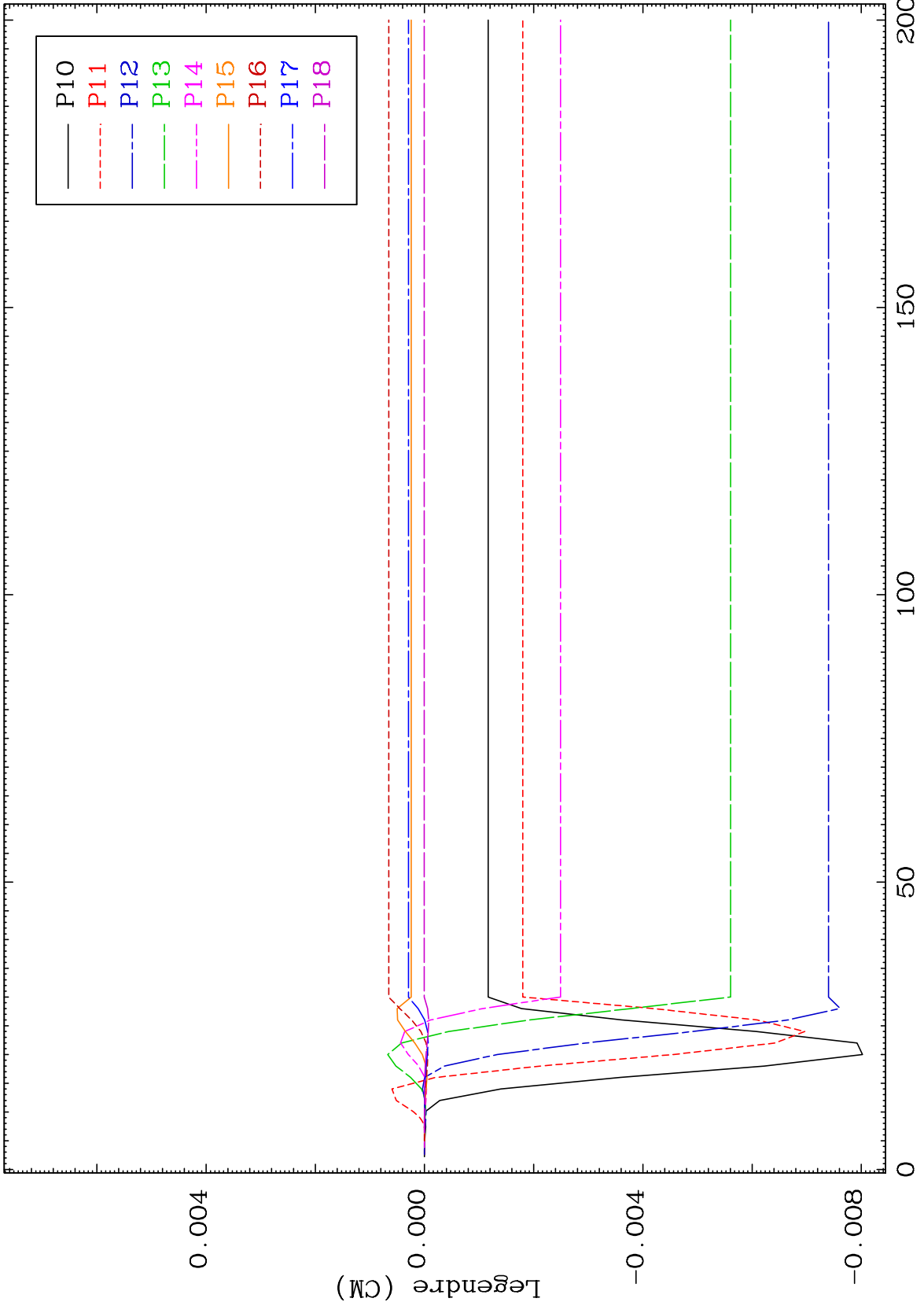


66

Incident Energy (MeV)

40-Zr-83

MAT 4004 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-83

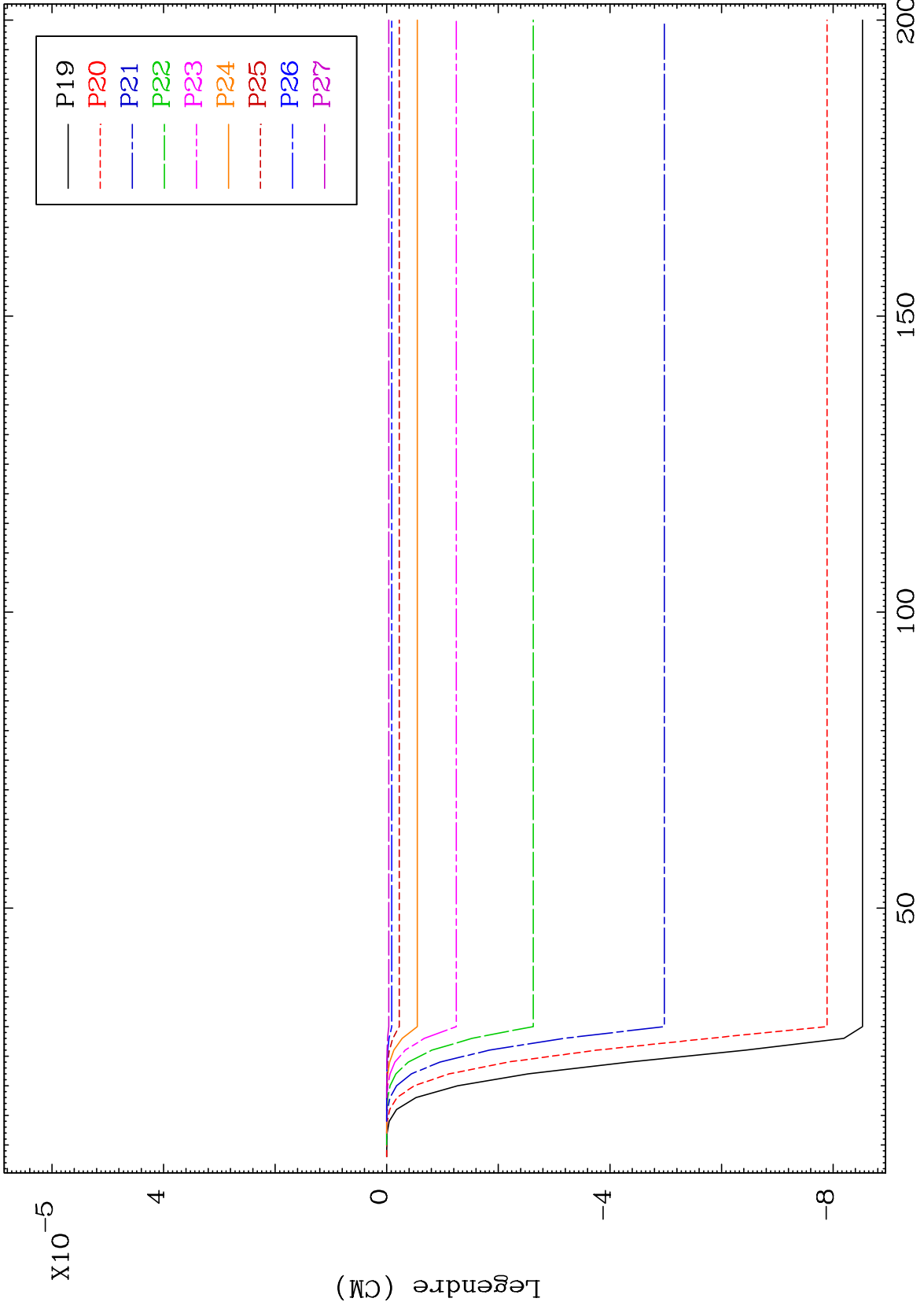


67 40-Zr-83

MAT 4004

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

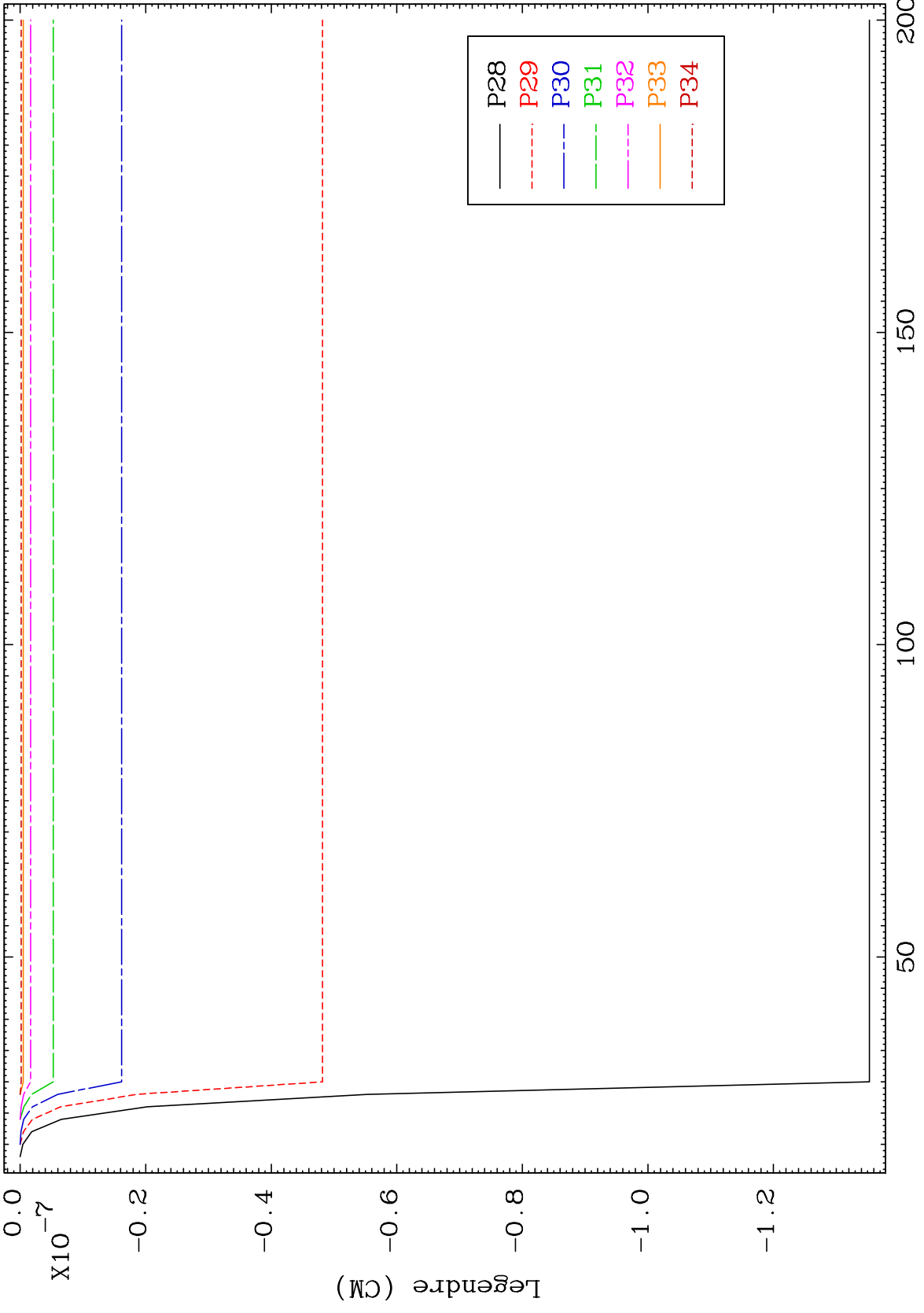
40-Zr-83



68

40-Zr-83

MAT 4004 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-83

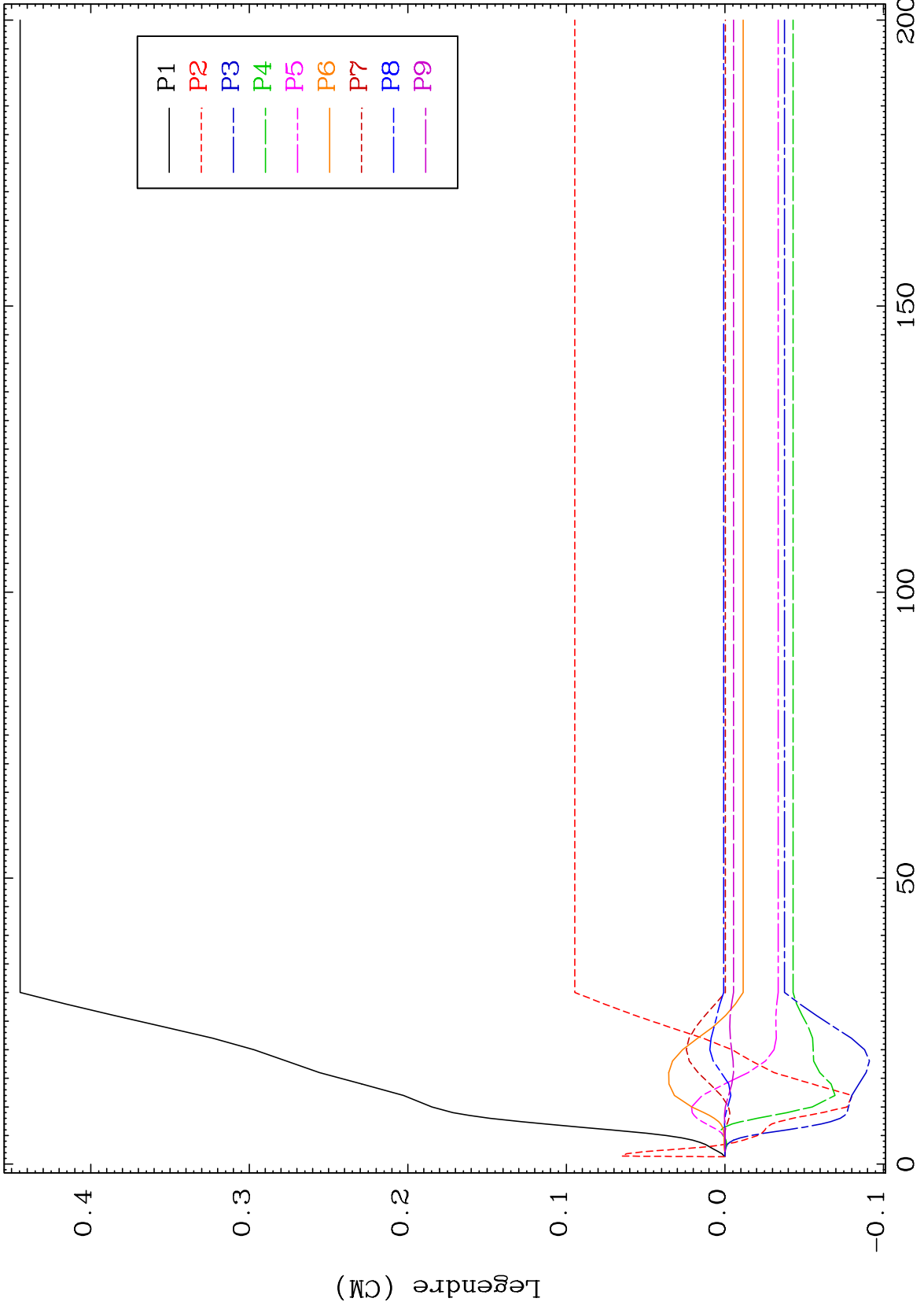


69 40-Zr-83

MAT 4004

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

40-Zr-83



40-Zr-83

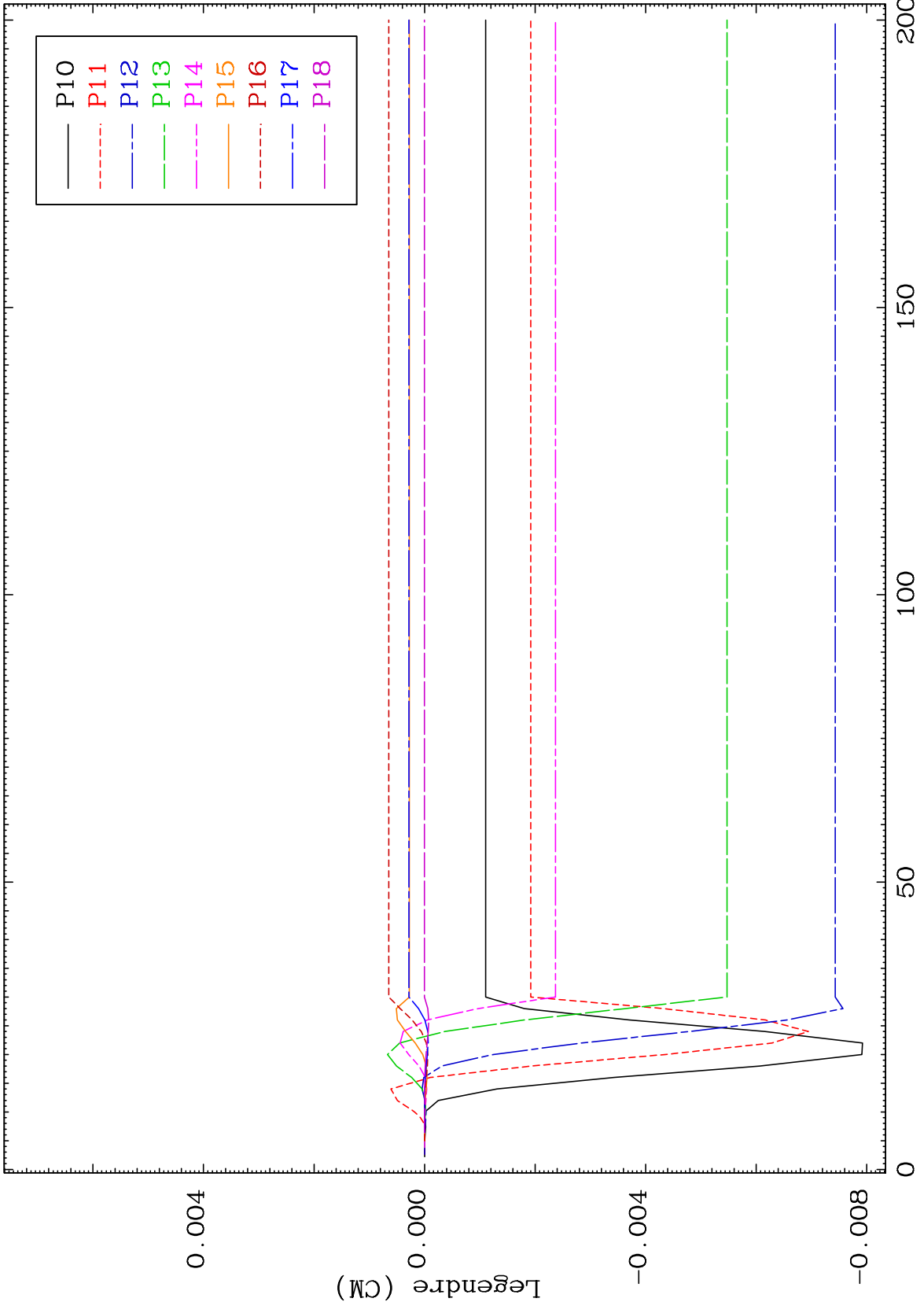
Incident Energy (MeV)

70

MAT 4004

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

40-Zr-83



71

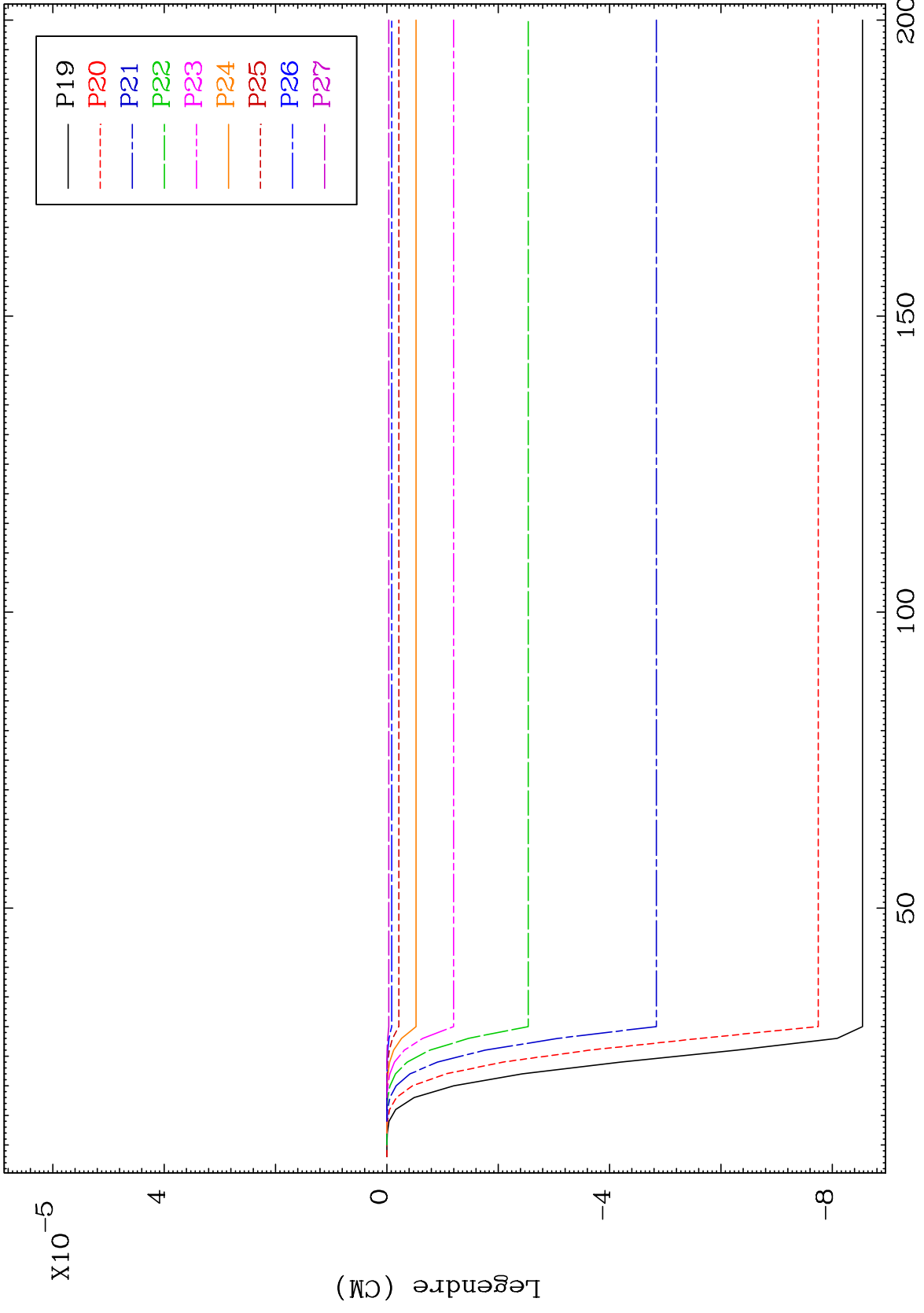
40-Zr-83



MAT 4004

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

40-Zr-83

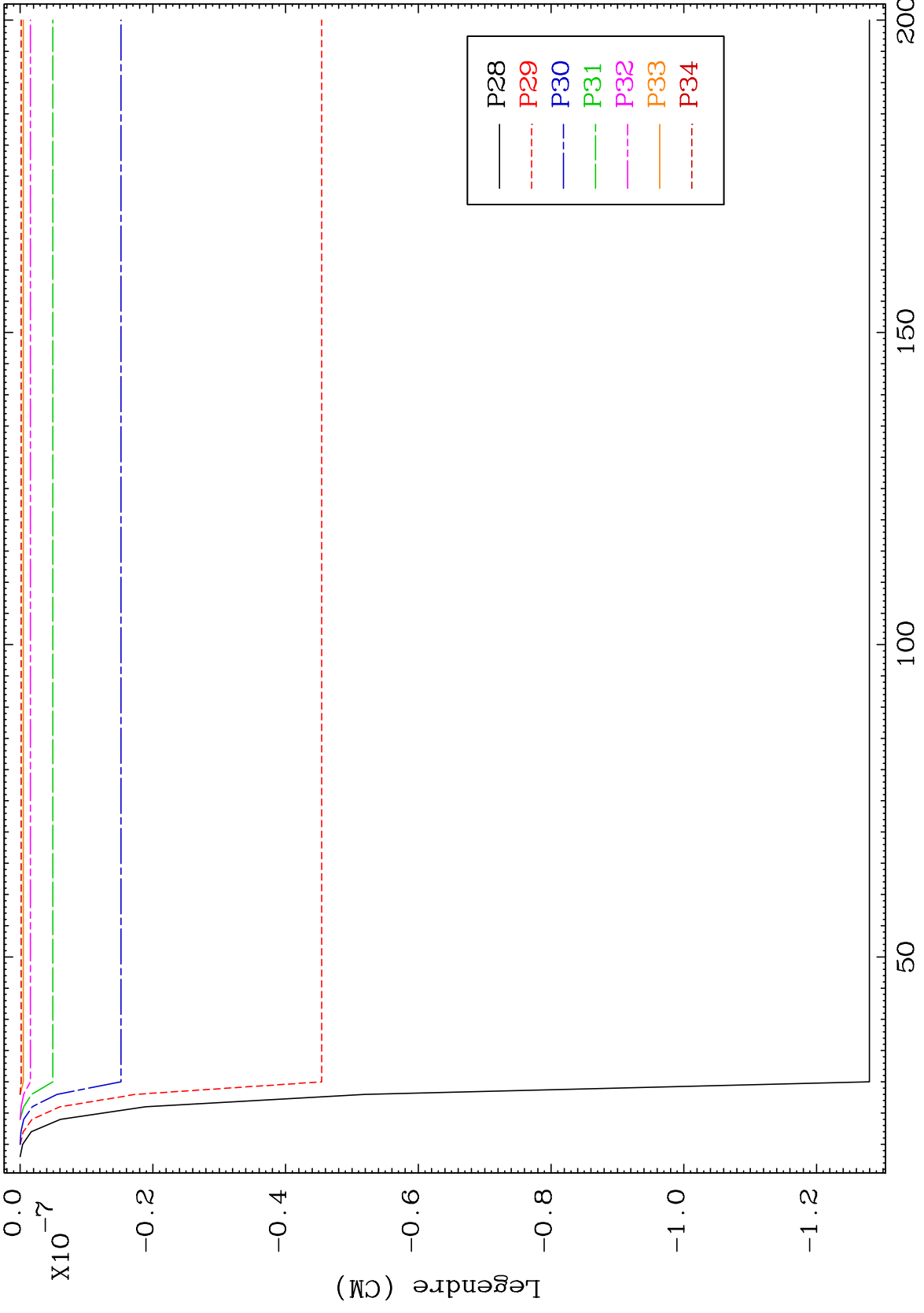


72

Incident Energy (MeV)

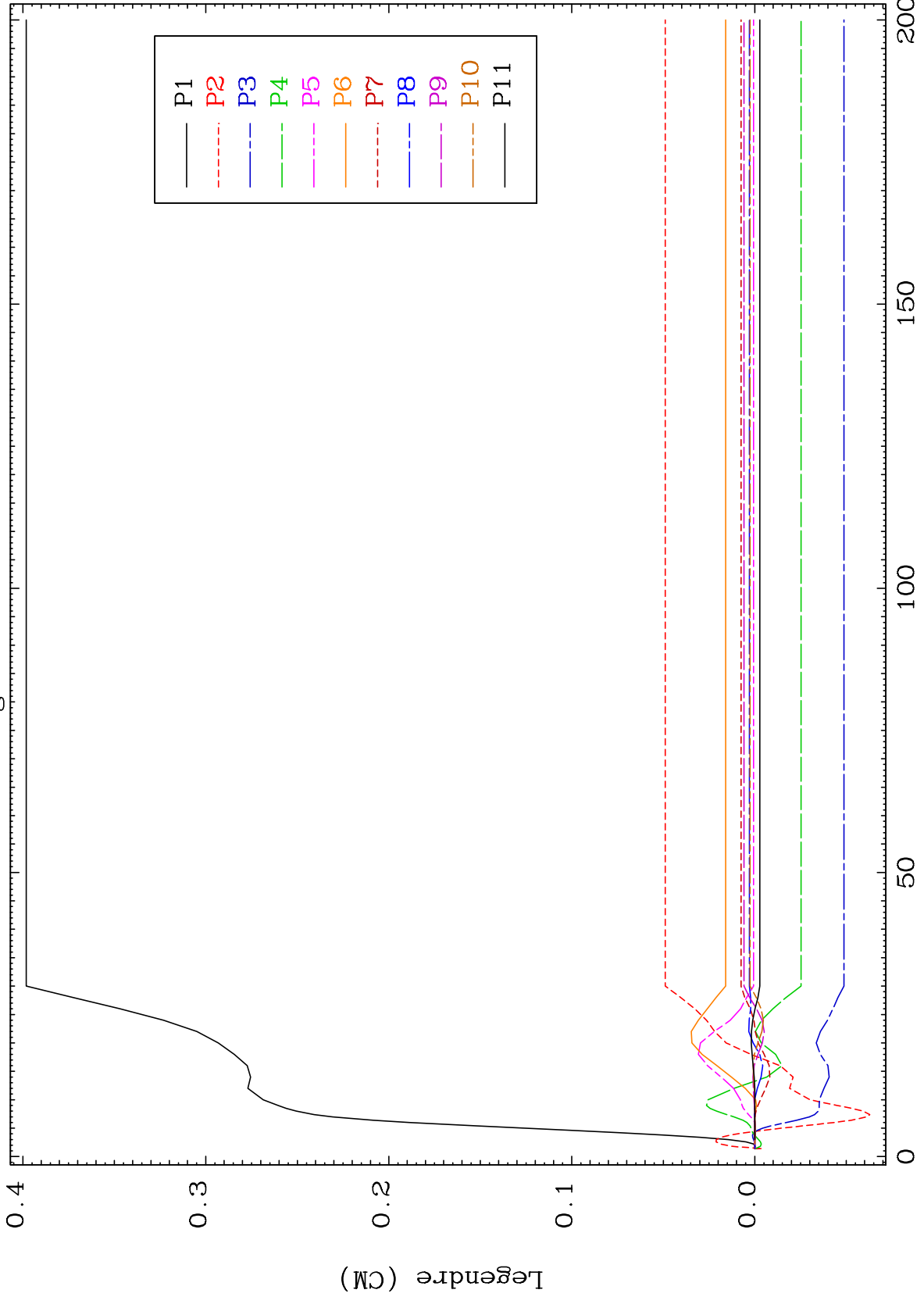
40-Zr-83

MAT 4004 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-83



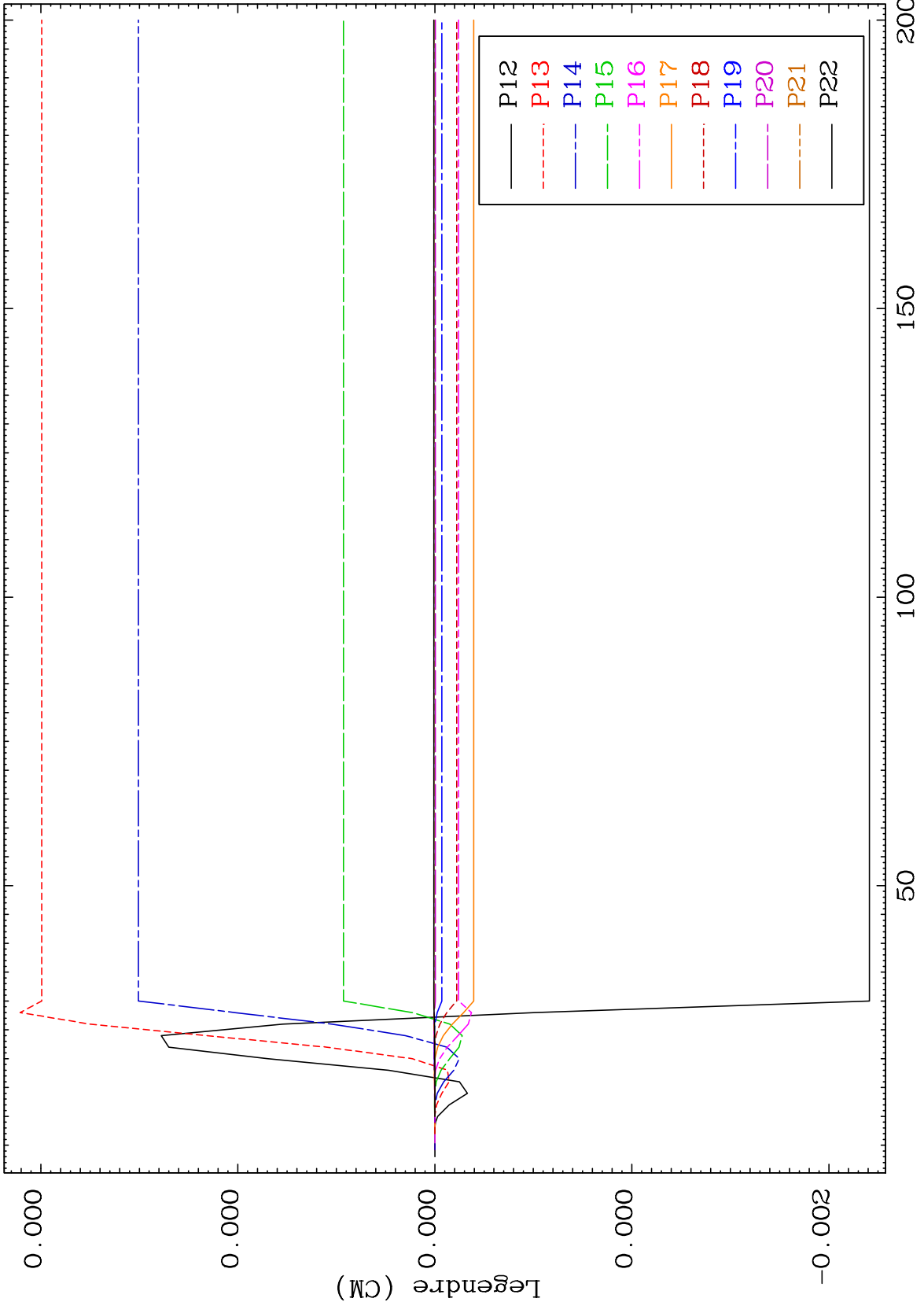
73 40-Zr-83

MAT 4004 MT= 67 (n,n') Level Legendre Coefficients 40-Zr-83



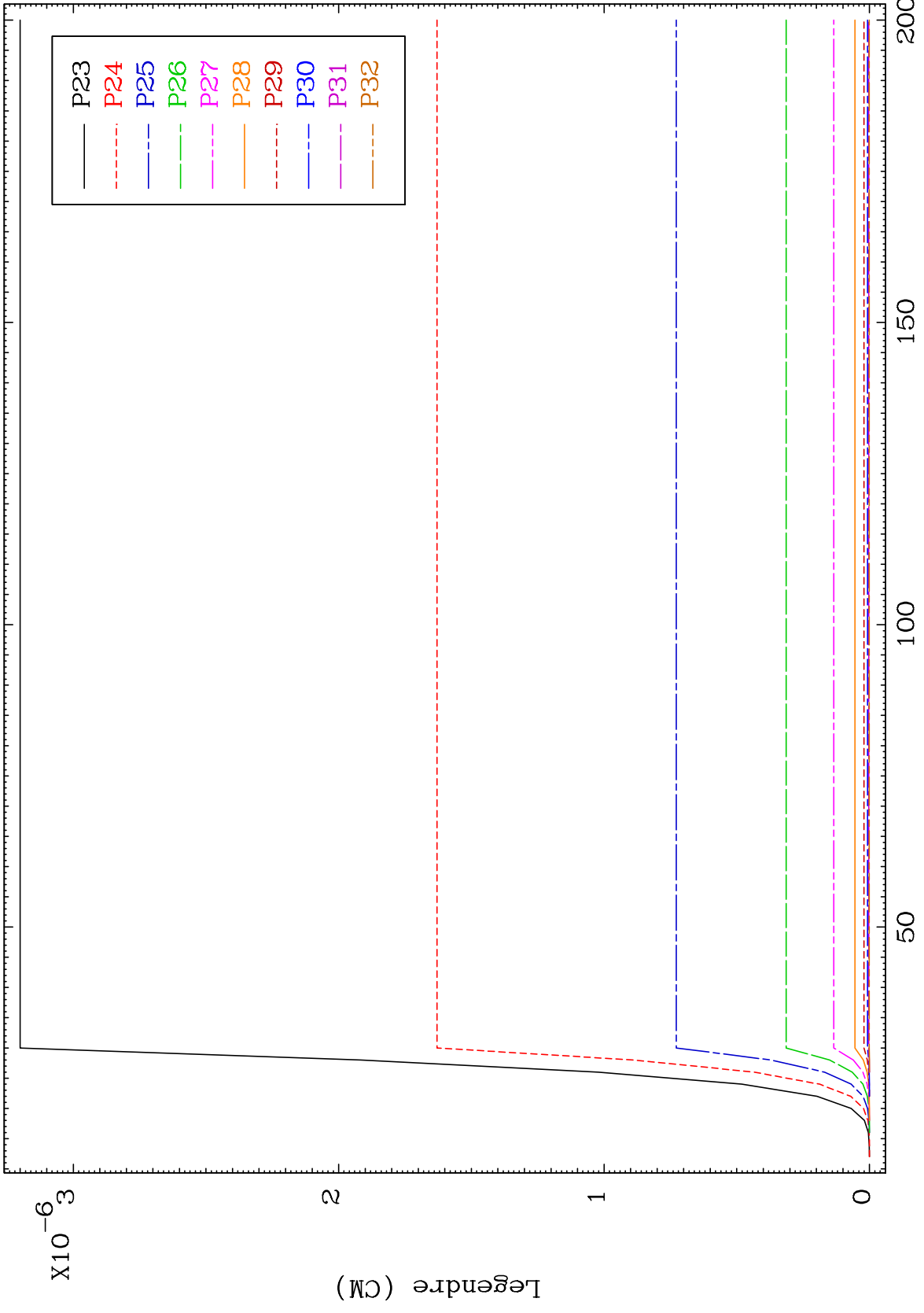
74 Incident Energy (MeV) 40-Zr-83

MAT 4004 MT= 67 (n,n') Level Legendre Coefficients 40-Zr-83



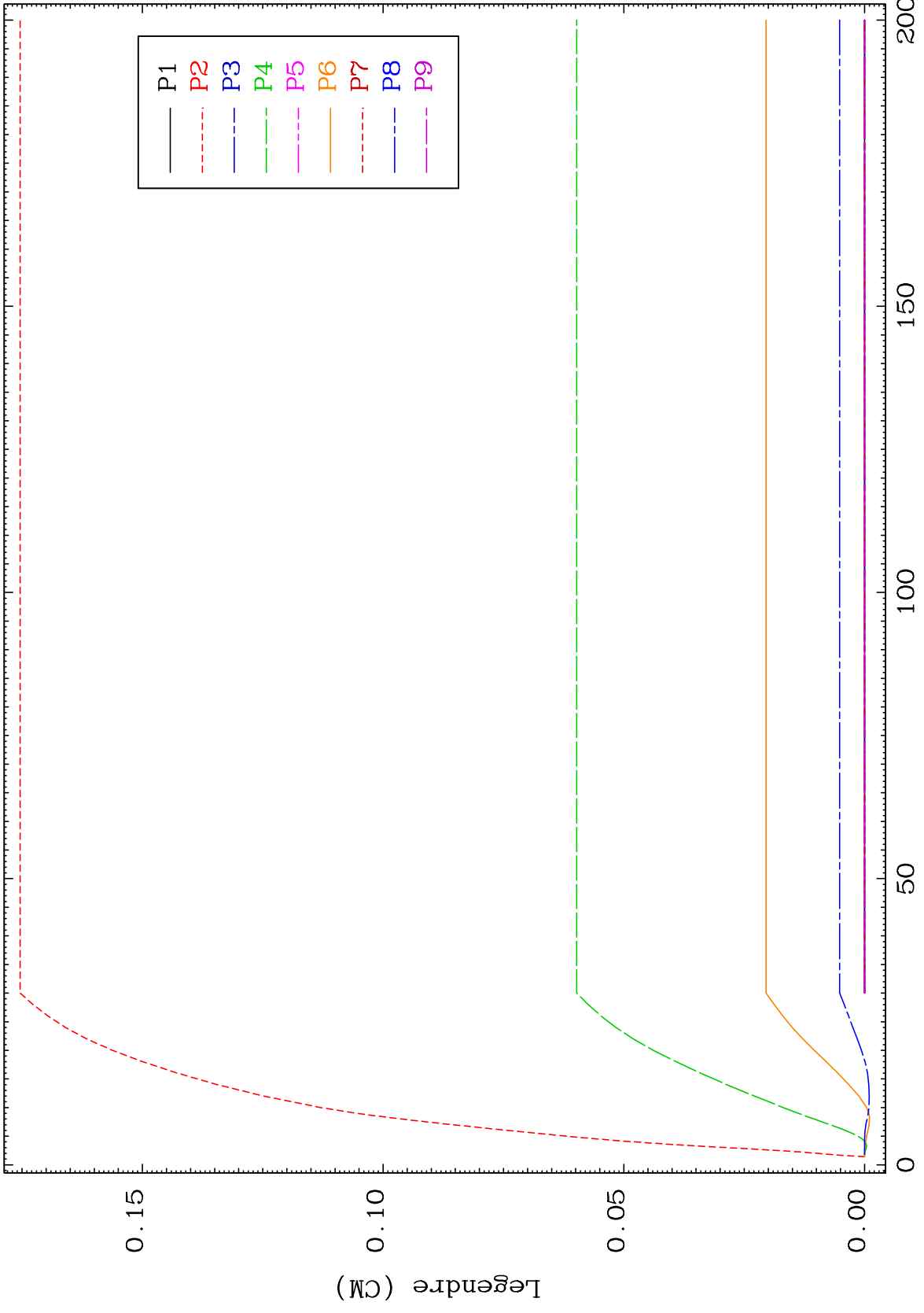
75 Incident Energy (MeV) 40-Zr-83

MAT 4004 MT= 67 (n,n') Level Legendre Coefficients 40-Zr-83



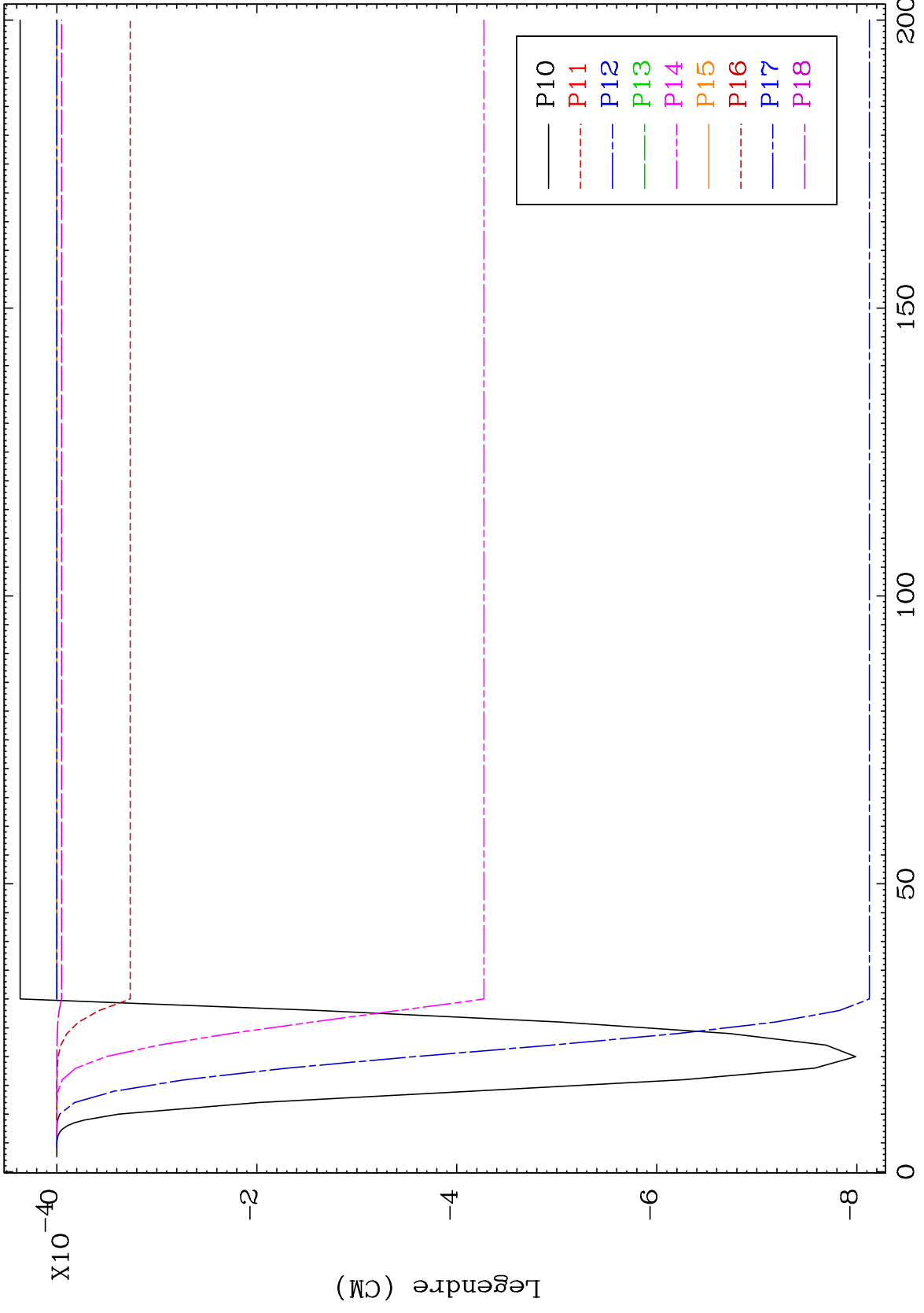
76 50 100 150 200 Incident Energy (MeV) 40-Zr-83

MAT 4004 MT= 68 (n,n') Level Legendre Coefficients 40-Zr-83



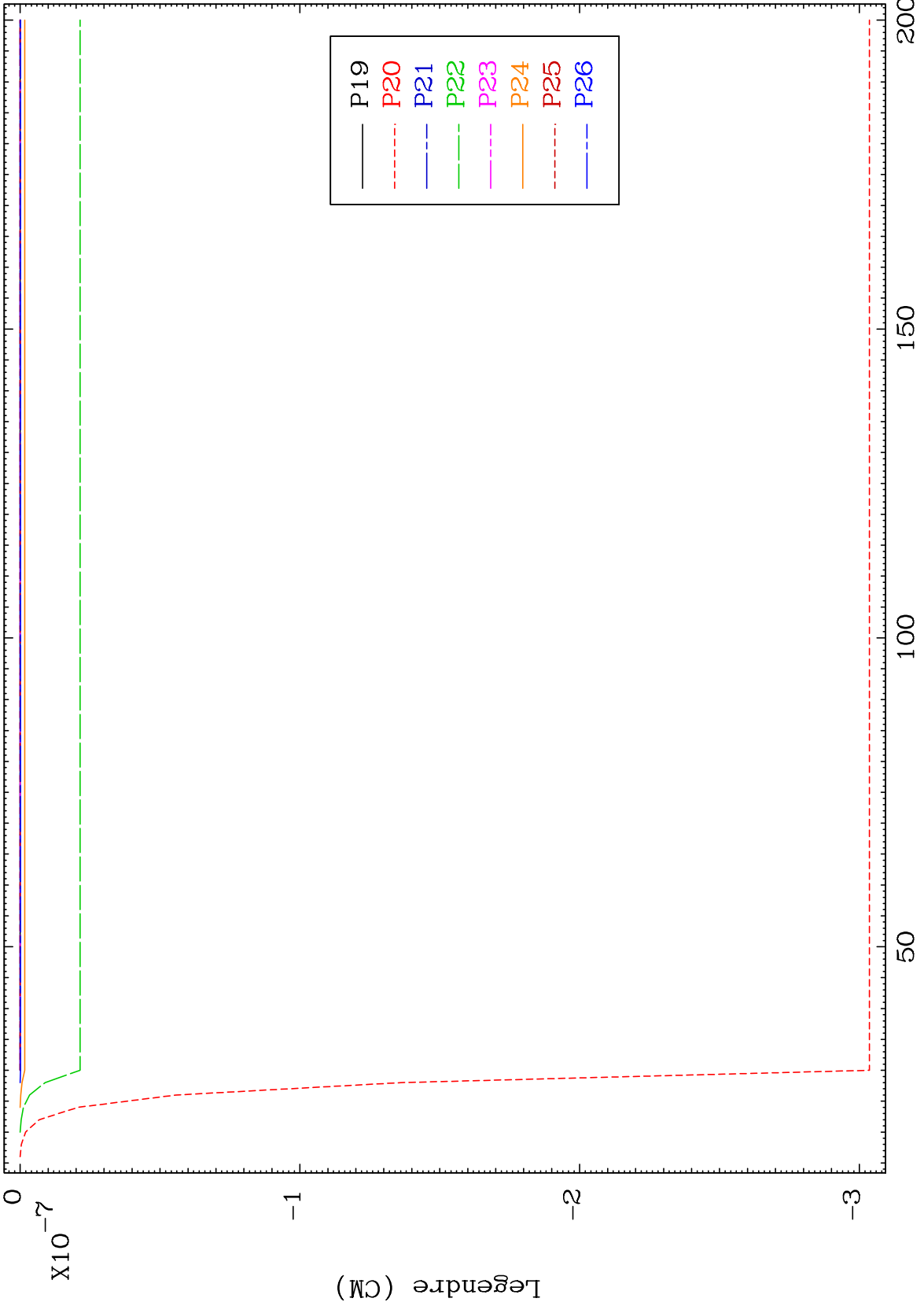
77 Incident Energy (MeV) 40-Zr-83

MAT 4004 MT= 68 (n,n') Level Legendre Coefficients 40-Zr-83



78 40-Zr-83

MAT 4004 MT= 68 (n,n') Level Legendre Coefficients 40-Zr-83



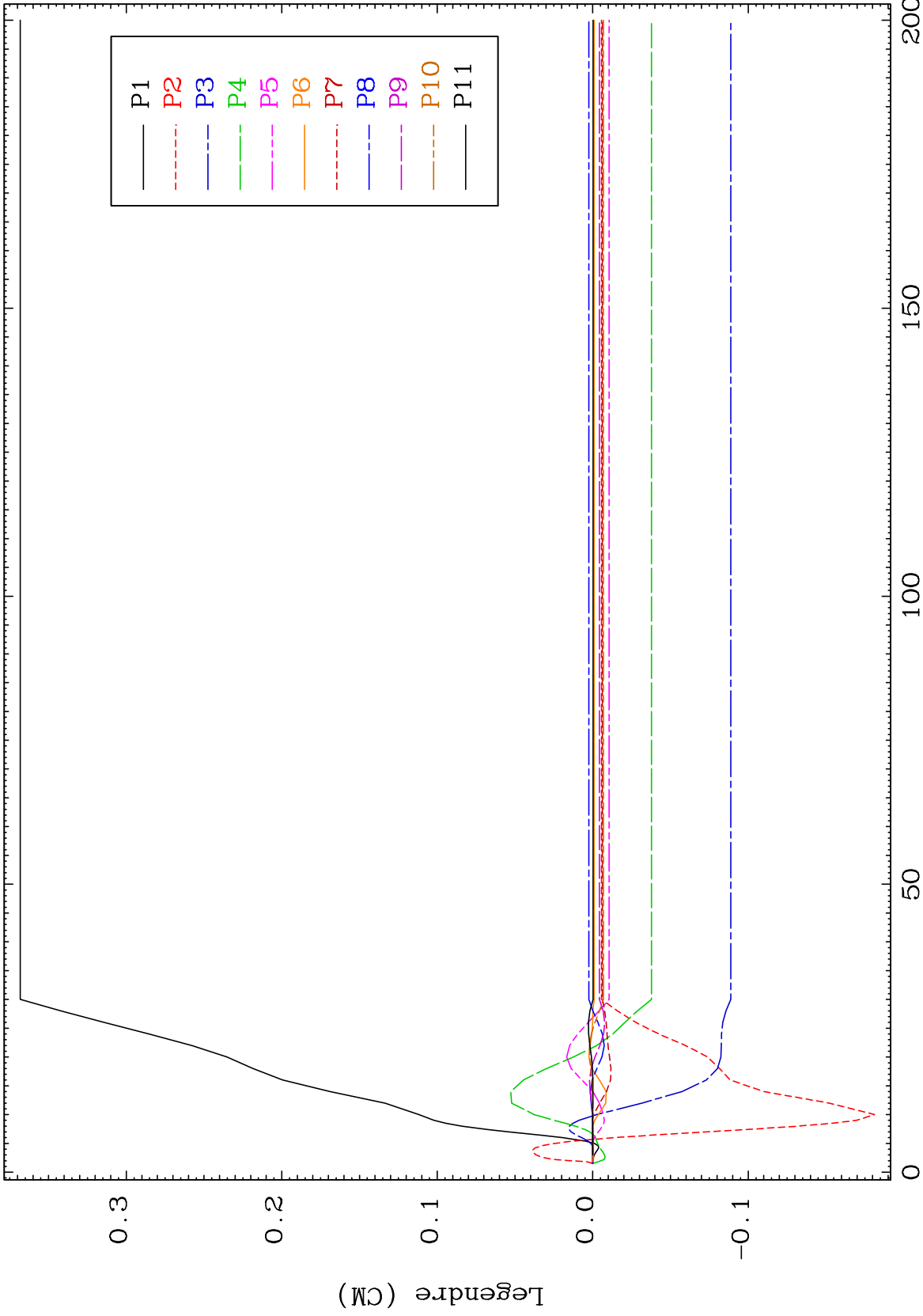
79 40-Zr-83



MAT 4004

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

40-Zr-83



40-Zr-83

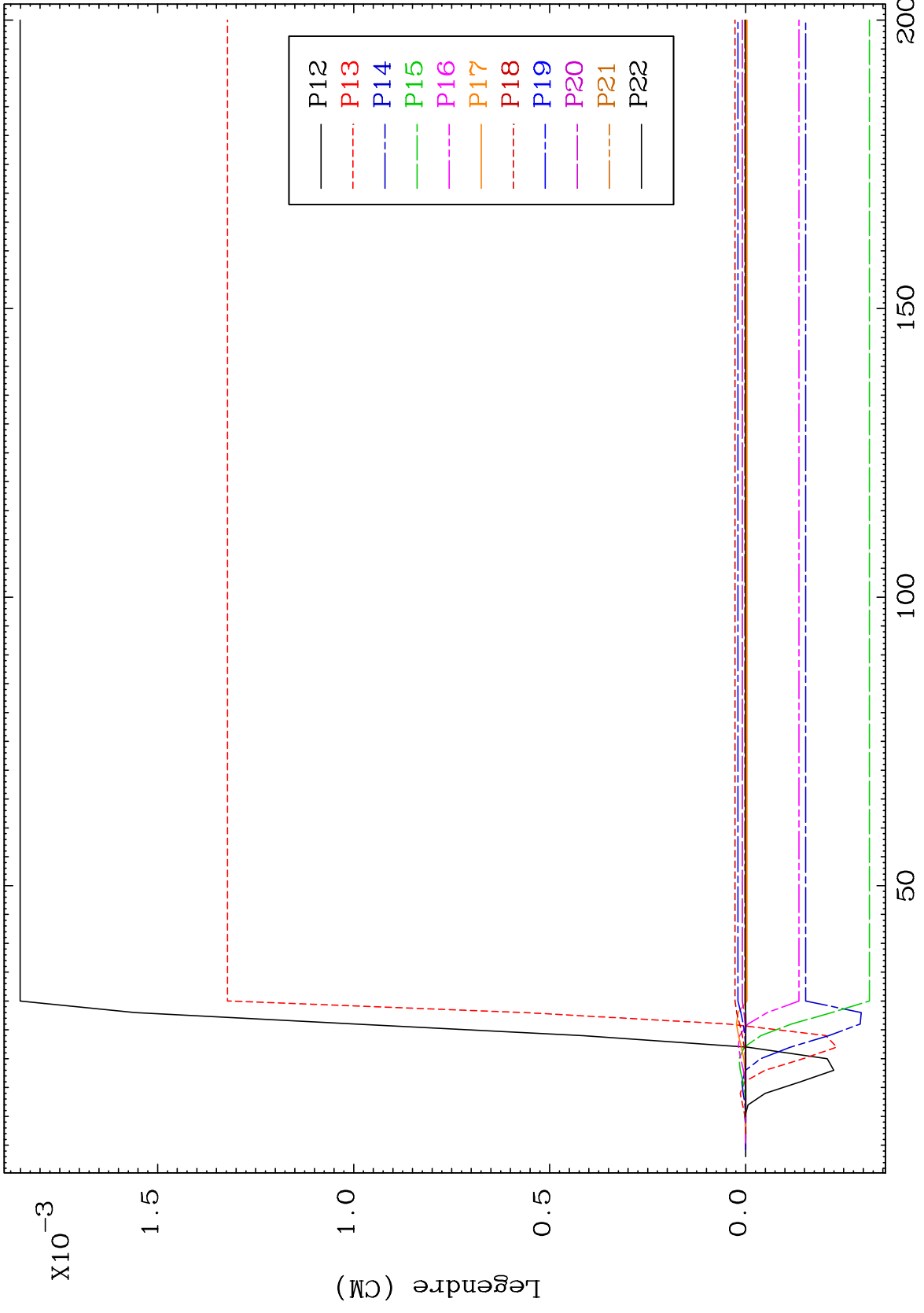
Incident Energy (MeV)

80

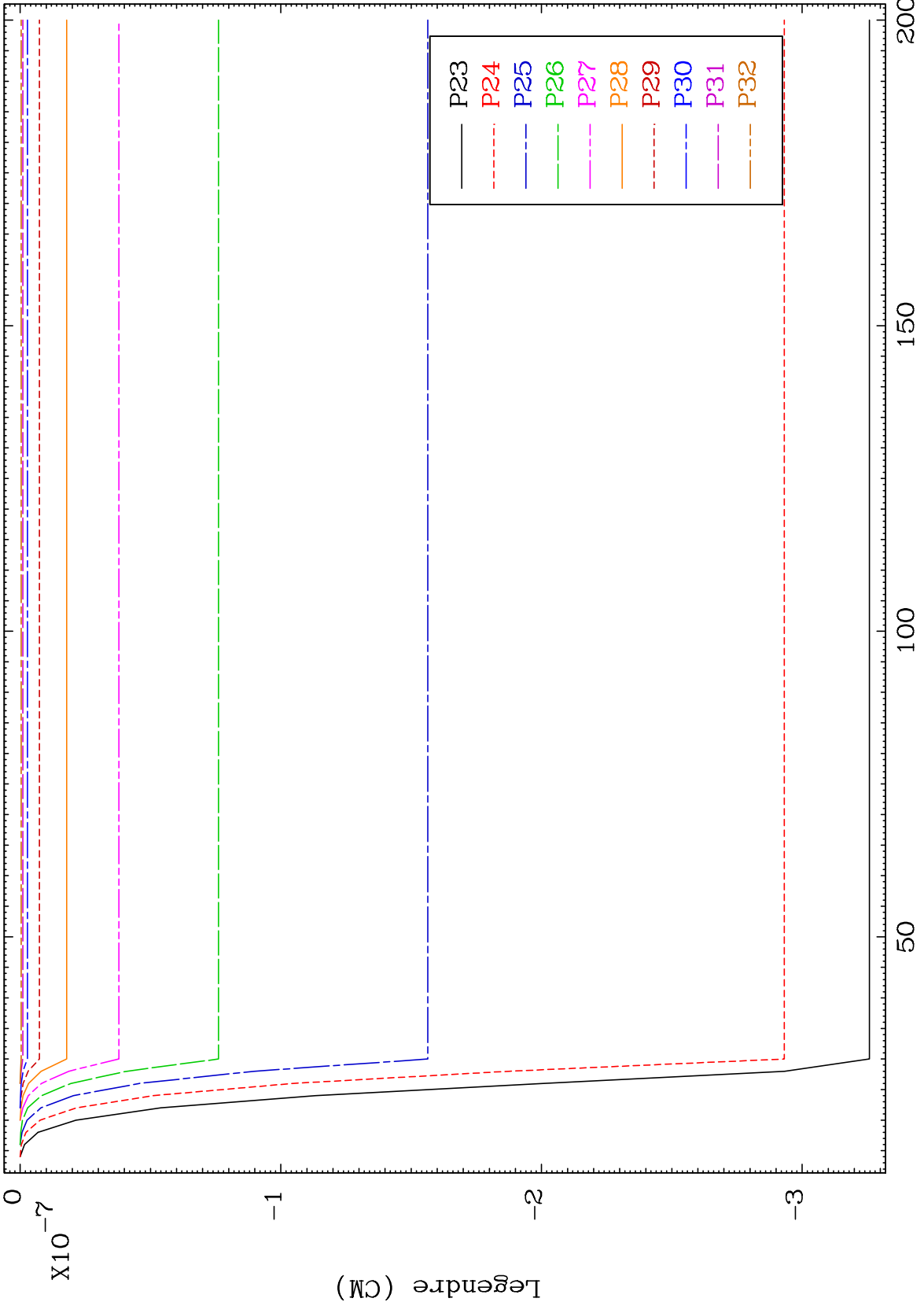
MAT 4004

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

40-Zr-83

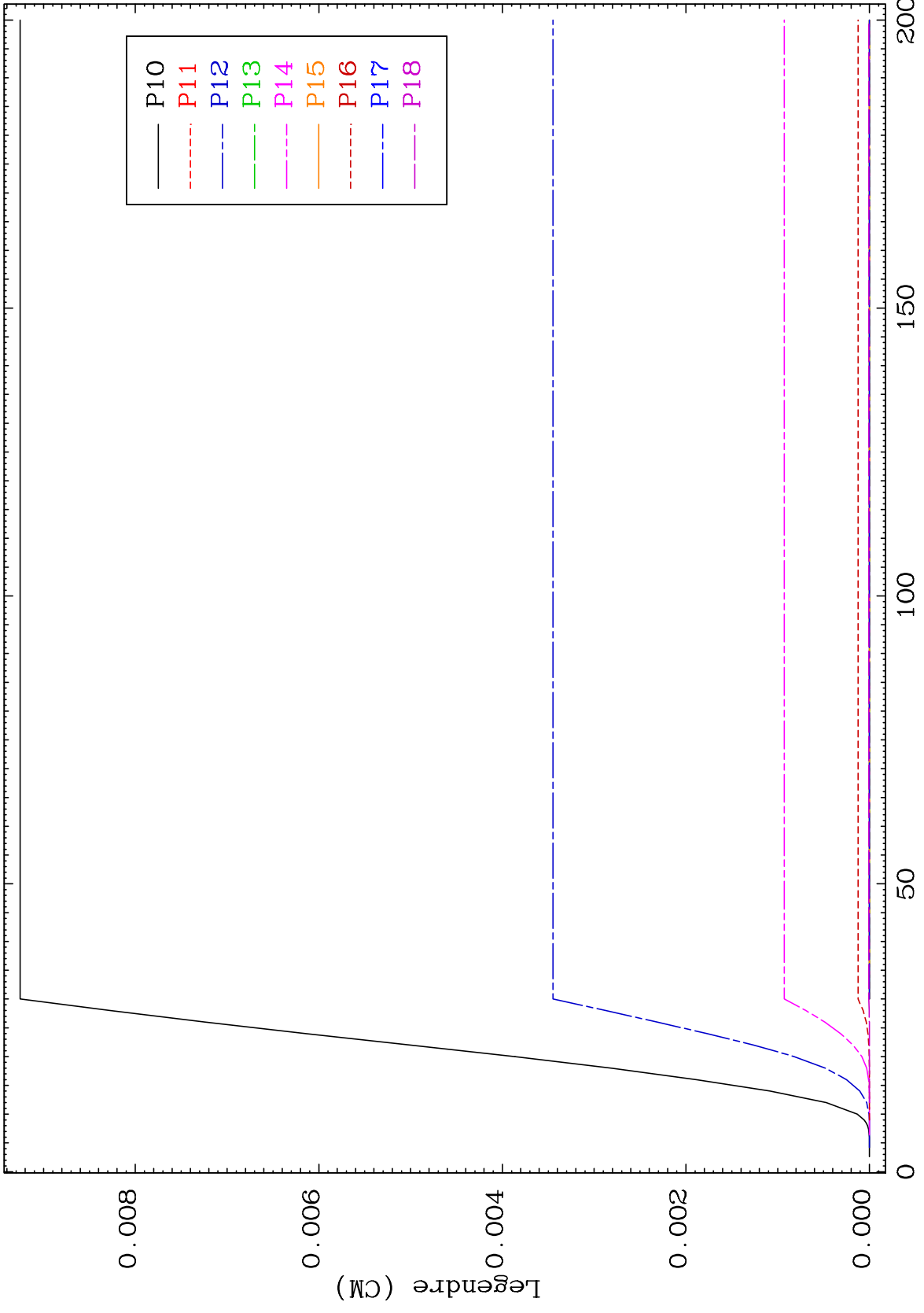


MAT 4004 MT= 69 (n,n') Level Legendre Coefficients 40-Zr-83



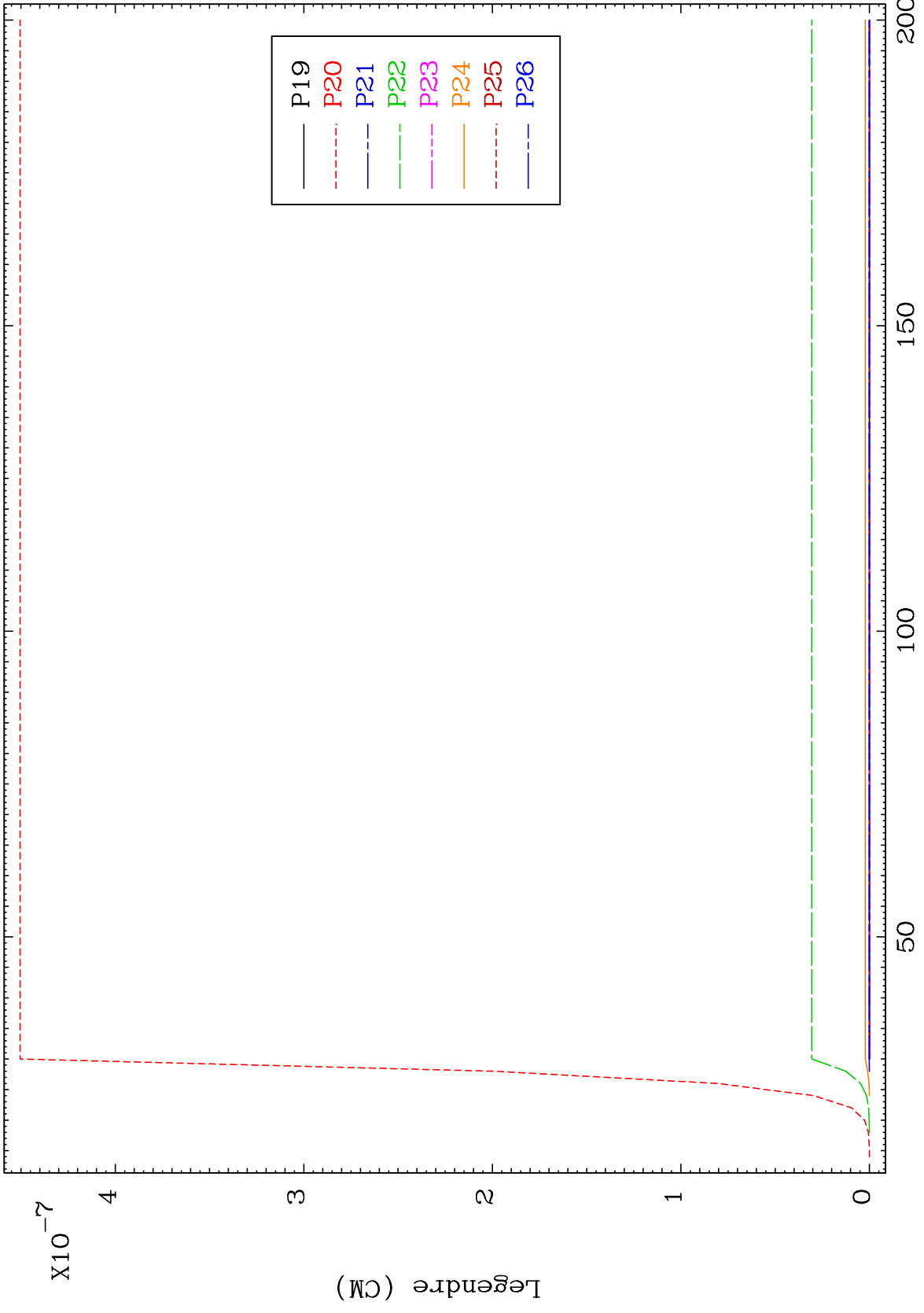


MAT 4004 MT= 70 (n,n') Level Legendre Coefficients 40-Zr-83



84 40-Zr-83

MAT 4004 MT= 70 (n,n') Level Legendre Coefficients 40-Zr-83

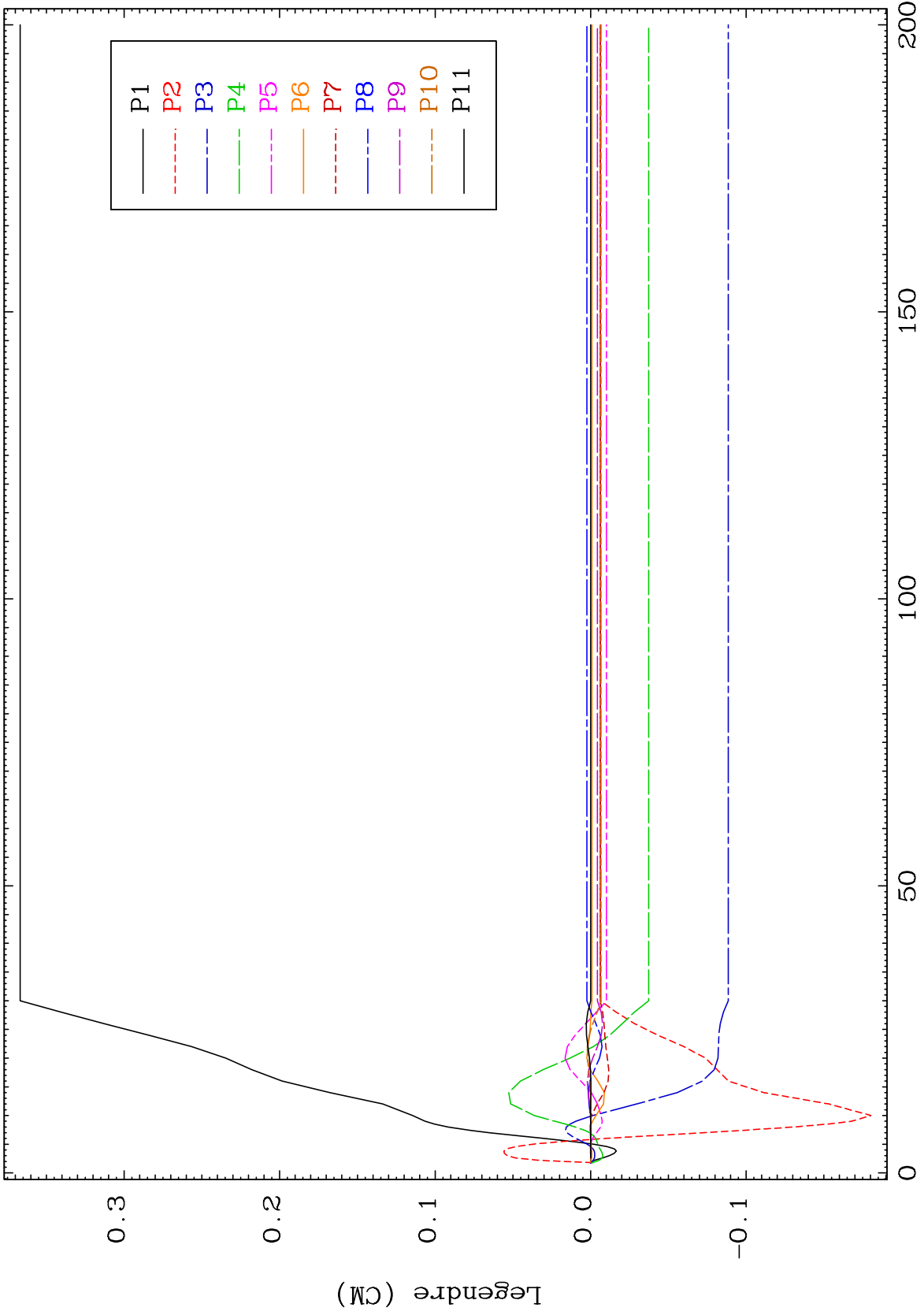


85 Incident Energy (MeV) 40-Zr-83

MAT 4004

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

40-Zr-83



86

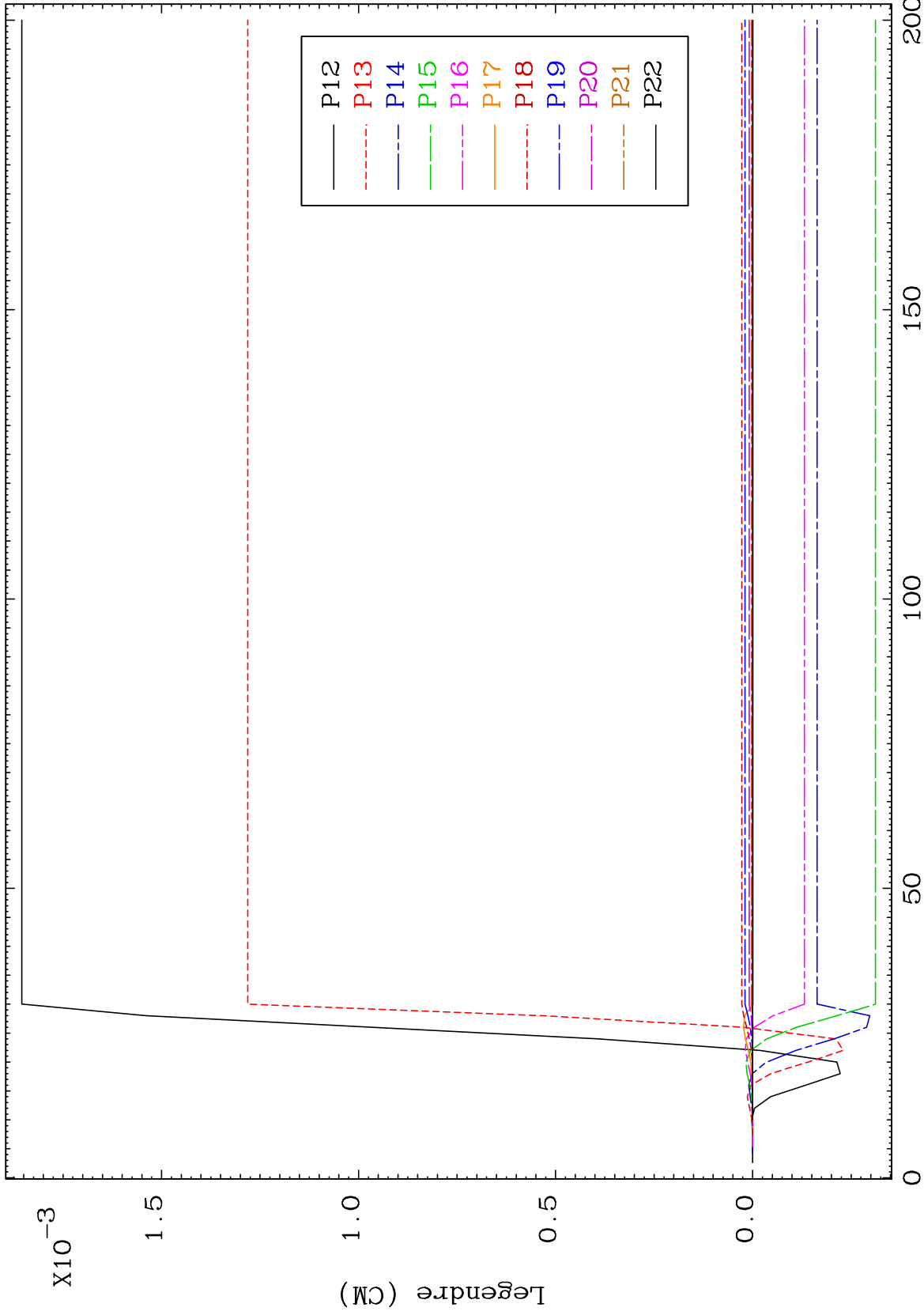
Incident Energy (MeV)

40-Zr-83

MAT 4004

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

40-Zr-83



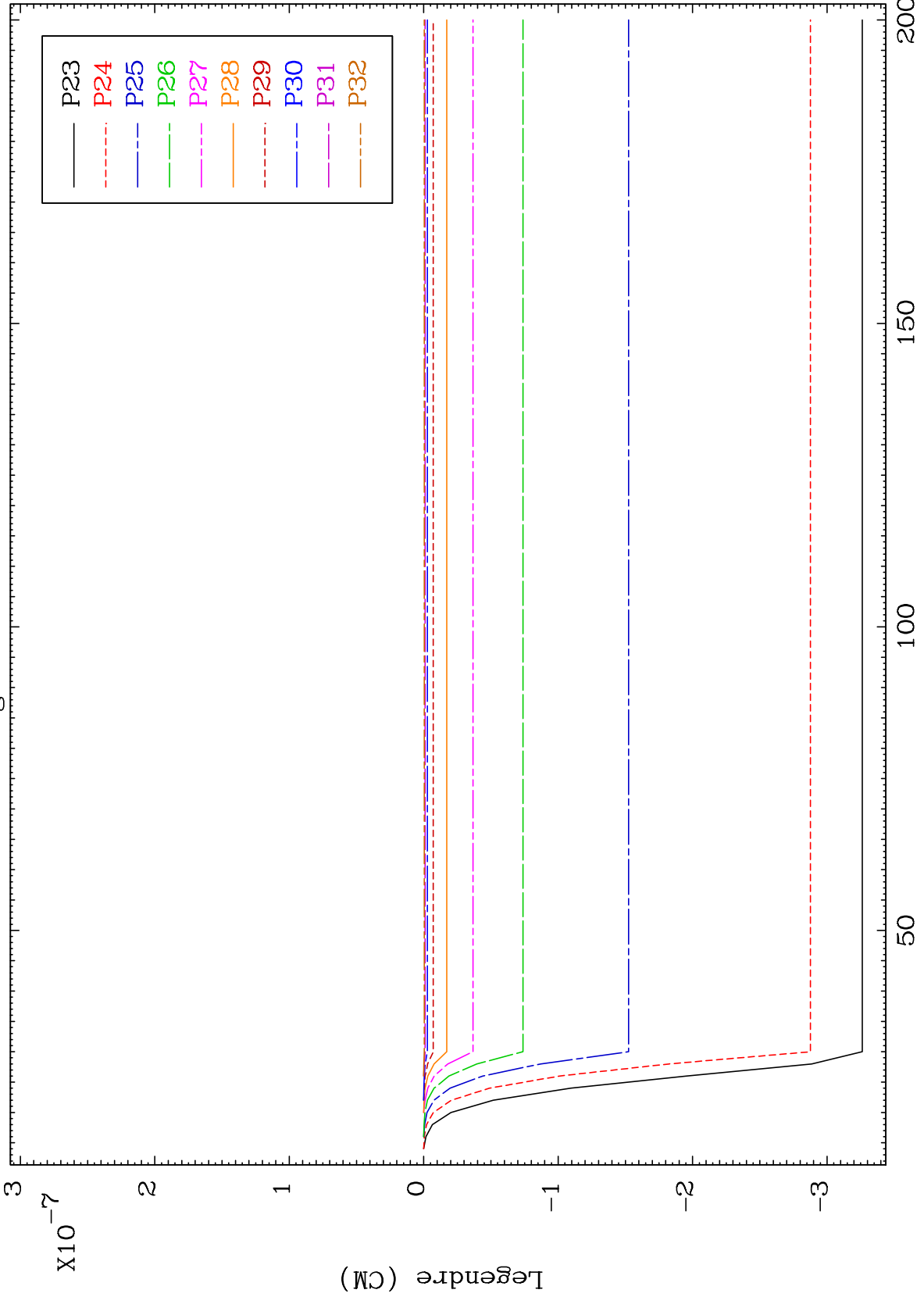
87

Incident Energy (MeV)

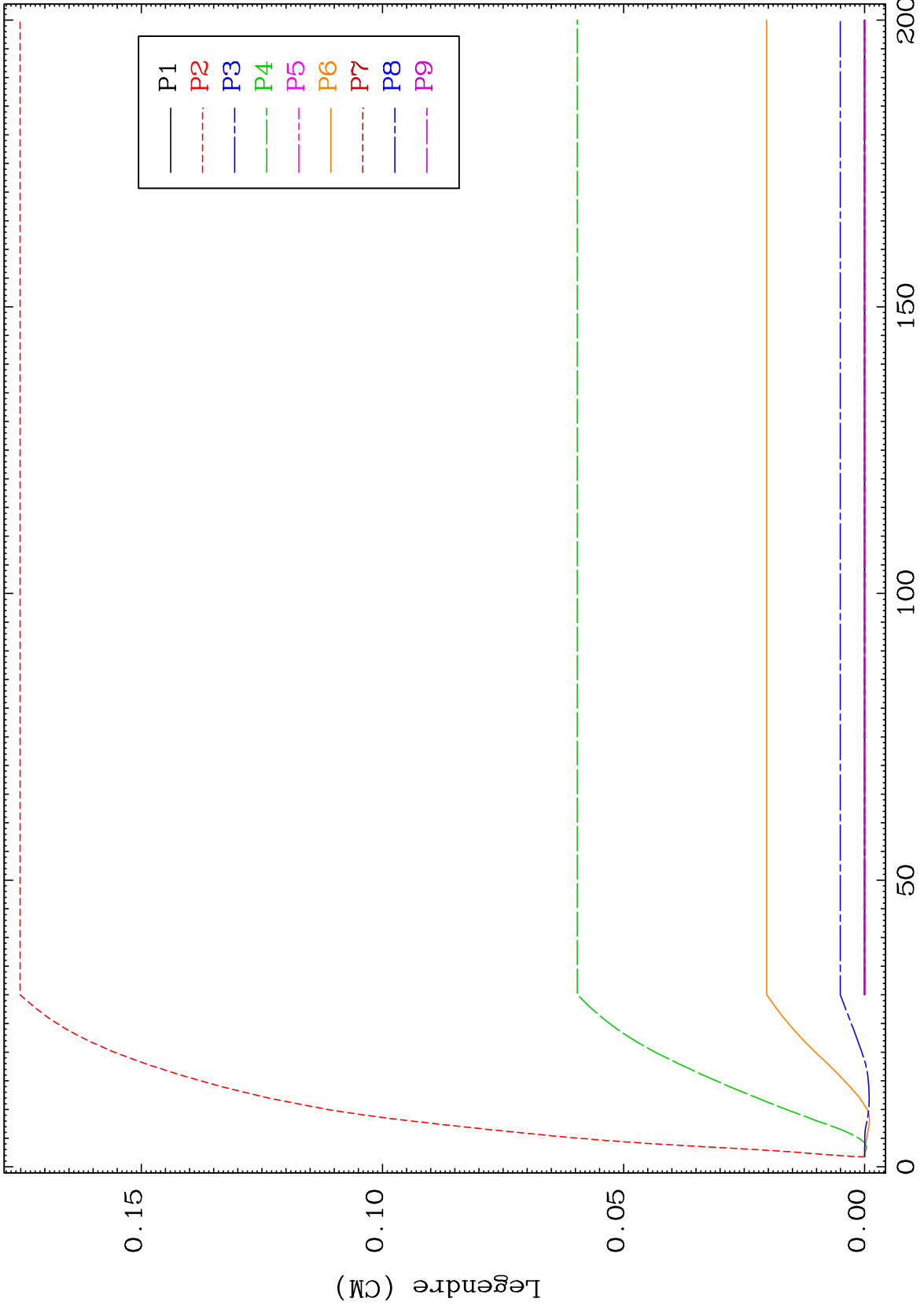
40-Zr-83



MAT 4004 MT= 71 (n,n') Level Legendre Coefficients 40-Zr-83

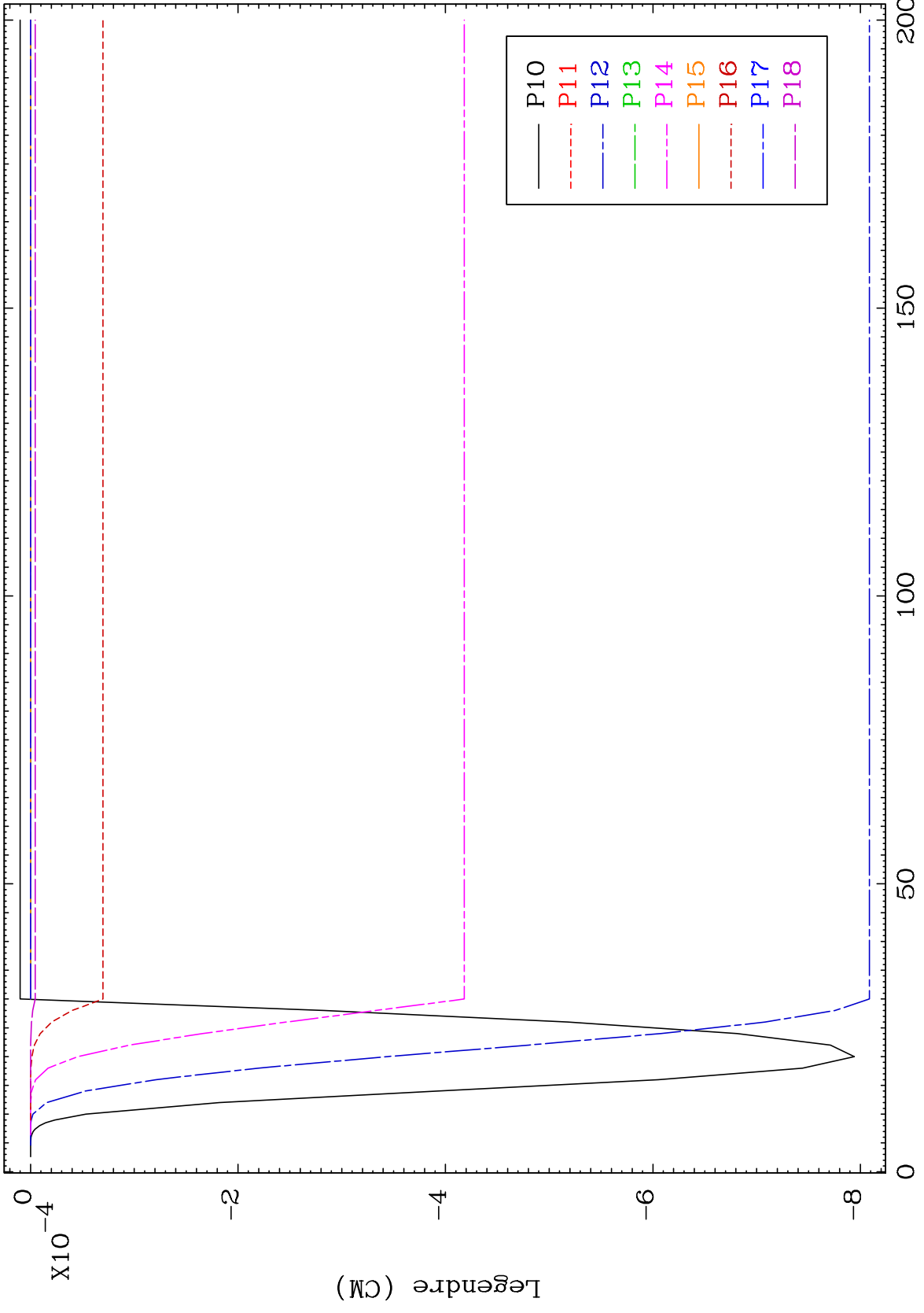


MAT 4004 MT= 72 (n,n') Level Legendre Coefficients 40-Zr-83



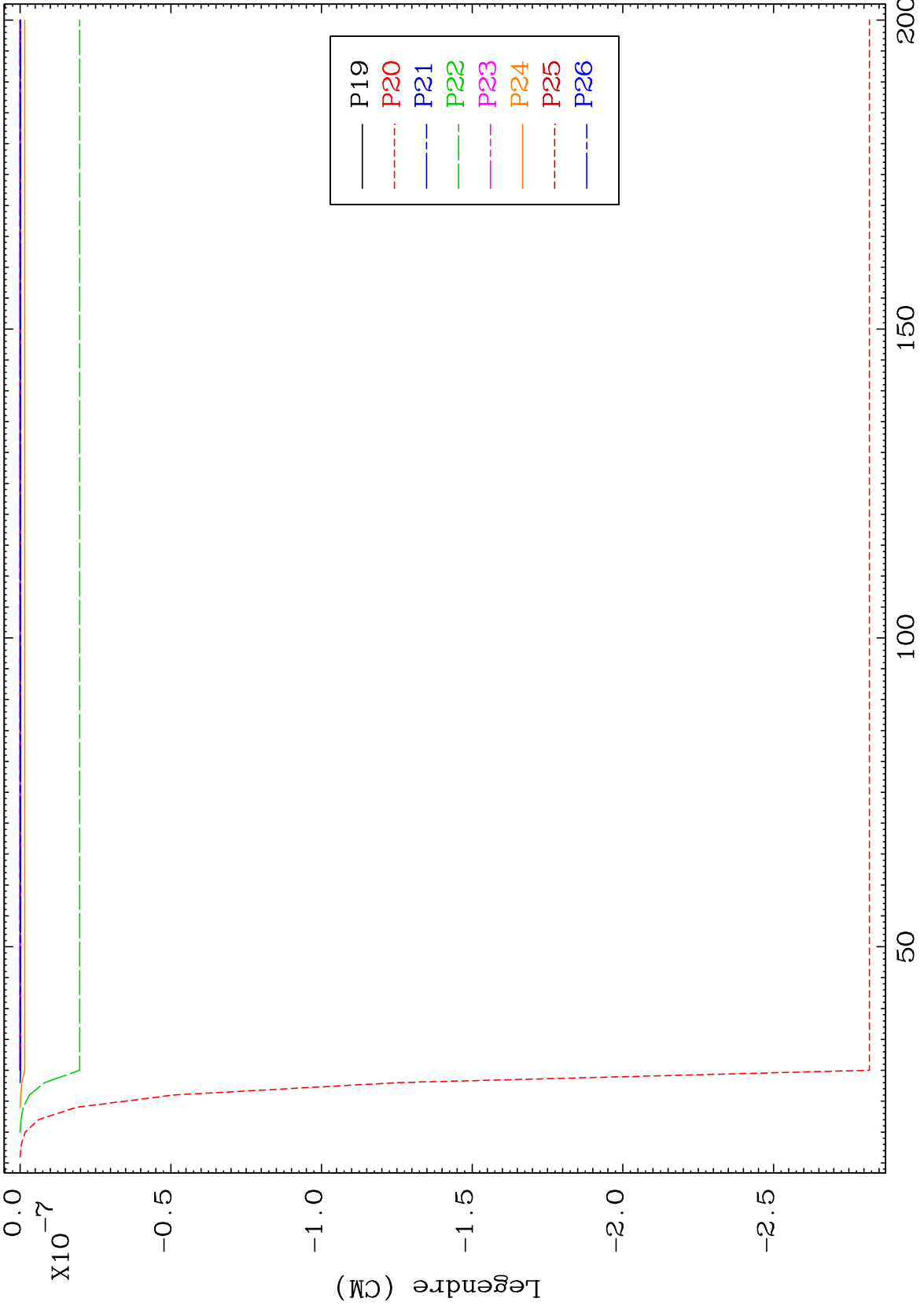
89 40-Zr-83

MAT 4004 MT= 72 (n,n') Level Legendre Coefficients 40-Zr-83

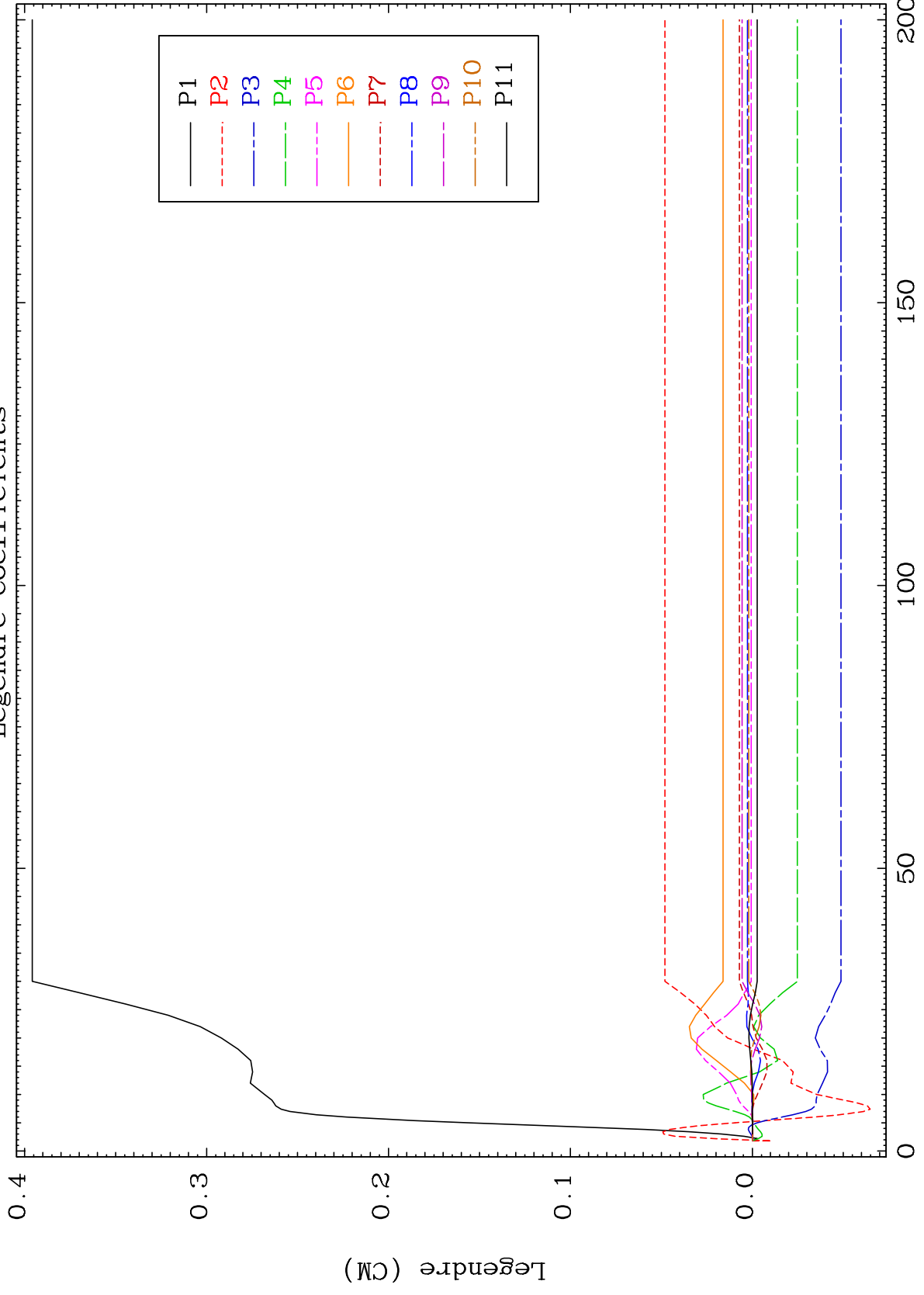


90 Incident Energy (MeV) 40-Zr-83

MAT 4004 MT= 72 (n,n') Level Legendre Coefficients 40-Zr-83



MAT 4004 MT= 73 (n,n') Level Legendre Coefficients 40-Zr-83

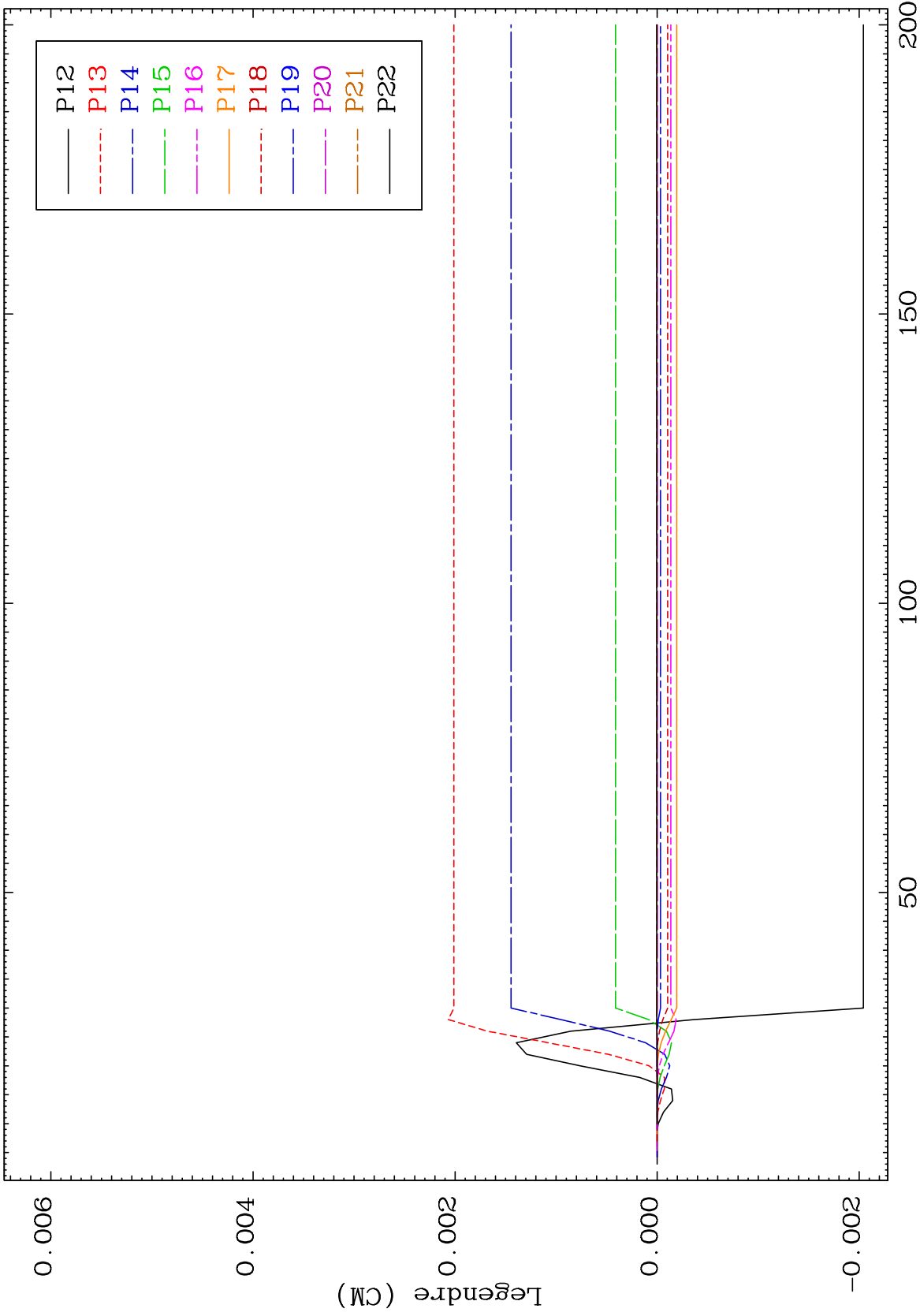


92 40-Zr-83

MAT 4004

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

40-Zr-83

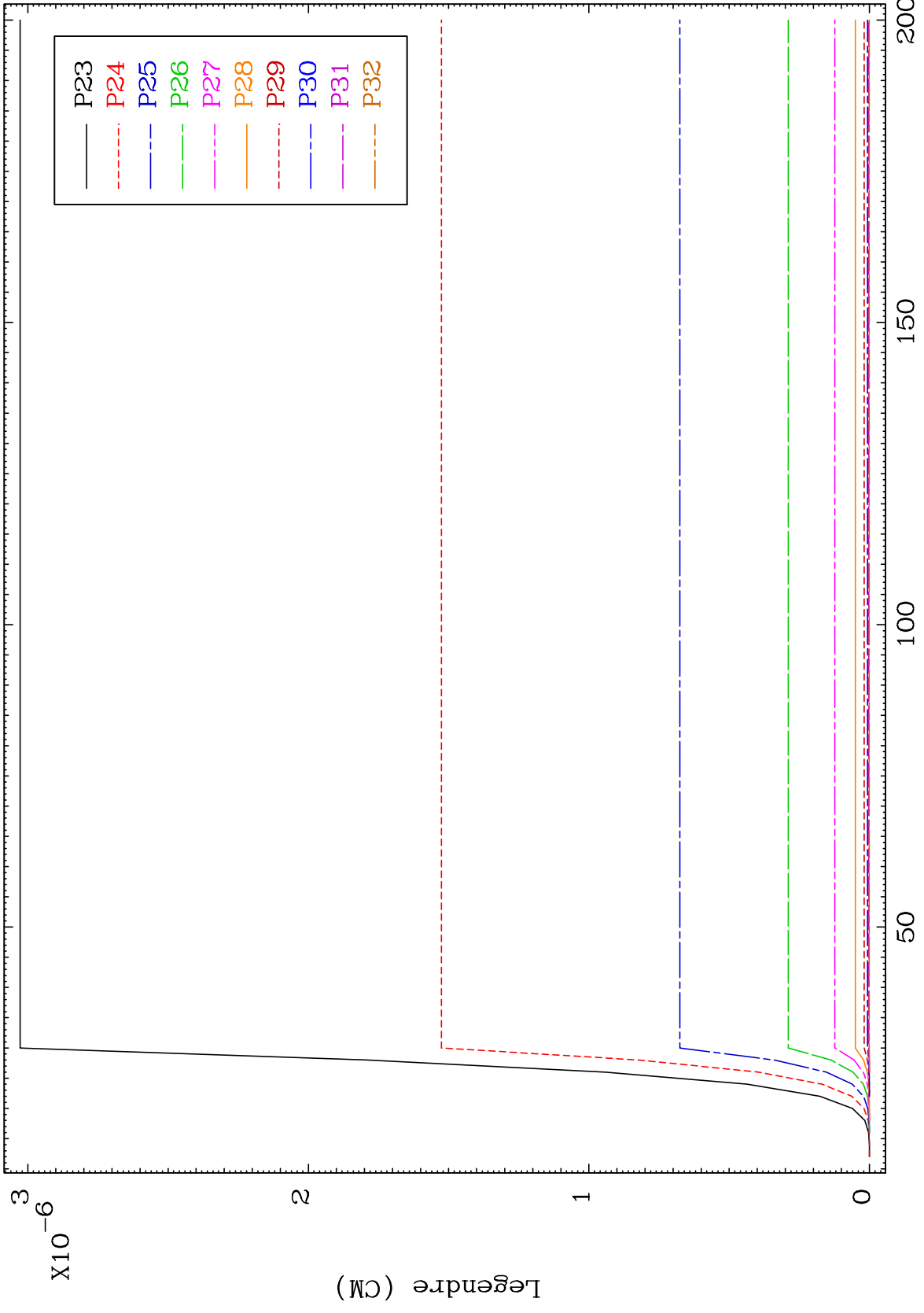


93

Incident Energy (MeV)

40-Zr-83

MAT 4004 MT= 73 (n,n') Level Legendre Coefficients 40-Zr-83

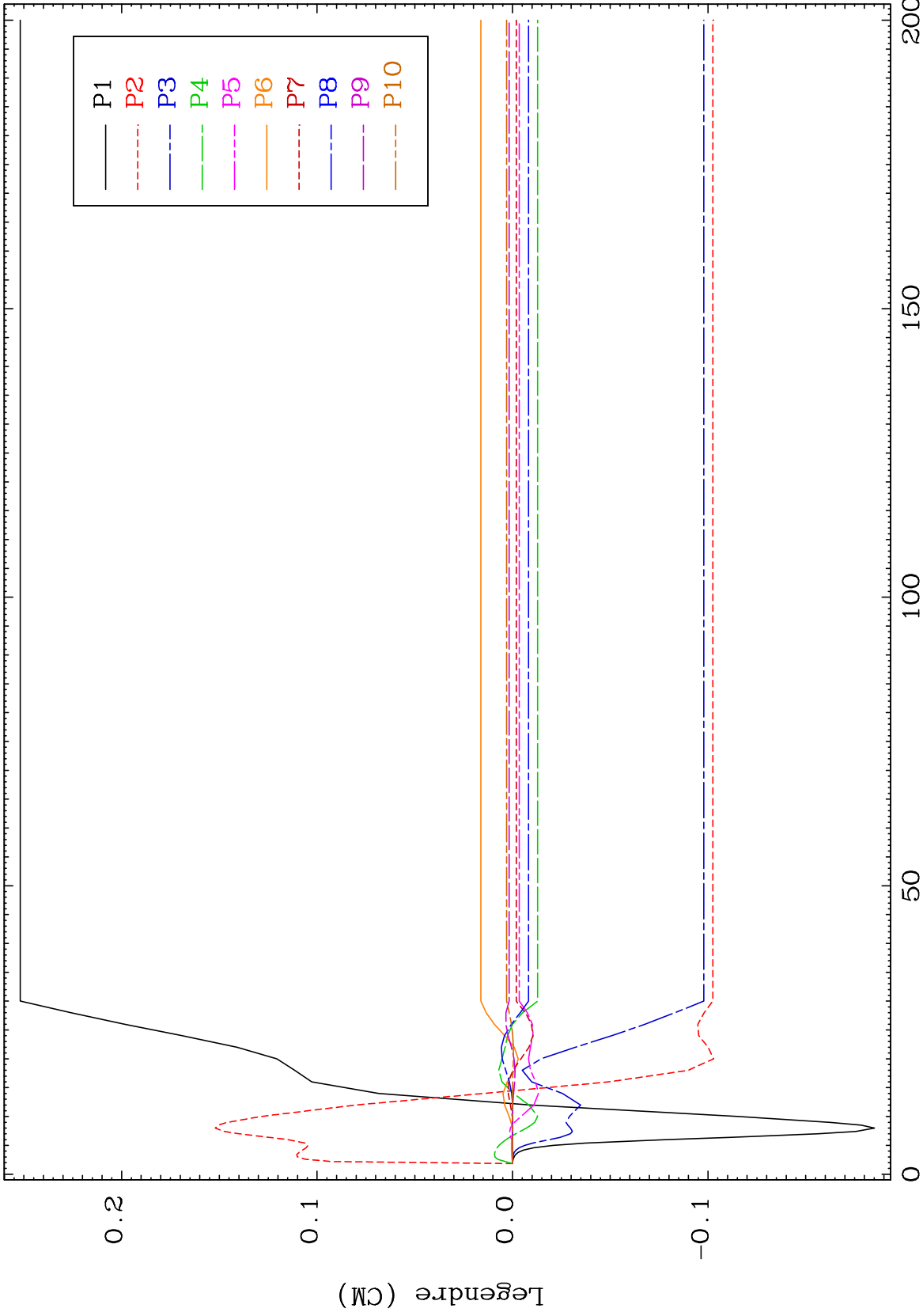


94 40-Zr-83

MAT 4004

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

40-Zr-83

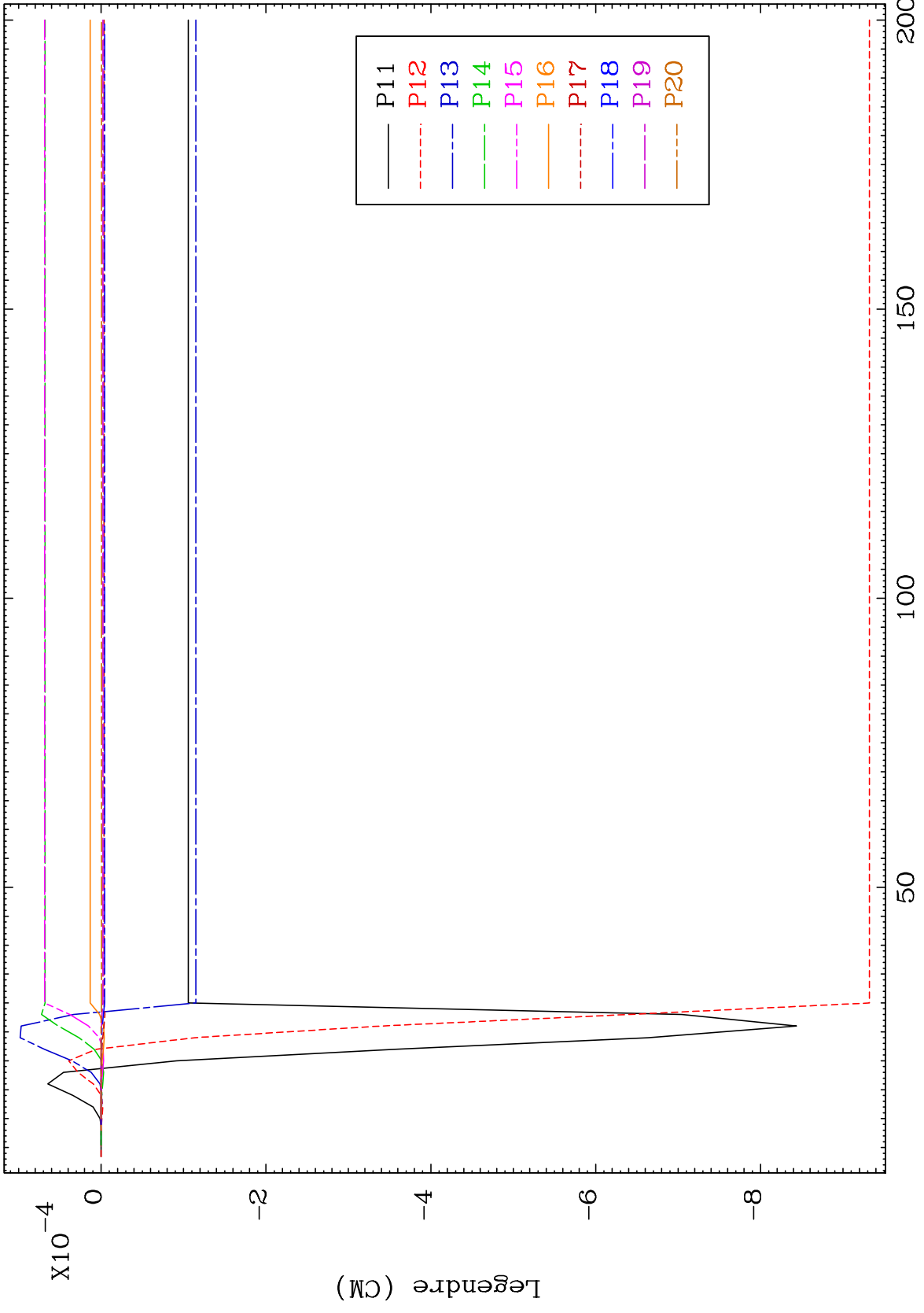


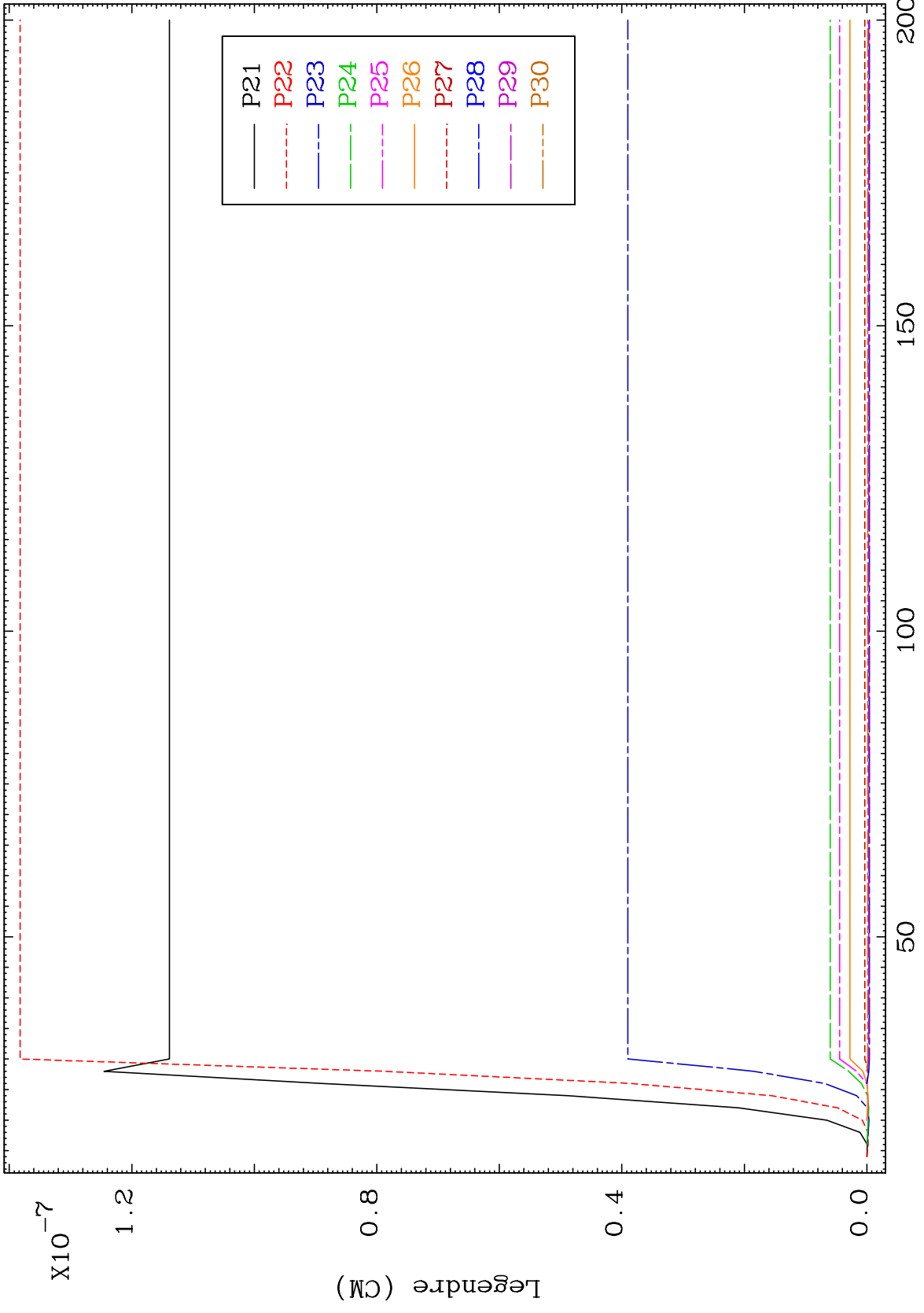
95

Incident Energy (MeV)

40-Zr-83



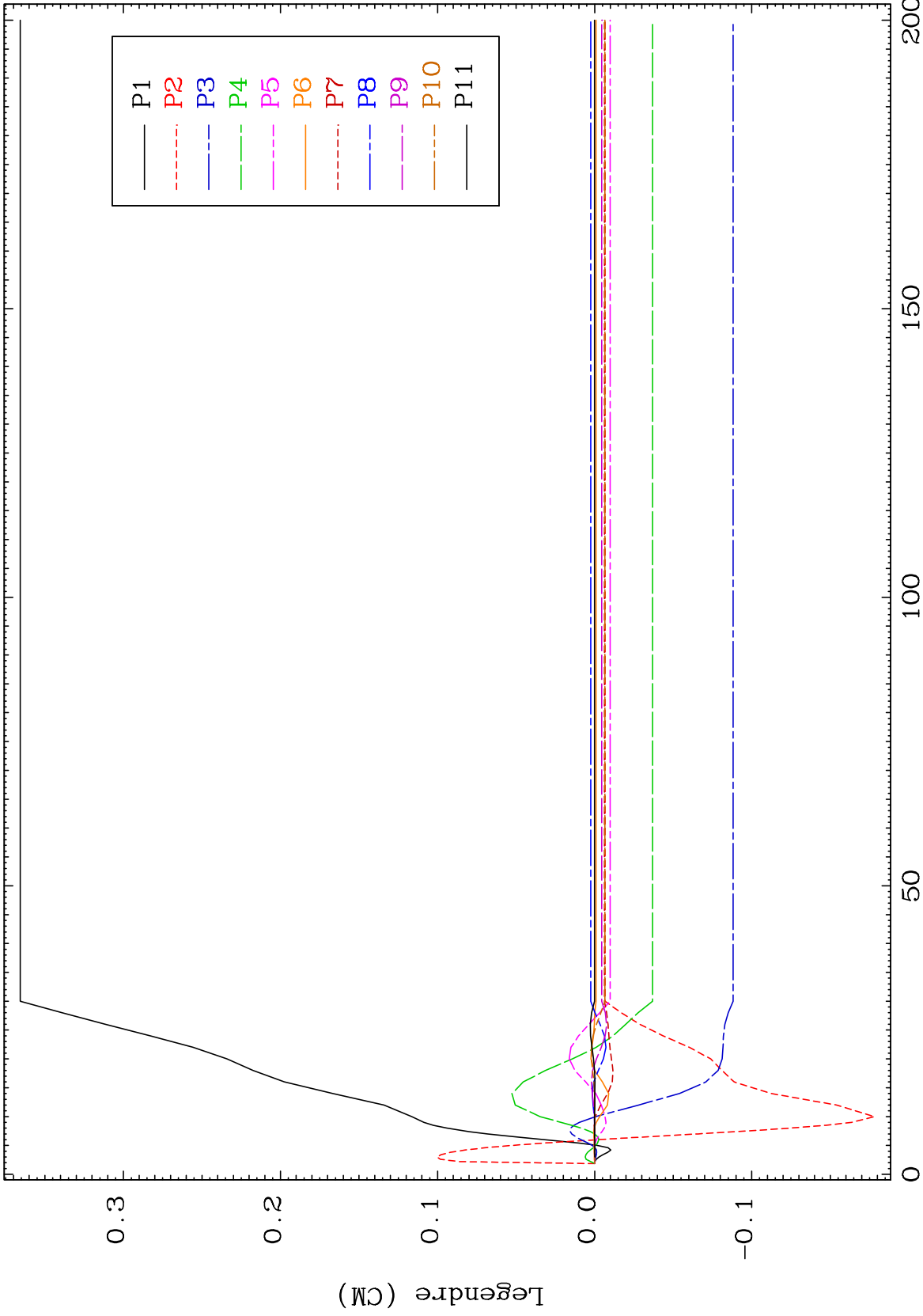




MAT 4004

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

40-Zr-83



98

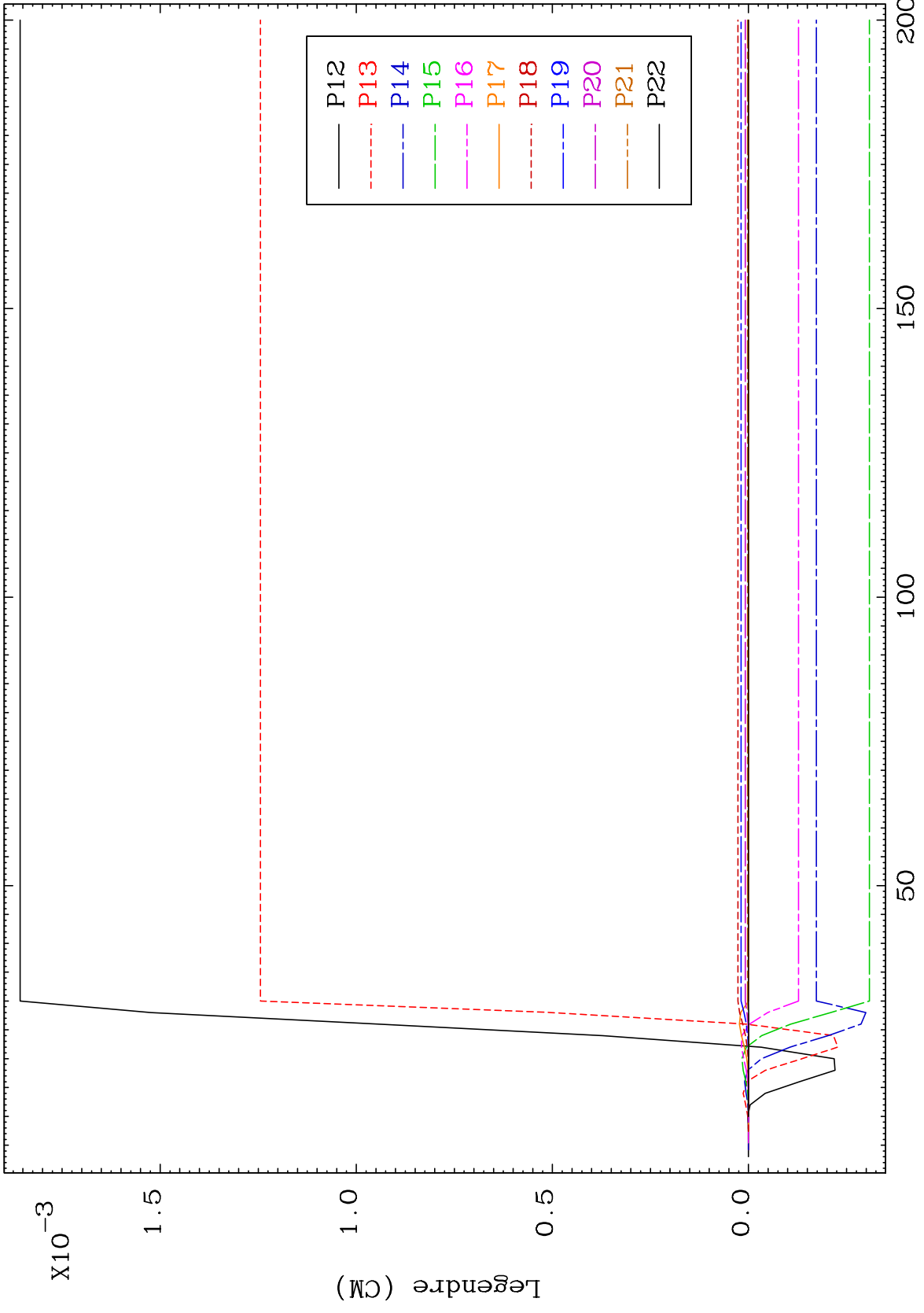
Incident Energy (MeV)

40-Zr-83

MAT 4004

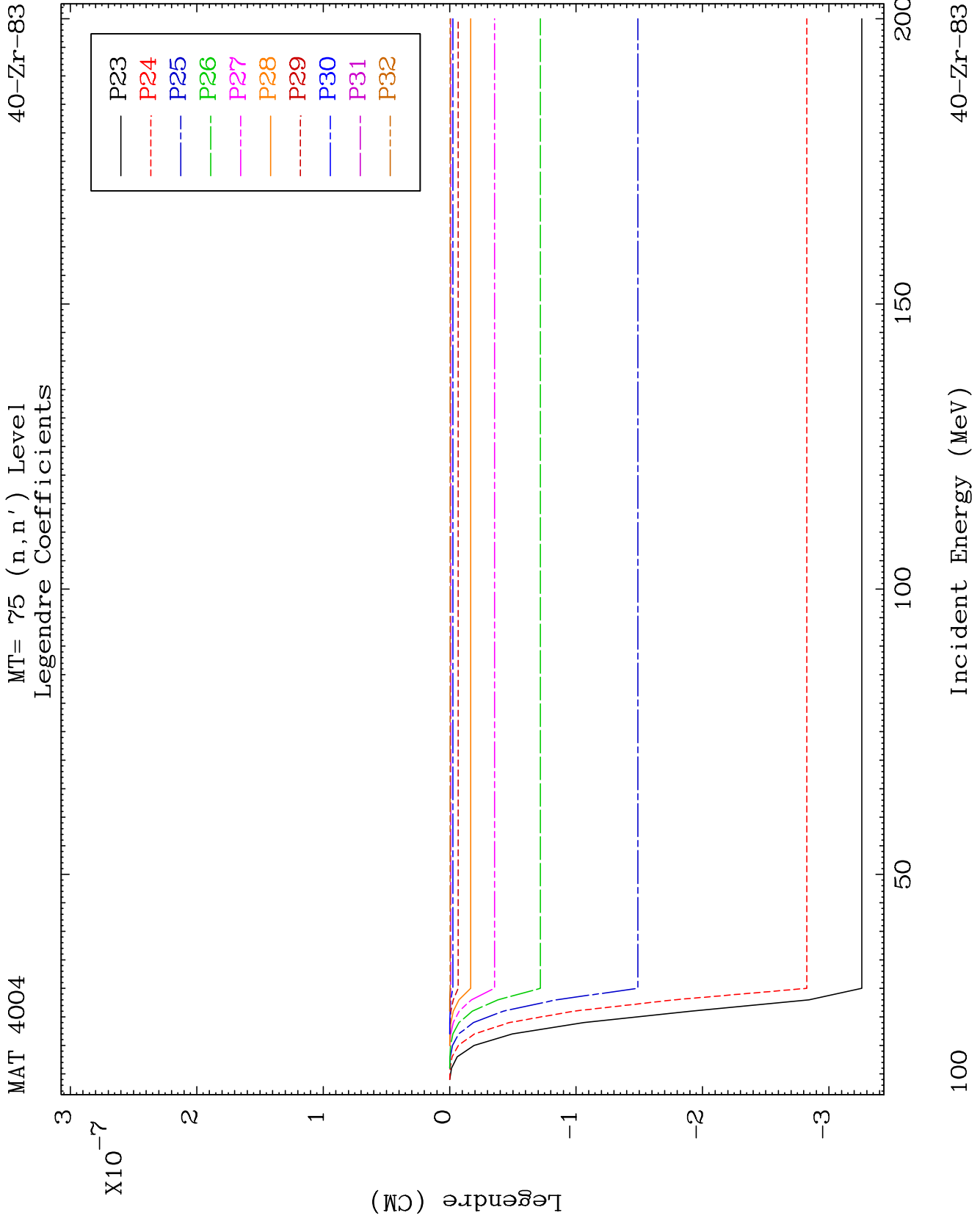
MT= 75 (n,n') Level  
Legendre Coefficients

40-Zr-83



99

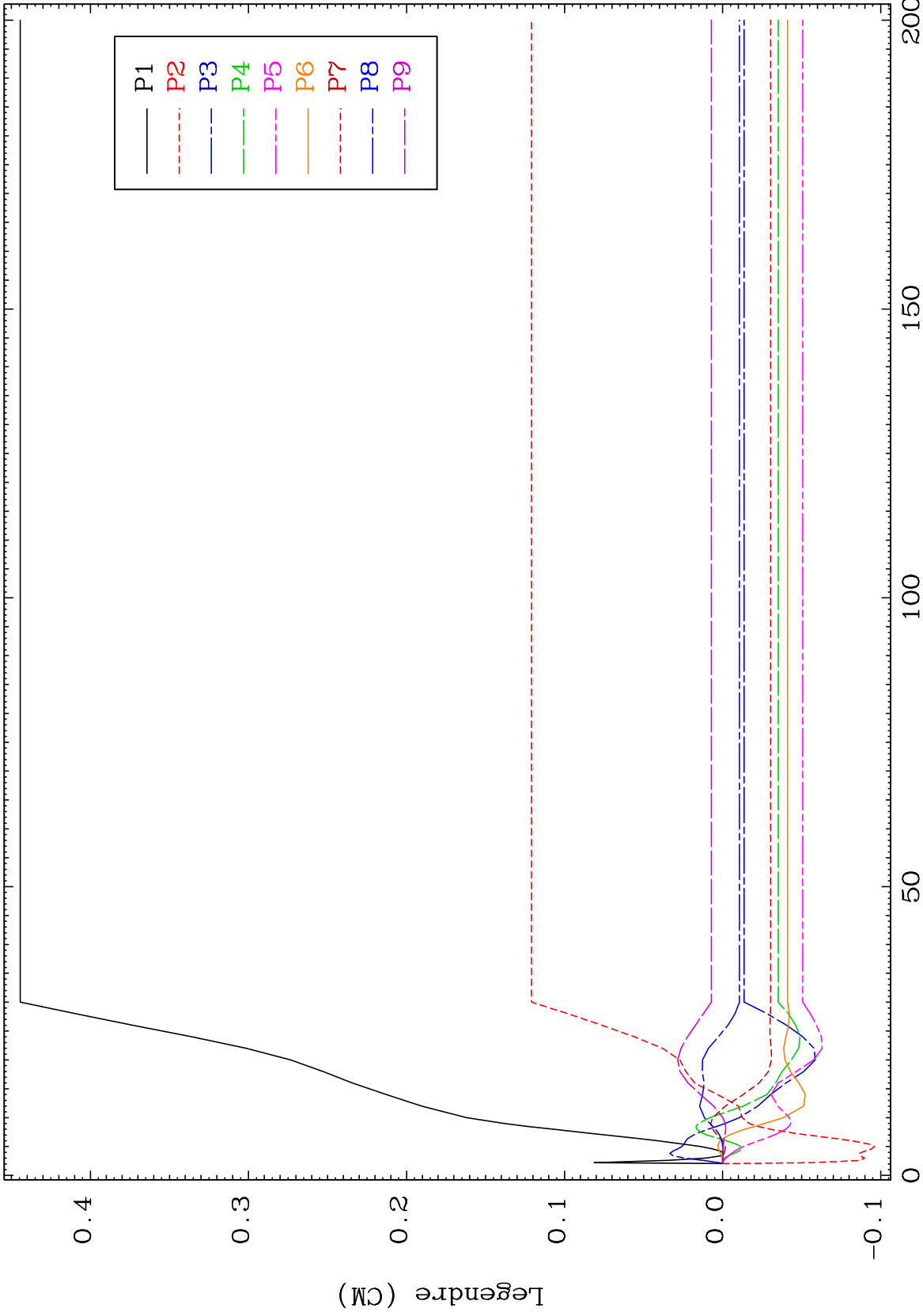
40-Zr-83



MAT 4004

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

40-Zr-83



40-Zr-83

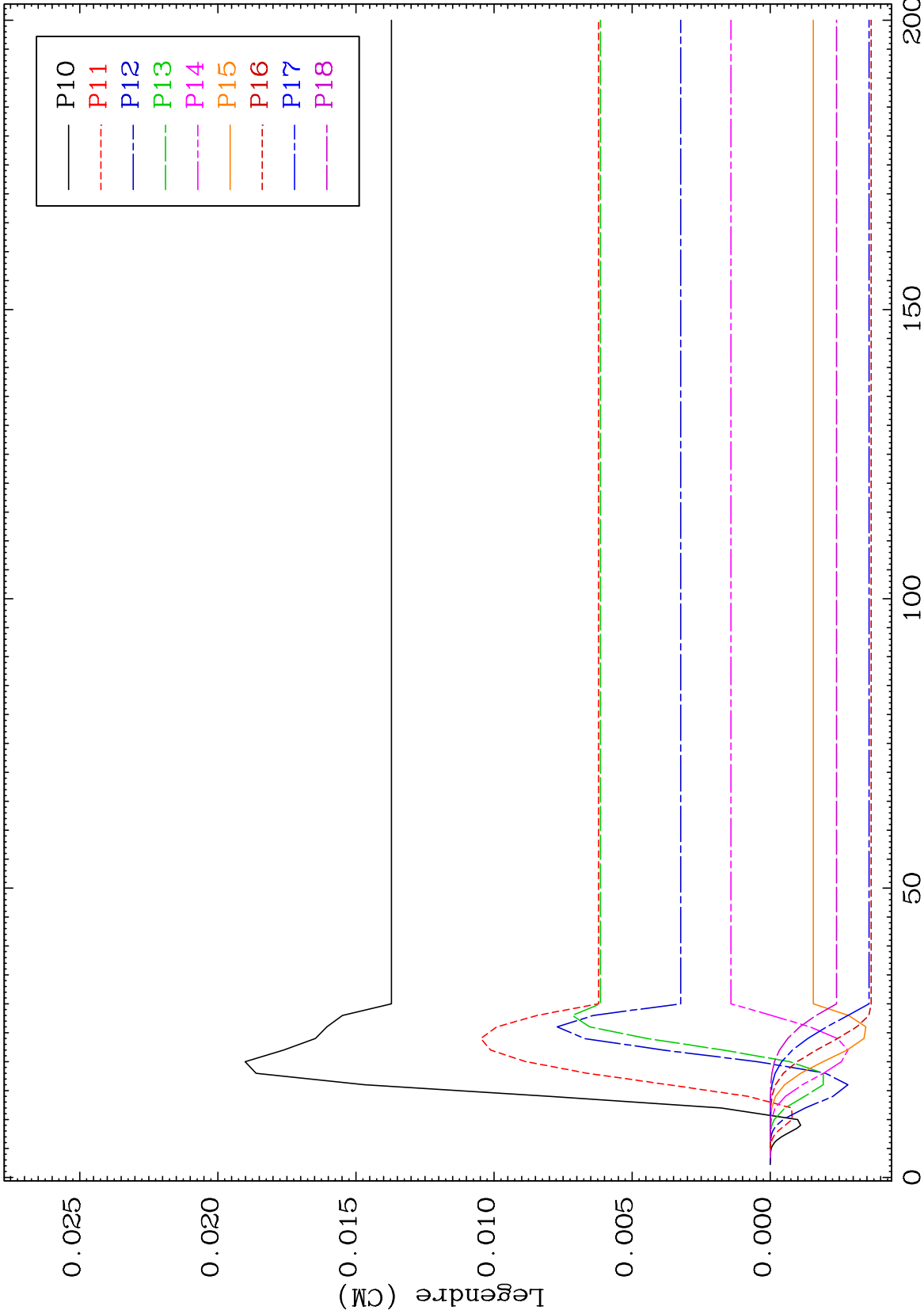
Incident Energy (MeV)

101

MAT 4004

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

40-Zr-83



102

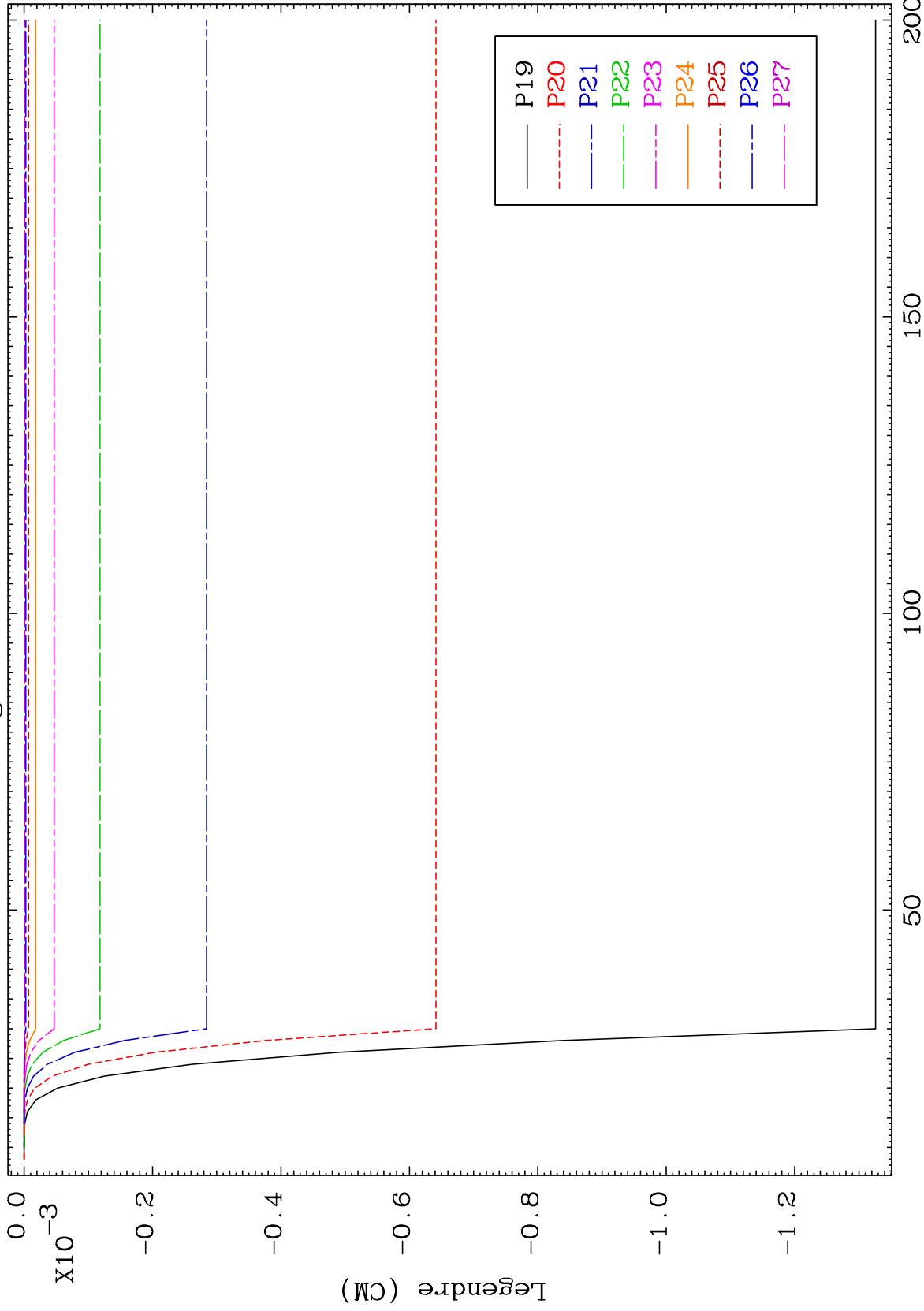
Incident Energy (MeV)

40-Zr-83

MAT 4004

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

40-Zr-83



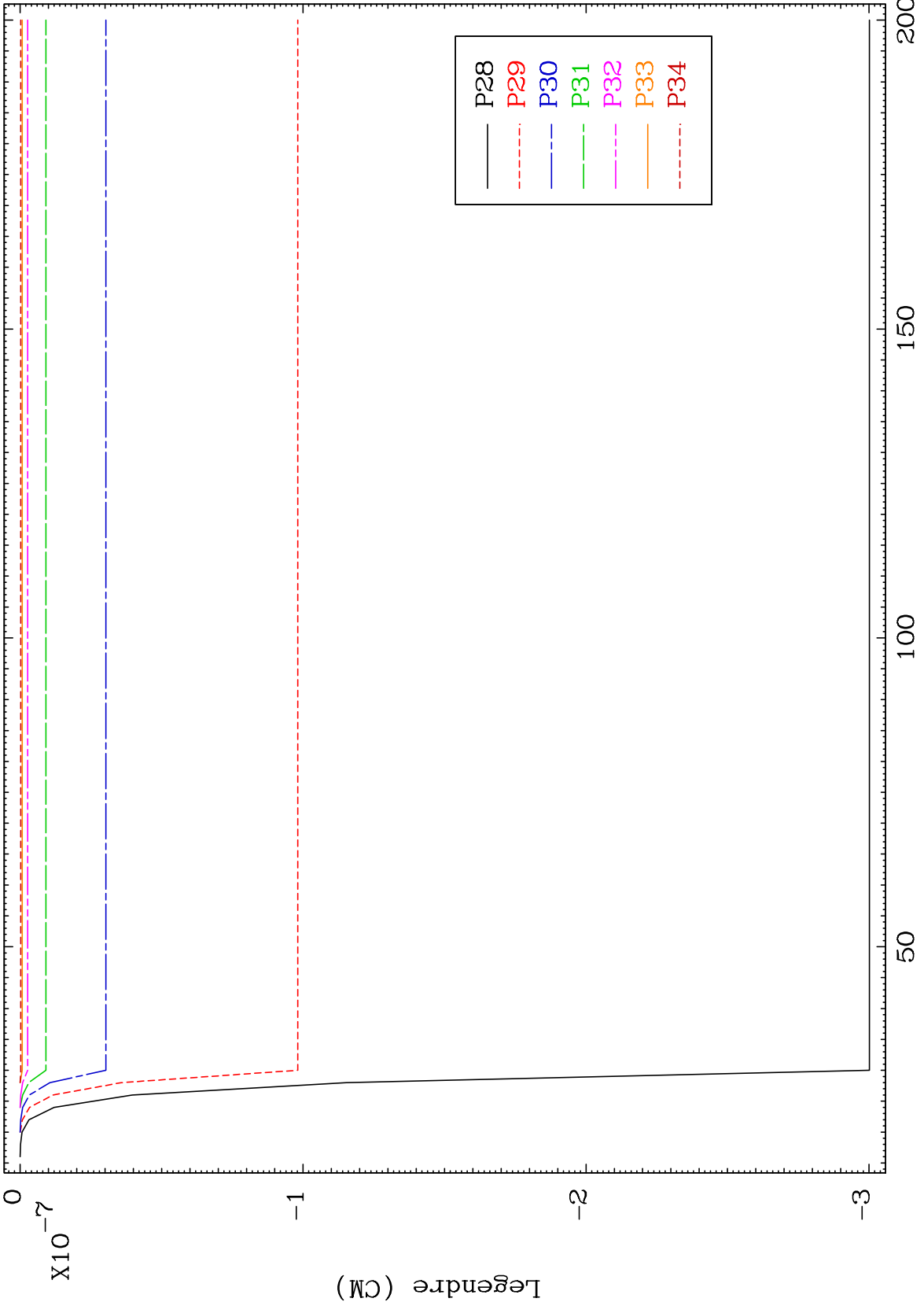
40-Zr-83

Incident Energy (MeV)

103



MAT 4004 MT= 76 (n,n') Level Legendre Coefficients 40-Zr-83

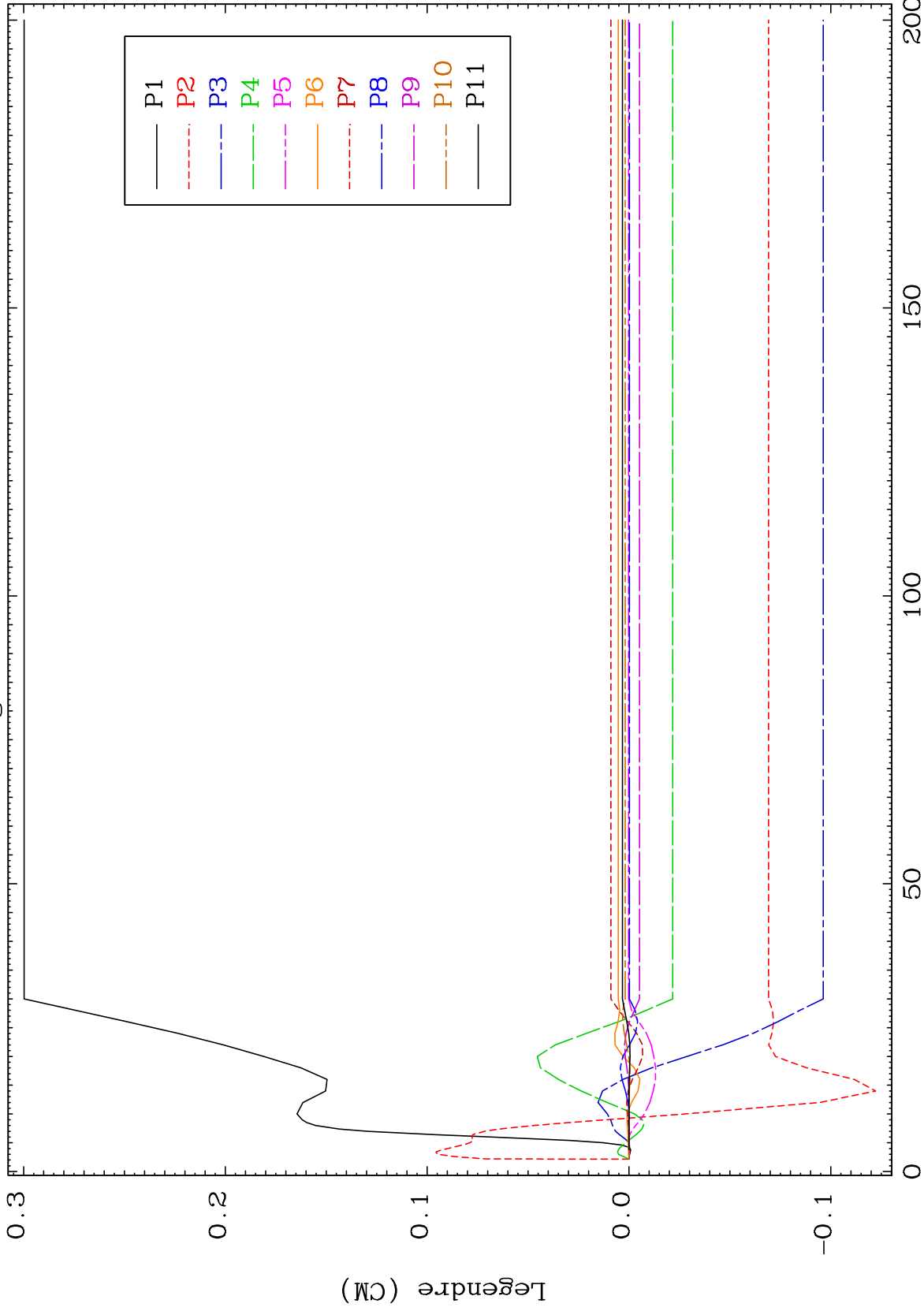


104 40-Zr-83

MAT 4004

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

40-Zr-83



105

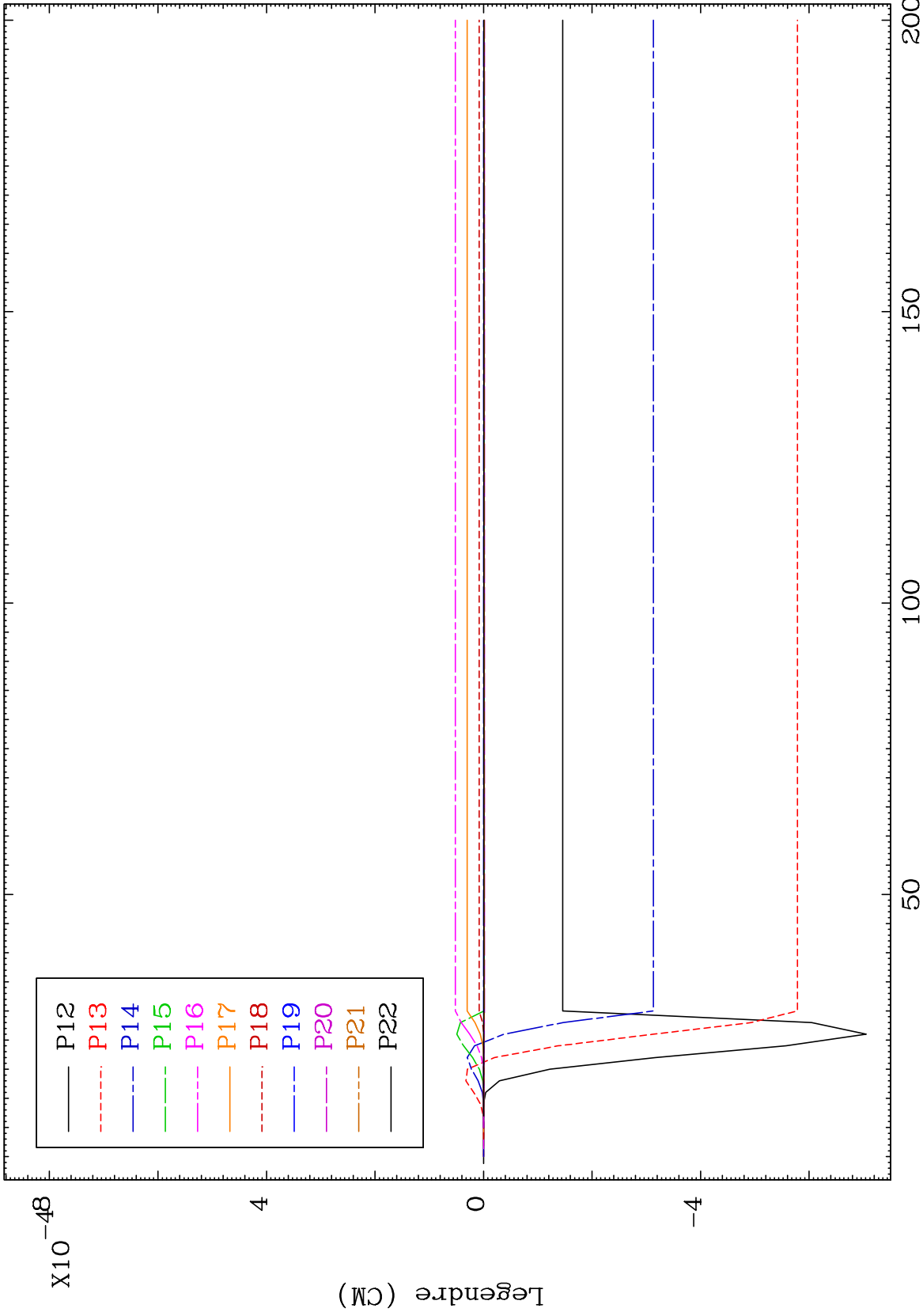
Incident Energy (MeV)

40-Zr-83

MAT 4004

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

40-Zr-83



106

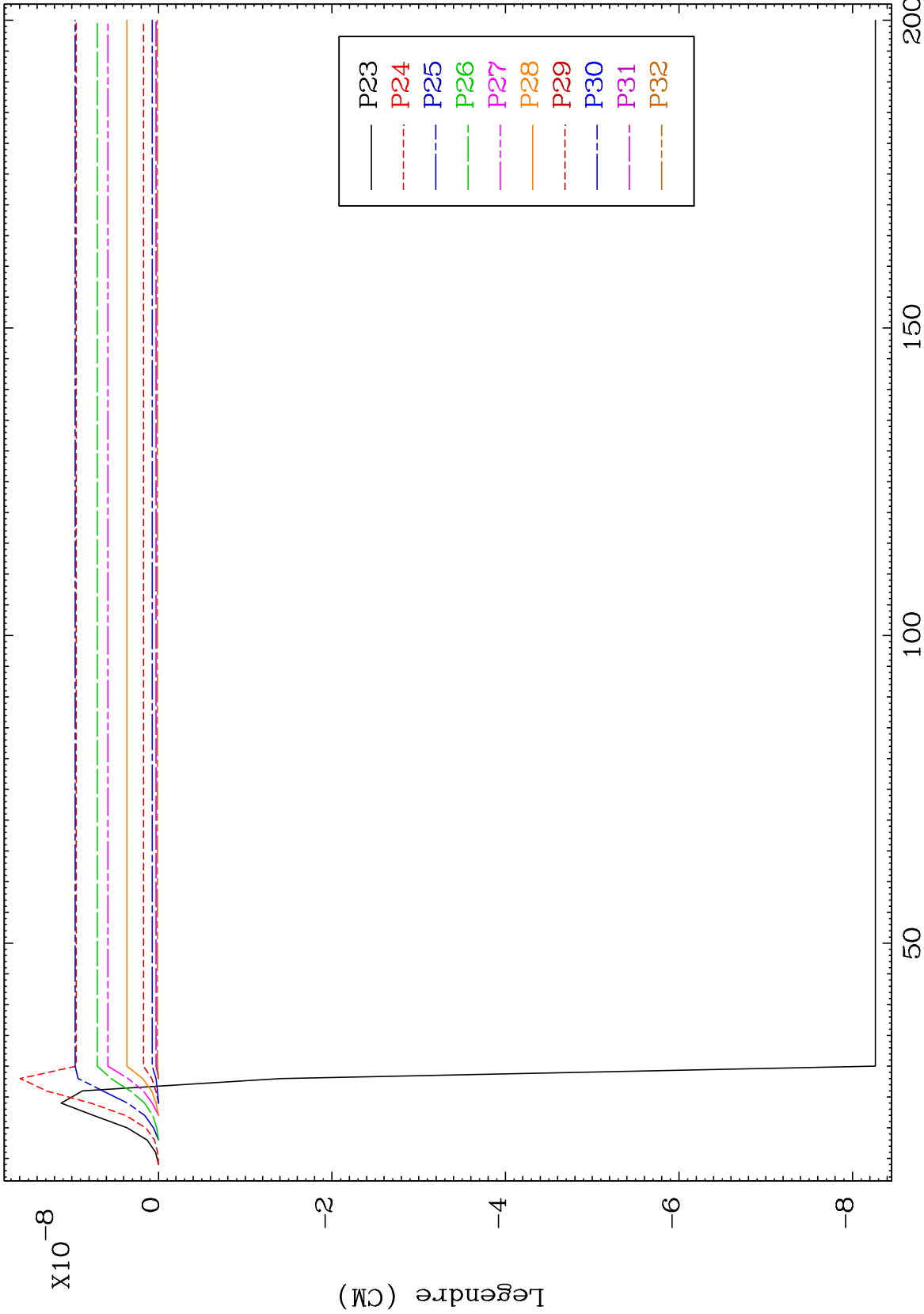
Incident Energy (MeV)

40-Zr-83

MAT 4004

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

40-Zr-83

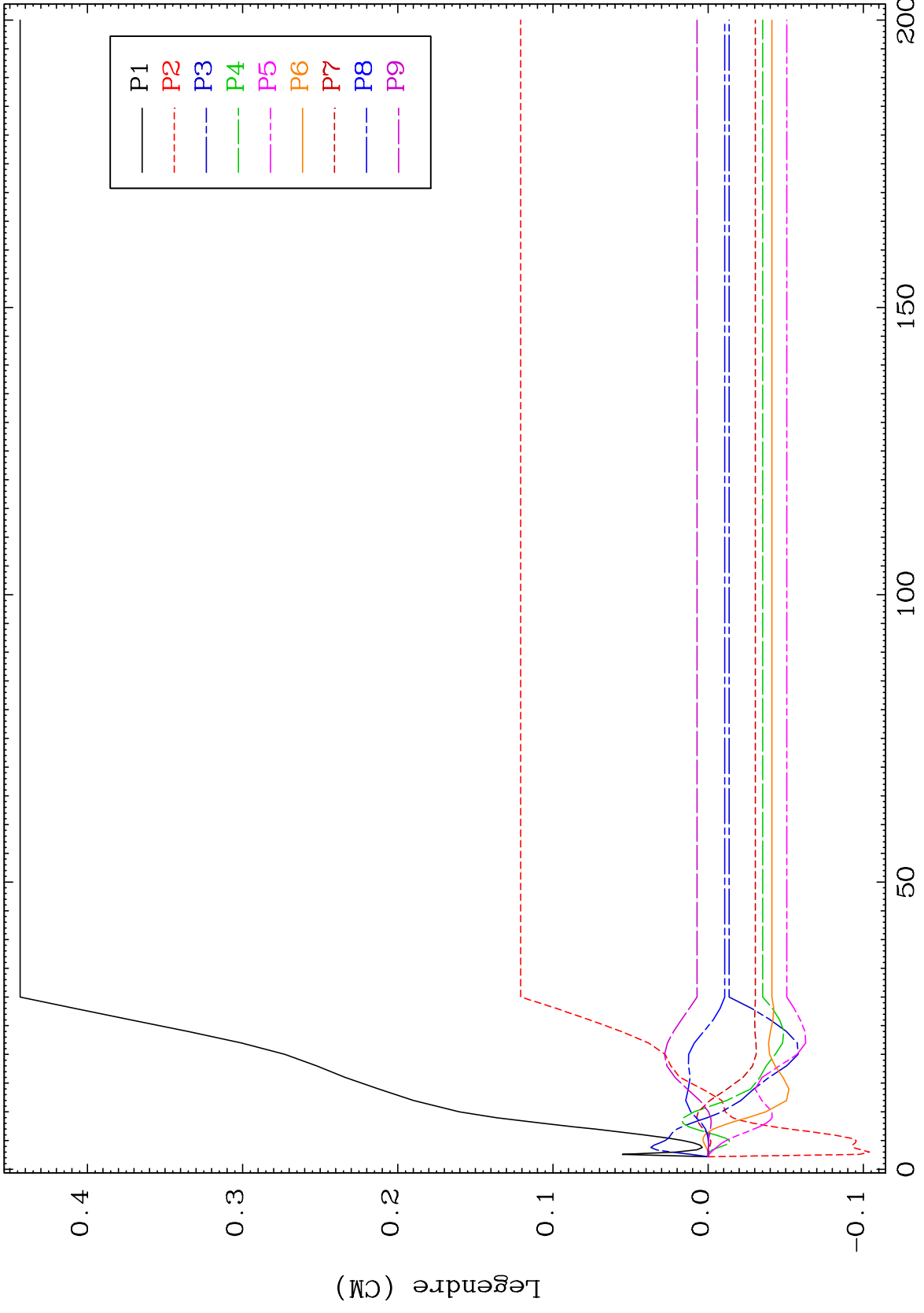


107

Incident Energy (MeV)

40-Zr-83

MAT 4004 MT= 78 (n,n') Level Legendre Coefficients 40-Zr-83

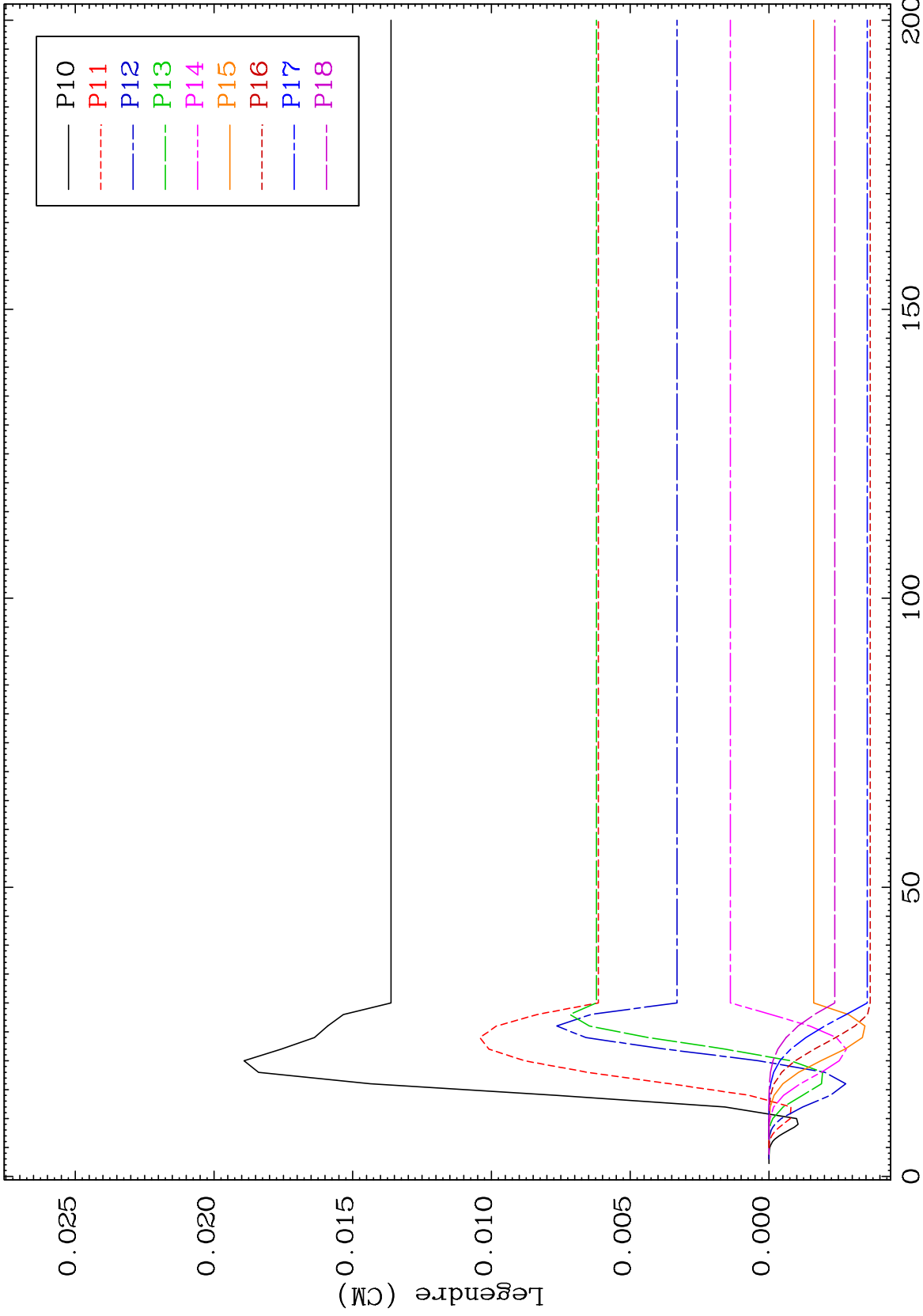


108 40-Zr-83

MAT 4004

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

40-Zr-83

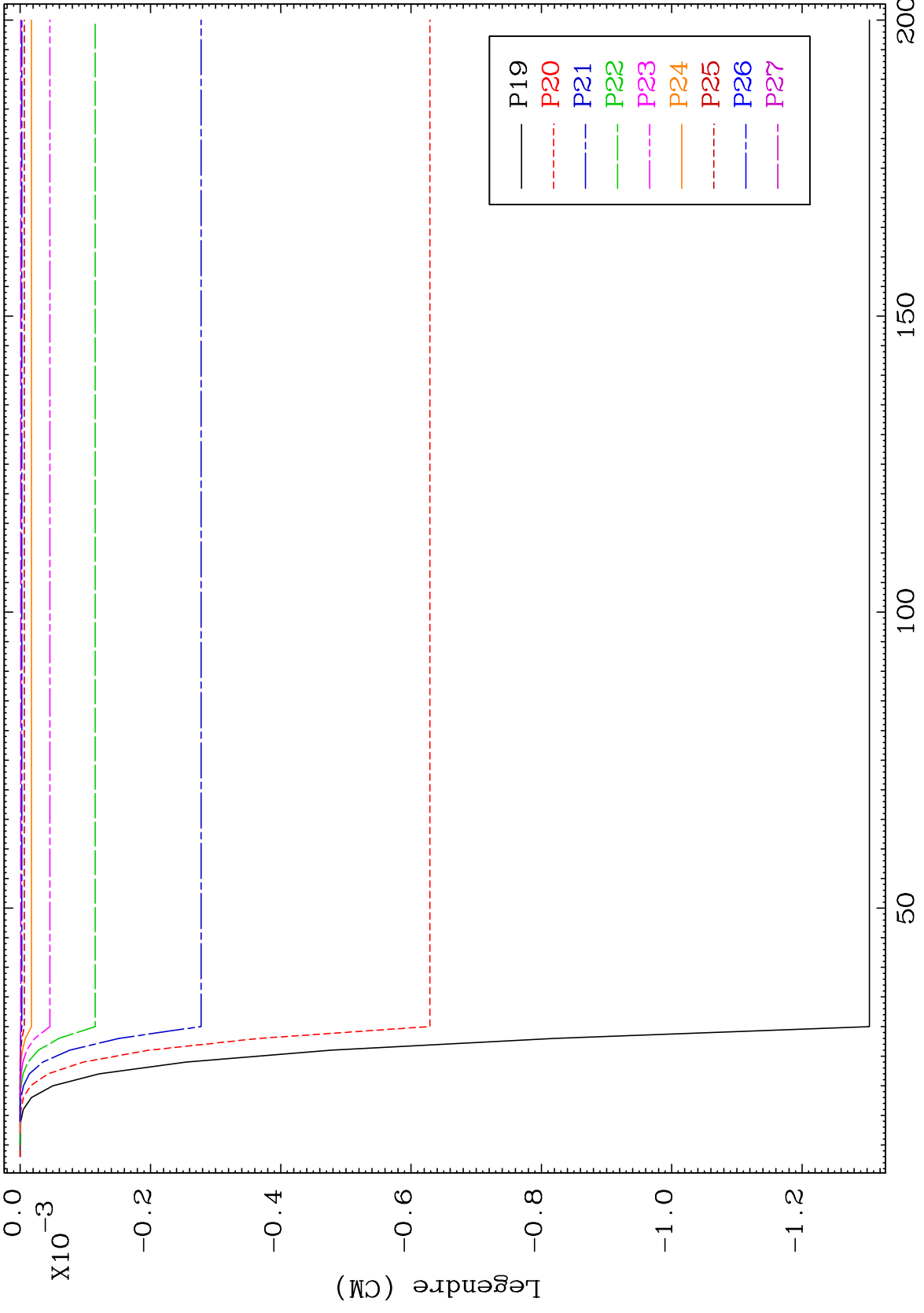


109

Incident Energy (MeV)

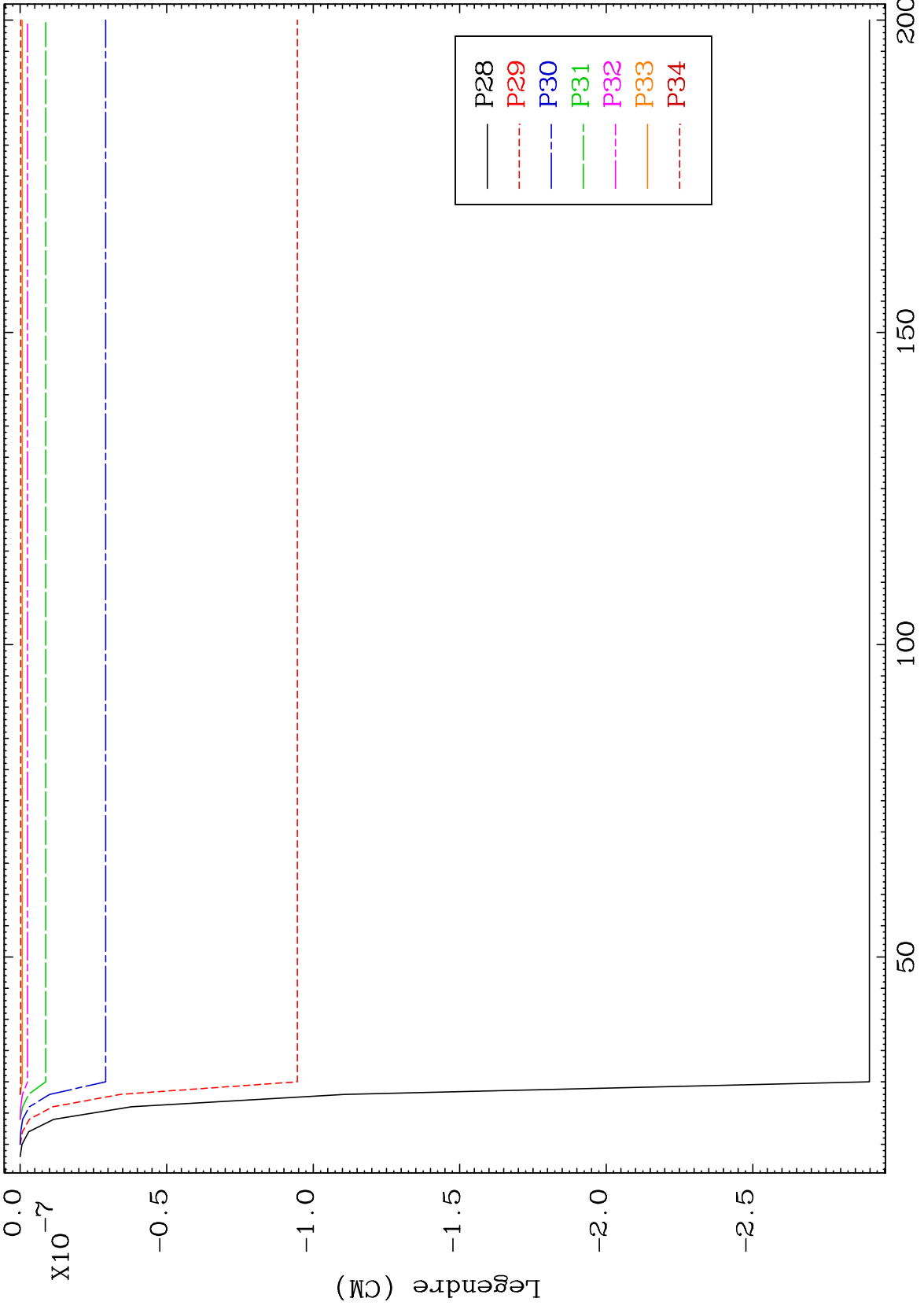
40-Zr-83

MAT 4004 MT= 78 (n,n') Level Legendre Coefficients 40-Zr-83



110 Incident Energy (MeV) 40-Zr-83

MAT 4004 MT= 78 (n,n') Level Legendre Coefficients 40-Zr-83



111 40-Zr-83

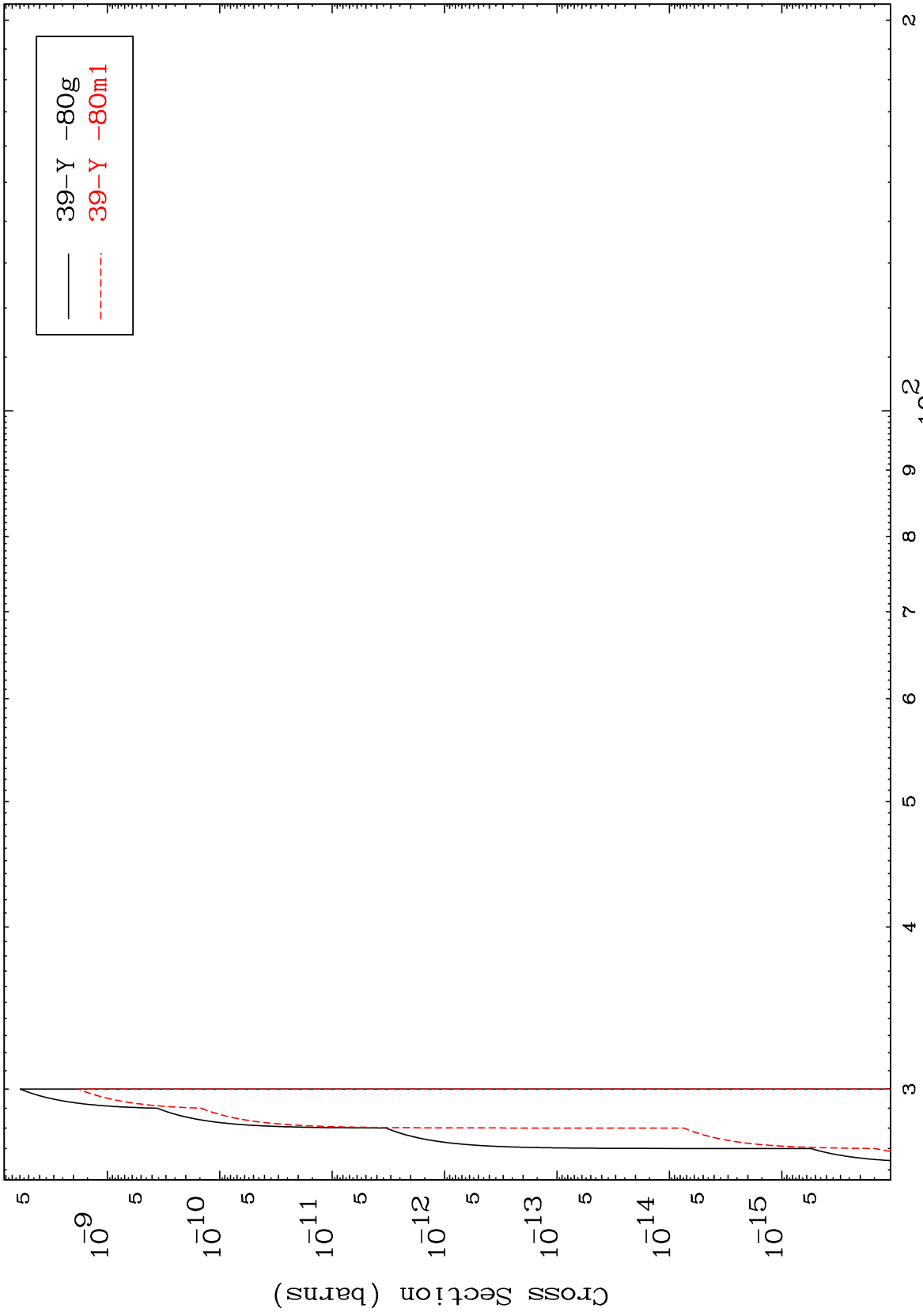


MAT 4004

(n,2n) d

40-Zr-83

Radionuclide Production Cross Section



112

Incident Energy (MeV)

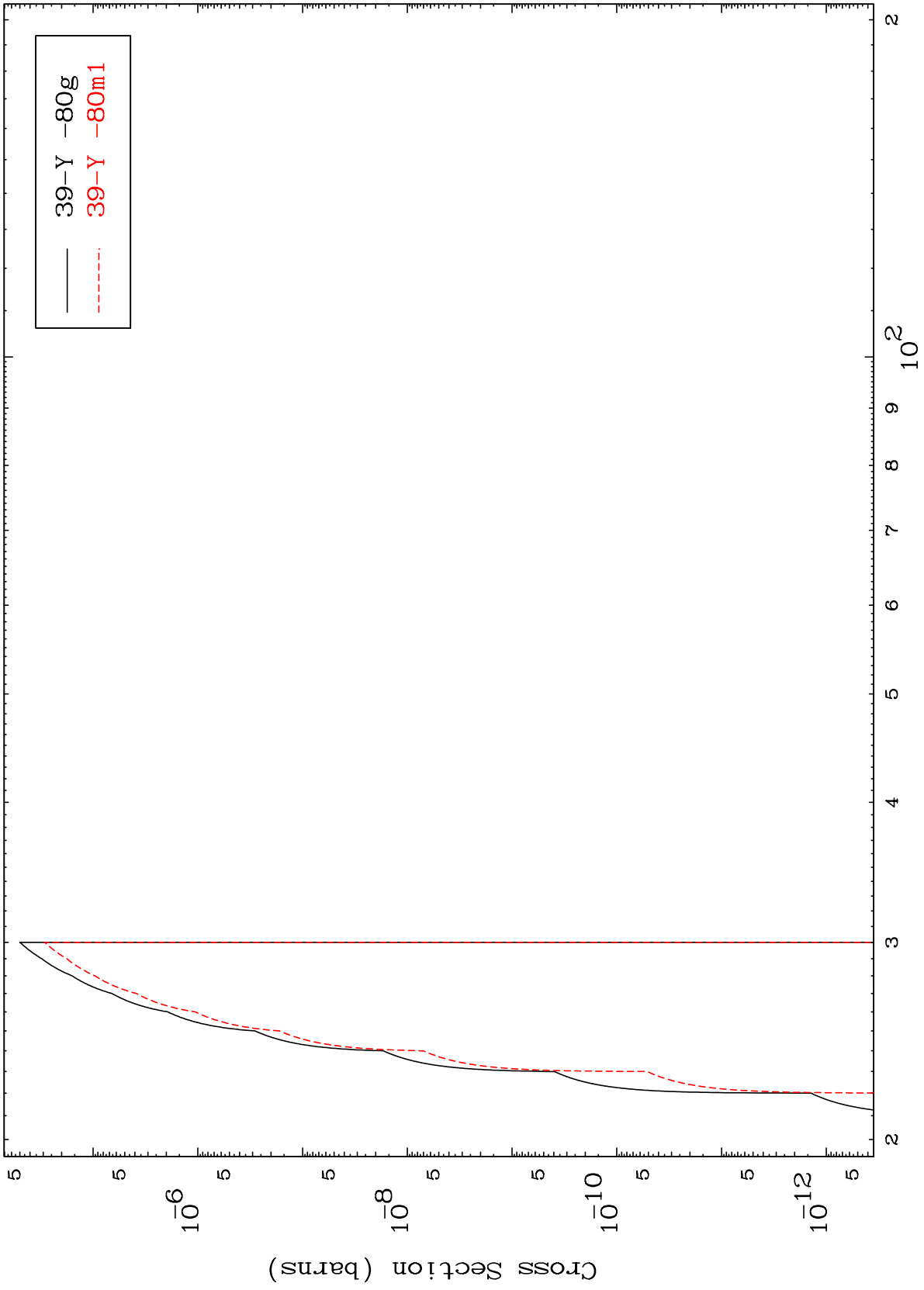
40-Zr-83

MAT 4004

(n,n') t

40-Zr-83

Radionuclide Production Cross Section



113

Incident Energy (MeV)

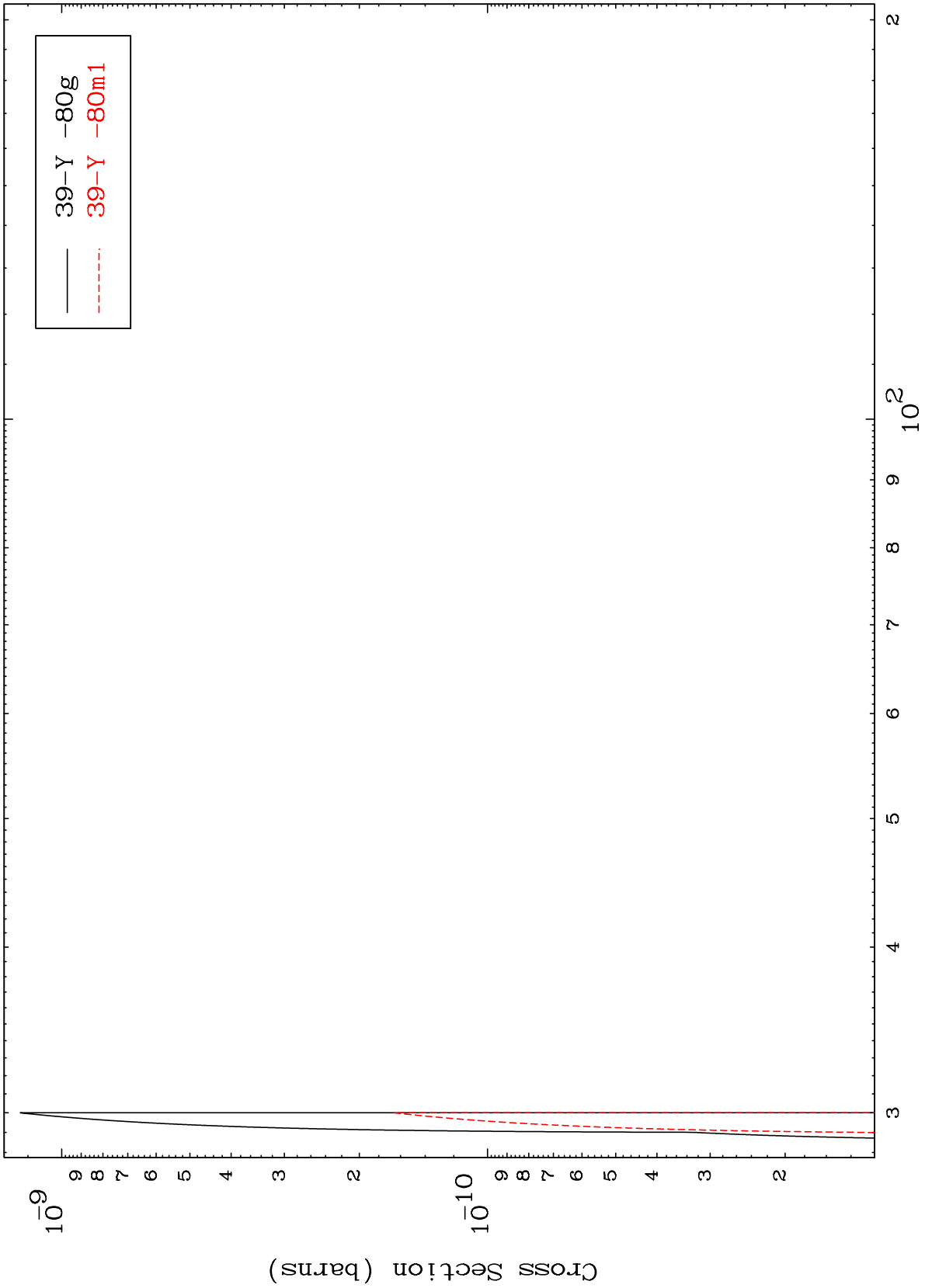
40-Zr-83

MAT 4004

(n,3n) p

40-Zr-83

Radionuclide Production Cross Section



114

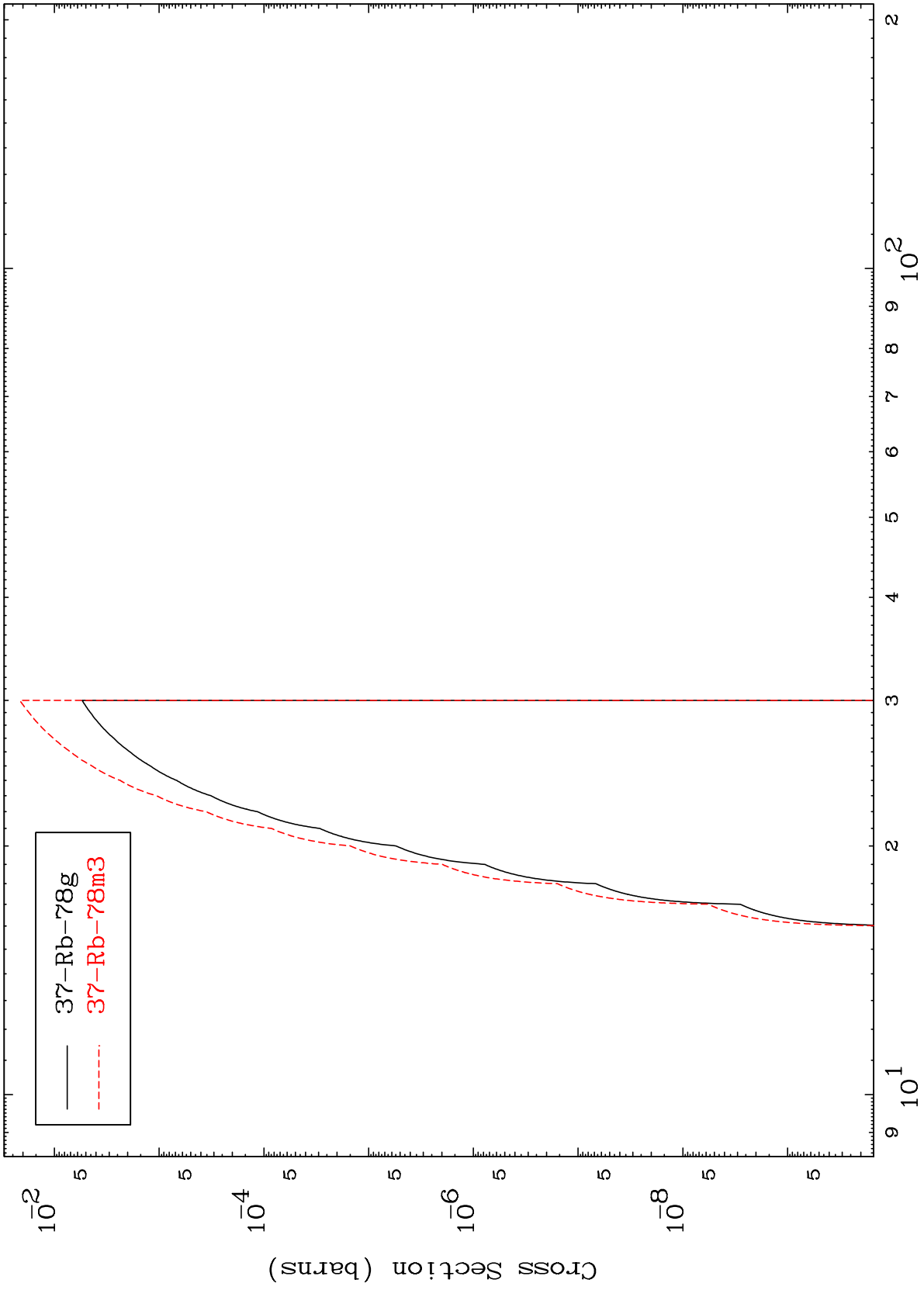
Incident Energy (MeV)

40-Zr-83

MAT 4004

40-Zr-83

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



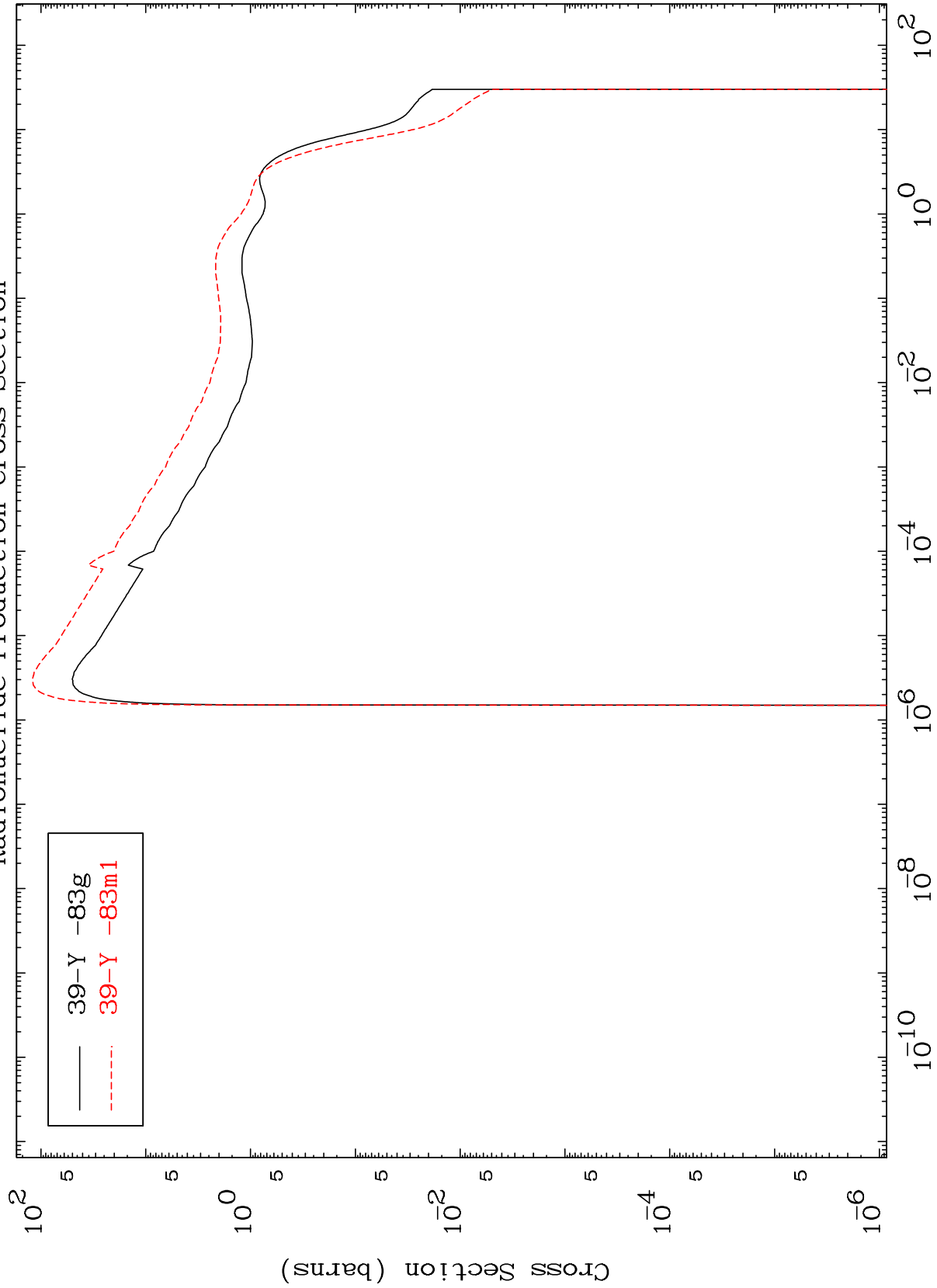
115

40-Zr-83

MAT 4004

40-Zr-83

Radionuclide Production Cross Section (n,p)



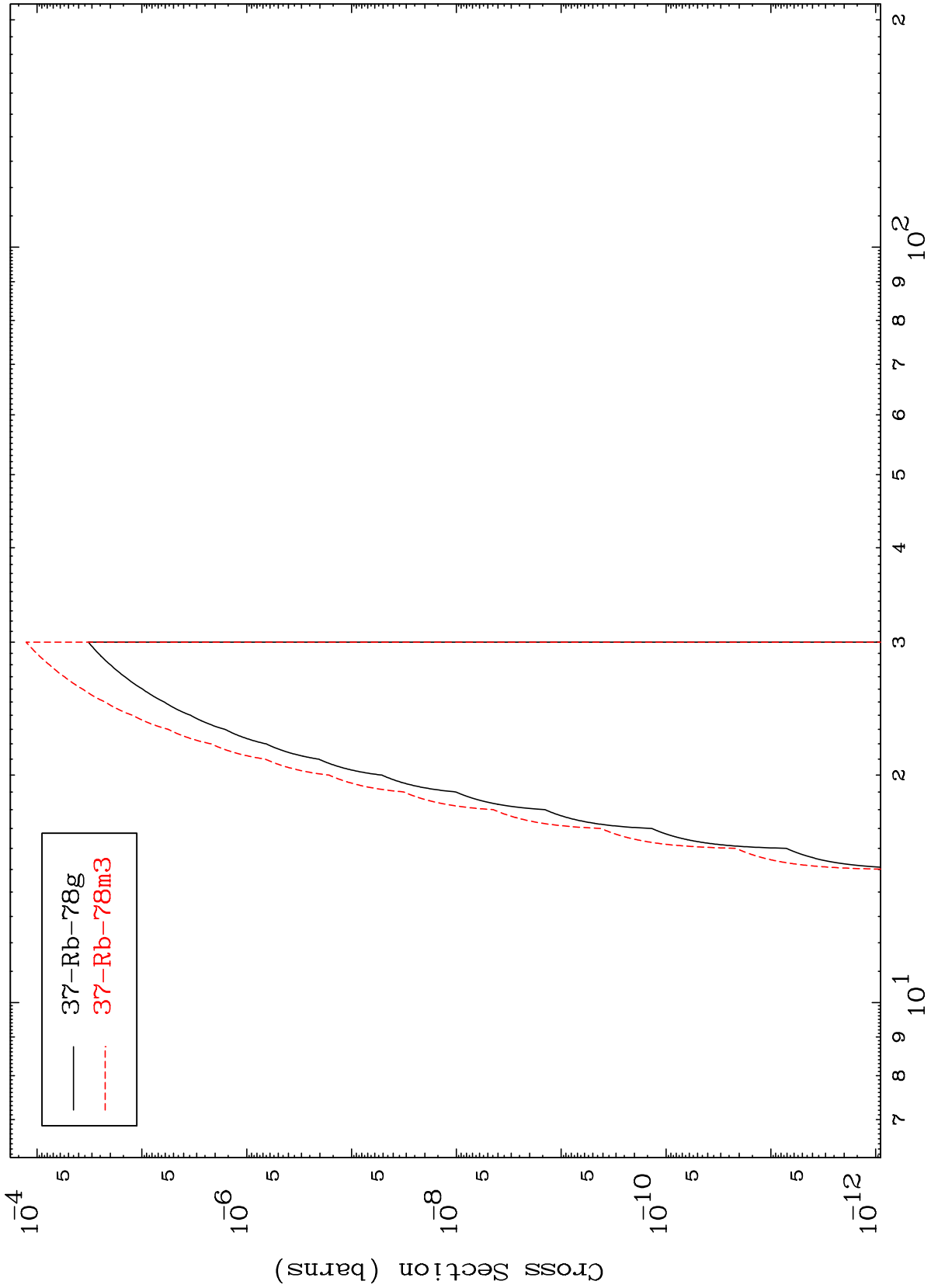
39-Y -83g  
39-Y -83m1

MAT 4004

(n,d)  $\alpha$

40-Zr-83

Radionuclide Production Cross Section



37-Rb-78g  
37-Rb-78m3

117

Incident Energy (MeV)

40-Zr-83