

Program EVALPLOT  
(Version 2018-1)

by

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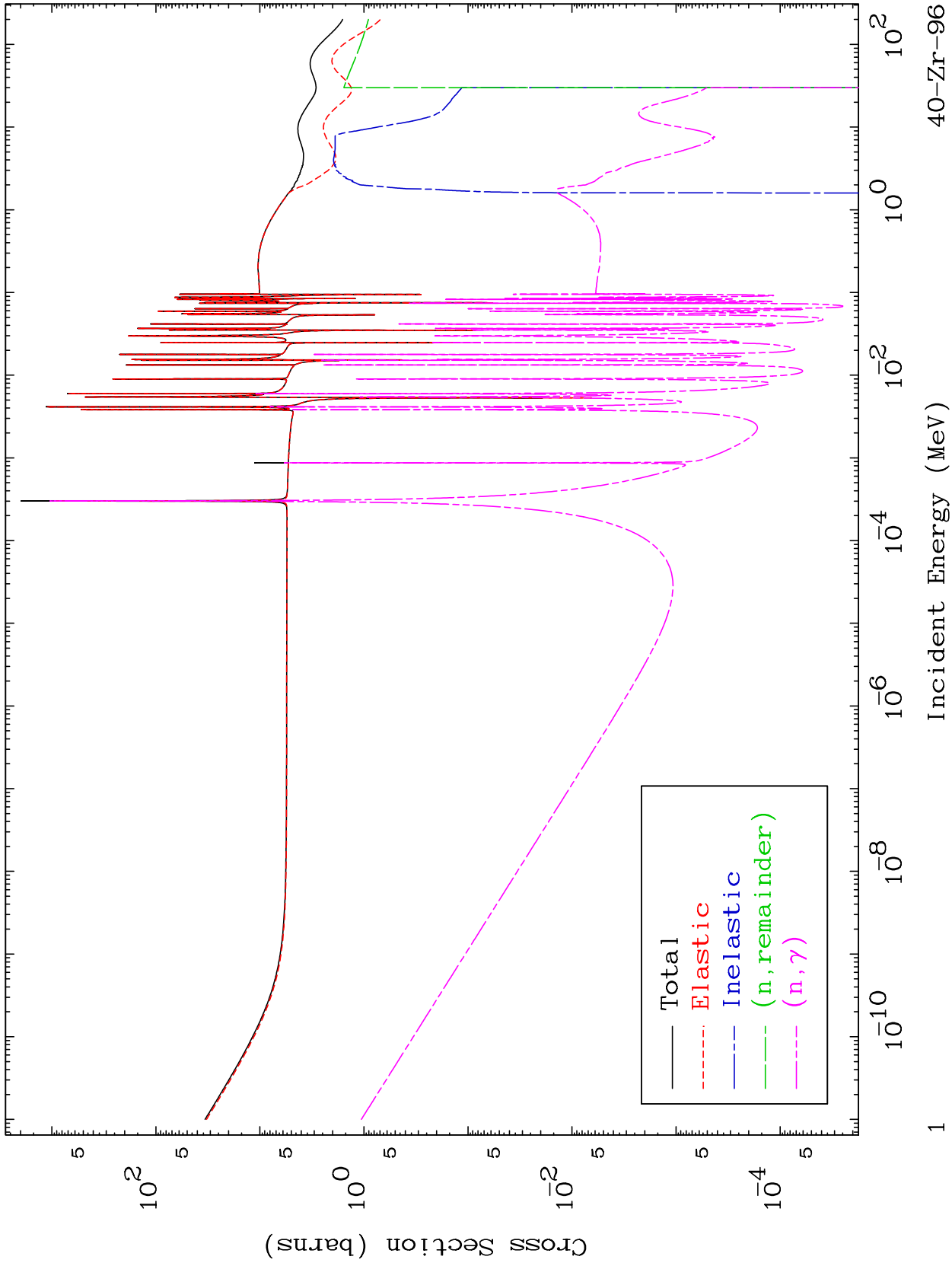
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4043

Major  
293 Kelvin Cross Sections

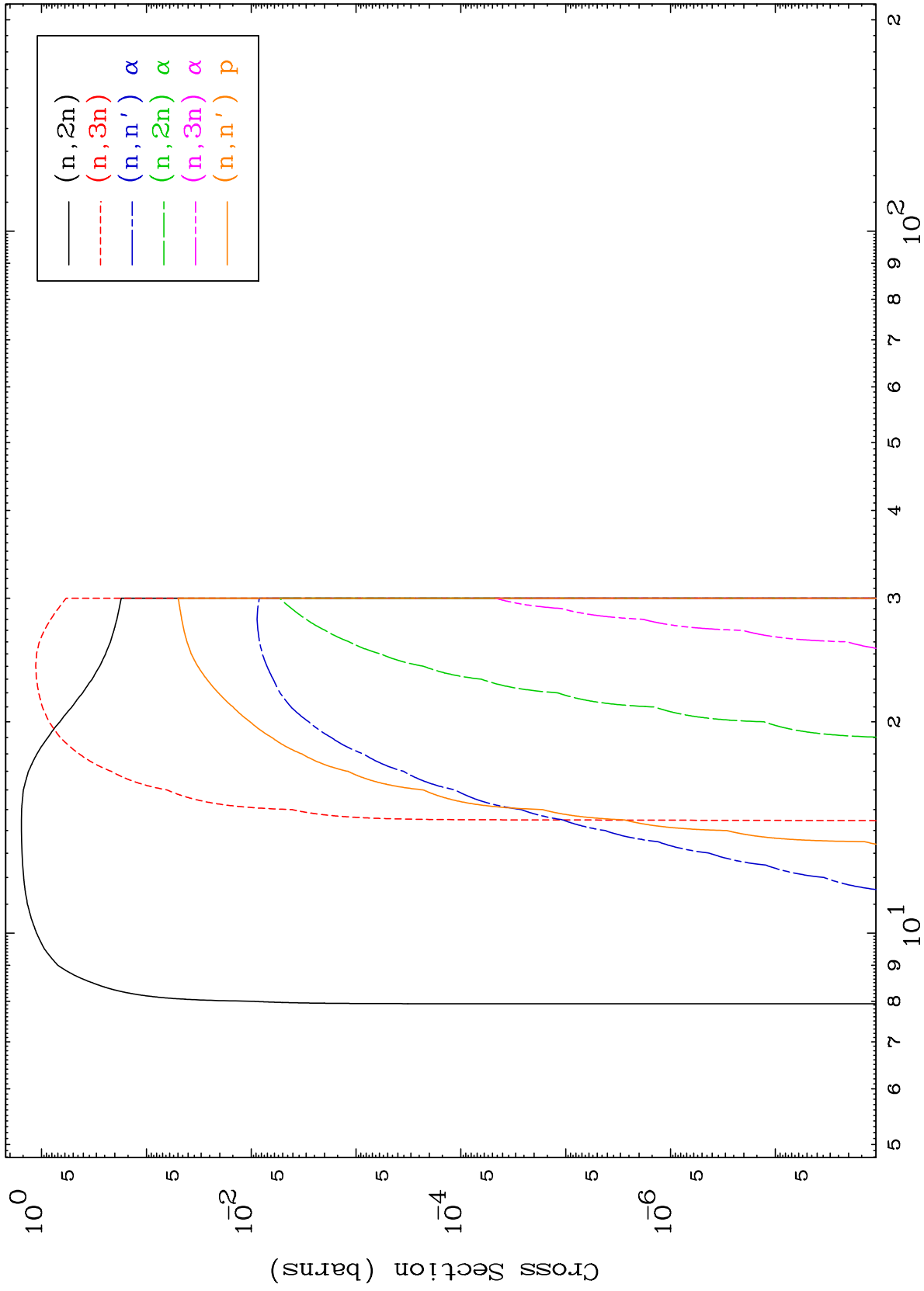
40-Zr-96



MAT 4043

### Neutron Production 293 Kelvin Cross Sections

40-Zr-96



2

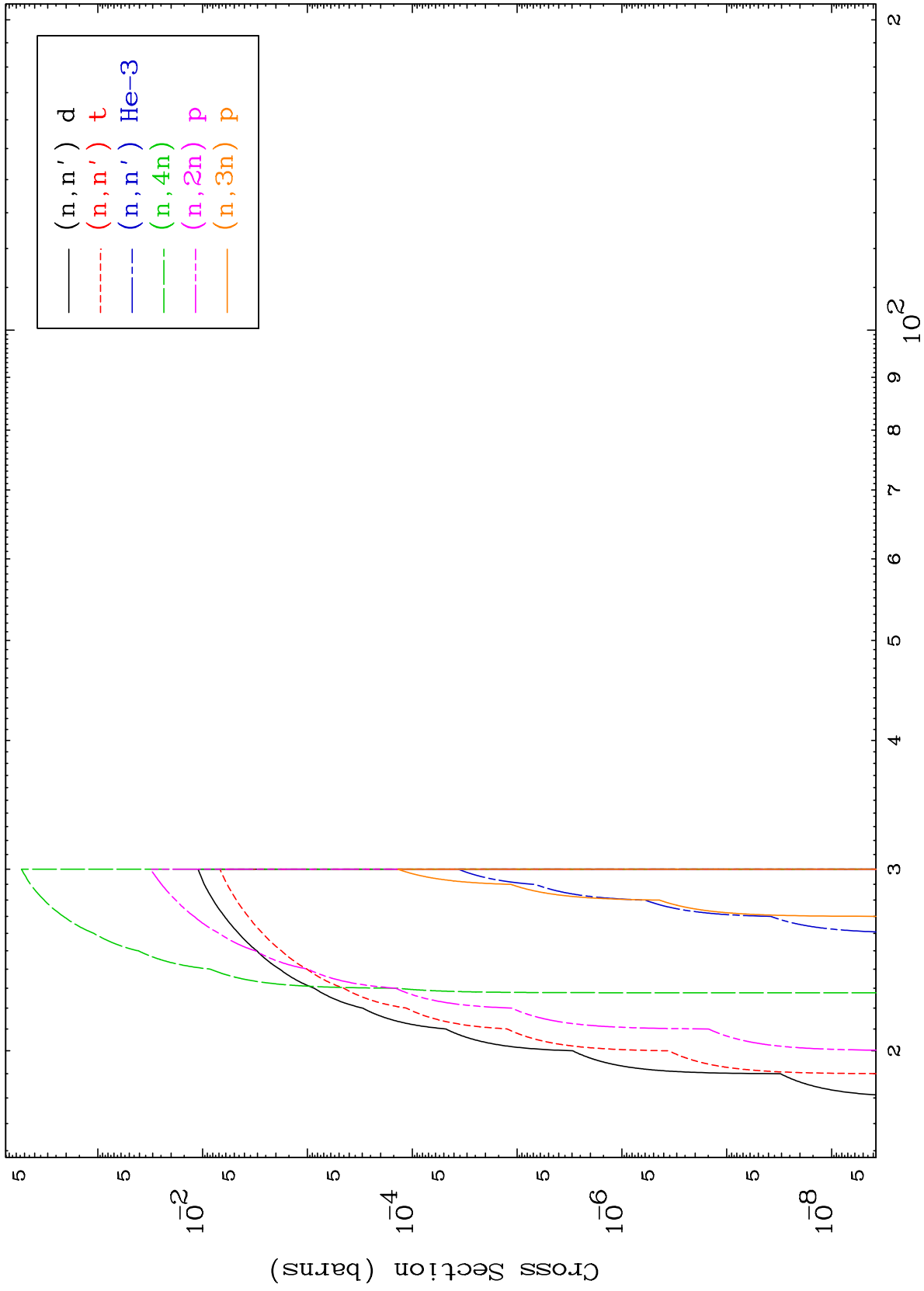
Incident Energy (MeV)

40-Zr-96

MAT 4043

Neutron Production  
293 Kelvin Cross Sections

40-Zr-96



3

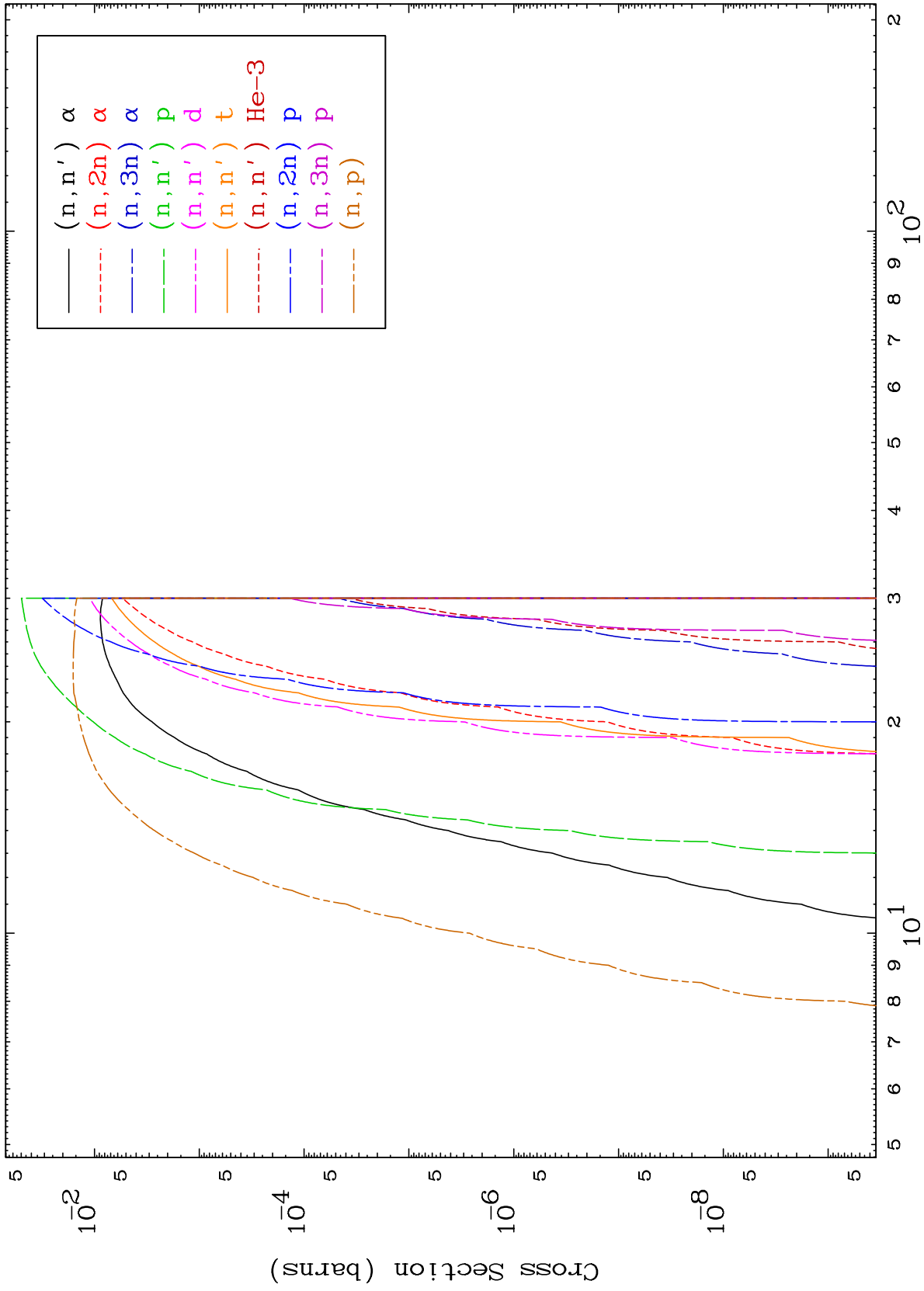
Incident Energy (MeV)

40-Zr-96

MAT 4043

Charged Particle  
293 Kelvin Cross Sections

40-Zr-96



4

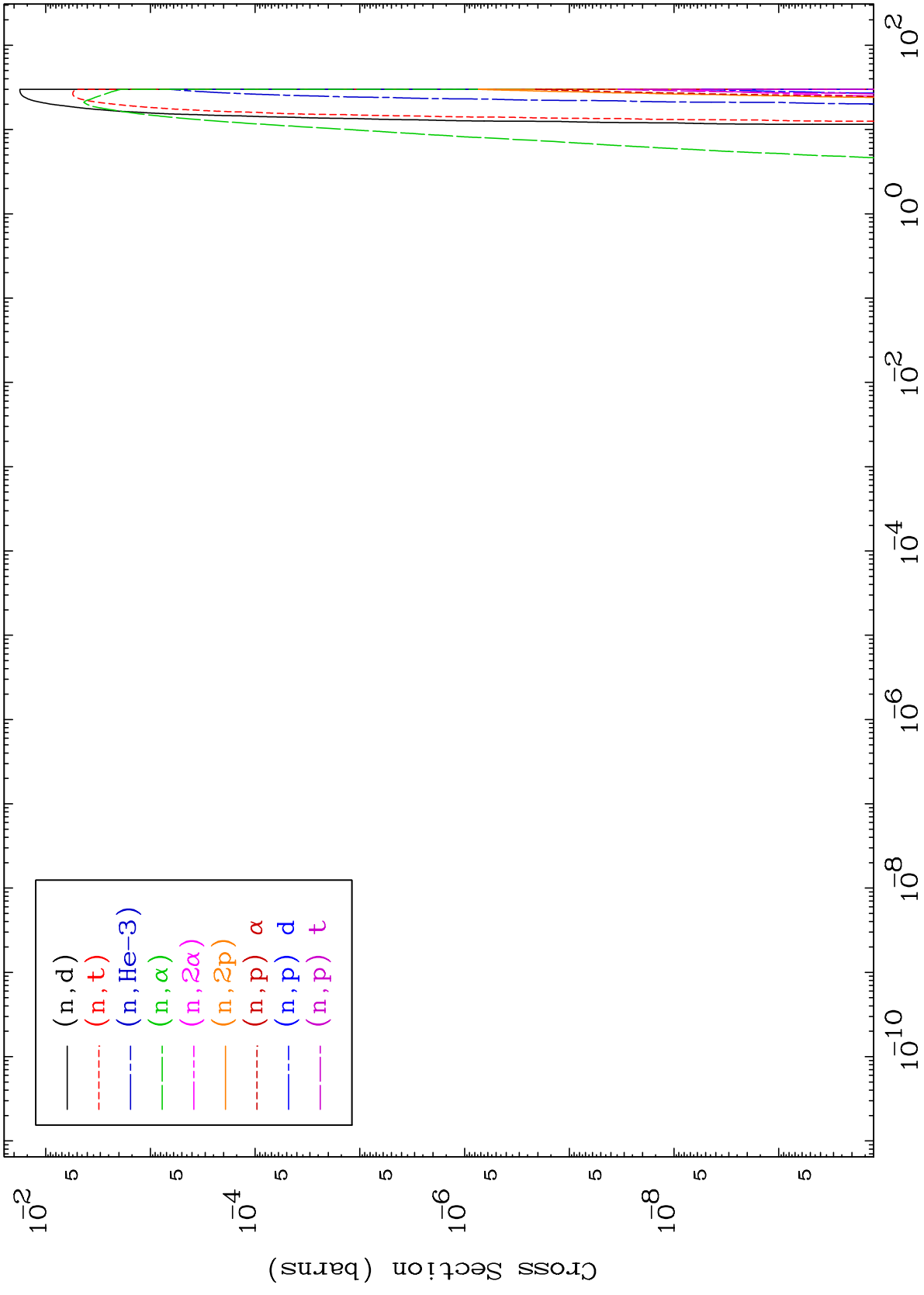
Incident Energy (MeV)

40-Zr-96

MAT 4043

293 Kelvin Cross Sections

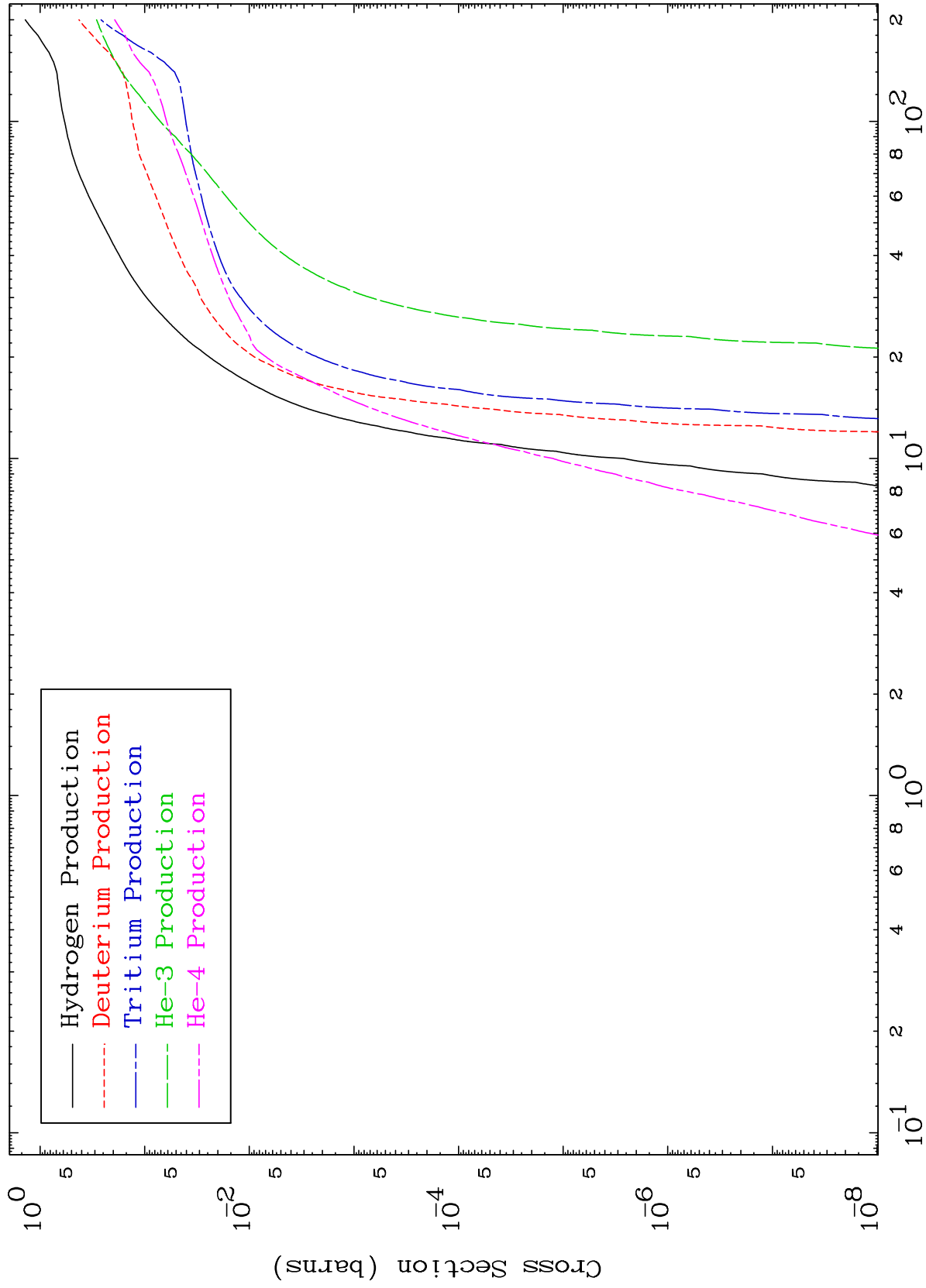
40-Zr-96



MAT 4043

Particle Production  
293 Kelvin Cross Sections

40-Zr-96



Incident Energy (MeV)

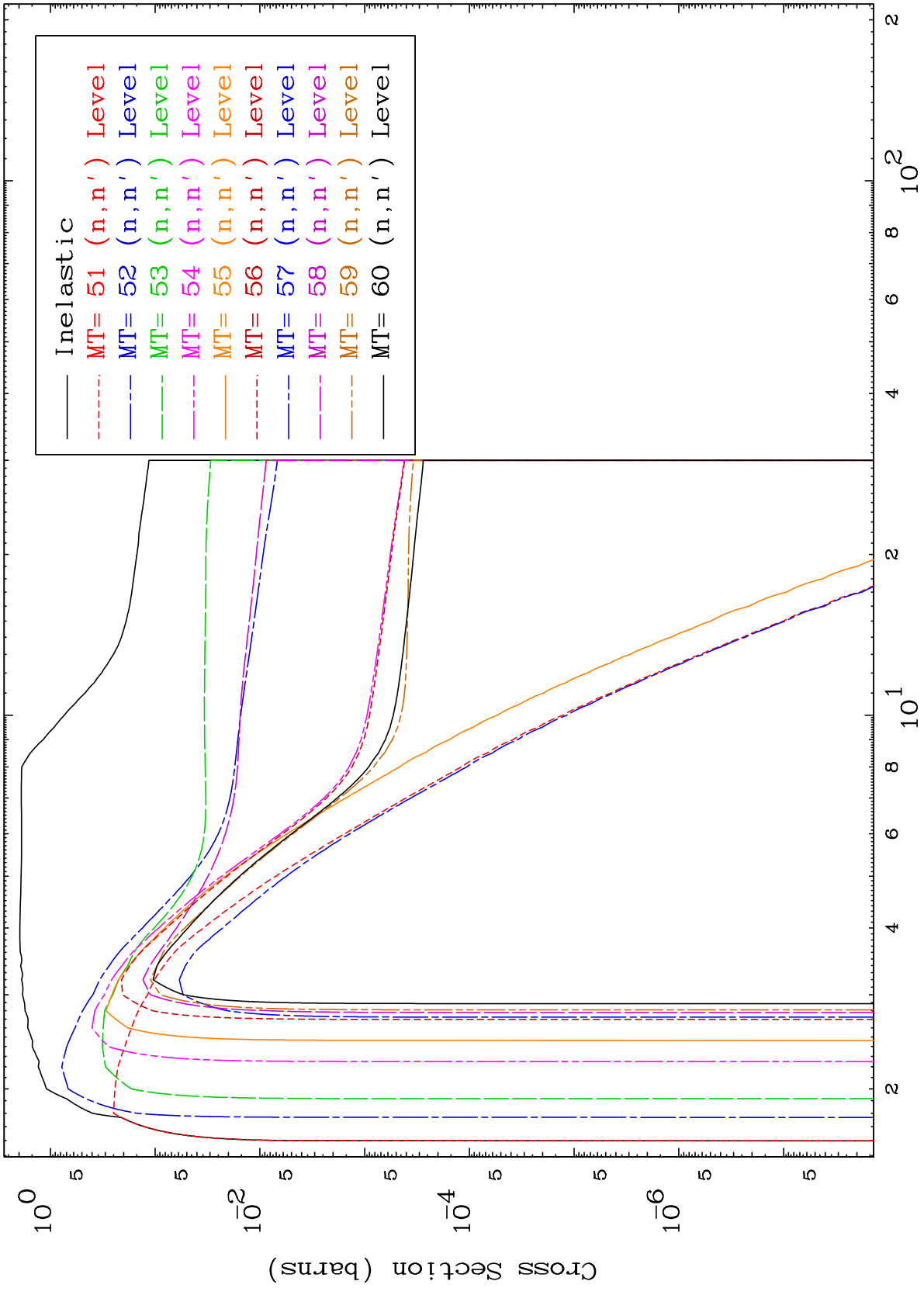
40-Zr-96

MAT 4043

(n,n') Level

40-Zr-96

293 Kelvin Cross Sections



7

Incident Energy (MeV)

40-Zr-96

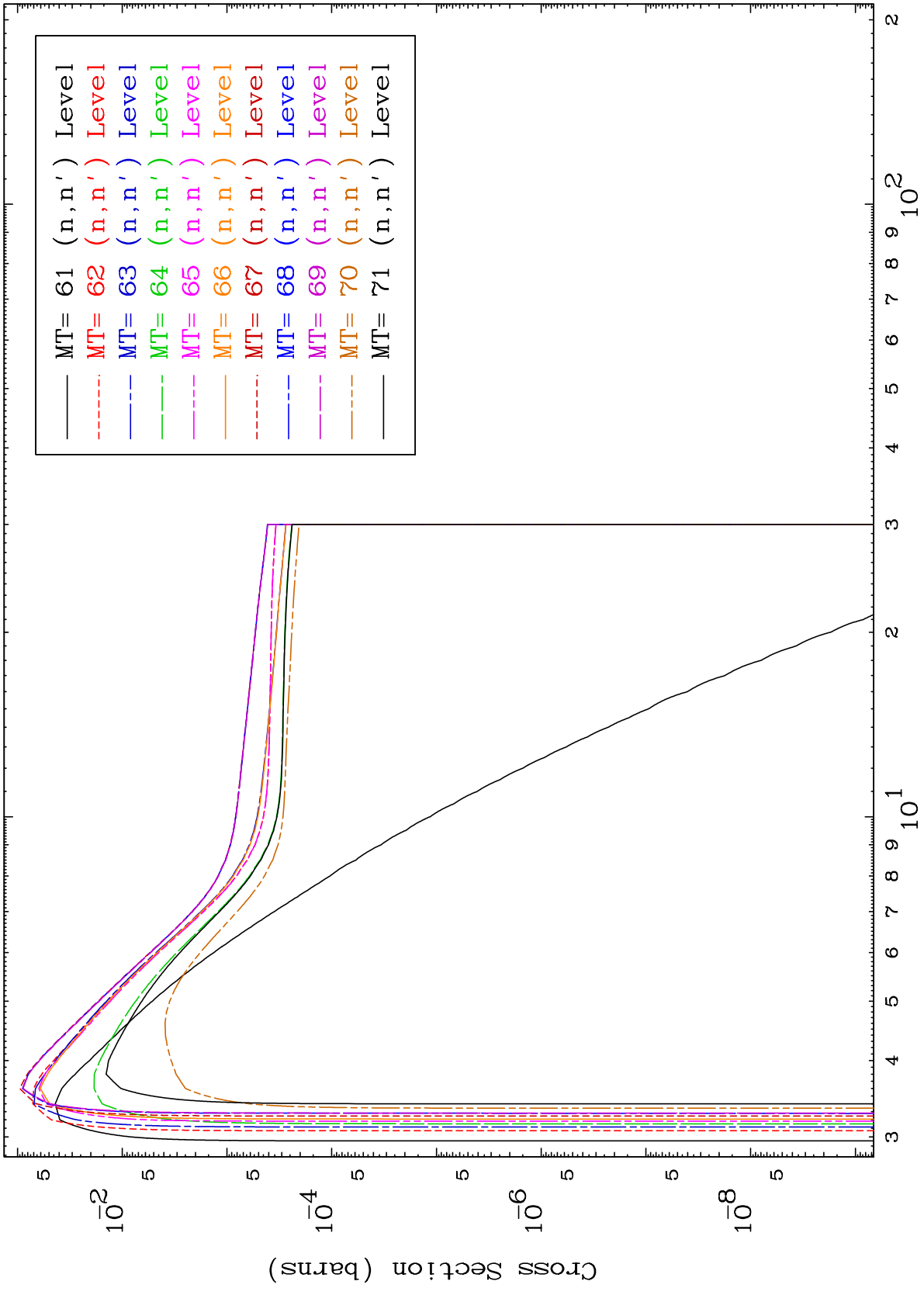


MAT 4043

(n,n') Level

40-Zr-96

293 Kelvin Cross Sections



8

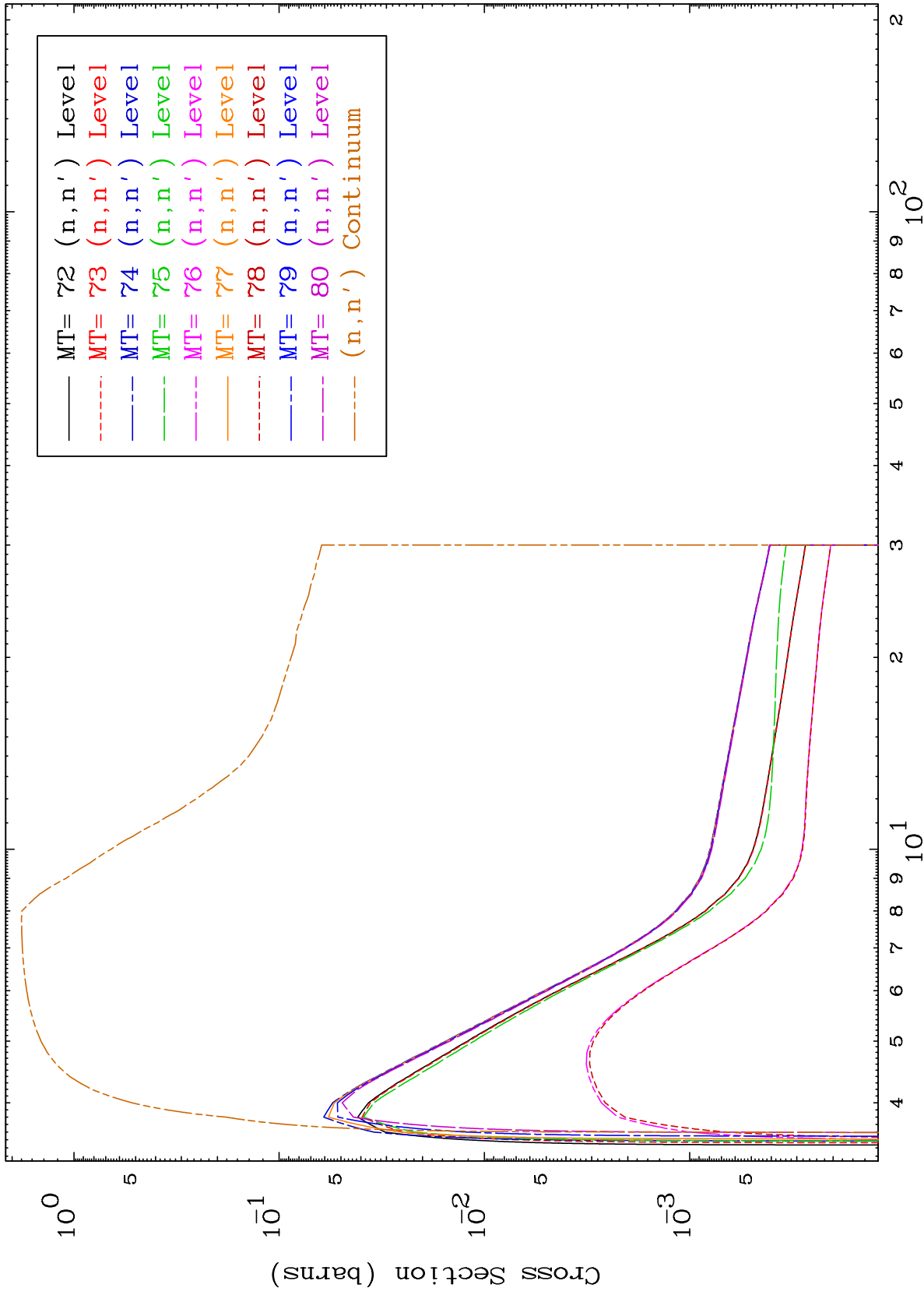
Incident Energy (MeV)

40-Zr-96

MAT 4043

(n,n') Level  
293 Kelvin Cross Sections

40-Zr-96



9

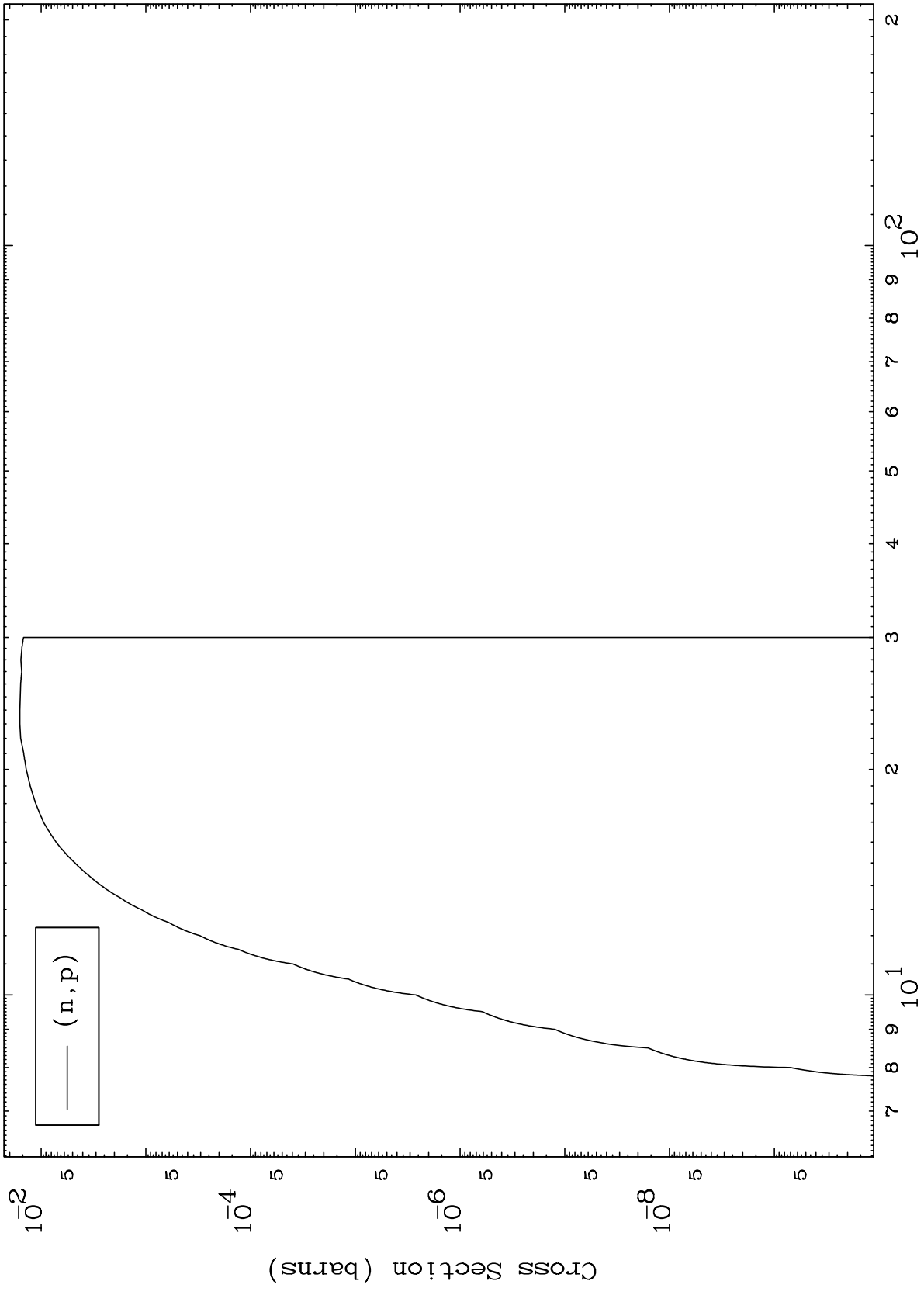
Incident Energy (MeV)

40-Zr-96

MAT 4043

(n,p) Levels  
293 Kelvin Cross Sections

40-Zr-96



10

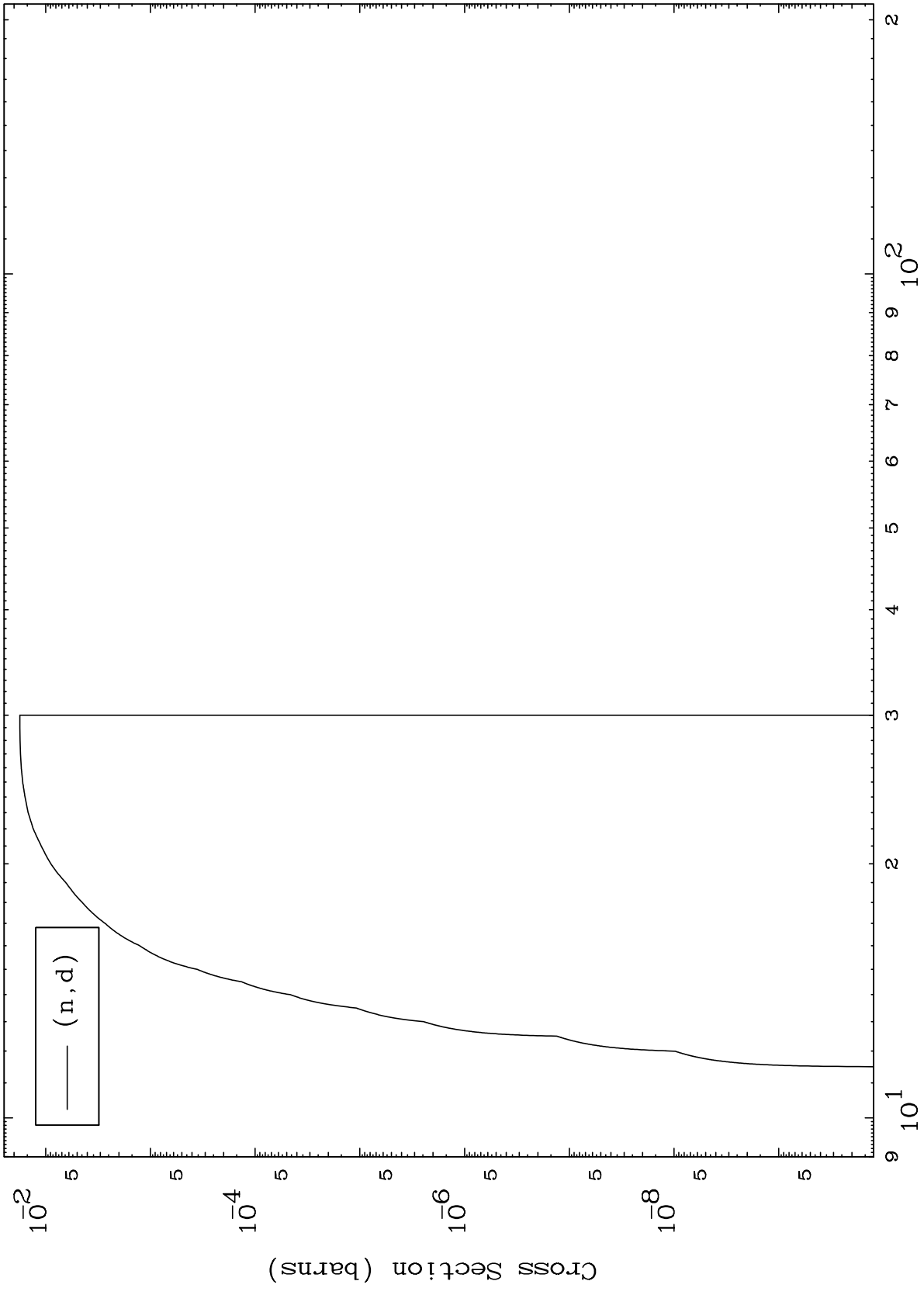
Incident Energy (MeV)

40-Zr-96

MAT 4043

(n,d) Levels  
293 Kelvin Cross Sections

40-Zr-96



11

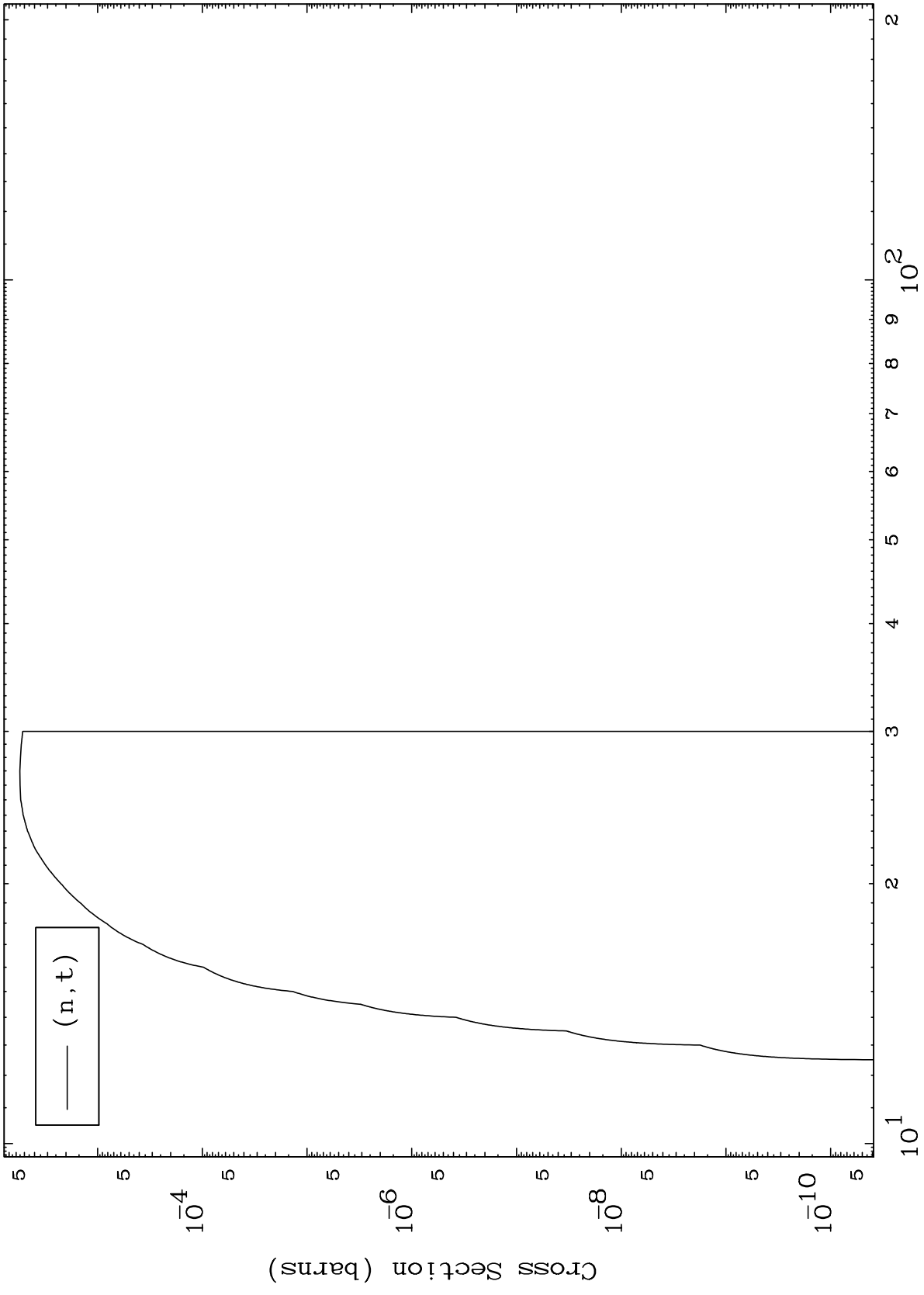
Incident Energy (MeV)

40-Zr-96

MAT 4043

(n,t) Levels  
293 Kelvin Cross Sections

40-Zr-96



12

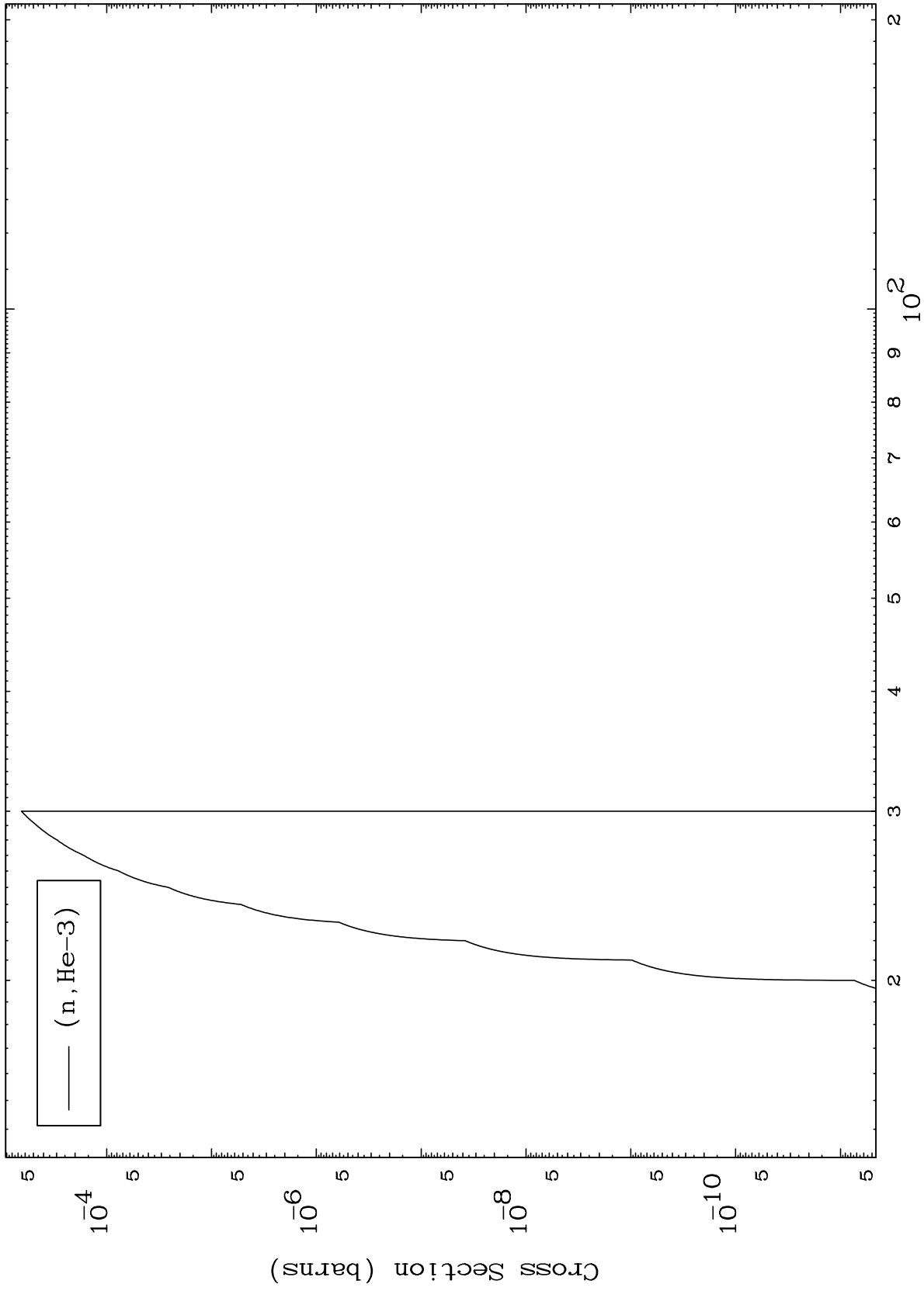
Incident Energy (MeV)

40-Zr-96

MAT 4043

(n,He3) Levels  
293 Kelvin Cross Sections

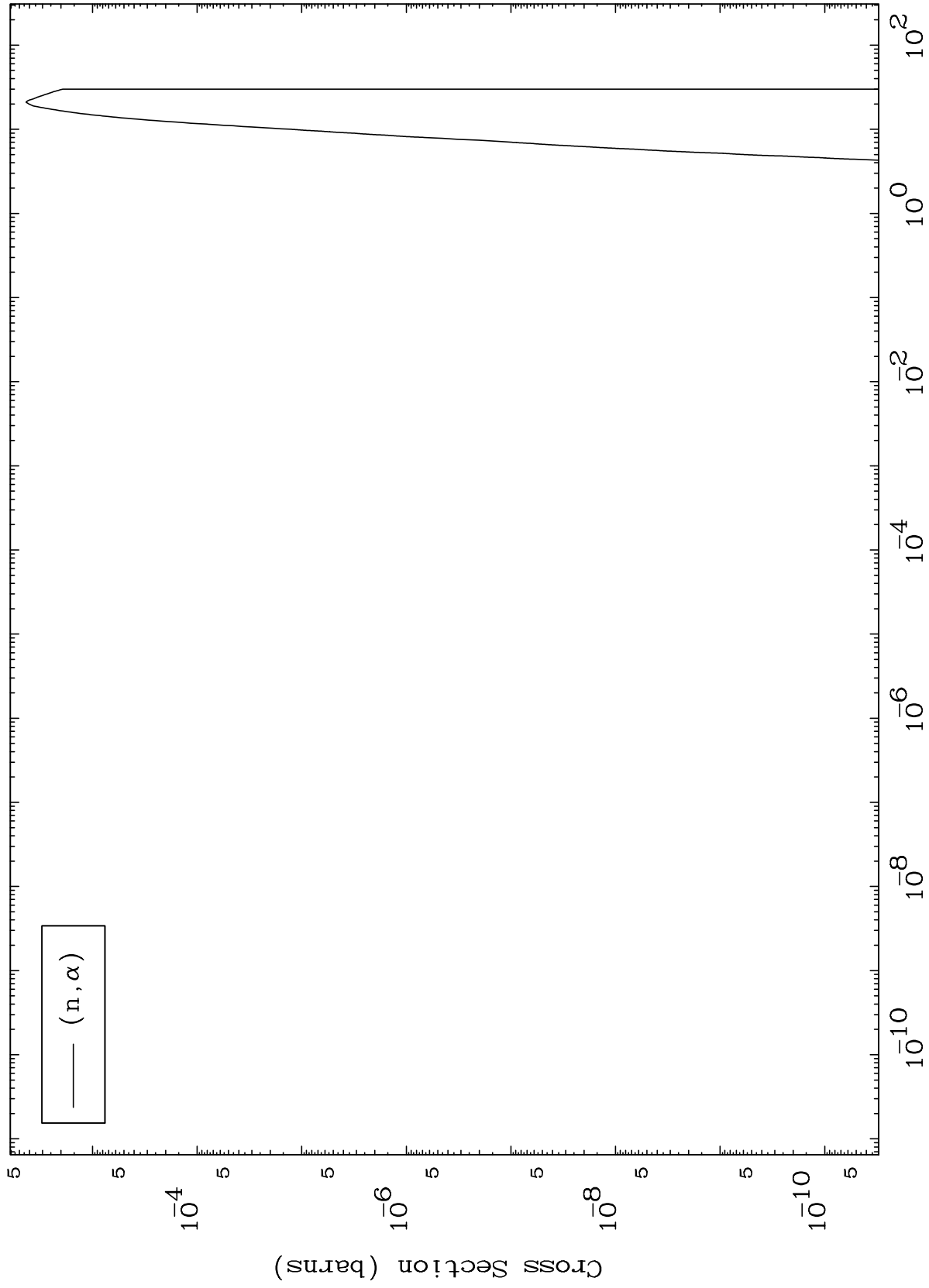
40-Zr-96



MAT 4043

(n,α) Levels  
293 Kelvin Cross Sections

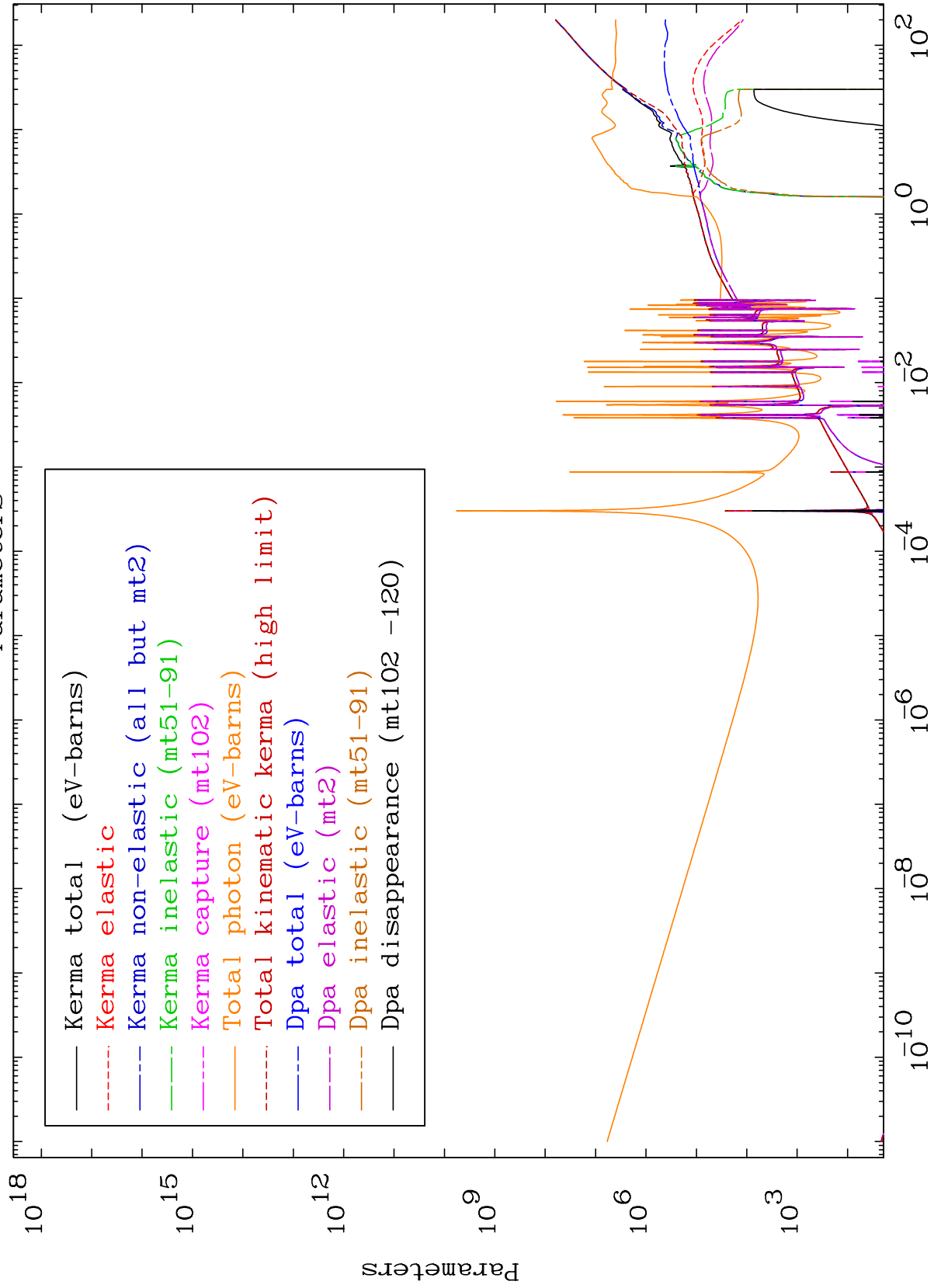
40-Zr-96



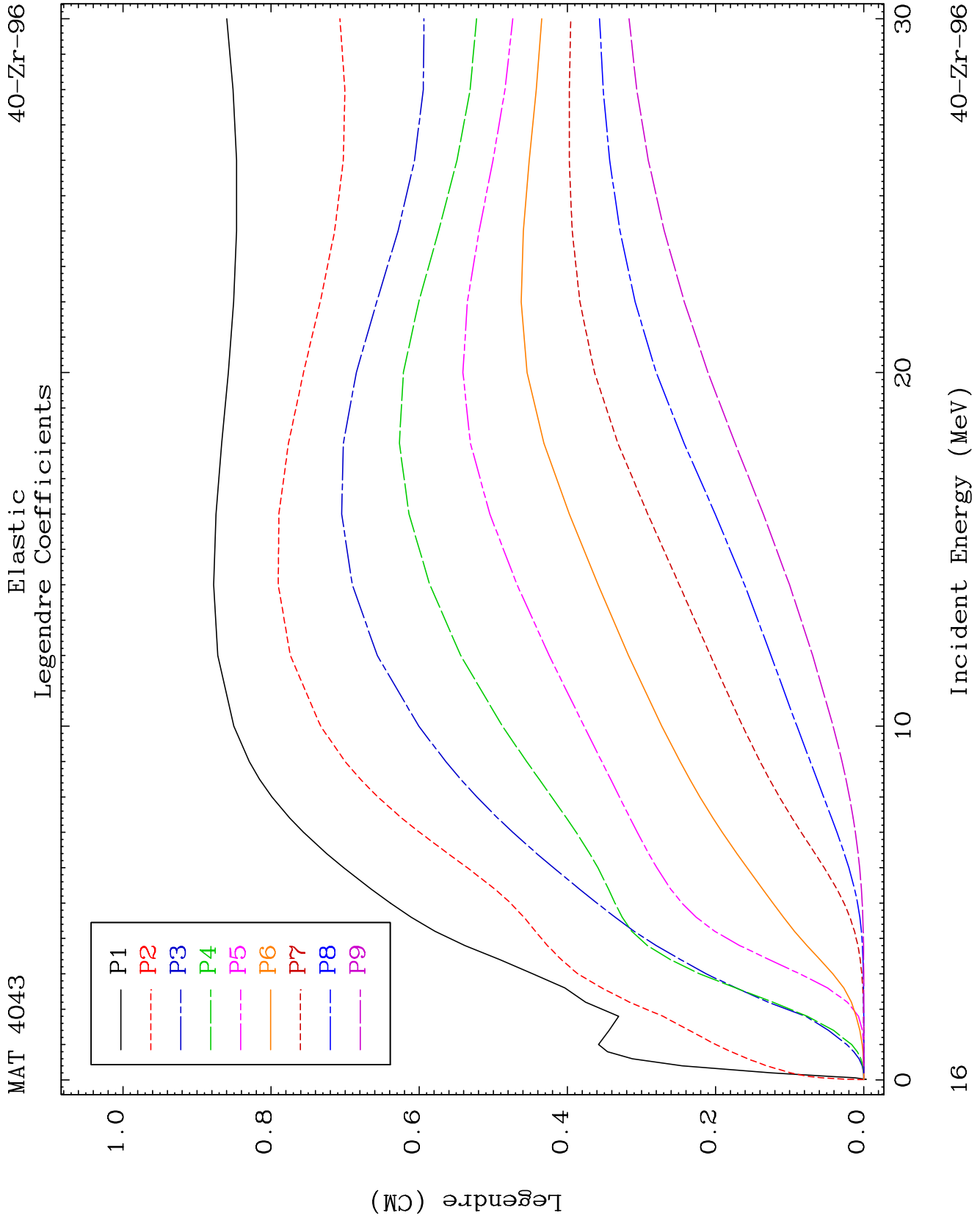
14

Incident Energy (MeV)

40-Zr-96



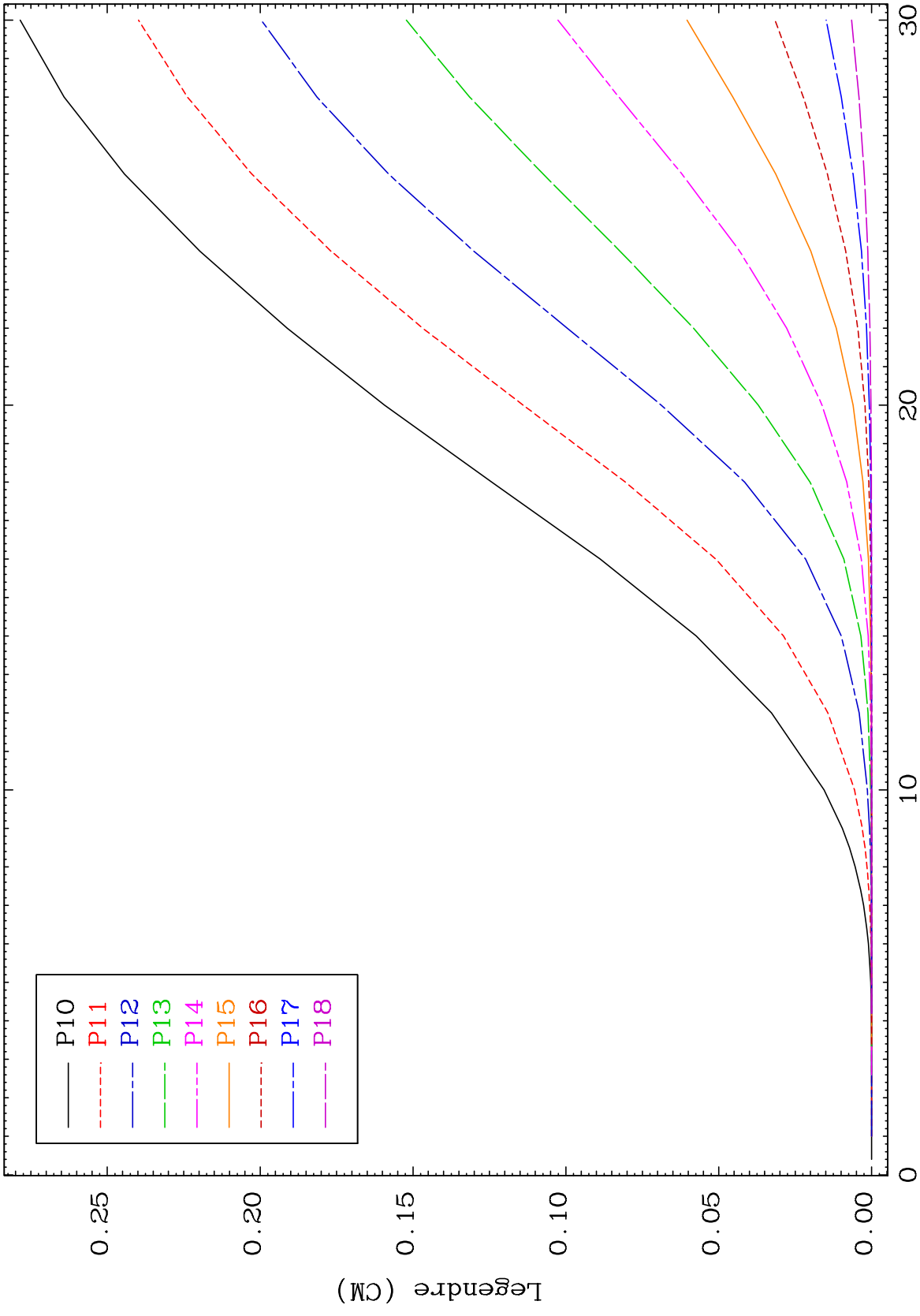




MAT 4043

Elastic Legendre Coefficients

40-Zr-96



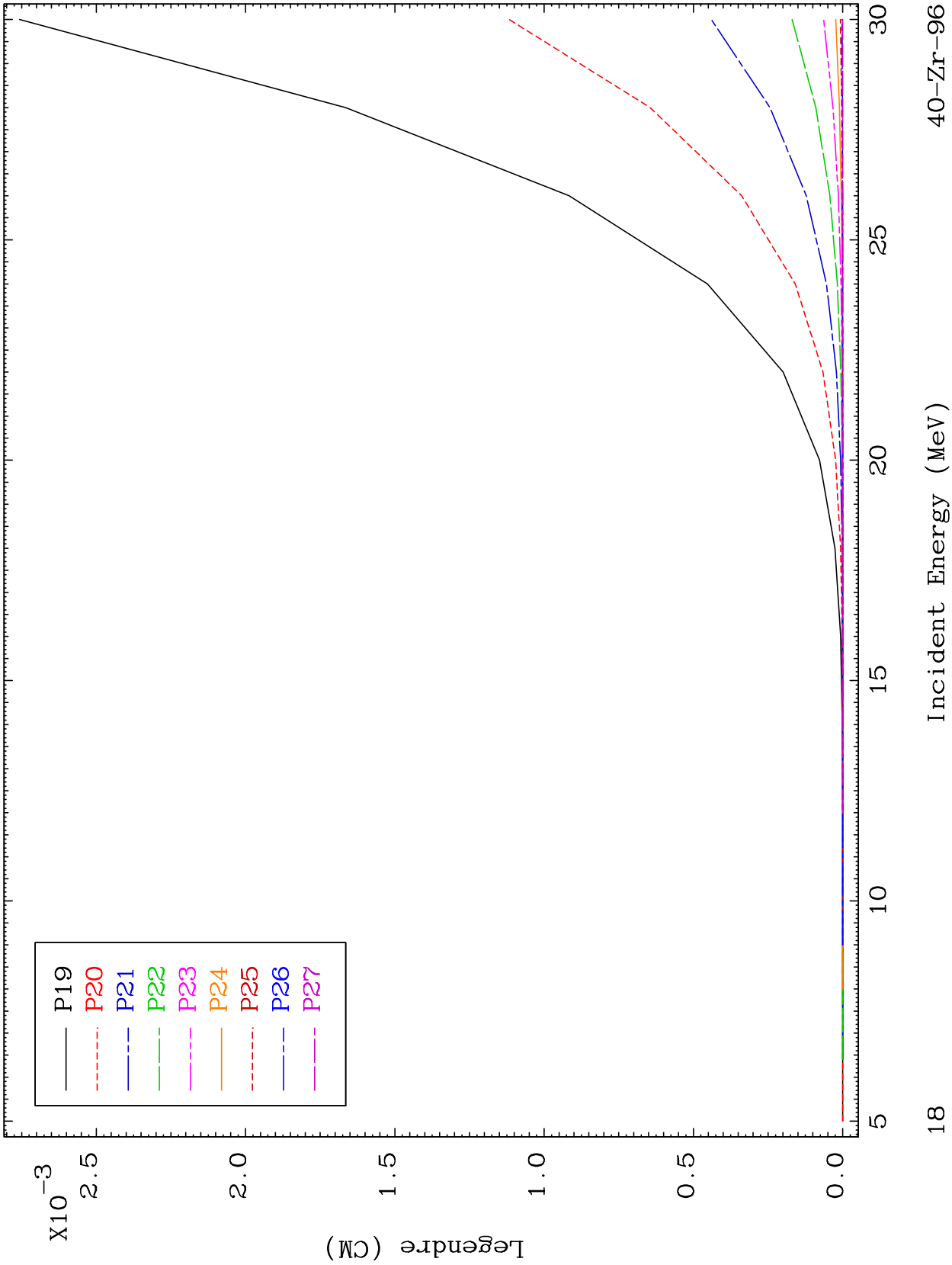
17

40-Zr-96

MAT 4043

### Elastic Legendre Coefficients

40-Zr-96



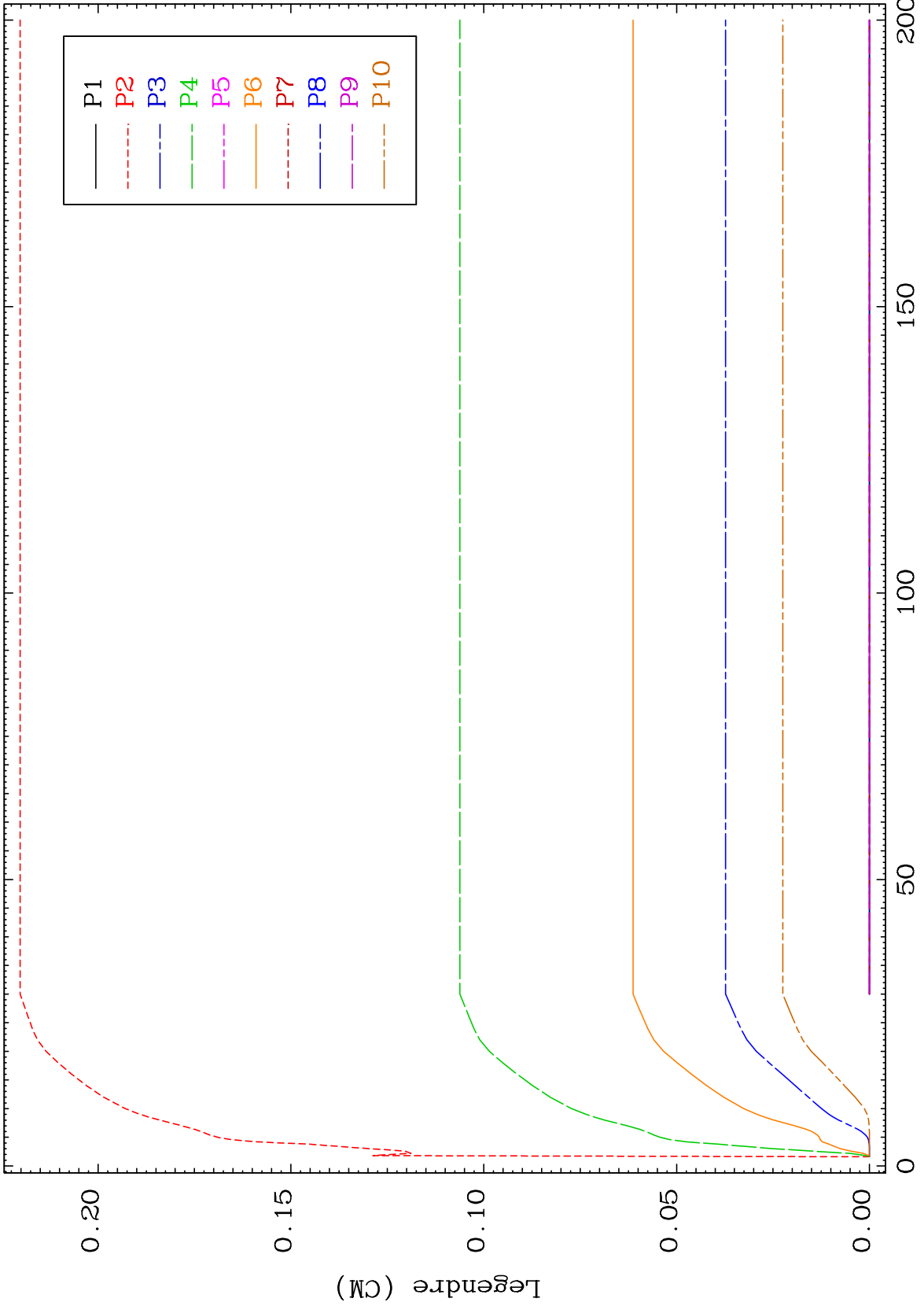
18

Incident Energy (MeV)

40-Zr-96

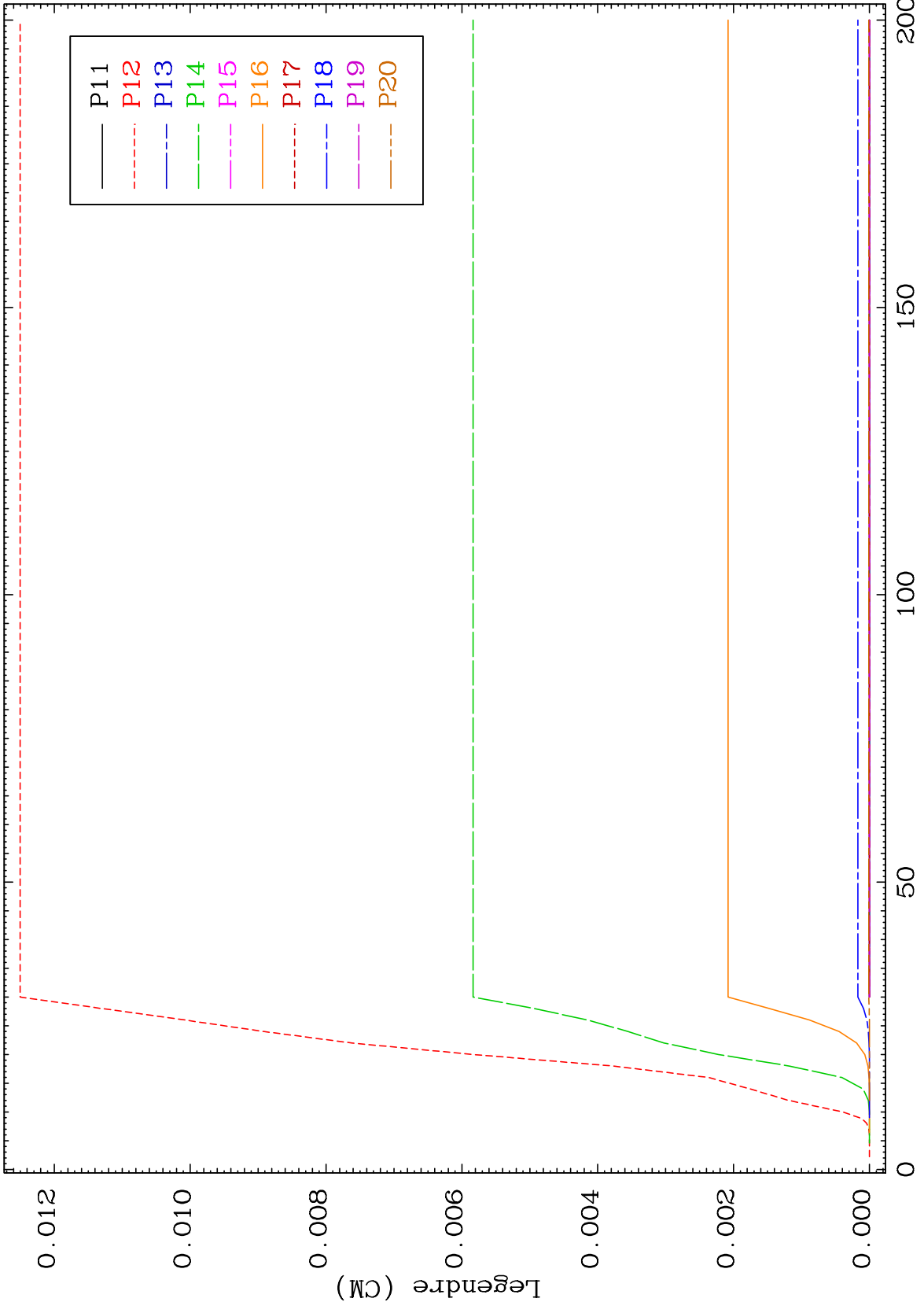


MAT 4043 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-96



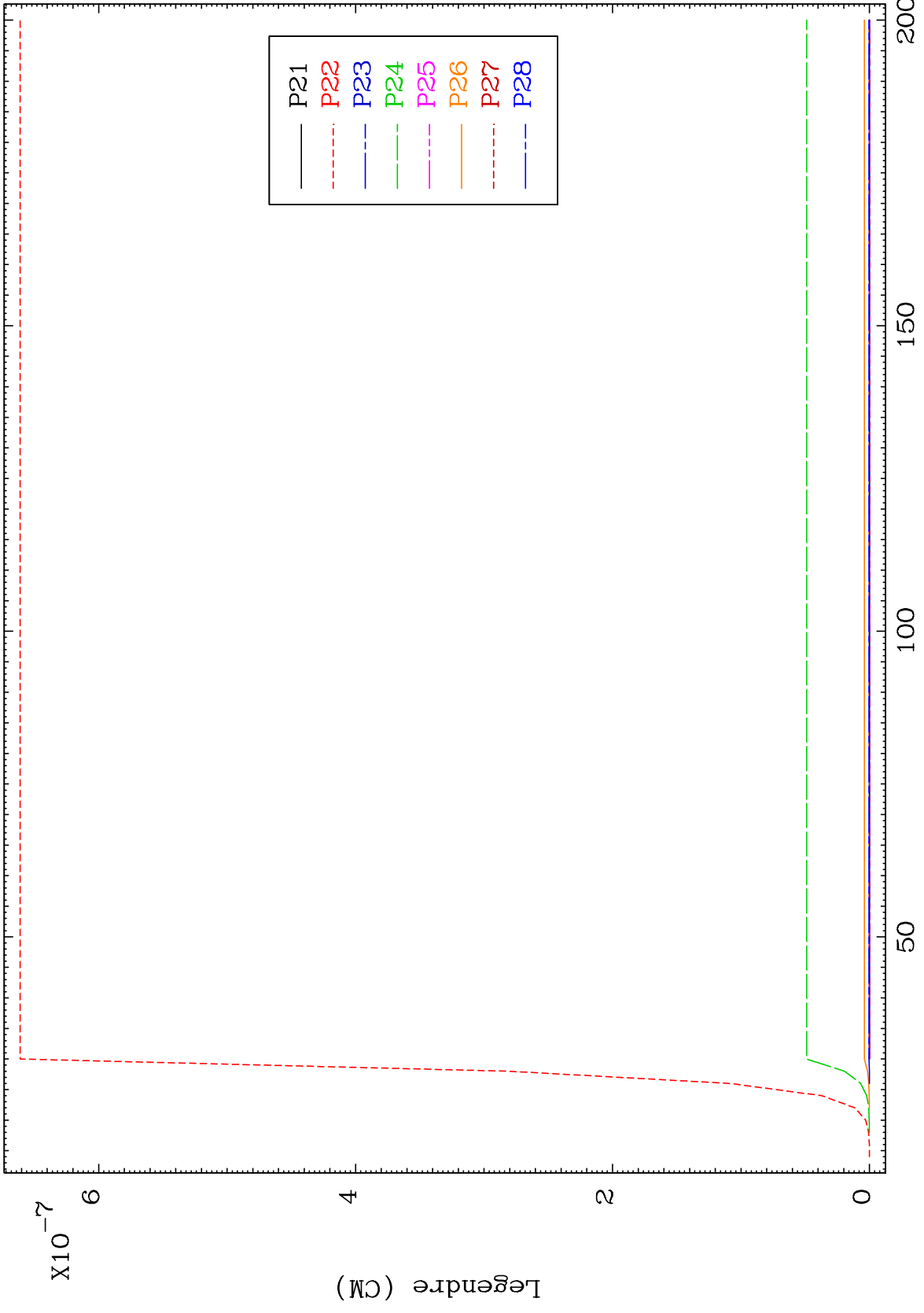
40-Zr-96

MAT 4043 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-96



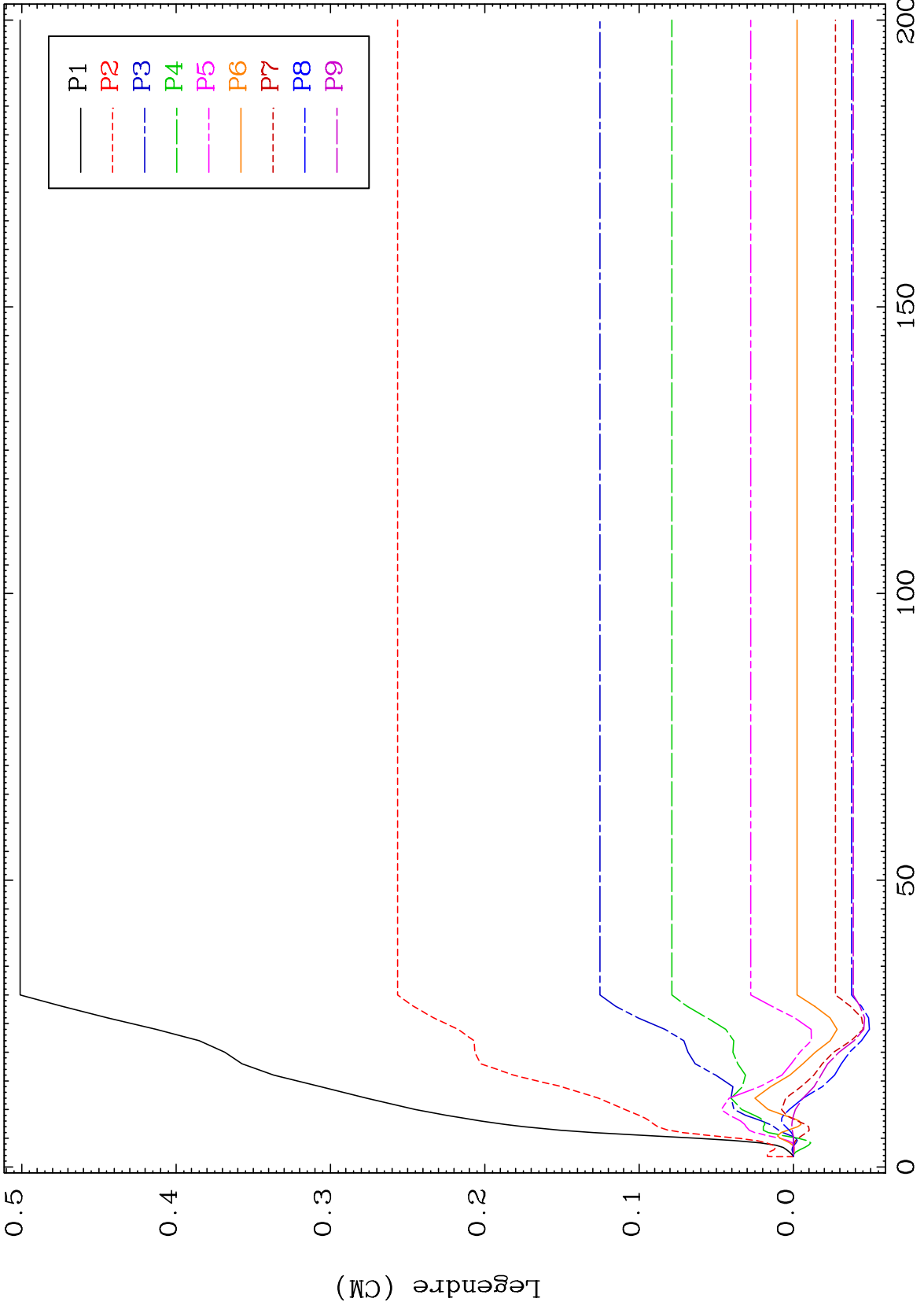
21 40-Zr-96

MAT 4043 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-96



22 40-Zr-96

MAT 4043 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-96



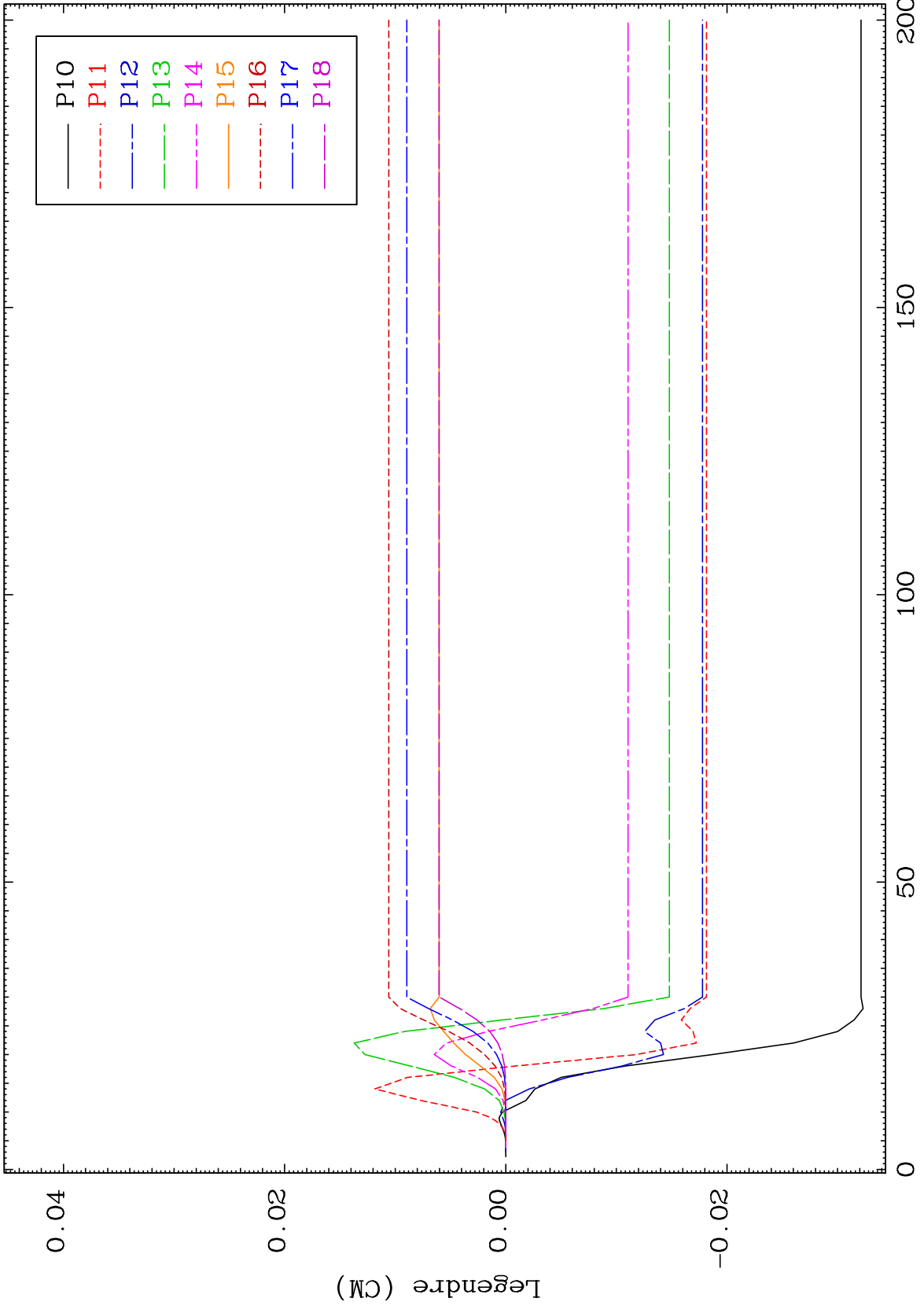
23 40-Zr-96



MAT 4043

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

40-Zr-96

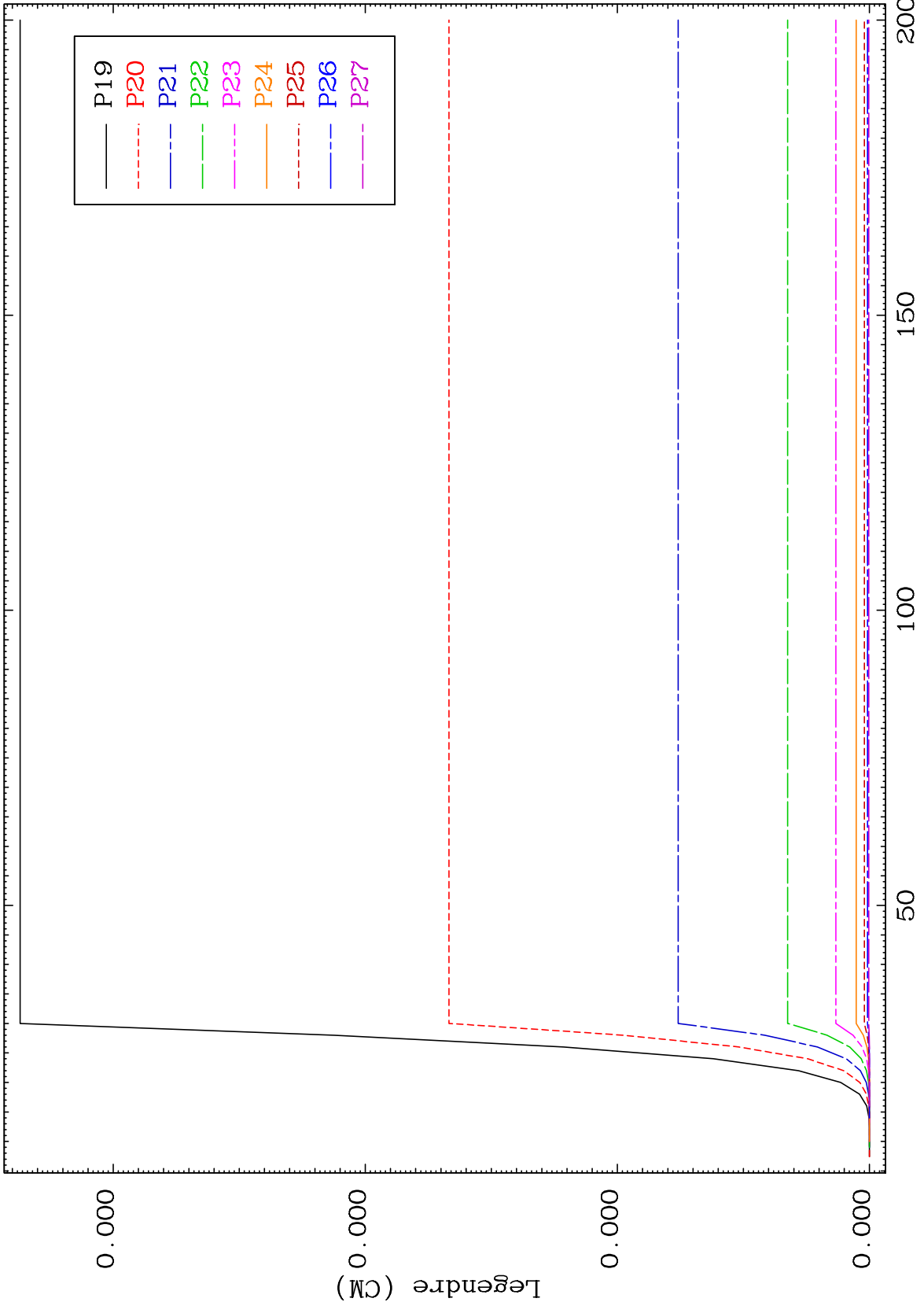


24

Incident Energy (MeV)

40-Zr-96

MAT 4043 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-96

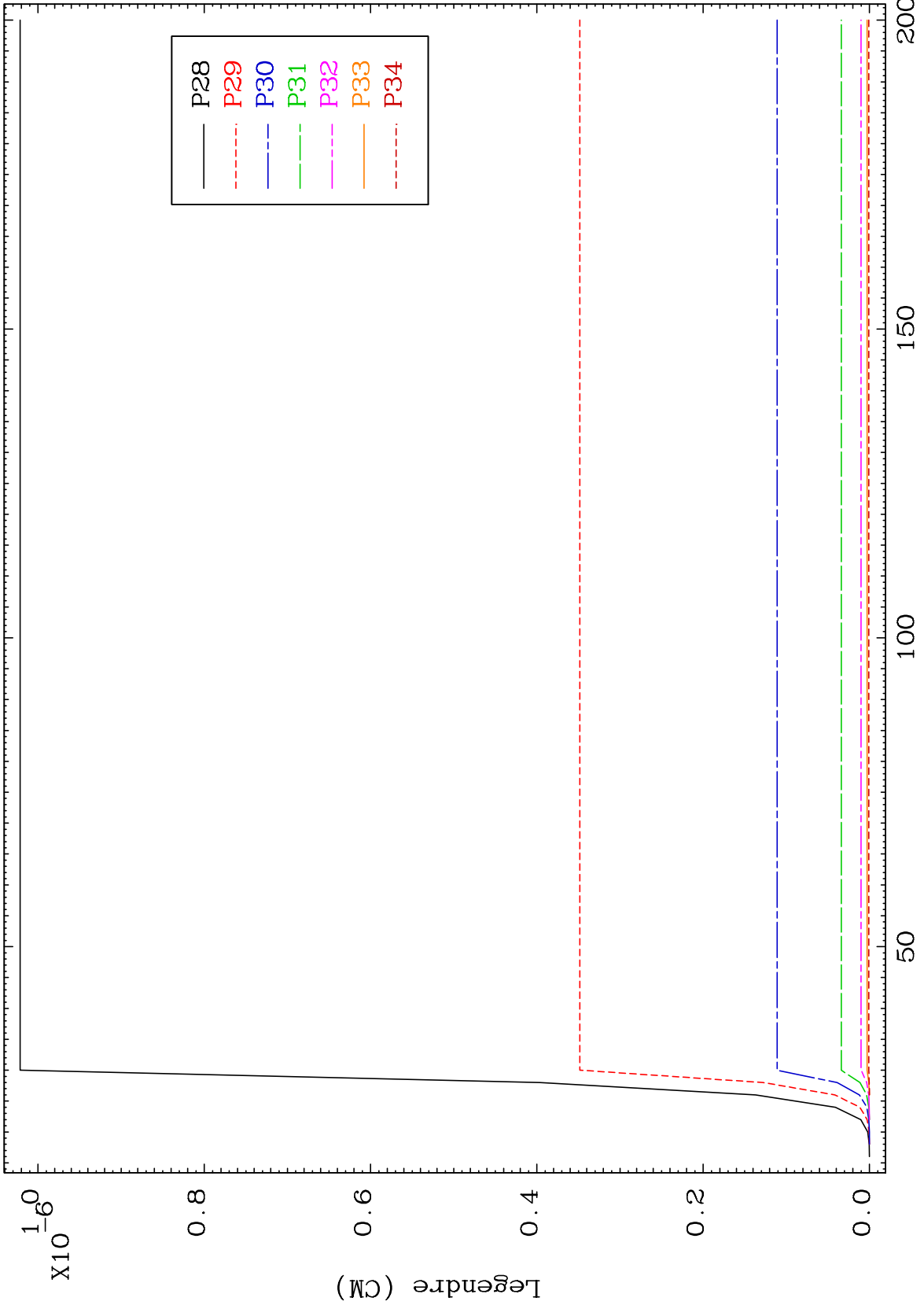


25 Incident Energy (MeV) 40-Zr-96

MAT 4043

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

40-Zr-96

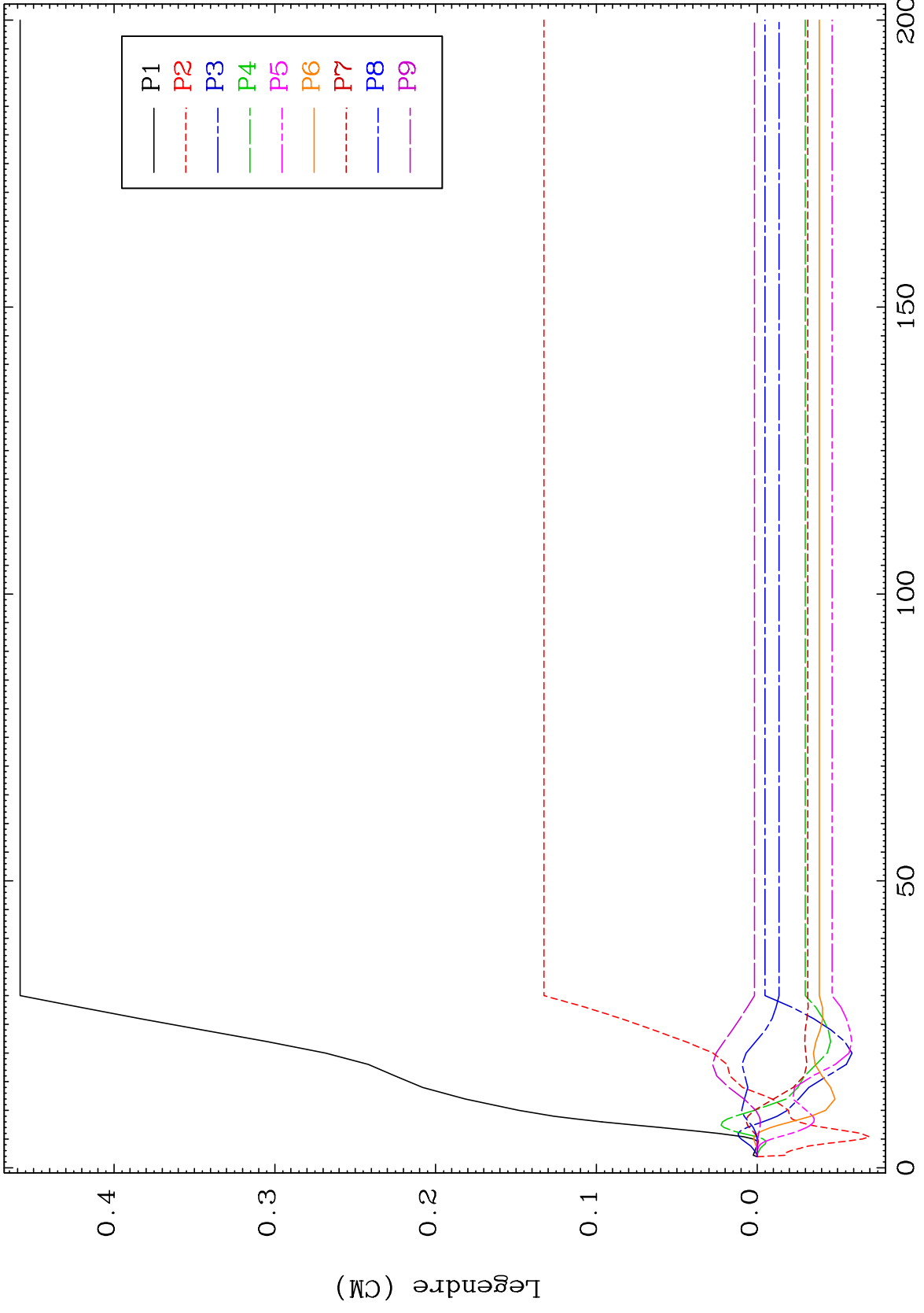


26

Incident Energy (MeV)

40-Zr-96

MAT 4043 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-96

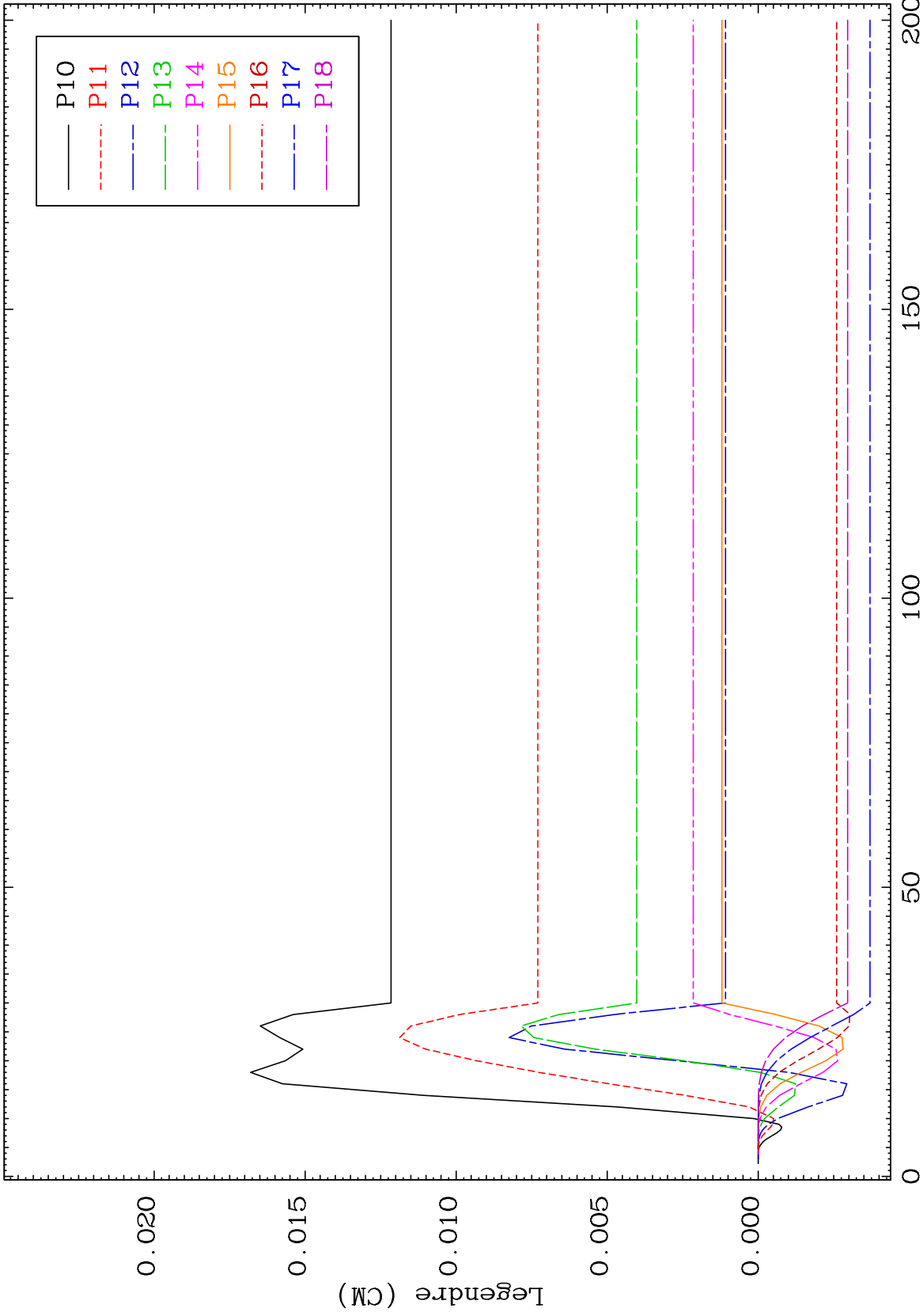


27 Incident Energy (MeV) 40-Zr-96

MAT 4043

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

40-Zr-96

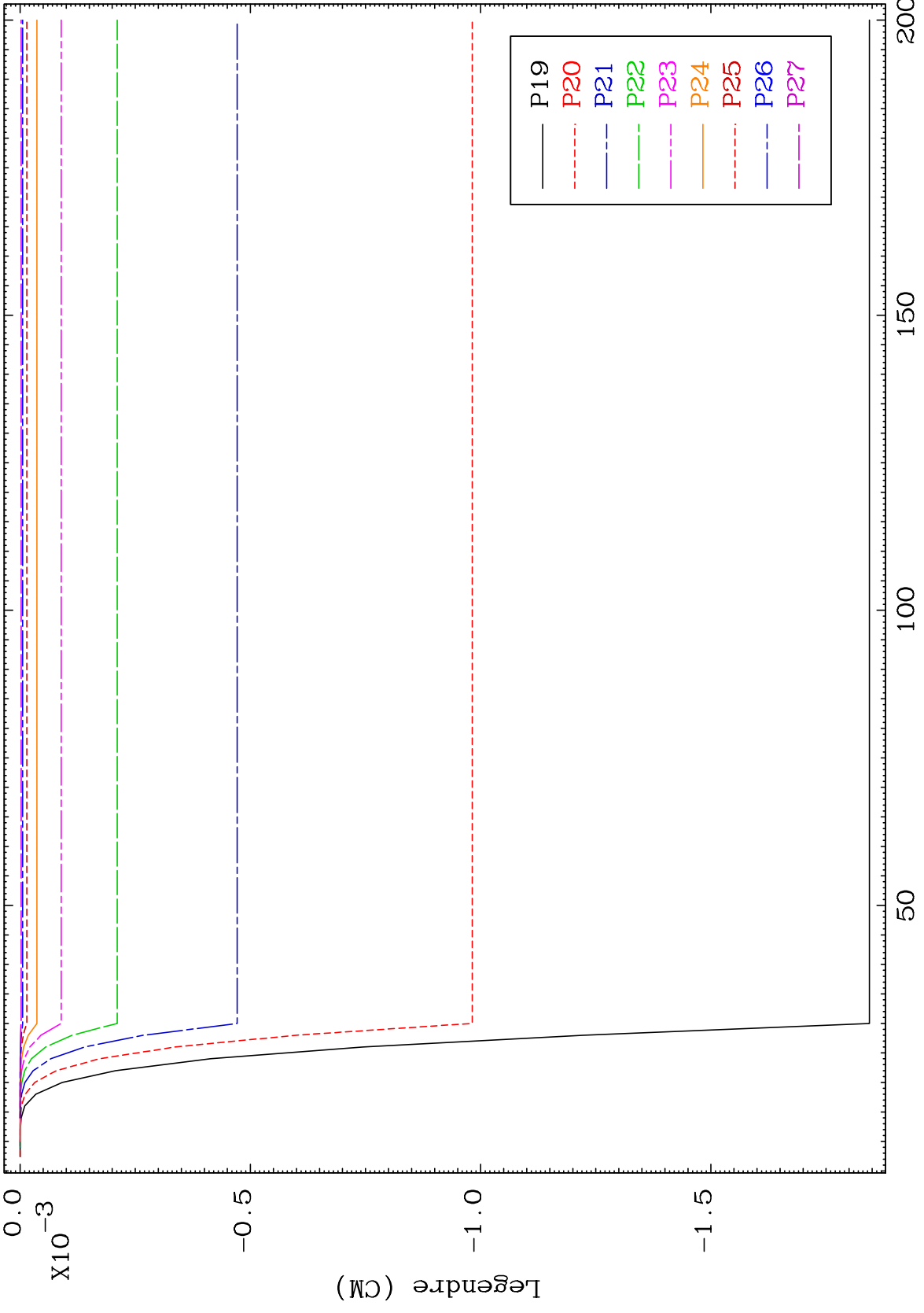


28

Incident Energy (MeV)

40-Zr-96

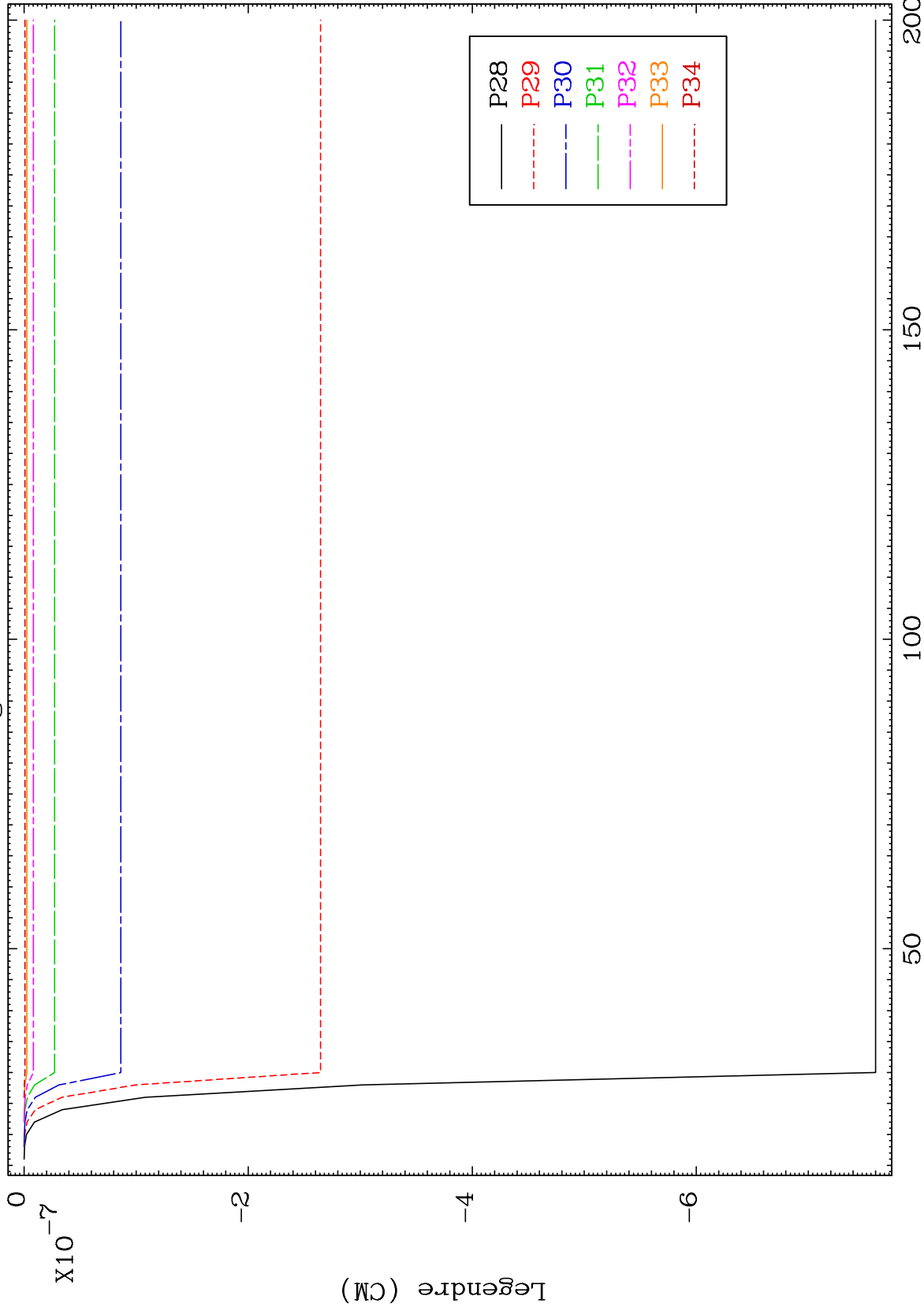
MAT 4043 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-96



MAT 4043

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

40-Zr-96

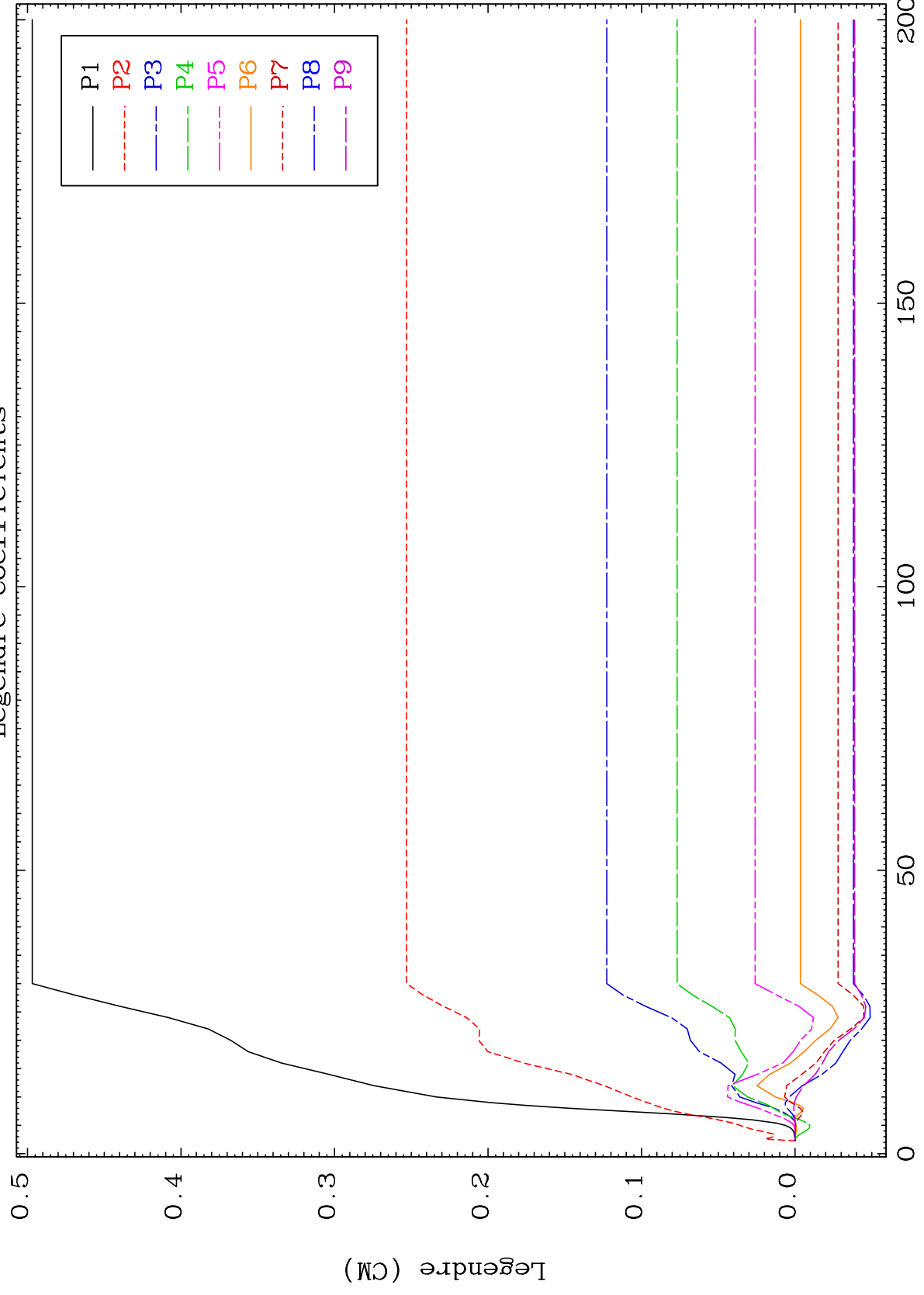


40-Zr-96

Incident Energy (MeV)

30

MAT 4043 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-96

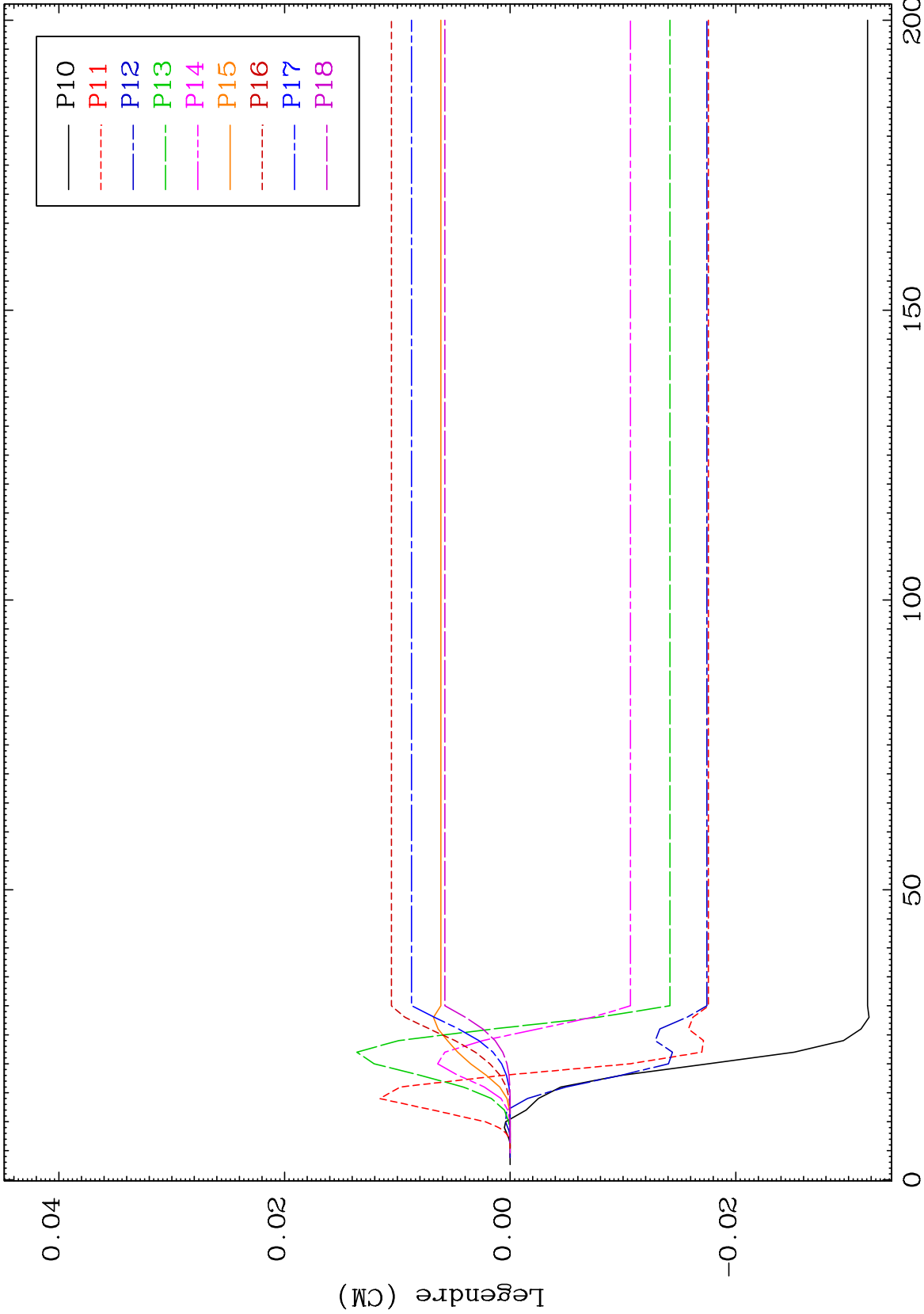




MAT 4043

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

40-Zr-96



32

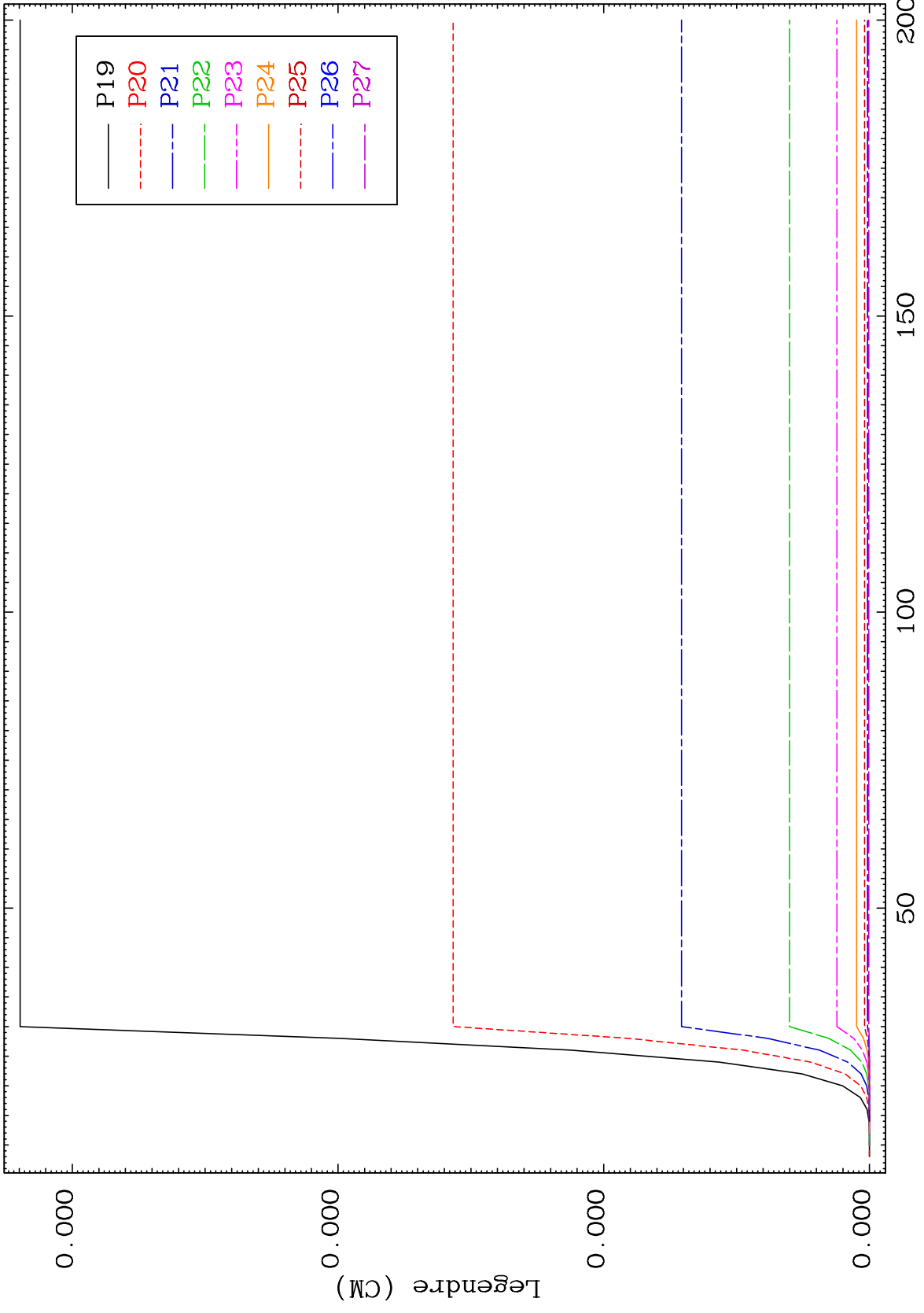
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96

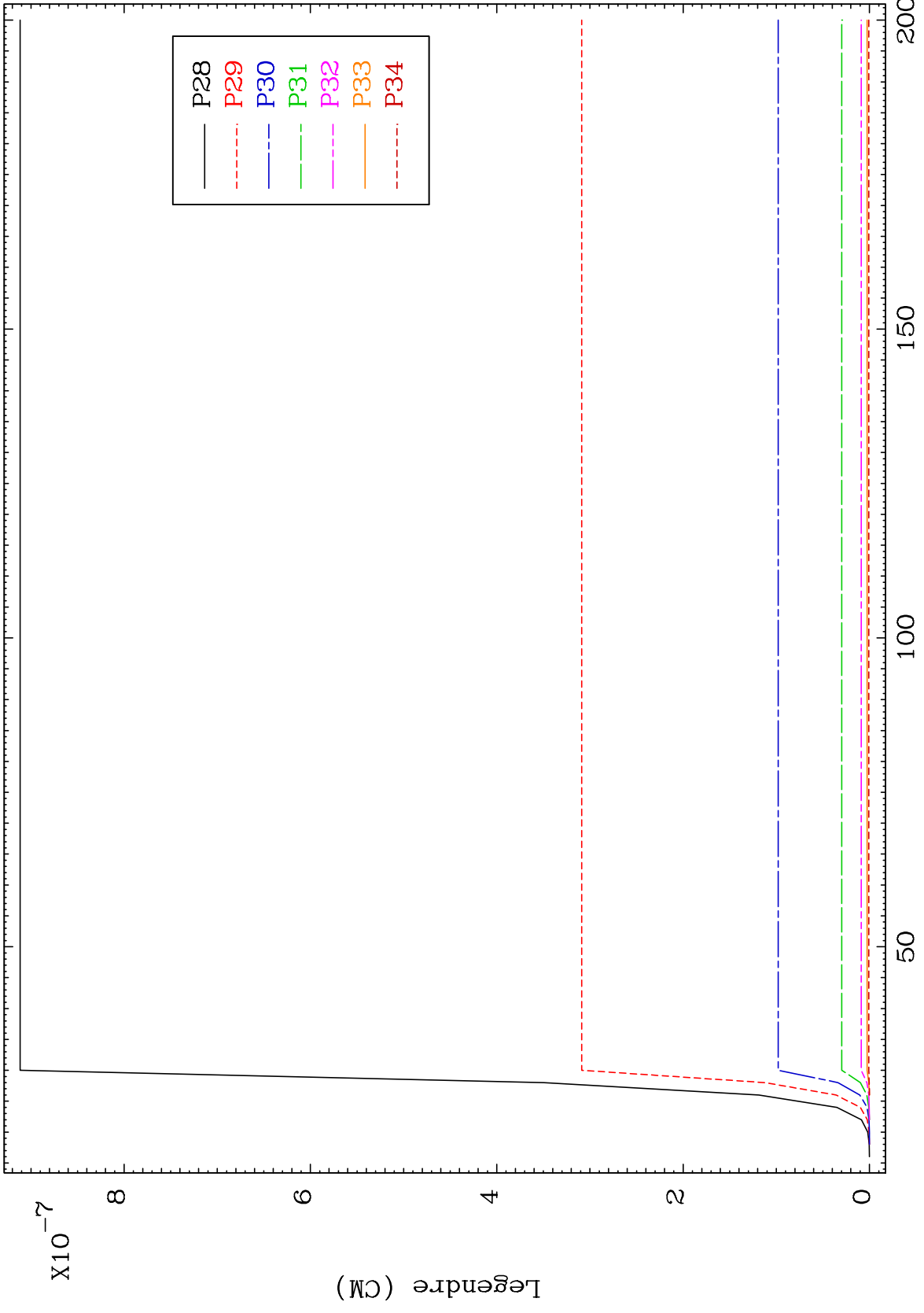


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Incident Energy (MeV)

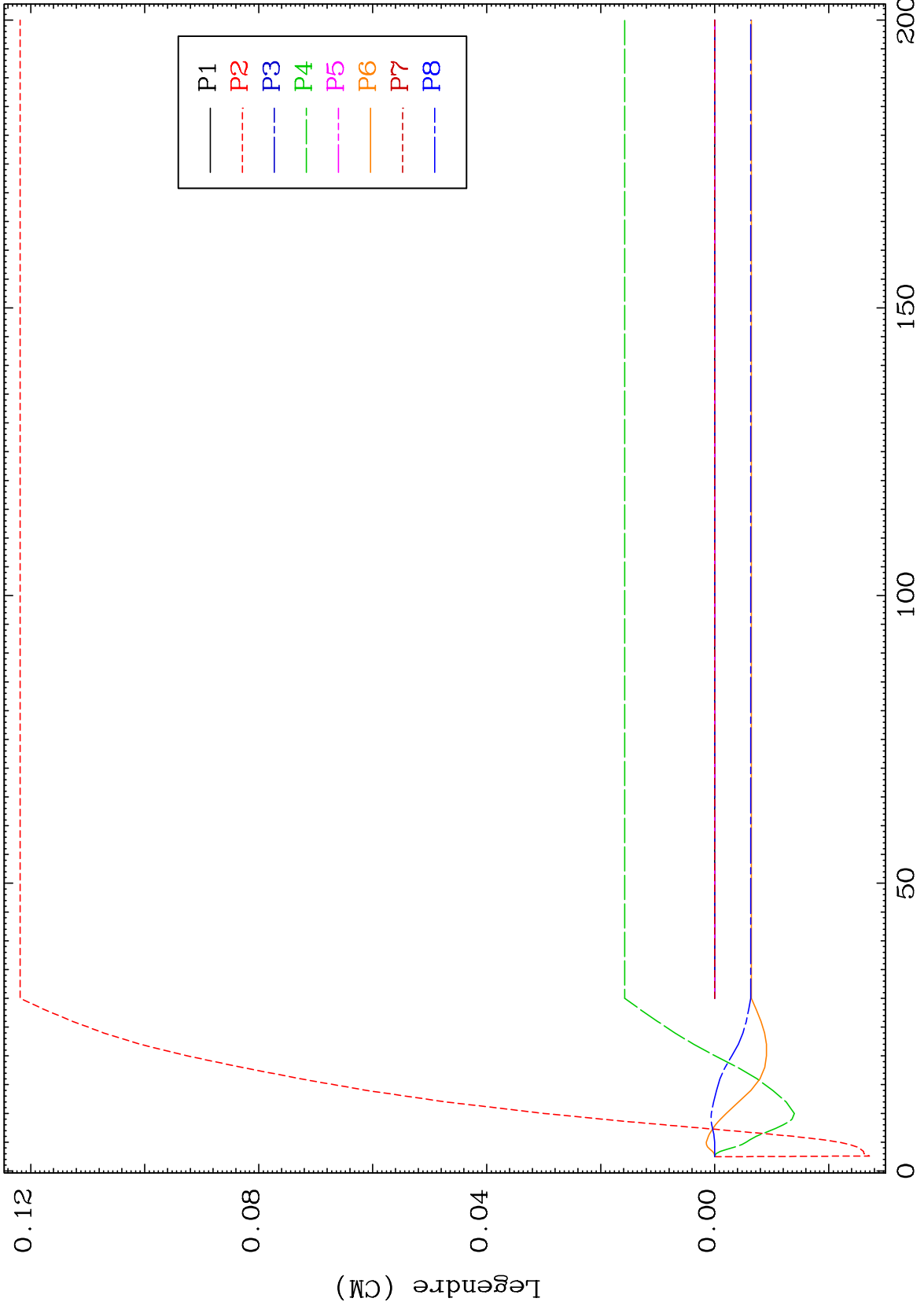
40-Zr-96

MAT 4043 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-96



34 Incident Energy (MeV) 40-Zr-96

MAT 4043 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-96

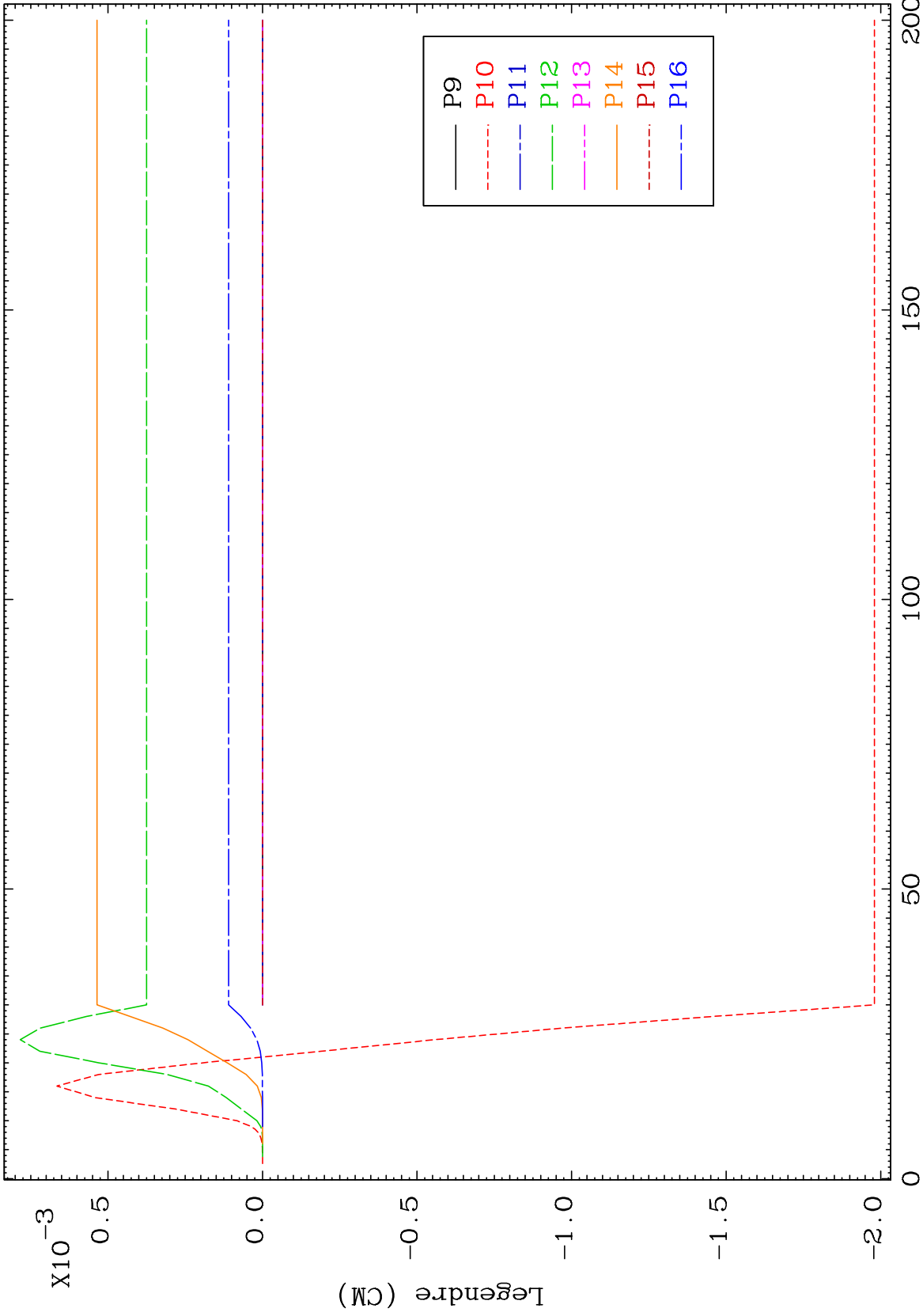


40-Zr-96

MAT 4043

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

40-Zr-96

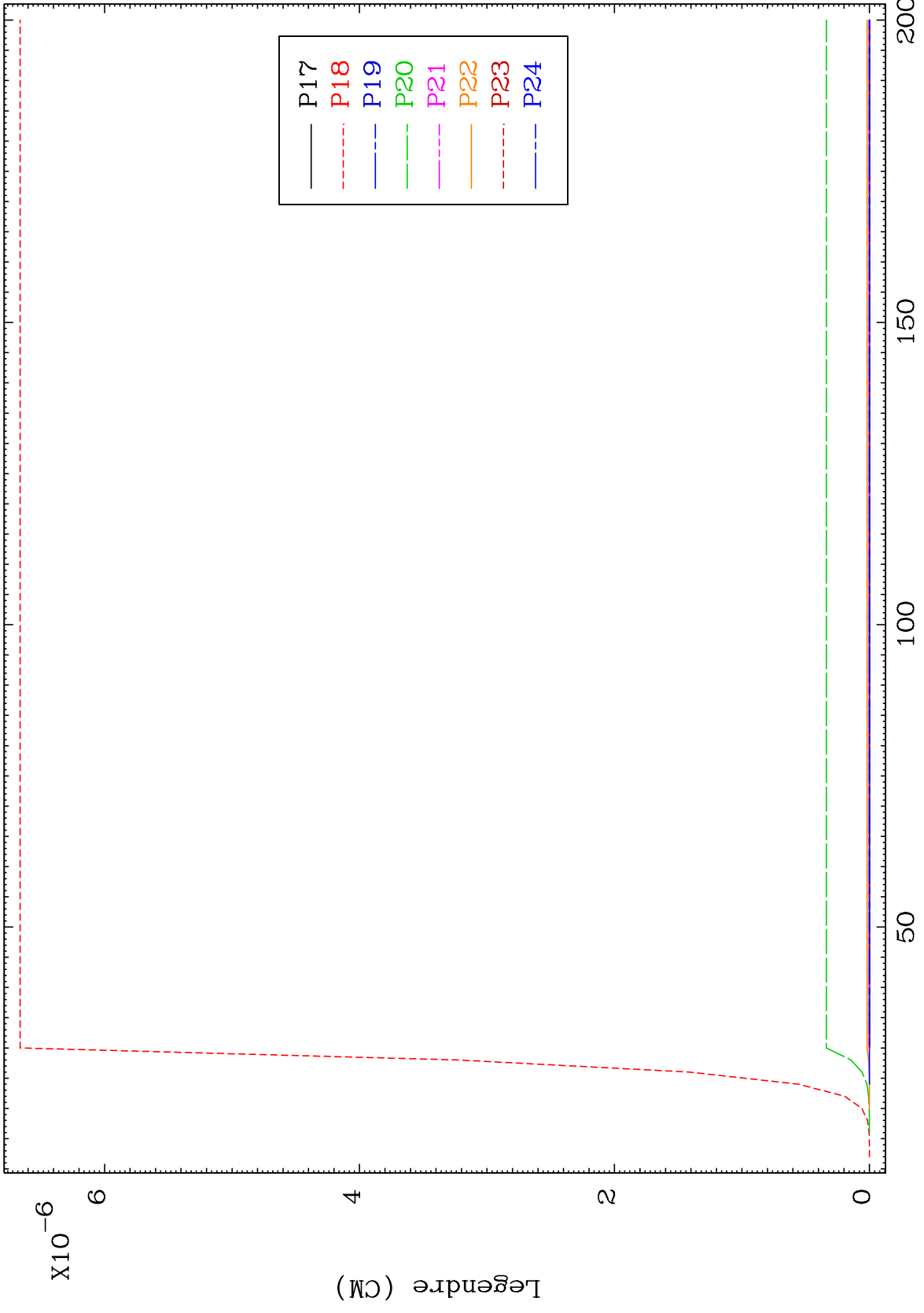


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Incident Energy (MeV)

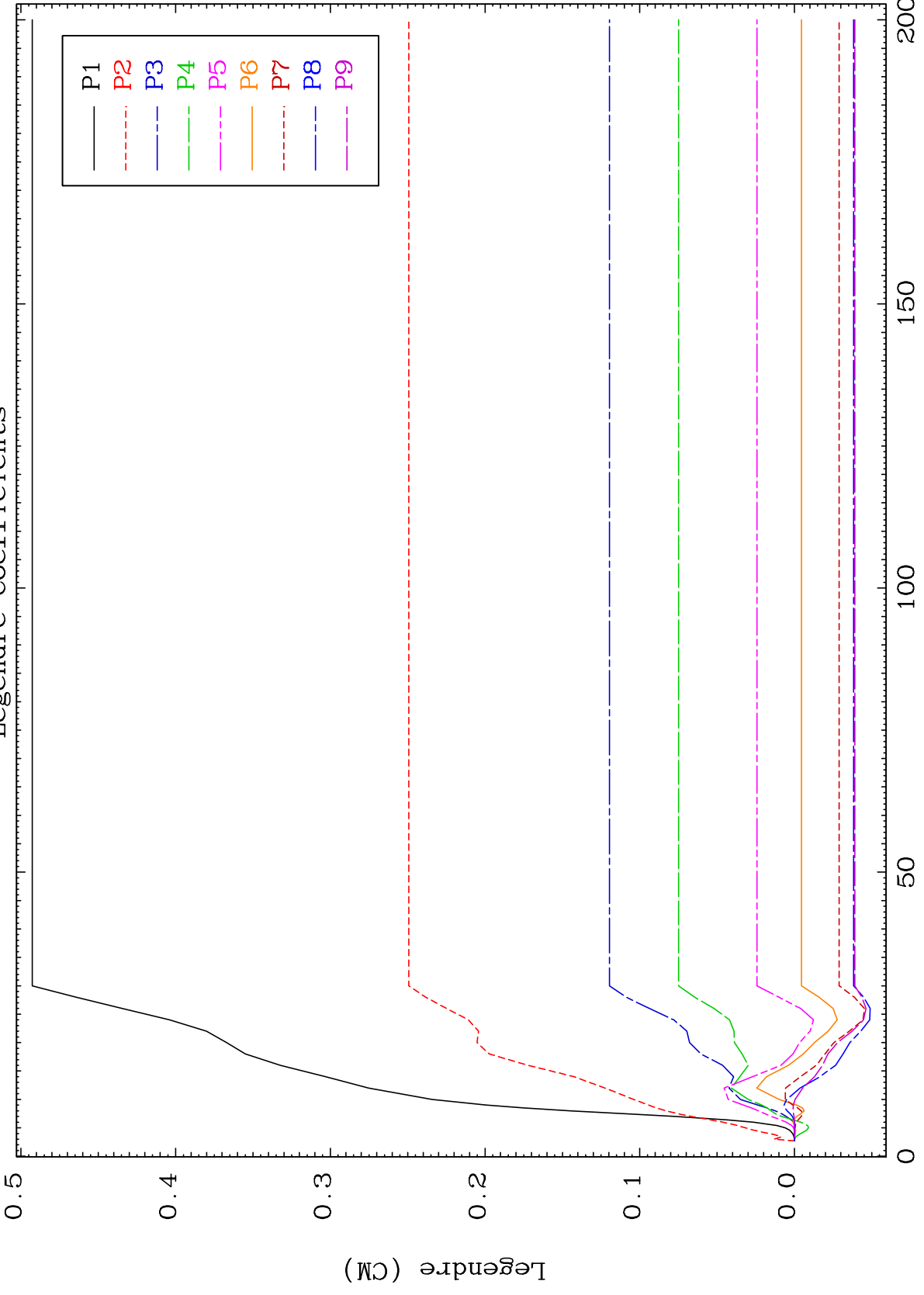
40-Zr-96

MAT 4043 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-96



37 50 100 150 200 40-Zr-96

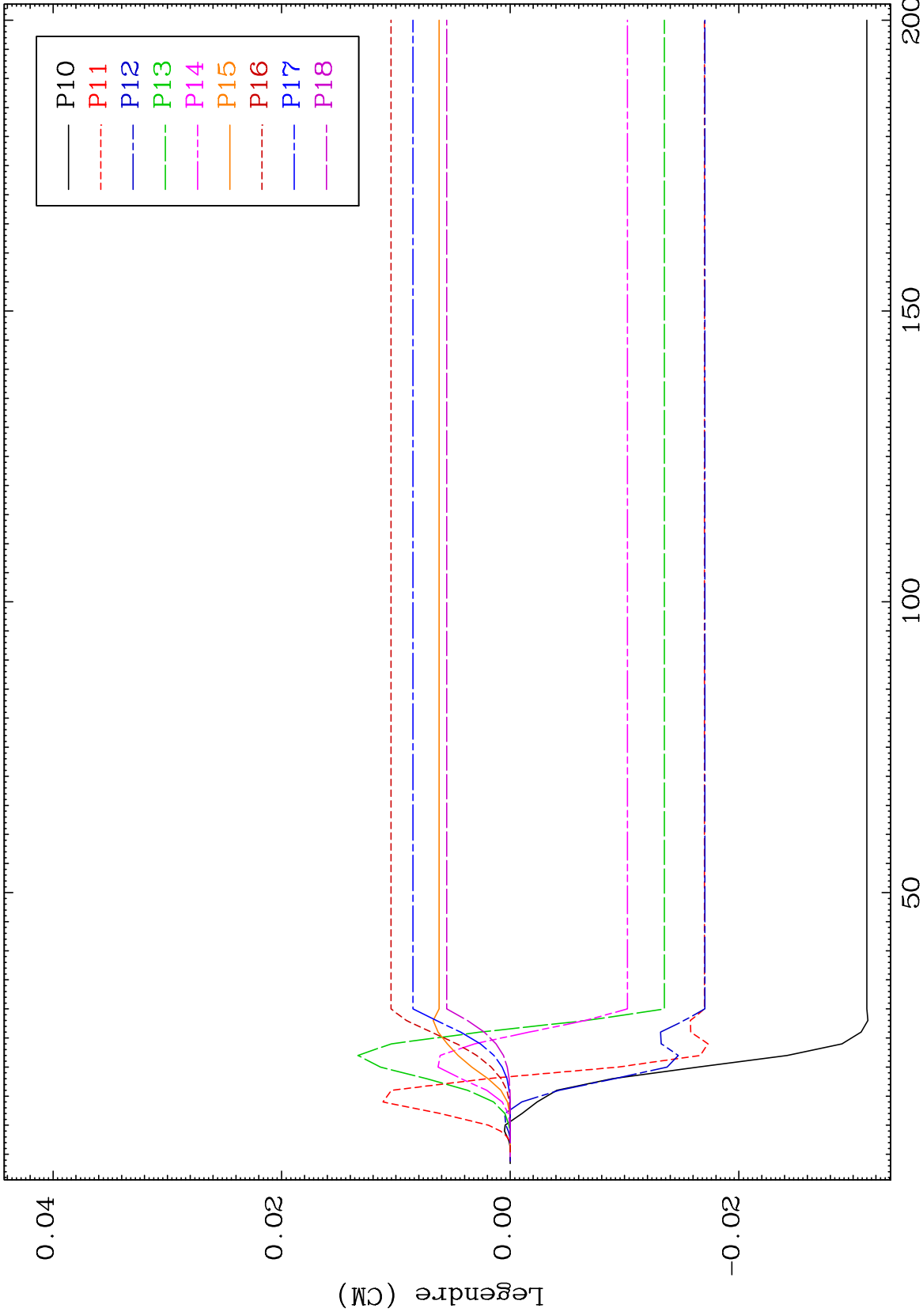
MAT 4043 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-96



MAT 4043

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

40-Zr-96



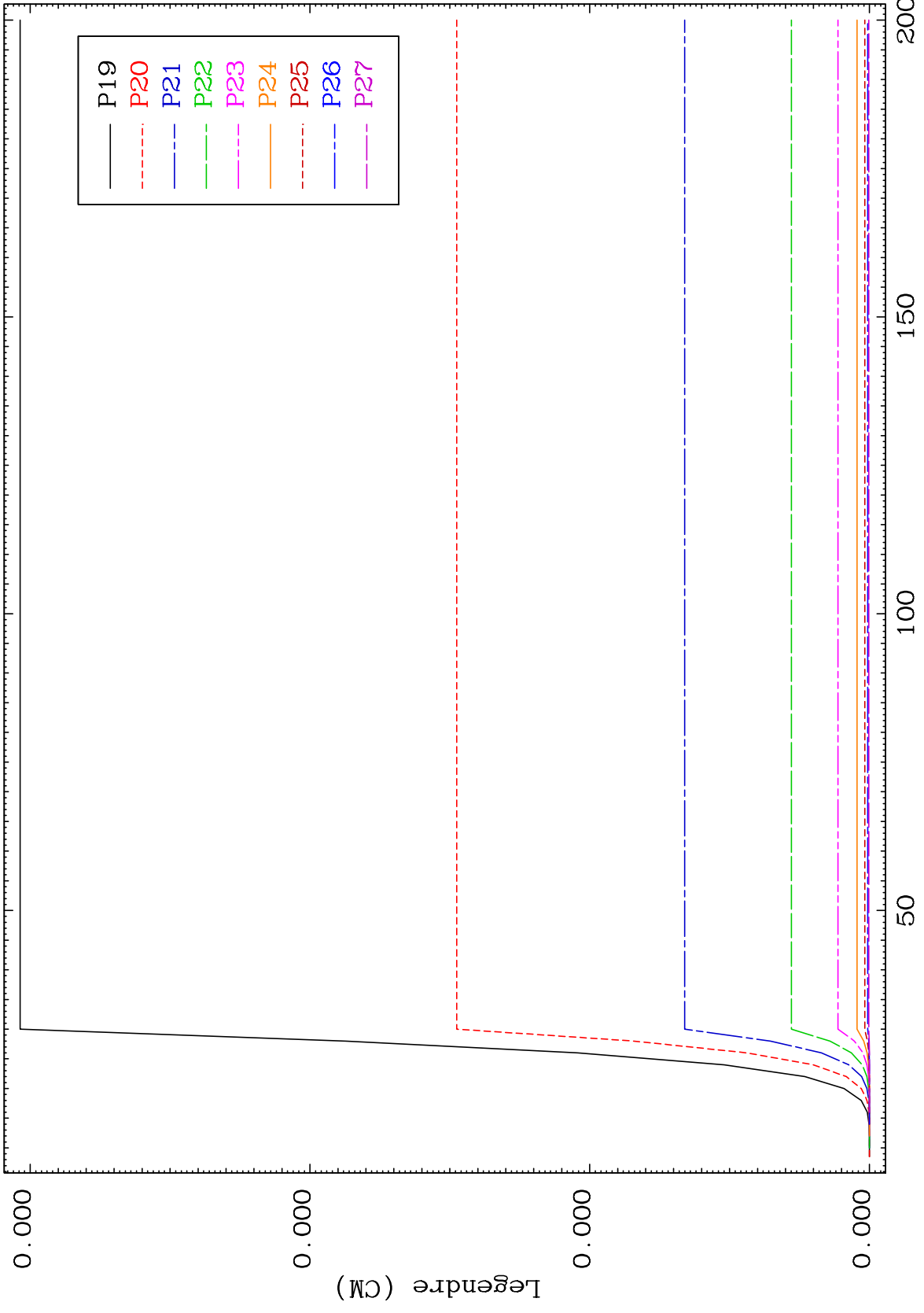
39

Incident Energy (MeV)

40-Zr-96



MAT 4043 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-96

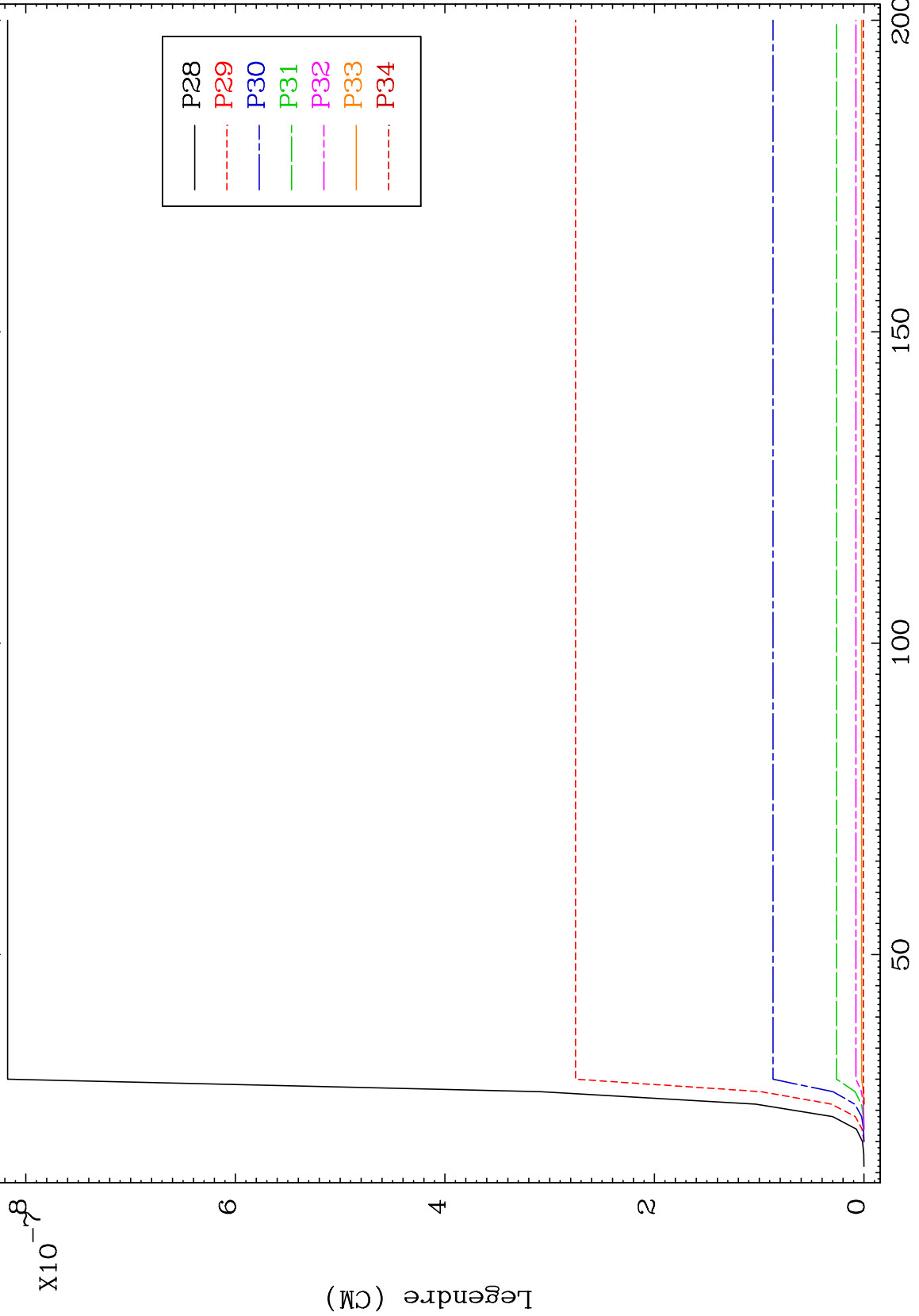


40-Zr-96

MAT 4043

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

40-Zr-96

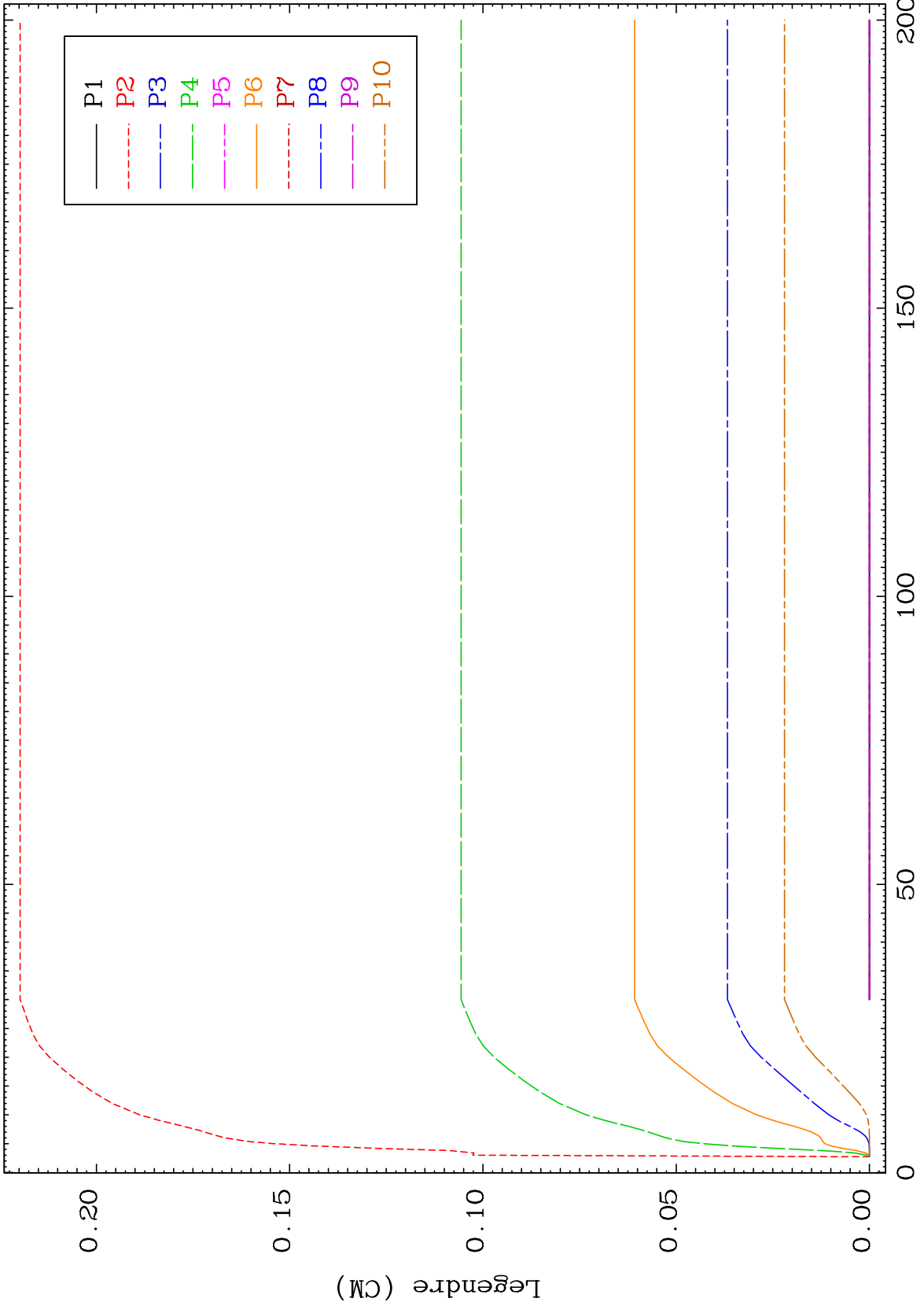


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Incident Energy (MeV)

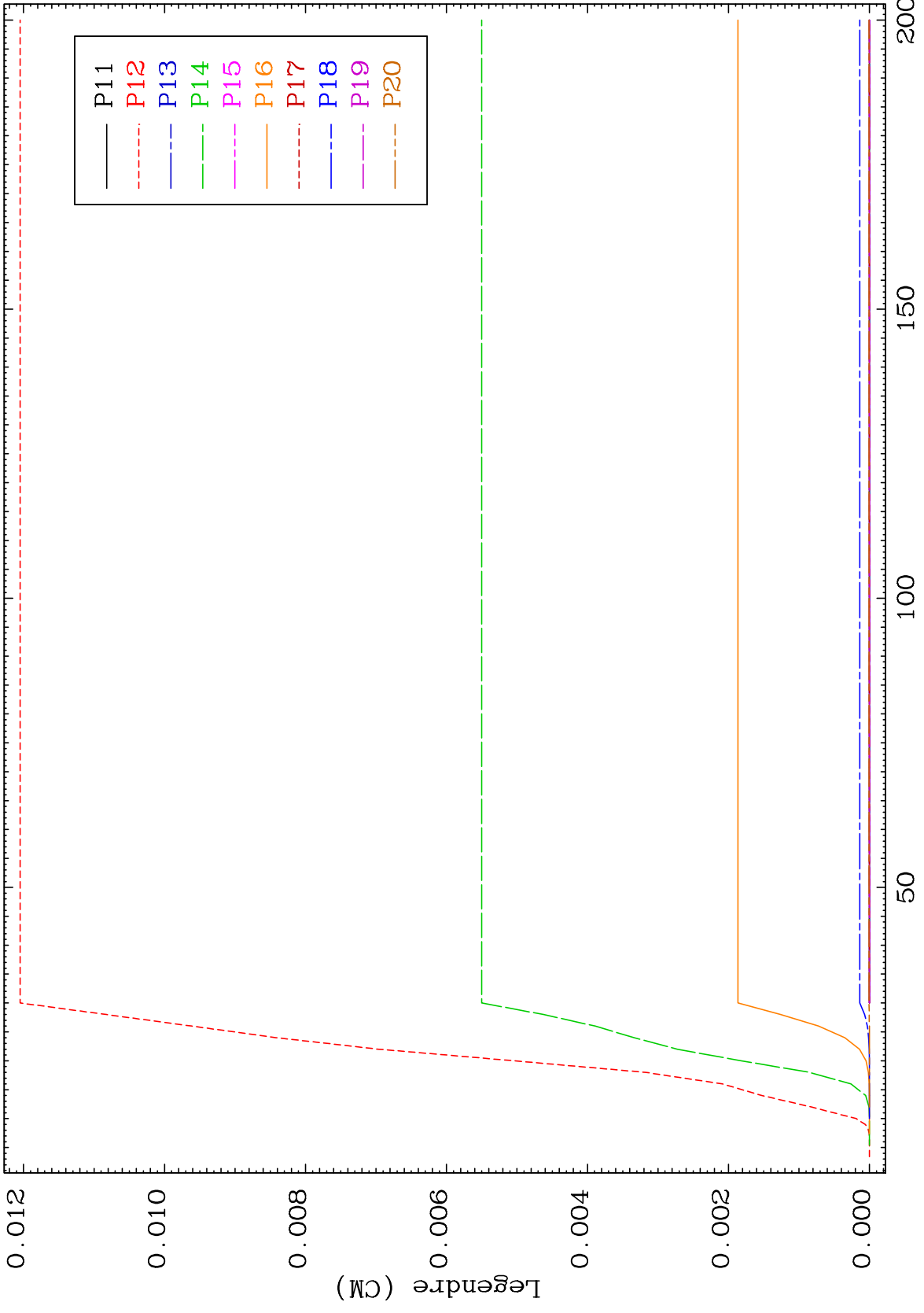
40-Zr-96

MAT 4043 MT= 57 (n,n') Level Legendre Coefficients 40-Zr-96



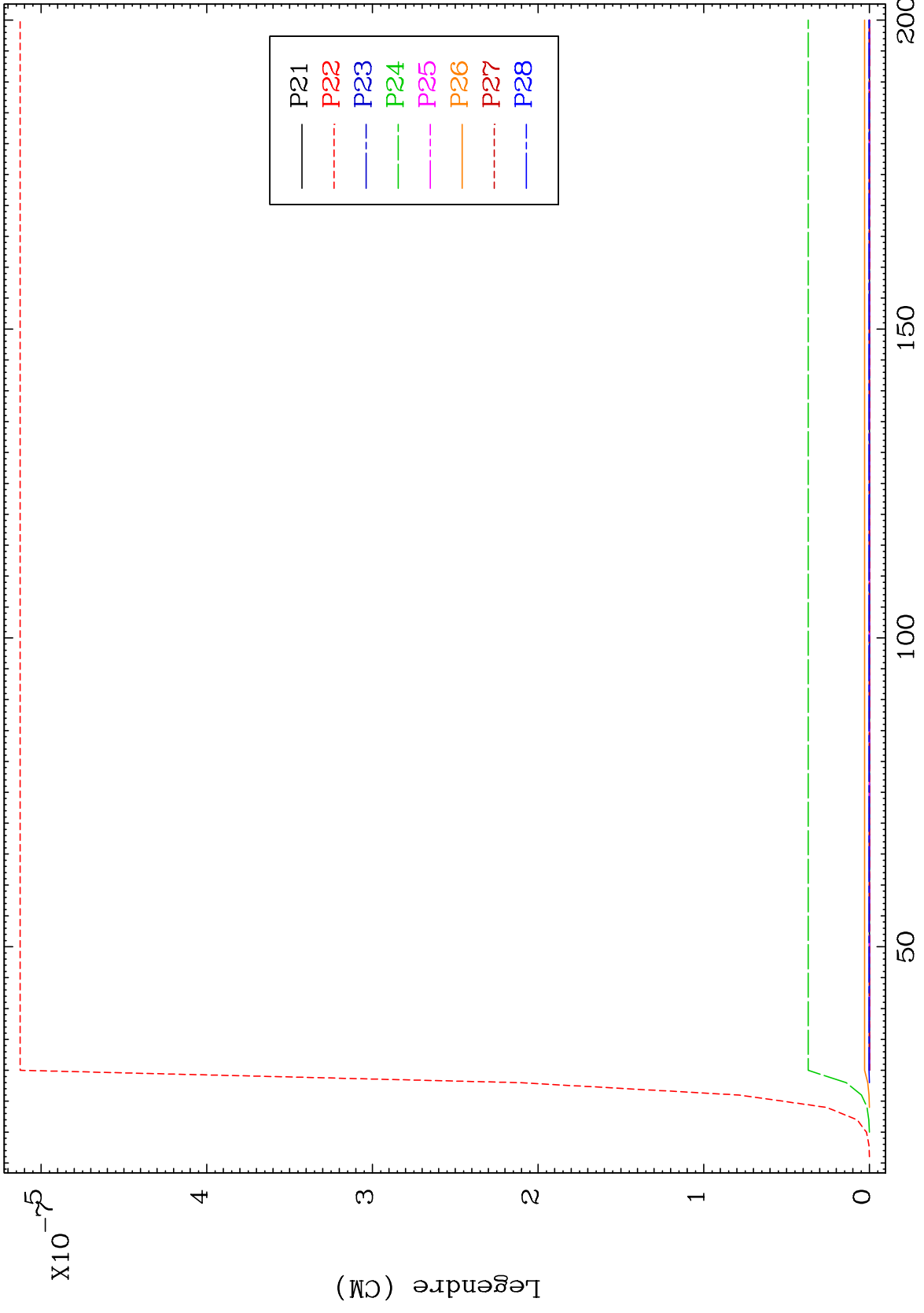
42 40-Zr-96

MAT 4043 MT= 57 (n,n') Level Legendre Coefficients 40-Zr-96



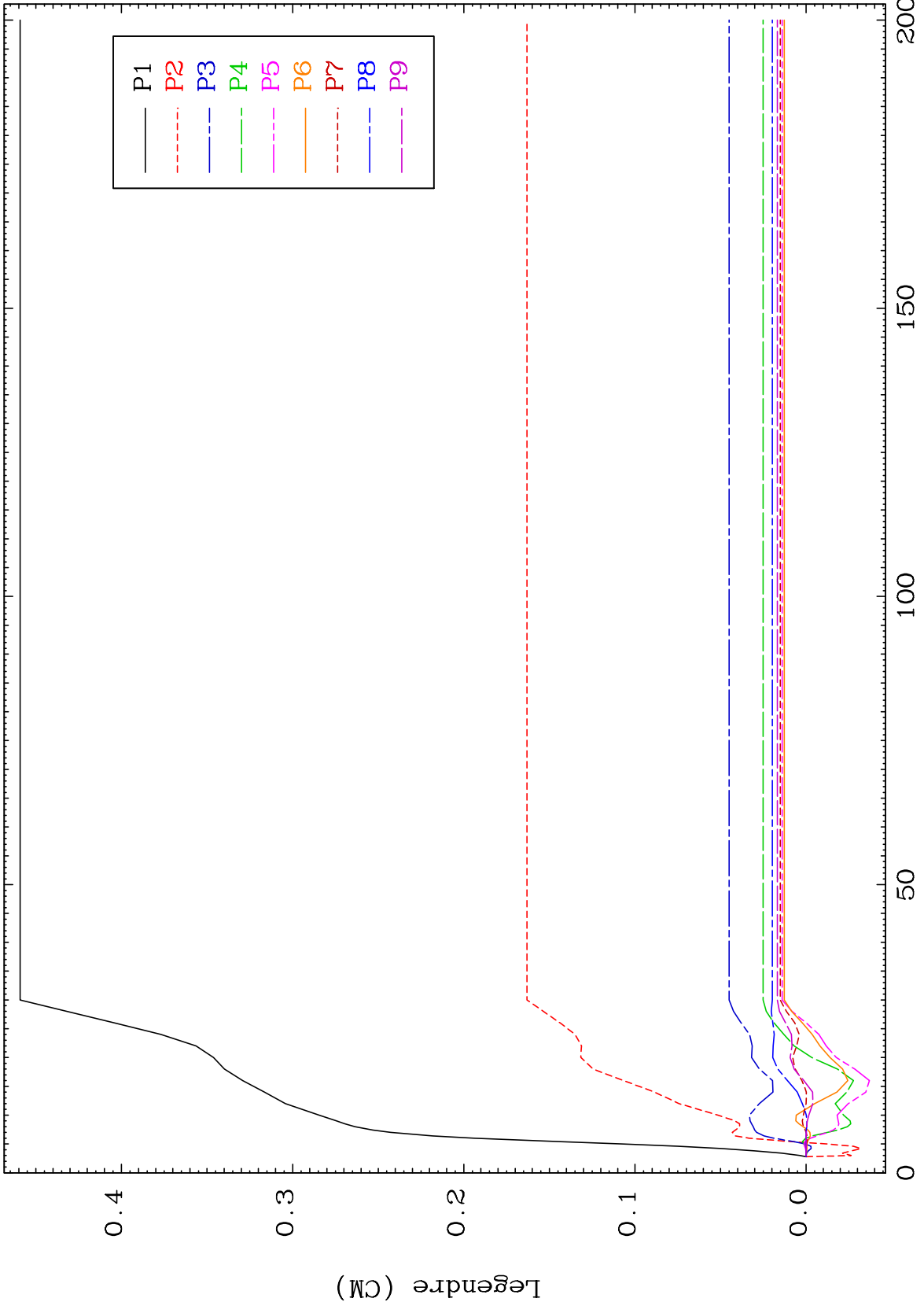
43 Incident Energy (MeV) 40-Zr-96

MAT 4043 MT= 57 (n,n') Level Legendre Coefficients 40-Zr-96



44 Incident Energy (MeV) 40-Zr-96

MAT 4043 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-96

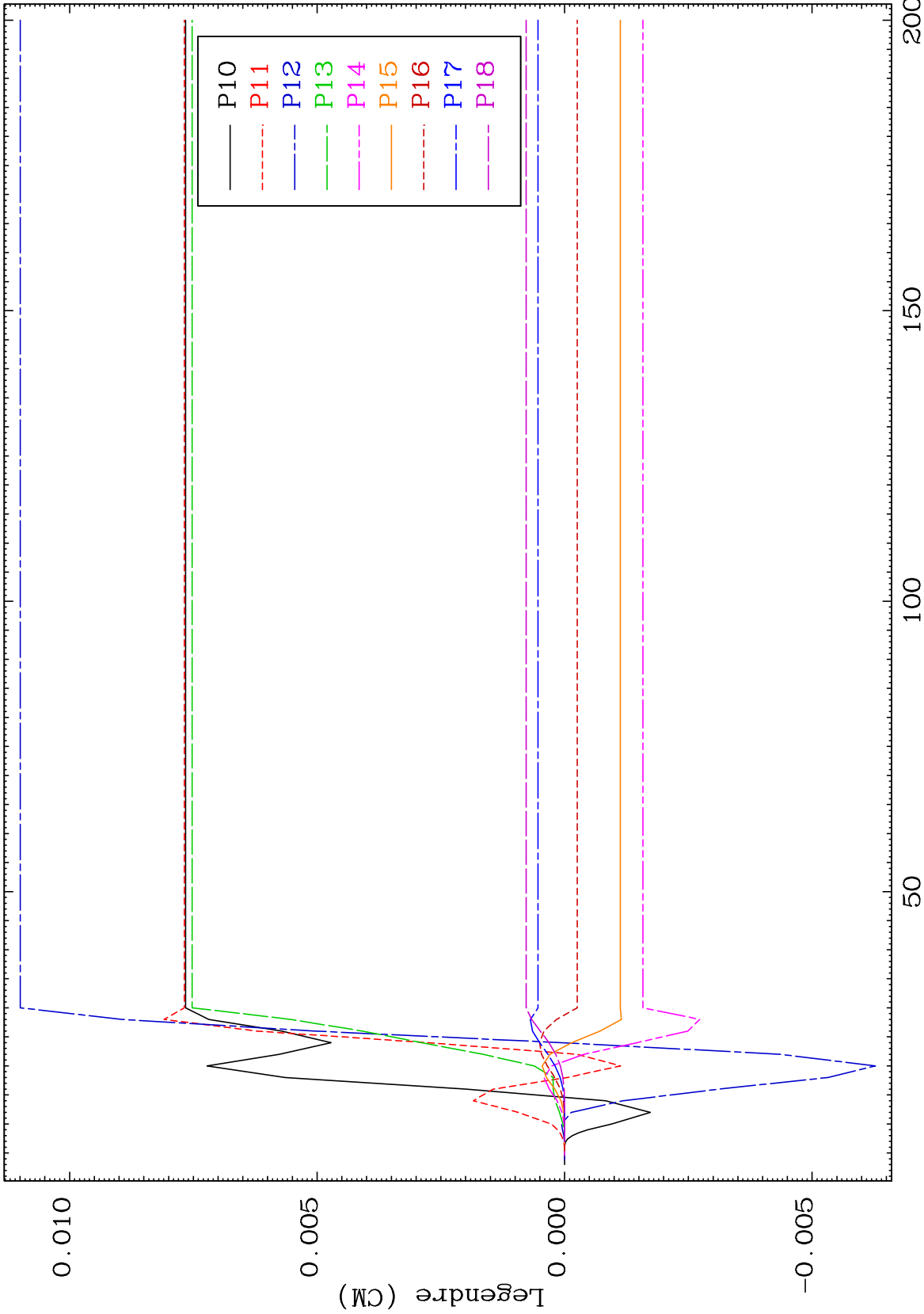


45 40-Zr-96

MAT 4043

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

40-Zr-96

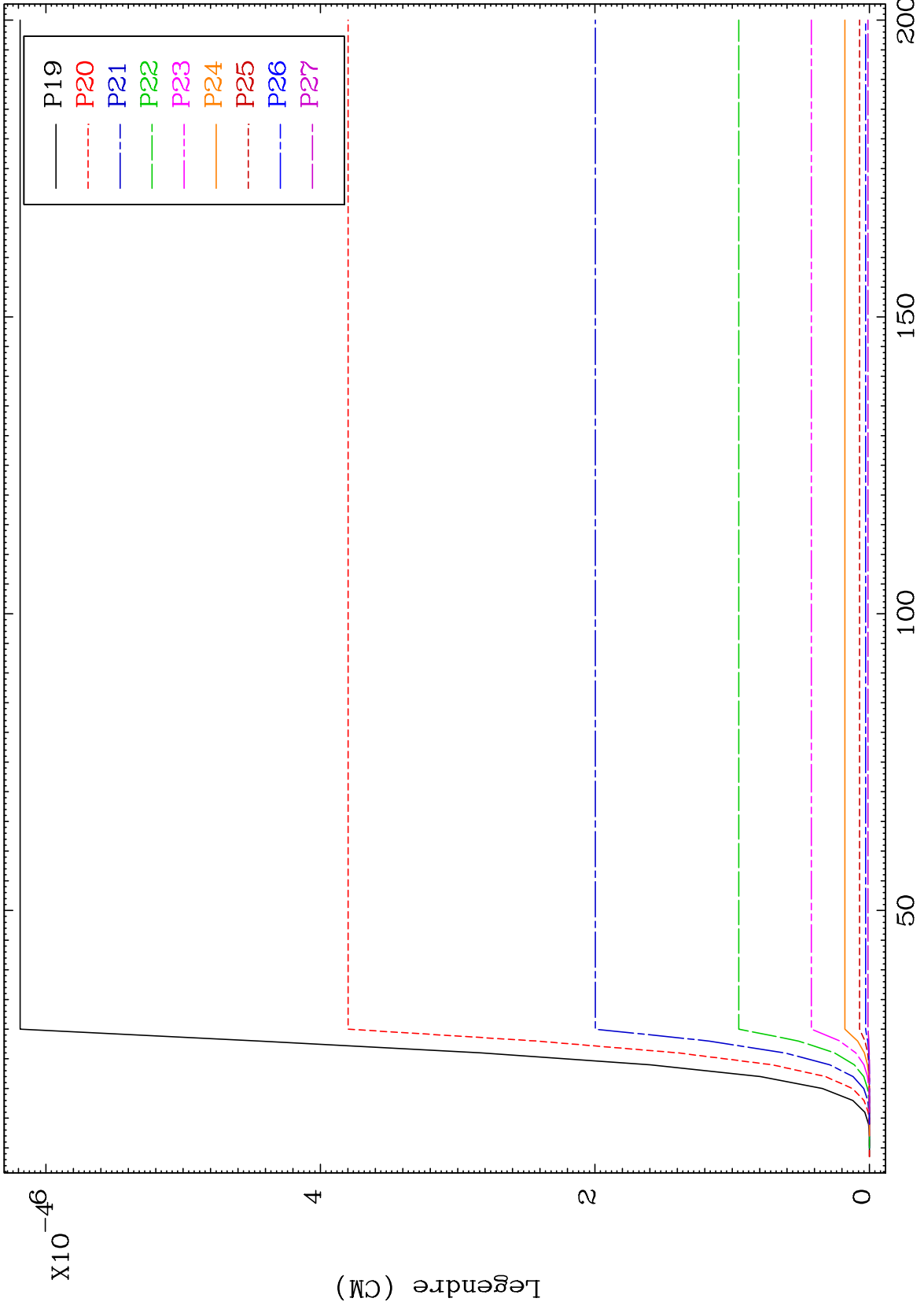


46

Incident Energy (MeV)

40-Zr-96

MAT 4043 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-96



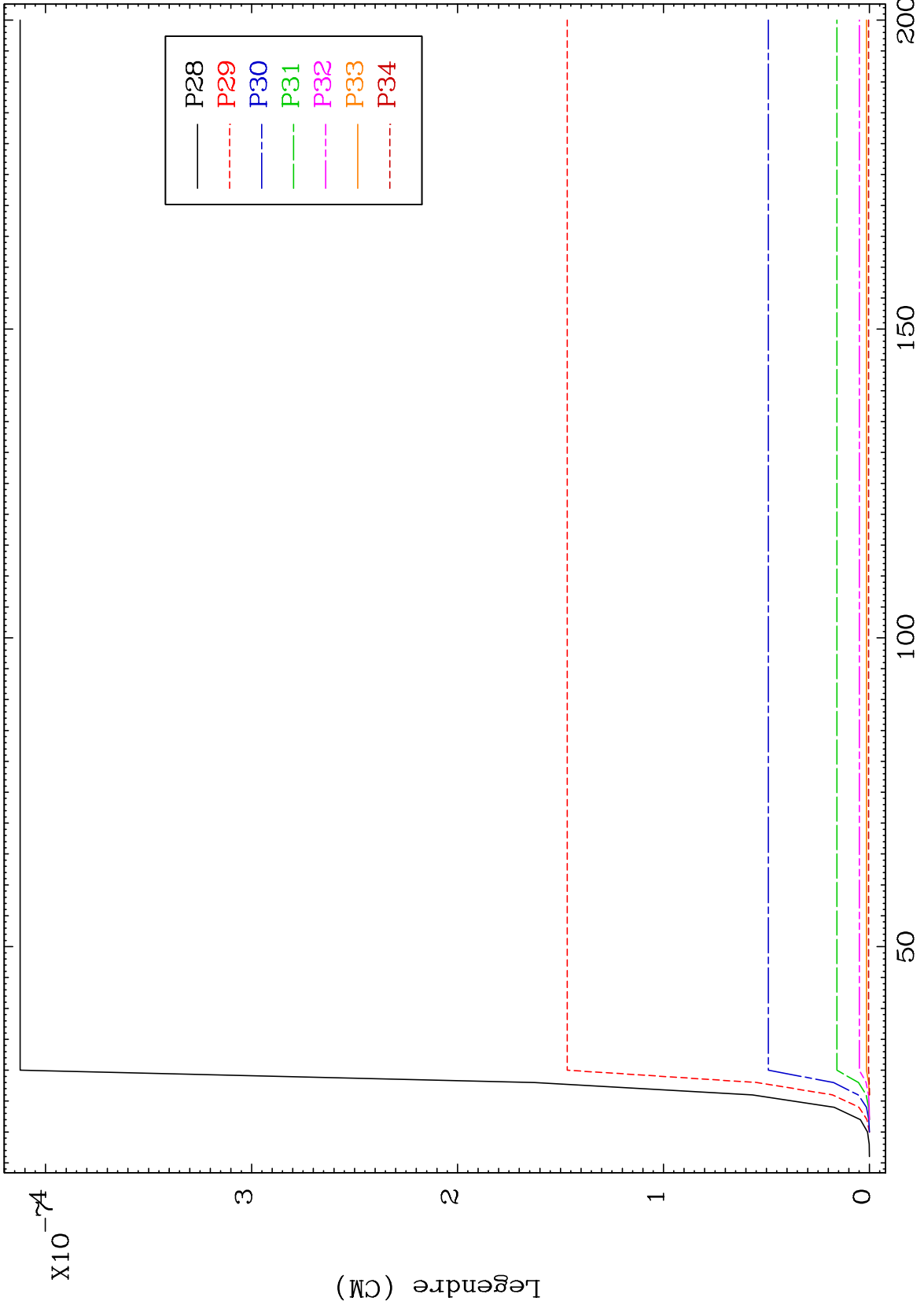
47 40-Zr-96



MAT 4043

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

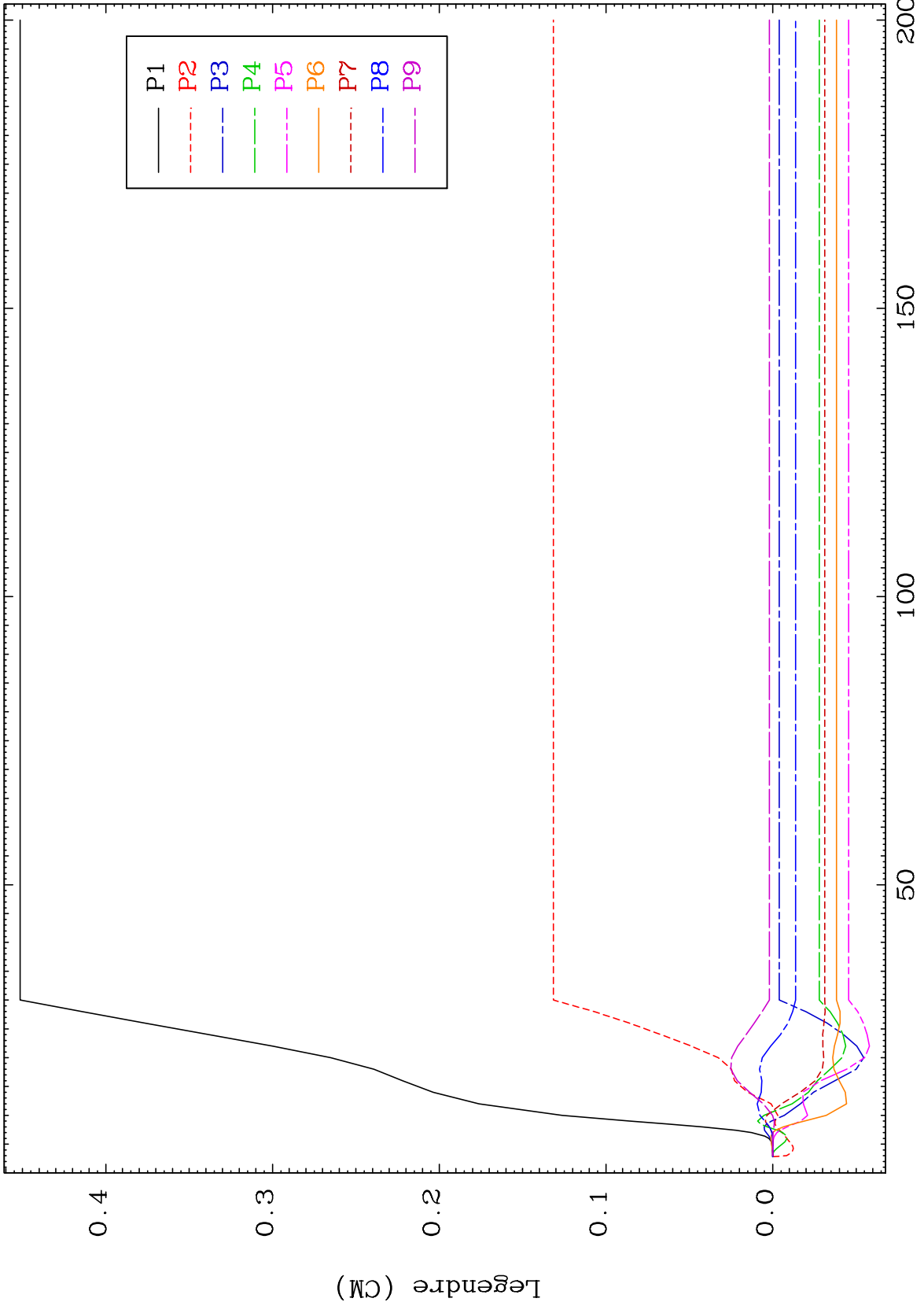
40-Zr-96



48

40-Zr-96

MAT 4043 MT= 59 (n,n') Level Legendre Coefficients 40-Zr-96

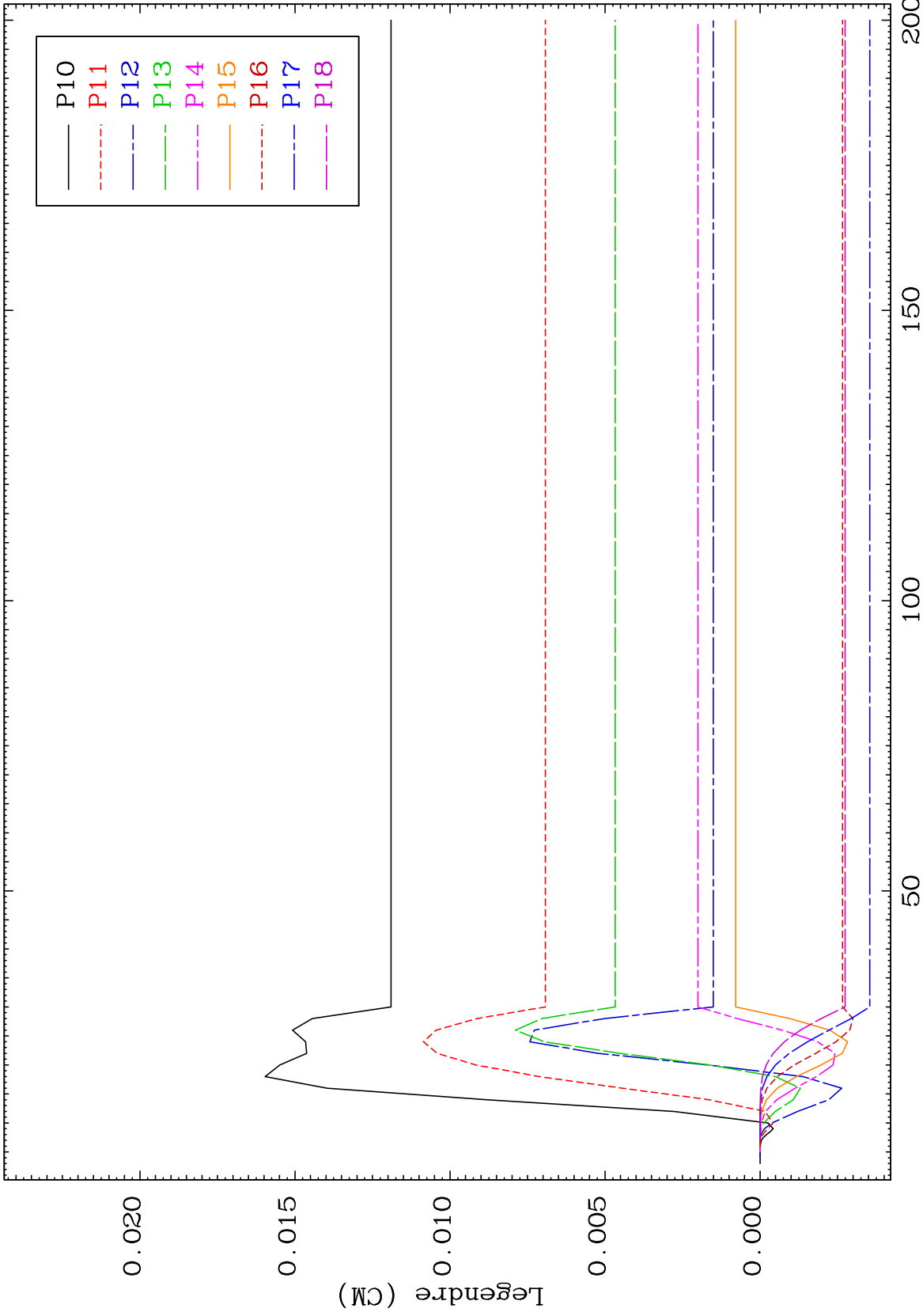


49 Incident Energy (MeV) 40-Zr-96

MAT 4043

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

40-Zr-96



50

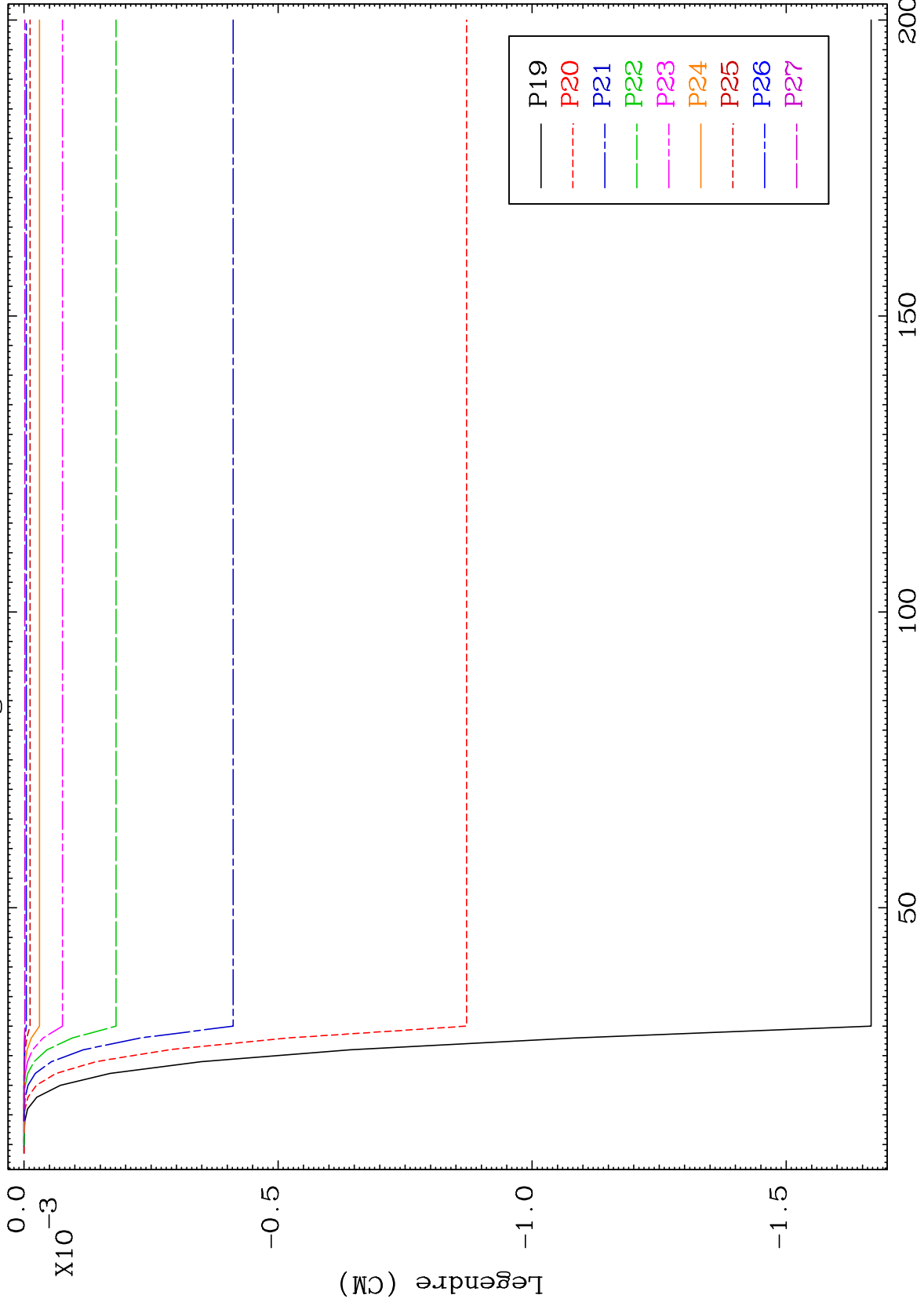
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96

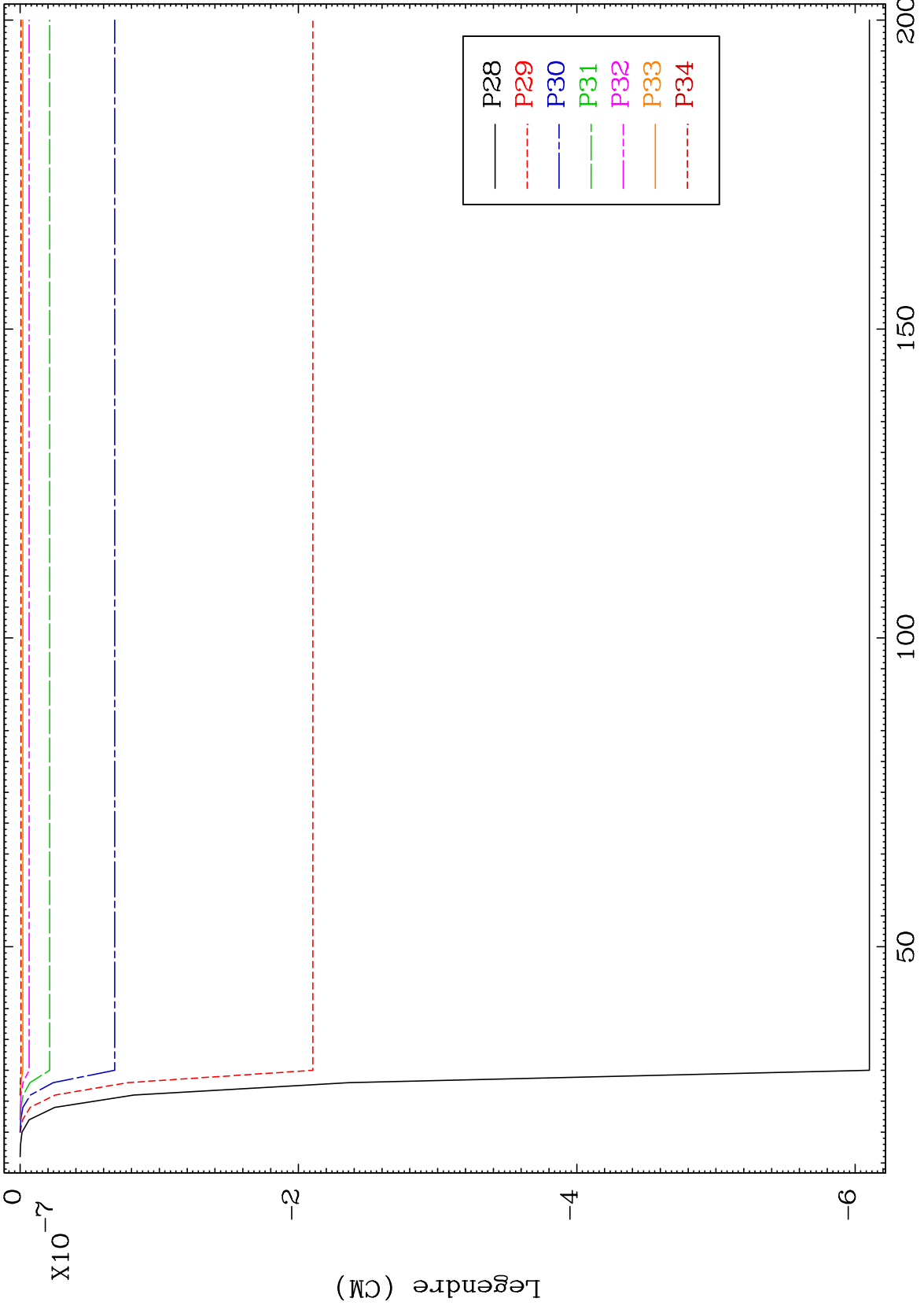


40-Zr-96

Incident Energy (MeV)

51

MAT 4043 MT= 59 (n,n') Level Legendre Coefficients 40-Zr-96



52 Incident Energy (MeV) 40-Zr-96

MAT 4043 MT= 60 (n,n') Level Legendre Coefficients 40-Zr-96

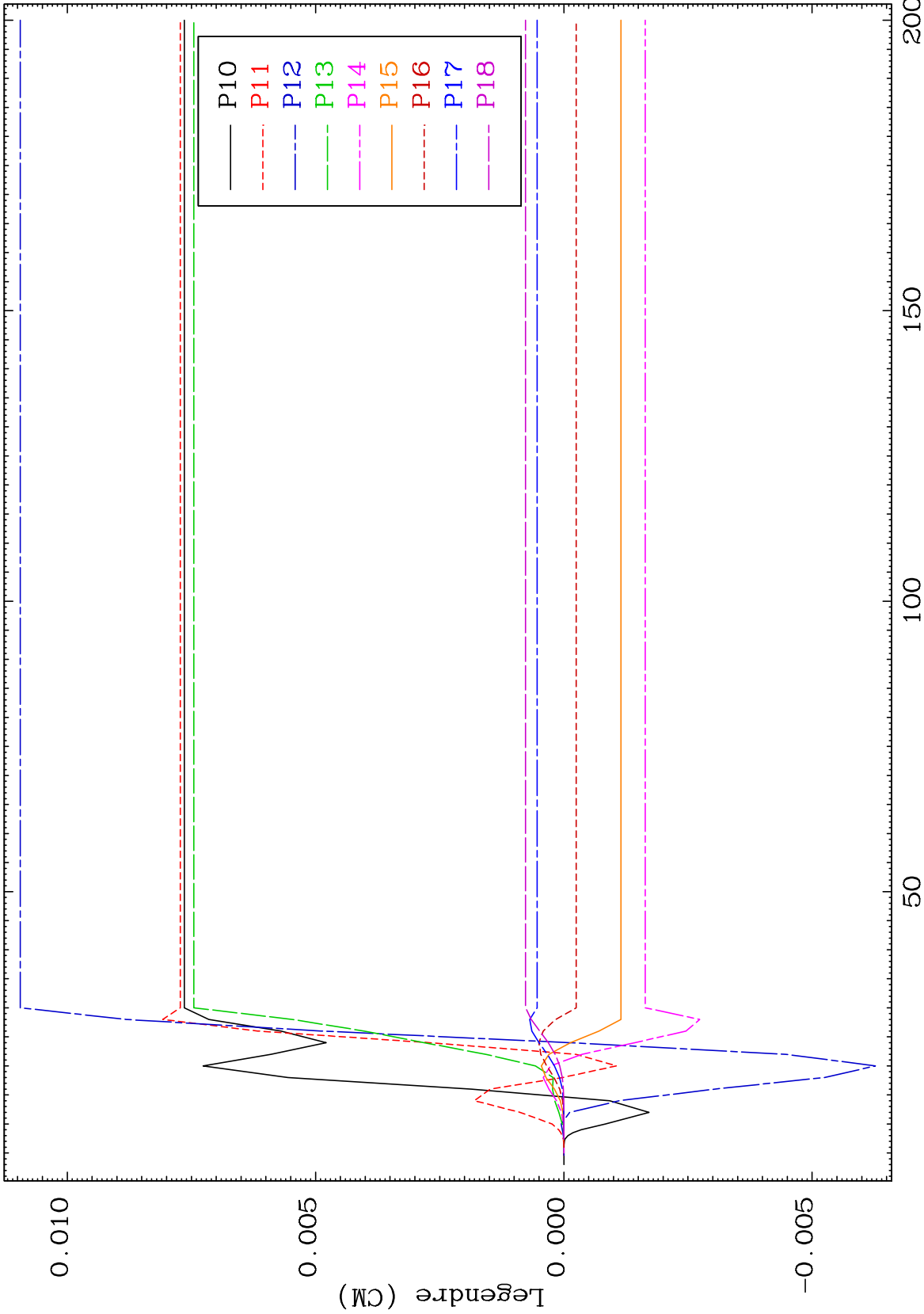


53 Incident Energy (MeV) 40-Zr-96

MAT 4043

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

40-Zr-96



54

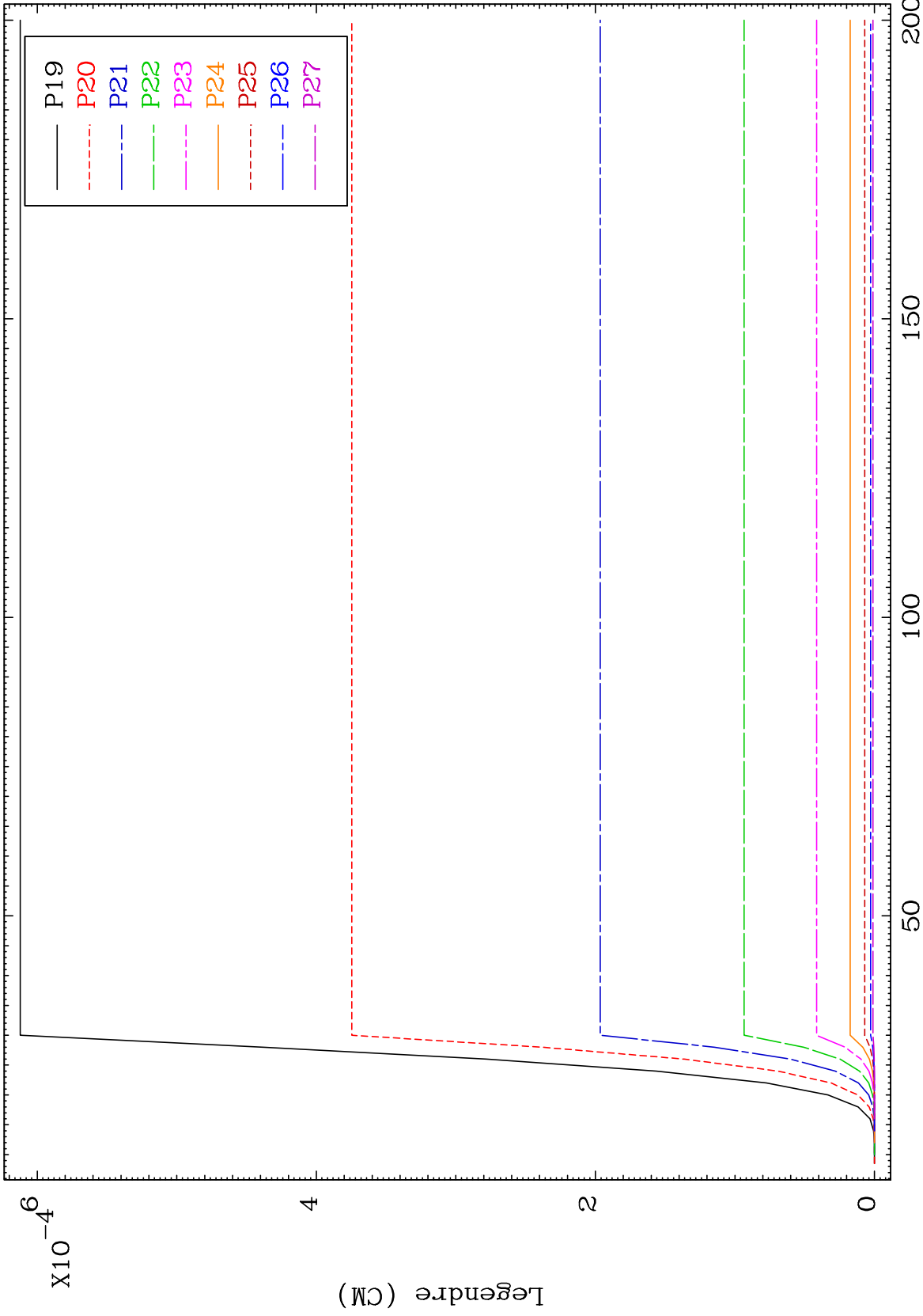
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



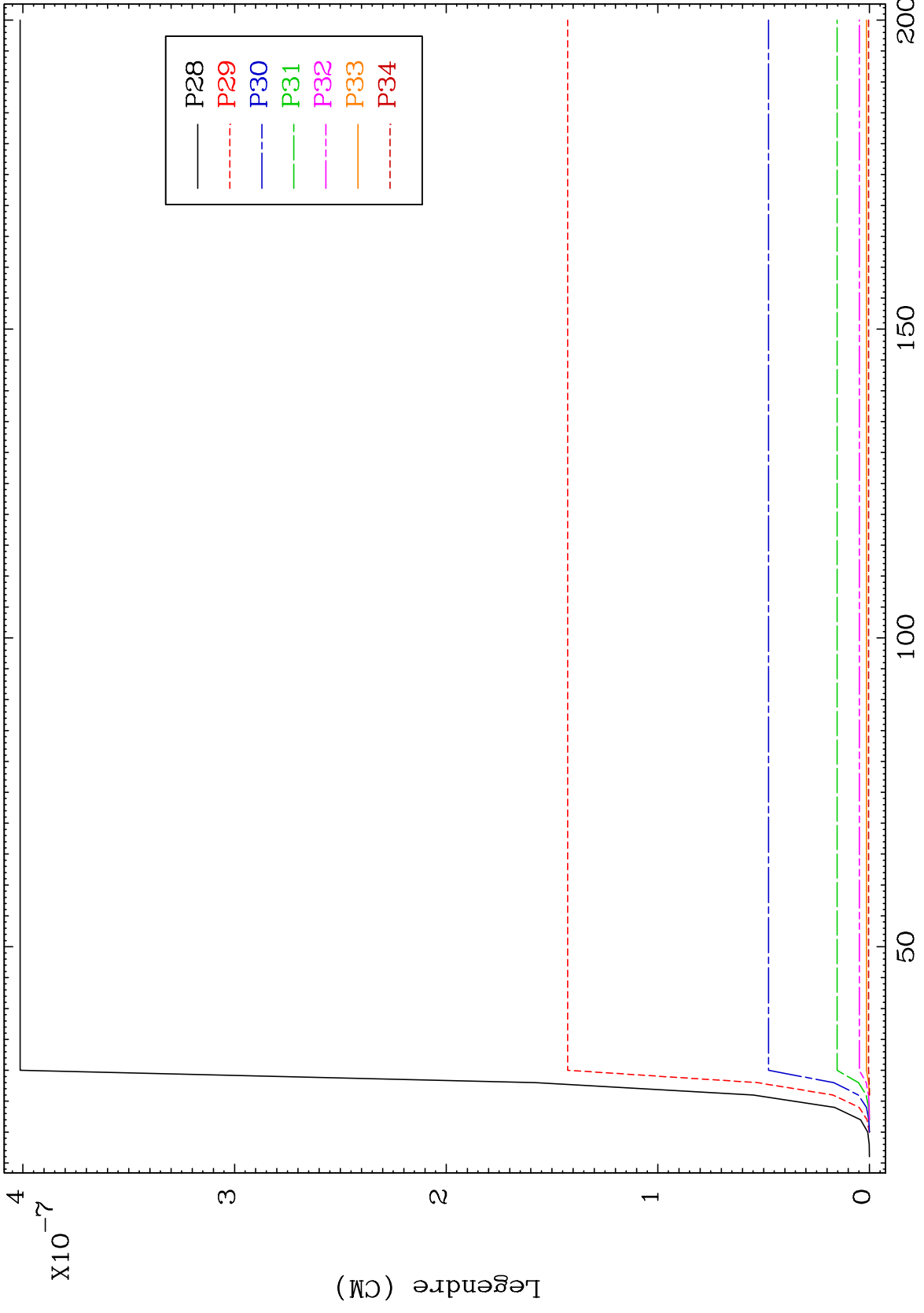
40-Zr-96

Incident Energy (MeV)

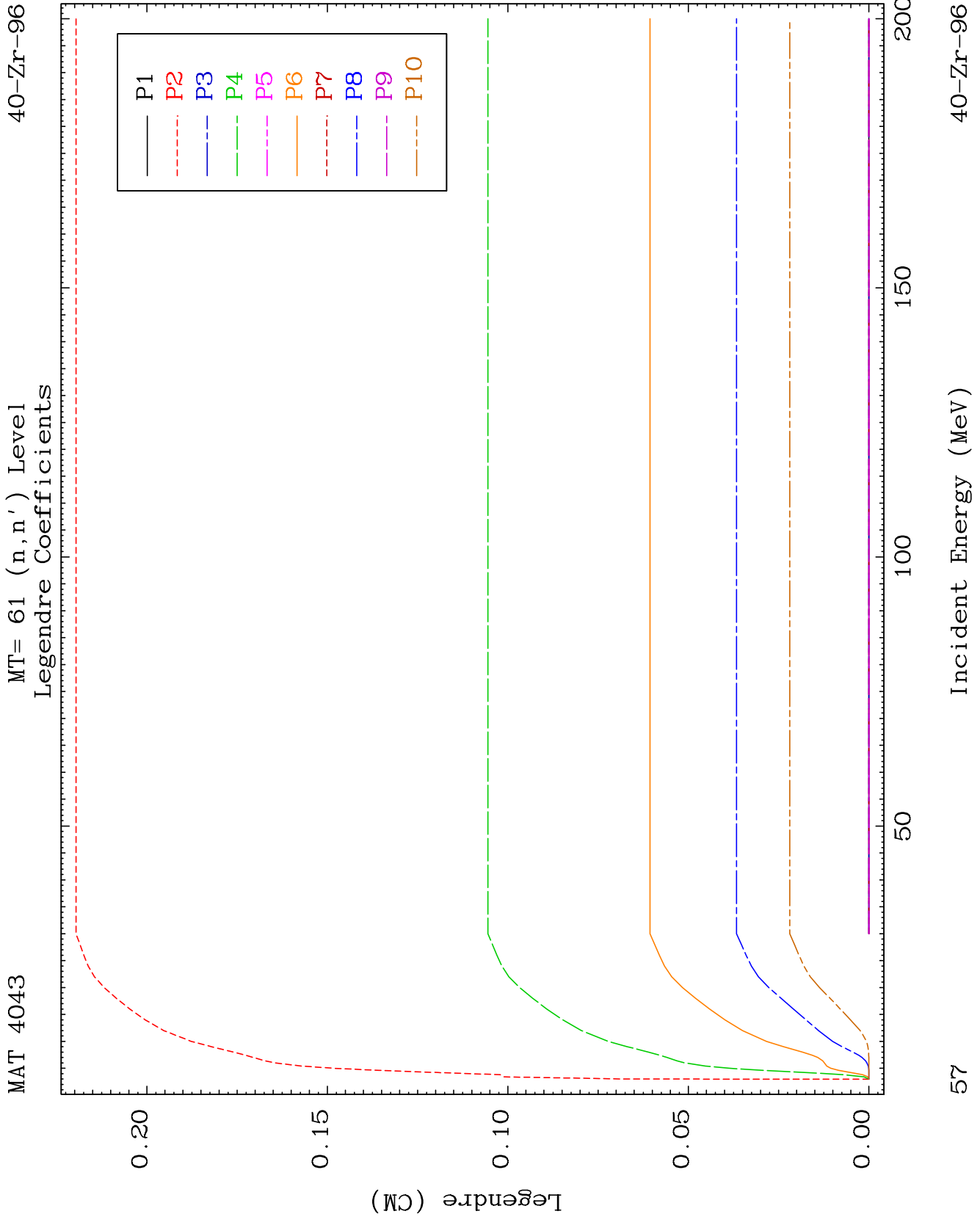
55



MAT 4043 MT= 60 (n,n') Level Legendre Coefficients 40-Zr-96

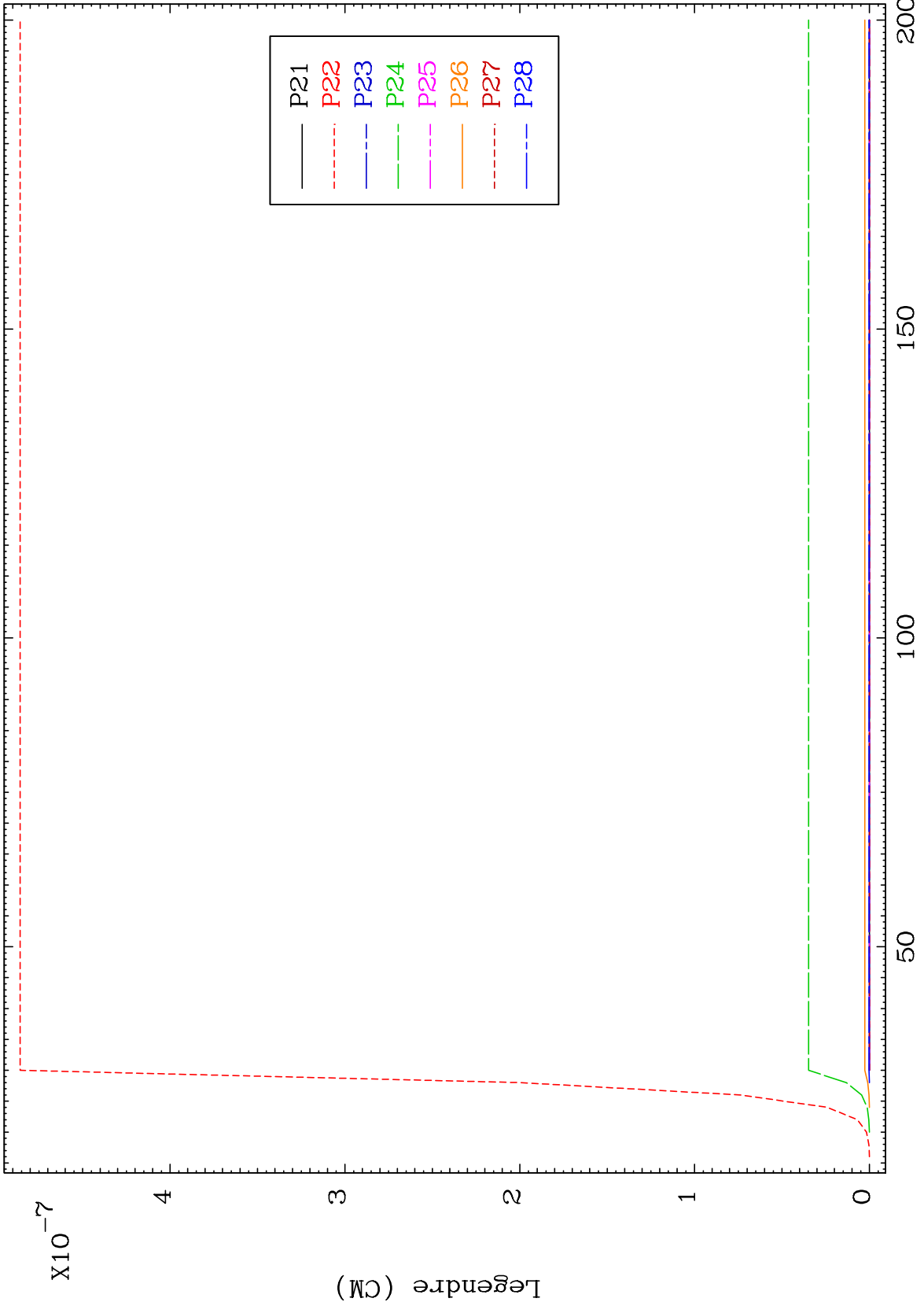


56 40-Zr-96





MAT 4043 MT= 61 (n,n') Level Legendre Coefficients 40-Zr-96



59 Incident Energy (MeV) 40-Zr-96

MAT 4043

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

40-Zr-96



60

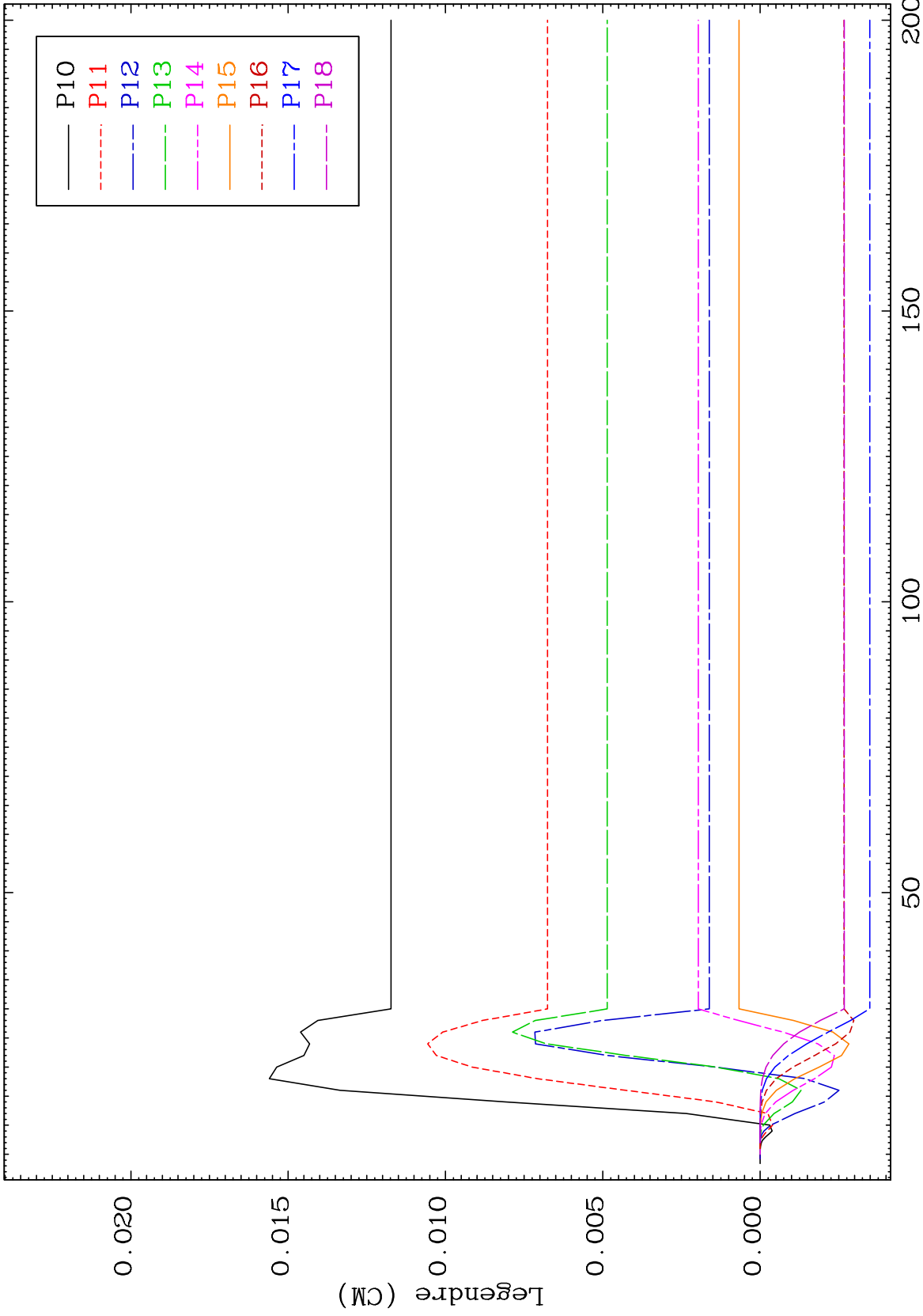
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



61

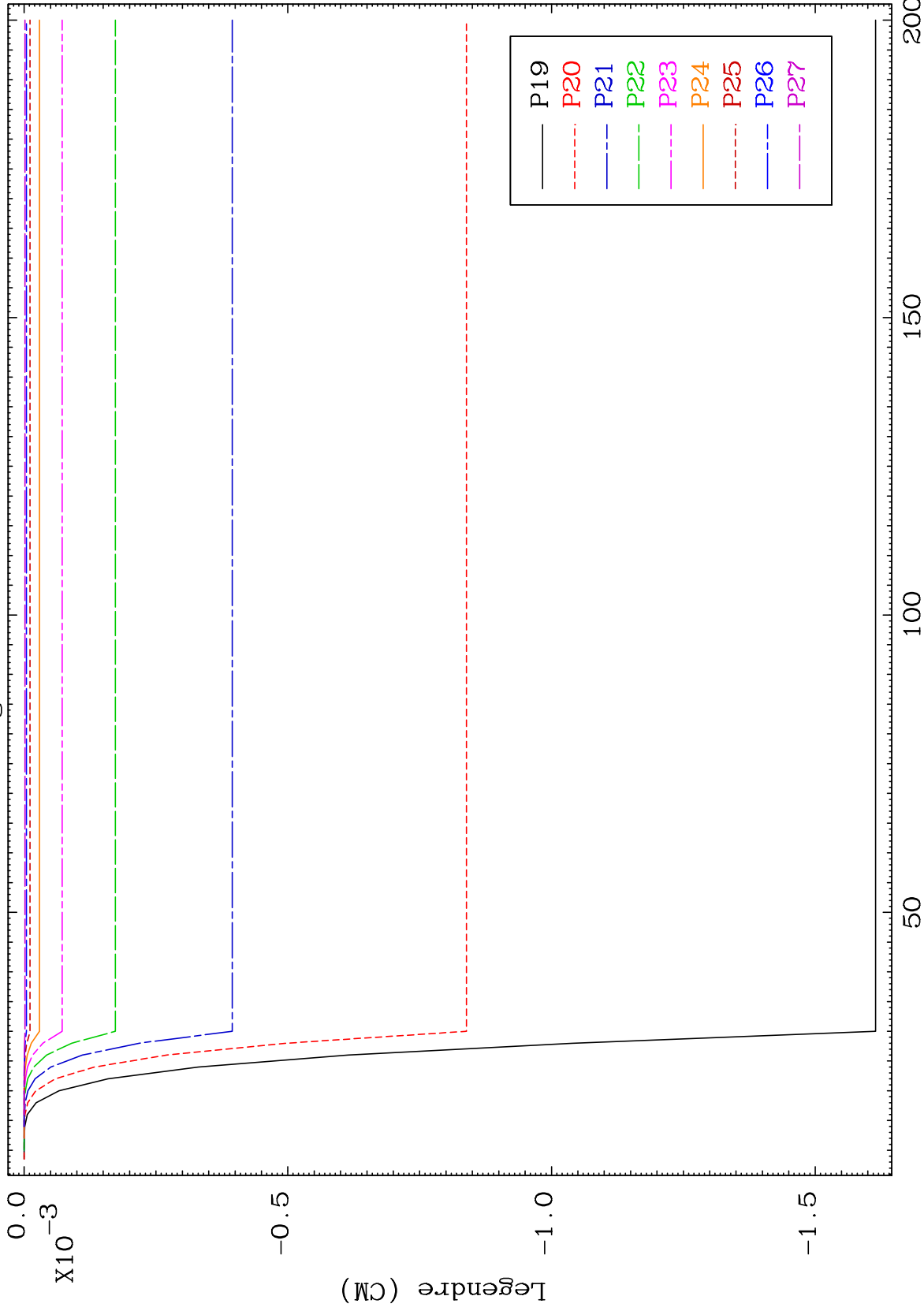
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96

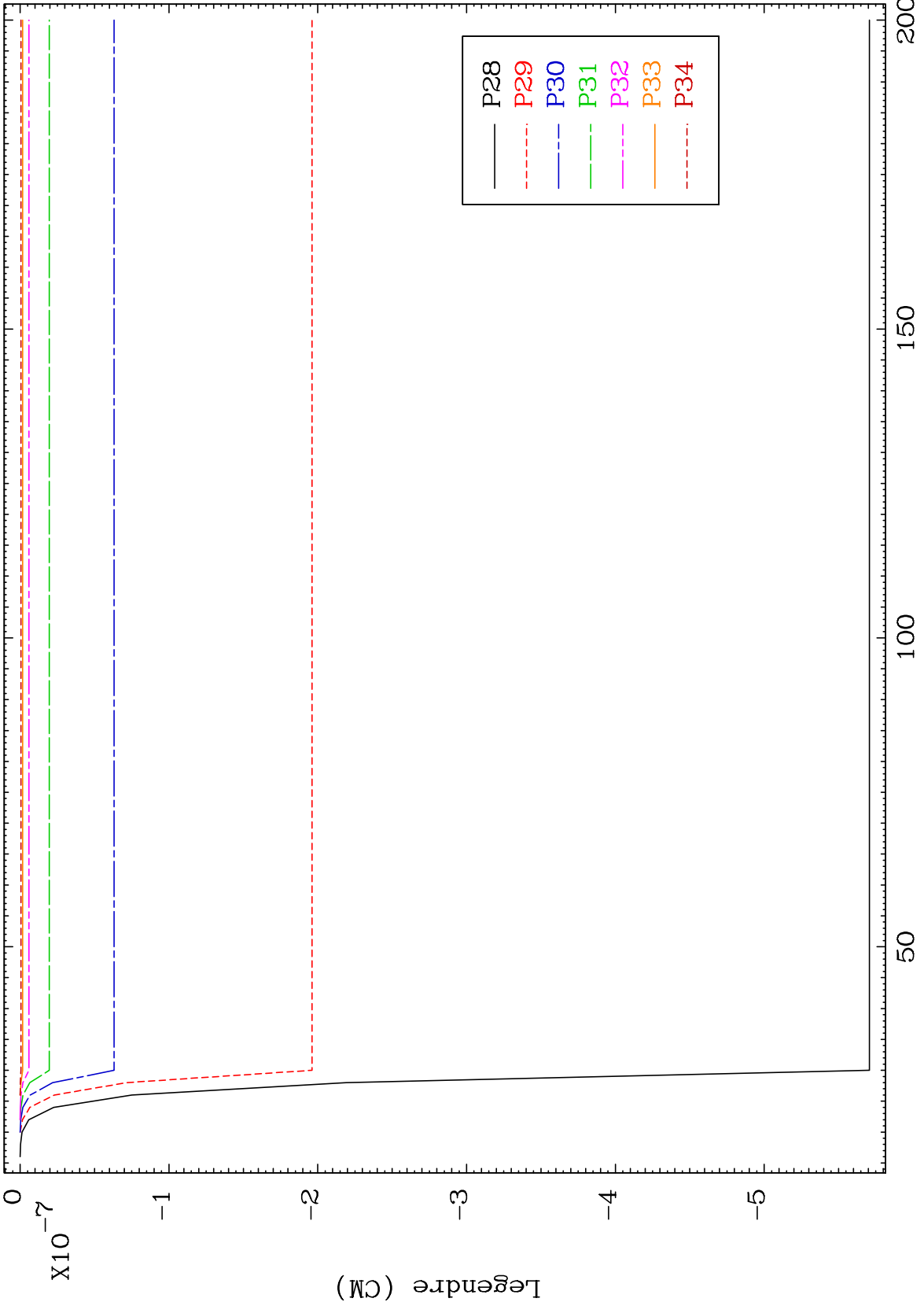


40-Zr-96

Incident Energy (MeV)

62

MAT 4043 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-96

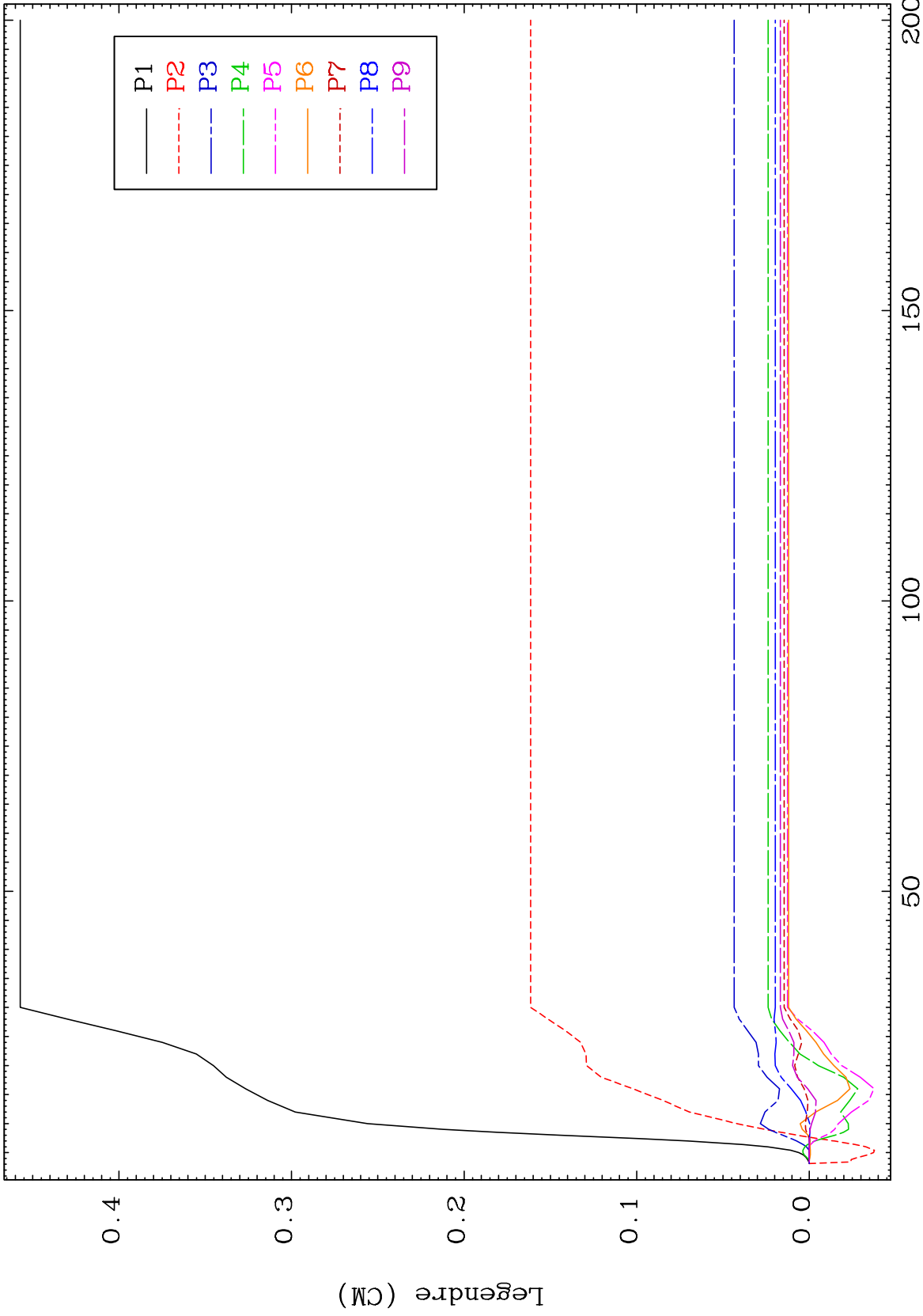




MAT 4043

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

40-Zr-96



64

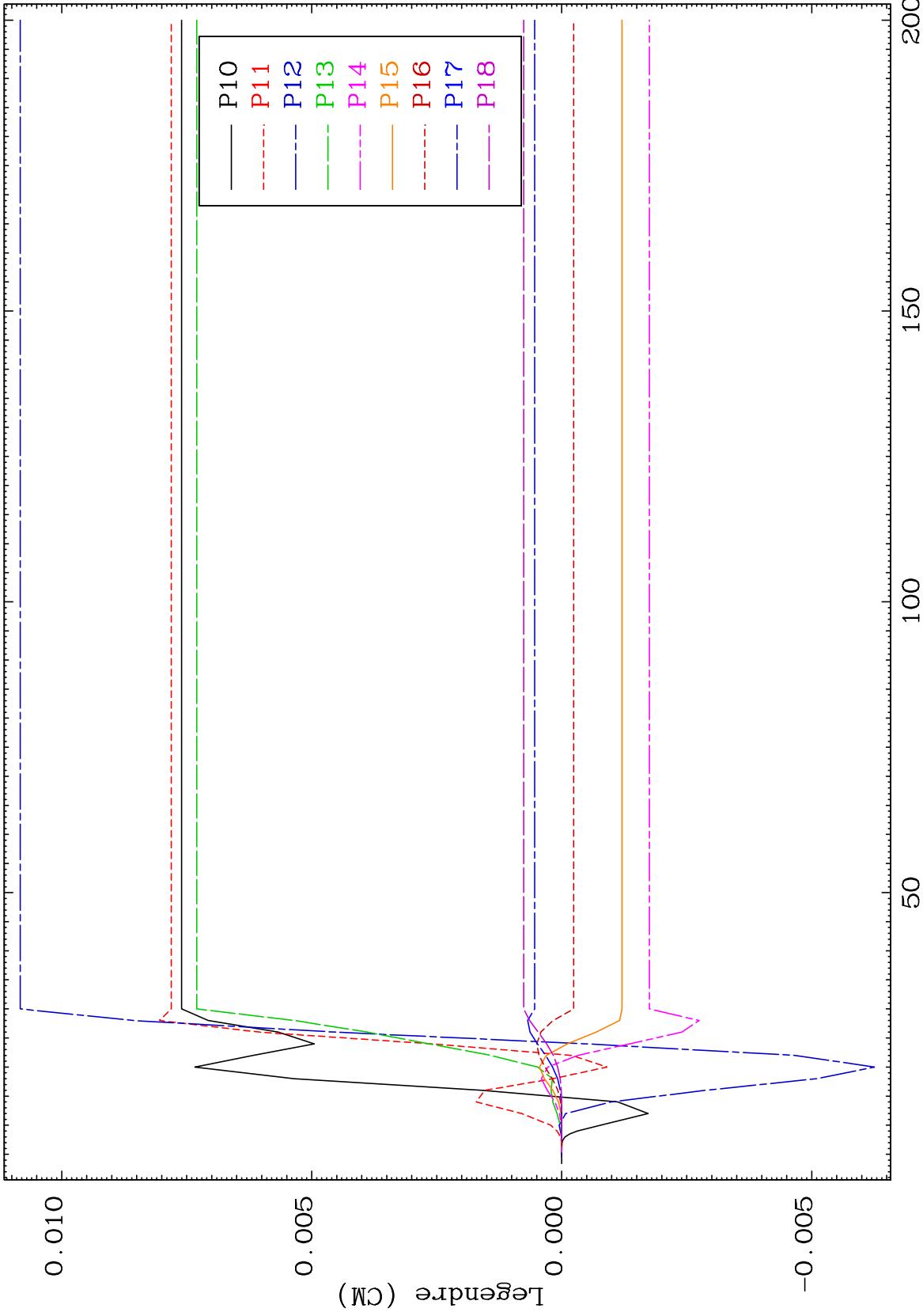
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



65

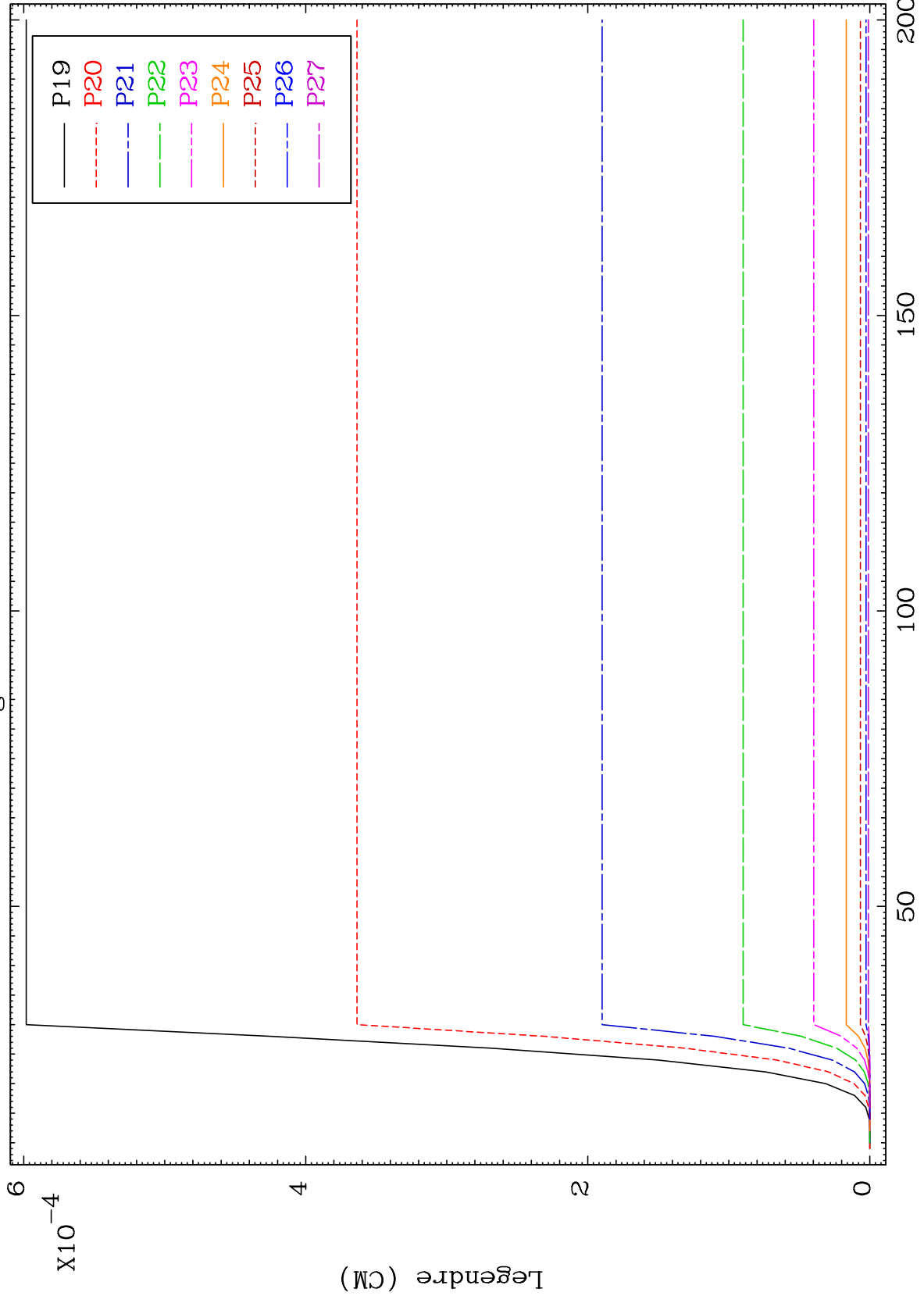
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



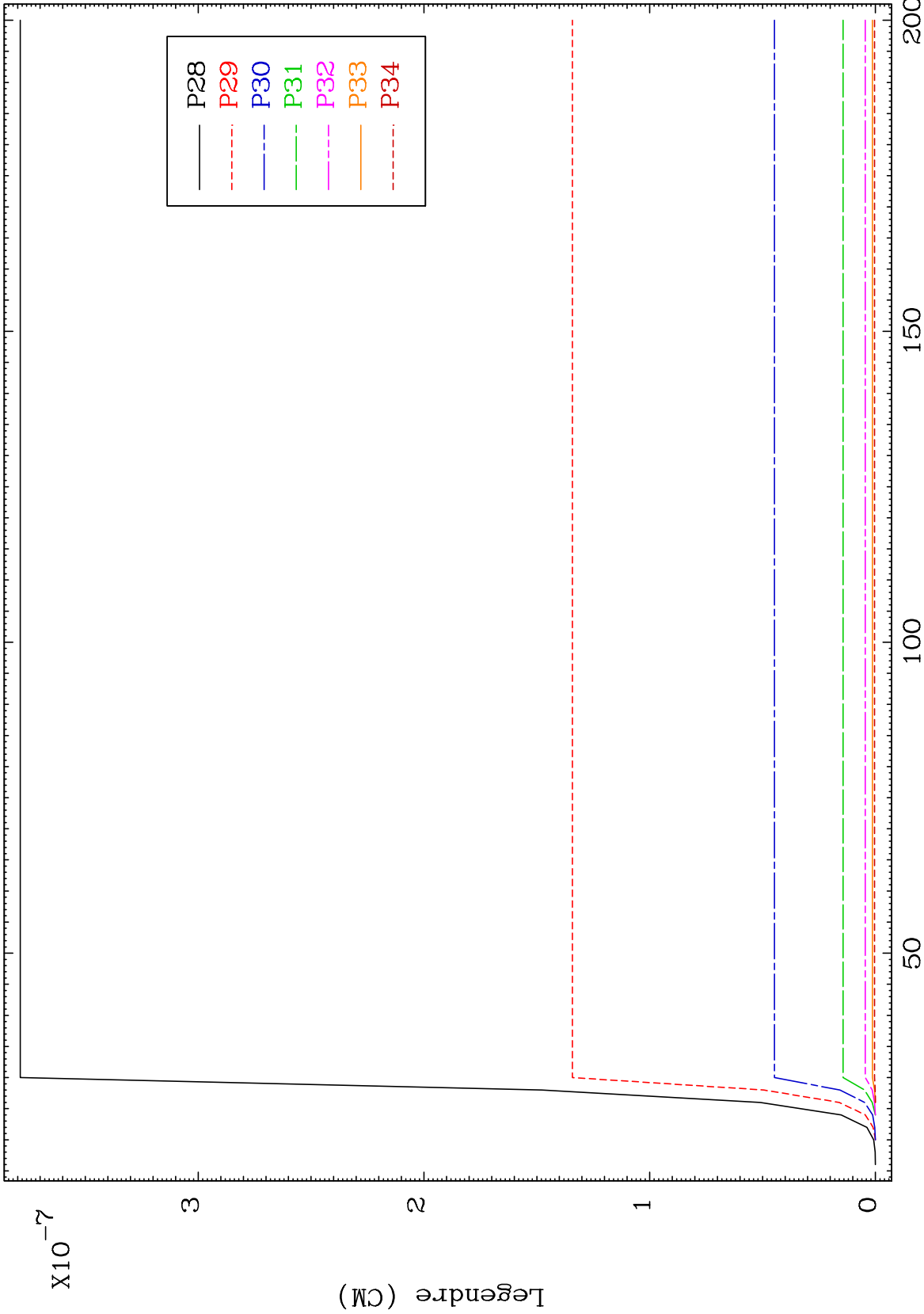
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40-Zr-96

MAT 4043

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

40-Zr-96



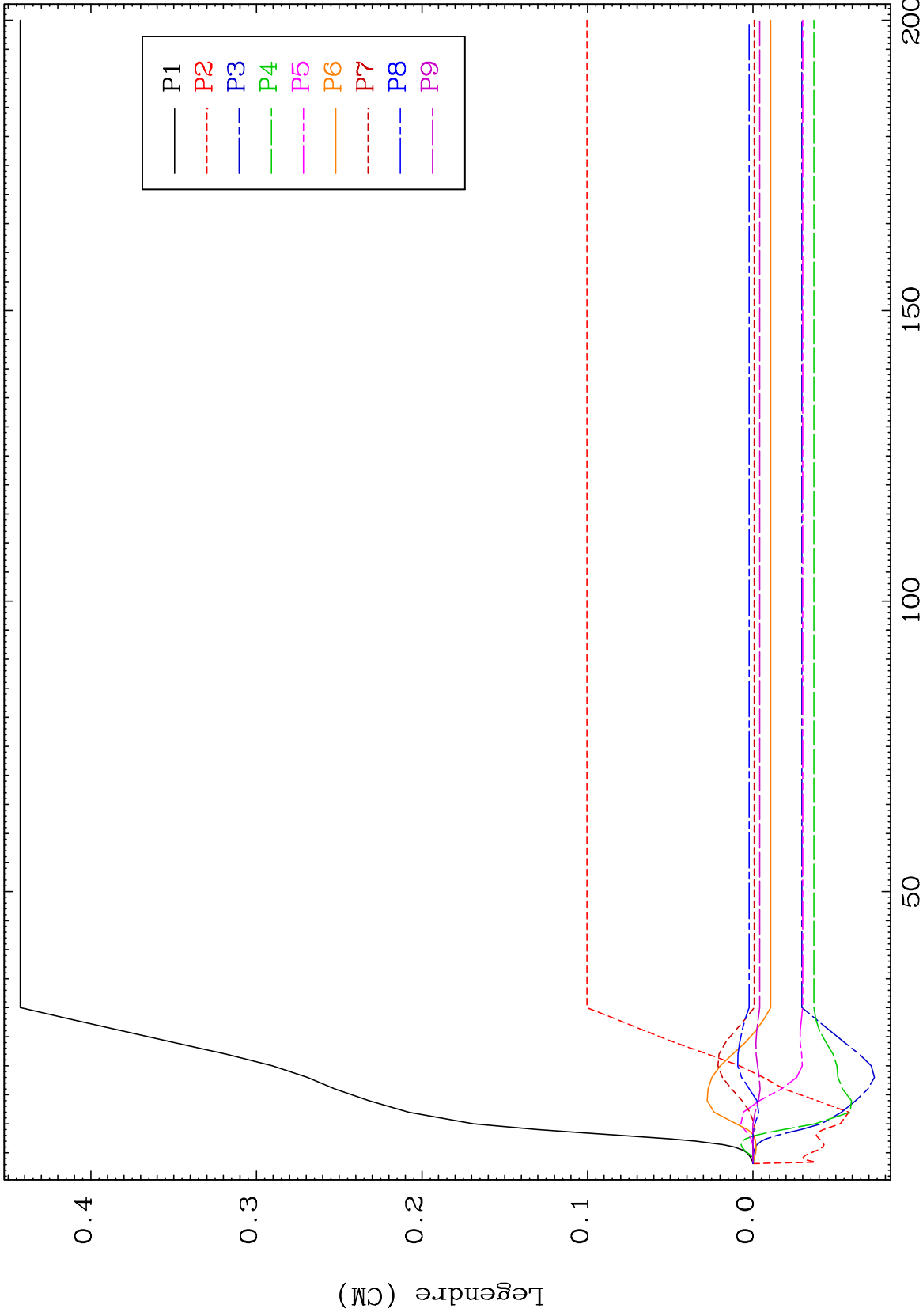
67

40-Zr-96

MAT 4043

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

40-Zr-96



68

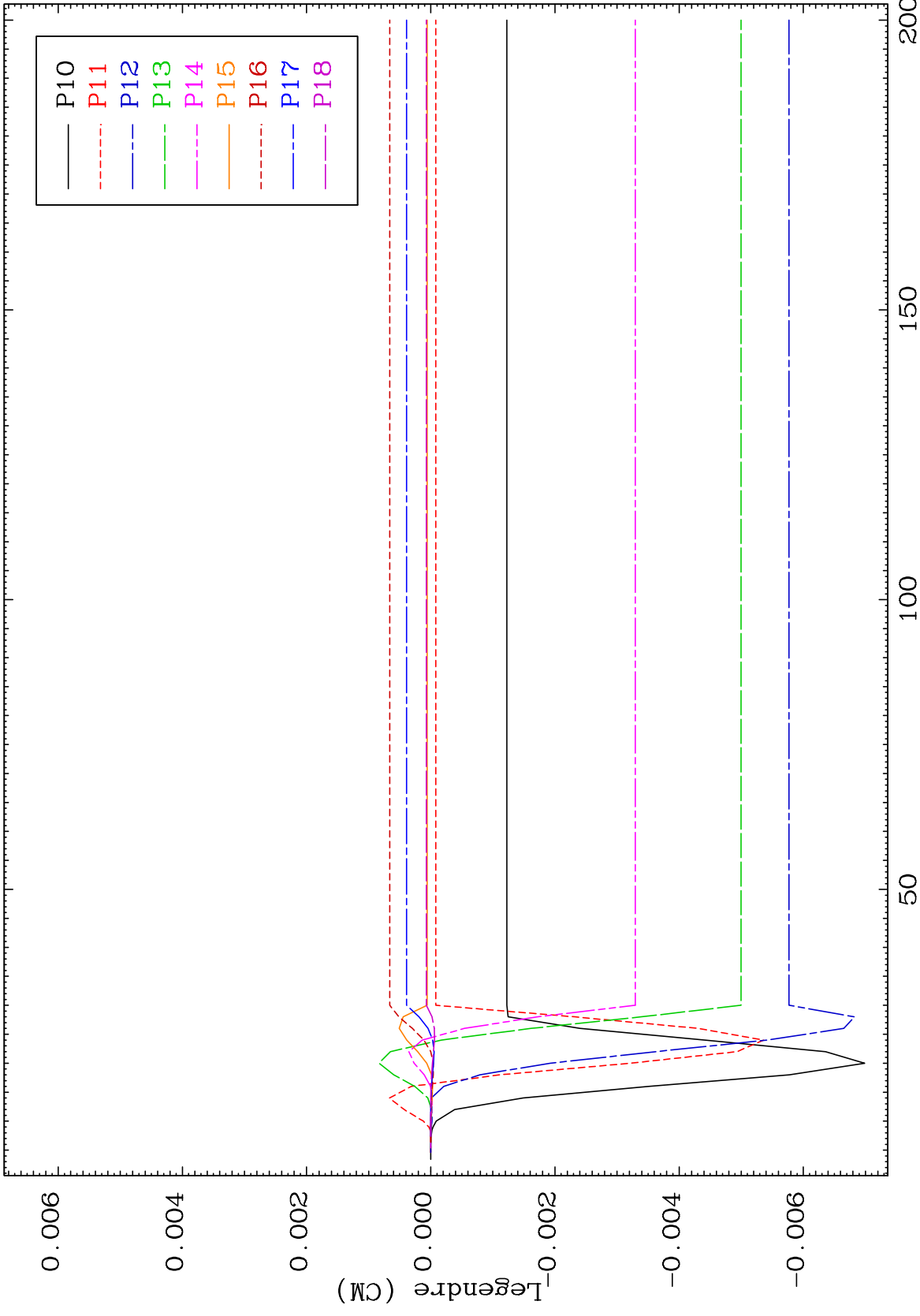
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

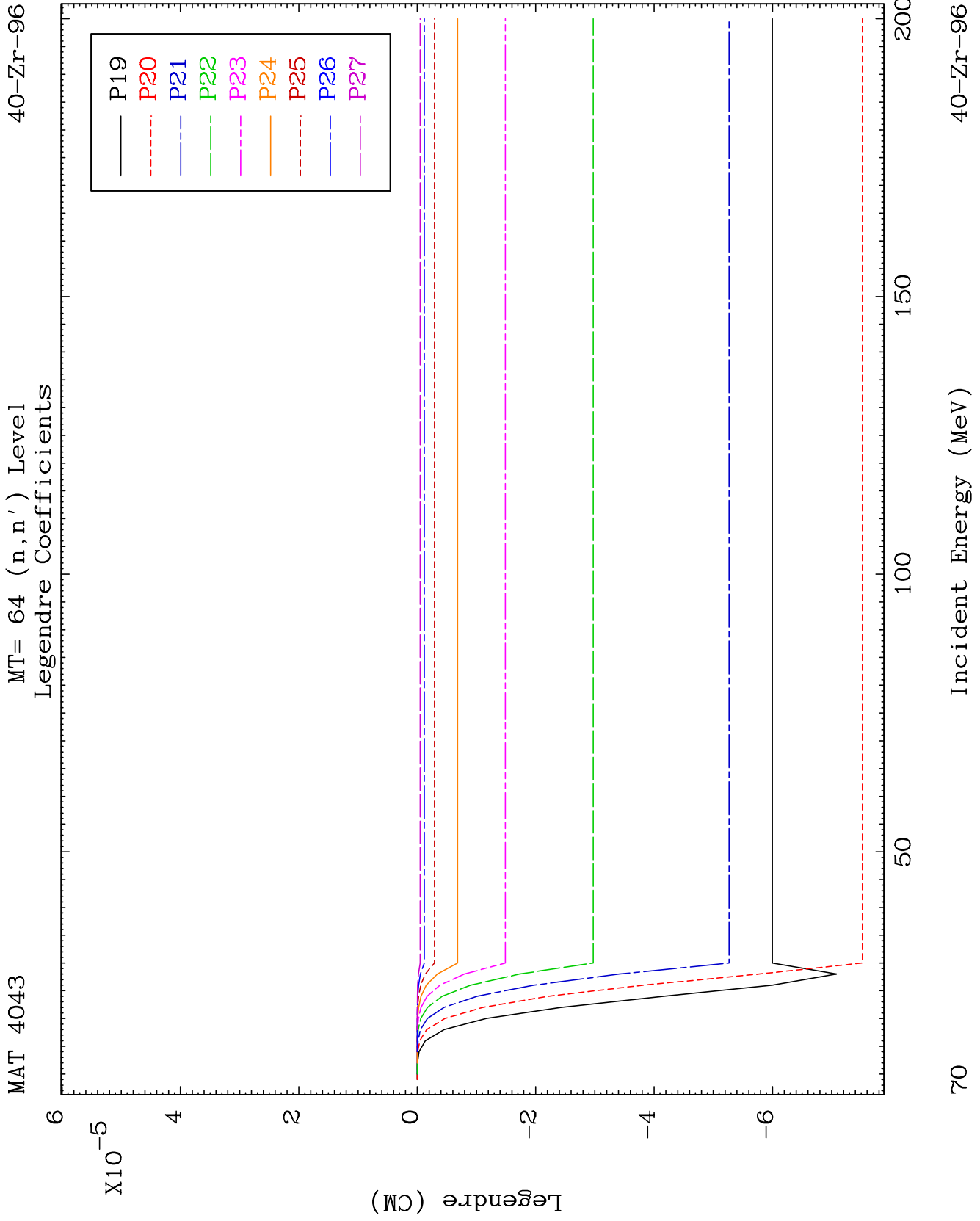
40-Zr-96



69

Incident Energy (MeV)

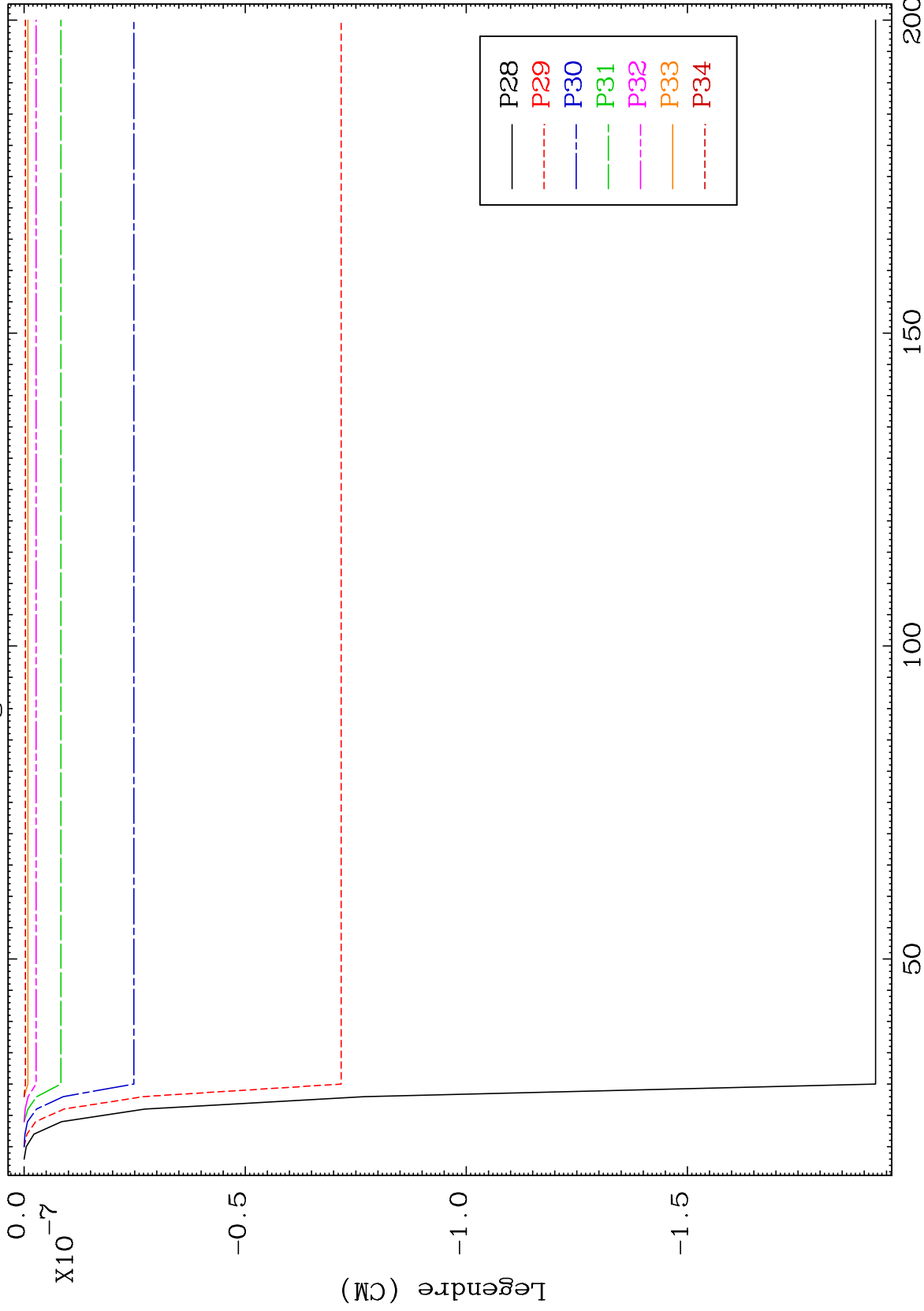
40-Zr-96



MAT 4043

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

40-Zr-96



71

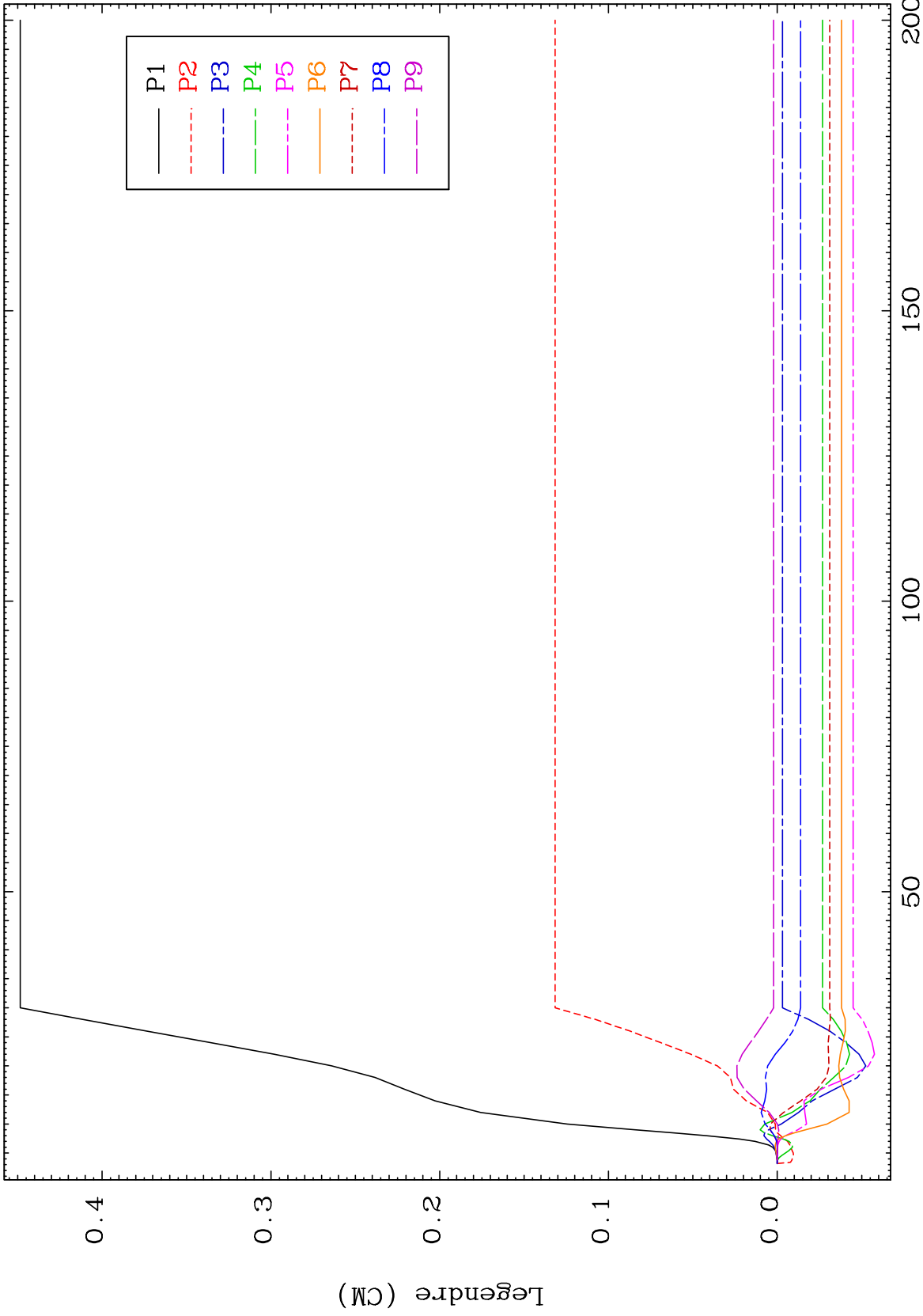
40-Zr-96



MAT 4043

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

40-Zr-96



72

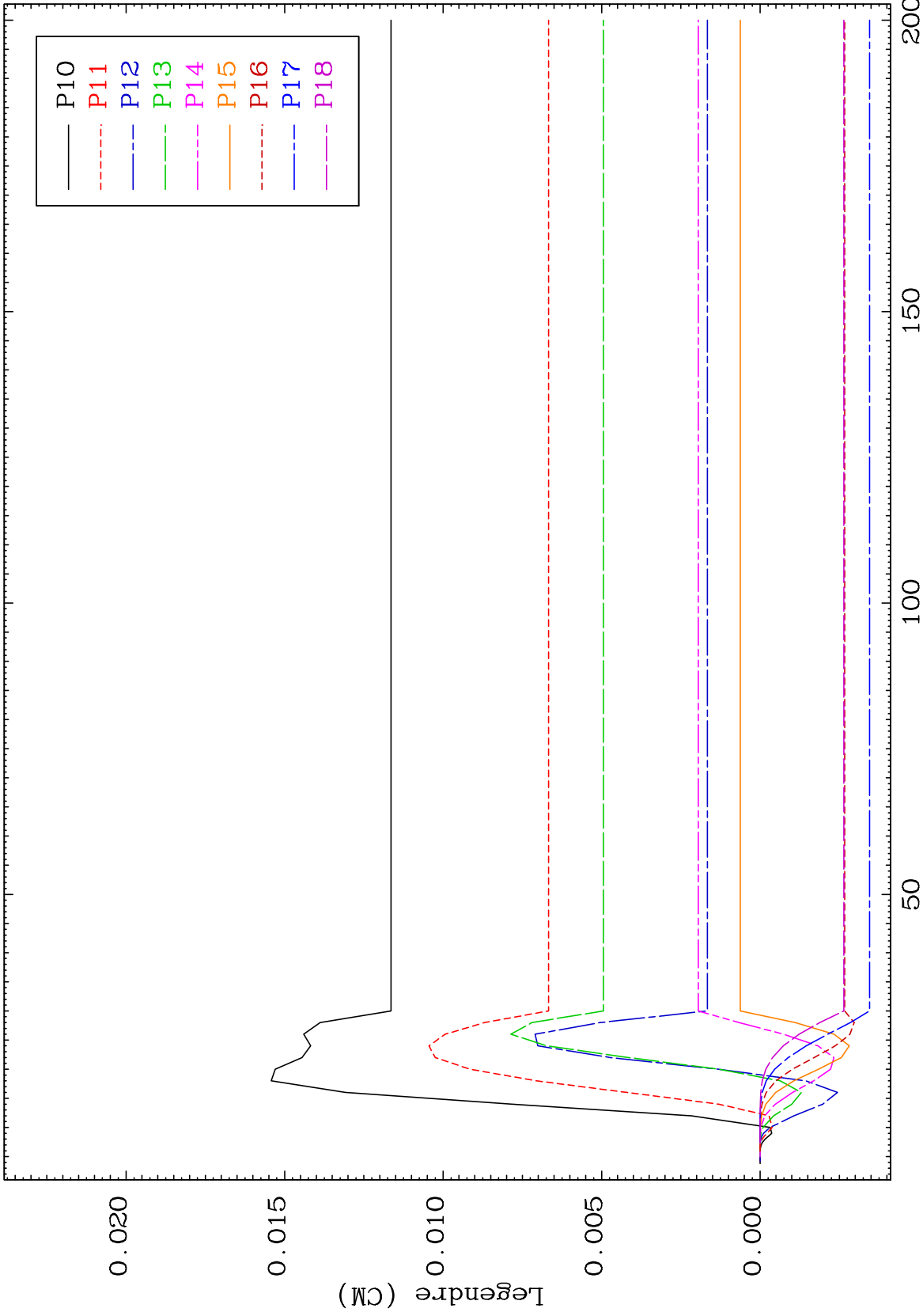
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



73

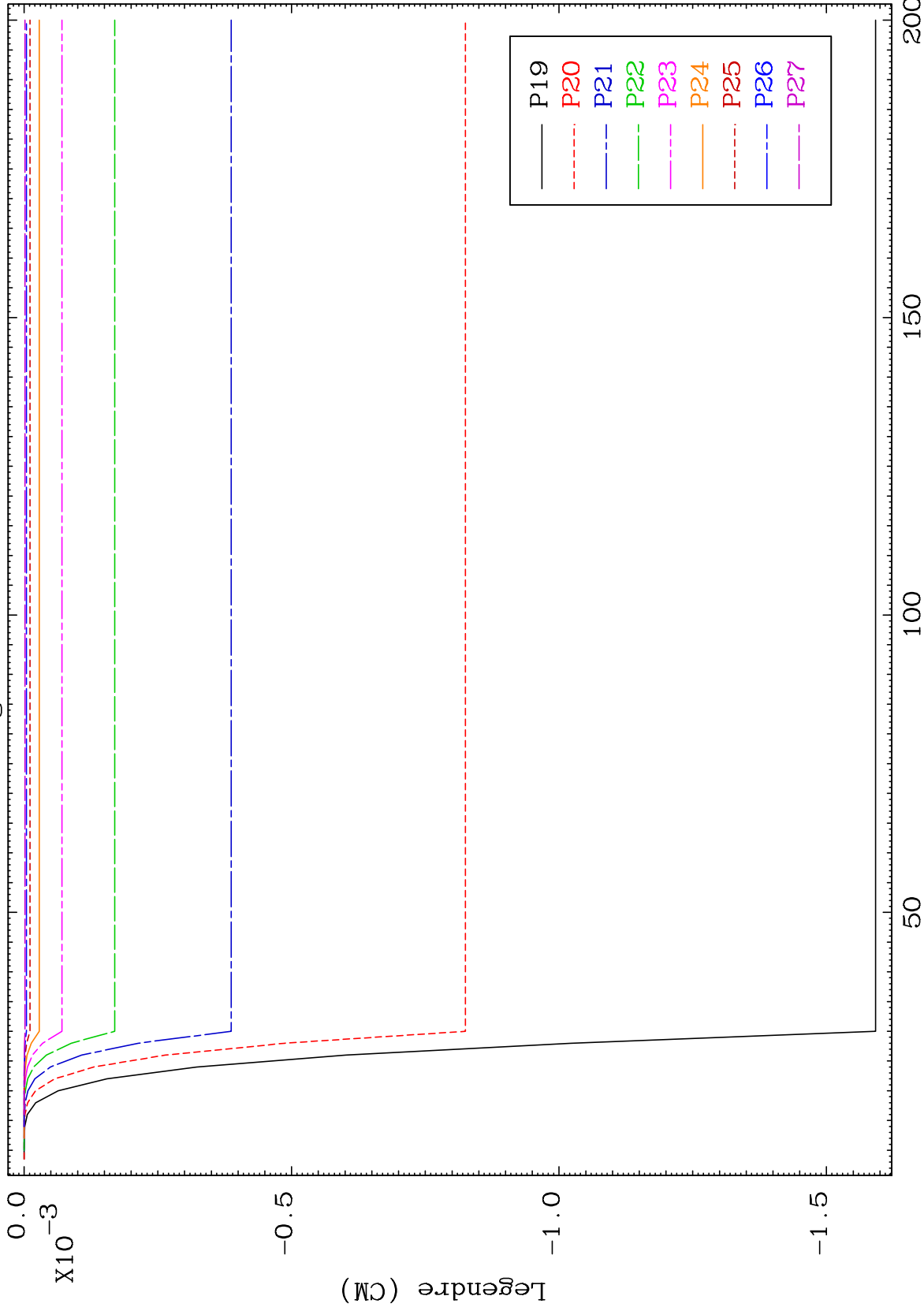
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96

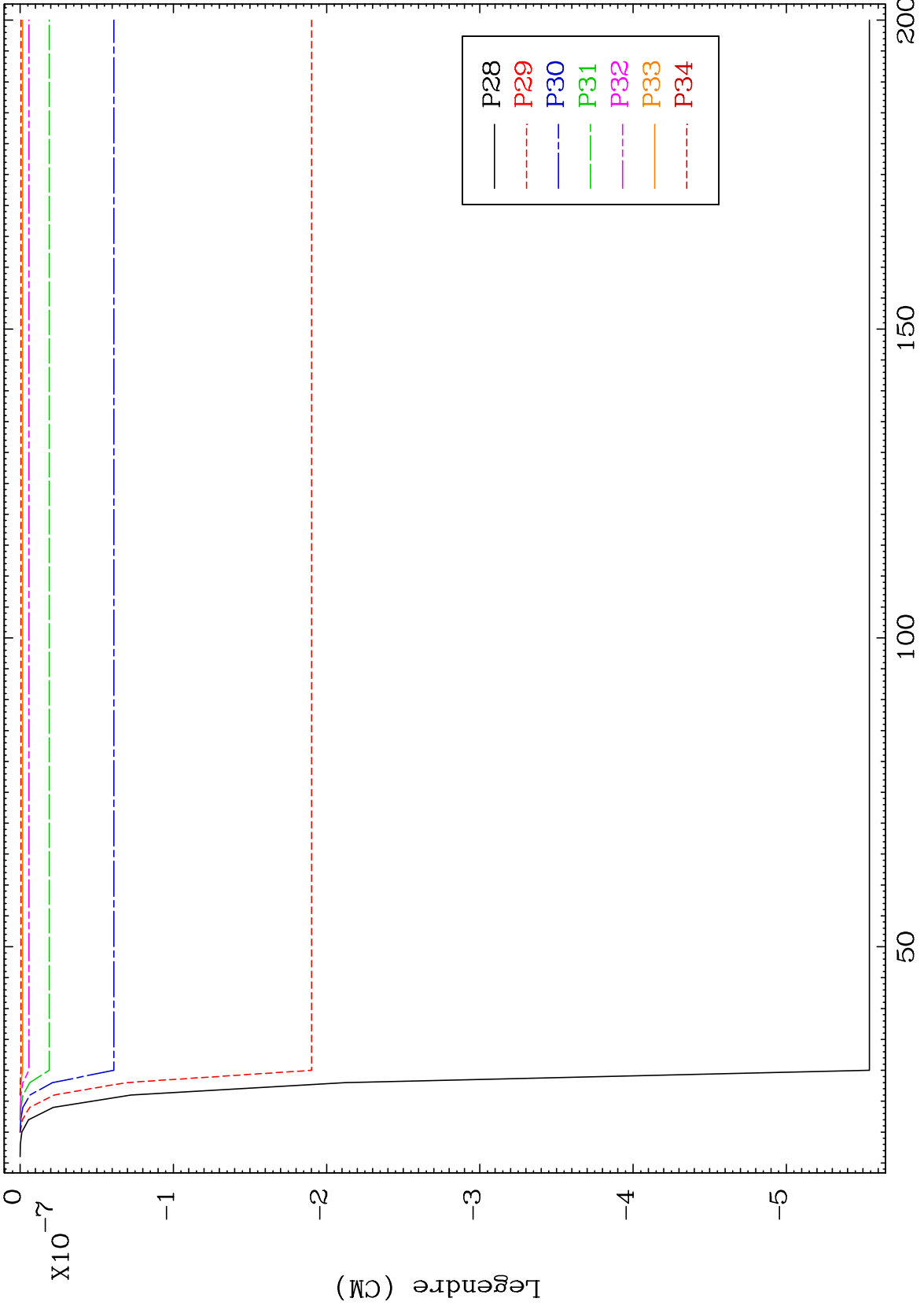


74

Incident Energy (MeV)

40-Zr-96

MAT 4043 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-96

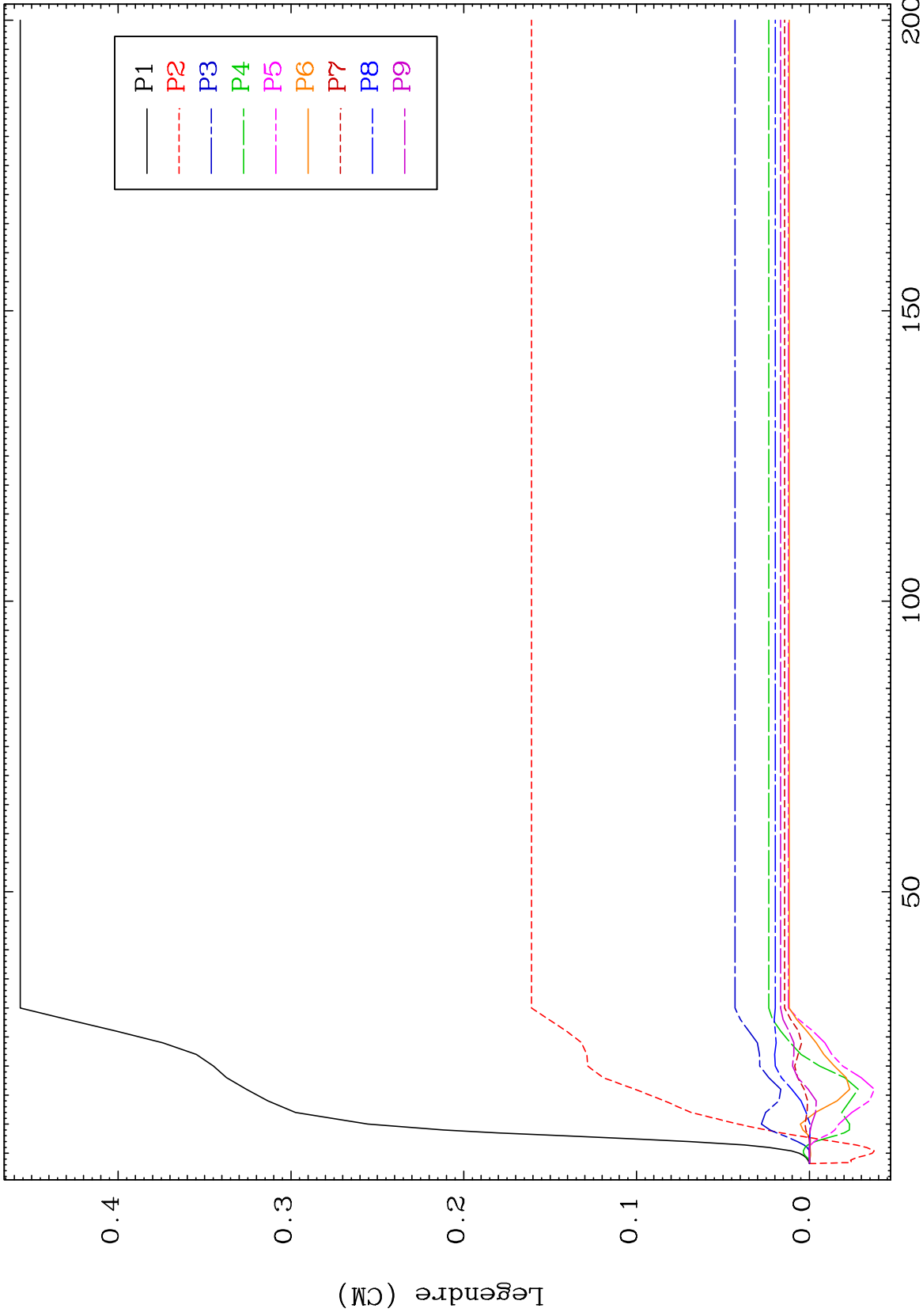


75 Incident Energy (MeV) 40-Zr-96

MAT 4043

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

40-Zr-96



76

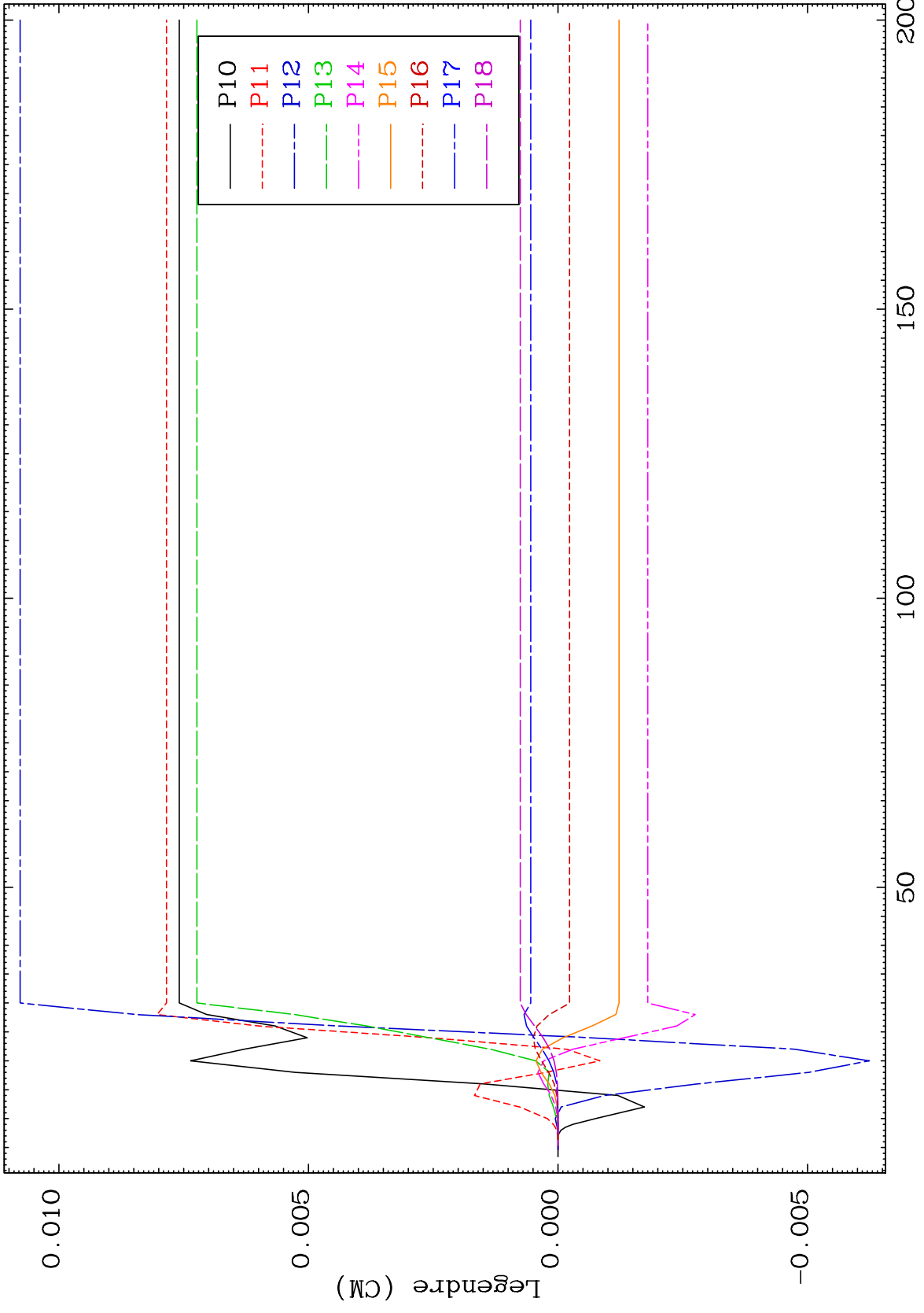
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



77

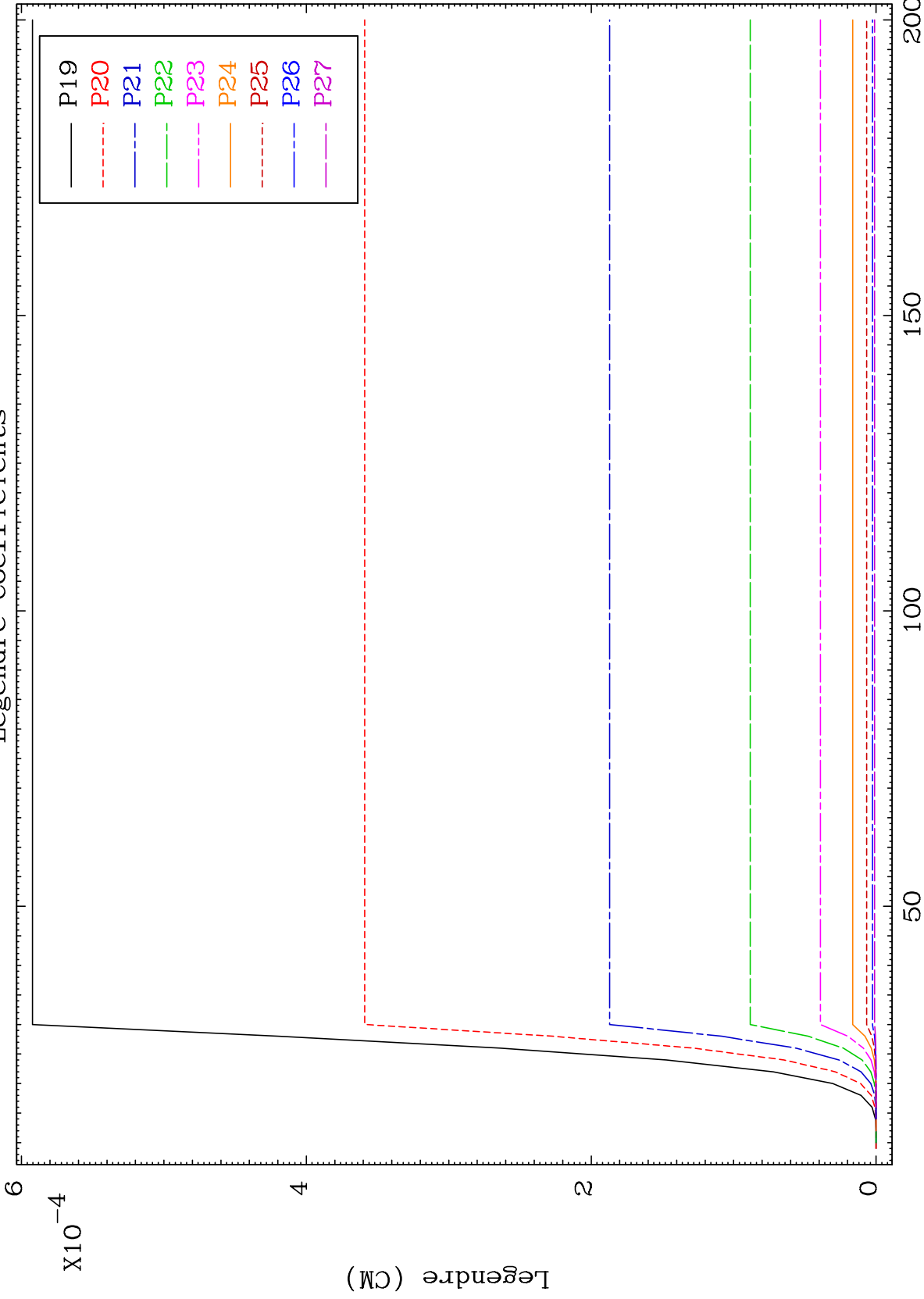
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



78

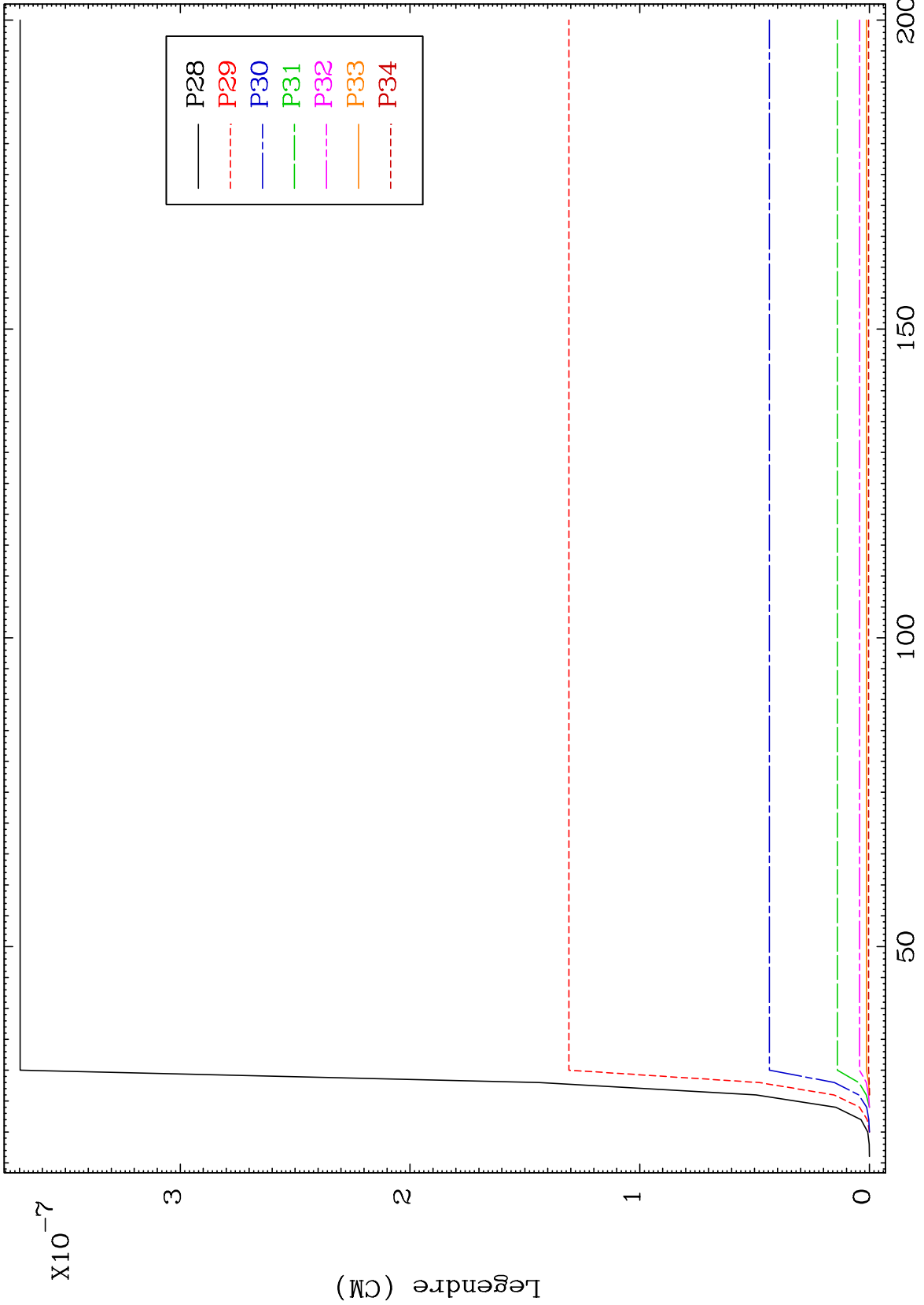
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



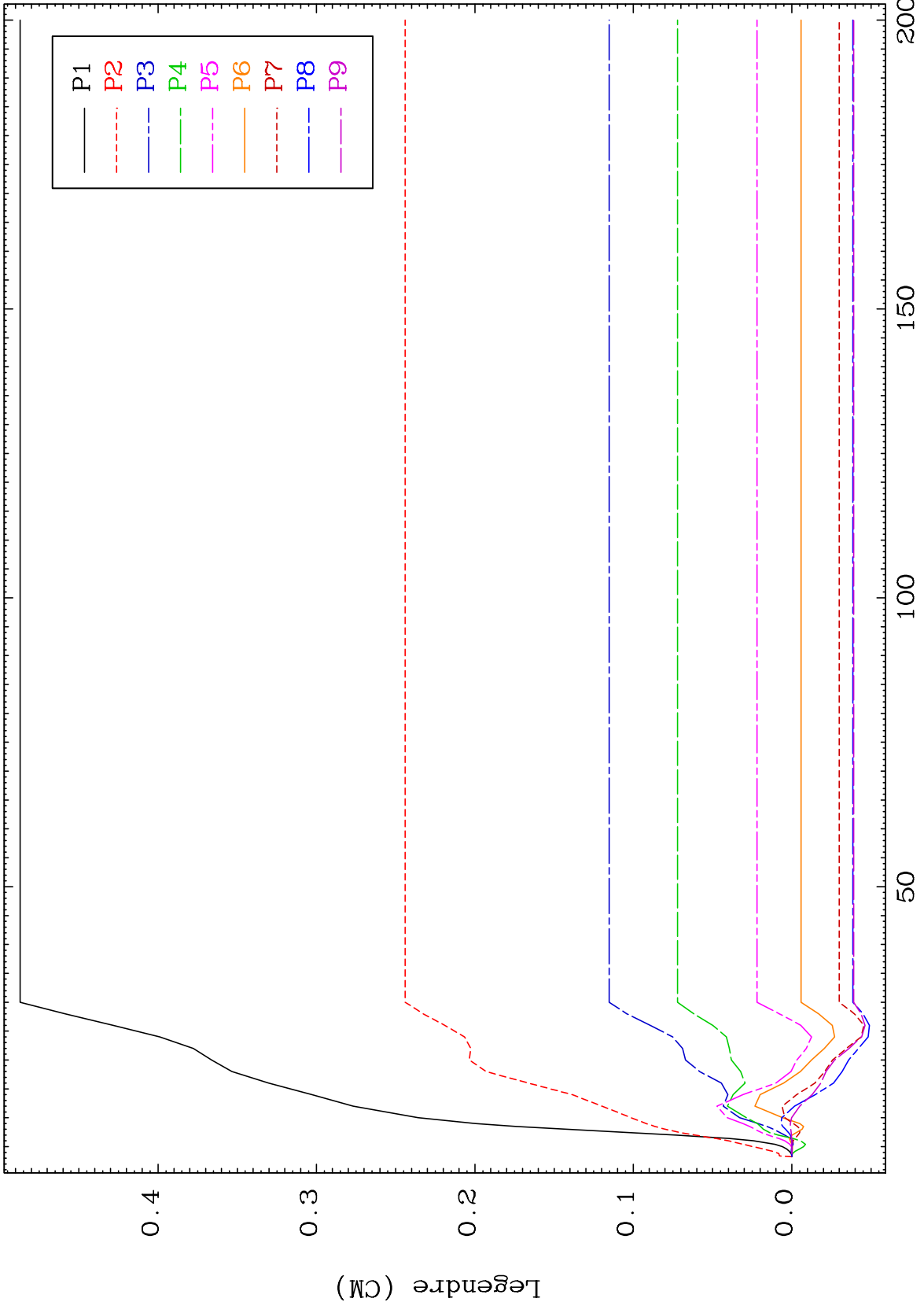
79

Incident Energy (MeV)

40-Zr-96



MAT 4043 MT= 67 (n,n') Level Legendre Coefficients 40-Zr-96

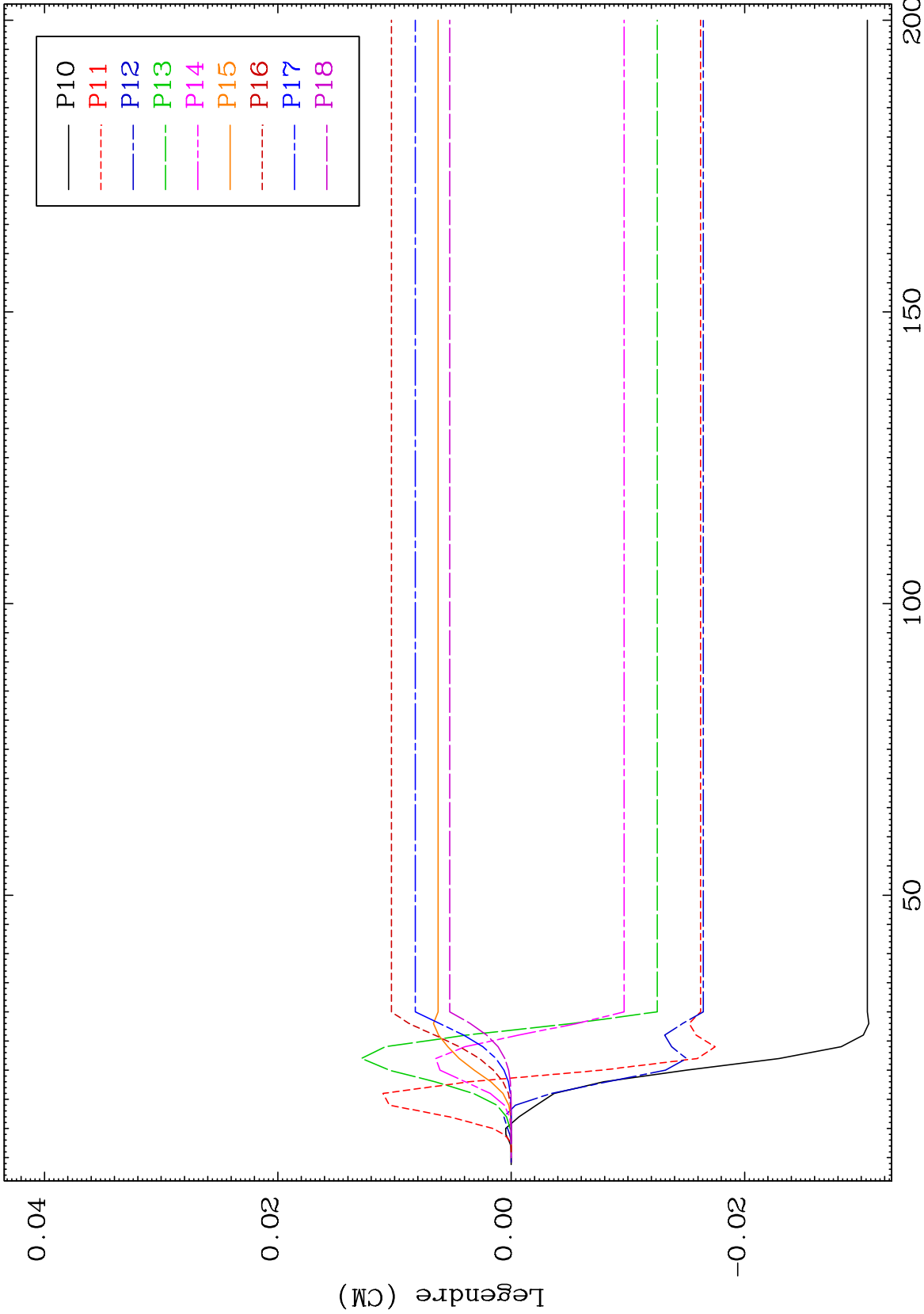


80 Incident Energy (MeV) 40-Zr-96

MAT 4043

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

40-Zr-96



81

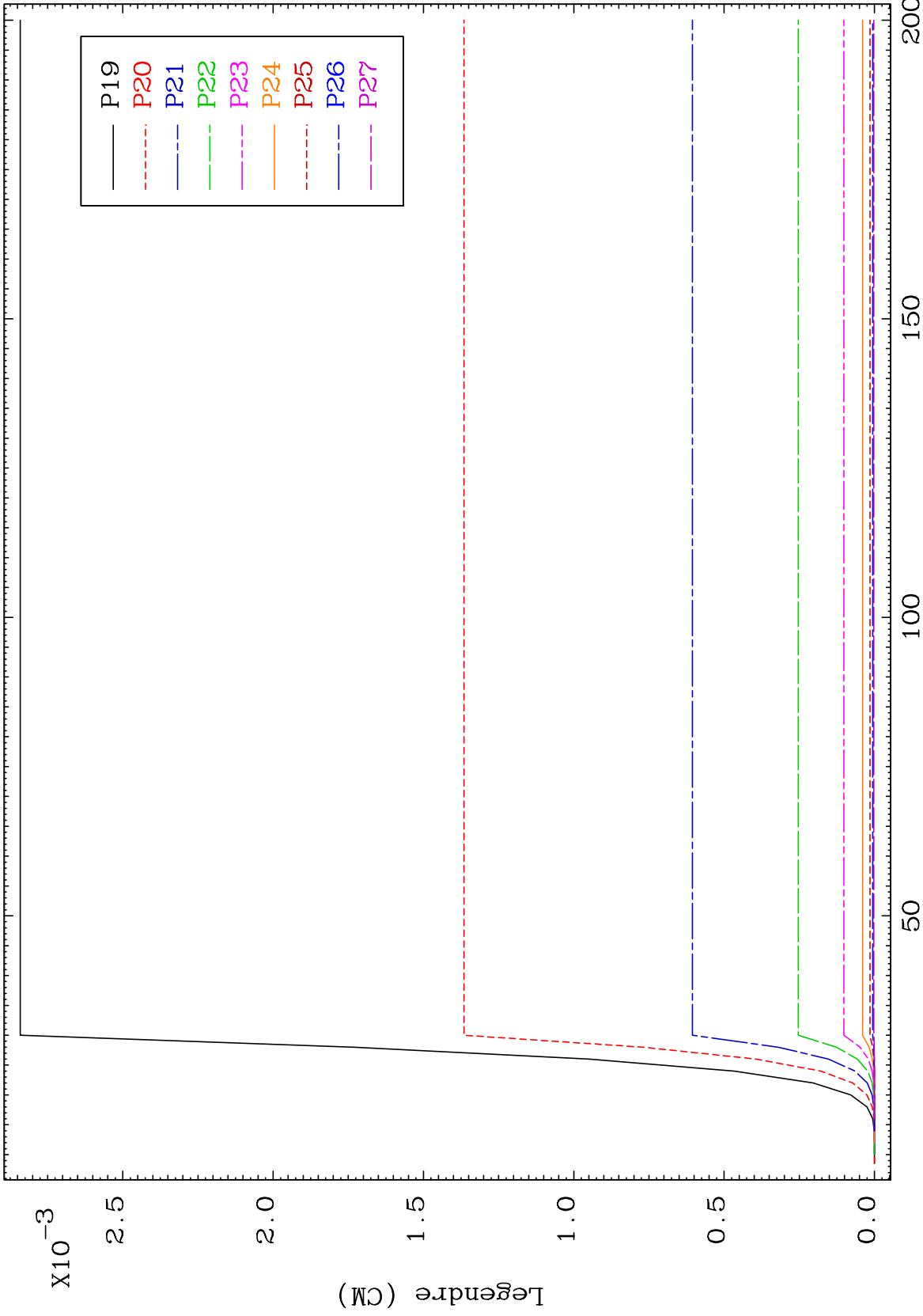
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



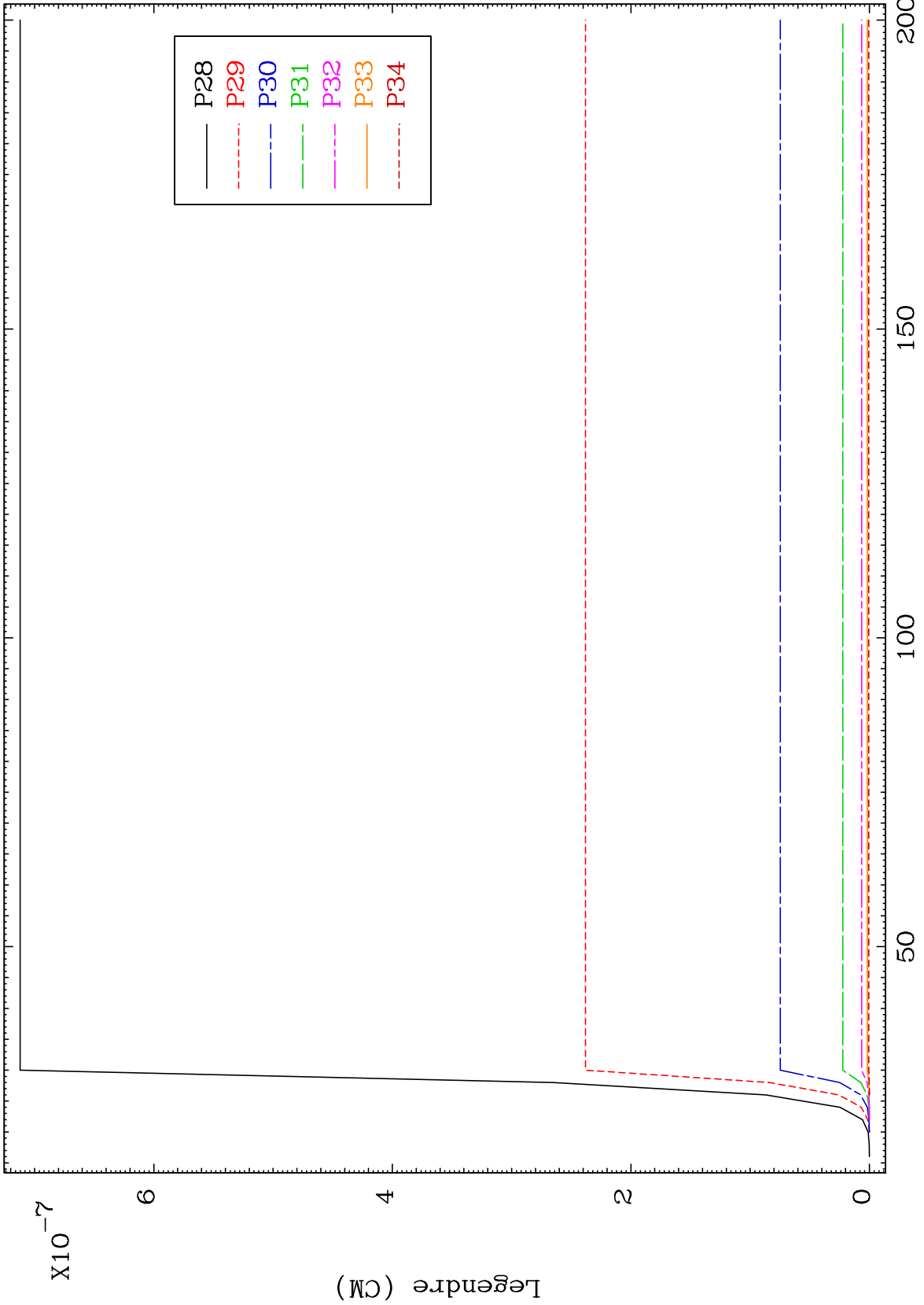
82

40-Zr-96

MAT 4043

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

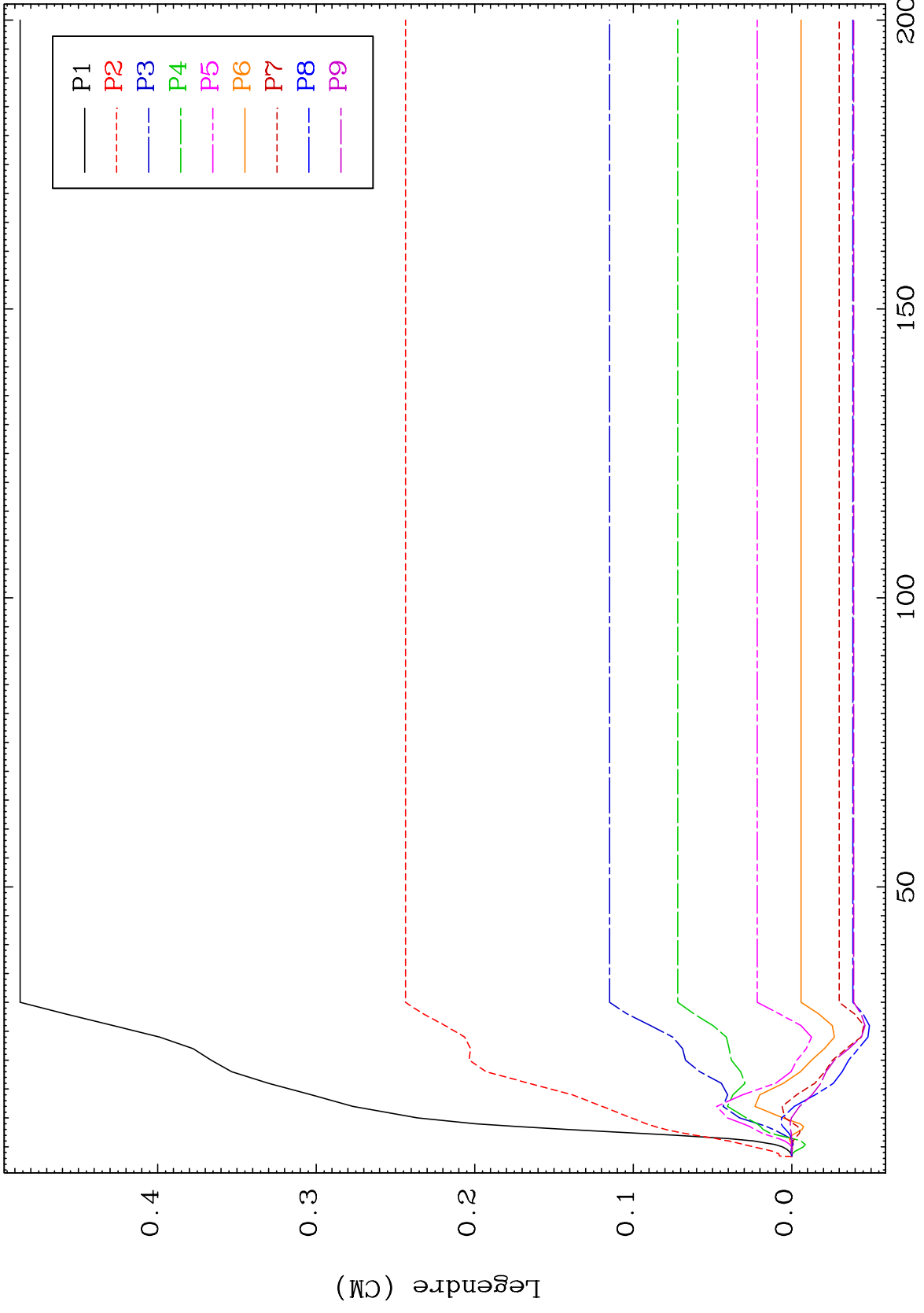
40-Zr-96



83

40-Zr-96

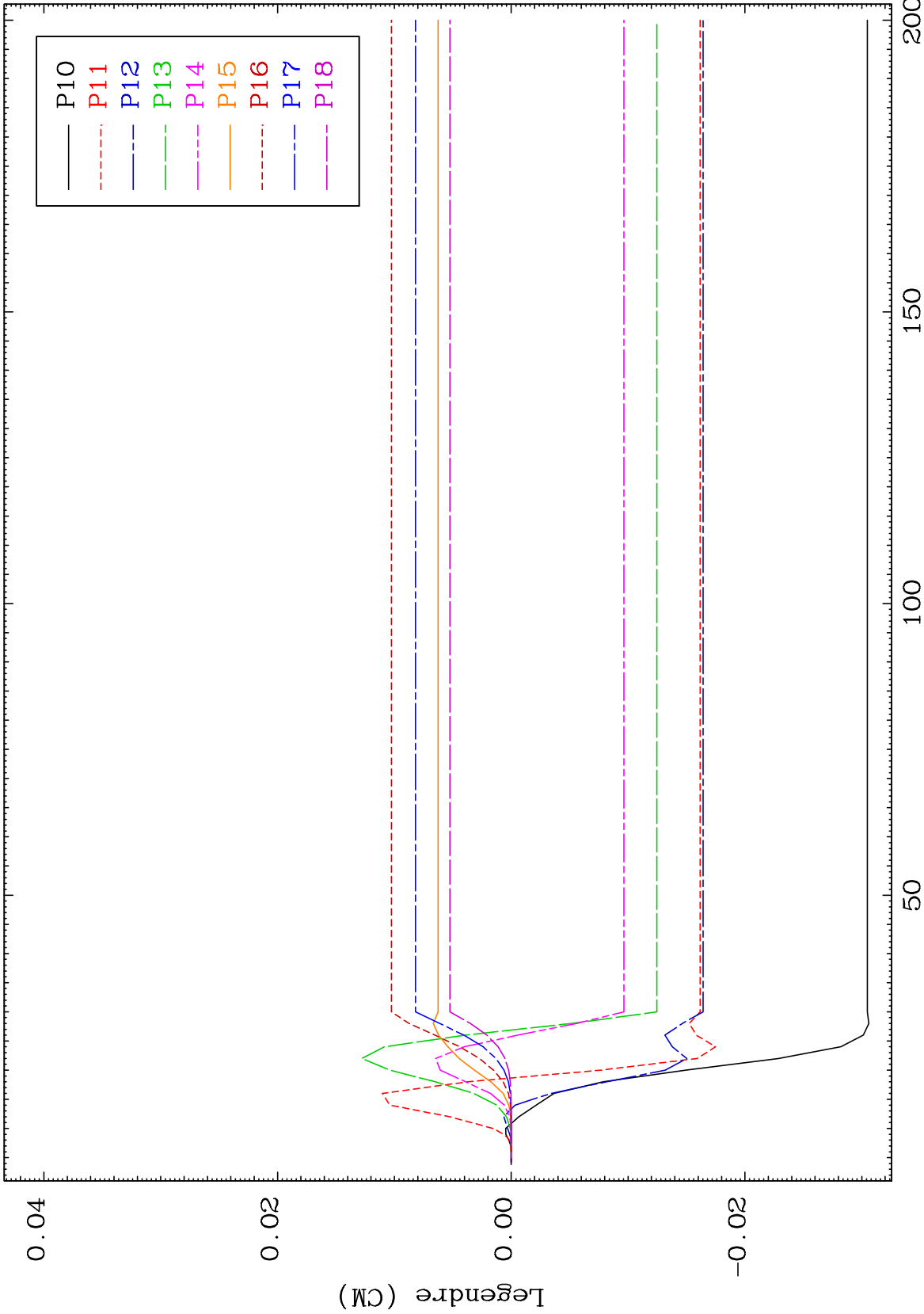
MAT 4043 MT= 68 (n,n') Level Legendre Coefficients 40-Zr-96



MAT 4043

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

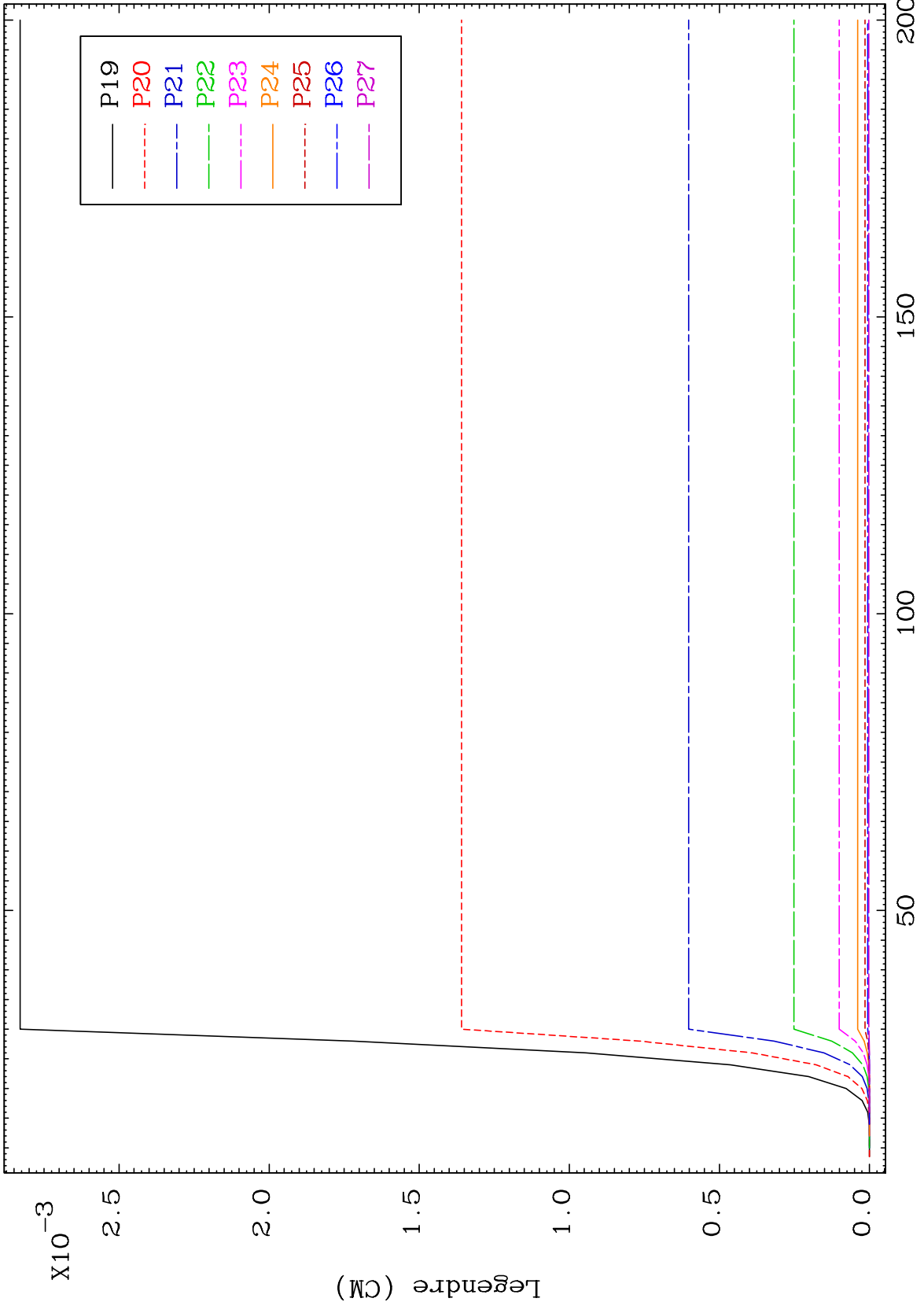
40-Zr-96



85

Incident Energy (MeV)

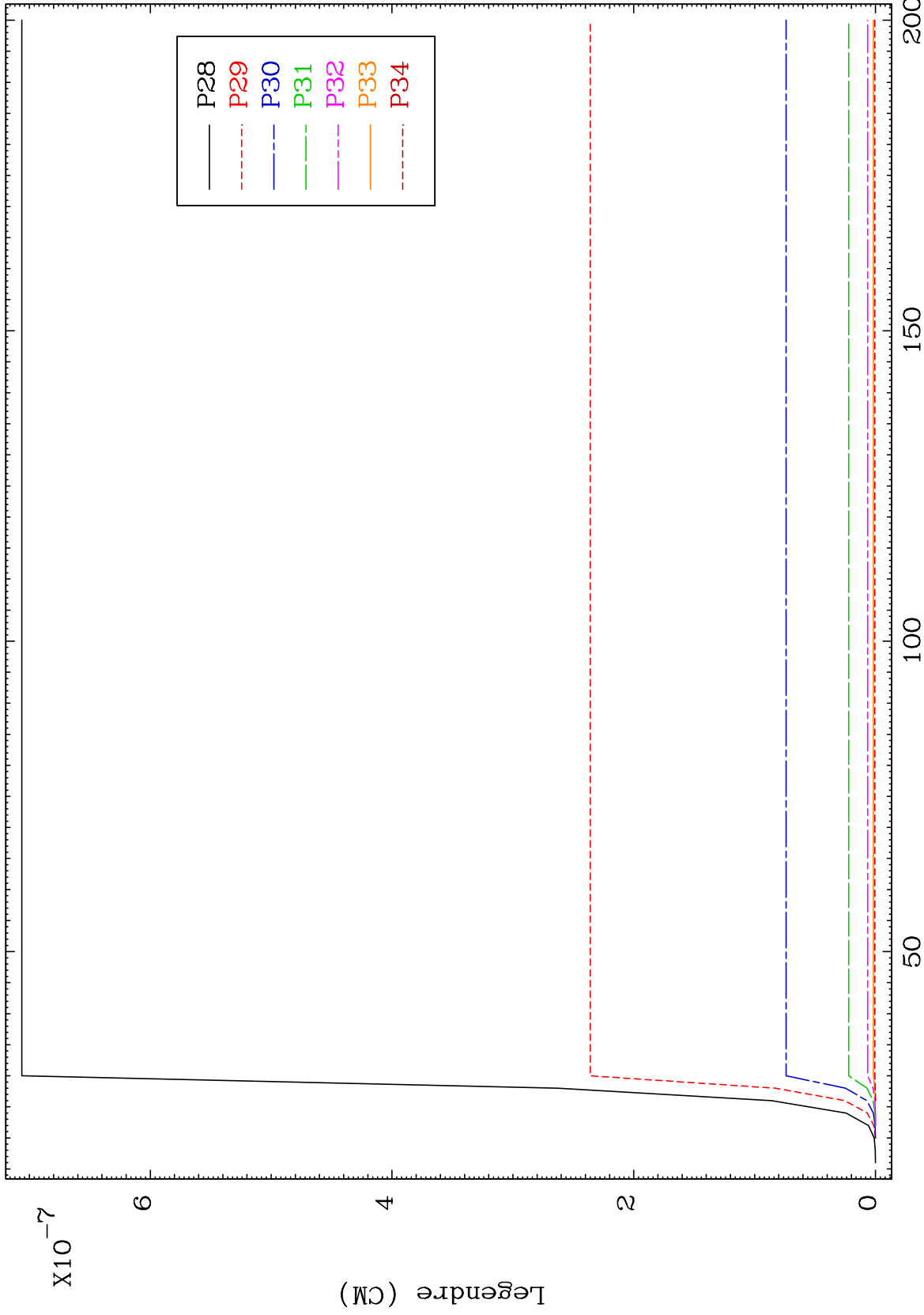
40-Zr-96



MAT 4043

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

40-Zr-96

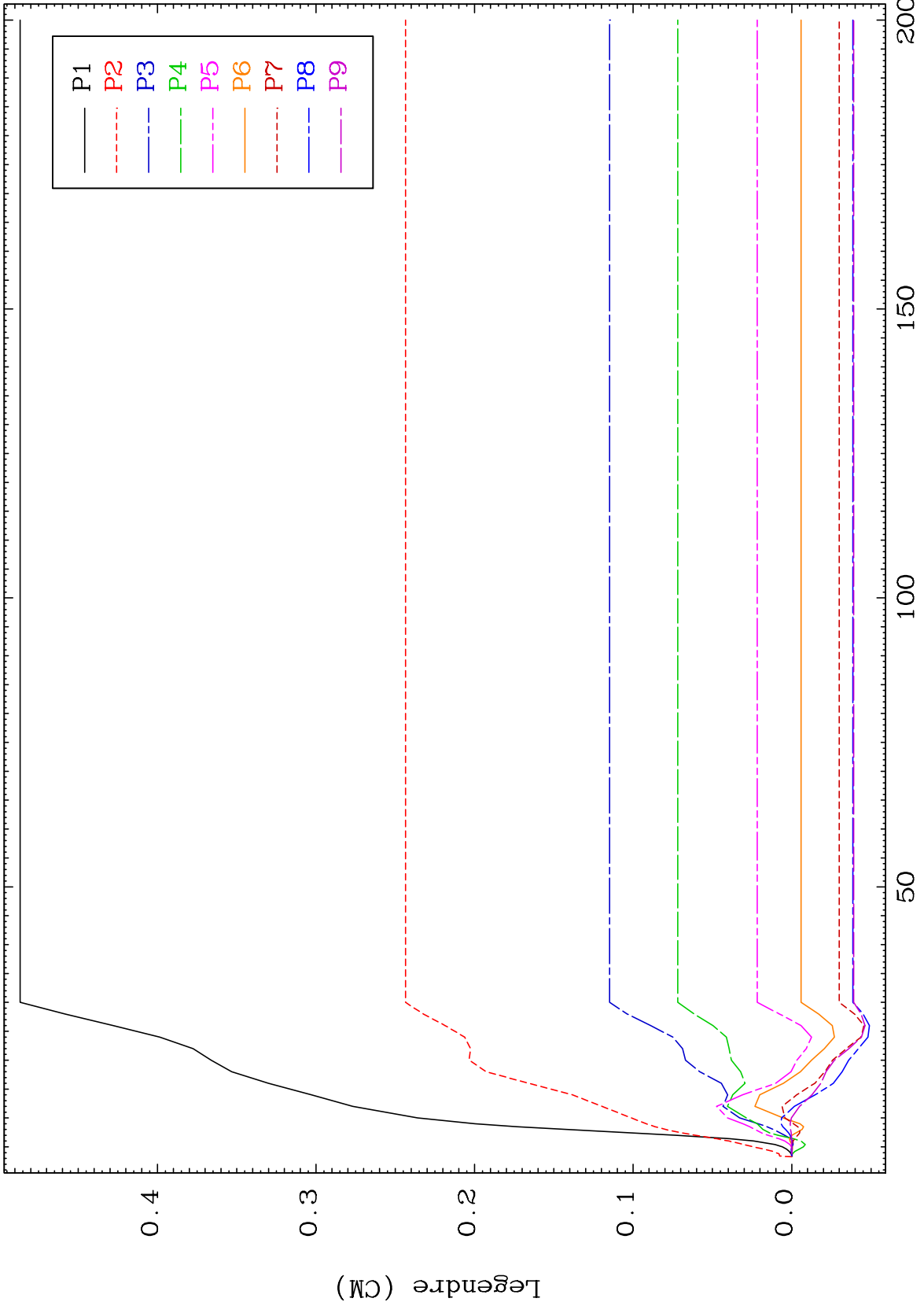


87

40-Zr-96



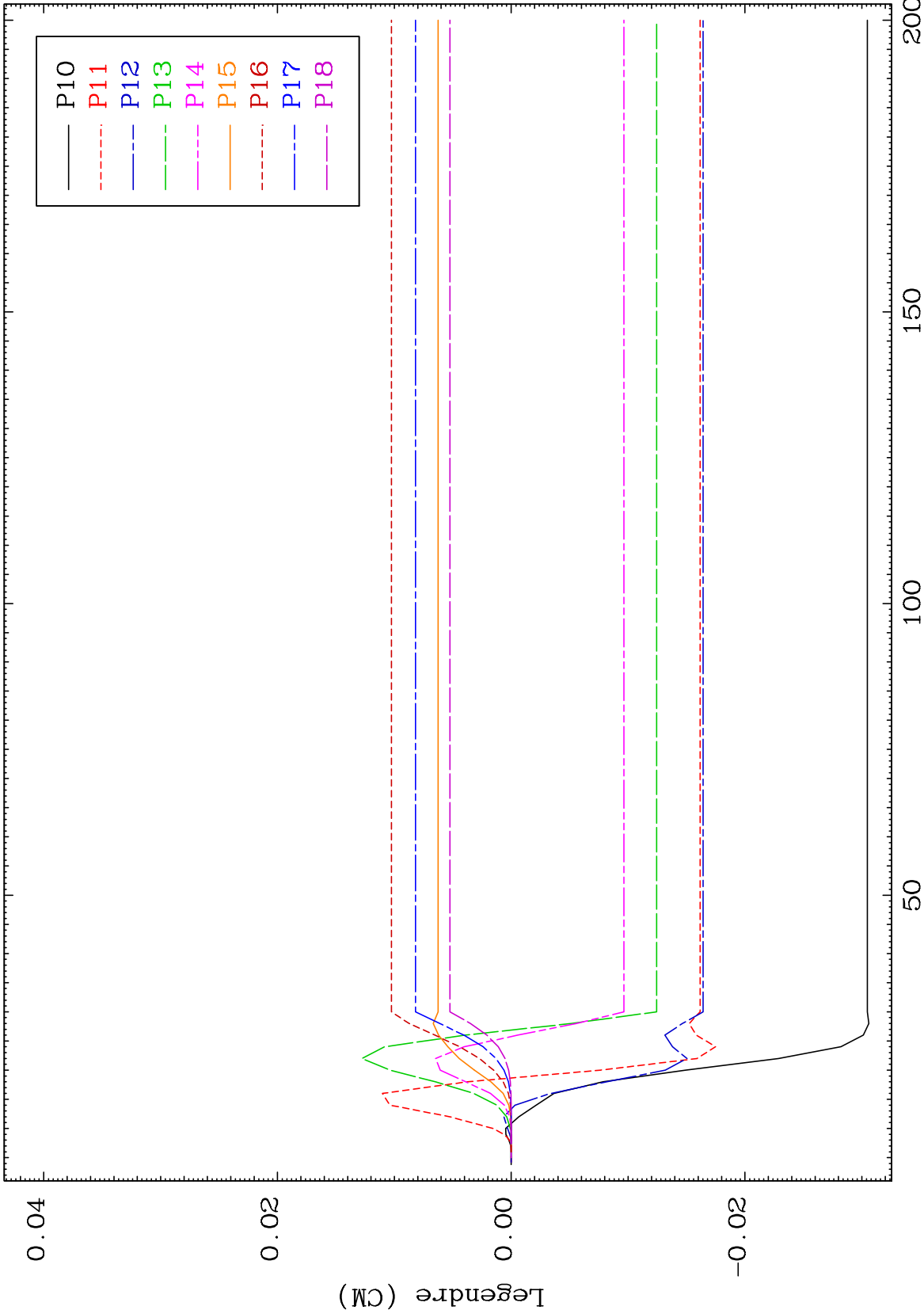
MAT 4043 MT= 69 (n,n') Level Legendre Coefficients 40-Zr-96



MAT 4043

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

40-Zr-96

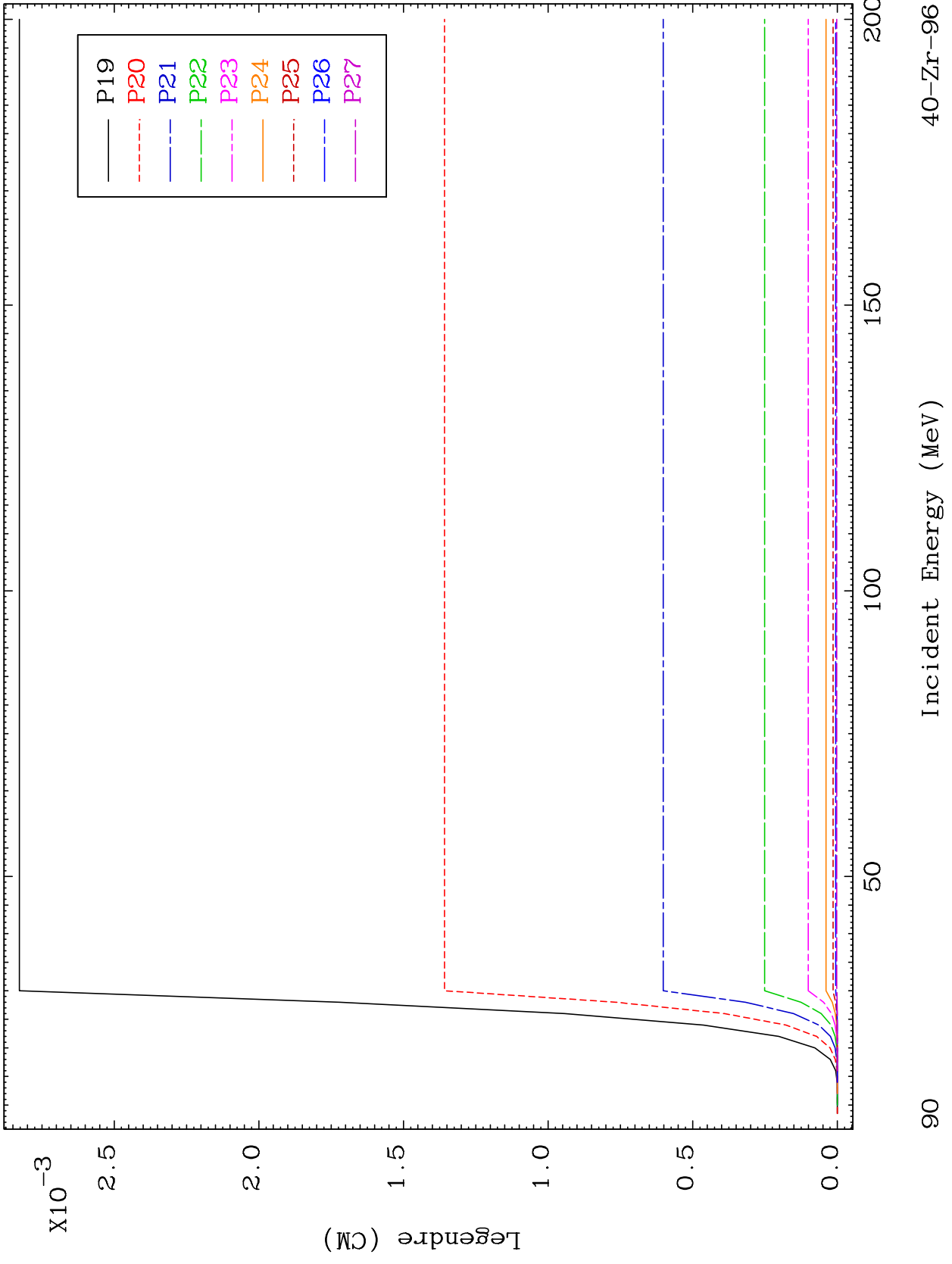


89

Incident Energy (MeV)

40-Zr-96

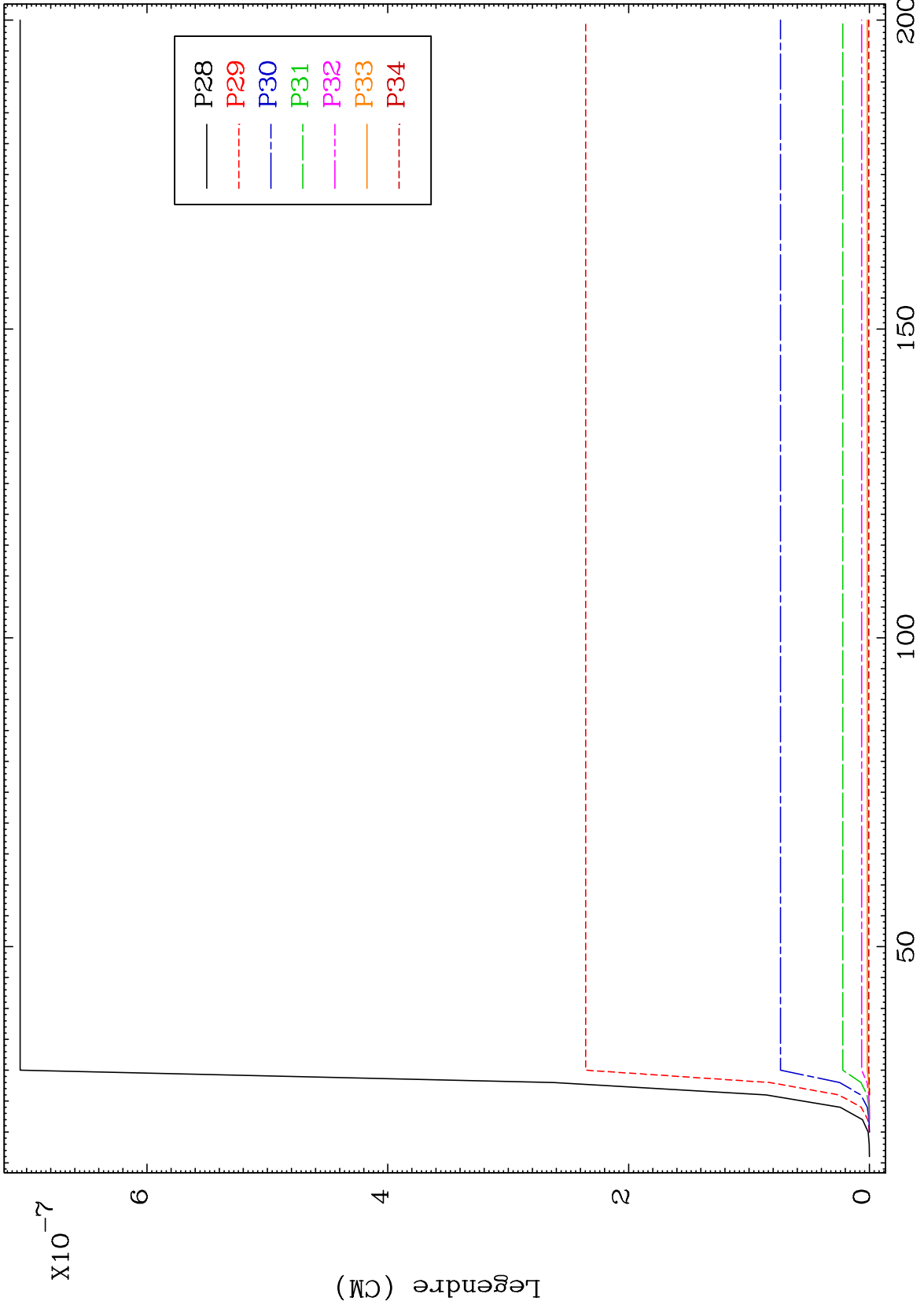
MAT 4043 MT= 69 (n,n') Level Legendre Coefficients 40-Zr-96



MAT 4043

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

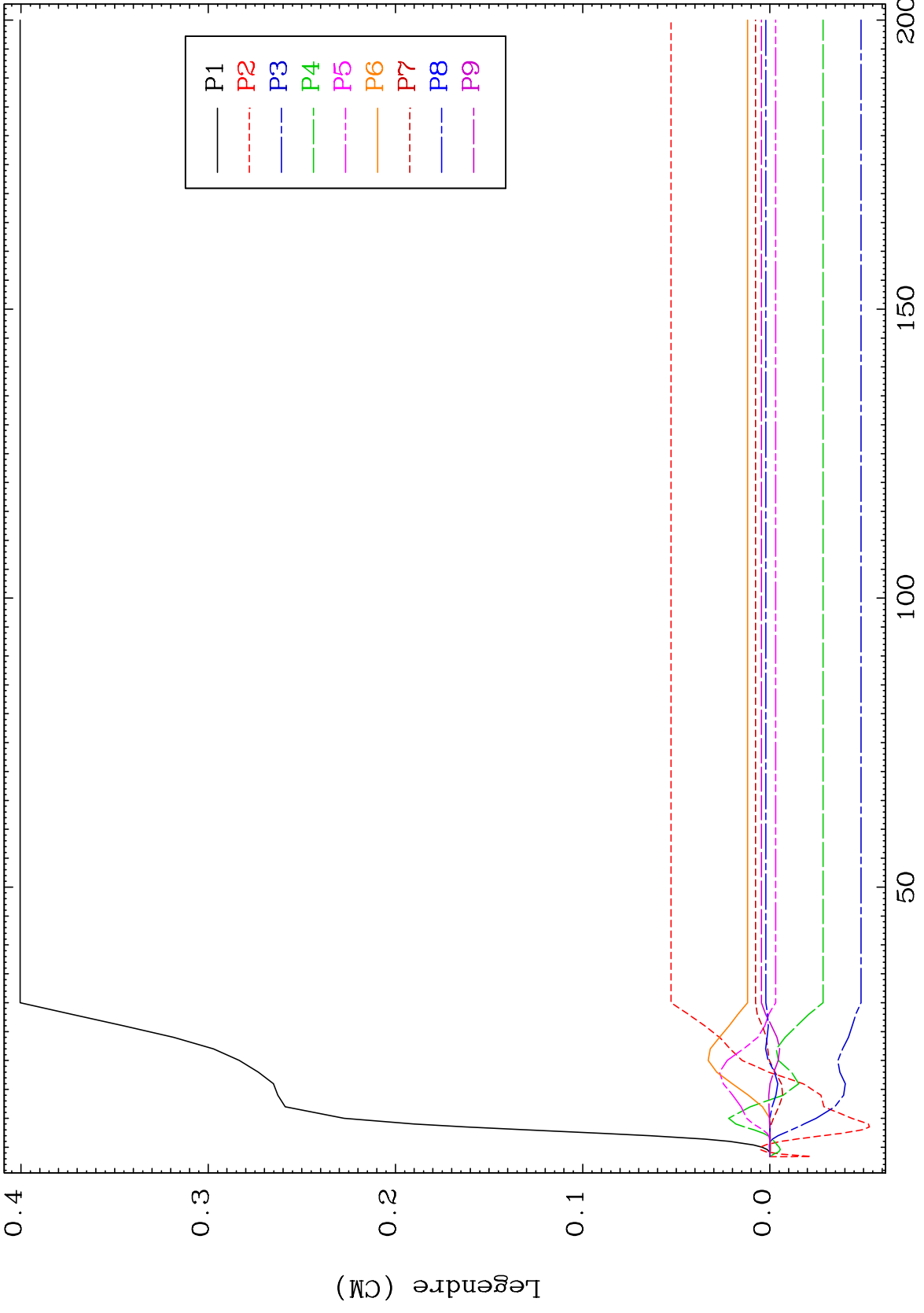
40-Zr-96



91

40-Zr-96

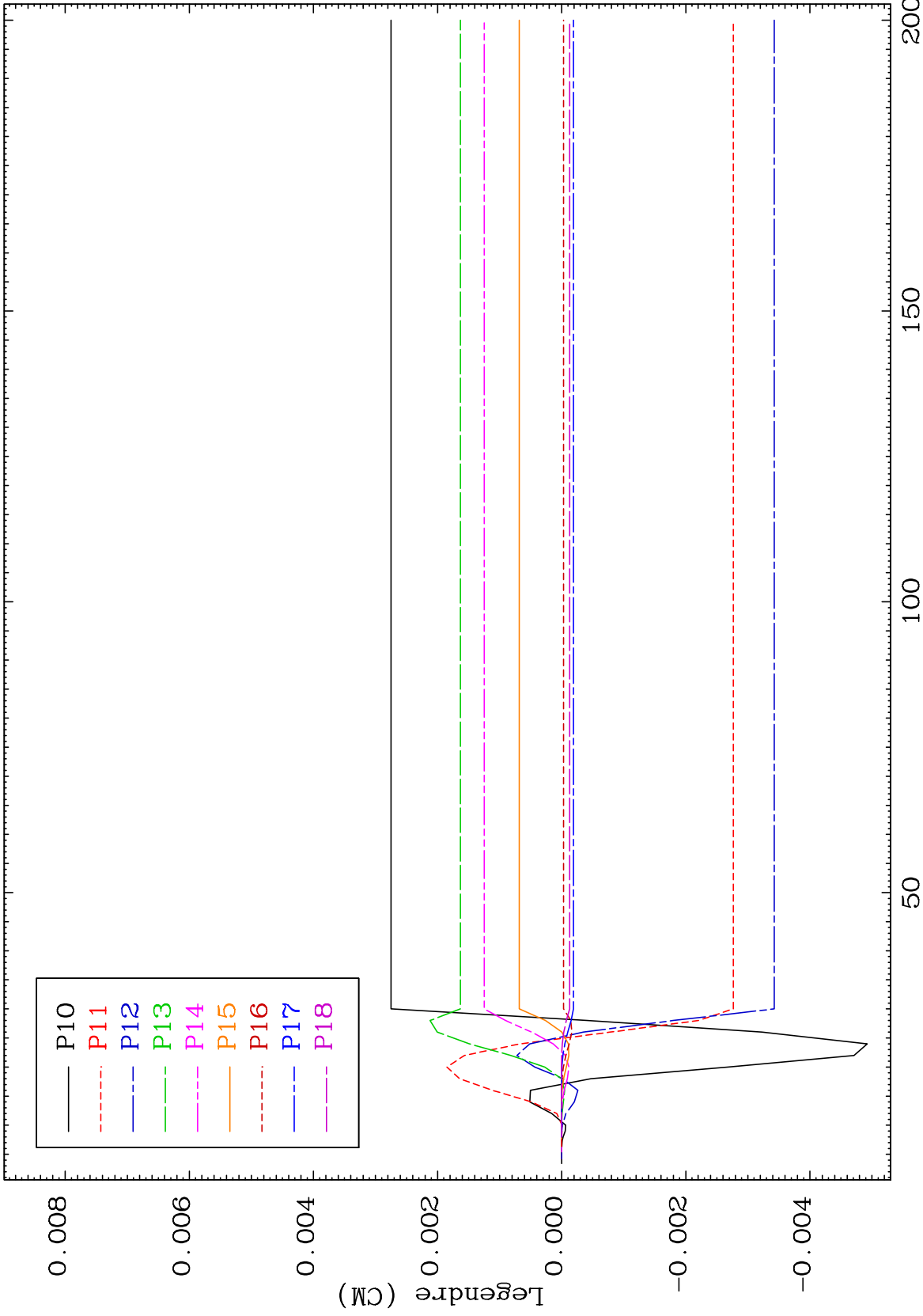
MAT 4043 MT= 70 (n,n') Level Legendre Coefficients 40-Zr-96



MAT 4043

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

40-Zr-96



93

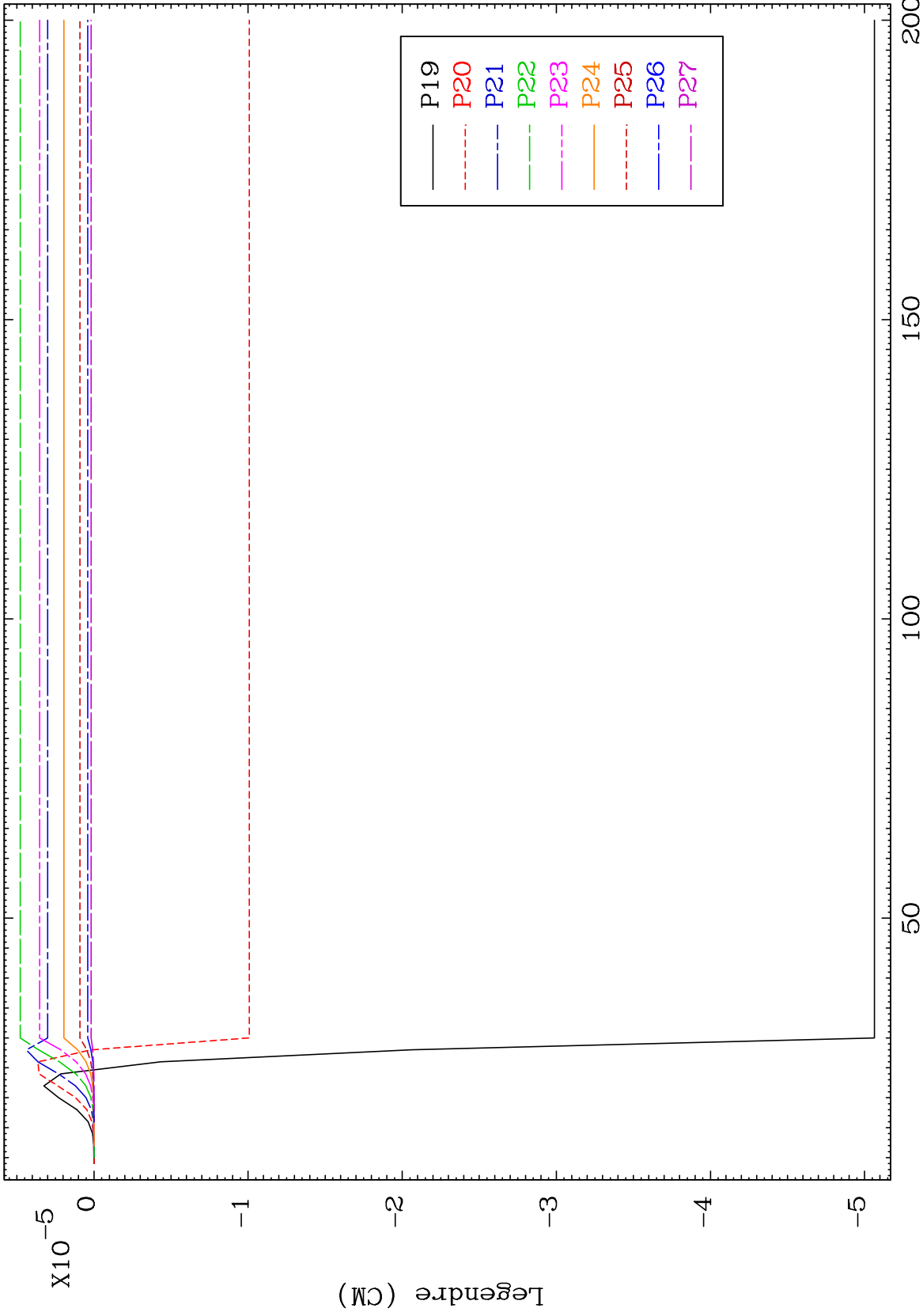
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



40-Zr-96

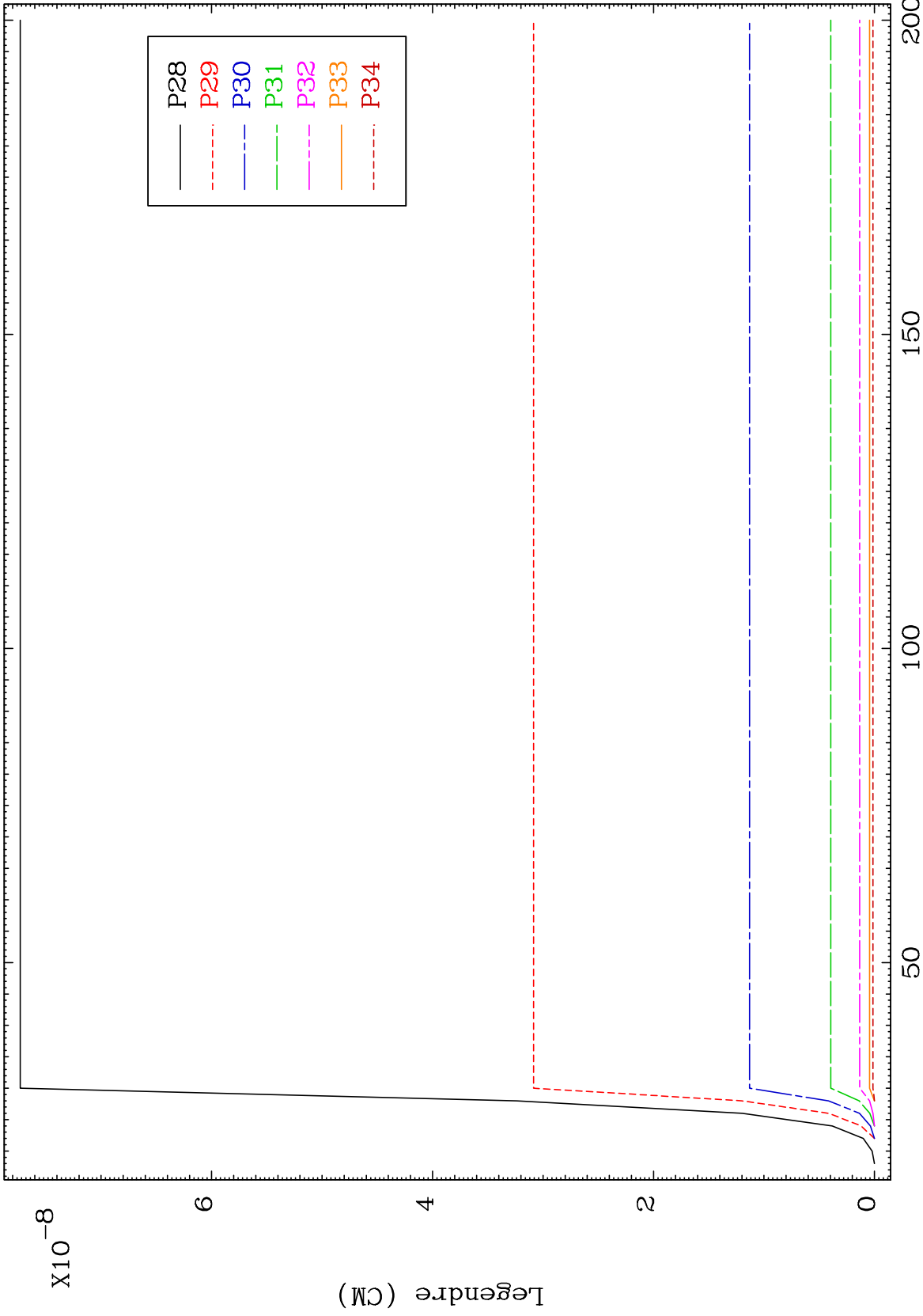
Incident Energy (MeV)

94

MAT 4043

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

40-Zr-96



95

Incident Energy (MeV)

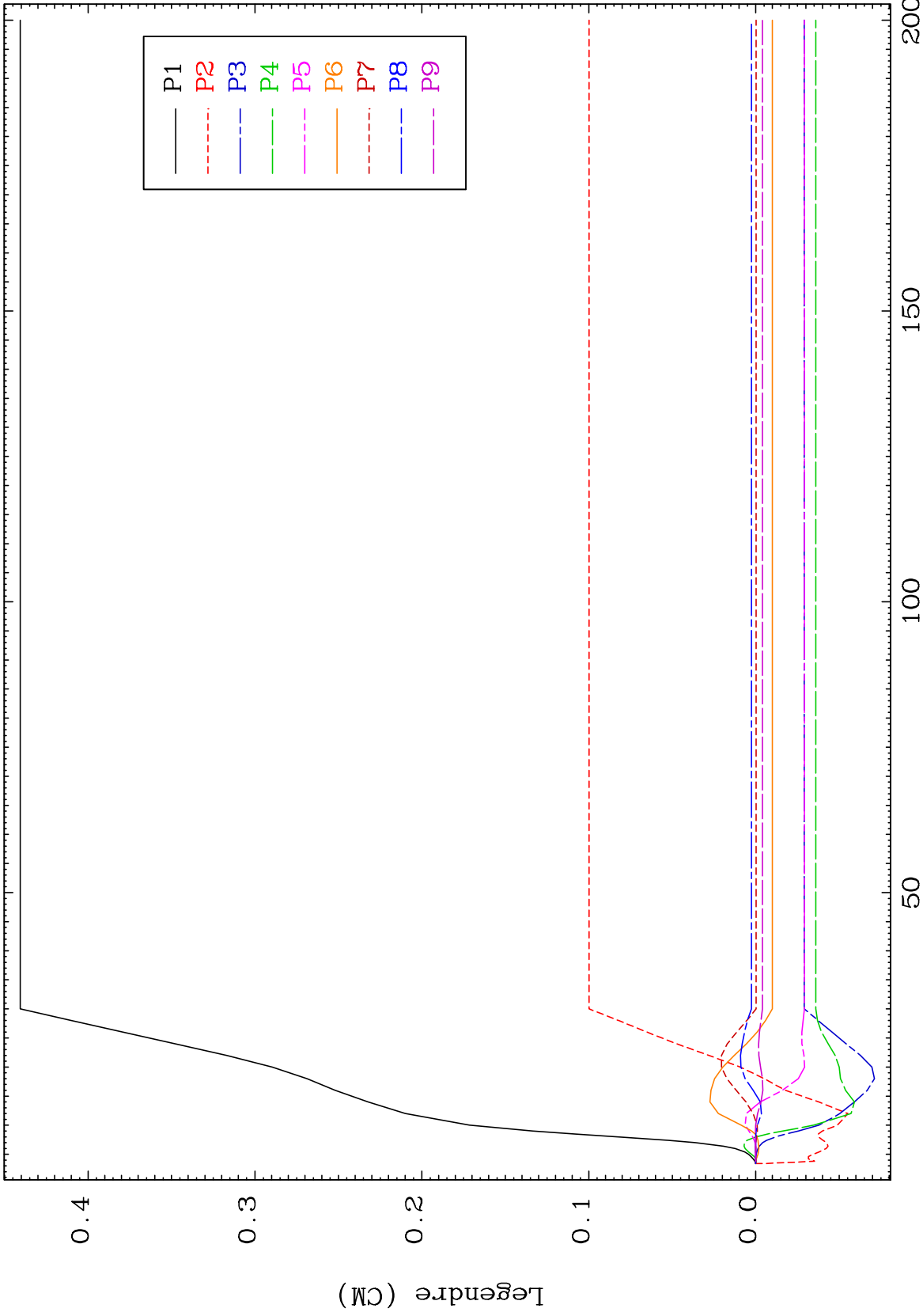
40-Zr-96



MAT 4043

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

40-Zr-96



96

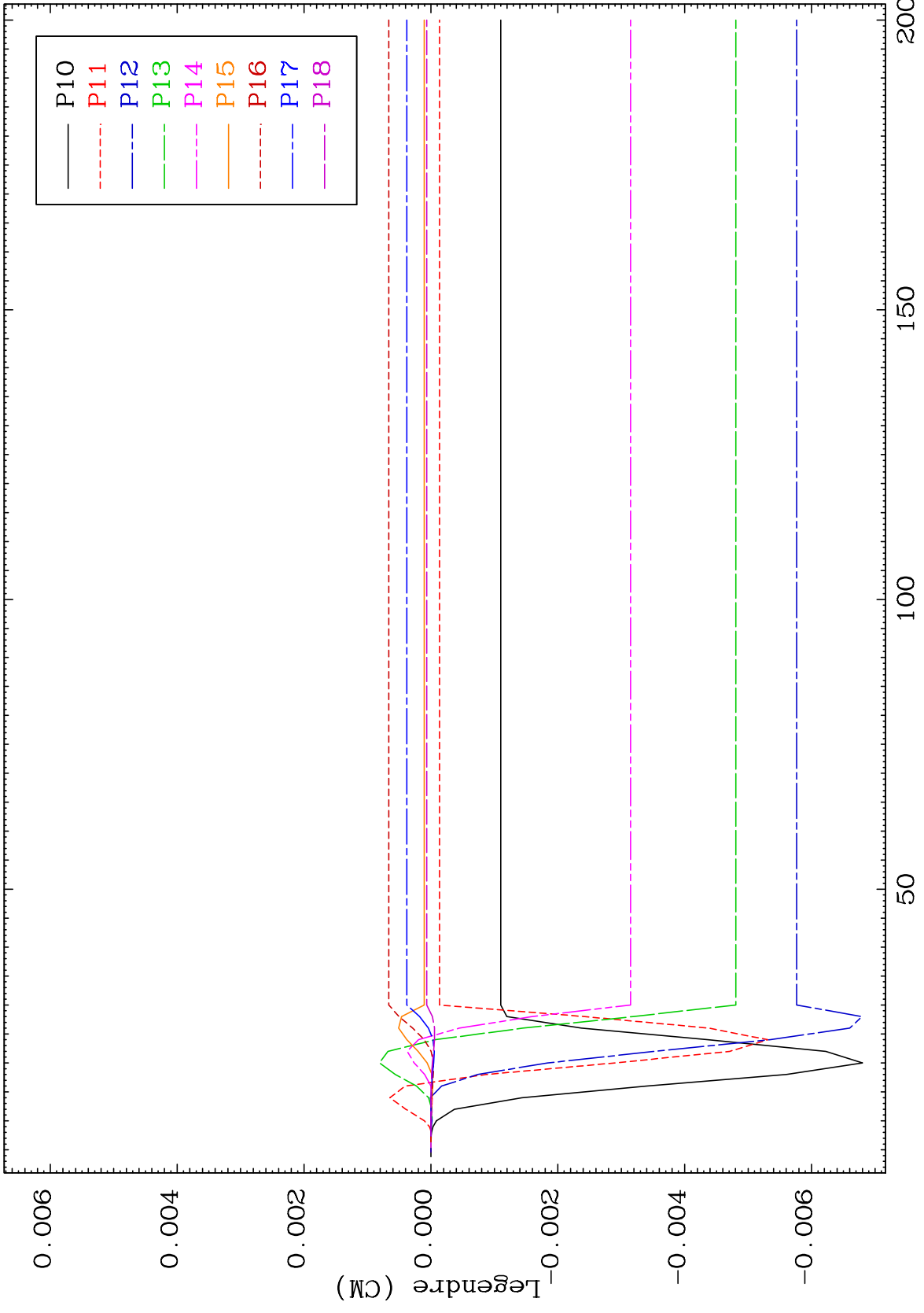
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



97

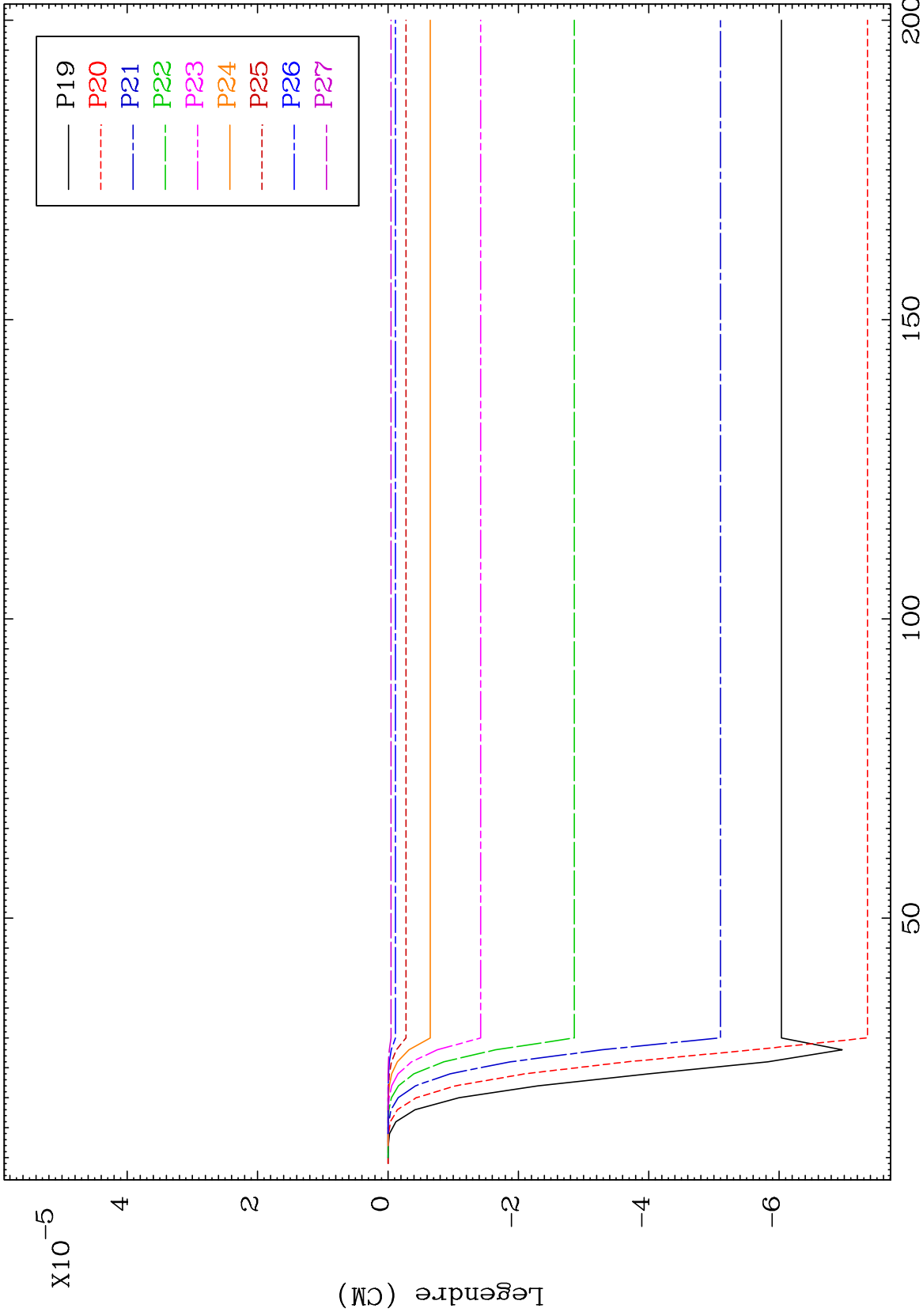
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



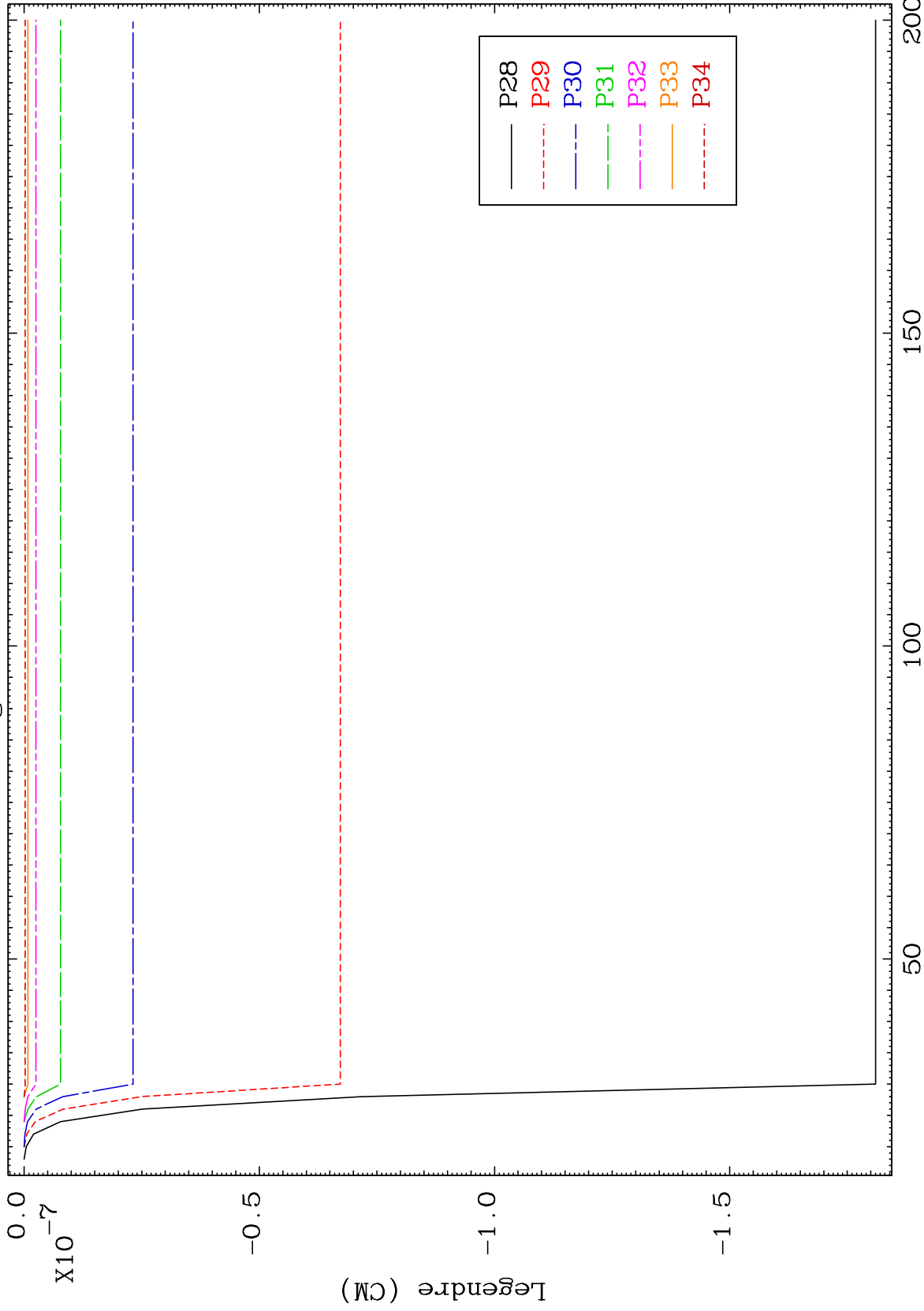
98

40-Zr-96

MAT 4043

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

40-Zr-96



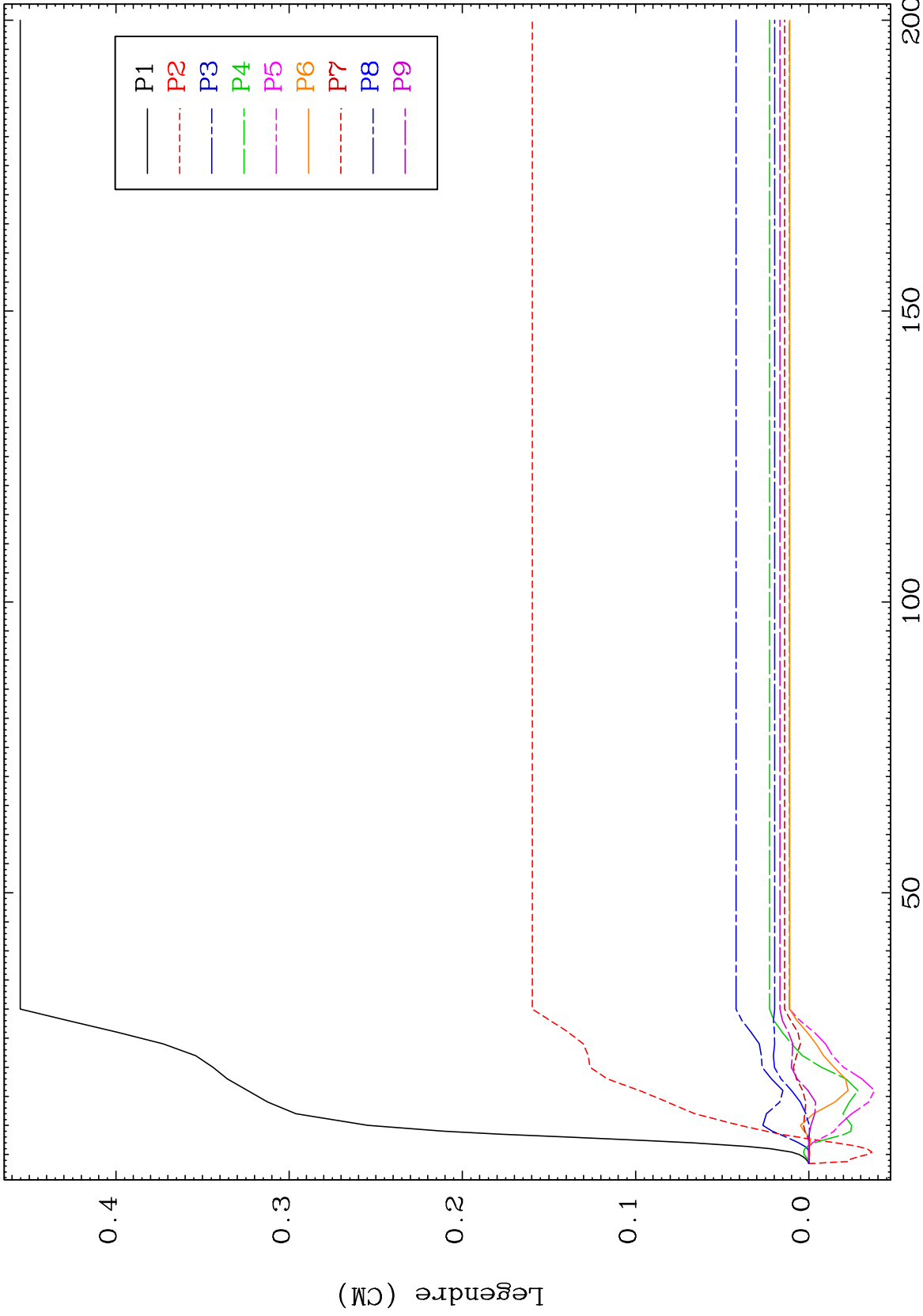
99

40-Zr-96

MAT 4043

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

40-Zr-96



40-Zr-96

Incident Energy (MeV)

100

50

100

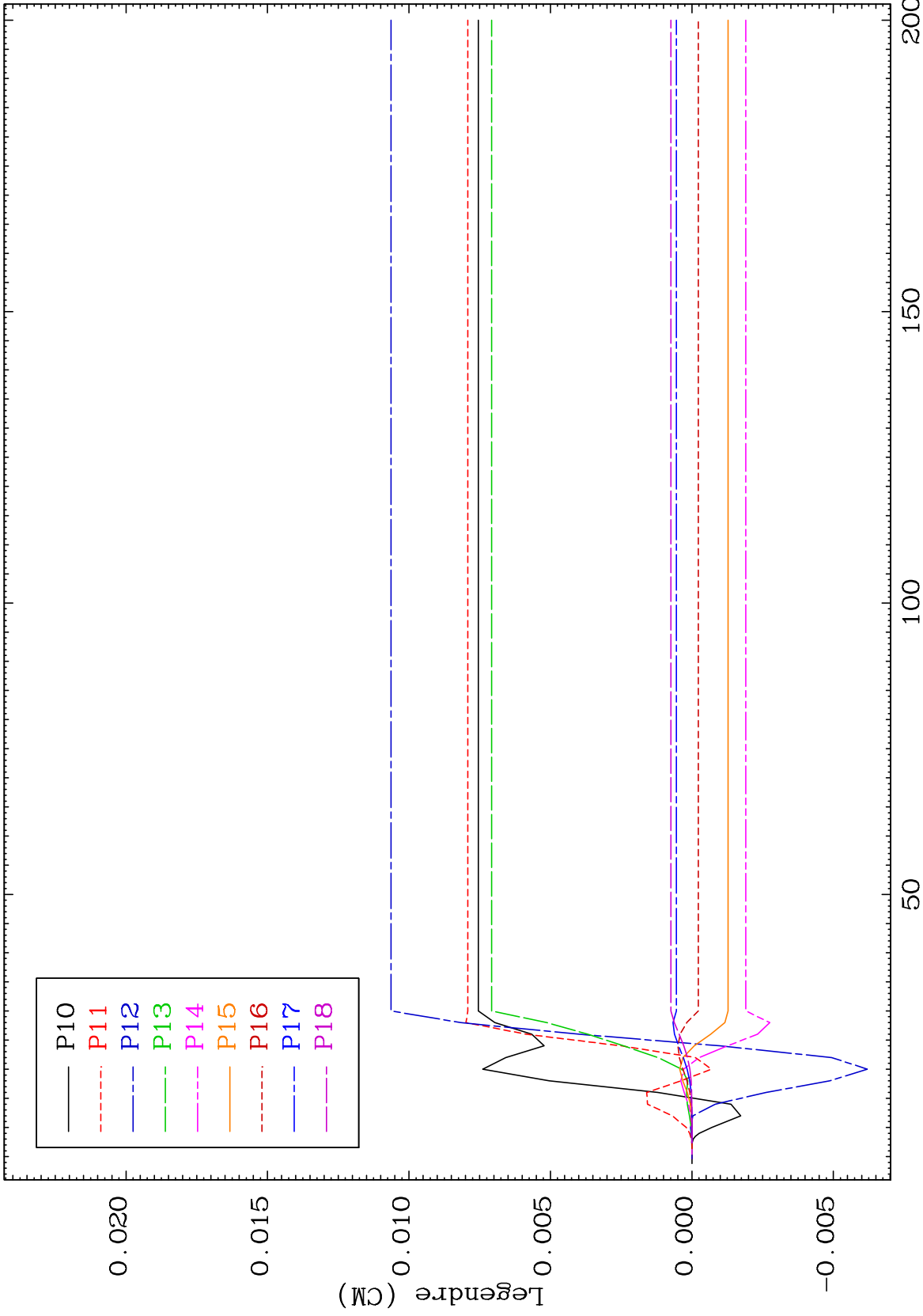
150

200

MAT 4043

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

40-Zr-96



101

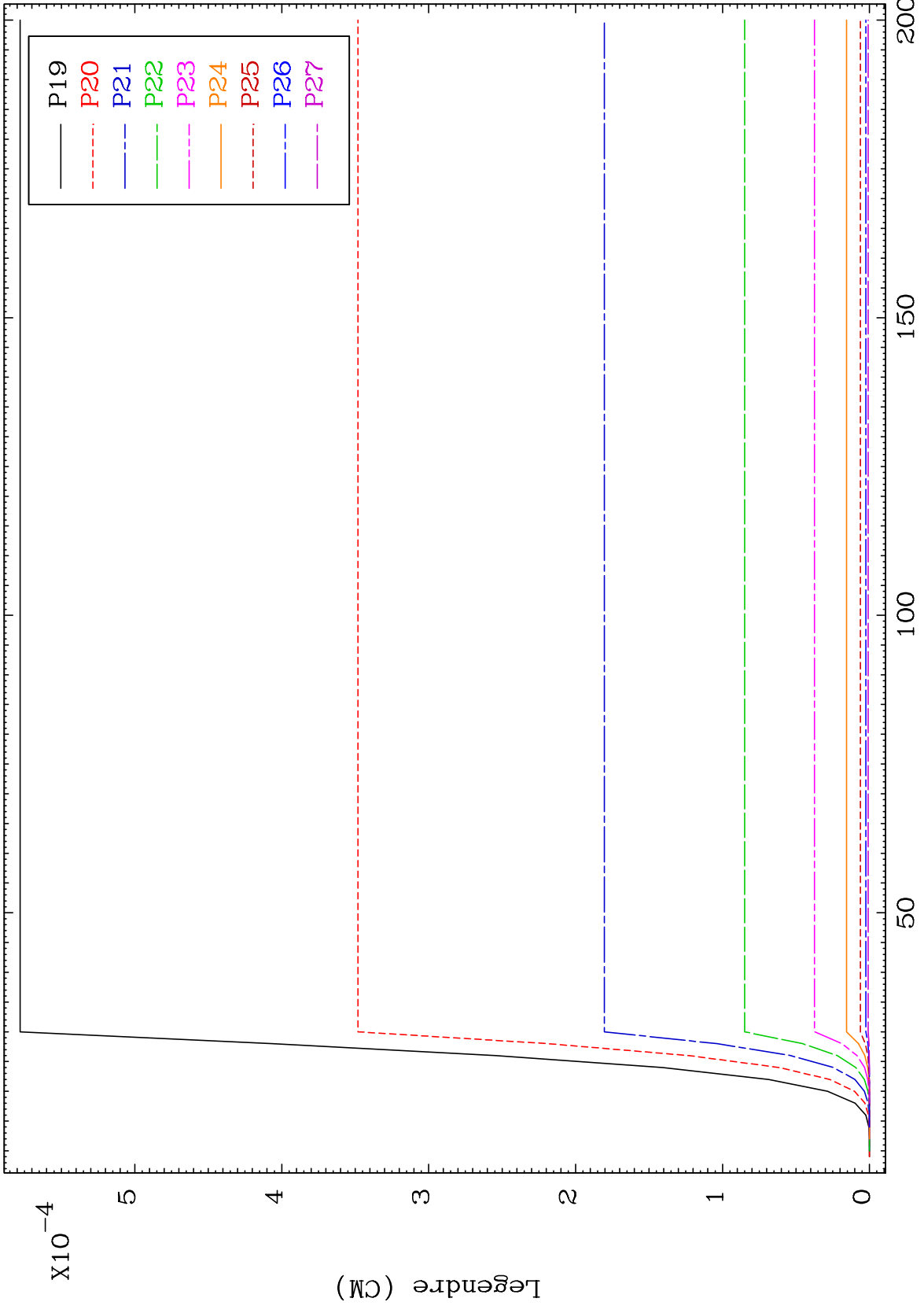
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



102

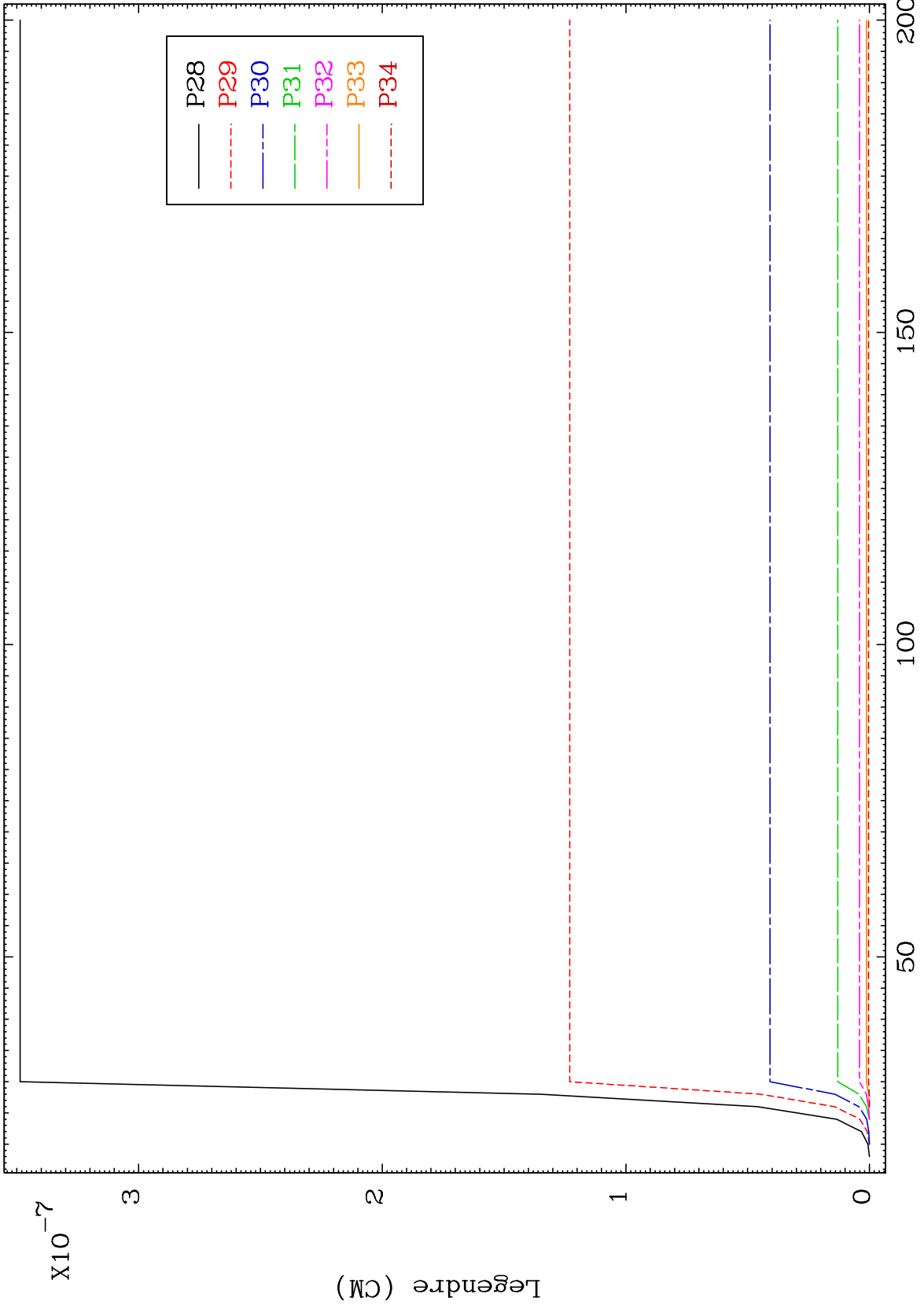
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



103

Incident Energy (MeV)

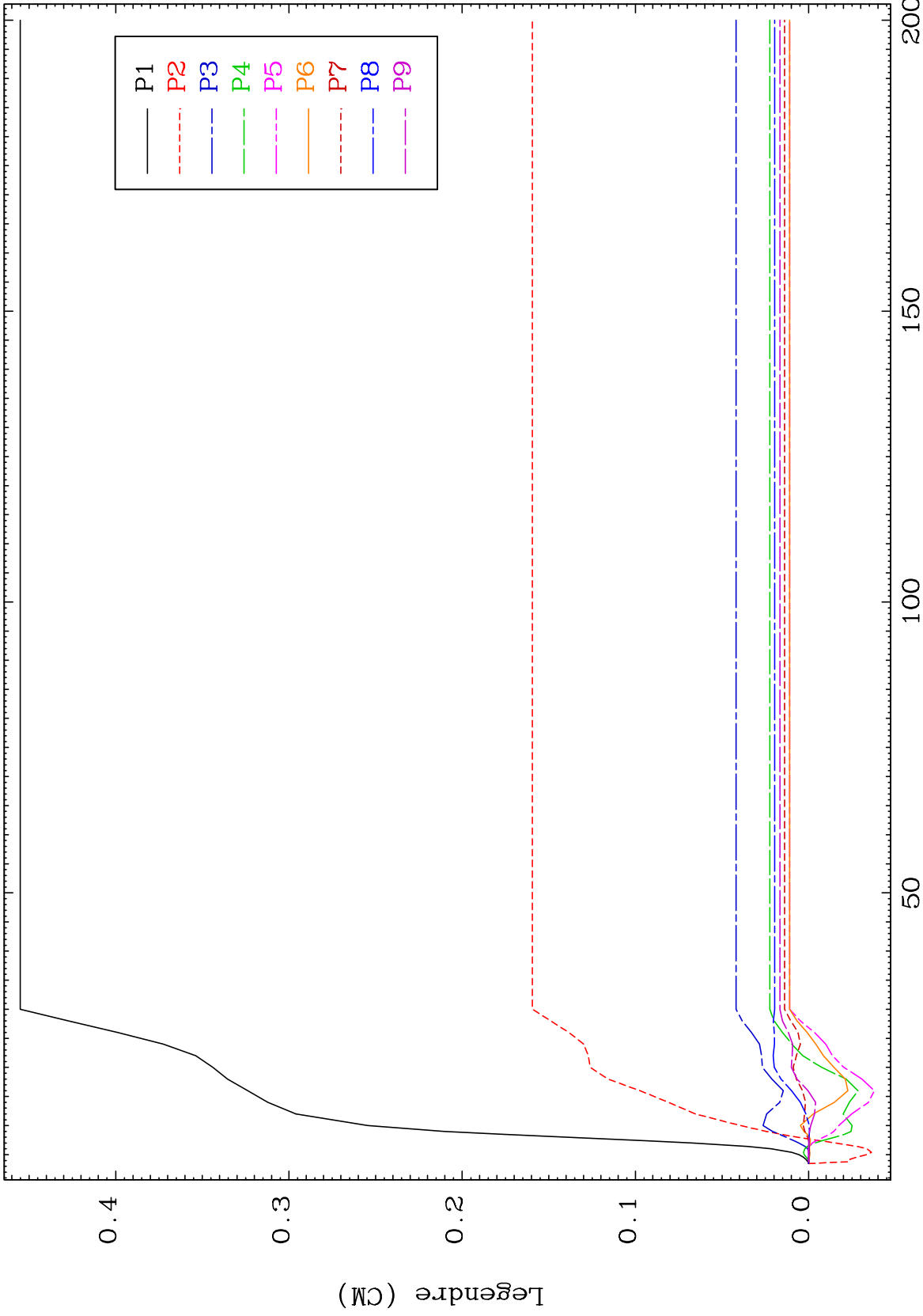
40-Zr-96



MAT 4043

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

40-Zr-96



104

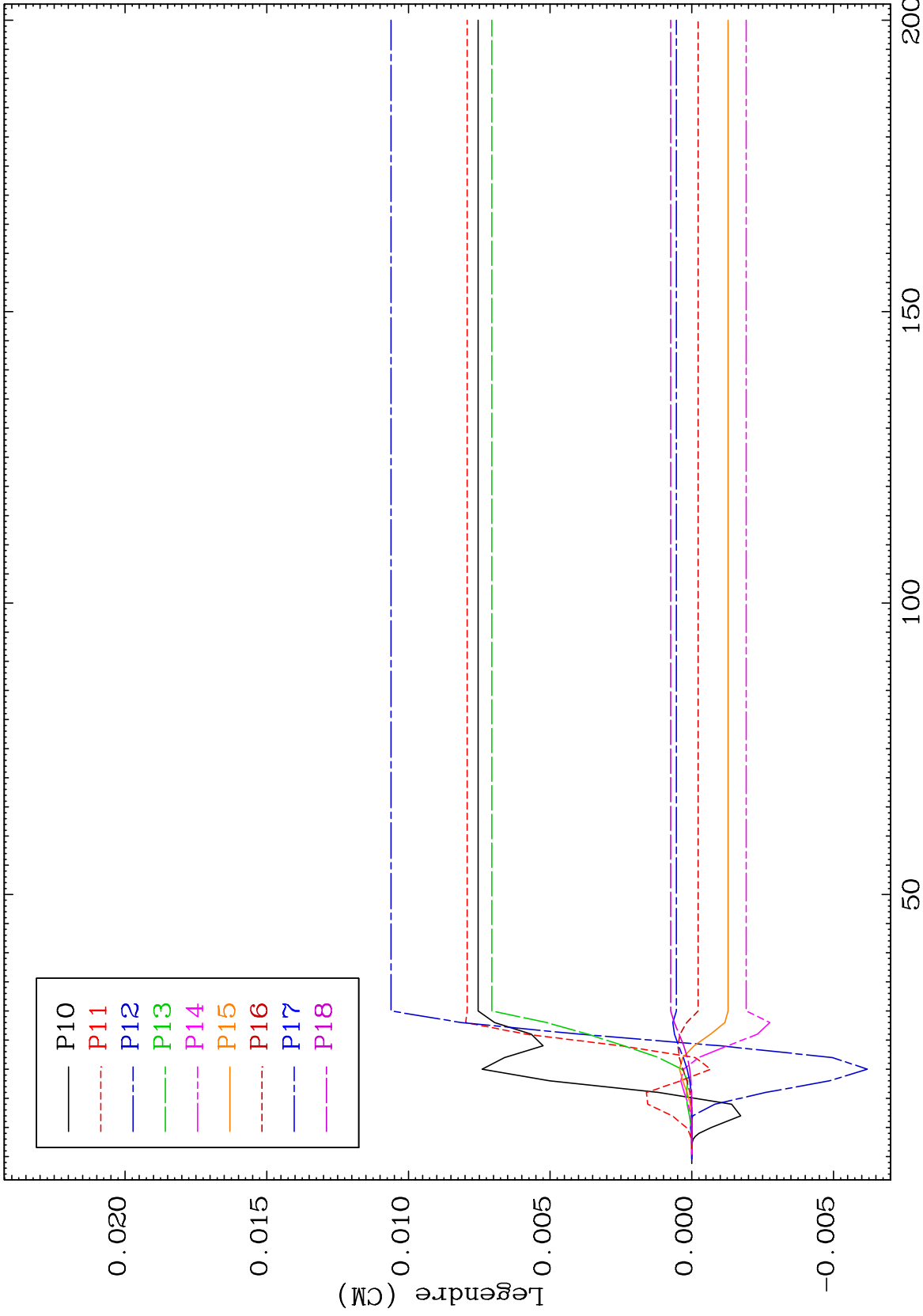
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



105

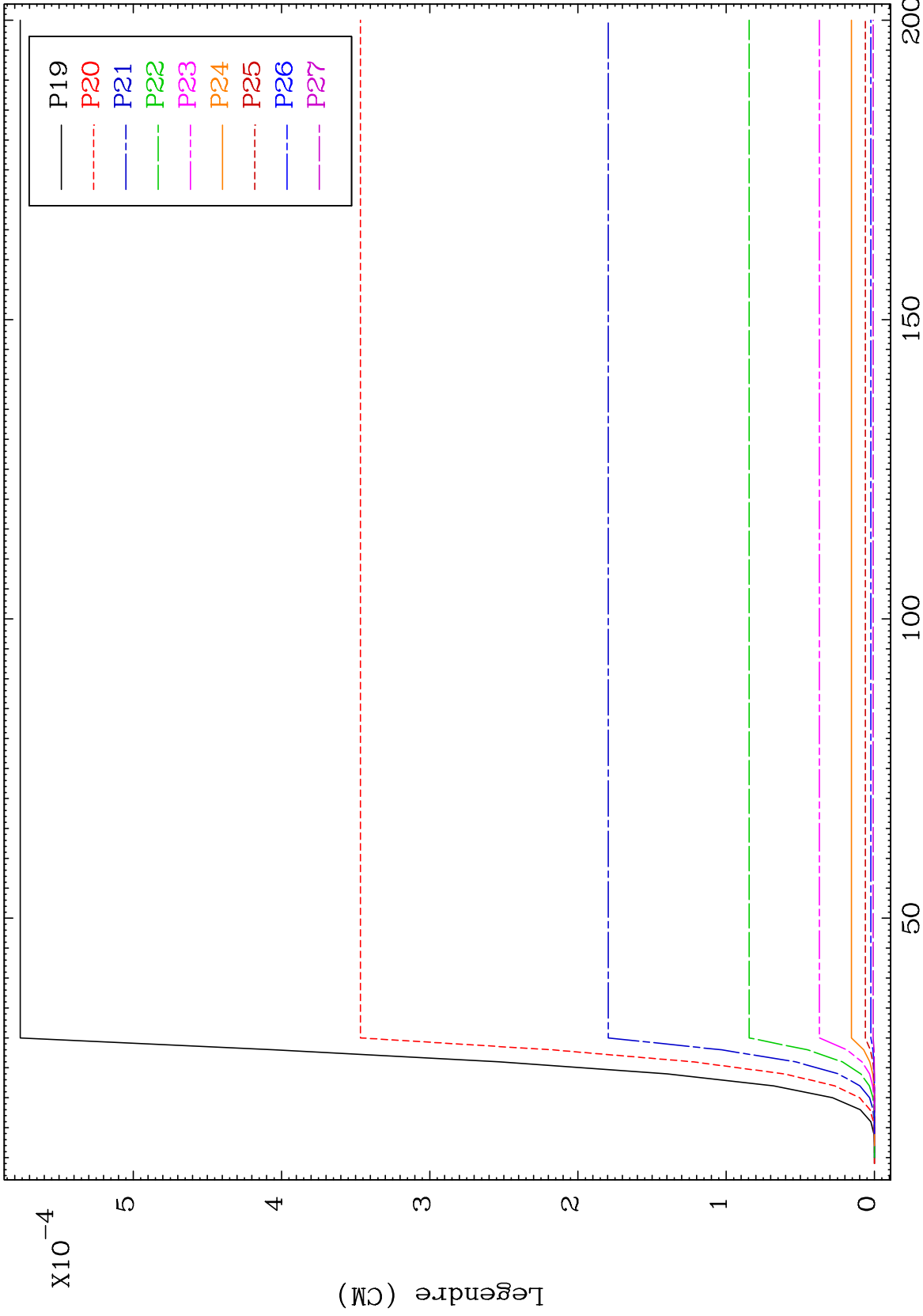
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



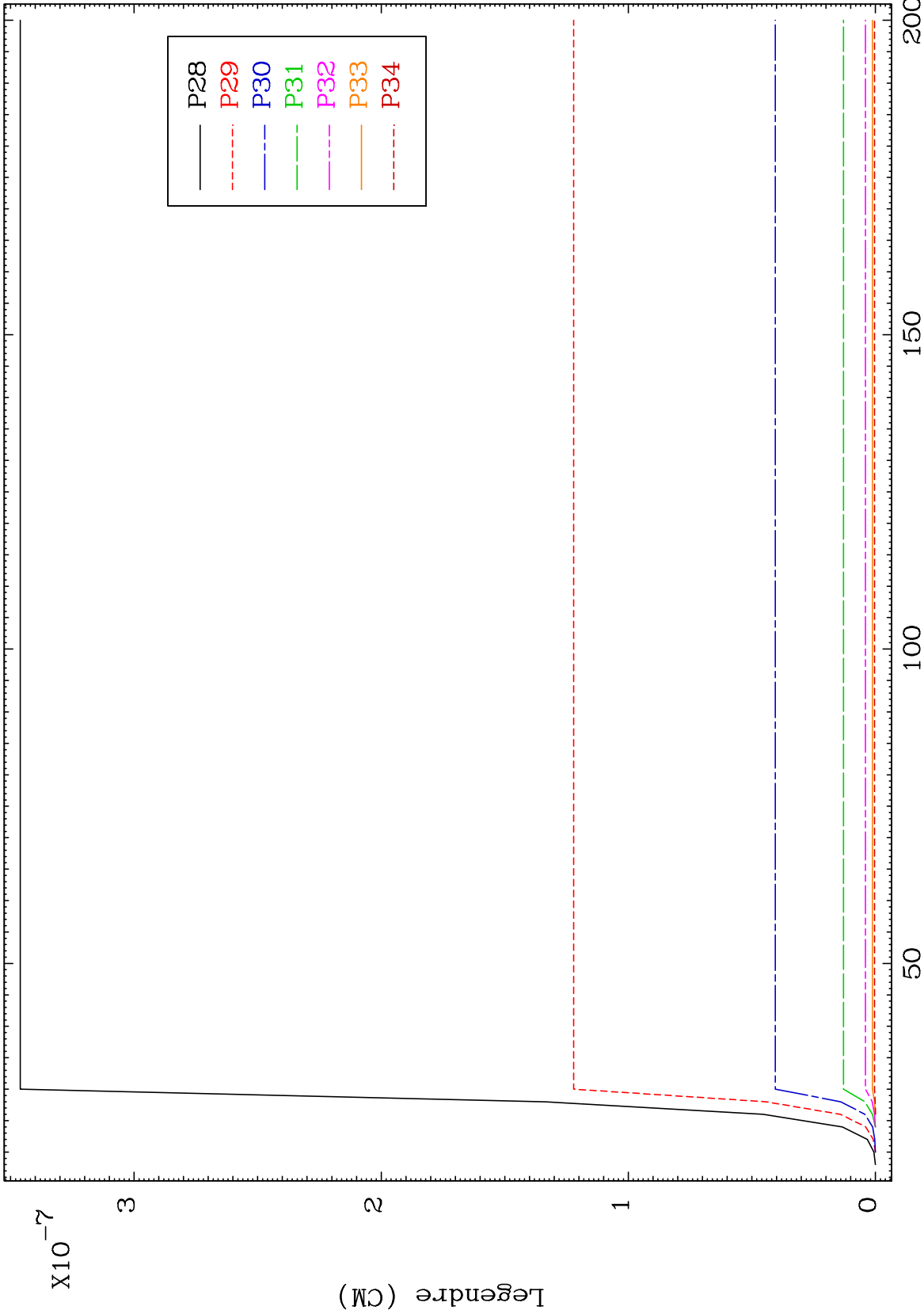
106

40-Zr-96

MAT 4043

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

40-Zr-96



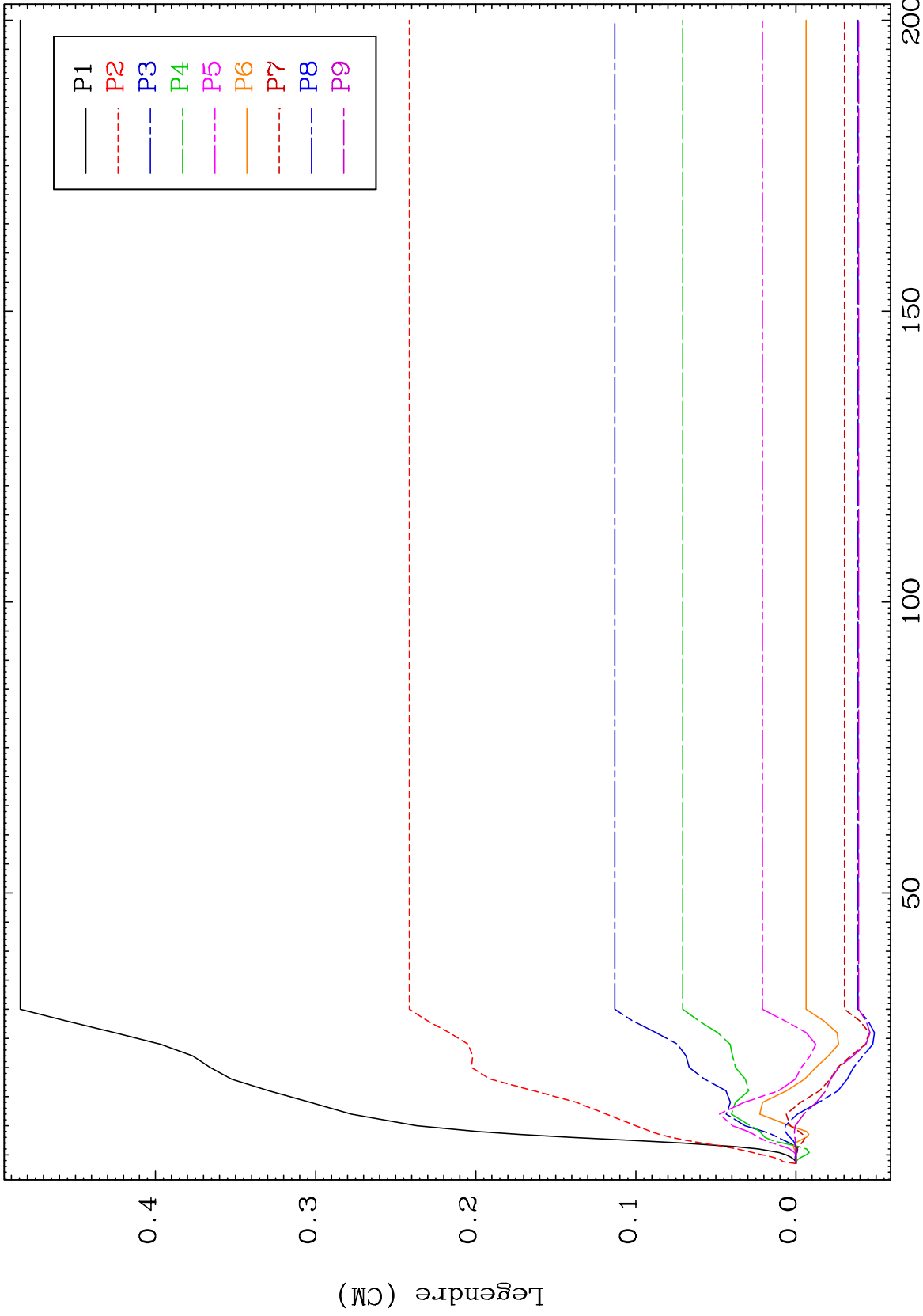
107

40-Zr-96

MAT 4043

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

40-Zr-96



108

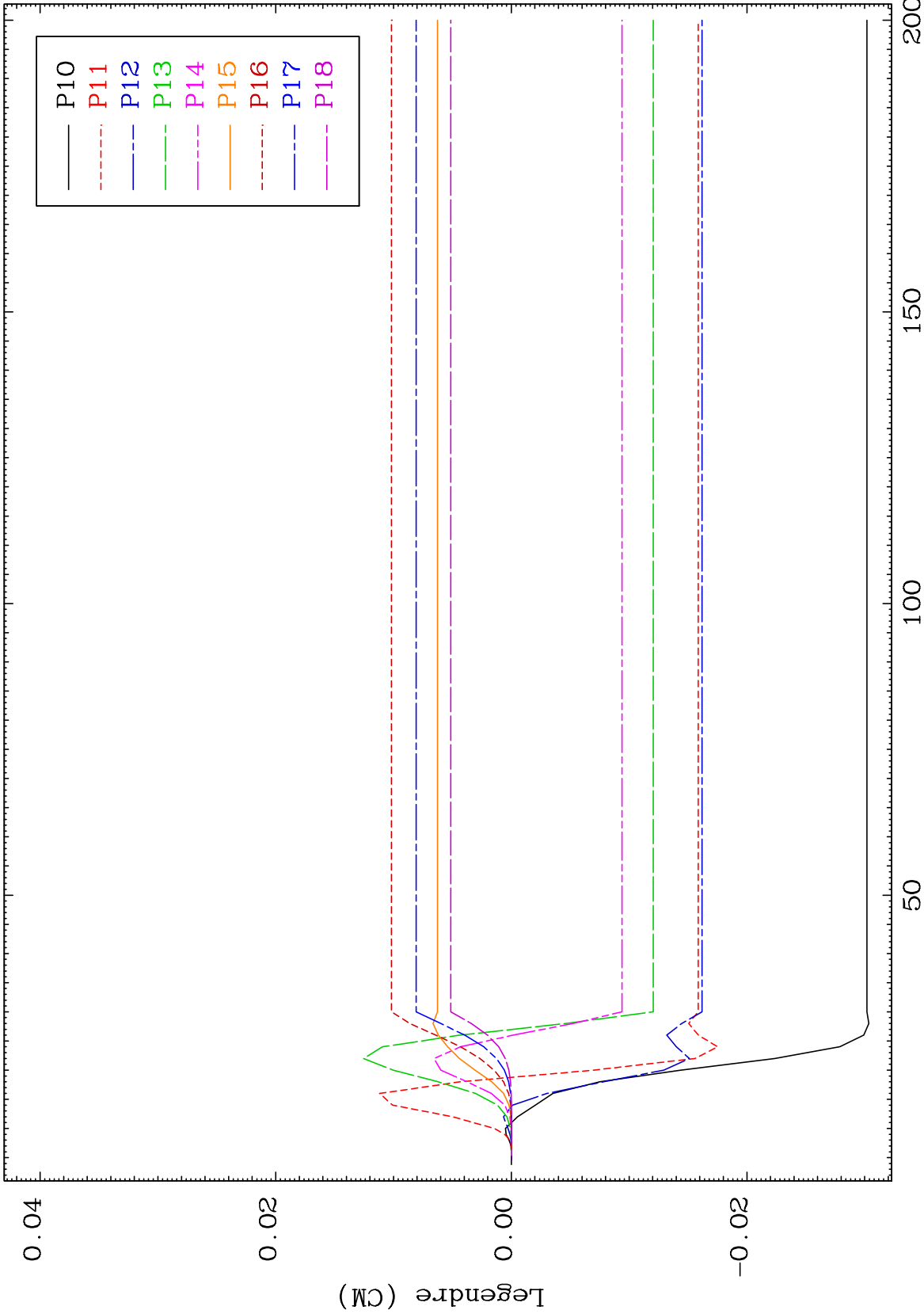
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96

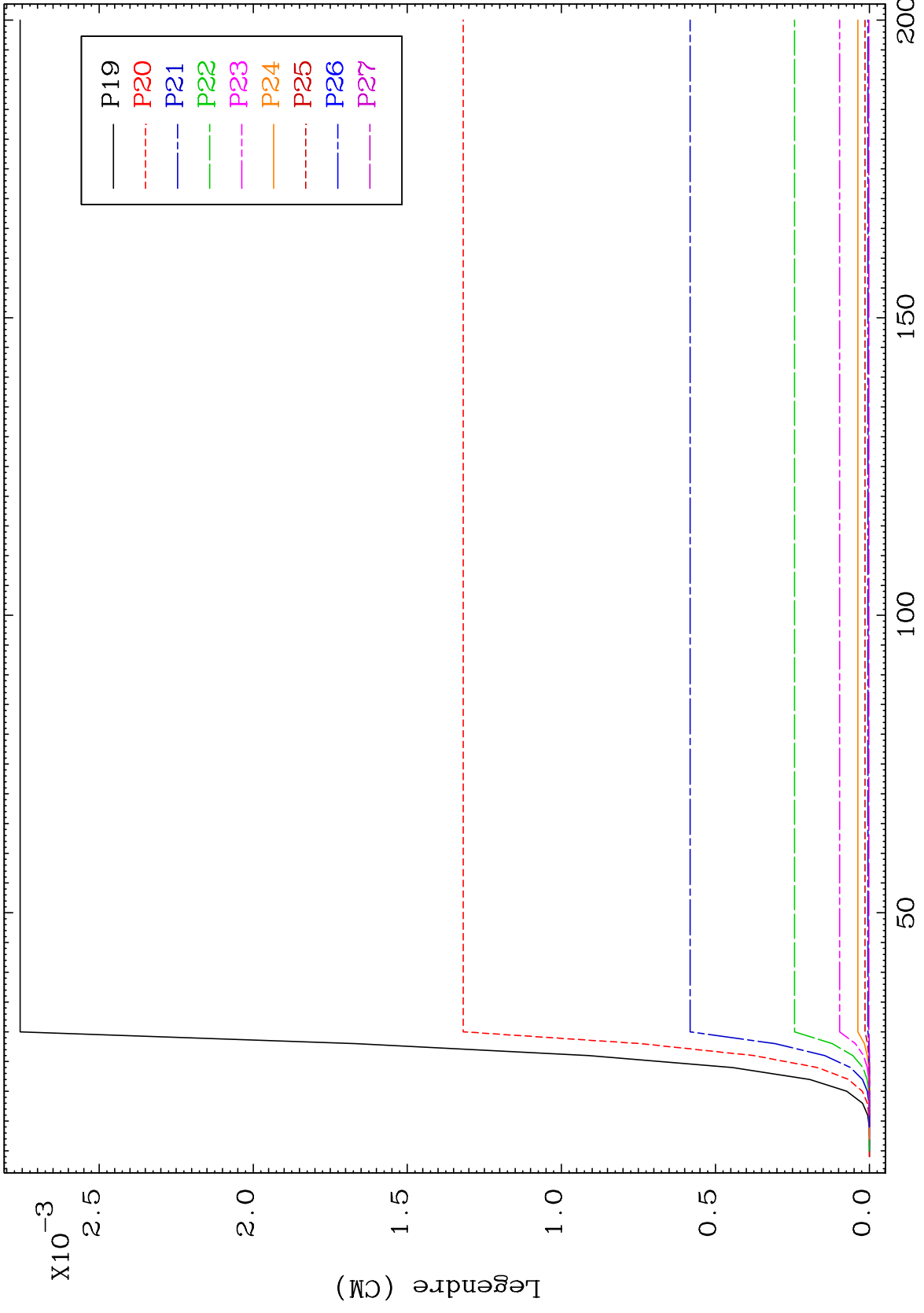


109

Incident Energy (MeV)

40-Zr-96

MAT 4043 MT= 74 (n,n') Level Legendre Coefficients 40-Zr-96

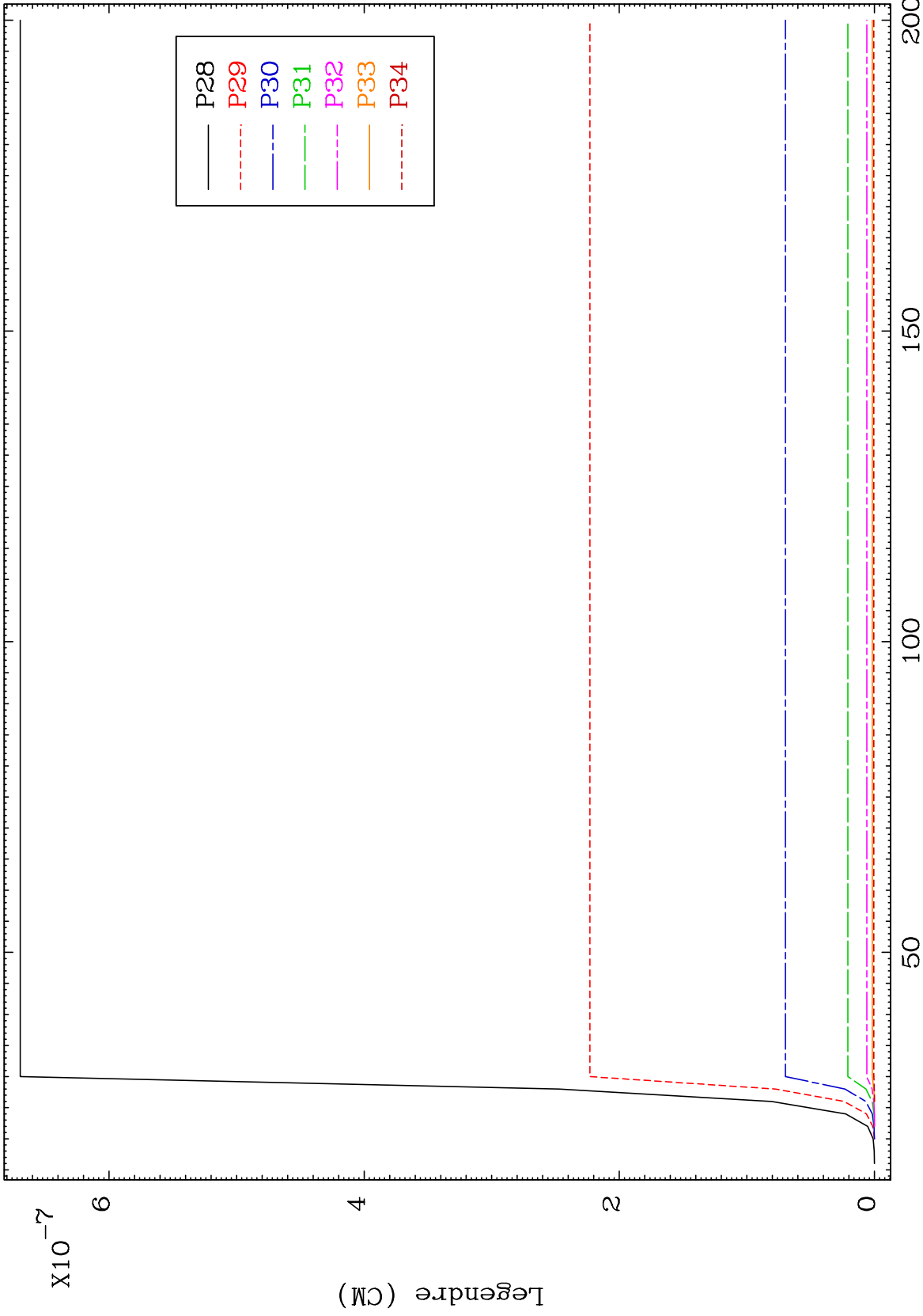


110 Incident Energy (MeV) 40-Zr-96

MAT 4043

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

40-Zr-96



111

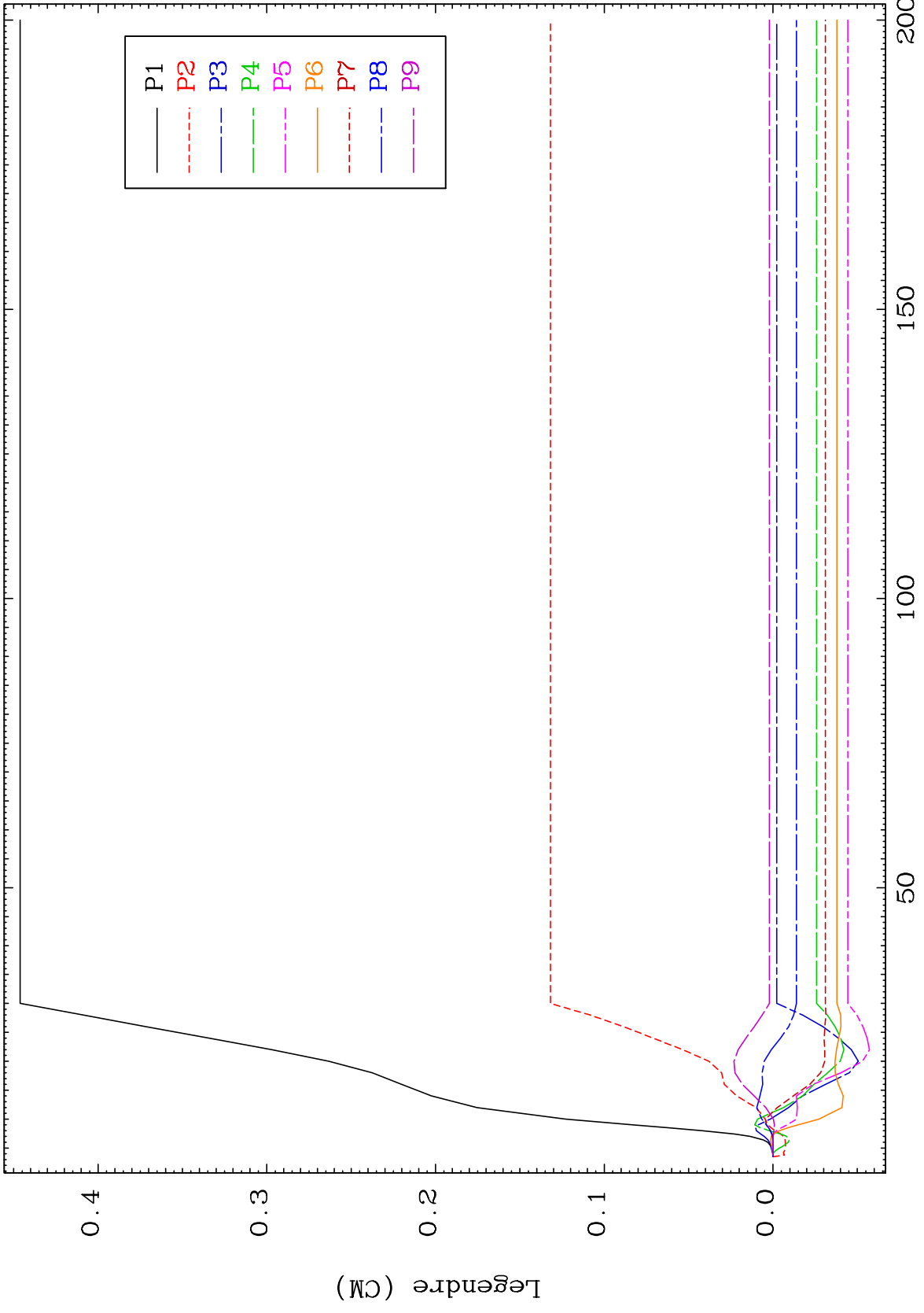
40-Zr-96



MAT 4043

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

40-Zr-96



112

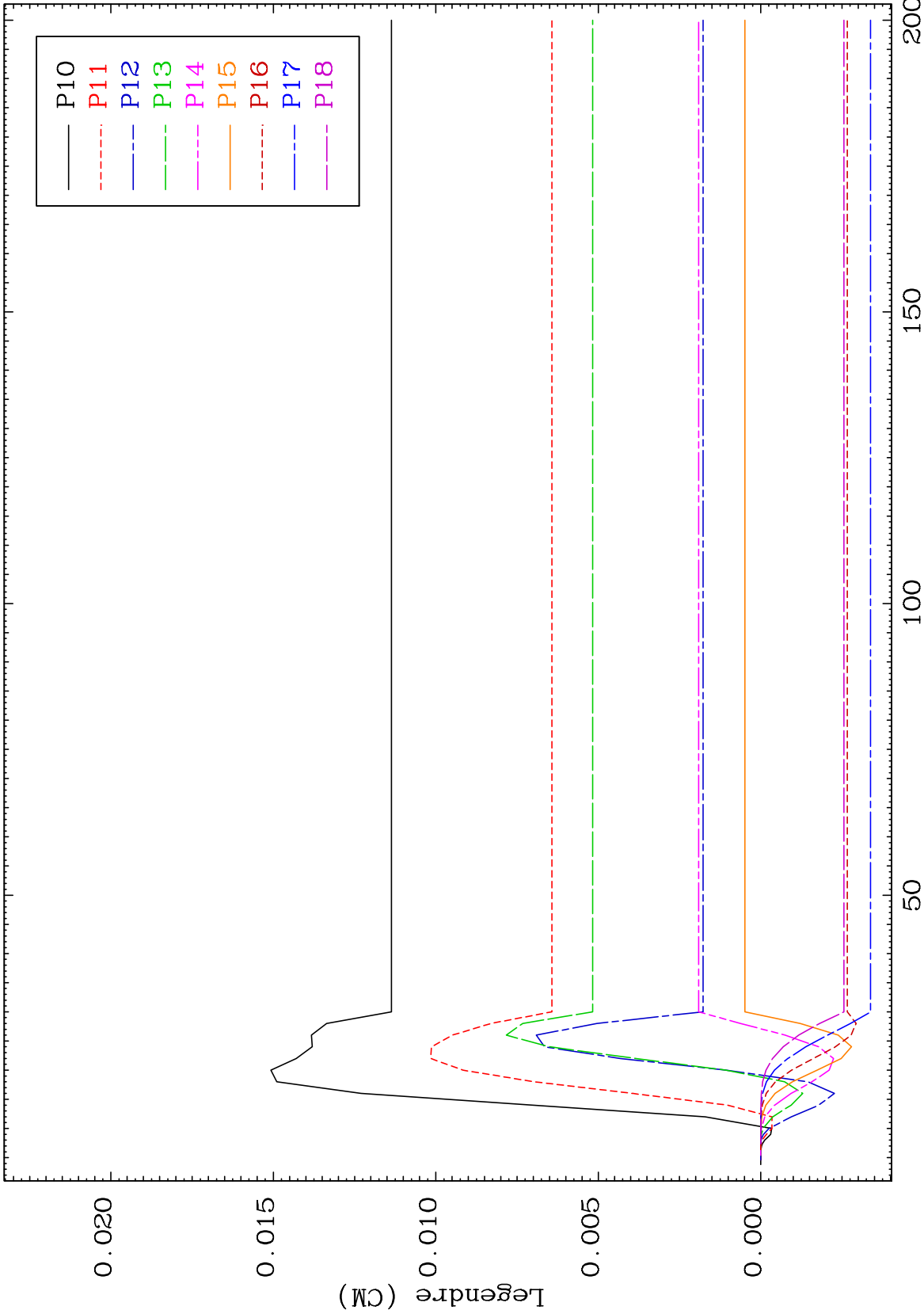
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



40-Zr-96

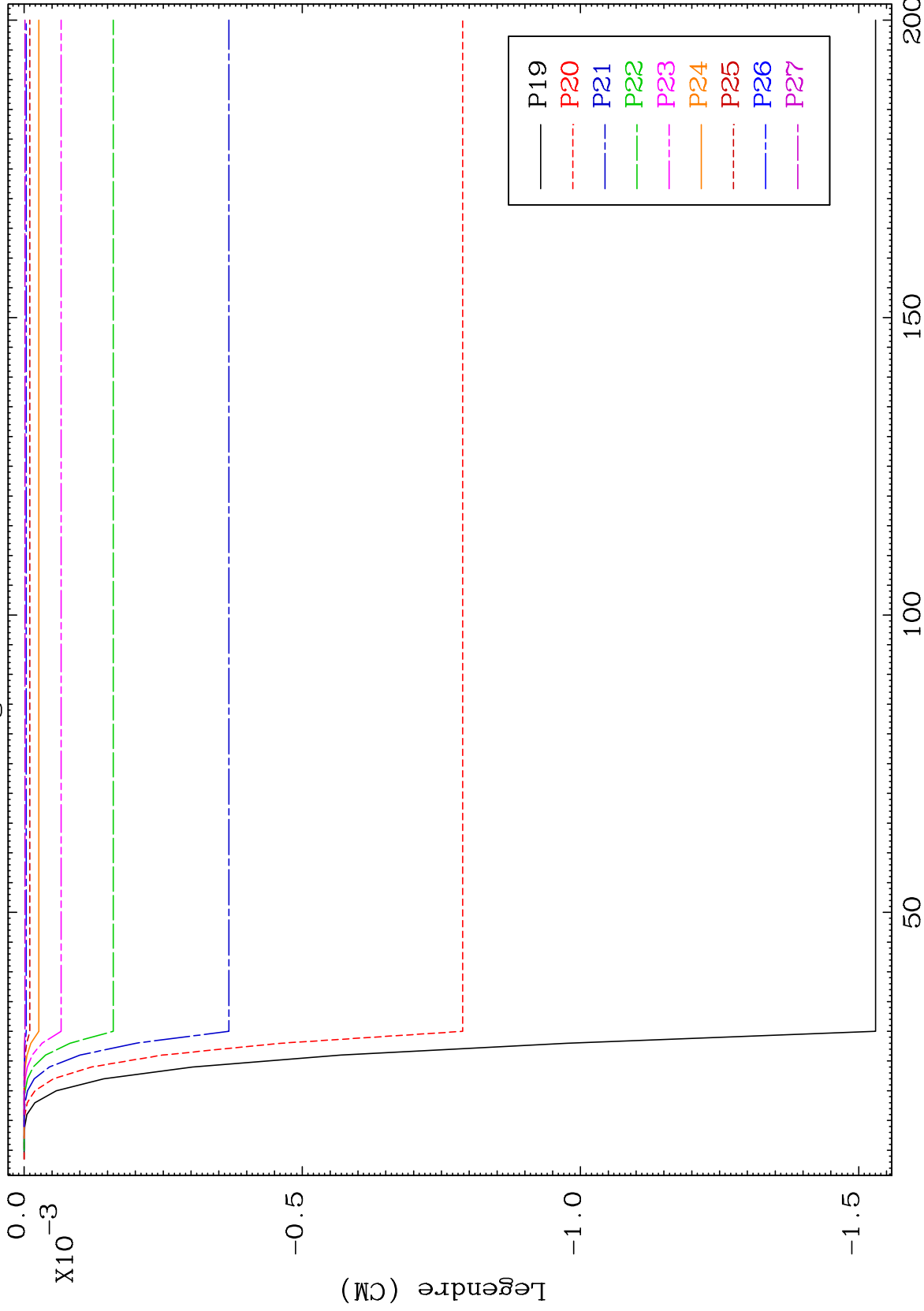
Incident Energy (MeV)

113

MAT 4043

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

40-Zr-96



40-Zr-96

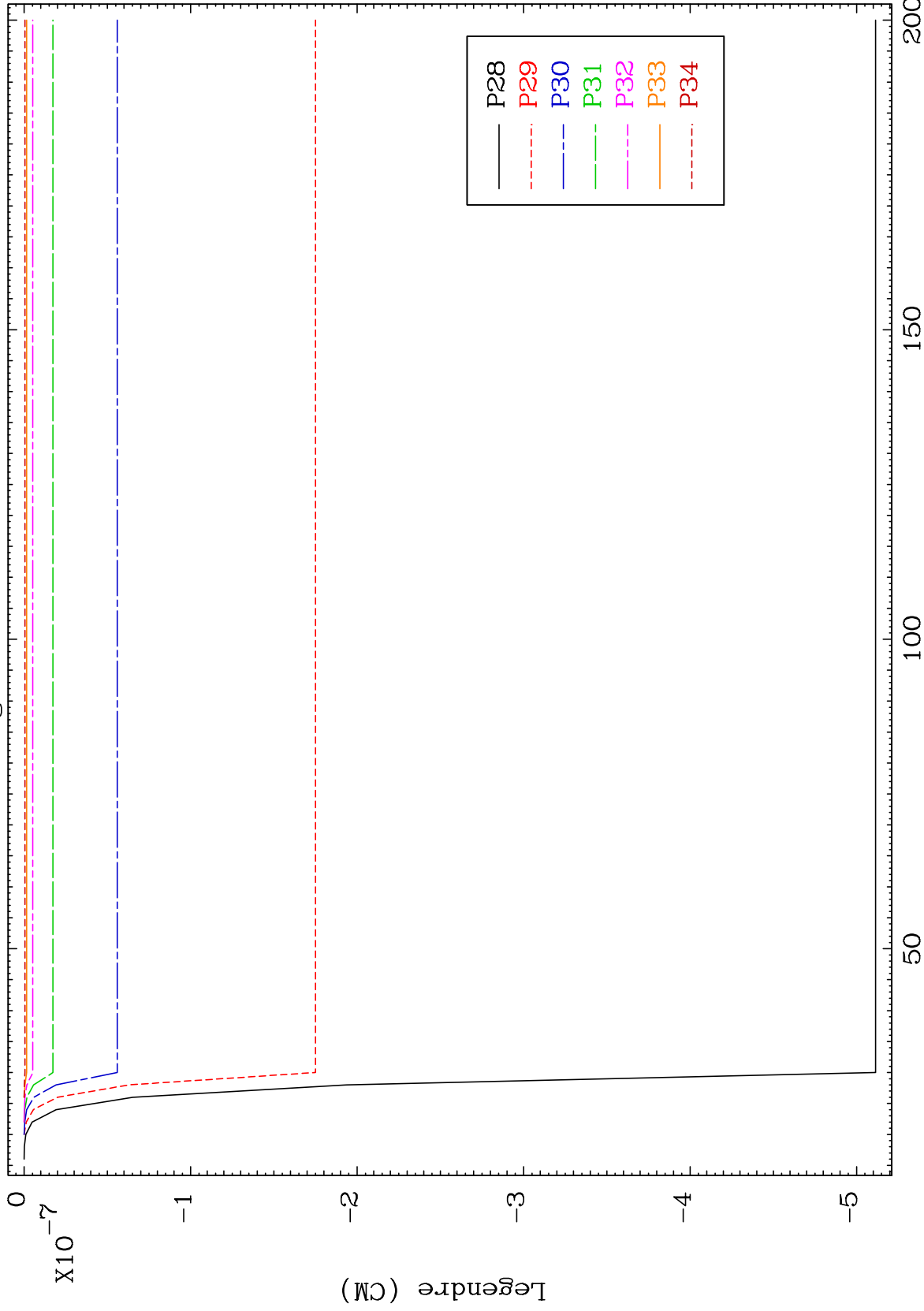
Incident Energy (MeV)

114

MAT 4043

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

40-Zr-96

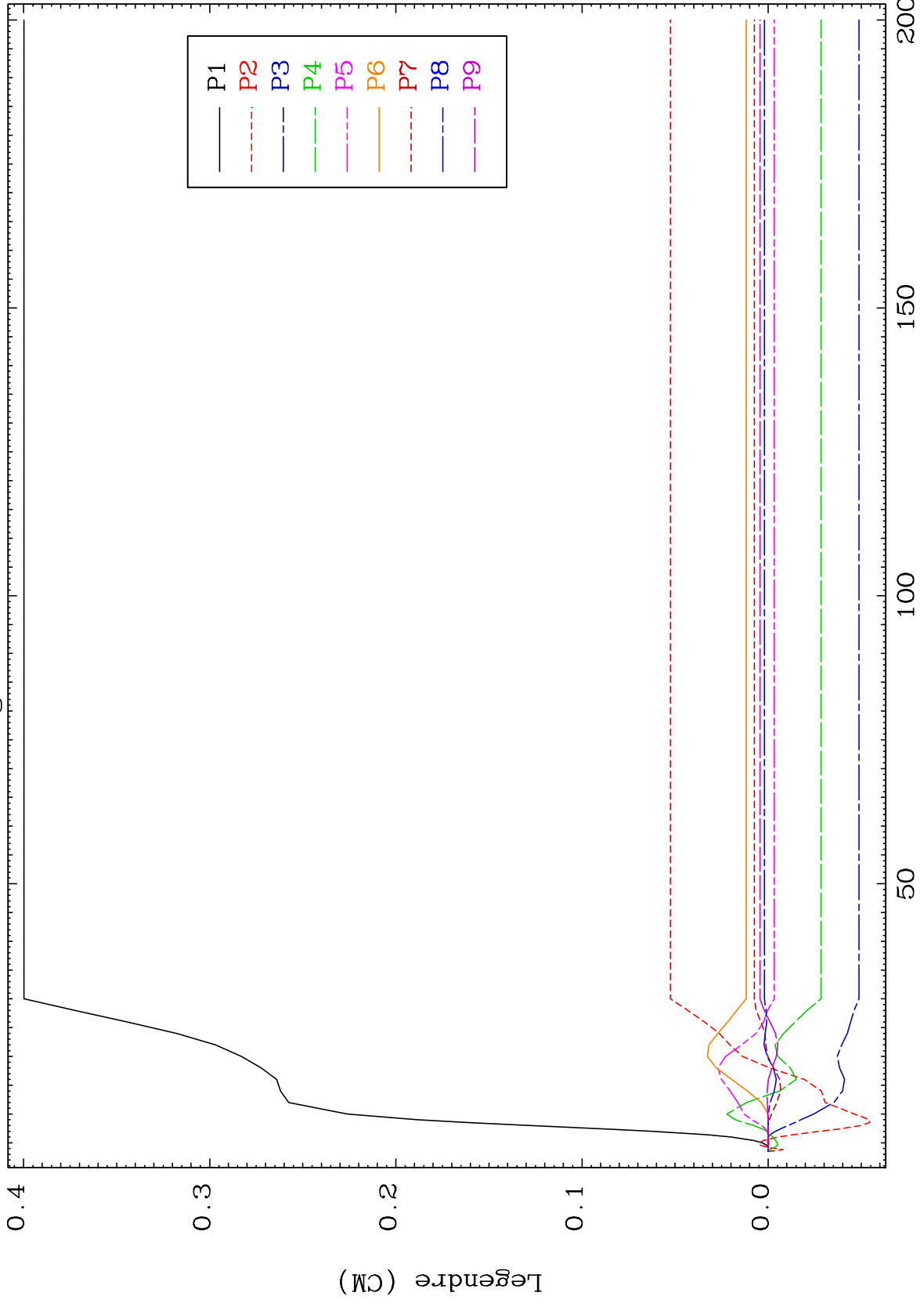


40-Zr-96

Incident Energy (MeV)

115

MAT 4043 MT= 76 (n,n') Level Legendre Coefficients 40-Zr-96

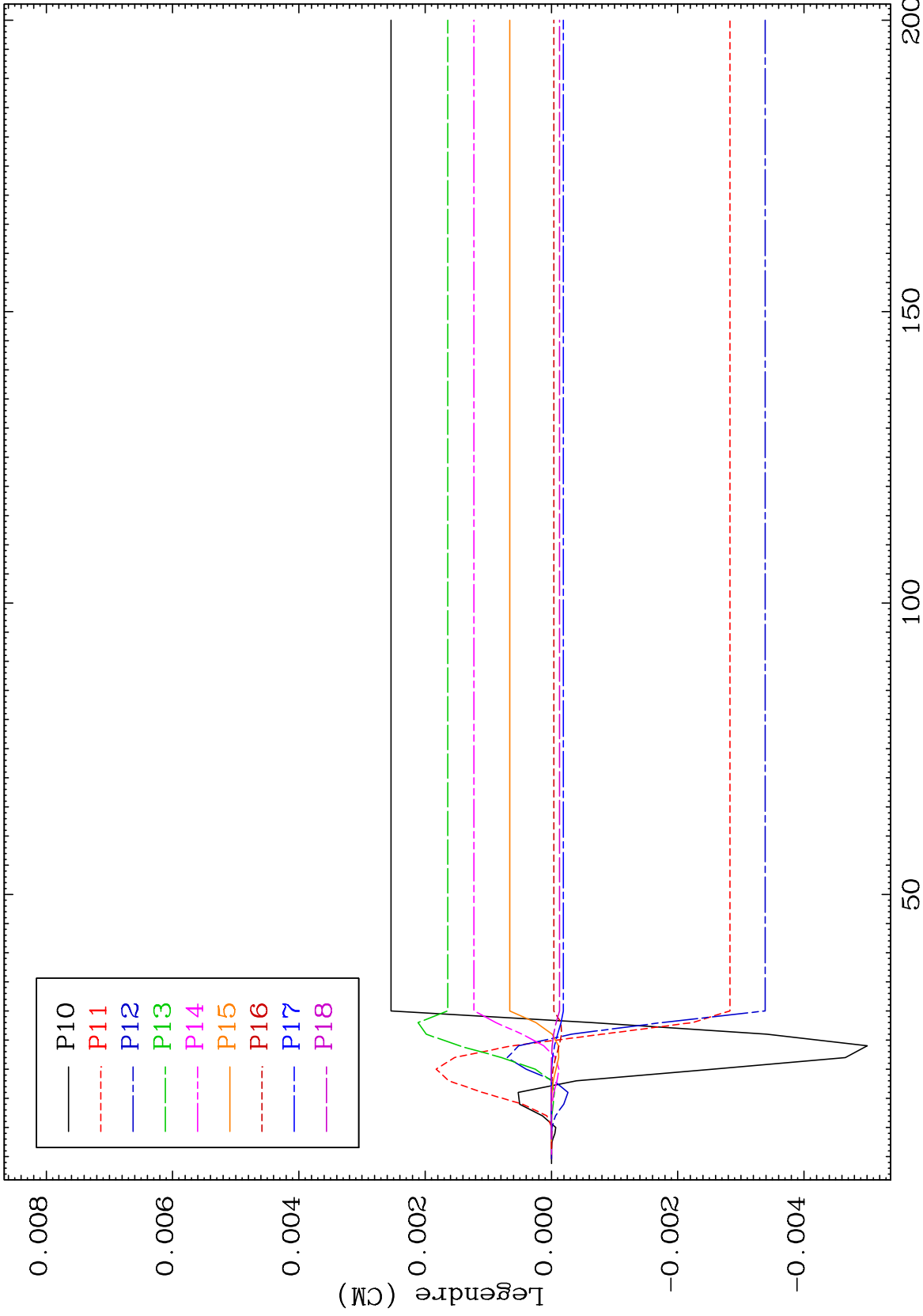


116 40-Zr-96

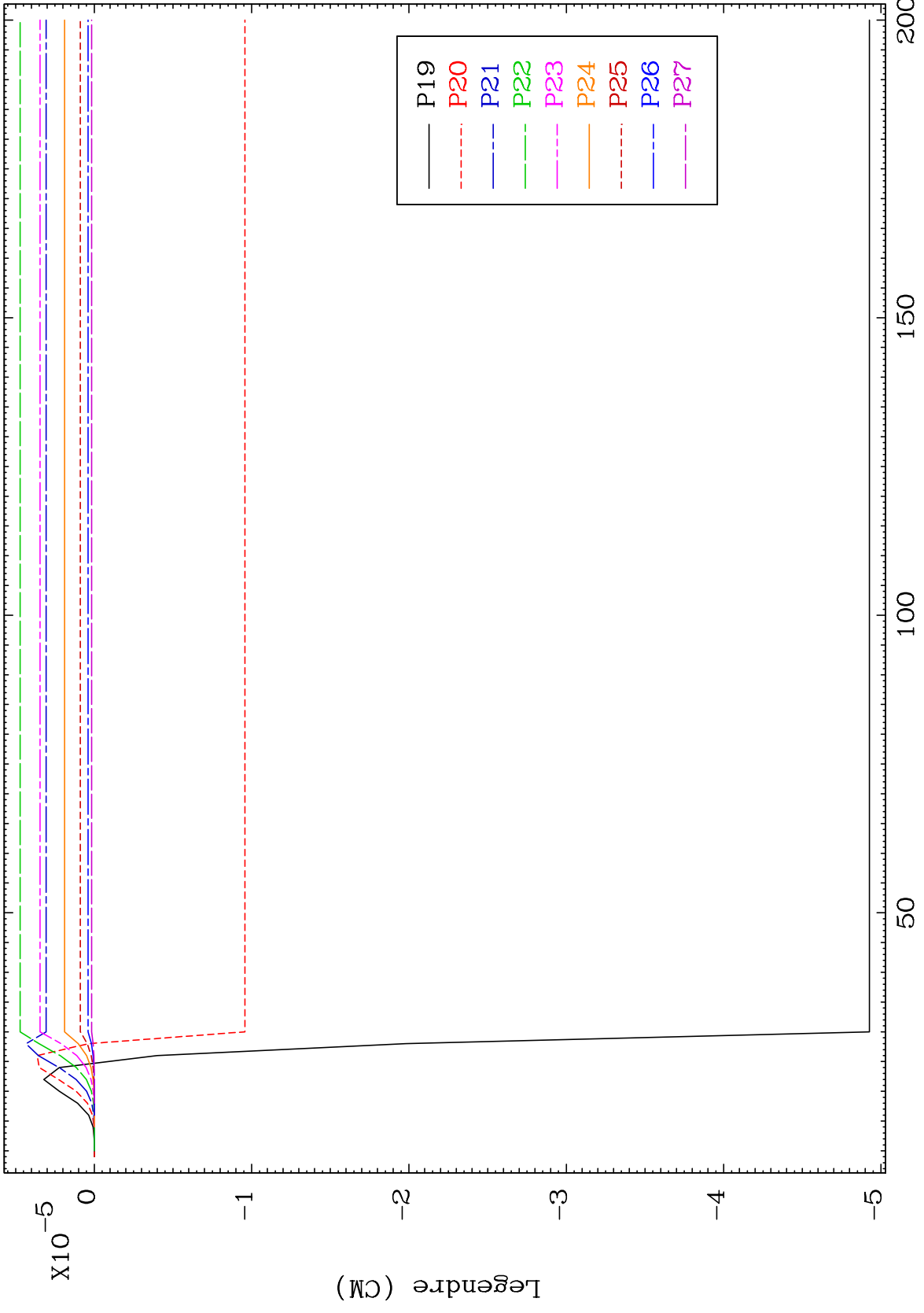
MAT 4043

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

40-Zr-96



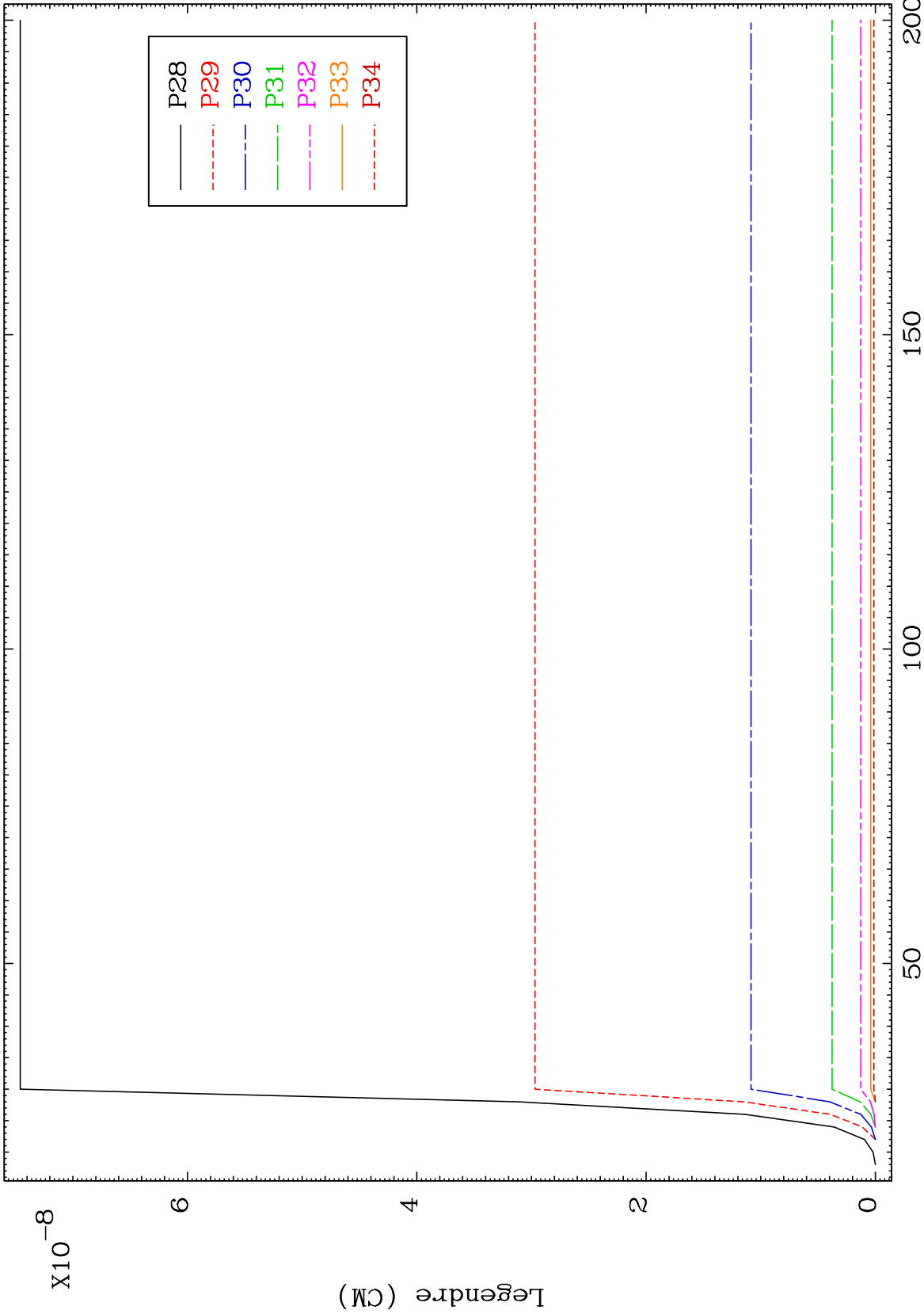
MAT 4043 MT= 76 (n,n') Level Legendre Coefficients 40-Zr-96



MAT 4043

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

40-Zr-96



119

Incident Energy (MeV)

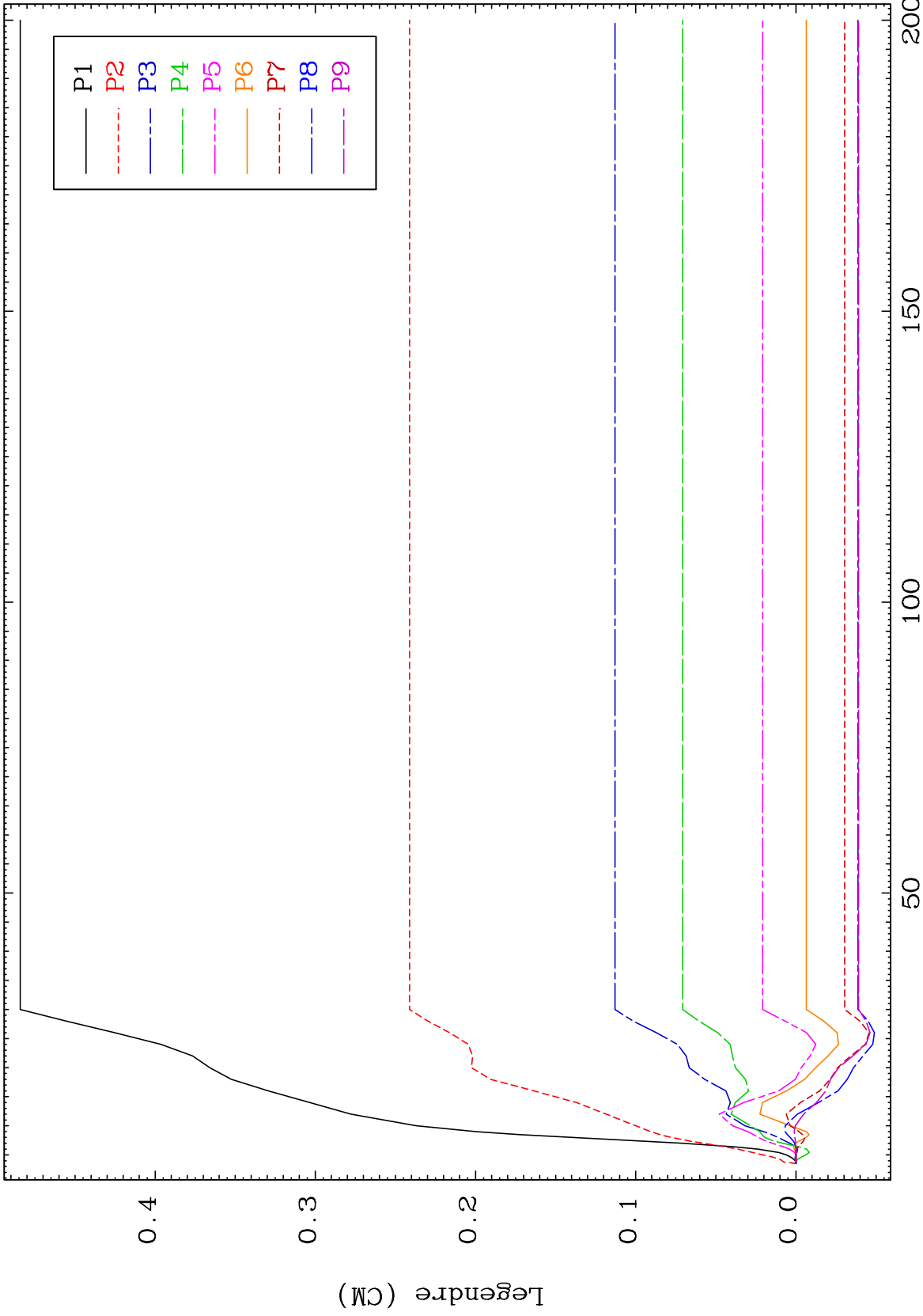
40-Zr-96



MAT 4043

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

40-Zr-96



120

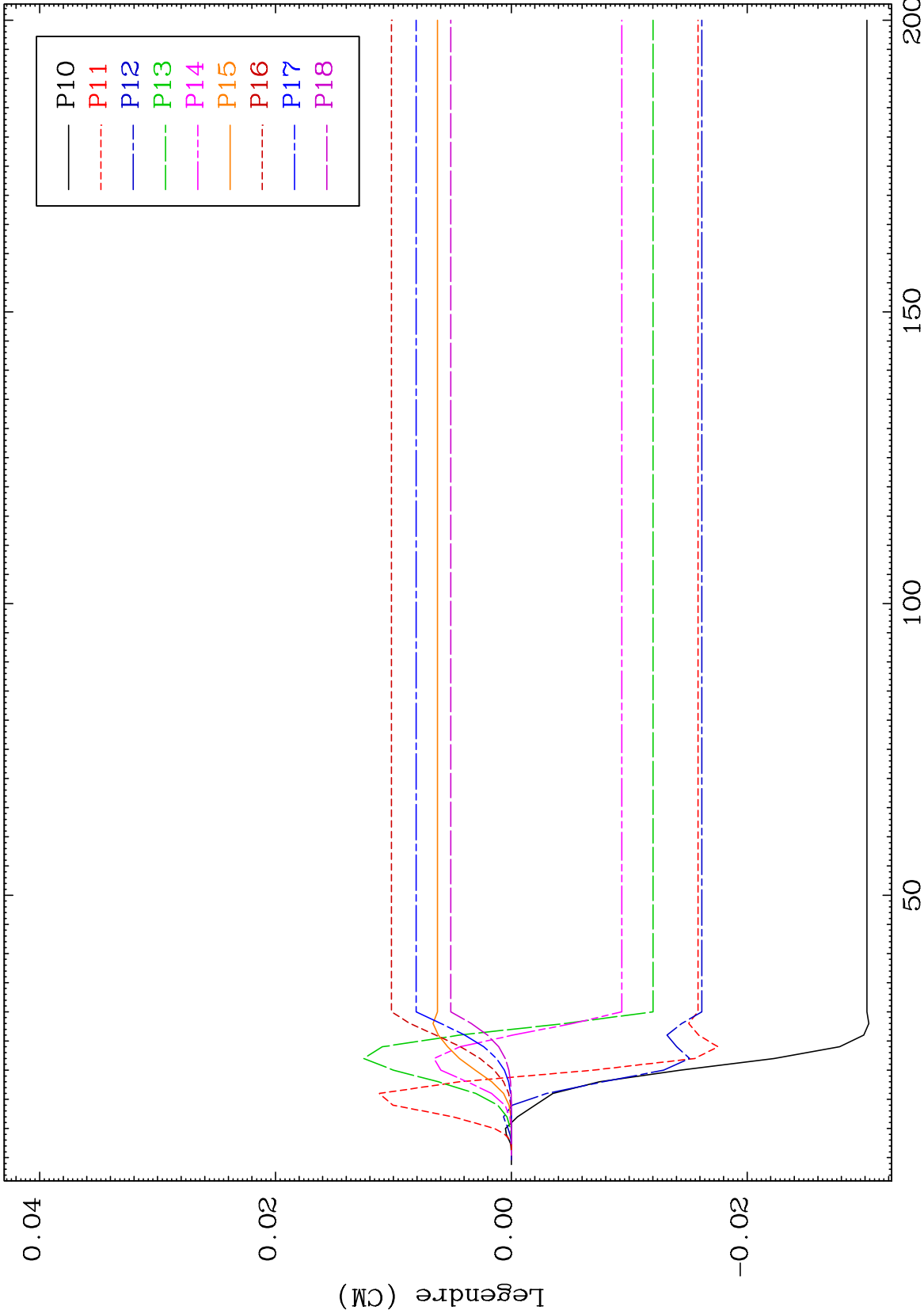
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96

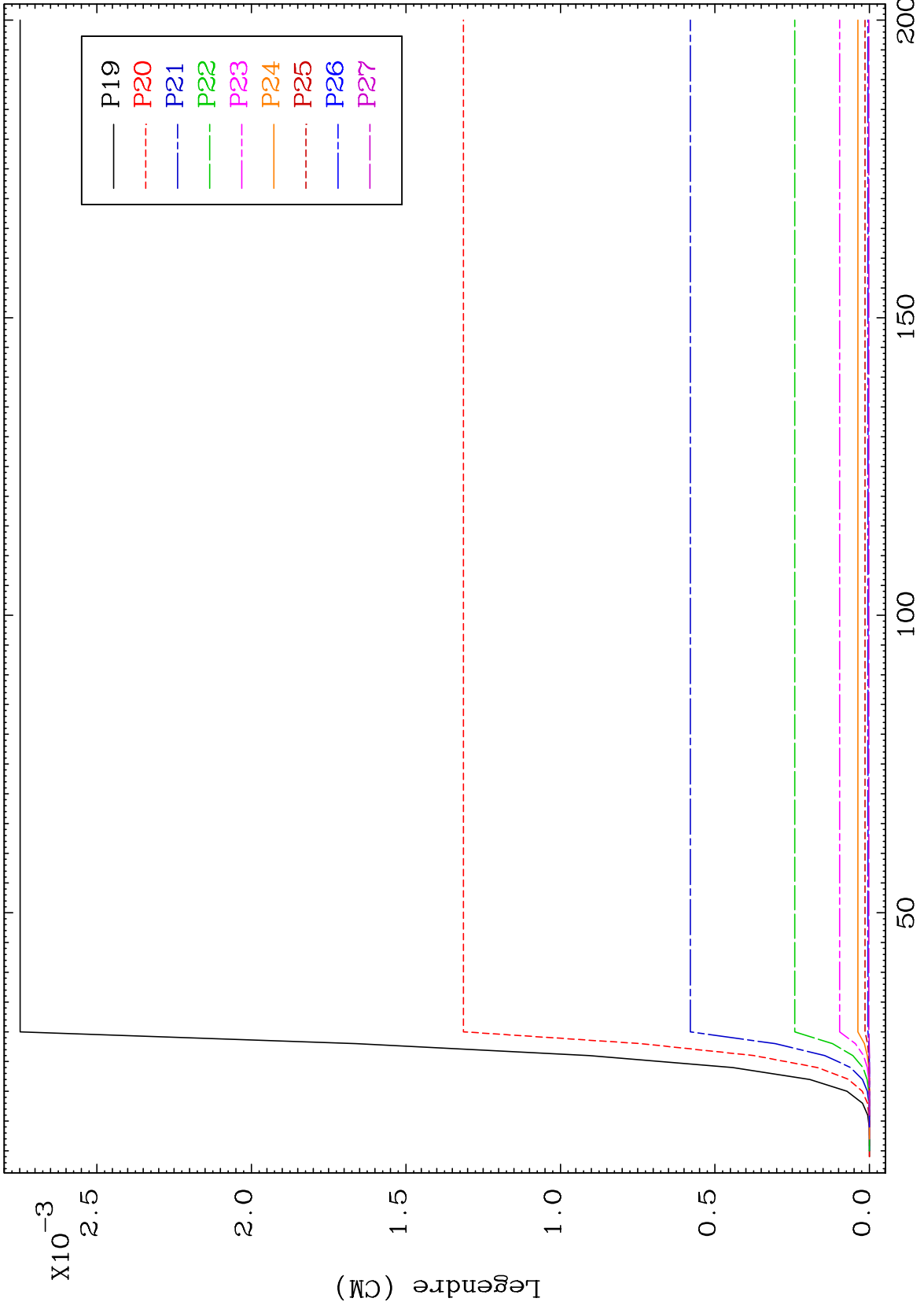


121

Incident Energy (MeV)

40-Zr-96

MAT 4043 MT= 77 (n,n') Level Legendre Coefficients 40-Zr-96

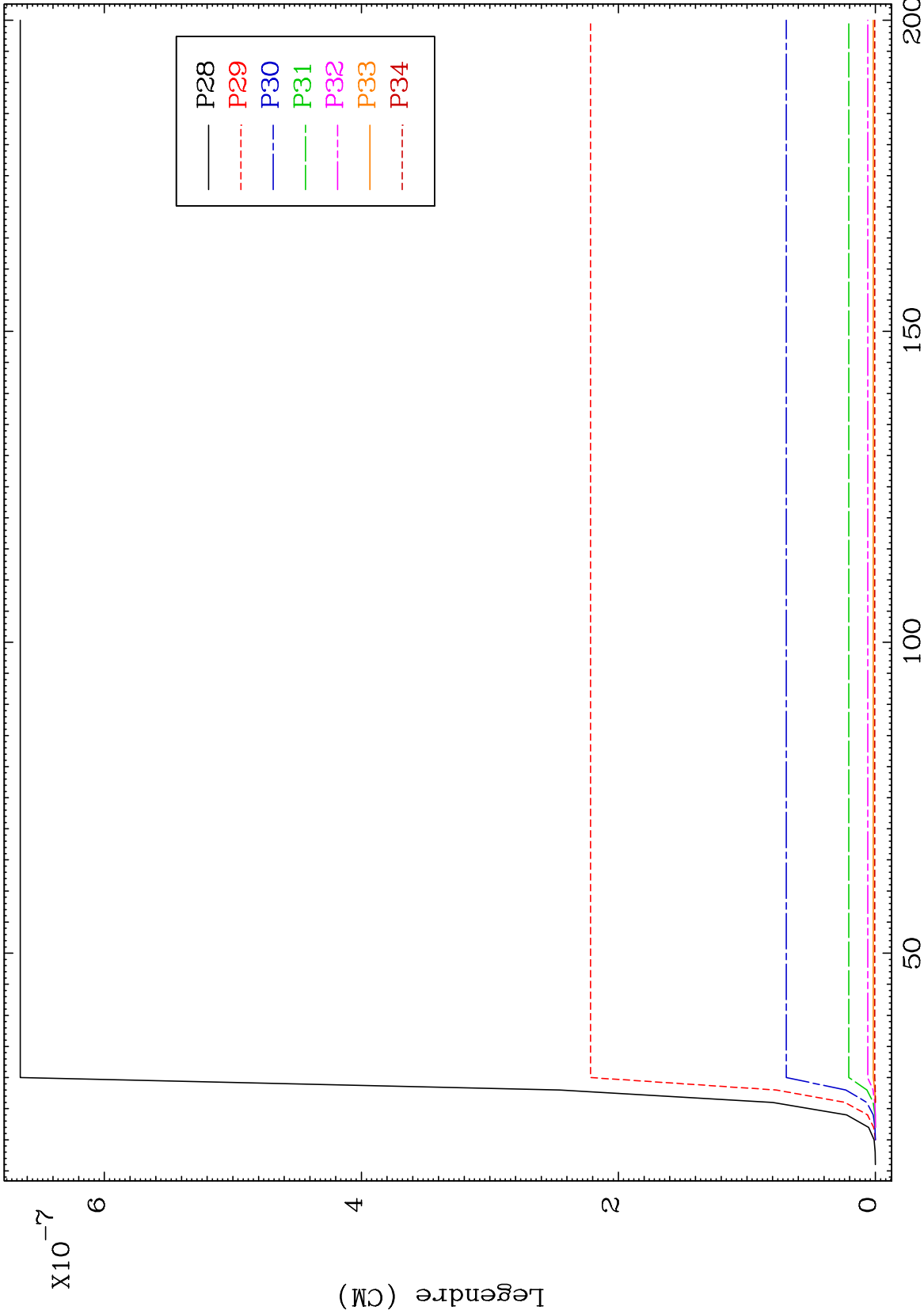


122 Incident Energy (MeV) 40-Zr-96

MAT 4043

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

40-Zr-96

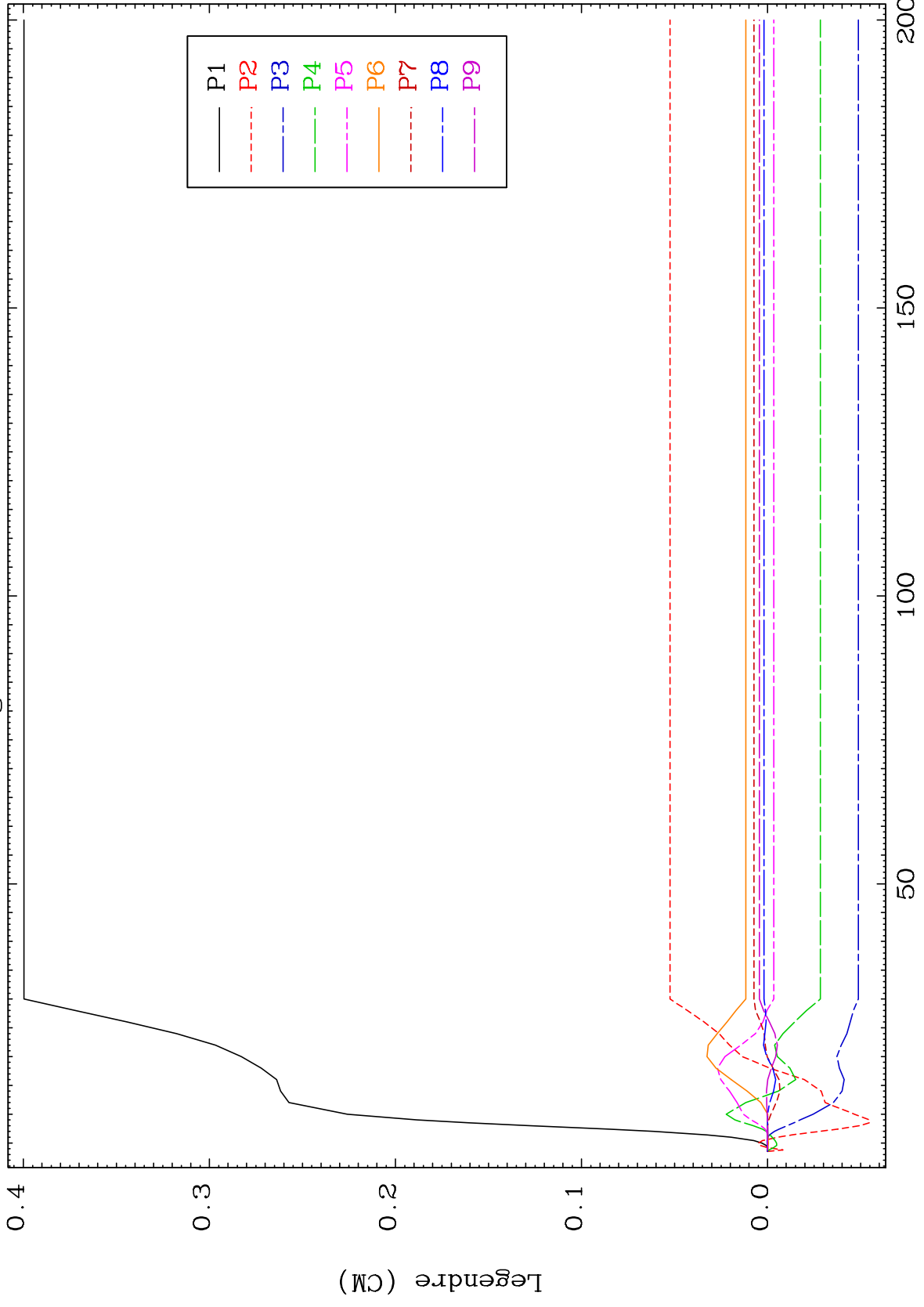


123

Incident Energy (MeV)

40-Zr-96

MAT 4043 MT= 78 (n,n') Level Legendre Coefficients 40-Zr-96

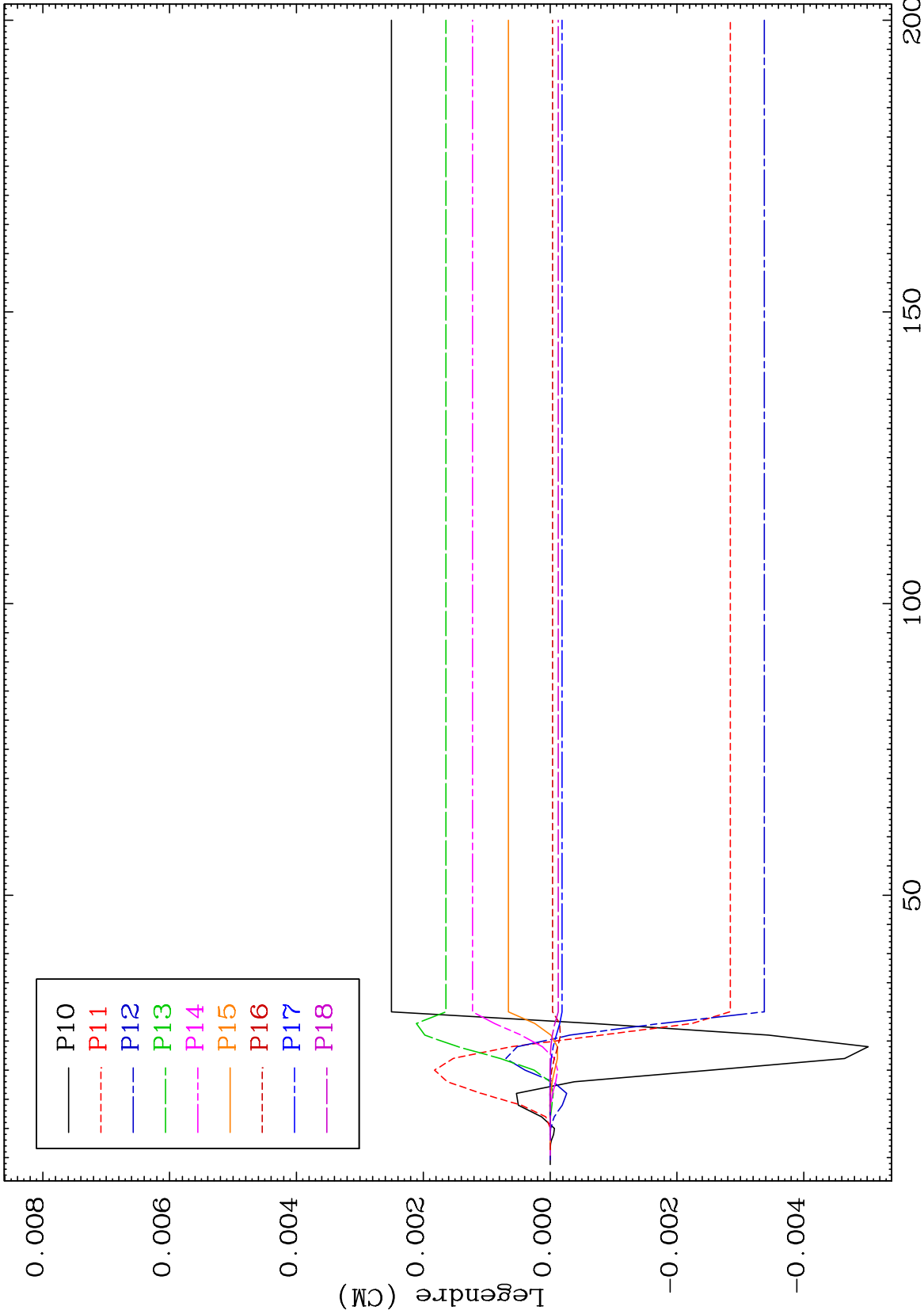


124 Incident Energy (MeV) 40-Zr-96

MAT 4043

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

40-Zr-96

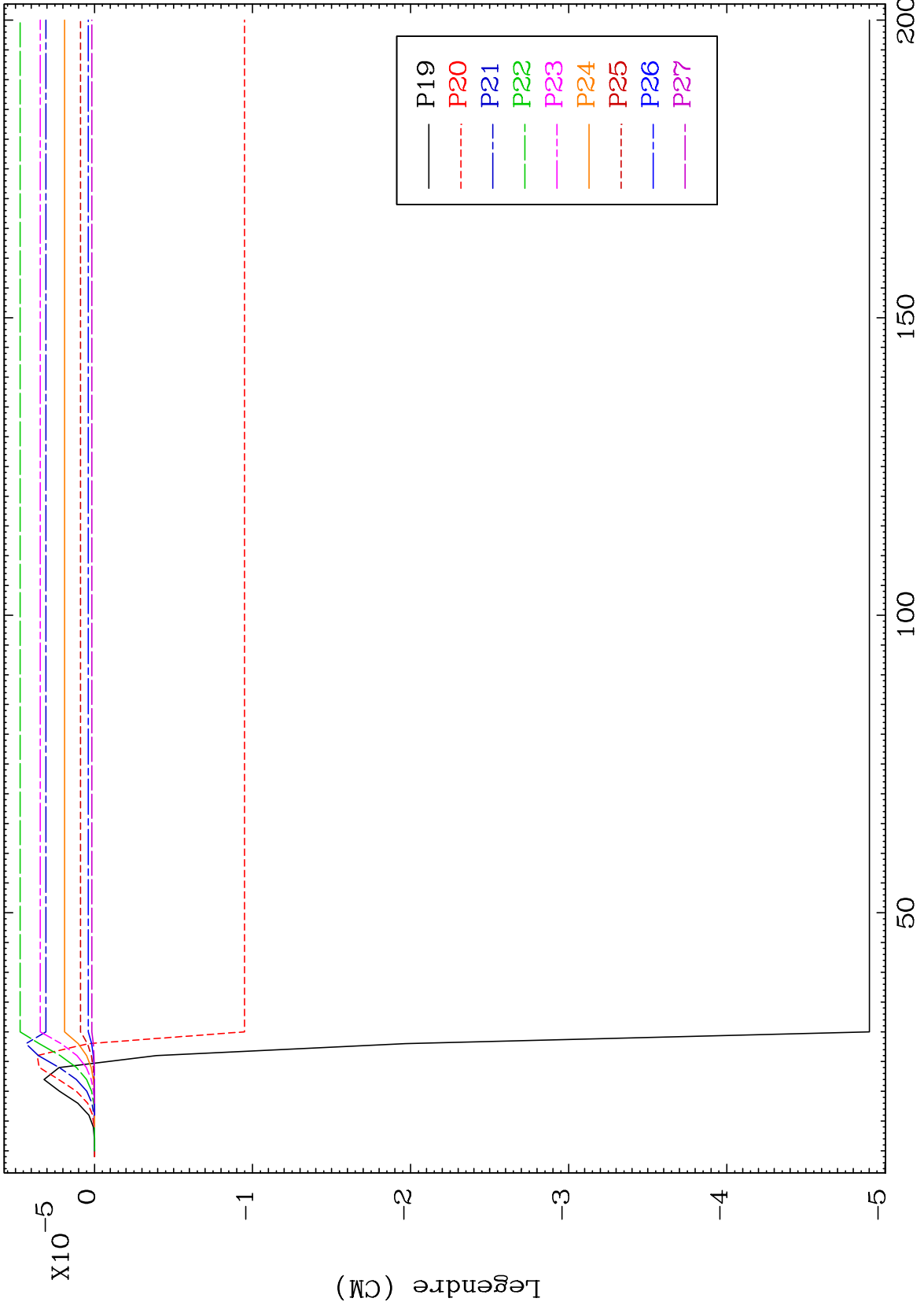


125

Incident Energy (MeV)

40-Zr-96

MAT 4043 MT= 78 (n,n') Level Legendre Coefficients 40-Zr-96

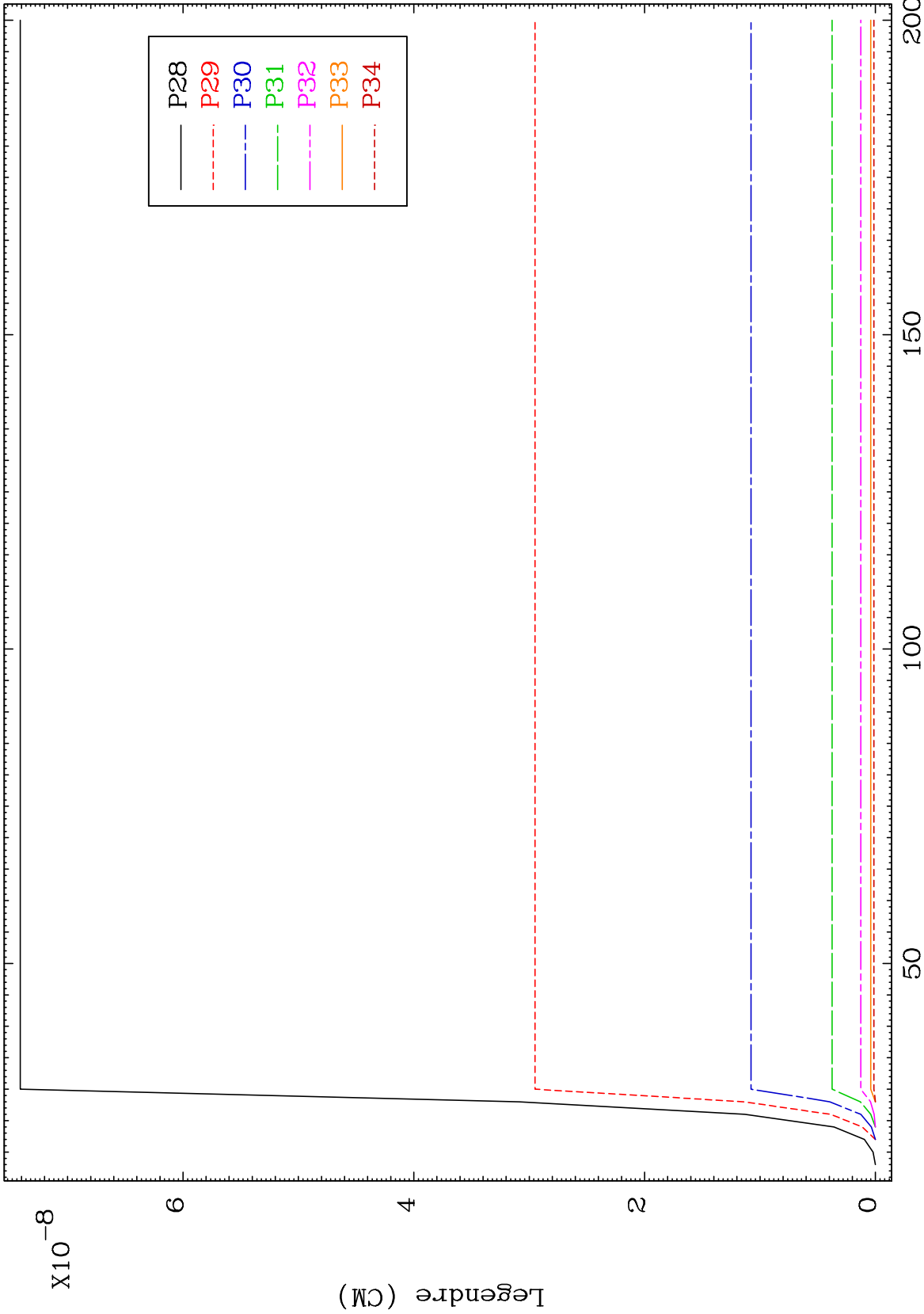


126 40-Zr-96

MAT 4043

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

40-Zr-96

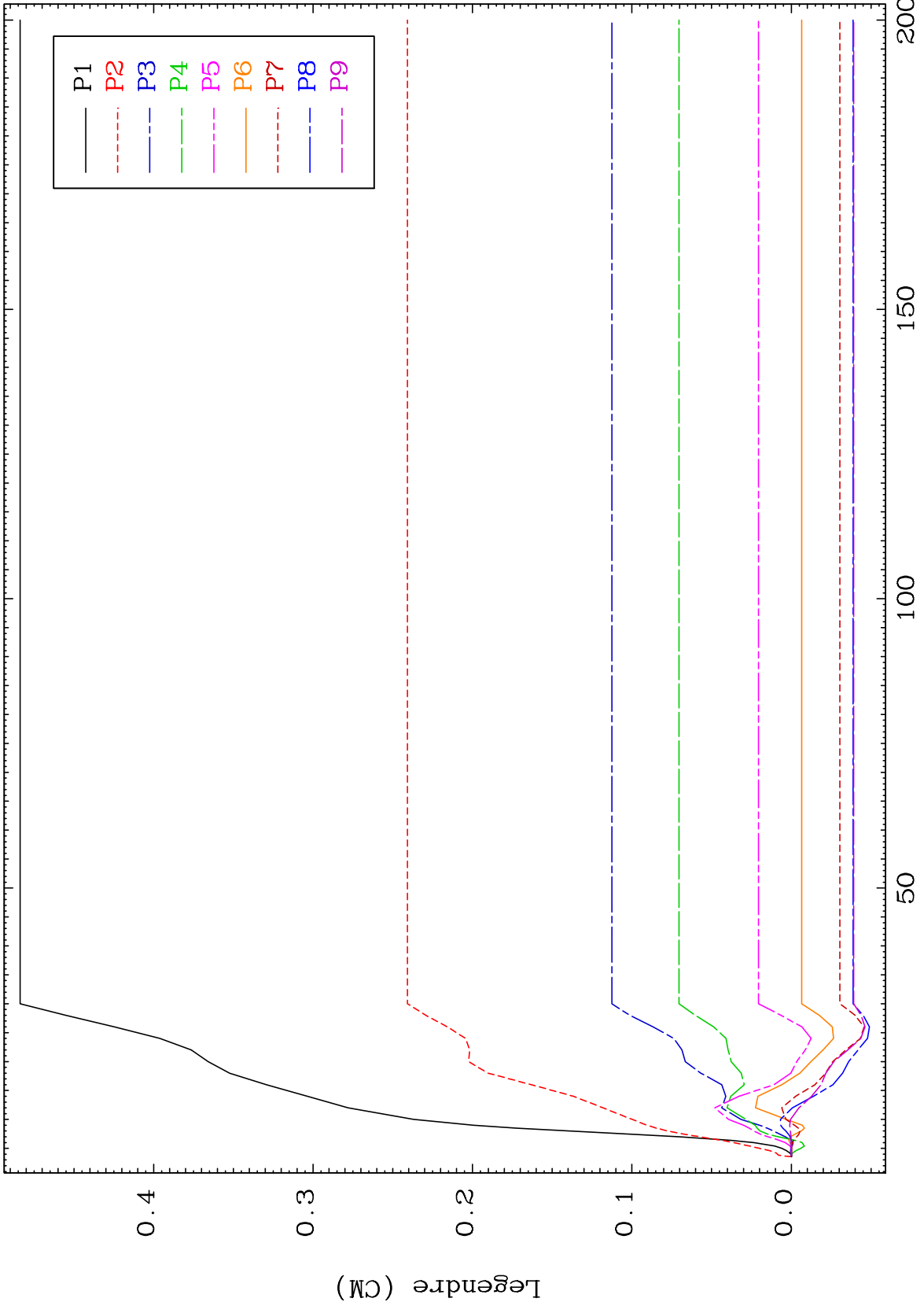


127

40-Zr-96



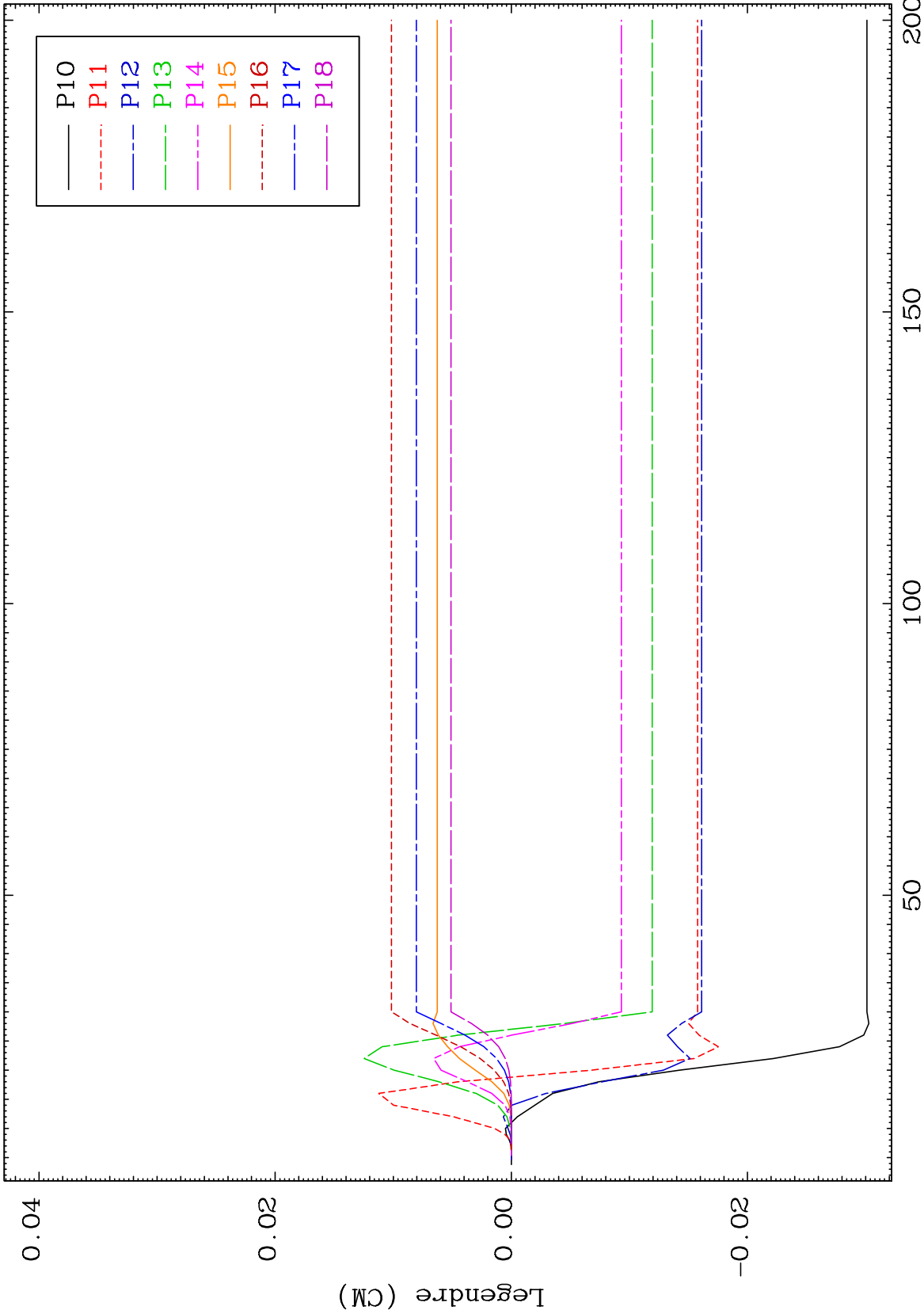
MAT 4043 MT= 79 (n,n') Level Legendre Coefficients 40-Zr-96



MAT 4043

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

40-Zr-96



129

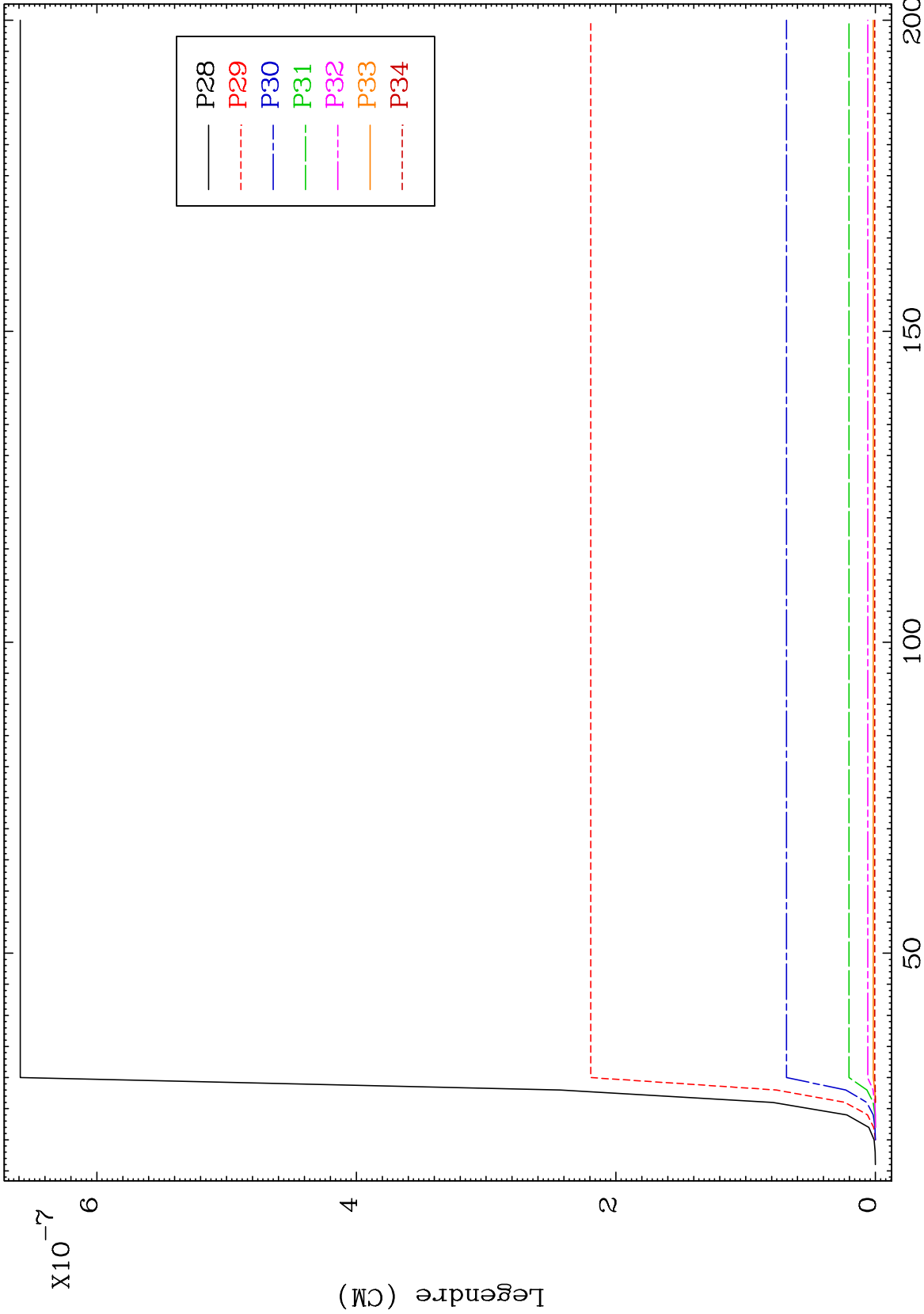
40-Zr-96



MAT 4043

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

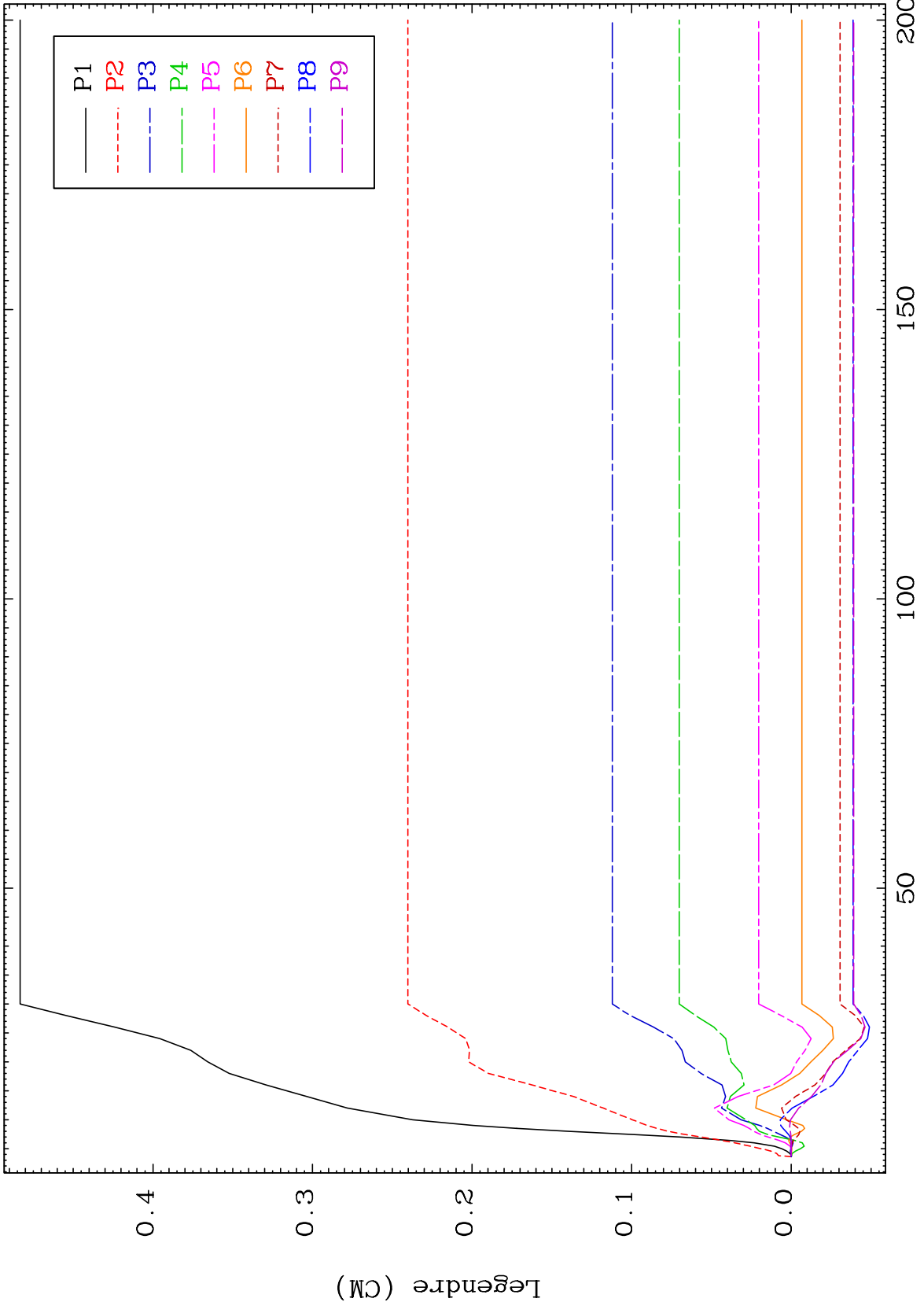
40-Zr-96



131

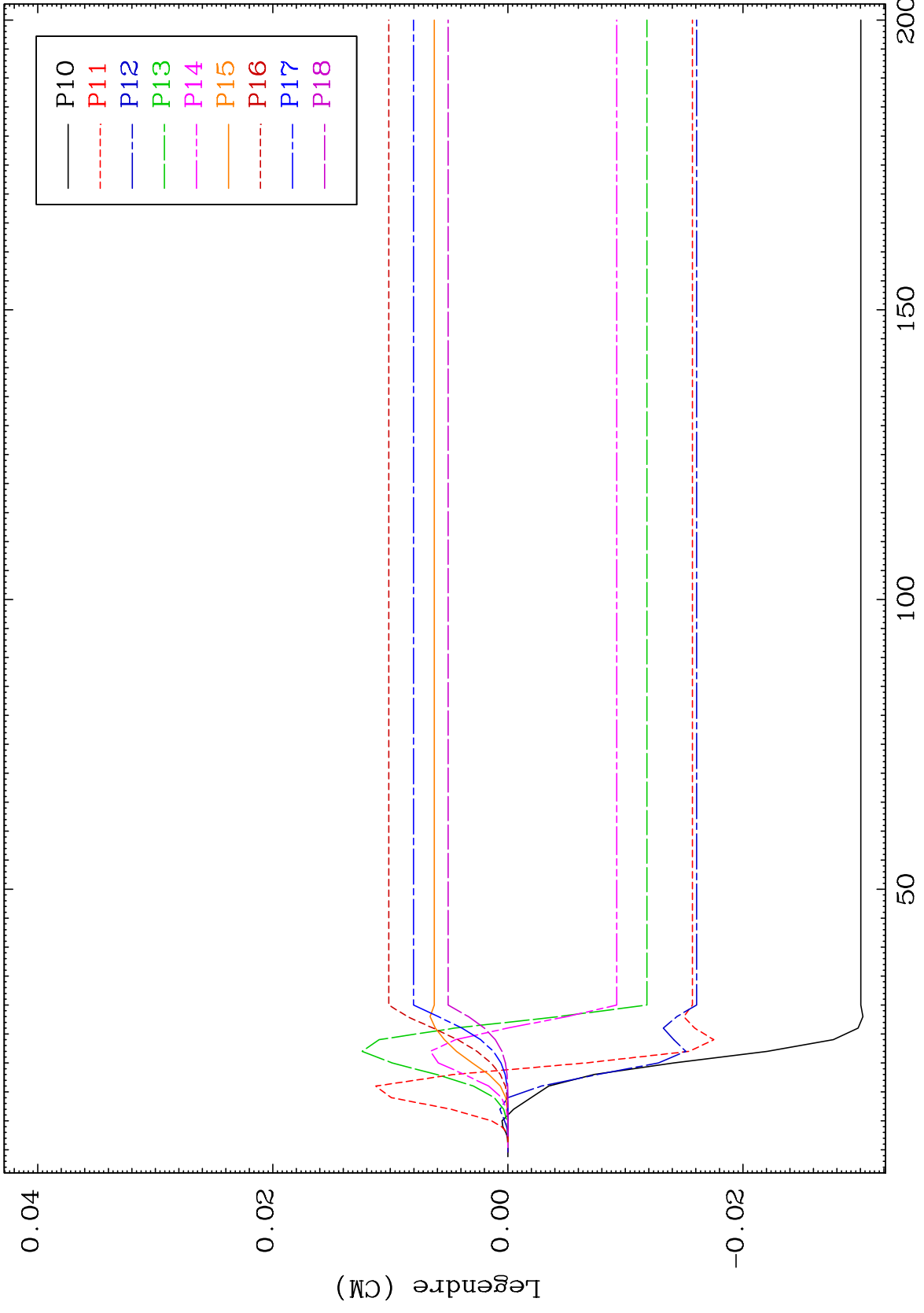
40-Zr-96

MAT 4043 MT= 80 (n,n') Level Legendre Coefficients 40-Zr-96



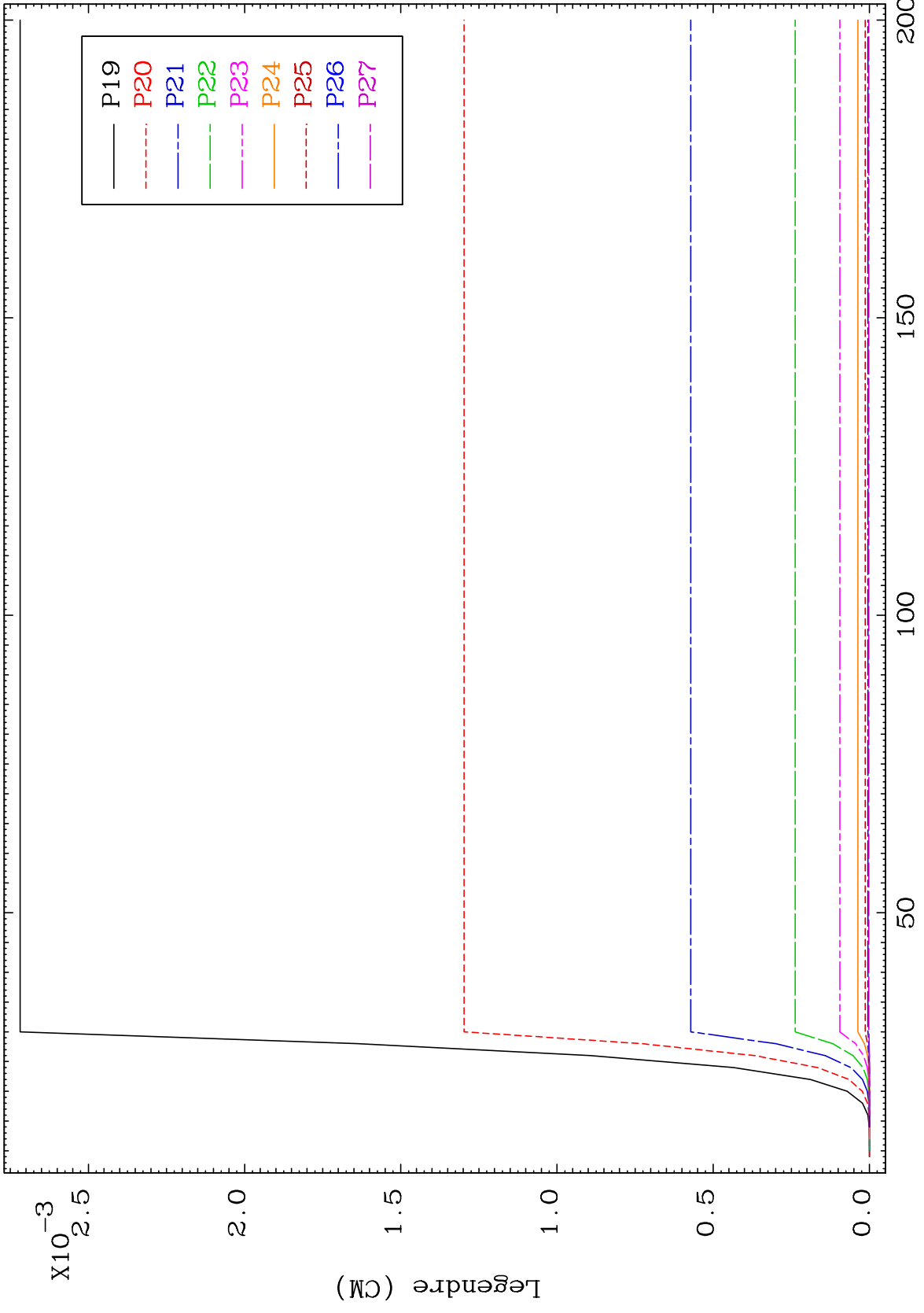
132 Incident Energy (MeV) 40-Zr-96

MAT 4043 MT= 80 (n,n') Level Legendre Coefficients 40-Zr-96

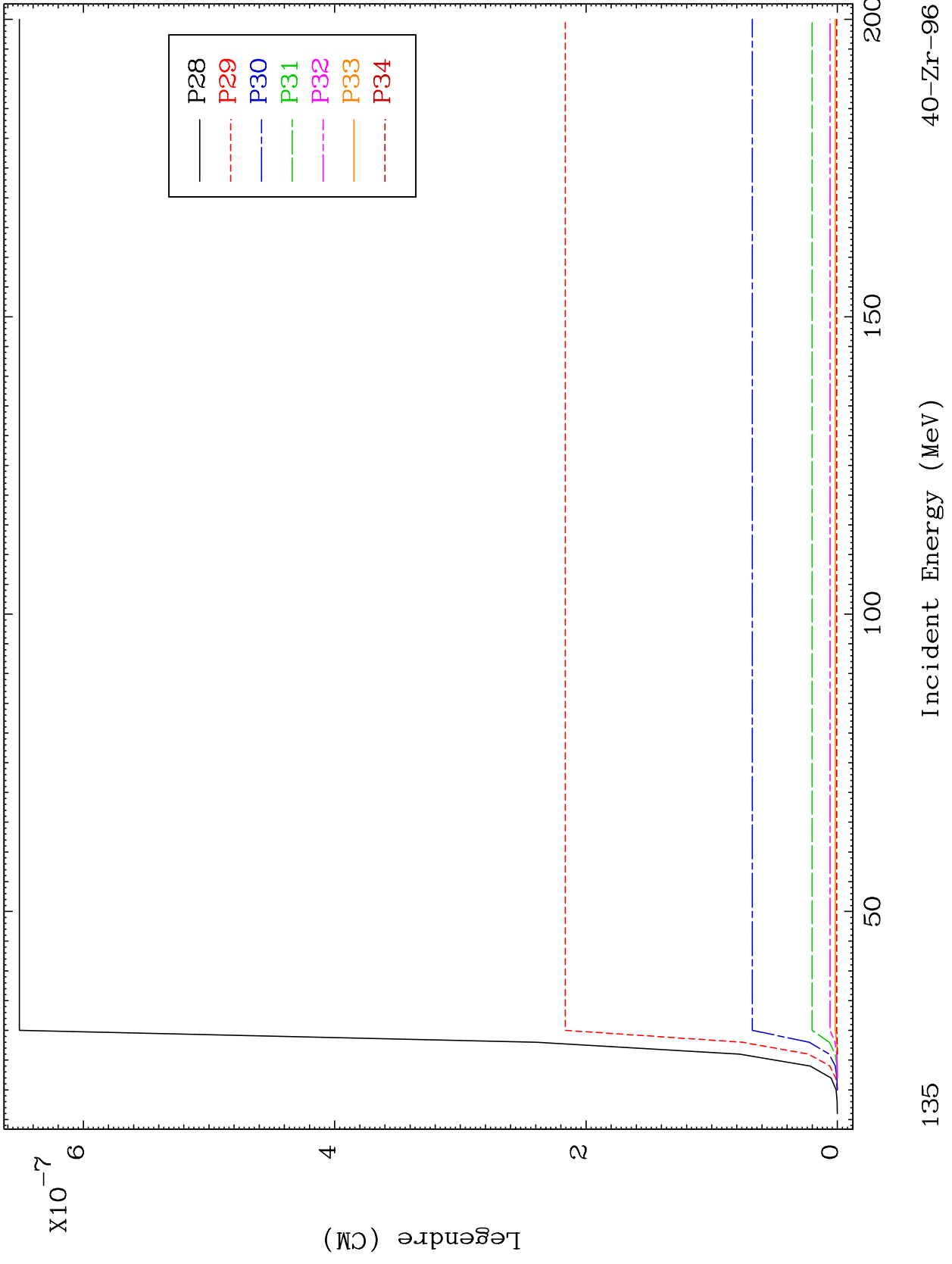


133 40-Zr-96

MAT 4043 MT= 80 (n,n') Level Legendre Coefficients 40-Zr-96



MAT 4043 MT= 80 (n,n') Level Legendre Coefficients 40-Zr-96



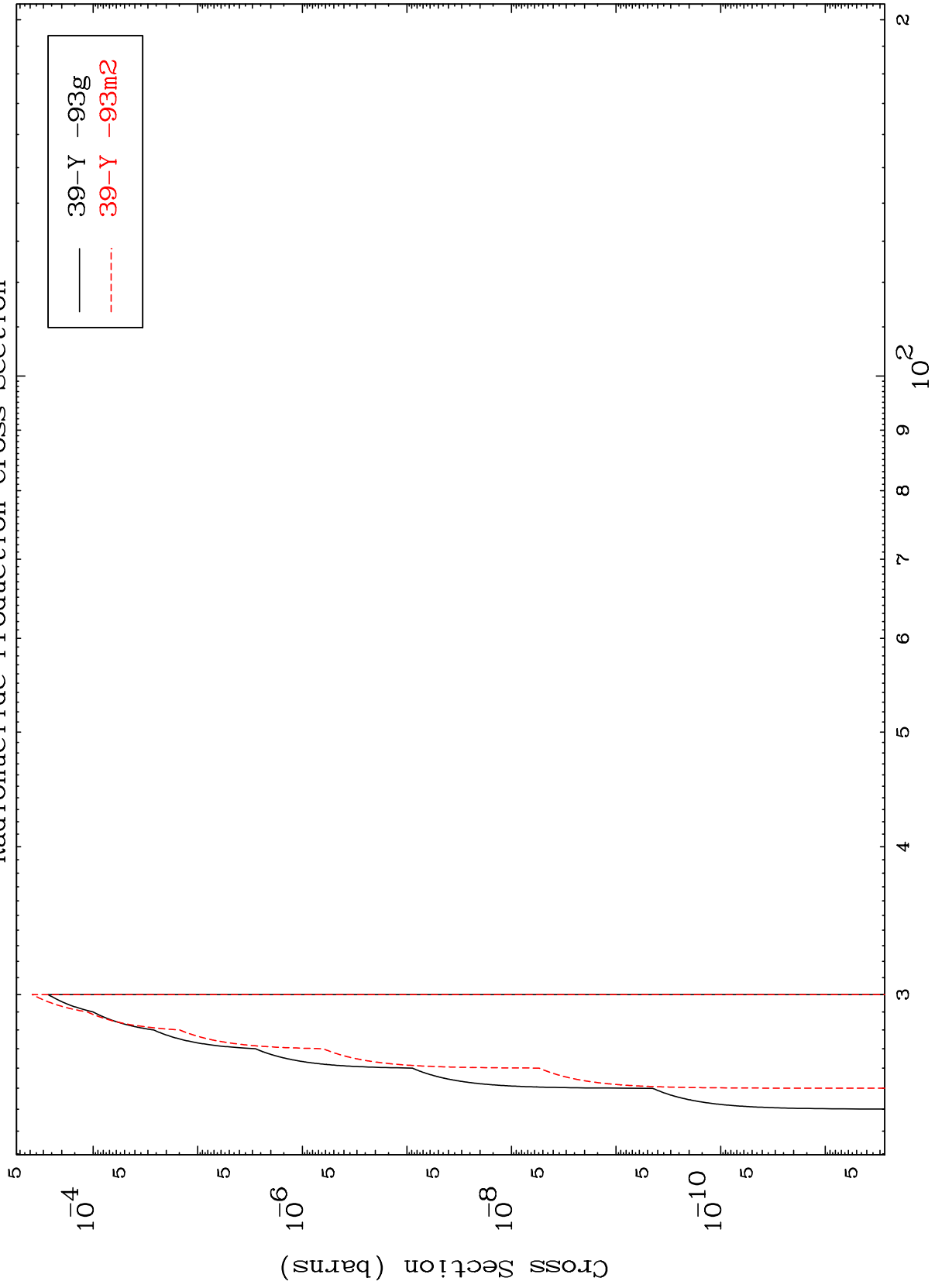


MAT 4043

(n,2n) d

40-Zr-96

Radionuclide Production Cross Section



136

Incident Energy (MeV)

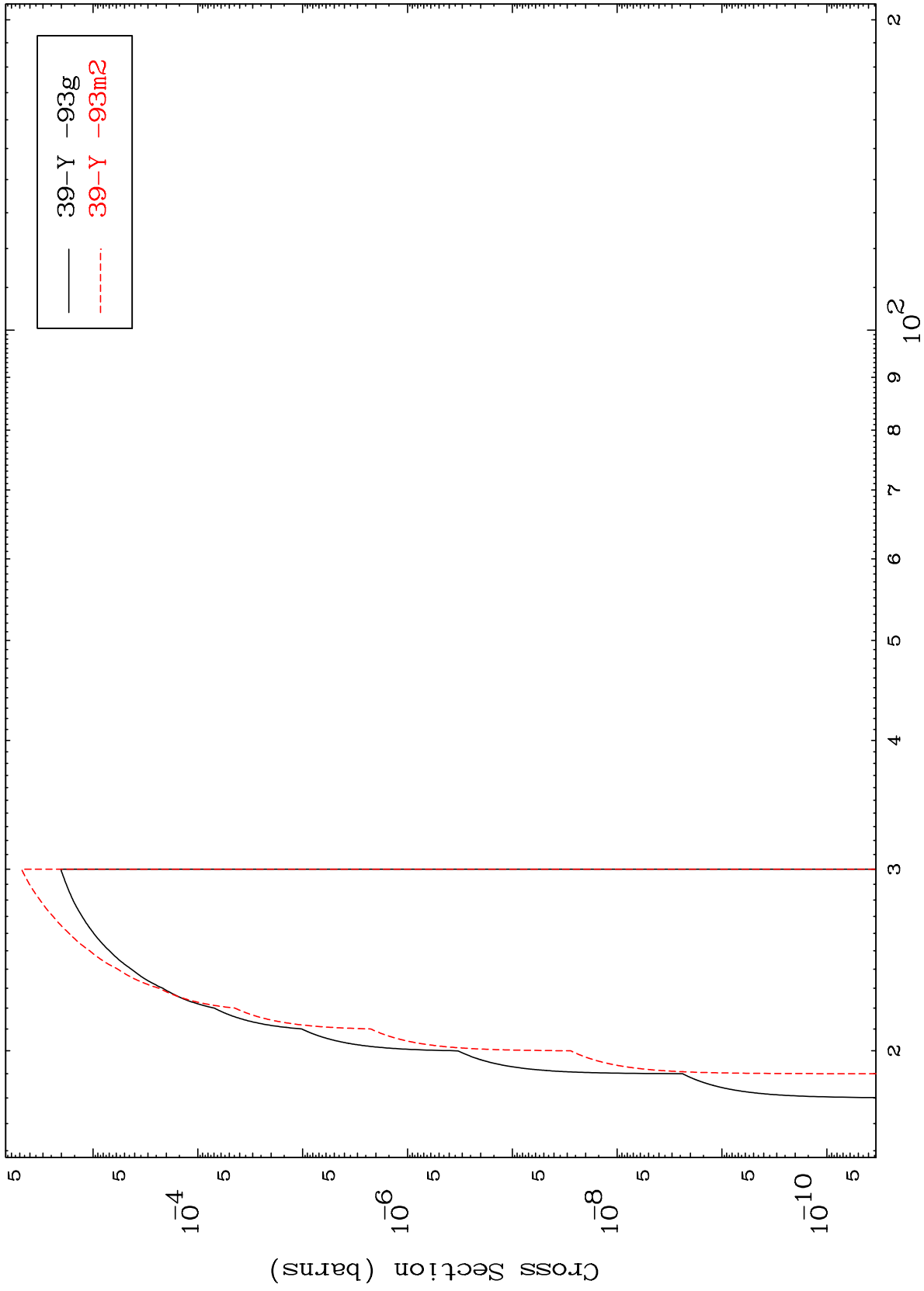
40-Zr-96

MAT 4043

(n,n') t

40-Zr-96

Radionuclide Production Cross Section



137

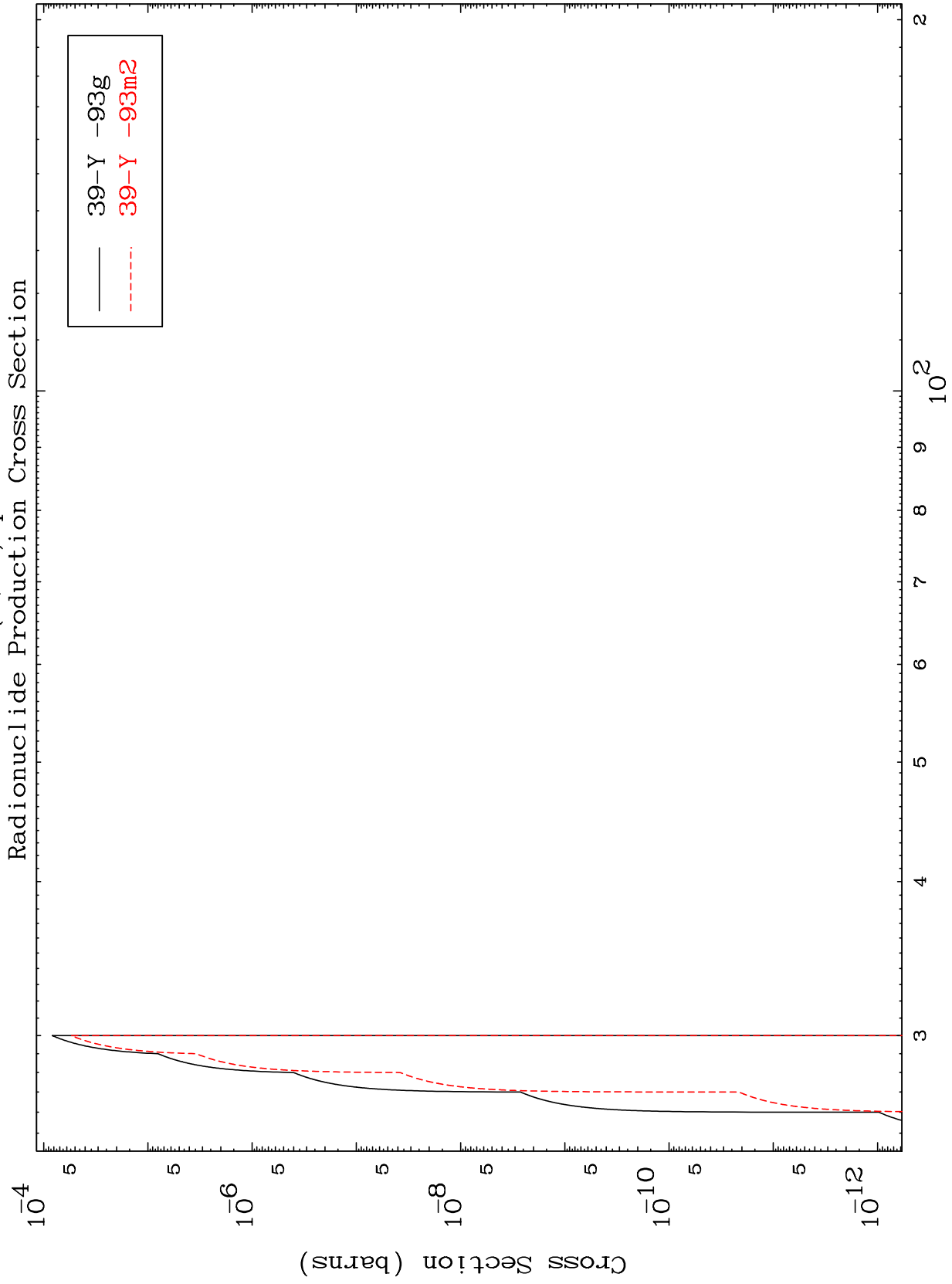
Incident Energy (MeV)

40-Zr-96

MAT 4043

(n,3n) p

40-Zr-96



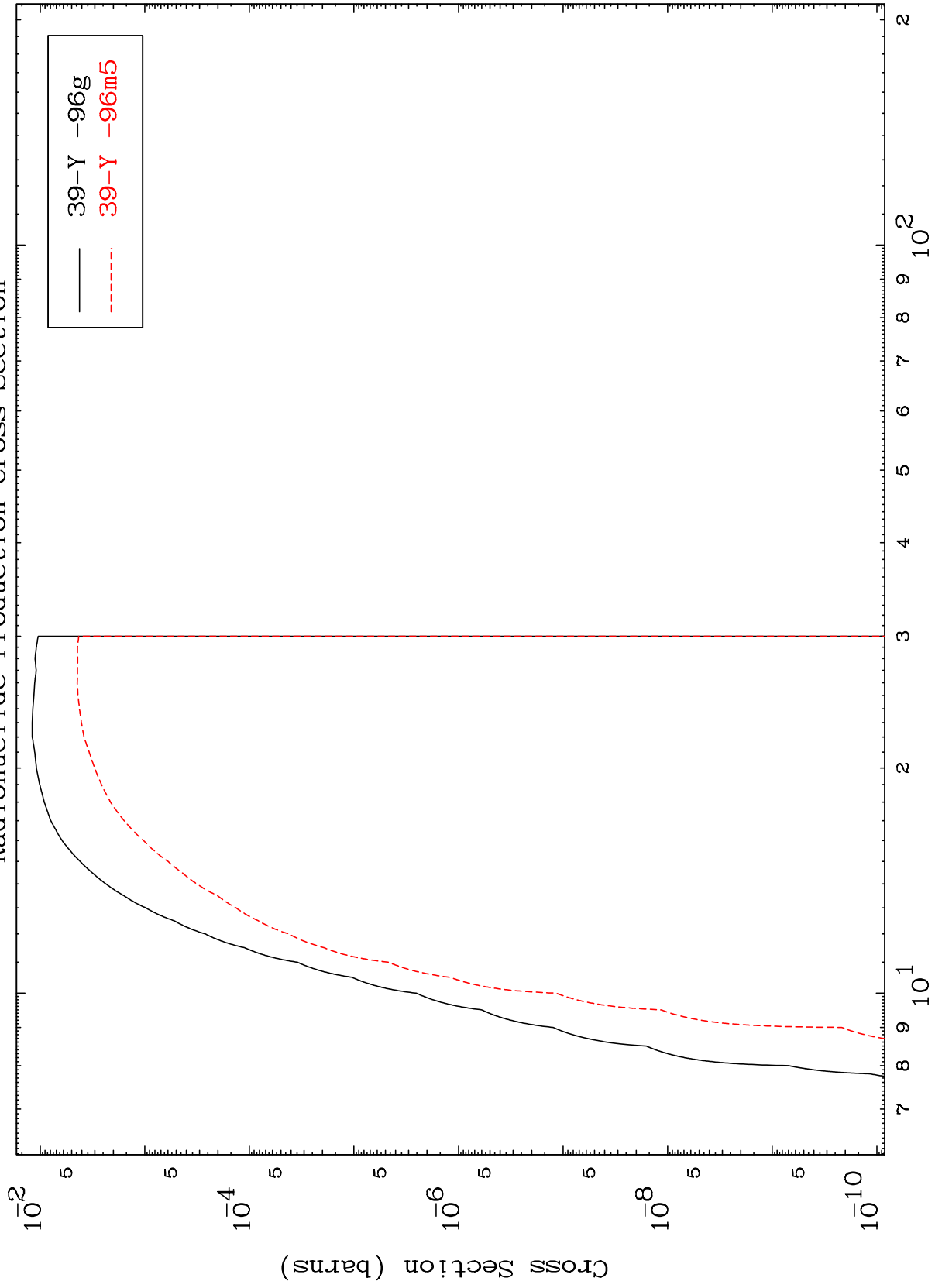
138

40-Zr-96

MAT 4043

40-Zr-96

(n,p)  
Radionuclide Production Cross Section



139

Incident Energy (MeV)

40-Zr-96