

Program EVALPLOT
(Version 2018-1)

by

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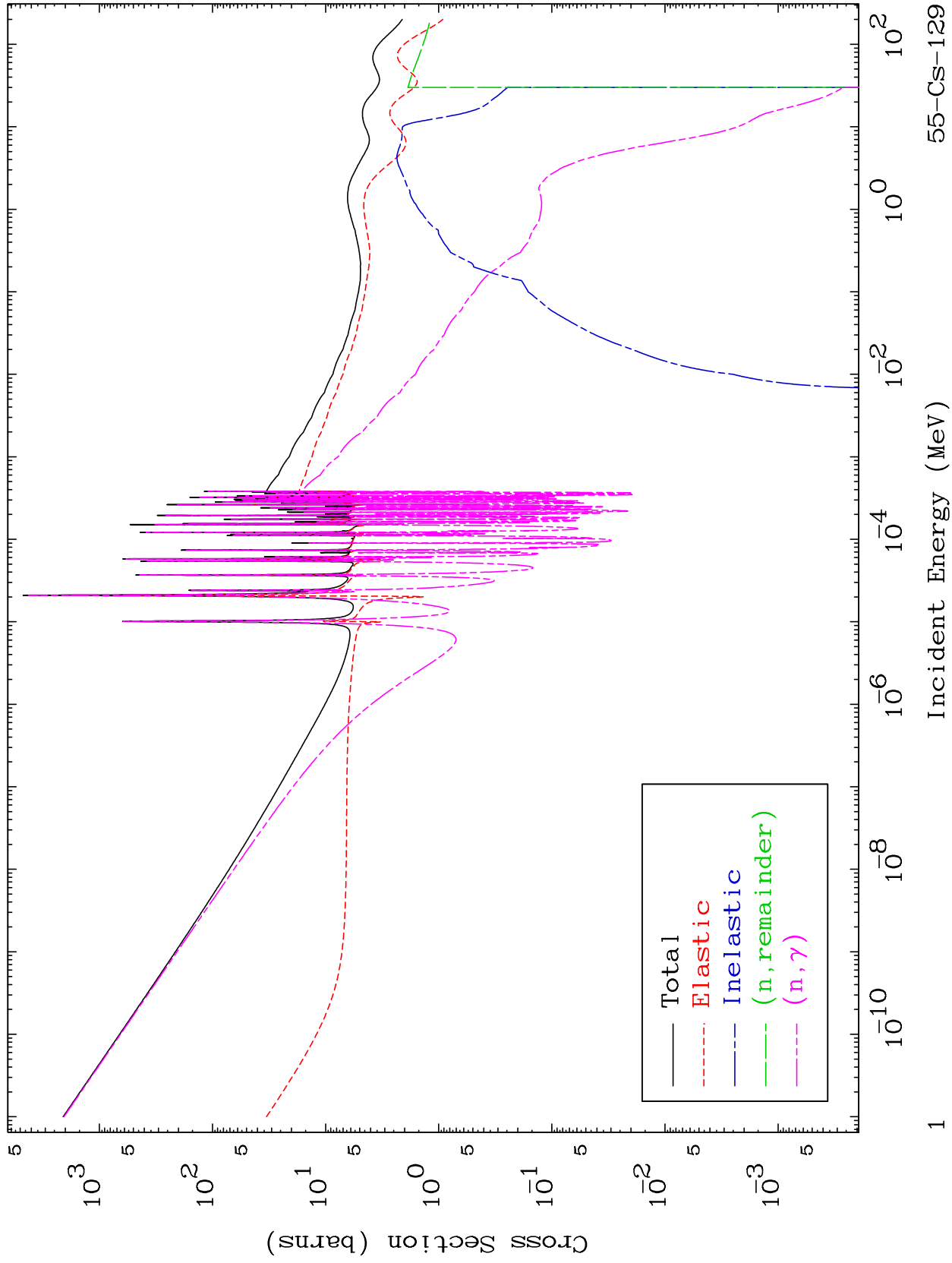
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5513

Major
293 Kelvin Cross Sections

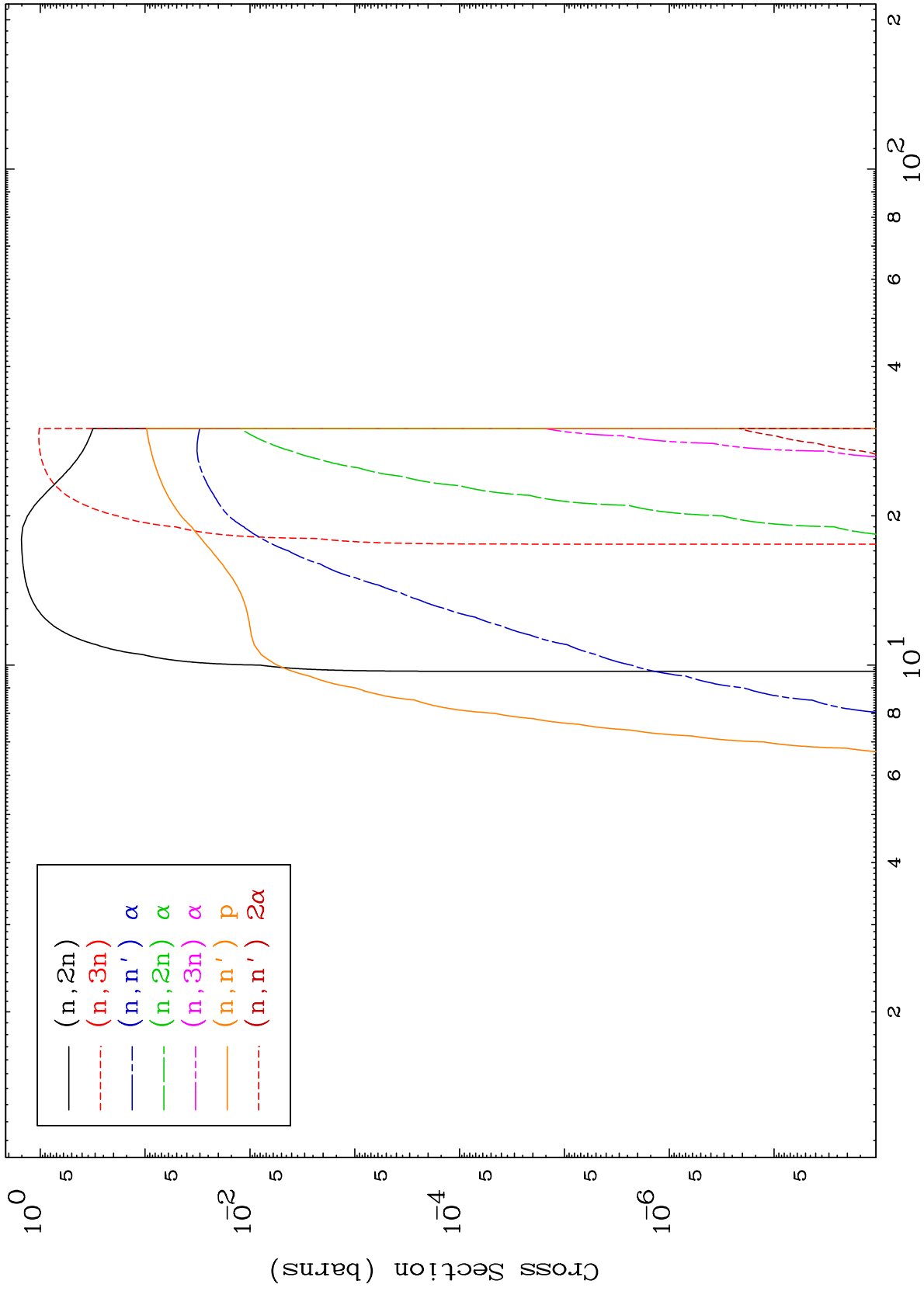
55-Cs-129



MAT 5513

Neutron Production
293 Kelvin Cross Sections

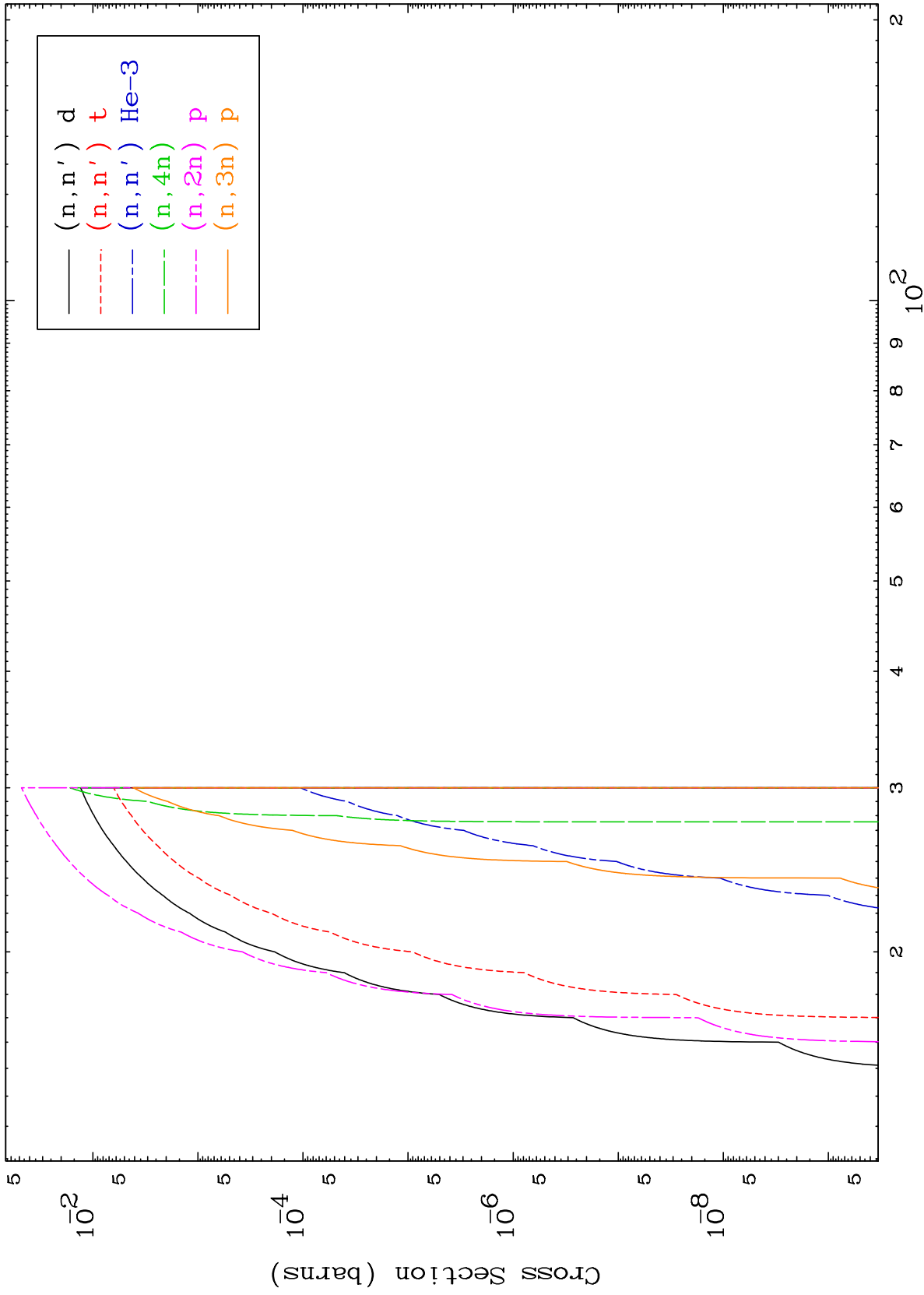
55-Cs-129

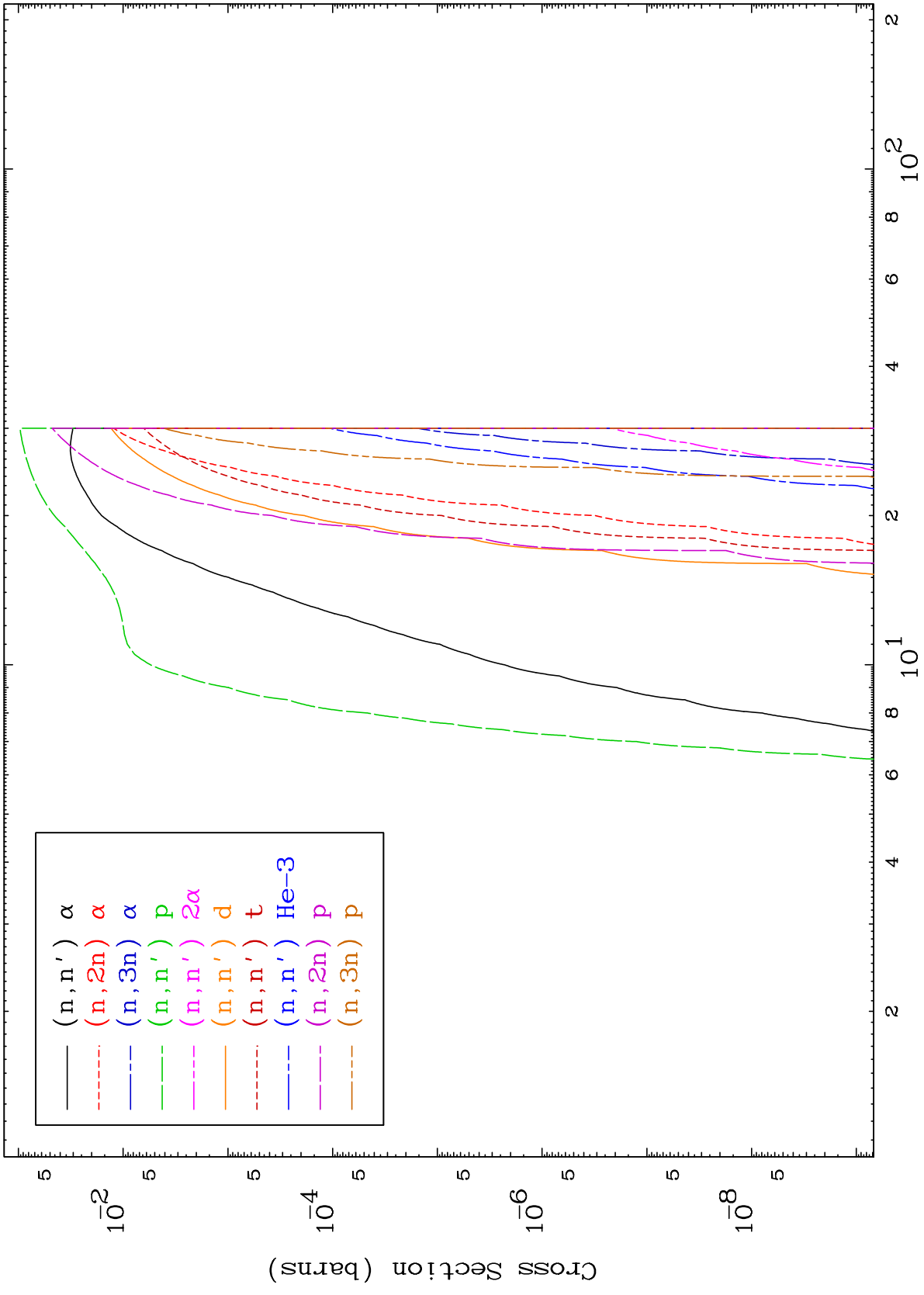


2

Incident Energy (MeV)

55-Cs-129

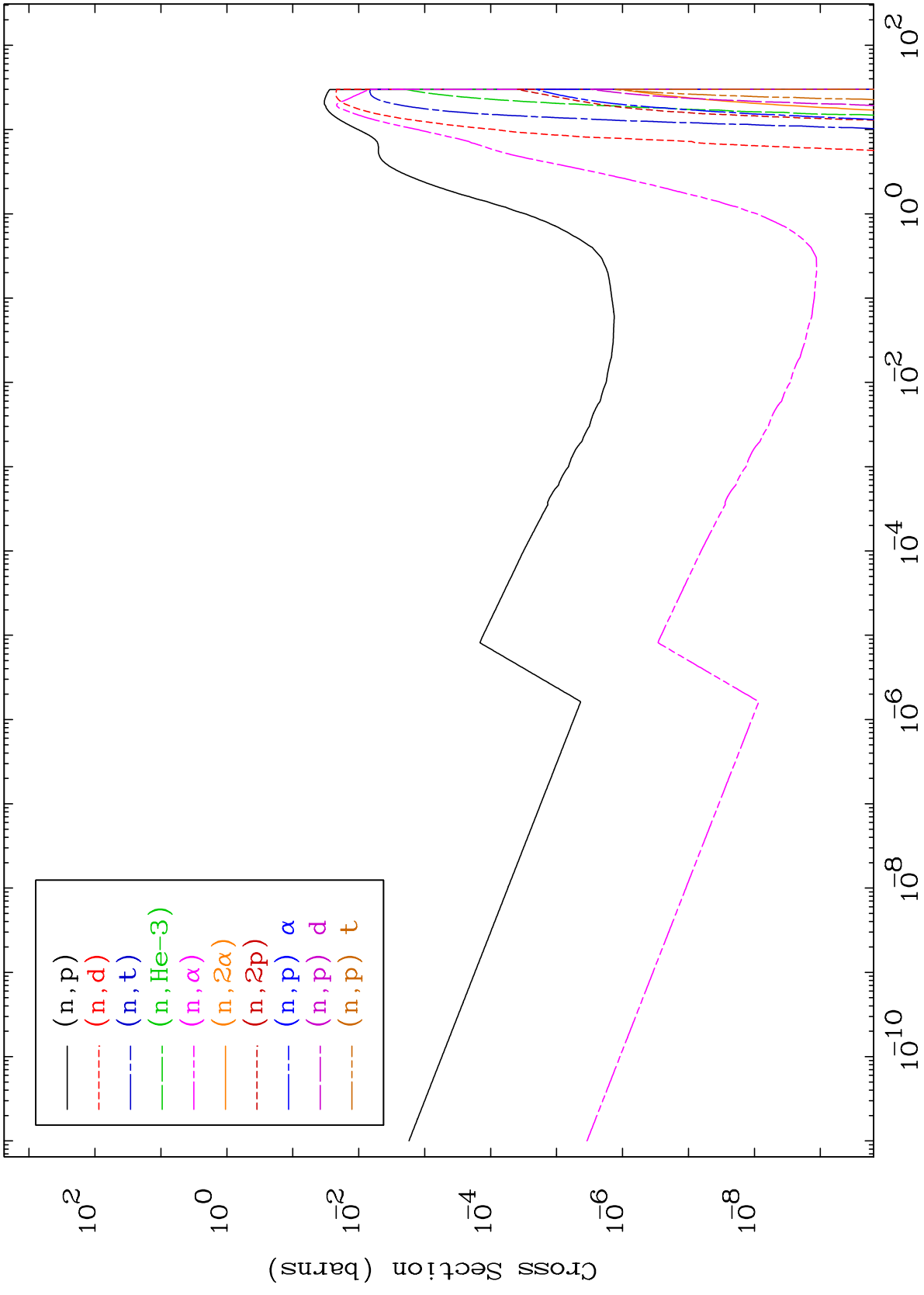




MAT 5513

Charged Particle
293 Kelvin Cross Sections

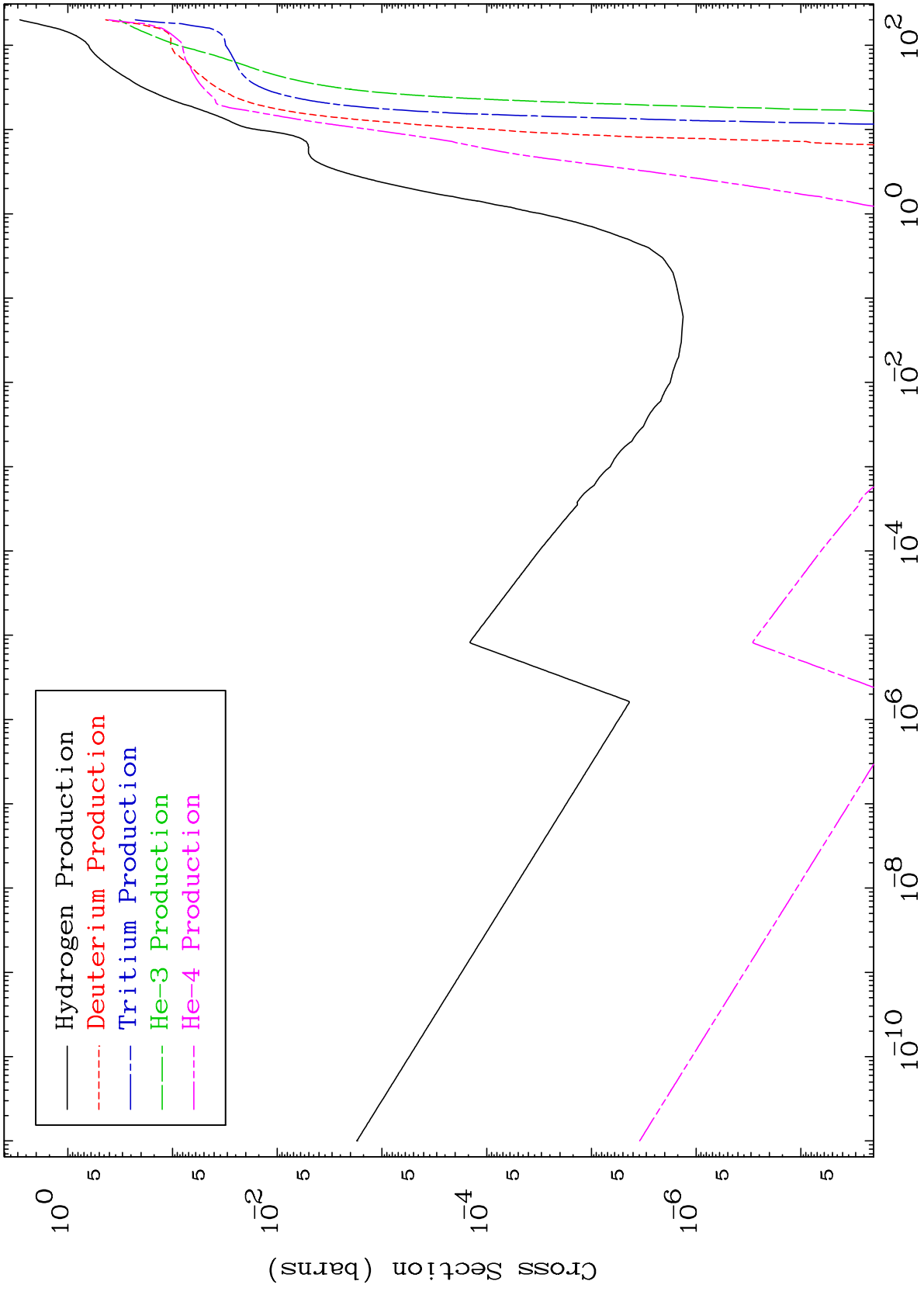
55-Cs-129



MAT 5513

Particle Production
293 Kelvin Cross Sections

55-Cs-129



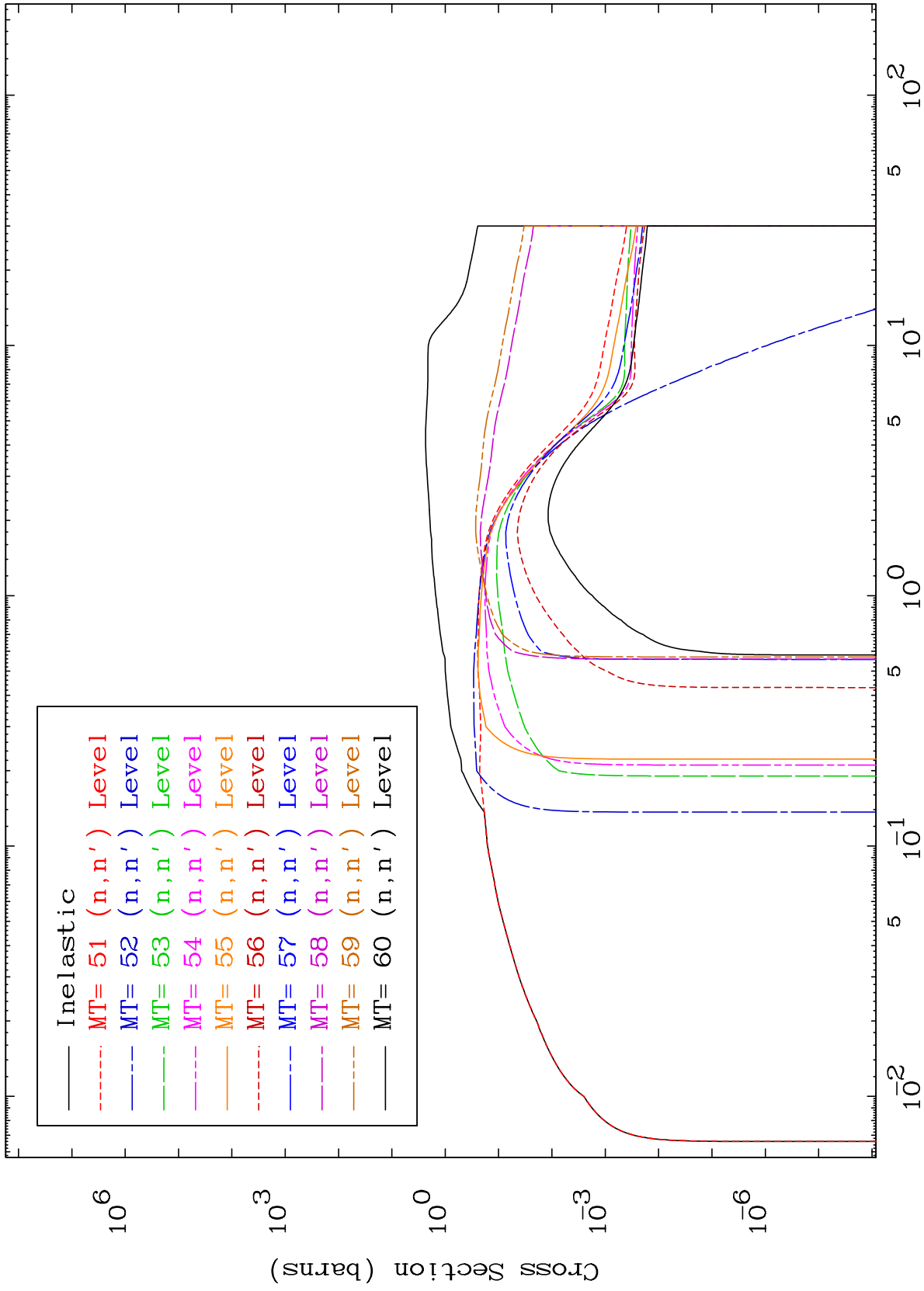
6

55-Cs-129

MAT 5513

(n,n') Level
293 Kelvin Cross Sections

55-Cs-129



7

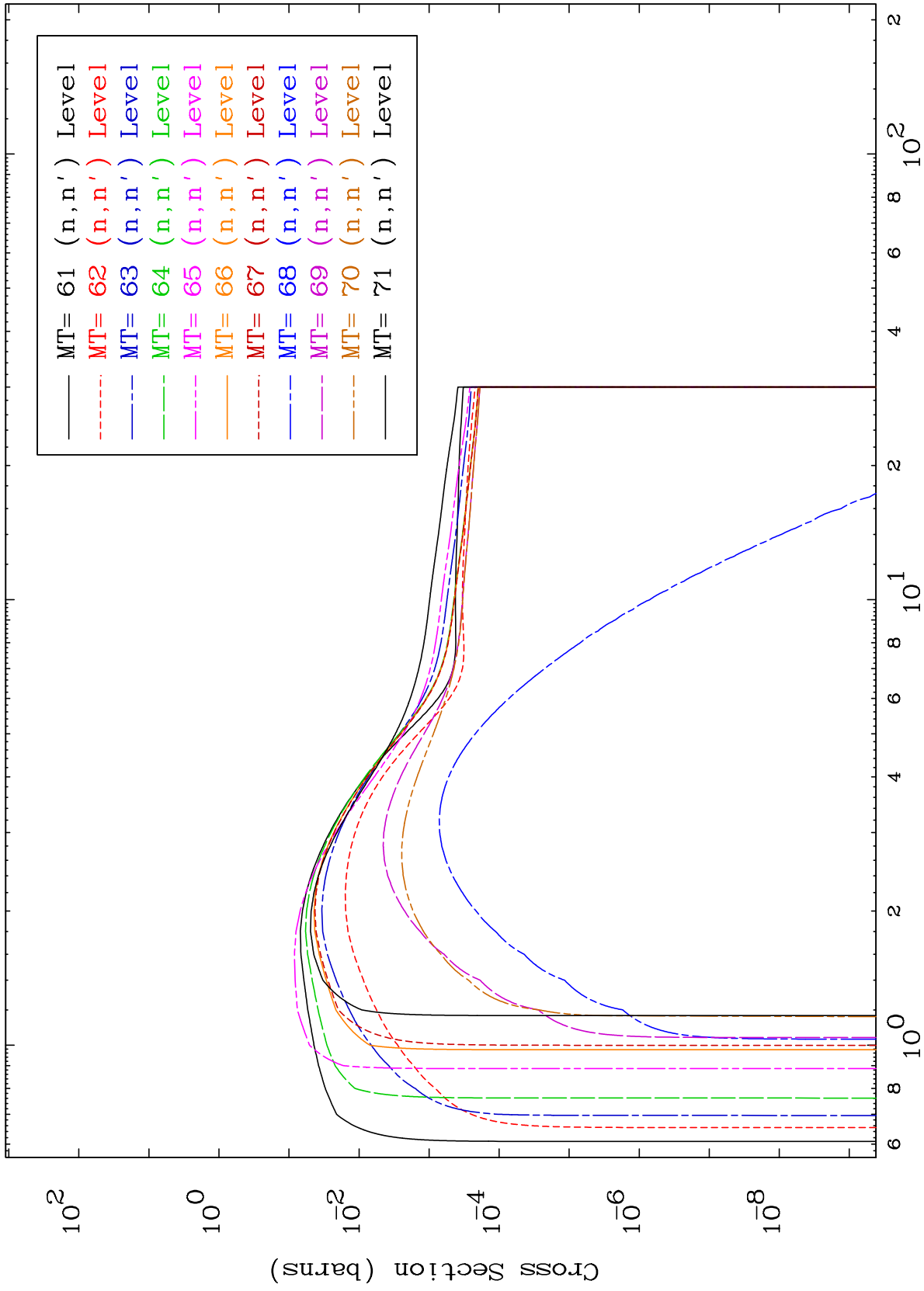
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MAT 5513

(n,n') Level

55-Cs-129

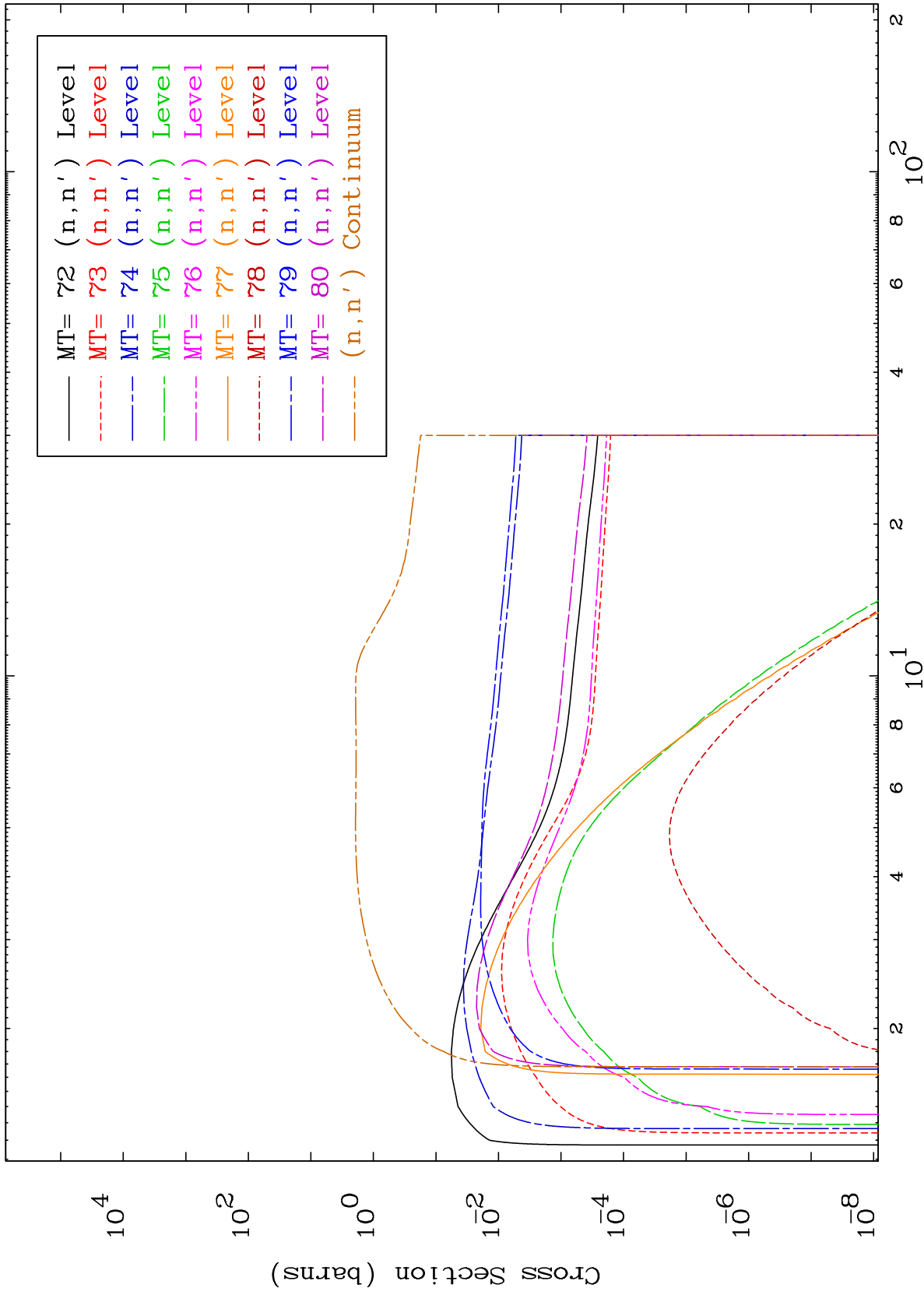
293 Kelvin Cross Sections



8

Incident Energy (MeV)

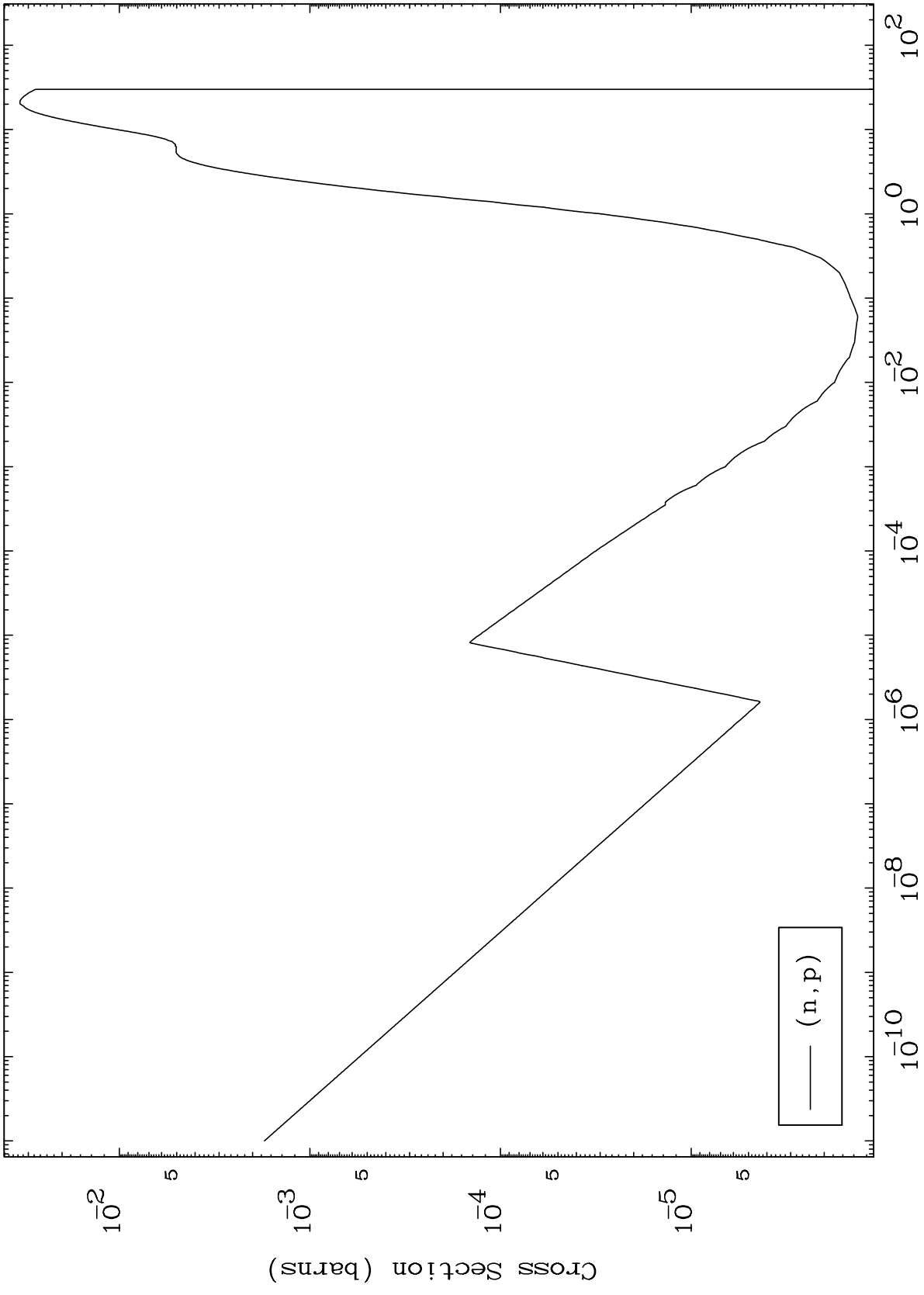
55-Cs-129



MAT 5513

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-129



— (n, p)

10

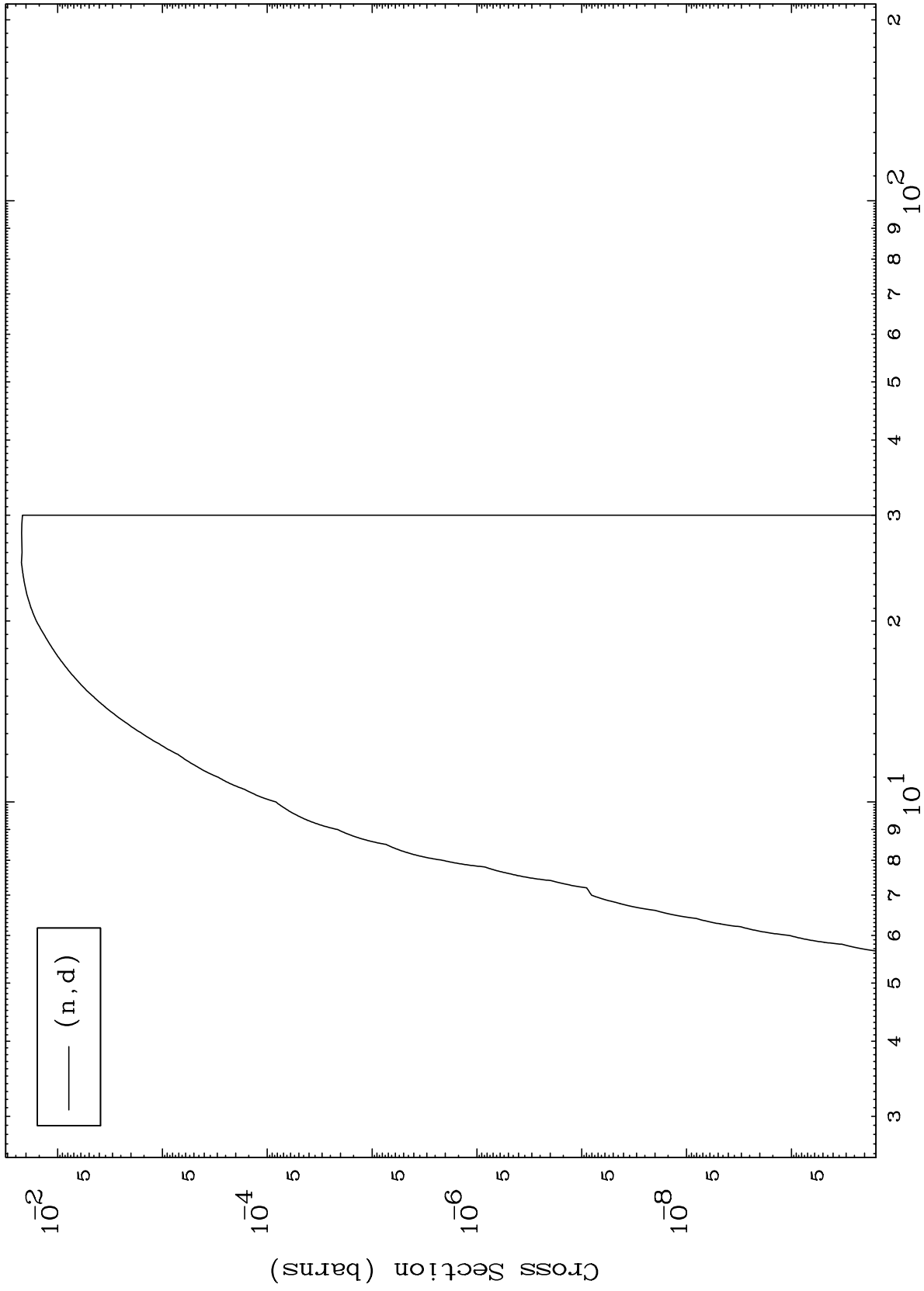
Incident Energy (MeV)

55-Cs-129

MAT 5513

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-129



11

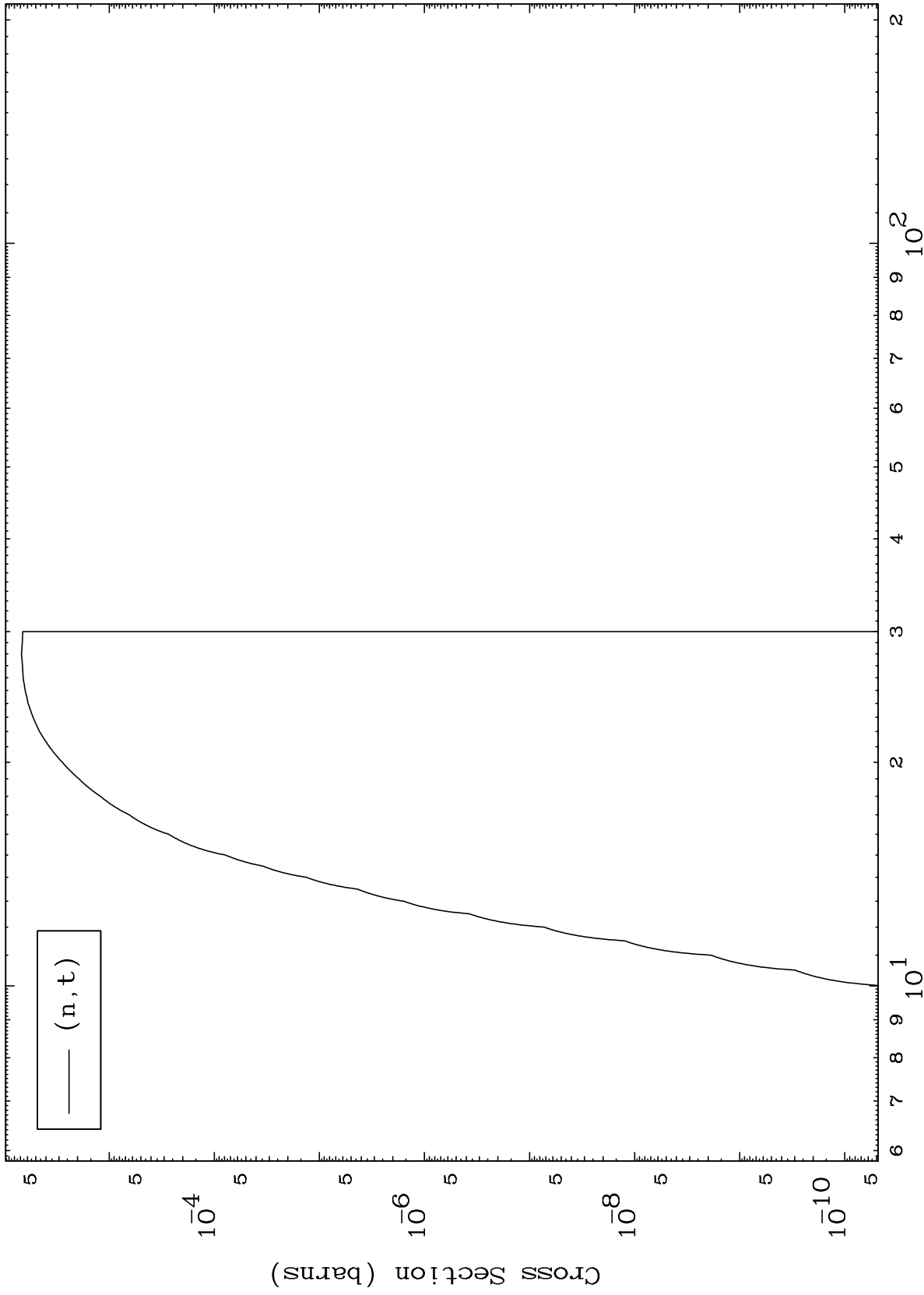
Incident Energy (MeV)

55-Cs-129

MAT 5513

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-129



12

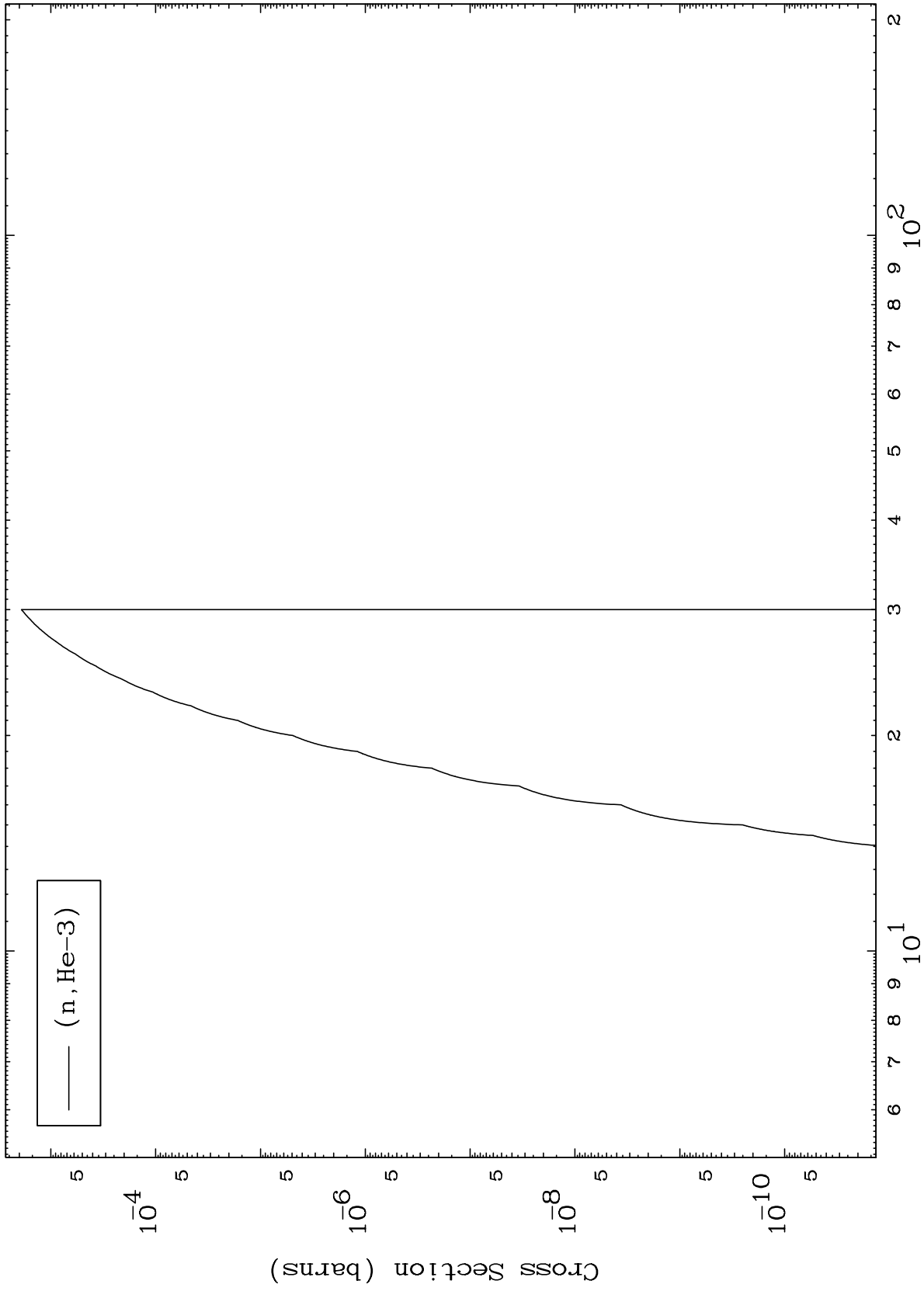
Incident Energy (MeV)

55-Cs-129

MAT 5513

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-129



13

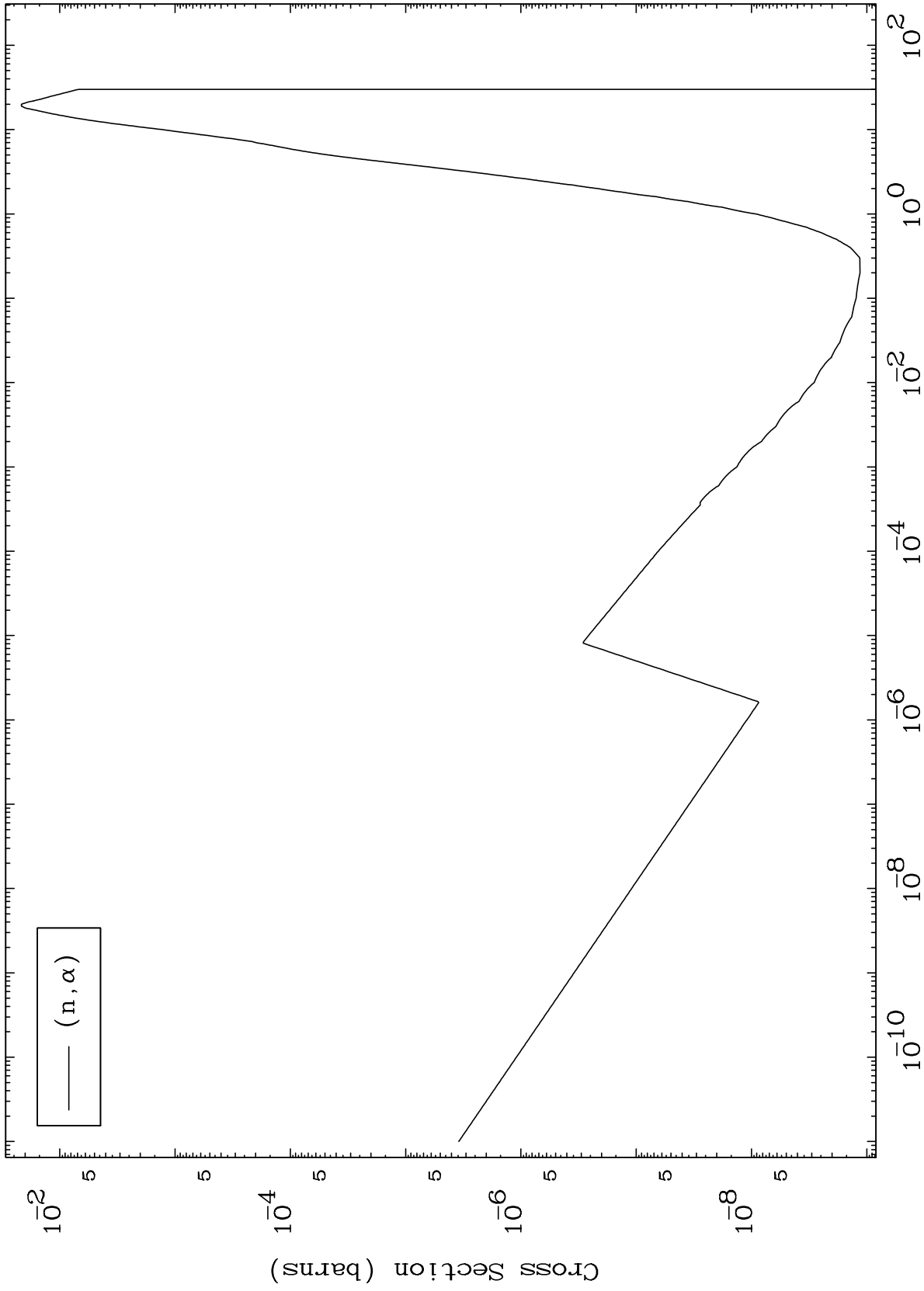
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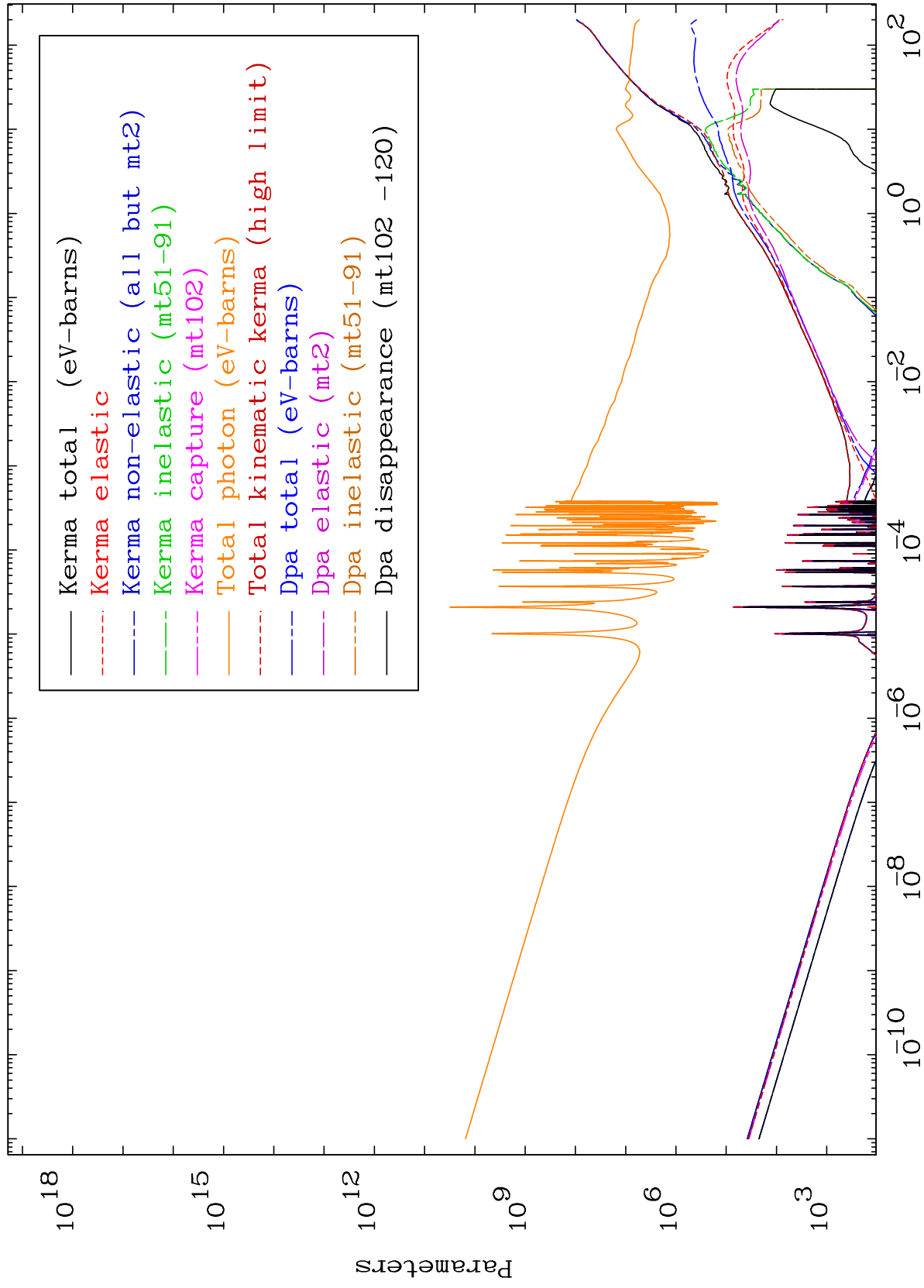
55-Cs-129

MAT 5513

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-129

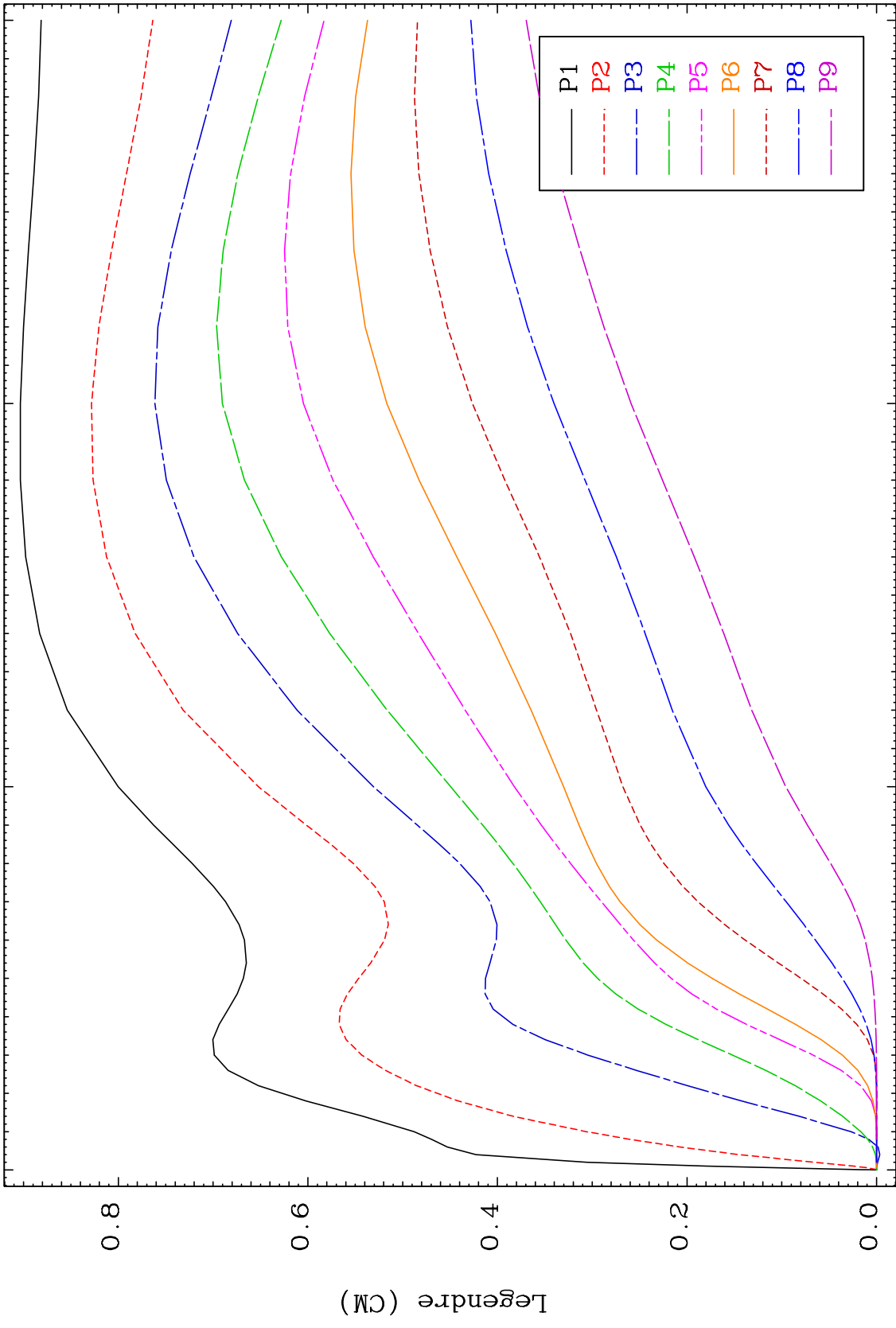




MAT 5513

Elastic Legendre Coefficients

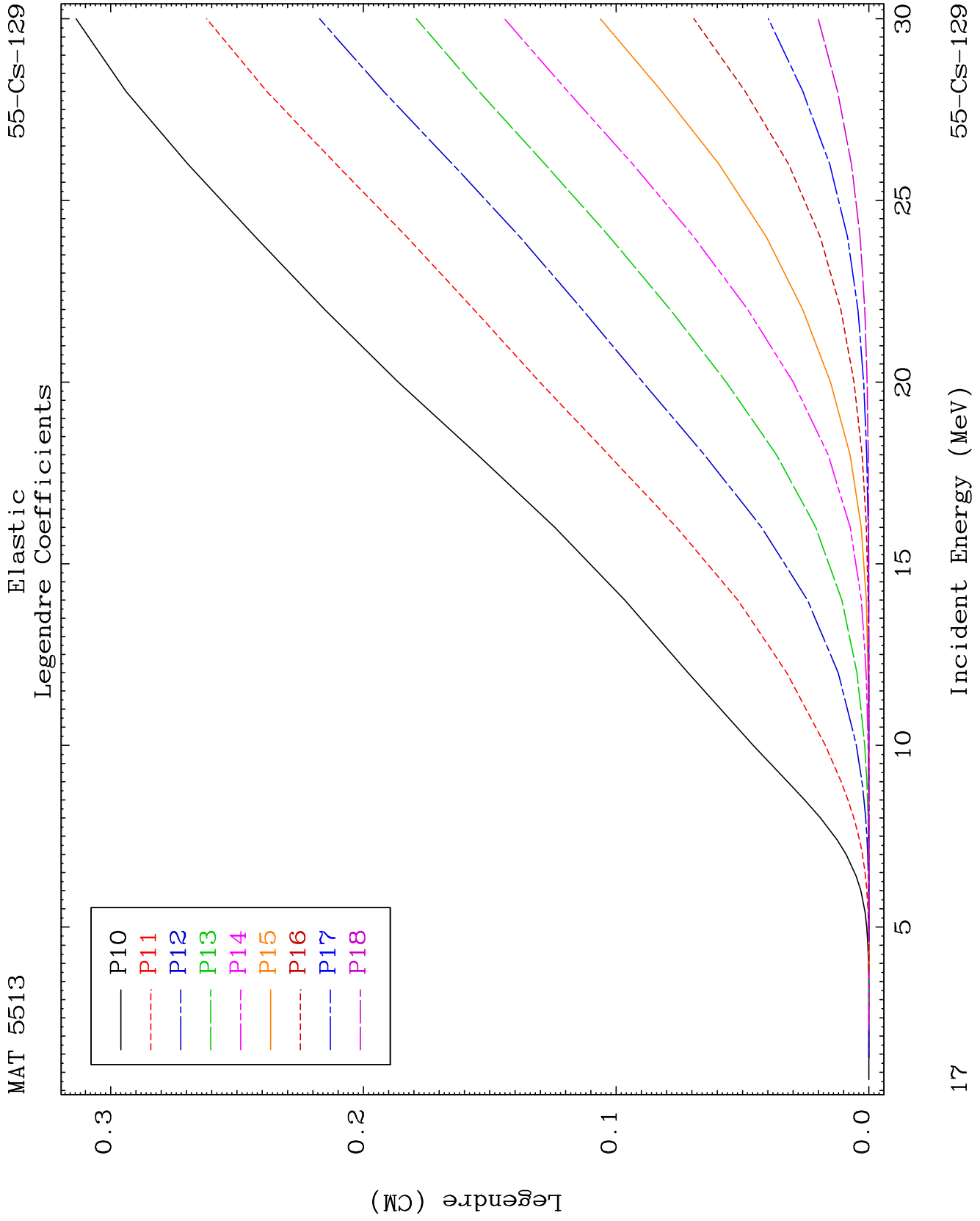
55-Cs-129



16

Incident Energy (MeV)

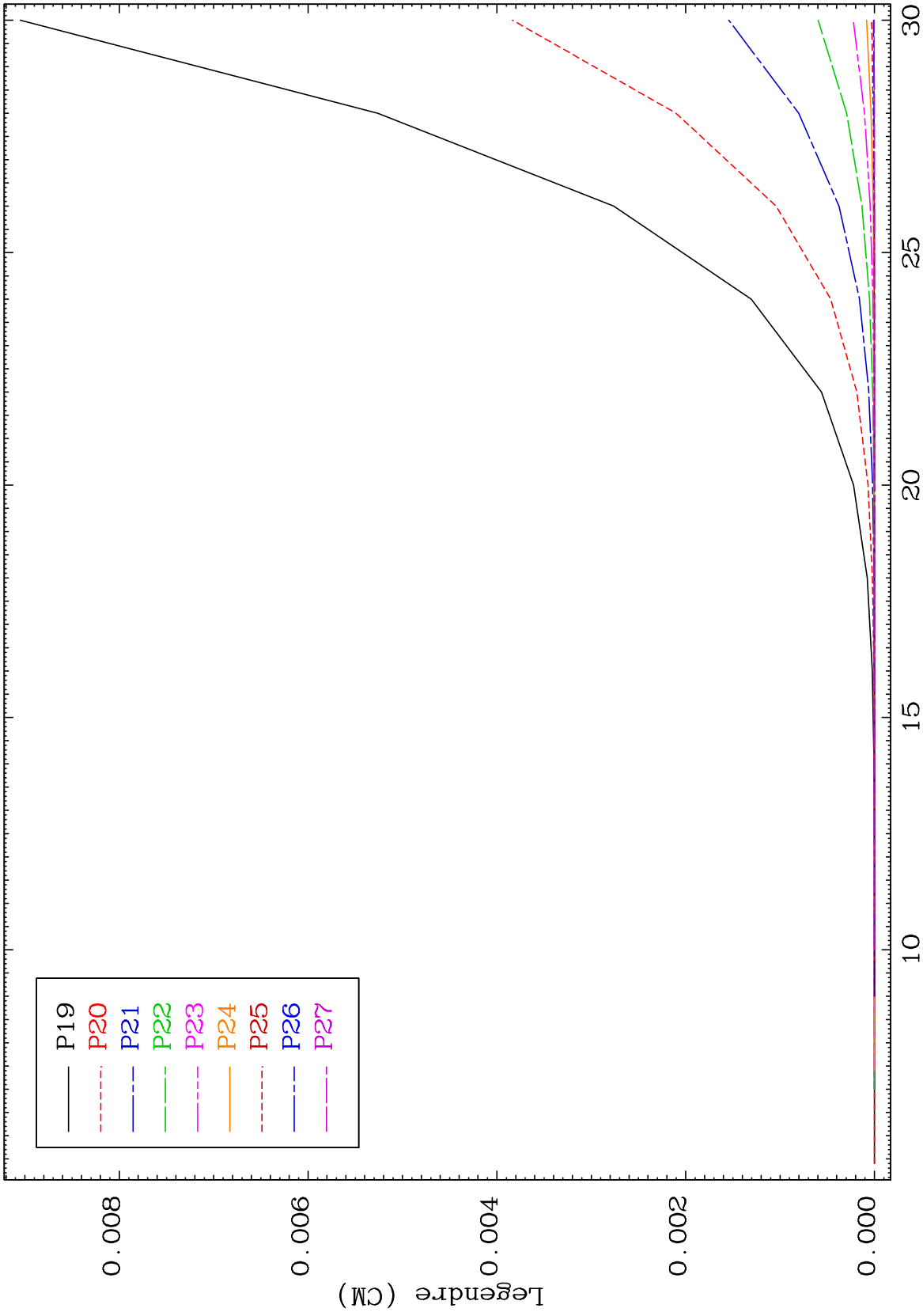
55-Cs-129



MAT 5513

Elastic Legendre Coefficients

55-Cs-129



18

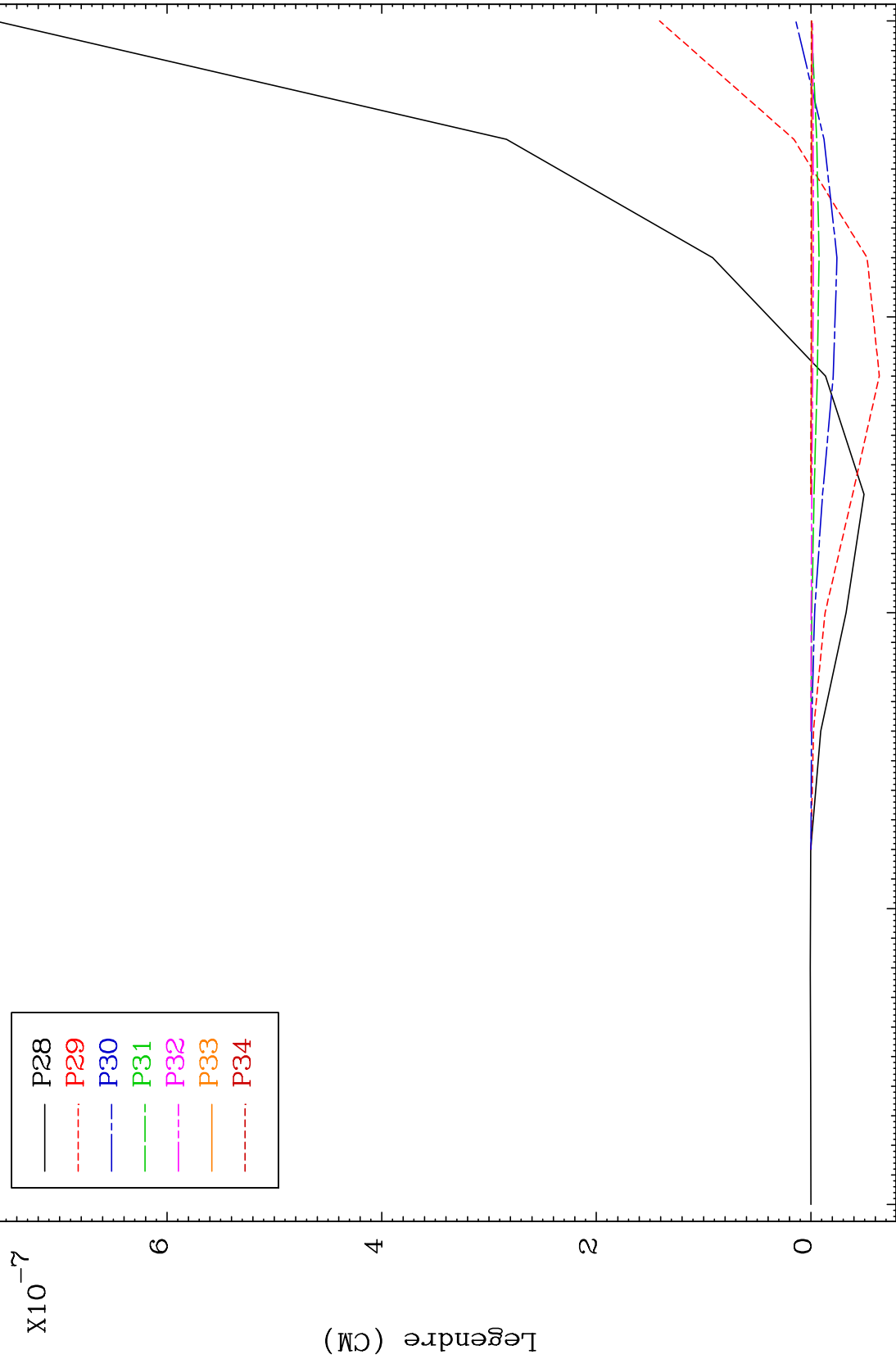
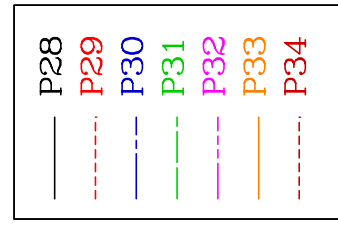
Incident Energy (MeV)

55-Cs-129

MAT 5513

Elastic Legendre Coefficients

55-Cs-129

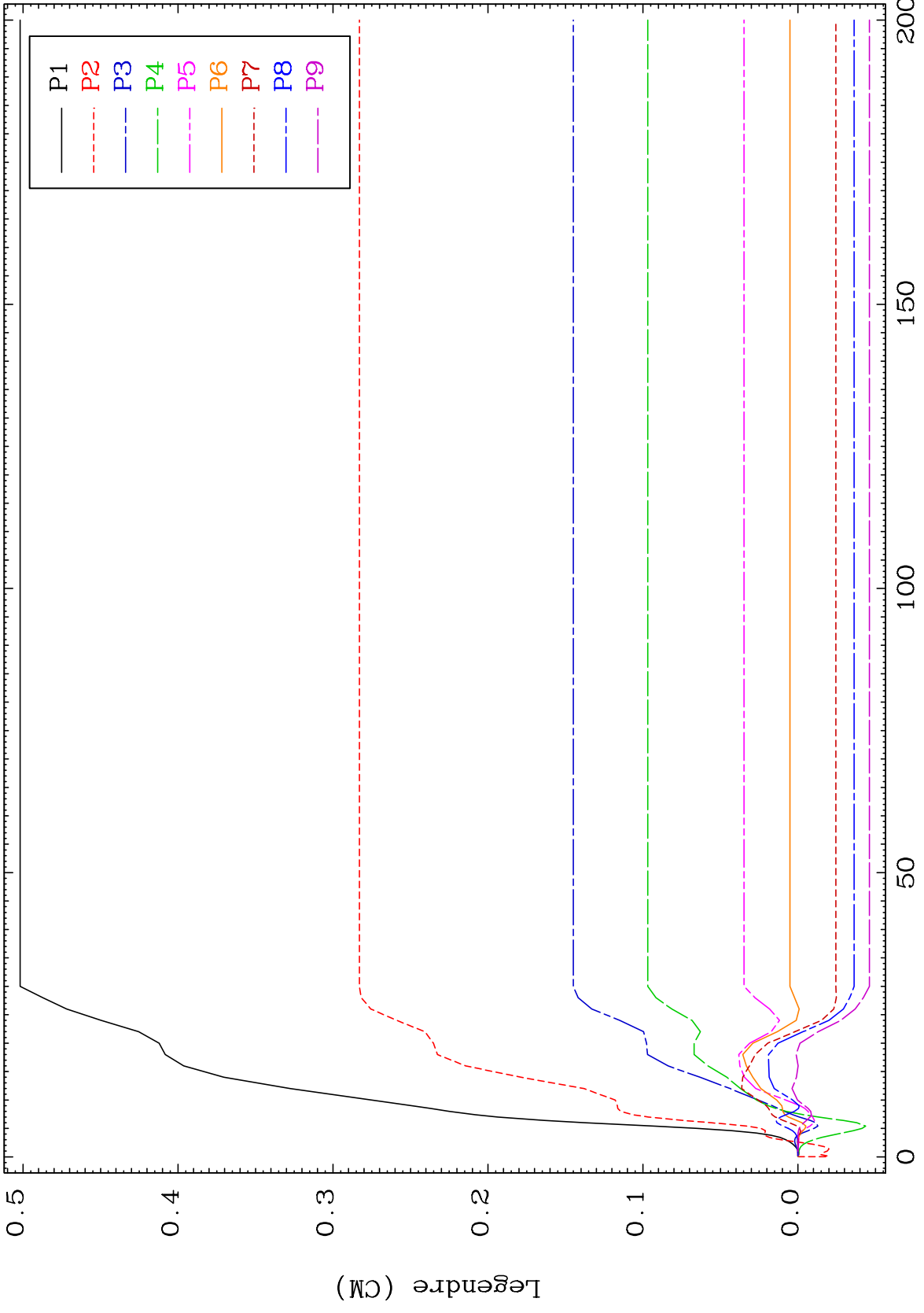


19

Incident Energy (MeV)

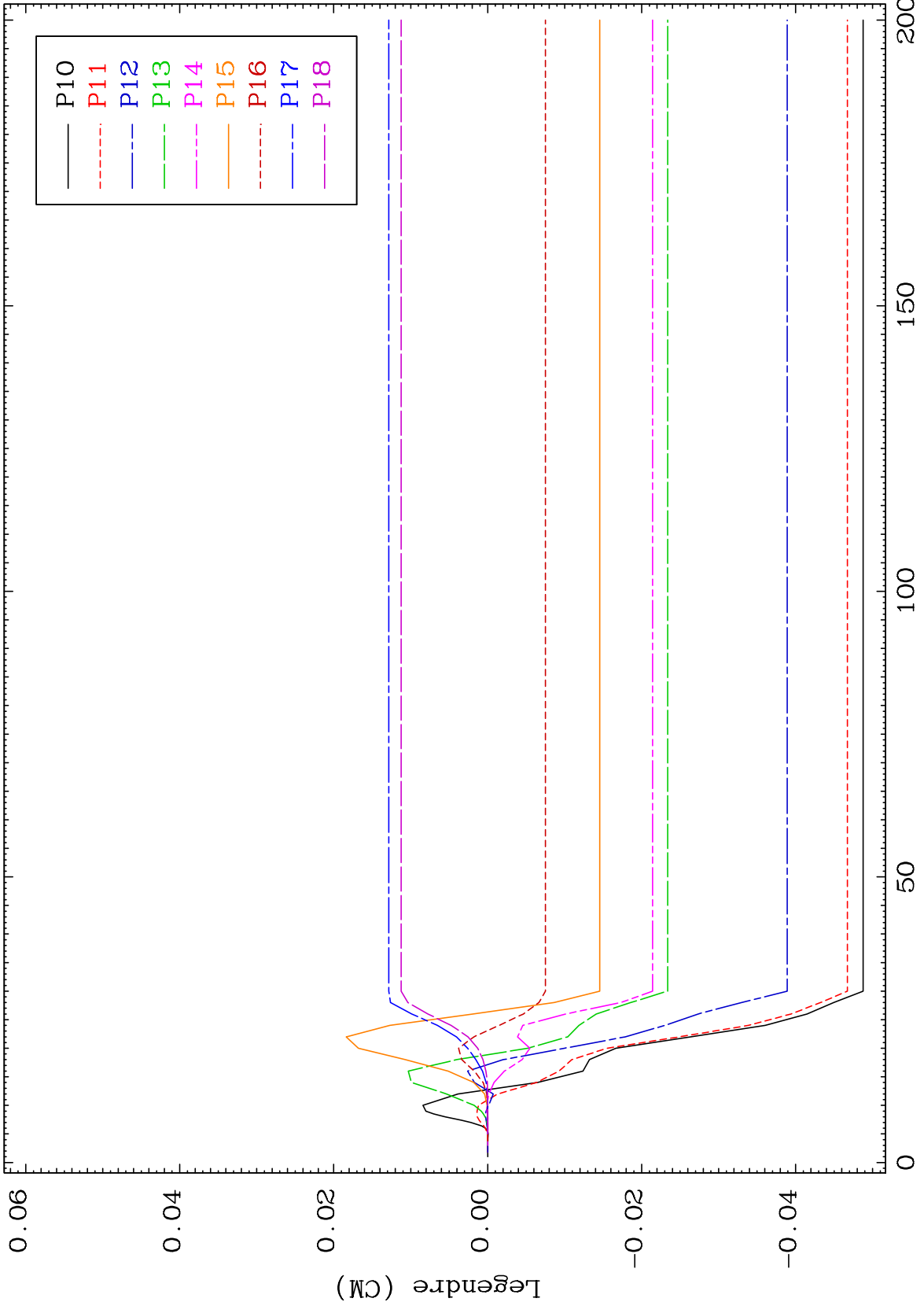
55-Cs-129

MAT 5513 MT= 51 (n,n') Level Legendre Coefficients 55-Cs-129



55-Cs-129

MAT 5513 MT= 51 (n,n') Level Legendre Coefficients 55-Cs-129

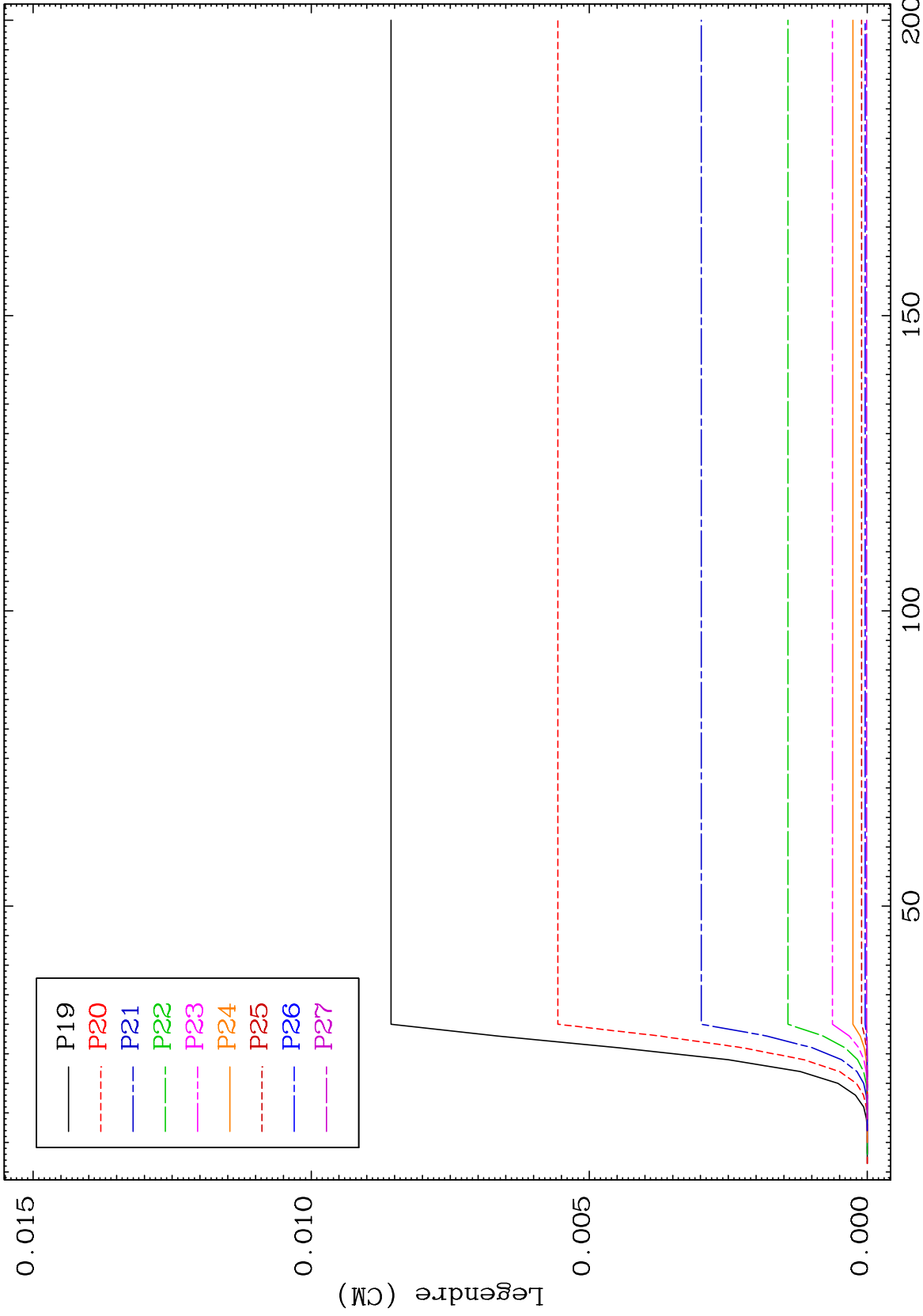


21 55-Cs-129

MAT 5513

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

55-Cs-129



22

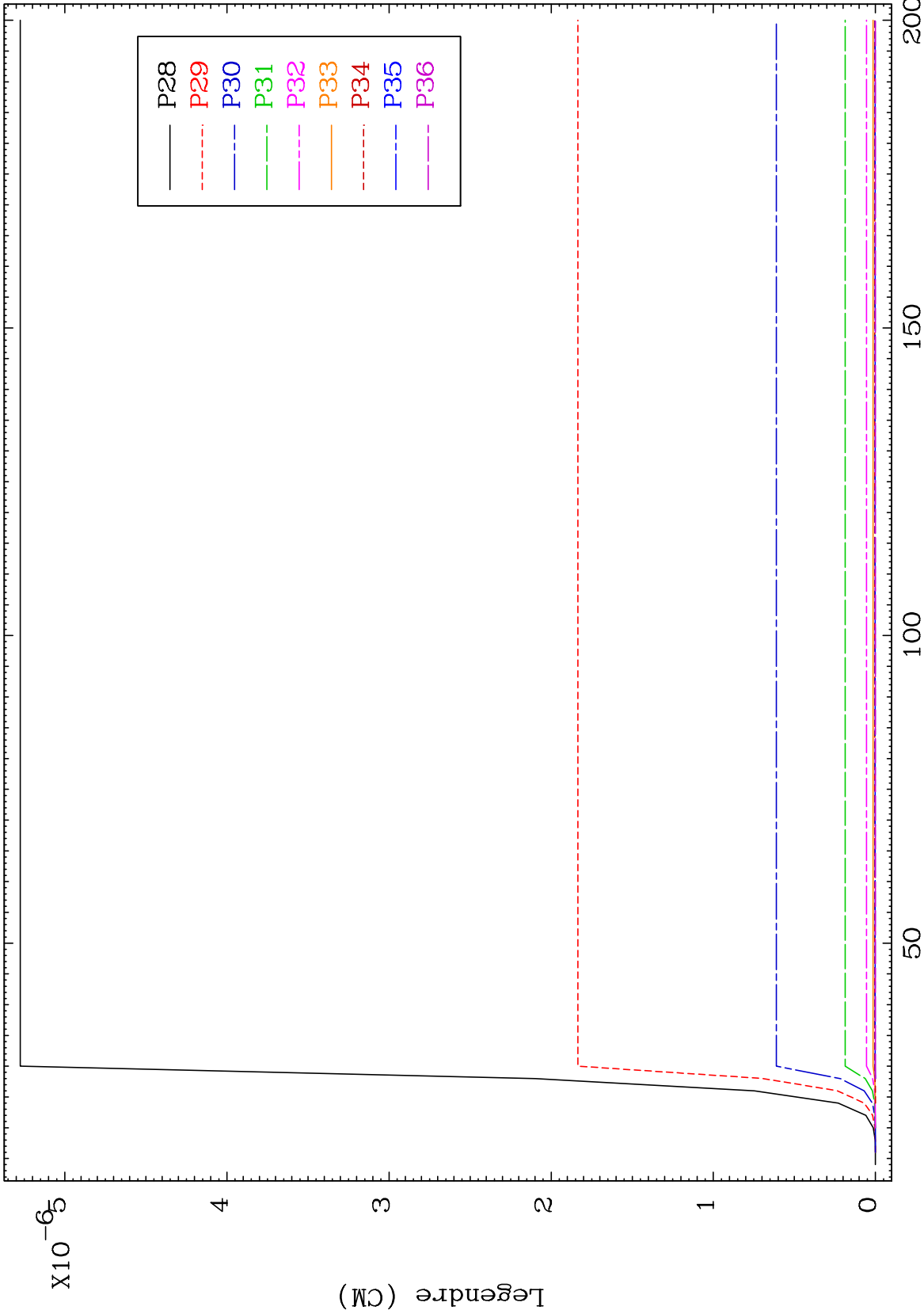
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

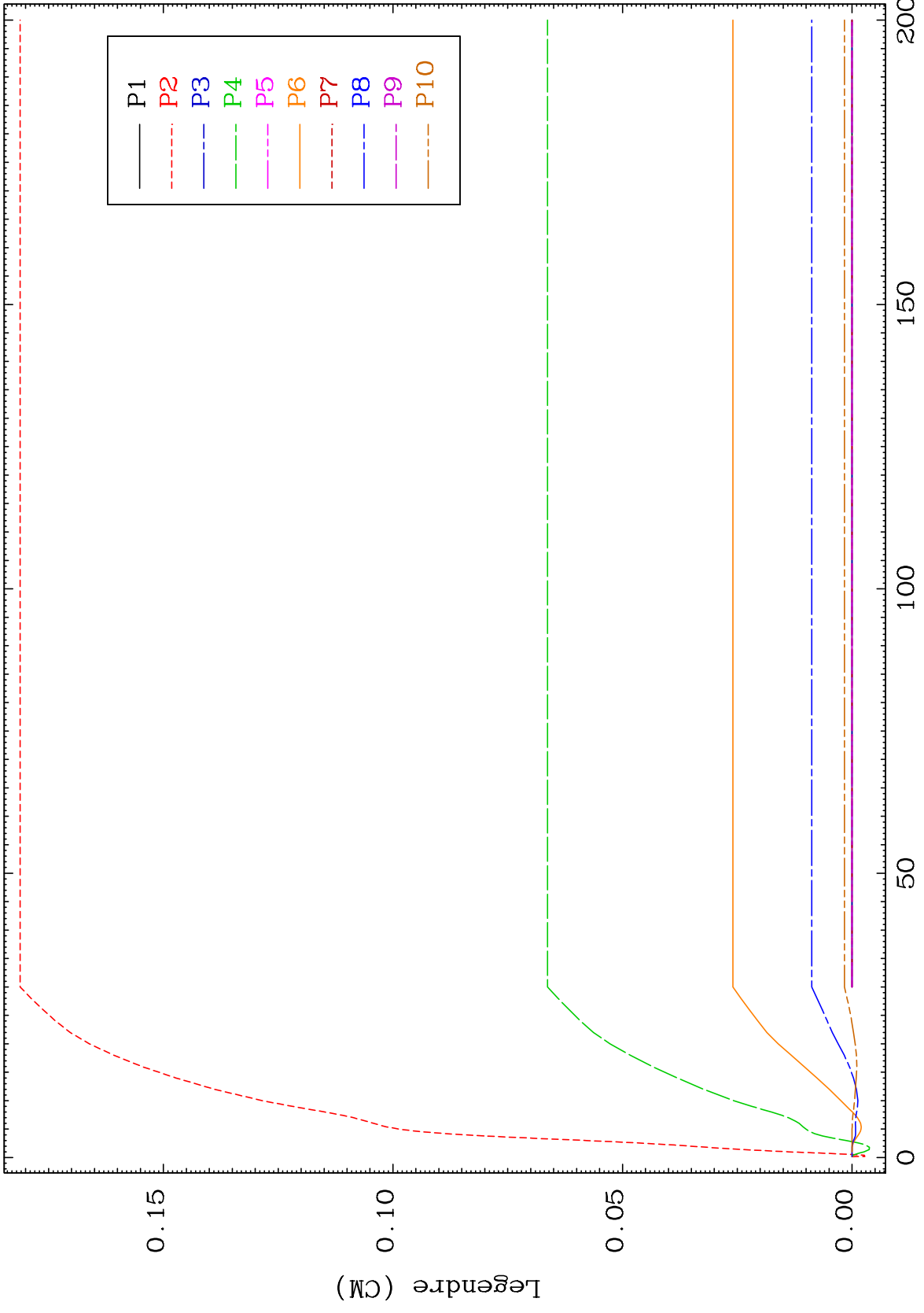
55-Cs-129



23

55-Cs-129

MAT 5513 MT= 52 (n,n') Level Legendre Coefficients 55-Cs-129

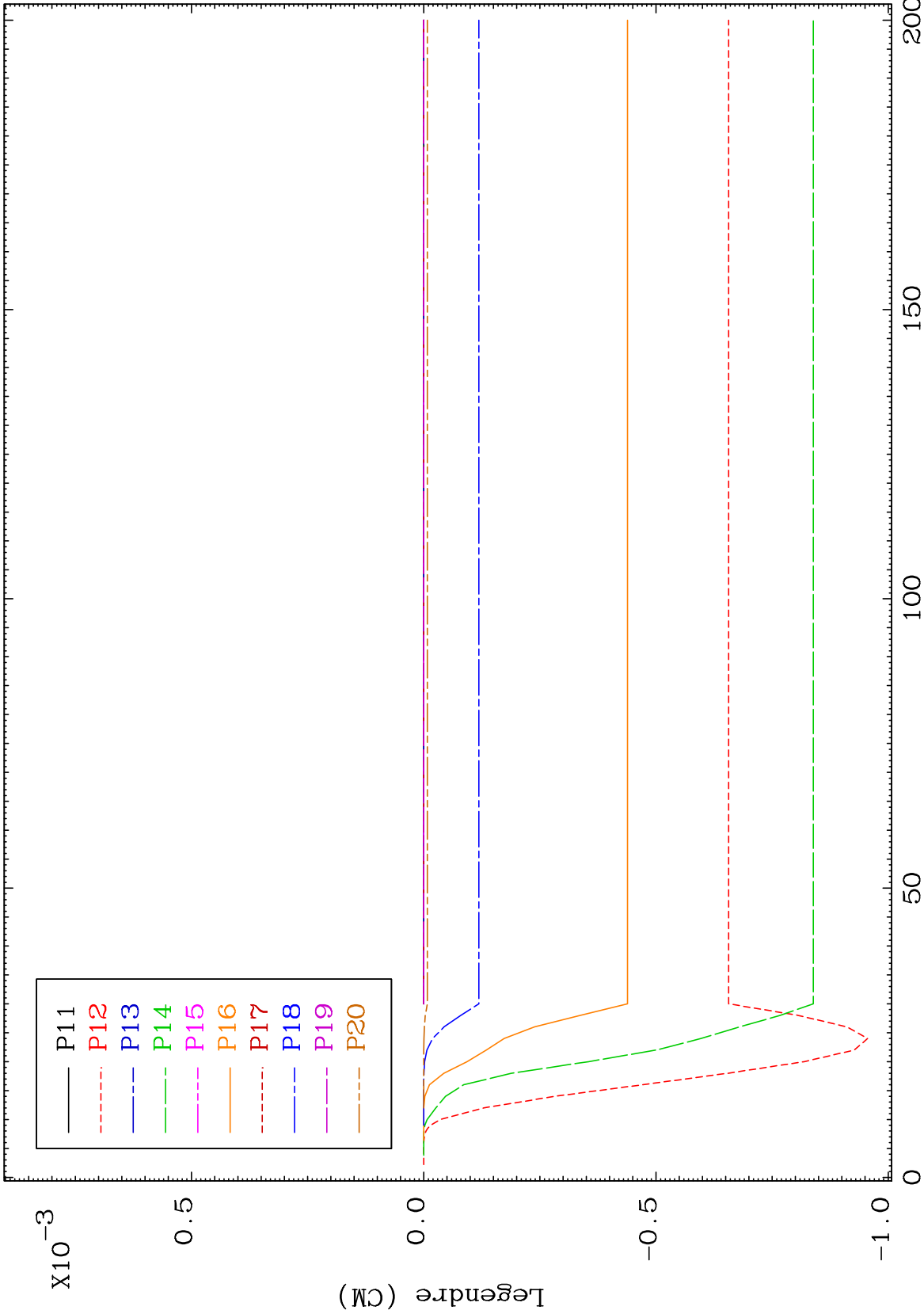


24 55-Cs-129

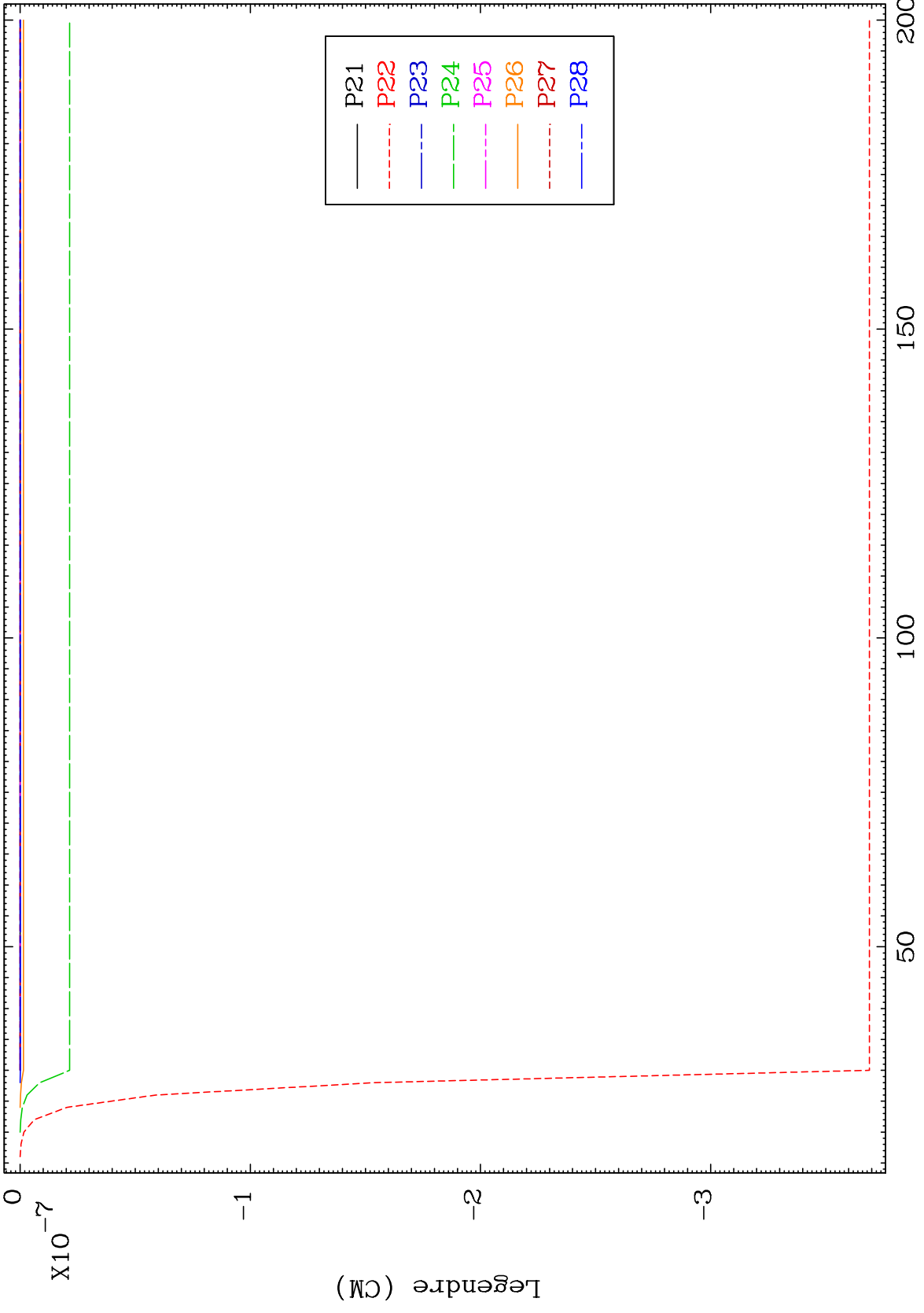
MAT 5513

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

55-Cs-129



MAT 5513 MT= 52 (n,n') Level Legendre Coefficients 55-Cs-129

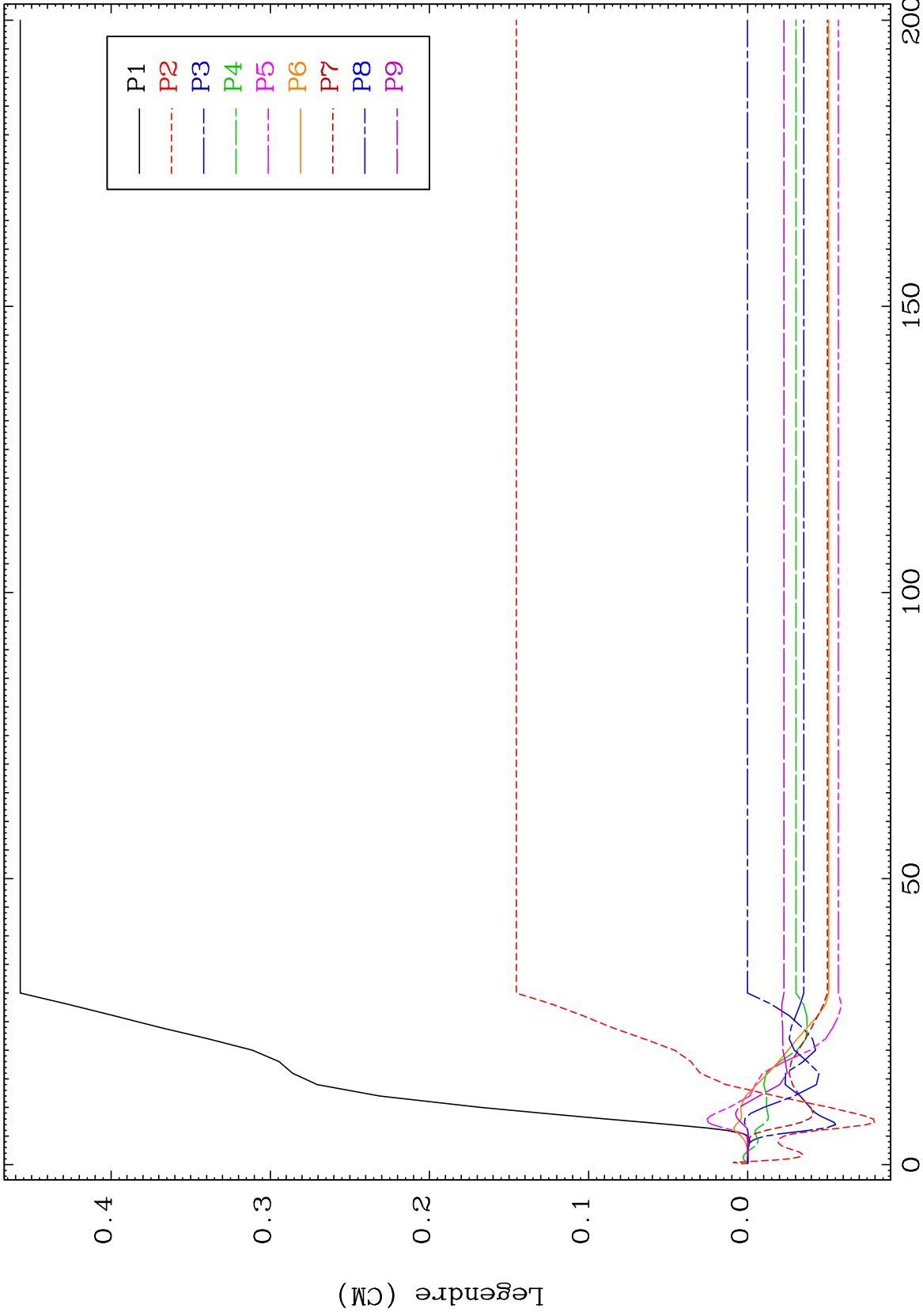


26 Incident Energy (MeV) 55-Cs-129

MAT 5513

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

55-Cs-129



27

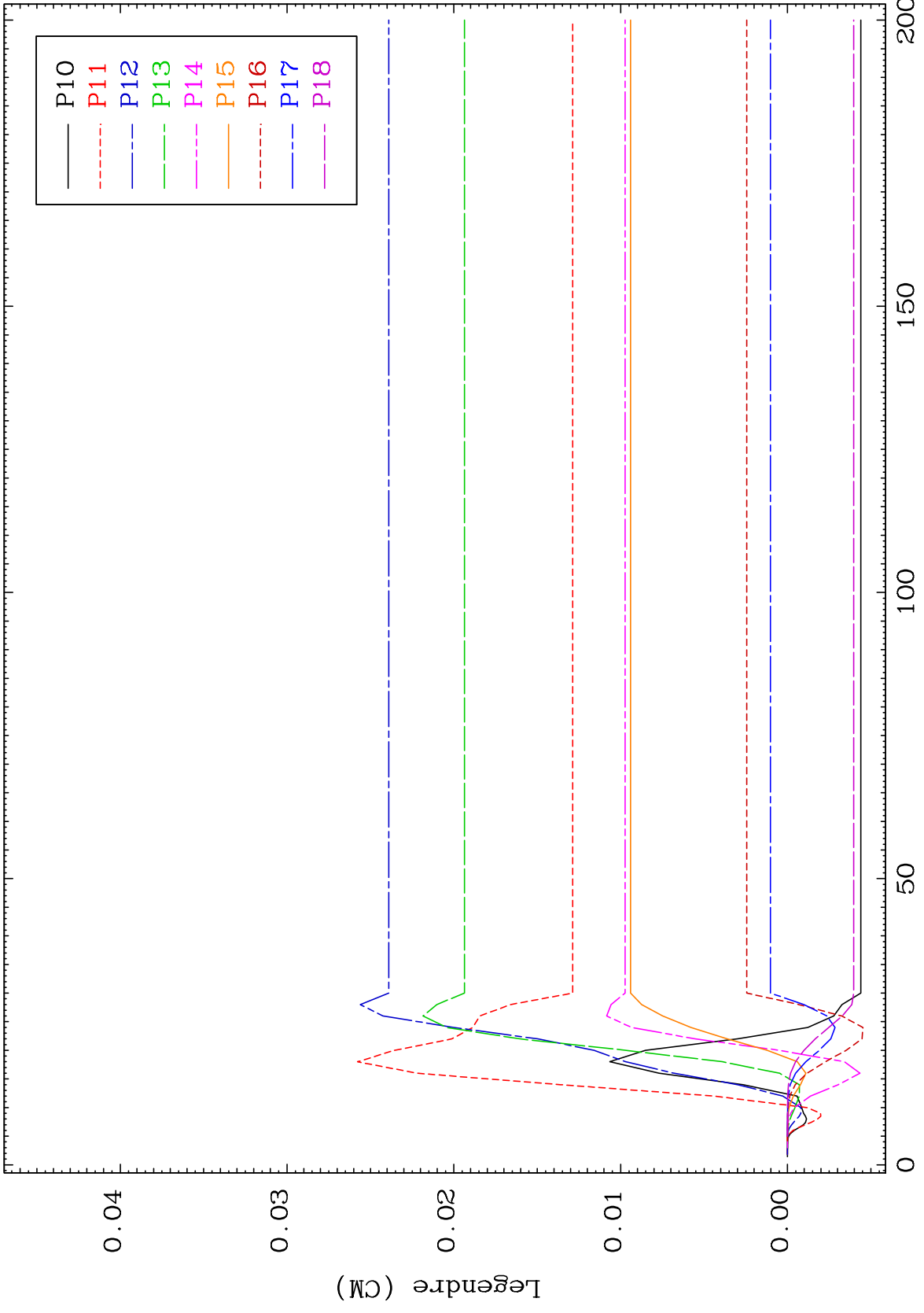
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



28

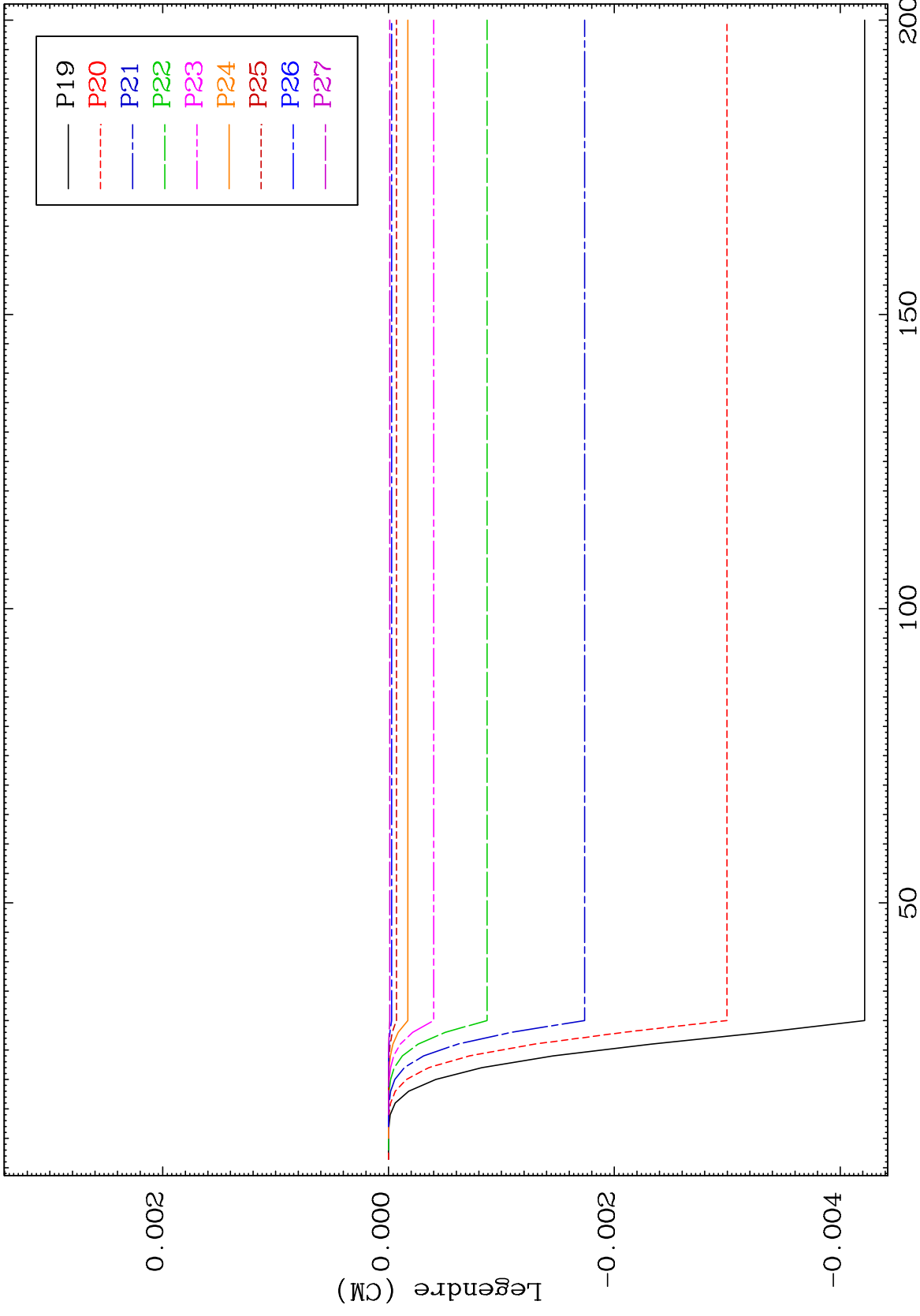
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



29

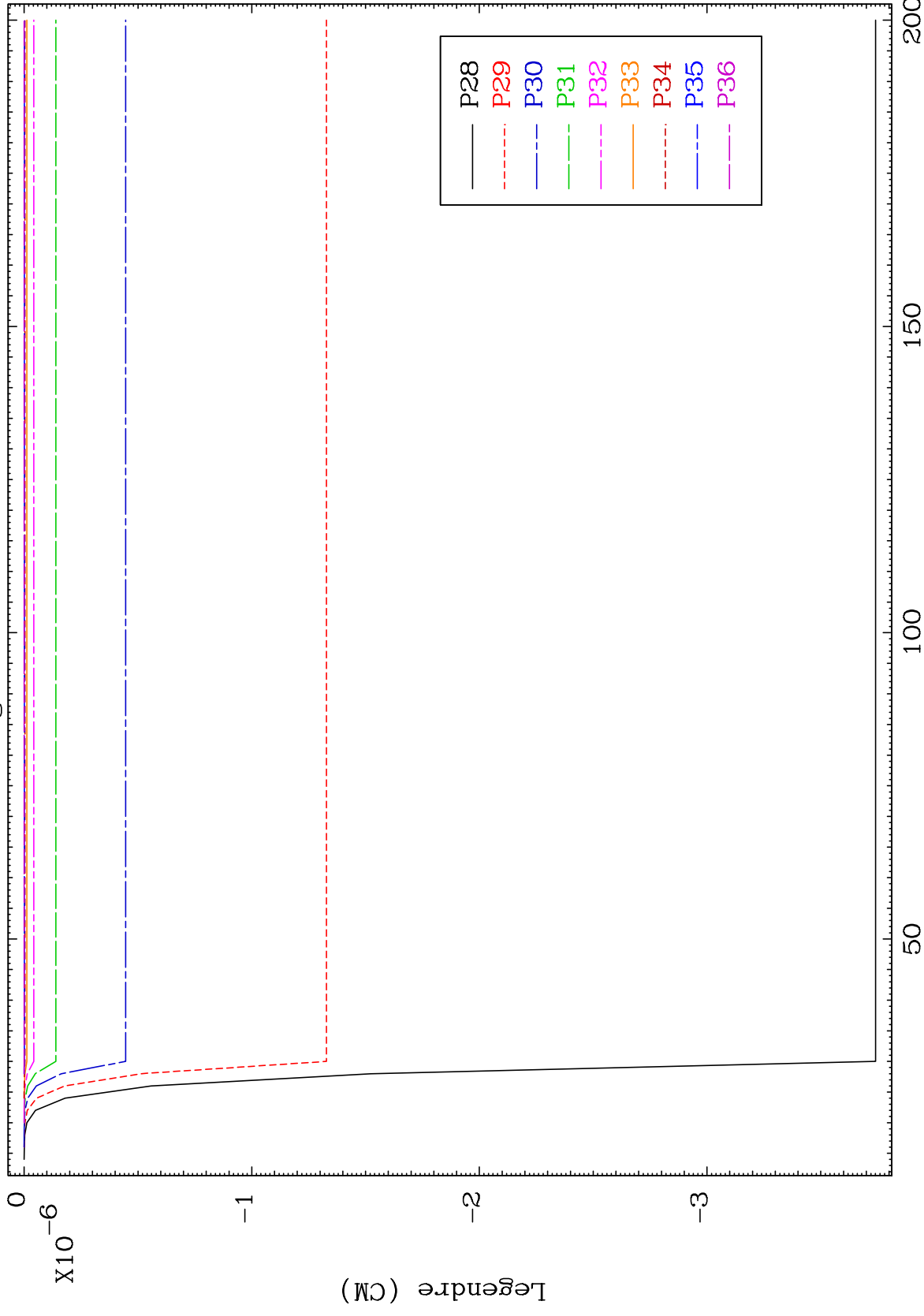
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



55-Cs-129

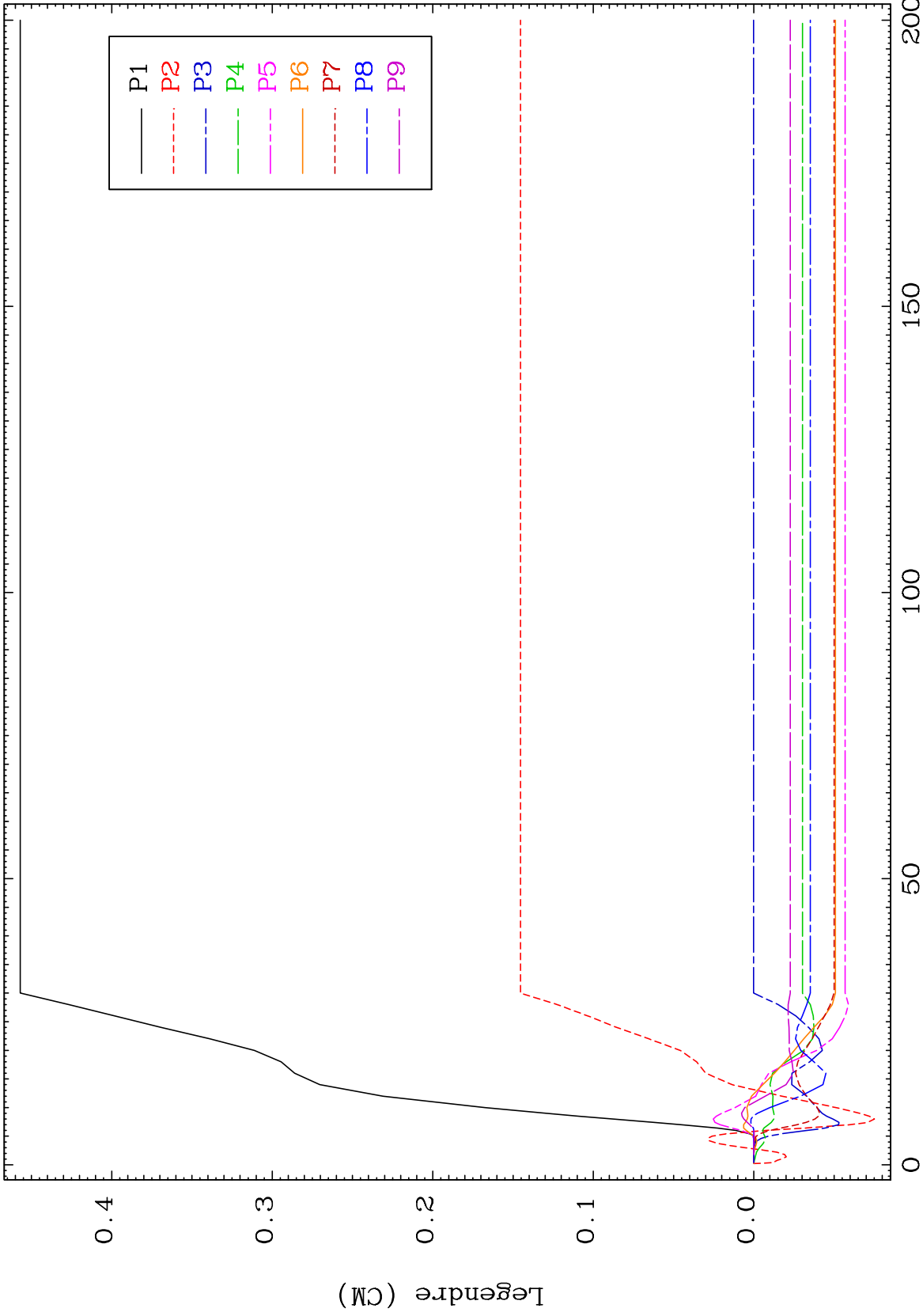
Incident Energy (MeV)

30

MAT 5513

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

55-Cs-129



31

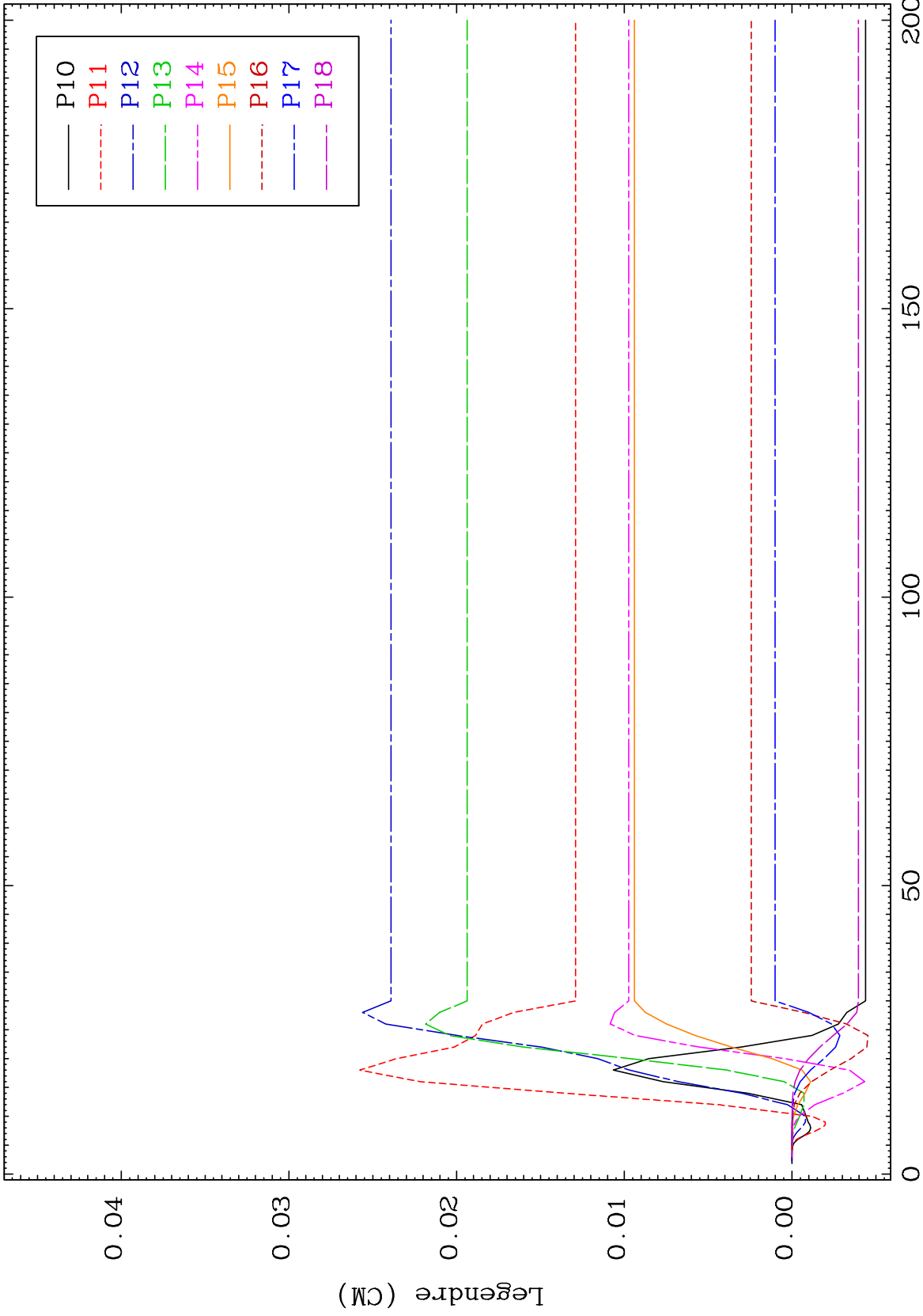
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



32

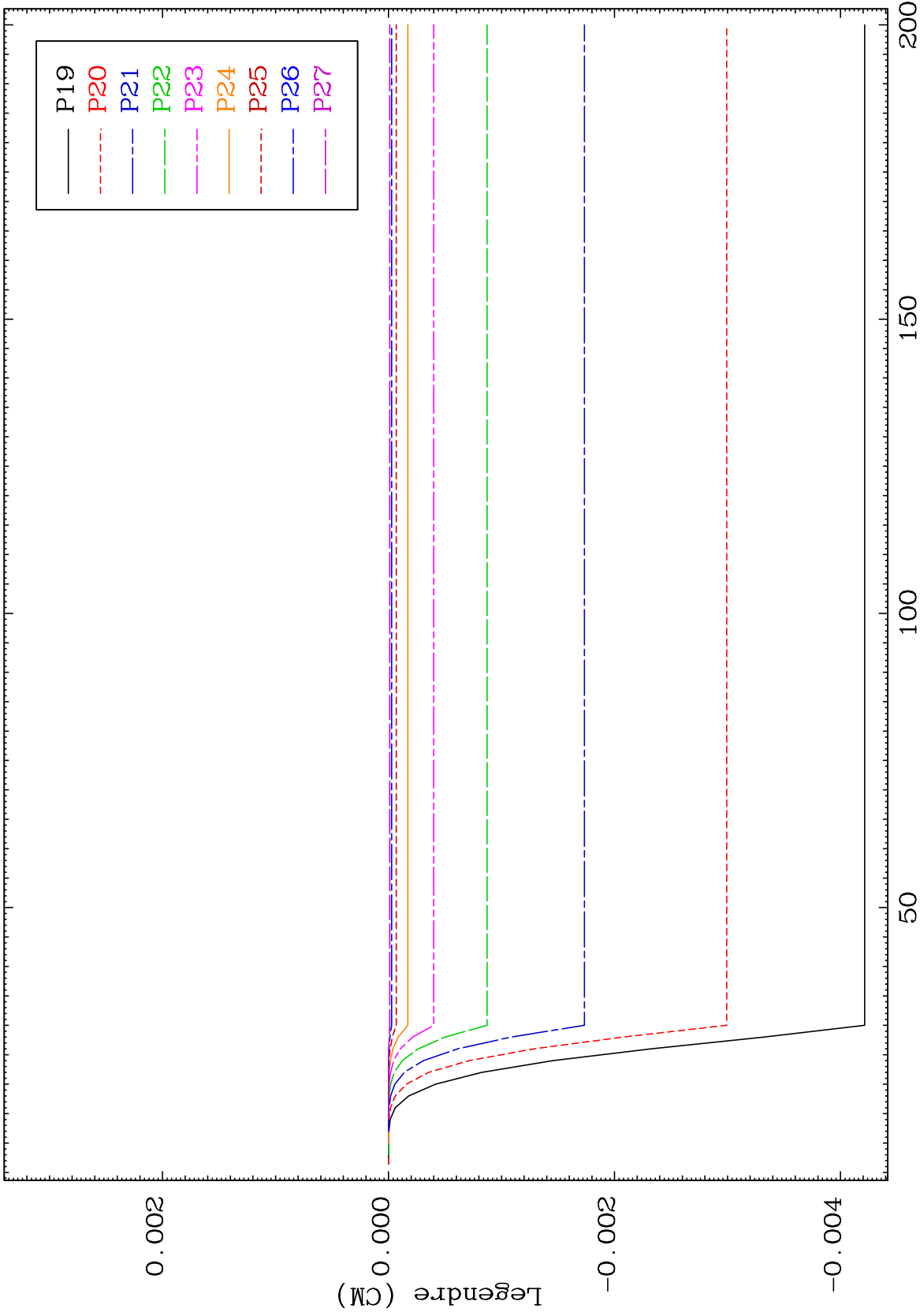
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



33

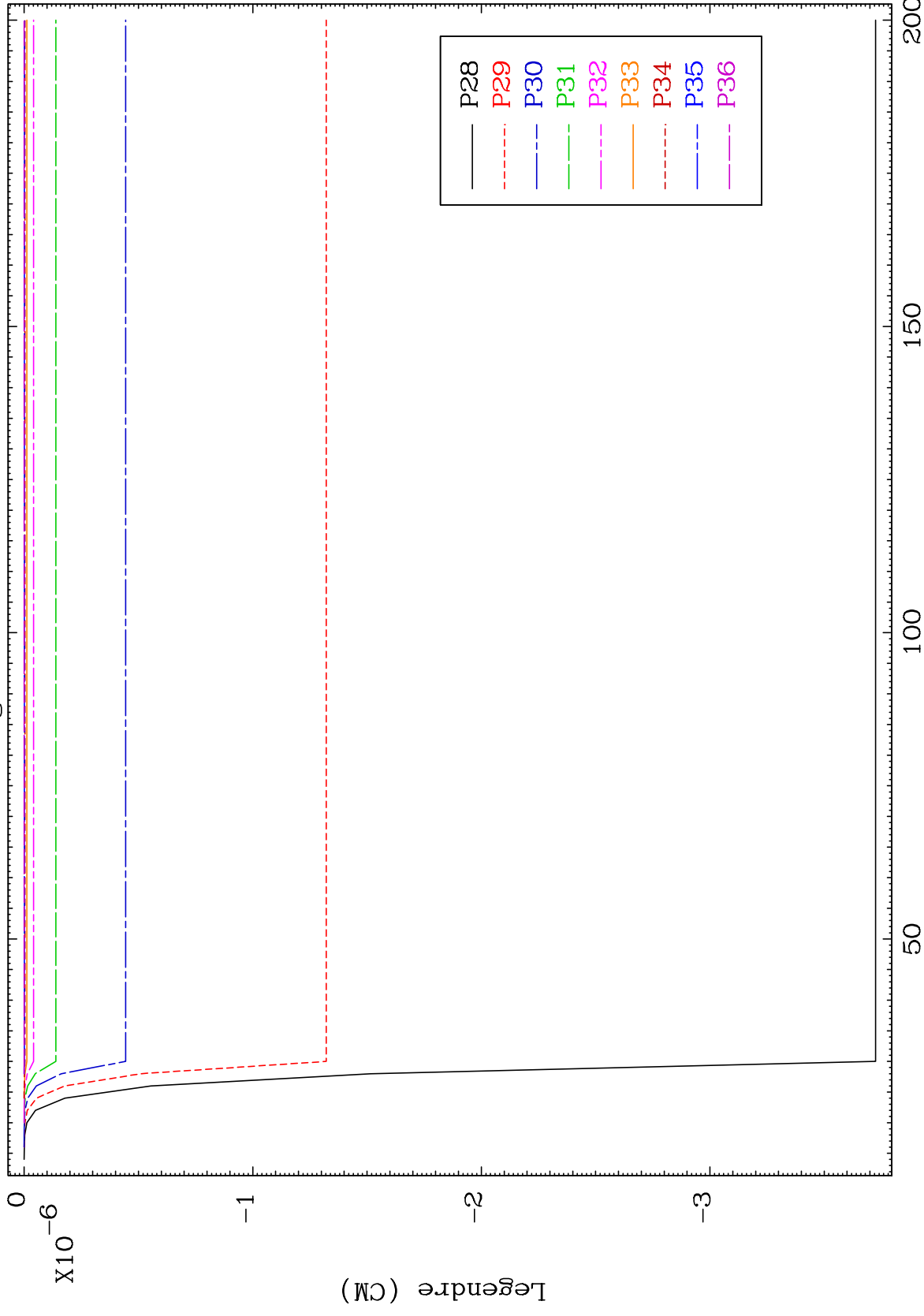
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129

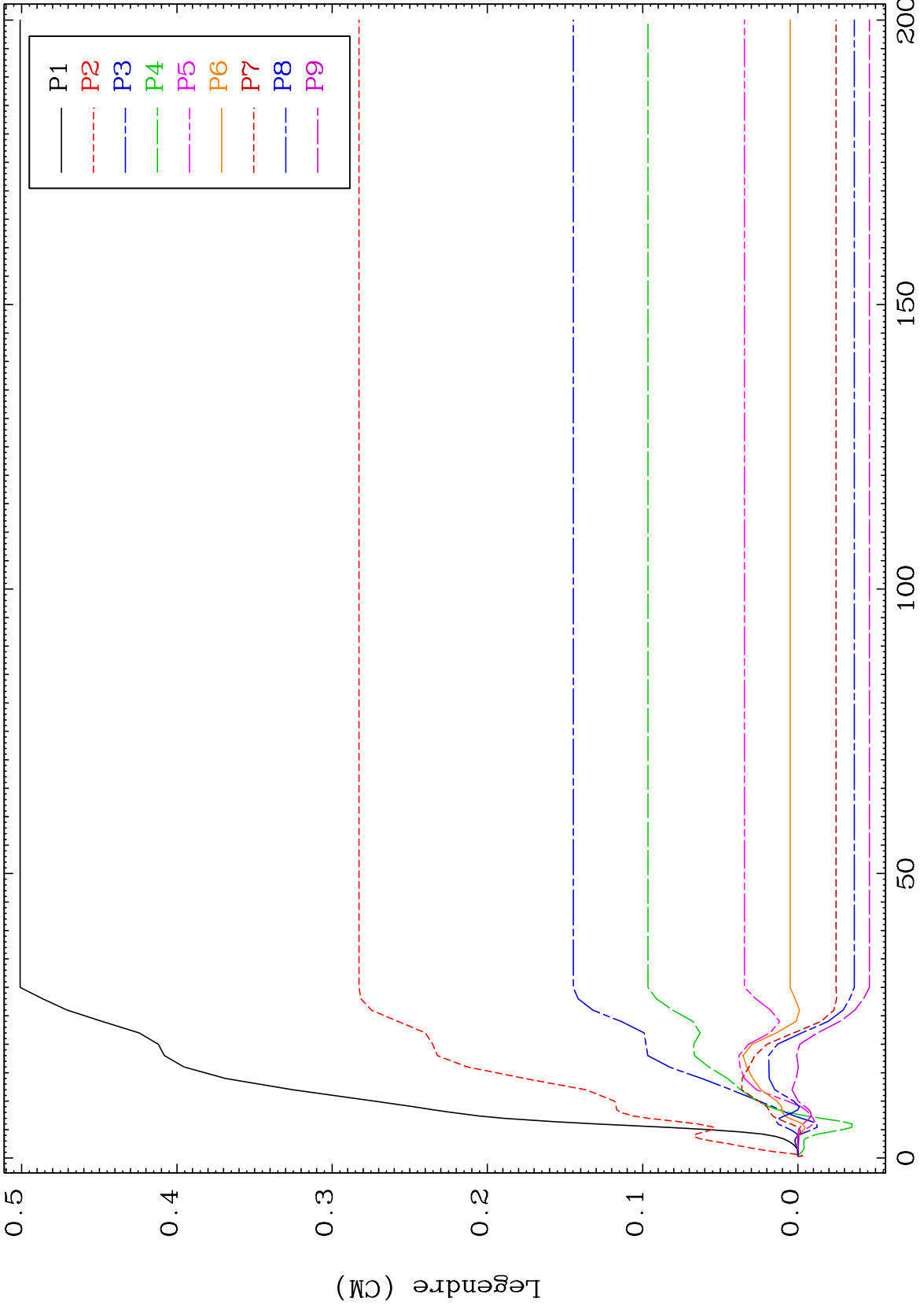


55-Cs-129

Incident Energy (MeV)

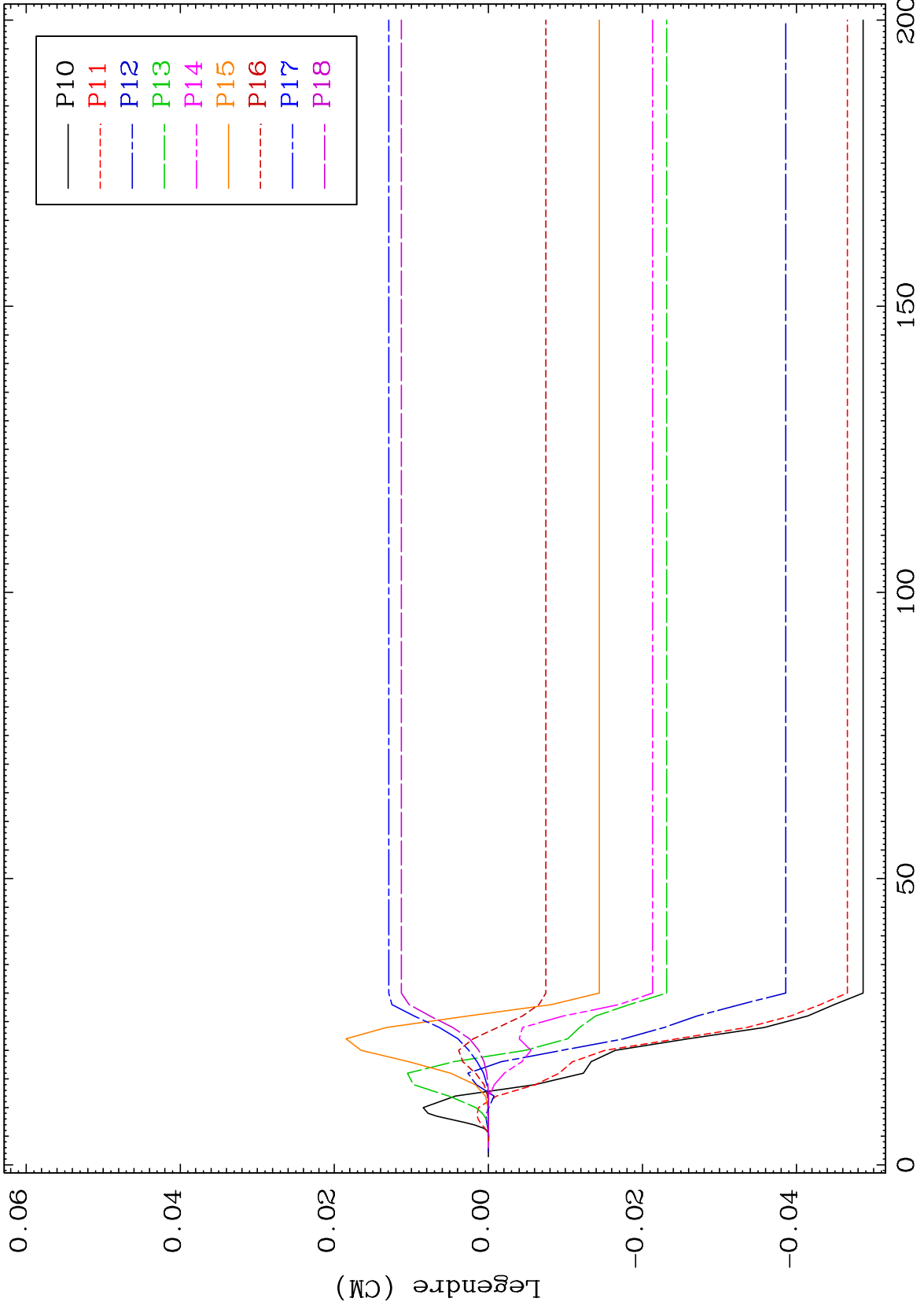
34

MAT 5513 MT= 55 (n,n') Level Legendre Coefficients 55-Cs-129



35 Incident Energy (MeV) 55-Cs-129

MAT 5513 MT= 55 (n,n') Level Legendre Coefficients 55-Cs-129

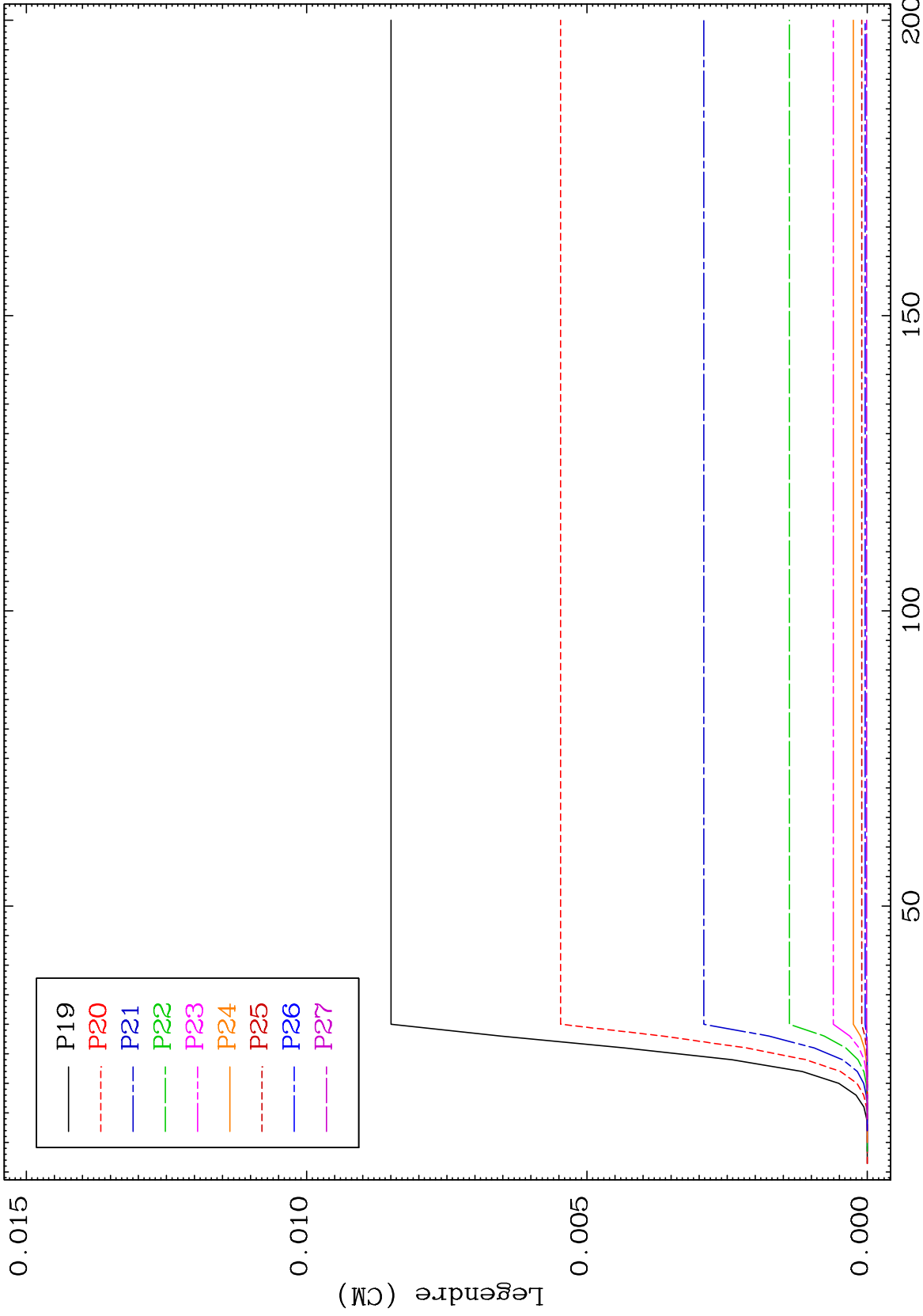


36 55-Cs-129

MAT 5513

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

55-Cs-129



37

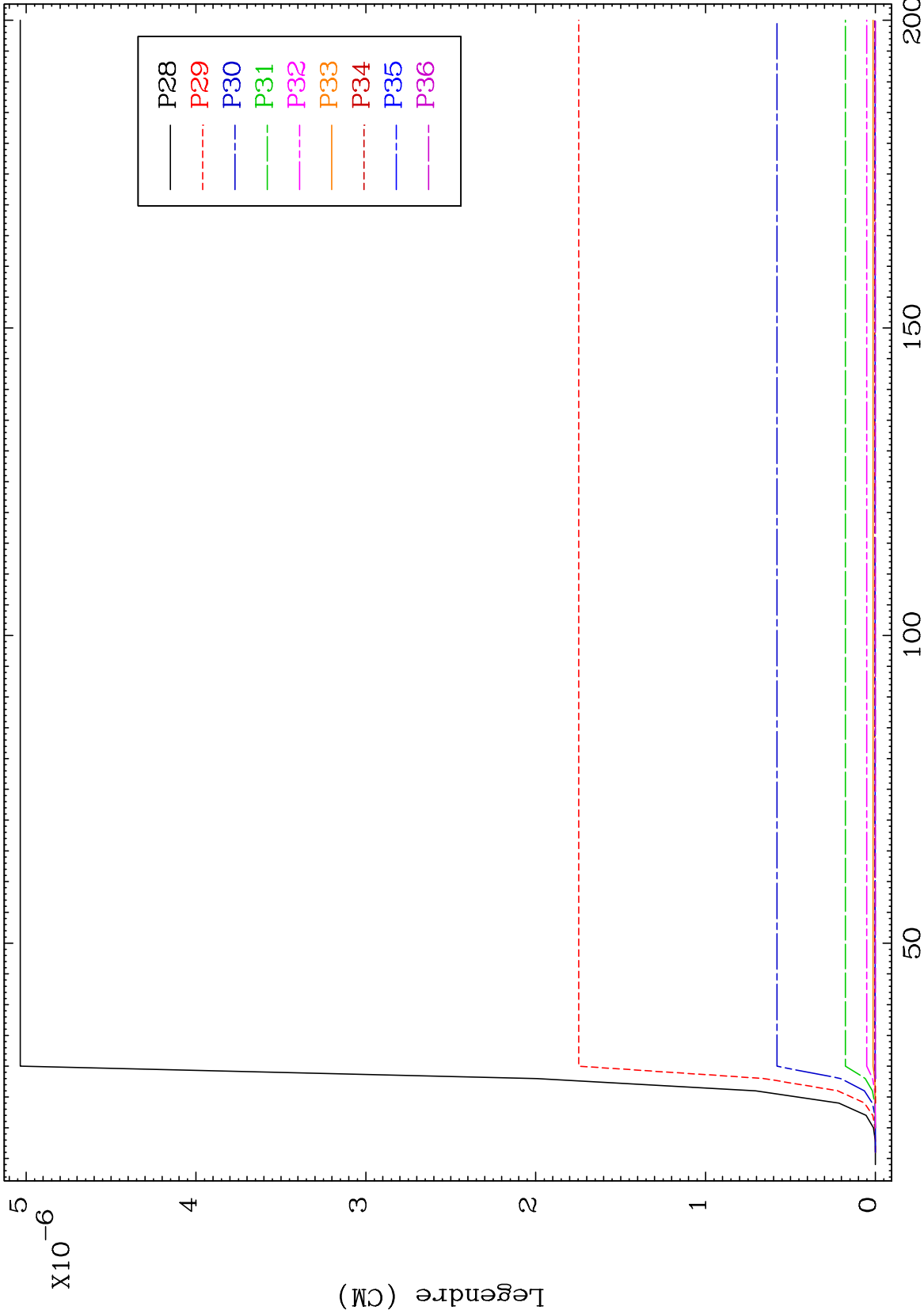
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



38

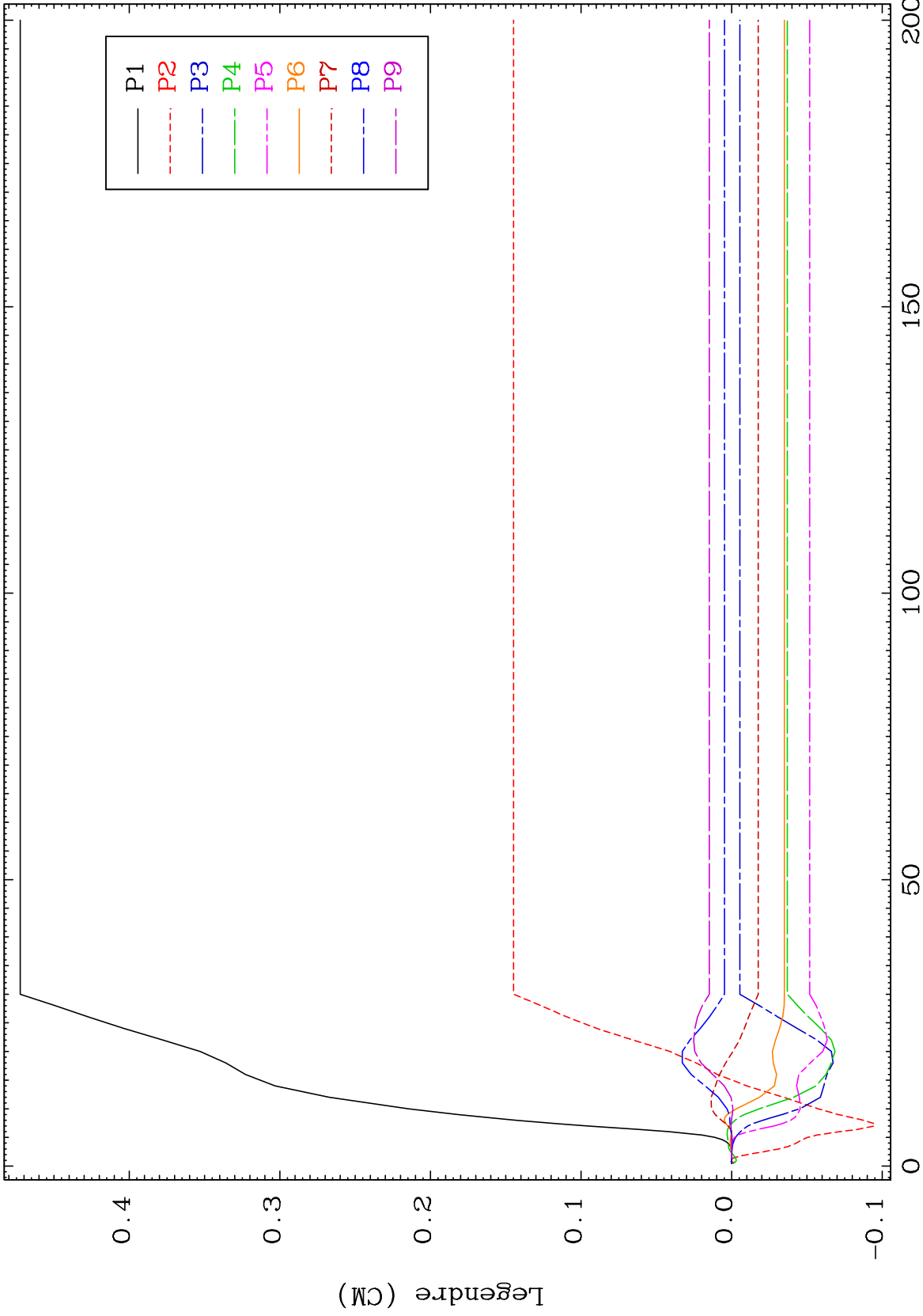
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



39

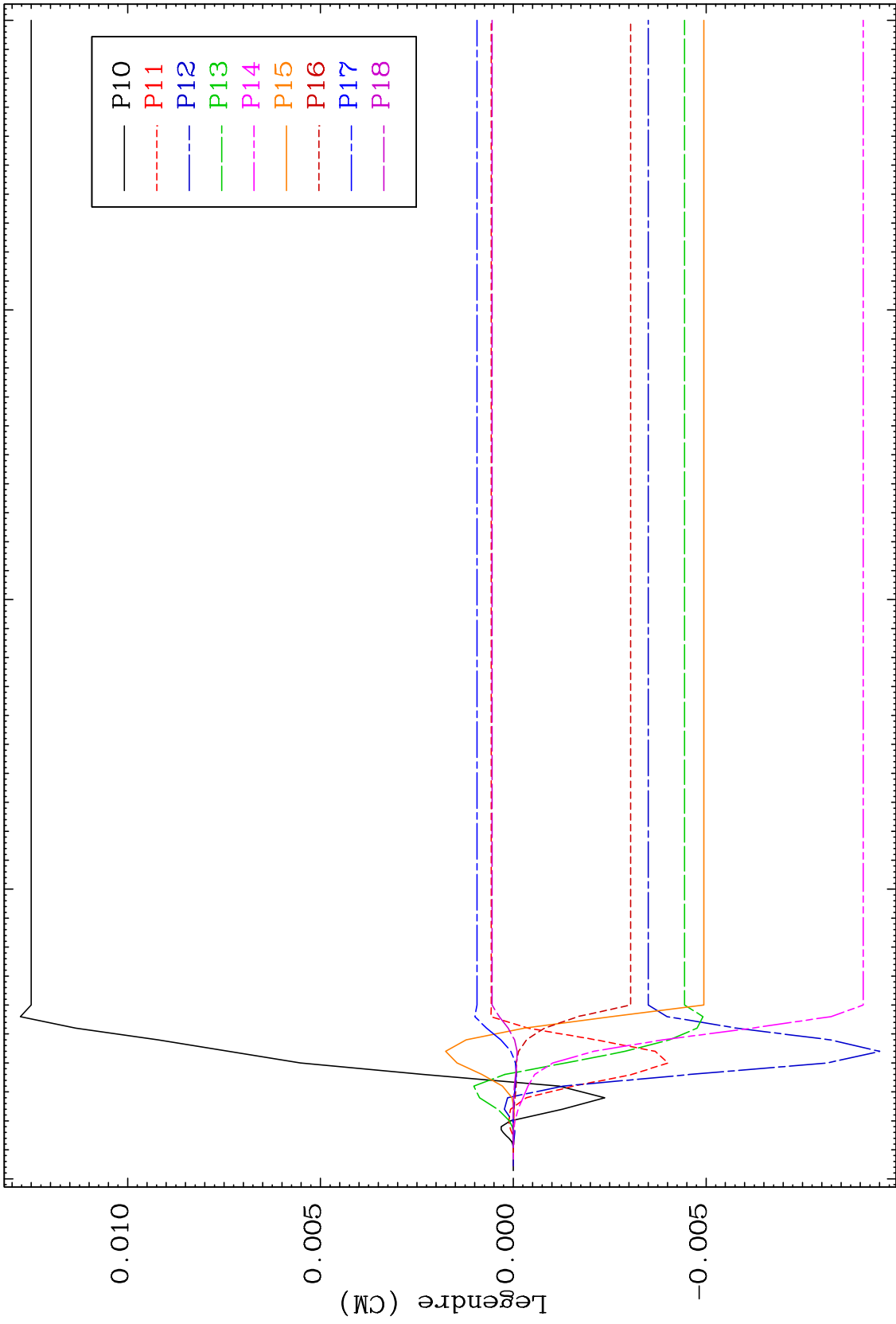
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



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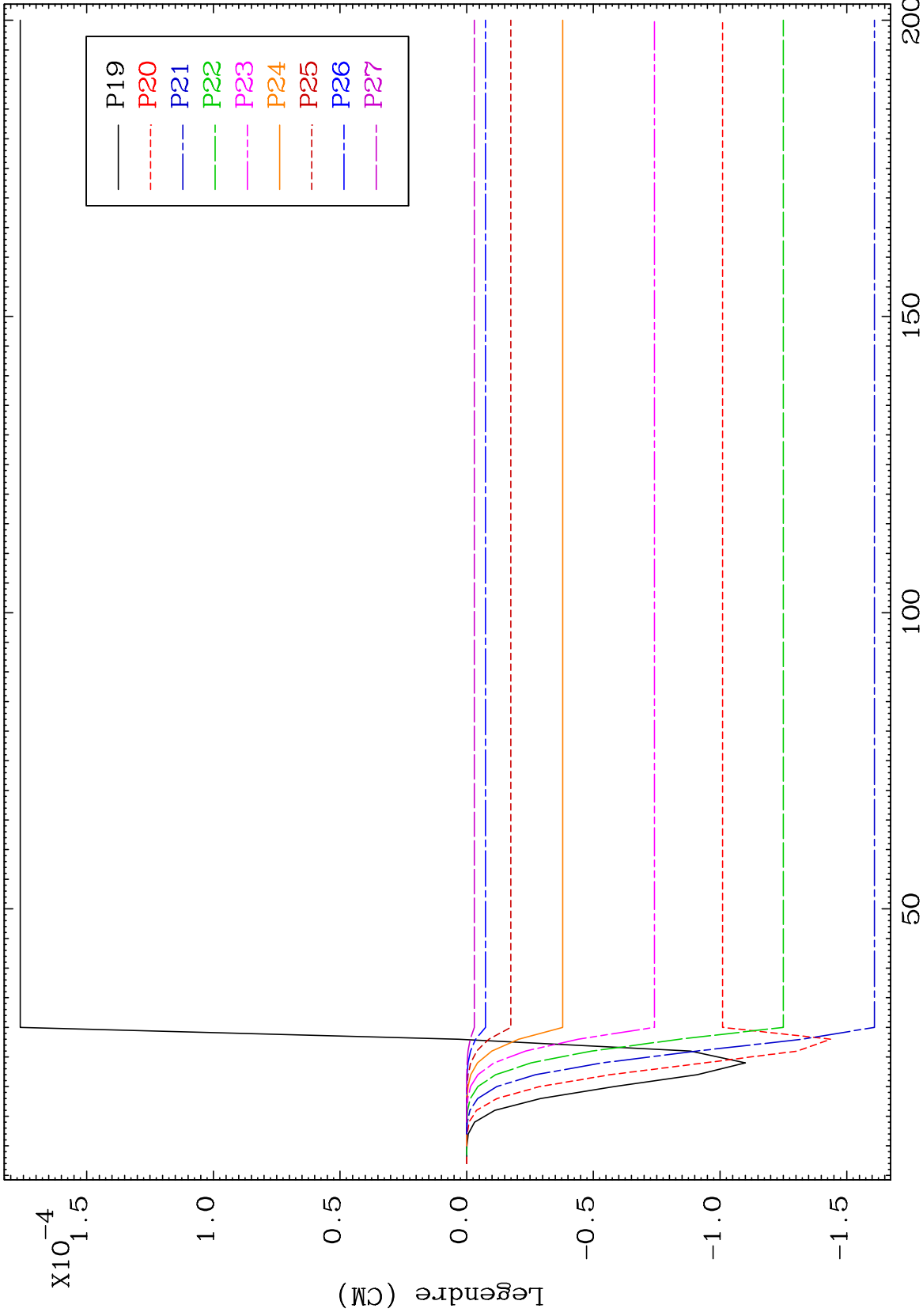
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129

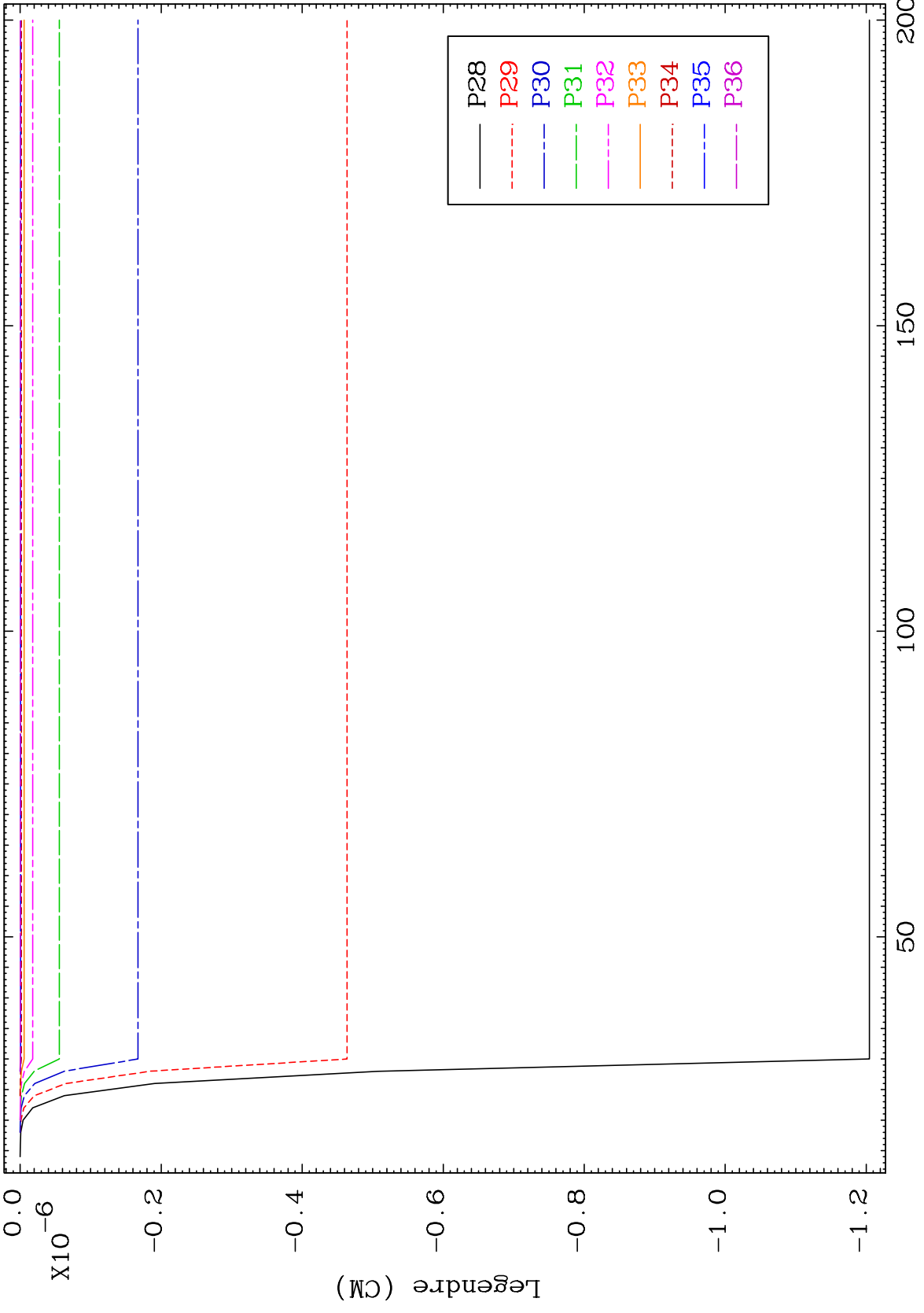


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Incident Energy (MeV)

55-Cs-129

MAT 5513 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-129

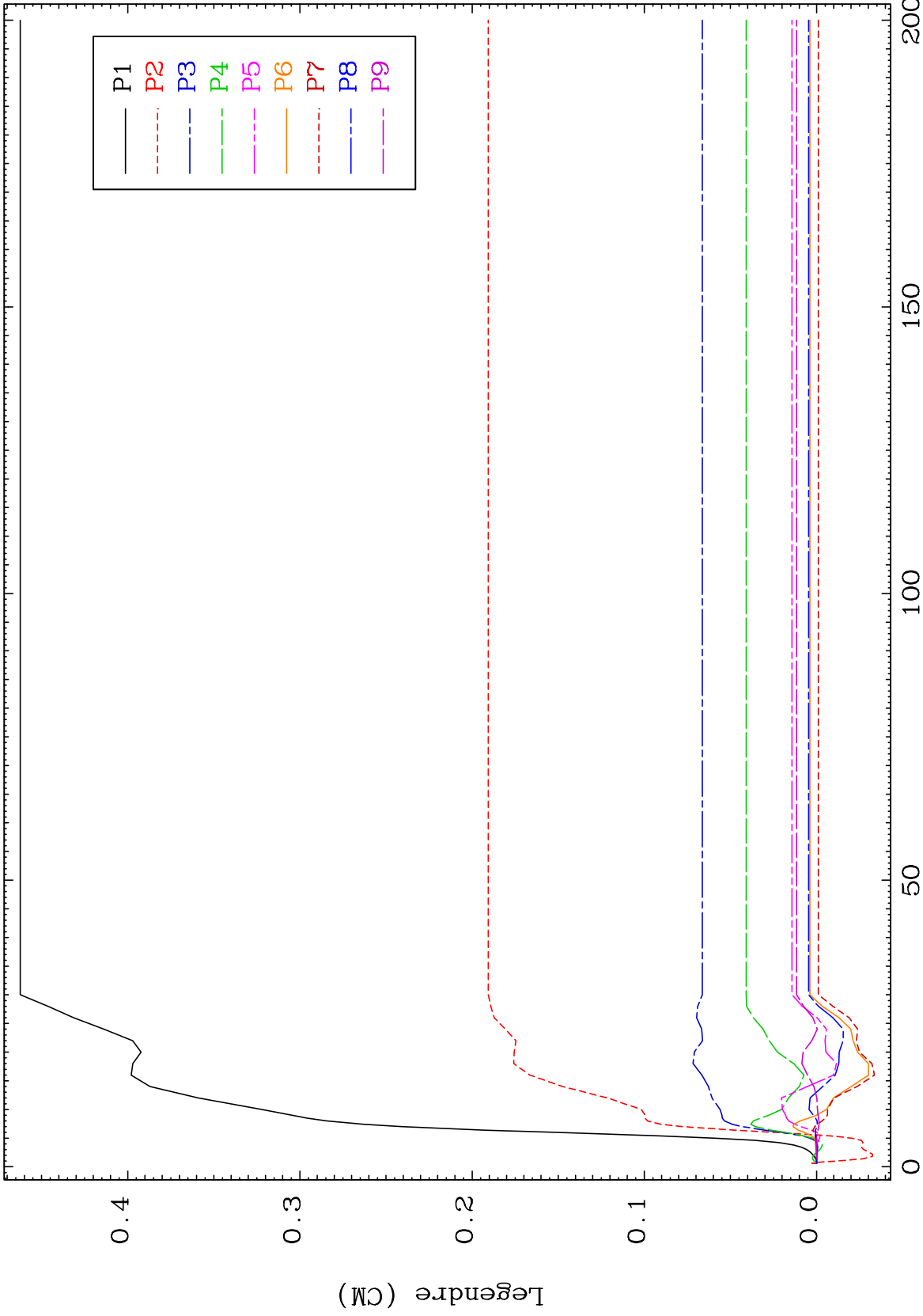


42 55-Cs-129

MAT 5513

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

55-Cs-129



43

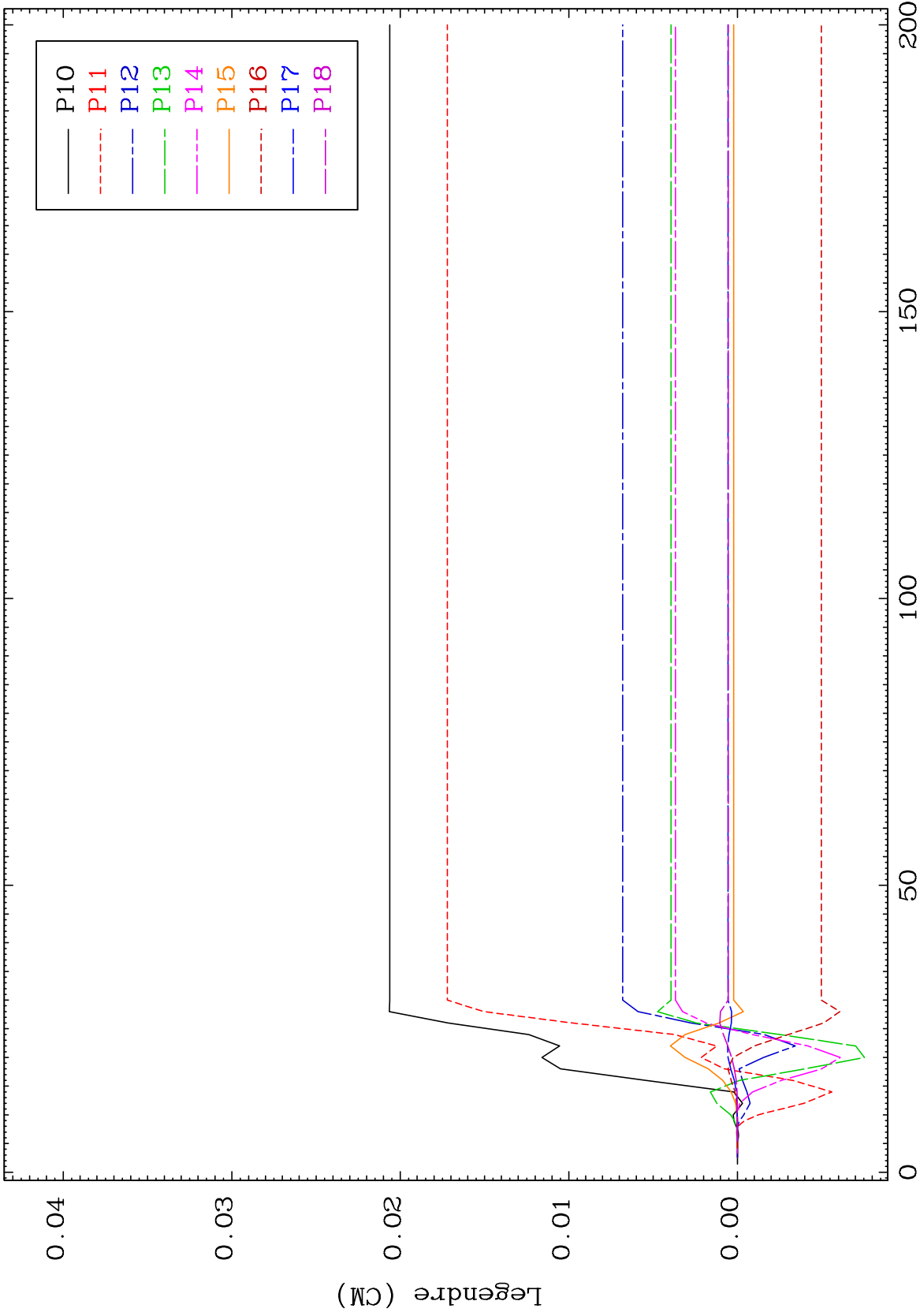
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



44

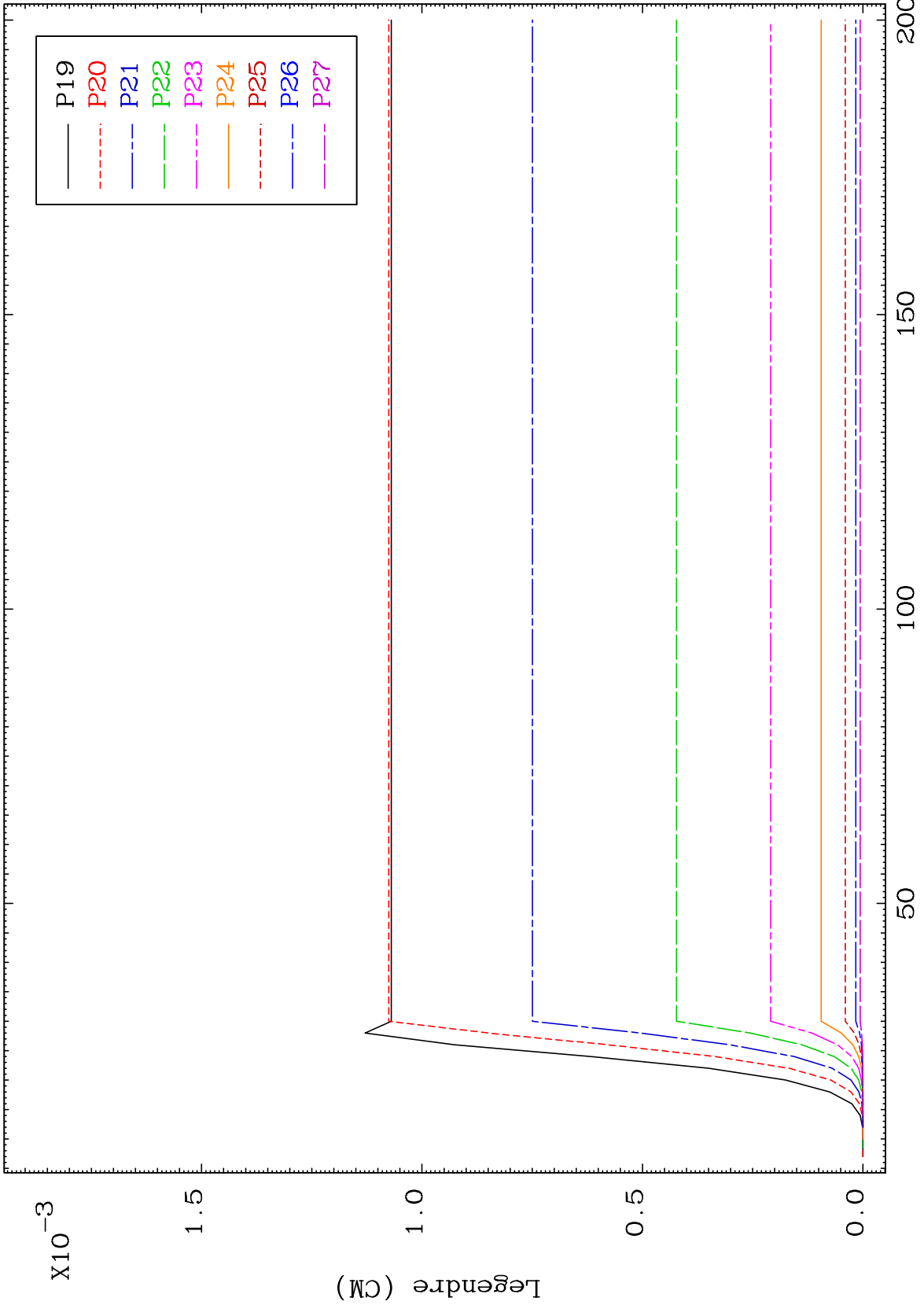
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



45

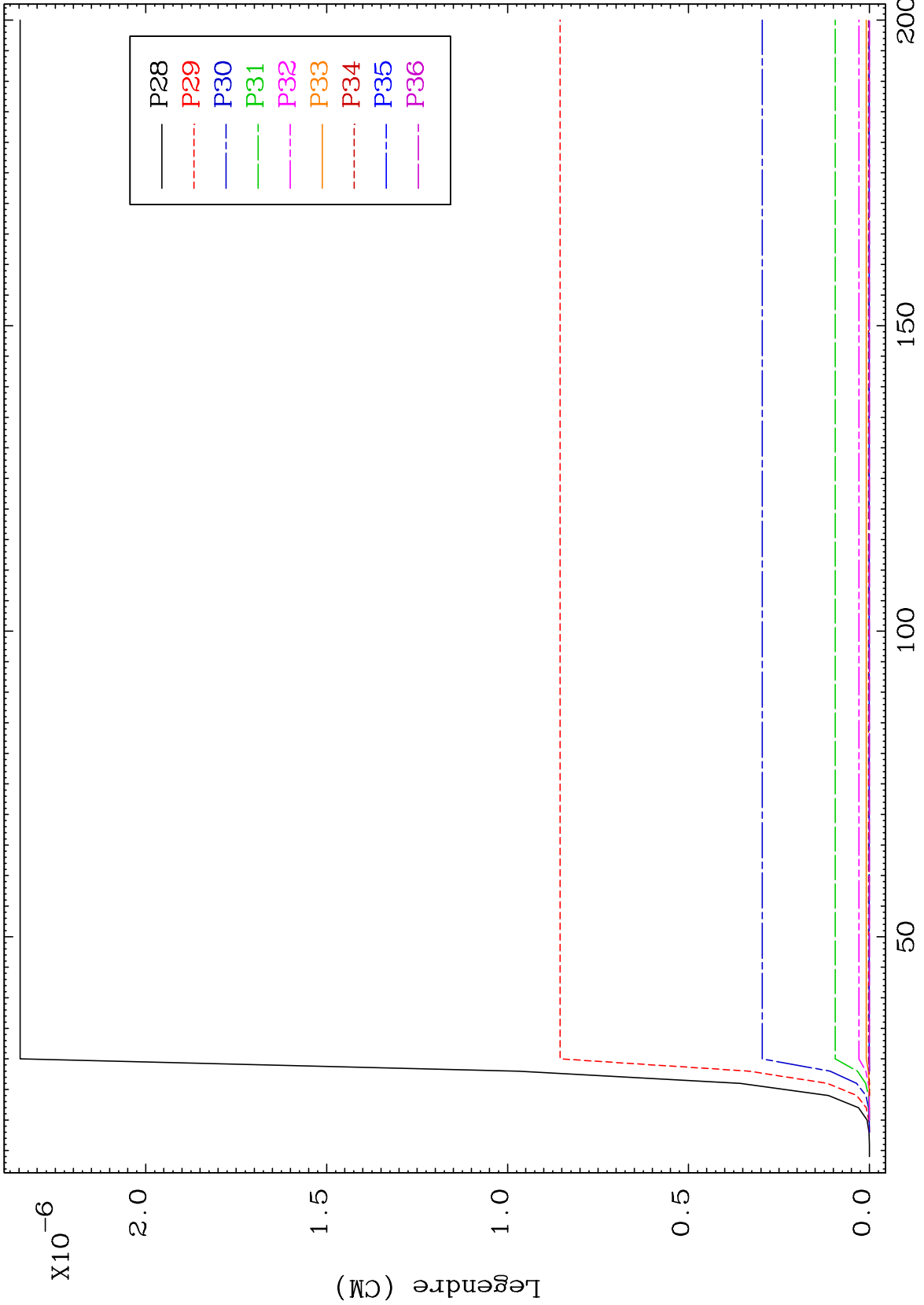
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



46

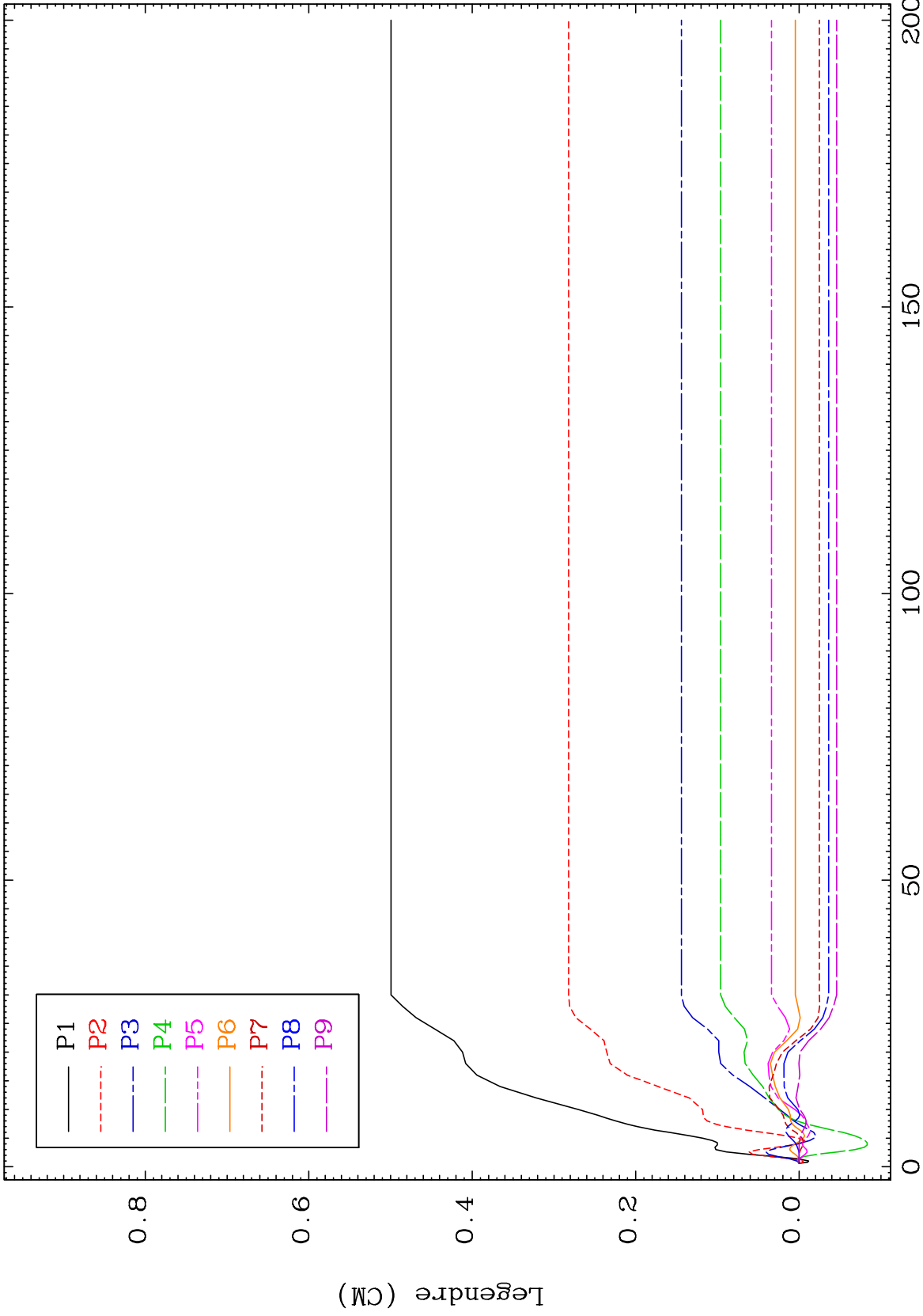
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129

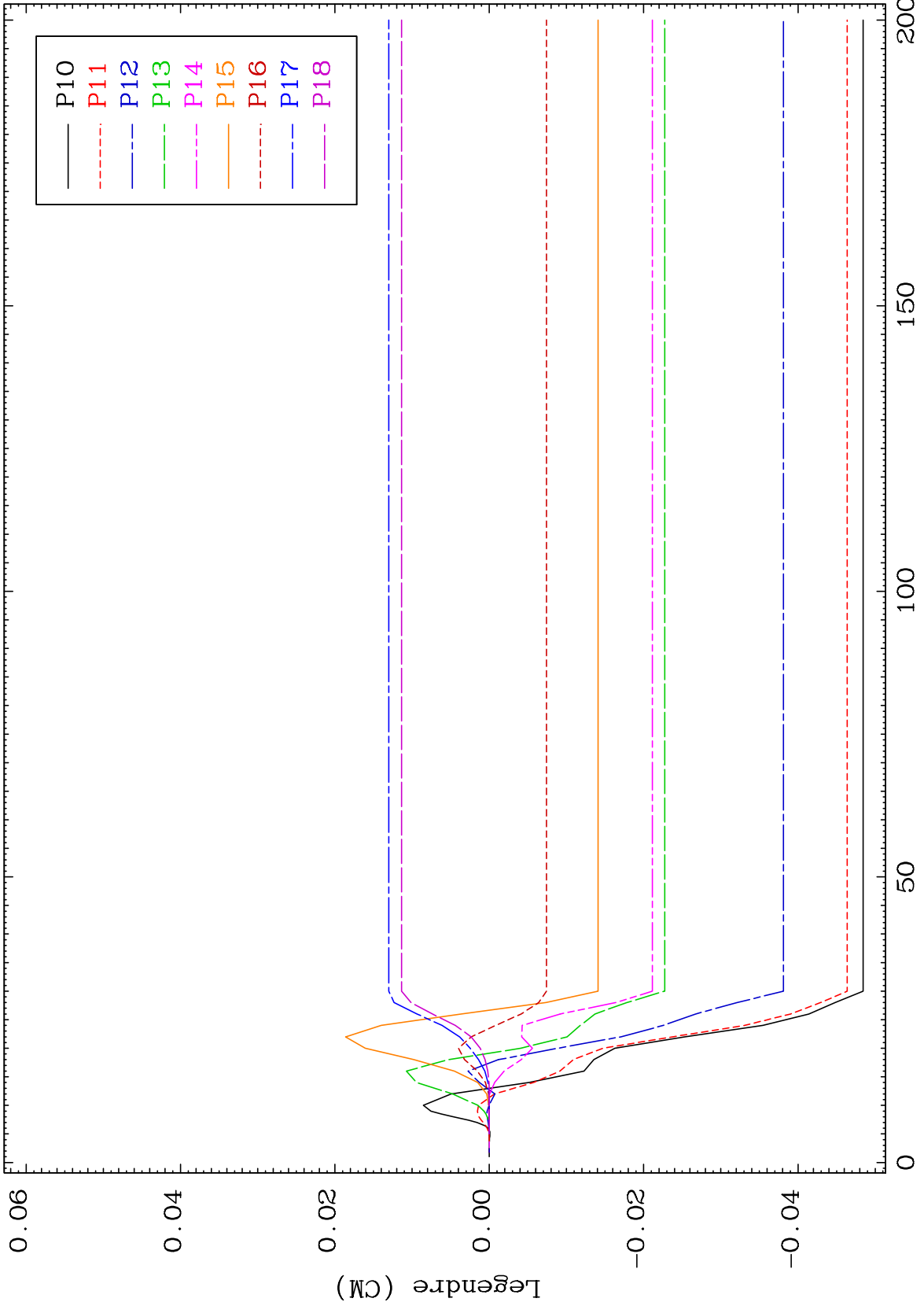


47

Incident Energy (MeV)

55-Cs-129

MAT 5513 MT= 58 (n,n') Level Legendre Coefficients 55-Cs-129

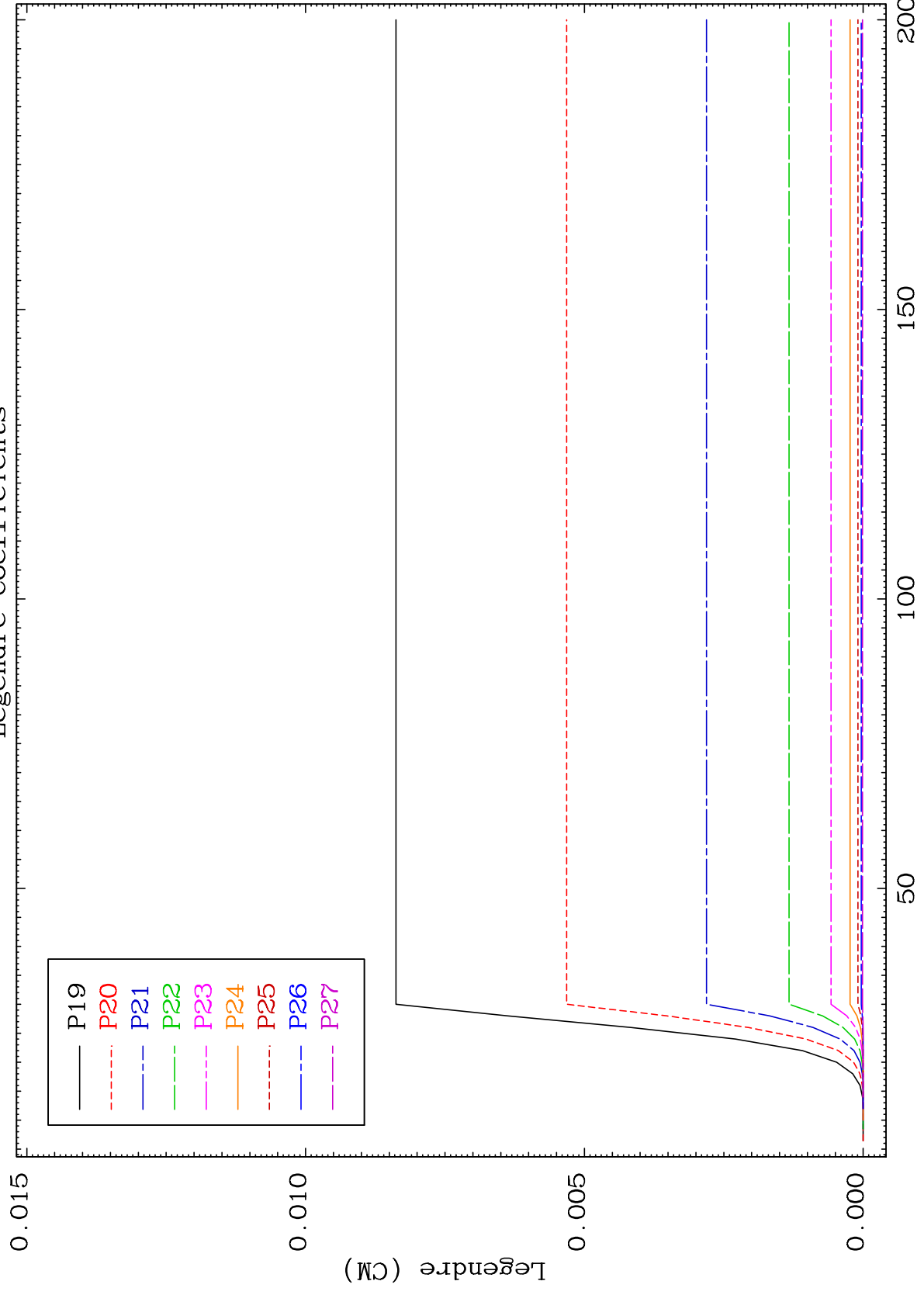


48 55-Cs-129

MAT 5513

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

55-Cs-129



49

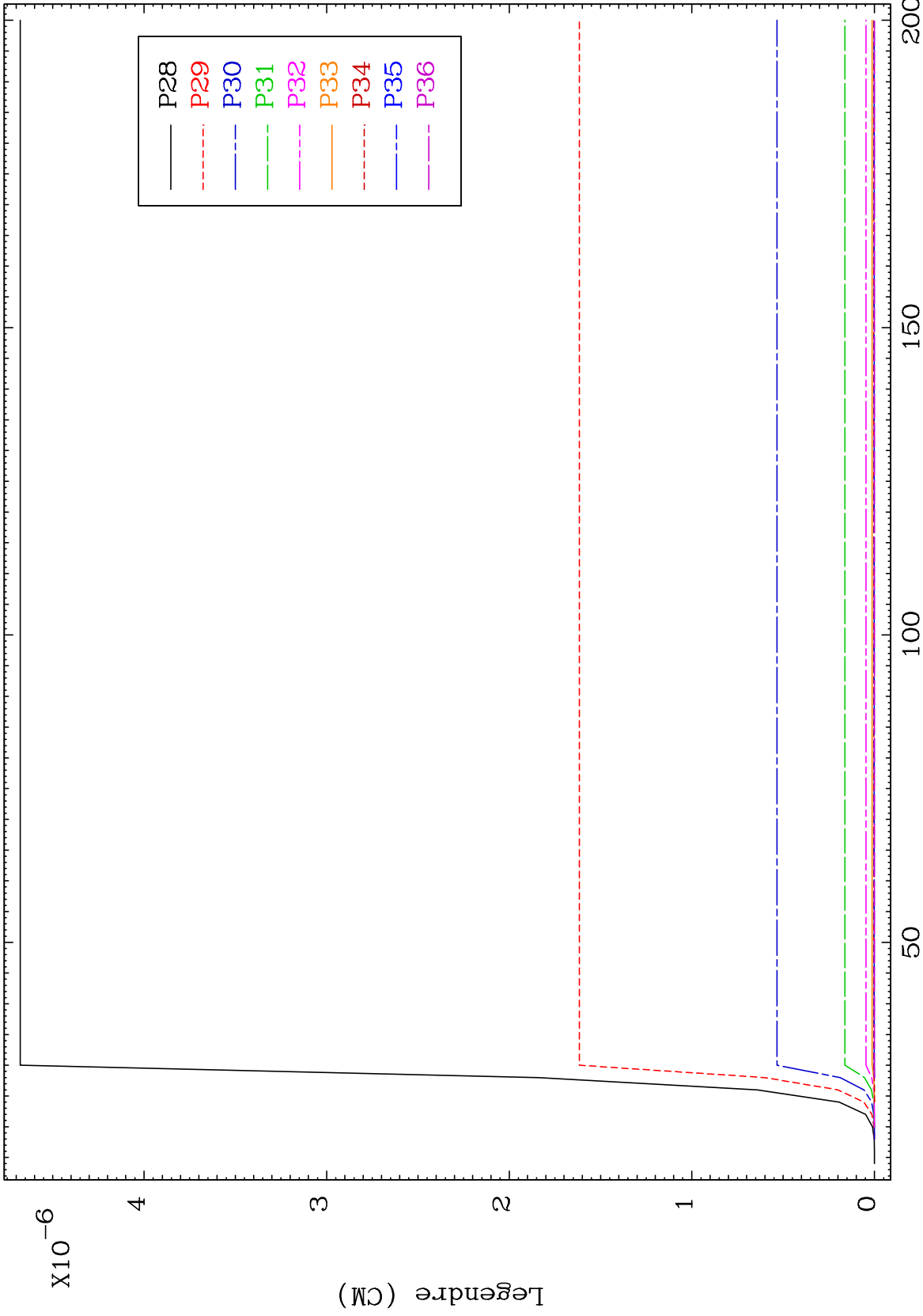
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

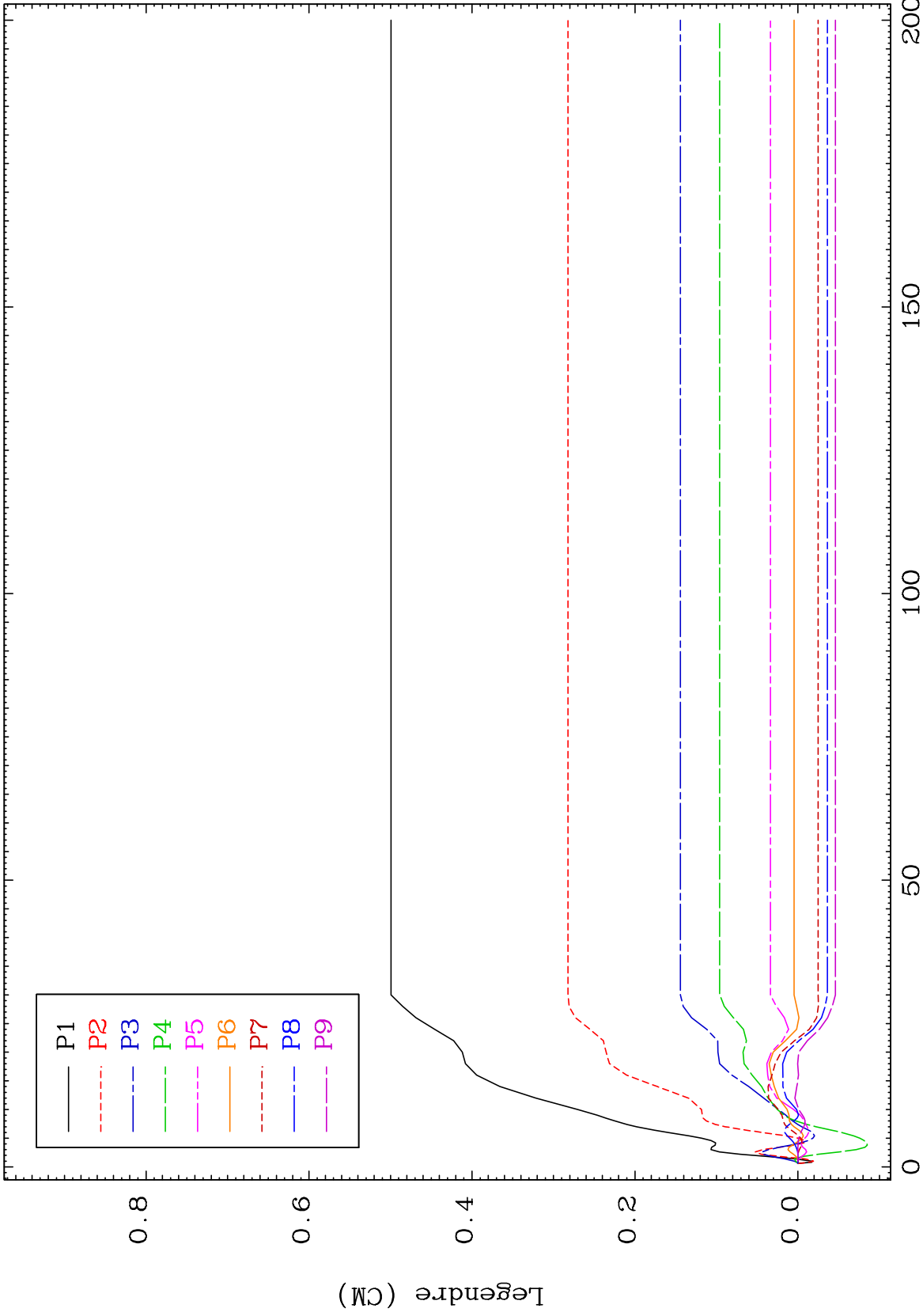
55-Cs-129



MAT 5513

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

55-Cs-129



51

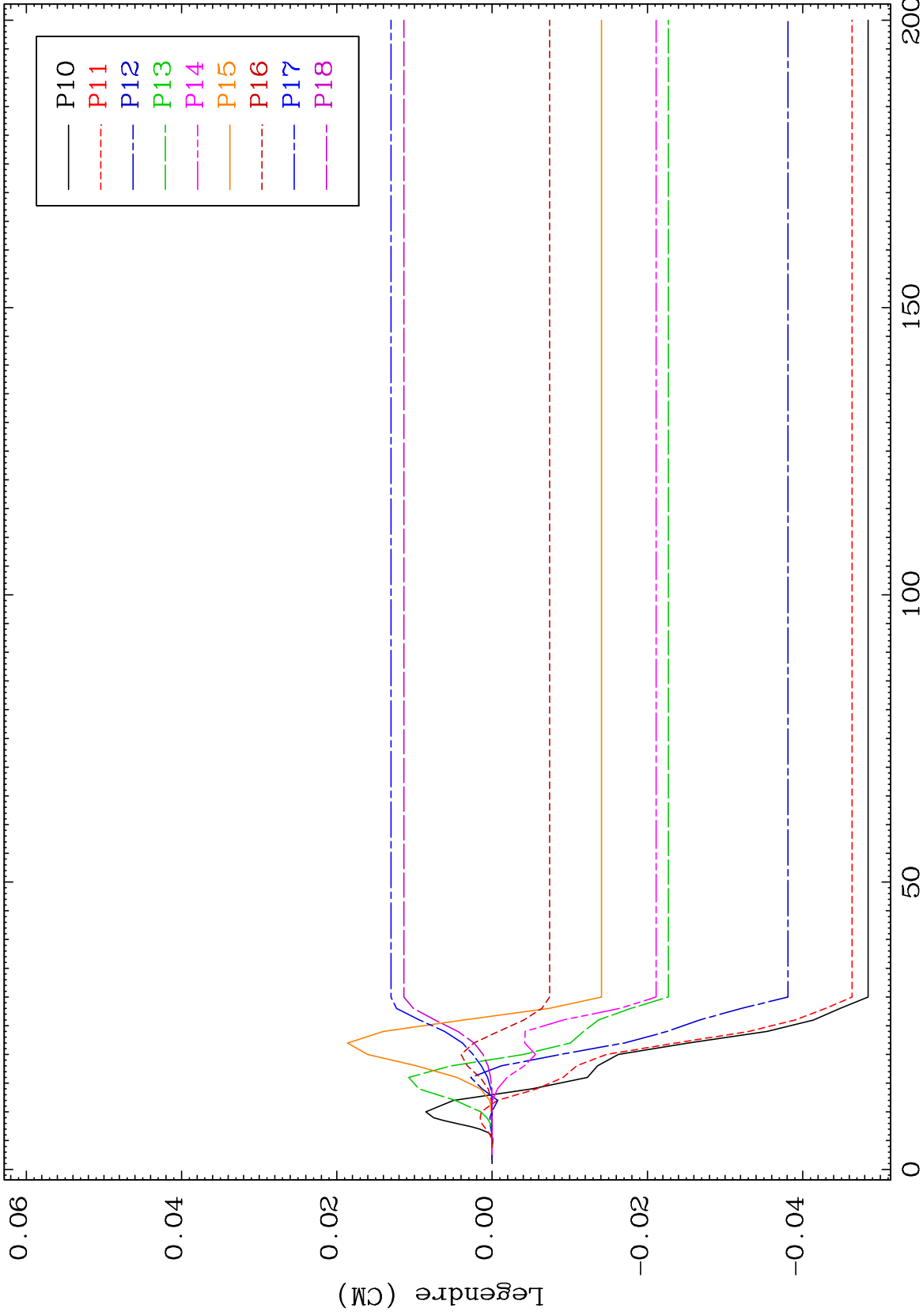
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



52

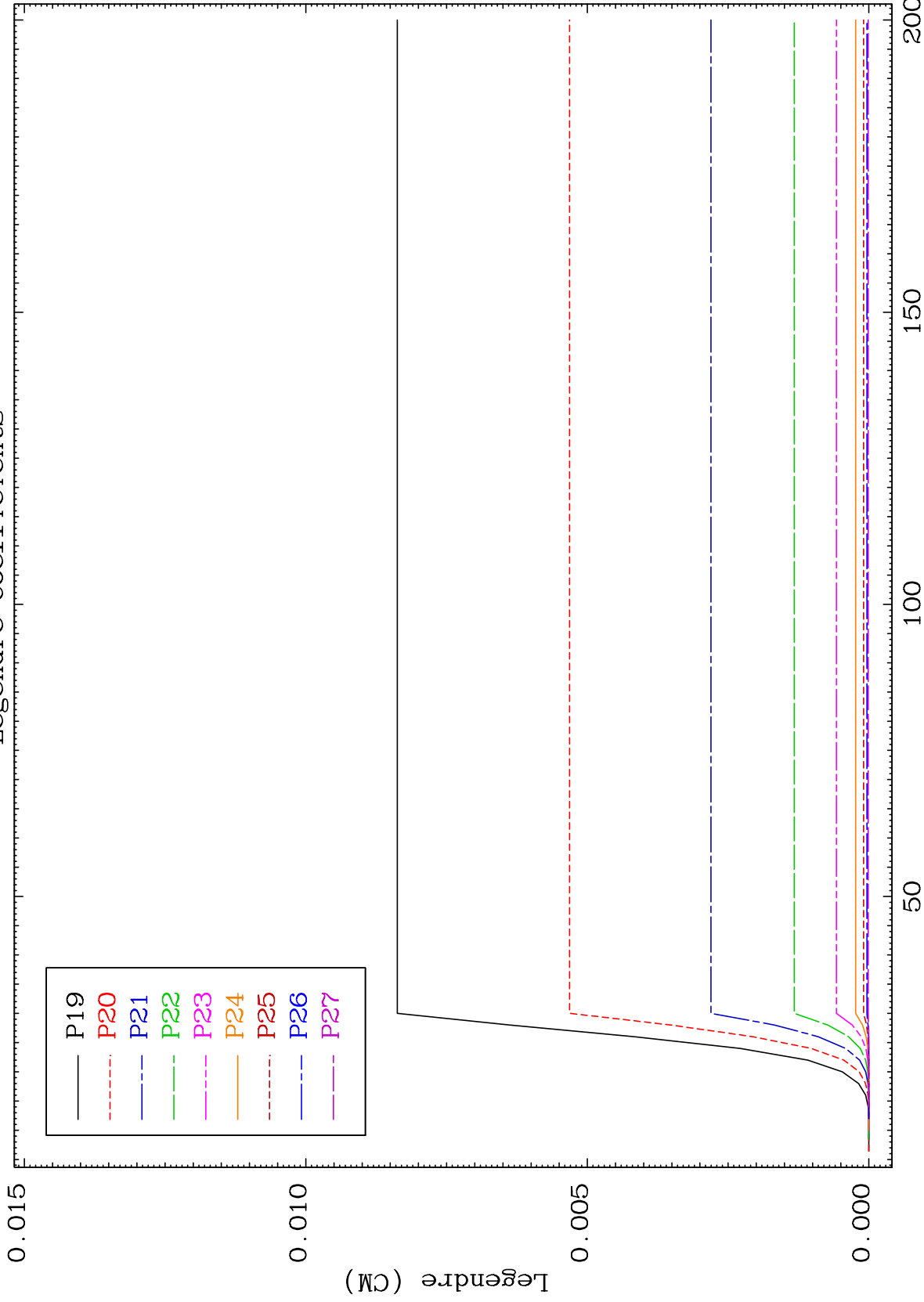
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



53

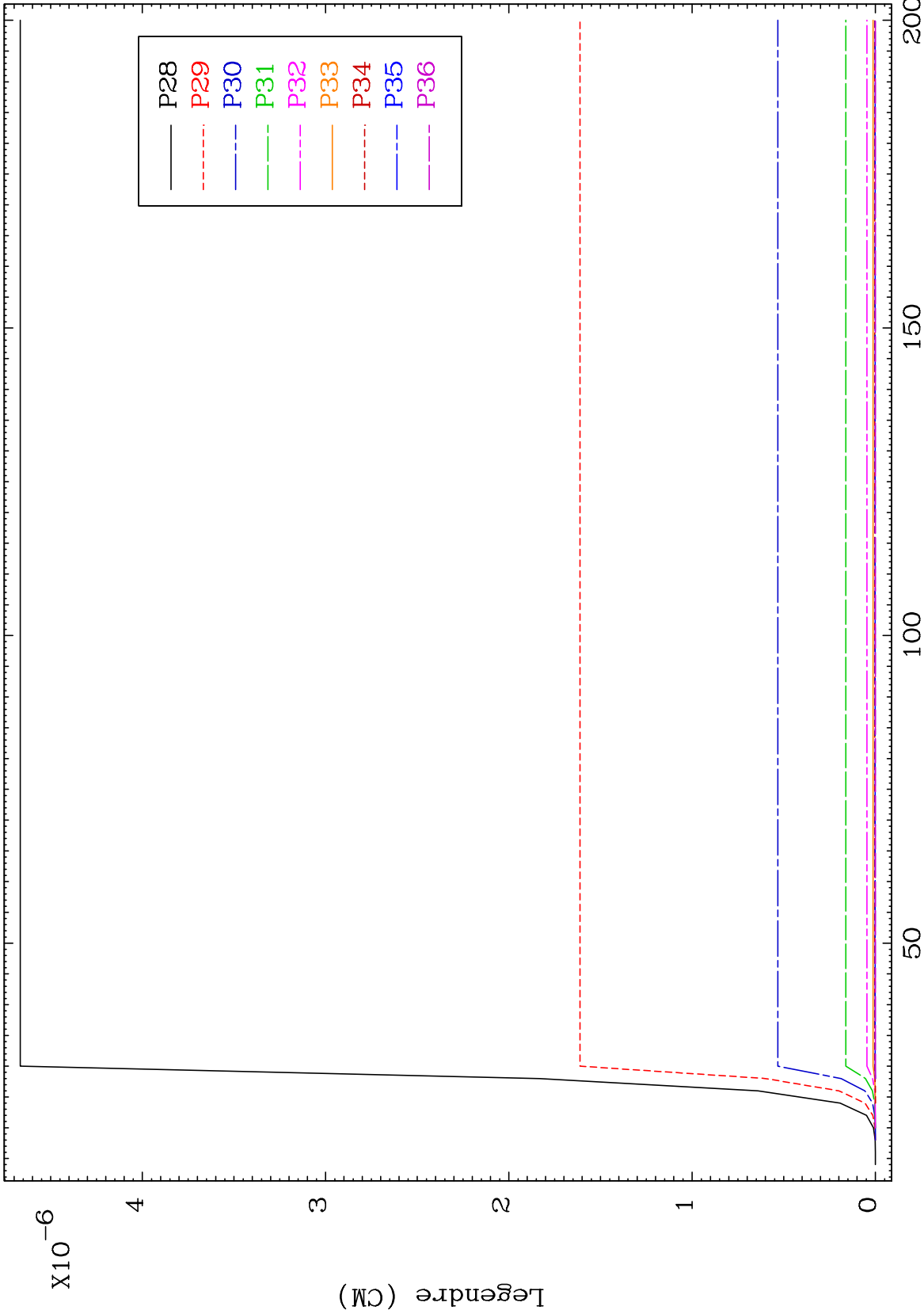
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



54

Incident Energy (MeV)

55-Cs-129

200

150

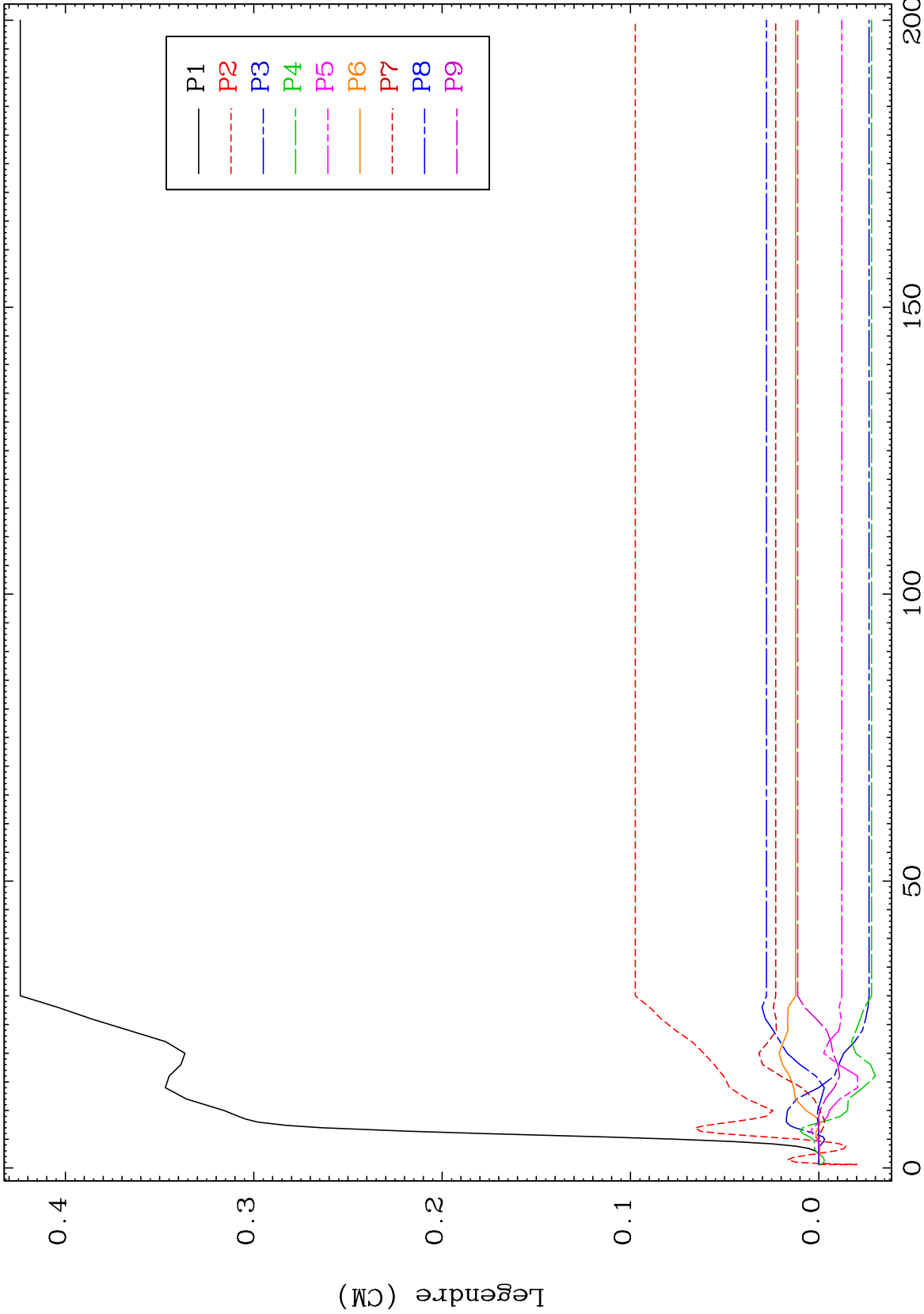
100

50

MAT 5513

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

55-Cs-129

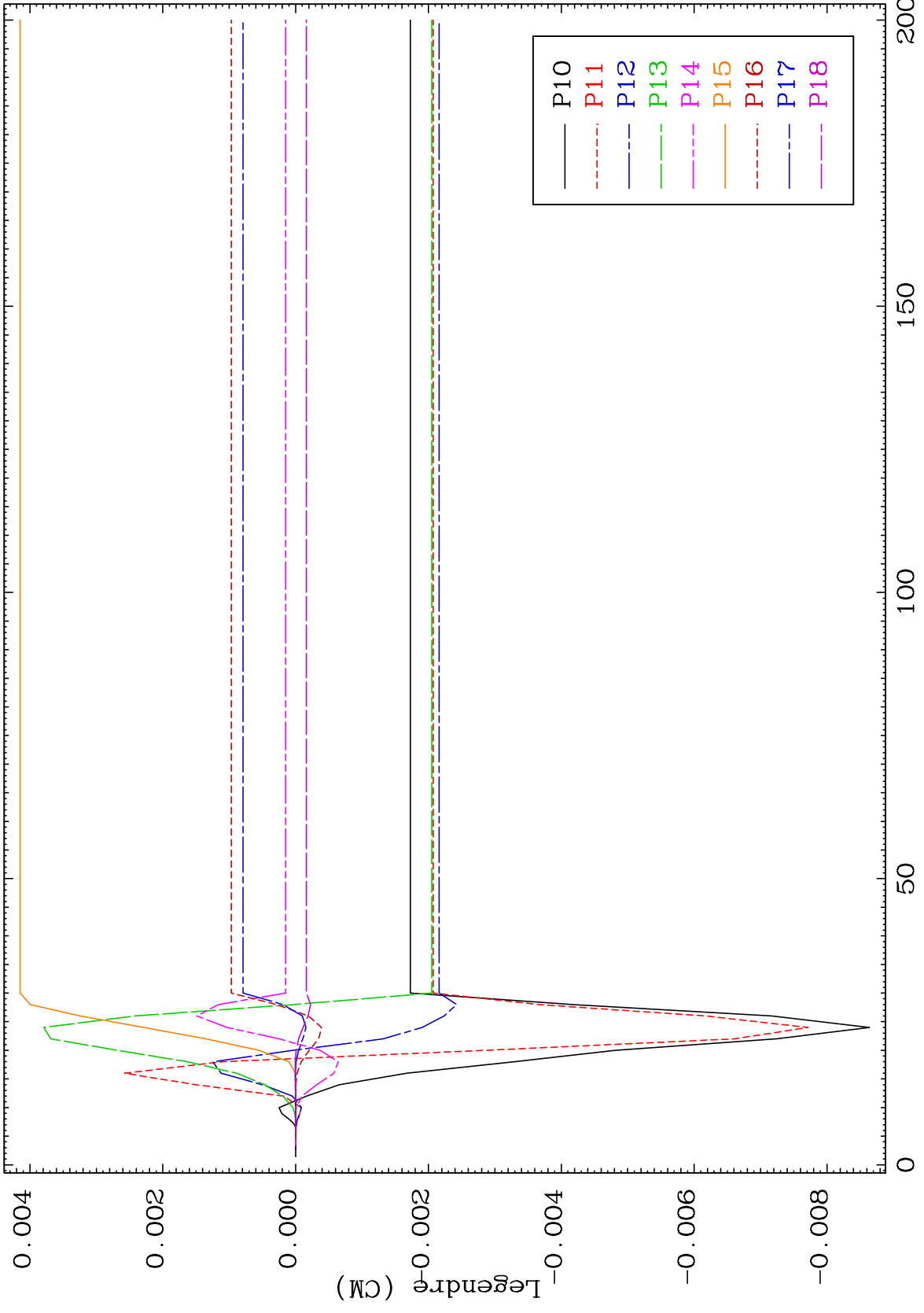


55-Cs-129

Incident Energy (MeV)

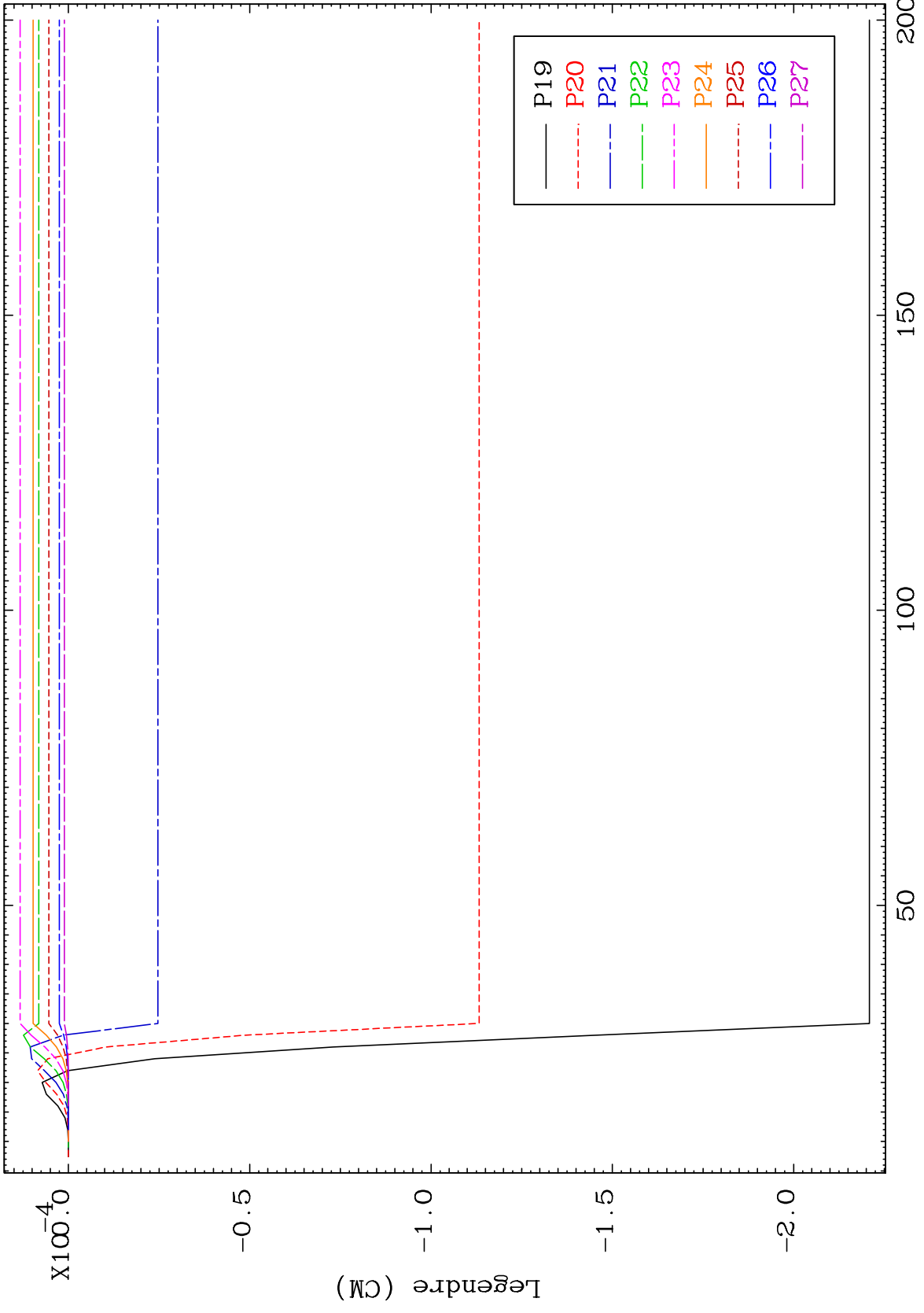
55

MAT 5513 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-129



56 55-Cs-129

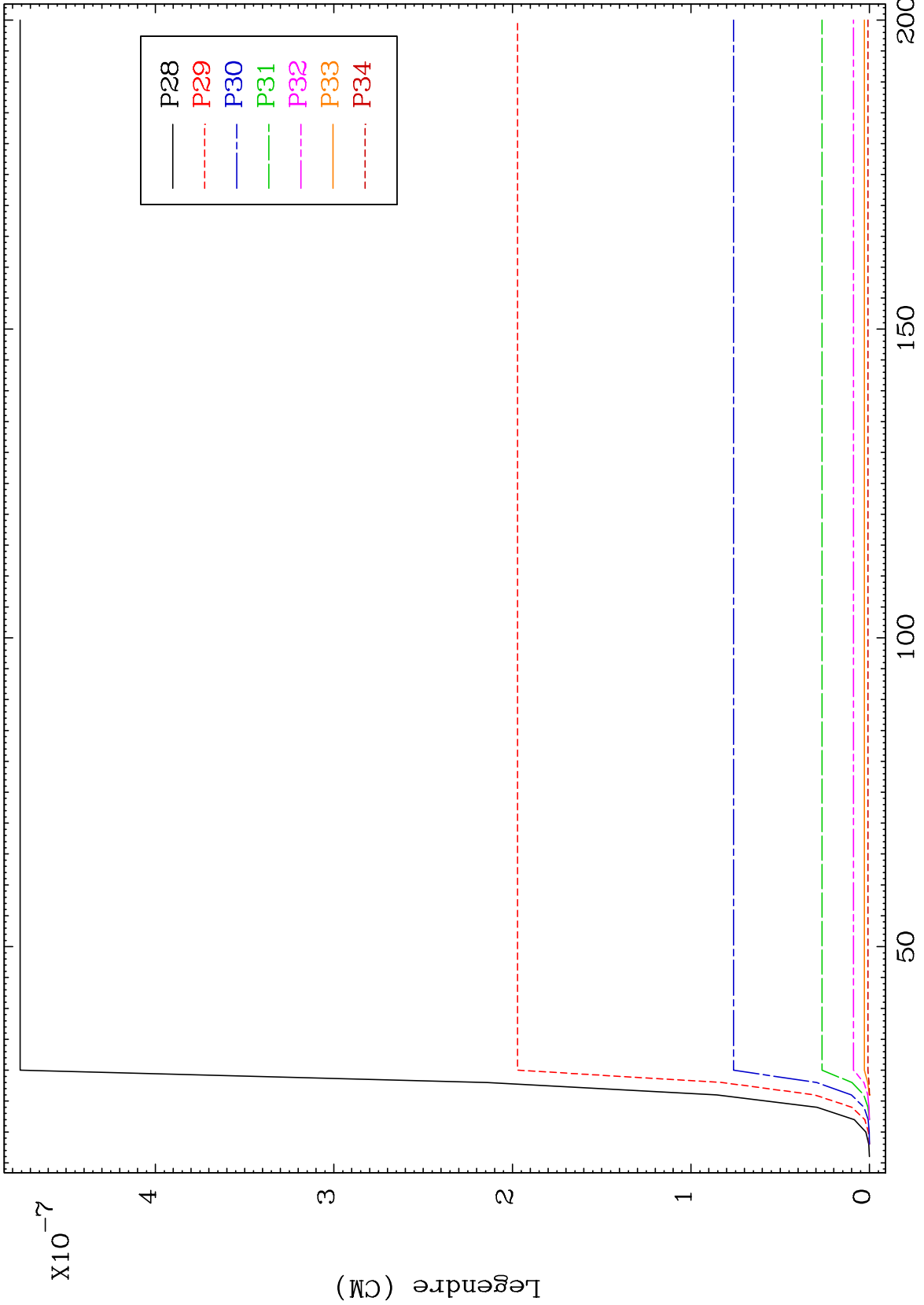
MAT 5513 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-129



MAT 5513

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

55-Cs-129



58

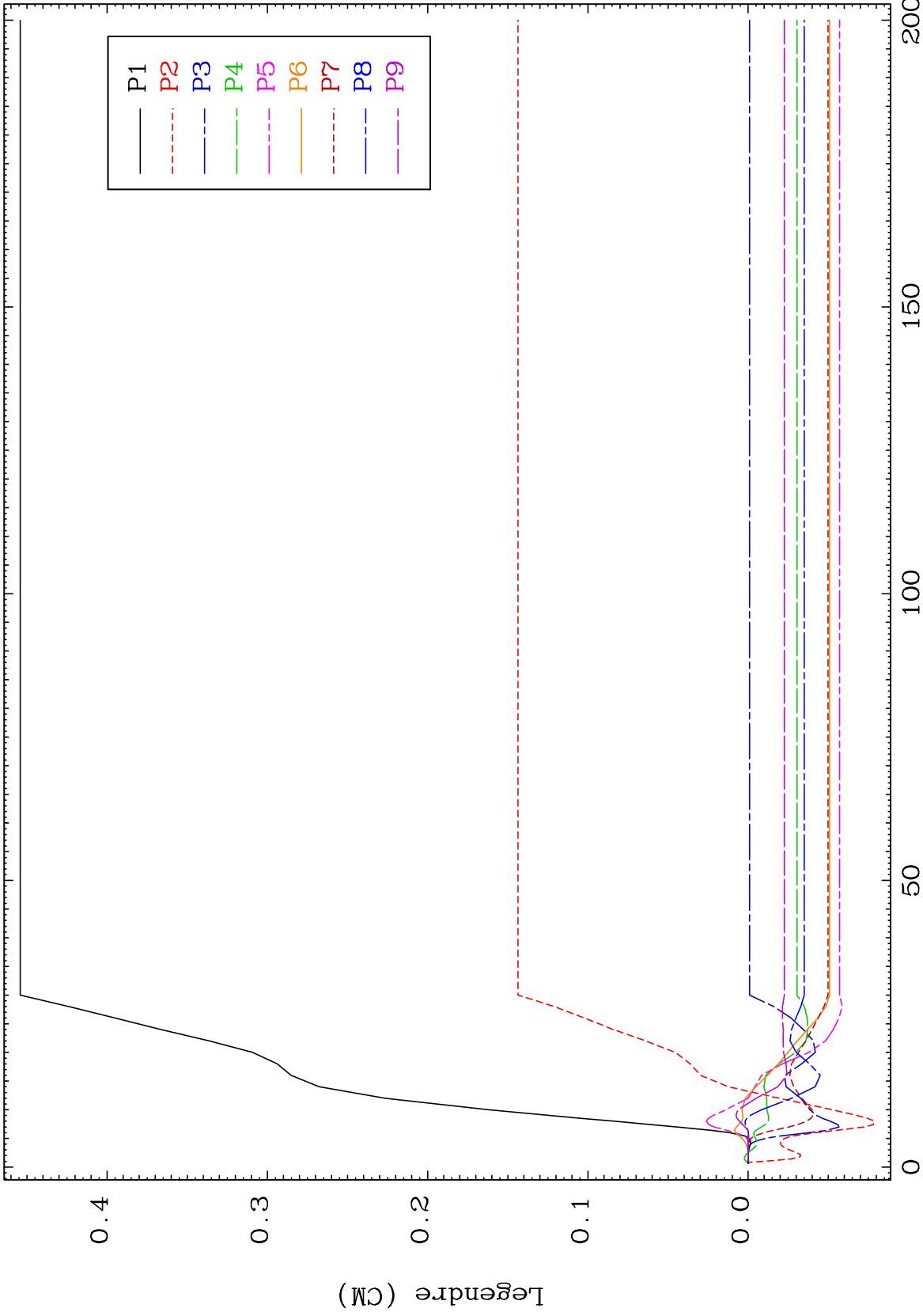
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129

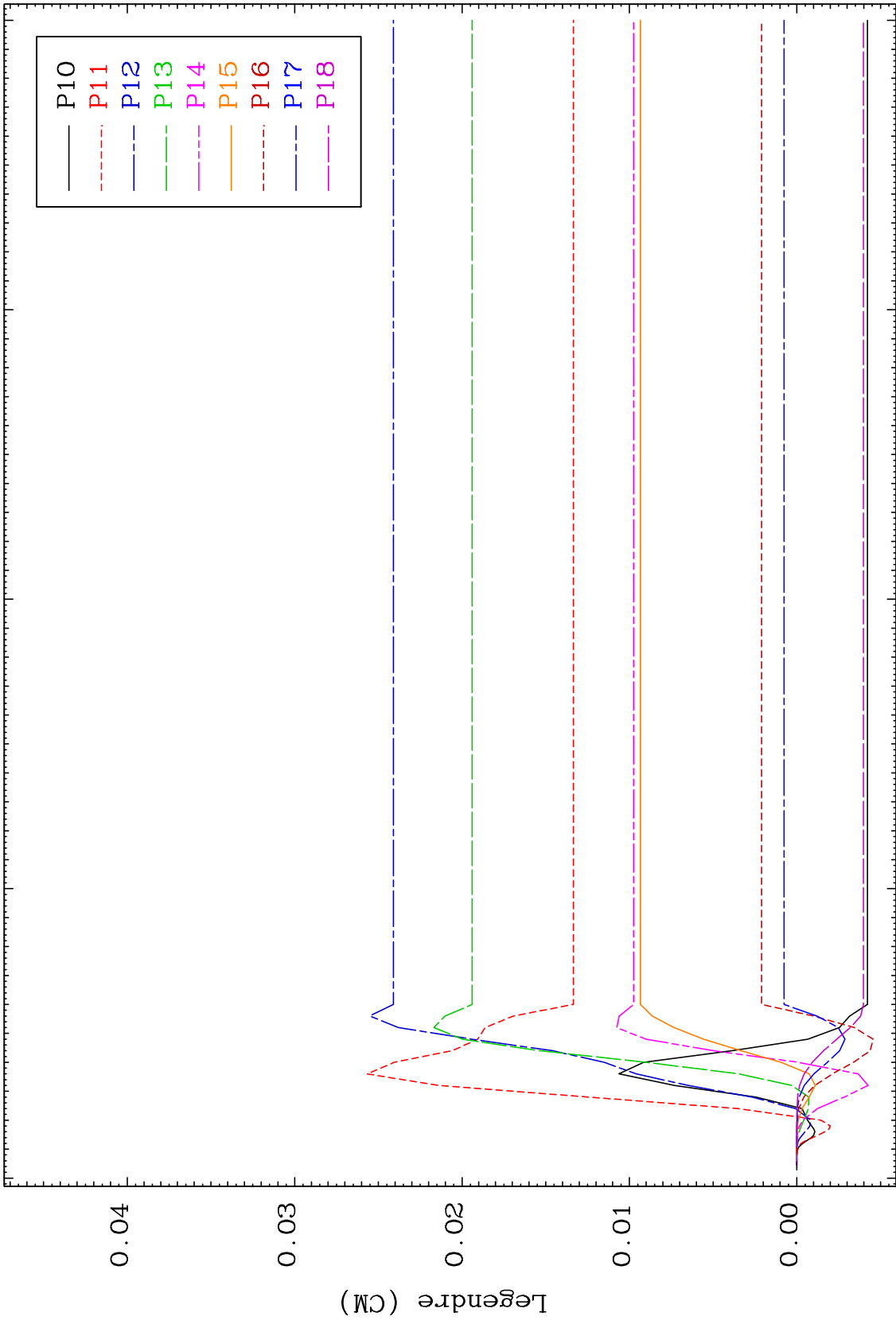


59

Incident Energy (MeV)

55-Cs-129

MAT 5513 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-129

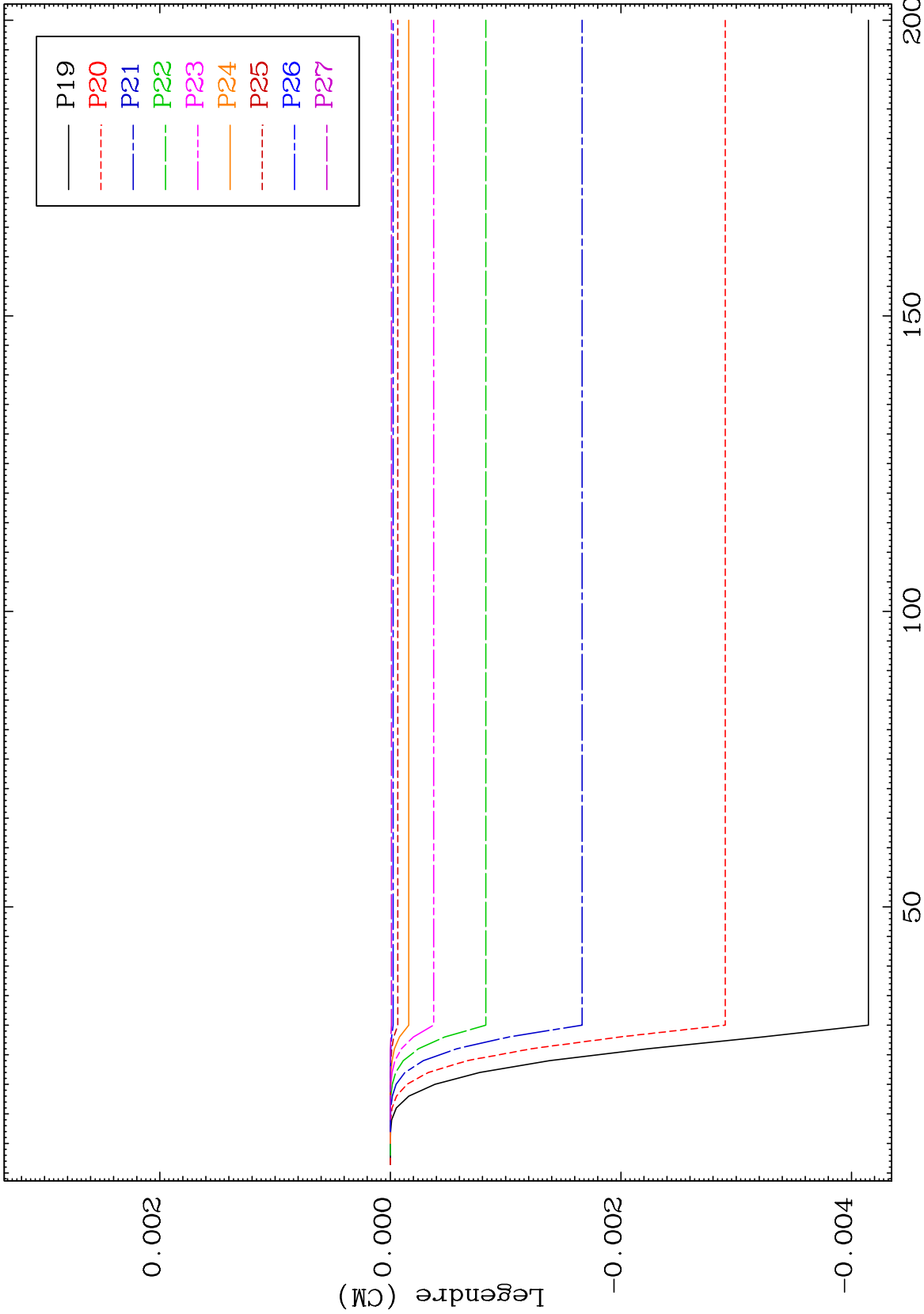


55-Cs-129 Incident Energy (MeV)

MAT 5513

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

55-Cs-129

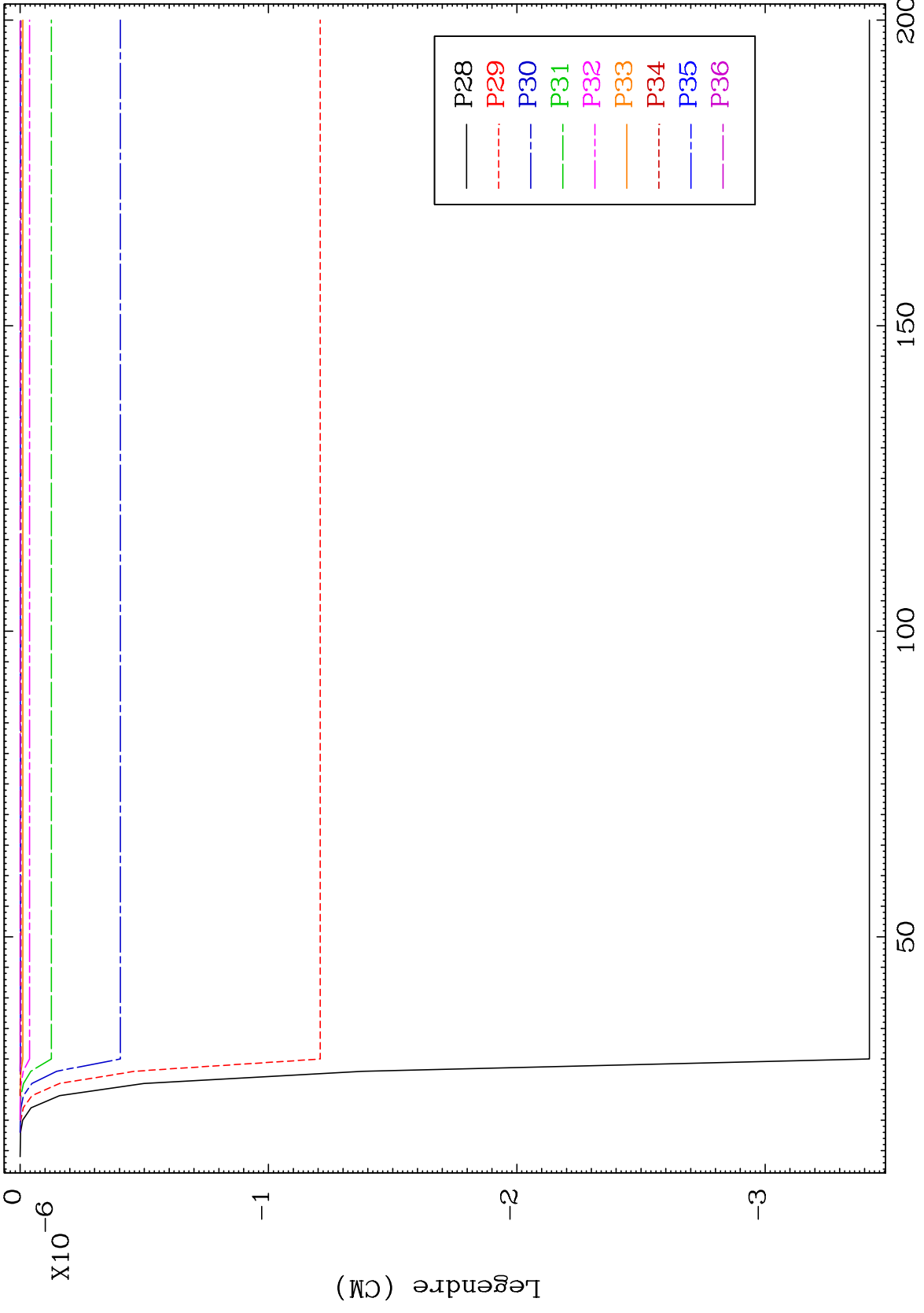


61

Incident Energy (MeV)

55-Cs-129

MAT 5513 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-129

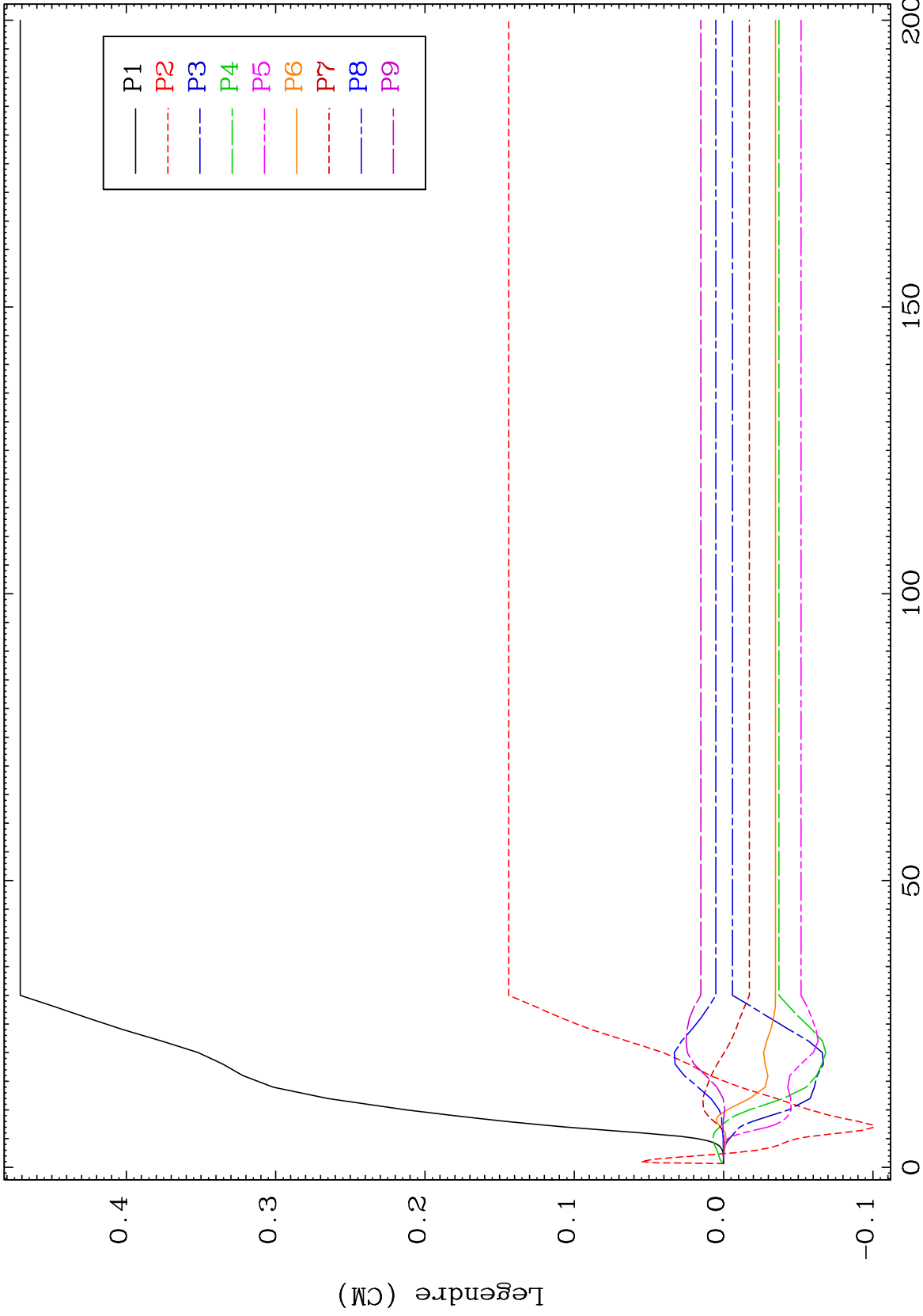


62 Incident Energy (MeV) 55-Cs-129

MAT 5513

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

55-Cs-129



63

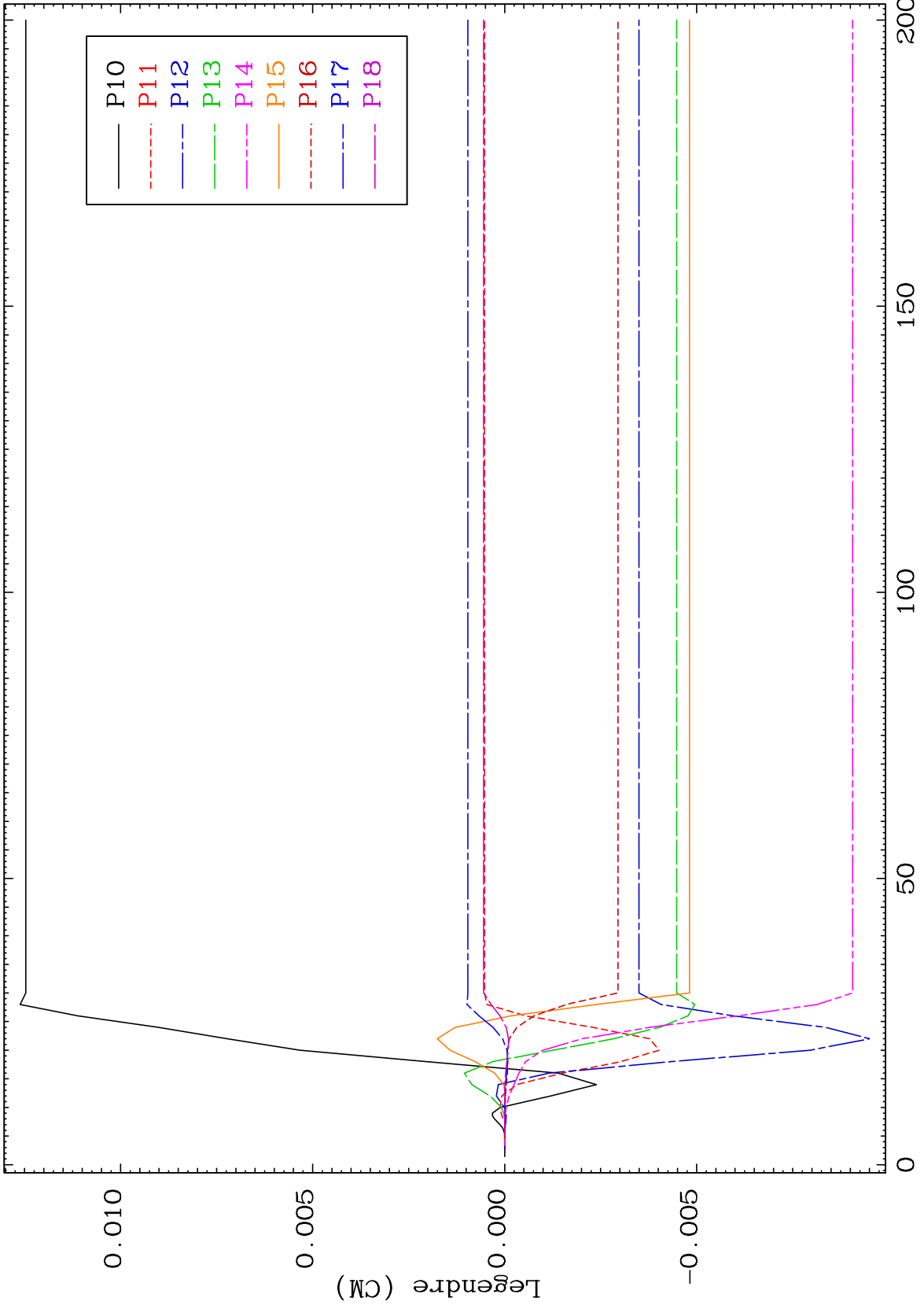
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



64

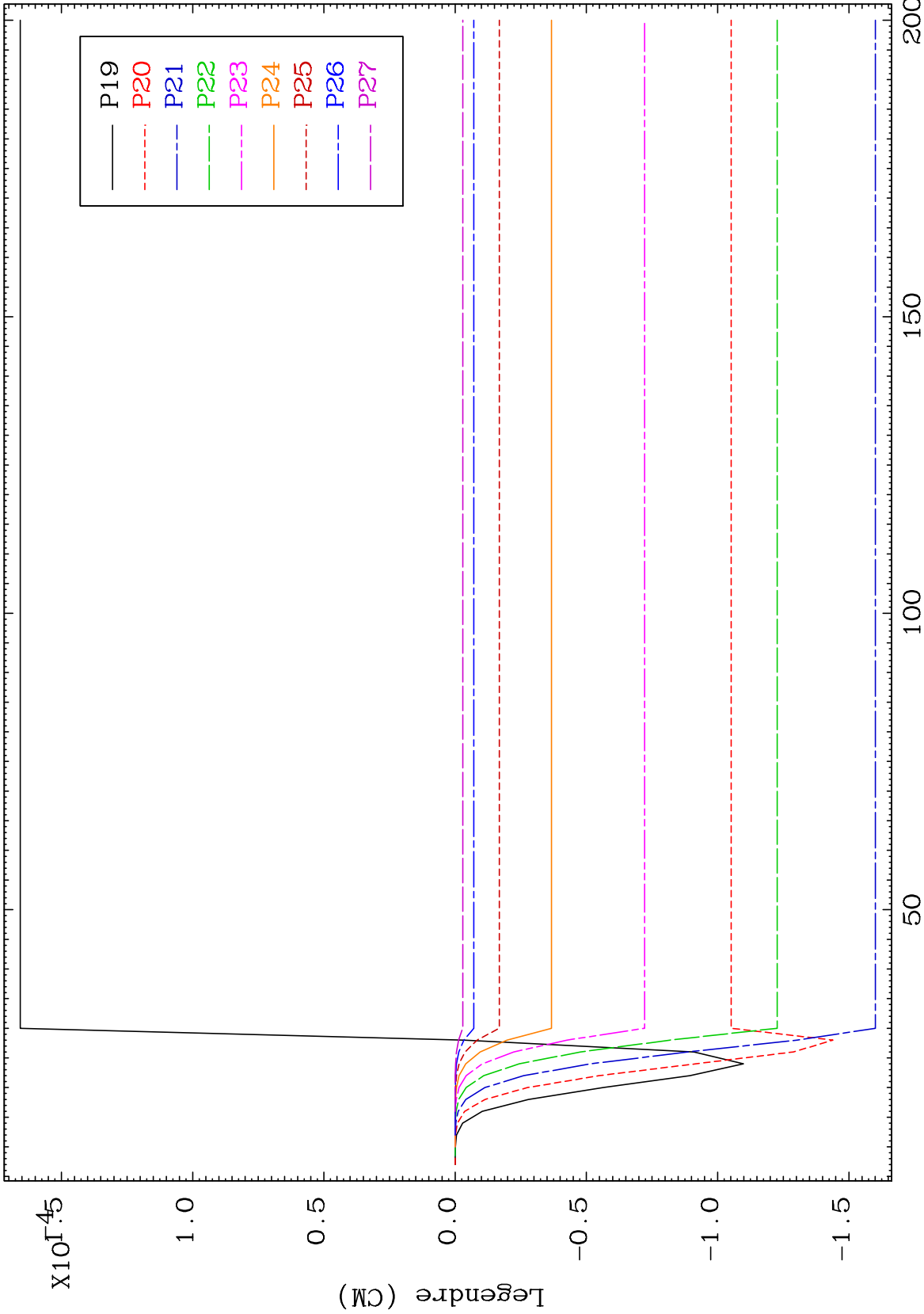
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

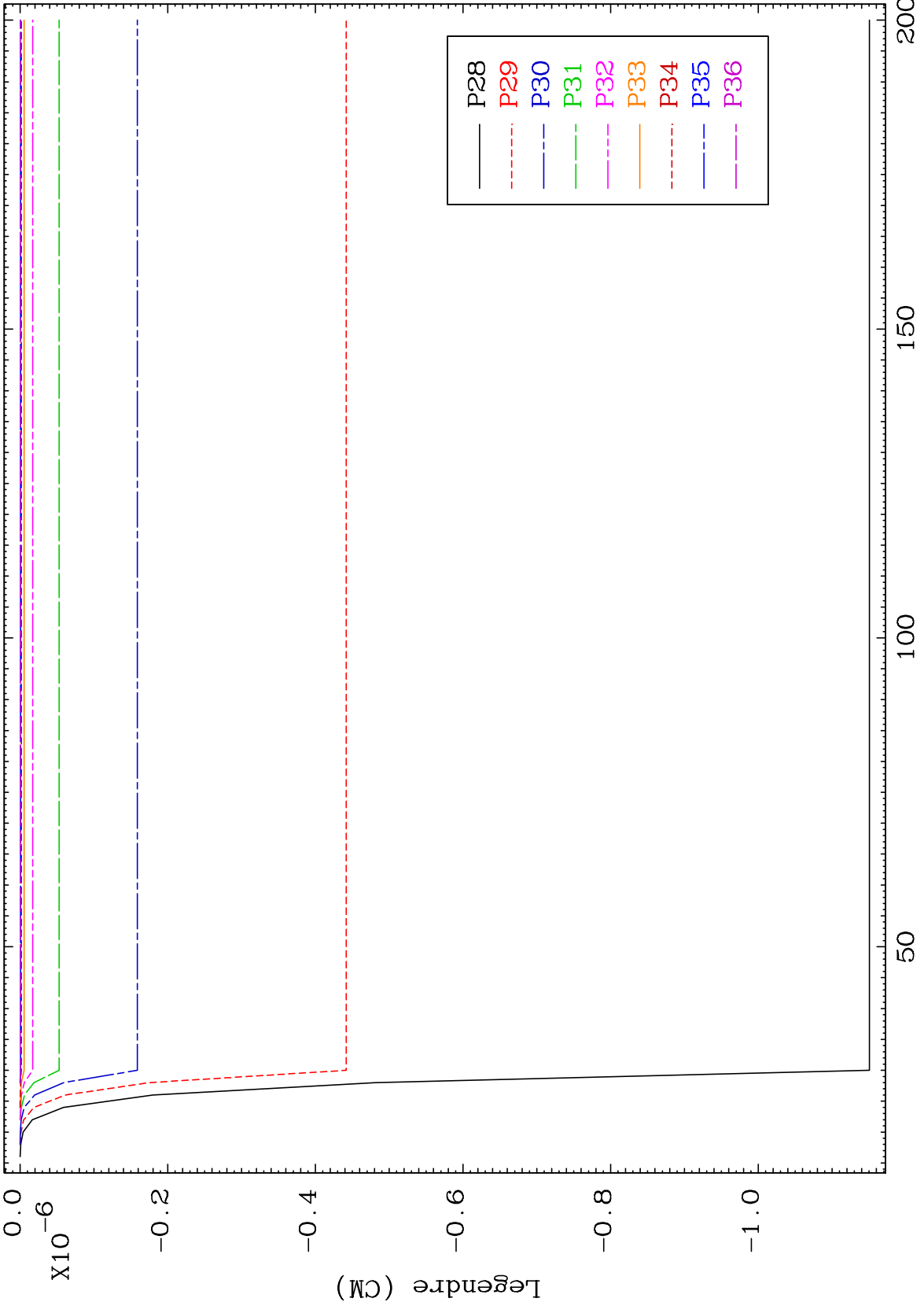
55-Cs-129



65

55-Cs-129

MAT 5513 MT= 62 (n,n') Level Legendre Coefficients 55-Cs-129

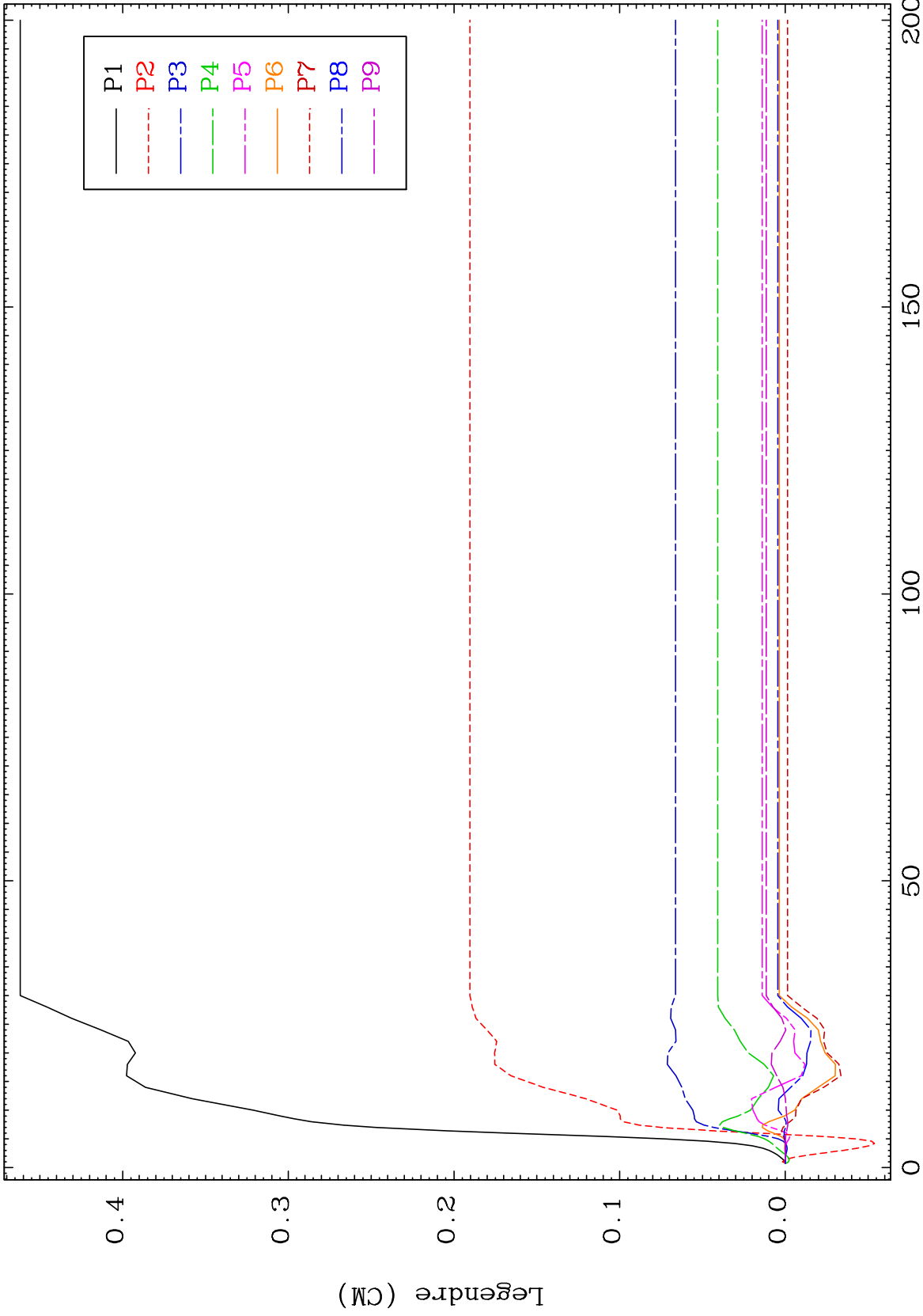


66 Incident Energy (MeV) 55-Cs-129

MAT 5513

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

55-Cs-129



67

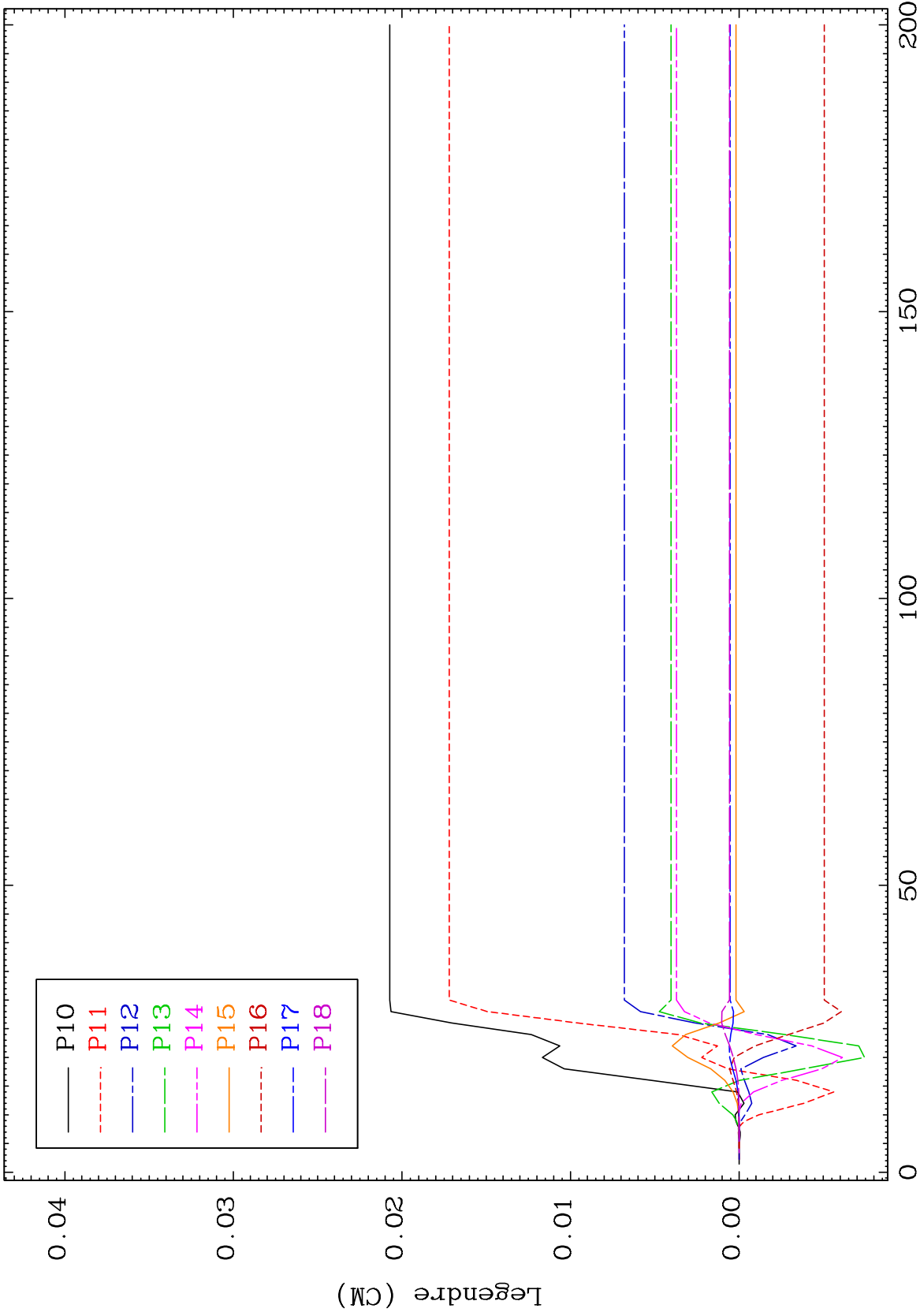
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



68

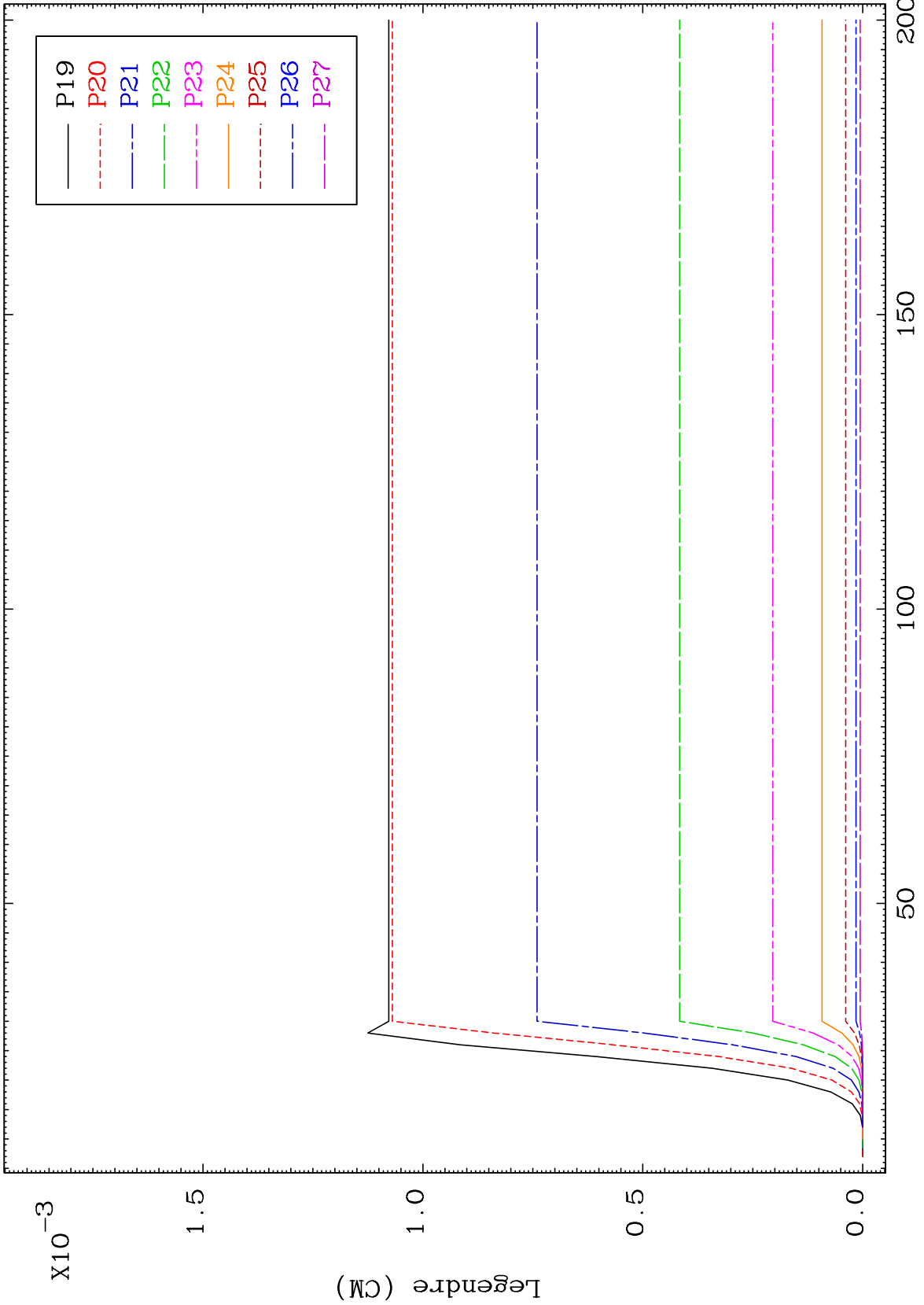
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



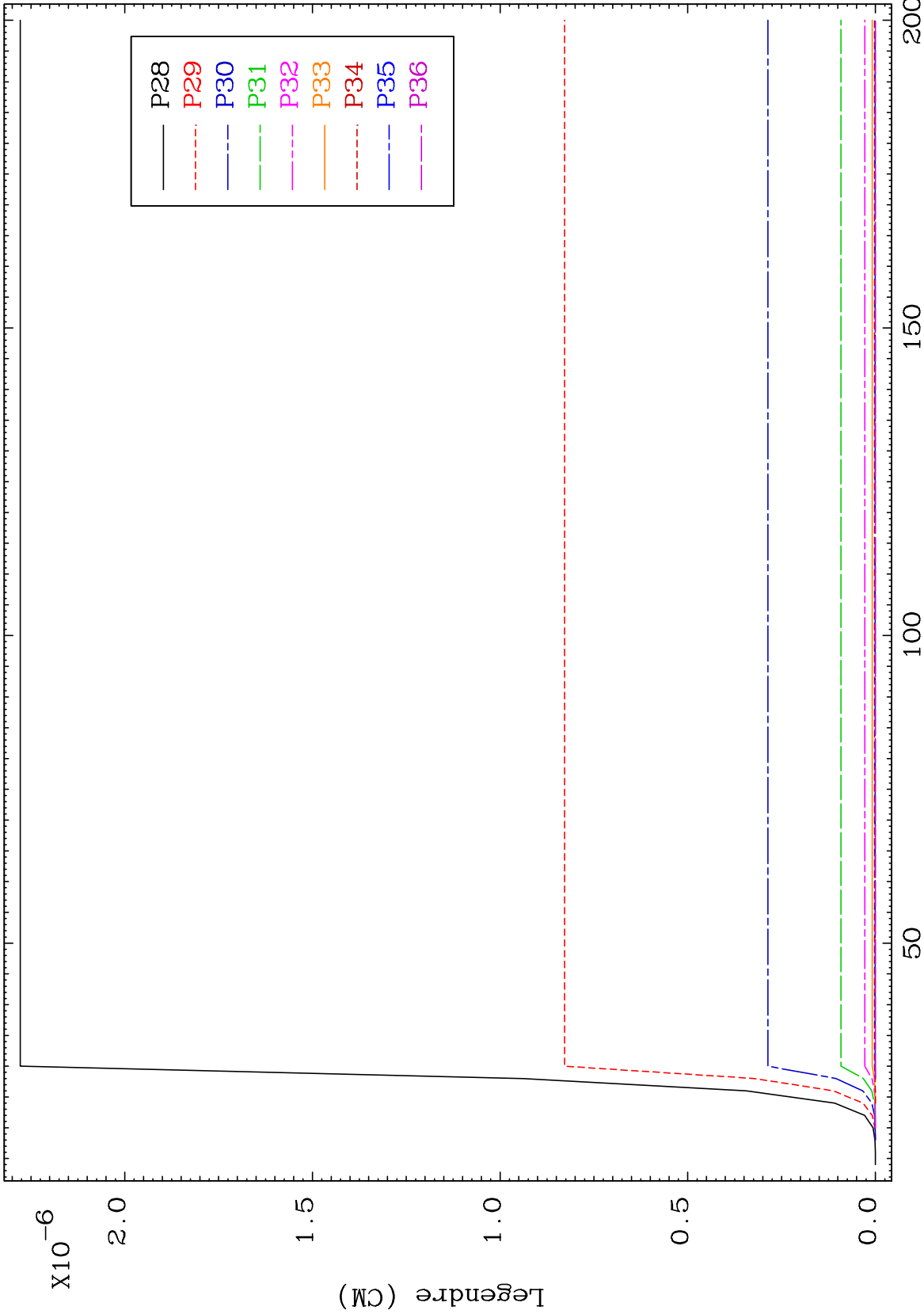
69

55-Cs-129

MAT 5513

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

55-Cs-129



70

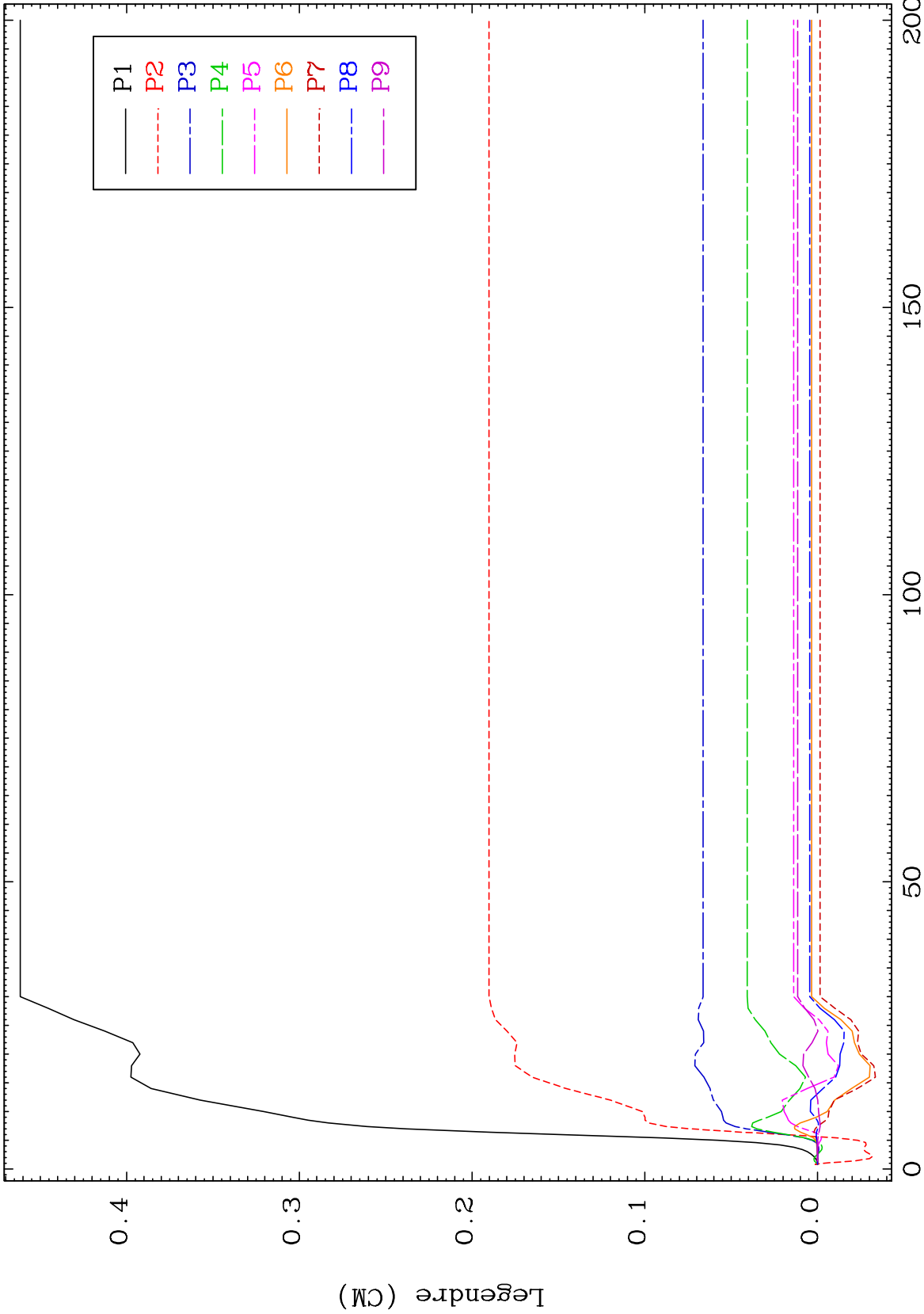
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



71

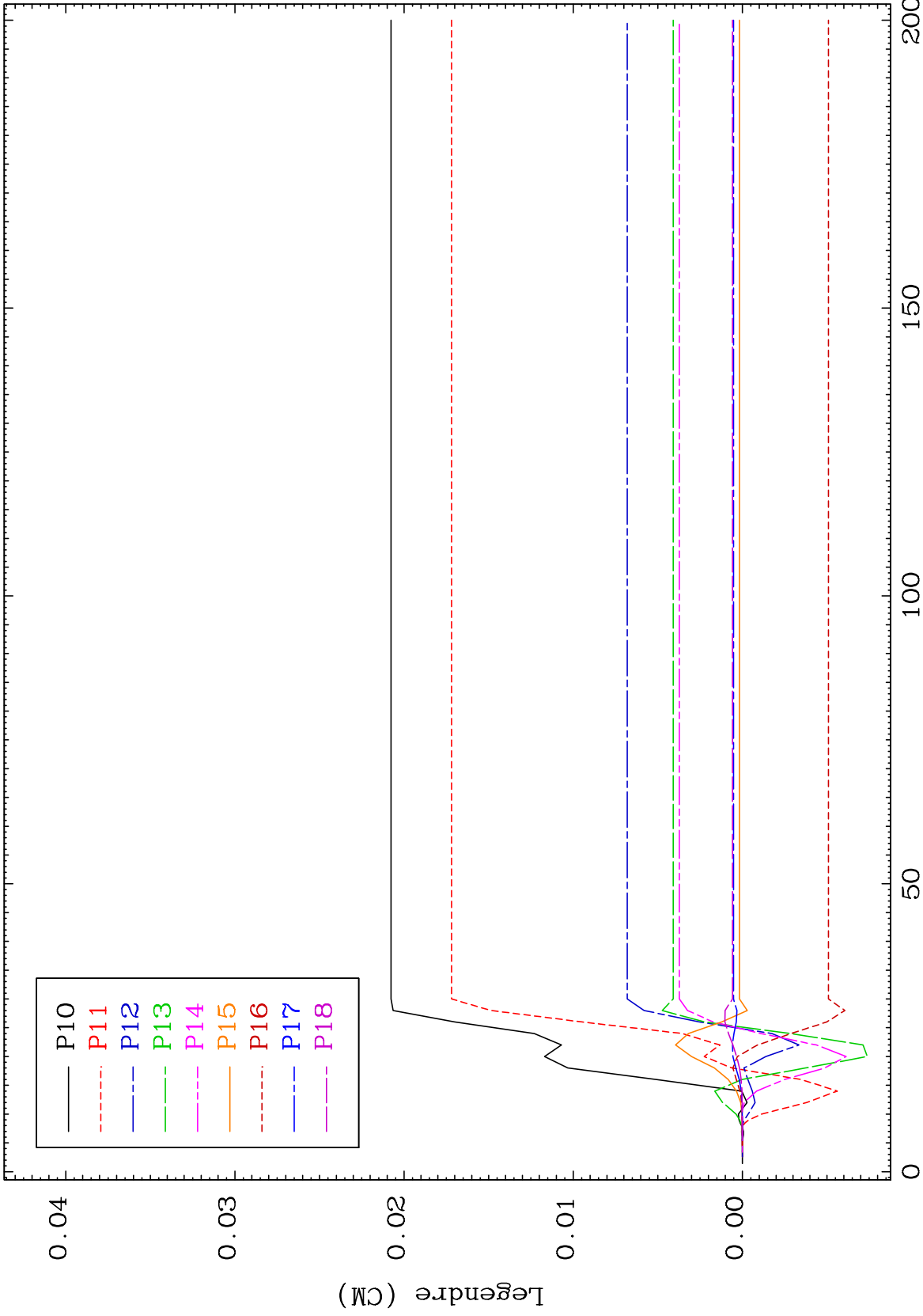
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



72

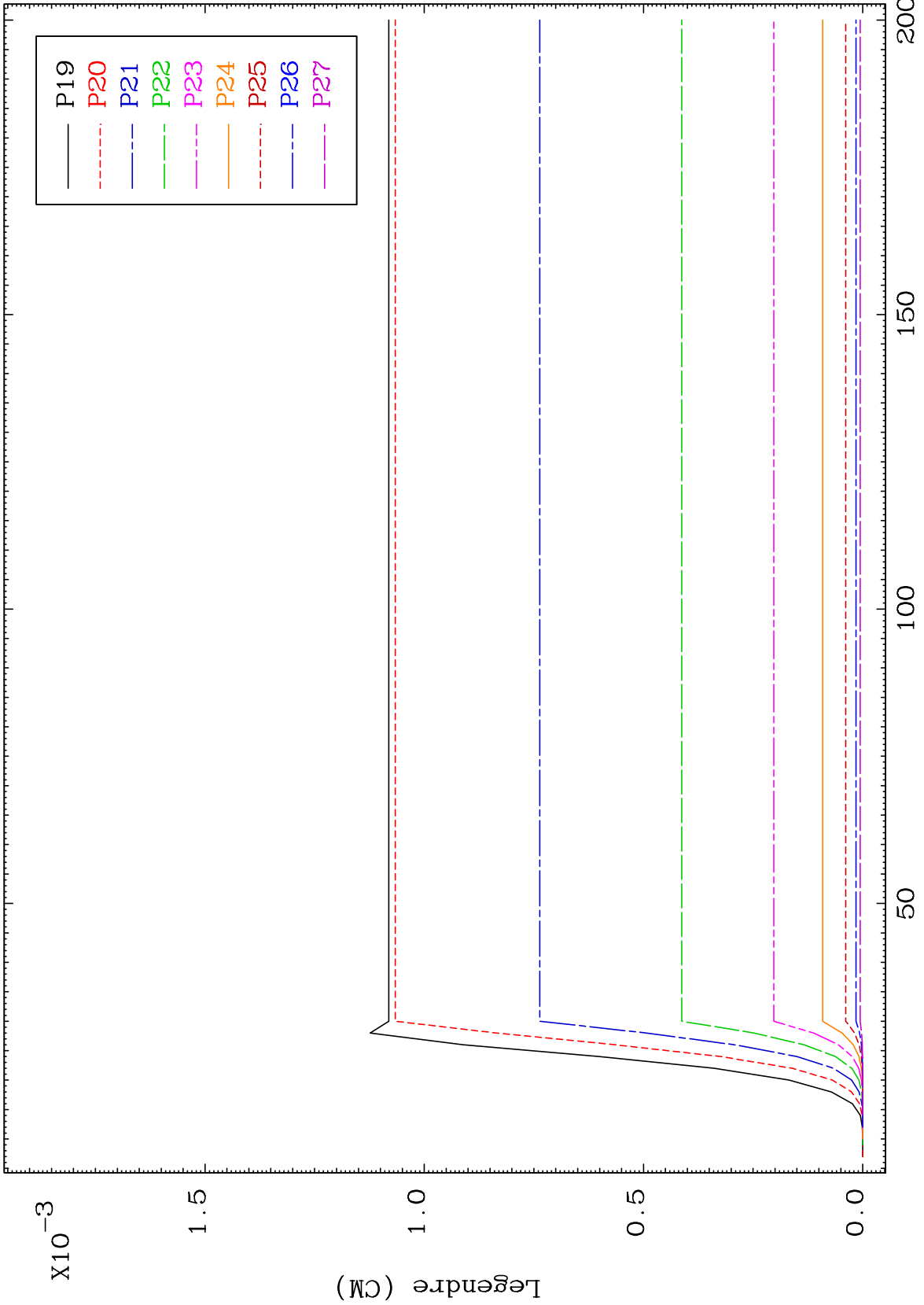
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



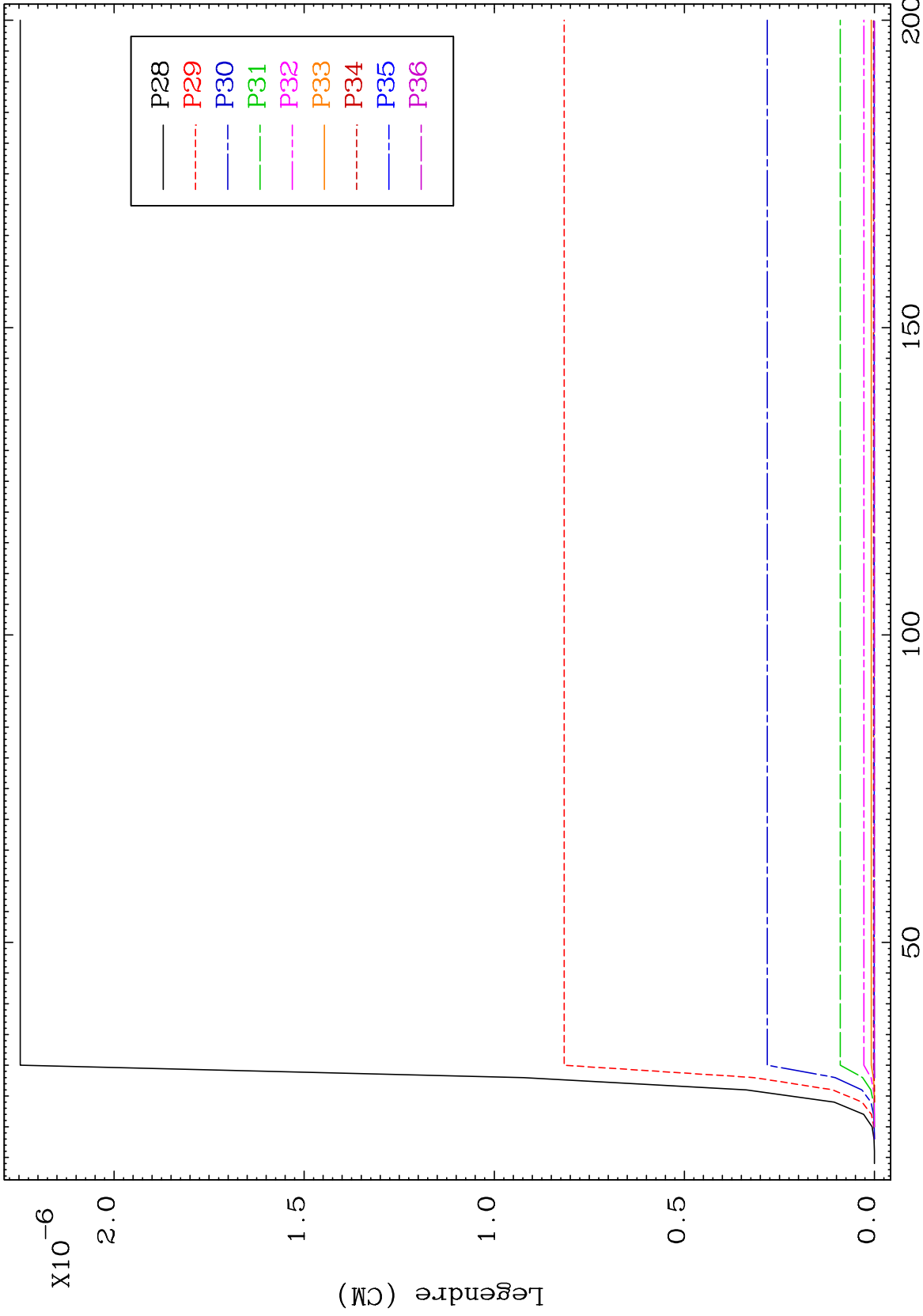
73

55-Cs-129

MAT 5513

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

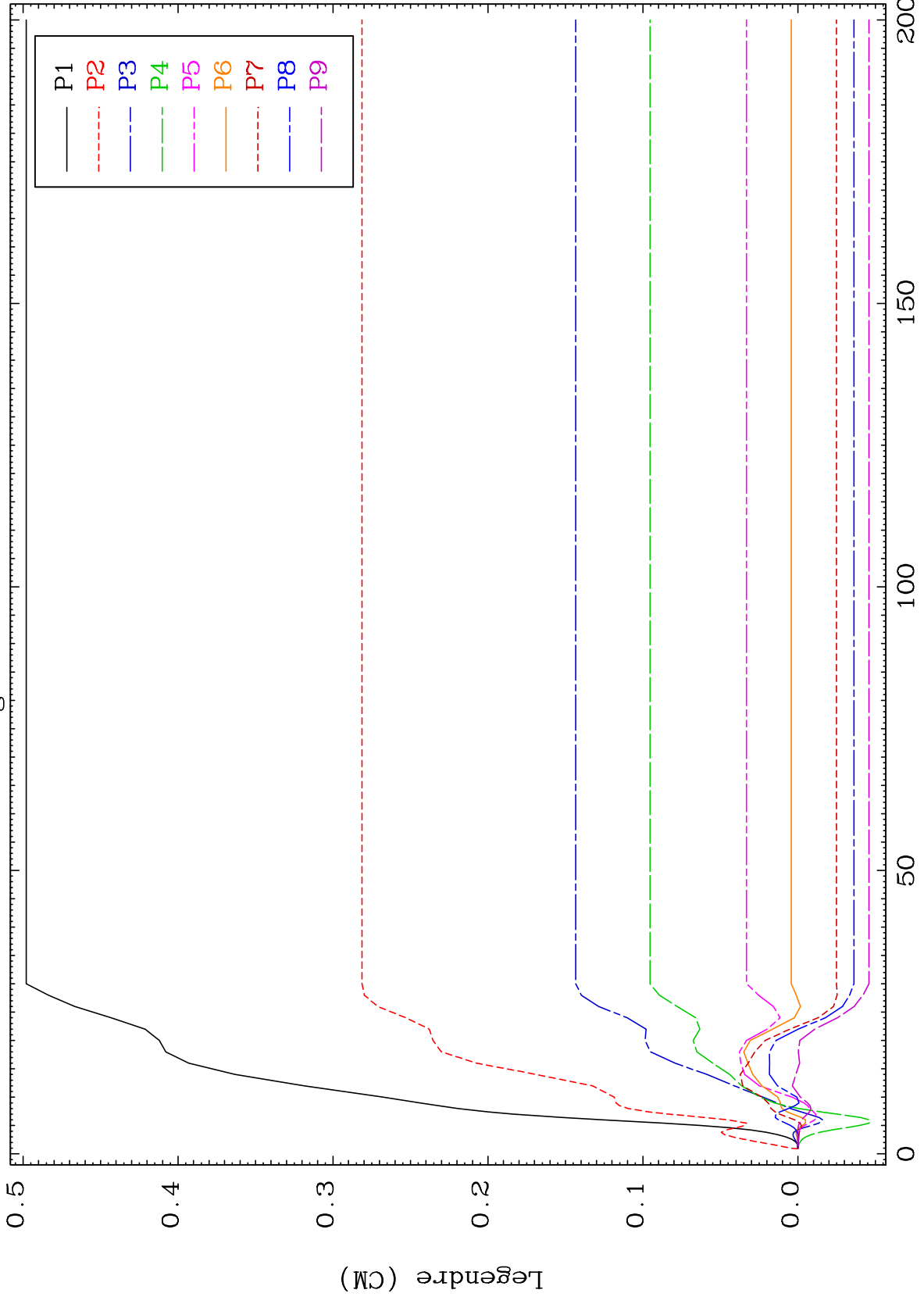
55-Cs-129



74

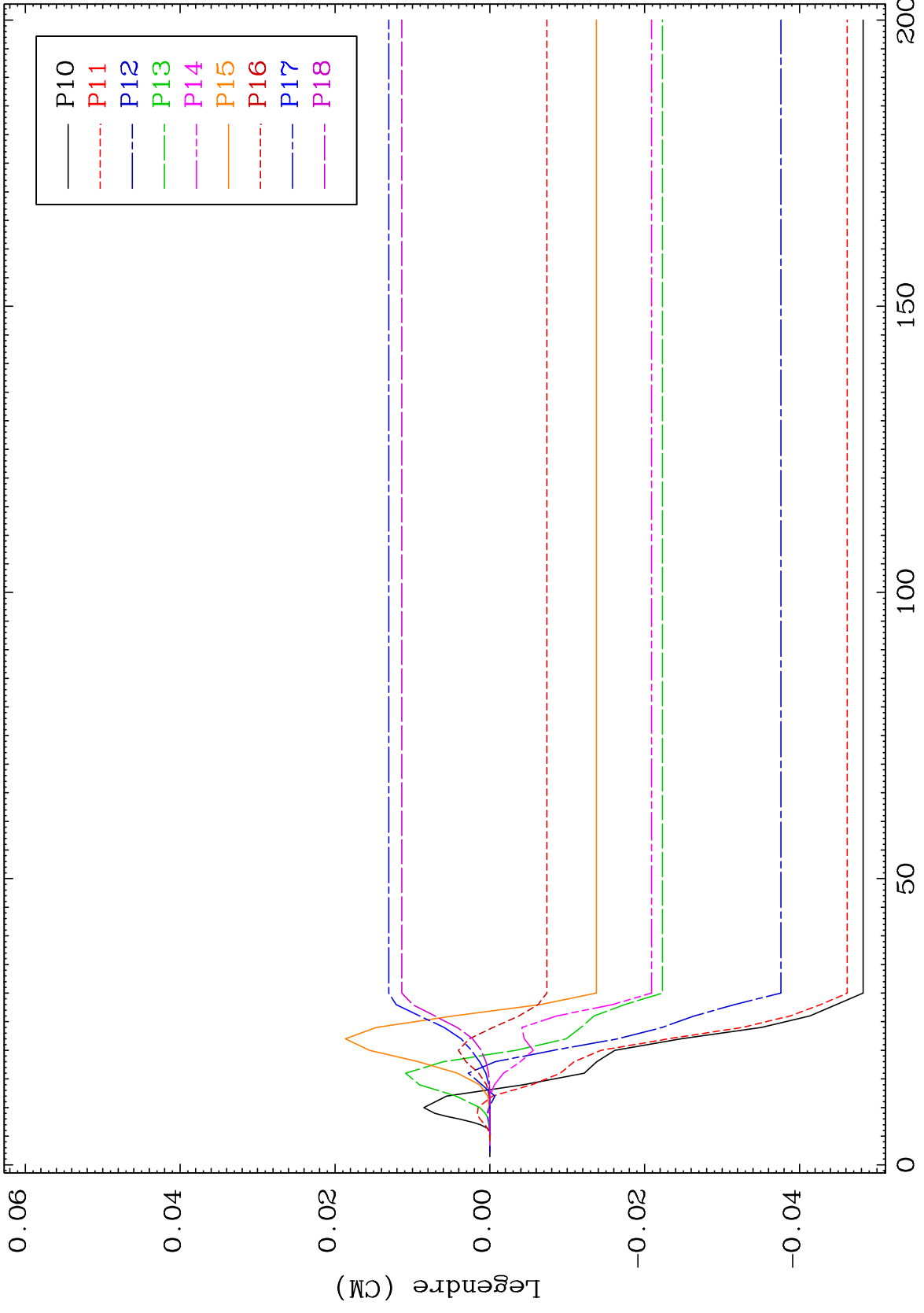
55-Cs-129

MAT 5513 MT= 65 (n,n') Level Legendre Coefficients 55-Cs-129



75 Incident Energy (MeV) 55-Cs-129

MAT 5513 MT= 65 (n,n') Level Legendre Coefficients 55-Cs-129

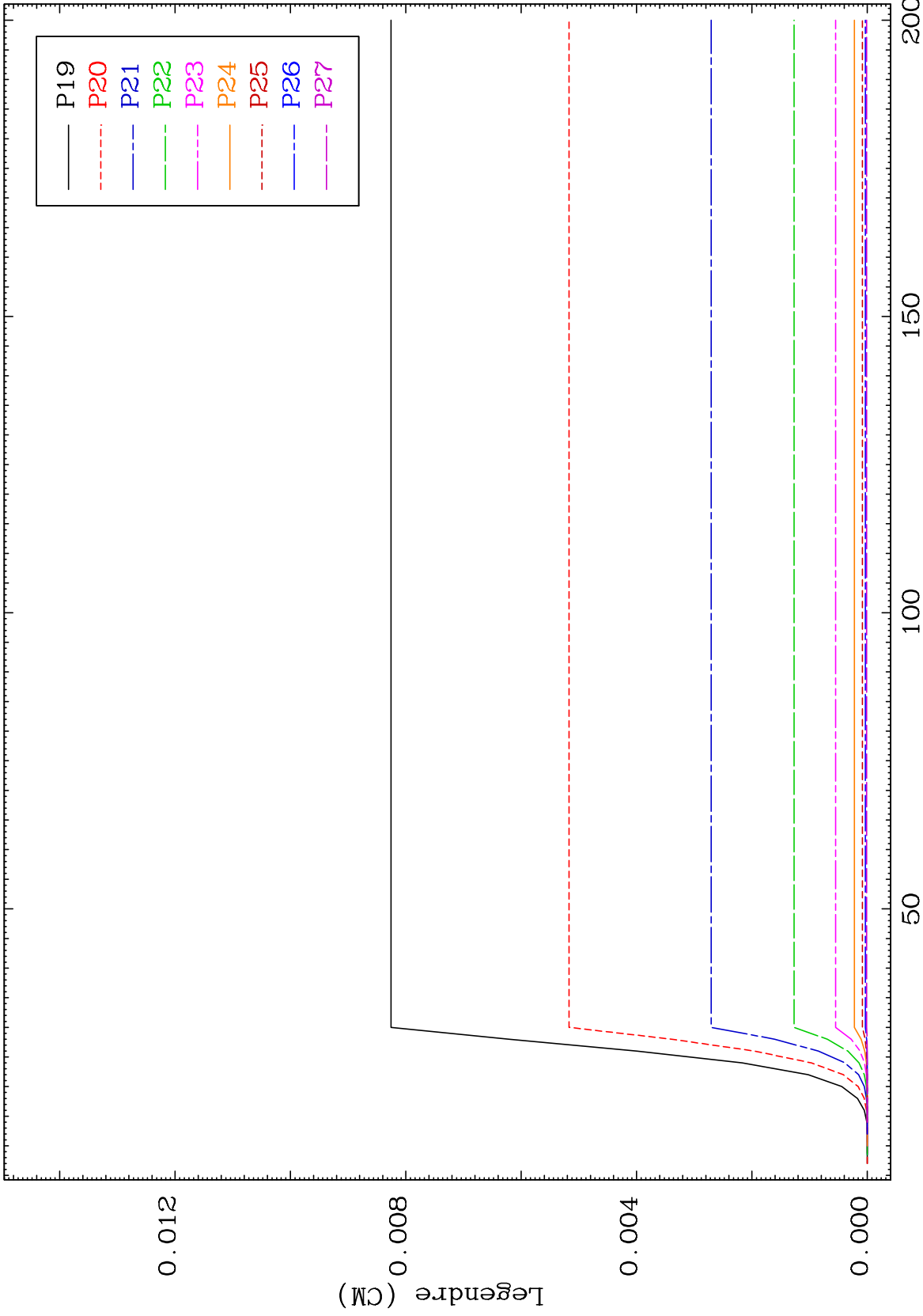


76 Incident Energy (MeV) 55-Cs-129

MAT 5513

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

55-Cs-129



77

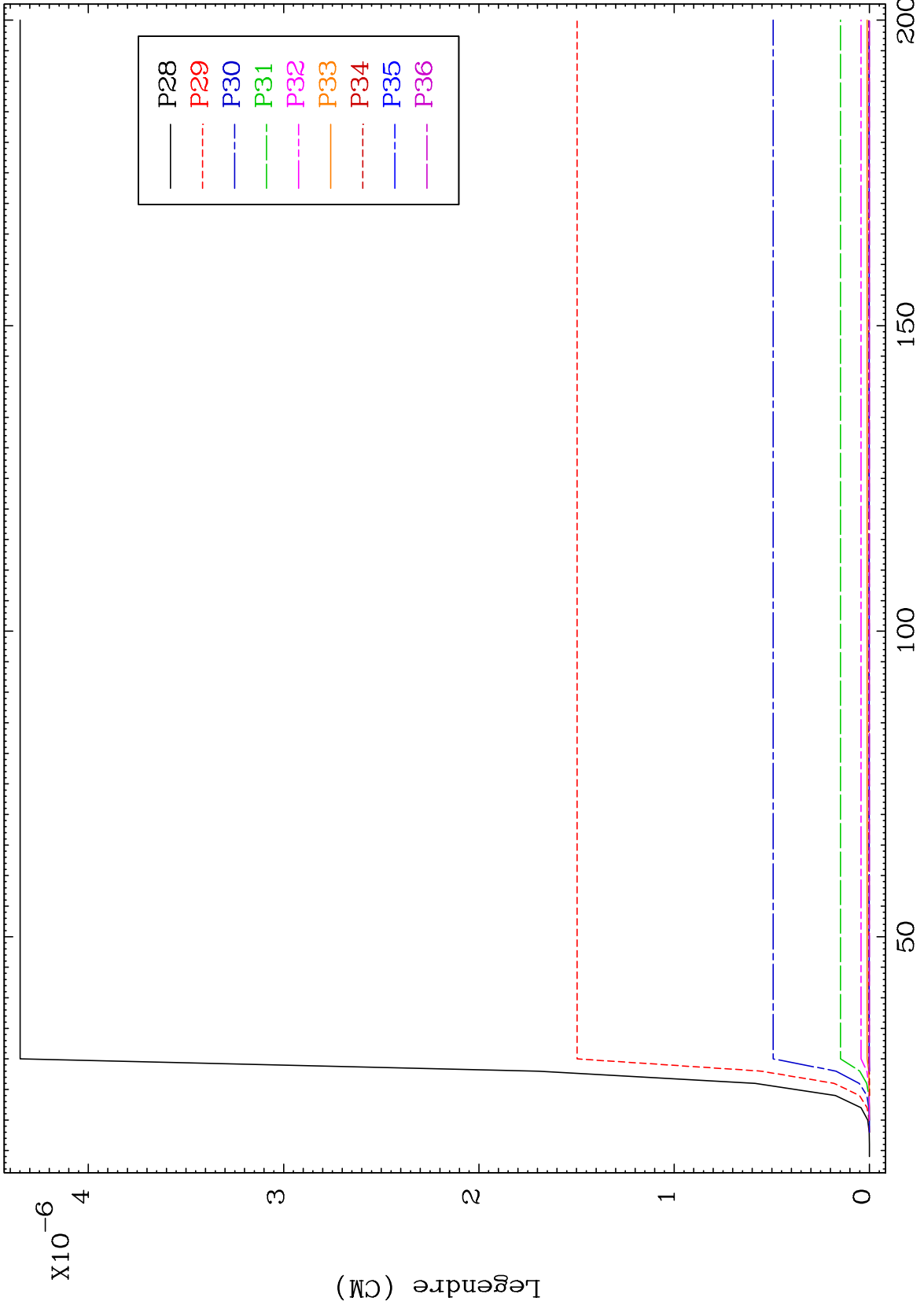
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



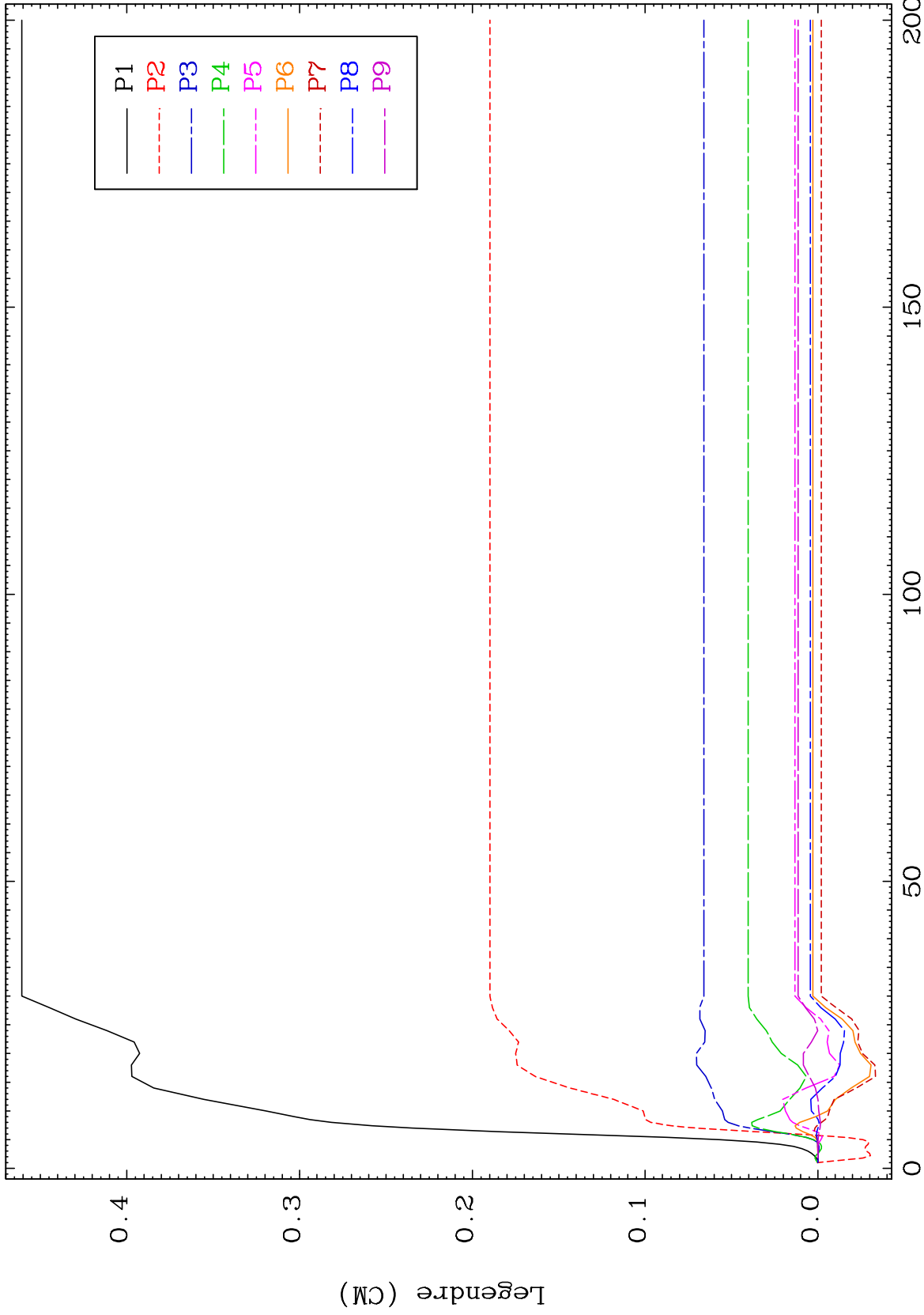
78

55-Cs-129

MAT 5513

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

55-Cs-129



79

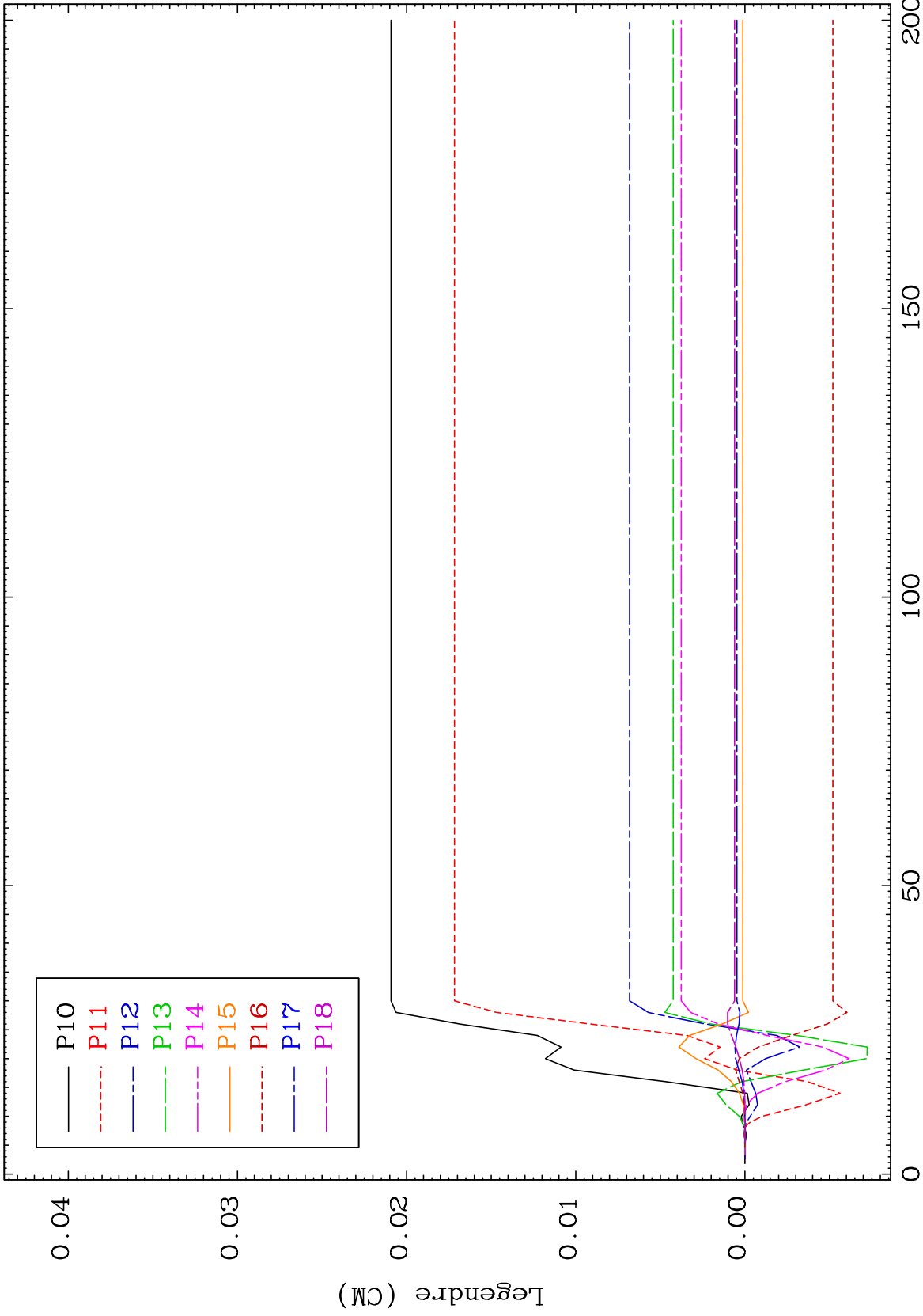
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



80

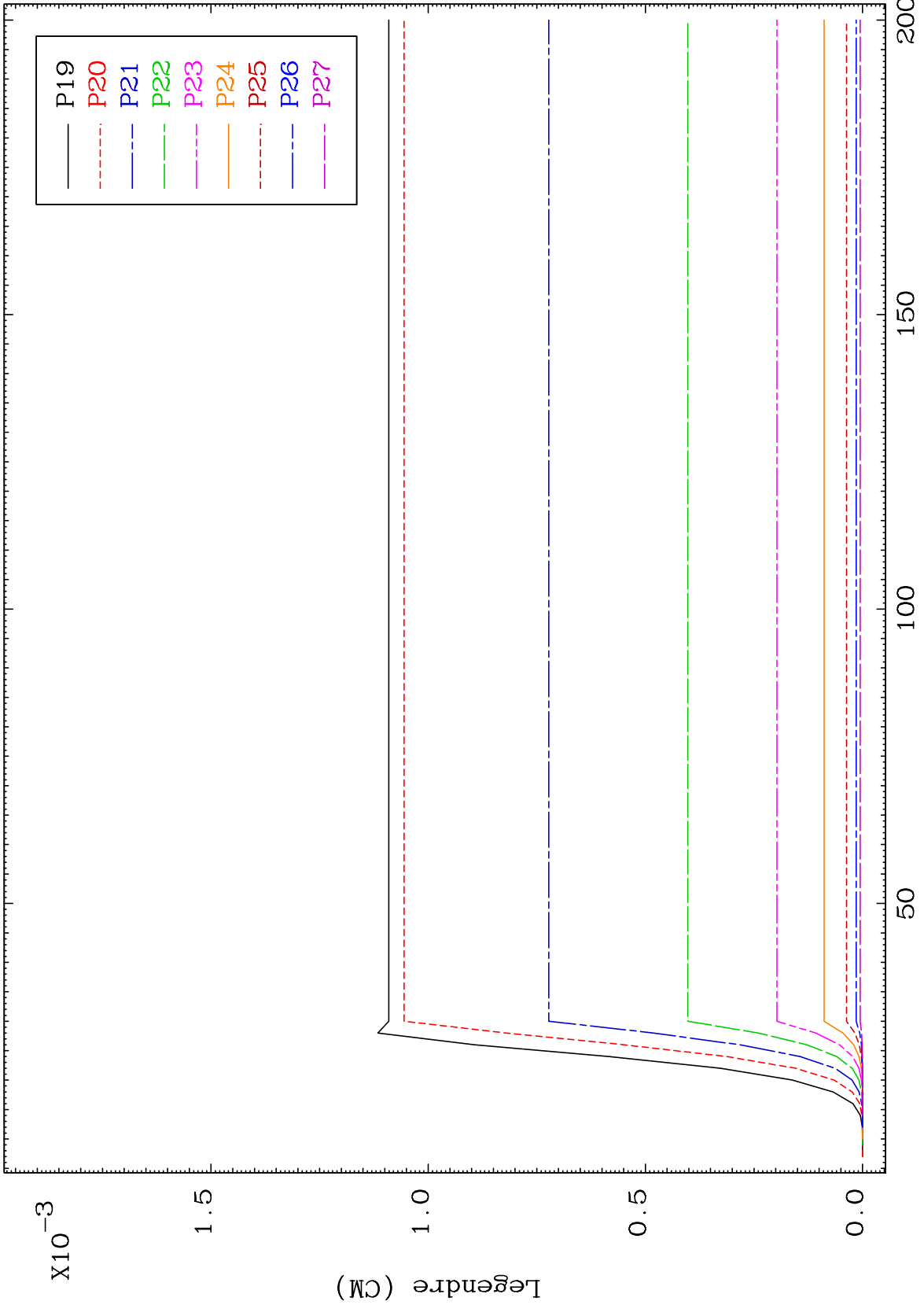
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



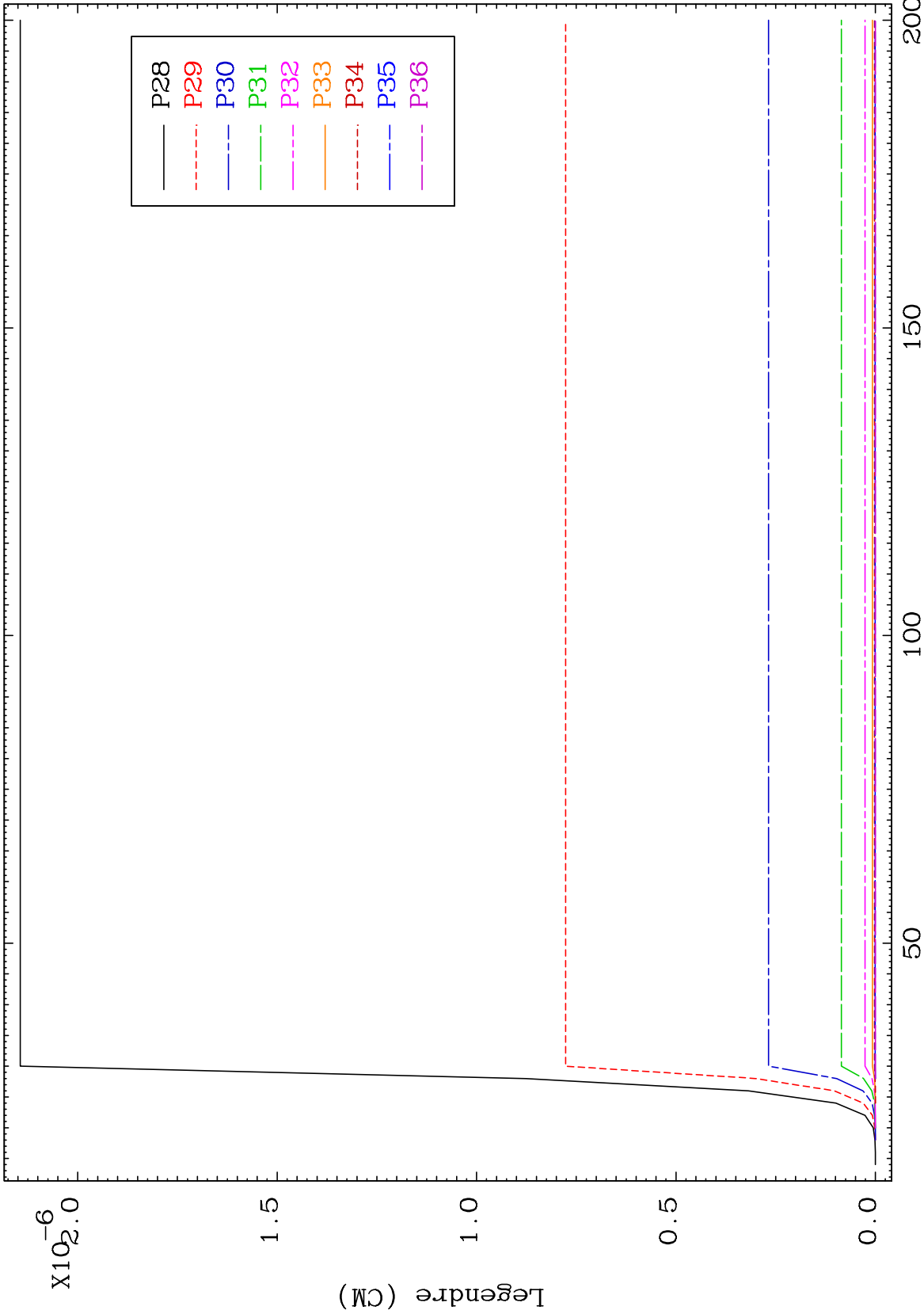
81

55-Cs-129

MAT 5513

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

55-Cs-129



82

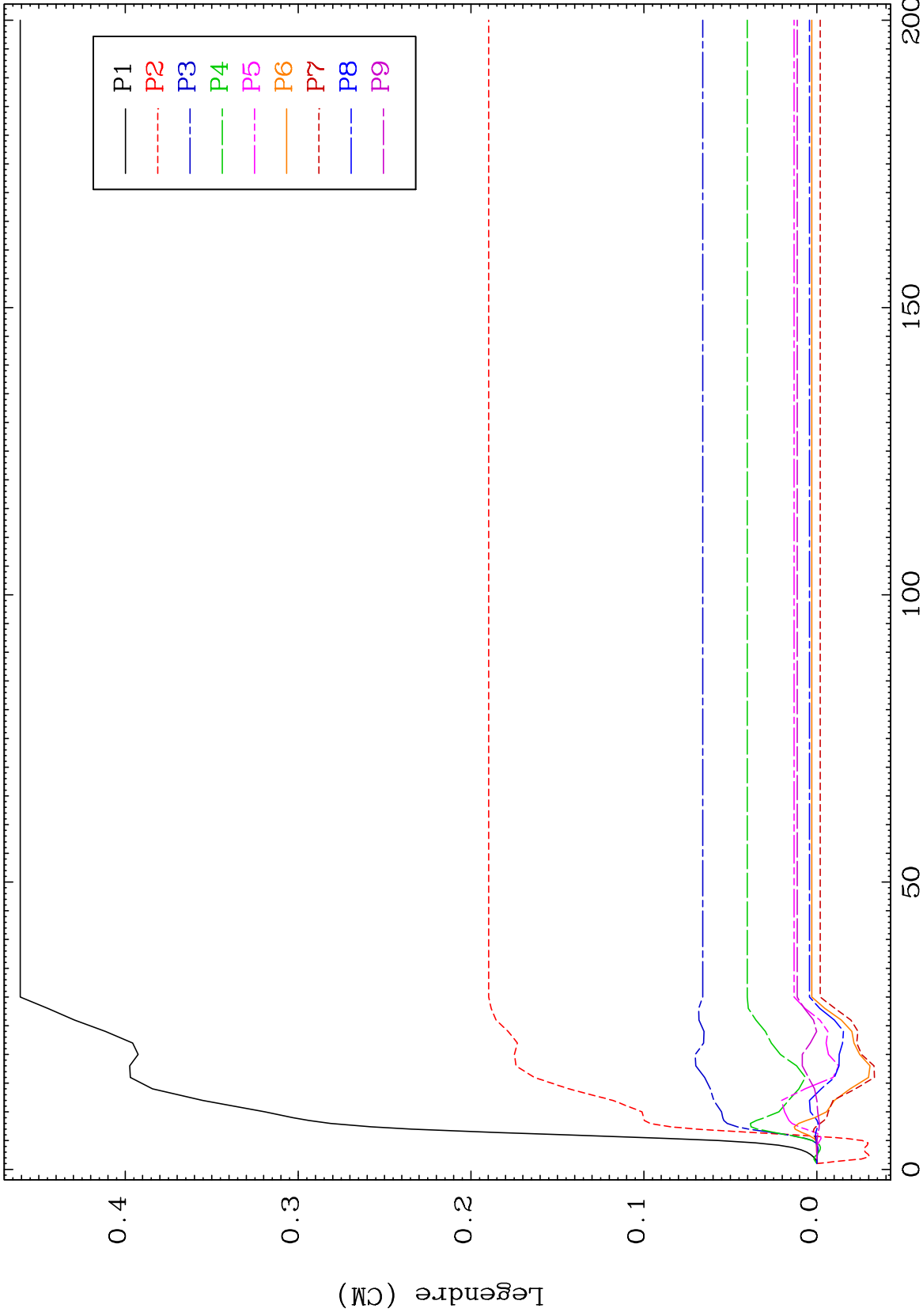
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



83

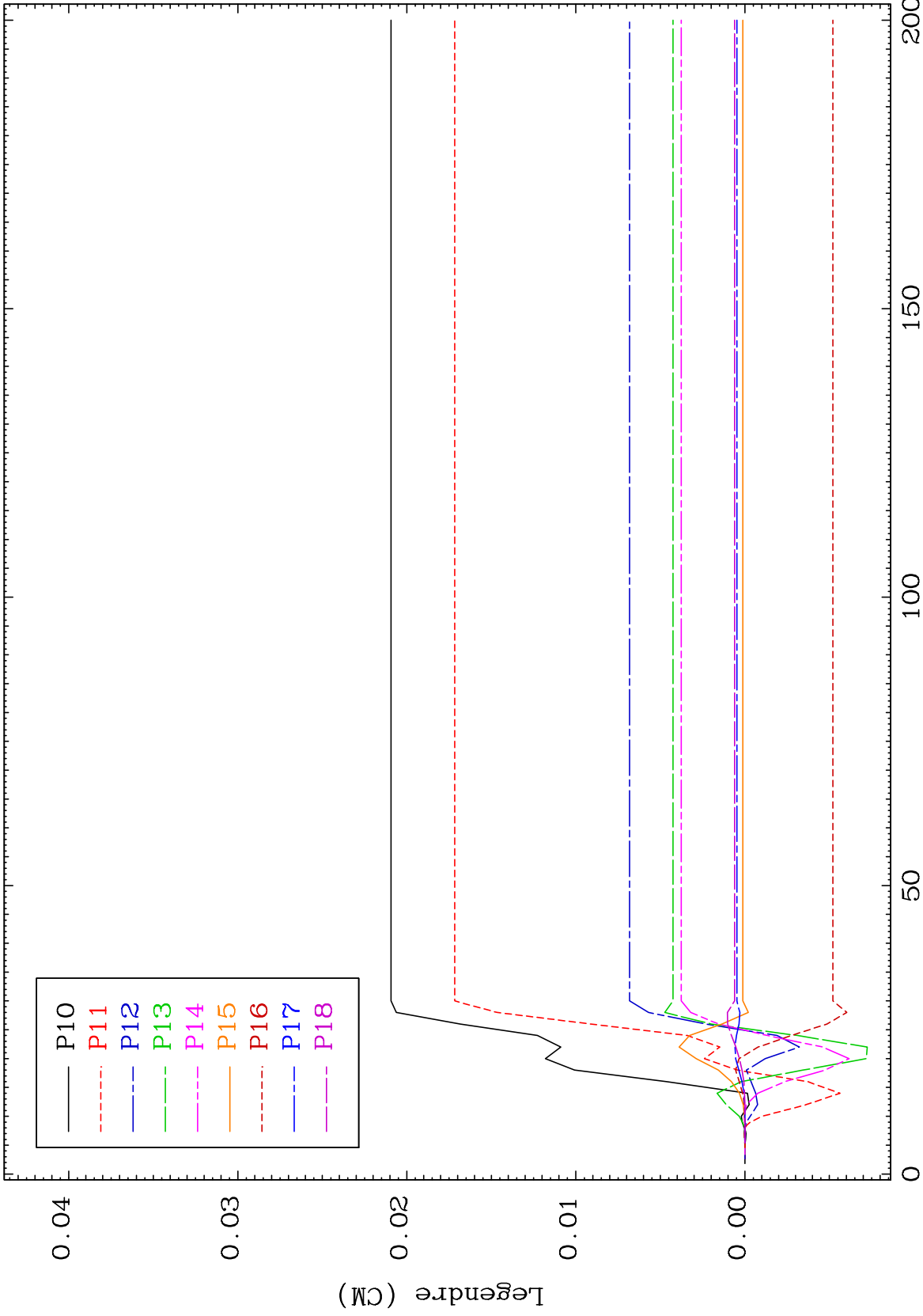
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



84

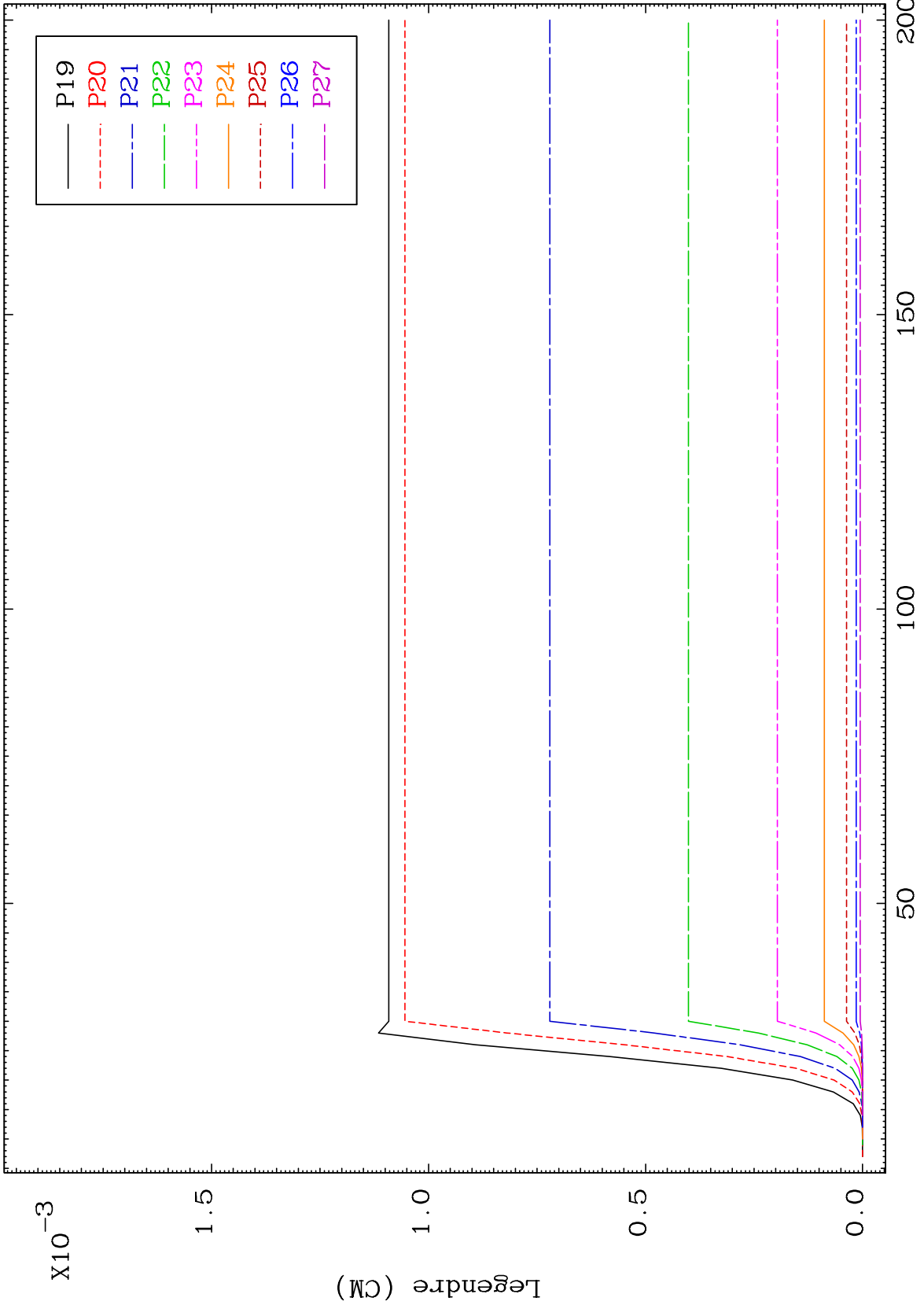
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



85

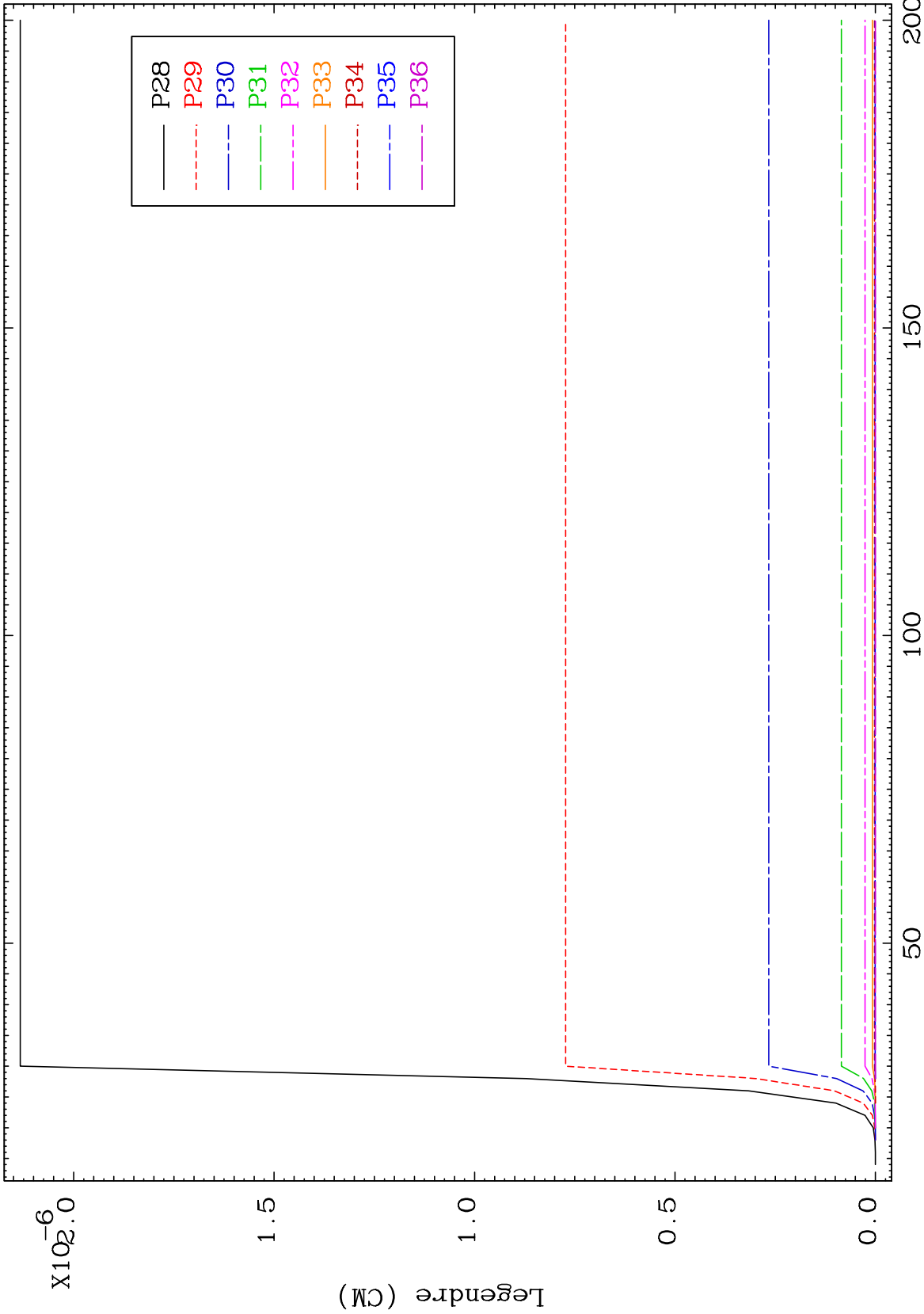
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



86

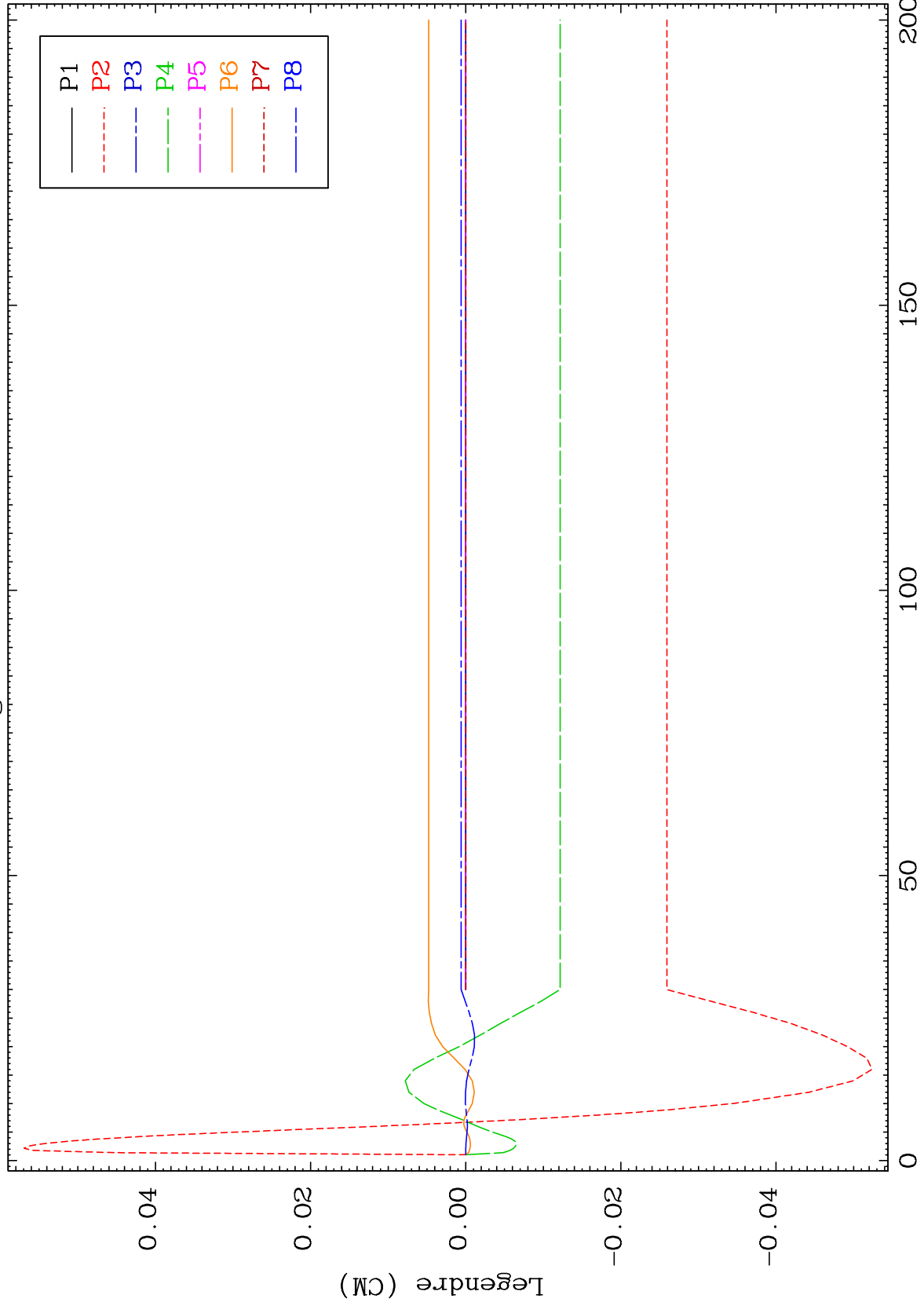
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129

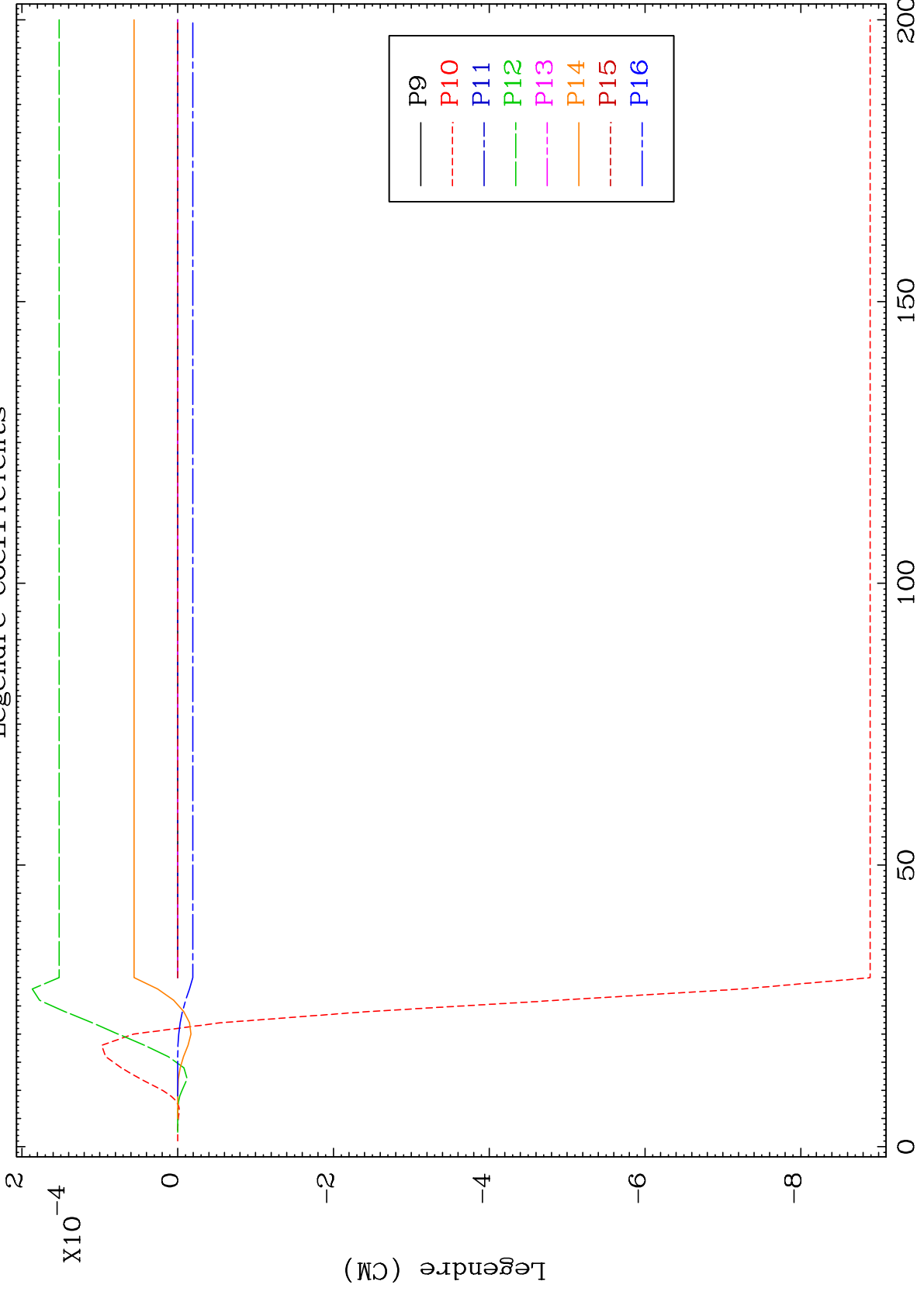


87

Incident Energy (MeV)

55-Cs-129

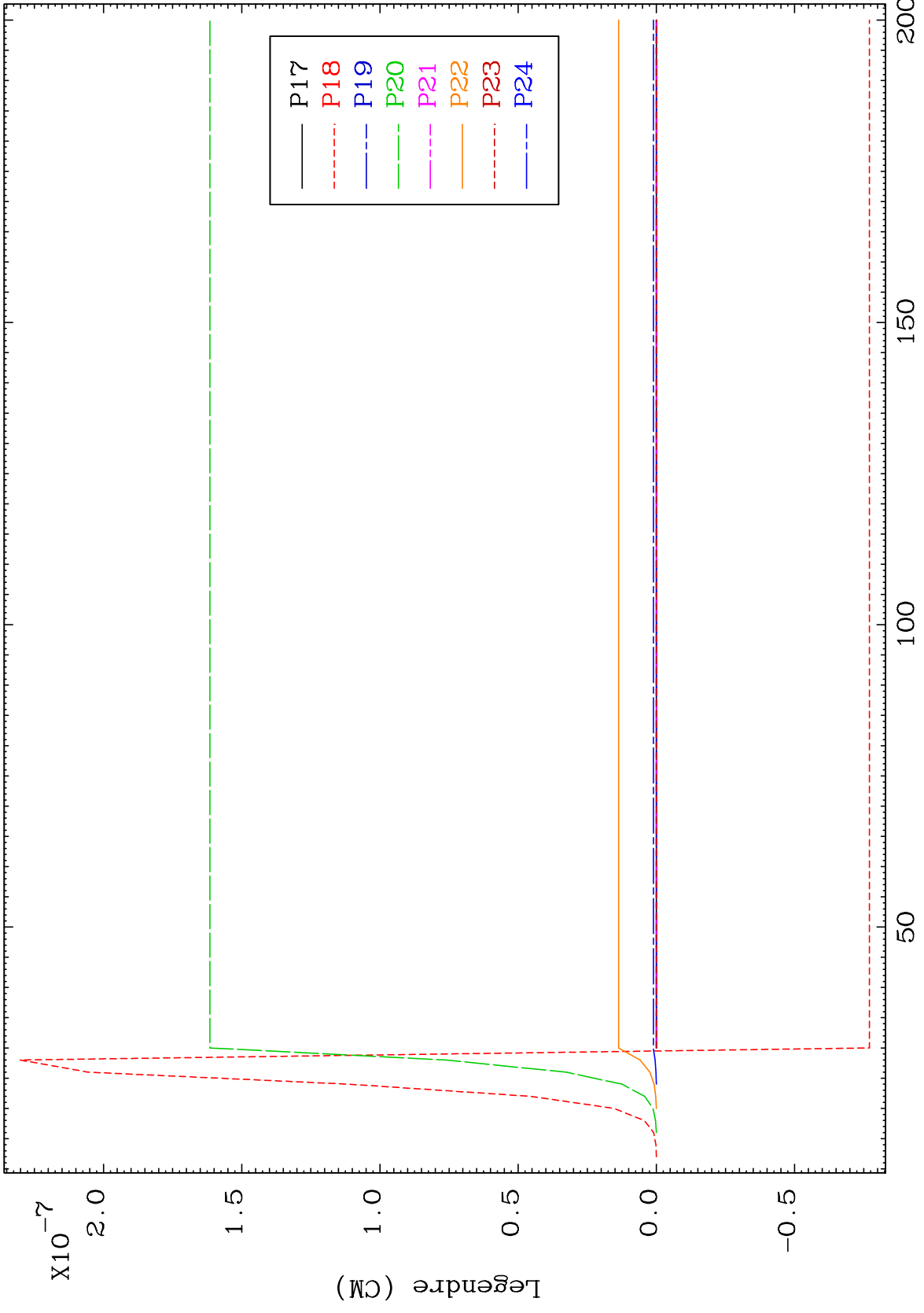
MAT 5513 MT= 68 (n,n') Level Legendre Coefficients 55-Cs-129



MAT 5513

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

55-Cs-129



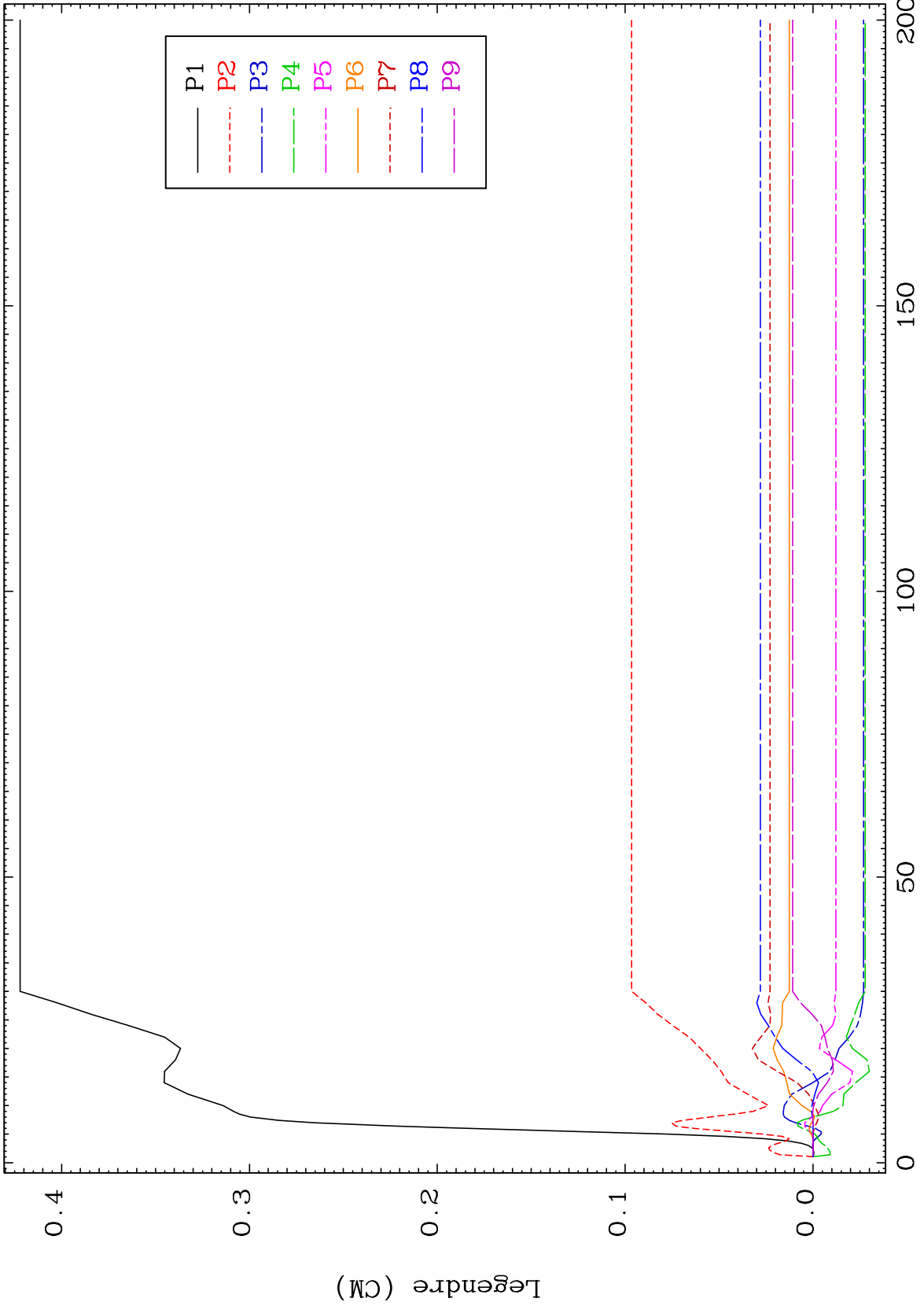
89

55-Cs-129

MAT 5513

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

55-Cs-129

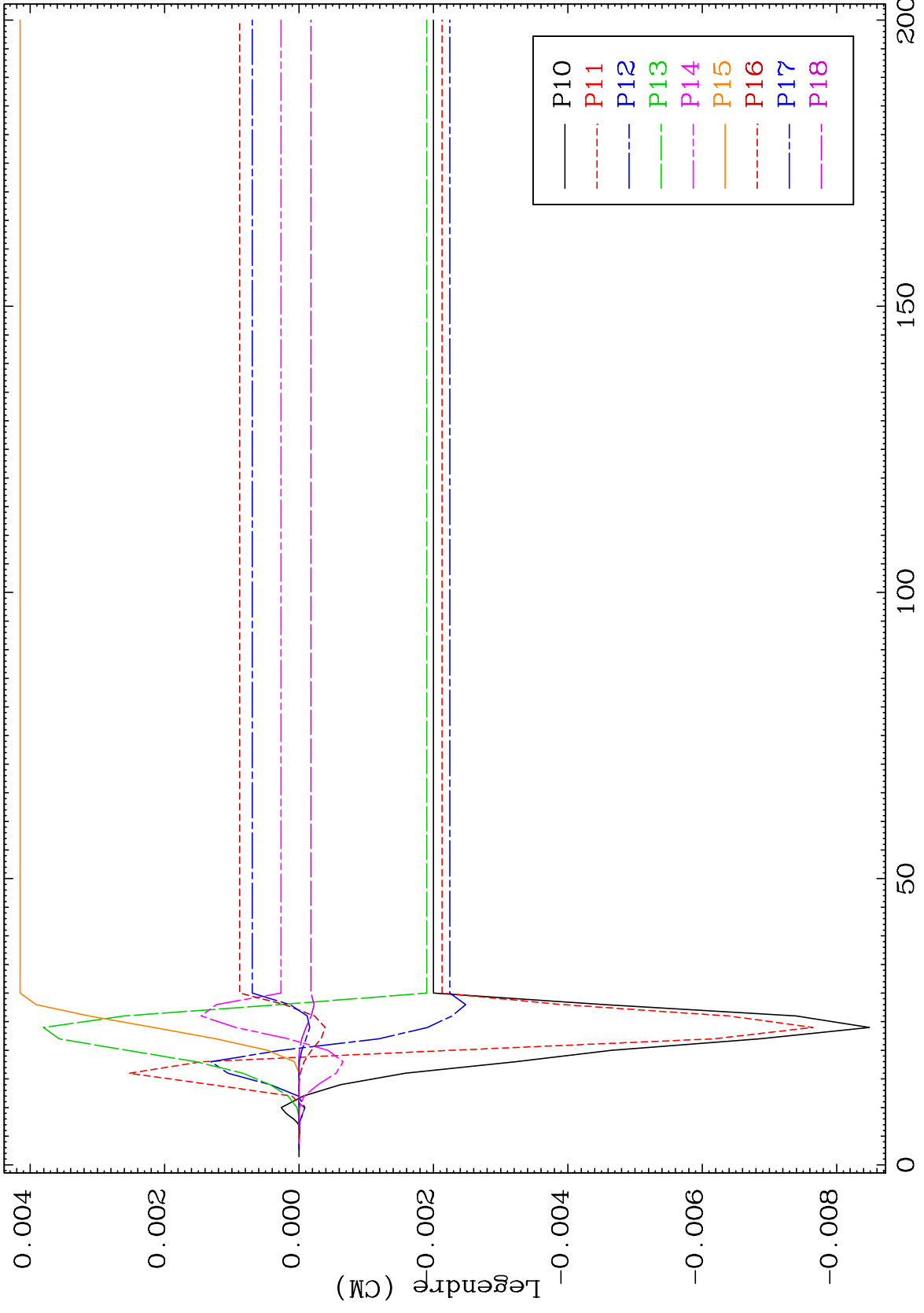


90

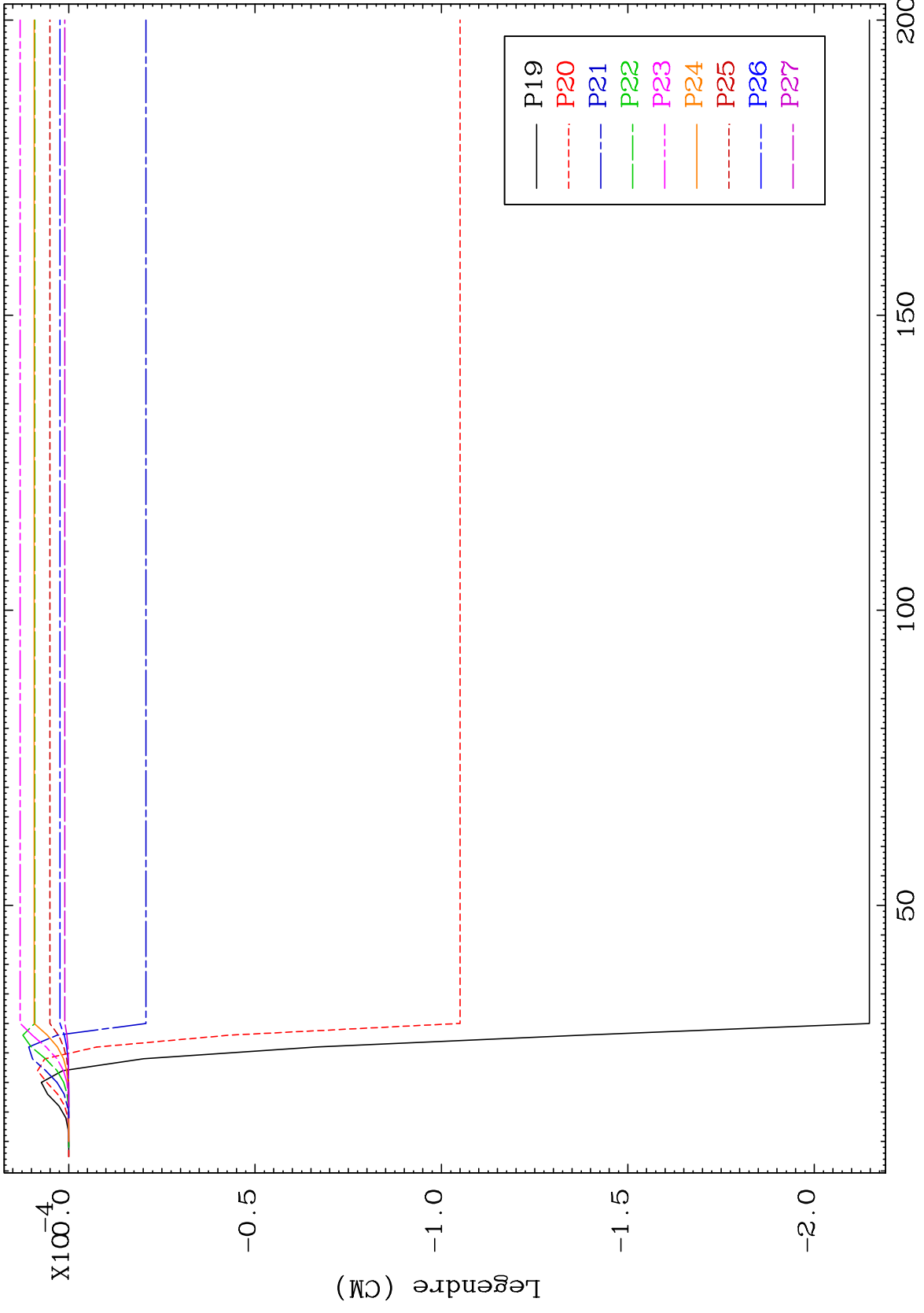
Incident Energy (MeV)

55-Cs-129

MAT 5513 MT= 69 (n,n') Level Legendre Coefficients 55-Cs-129



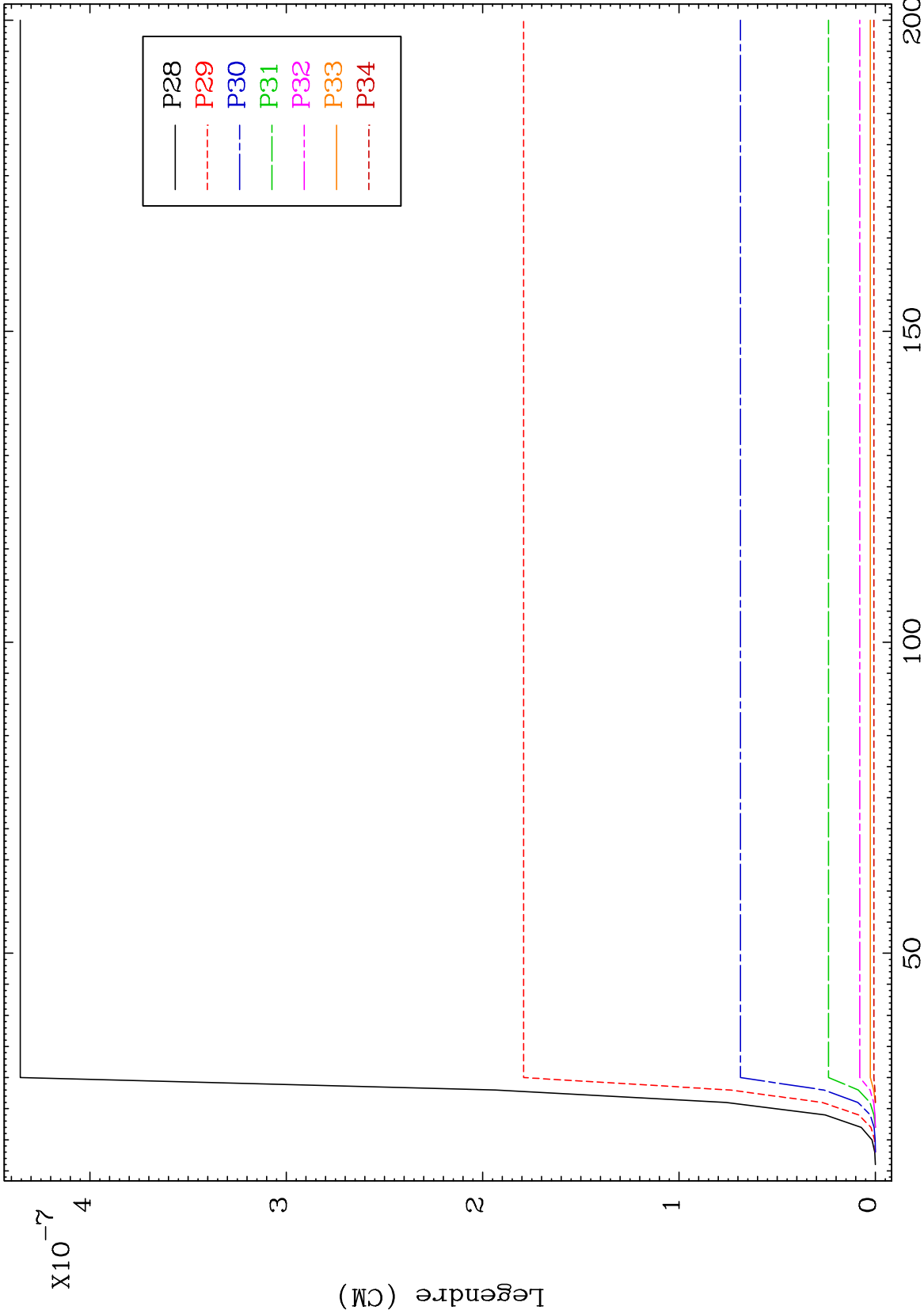
MAT 5513 MT= 69 (n,n') Level Legendre Coefficients 55-Cs-129



MAT 5513

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

55-Cs-129



93

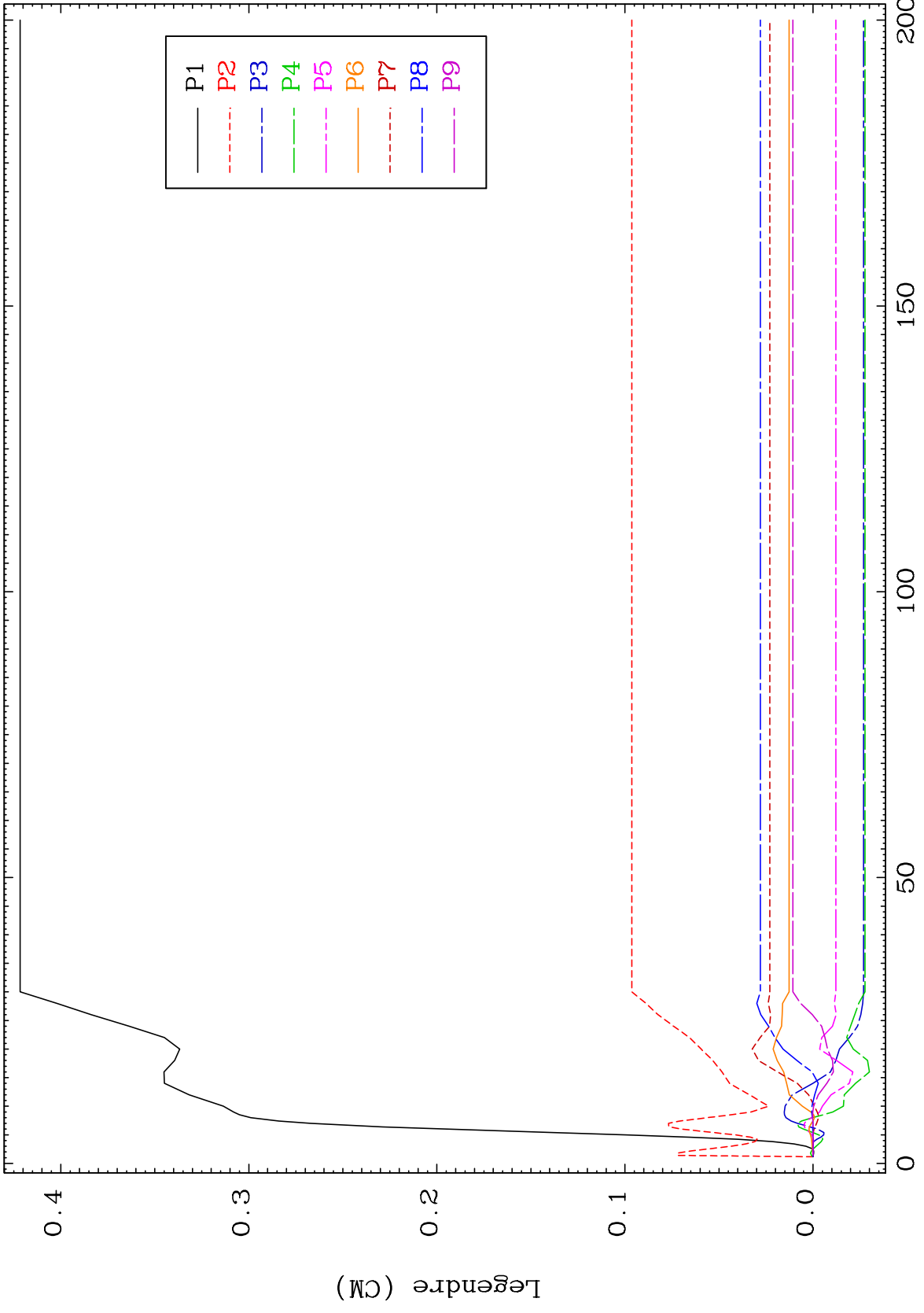
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129

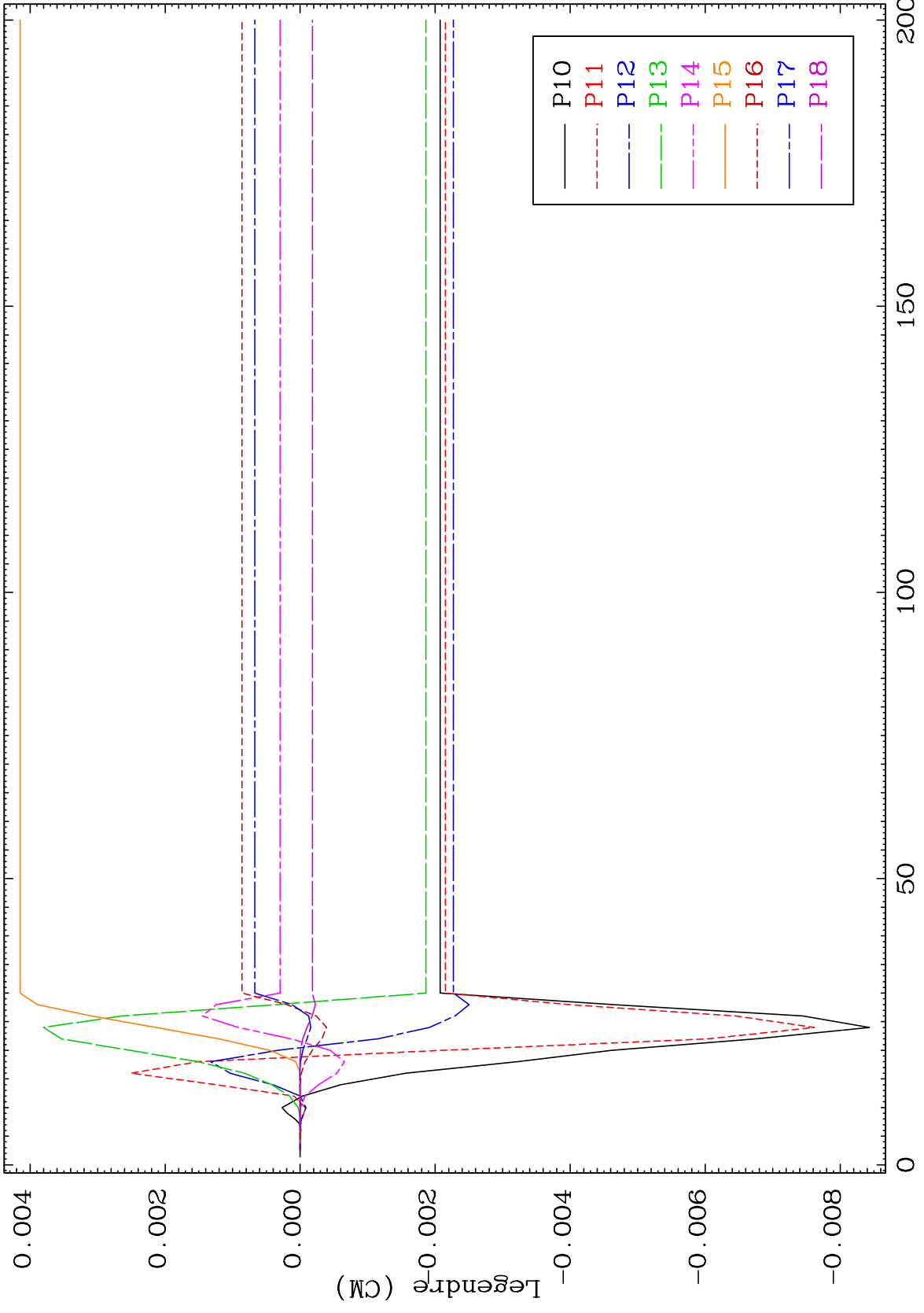


94

Incident Energy (MeV)

55-Cs-129

MAT 5513 MT= 70 (n,n') Level Legendre Coefficients 55-Cs-129

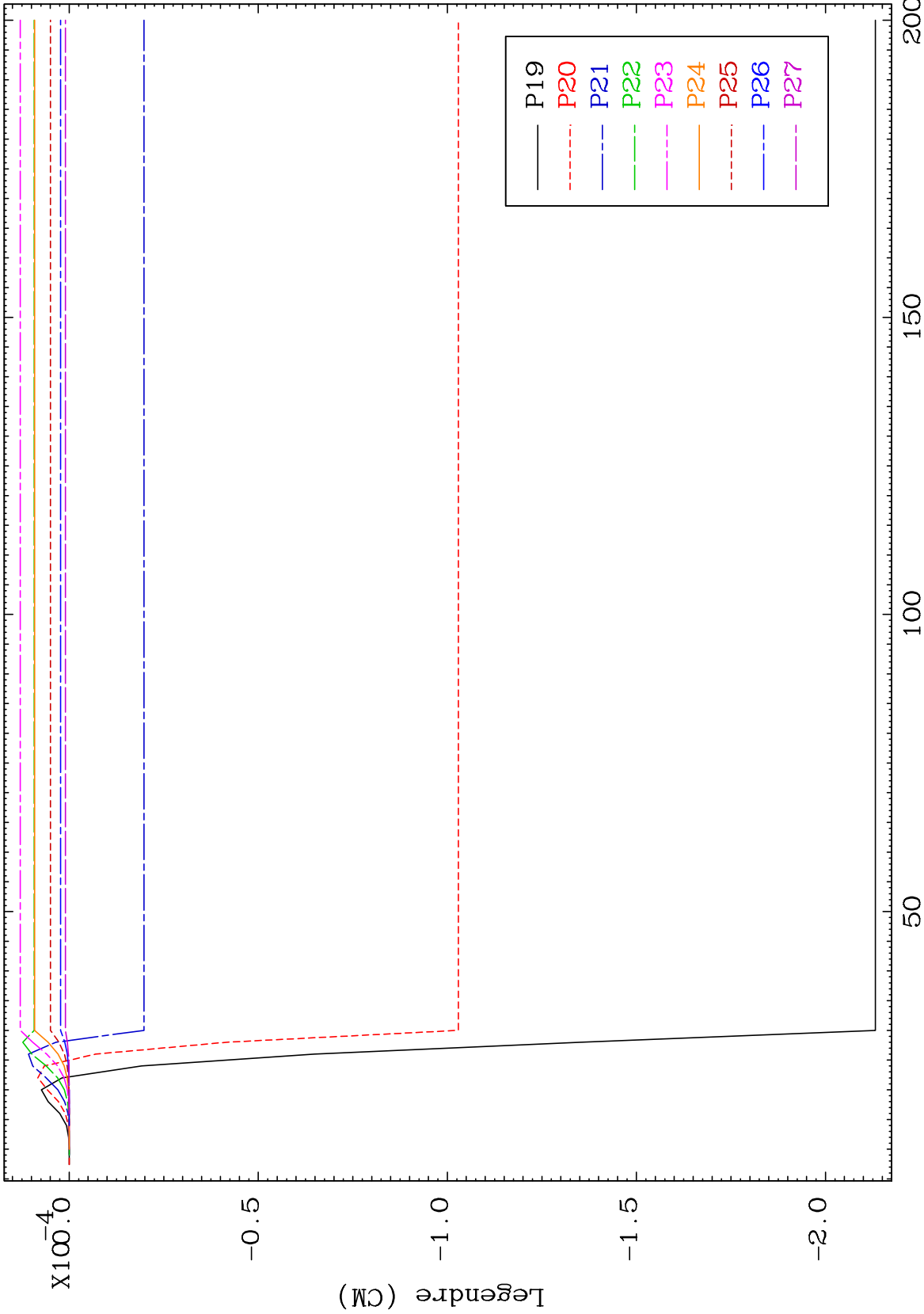


95 Incident Energy (MeV) 55-Cs-129

MAT 5513

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

55-Cs-129



55-Cs-129

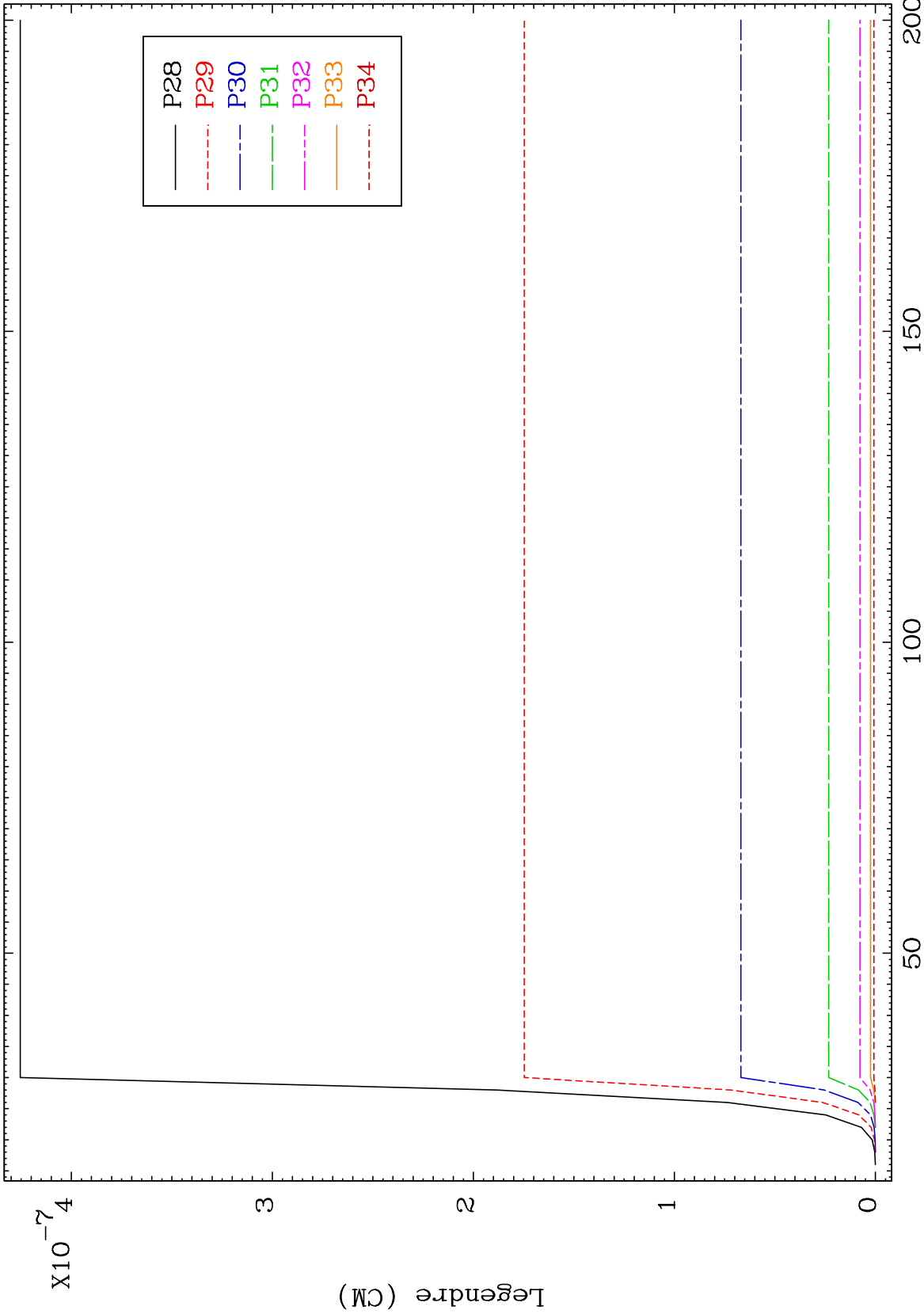
Incident Energy (MeV)

96

MAT 5513

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

55-Cs-129

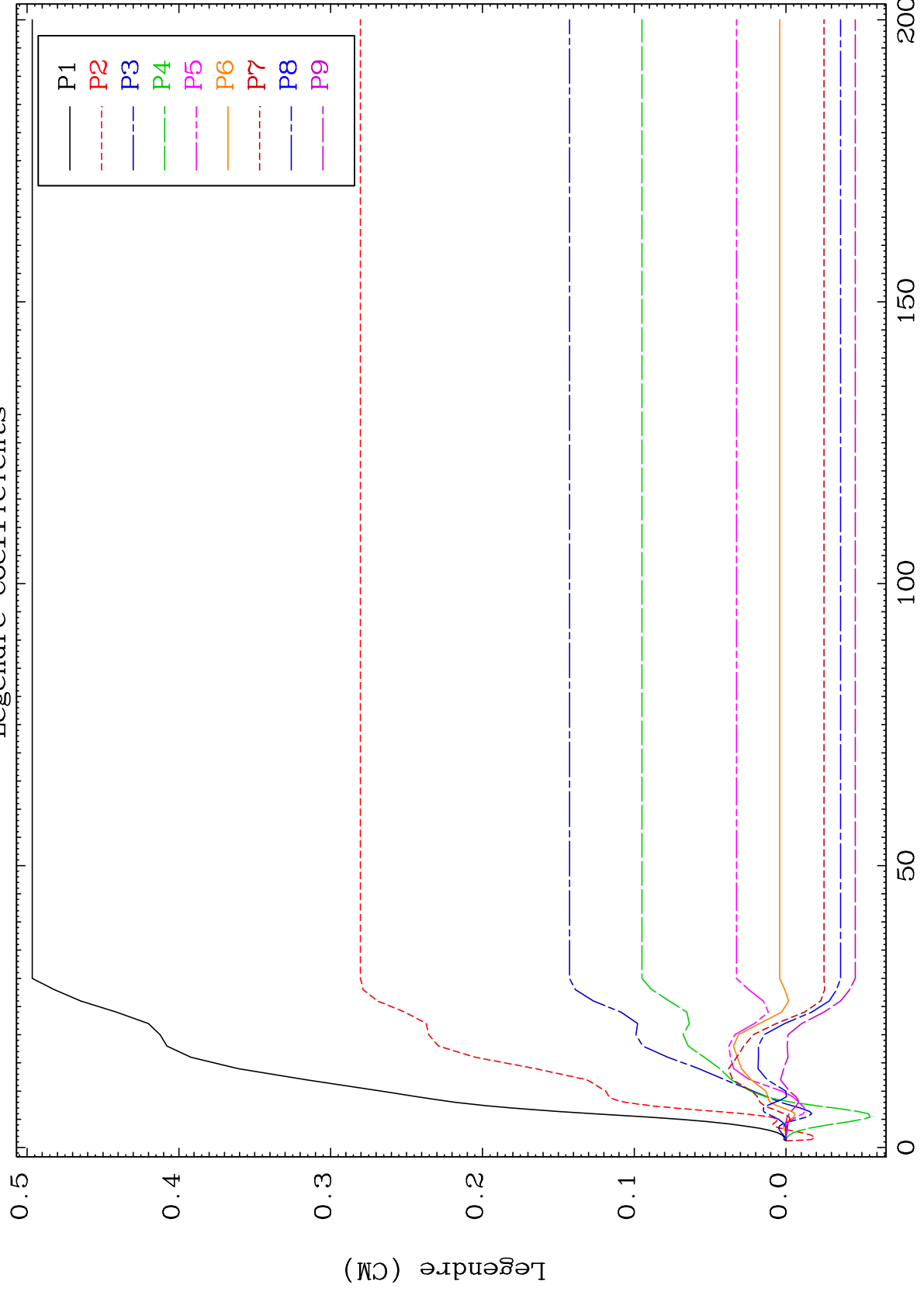


97

Incident Energy (MeV)

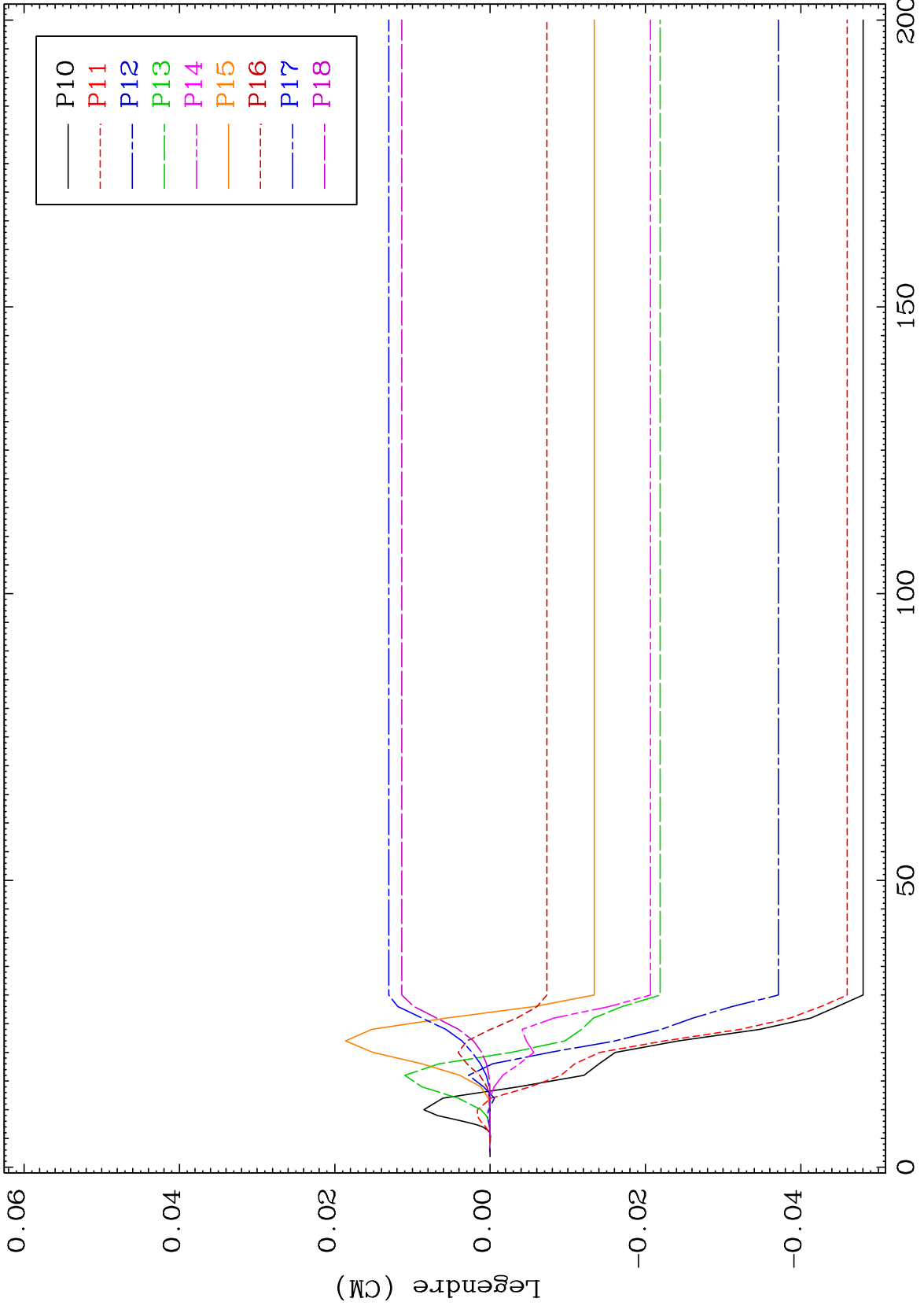
55-Cs-129

MAT 5513 MT= 71 (n,n') Level Legendre Coefficients 55-Cs-129



98 Incident Energy (MeV) 55-Cs-129

MAT 5513 MT= 71 (n,n') Level Legendre Coefficients 55-Cs-129

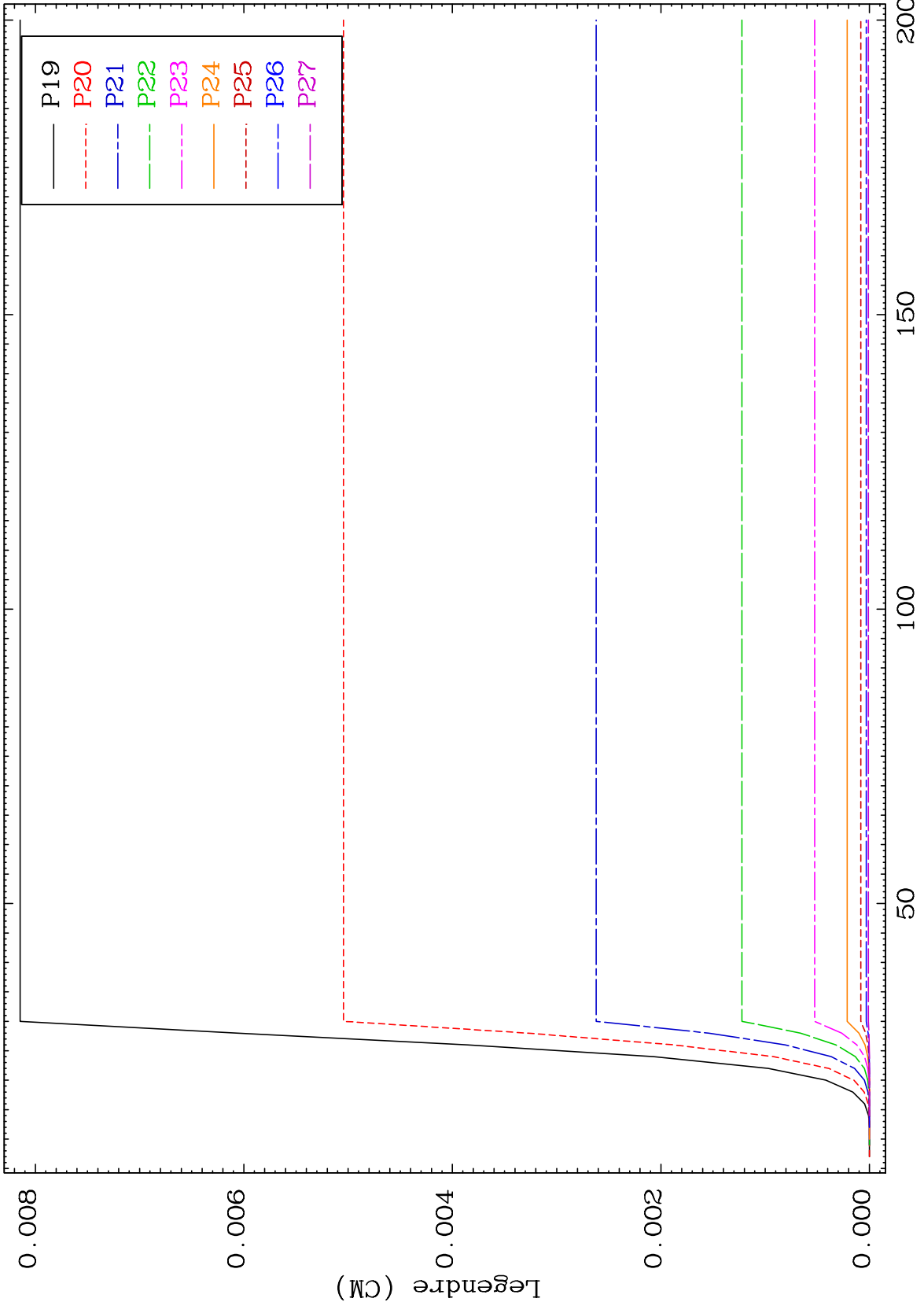


99 55-Cs-129

MAT 5513

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

55-Cs-129



100

50

100

150

200

55-Cs-129

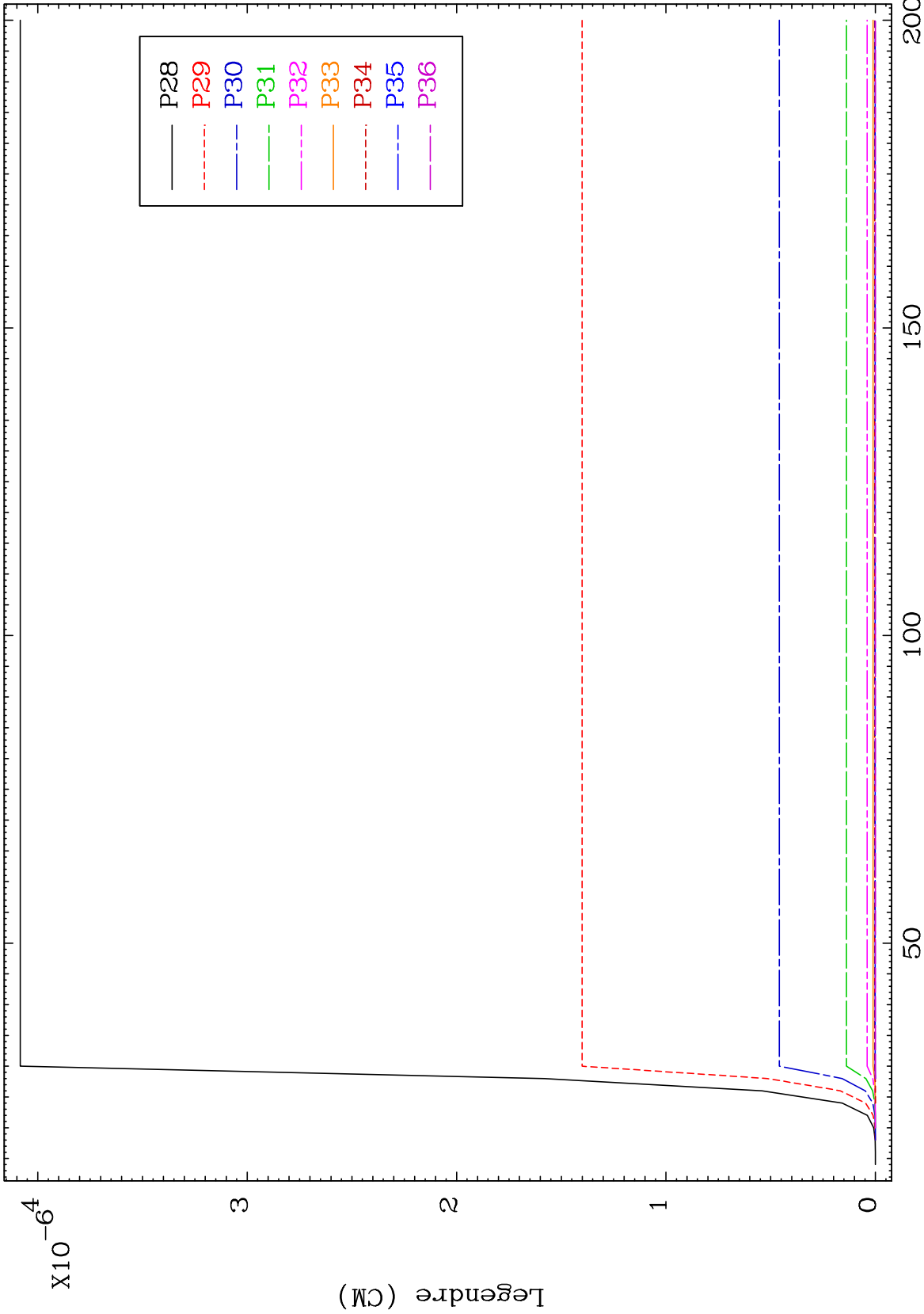
Legendre (cm)

Incident Energy (MeV)

MAT 5513

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

55-Cs-129

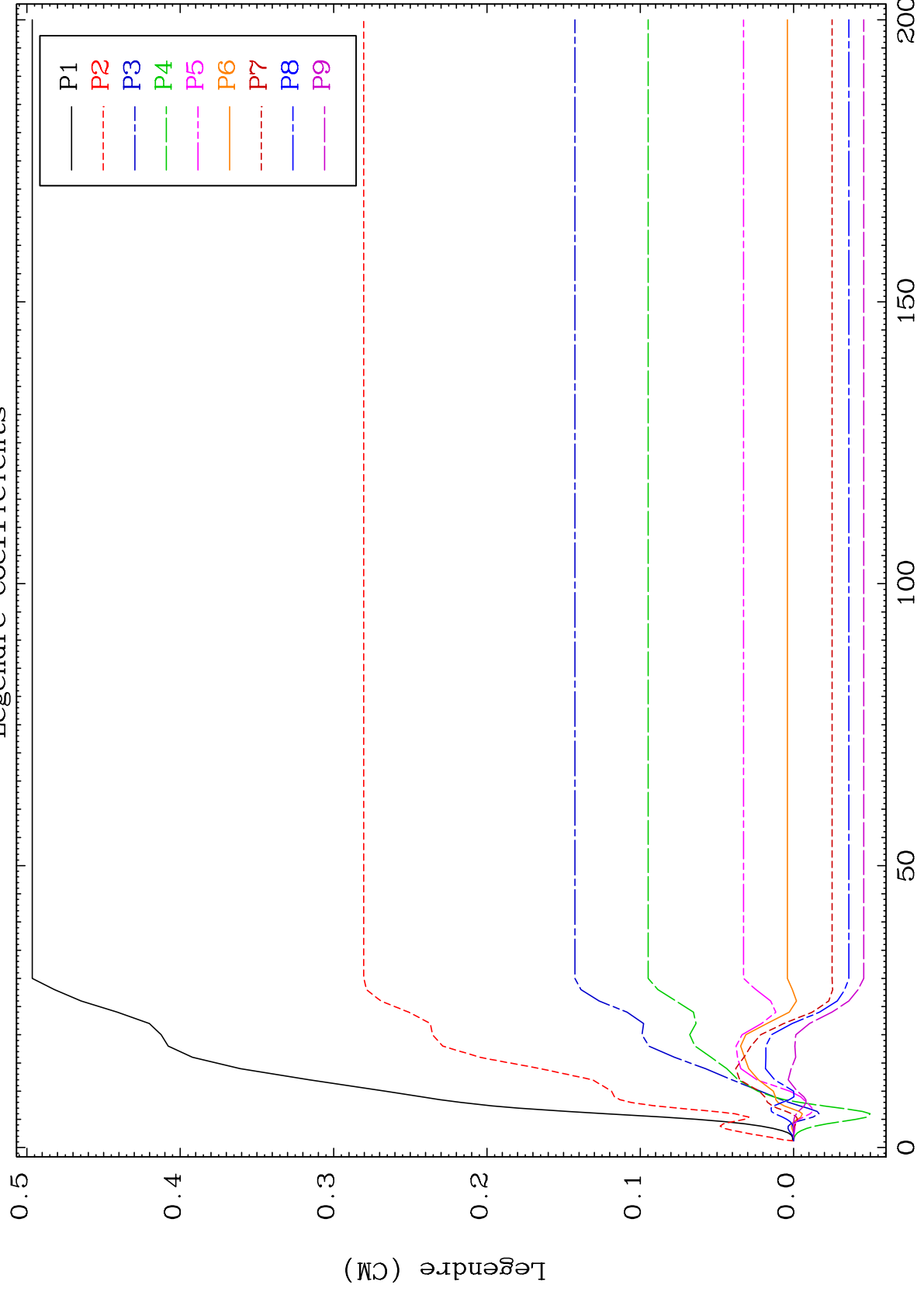


101

Incident Energy (MeV)

55-Cs-129

MAT 5513 MT= 72 (n,n') Level Legendre Coefficients 55-Cs-129

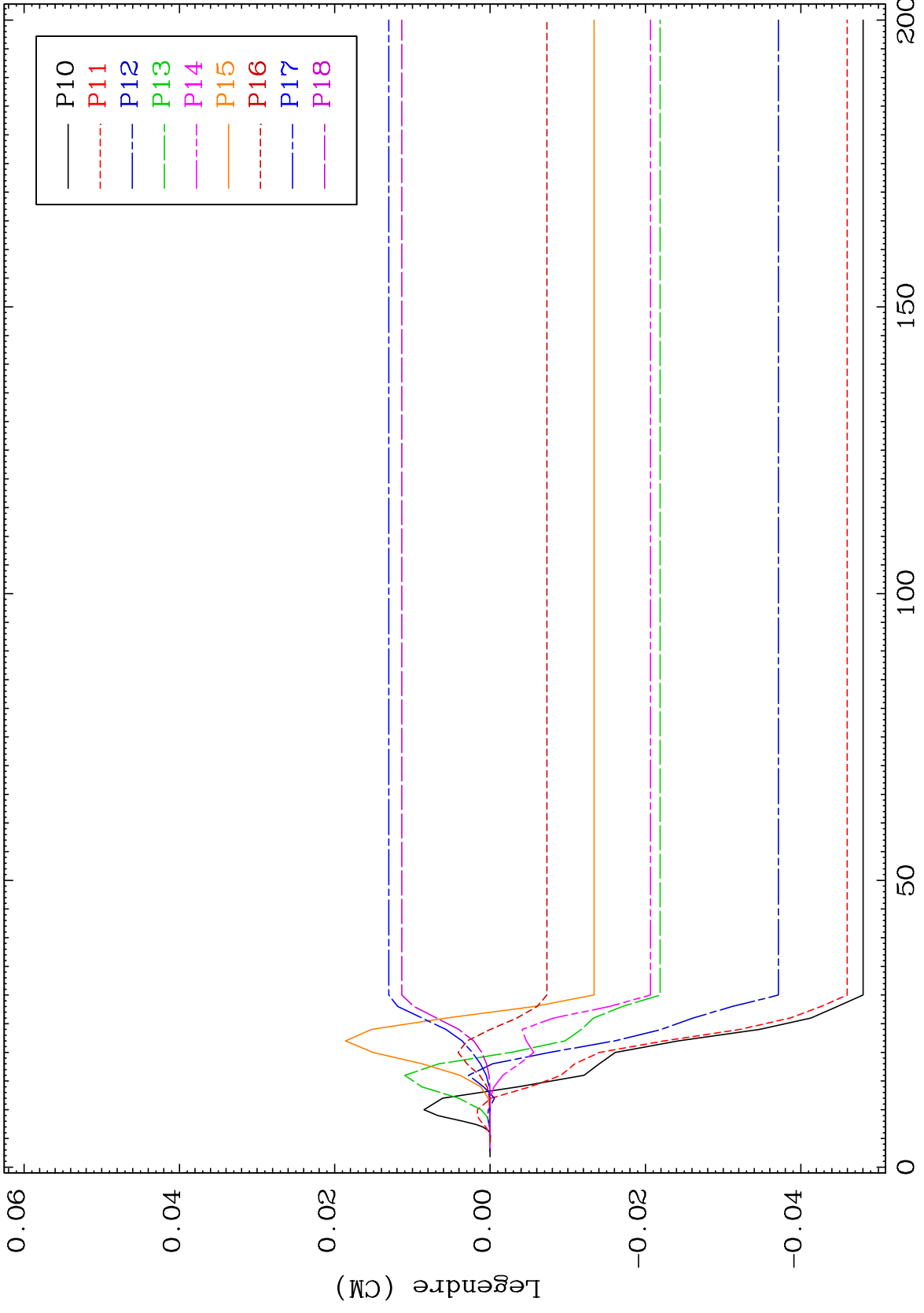


102 Incident Energy (MeV) 55-Cs-129

MAT 5513

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

55-Cs-129



103

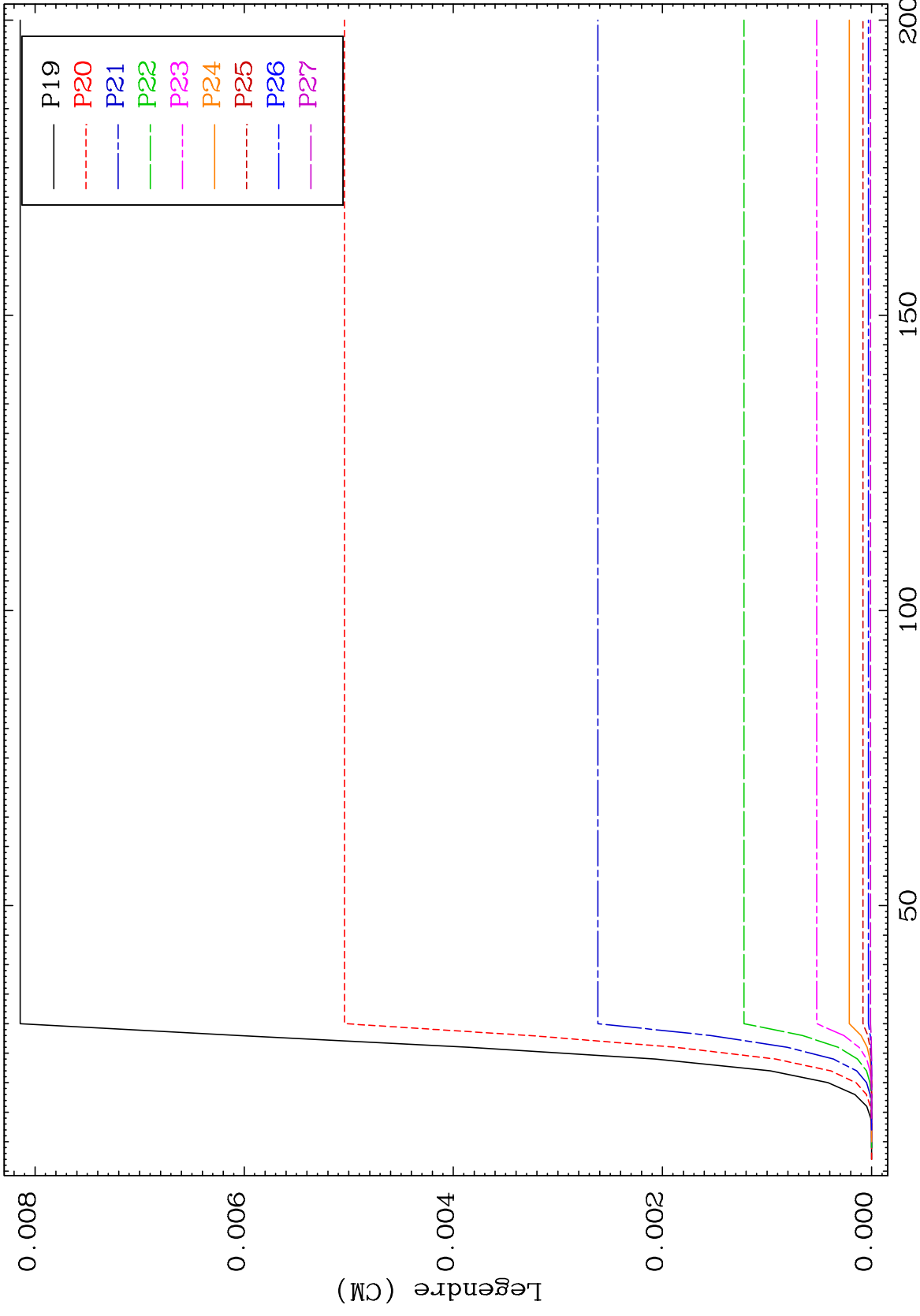
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



104

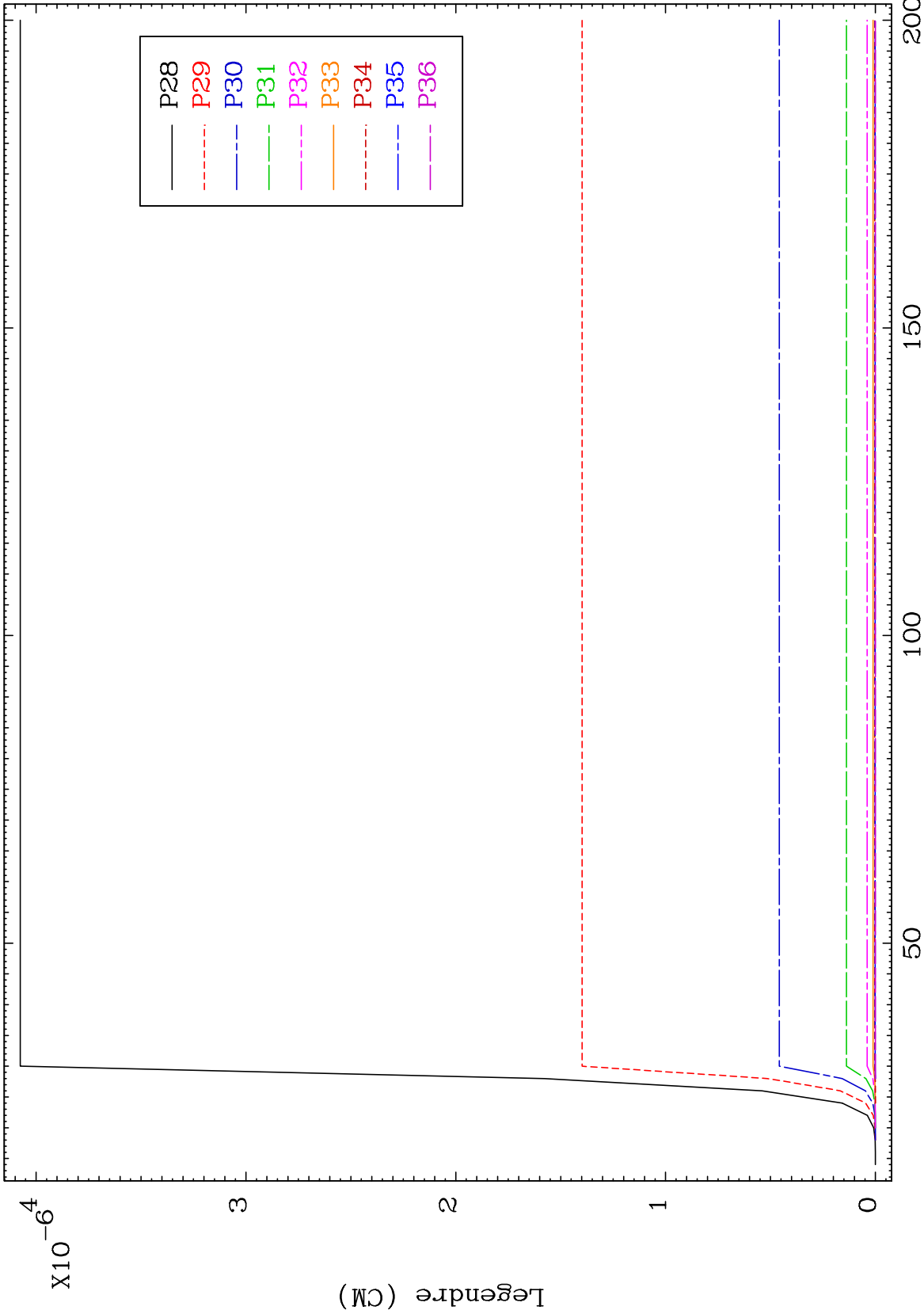
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



105

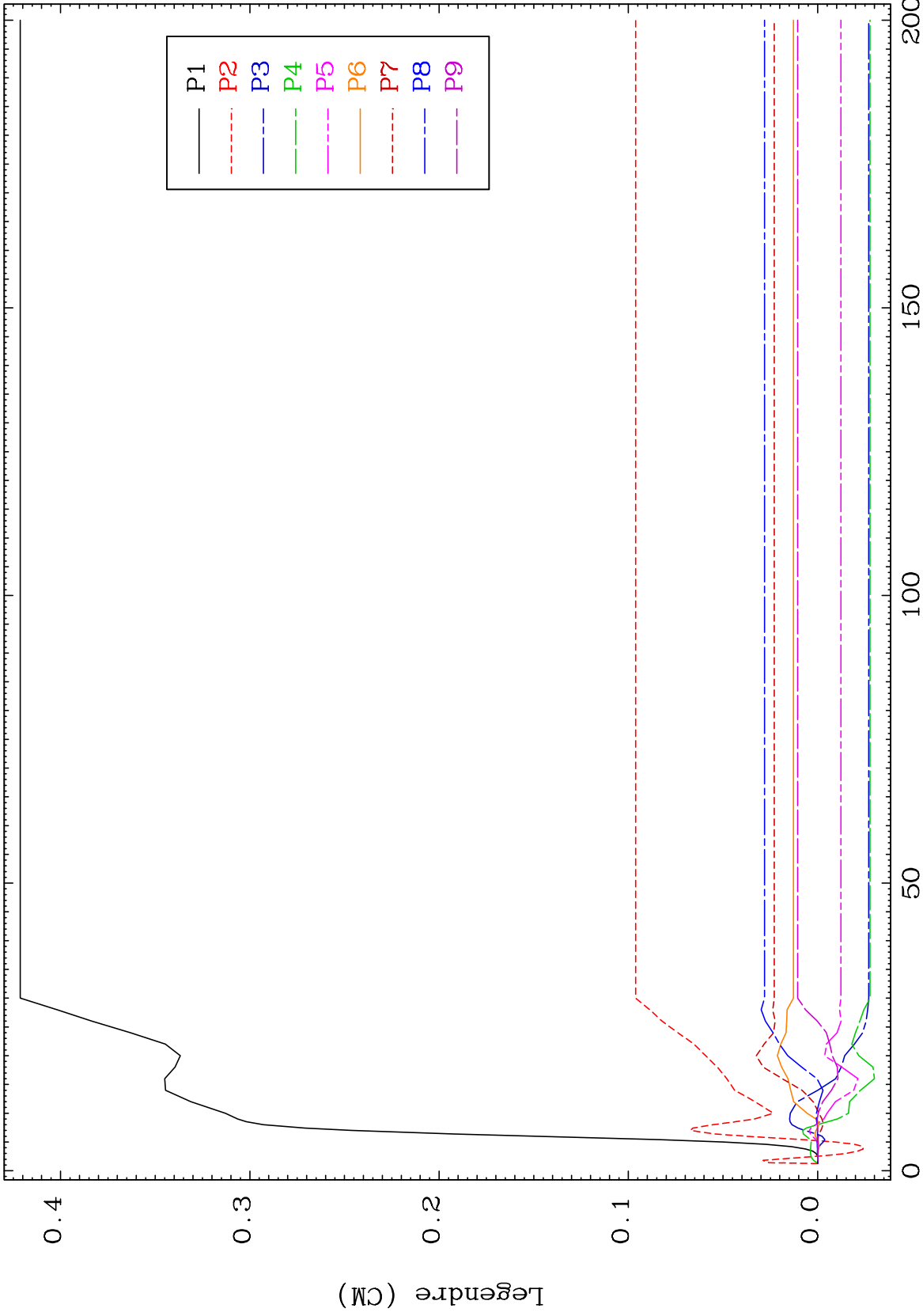
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129

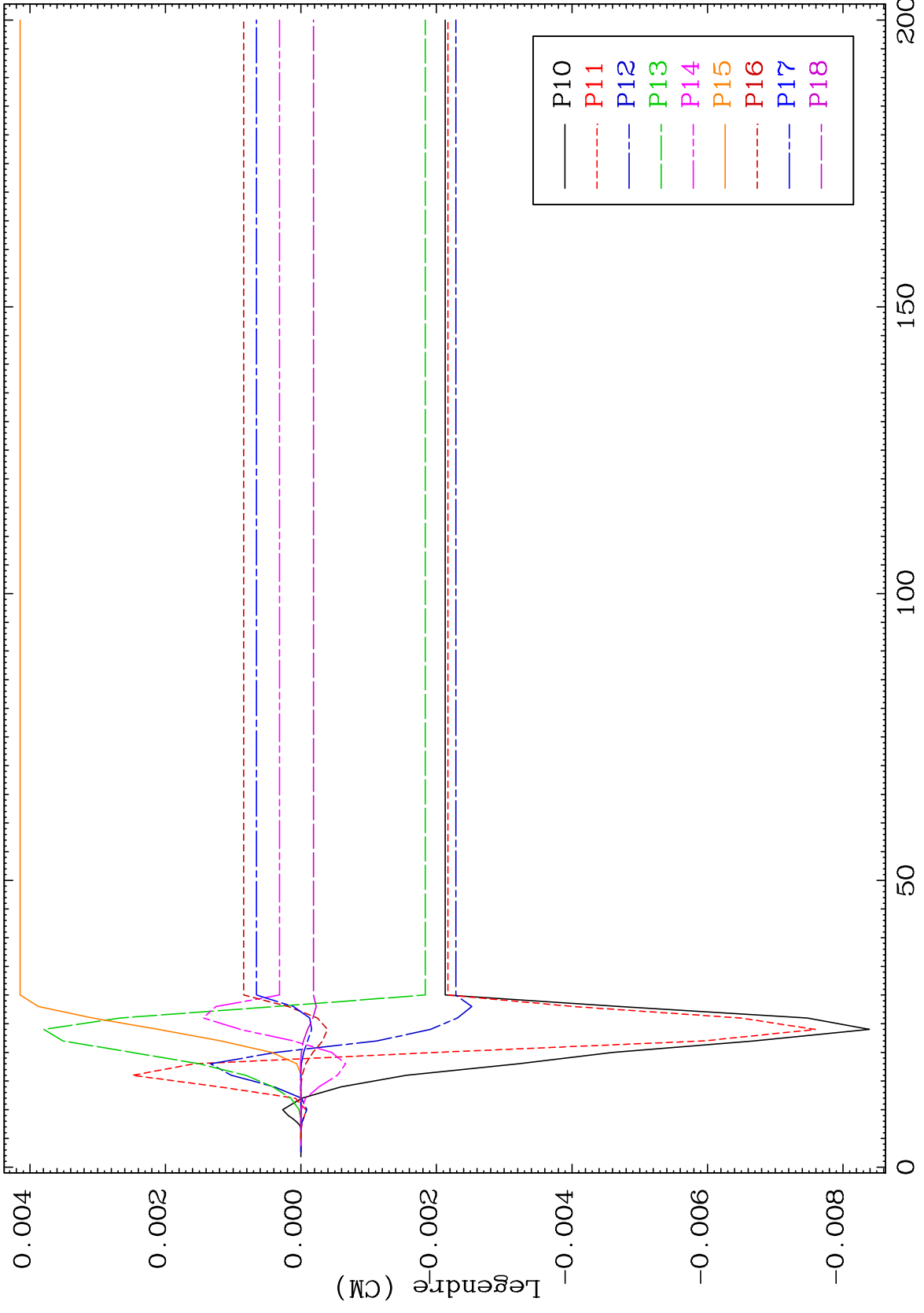


106

Incident Energy (MeV)

55-Cs-129

MAT 5513 MT= 73 (n,n') Level Legendre Coefficients 55-Cs-129

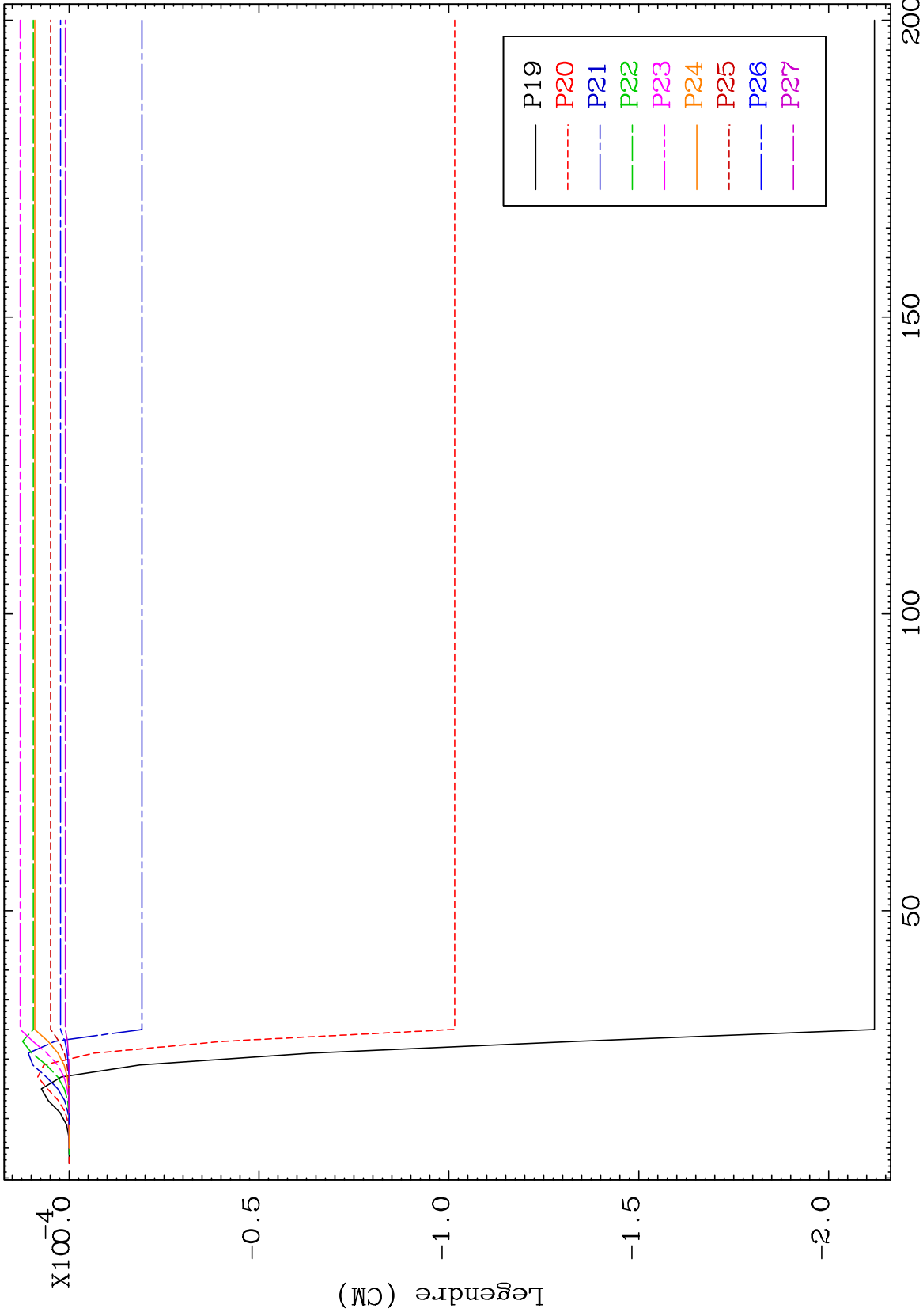


107 55-Cs-129

MAT 5513

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

55-Cs-129



55-Cs-129

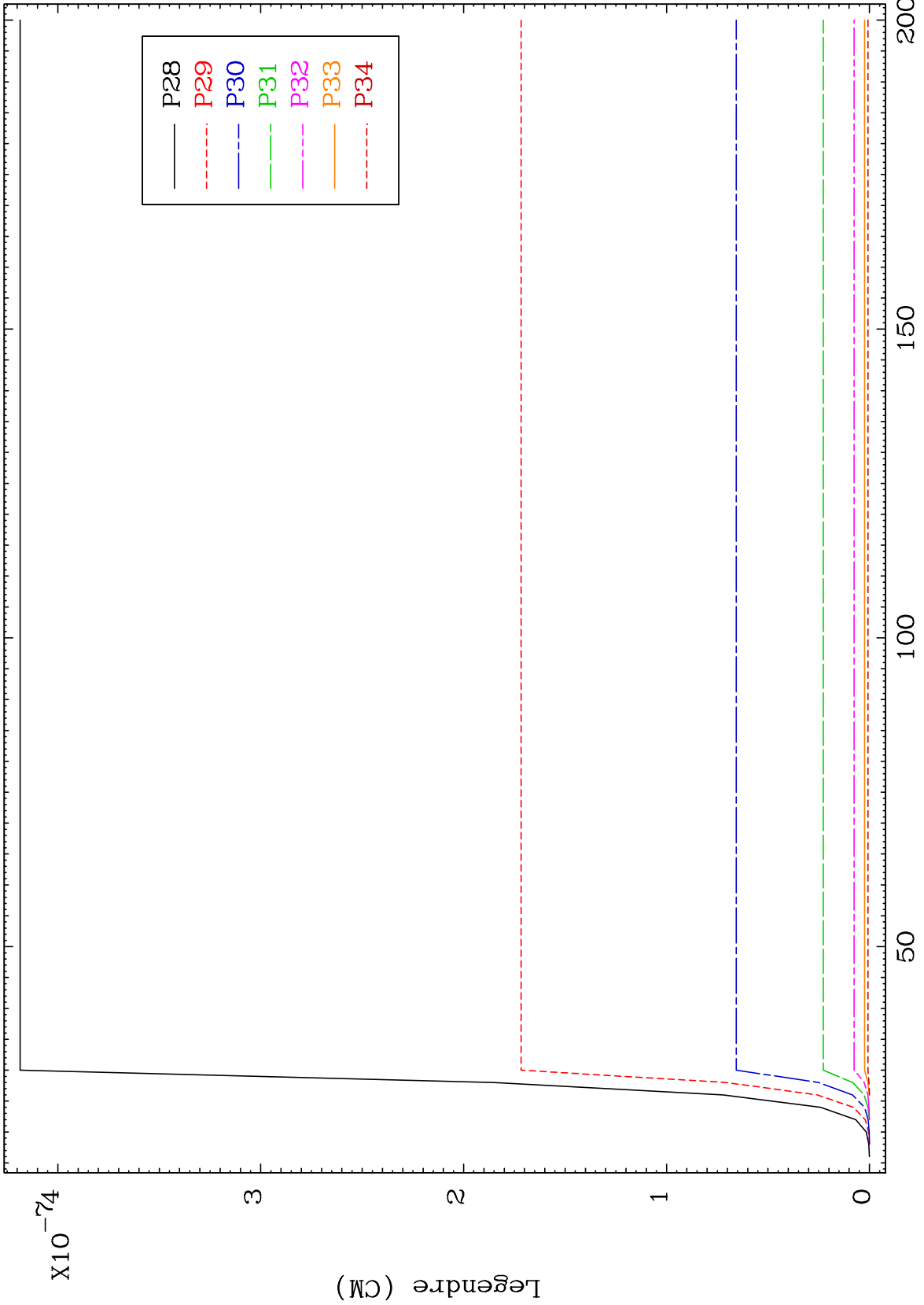
Incident Energy (MeV)

108

MAT 5513

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

55-Cs-129



109

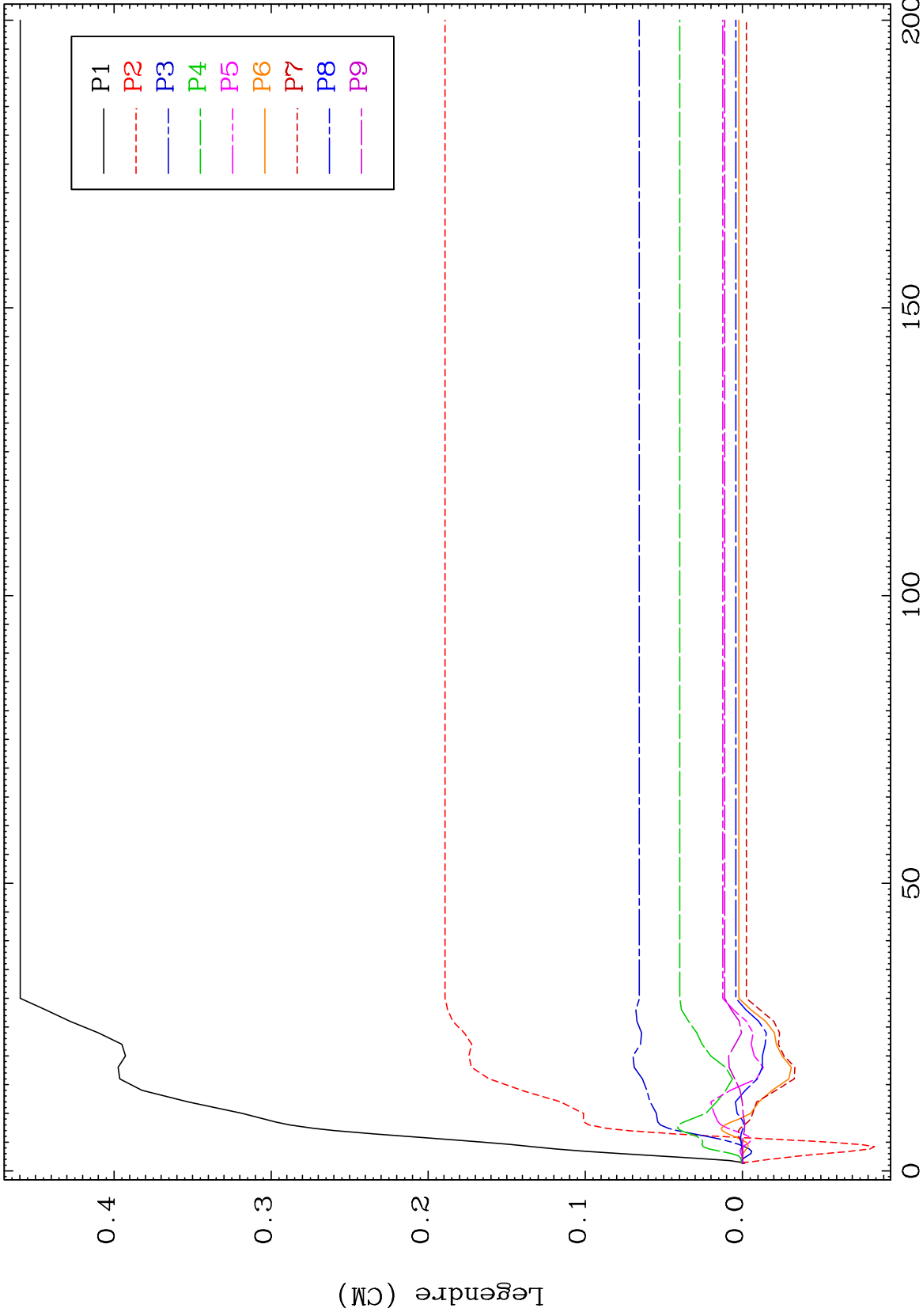
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



55-Cs-129

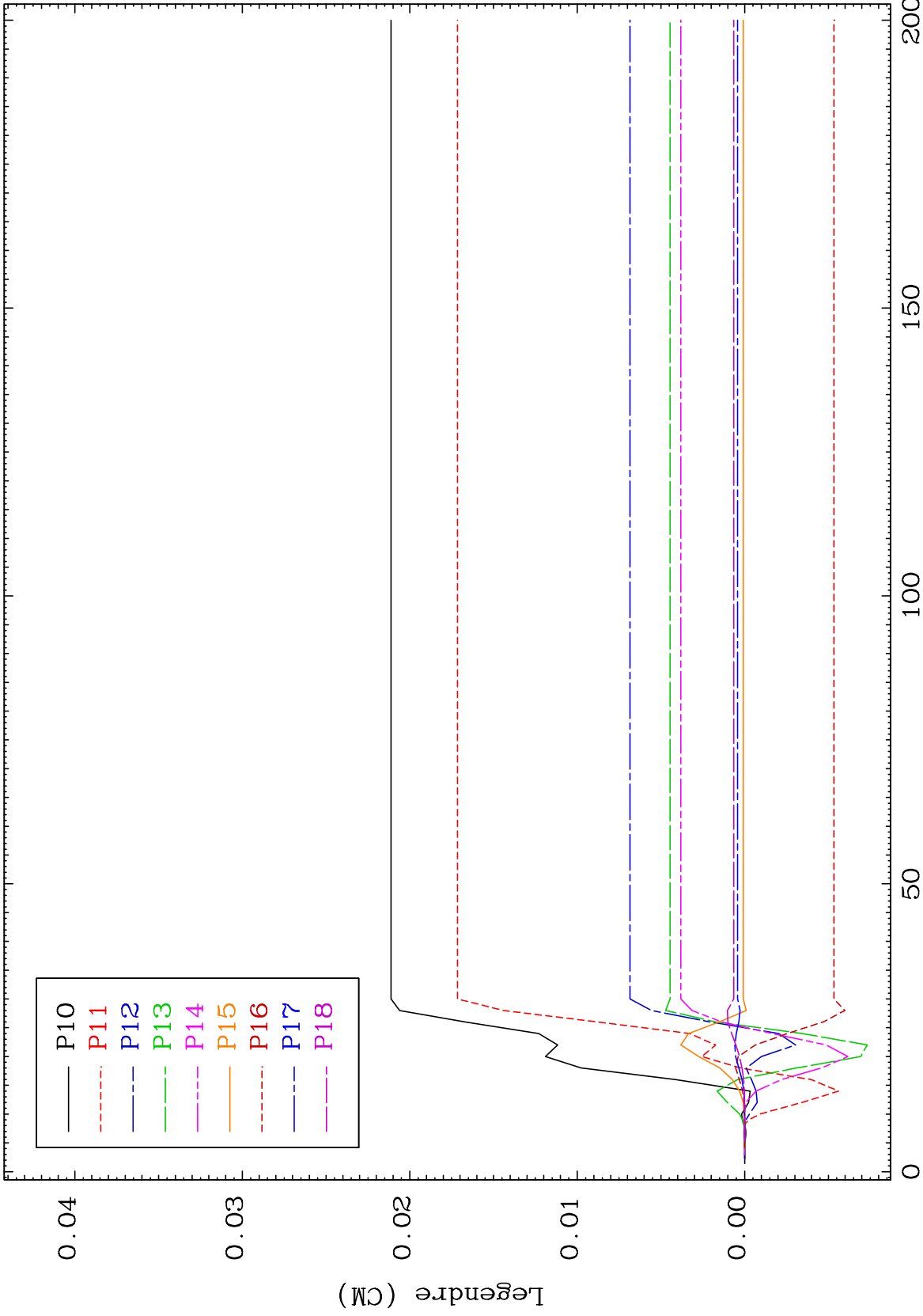
Incident Energy (MeV)

110

MAT 5513

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

55-Cs-129



111

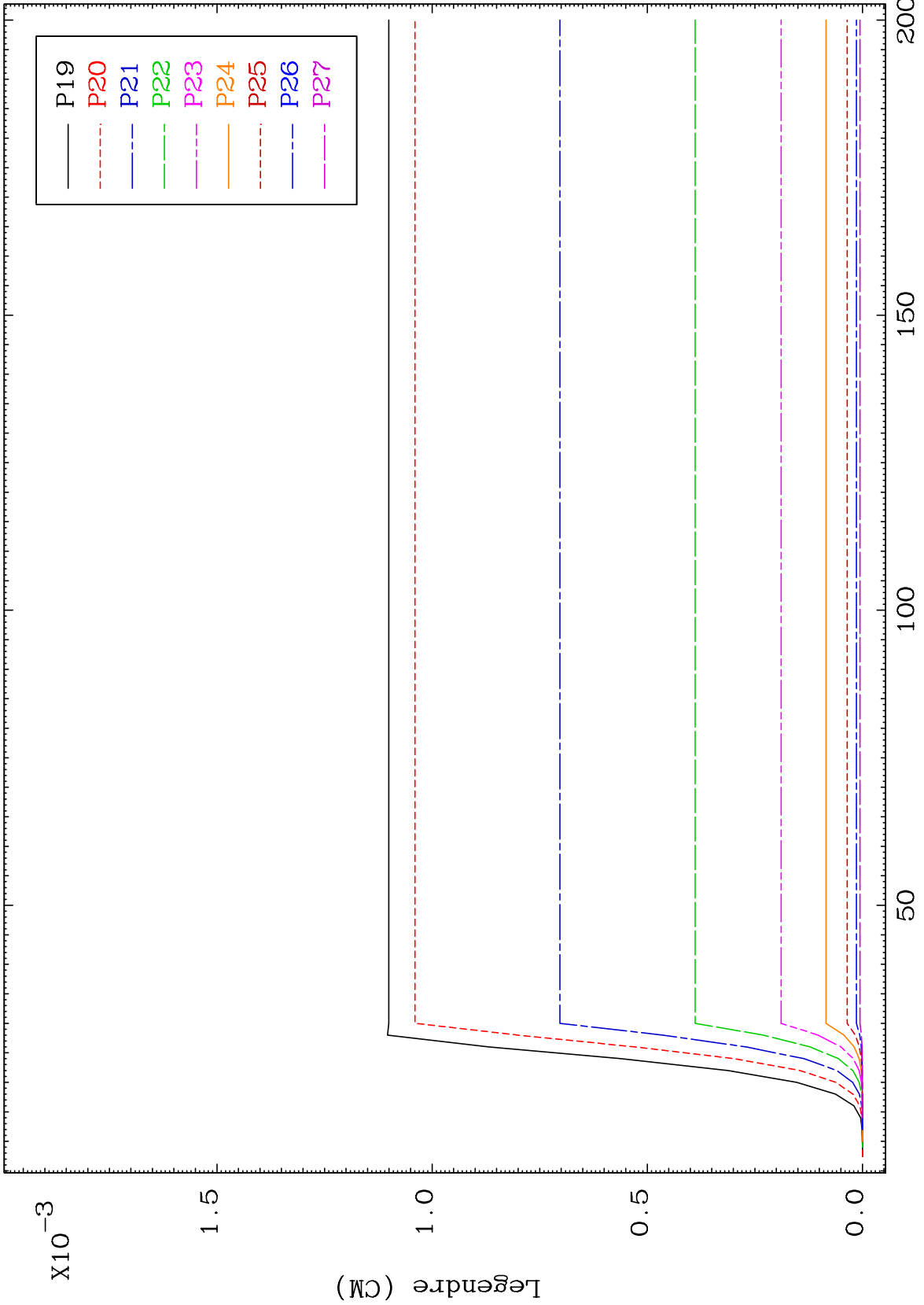
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129



112

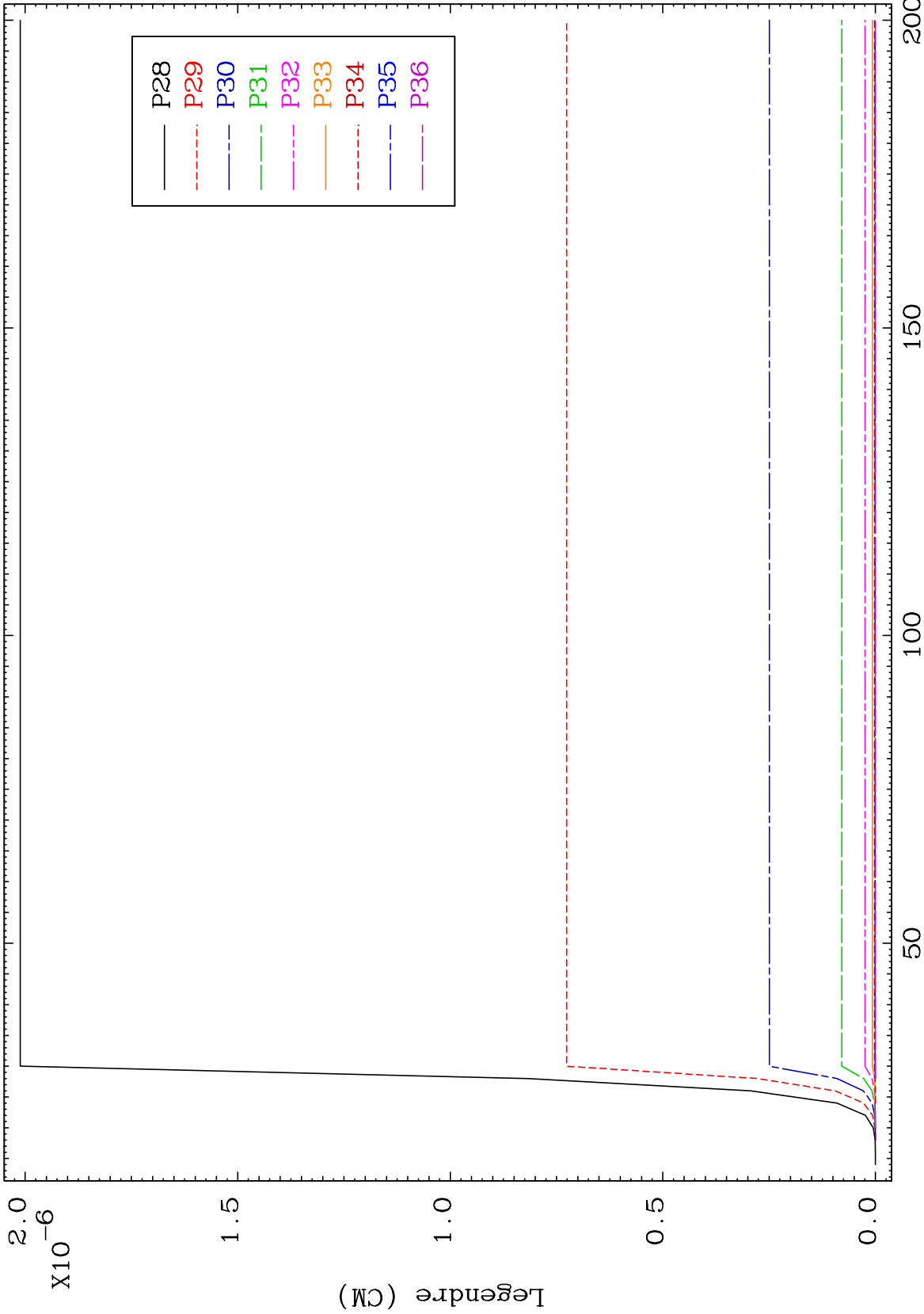
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129

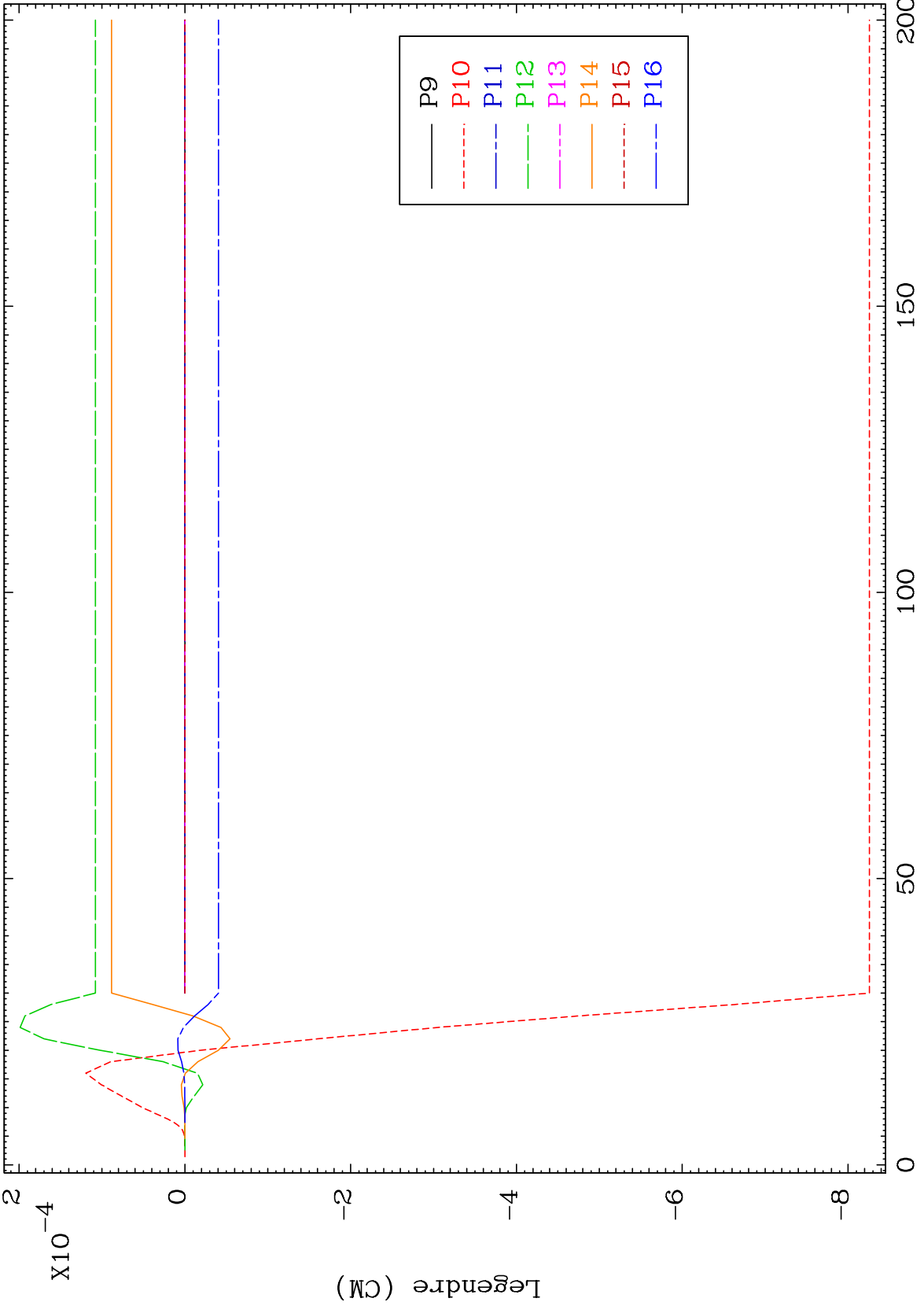


113

Incident Energy (MeV)

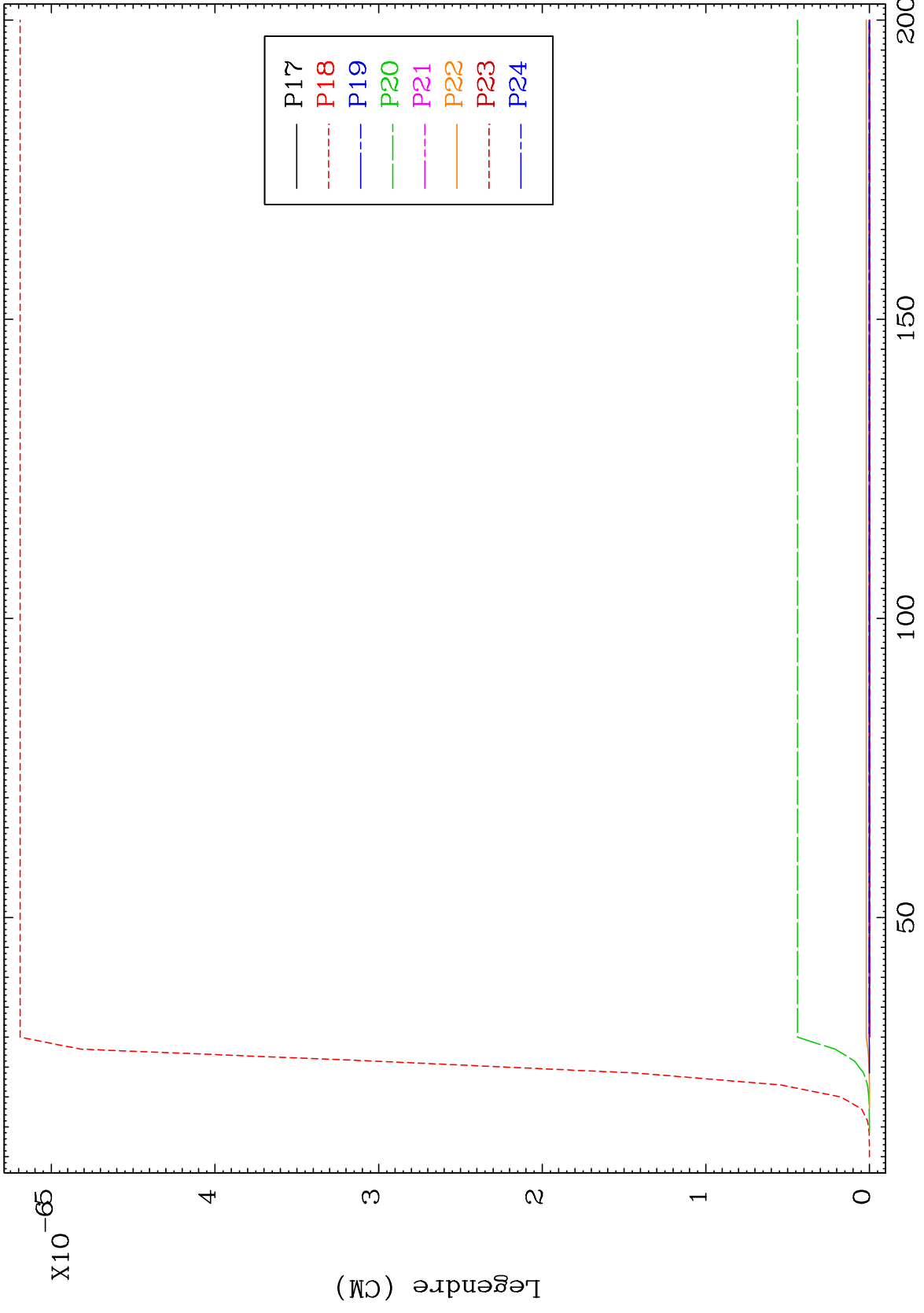
55-Cs-129

MAT 5513 MT= 75 (n,n') Level Legendre Coefficients 55-Cs-129



115 Incident Energy (MeV) 55-Cs-129

MAT 5513 MT= 75 (n,n') Level Legendre Coefficients 55-Cs-129

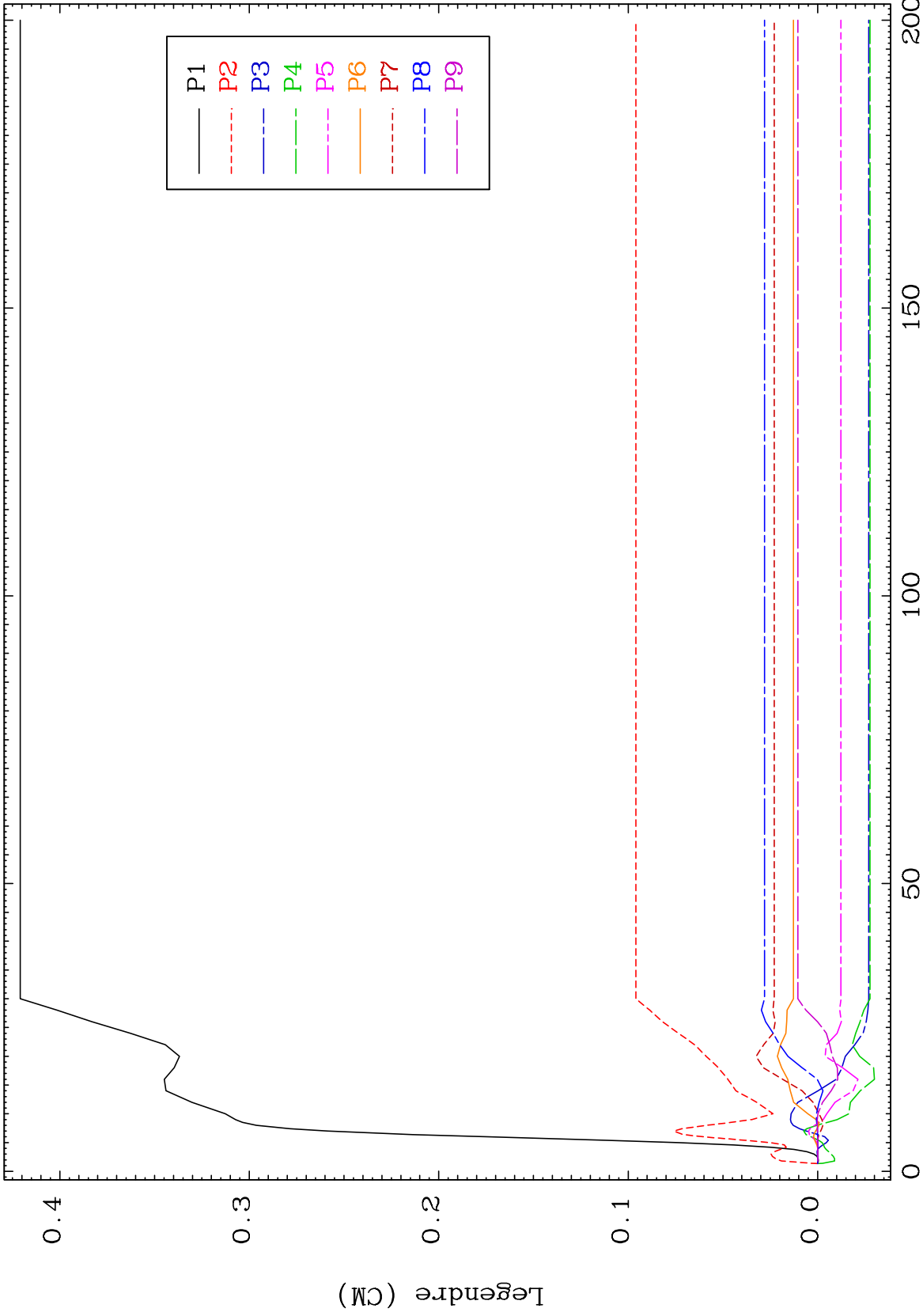


116 Incident Energy (MeV) 55-Cs-129

MAT 5513

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

55-Cs-129

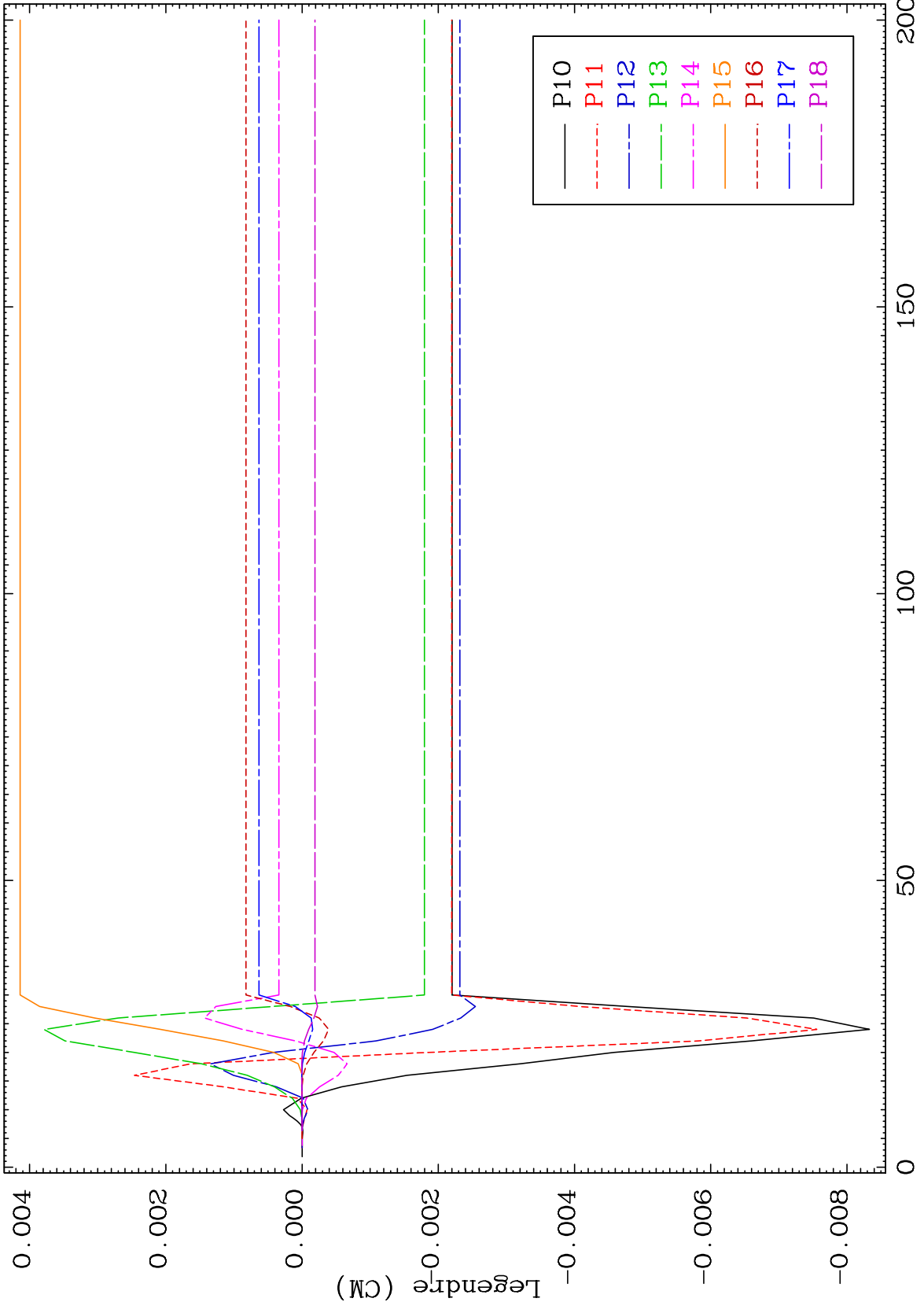


117

Incident Energy (MeV)

55-Cs-129

MAT 5513 MT= 76 (n,n') Level Legendre Coefficients 55-Cs-129

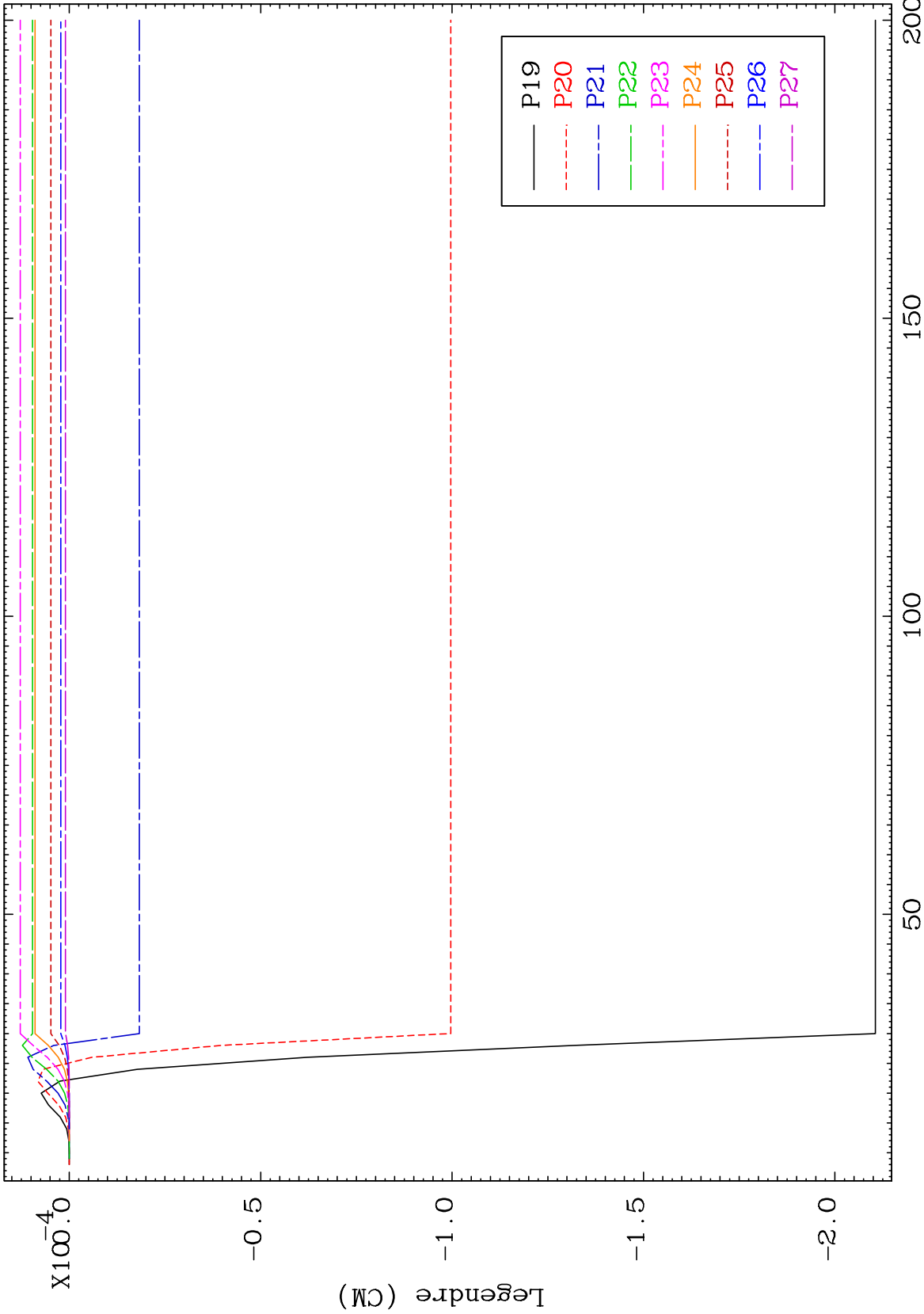


118 55-Cs-129

MAT 5513

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

55-Cs-129



119

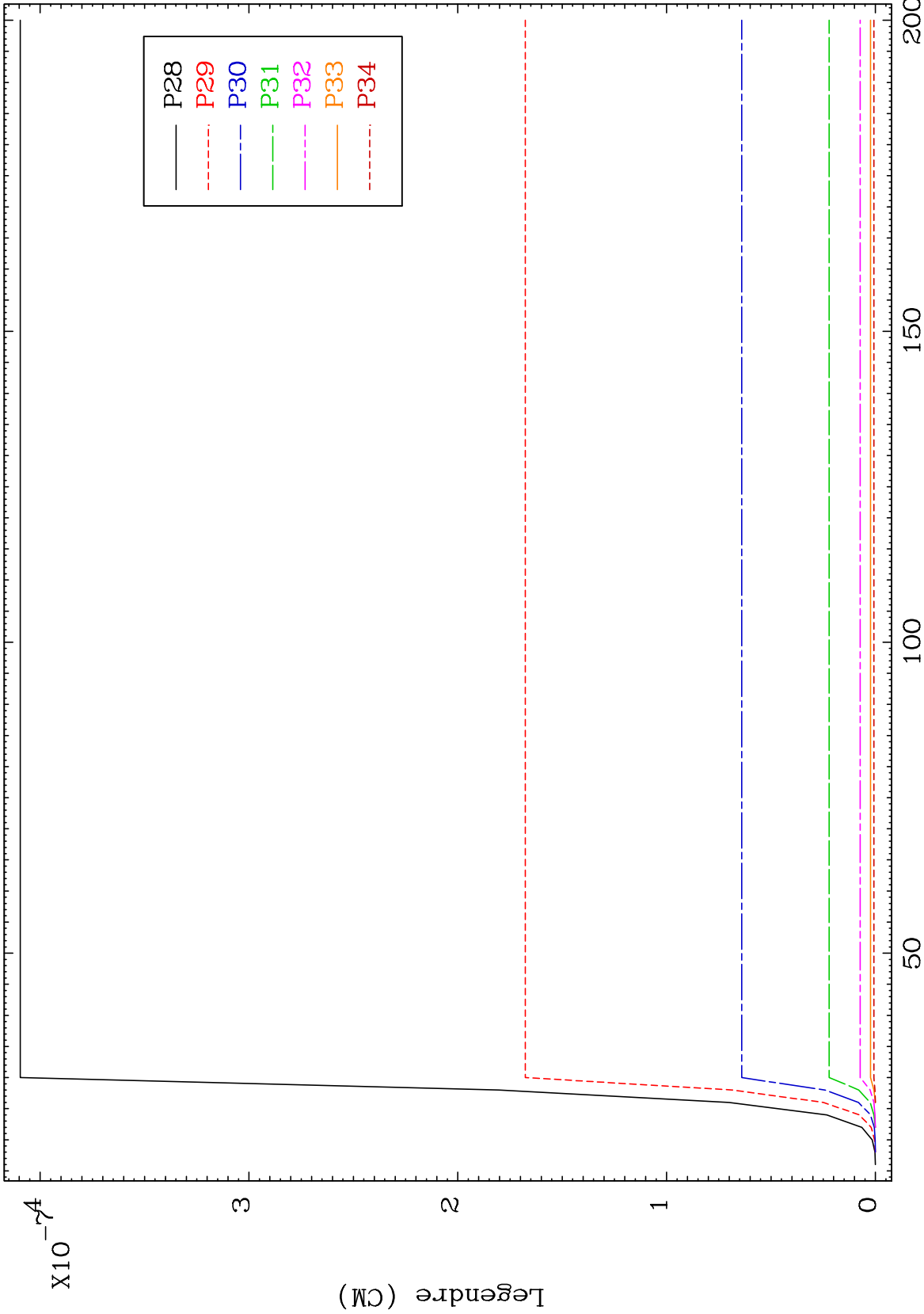
Incident Energy (MeV)

55-Cs-129

MAT 5513

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

55-Cs-129

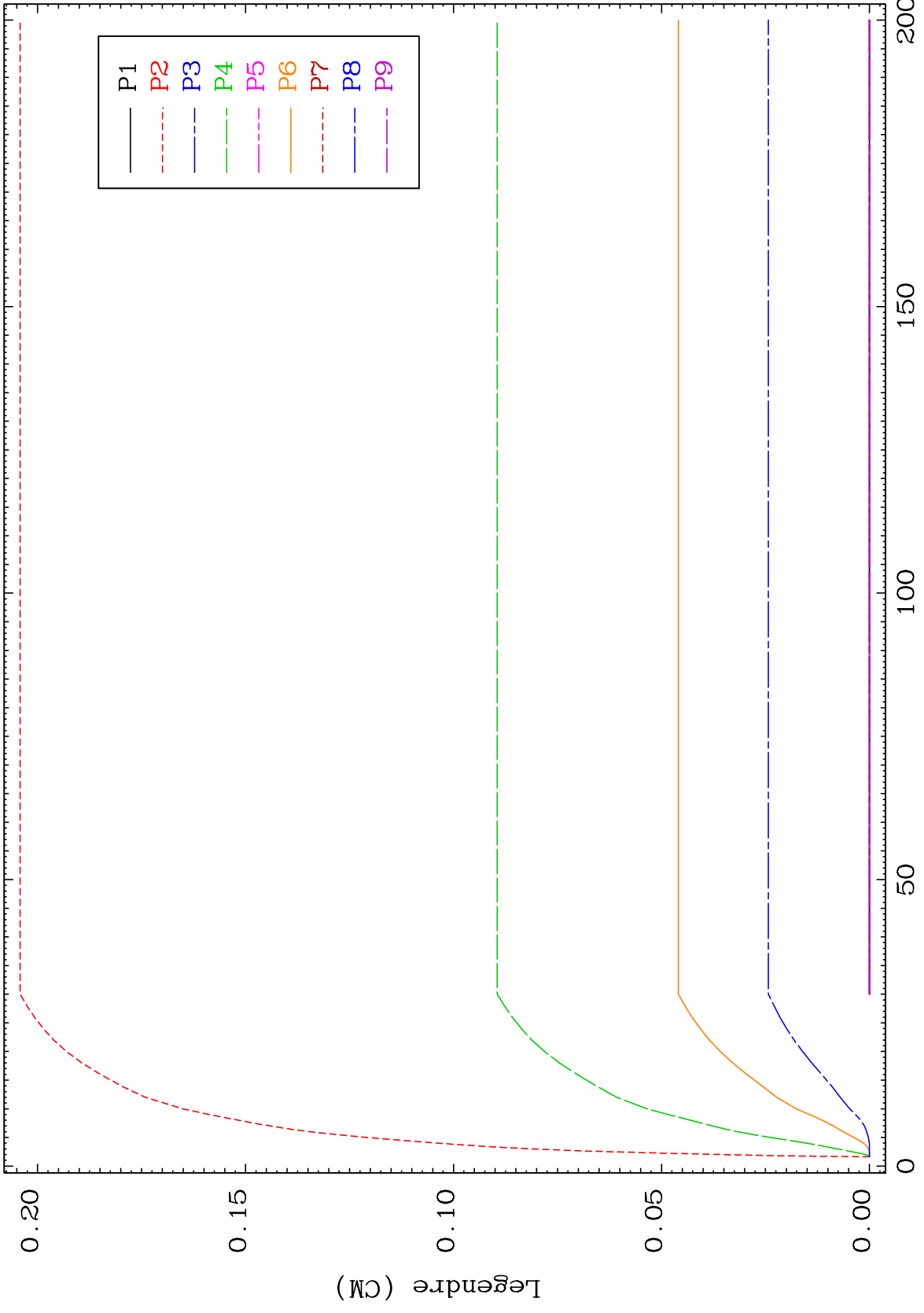


120

Incident Energy (MeV)

55-Cs-129

MAT 5513 MT= 77 (n,n') Level Legendre Coefficients 55-Cs-129

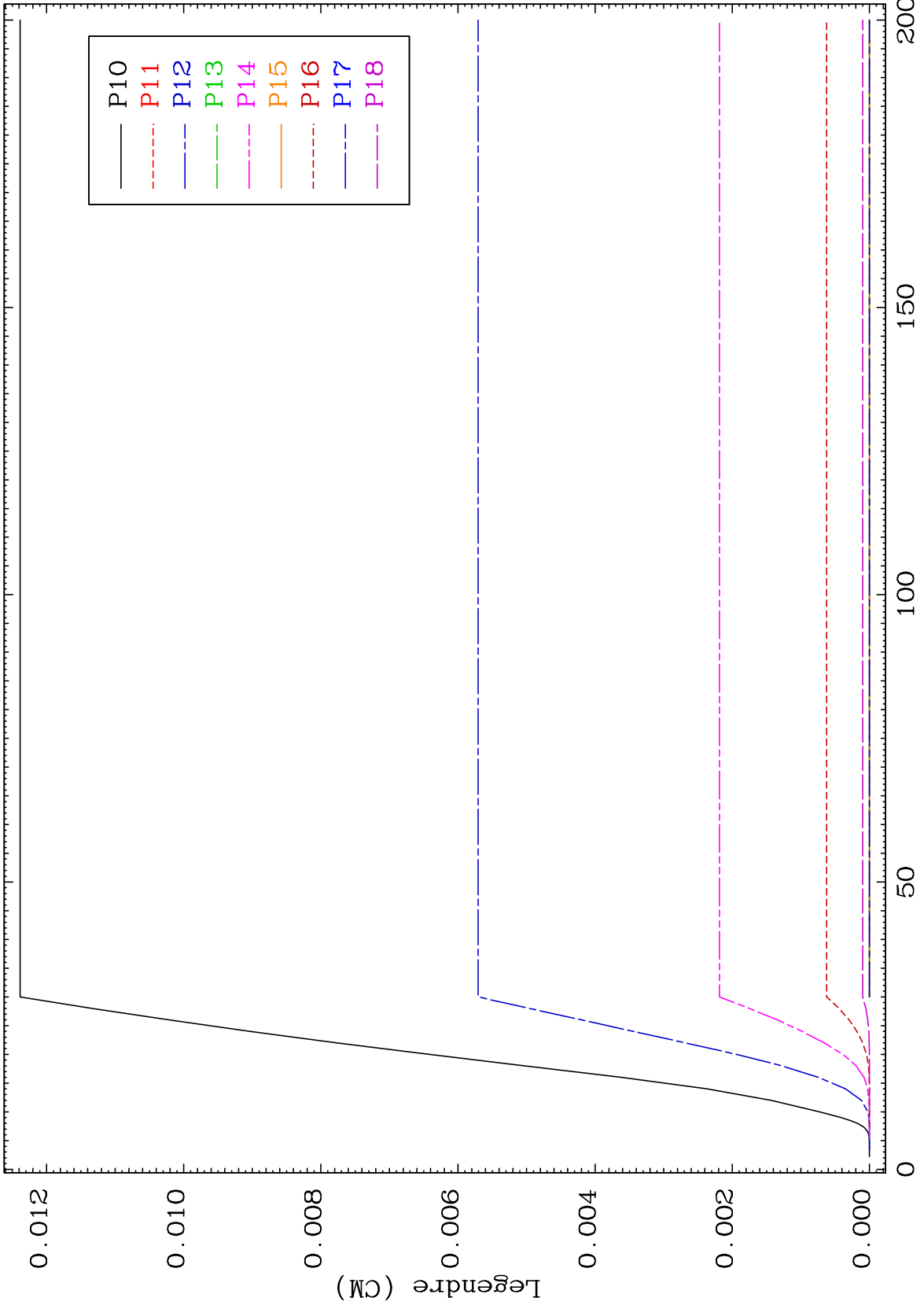


121 55-Cs-129

MAT 5513

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

55-Cs-129

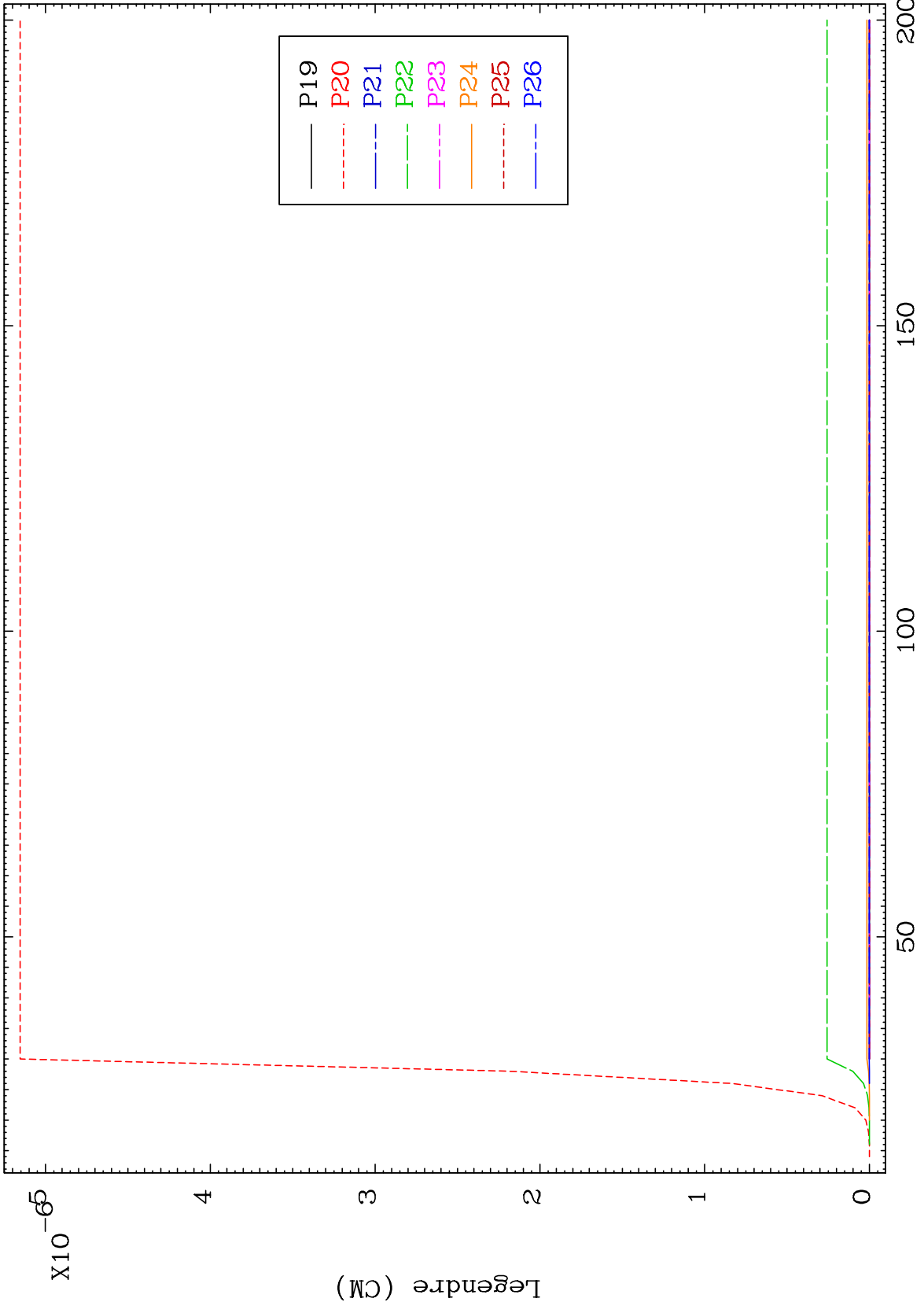


122

Incident Energy (MeV)

55-Cs-129

MAT 5513 MT= 77 (n,n') Level Legendre Coefficients 55-Cs-129

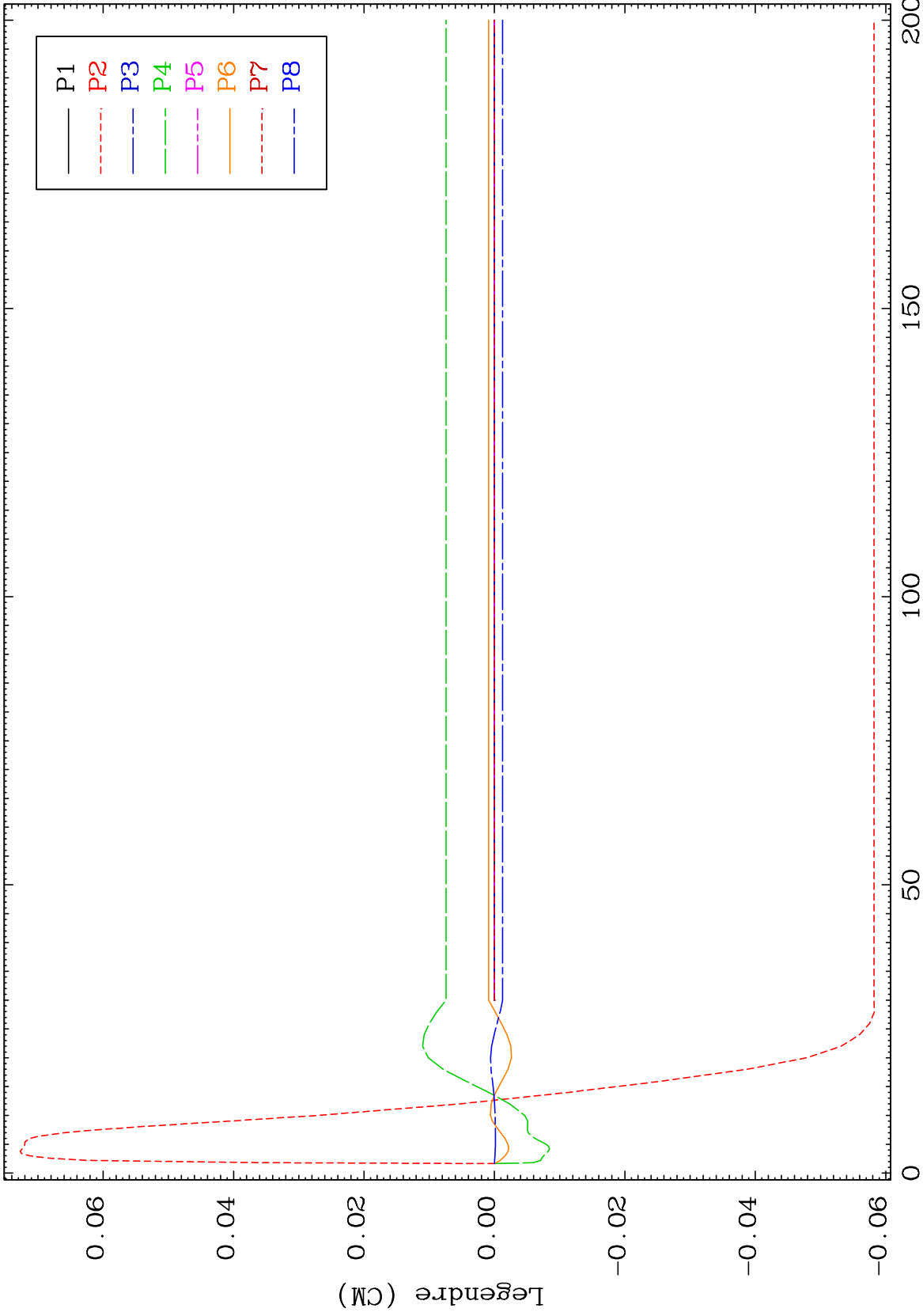


123 Incident Energy (MeV) 55-Cs-129

MAT 5513

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

55-Cs-129

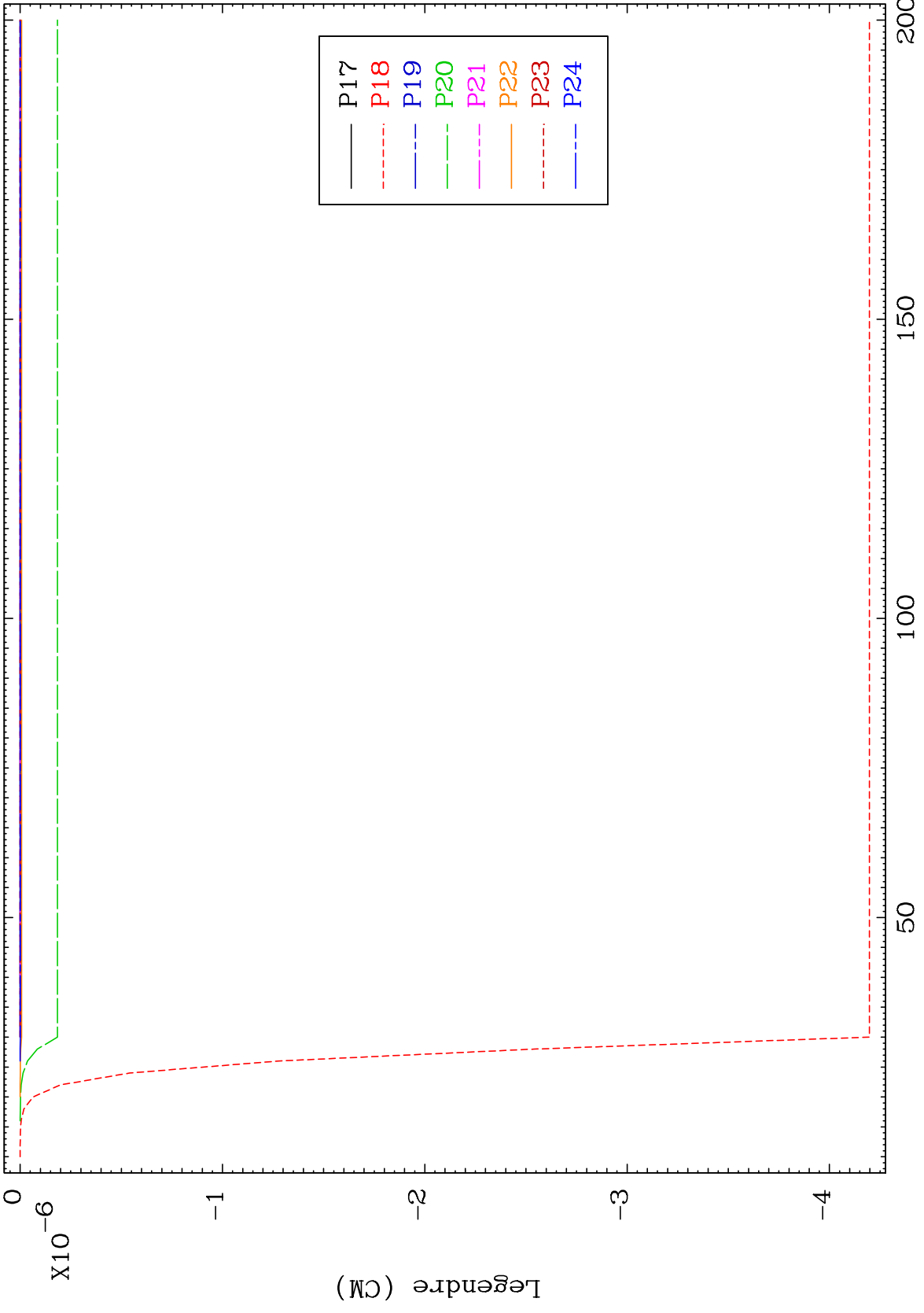


124

Incident Energy (MeV)

55-Cs-129

MAT 5513 MT= 78 (n,n') Level Legendre Coefficients 55-Cs-129

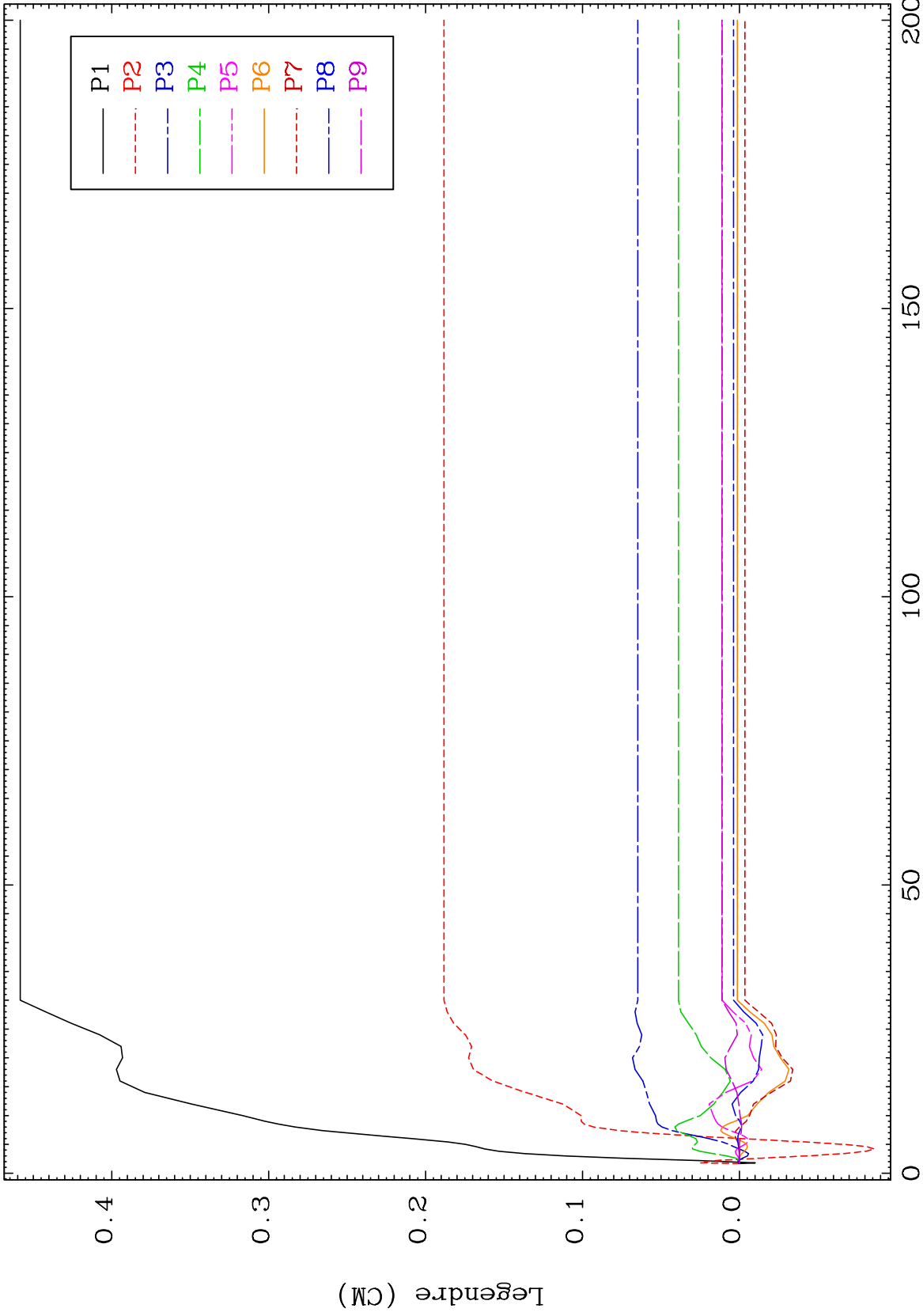


126 55-Cs-129

MAT 5513

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

55-Cs-129



55-Cs-129

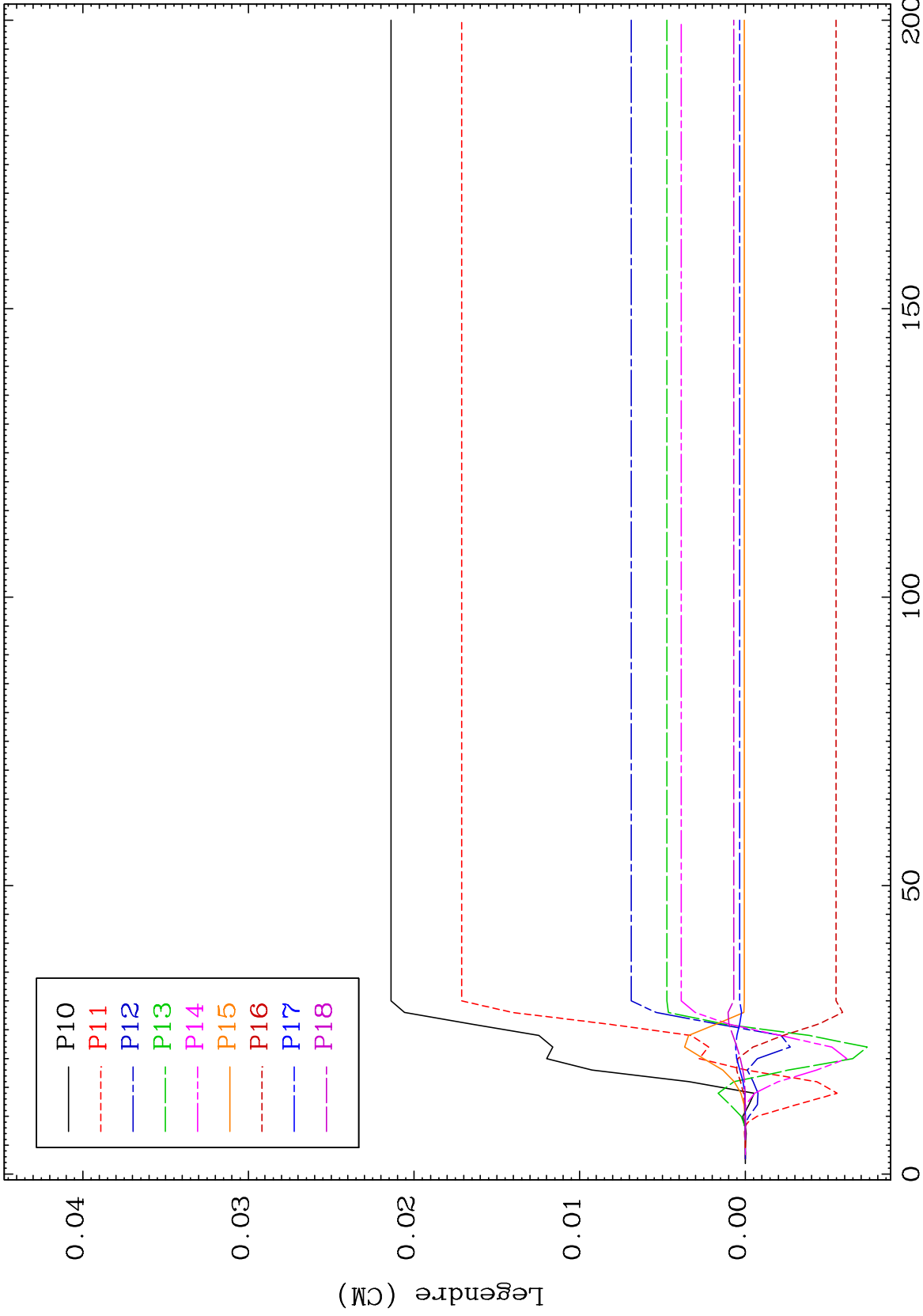
Incident Energy (MeV)

127

MAT 5513

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

55-Cs-129

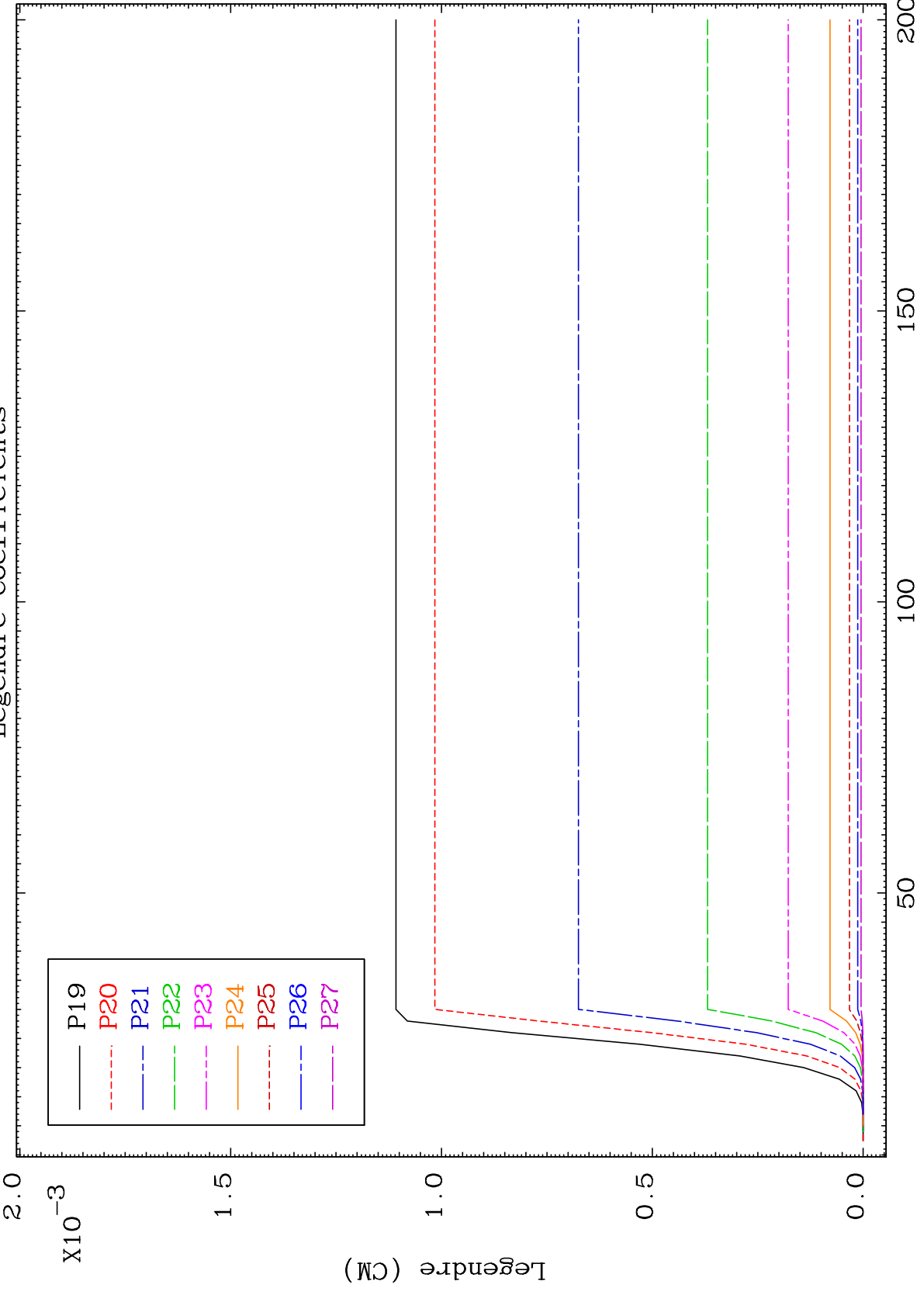


128

Incident Energy (MeV)

55-Cs-129

MAT 5513 MT= 79 (n,n') Level Legendre Coefficients 55-Cs-129

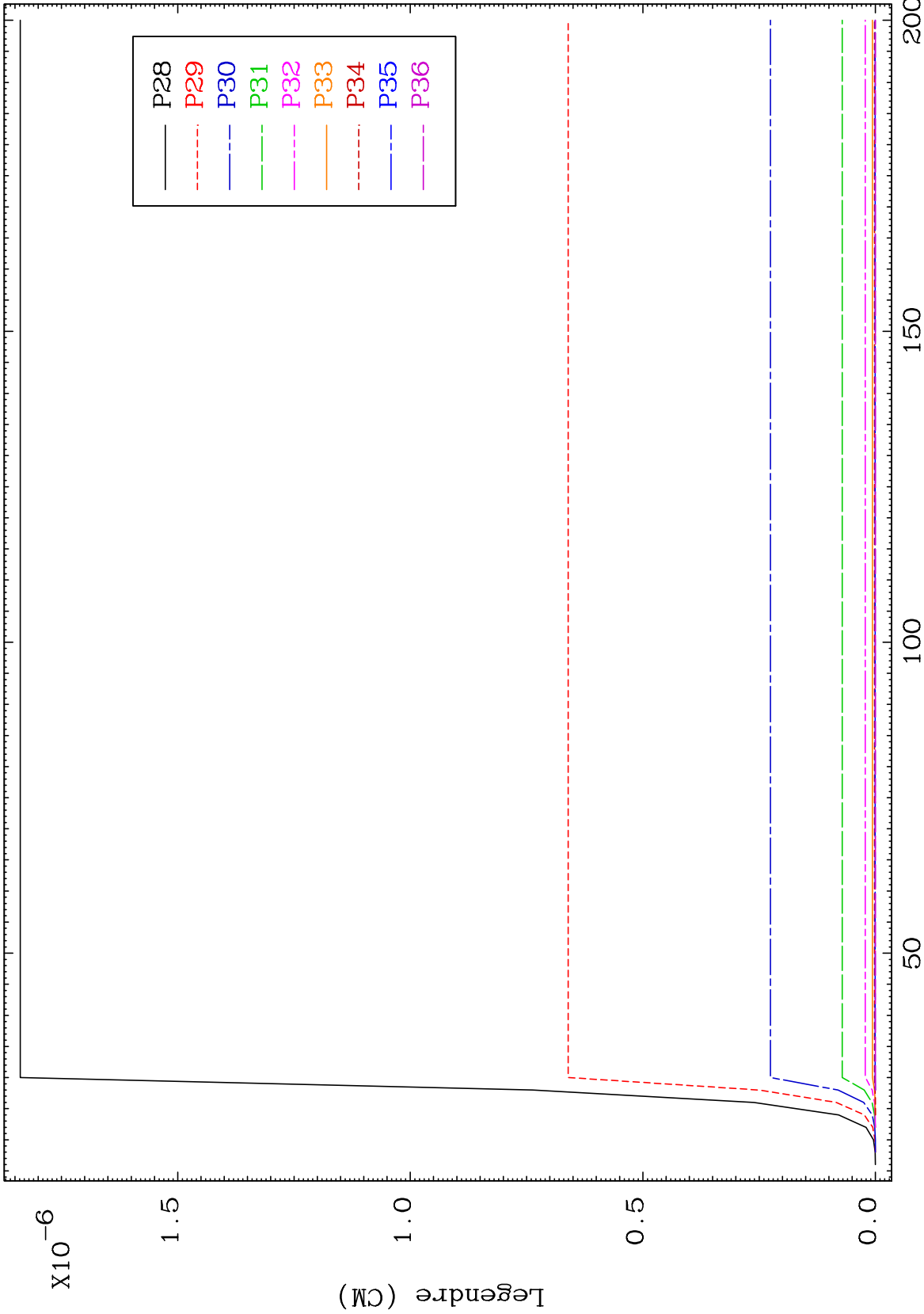


129 Incident Energy (MeV) 55-Cs-129

MAT 5513

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

55-Cs-129

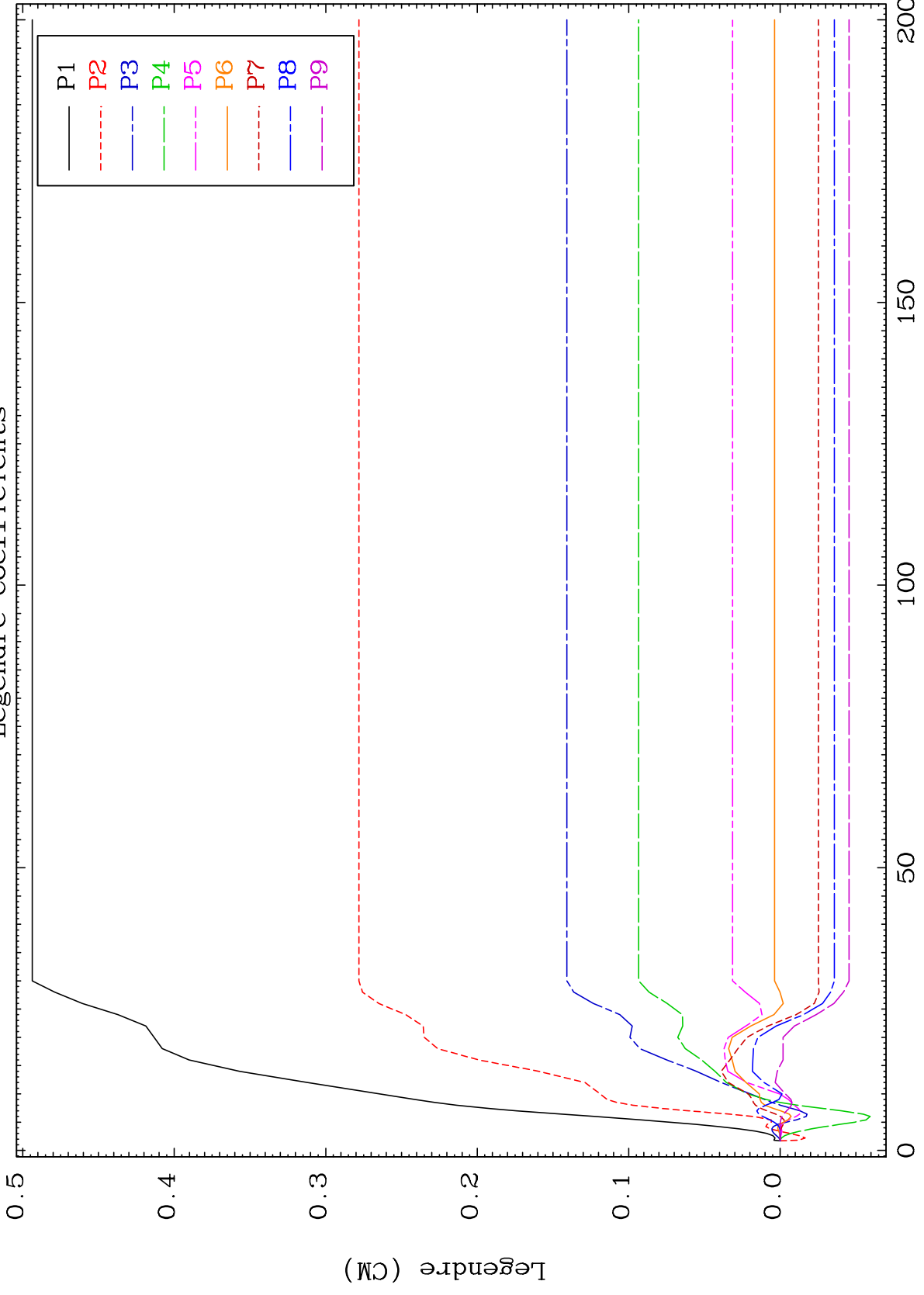


130

Incident Energy (MeV)

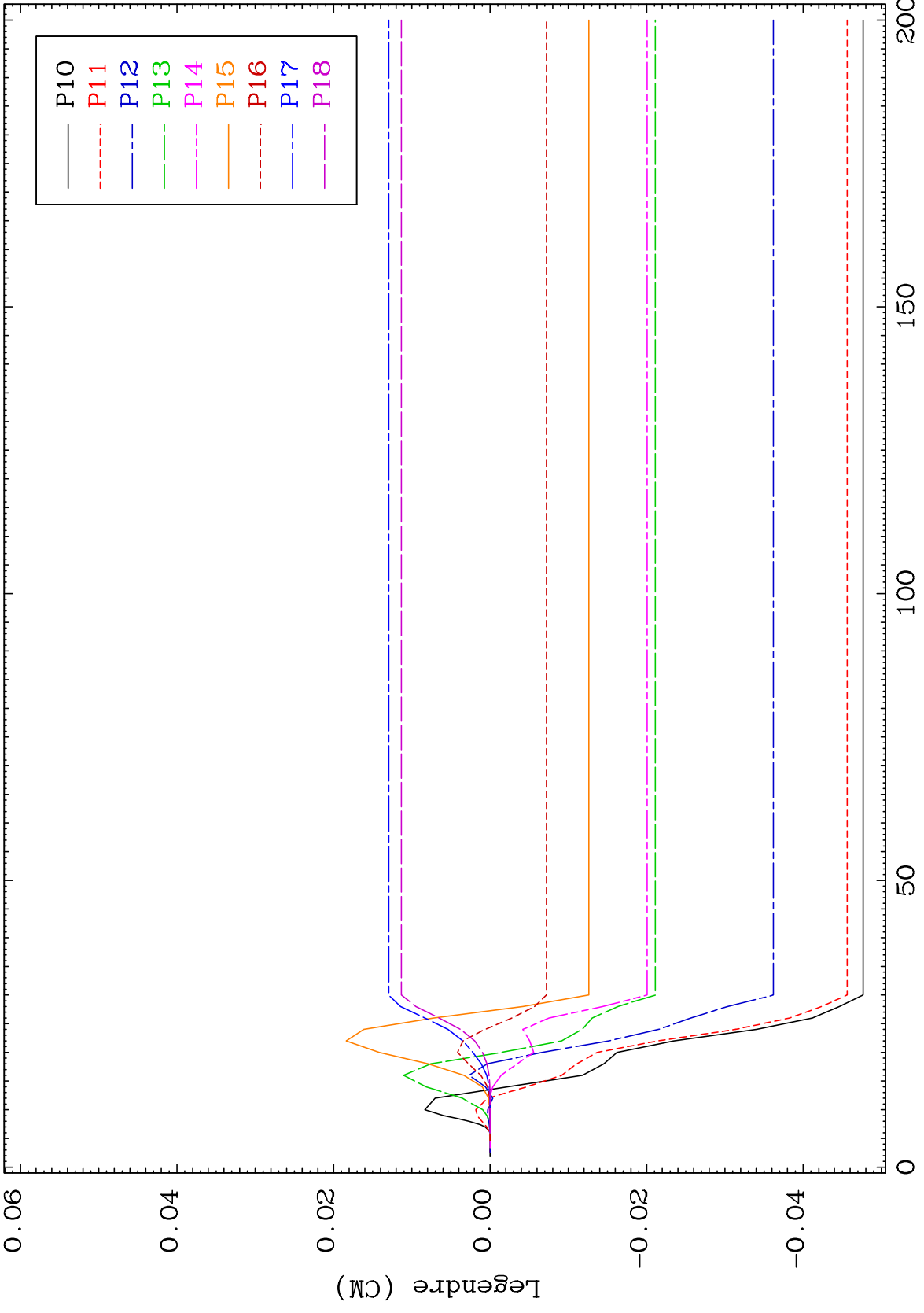
55-Cs-129

MAT 5513 MT= 80 (n,n') Level Legendre Coefficients 55-Cs-129



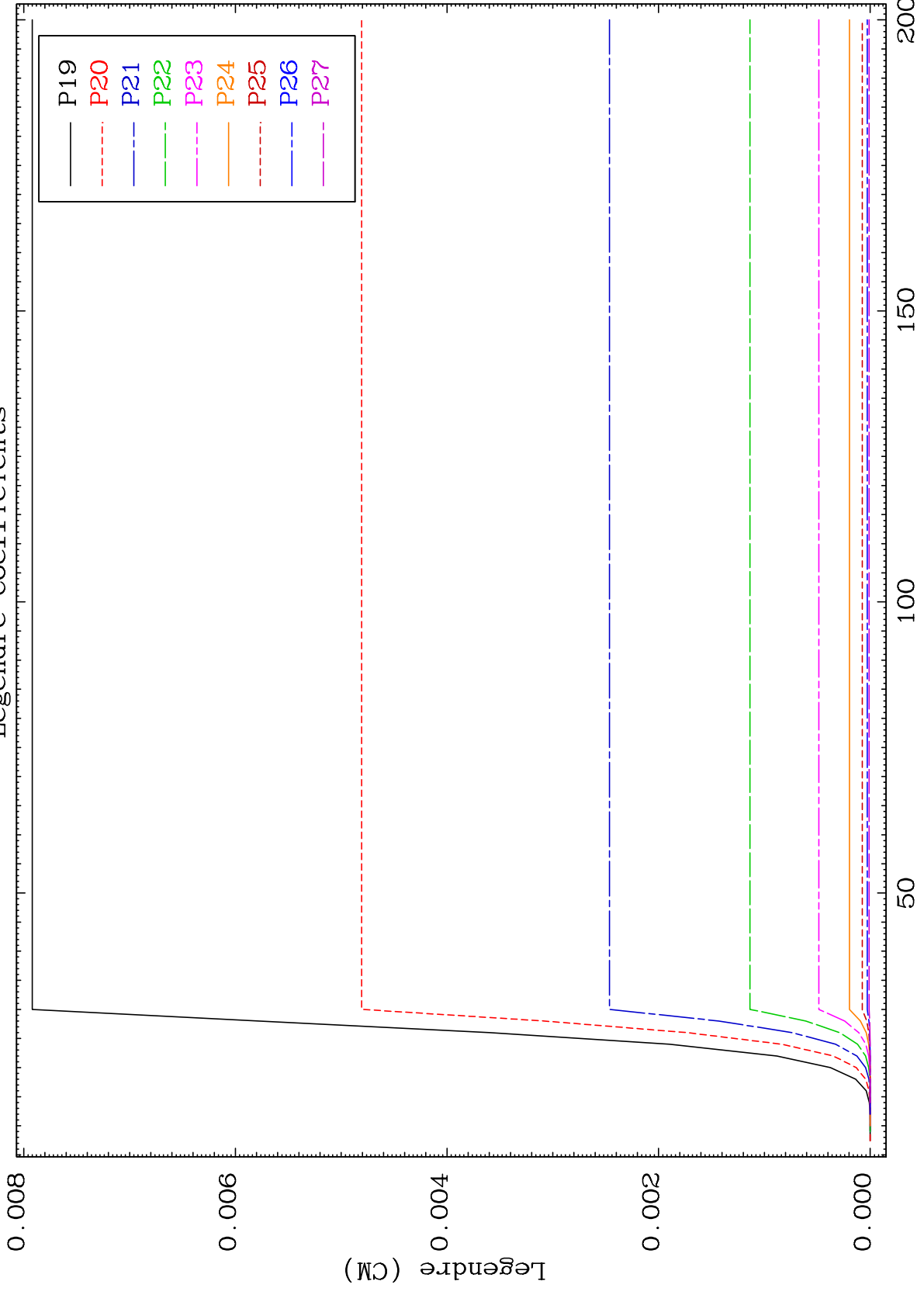
131 55-Cs-129

MAT 5513 MT= 80 (n,n') Level Legendre Coefficients 55-Cs-129



132 Incident Energy (MeV) 55-Cs-129

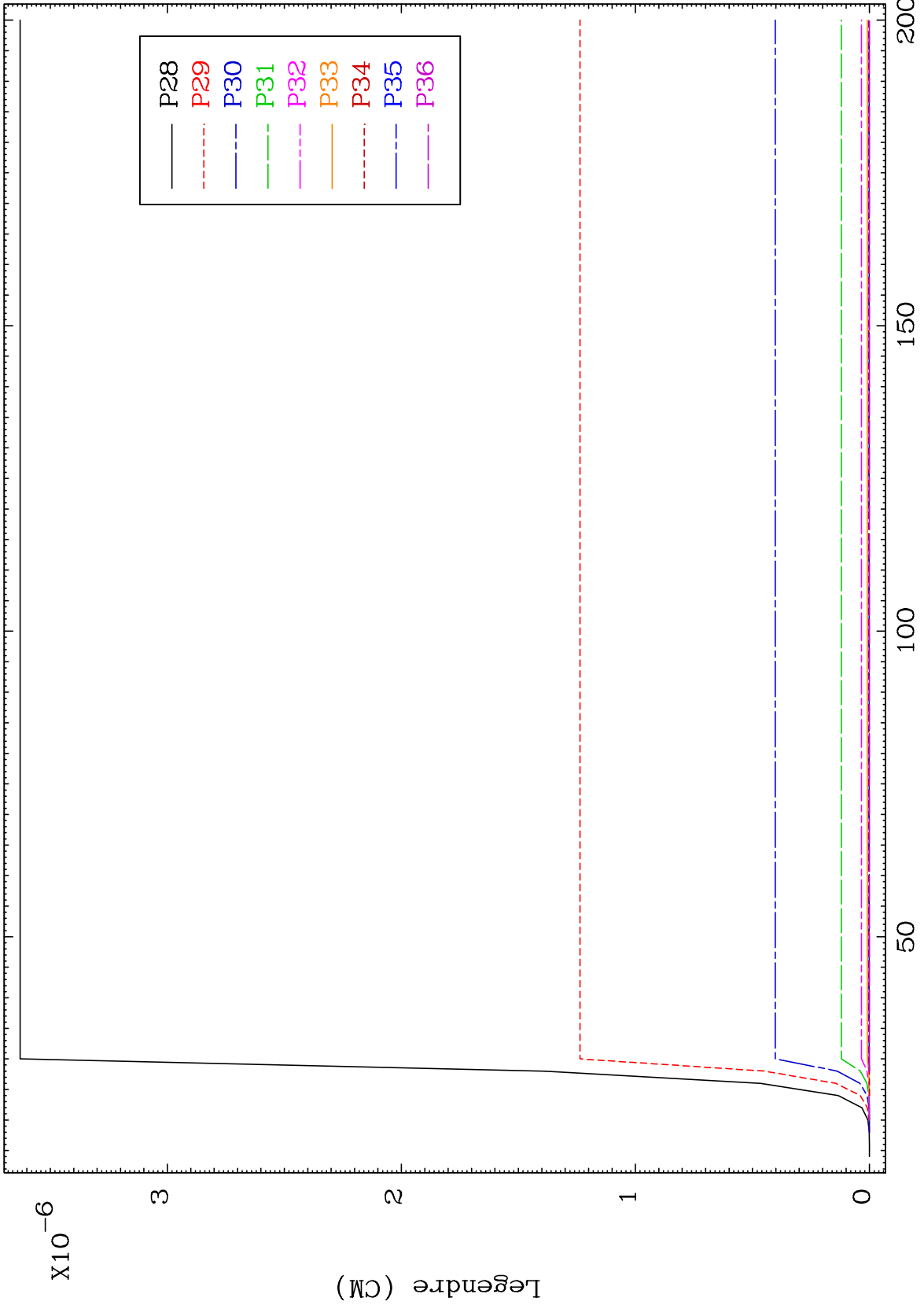
MAT 5513 MT= 80 (n,n') Level Legendre Coefficients 55-Cs-129



MAT 5513

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

55-Cs-129



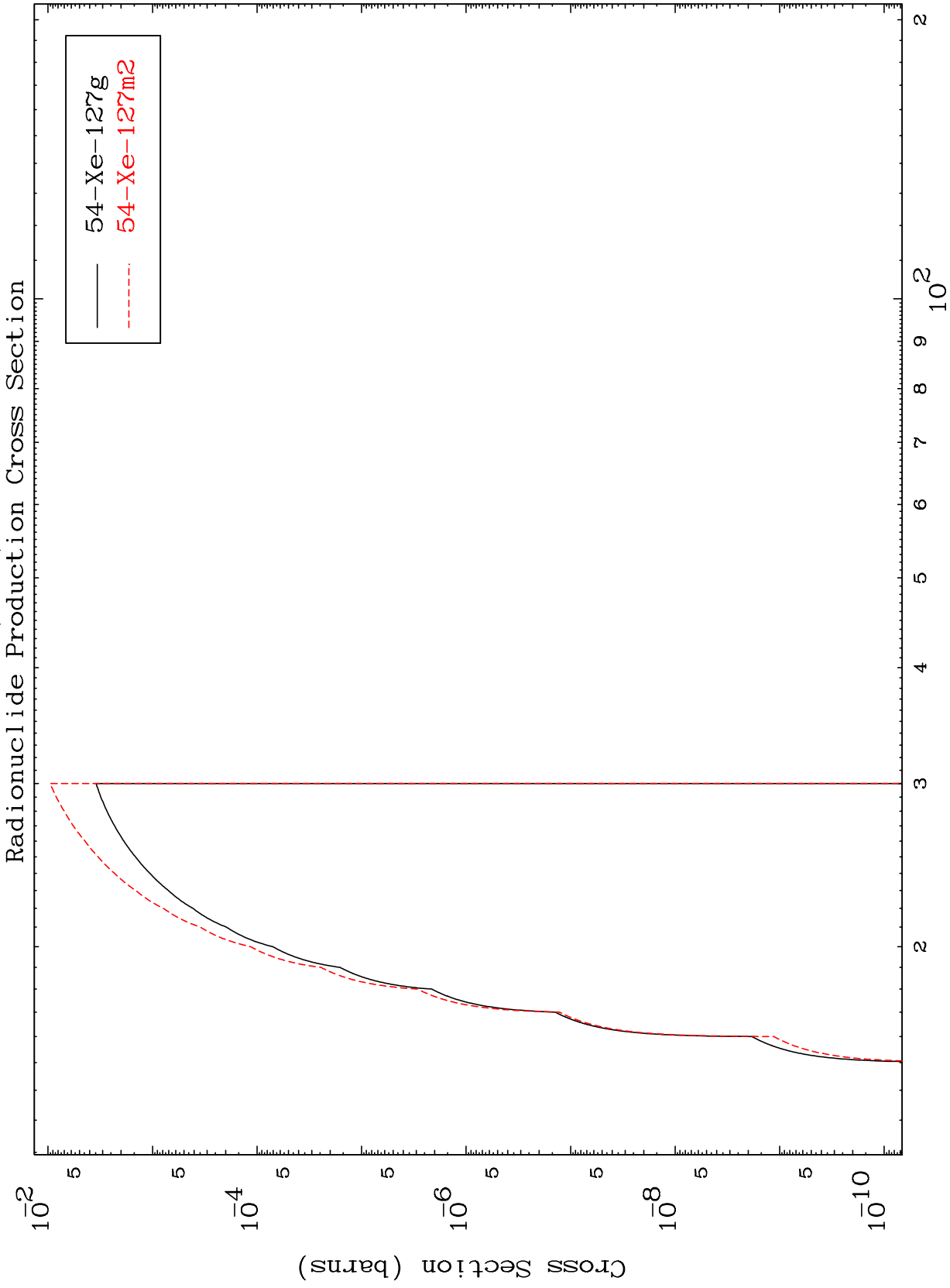
134

55-Cs-129

MAT 5513

(n,n') d

55-Cs-129



135

Incident Energy (MeV)

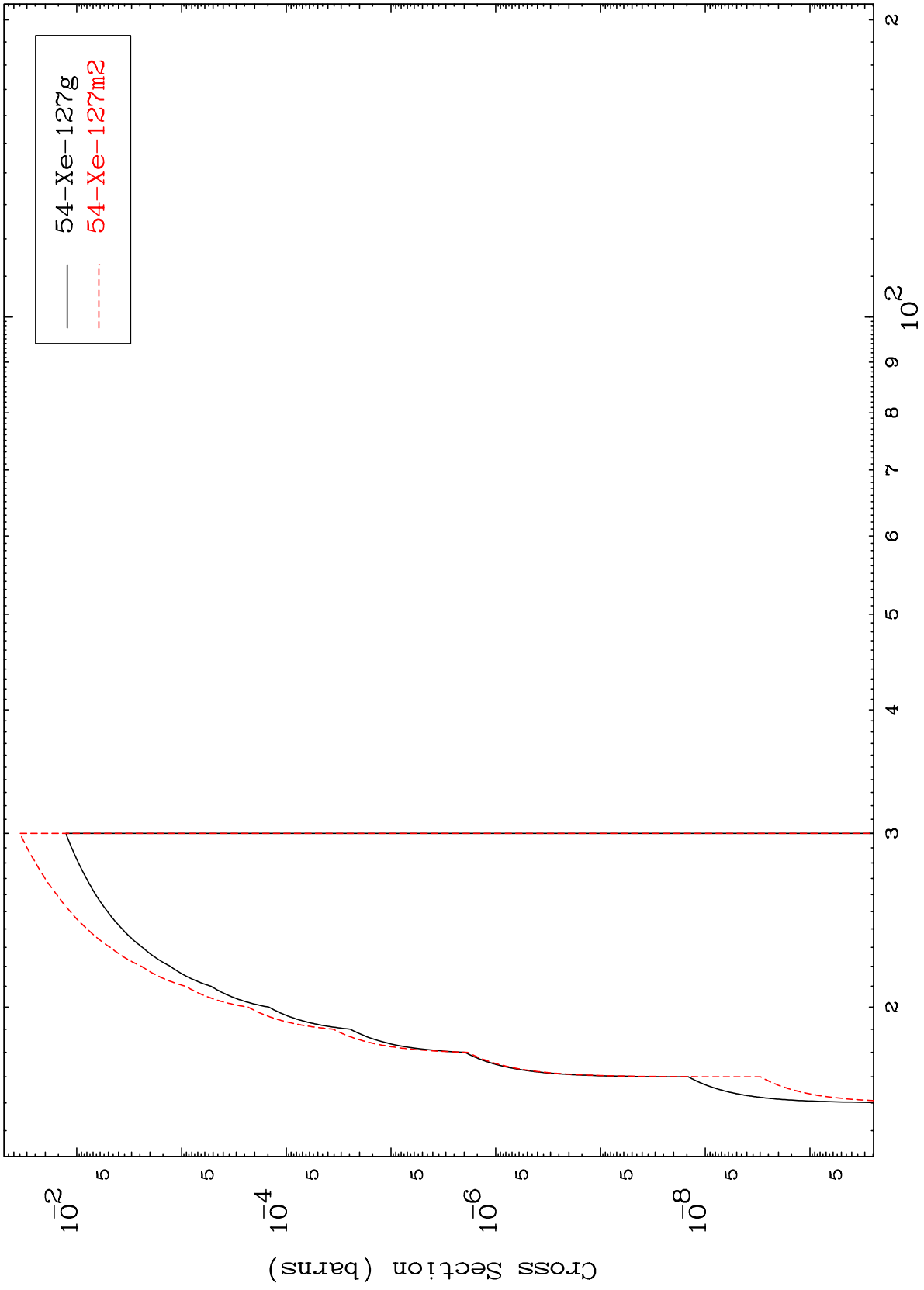
55-Cs-129

MAT 5513

(n,2n) p

55-Cs-129

Radionuclide Production Cross Section



136

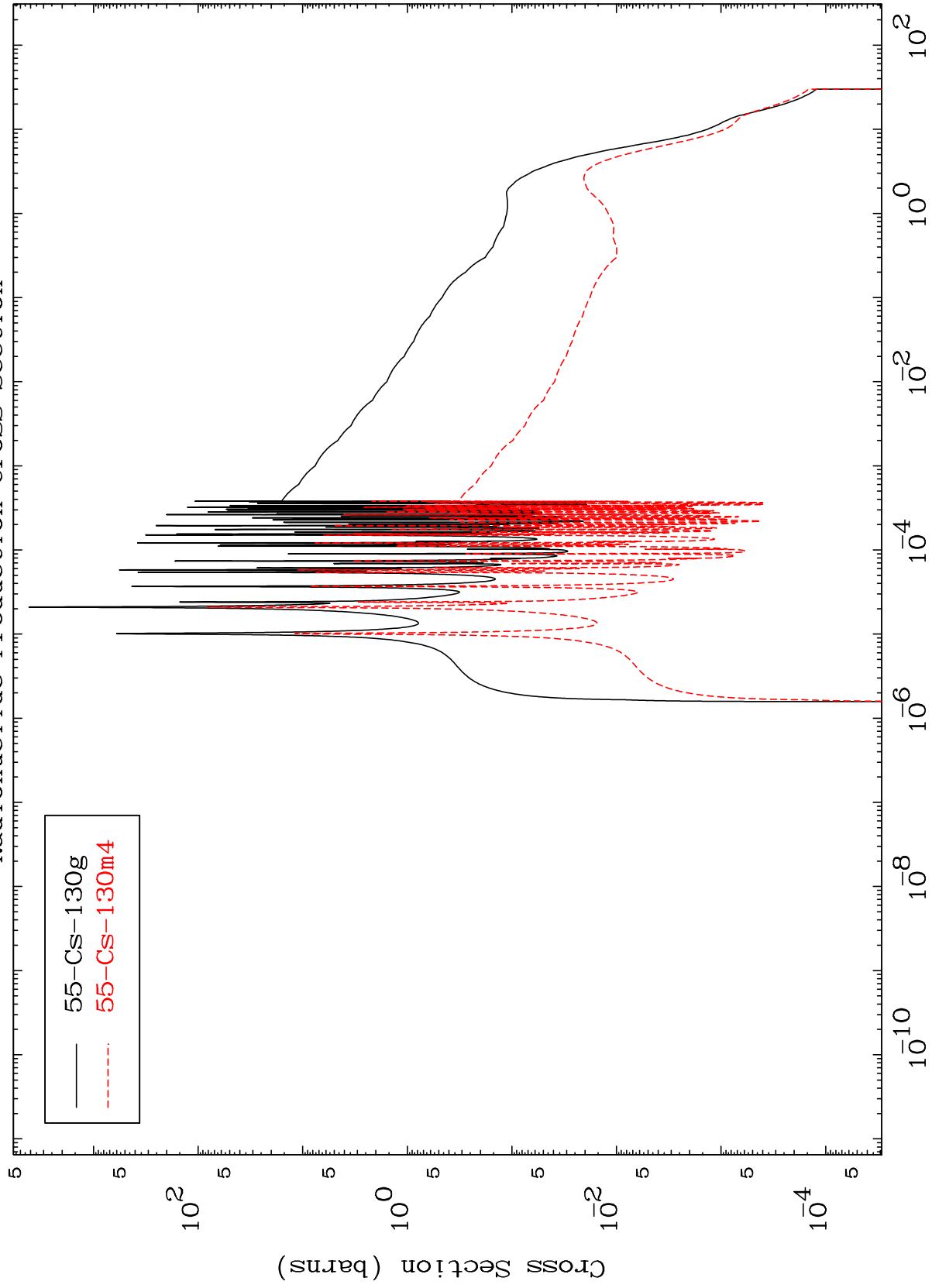
Incident Energy (MeV)

55-Cs-129

MAT 5513

55-Cs-129

(n,γ)
Radionuclide Production Cross Section



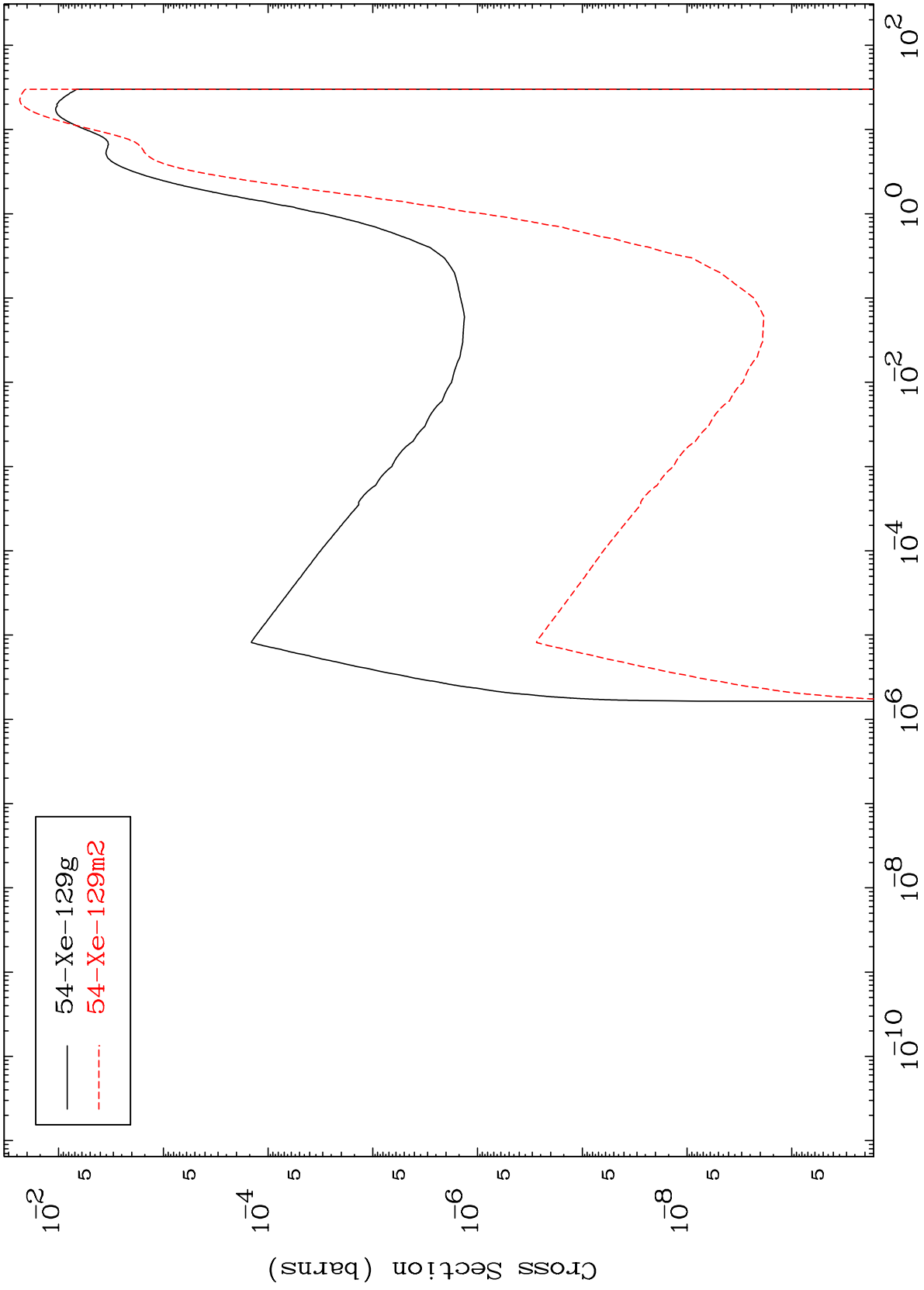
137

55-Cs-129

MAT 5513

(n,p)
Radionuclide Production Cross Section

55-Cs-129



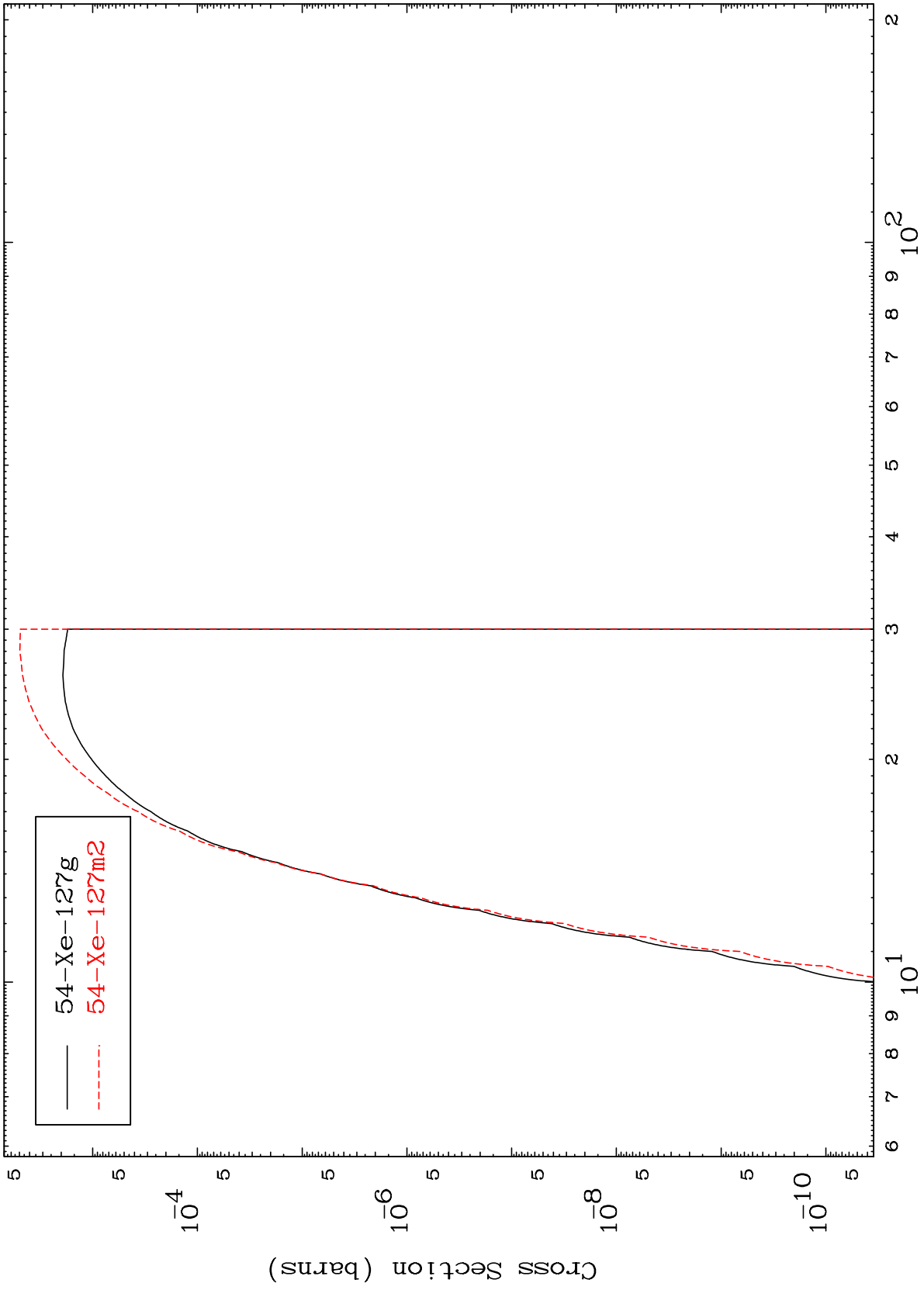
138

55-Cs-129

MAT 5513

55-Cs-129

(n, t)
Radionuclide Production Cross Section



139

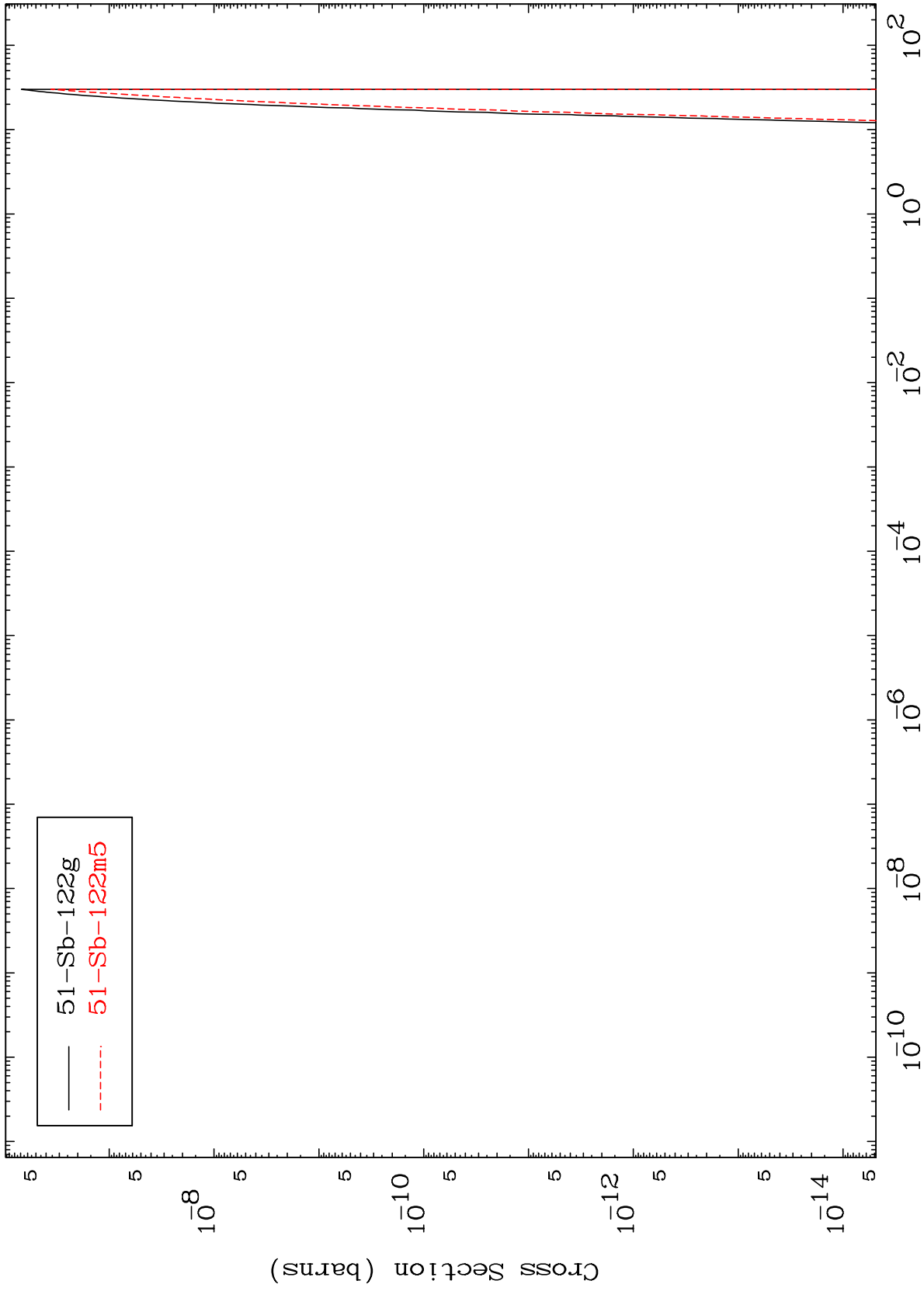
55-Cs-129

MAT 5513

(n,2α)

55-Cs-129

Radionuclide Production Cross Section



140

Incident Energy (MeV)

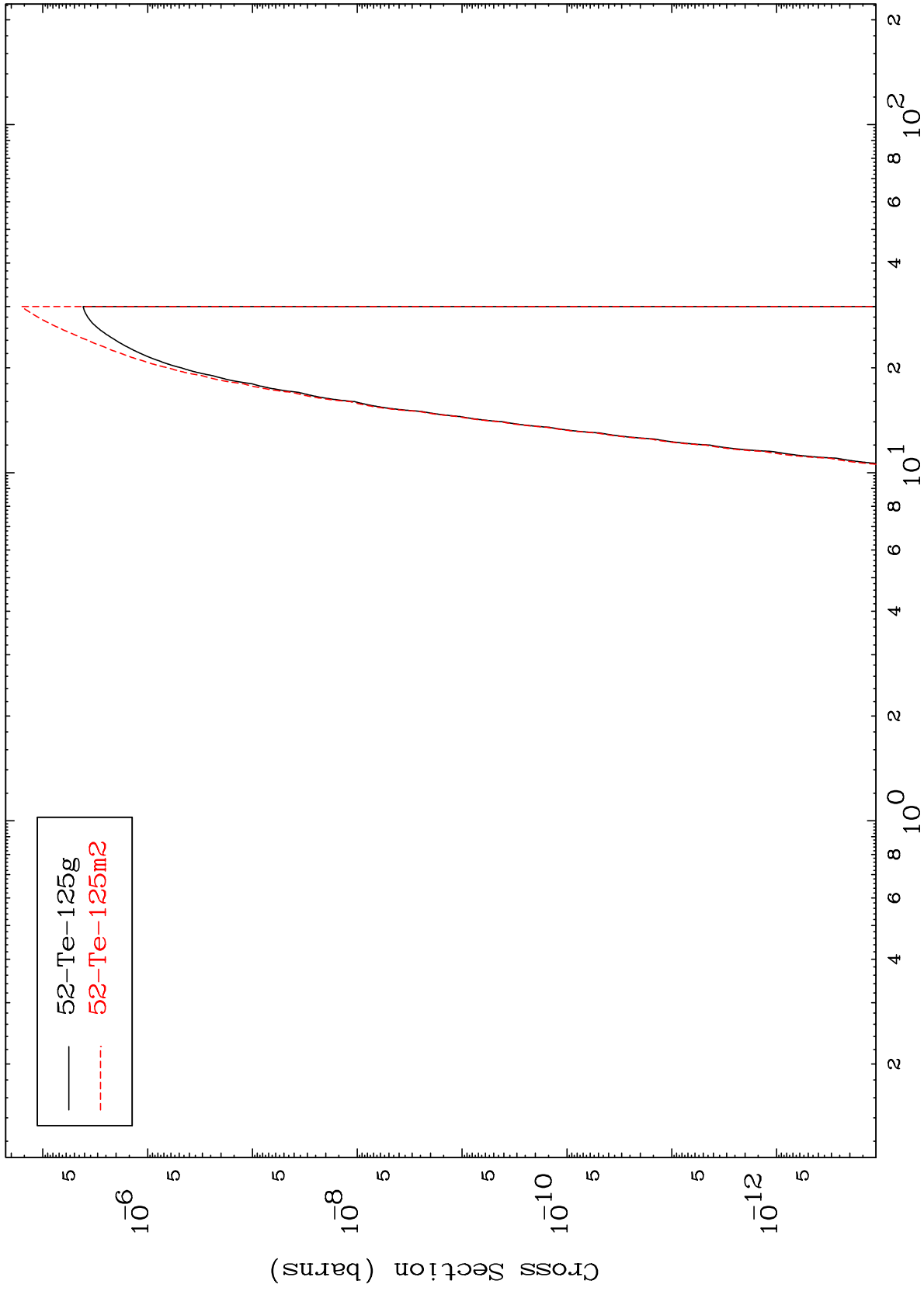
55-Cs-129

MAT 5513

(n,p) α

55-Cs-129

Radionuclide Production Cross Section



141

Incident Energy (MeV)

55-Cs-129