

Program EVALPLOT
(Version 2018-1)

by

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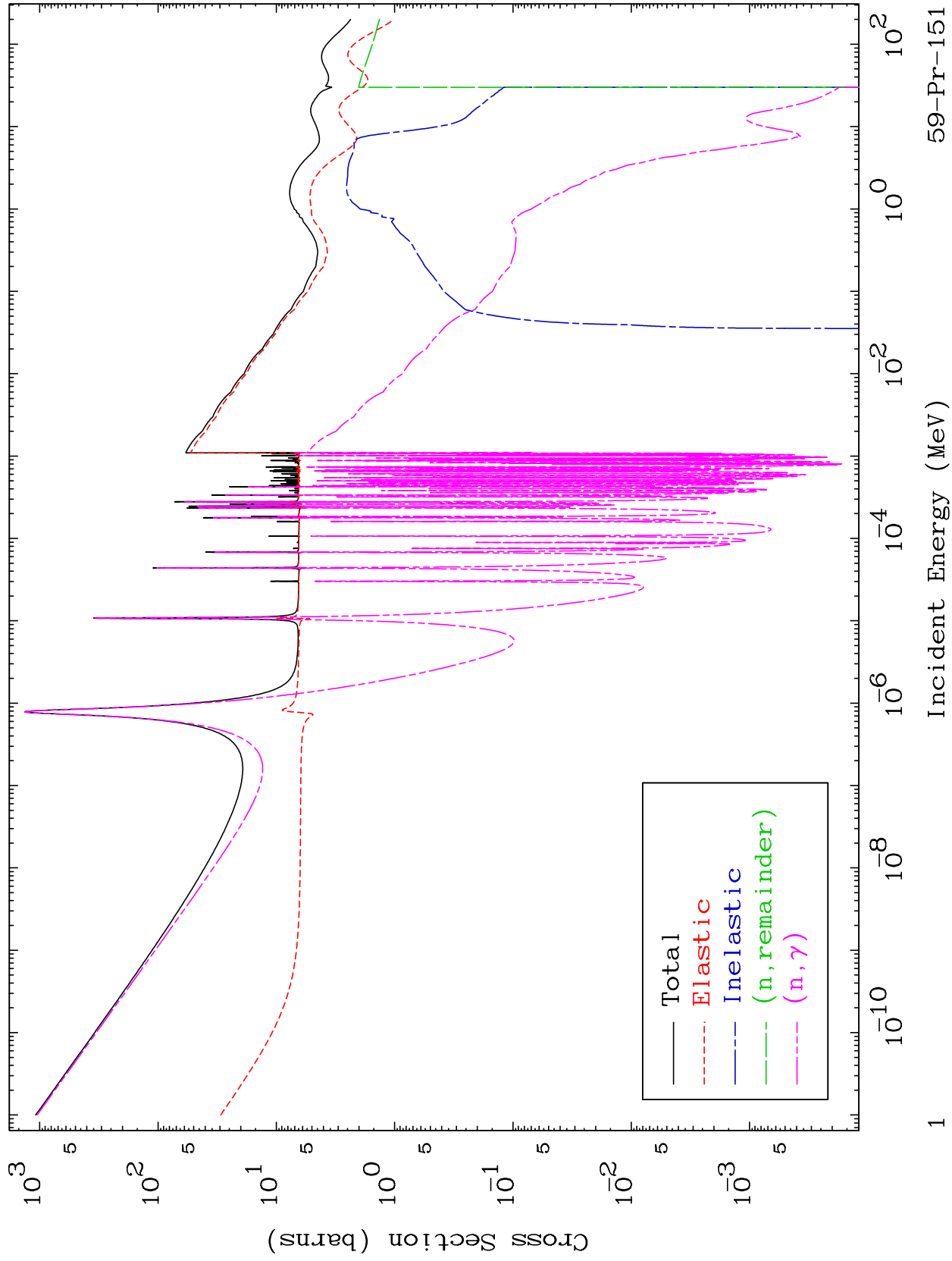
Press Mouse Button to Start

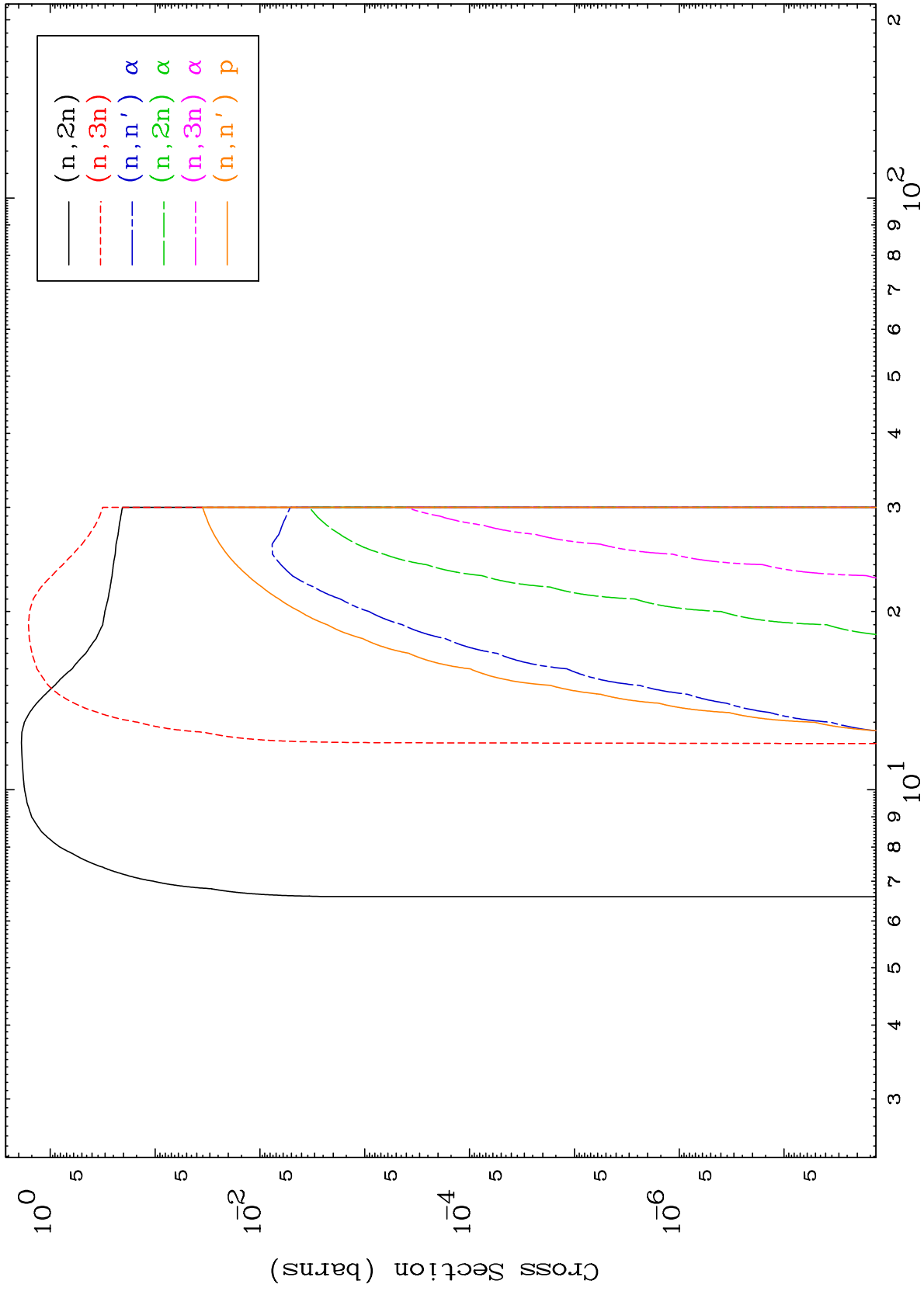
MAT 5955

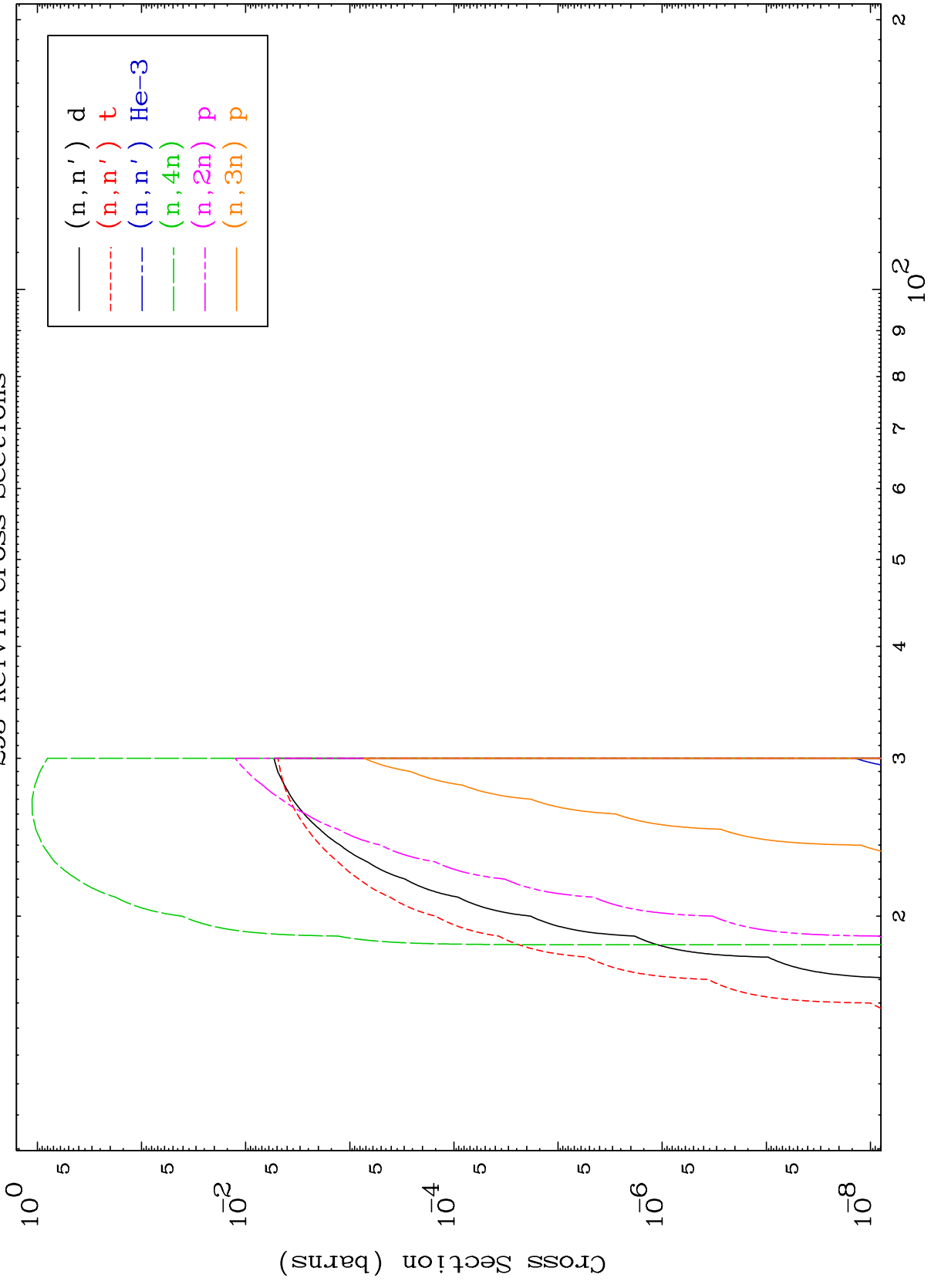
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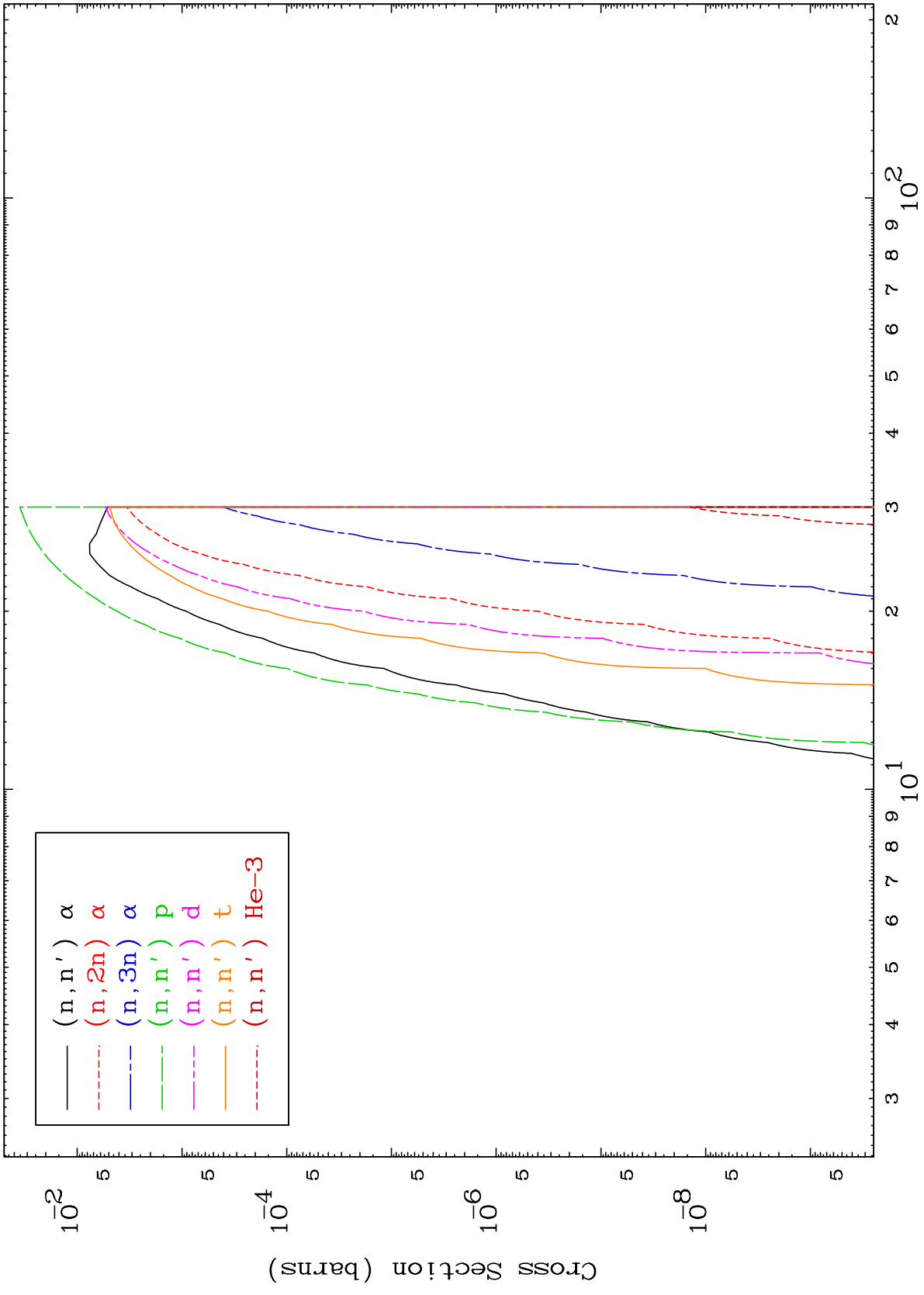
293 Kelvin Cross Sections

59-Pr-151





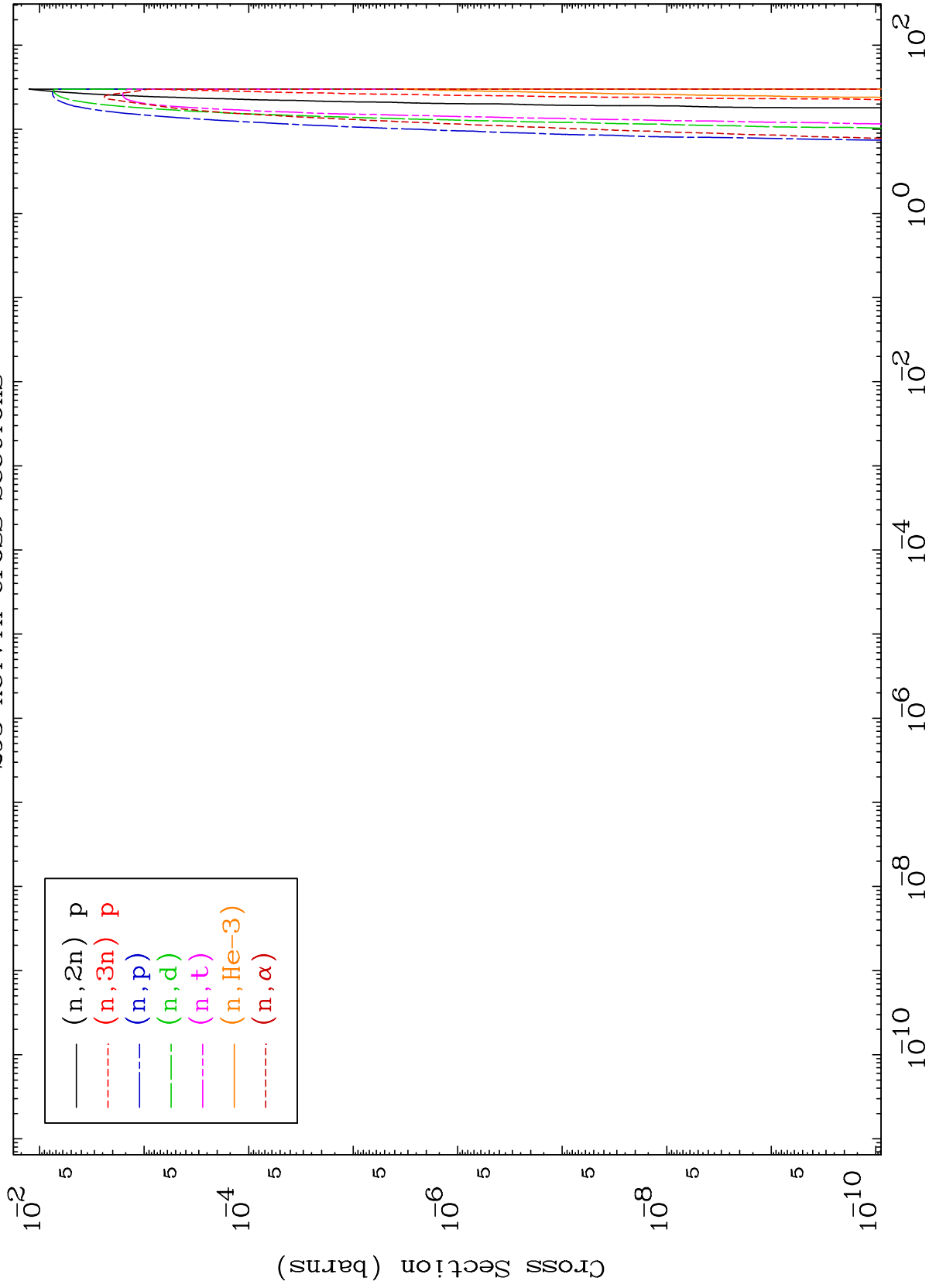




MAT 5955

Charged Particle
293 Kelvin Cross Sections

59-Pr-151



5

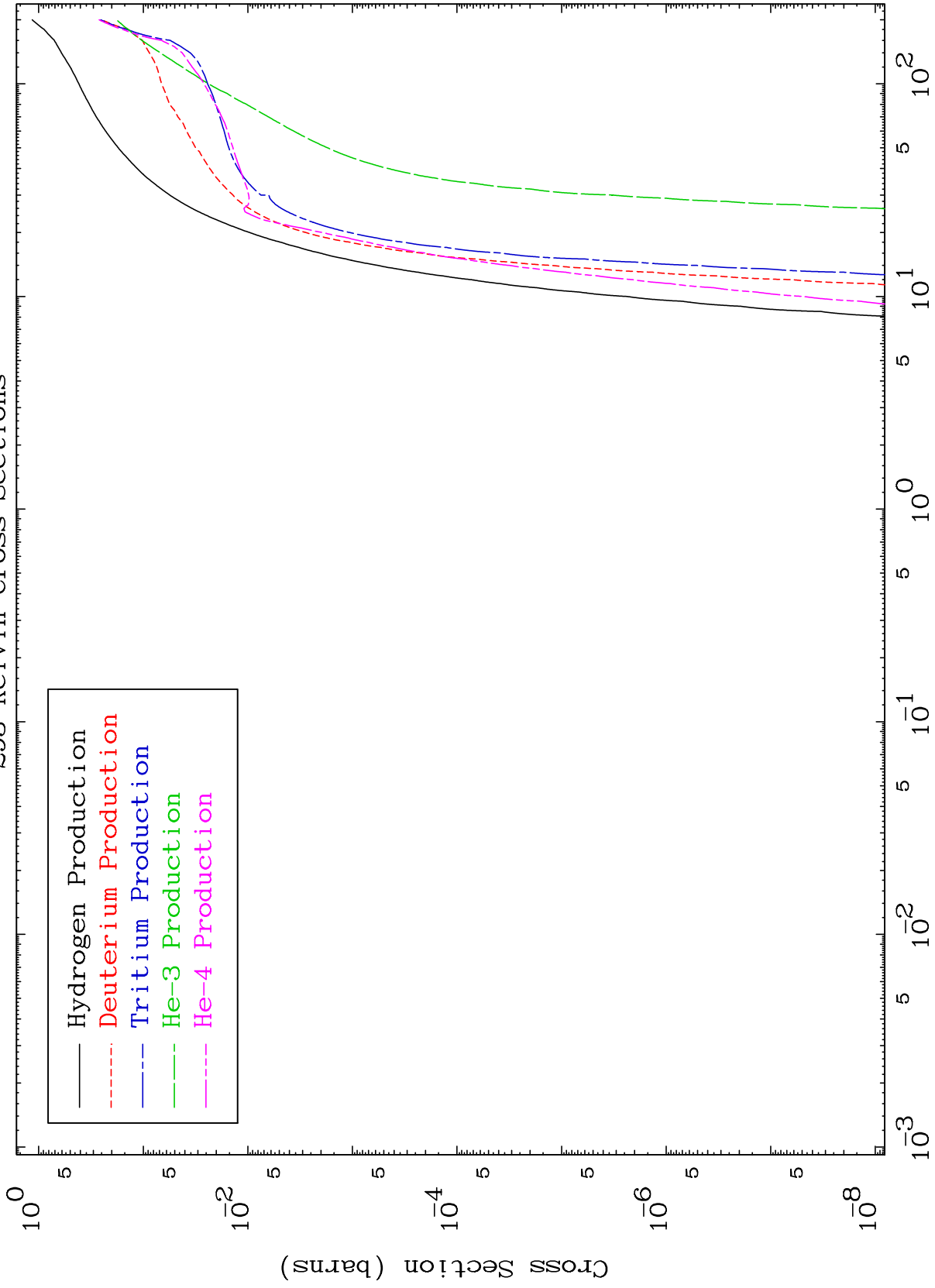
Incident Energy (MeV)

59-Pr-151

MAT 5955

Particle Production
293 Kelvin Cross Sections

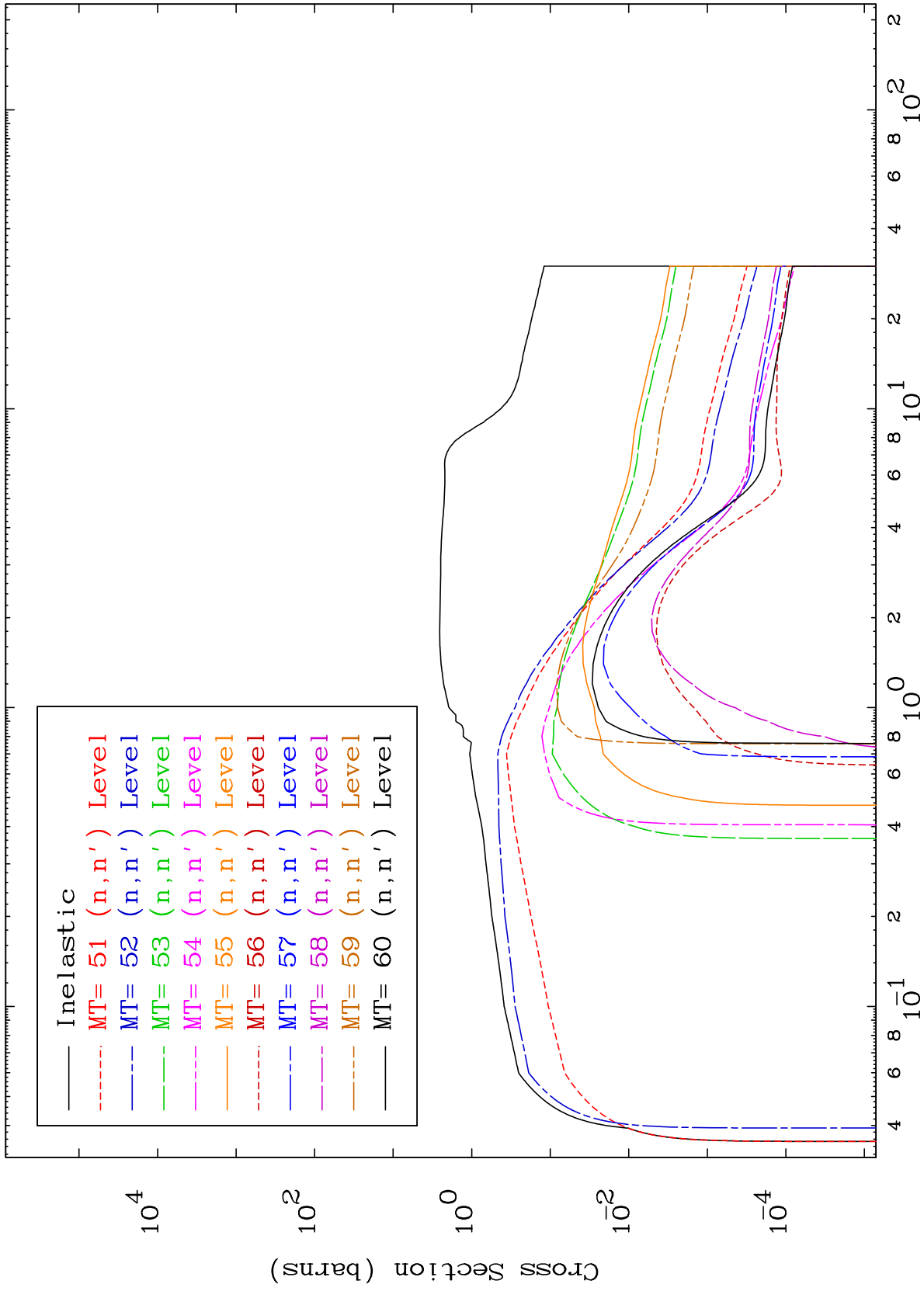
59-Pr-151



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Incident Energy (MeV)

59-Pr-151

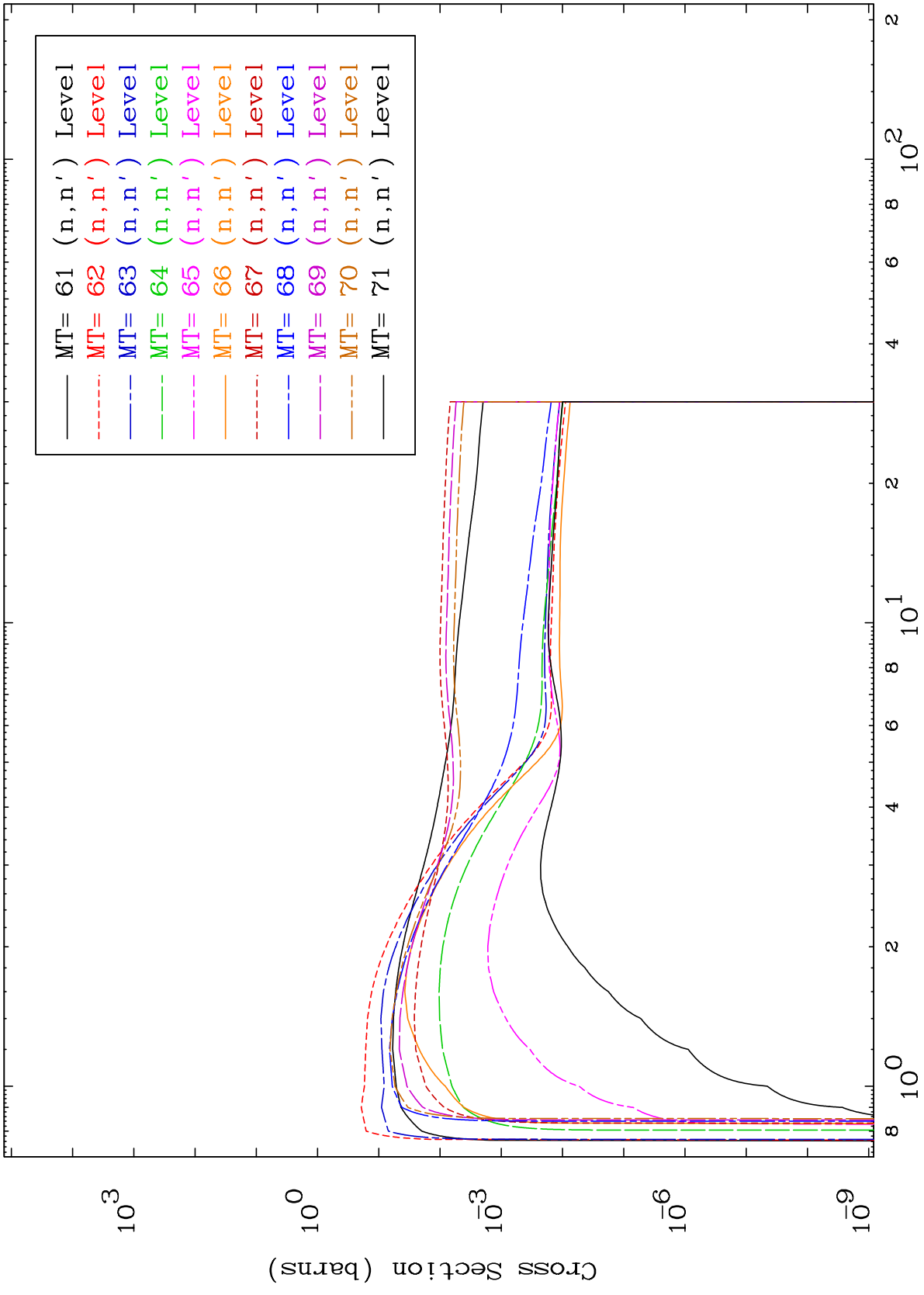


MAT 5955

(n,n') Level

59-Pr-151

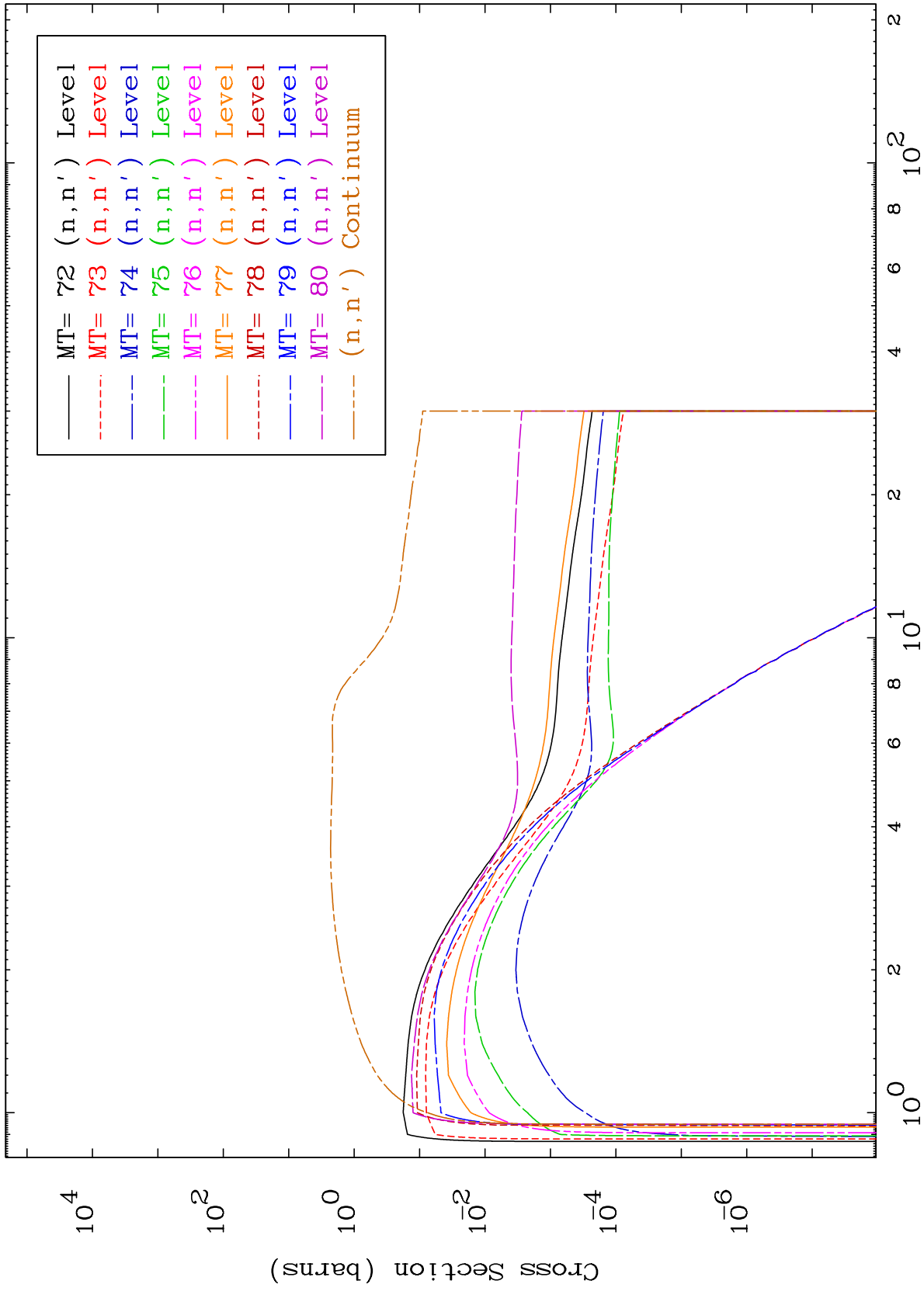
293 Kelvin Cross Sections



8

Incident Energy (MeV)

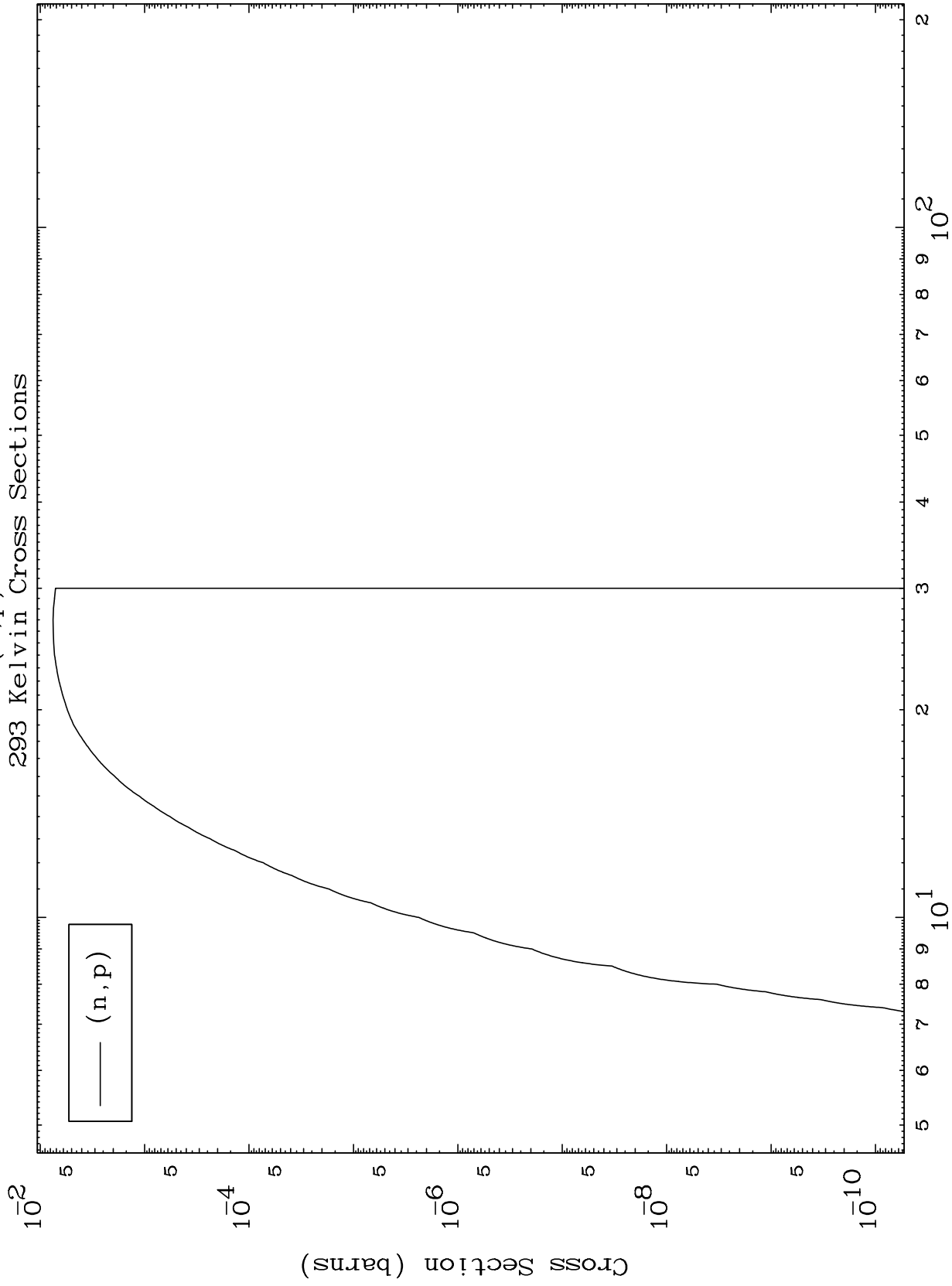
59-Pr-151



MAT 5955

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-151



10

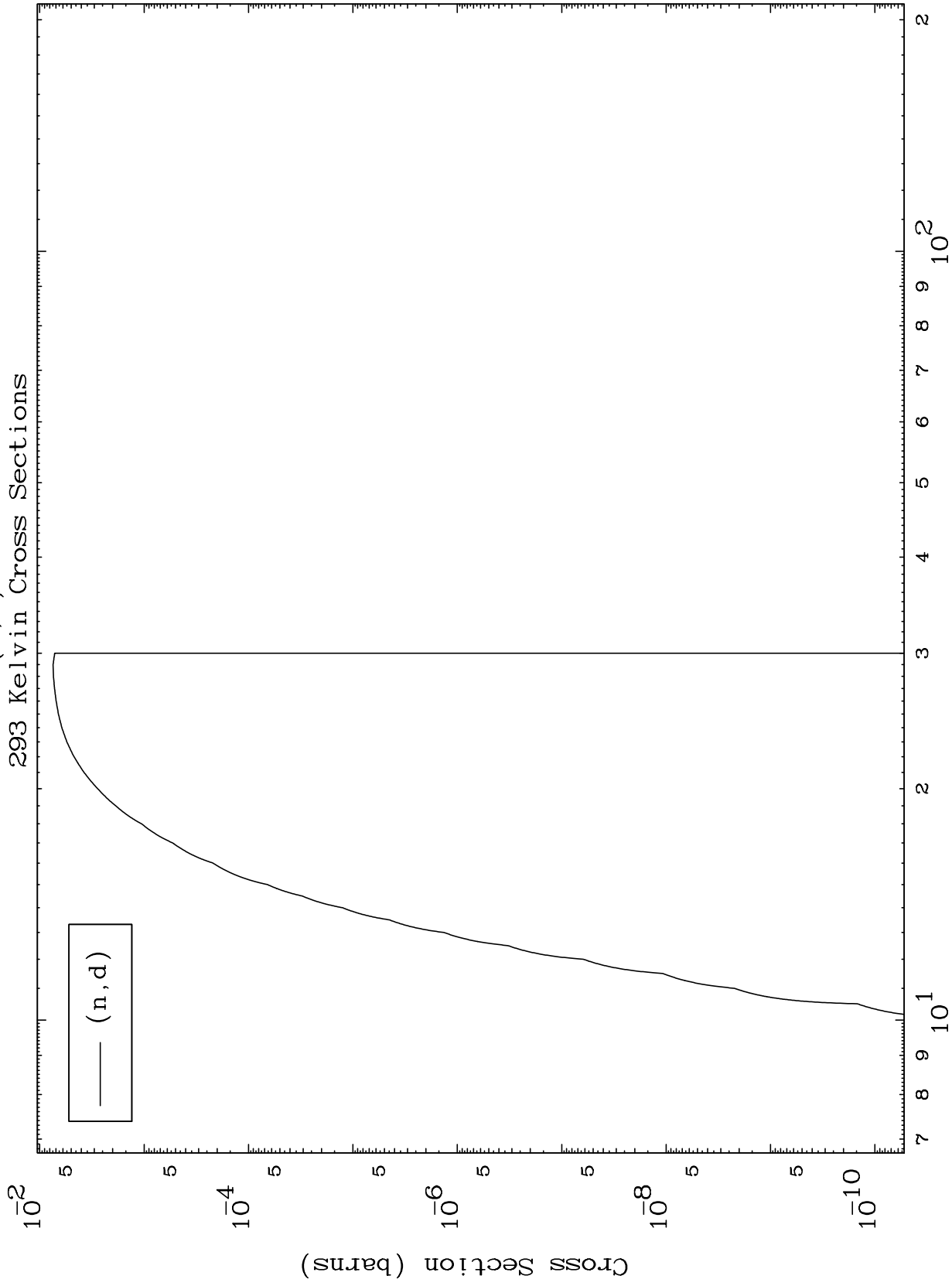
Incident Energy (MeV)

59-Pr-151

MAT 5955

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-151



11

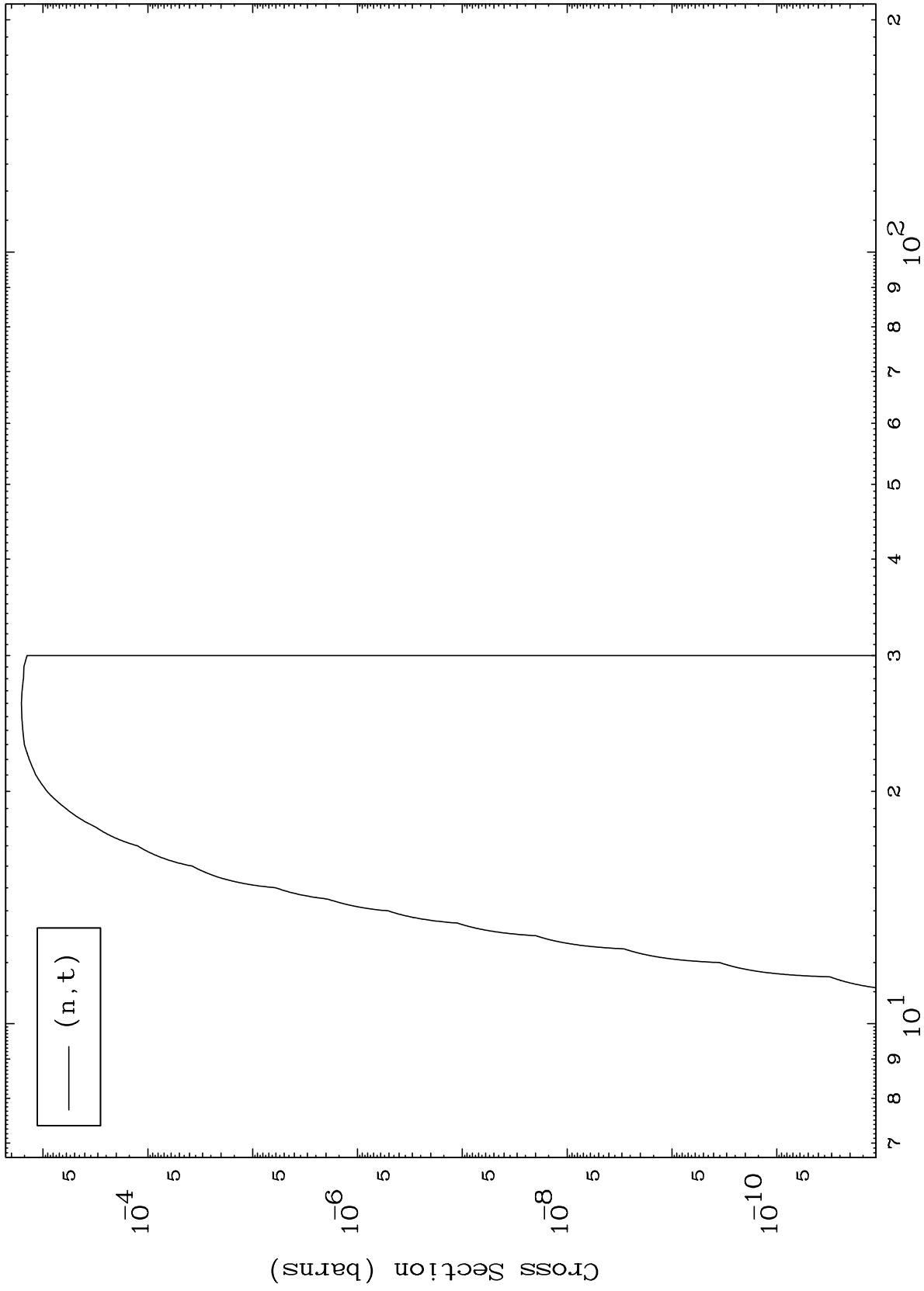
Incident Energy (MeV)

59-Pr-151

MAT 5955

(n,t) Levels
293 Kelvin Cross Sections

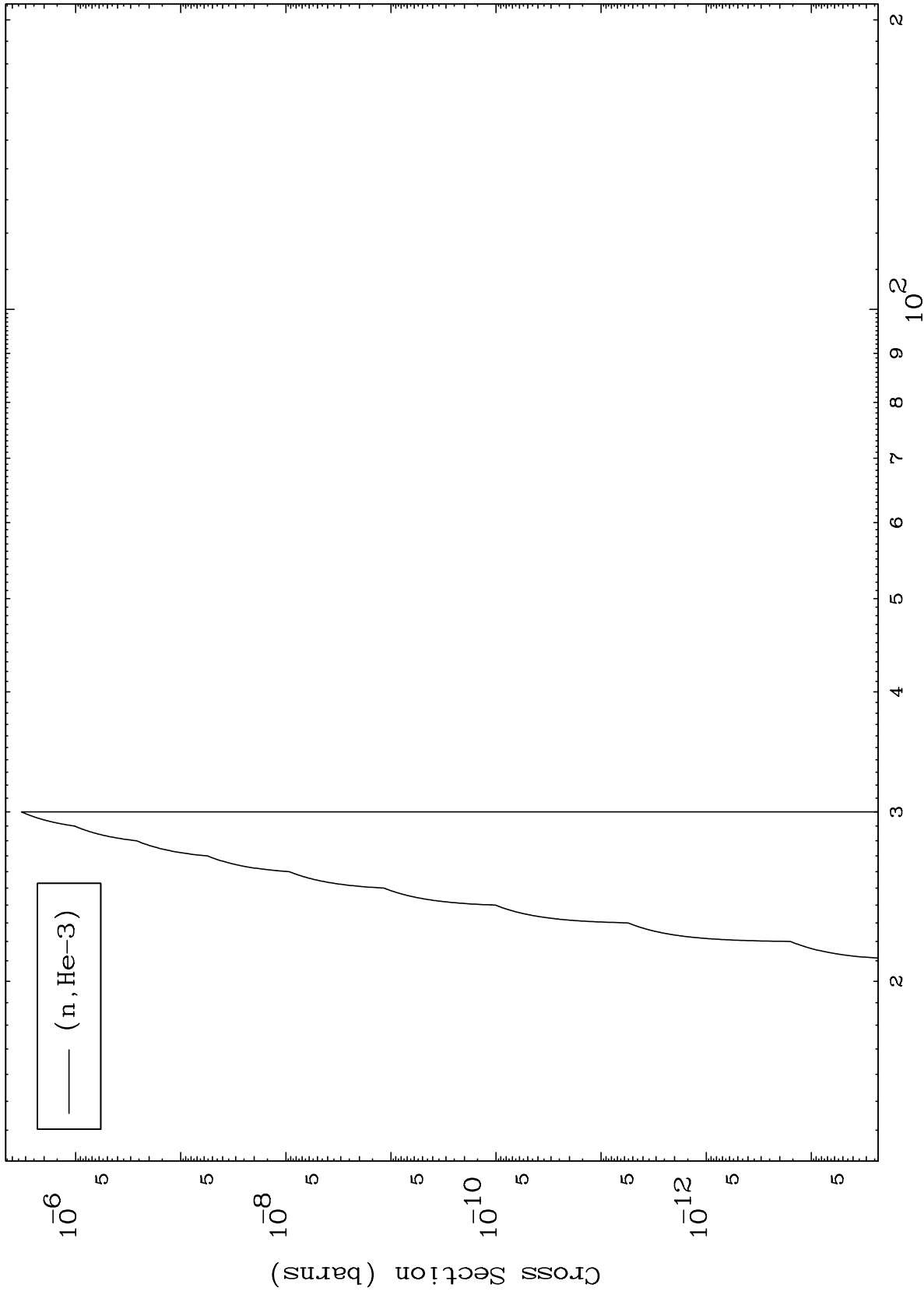
59-Pr-151



12

Incident Energy (MeV)

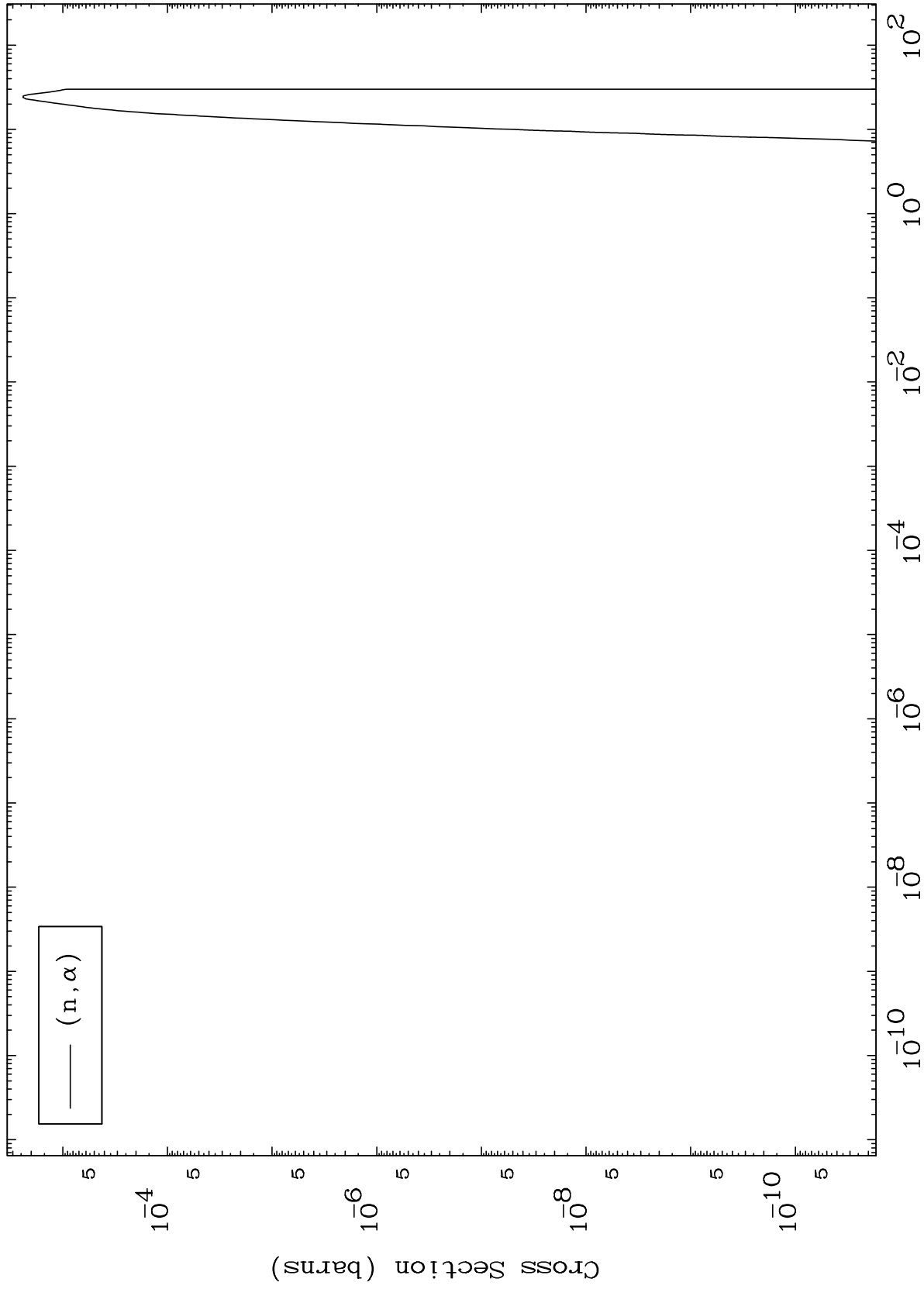
59-Pr-151

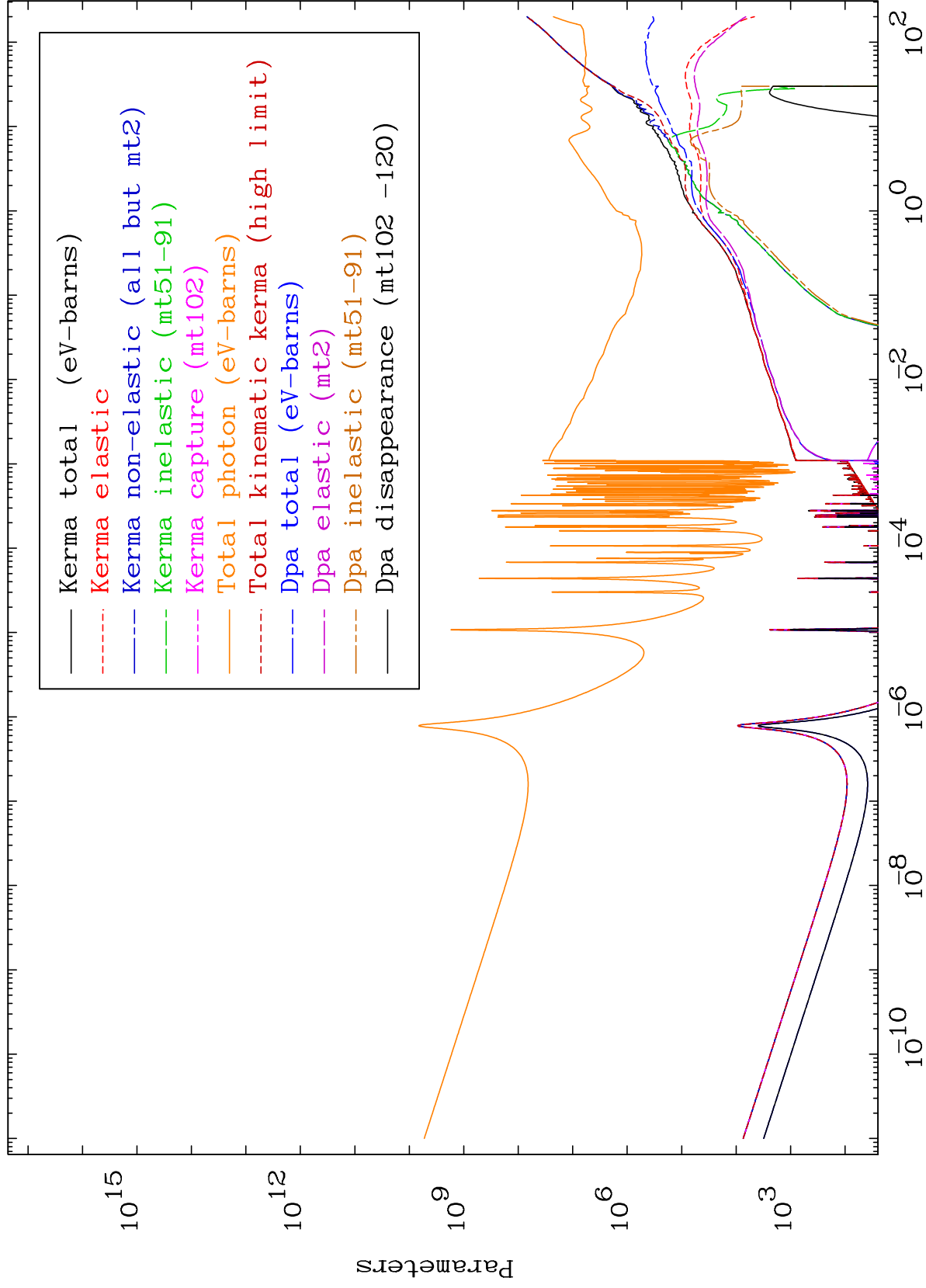


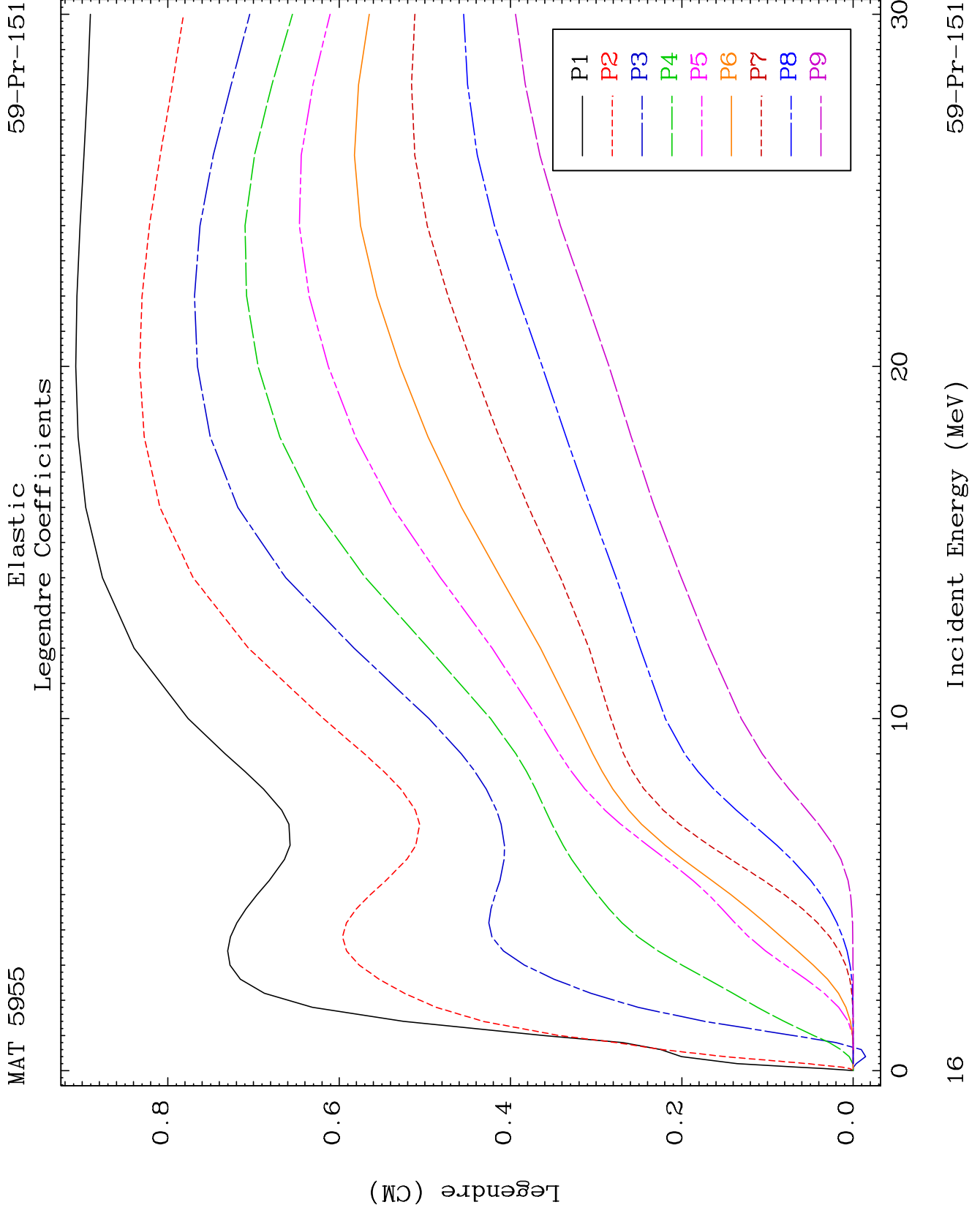
MAT 5955

(n, α) Levels
293 Kelvin Cross Sections

59-Pr-151



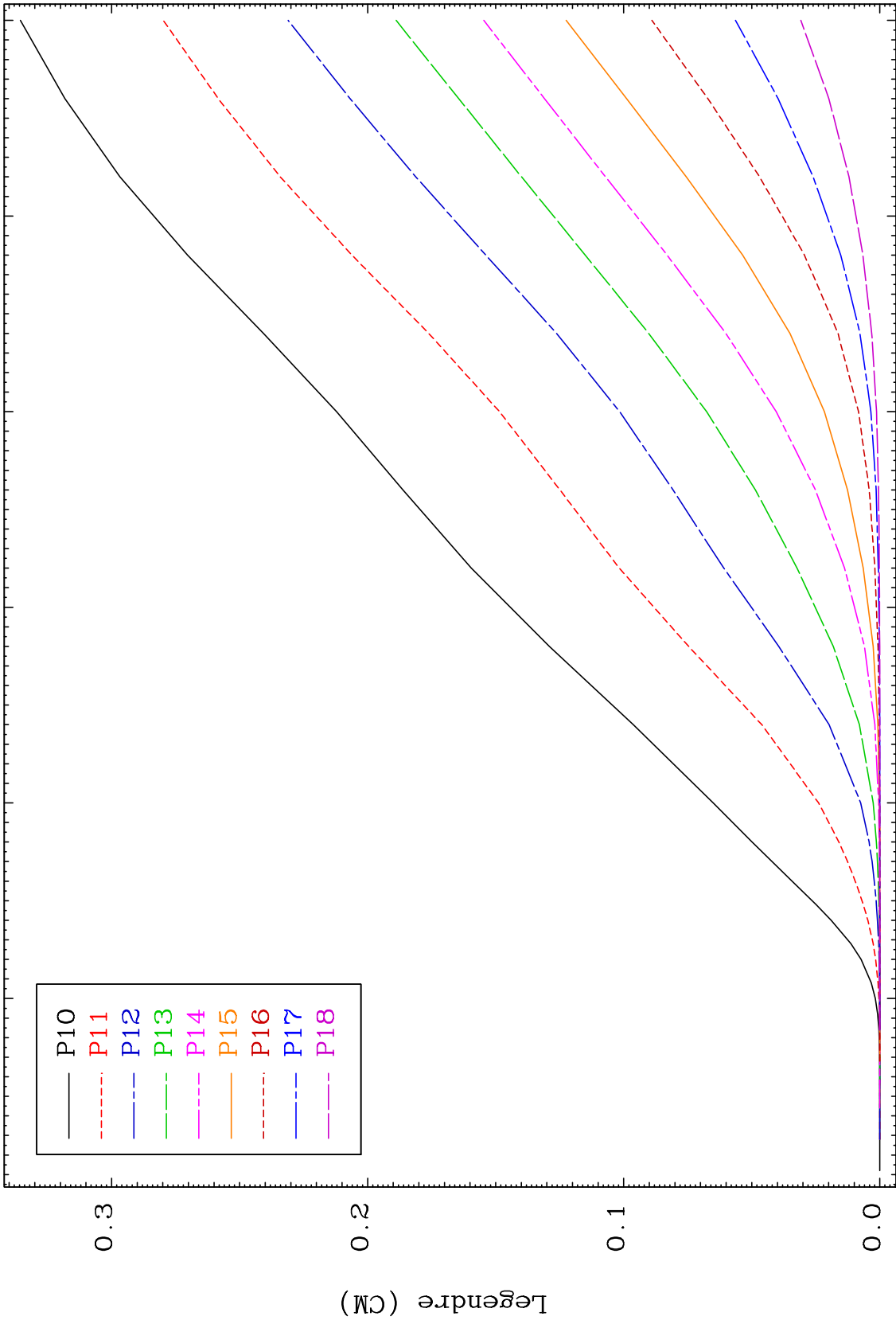




MAT 5955

Elastic Legendre Coefficients

59-Pr-151



17

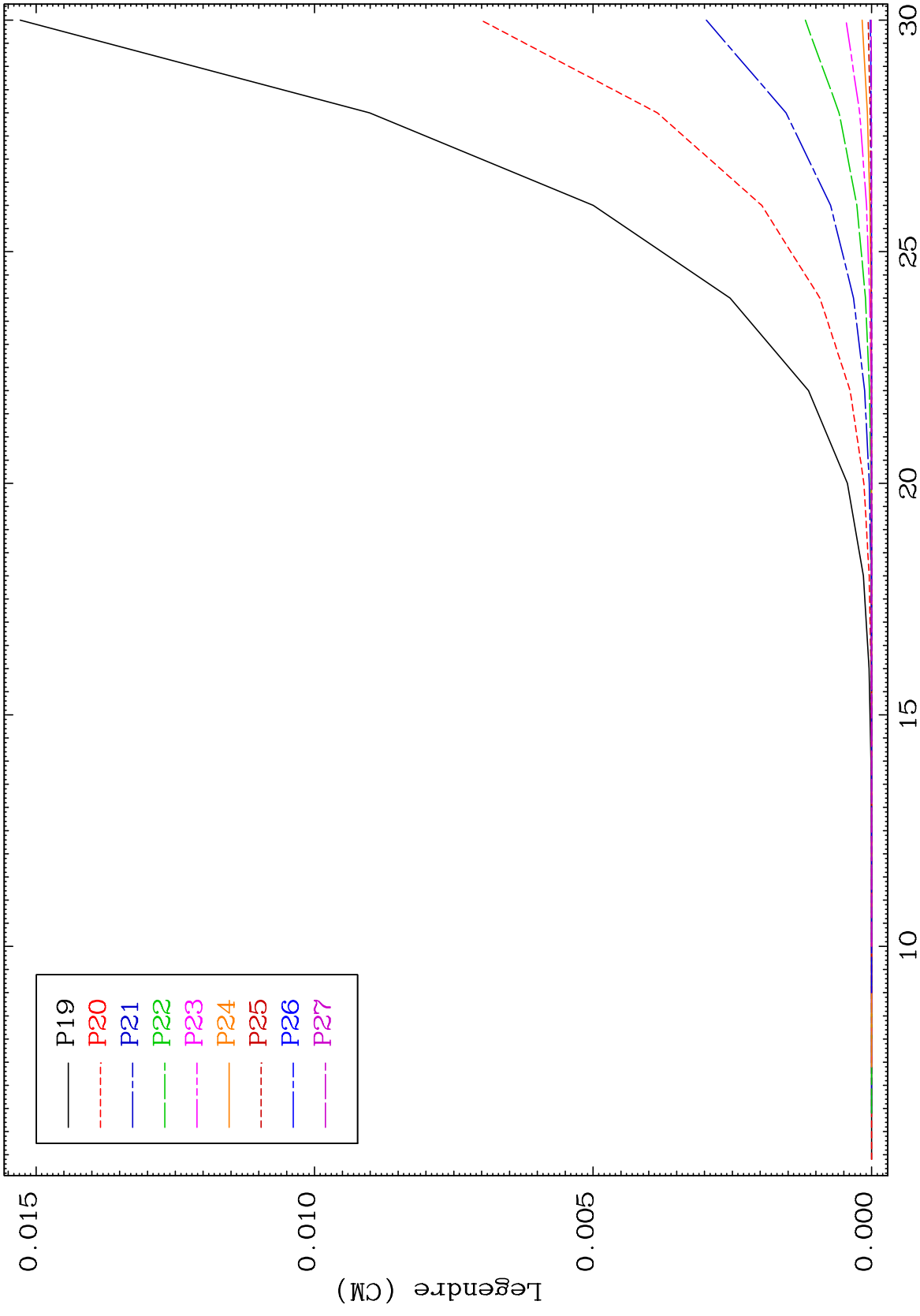
Incident Energy (MeV)

59-Pr-151

MAT 5955

Elastic Legendre Coefficients

59-Pr-151



18

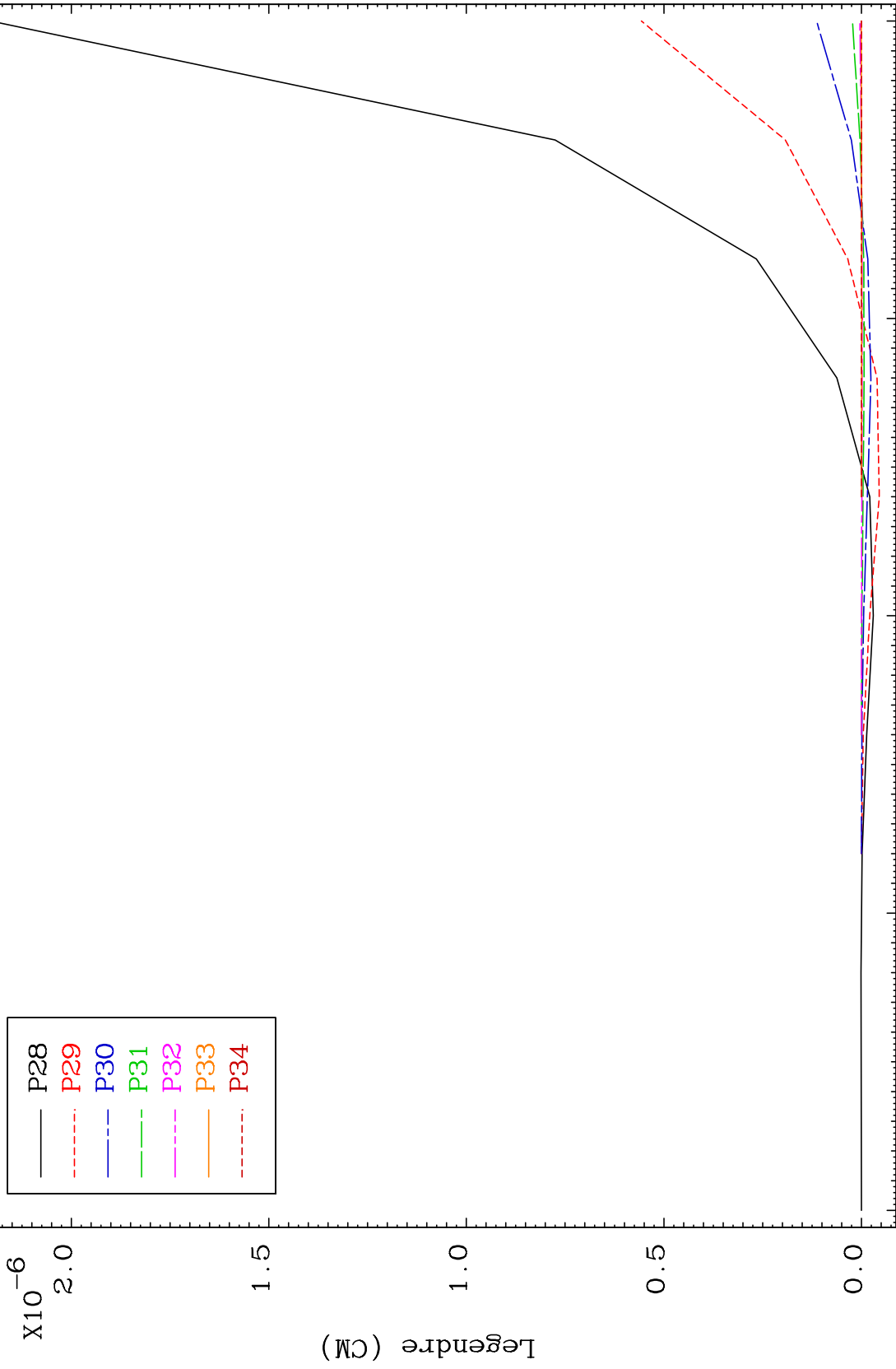
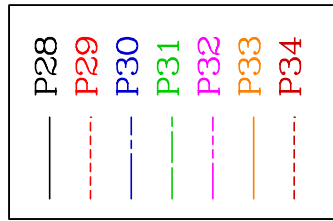
Incident Energy (MeV)

59-Pr-151

MAT 5955

Elastic Legendre Coefficients

59-Pr-151



19

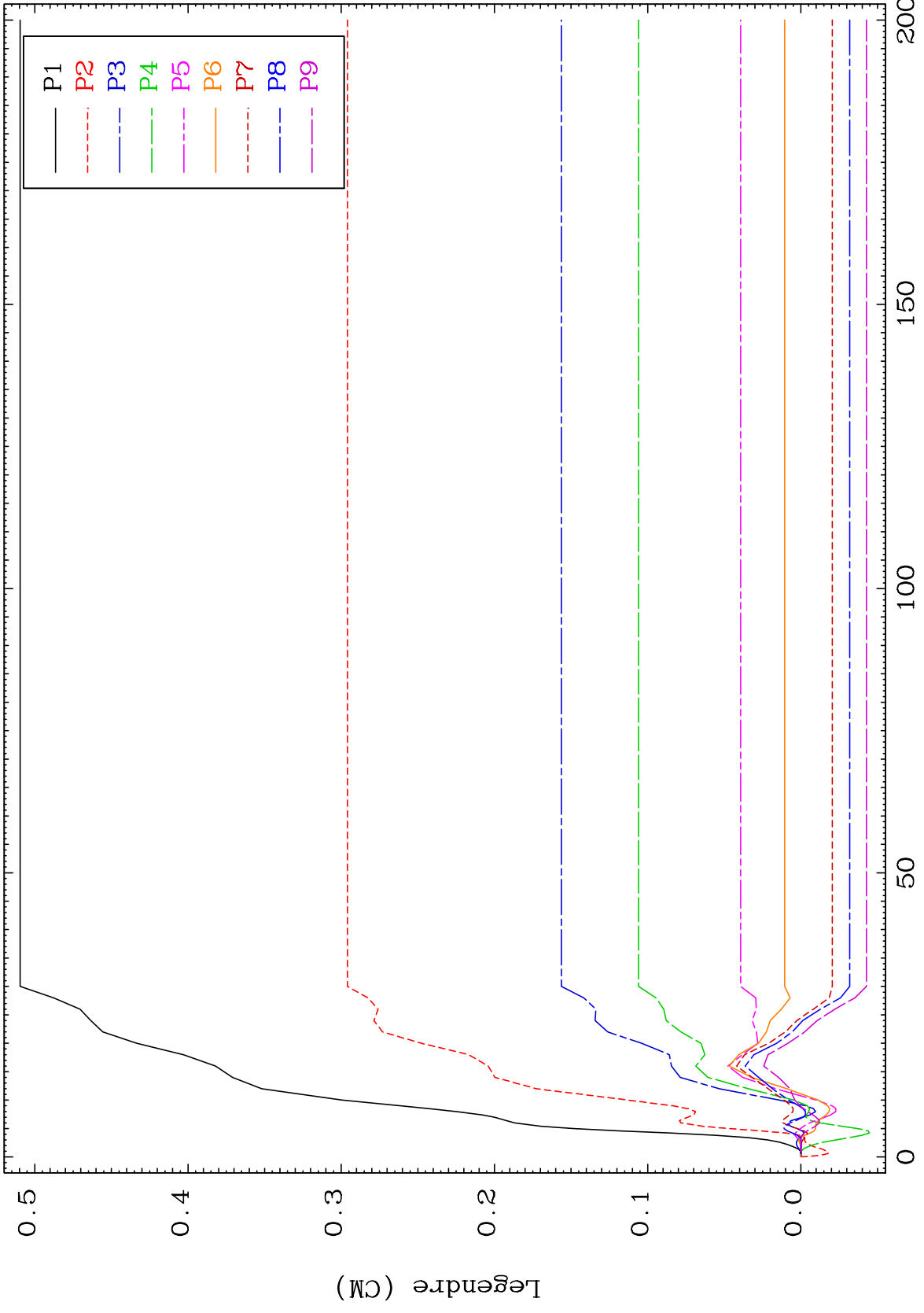
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



20

50

100

150

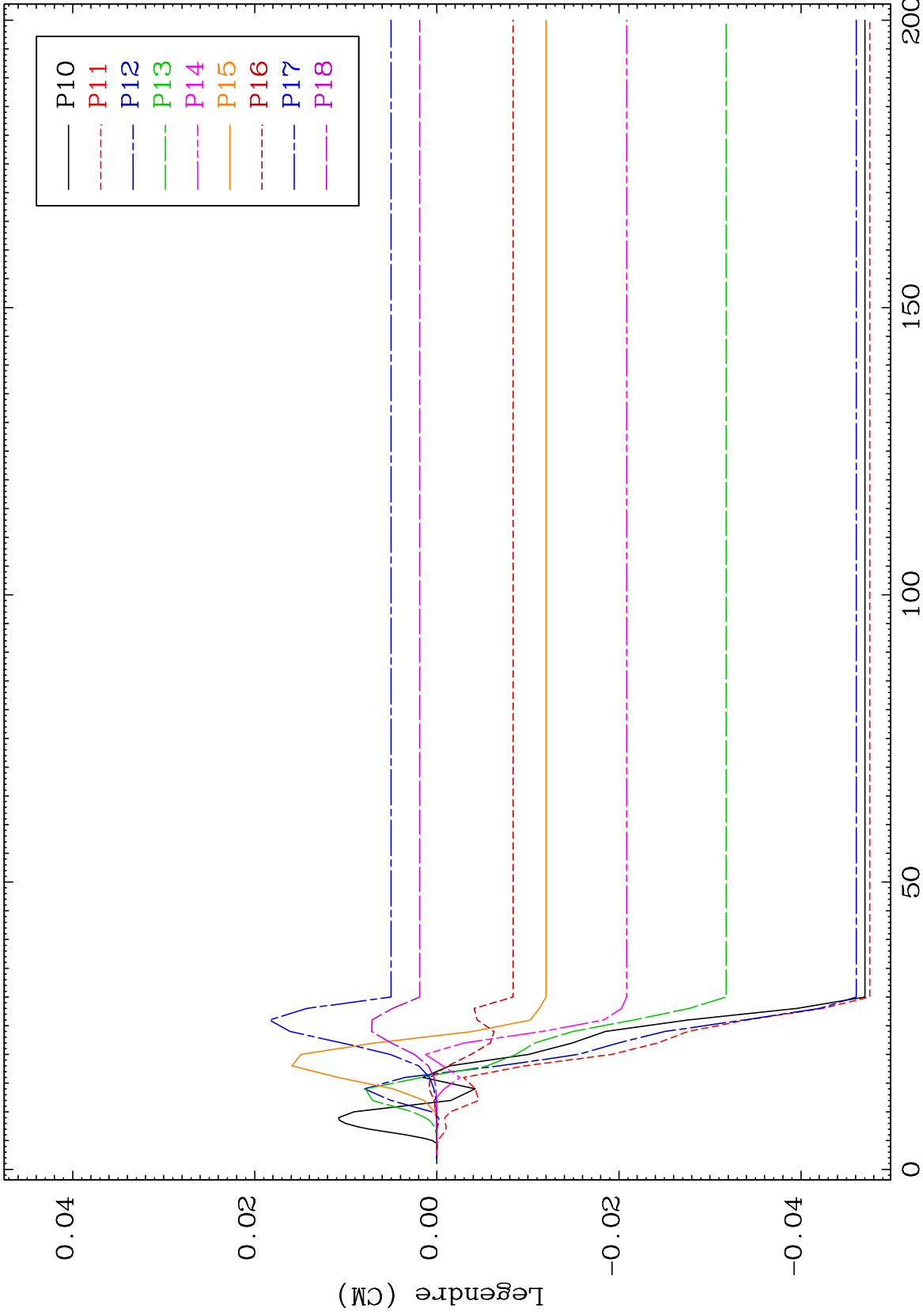
200

59-Pr-151

MAT 5955

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

59-Pr-151



21

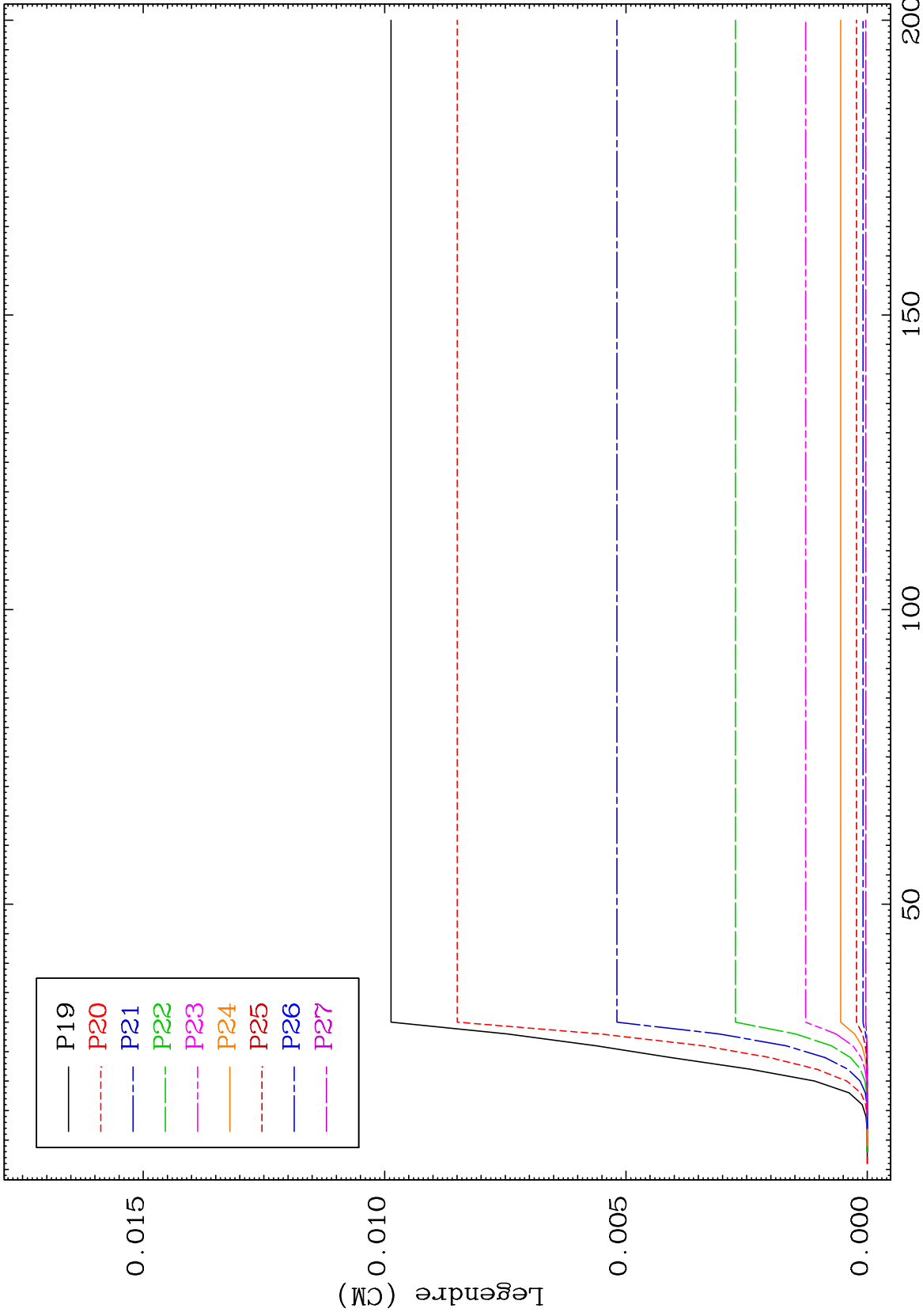
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

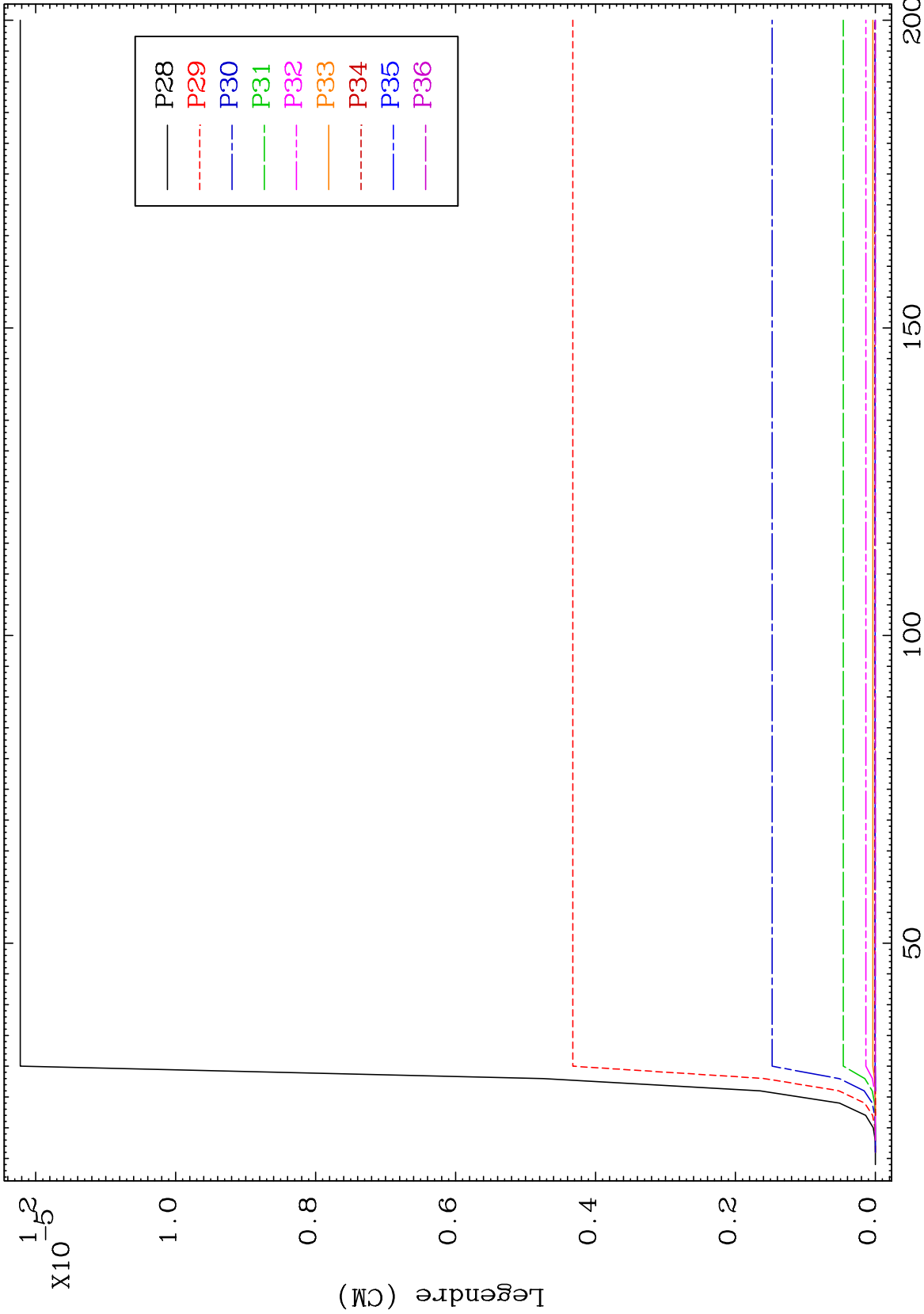
59-Pr-151



22

Incident Energy (MeV)

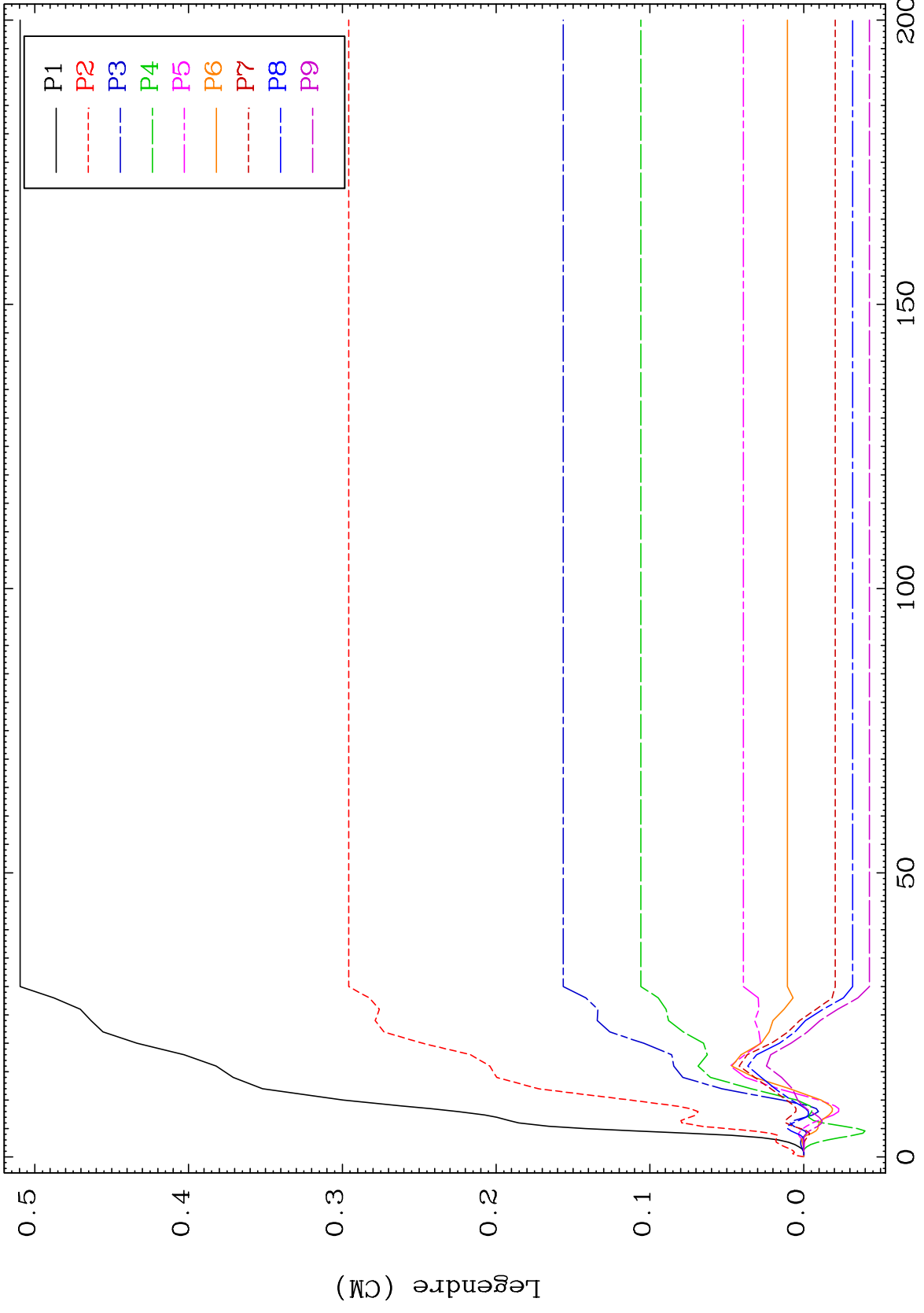
59-Pr-151



MAT 5955

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

59-Pr-151



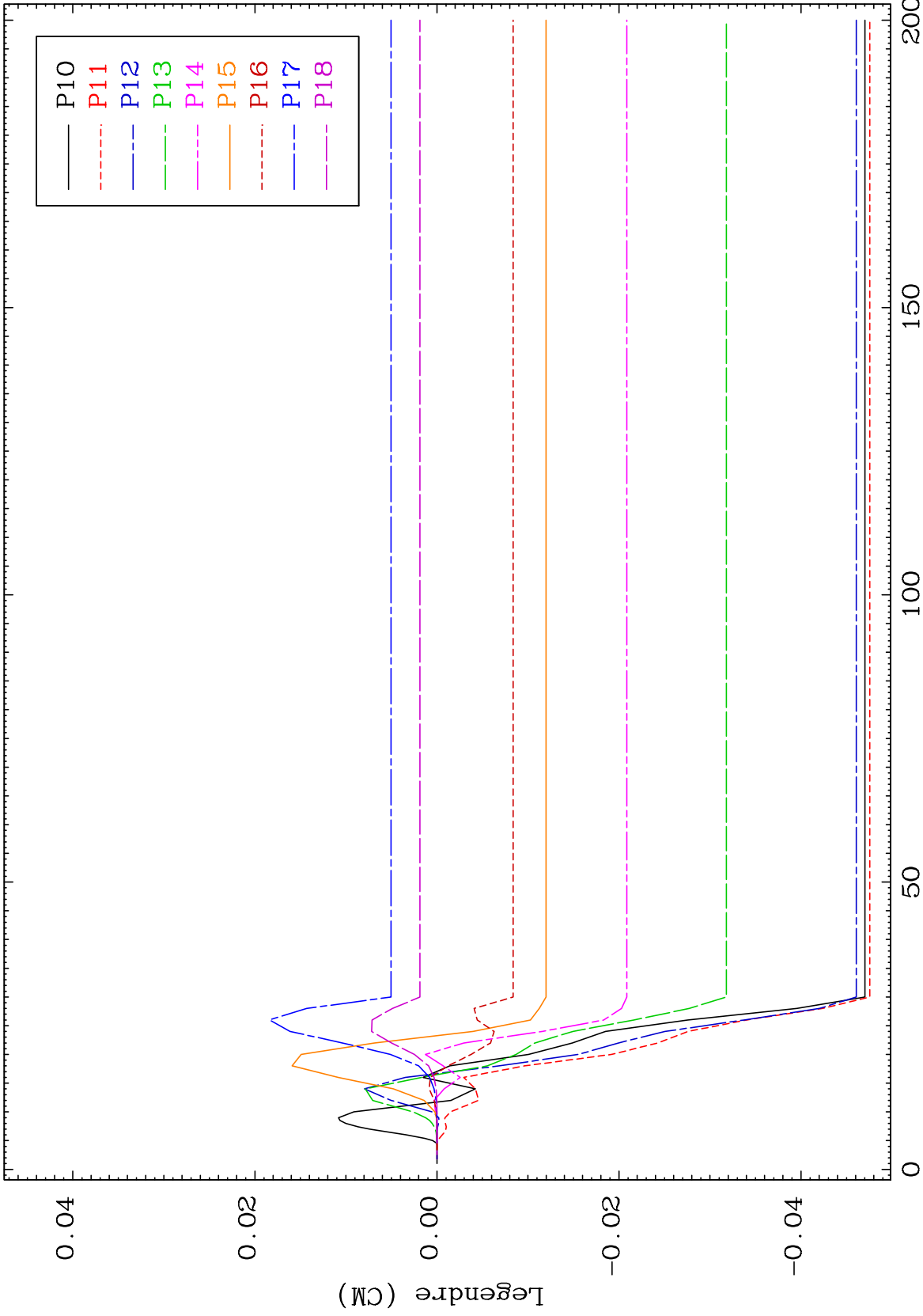
24

59-Pr-151

MAT 5955

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

59-Pr-151



25

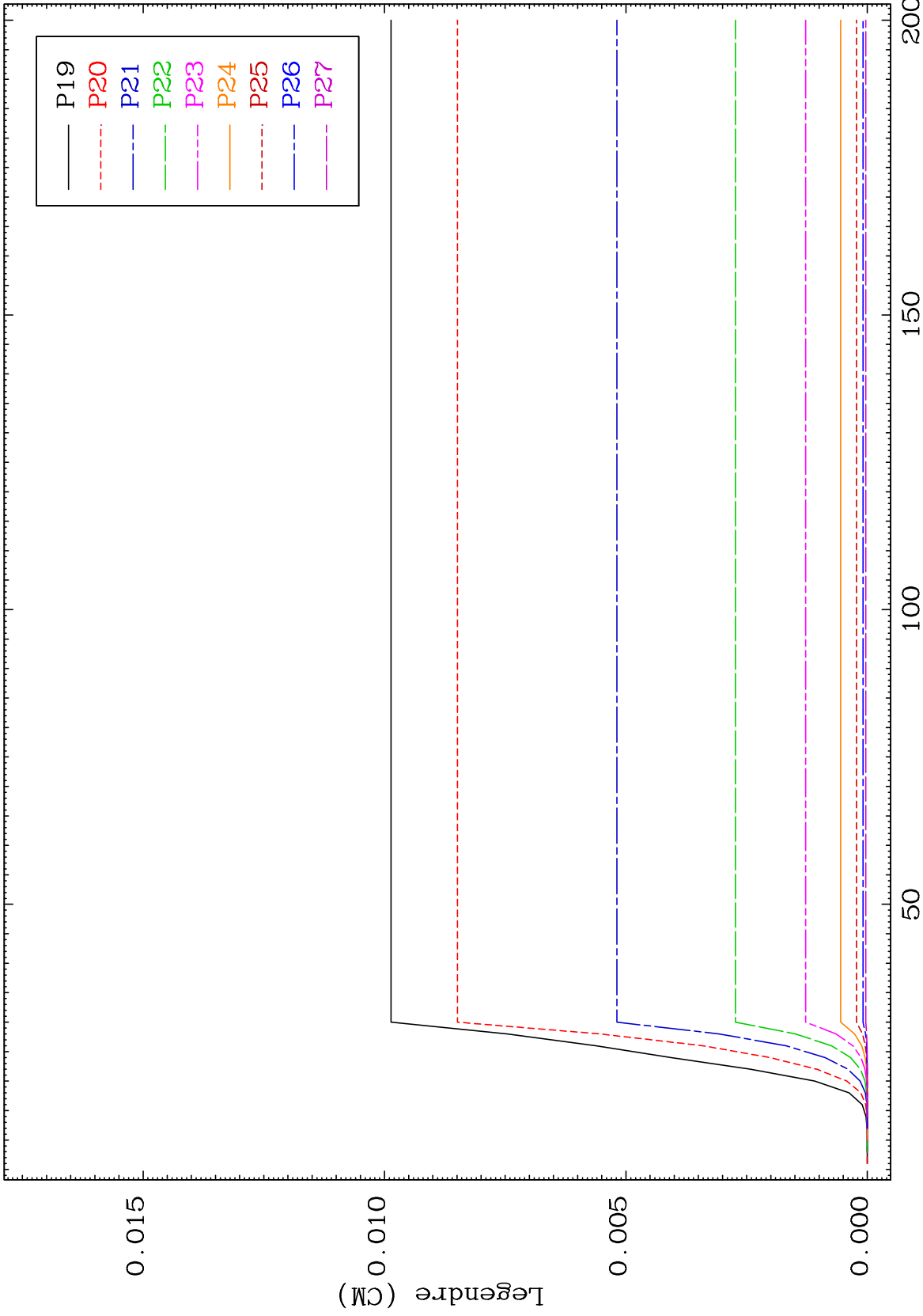
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



26

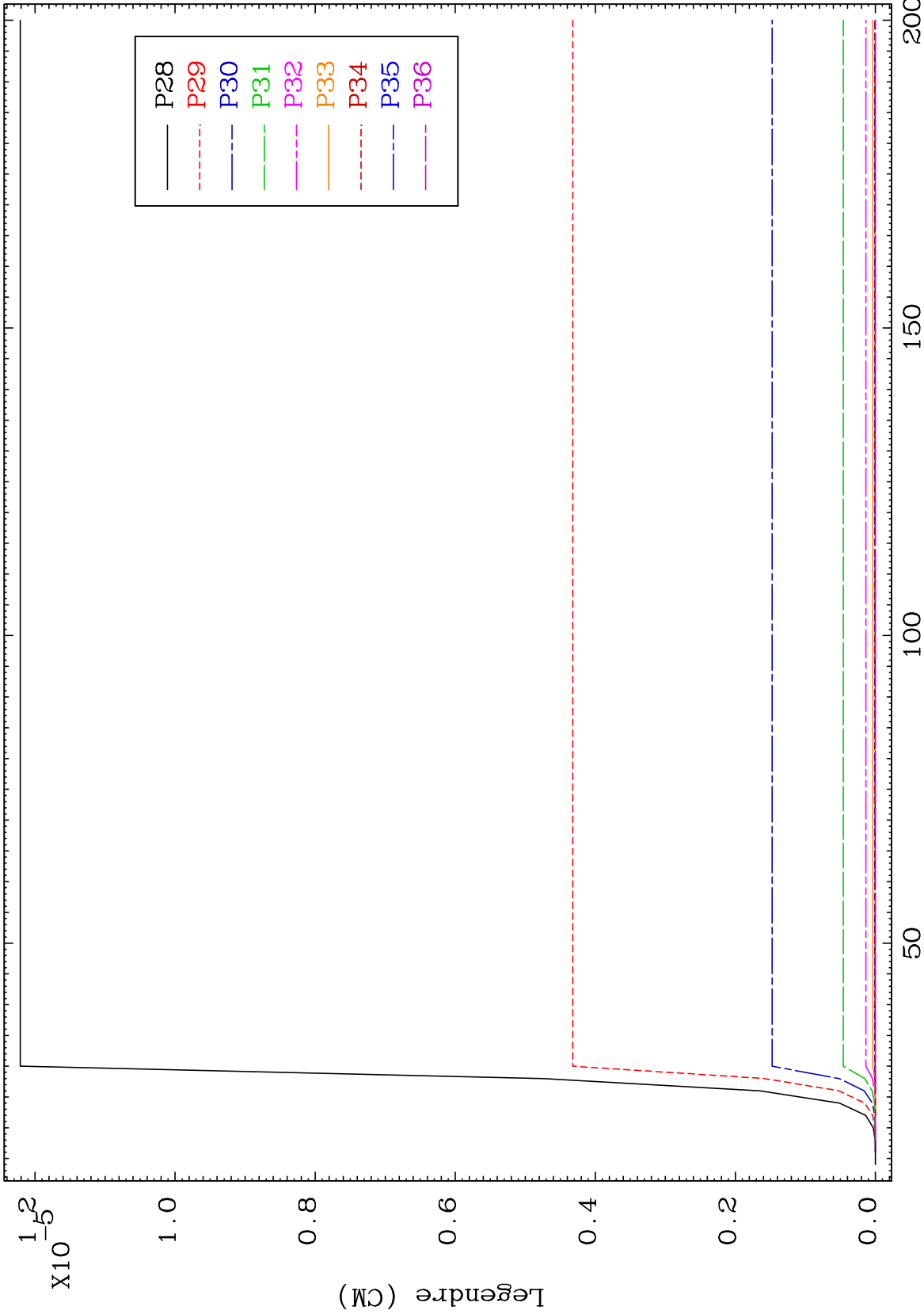
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



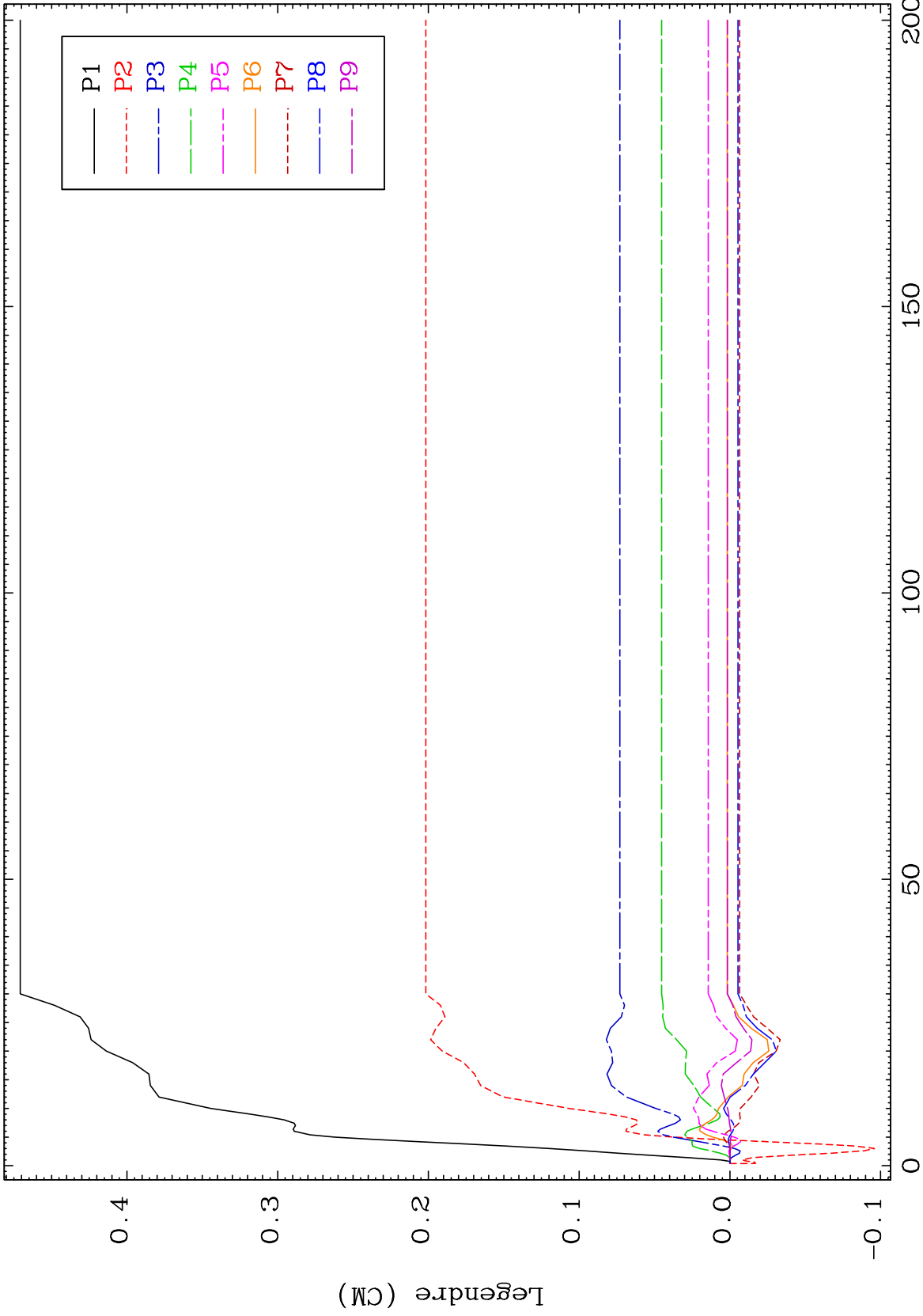
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59-Pr-151

MAT 5955

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

59-Pr-151



28

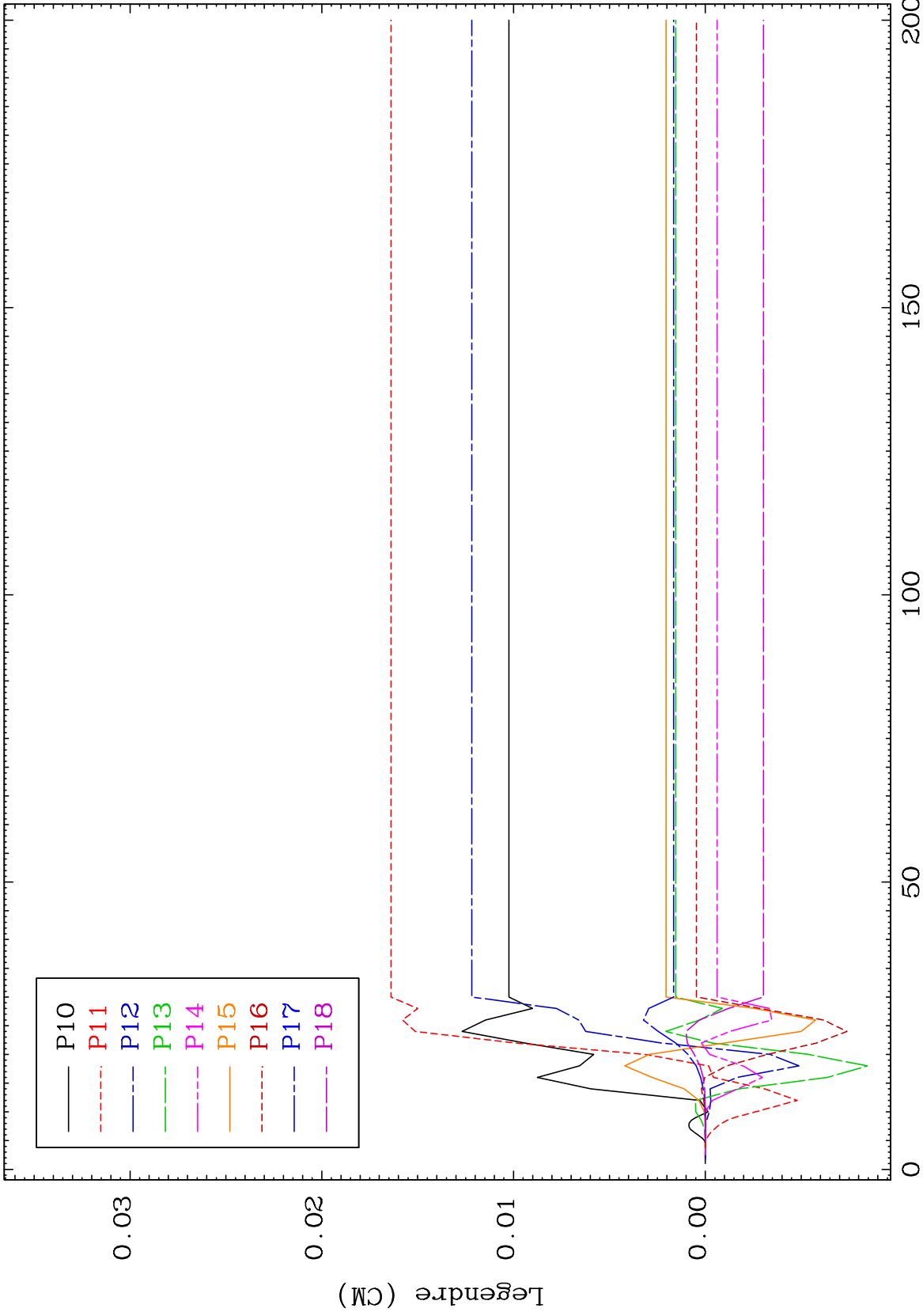
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



29

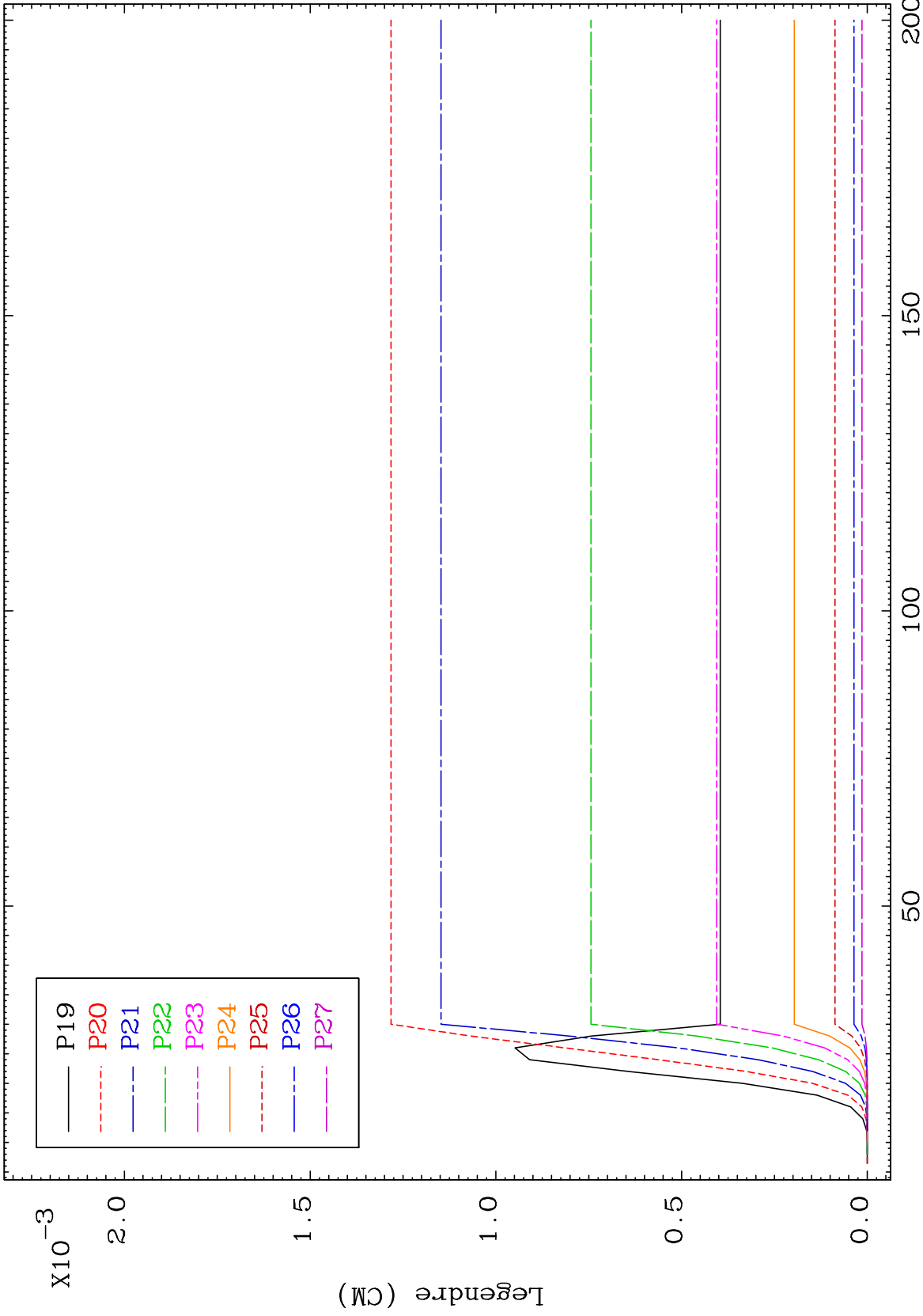
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



30

50

100

150

200

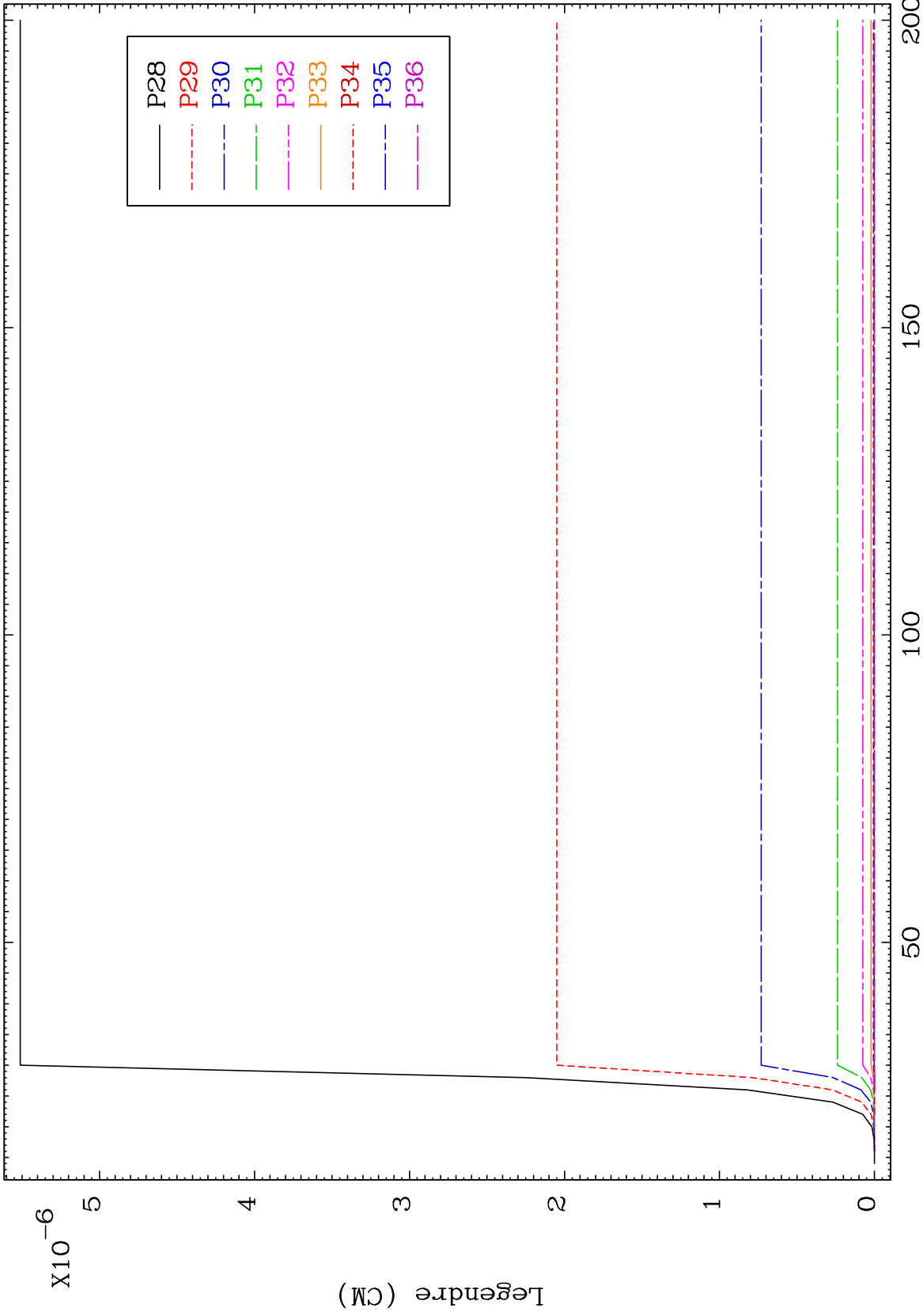
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



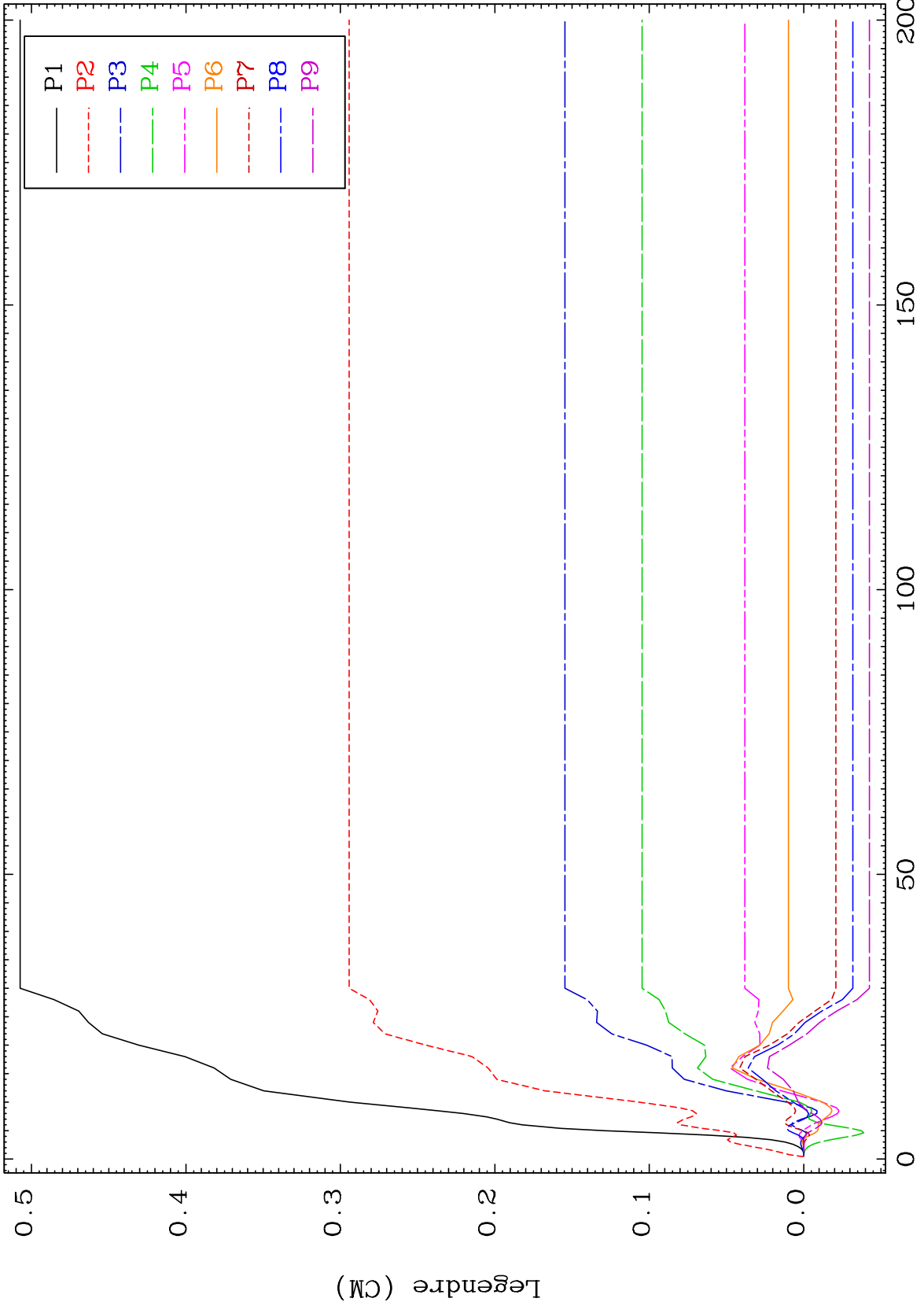
31

59-Pr-151

MAT 5955

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

59-Pr-151



32

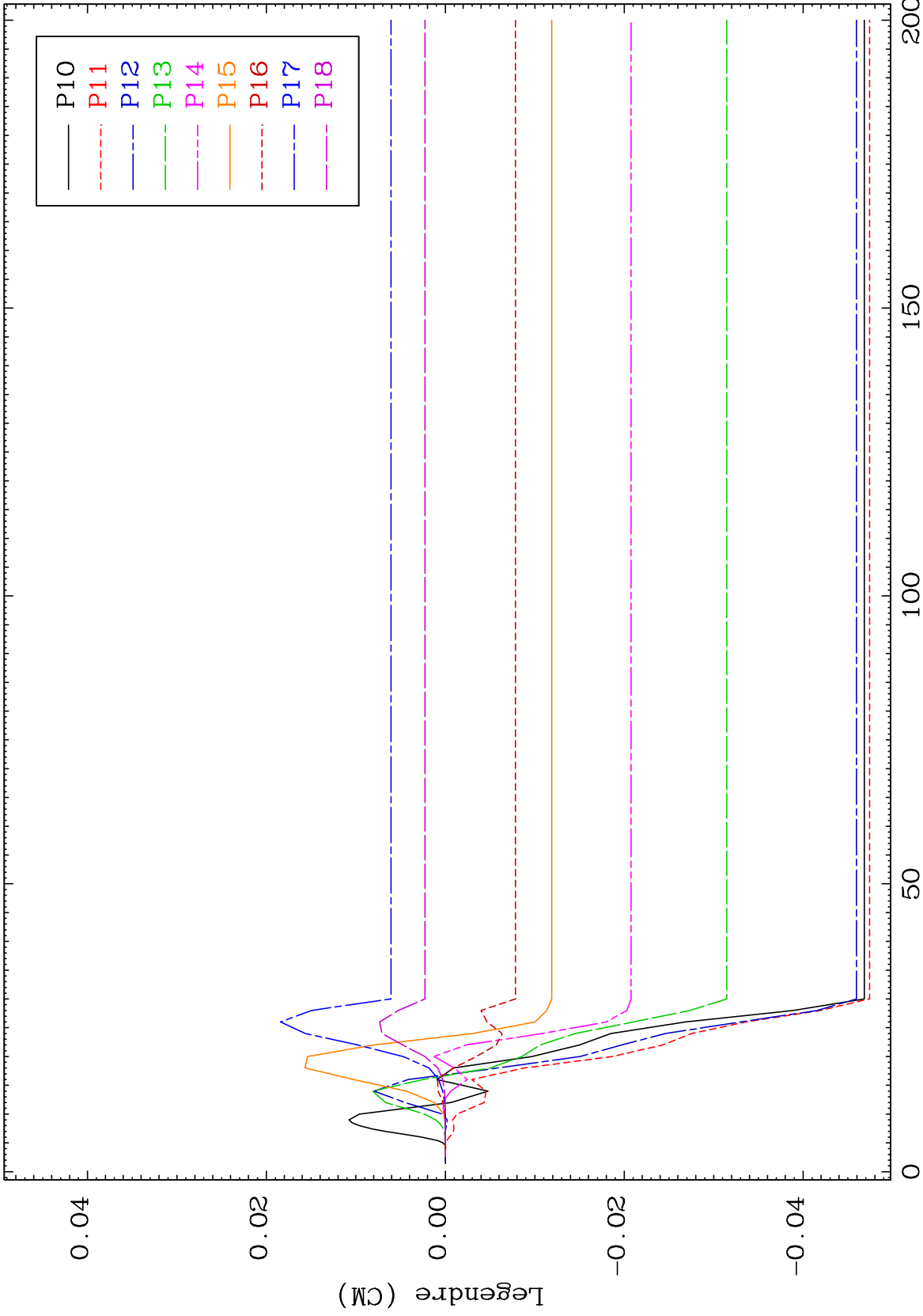
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



33

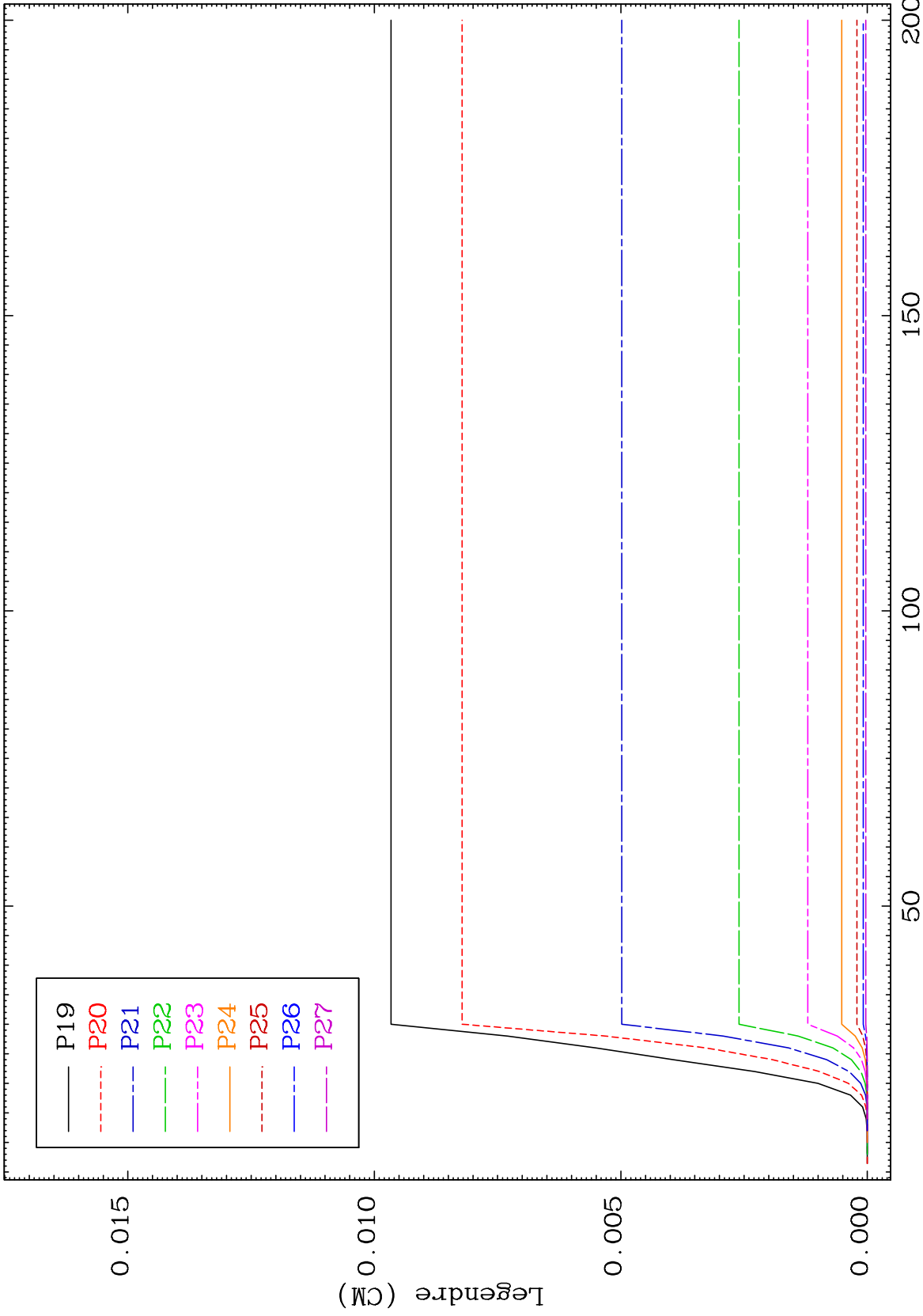
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



34

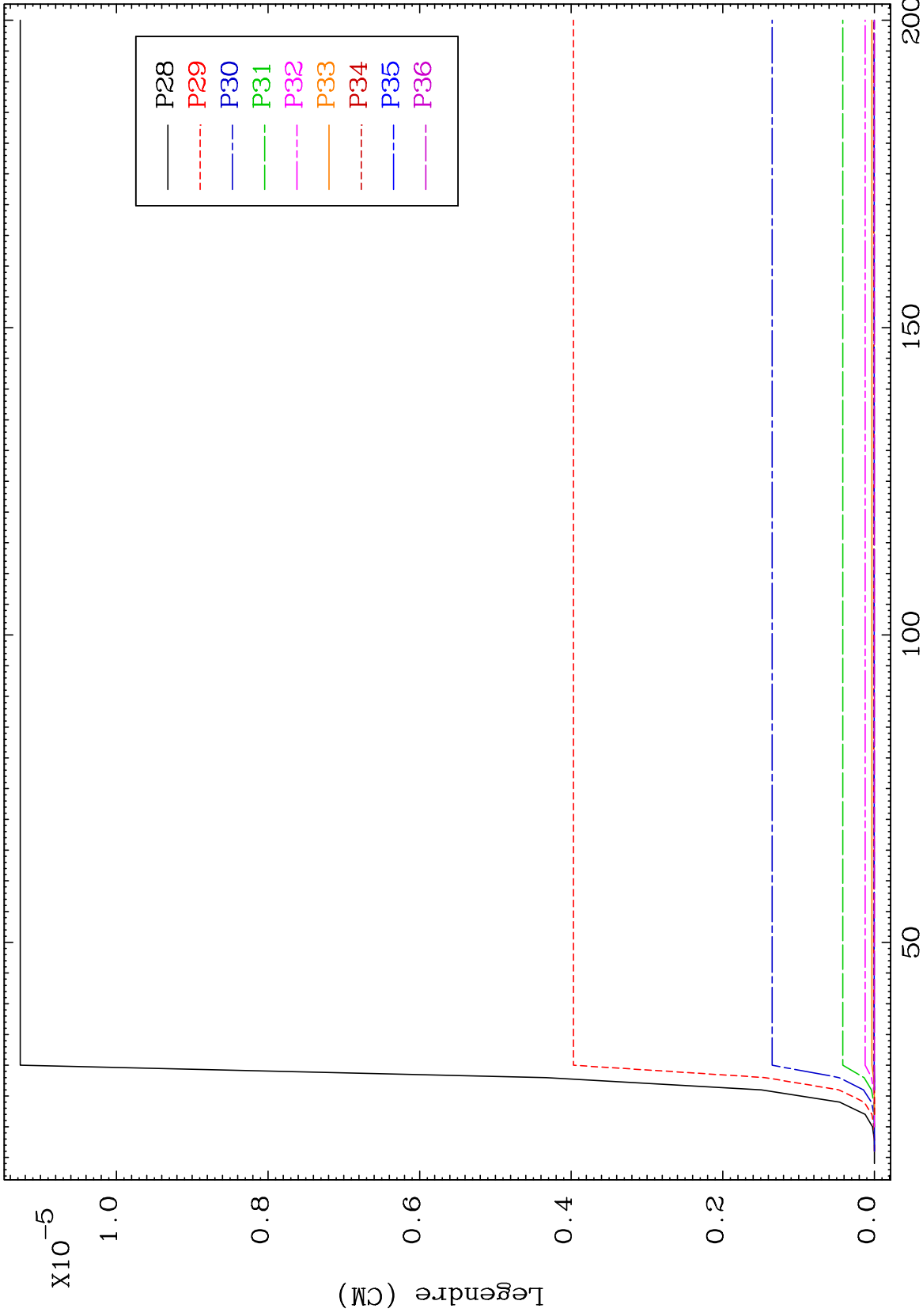
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



35

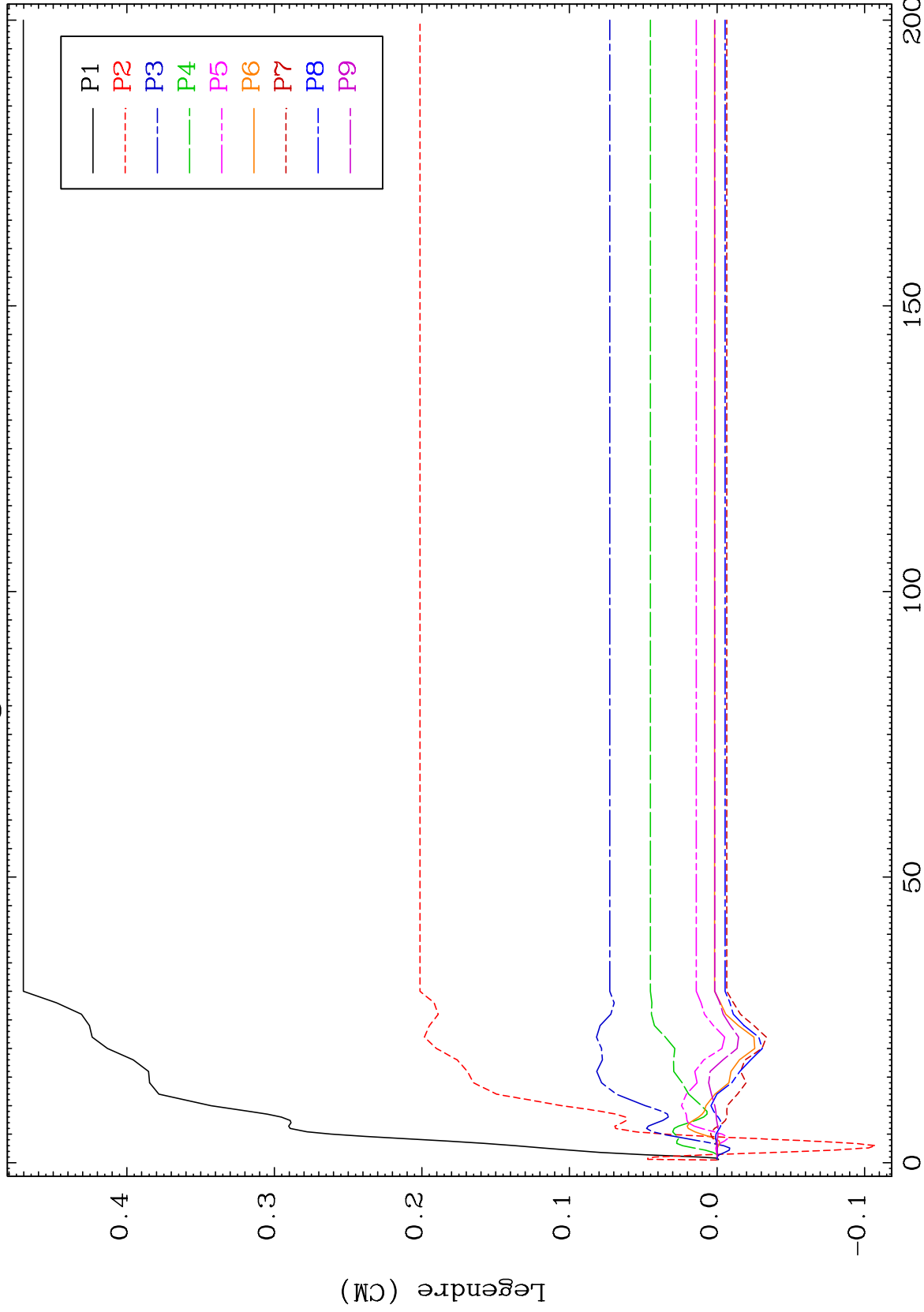
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



36

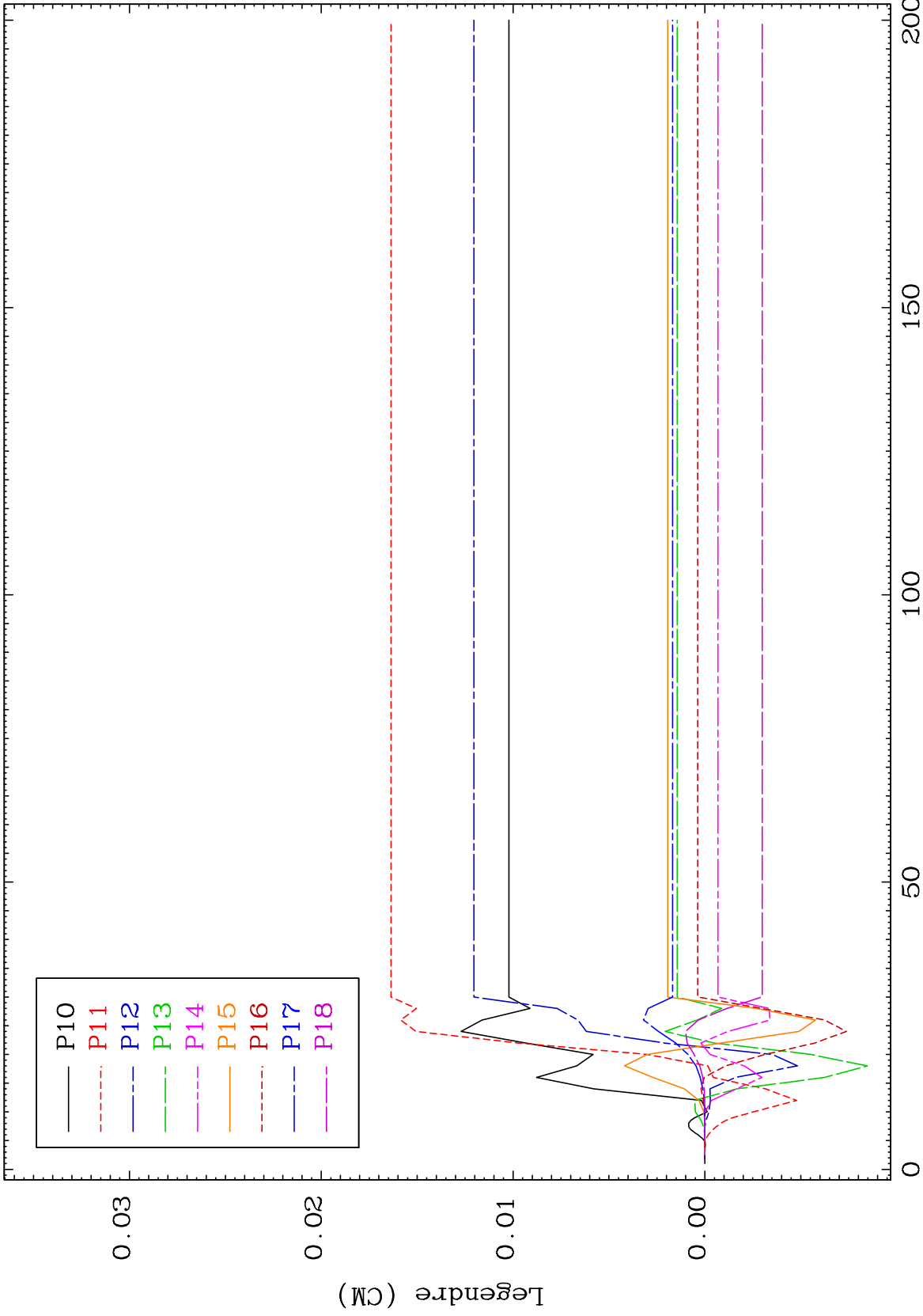
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



37

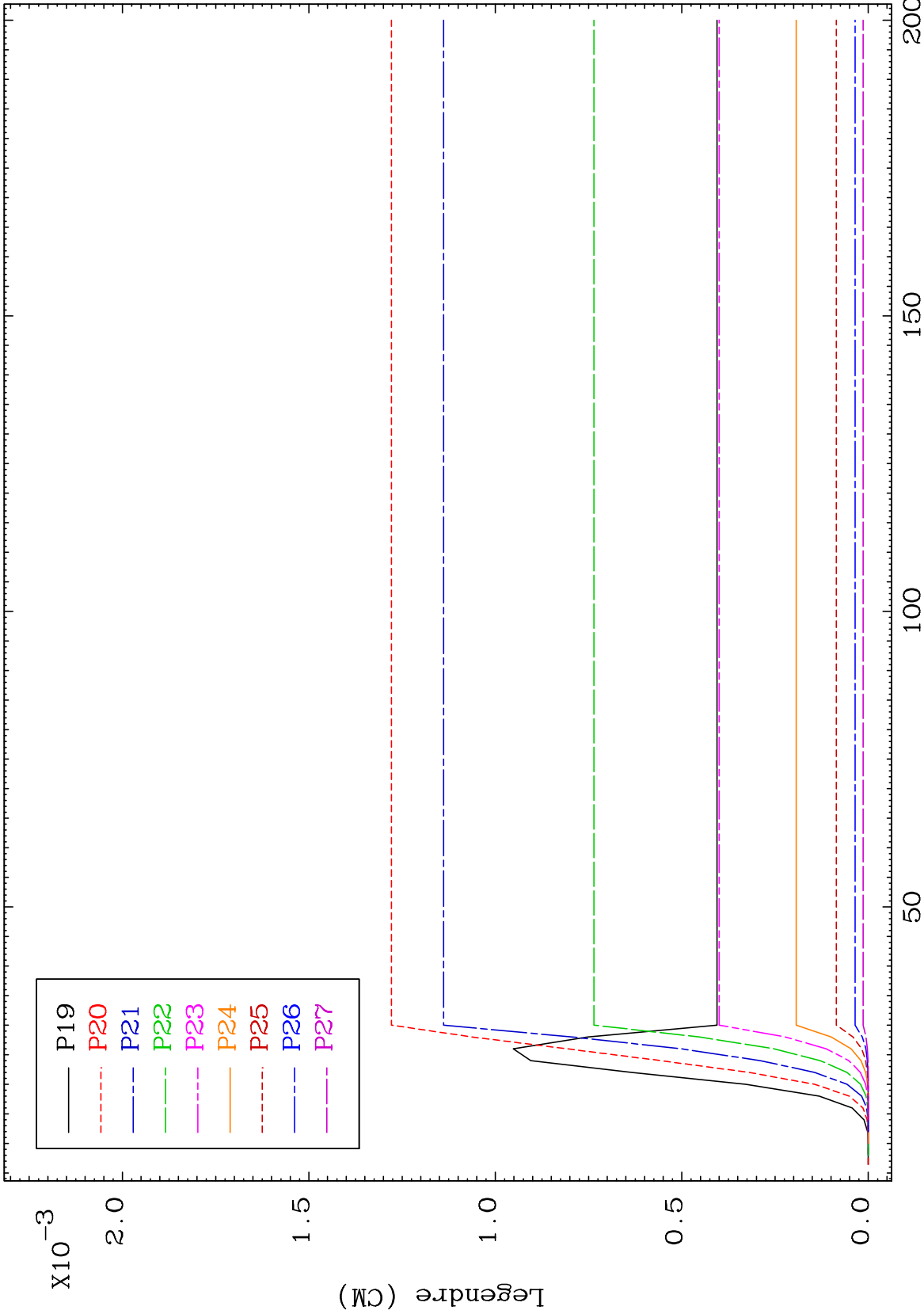
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



38

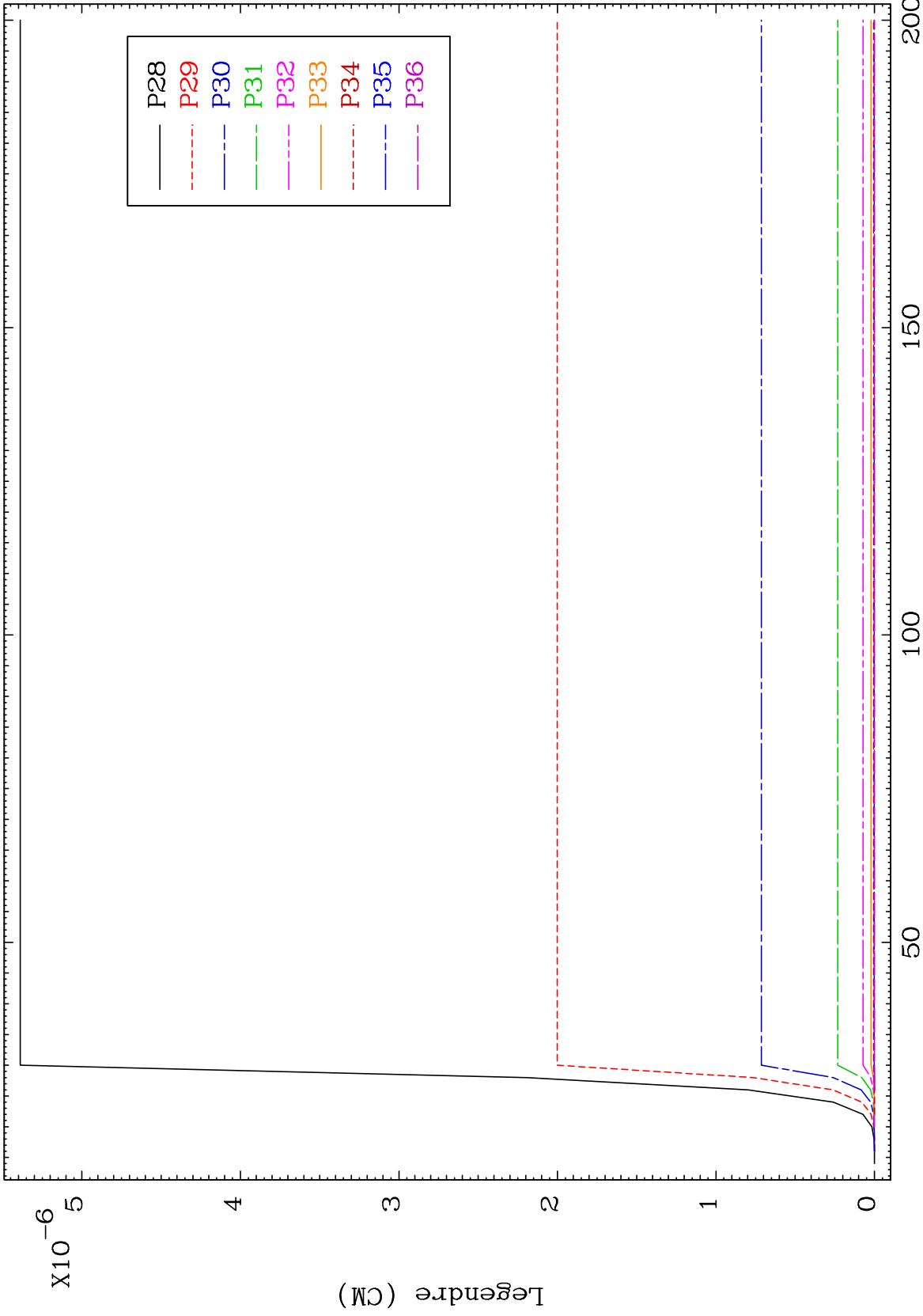
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



39

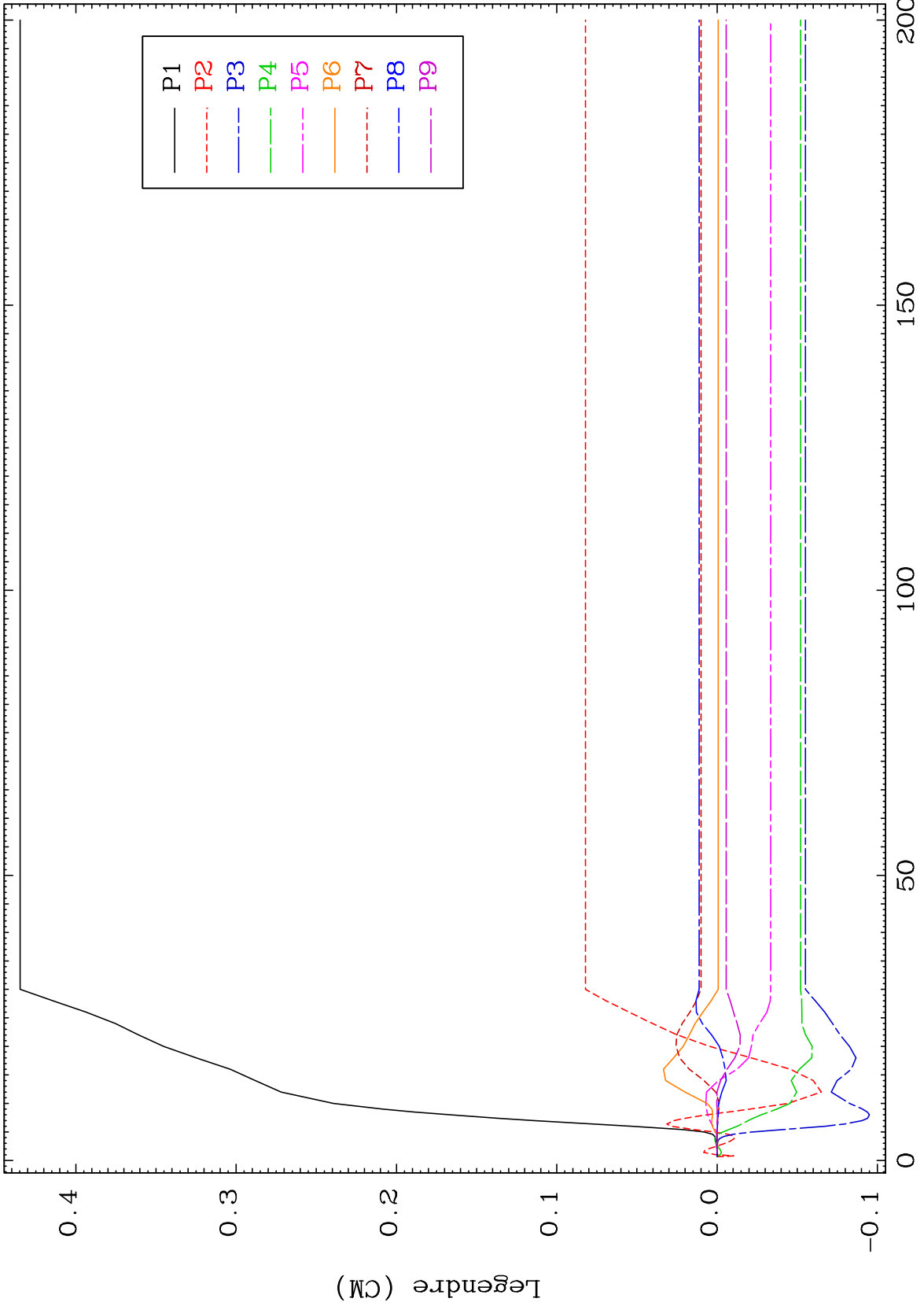
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



59-Pr-151

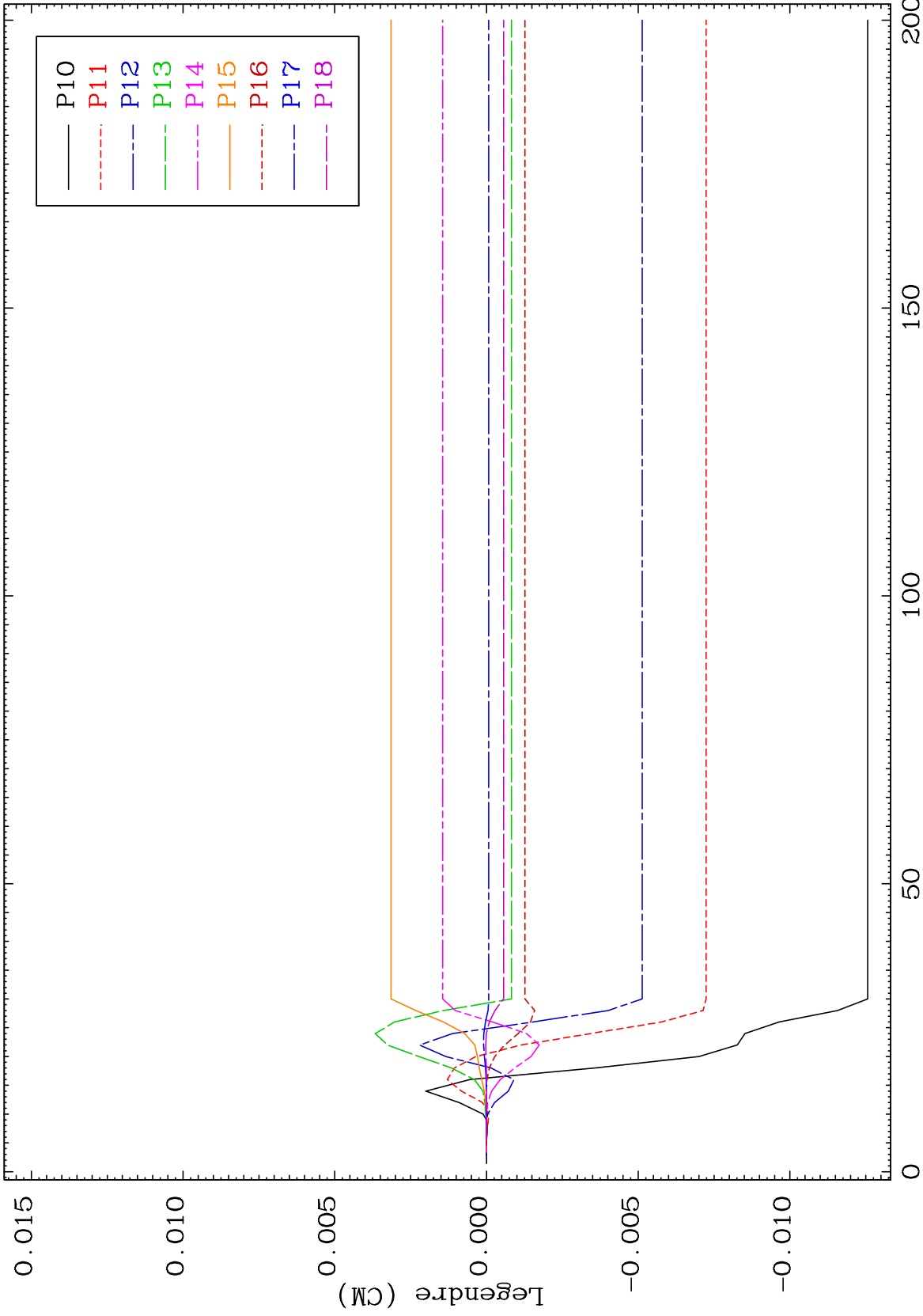
Incident Energy (MeV)

Legendre (CM)

MAT 5955

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

59-Pr-151



41

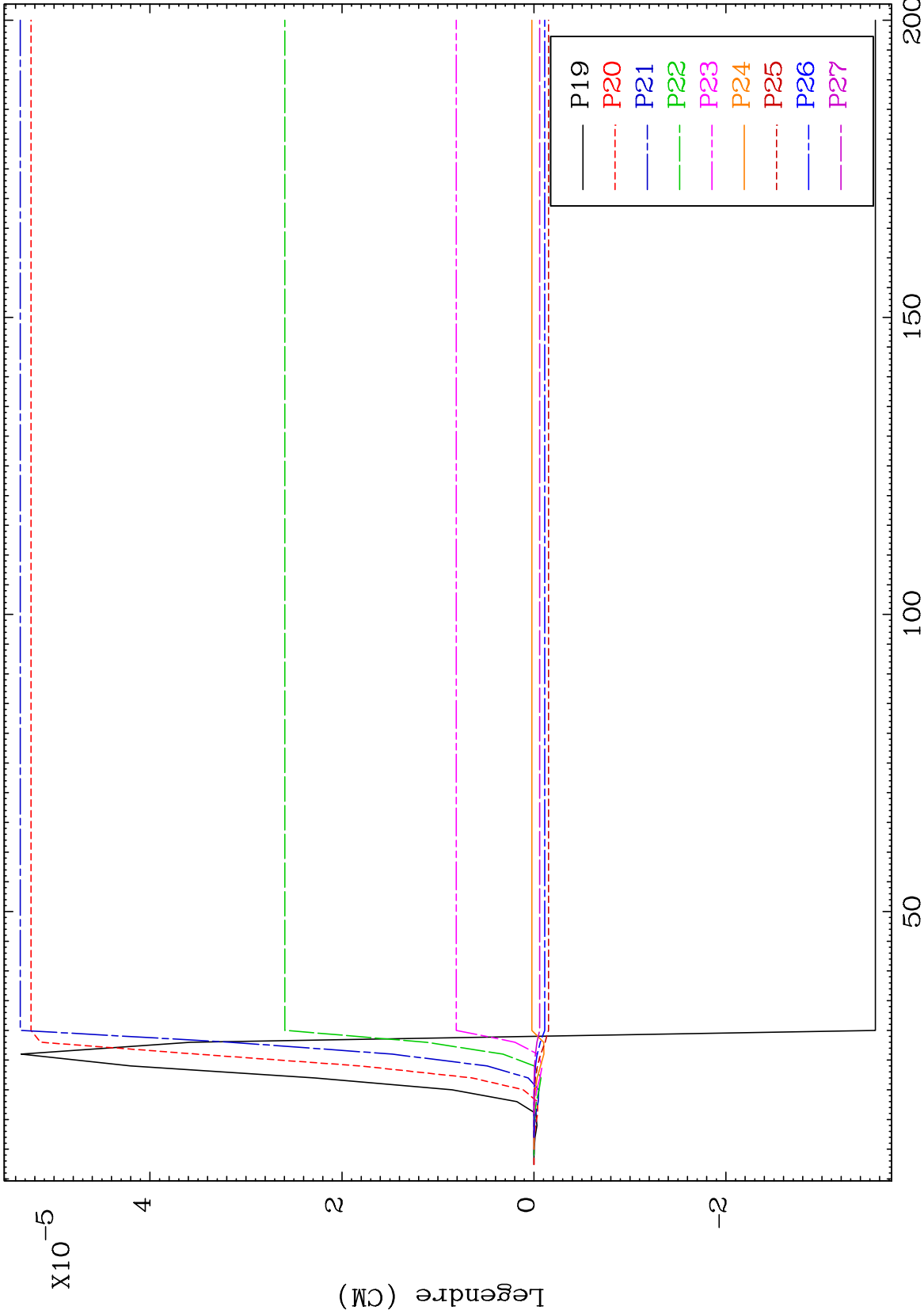
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151

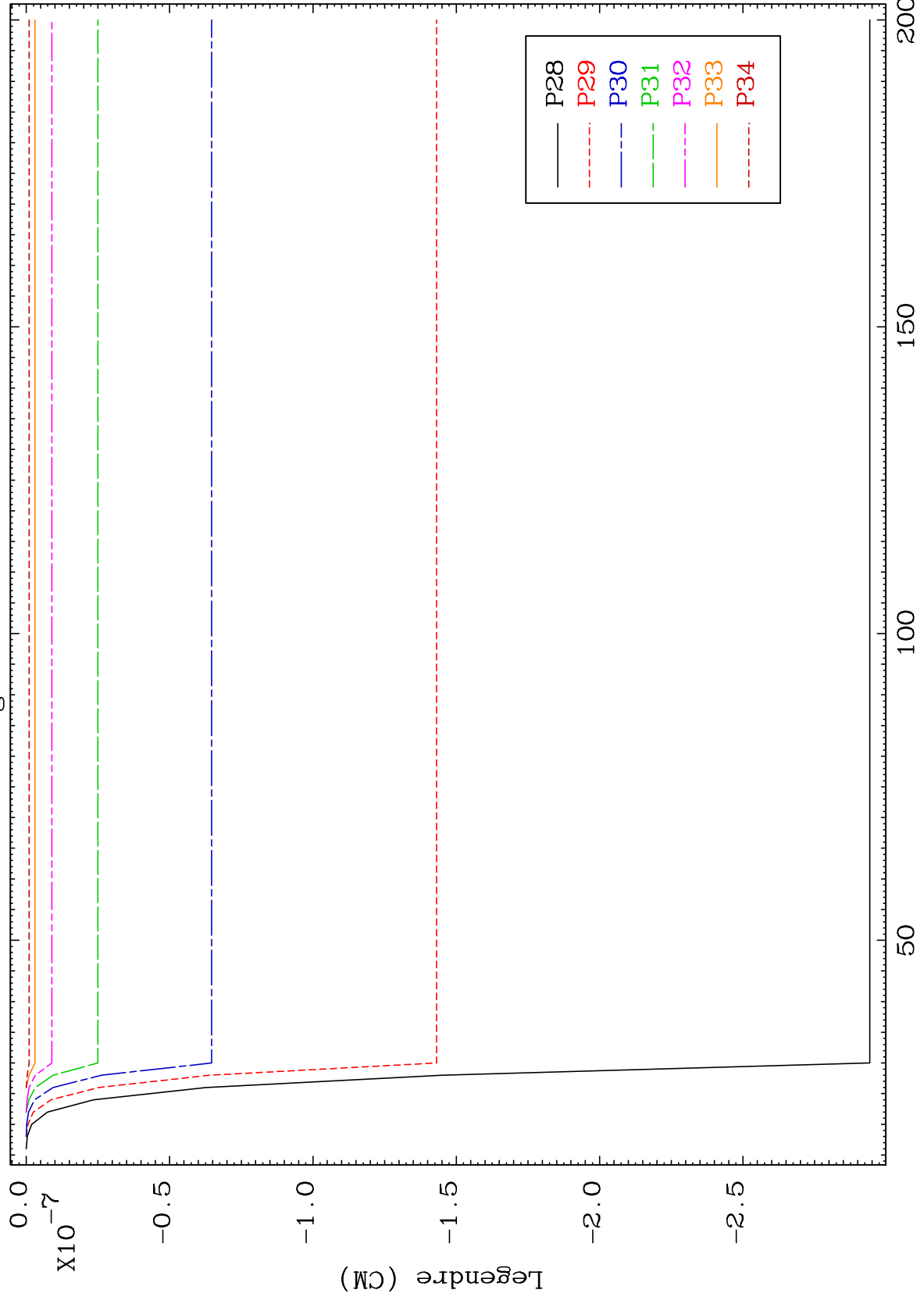


42

Incident Energy (MeV)

59-Pr-151

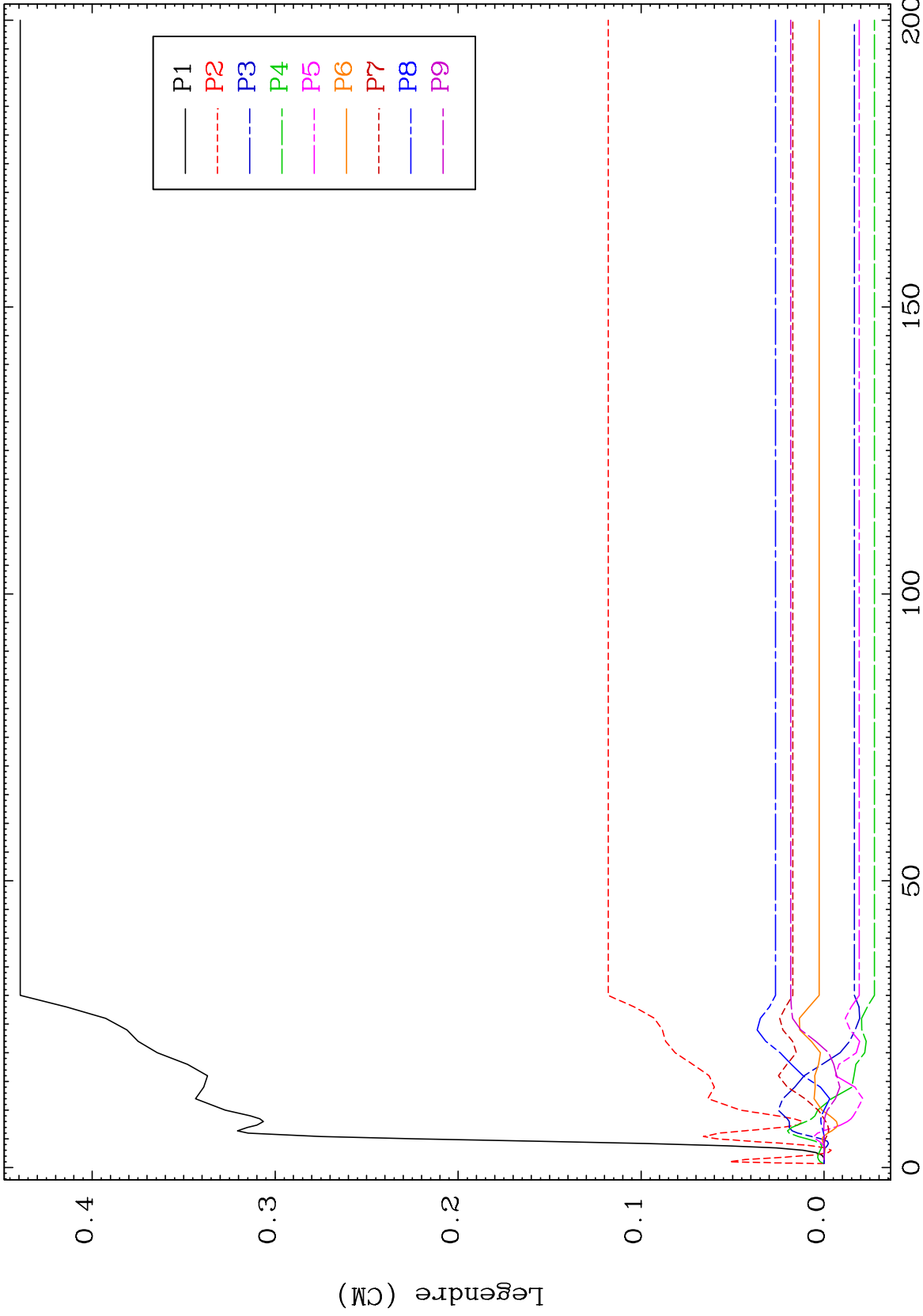
MAT 5955 MT= 56 (n,n') Level Legendre Coefficients 59-Pr-151



MAT 5955

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

59-Pr-151



44

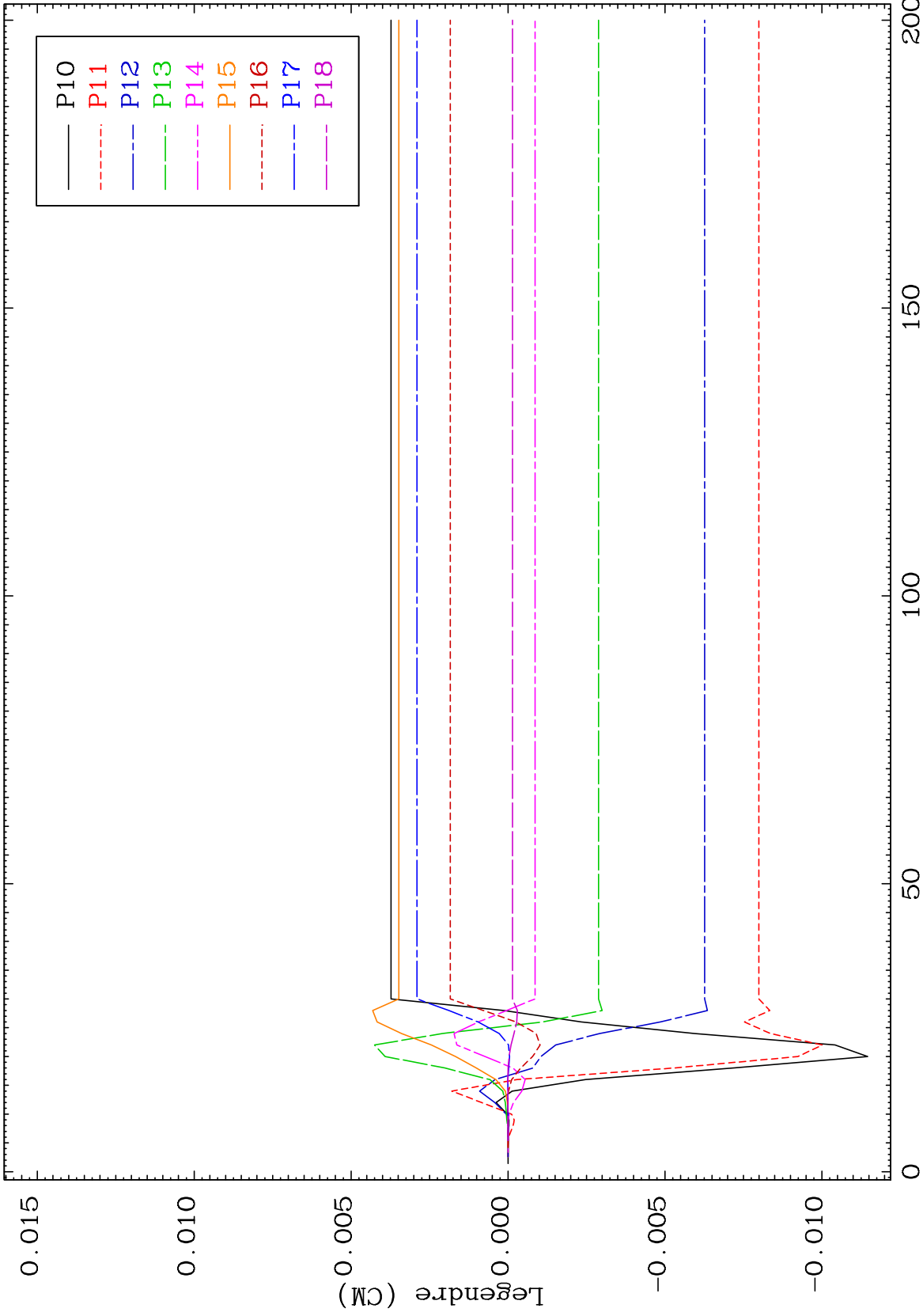
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



45

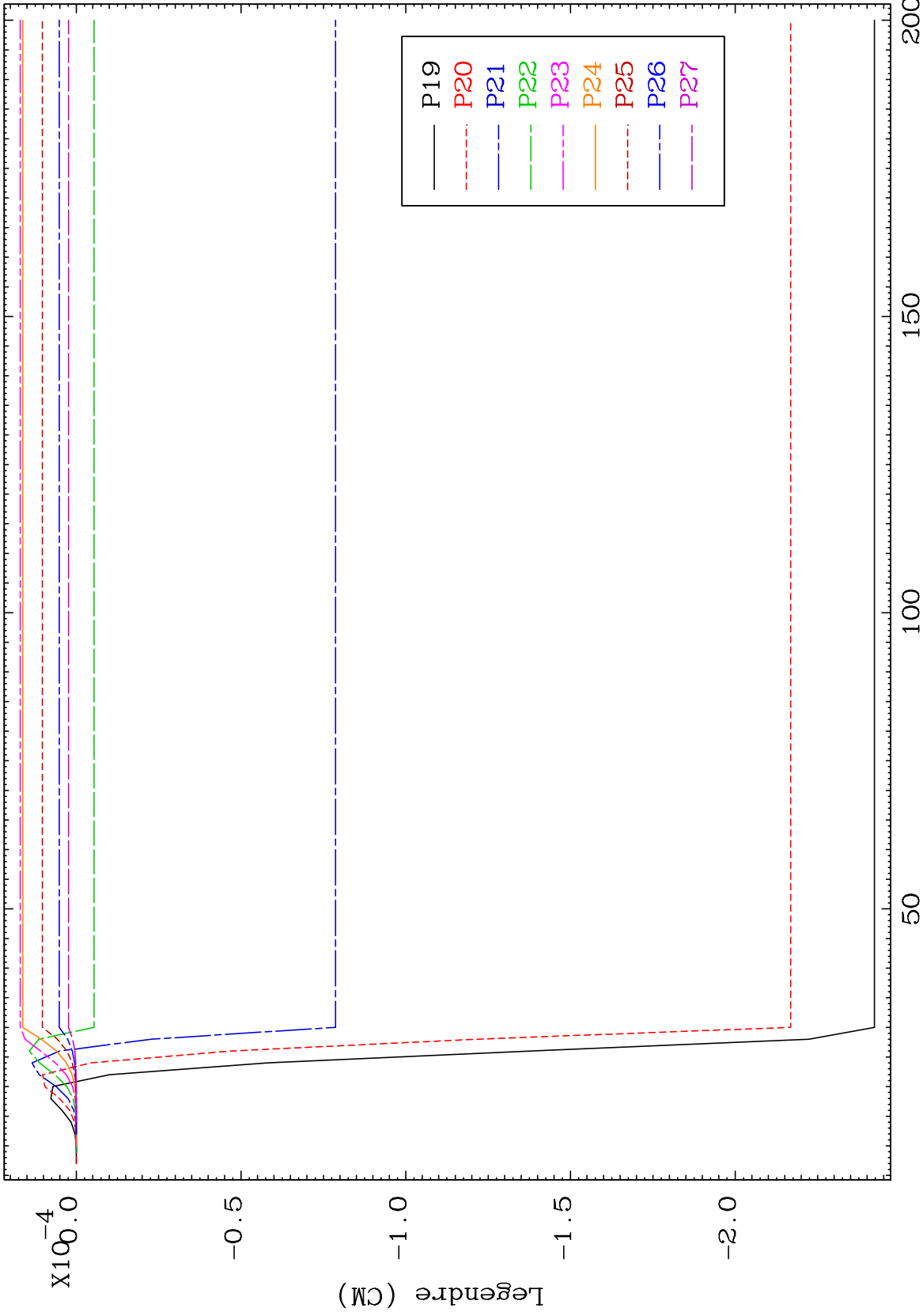
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



46

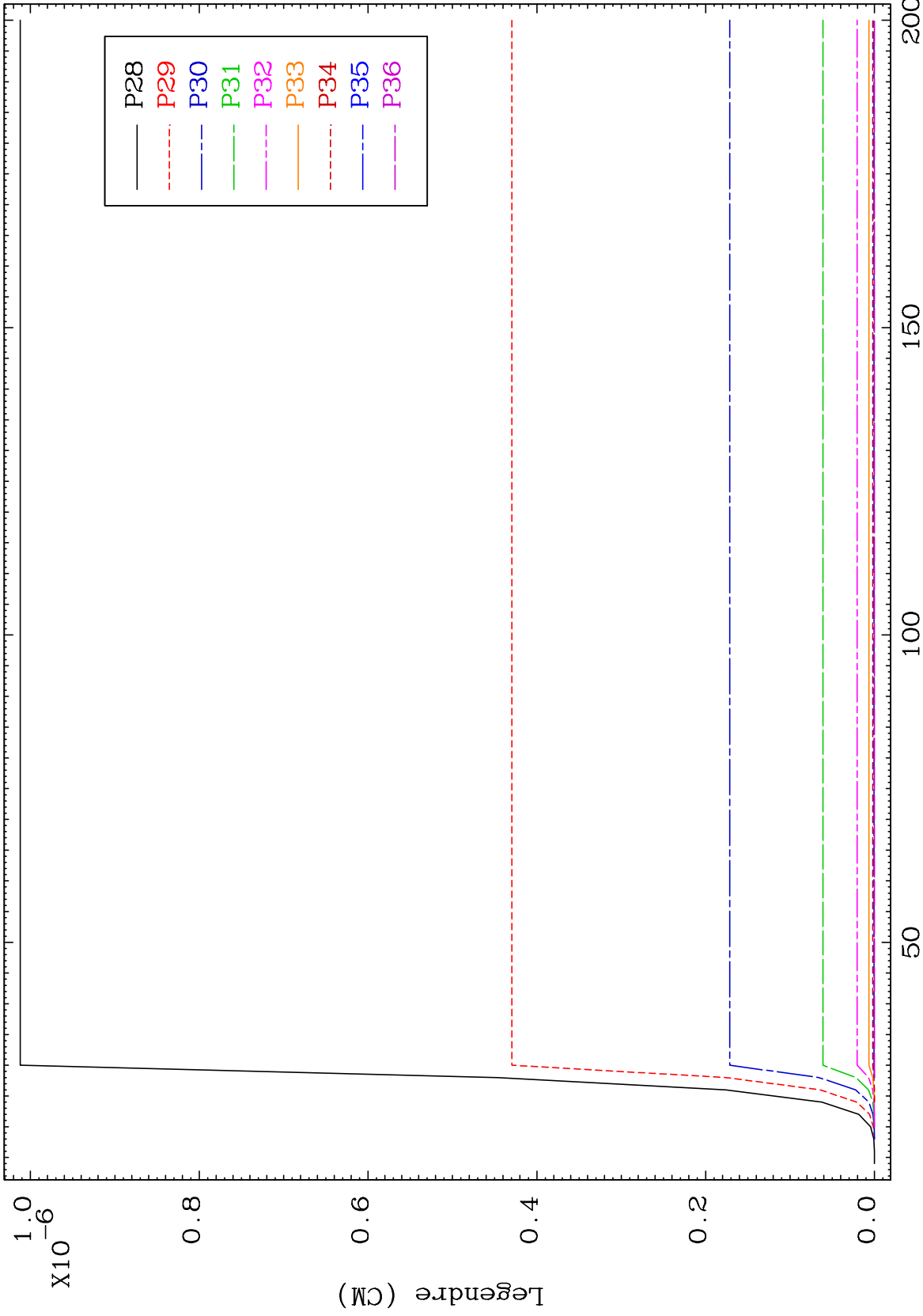
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



47

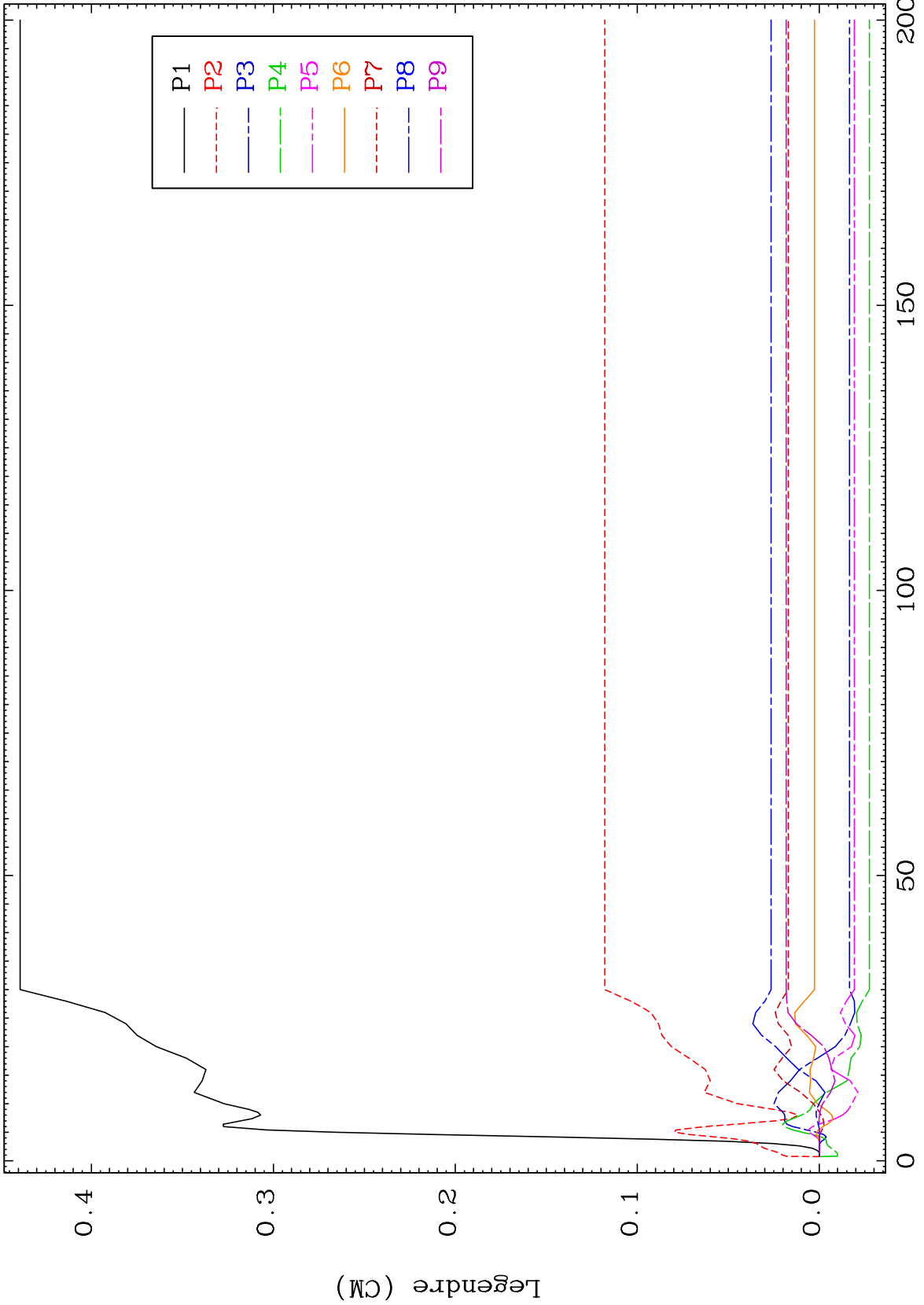
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



48

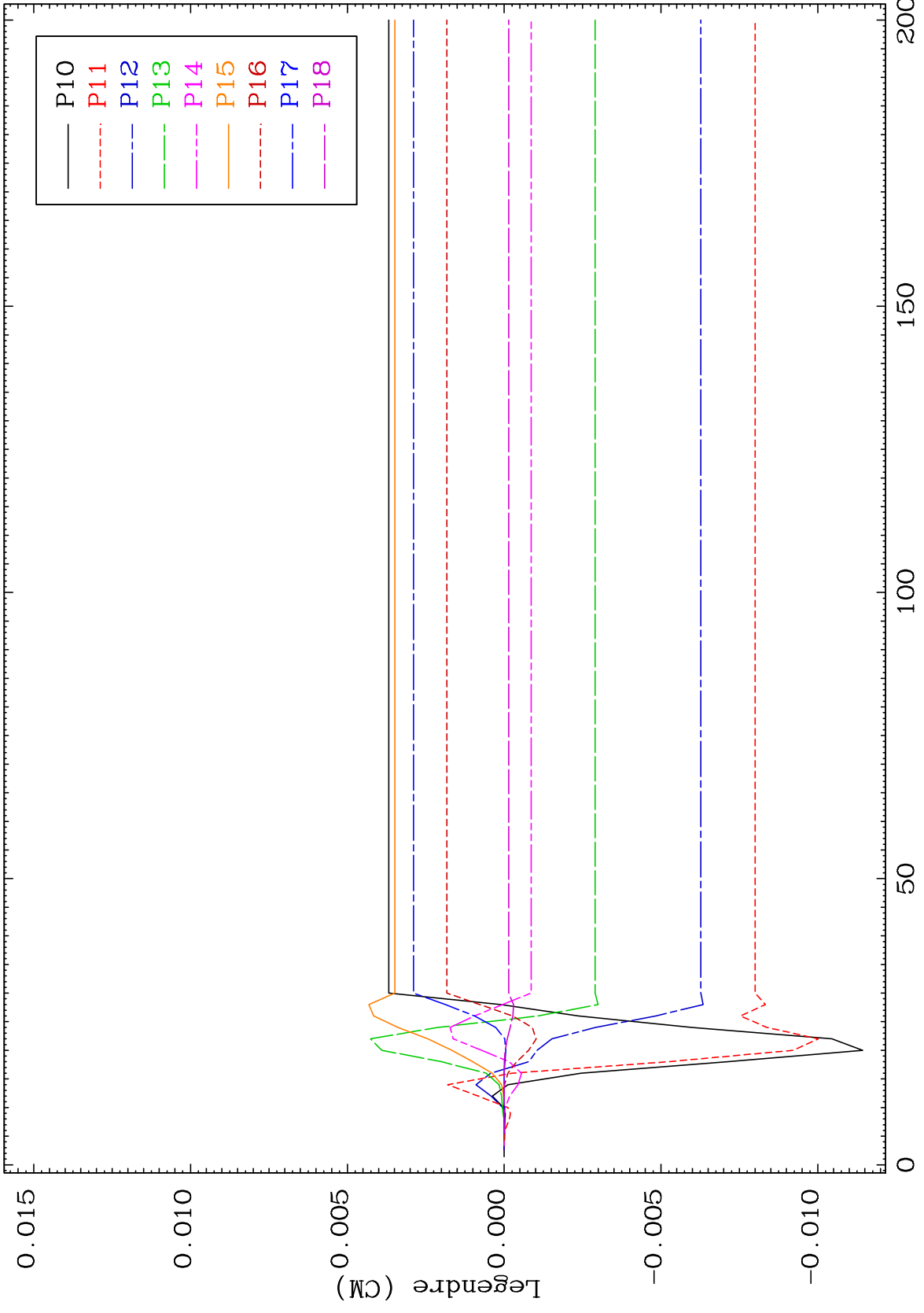
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151

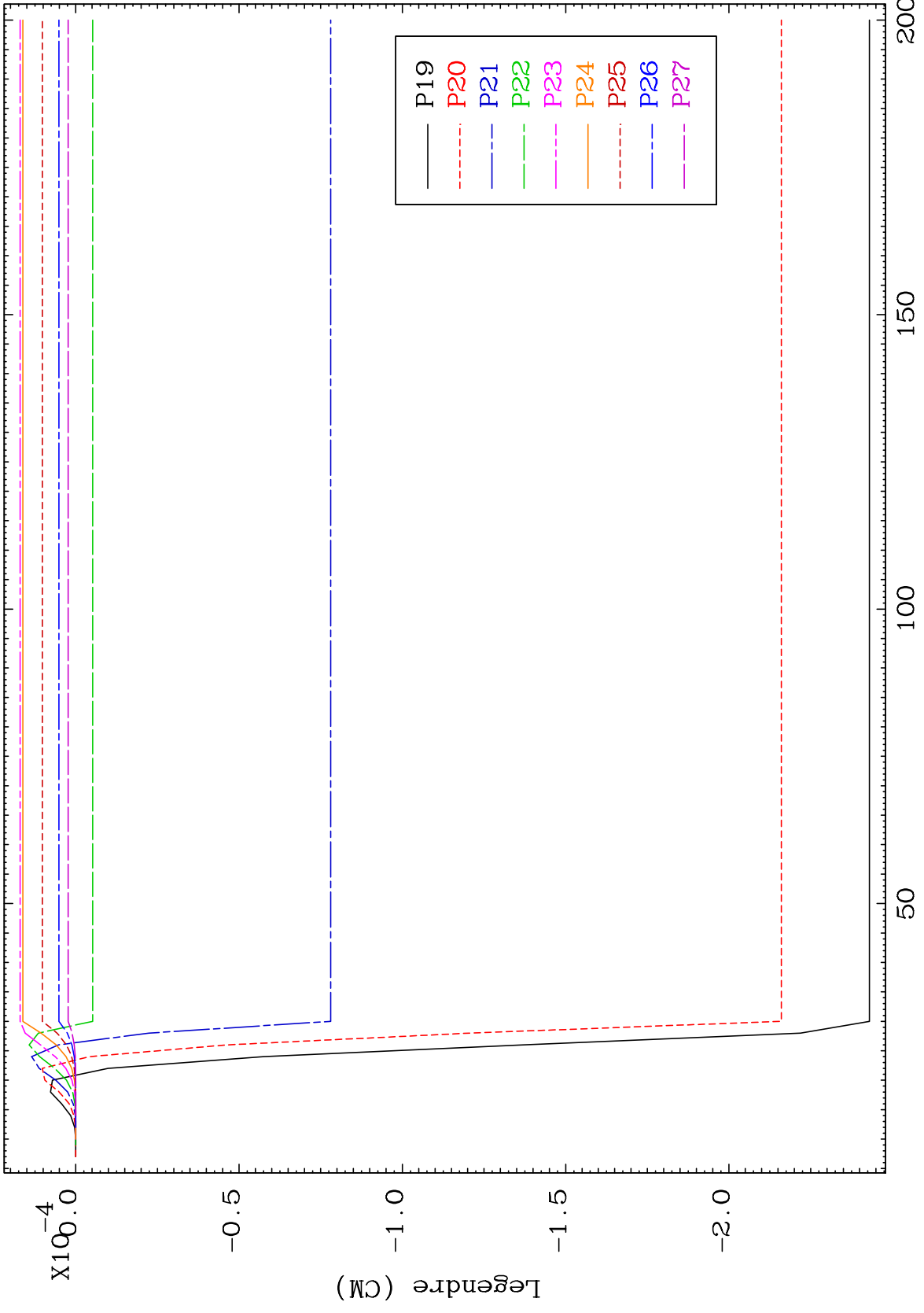


49

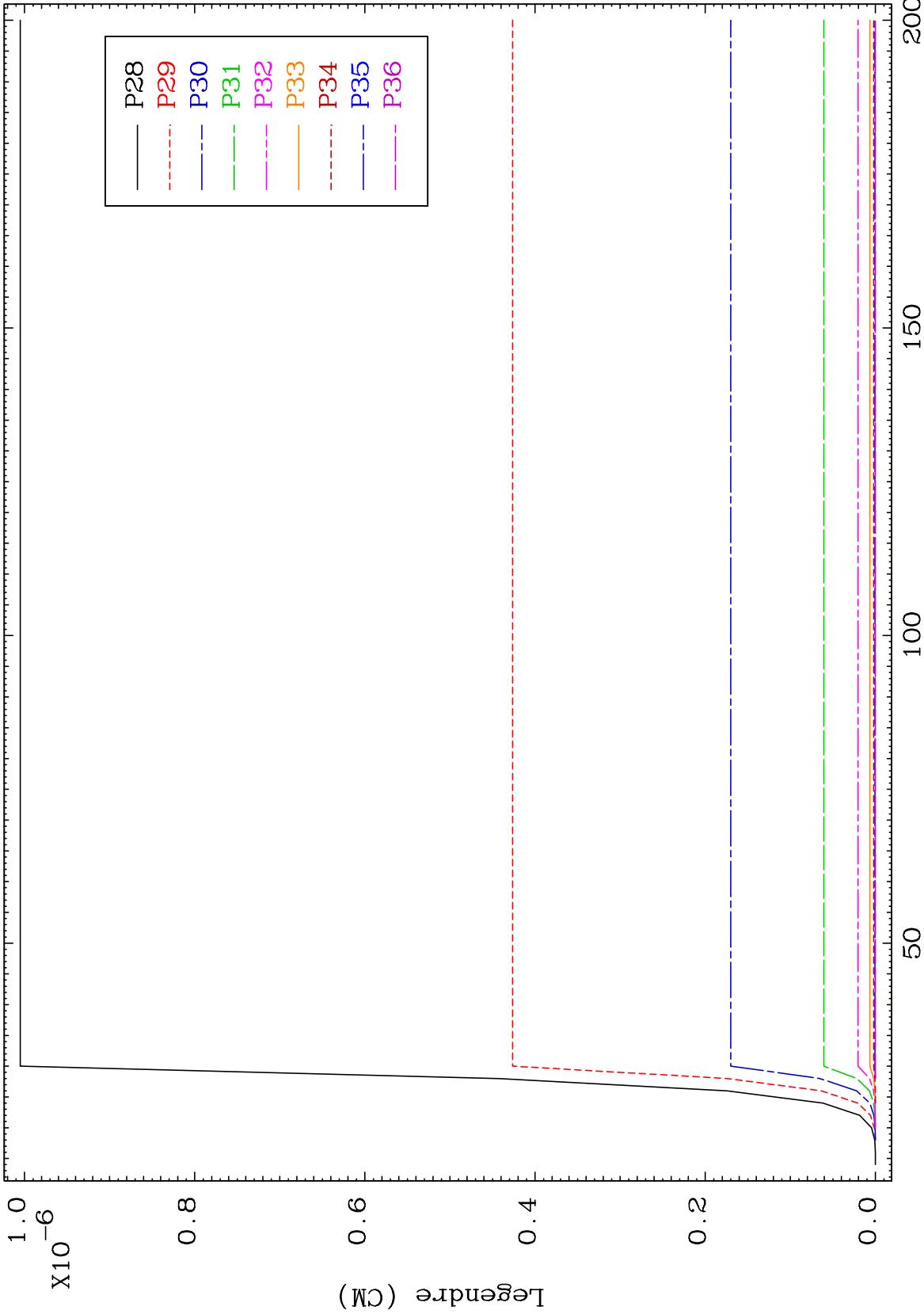
Incident Energy (MeV)

59-Pr-151

MAT 5955 MT= 58 (n,n') Level Legendre Coefficients 59-Pr-151



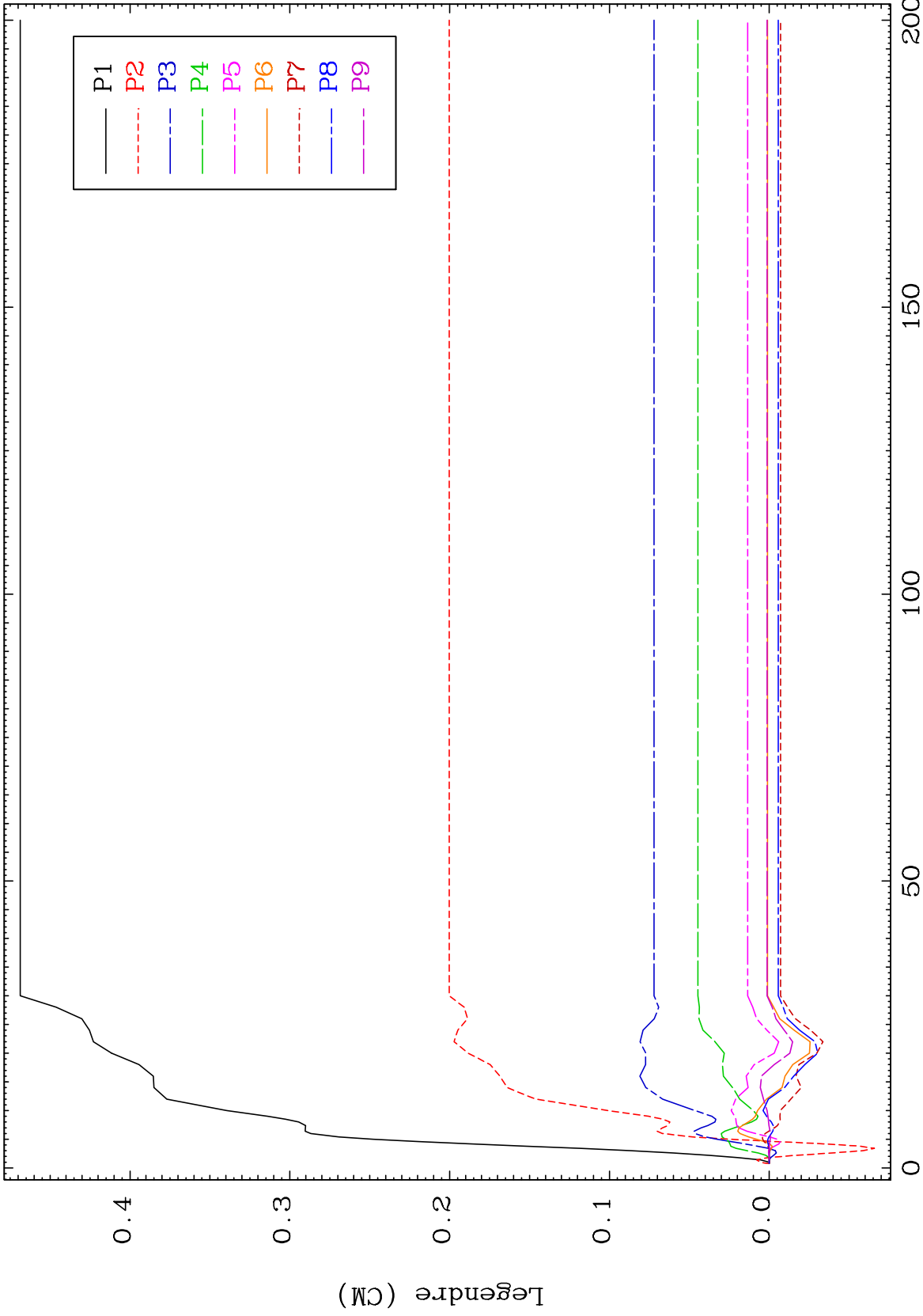
50 Incident Energy (MeV) 59-Pr-151



MAT 5955

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

59-Pr-151



52

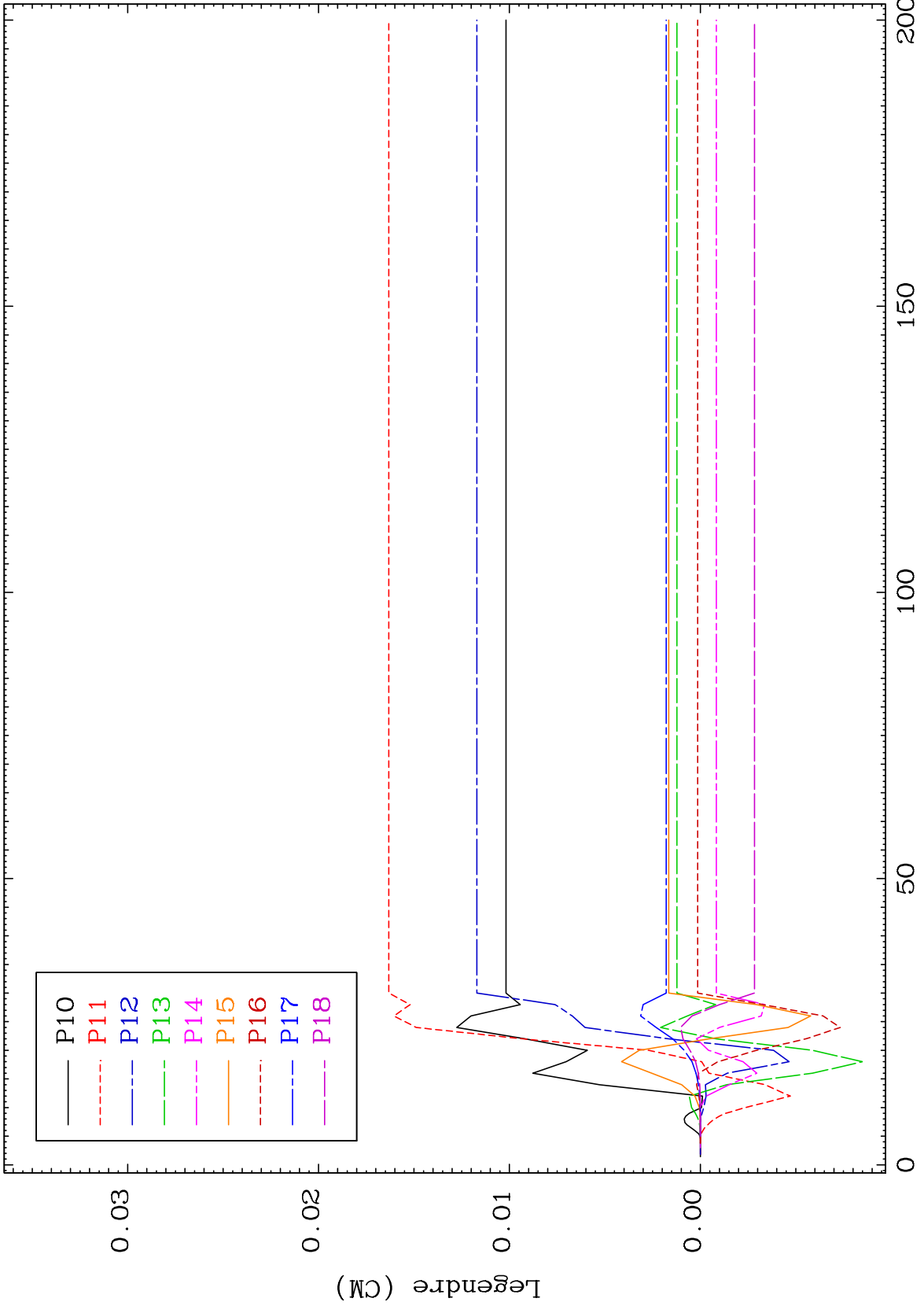
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



53

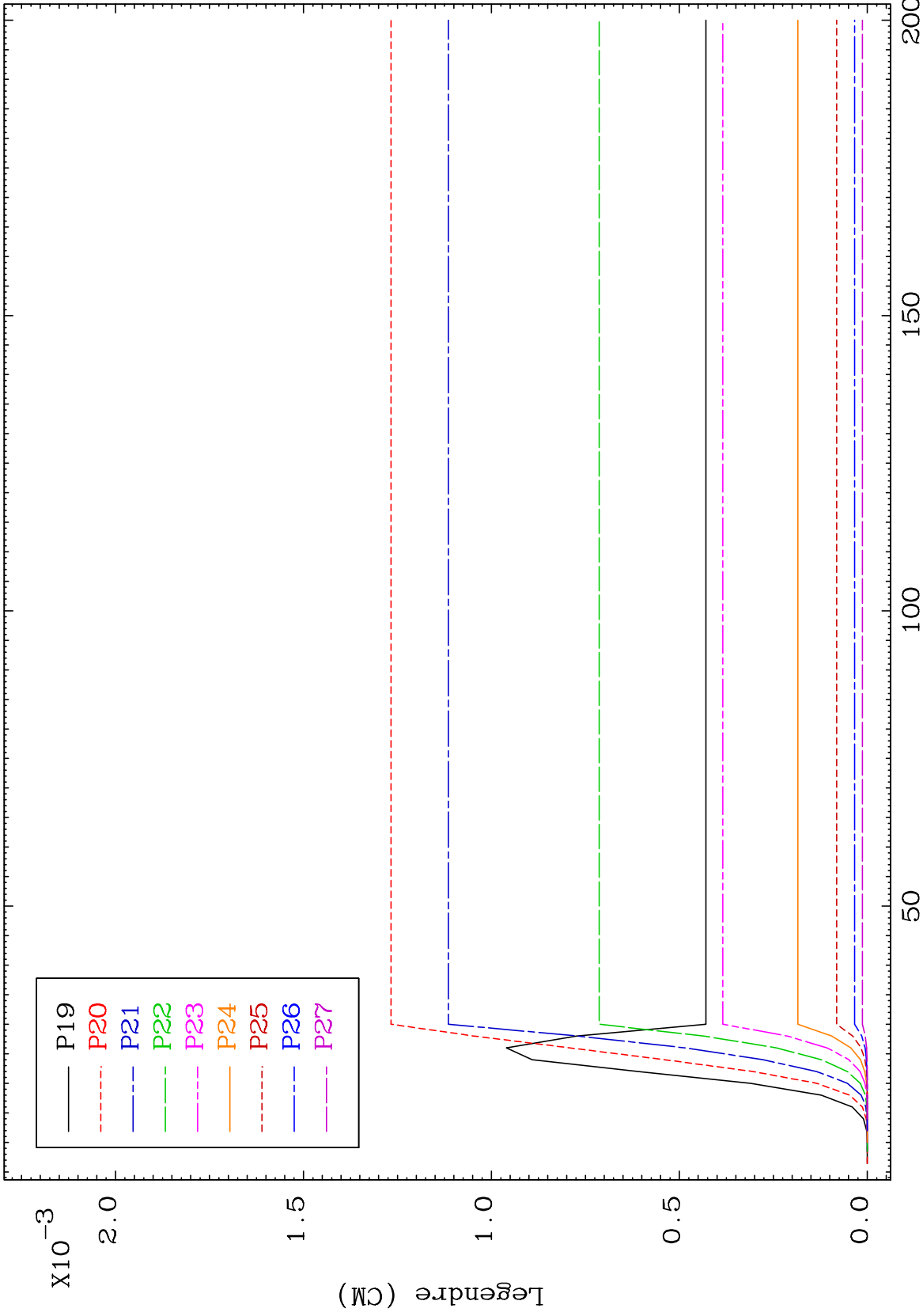
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



54

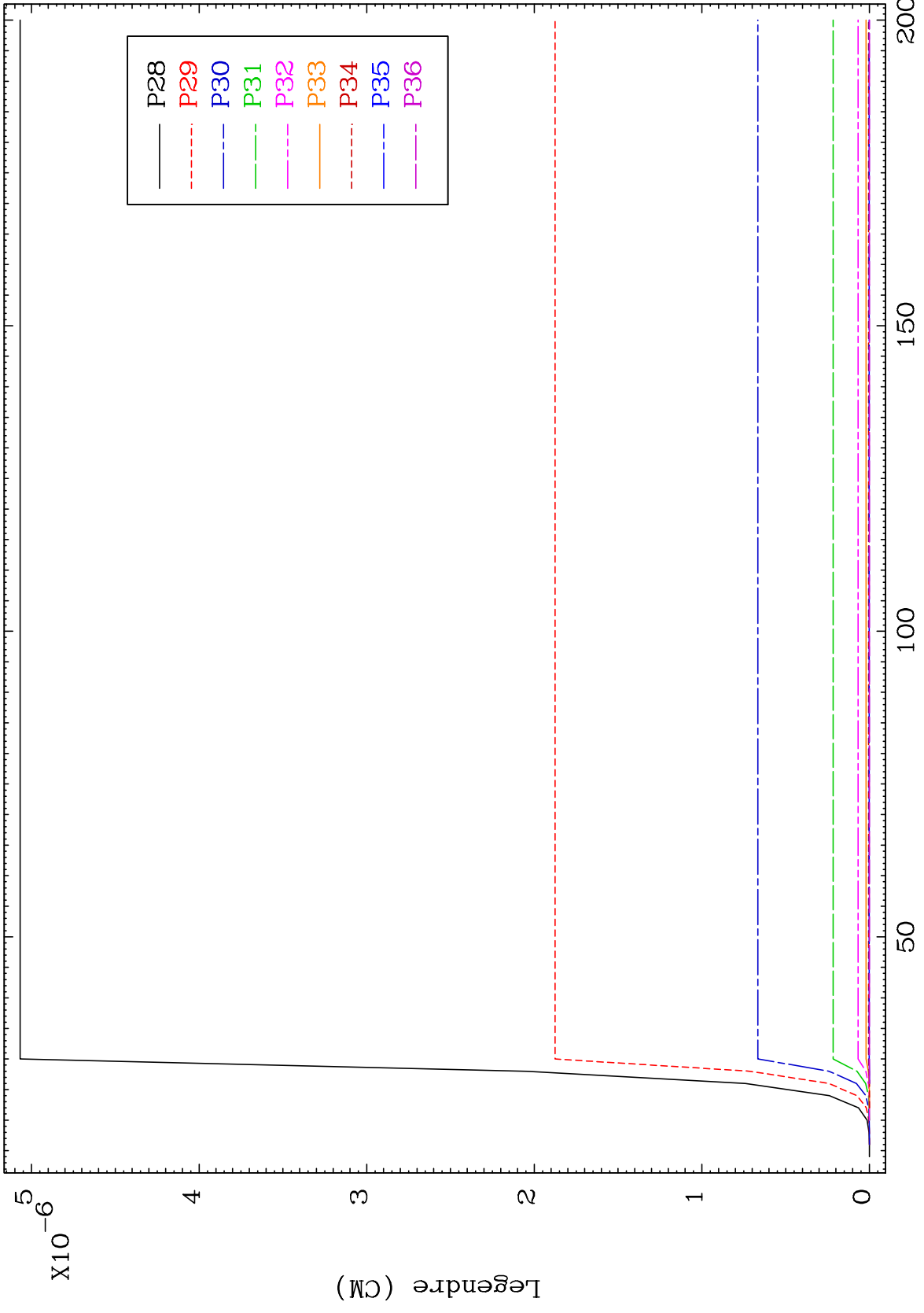
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



55

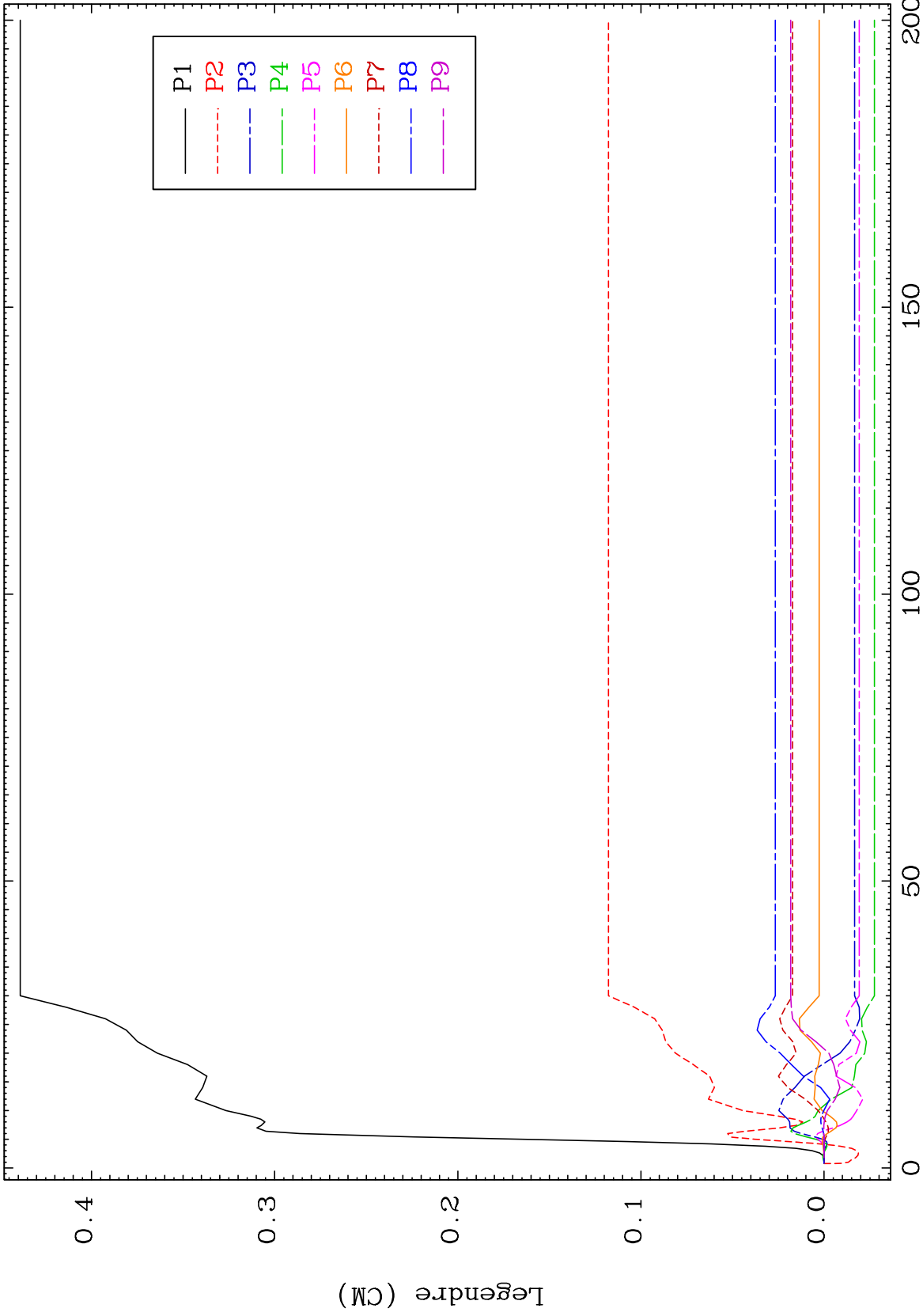
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



56

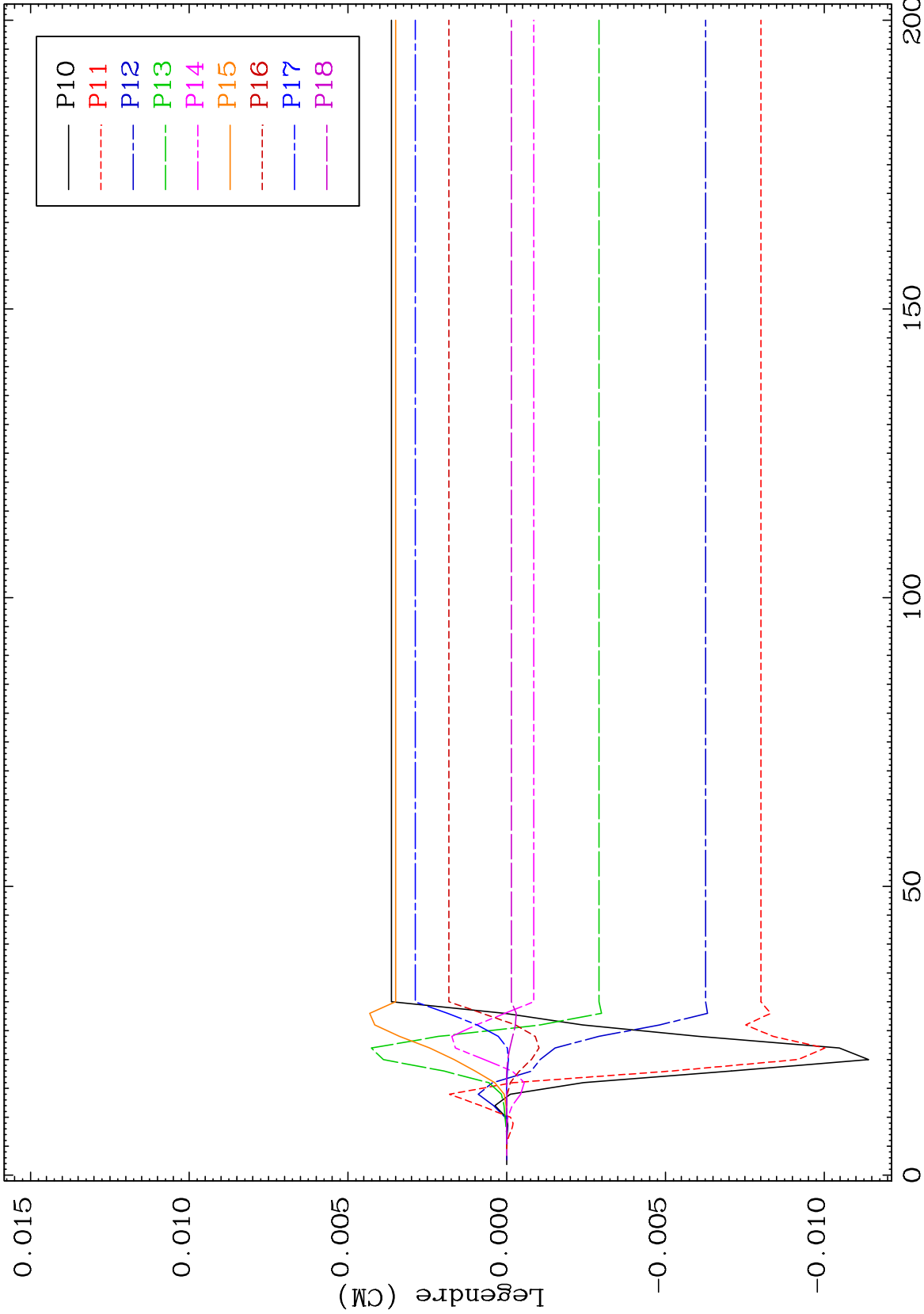
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151

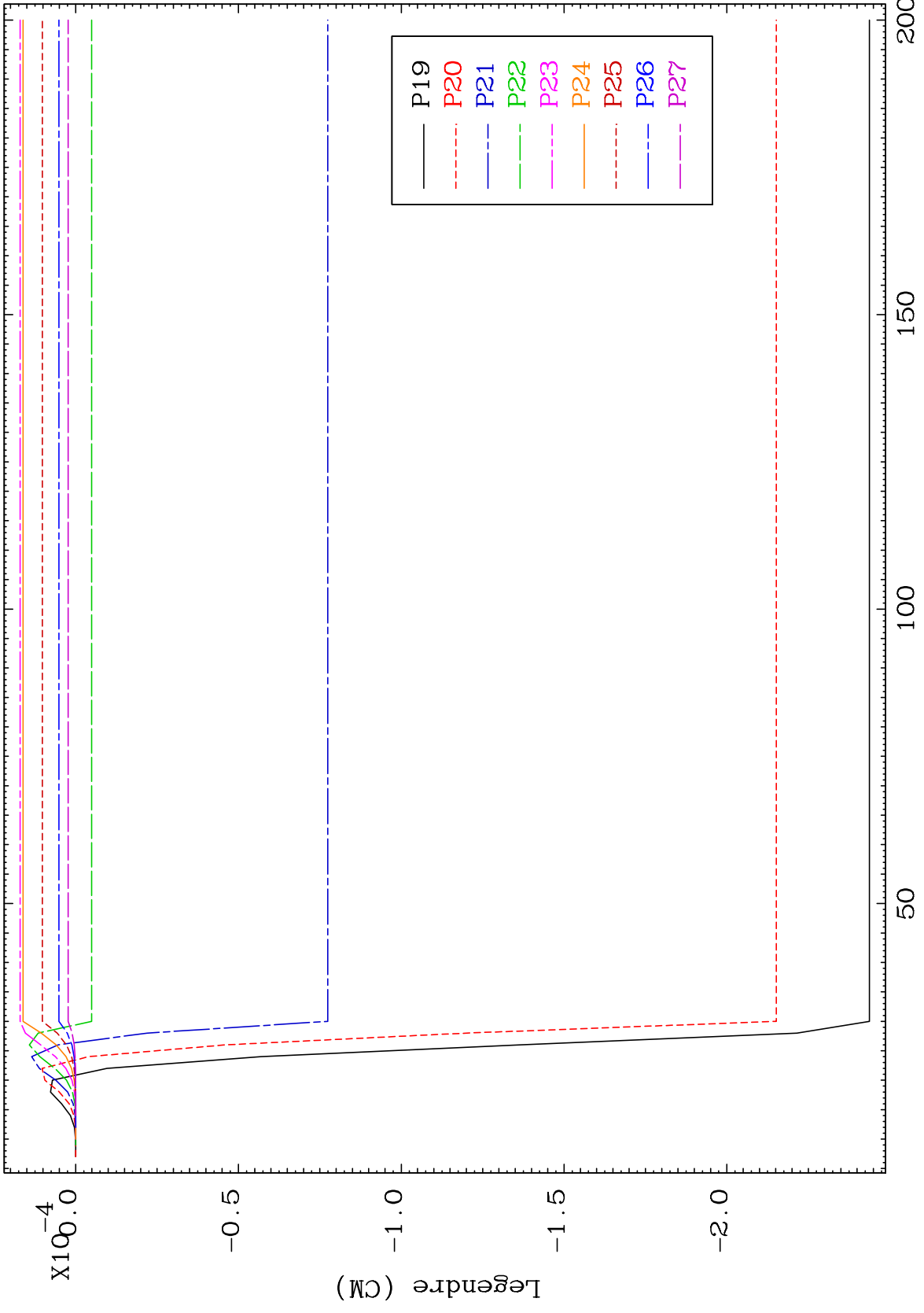


57

Incident Energy (MeV)

59-Pr-151

MAT 5955 MT= 60 (n,n') Level Legendre Coefficients 59-Pr-151

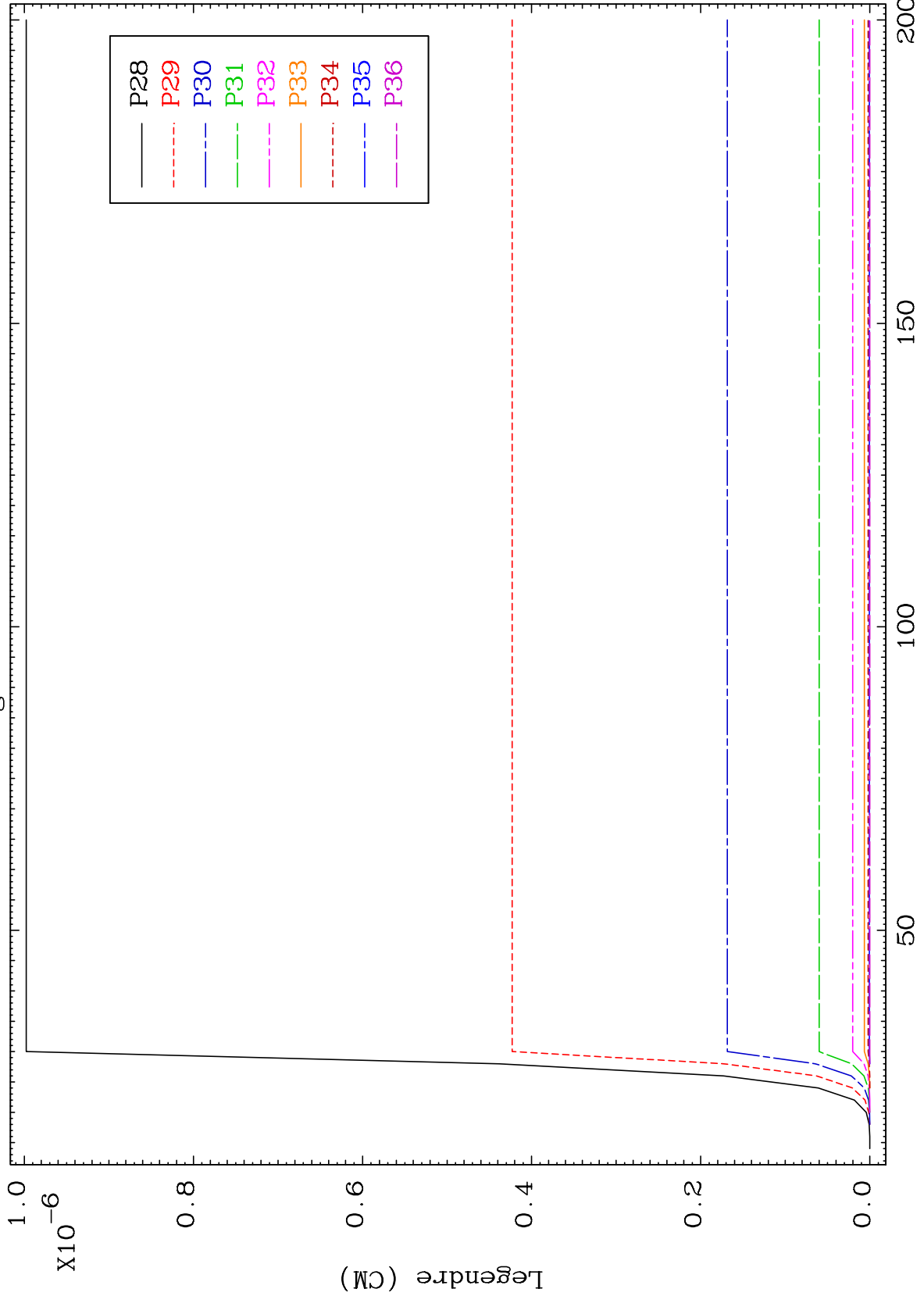


58 59-Pr-151

MAT 5955

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

59-Pr-151



59

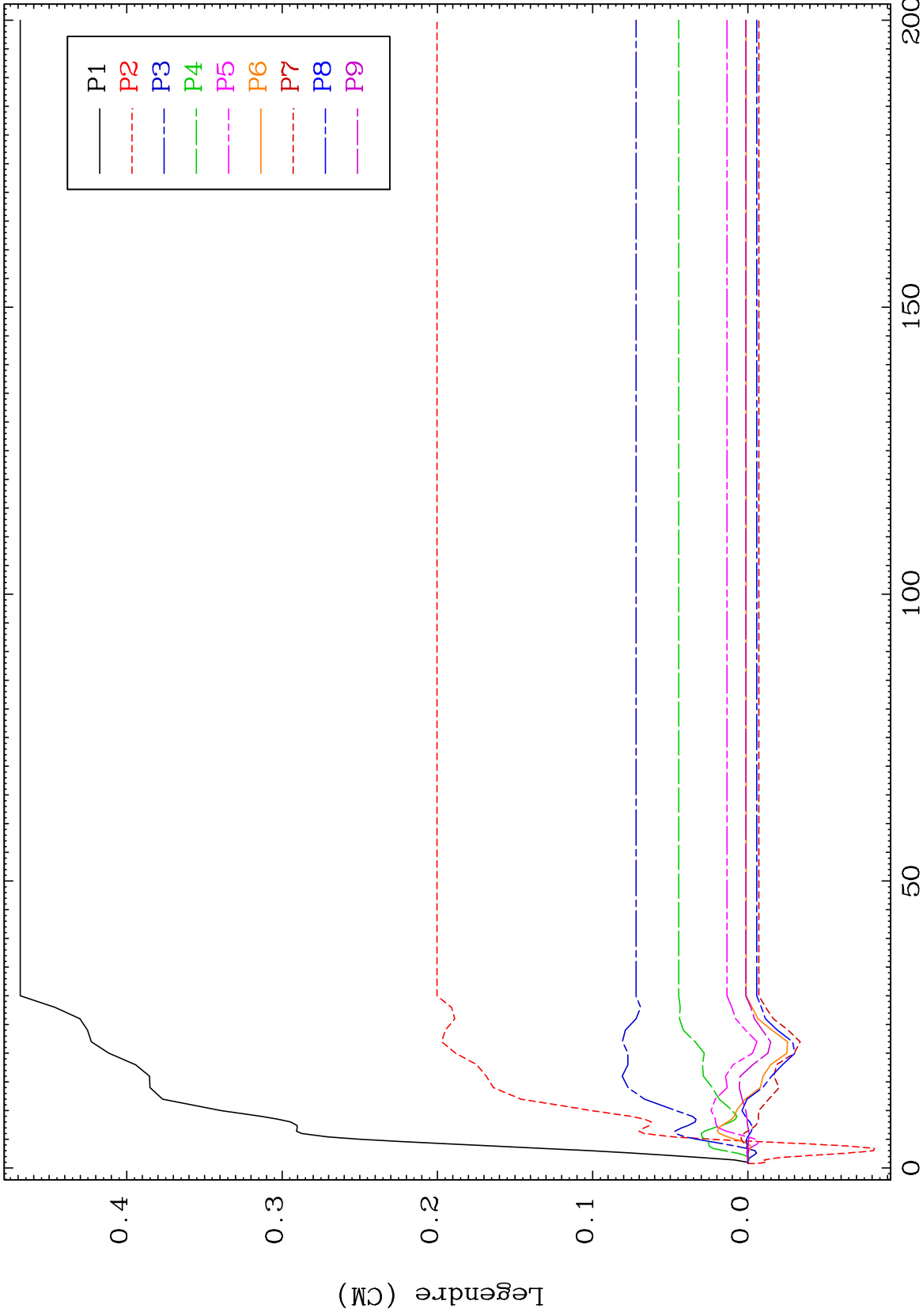
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



0

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100

150

200

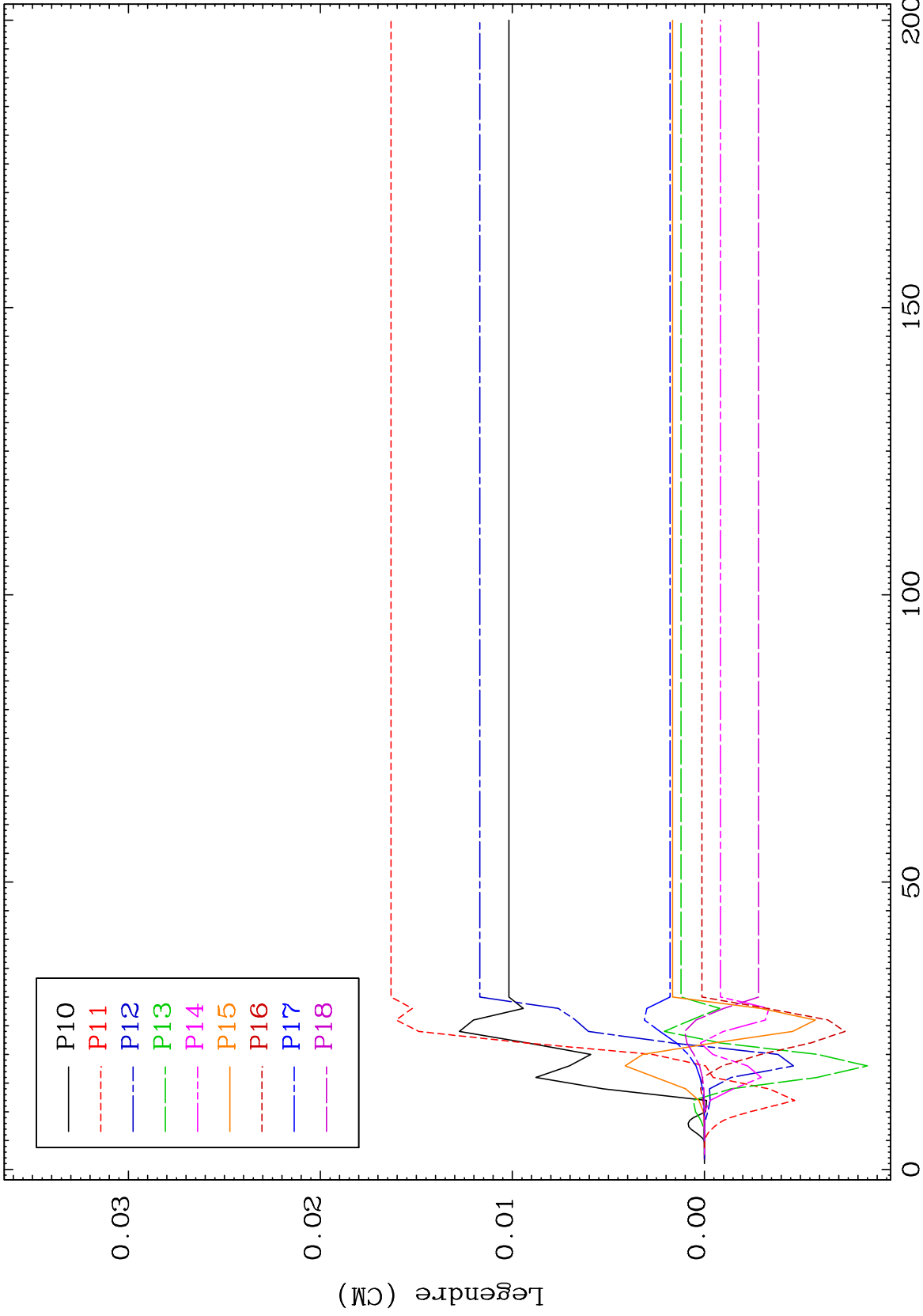
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



61

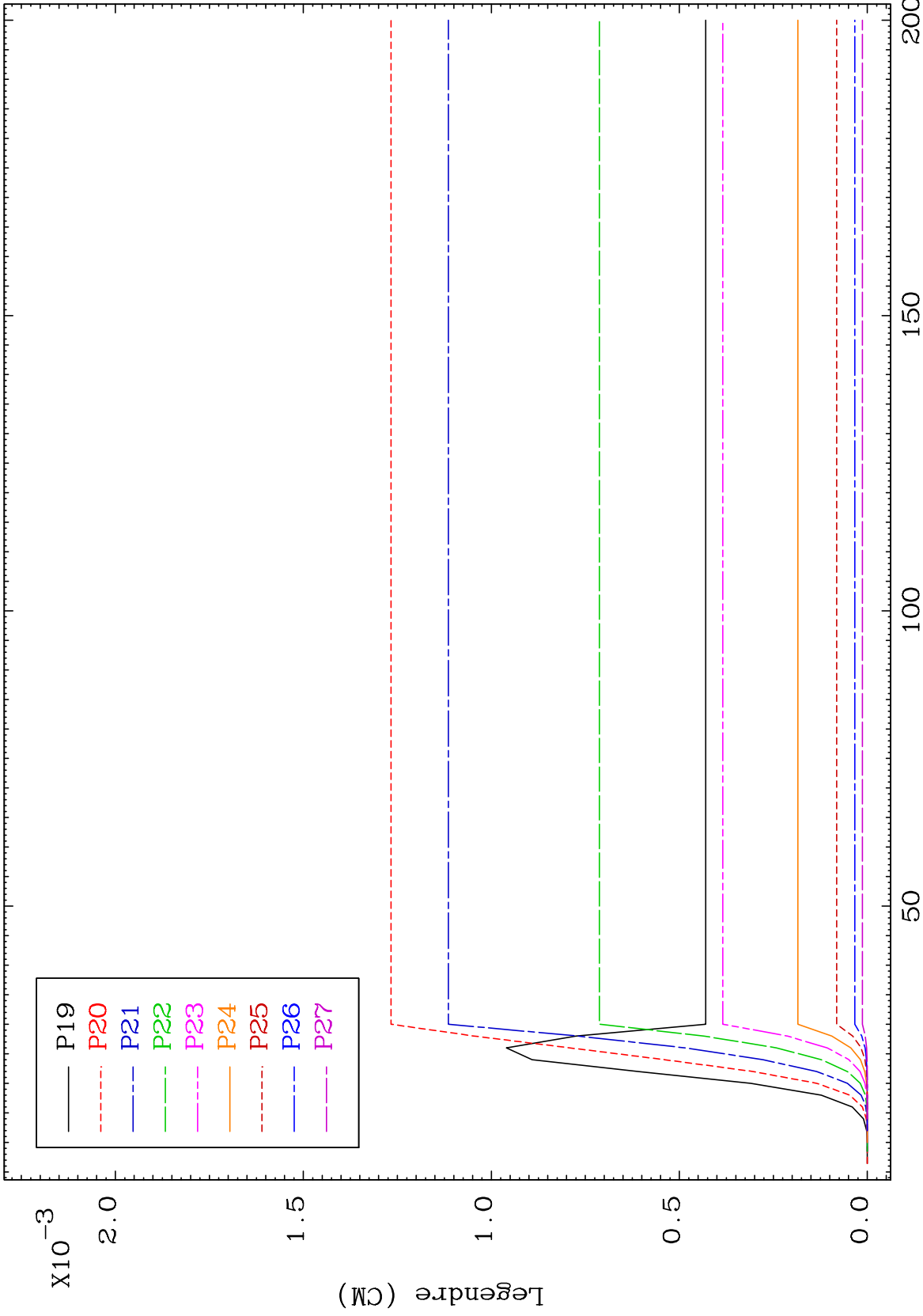
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



62

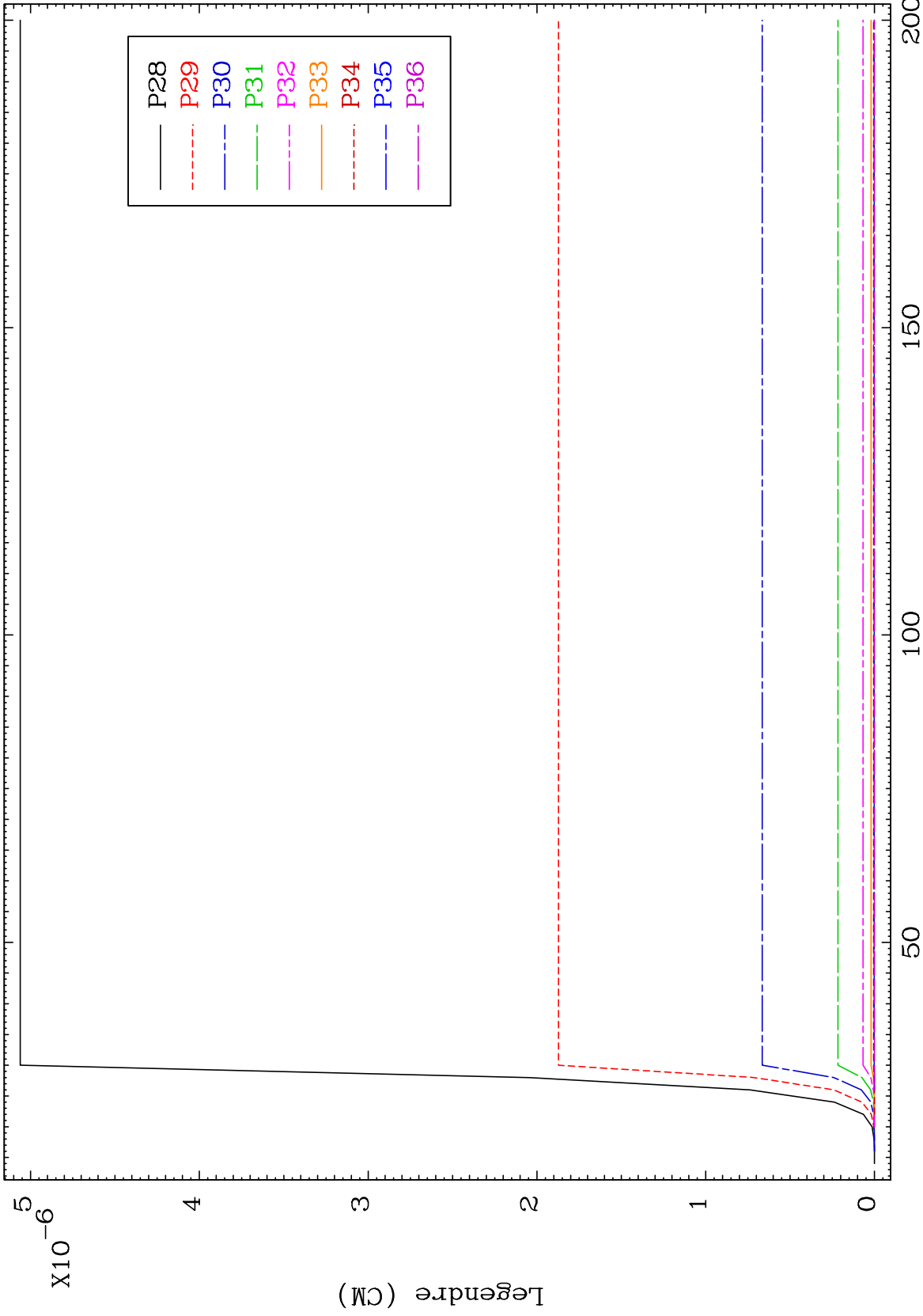
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



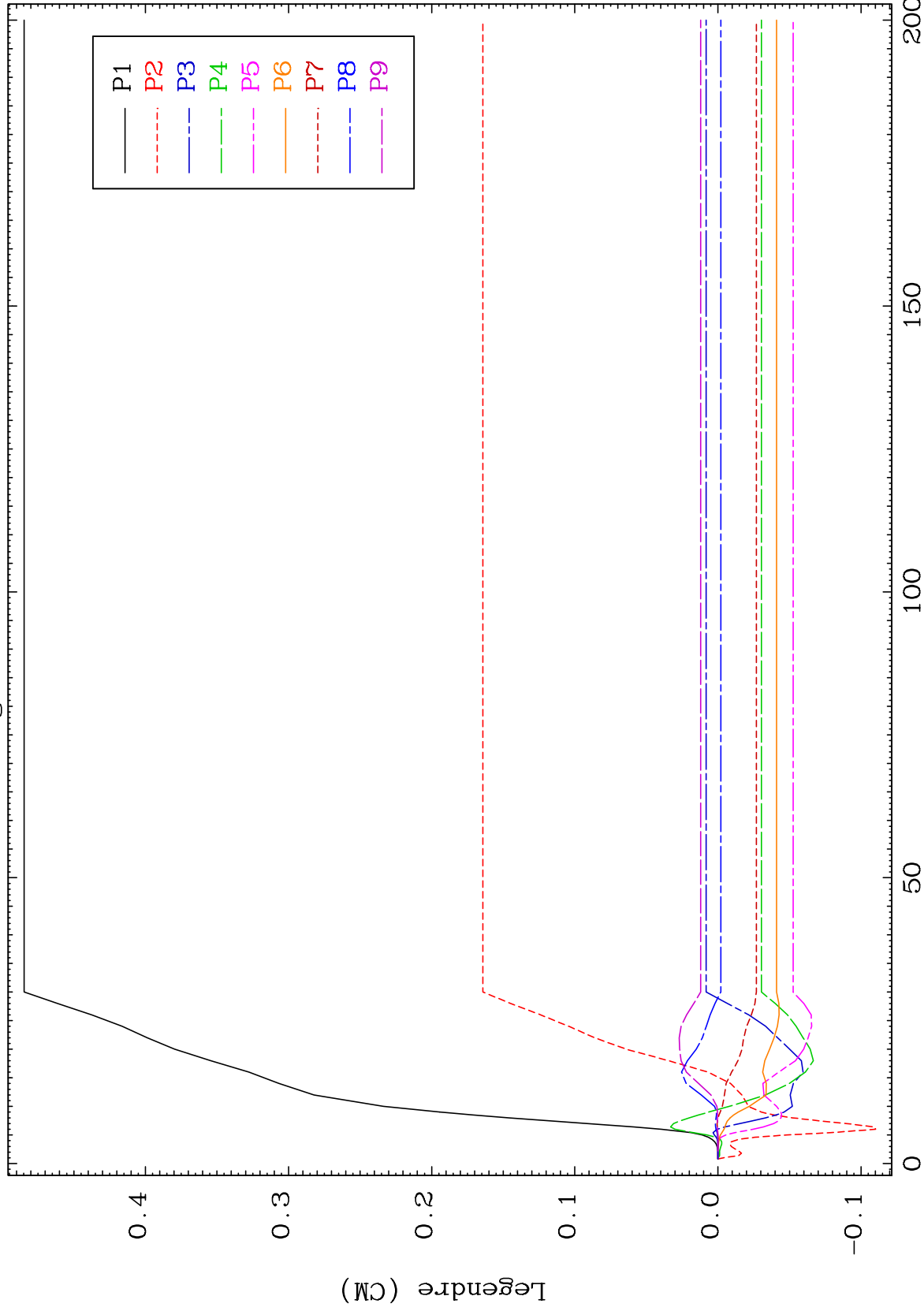
63

59-Pr-151

MAT 5955

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

59-Pr-151



64

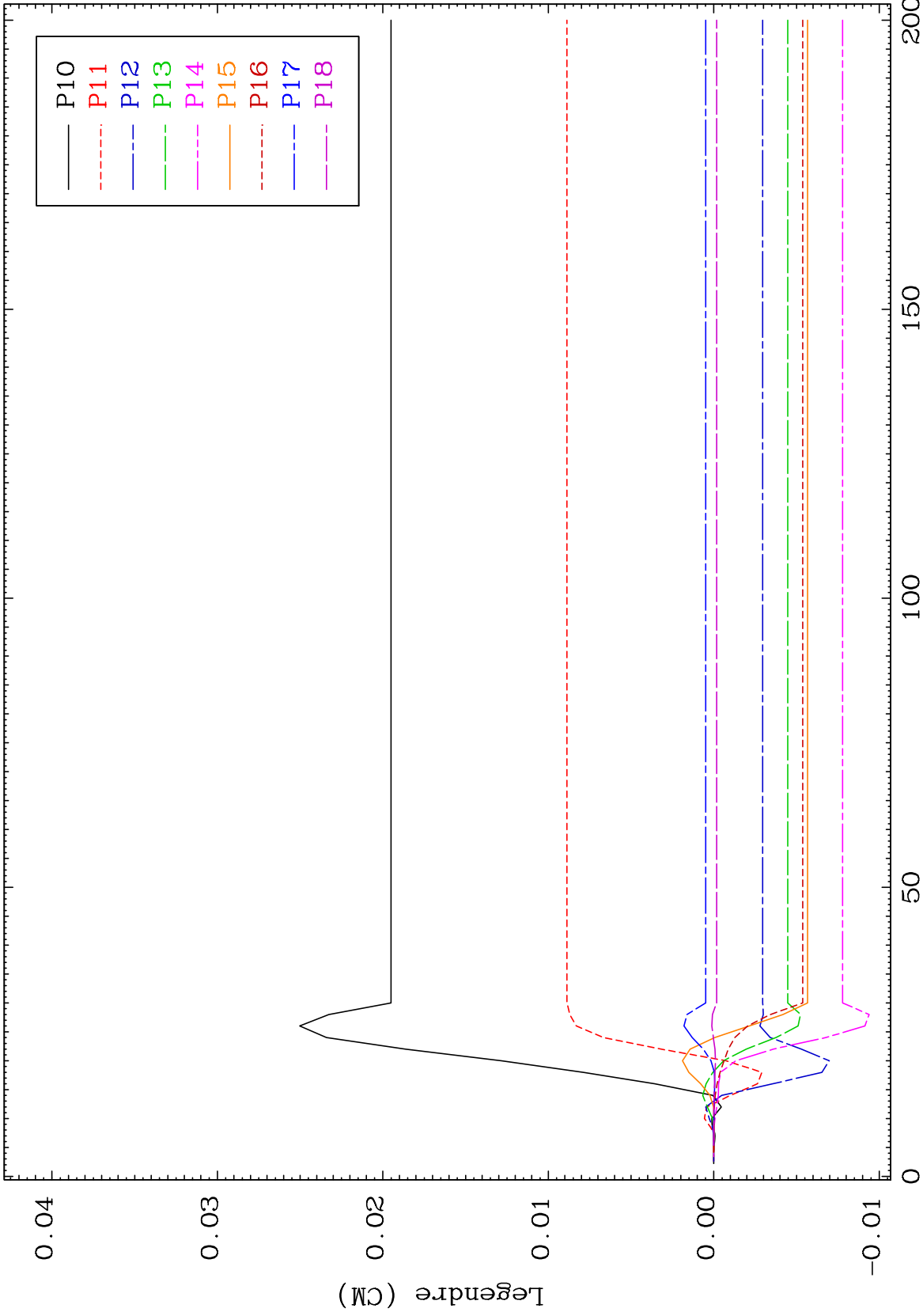
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



65

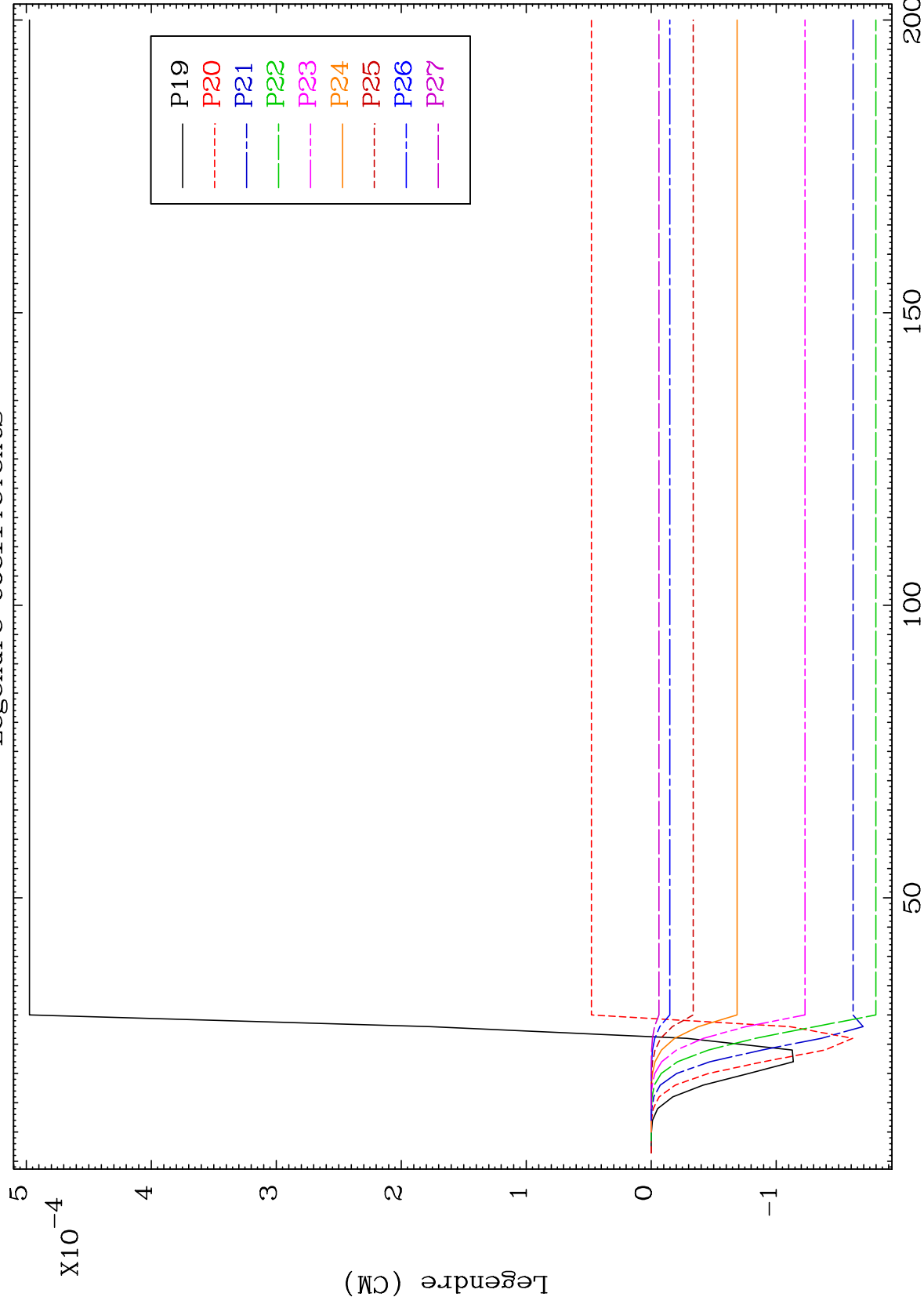
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



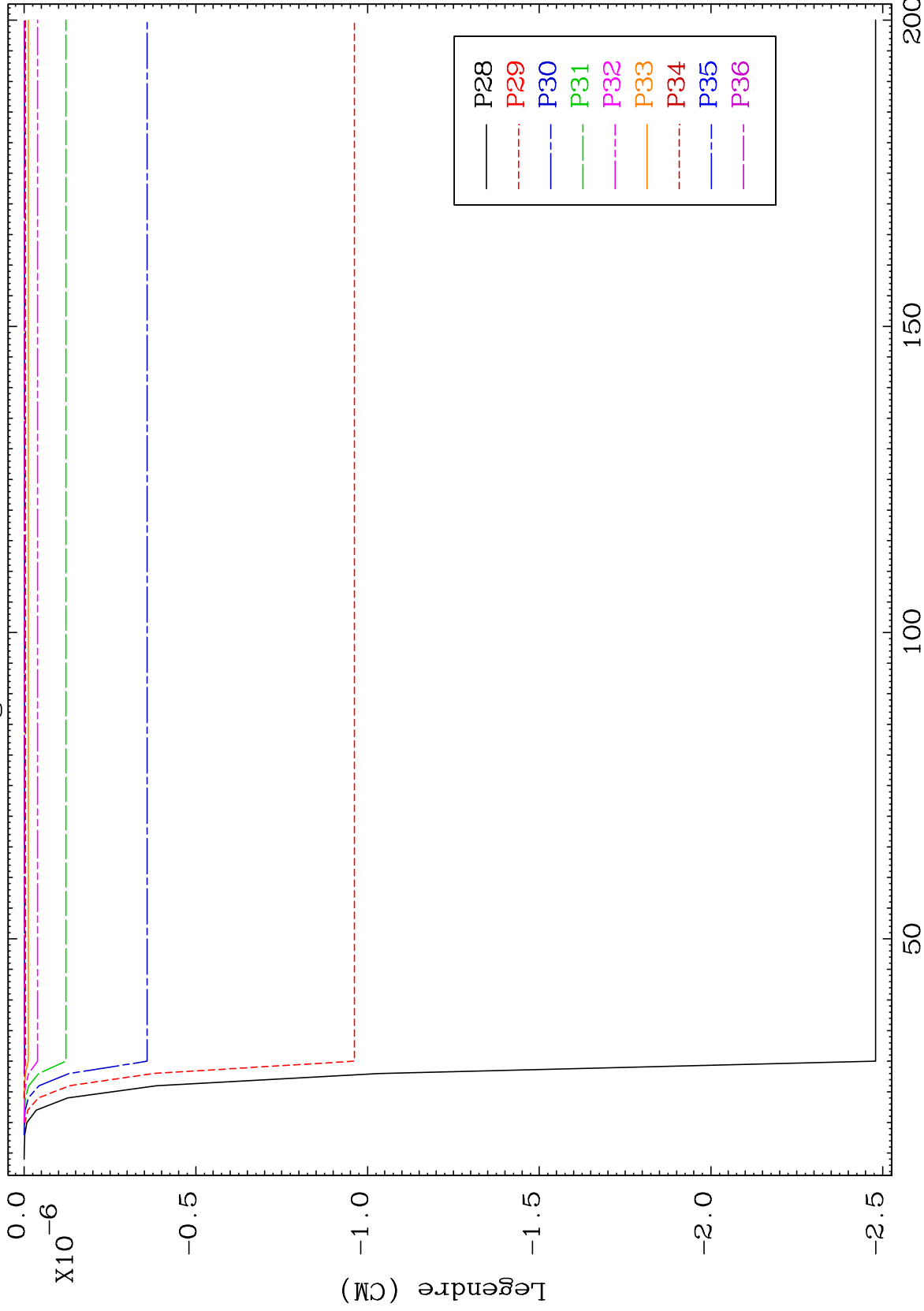
66

59-Pr-151

MAT 5955

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

59-Pr-151



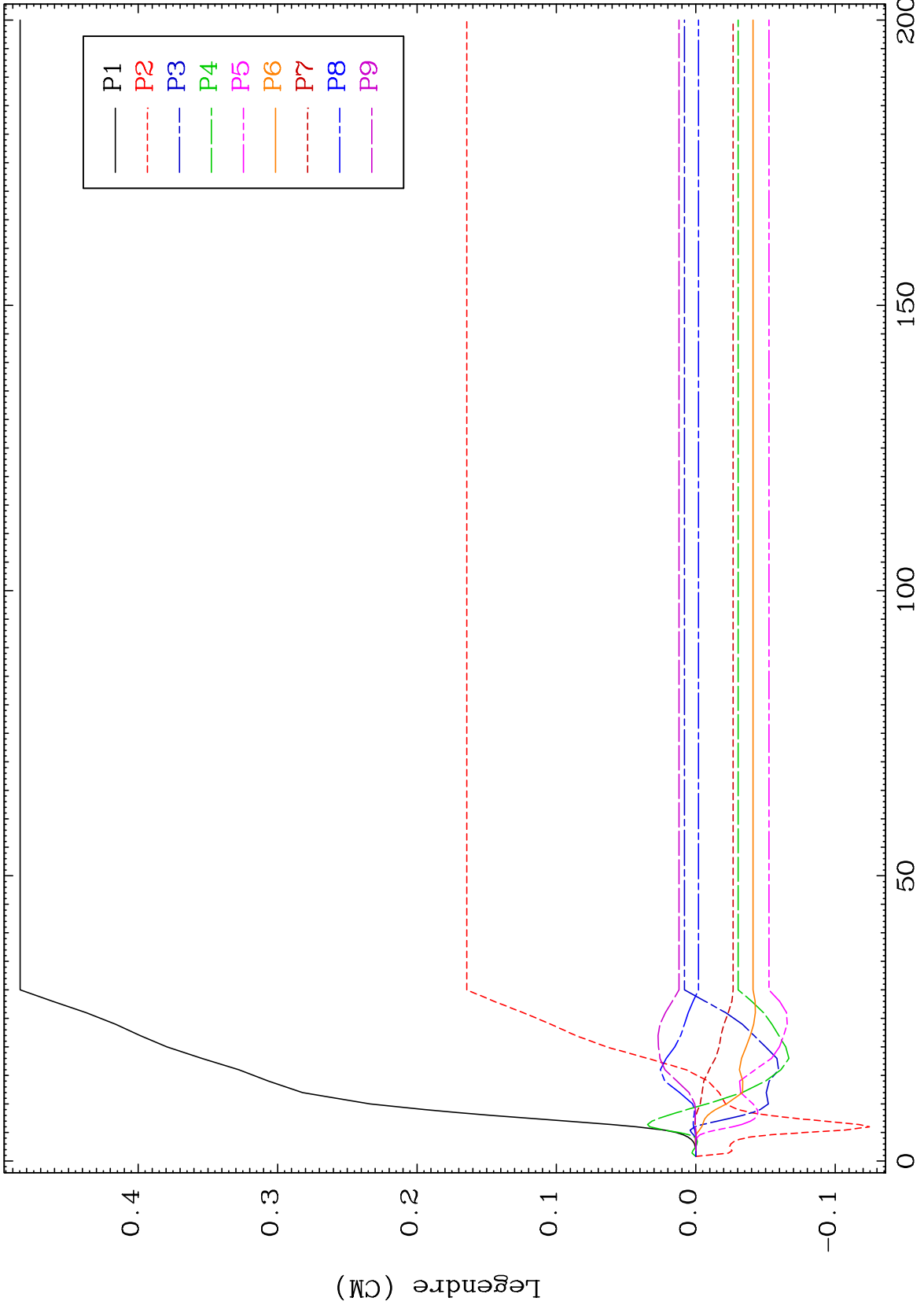
67

59-Pr-151

MAT 5955

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

59-Pr-151



68

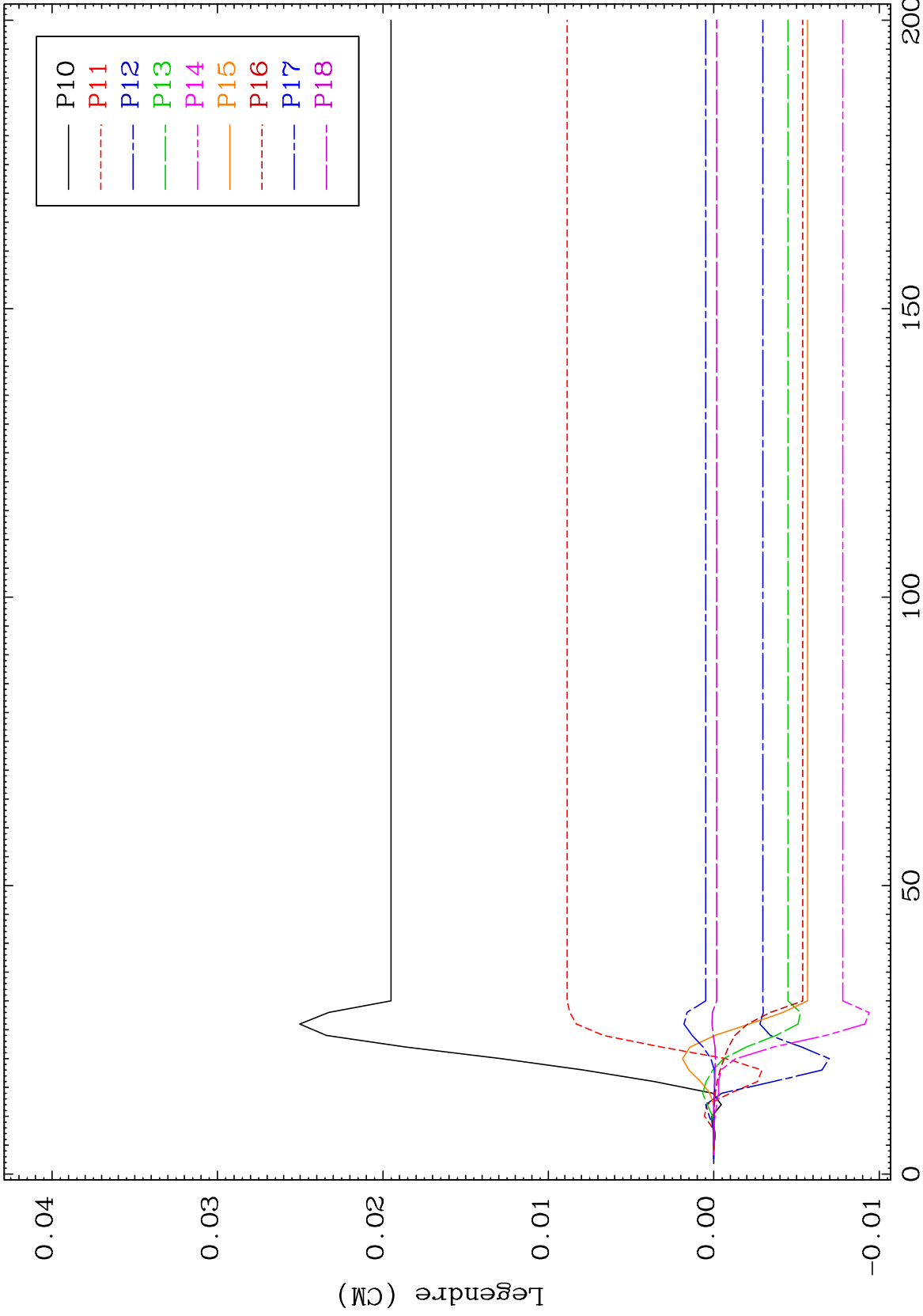
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



69

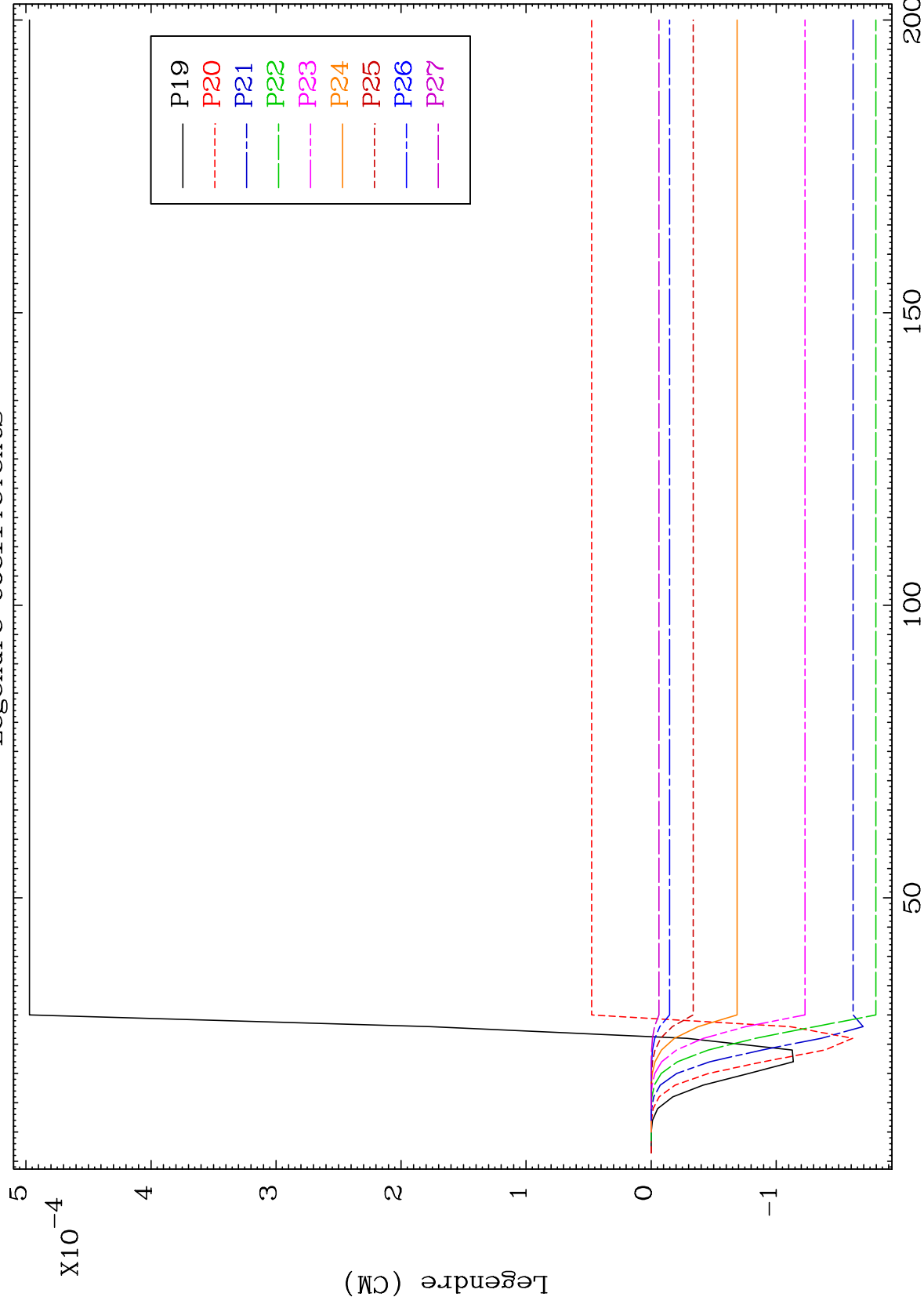
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



70

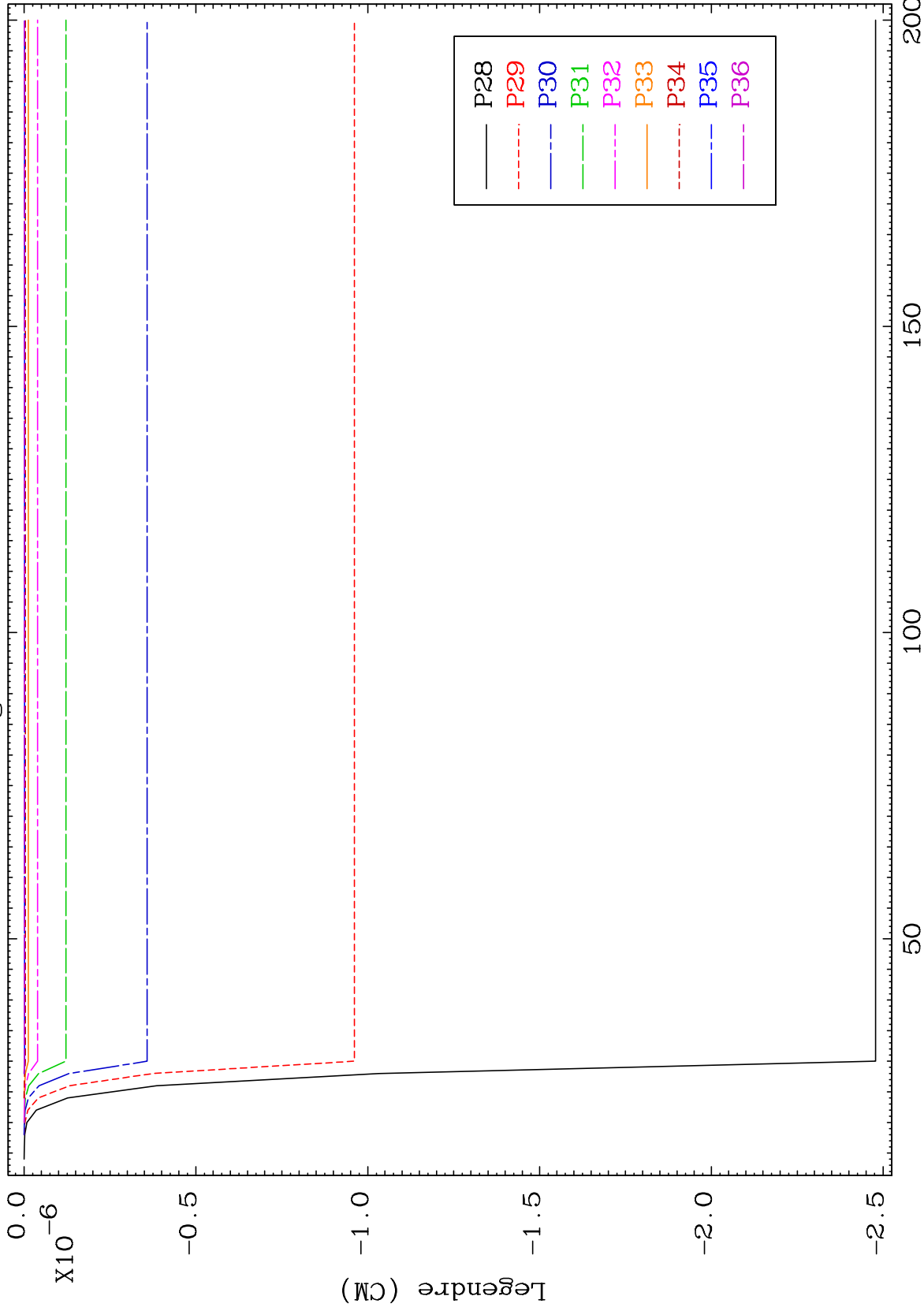
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



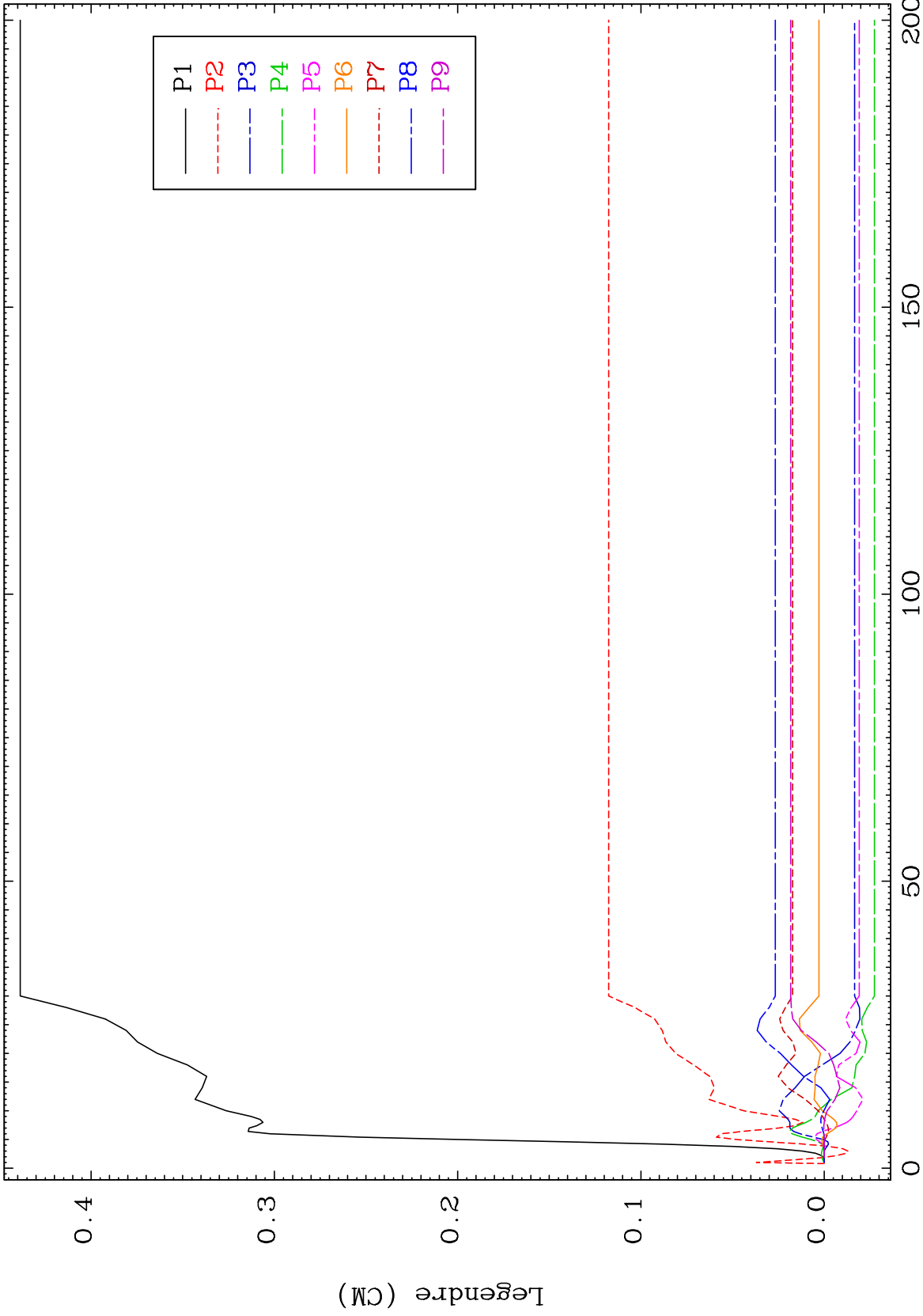
71

59-Pr-151

MAT 5955

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

59-Pr-151



72

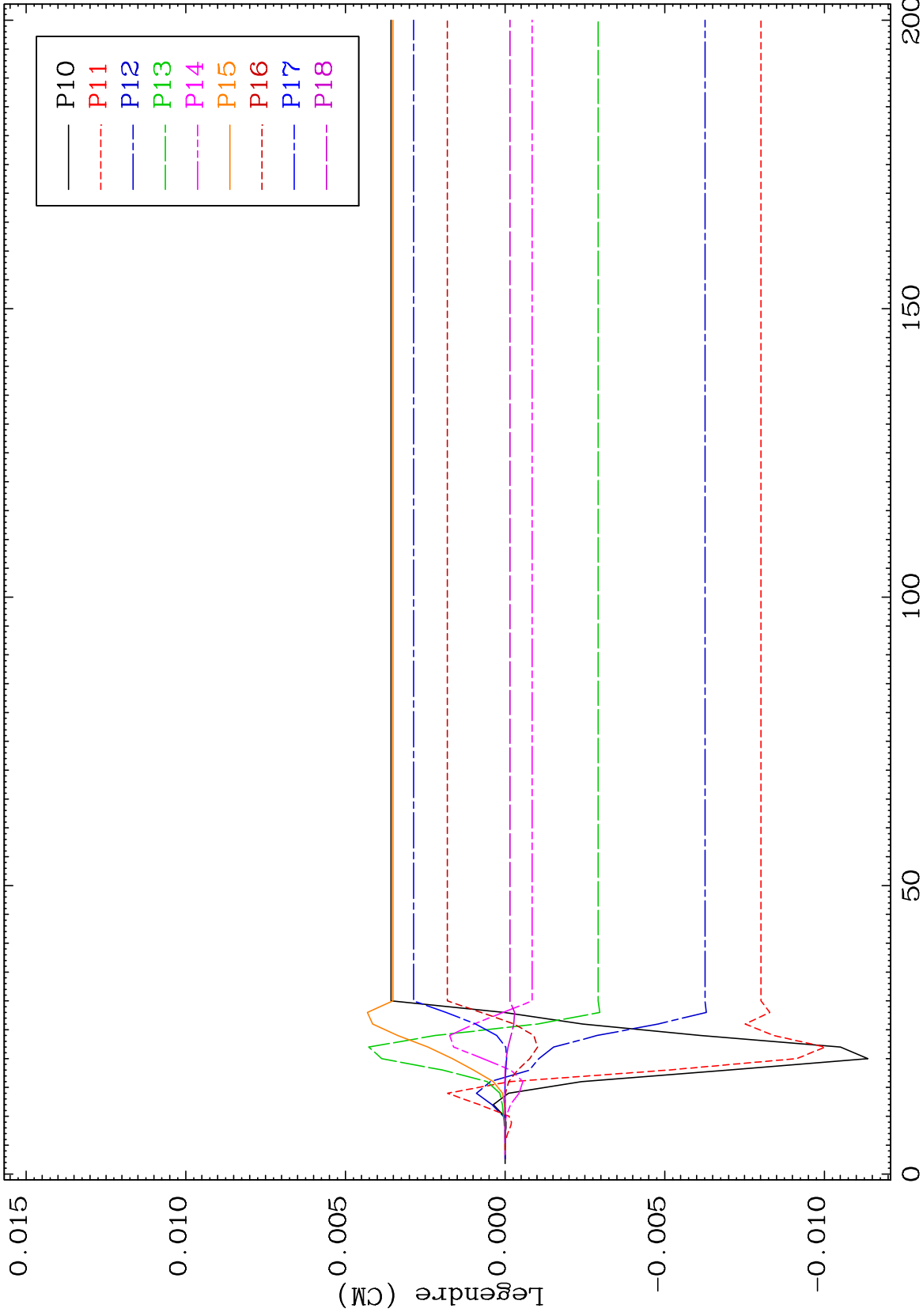
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



73

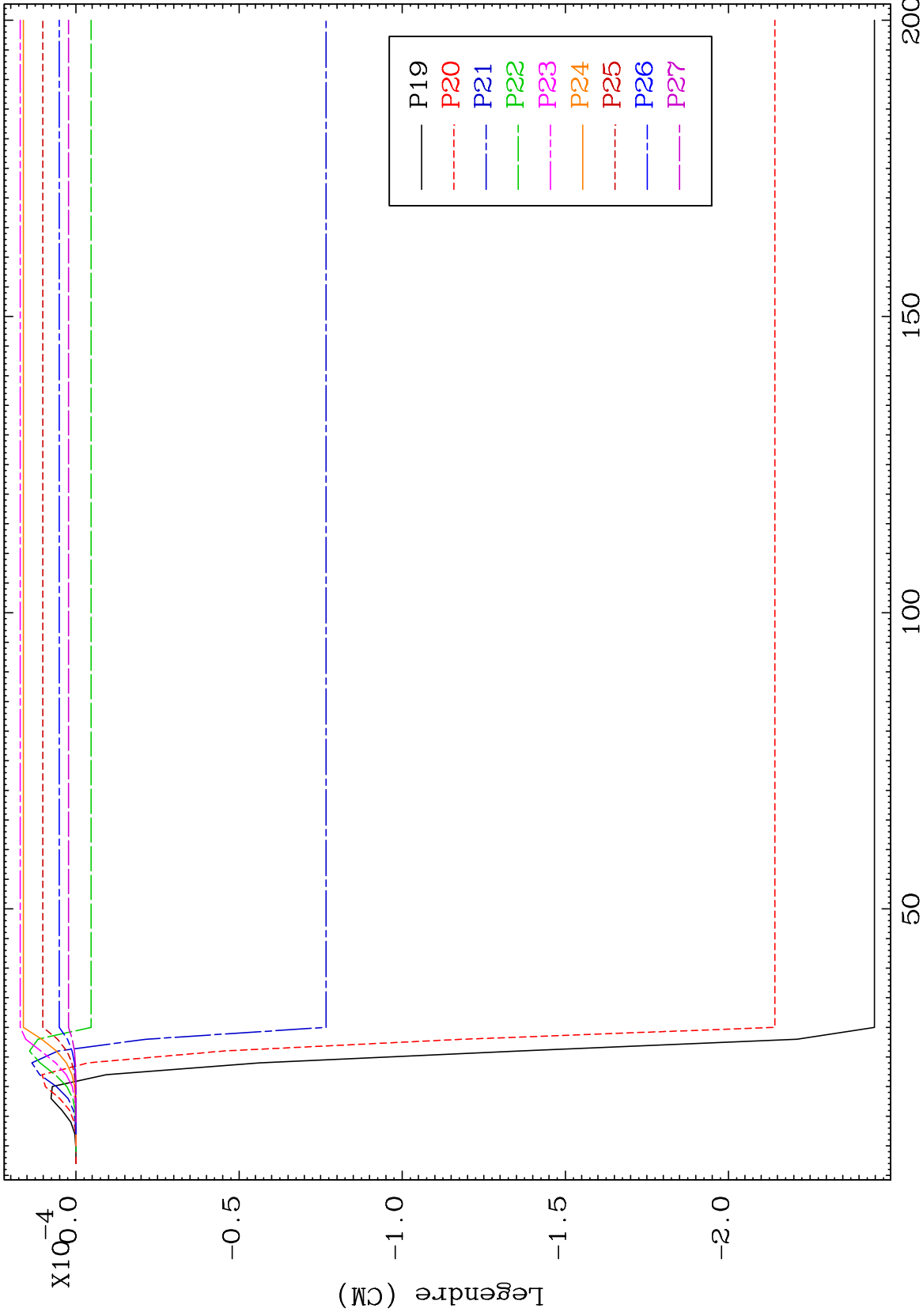
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



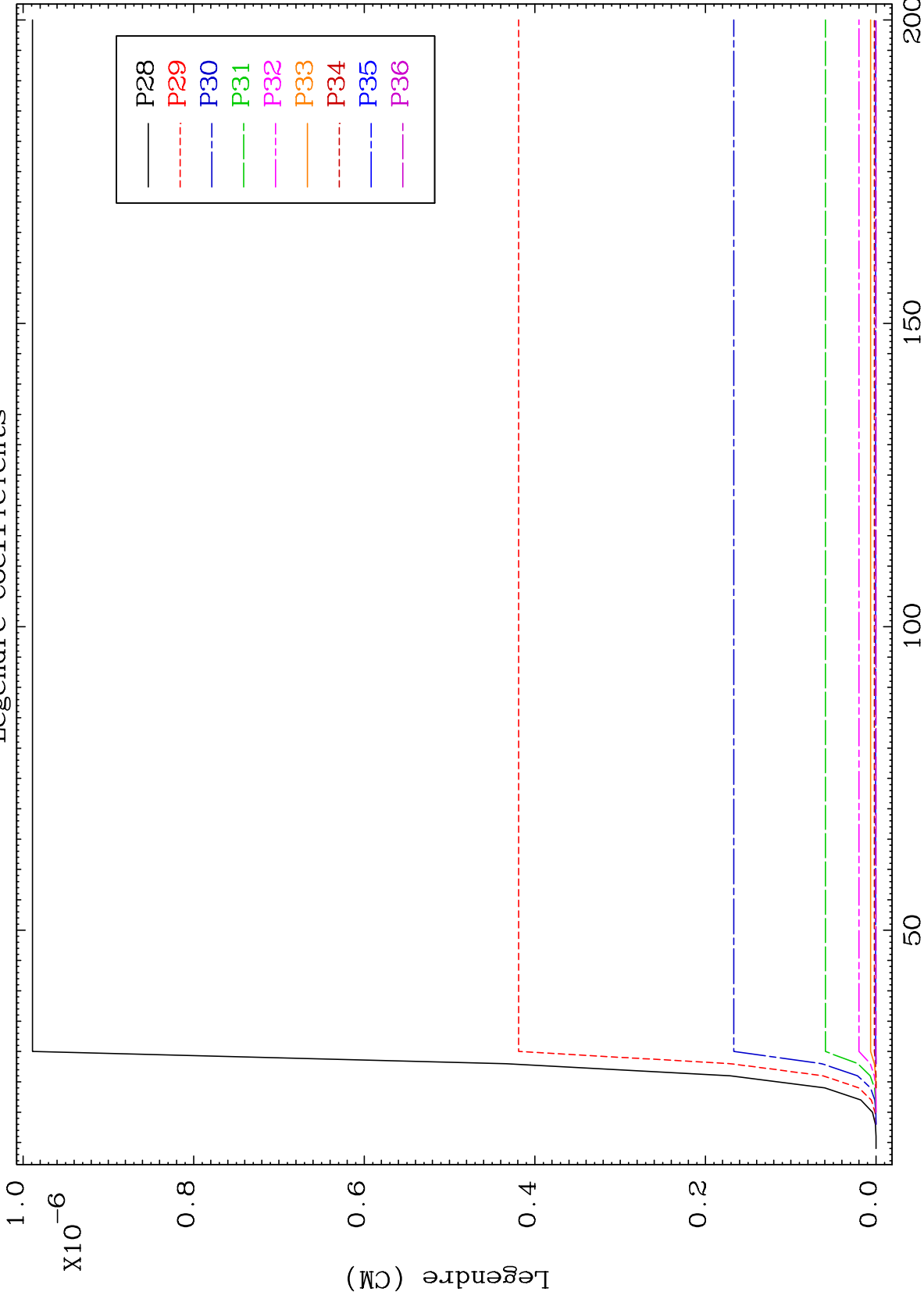
74

59-Pr-151

MAT 5955

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

59-Pr-151



75

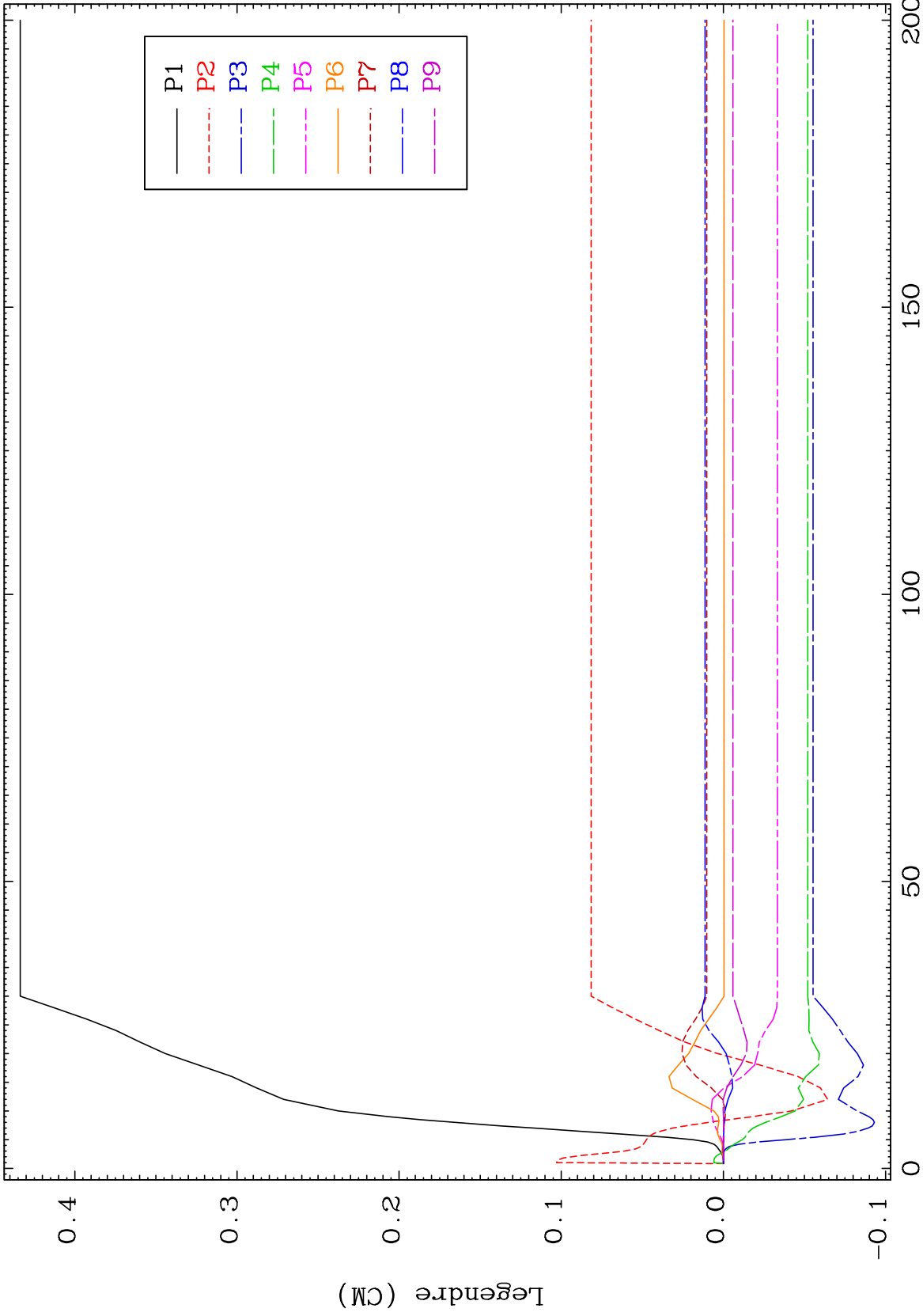
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



76

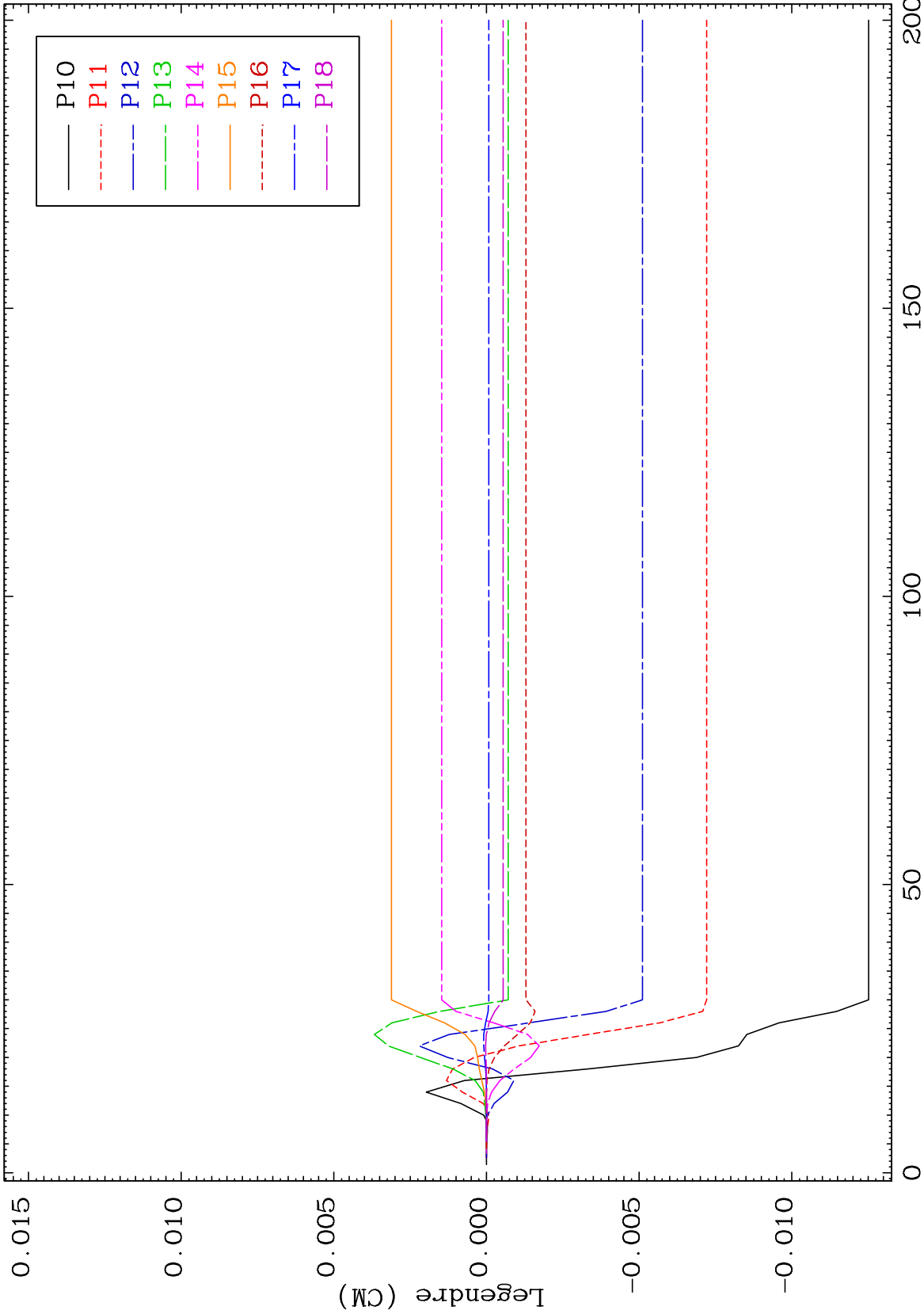
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



77

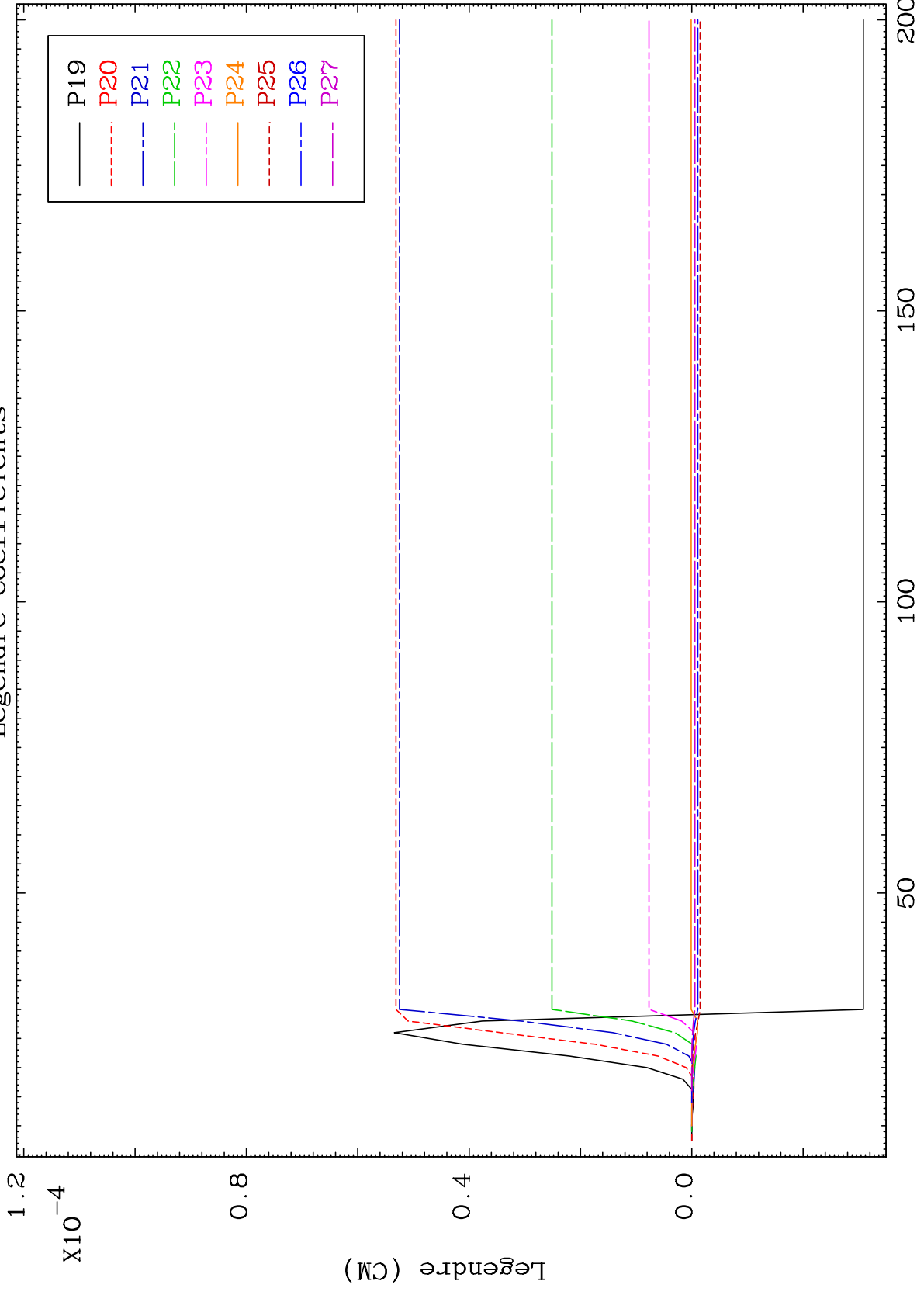
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151

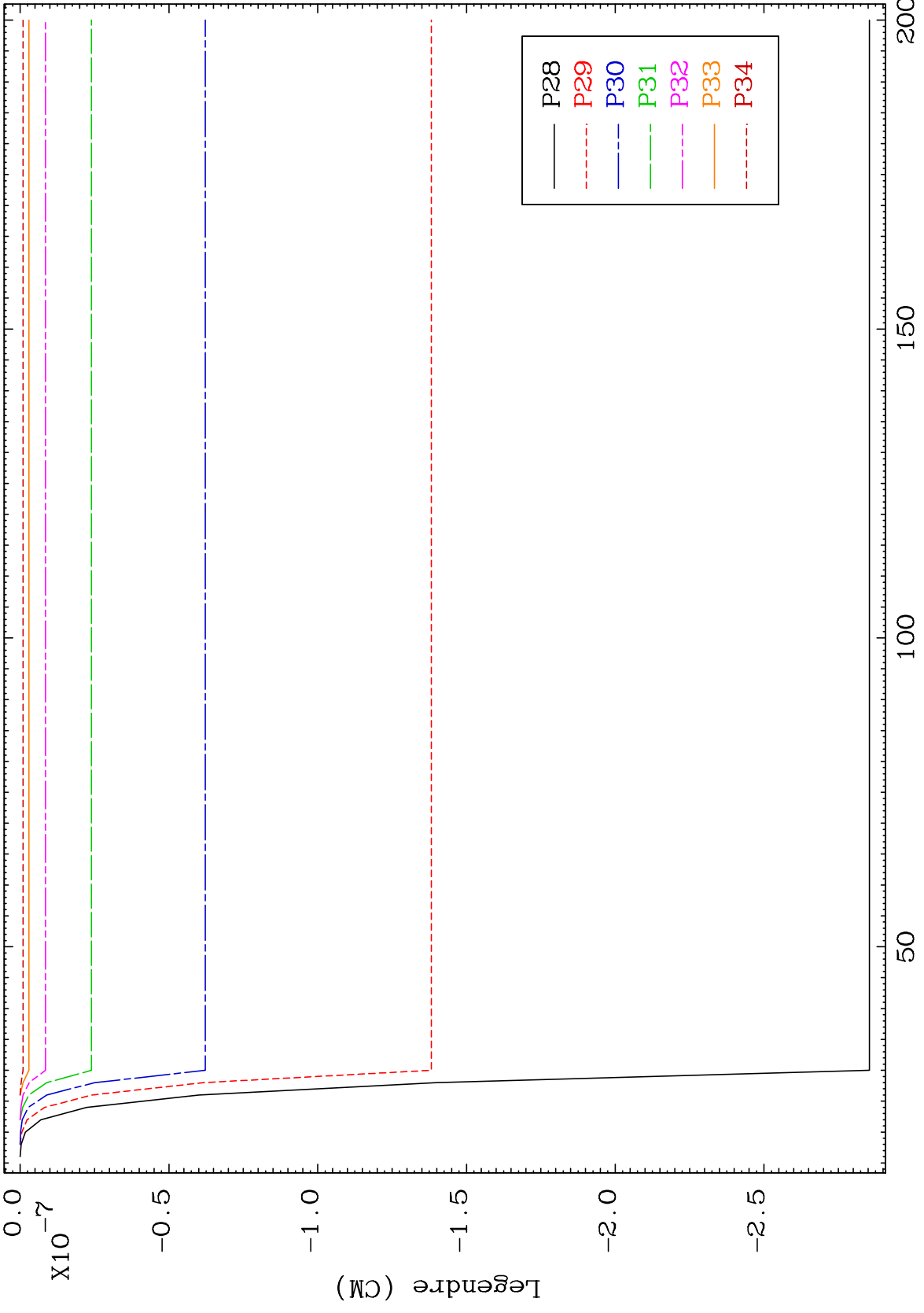


78

Incident Energy (MeV)

59-Pr-151

MAT 5955 MT= 65 (n,n') Level Legendre Coefficients 59-Pr-151

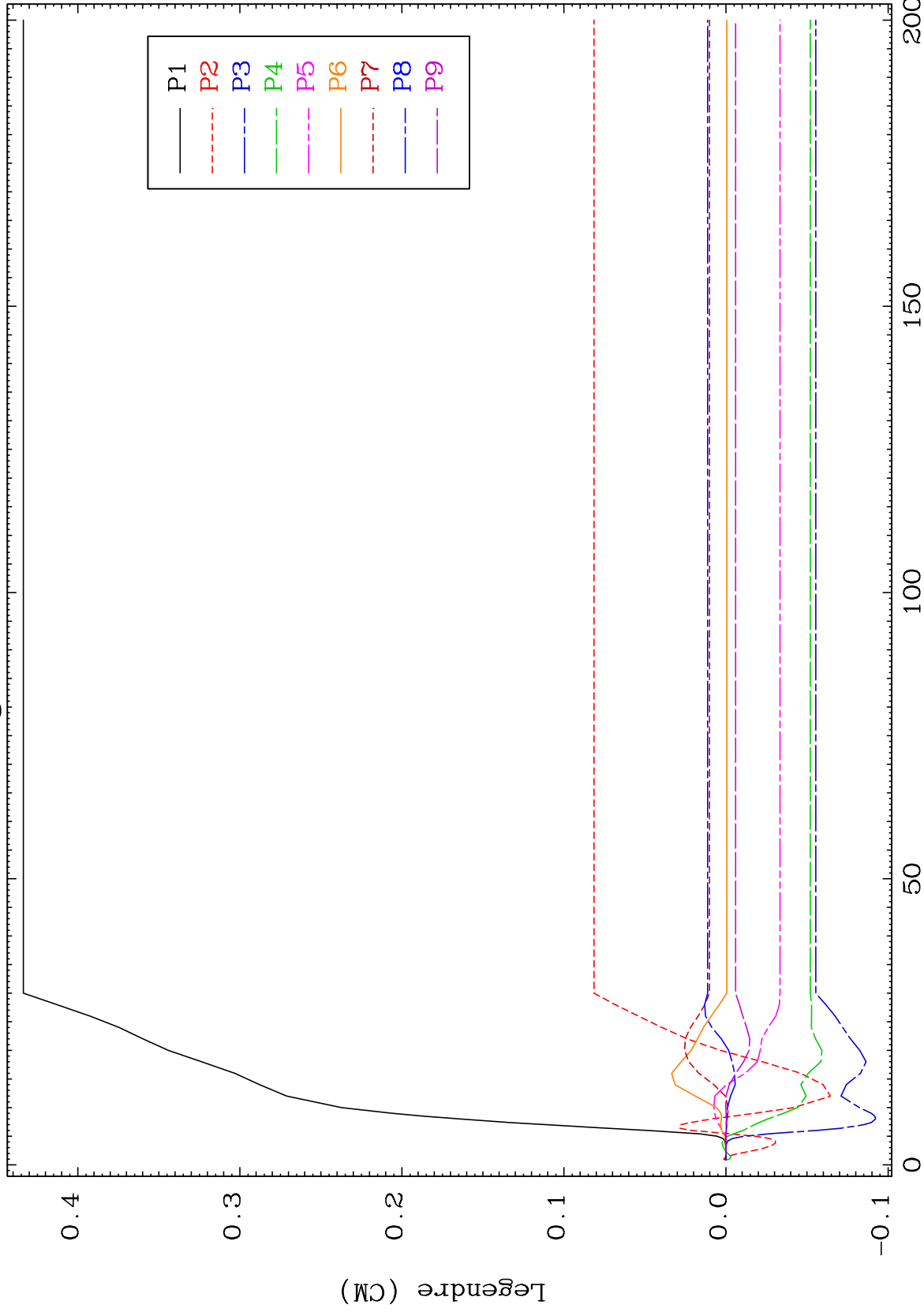


79 59-Pr-151

MAT 5955

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

59-Pr-151



59-Pr-151

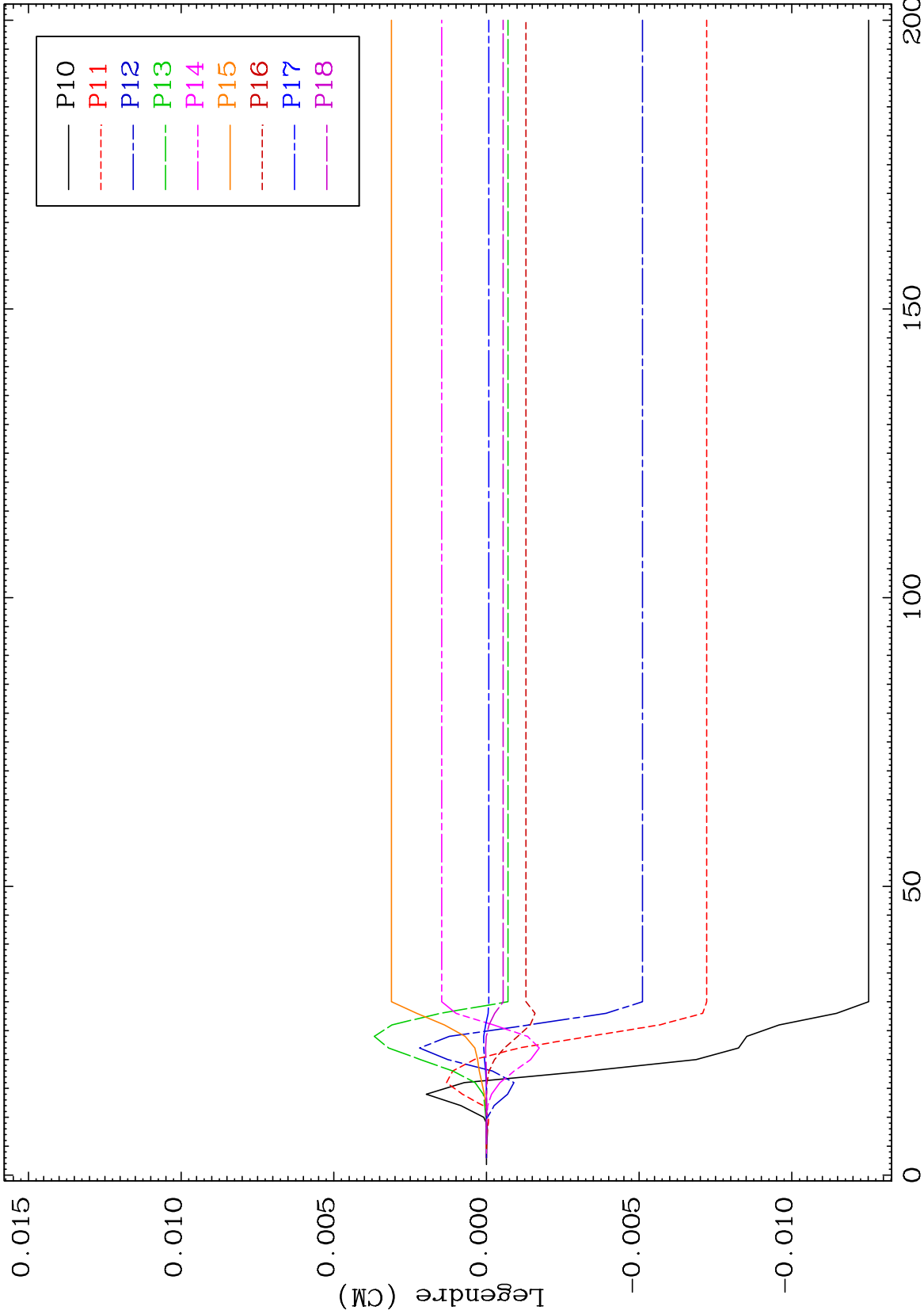
Incident Energy (MeV)

Legendre (CM)

MAT 5955

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

59-Pr-151



81

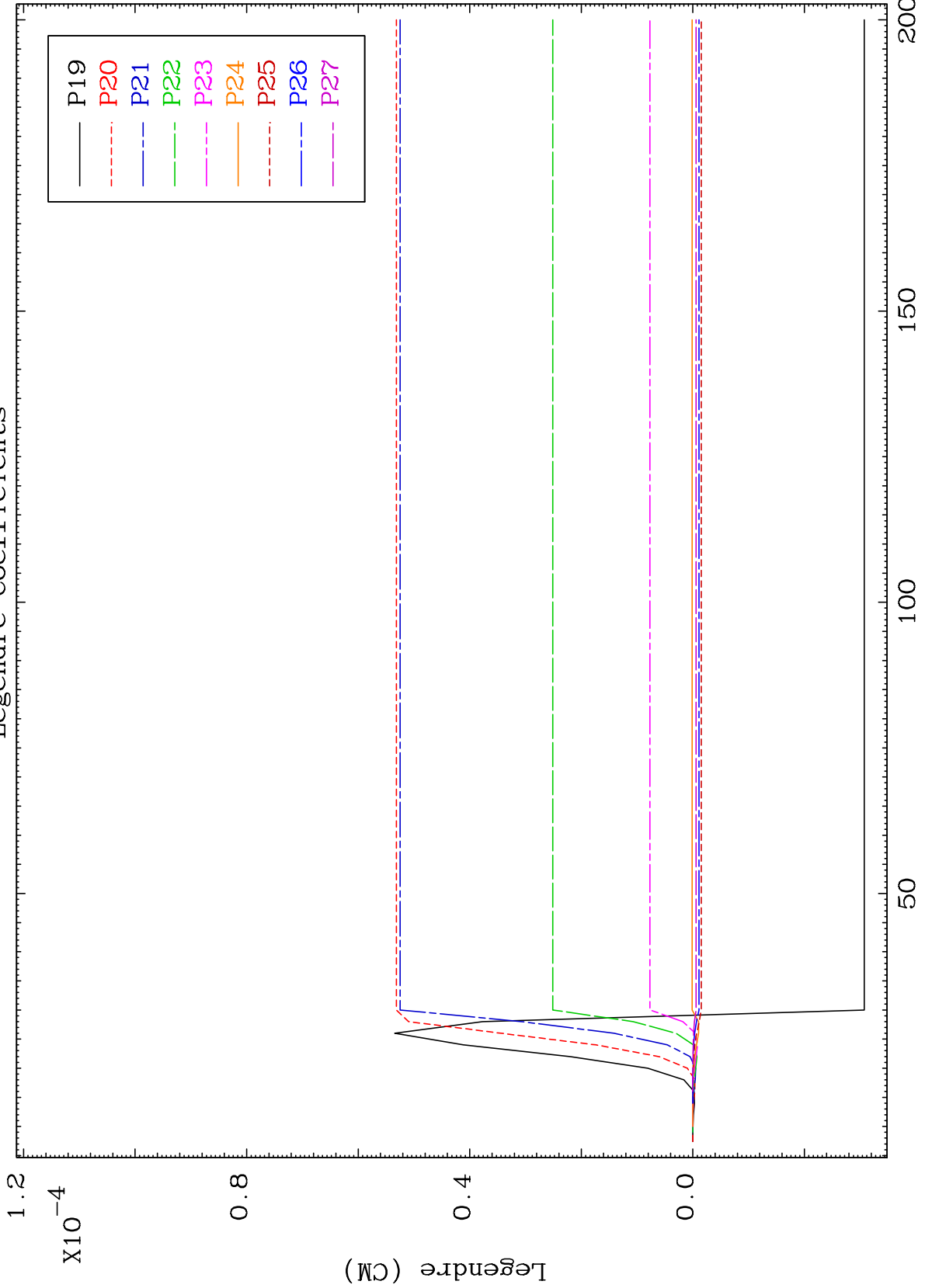
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



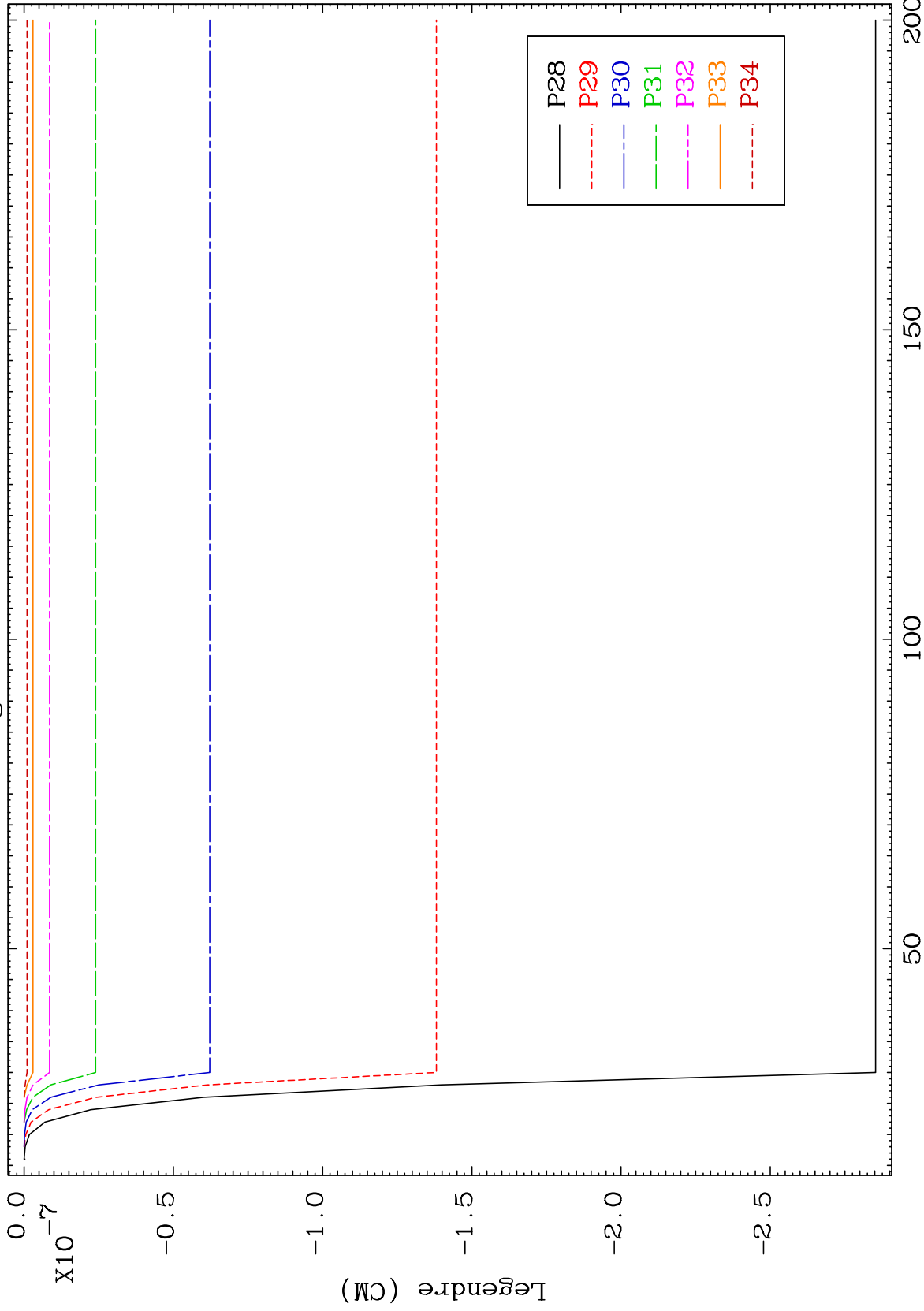
82

59-Pr-151

MAT 5955

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

59-Pr-151



83

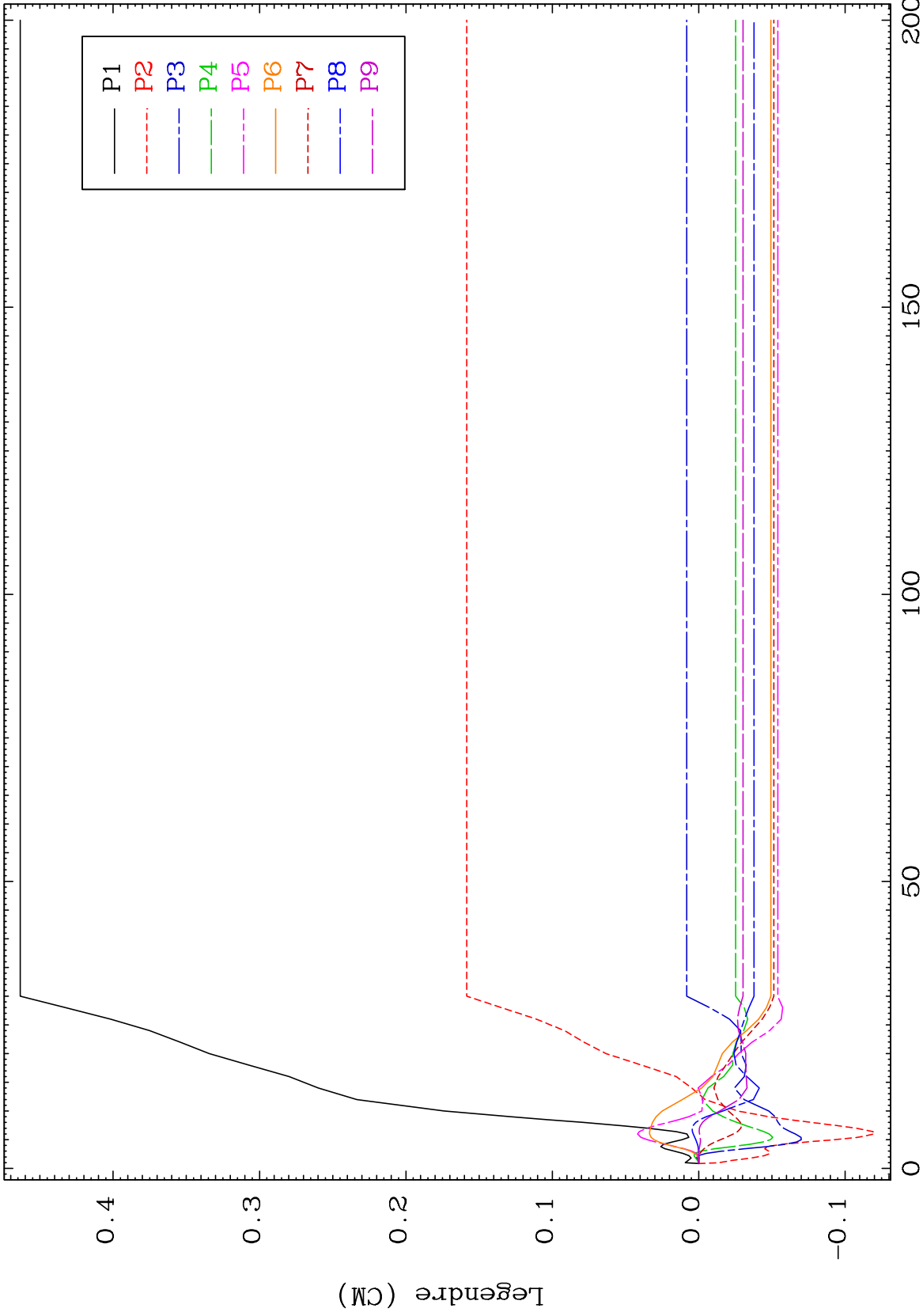
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



84

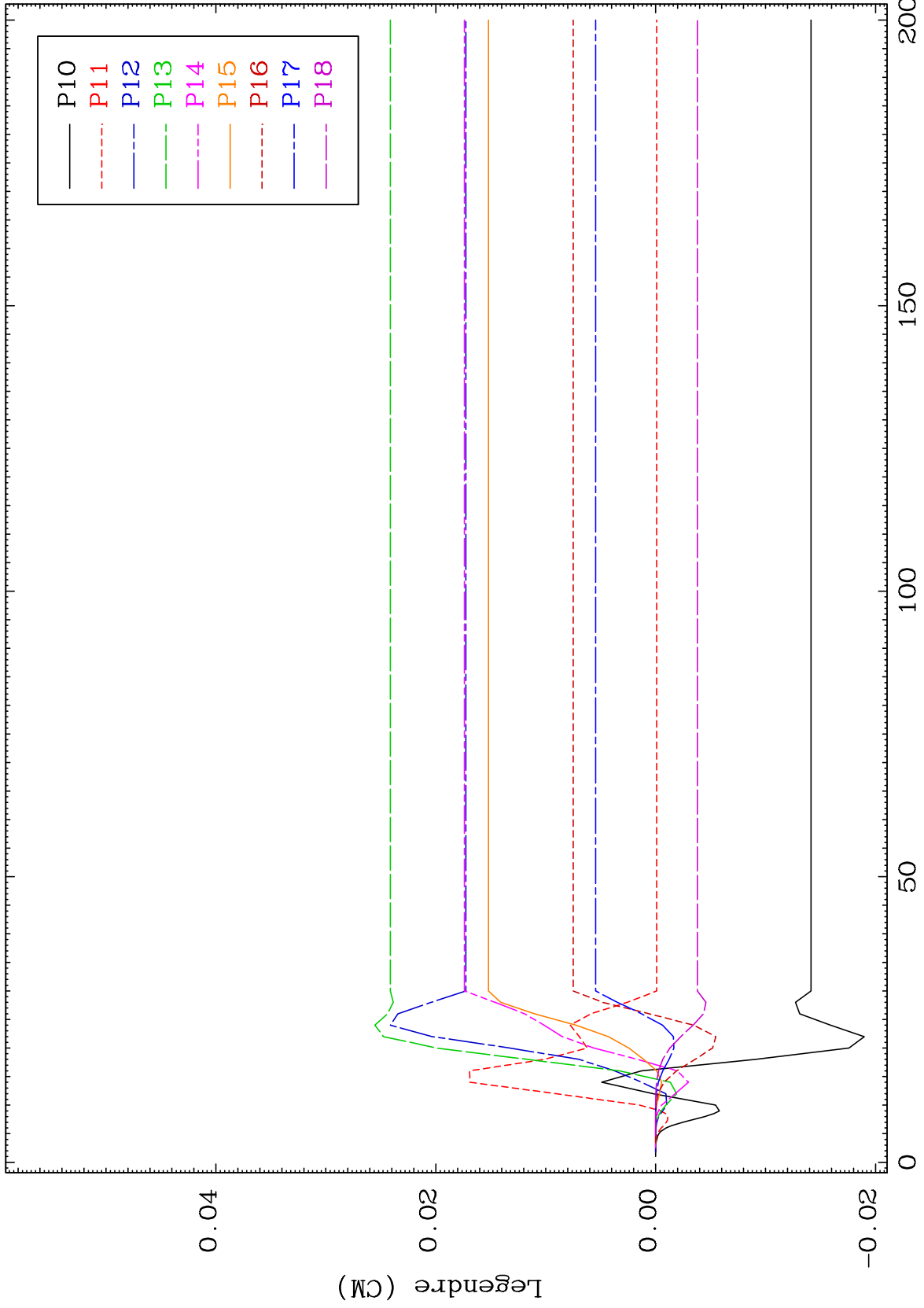
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



85

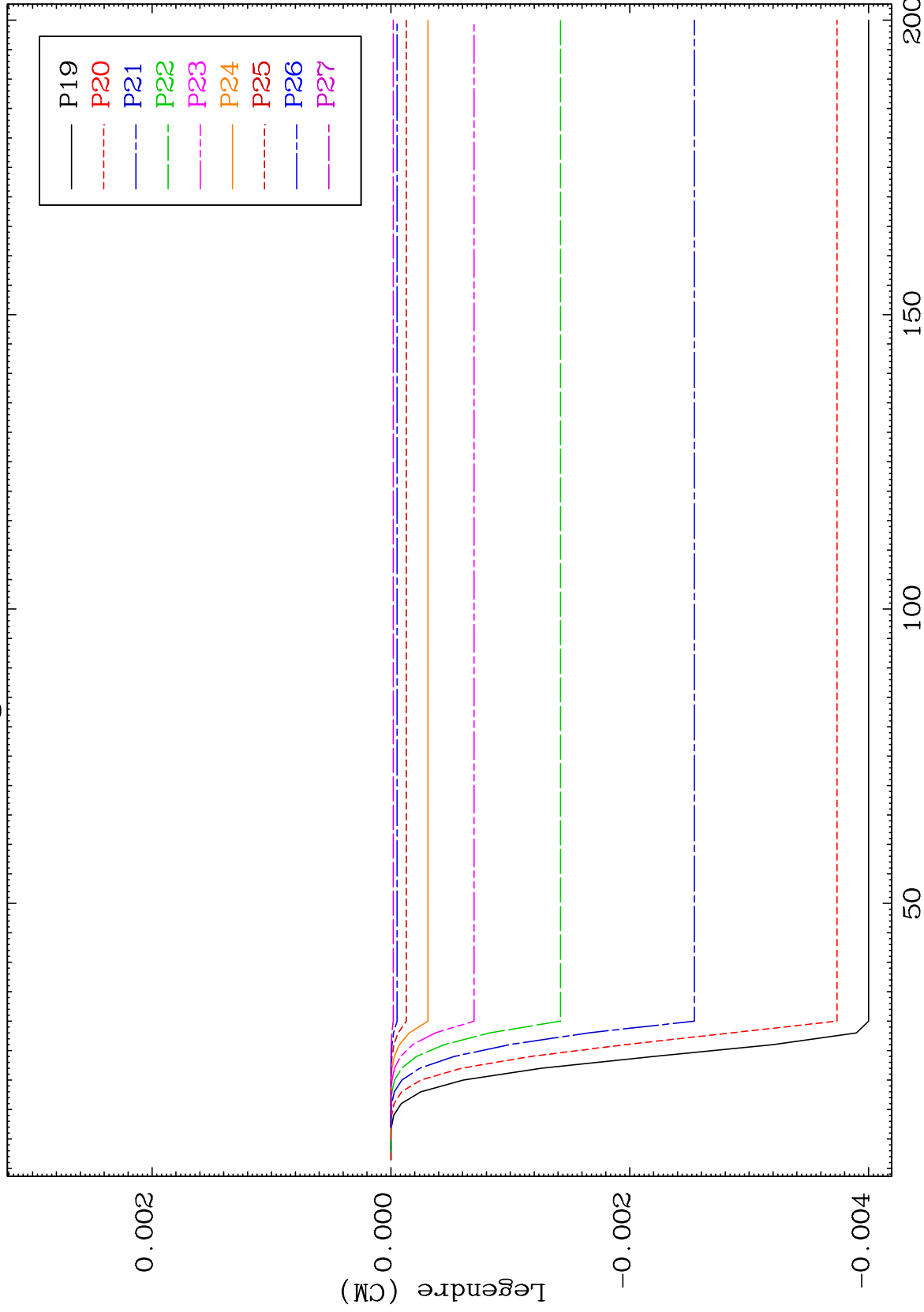
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151

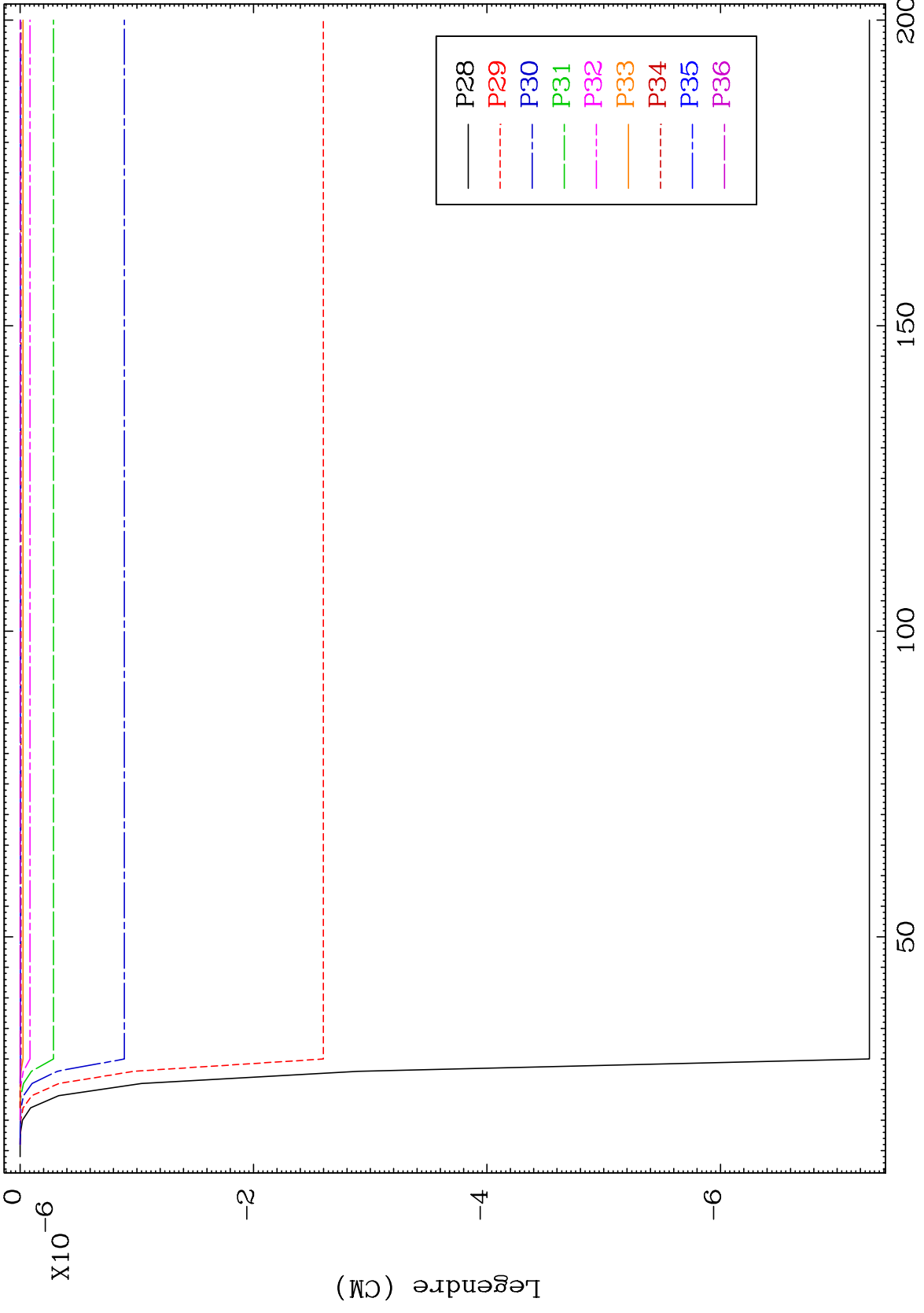


86

Incident Energy (MeV)

59-Pr-151

MAT 5955 MT= 67 (n,n') Level Legendre Coefficients 59-Pr-151

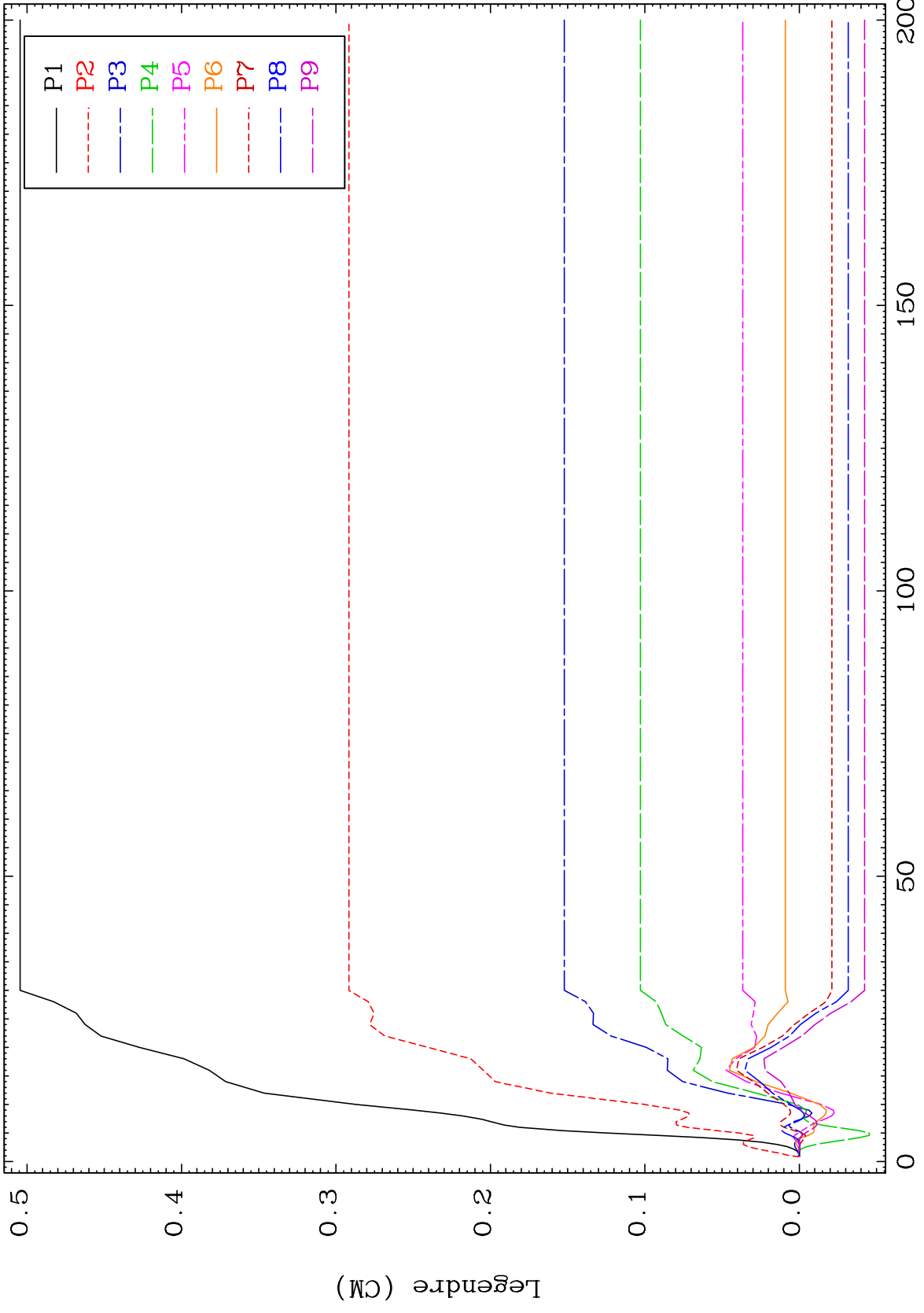


87 59-Pr-151

MAT 5955

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

59-Pr-151



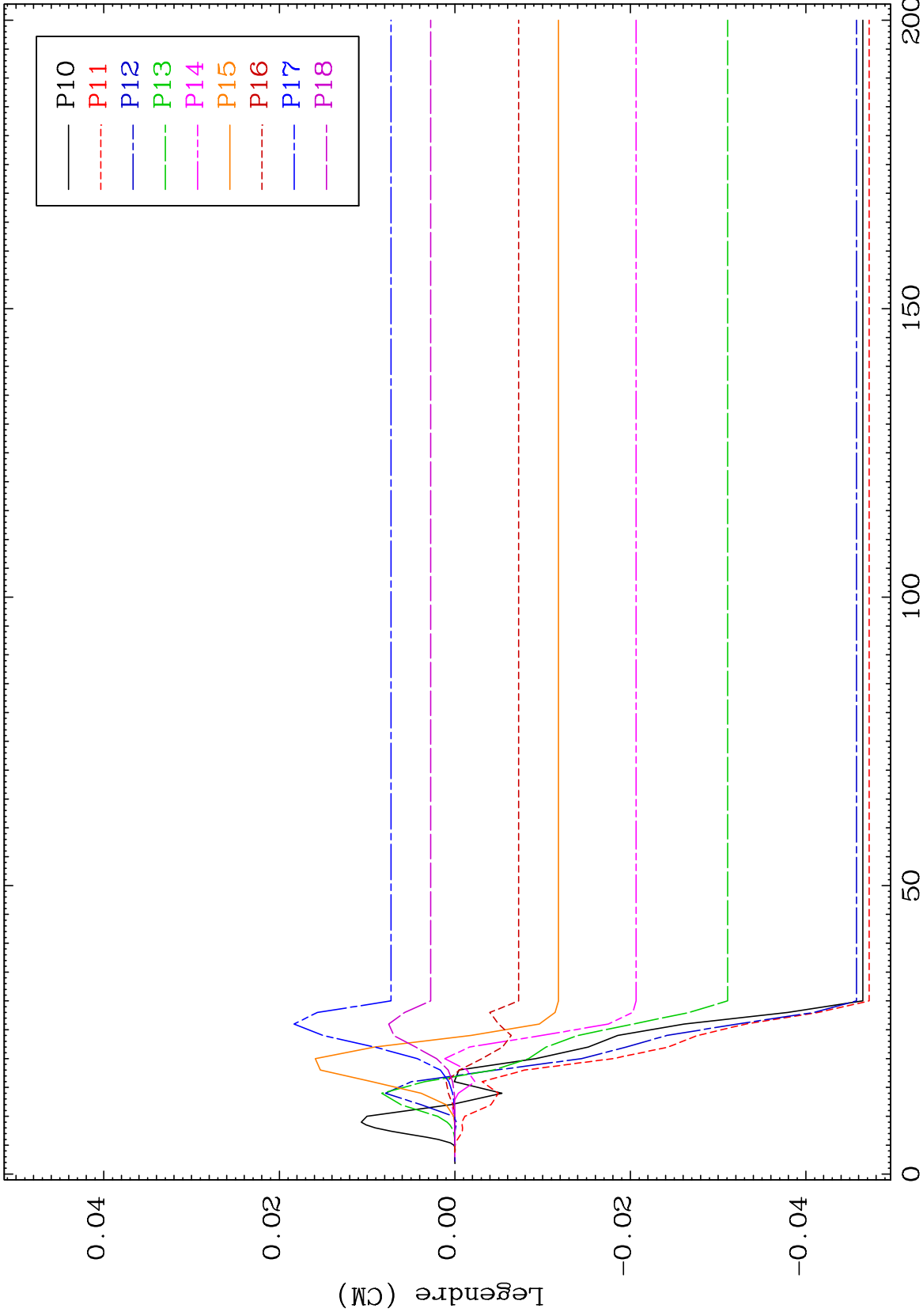
88

59-Pr-151

MAT 5955

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

59-Pr-151



89

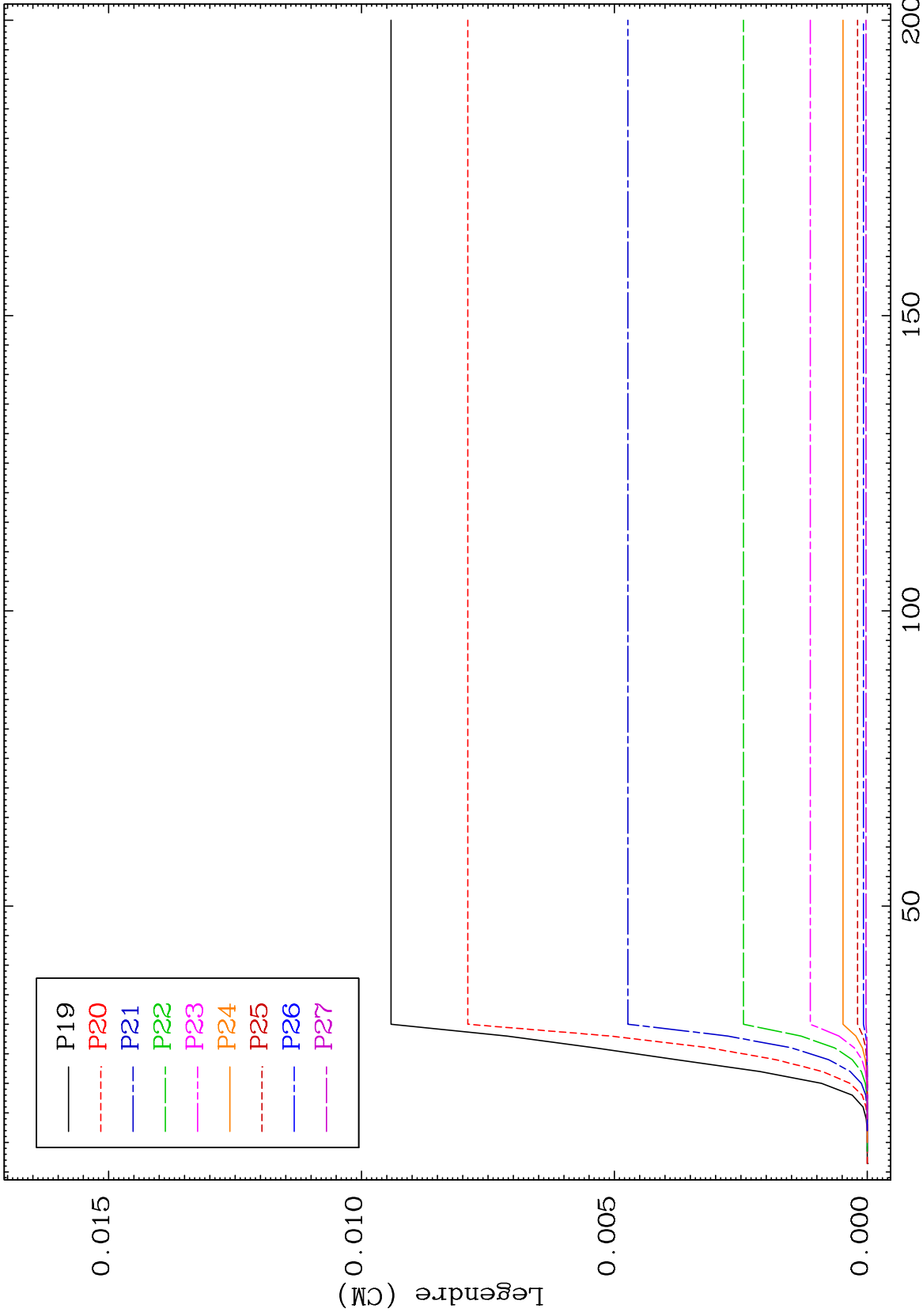
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



90

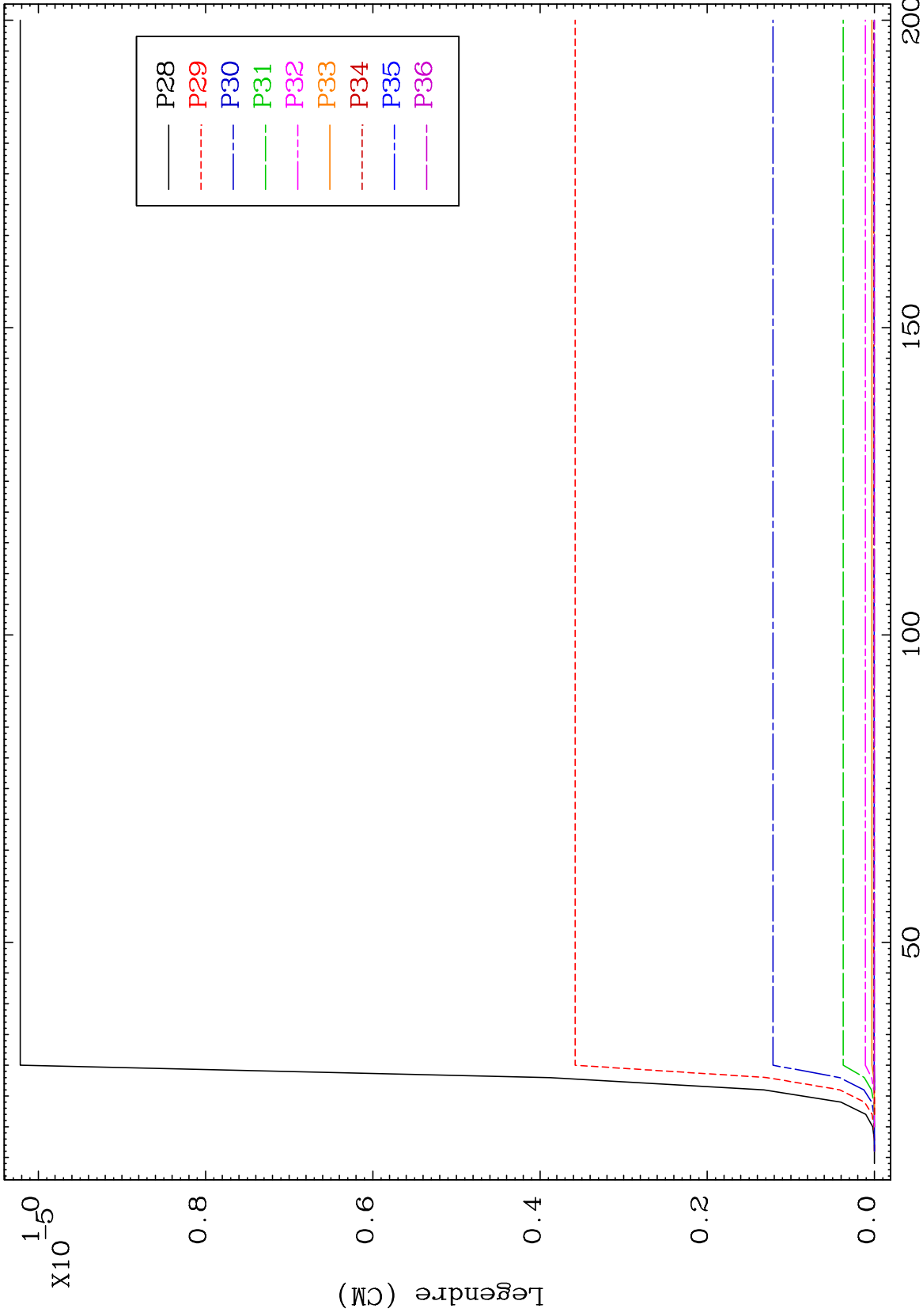
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



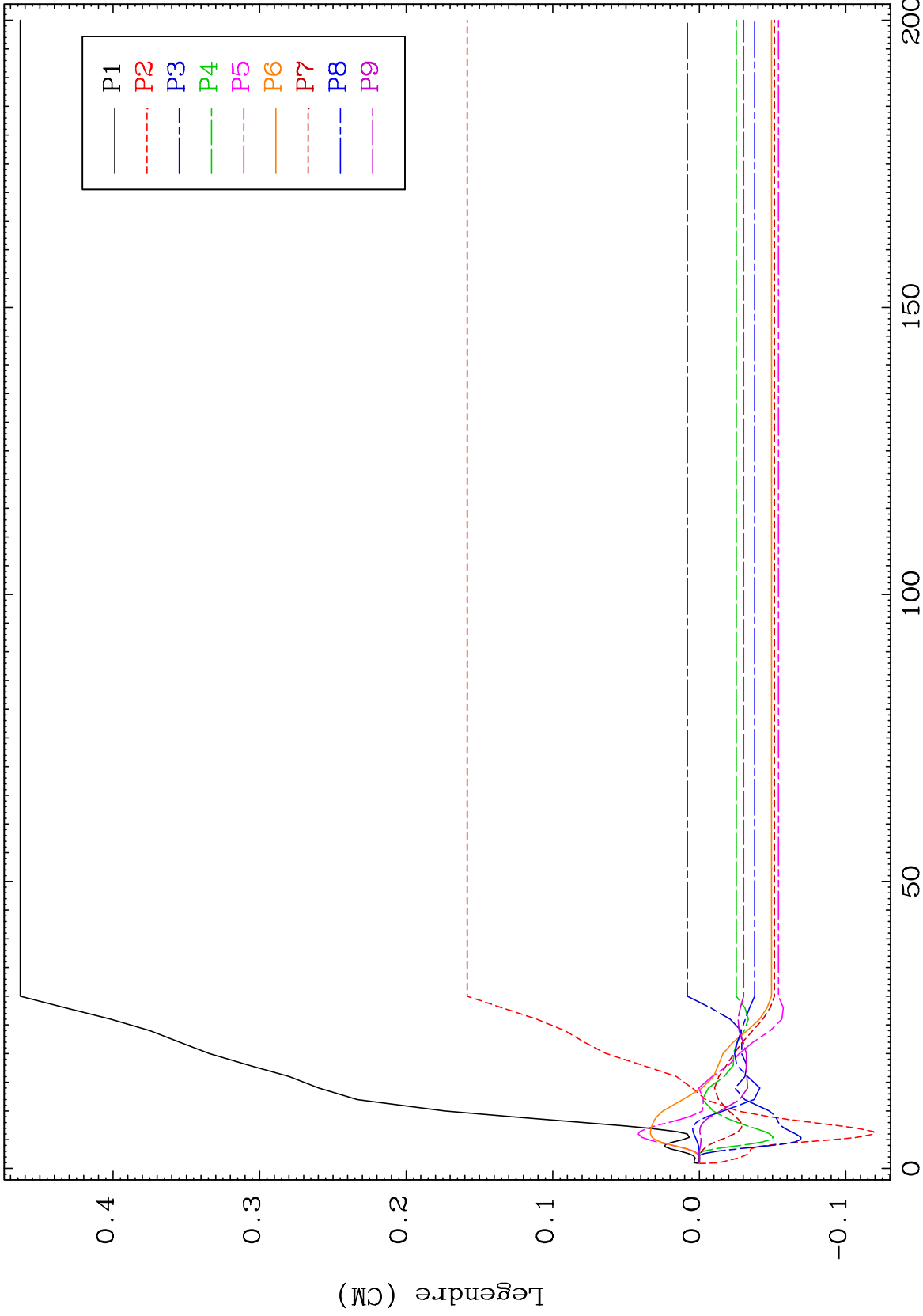
91

59-Pr-151

MAT 5955

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

59-Pr-151



92

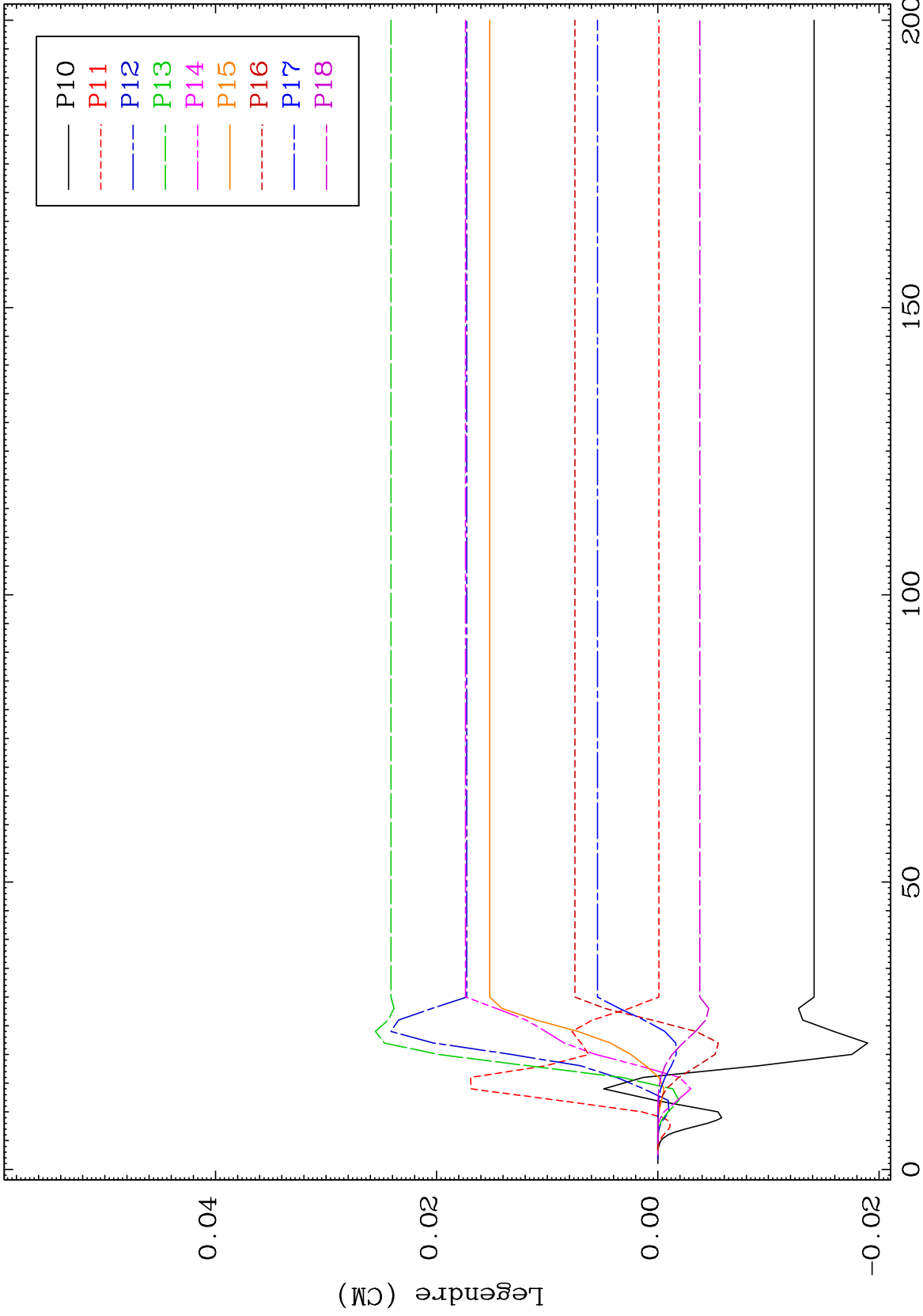
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



93

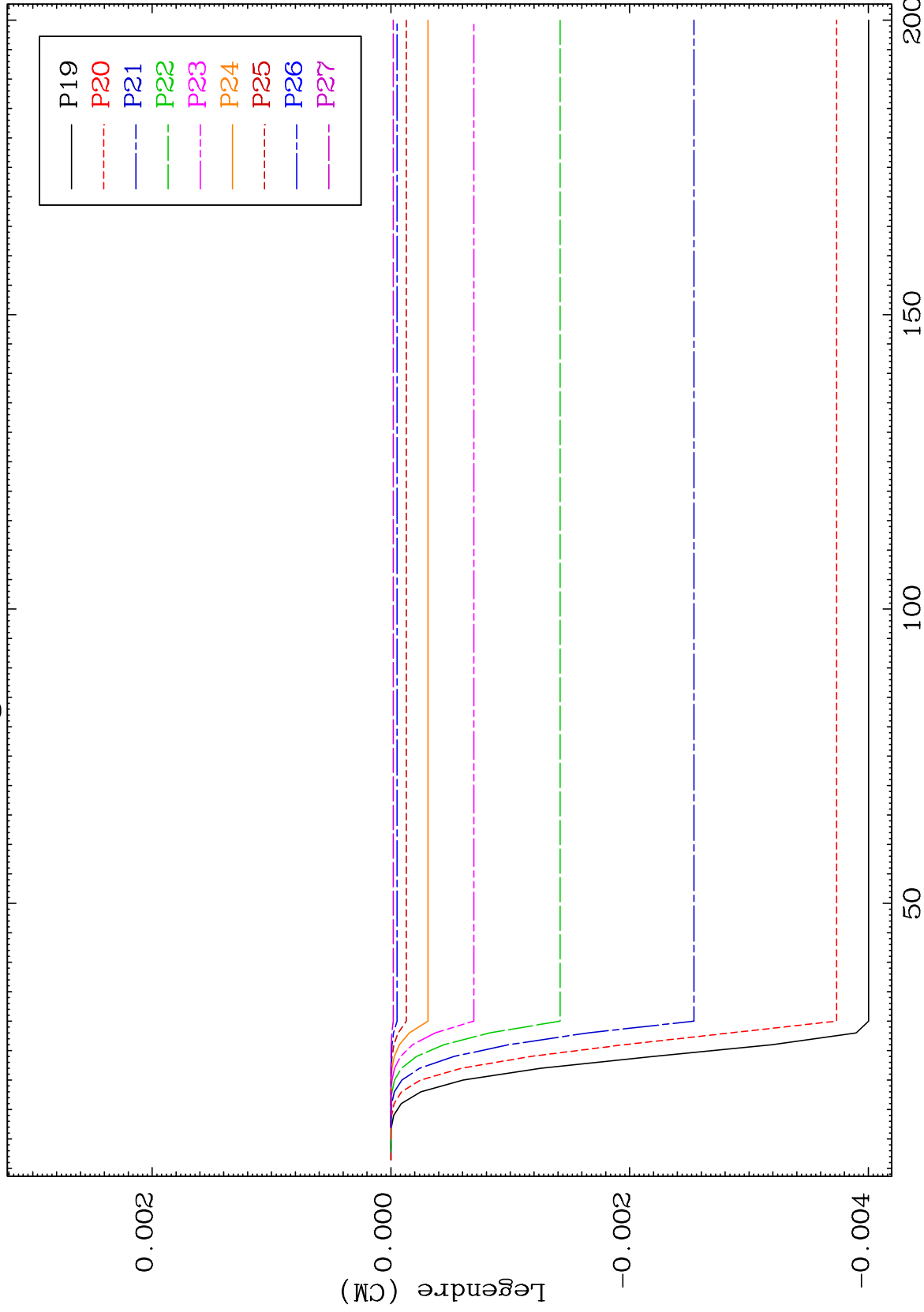
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151

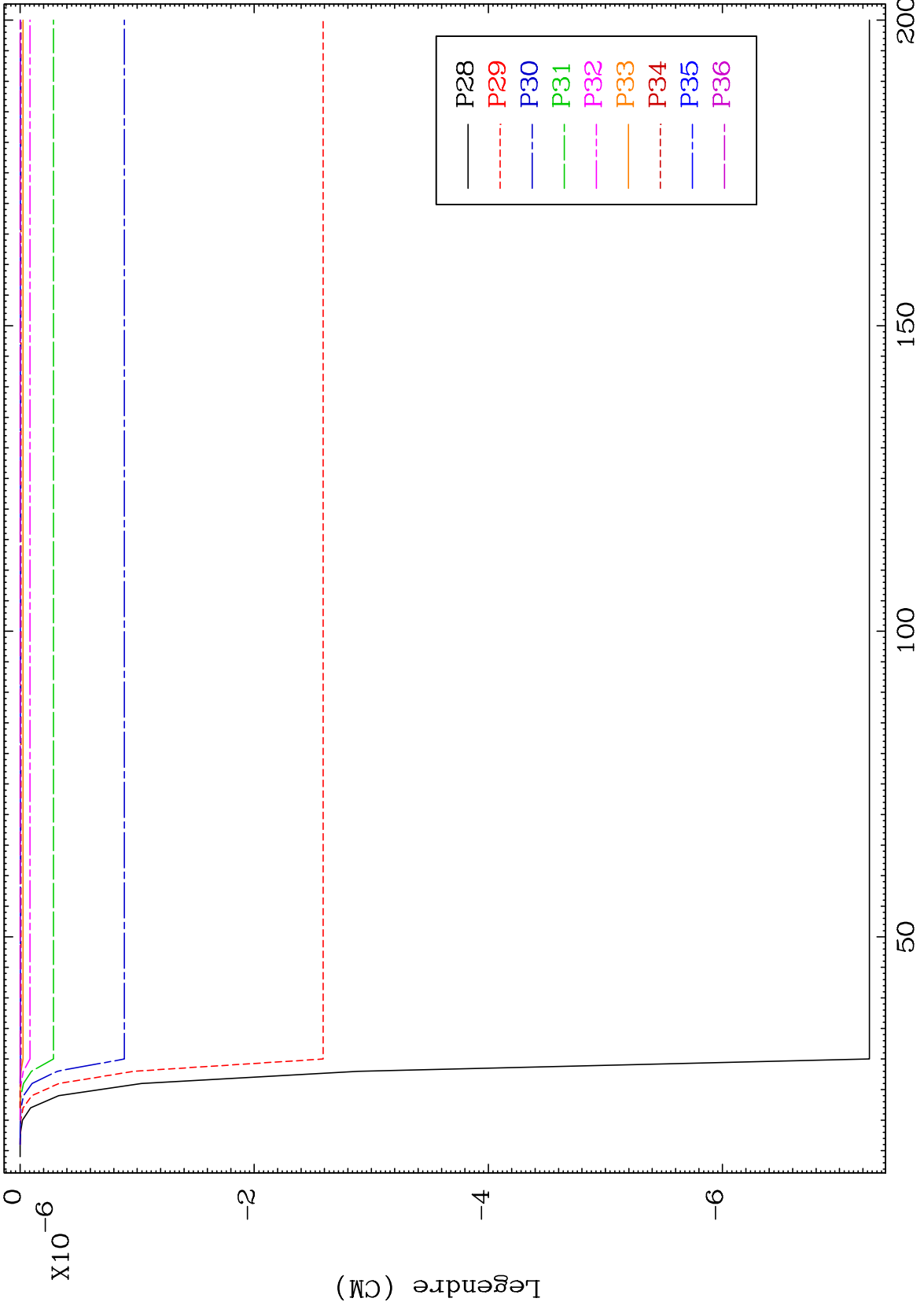


94

Incident Energy (MeV)

59-Pr-151

MAT 5955 MT= 69 (n,n') Level Legendre Coefficients 59-Pr-151

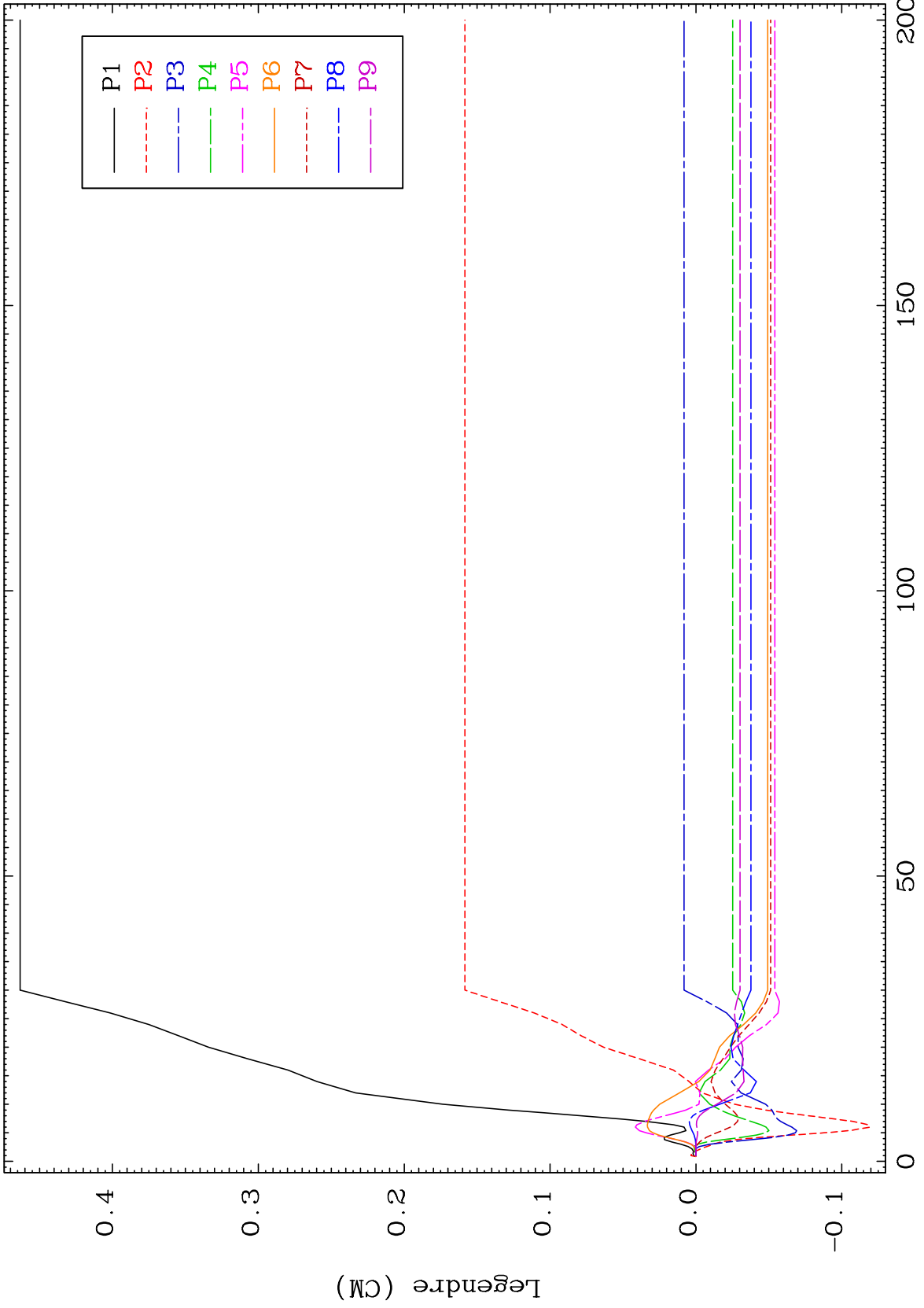


95 Incident Energy (MeV) 59-Pr-151

MAT 5955

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

59-Pr-151



96

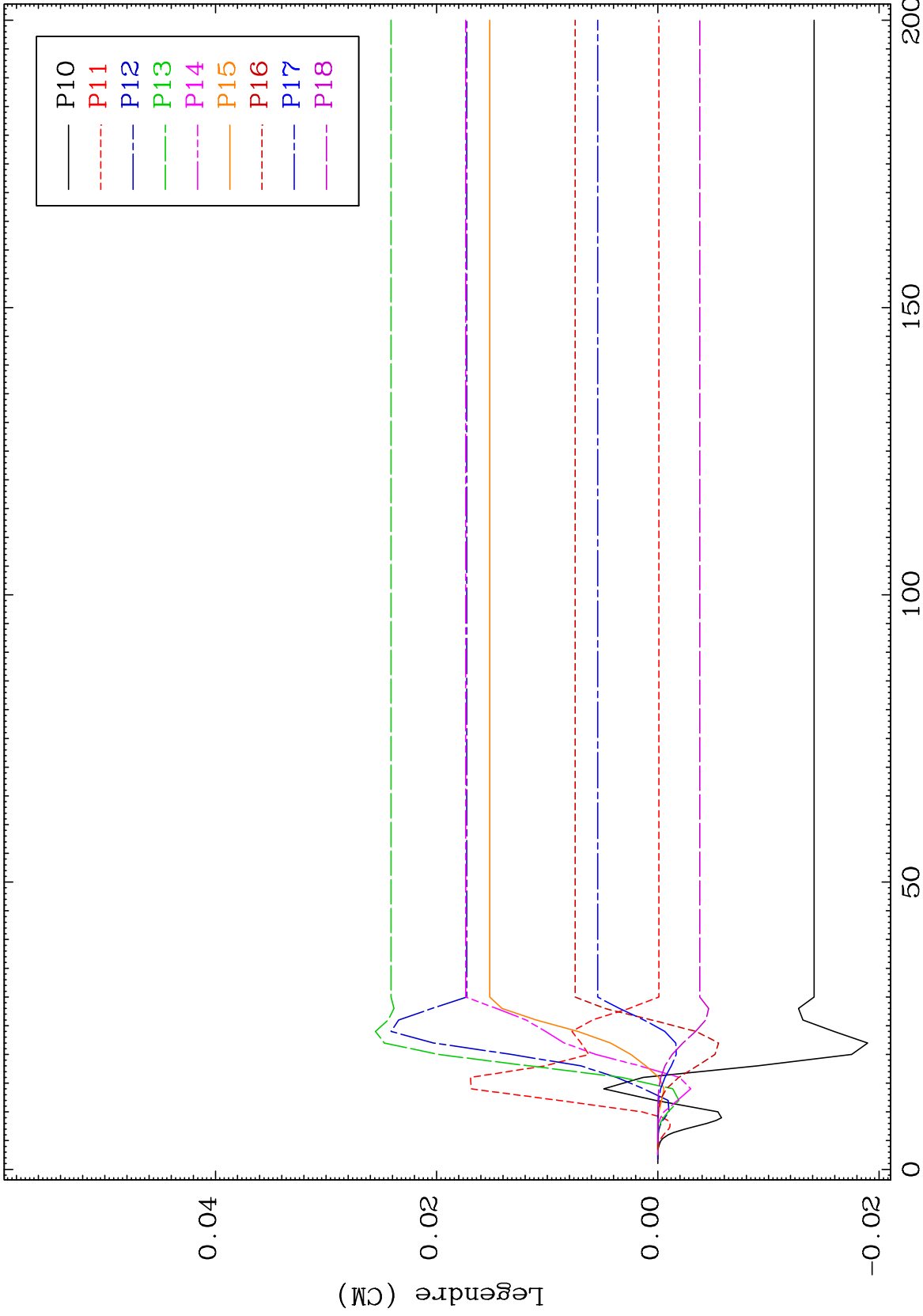
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



97

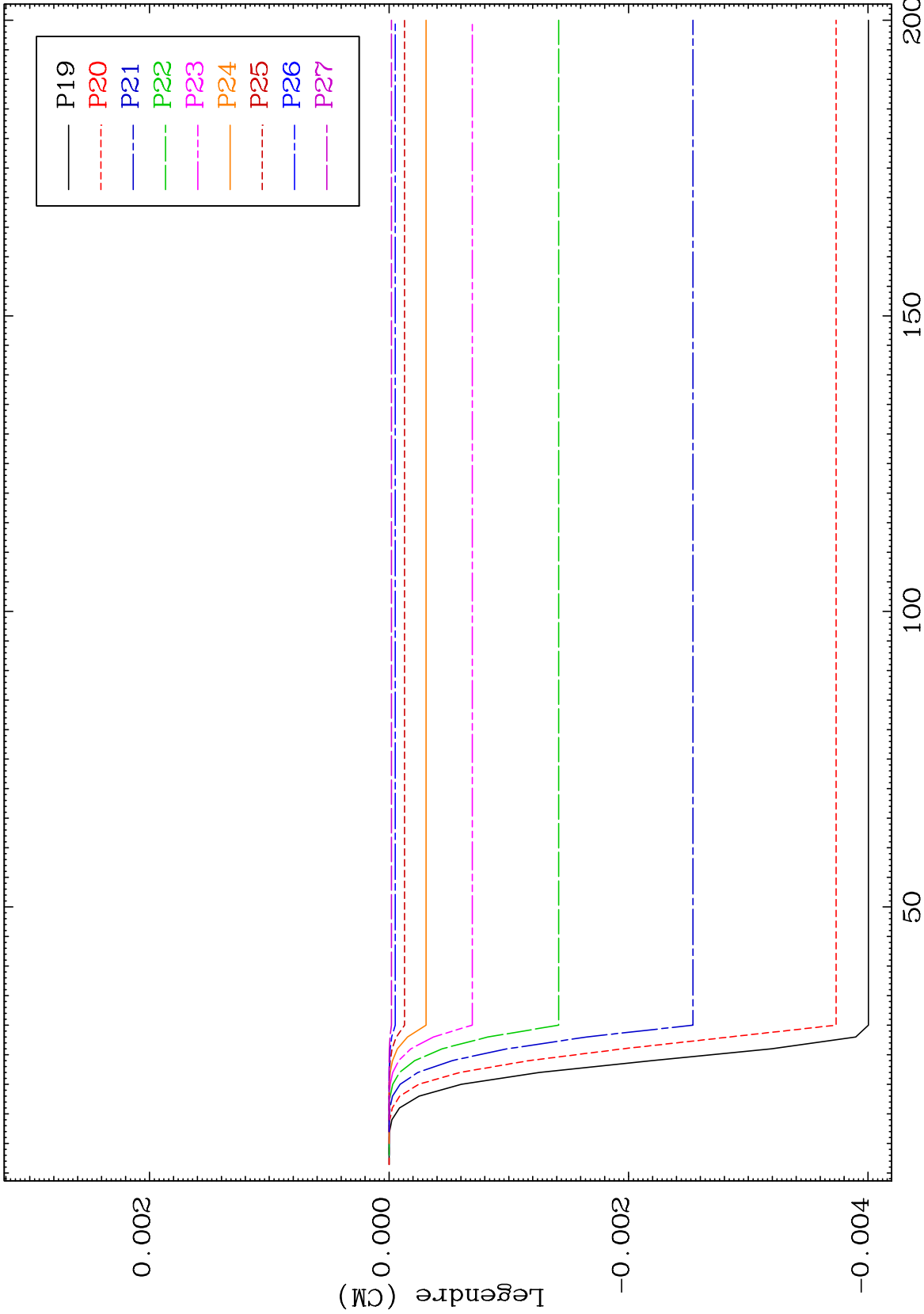
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151

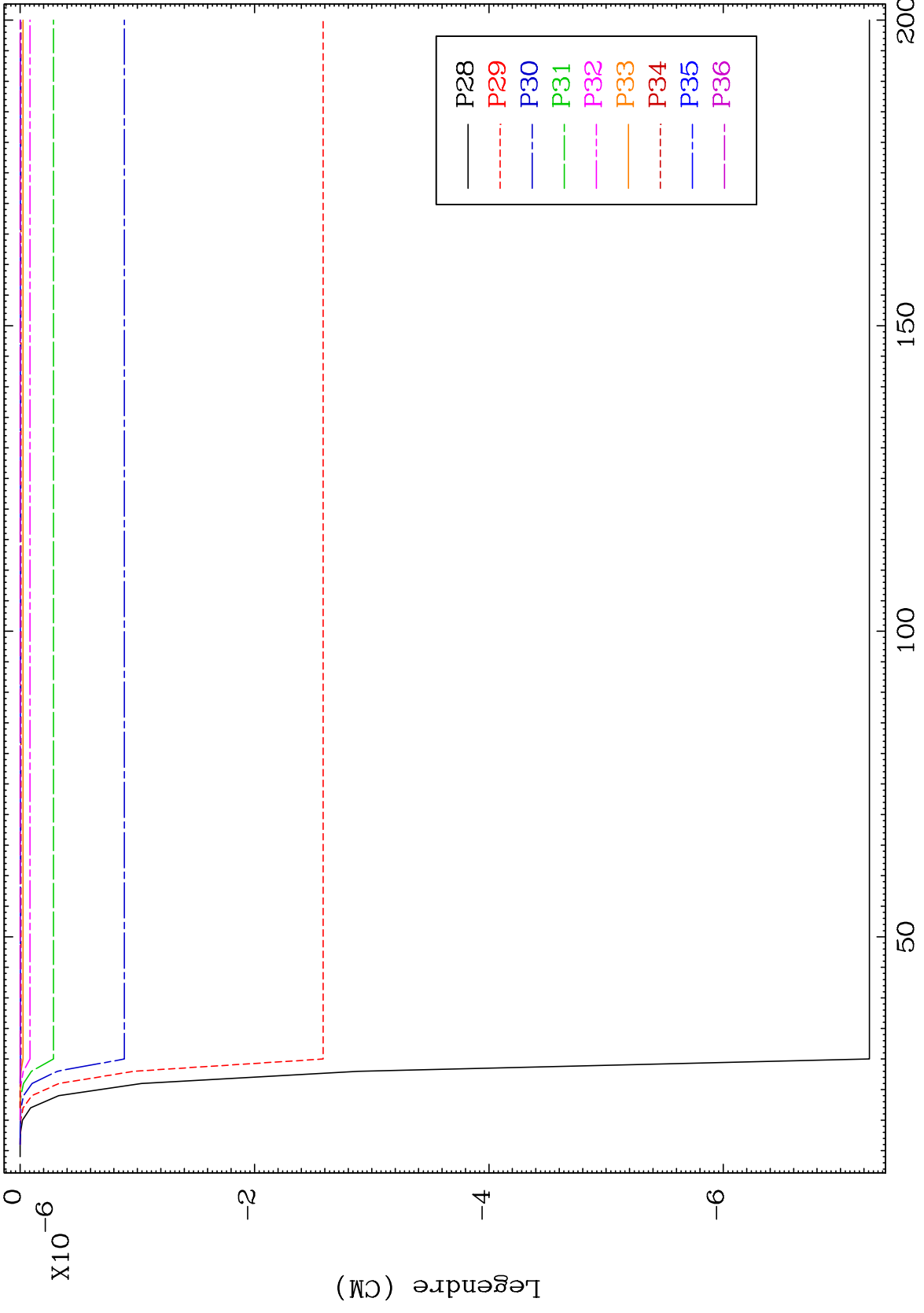


98

Incident Energy (MeV)

59-Pr-151

MAT 5955 MT= 70 (n,n') Level Legendre Coefficients 59-Pr-151

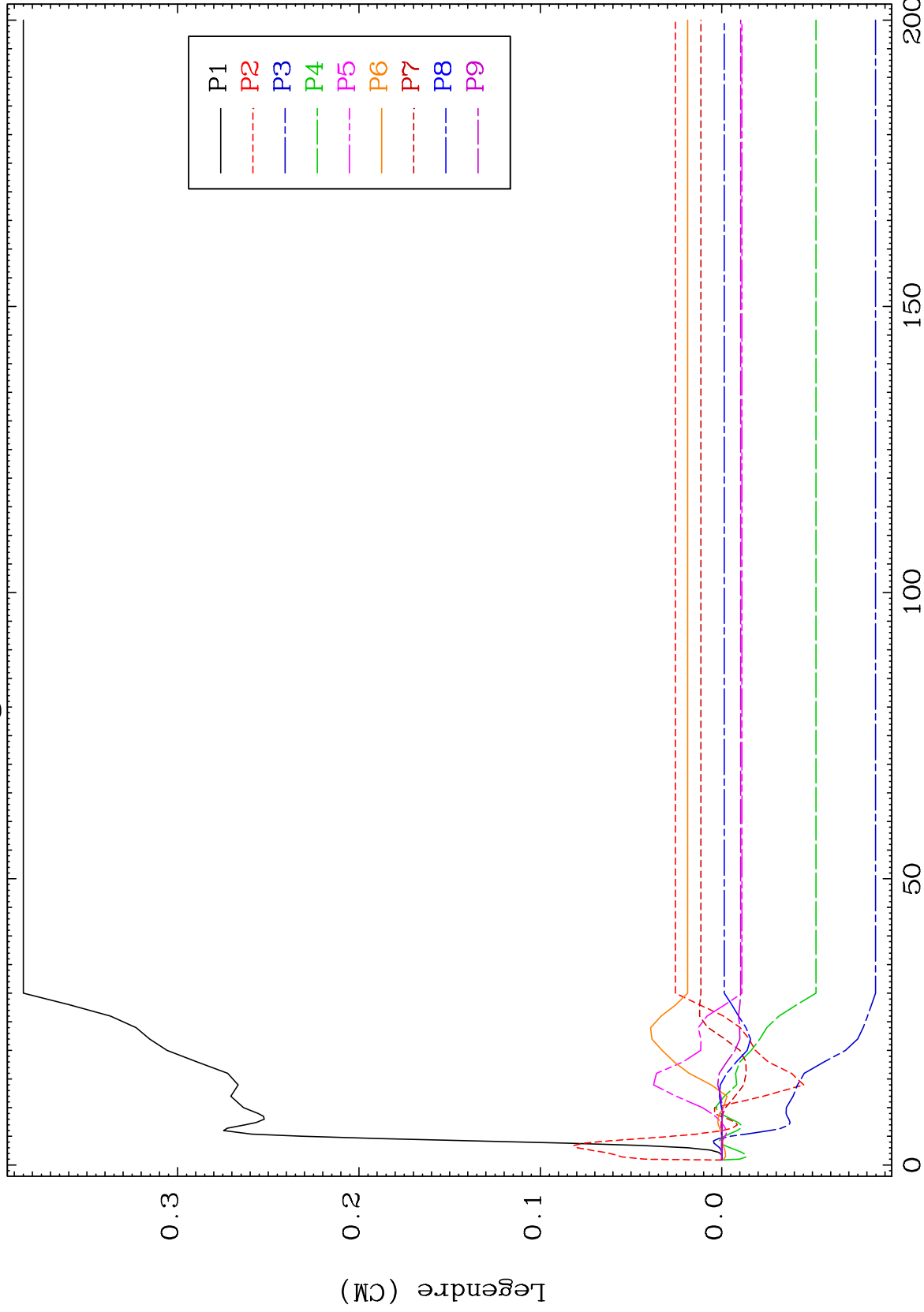


99 59-Pr-151

MAT 5955

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

59-Pr-151



59-Pr-151

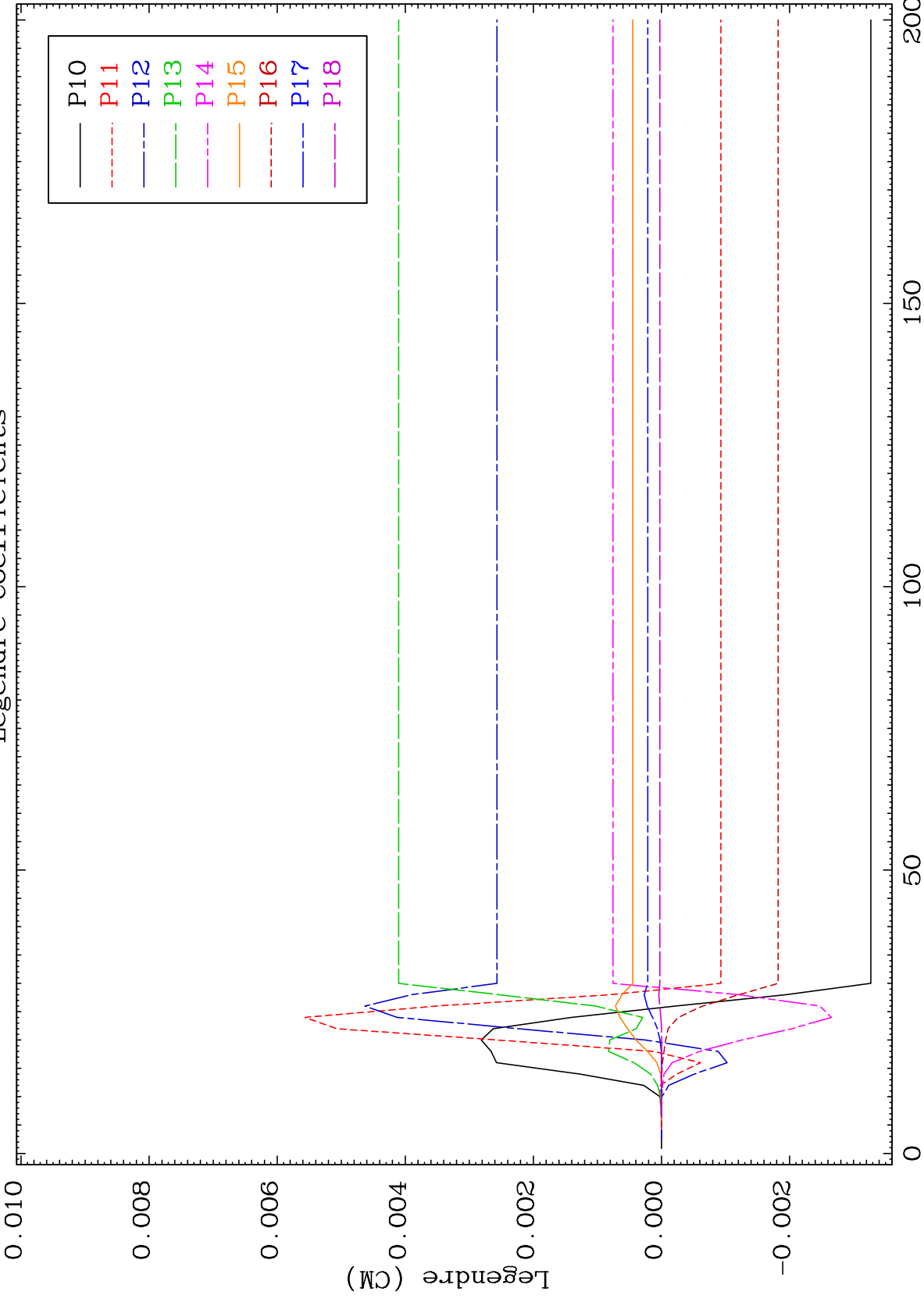
Incident Energy (MeV)

100

MAT 5955

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

59-Pr-151



101

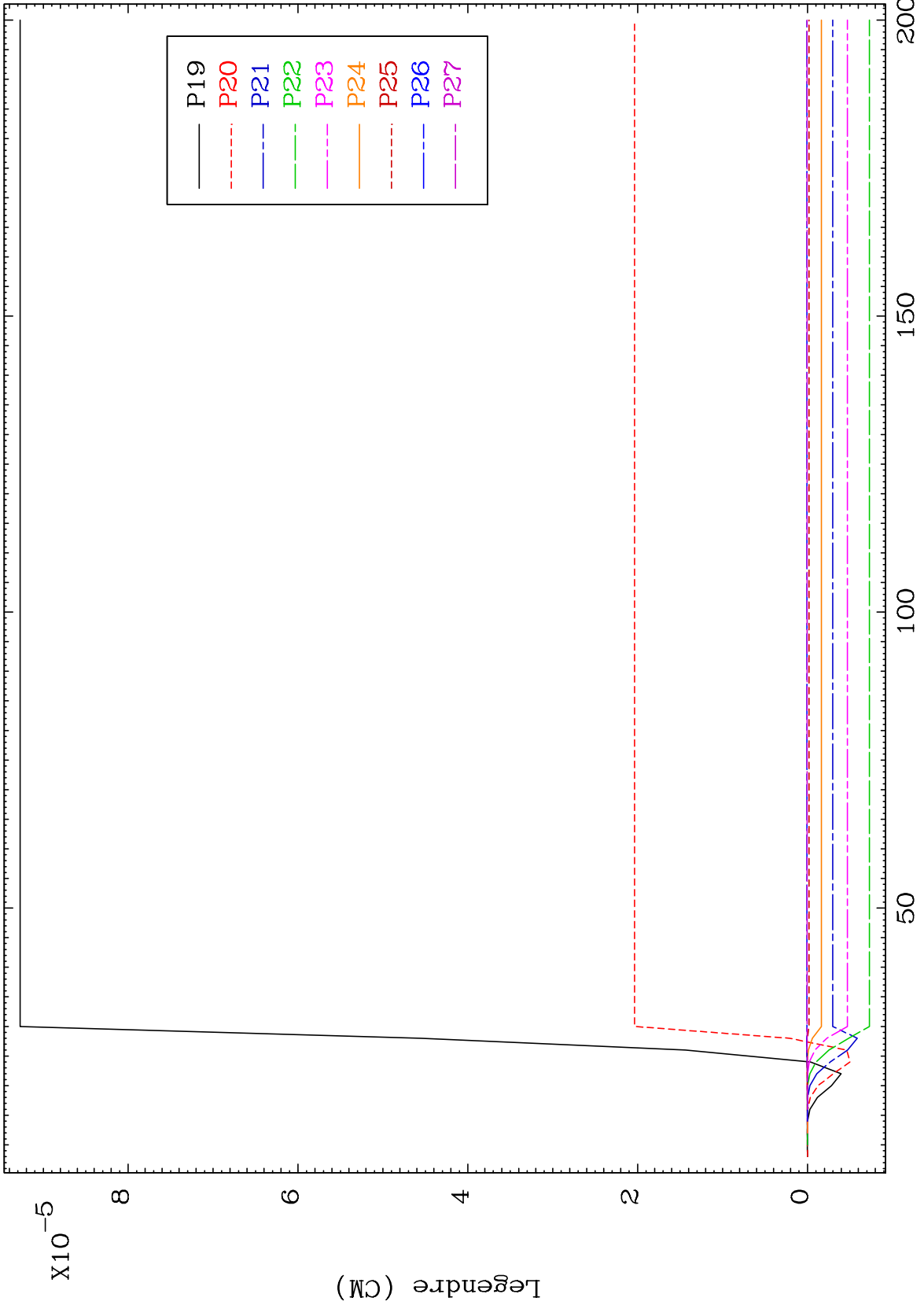
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



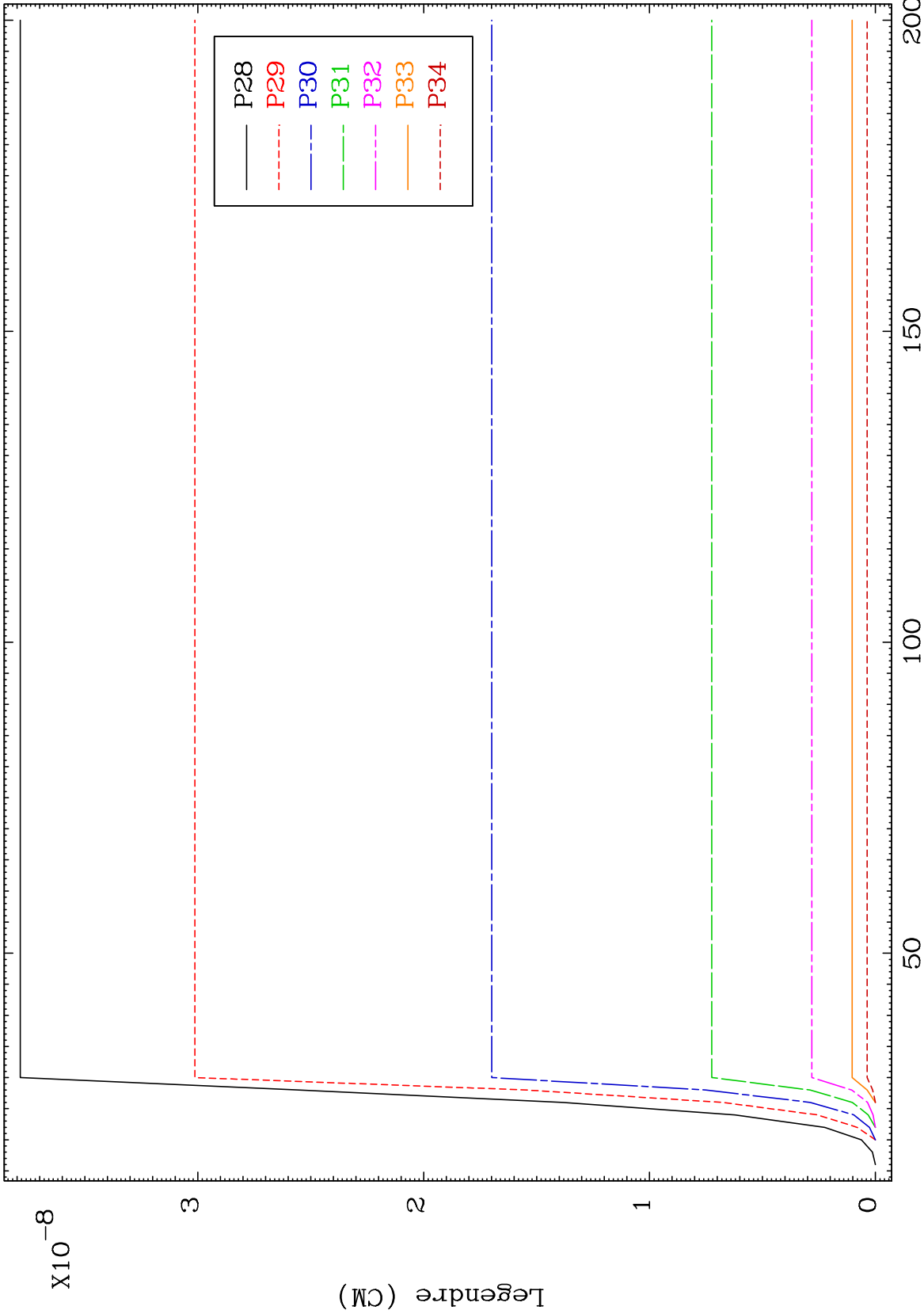
102

59-Pr-151

MAT 5955

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

59-Pr-151



103

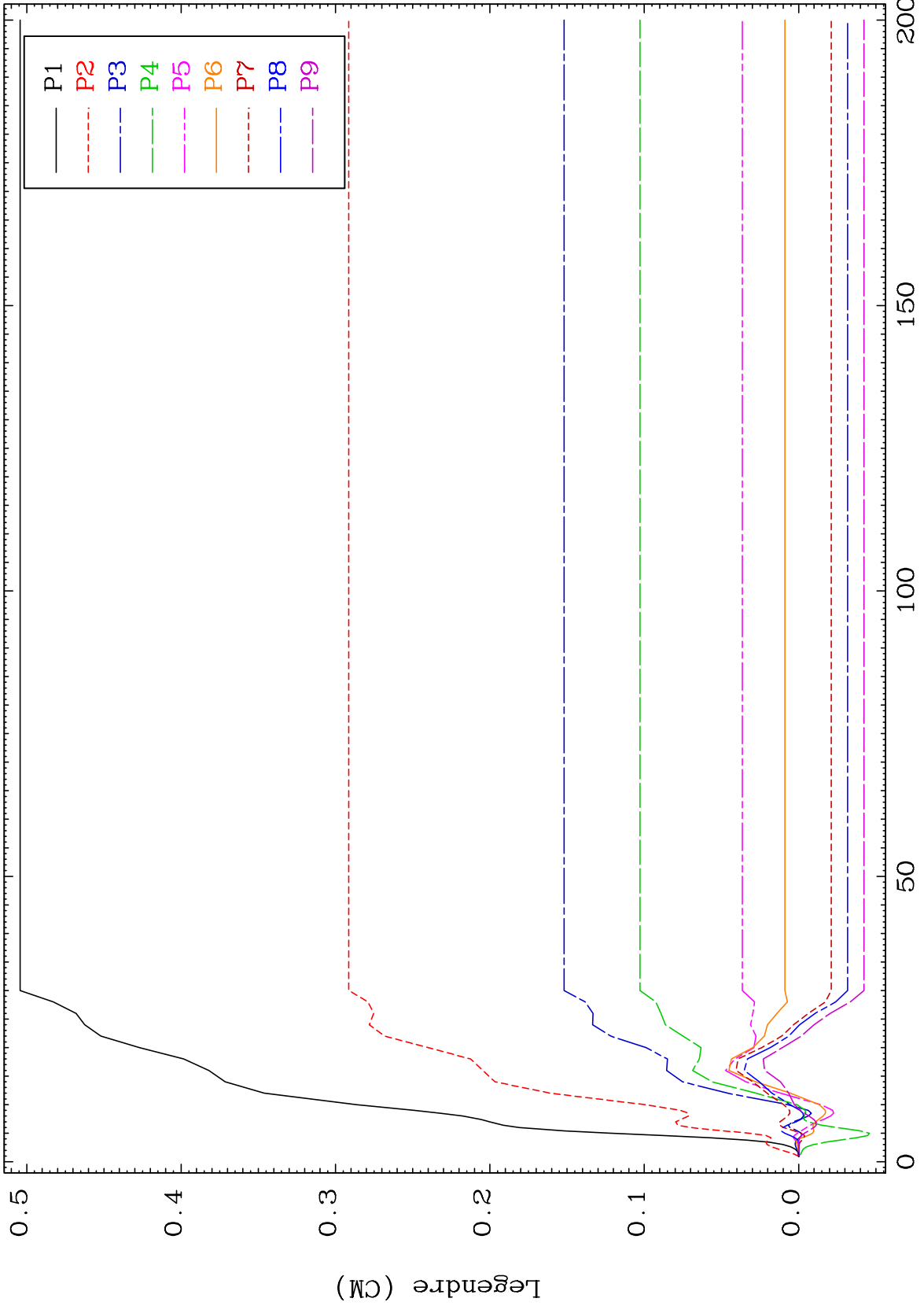
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



59-Pr-151

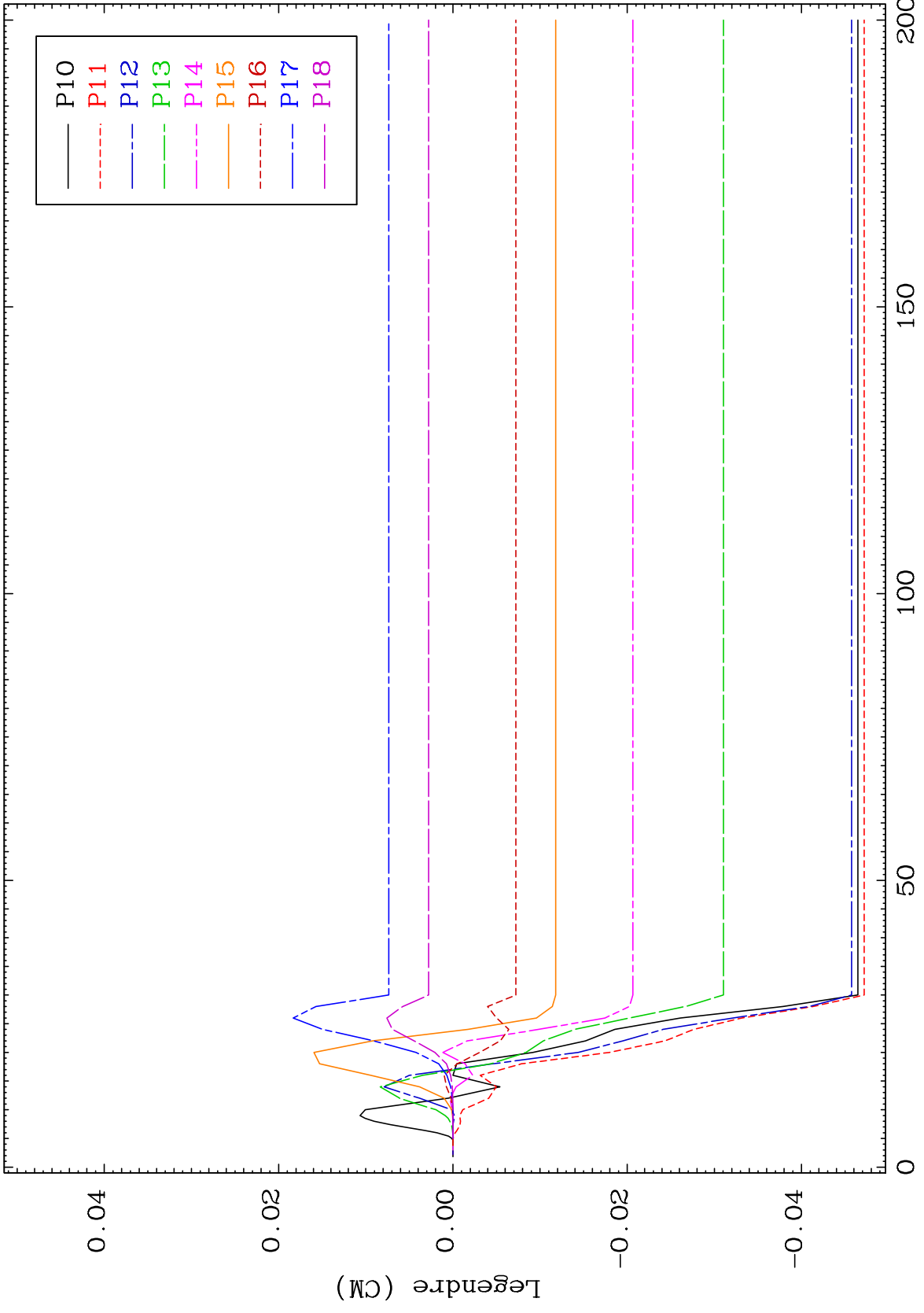
Incident Energy (MeV)

104

MAT 5955

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

59-Pr-151



59-Pr-151

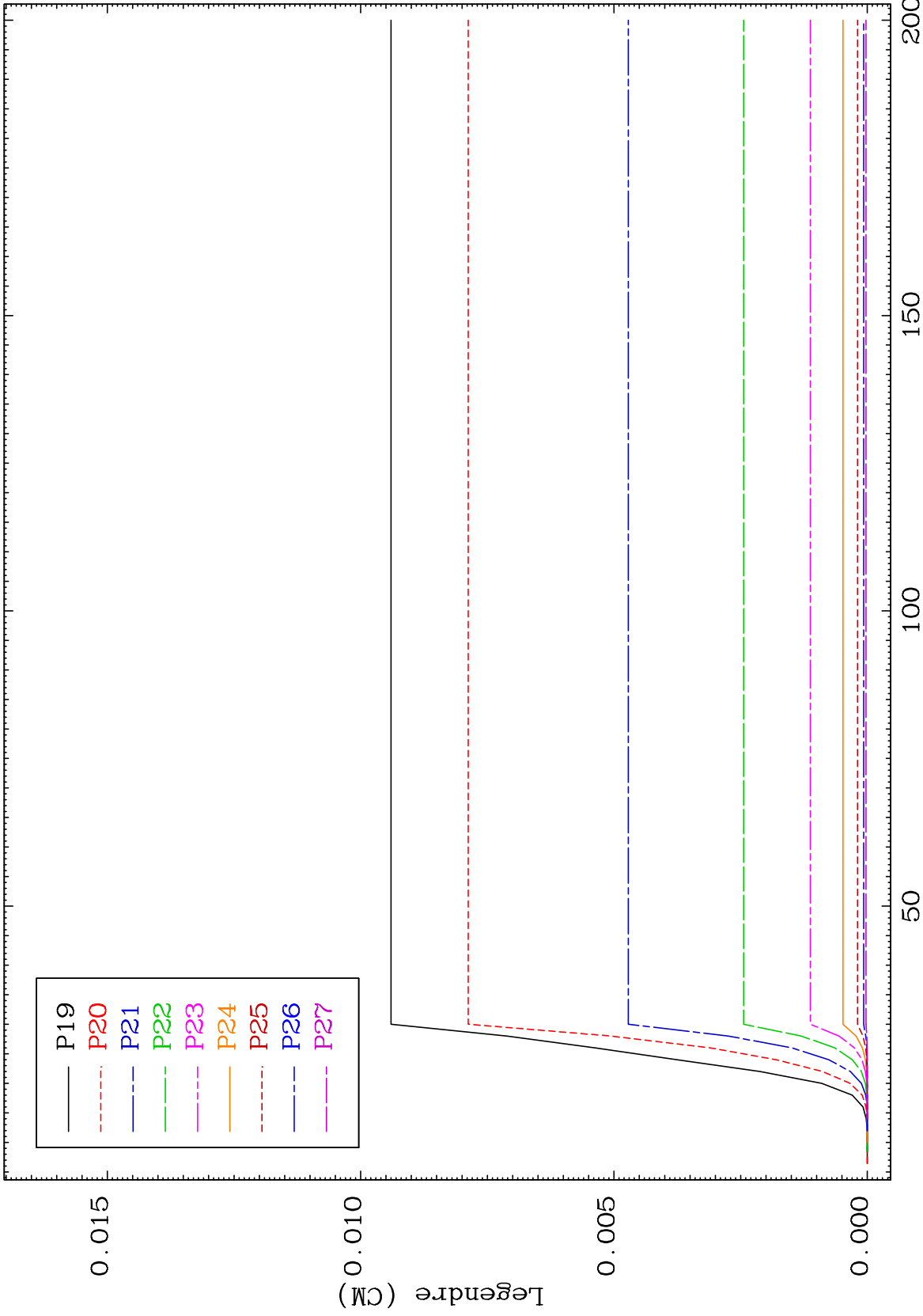
Incident Energy (MeV)

Legendre (CM)

MAT 5955

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

59-Pr-151



106

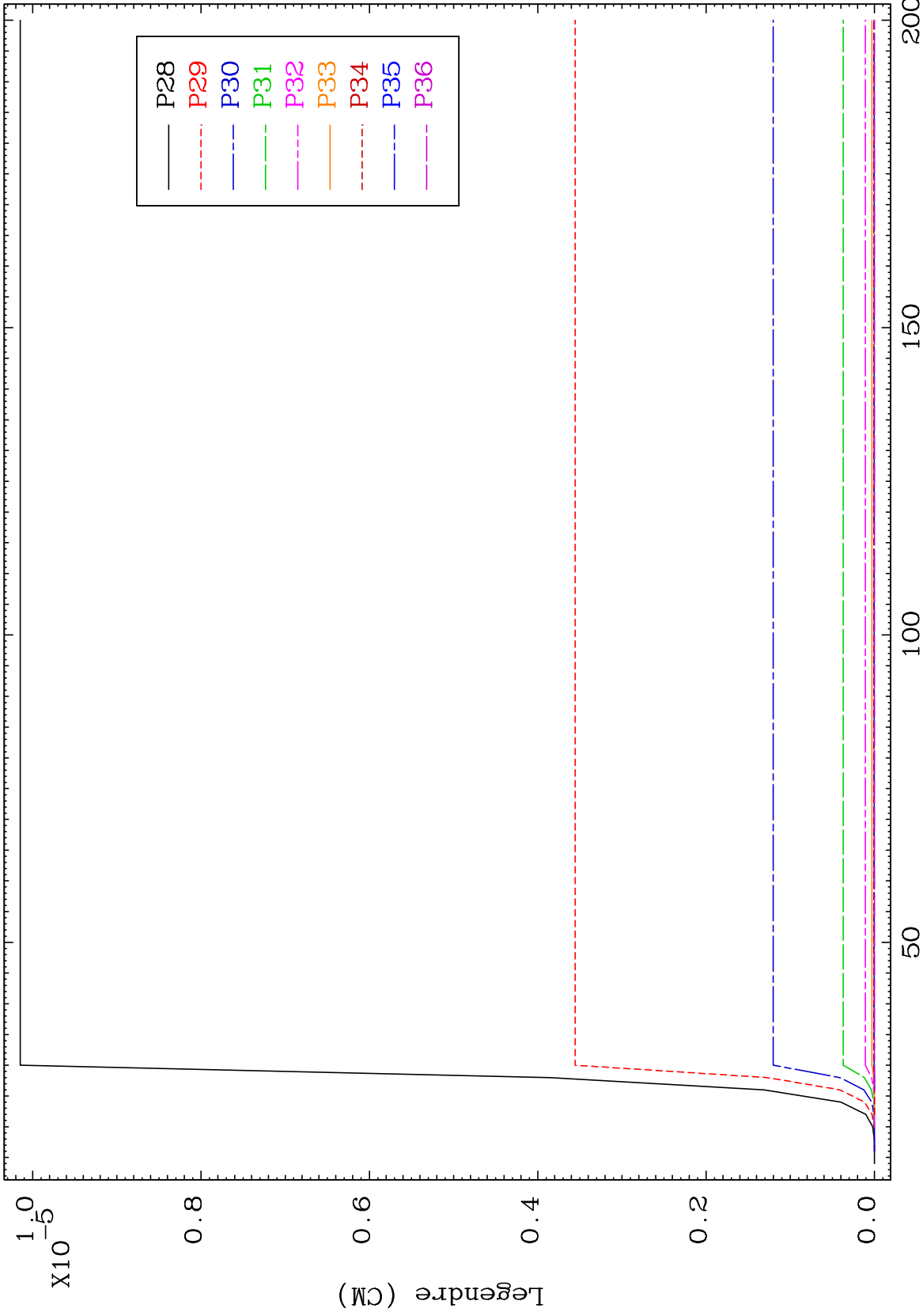
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



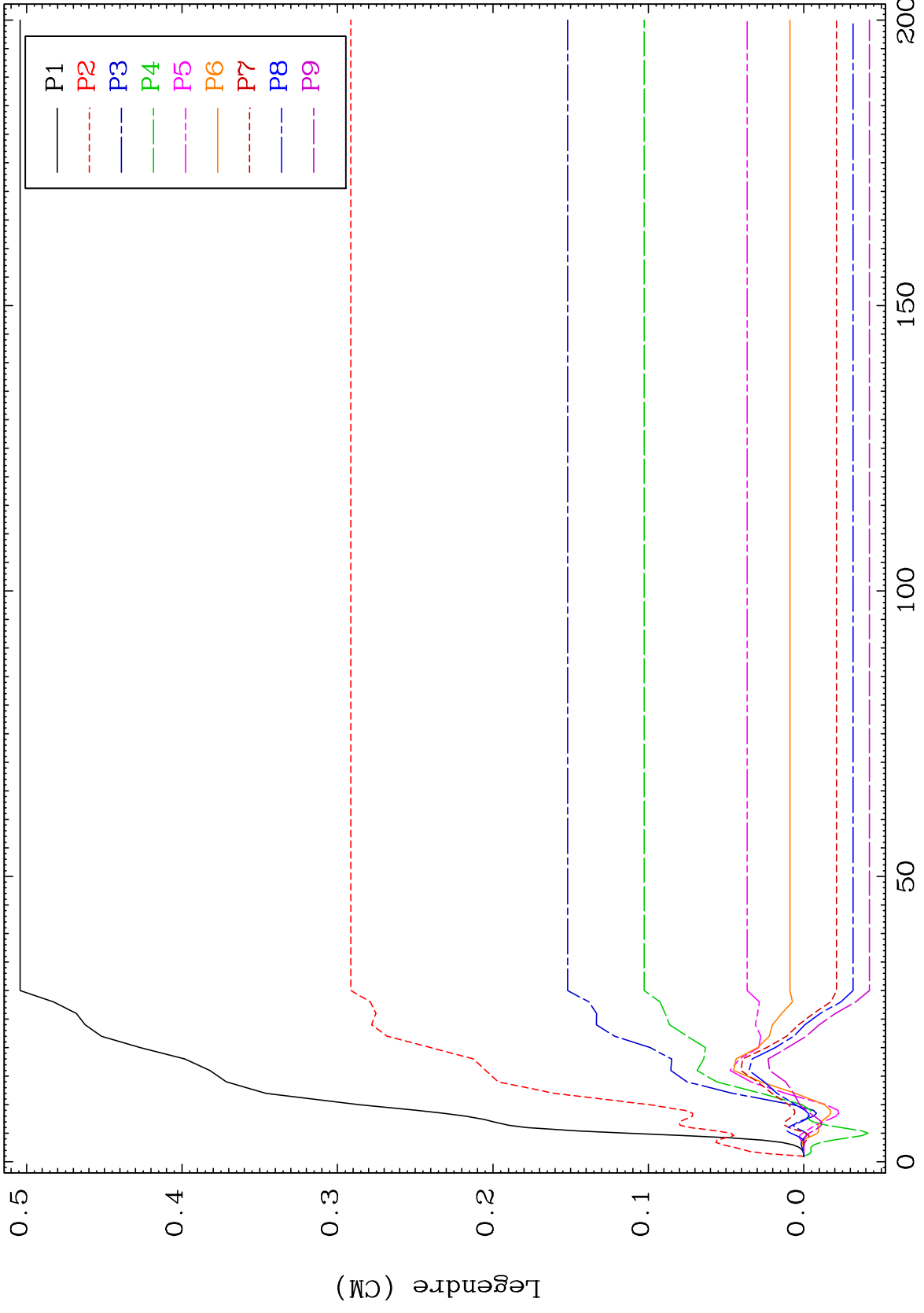
107

59-Pr-151

MAT 5955

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

59-Pr-151



108

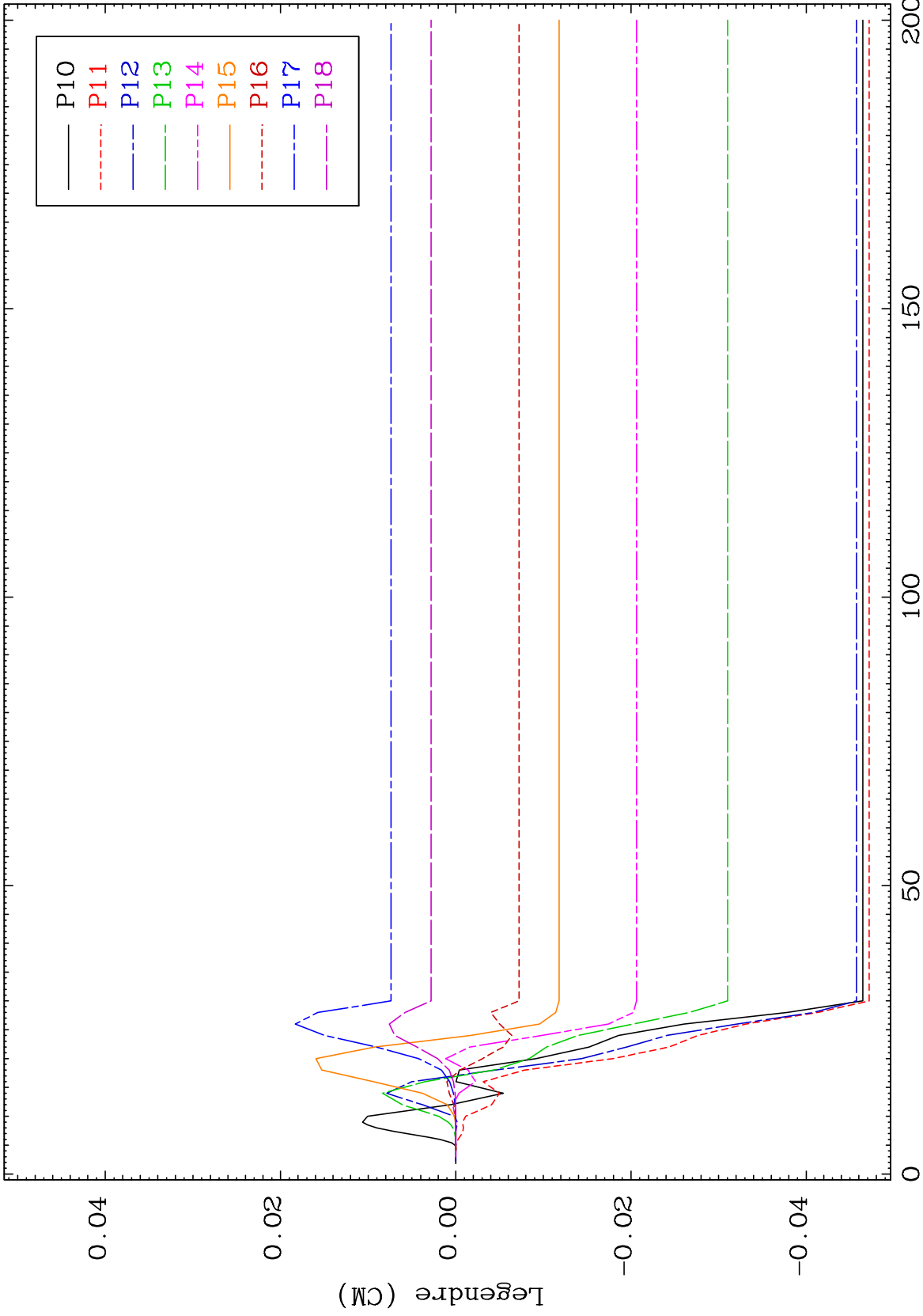
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



109

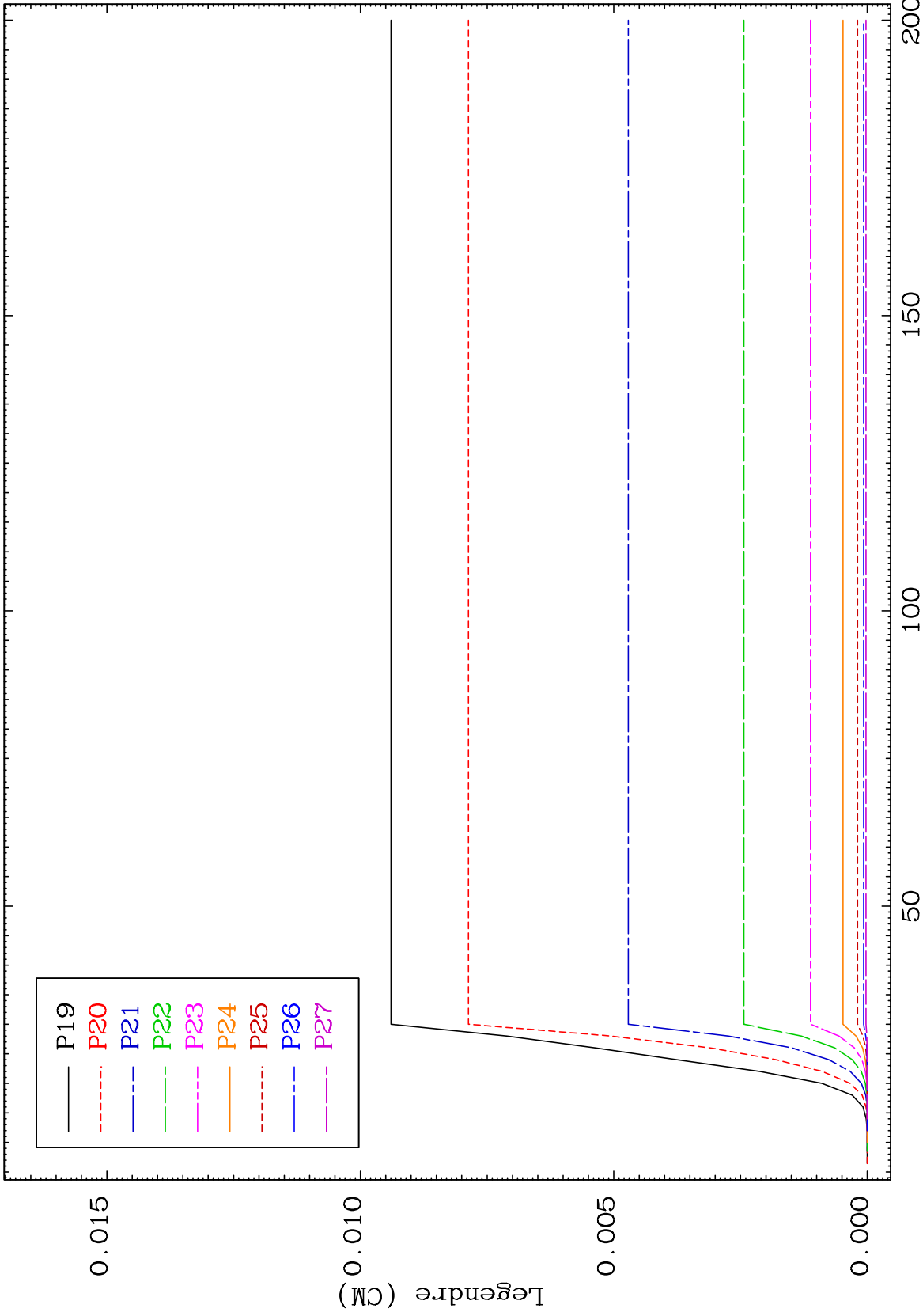
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



110

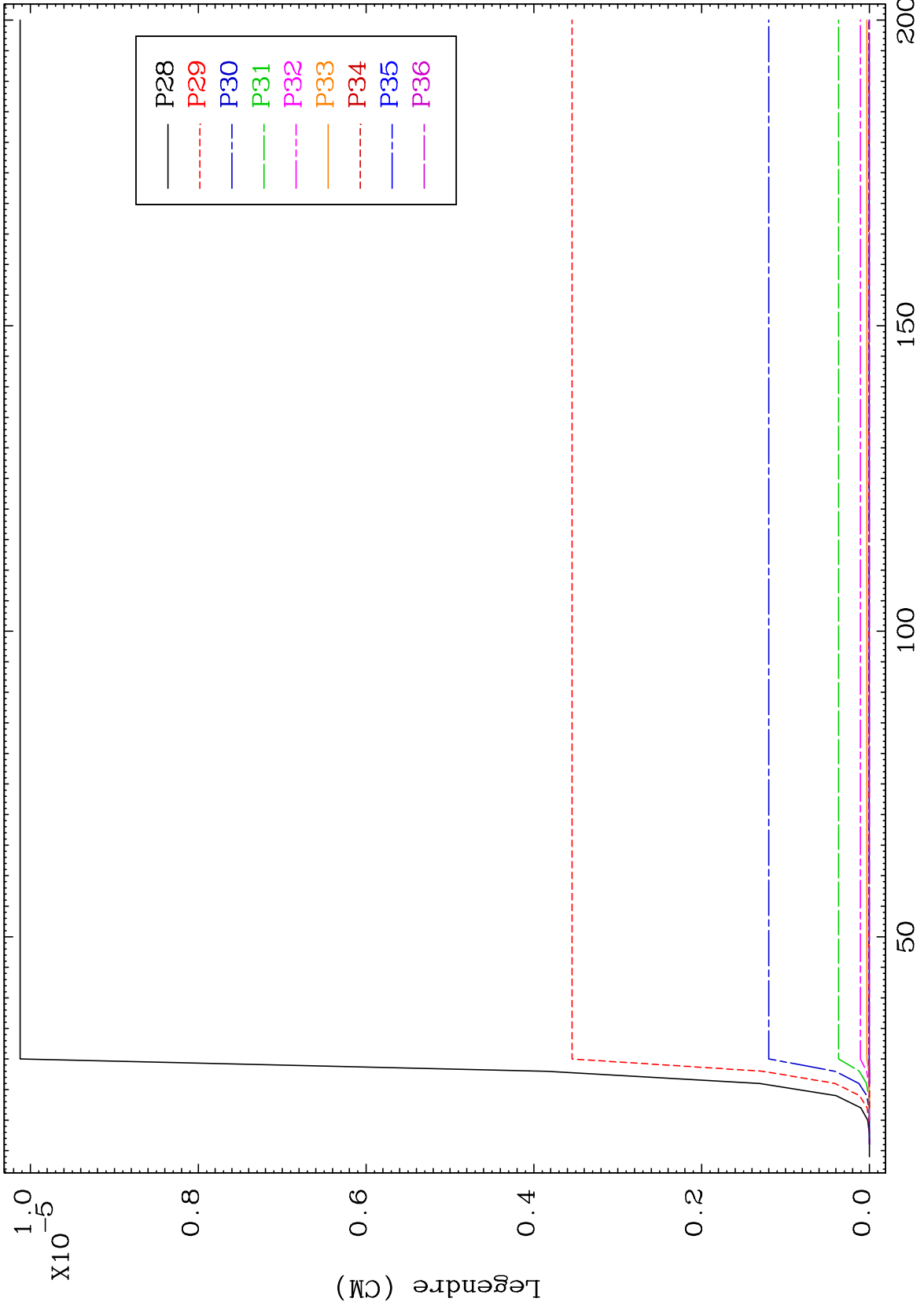
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



111

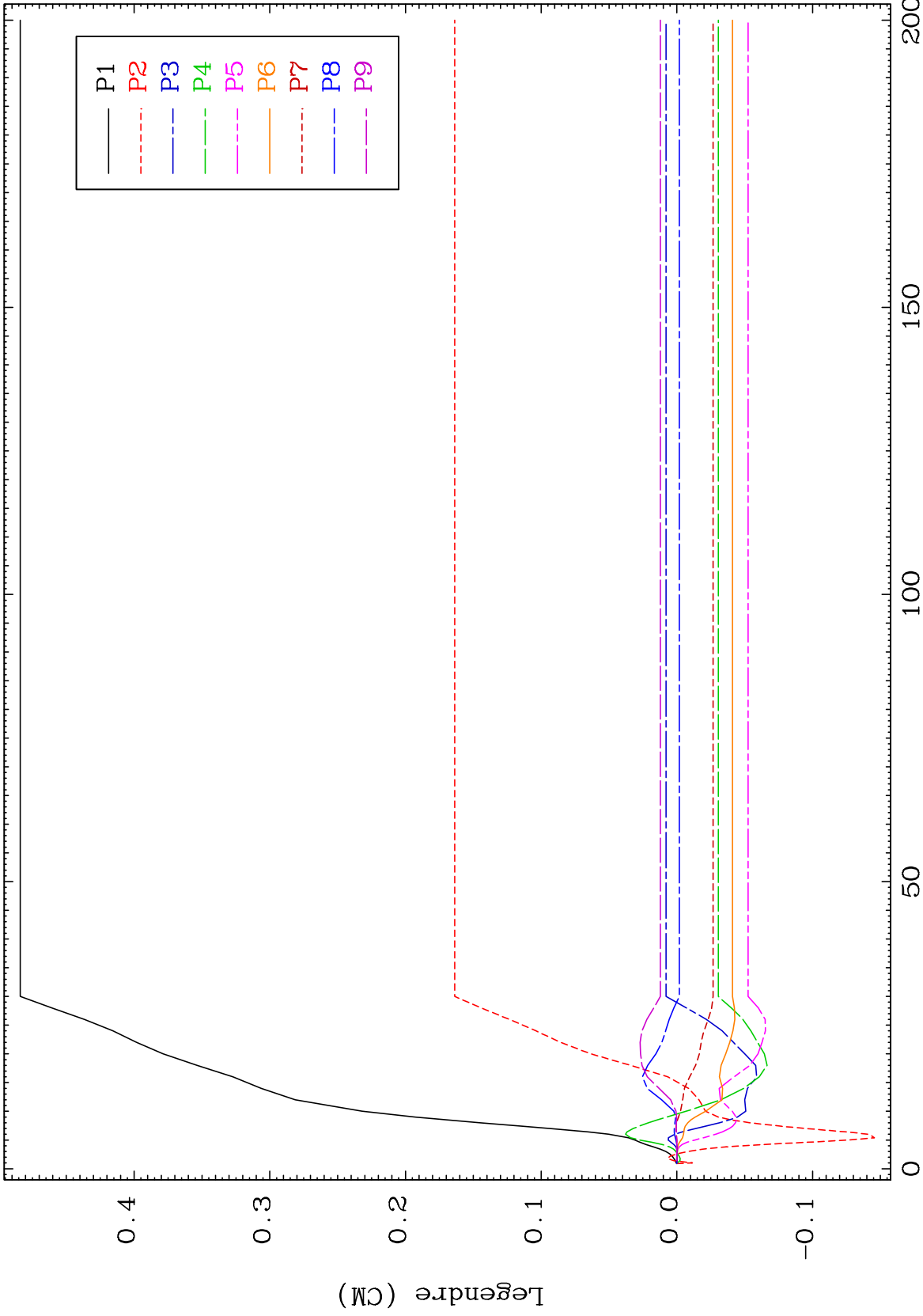
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



59-Pr-151

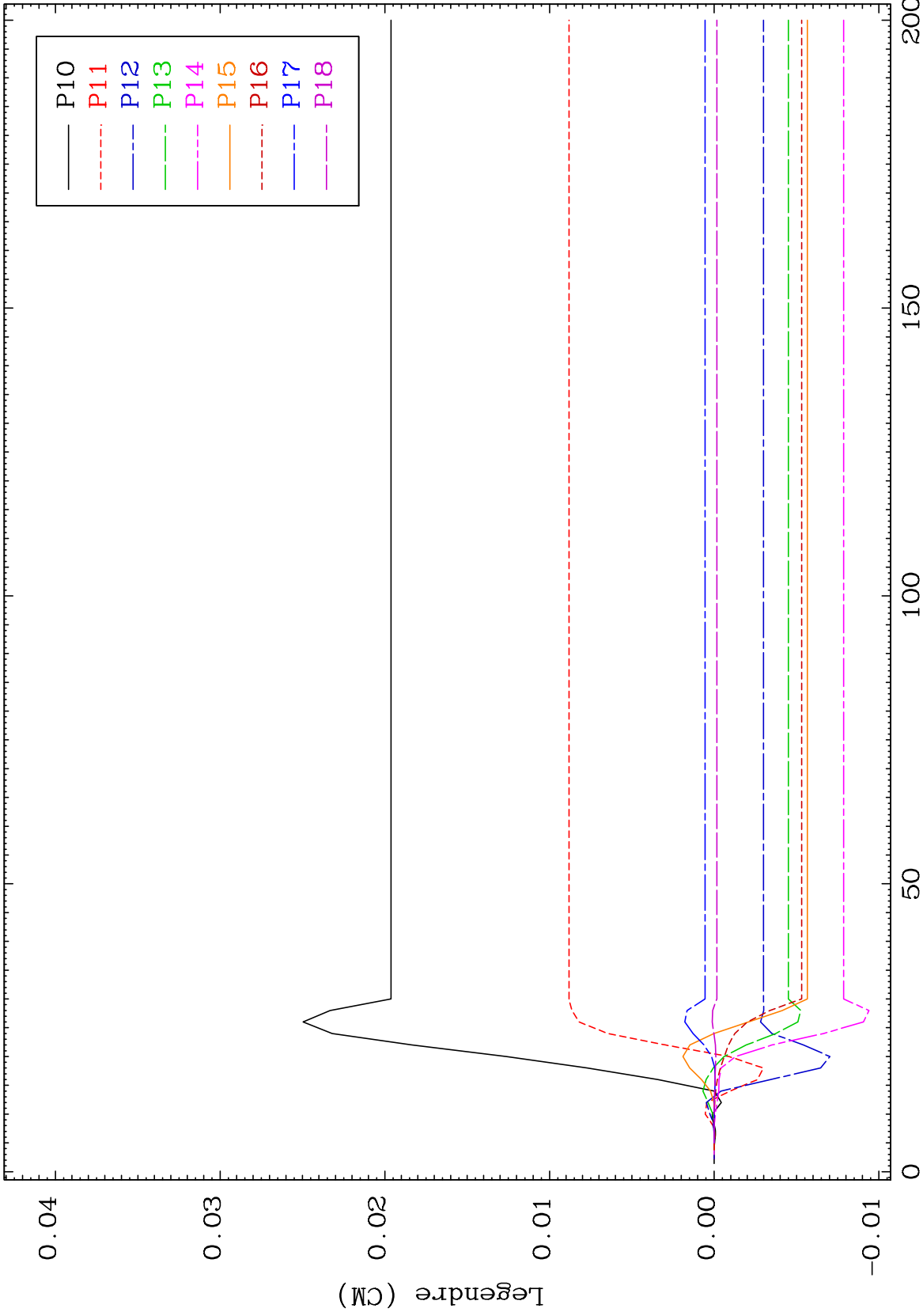
Incident Energy (MeV)

112

MAT 5955

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

59-Pr-151



113

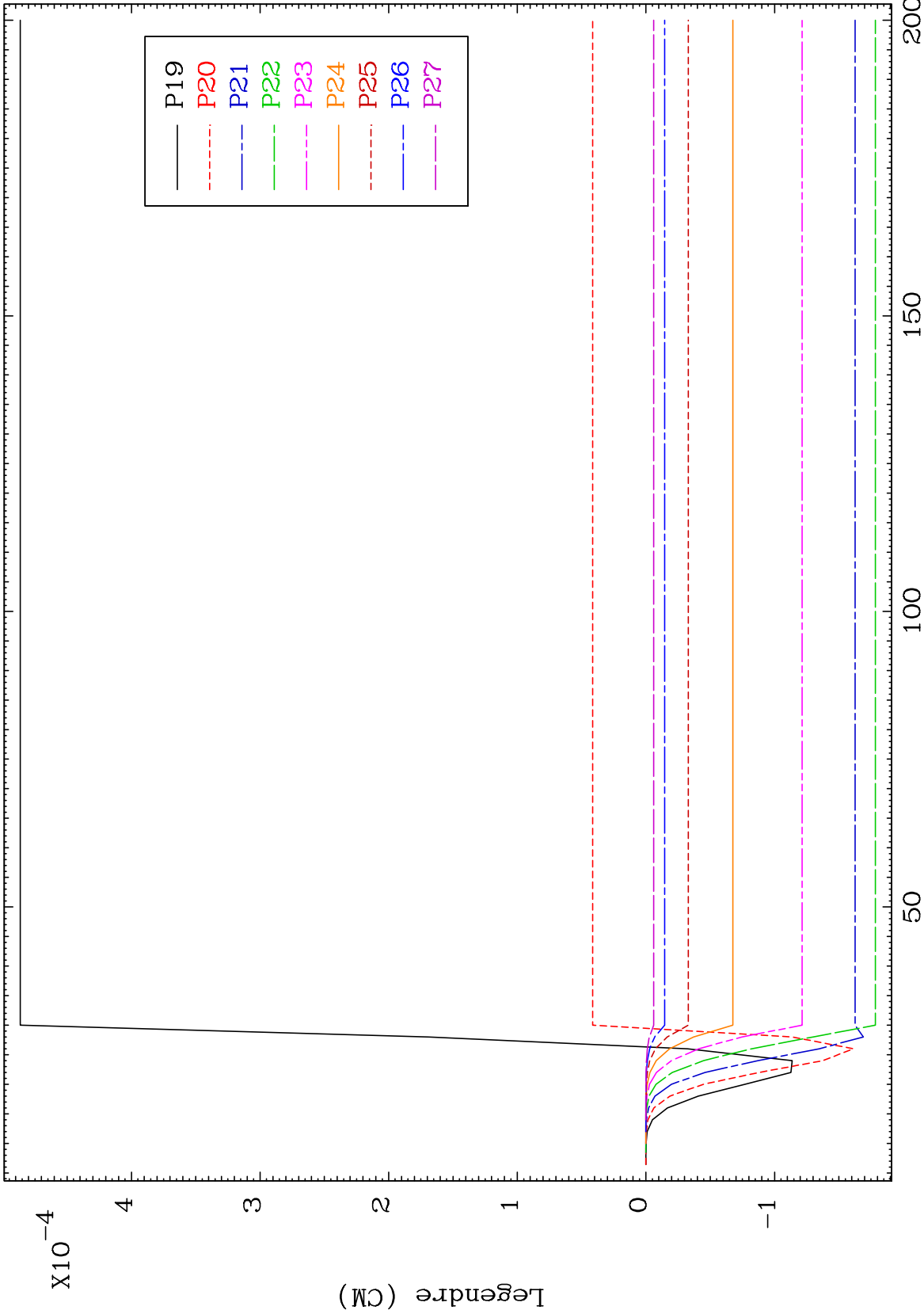
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



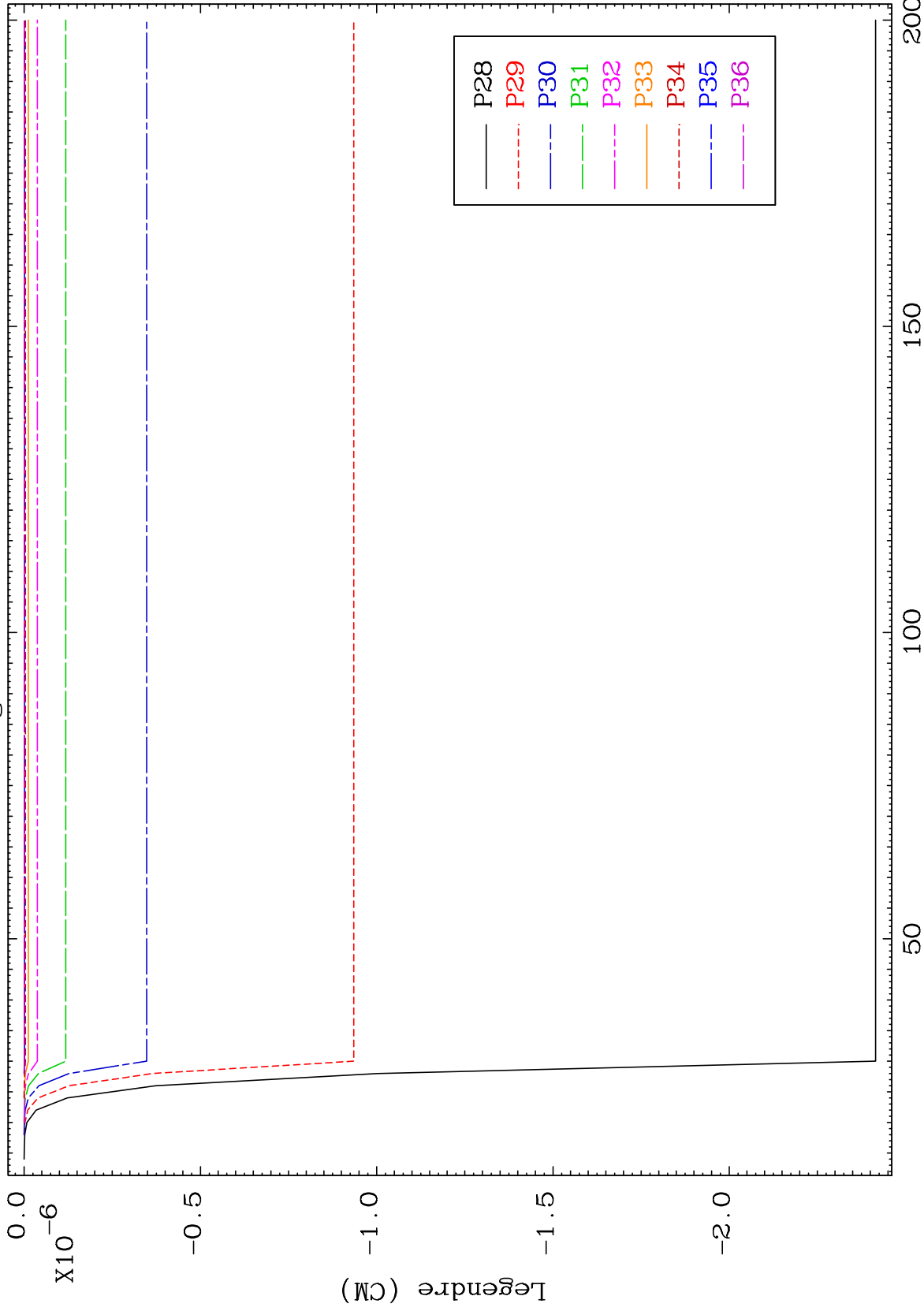
114

59-Pr-151

MAT 5955

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

59-Pr-151



115

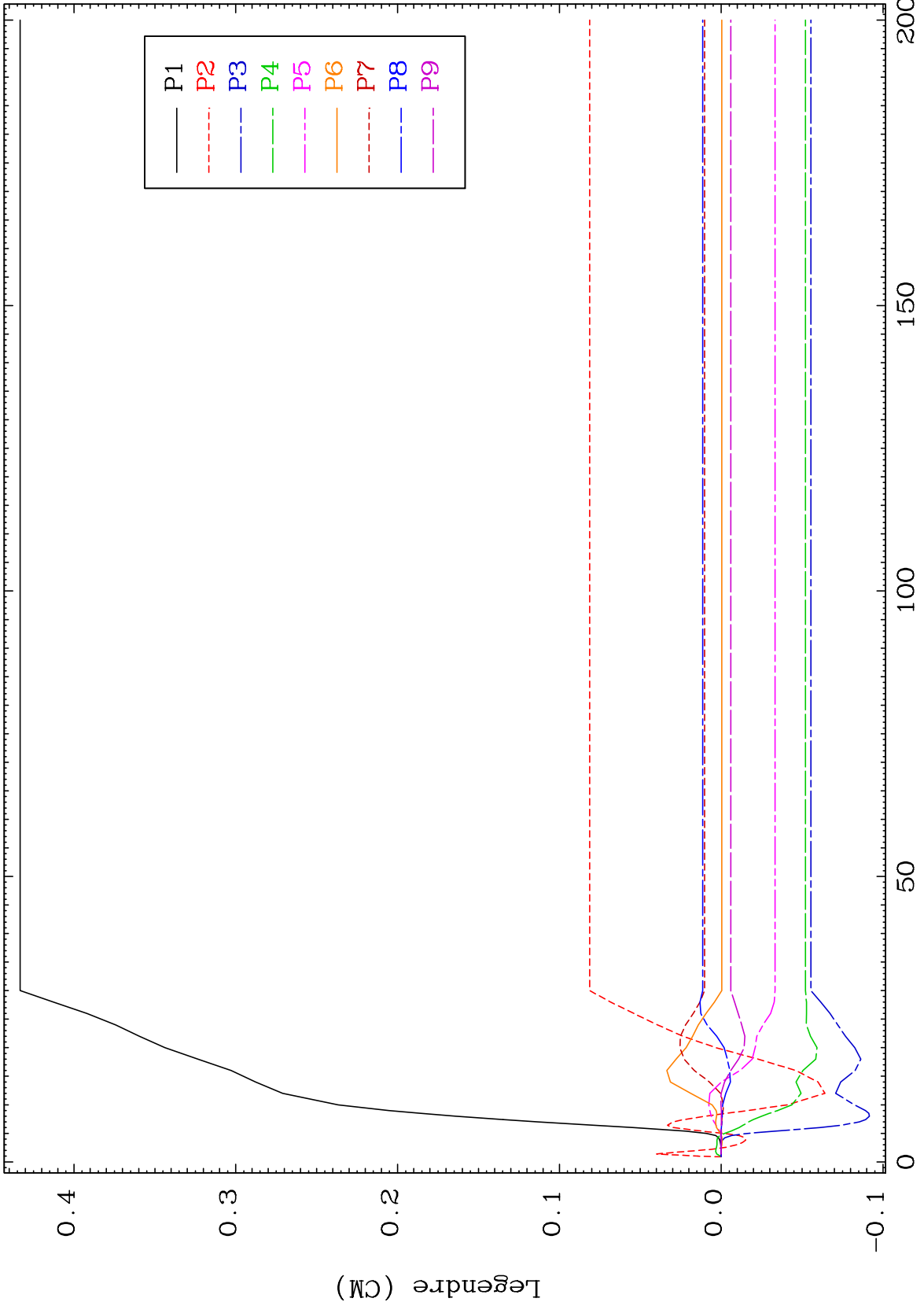
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



116

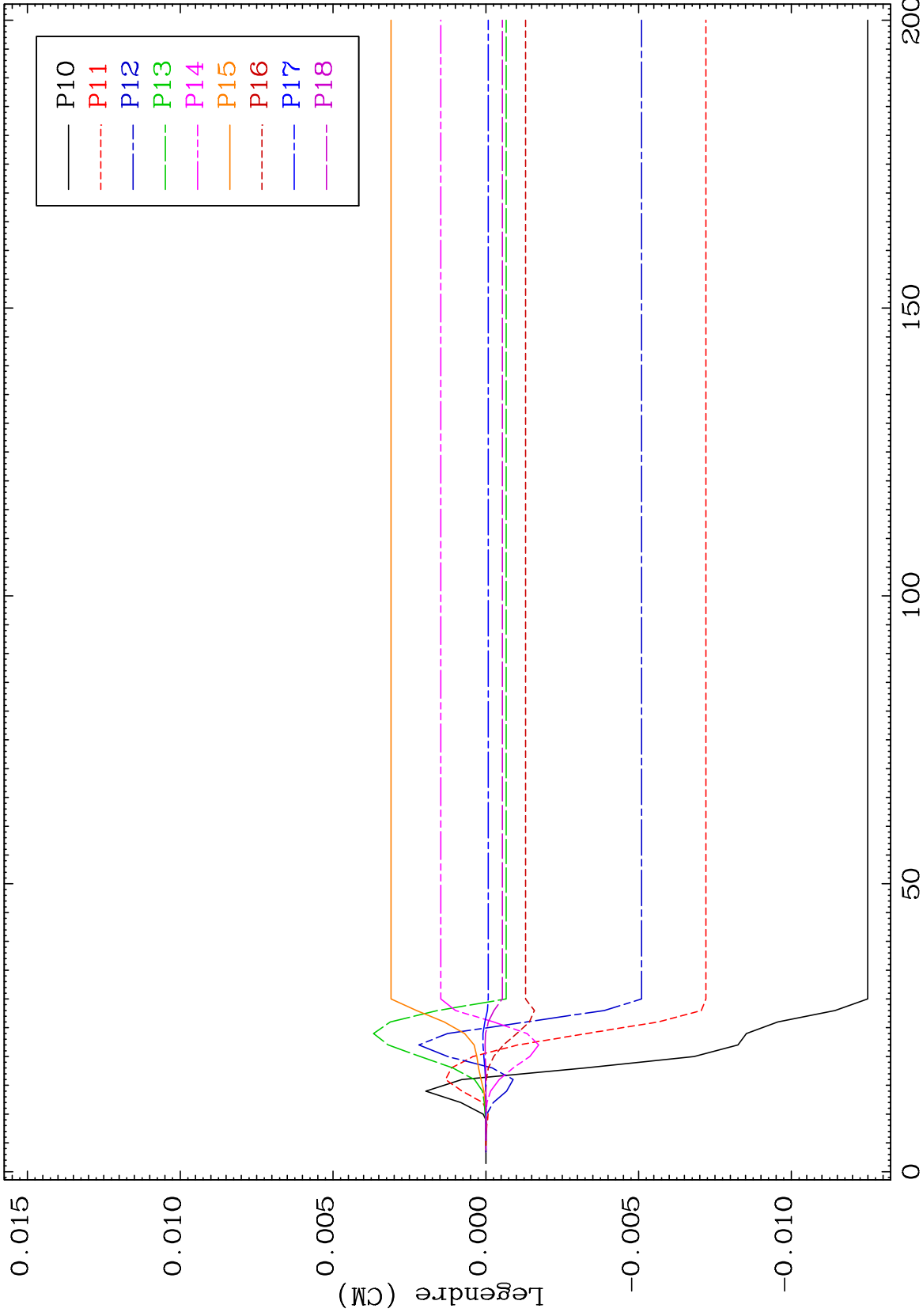
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



117

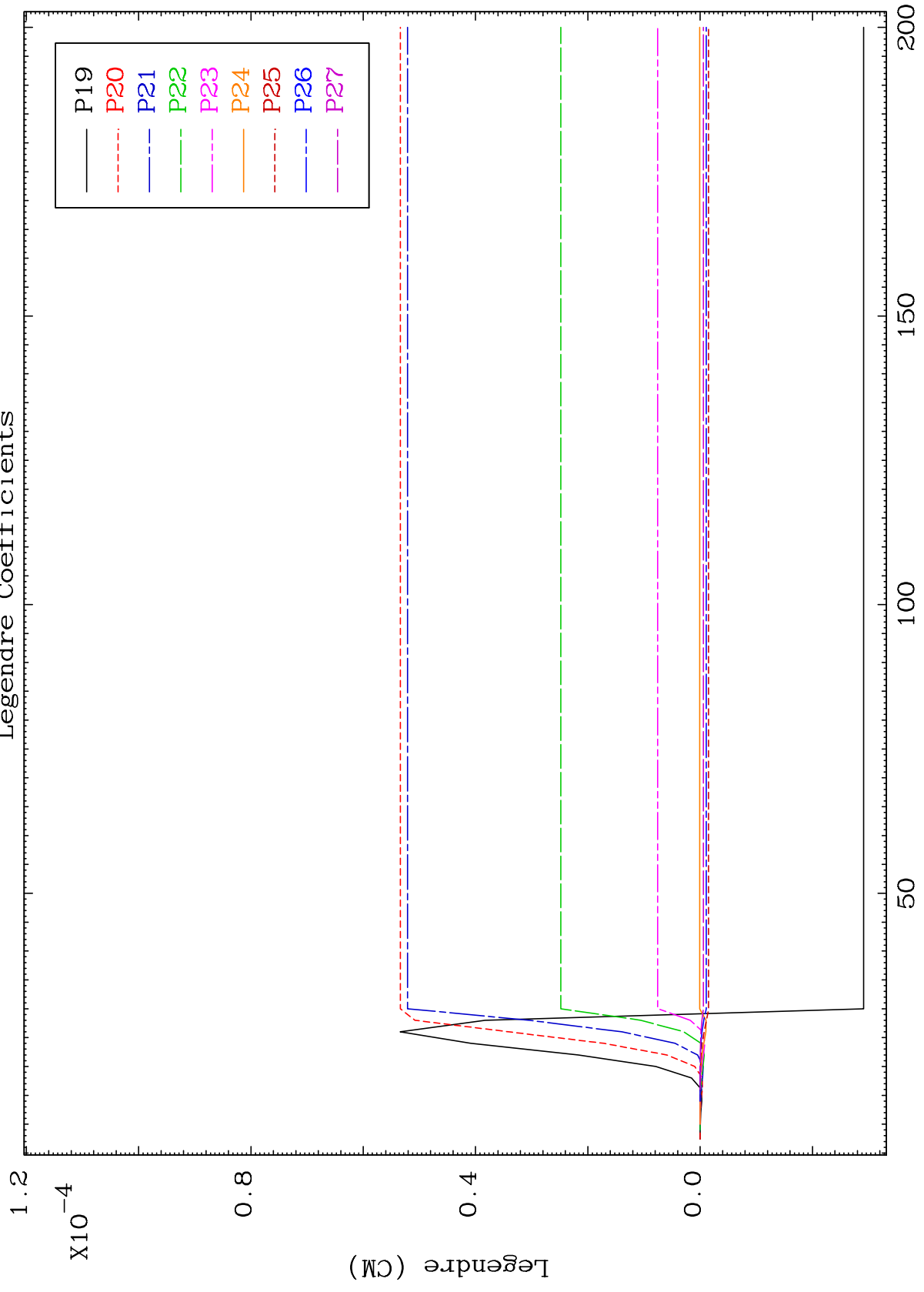
Incident Energy (MeV)

59-Pr-151

MAT 5955

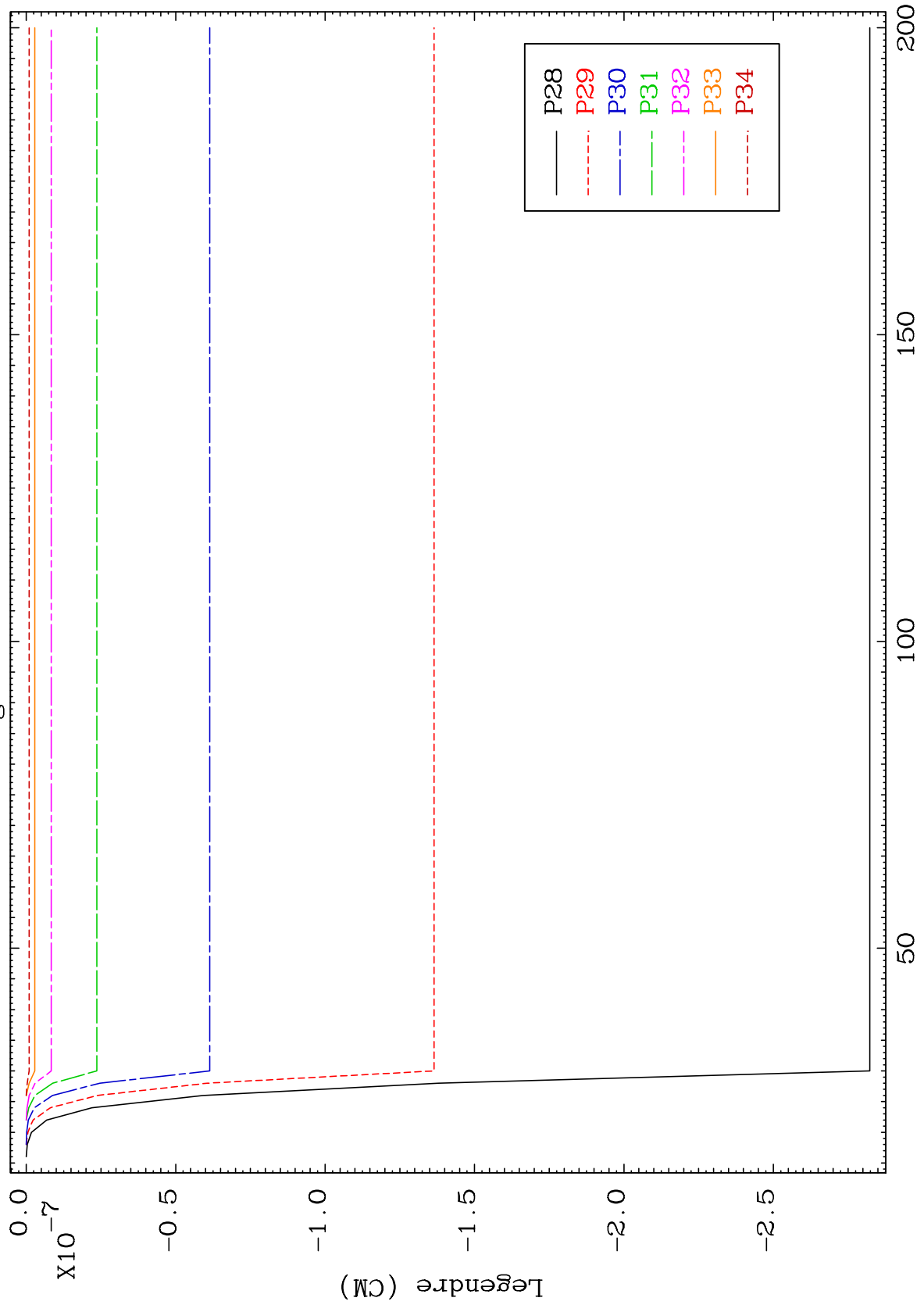
MT= 75 (n,n') Level
Legendre Coefficients

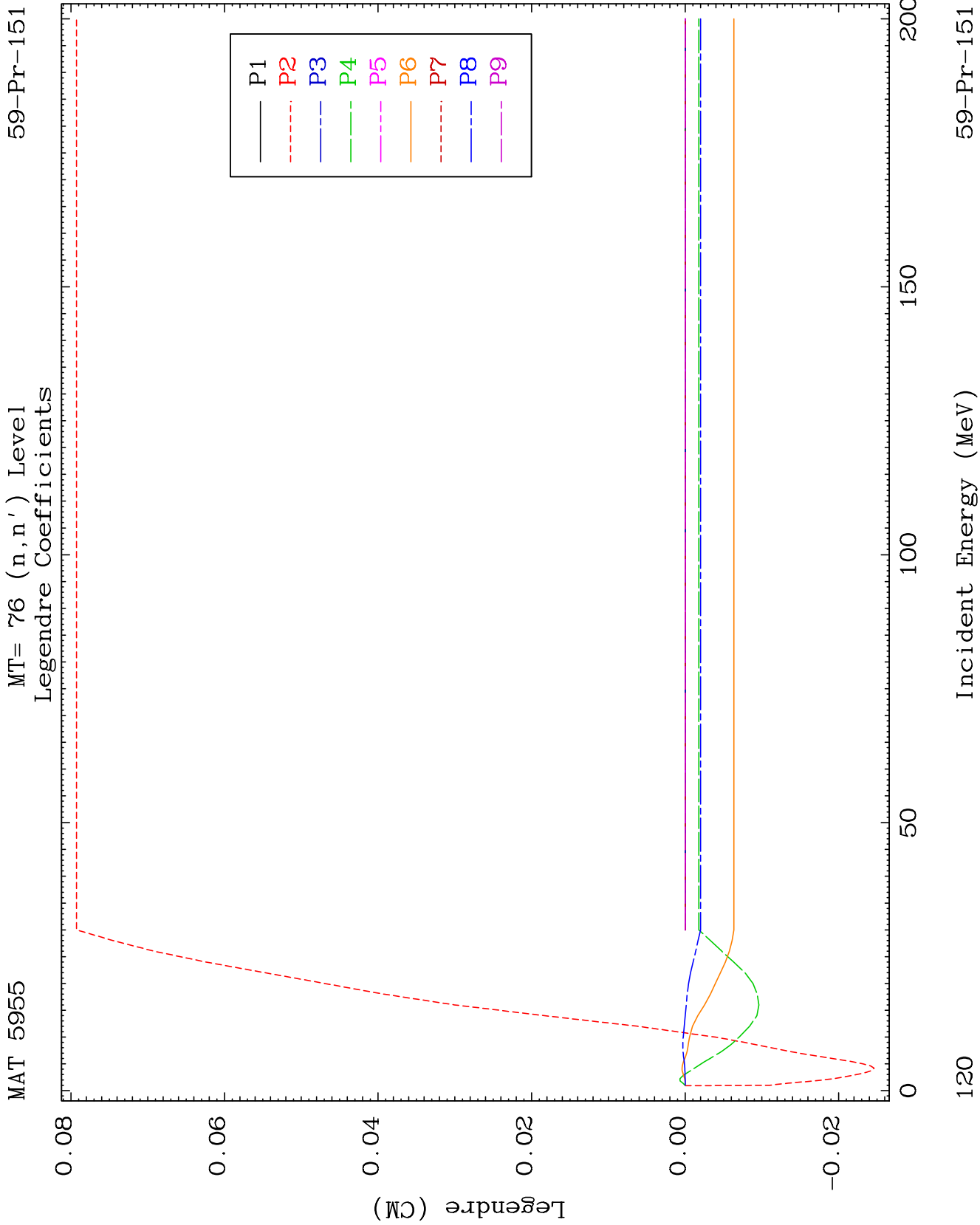
59-Pr-151



118

59-Pr-151

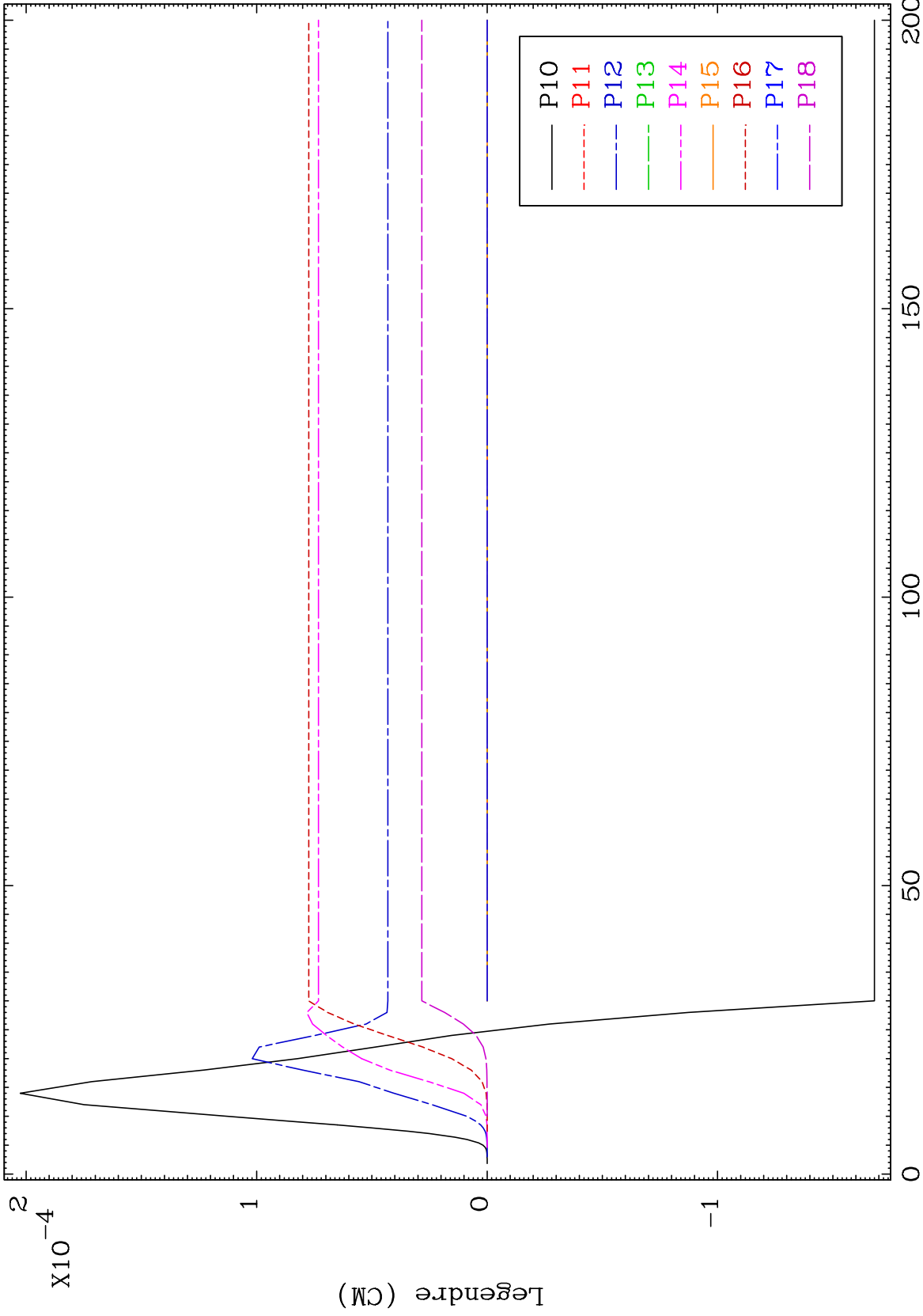




MAT 5955

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

59-Pr-151



121

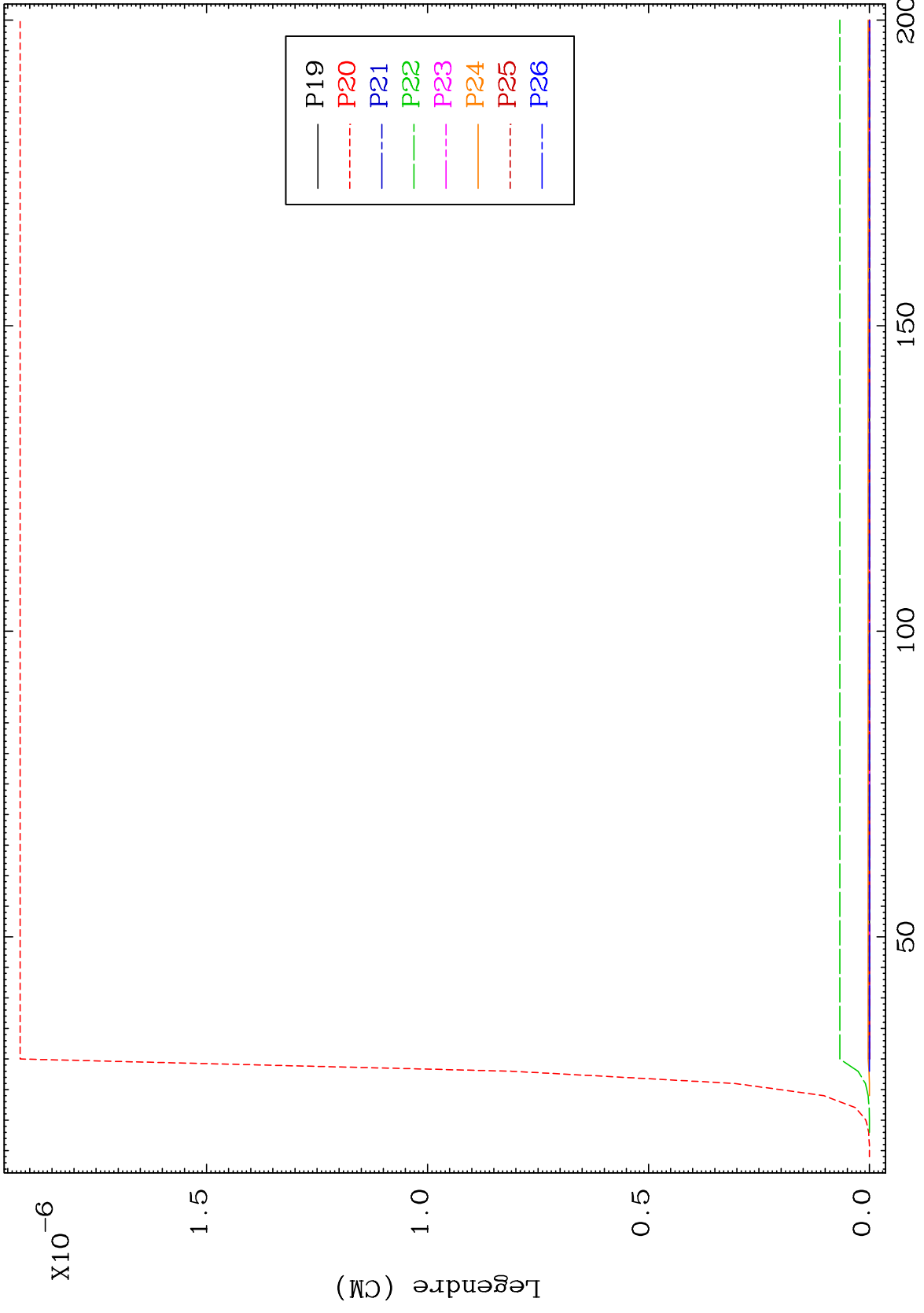
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



122

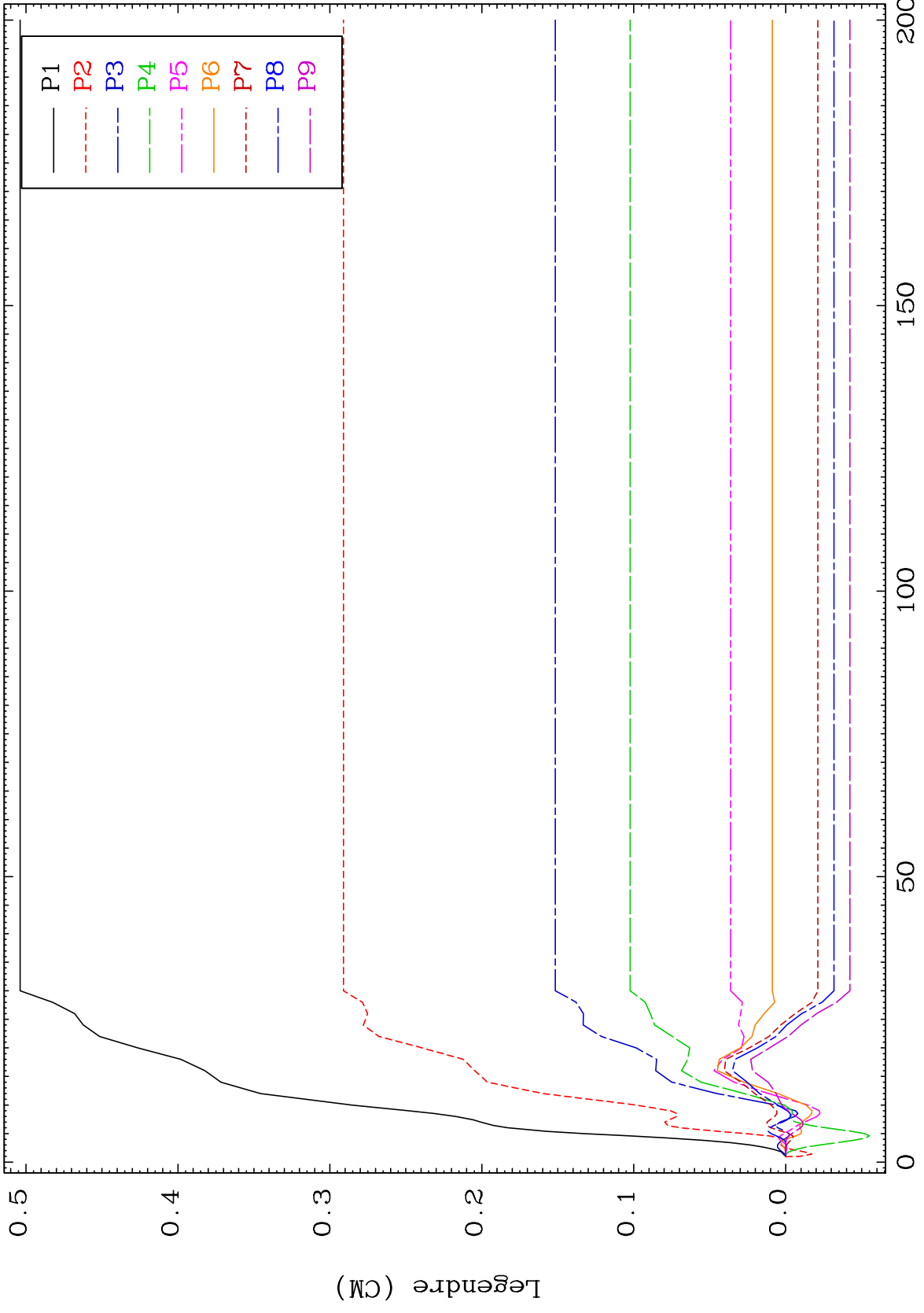
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



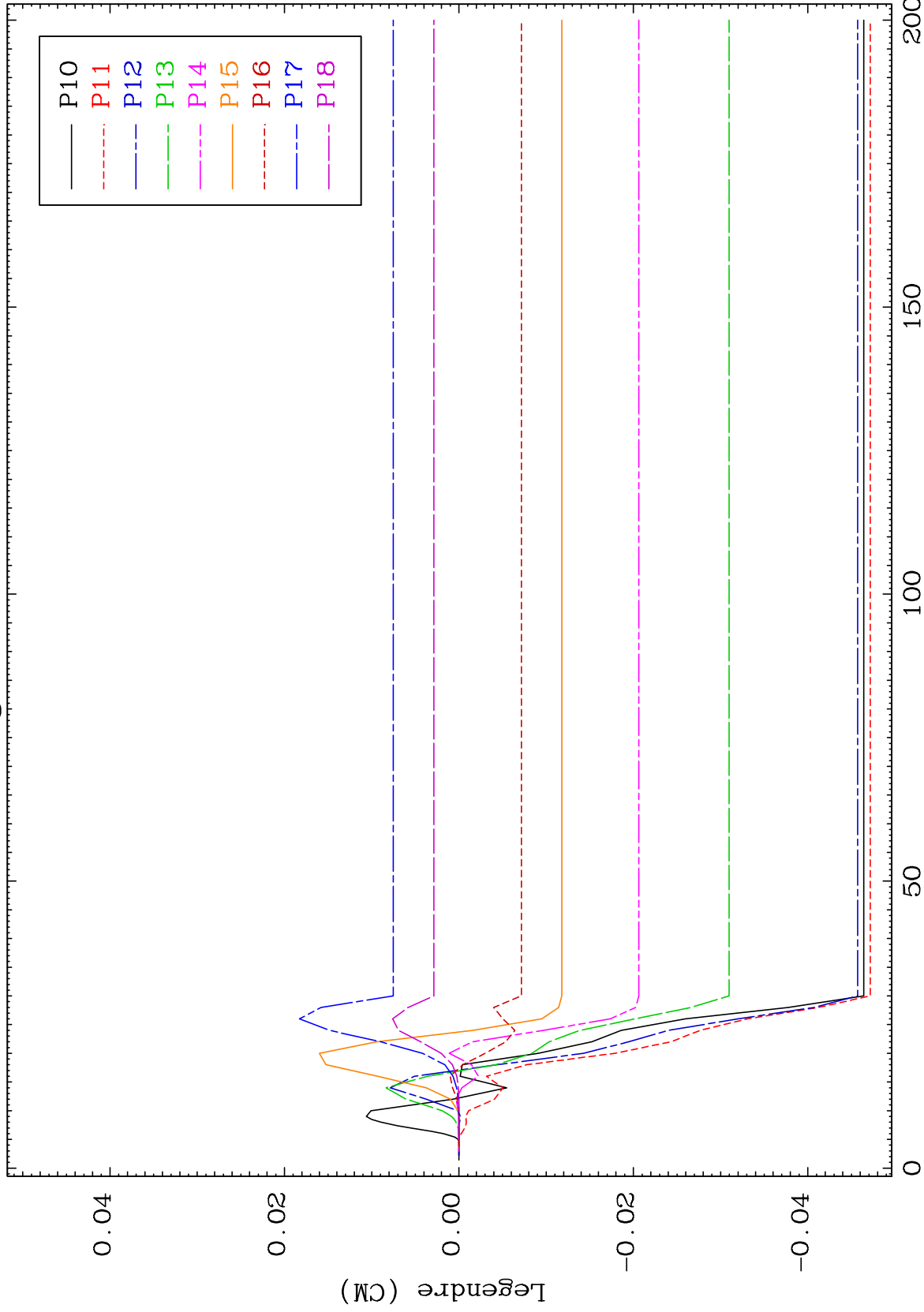
123

59-Pr-151

MAT 5955

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

59-Pr-151



124

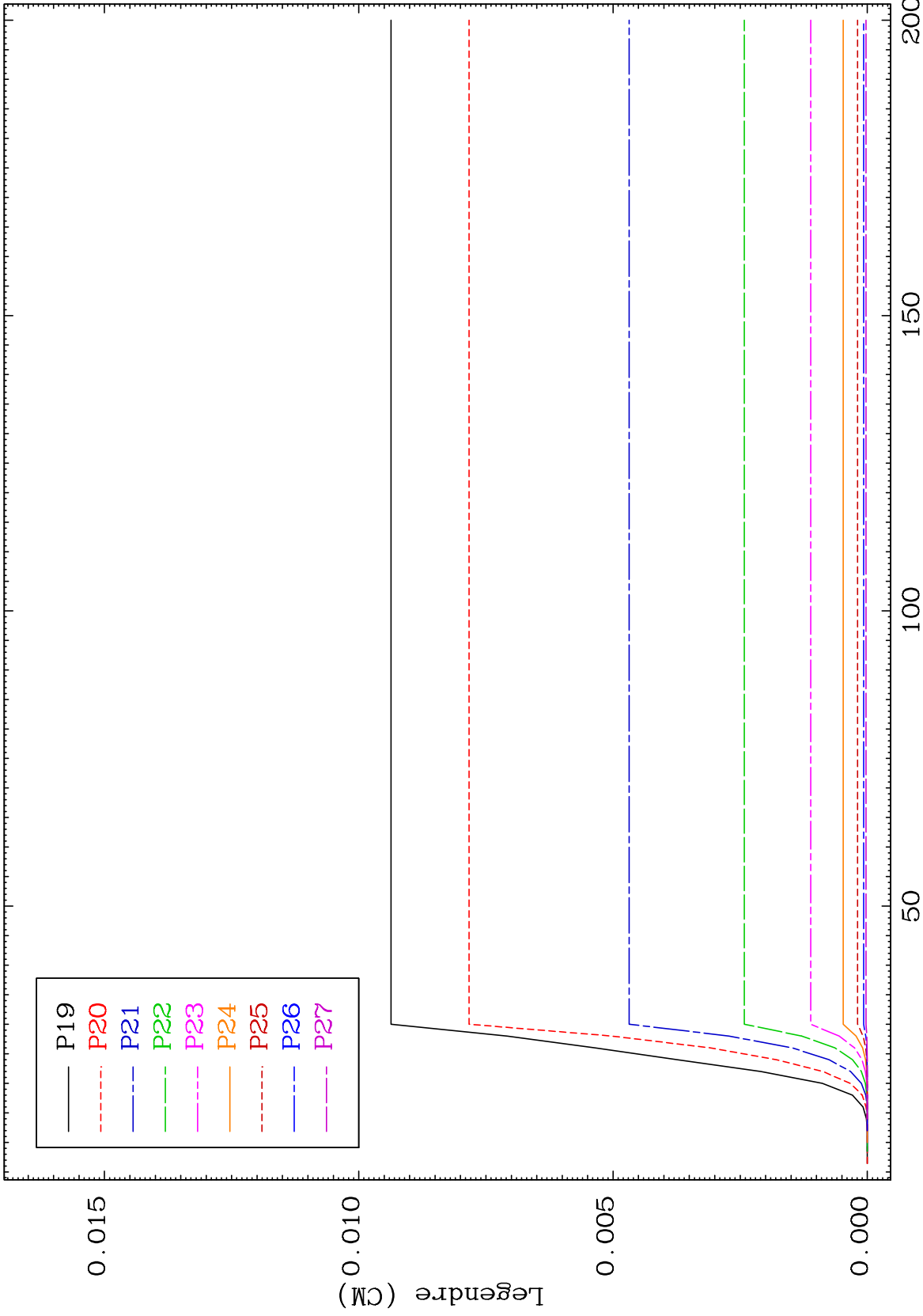
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



125

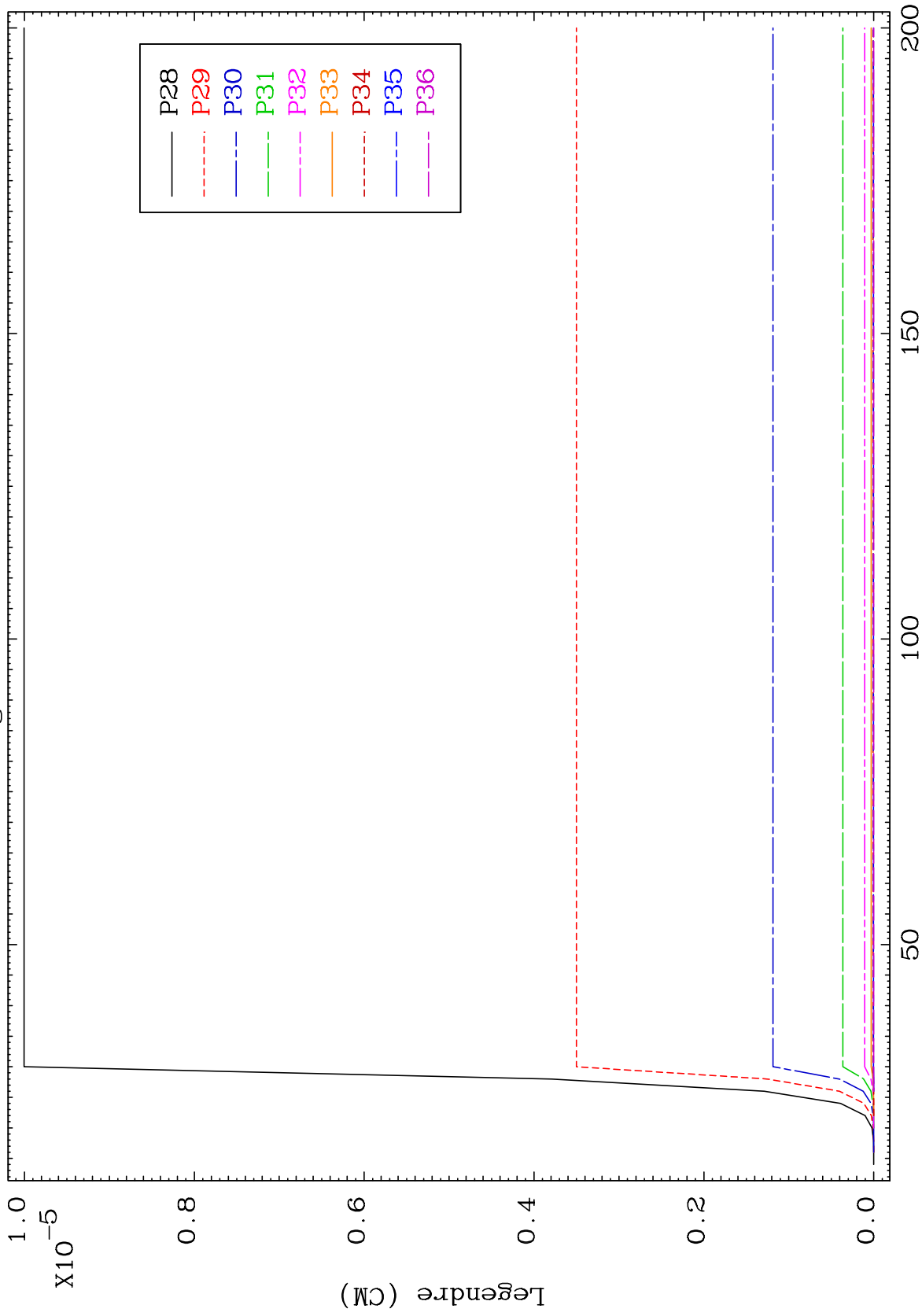
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



126

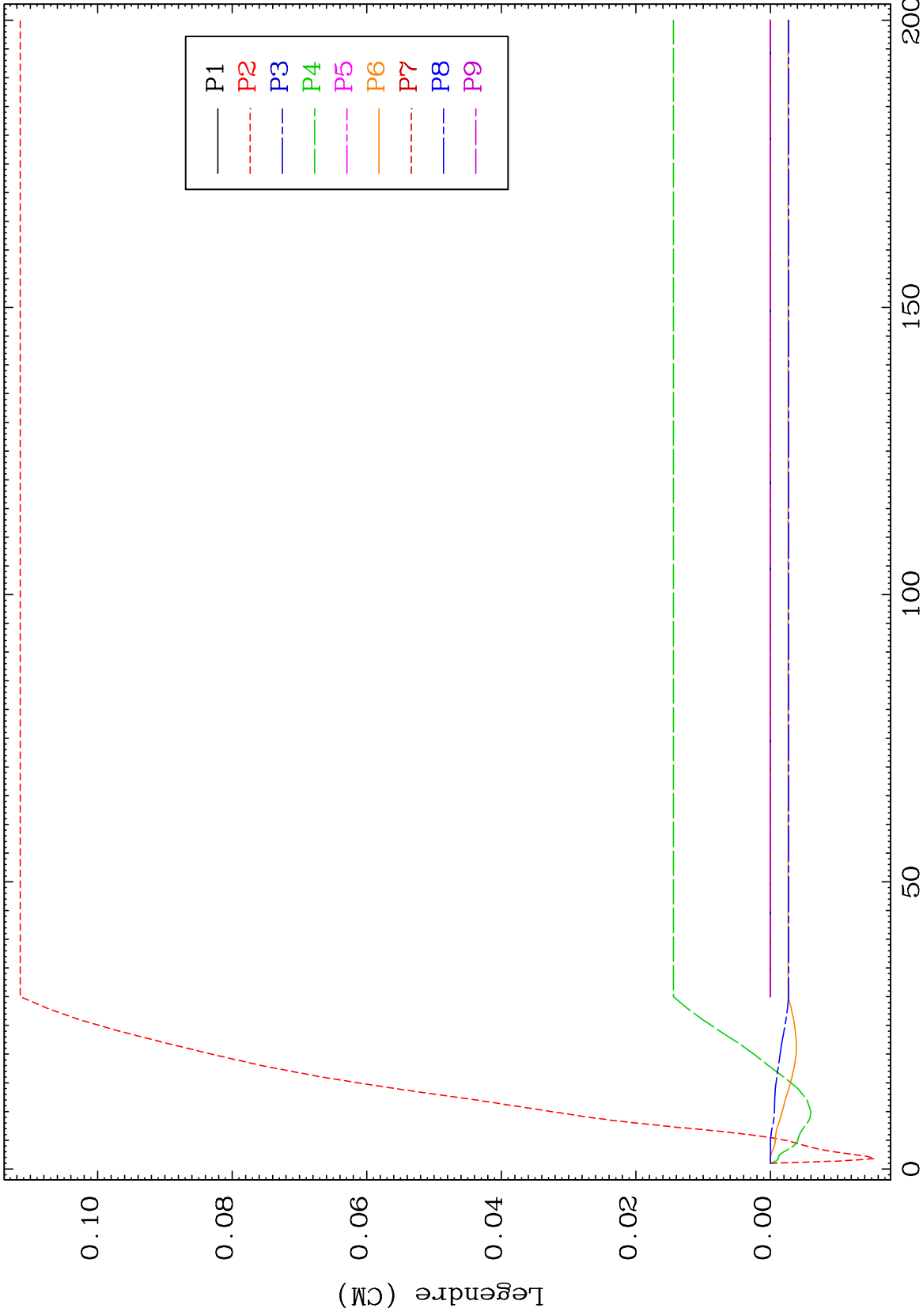
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



127

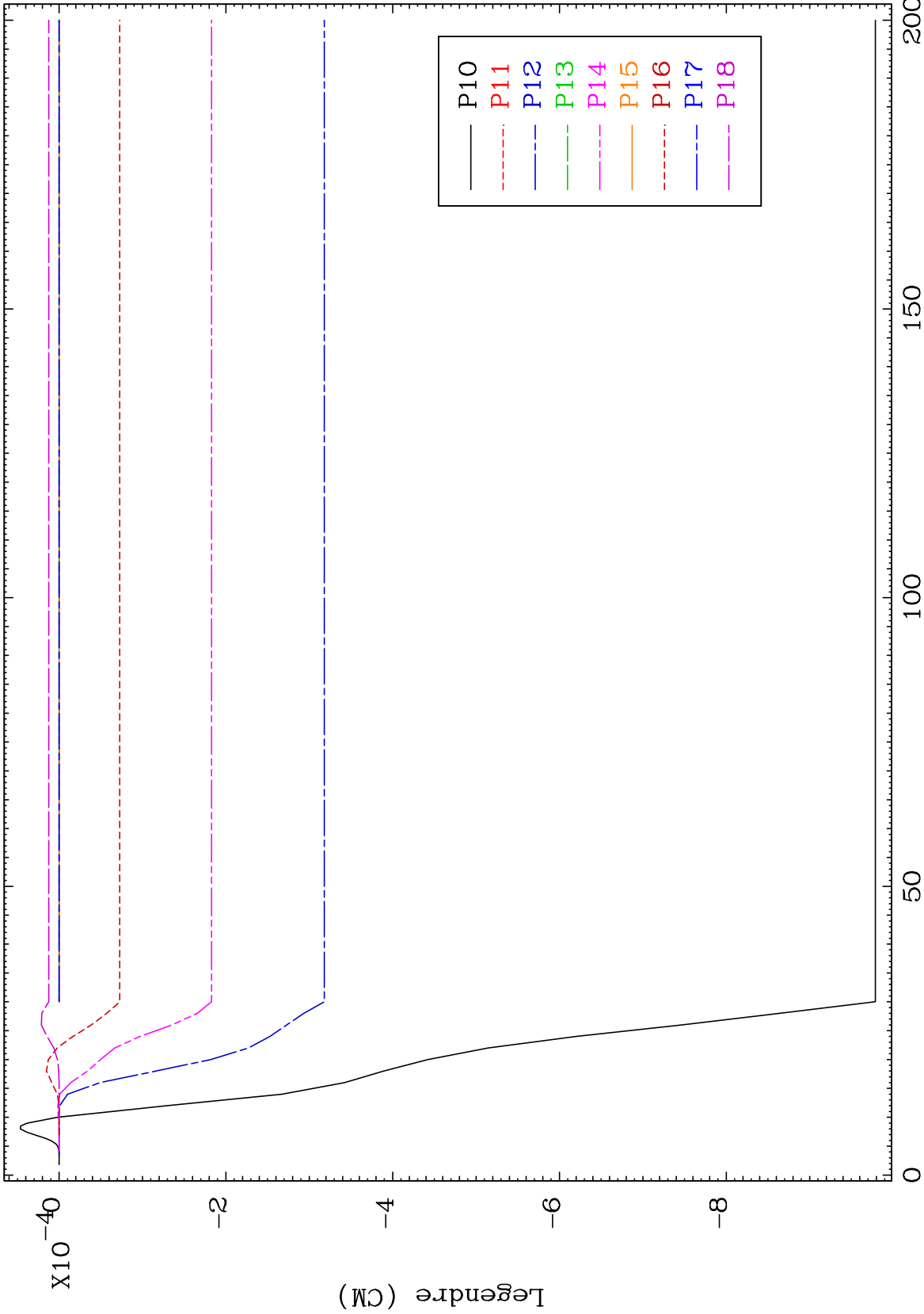
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



128

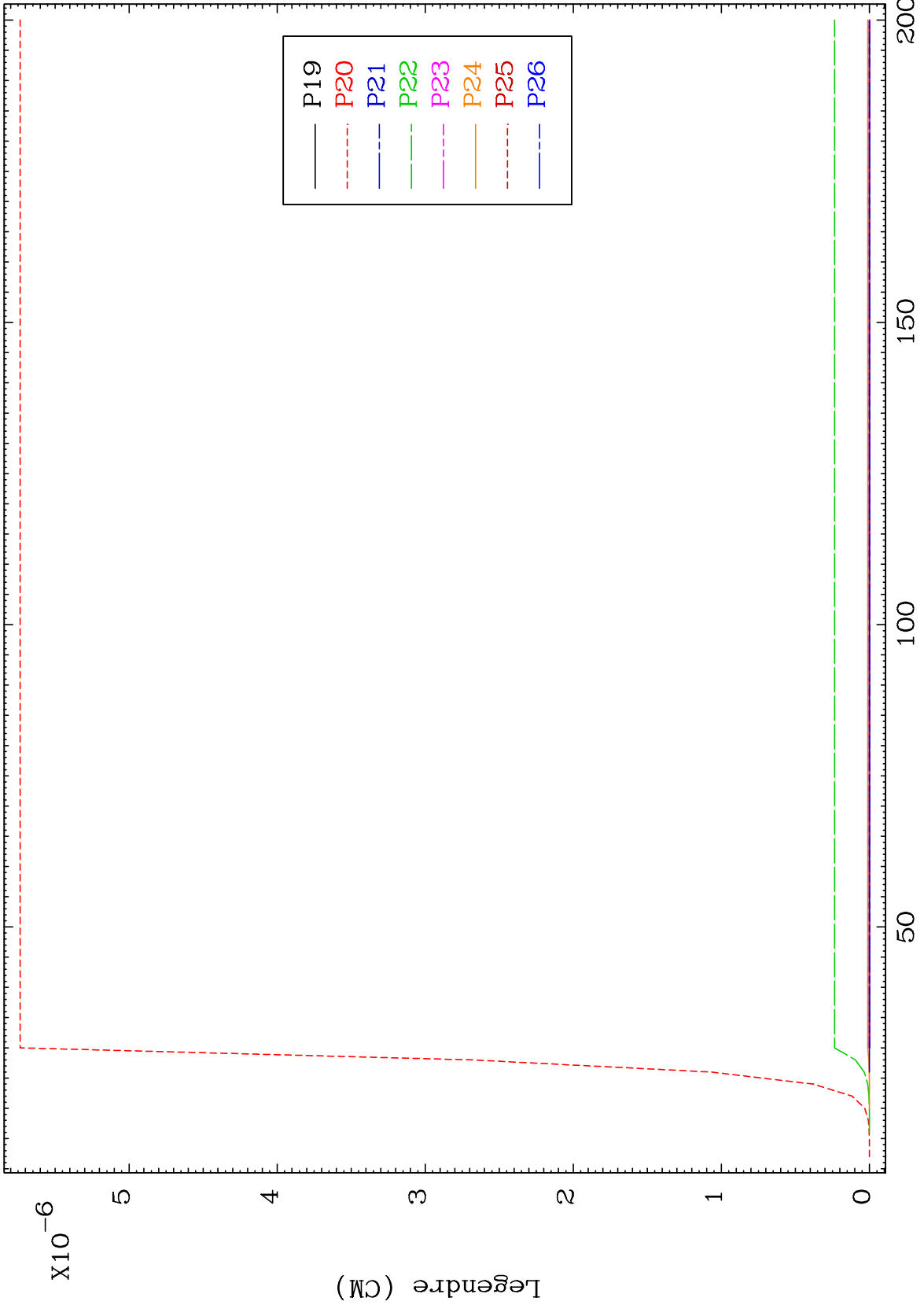
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



129

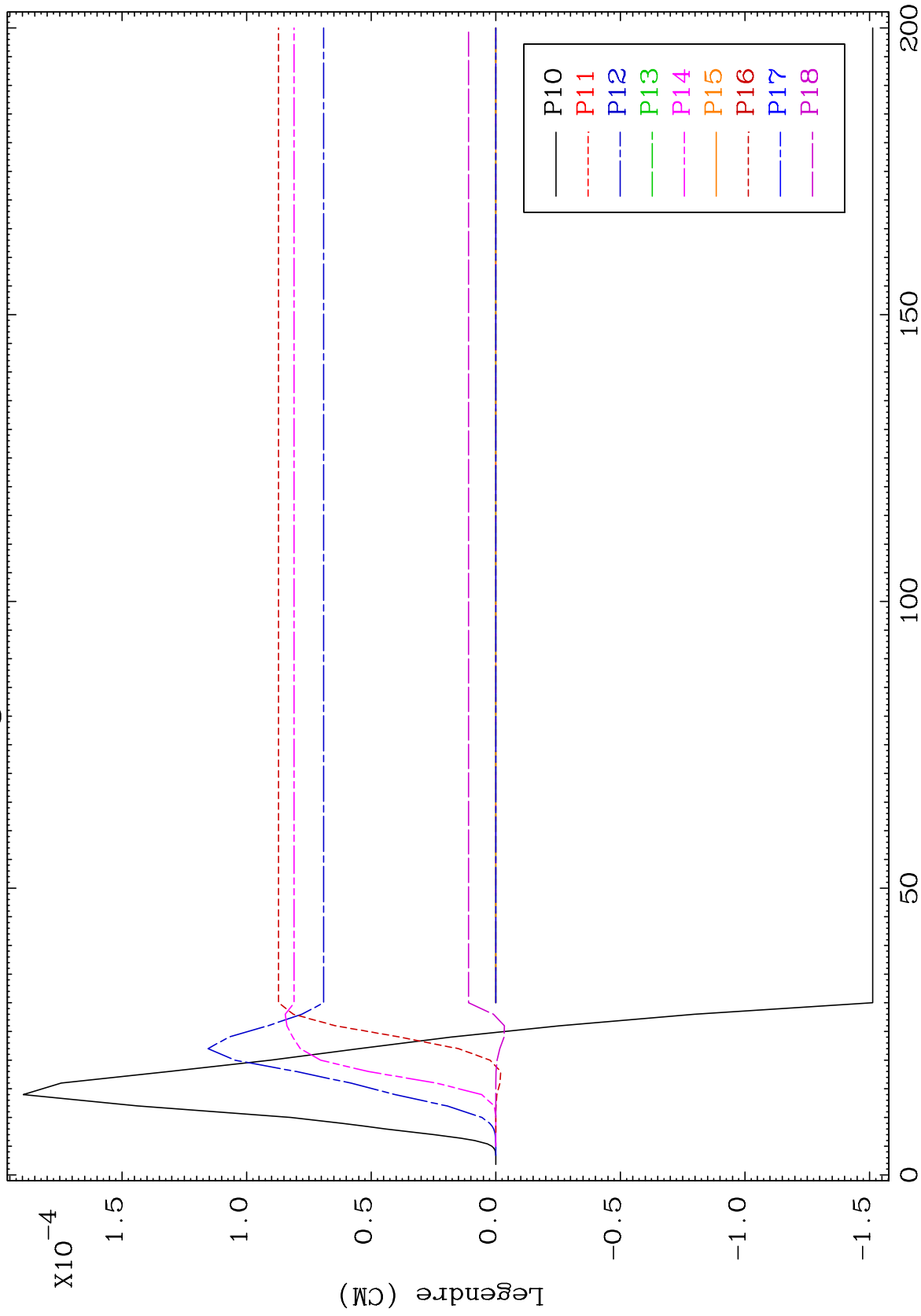
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



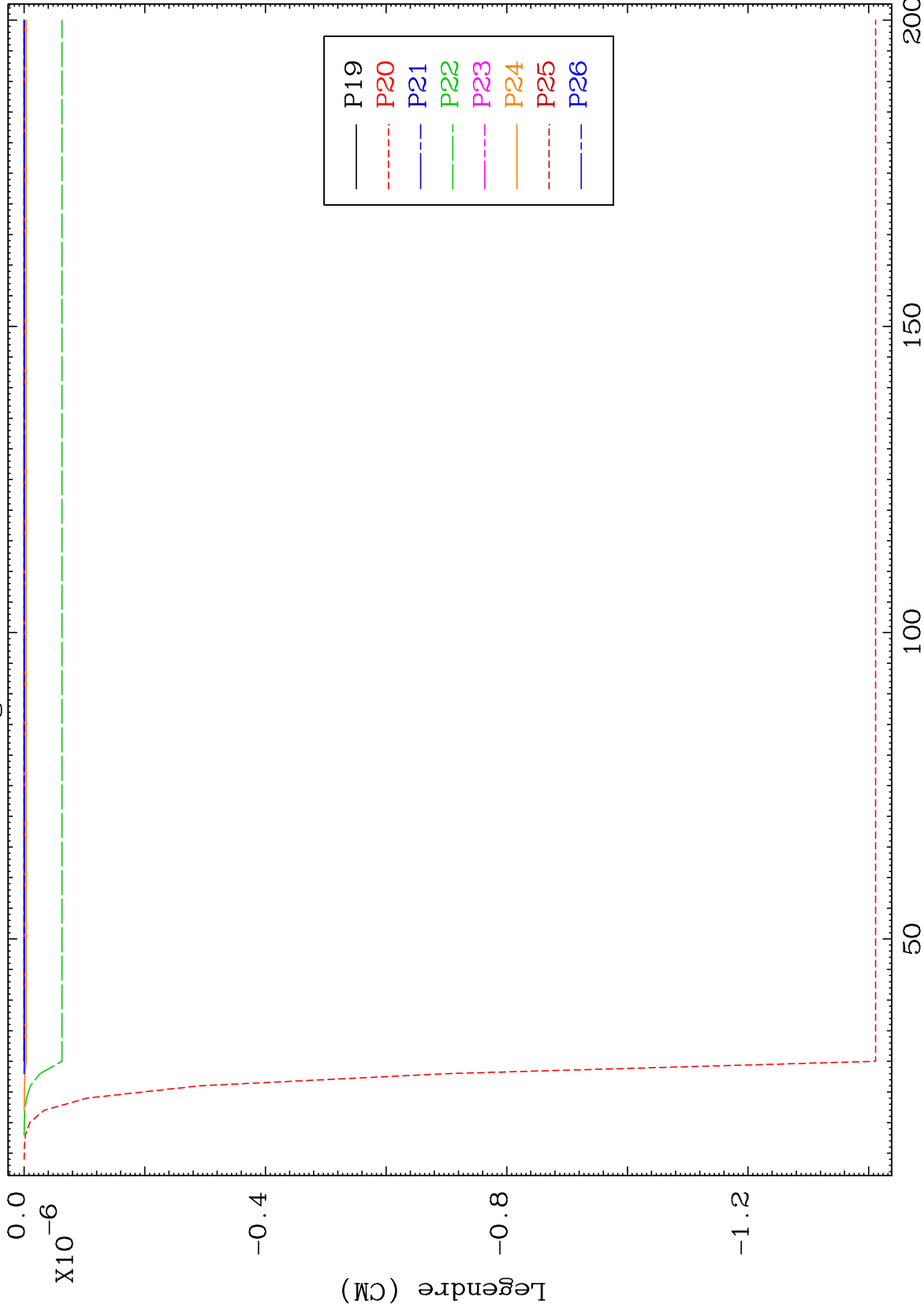
131

59-Pr-151

MAT 5955

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

59-Pr-151



132

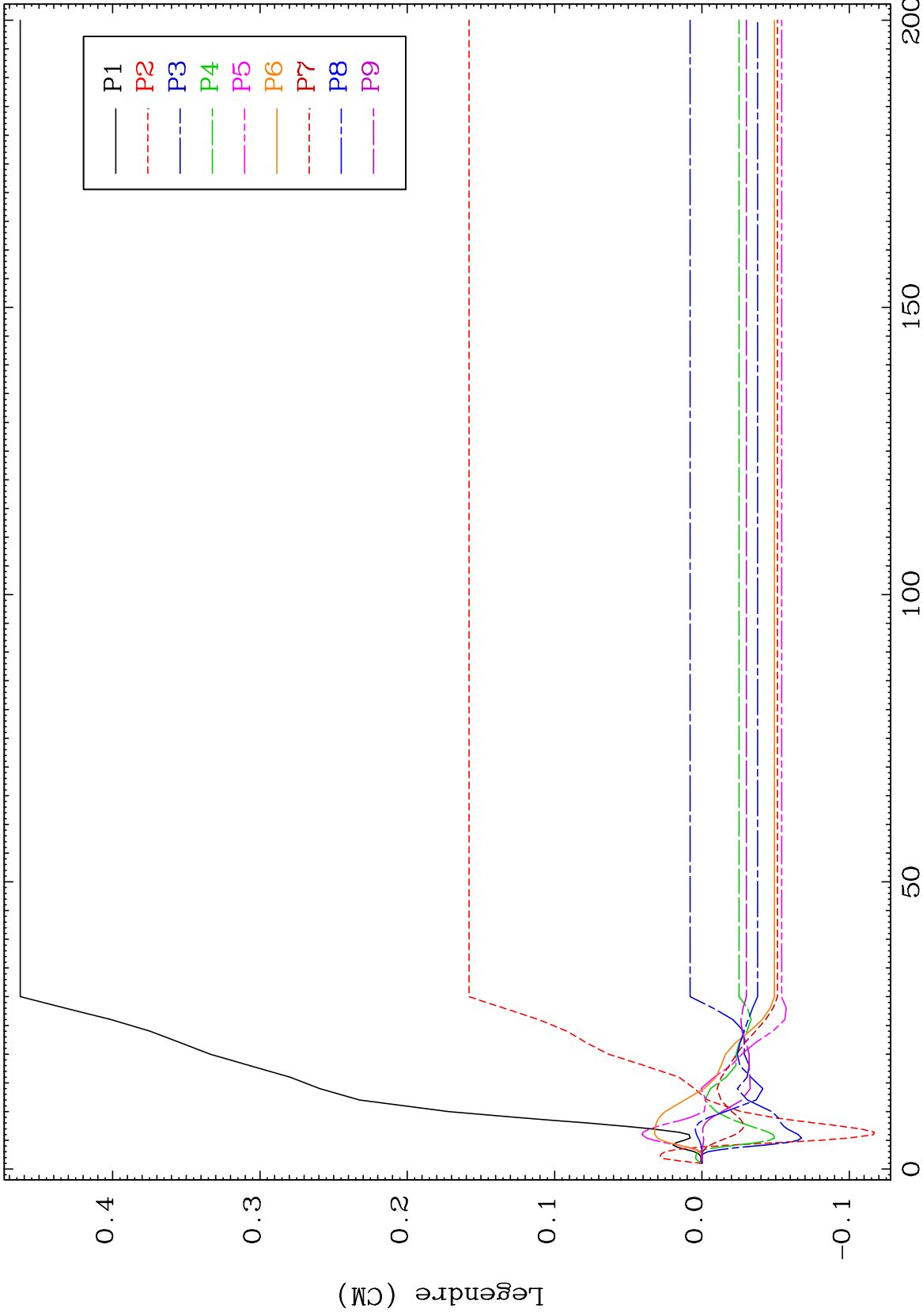
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



133

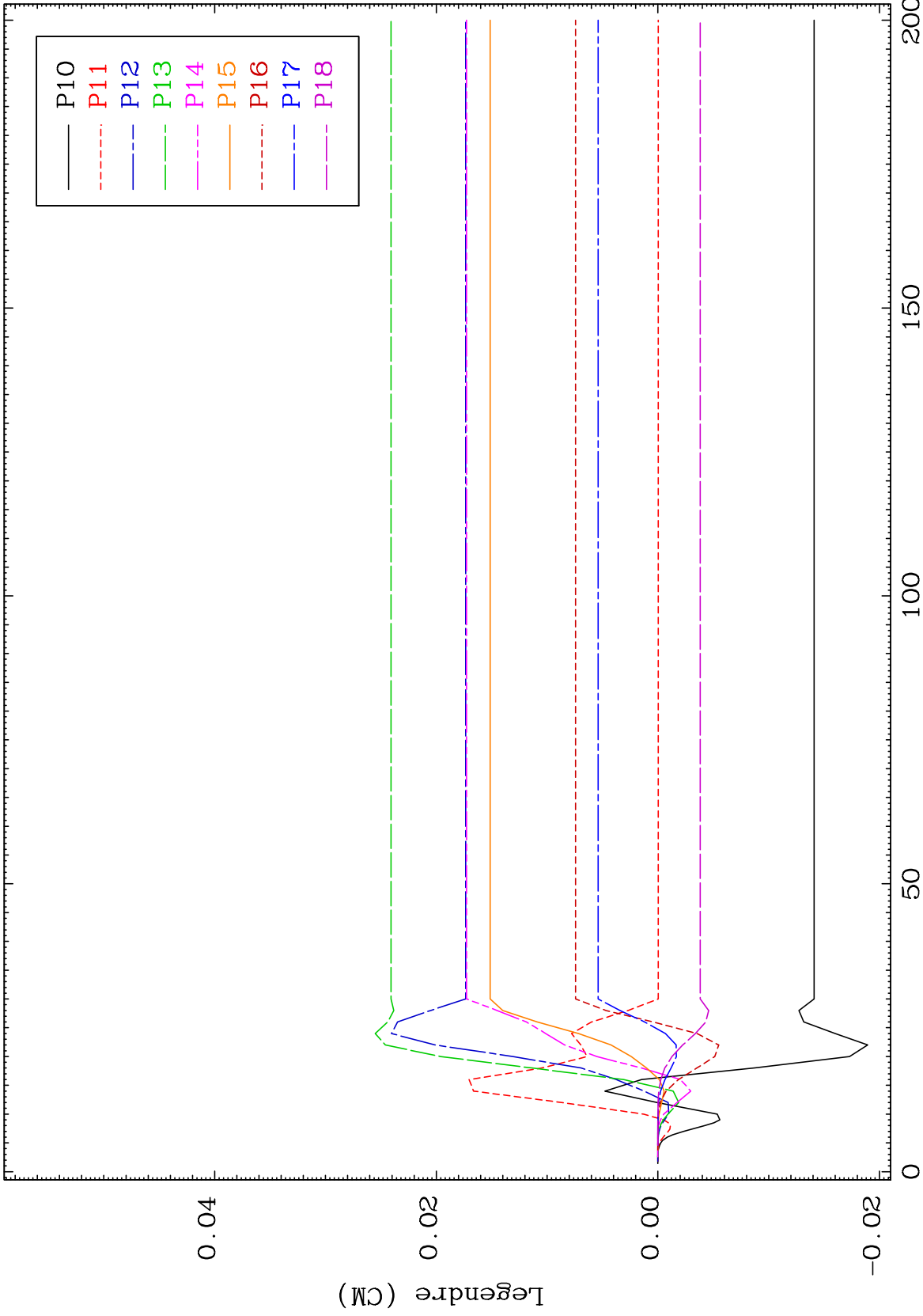
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151



134

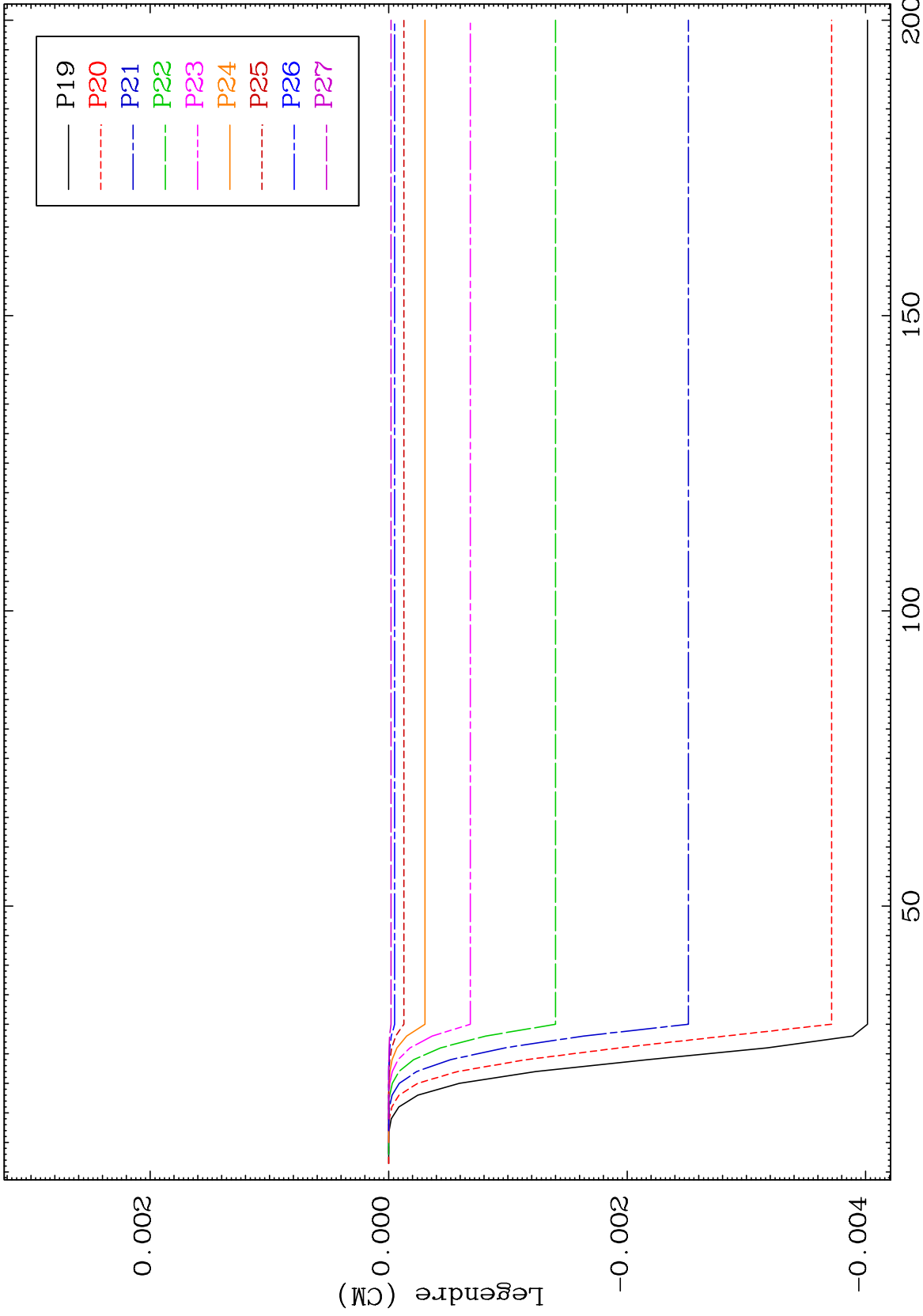
Incident Energy (MeV)

59-Pr-151

MAT 5955

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

59-Pr-151

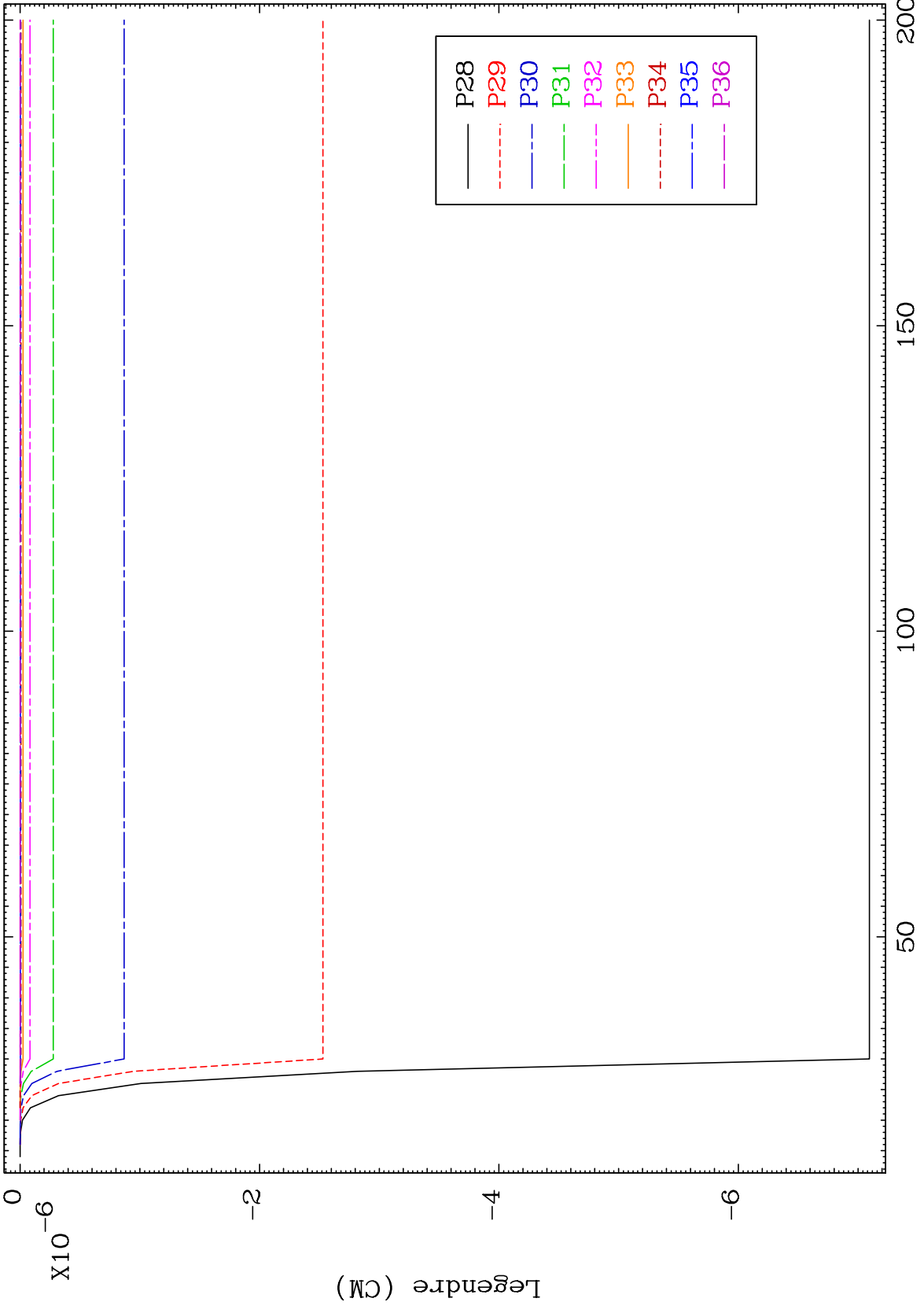


135

Incident Energy (MeV)

59-Pr-151

MAT 5955 MT= 80 (n,n') Level Legendre Coefficients 59-Pr-151



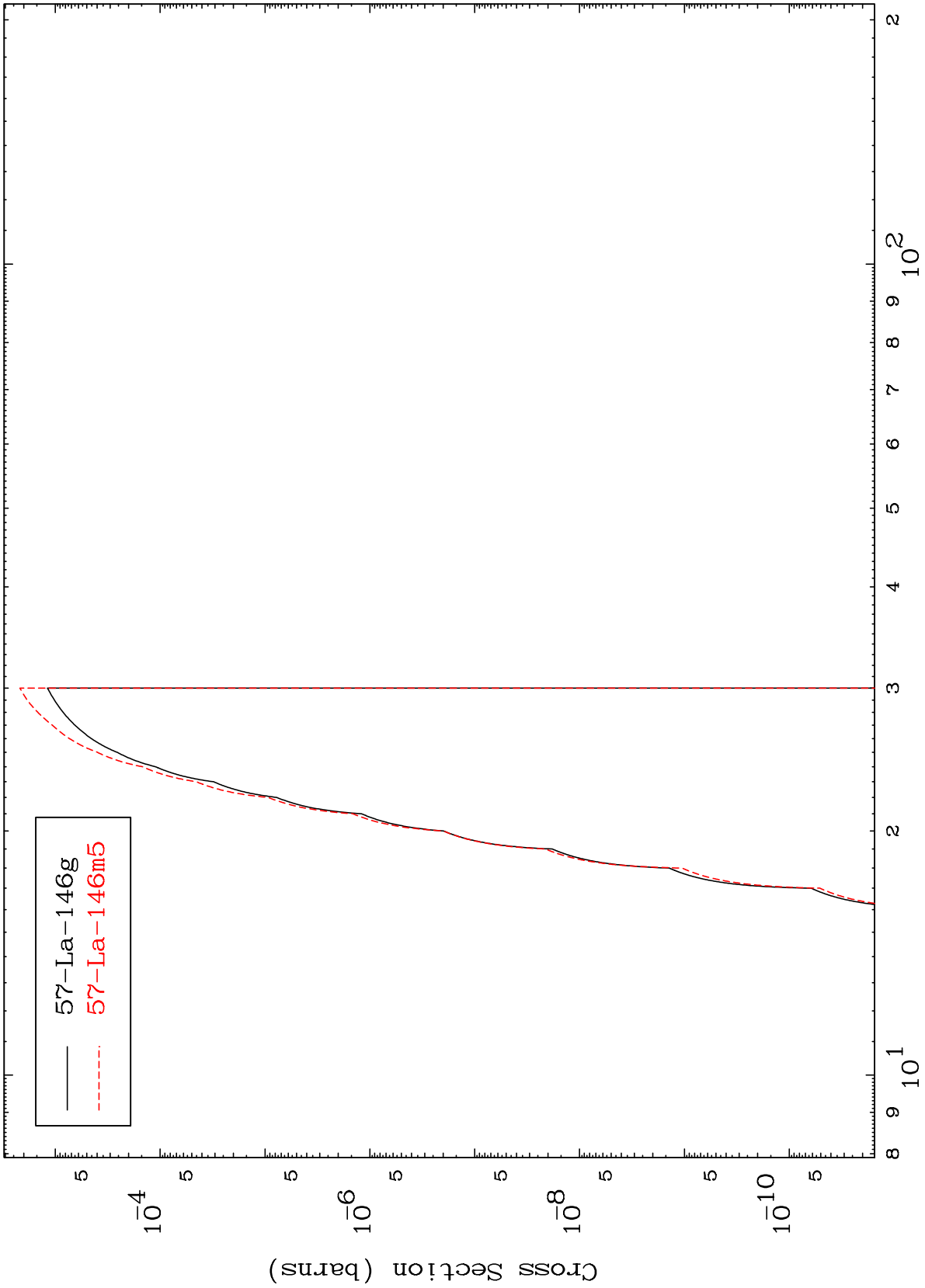
136 59-Pr-151

MAT 5955

(n,2n) α

59-Pr-151

Radionuclide Production Cross Section



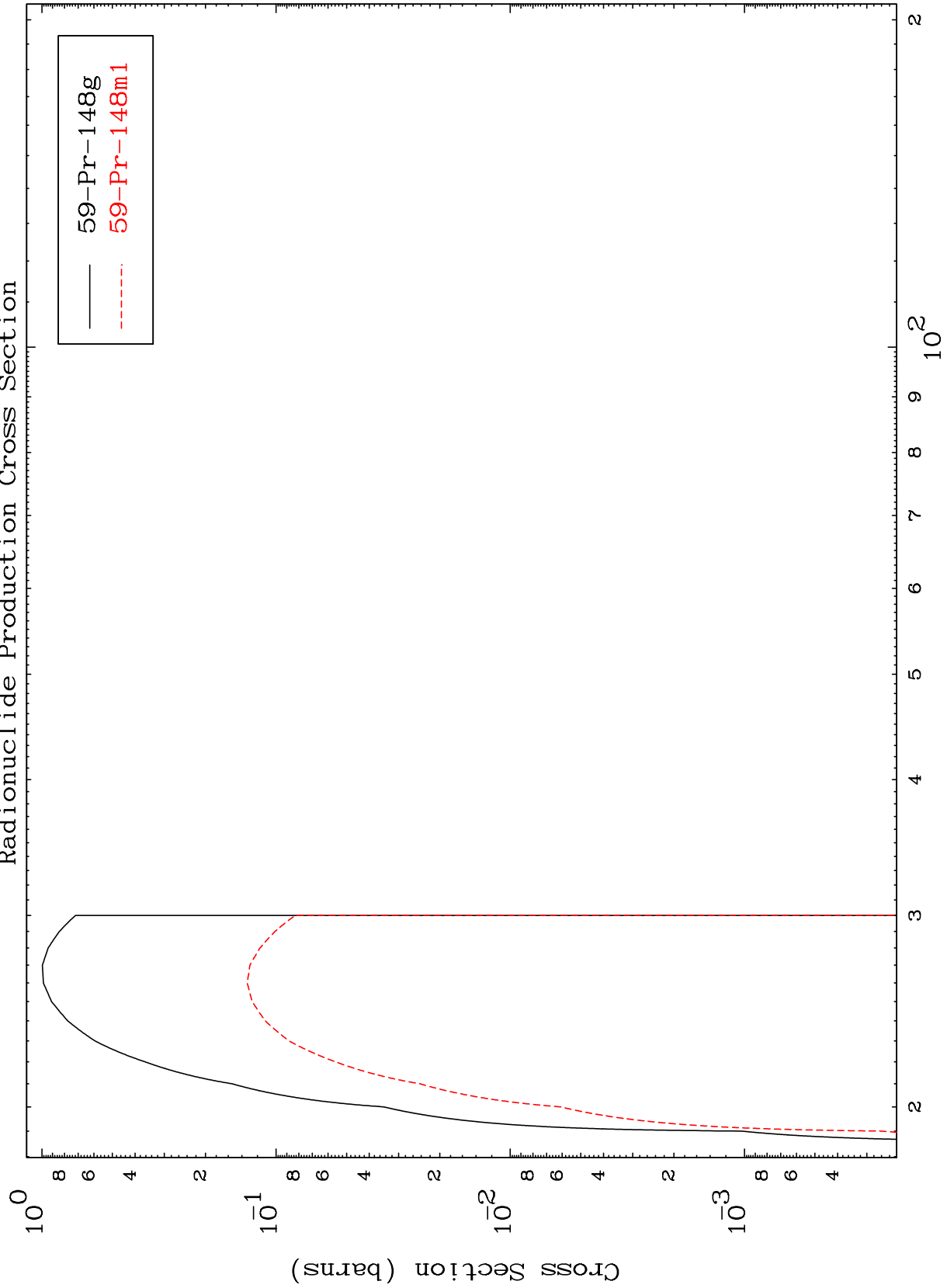
137

59-Pr-151

MAT 5955

59-Pr-151

(n,4n)
Radionuclide Production Cross Section



59-Pr-148g
59-Pr-148m1

138

59-Pr-151

Incident Energy (MeV)