

Program EVALPLOT
(Version 2018-1)

by

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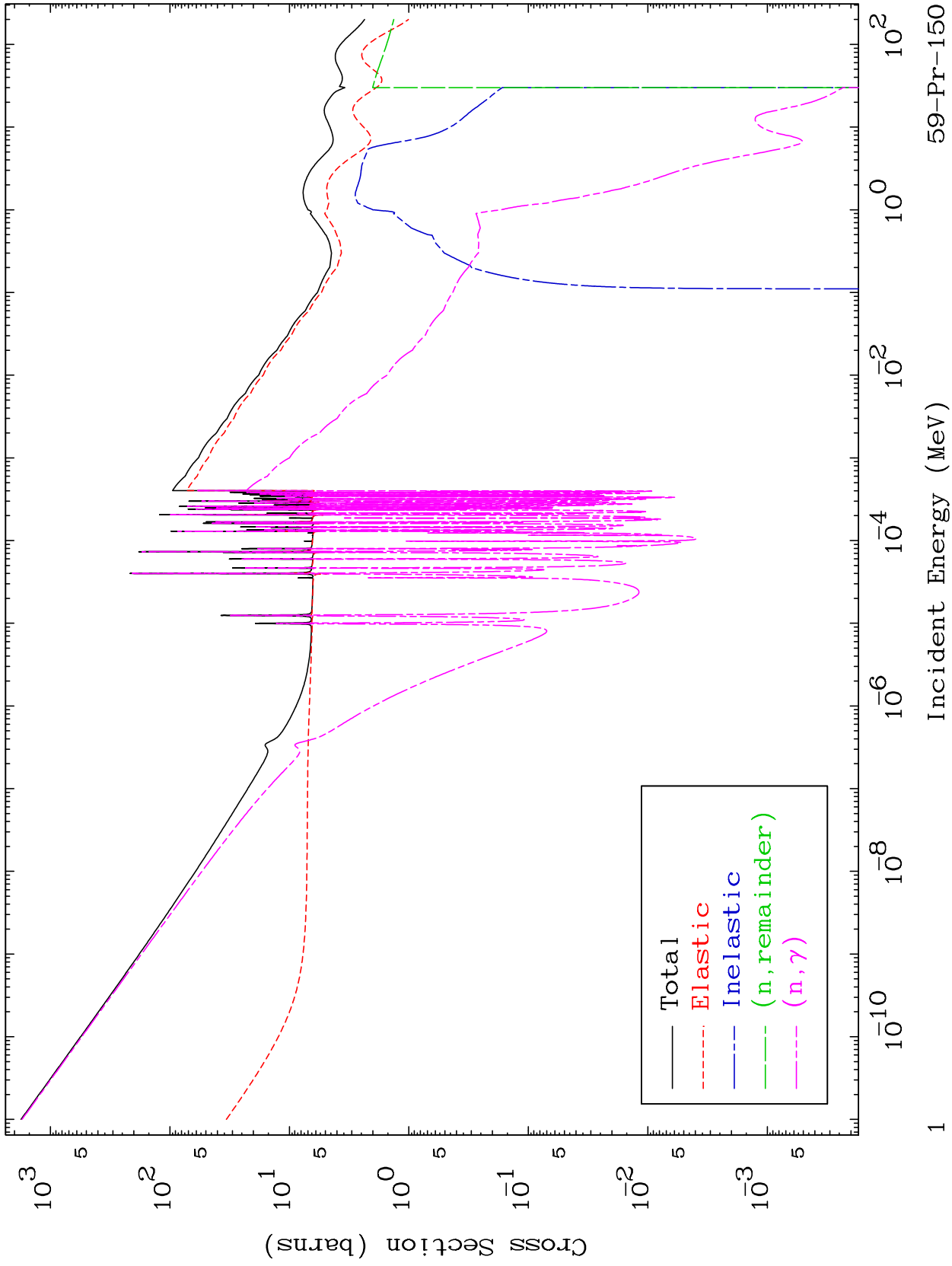
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5952

Major
293 Kelvin Cross Sections

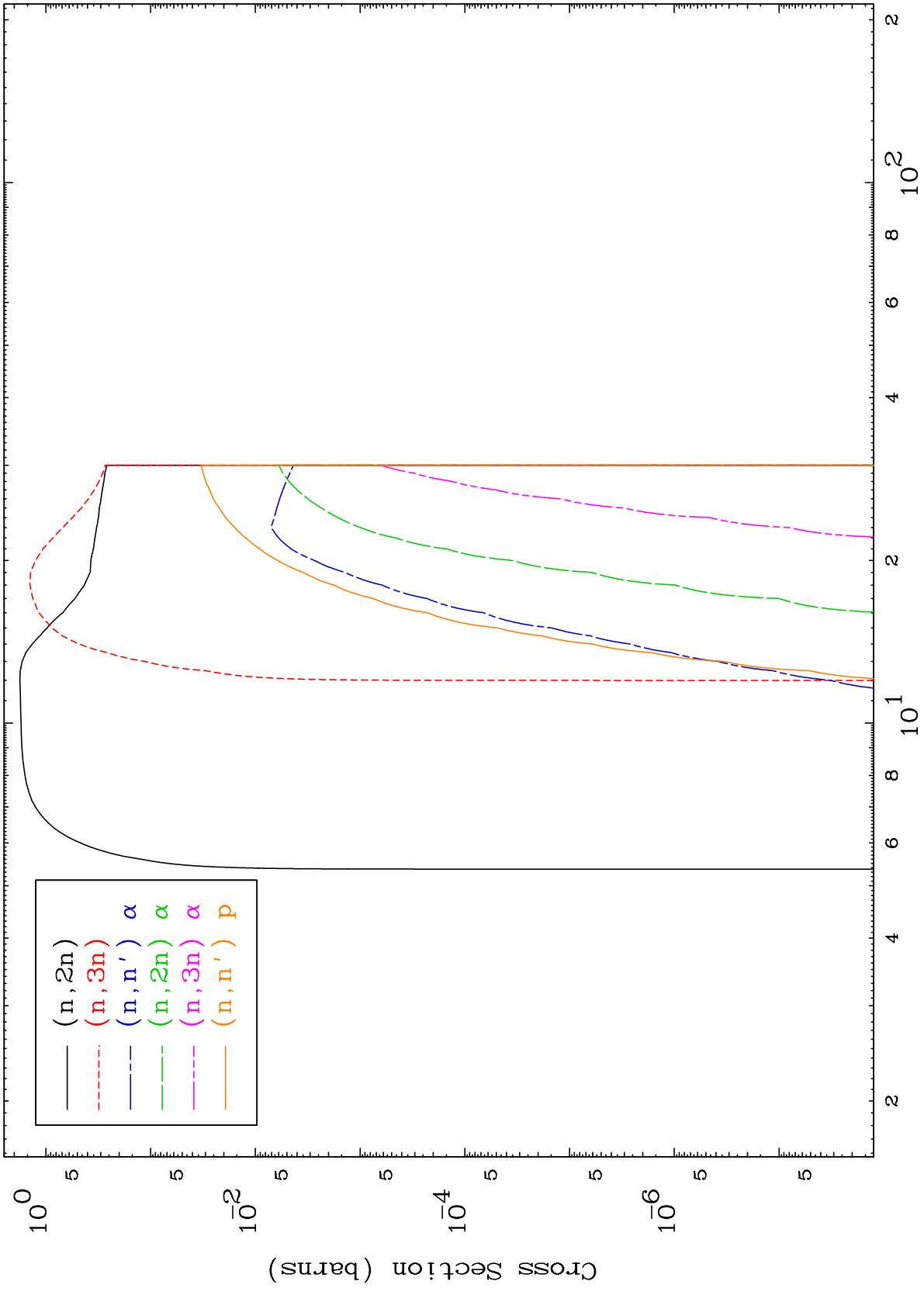
59-Pr-150



MAT 5952

Neutron Production 293 Kelvin Cross Sections

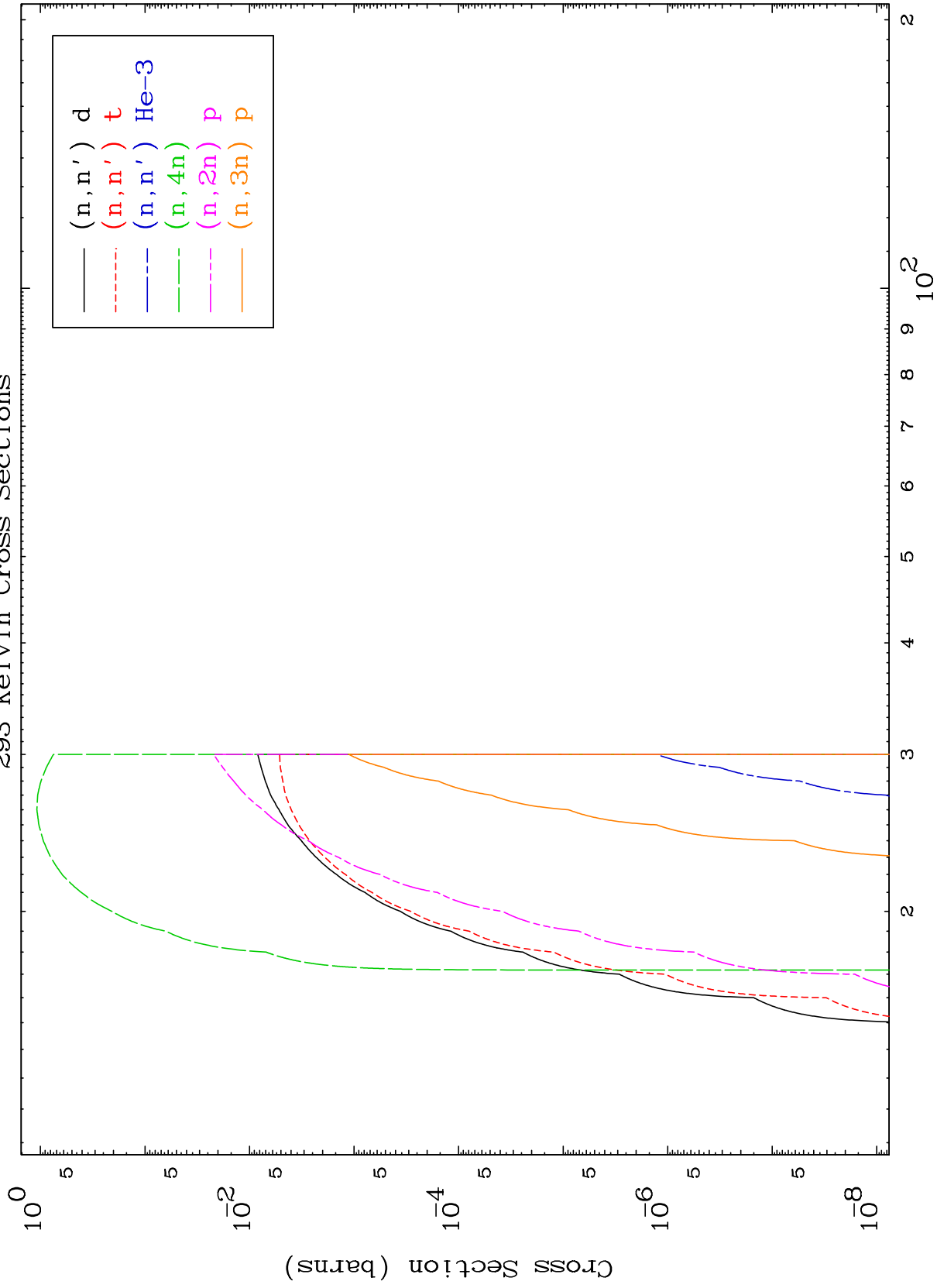
59-Pr-150

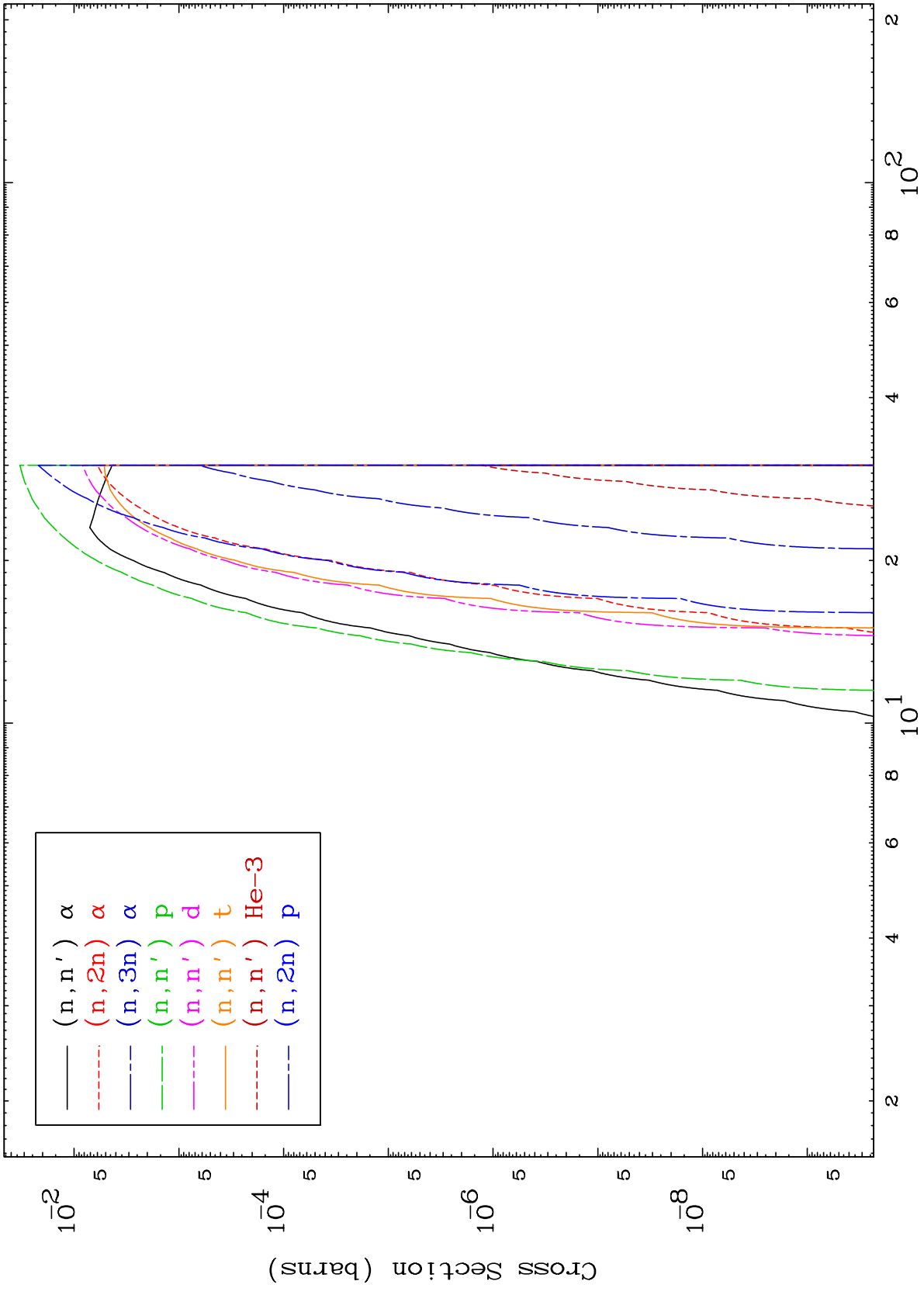


2

Incident Energy (MeV)

59-Pr-150

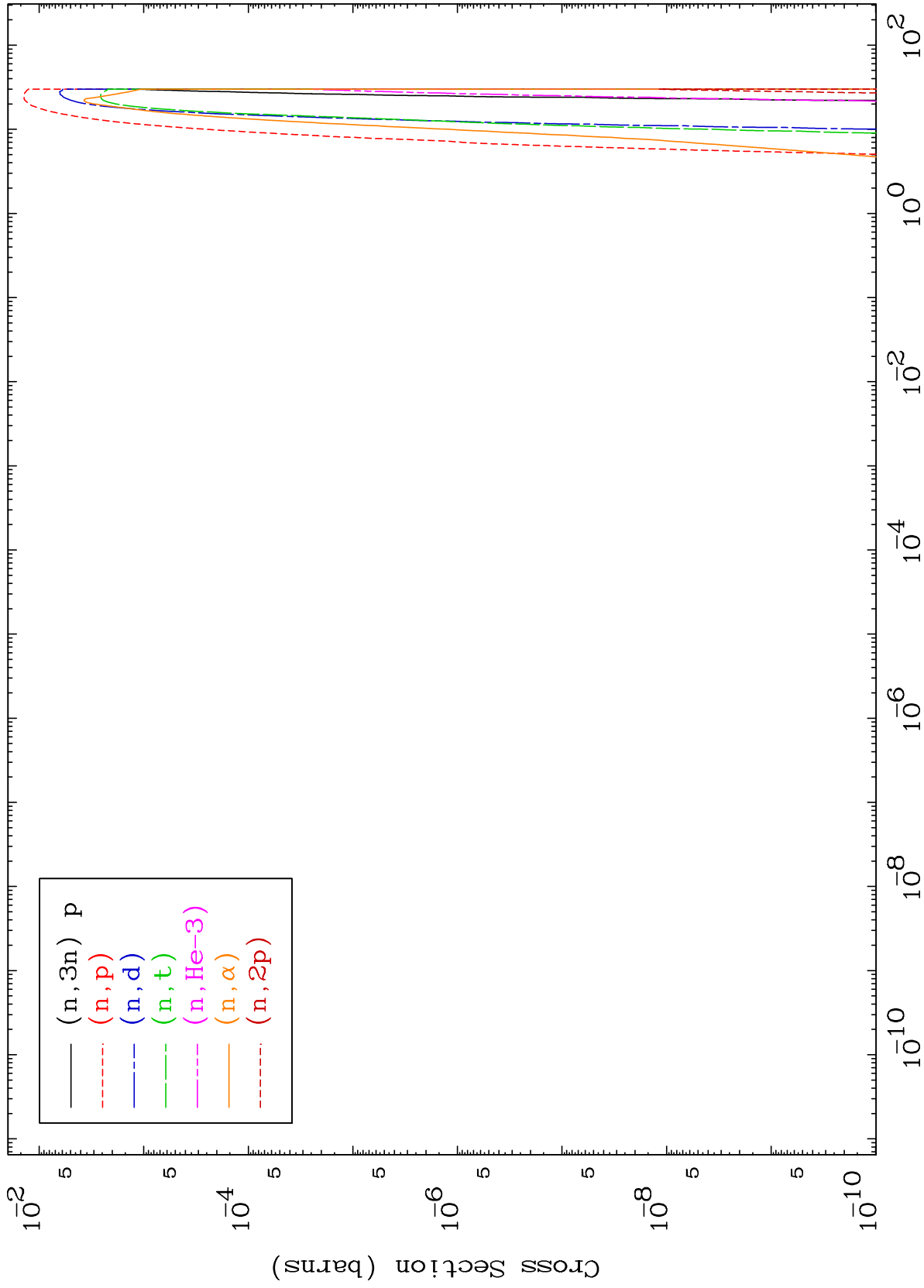




MAT 5952

Charged Particle
293 Kelvin Cross Sections

59-Pr-150



5

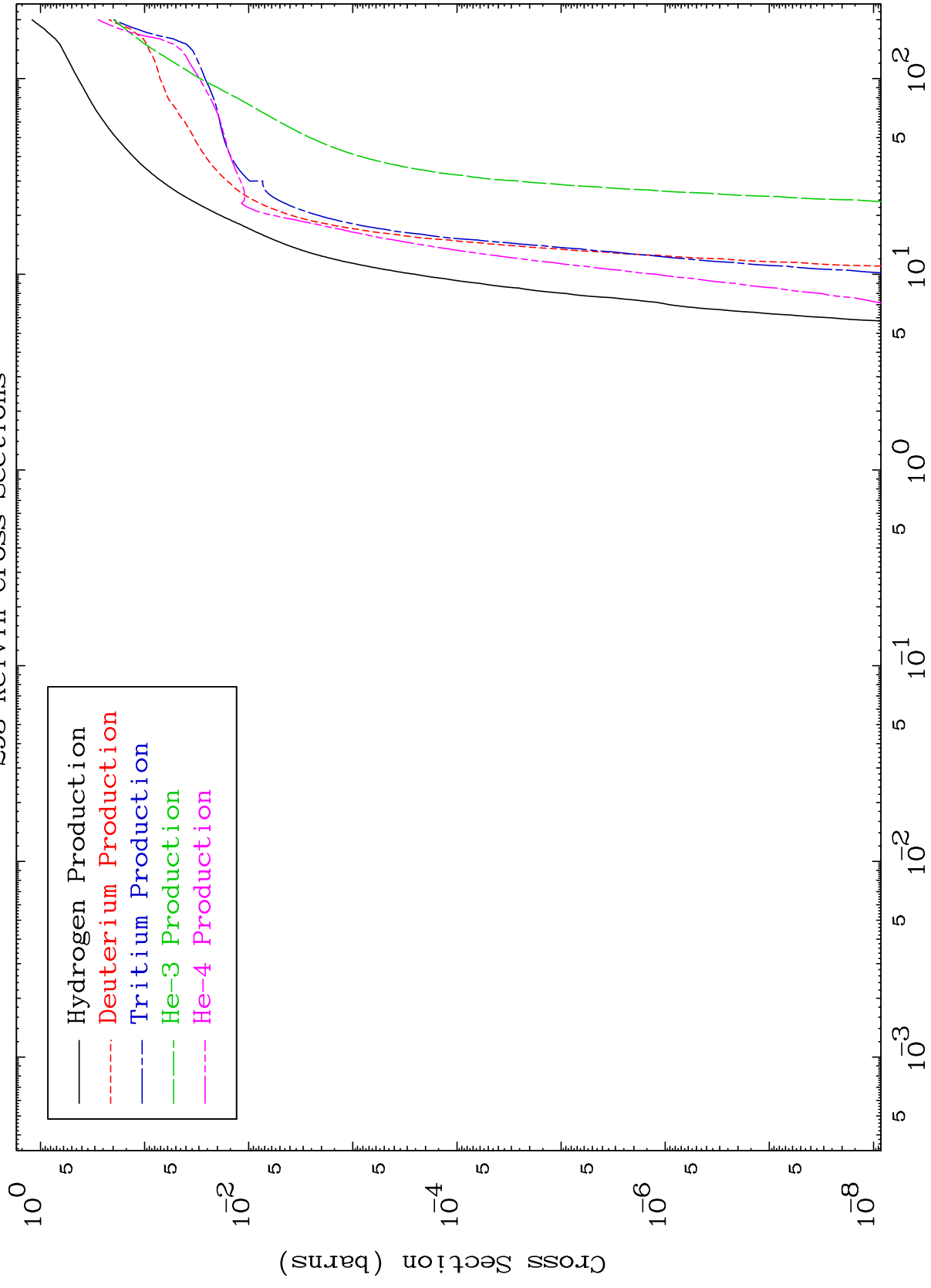
Incident Energy (MeV)

59-Pr-150

MAT 5952

Particle Production
293 Kelvin Cross Sections

59-Pr-150



6

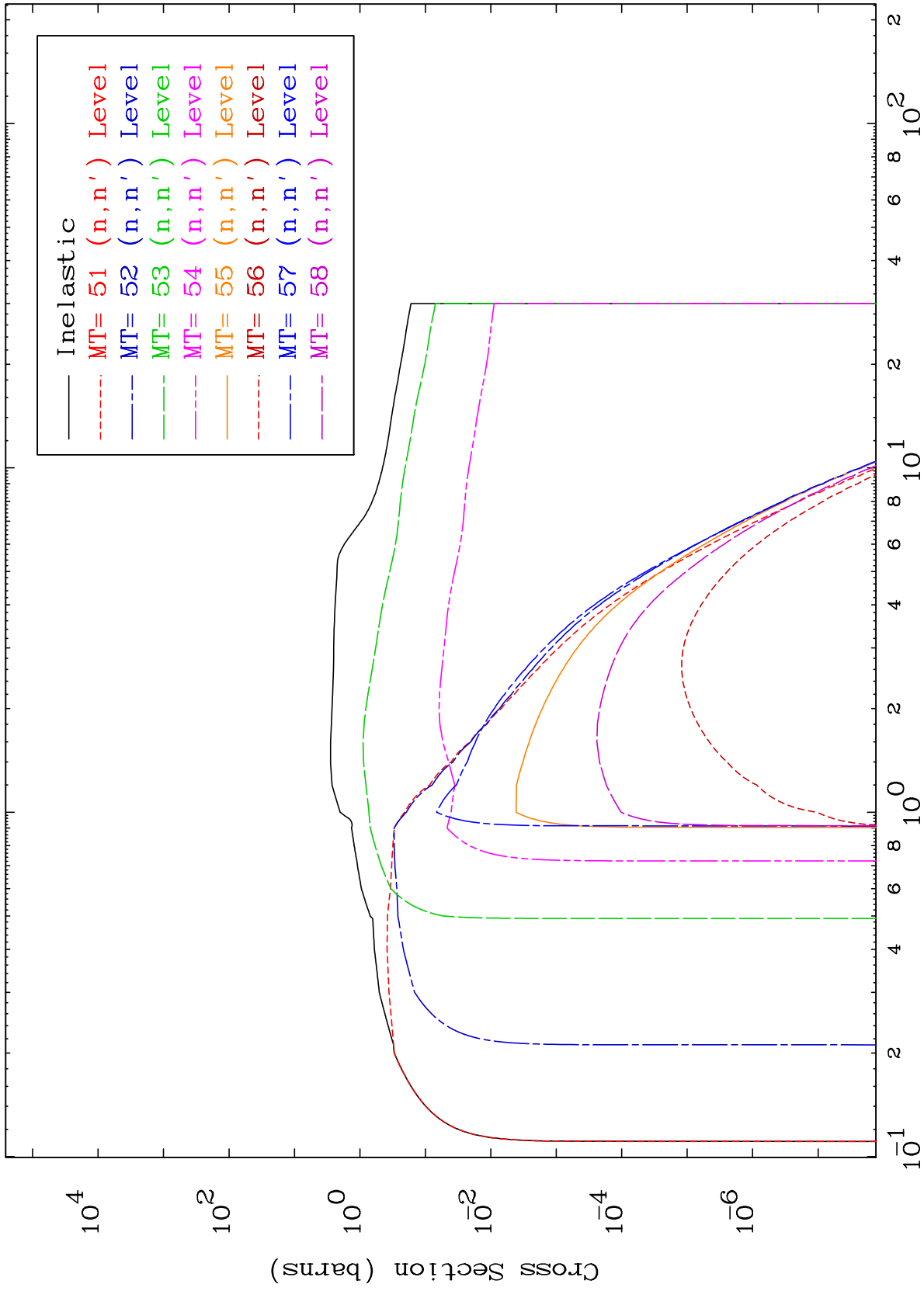
Incident Energy (MeV)

59-Pr-150

MAT 5952

(n,n') Level
293 Kelvin Cross Sections

59-Pr-150



7

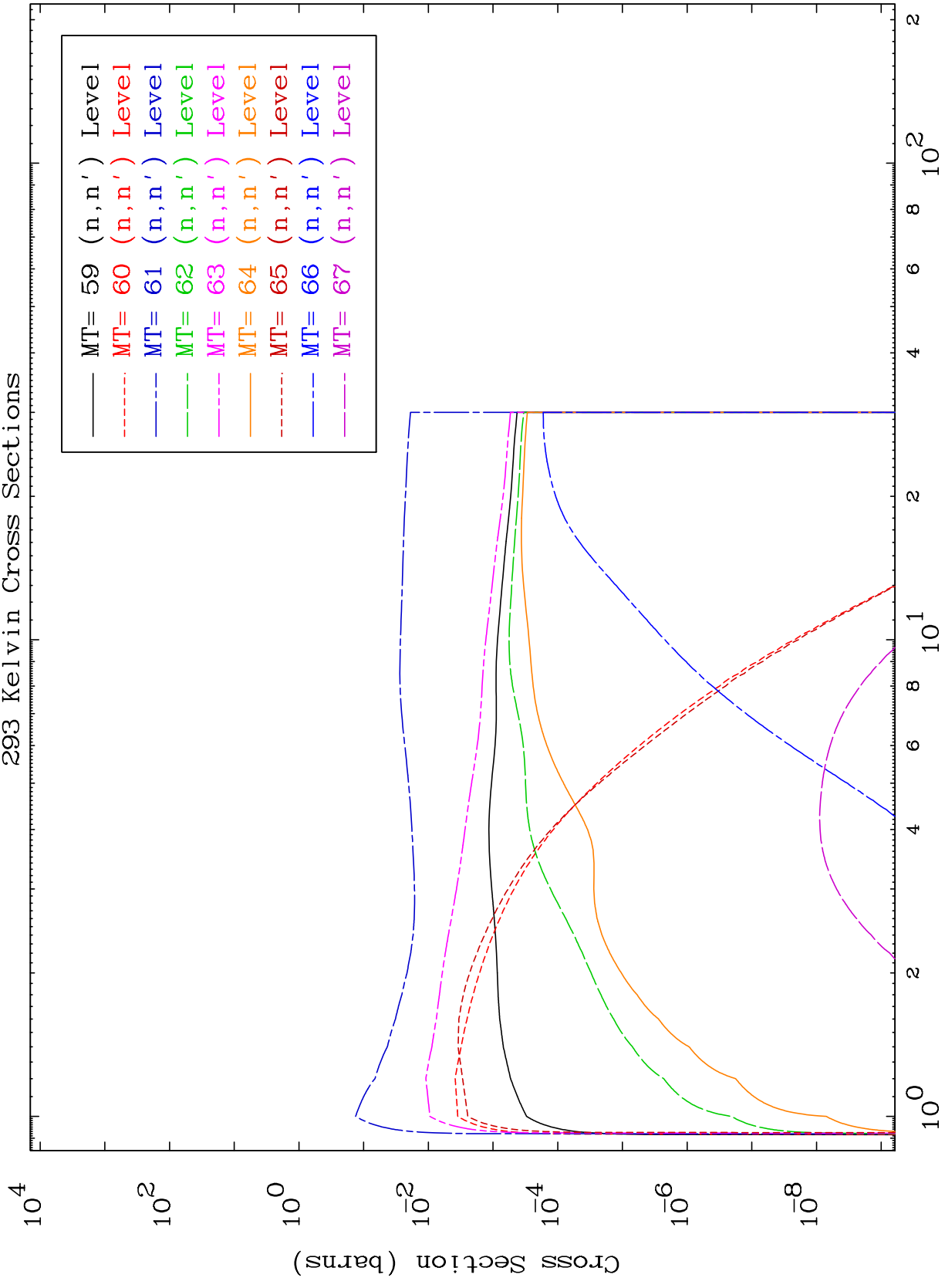
Incident Energy (MeV)

59-Pr-150

MAT 5952

(n,n') Level
293 Kelvin Cross Sections

59-Pr-150



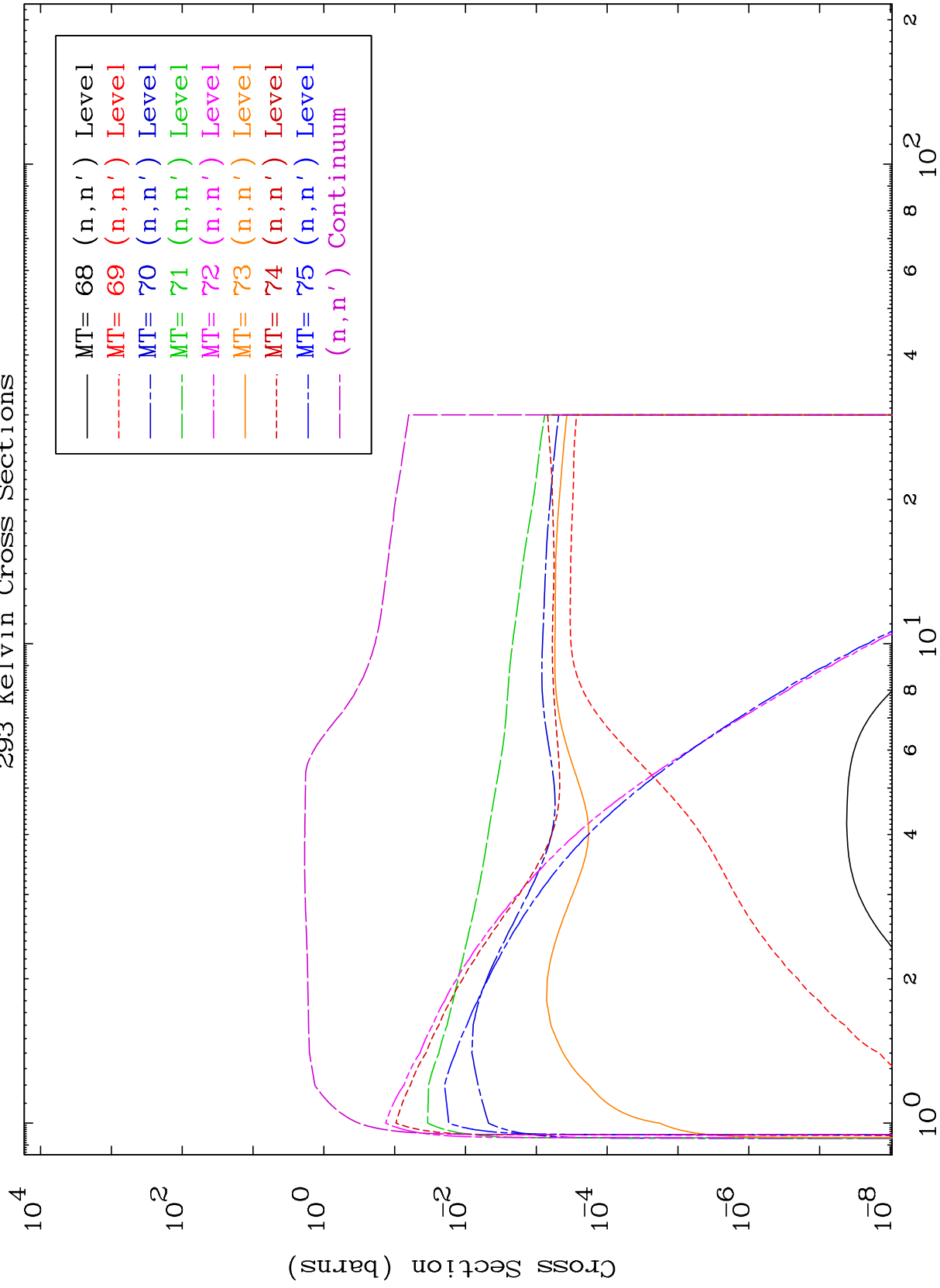
Incident Energy (MeV)

59-Pr-150

MAT 5952

(n,n') Level
293 Kelvin Cross Sections

59-Pr-150



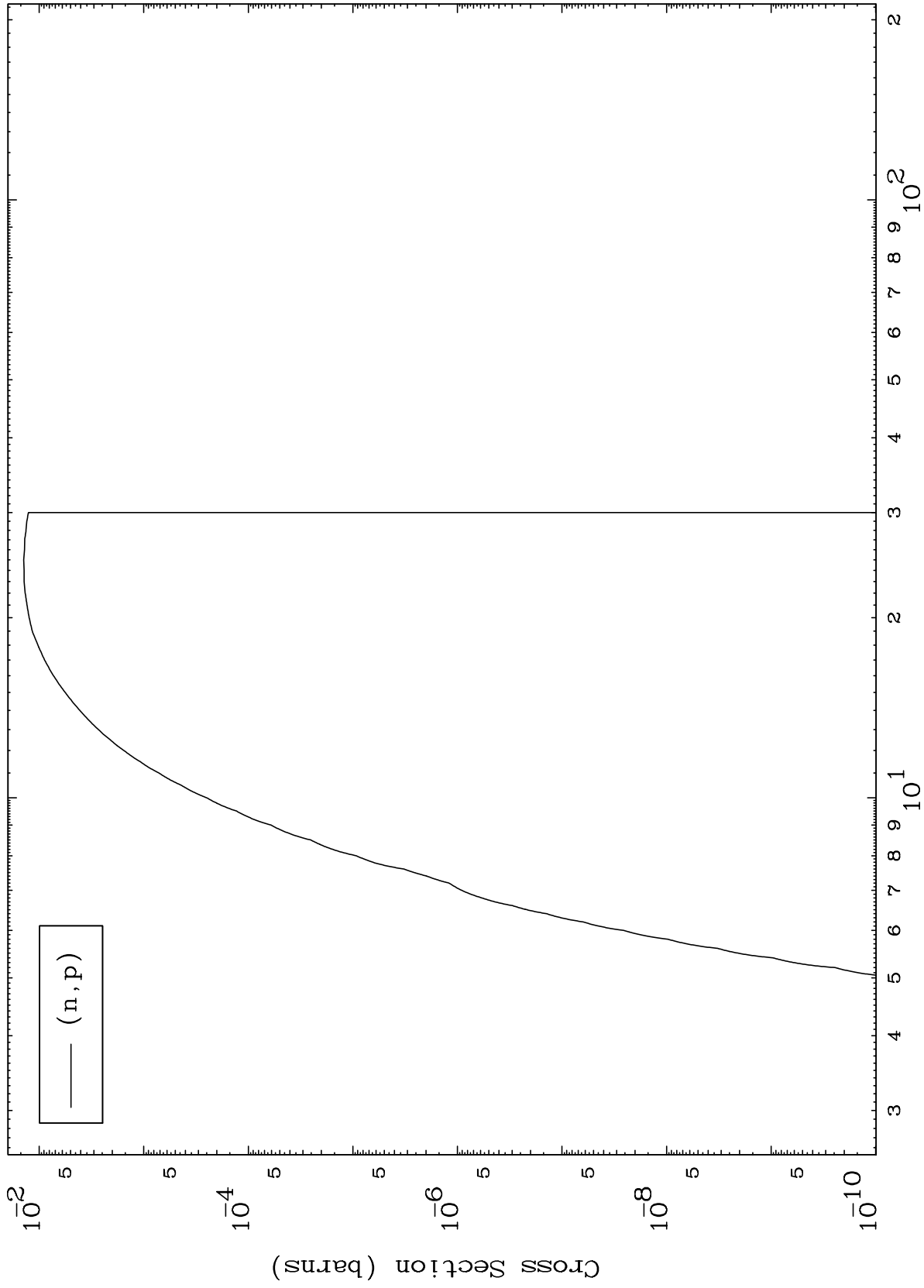
Incident Energy (MeV)

59-Pr-150

MAT 5952

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-150



10

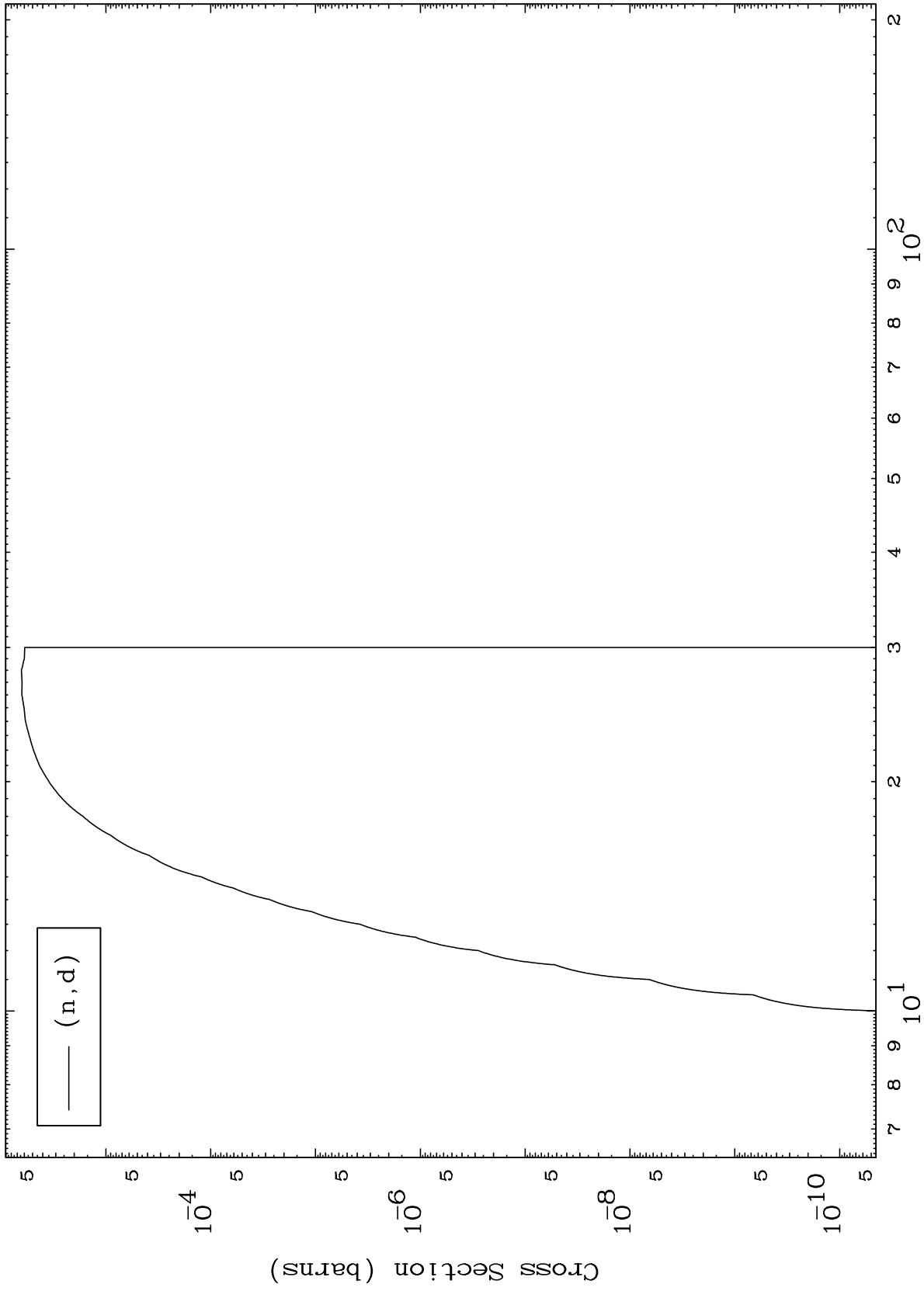
Incident Energy (MeV)

59-Pr-150

MAT 5952

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-150



11

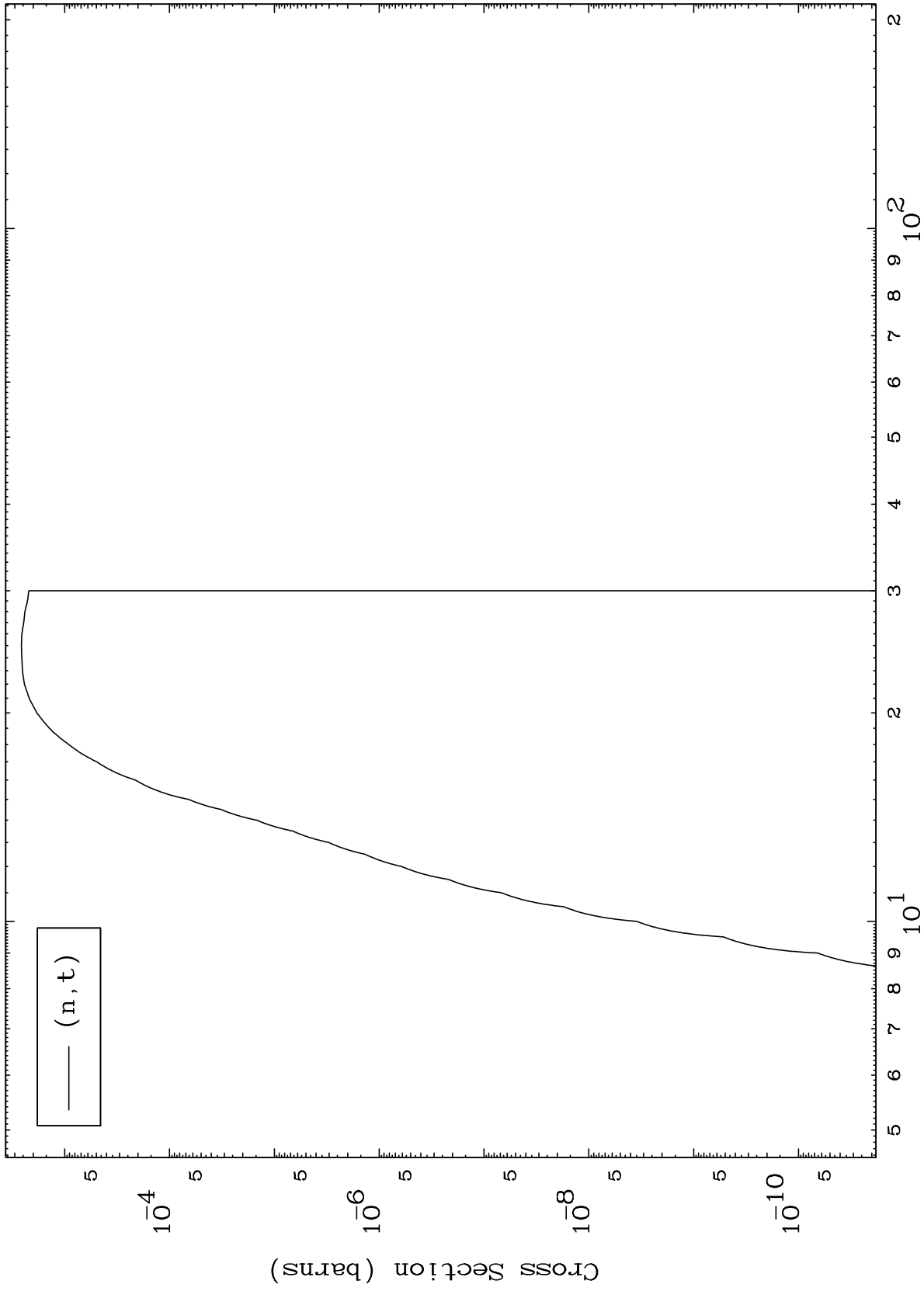
Incident Energy (MeV)

59-Pr-150

MAT 5952

(n,t) Levels
293 Kelvin Cross Sections

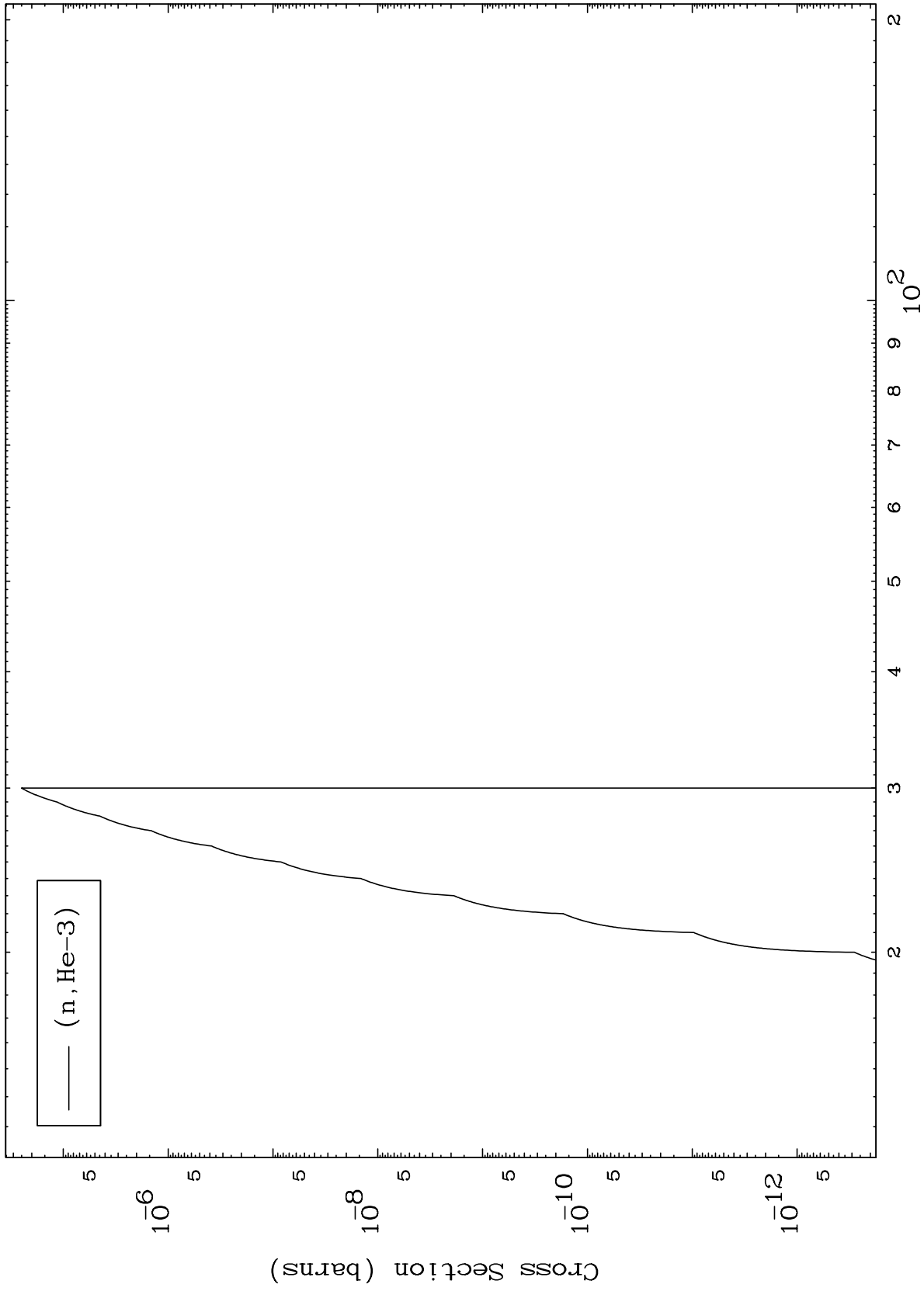
59-Pr-150



12

Incident Energy (MeV)

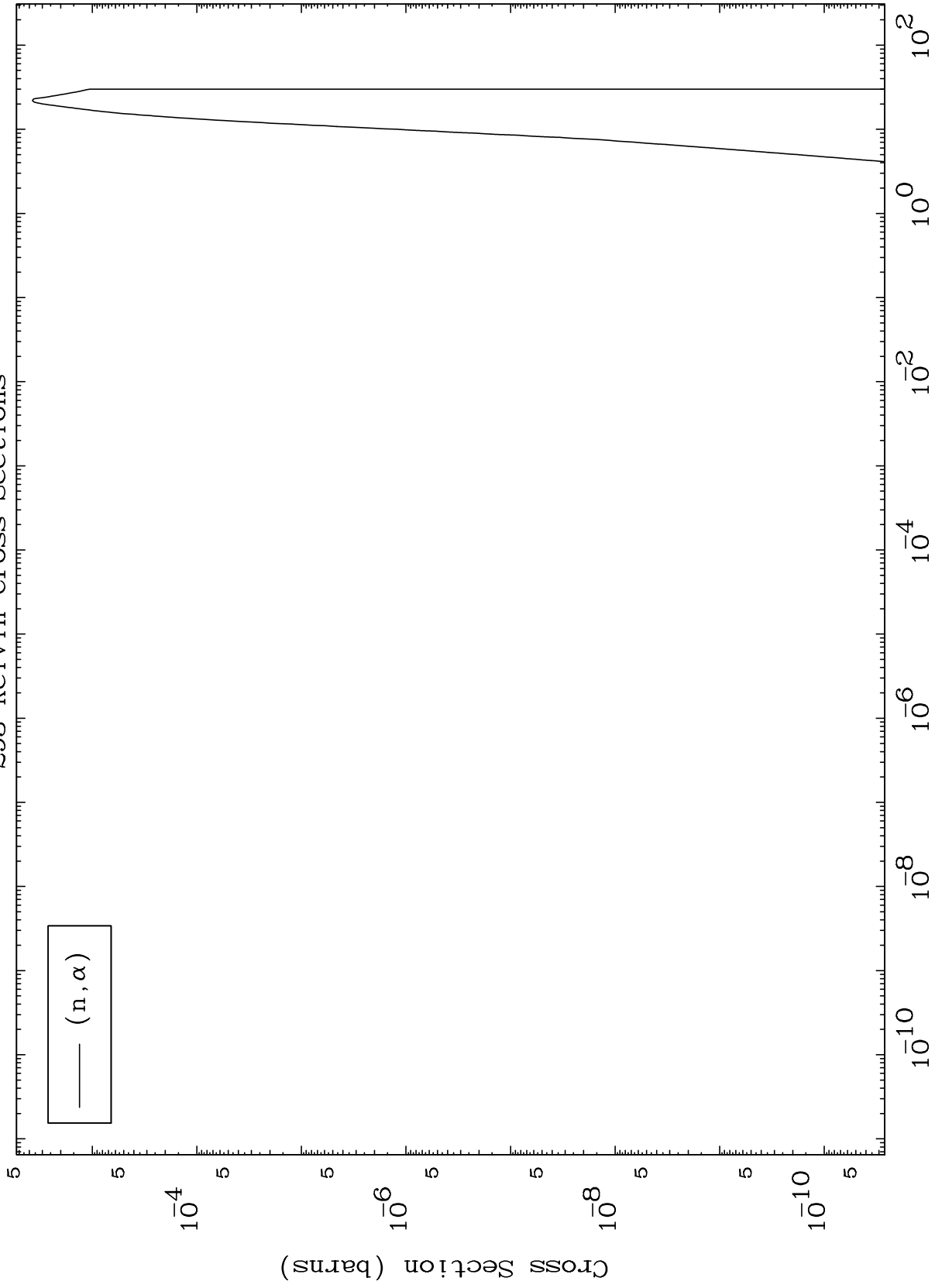
59-Pr-150

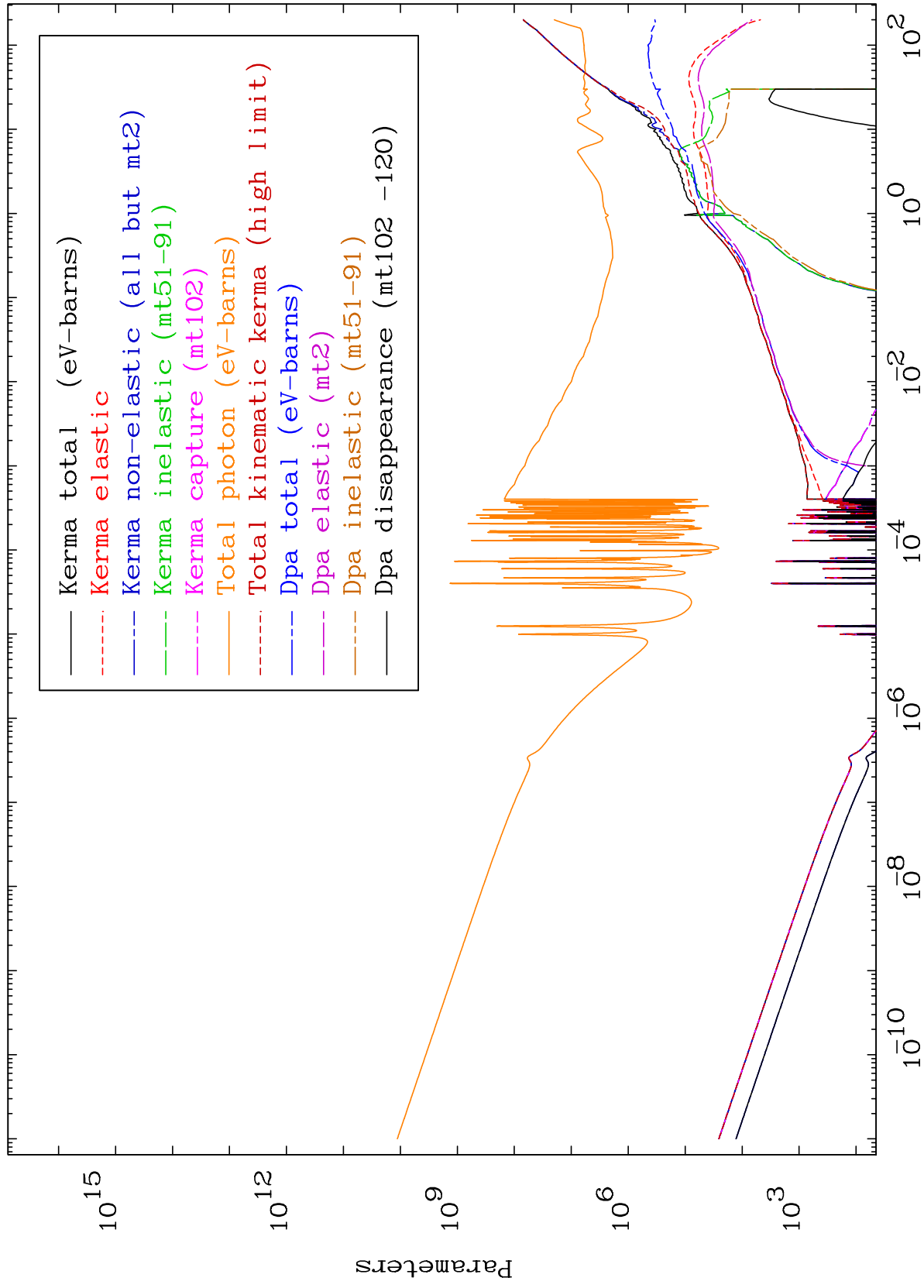


MAT 5952

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-150

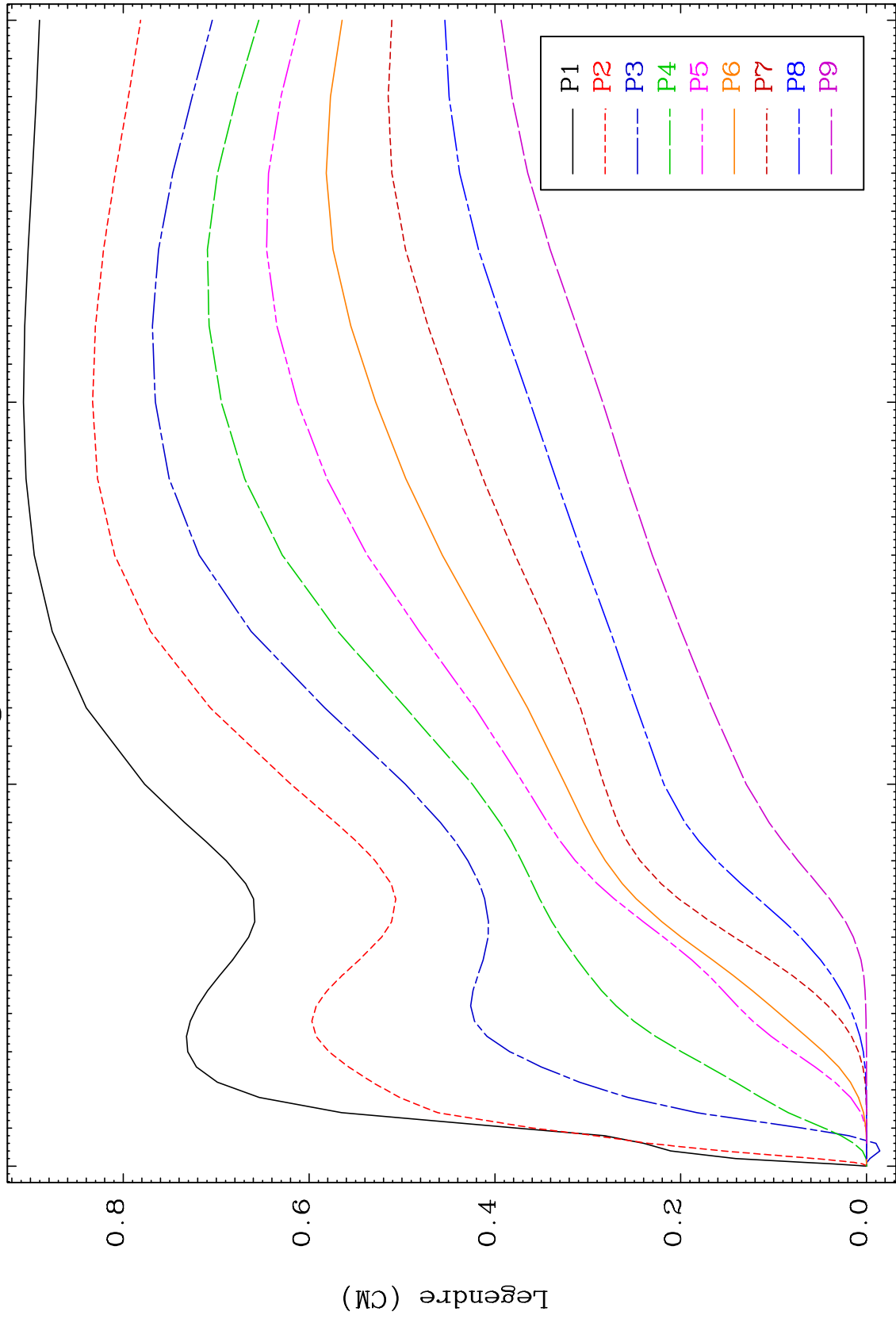




MAT 5952

Elastic Legendre Coefficients

59-Pr-150



16

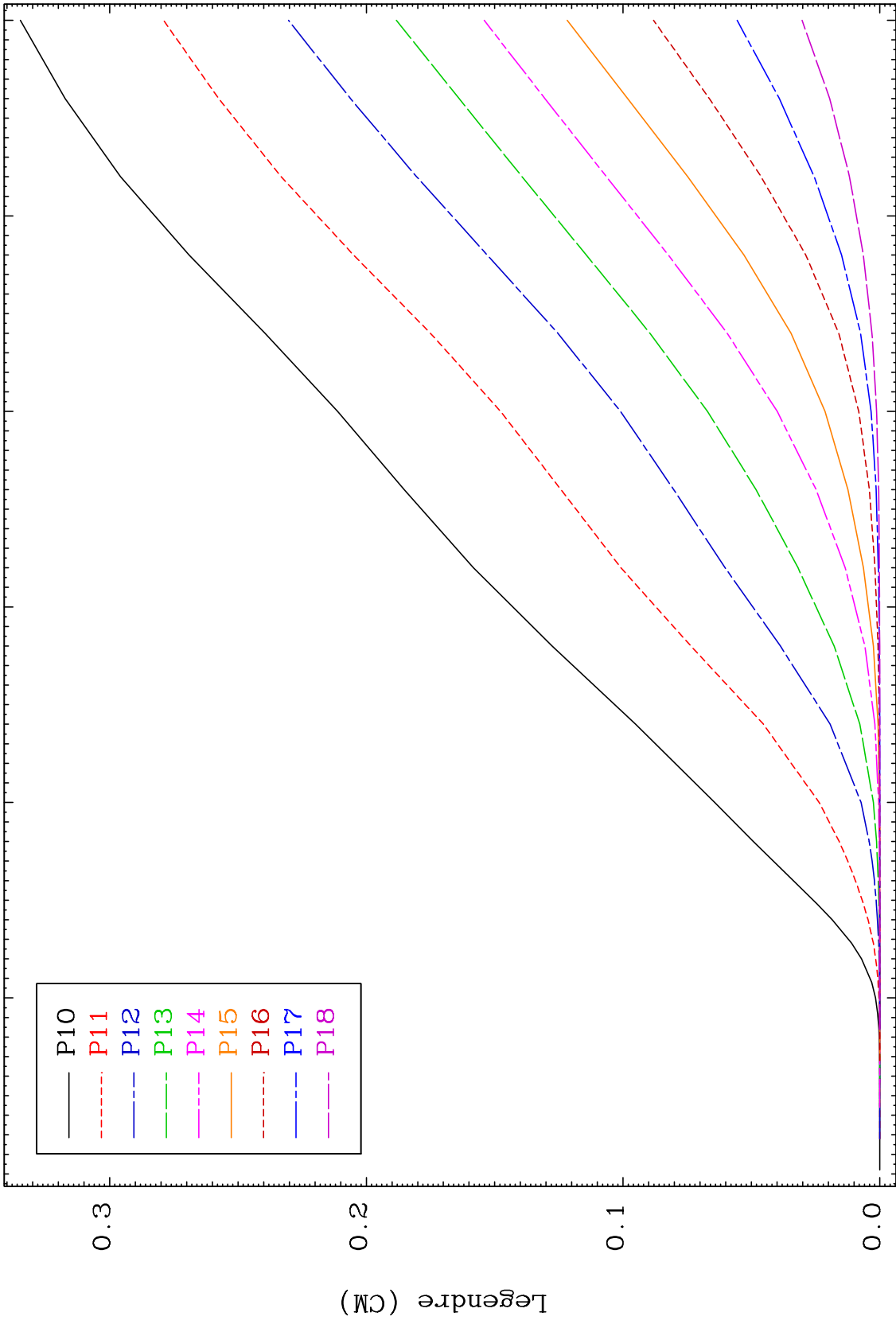
Incident Energy (MeV)

59-Pr-150

MAT 5952

Elastic Legendre Coefficients

59-Pr-150



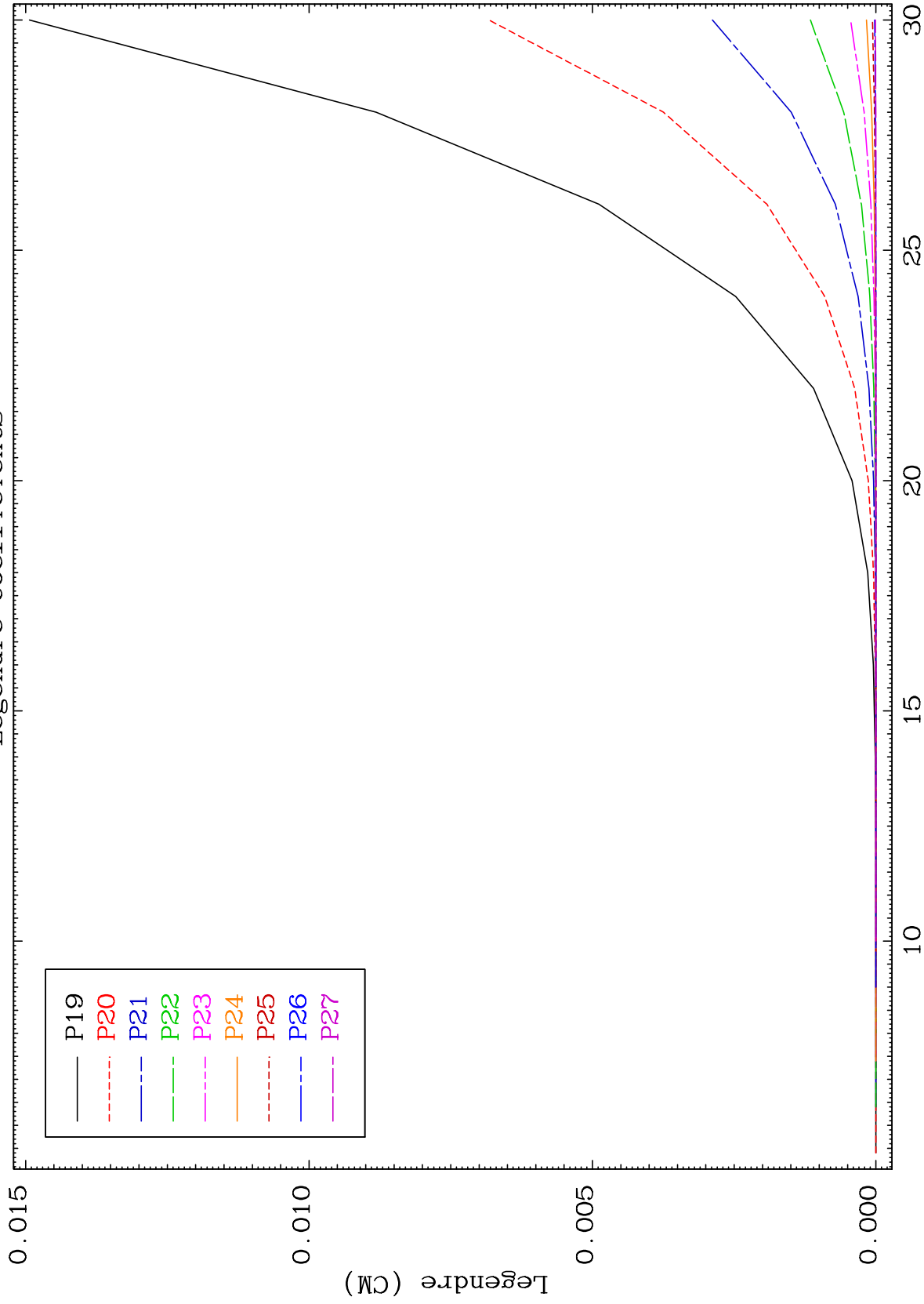
17

59-Pr-150

MAT 5952

Elastic Legendre Coefficients

59-Pr-150



18

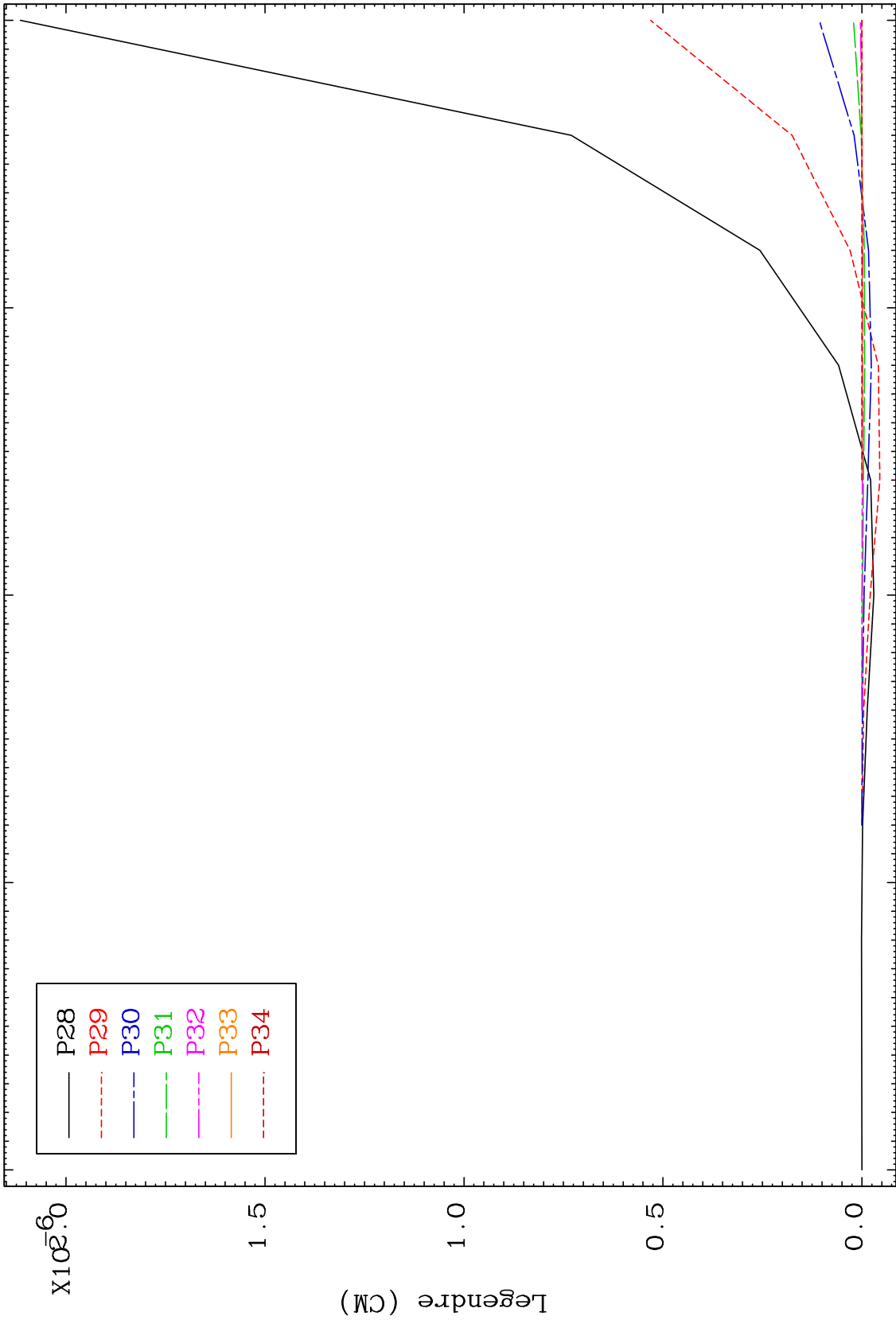
Incident Energy (MeV)

59-Pr-150

MAT 5952

Elastic Legendre Coefficients

59-Pr-150

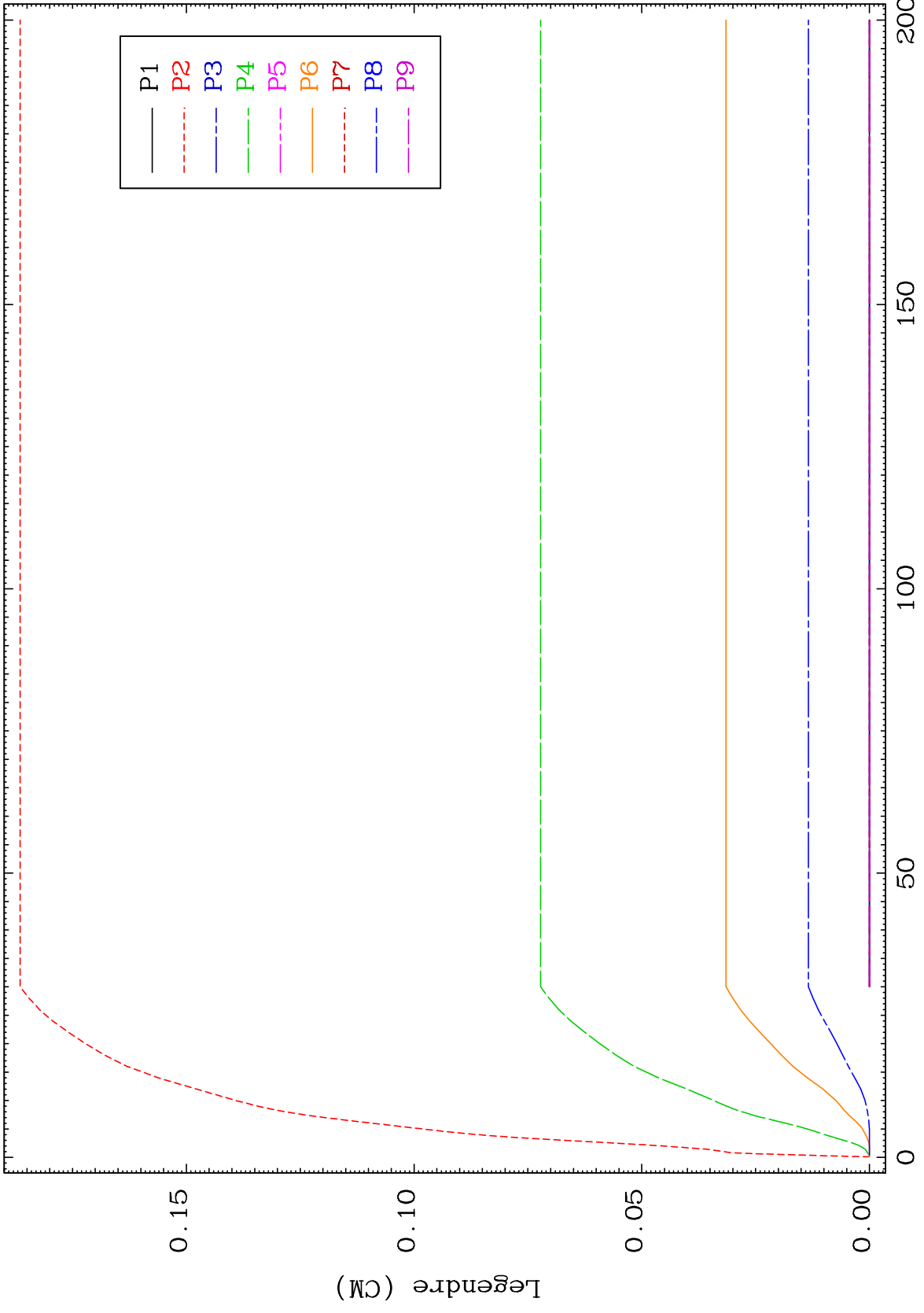


19

Incident Energy (MeV)

59-Pr-150

MAT 5952 MT= 51 (n,n') Level Legendre Coefficients 59-Pr-150

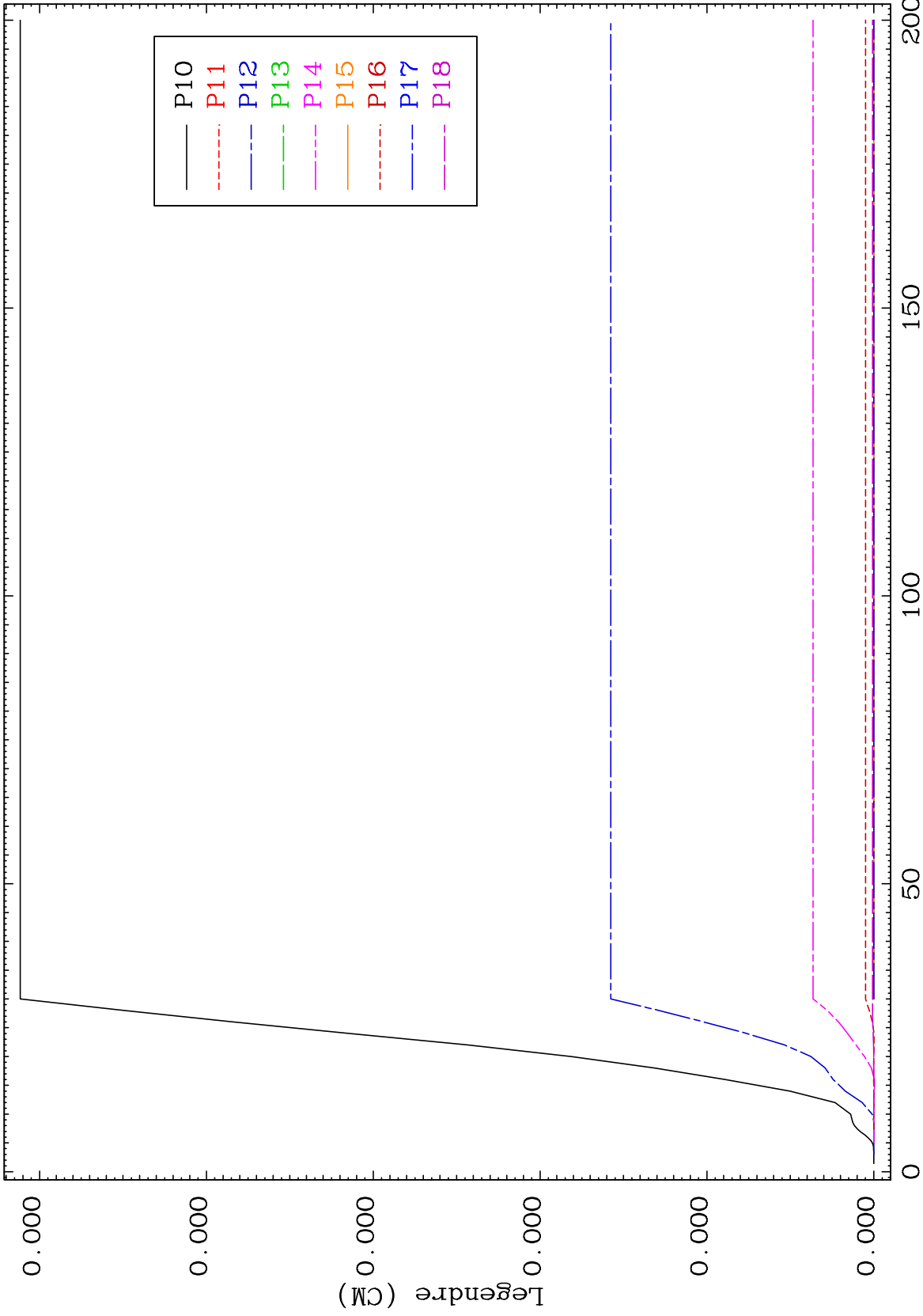


59-Pr-150

MAT 5952

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

59-Pr-150

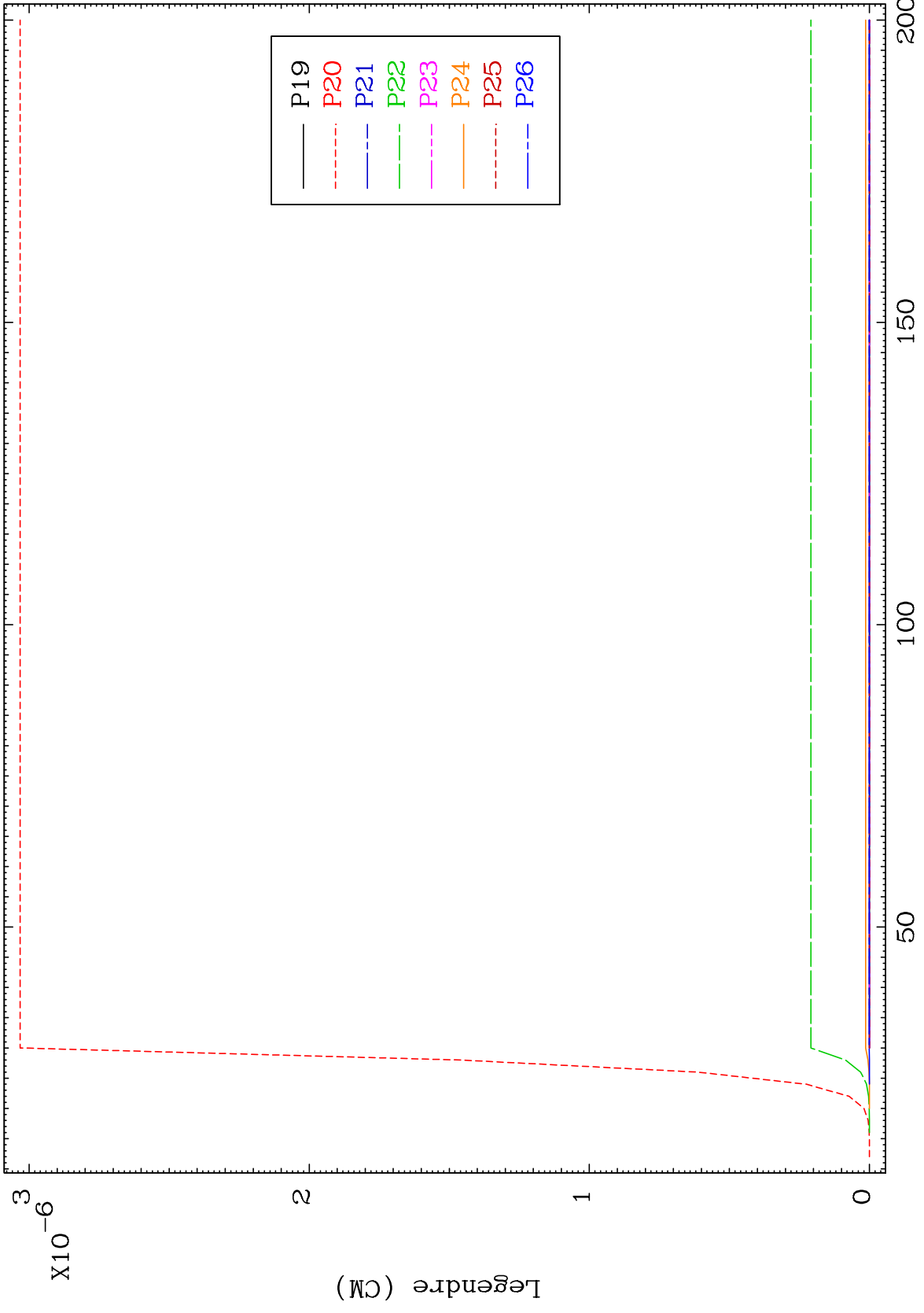


21

Incident Energy (MeV)

59-Pr-150

MAT 5952 MT= 51 (n,n') Level Legendre Coefficients 59-Pr-150

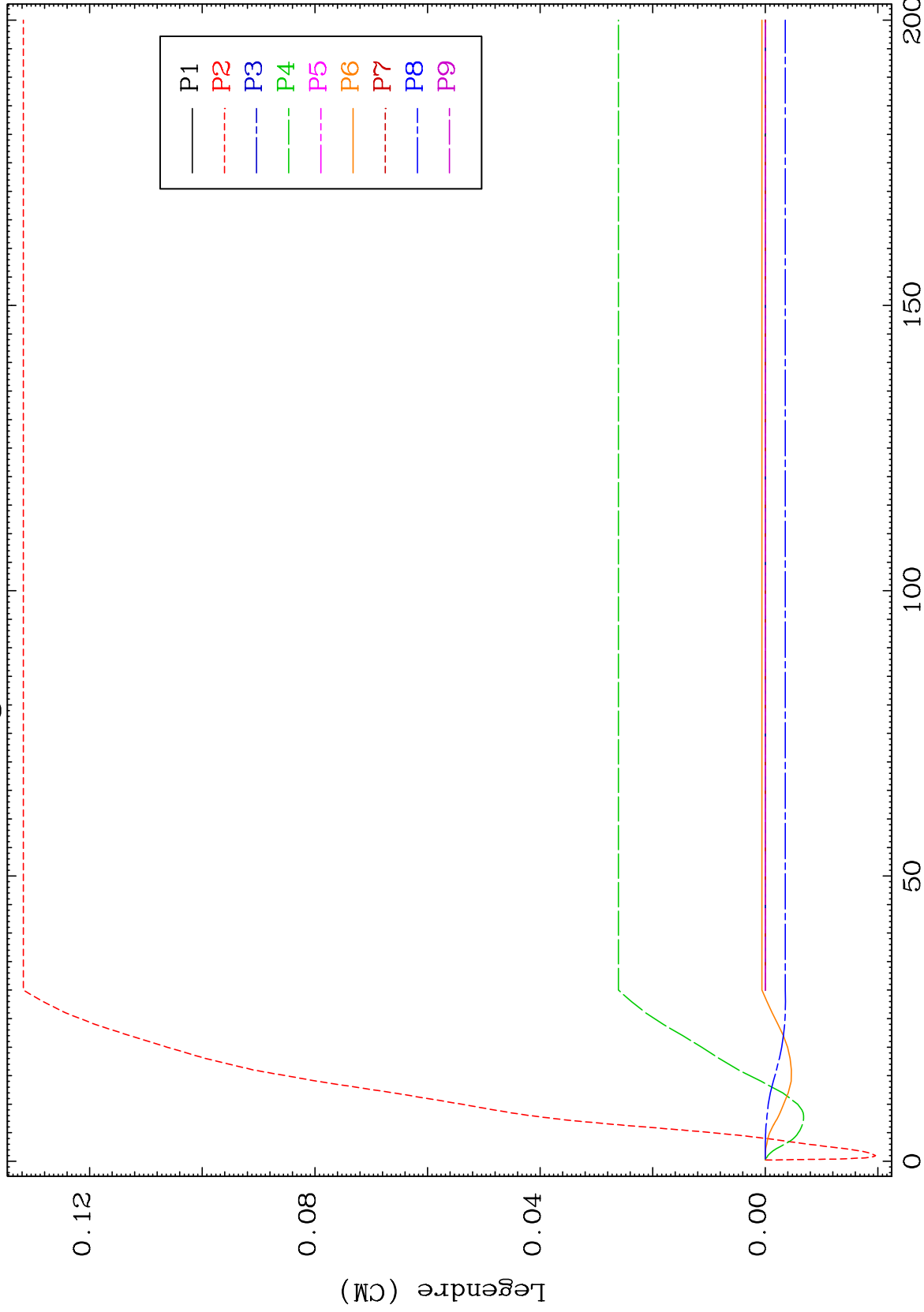


22 50 100 150 200 59-Pr-150

MAT 5952

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

59-Pr-150



23

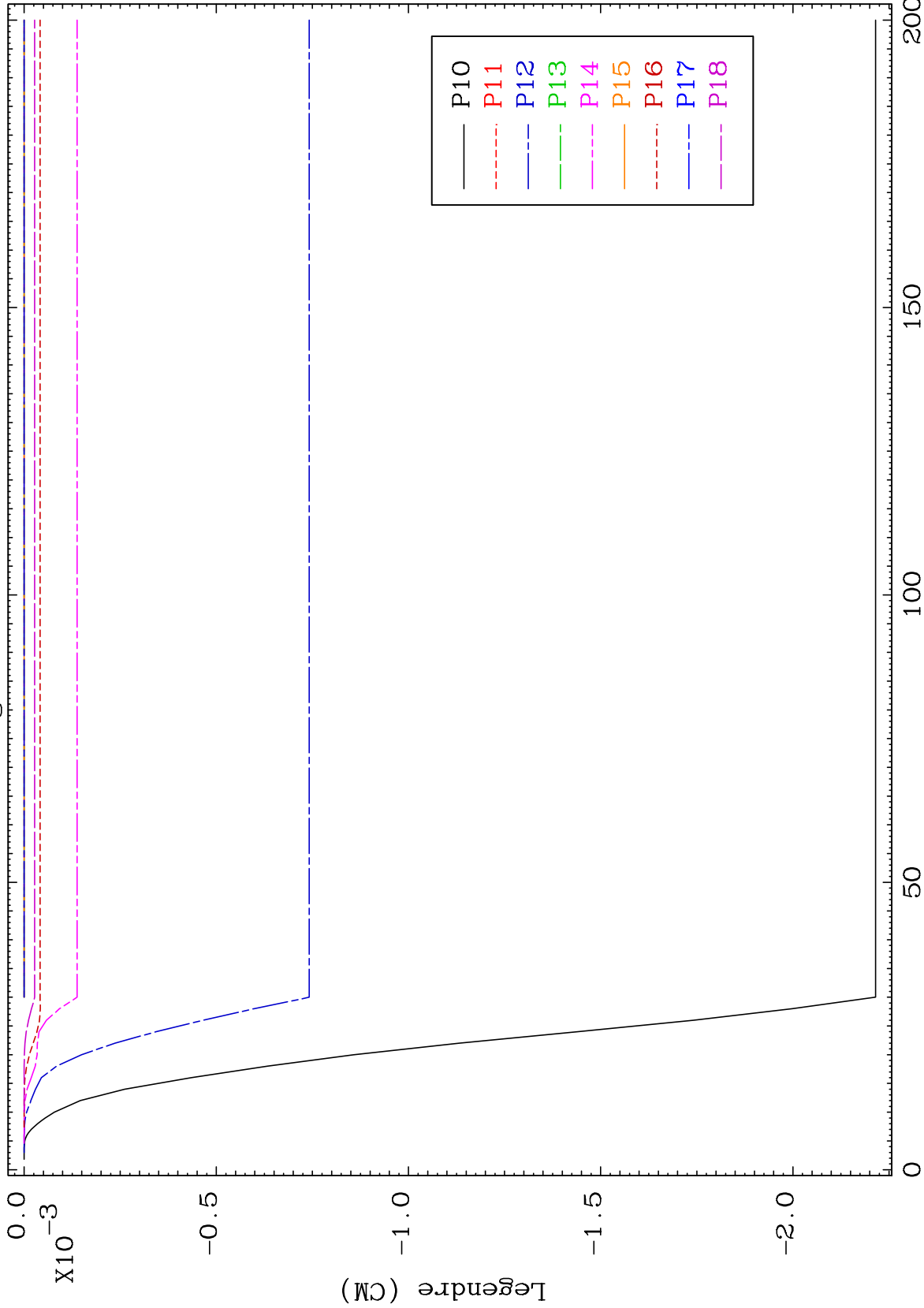
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150

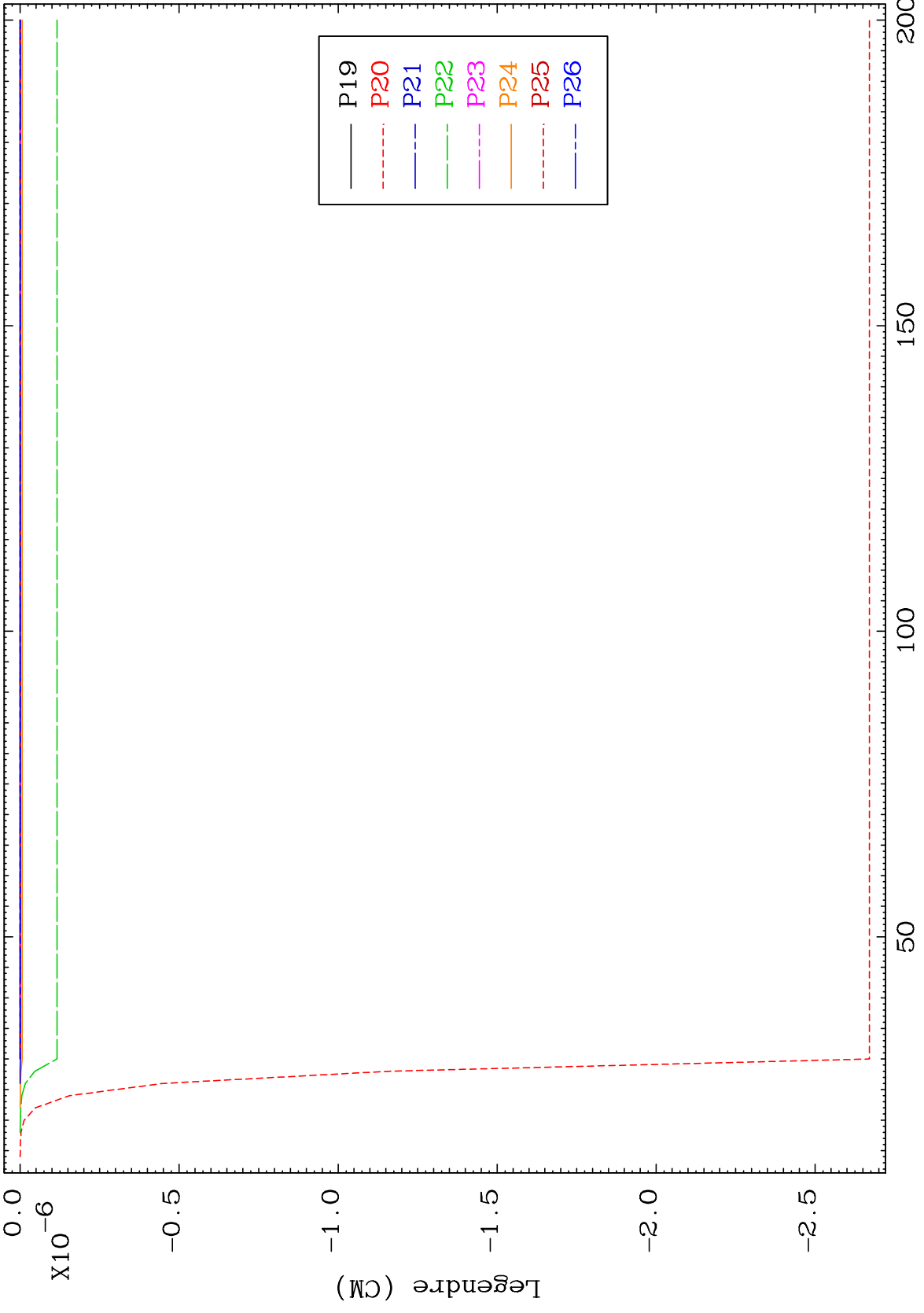


24

Incident Energy (MeV)

59-Pr-150

MAT 5952 MT= 52 (n,n') Level Legendre Coefficients 59-Pr-150

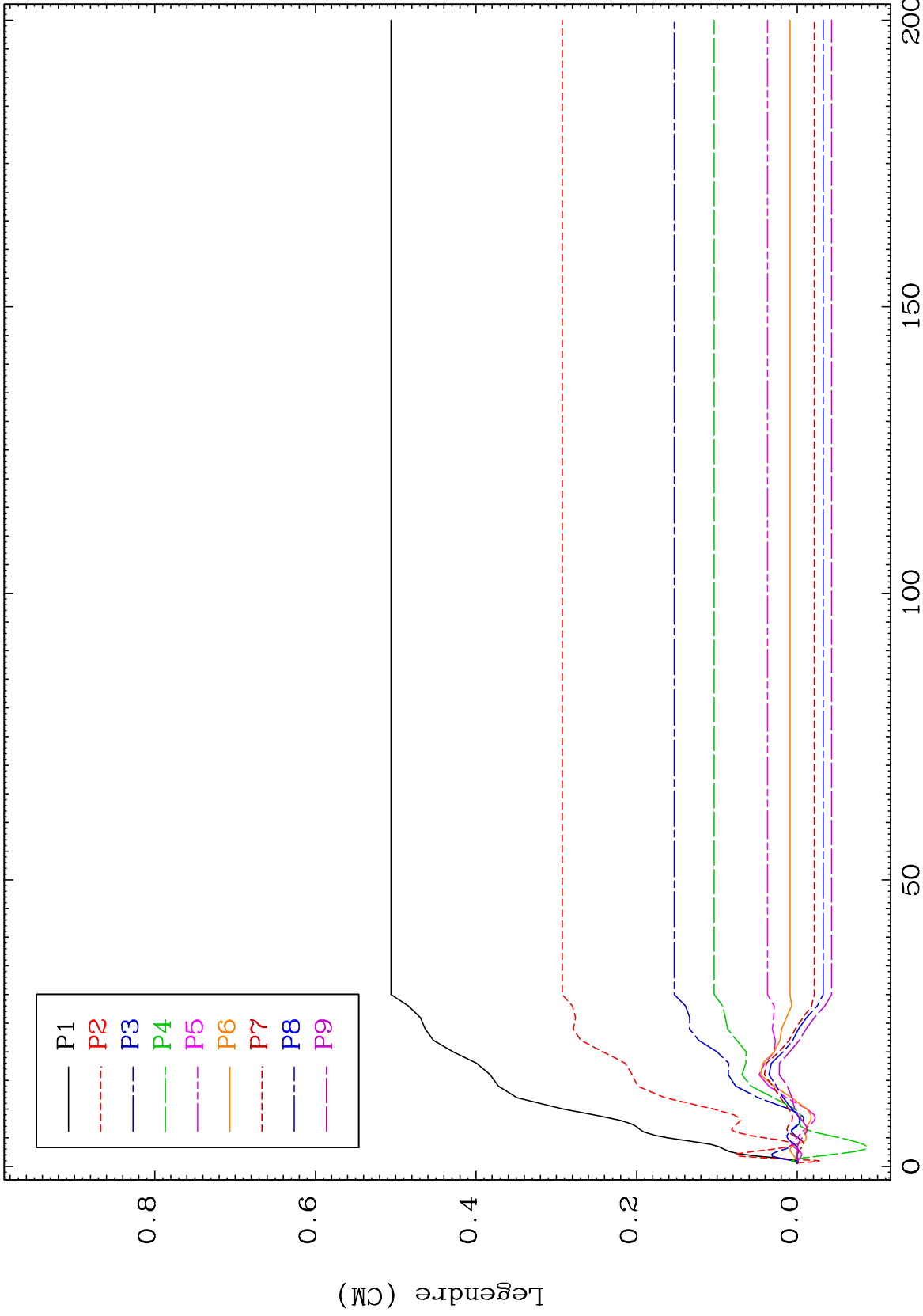


25 Incident Energy (MeV) 59-Pr-150

MAT 5952

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

59-Pr-150



26

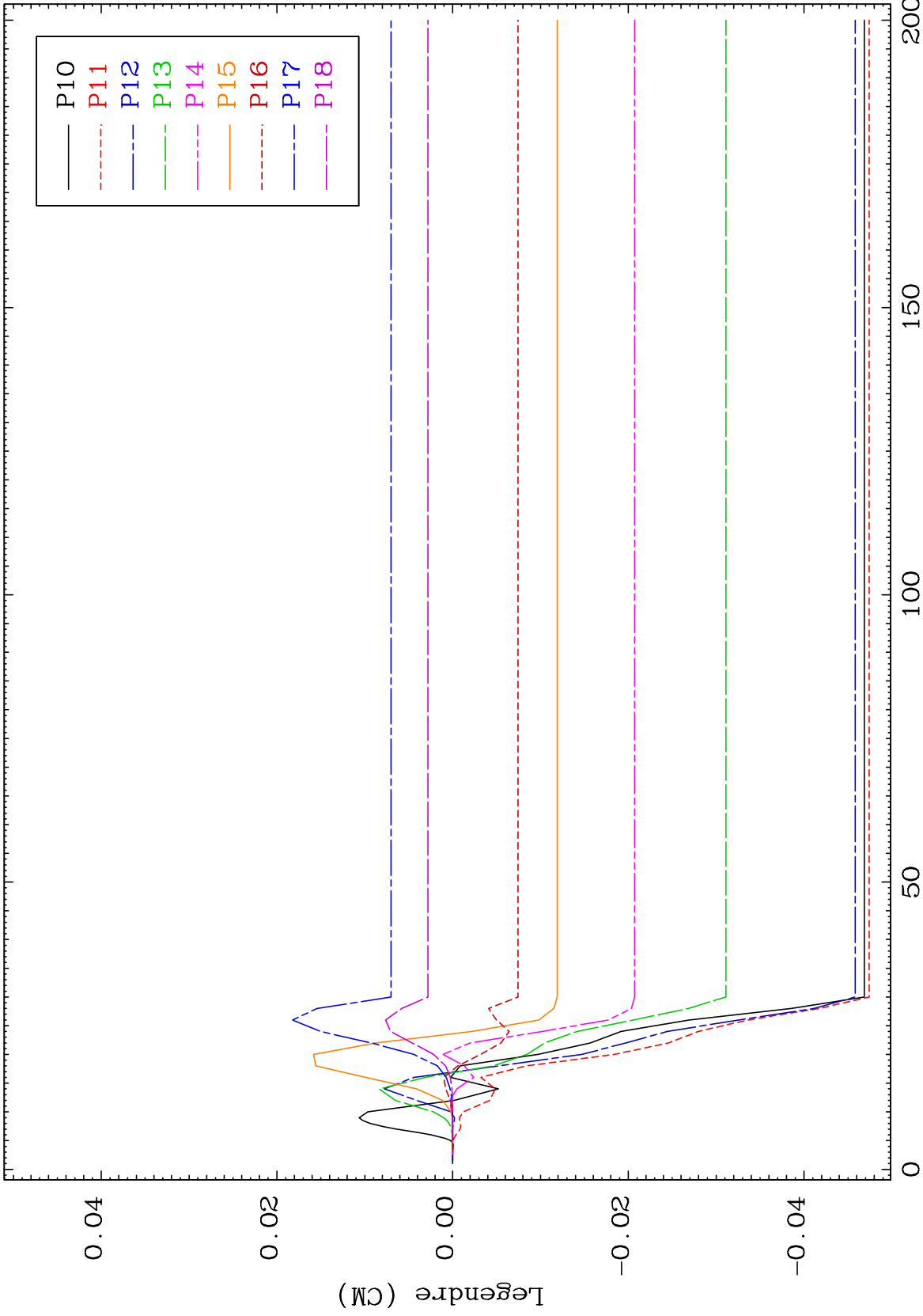
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



27

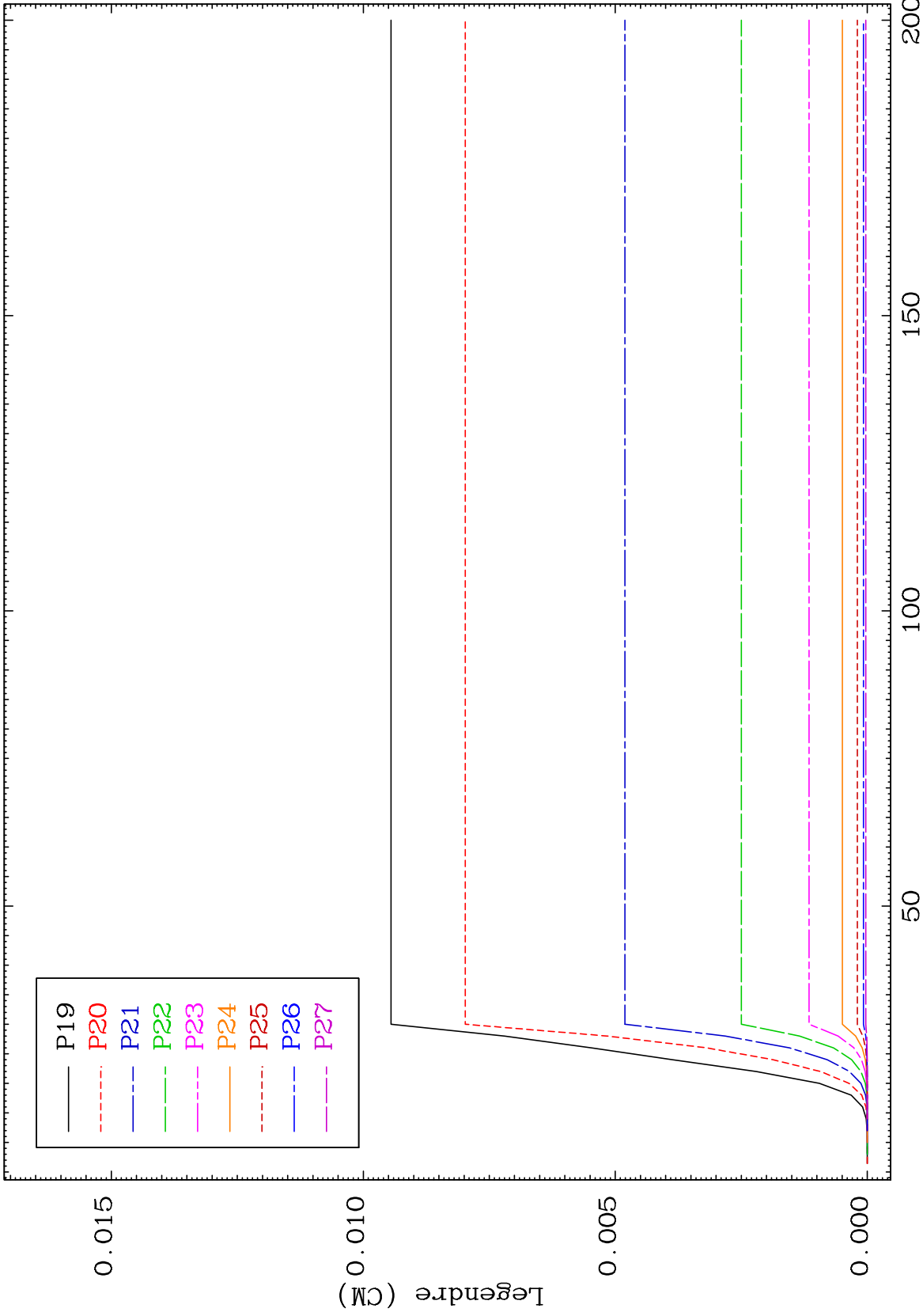
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



28

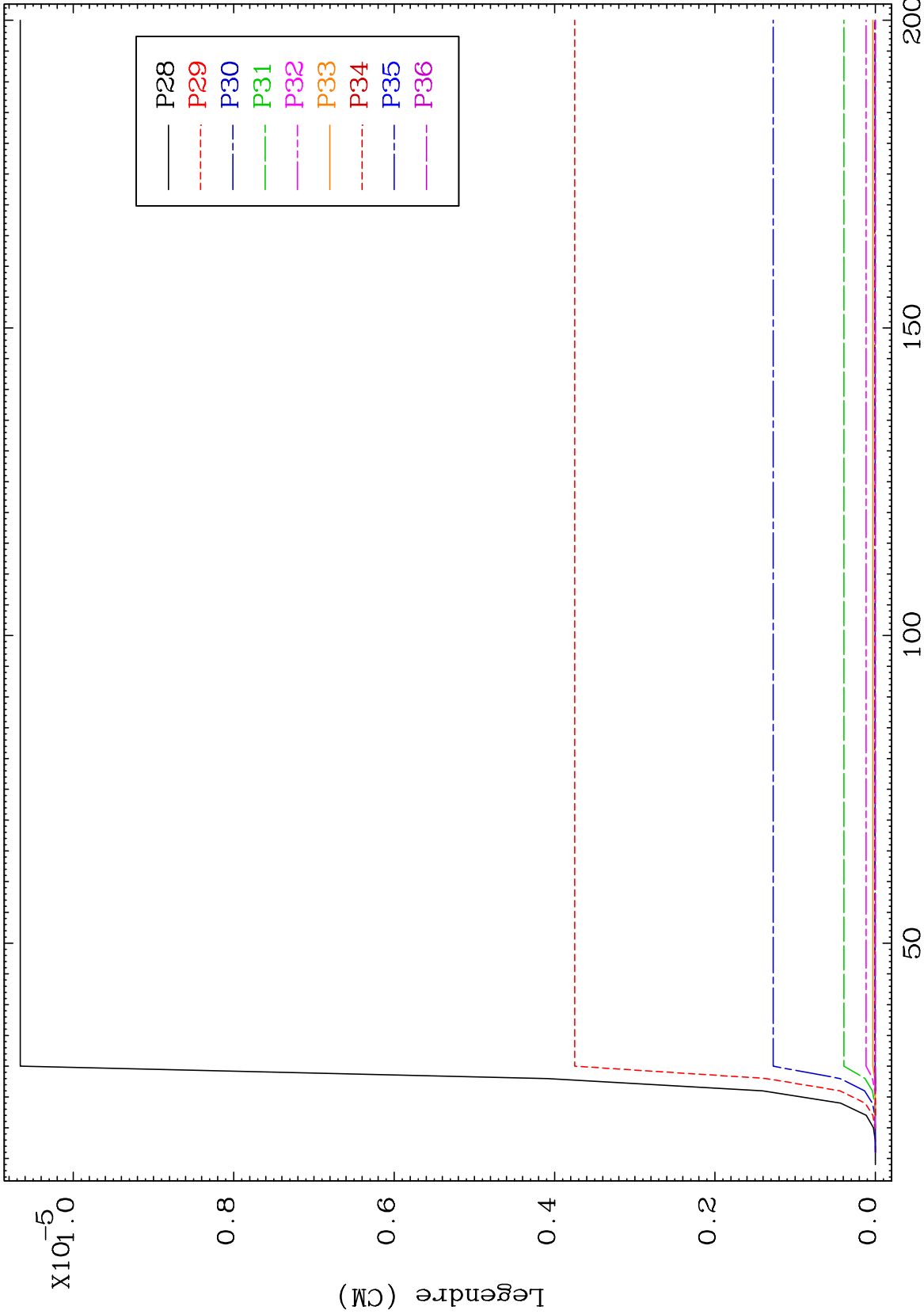
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



29

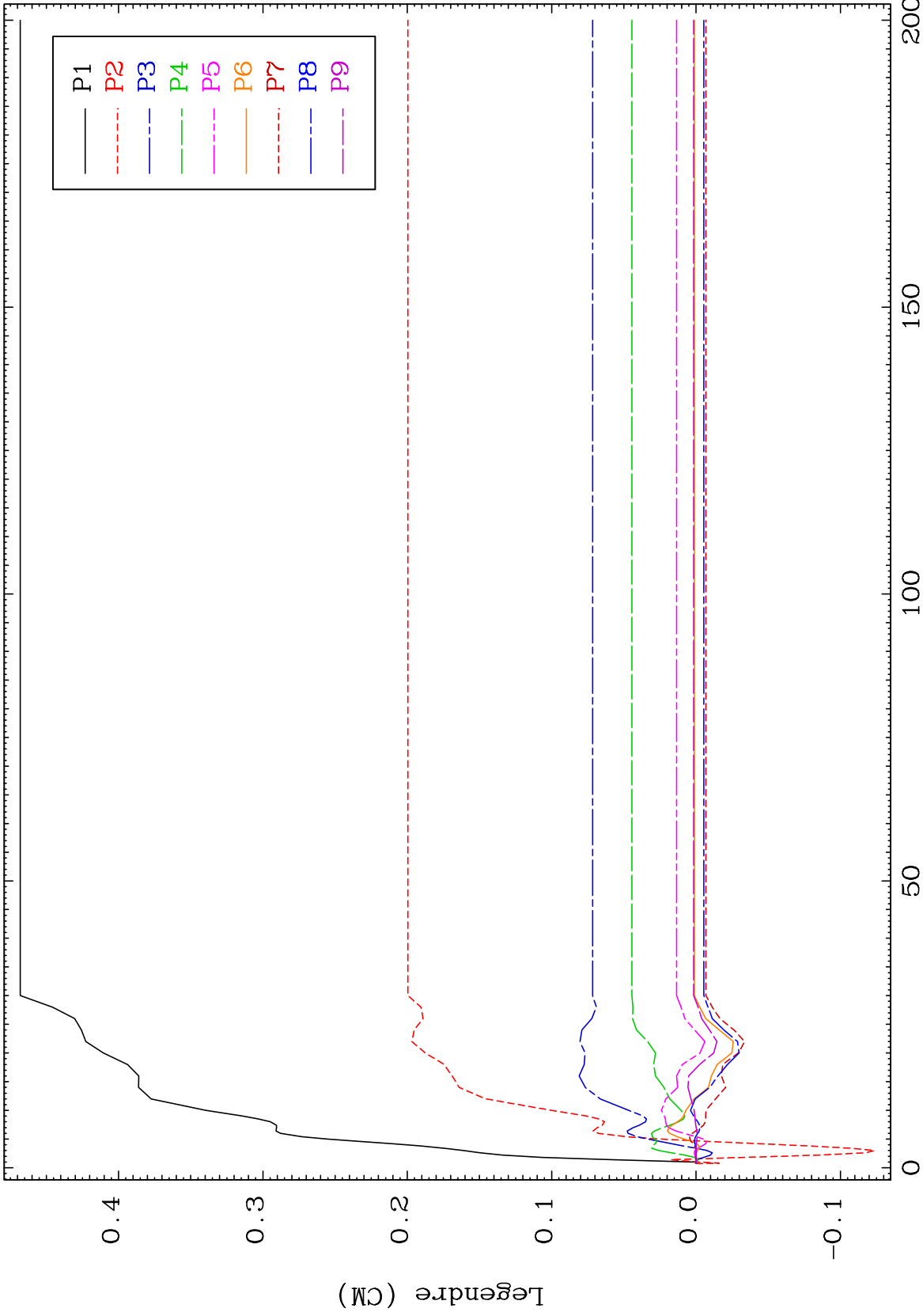
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



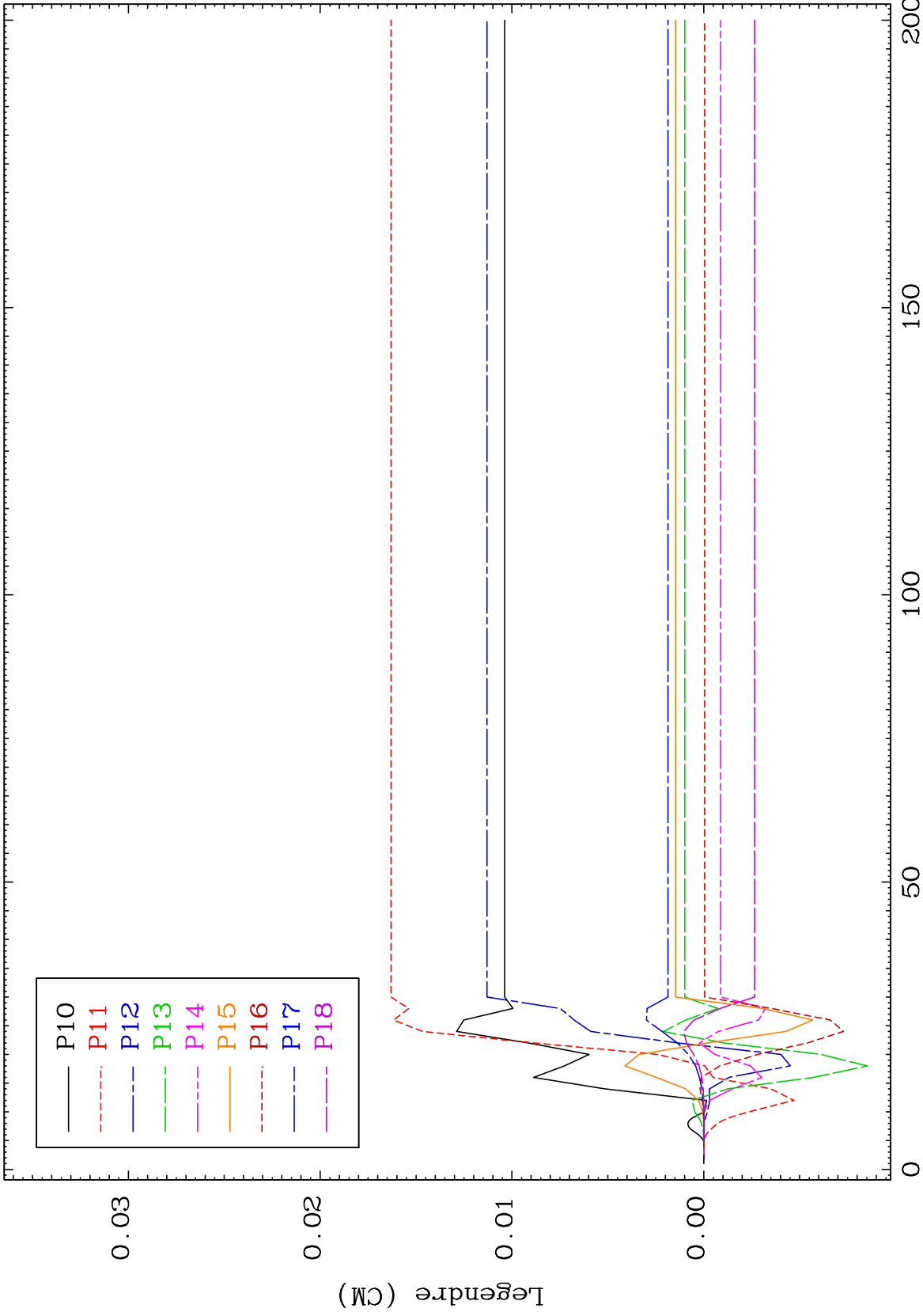
59-Pr-150

Incident Energy (MeV)

MAT 5952

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

59-Pr-150



31

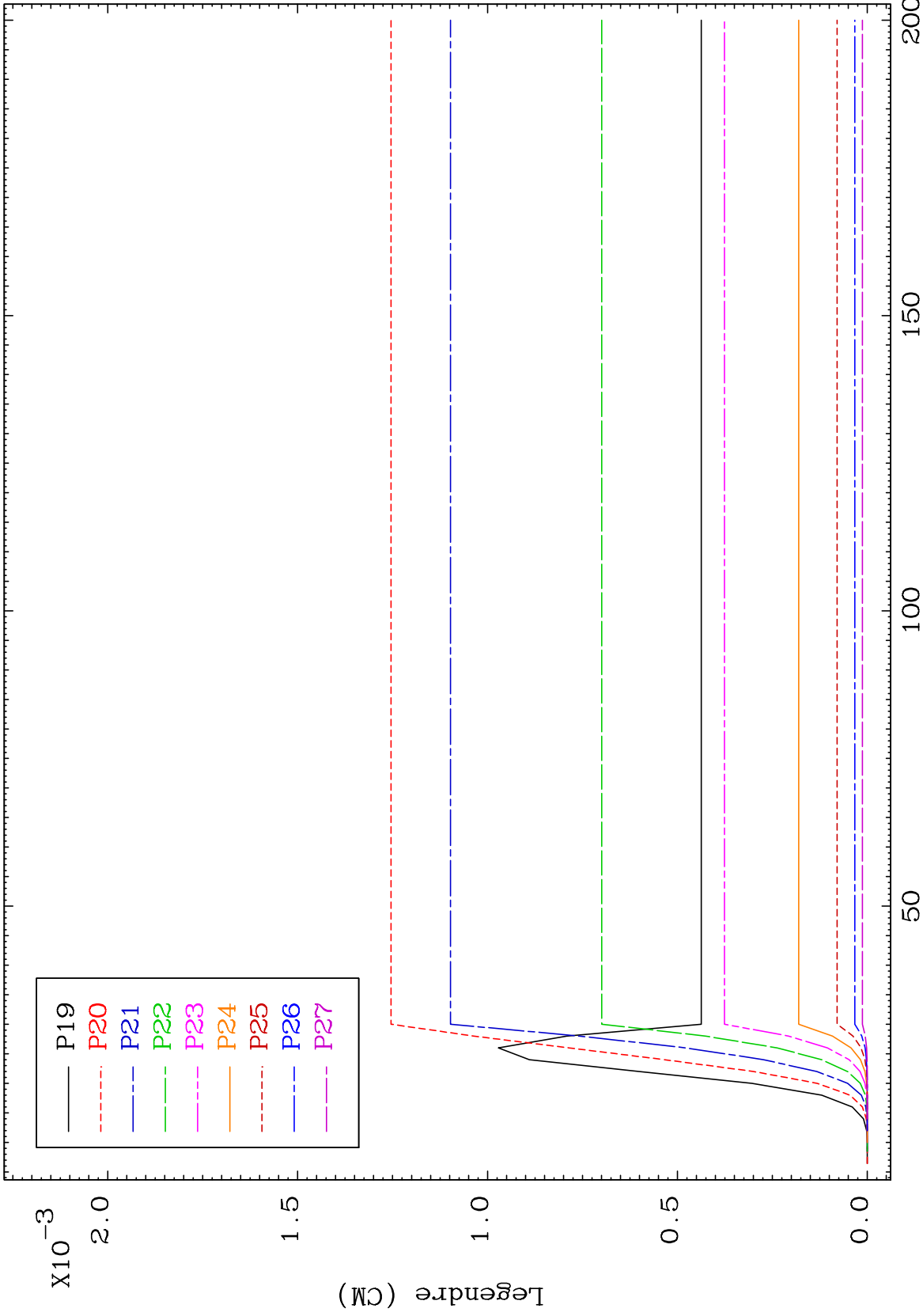
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



32

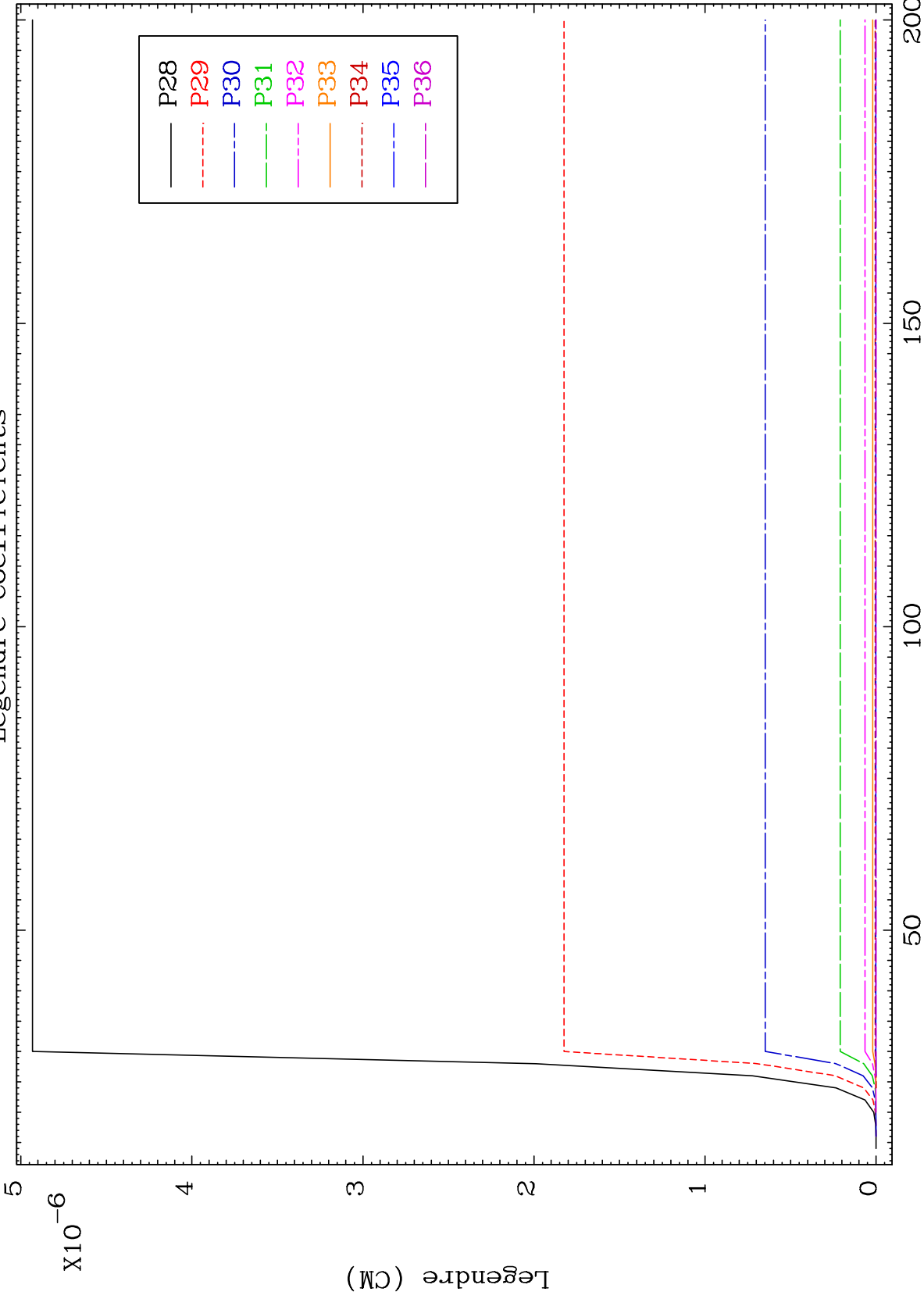
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200

MAT 5952

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

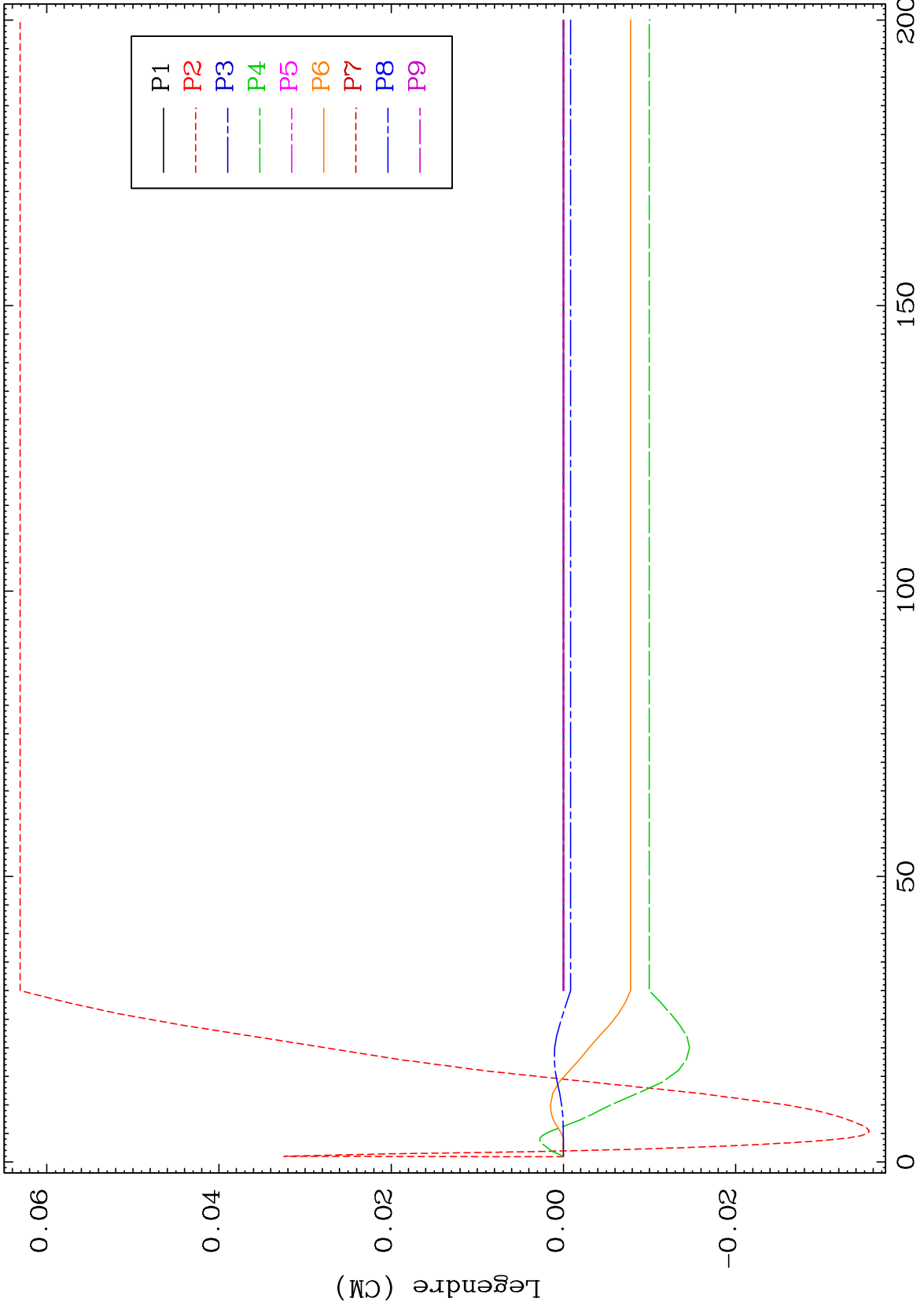
59-Pr-150



33

59-Pr-150

MAT 5952 MT= 55 (n,n') Level Legendre Coefficients 59-Pr-150

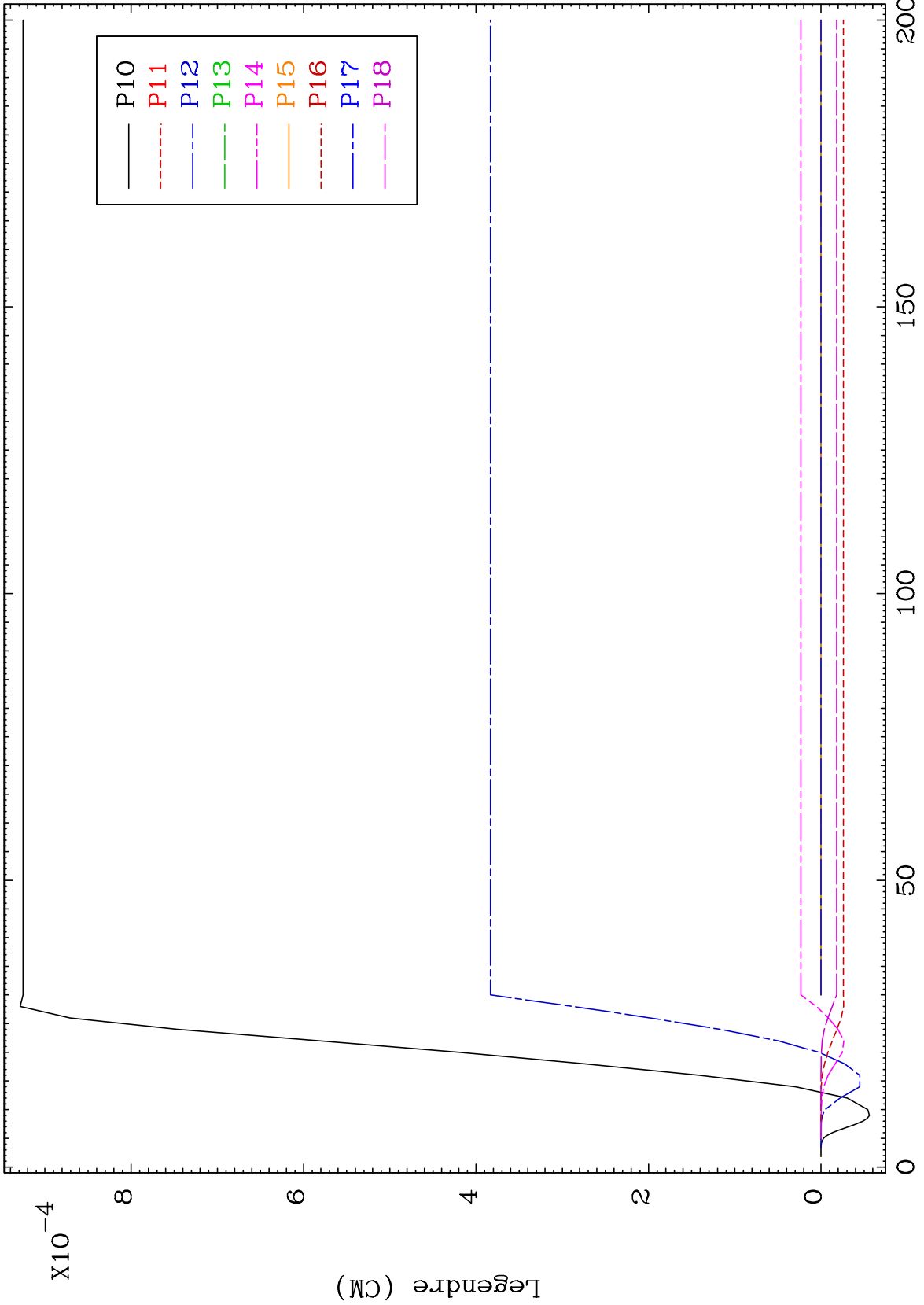


34 59-Pr-150

MAT 5952

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

59-Pr-150



35

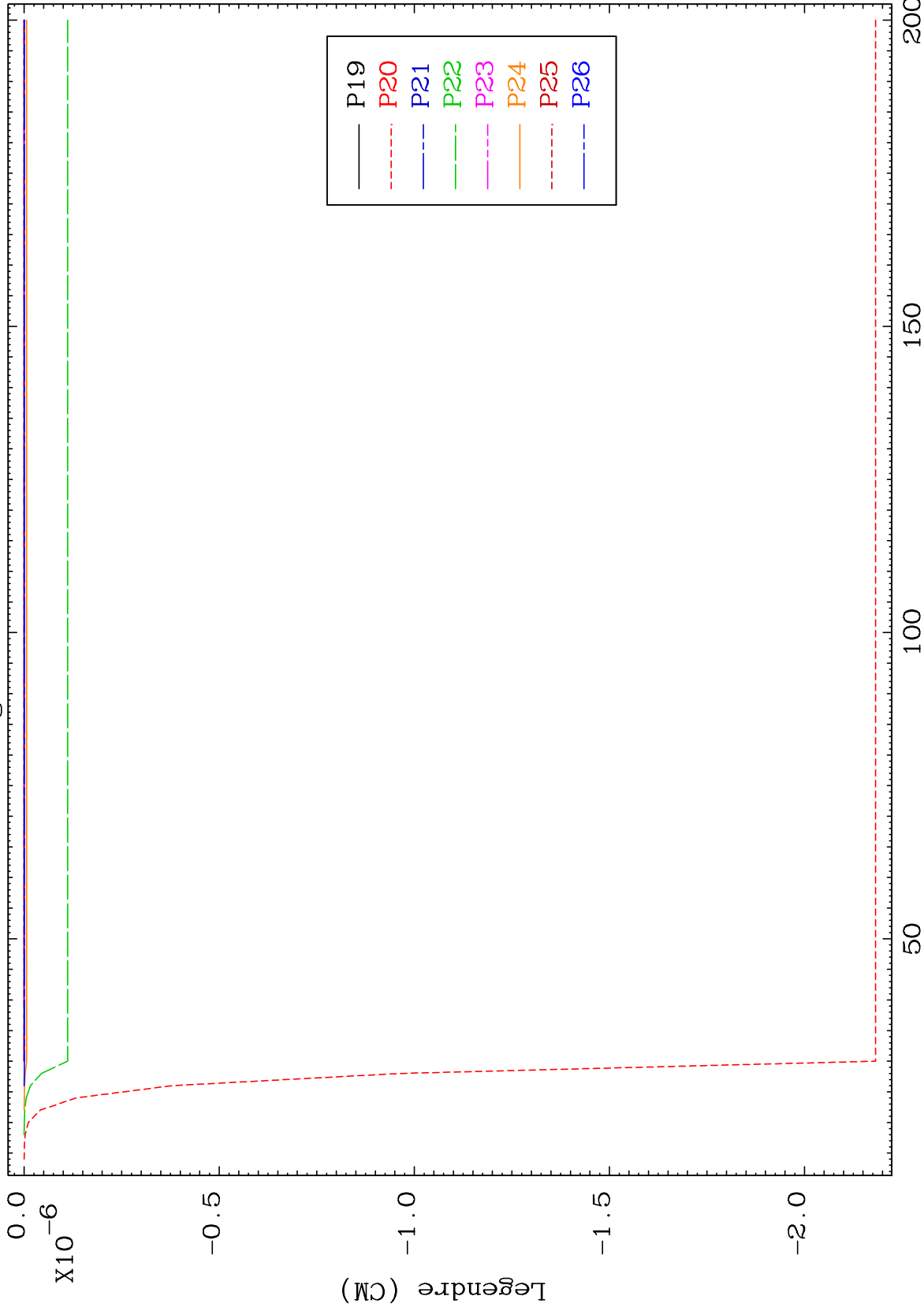
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



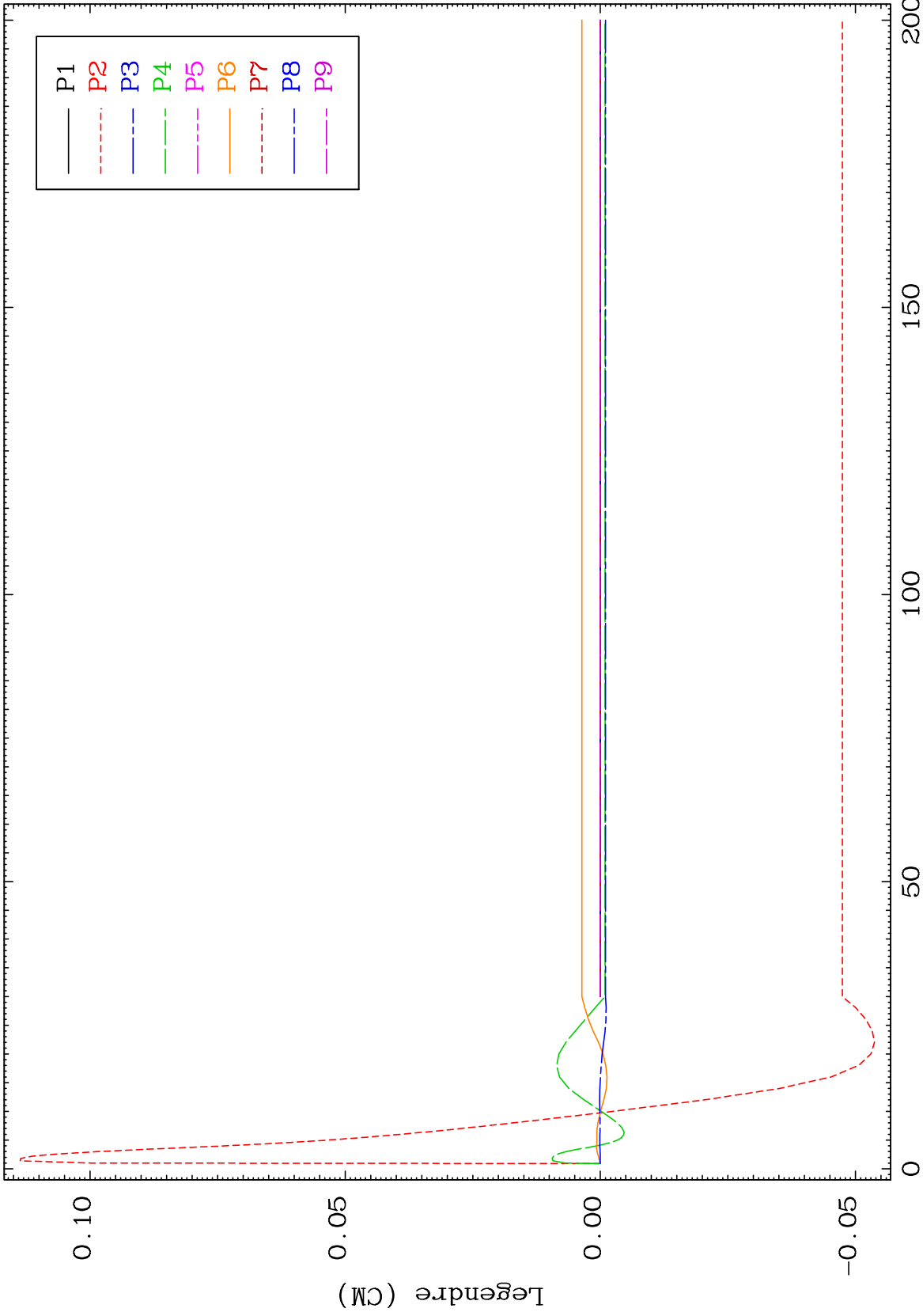
36

59-Pr-150

MAT 5952

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

59-Pr-150



37

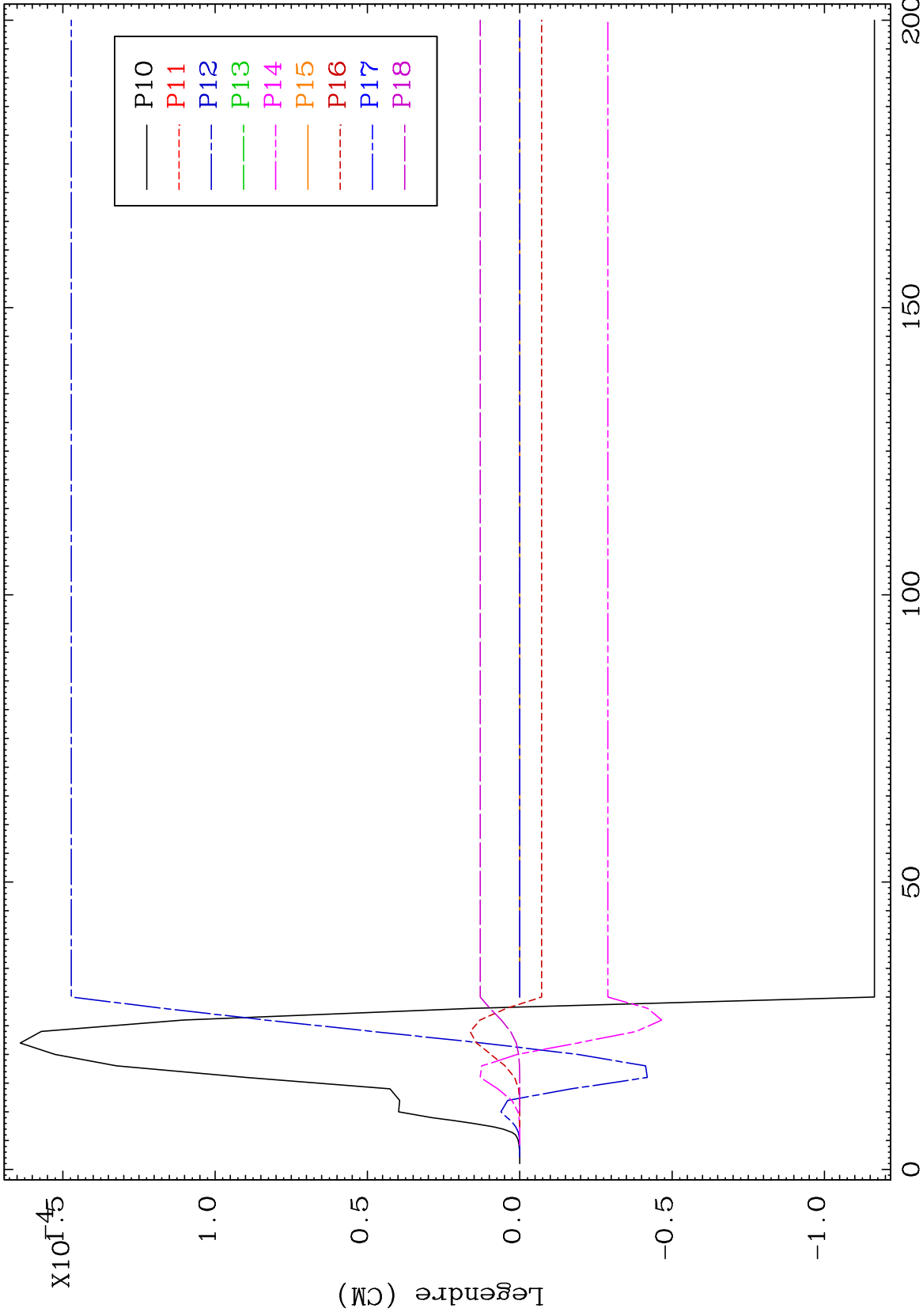
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



38

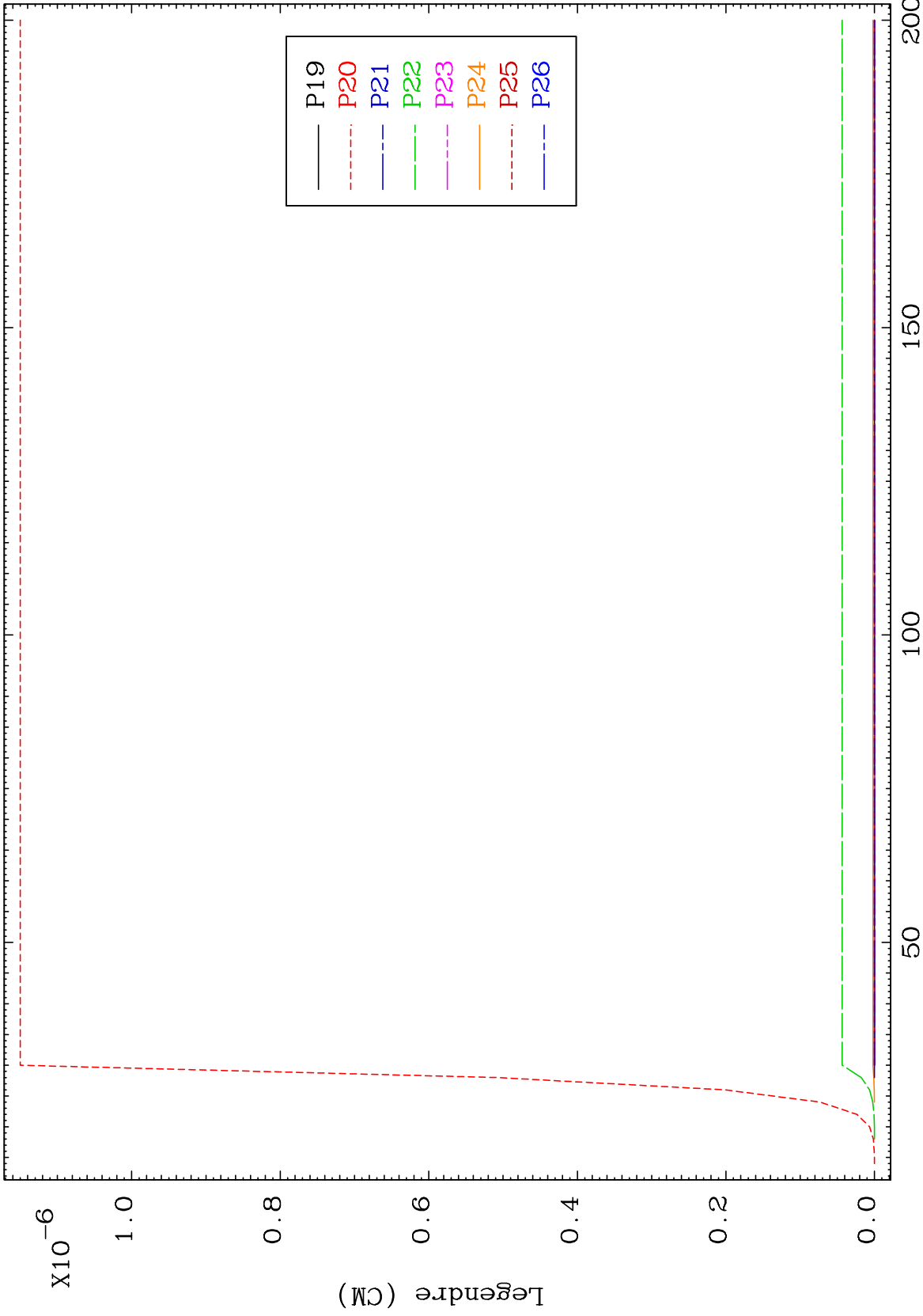
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



39

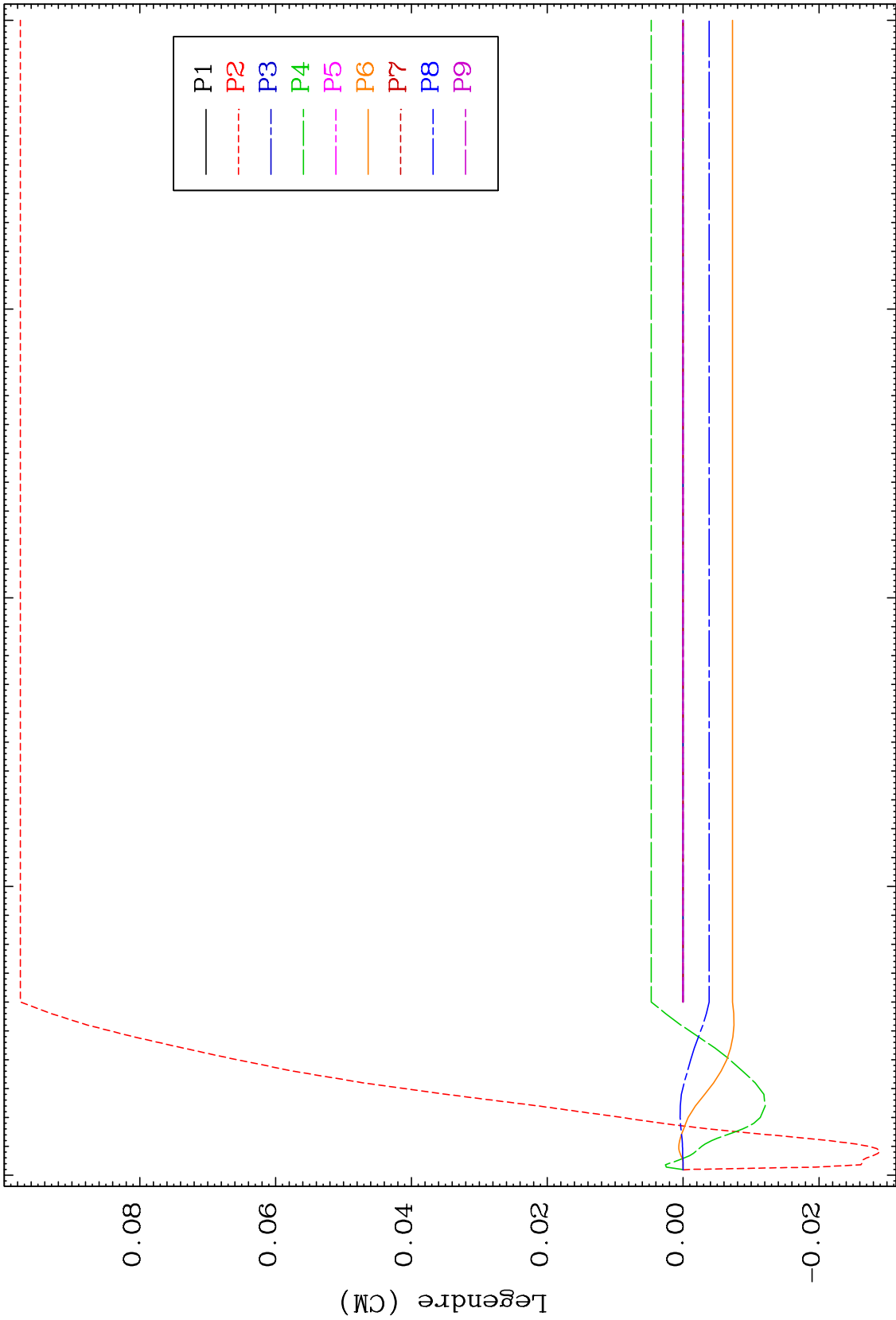
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



59-Pr-150

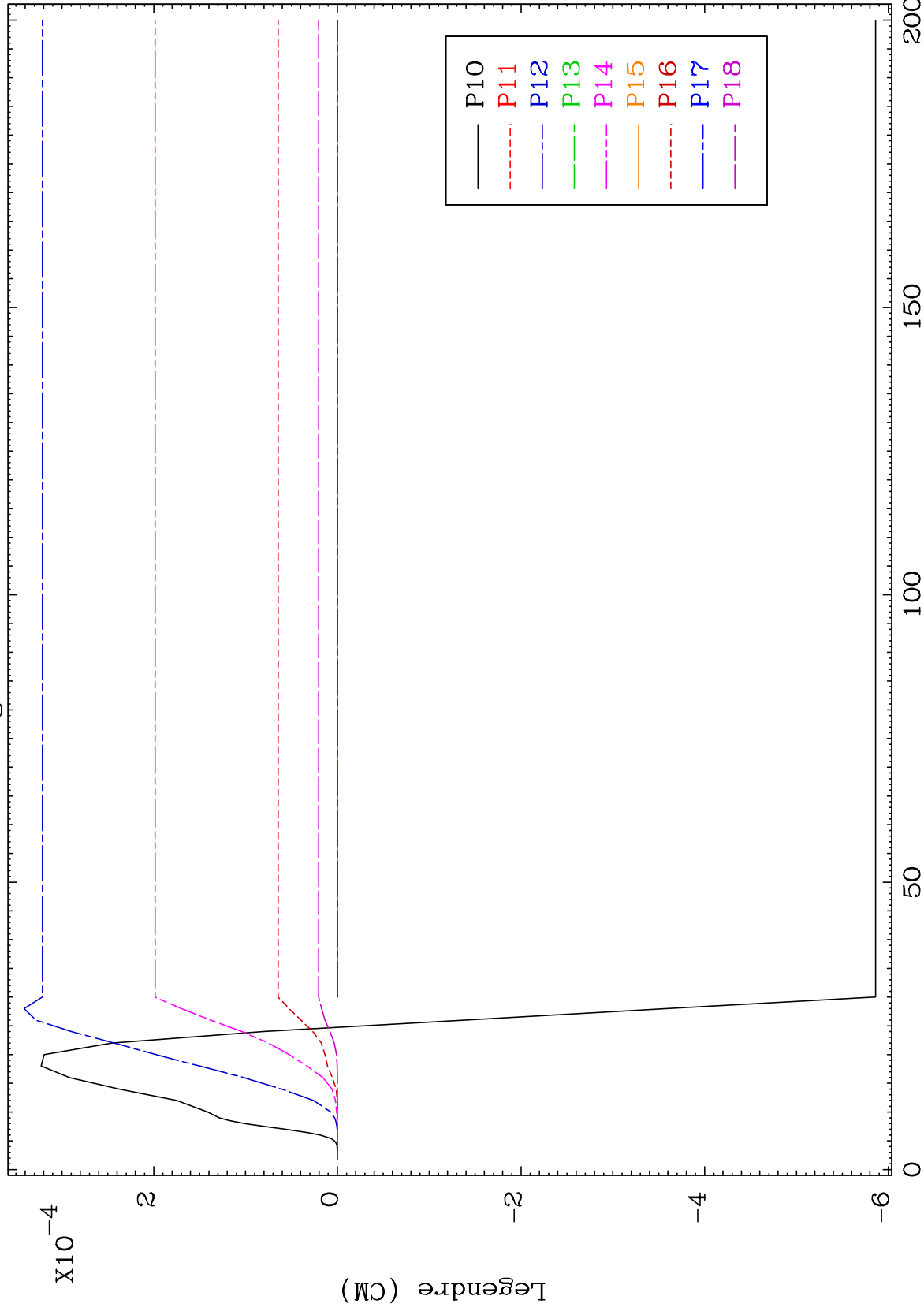
Incident Energy (MeV)

40

MAT 5952

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

59-Pr-150



41

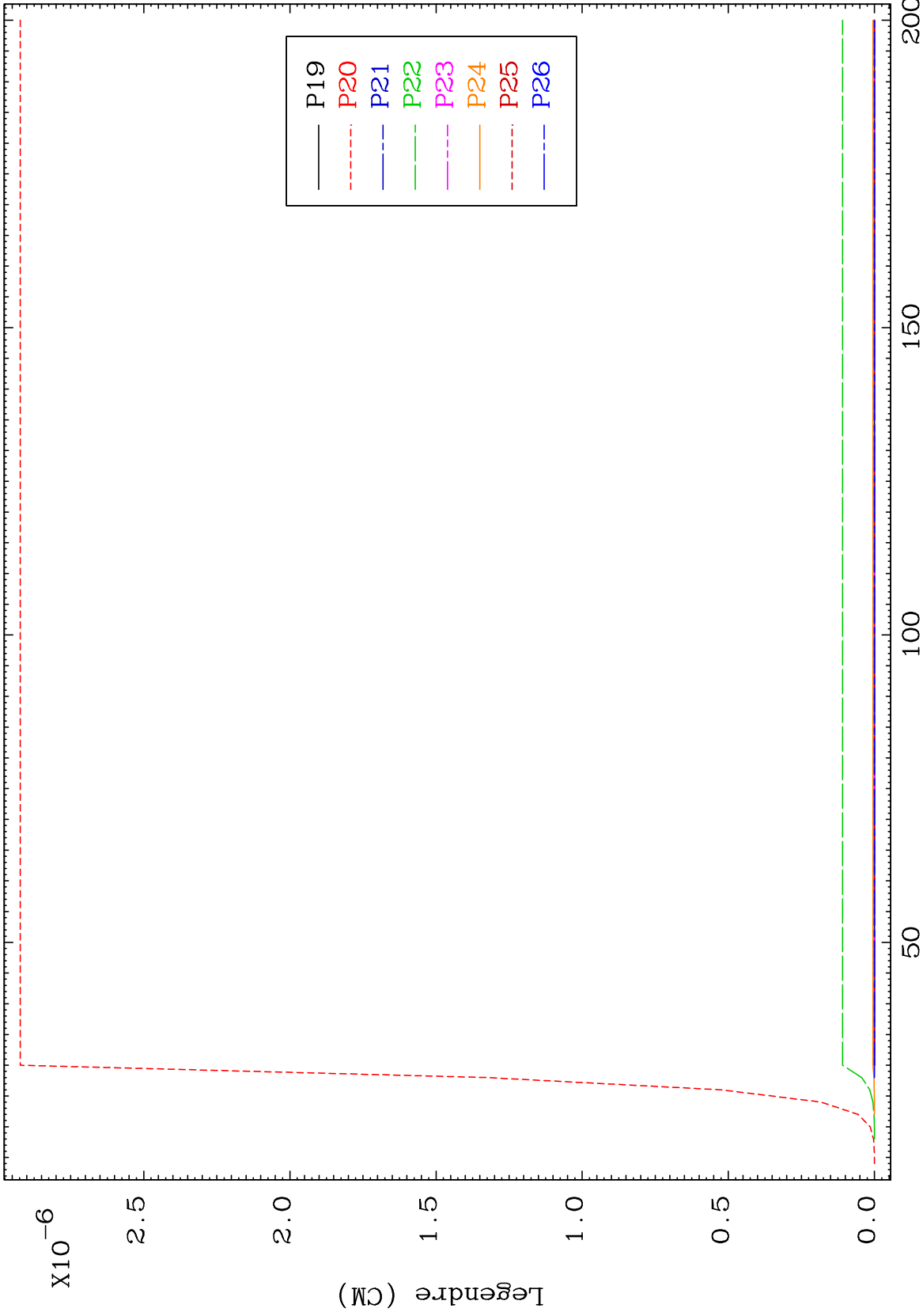
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



42

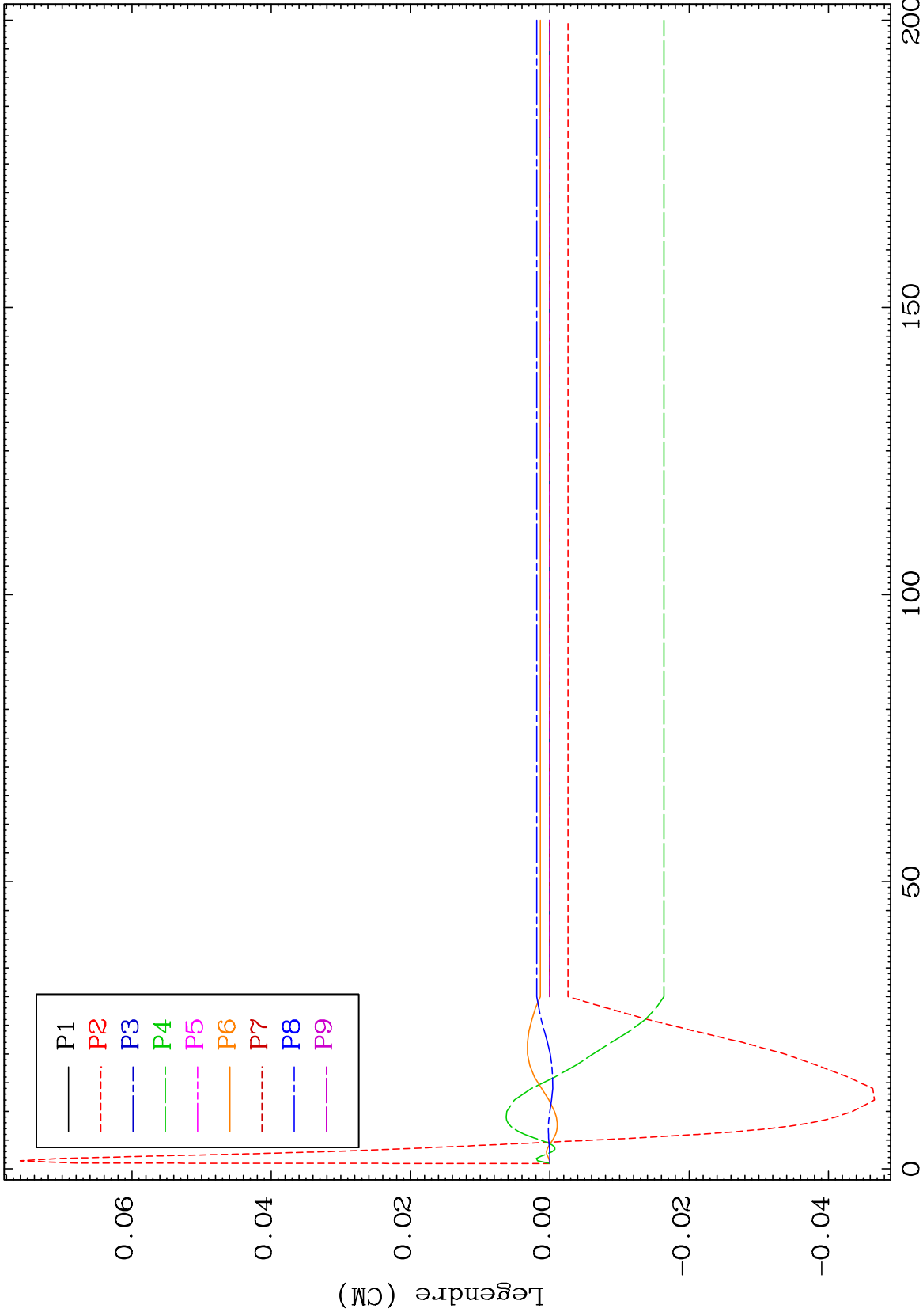
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



43

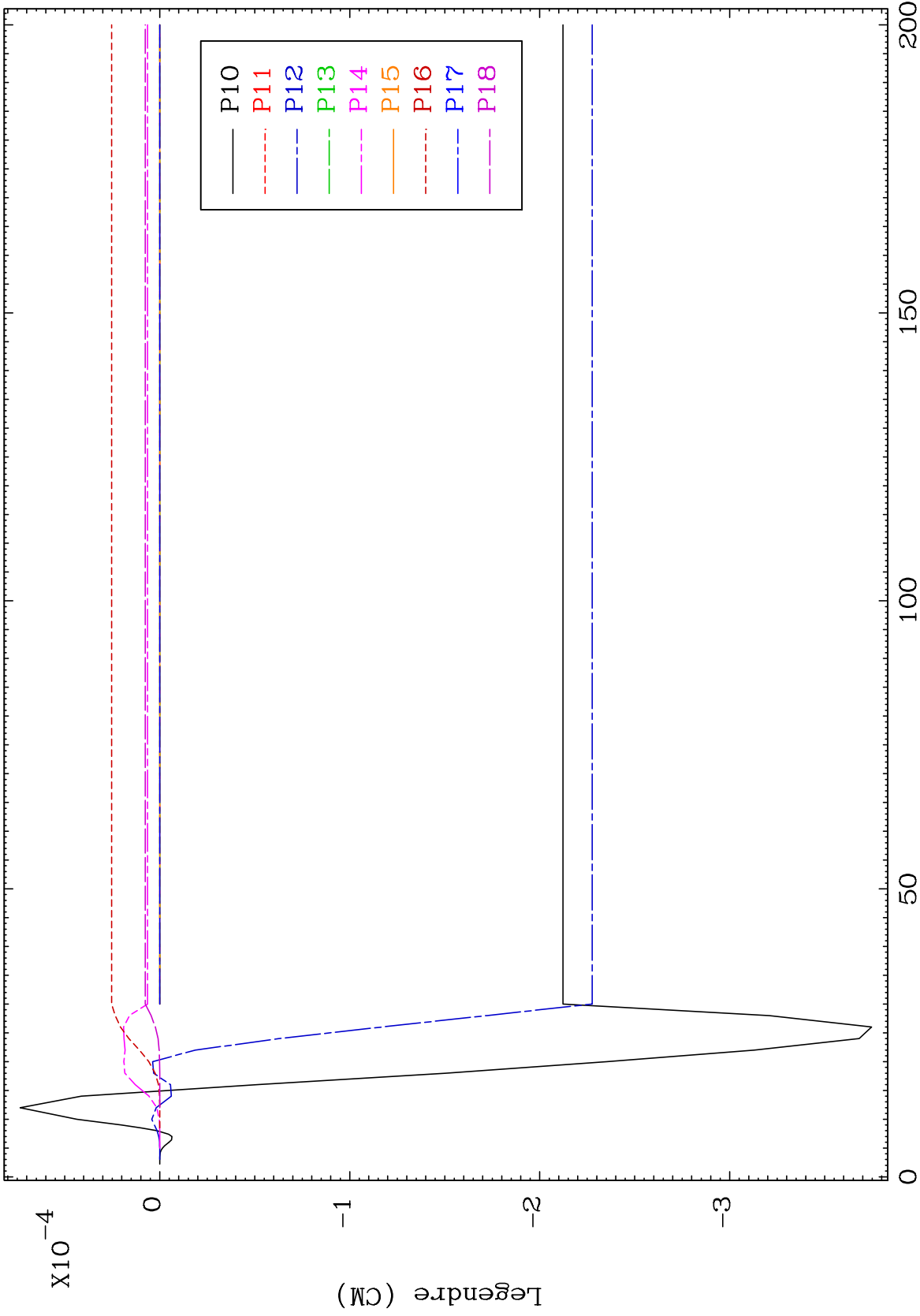
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



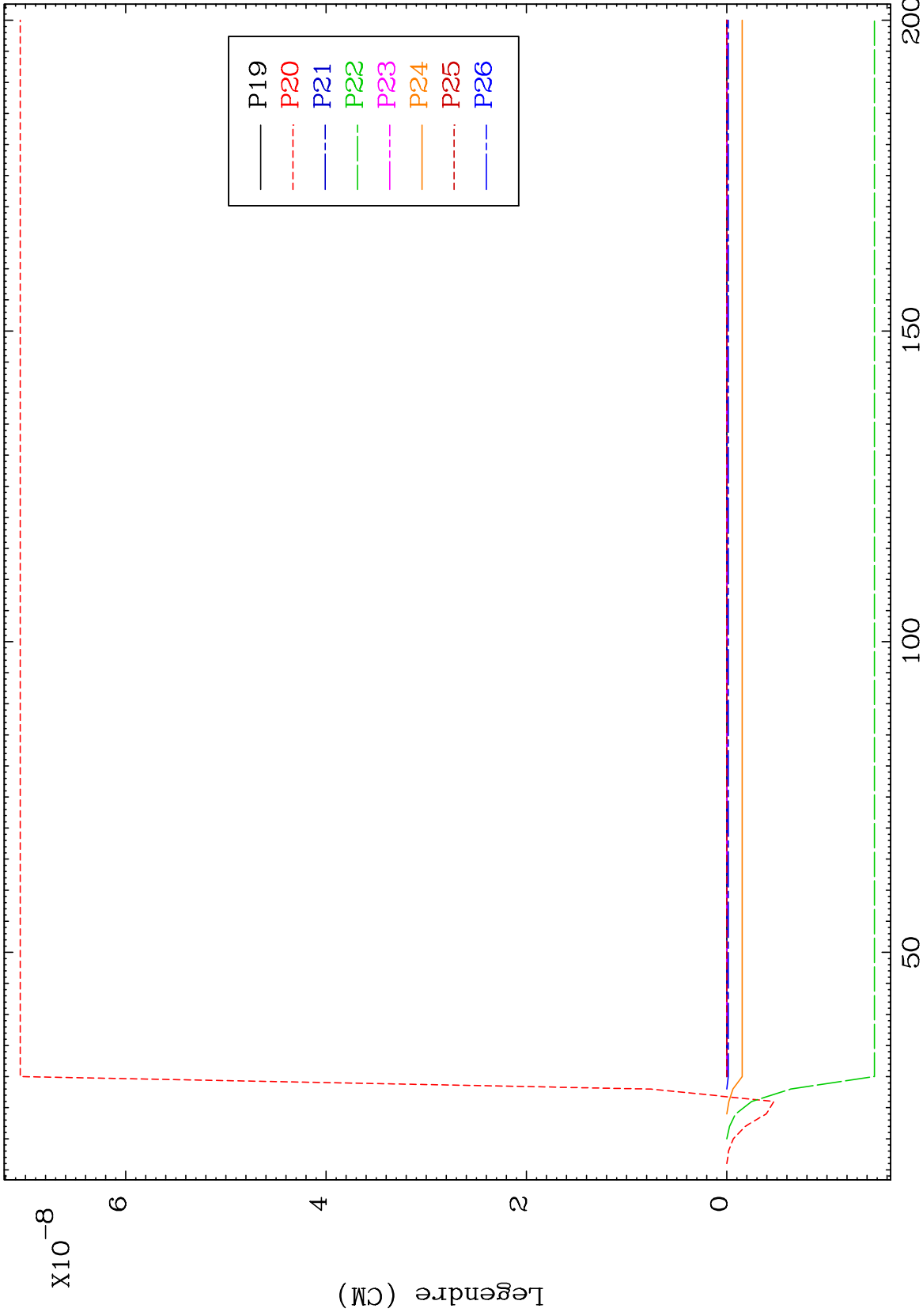
44

59-Pr-150

MAT 5952

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

59-Pr-150



45

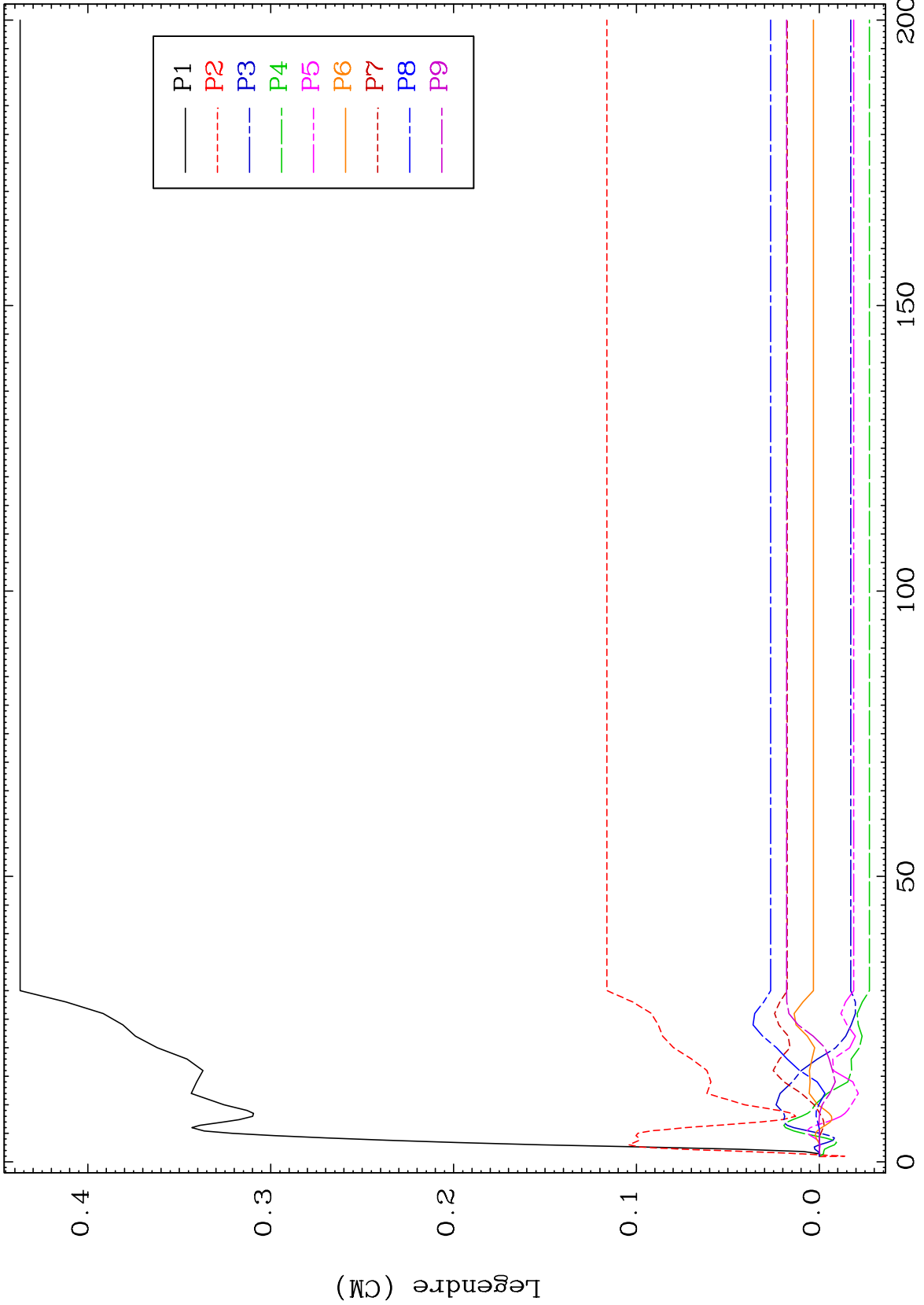
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



46

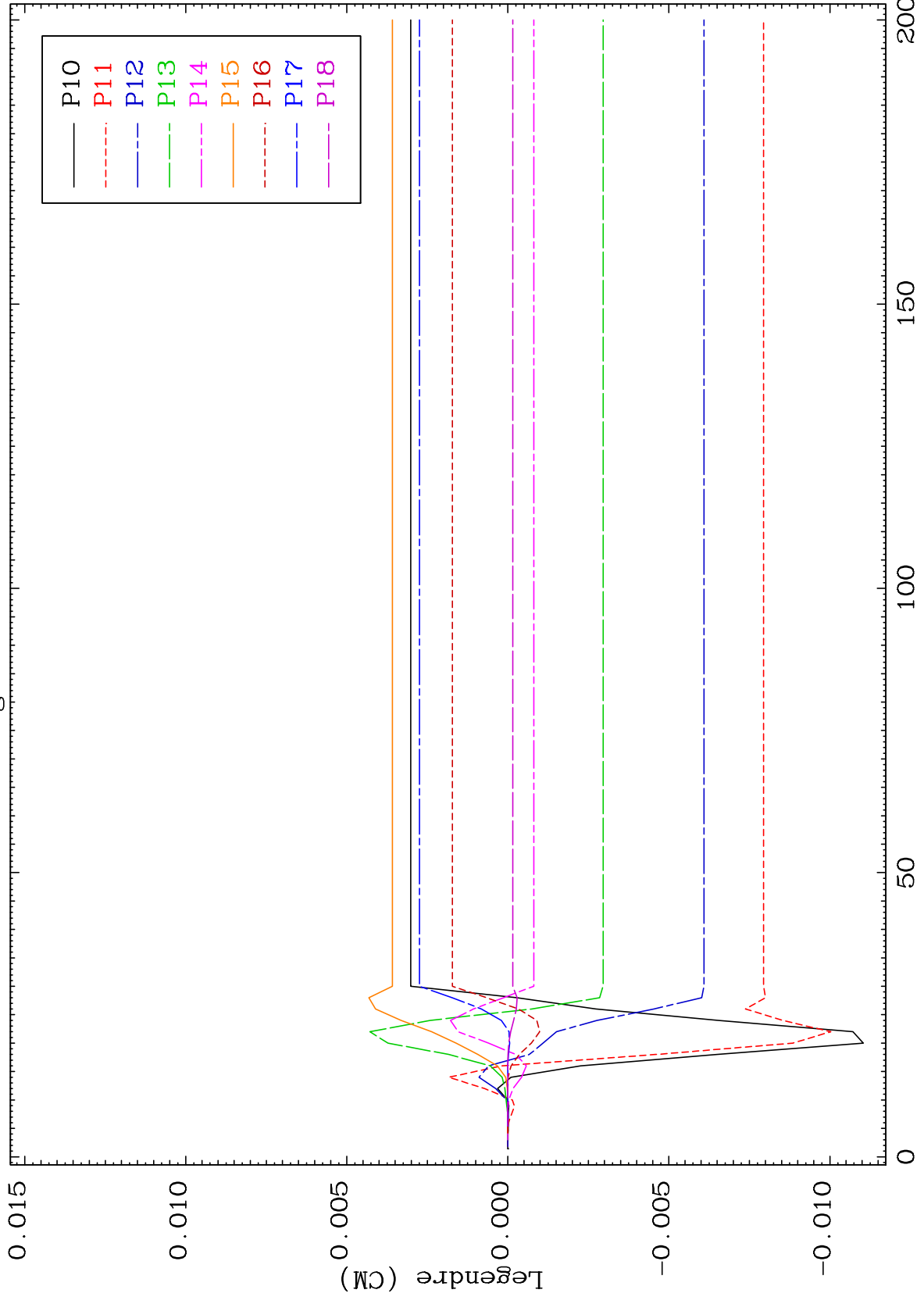
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



47

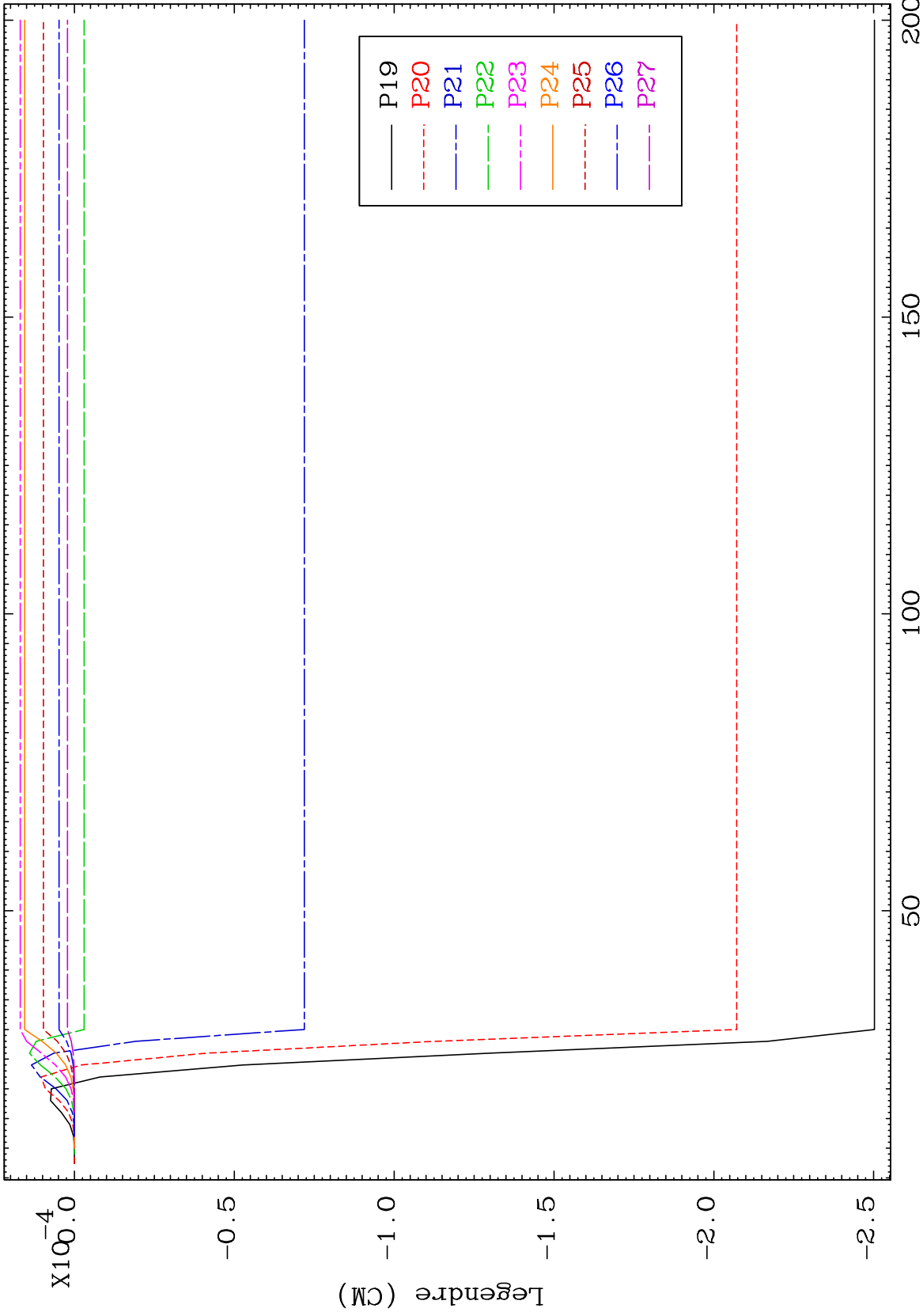
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



48

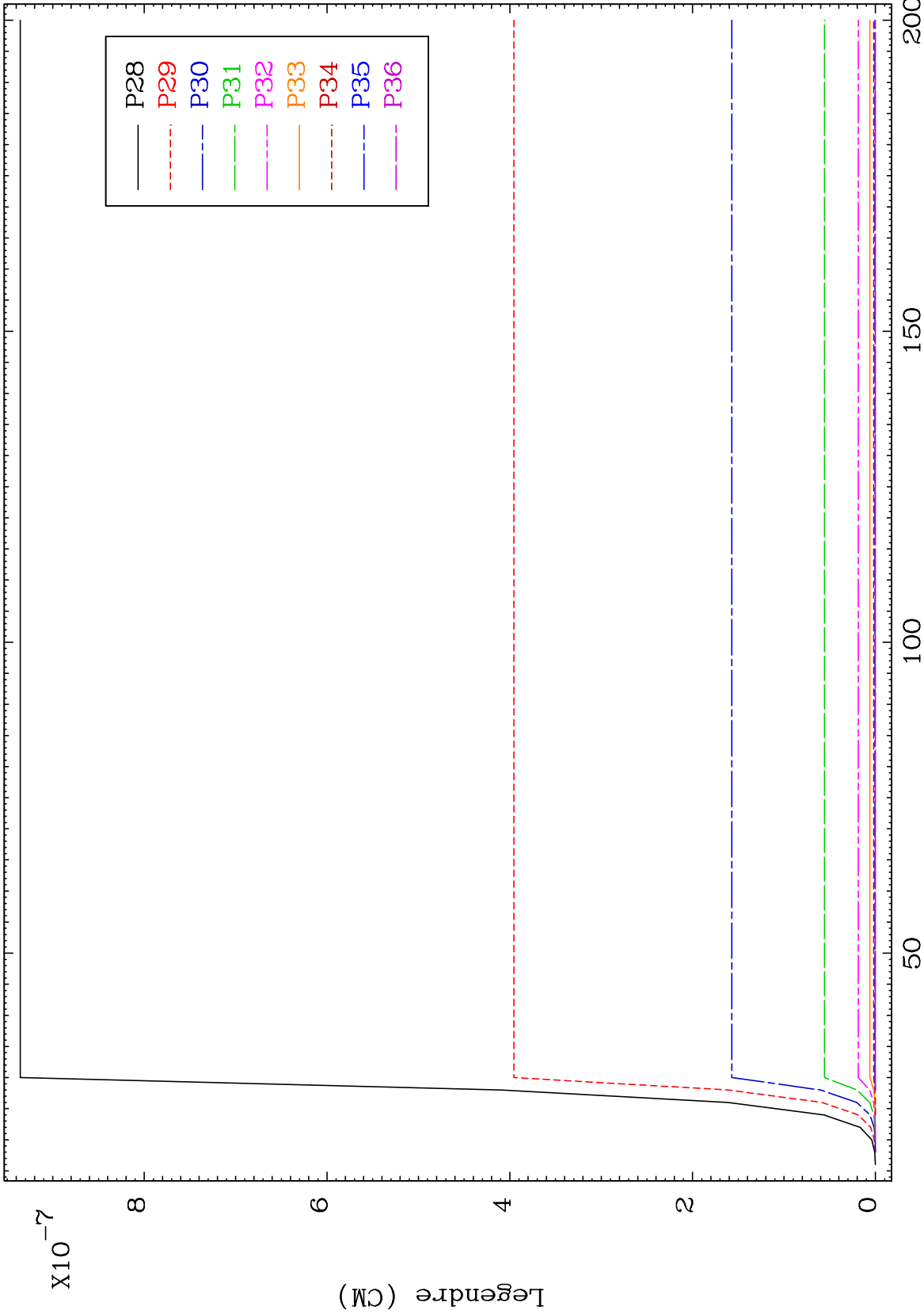
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150

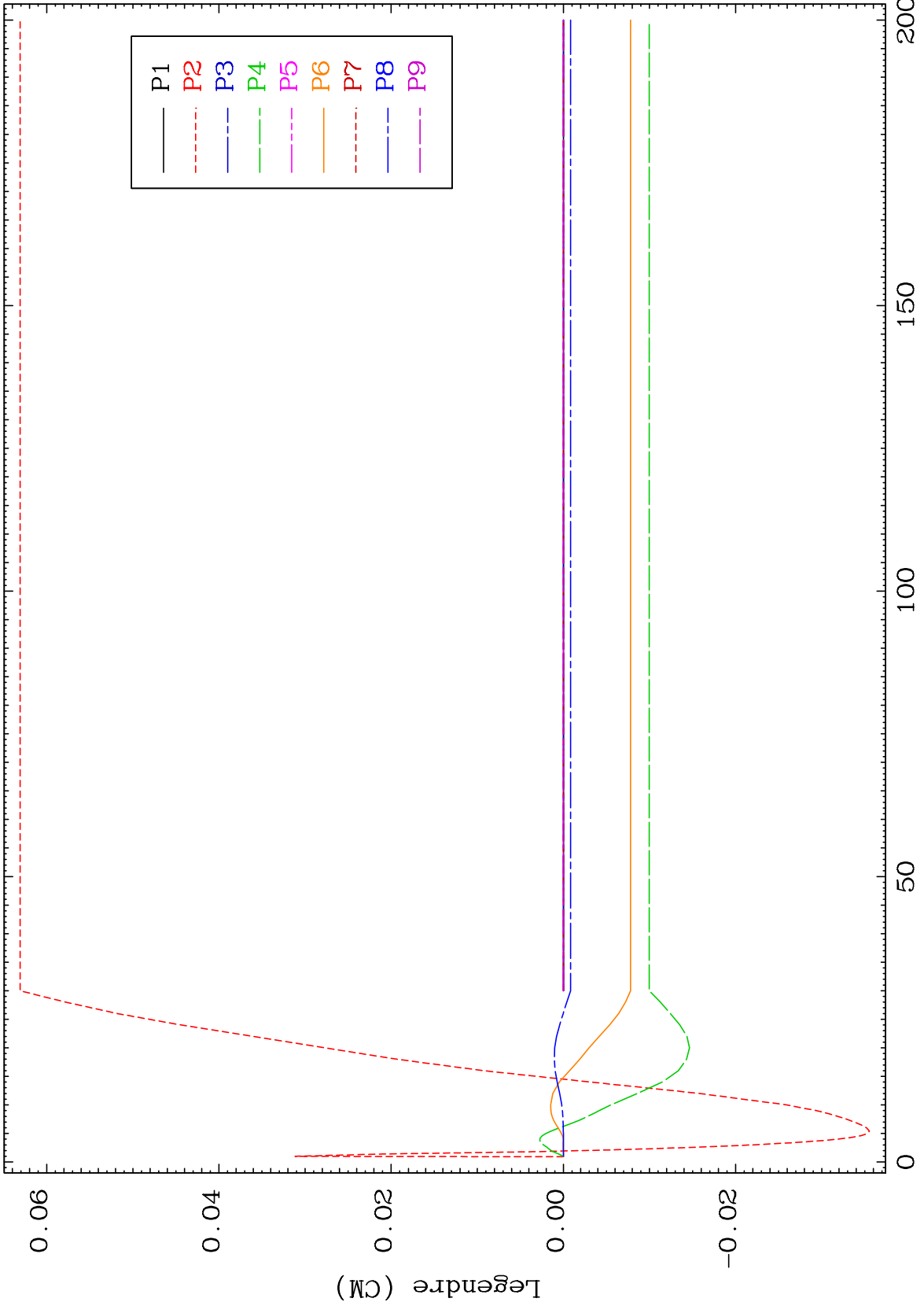


49

Incident Energy (MeV)

59-Pr-150

MAT 5952 MT= 60 (n,n') Level Legendre Coefficients 59-Pr-150

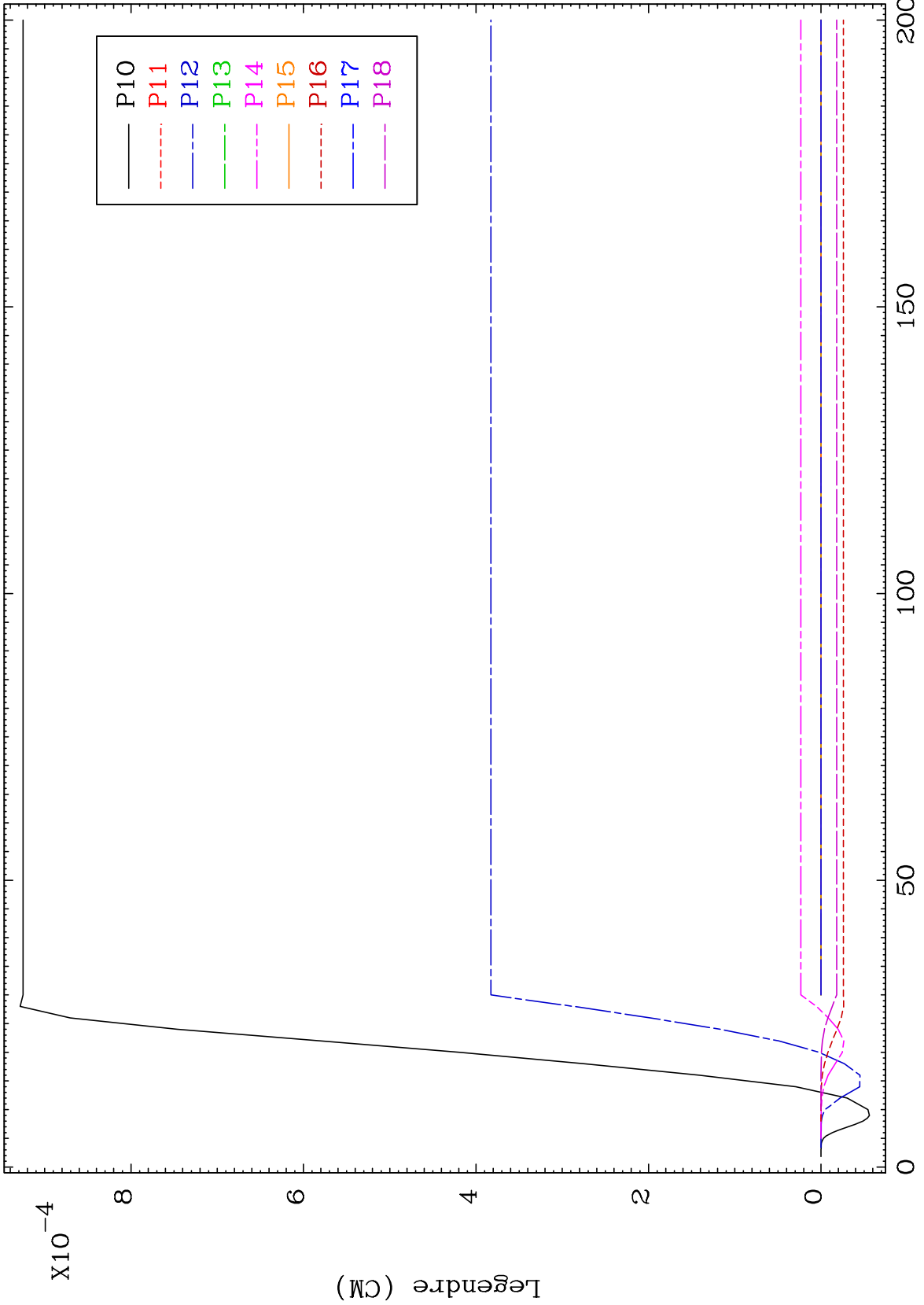


59-Pr-150

MAT 5952

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

59-Pr-150



51

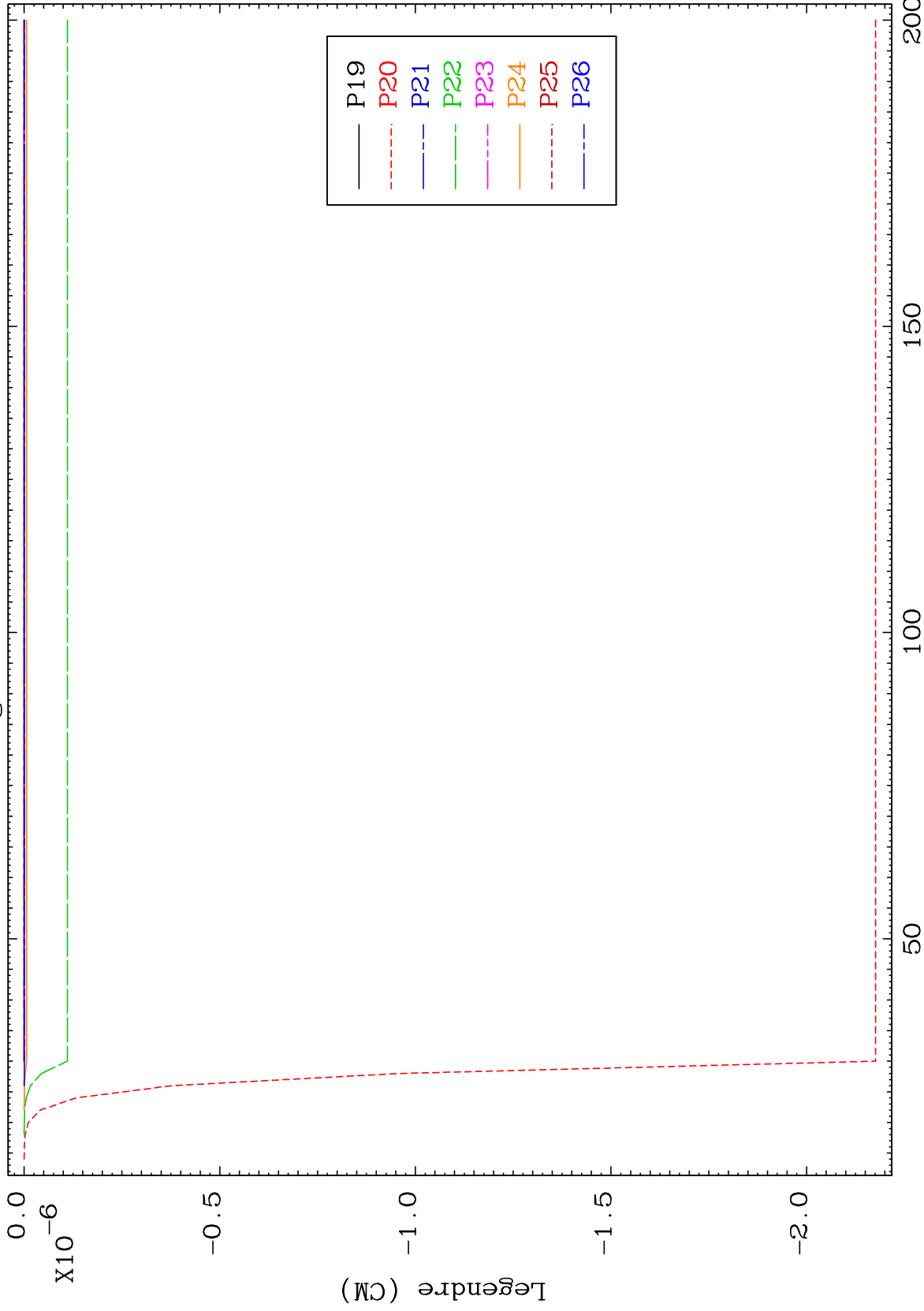
Incident Energy (MeV)

59-Pr-150

MAT 5952 MT= 60 (n,n') Level

59-Pr-150

Legendre Coefficients



59-Pr-150

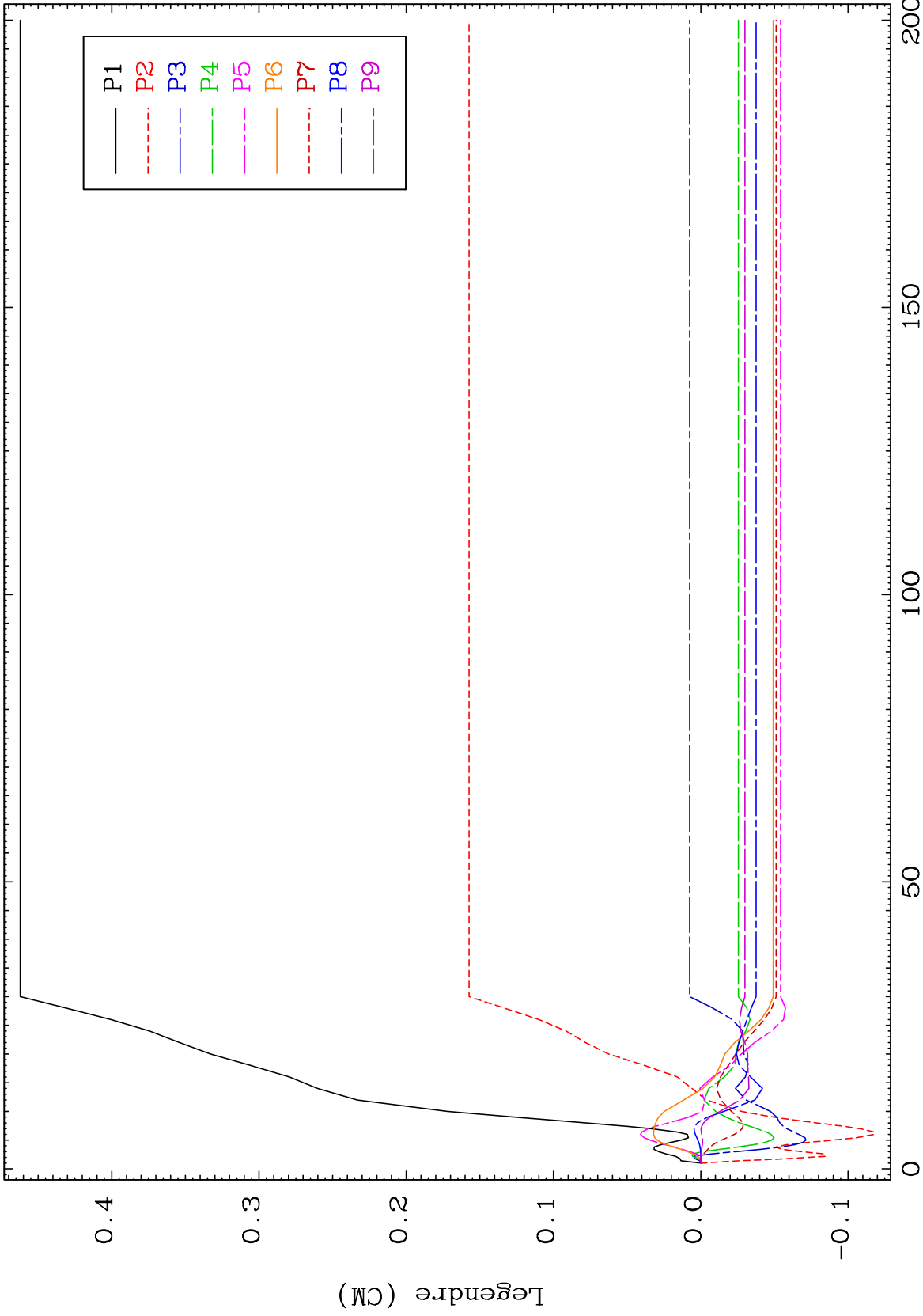
Incident Energy (MeV)

52

MAT 5952

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

59-Pr-150



53

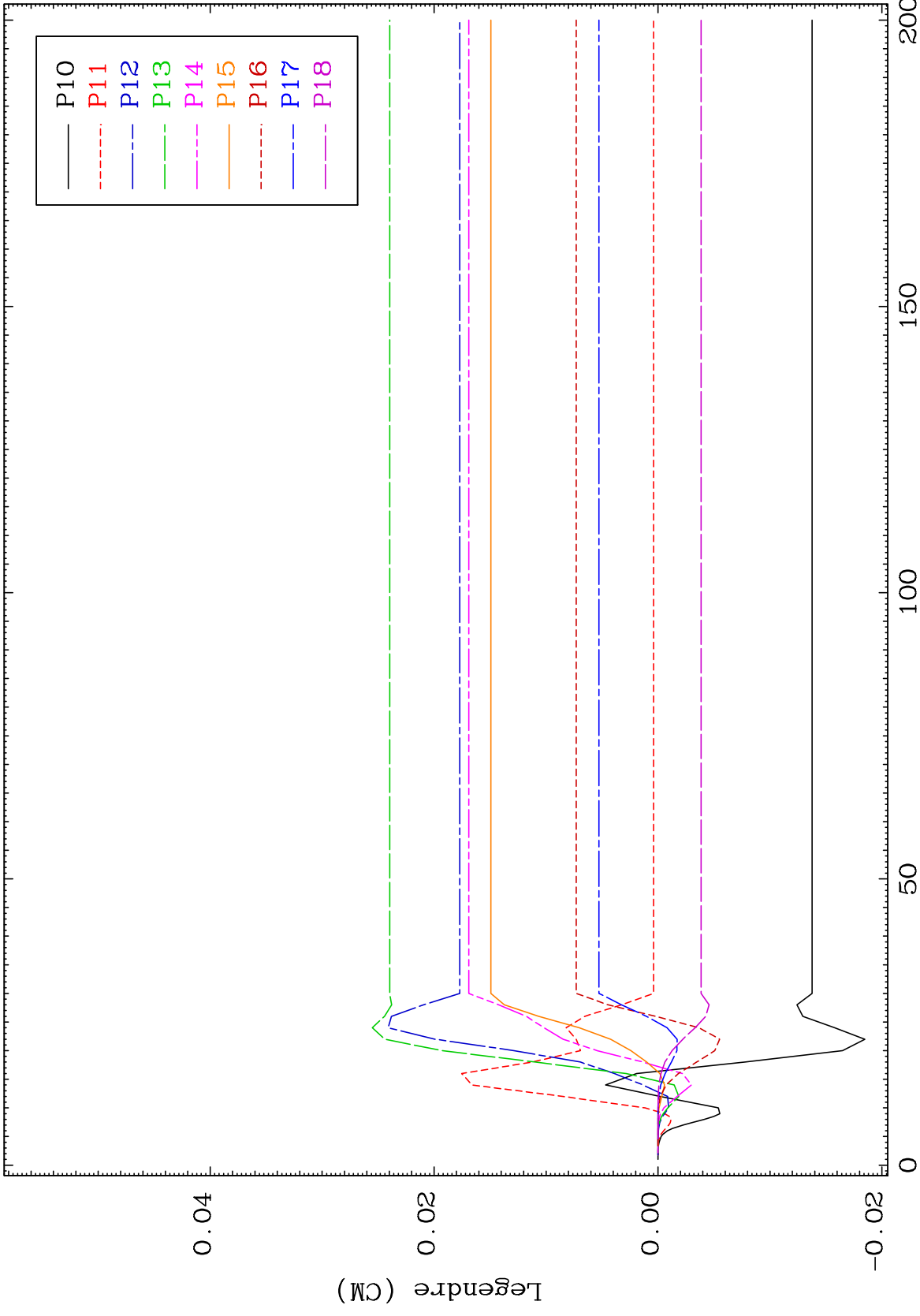
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



54

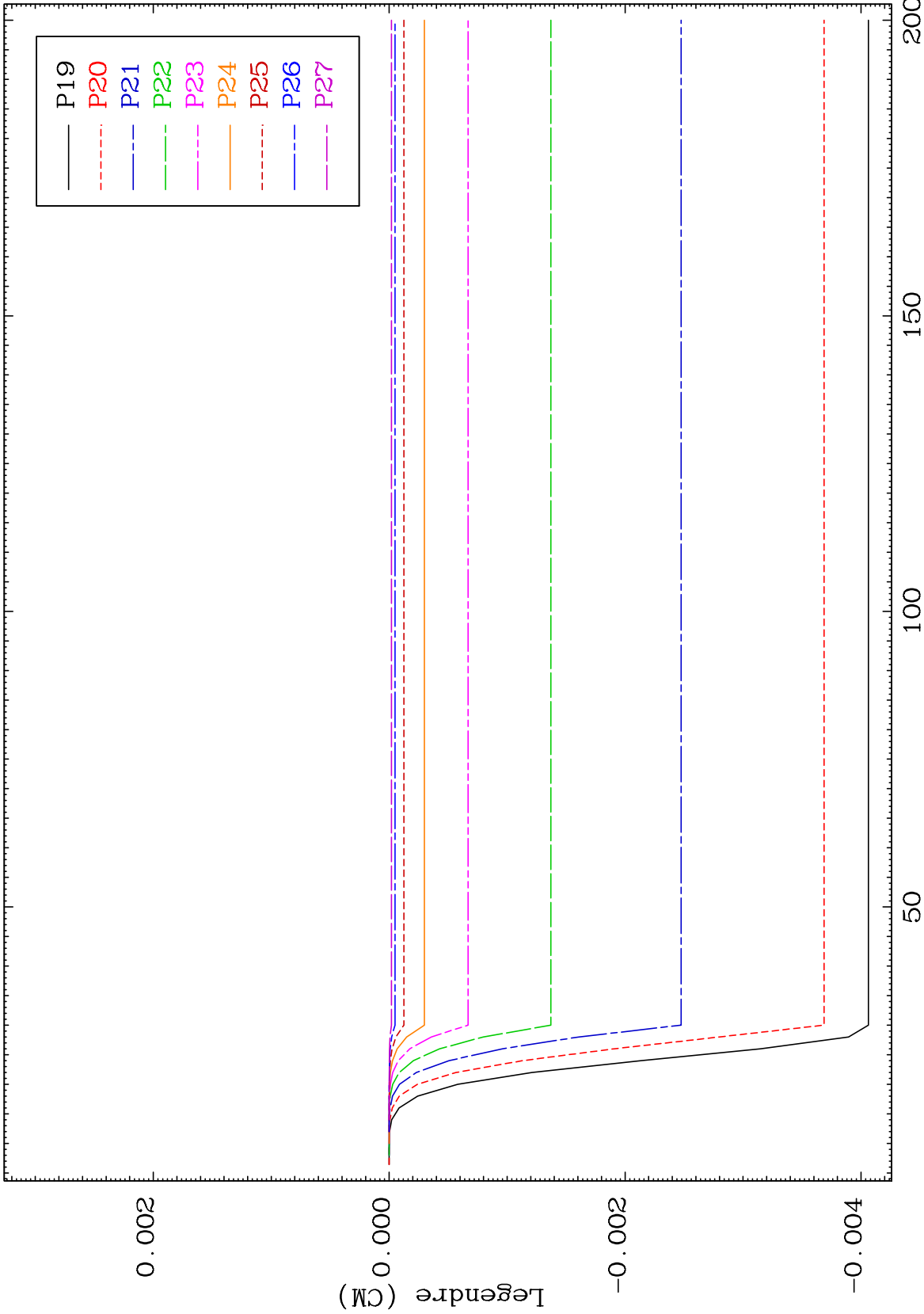
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150

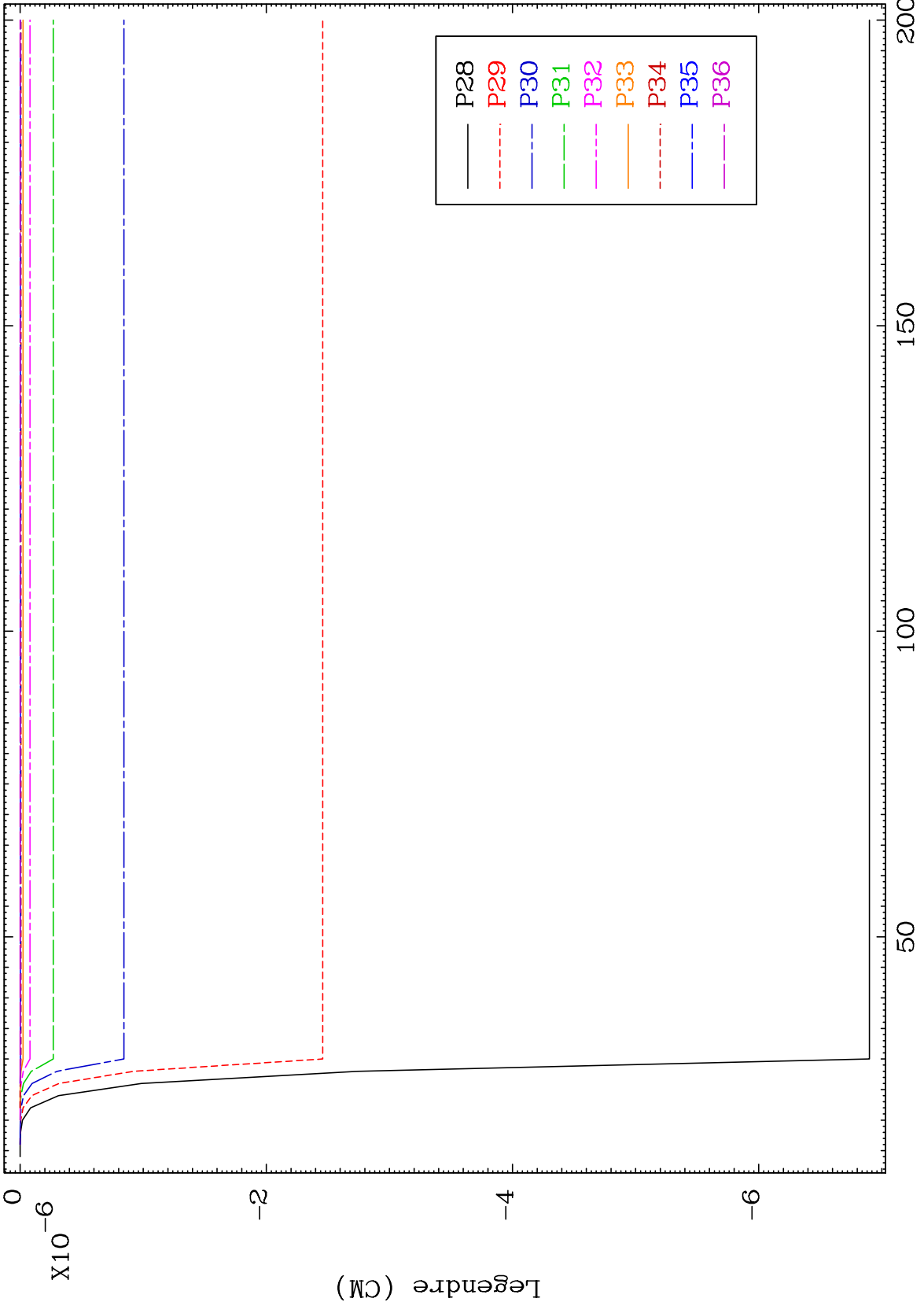


55

Incident Energy (MeV)

59-Pr-150

MAT 5952 MT= 61 (n,n') Level Legendre Coefficients 59-Pr-150

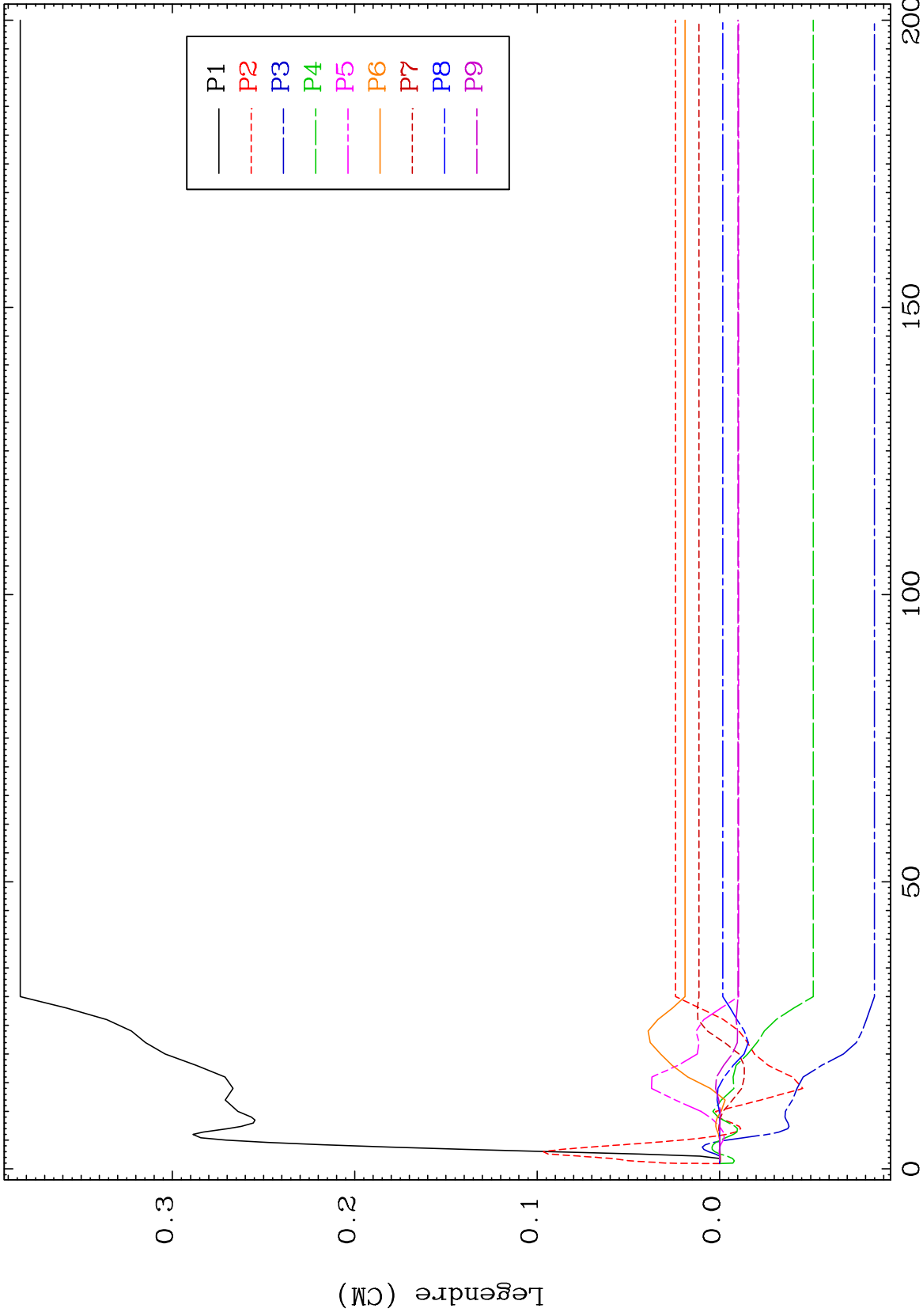


56 59-Pr-150

MAT 5952

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

59-Pr-150



57

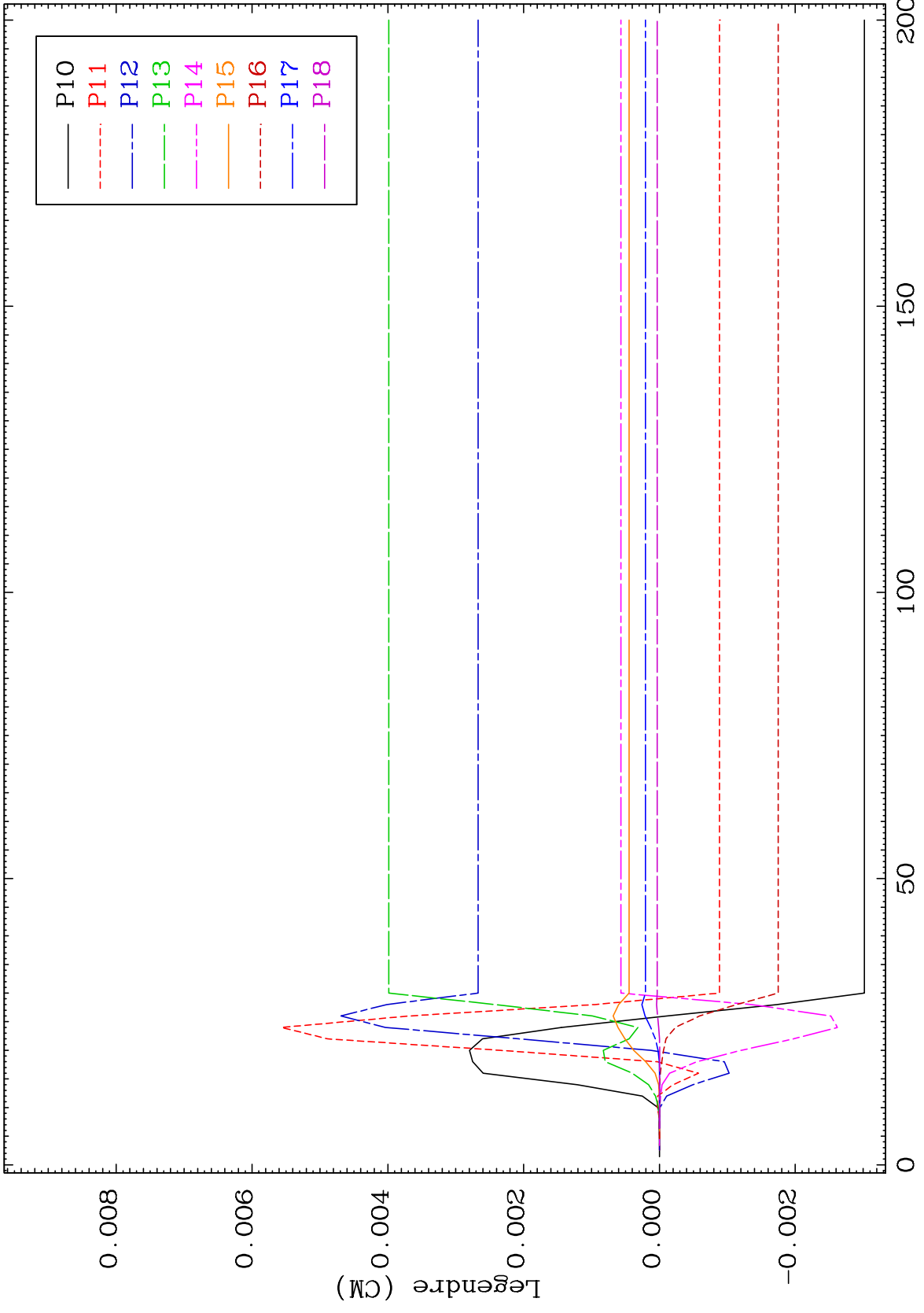
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



58

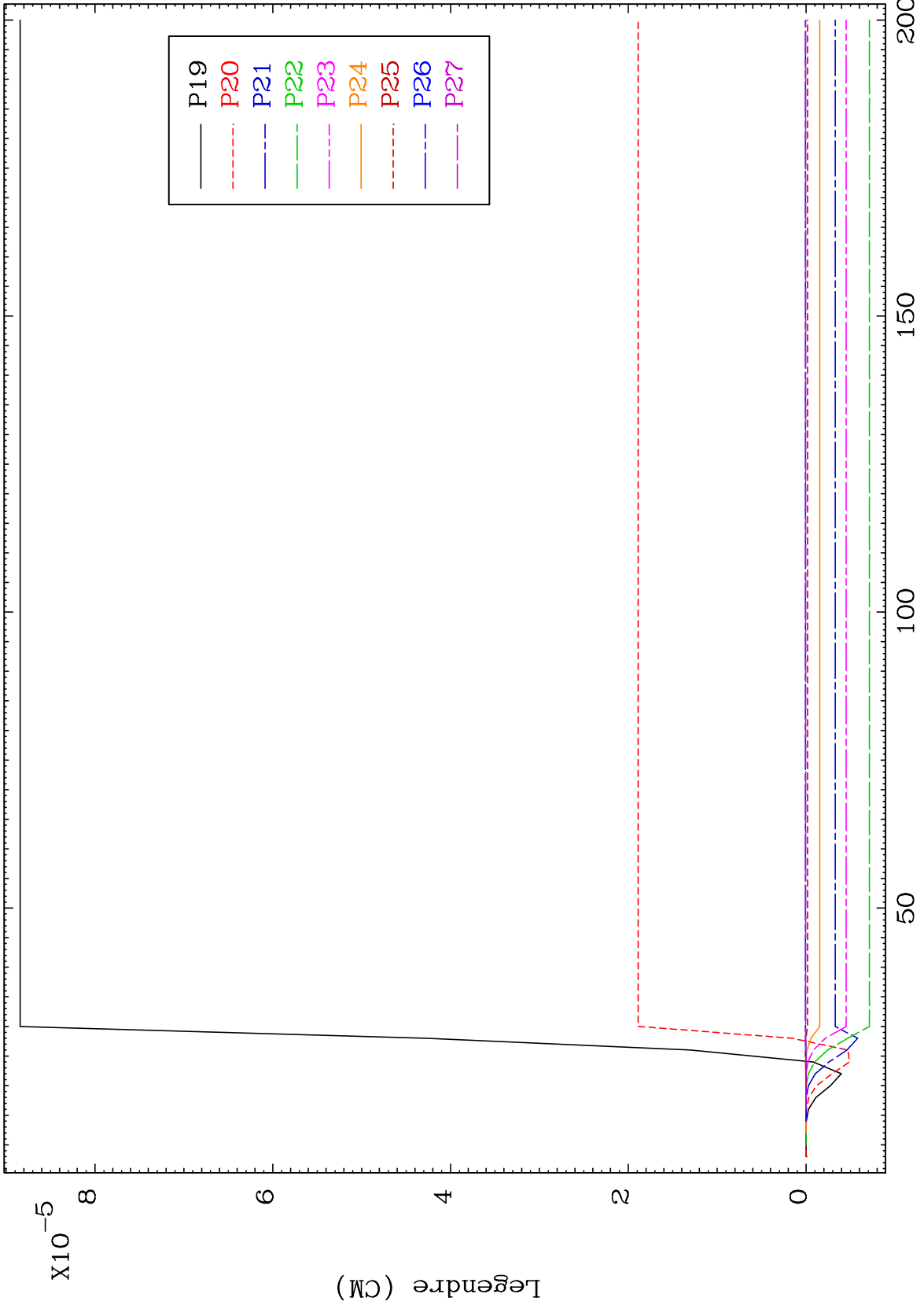
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



59

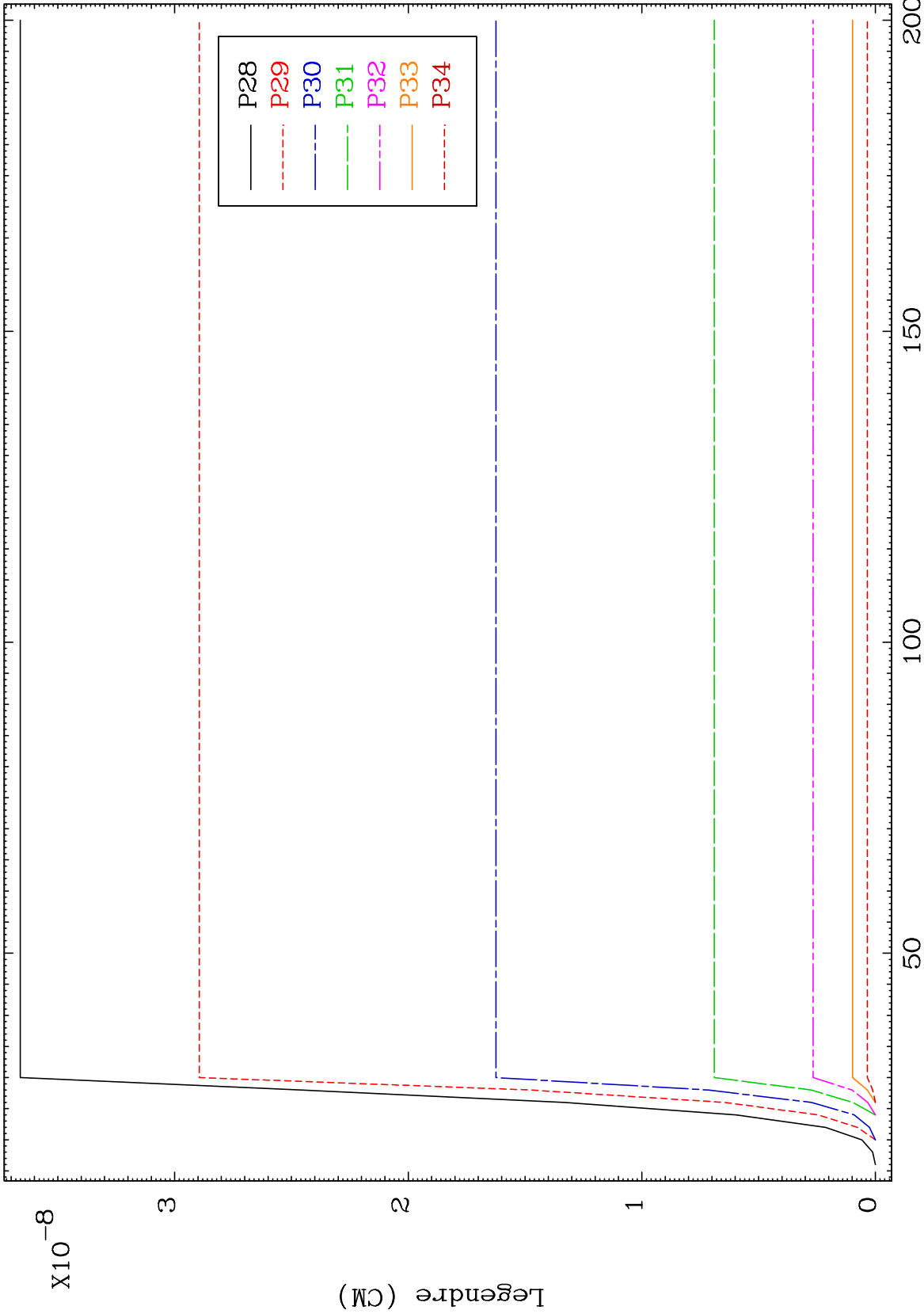
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



60

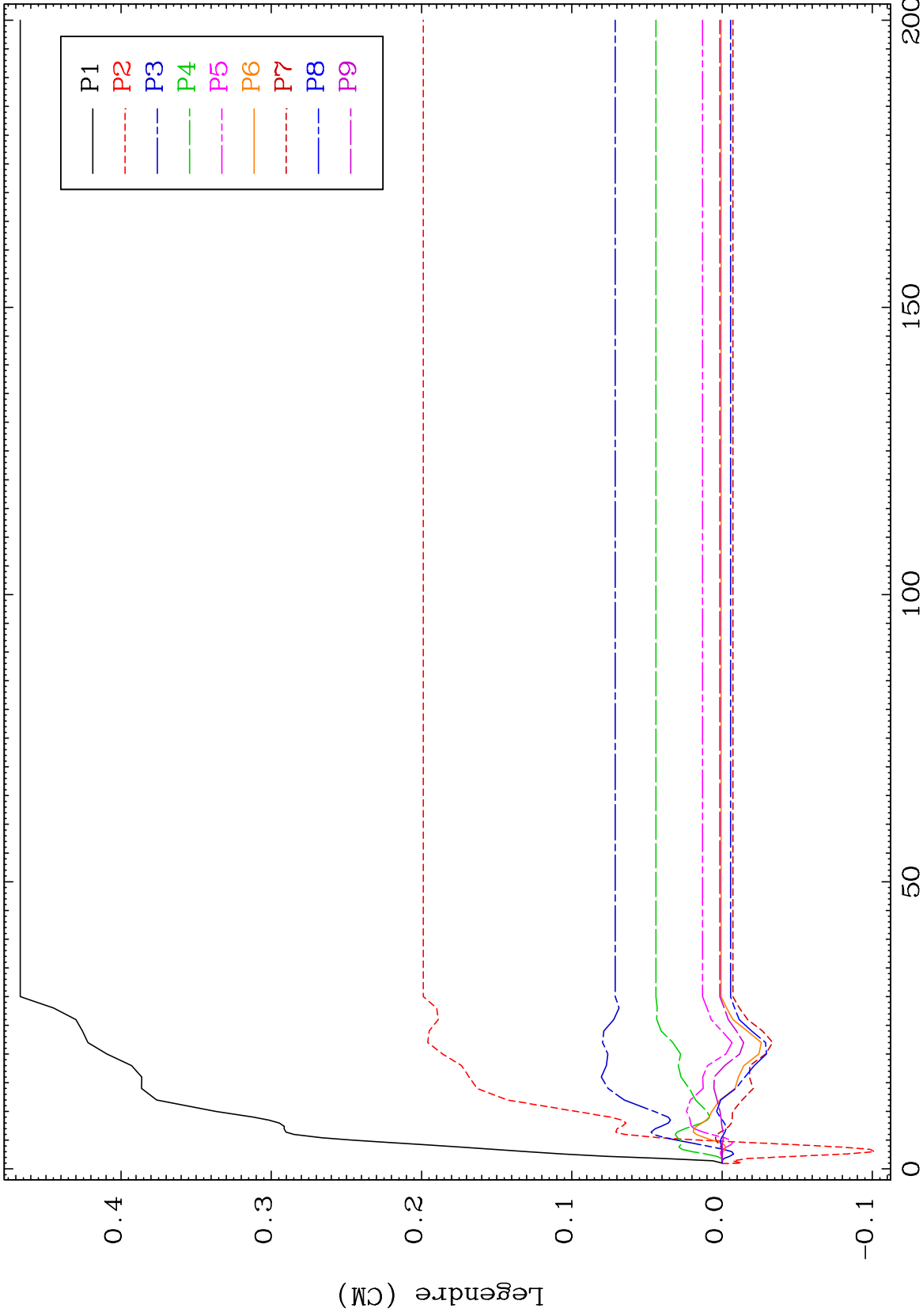
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



61

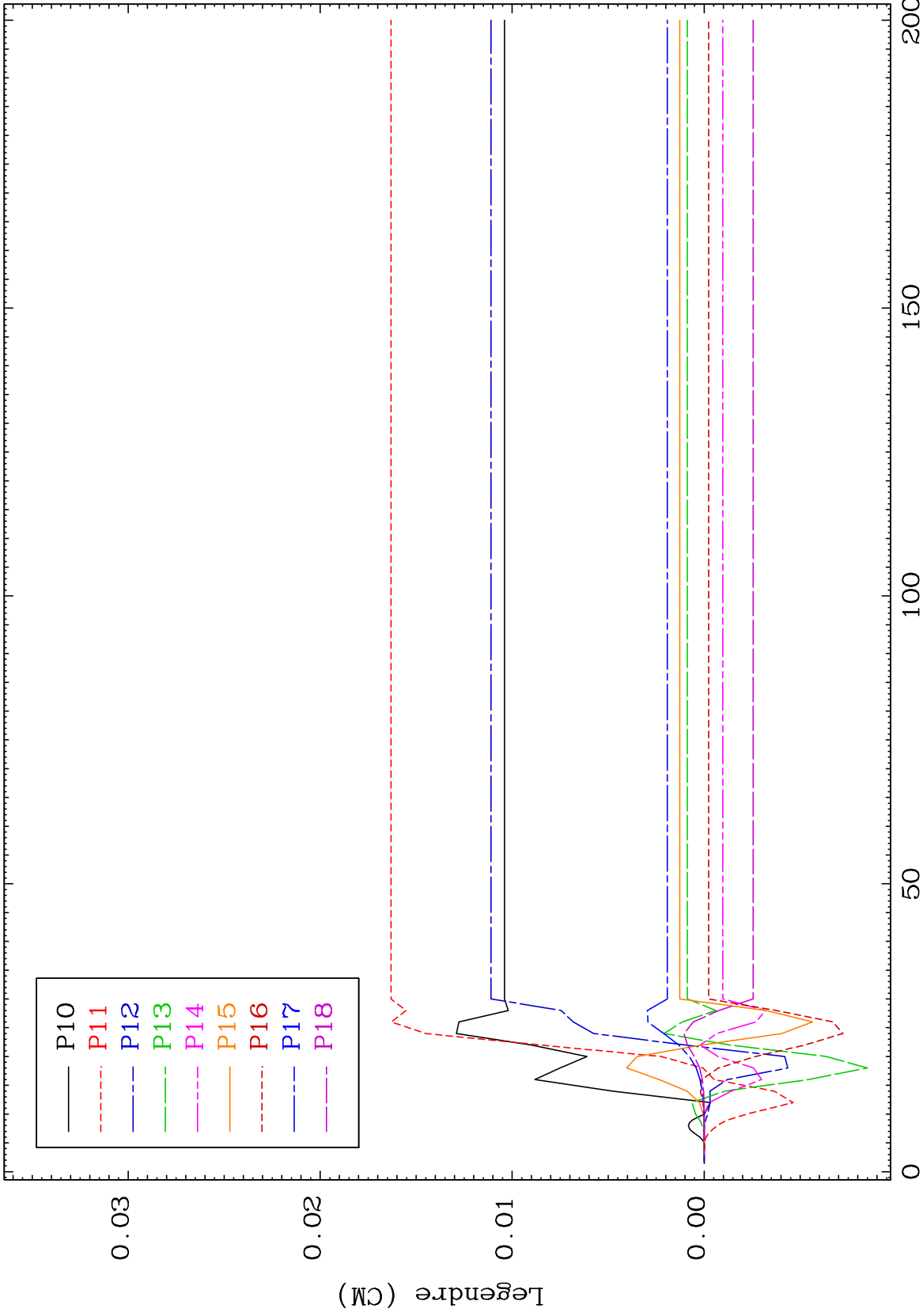
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



62

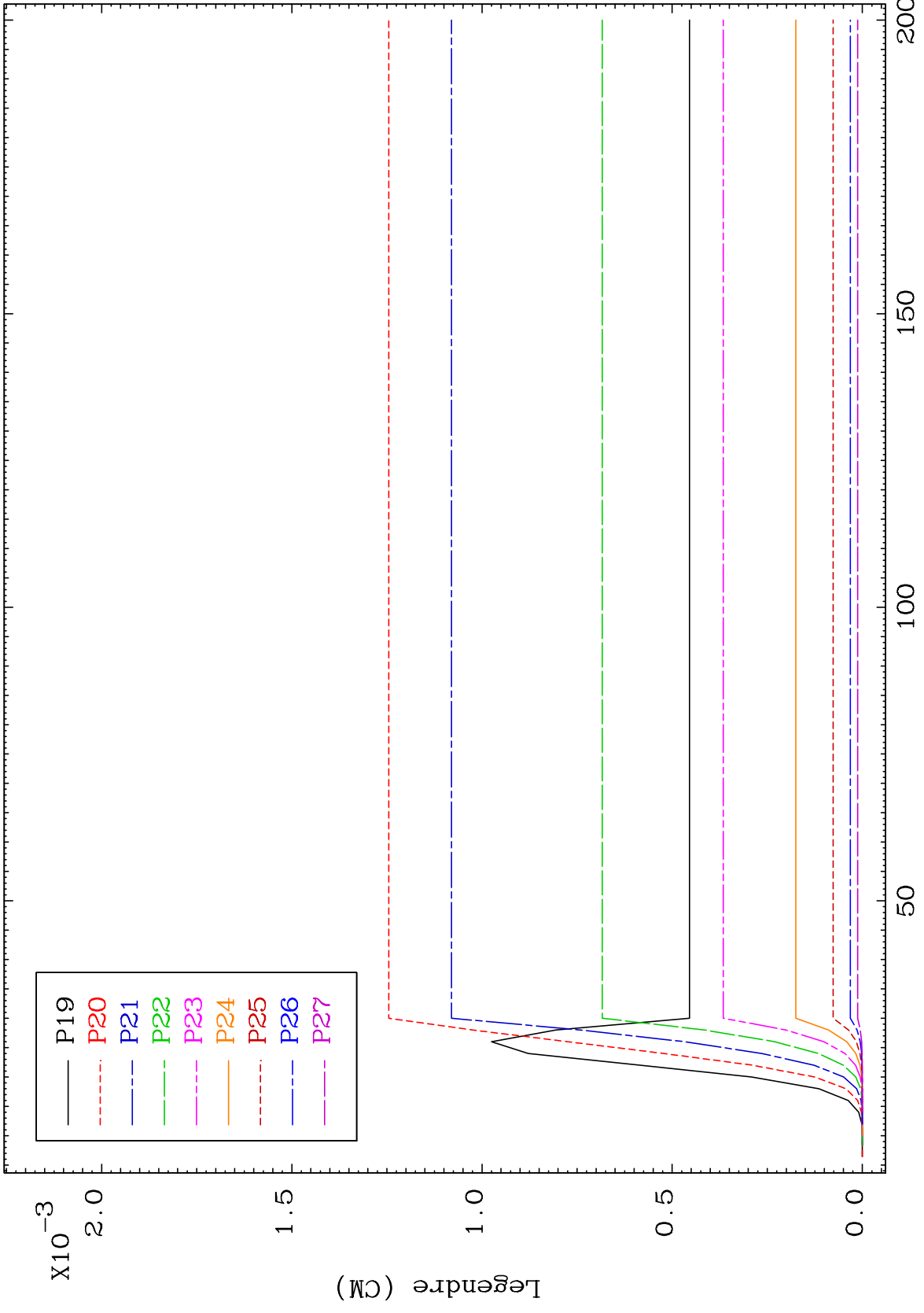
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



63

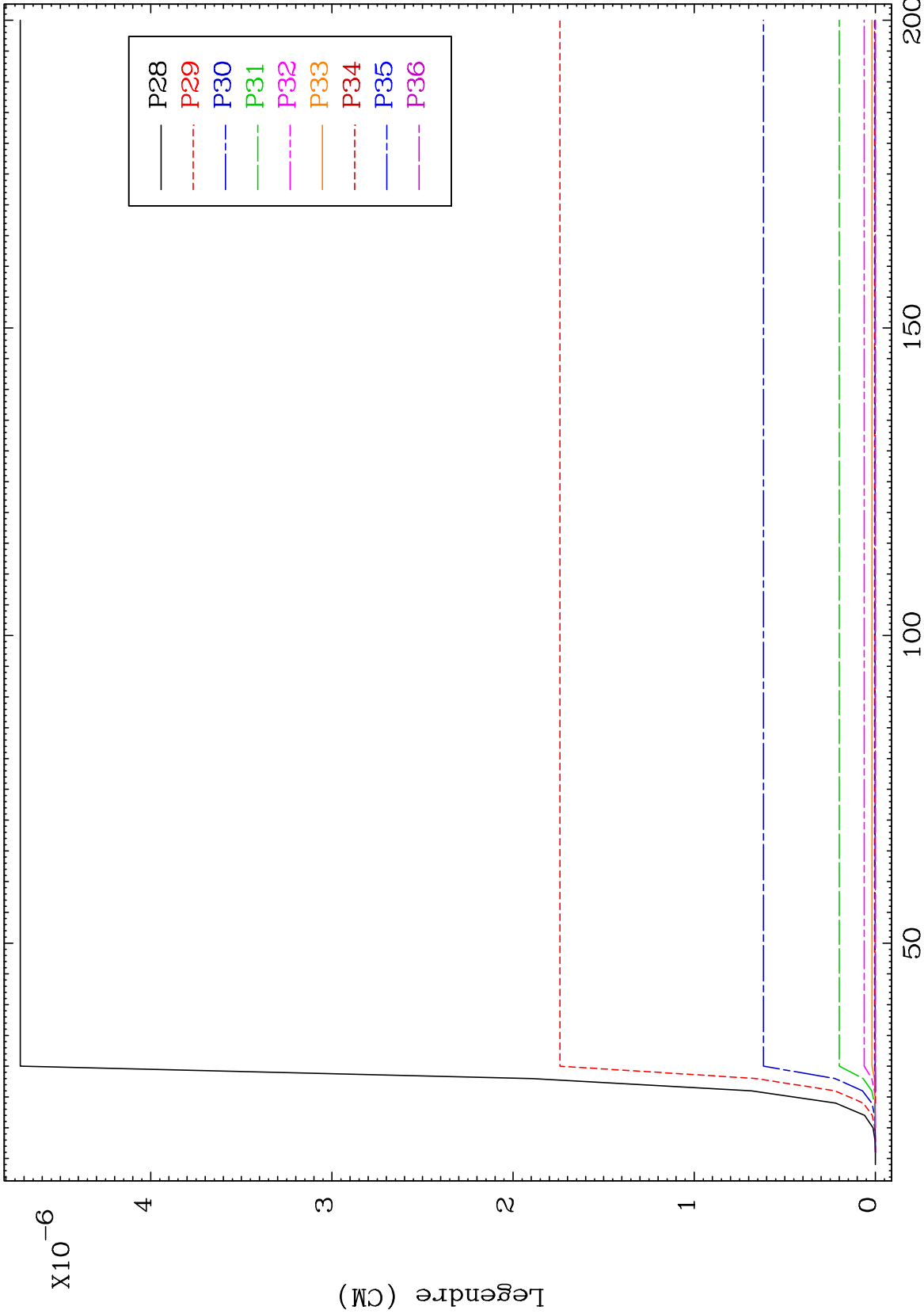
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



64

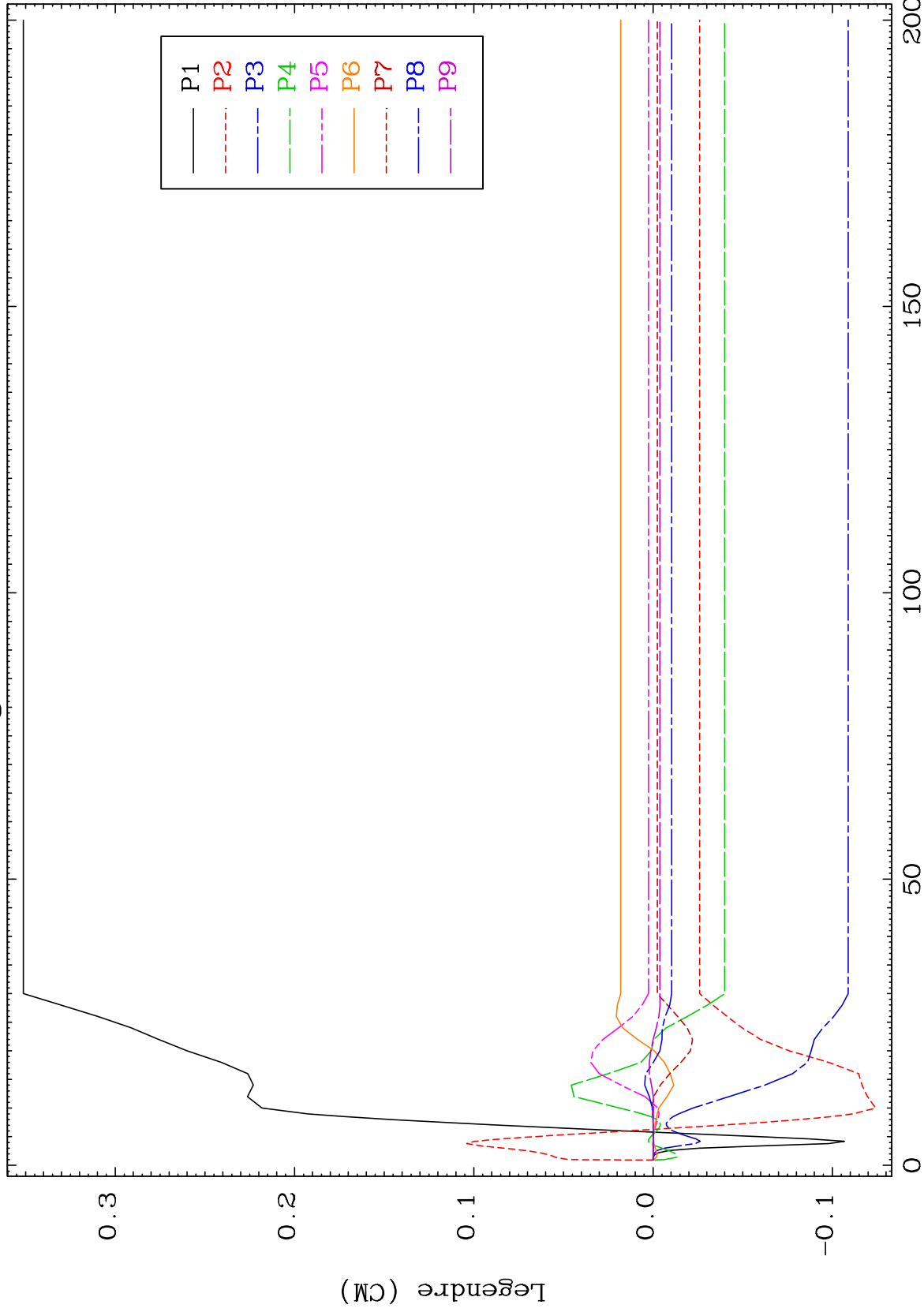
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



65

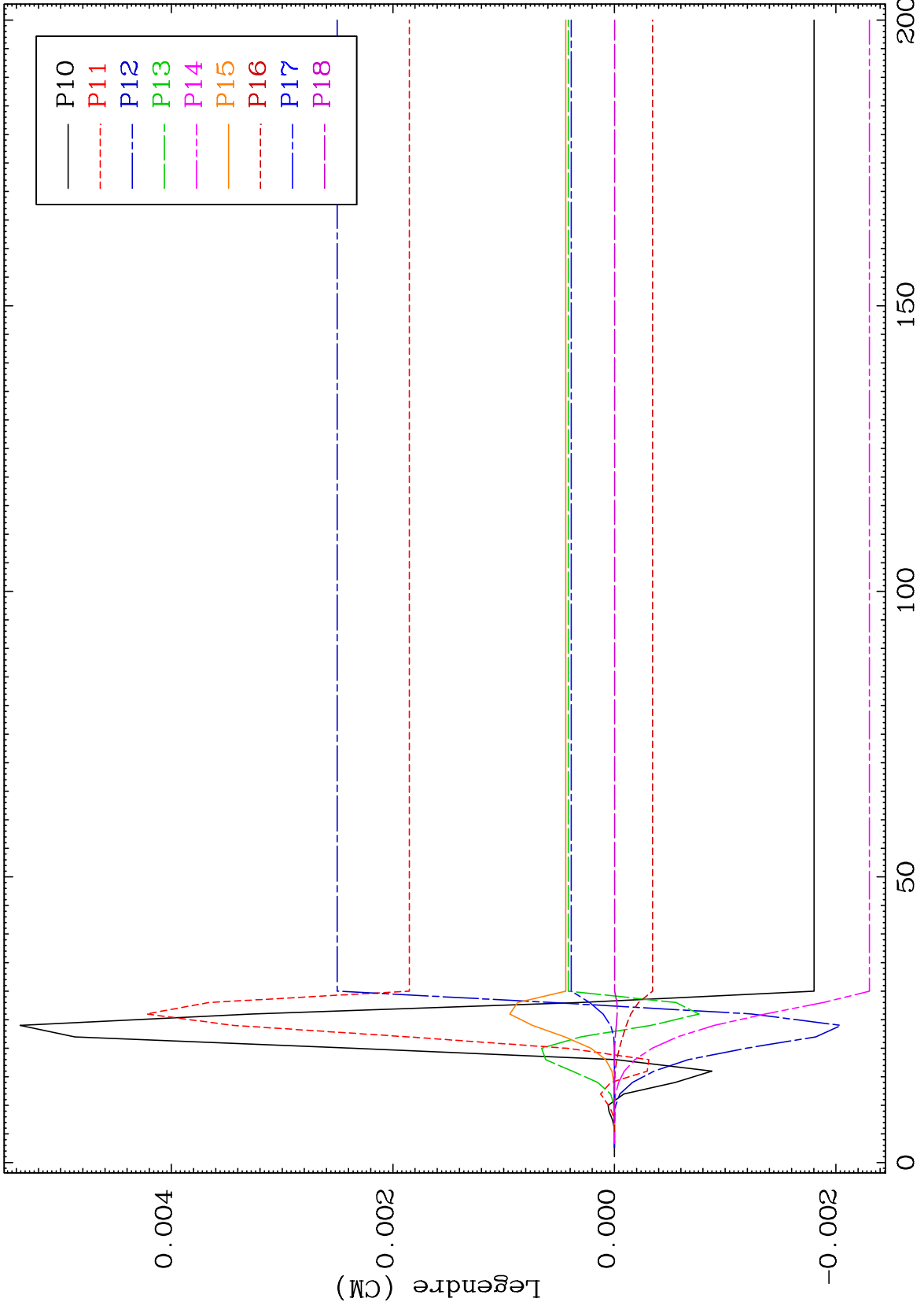
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150

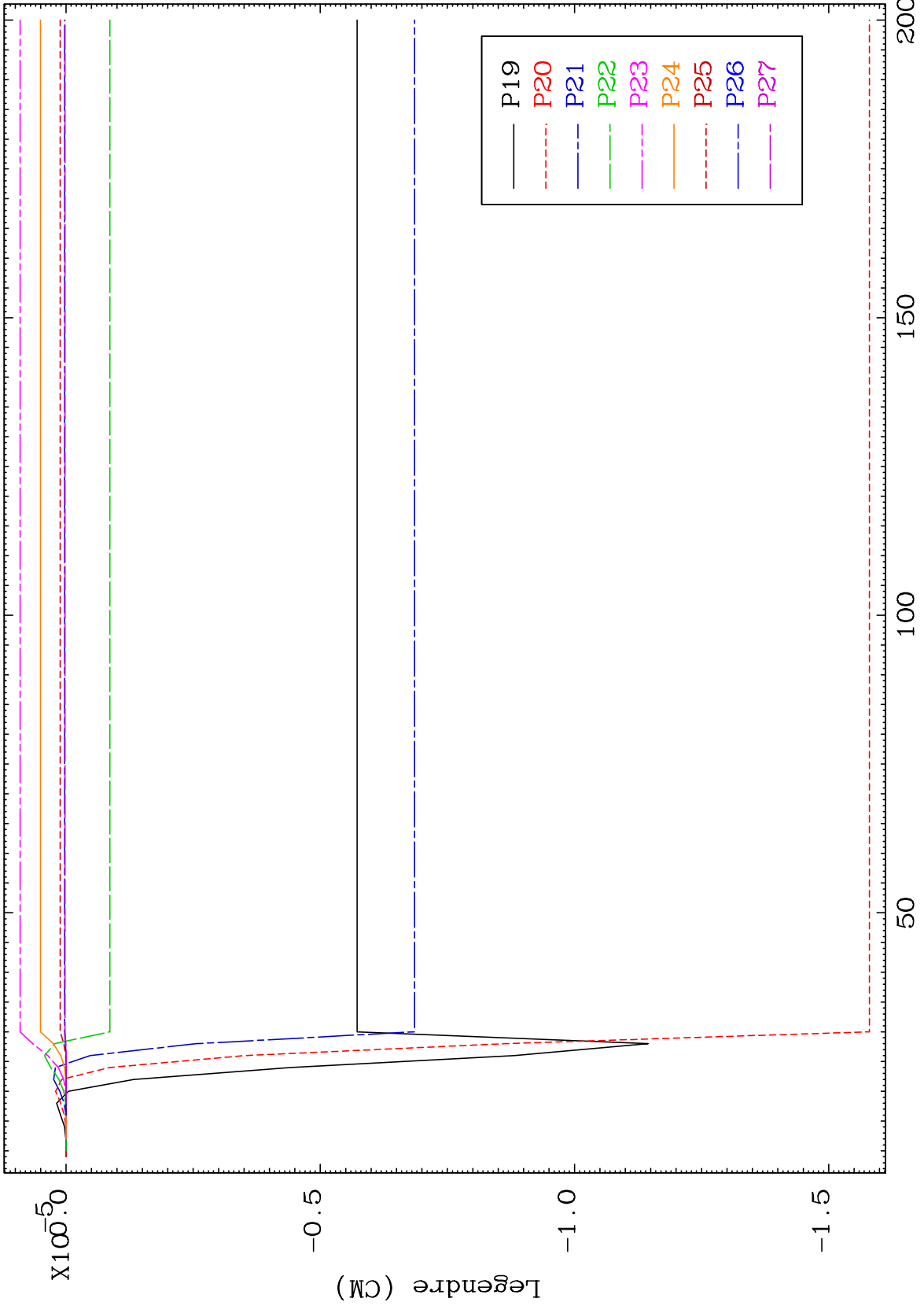


66

Incident Energy (MeV)

59-Pr-150

MAT 5952 MT= 64 (n,n') Level Legendre Coefficients 59-Pr-150

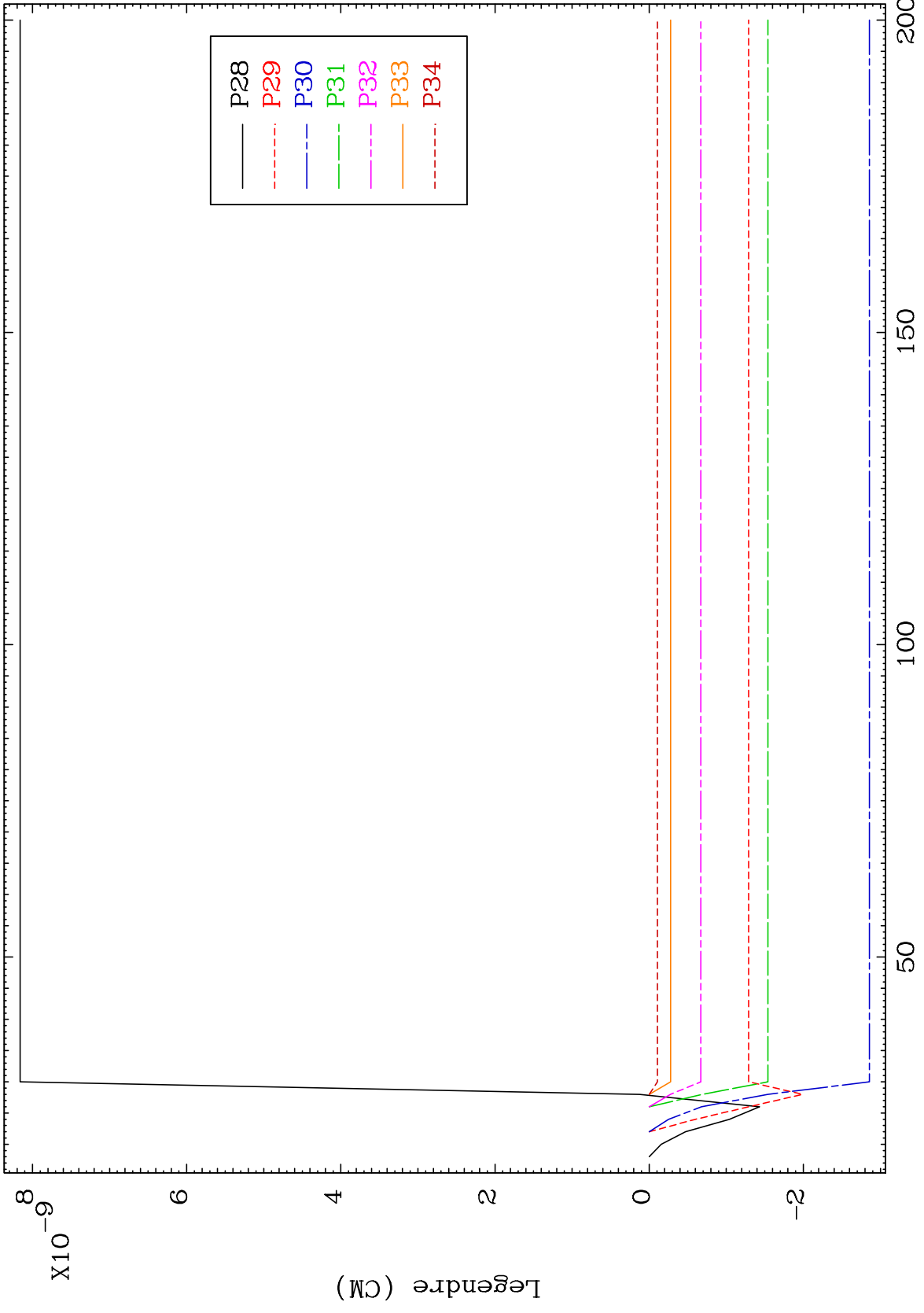


67 59-Pr-150

MAT 5952

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

59-Pr-150



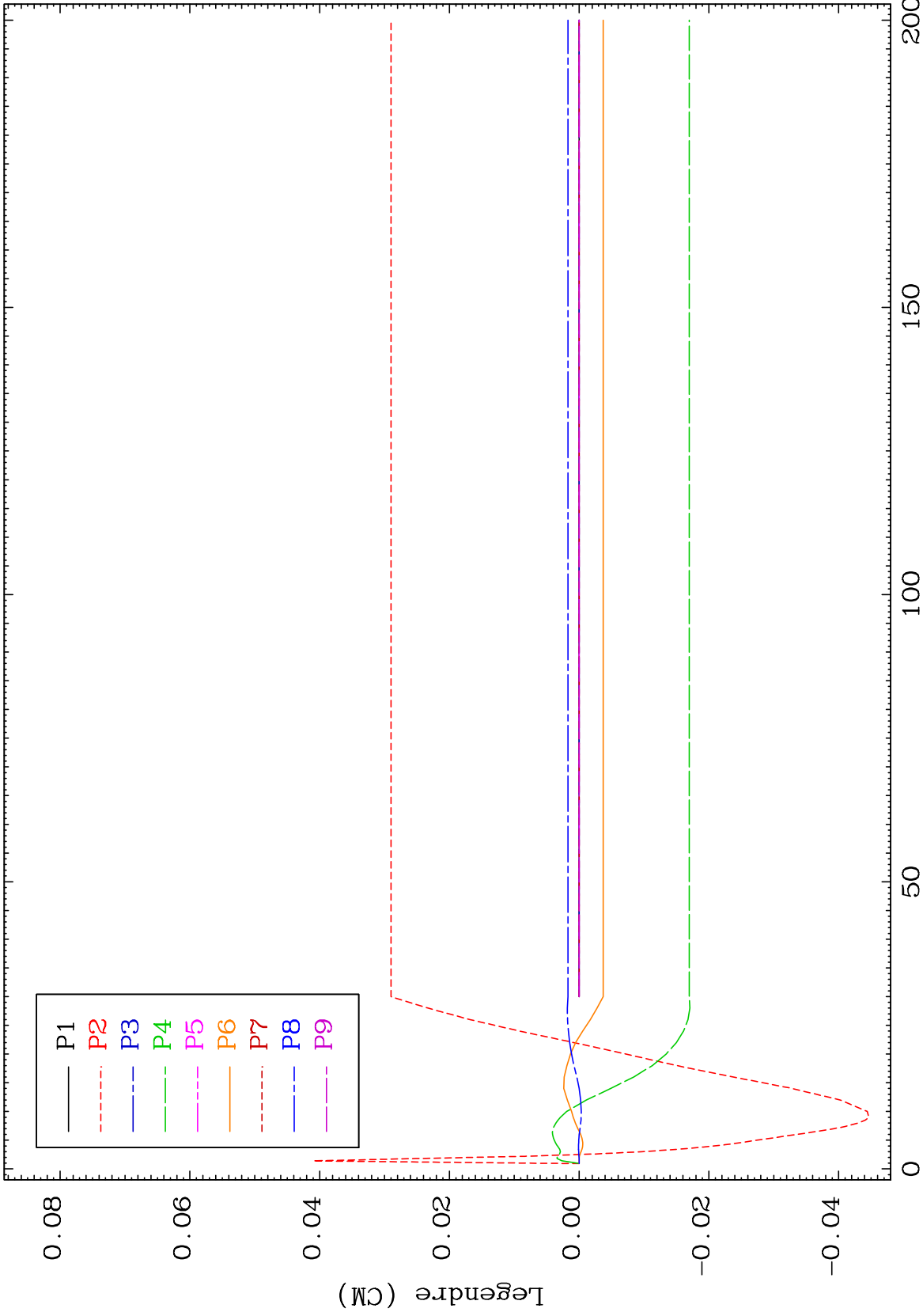
68

59-Pr-150

MAT 5952

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

59-Pr-150



69

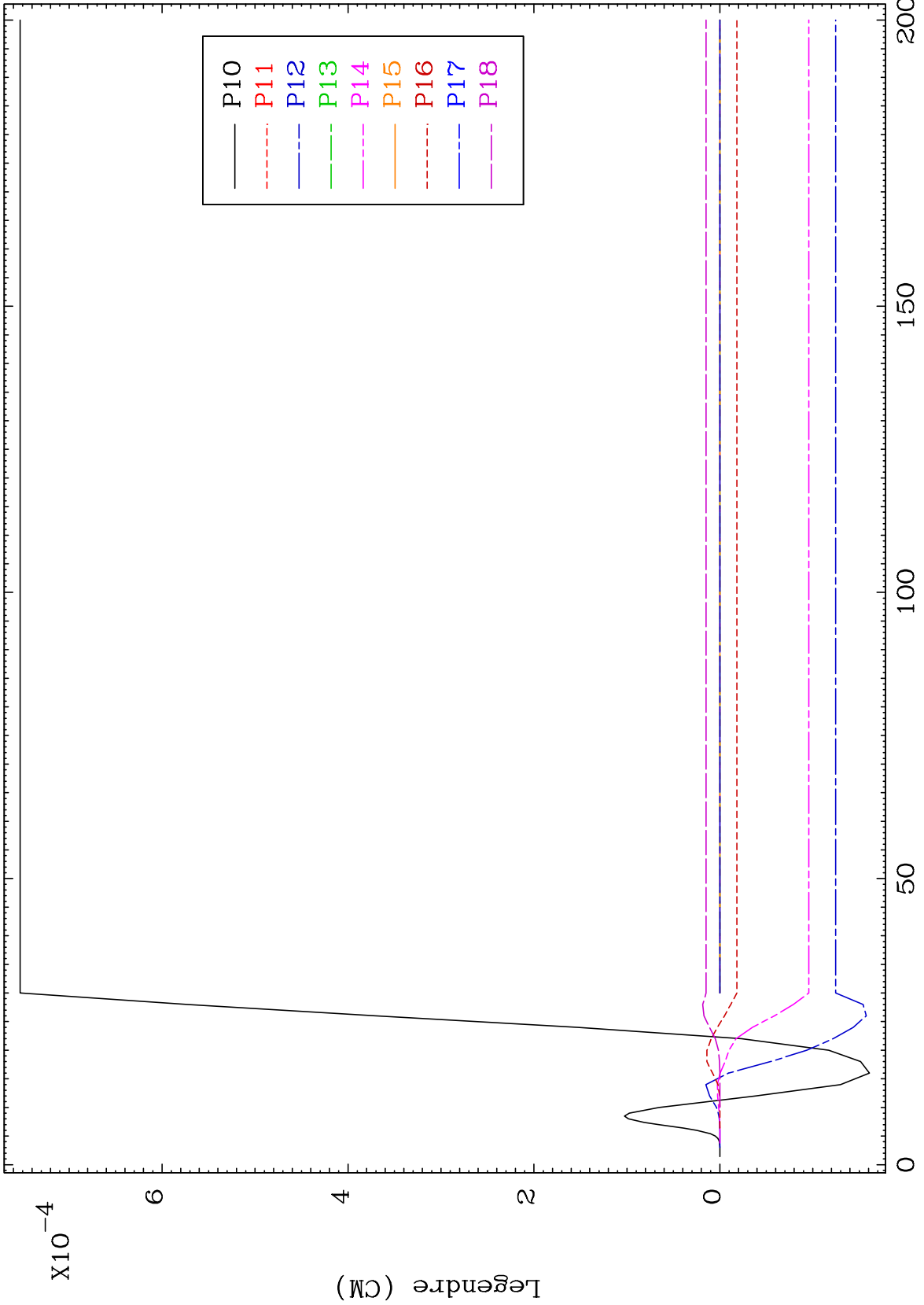
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



70

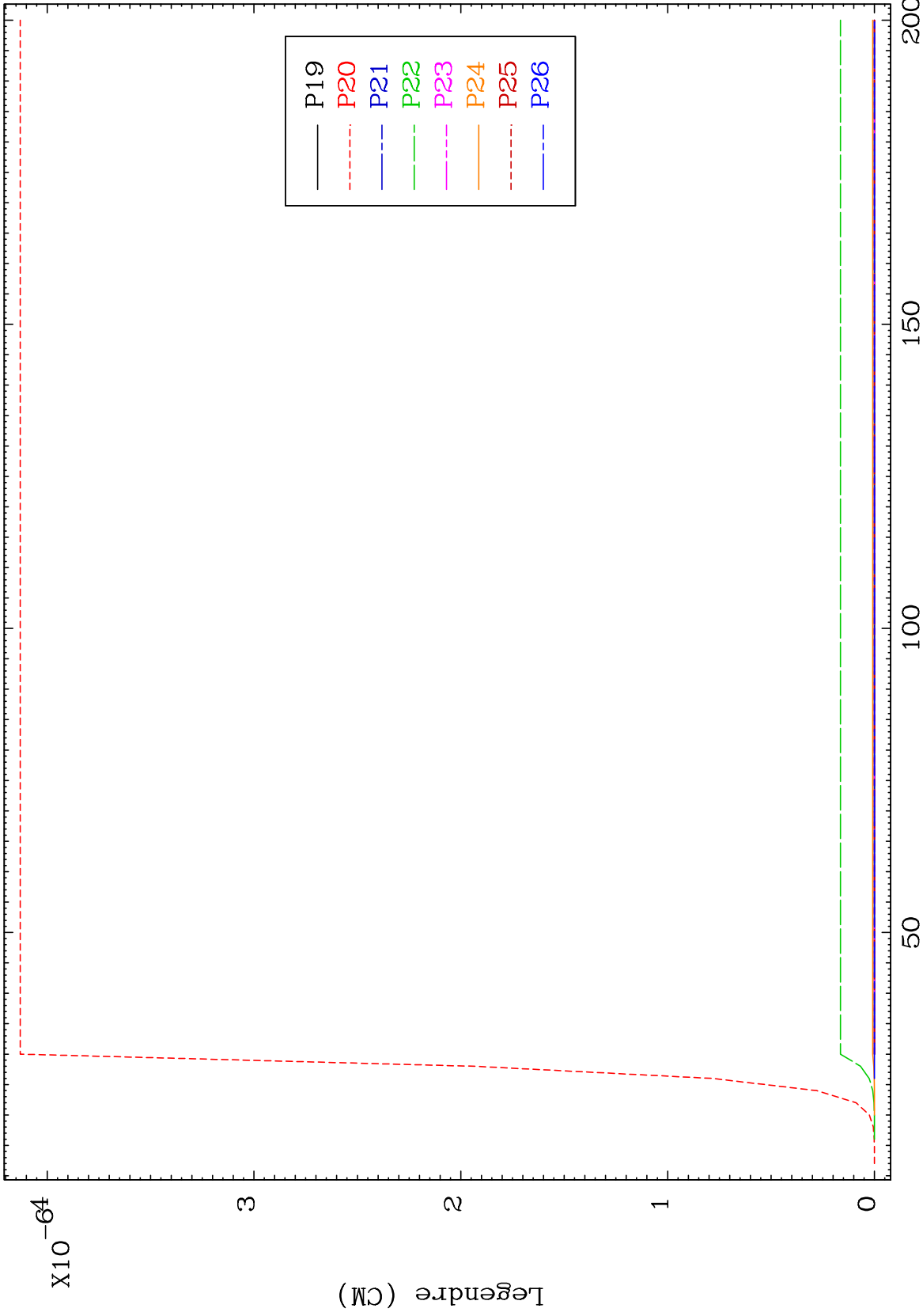
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



71

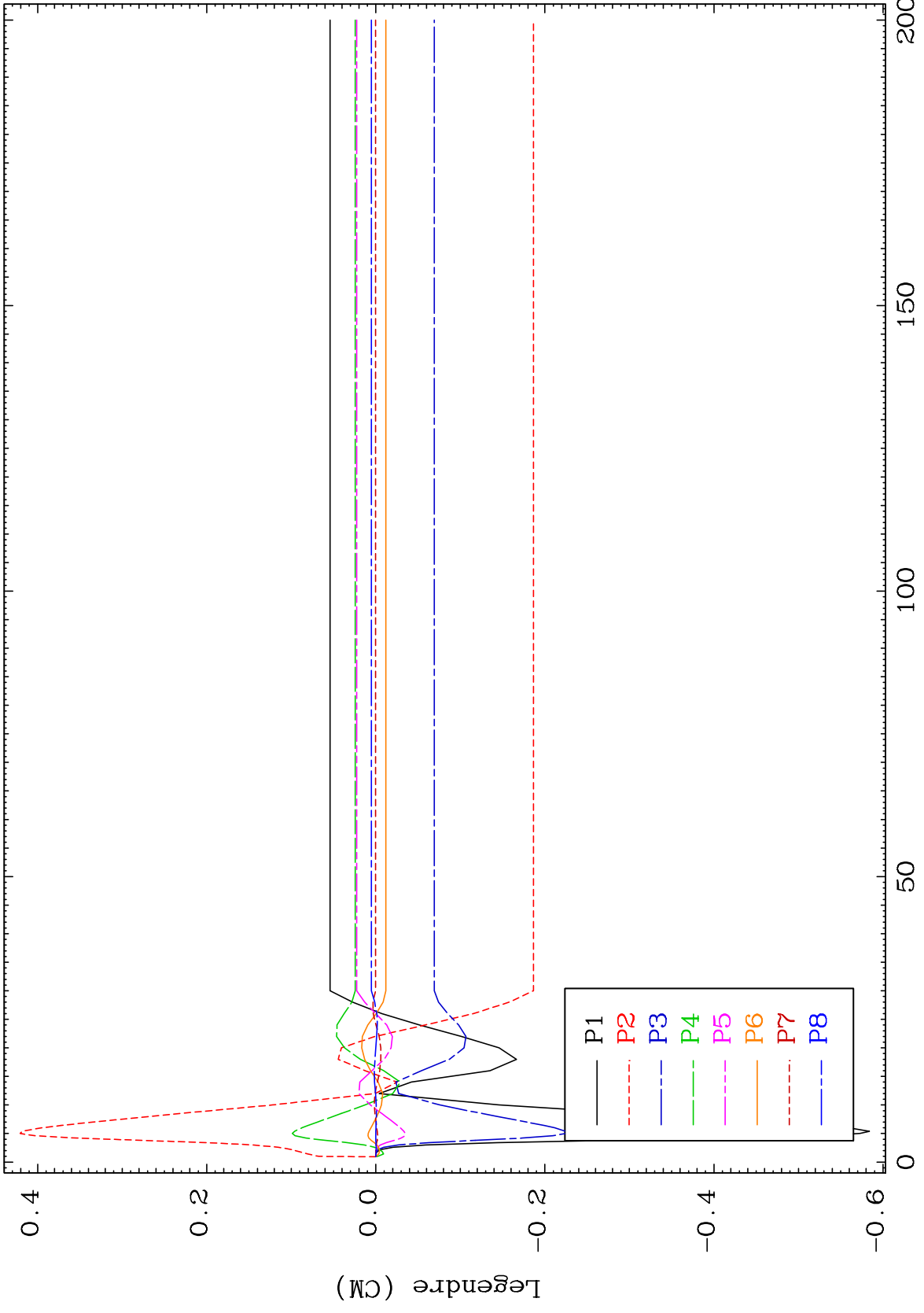
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



72

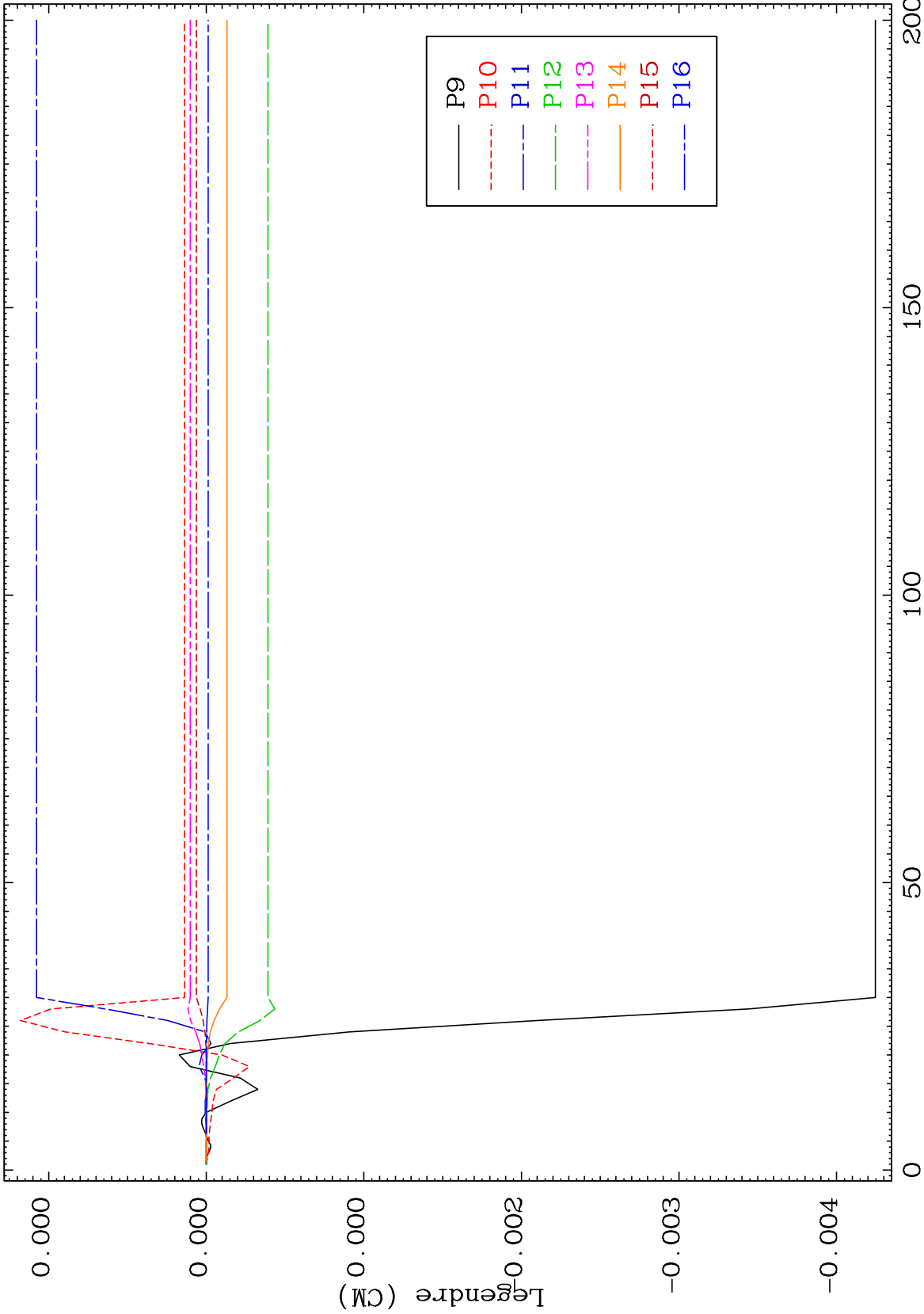
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



73

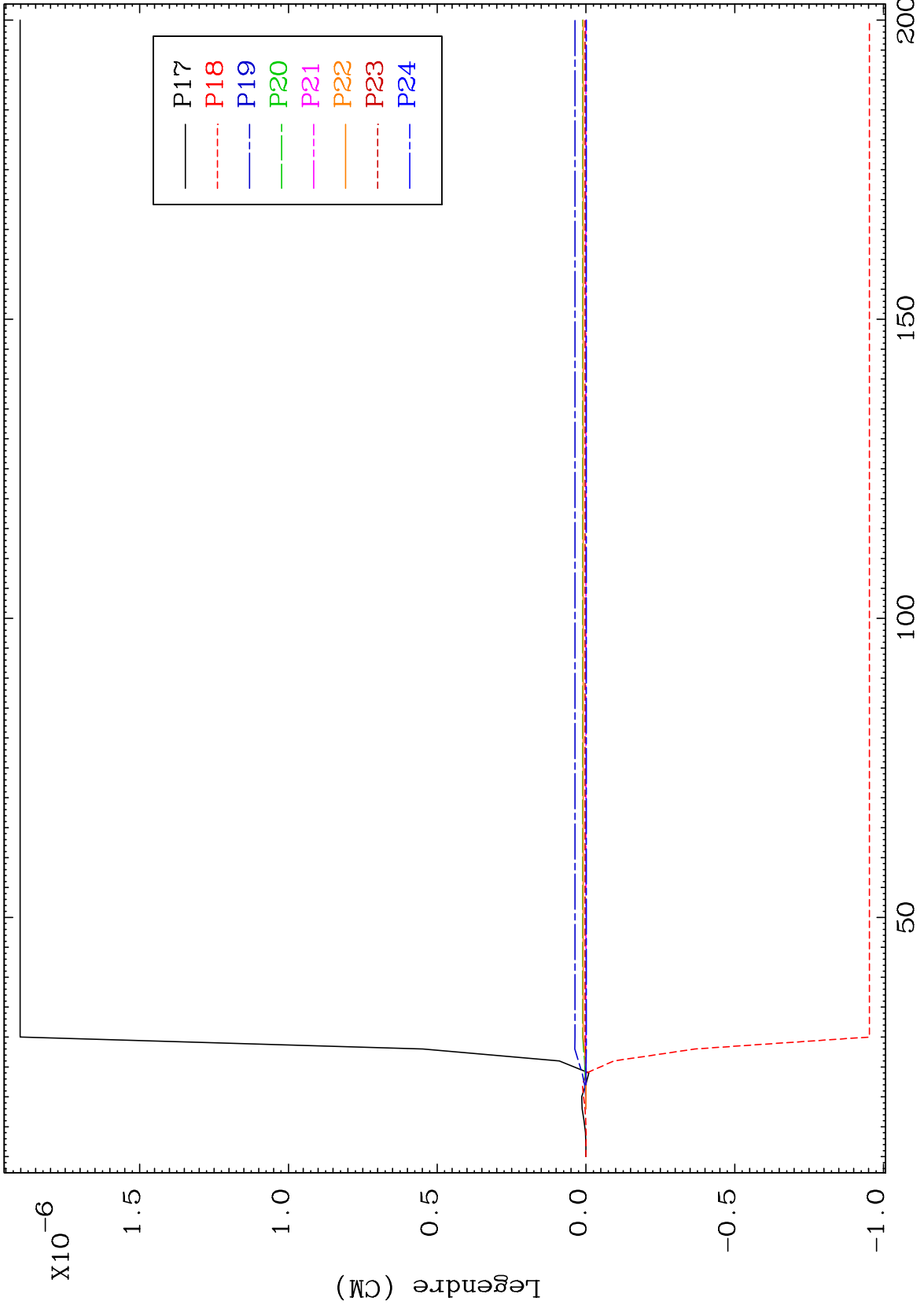
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150

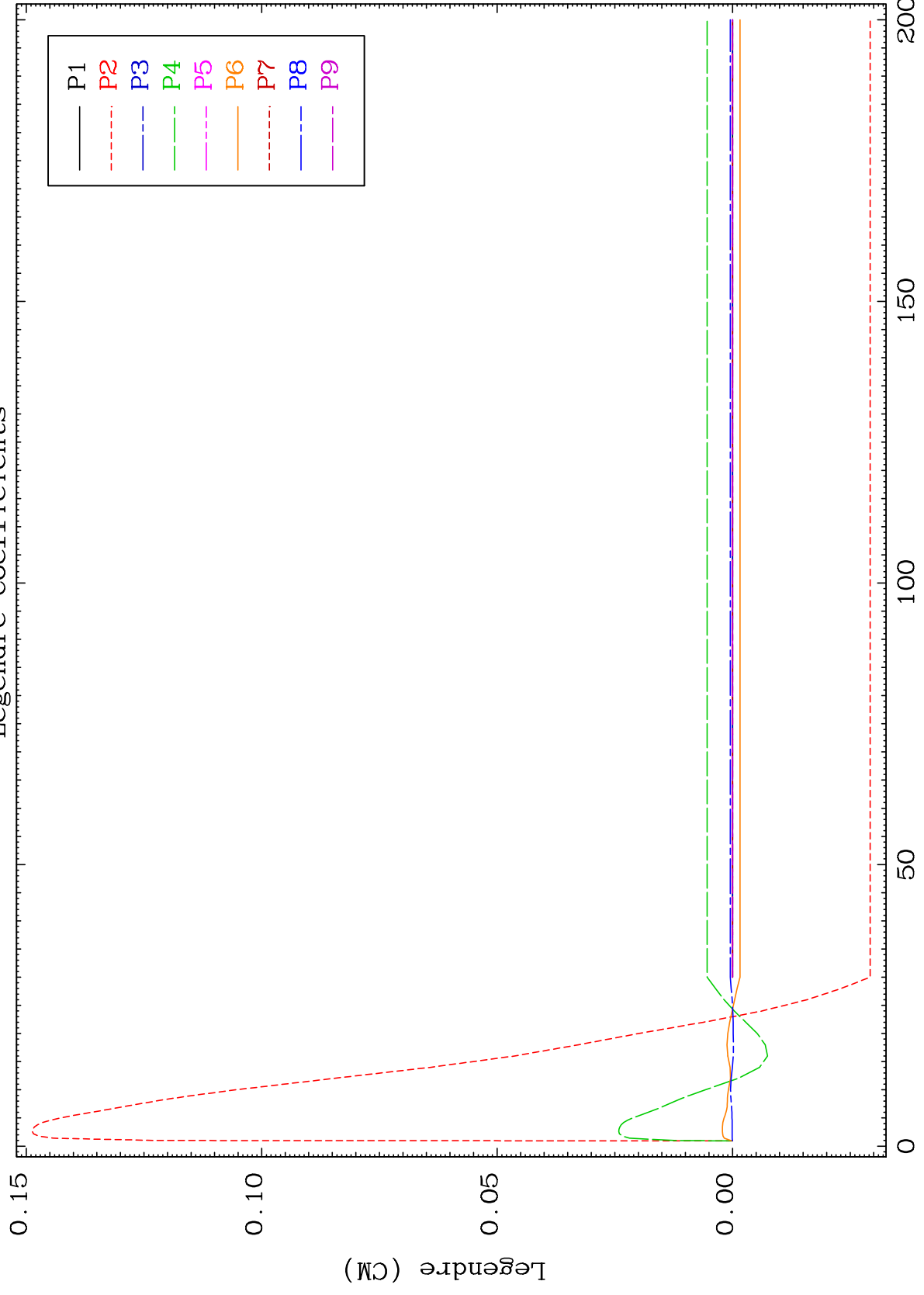


74

Incident Energy (MeV)

59-Pr-150

MAT 5952 MT= 67 (n,n') Level Legendre Coefficients 59-Pr-150

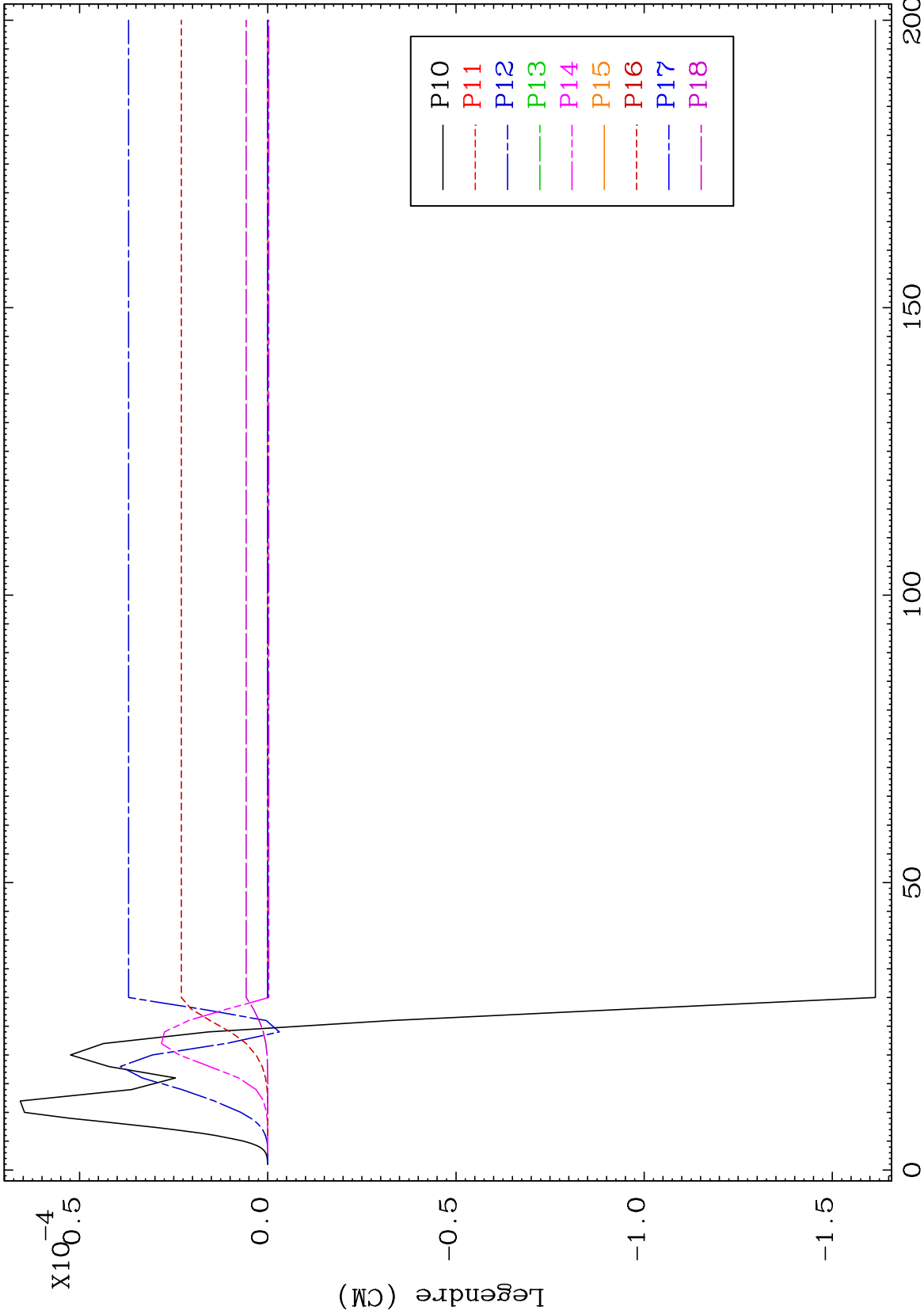


Legendre (CM) Incident Energy (MeV) 59-Pr-150

MAT 5952

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

59-Pr-150



76

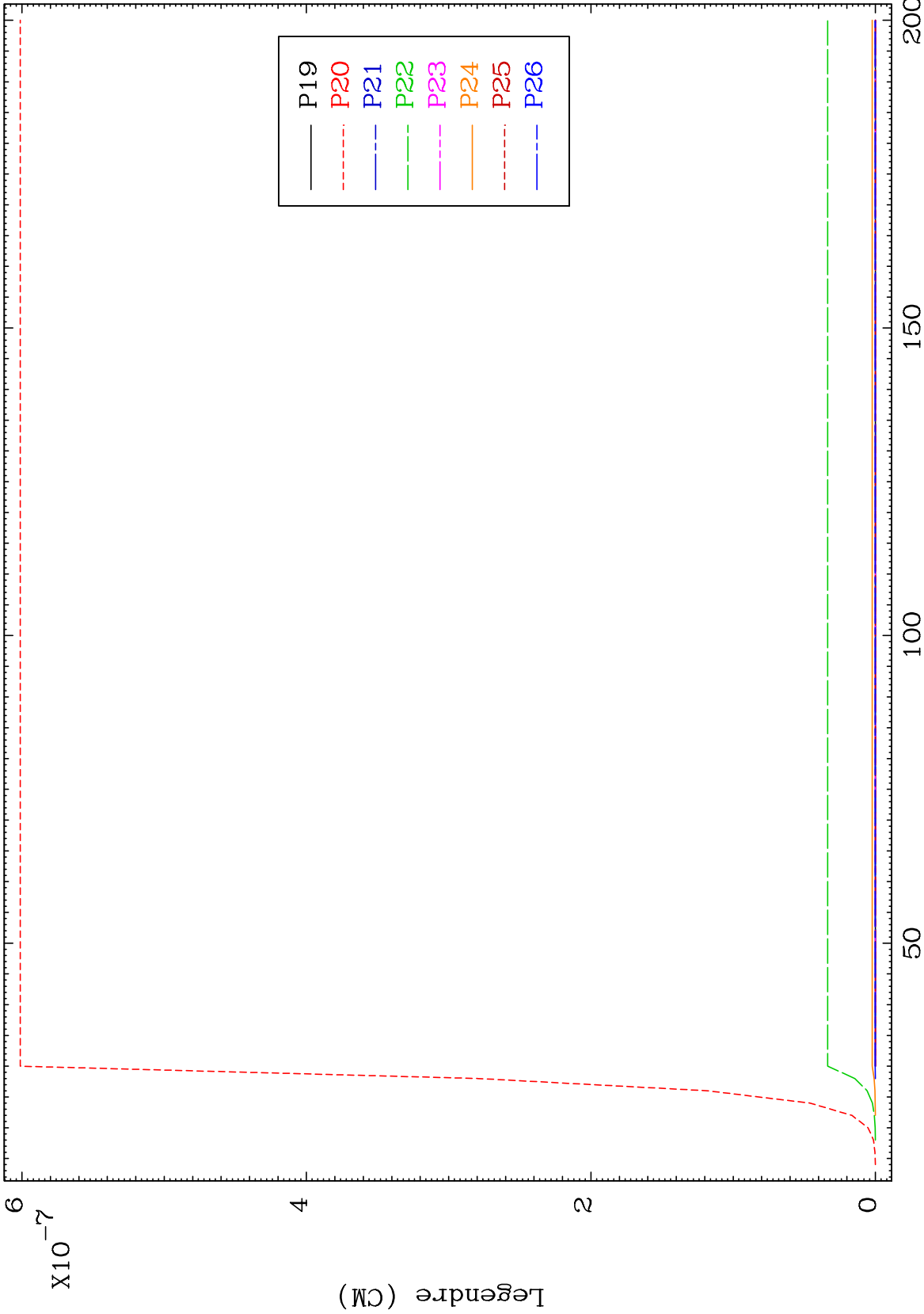
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



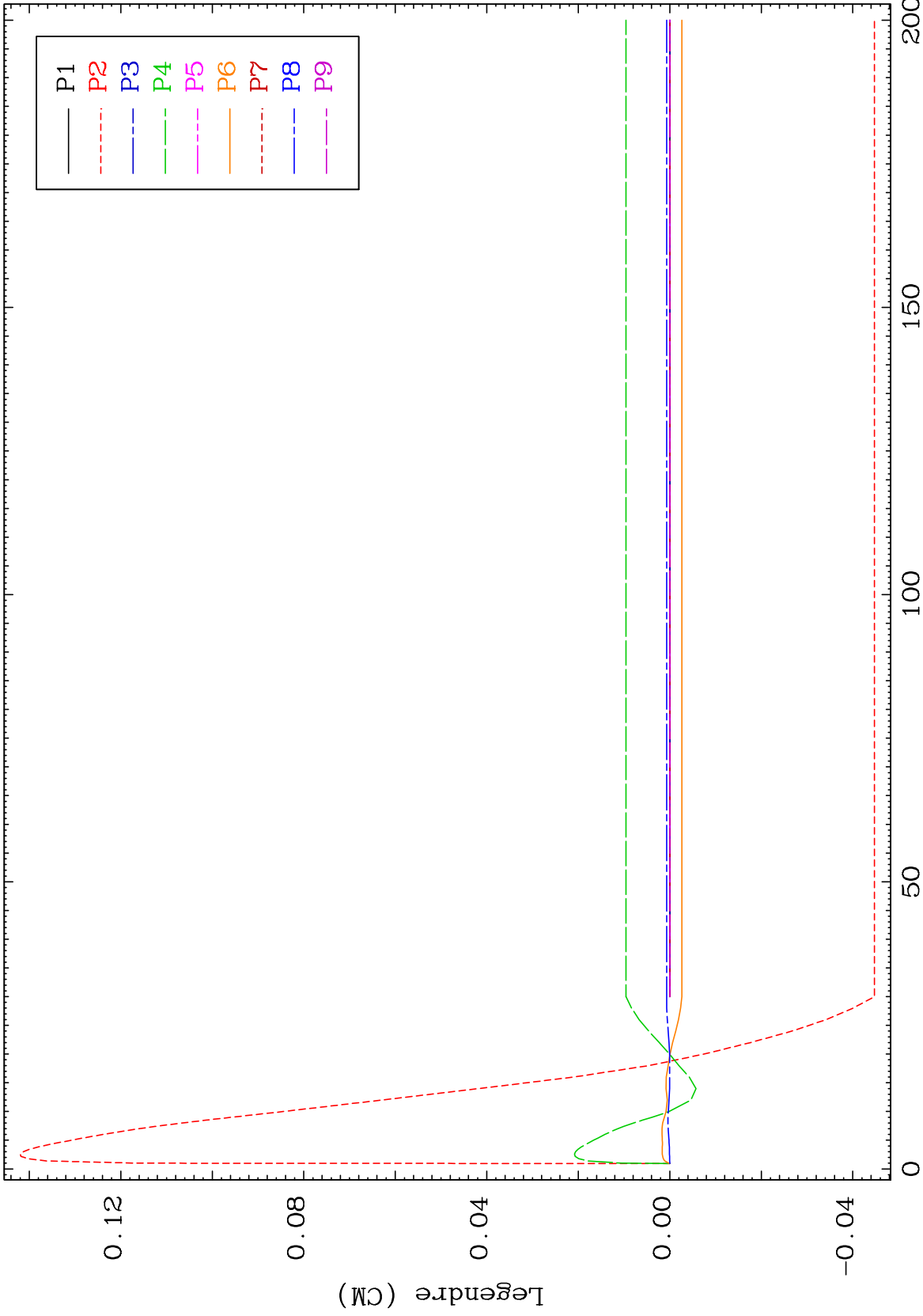
77

59-Pr-150

MAT 5952

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

59-Pr-150



78

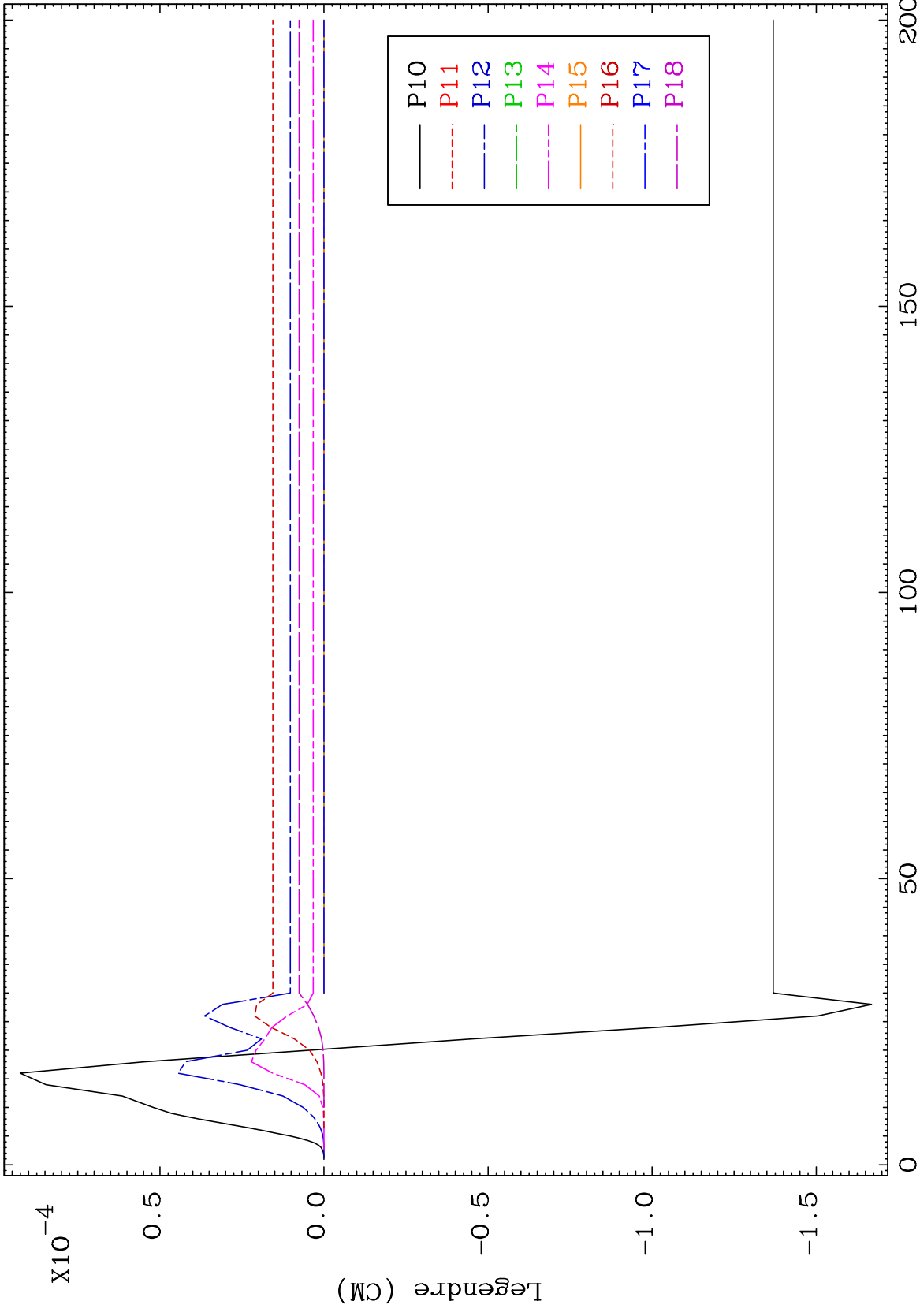
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150

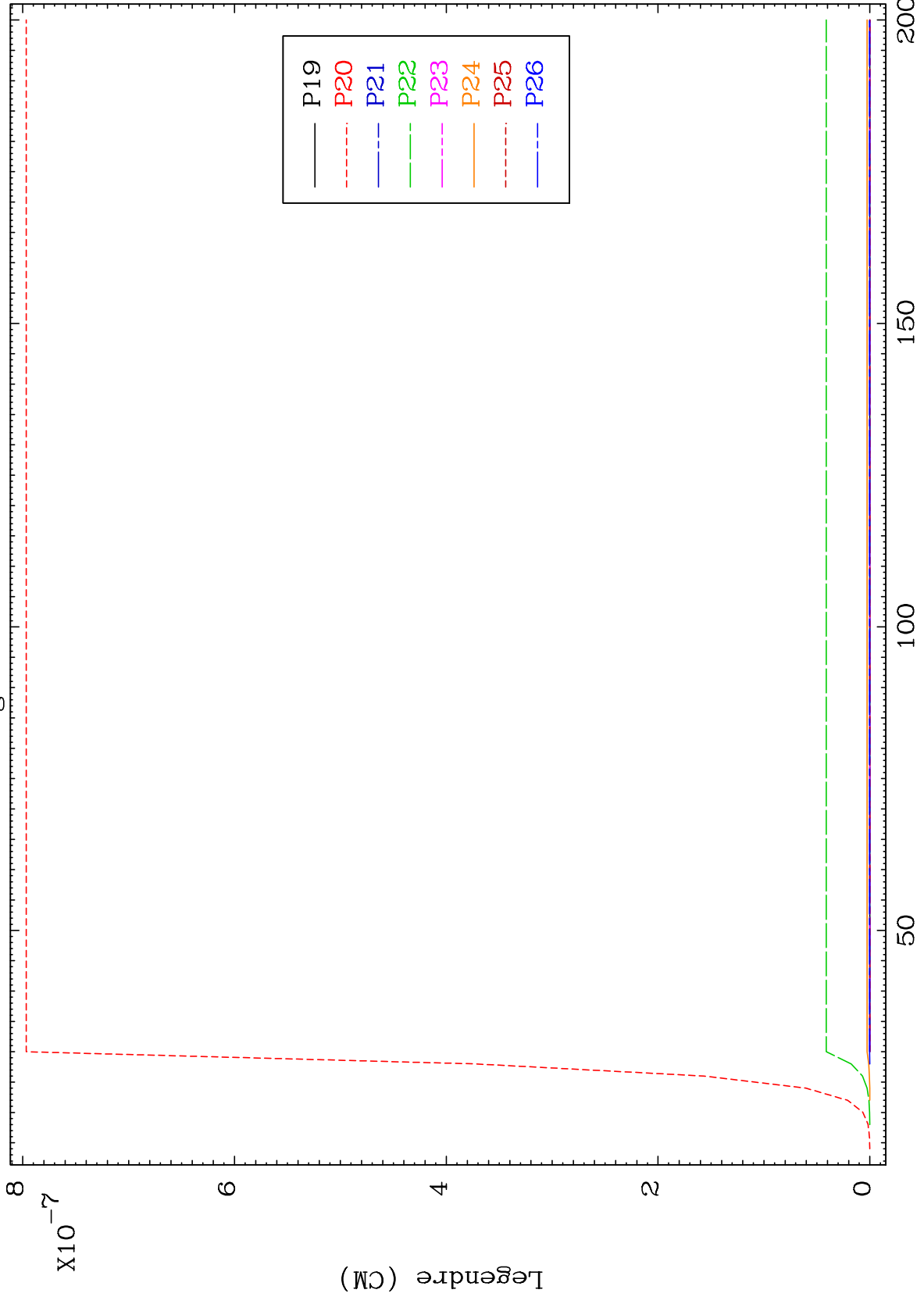


79

Incident Energy (MeV)

59-Pr-150

MAT 5952 MT= 68 (n,n') Level Legendre Coefficients 59-Pr-150

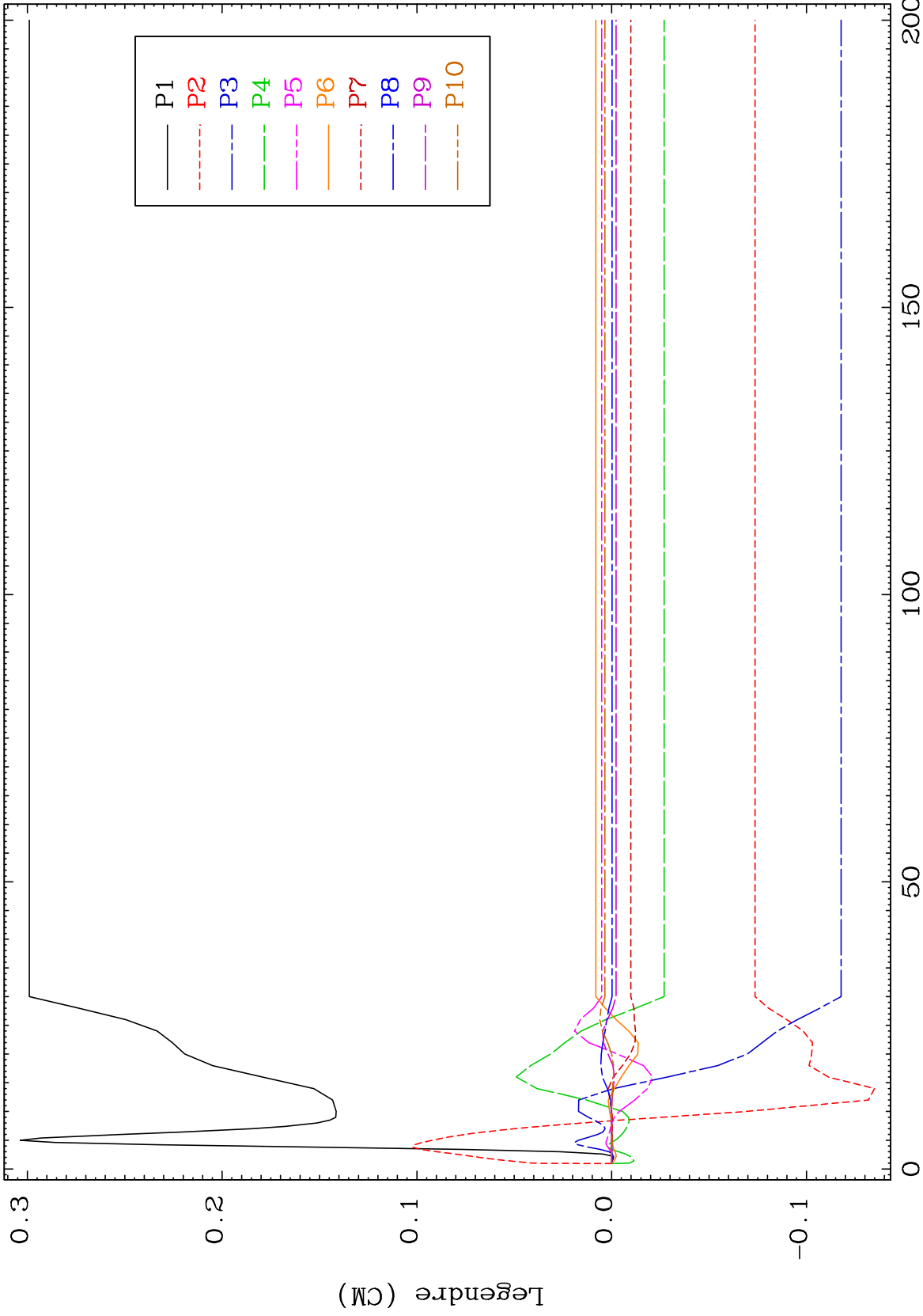


80 50 100 150 200 59-Pr-150

MAT 5952

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

59-Pr-150



81

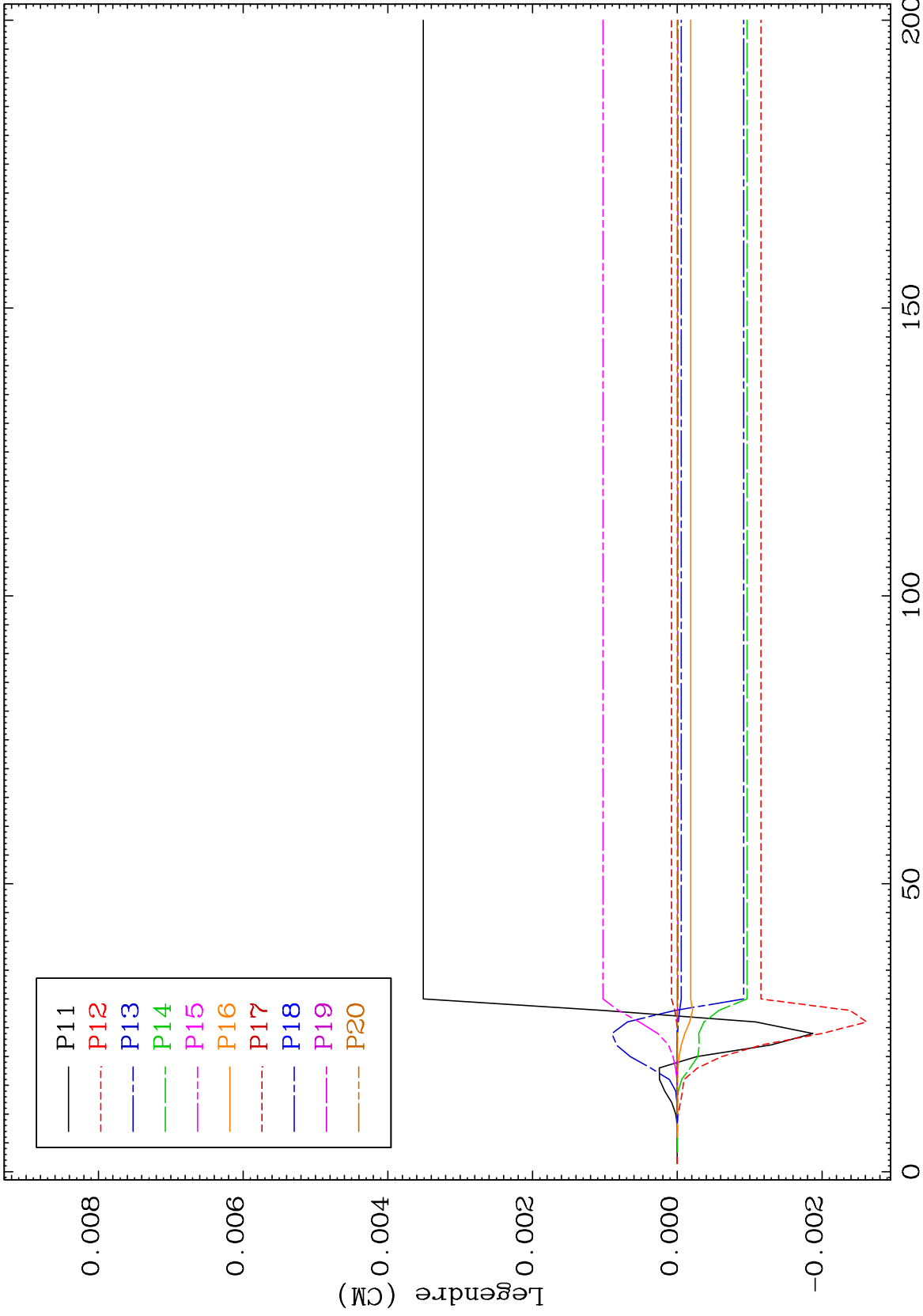
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



82

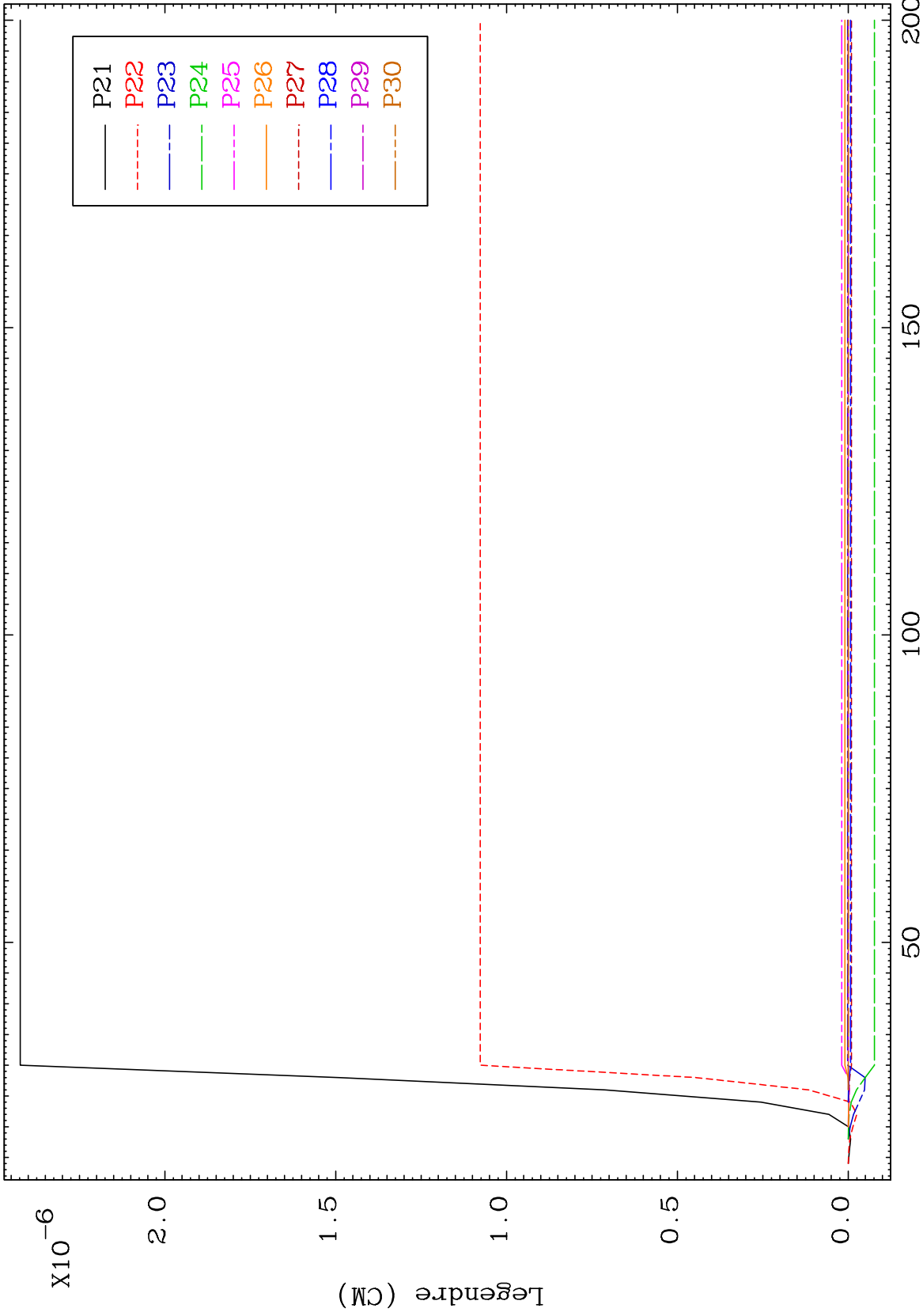
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



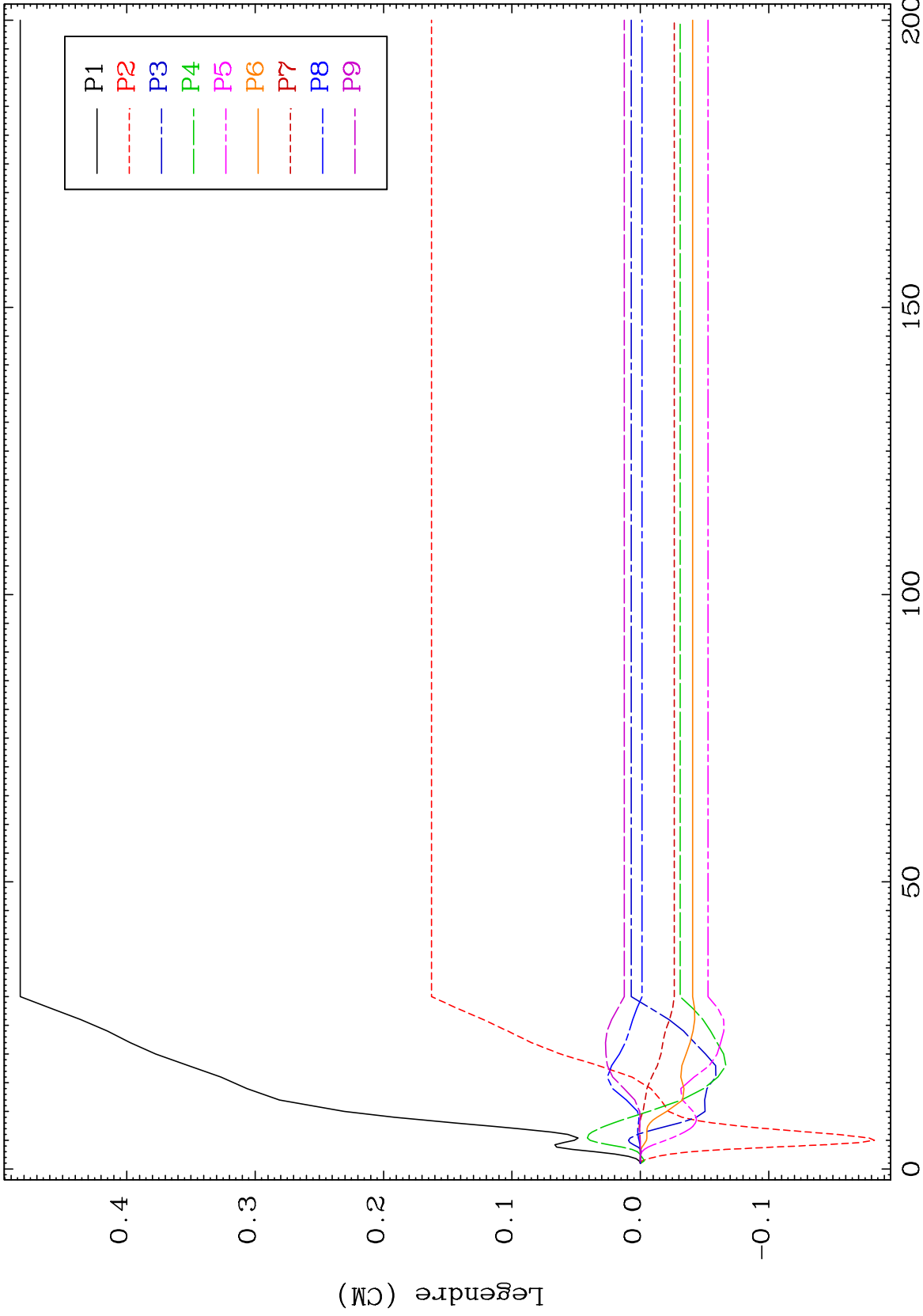
83

59-Pr-150

MAT 5952

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

59-Pr-150



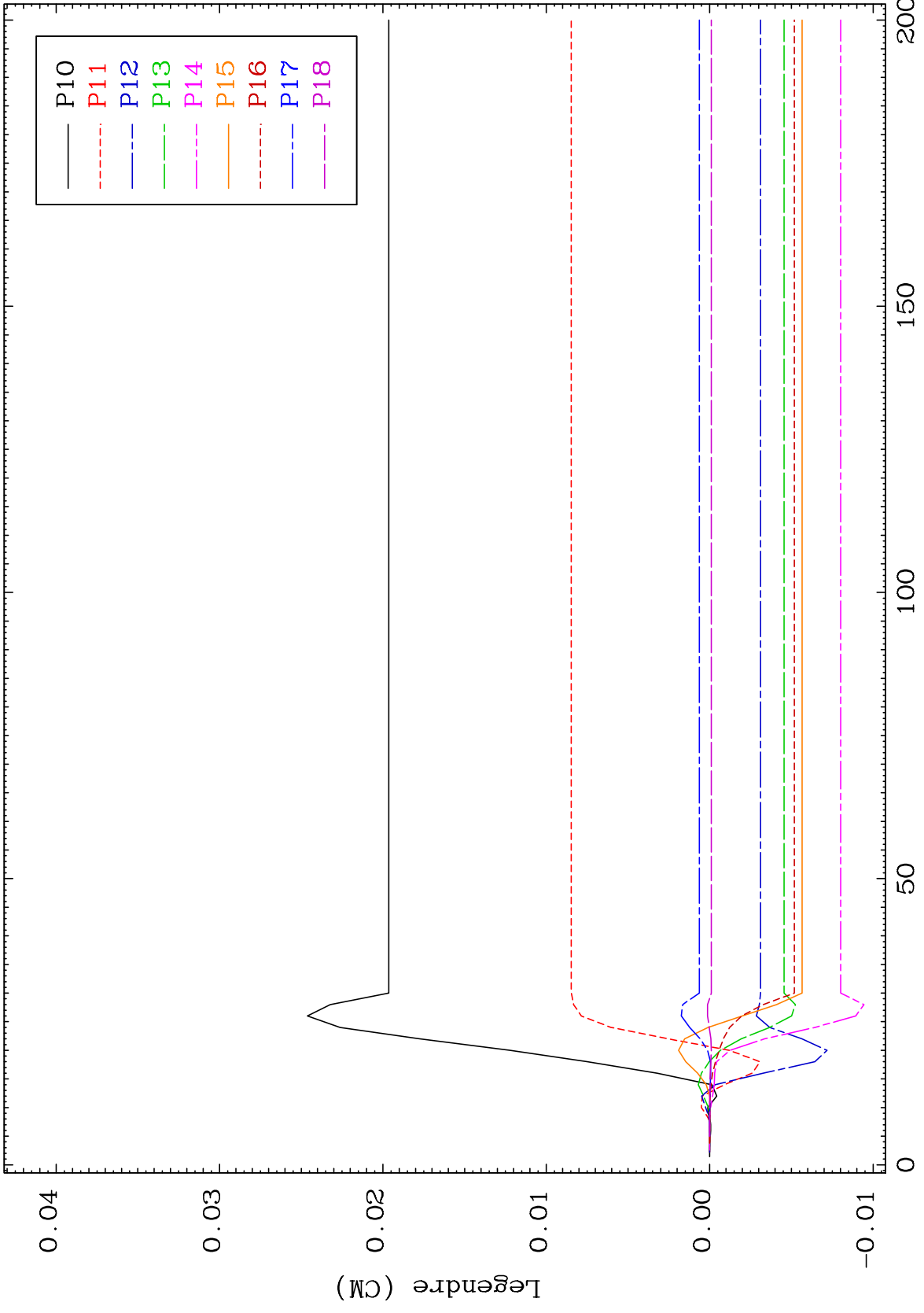
84

59-Pr-150

MAT 5952

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

59-Pr-150



85

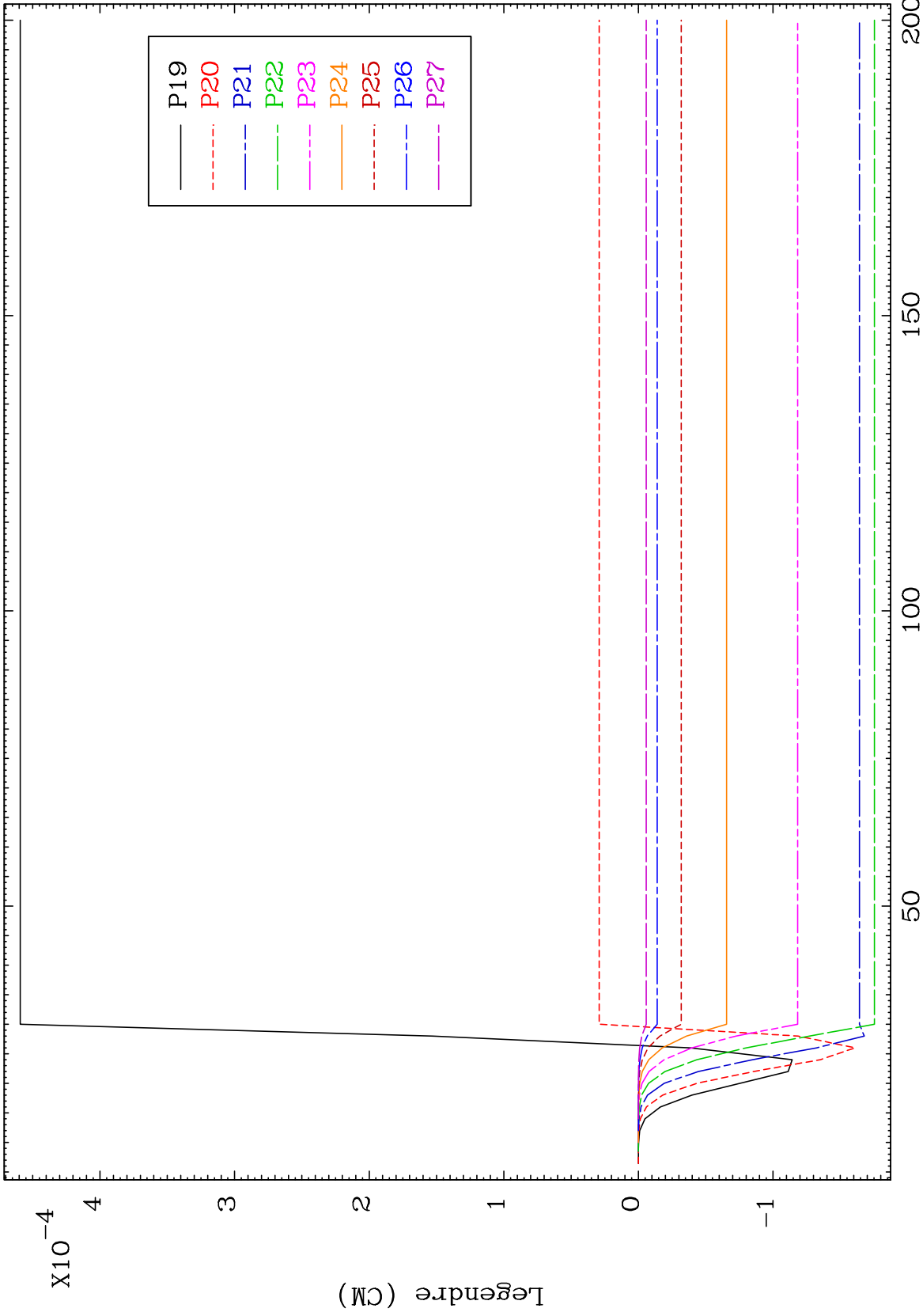
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



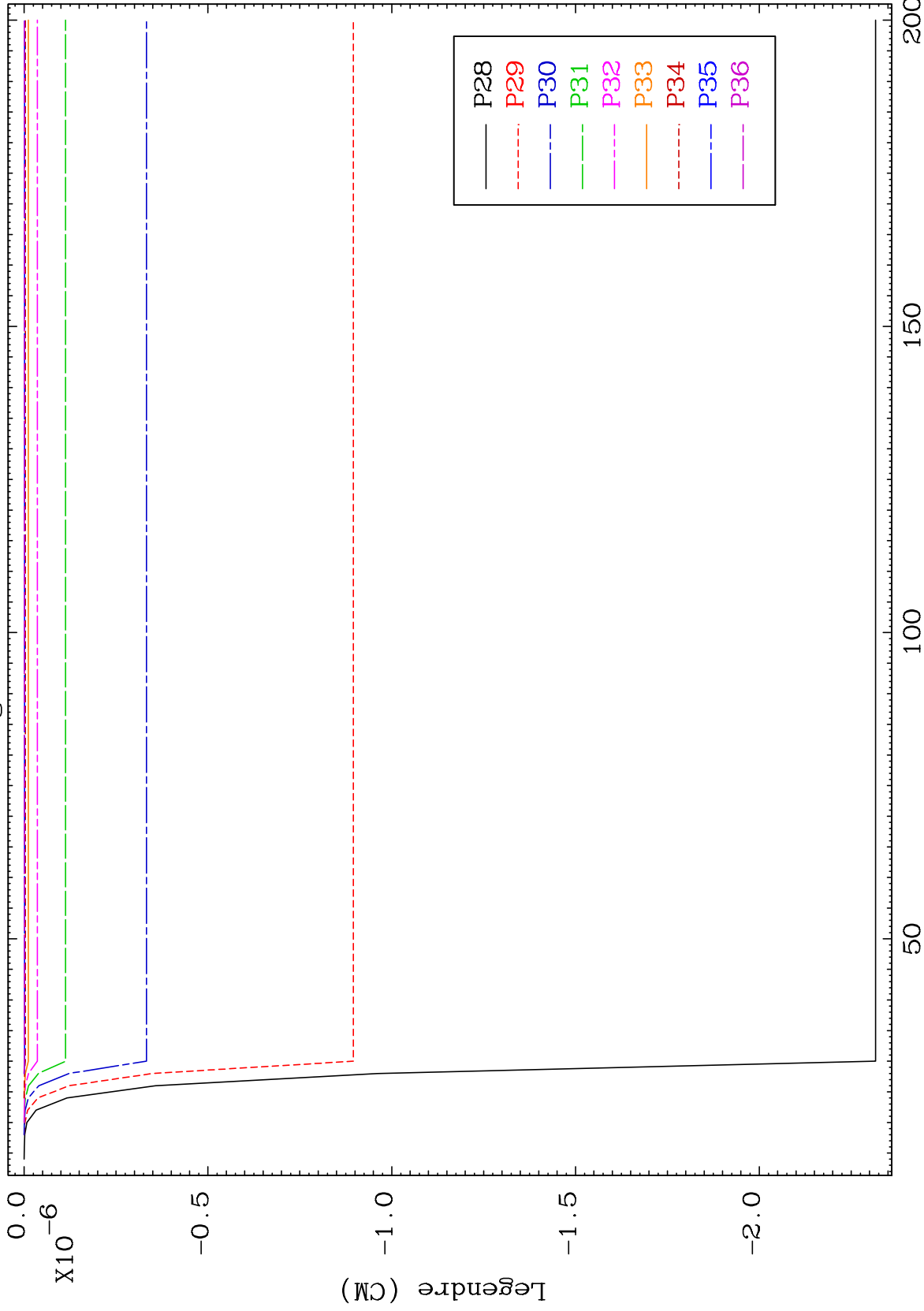
86

59-Pr-150

MAT 5952

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

59-Pr-150



59-Pr-150

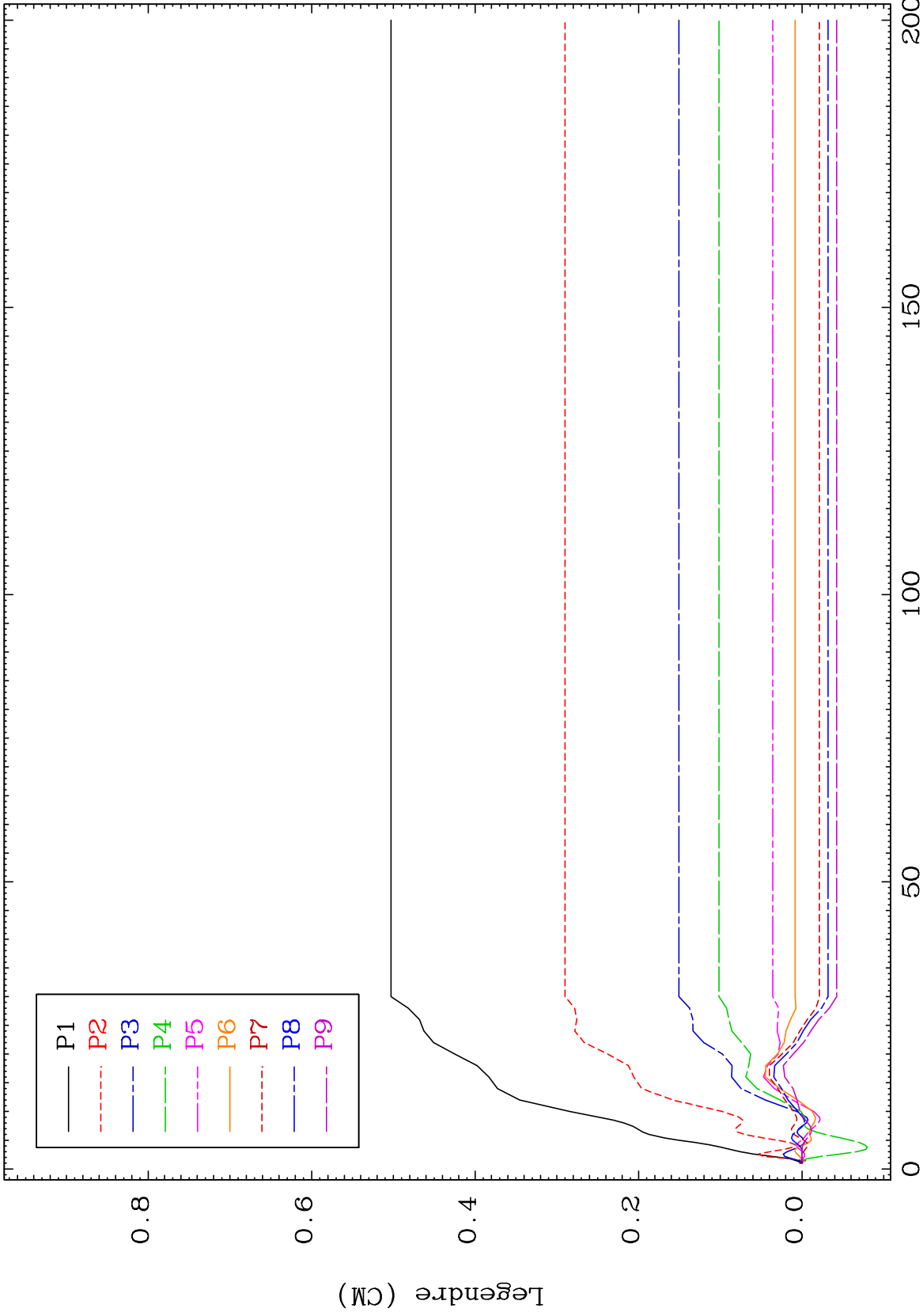
Incident Energy (MeV)

87

MAT 5952

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

59-Pr-150



88

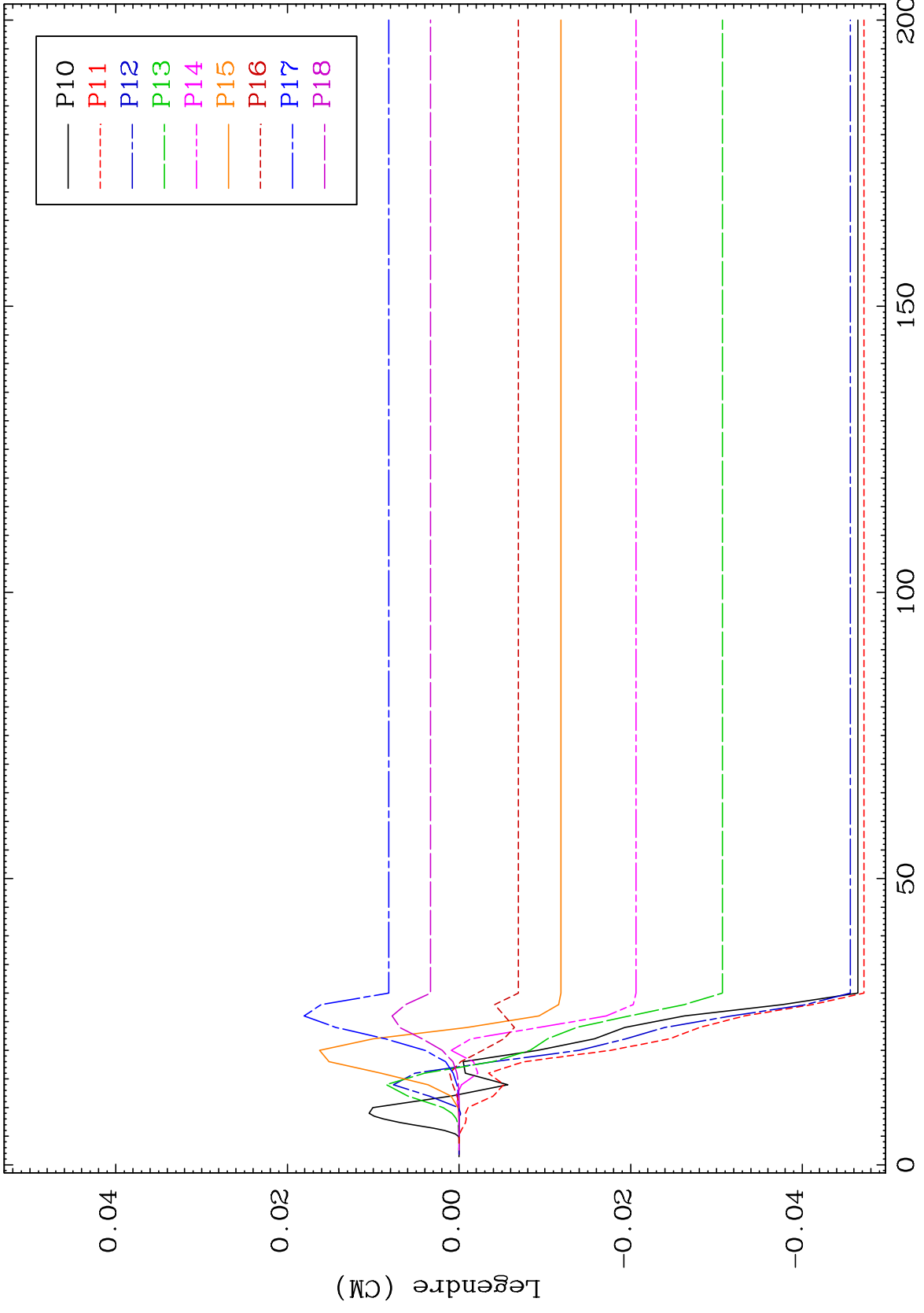
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



89

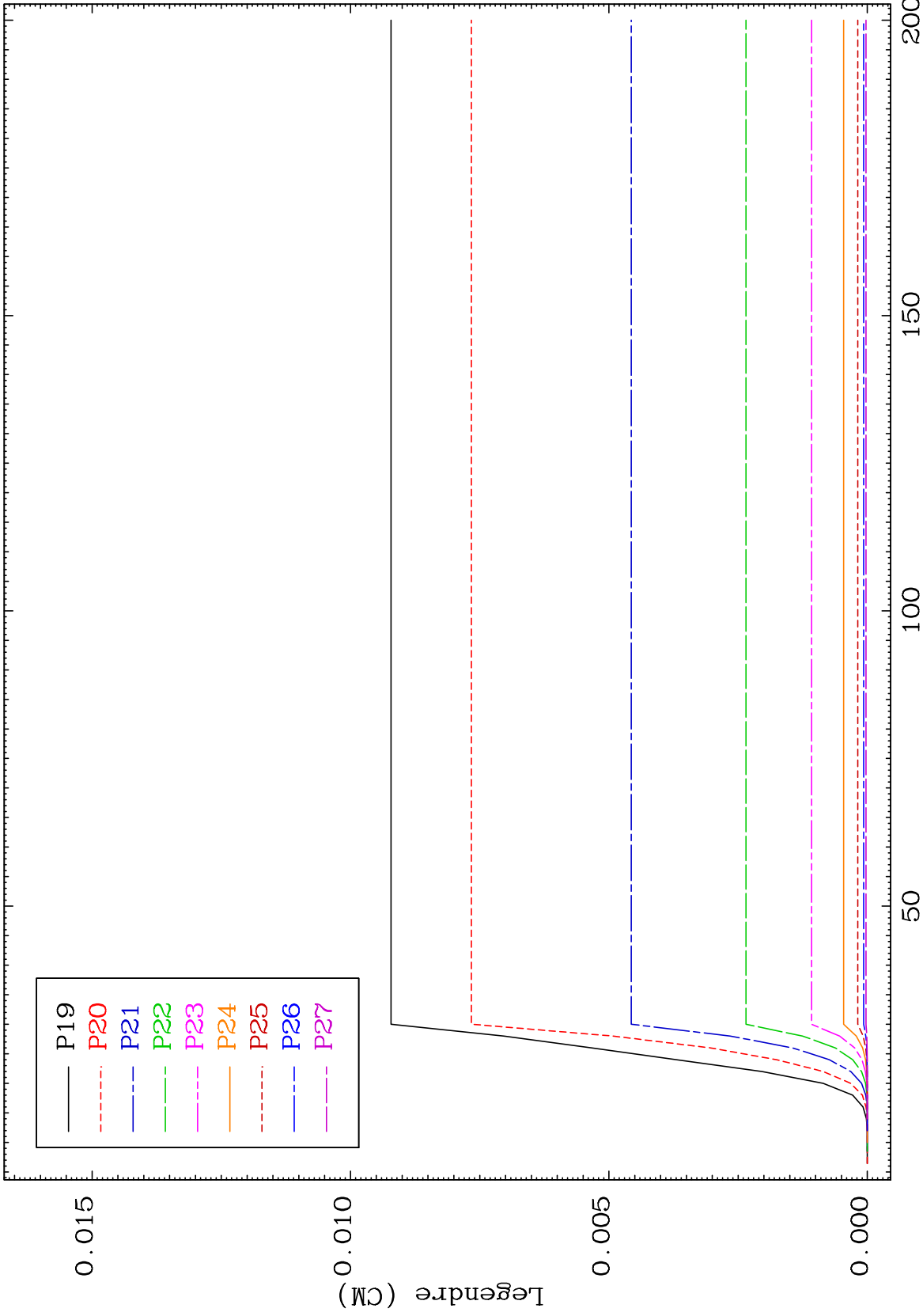
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



90

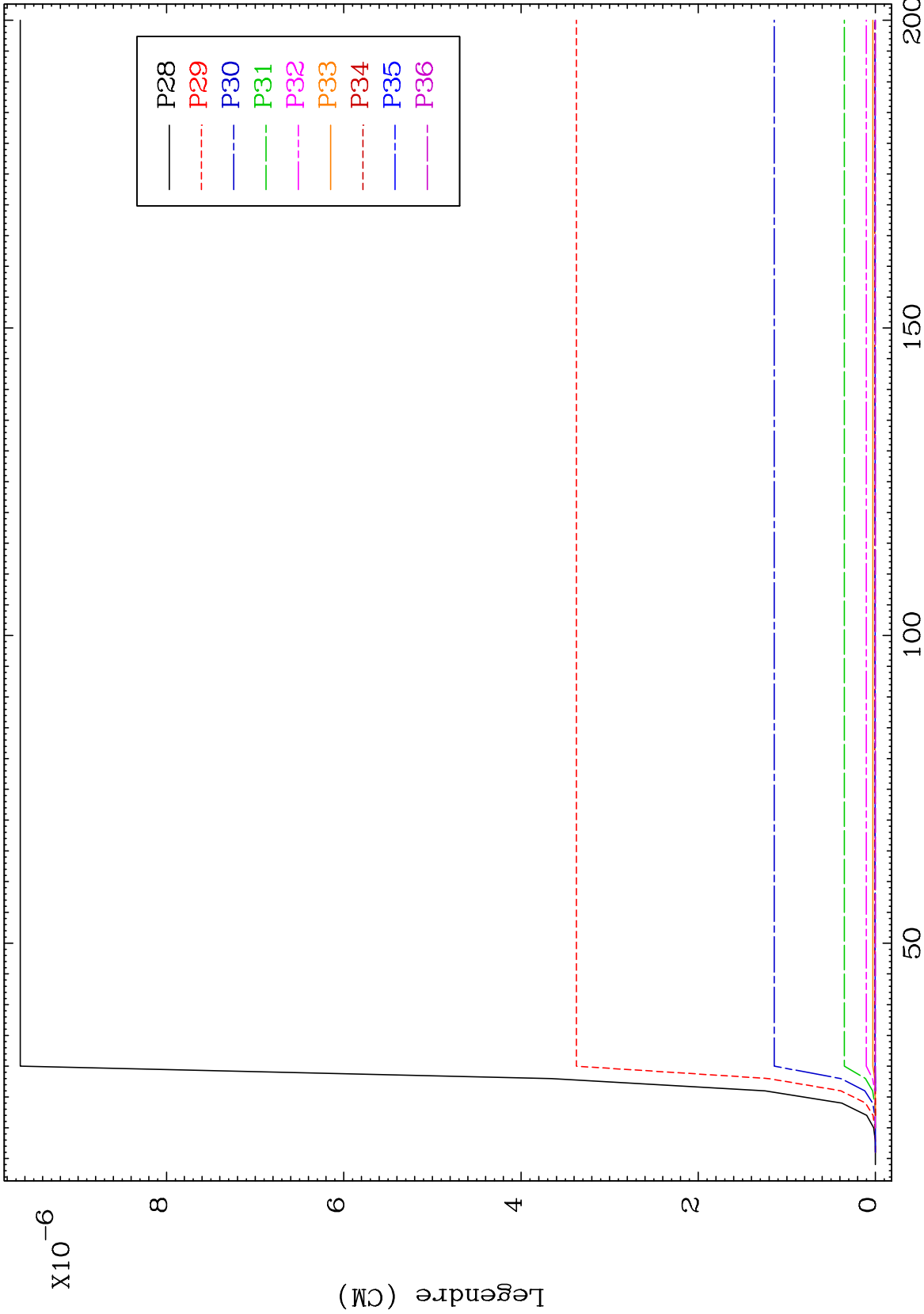
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

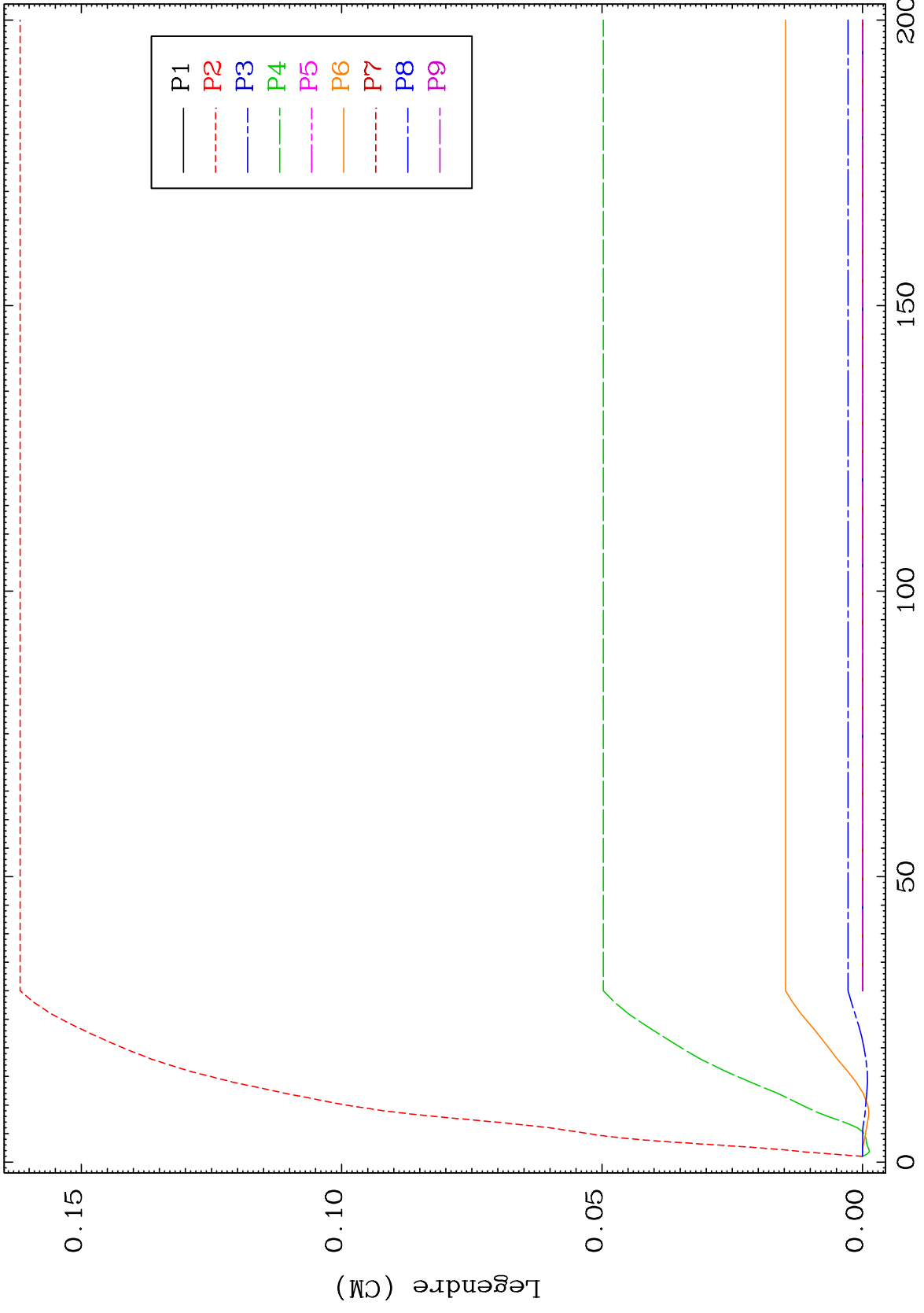
59-Pr-150



91

59-Pr-150

MAT 5952 MT= 72 (n,n') Level Legendre Coefficients 59-Pr-150

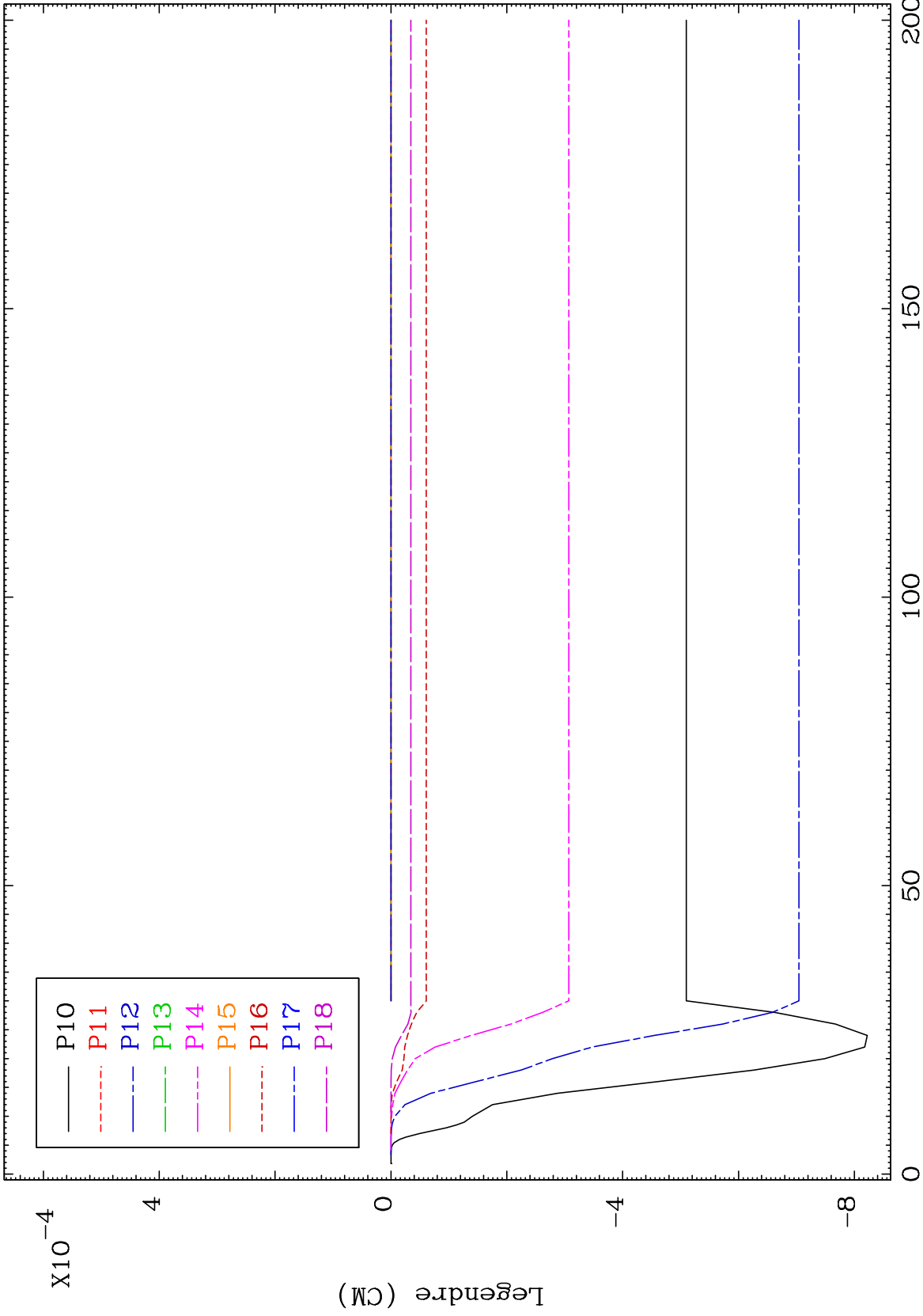


92 59-Pr-150

MAT 5952

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

59-Pr-150

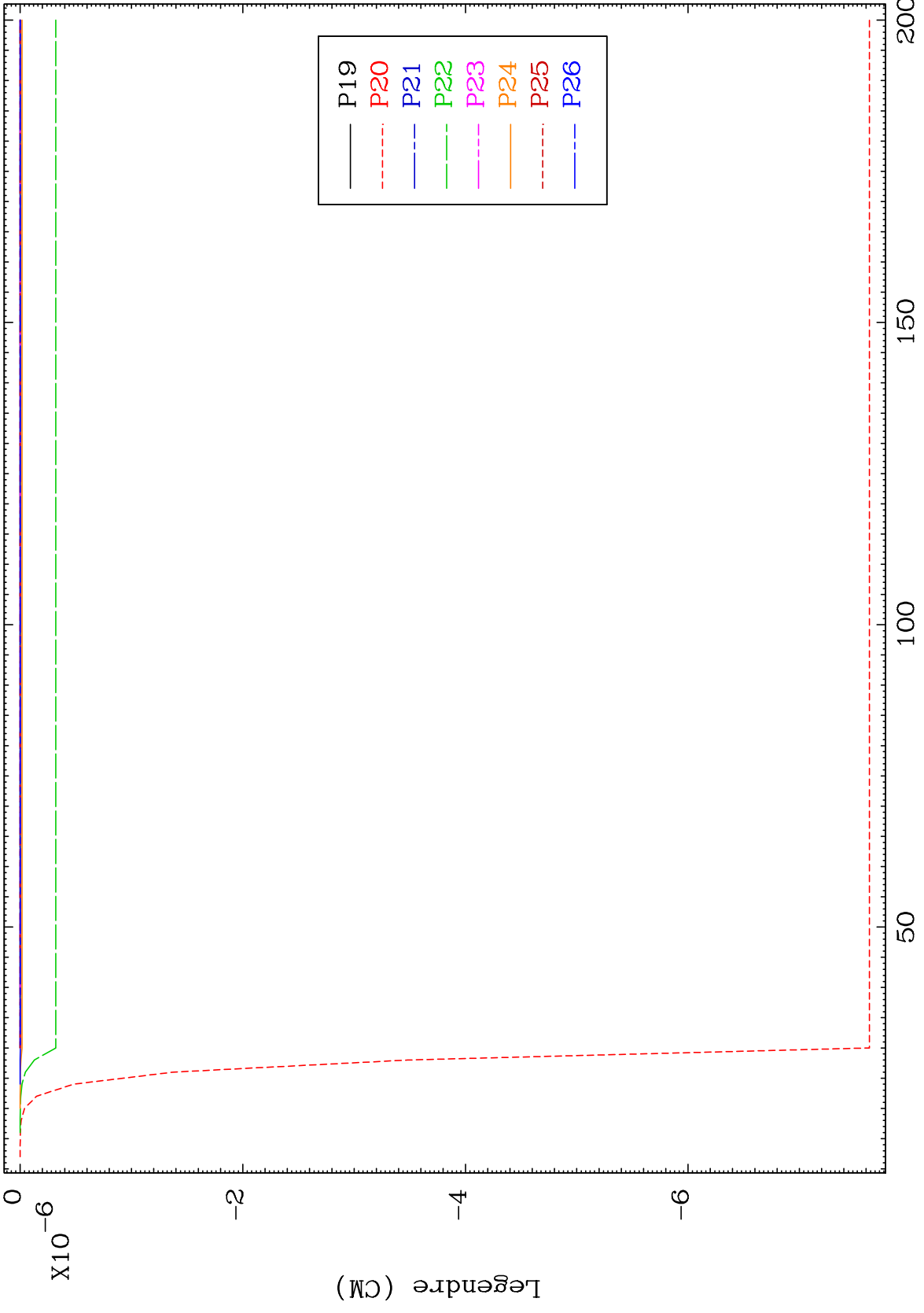


93

Incident Energy (MeV)

59-Pr-150

MAT 5952 MT= 72 (n,n') Level Legendre Coefficients 59-Pr-150

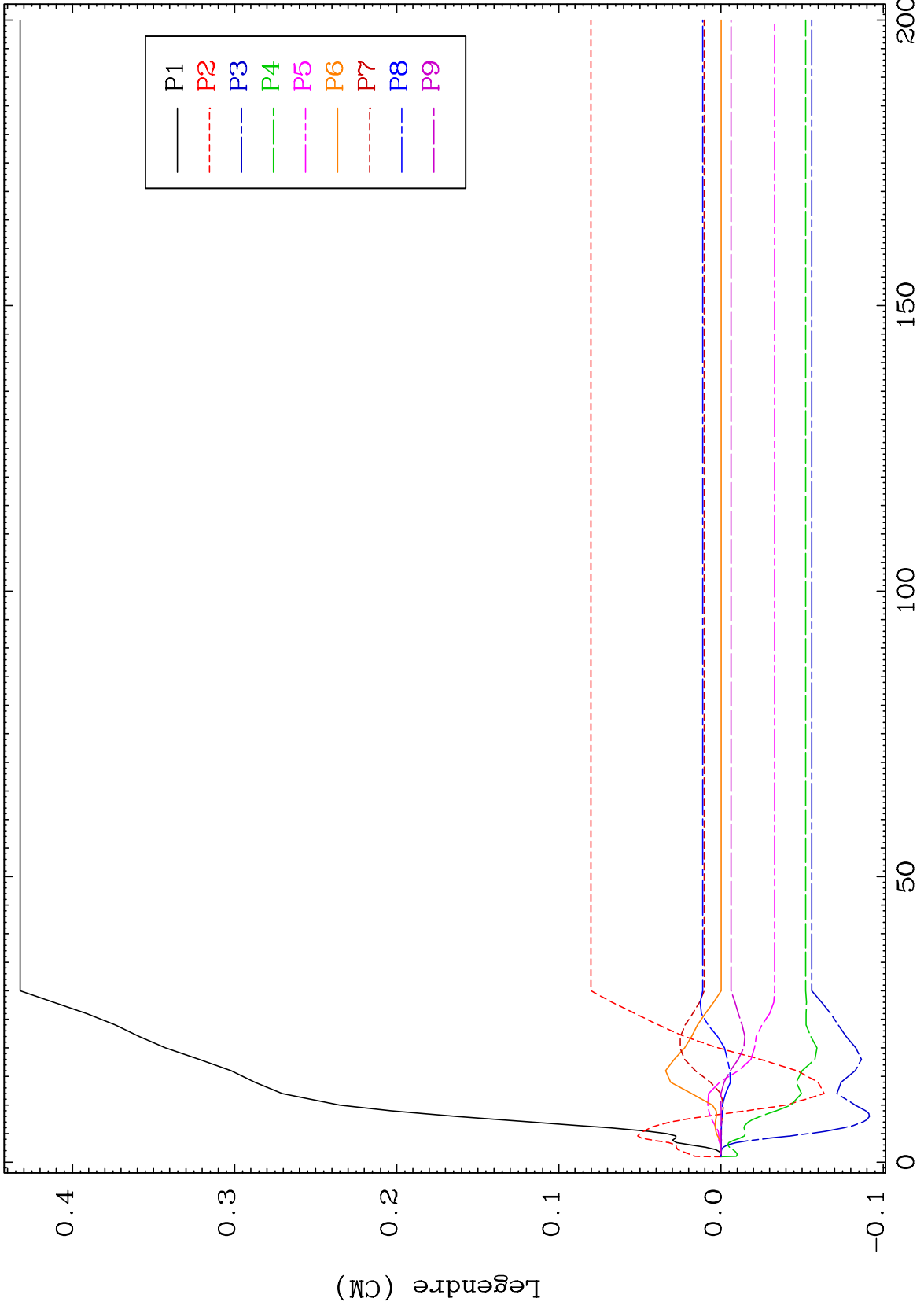


94 59-Pr-150

MAT 5952

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

59-Pr-150



59-Pr-150

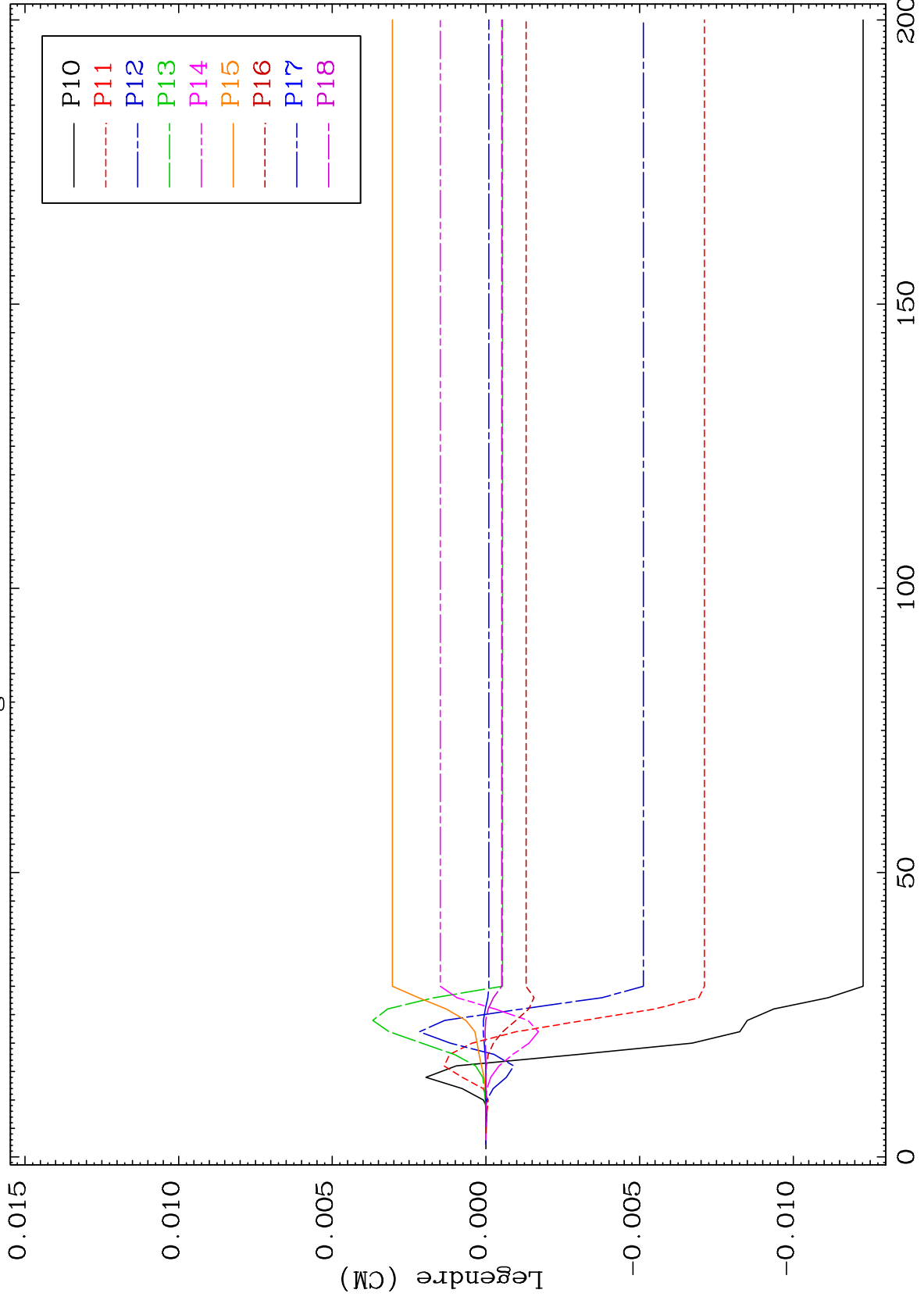
Incident Energy (MeV)

95

MAT 5952

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

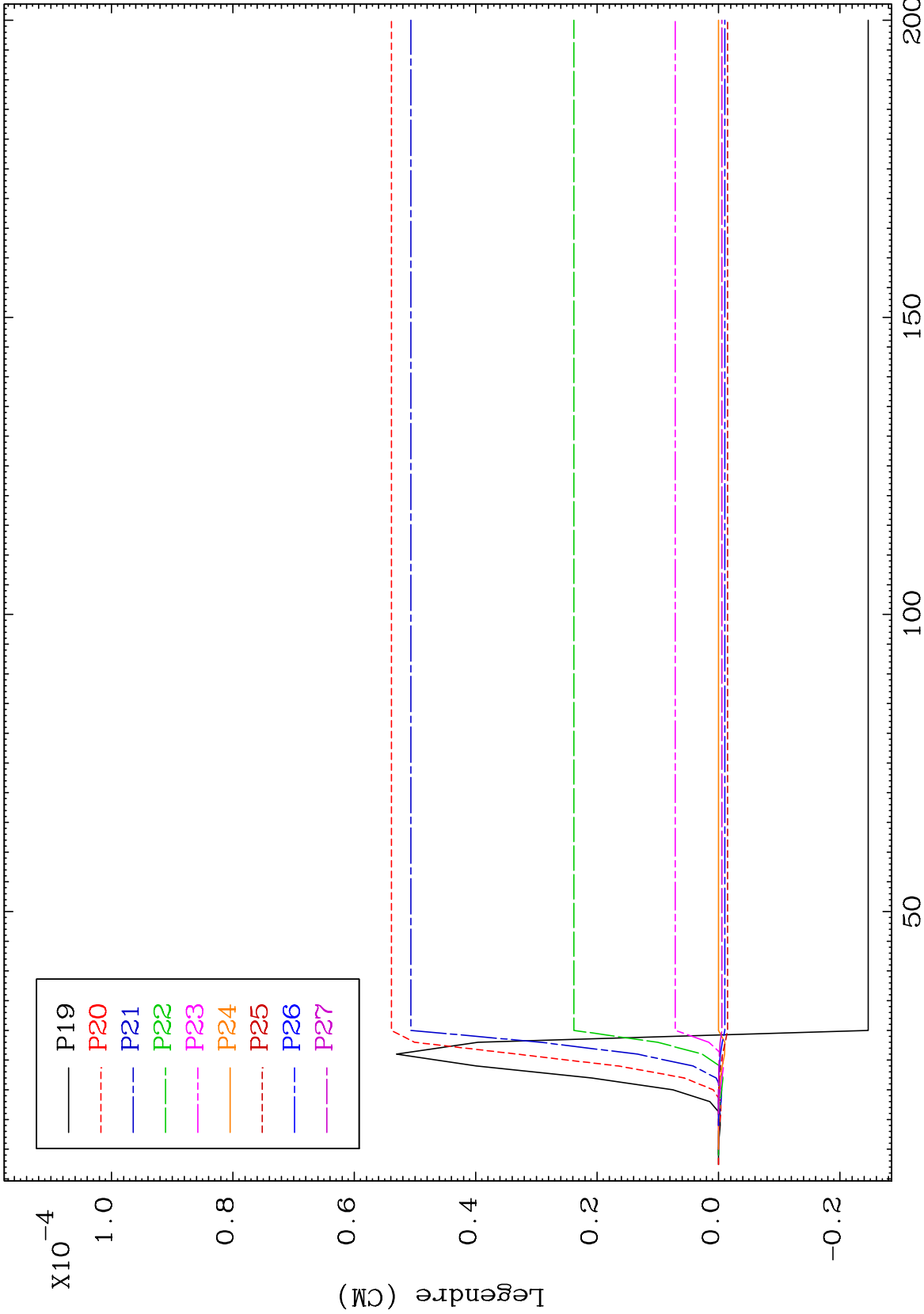
59-Pr-150



96

Incident Energy (MeV)

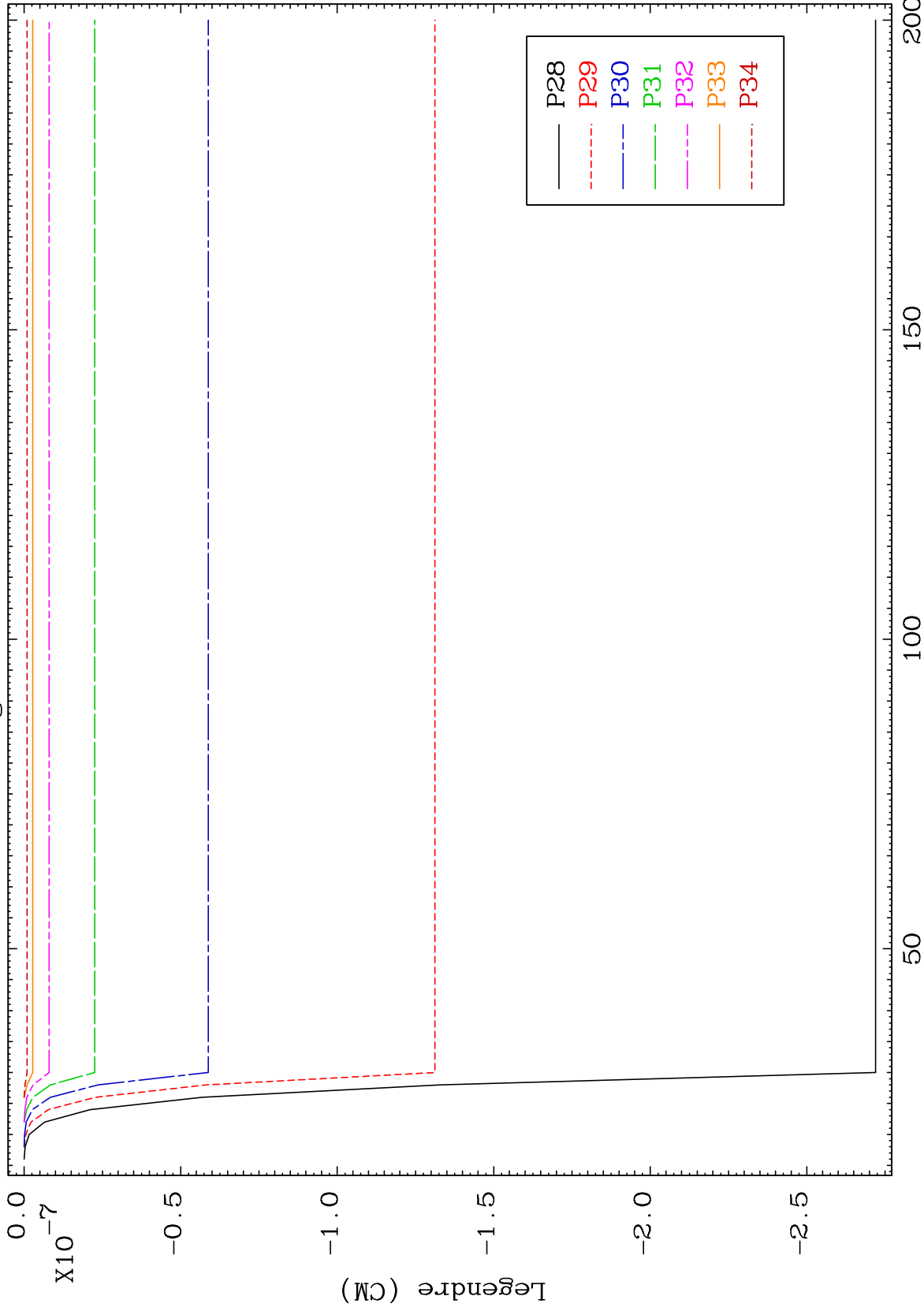
59-Pr-150



MAT 5952

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

59-Pr-150



98

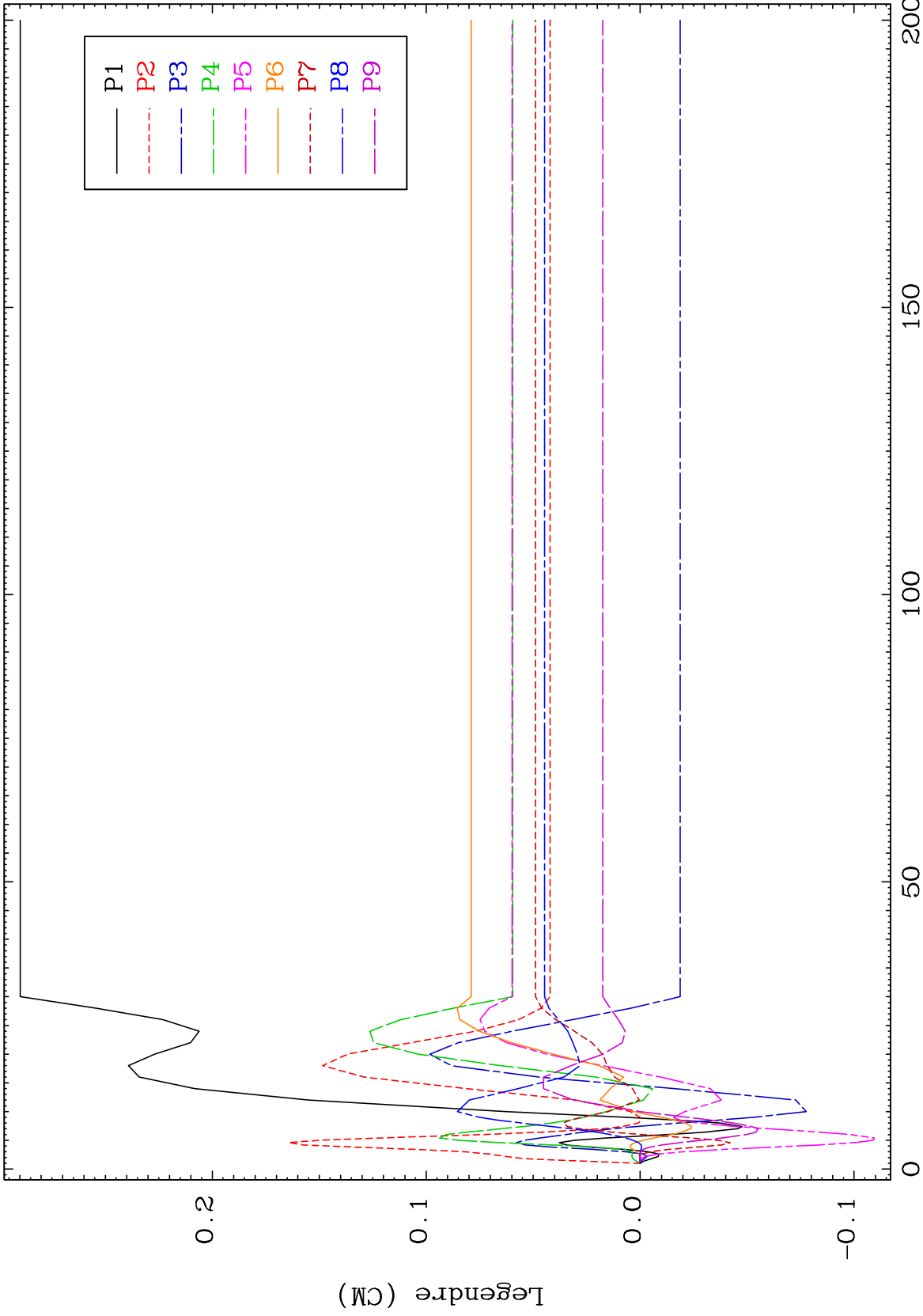
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



99

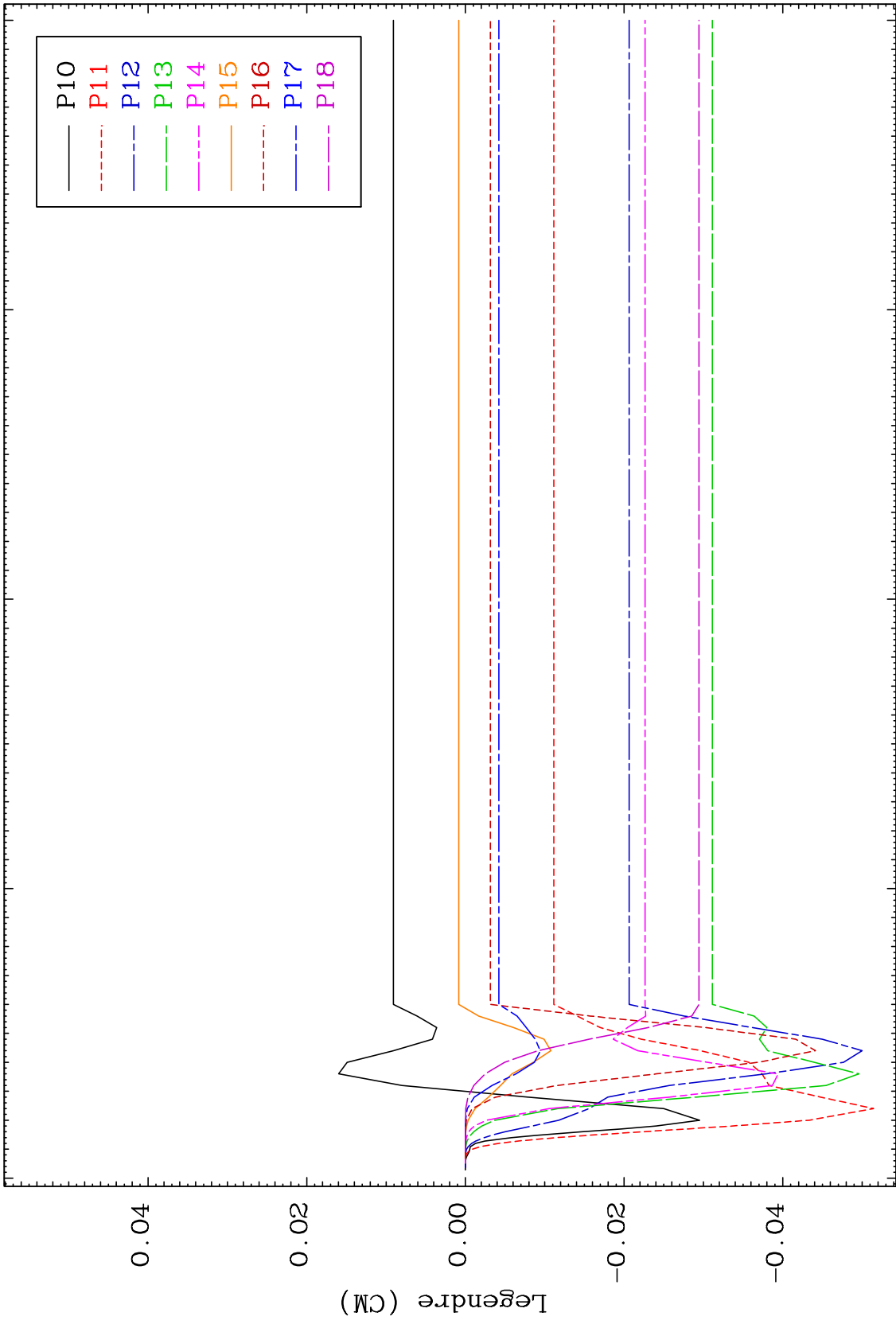
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



59-Pr-150

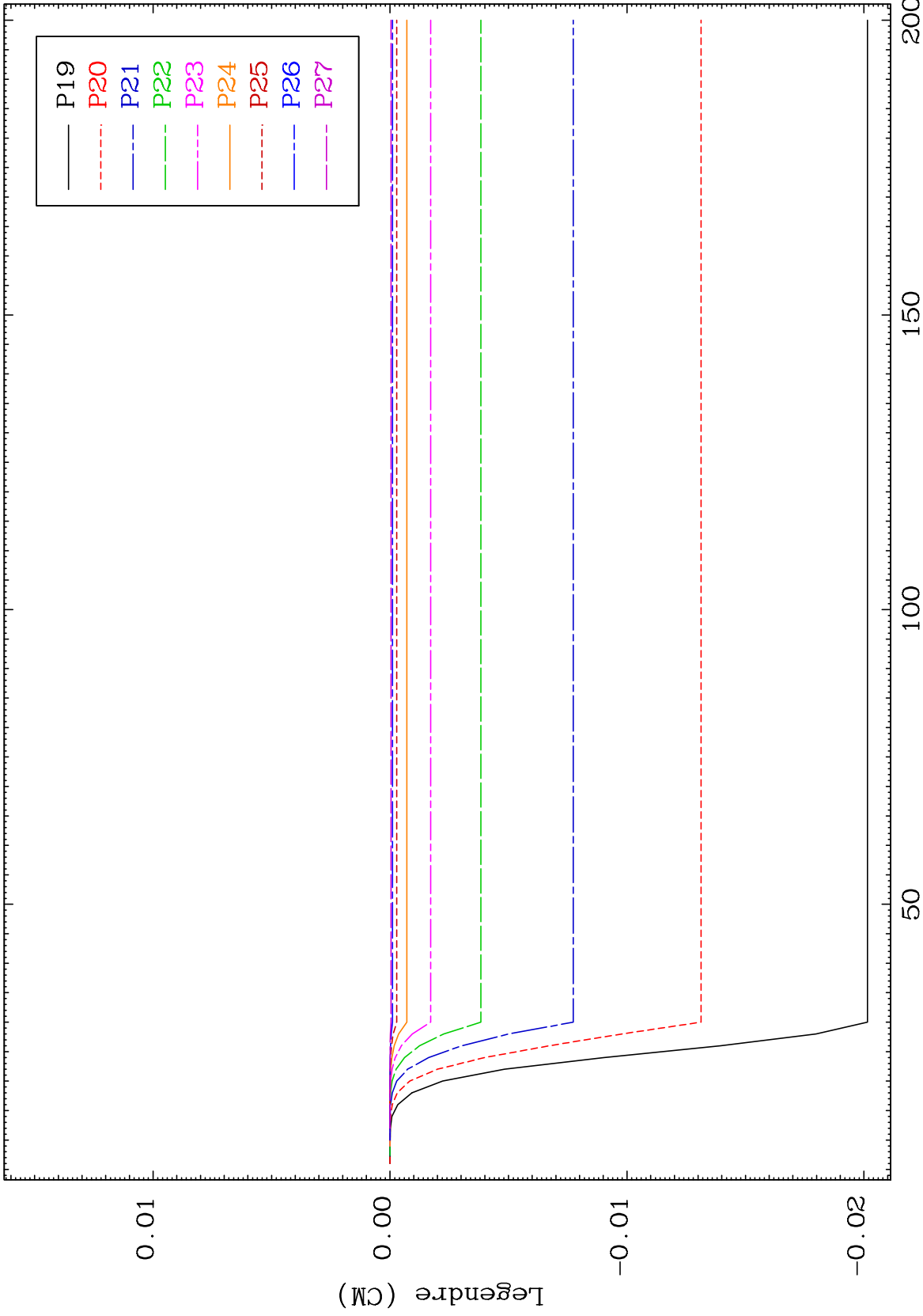
Incident Energy (MeV)

100

MAT 5952

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

59-Pr-150



101

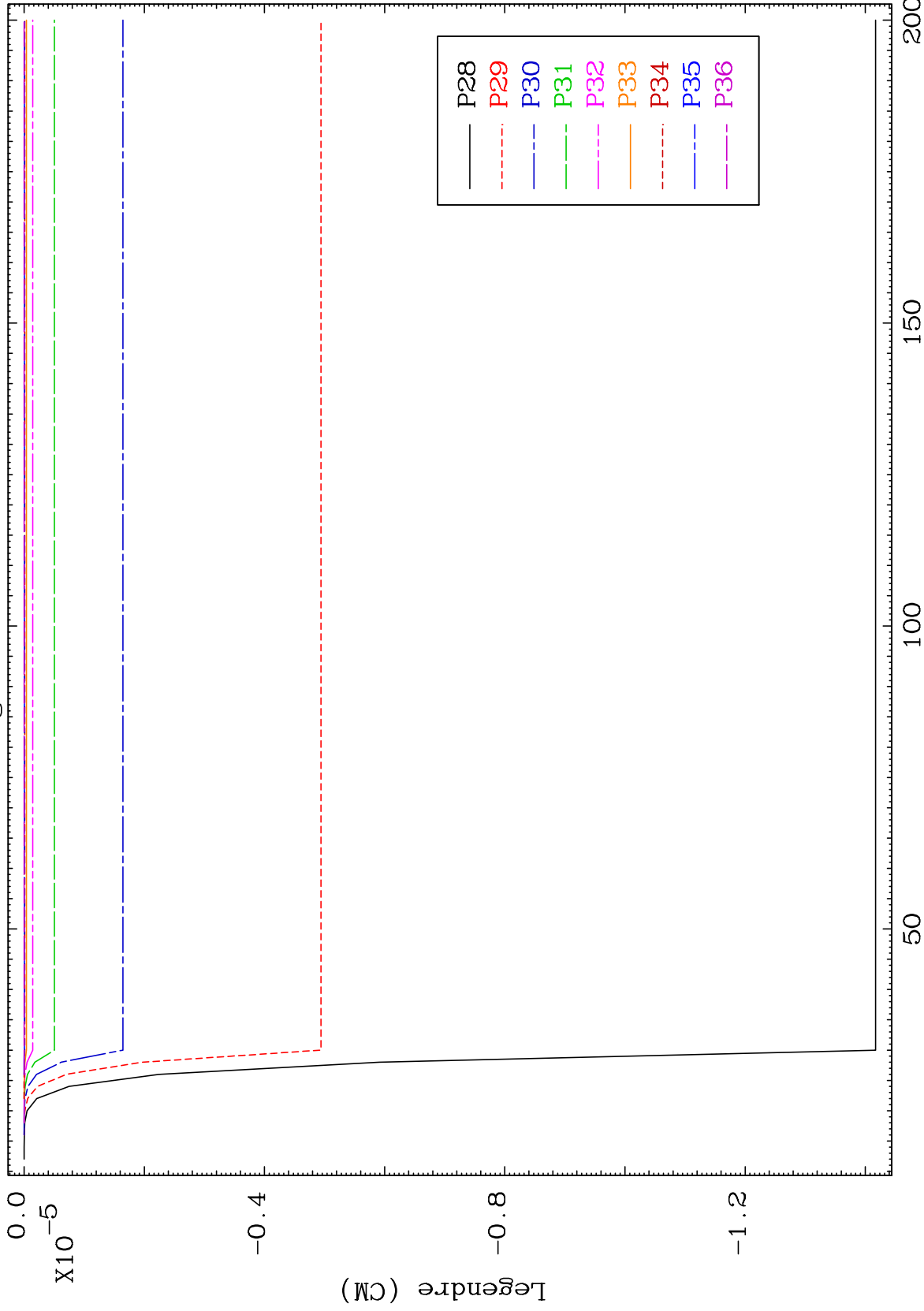
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



59-Pr-150

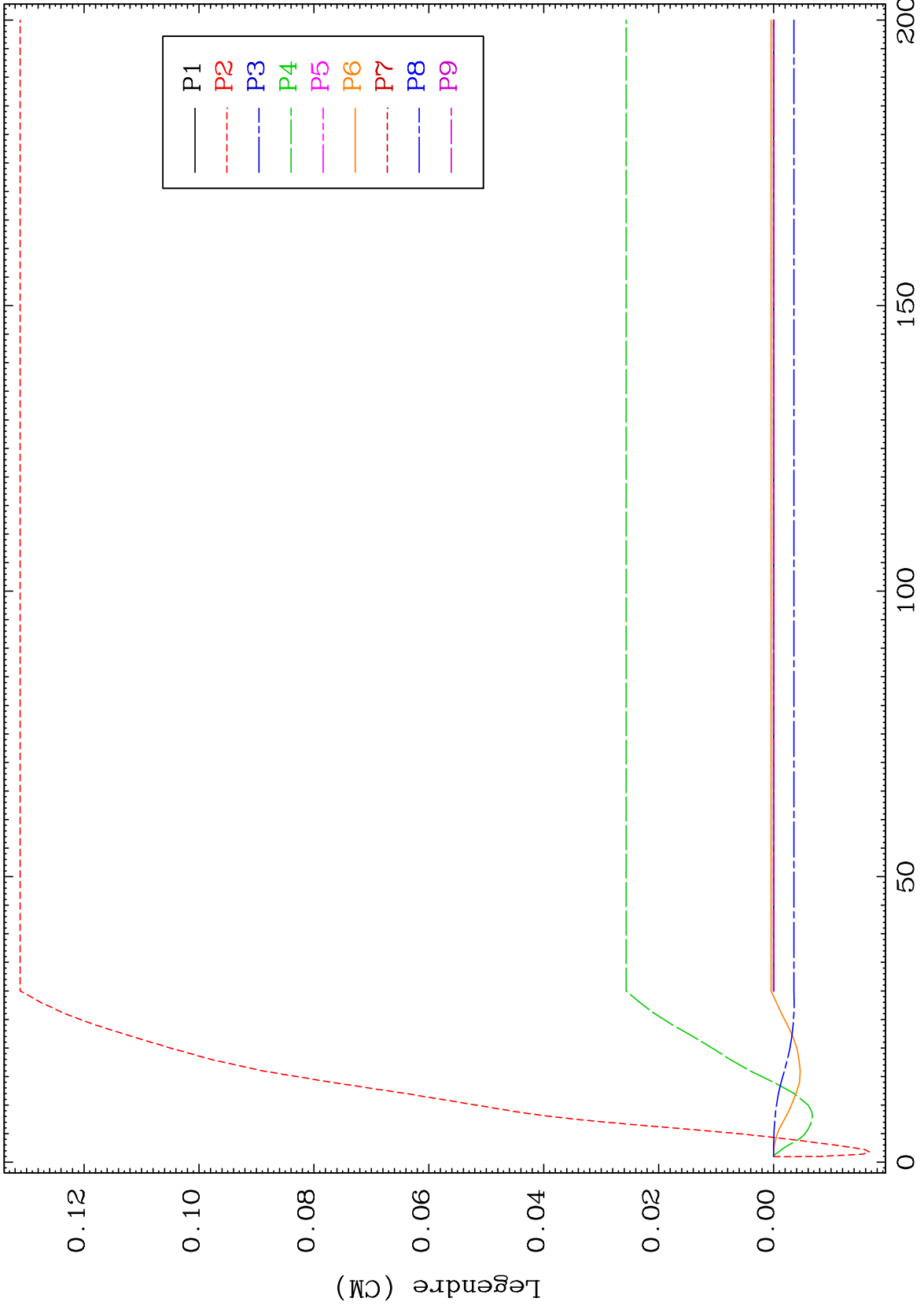
Incident Energy (MeV)

102

MAT 5952

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

59-Pr-150



103

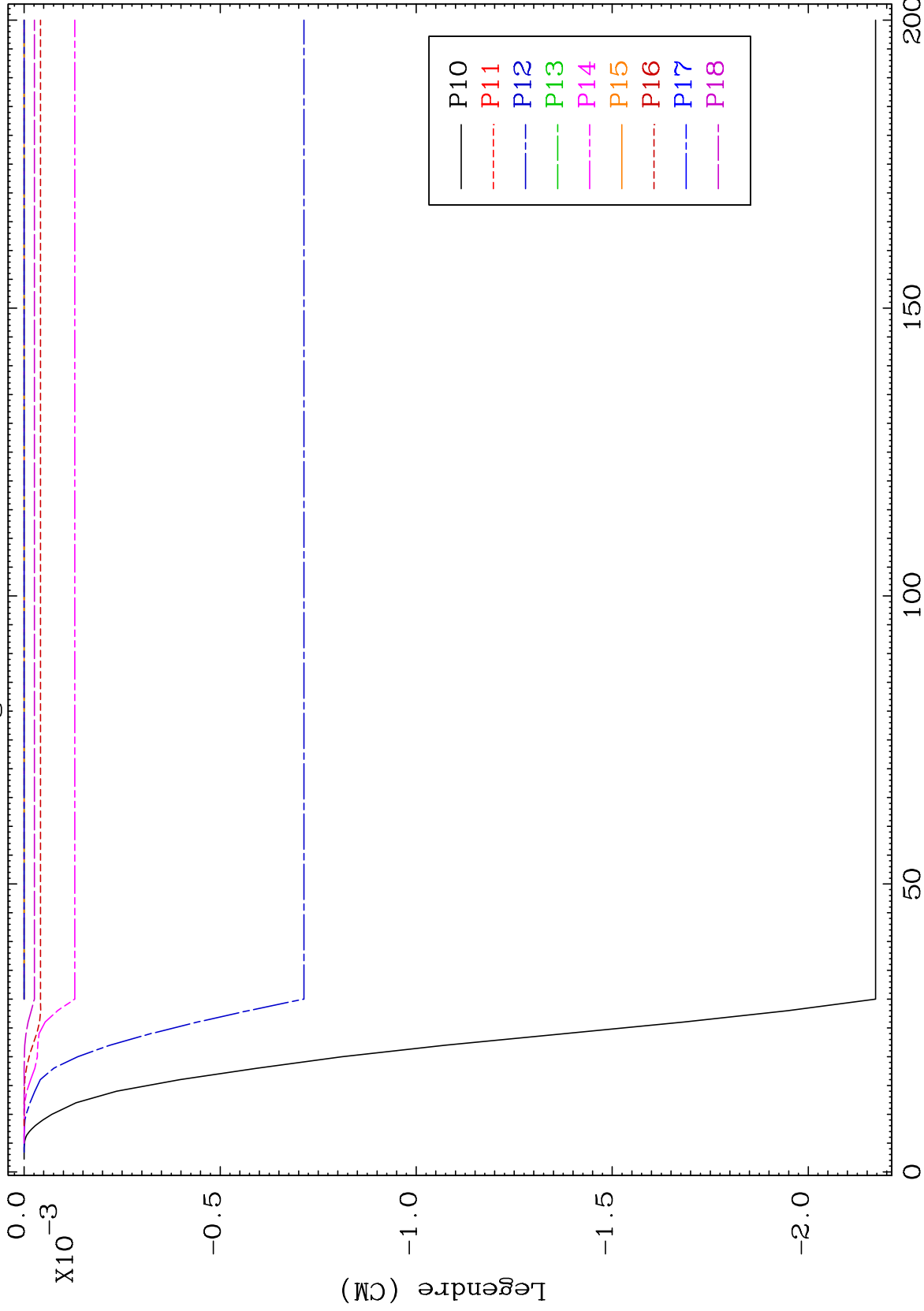
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



104

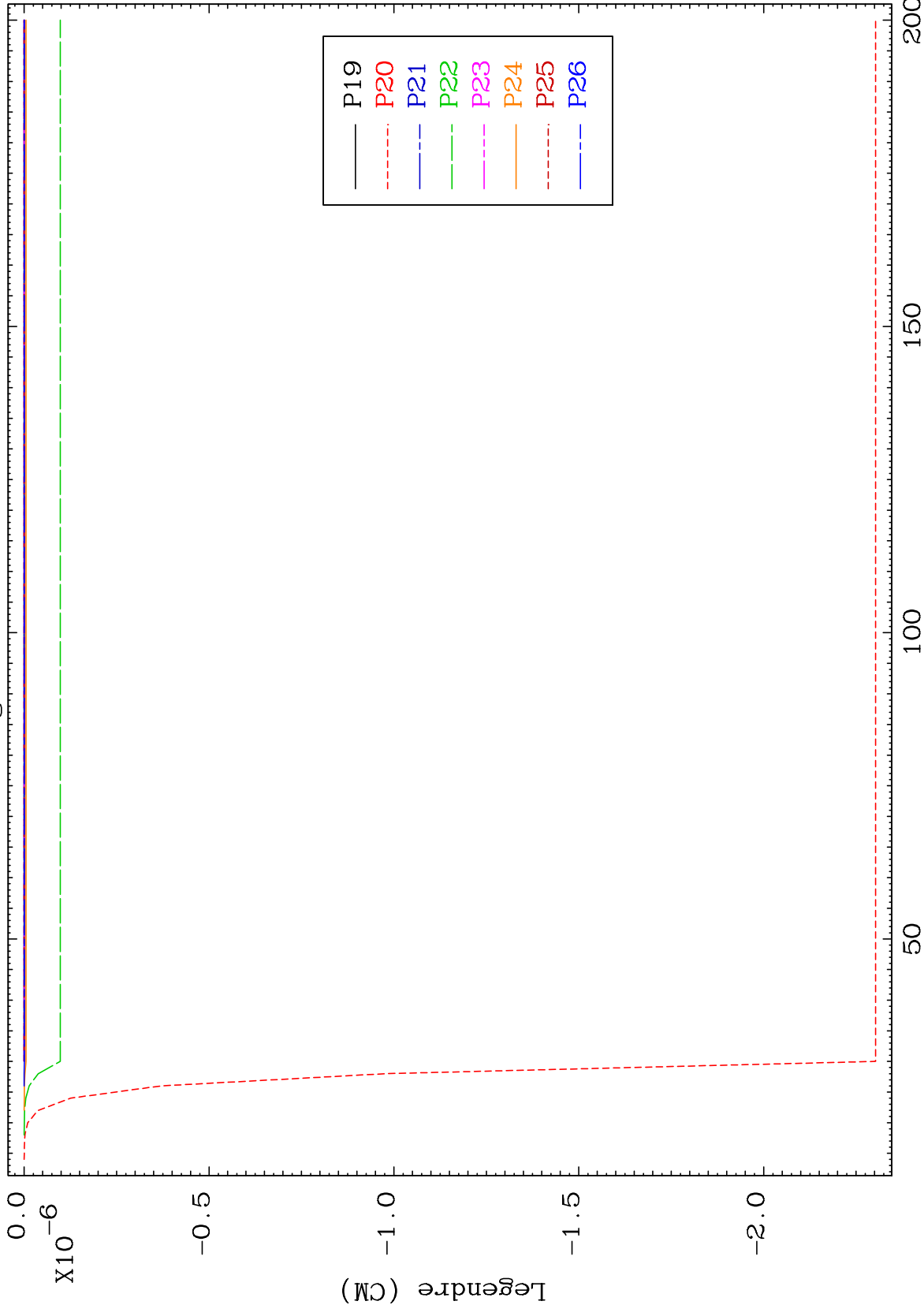
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



59-Pr-150

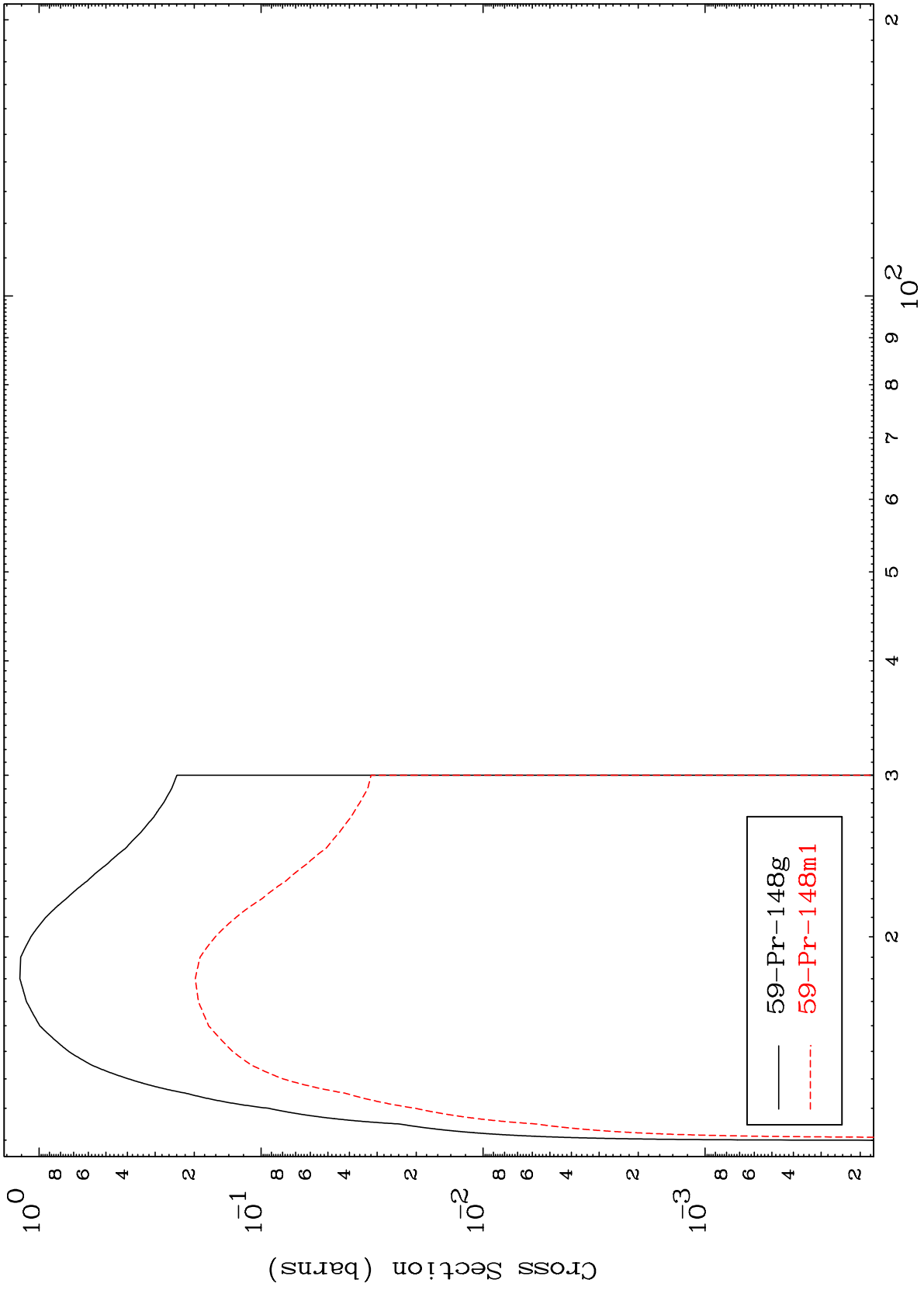
Incident Energy (MeV)

105

MAT 5952

59-Pr-150

(n,3n)
Radionuclide Production Cross Section



106

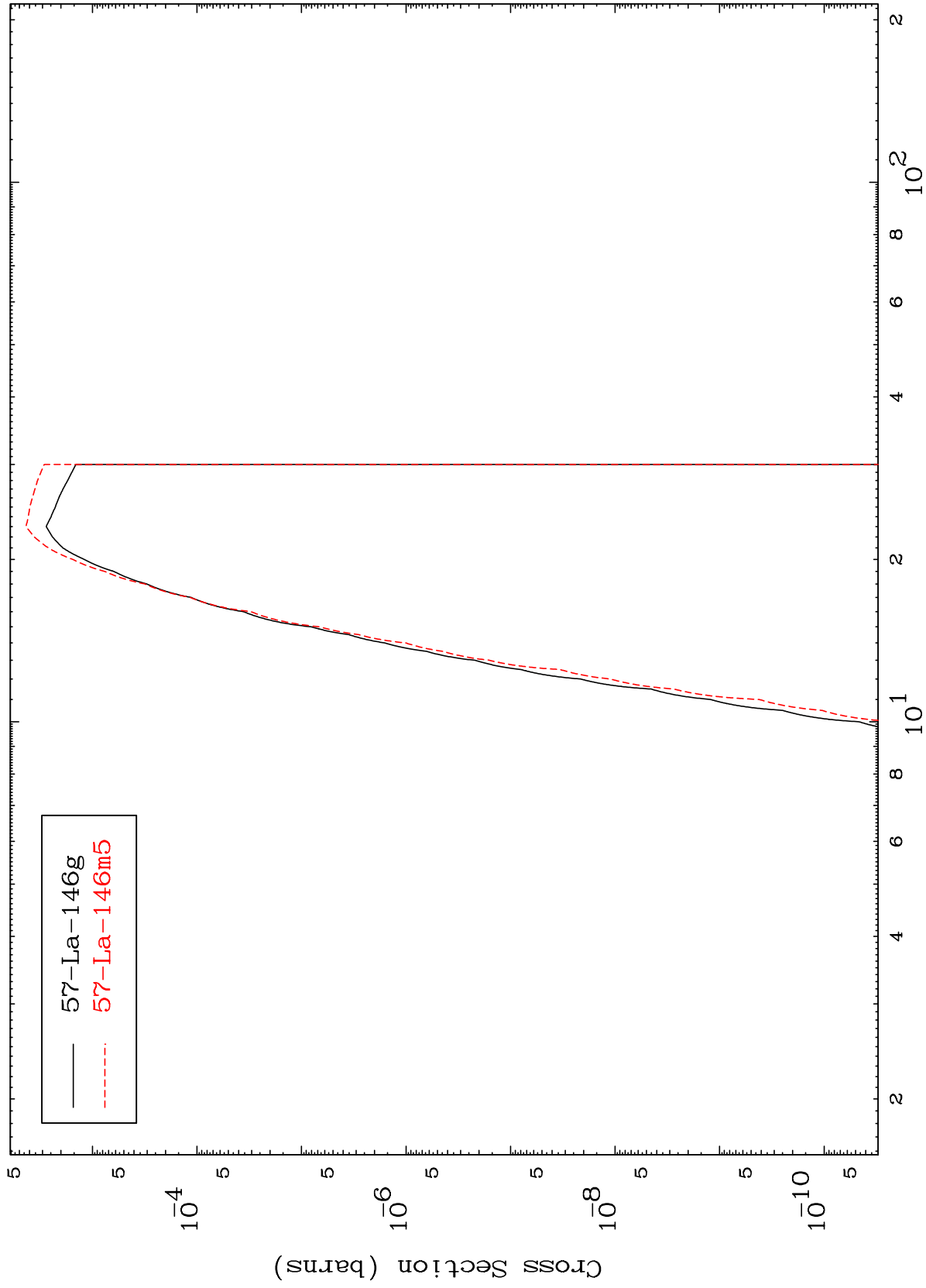
59-Pr-150

MAT 5952

(n,n') α

59-Pr-150

Radionuclide Production Cross Section



107

Incident Energy (MeV)

59-Pr-150