

Program EVALPLOT
(Version 2021-1)

by

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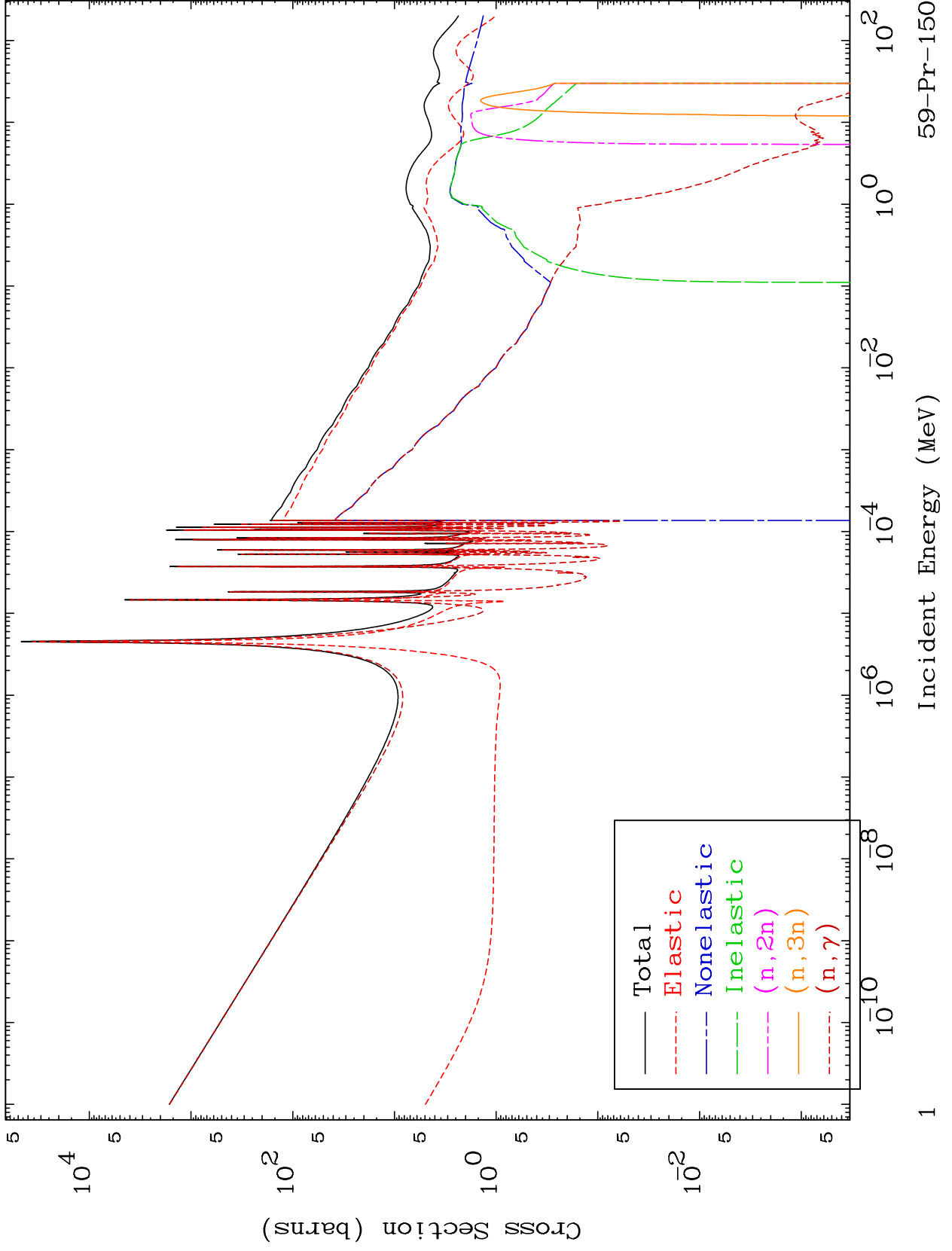
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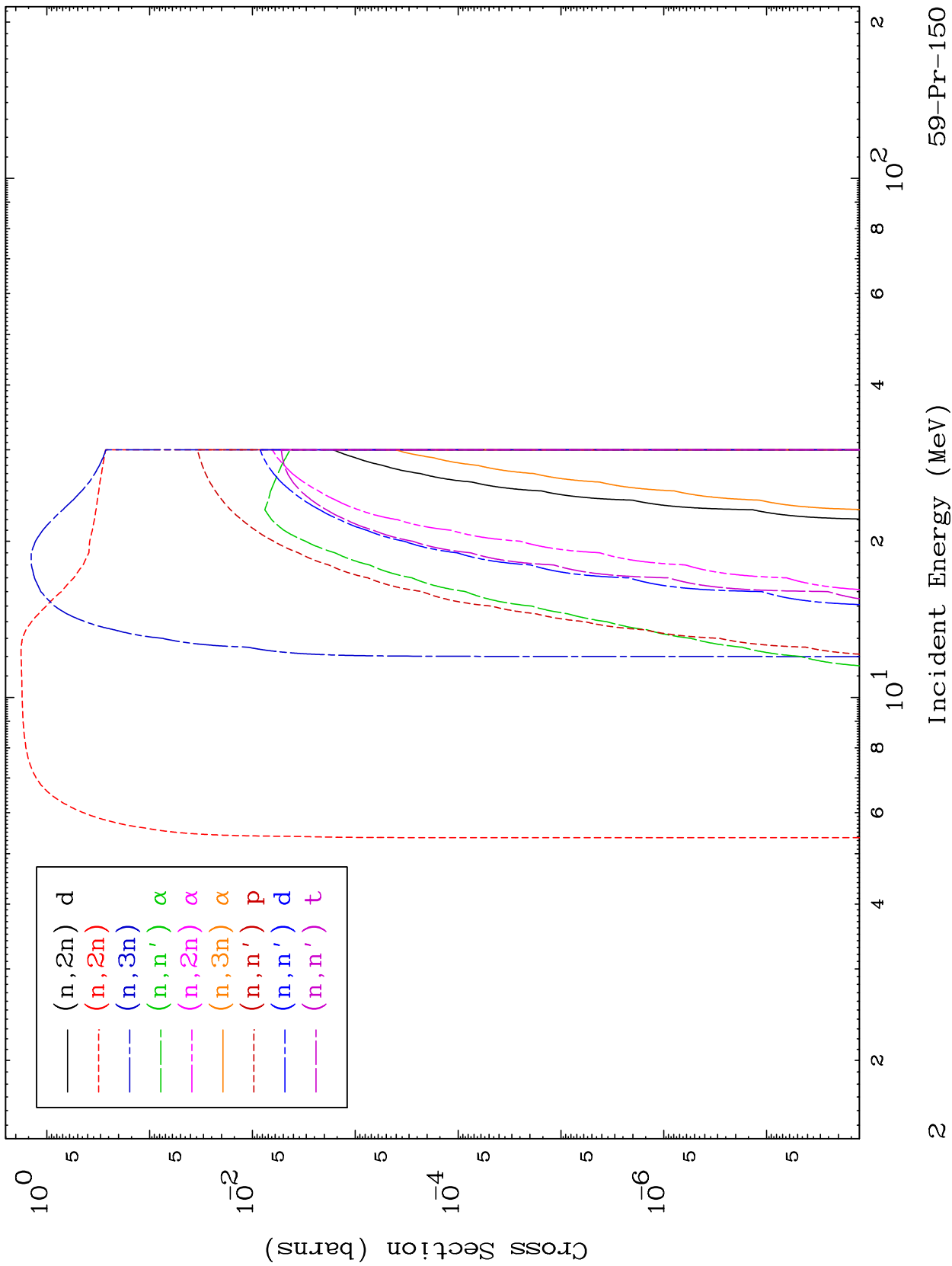
Press Mouse Button to Start

MAT 5952

Neutron Major
293 Kelvin Cross Sections

59-Pr-150

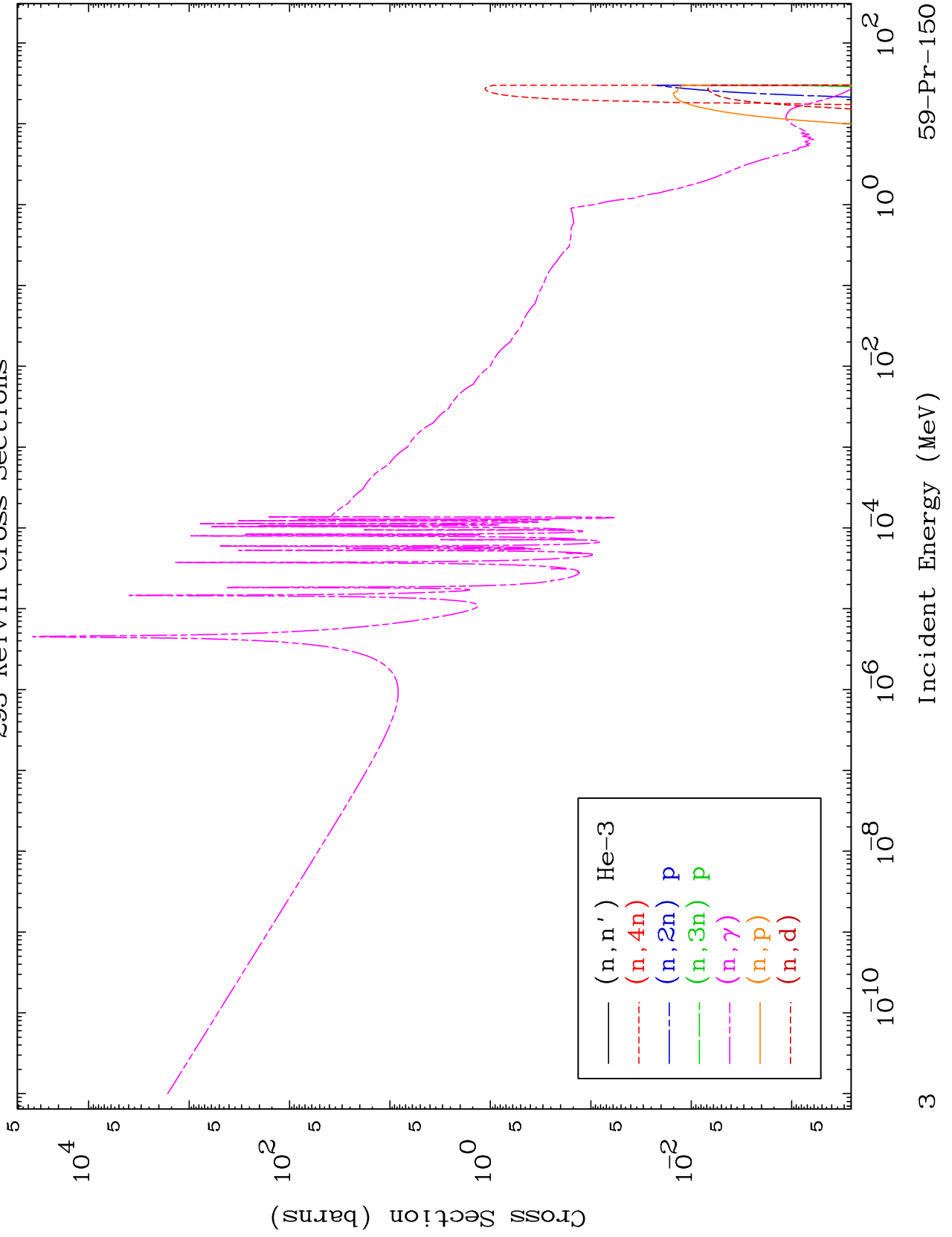




MAT 5952

Neutron Absorption
293 Kelvin Cross Sections

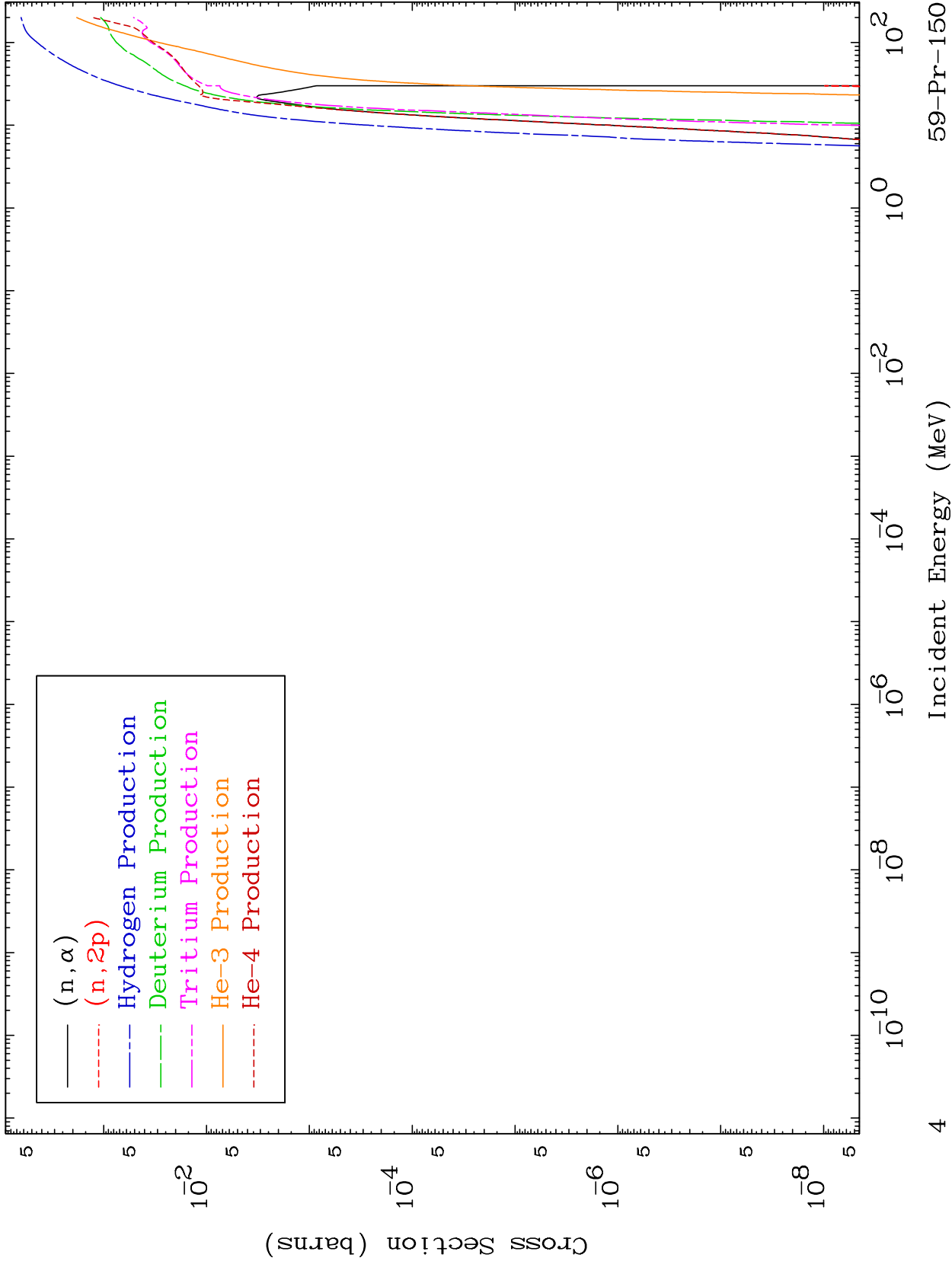
59-Pr-150

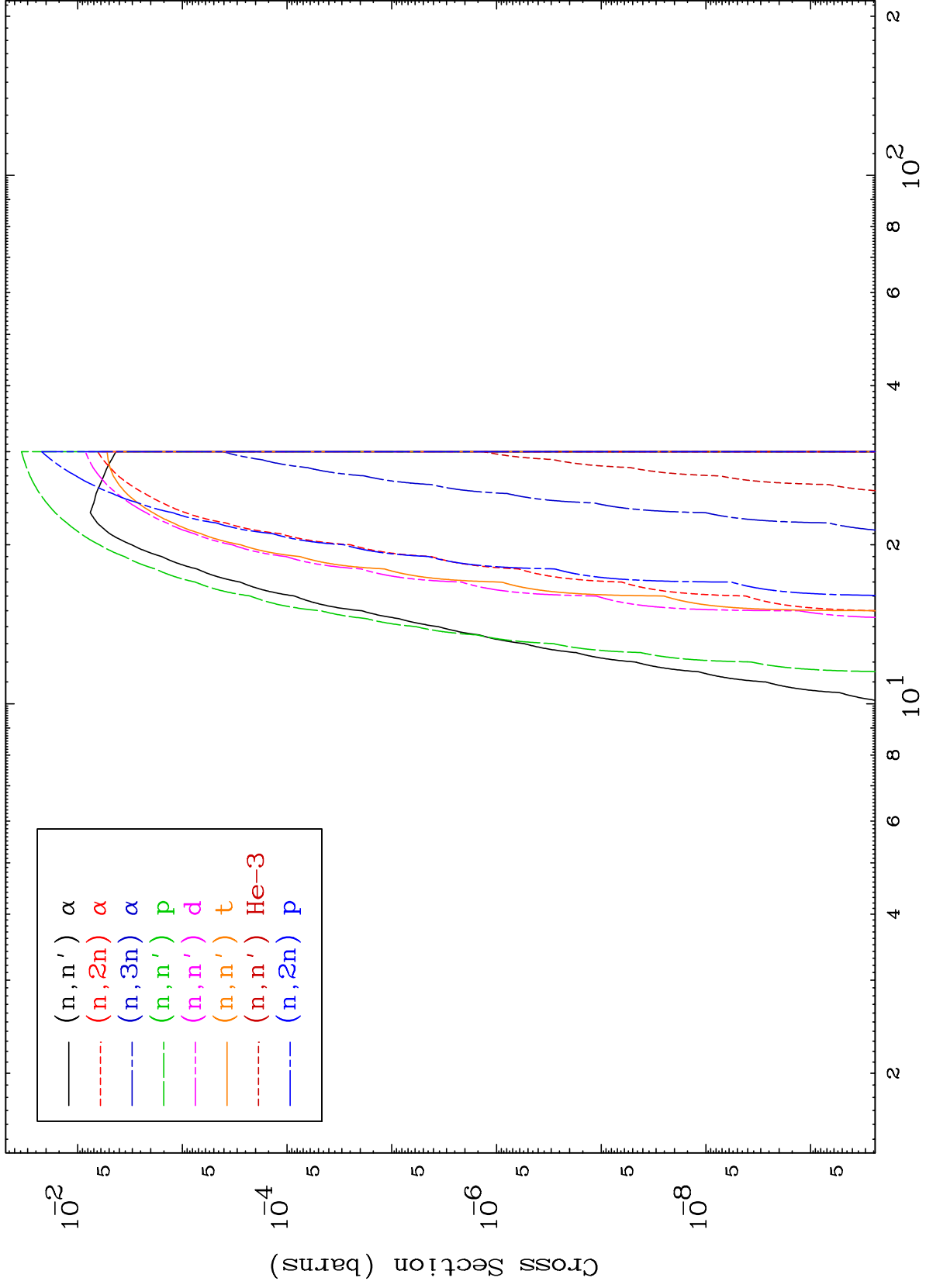


MAT 5952

Neutron Absorption
293 Kelvin Cross Sections

59-Pr-150

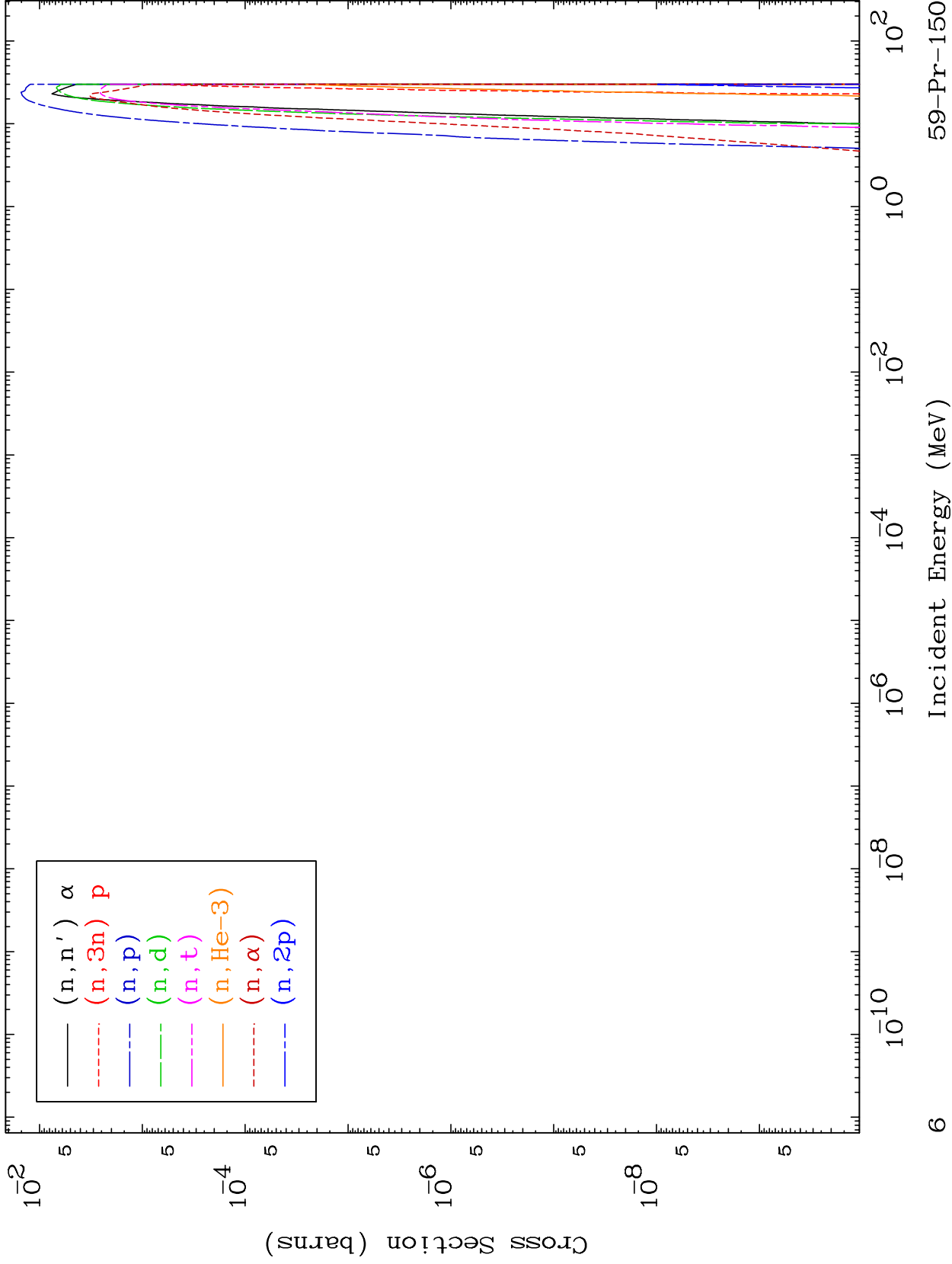




MAT 5952

Charged Particle
293 Kelvin Cross Sections

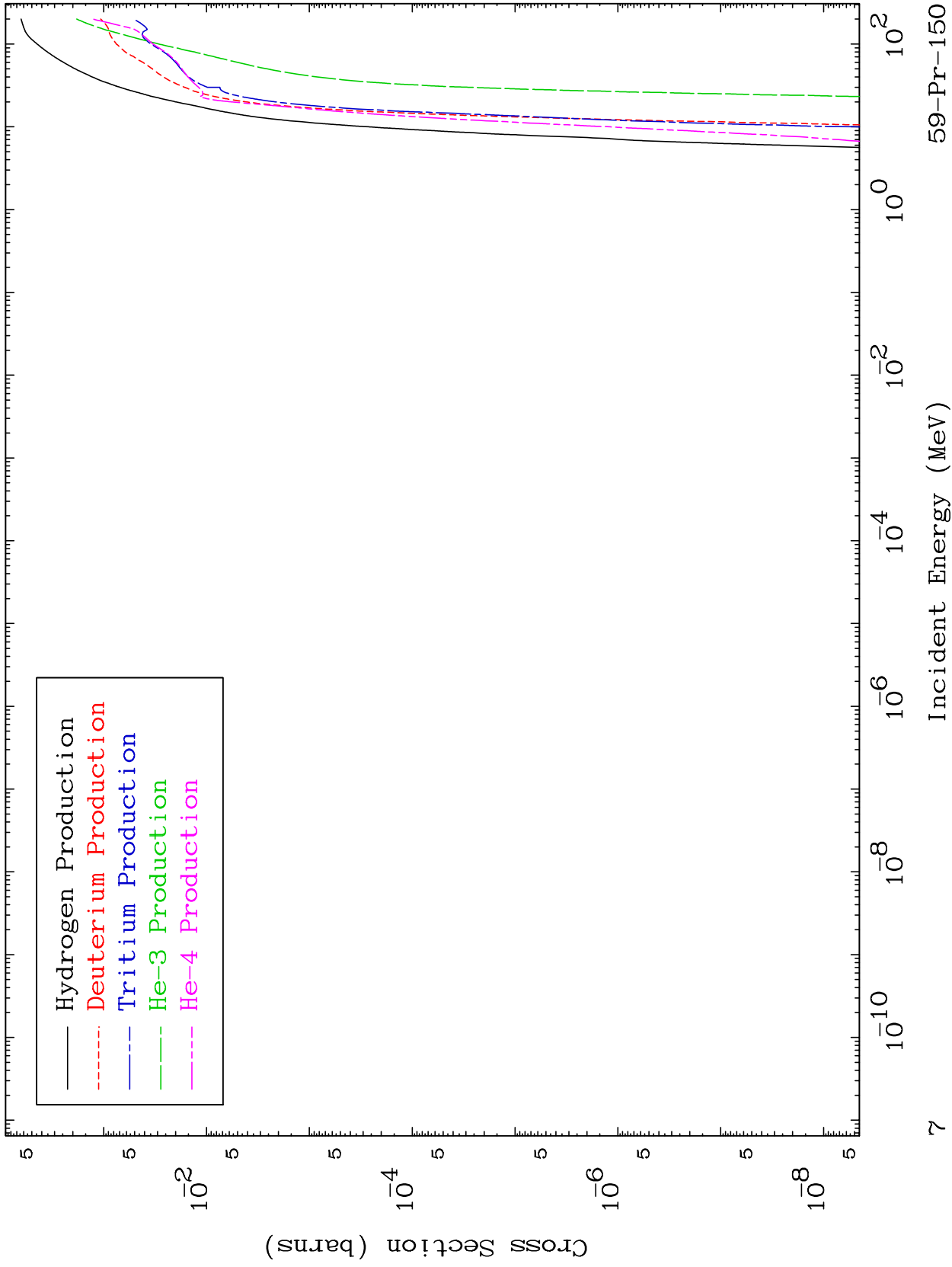
59-Pr-150



MAT 5952

Particle Production
293 Kelvin Cross Sections

59-Pr-150

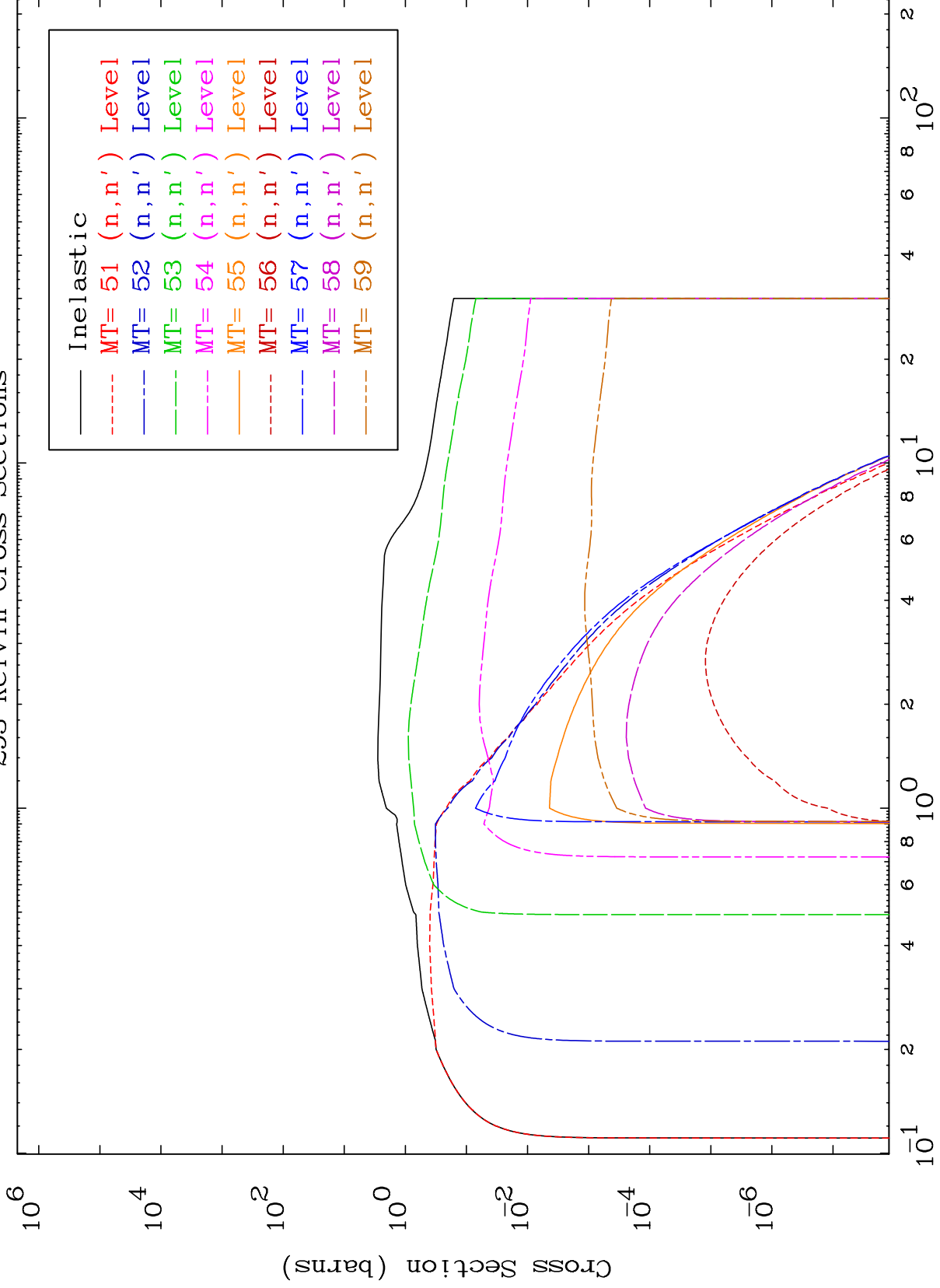


MAT 5952

(n,n') Levels

59-Pr-150

293 Kelvin Cross Sections

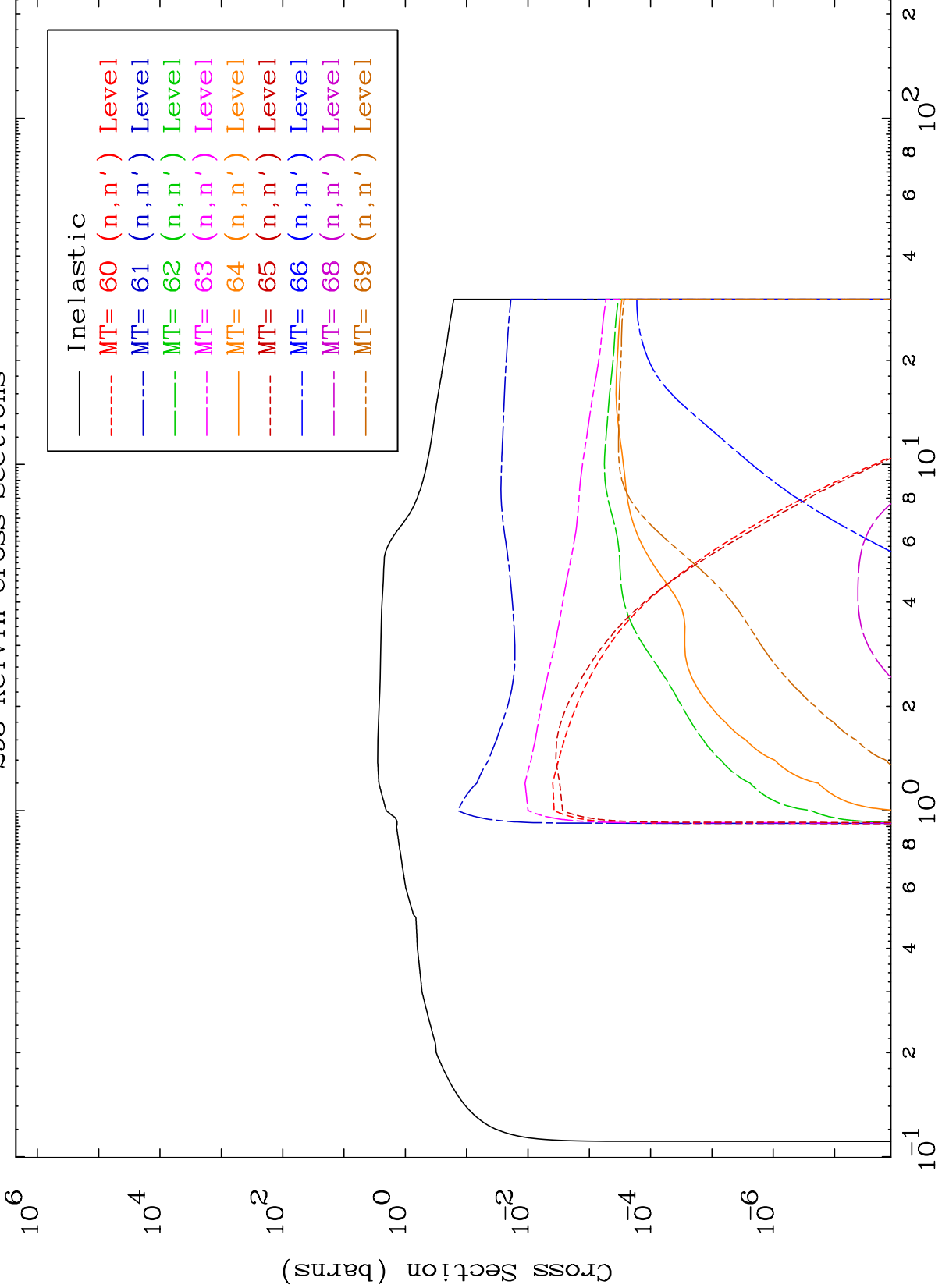


Incident Energy (MeV)

59-Pr-150

8

293 Kelvin Cross Sections



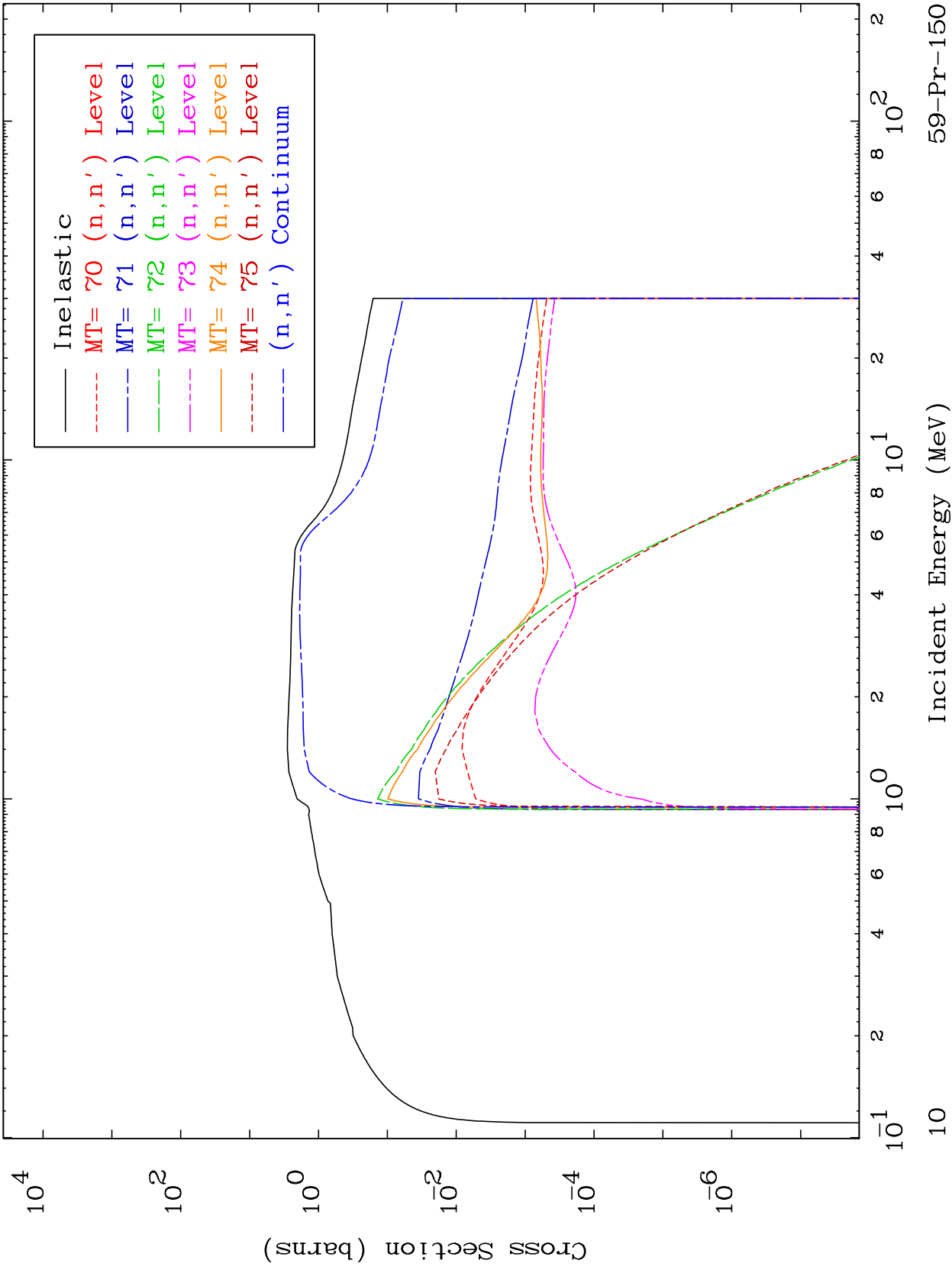
Incident Energy (MeV)

MAT 5952

(n,n') Levels

293 Kelvin Cross Sections

59-Pr-150



59-Pr-150

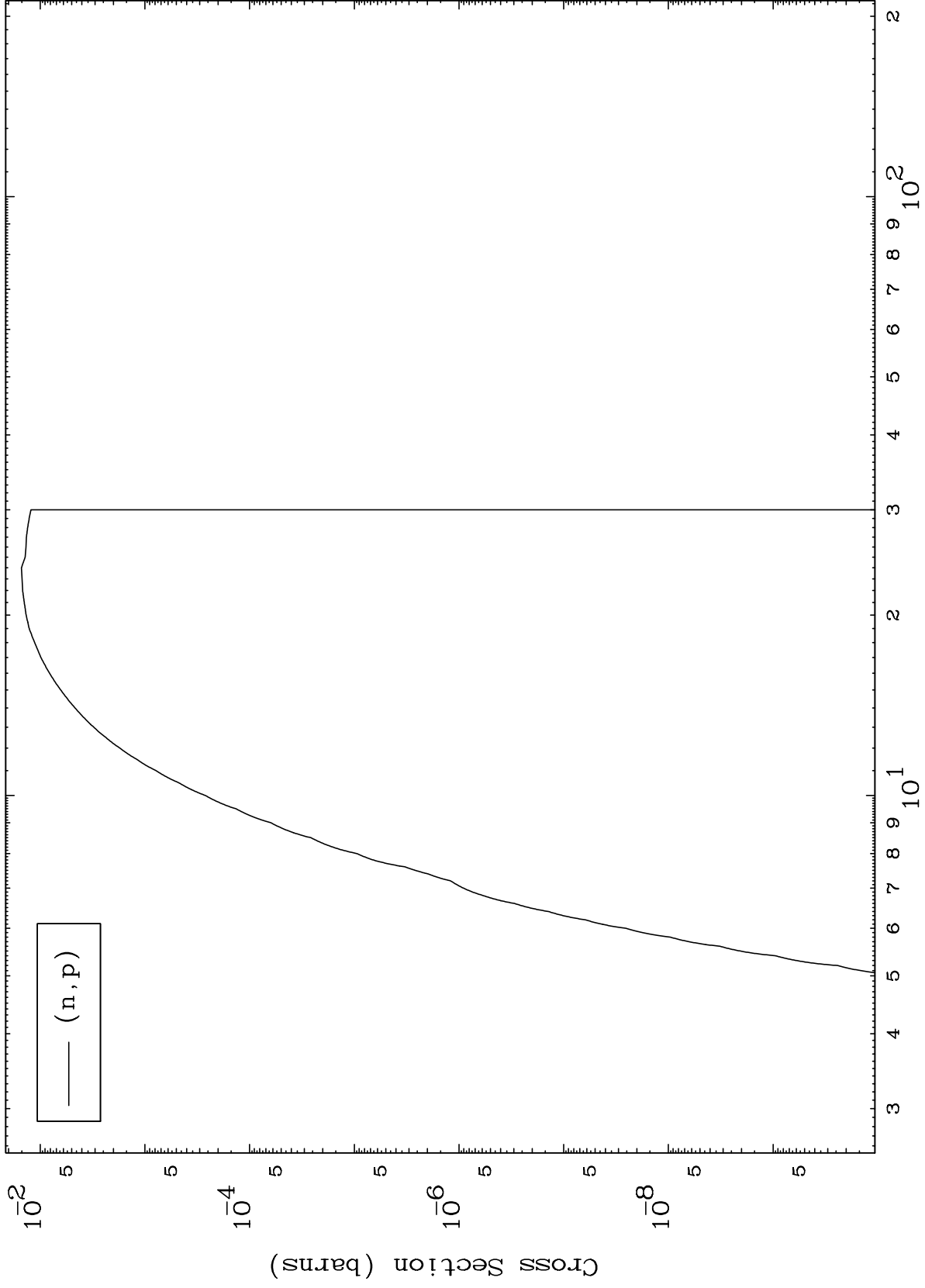
Incident Energy (MeV)

10

MAT 5952

(n,p) Levels
293 Kelvin Cross Sections

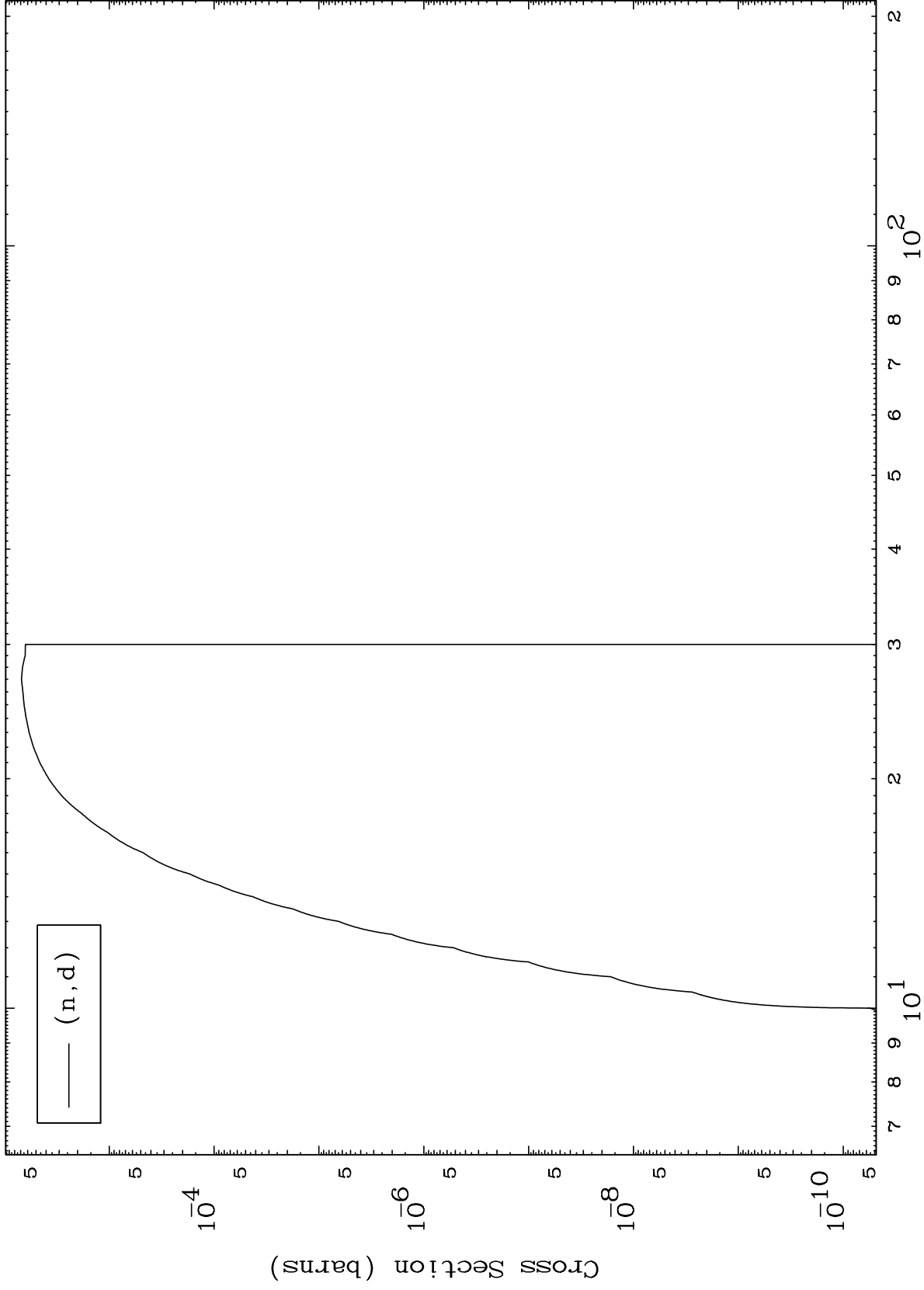
59-Pr-150



MAT 5952

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-150



12

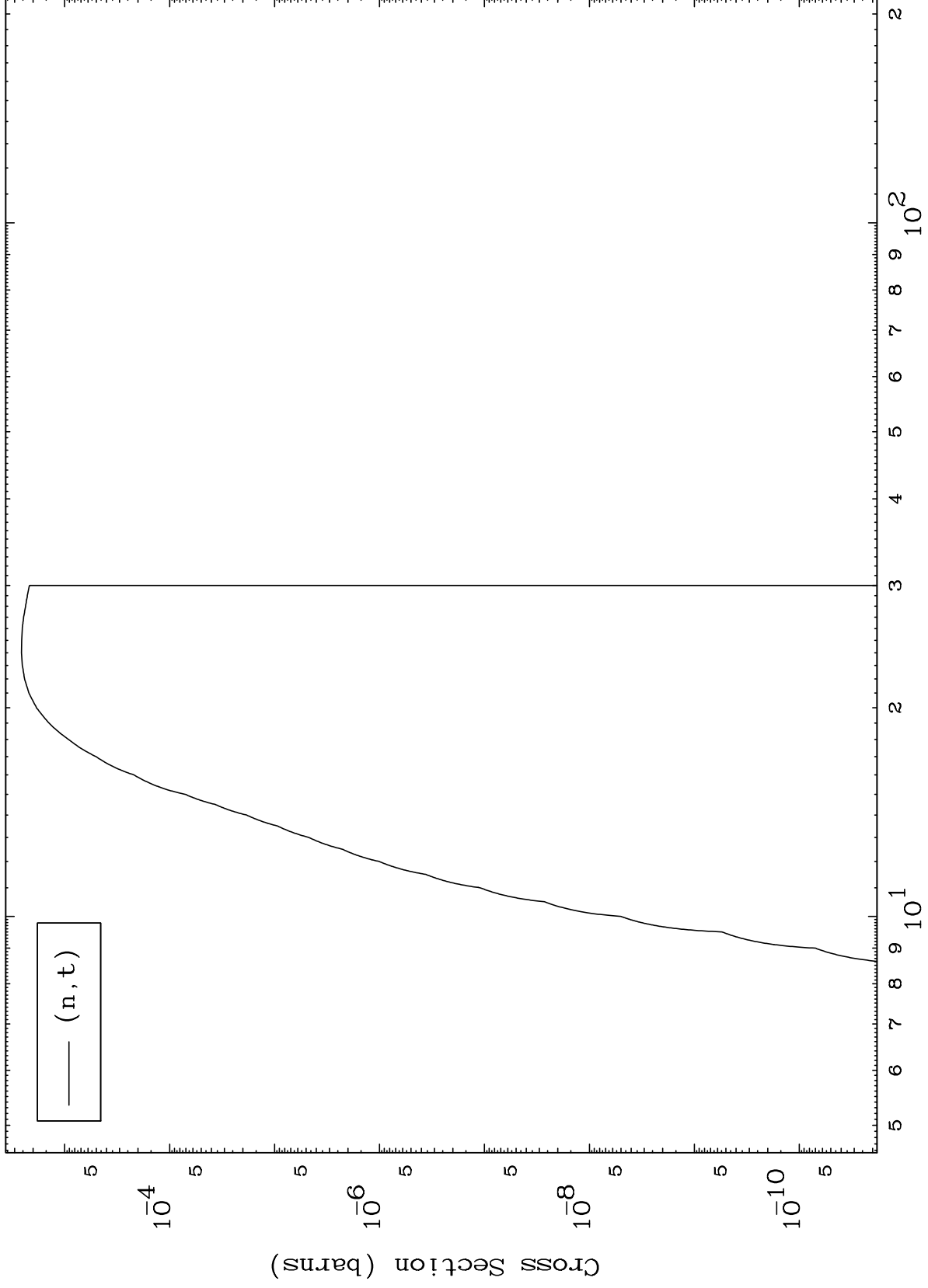
Incident Energy (MeV)

59-Pr-150

MAT 5952

(n,t) Levels
293 Kelvin Cross Sections

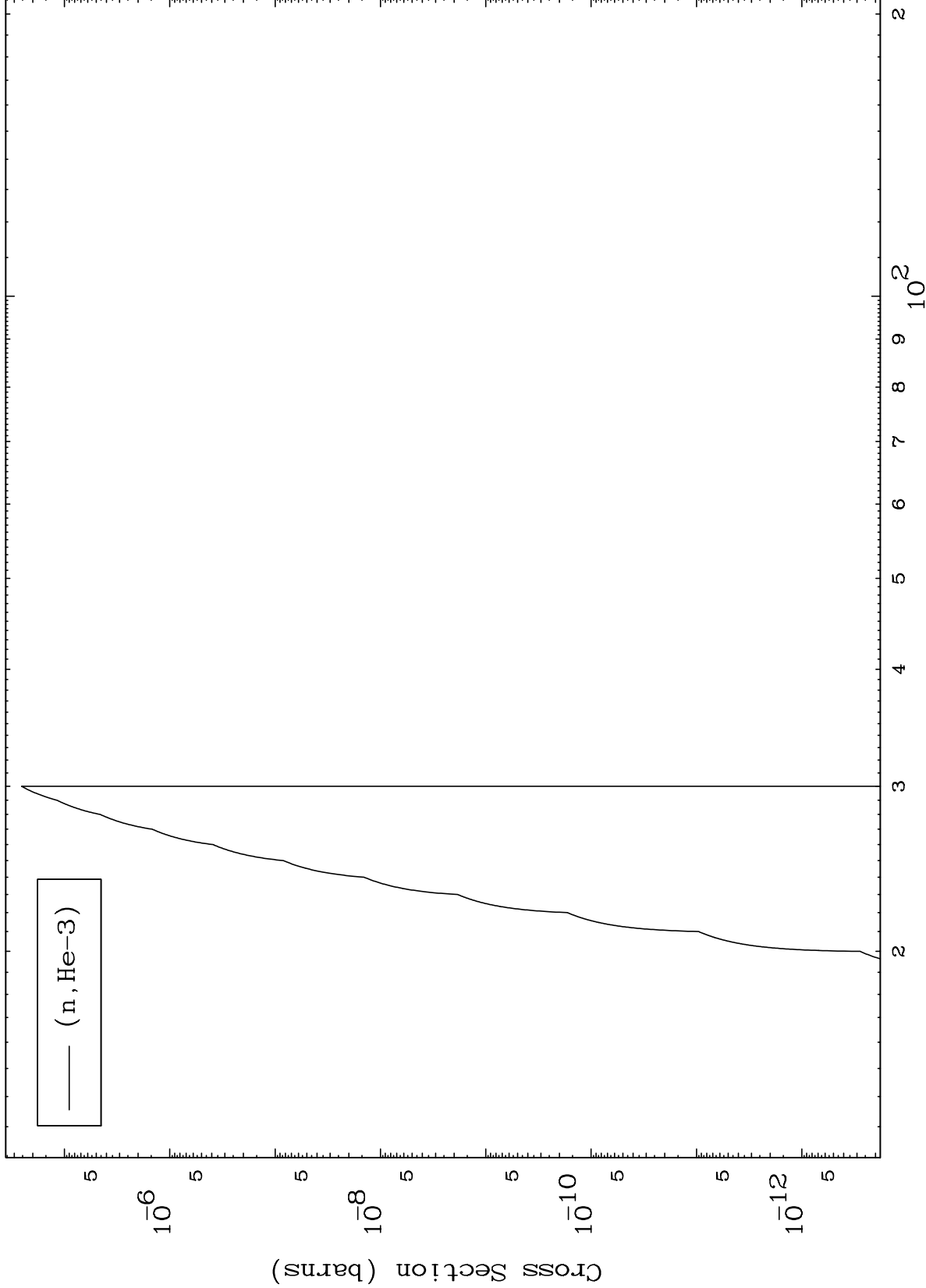
59-Pr-150



13

Incident Energy (MeV)

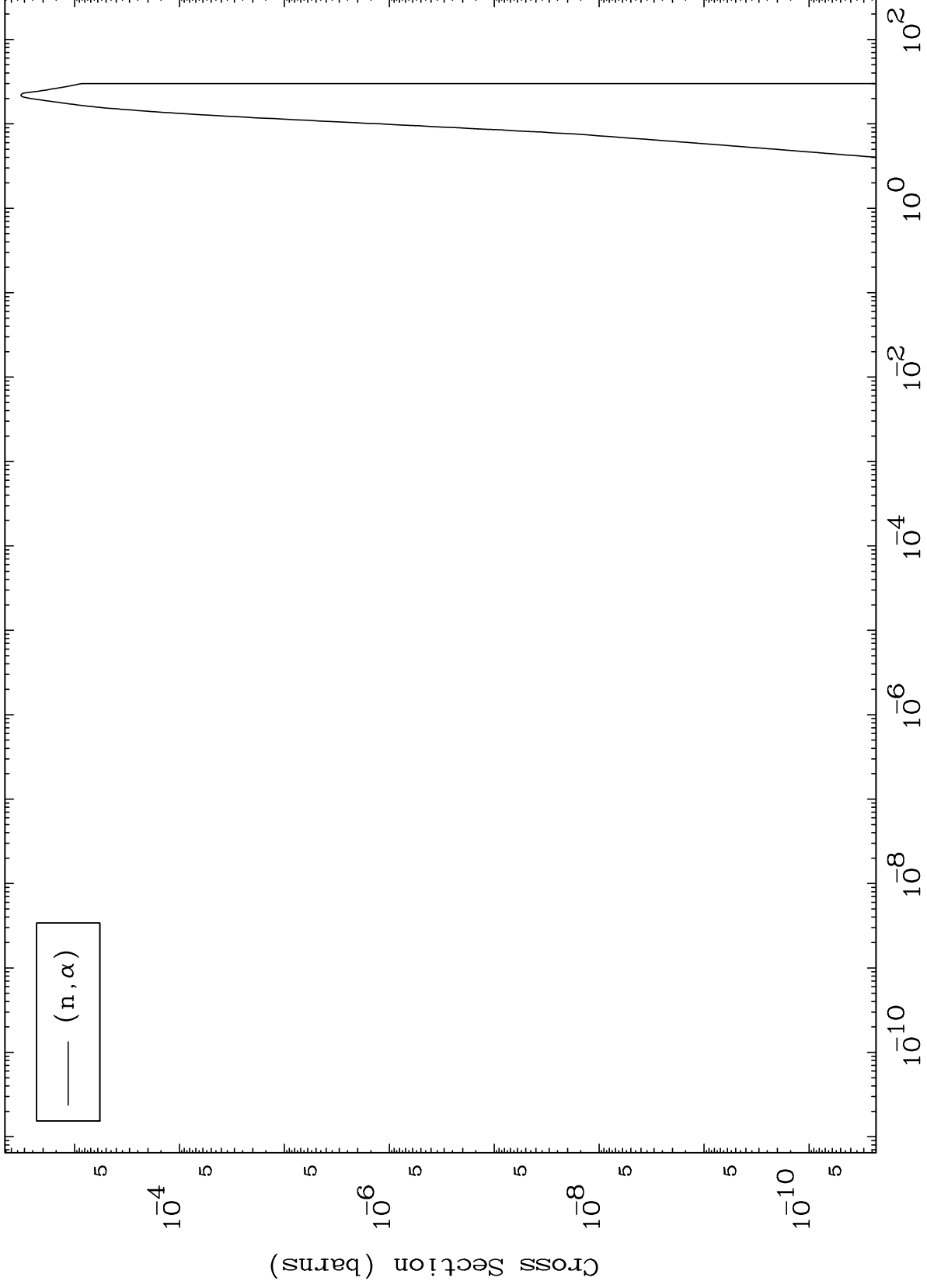
59-Pr-150



MAT 5952

(n, α) Levels
293 Kelvin Cross Sections

59-Pr-150

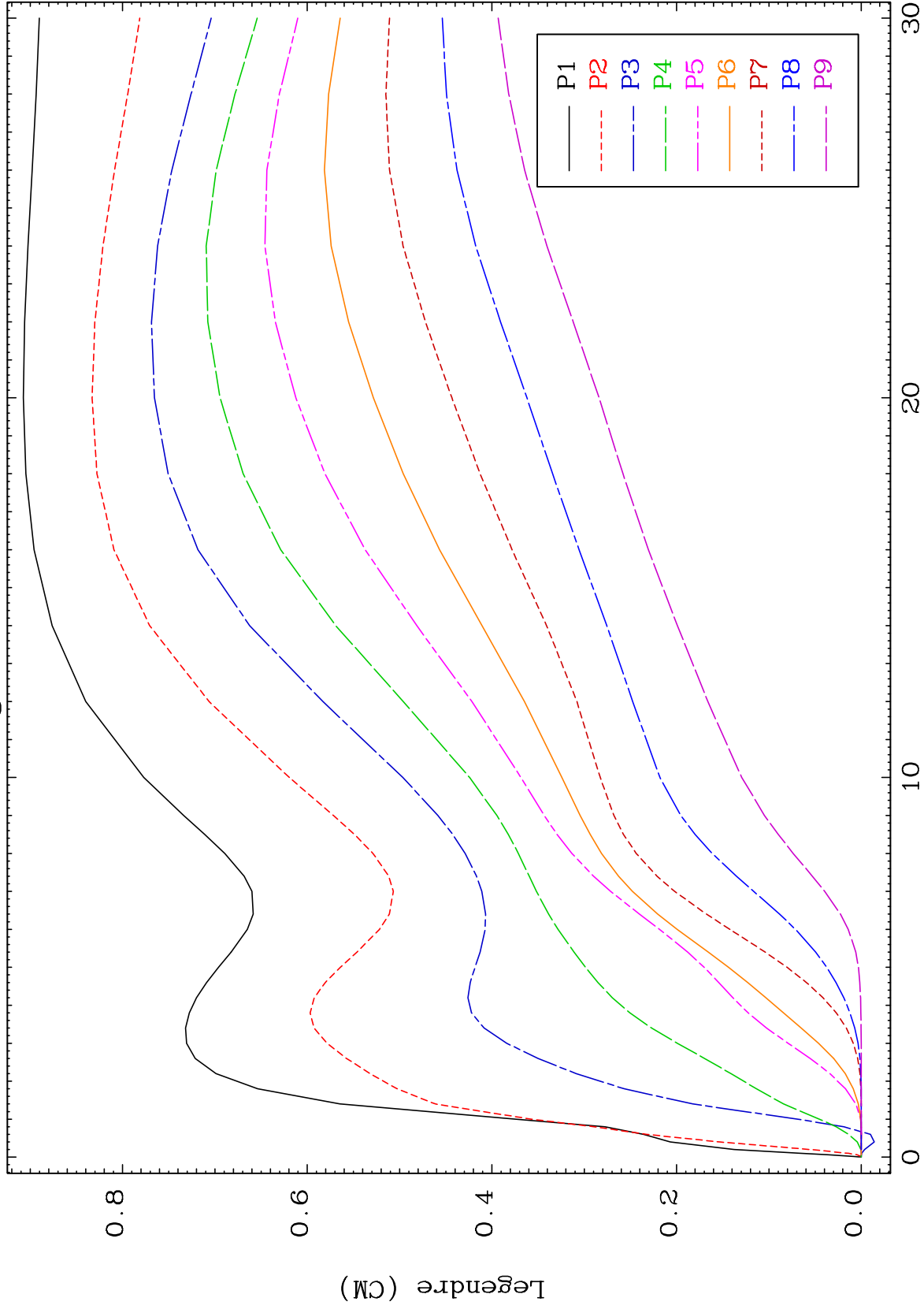


(n, α)

MAT 5952

Elastic Legendre Coefficients

59-Pr-150



16

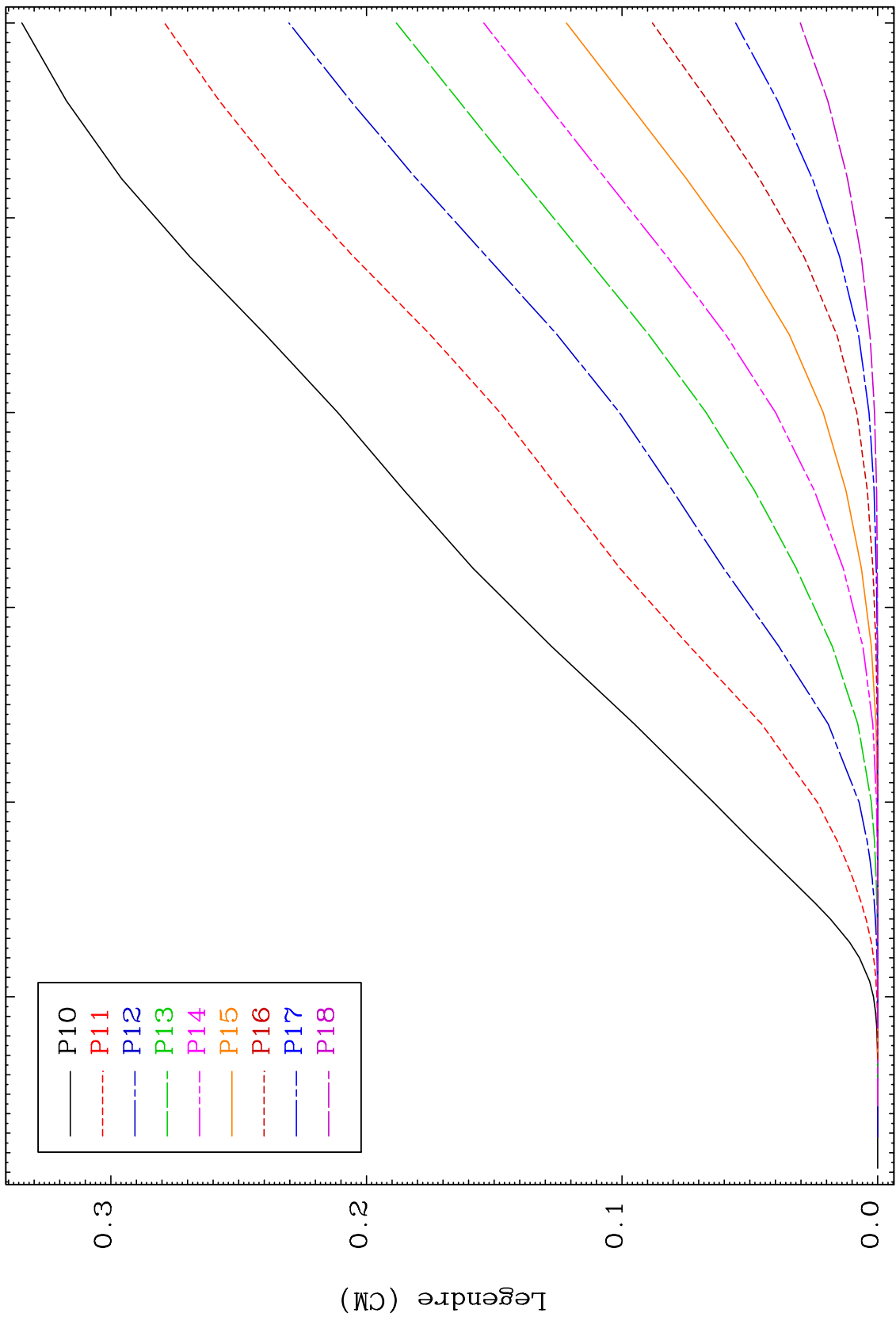
Incident Energy (MeV)

59-Pr-150

MAT 5952

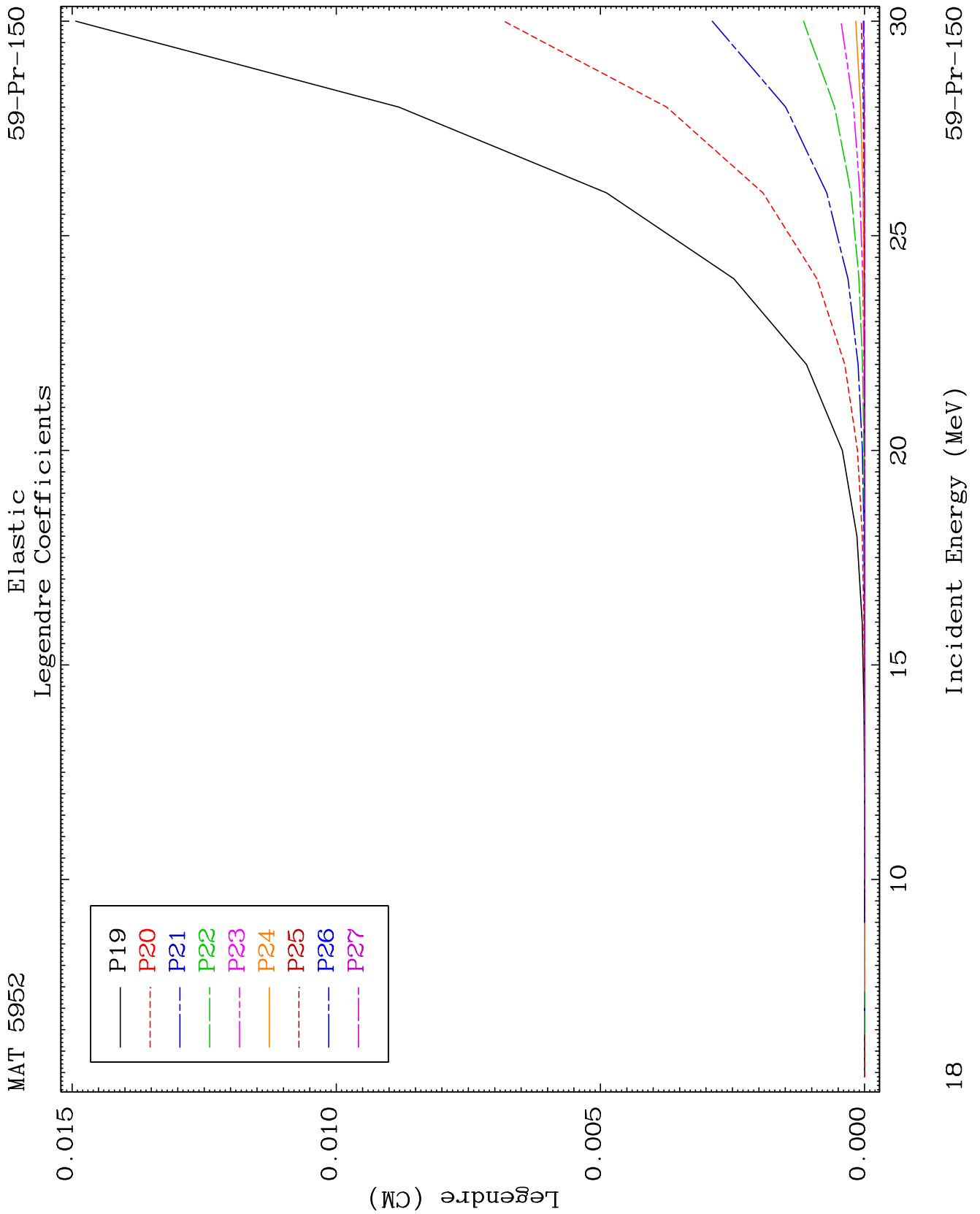
Elastic Legendre Coefficients

59-Pr-150



17

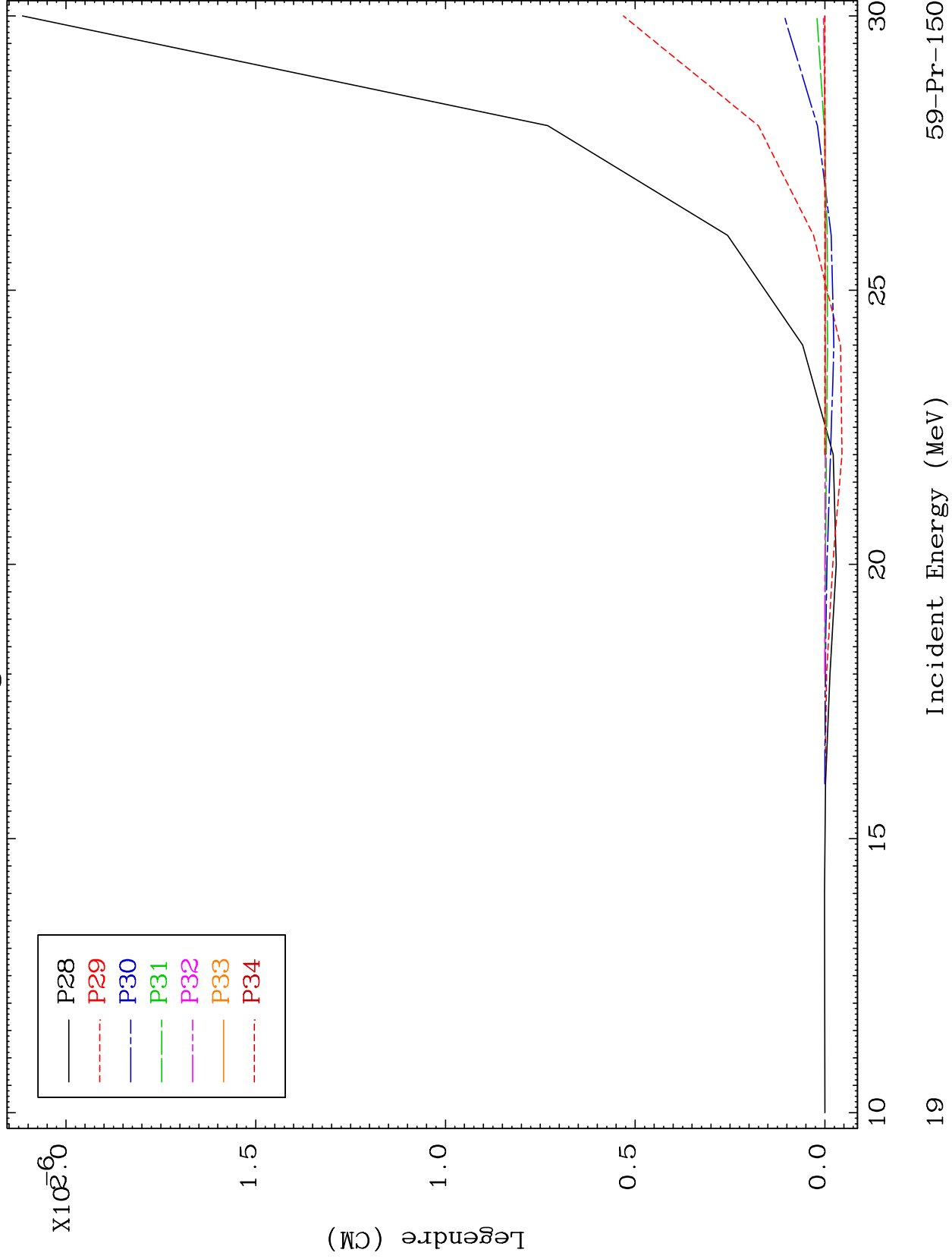
59-Pr-150



MAT 5952

Elastic Legendre Coefficients

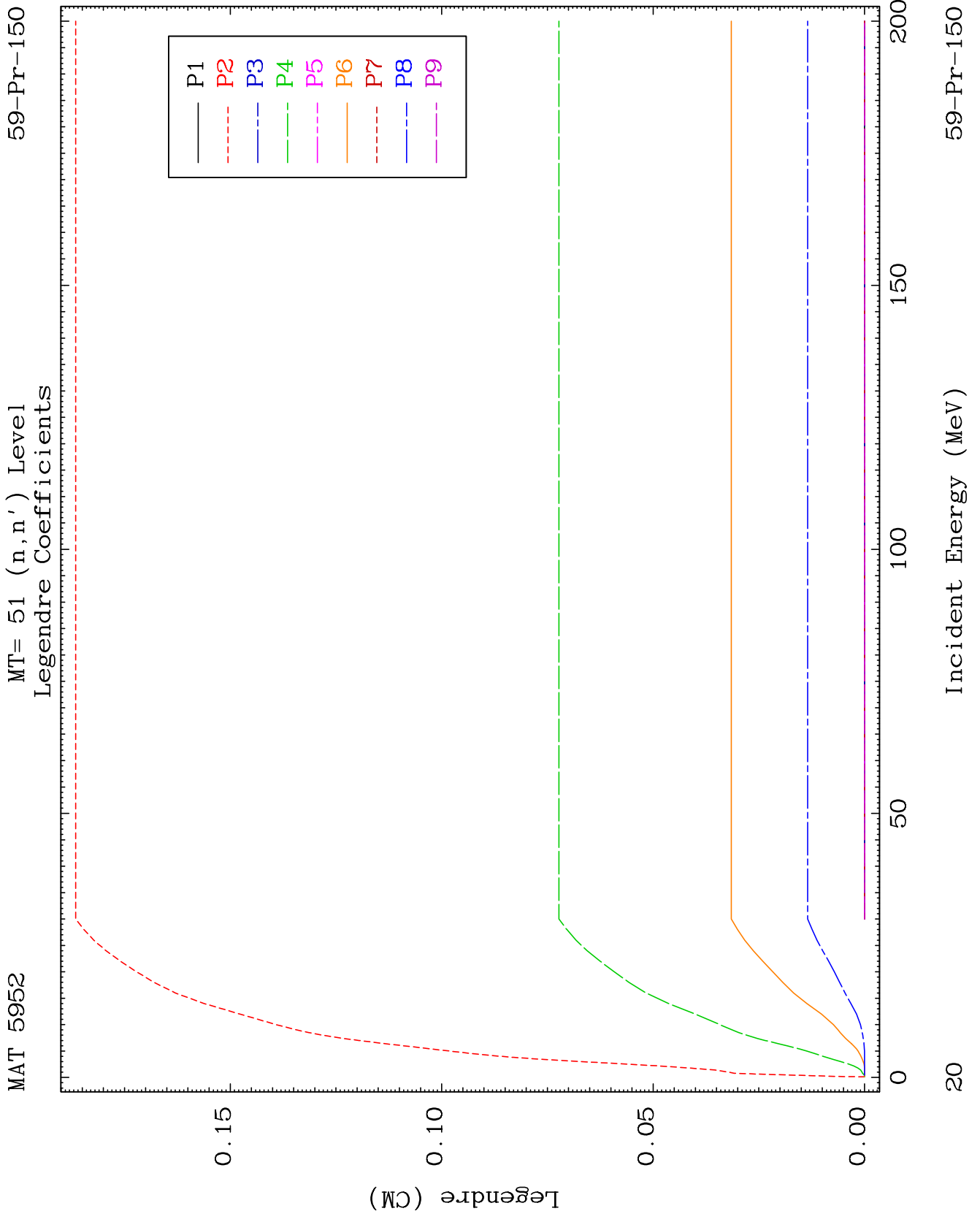
59-Pr-150



59-Pr-150

Incident Energy (MeV)

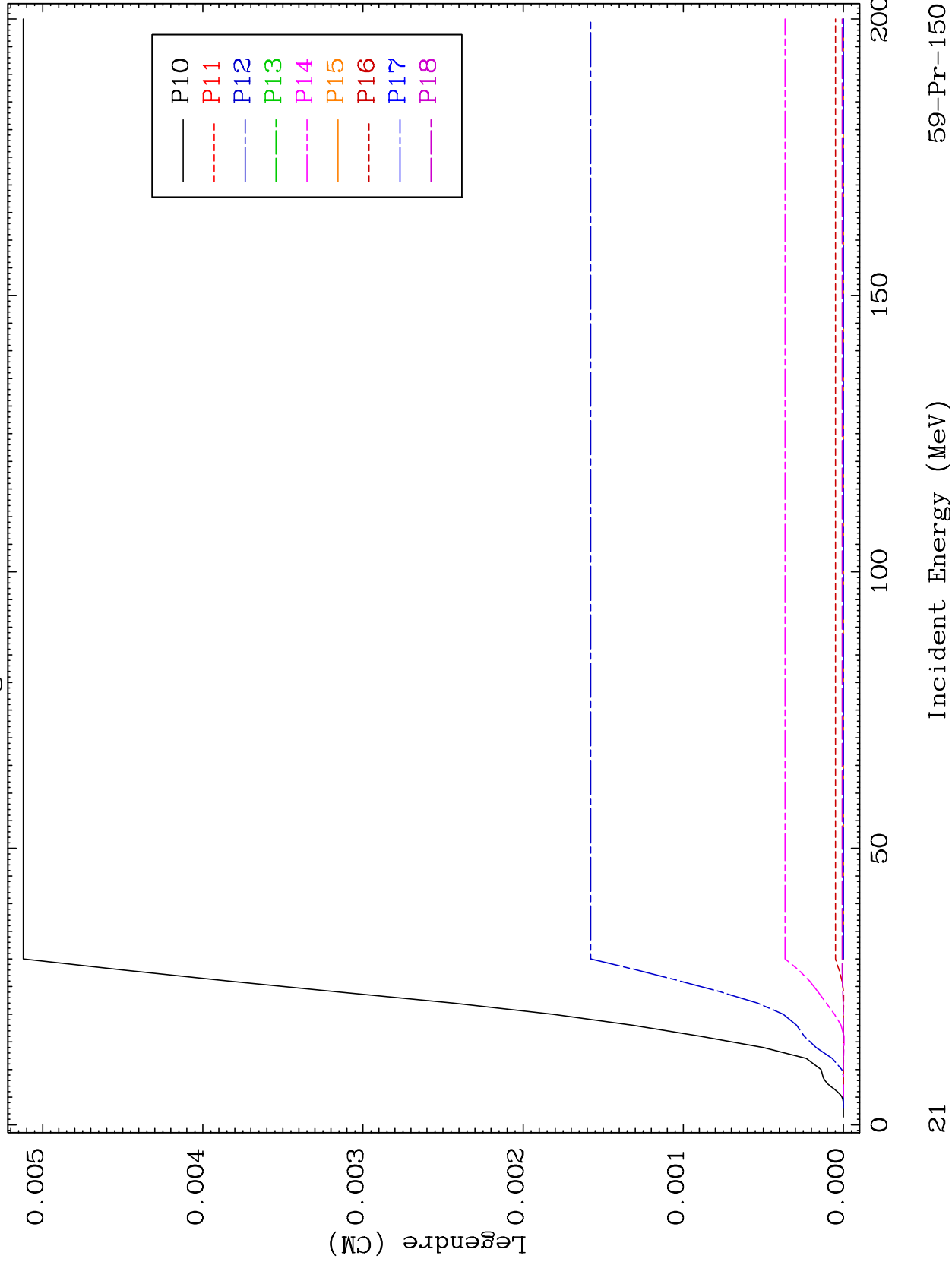
19



MAT 5952

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

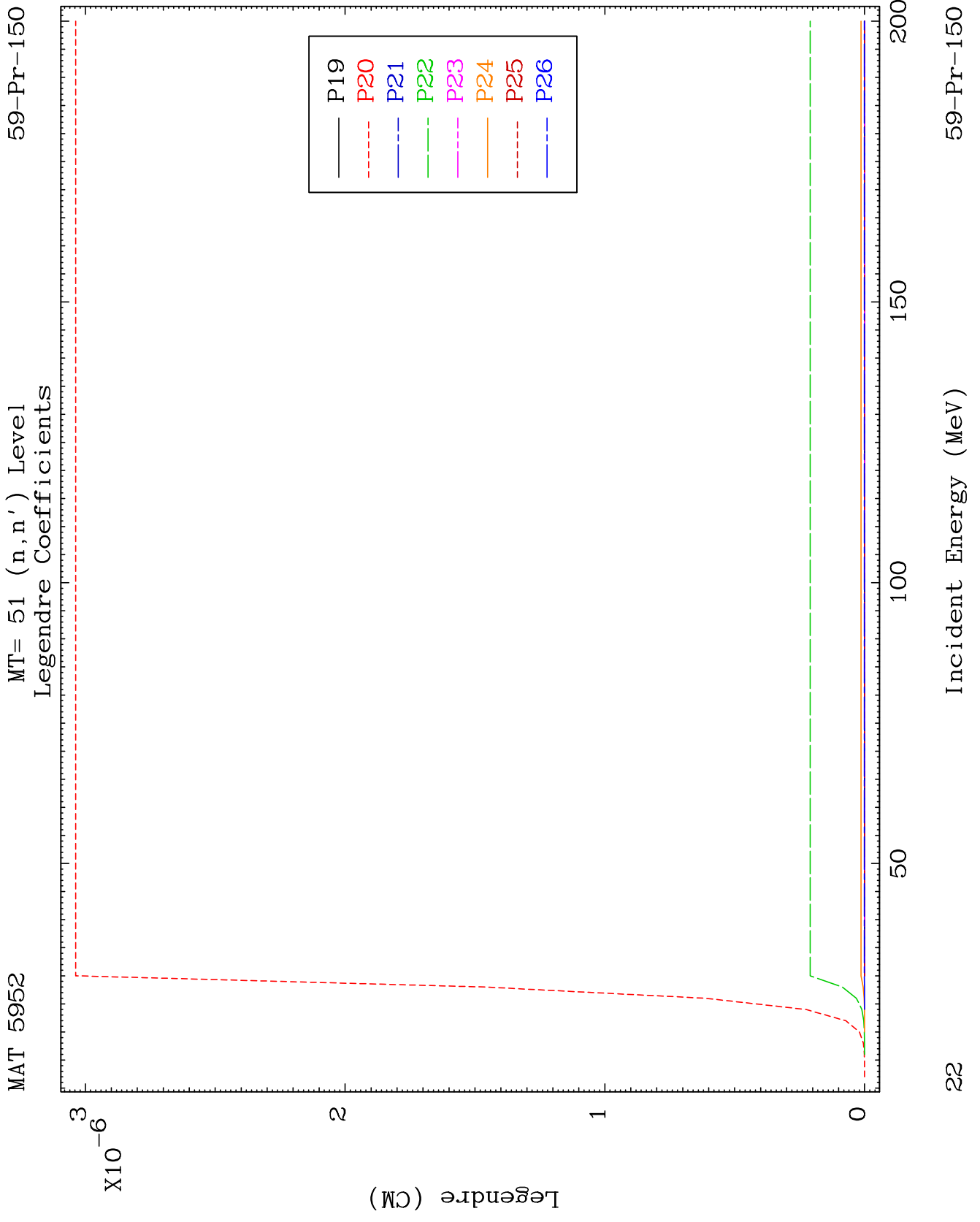
59-Pr-150

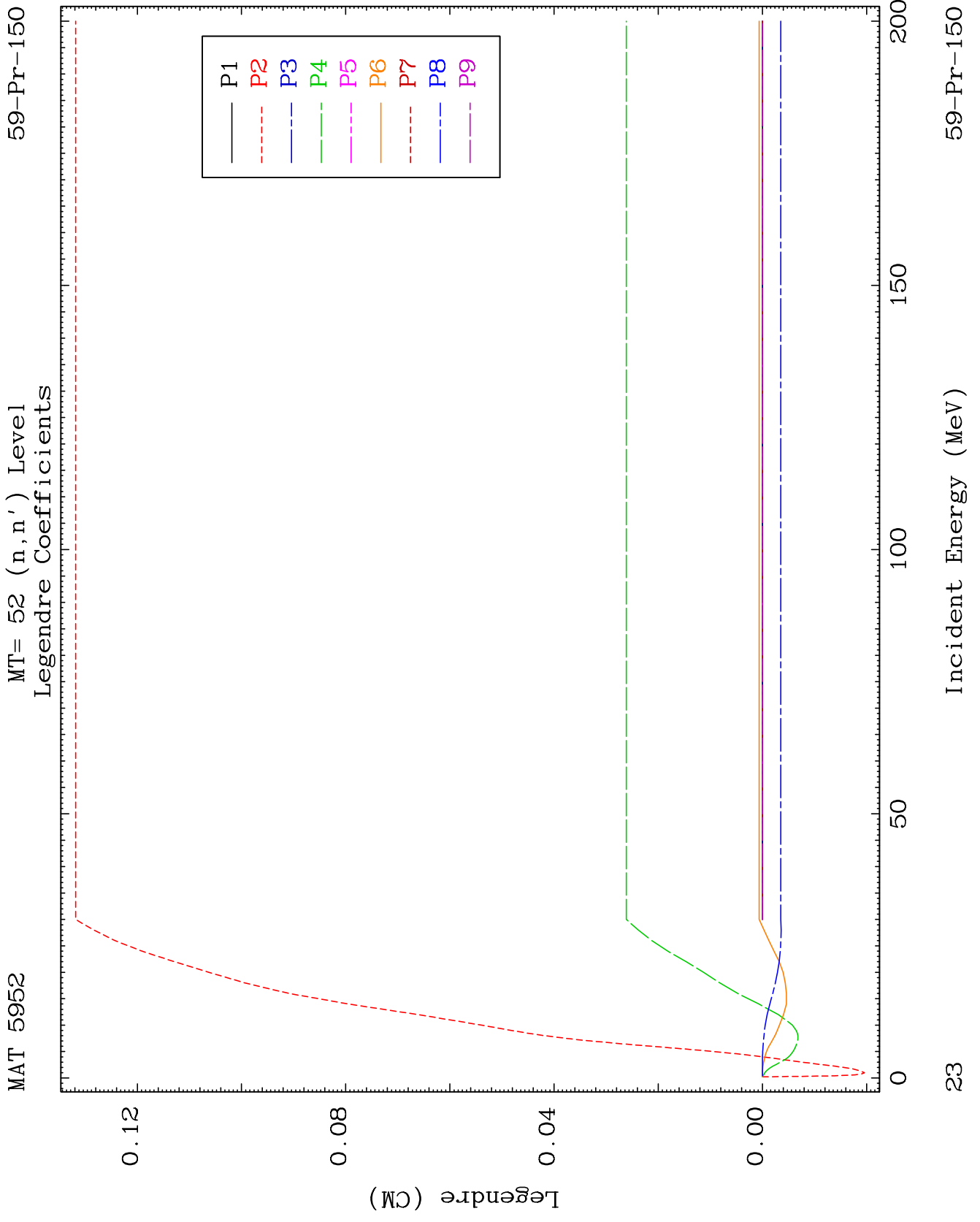


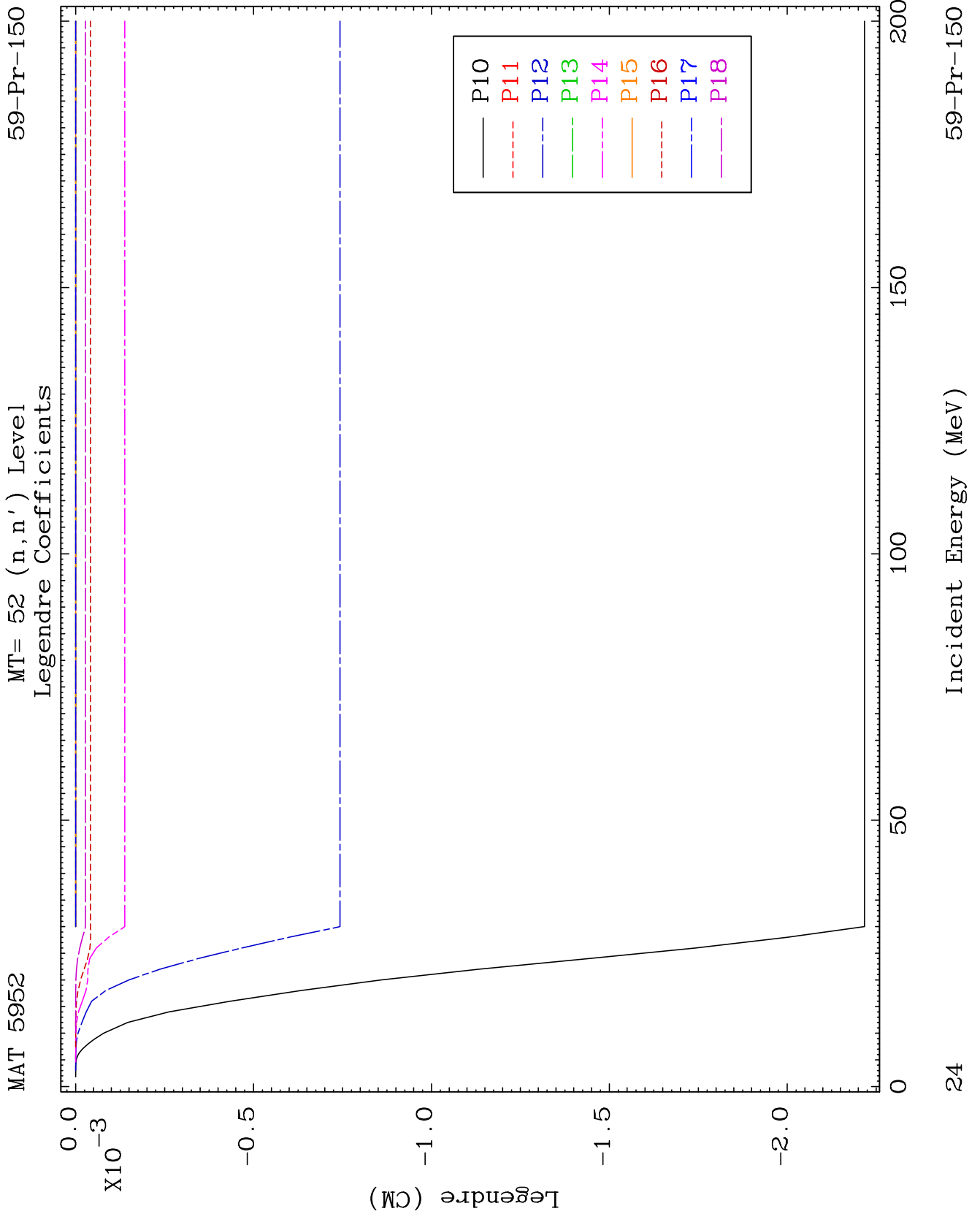
21

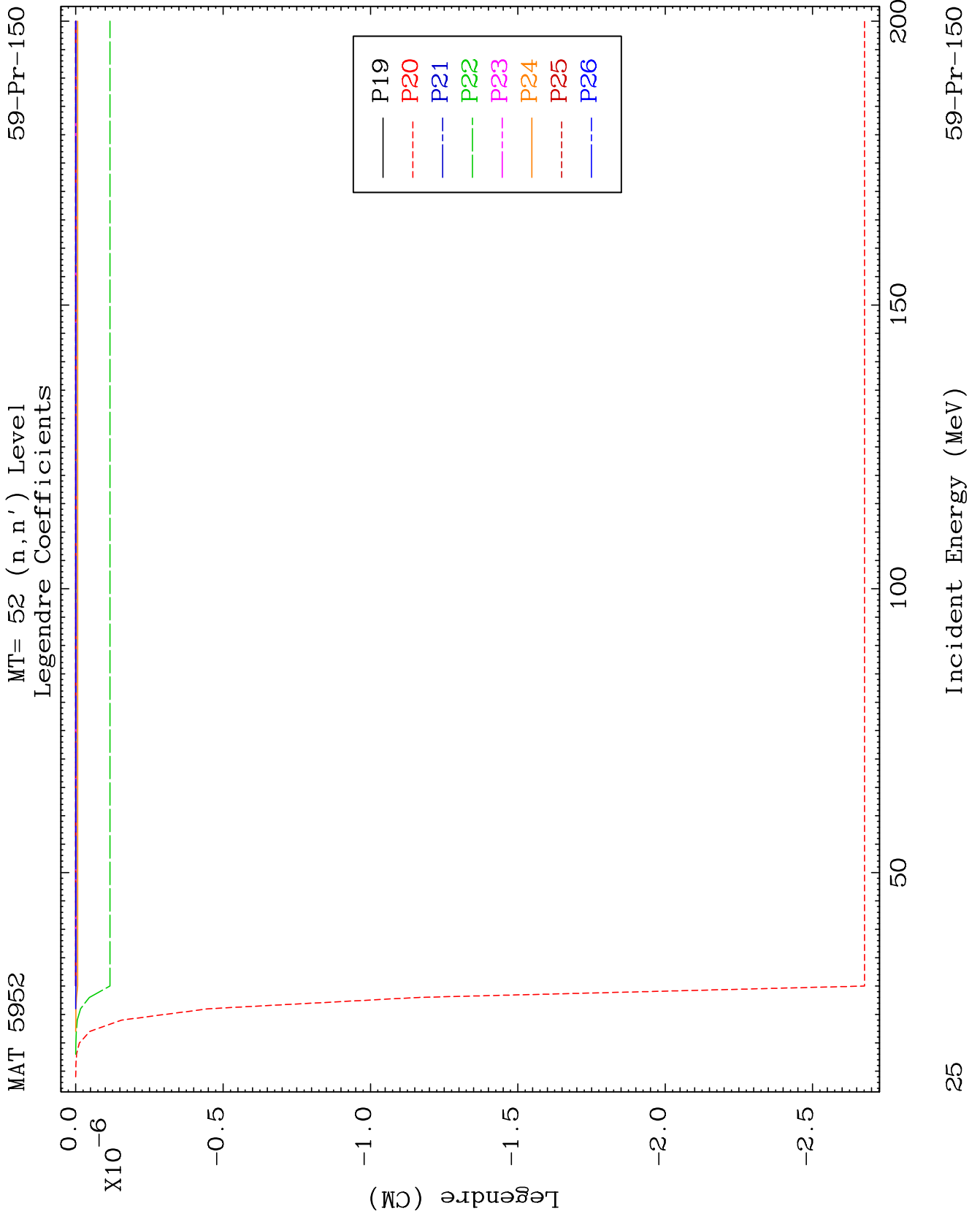
Incident Energy (MeV)

59-Pr-150





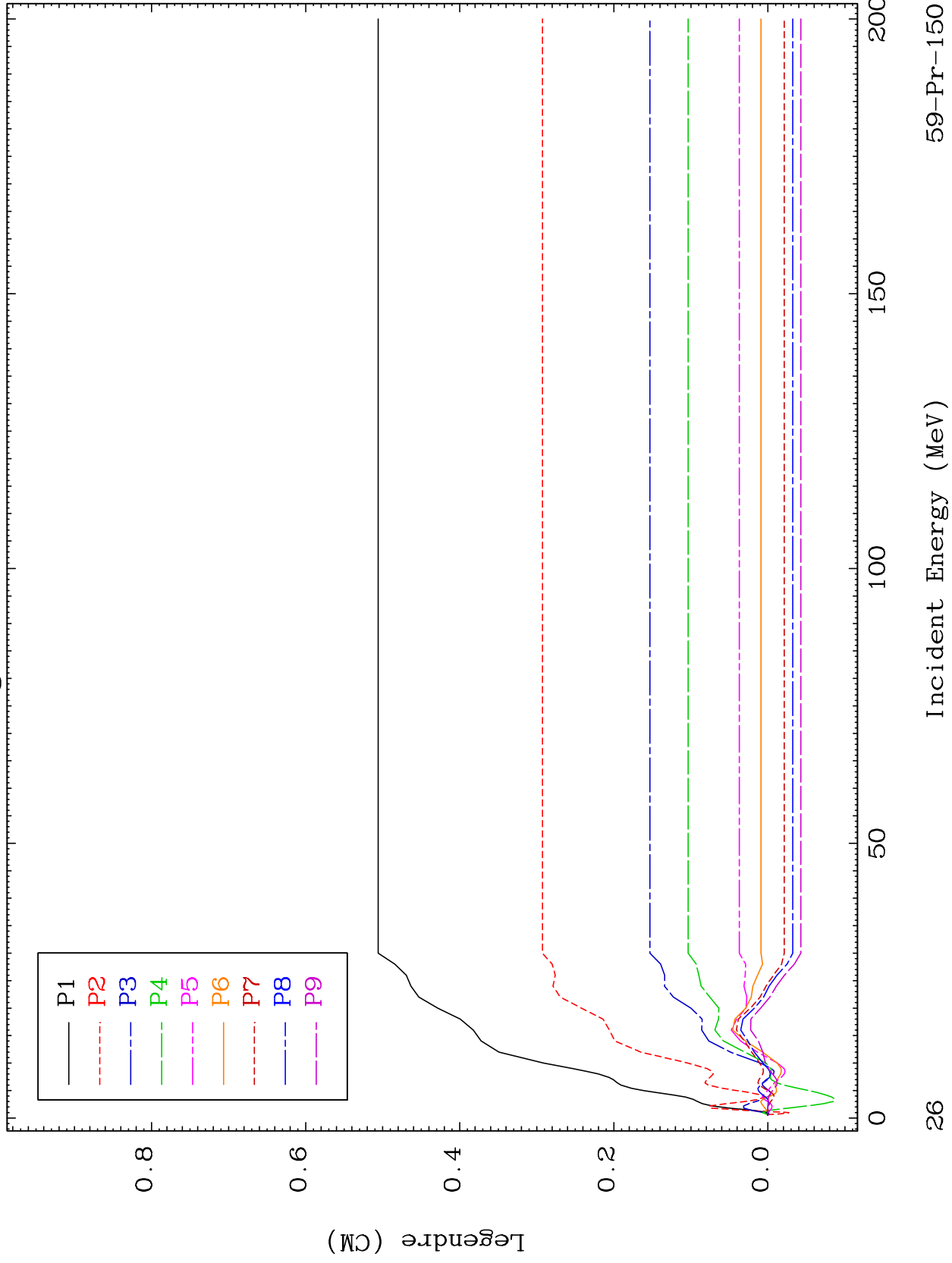




MAT 5952

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

59-Pr-150



26

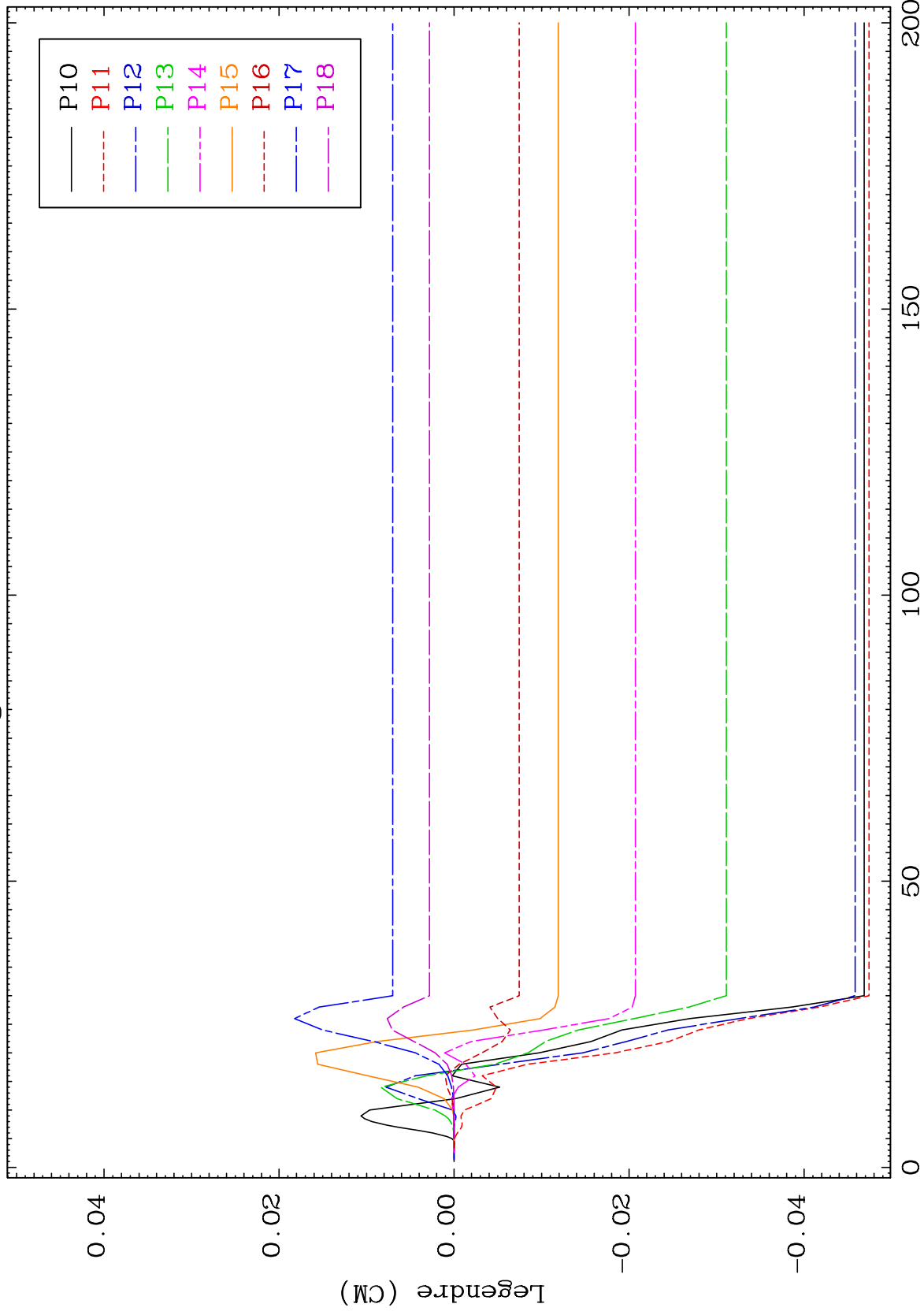
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



27

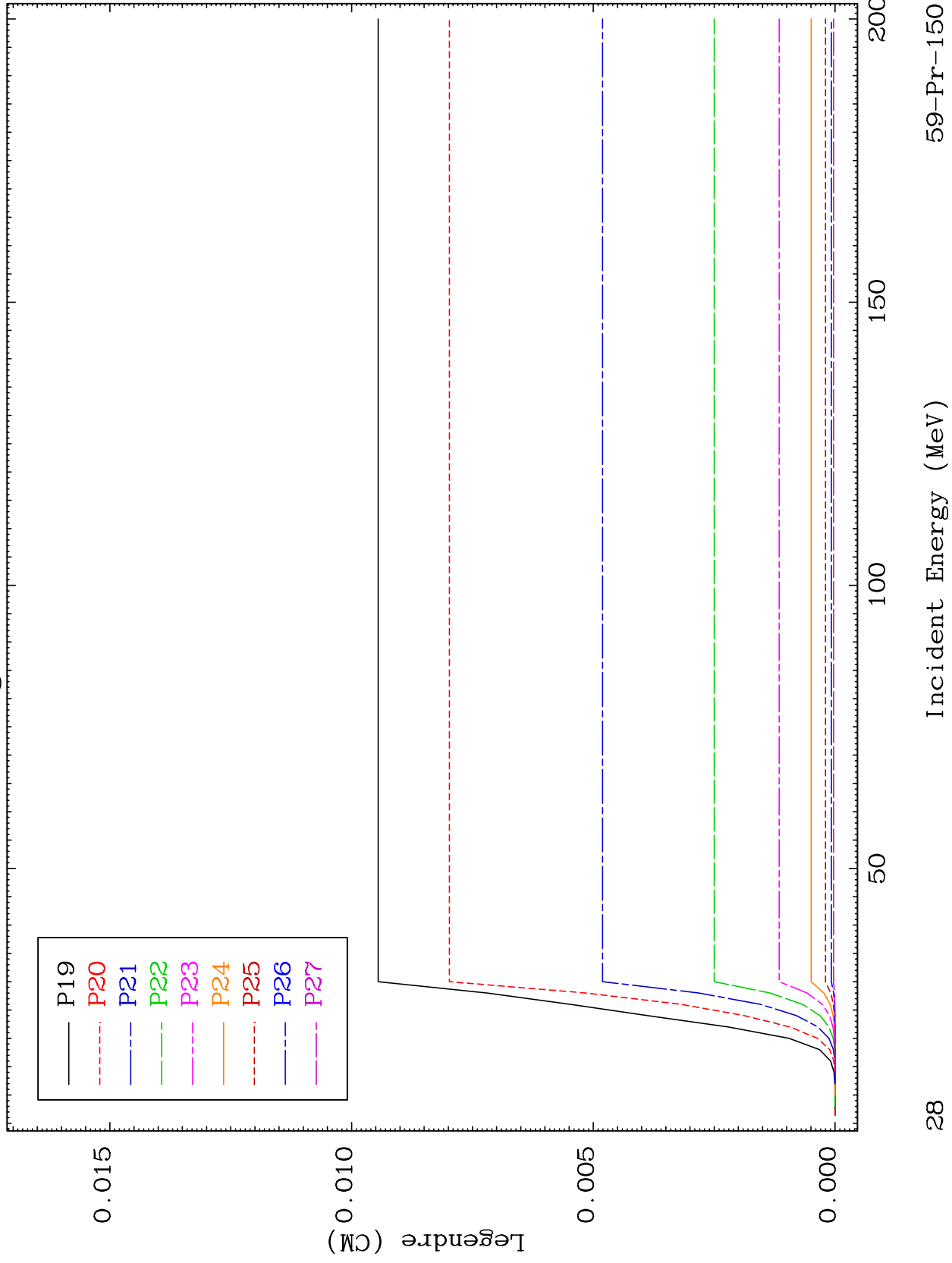
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



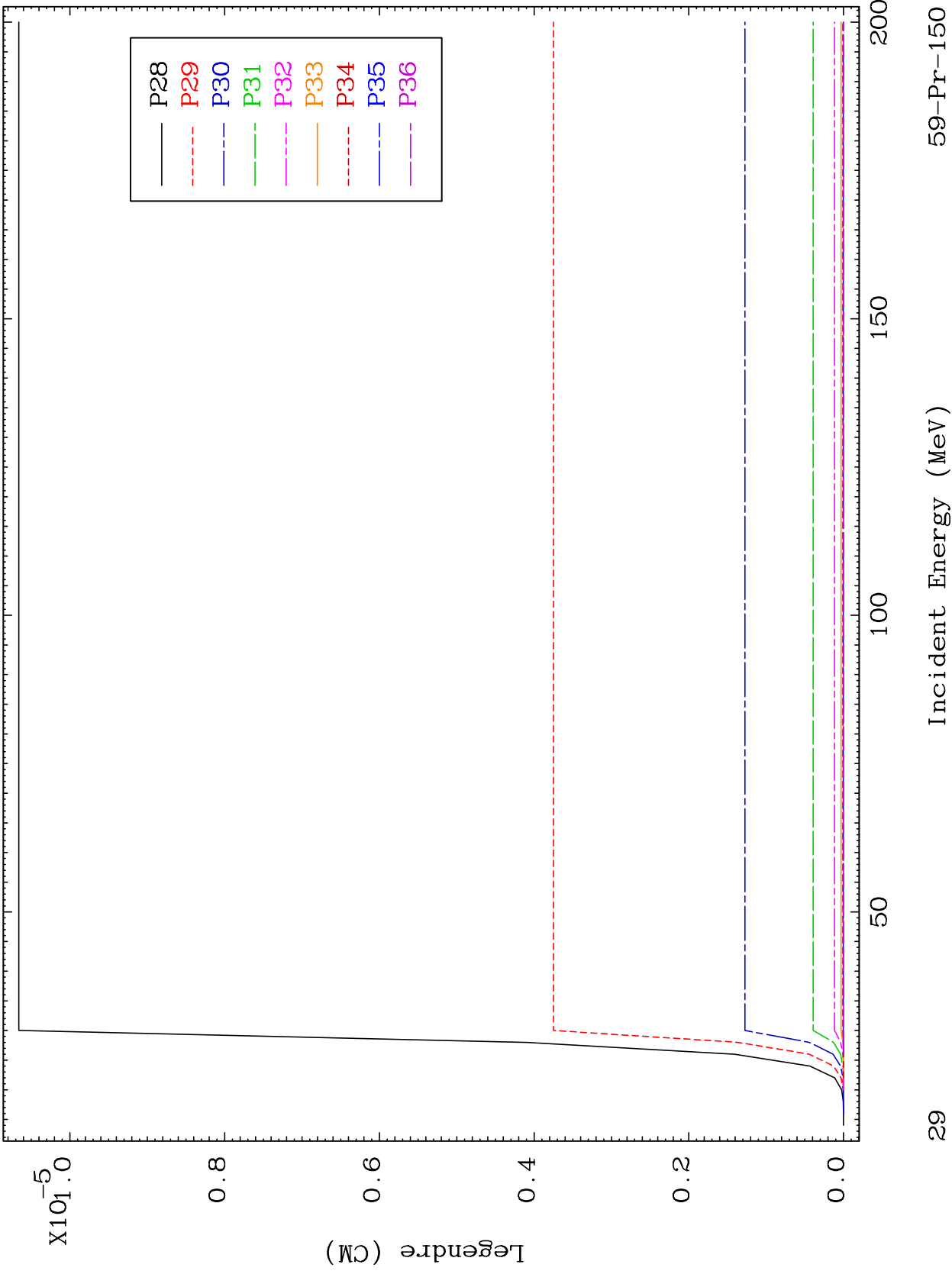
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59-Pr-150

MAT 5952

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

59-Pr-150



29

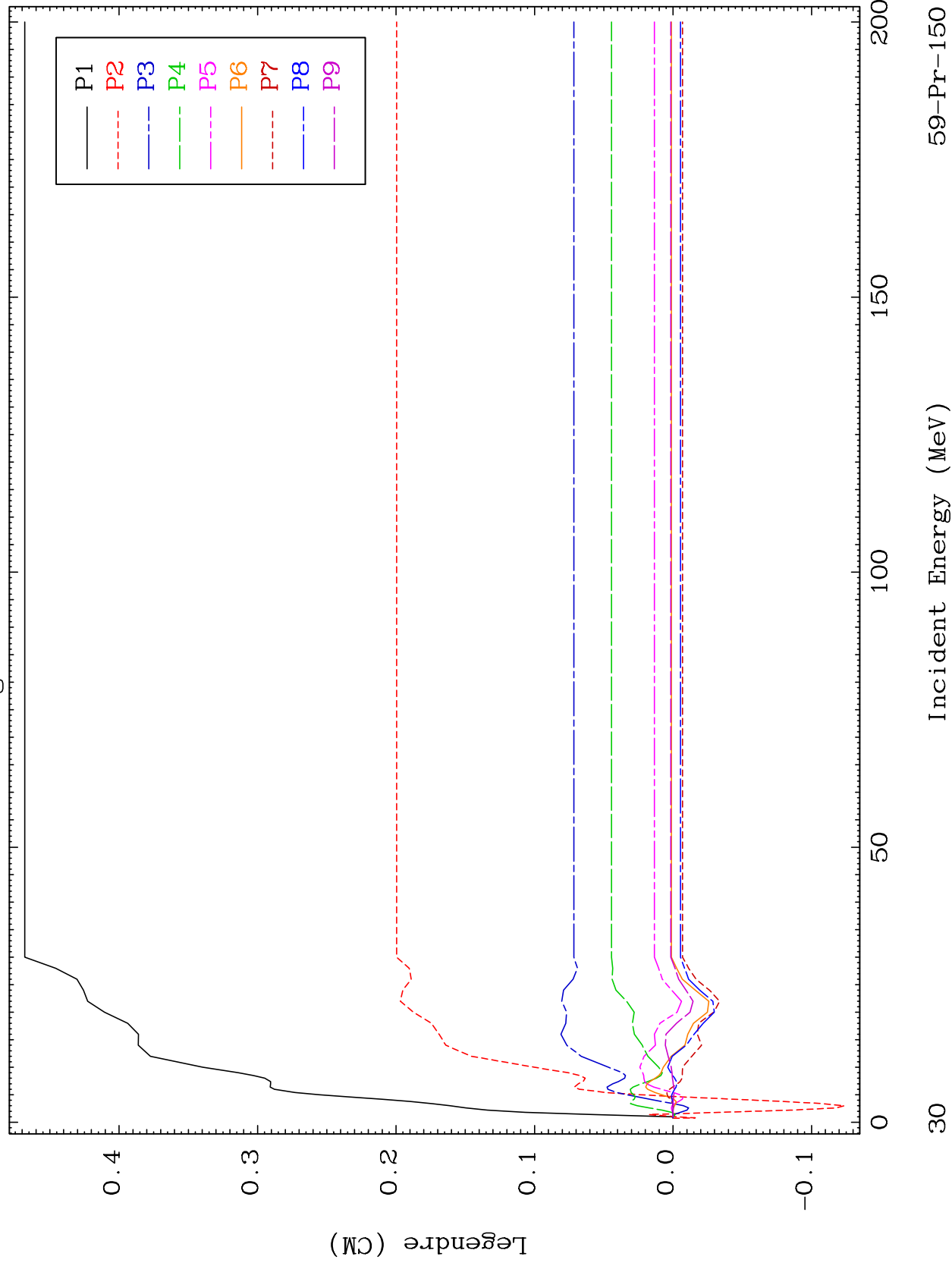
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150

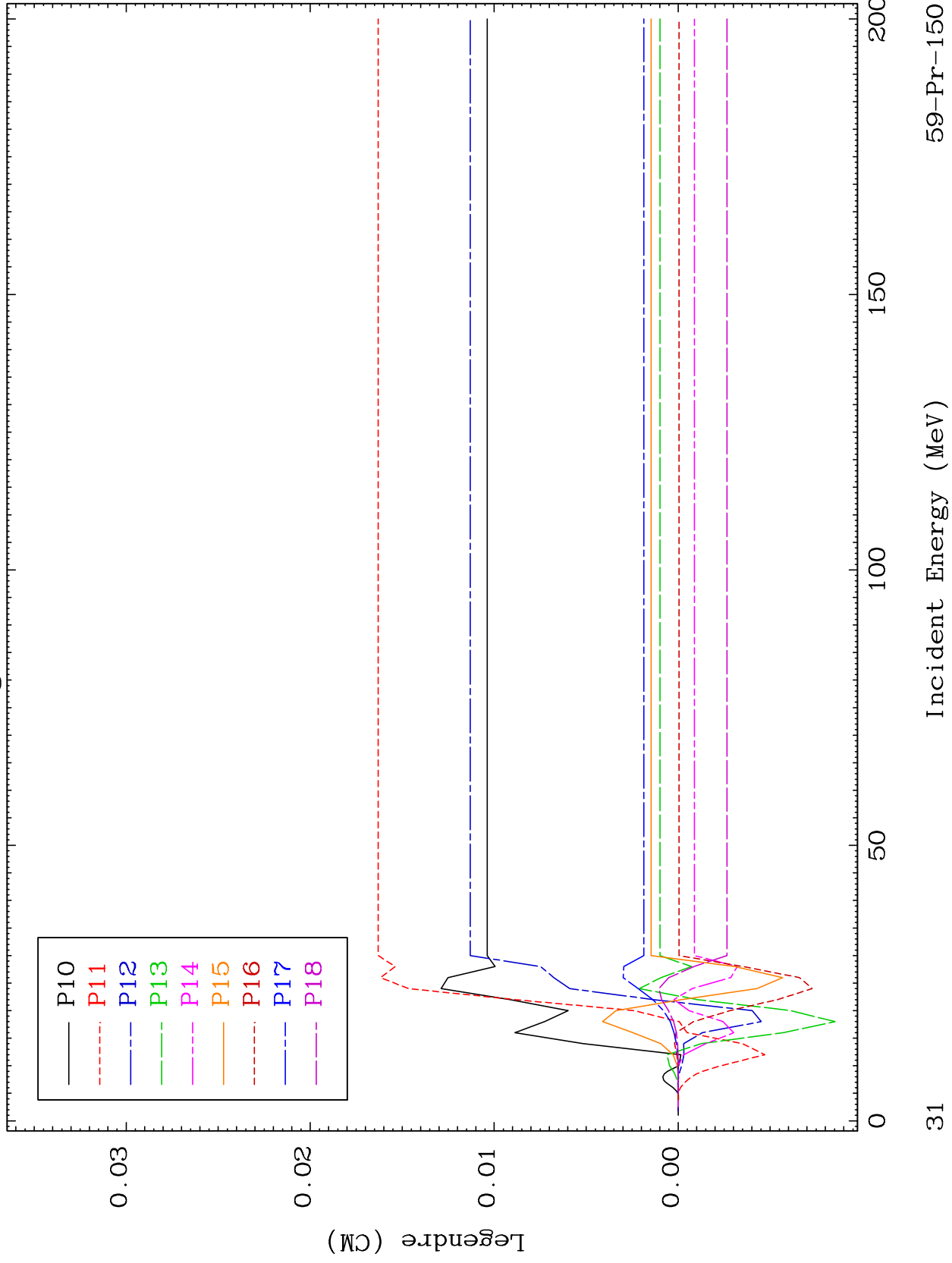


59-Pr-150

MAT 5952

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

59-Pr-150

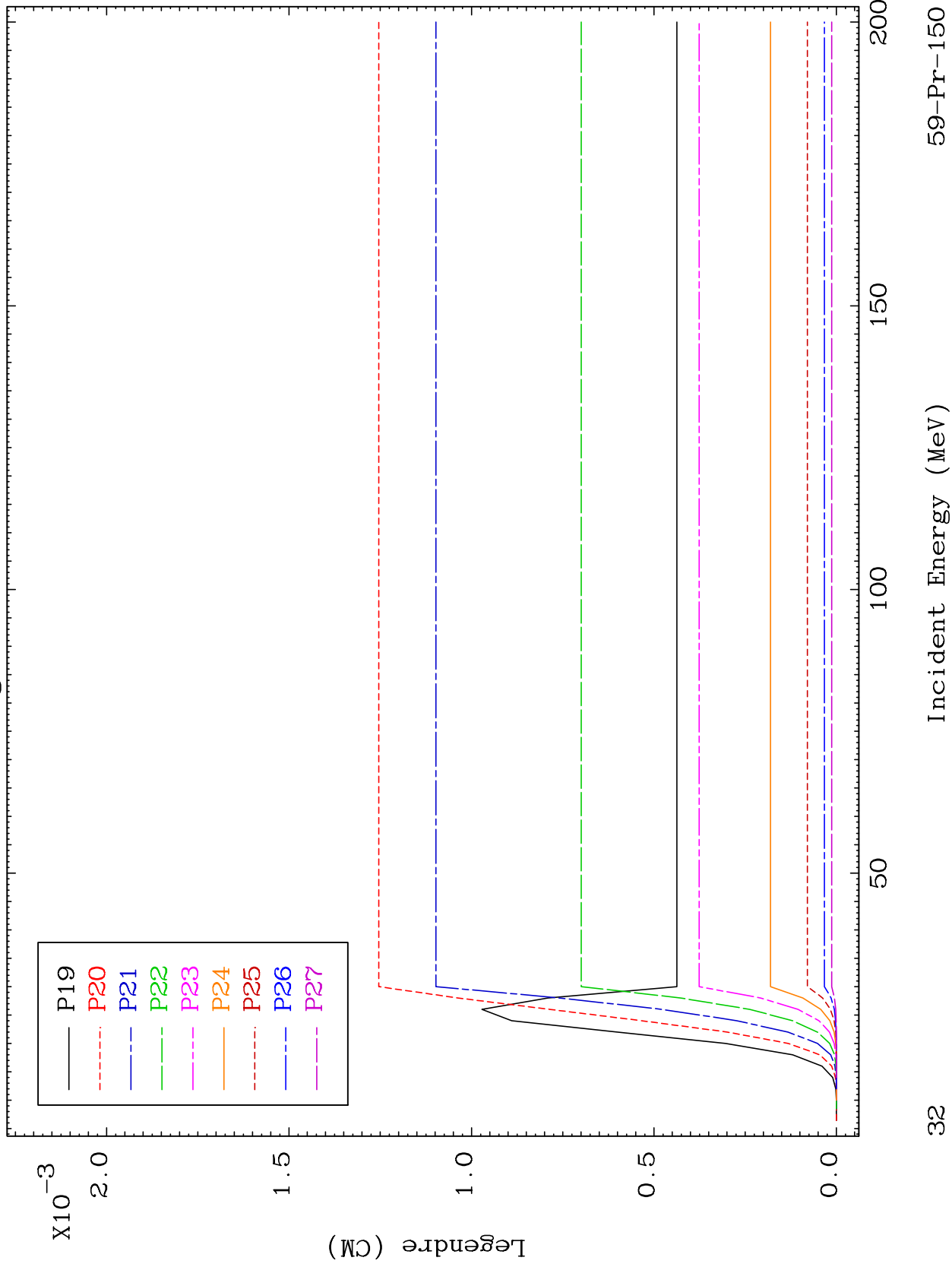


31

MAT 5952

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

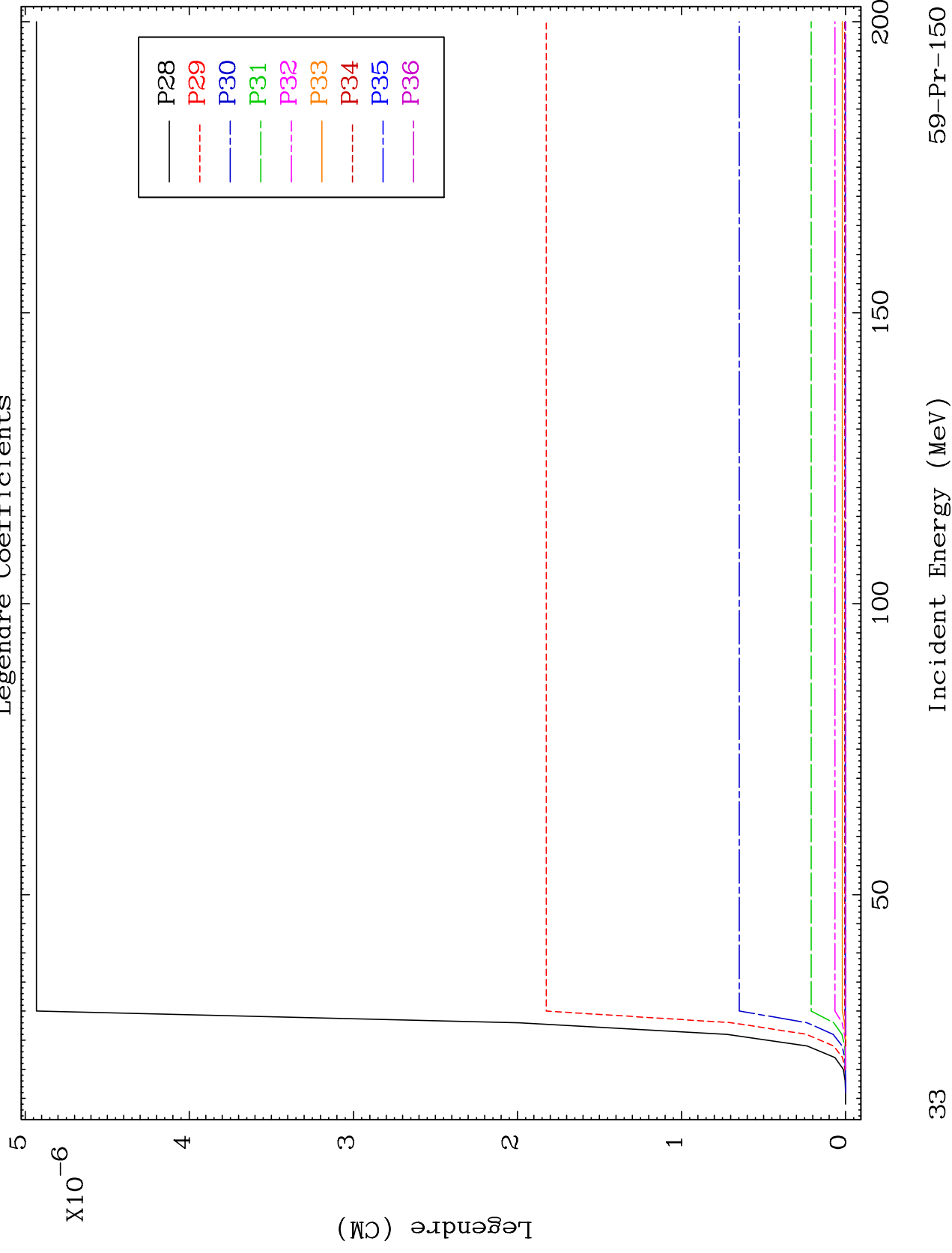
59-Pr-150



MAT 5952

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

59-Pr-150



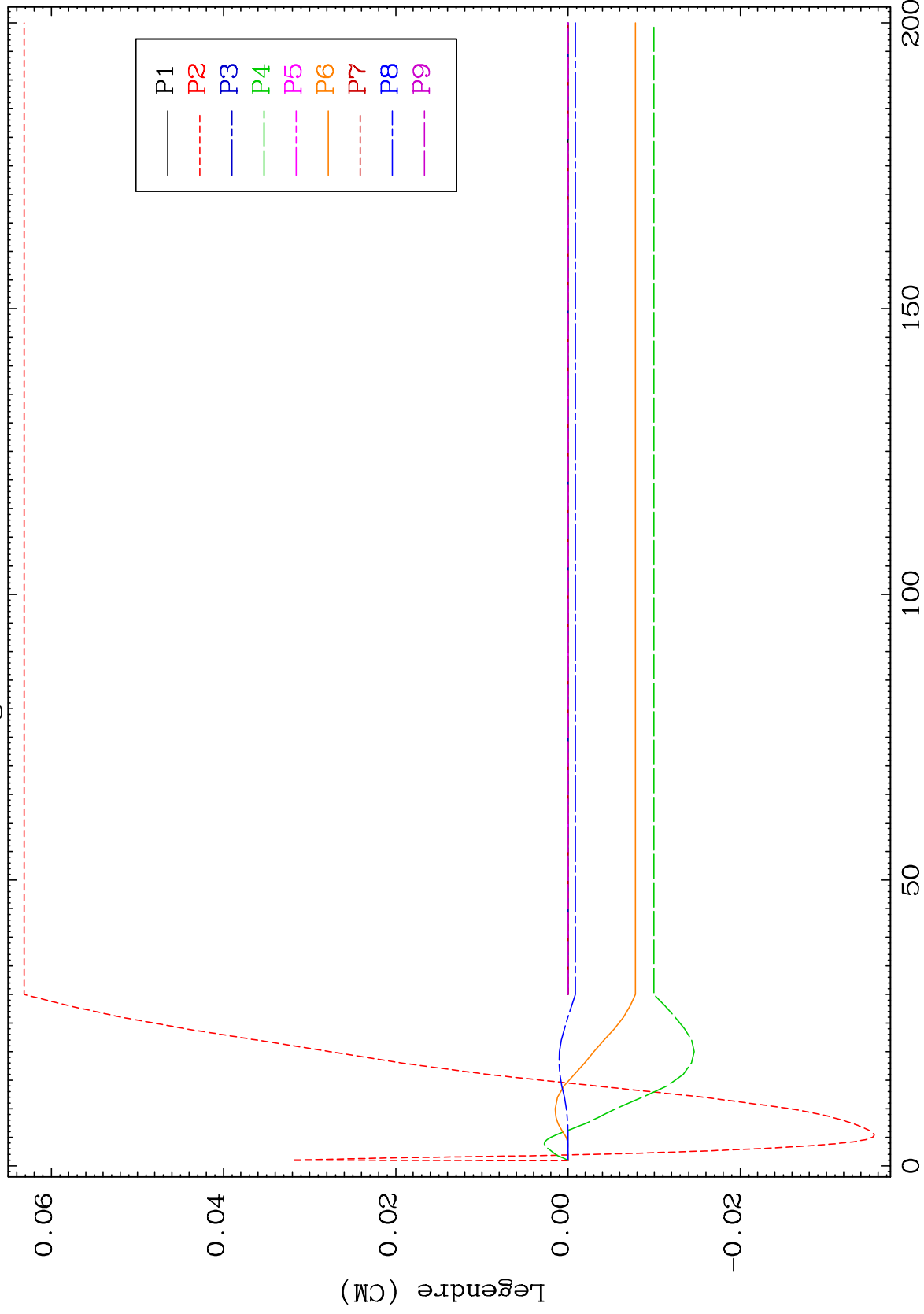
33

200

MAT 5952

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

59-Pr-150



34

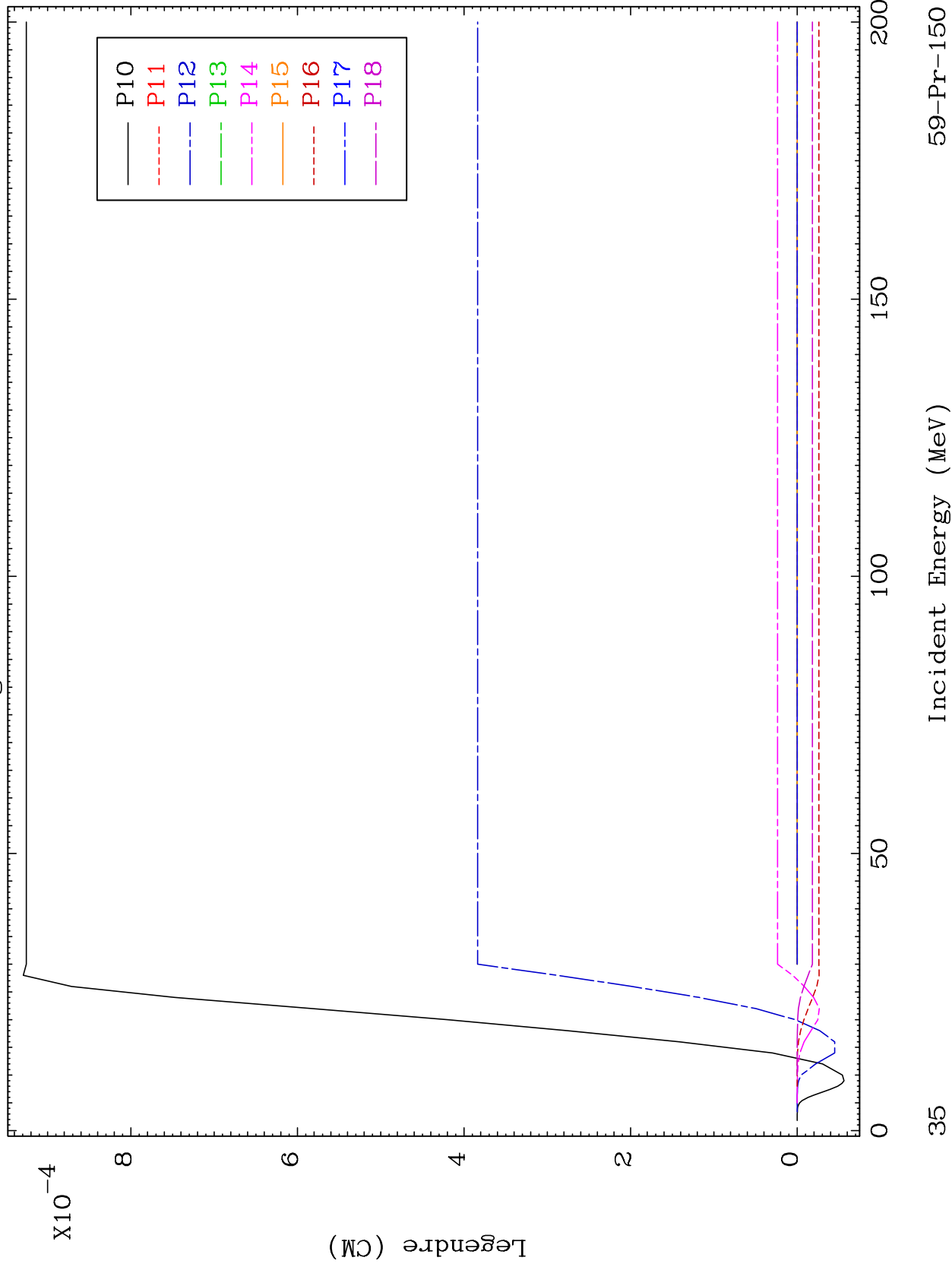
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

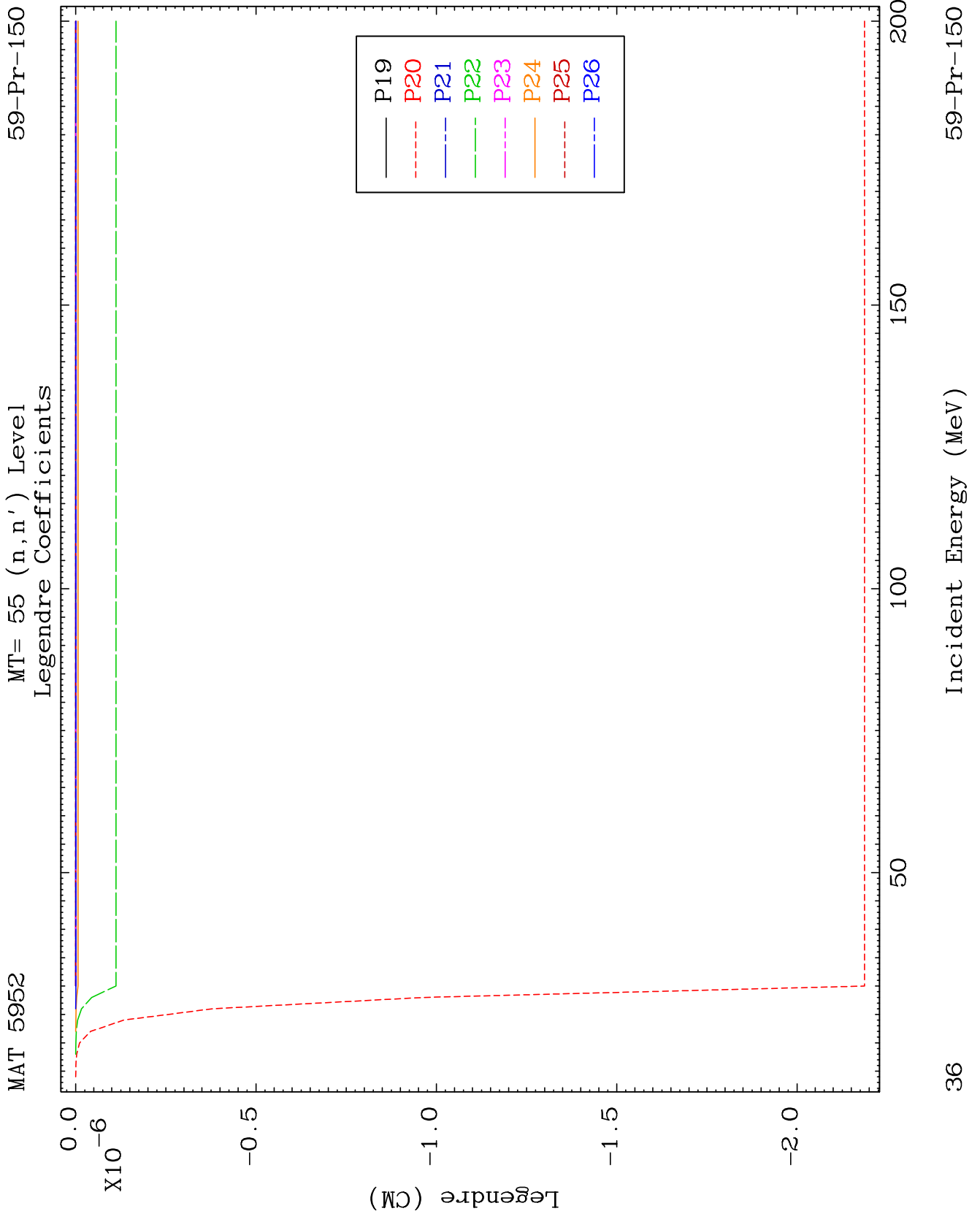
59-Pr-150



59-Pr-150

Incident Energy (MeV)

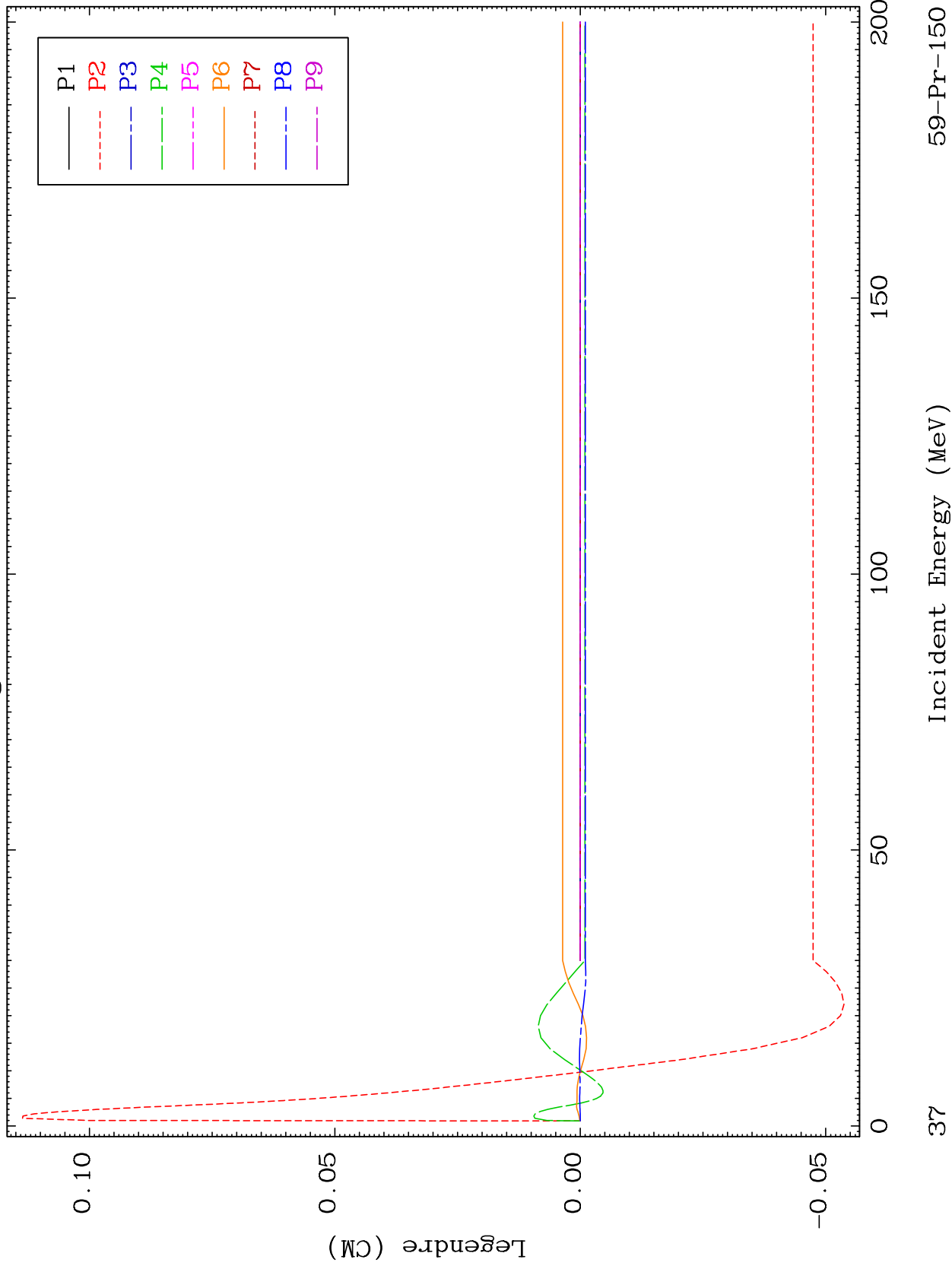
35



MAT 5952

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

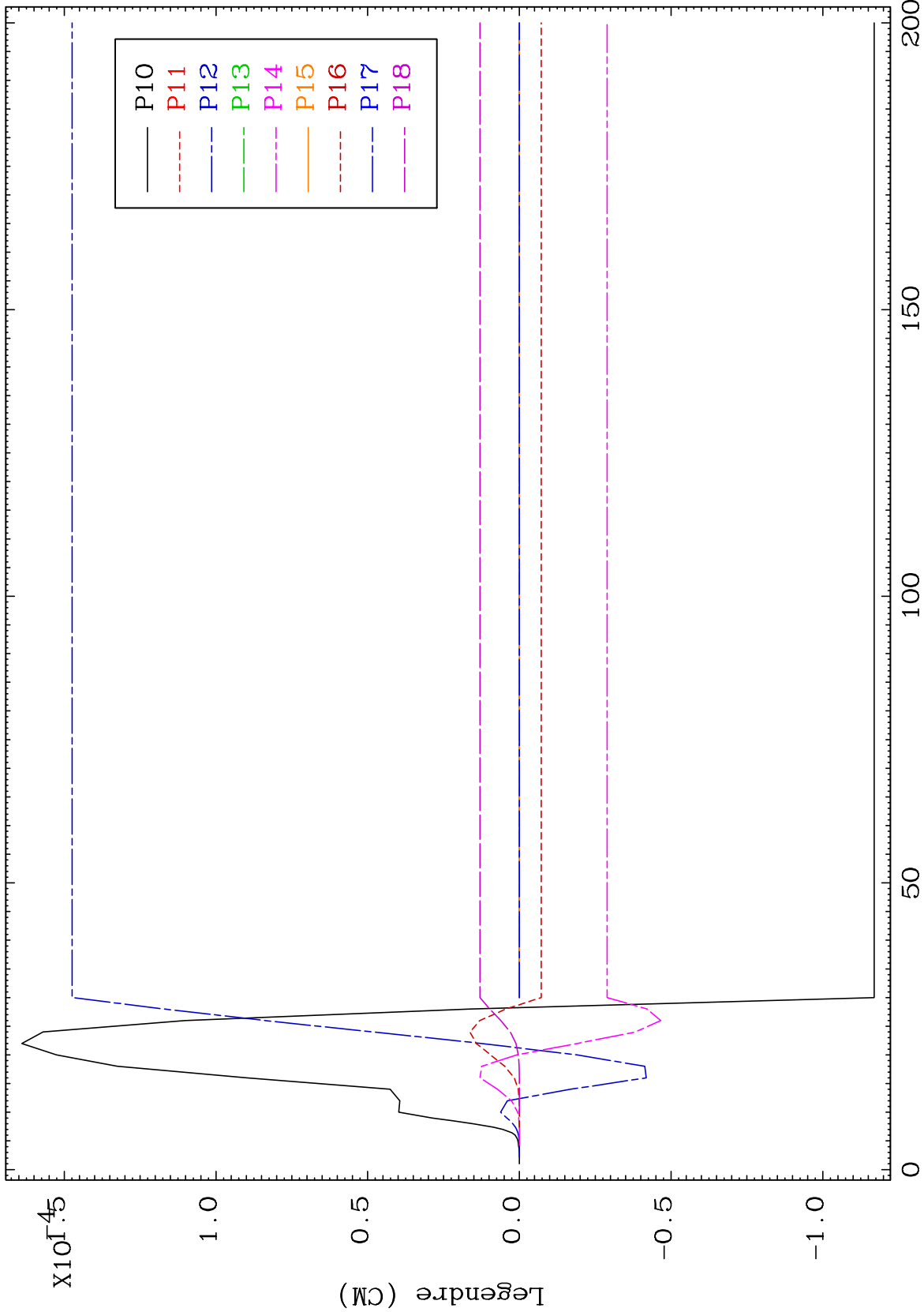
59-Pr-150



MAT 5952

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

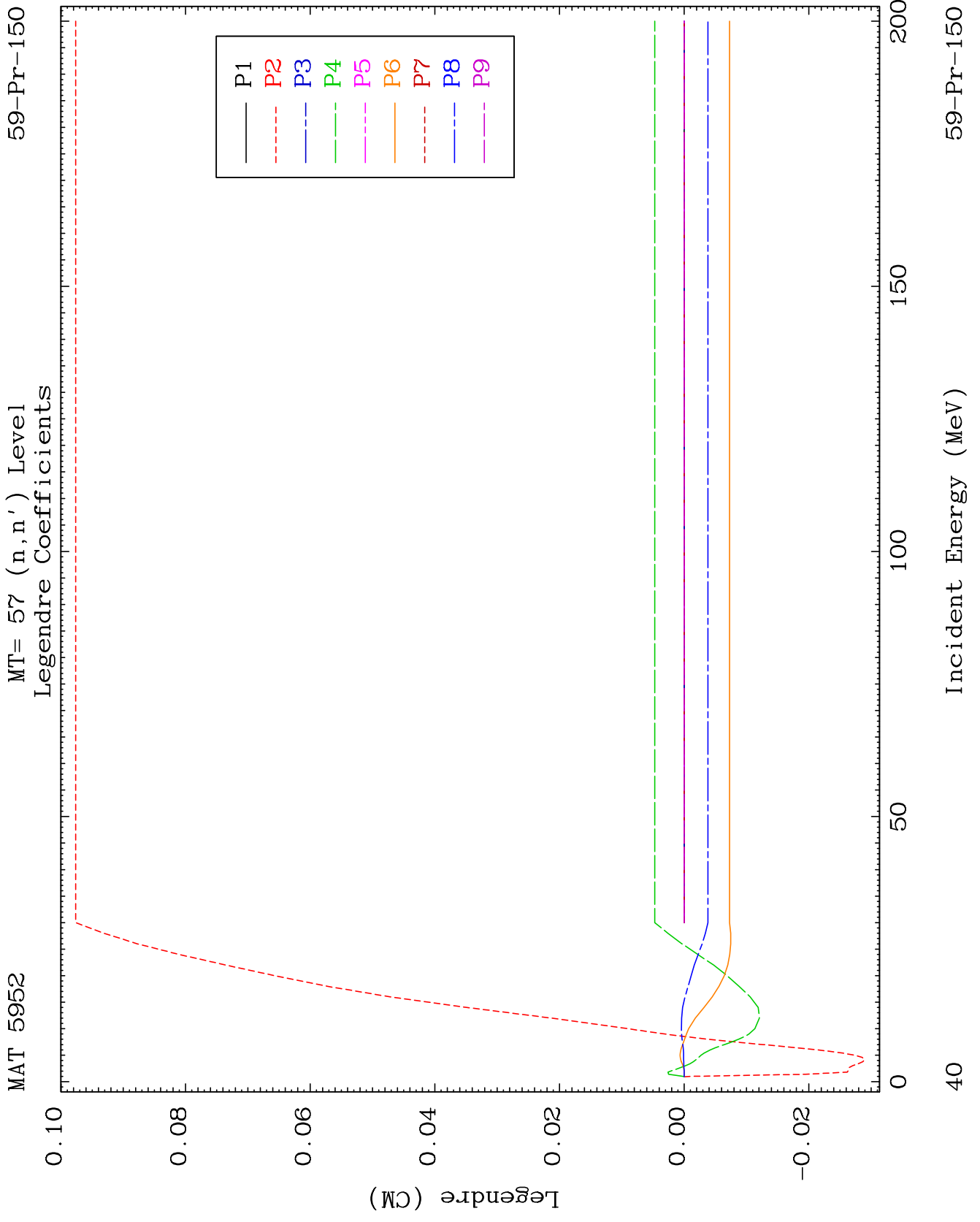
59-Pr-150



38

Incident Energy (MeV)

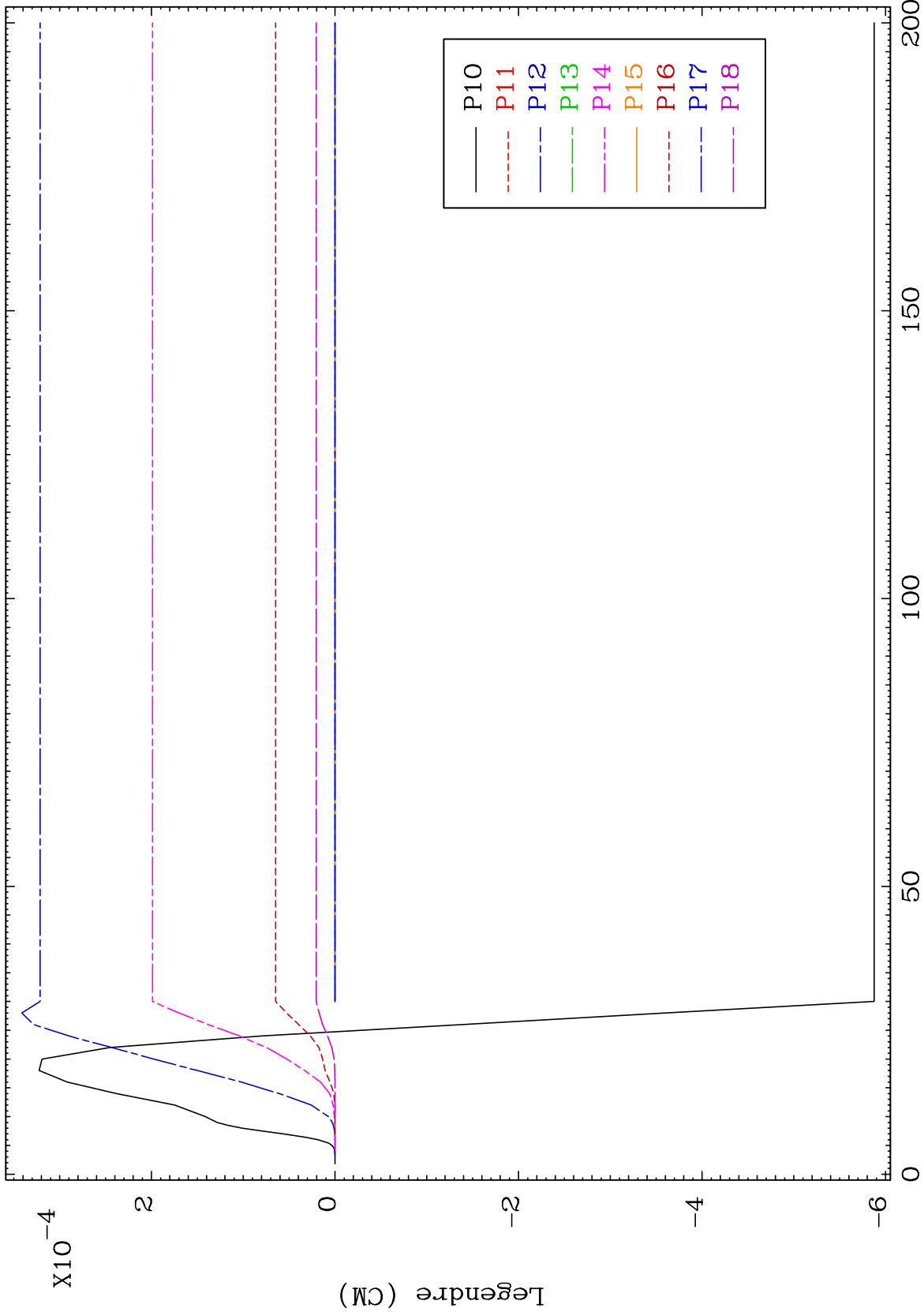
59-Pr-150



MAT 5952

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

59-Pr-150



41

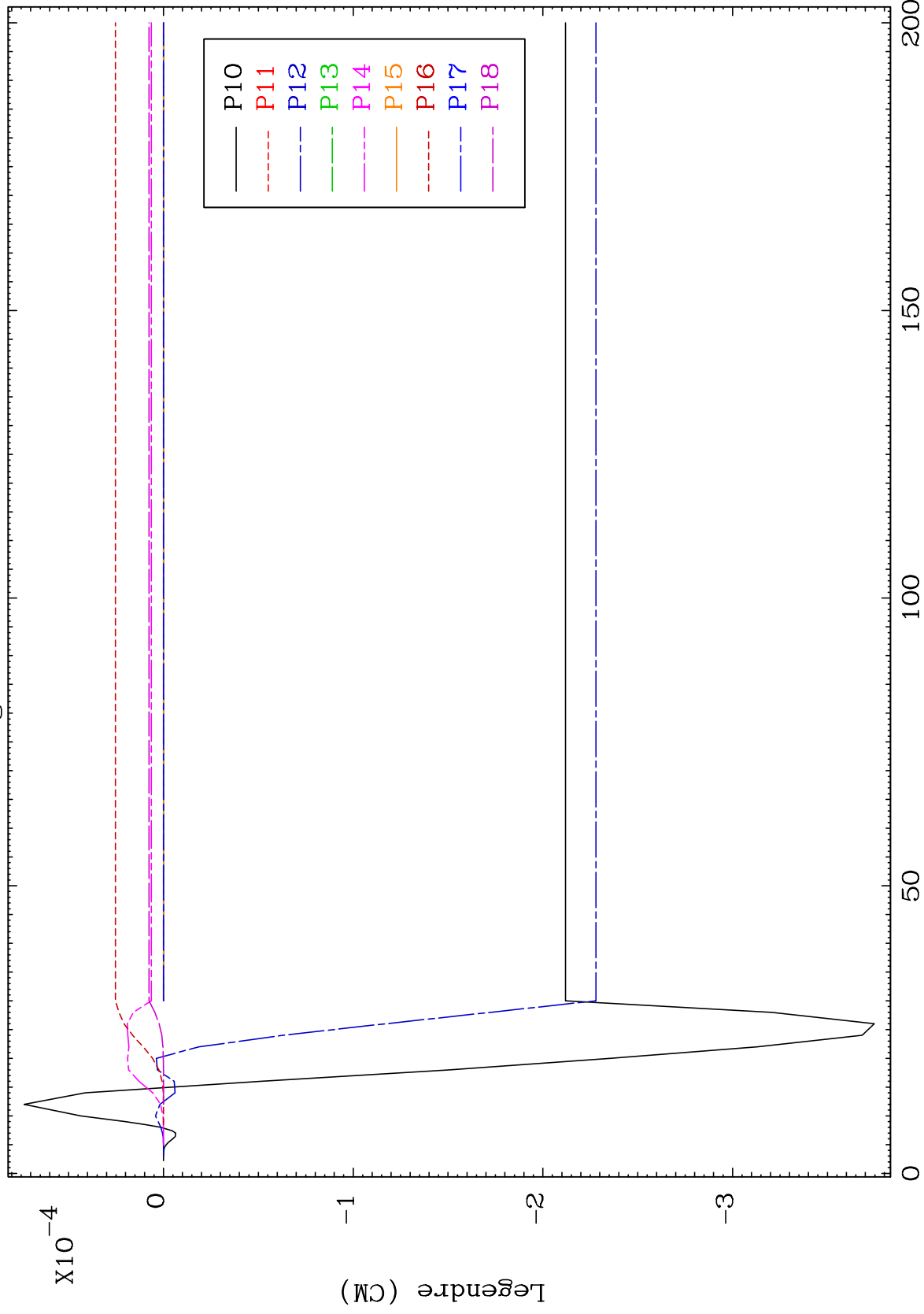
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

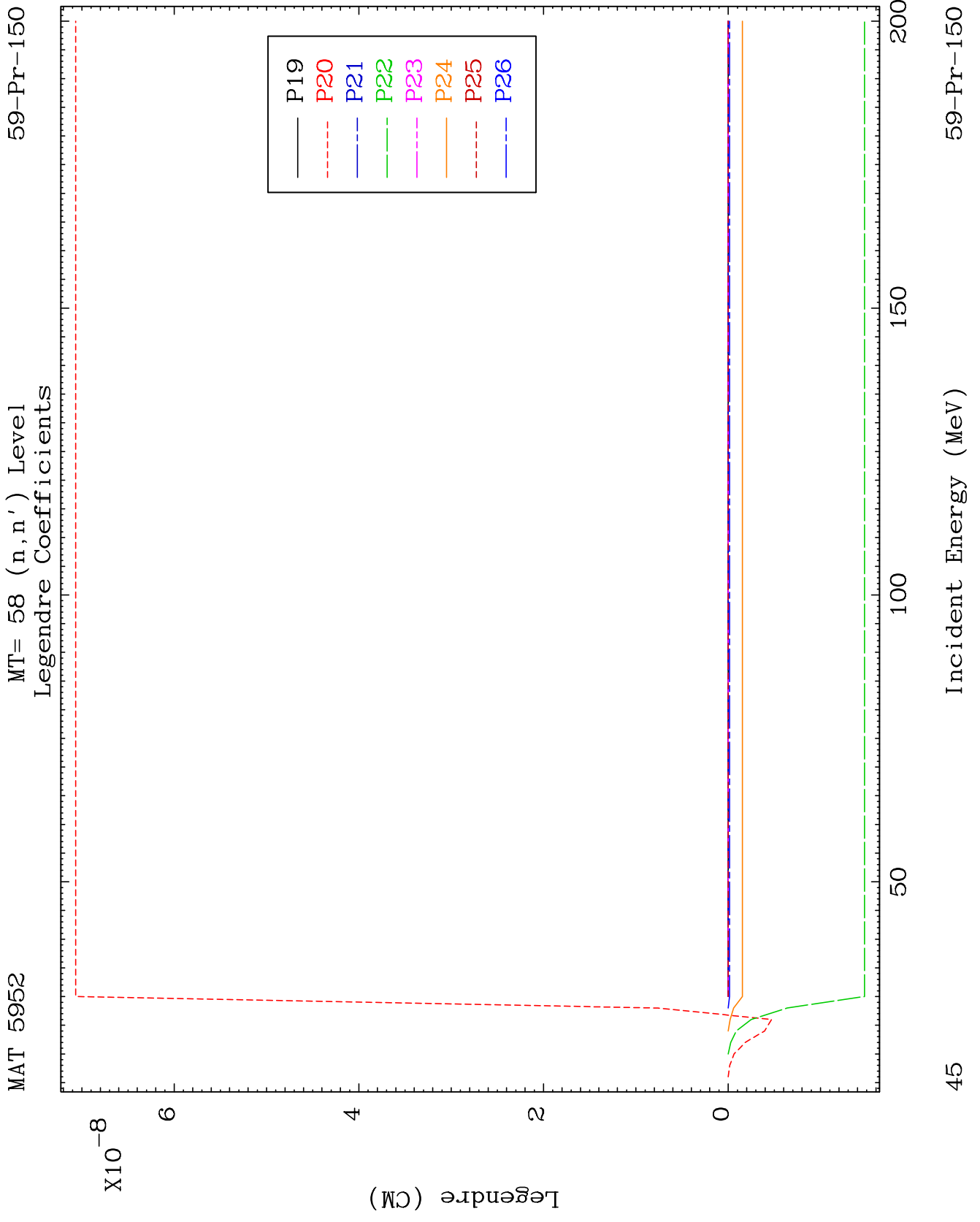
59-Pr-150



44

Incident Energy (MeV)

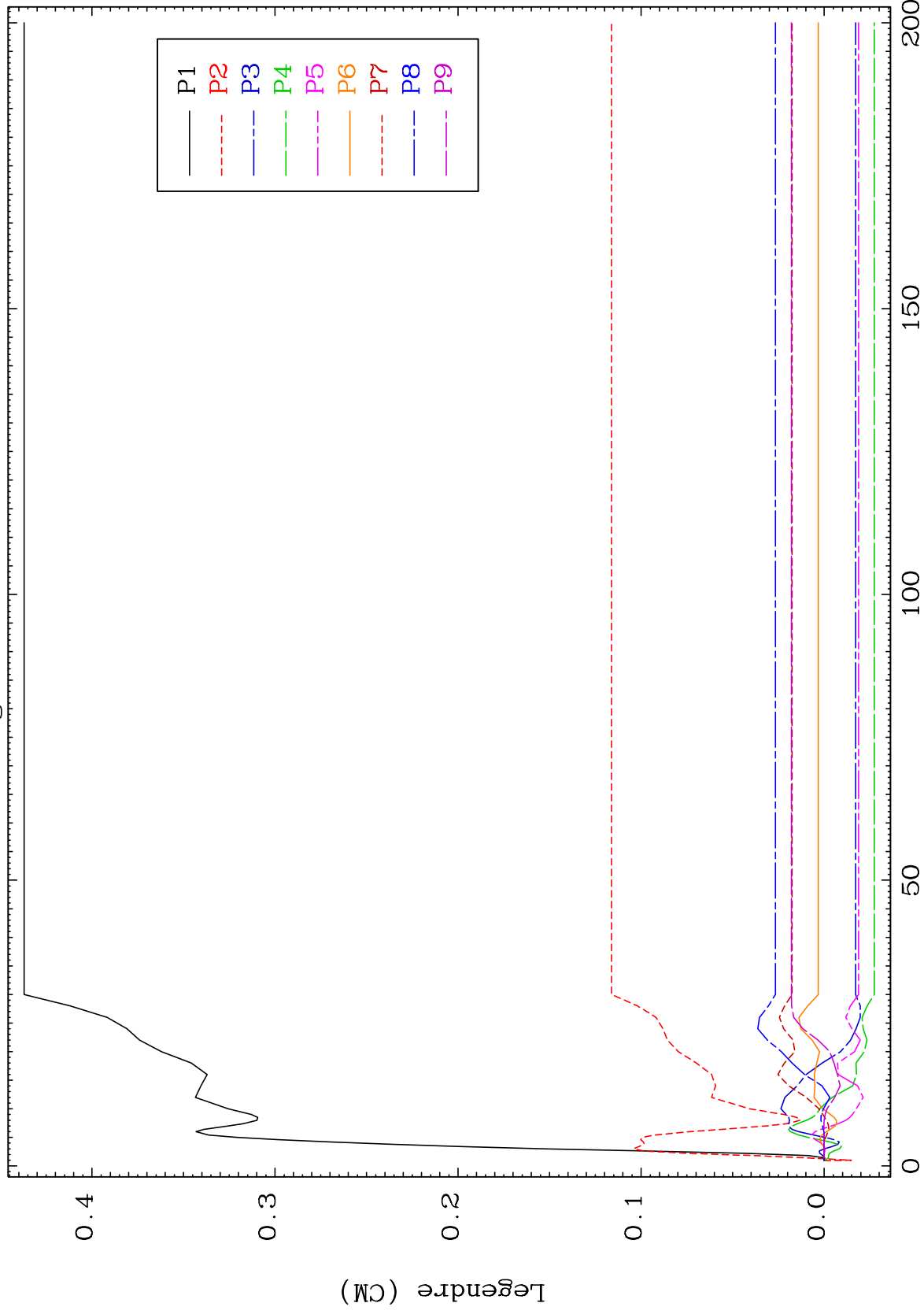
59-Pr-150



MAT 5952

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

59-Pr-150



46

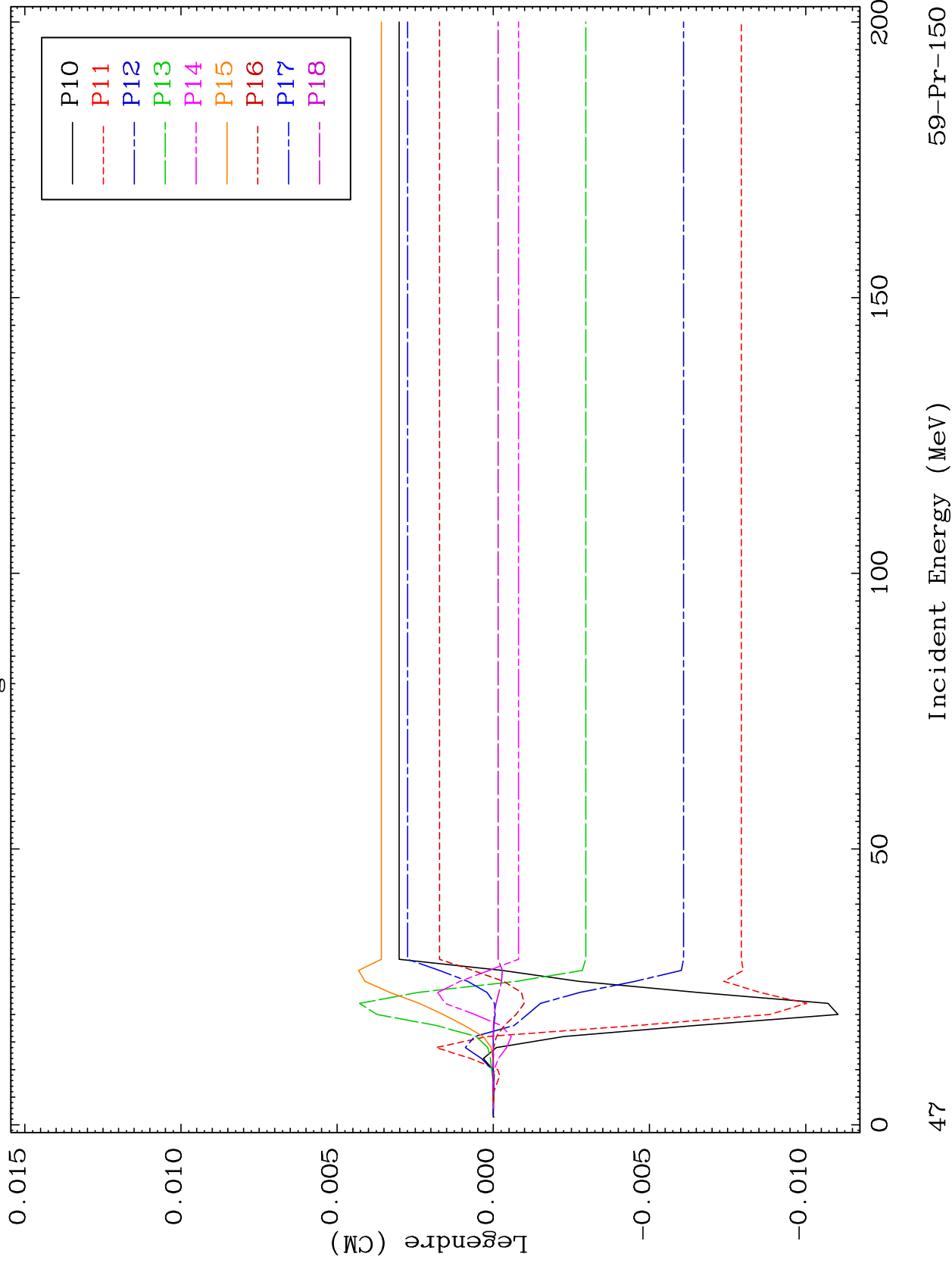
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

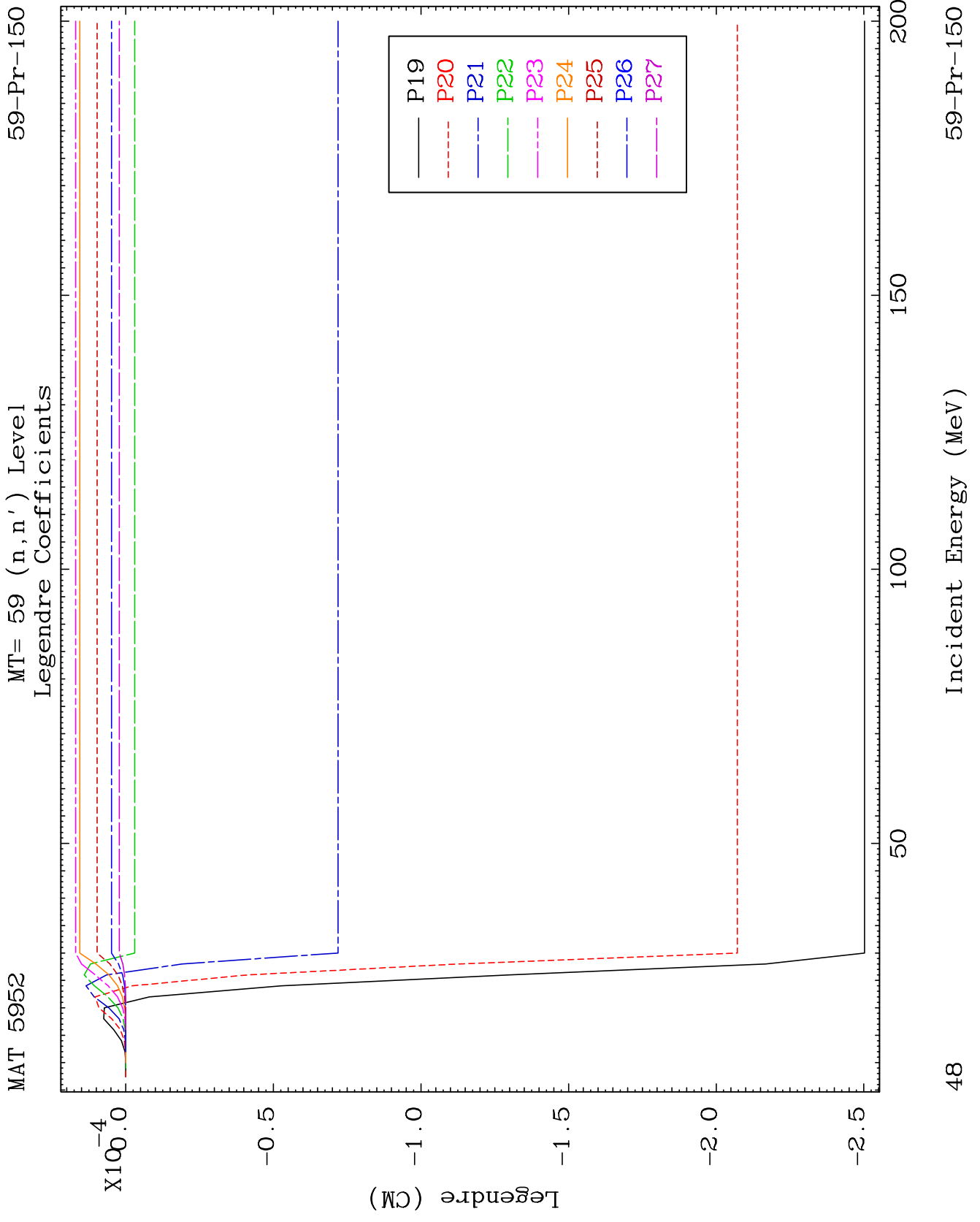
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47

Incident Energy (MeV)

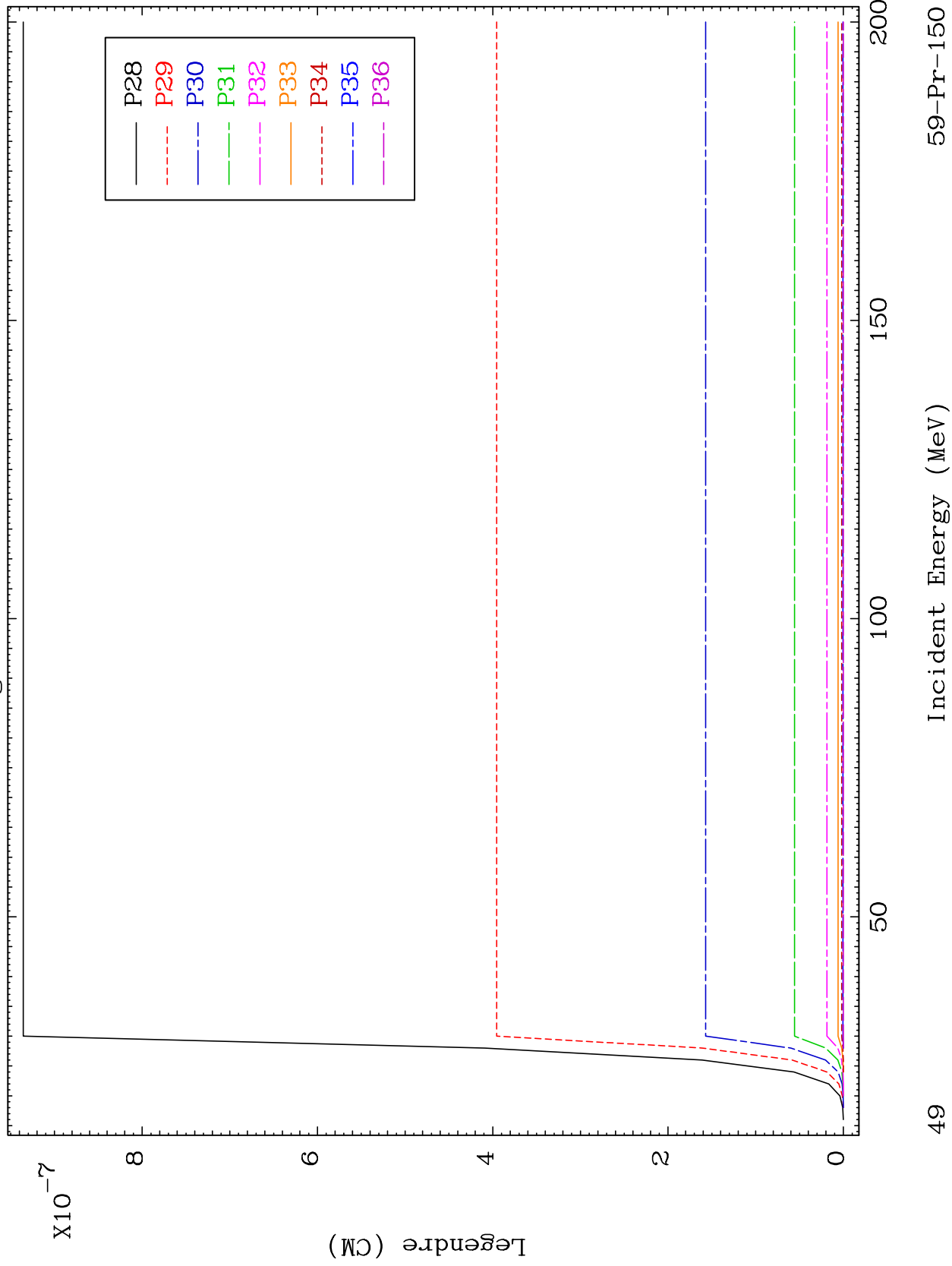
59-Pr-150



MAT 5952

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

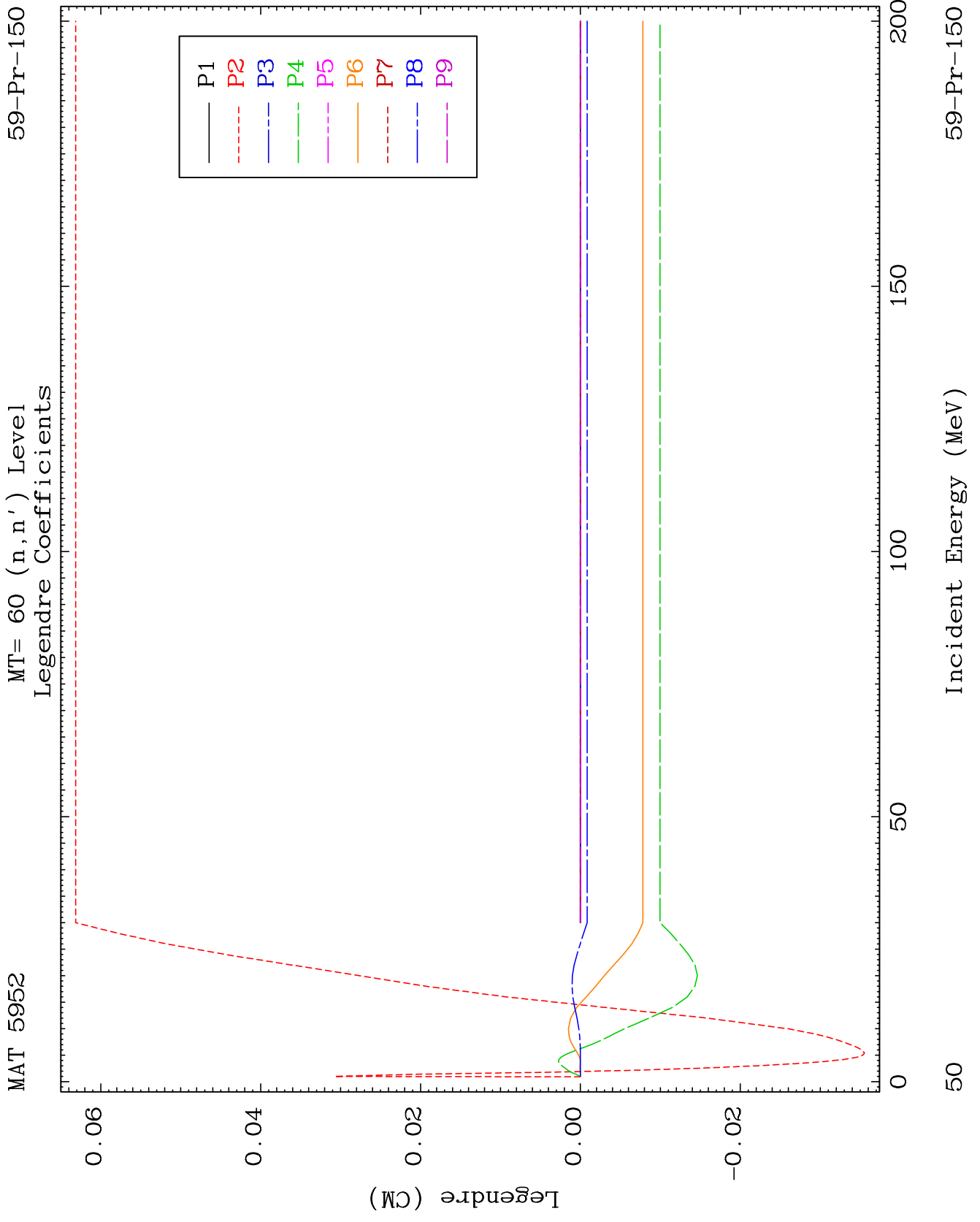
59-Pr-150



49

Incident Energy (MeV)

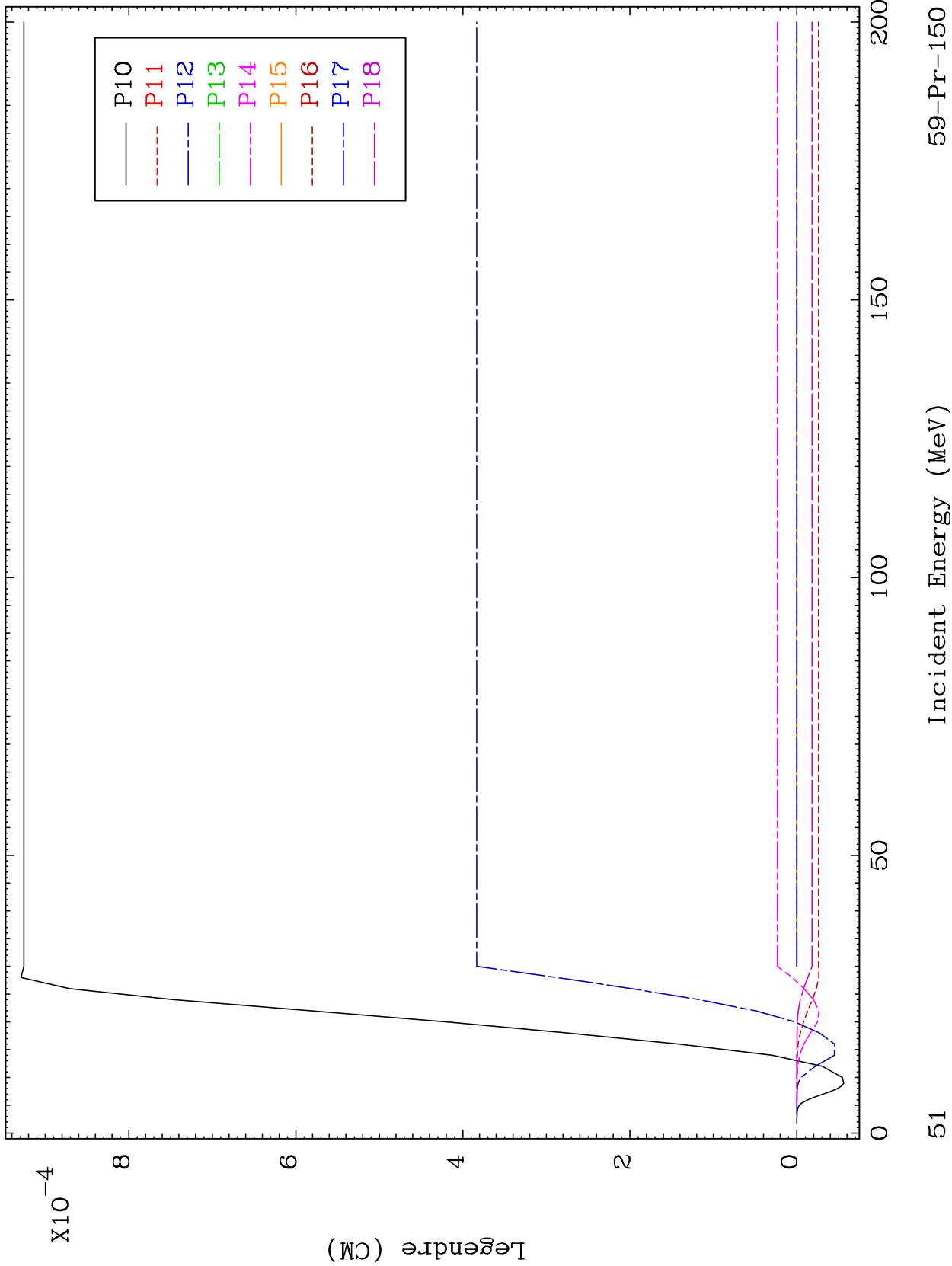
59-Pr-150



MAT 5952

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

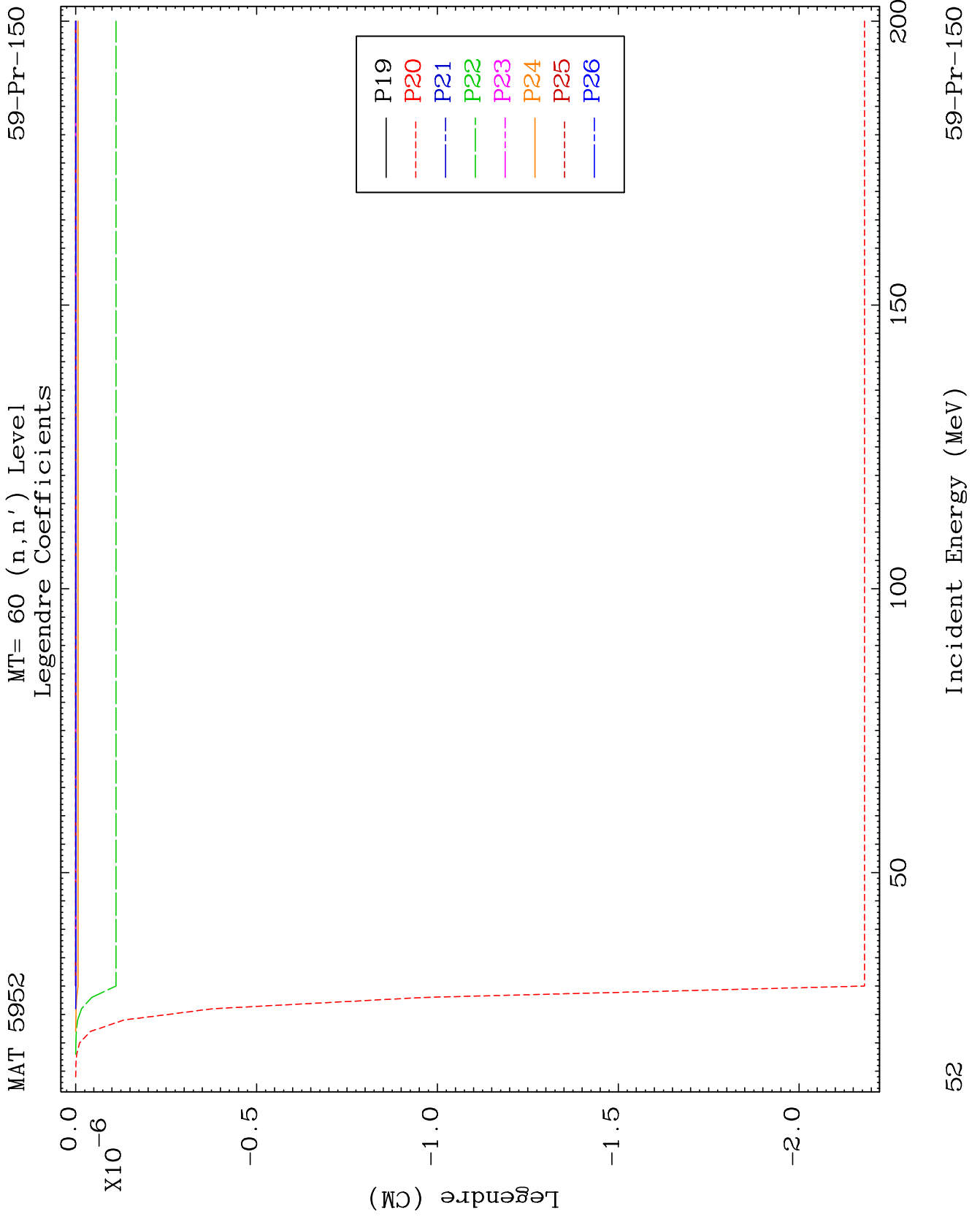
59-Pr-150



51

Incident Energy (MeV)

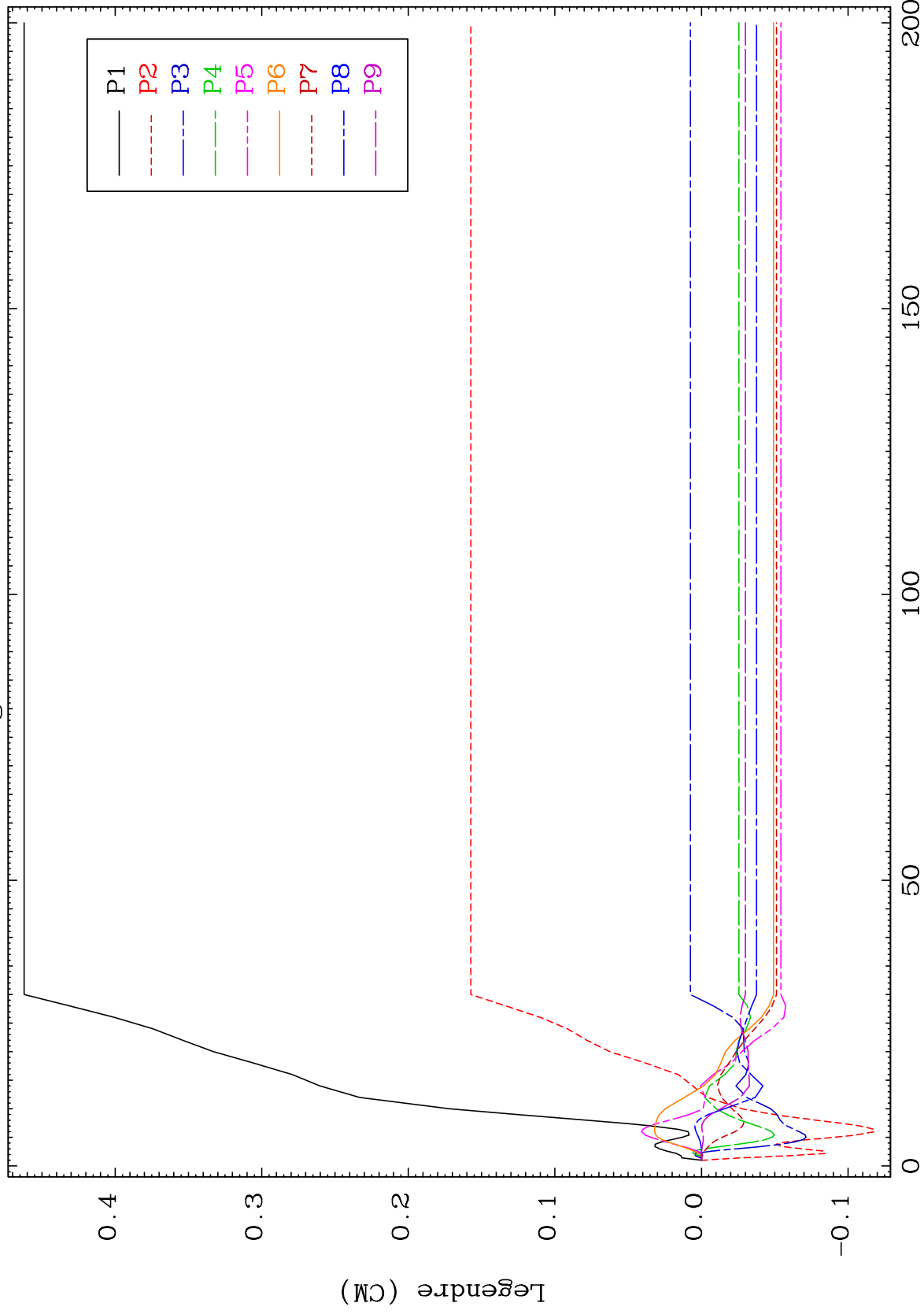
59-Pr-150



MAT 5952

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

59-Pr-150



53

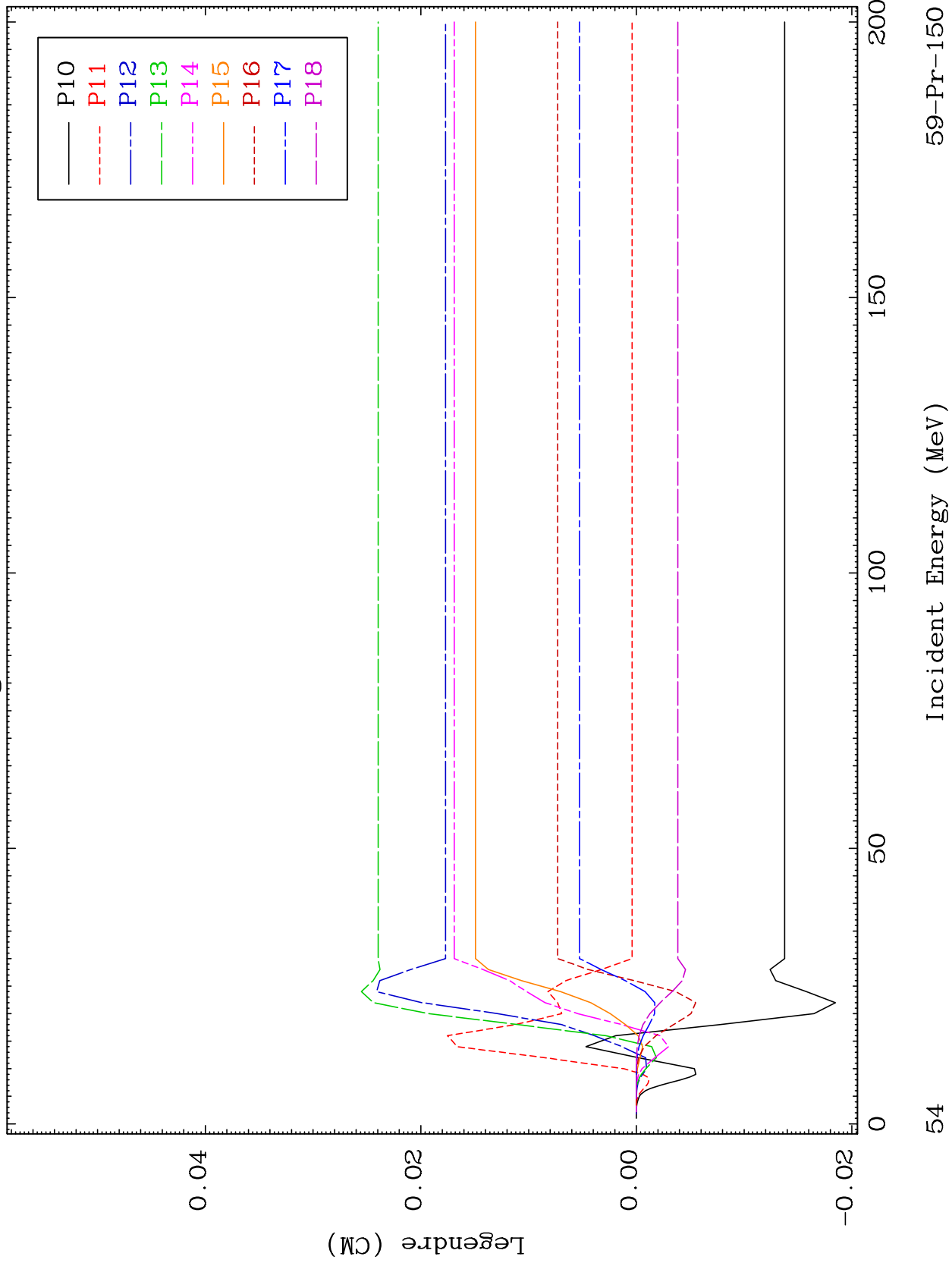
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



59-Pr-150

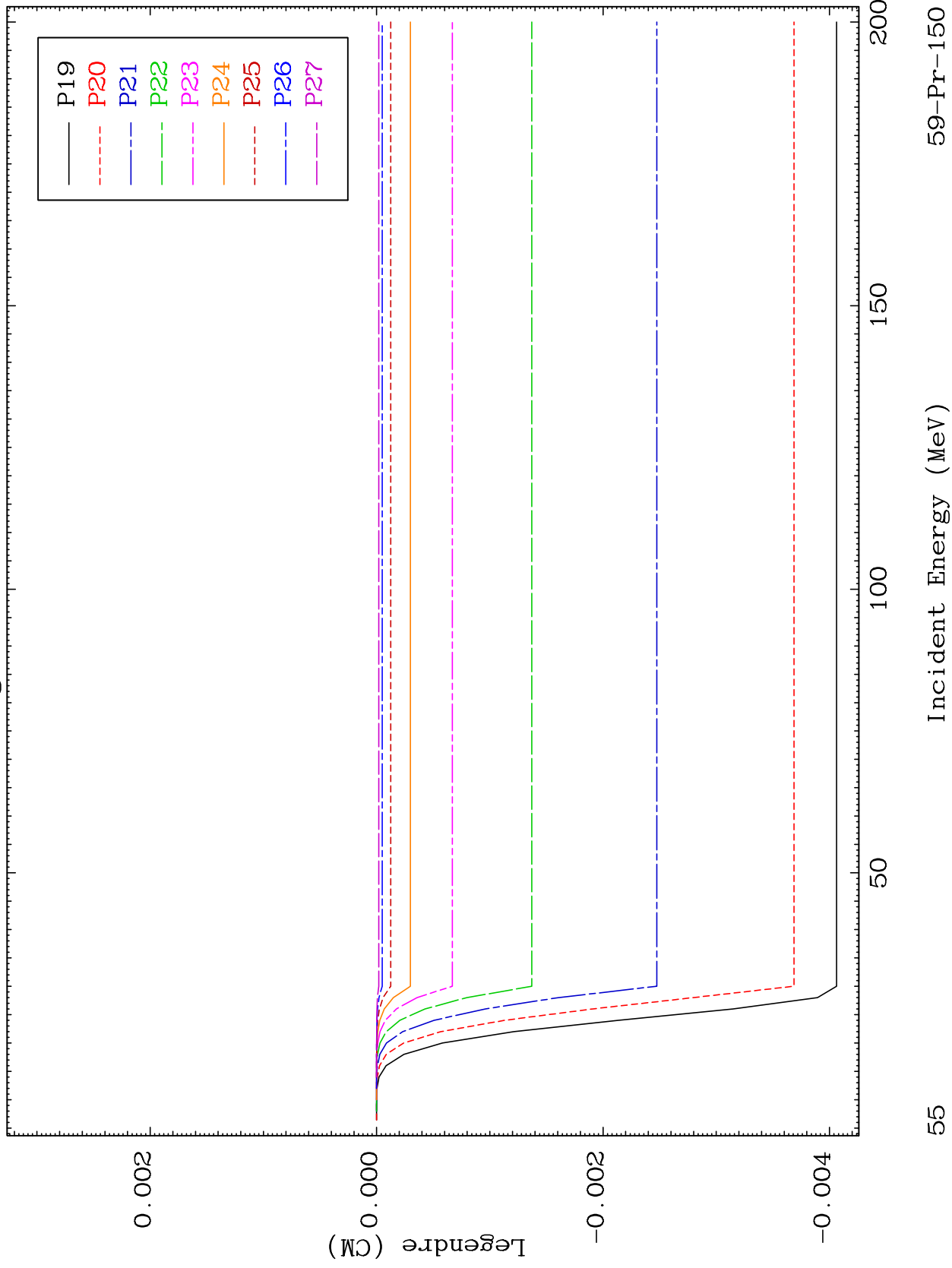
Incident Energy (MeV)

54

MAT 5952

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

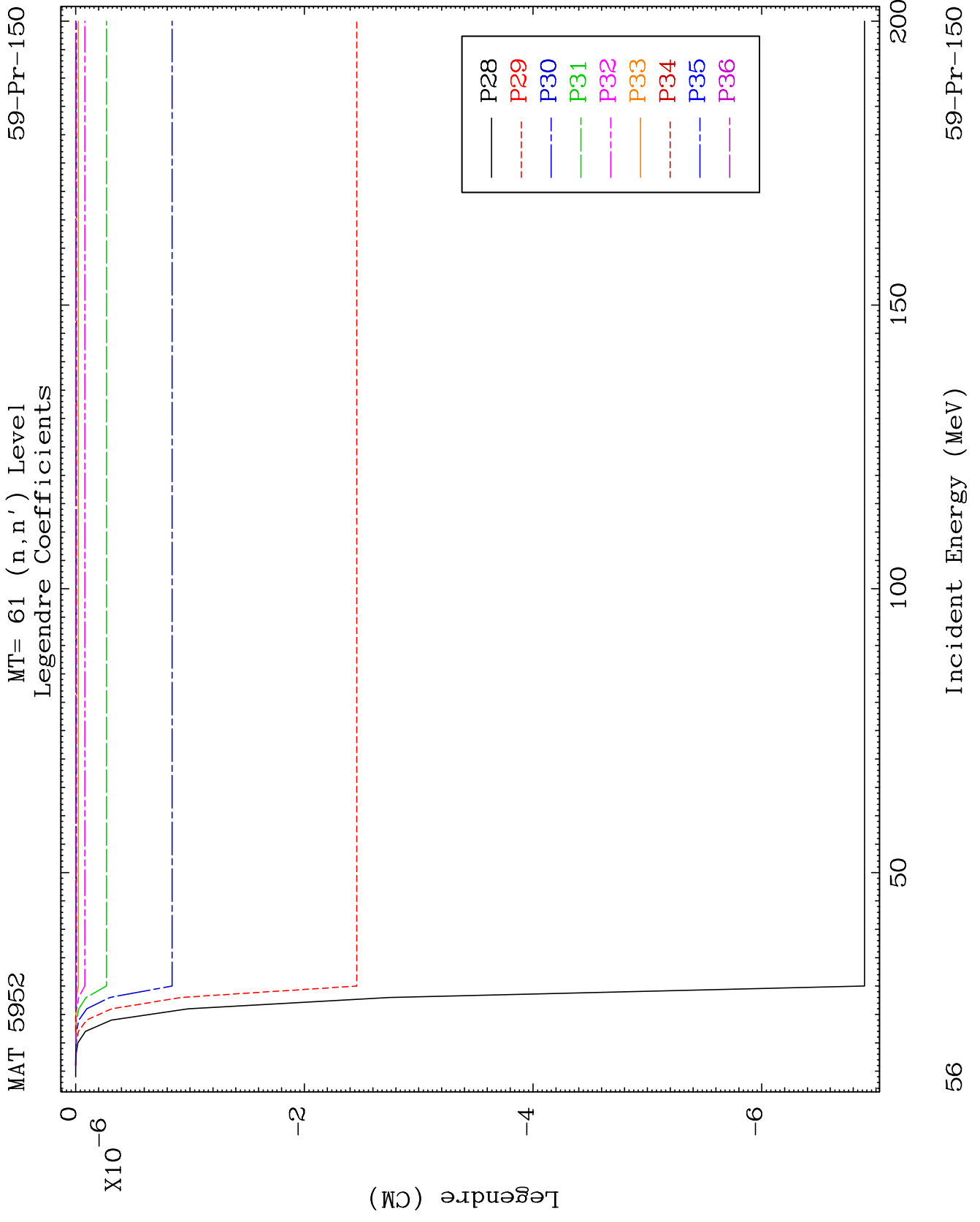
59-Pr-150



55

Incident Energy (MeV)

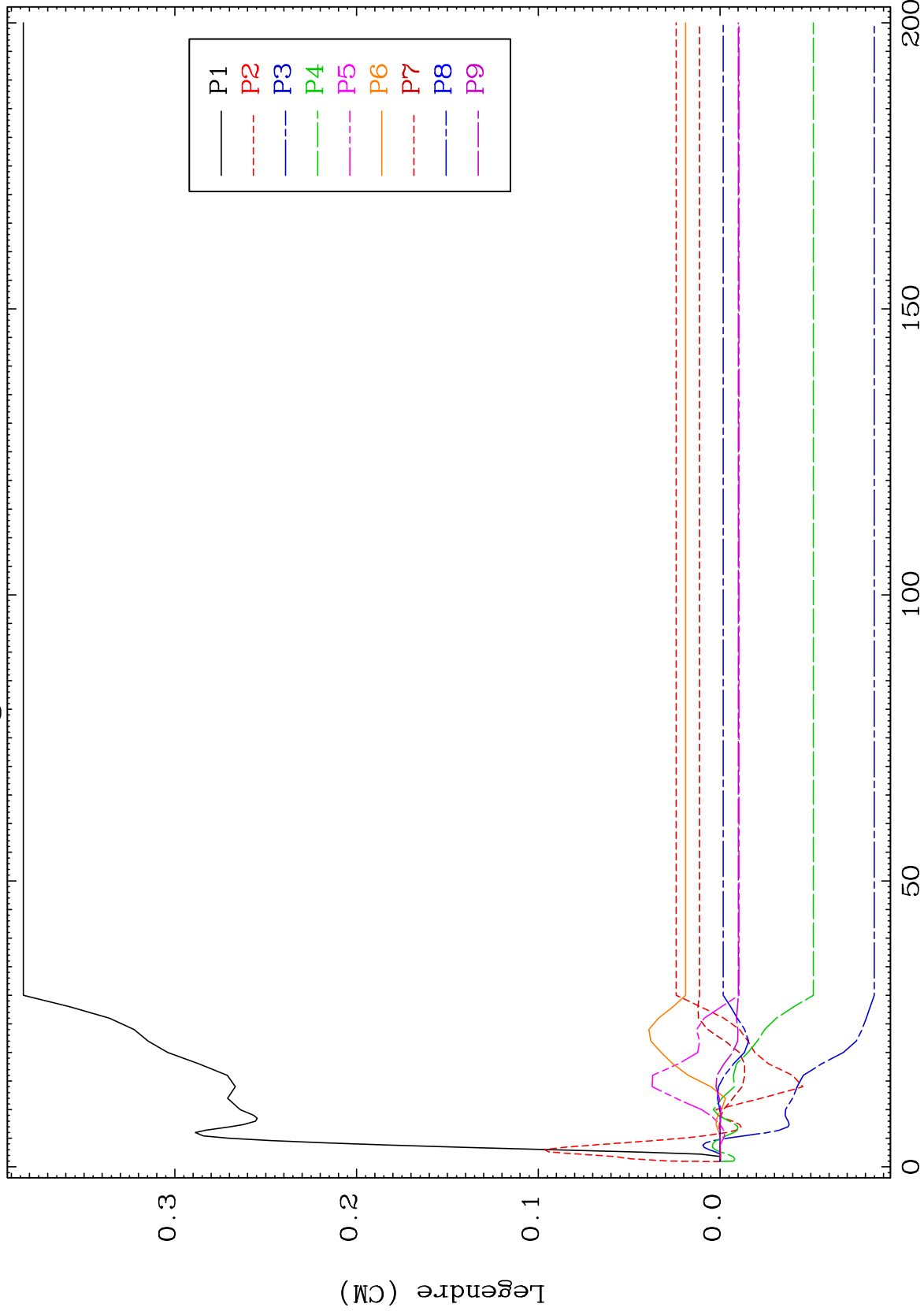
59-Pr-150



MAT 5952

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

59-Pr-150



57

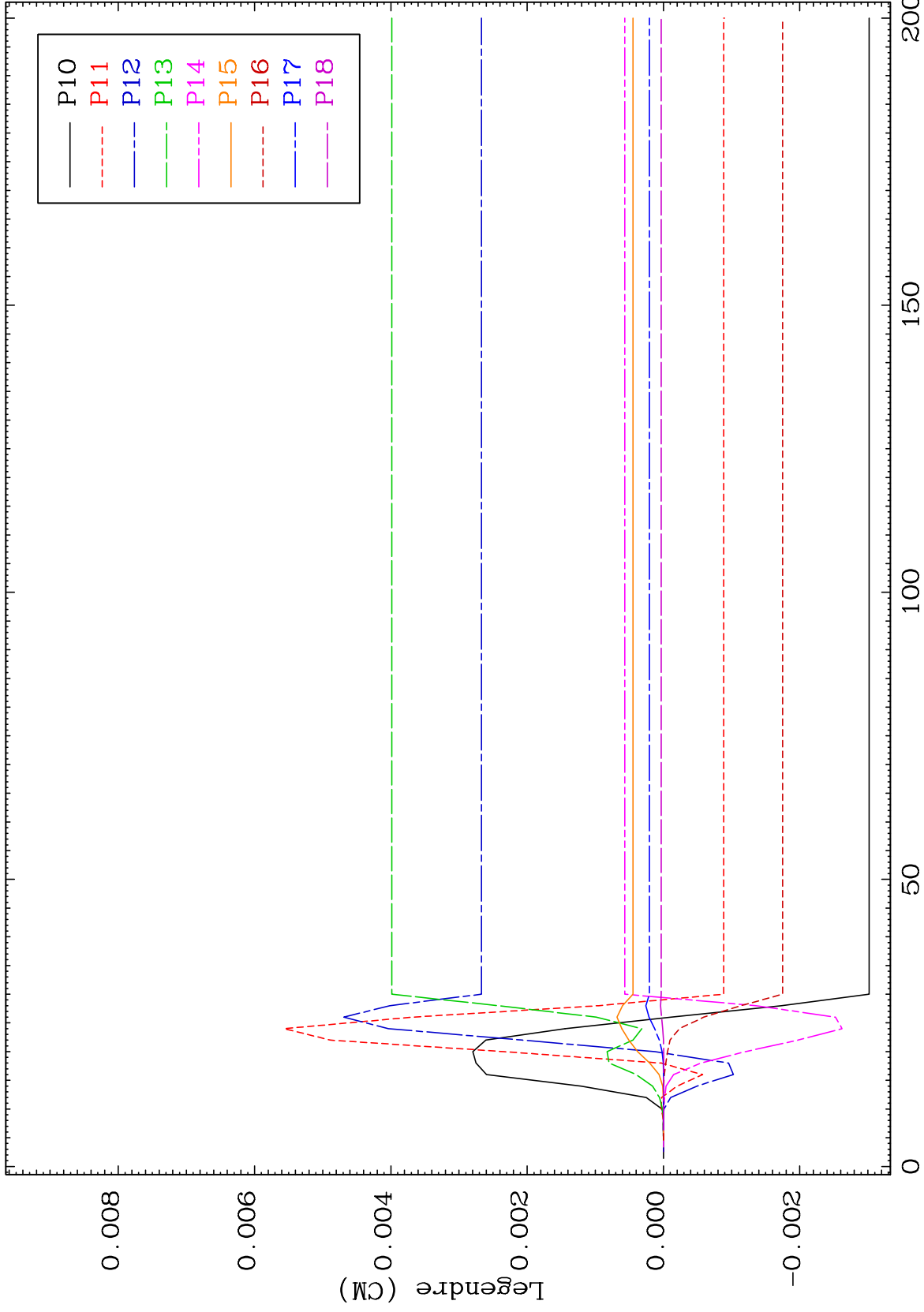
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



58

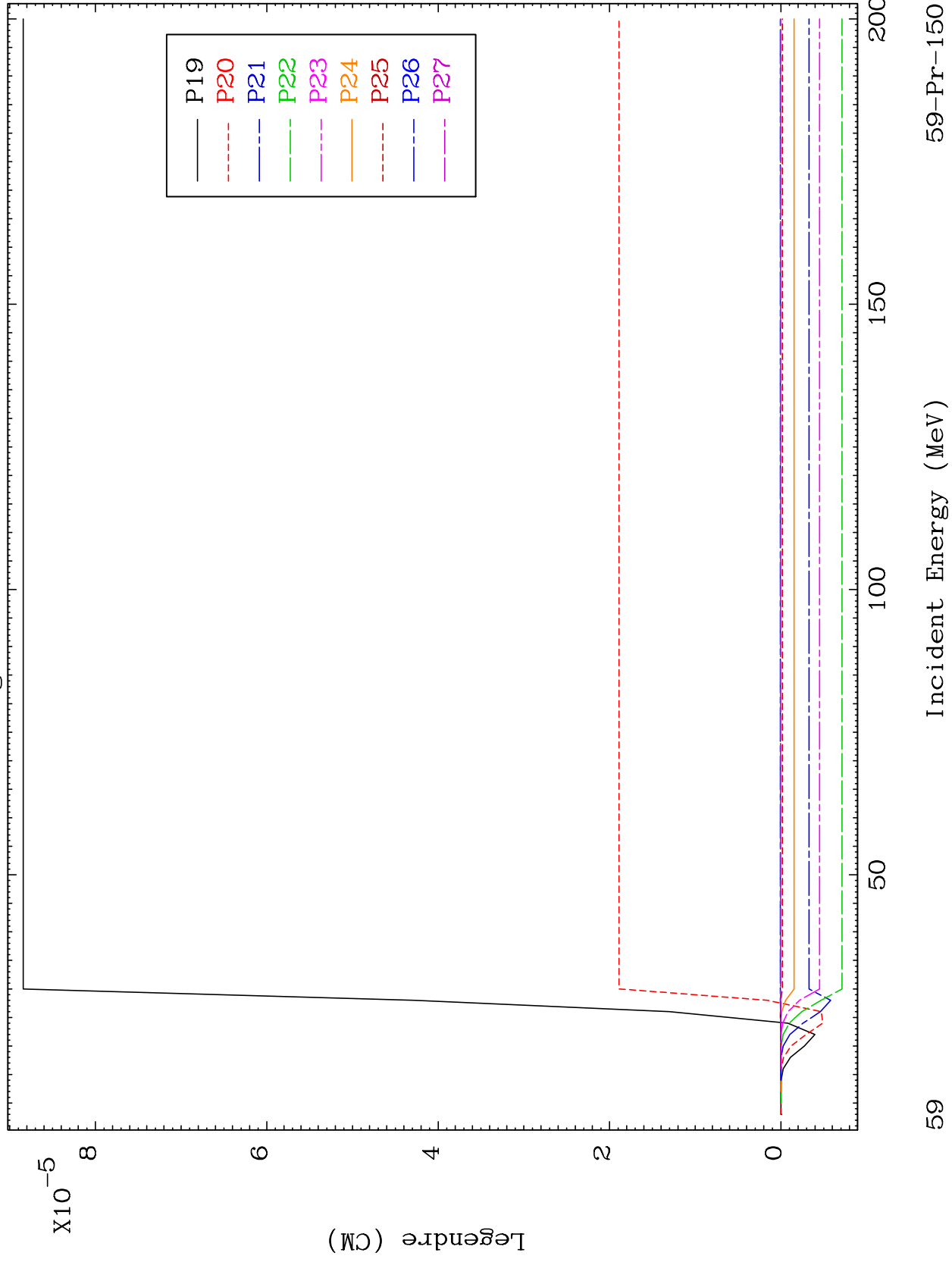
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



59

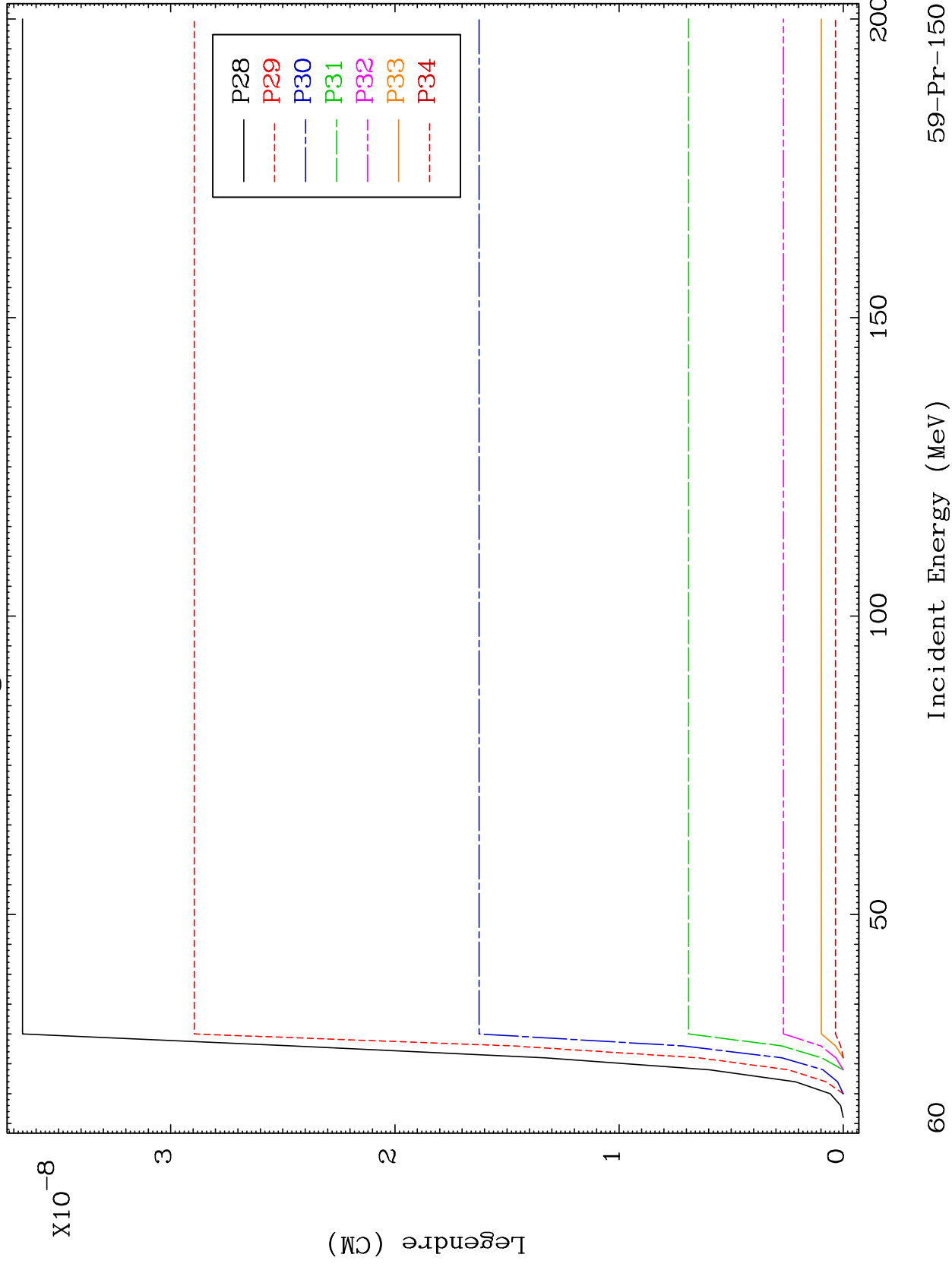
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

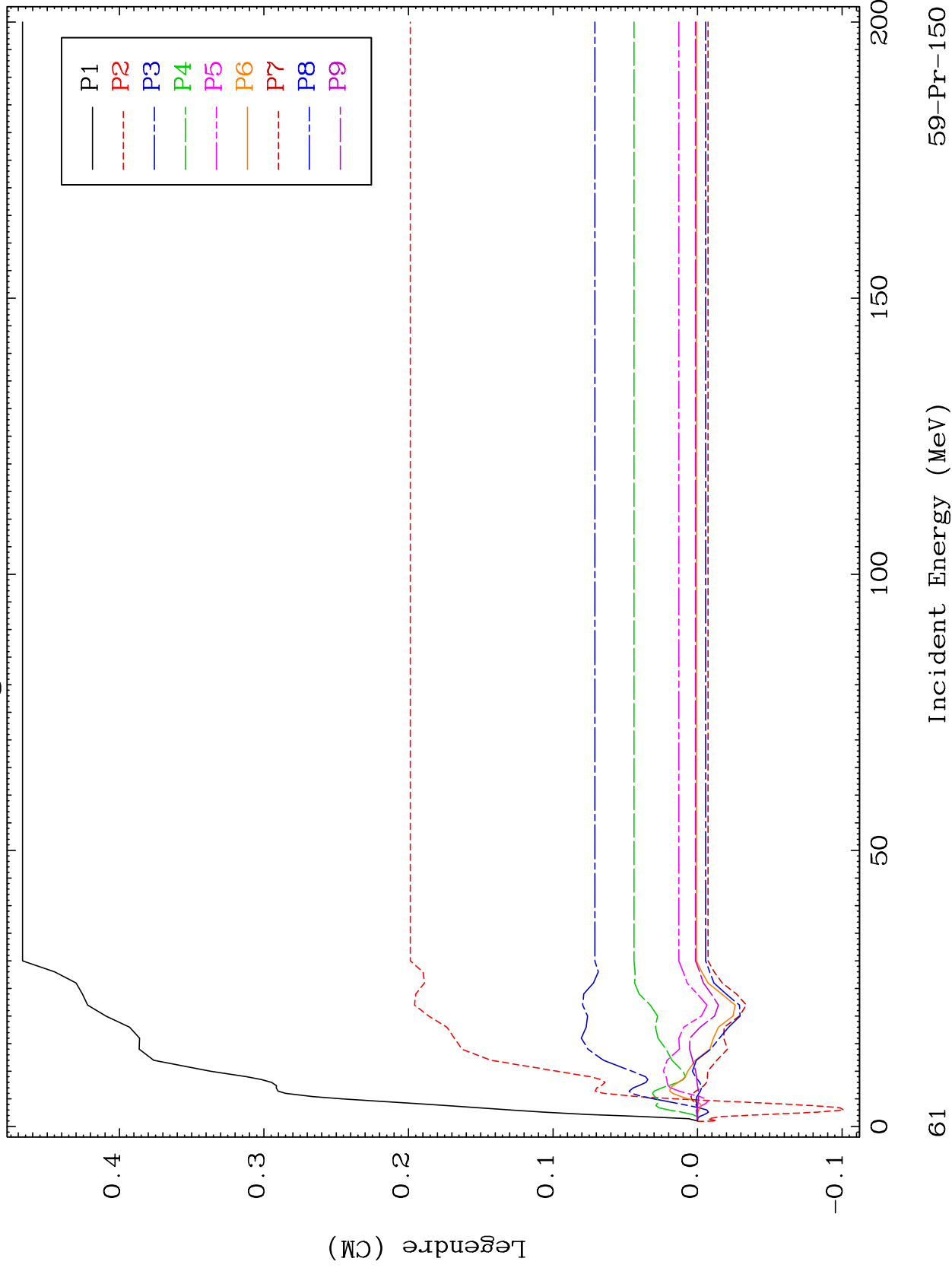
59-Pr-150



MAT 5952

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

59-Pr-150



59-Pr-150

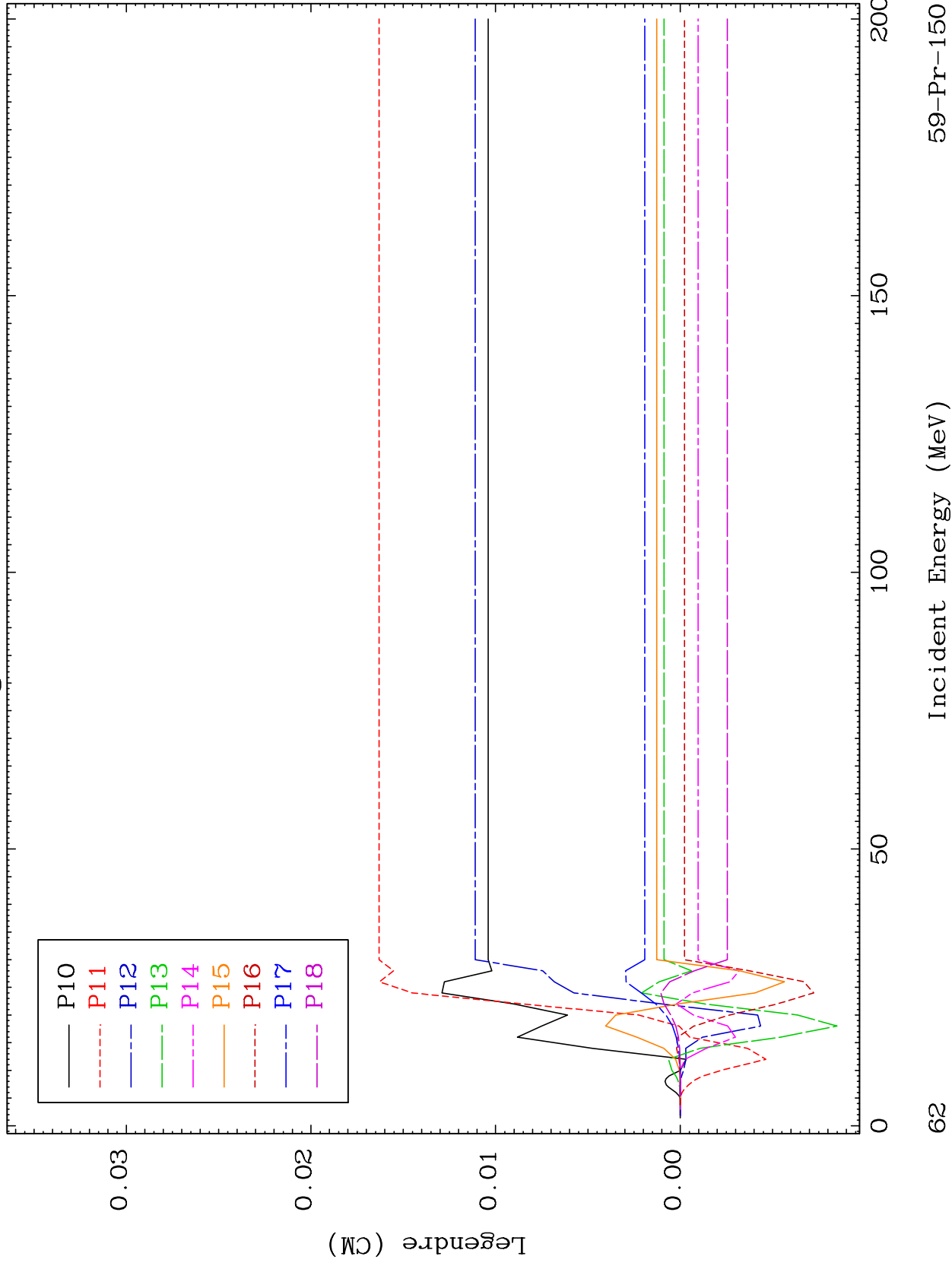
Incident Energy (MeV)

61

MAT 5952

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

59-Pr-150



59-Pr-150

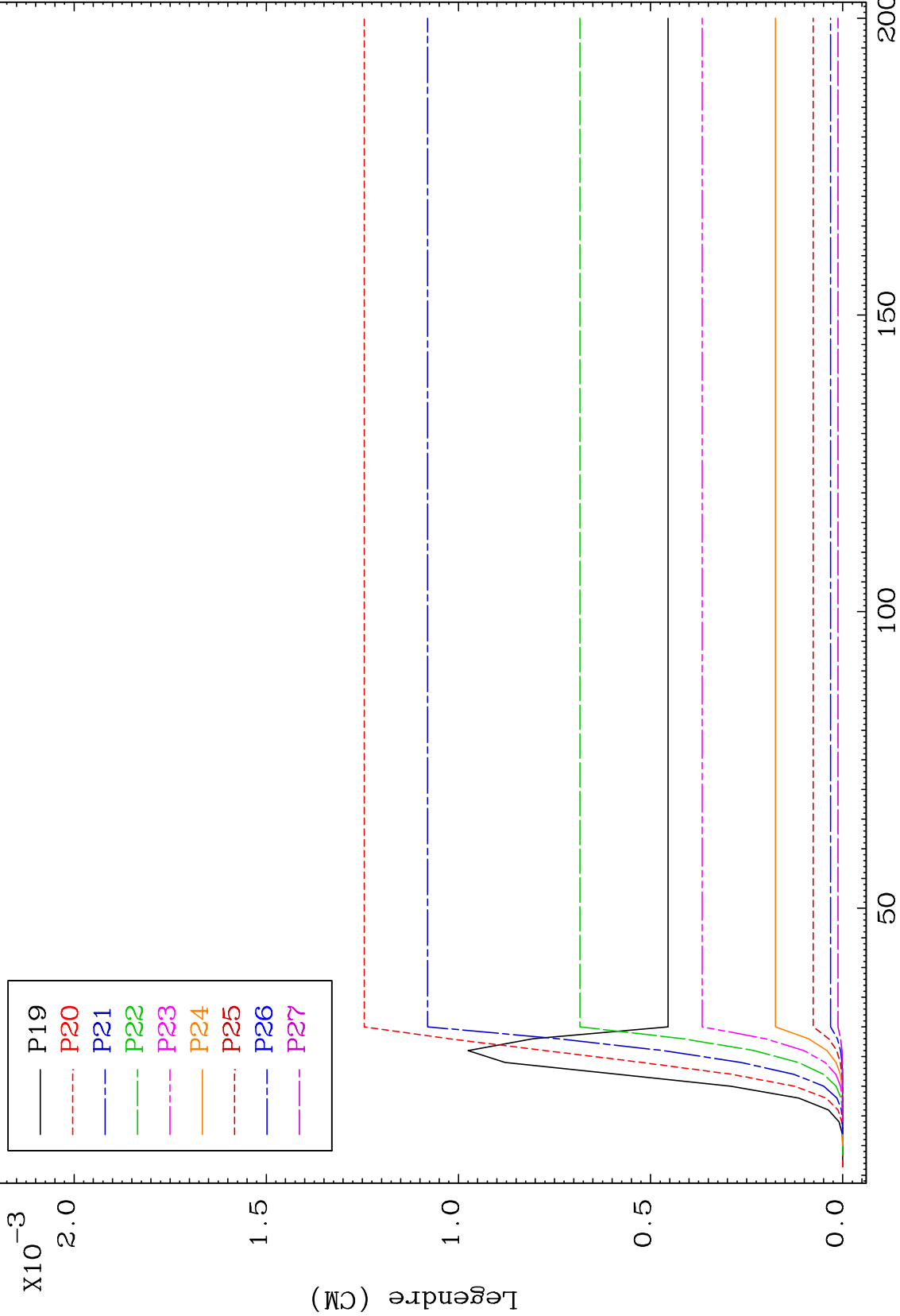
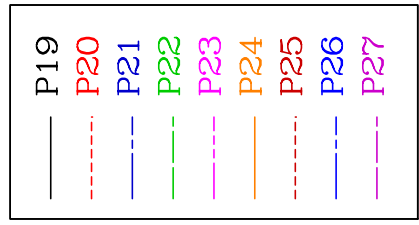
Incident Energy (MeV)

62

MAT 5952

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

59-Pr-150



63

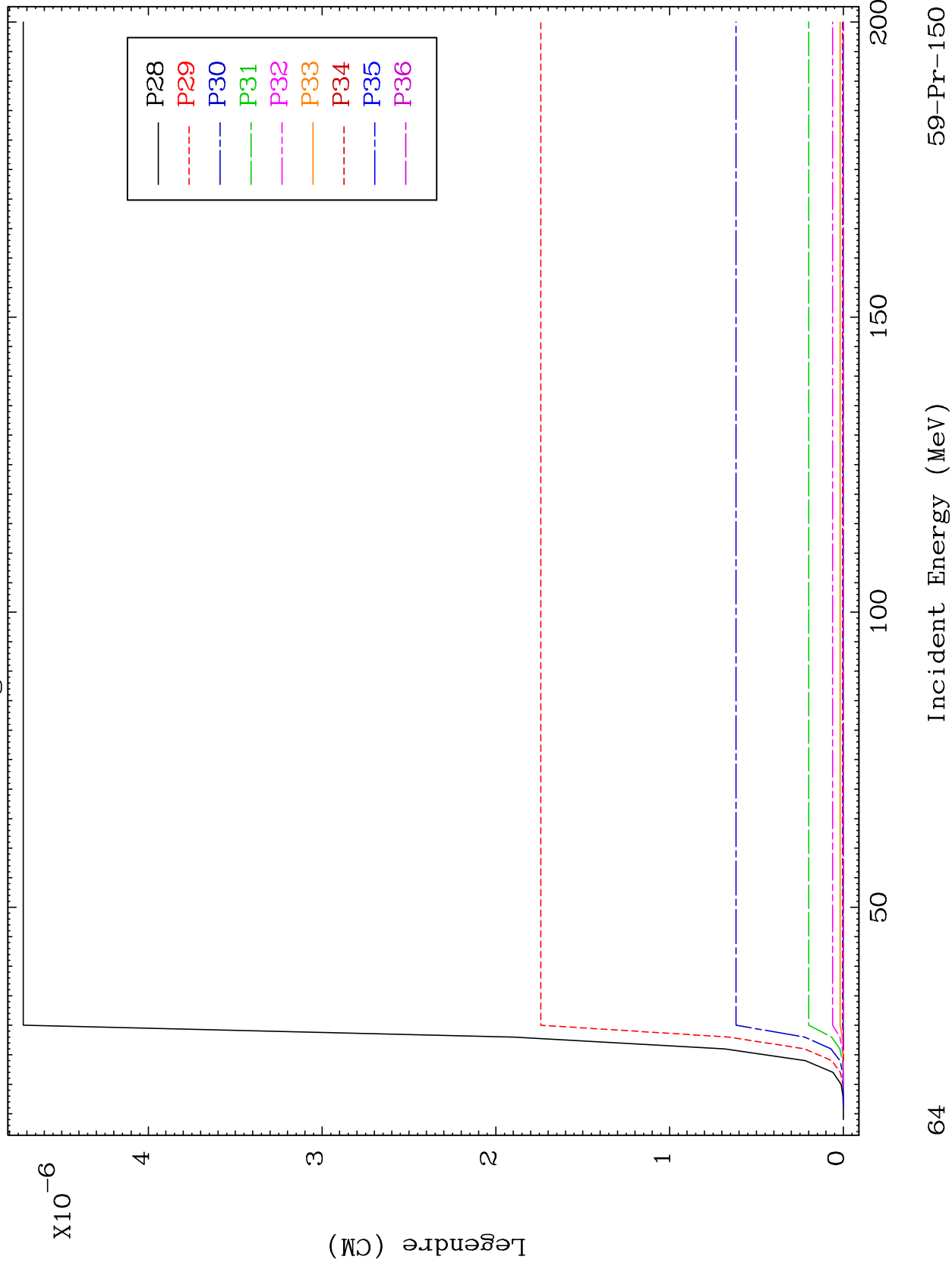
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



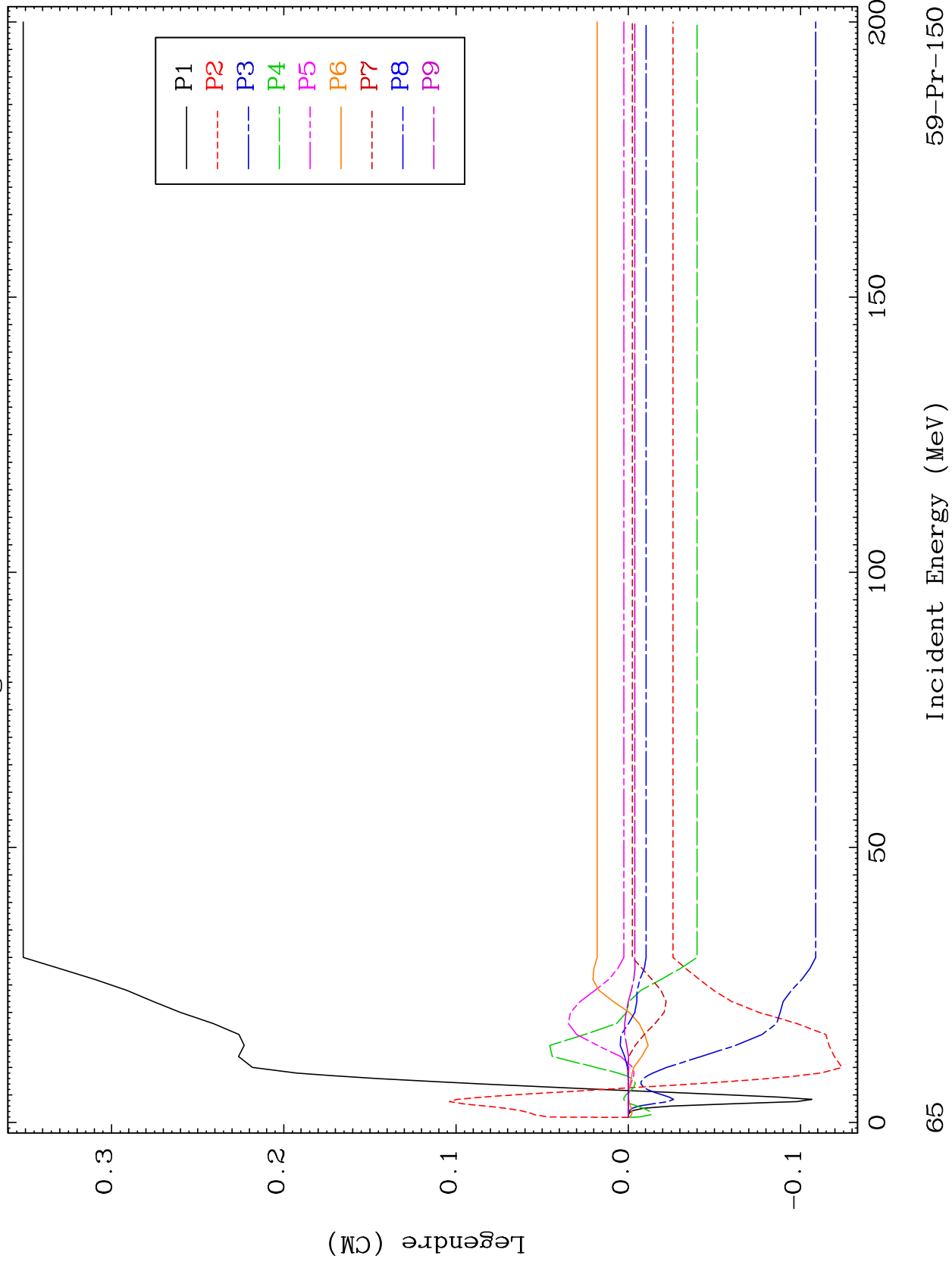
64

59-Pr-150

MAT 5952

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

59-Pr-150



59-Pr-150

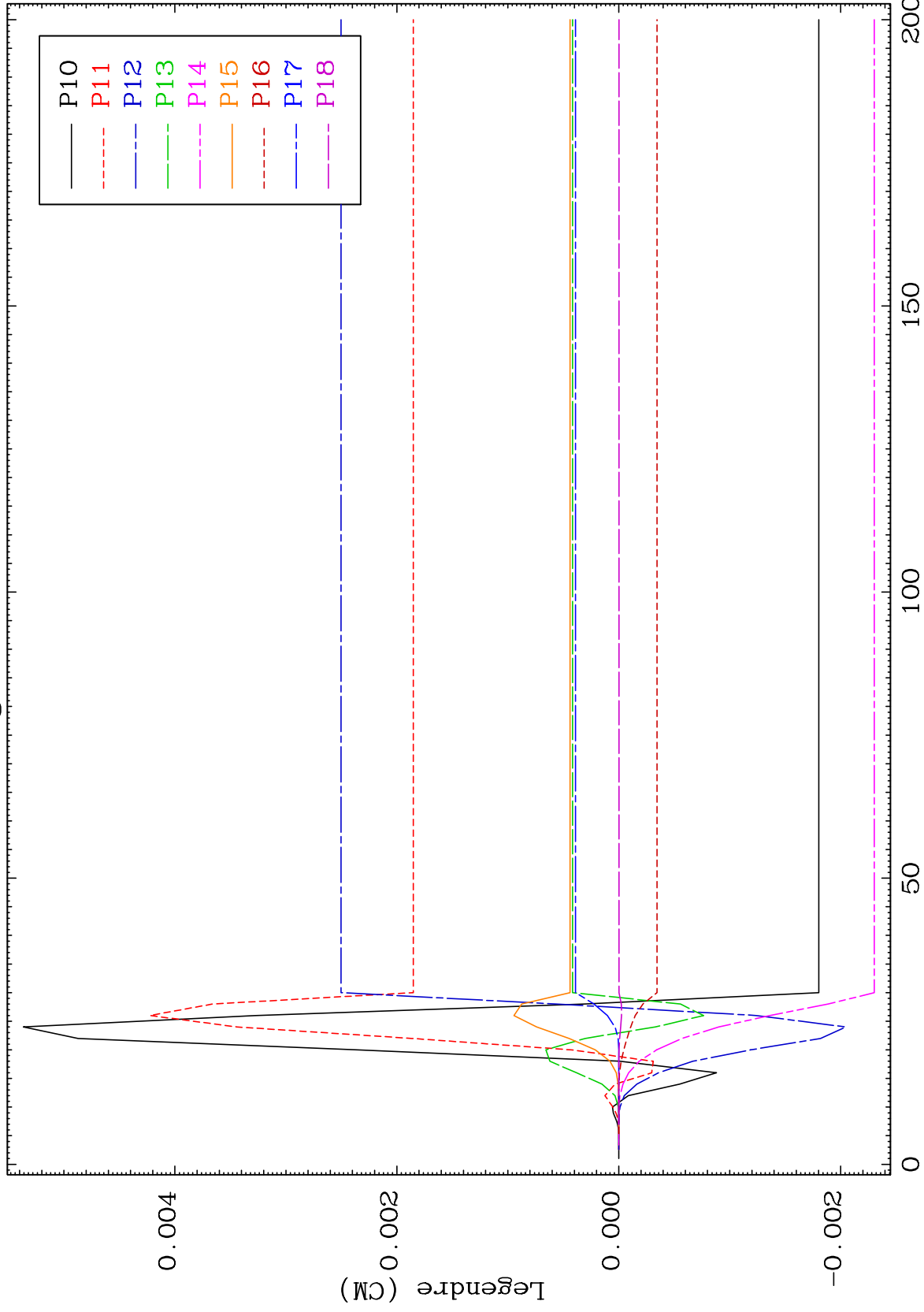
Incident Energy (MeV)

65

MAT 5952

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

59-Pr-150



66

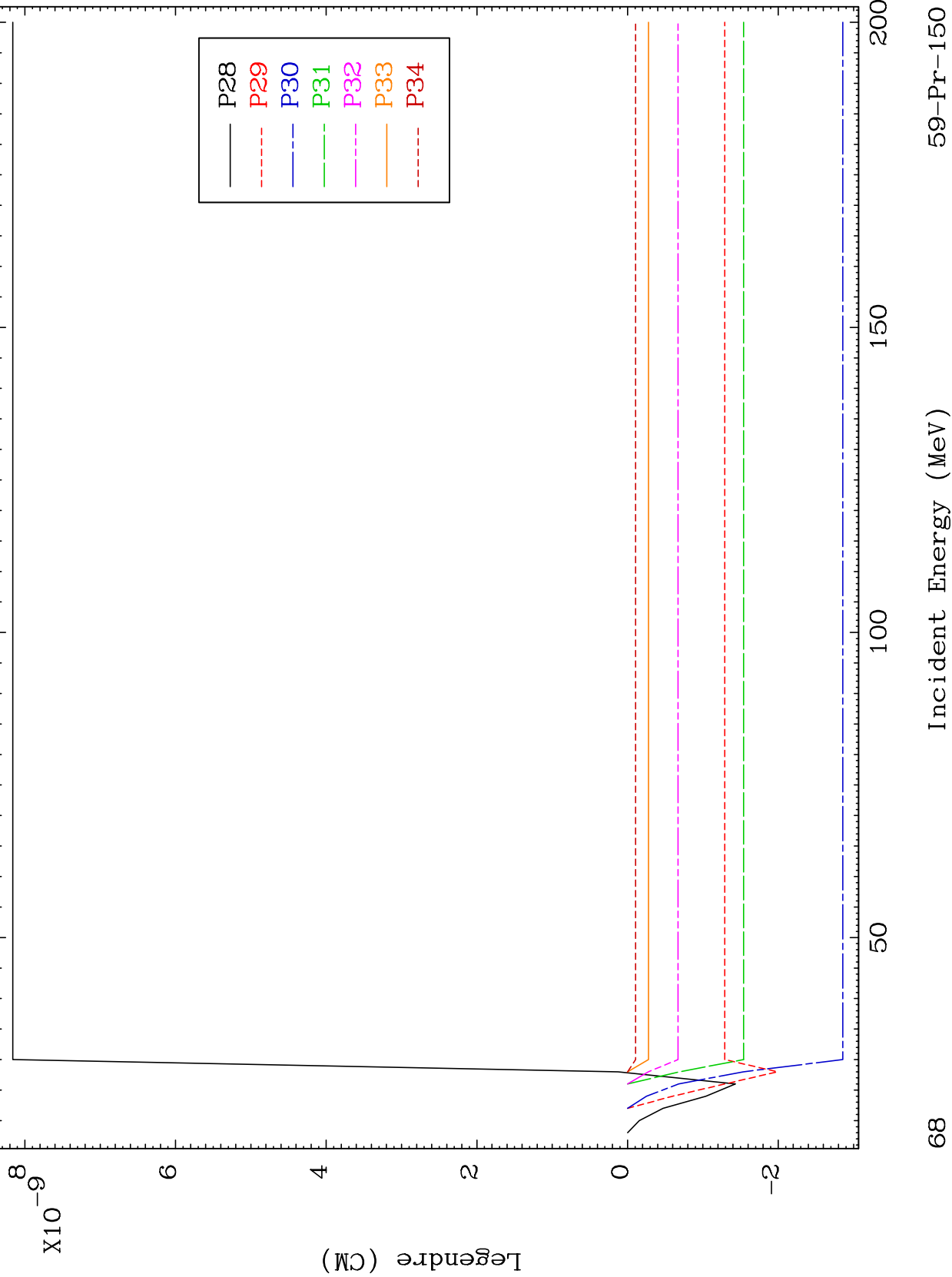
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



68

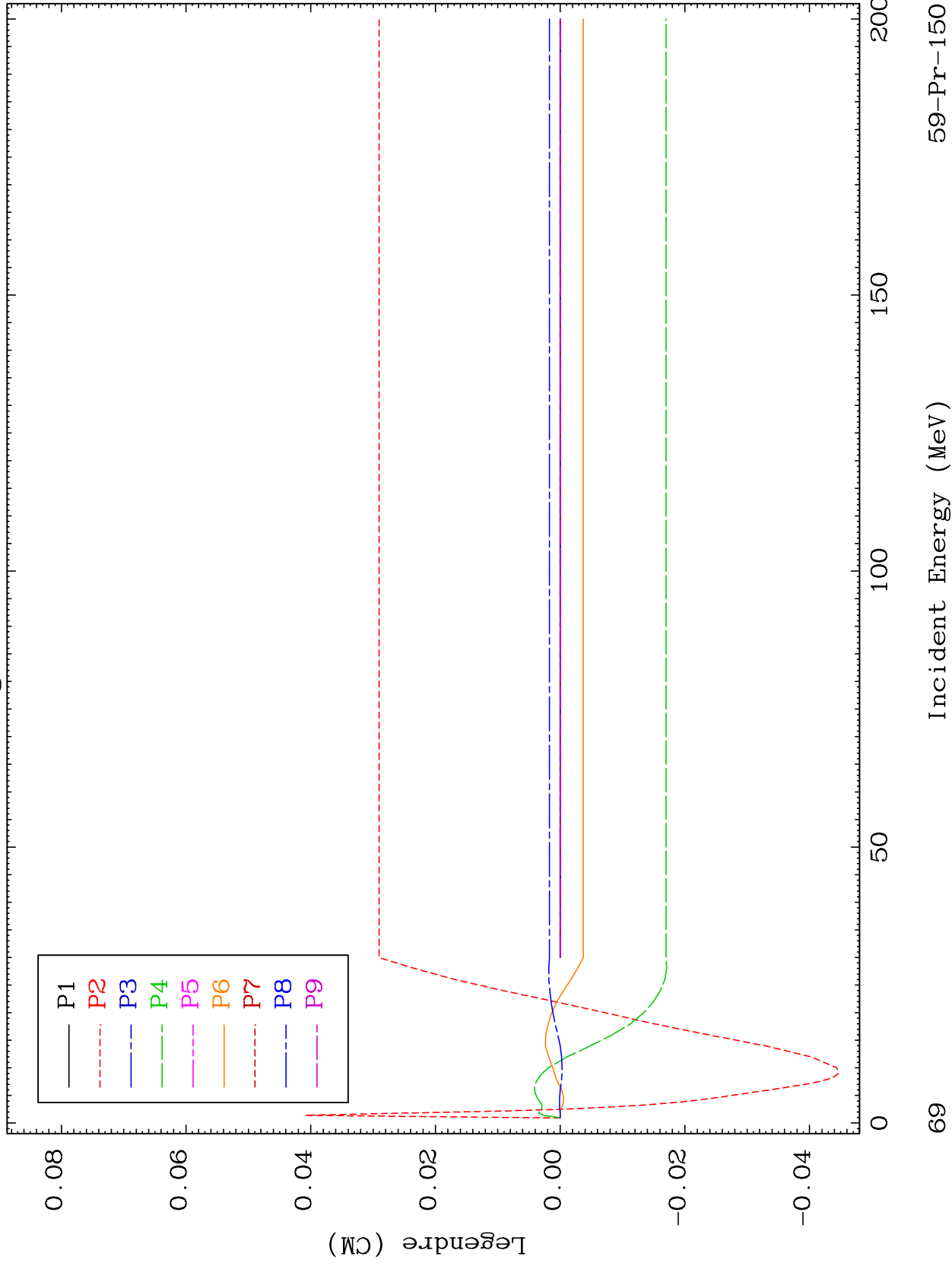
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



69

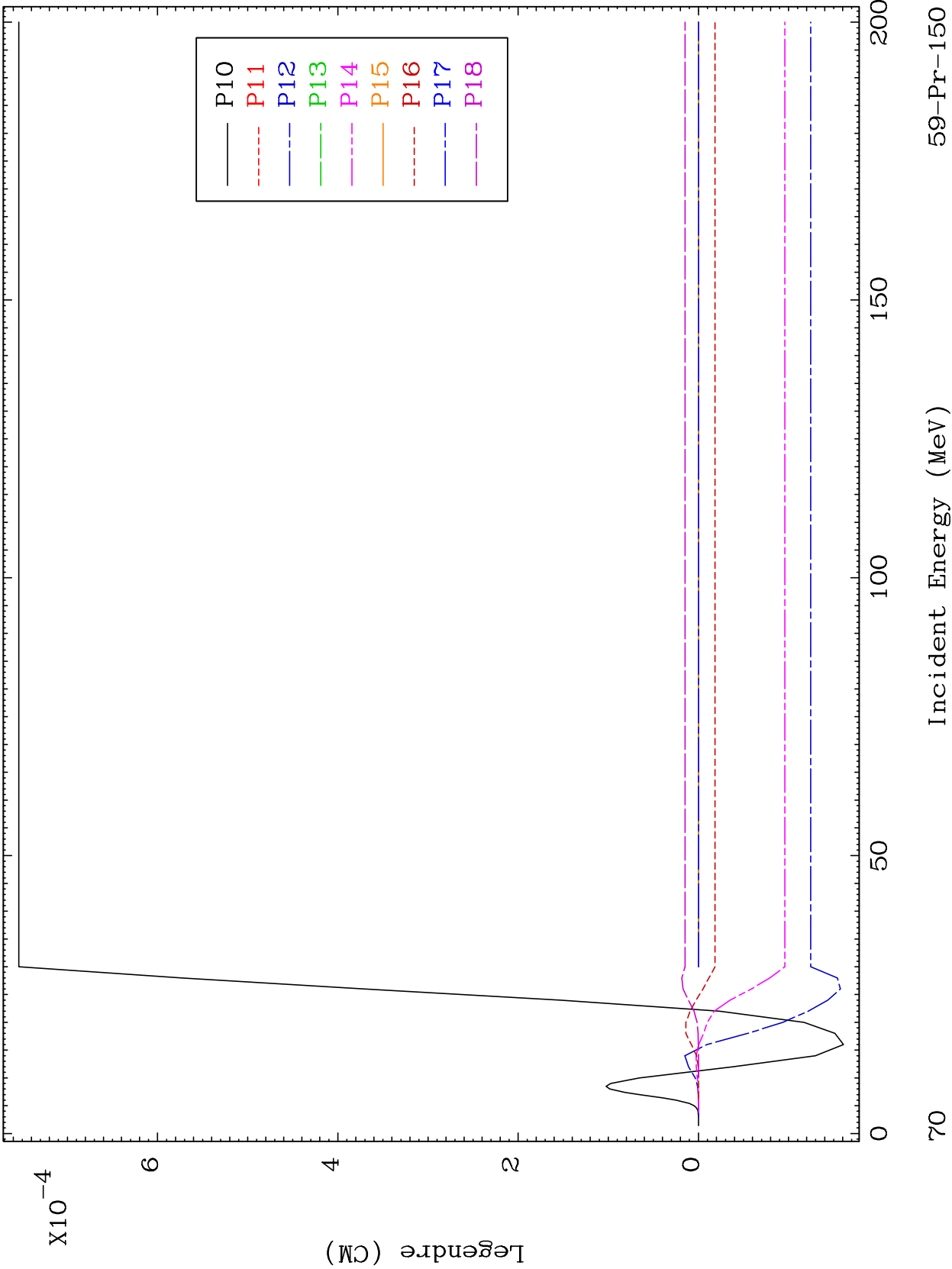
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

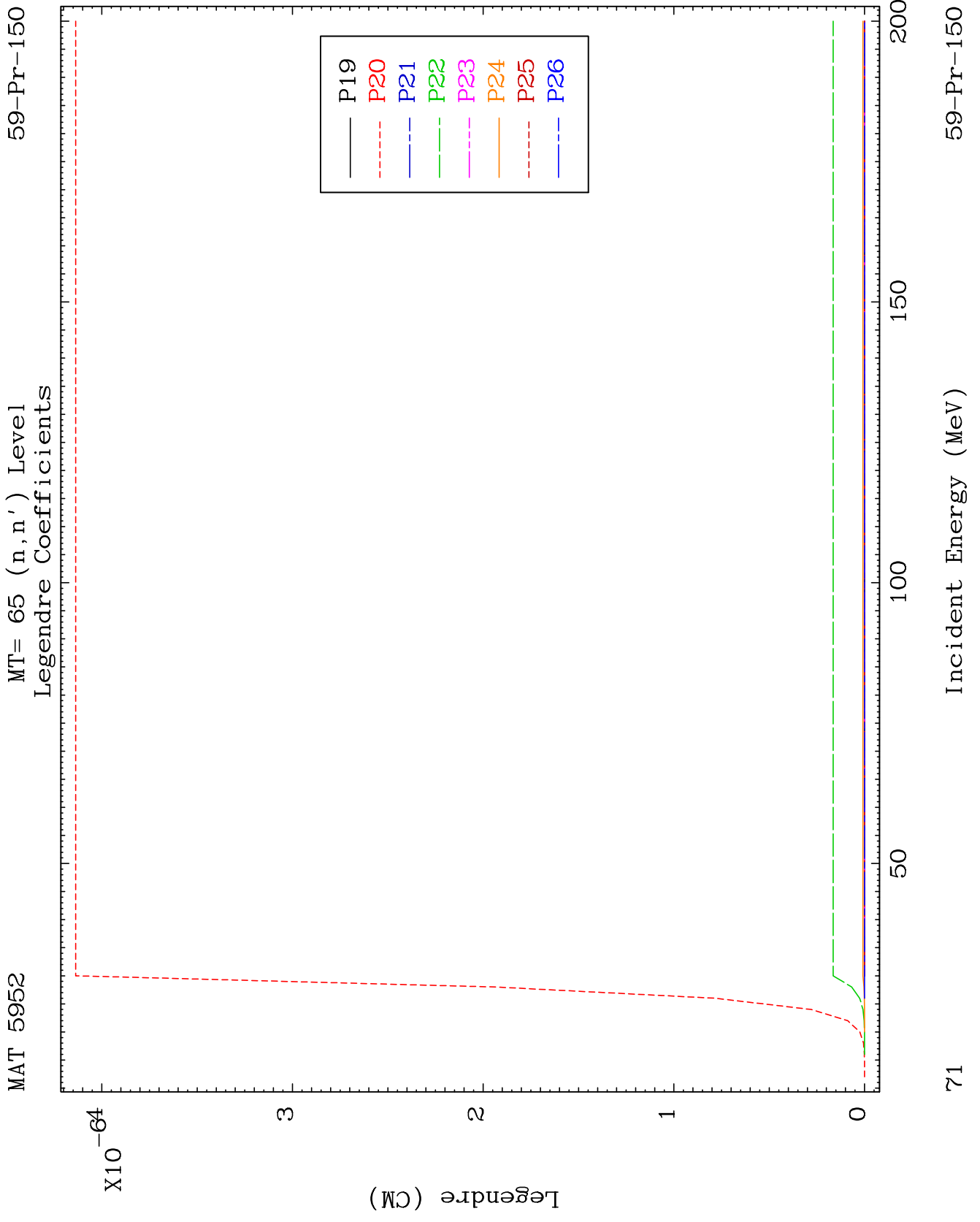
59-Pr-150



59-Pr-150

Incident Energy (MeV)

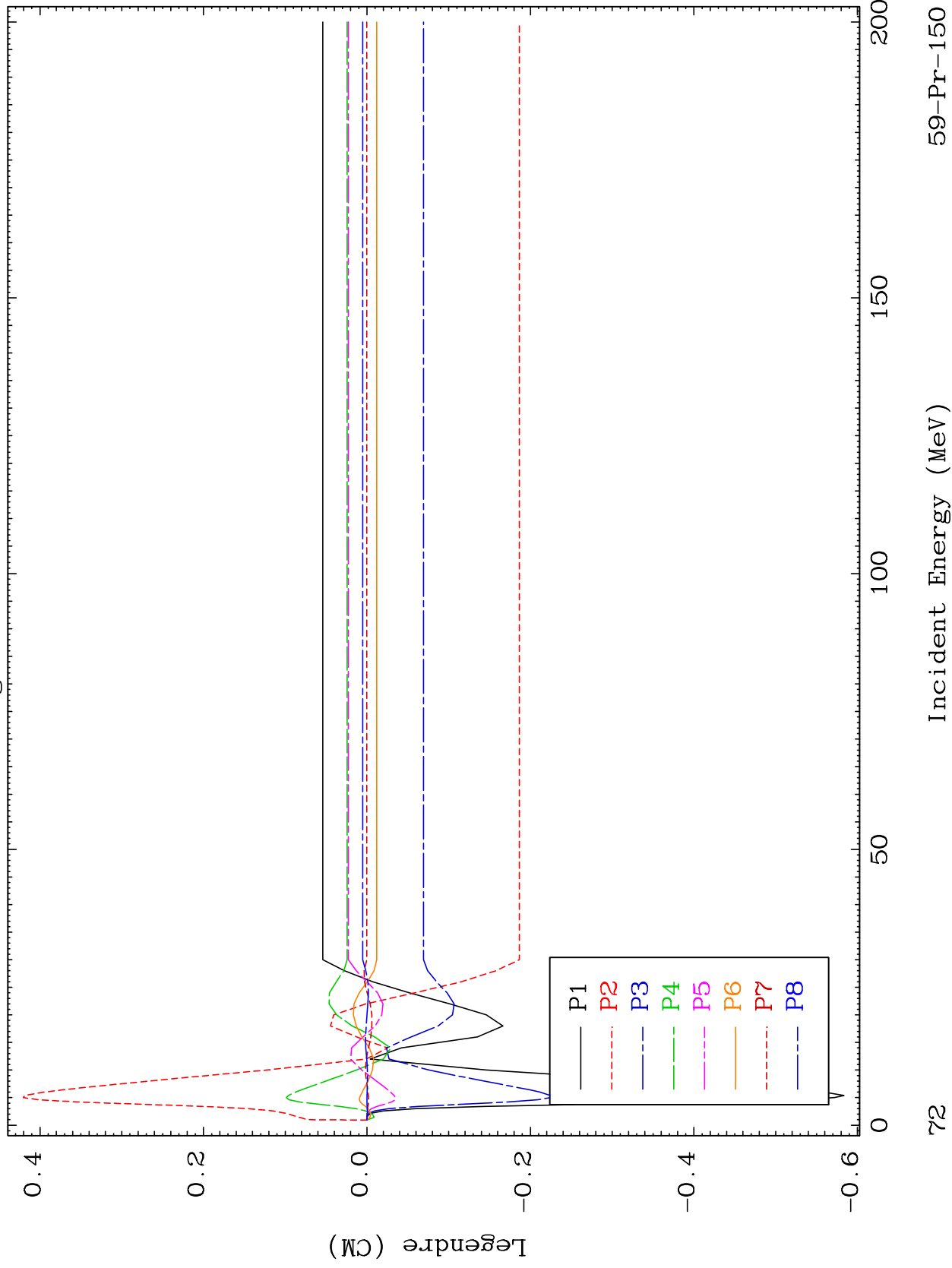
70



MAT 5952

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

59-Pr-150



72

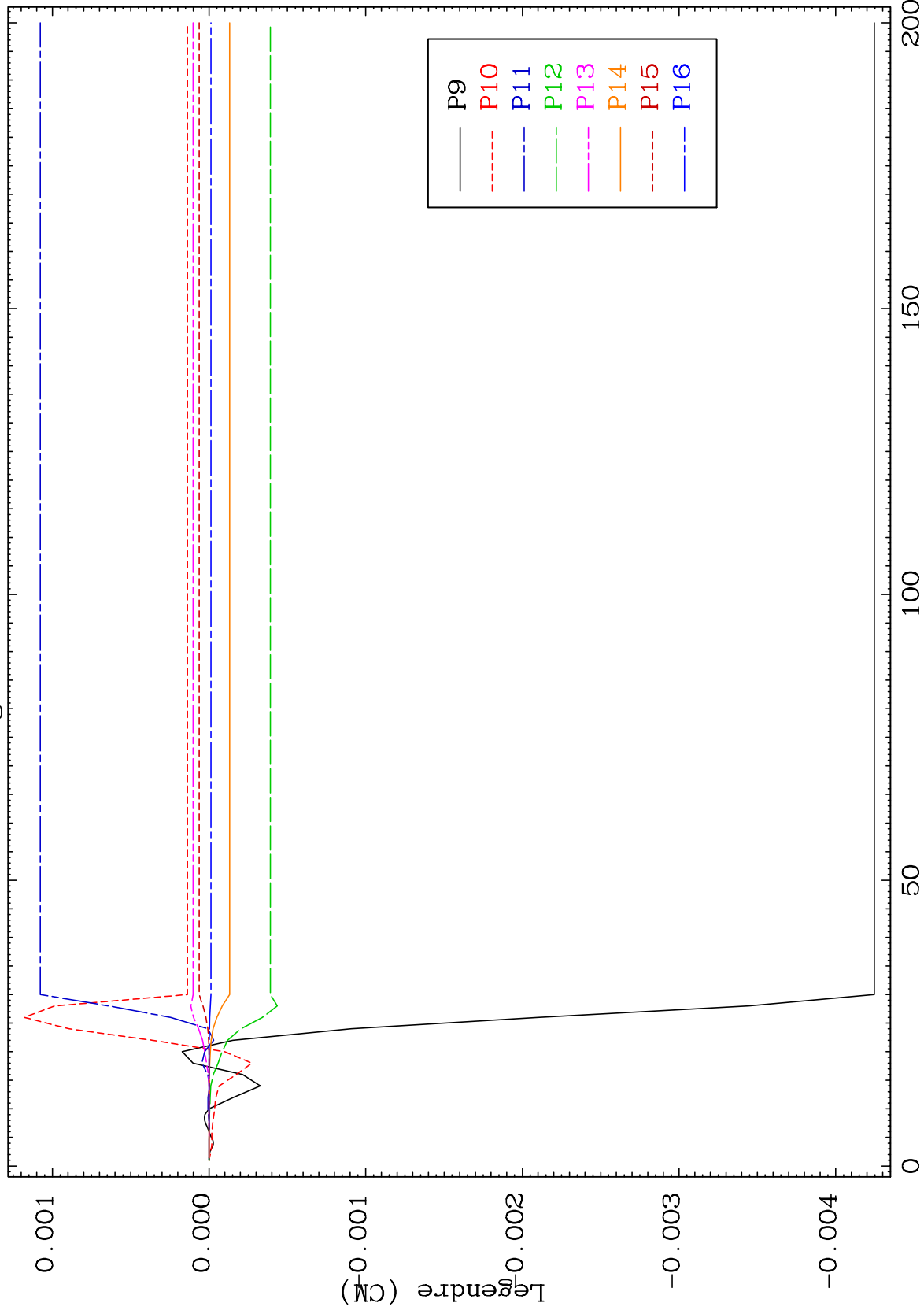
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



73

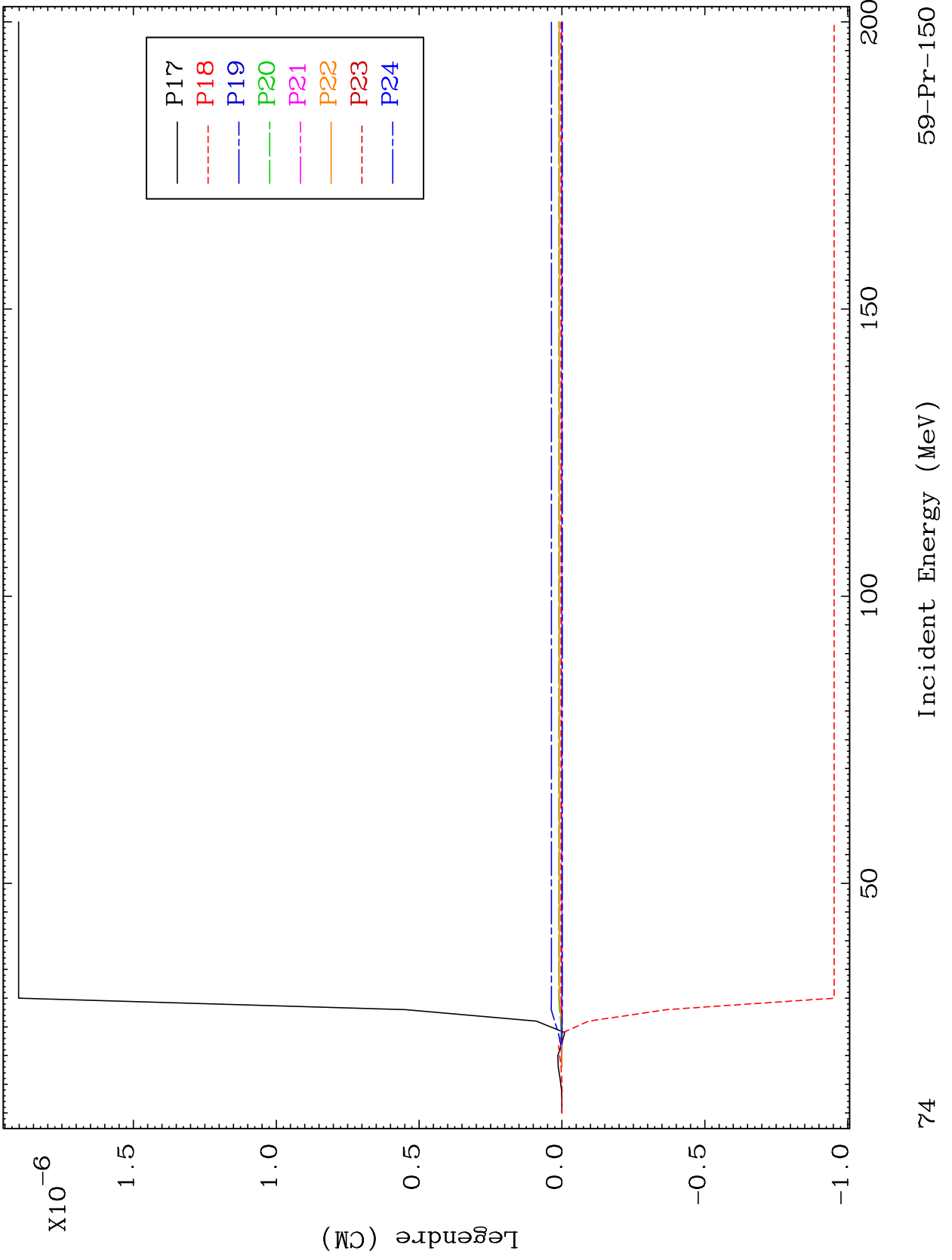
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



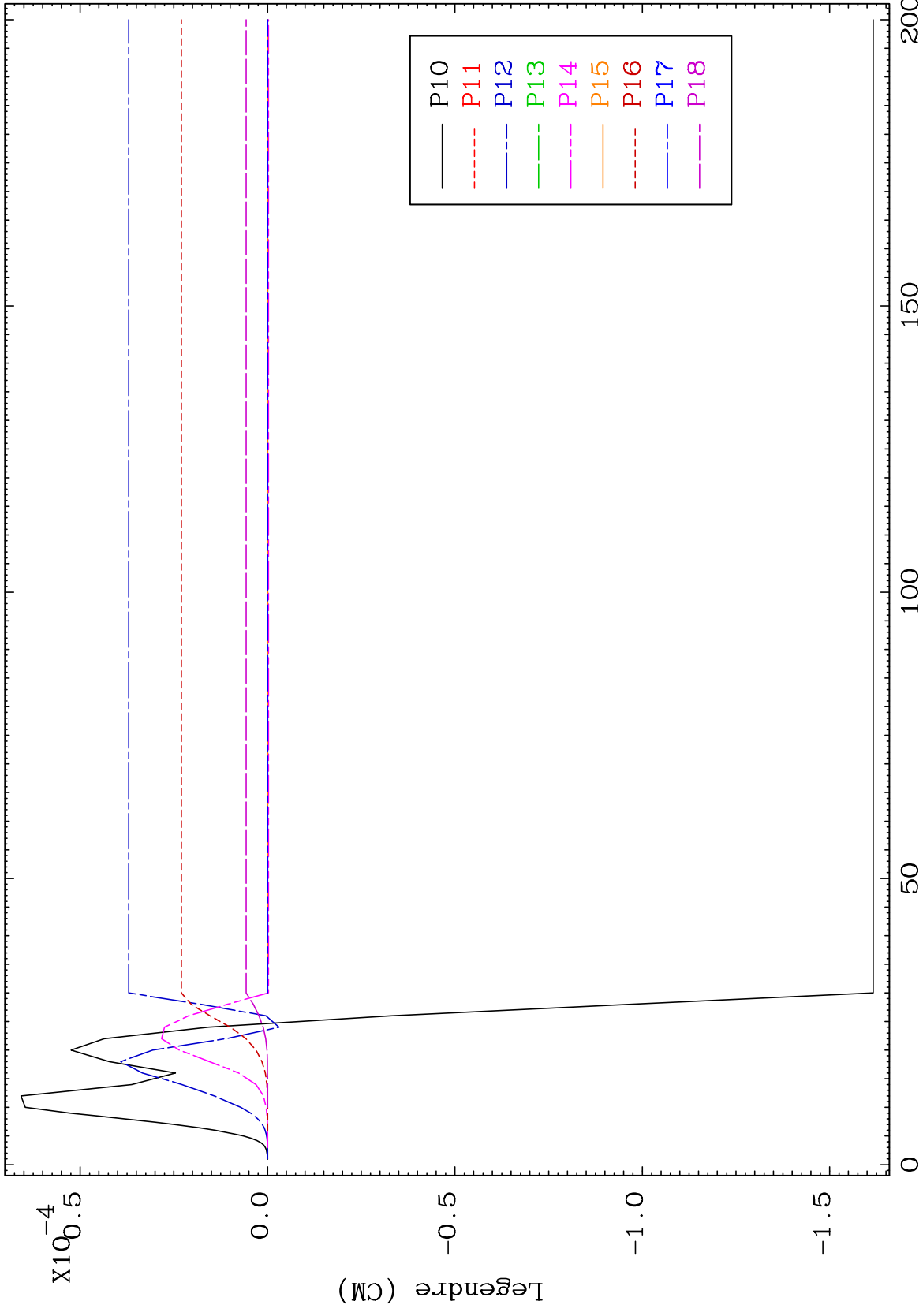
74

59-Pr-150

MAT 5952

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

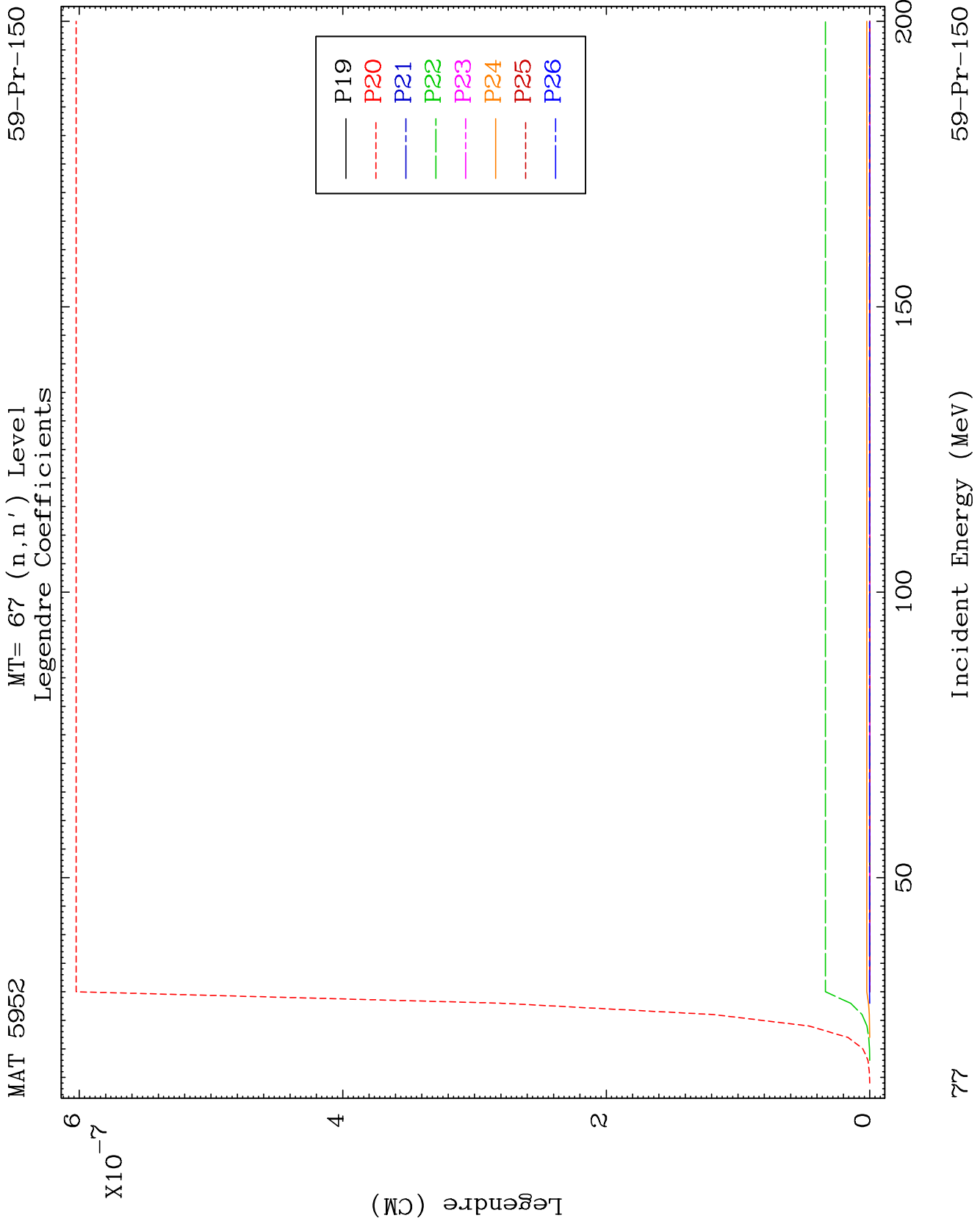
59-Pr-150

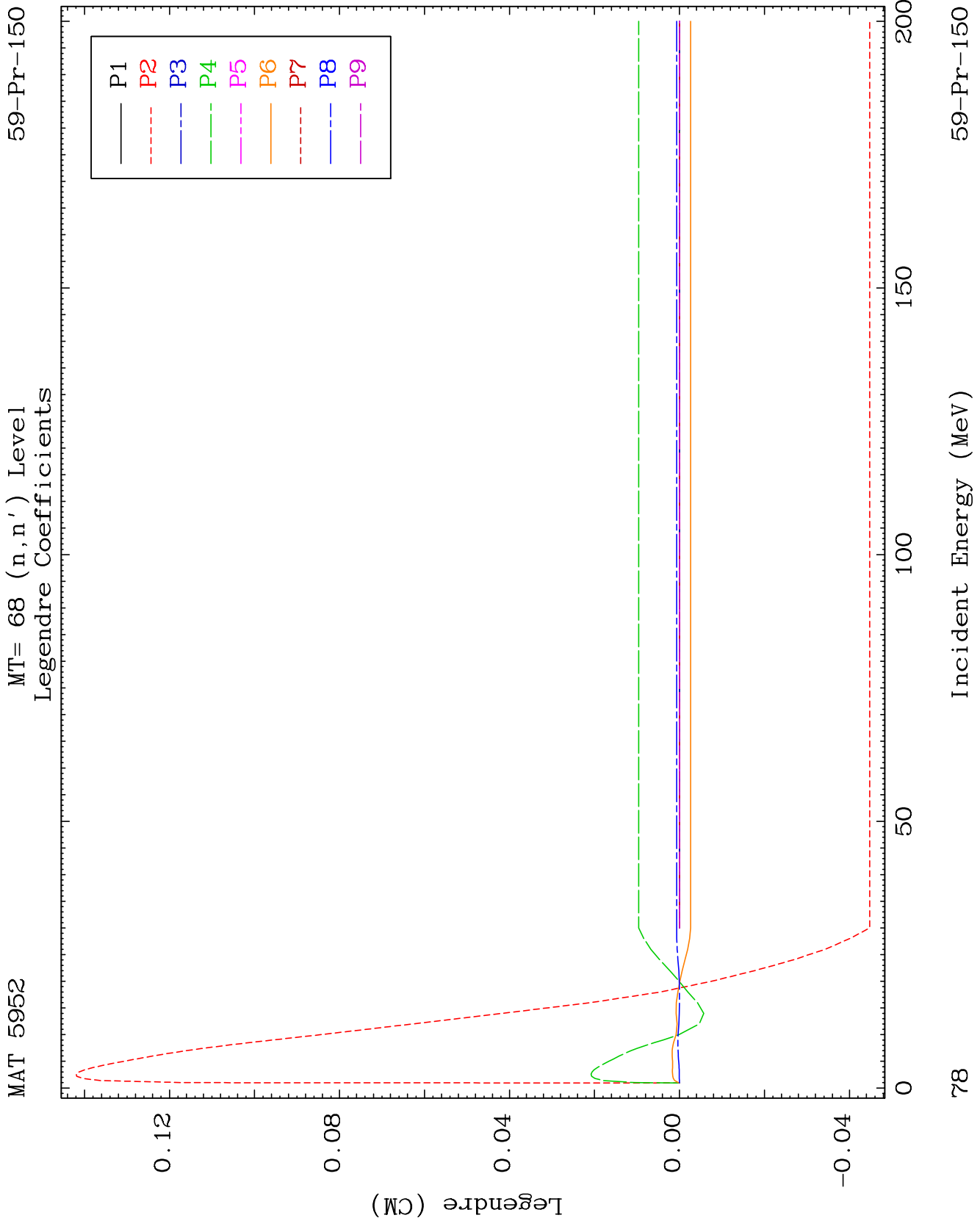


76

Incident Energy (MeV)

59-Pr-150

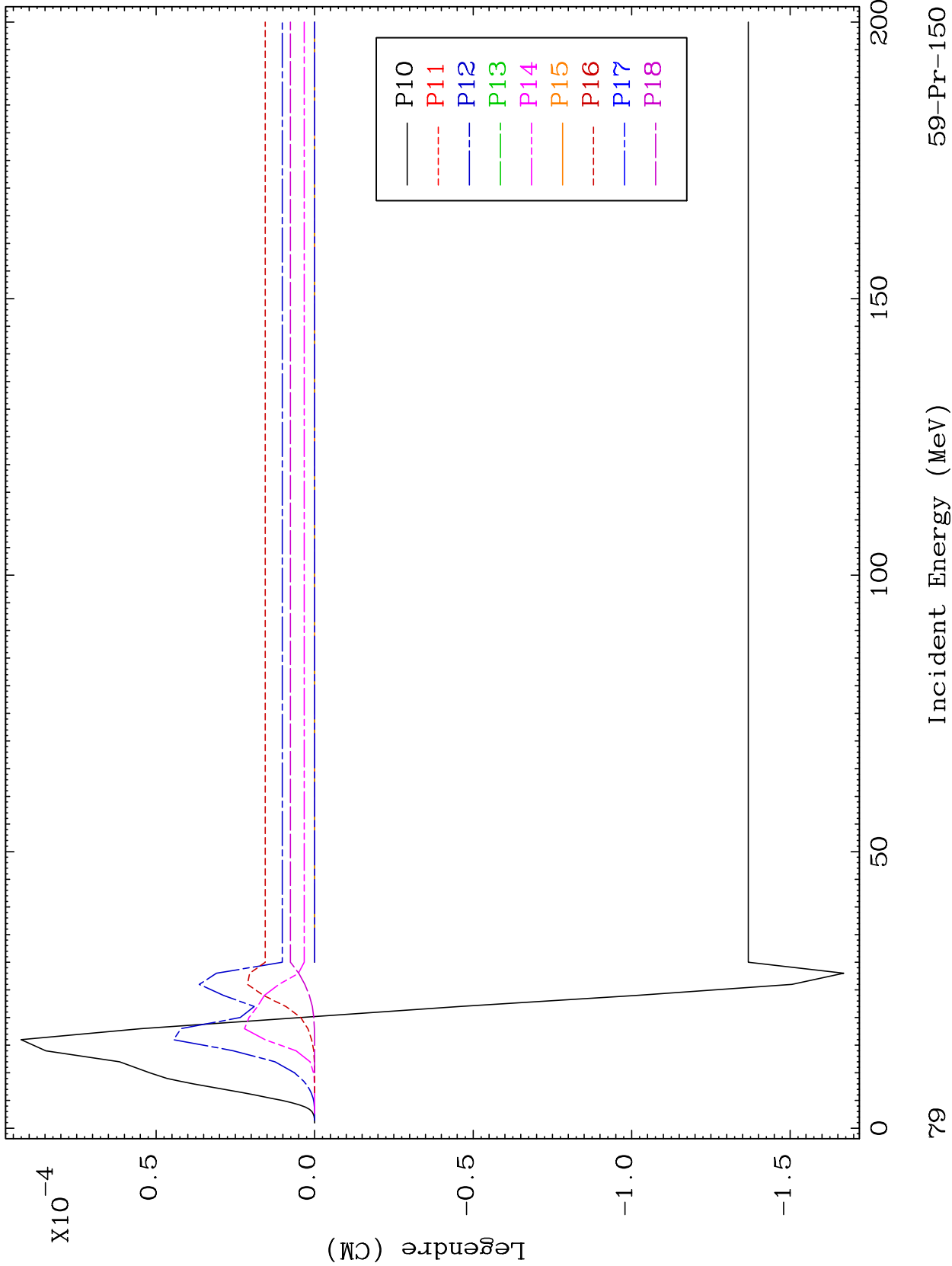




MAT 5952

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

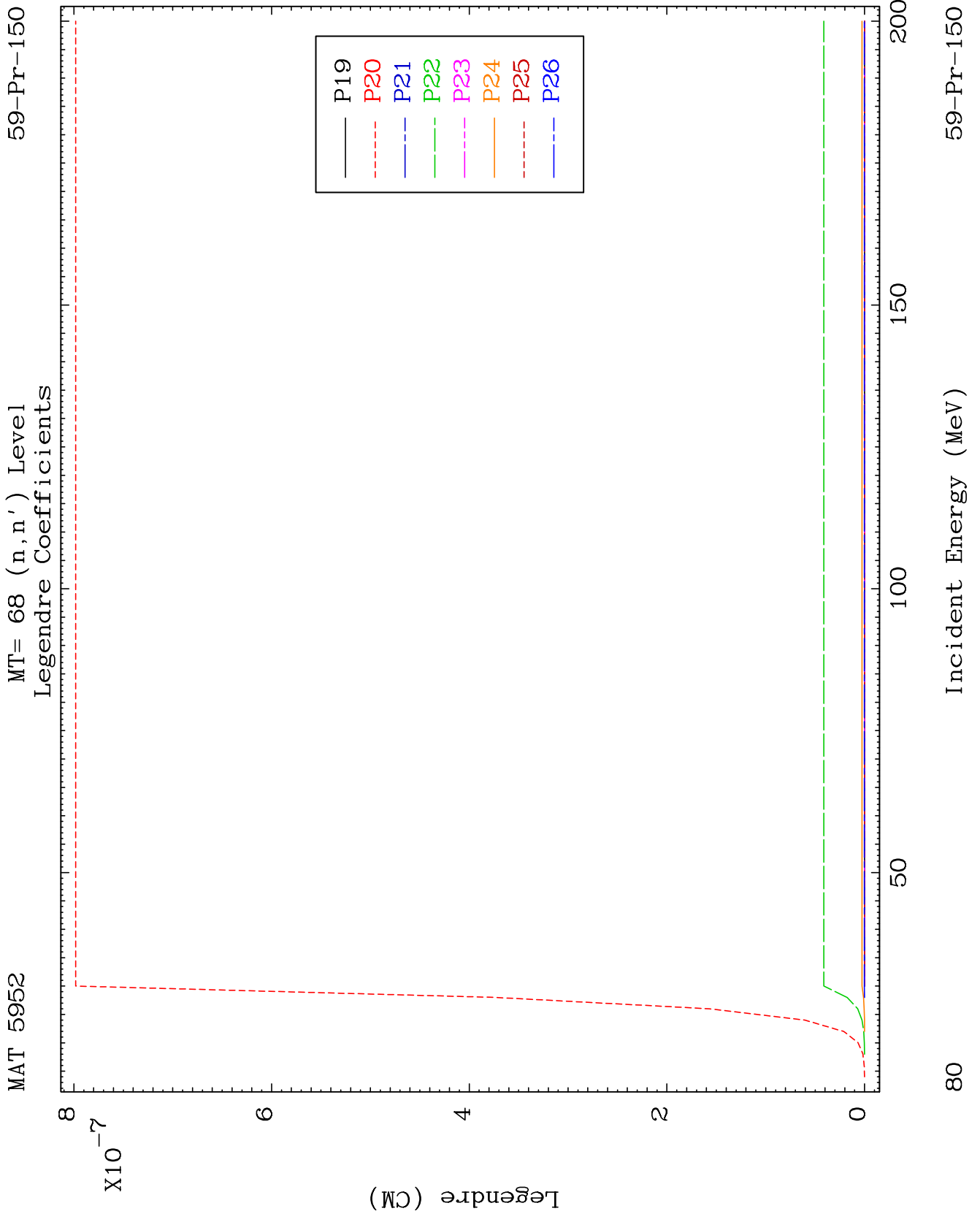
59-Pr-150



79

Incident Energy (MeV)

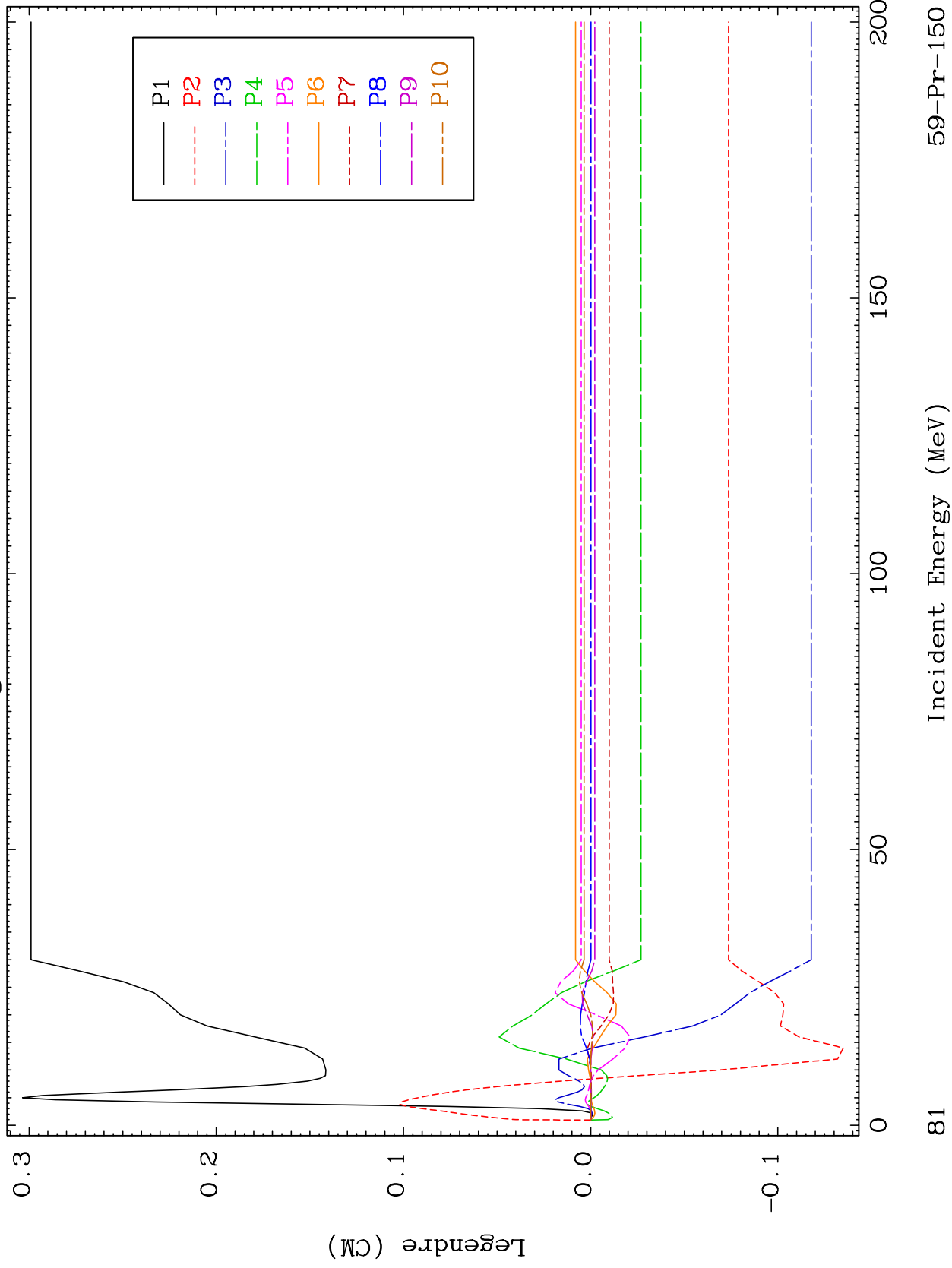
59-Pr-150



MAT 5952

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

59-Pr-150



81

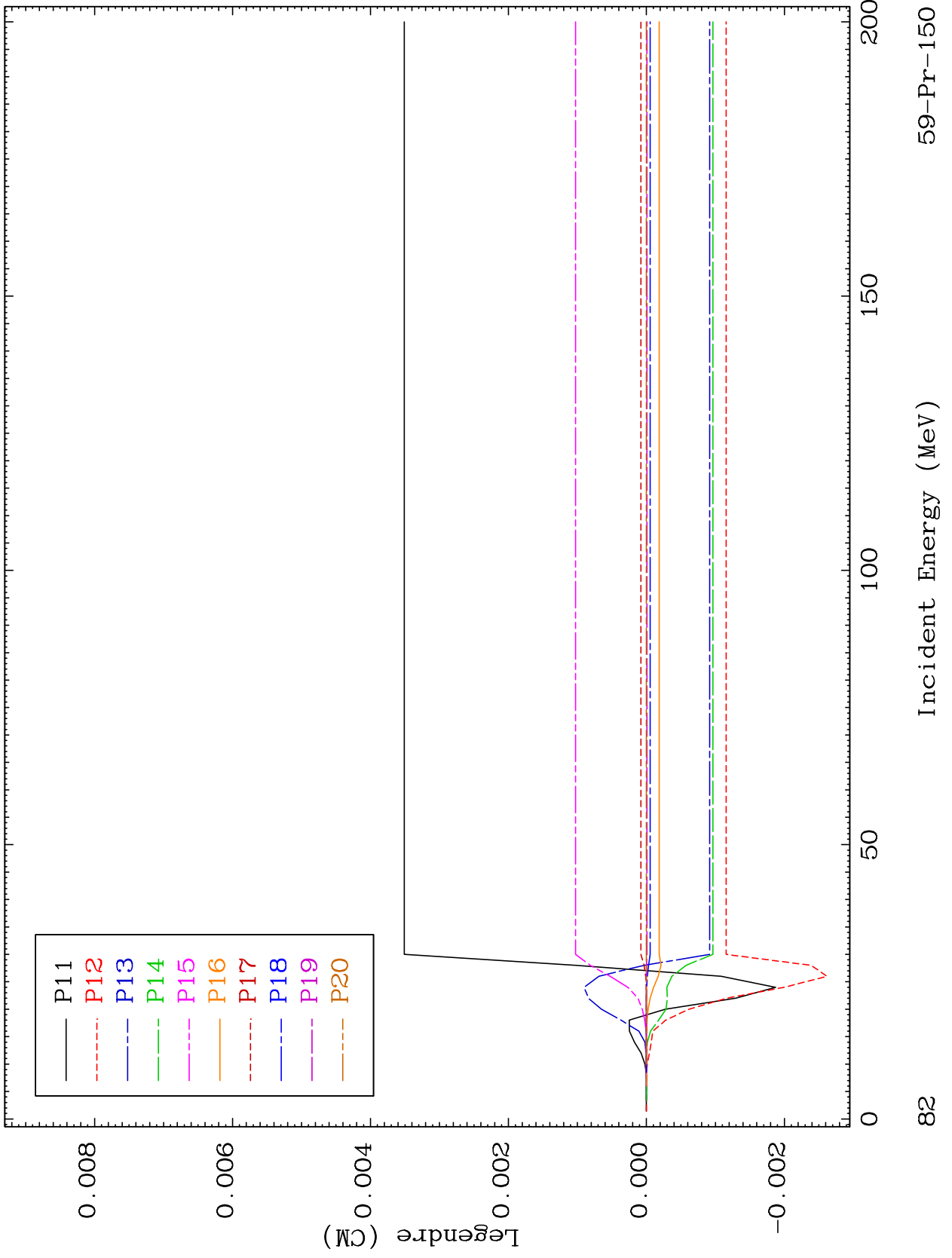
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



82

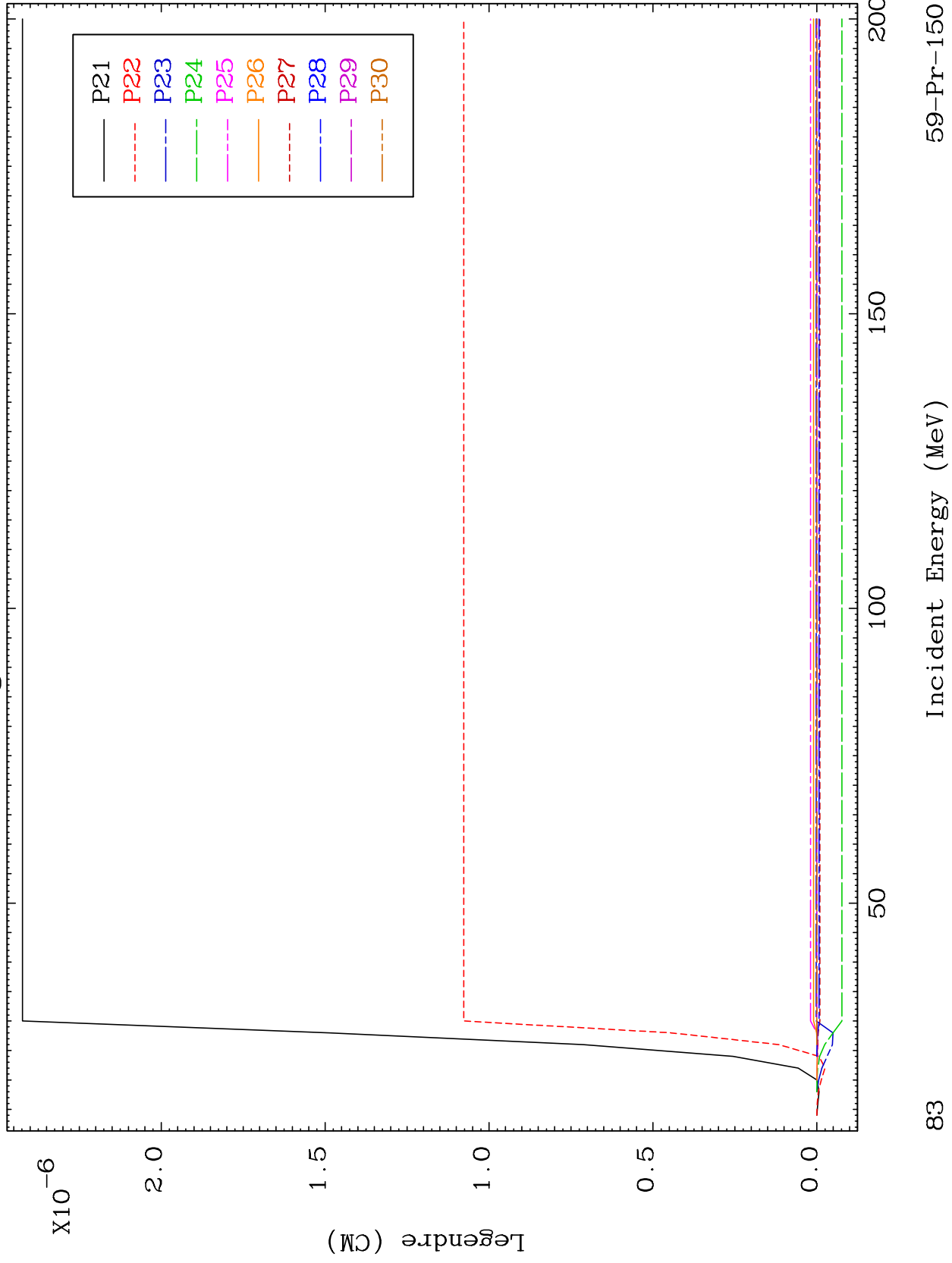
Incident Energy (MeV)

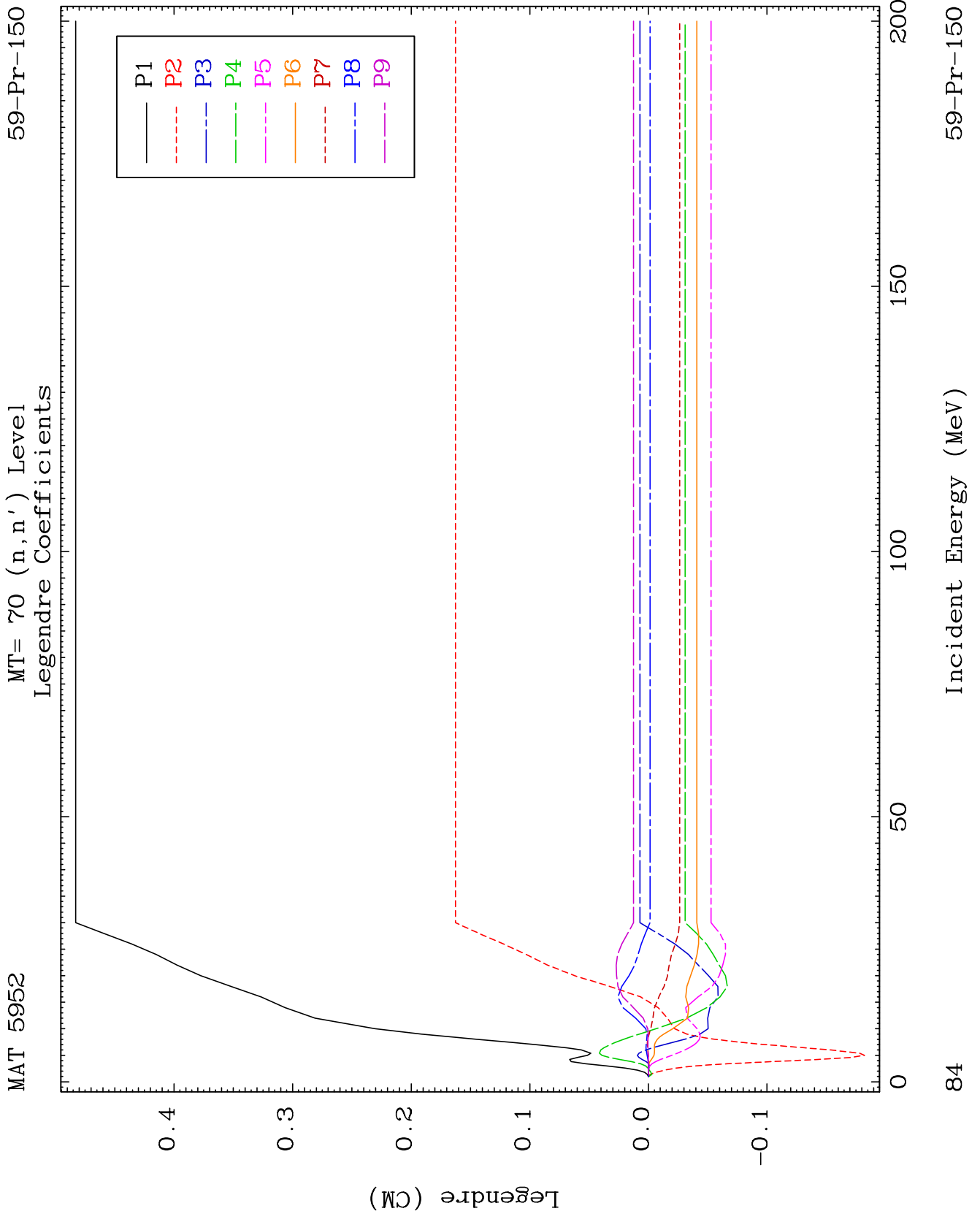
59-Pr-150

MAT 5952

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

59-Pr-150

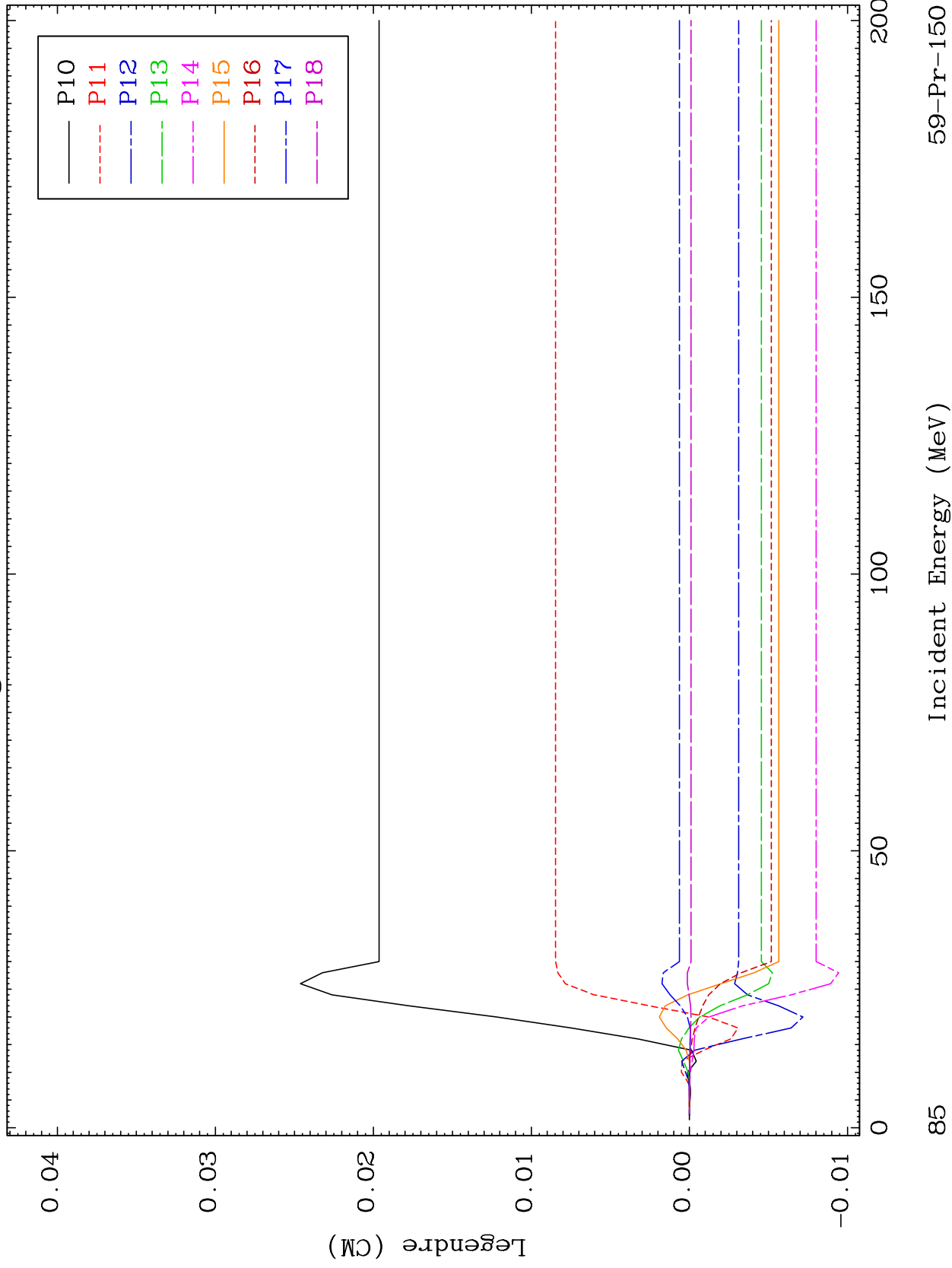




MAT 5952

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

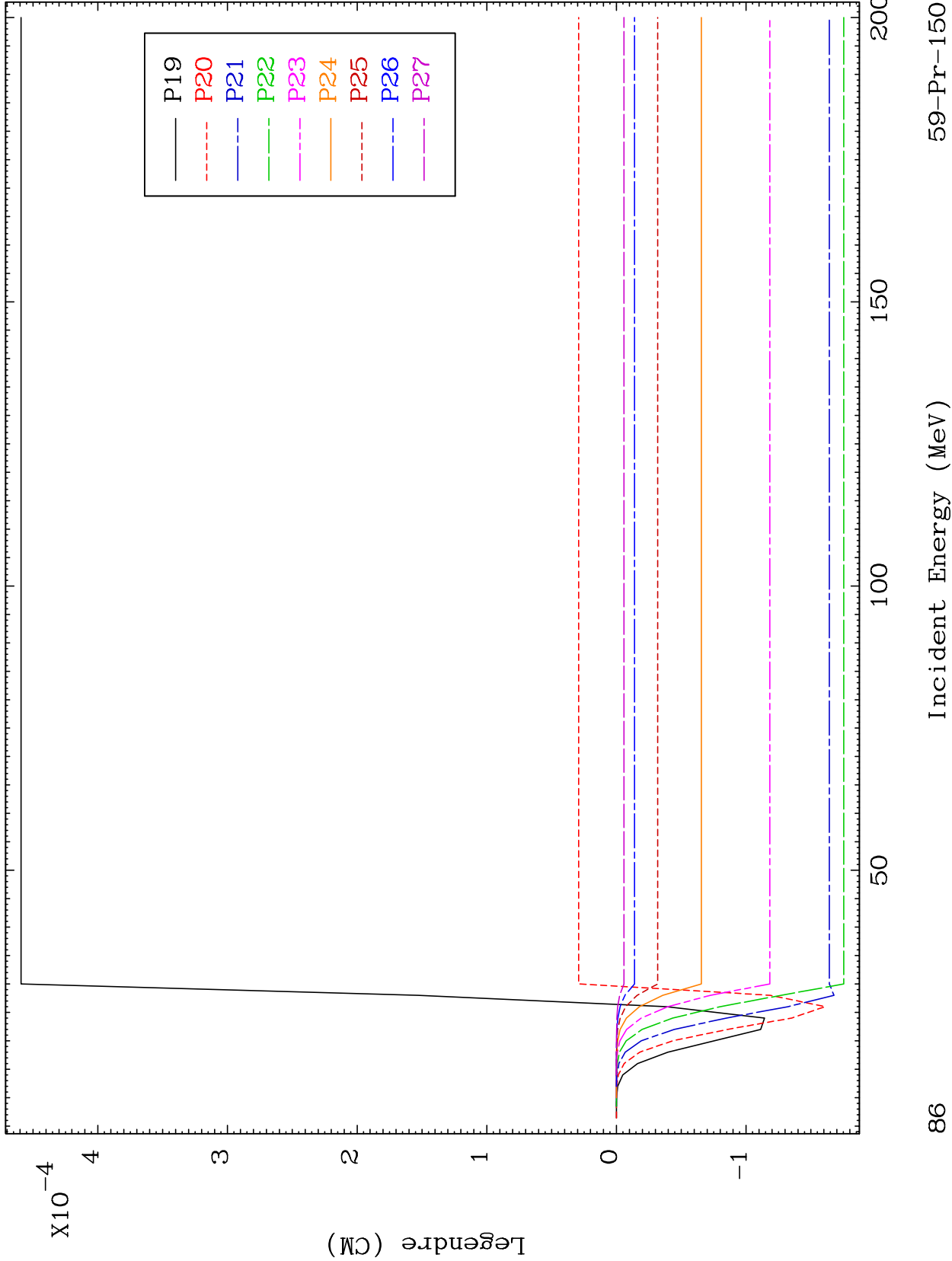
59-Pr-150

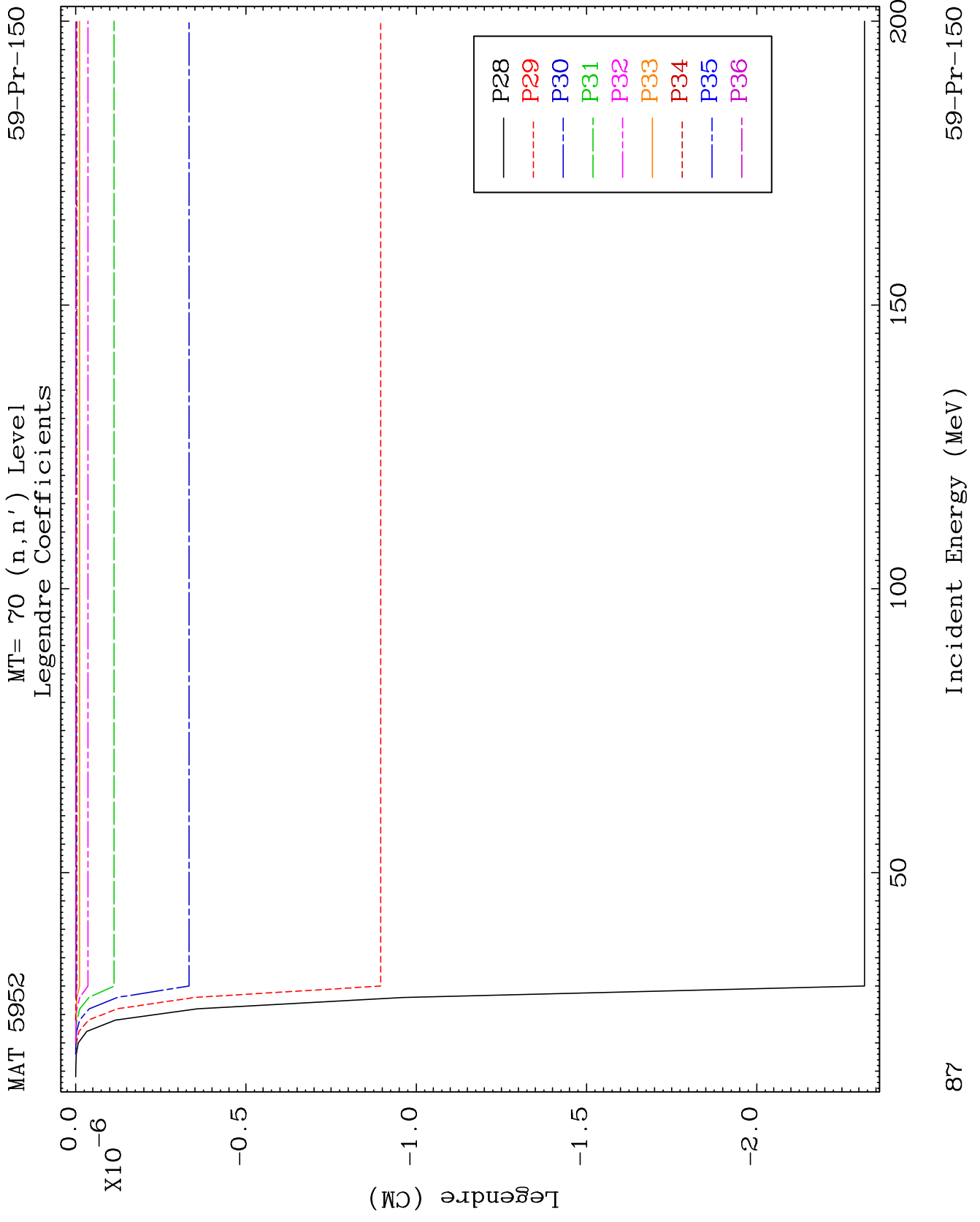


59-Pr-150

Incident Energy (MeV)

85

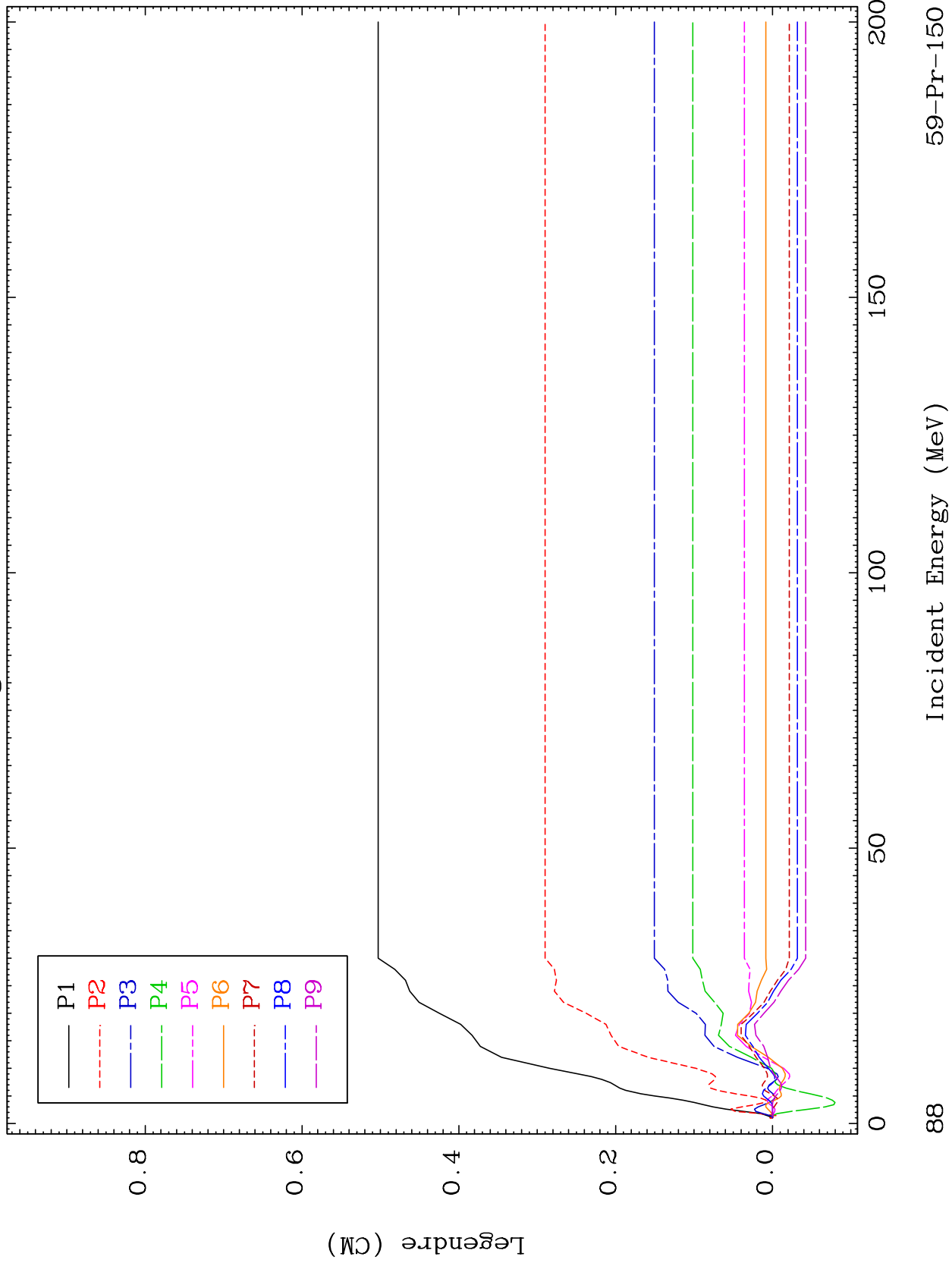




MAT 5952

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

59-Pr-150



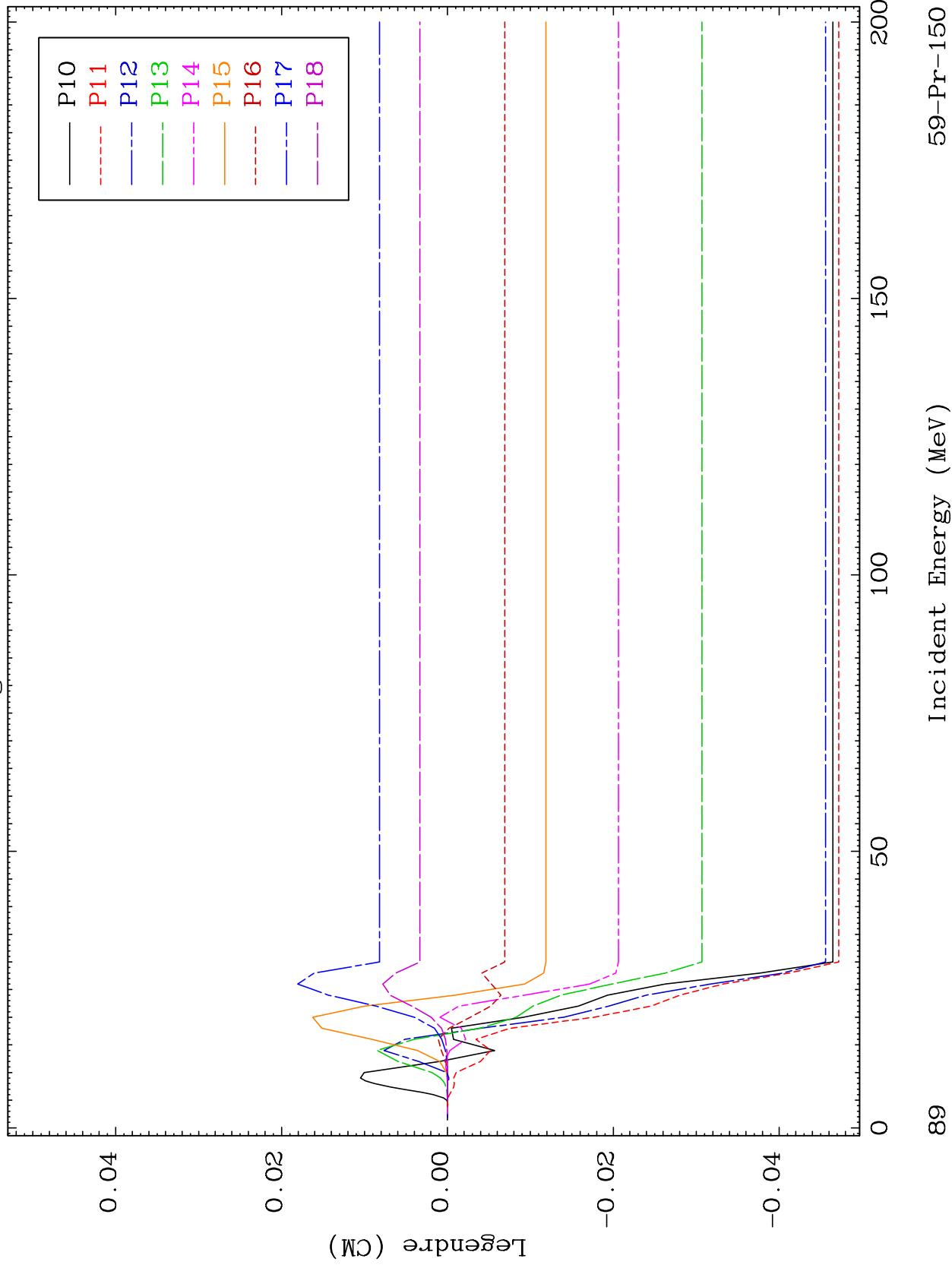
88

59-Pr-150

MAT 5952

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

59-Pr-150



59-Pr-150

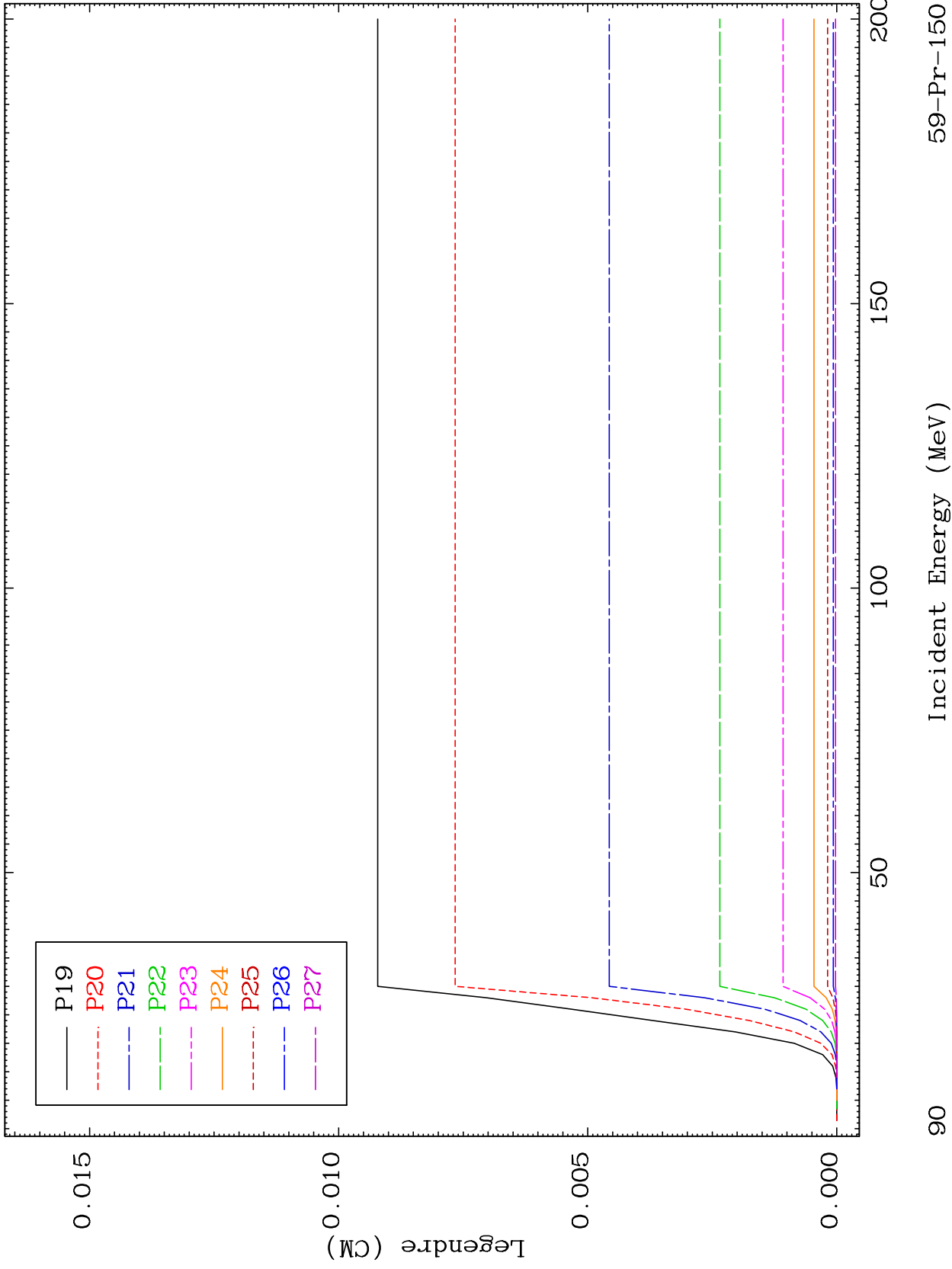
Incident Energy (MeV)

89

MAT 5952

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

59-Pr-150



90

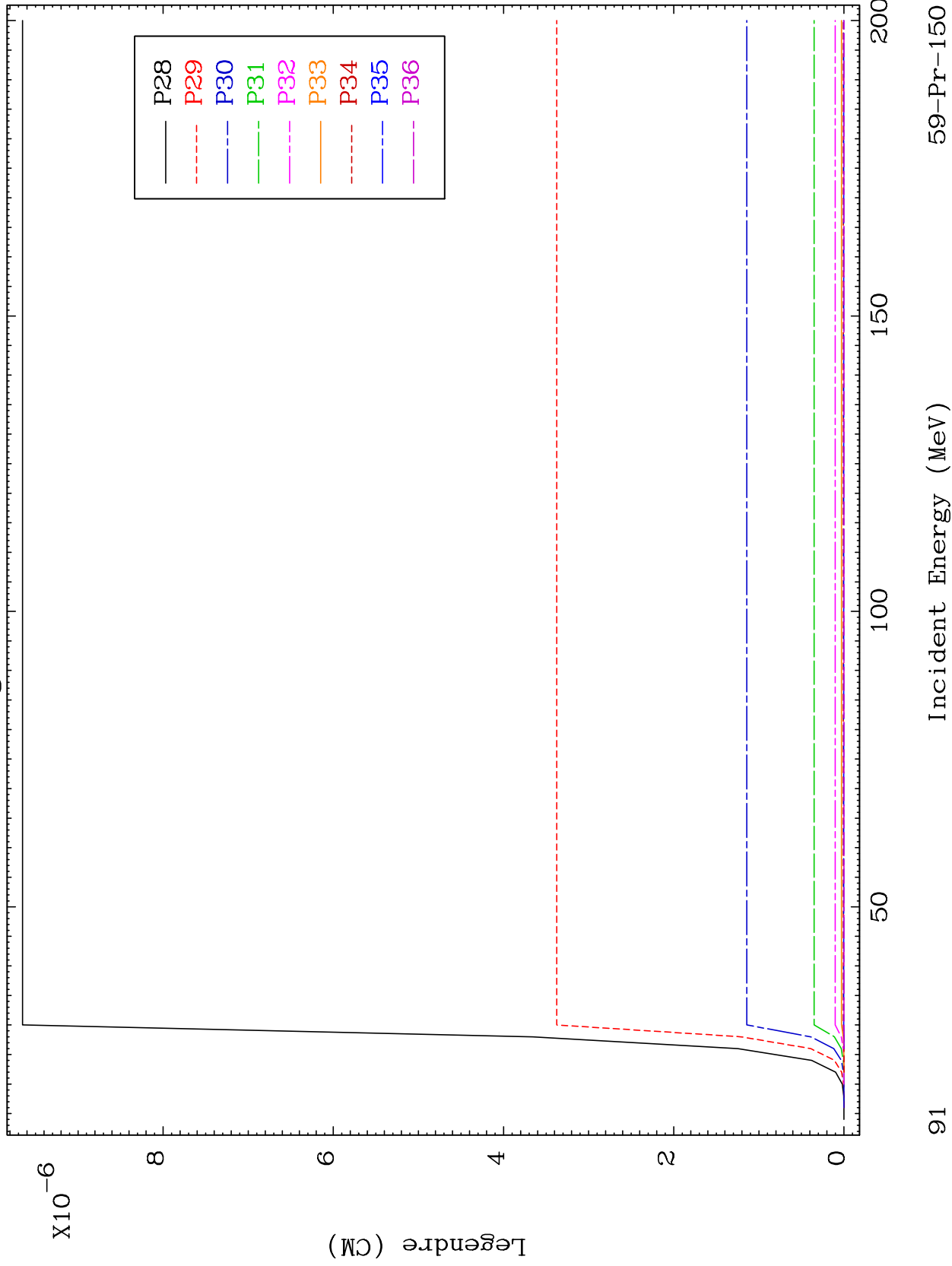
Incident Energy (MeV)

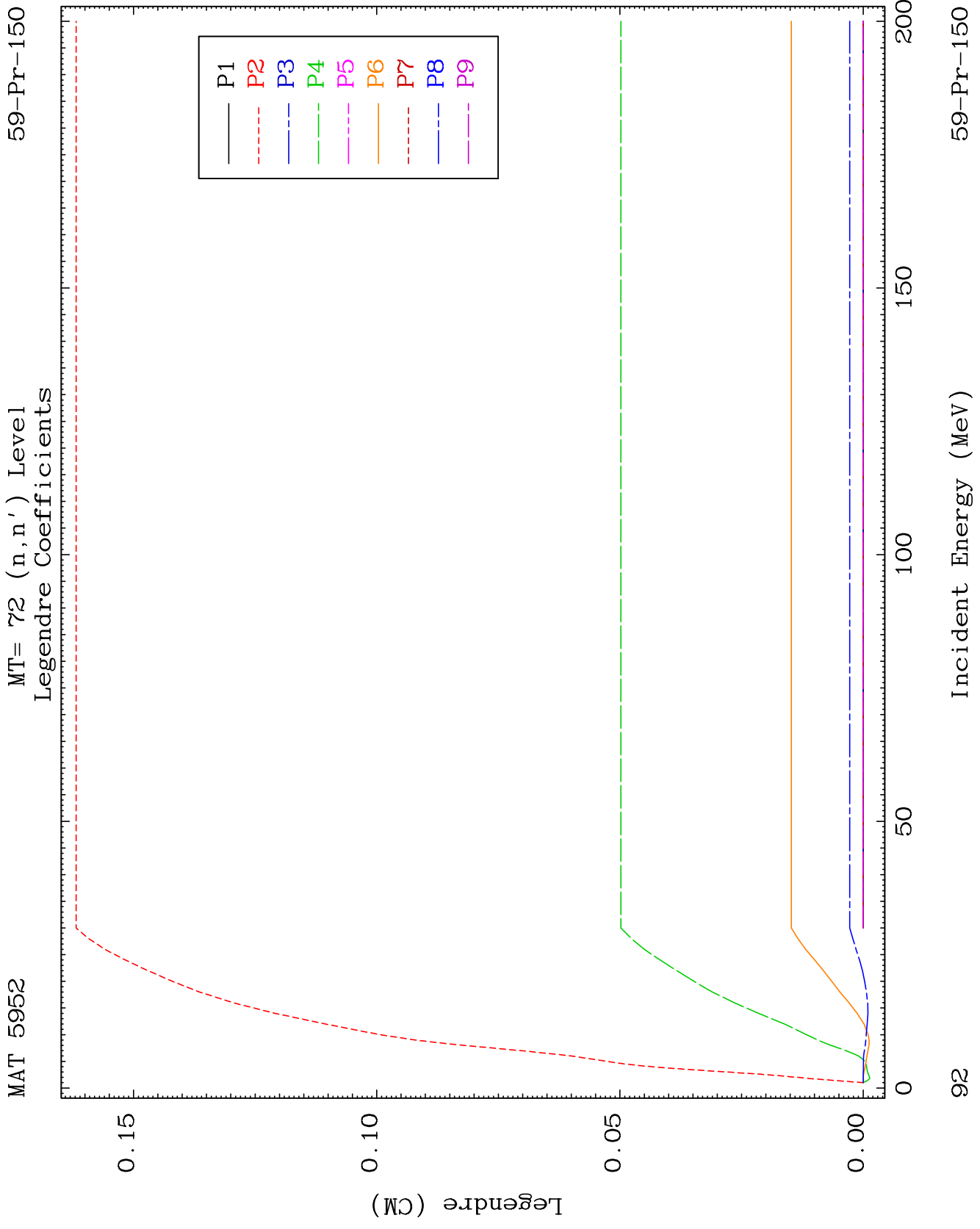
59-Pr-150

MAT 5952

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

59-Pr-150

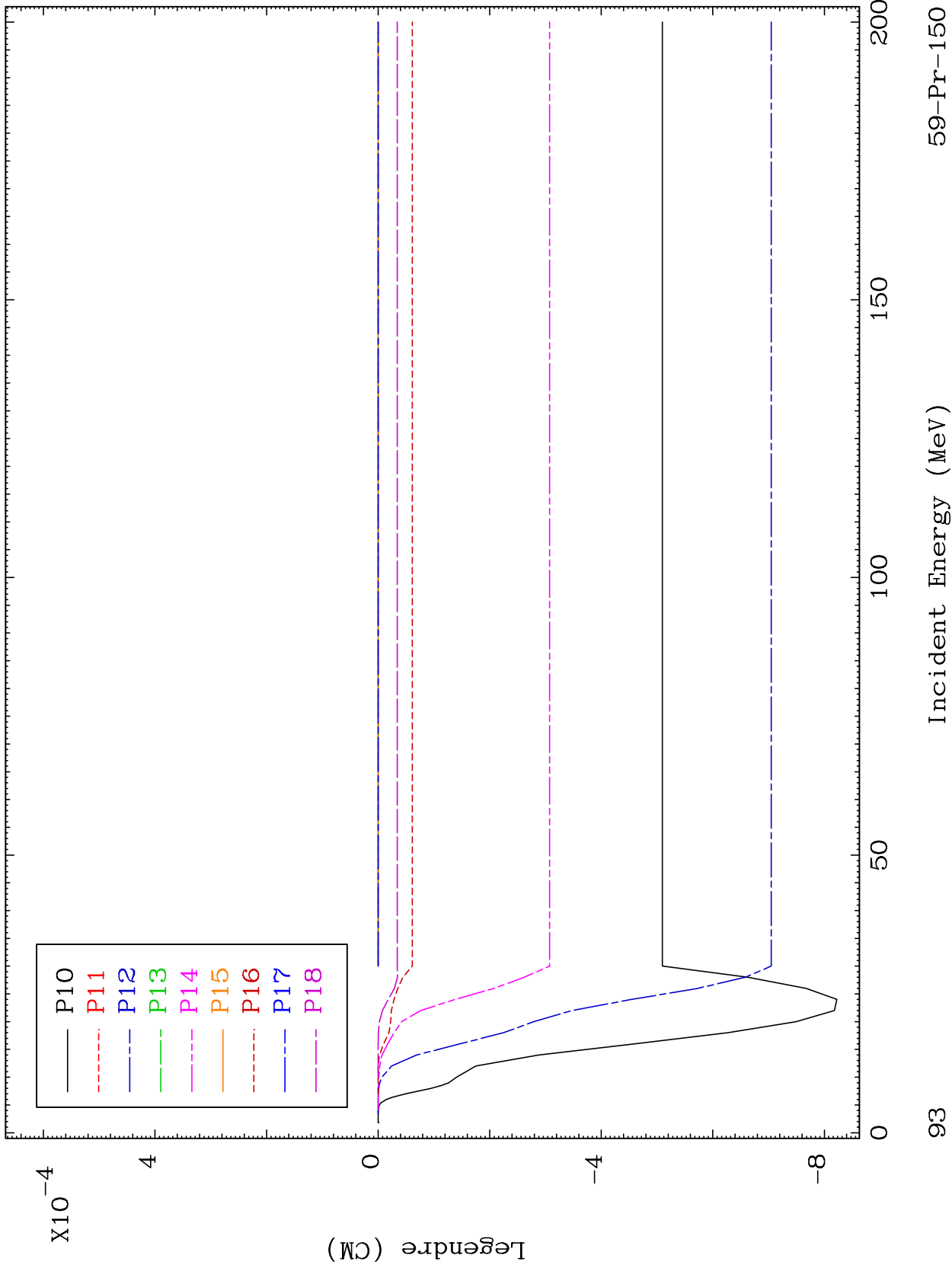




MAT 5952

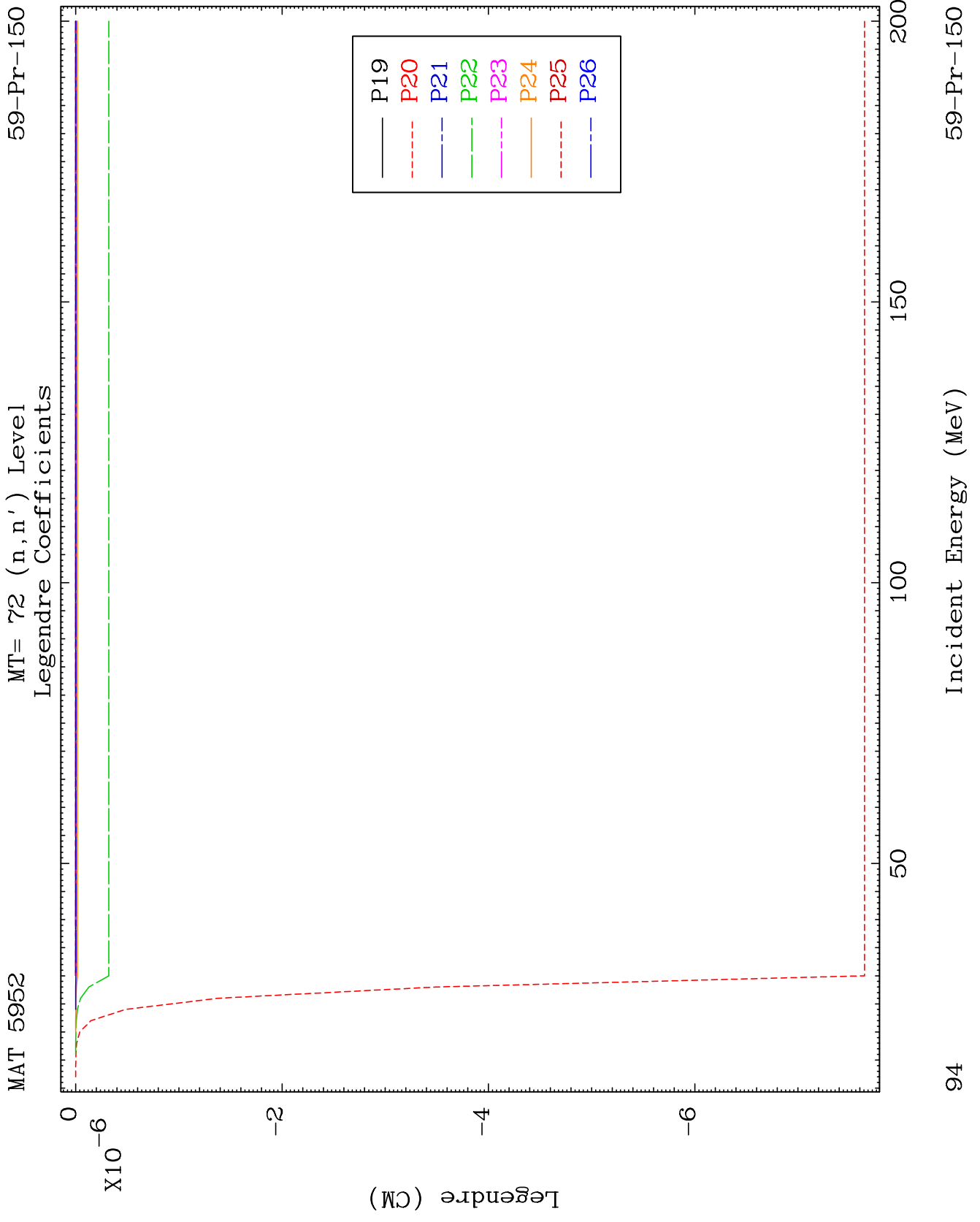
MT= 72 (n,n') Level
Legendre Coefficients

59-Pr-150



93

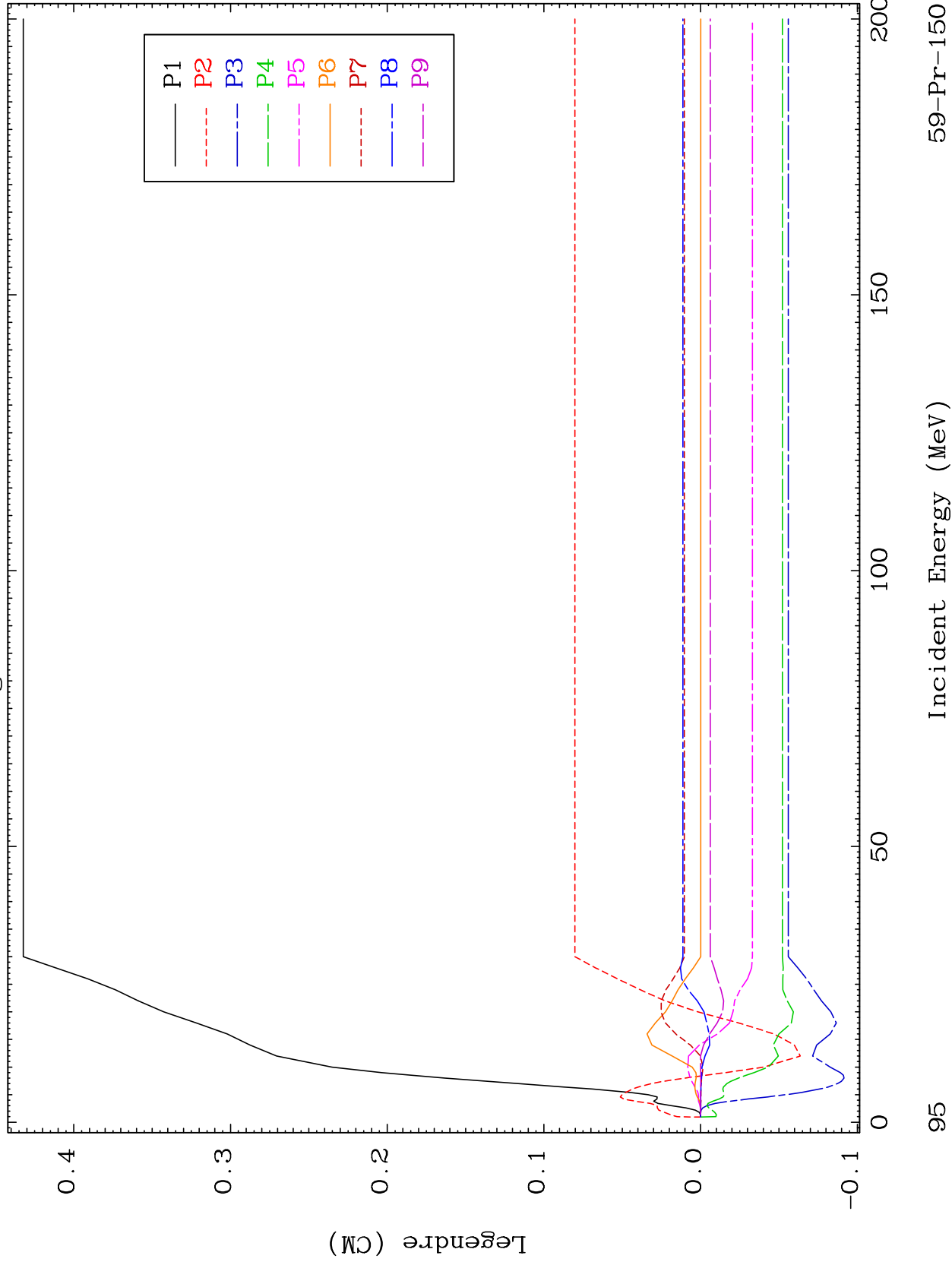
59-Pr-150



MAT 5952

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

59-Pr-150



59-Pr-150

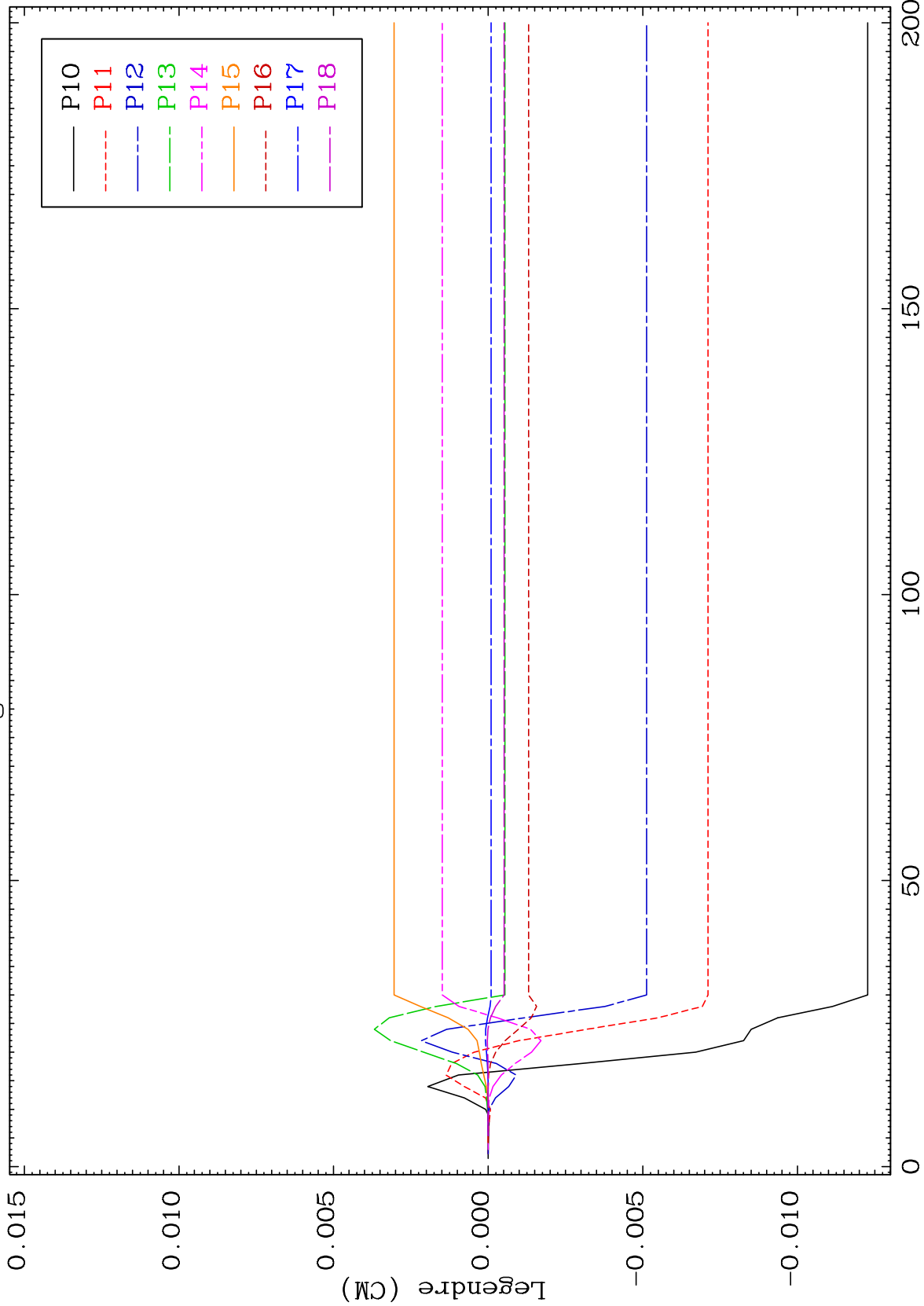
Incident Energy (MeV)

95

MAT 5952

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

59-Pr-150



96

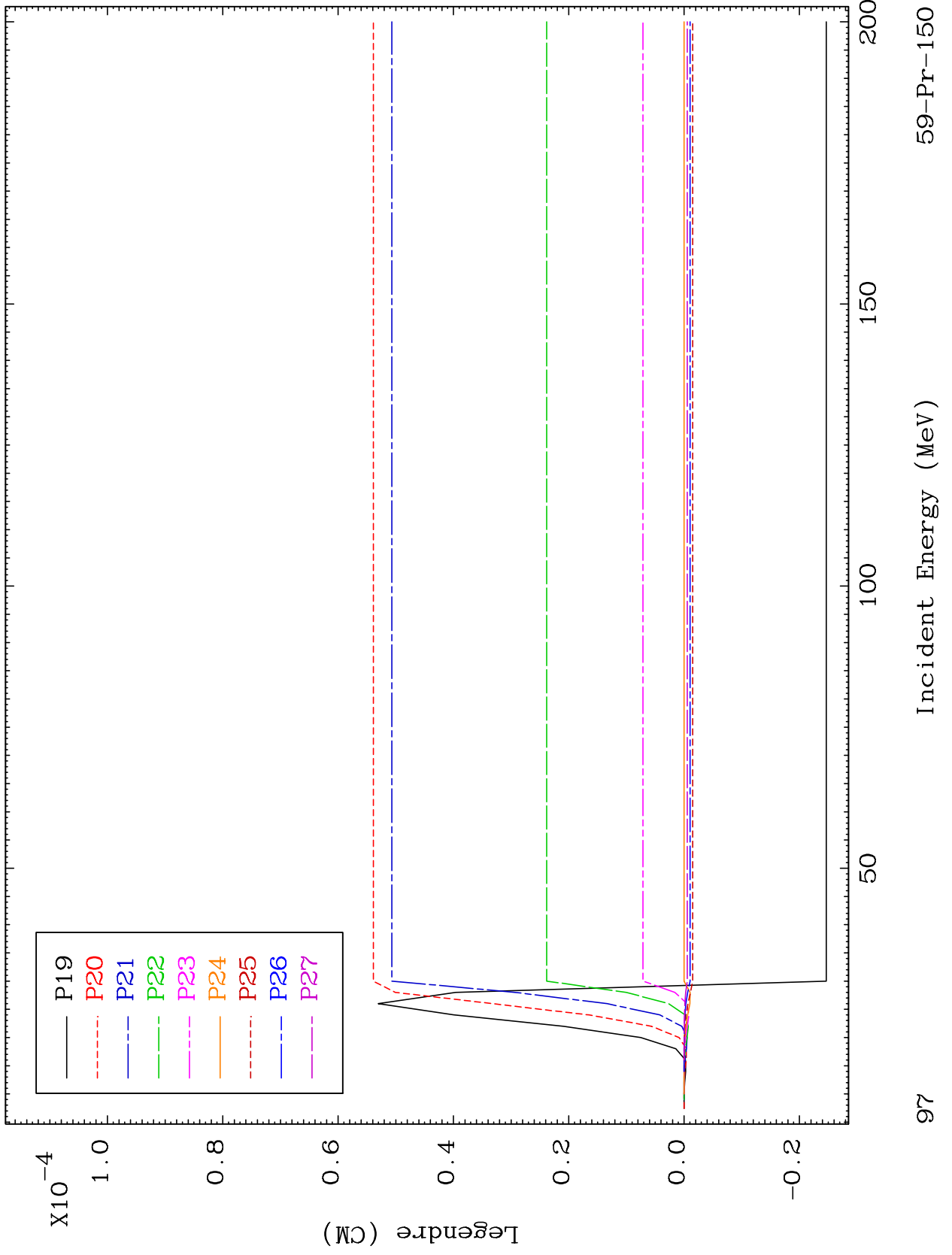
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150

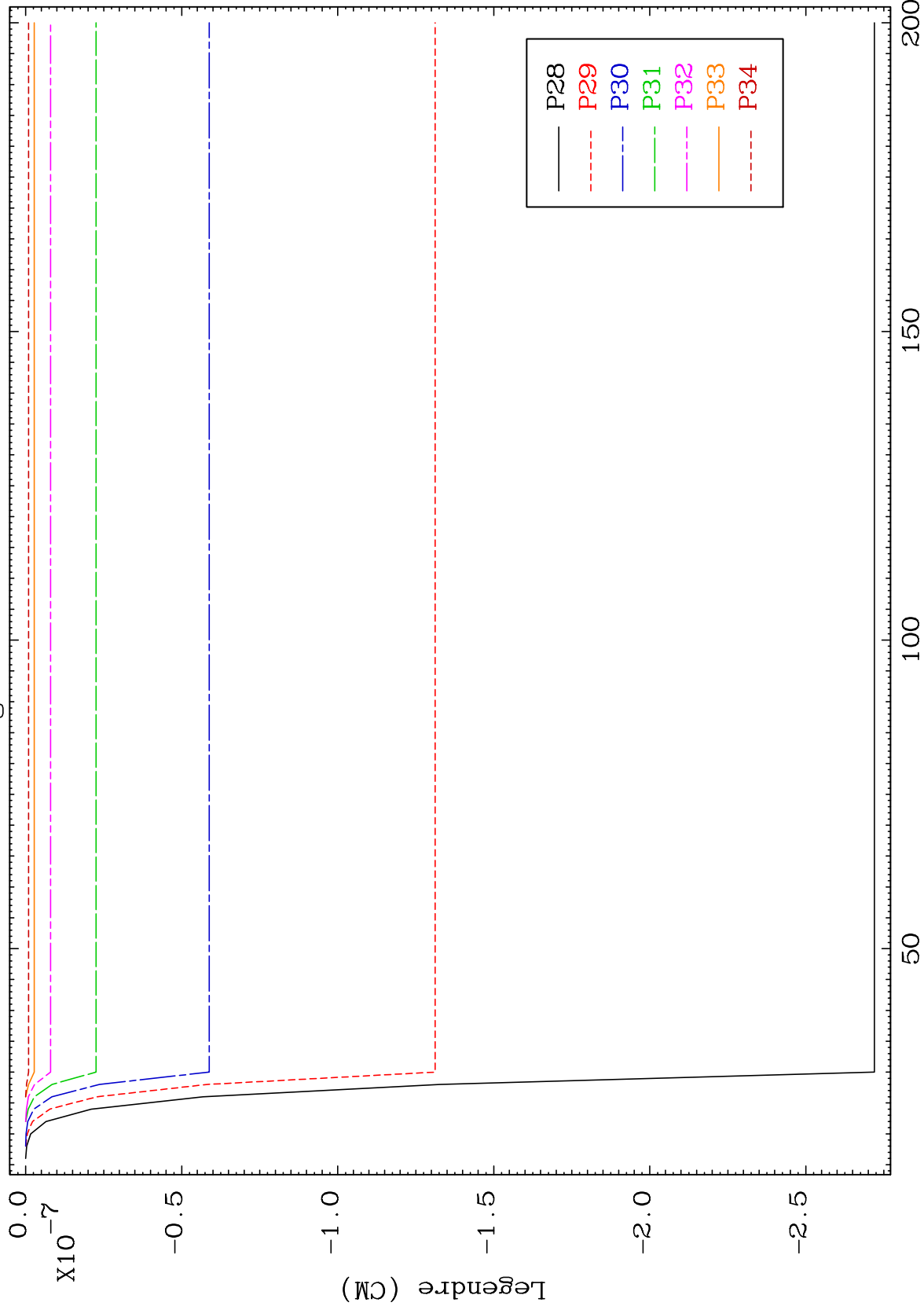


MAT 5952

MT= 73 (n,n') Level

59-Pr-150

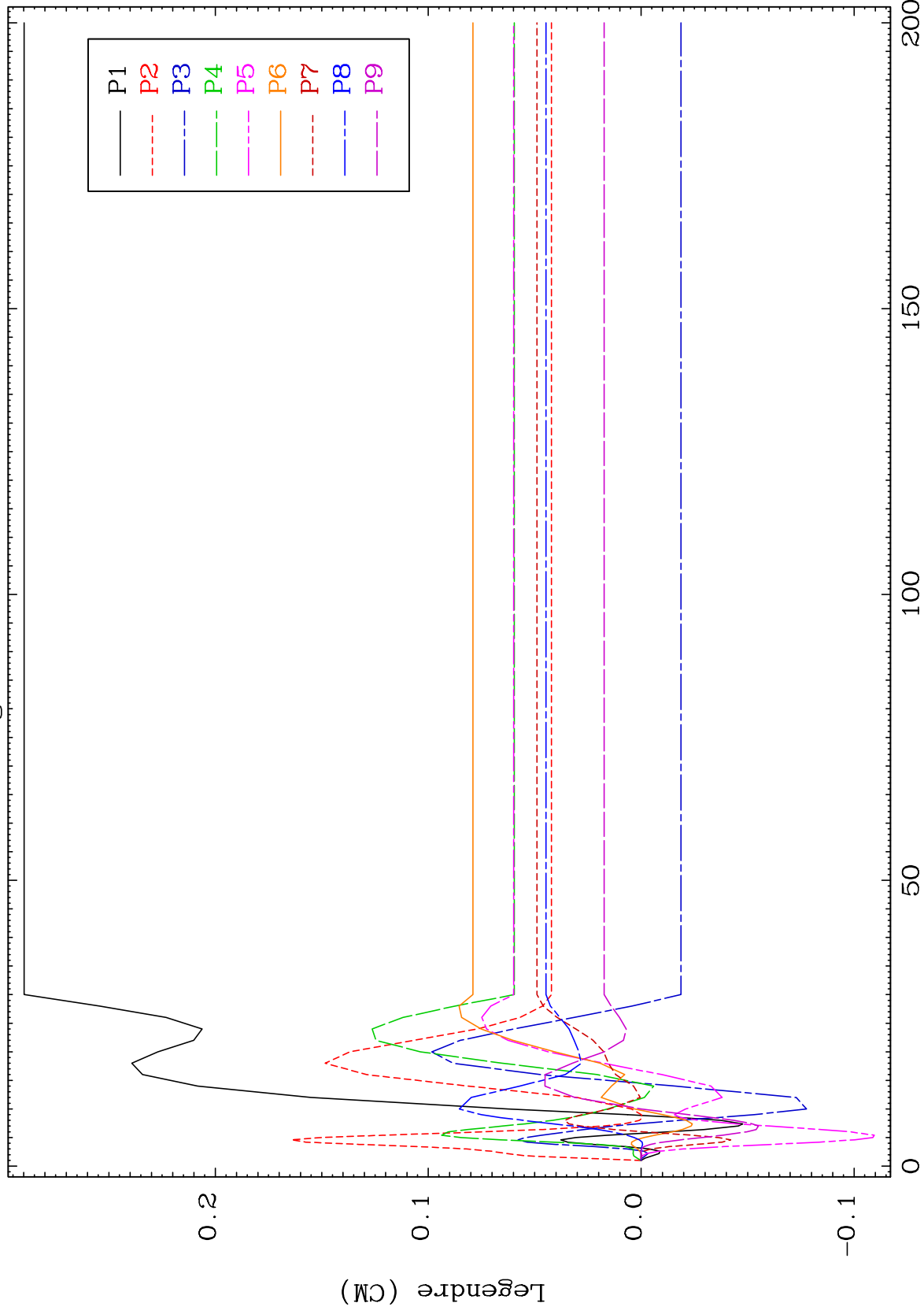
Legendre Coefficients



MAT 5952

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

59-Pr-150



99

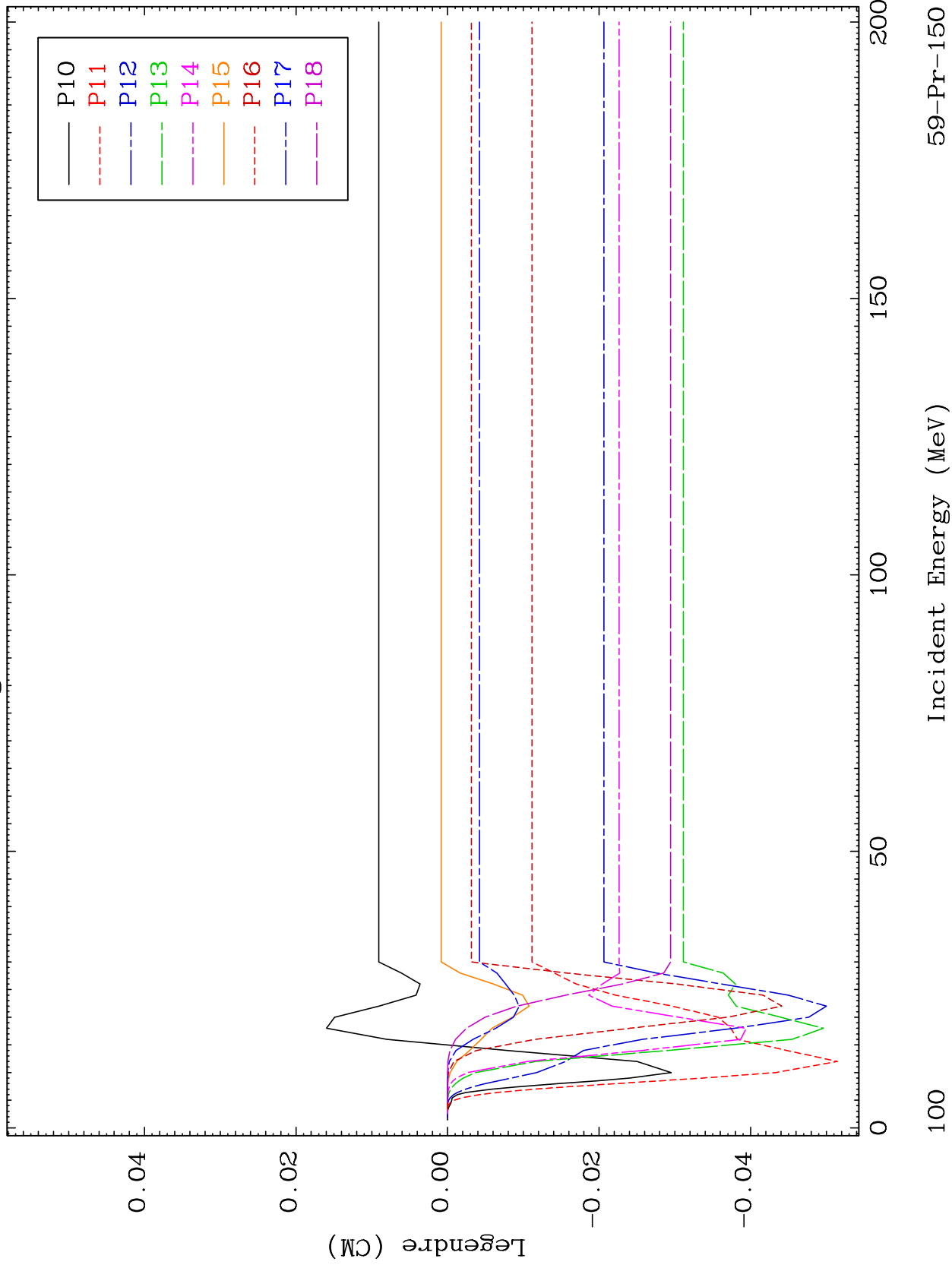
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

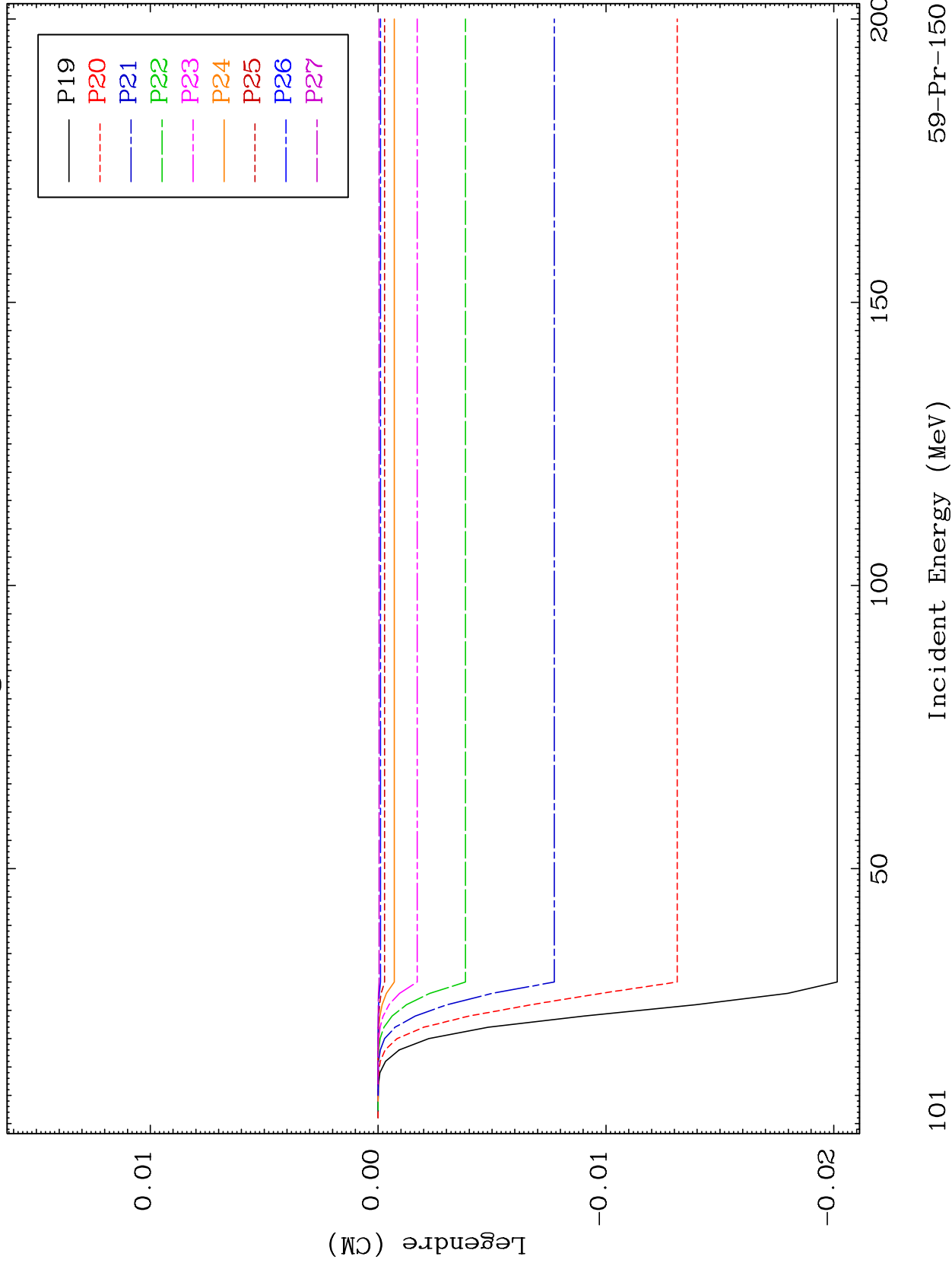
59-Pr-150



MAT 5952

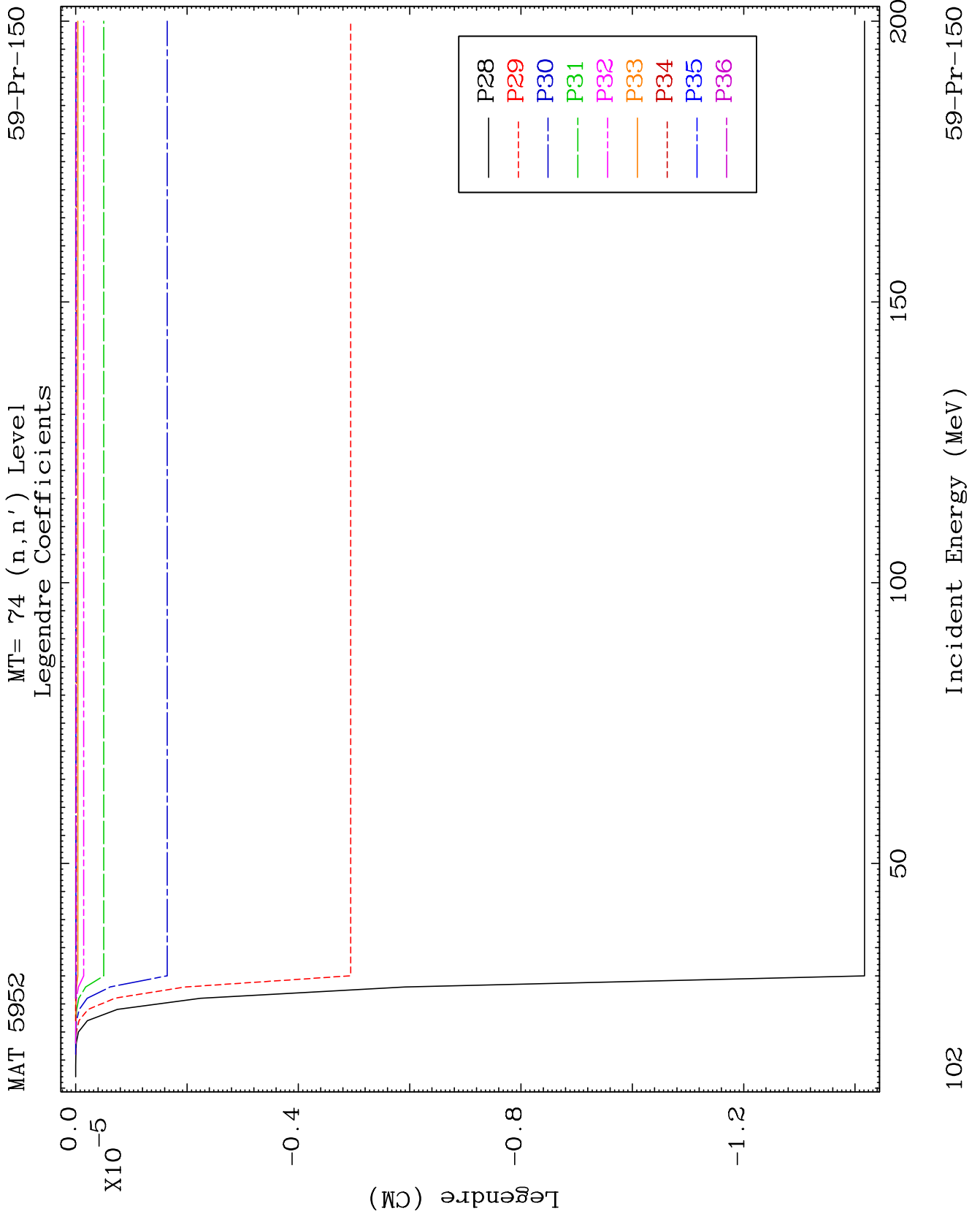
MT= 74 (n,n') Level
Legendre Coefficients

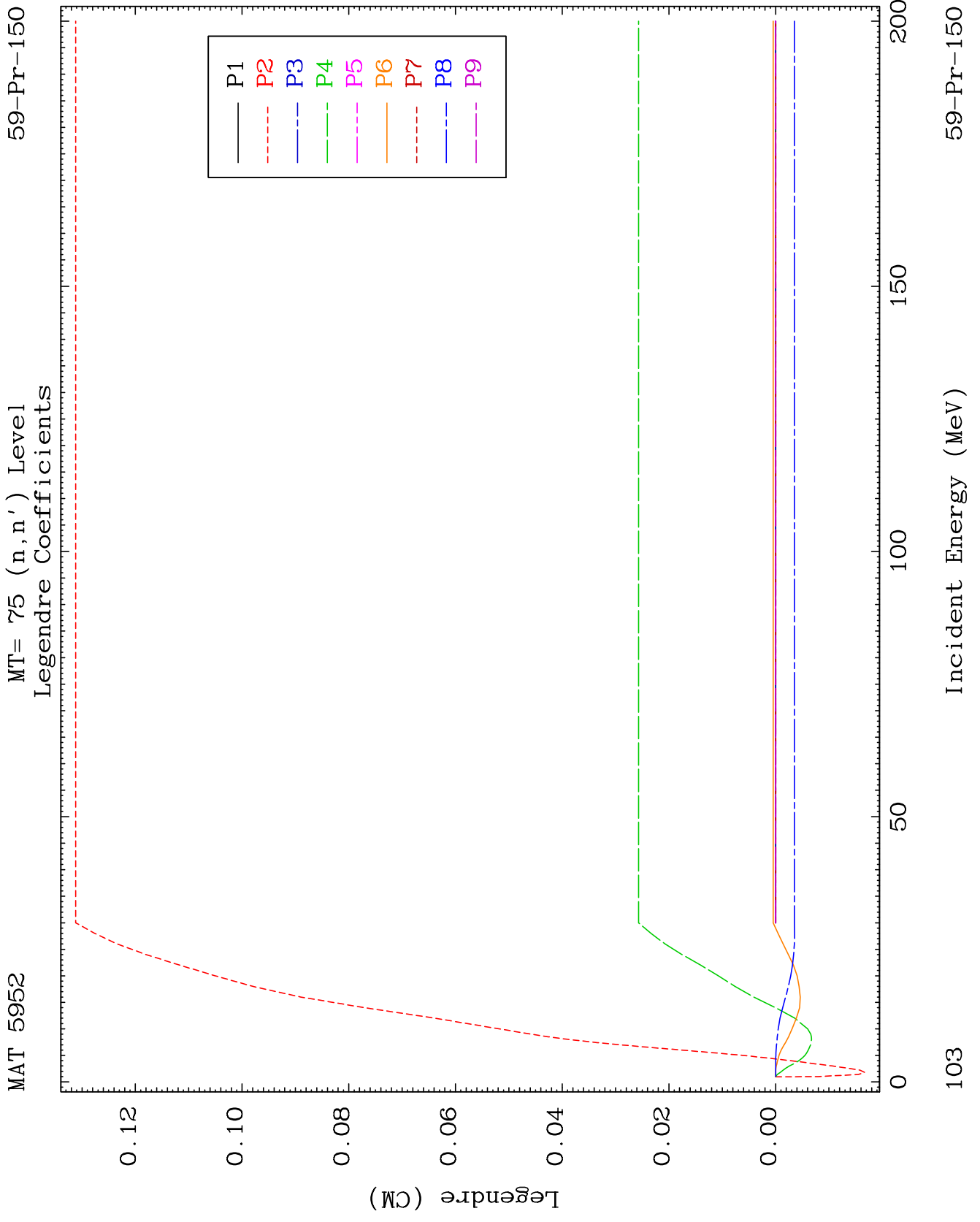
59-Pr-150



101

59-Pr-150

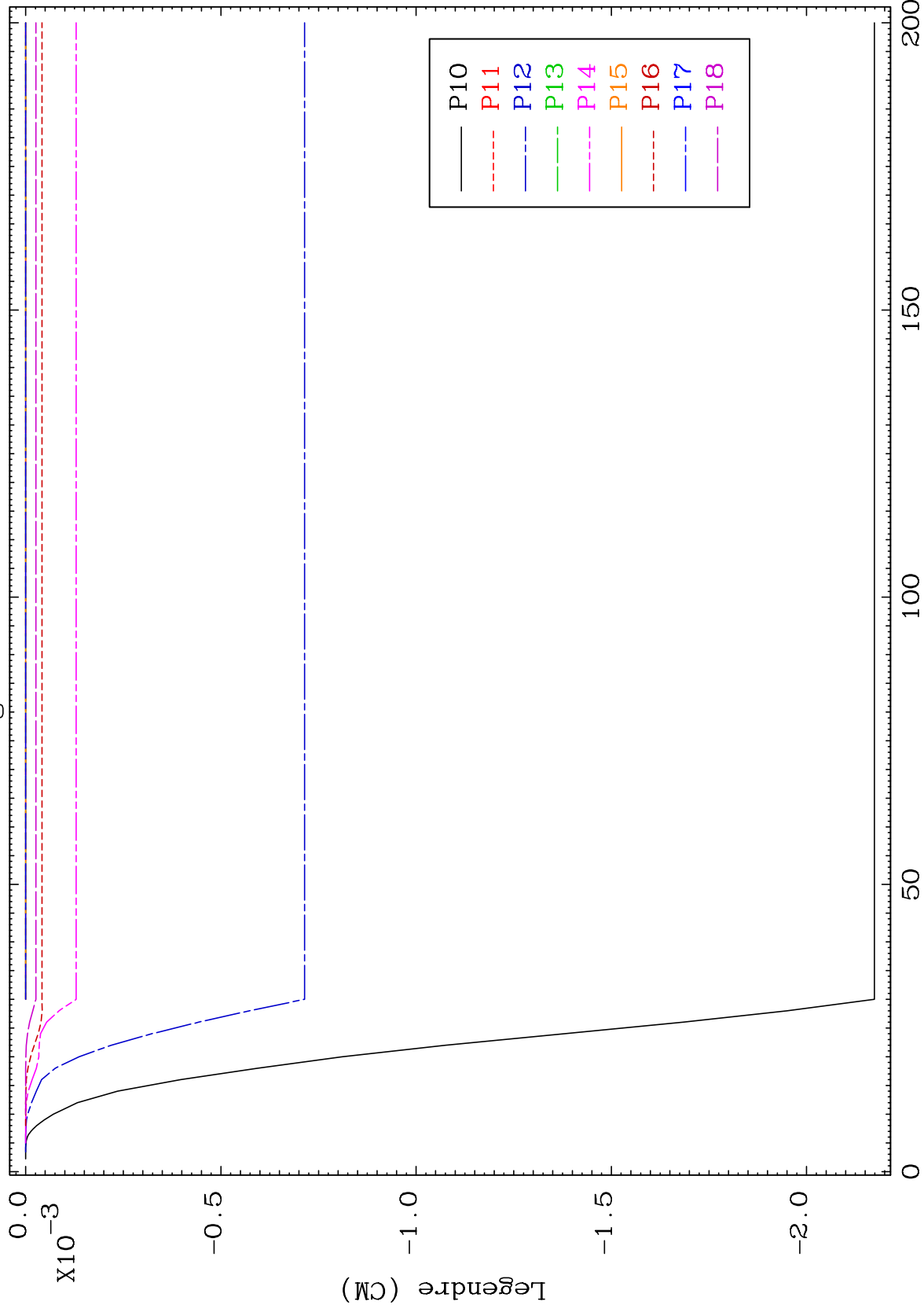




MAT 5952

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

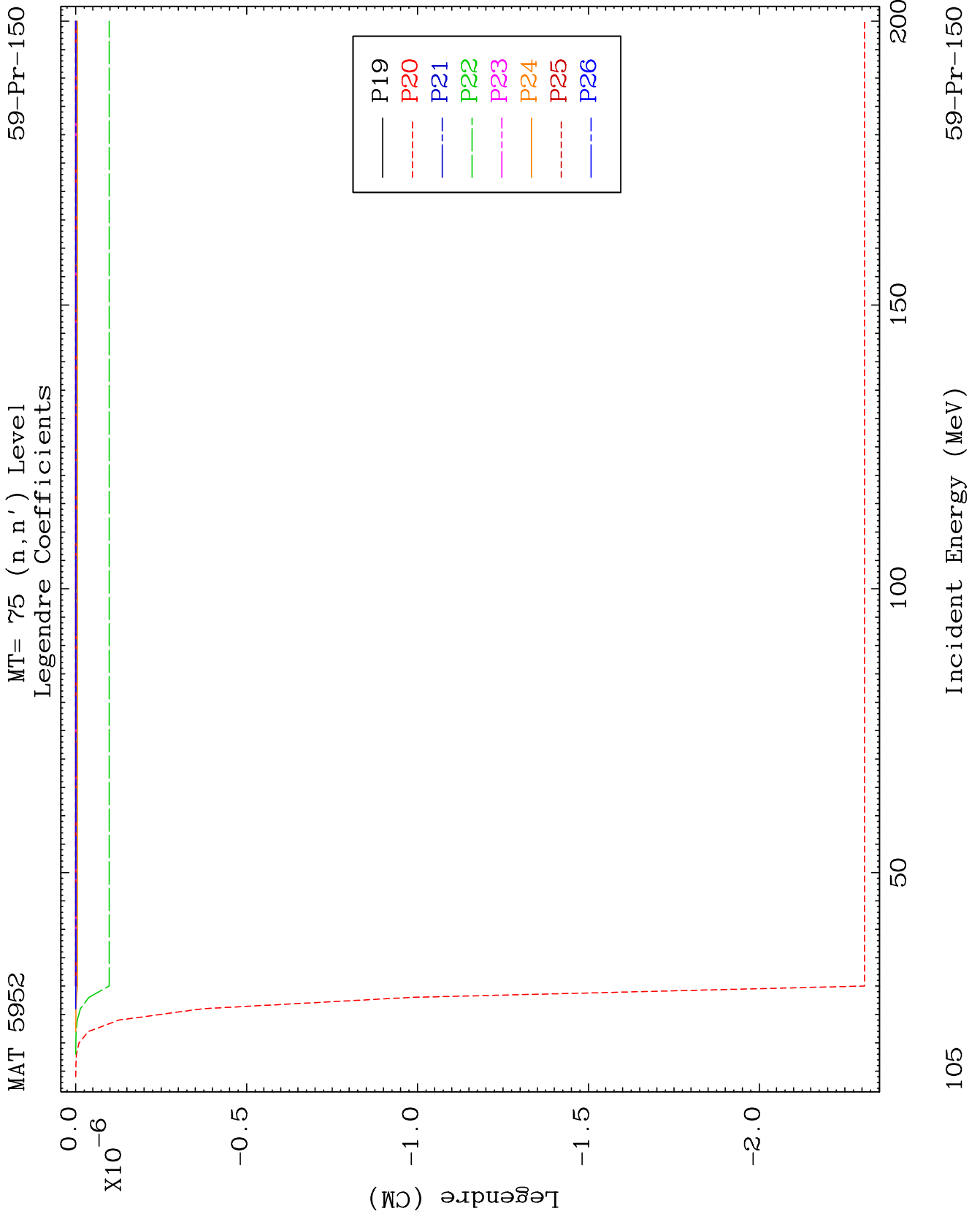
59-Pr-150



104

Incident Energy (MeV)

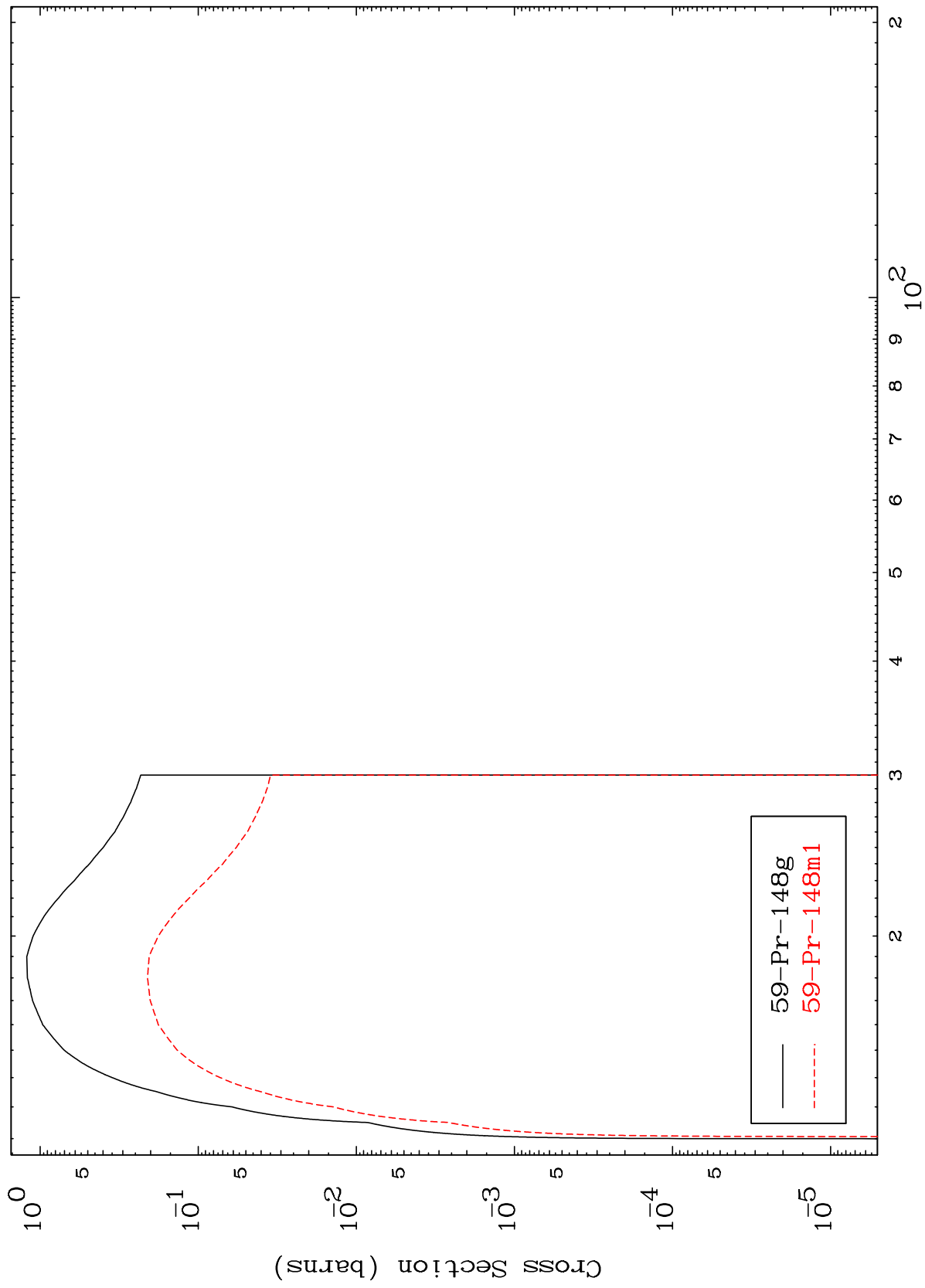
59-Pr-150



MAT 5952

59-Pr-150

(n,3n)
Radionuclide Production Cross Section



106

Incident Energy (MeV)

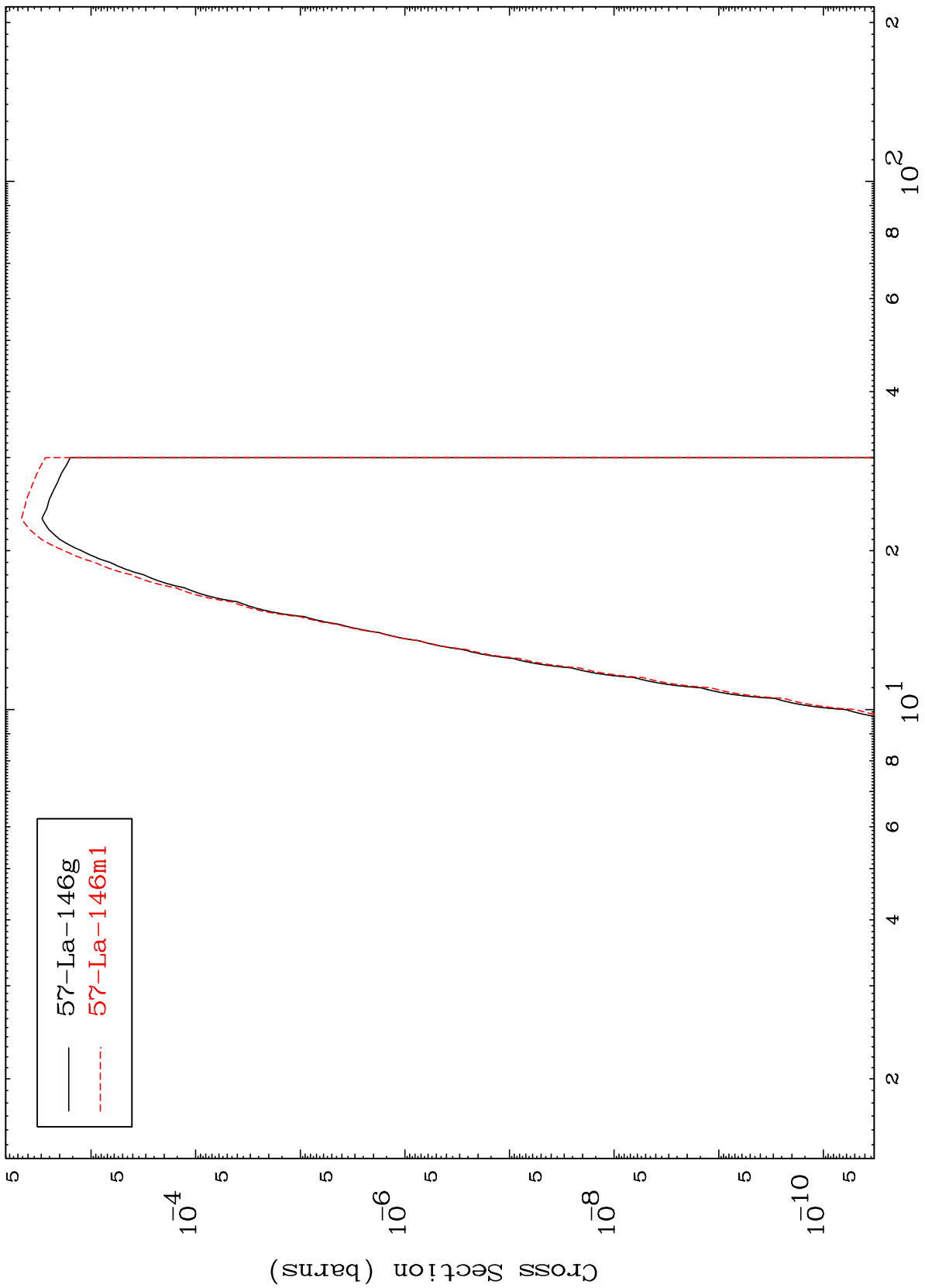
59-Pr-150

MAT 5952

$(n, n') \alpha$

59-Pr-150

Radionuclide Production Cross Section



107

Incident Energy (MeV)

59-Pr-150