

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

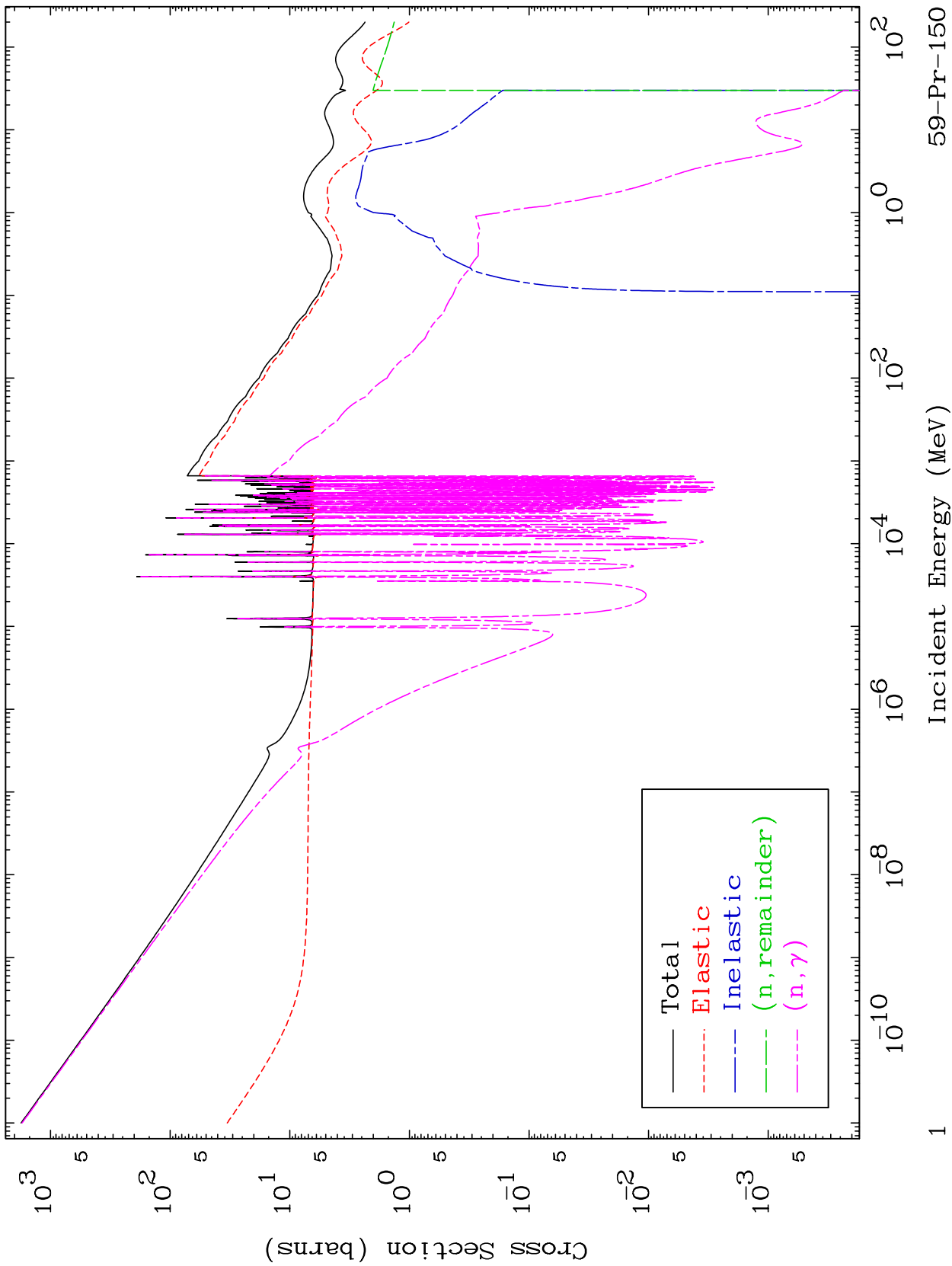
Press Mouse Button to Start

MAT 5952

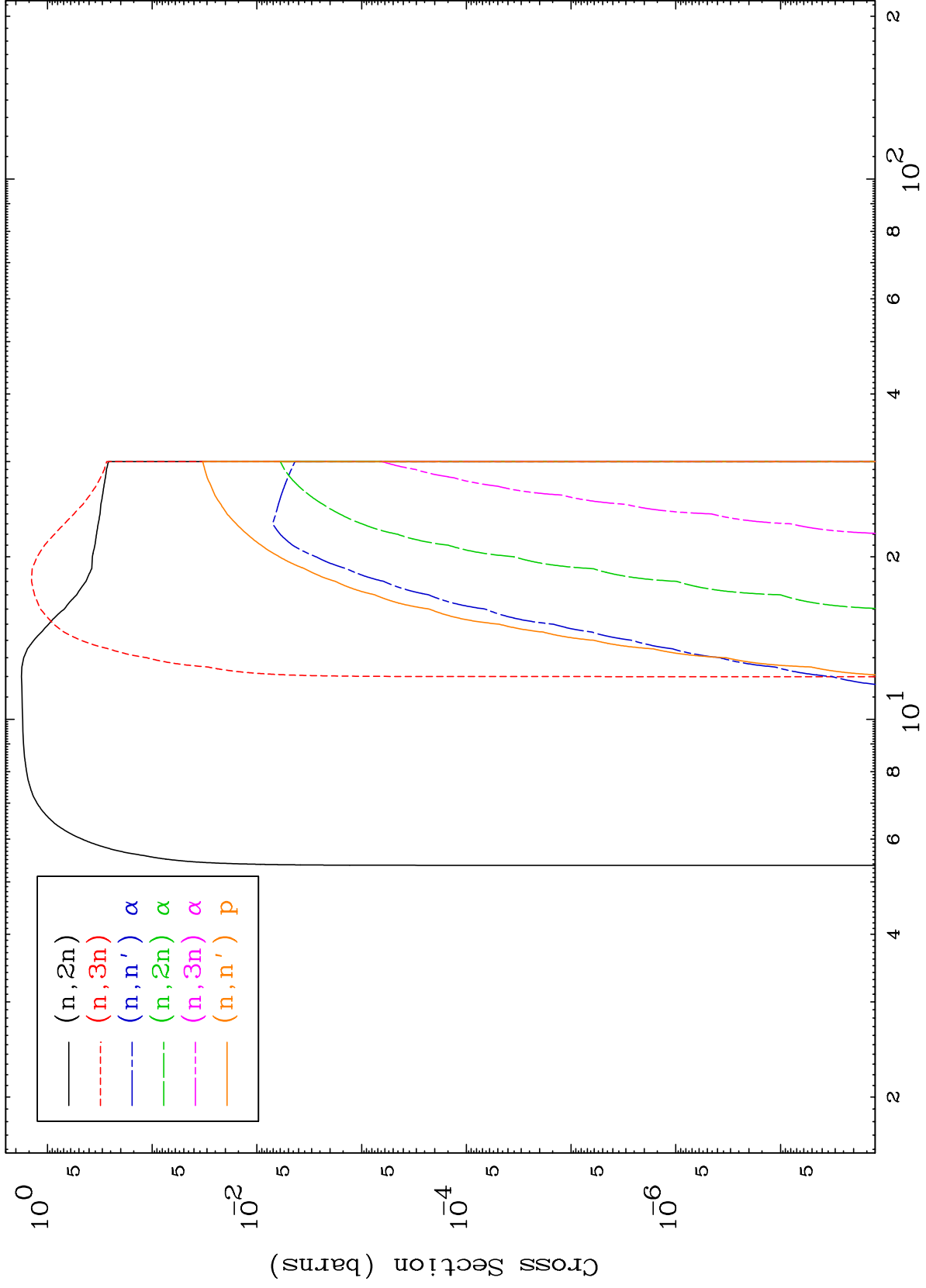
Major

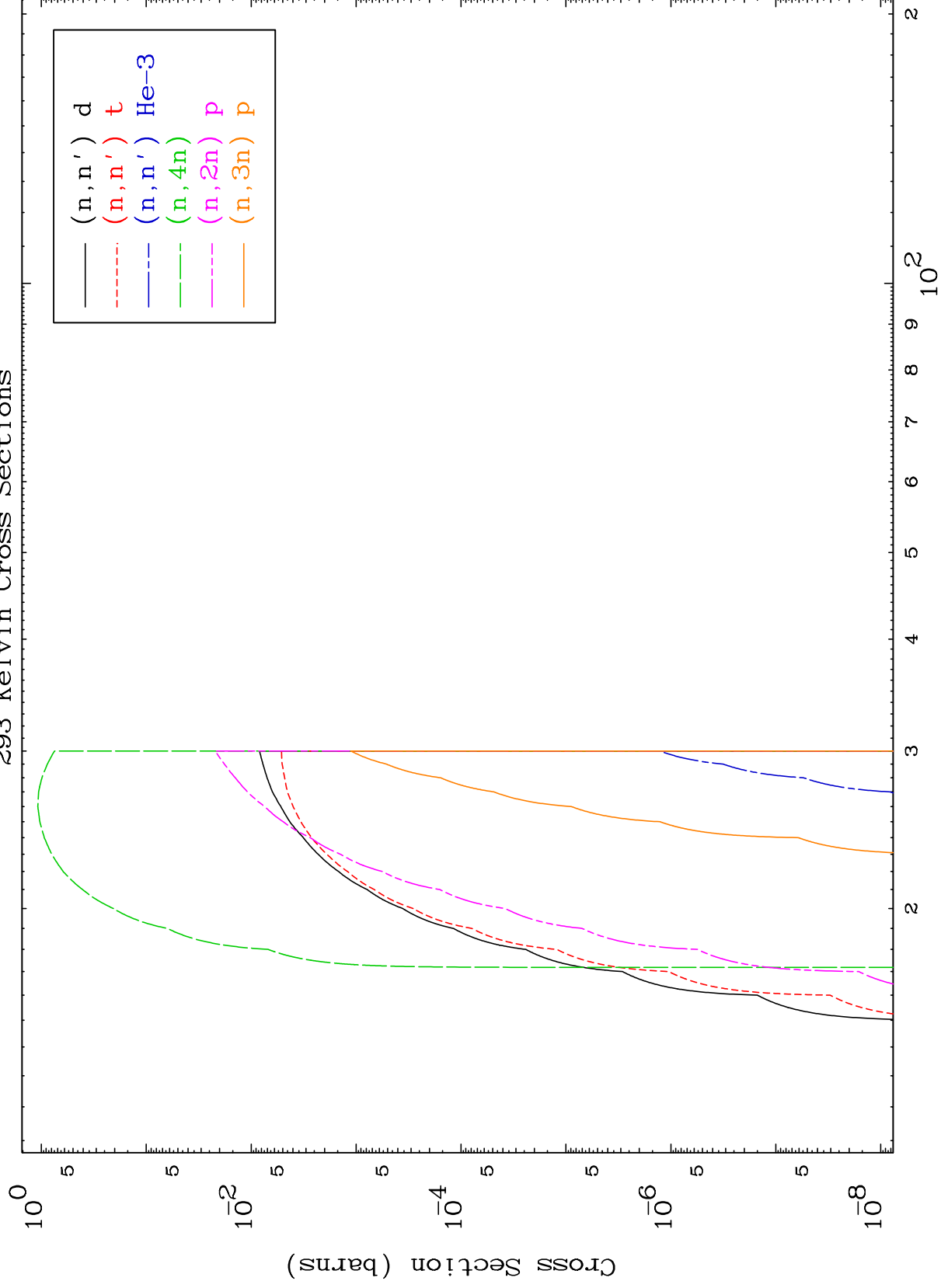
293 Kelvin Cross Sections

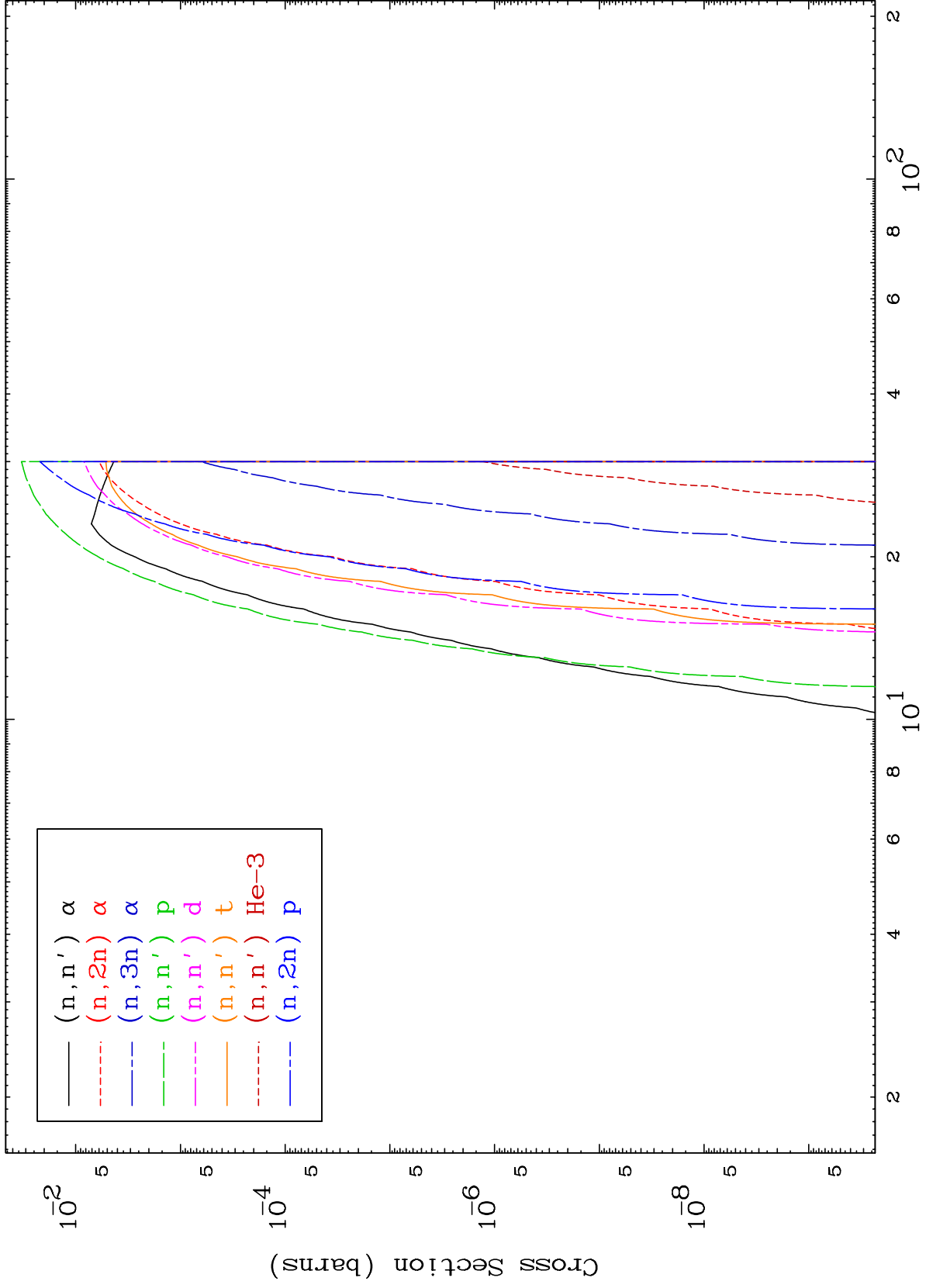
59-Pr-150



Neutron Production
293 Kelvin Cross Sections



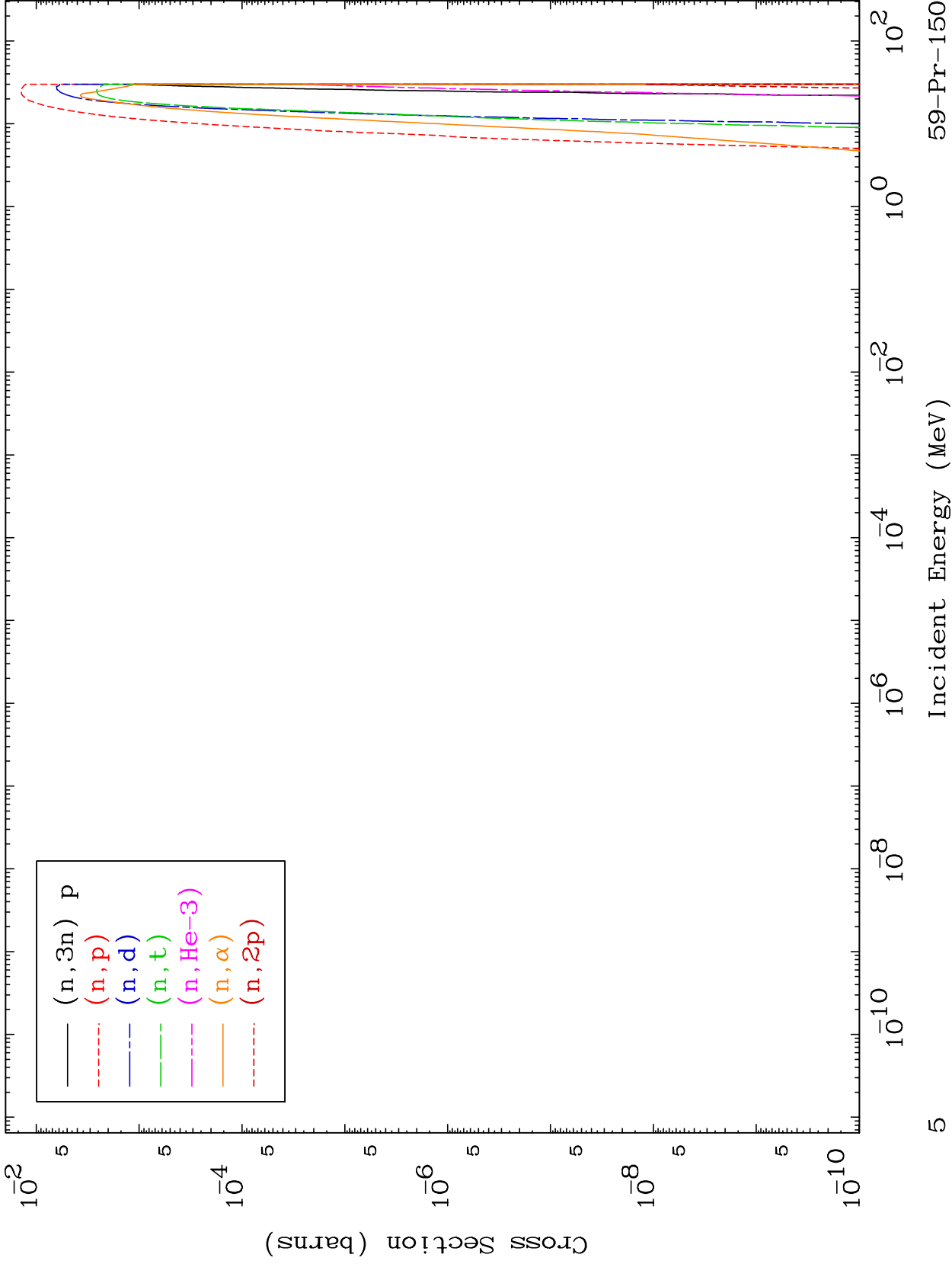




MAT 5952

Charged Particle
293 Kelvin Cross Sections

59-Pr-150

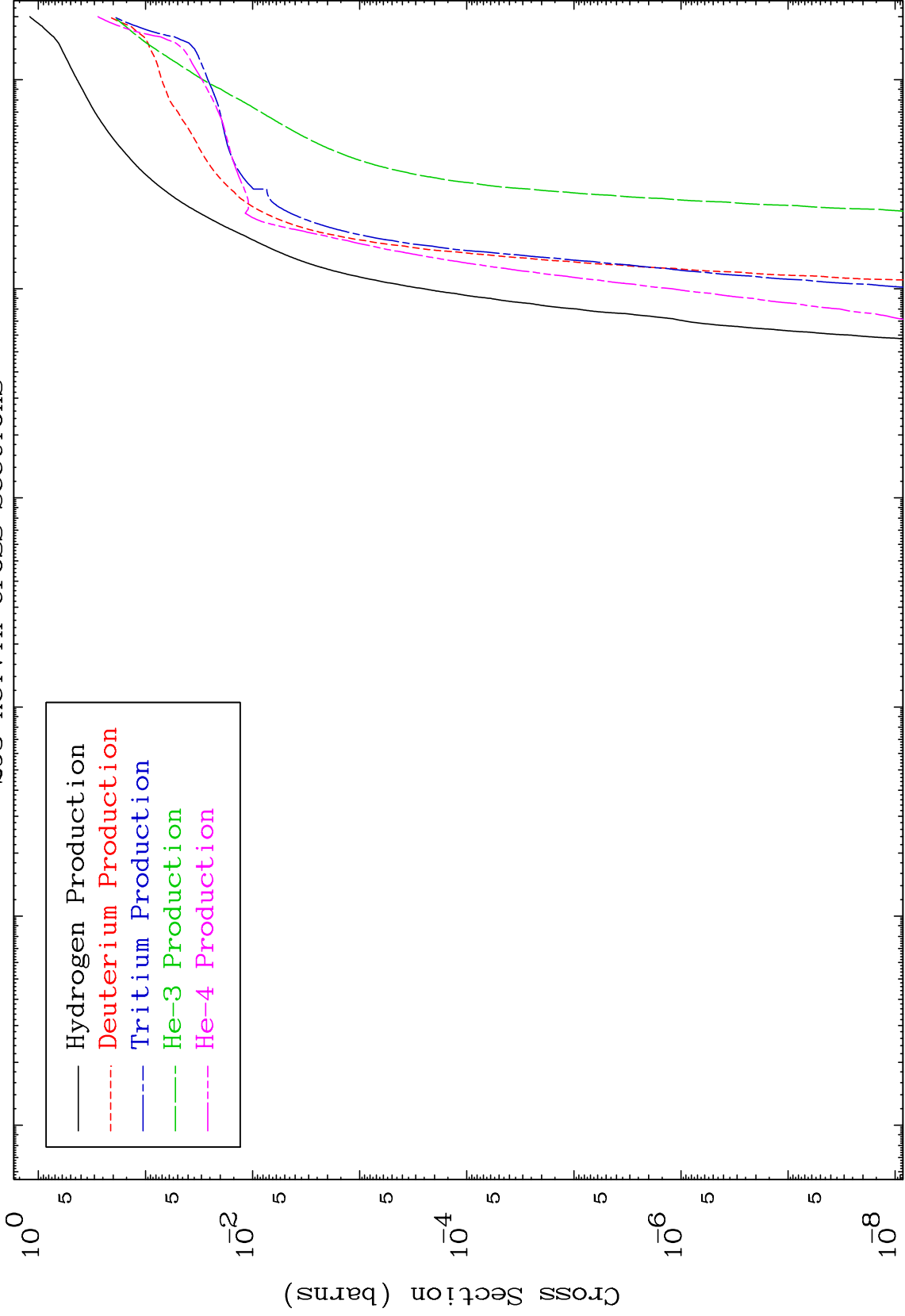


5

MAT 5952

Particle Production
293 Kelvin Cross Sections

59-Pr-150



6

Incident Energy (MeV)

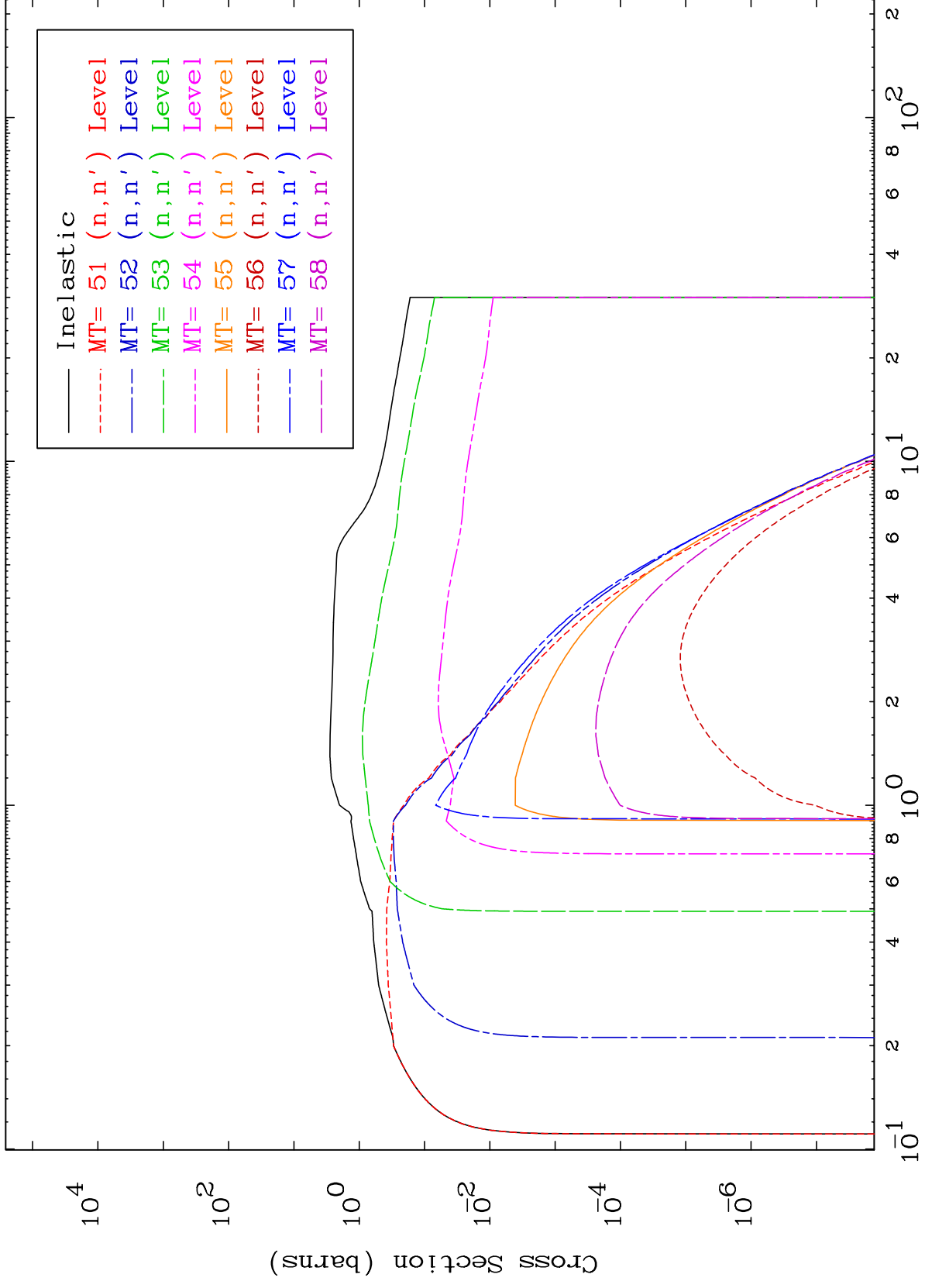
59-Pr-150

MAT 5952

(n,n') Level

59-Pr-150

293 Kelvin Cross Sections



Incident Energy (MeV)

59-Pr-150

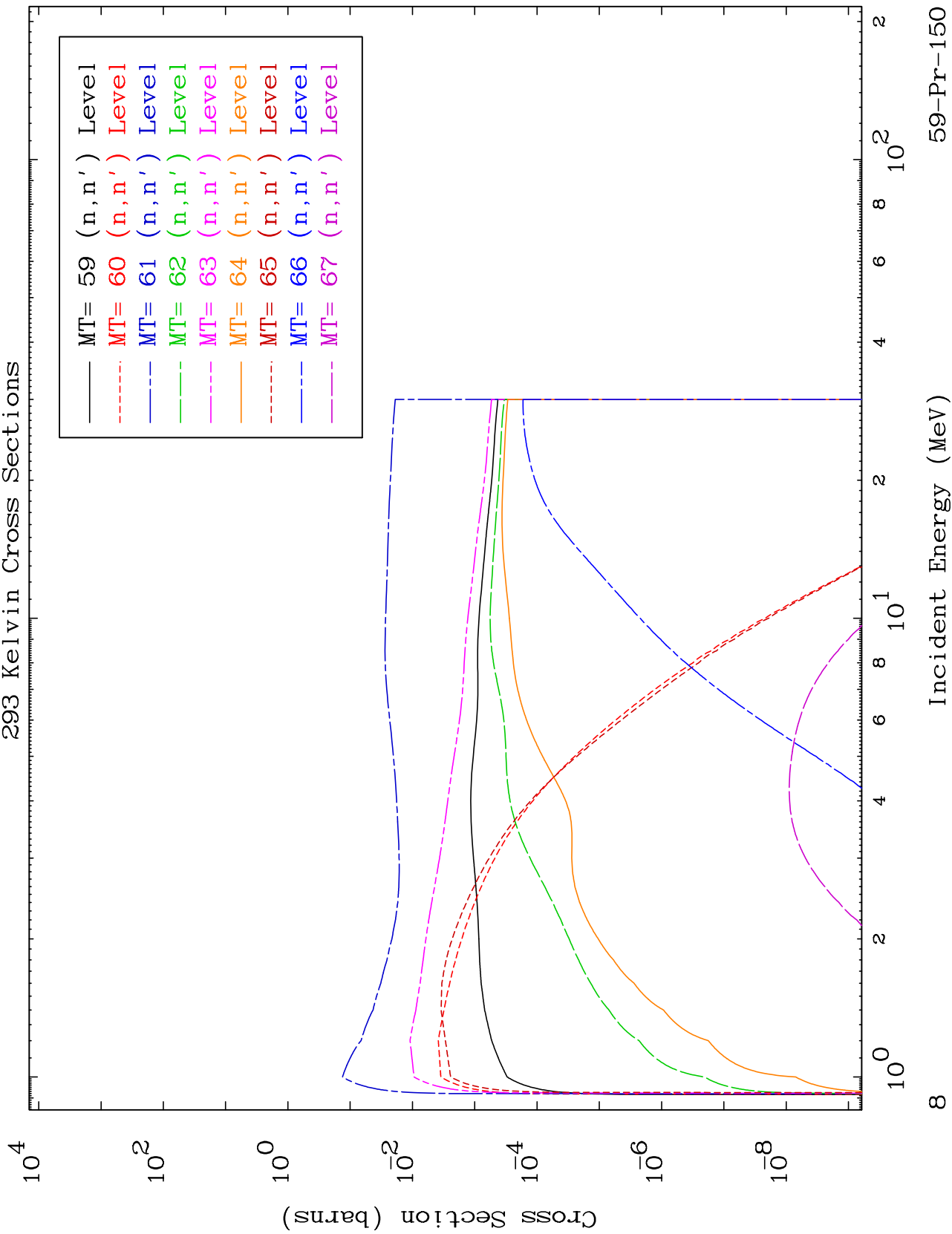
7

MAT 5952

(n,n') Level

59-Pr-150

293 Kelvin Cross Sections



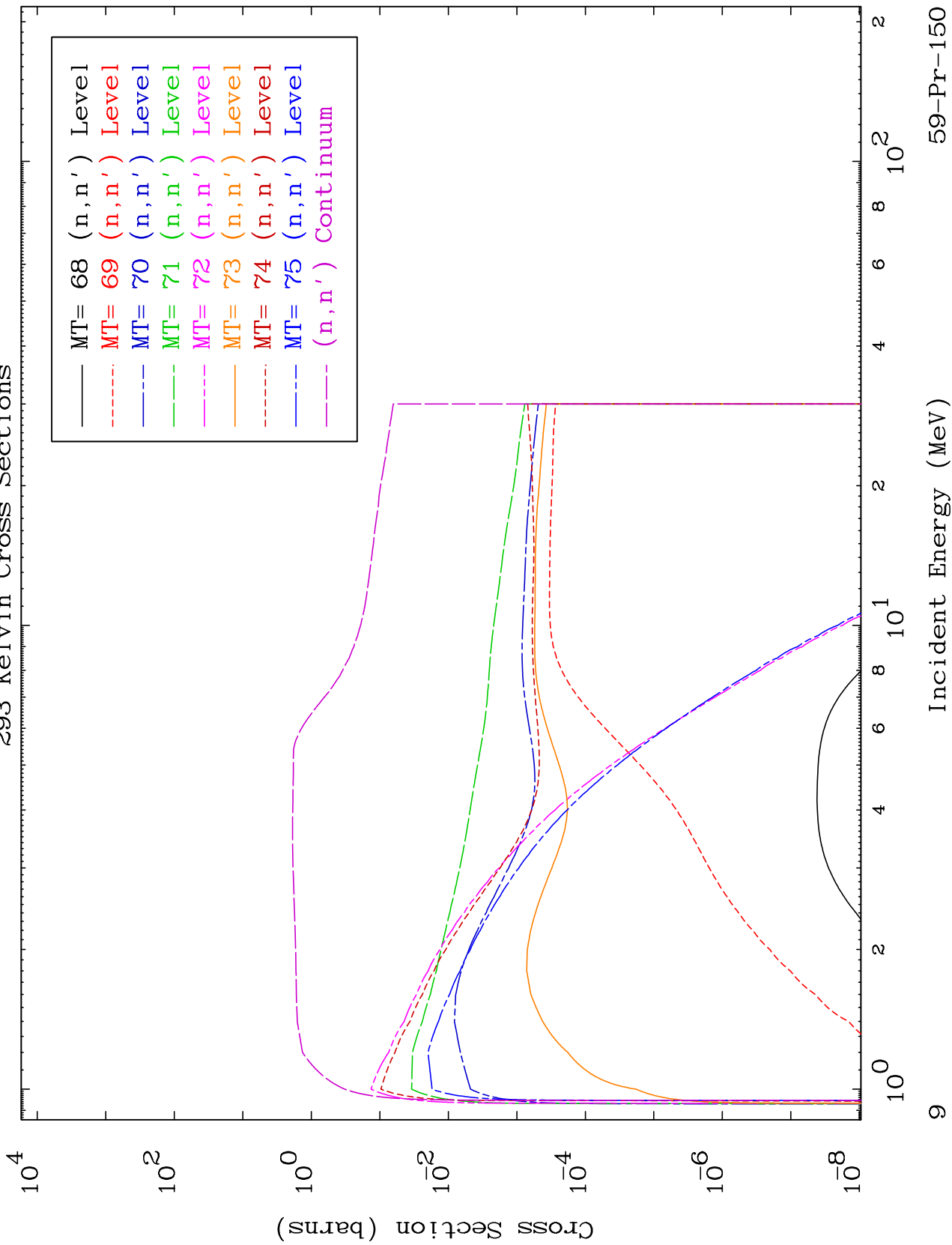
59-Pr-150

MAT 5952

(n,n') Level

59-Pr-150

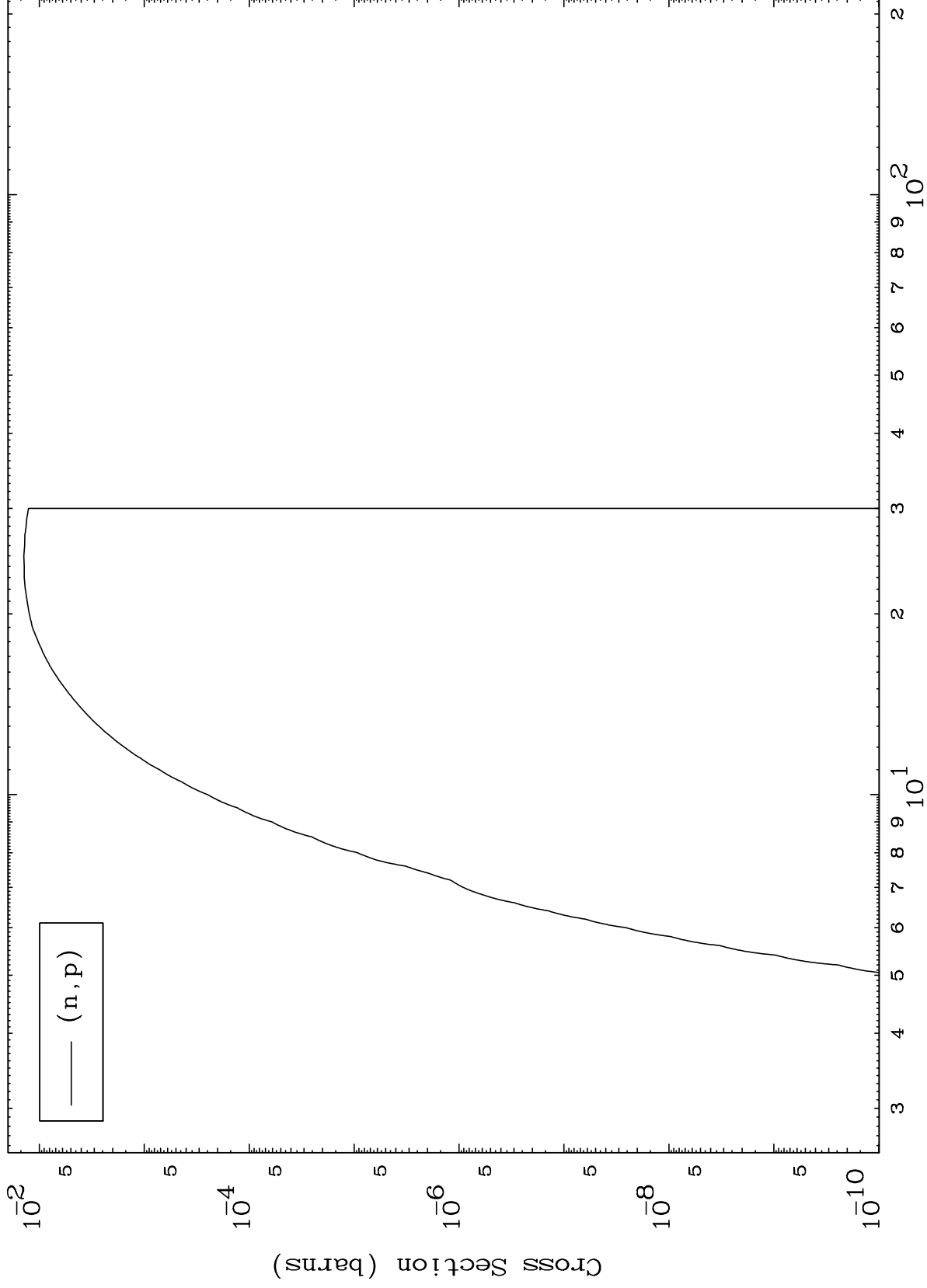
293 Kelvin Cross Sections



MAT 5952

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-150



(n,p)

Incident Energy (MeV)

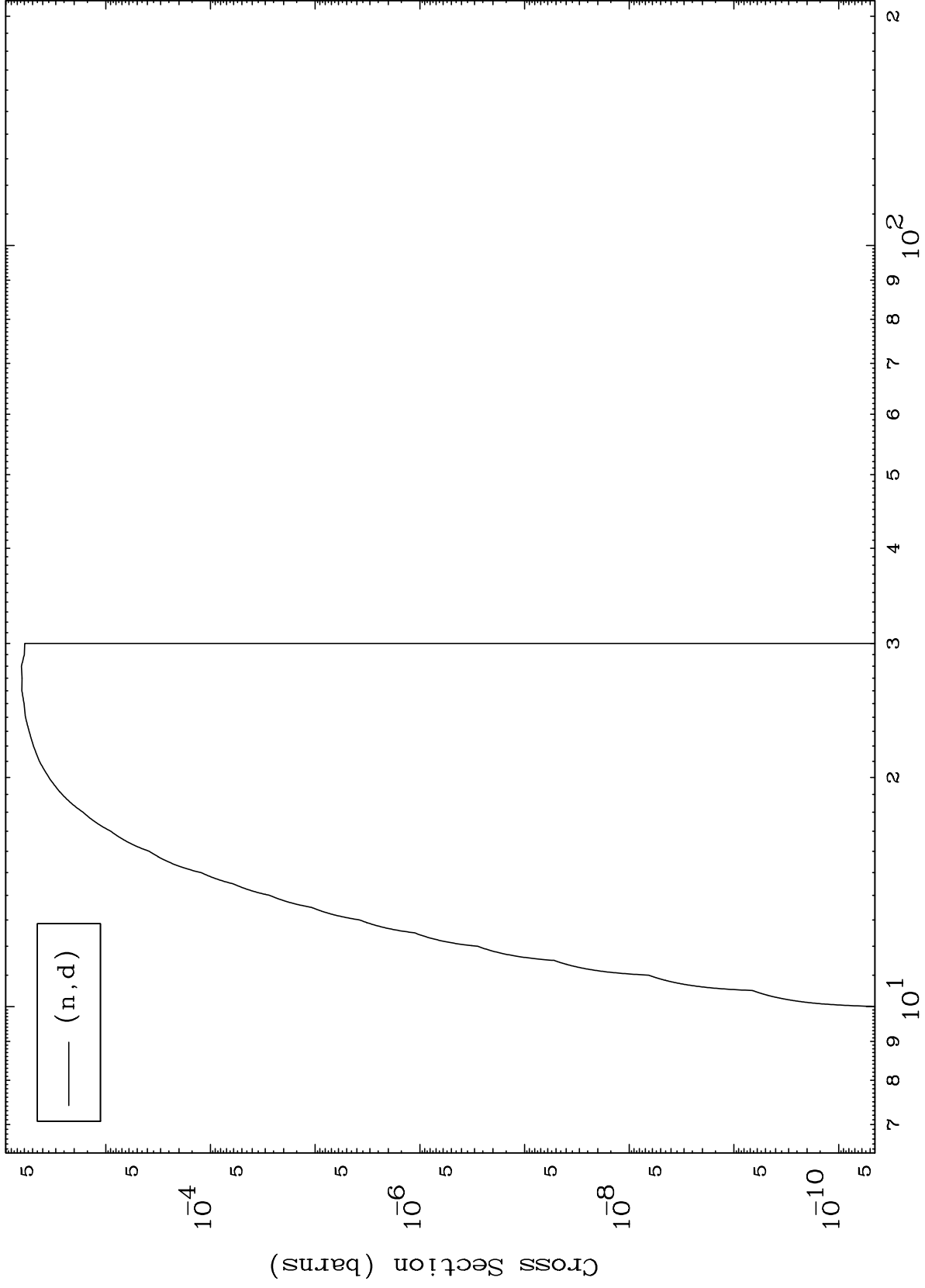
59-Pr-150

10

MAT 5952

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-150



11

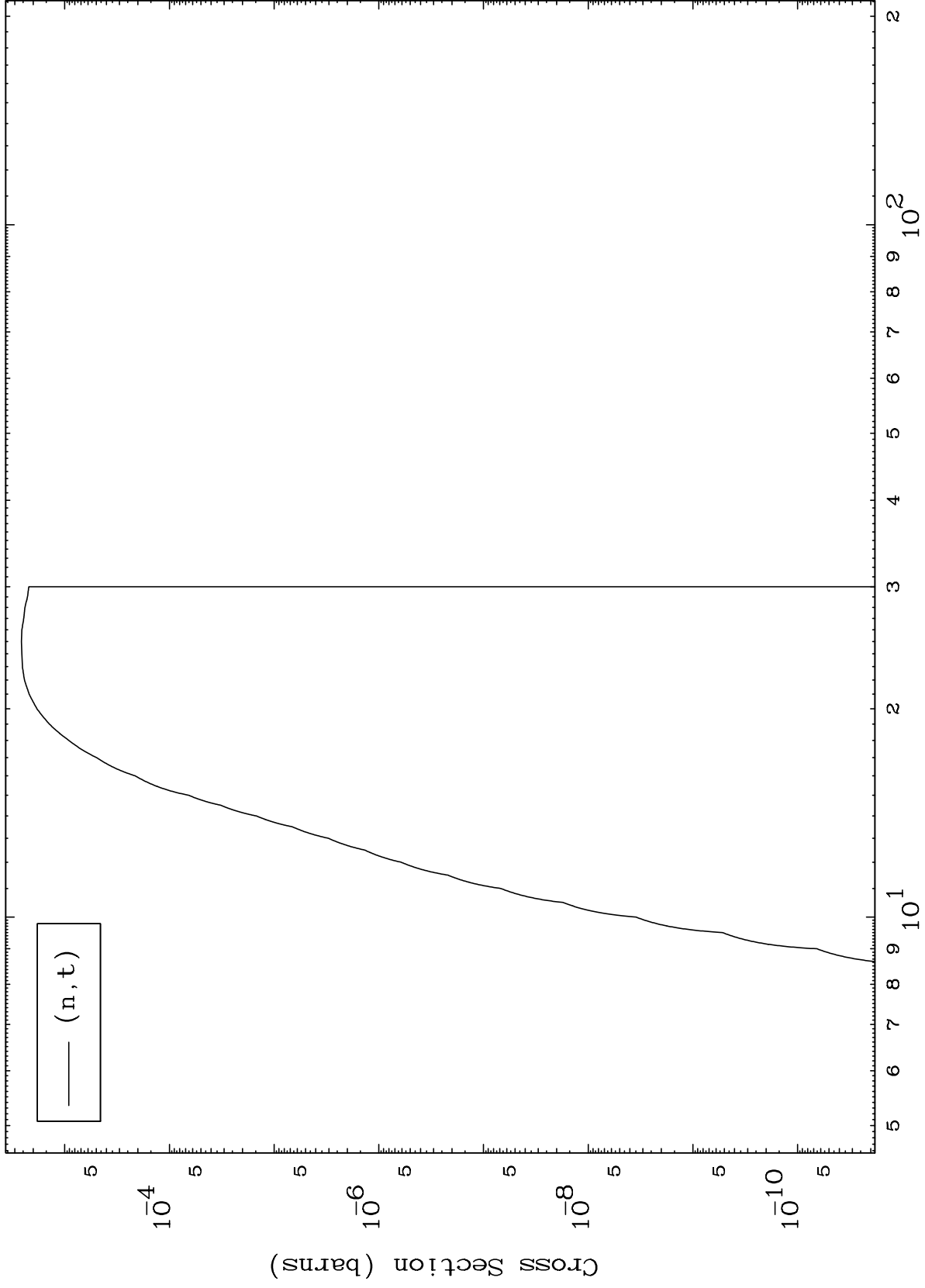
Incident Energy (MeV)

59-Pr-150

MAT 5952

(n,t) Levels
293 Kelvin Cross Sections

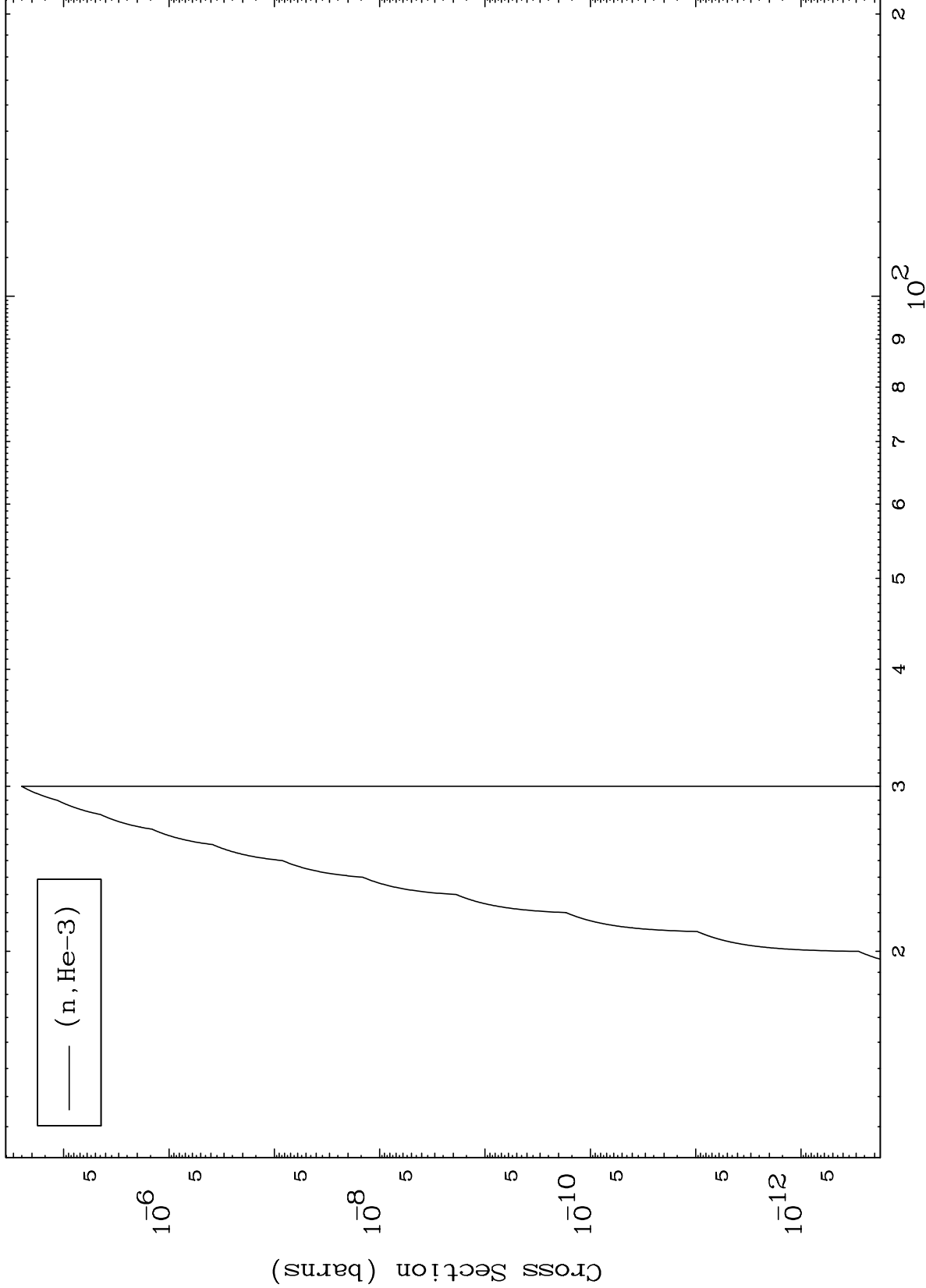
59-Pr-150



12

Incident Energy (MeV)

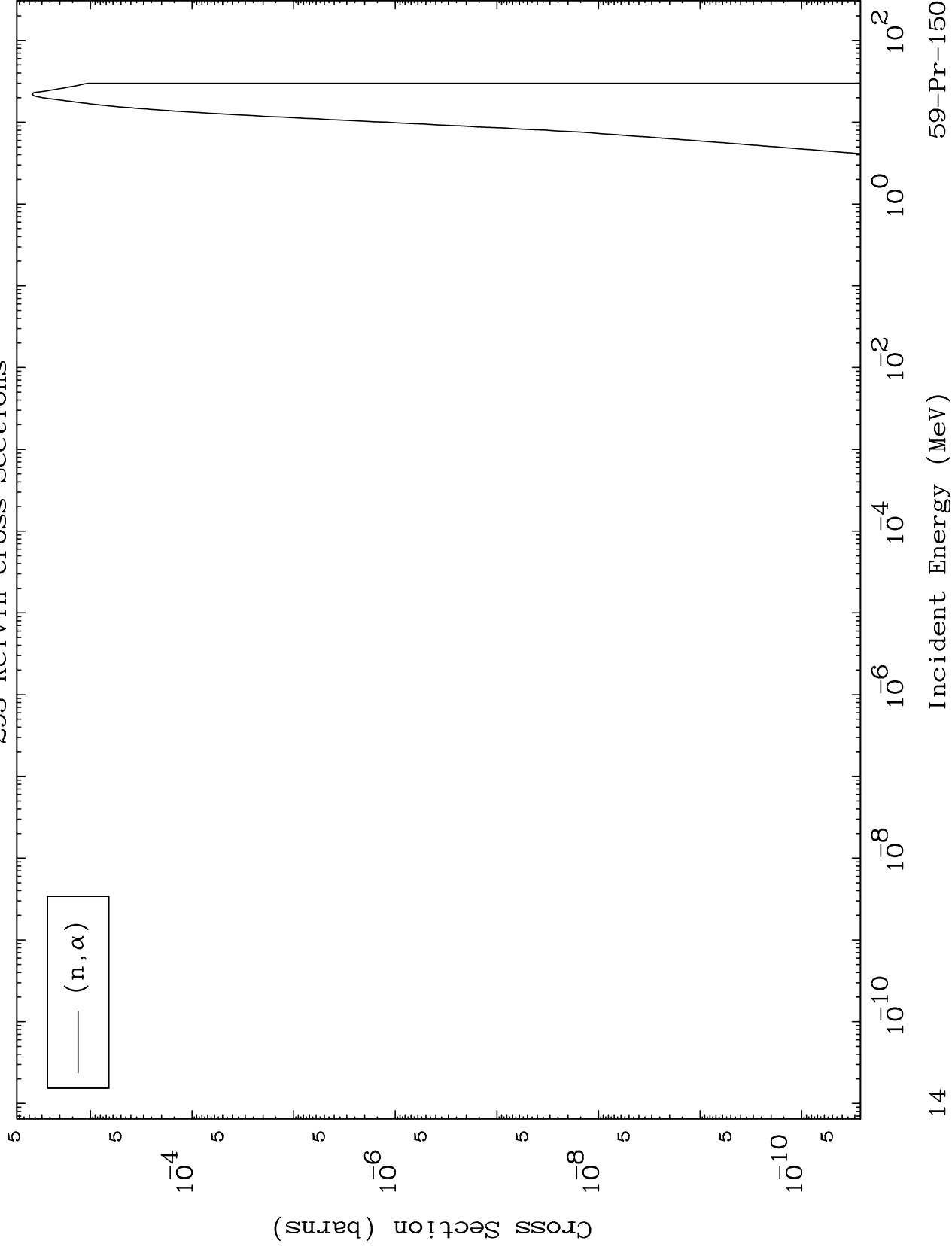
59-Pr-150

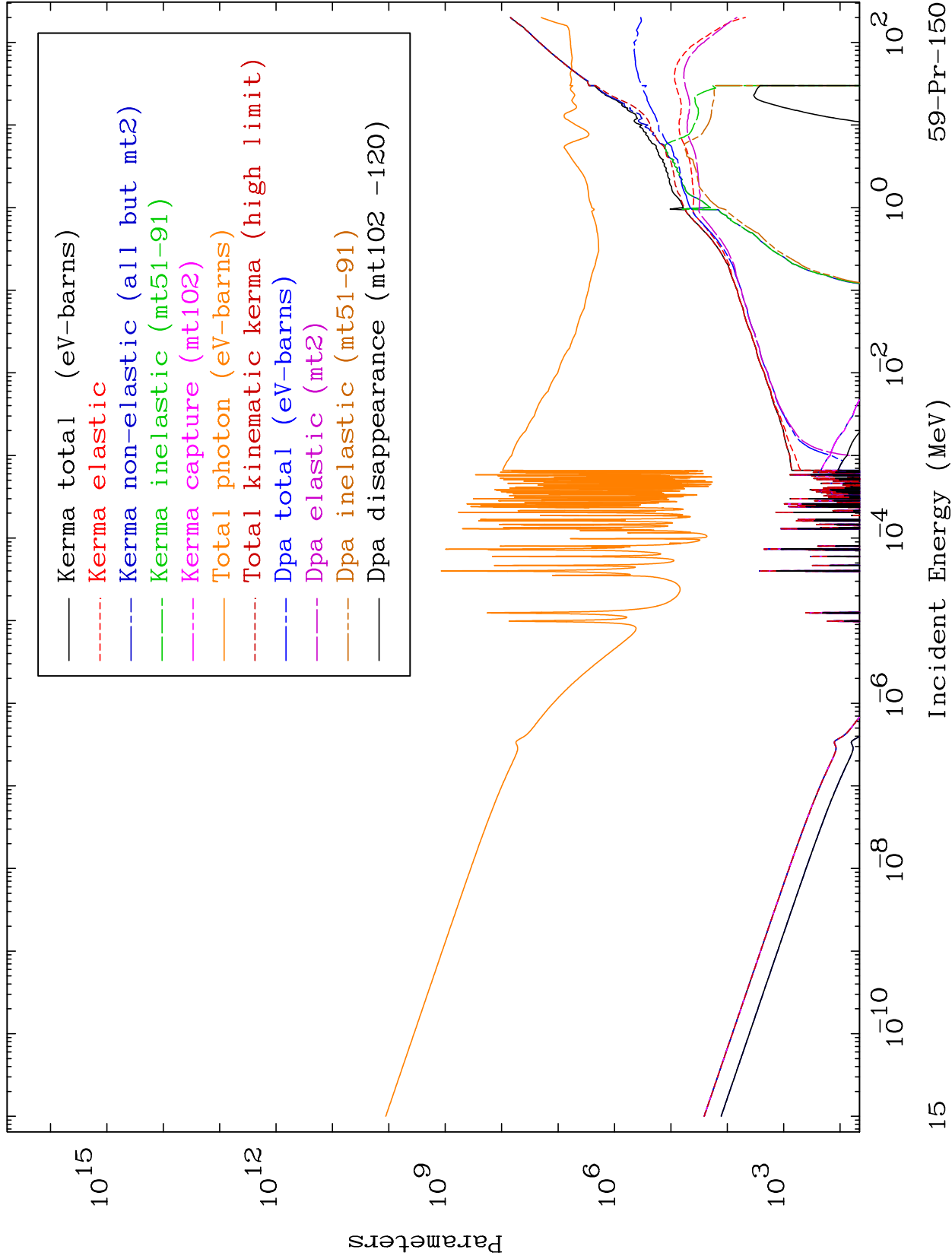


MAT 5952

(n, α) Levels
293 Kelvin Cross Sections

59-Pr-150

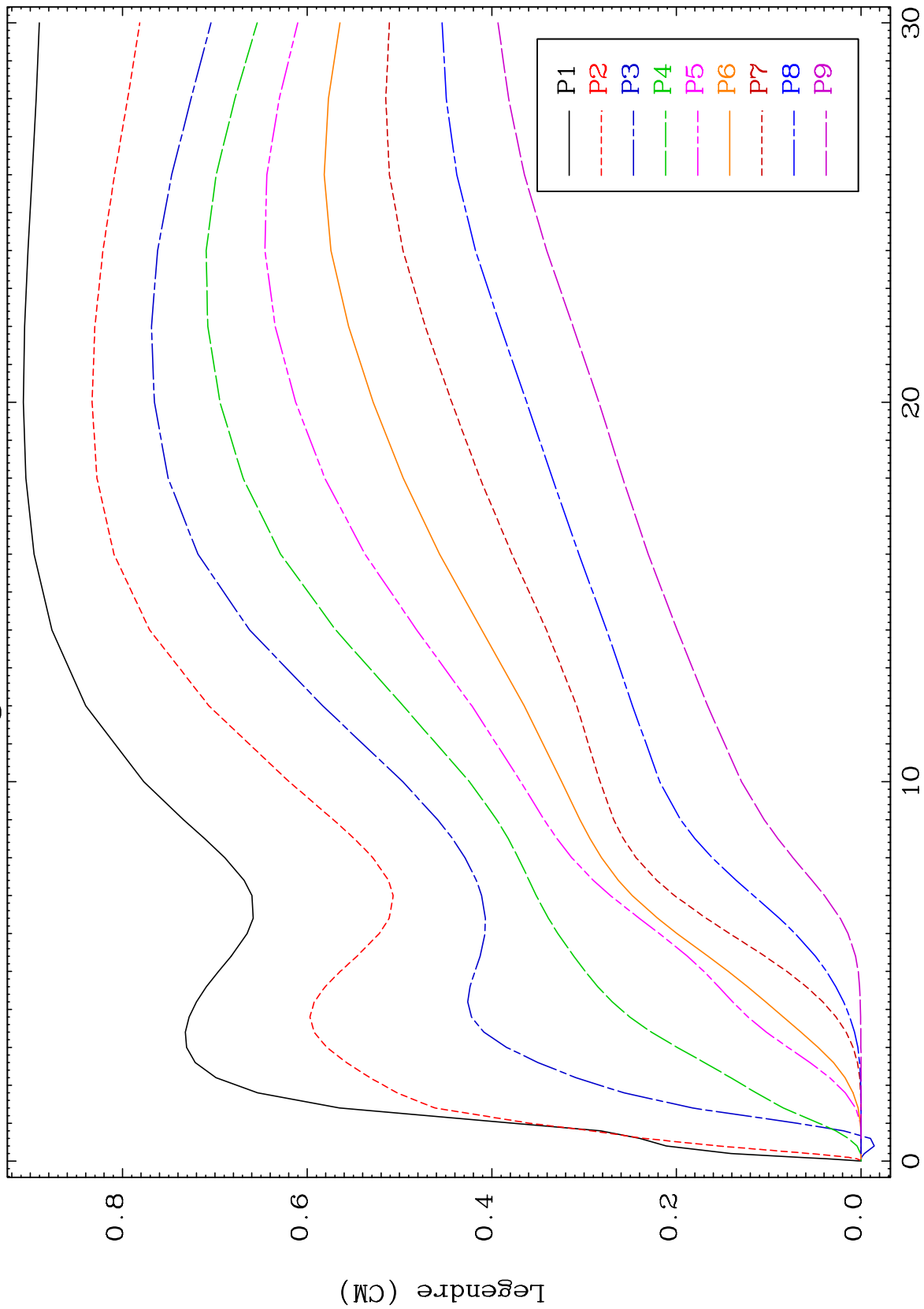




MAT 5952

Elastic Legendre Coefficients

59-Pr-150



16

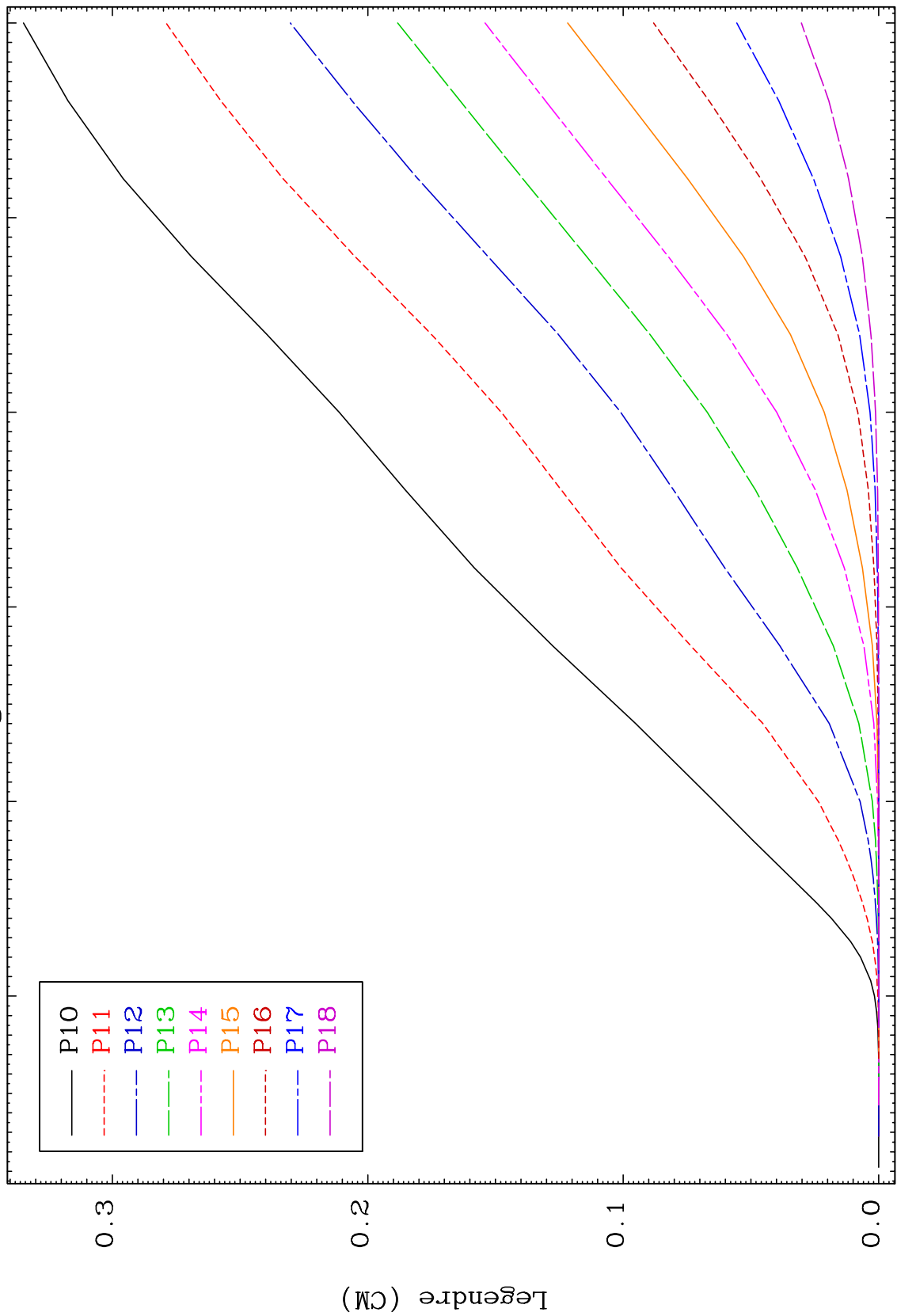
Incident Energy (MeV)

59-Pr-150

MAT 5952

Elastic Legendre Coefficients

59-Pr-150



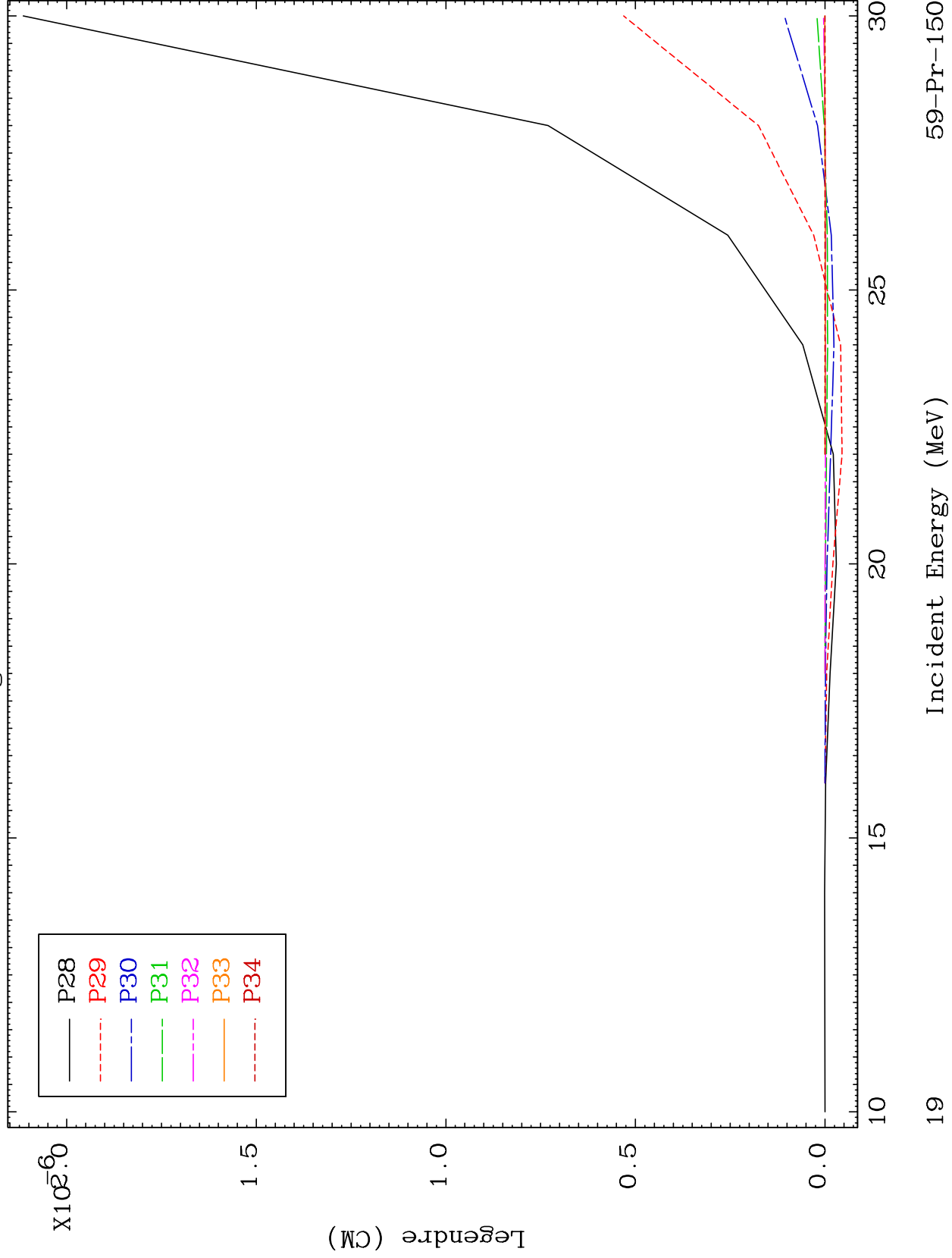
17

59-Pr-150

MAT 5952

Elastic Legendre Coefficients

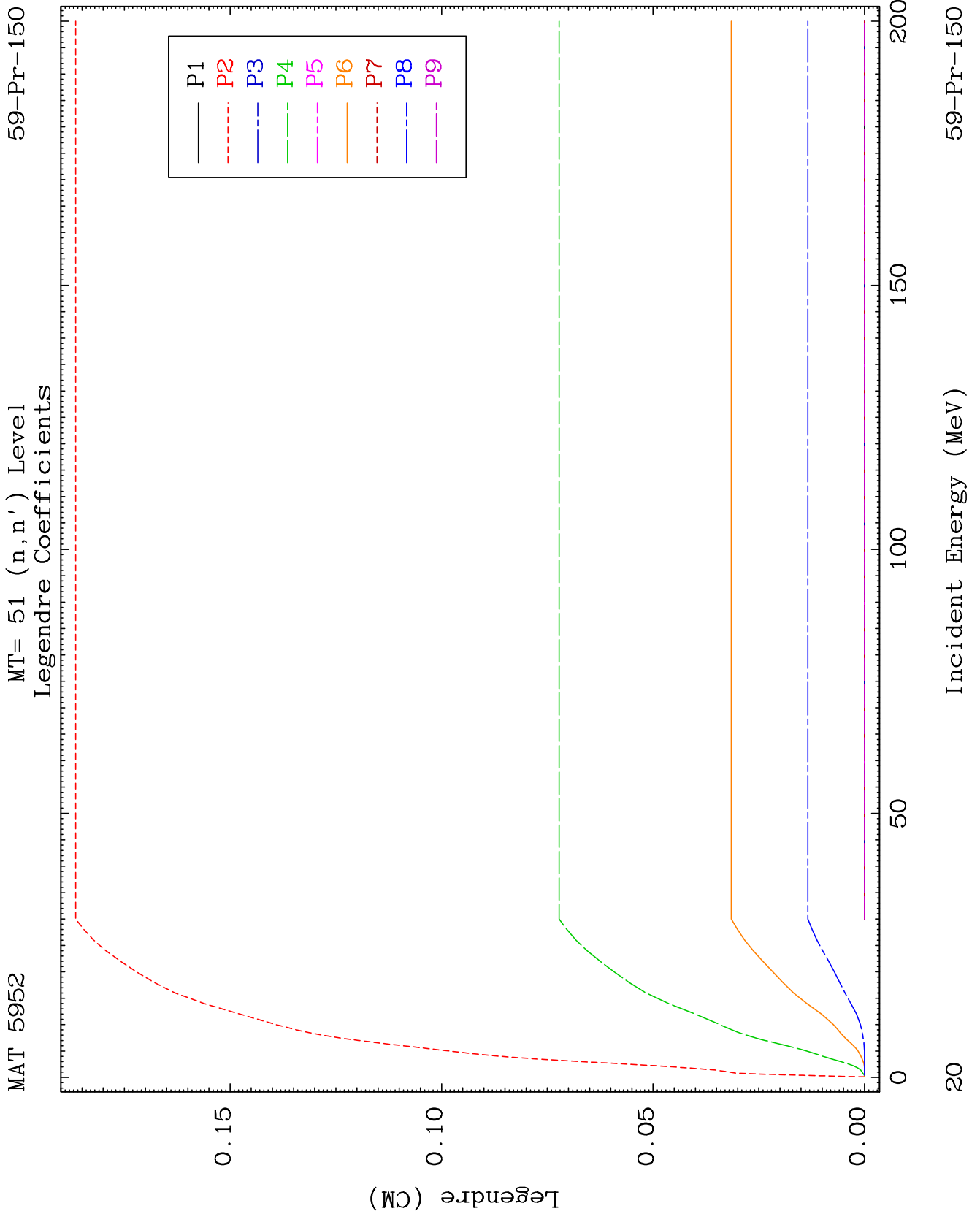
59-Pr-150



59-Pr-150

Incident Energy (MeV)

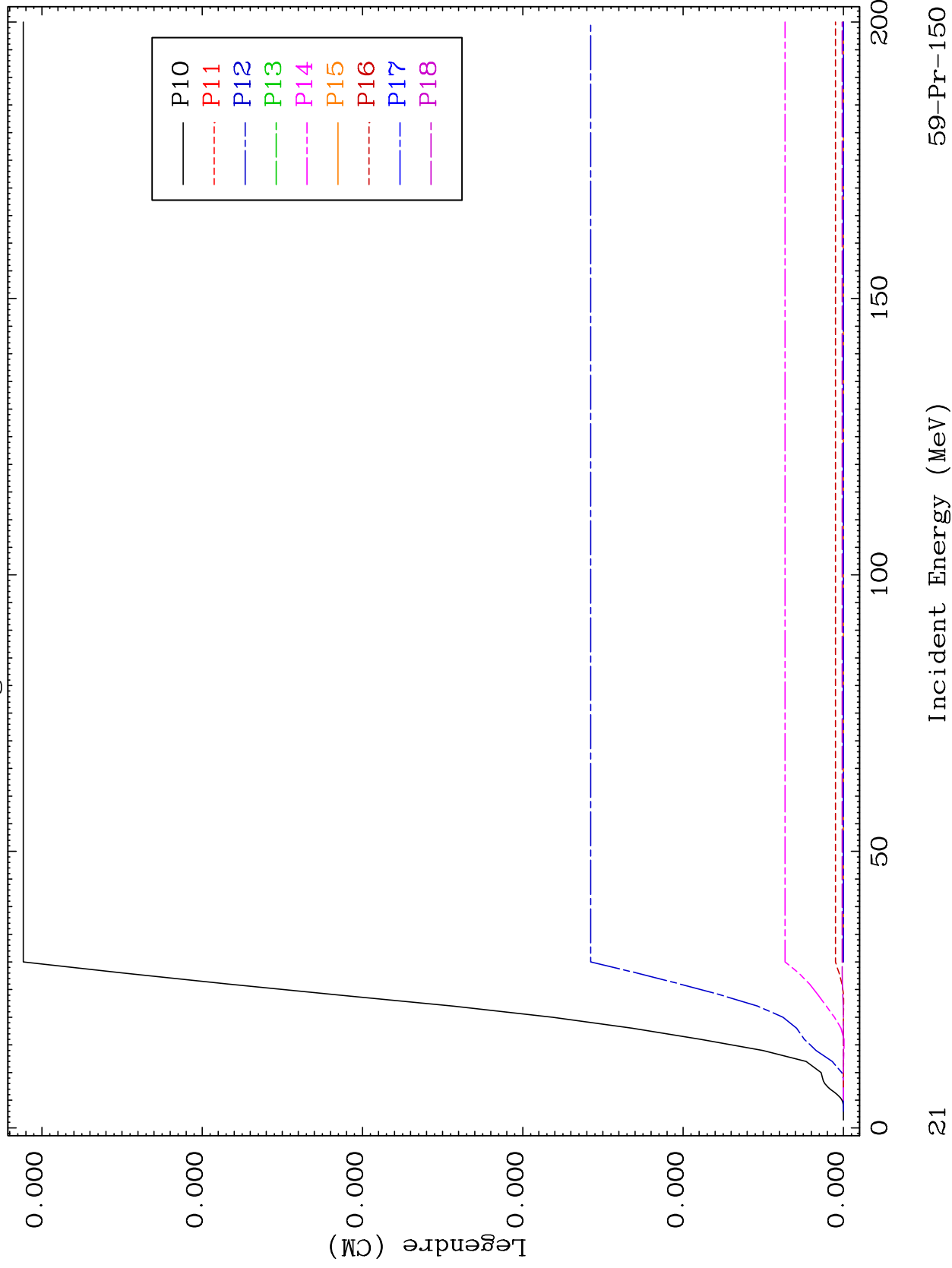
19



MAT 5952

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

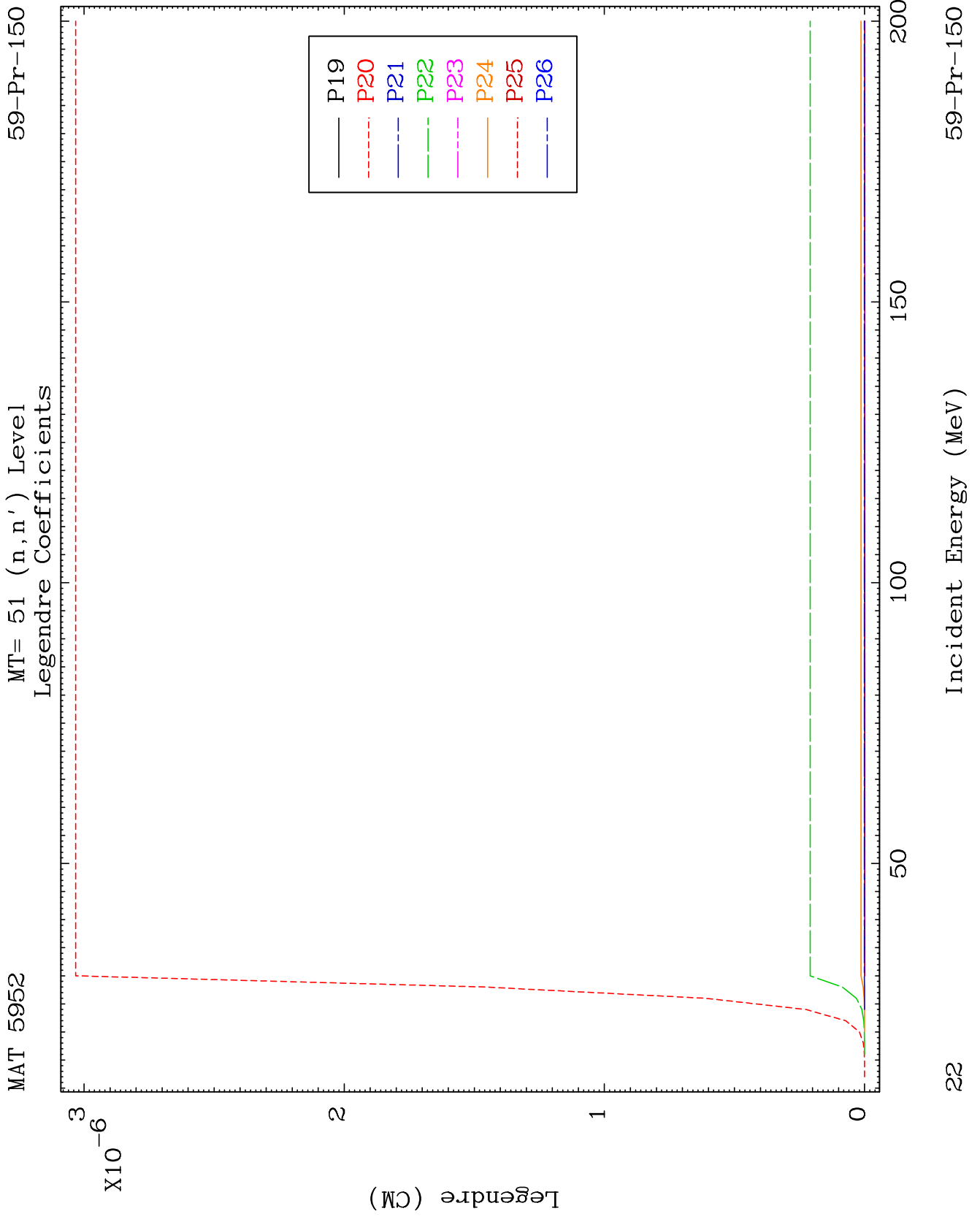
59-Pr-150

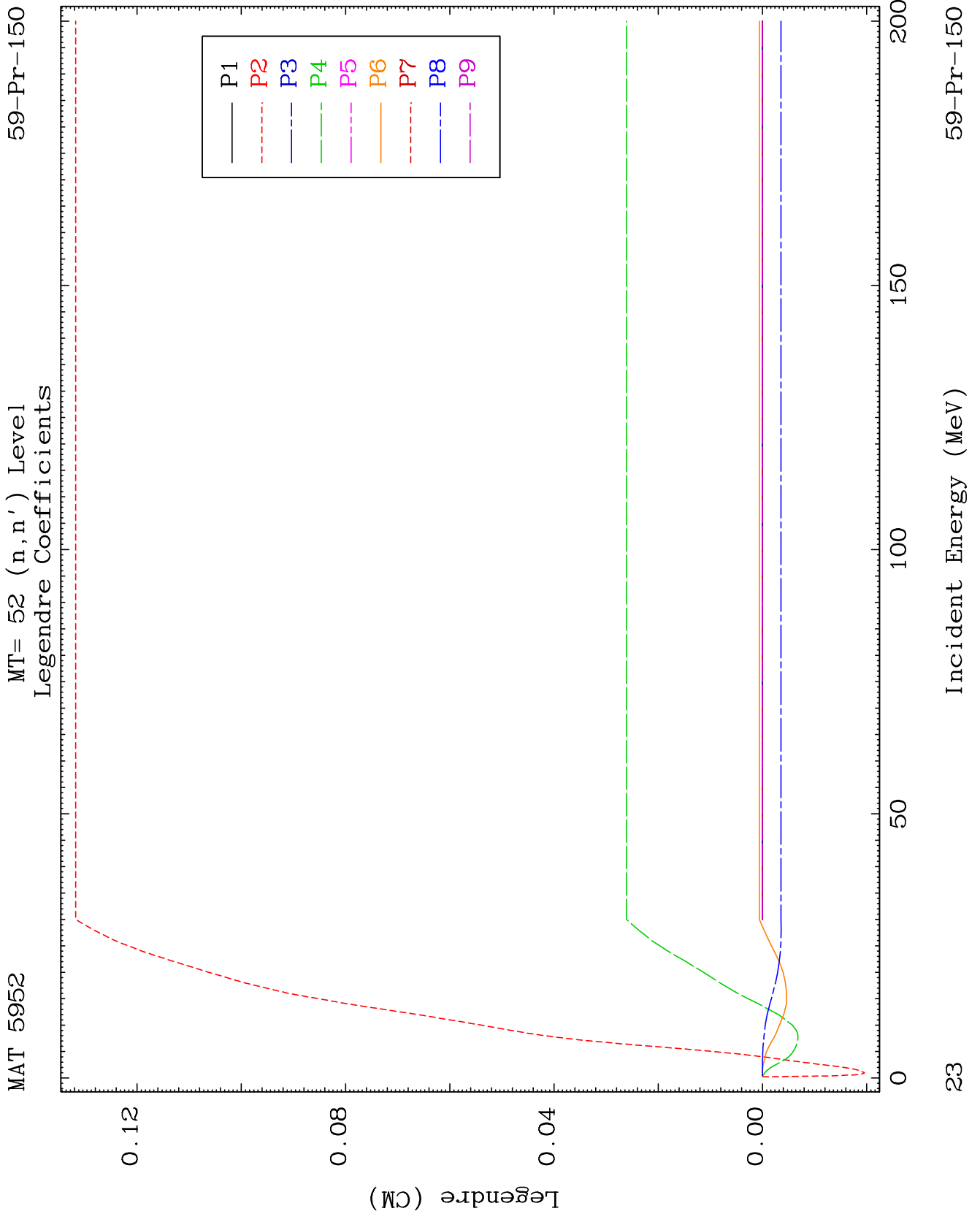


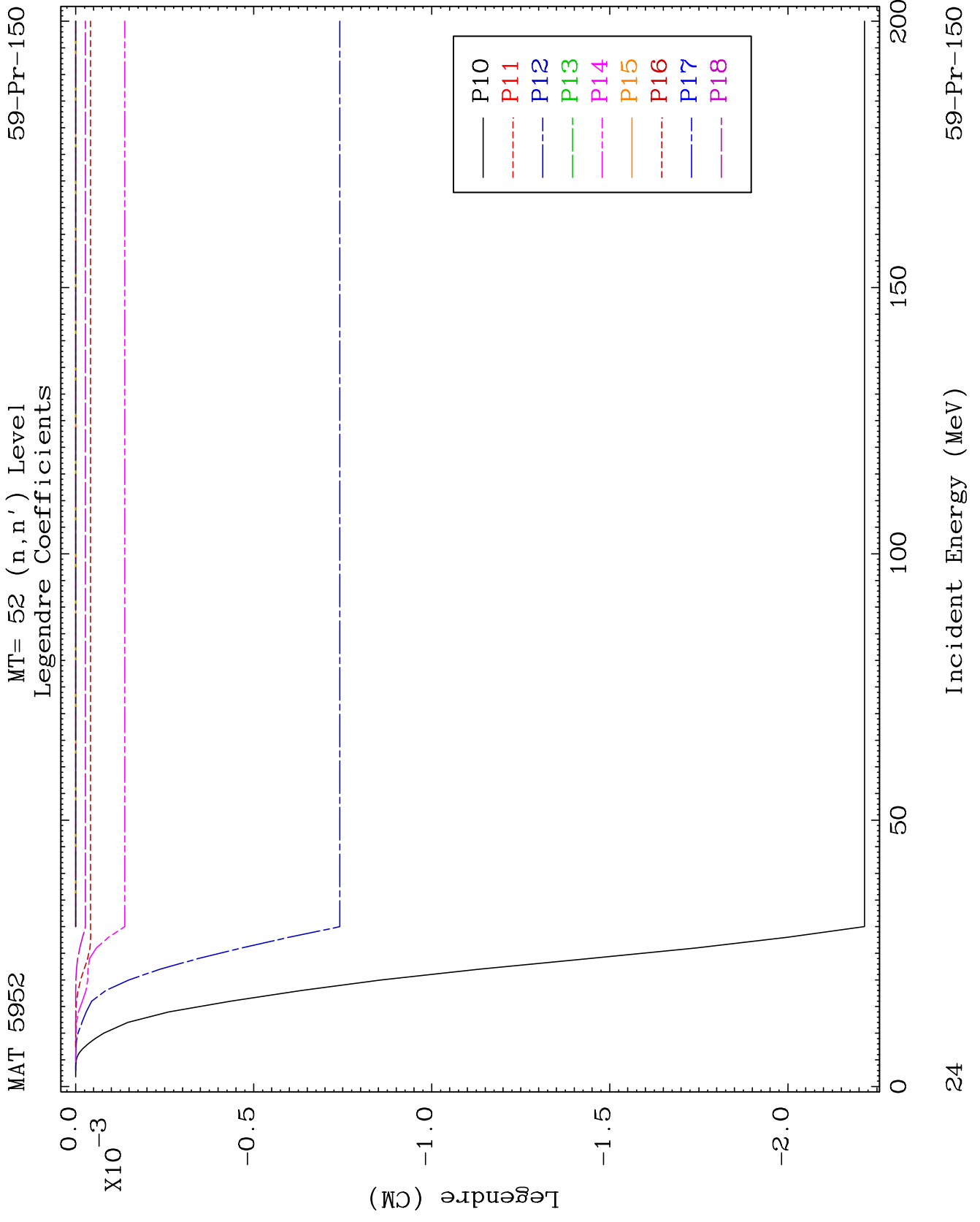
21

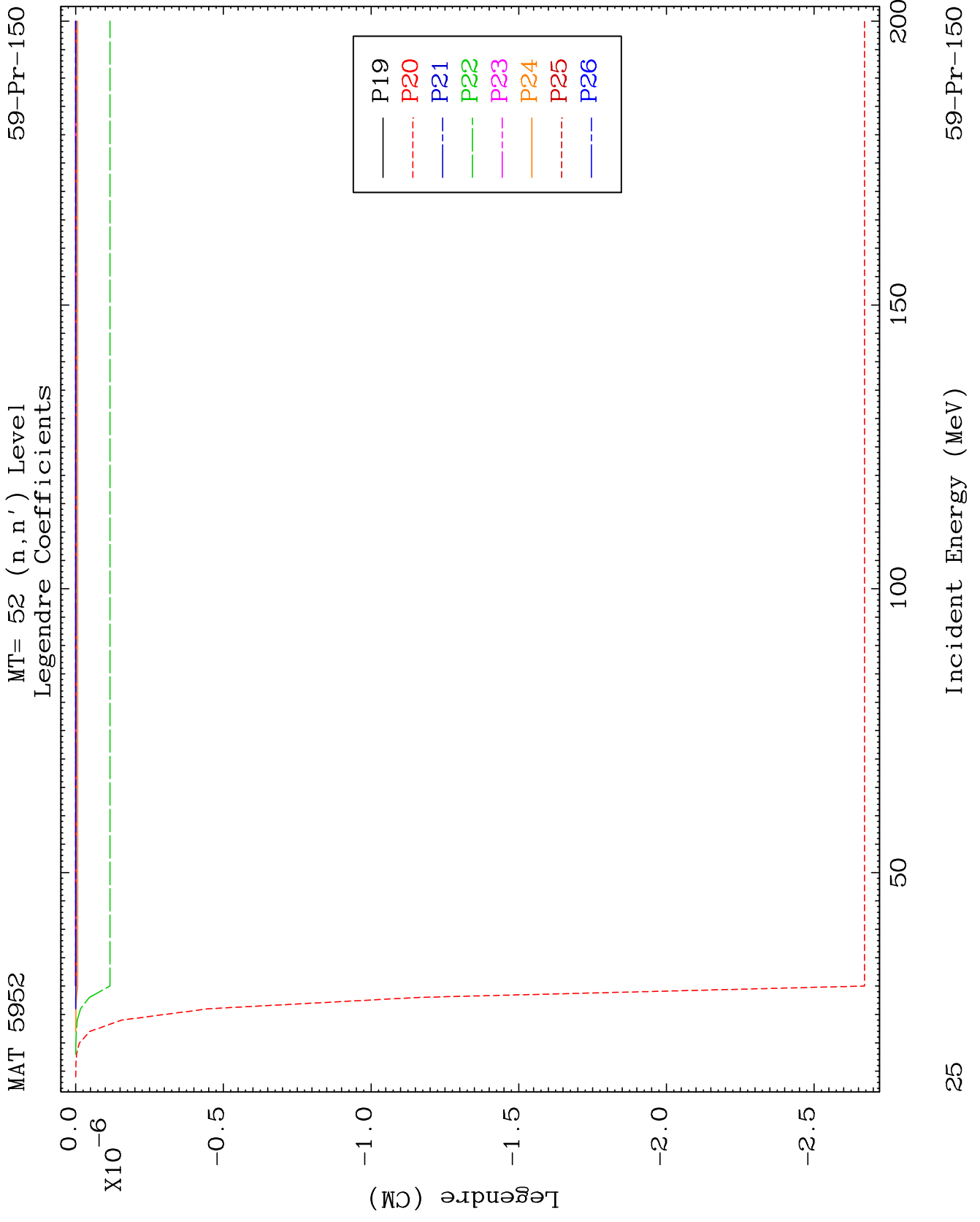
Incident Energy (MeV)

59-Pr-150





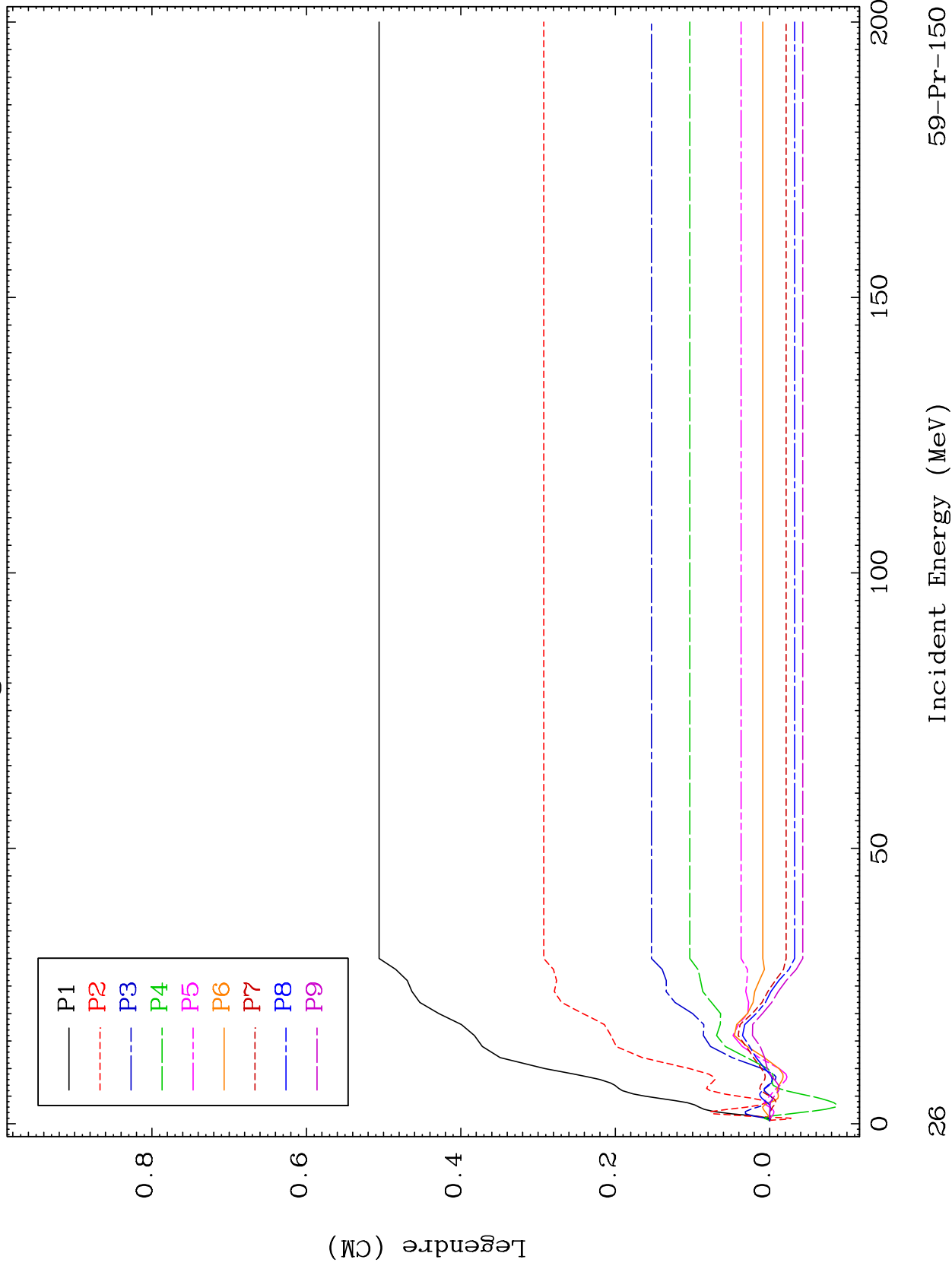




MAT 5952

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

59-Pr-150



26

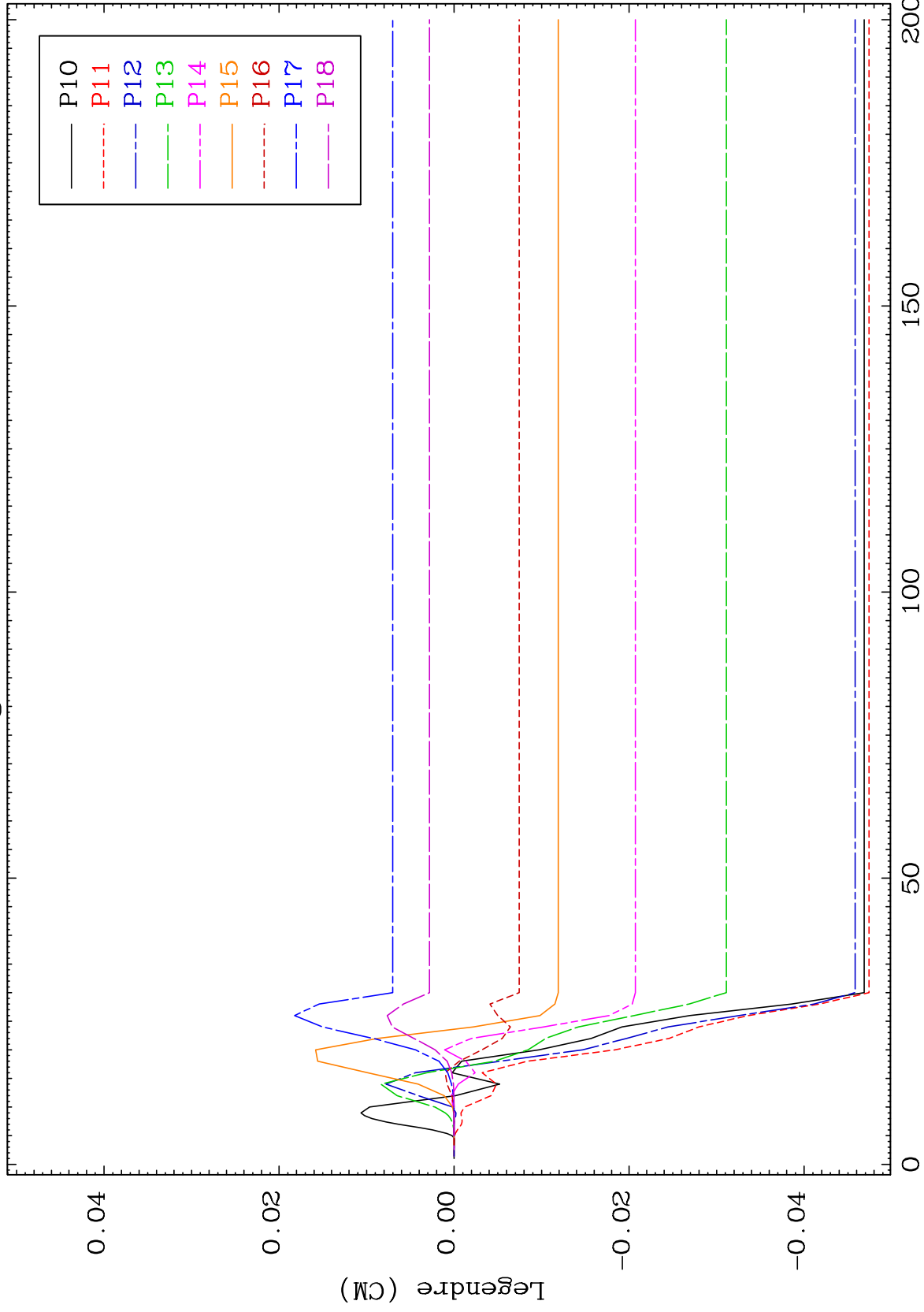
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



27

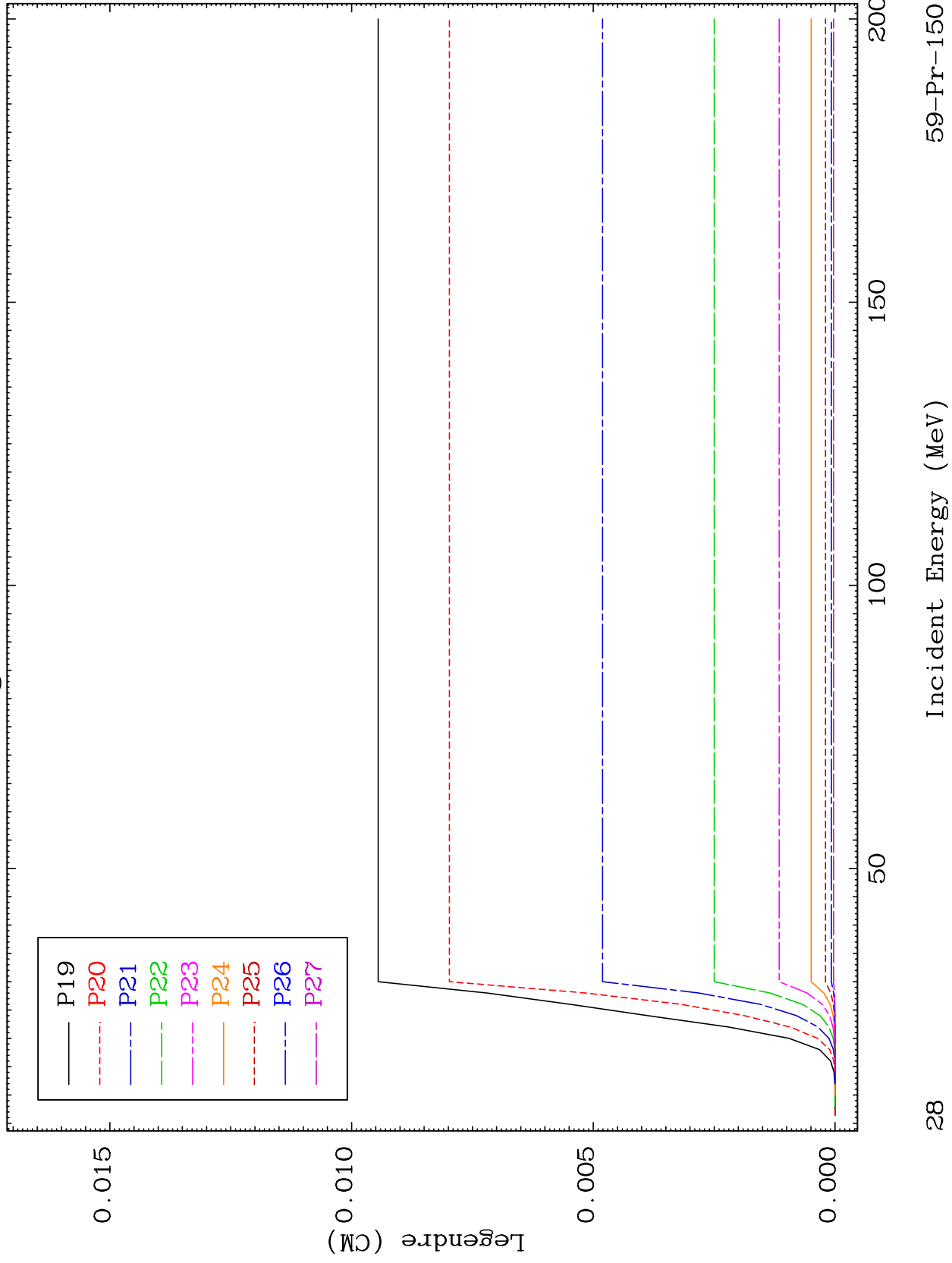
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



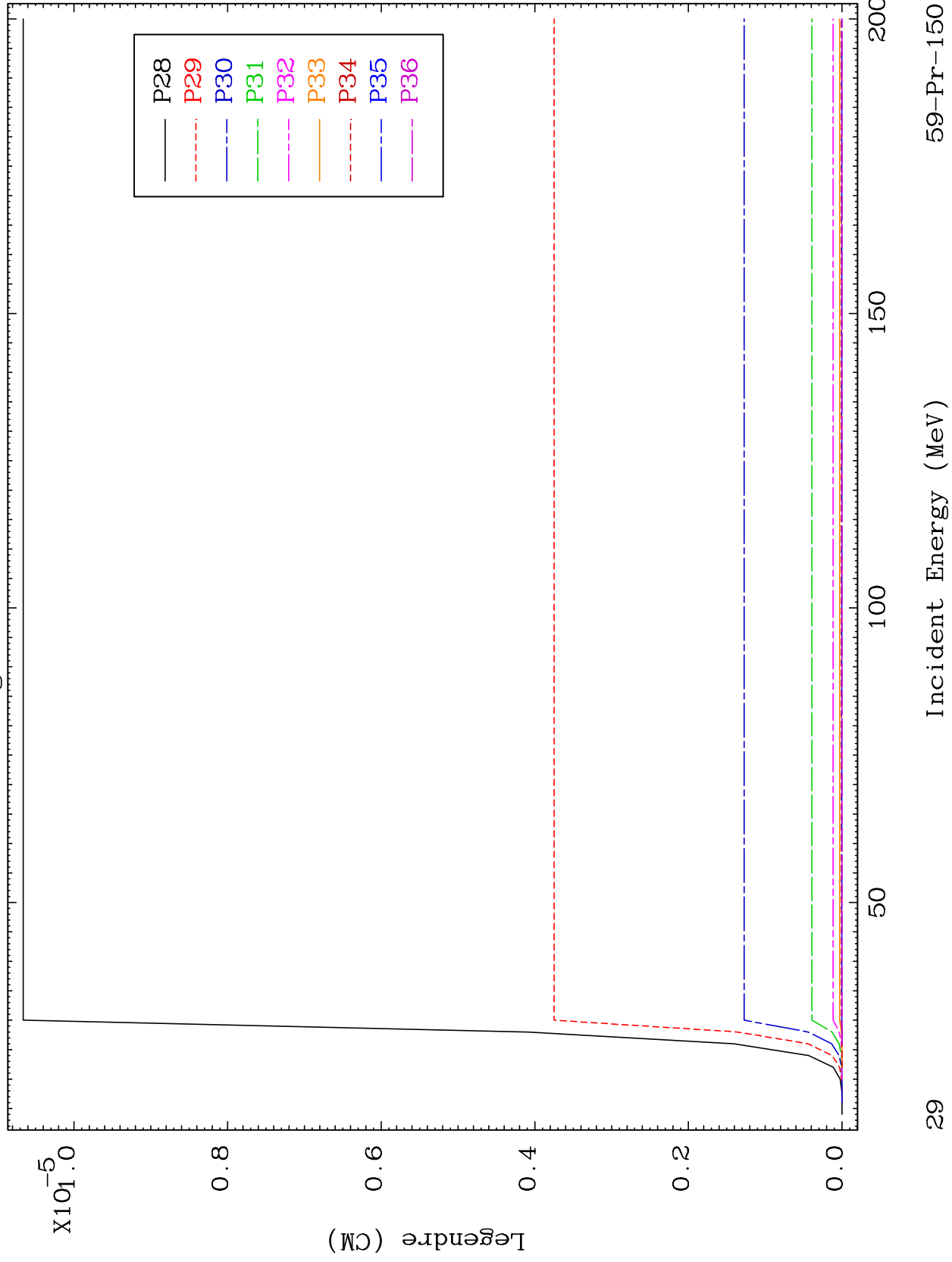
28

59-Pr-150

MAT 5952

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

59-Pr-150



29

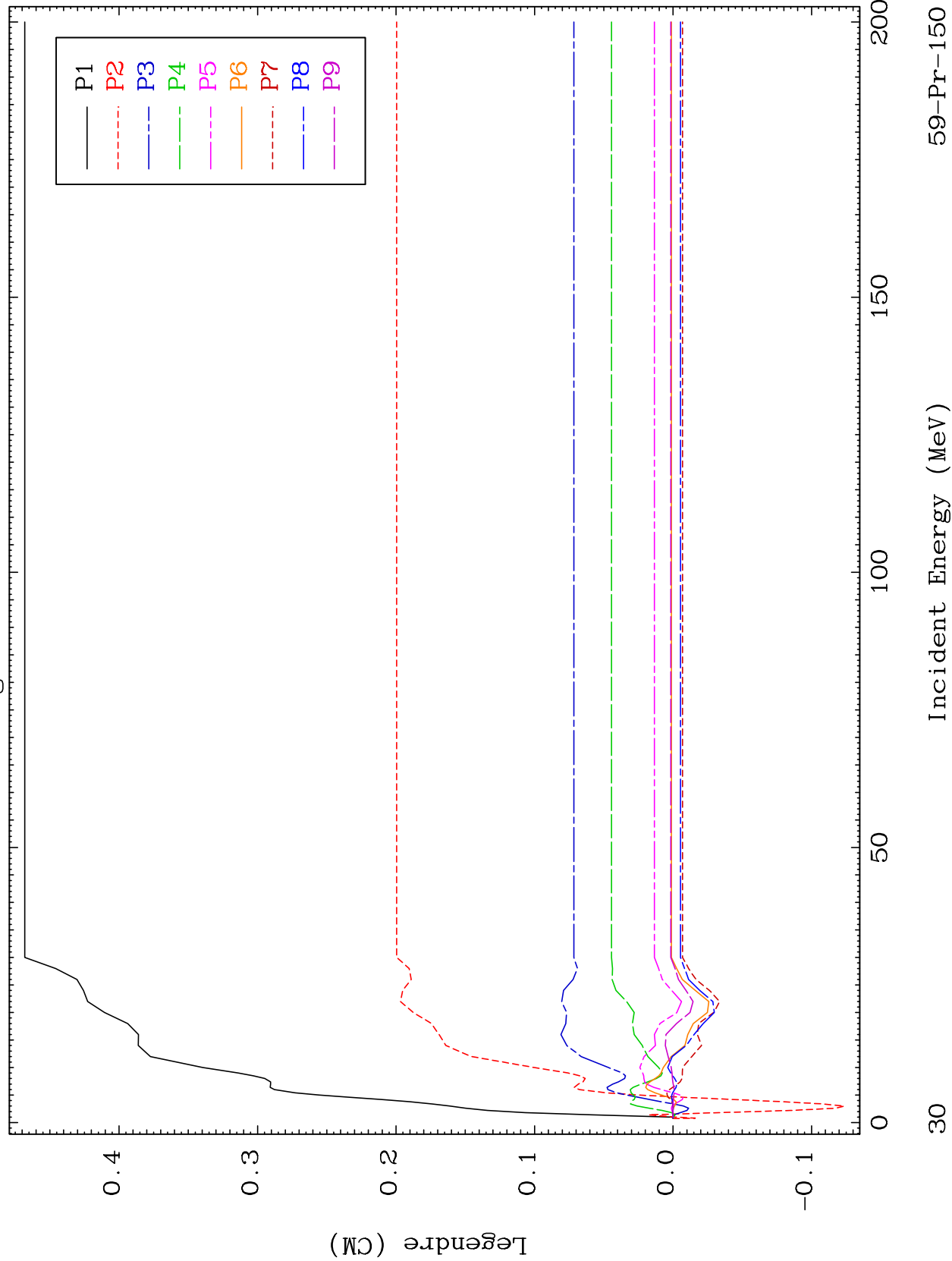
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150

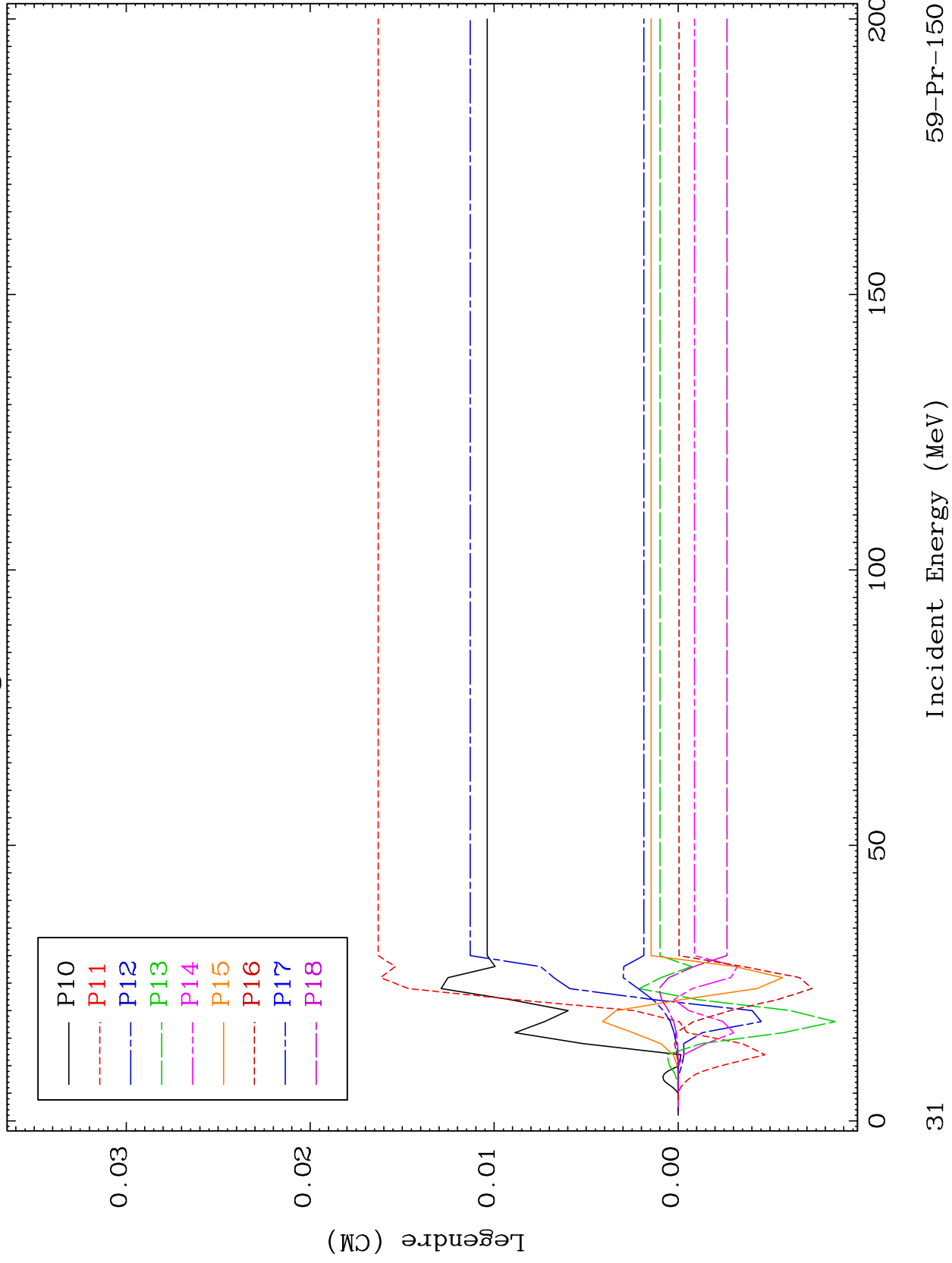


59-Pr-150

MAT 5952

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

59-Pr-150



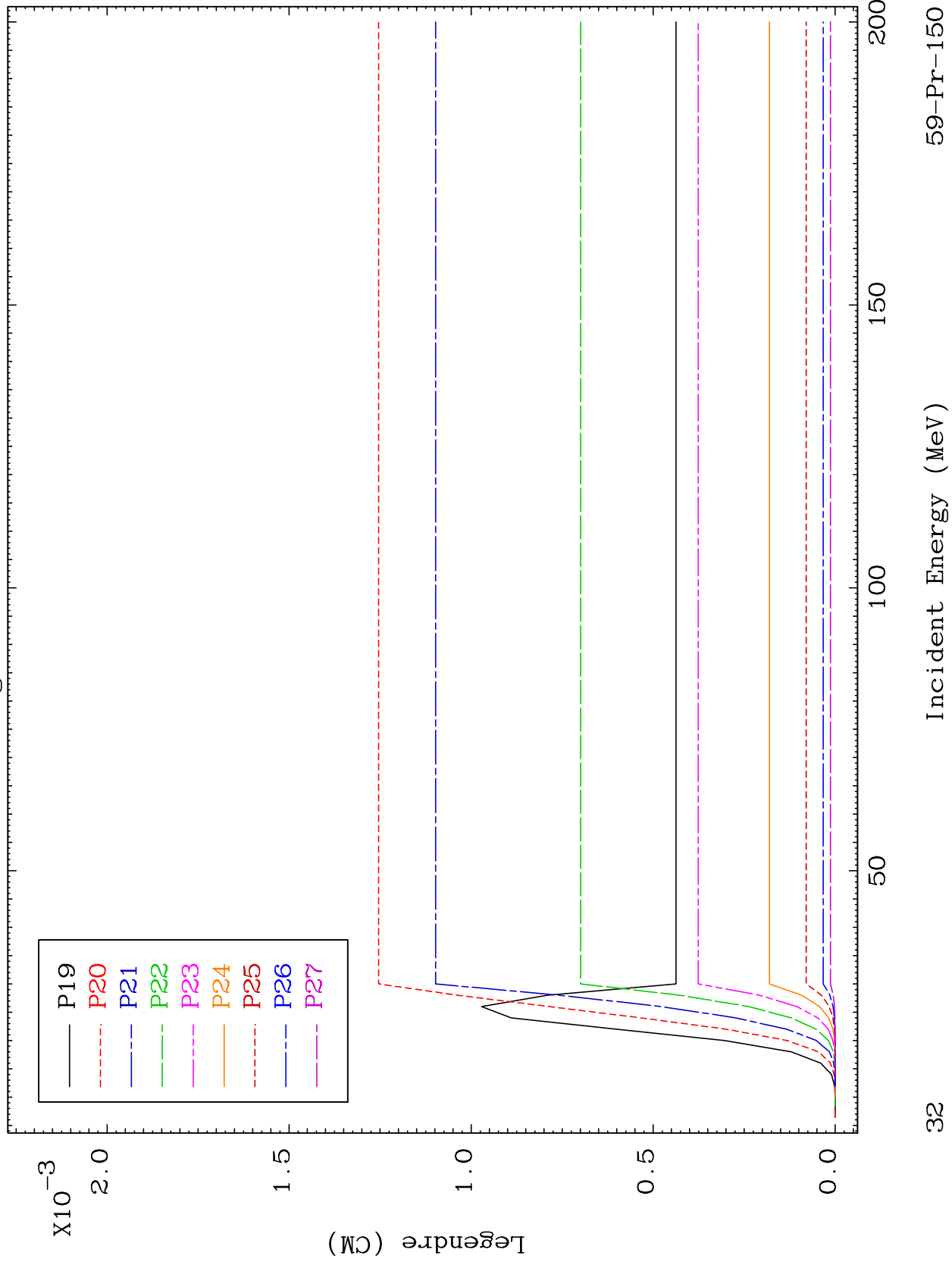
31

59-Pr-150

MAT 5952

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

59-Pr-150

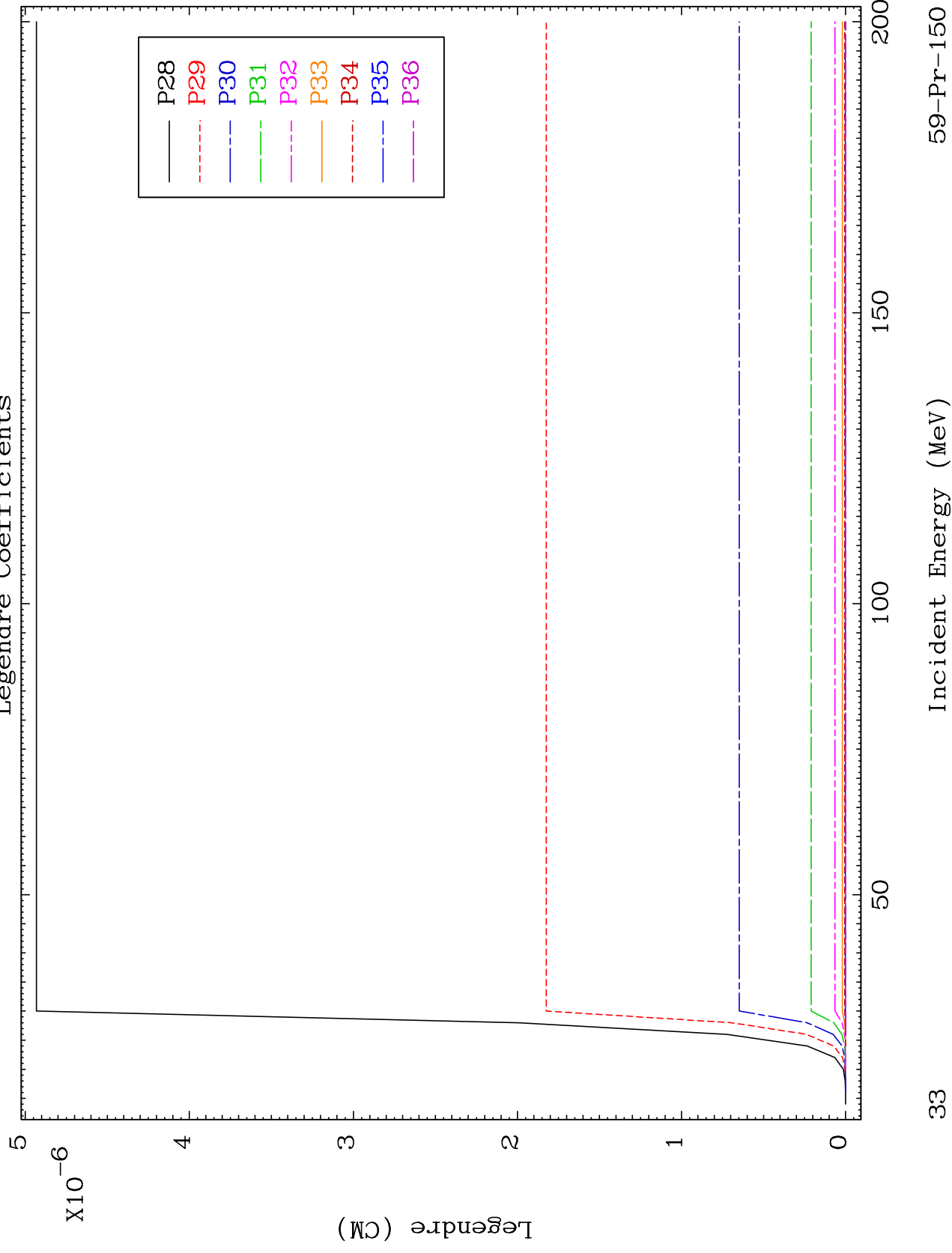


32

MAT 5952

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

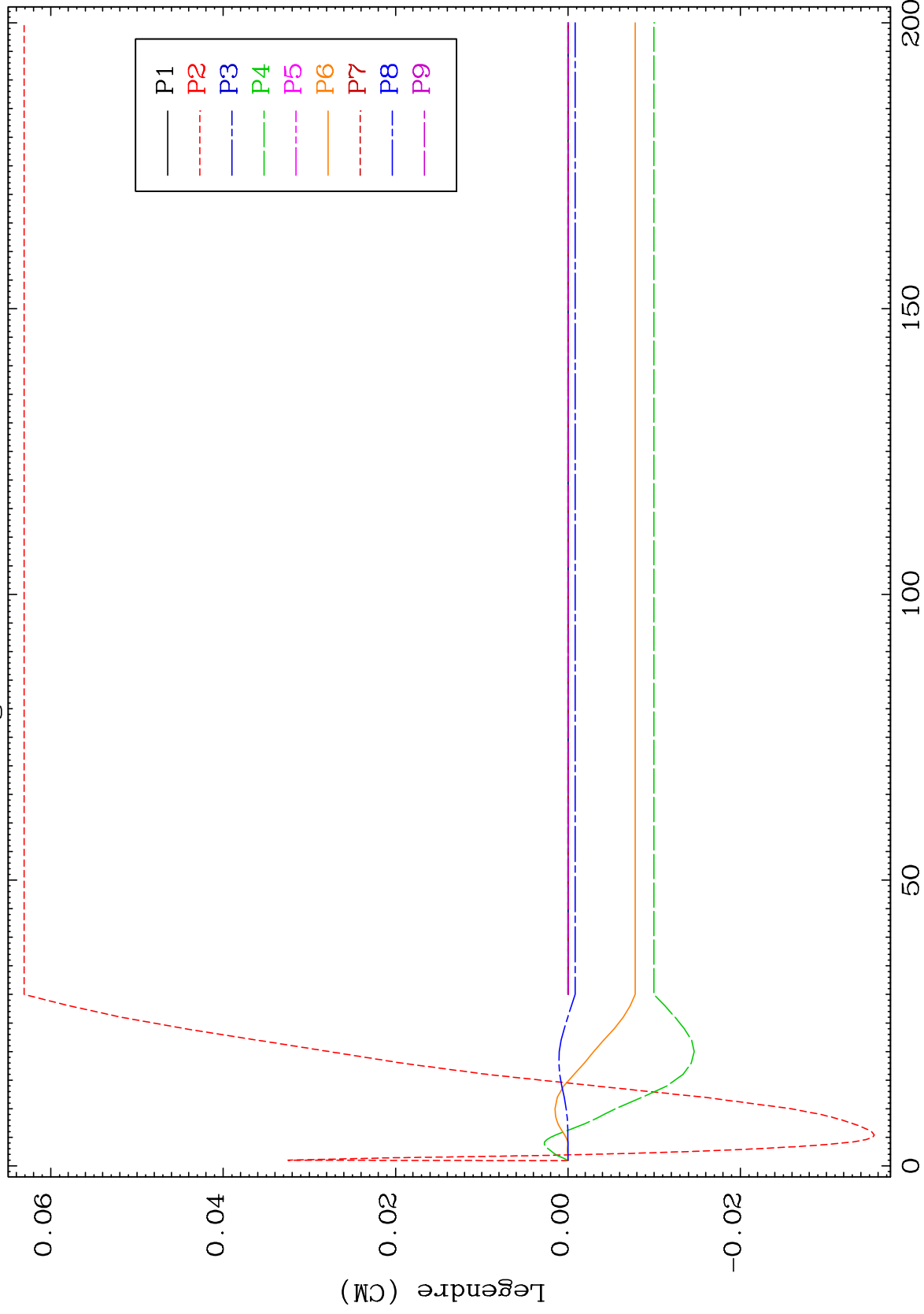
59-Pr-150



MAT 5952

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

59-Pr-150



34

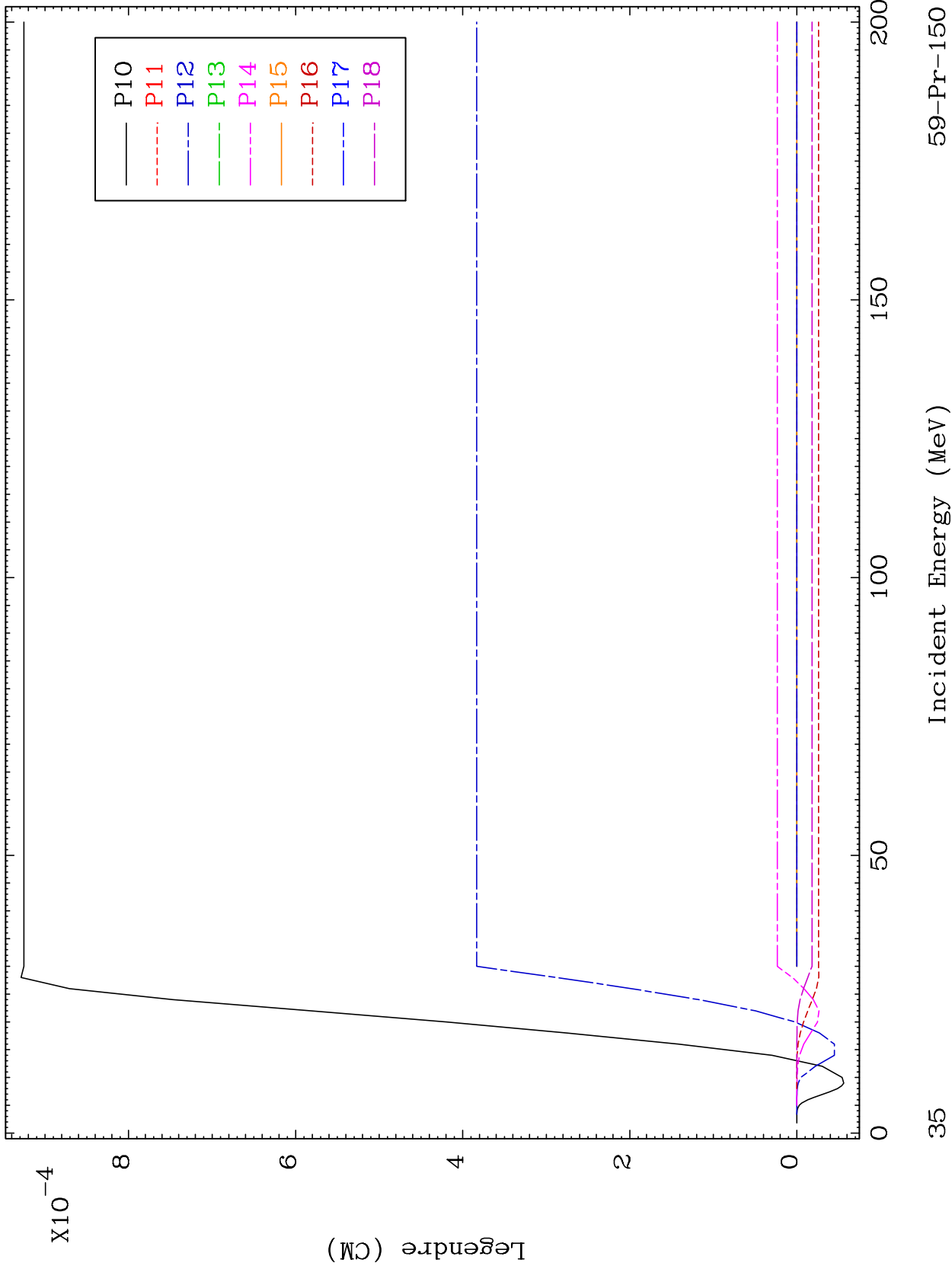
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

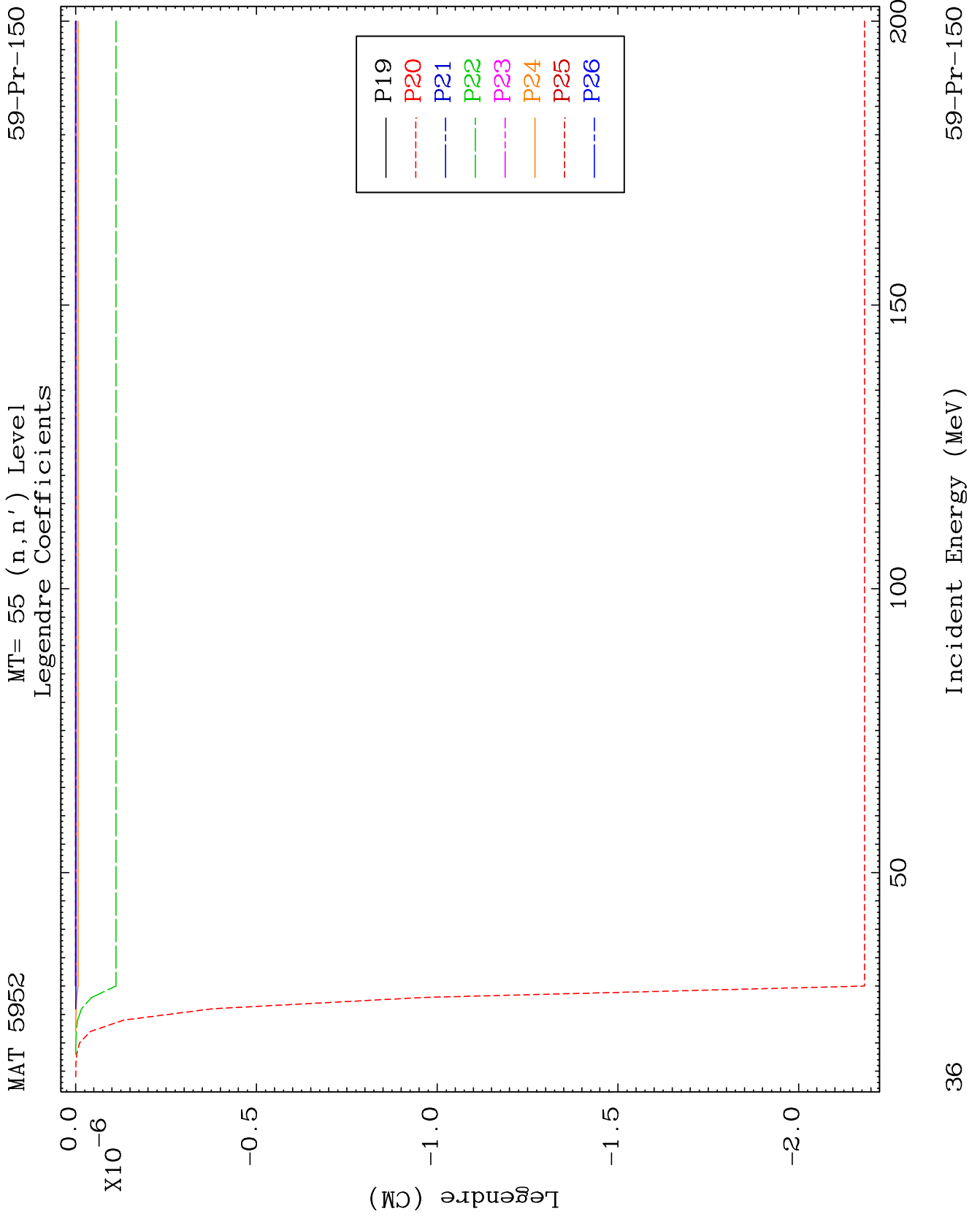
59-Pr-150



59-Pr-150

Incident Energy (MeV)

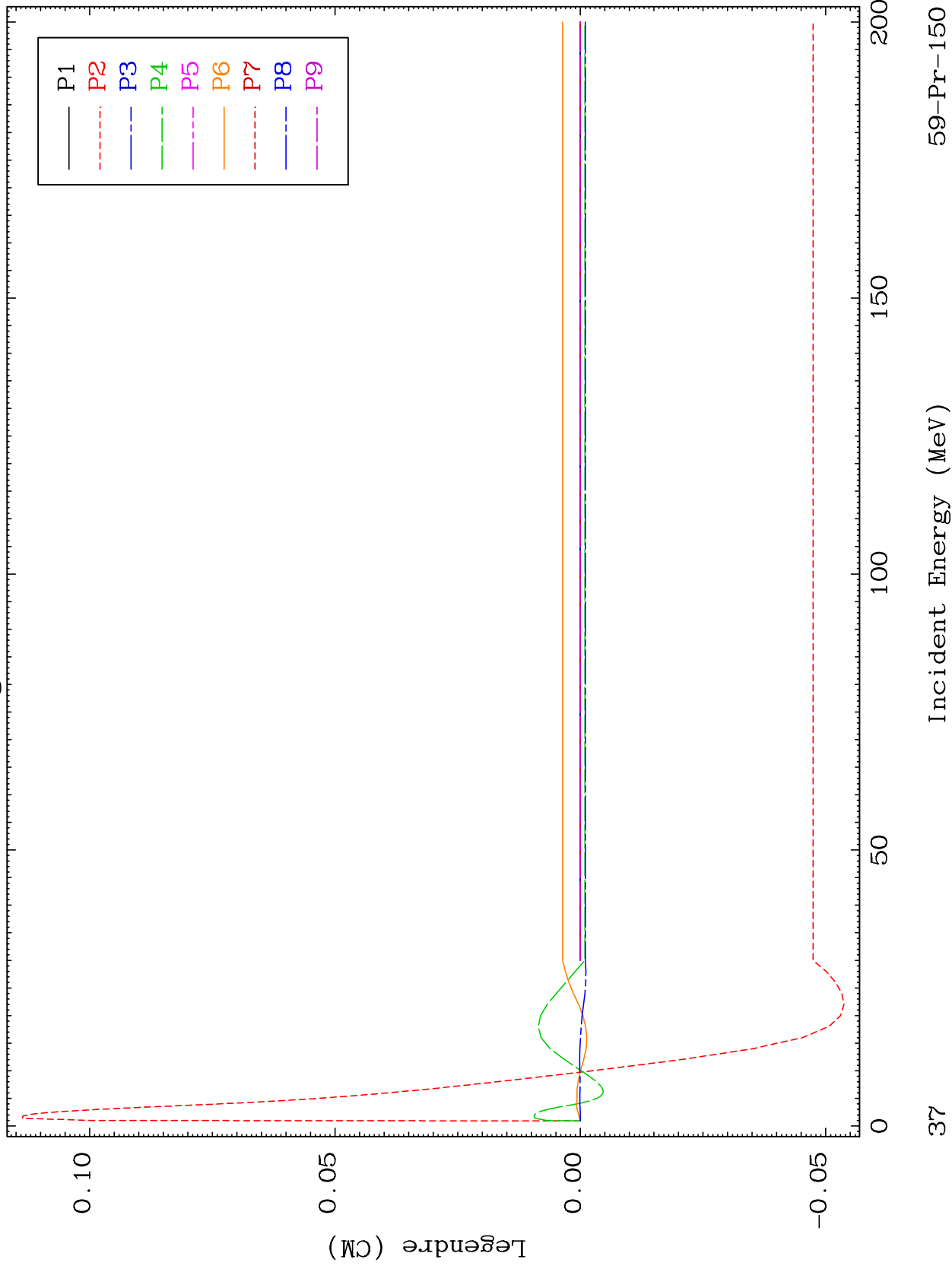
35



MAT 5952

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

59-Pr-150



37

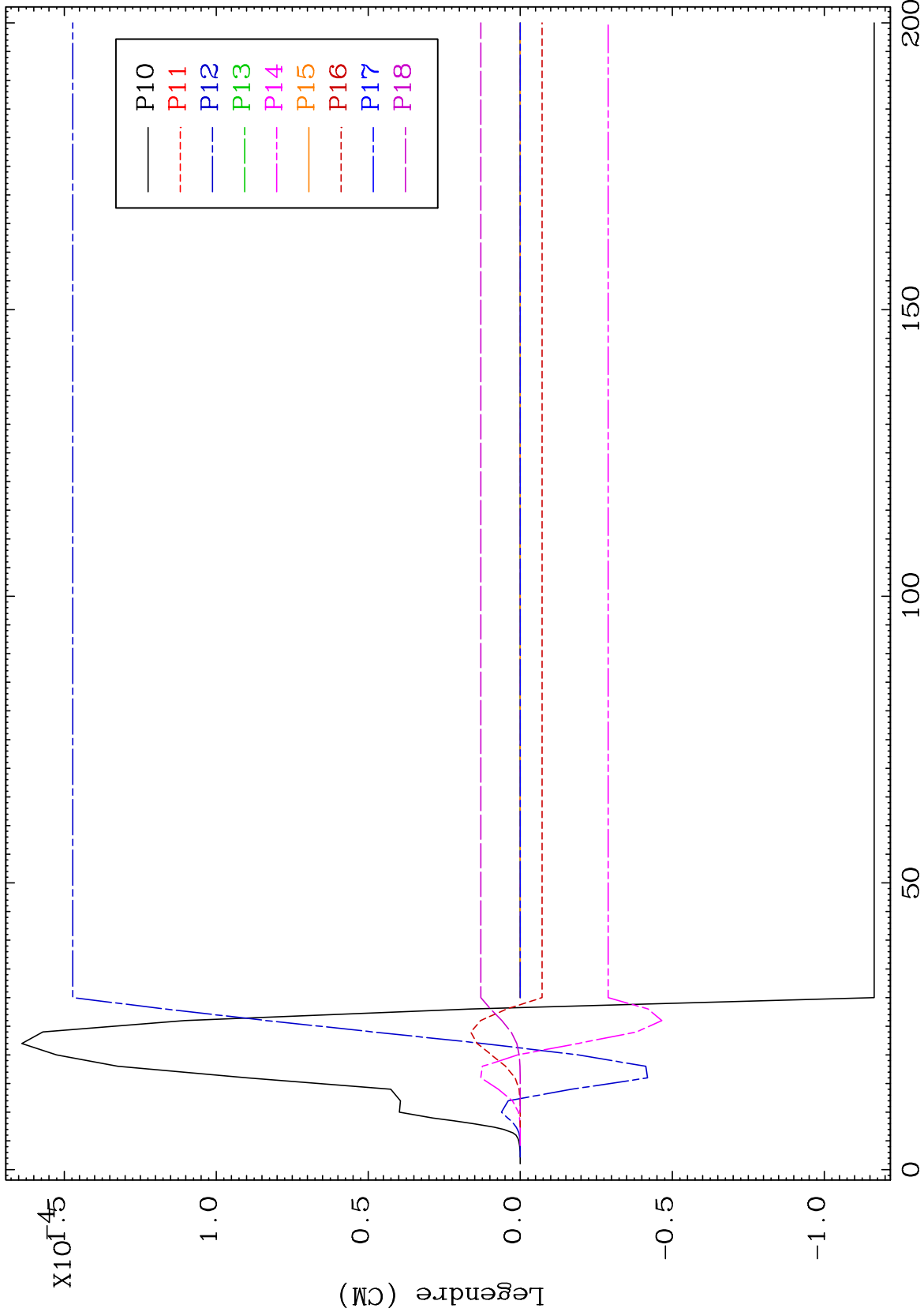
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

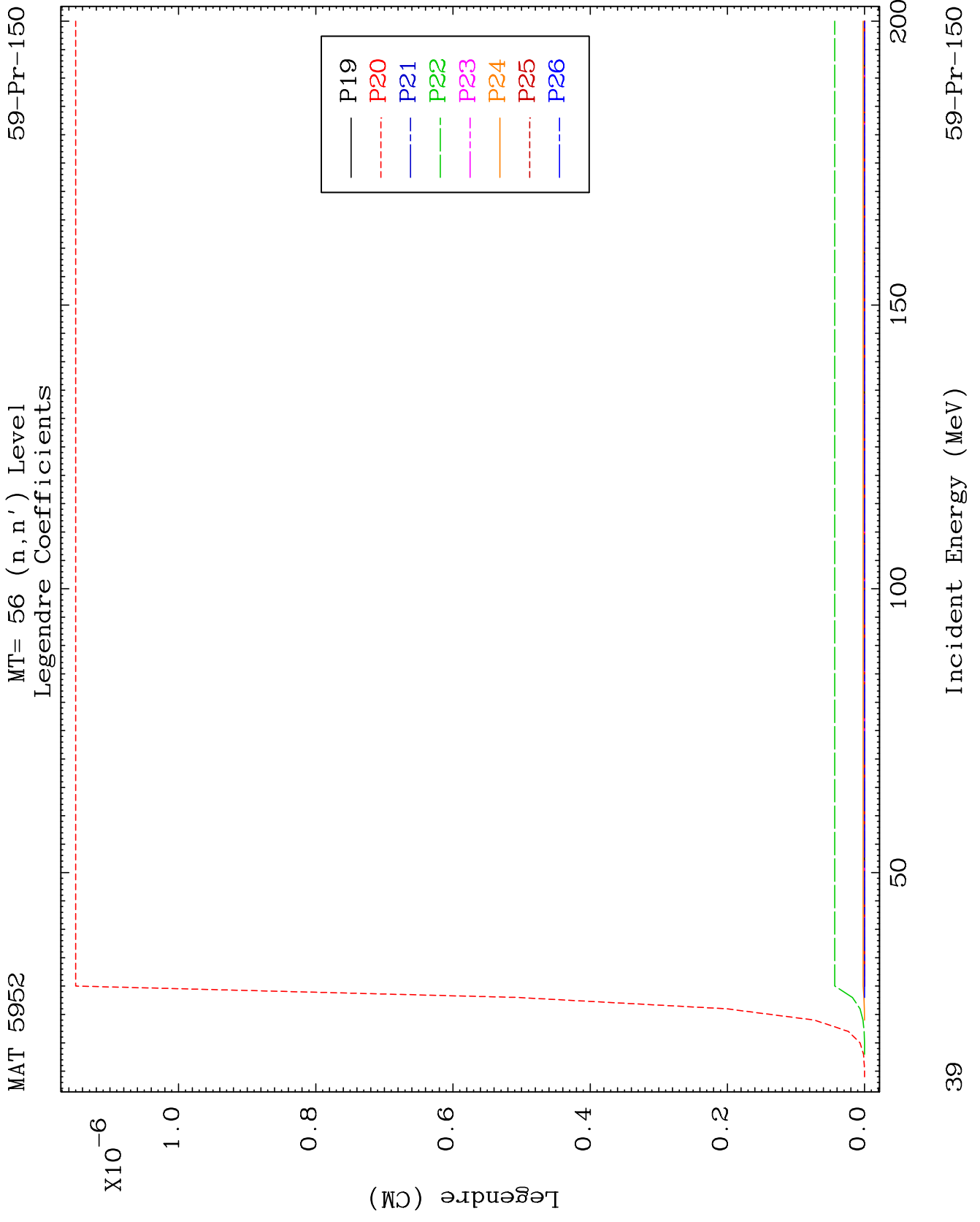
59-Pr-150



38

Incident Energy (MeV)

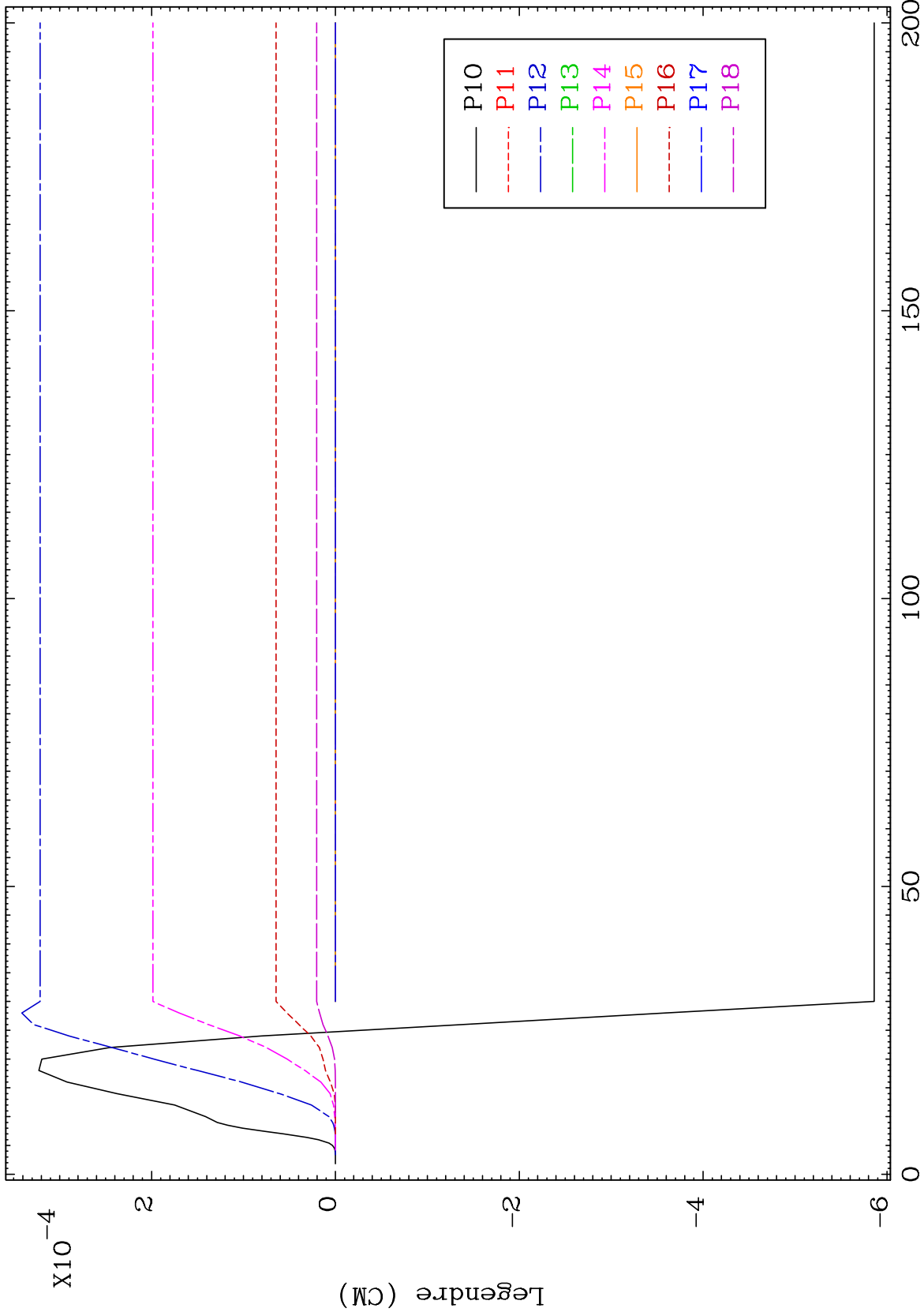
59-Pr-150



MAT 5952

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

59-Pr-150



41

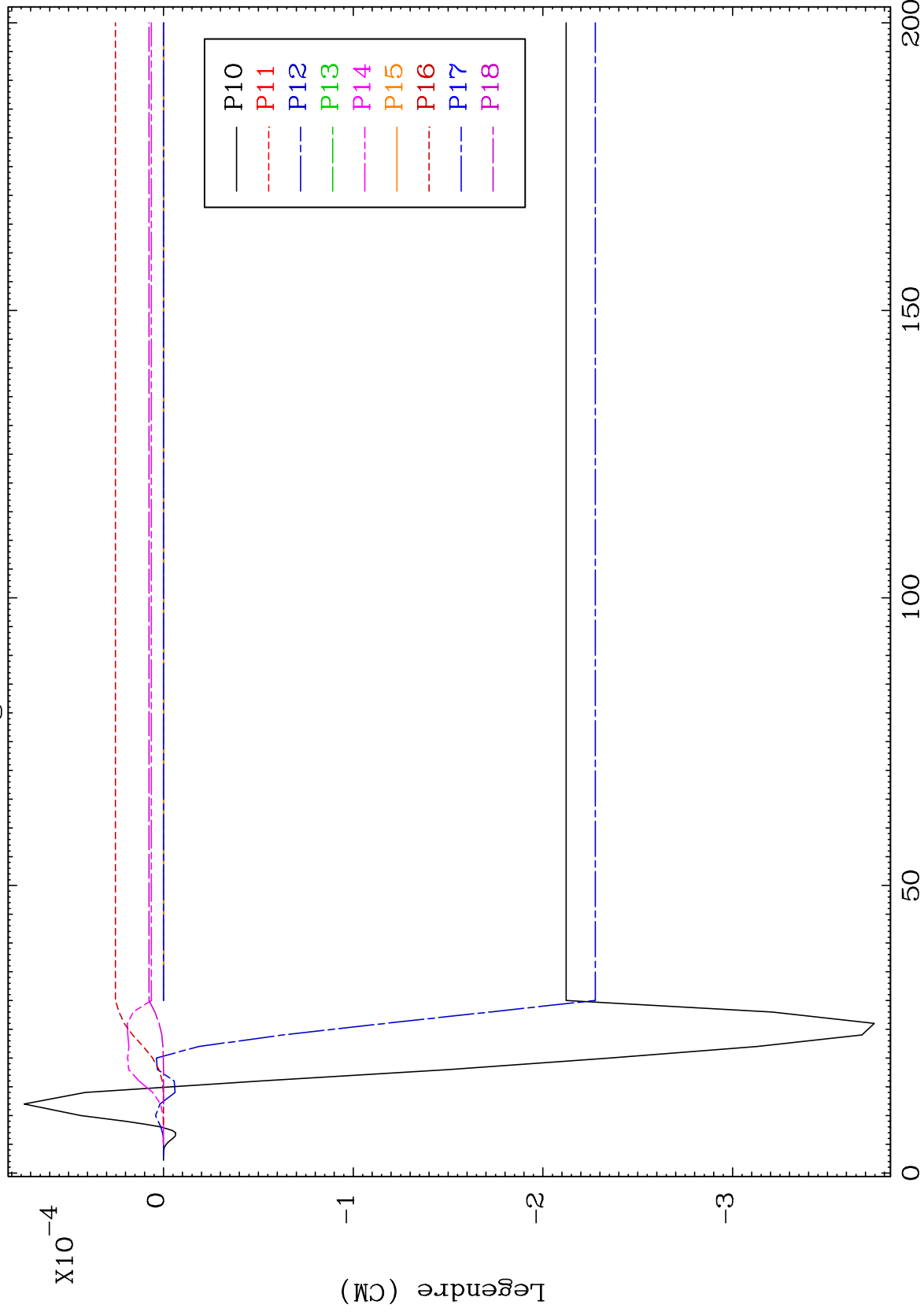
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

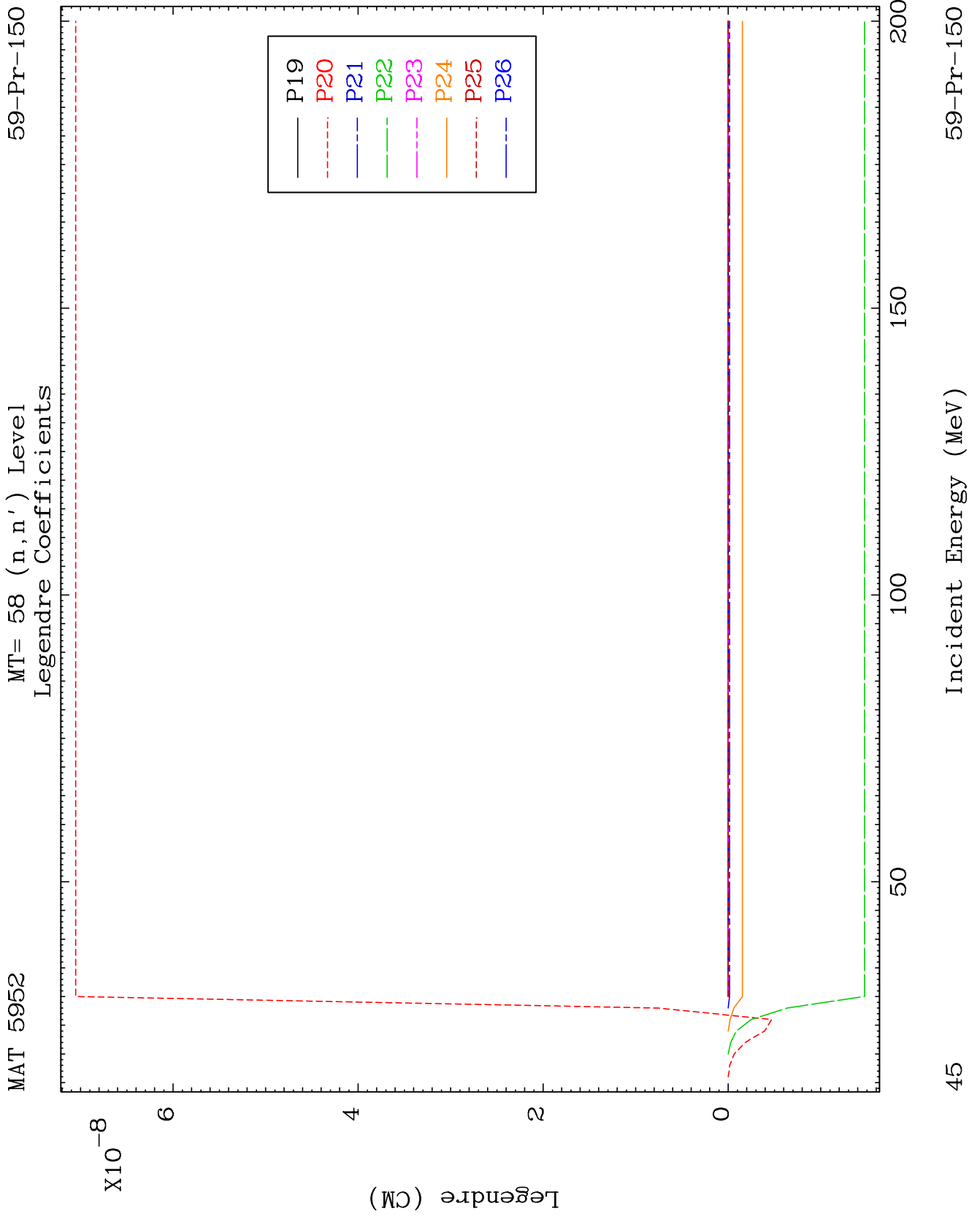
59-Pr-150



44

Incident Energy (MeV)

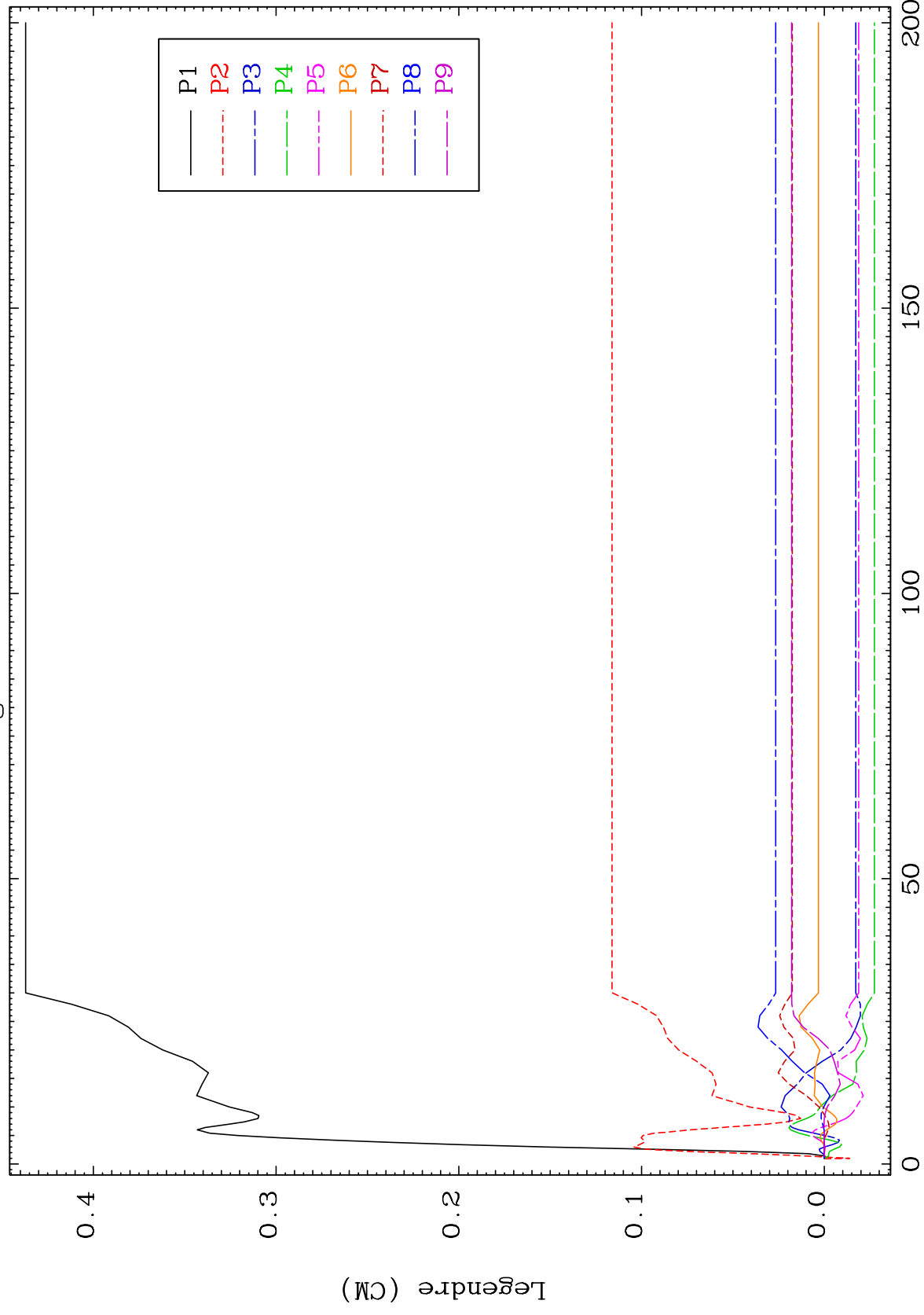
59-Pr-150



MAT 5952

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

59-Pr-150



46

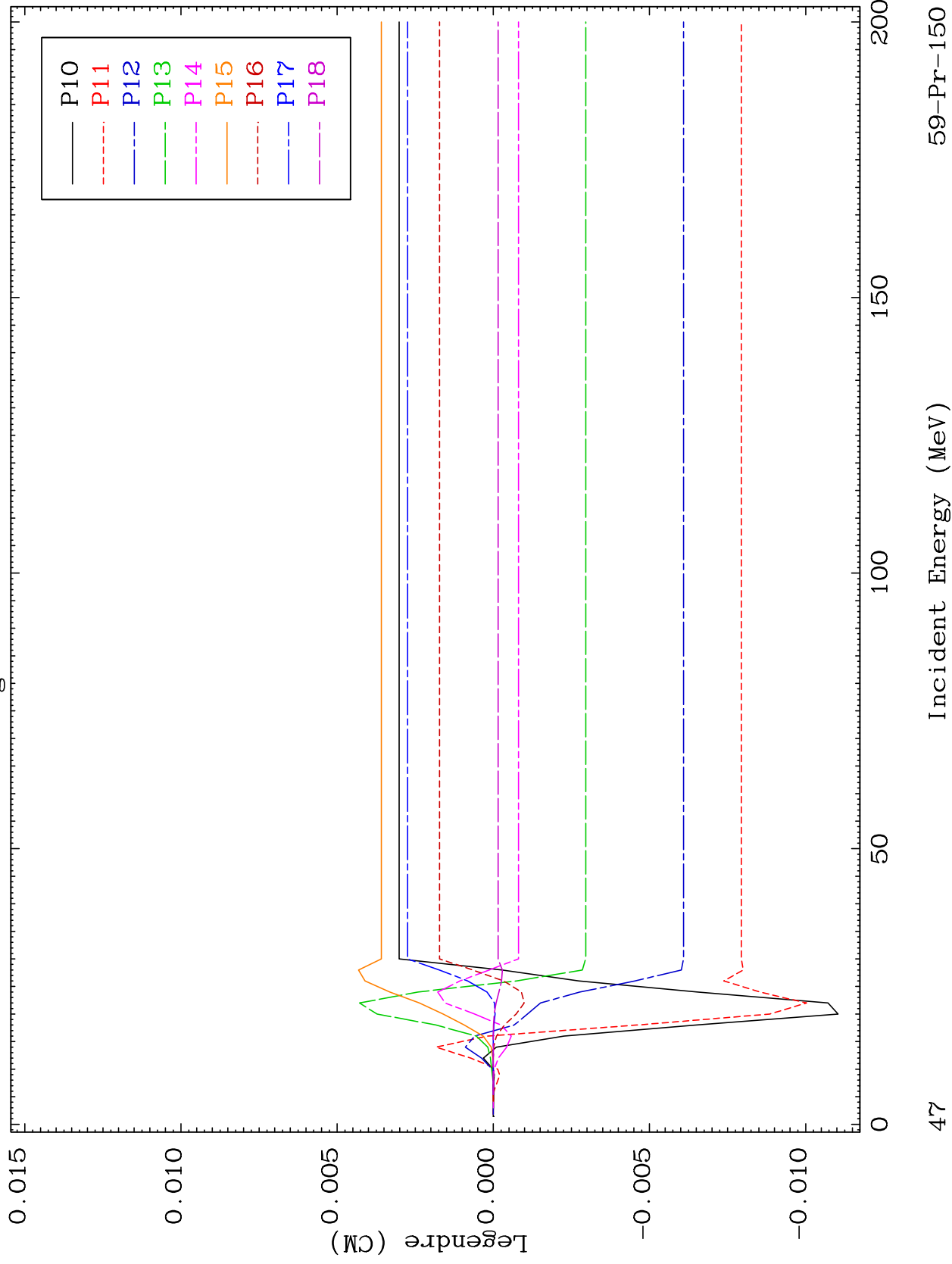
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

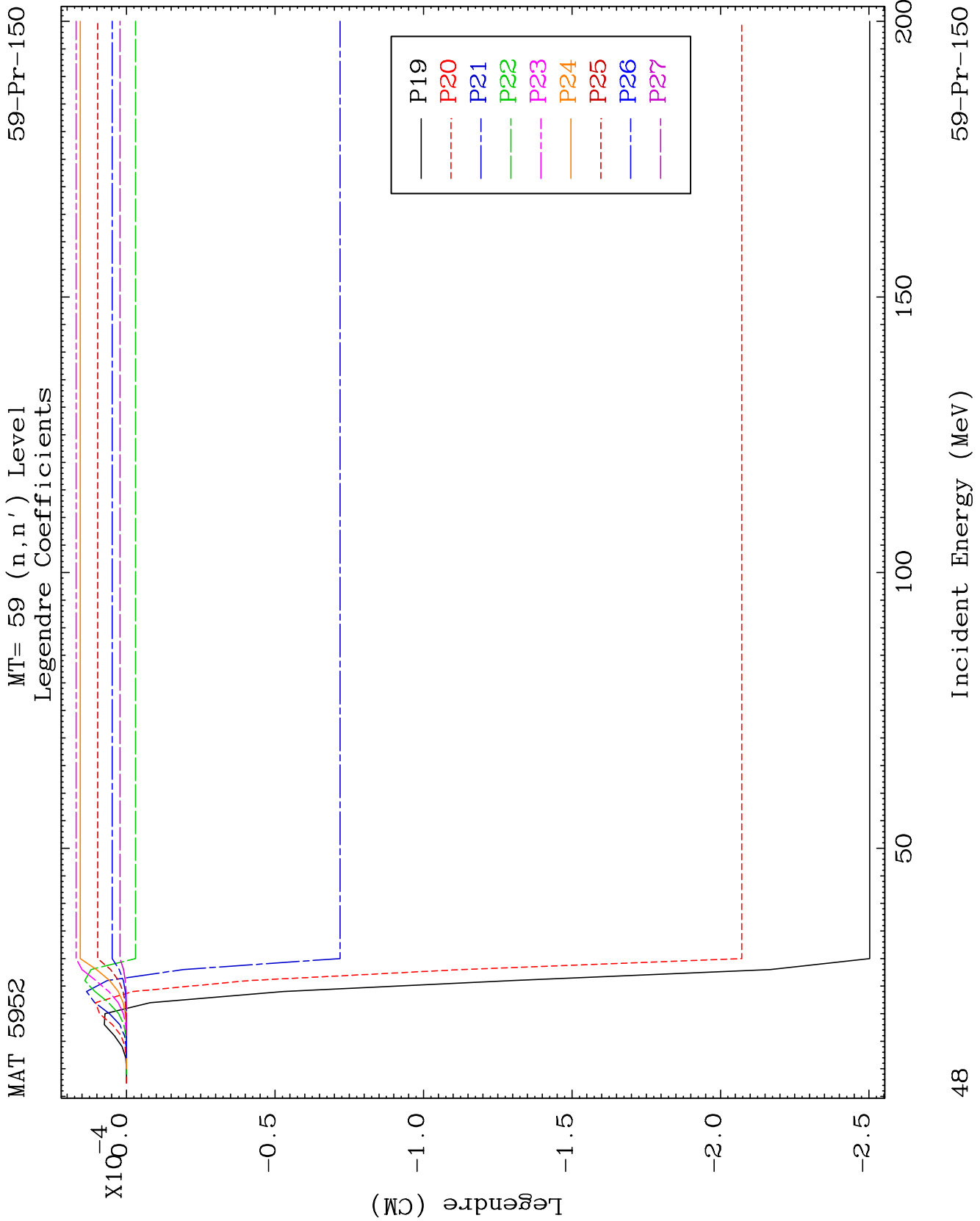
59-Pr-150



47

Incident Energy (MeV)

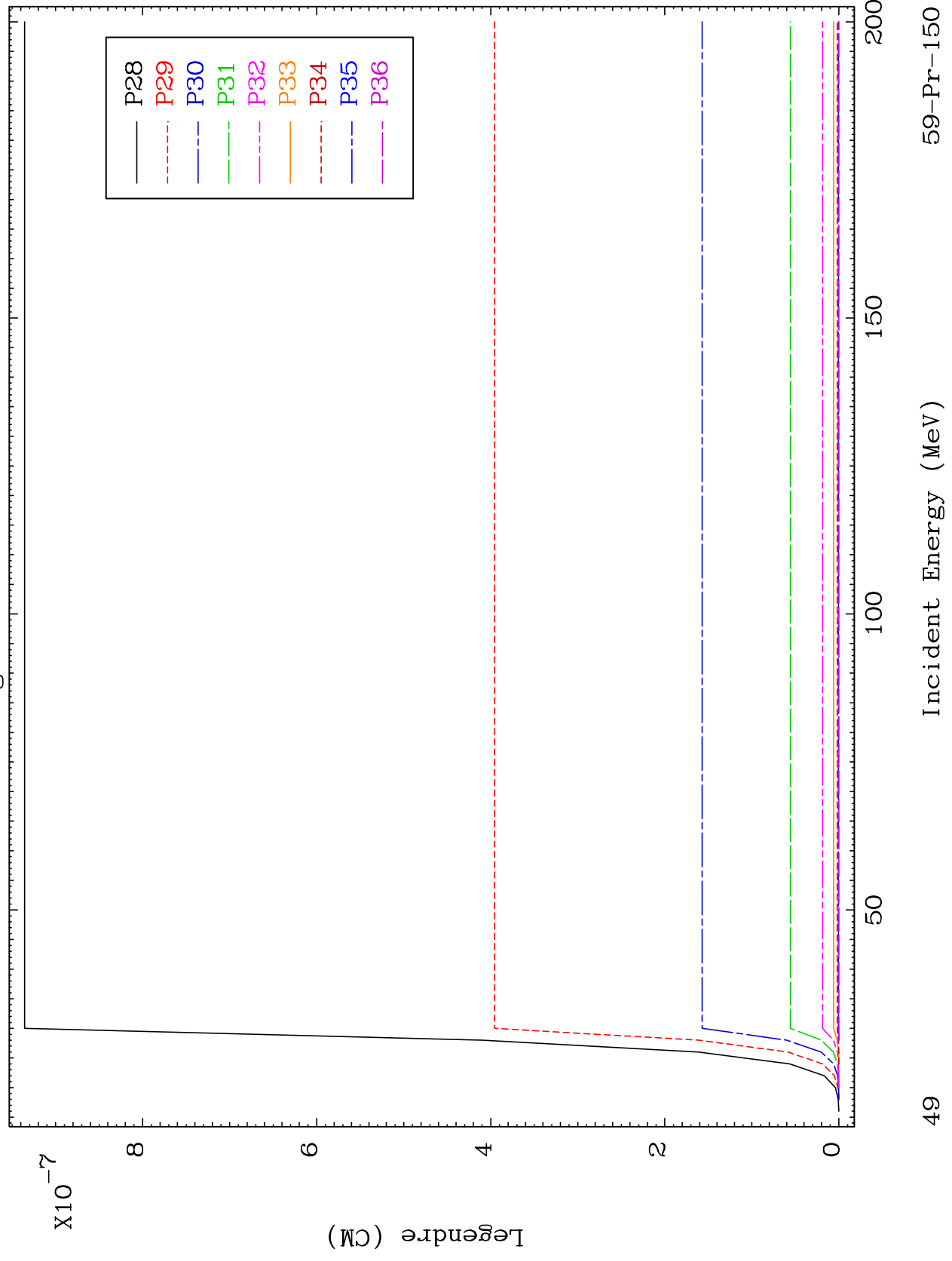
59-Pr-150



MAT 5952

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

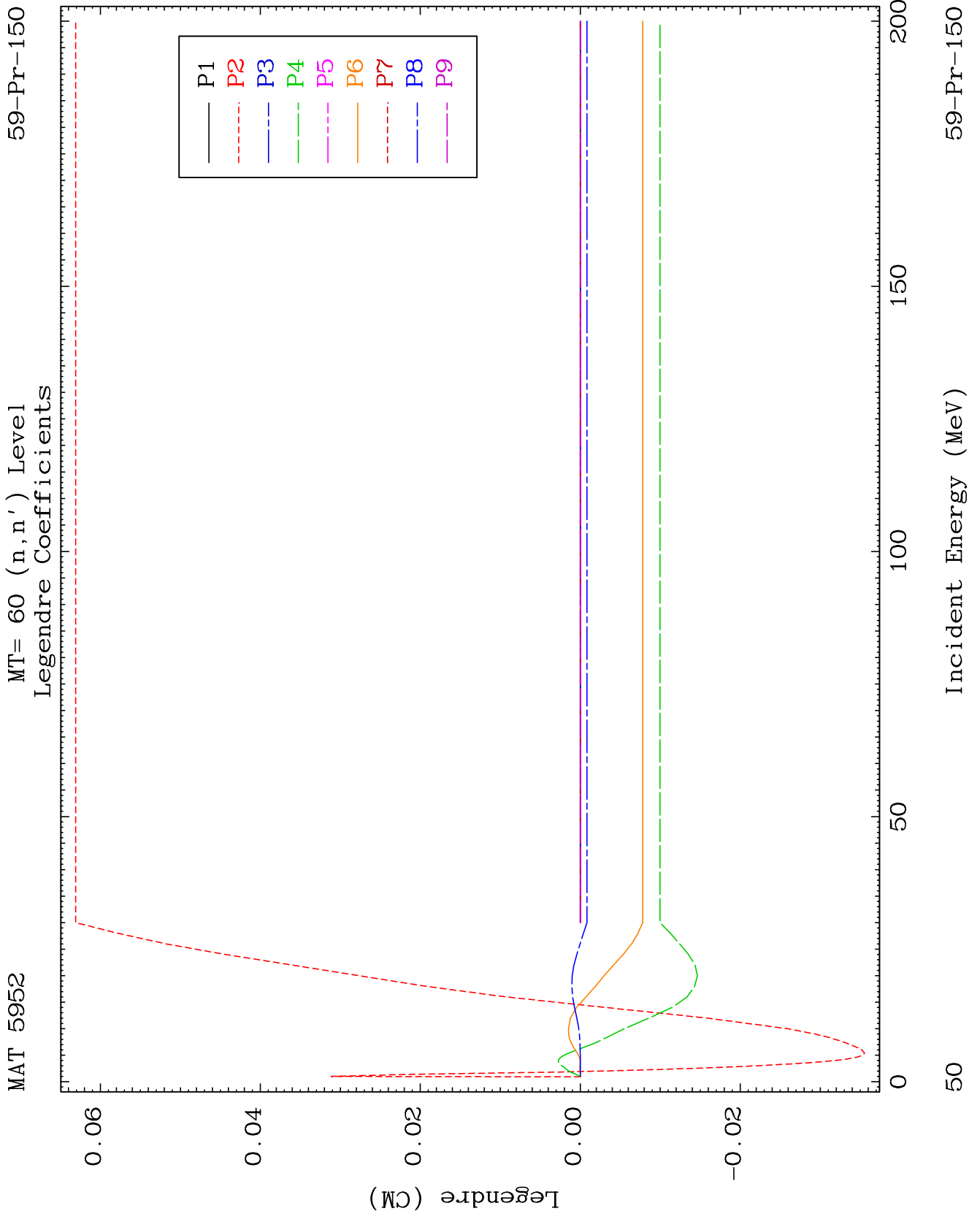
59-Pr-150



49

Incident Energy (MeV)

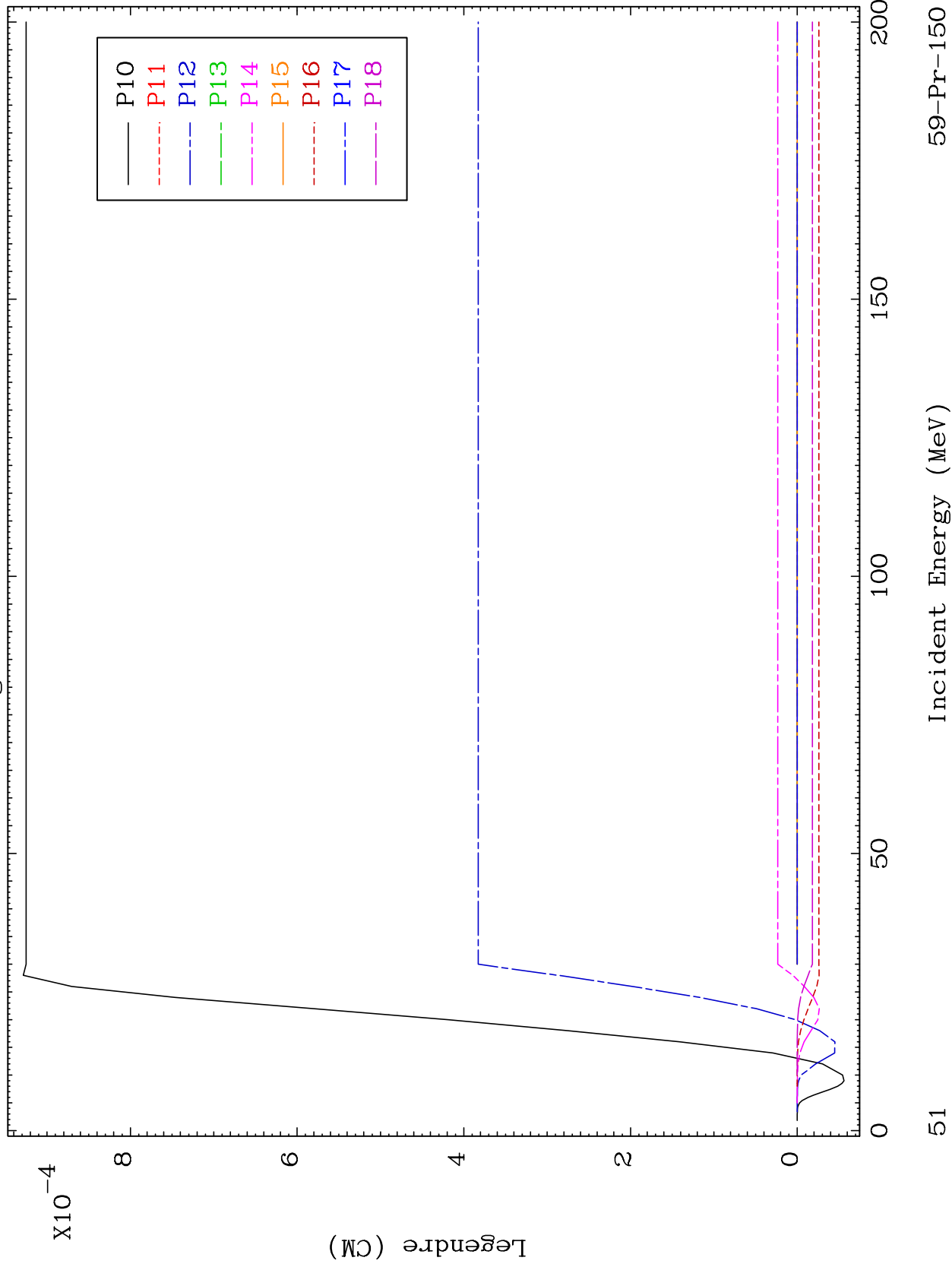
59-Pr-150

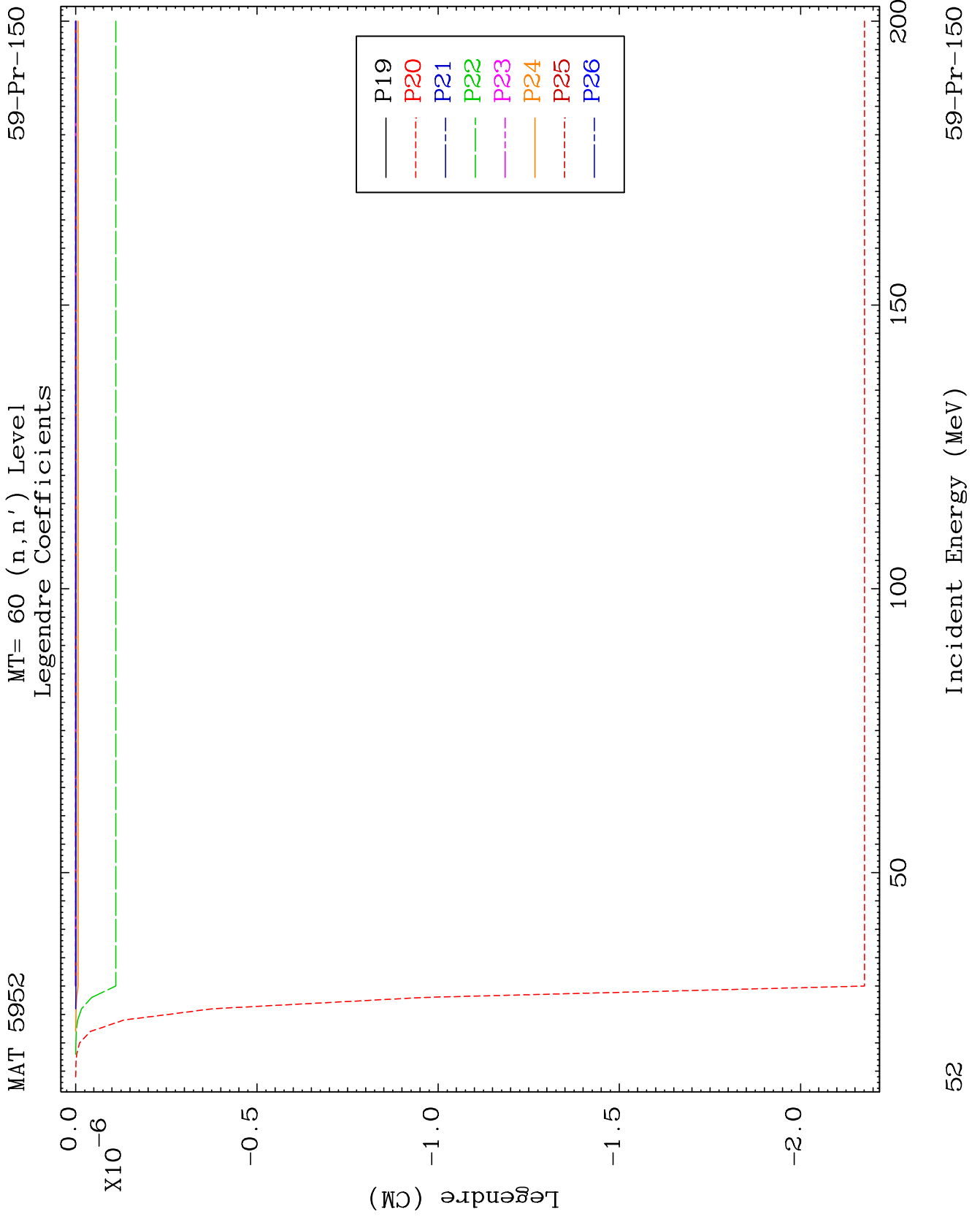


MAT 5952

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

59-Pr-150

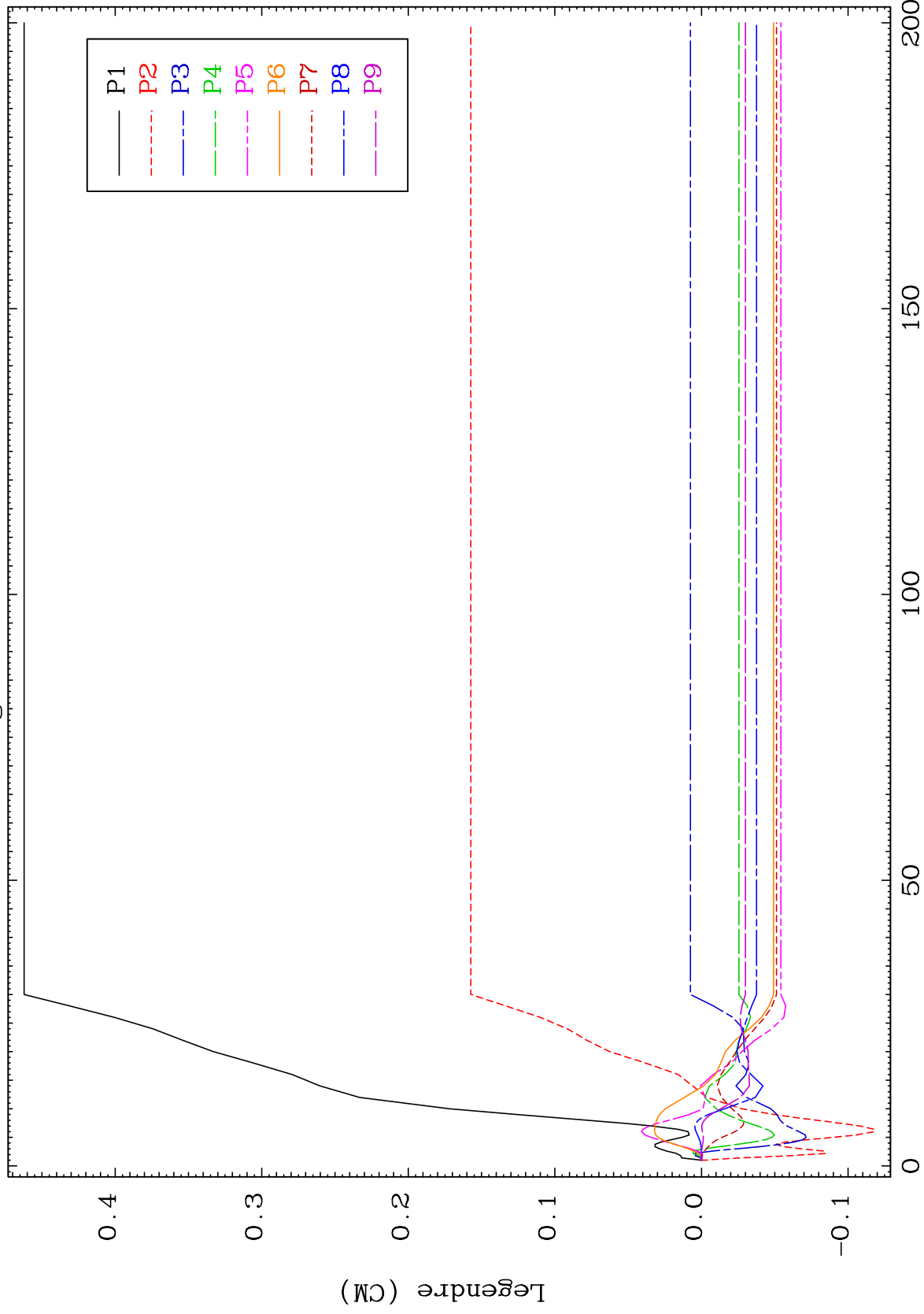




MAT 5952

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

59-Pr-150



59-Pr-150

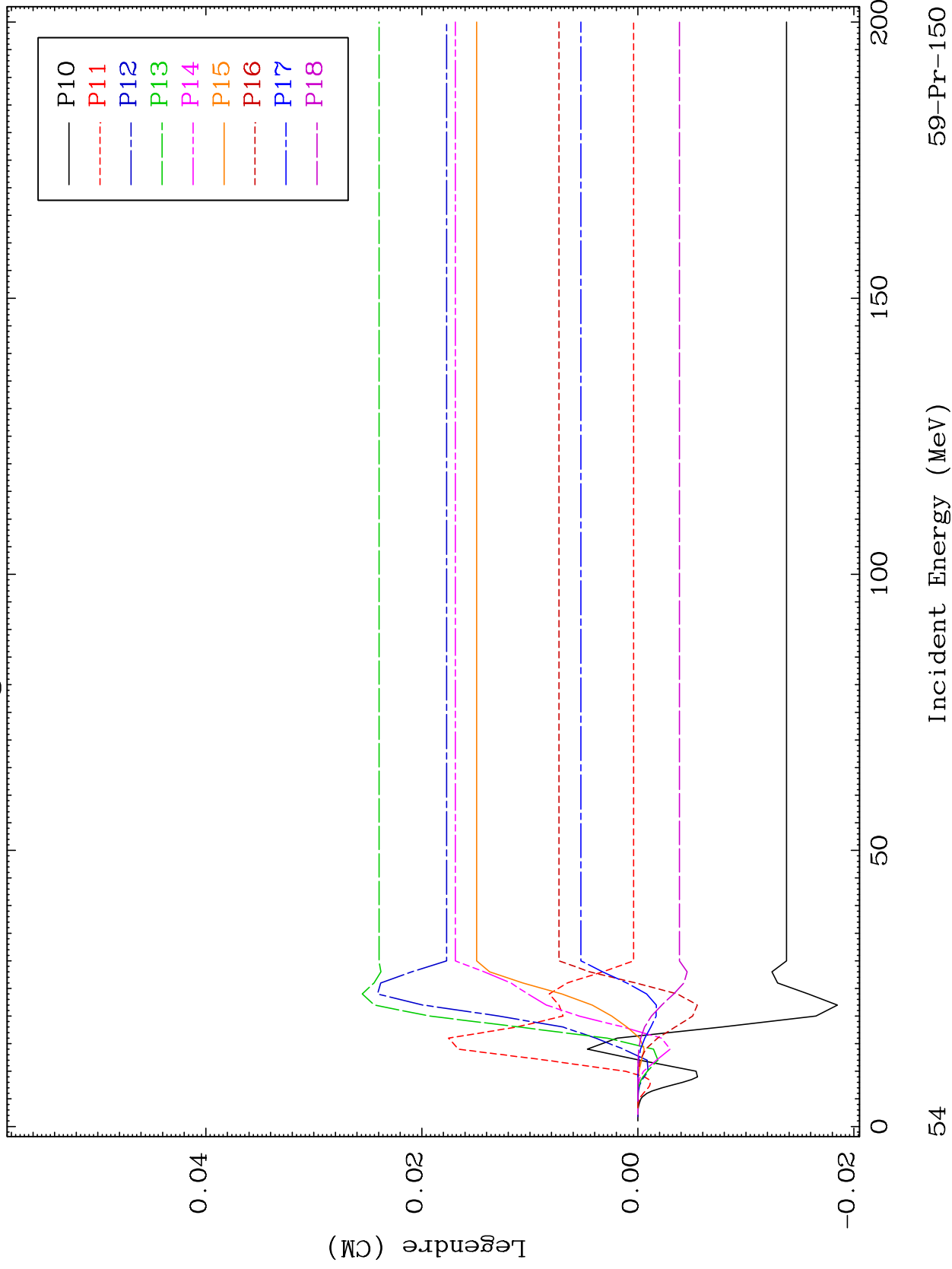
Incident Energy (MeV)

53

MAT 5952

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

59-Pr-150



59-Pr-150

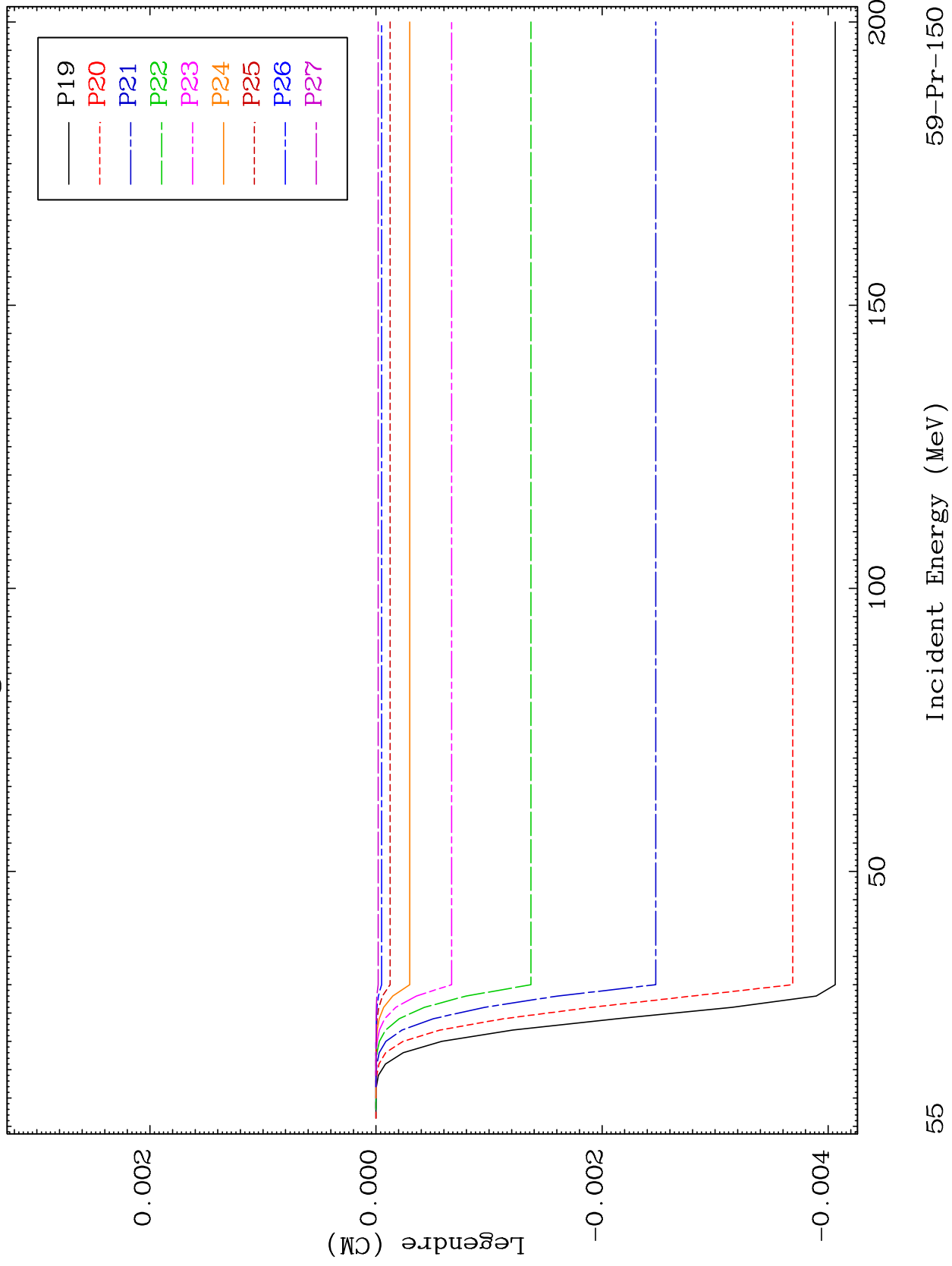
Incident Energy (MeV)

54

MAT 5952

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

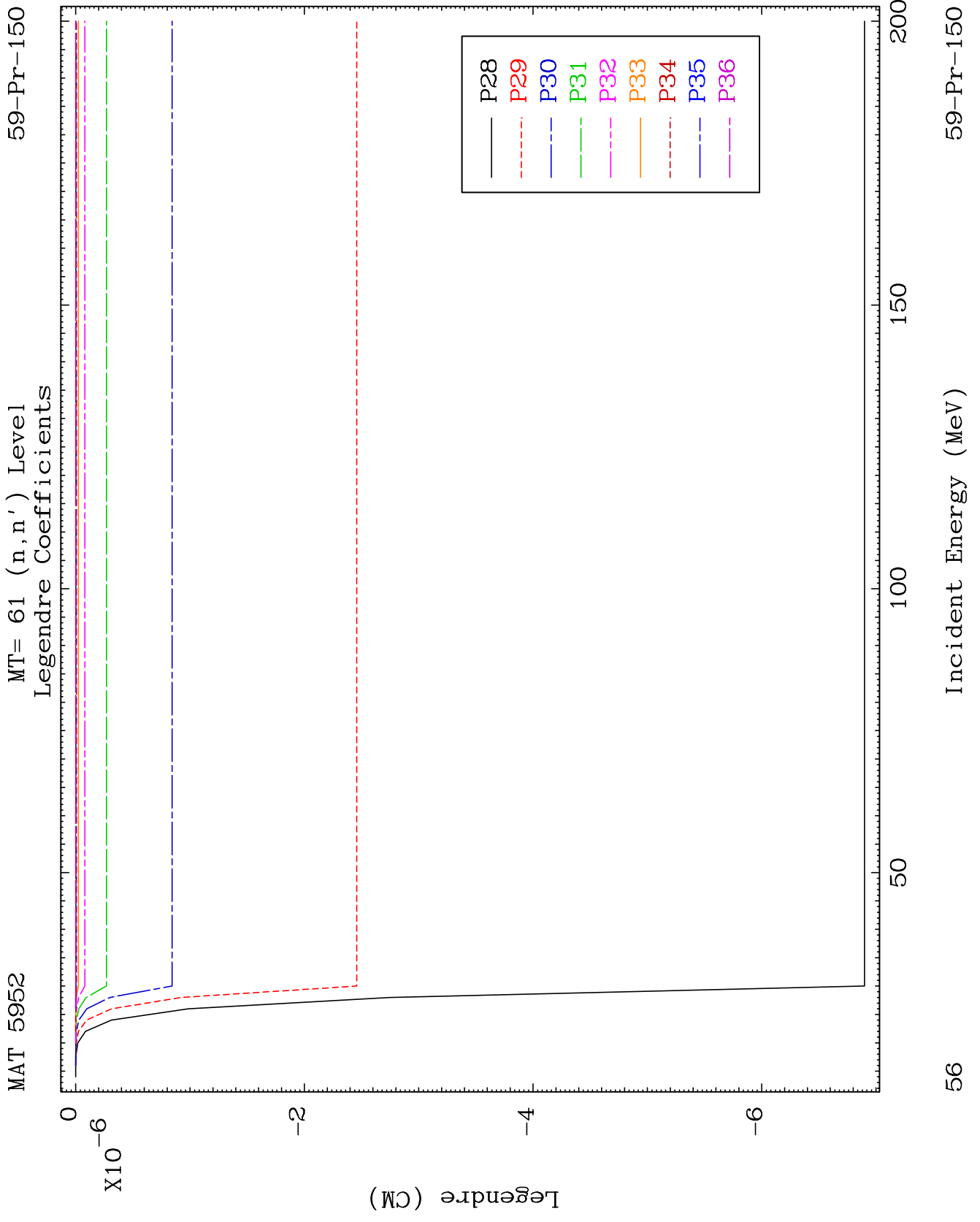
59-Pr-150



55

Incident Energy (MeV)

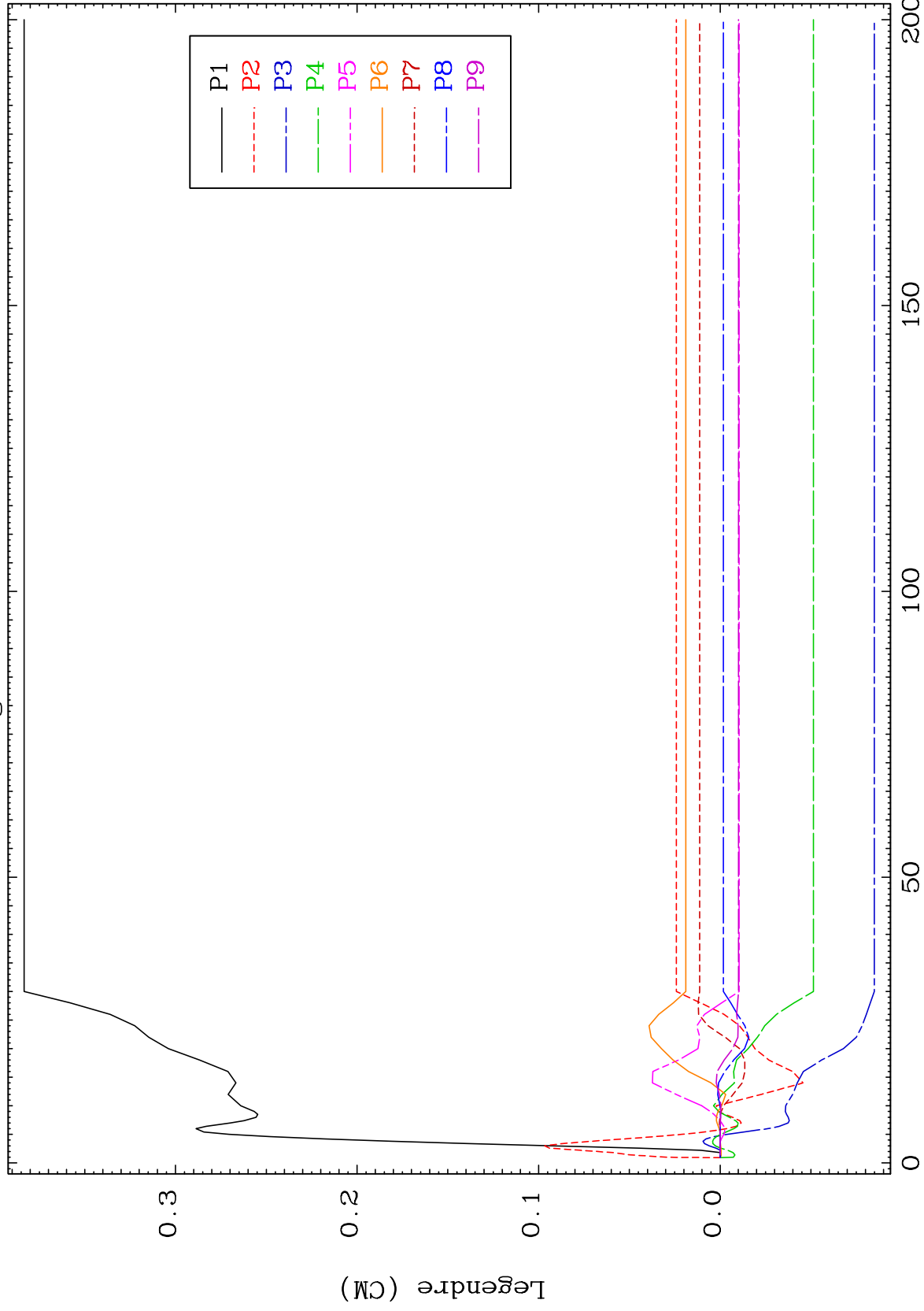
59-Pr-150



MAT 5952

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

59-Pr-150



57

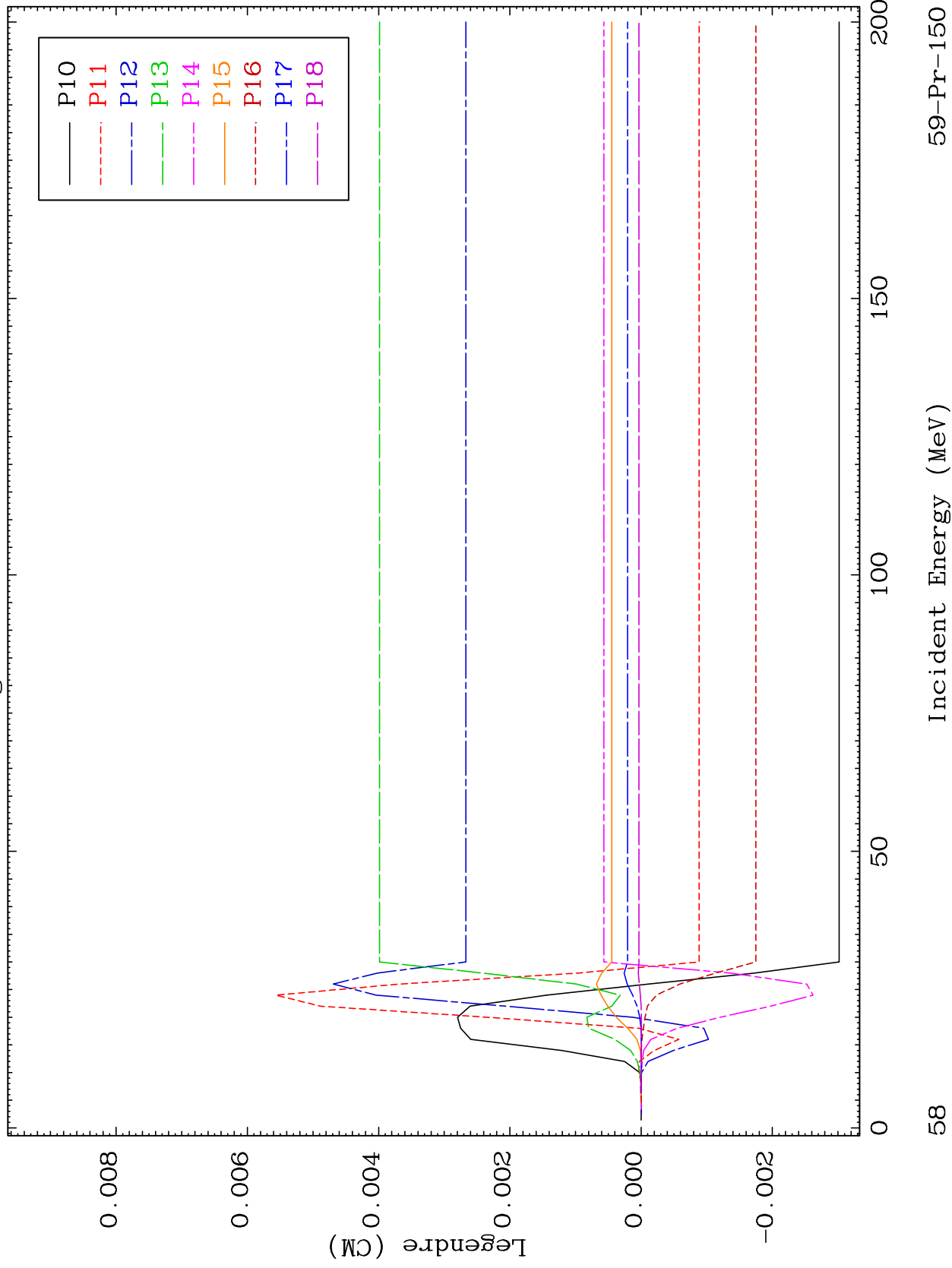
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



59-Pr-150

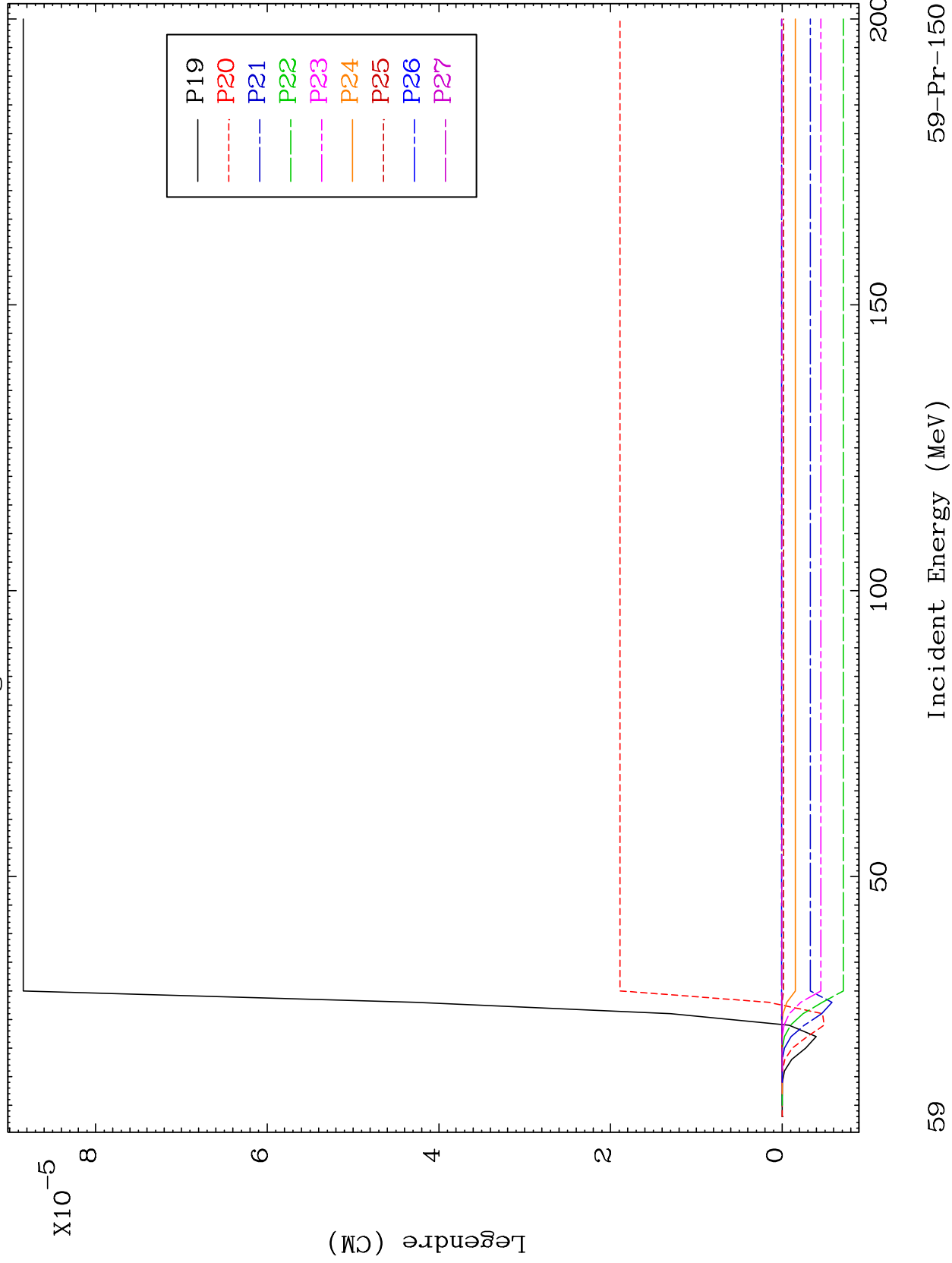
Incident Energy (MeV)

58

MAT 5952

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

59-Pr-150



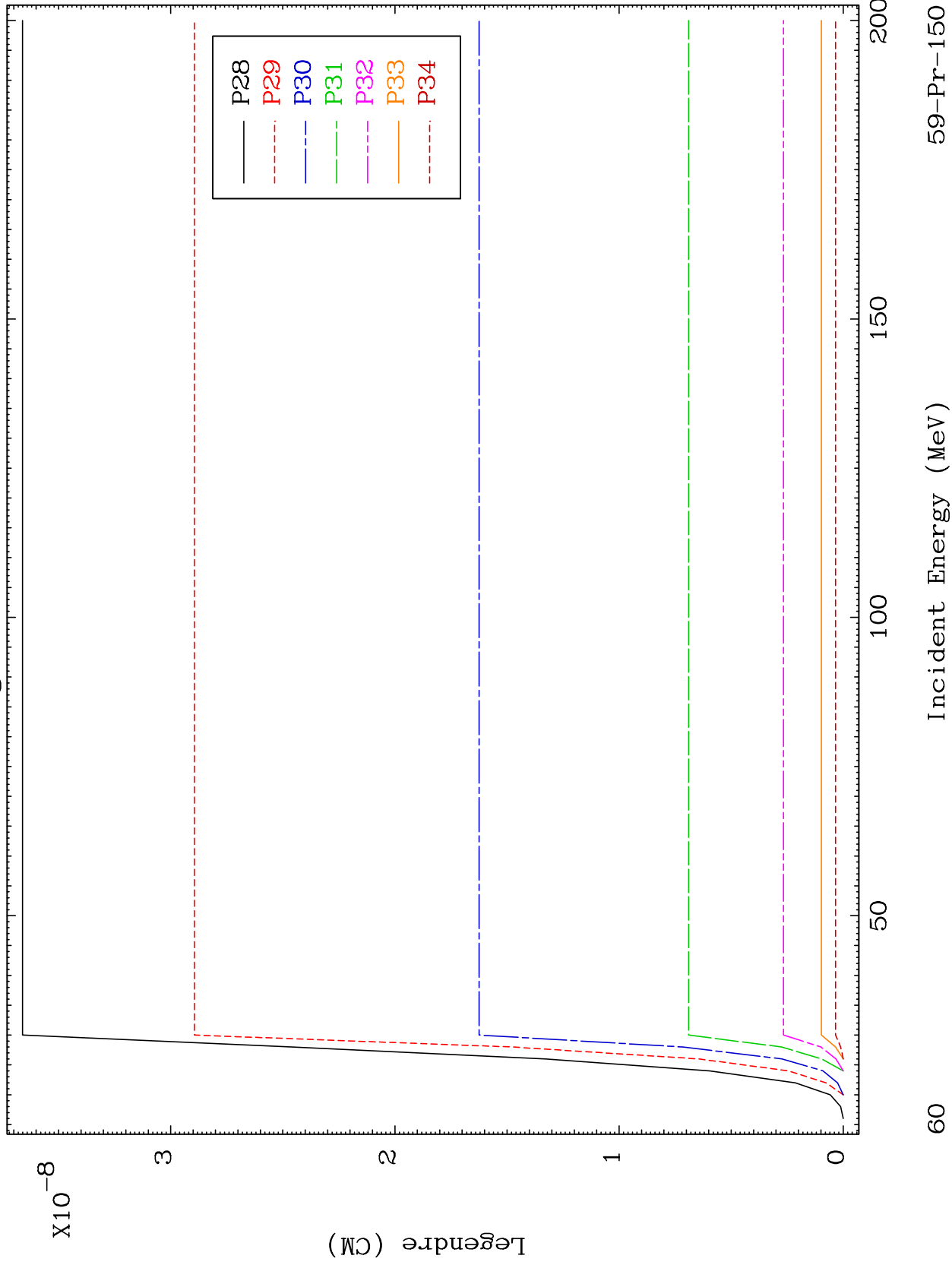
59

59-Pr-150

MAT 5952

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

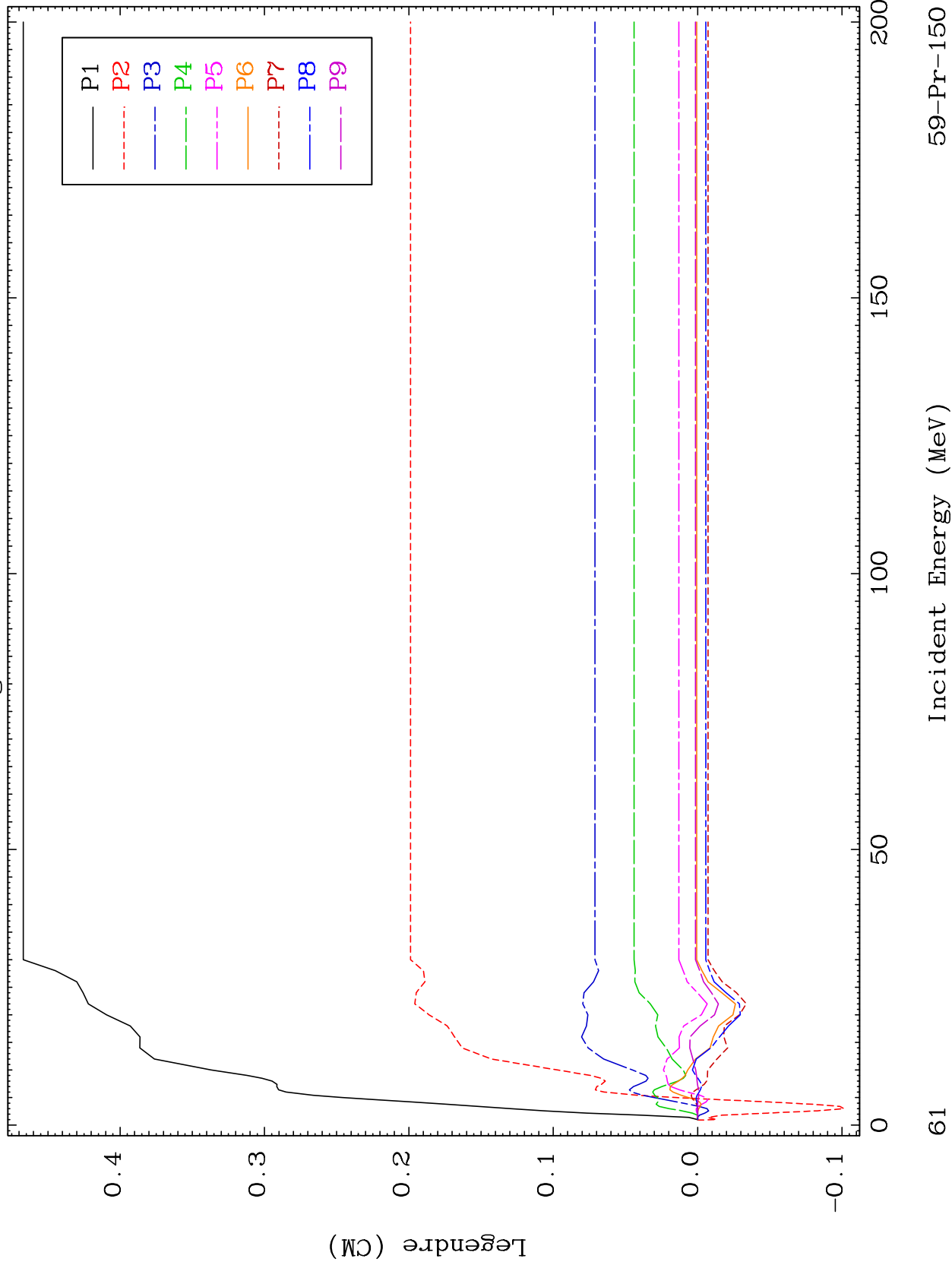
59-Pr-150



MAT 5952

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

59-Pr-150



59-Pr-150

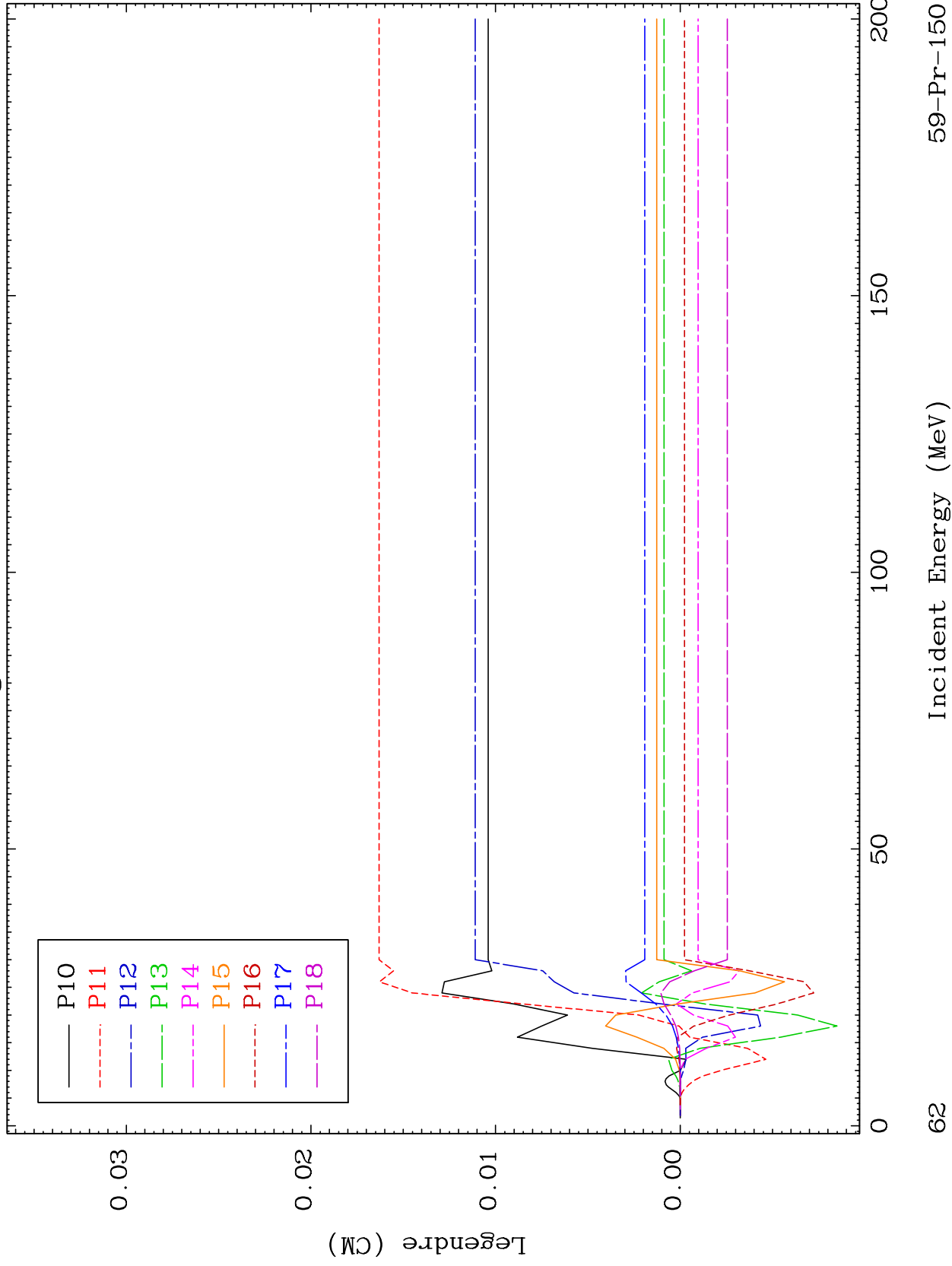
Incident Energy (MeV)

61

MAT 5952

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

59-Pr-150



59-Pr-150

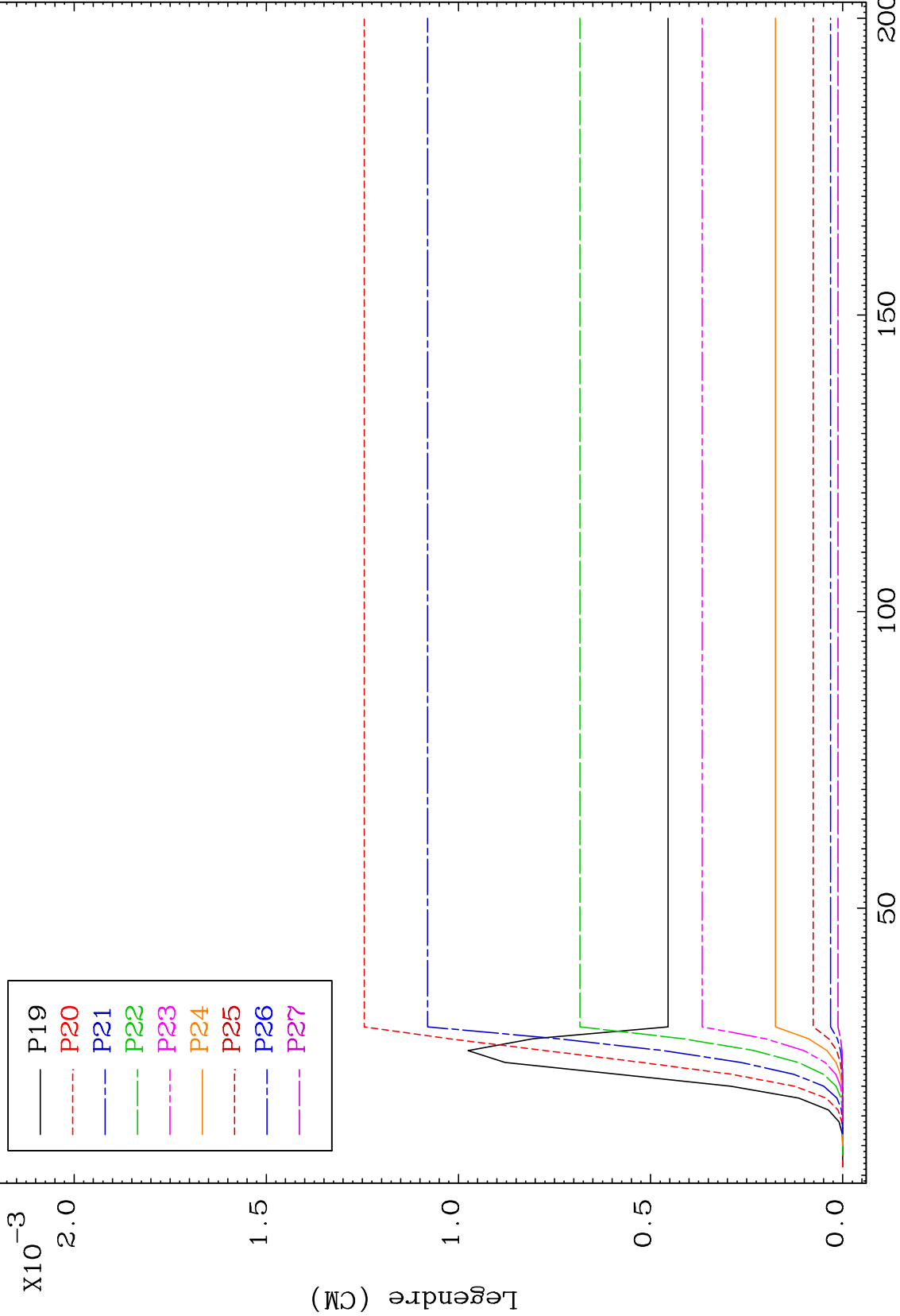
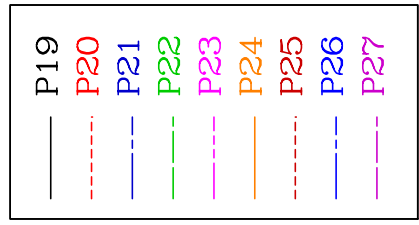
Incident Energy (MeV)

62

MAT 5952

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

59-Pr-150



63

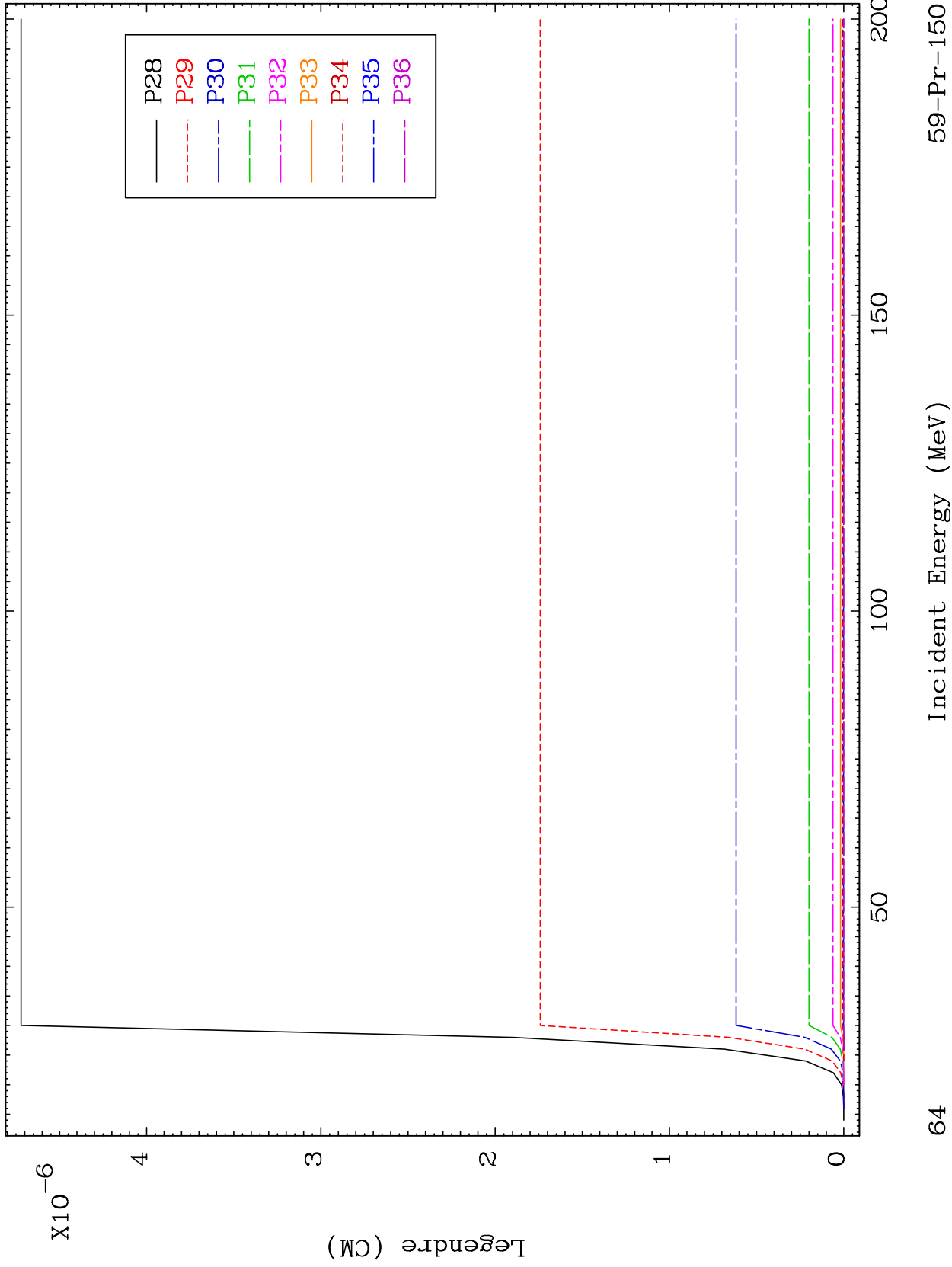
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



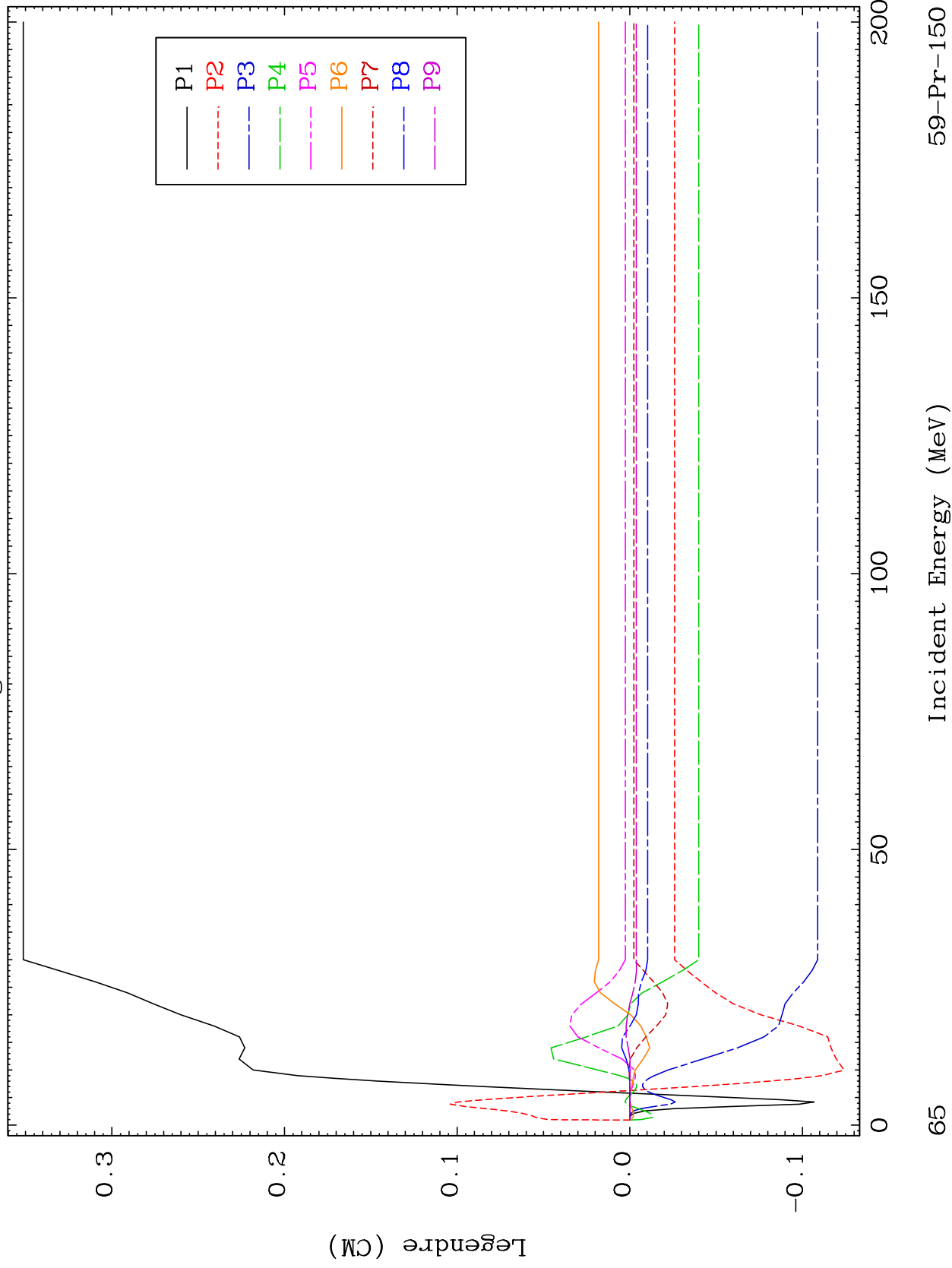
64

59-Pr-150

MAT 5952

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

59-Pr-150



59-Pr-150

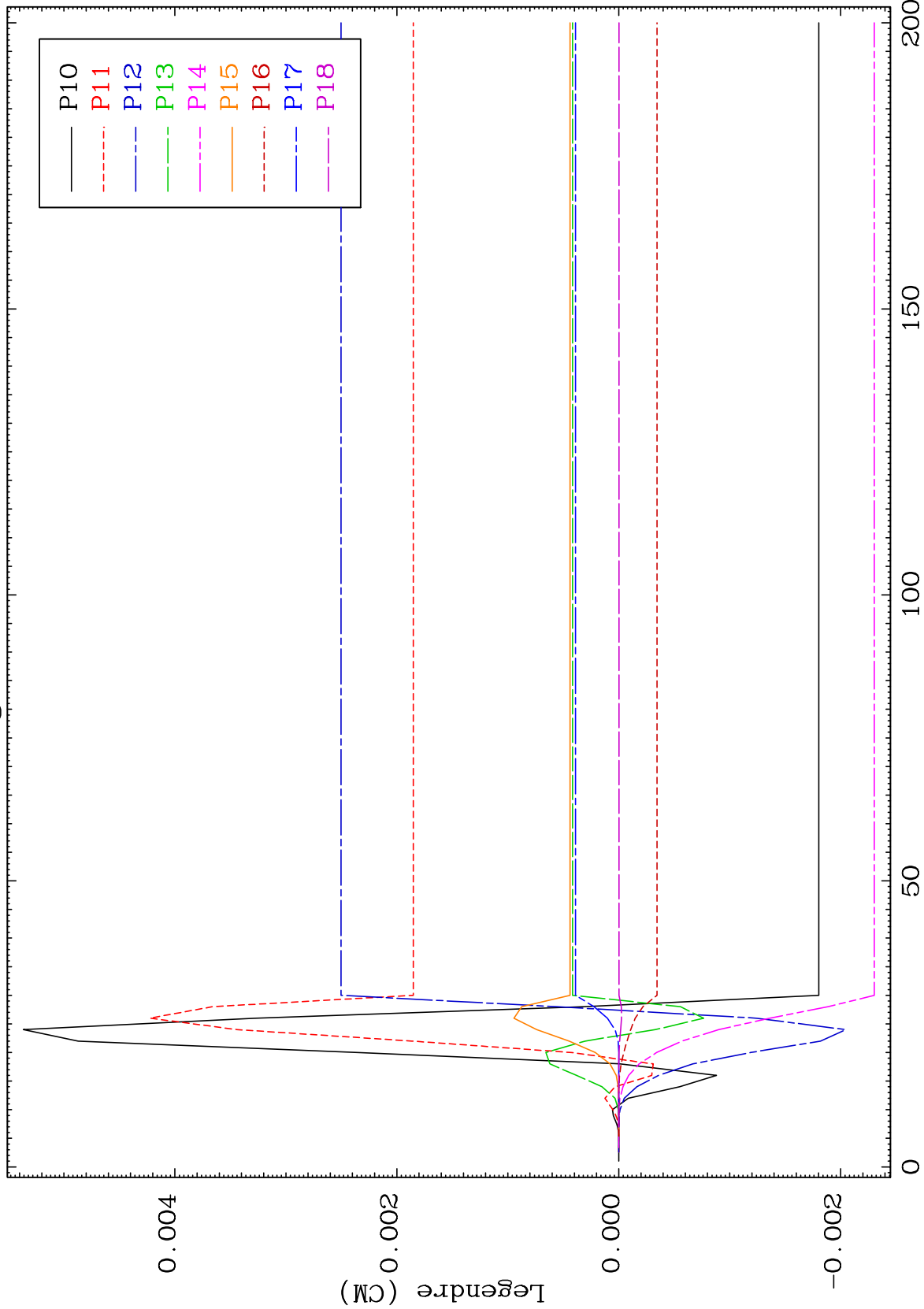
Incident Energy (MeV)

65

MAT 5952

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

59-Pr-150



66

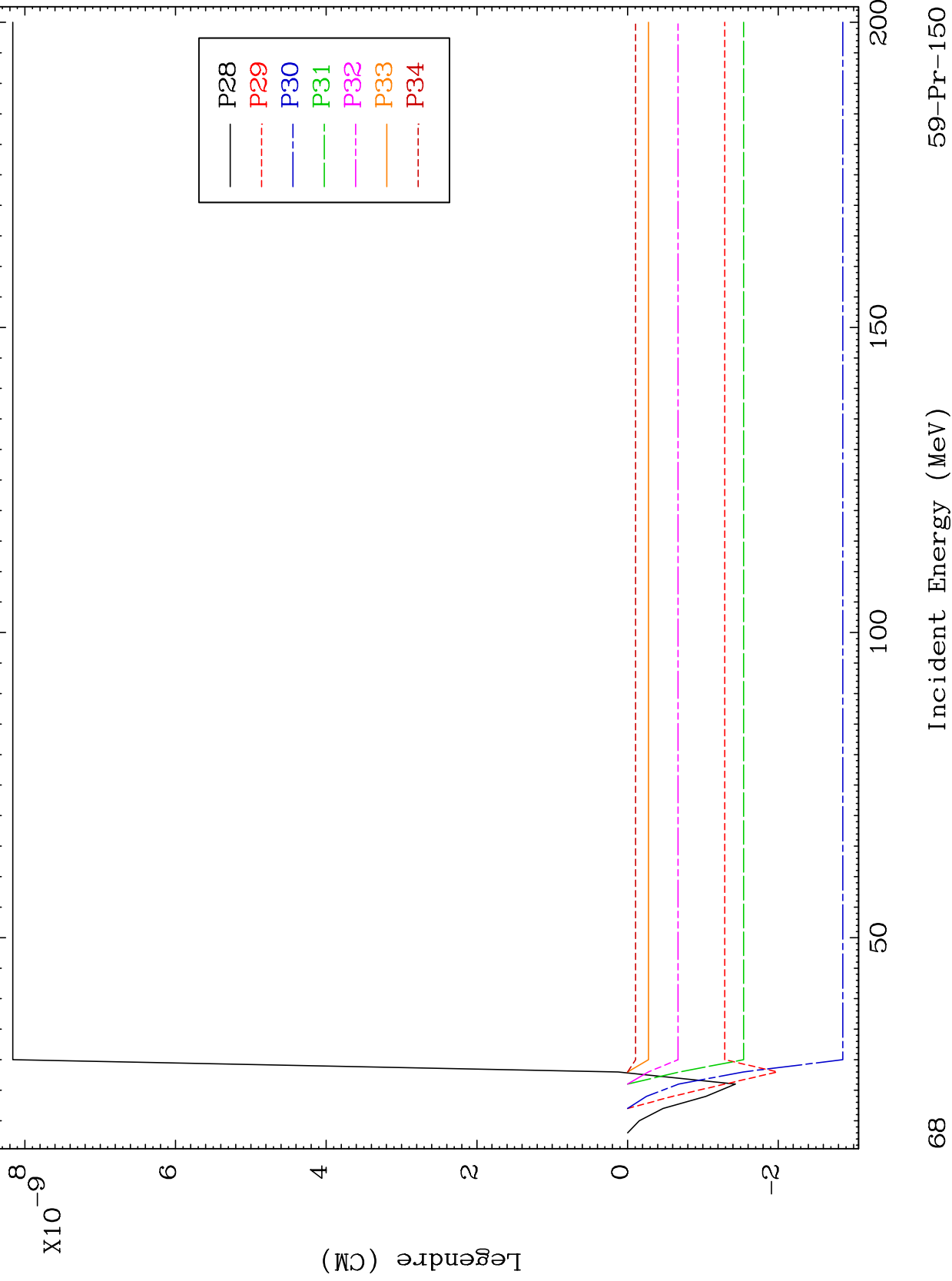
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



68

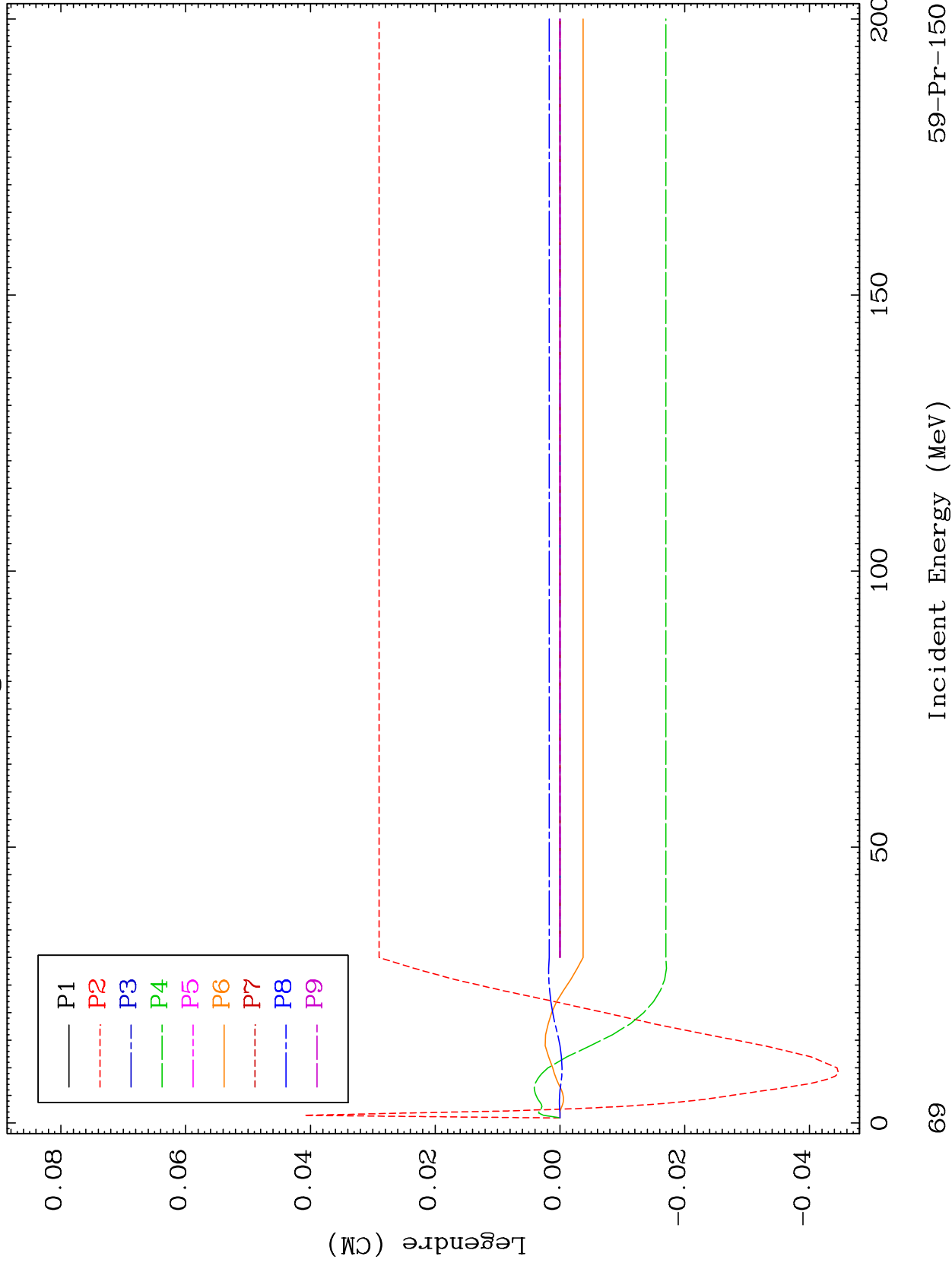
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



59-Pr-150

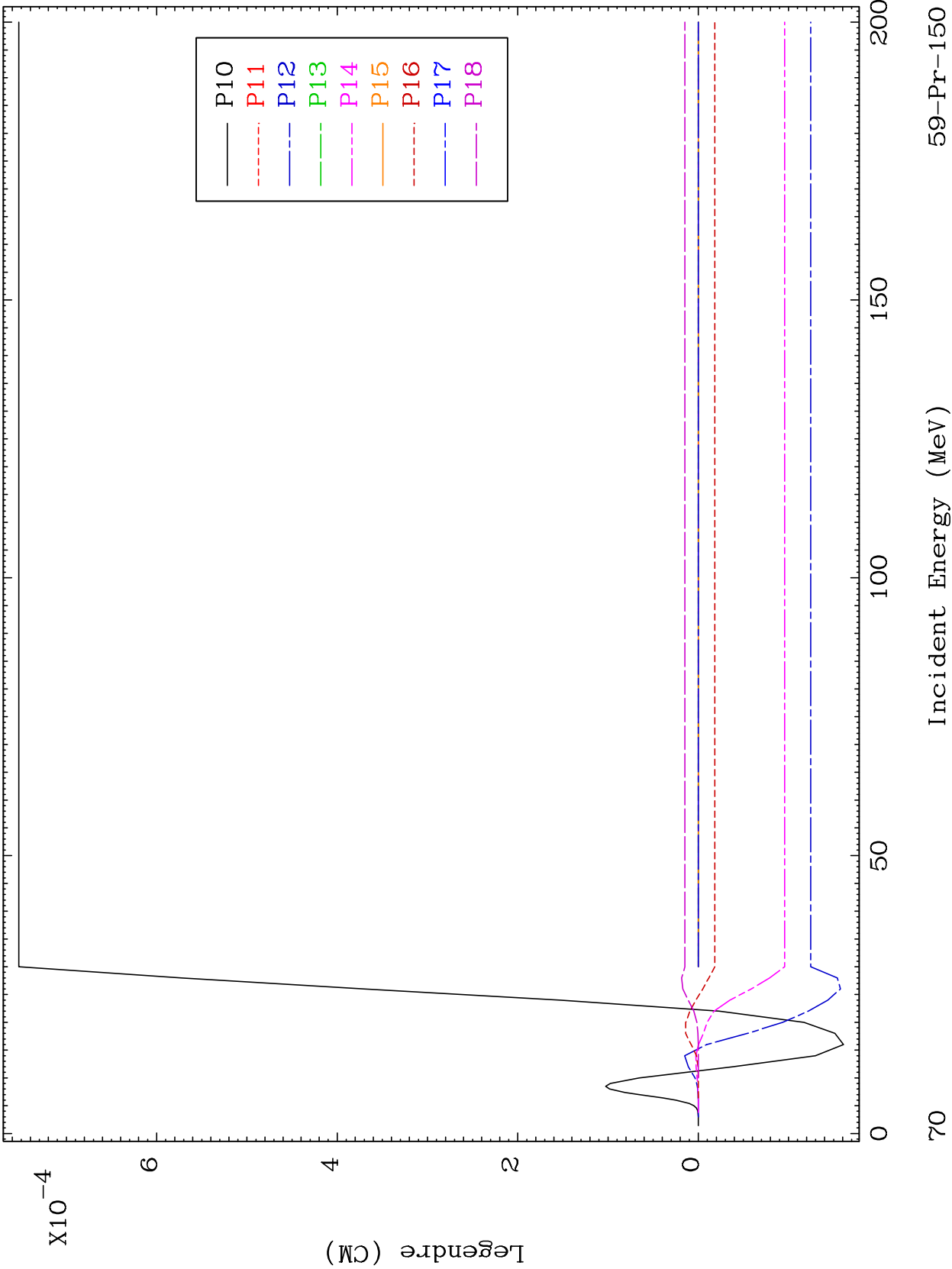
Incident Energy (MeV)

69

MAT 5952

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

59-Pr-150



59-Pr-150

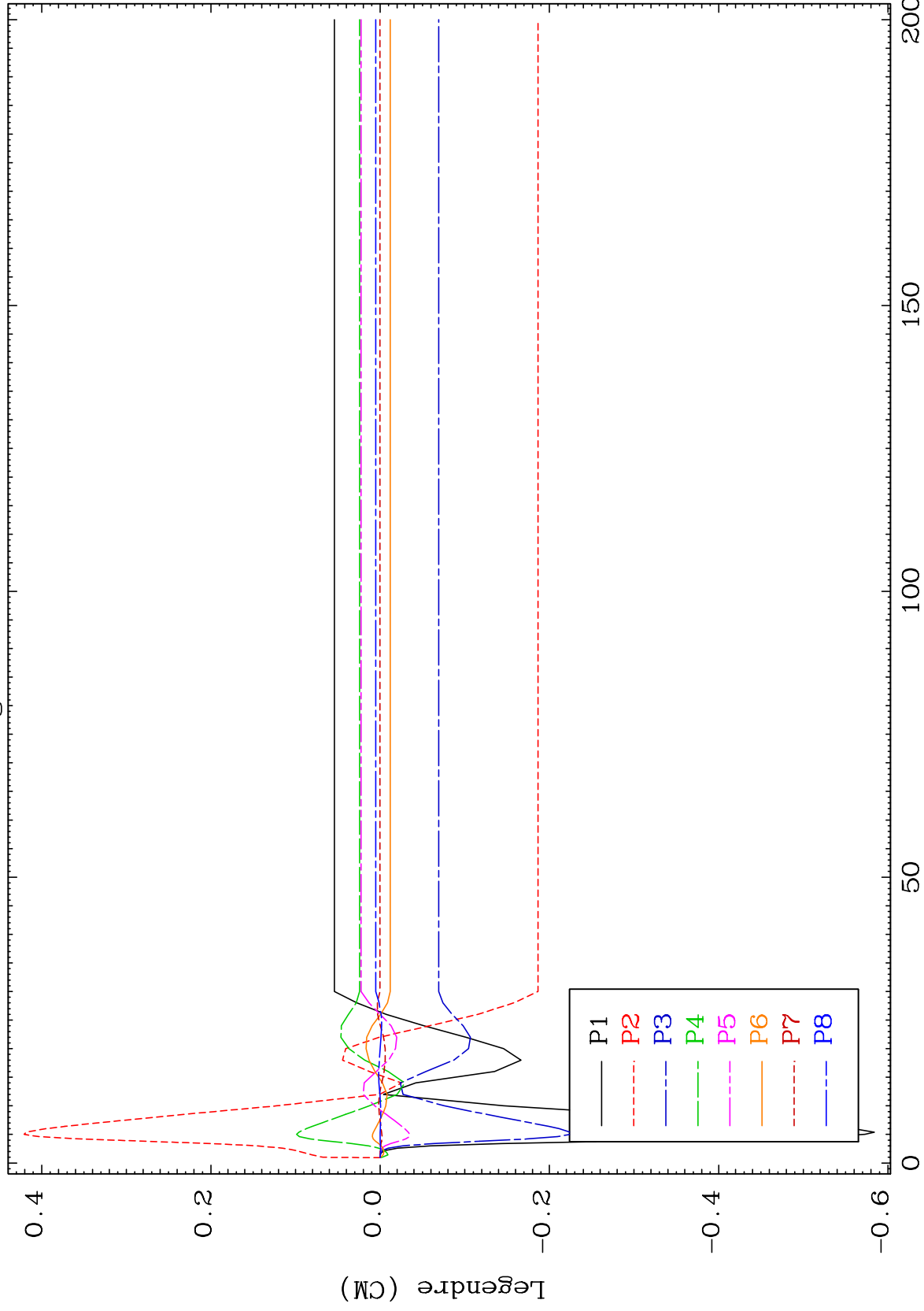
Incident Energy (MeV)

70

MAT 5952

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

59-Pr-150



72

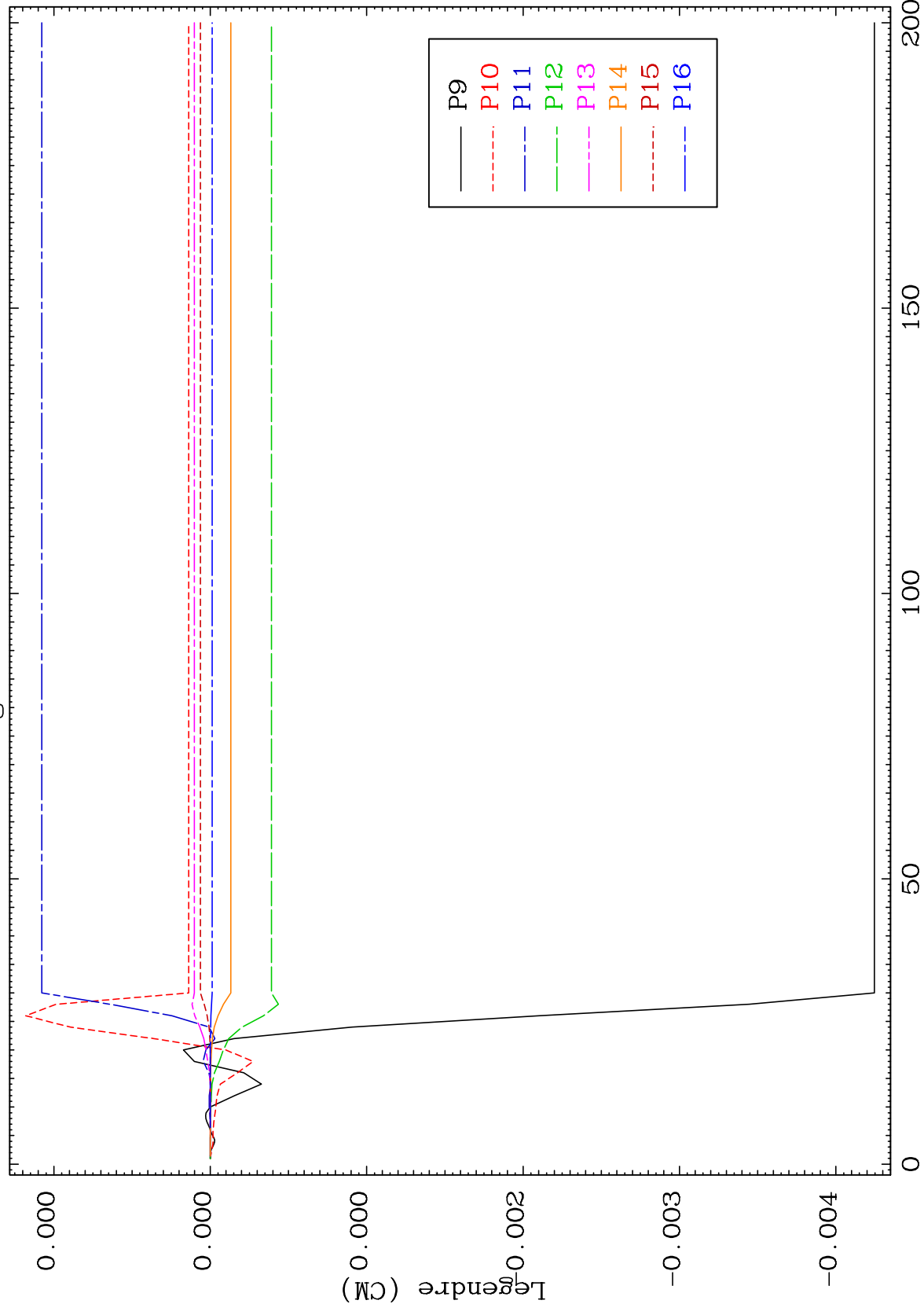
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



73

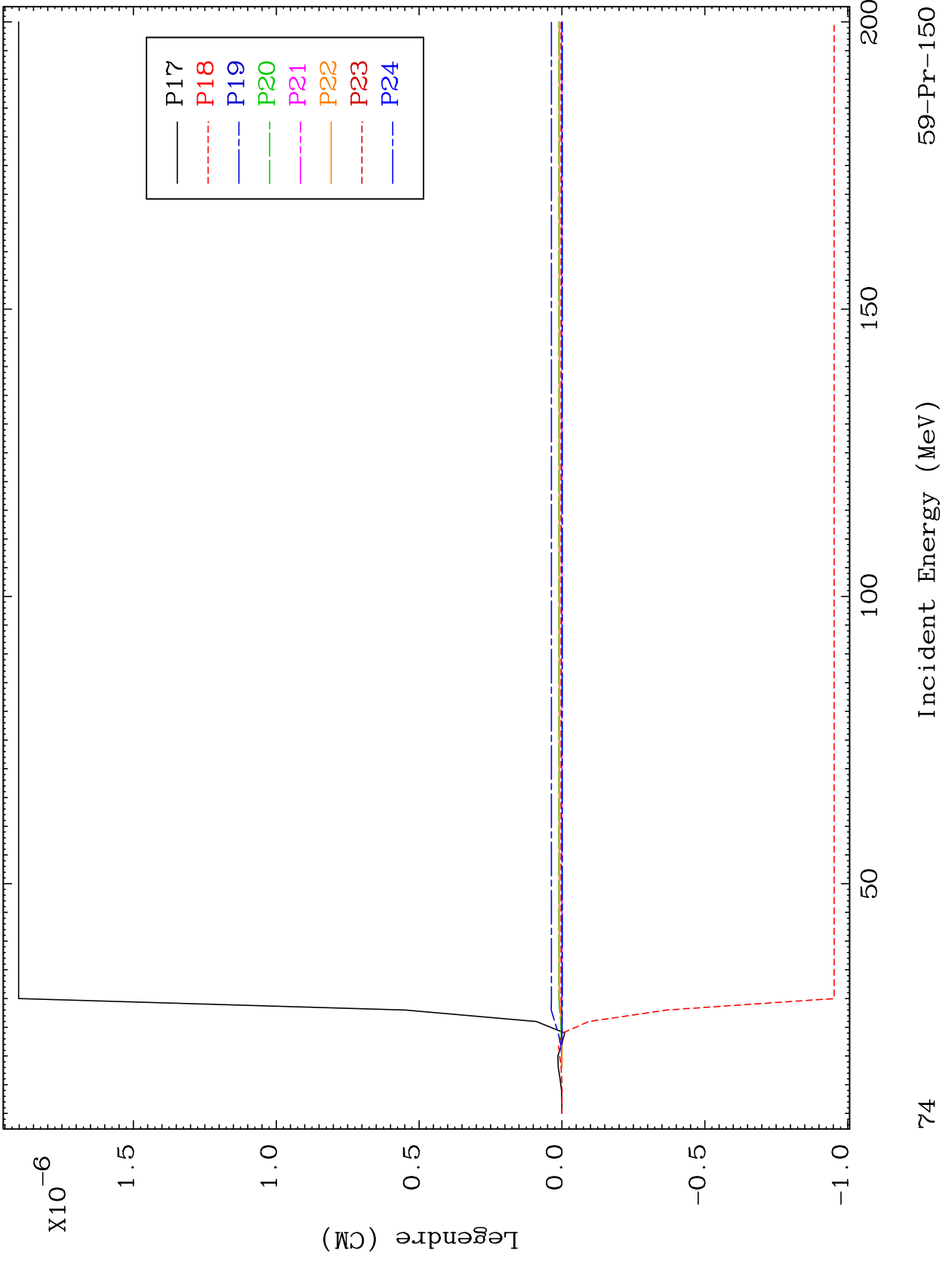
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

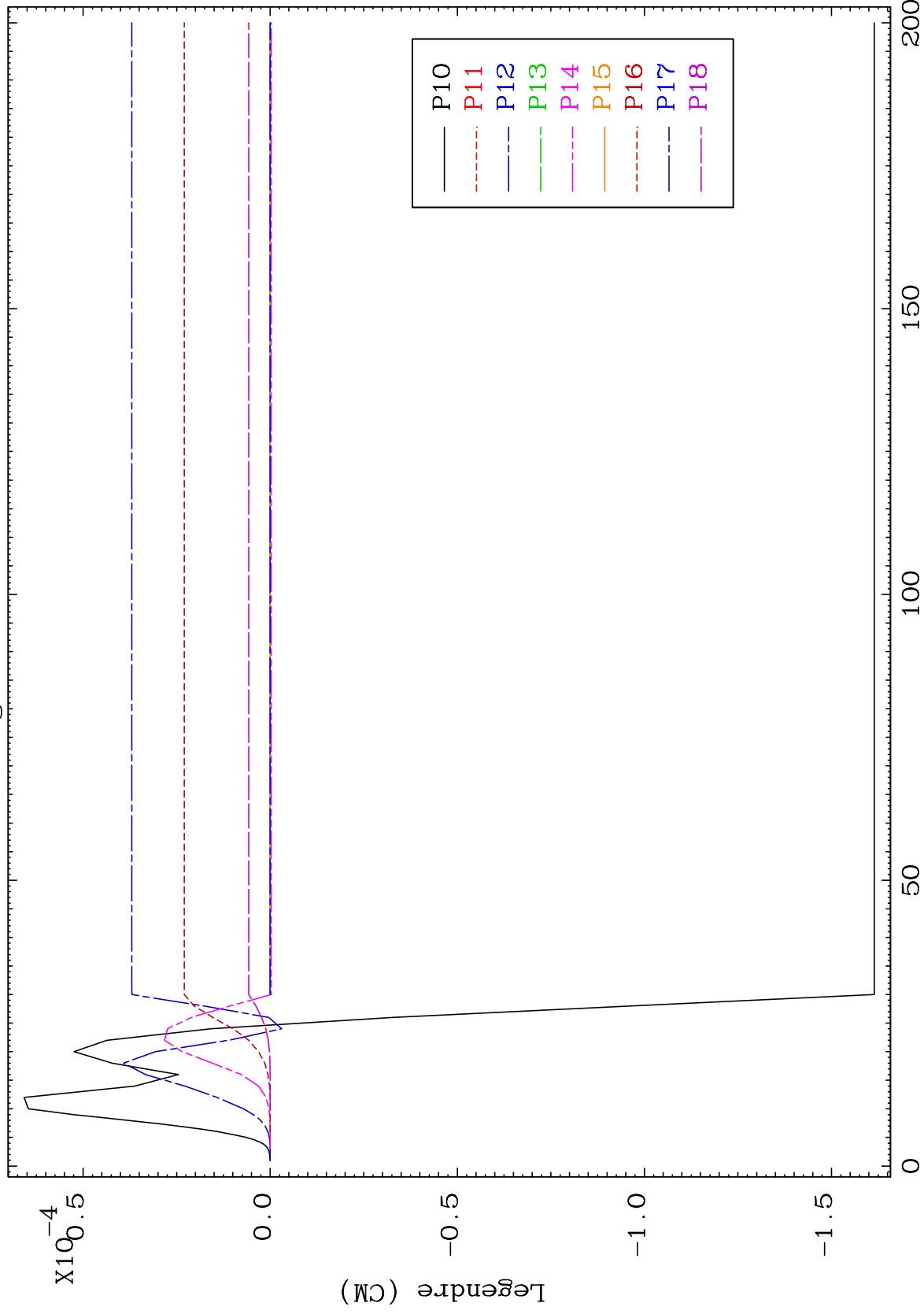
59-Pr-150



MAT 5952

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

59-Pr-150



76

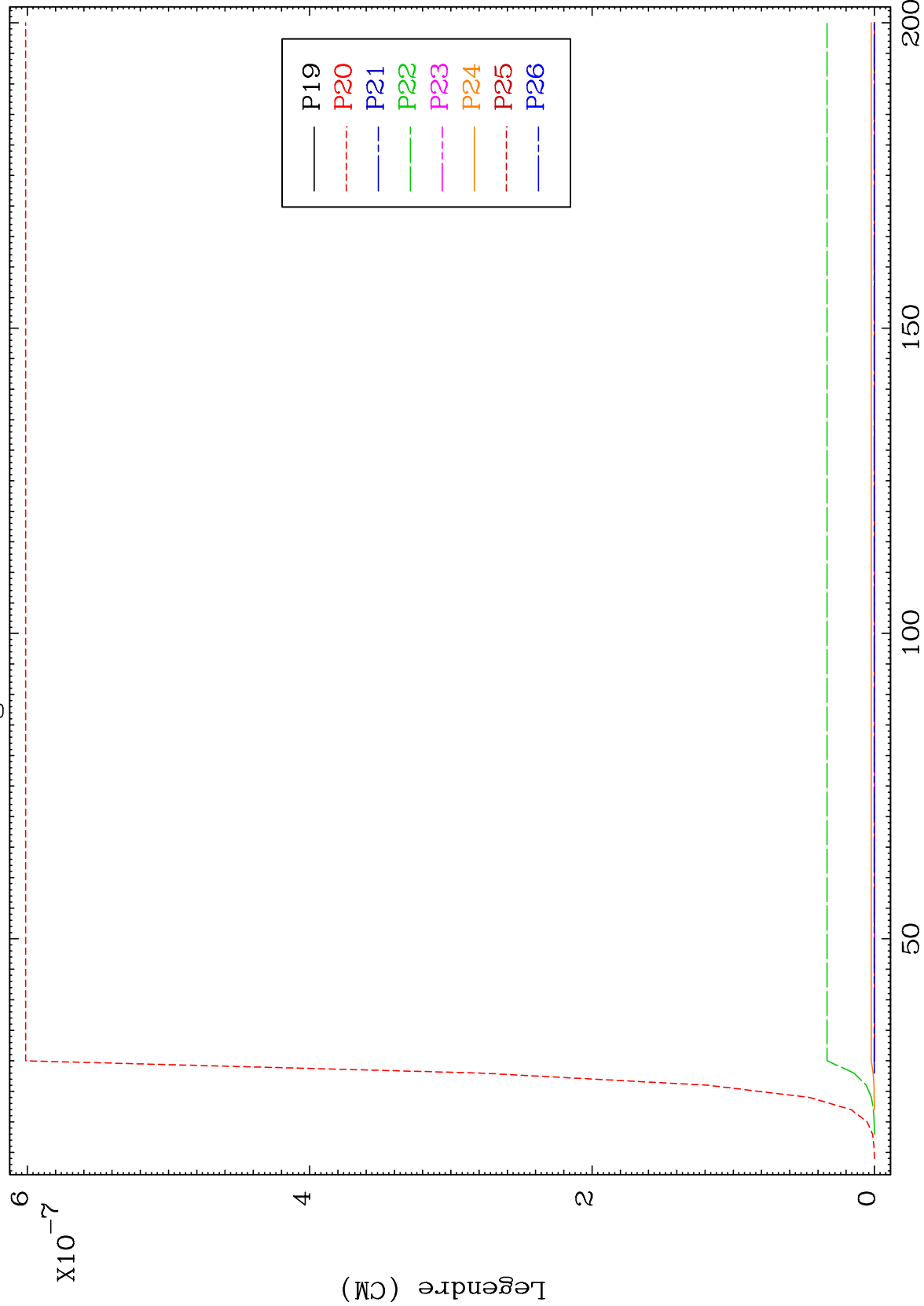
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



59-Pr-150

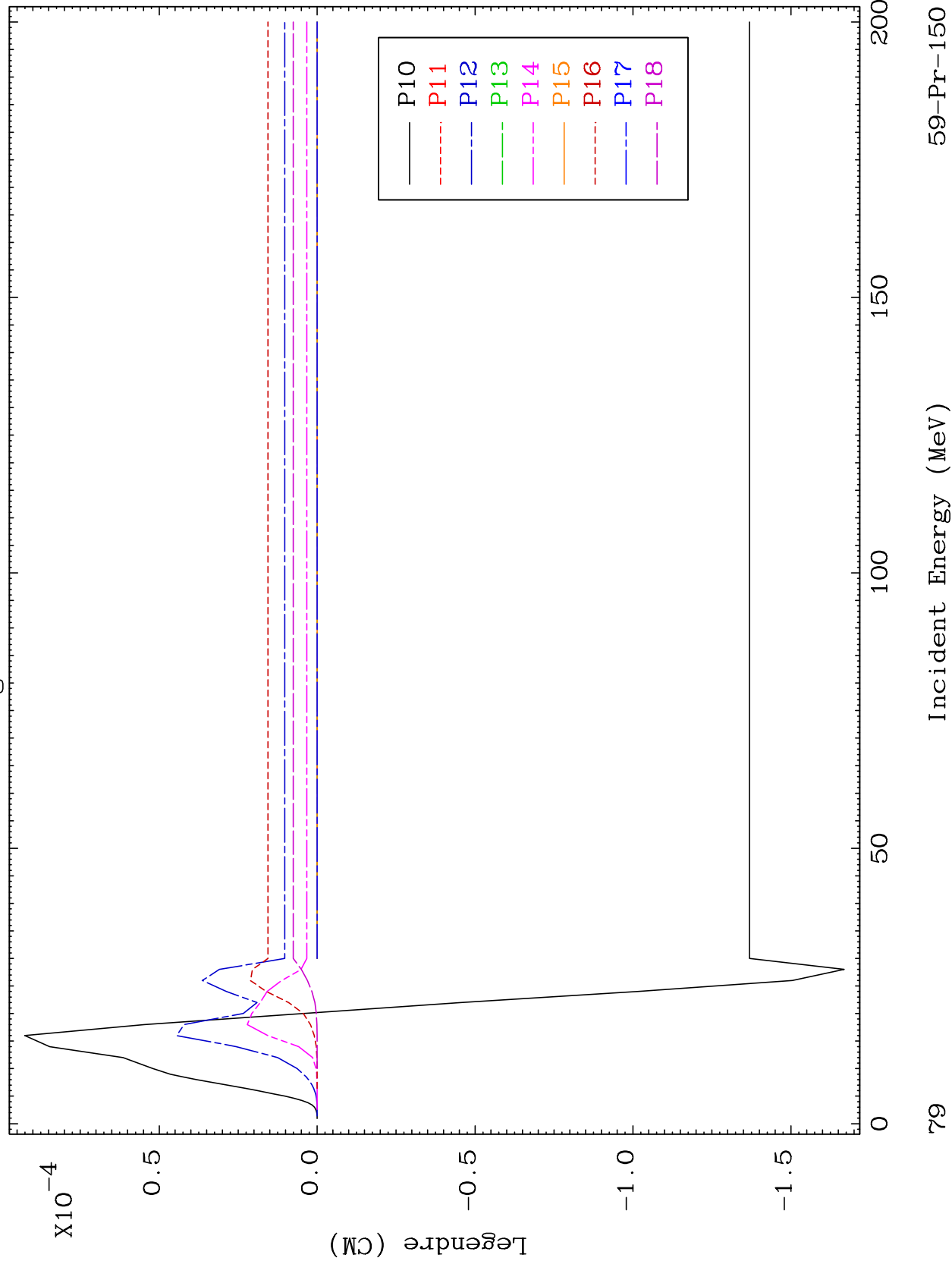
Incident Energy (MeV)

77

MAT 5952

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

59-Pr-150



79

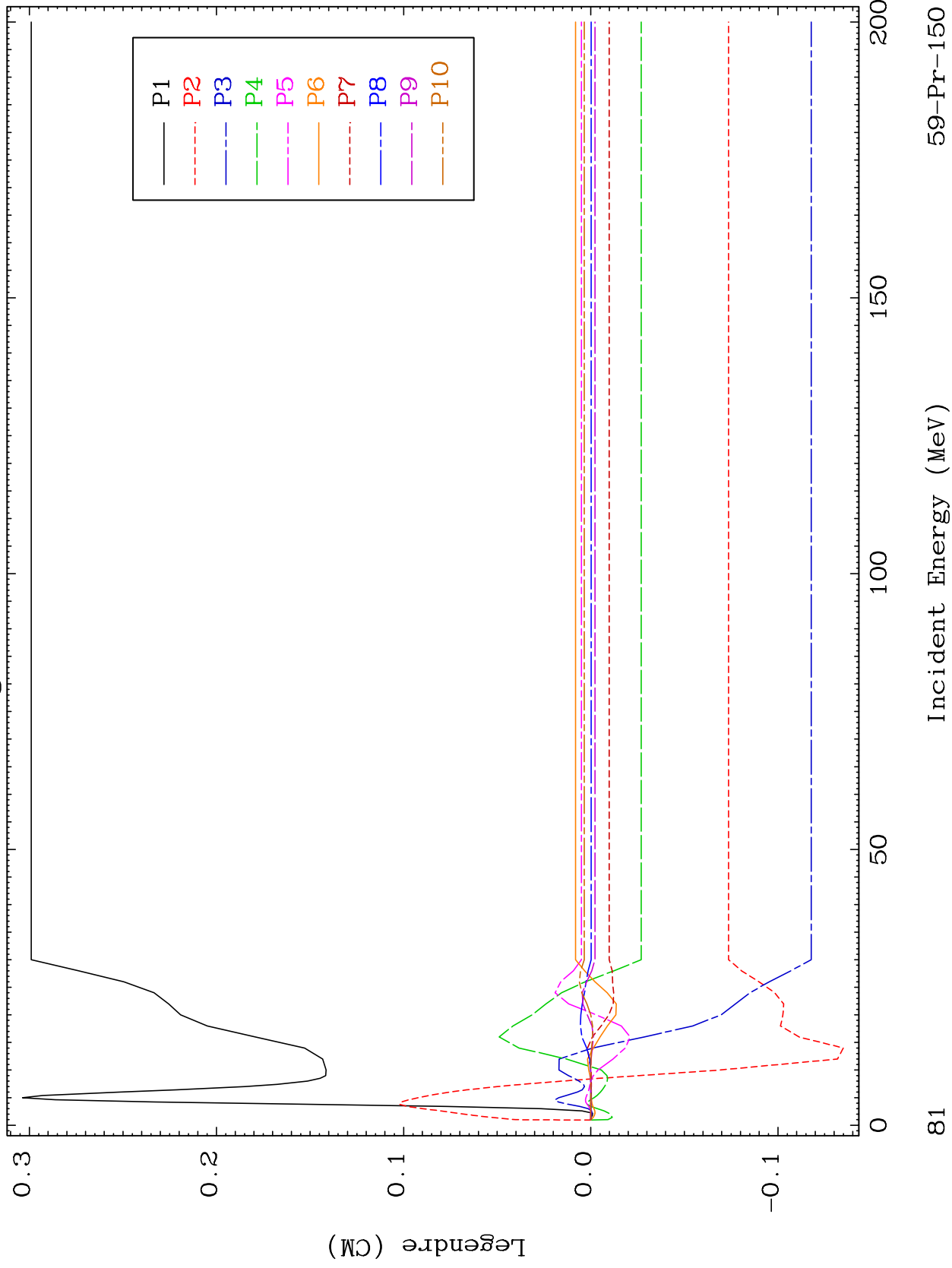
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

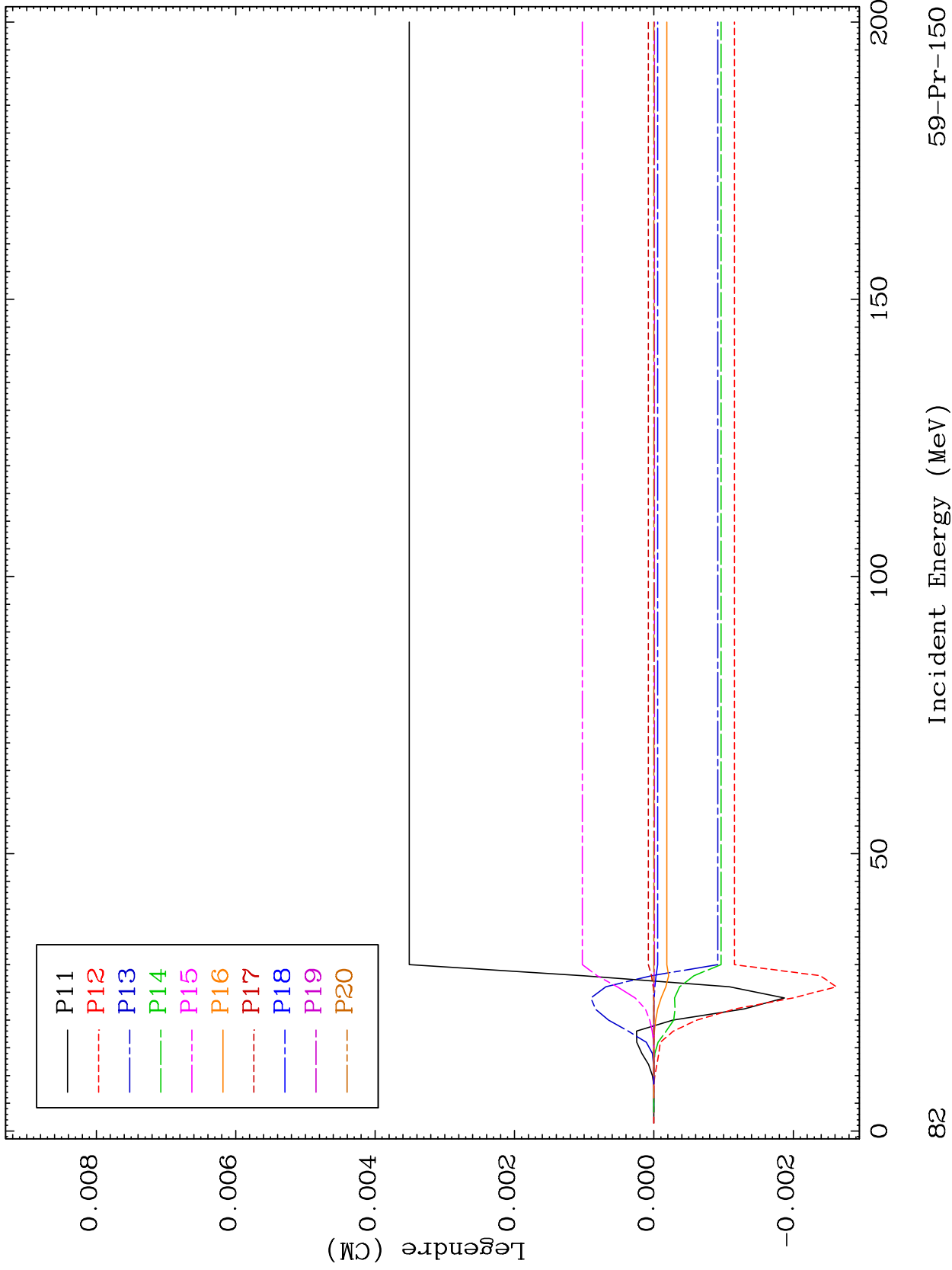
59-Pr-150



MAT 5952

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

59-Pr-150



82

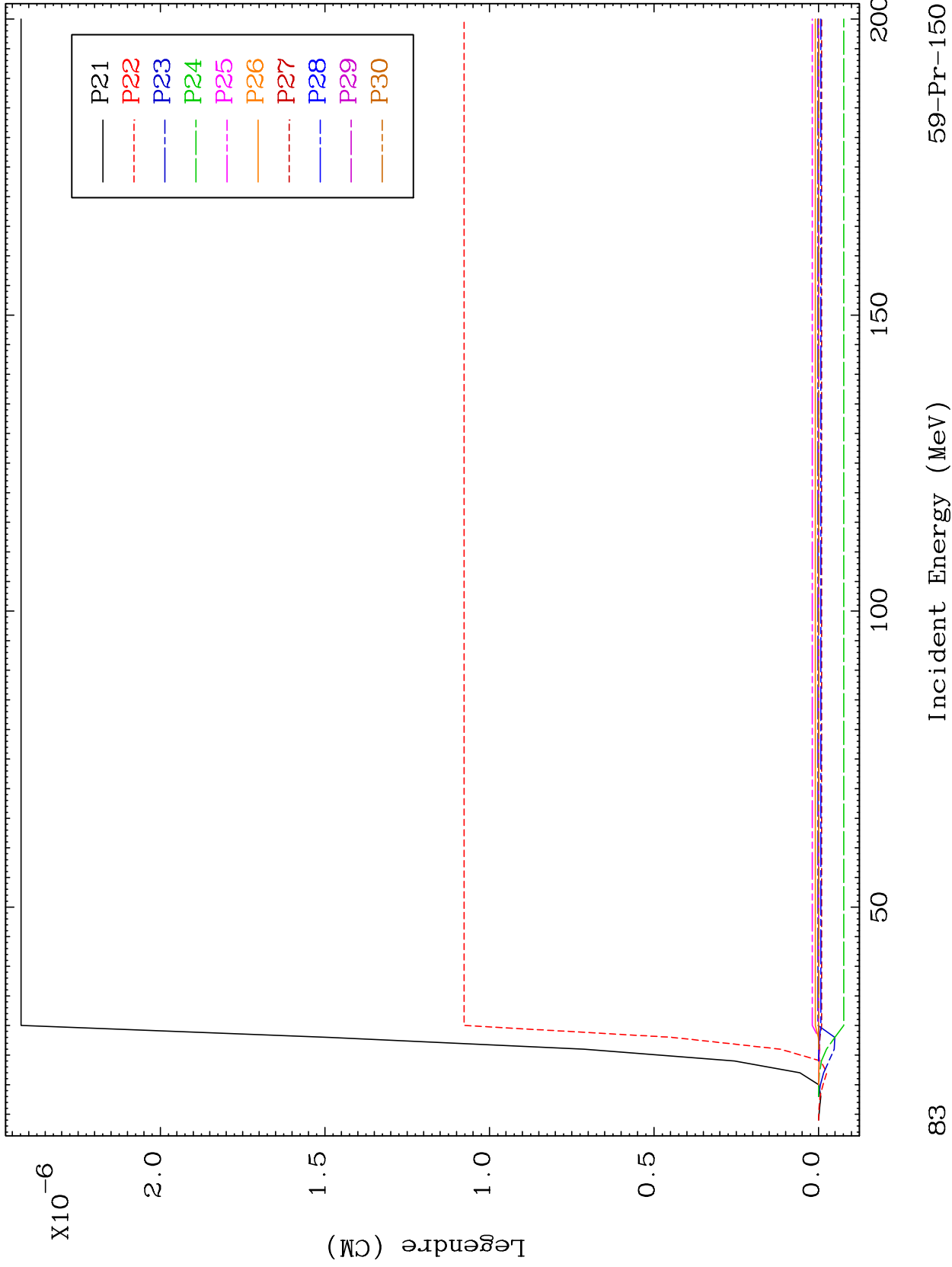
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



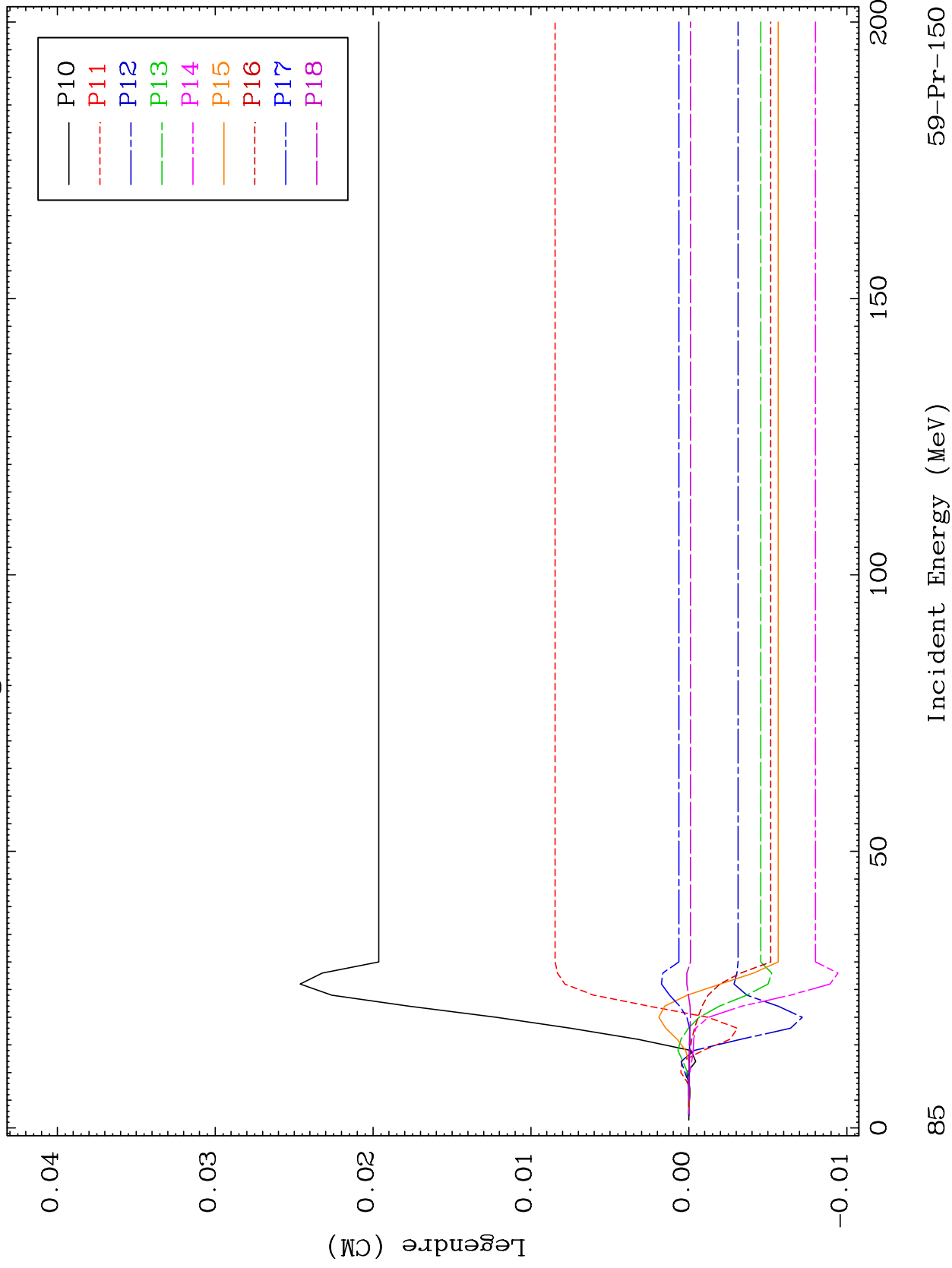
83

59-Pr-150

MAT 5952

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

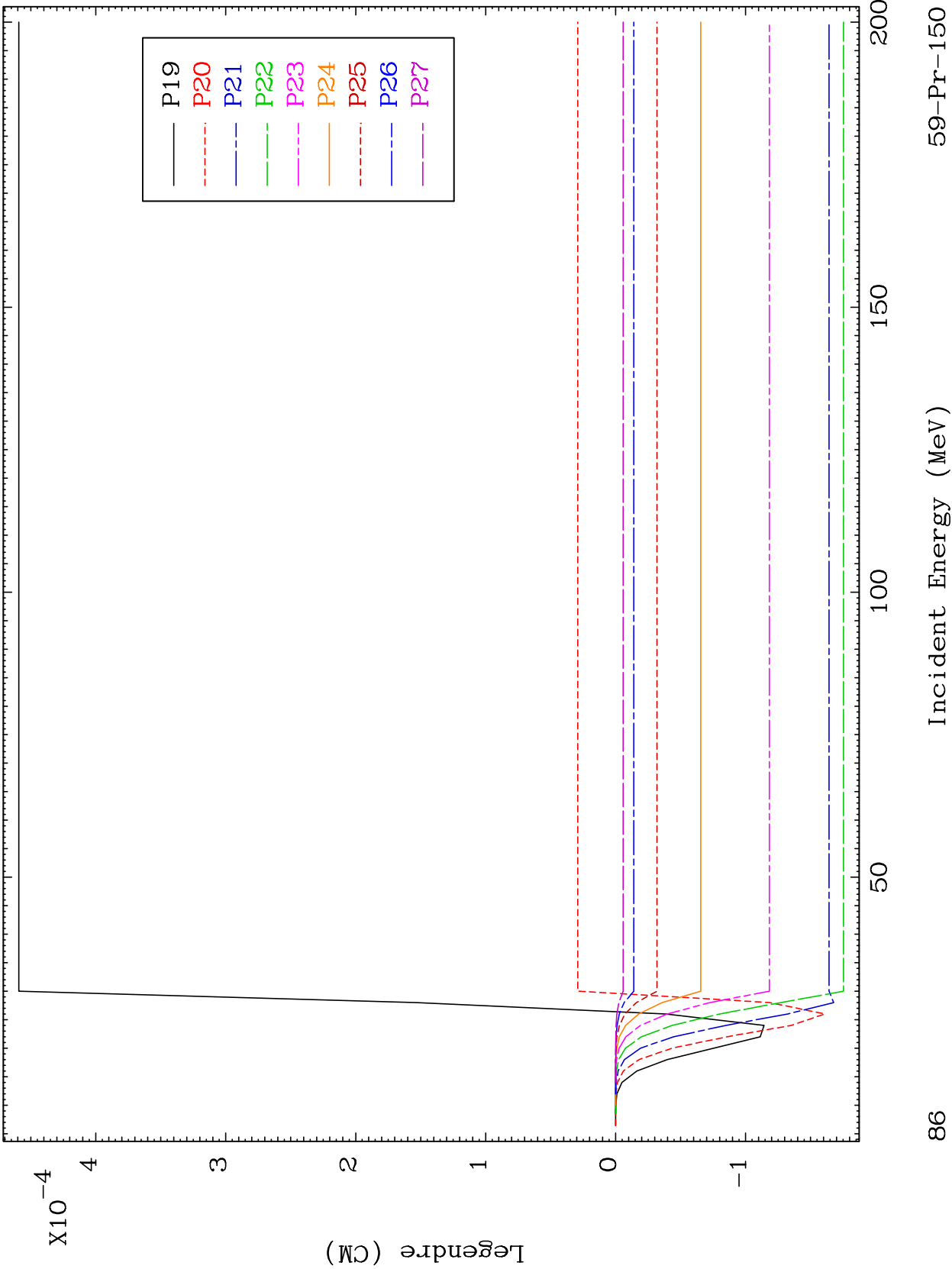
59-Pr-150

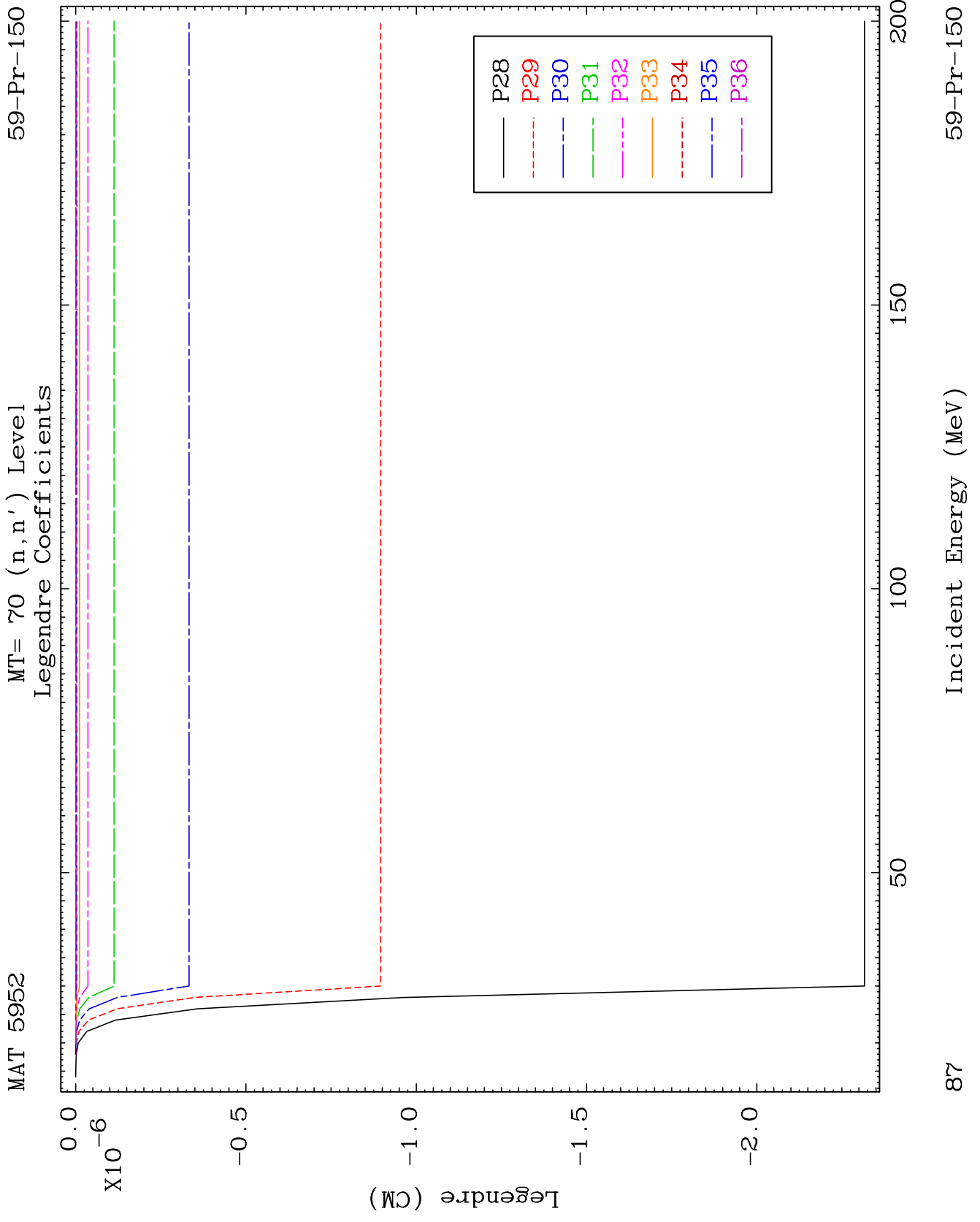


59-Pr-150

Incident Energy (MeV)

85

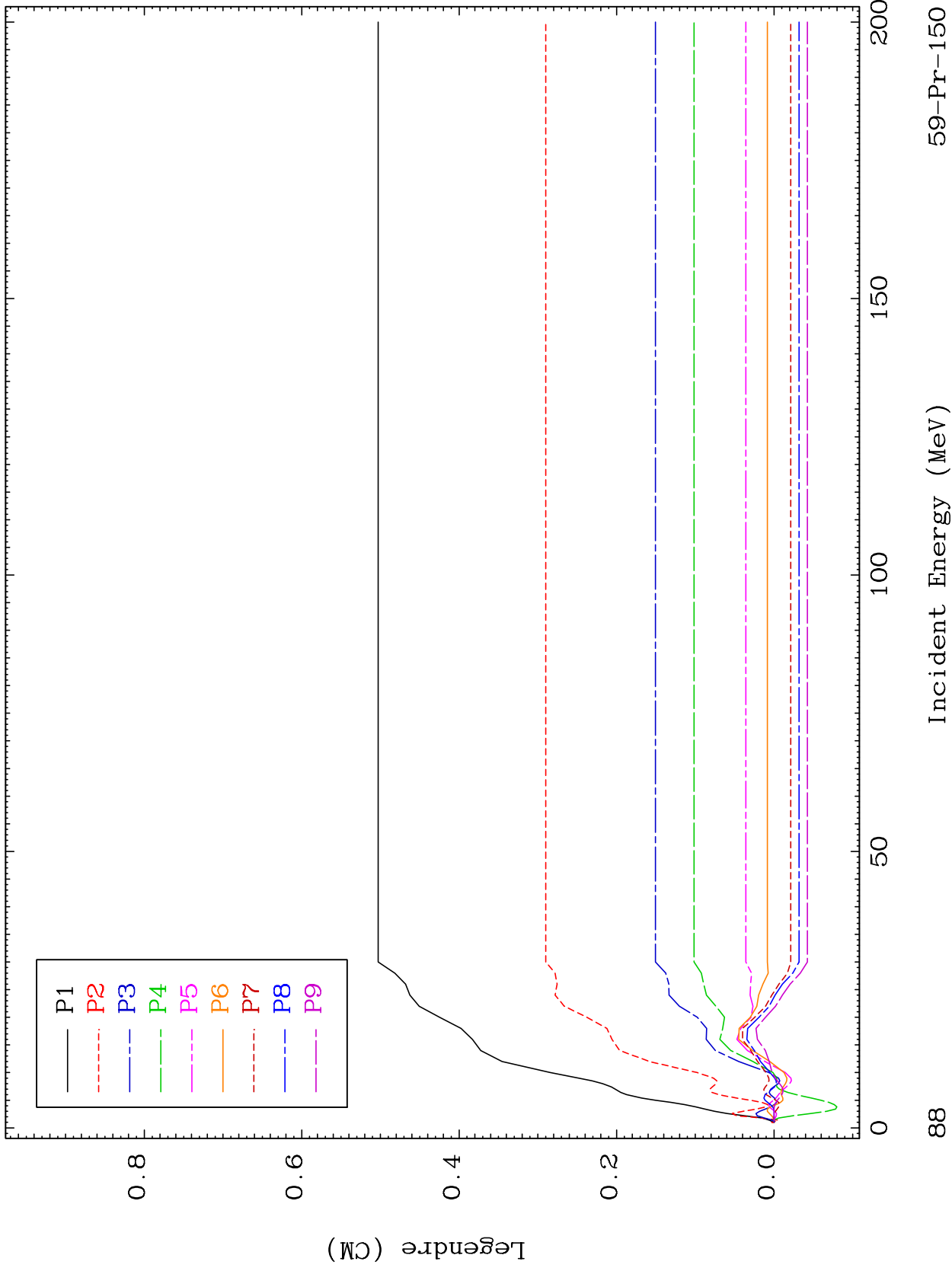




MAT 5952

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

59-Pr-150



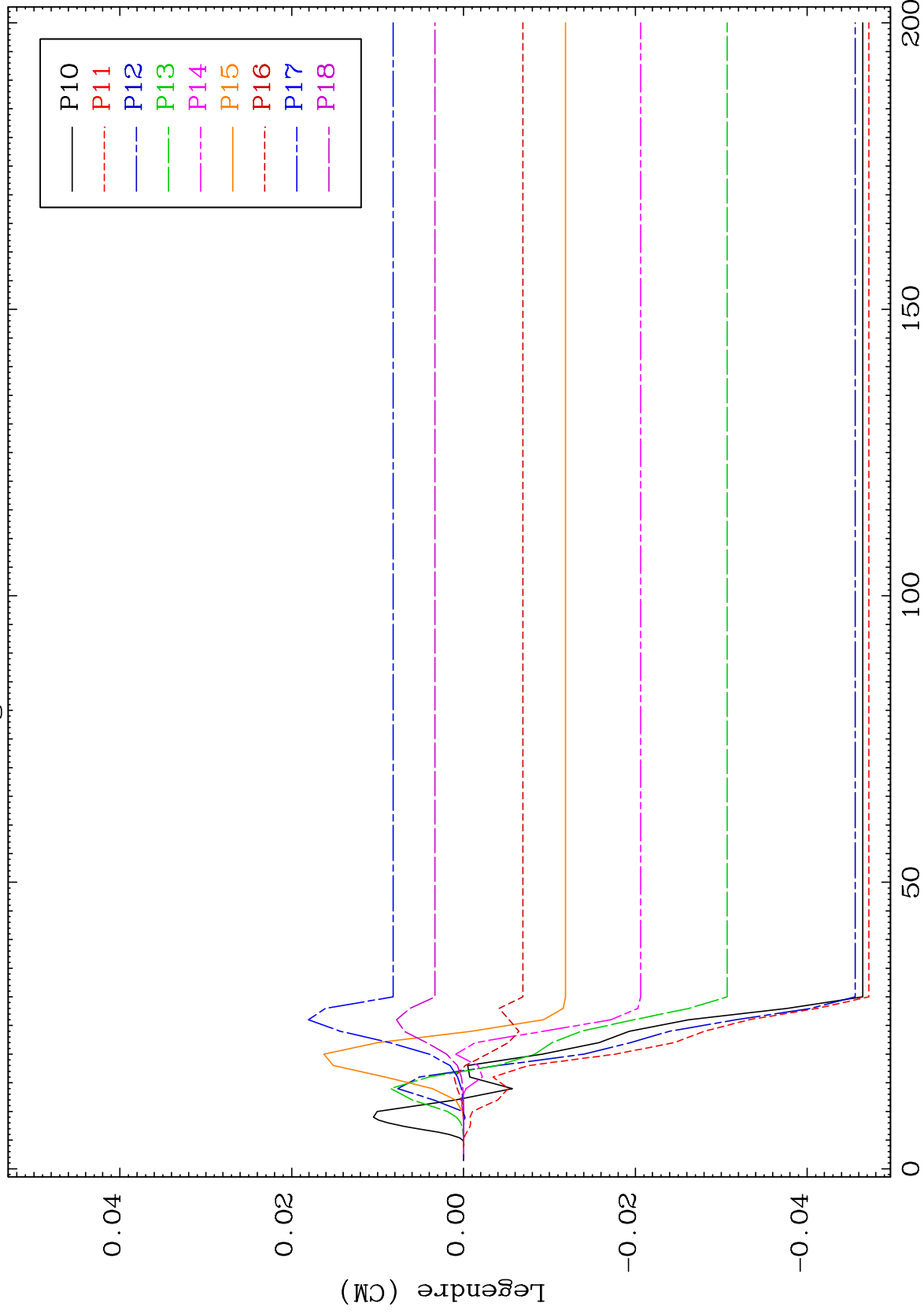
88

59-Pr-150

MAT 5952

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

59-Pr-150



89

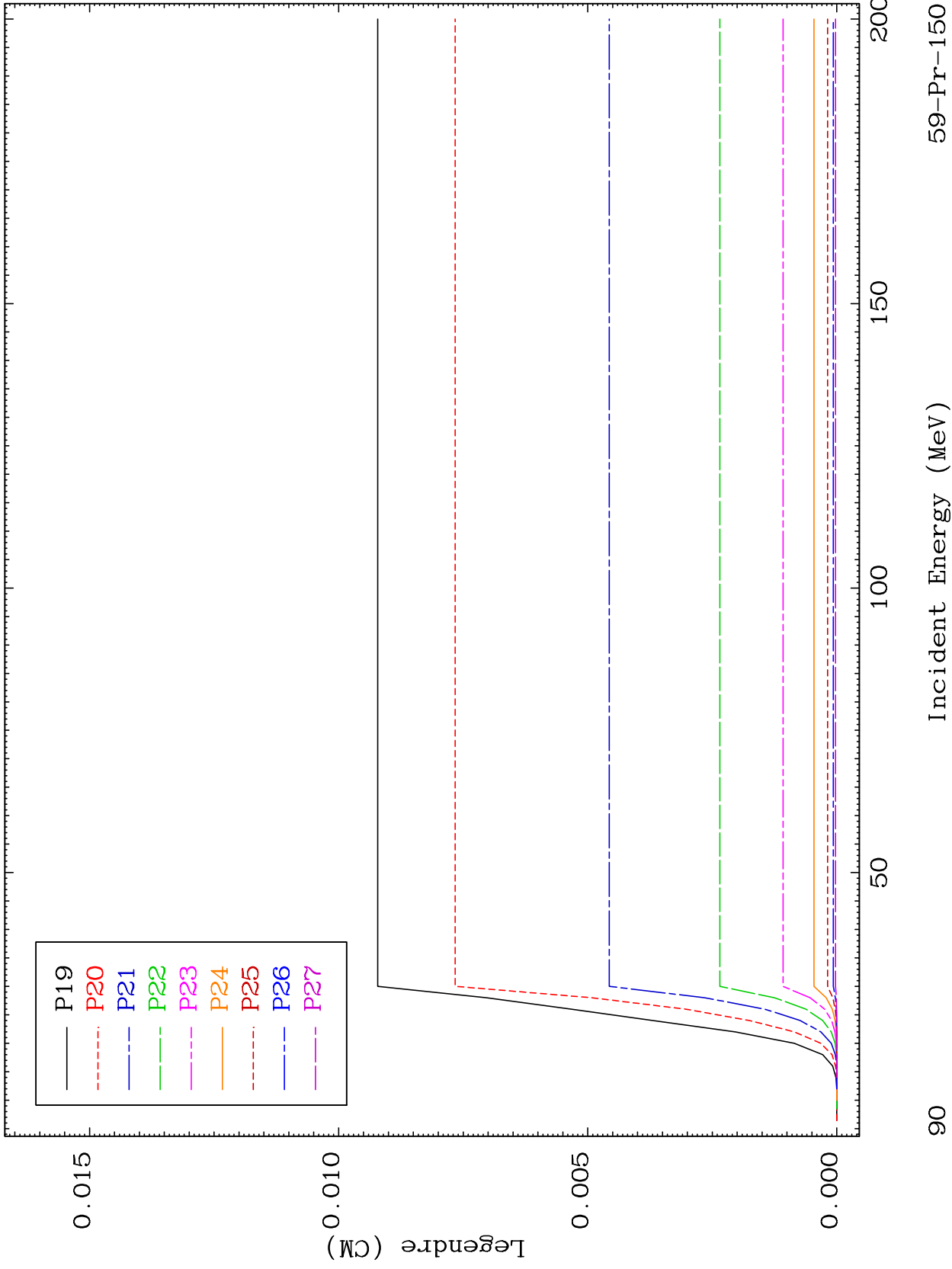
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

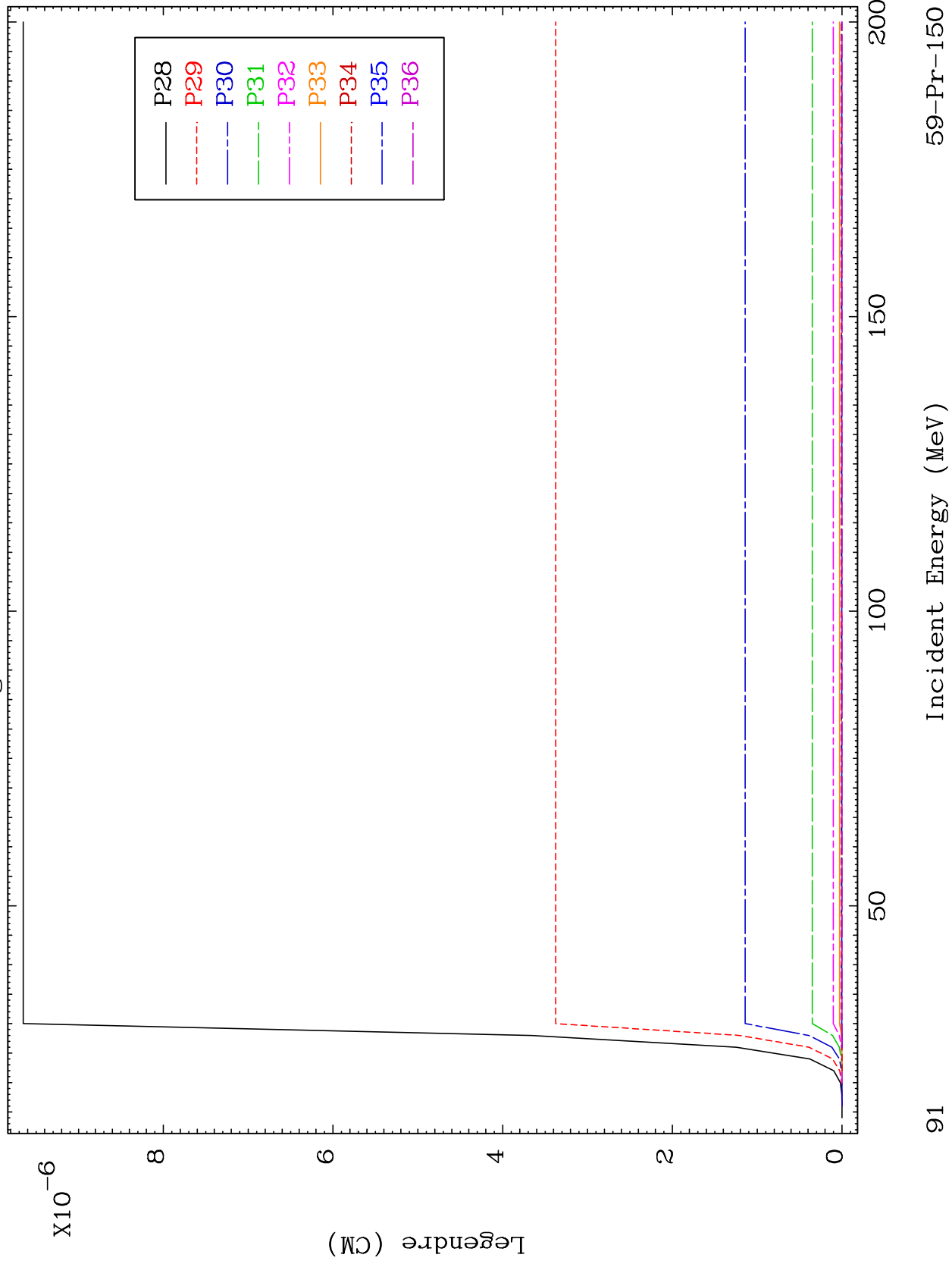
59-Pr-150

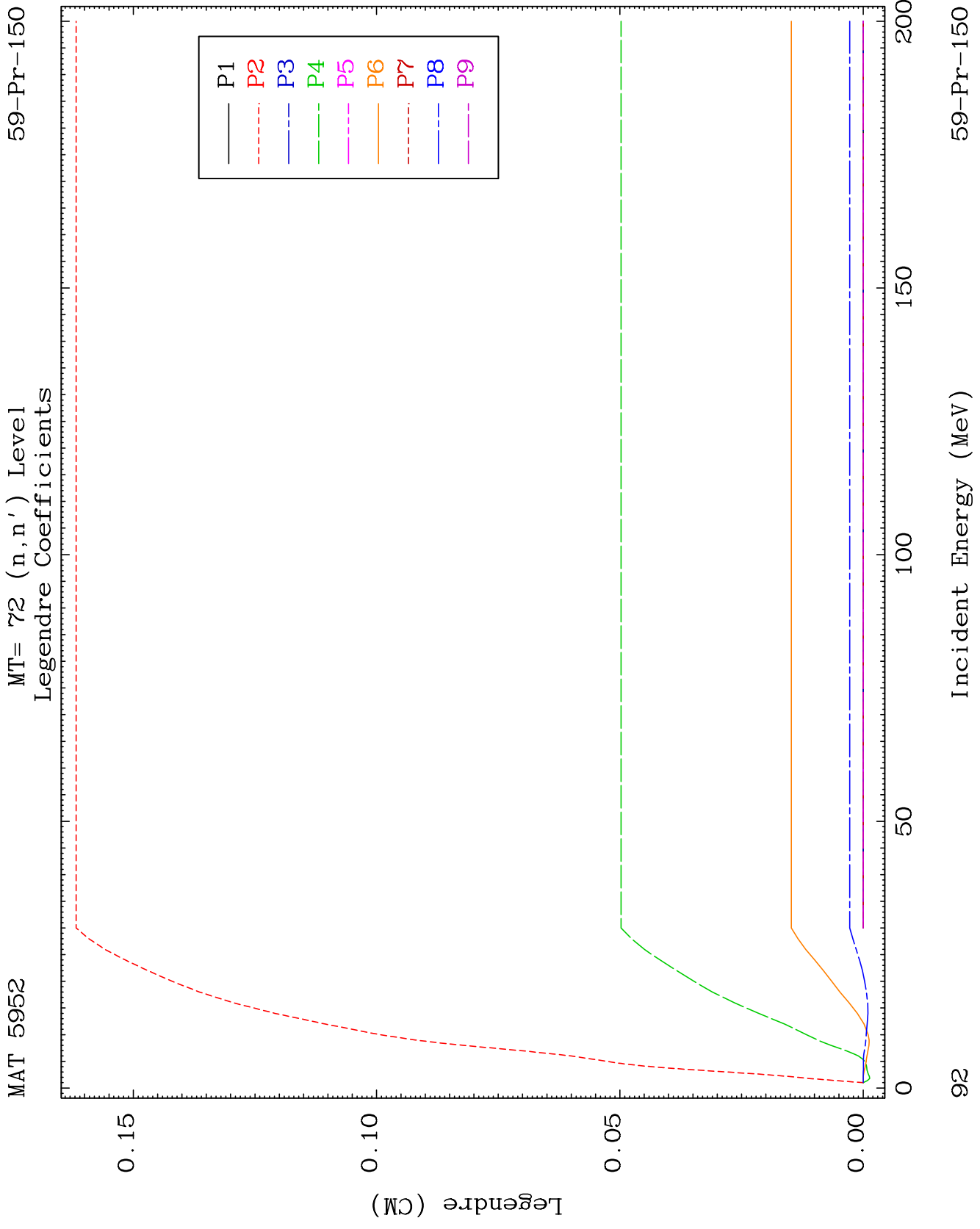


MAT 5952

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

59-Pr-150

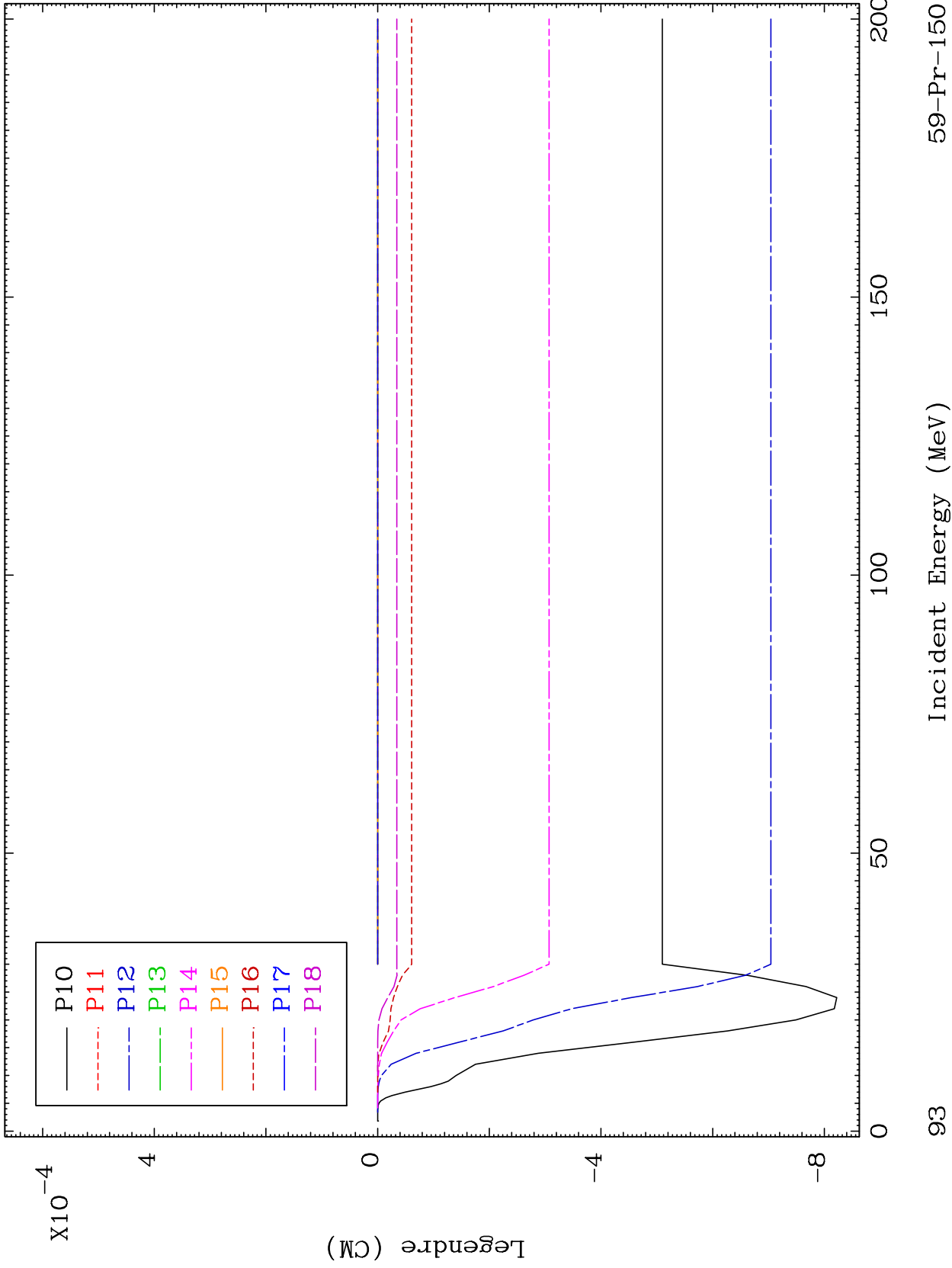


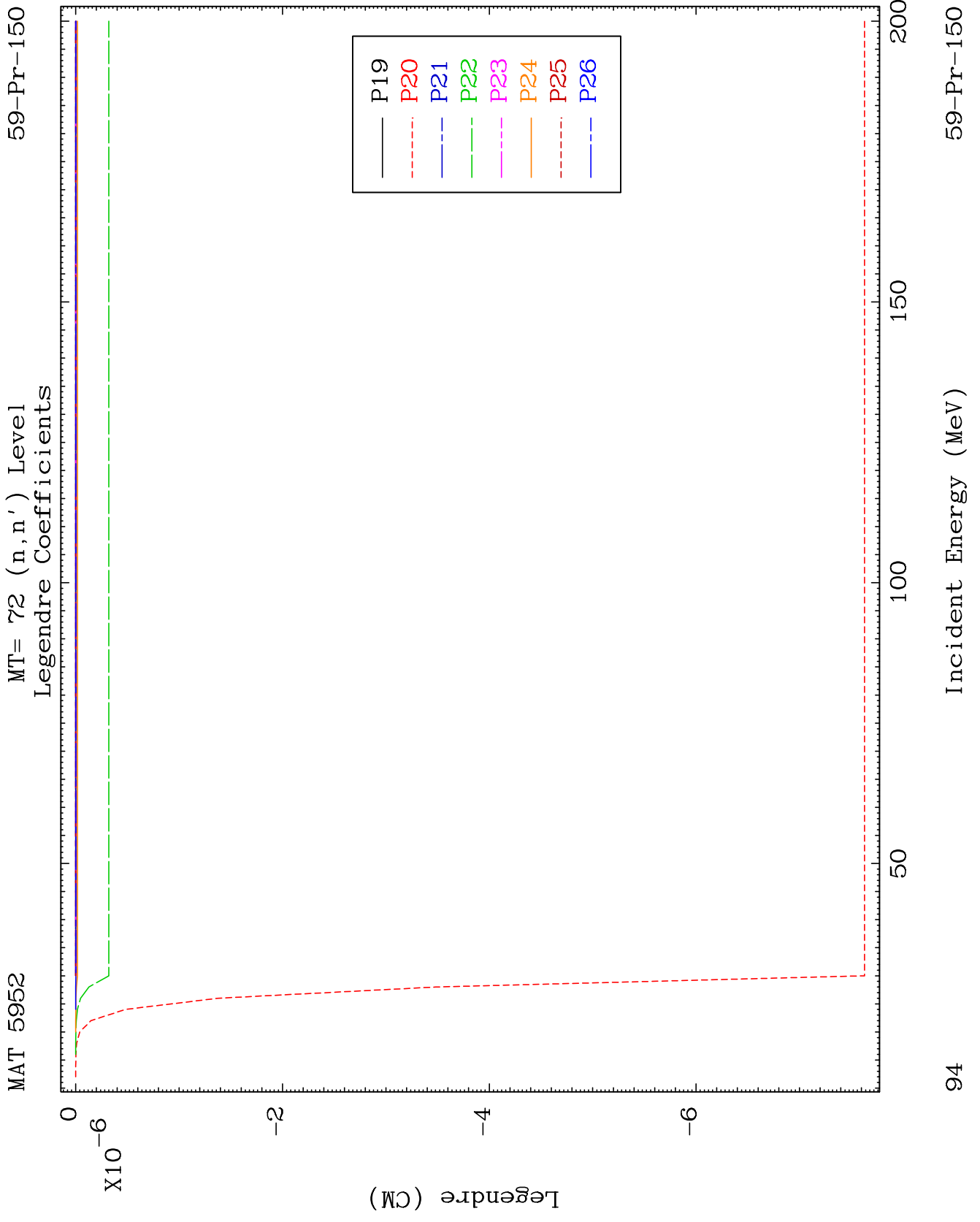


MAT 5952

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

59-Pr-150

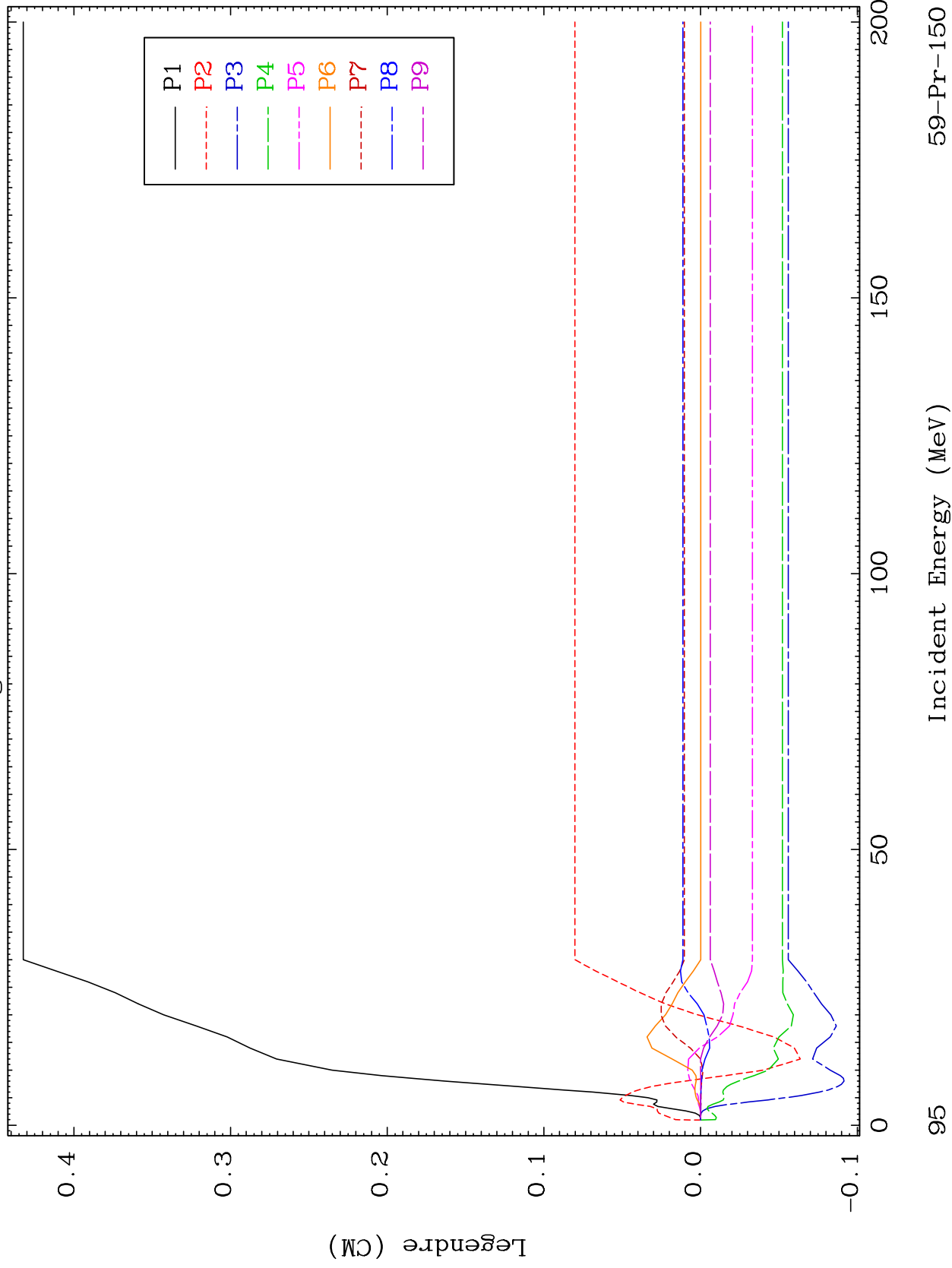




MAT 5952

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

59-Pr-150



59-Pr-150

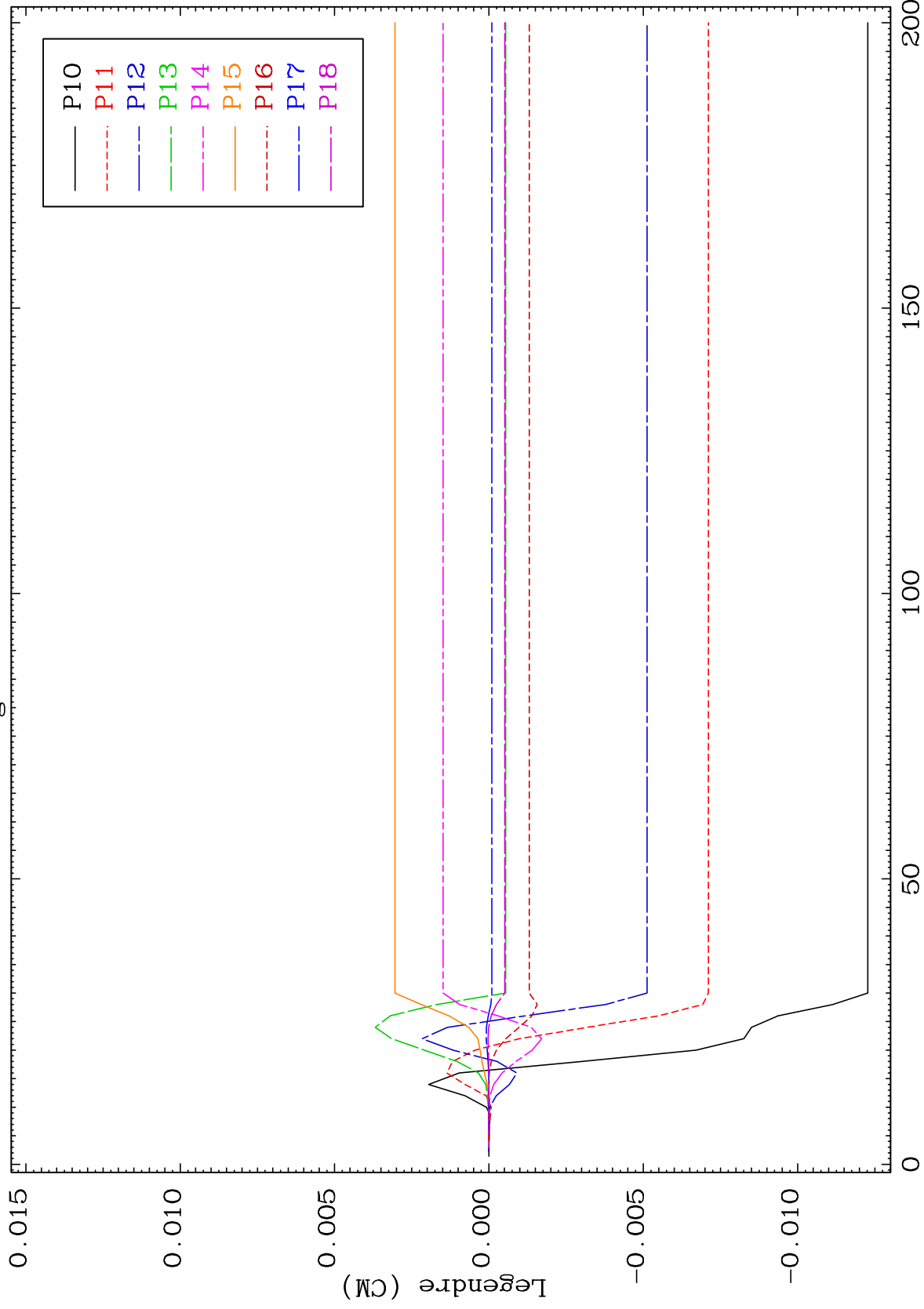
Incident Energy (MeV)

95

MAT 5952

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

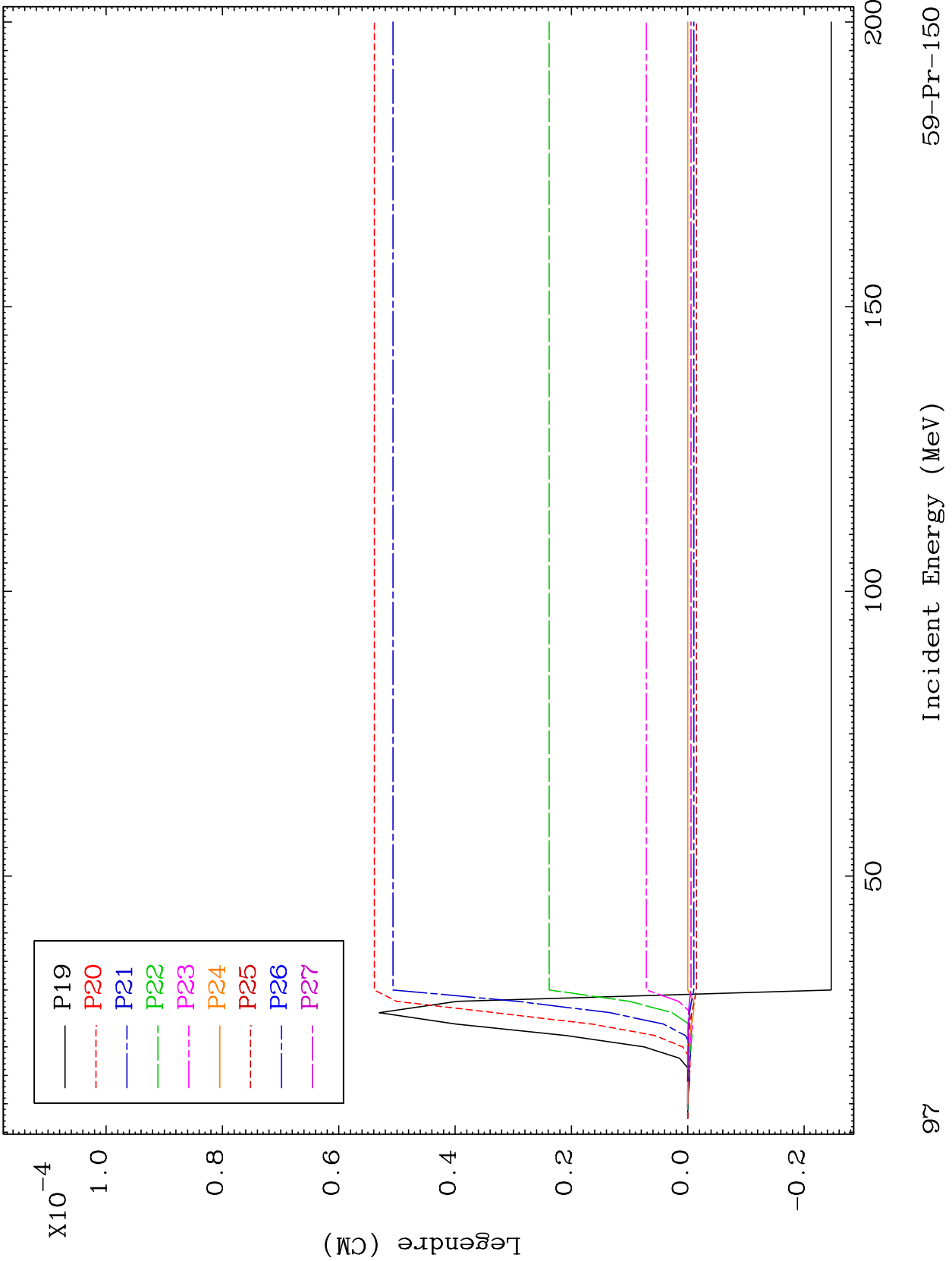
59-Pr-150



96

Incident Energy (MeV)

59-Pr-150

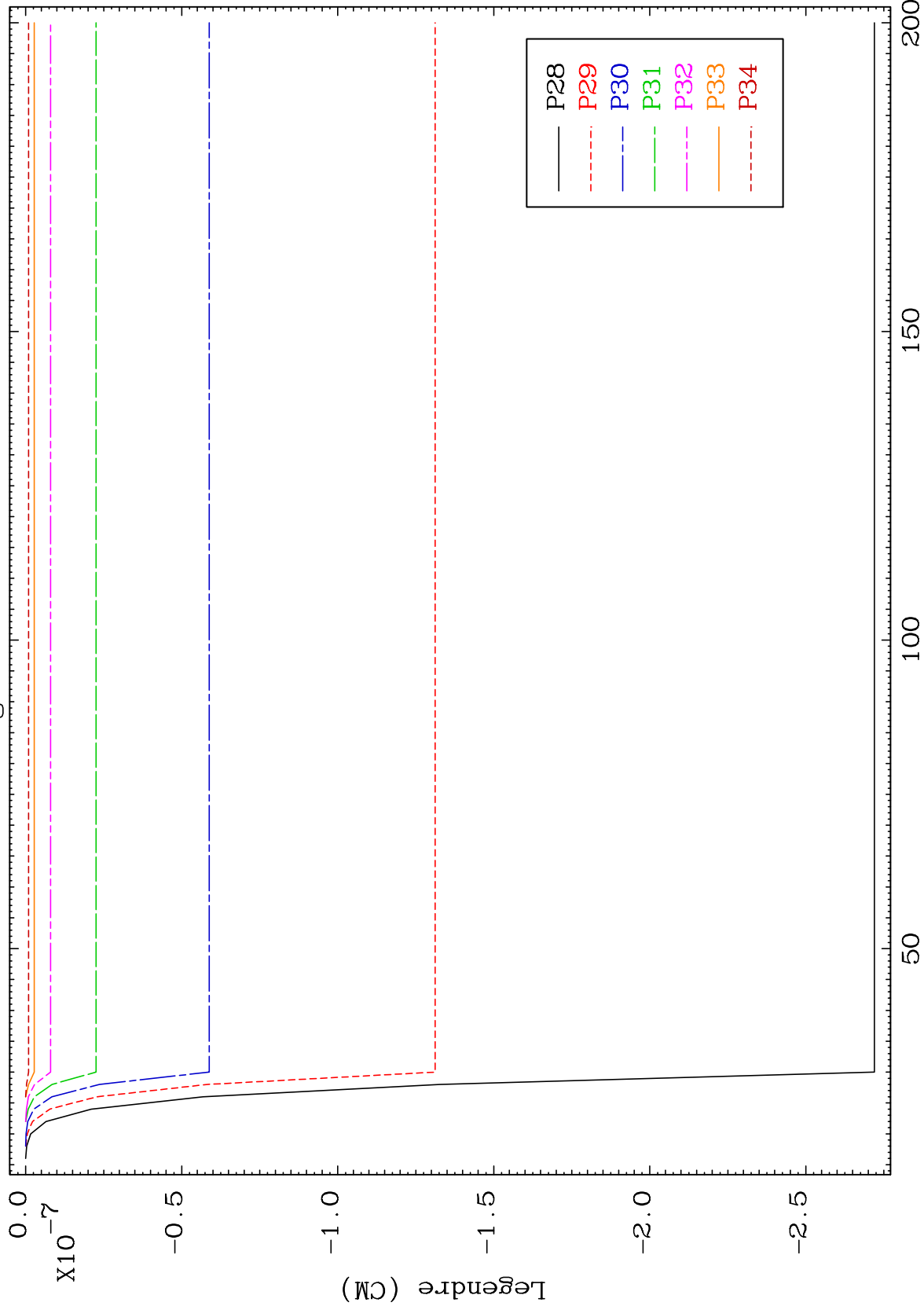


MAT 5952

MT= 73 (n,n') Level

59-Pr-150

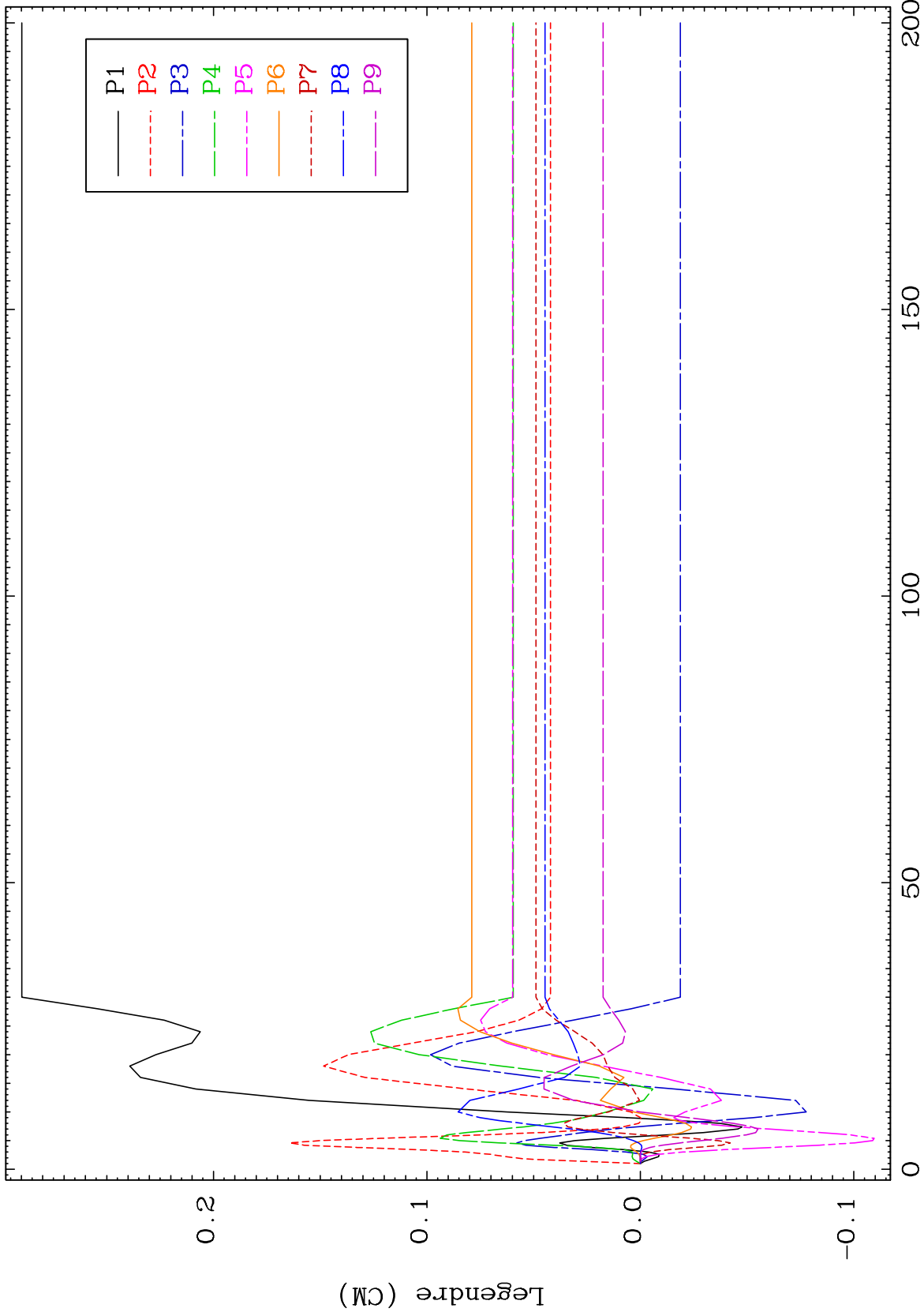
Legendre Coefficients



MAT 5952

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

59-Pr-150



99

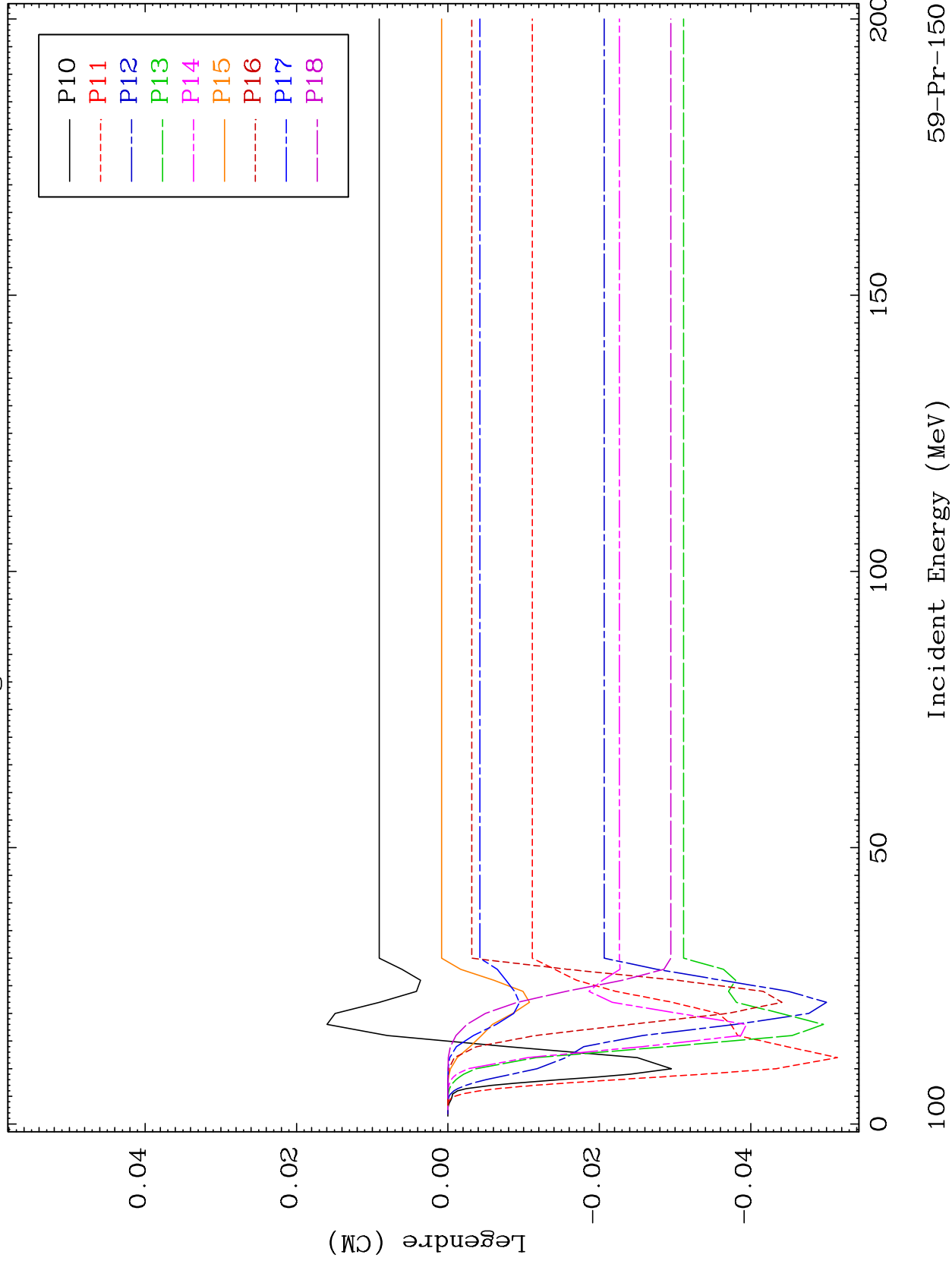
Incident Energy (MeV)

59-Pr-150

MAT 5952

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

59-Pr-150



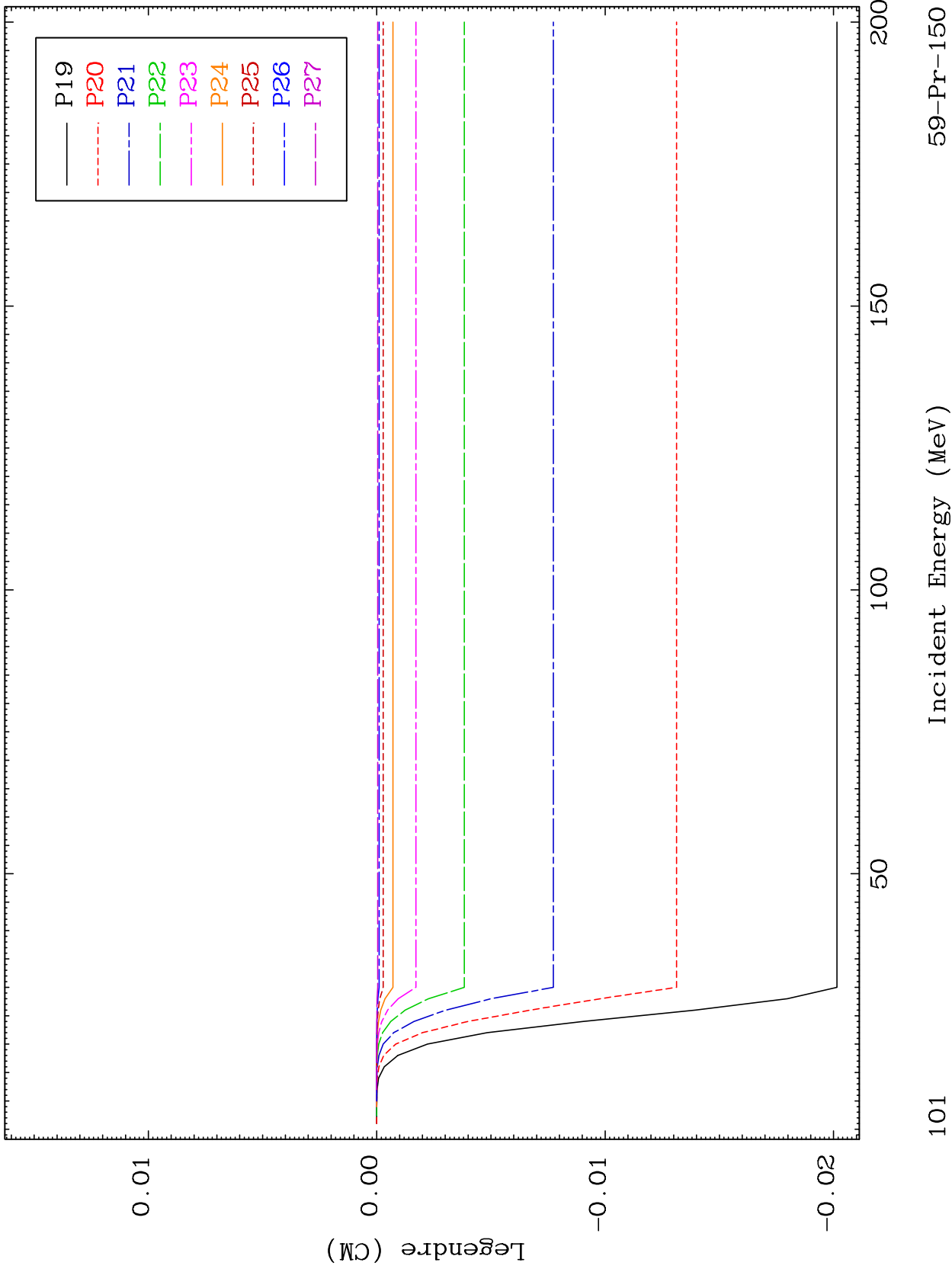
59-Pr-150

Incident Energy (MeV)

MAT 5952

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

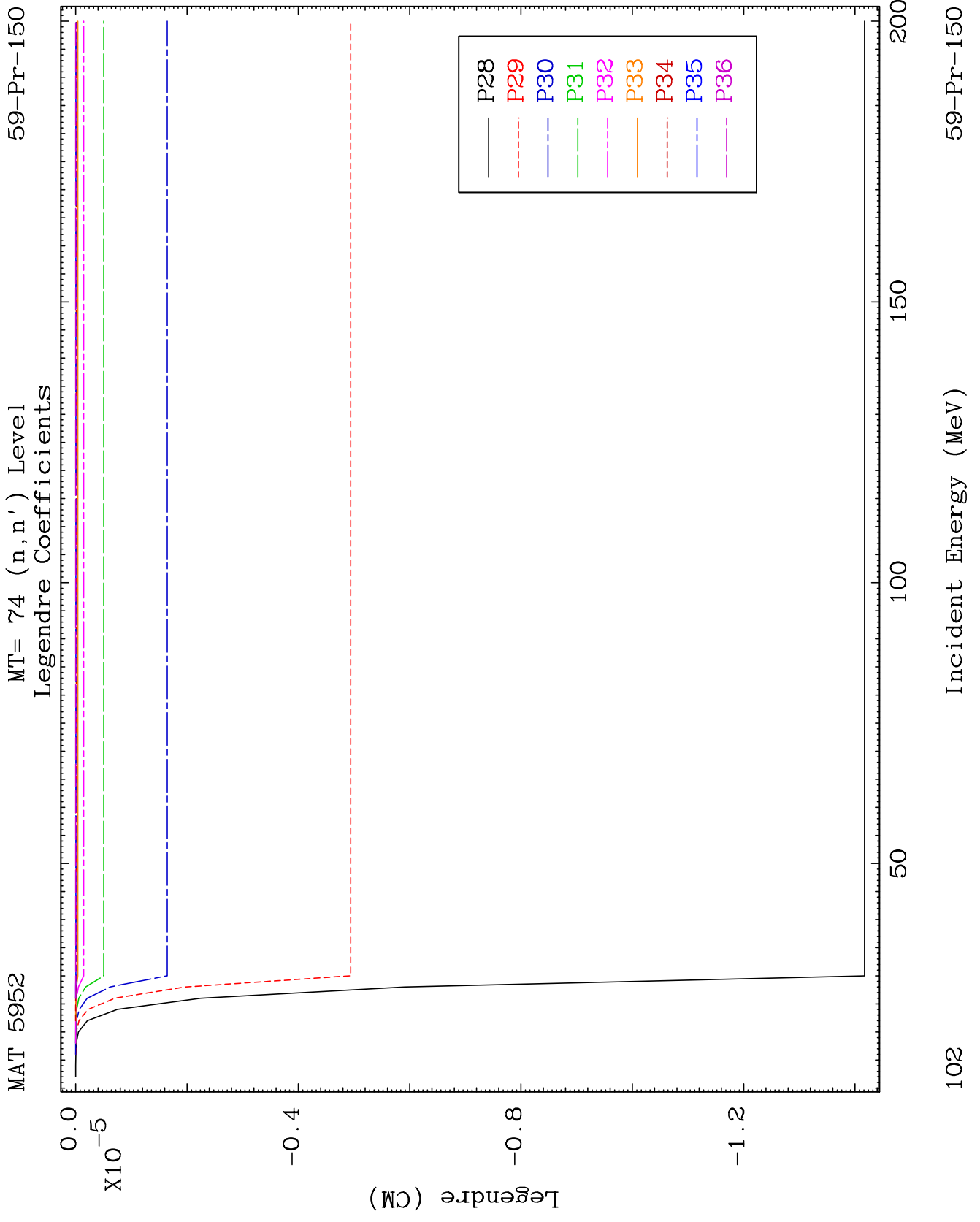
59-Pr-150

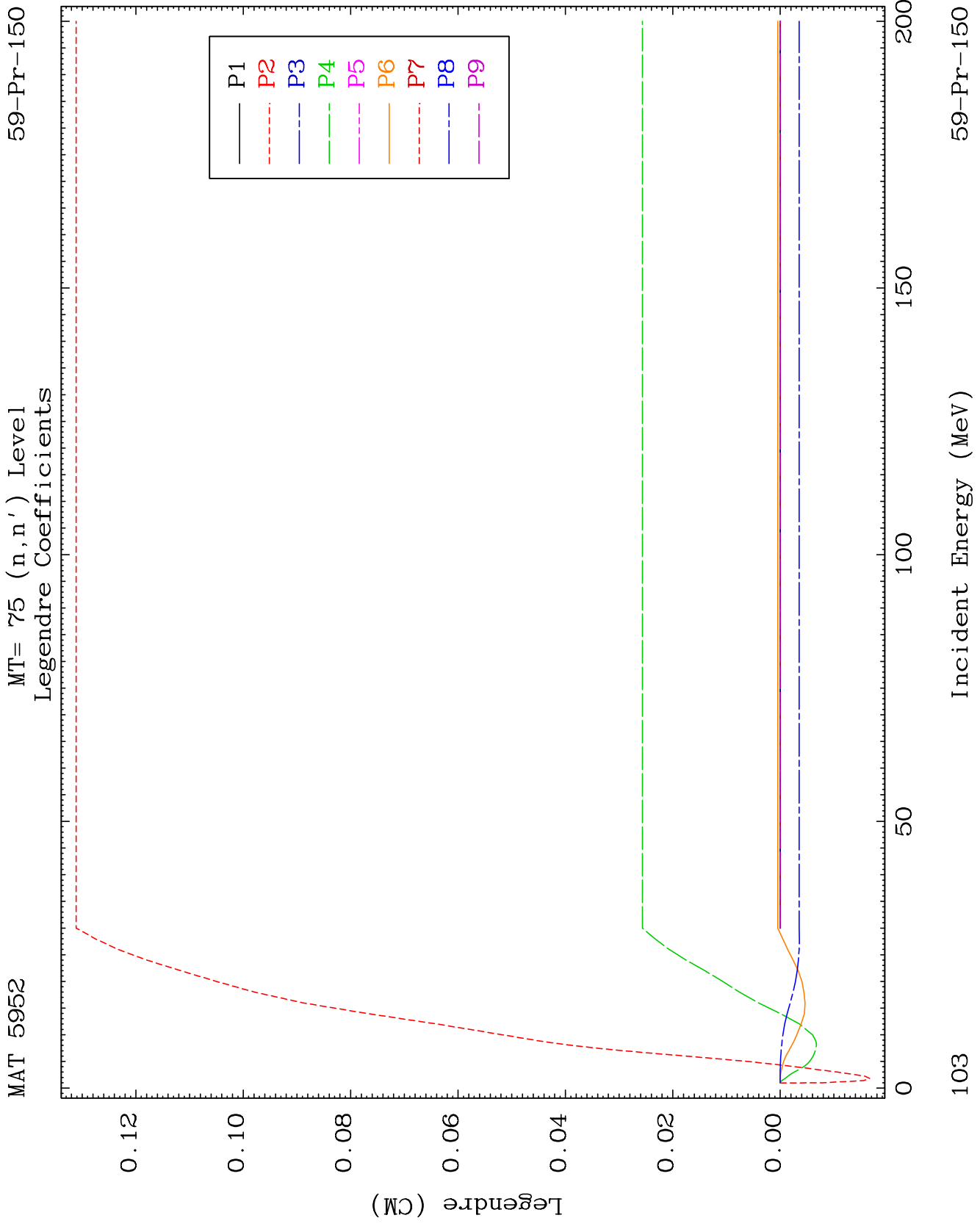


101

Incident Energy (MeV)

59-Pr-150

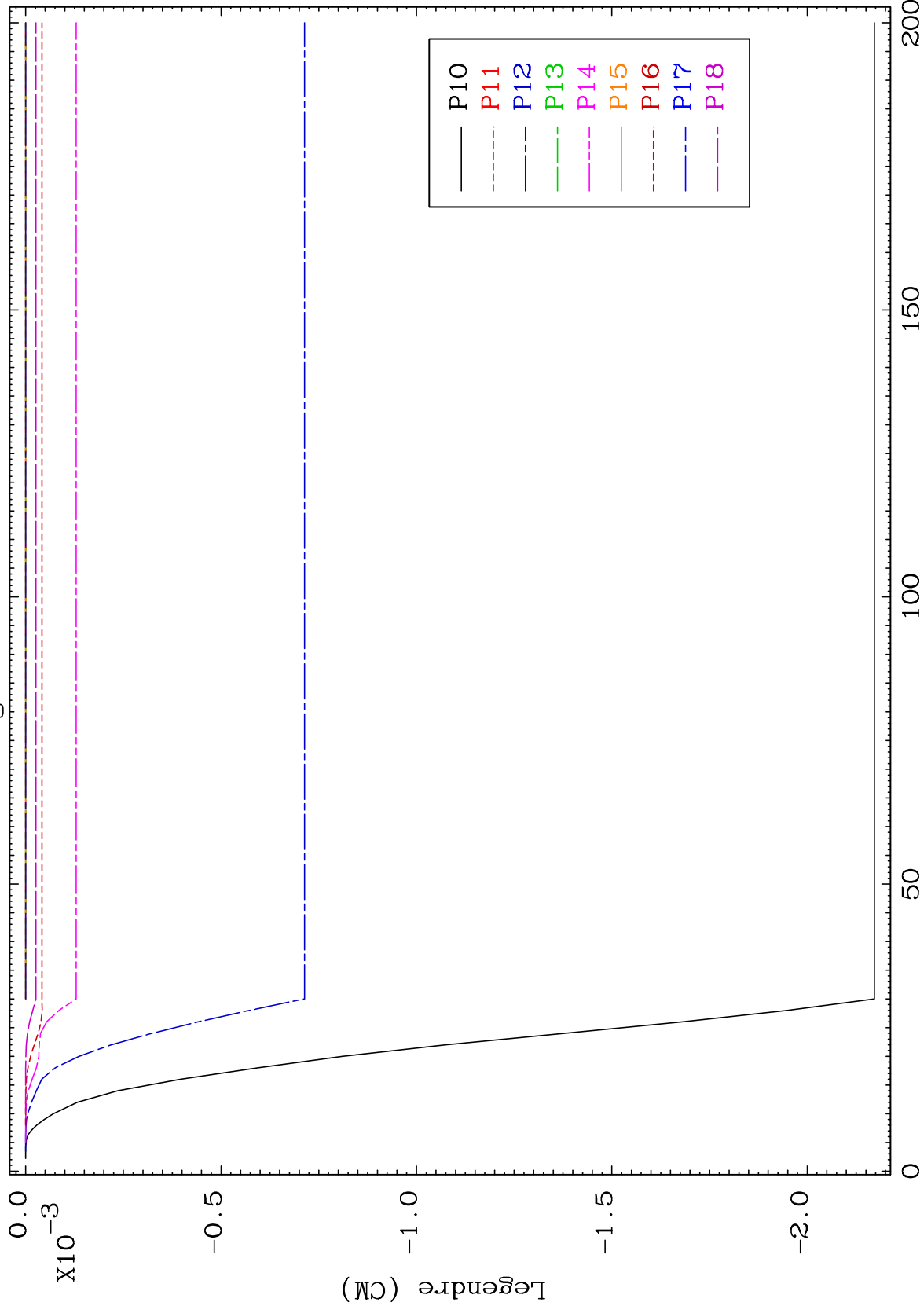




MAT 5952

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

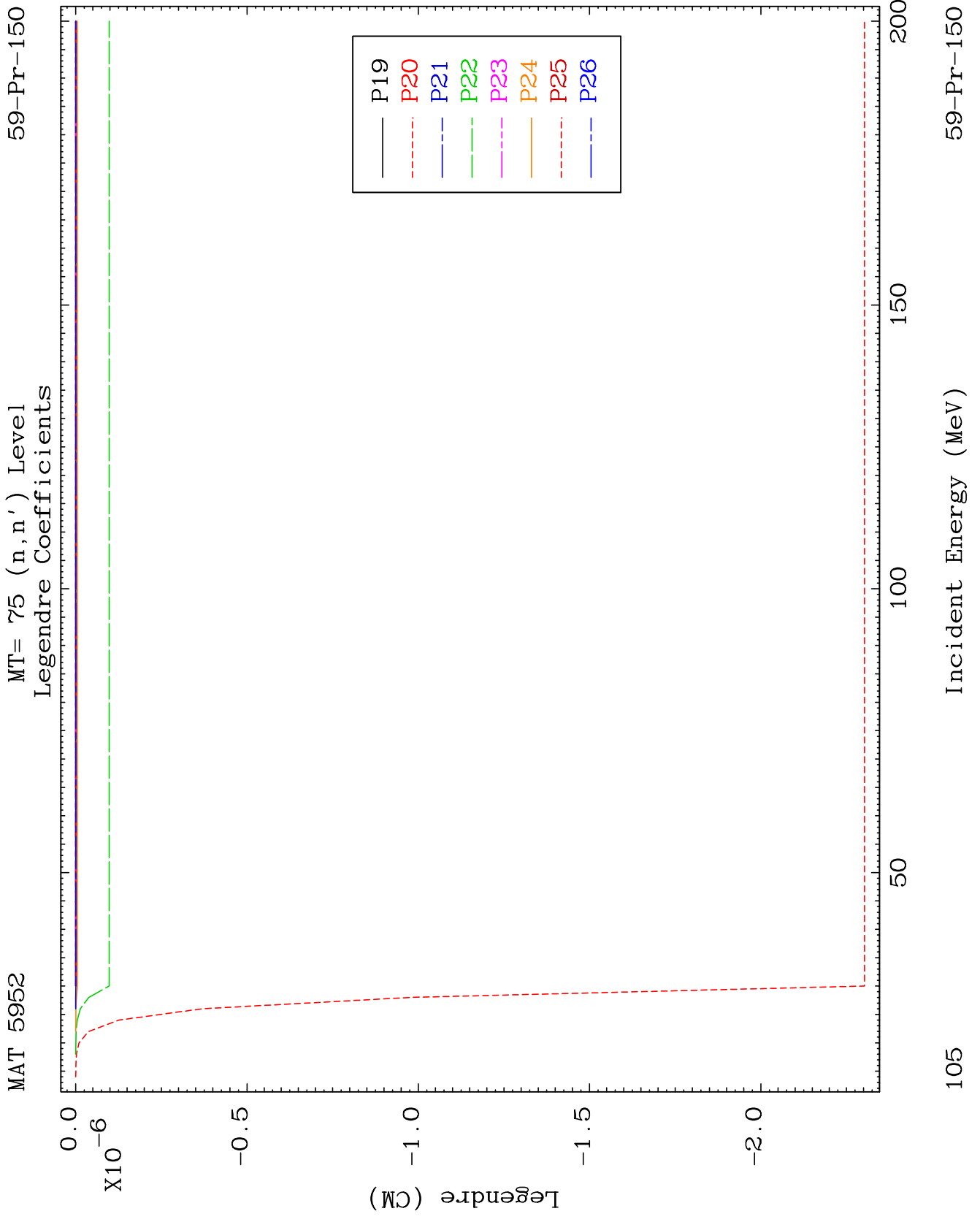
59-Pr-150



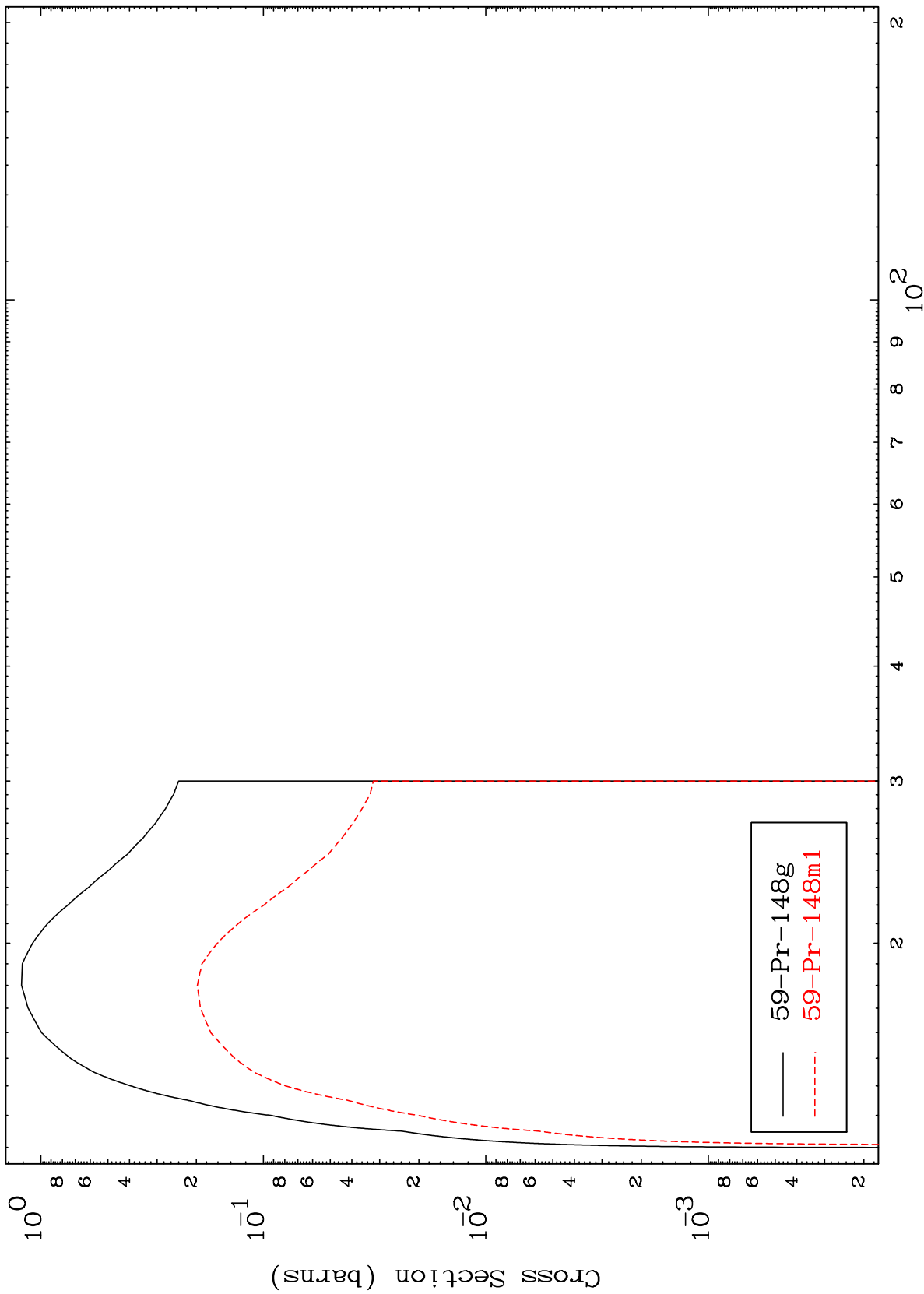
104

Incident Energy (MeV)

59-Pr-150



(n,3n)
Radionuclide Production Cross Section

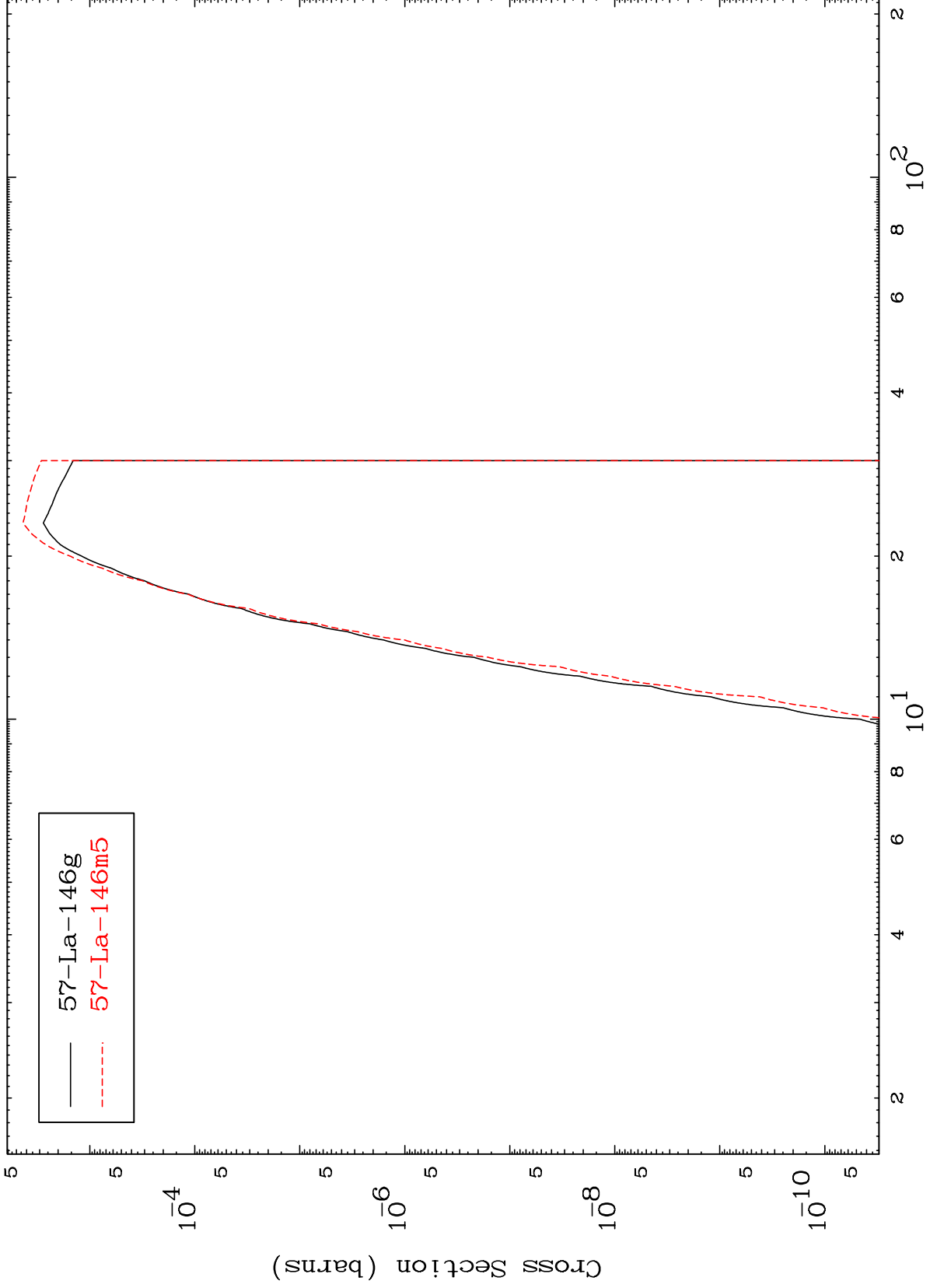


MAT 5952

59-Pr-150

(n,n') α

Radionuclide Production Cross Section



107

59-Pr-150

Incident Energy (MeV)