

Program EVALPLOT
(Version 2018-1)

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

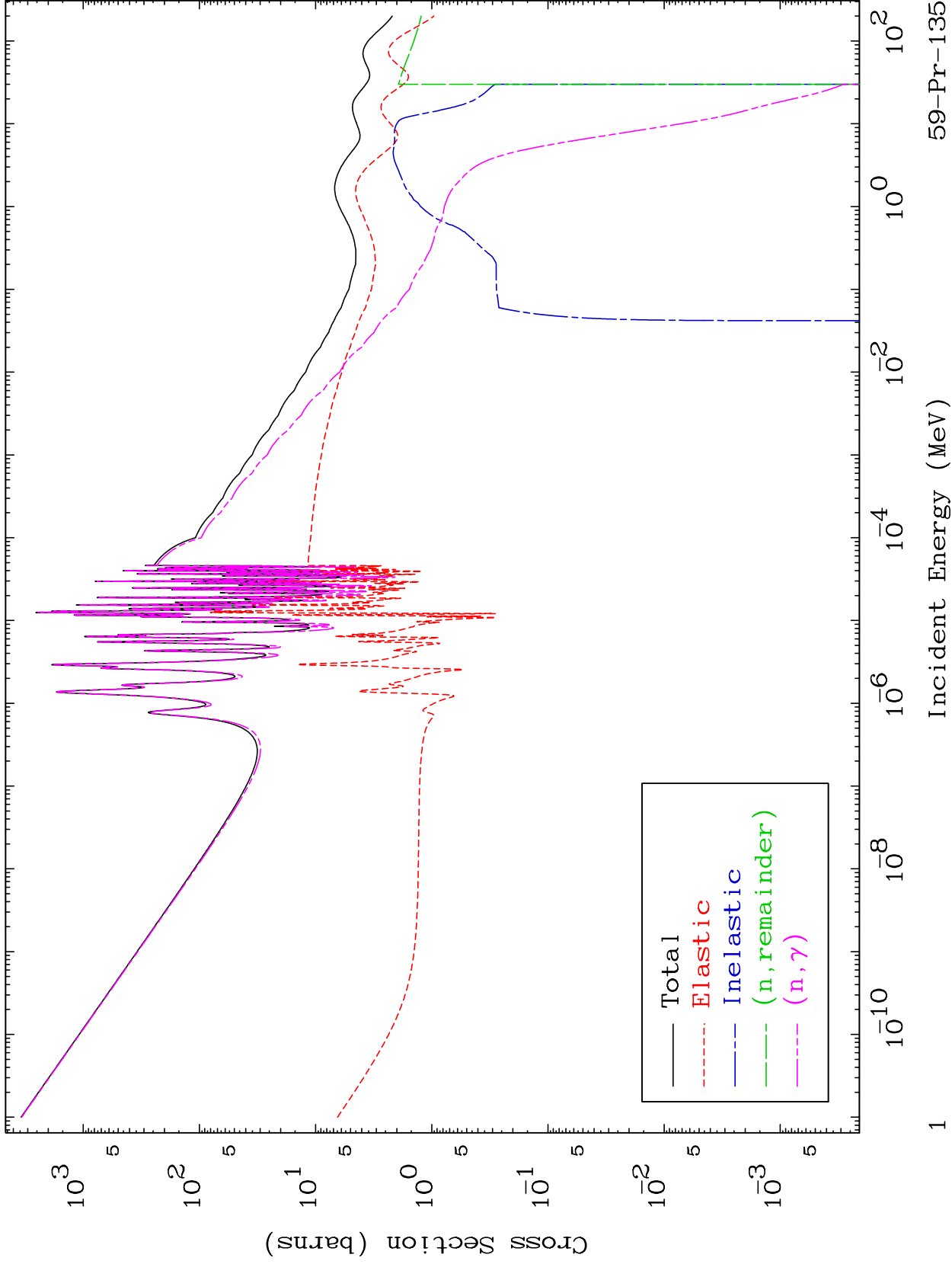
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5907

Major
293 Kelvin Cross Sections

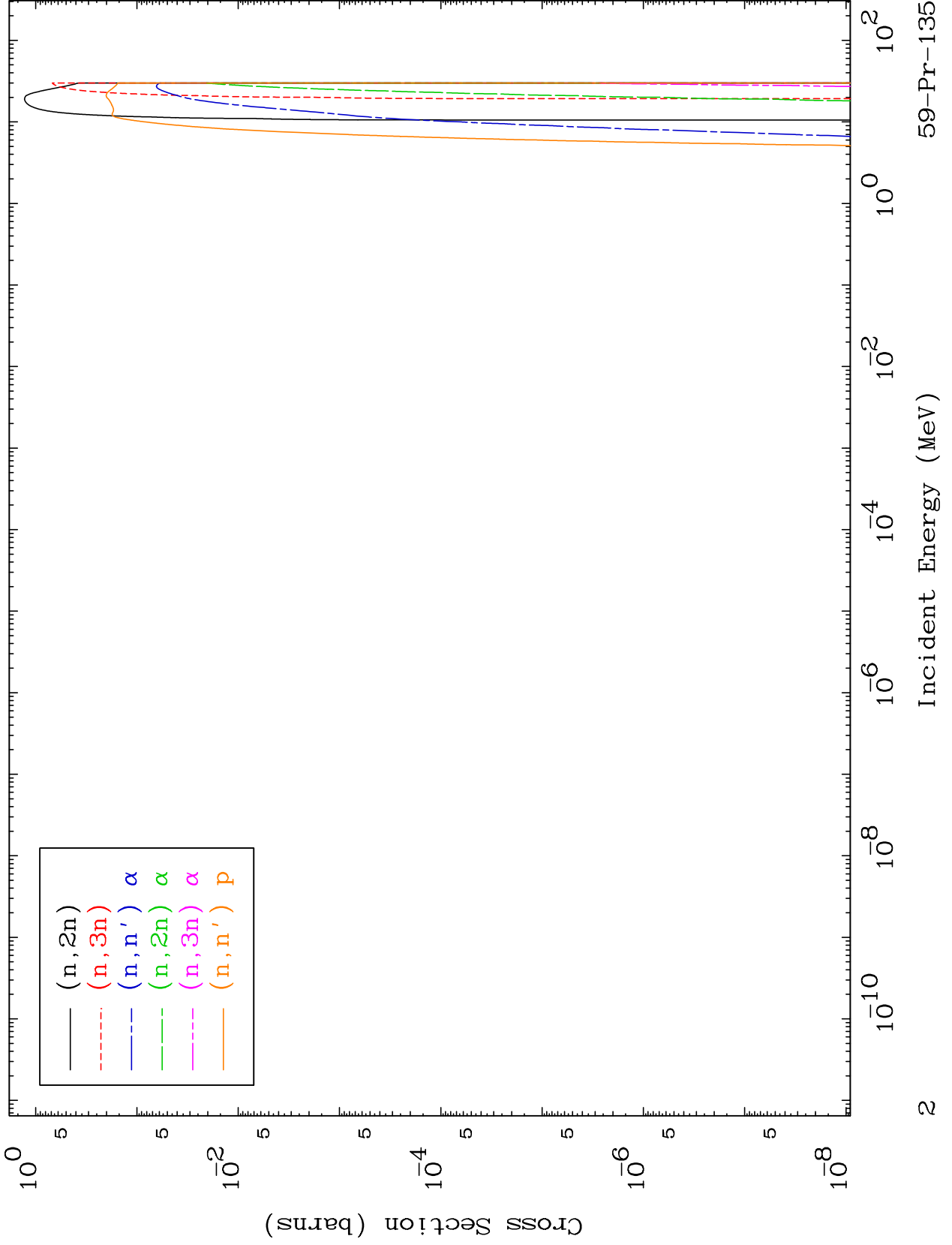
59-Pr-135



MAT 5907

Neutron Production
293 Kelvin Cross Sections

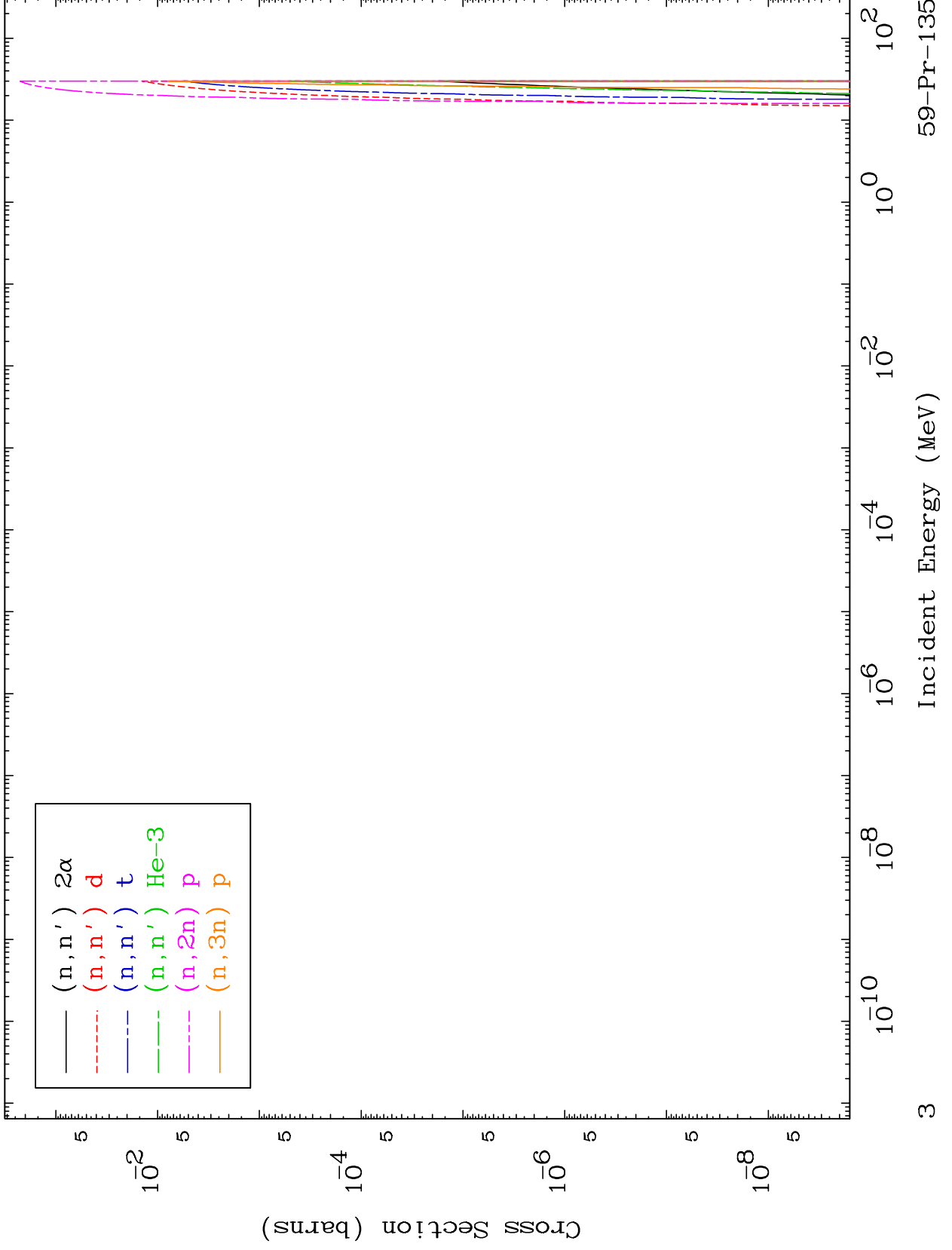
59-Pr-135



MAT 5907

Neutron Production
293 Kelvin Cross Sections

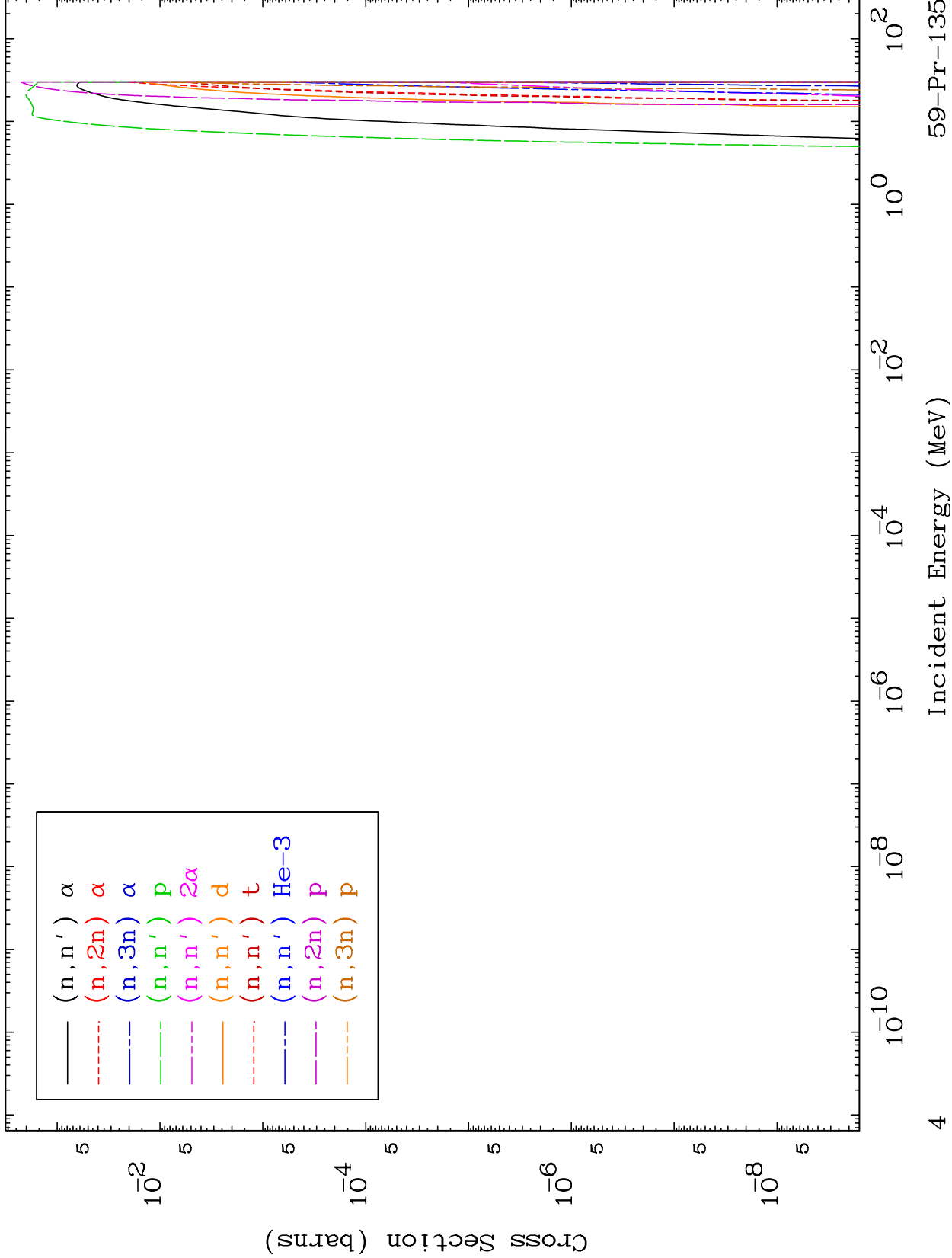
59-Pr-135



MAT 5907

Charged Particle
293 Kelvin Cross Sections

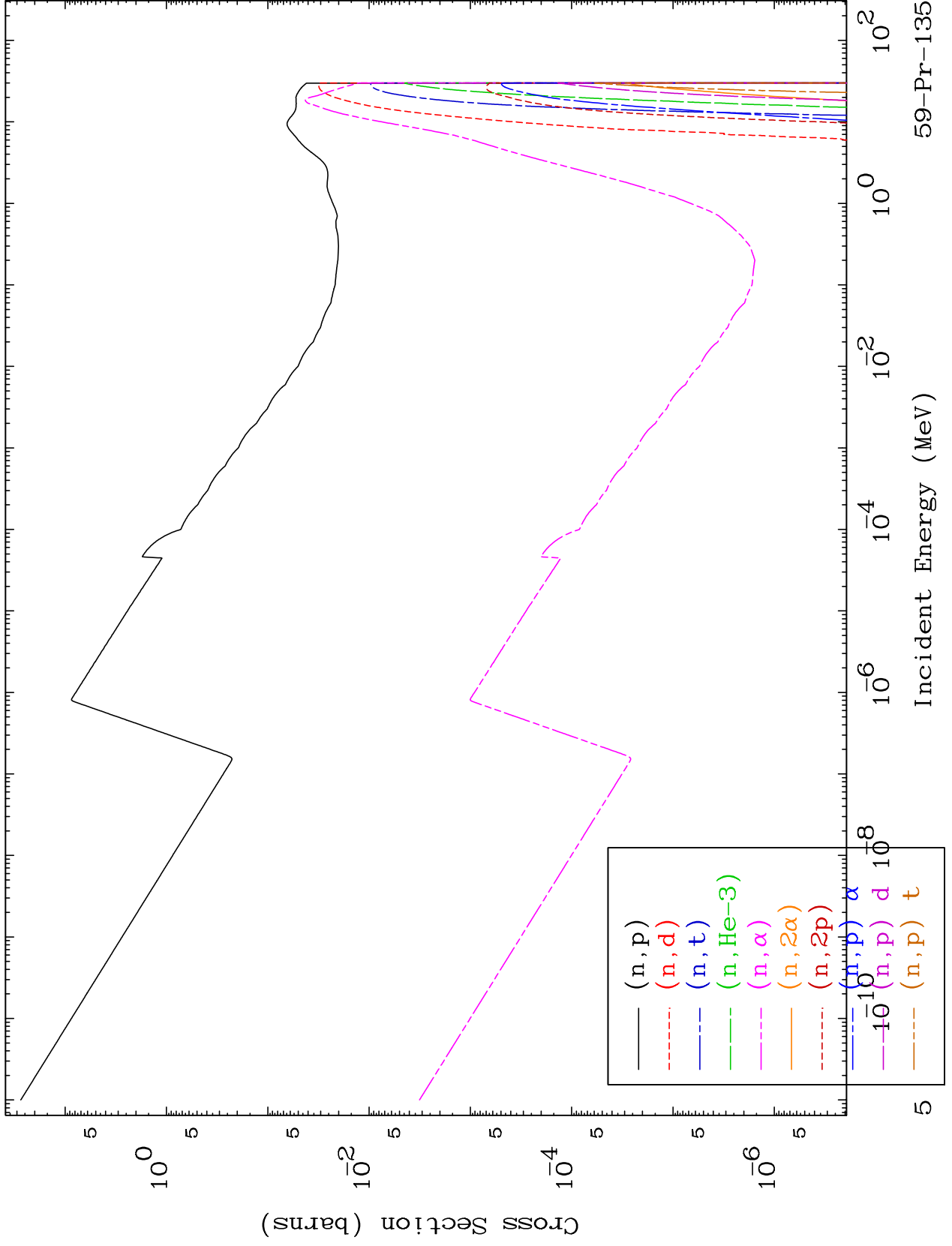
59-Pr-135



MAT 5907

Charged Particle
293 Kelvin Cross Sections

59-Pr-135

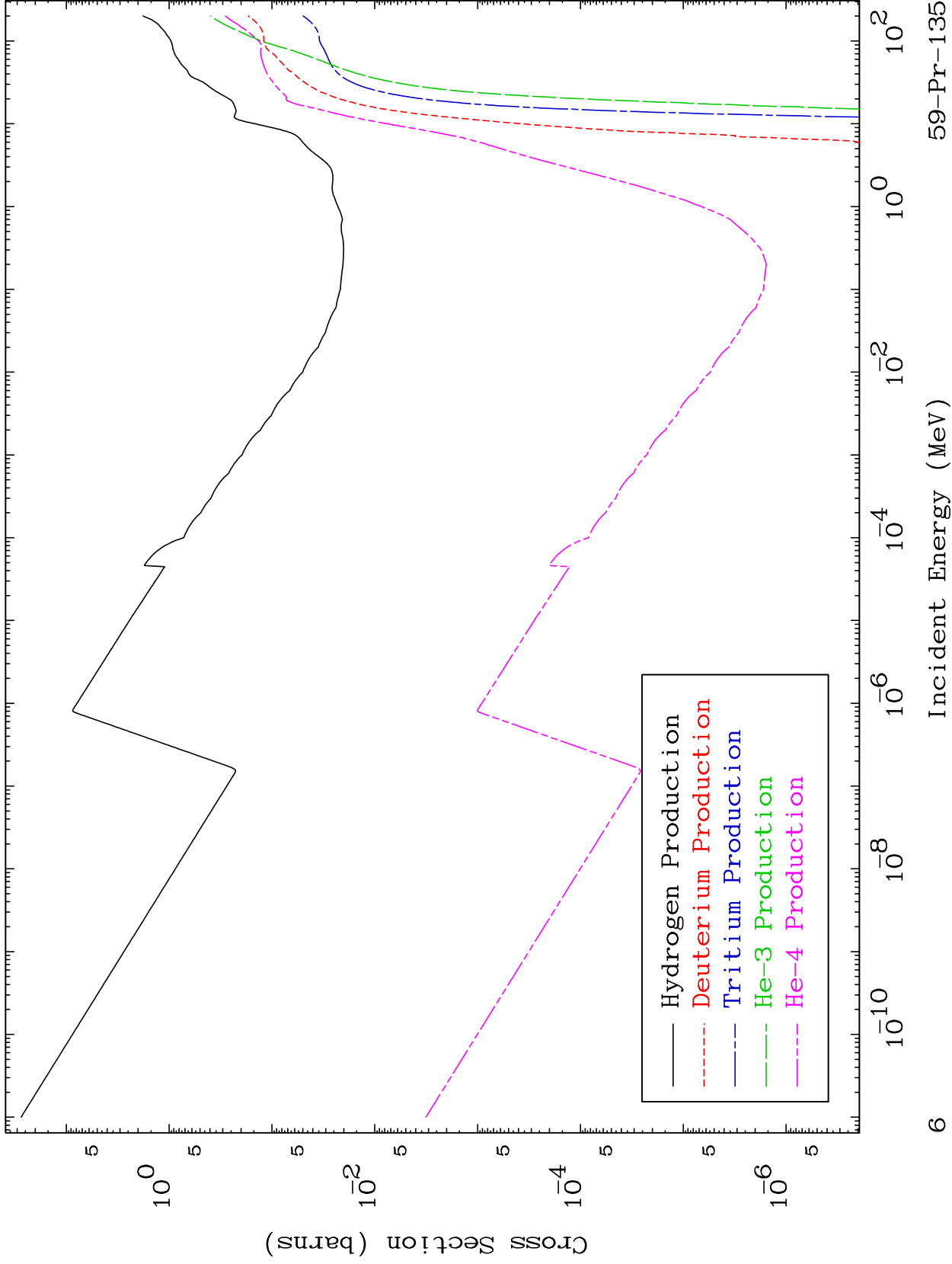


59-Pr-135

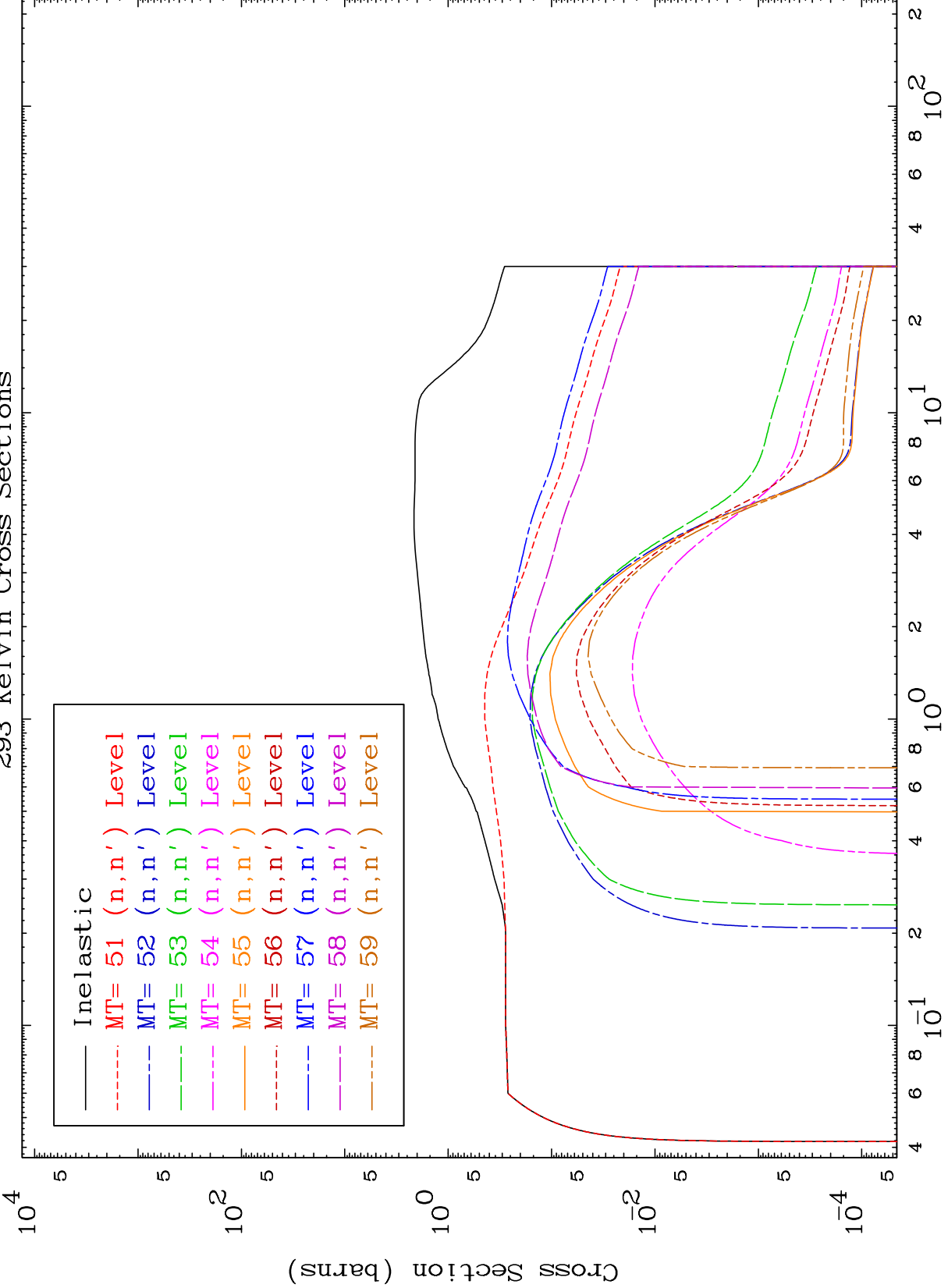
MAT 5907

Particle Production
293 Kelvin Cross Sections

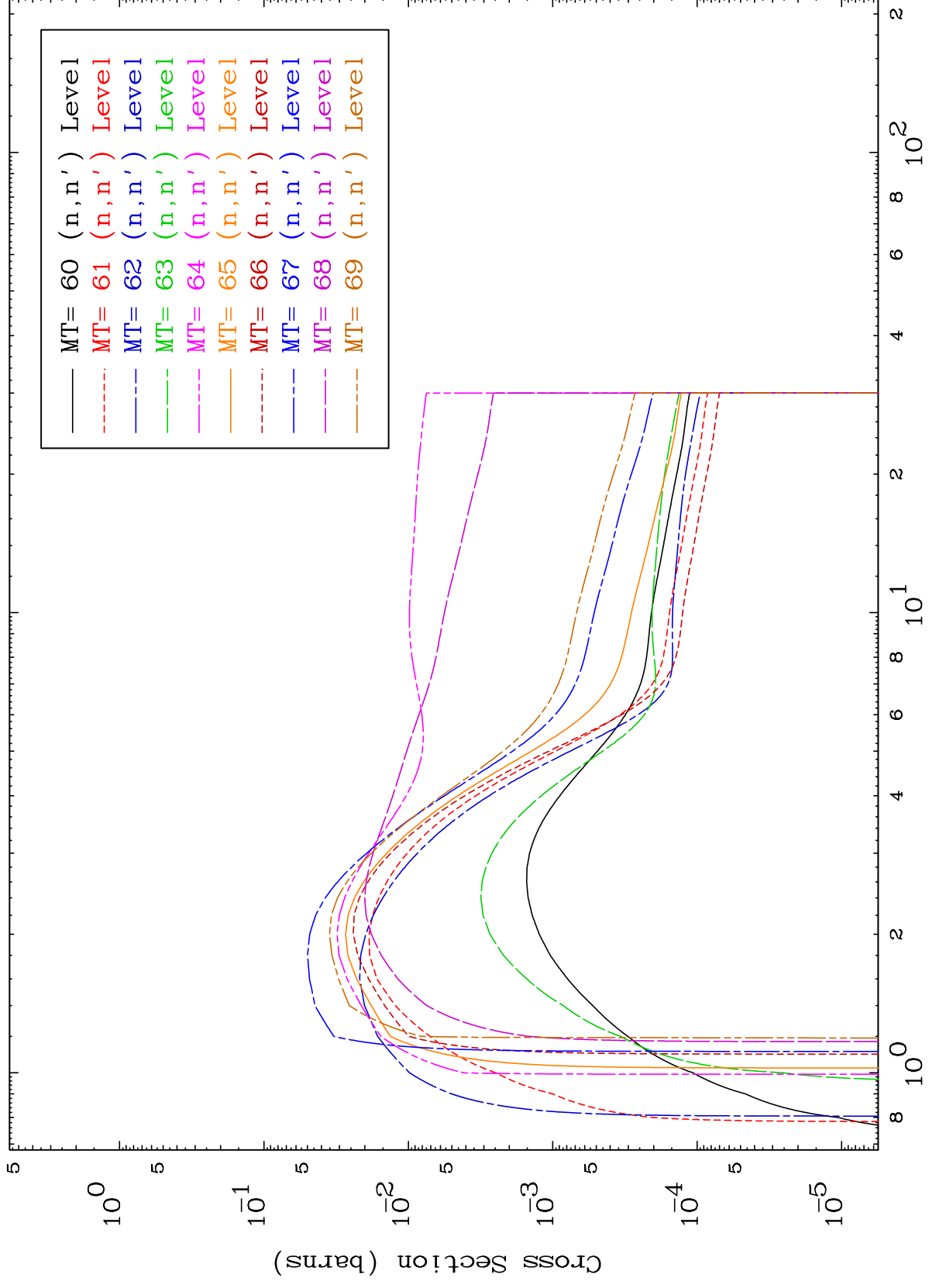
59-Pr-135



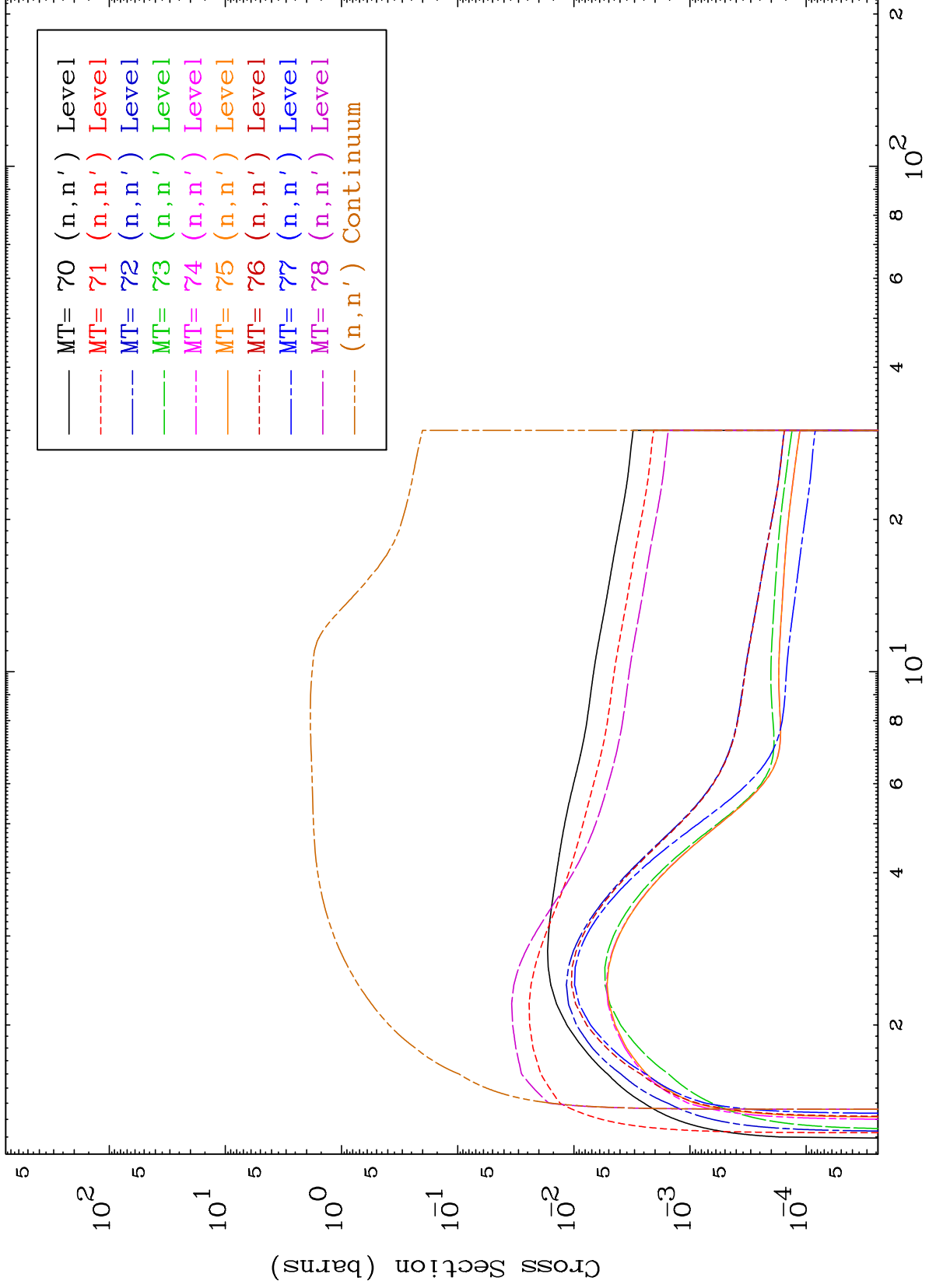
293 Kelvin Cross Sections



293 Kelvin Cross Sections



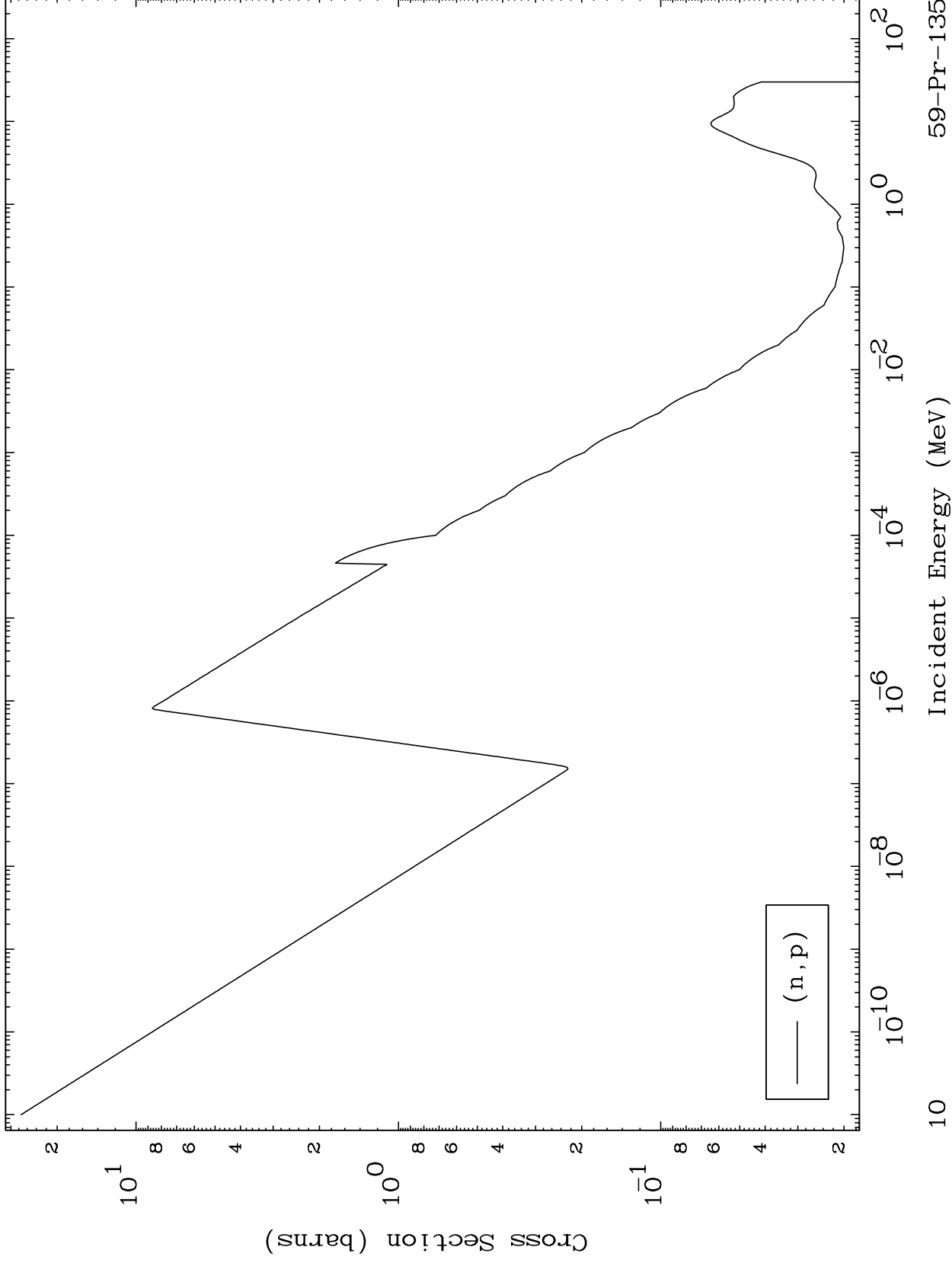
293 Kelvin Cross Sections



MAT 5907

(n,p) Levels
293 Kelvin Cross Sections

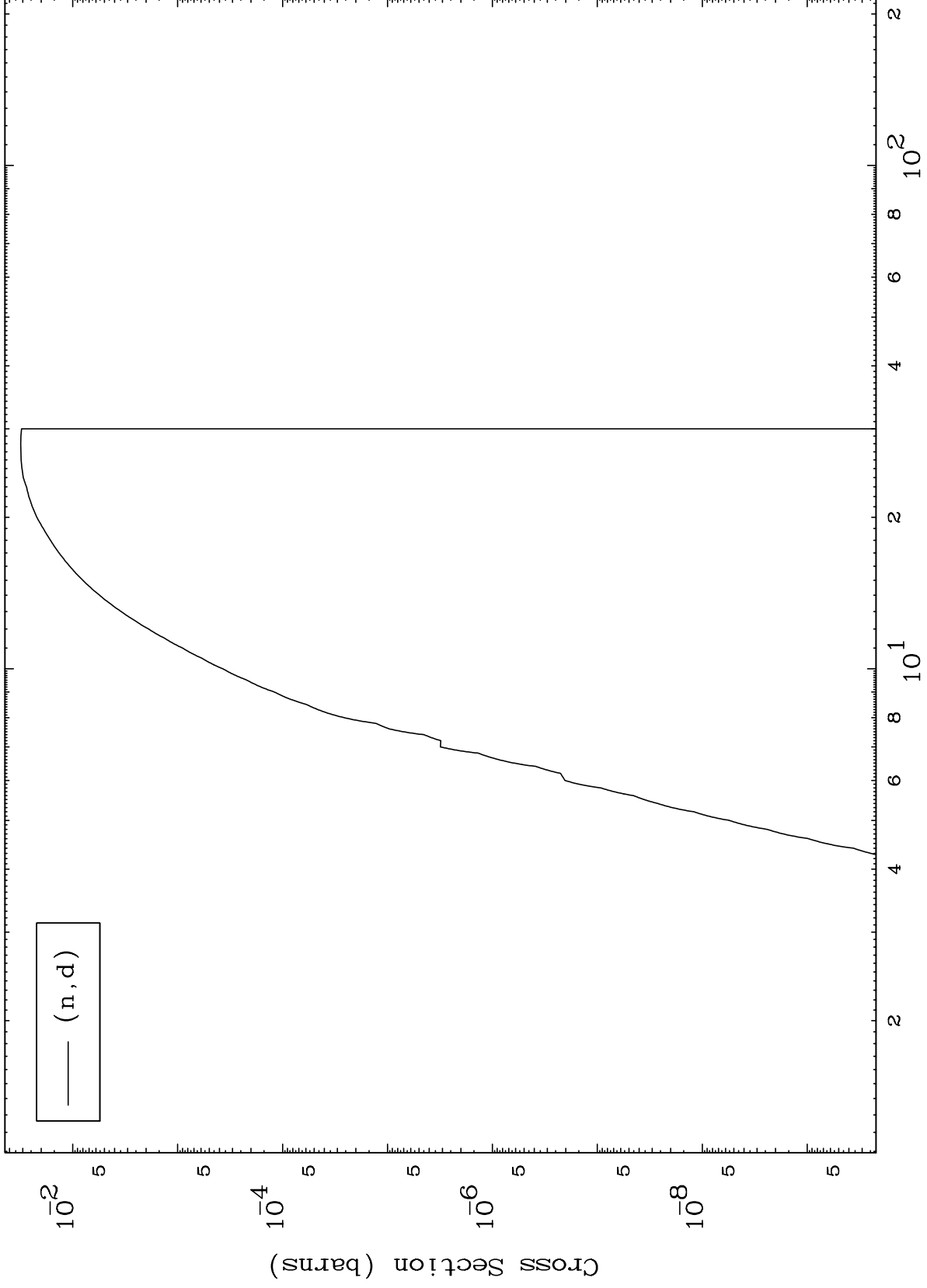
59-Pr-135



MAT 5907

(n,d) Levels
293 Kelvin Cross Sections

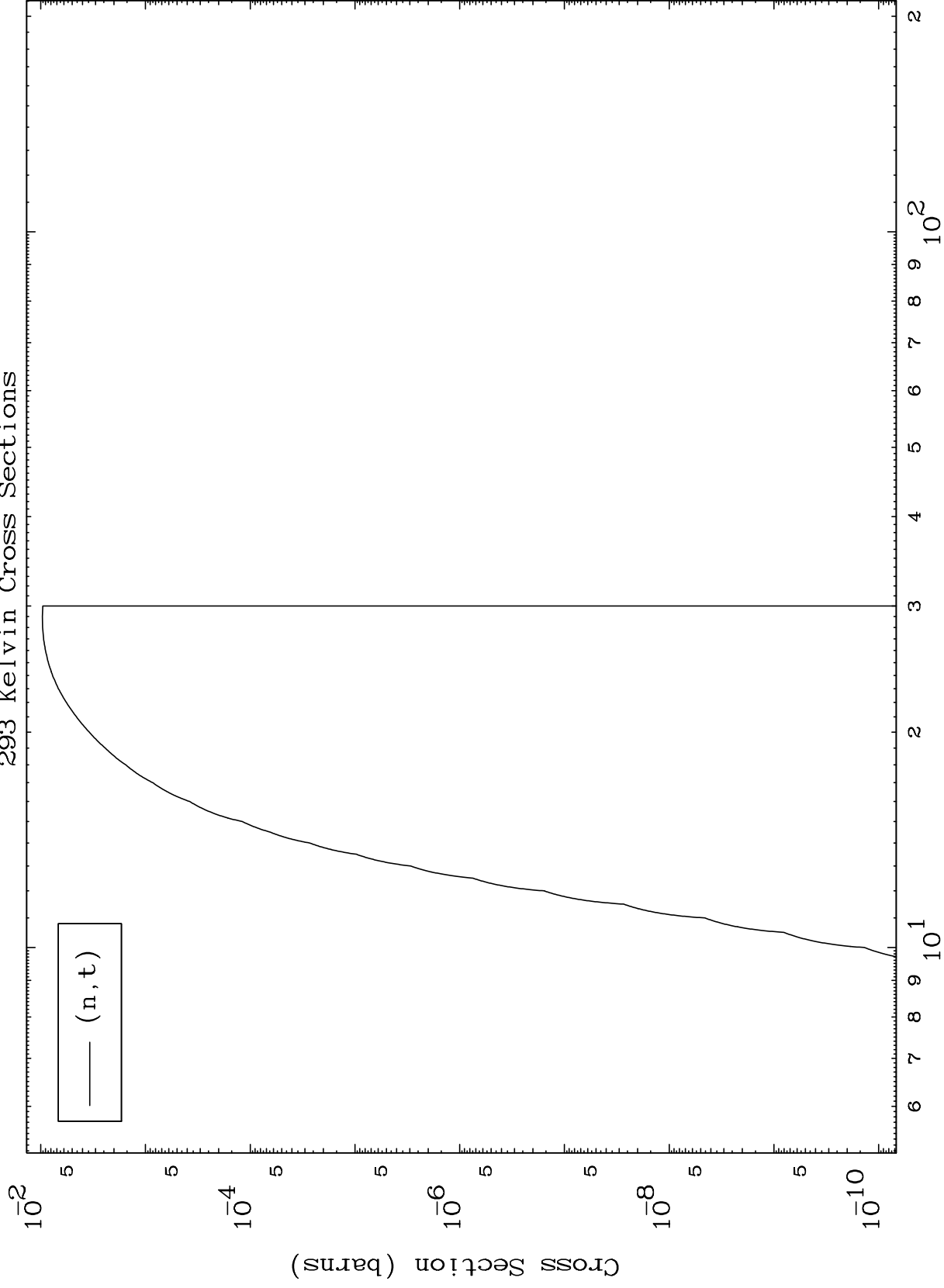
59-Pr-135



MAT 5907

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-135



12

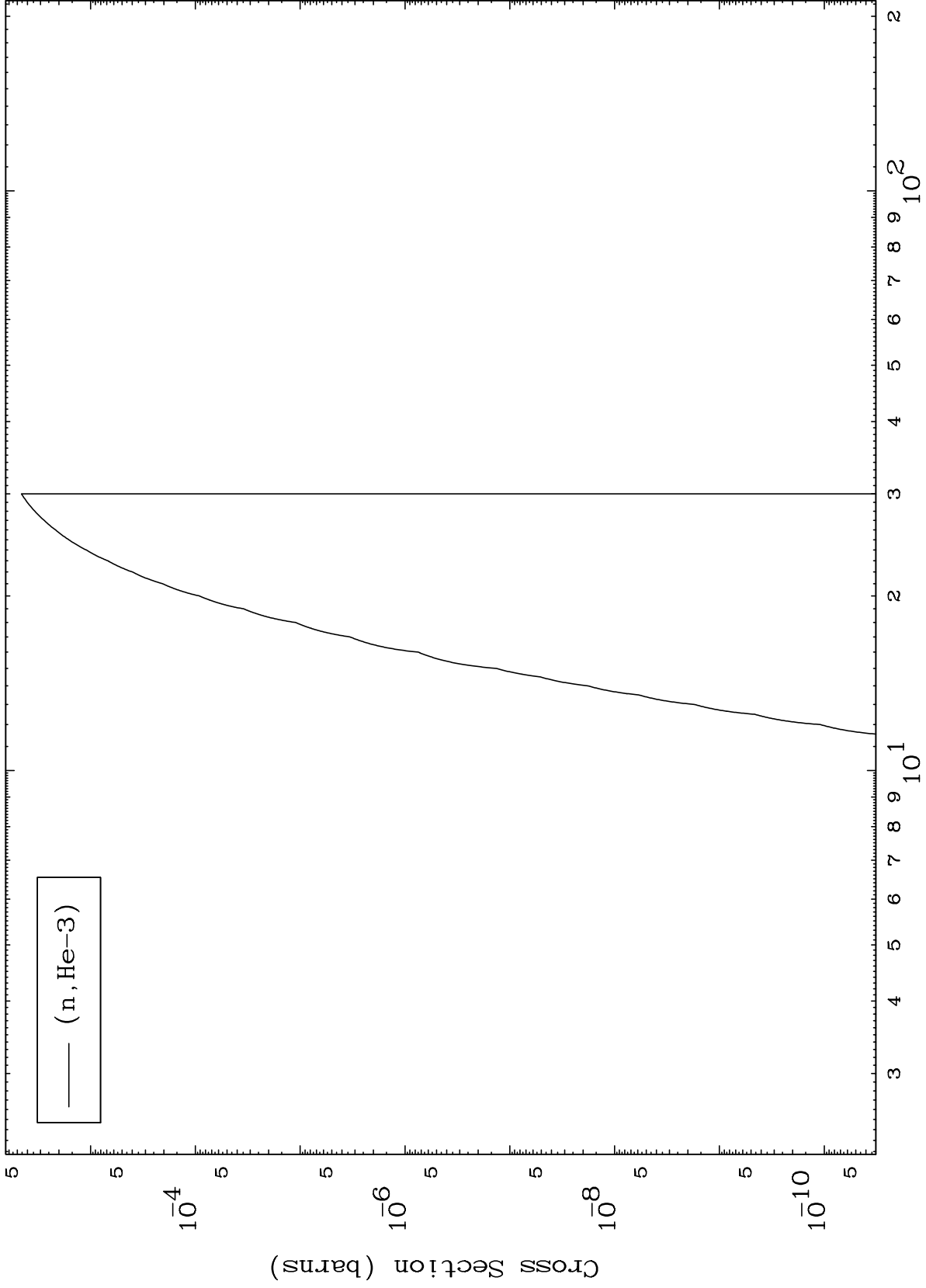
Incident Energy (MeV)

59-Pr-135

MAT 5907

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-135



13

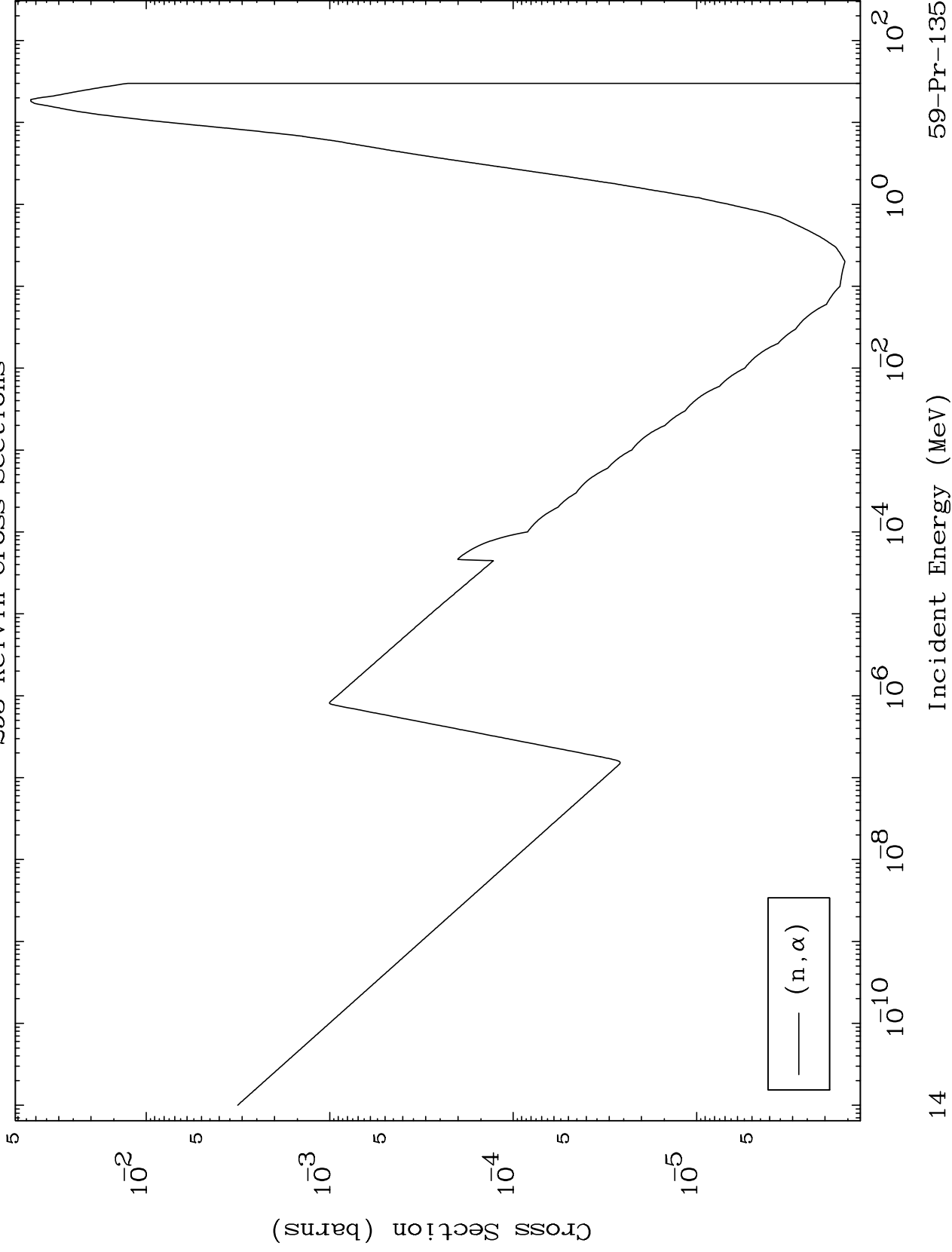
Incident Energy (MeV)

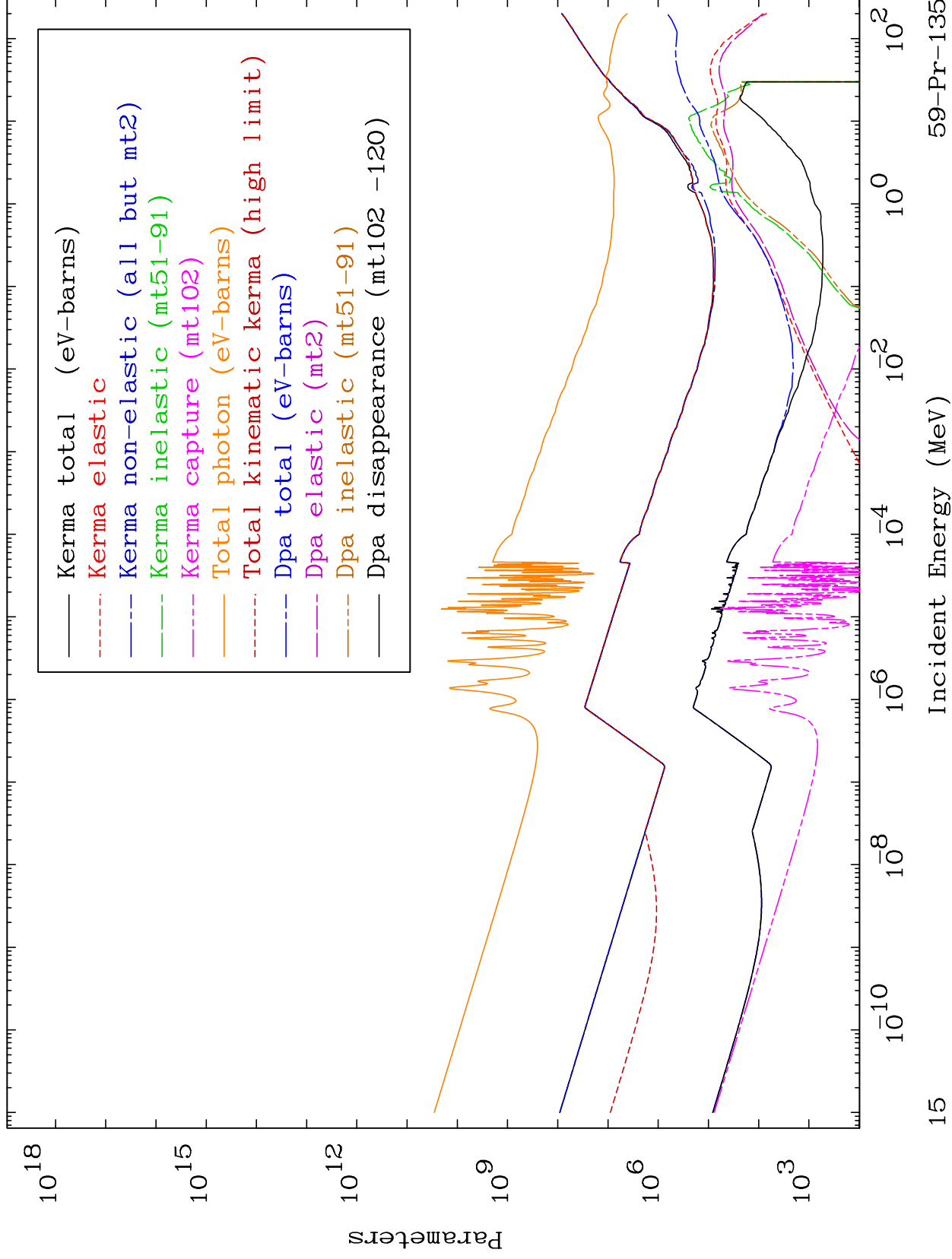
59-Pr-135

MAT 5907

(n, α) Levels
293 Kelvin Cross Sections

59-Pr-135

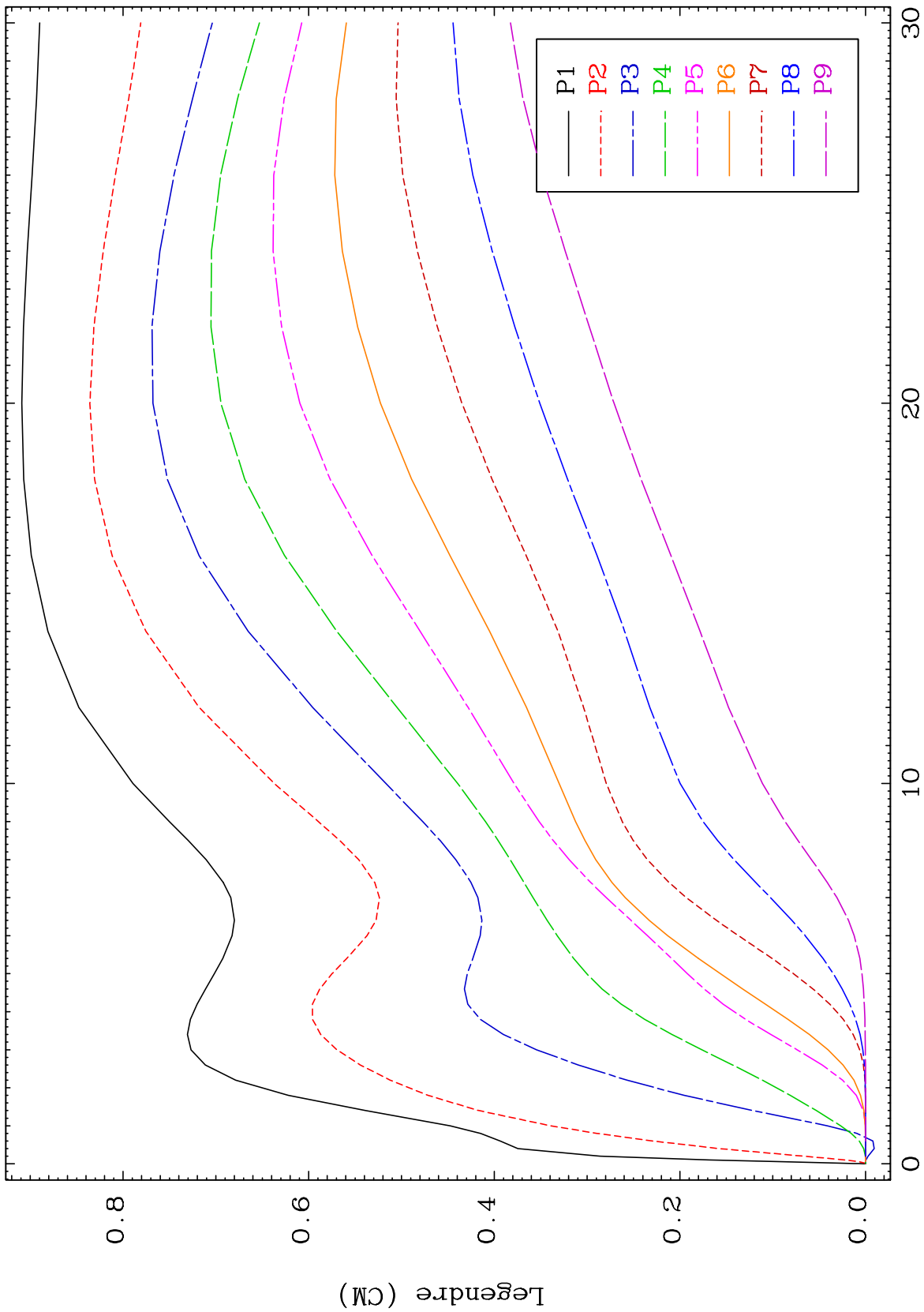




MAT 5907

Elastic Legendre Coefficients

59-Pr-135



16

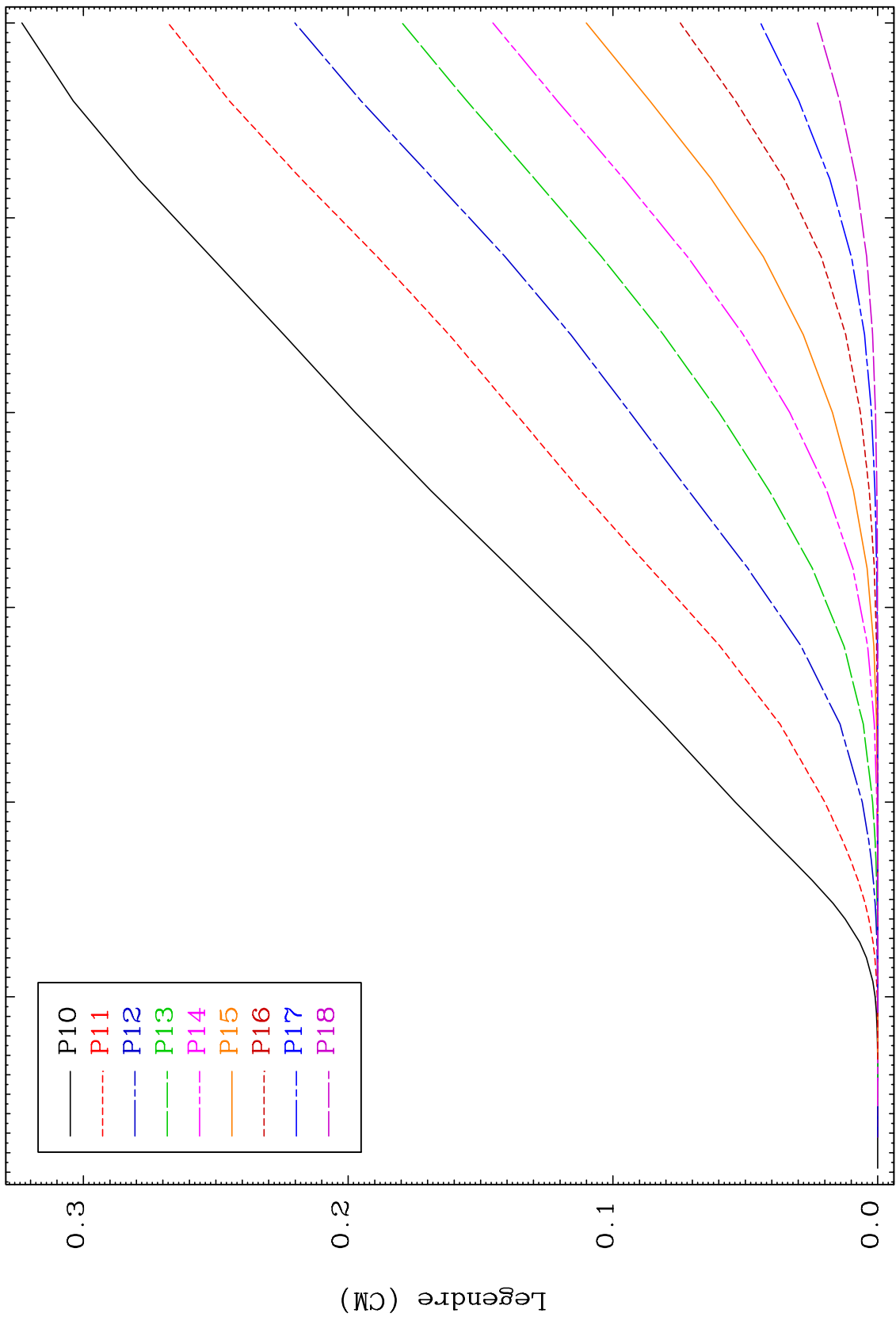
Incident Energy (MeV)

59-Pr-135

MAT 5907

Elastic Legendre Coefficients

59-Pr-135



17

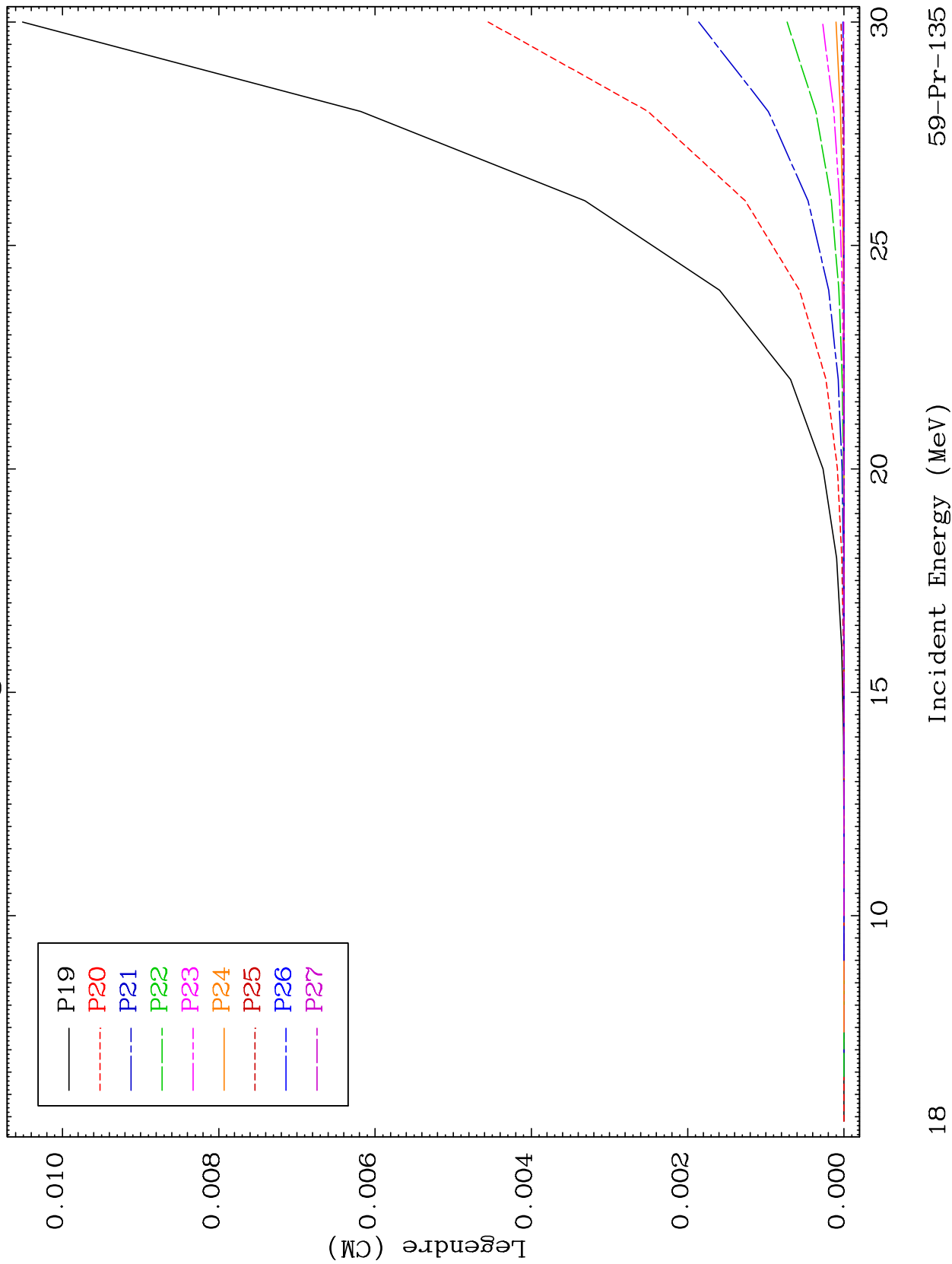
Incident Energy (MeV)

59-Pr-135

MAT 5907

Elastic Legendre Coefficients

59-Pr-135



18

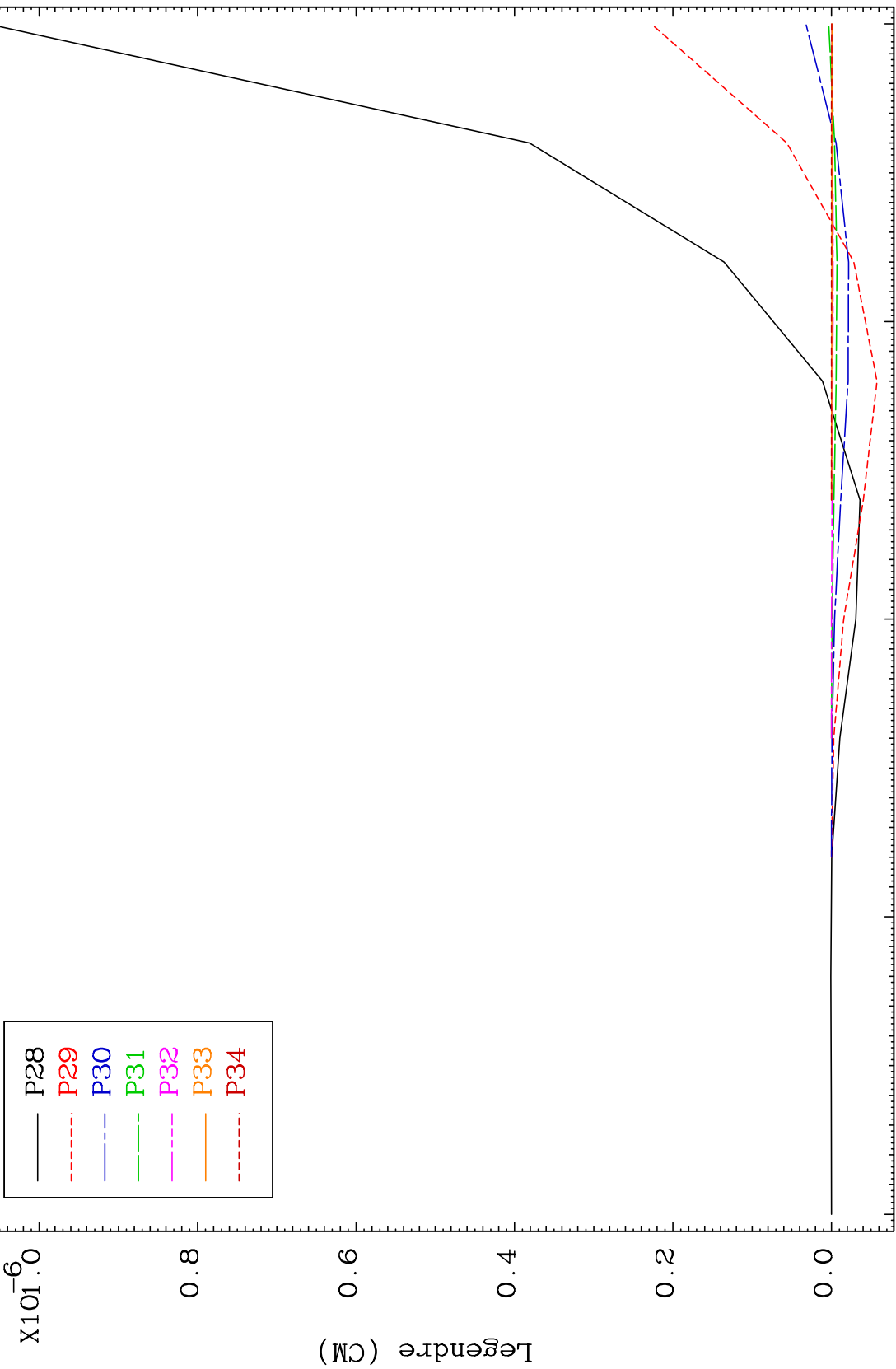
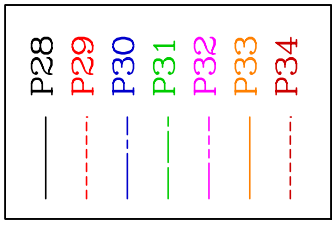
Incident Energy (MeV)

59-Pr-135

MAT 5907

Elastic Legendre Coefficients

59-Pr-135



19

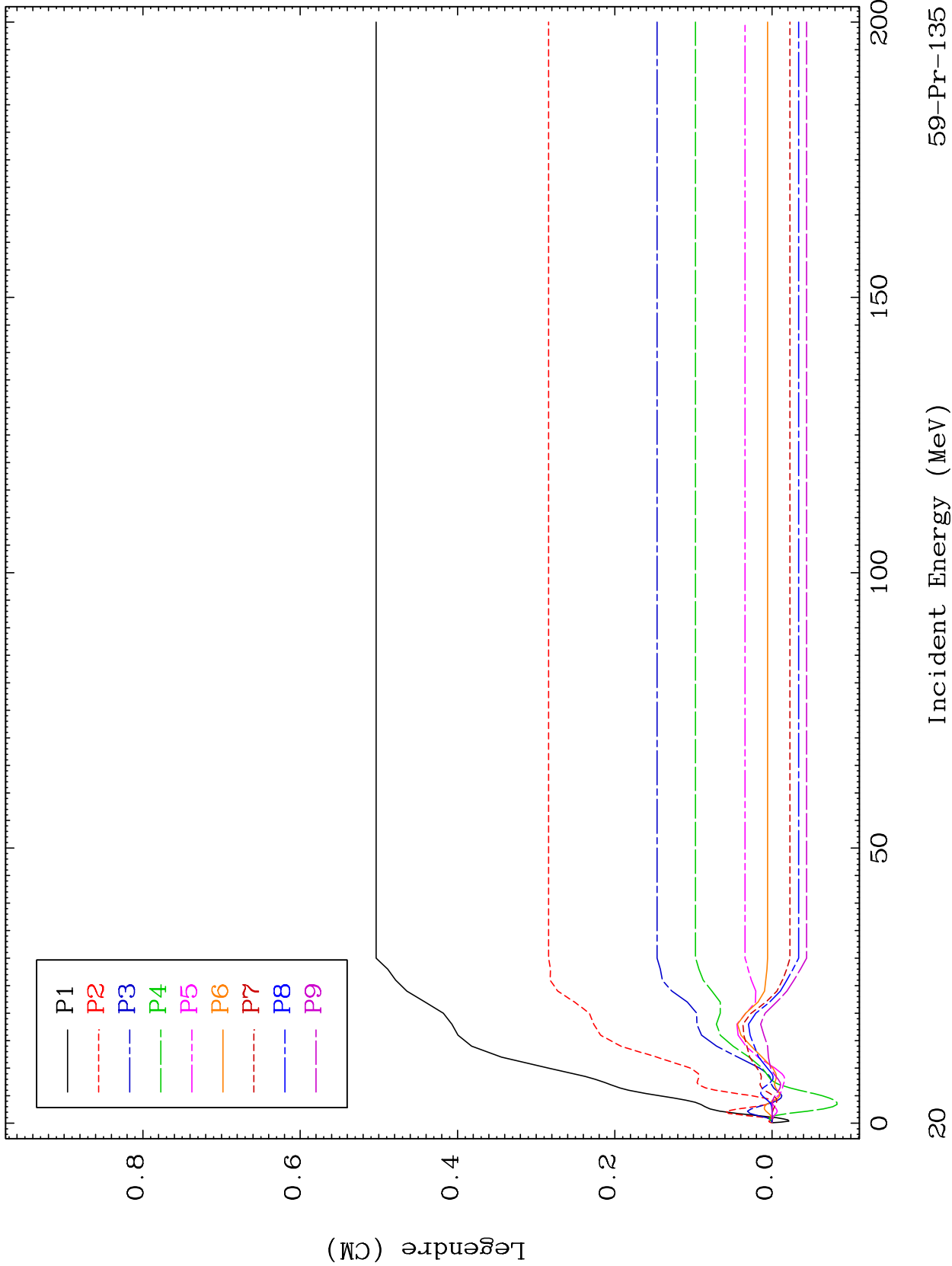
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



59-Pr-135

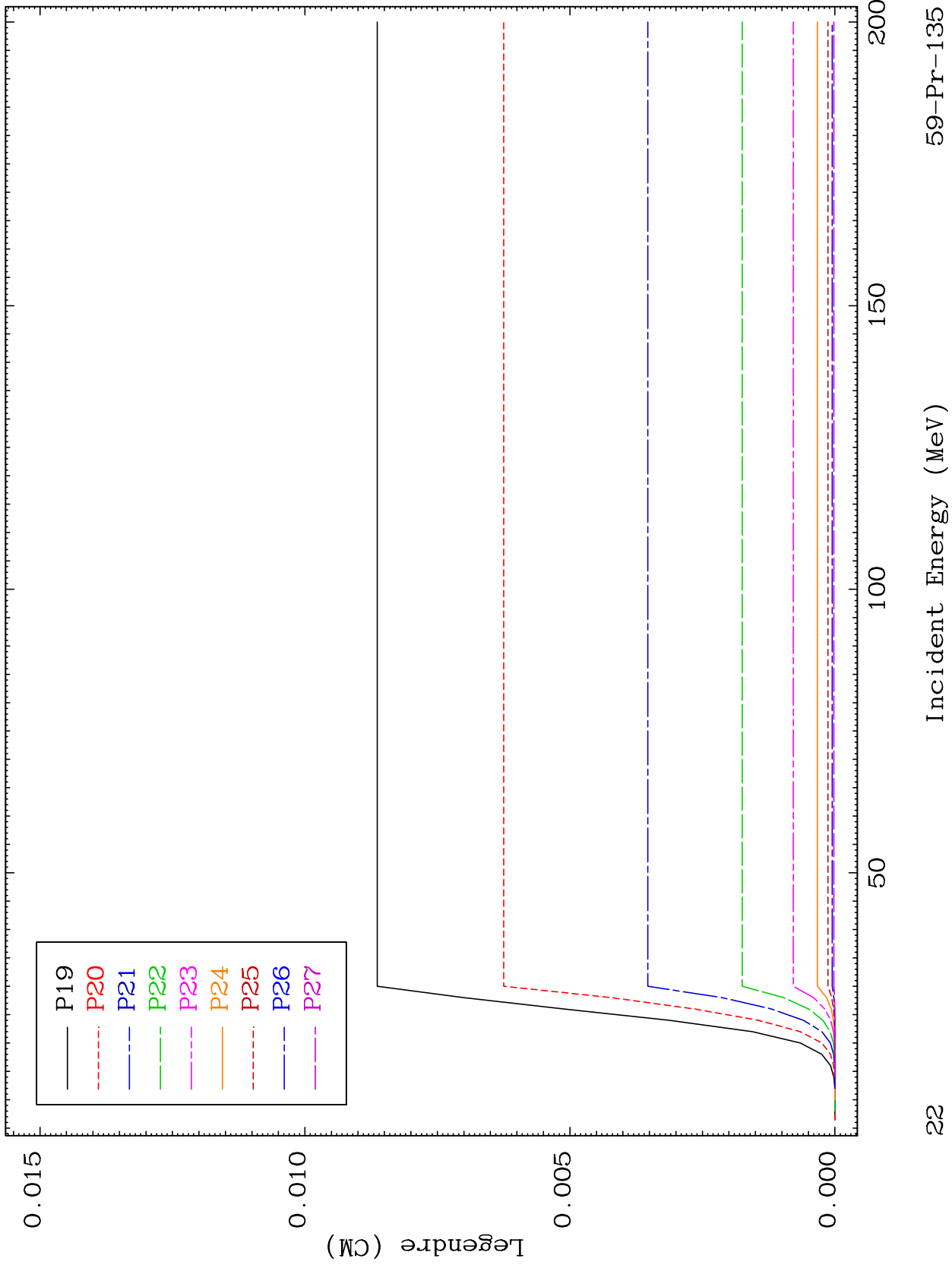
Incident Energy (MeV)

0

MAT 5907

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

59-Pr-135



22

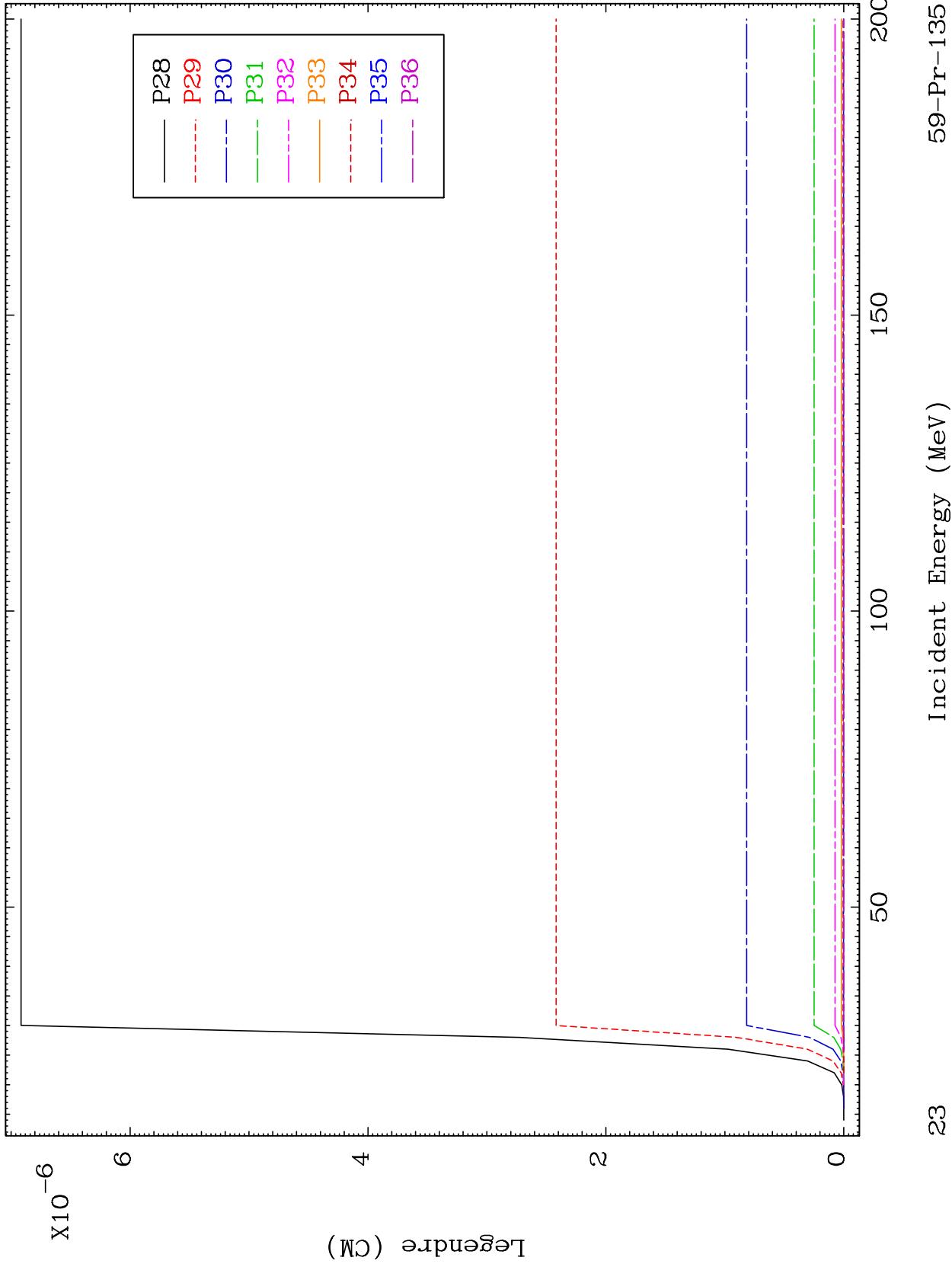
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



23

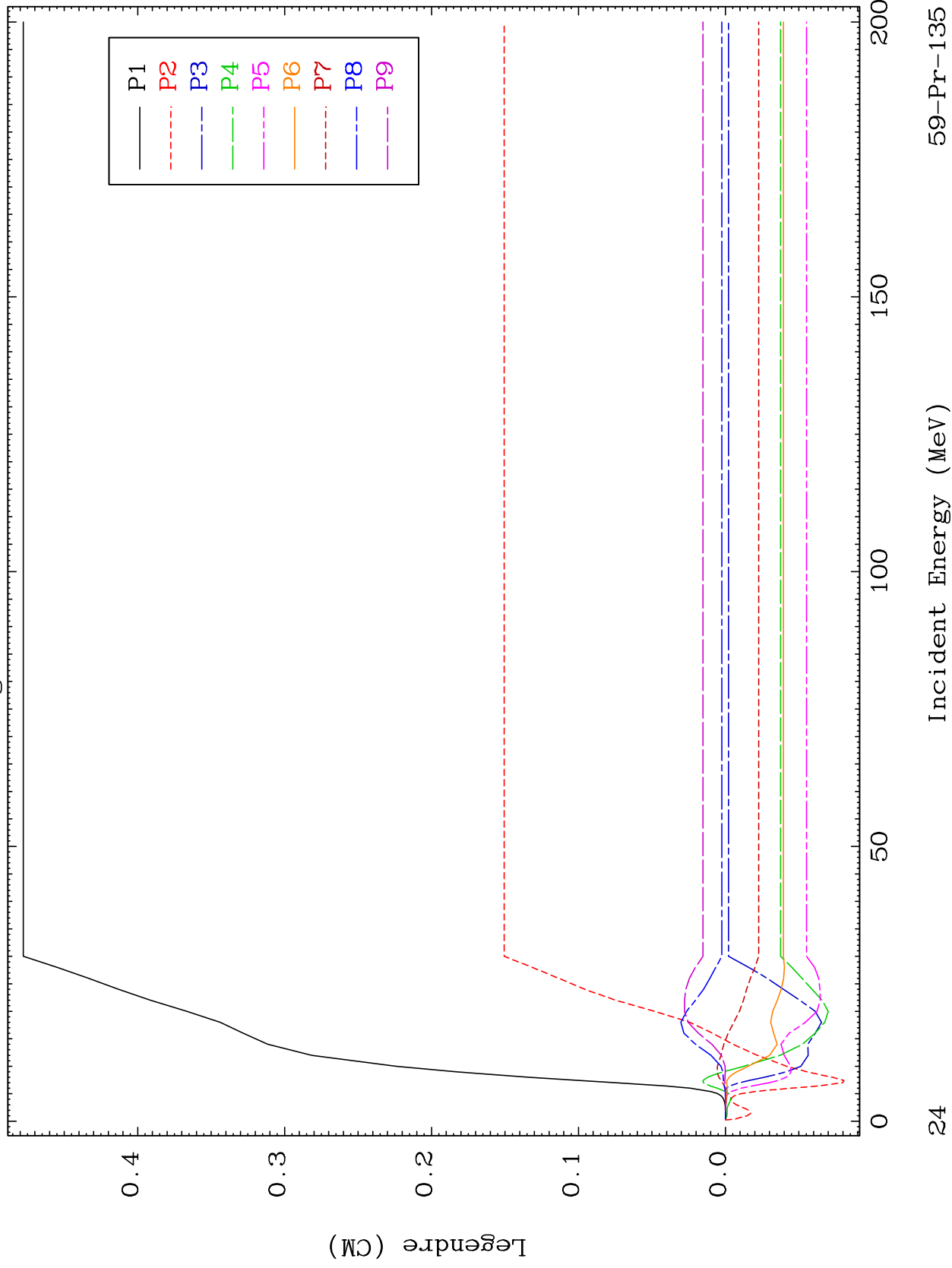
Incident Energy (MeV)

59-Pr-135

MAT 5907

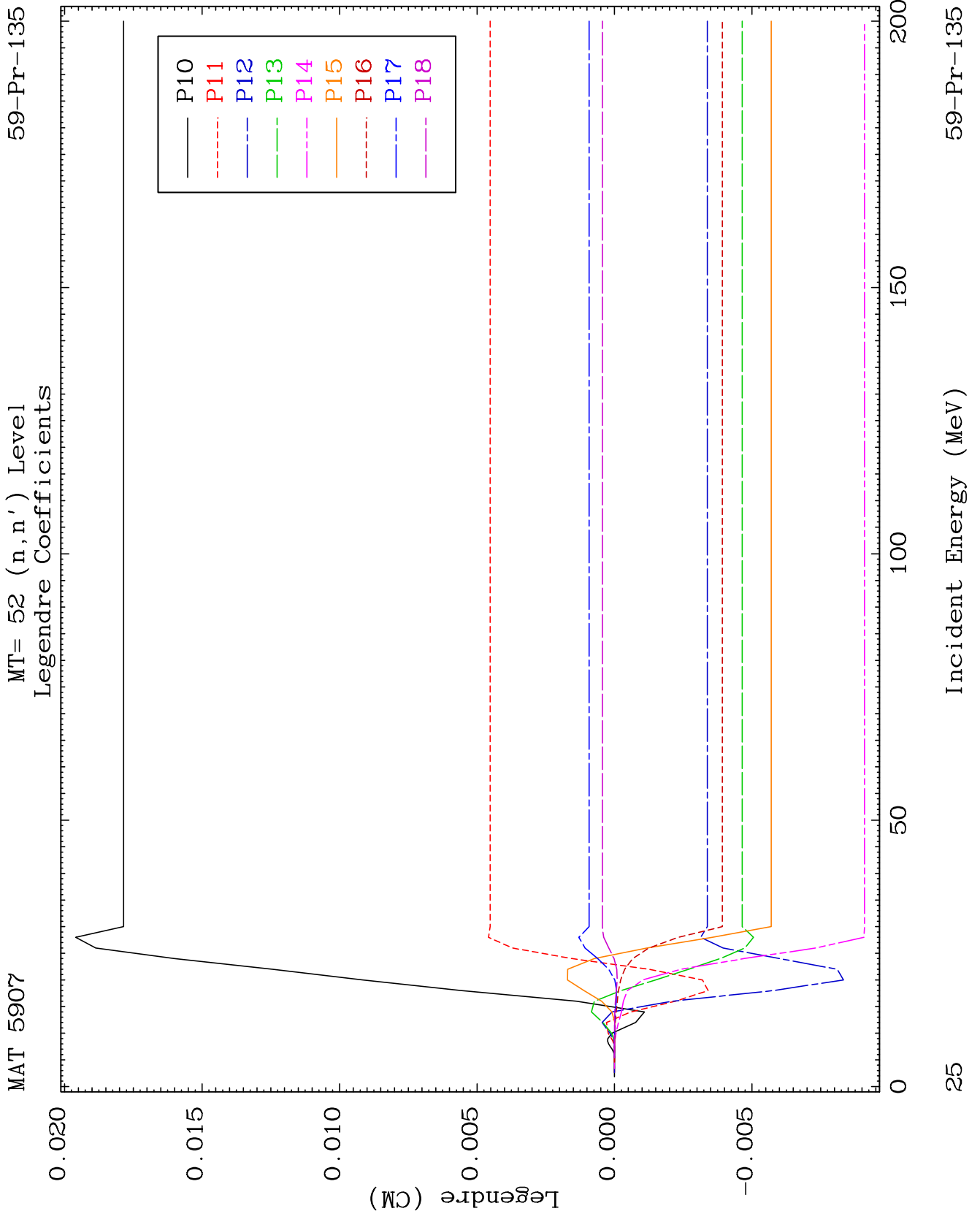
MT= 52 (n,n') Level
Legendre Coefficients

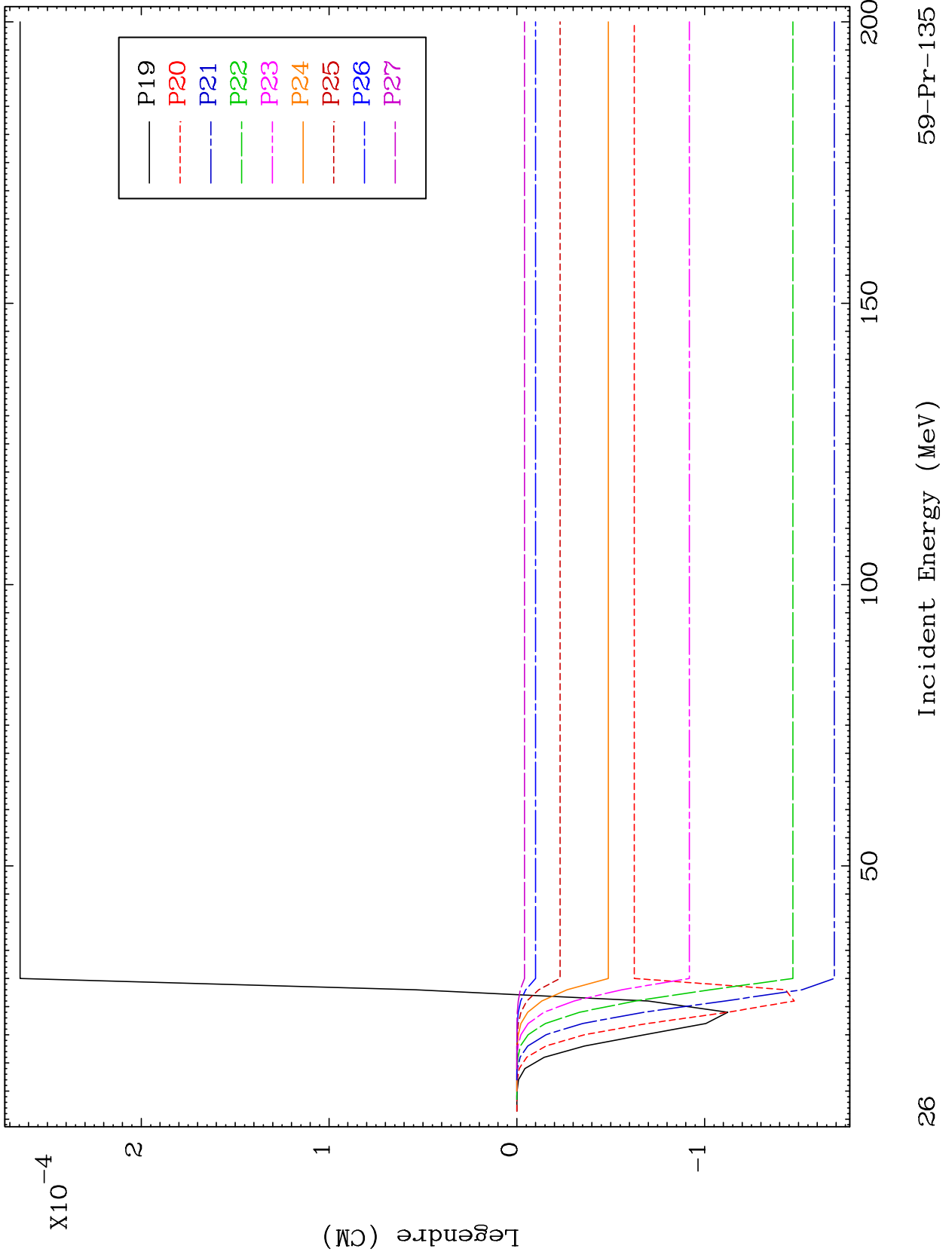
59-Pr-135



24

59-Pr-135

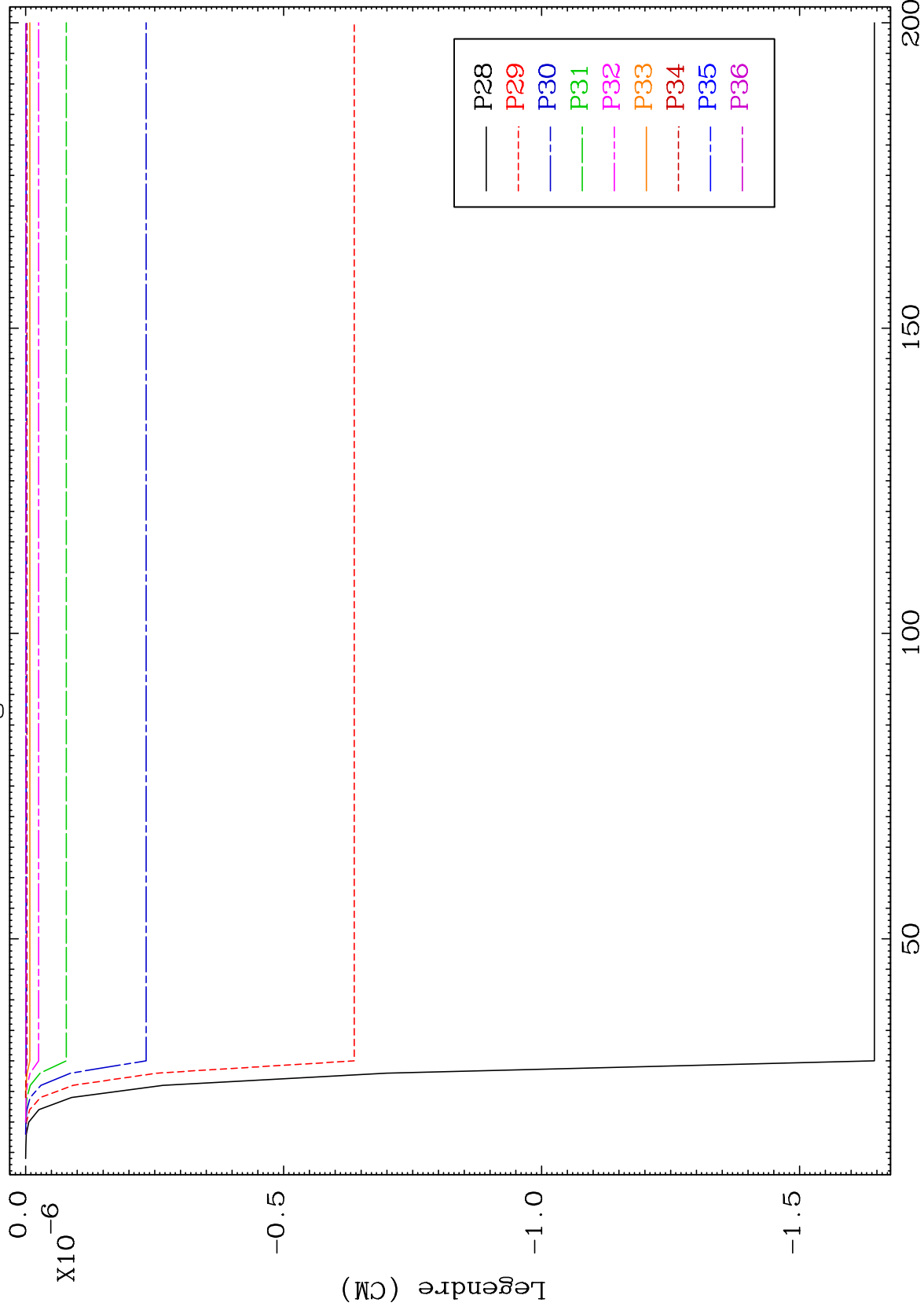




MAT 5907

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

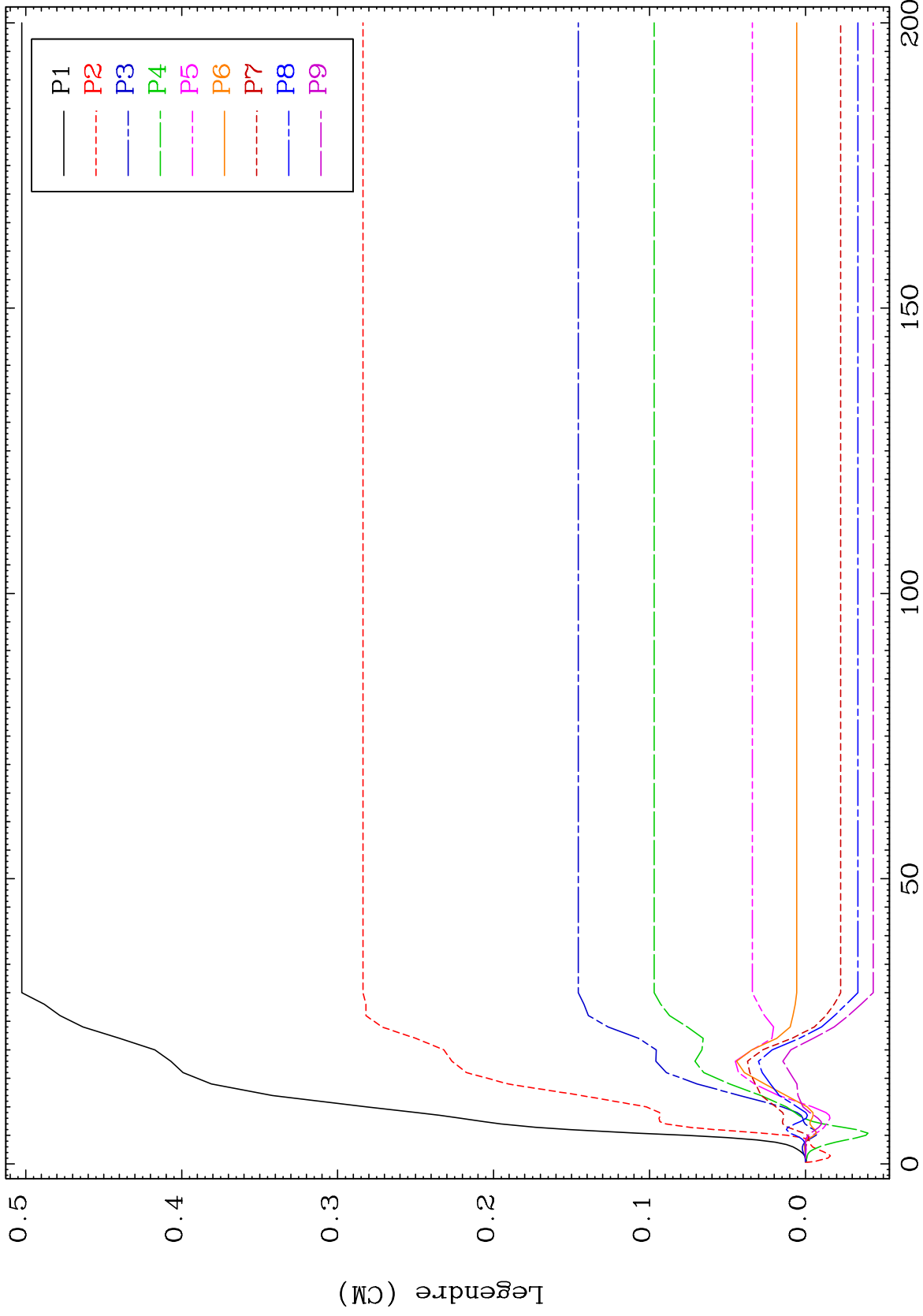
59-Pr-135



MAT 5907

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

59-Pr-135



28

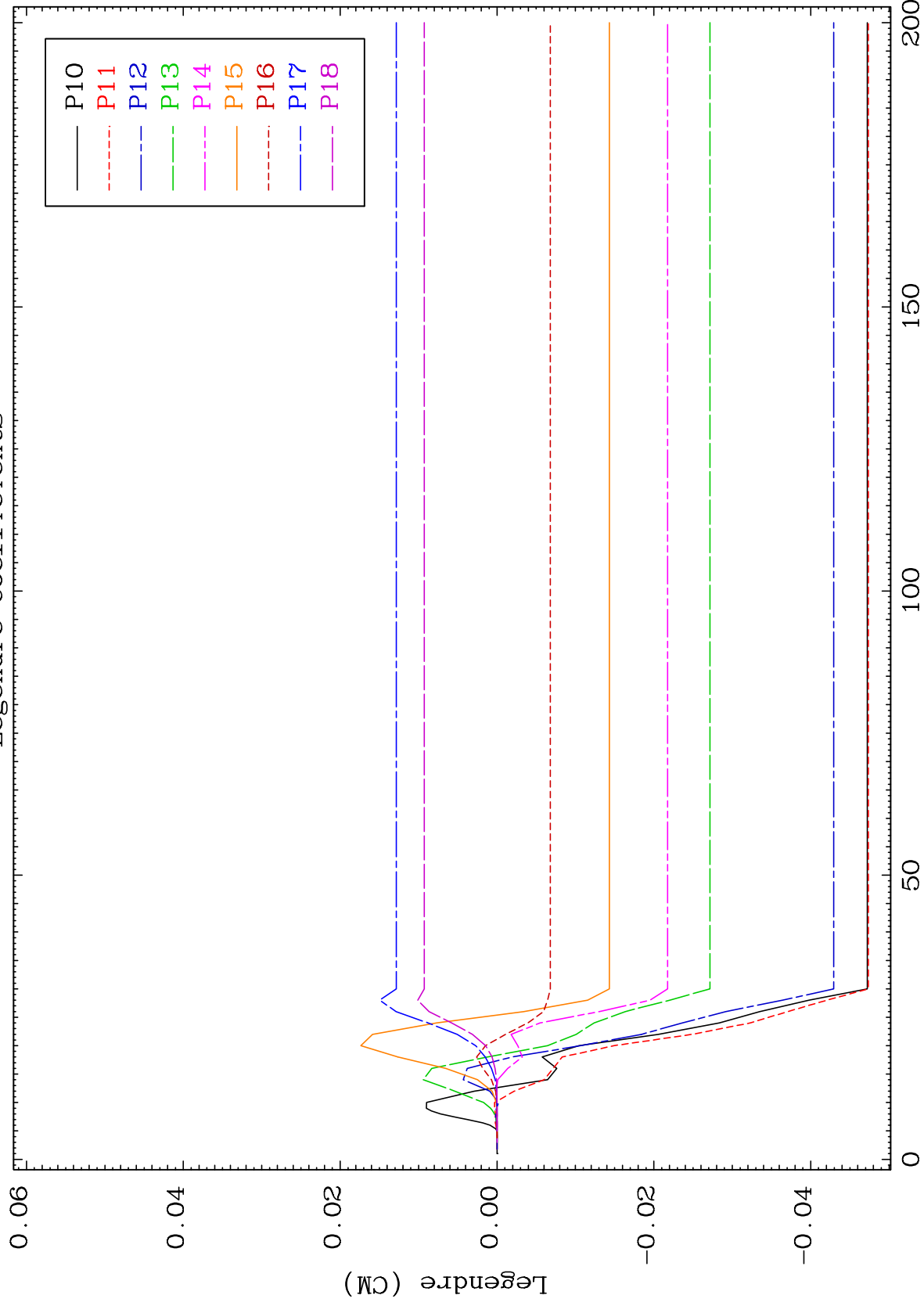
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



29

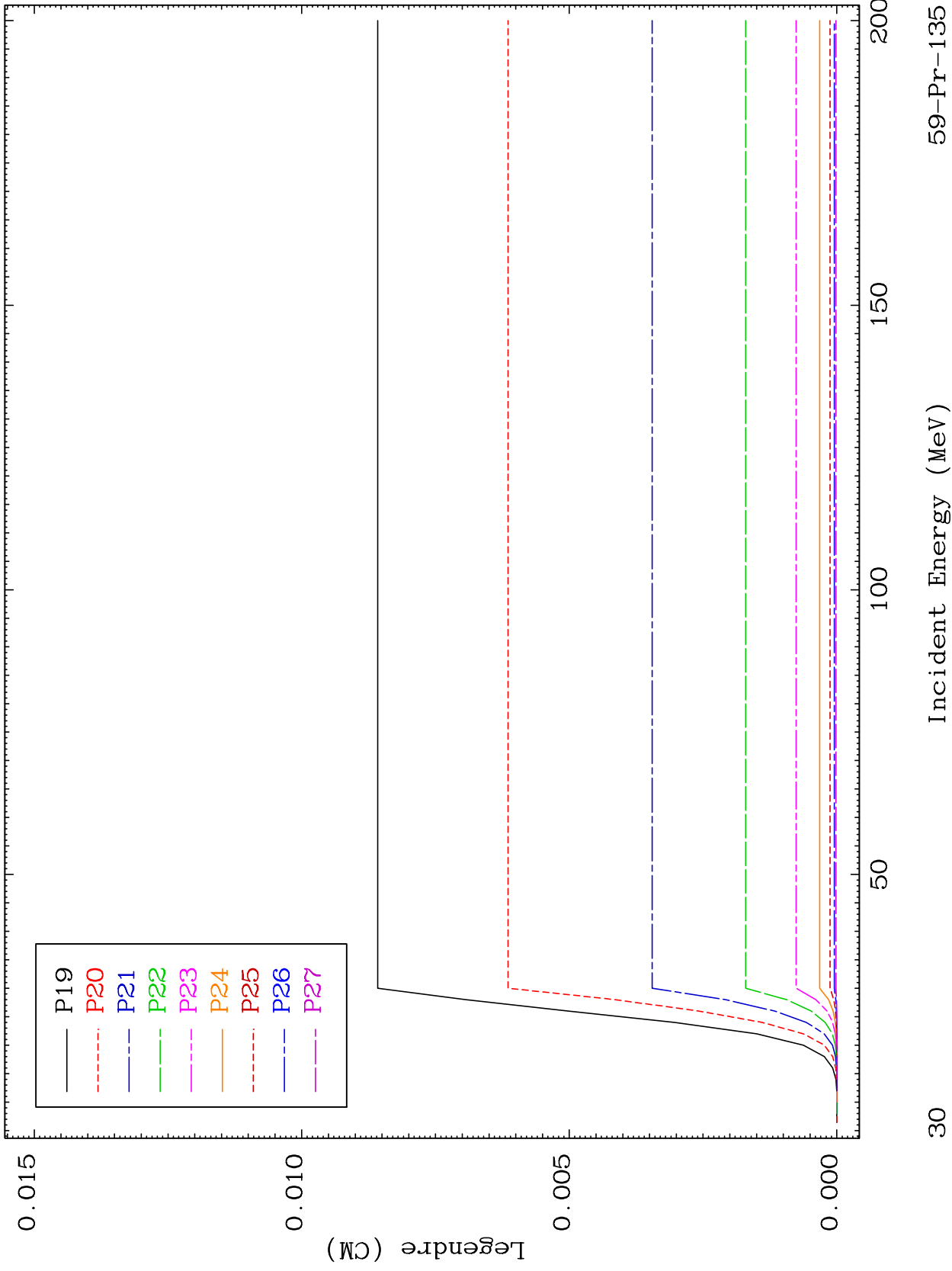
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



30

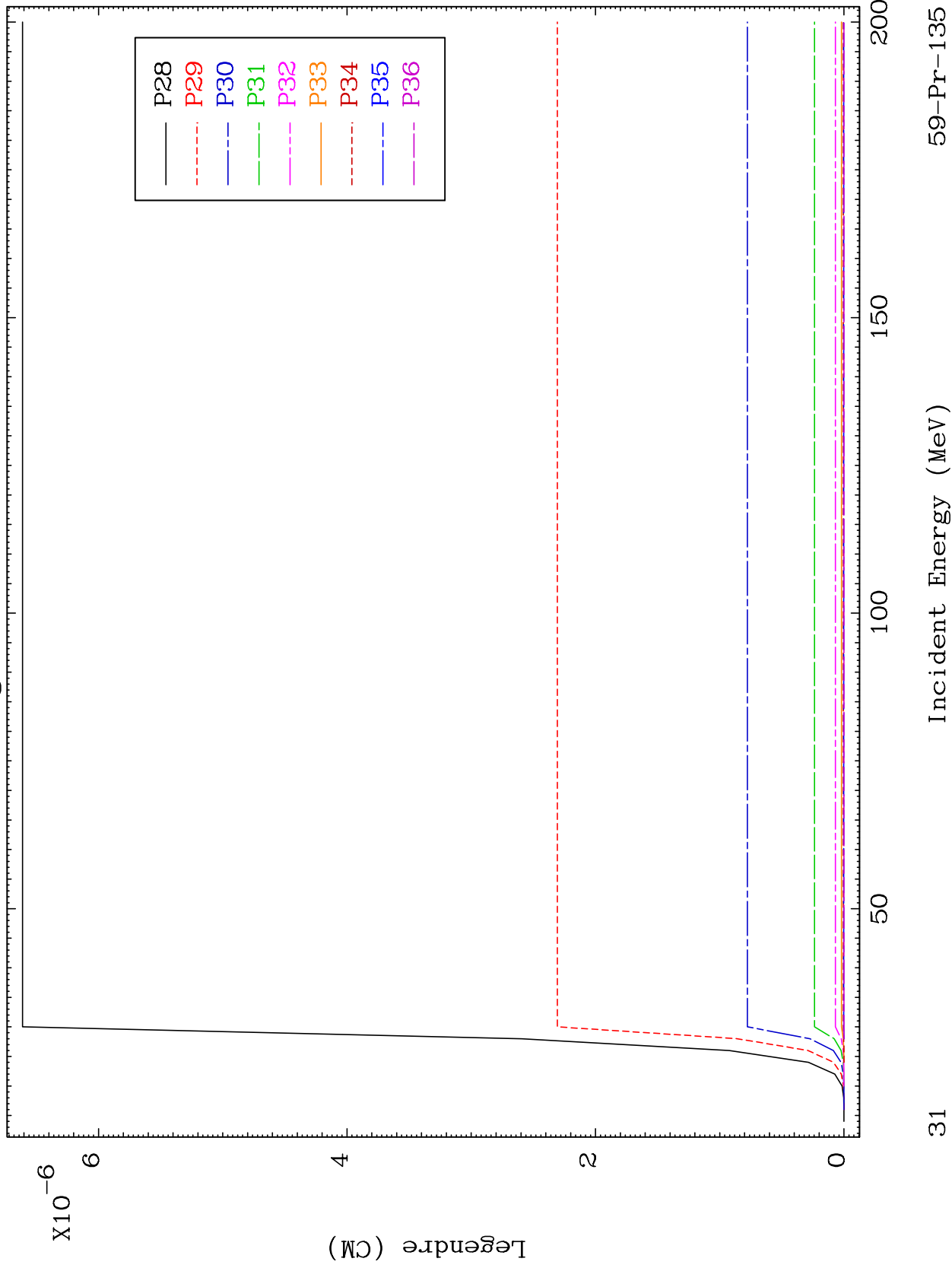
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

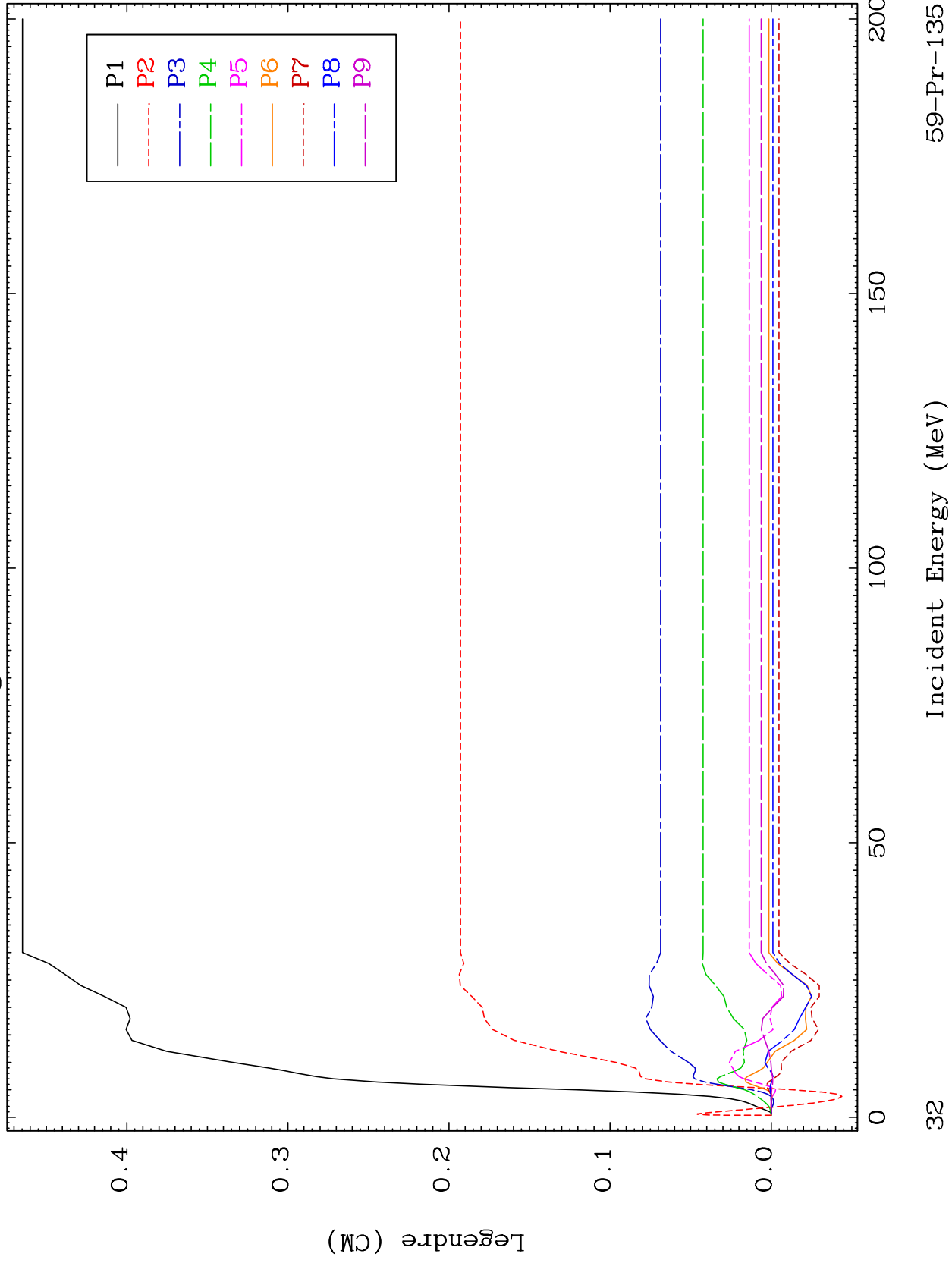
59-Pr-135



MAT 5907

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

59-Pr-135



59-Pr-135

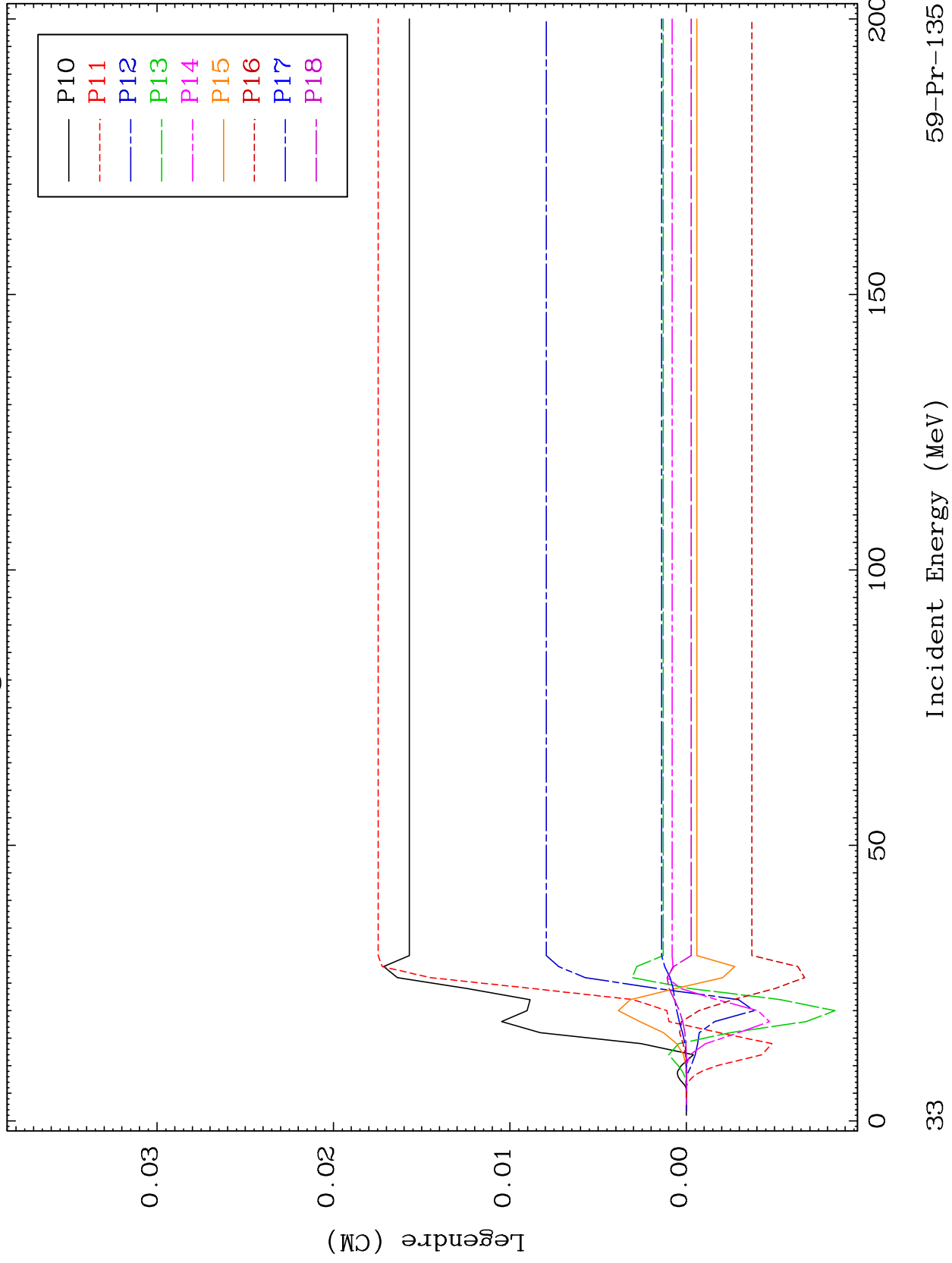
Incident Energy (MeV)

32

MAT 5907

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

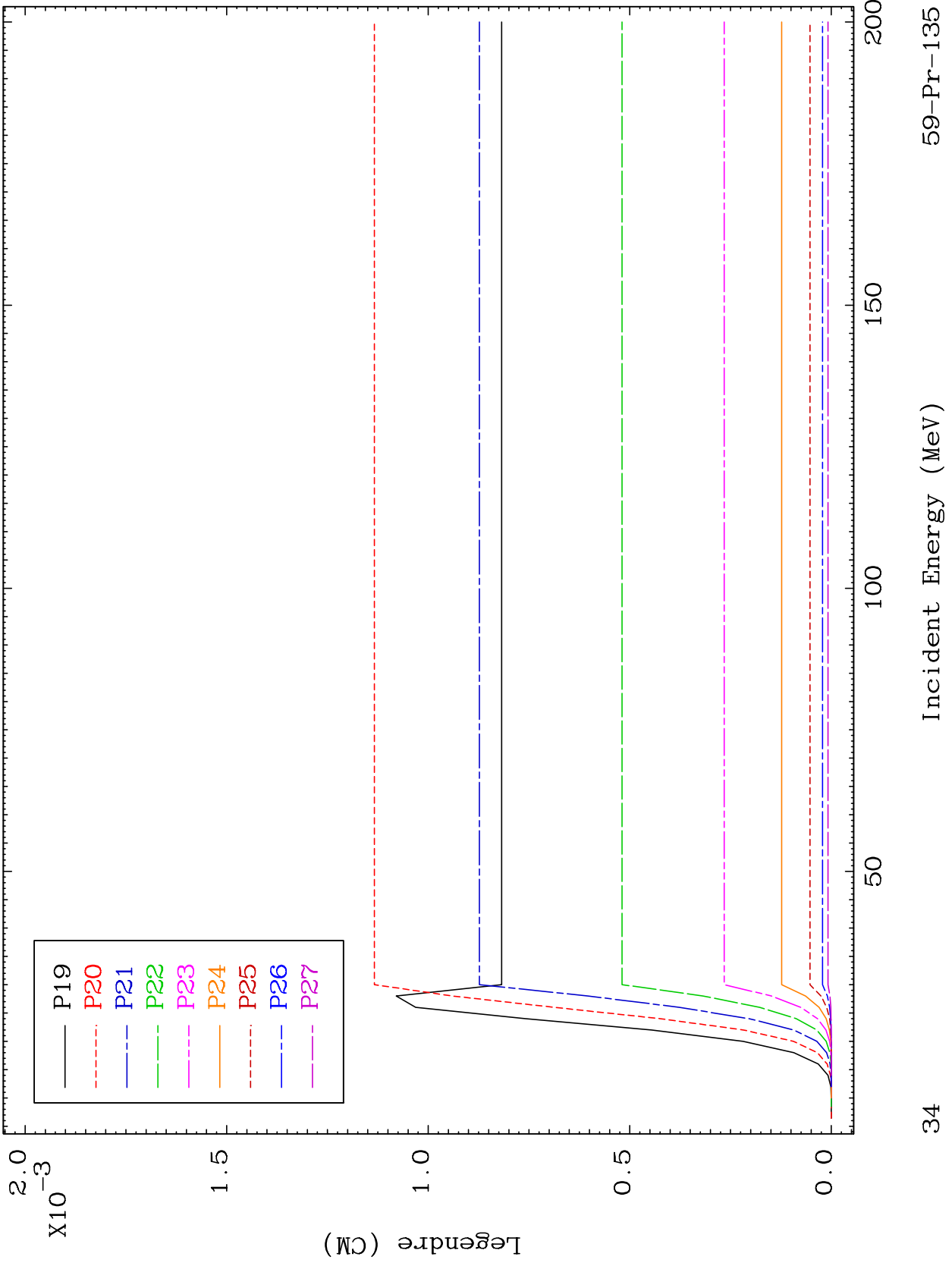
59-Pr-135



33

Incident Energy (MeV)

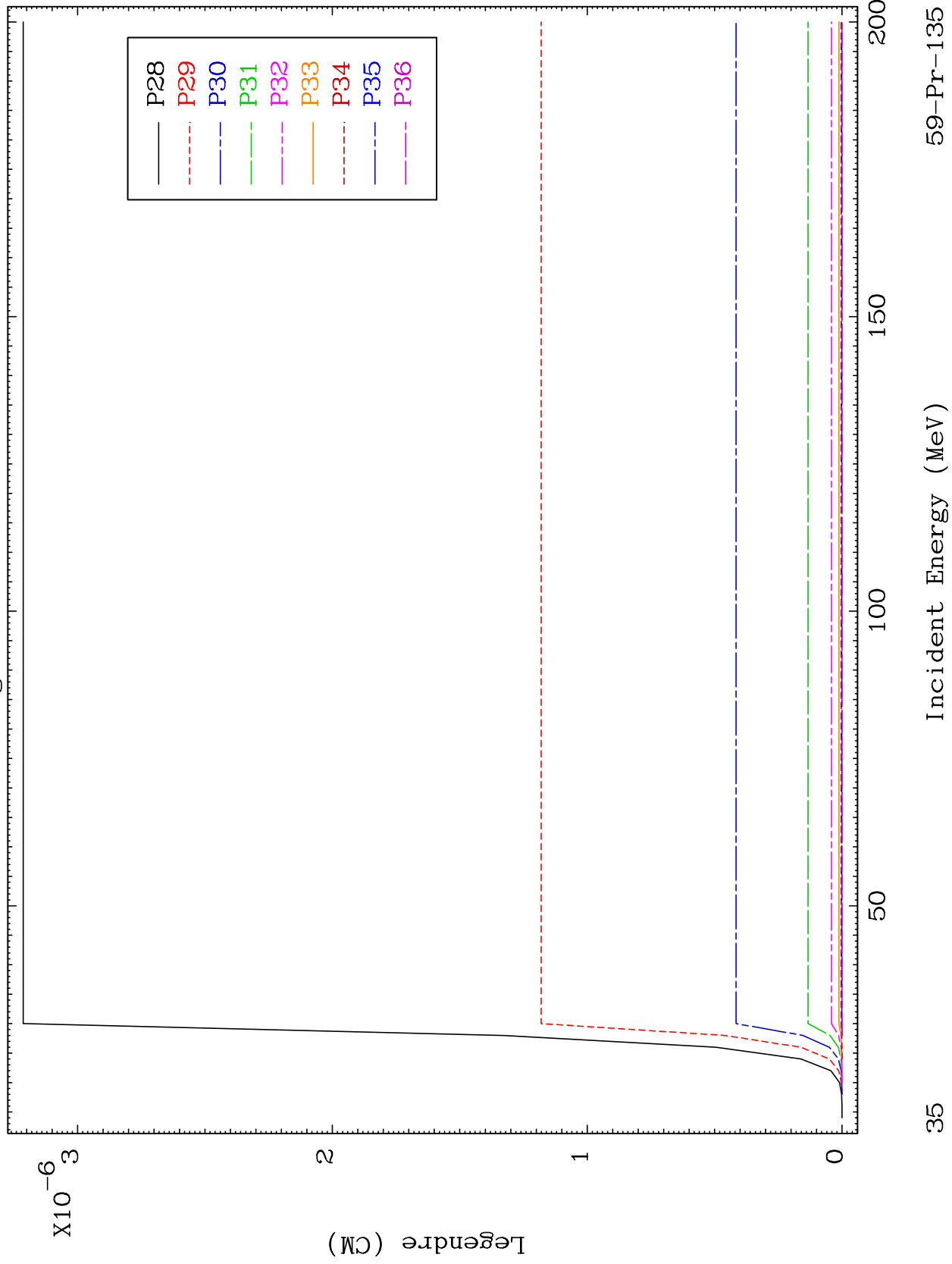
59-Pr-135



MAT 5907

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

59-Pr-135



59-Pr-135

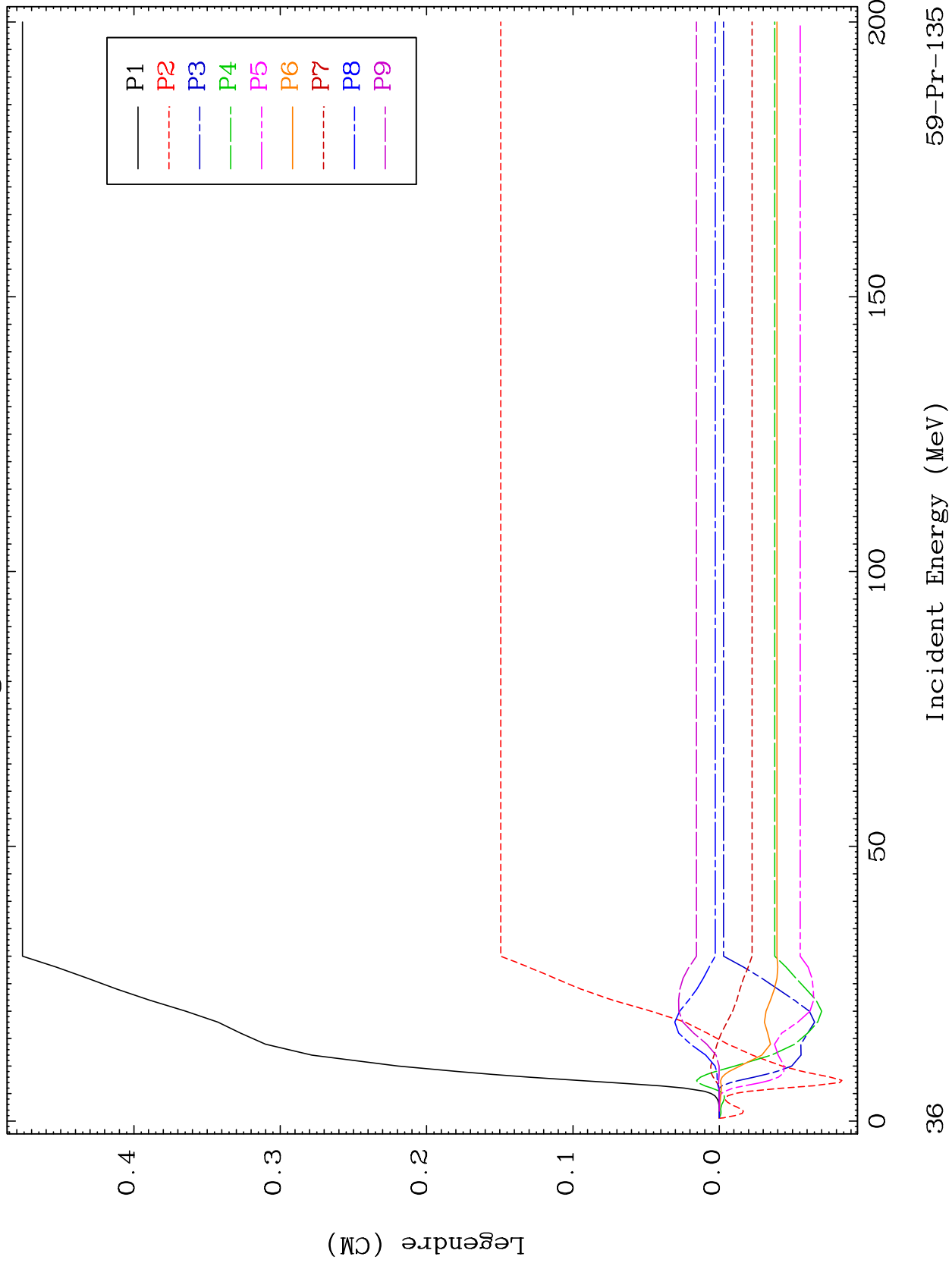
Incident Energy (MeV)

35

MAT 5907

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

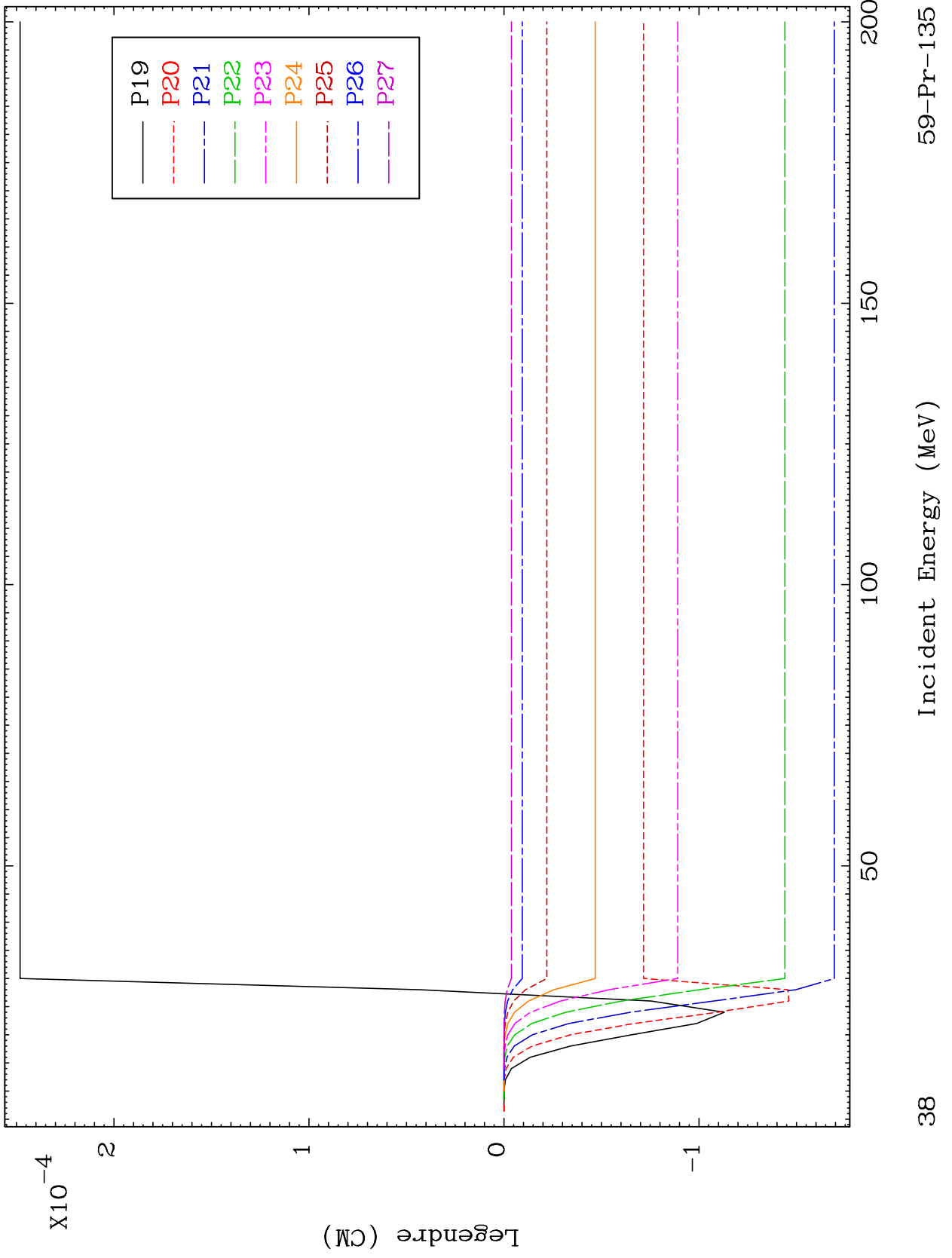
59-Pr-135



59-Pr-135

Incident Energy (MeV)

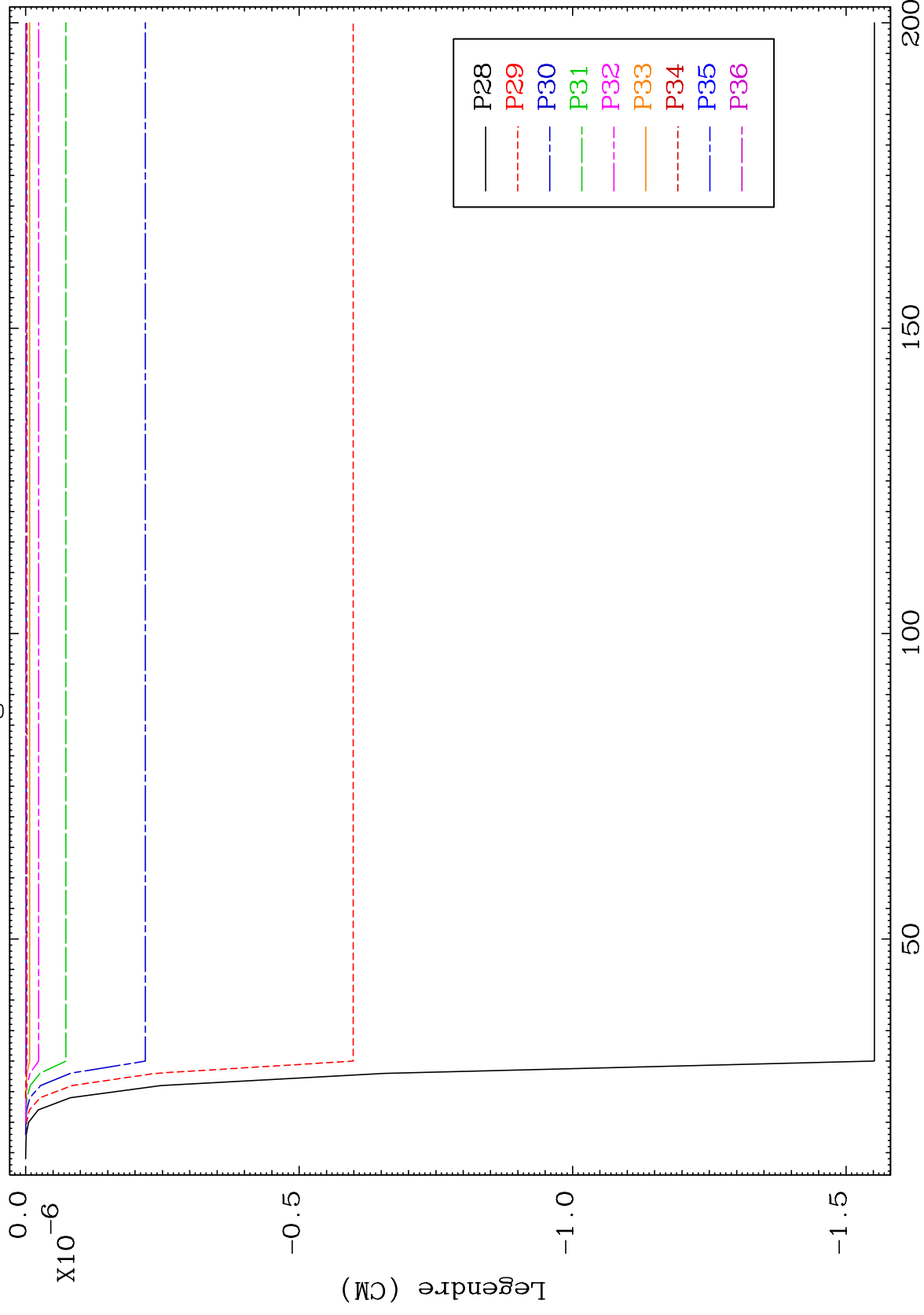
36



MAT 5907

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

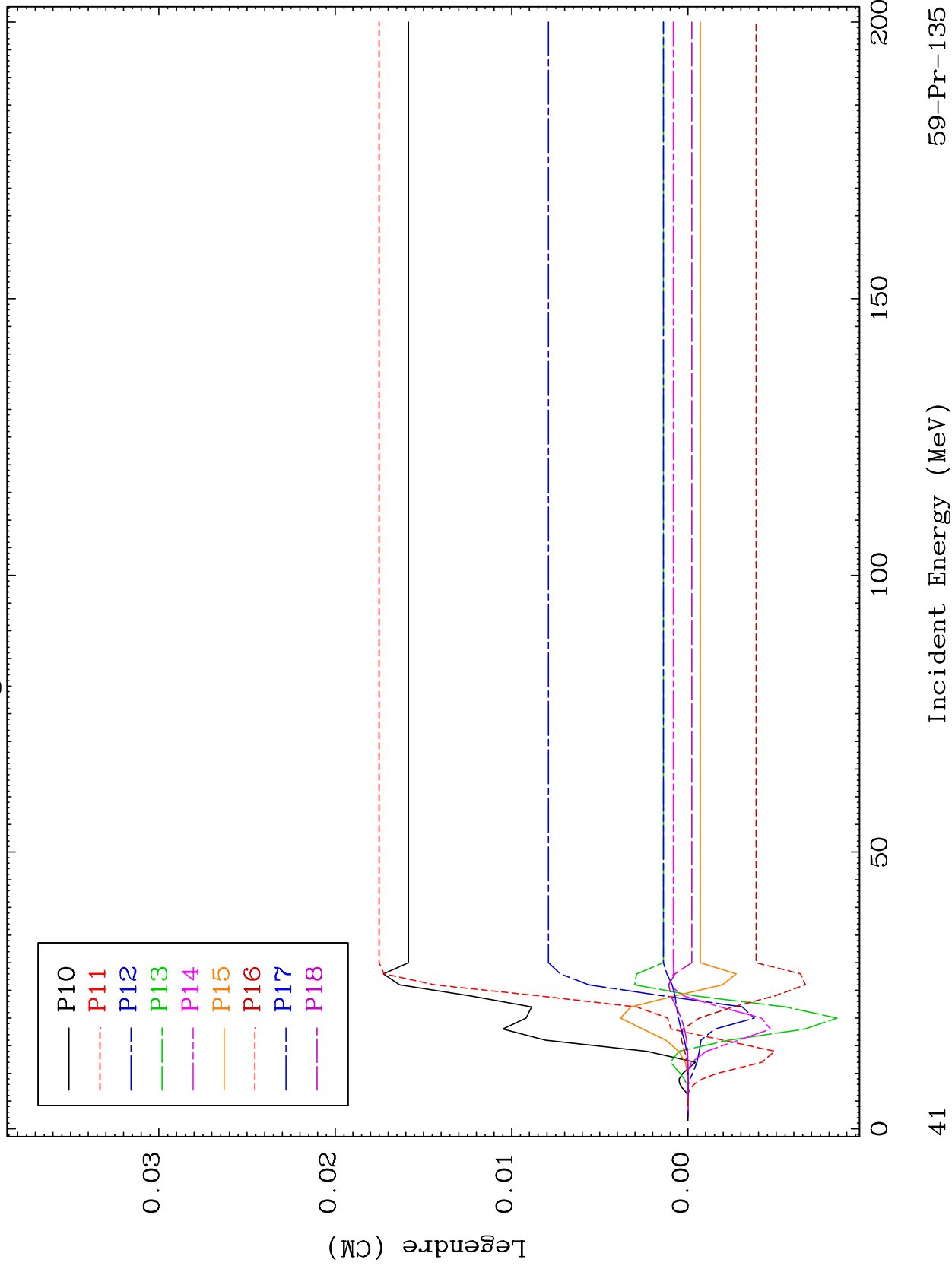
59-Pr-135



MAT 5907

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

59-Pr-135



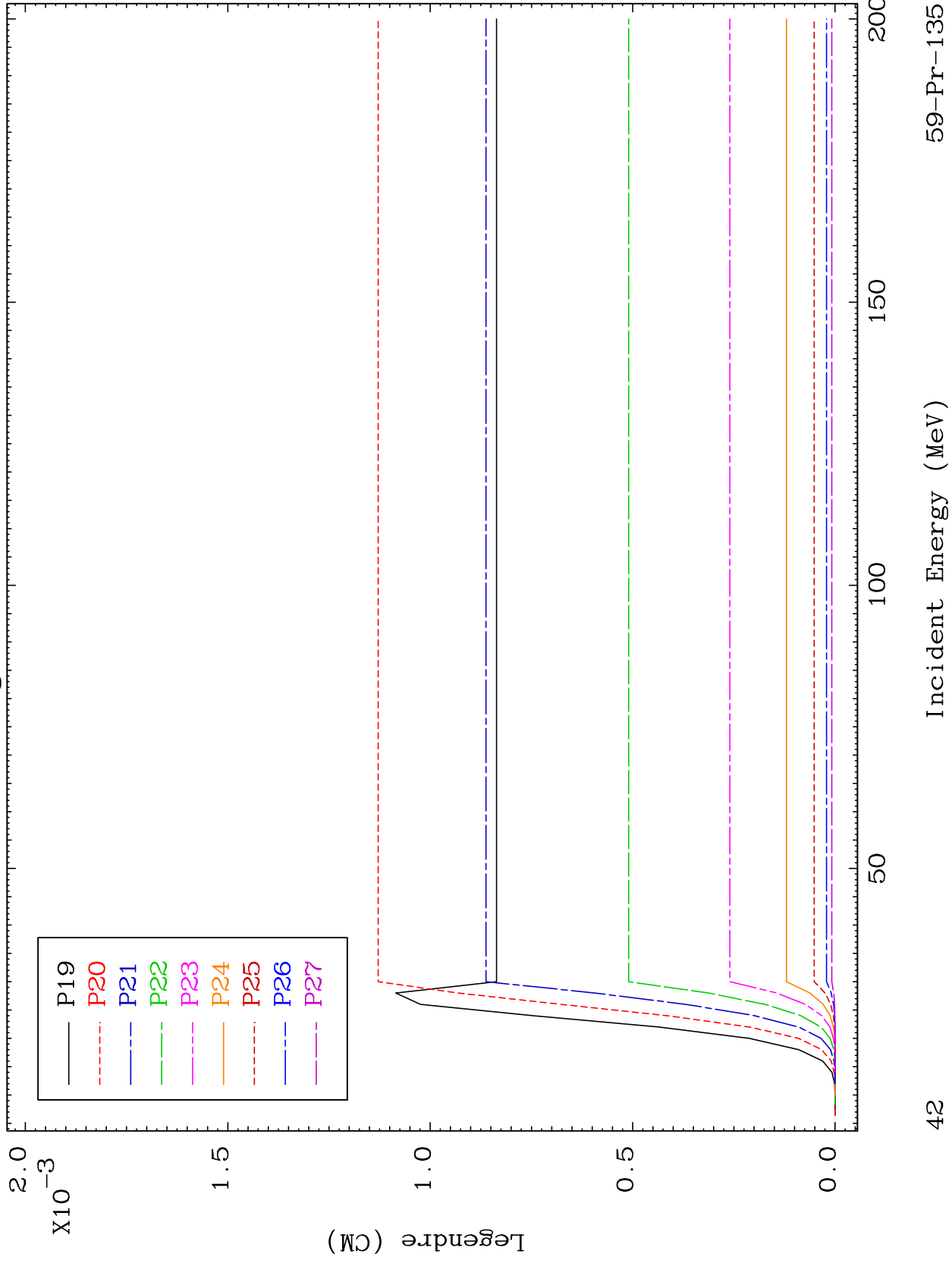
41

59-Pr-135

MAT 5907

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

59-Pr-135



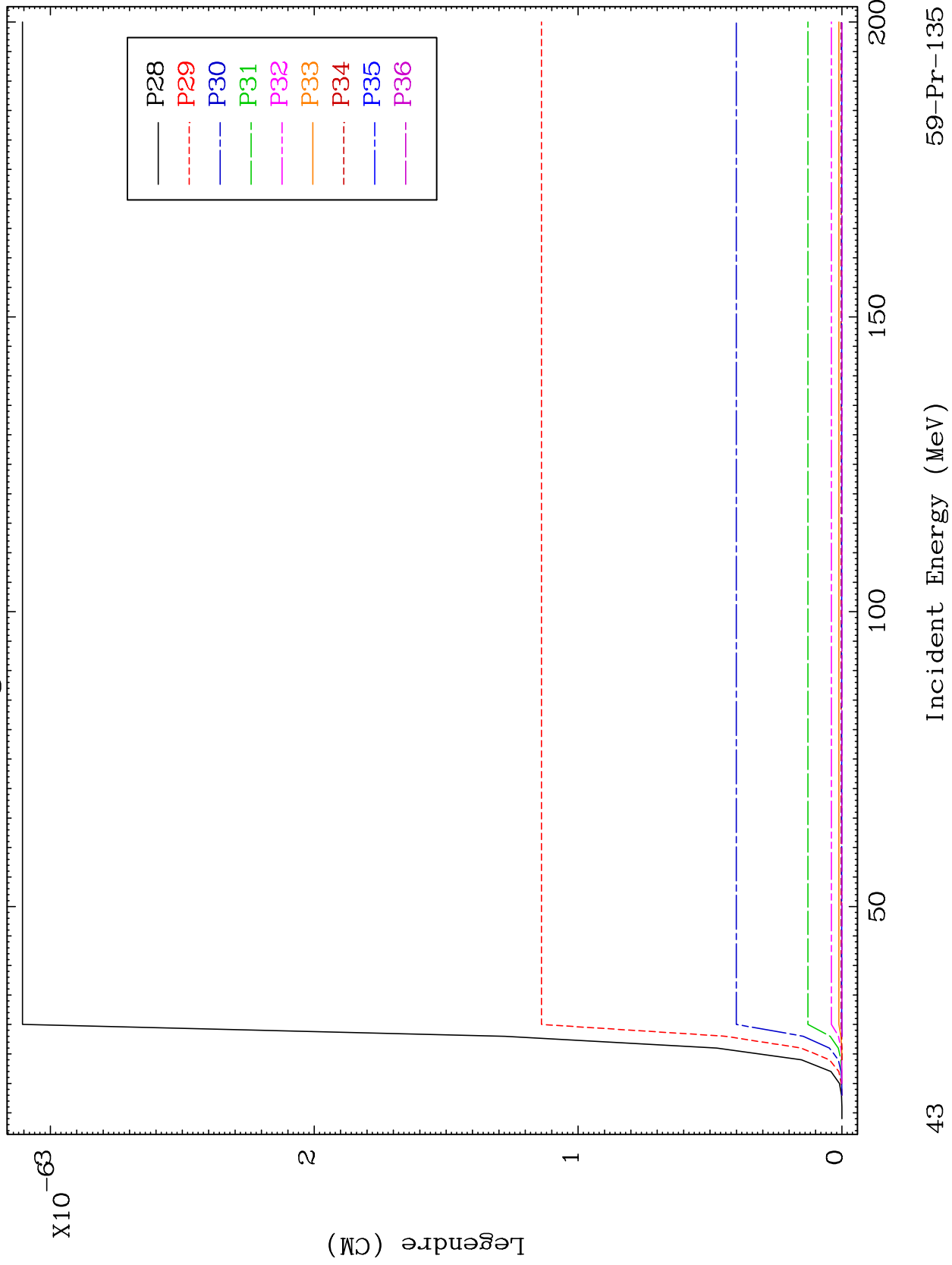
42

59-Pr-135

MAT 5907

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

59-Pr-135



43

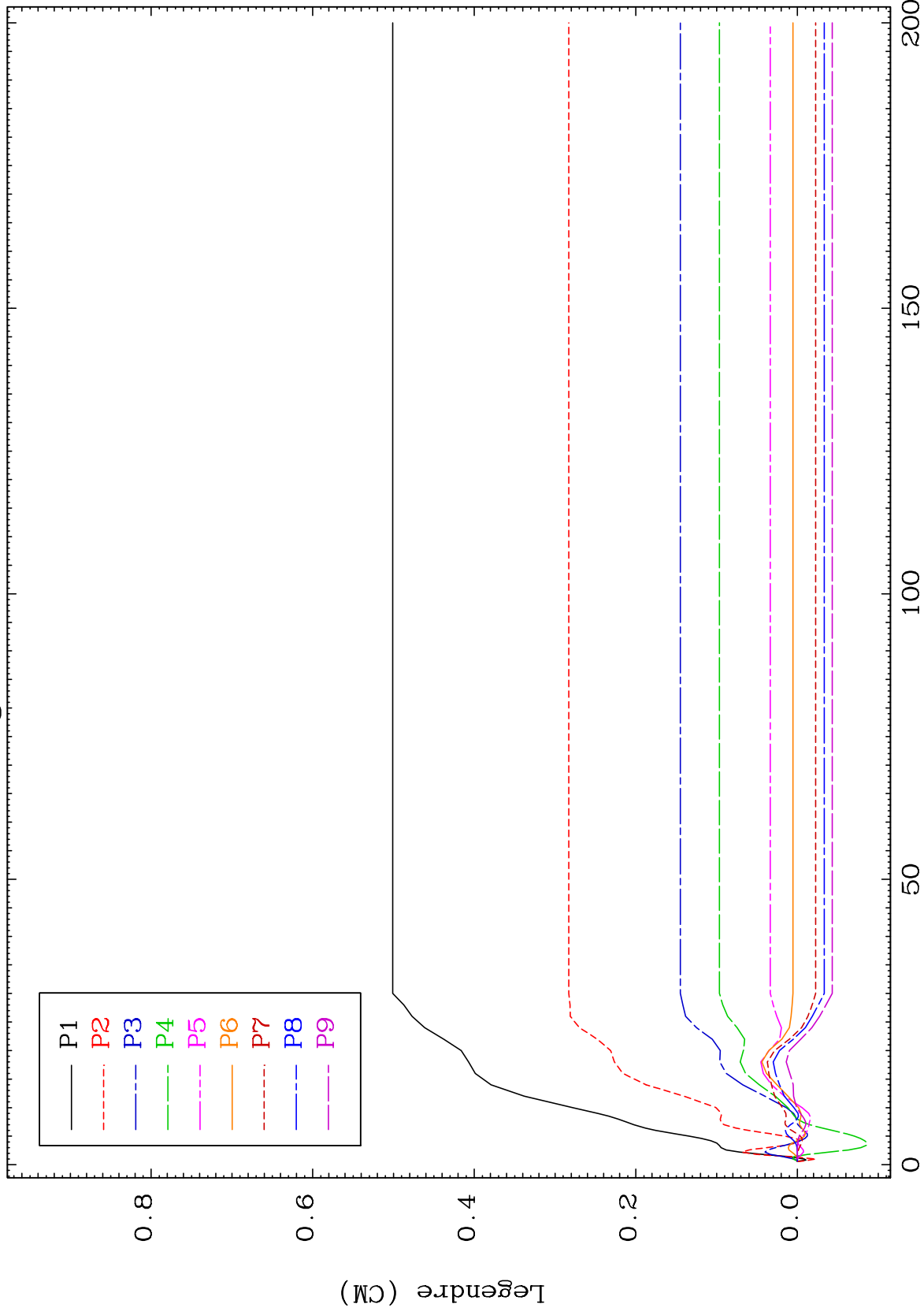
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

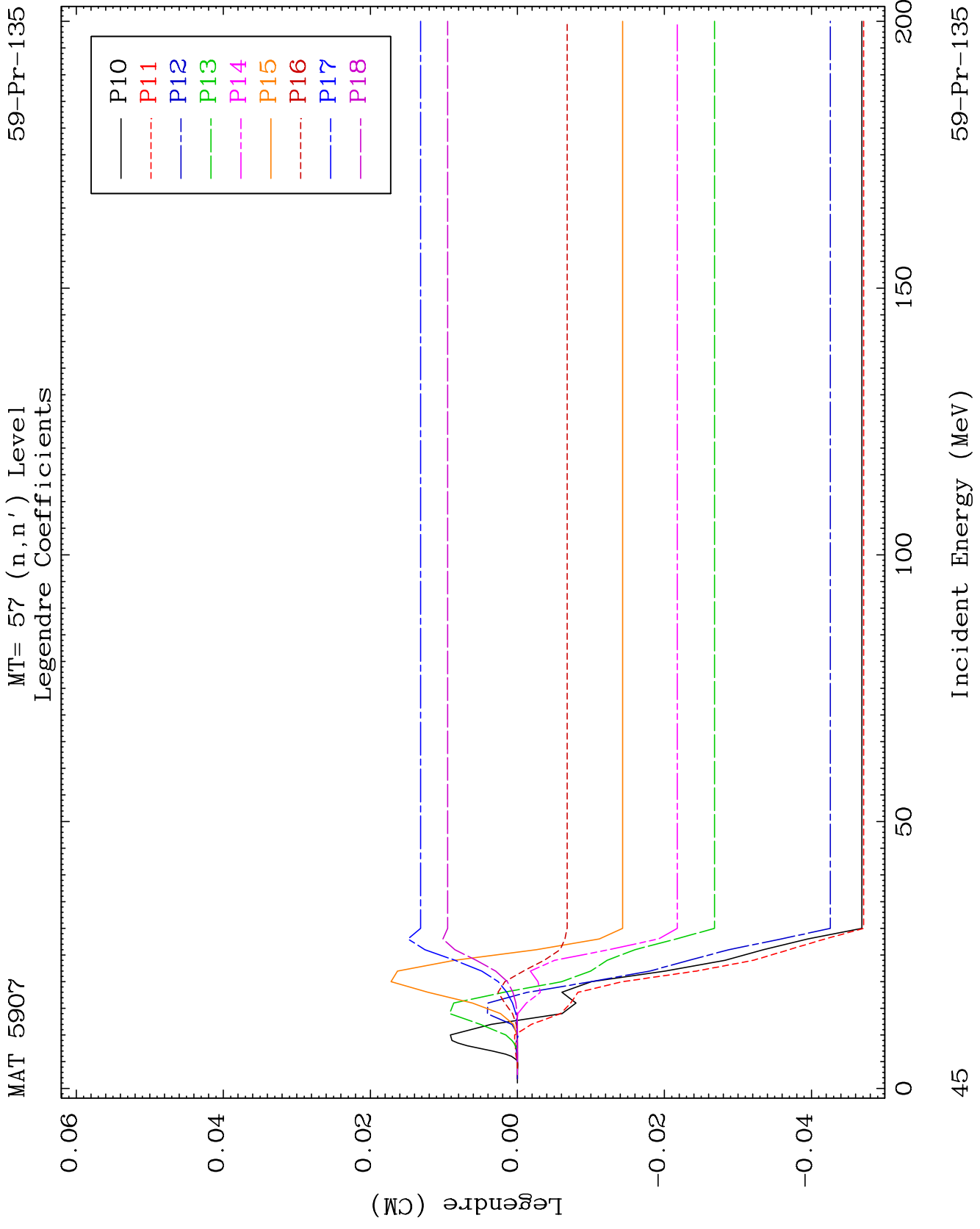
59-Pr-135



44

Incident Energy (MeV)

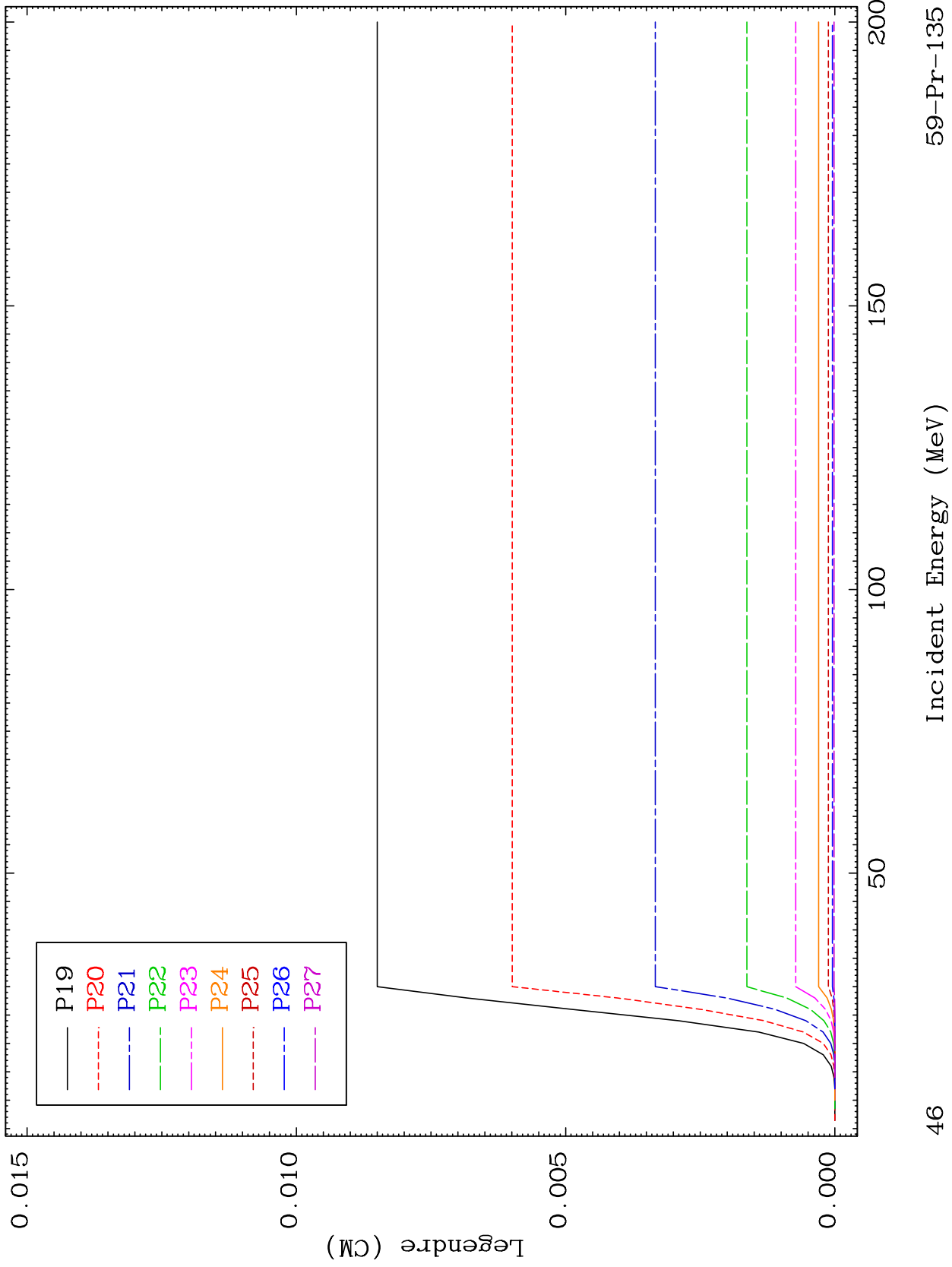
59-Pr-135



MAT 5907

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

59-Pr-135



46

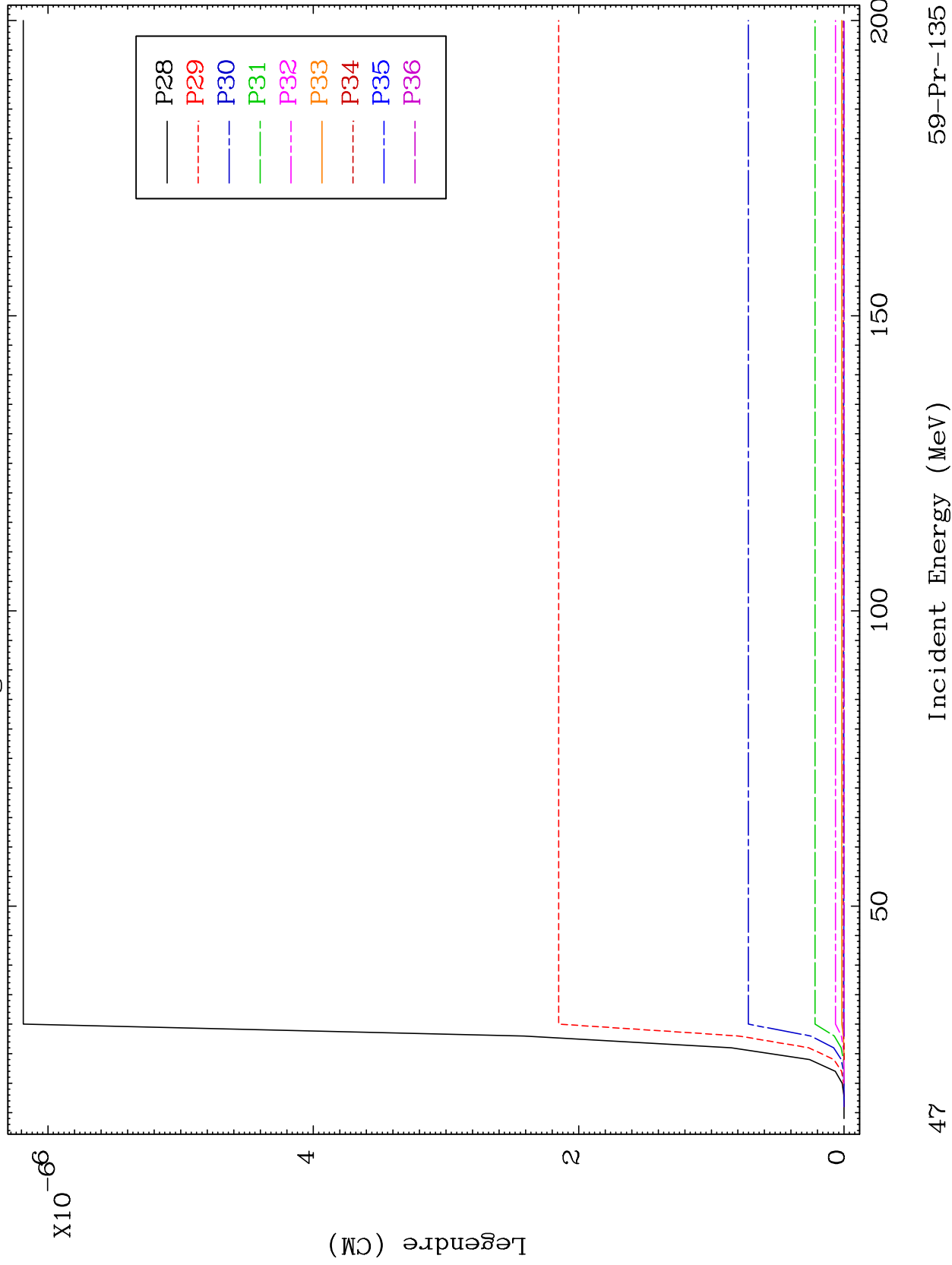
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

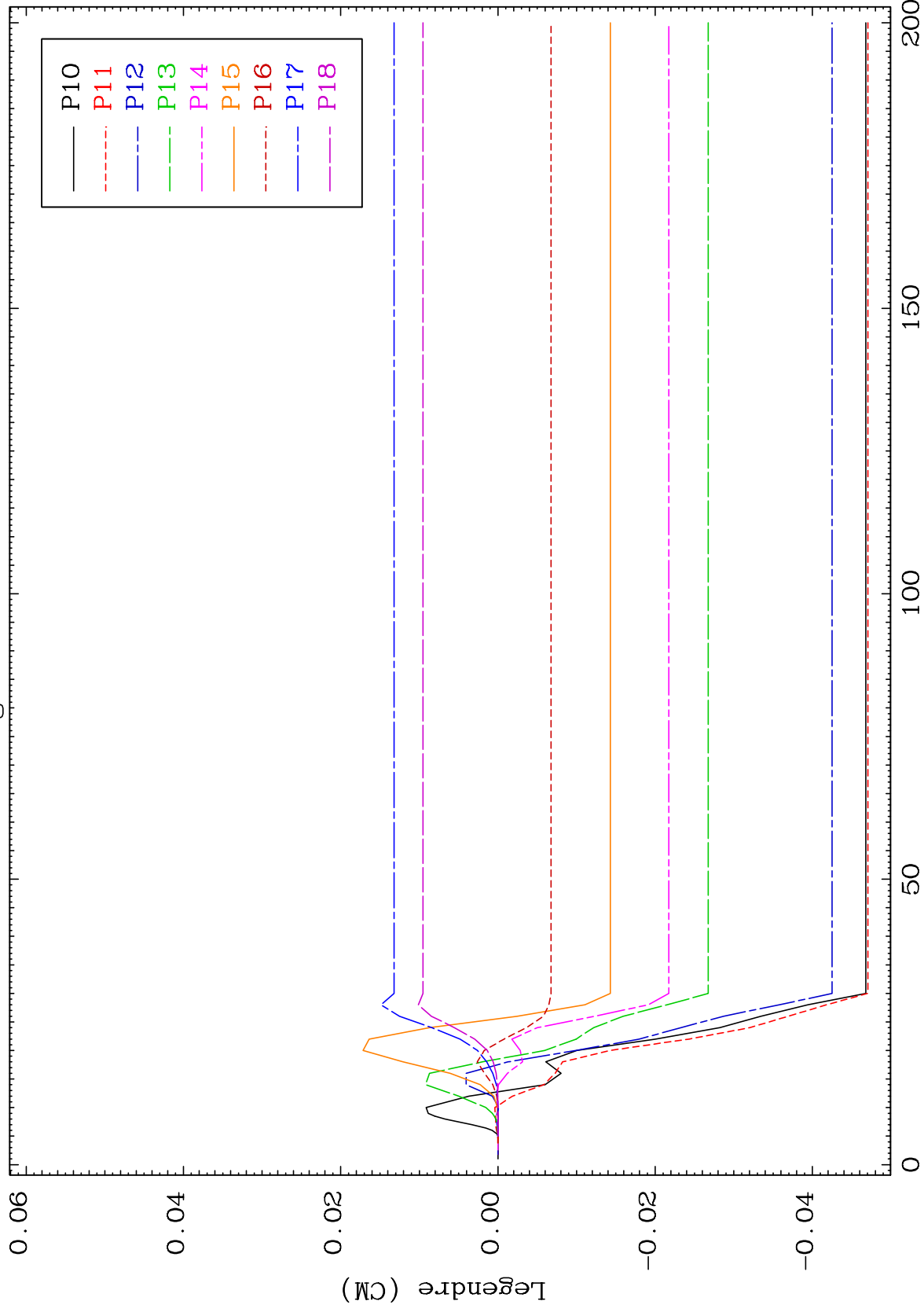
59-Pr-135



MAT 5907

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

59-Pr-135



49

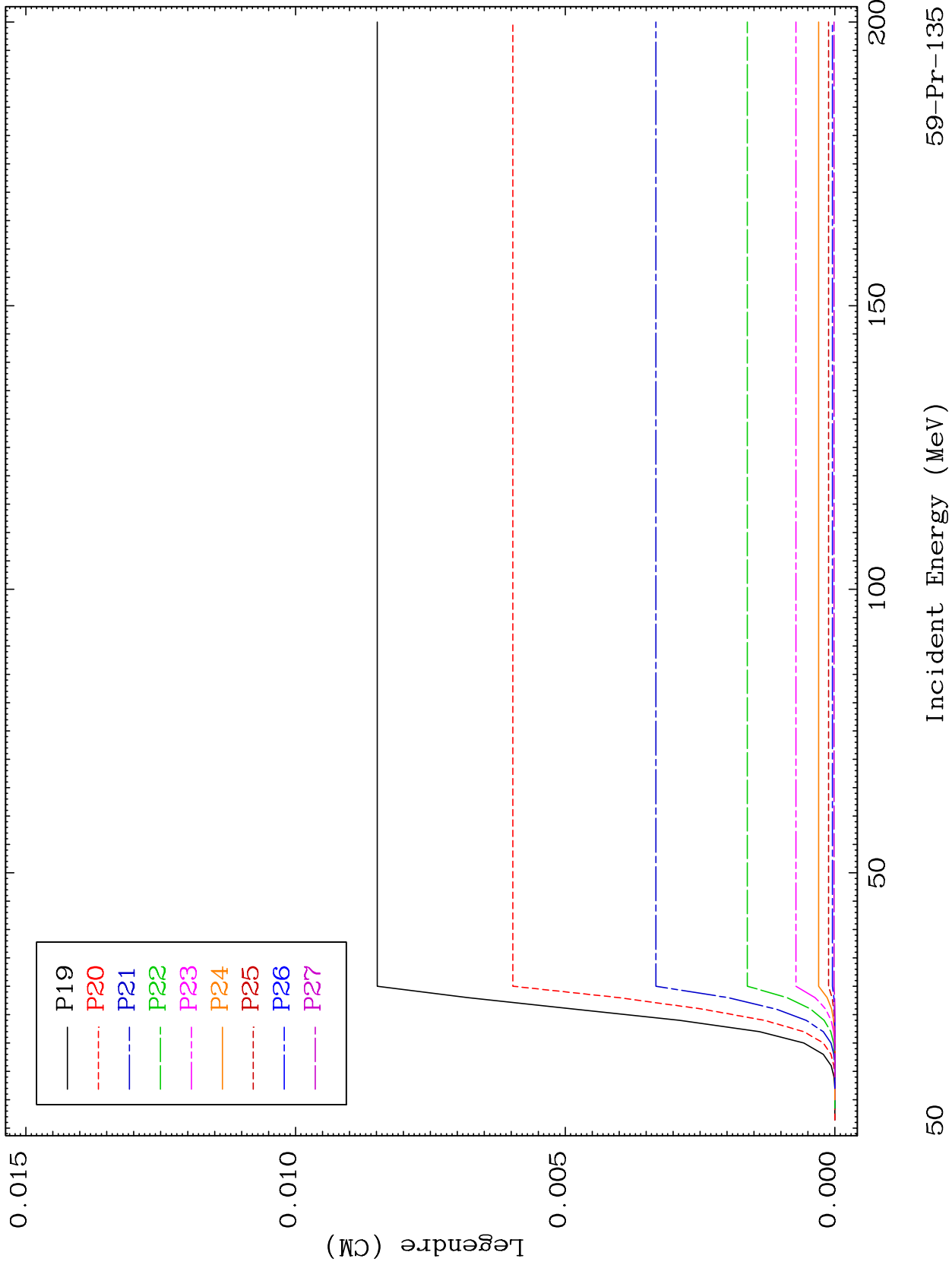
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

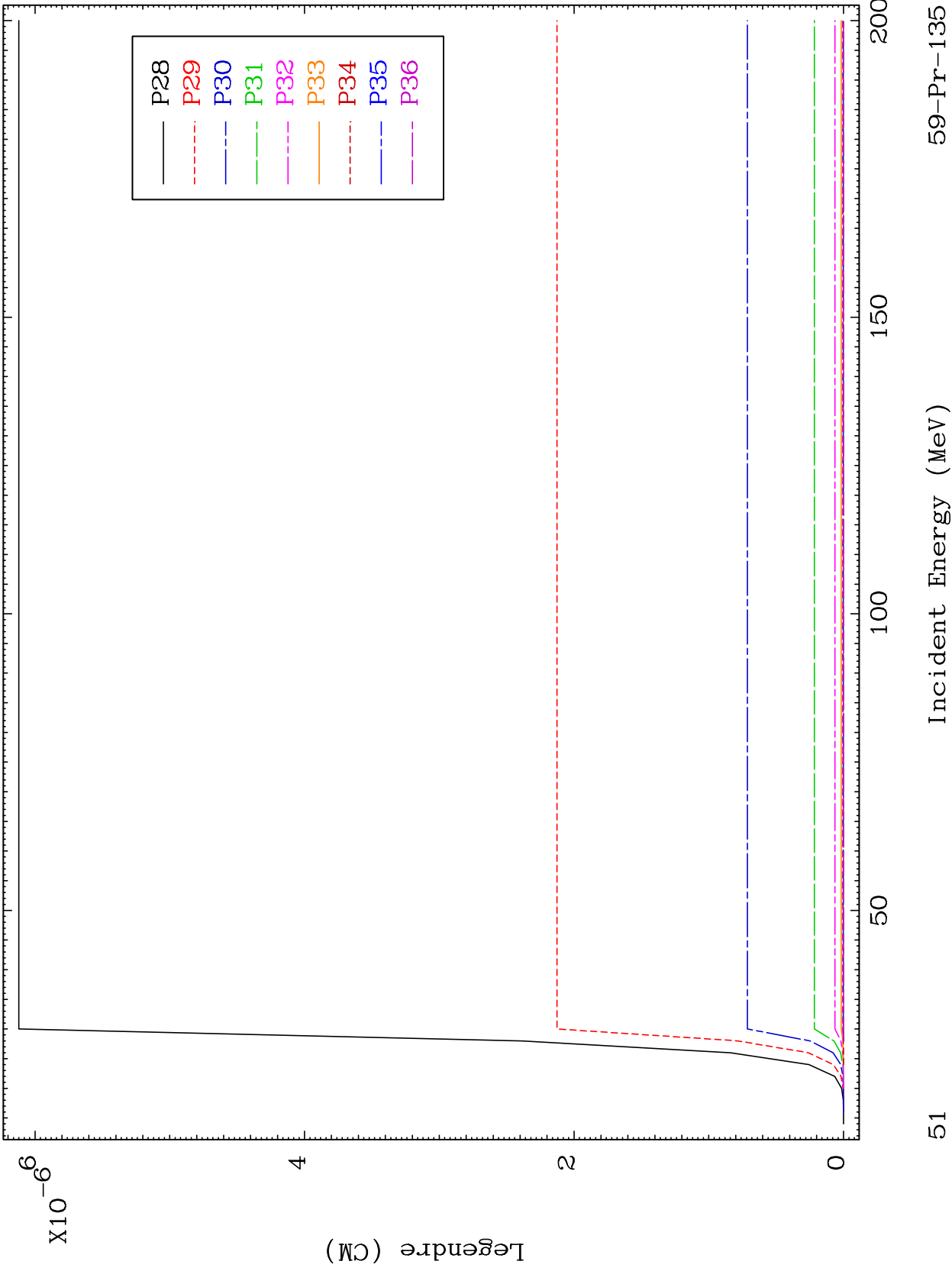
59-Pr-135



MAT 5907

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

59-Pr-135



51

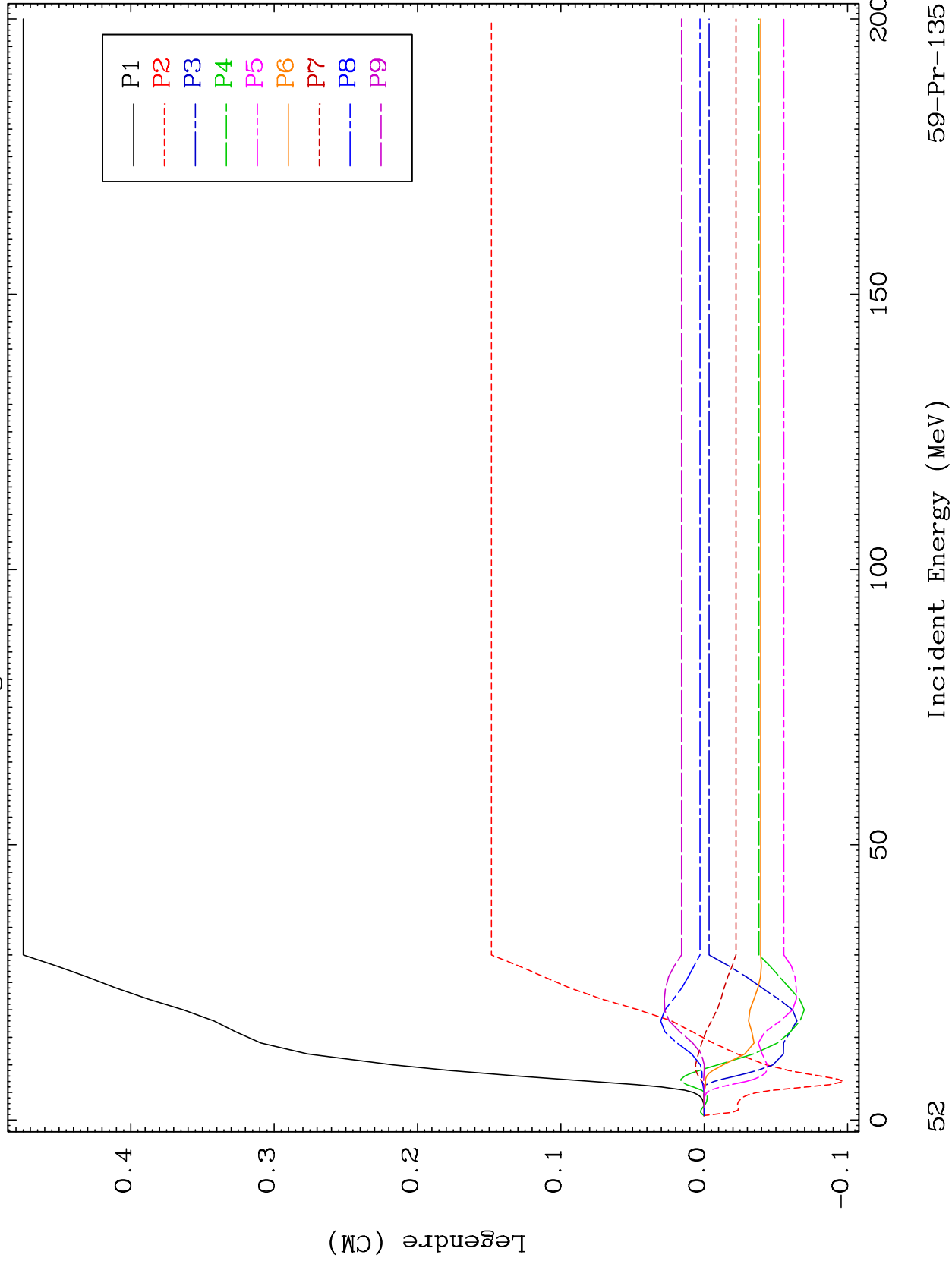
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



59-Pr-135

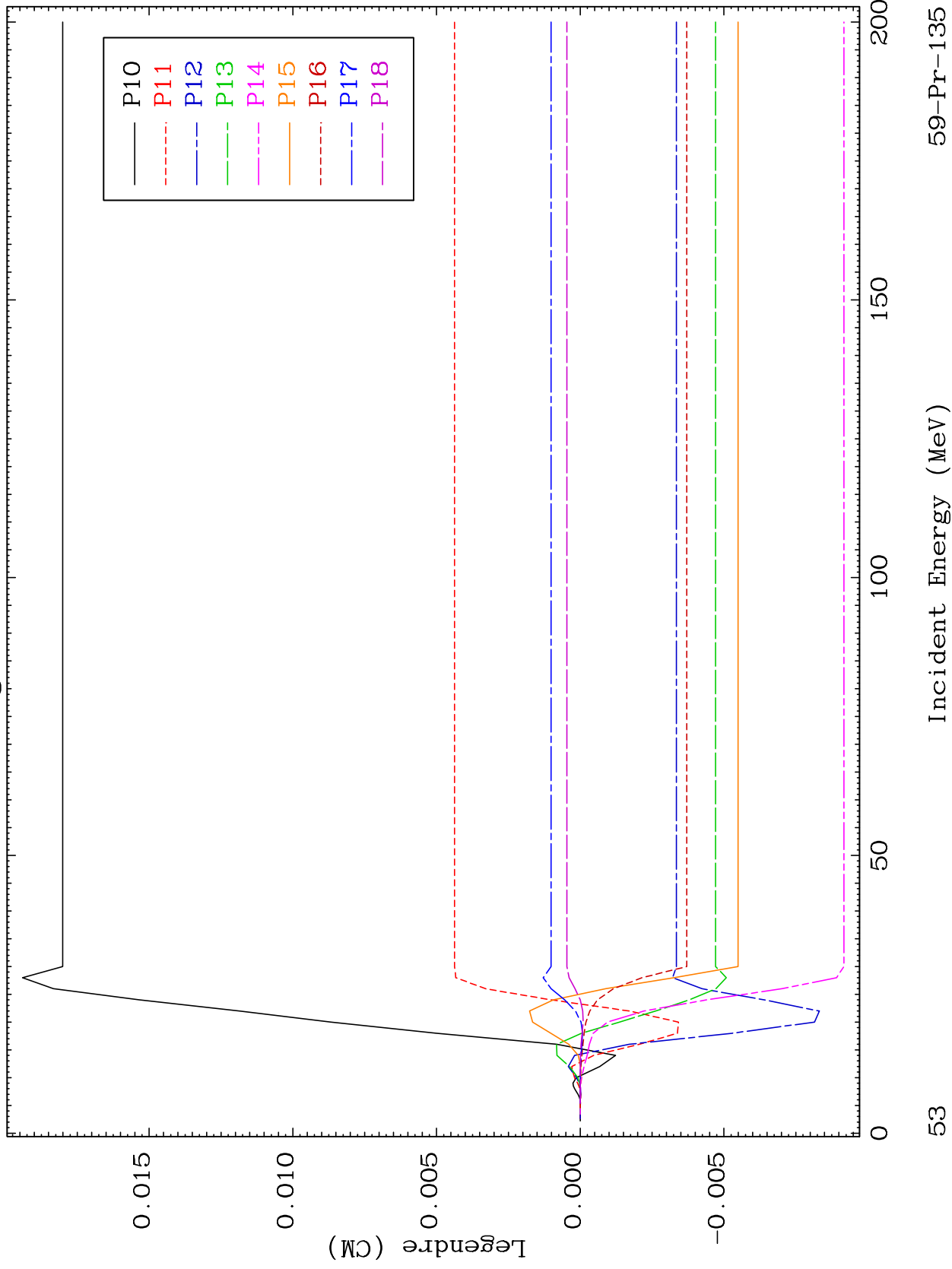
Incident Energy (MeV)

52

MAT 5907

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

59-Pr-135



53

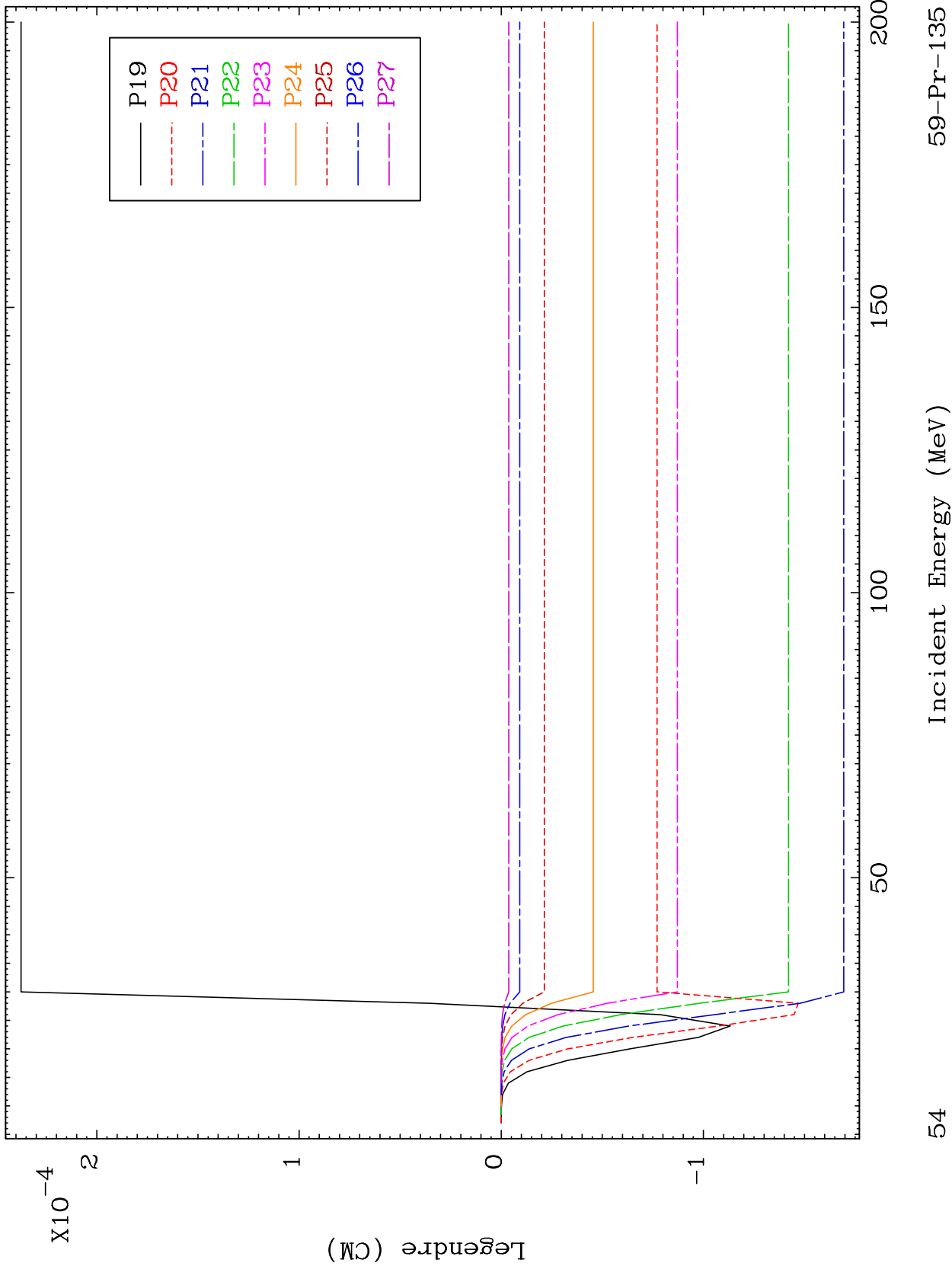
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

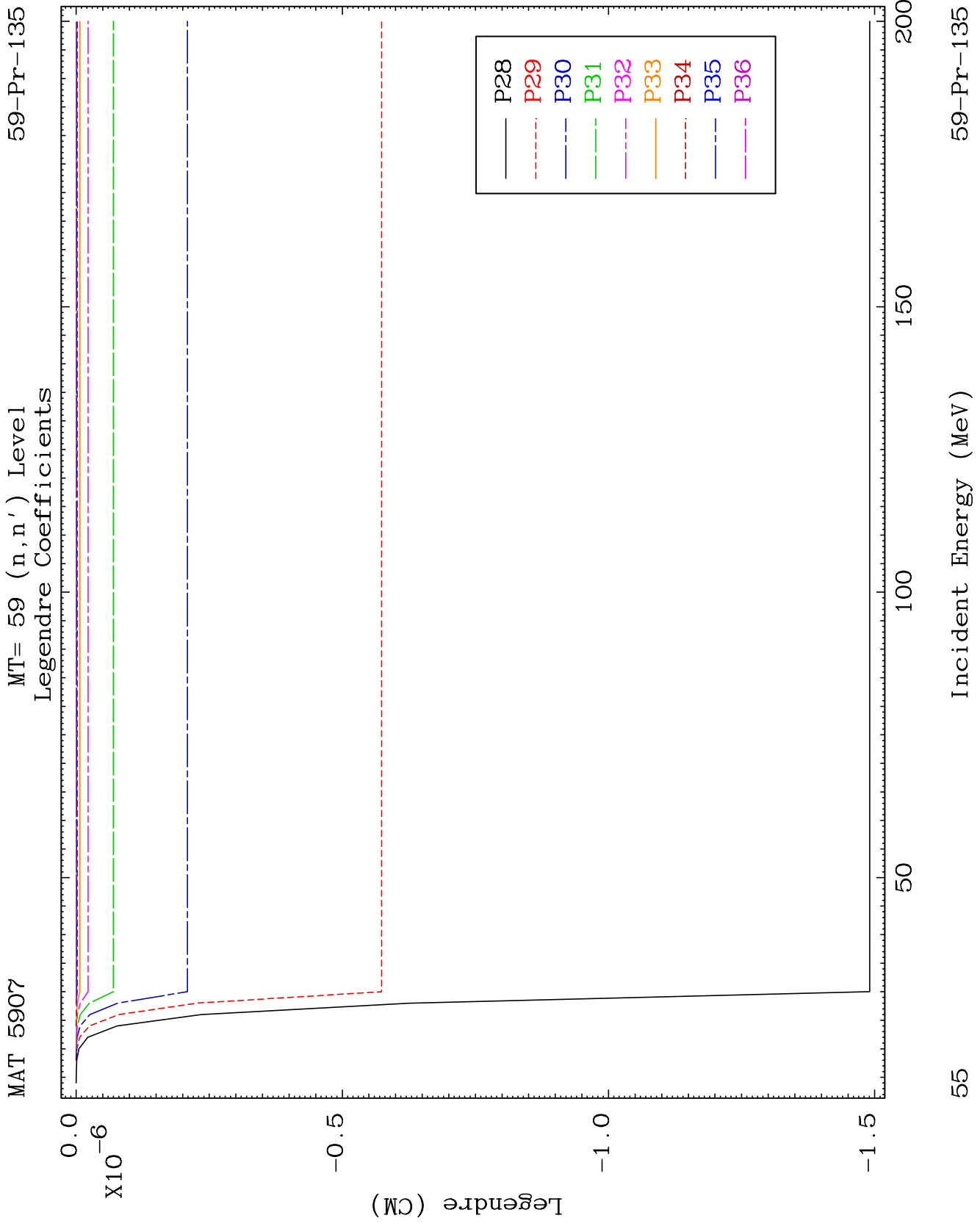
59-Pr-135



54

Incident Energy (MeV)

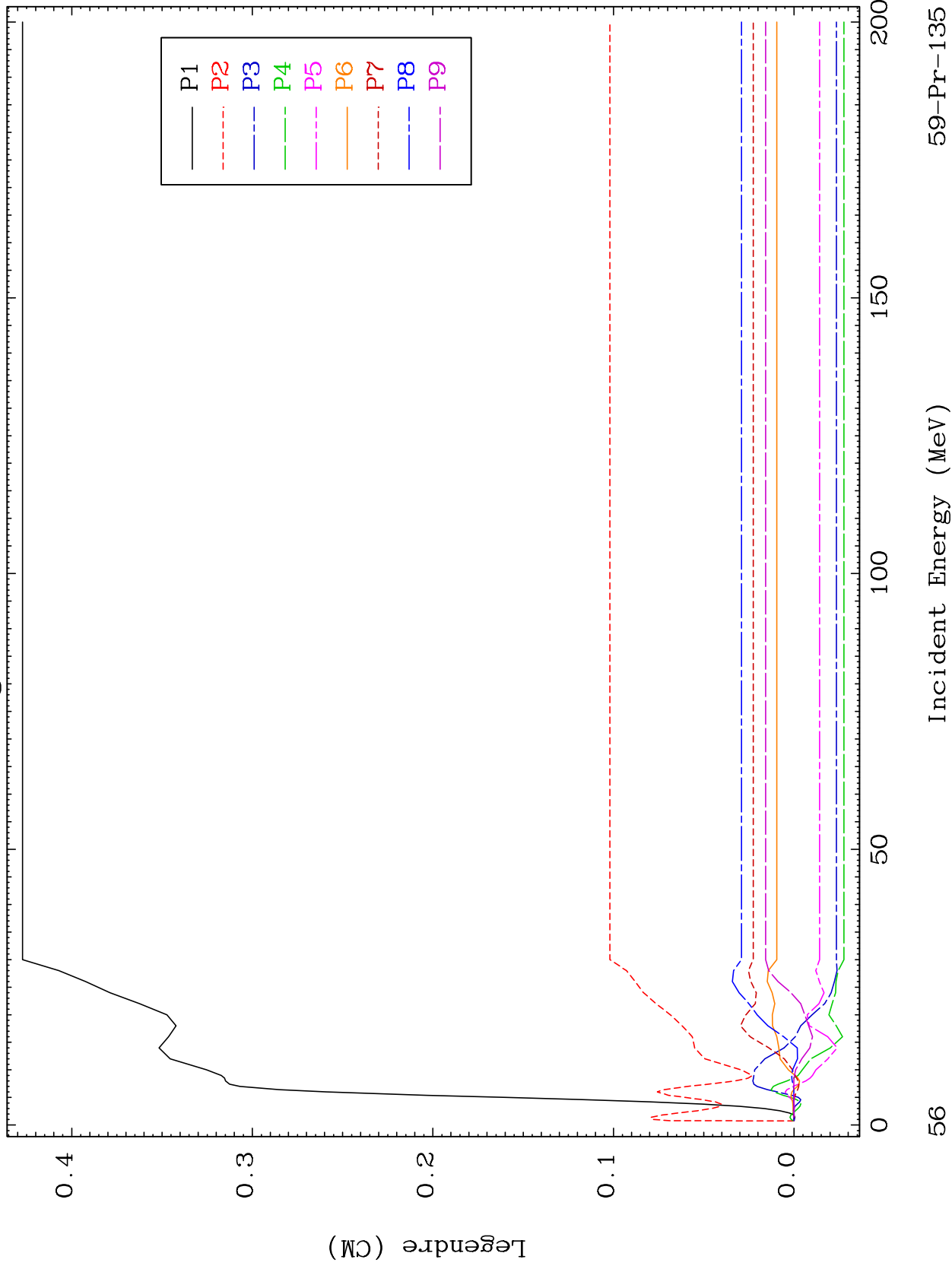
59-Pr-135



MAT 5907

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

59-Pr-135



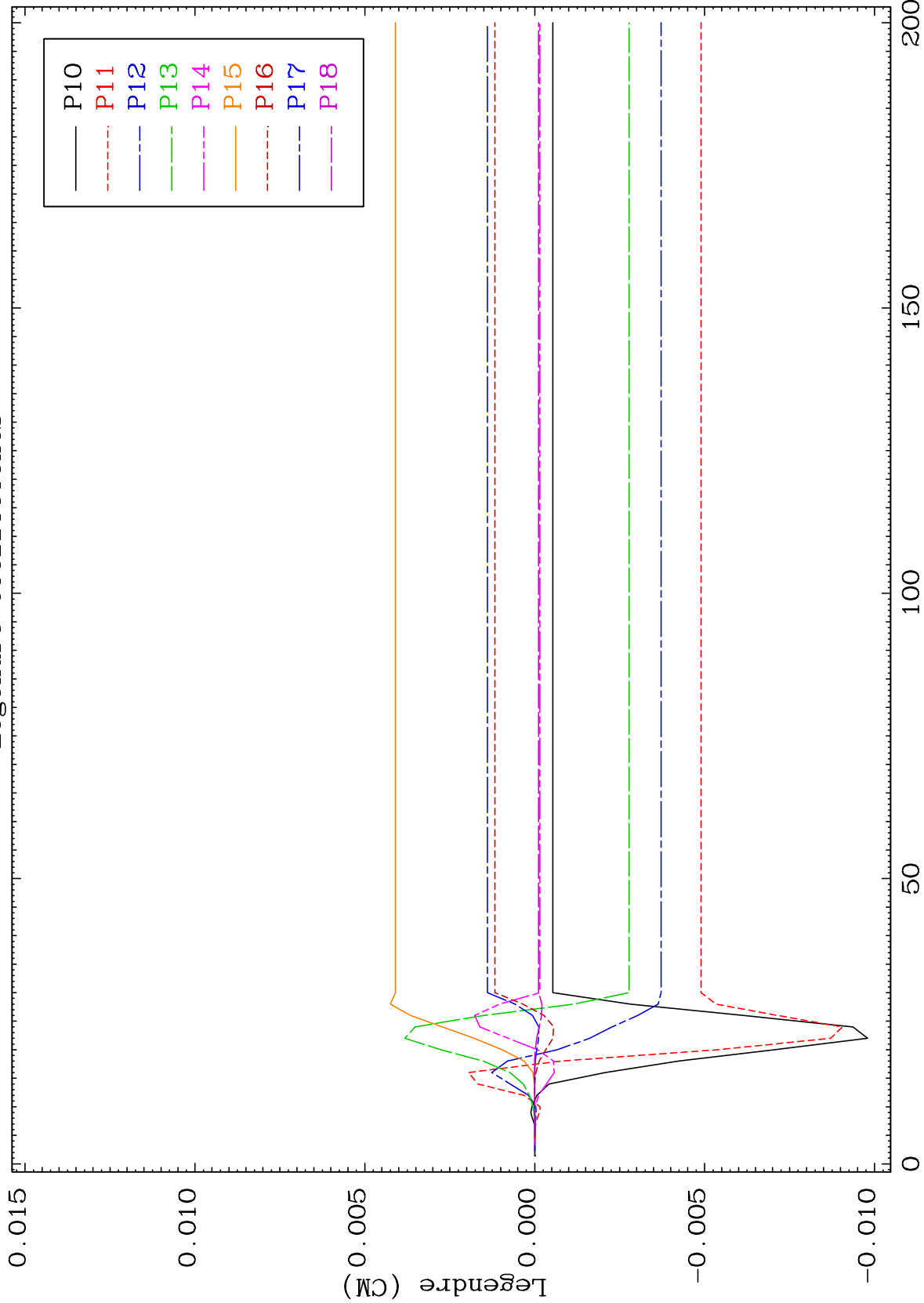
56

59-Pr-135

MAT 5907

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

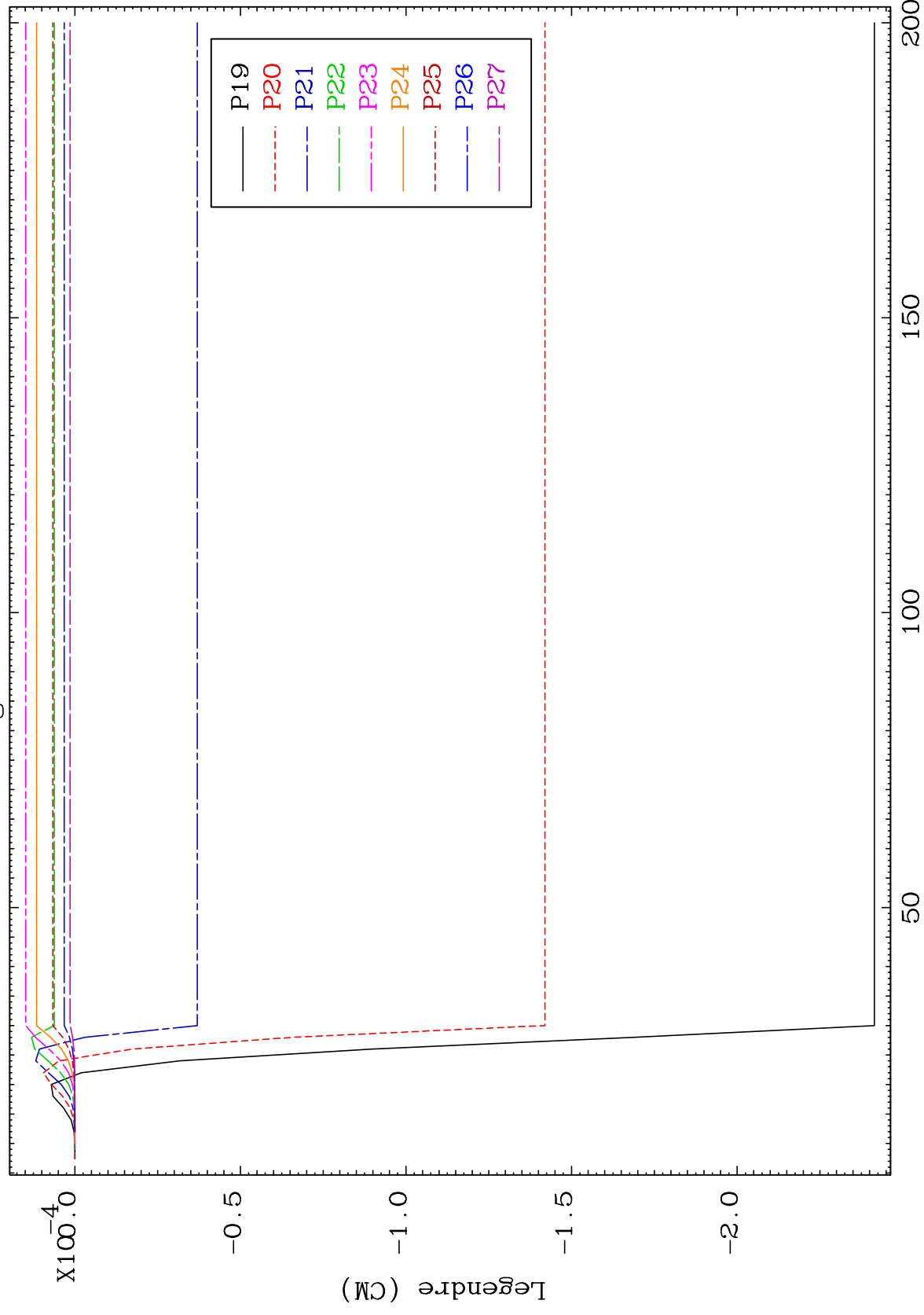
59-Pr-135



57

Incident Energy (MeV)

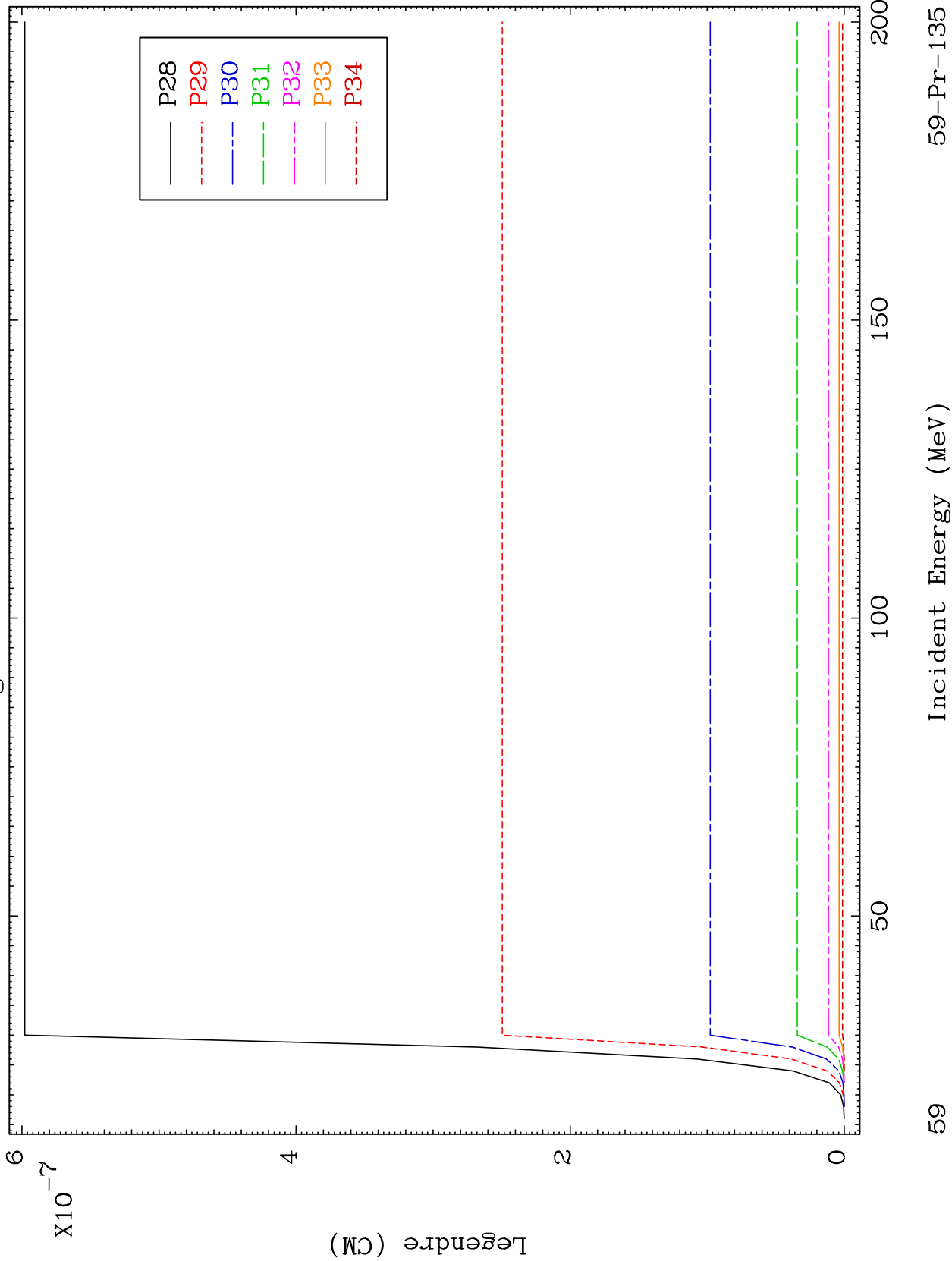
59-Pr-135



MAT 5907

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

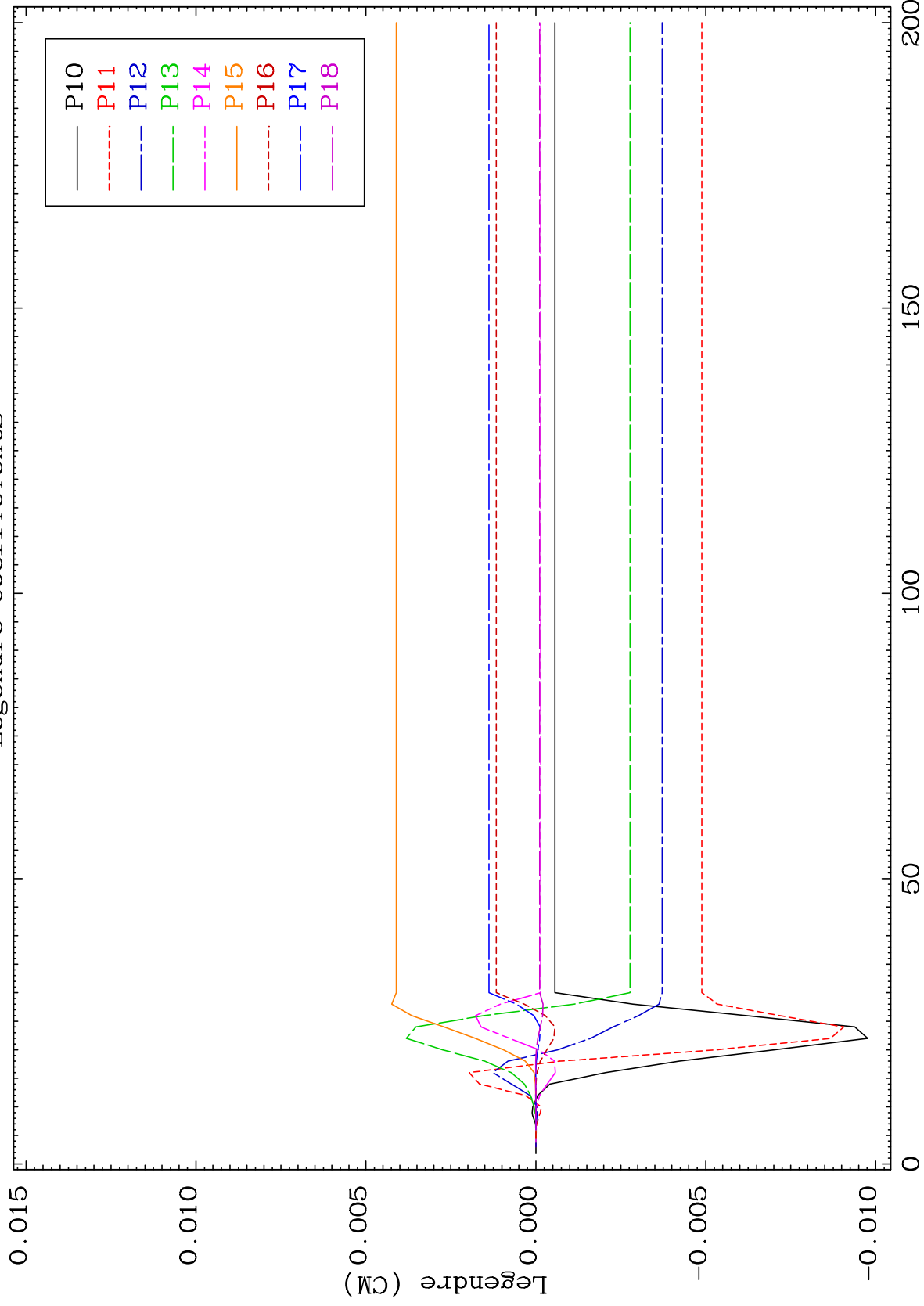
59-Pr-135



MAT 5907

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

59-Pr-135



61

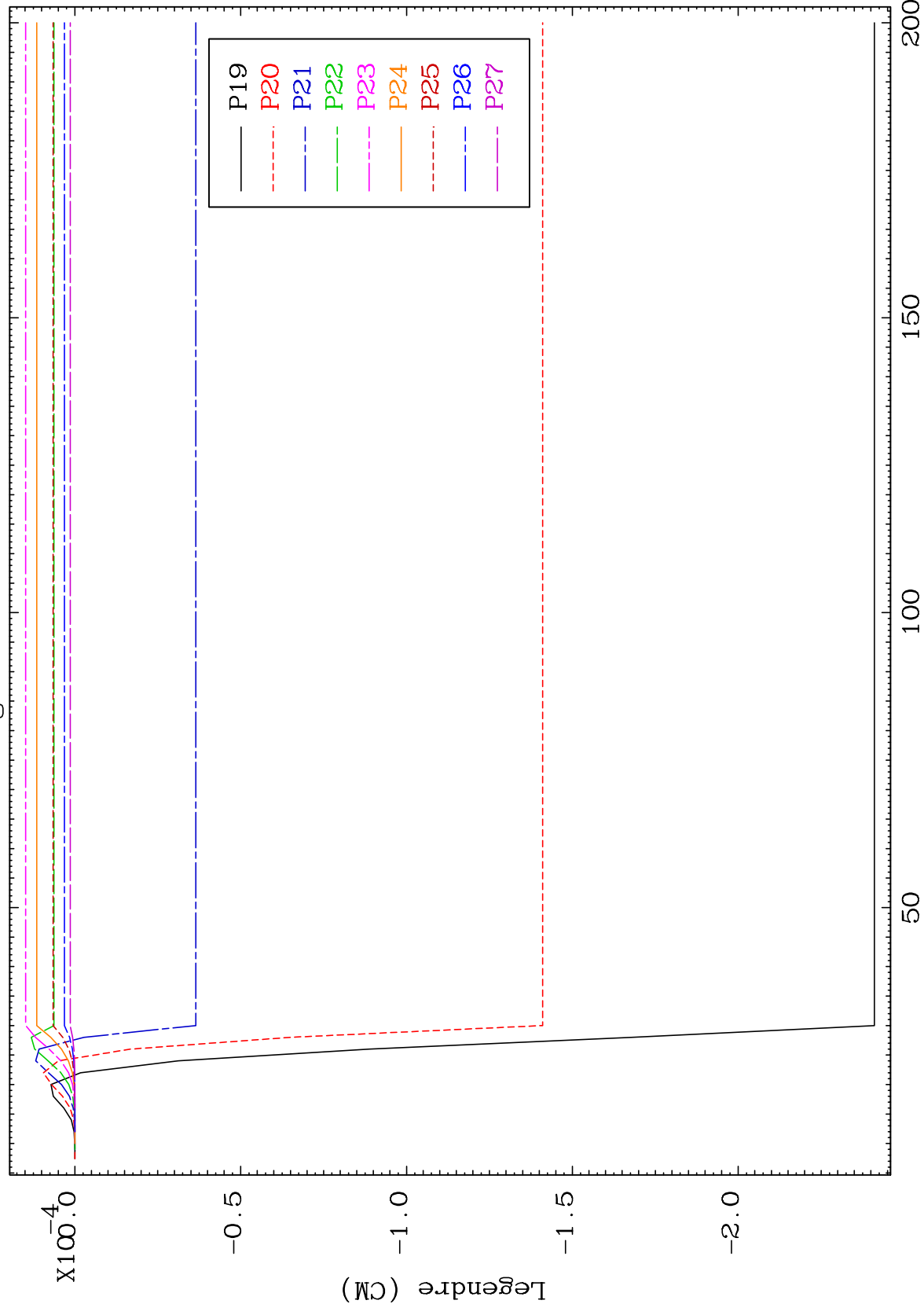
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

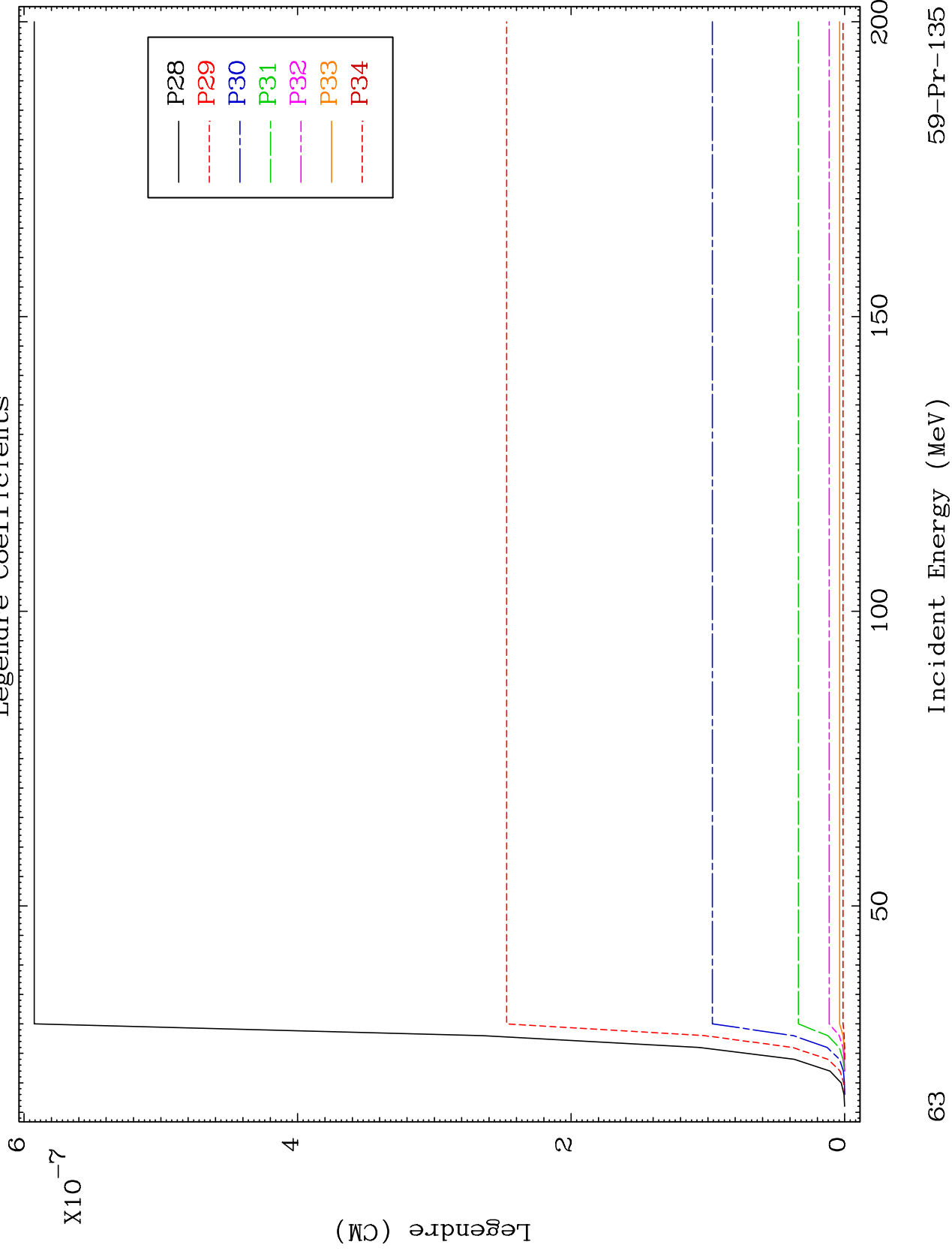
59-Pr-135



MAT 5907

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

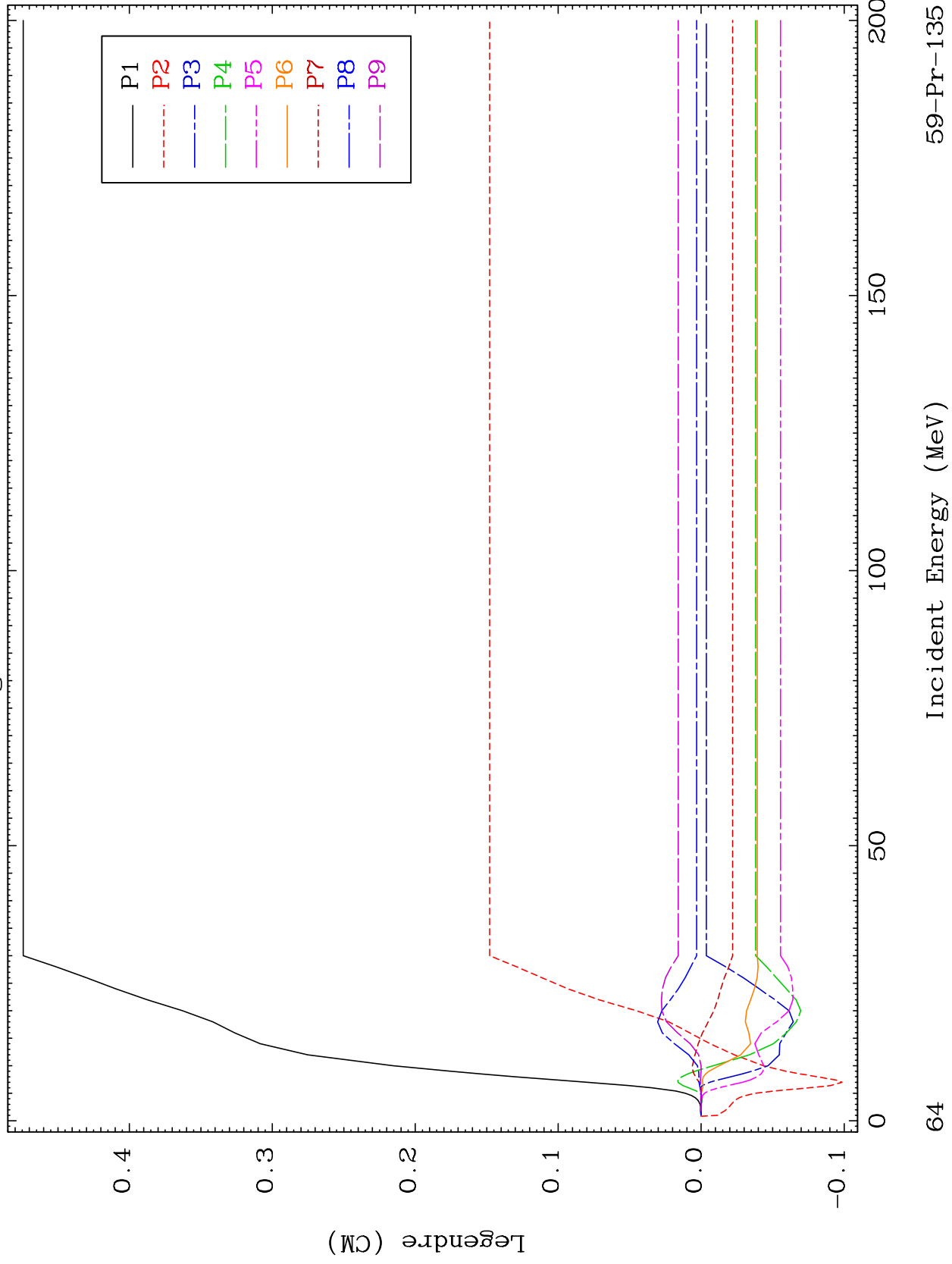
59-Pr-135



MAT 5907

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

59-Pr-135



59-Pr-135

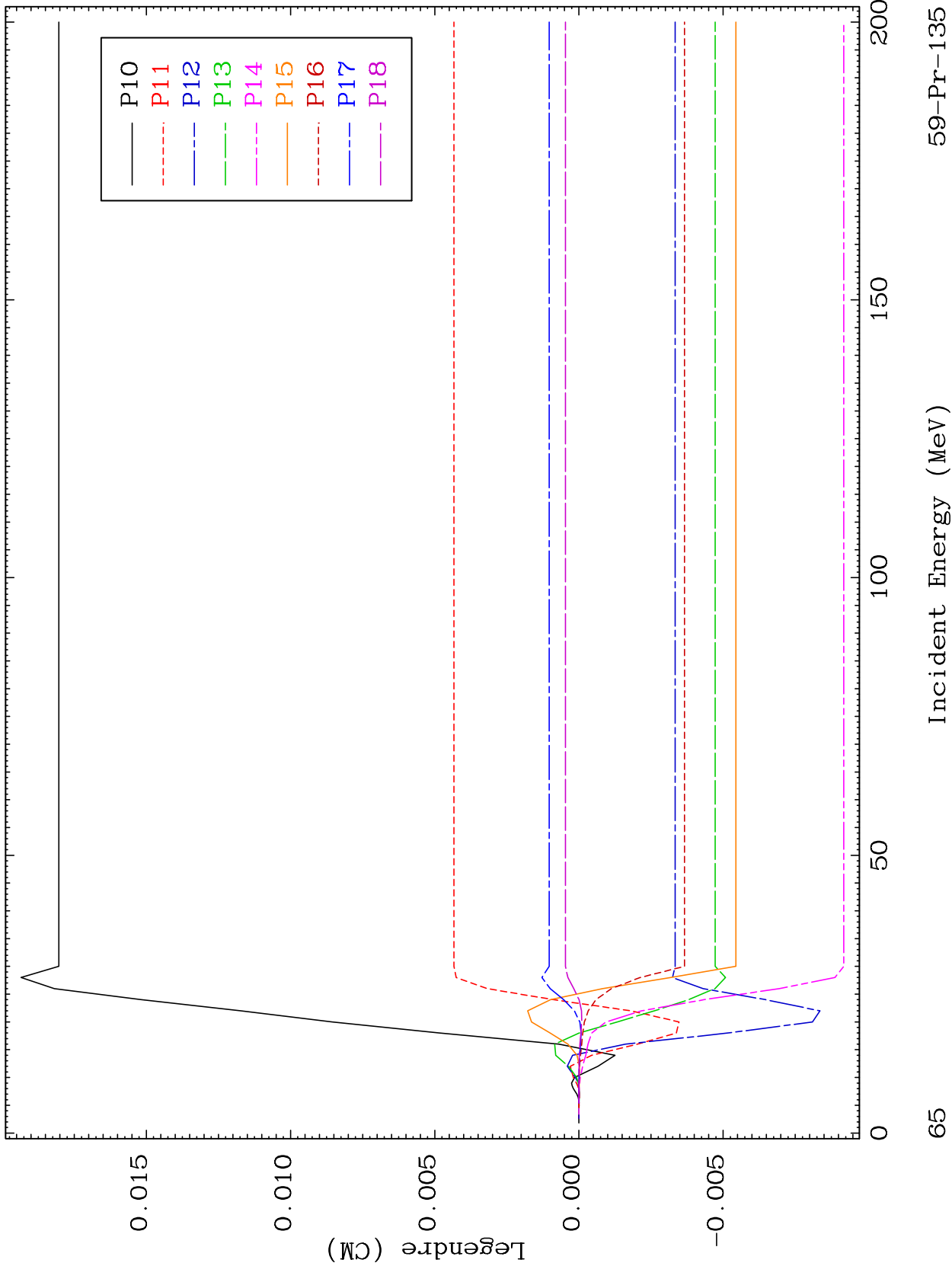
Incident Energy (MeV)

64

MAT 5907

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

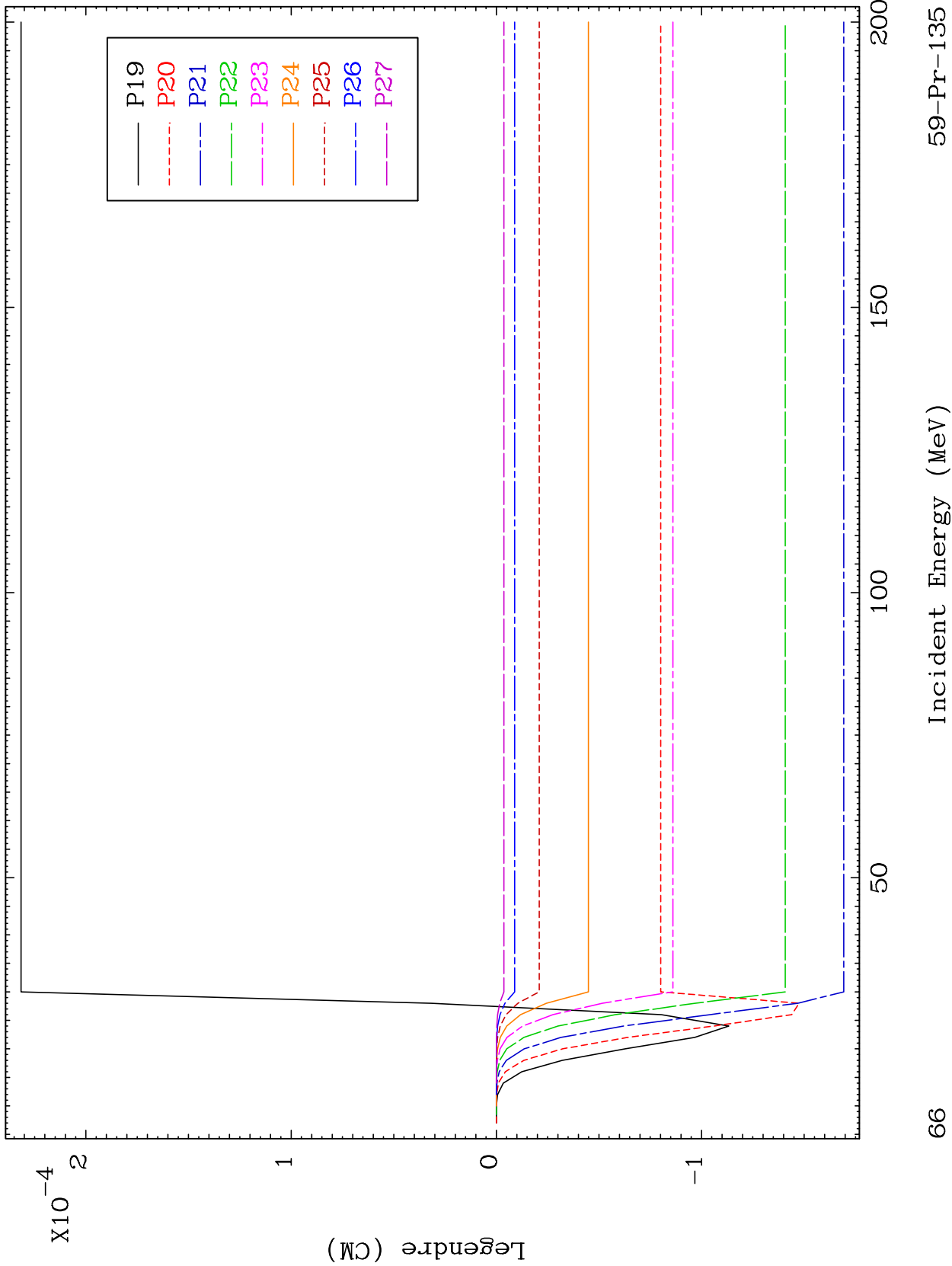
59-Pr-135

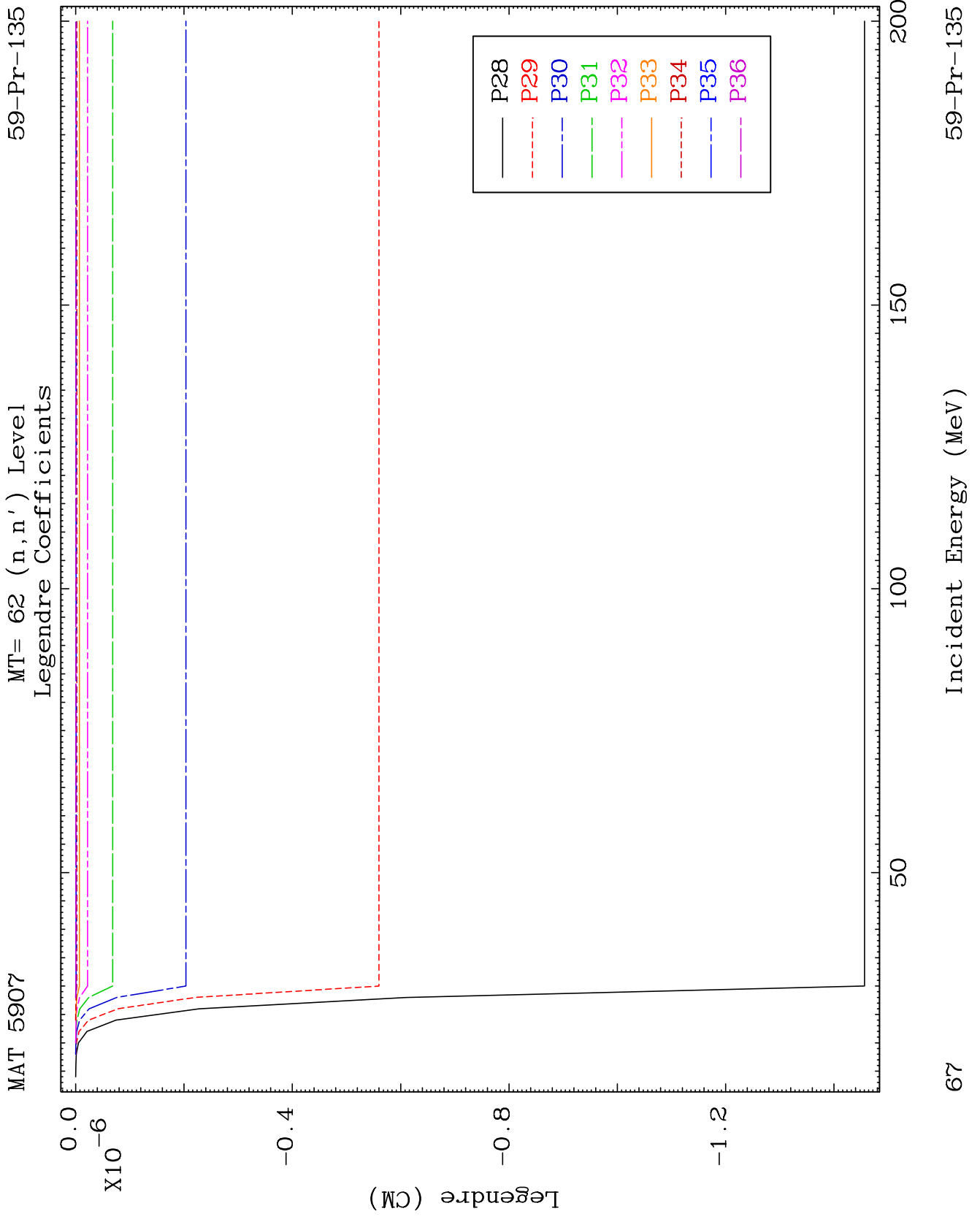


65

Incident Energy (MeV)

59-Pr-135

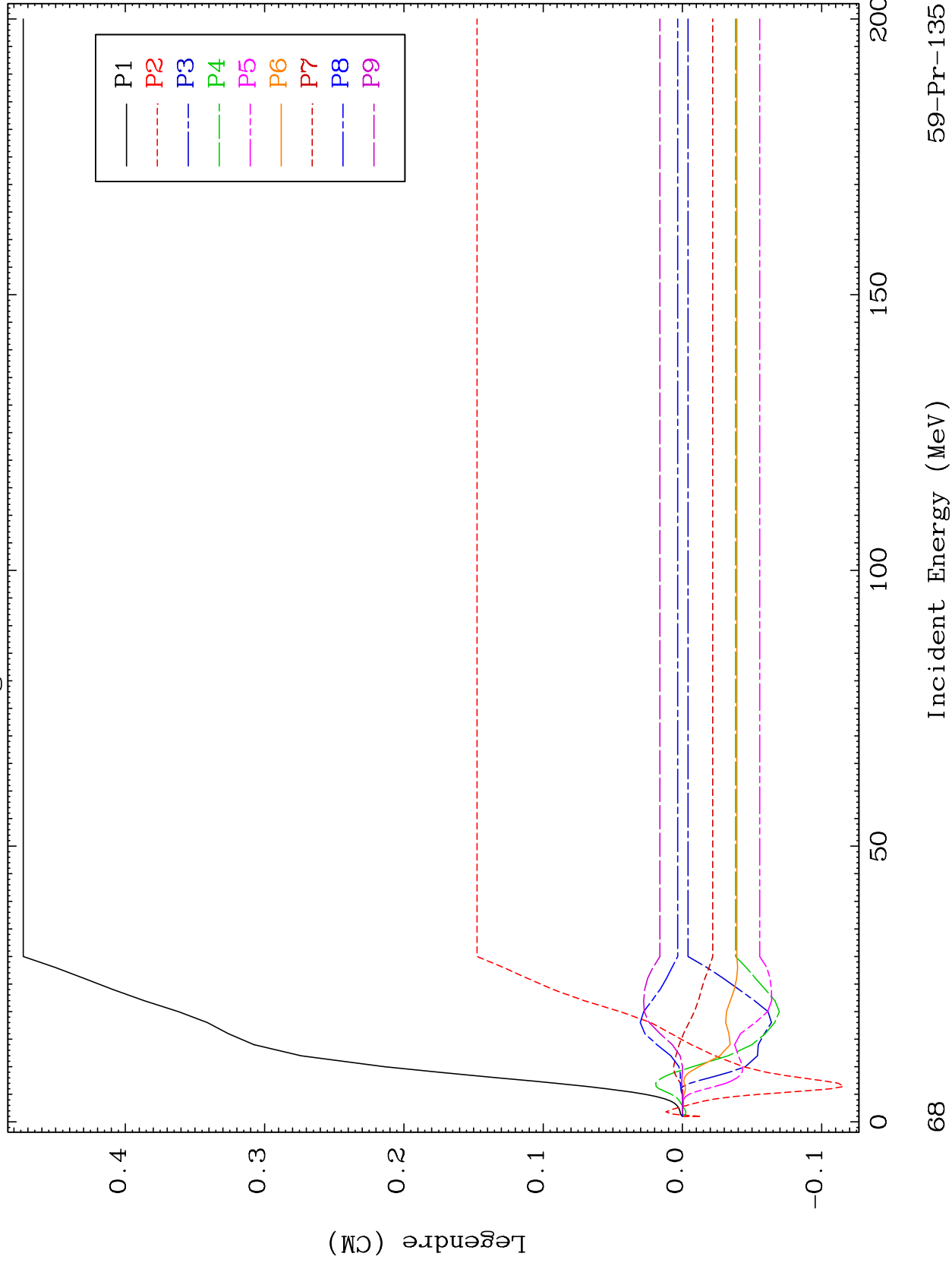




MAT 5907

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

59-Pr-135



59-Pr-135

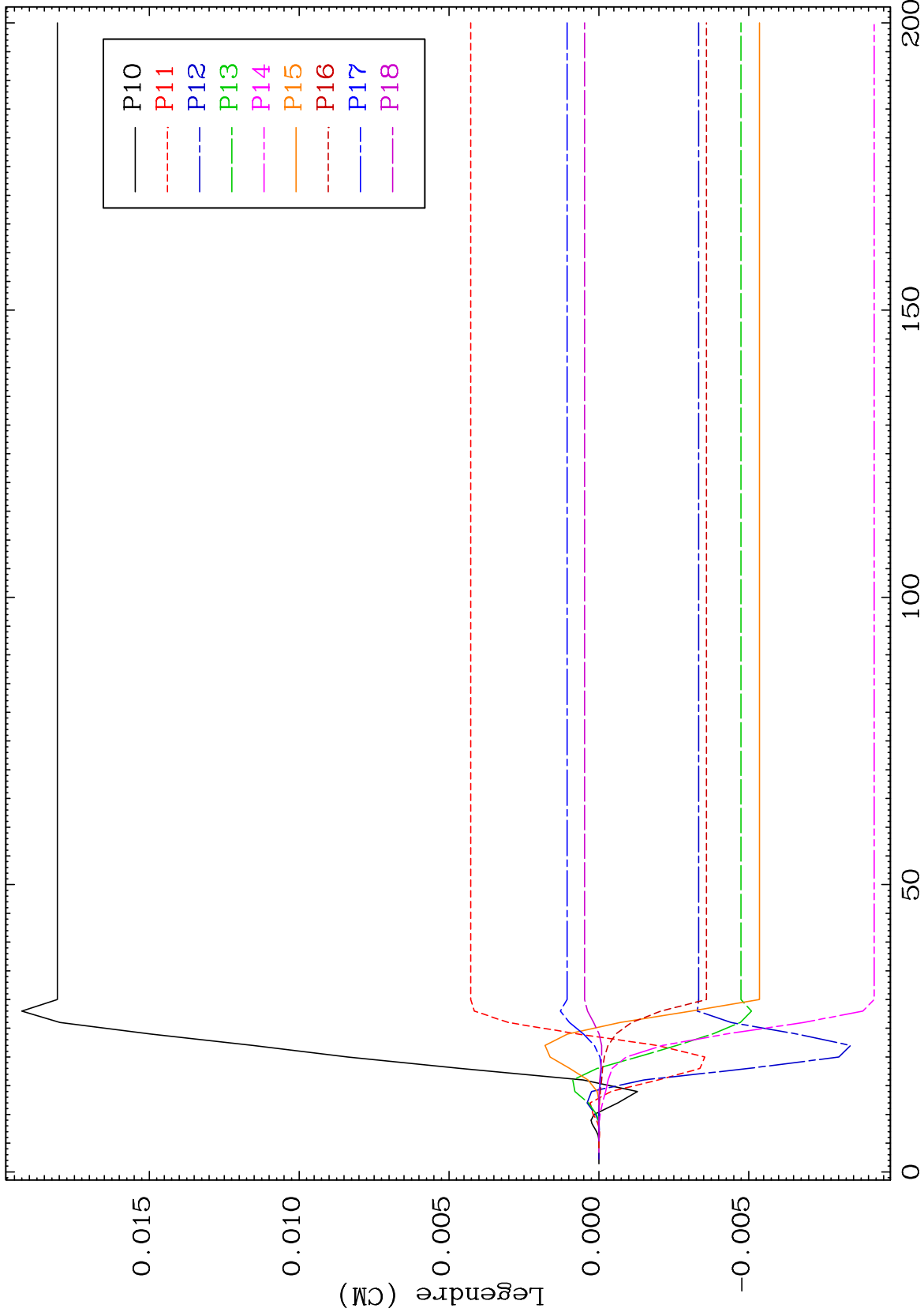
Incident Energy (MeV)

68

MAT 5907

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

59-Pr-135



69

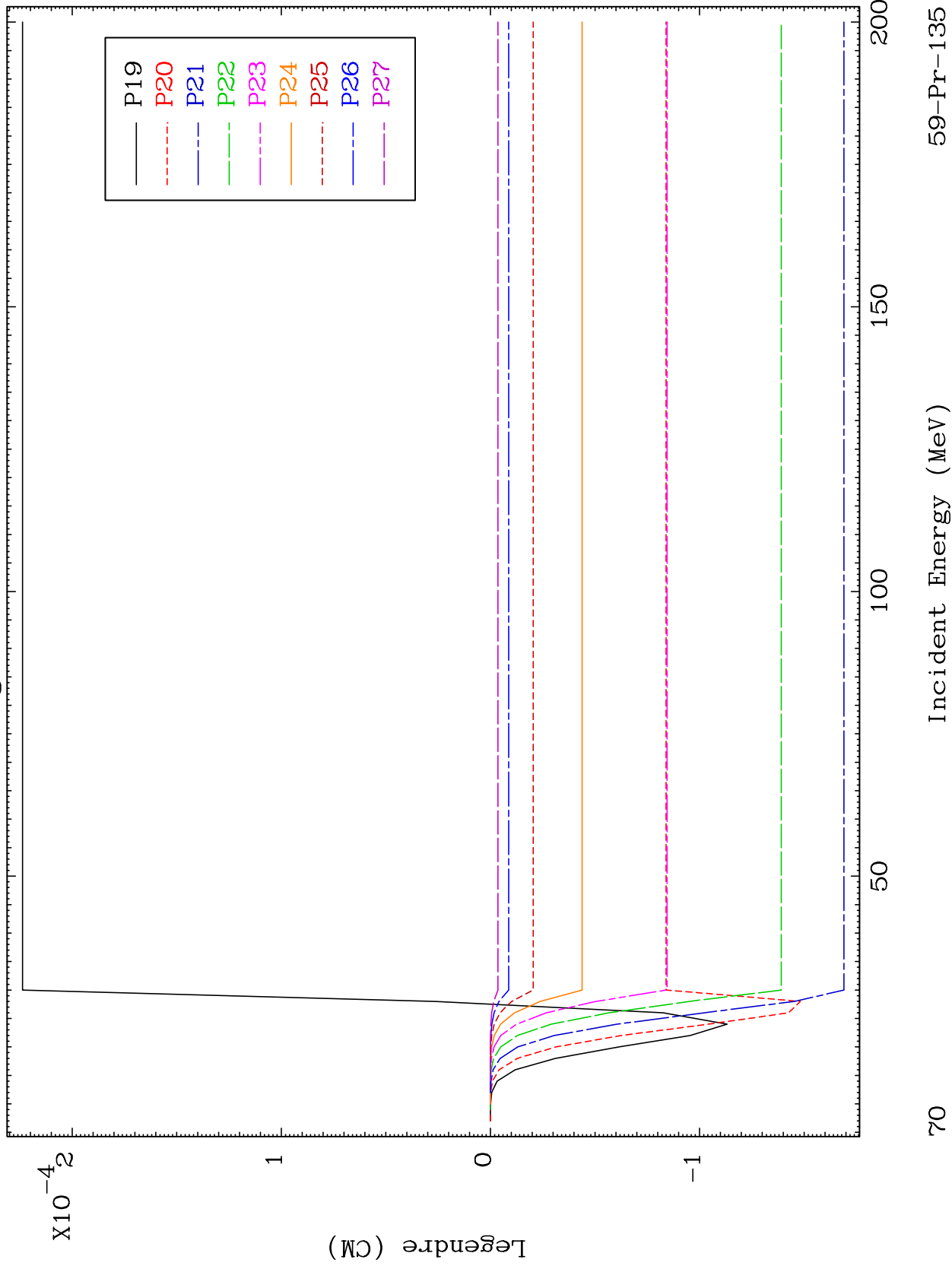
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



70

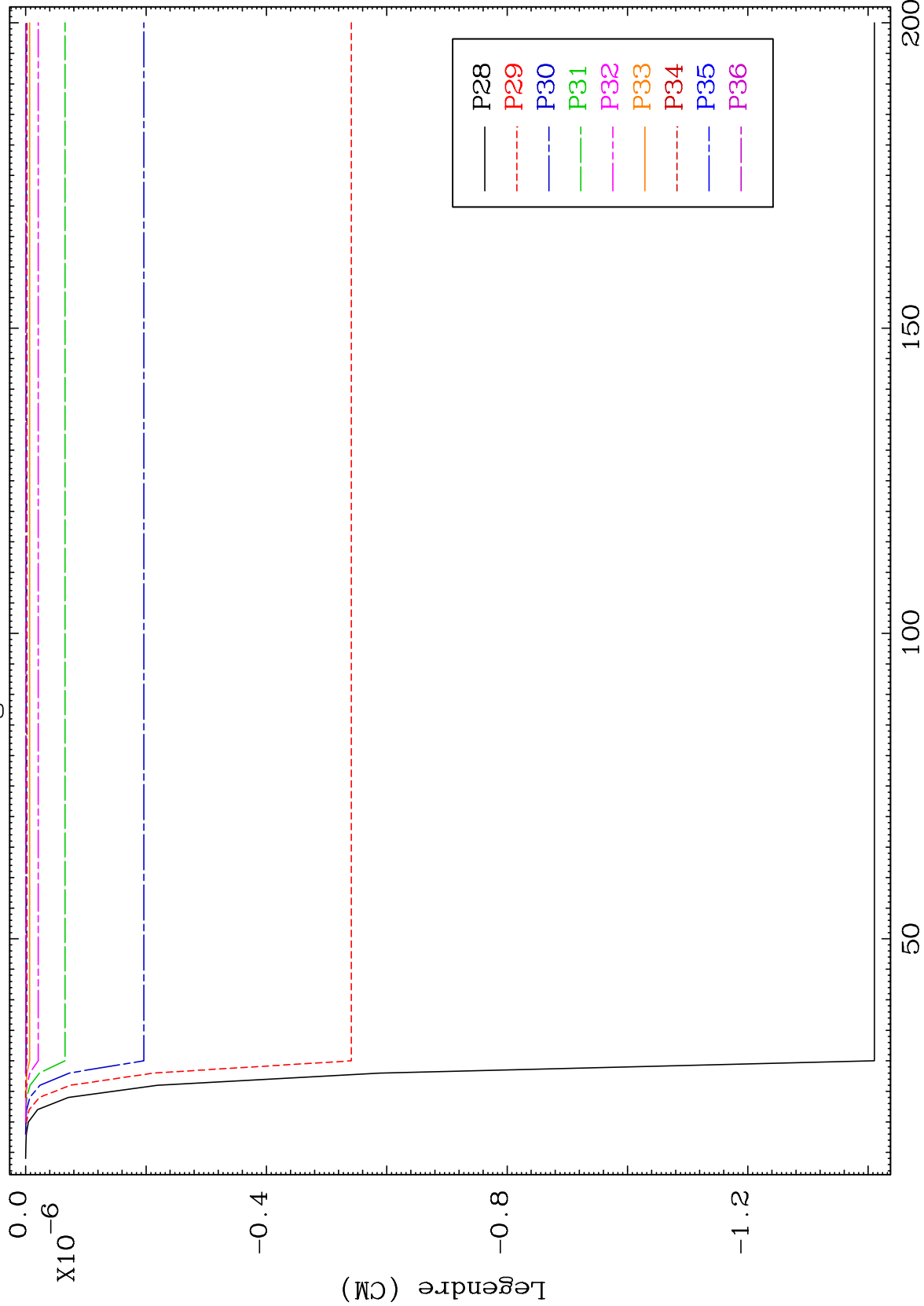
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



59-Pr-135

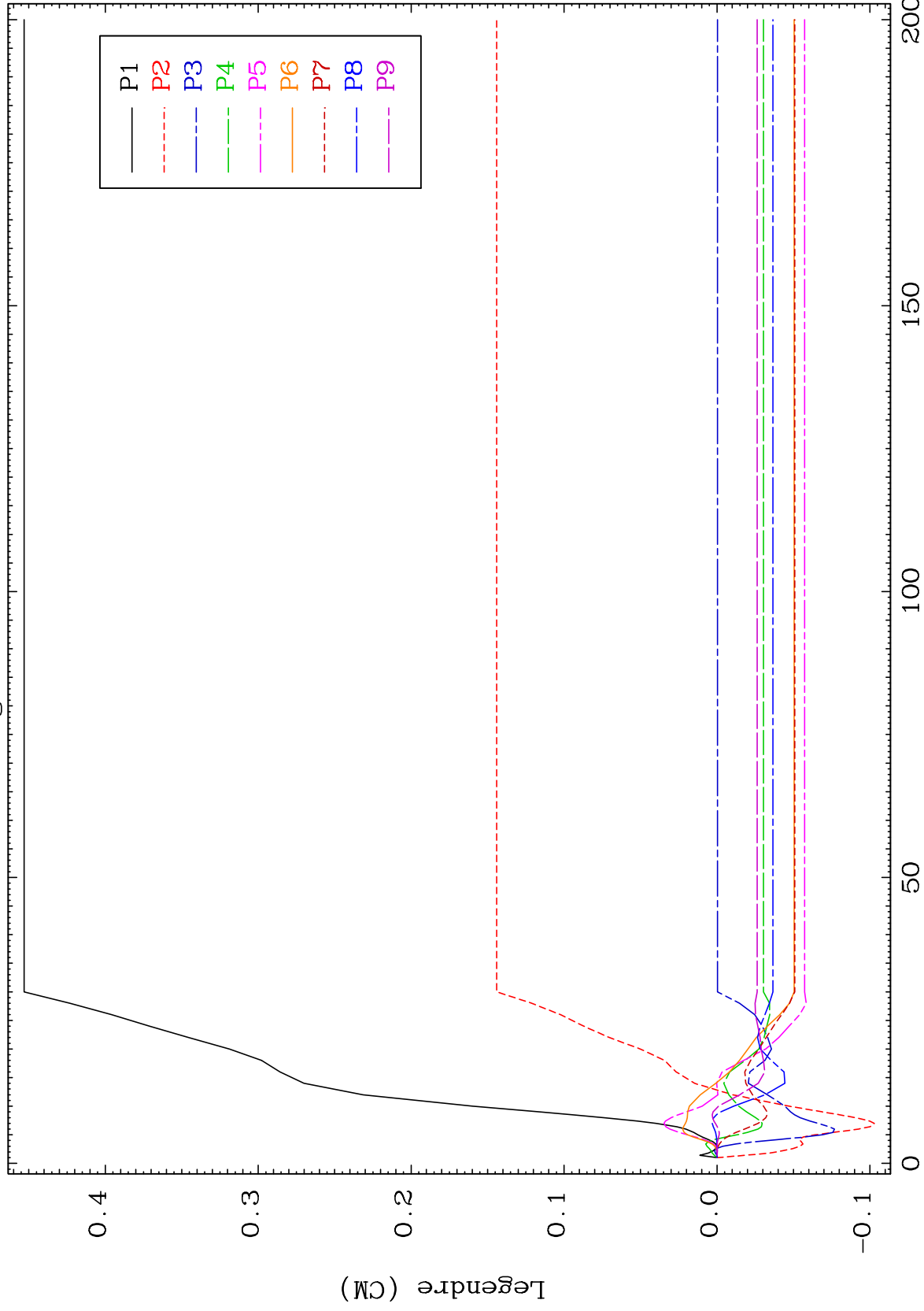
Incident Energy (MeV)

71

MAT 5907

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

59-Pr-135



72

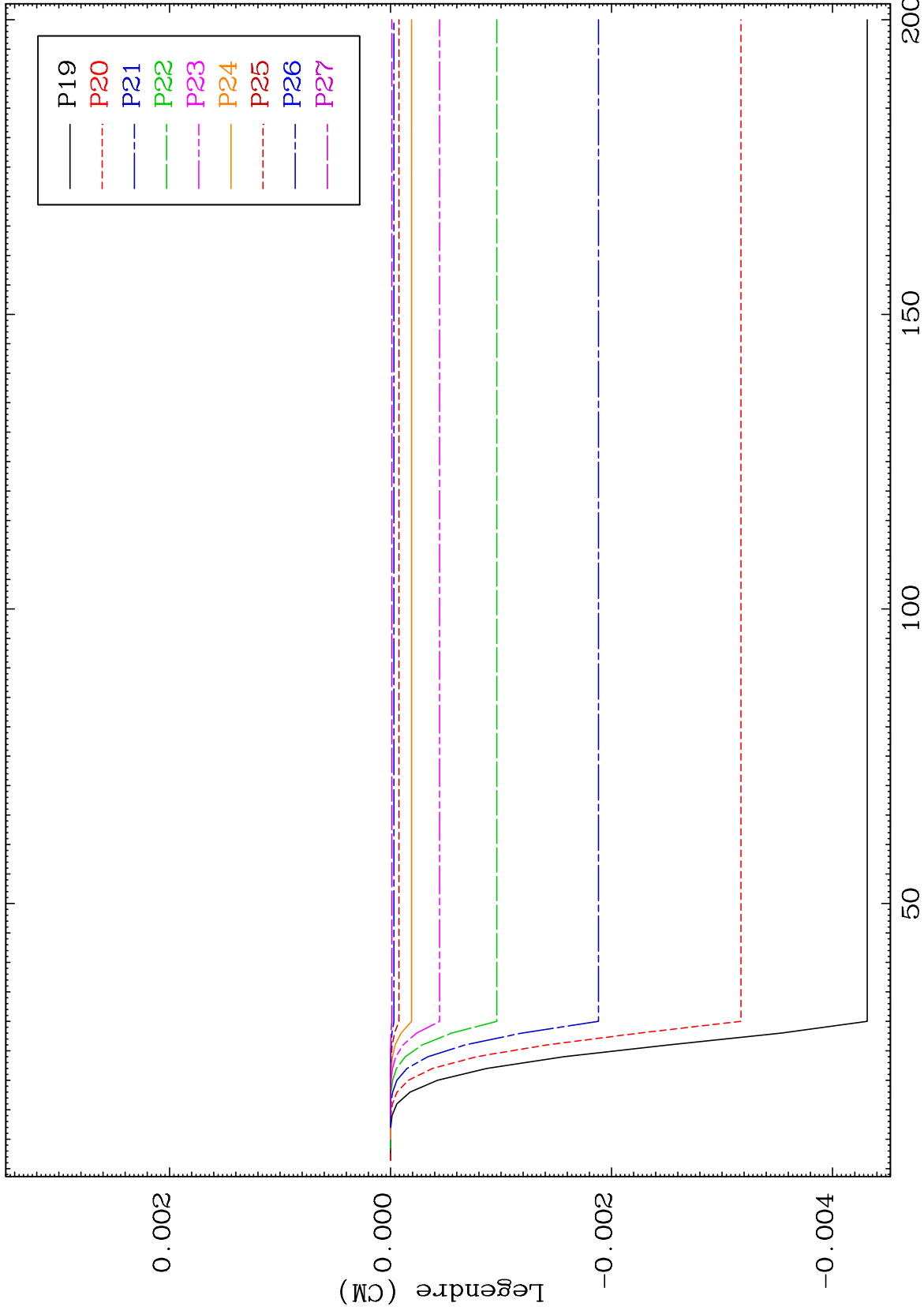
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

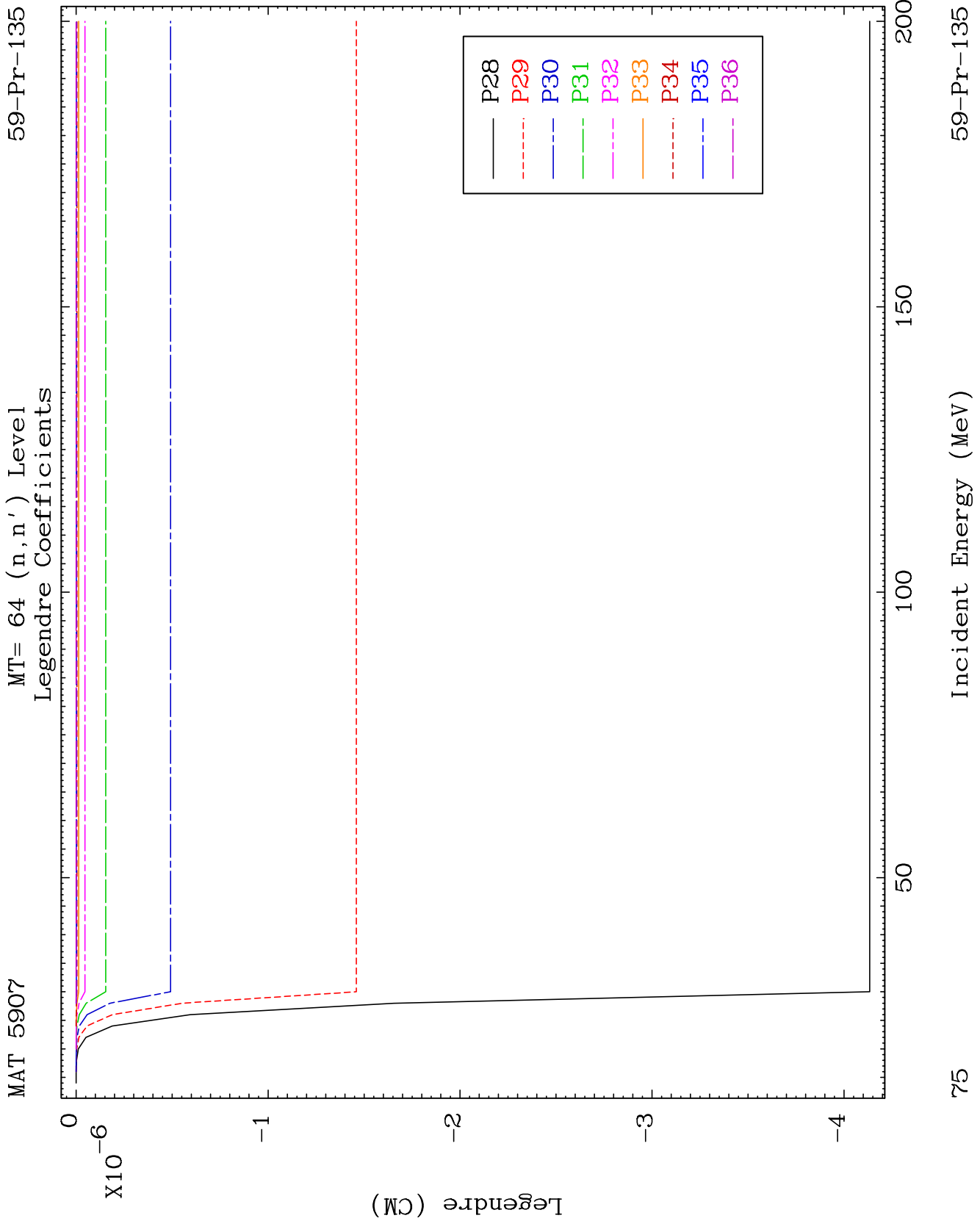
59-Pr-135



74

Incident Energy (MeV)

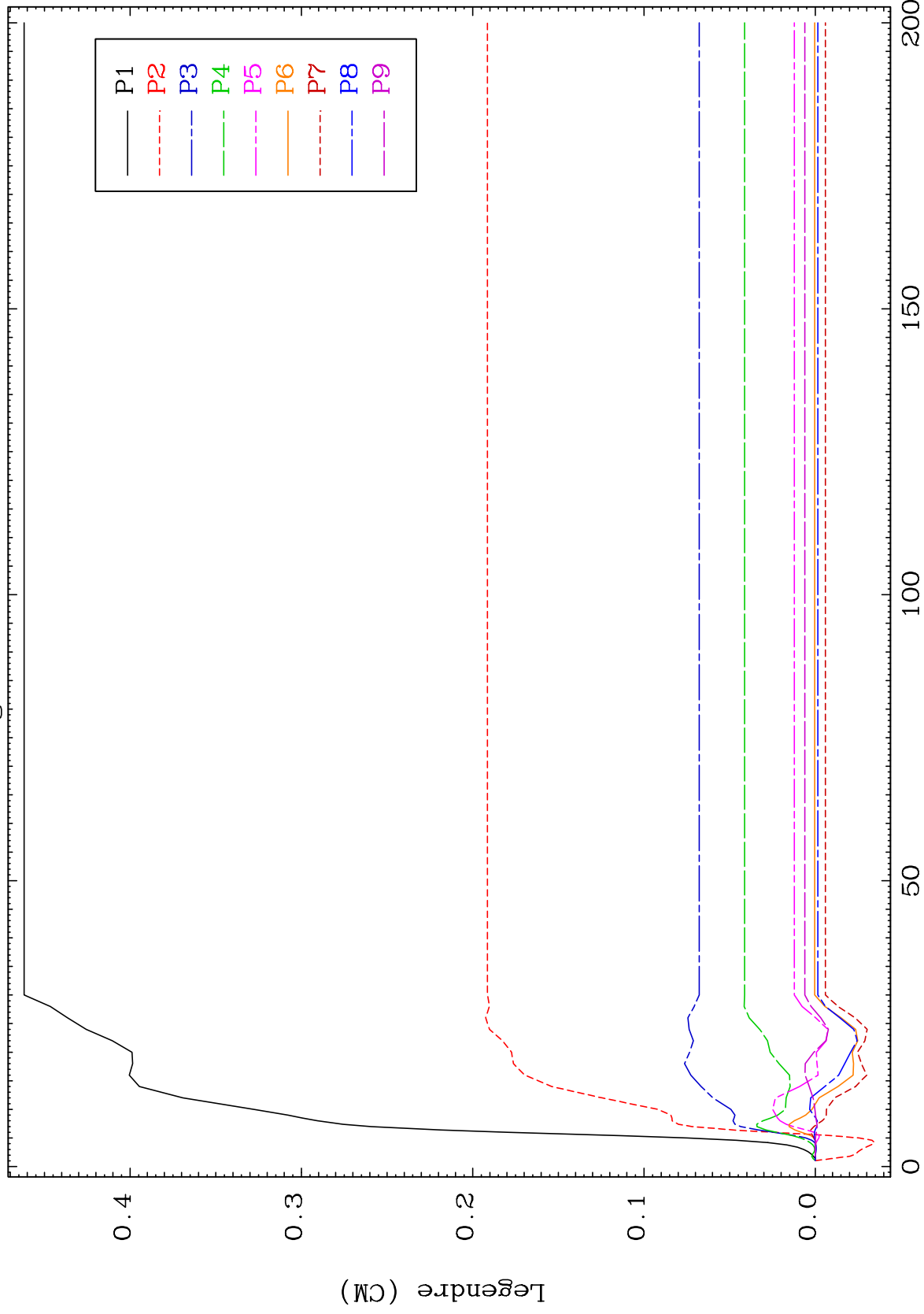
59-Pr-135



MAT 5907

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

59-Pr-135



76

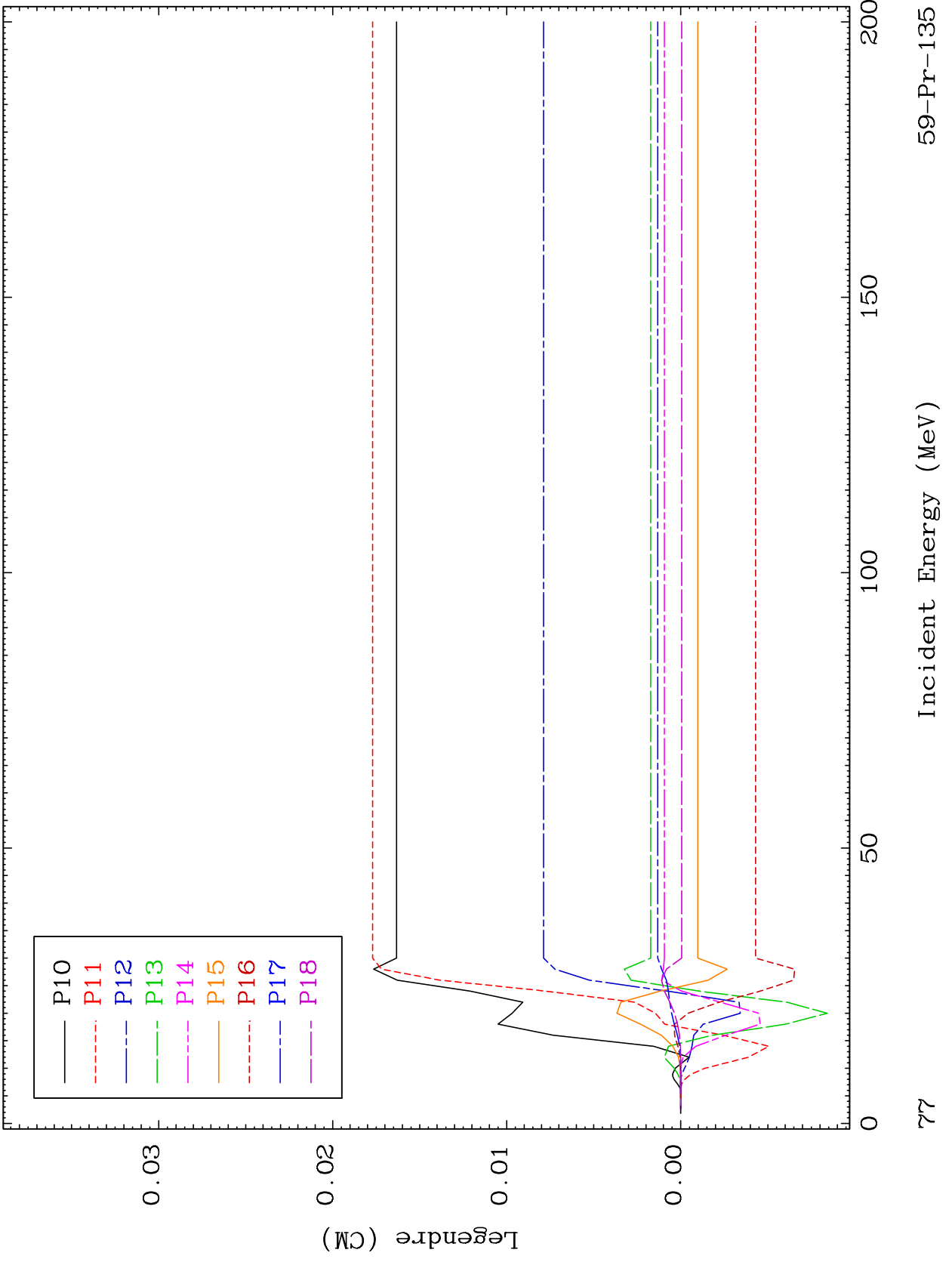
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



77

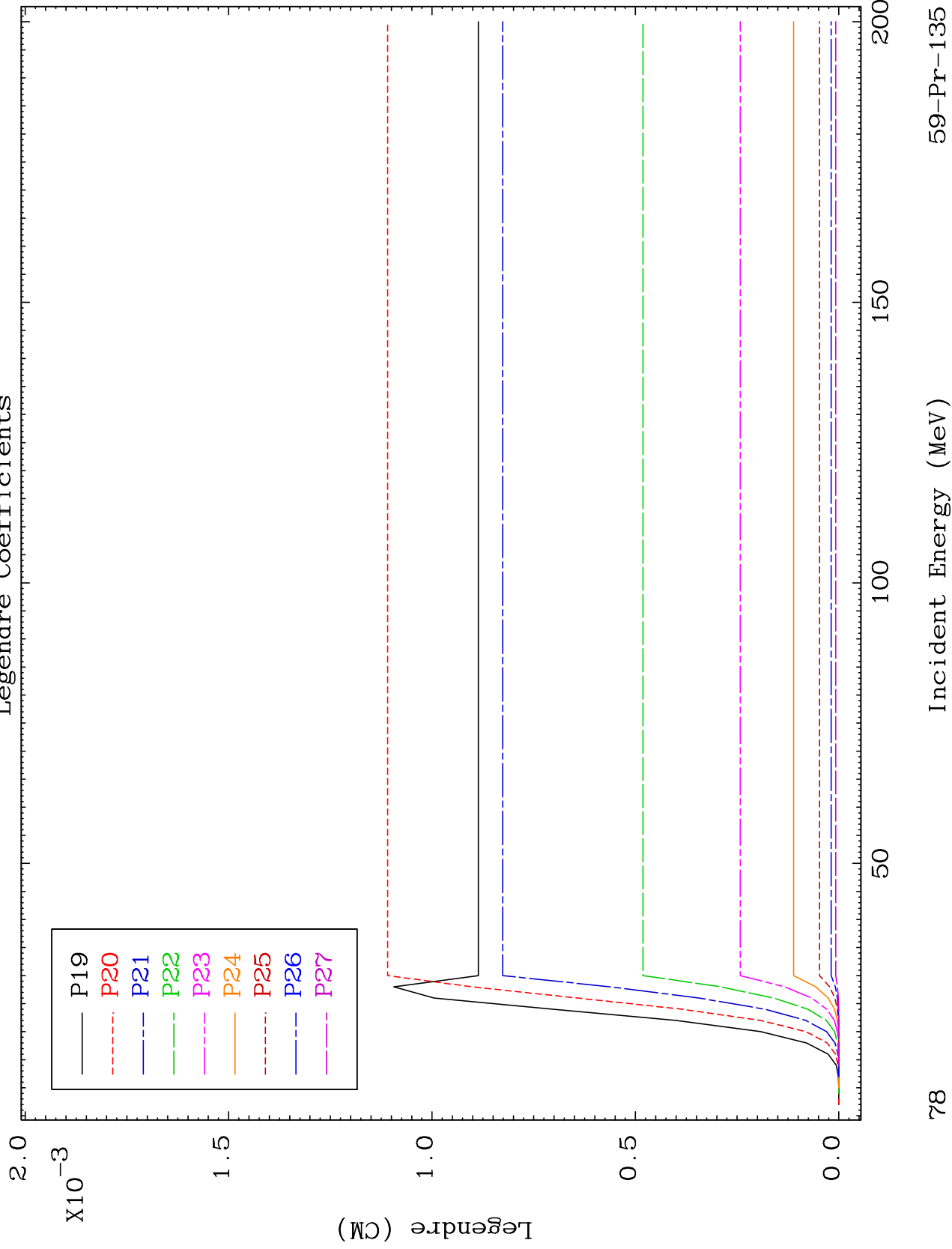
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



78

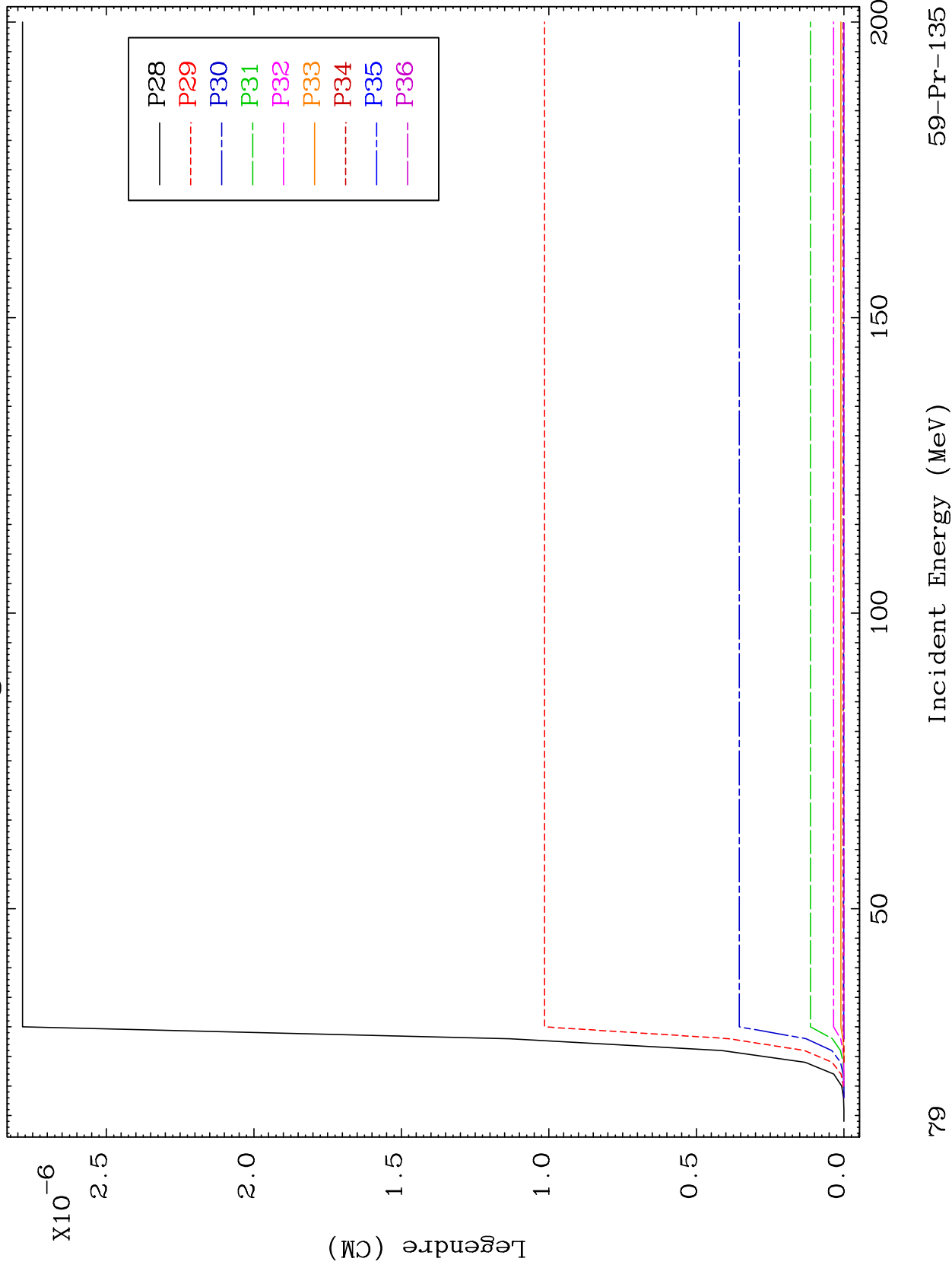
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

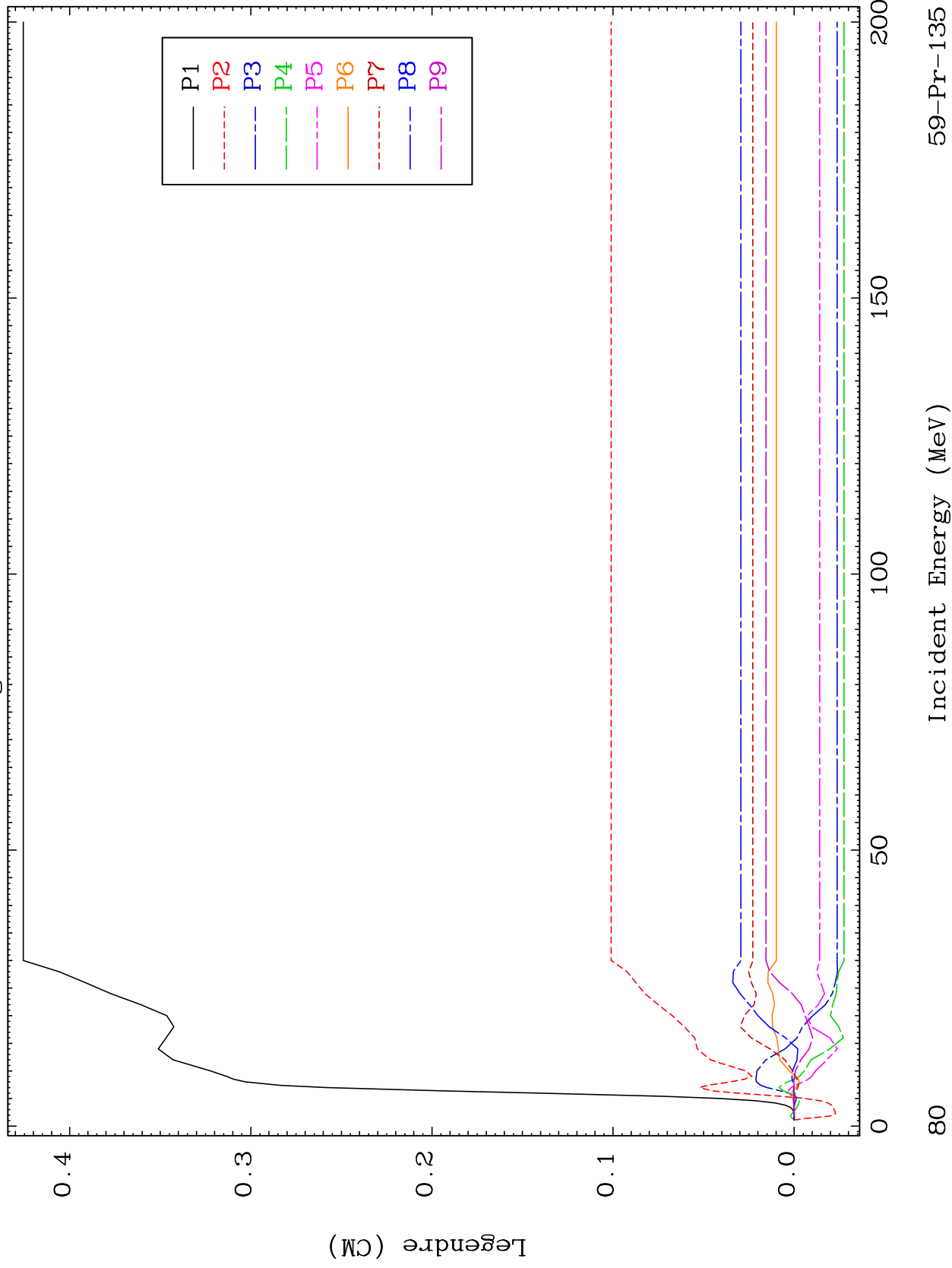
59-Pr-135



MAT 5907

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

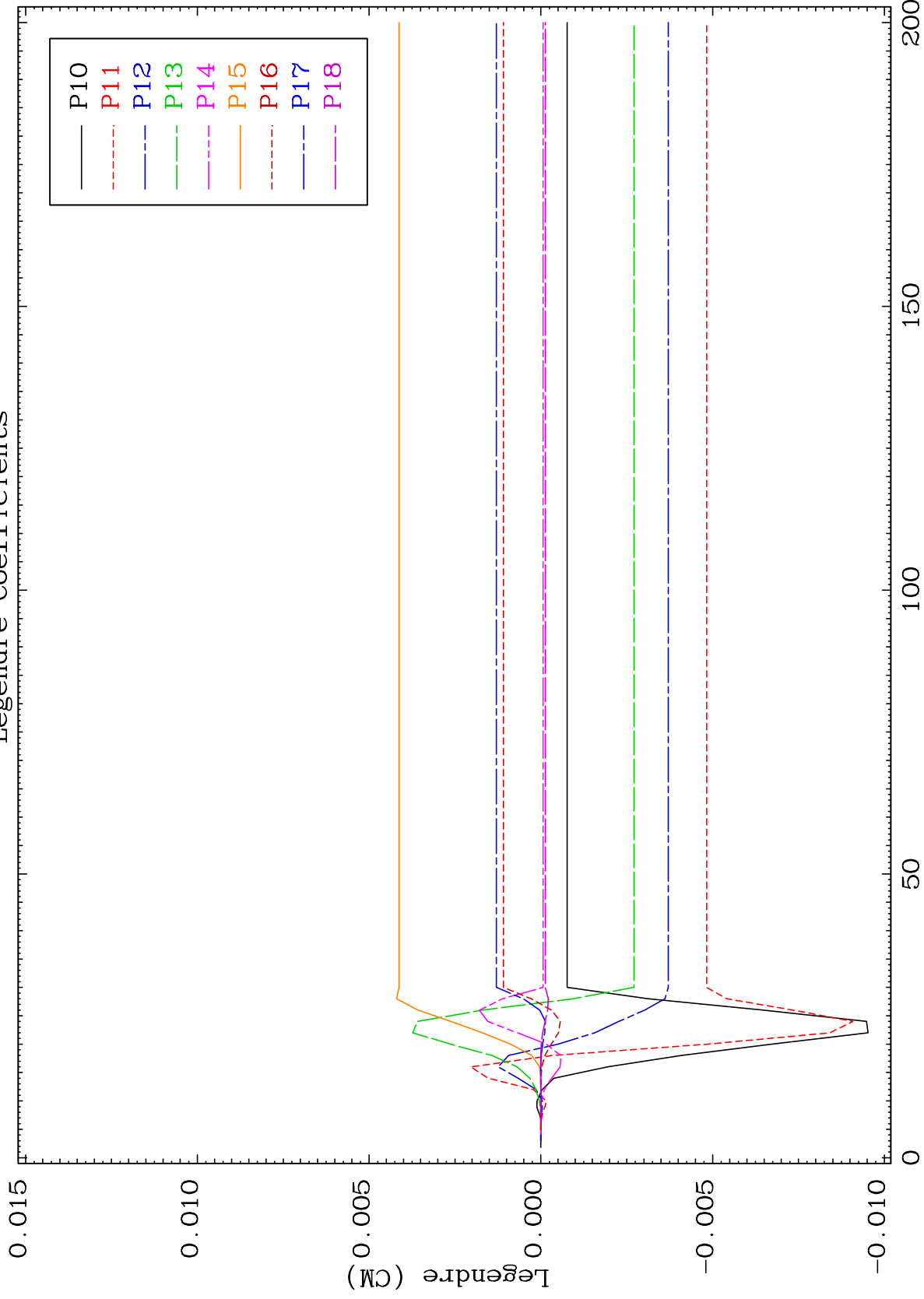
59-Pr-135



MAT 5907

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

59-Pr-135



81

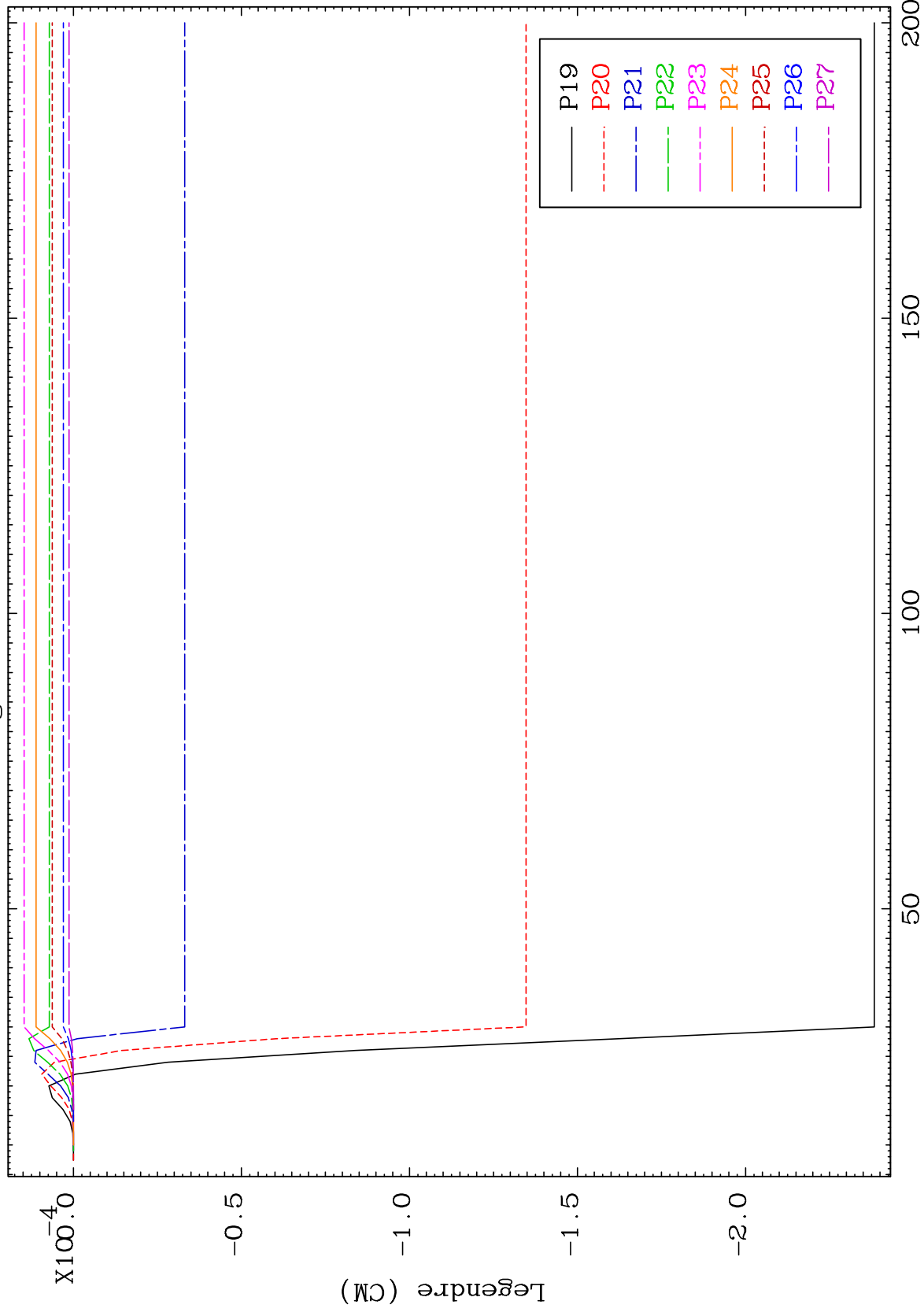
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

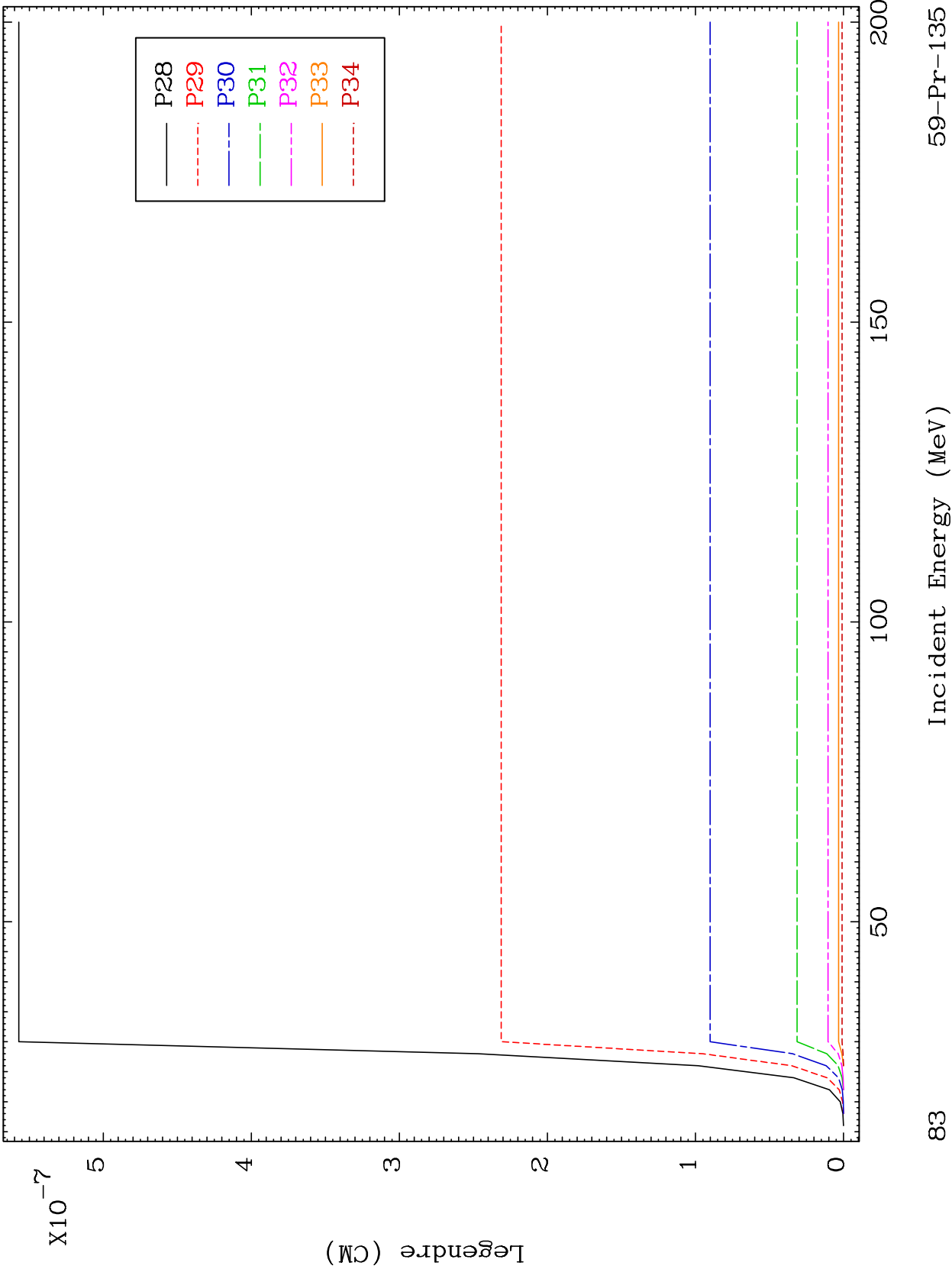
59-Pr-135



MAT 5907

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

59-Pr-135



83

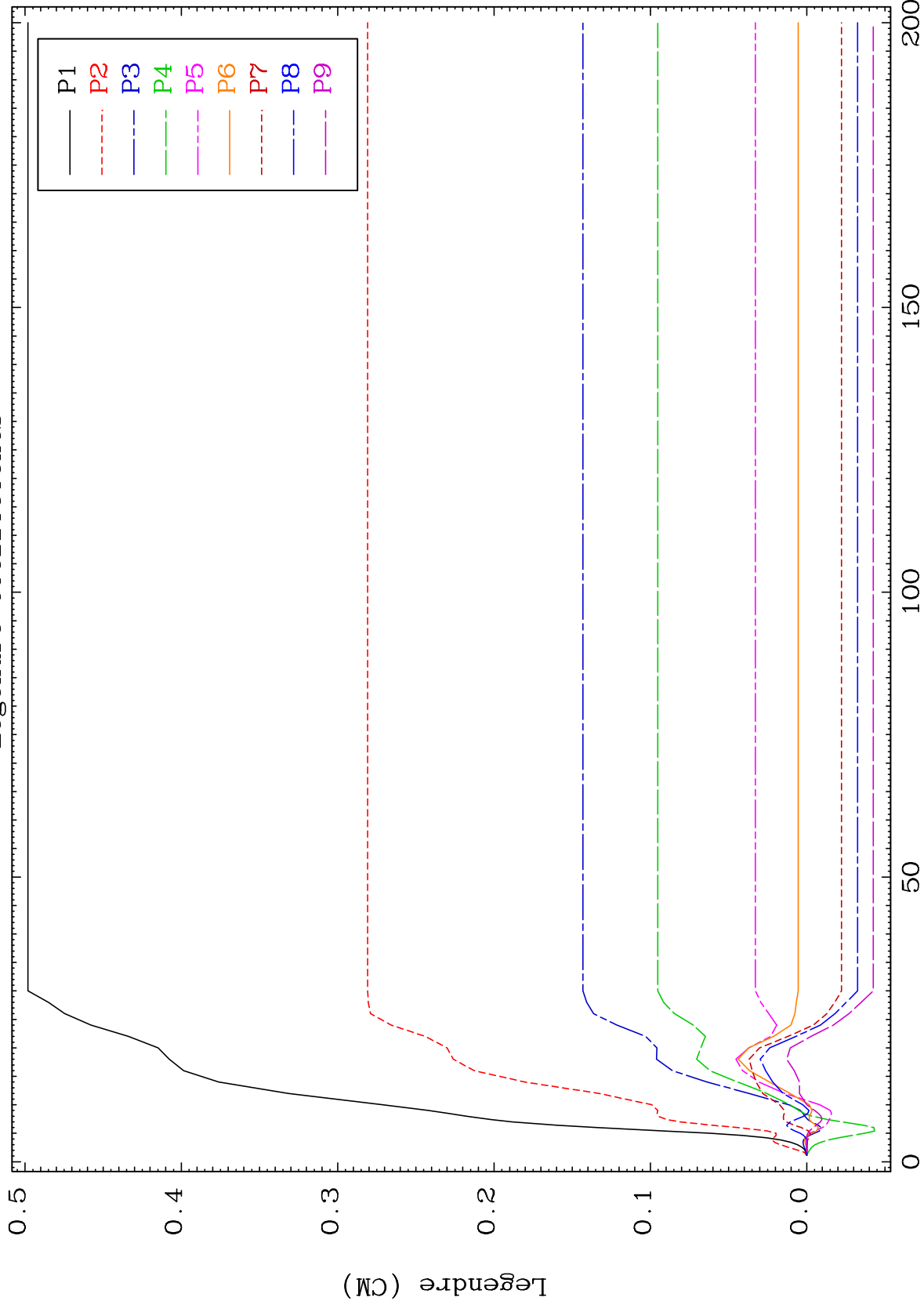
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



84

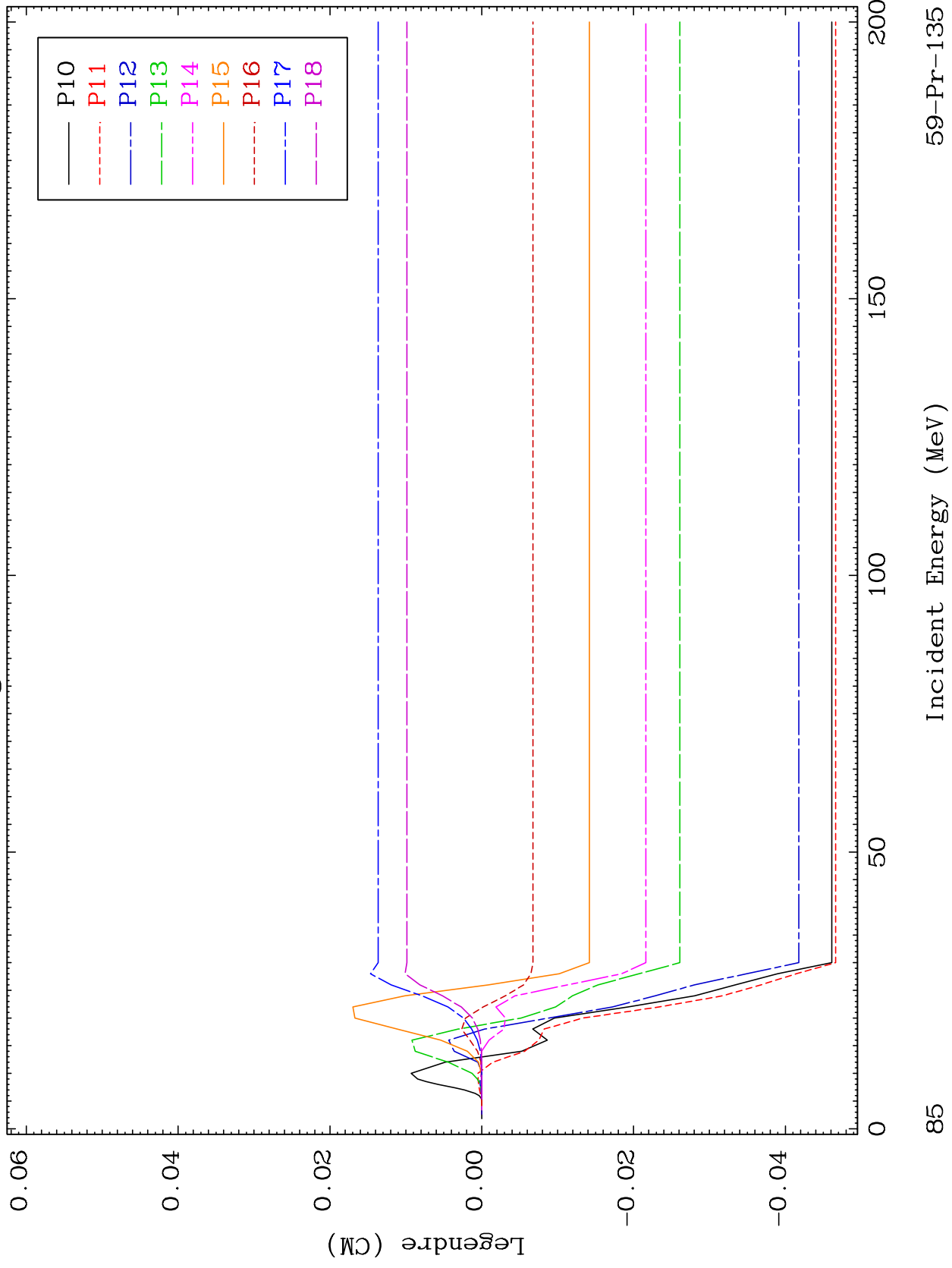
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

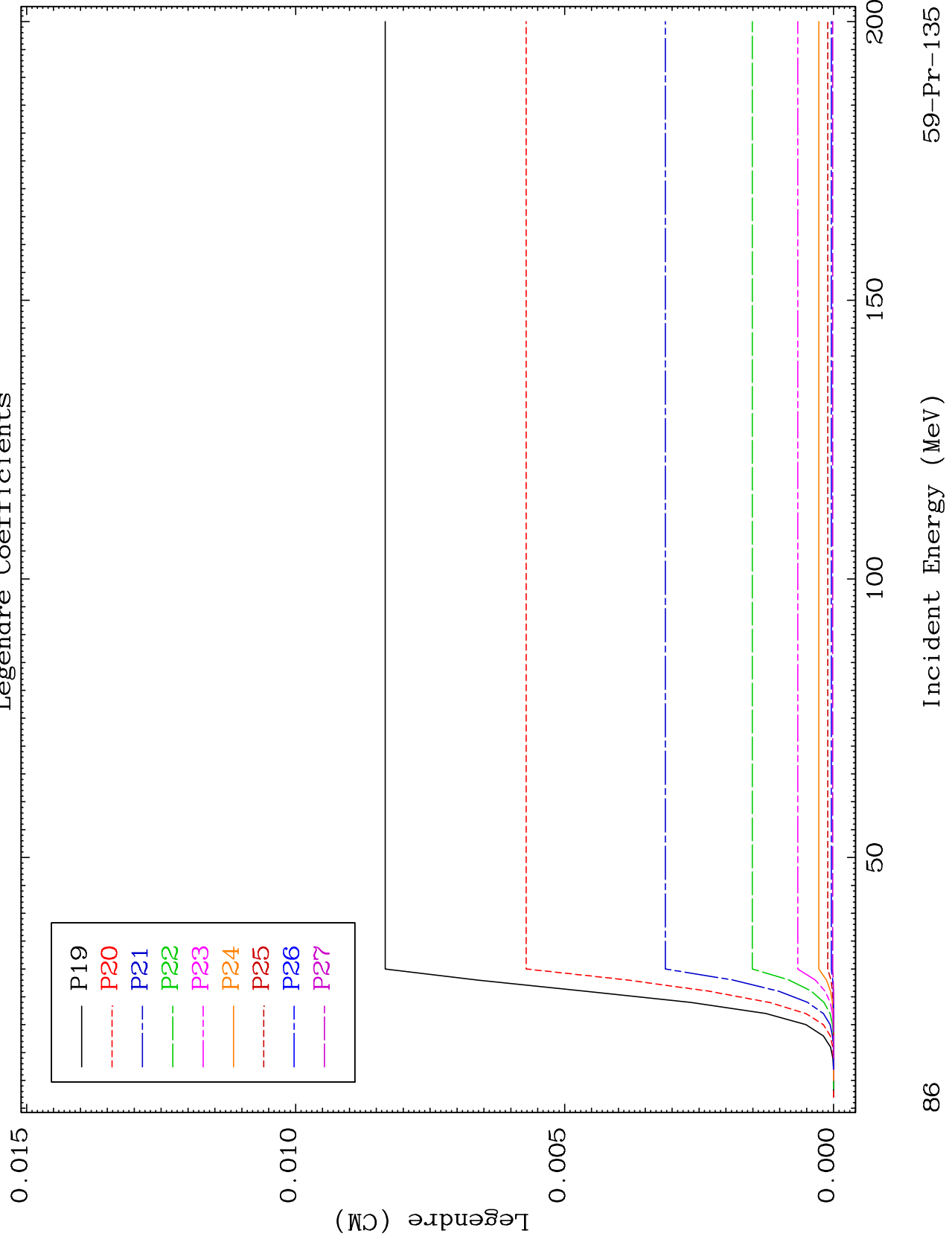
59-Pr-135



59-Pr-135

Incident Energy (MeV)

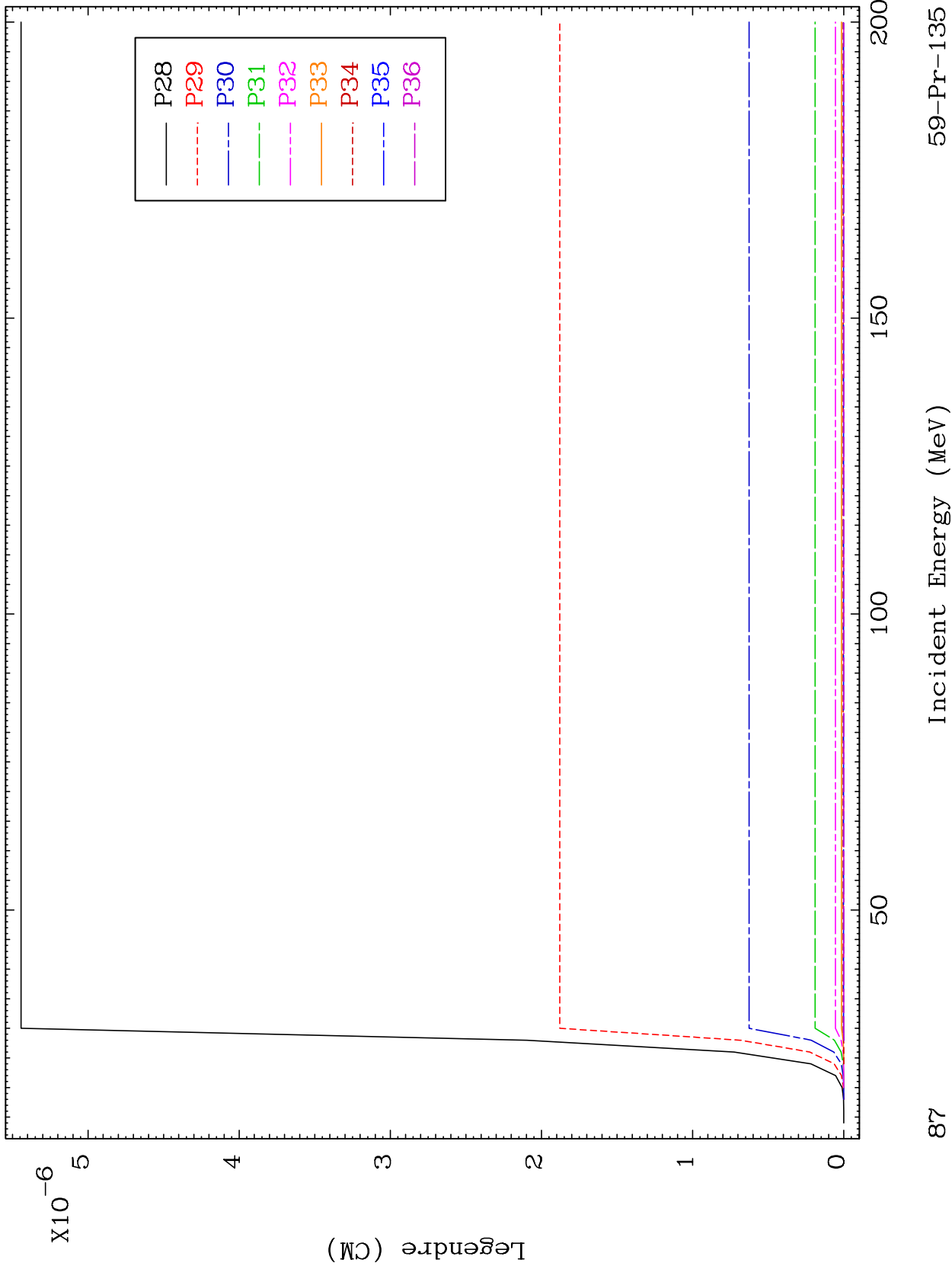
85



MAT 5907

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

59-Pr-135



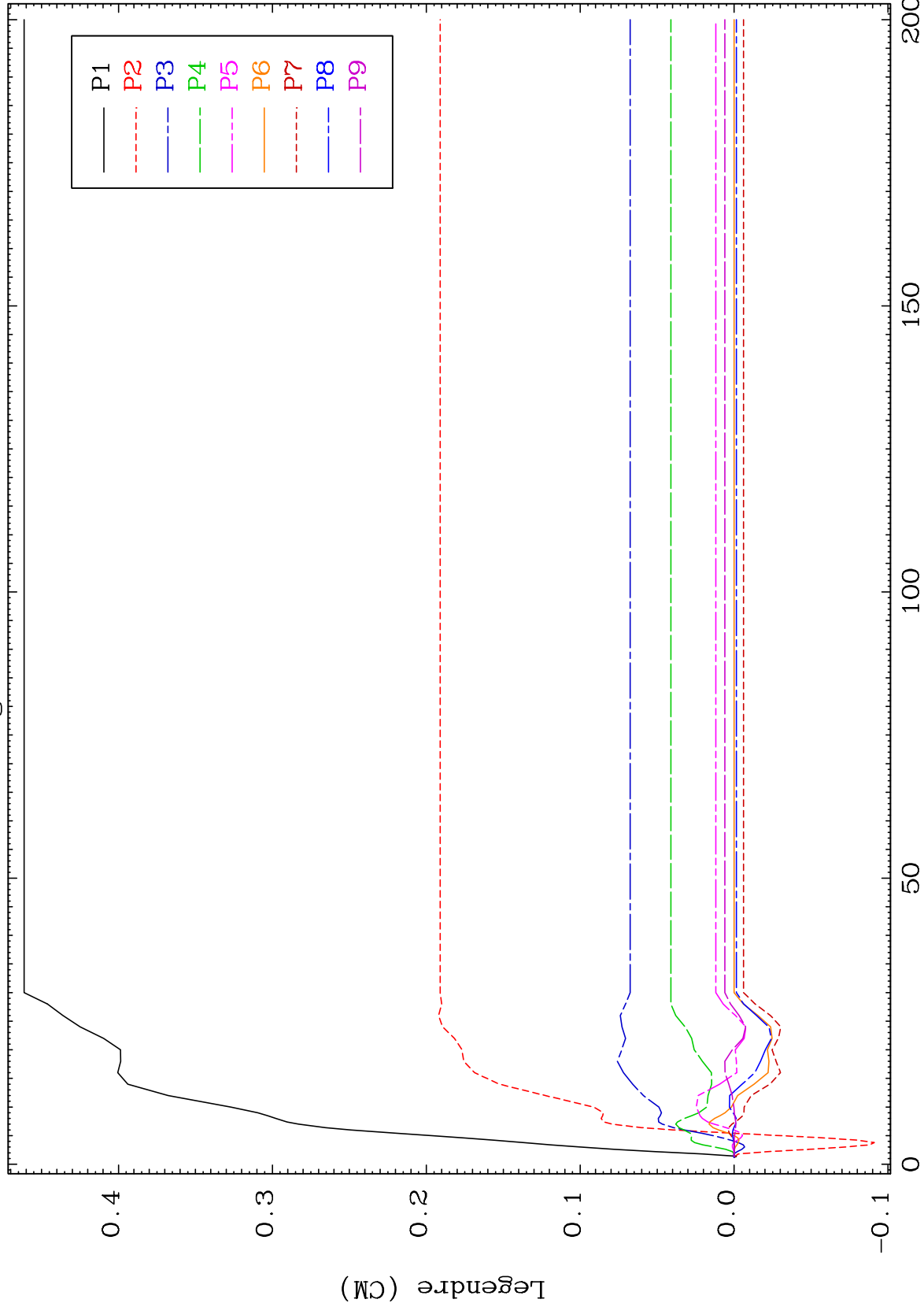
87

59-Pr-135

MAT 5907

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

59-Pr-135



88

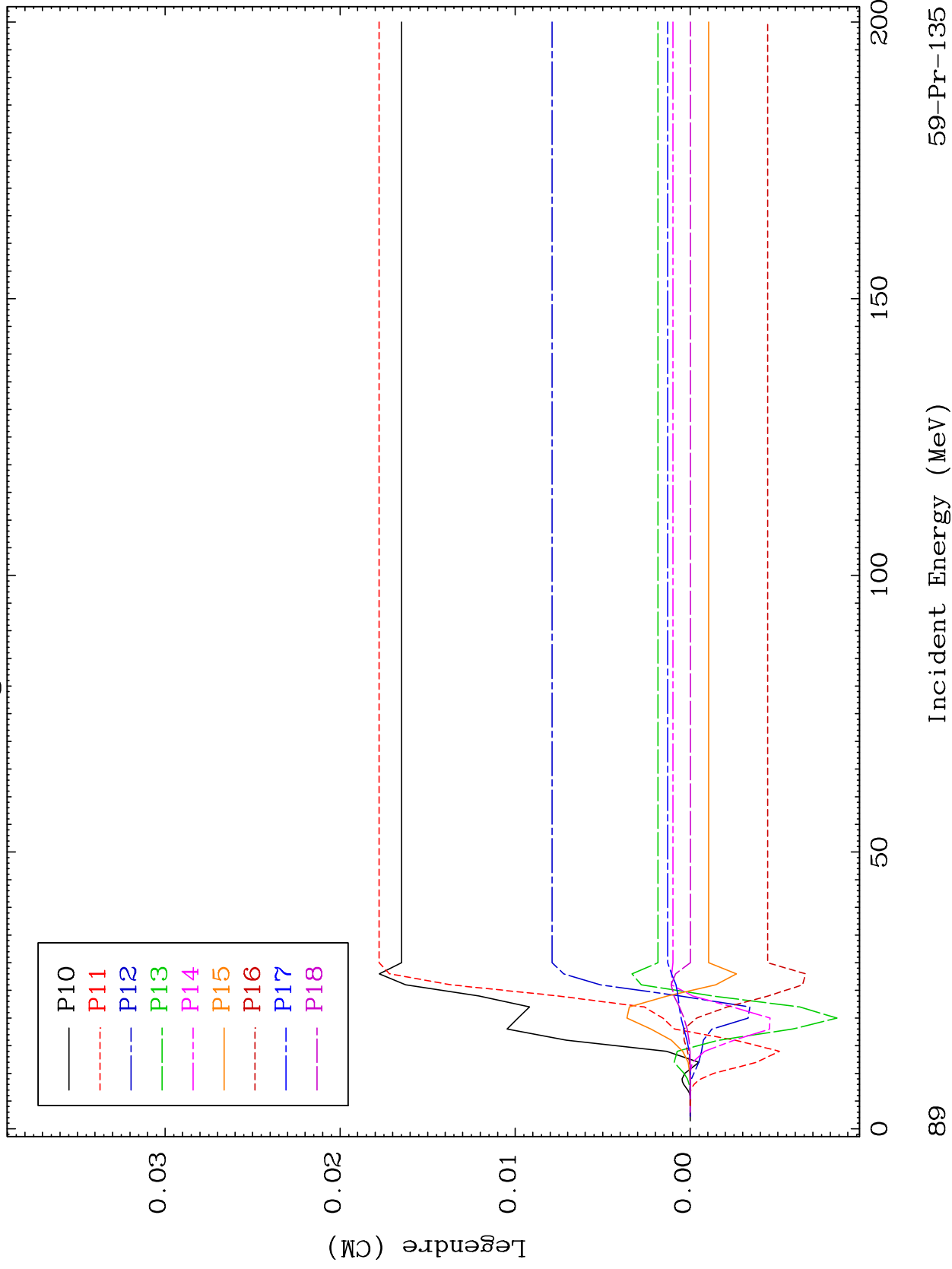
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



89

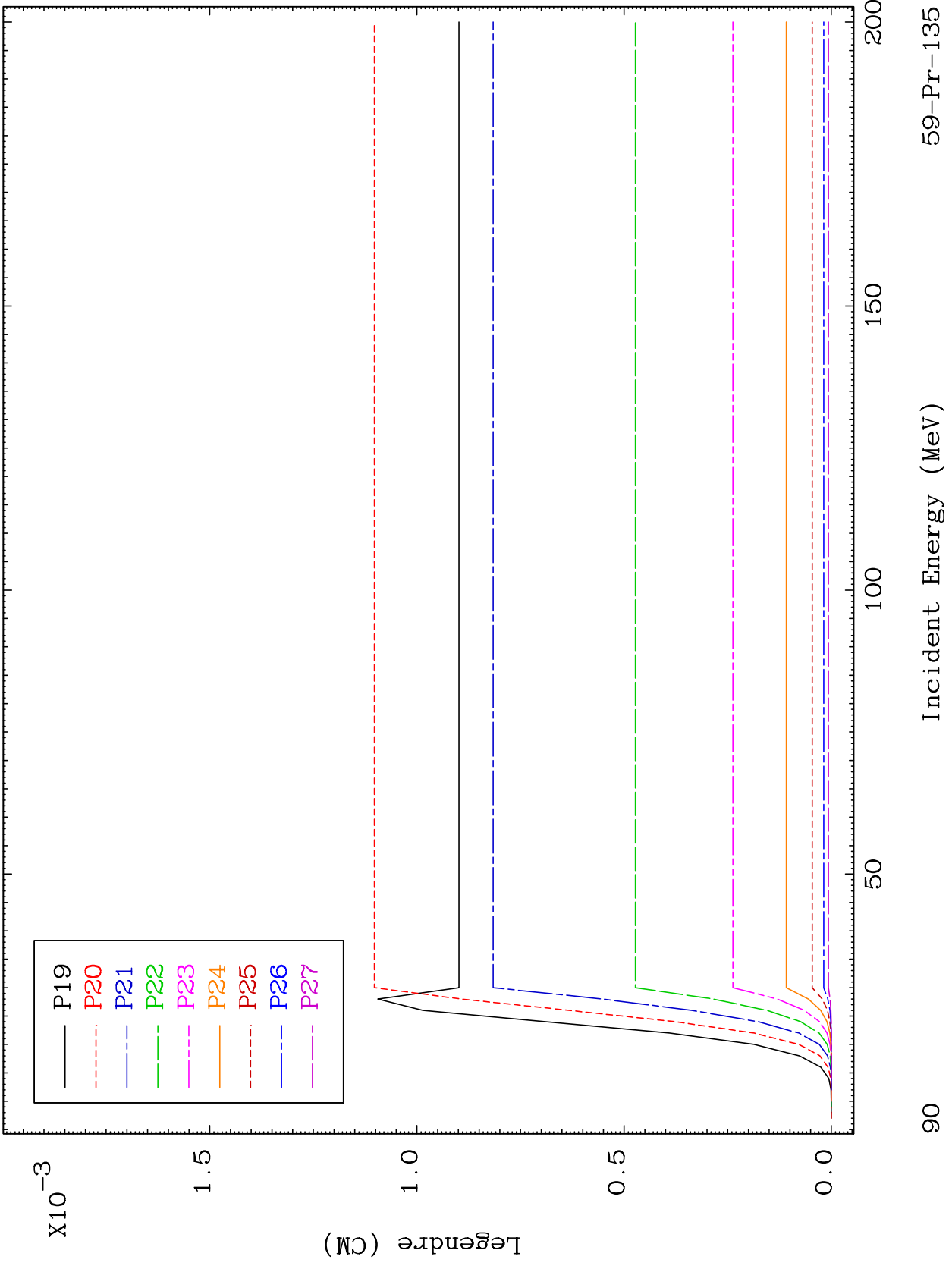
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



90

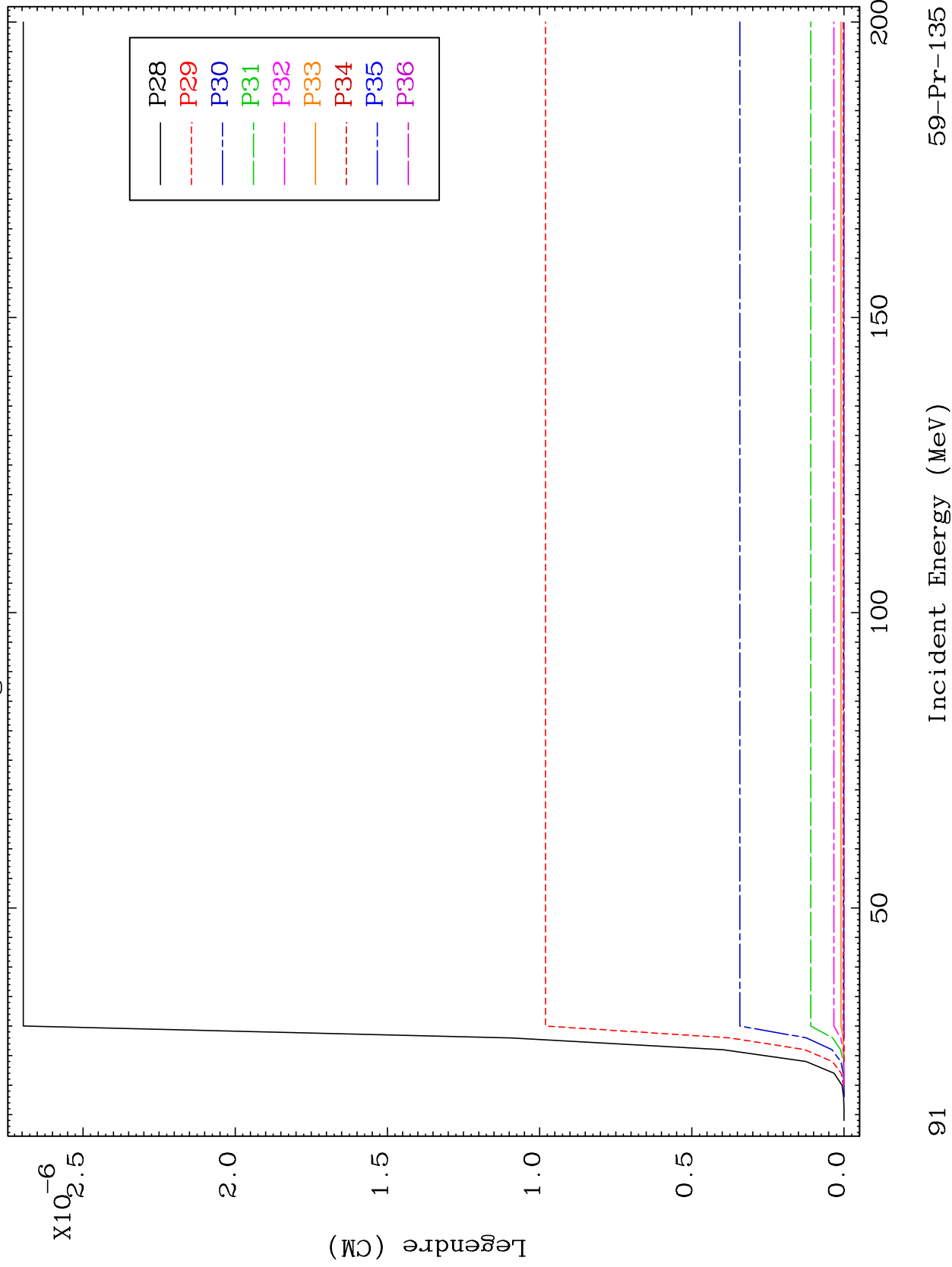
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

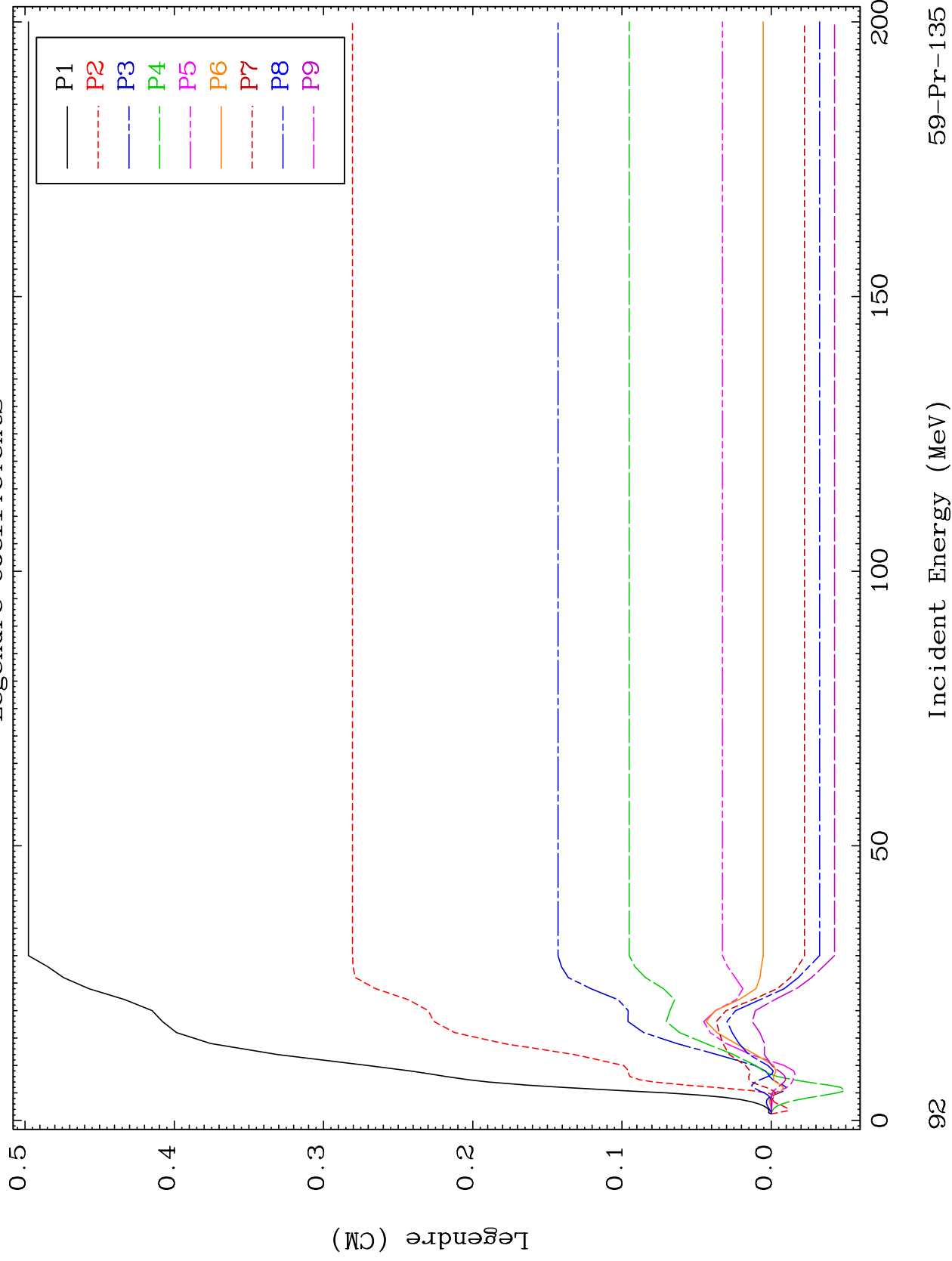
59-Pr-135



MAT 5907

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

59-Pr-135



92

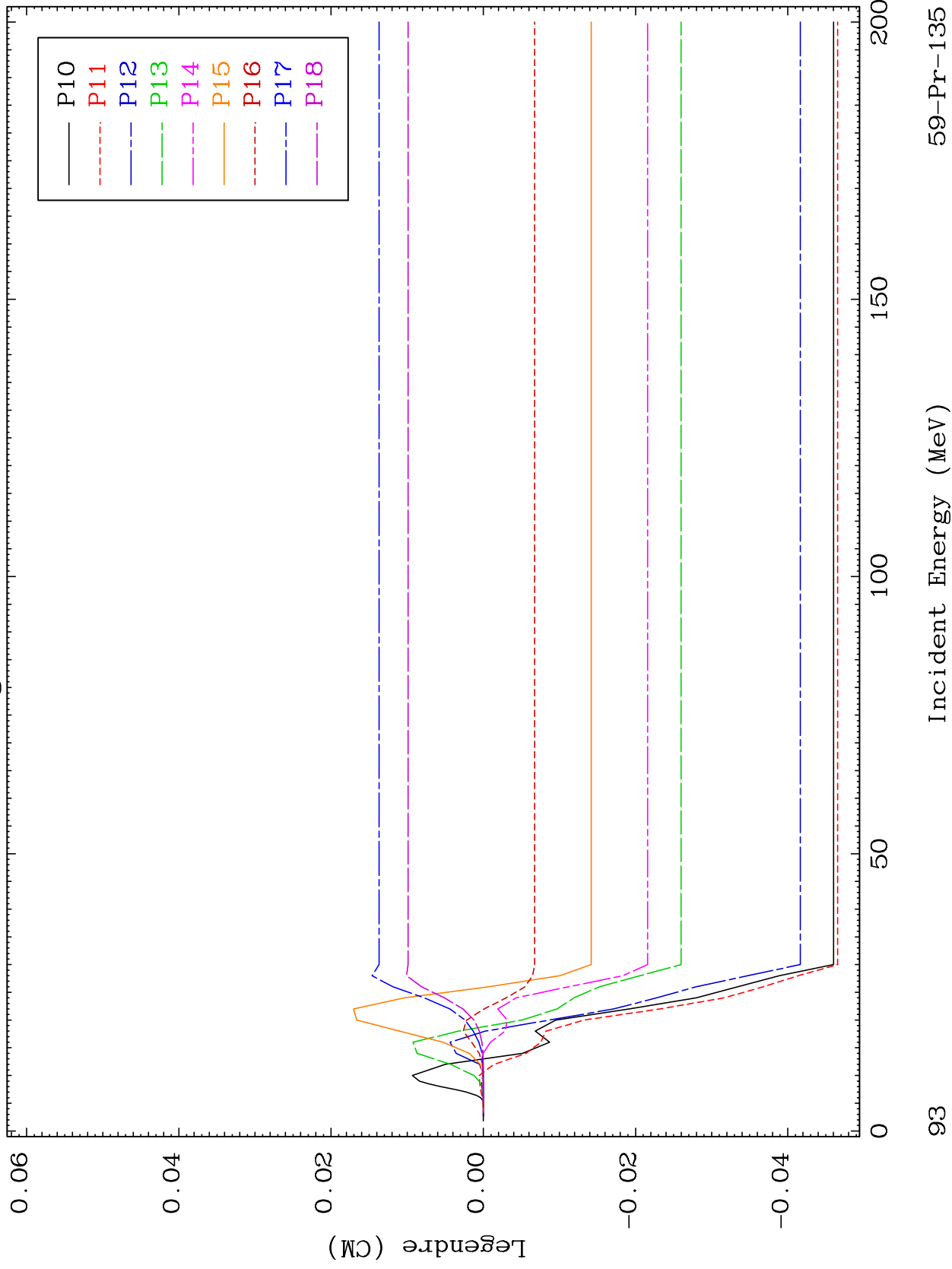
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



93

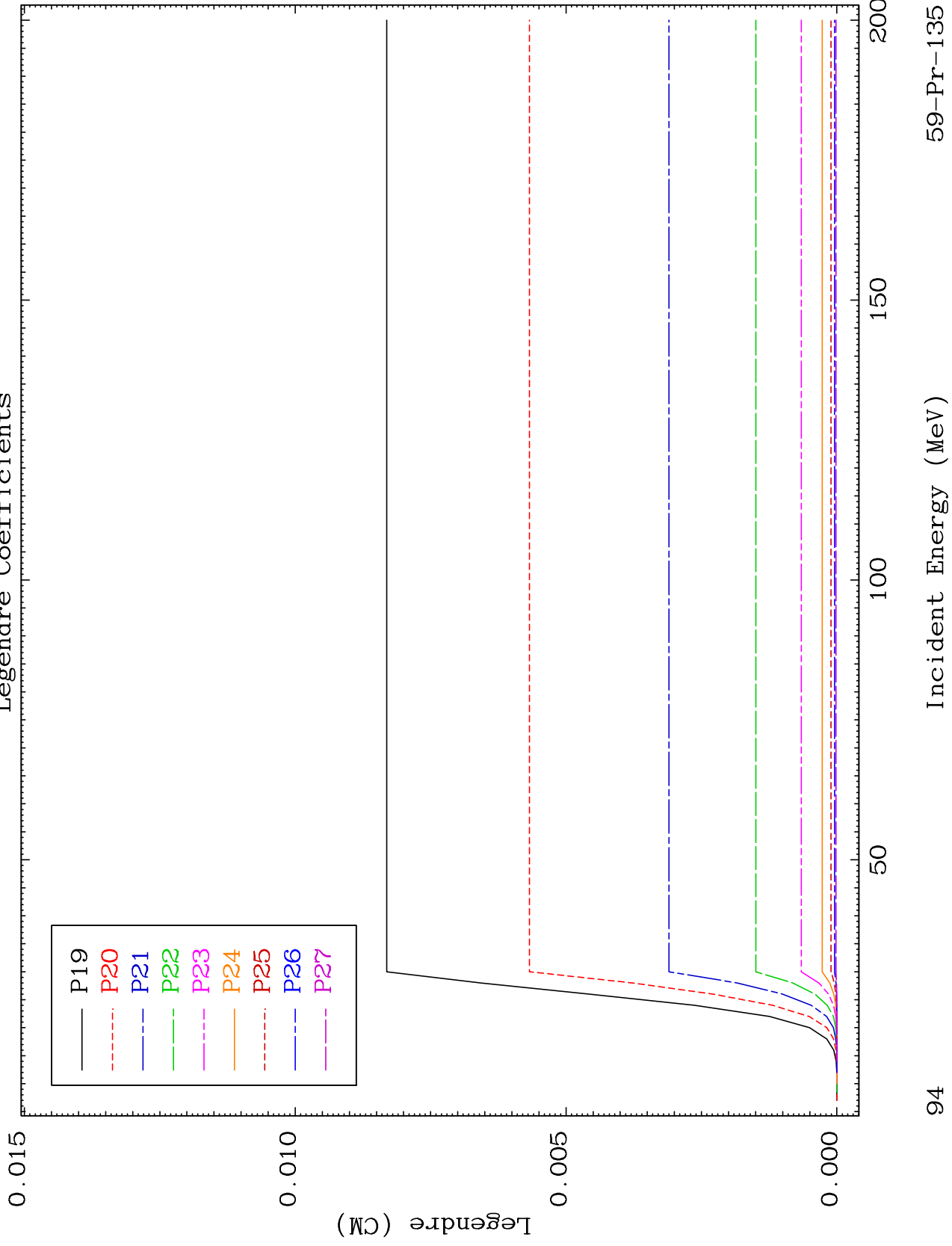
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



94

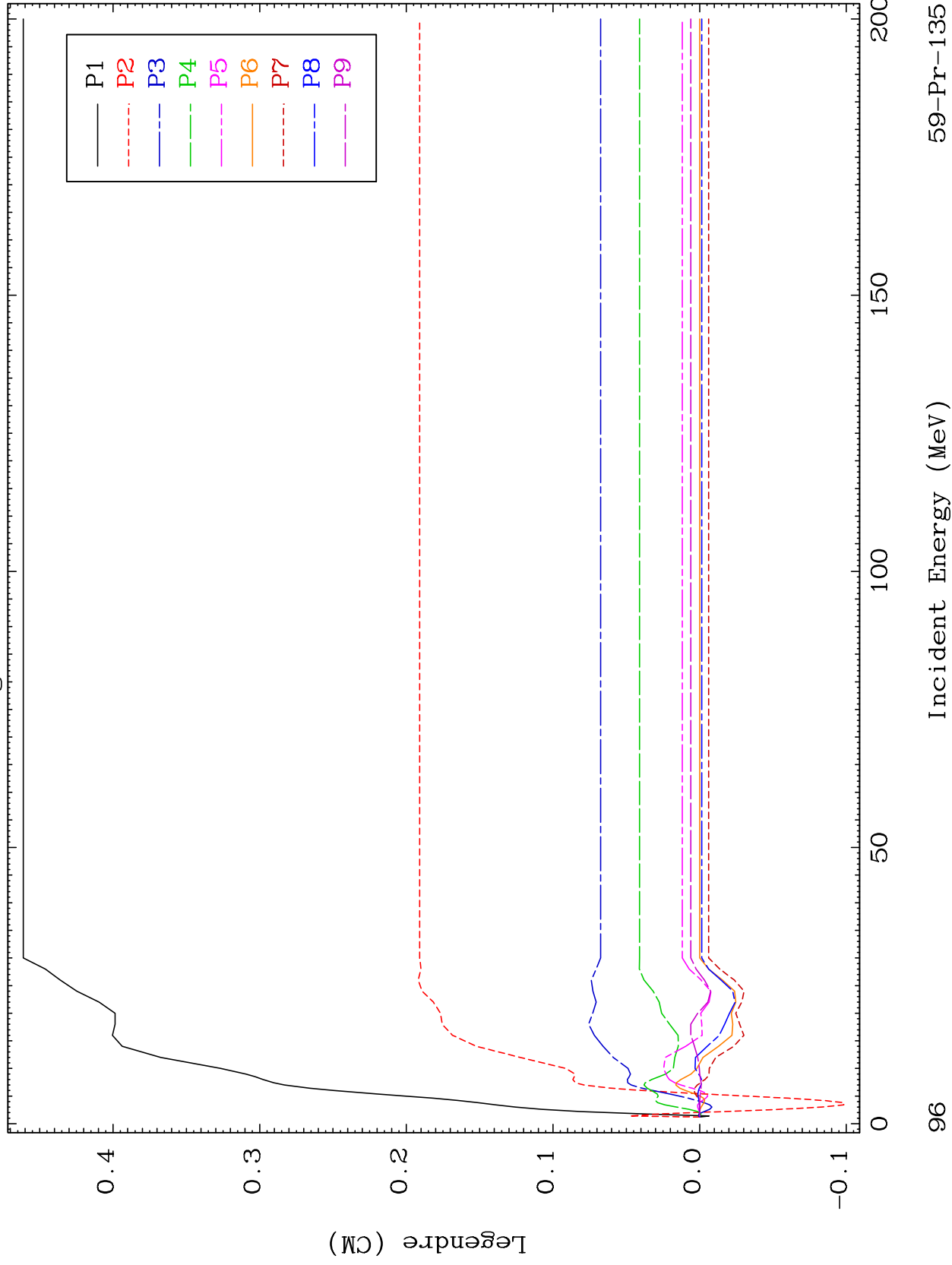
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



59-Pr-135

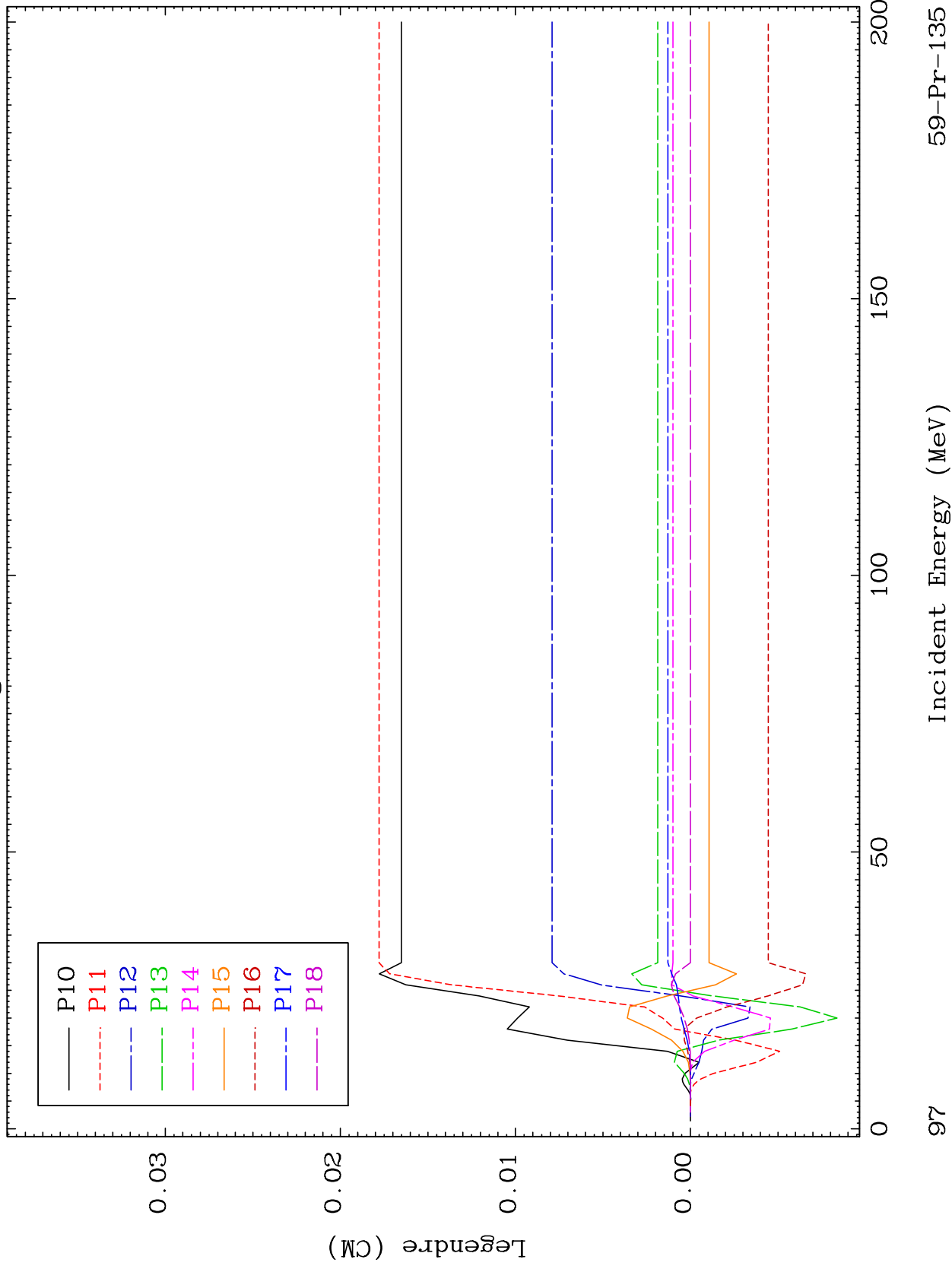
Incident Energy (MeV)

96

MAT 5907

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

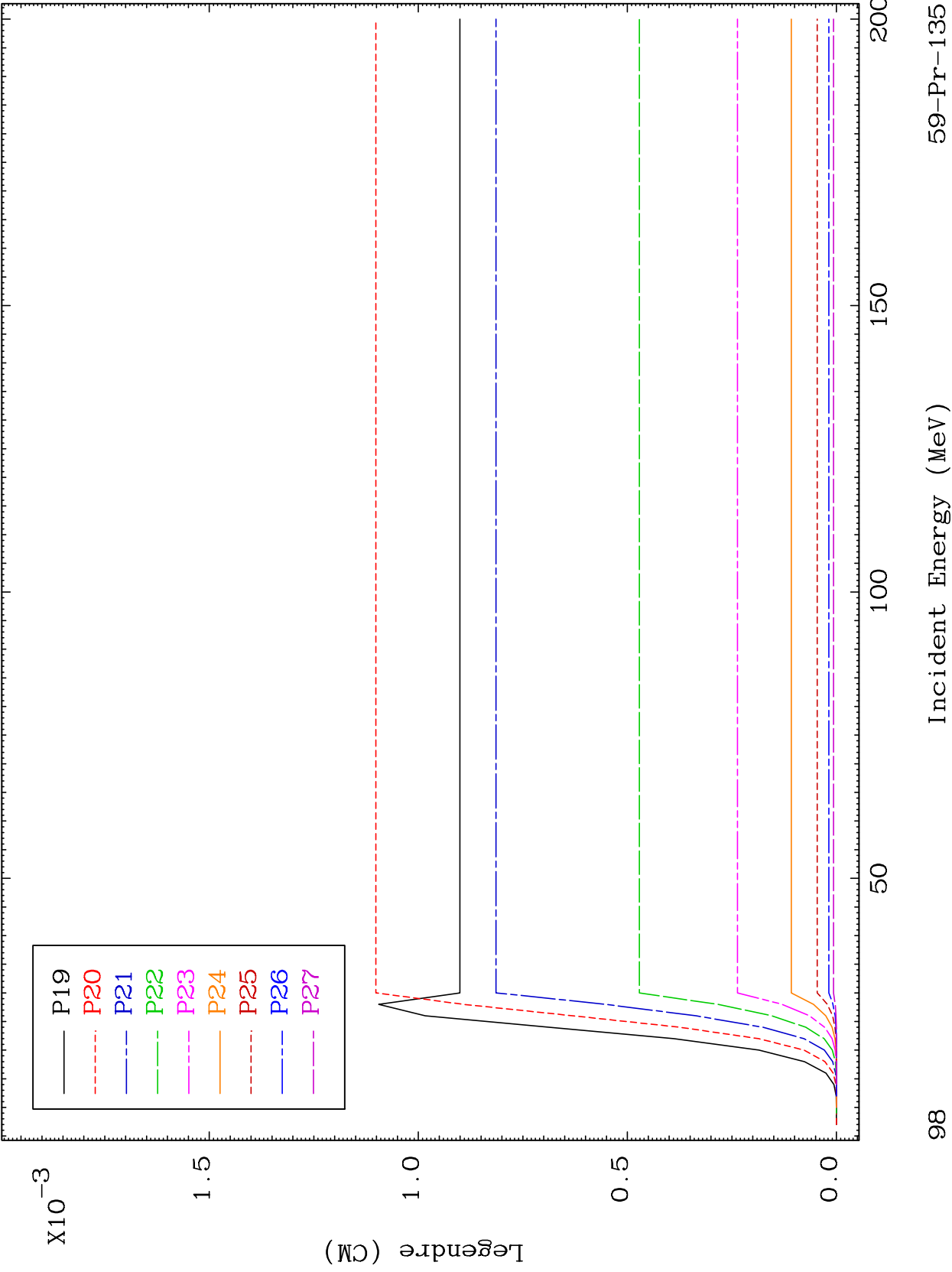
59-Pr-135



97

Incident Energy (MeV)

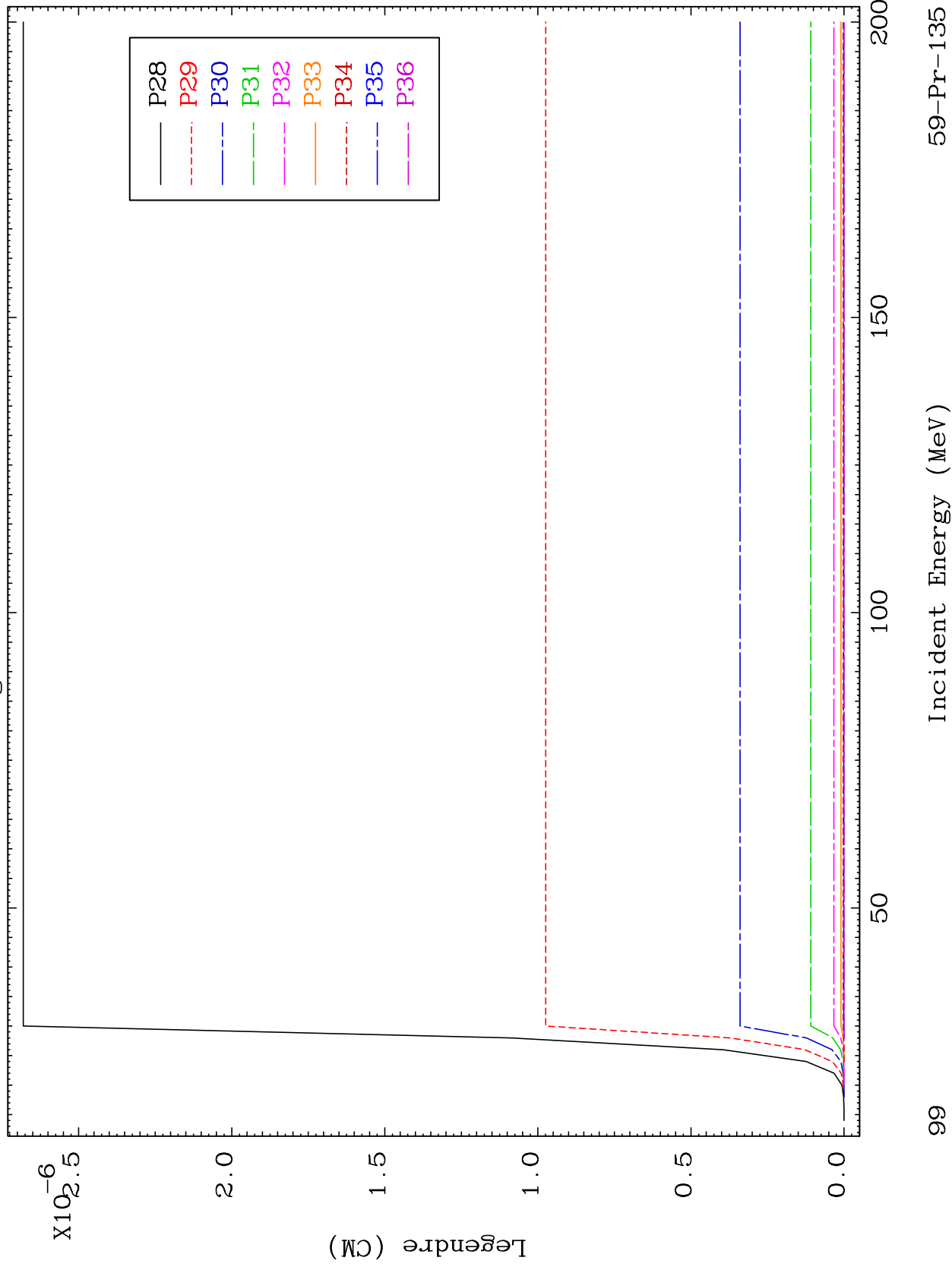
59-Pr-135



MAT 5907

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

59-Pr-135



99

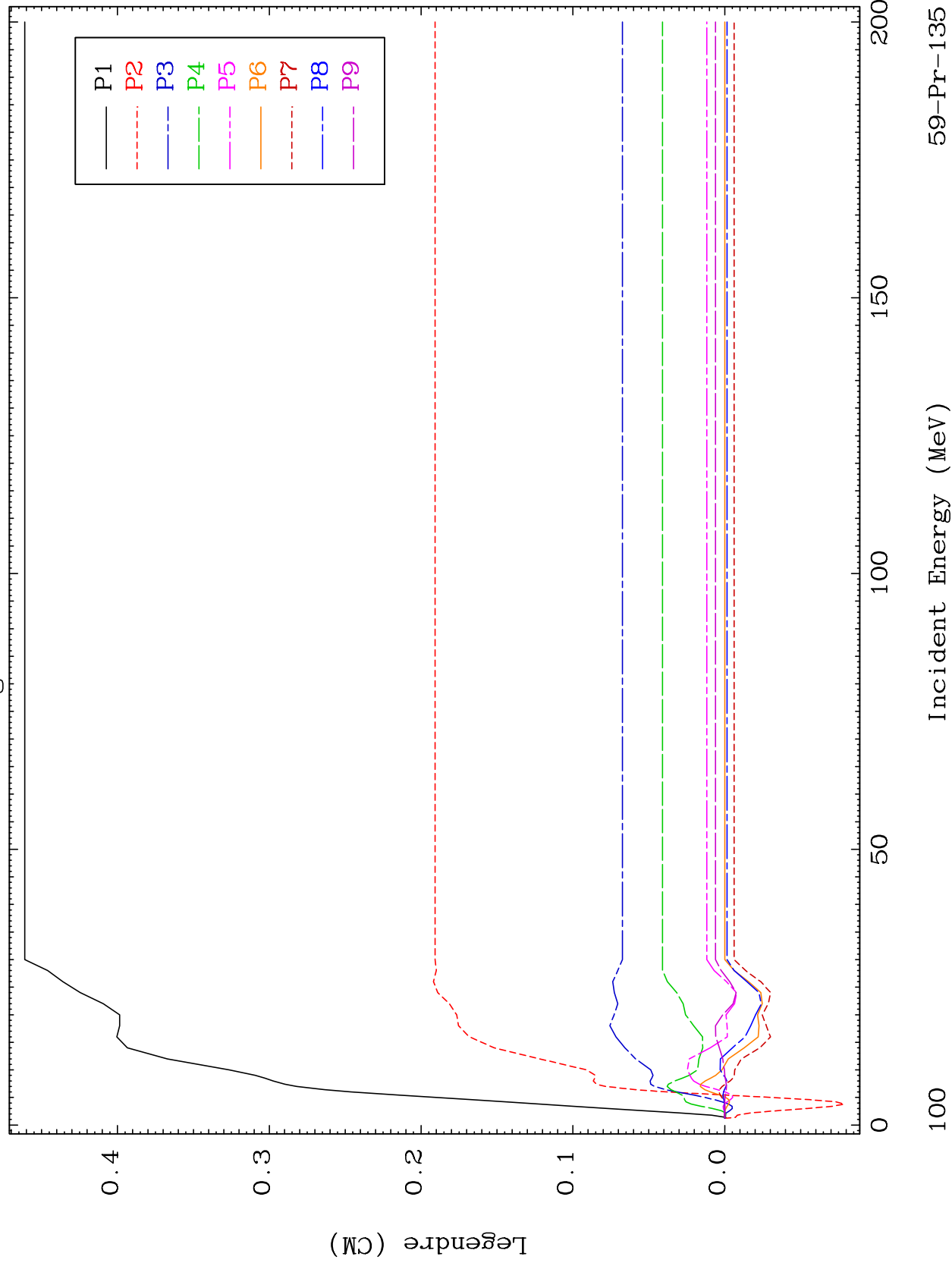
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135

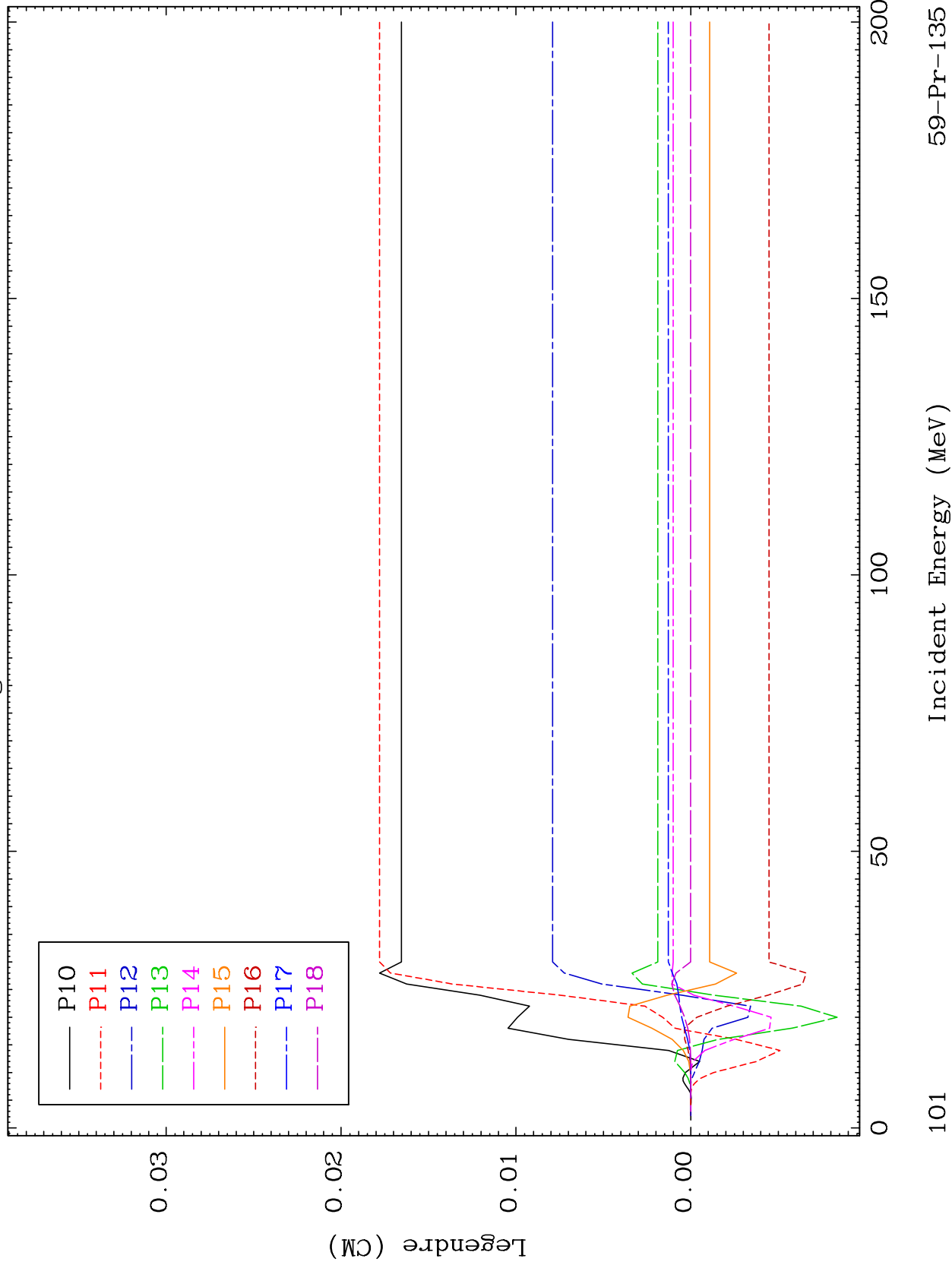


59-Pr-135

MAT 5907

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

59-Pr-135



101

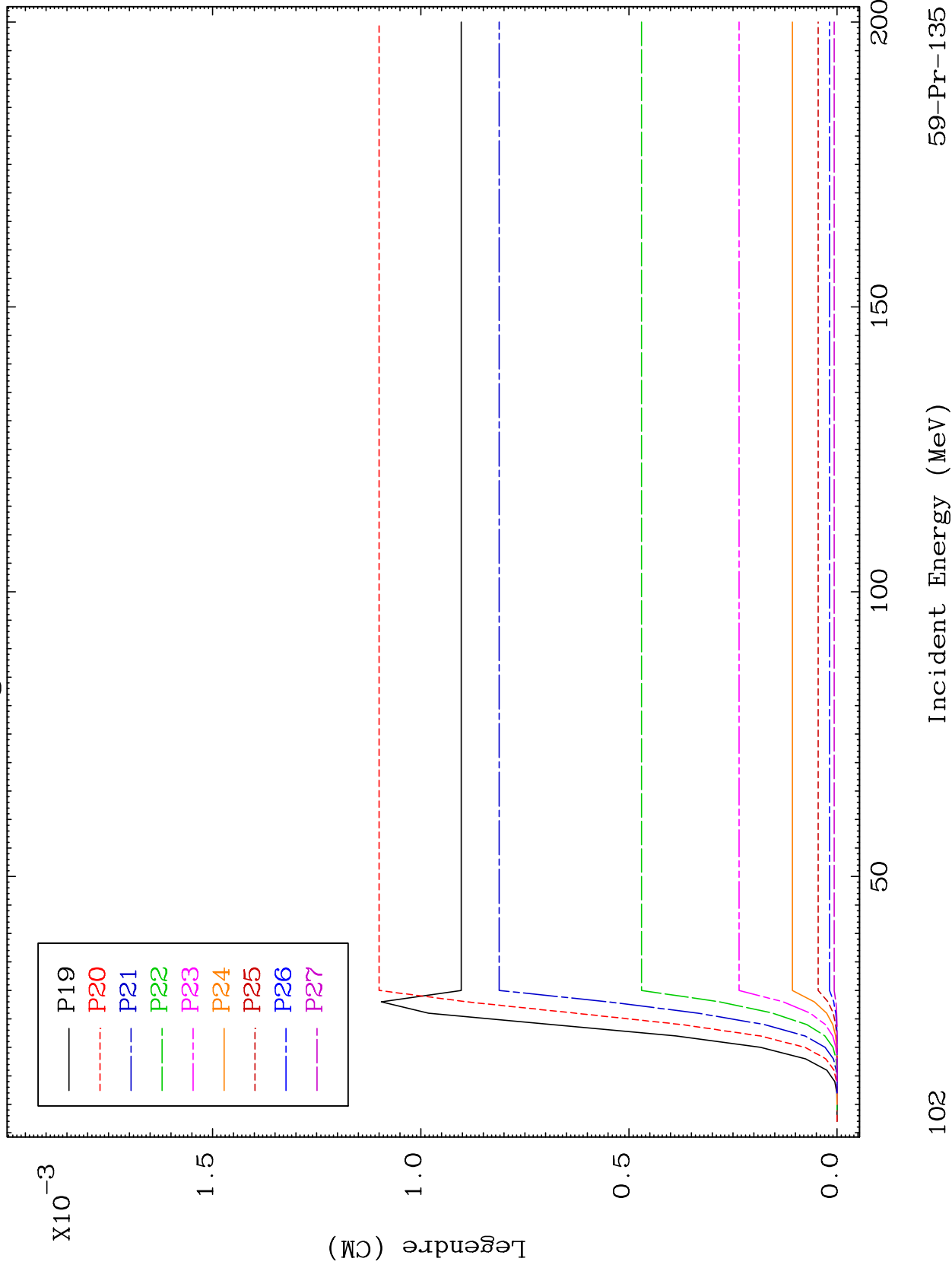
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



102

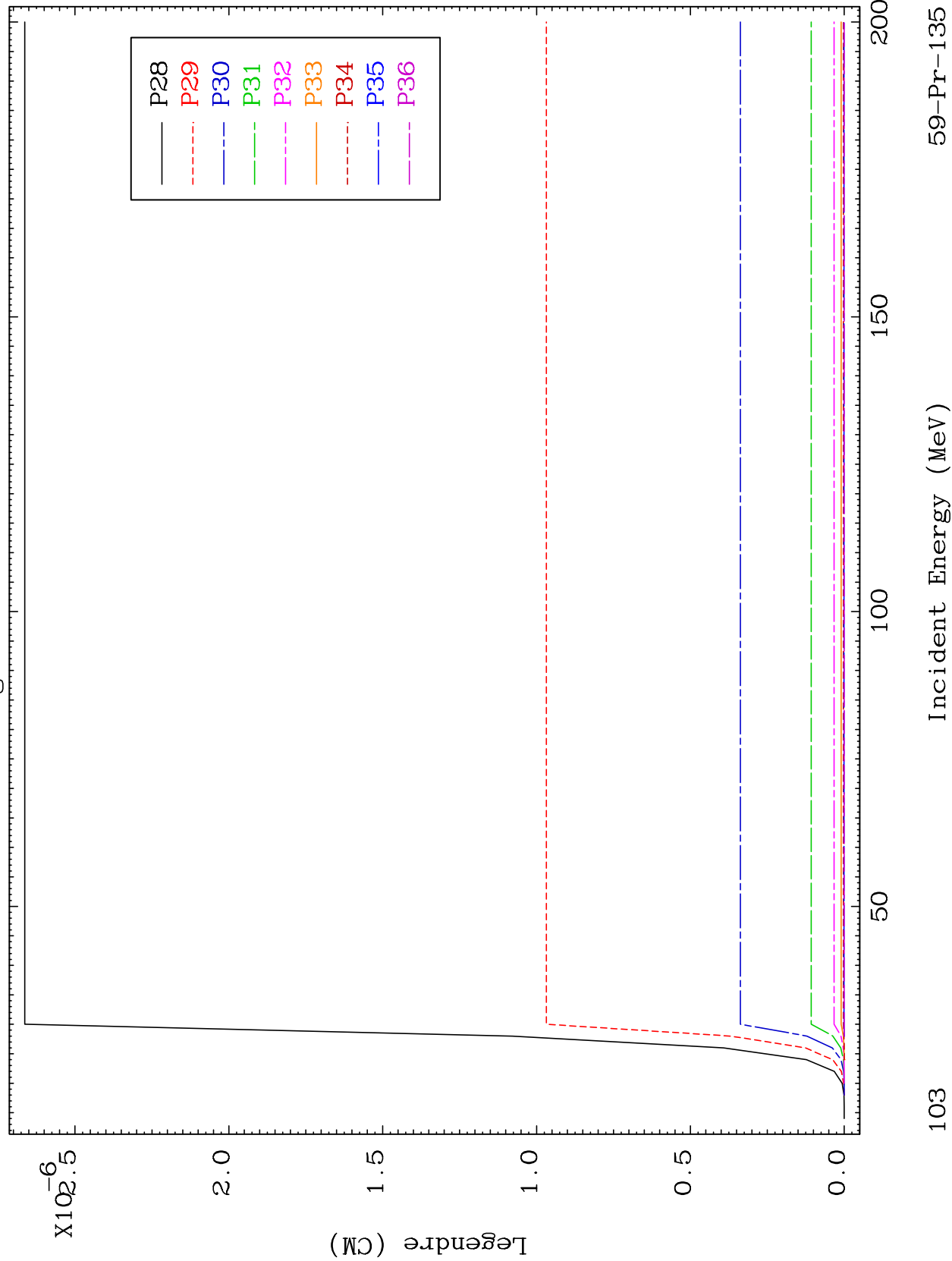
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



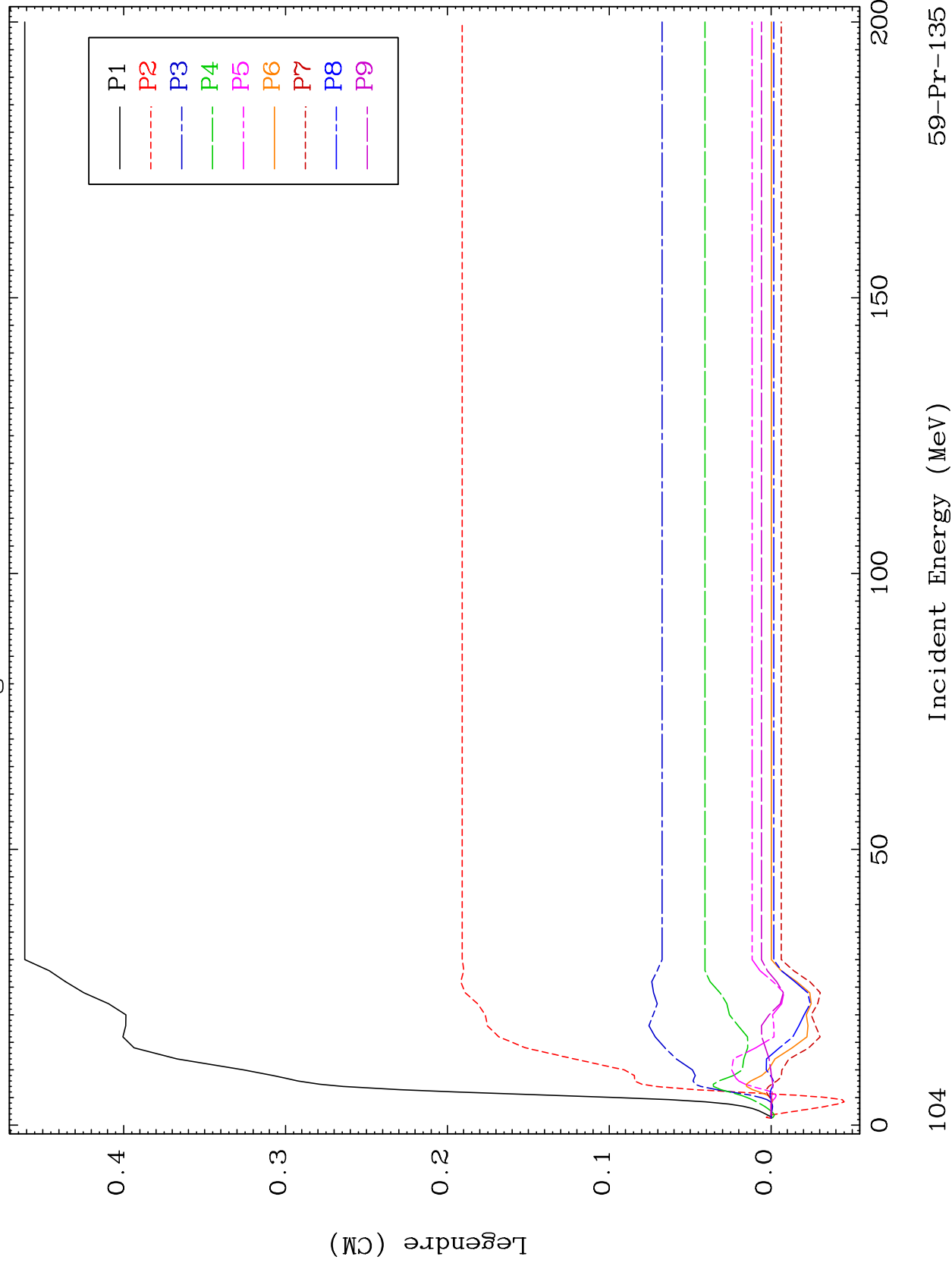
103

59-Pr-135

MAT 5907

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

59-Pr-135



59-Pr-135

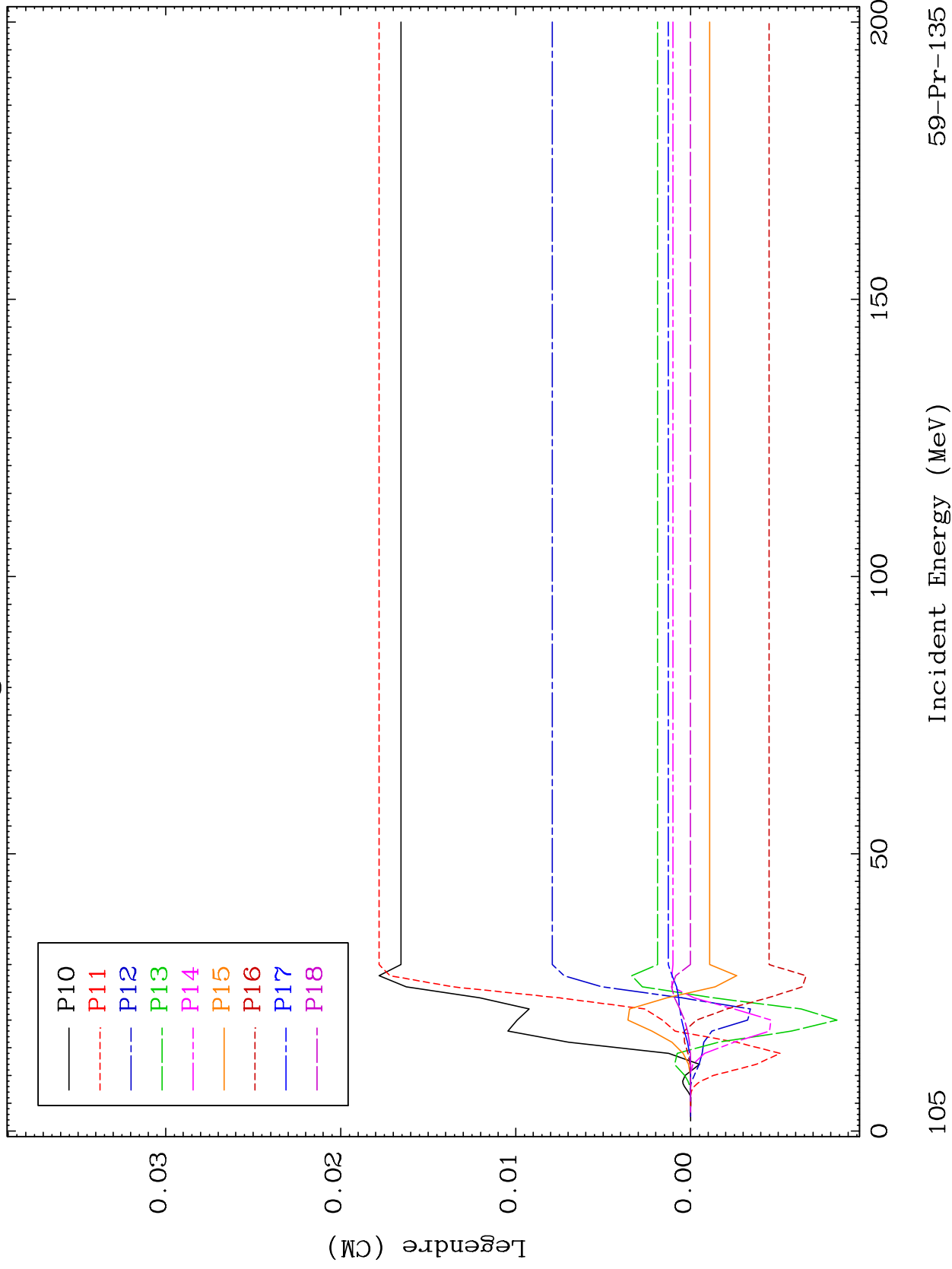
Incident Energy (MeV)

104

MAT 5907

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

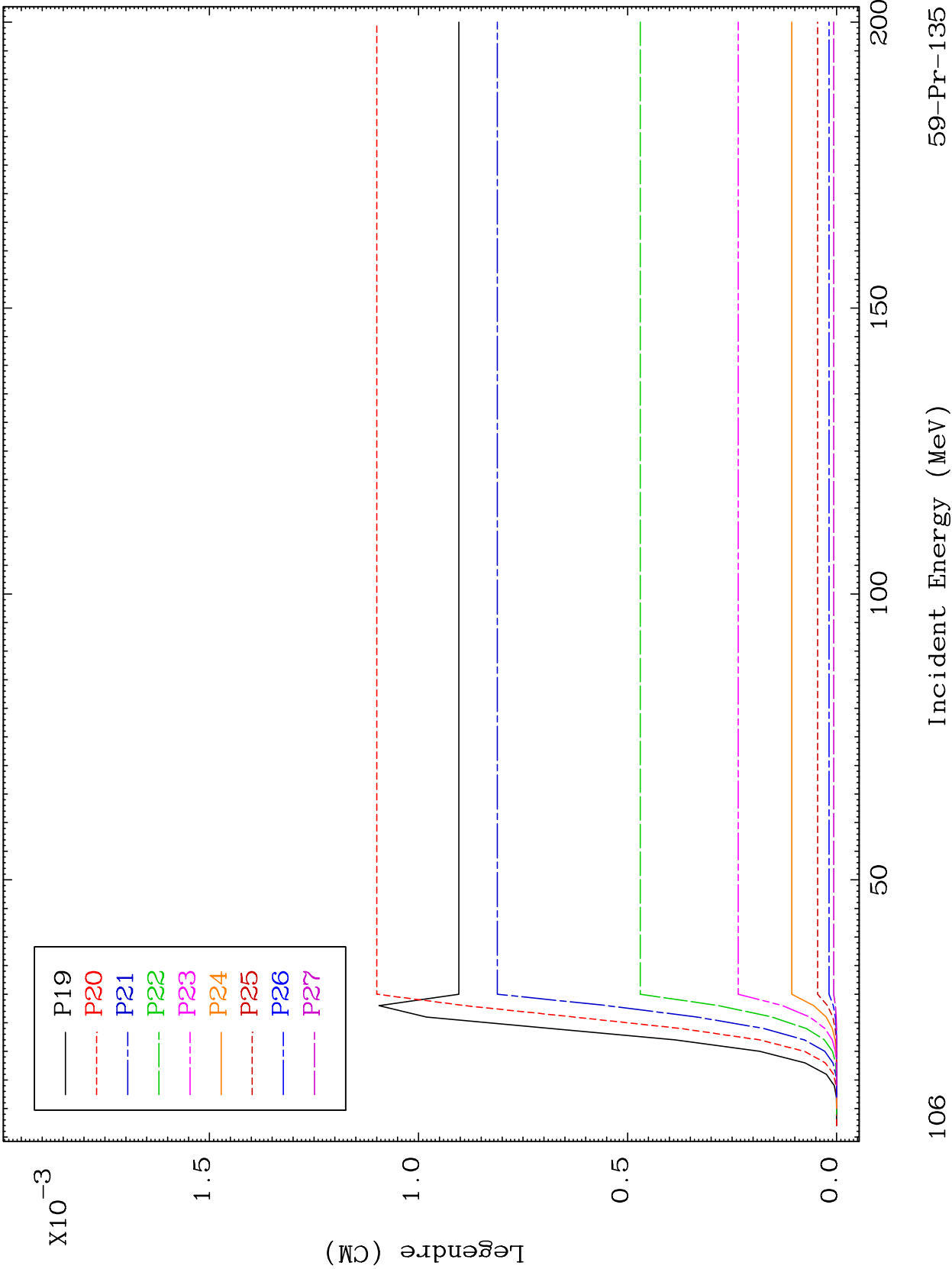
59-Pr-135



59-Pr-135

Incident Energy (MeV)

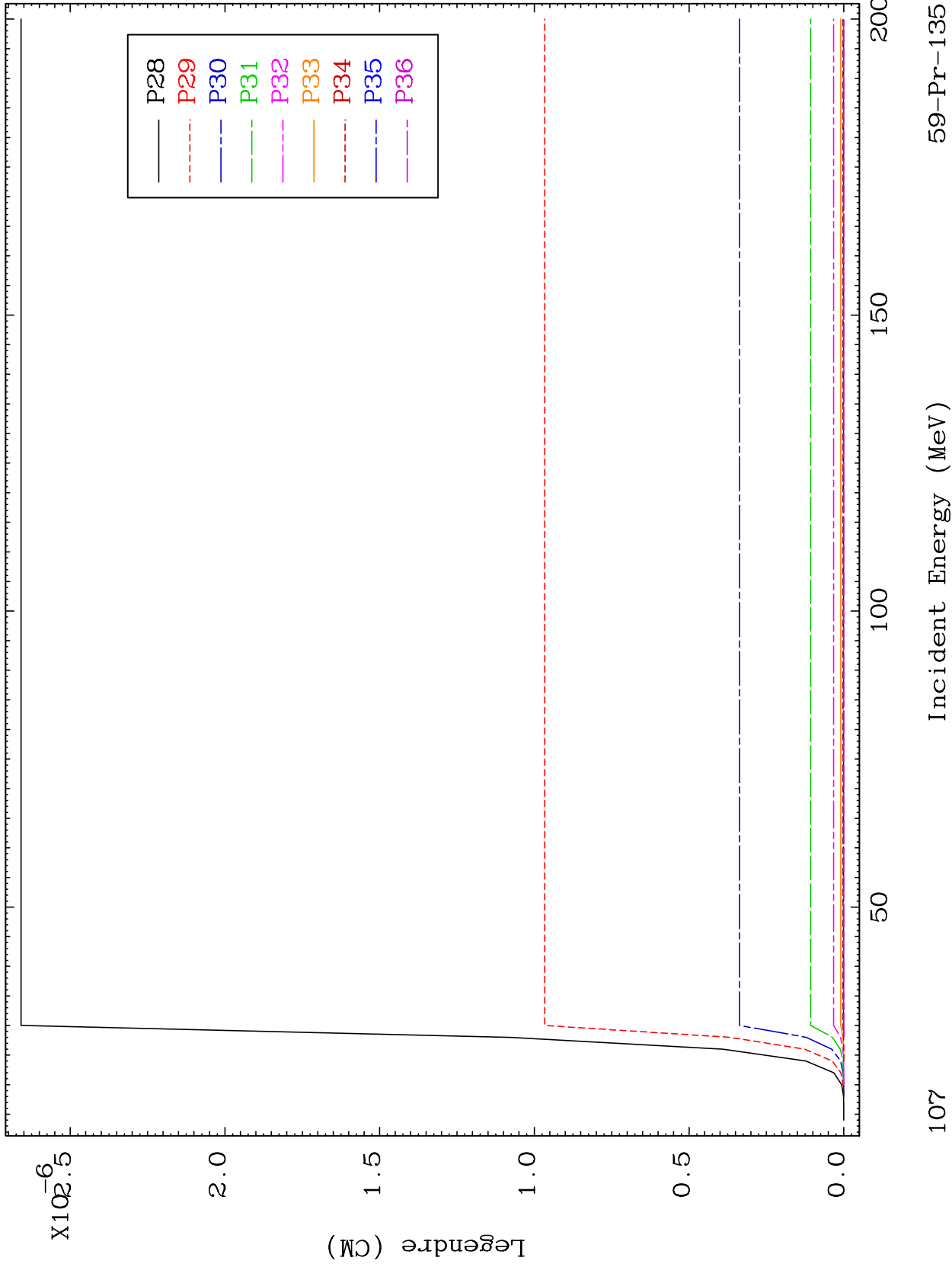
105



MAT 5907

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

59-Pr-135



107

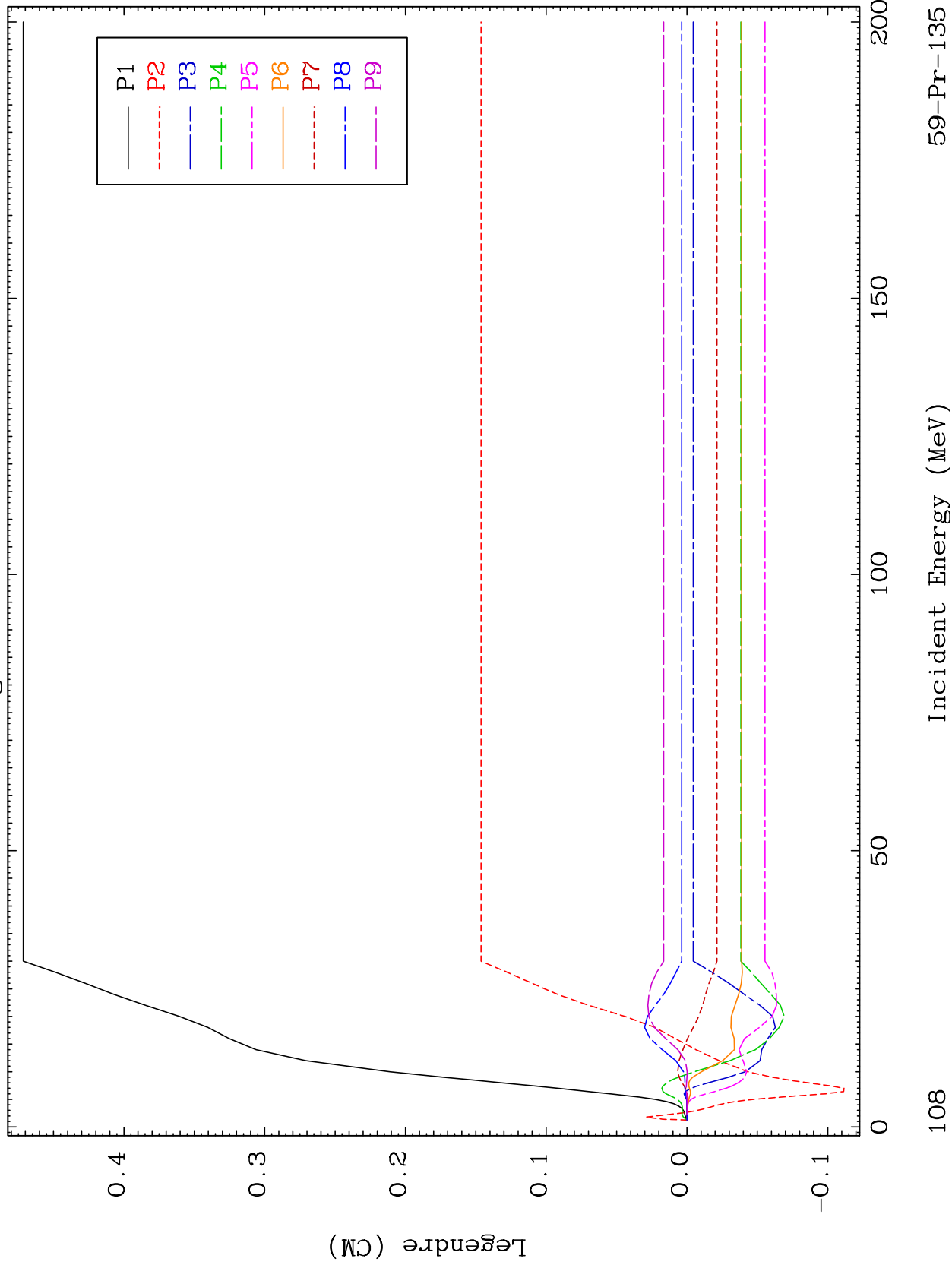
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



59-Pr-135

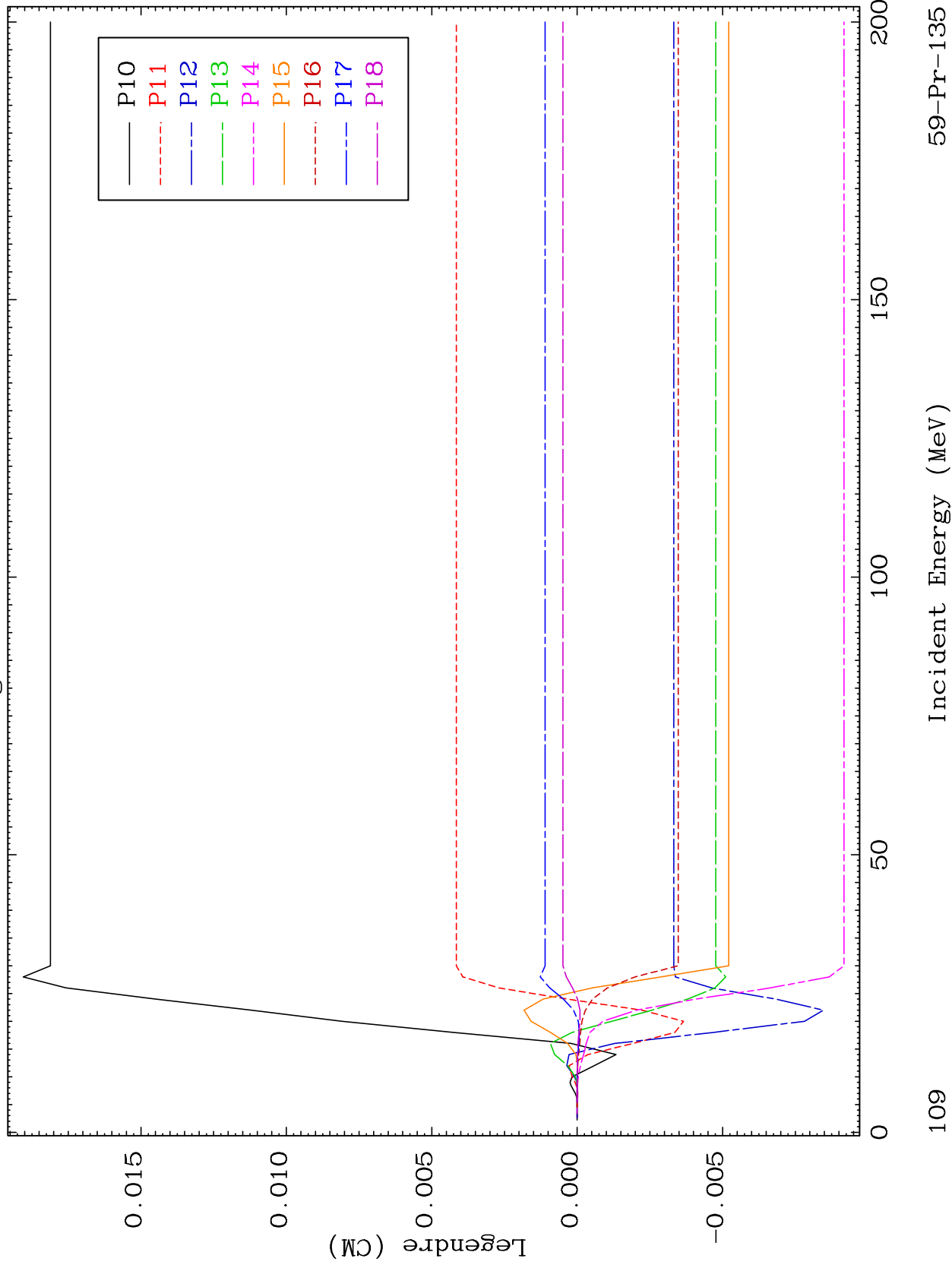
Incident Energy (MeV)

108

MAT 5907

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

59-Pr-135



109

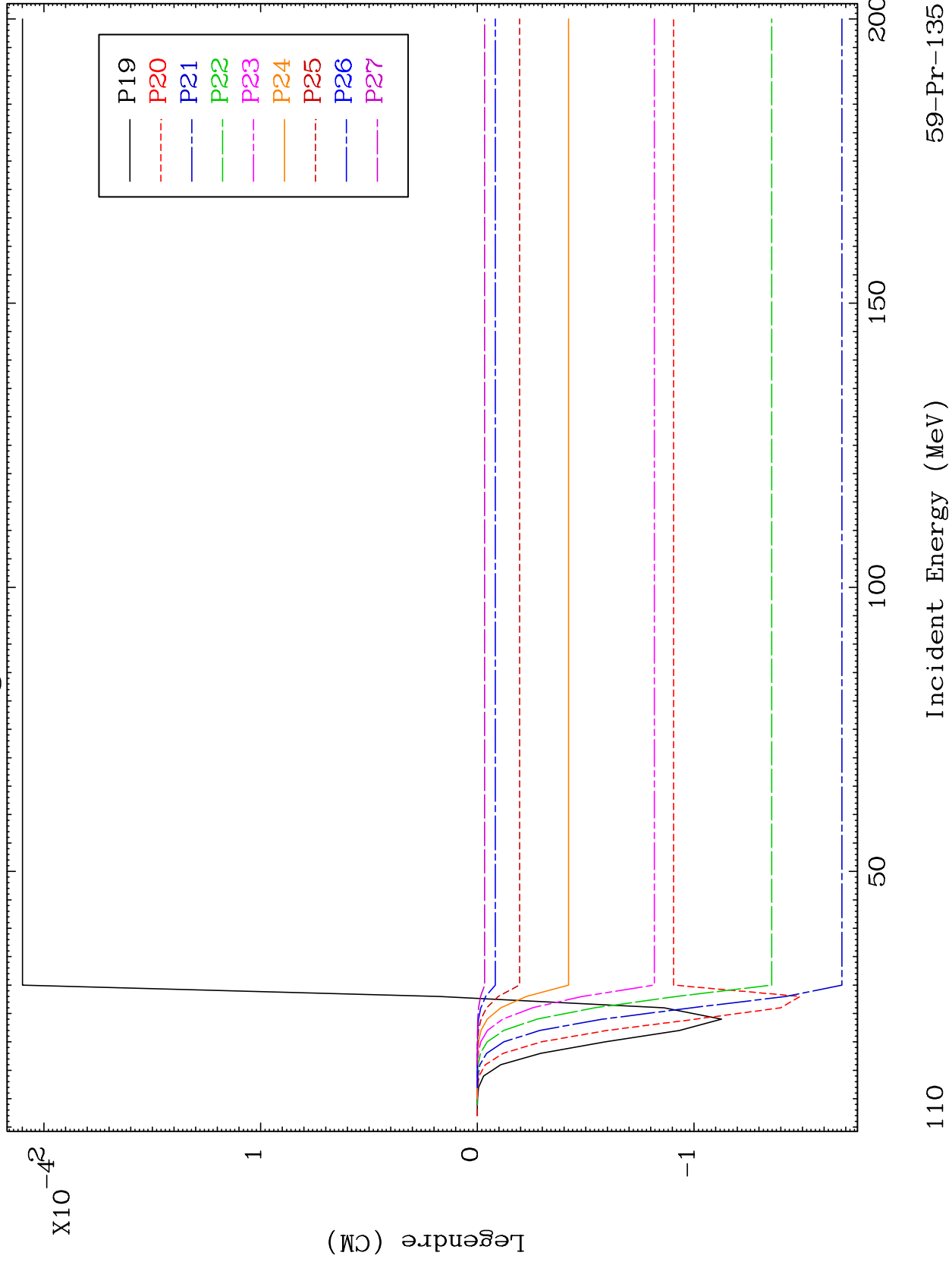
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135

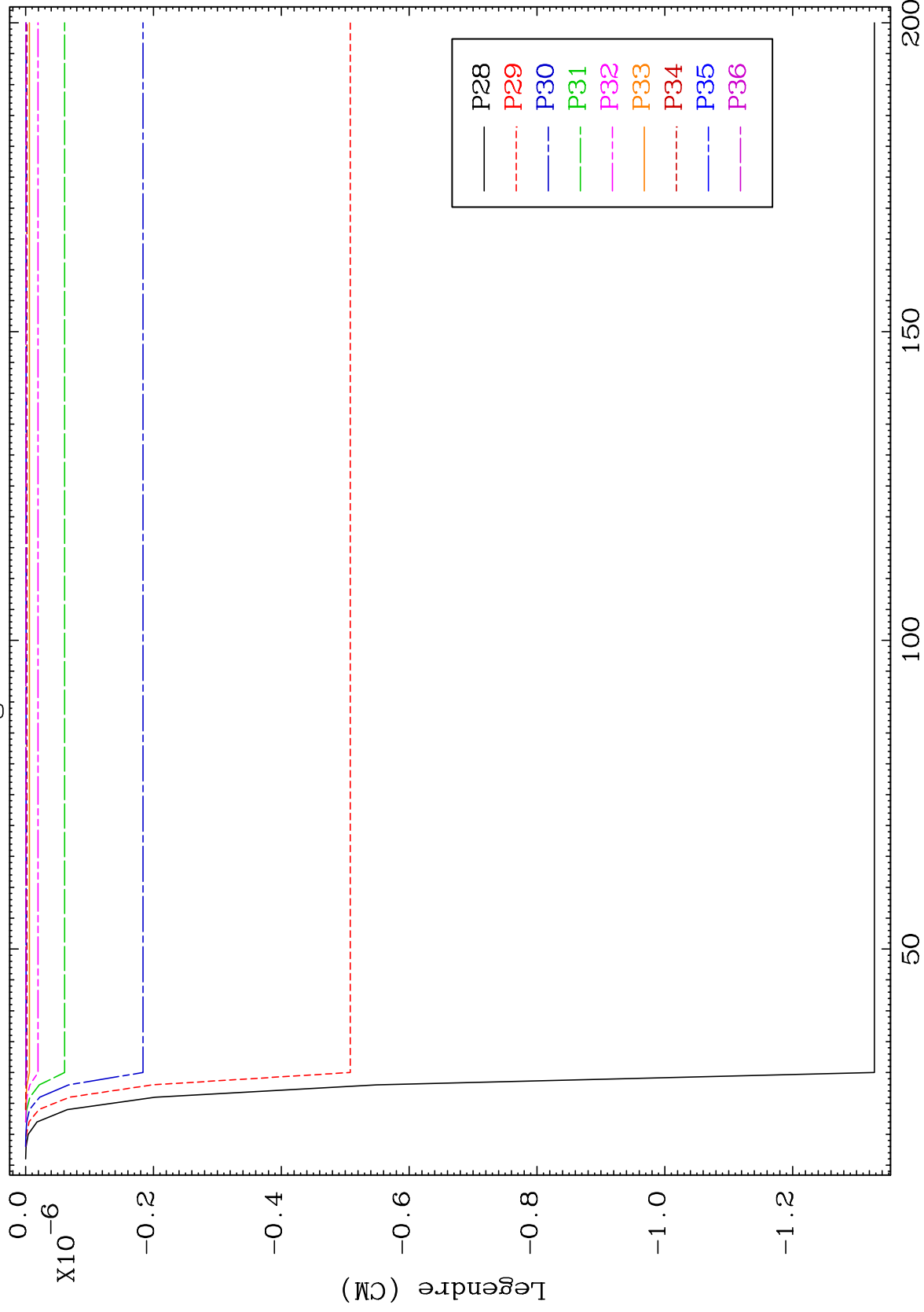


59-Pr-135

MAT 5907

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

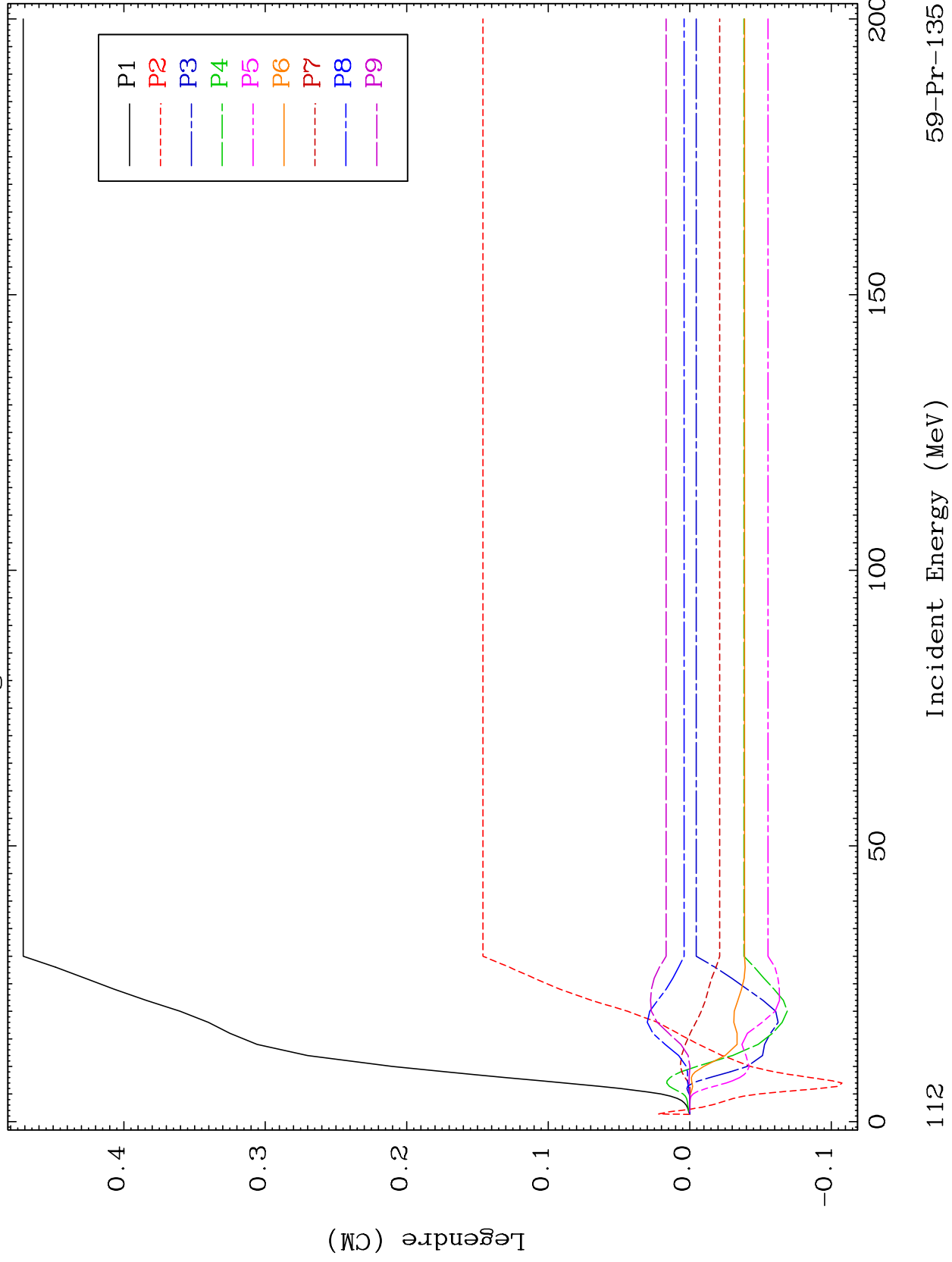
59-Pr-135



MAT 5907

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

59-Pr-135



59-Pr-135

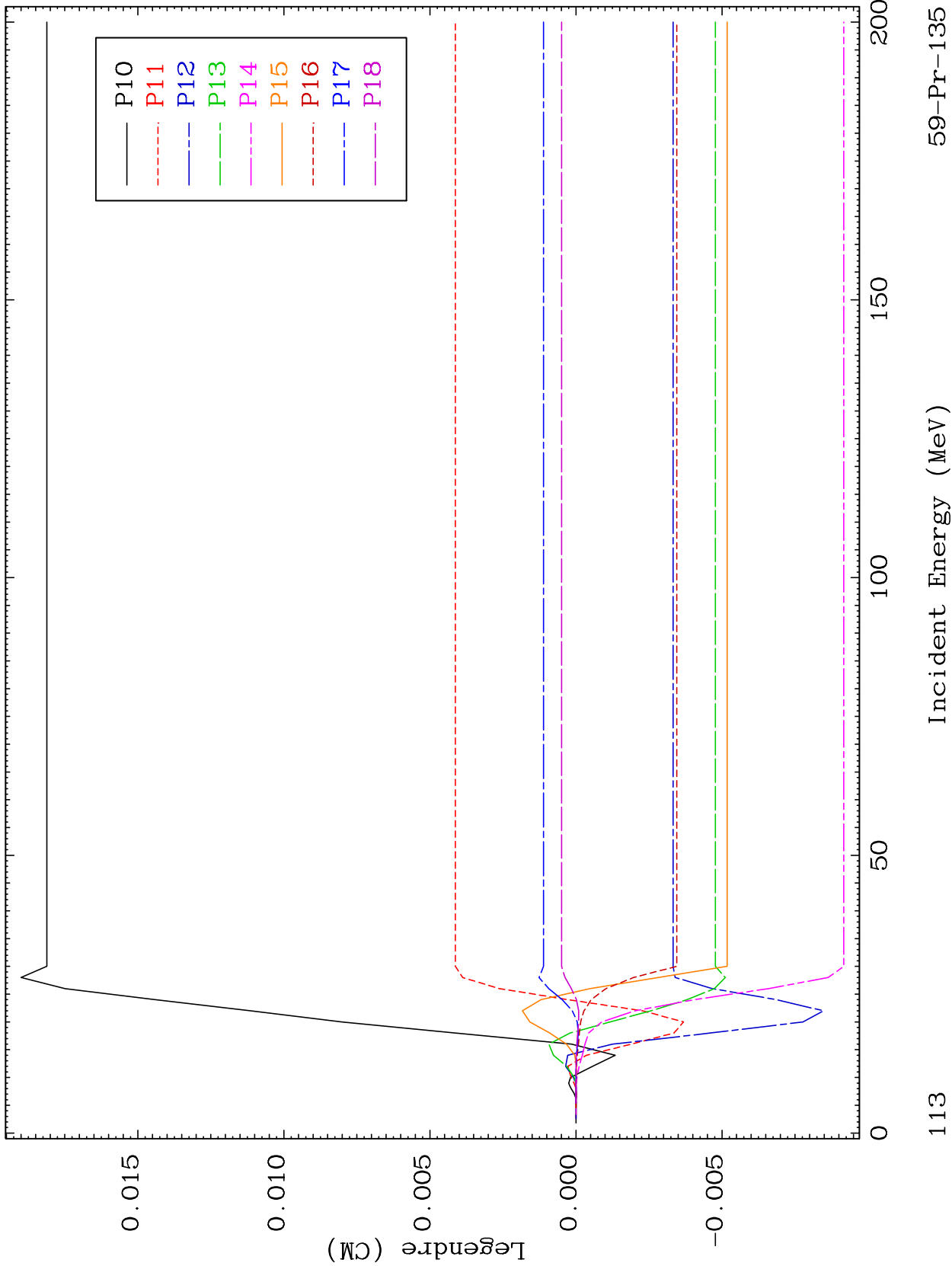
Incident Energy (MeV)

112

MAT 5907

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

59-Pr-135



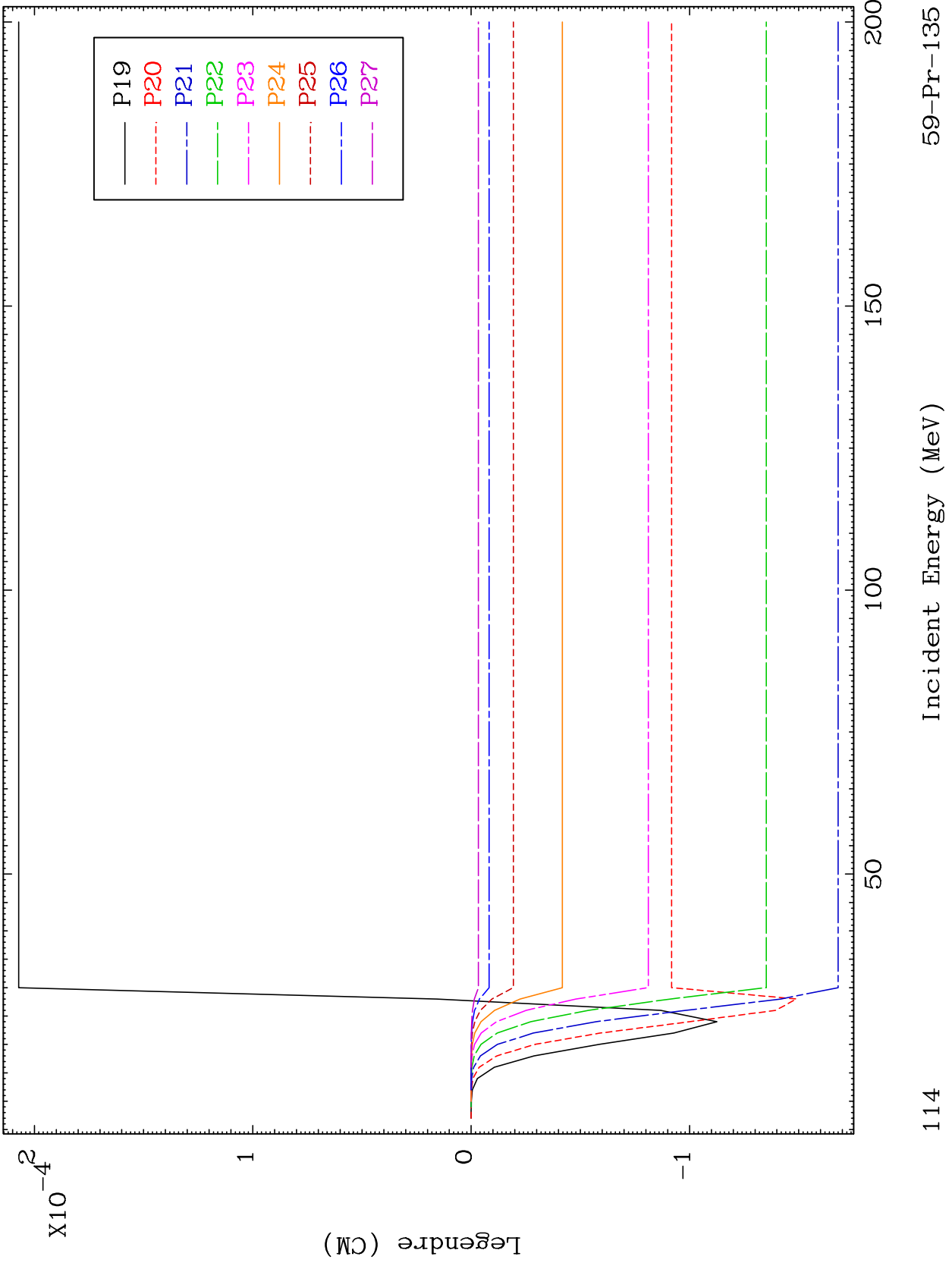
113

59-Pr-135

MAT 5907

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

59-Pr-135



114

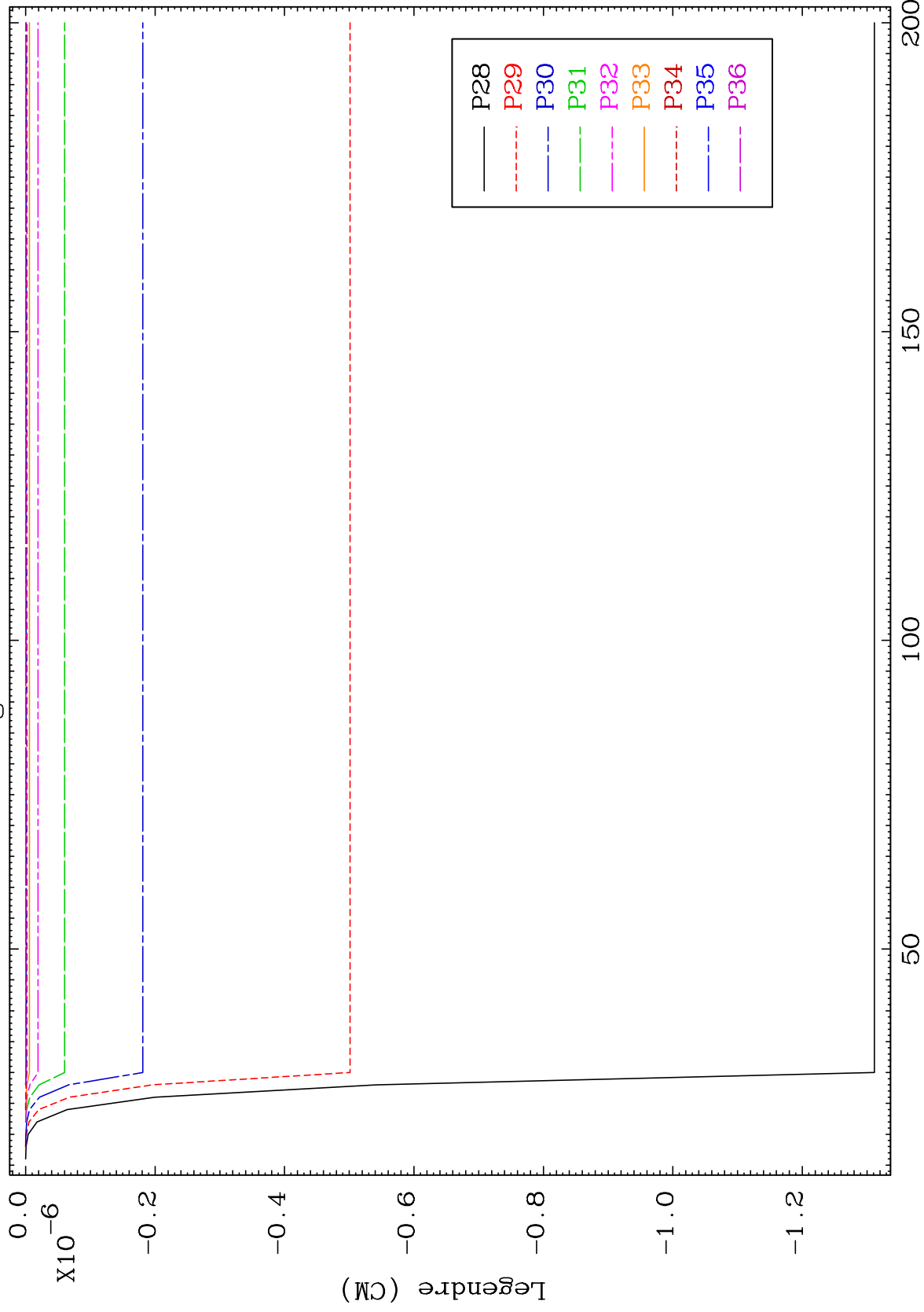
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



115

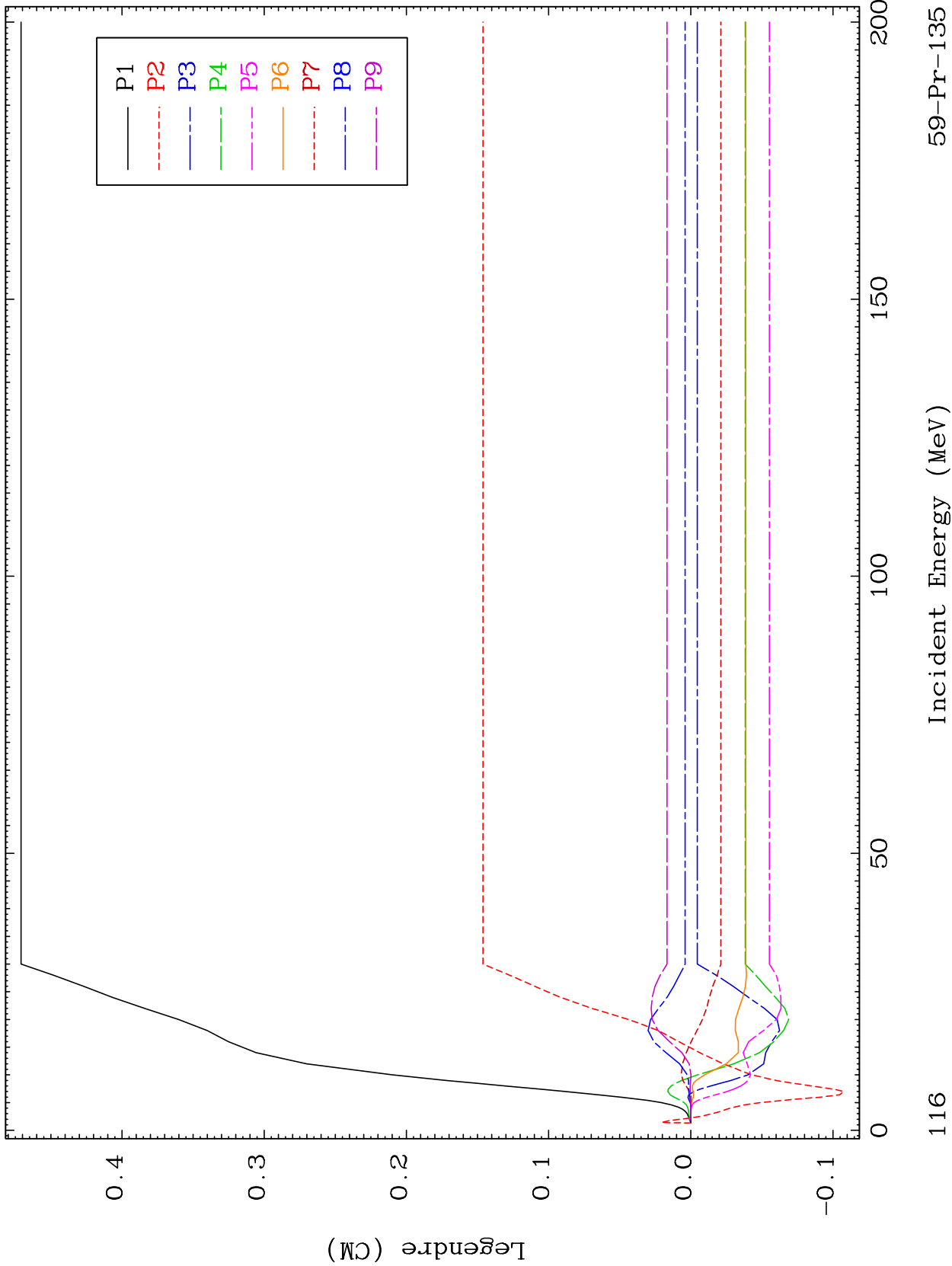
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



59-Pr-135

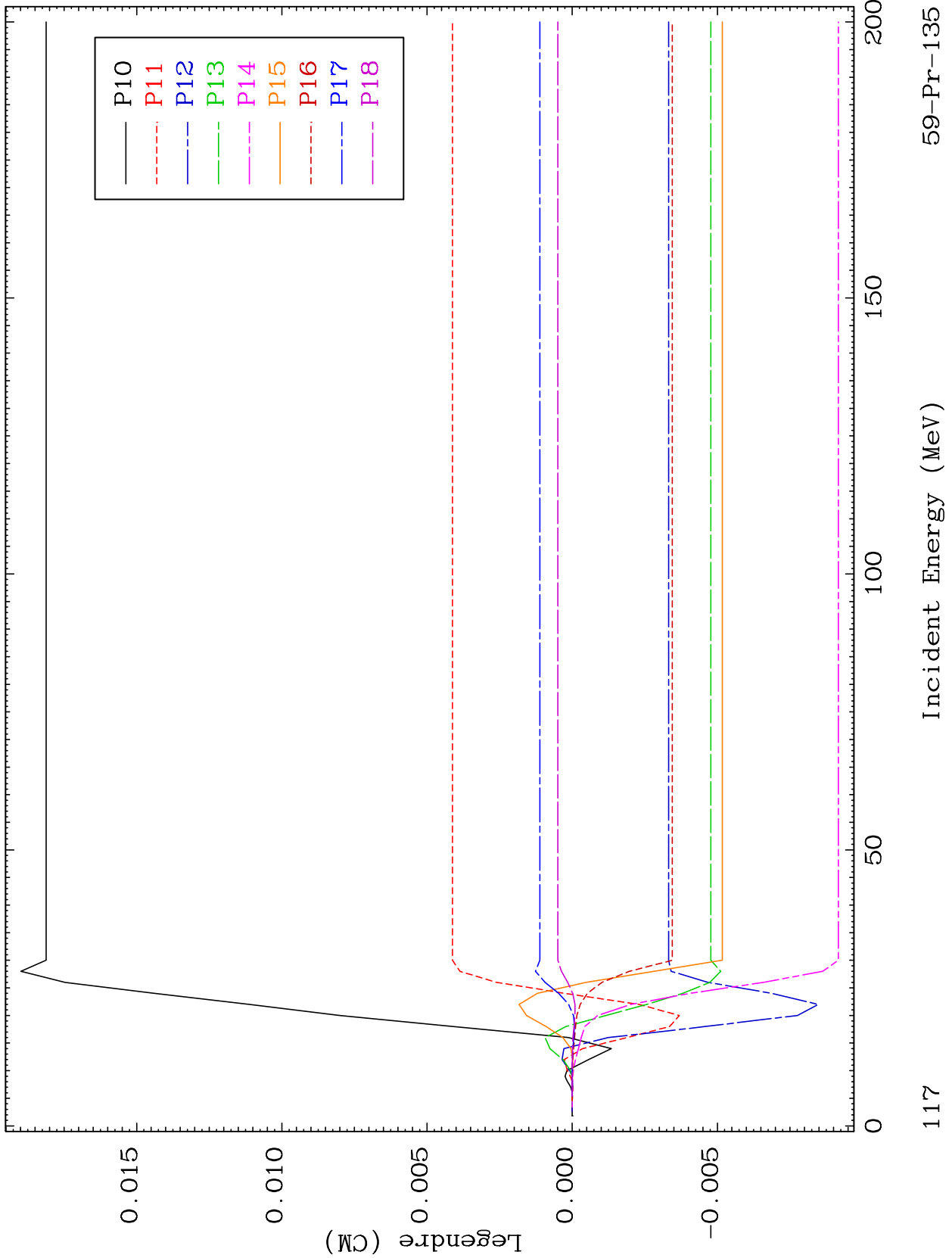
Incident Energy (MeV)

116

MAT 5907

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

59-Pr-135



117

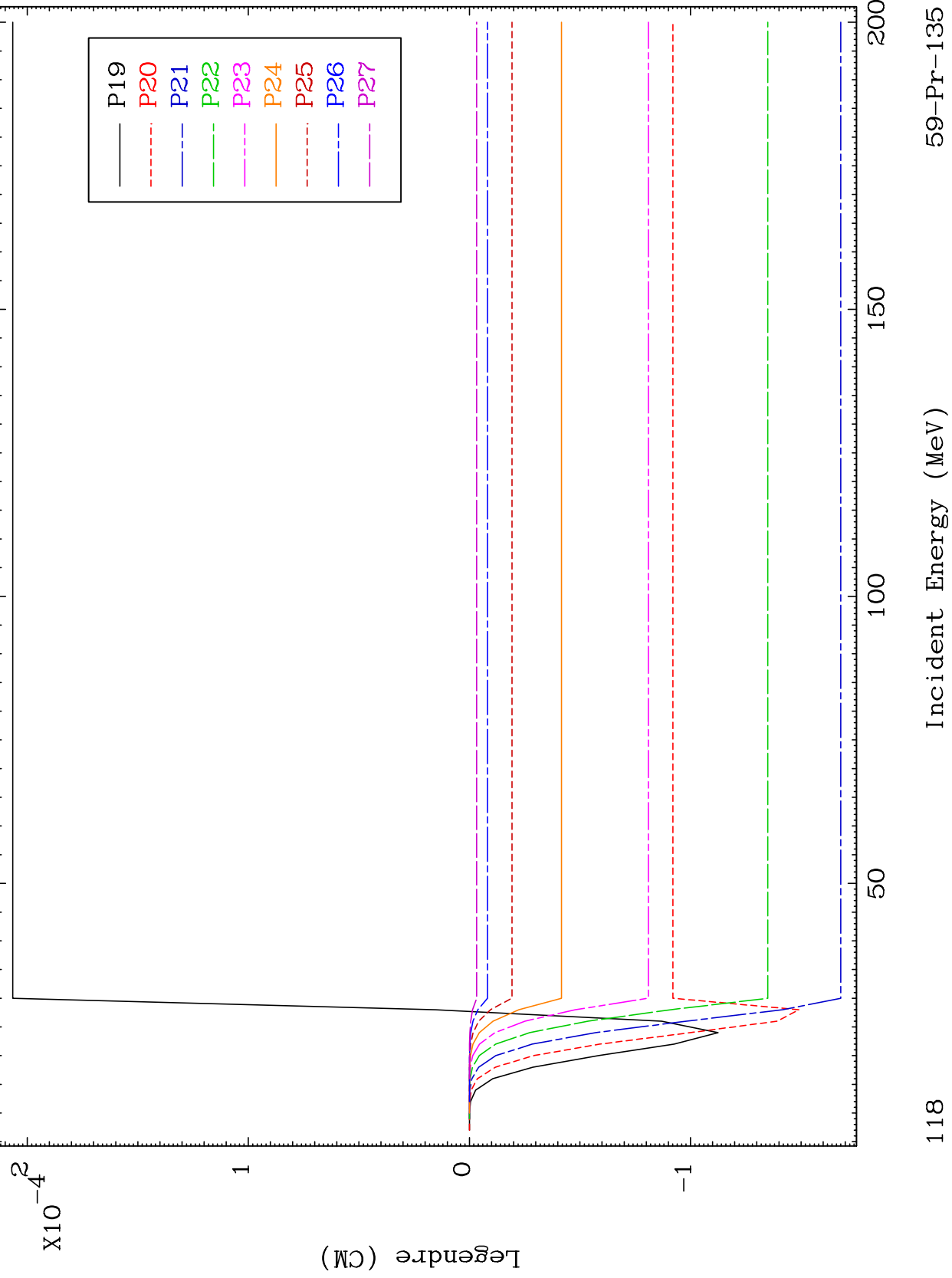
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



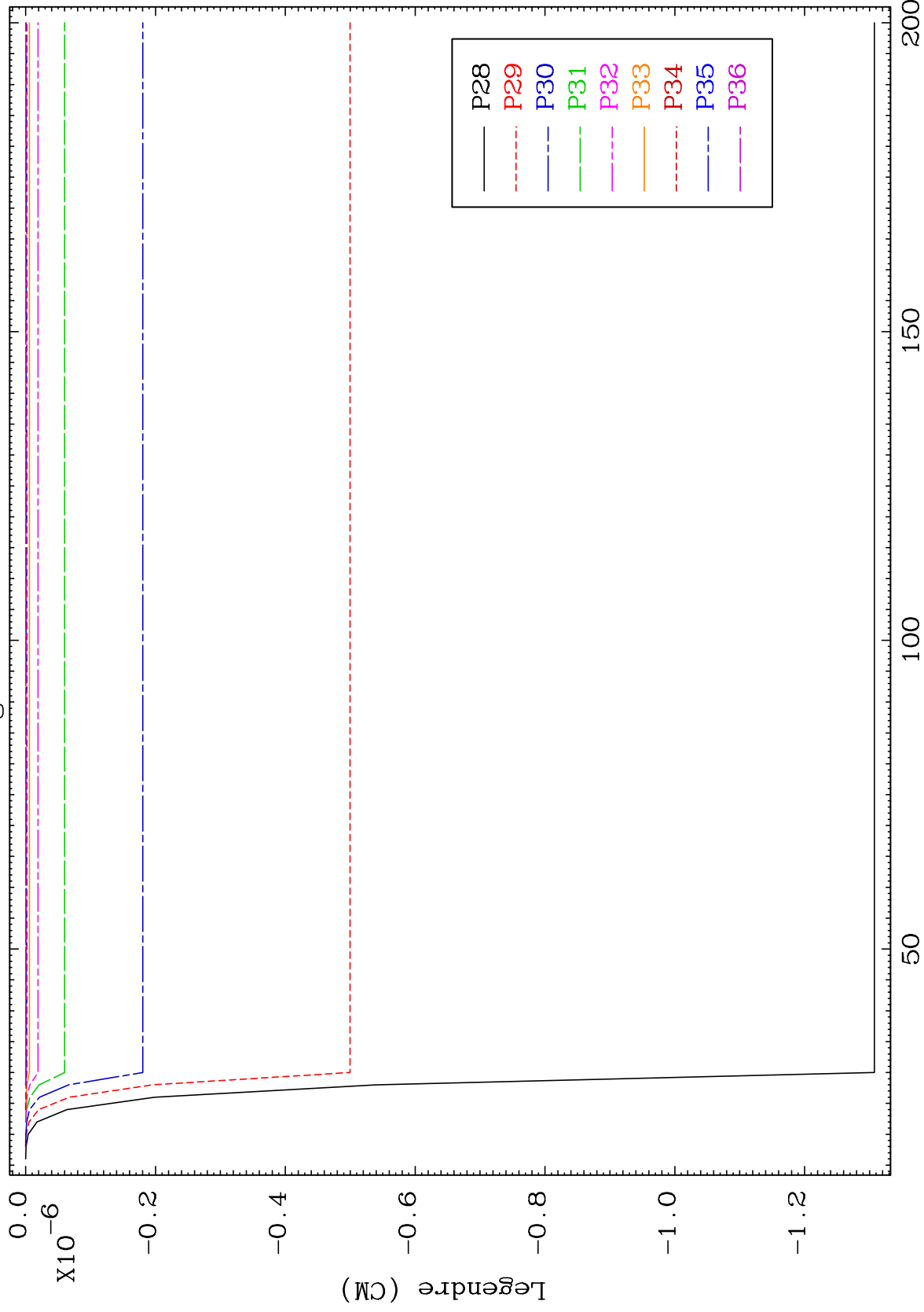
118

59-Pr-135

MAT 5907

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

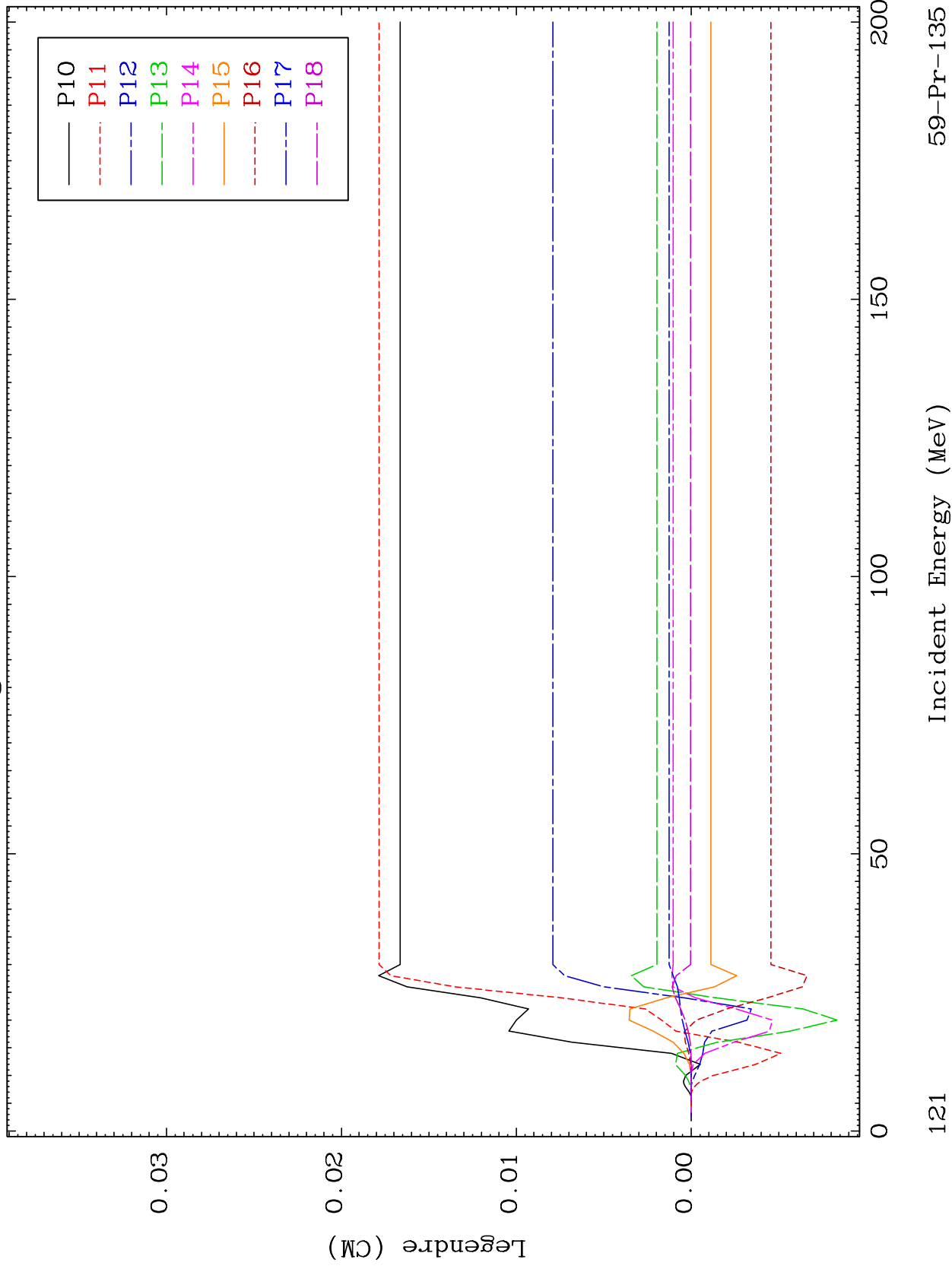
59-Pr-135



MAT 5907

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

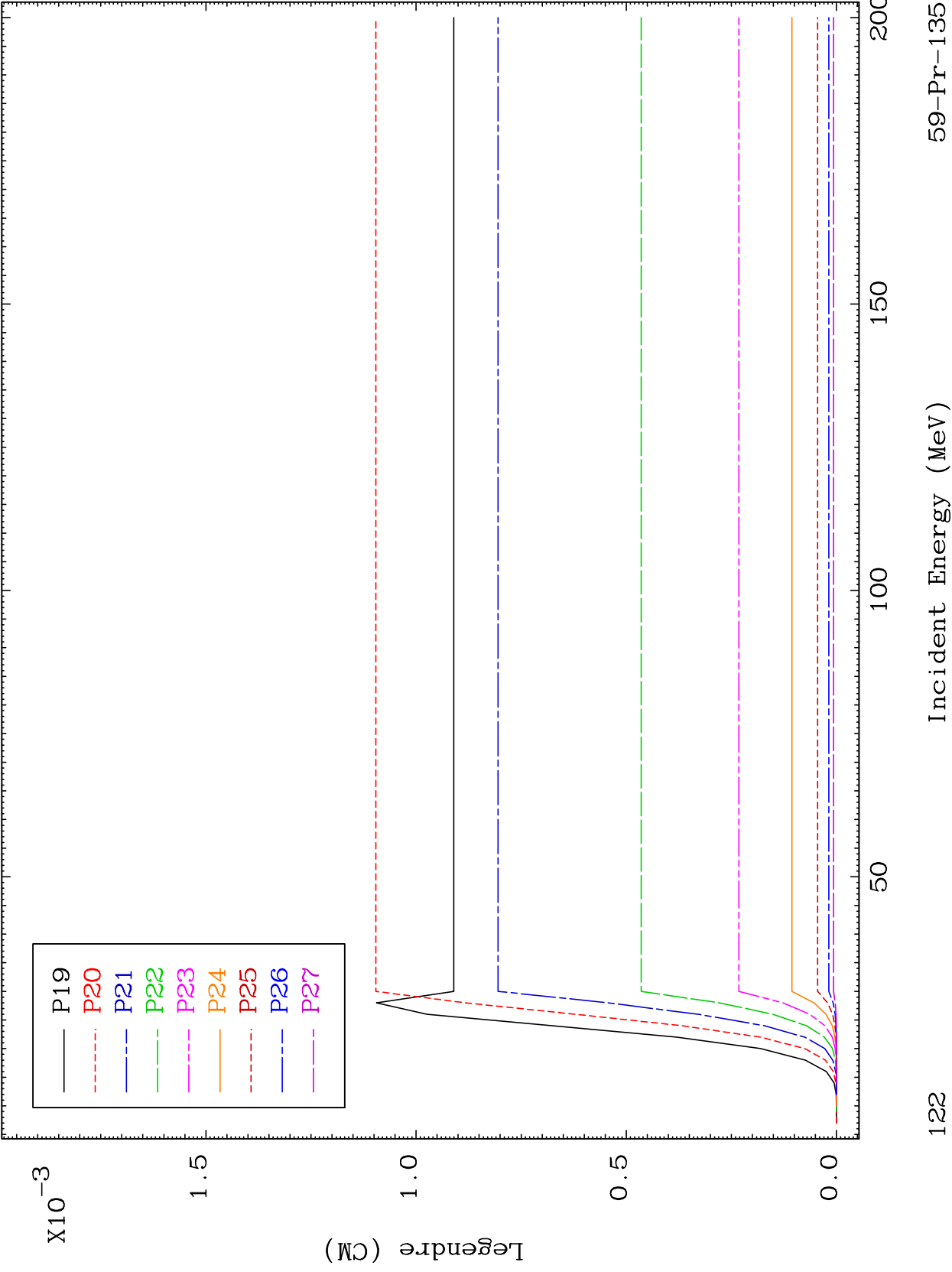
59-Pr-135



121

Incident Energy (MeV)

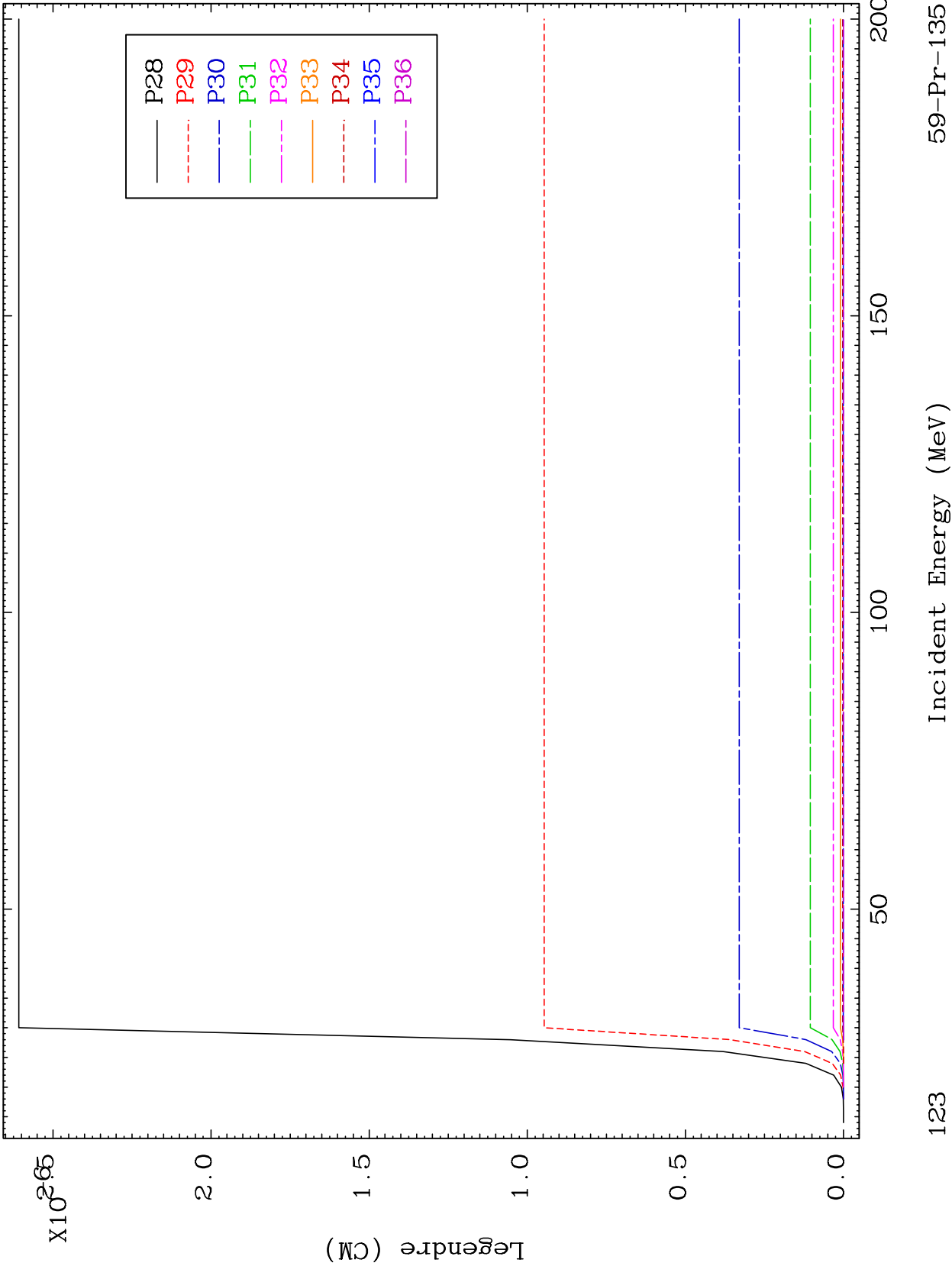
59-Pr-135



MAT 5907

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

59-Pr-135



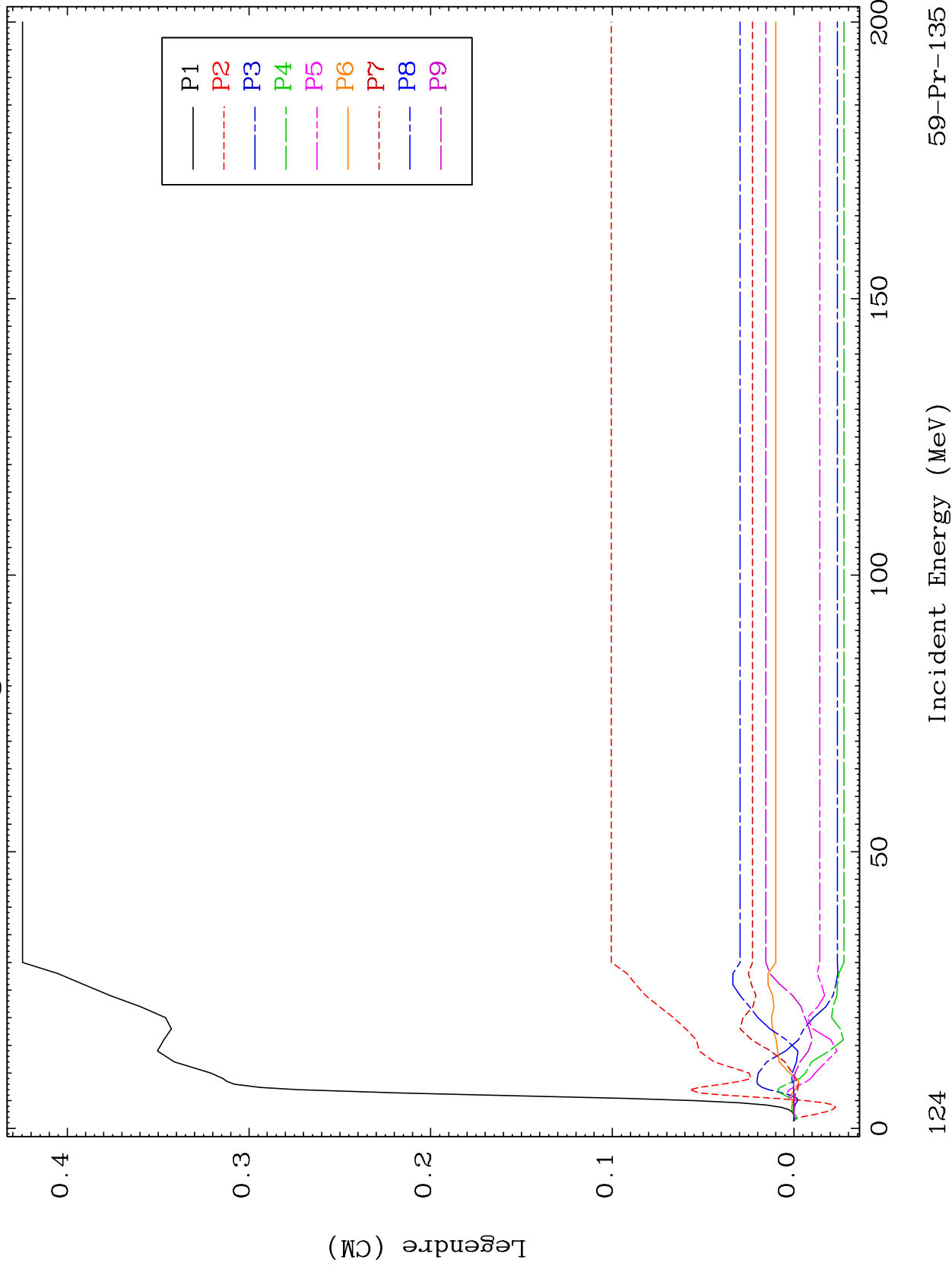
123

59-Pr-135

MAT 5907

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

59-Pr-135



59-Pr-135

Incident Energy (MeV)

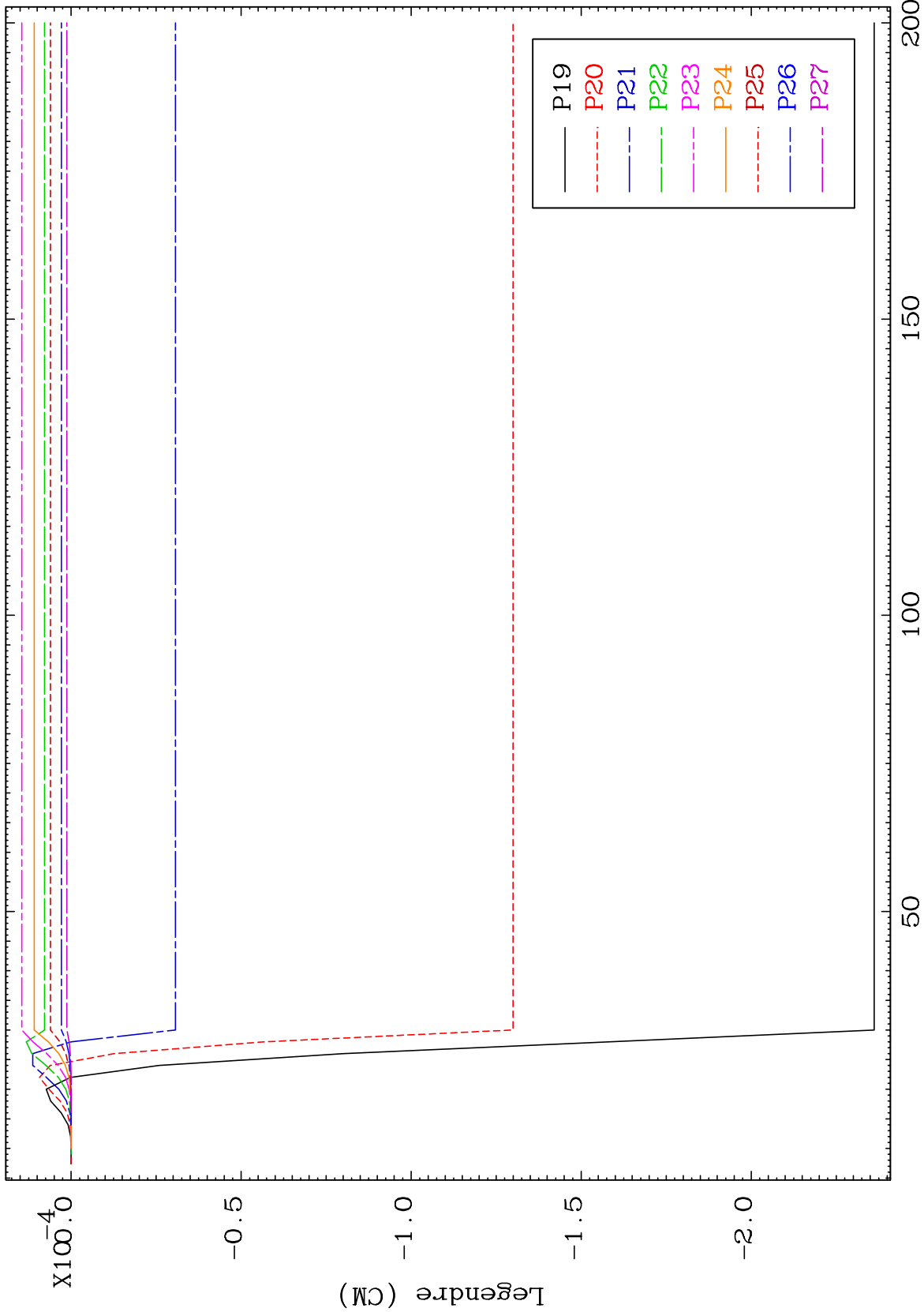
124

MAT 5907

MT= 77 (n,n') Level

59-Pr-135

Legendre Coefficients



126

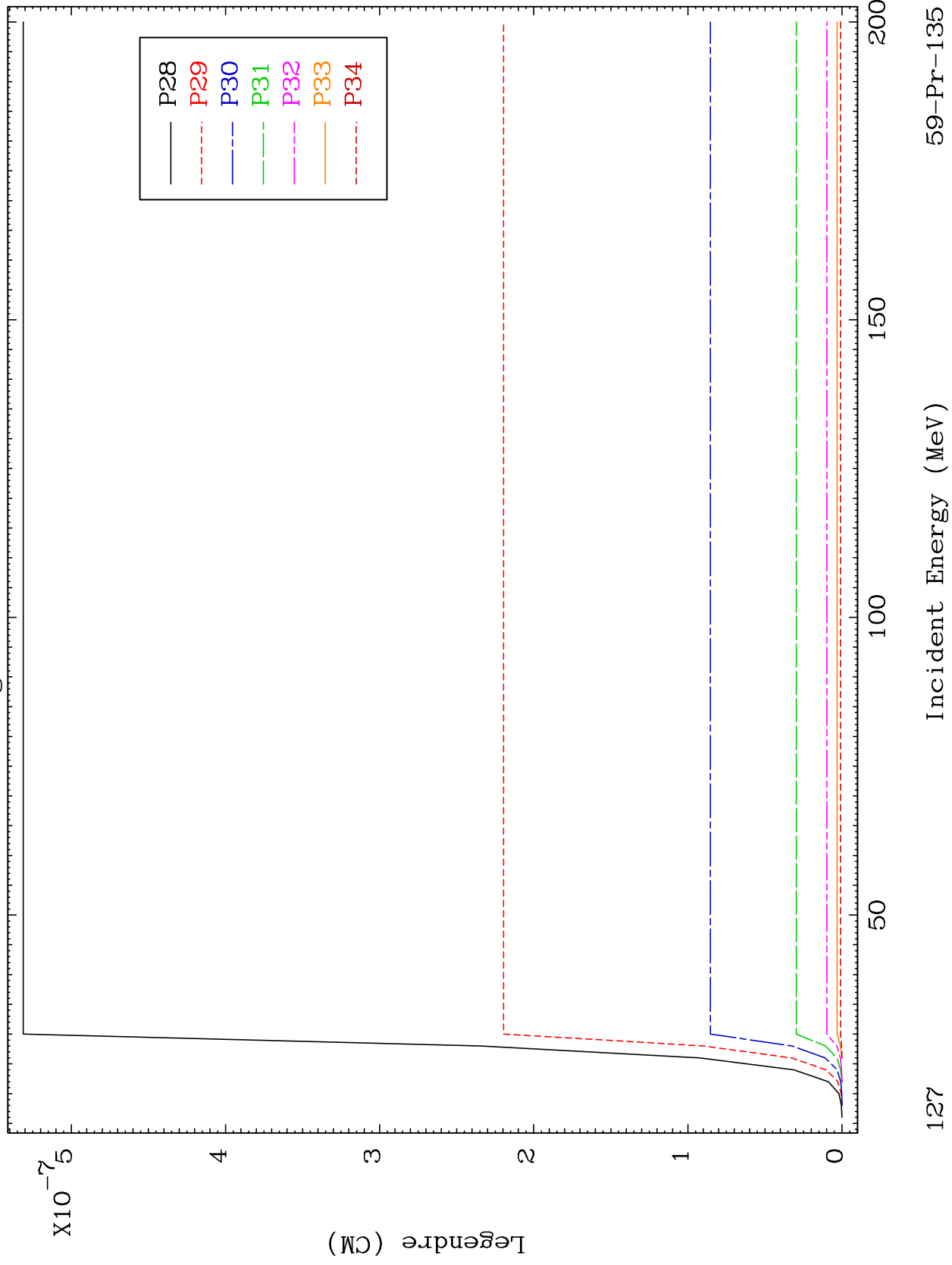
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

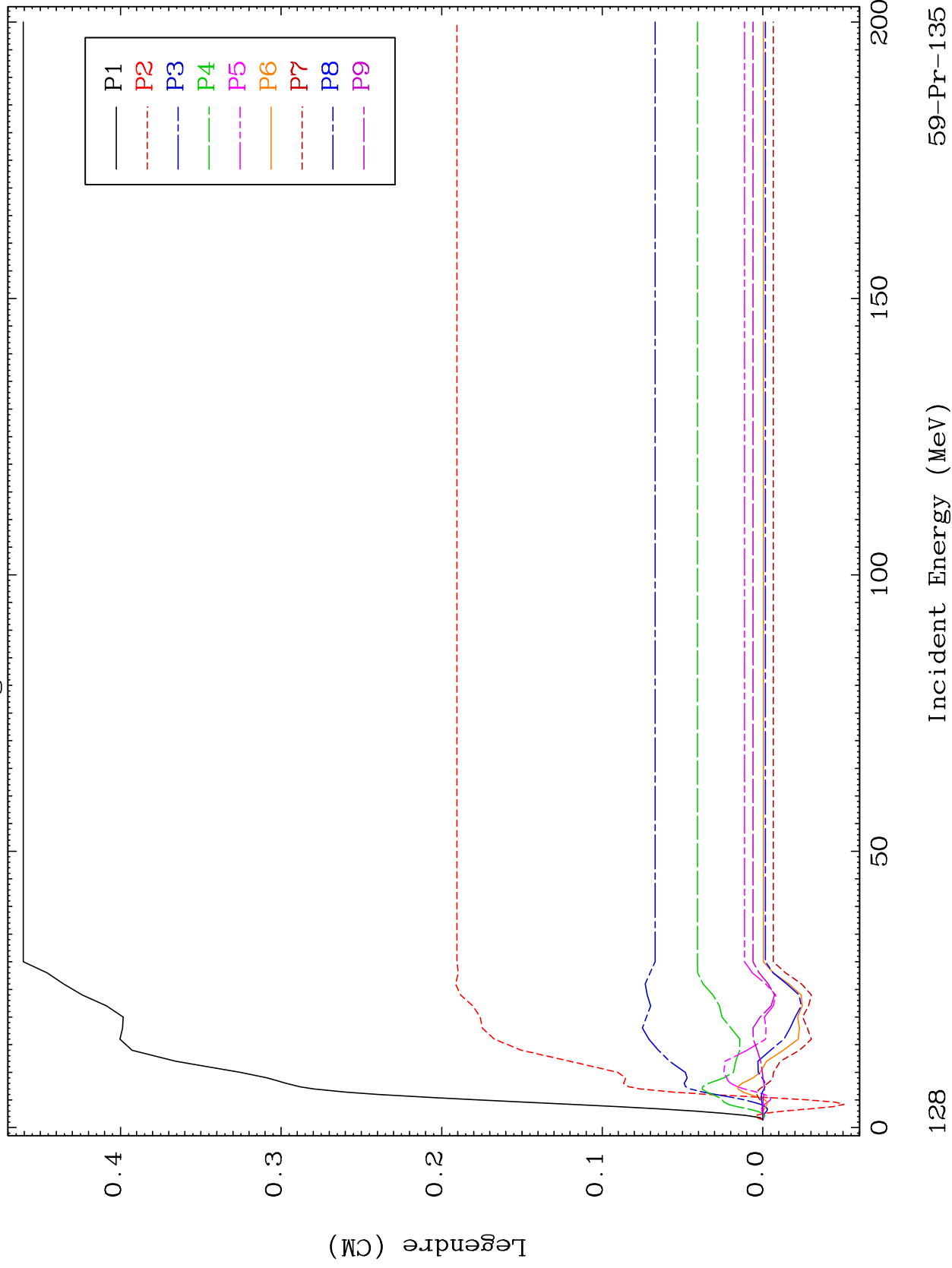
59-Pr-135



MAT 5907

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

59-Pr-135



59-Pr-135

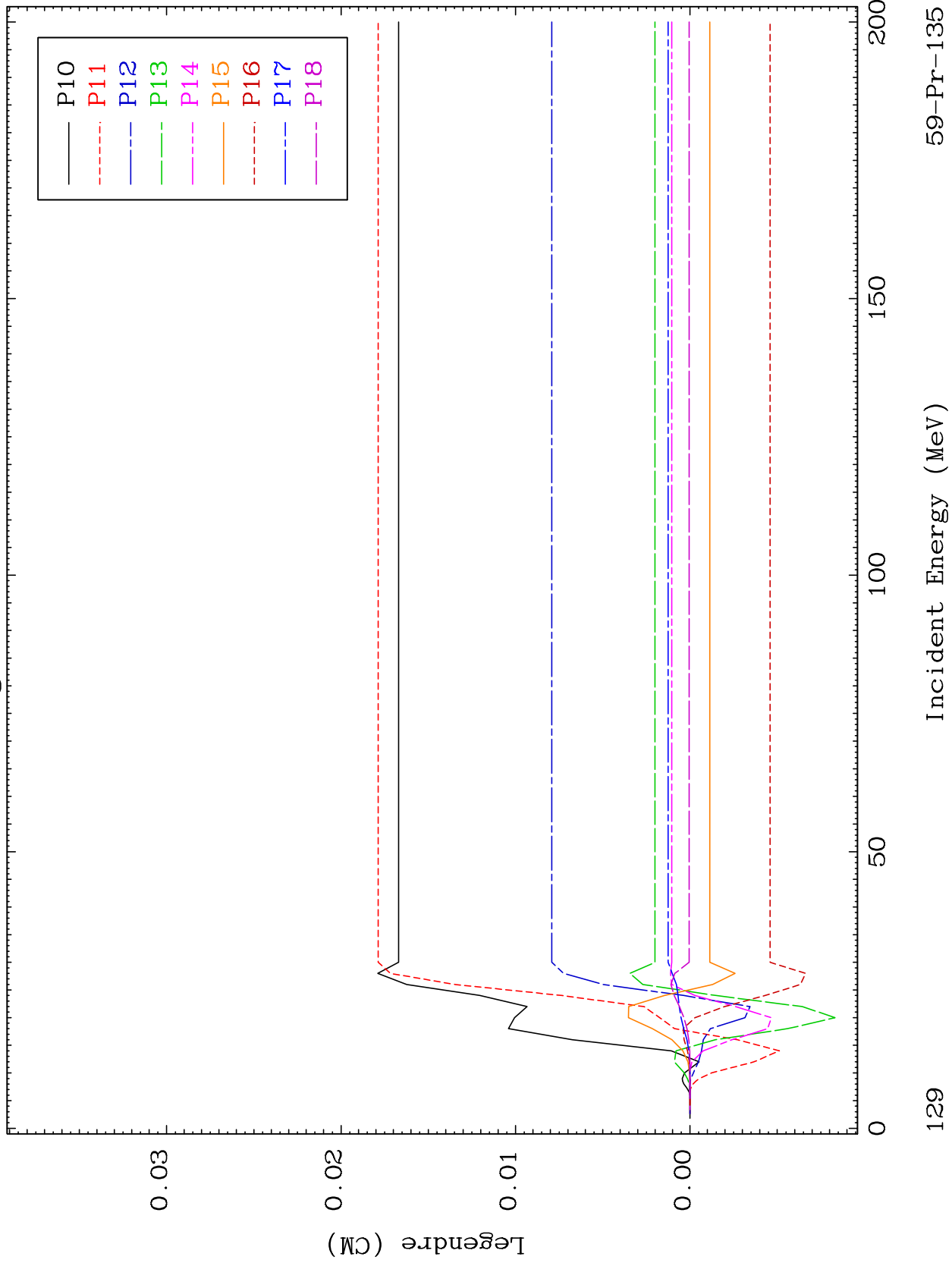
Incident Energy (MeV)

128

MAT 5907

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

59-Pr-135



59-Pr-135

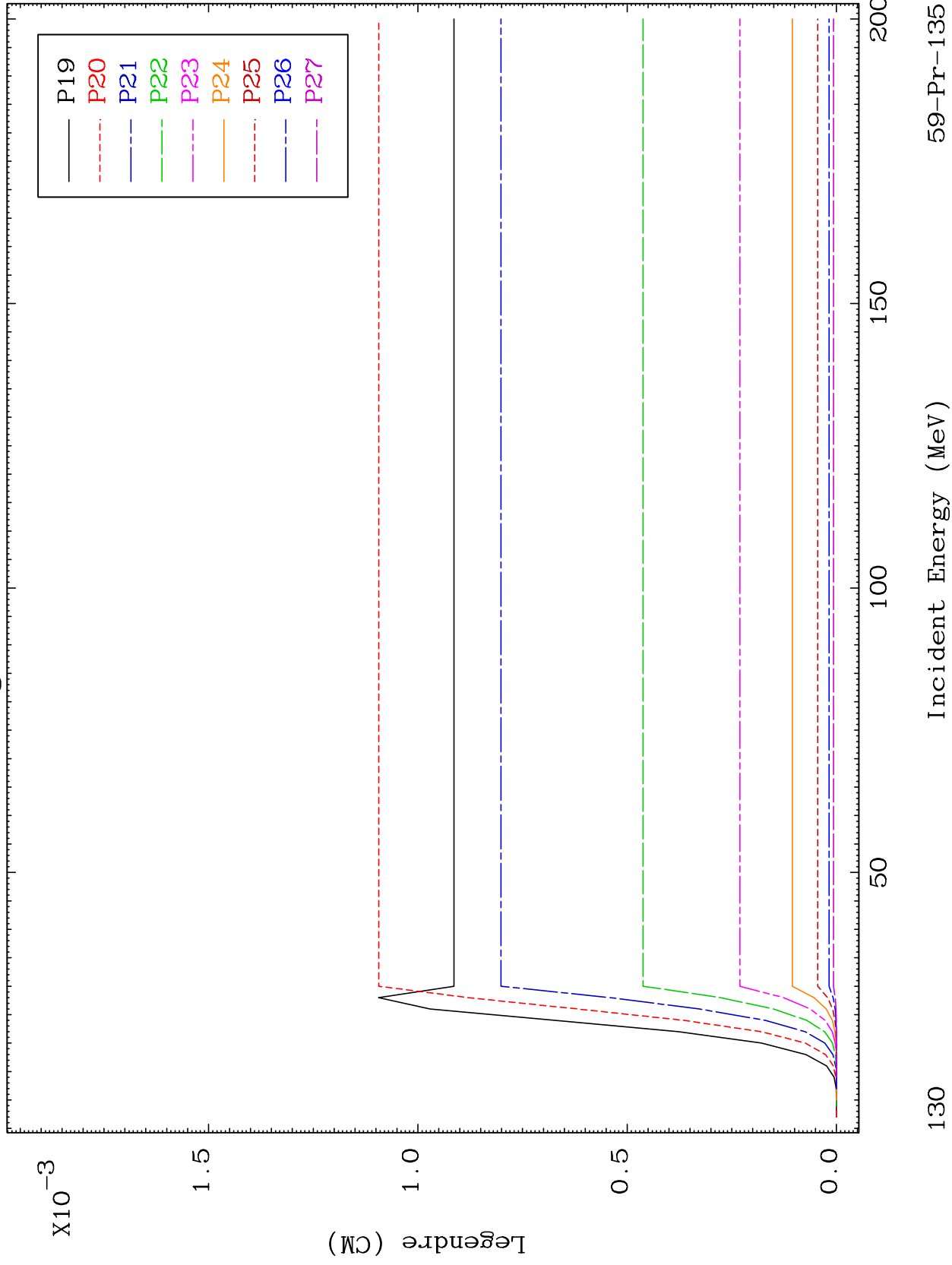
Incident Energy (MeV)

129

MAT 5907

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

59-Pr-135



130

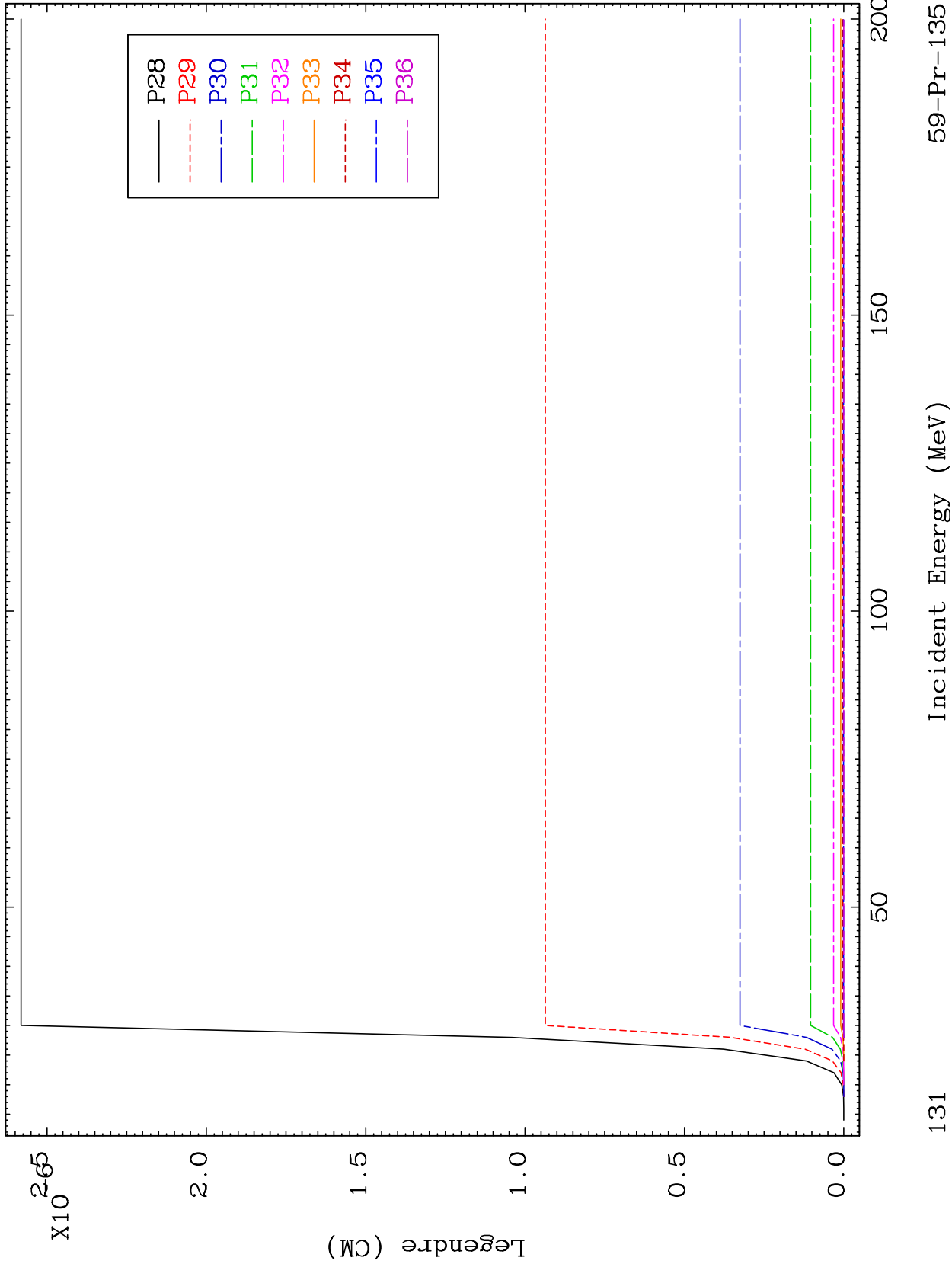
Incident Energy (MeV)

59-Pr-135

MAT 5907

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

59-Pr-135



131

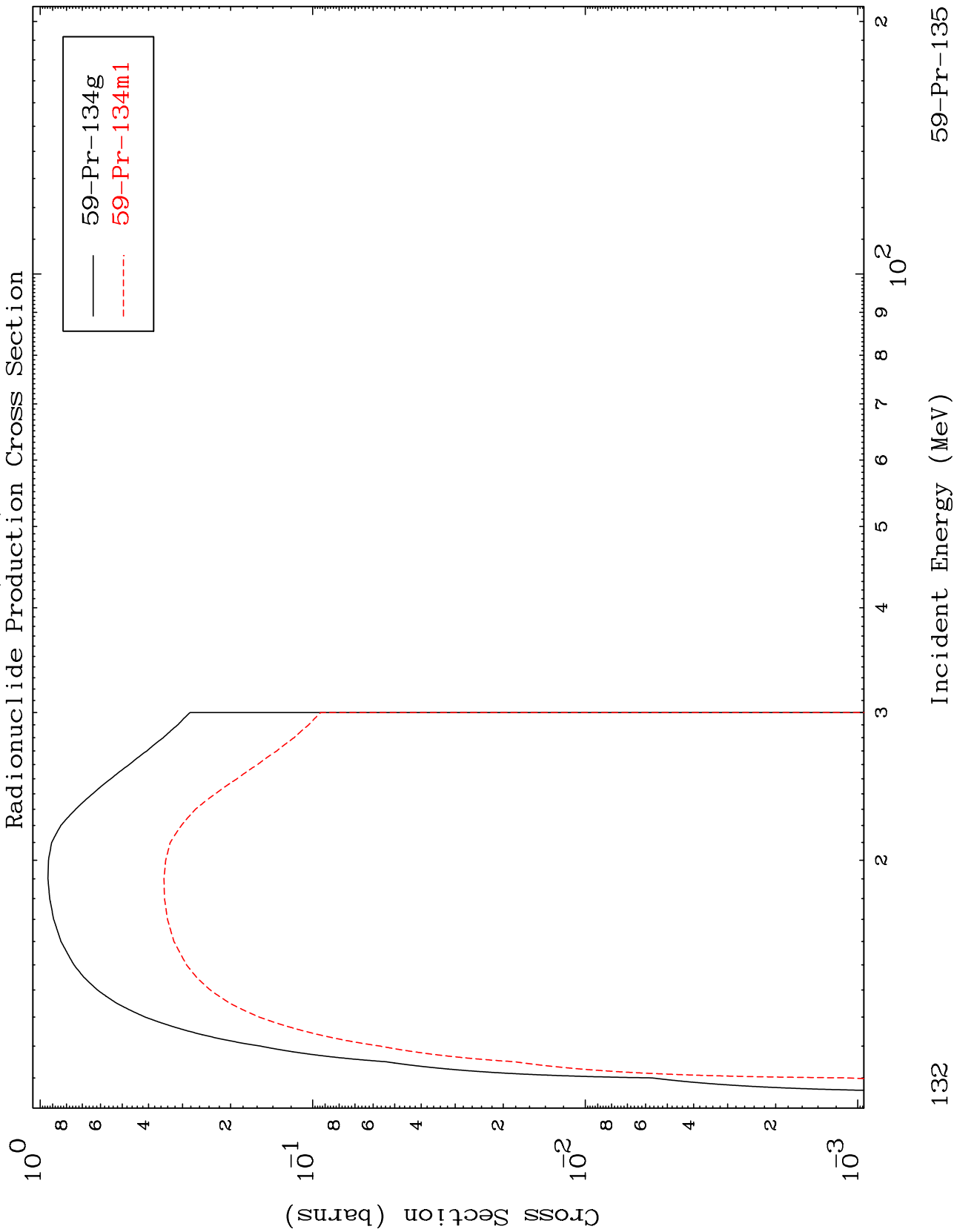
Incident Energy (MeV)

59-Pr-135

MAT 5907

59-Pr-135

(n,2n)



132

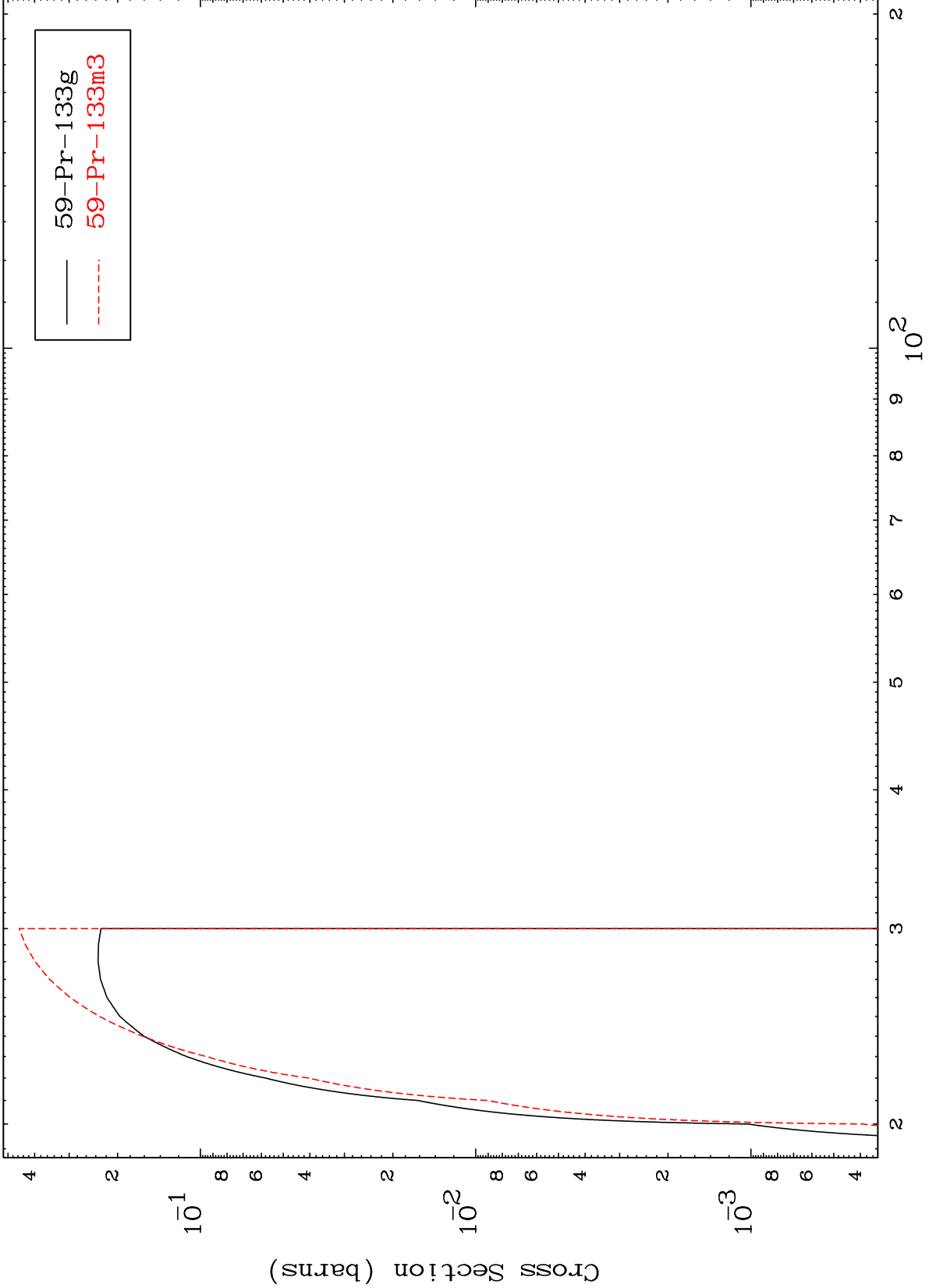
59-Pr-135

MAT 5907

(n,3n)

59-Pr-135

Radionuclide Production Cross Section



133

Incident Energy (MeV)

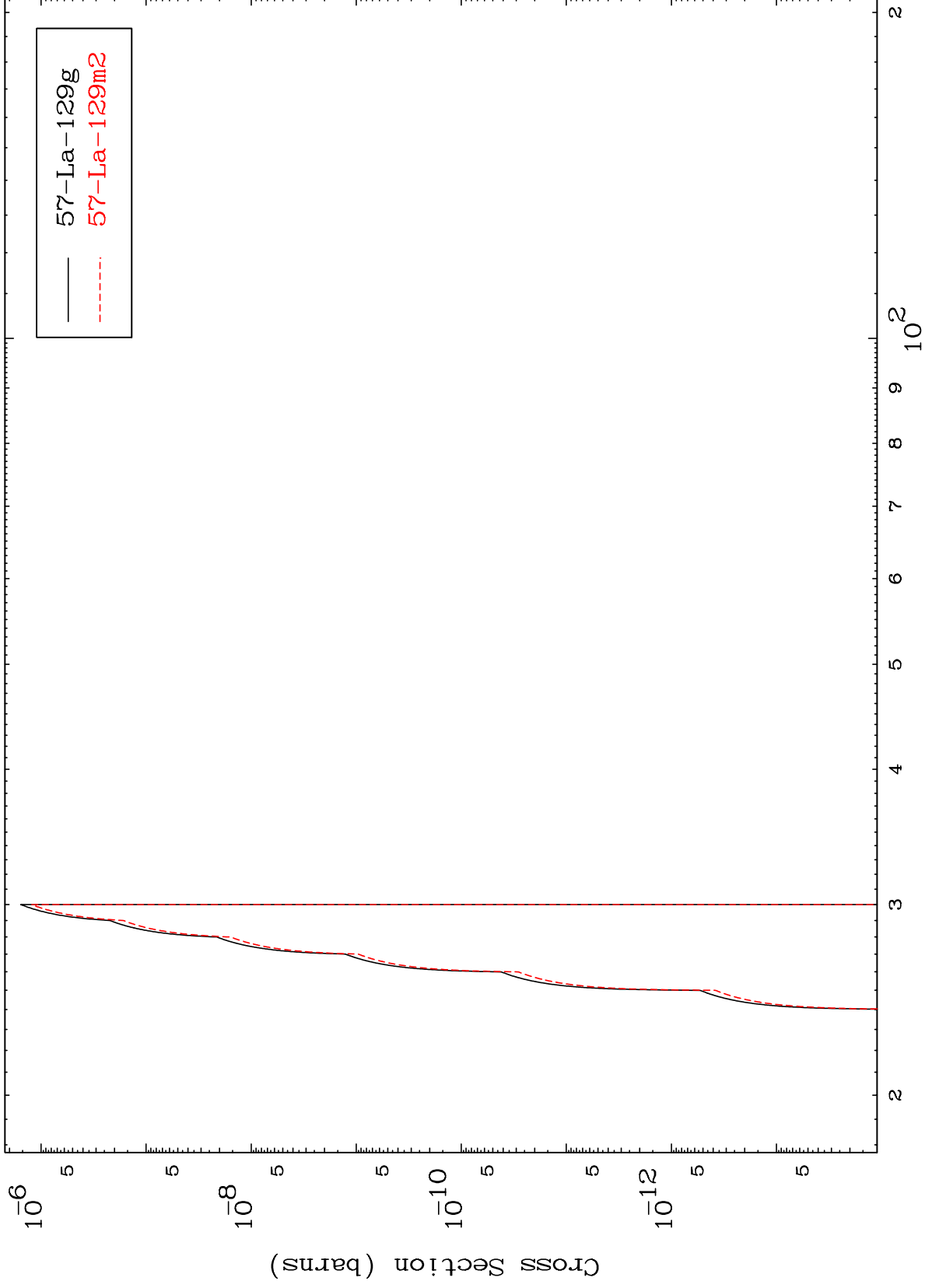
59-Pr-135

MAT 5907

(n,3n) α

59-Pr-135

Radionuclide Production Cross Section



134

Incident Energy (MeV)

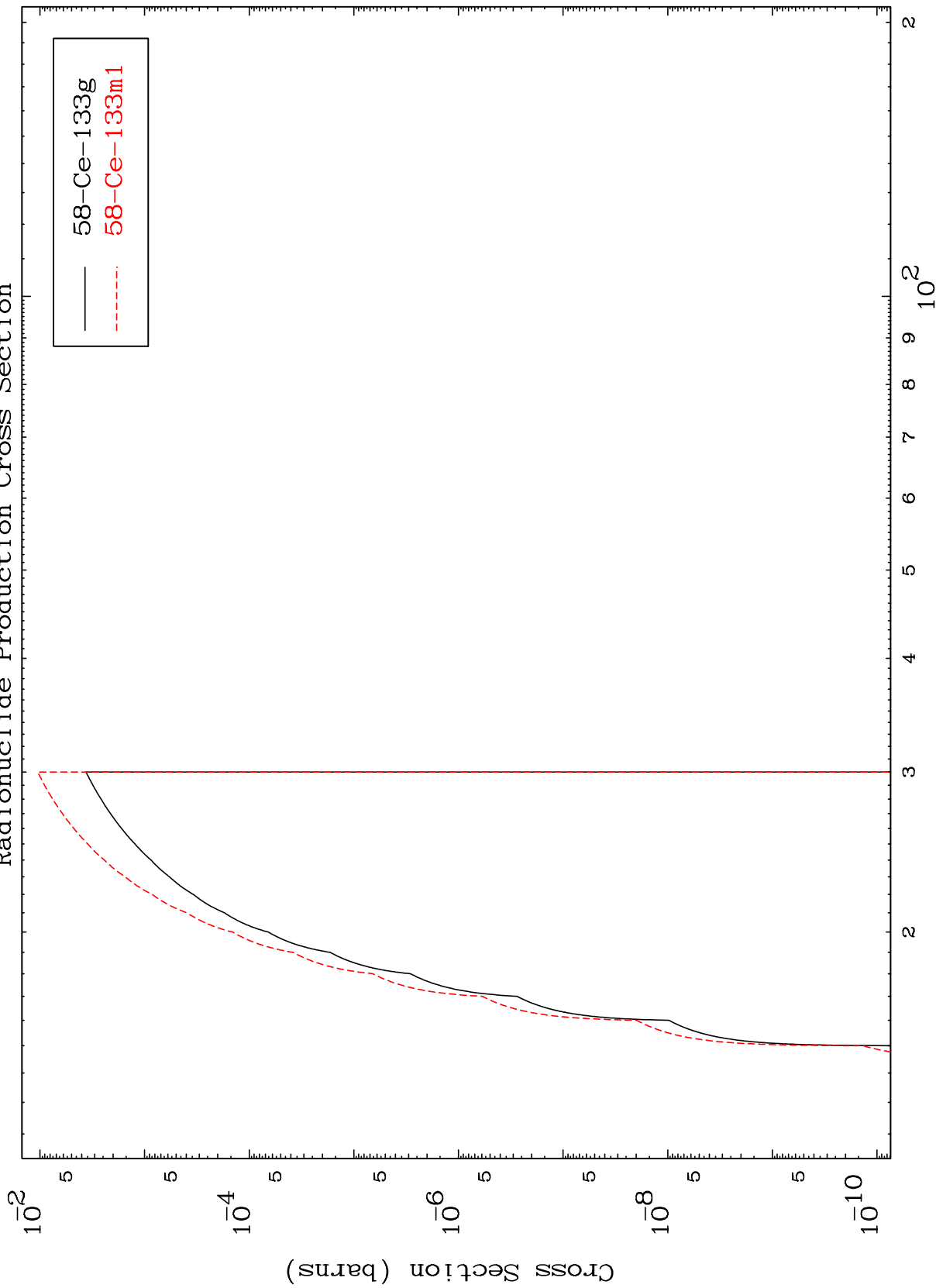
59-Pr-135

MAT 5907

(n,n') d

59-Pr-135

Radionuclide Production Cross Section

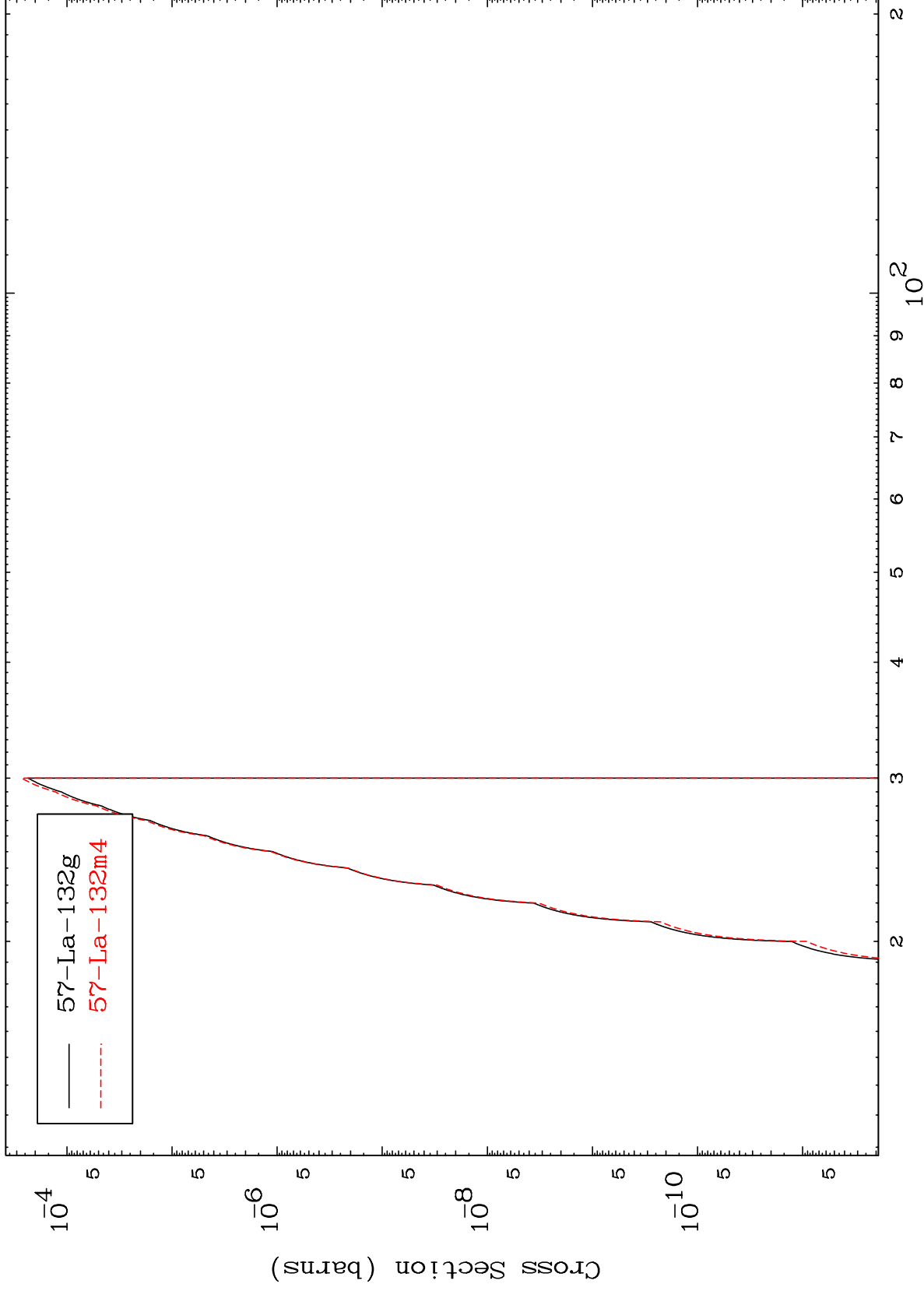


135

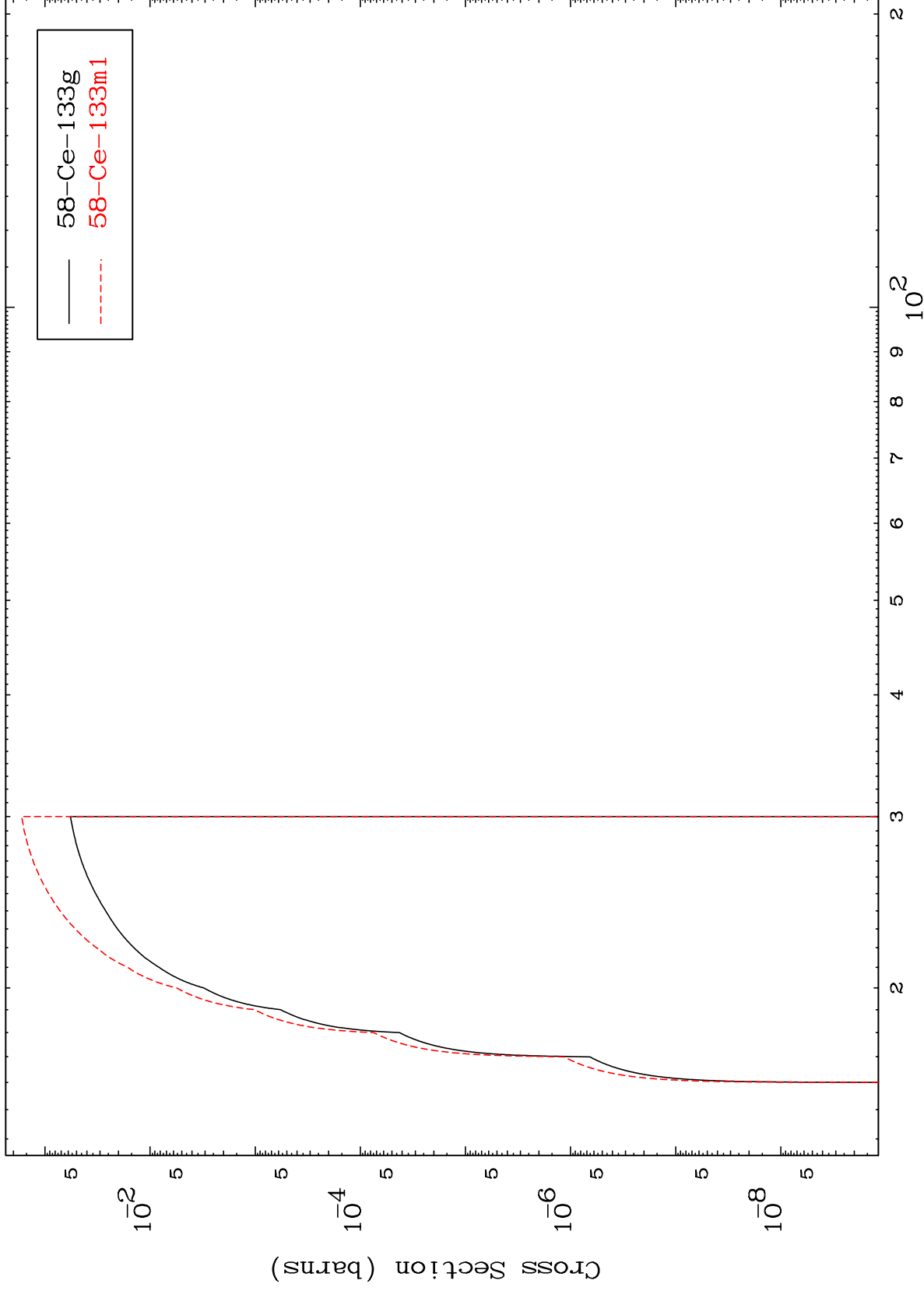
Incident Energy (MeV)

59-Pr-135

Radionuclide Production Cross Section



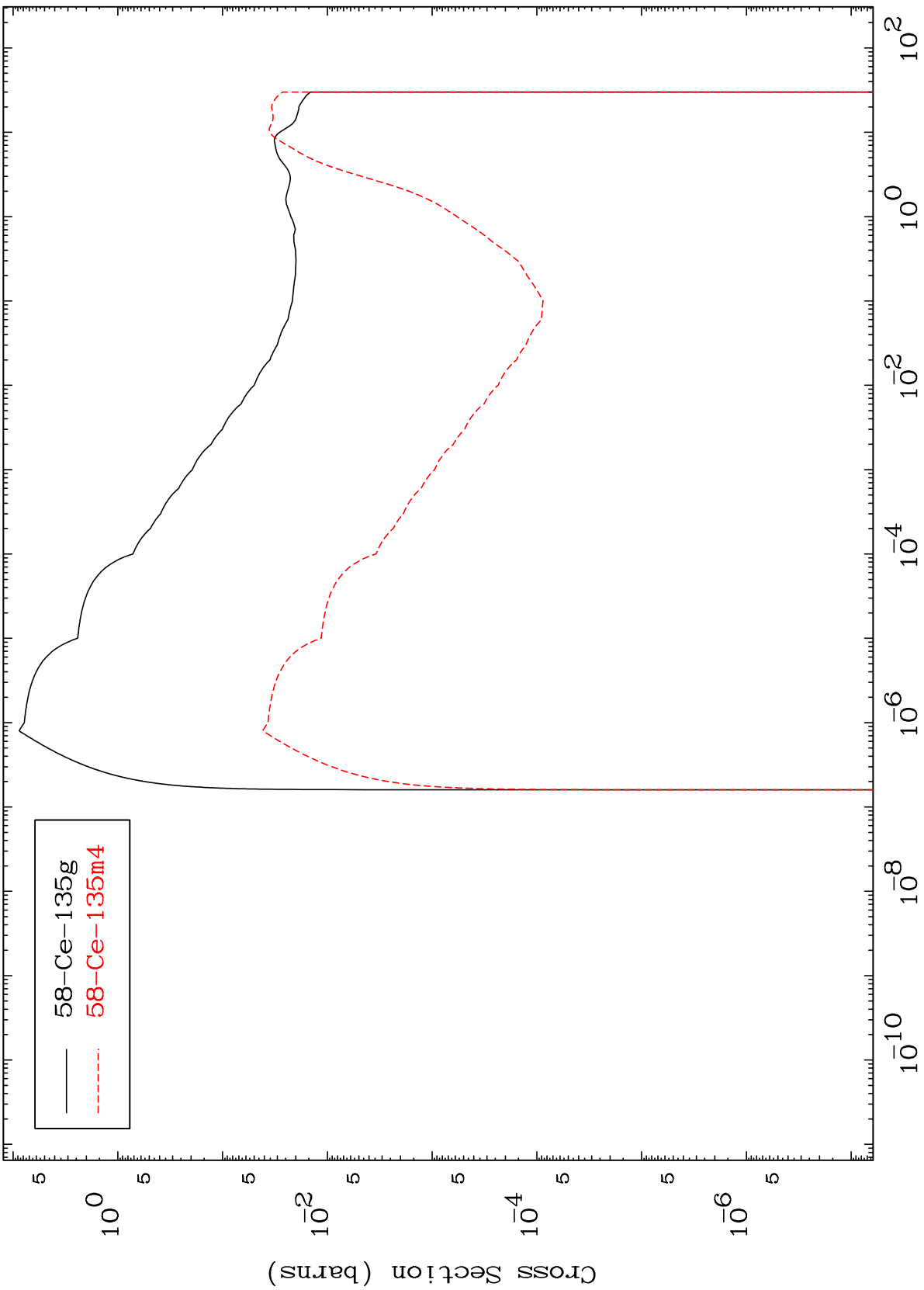
Radionuclide Production Cross Section



MAT 5907

59-Pr-135

Radionuclide Production Cross Section (n,p)



58-Ce-135g
58-Ce-135m4

59-Pr-135

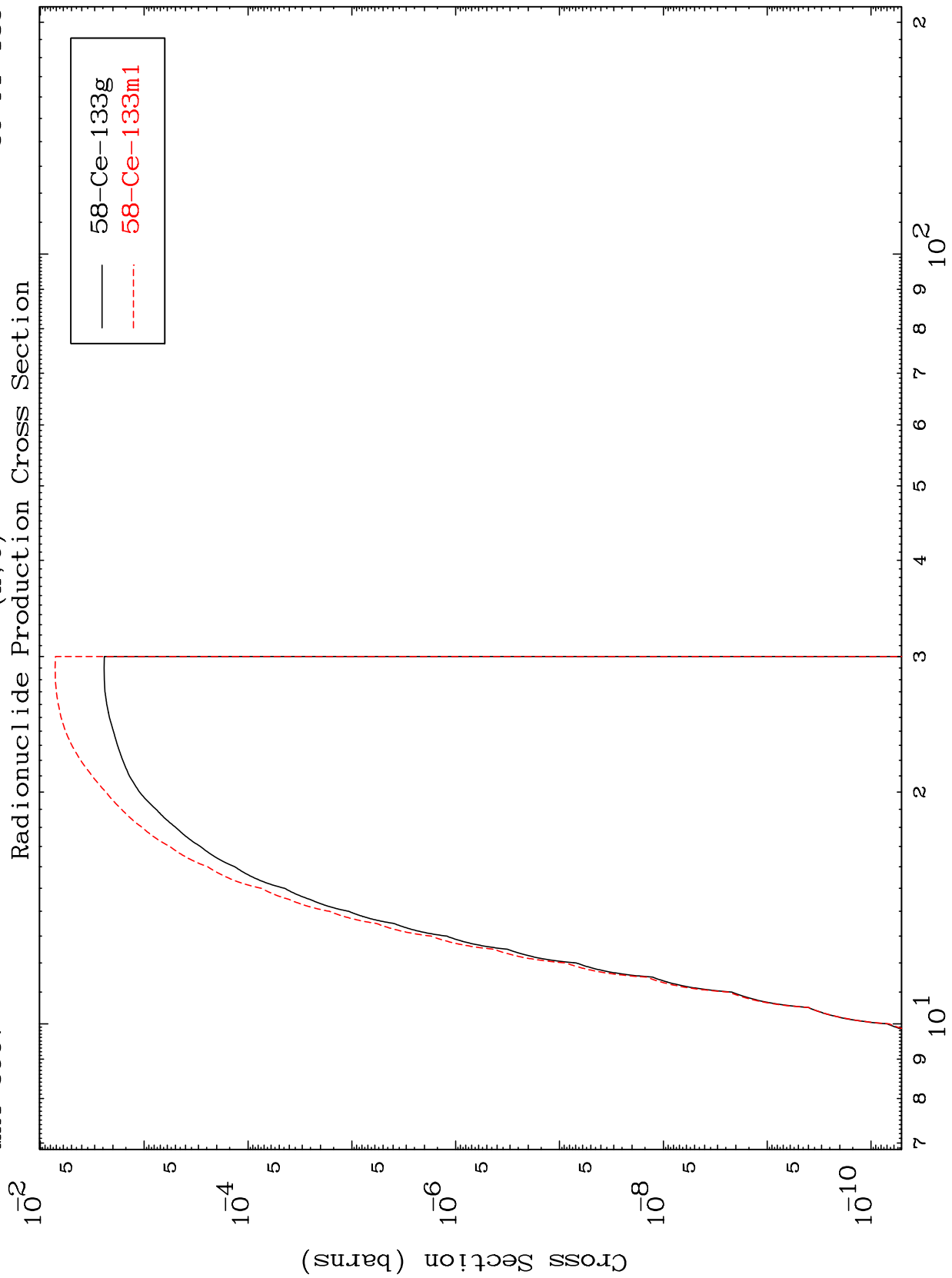
Incident Energy (MeV)

138

MAT 5907

59-Pr-135

(n, t)
Radionuclide Production Cross Section



139

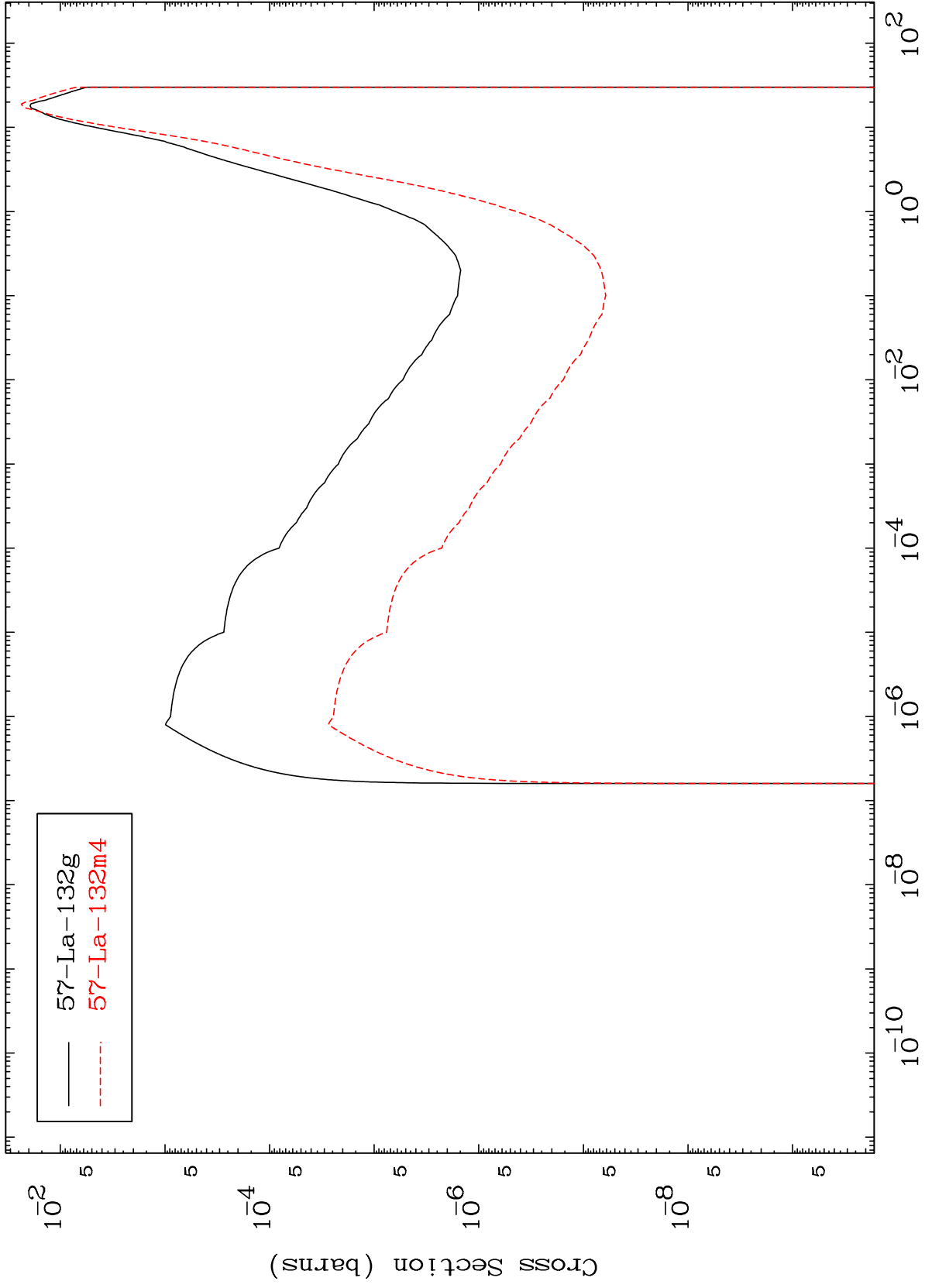
Incident Energy (MeV)

59-Pr-135

MAT 5907

59-Pr-135

(n, α)
Radionuclide Production Cross Section



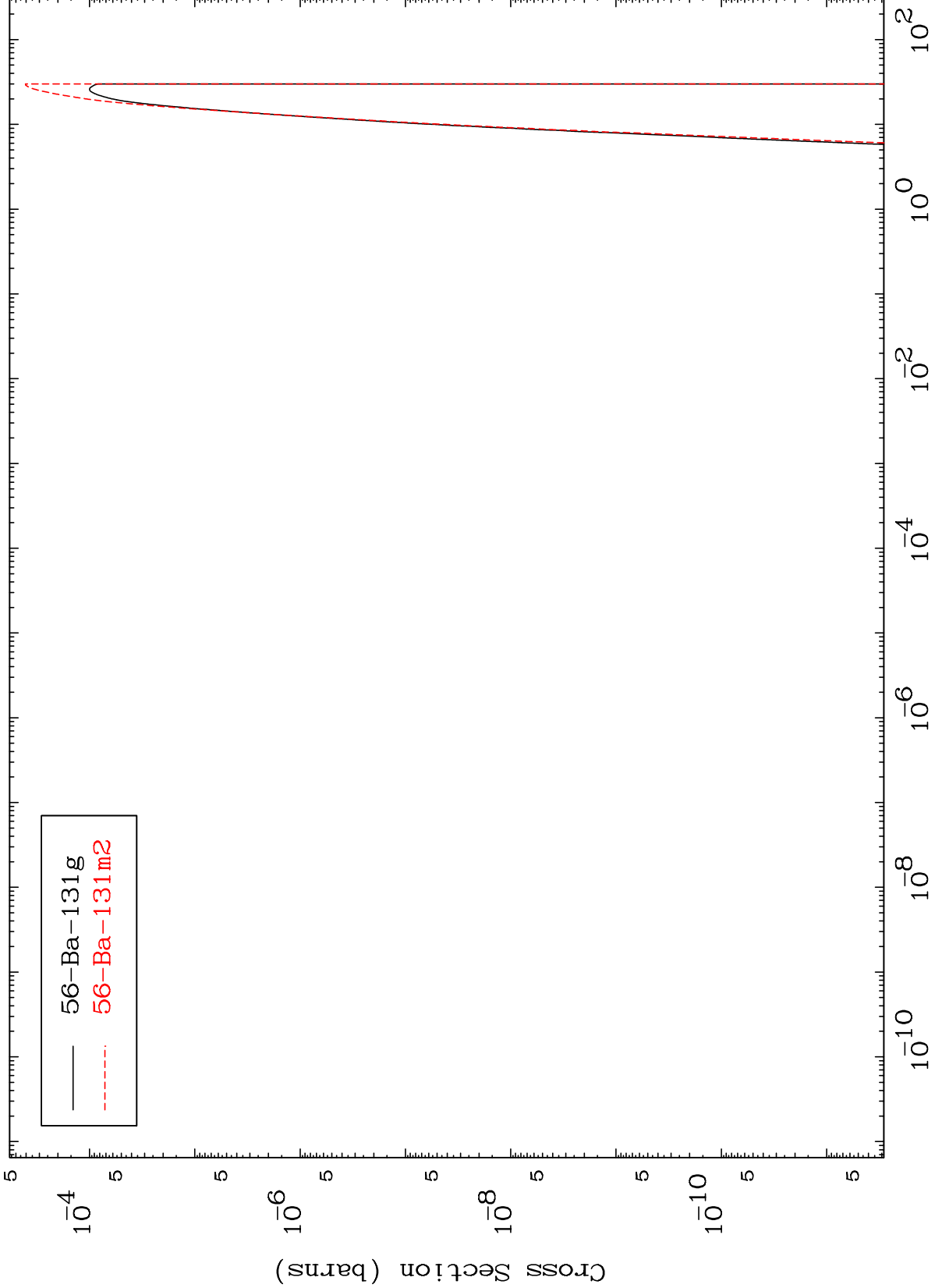
— 57-La-132g
- - - 57-La-132m4

MAT 5907

(n,p) α

59-Pr-135

Radionuclide Production Cross Section



— 56-Ba-131g
- - - 56-Ba-131m2

141

Incident Energy (MeV)

59-Pr-135

Radionuclide Production Cross Section

