

Program EVALPLOT
(Version 2017-1)

by

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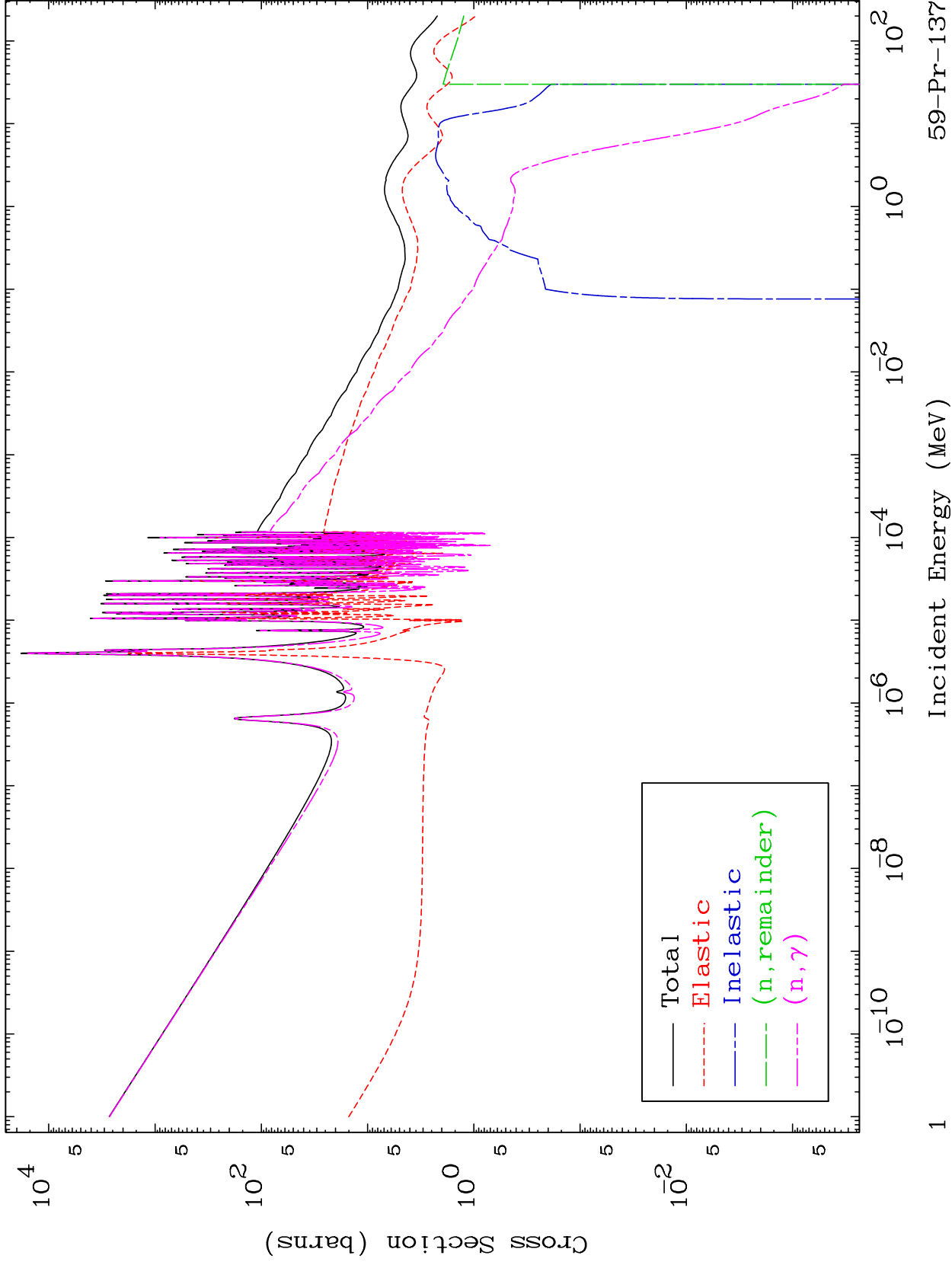
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5913

Major
293 Kelvin Cross Sections

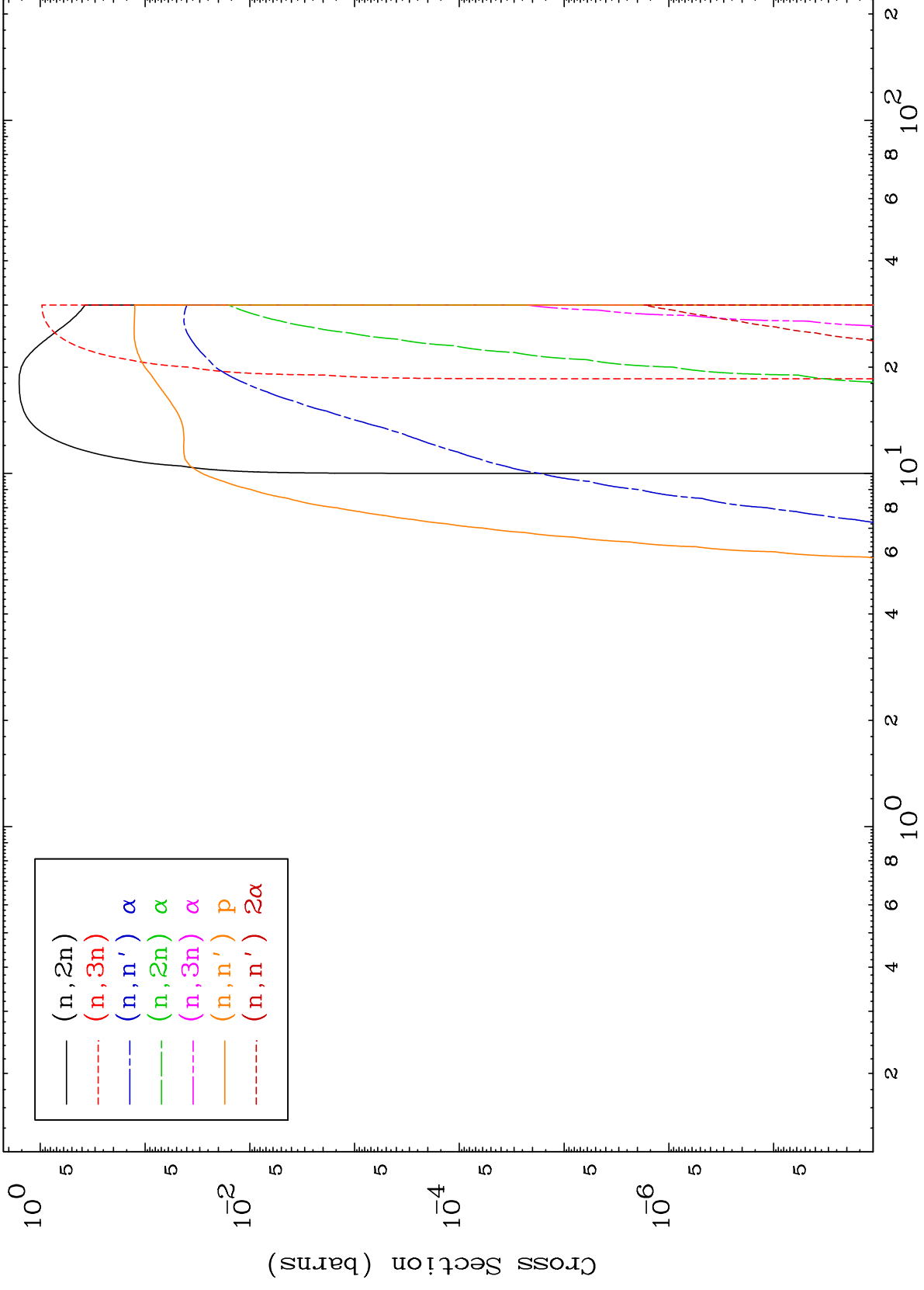
59-Pr-137

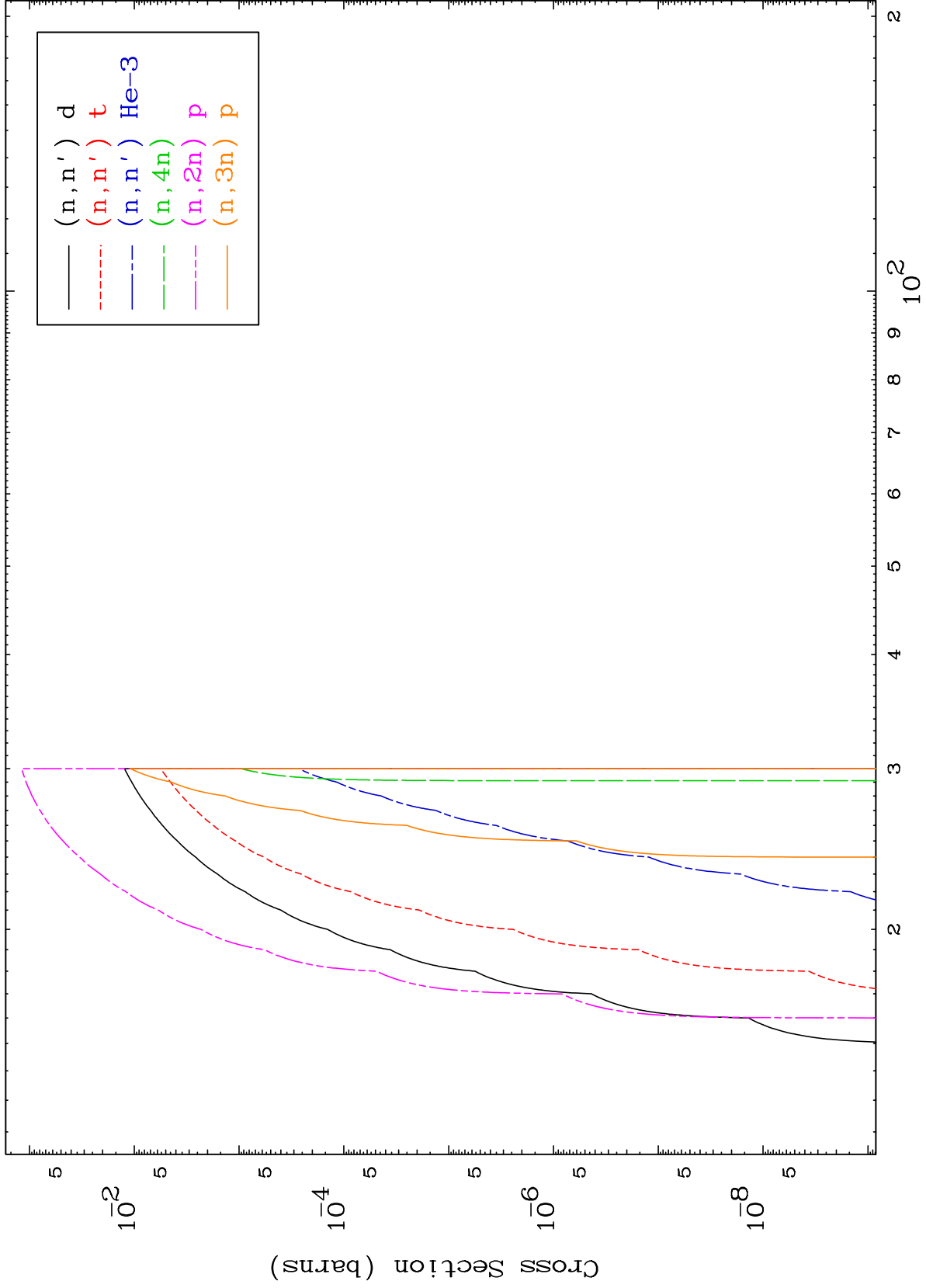


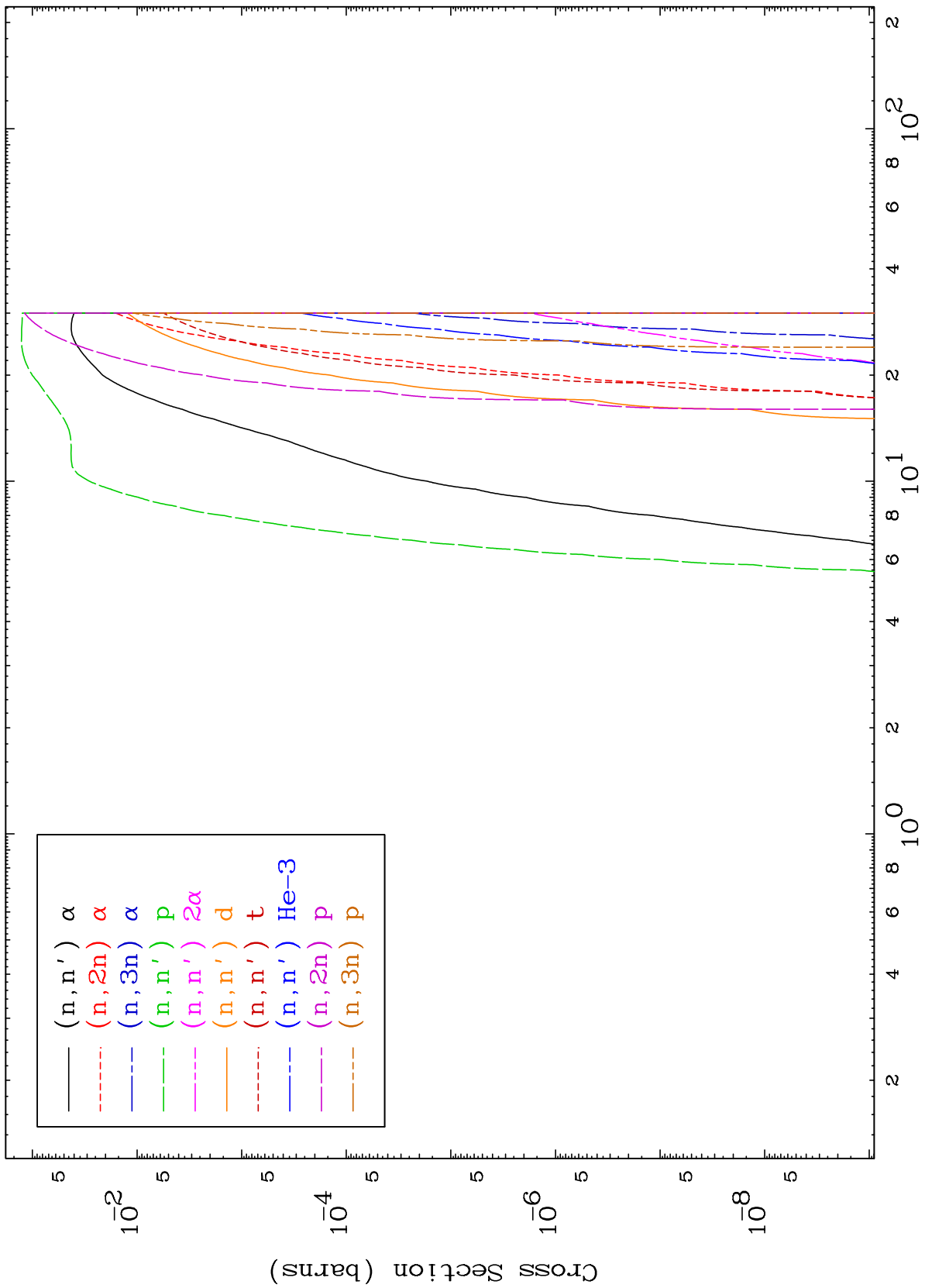
MAT 5913

Neutron Production
293 Kelvin Cross Sections

59-Pr-137



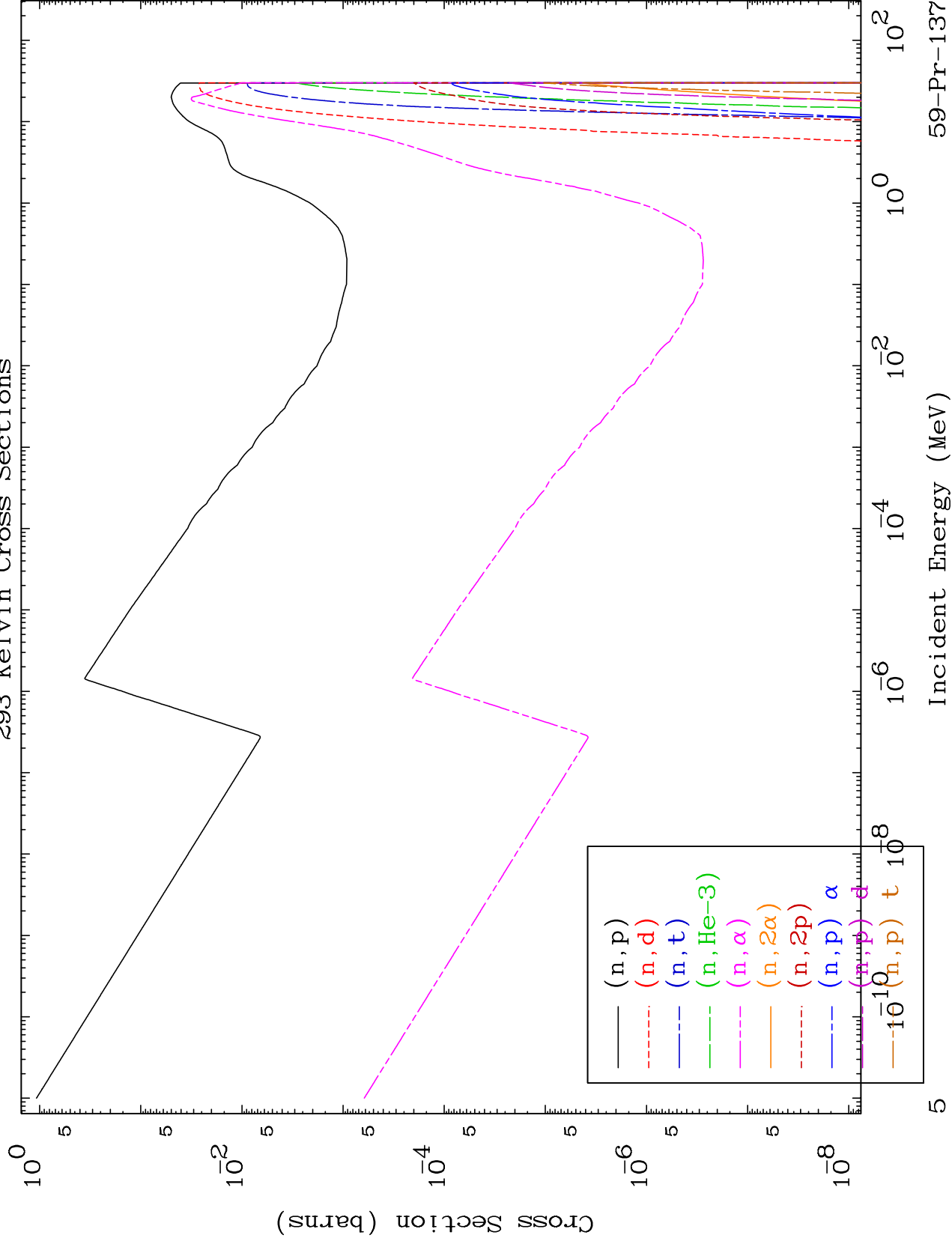




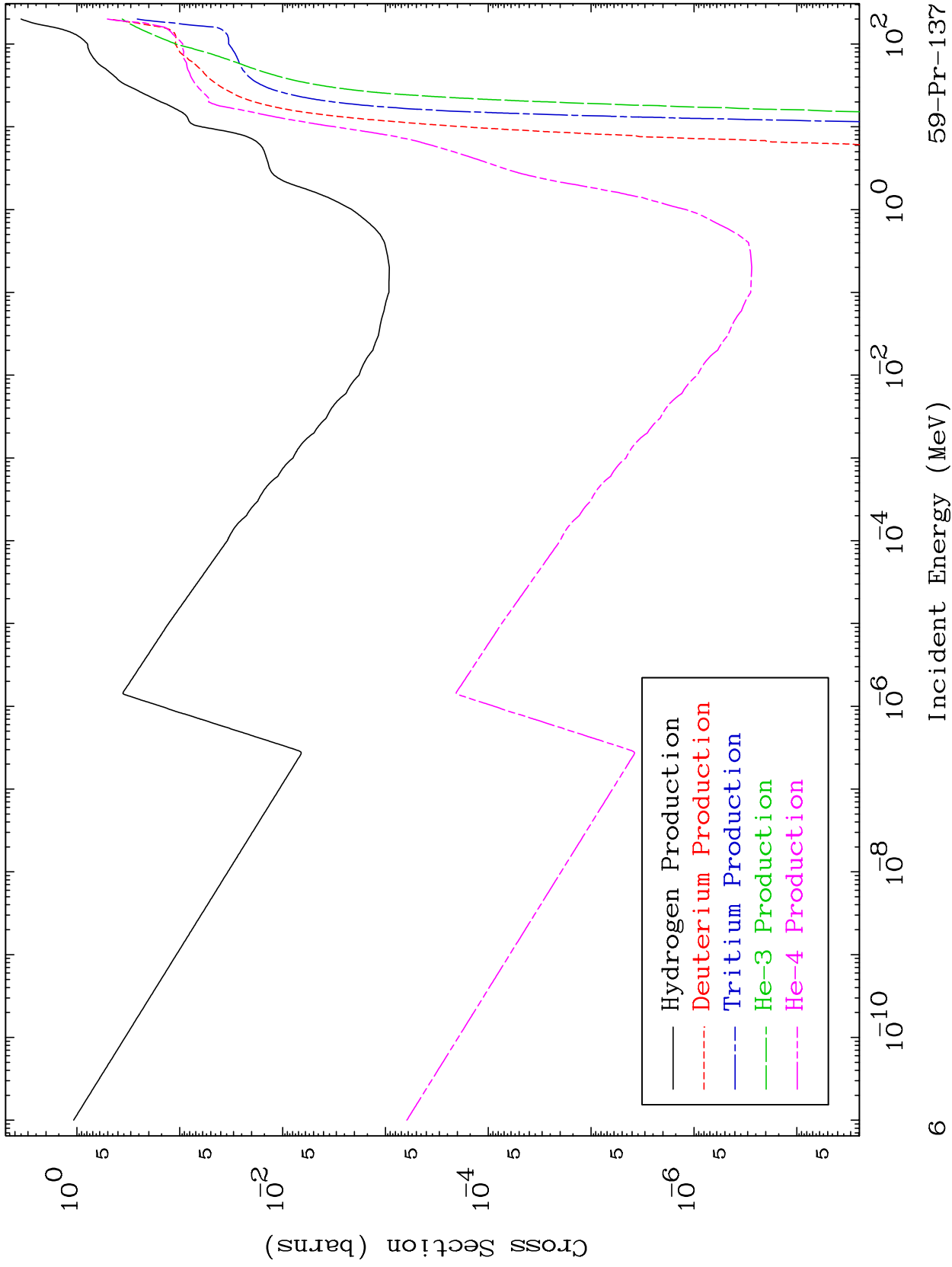
MAT 5913

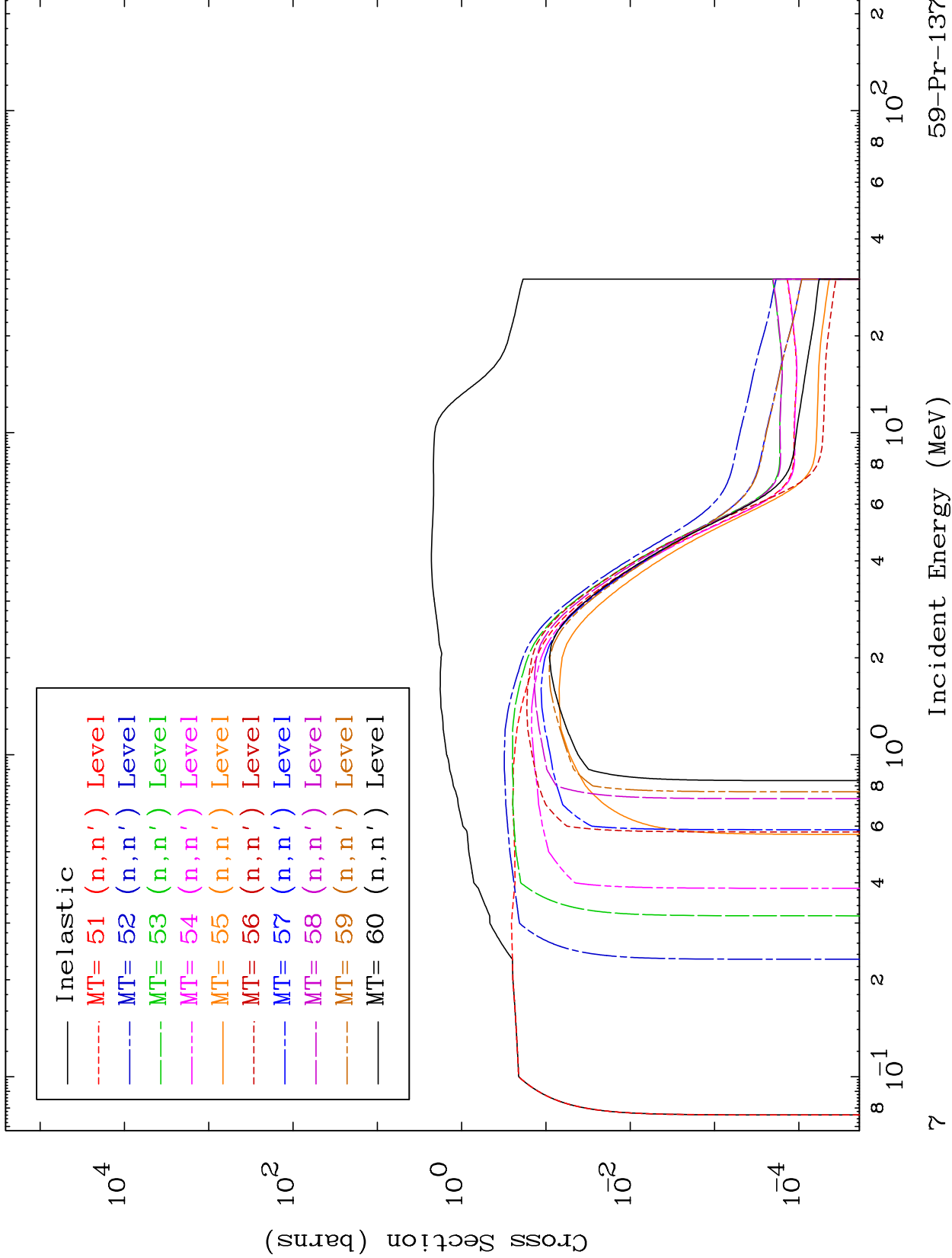
Charged Particle
293 Kelvin Cross Sections

59-Pr-137



5



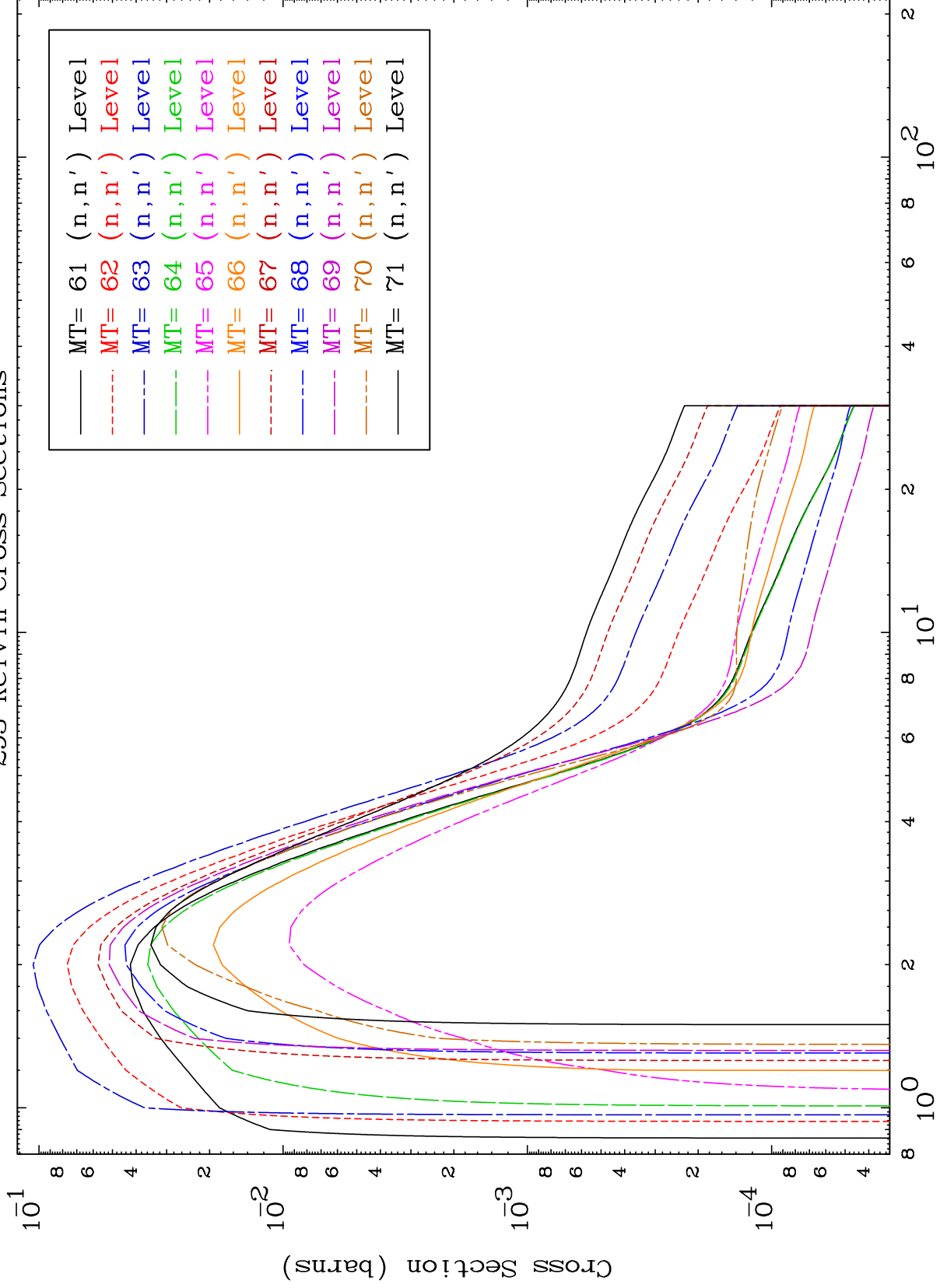


MAT 5913

(n,n') Level

59-Pr-137

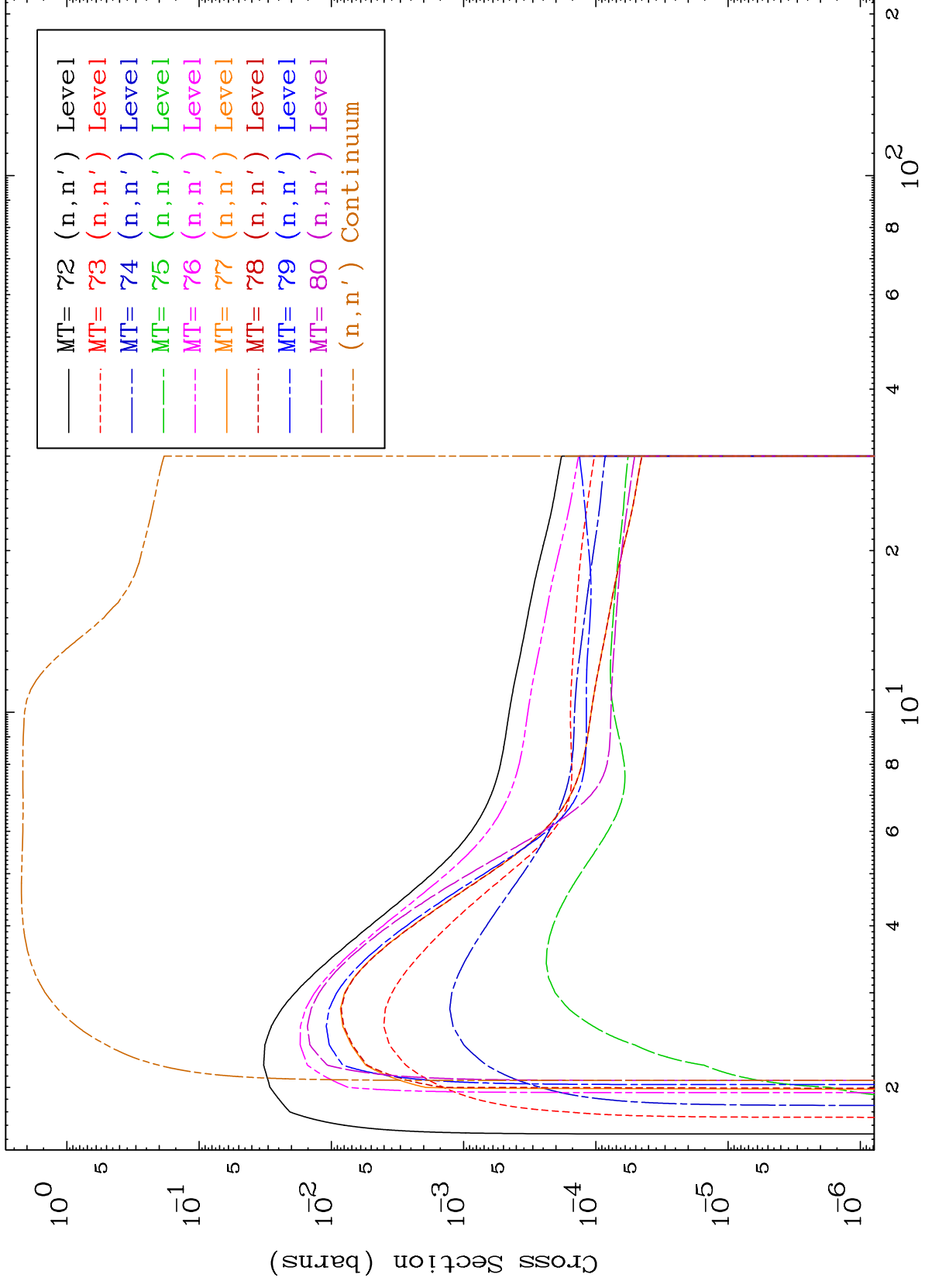
293 Kelvin Cross Sections



Incident Energy (MeV)

59-Pr-137

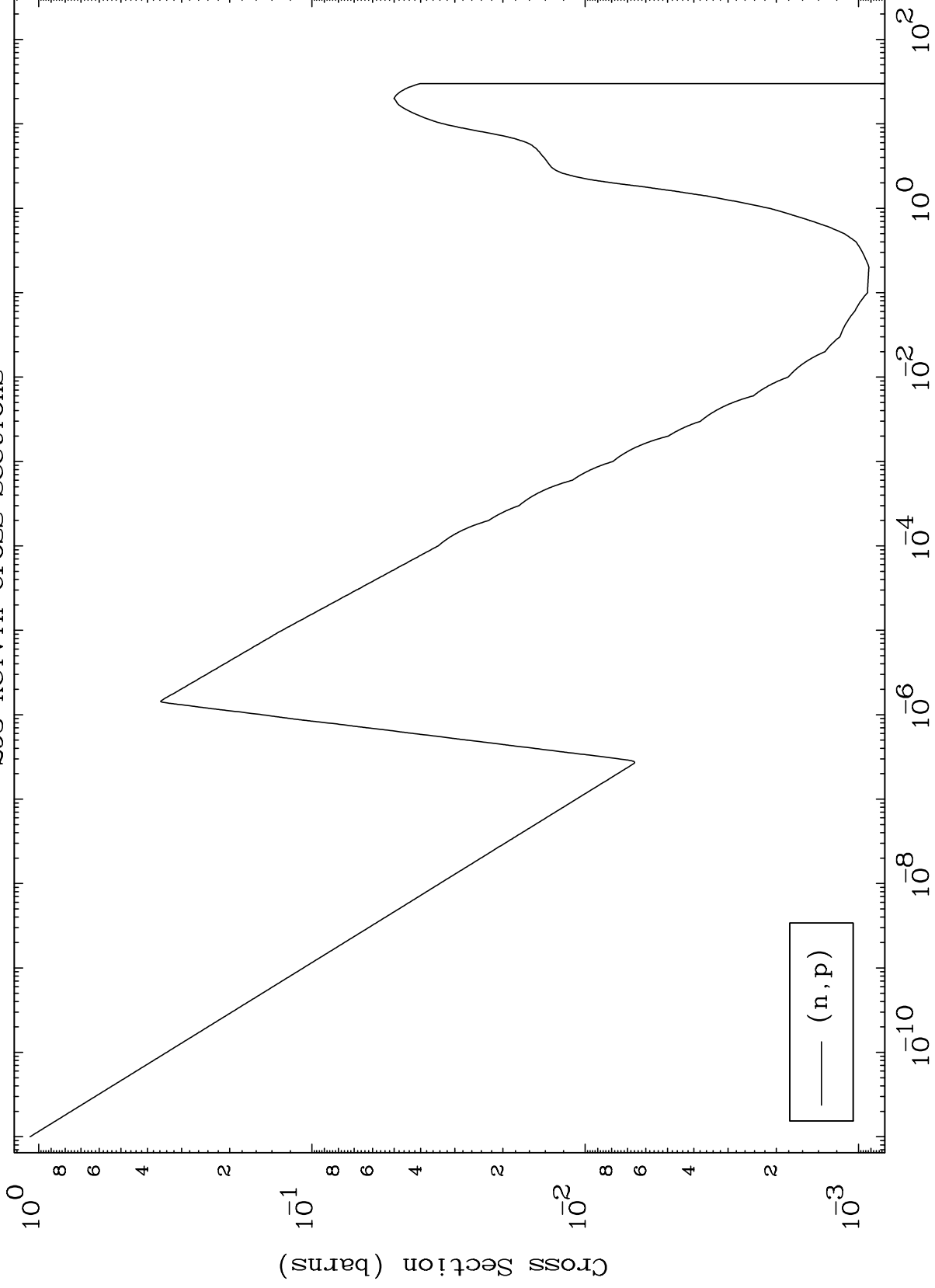
293 Kelvin Cross Sections



MAT 5913

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-137



10

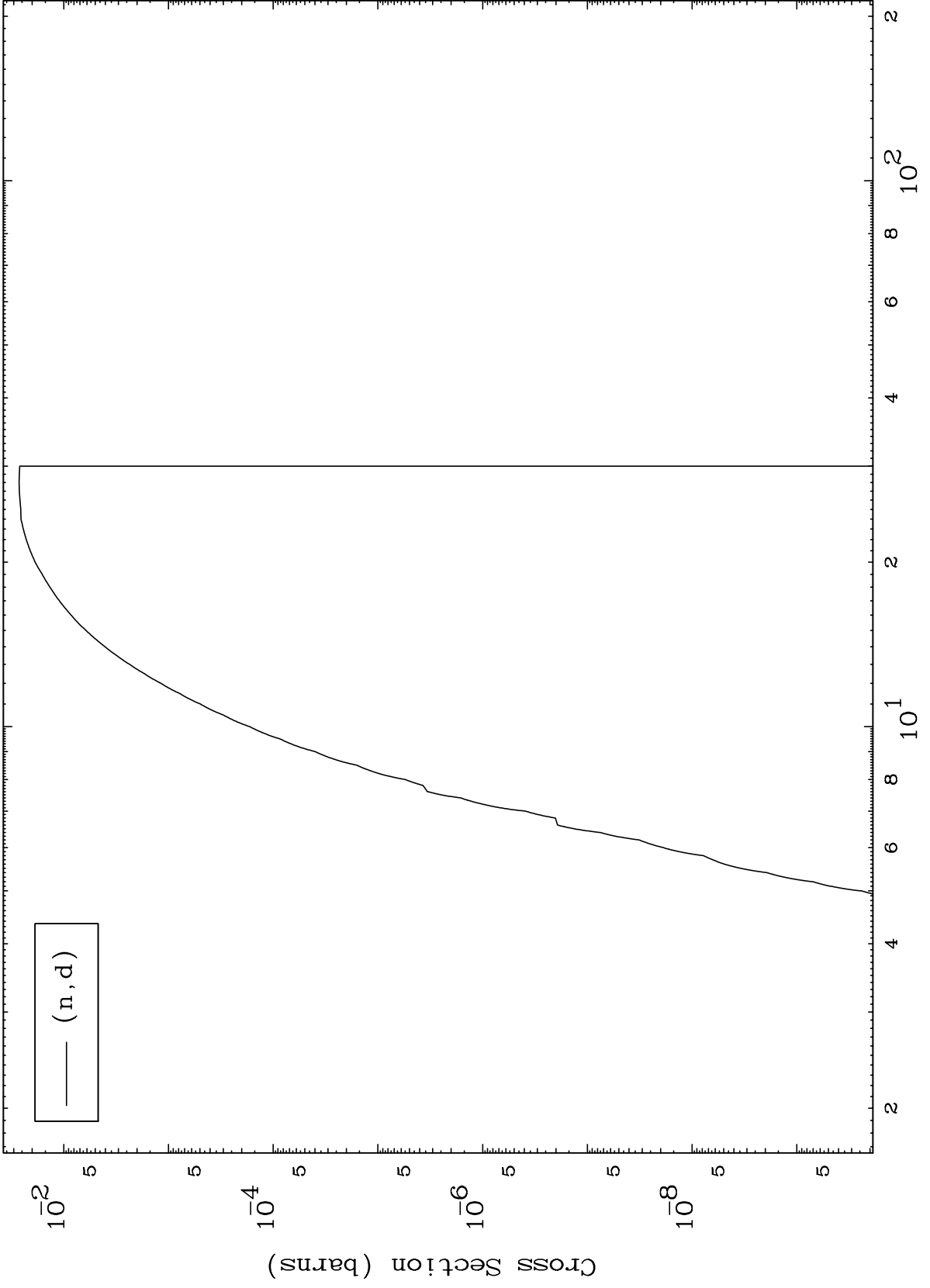
Incident Energy (MeV)

59-Pr-137

MAT 5913

(n,d) Levels
293 Kelvin Cross Sections

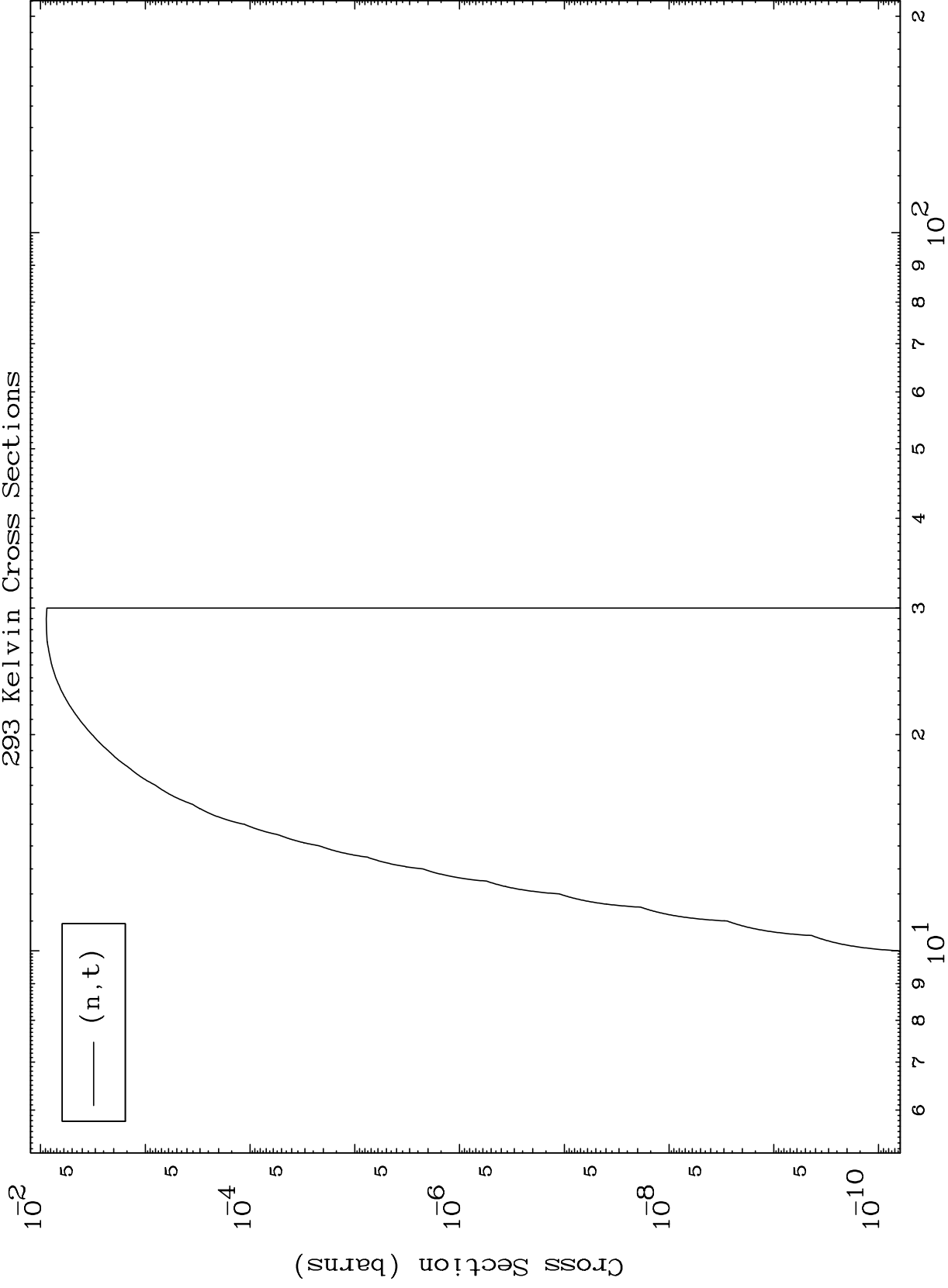
59-Pr-137



MAT 5913

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-137



12

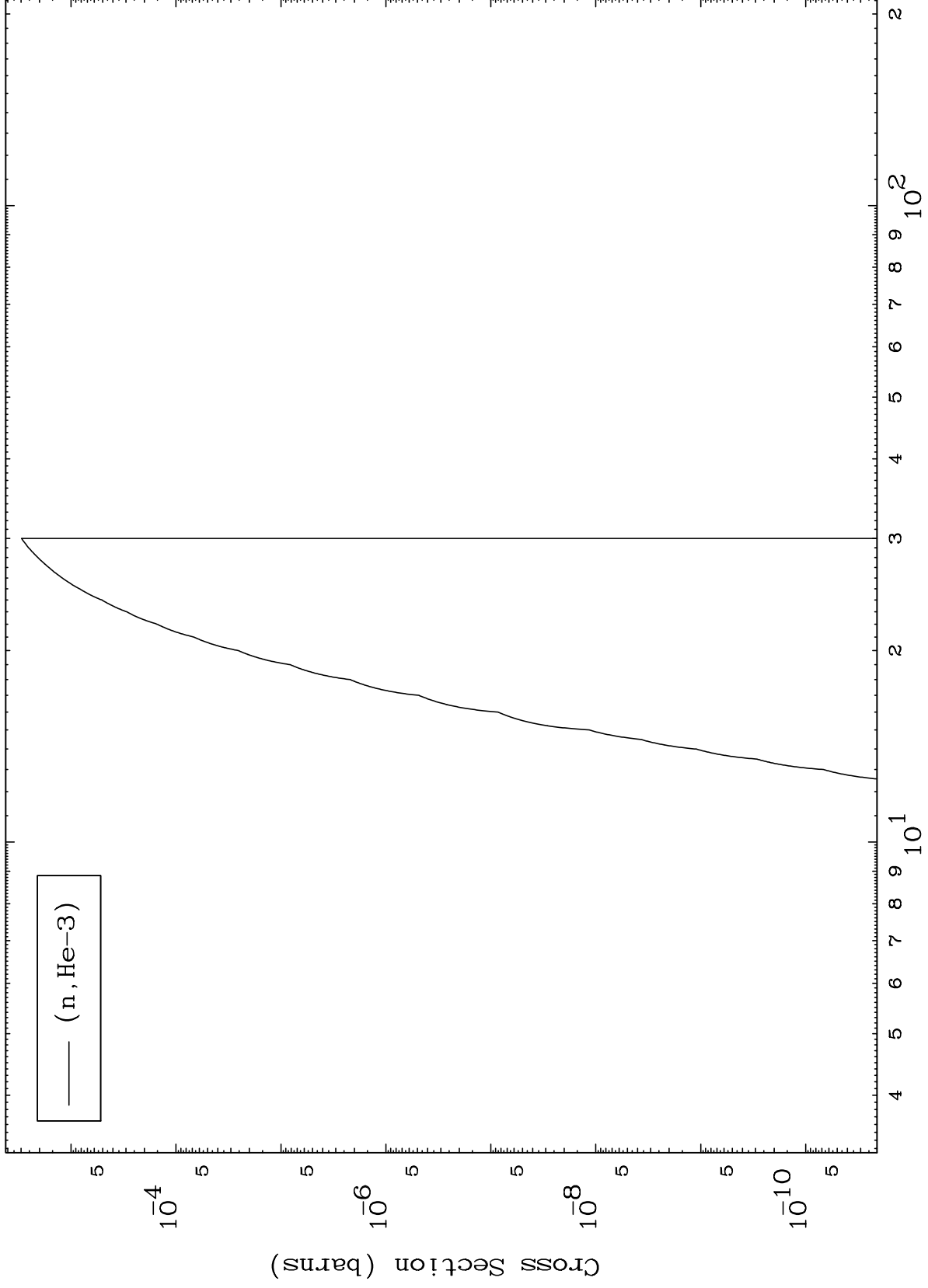
Incident Energy (MeV)

59-Pr-137

MAT 5913

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-137



13

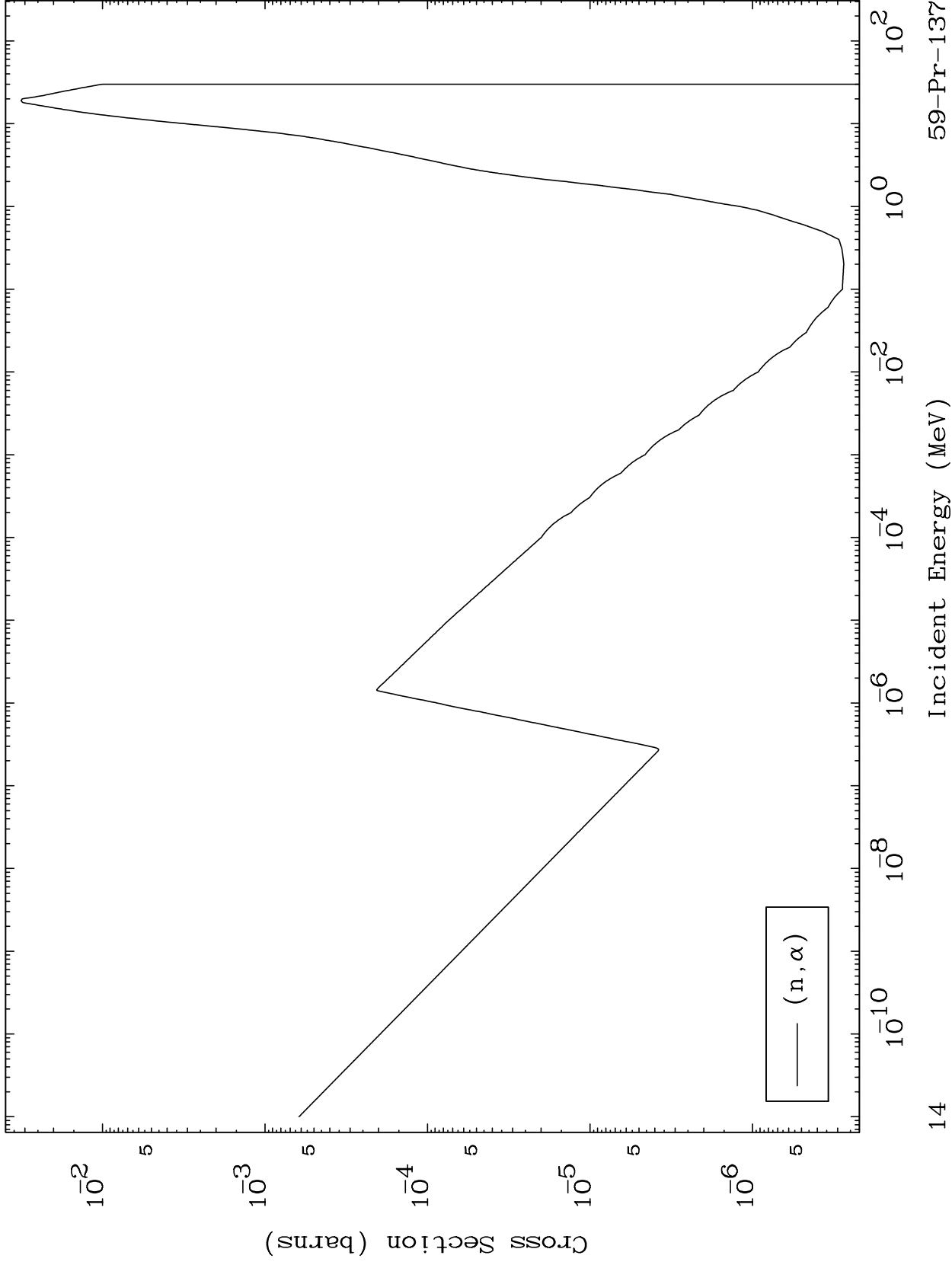
Incident Energy (MeV)

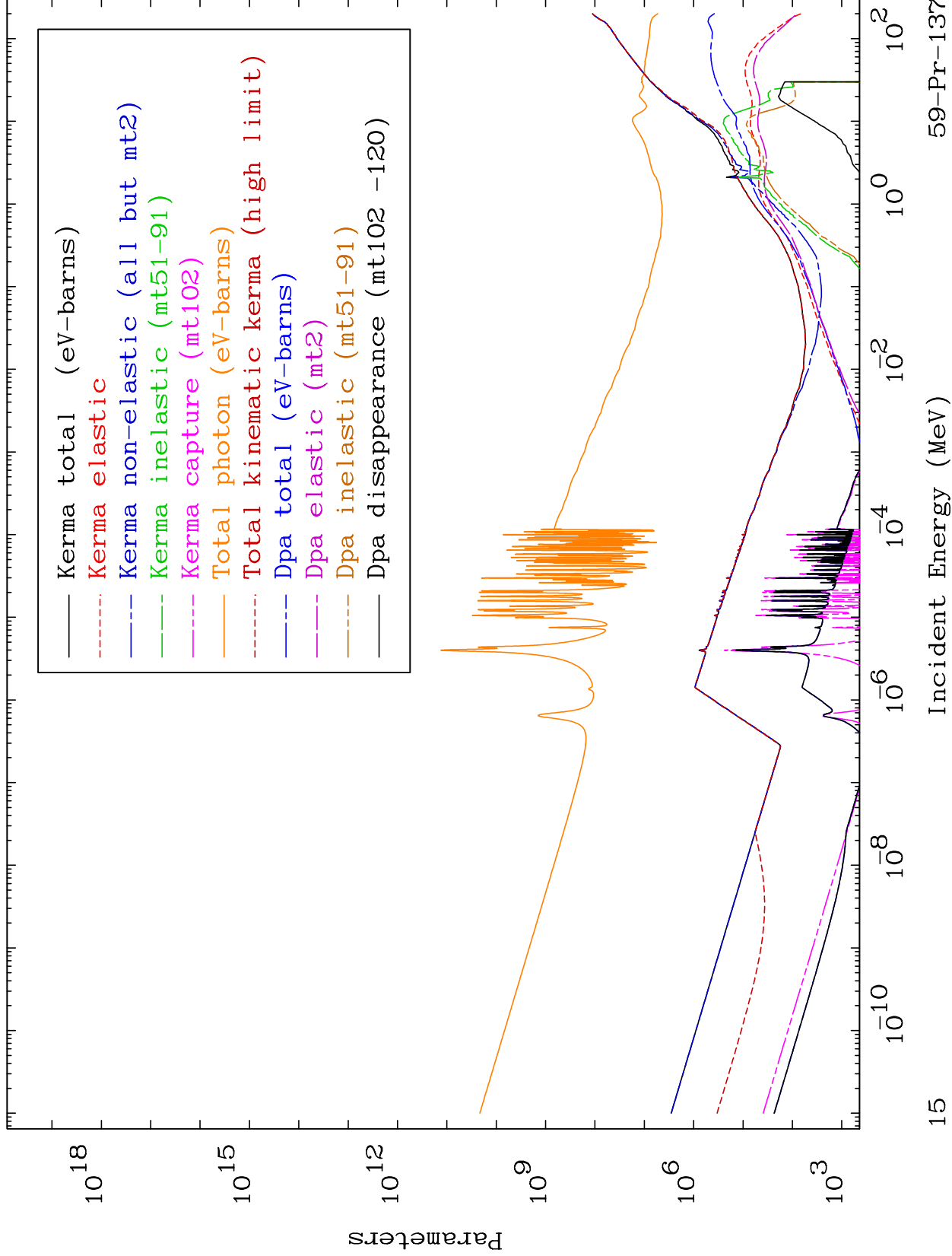
59-Pr-137

MAT 5913

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-137

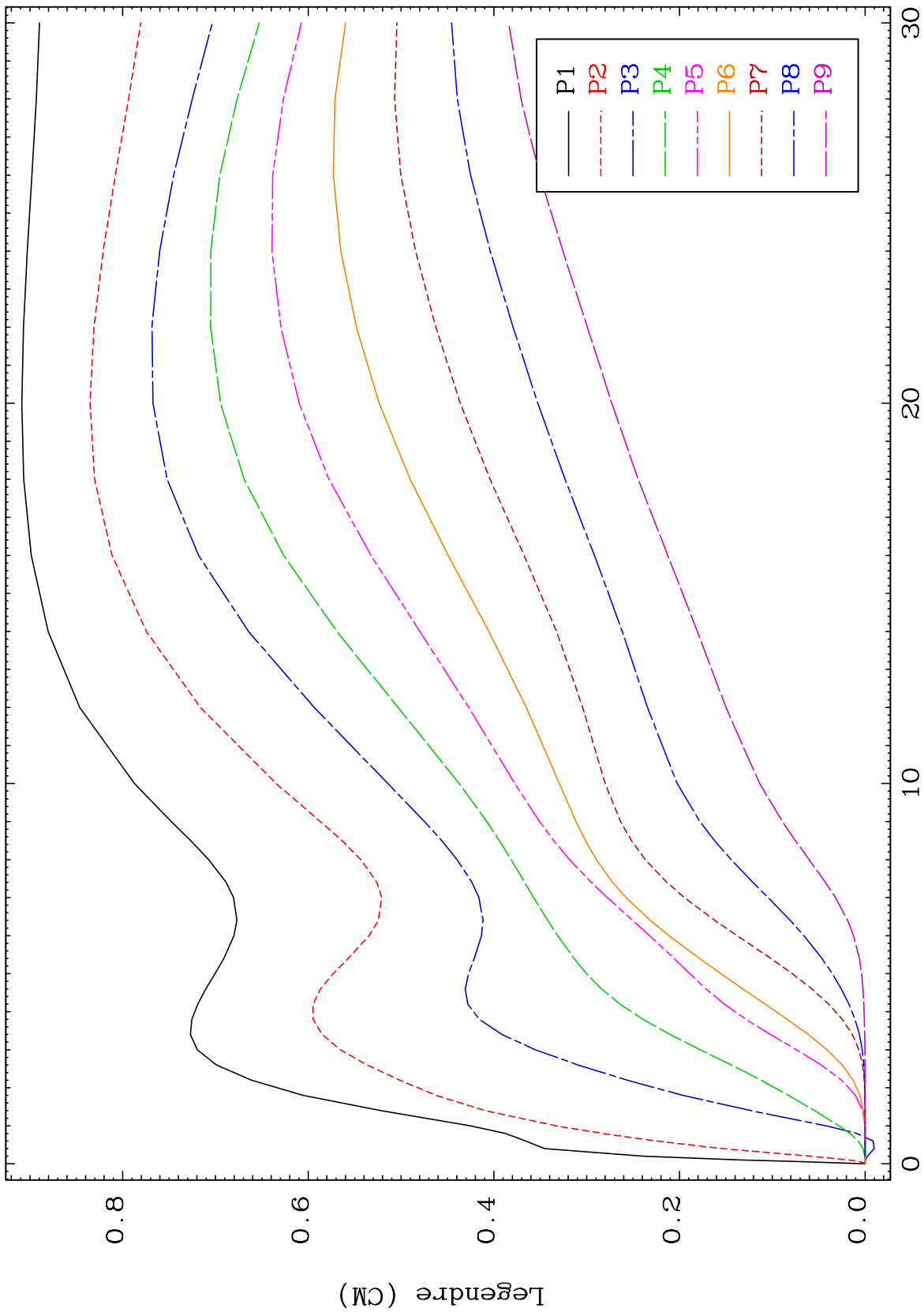




MAT 5913

Elastic Legendre Coefficients

59-Pr-137



16

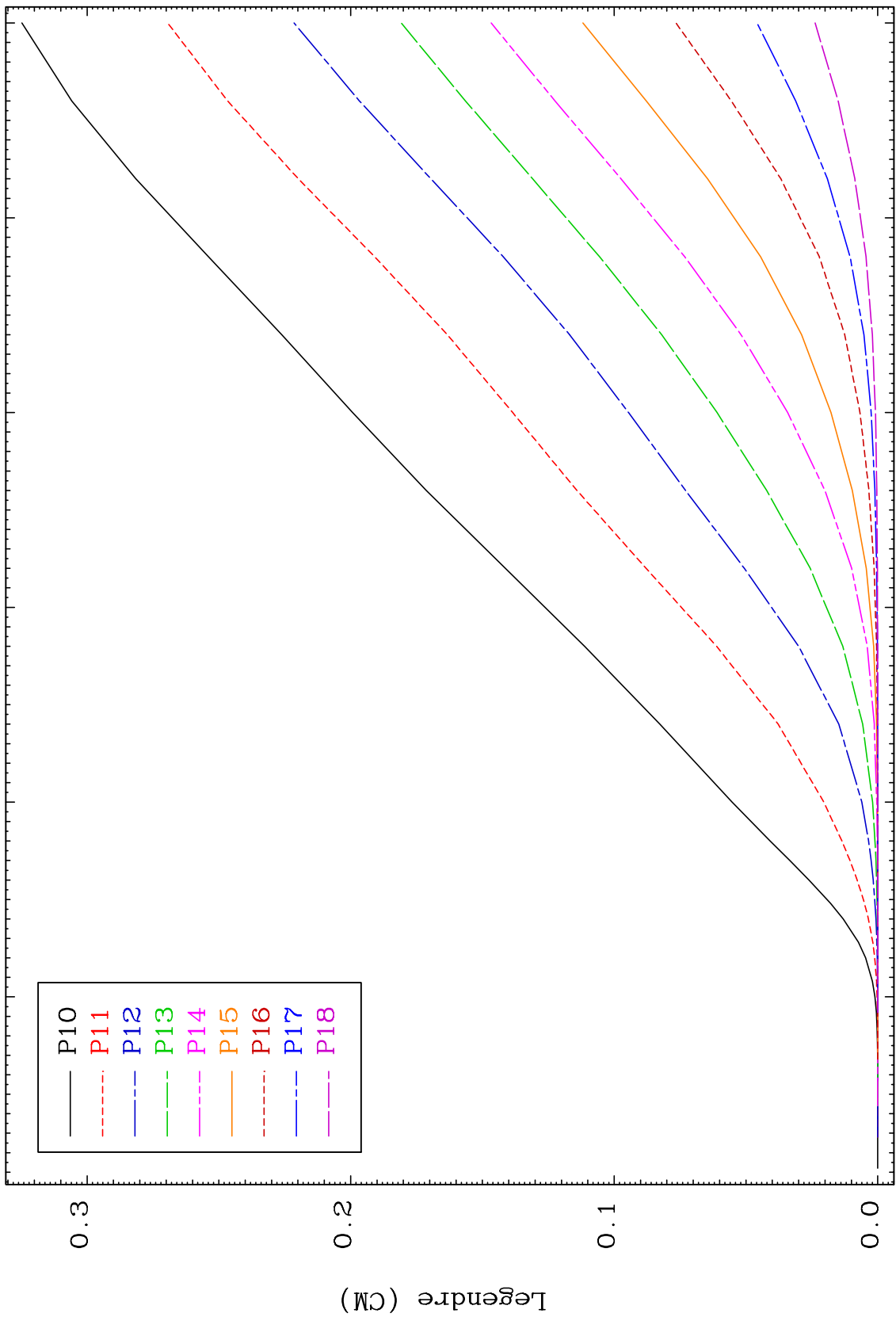
Incident Energy (MeV)

59-Pr-137

MAT 5913

Elastic Legendre Coefficients

59-Pr-137



17

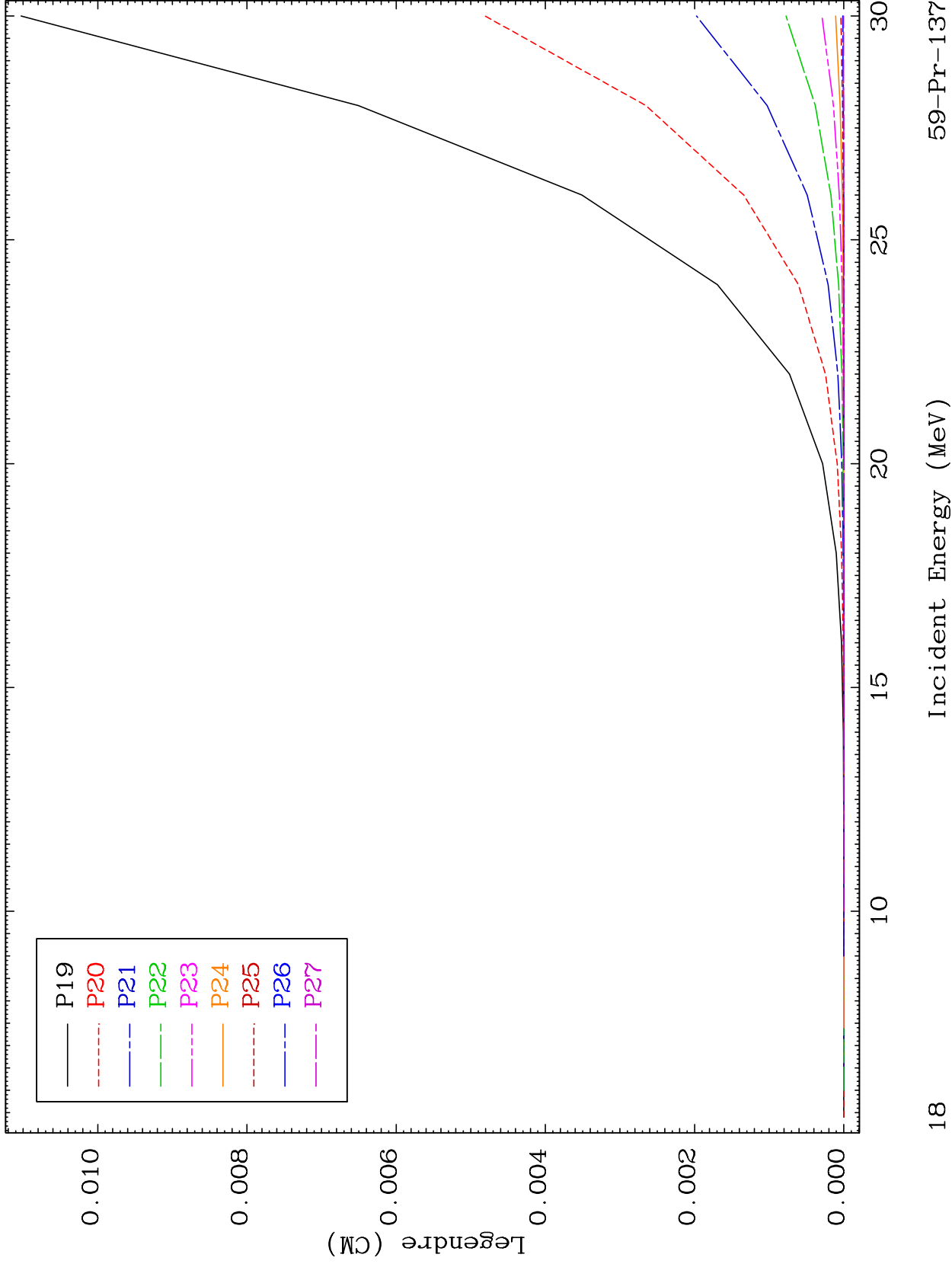
Incident Energy (MeV)

59-Pr-137

MAT 5913

Elastic Legendre Coefficients

59-Pr-137



18

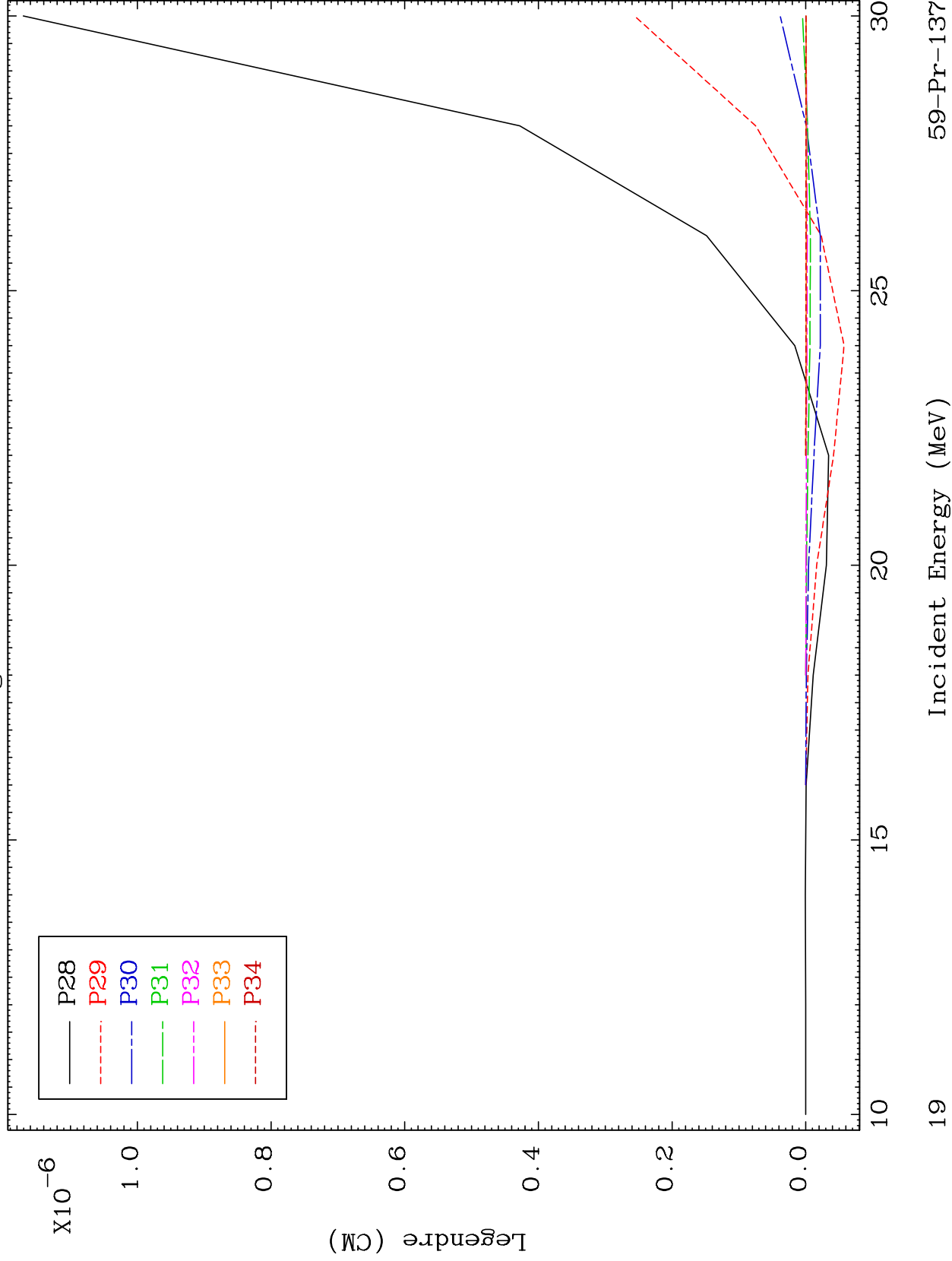
Incident Energy (MeV)

59-Pr-137

MAT 5913

Elastic Legendre Coefficients

59-Pr-137



19

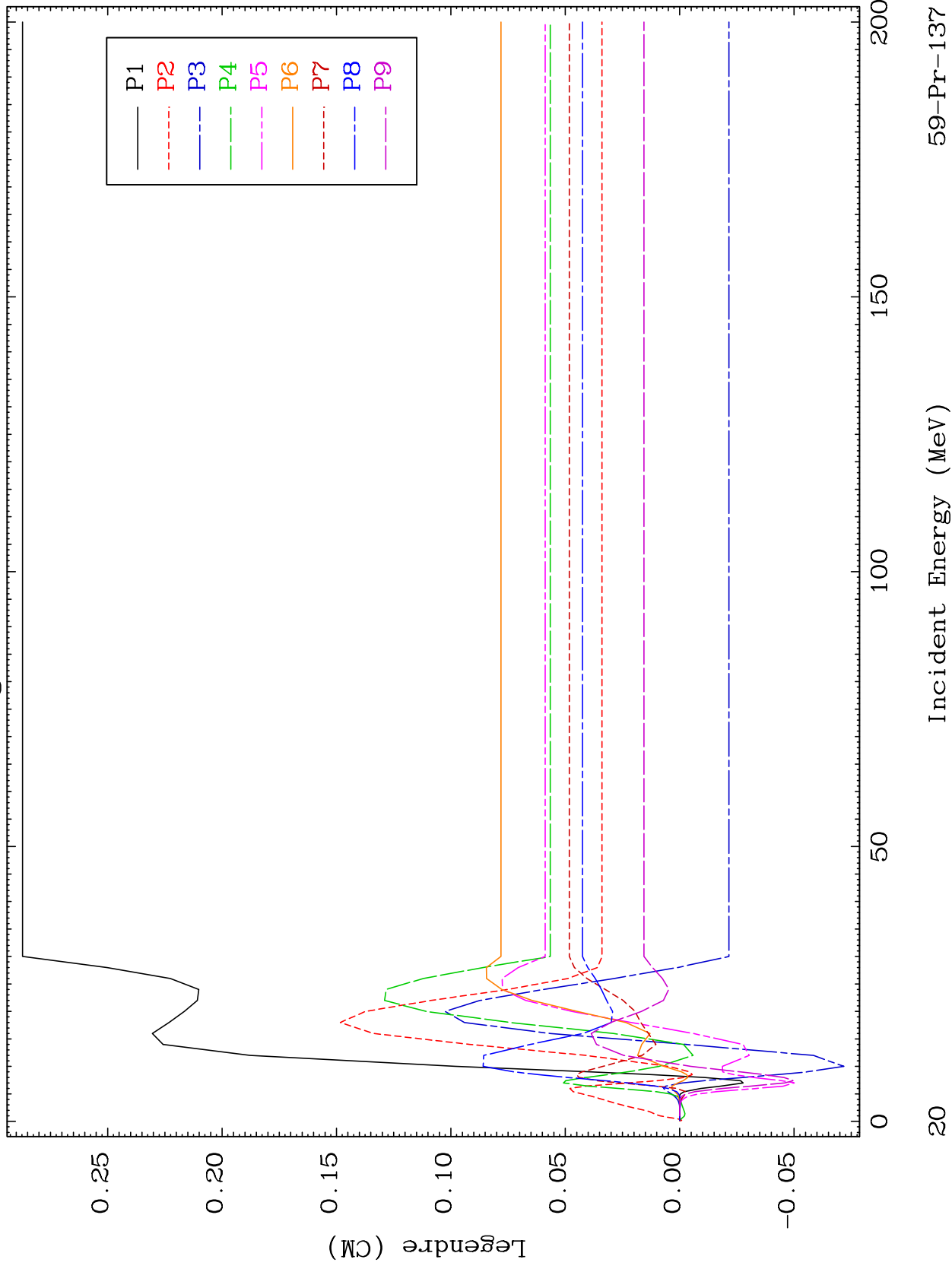
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



59-Pr-137

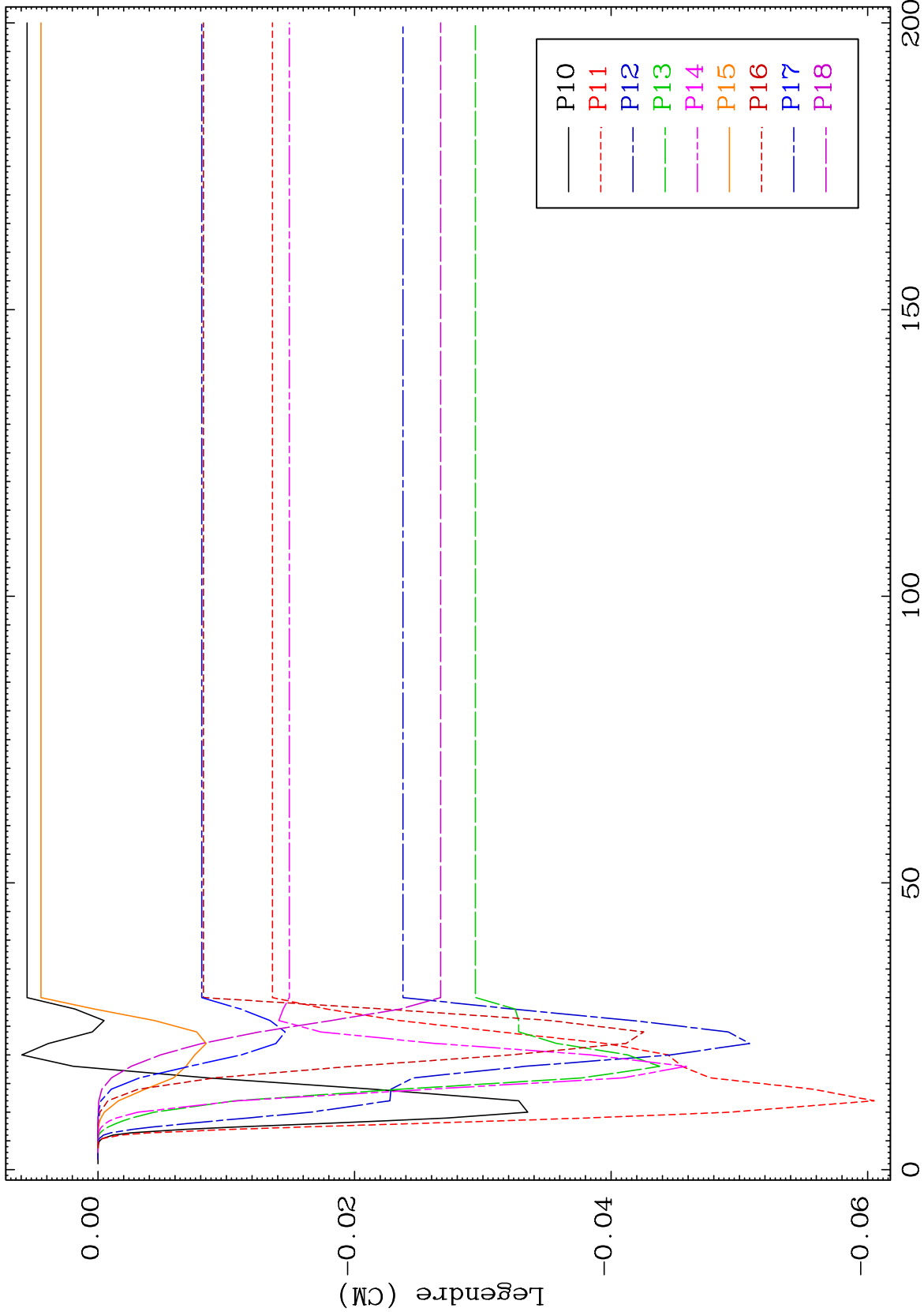
Incident Energy (MeV)

0

MAT 5913

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

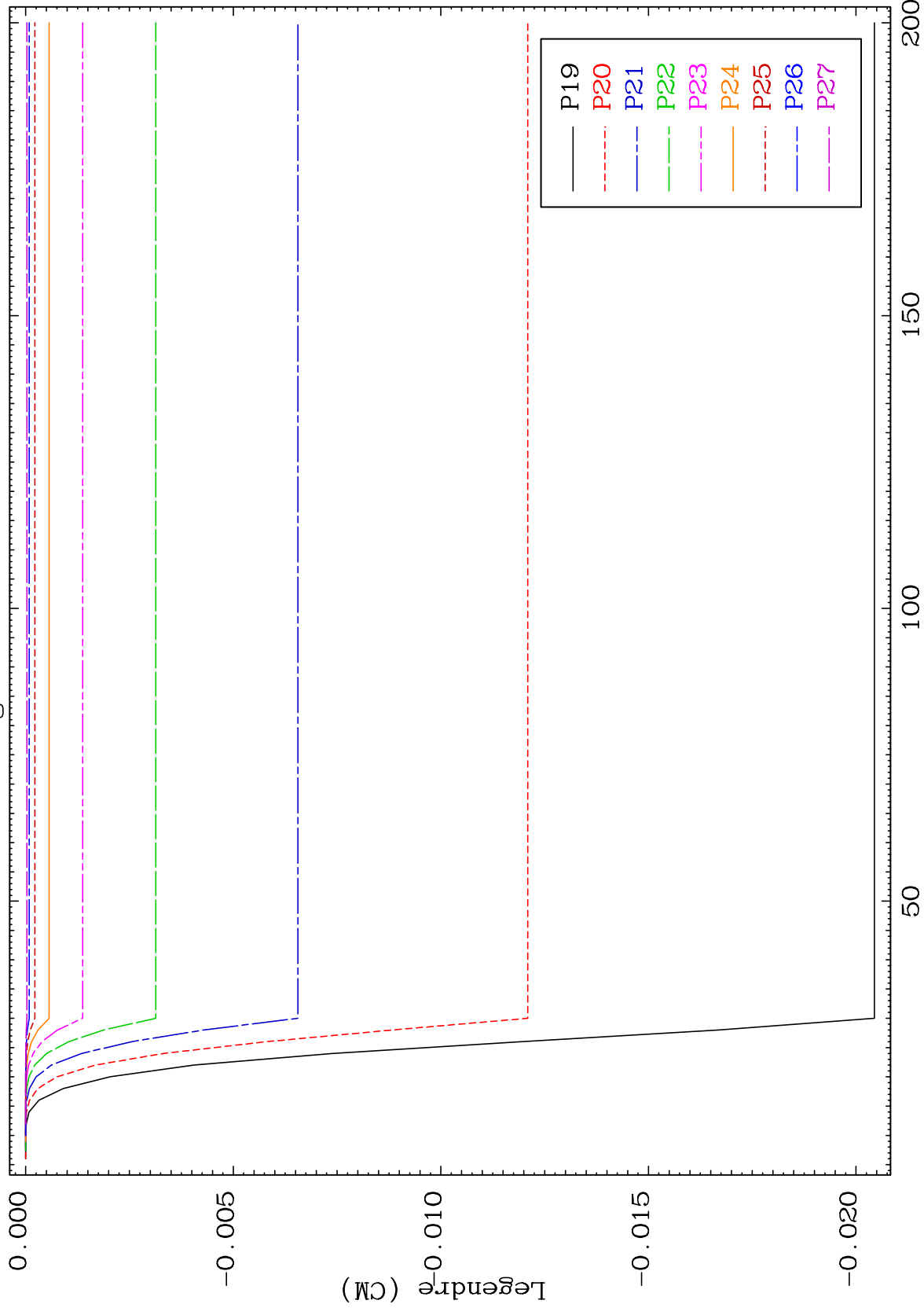
59-Pr-137



21

Incident Energy (MeV)

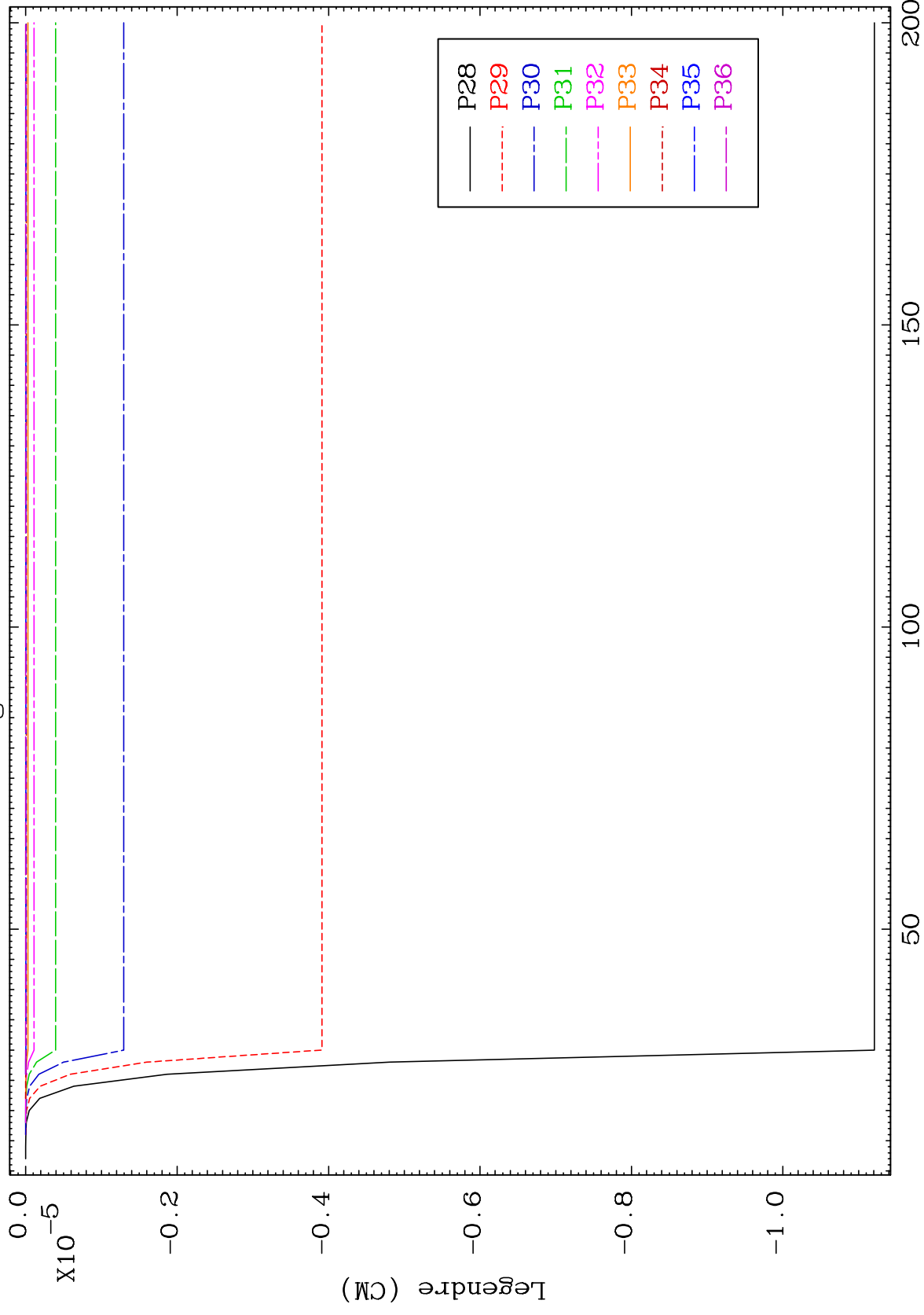
59-Pr-137



MAT 5913

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

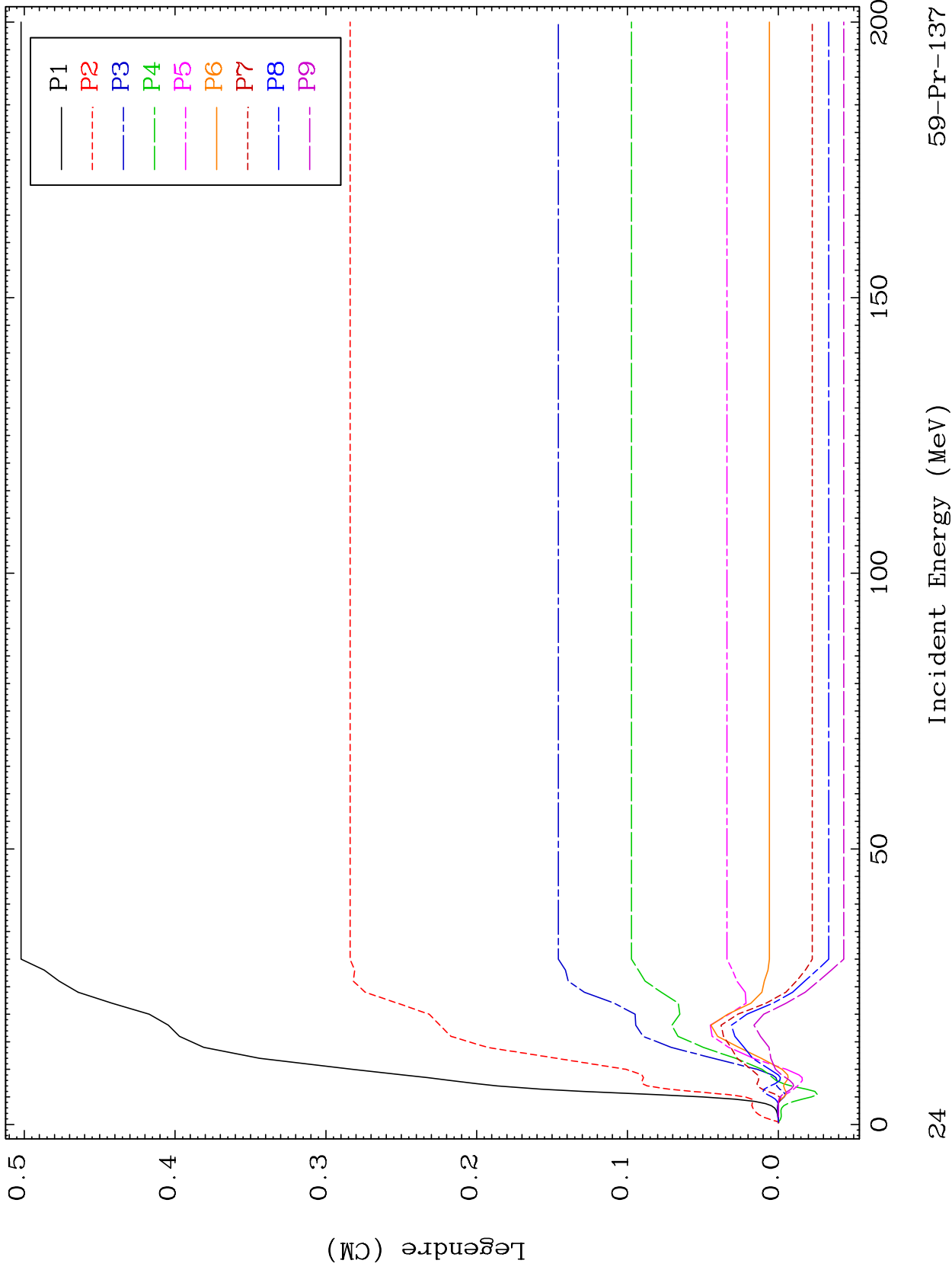
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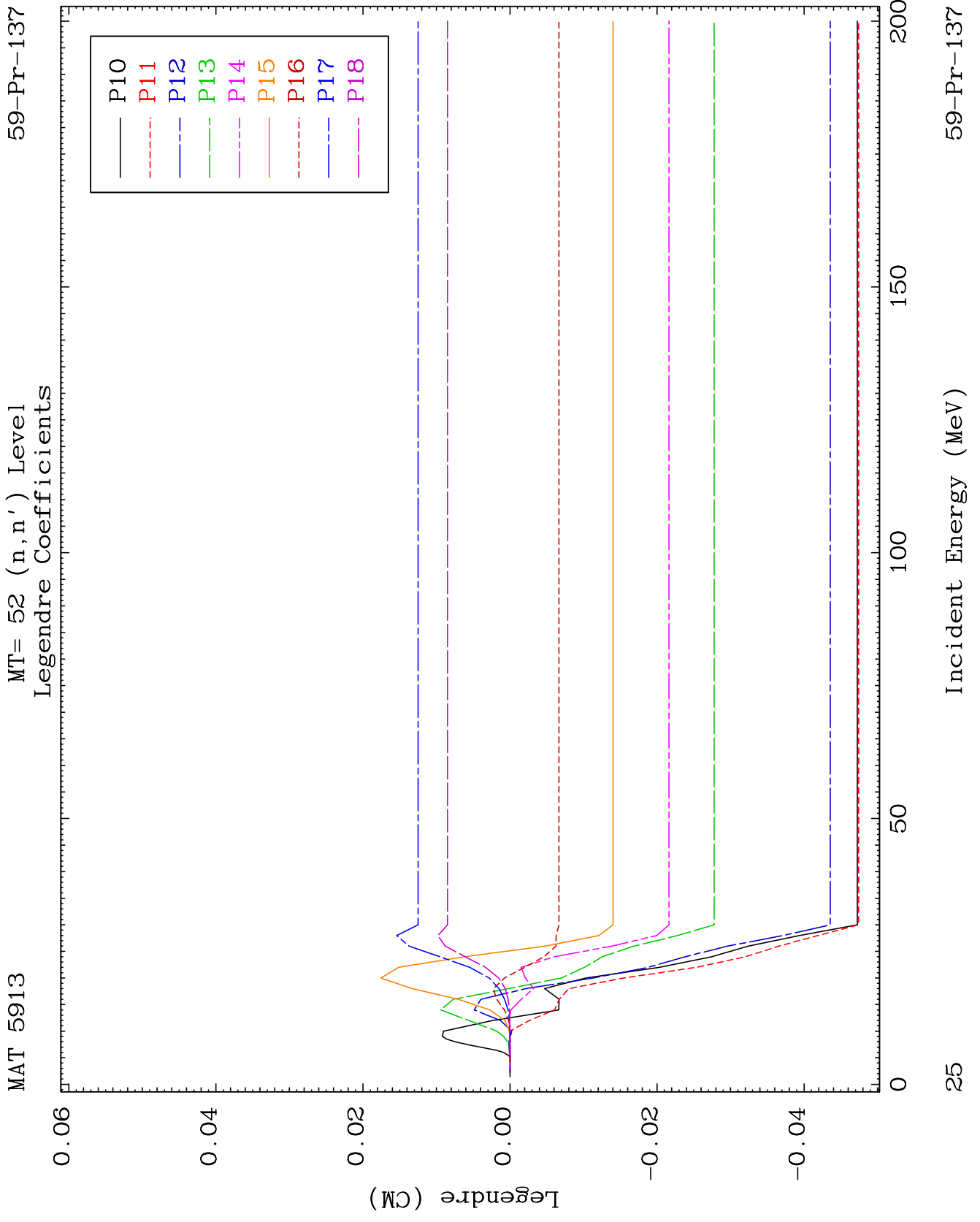


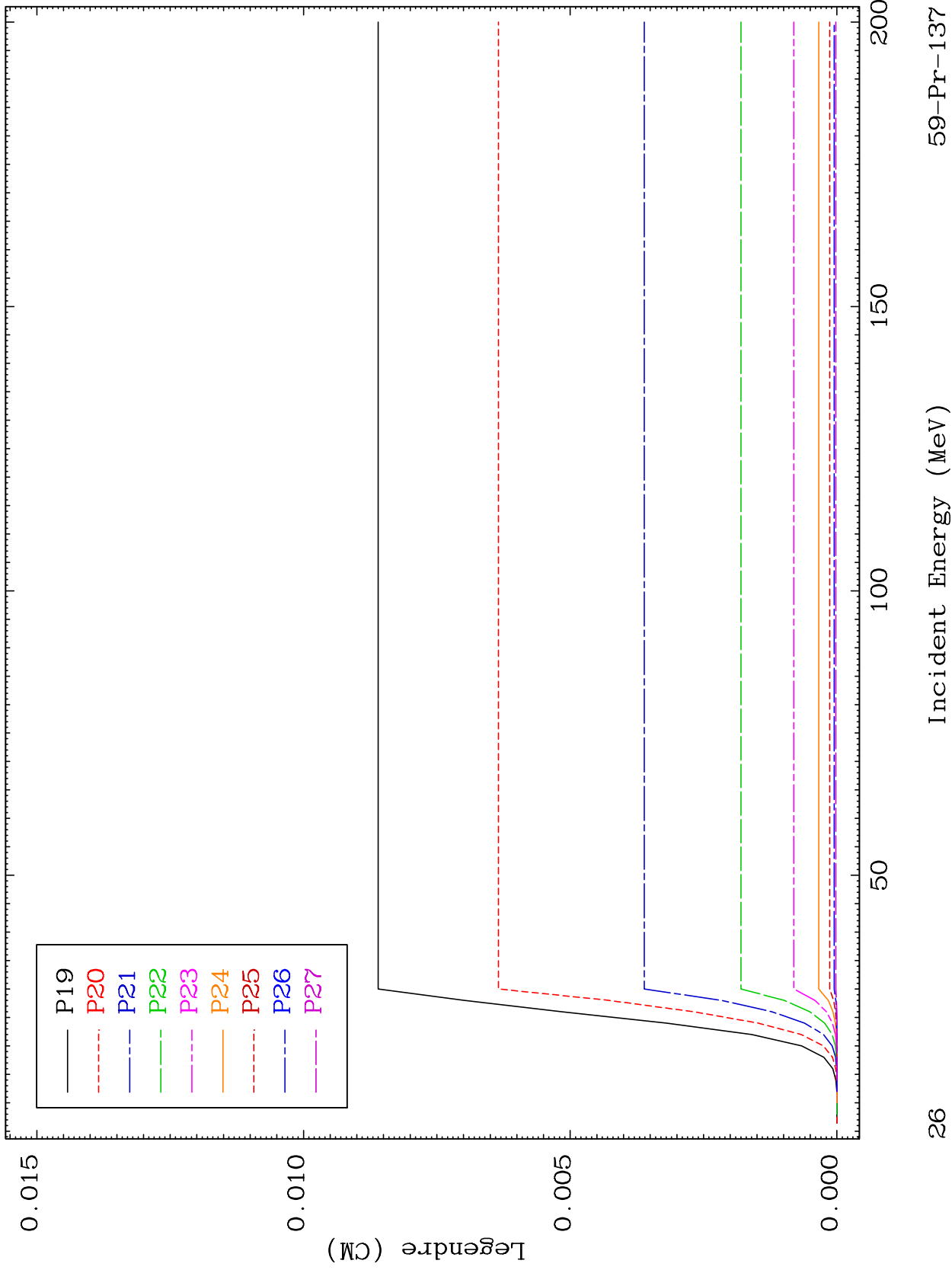
MAT 5913

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

59-Pr-137



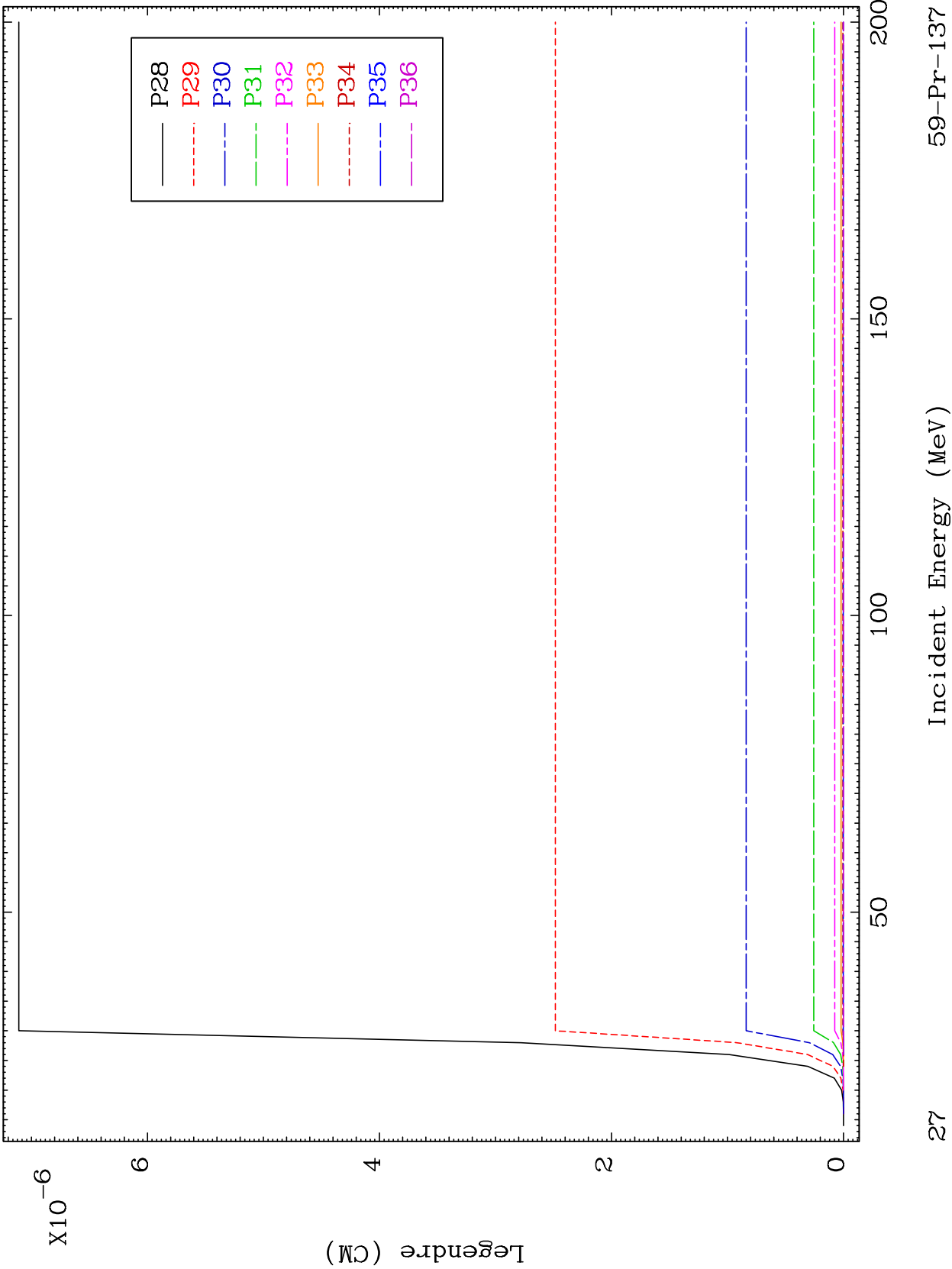




MAT 5913

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

59-Pr-137



27

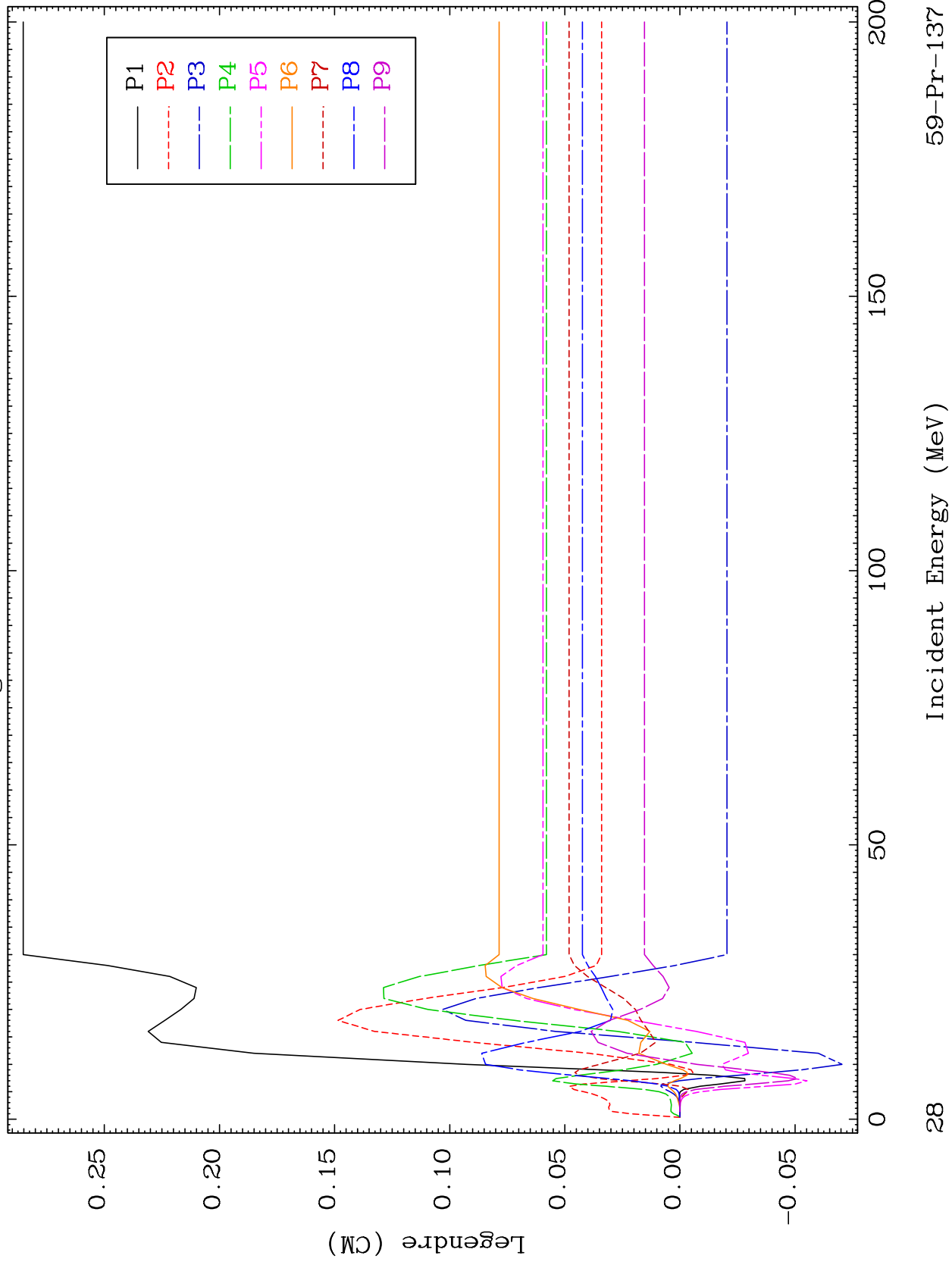
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



28

Incident Energy (MeV)

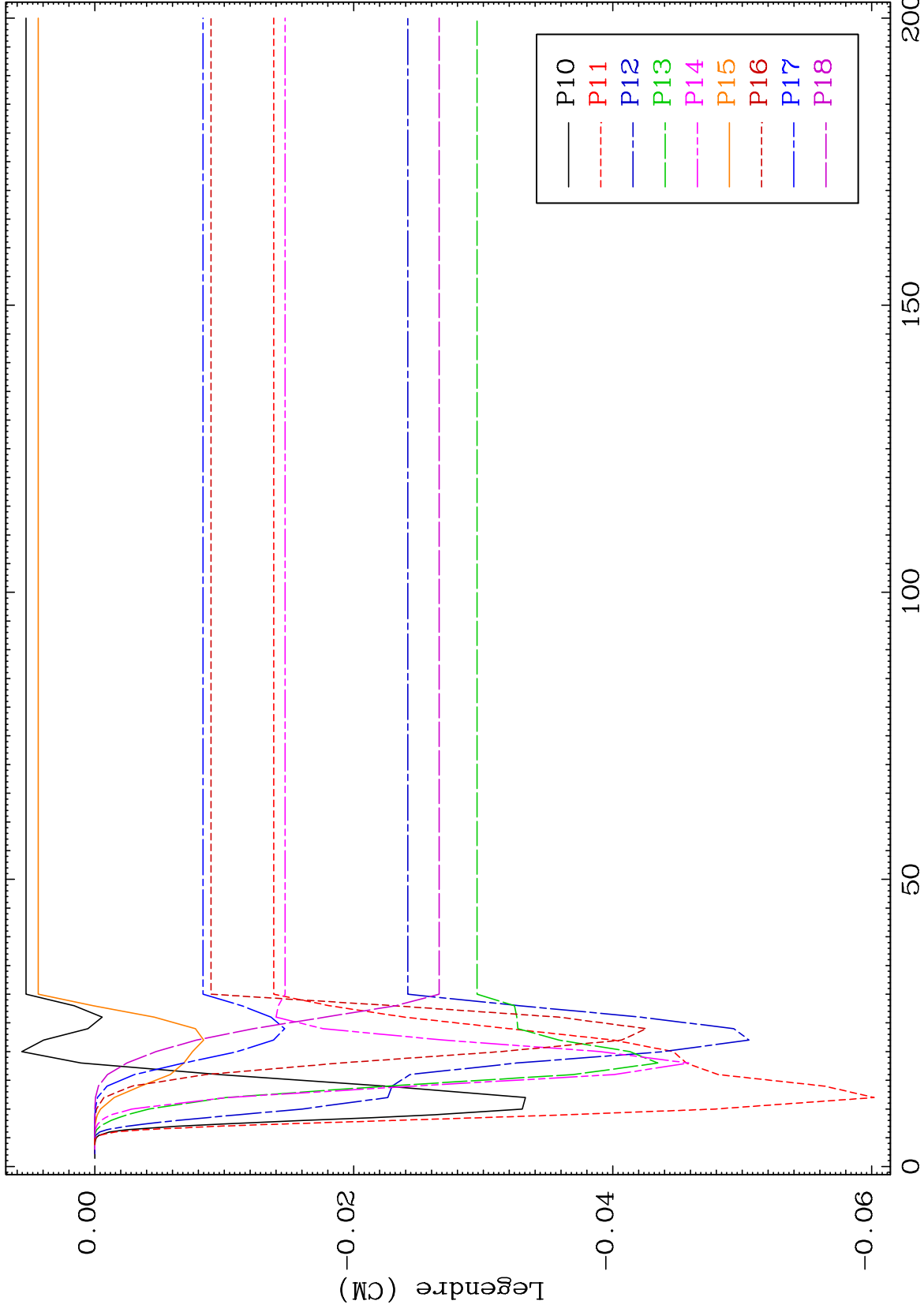
59-Pr-137

MAT 5913

MT= 53 (n,n') Level

59-Pr-137

Legendre Coefficients



29

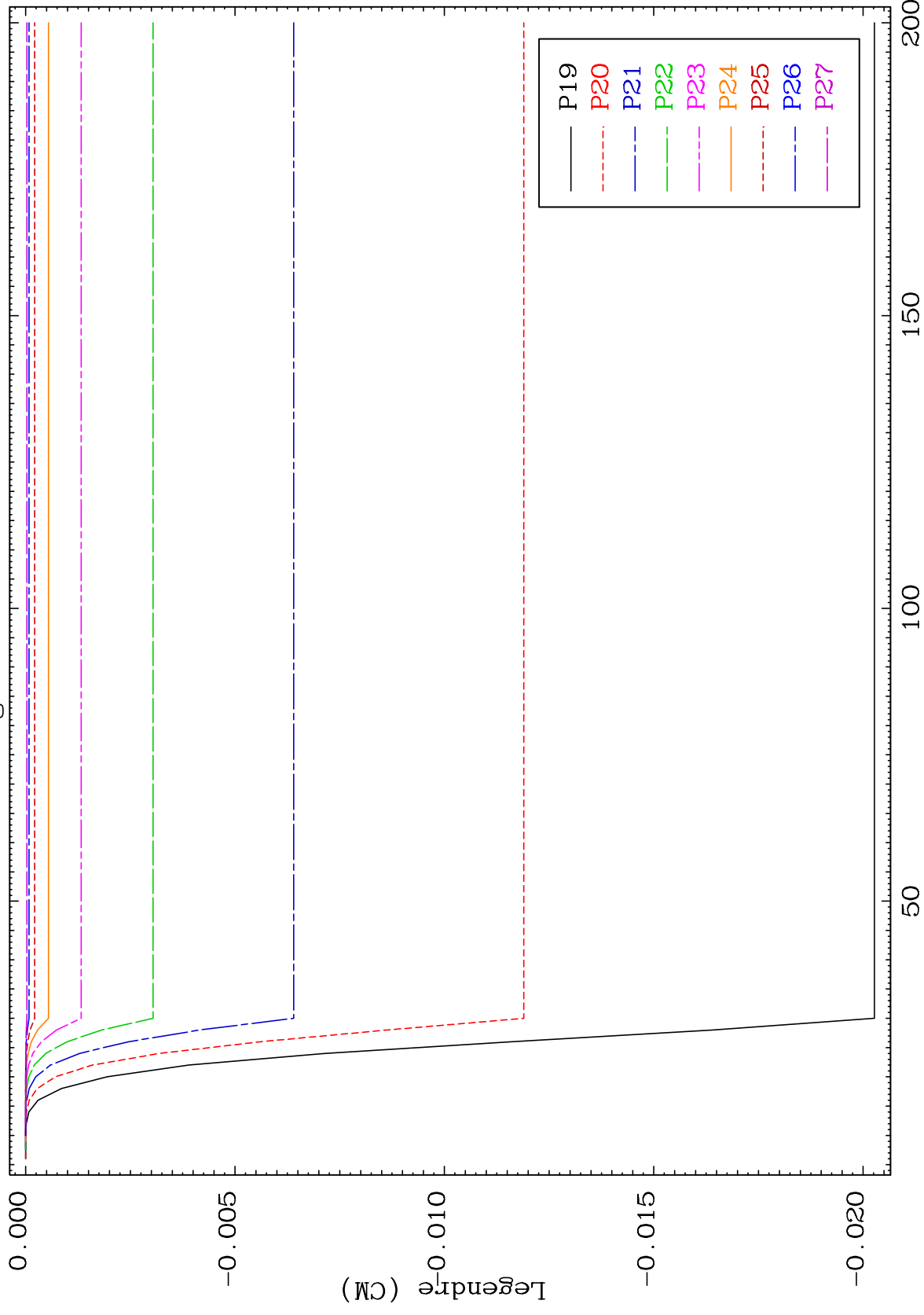
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



30

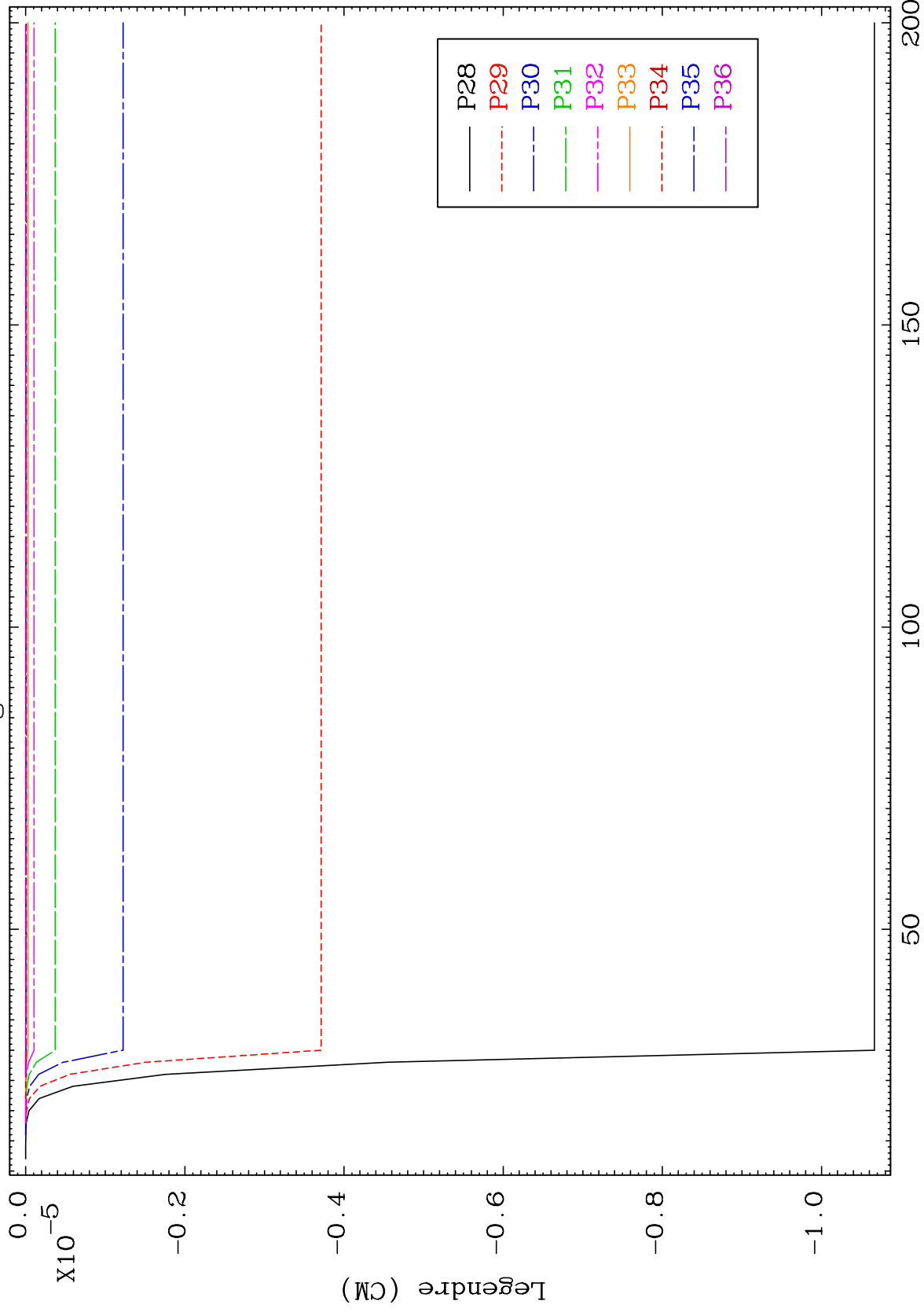
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



31

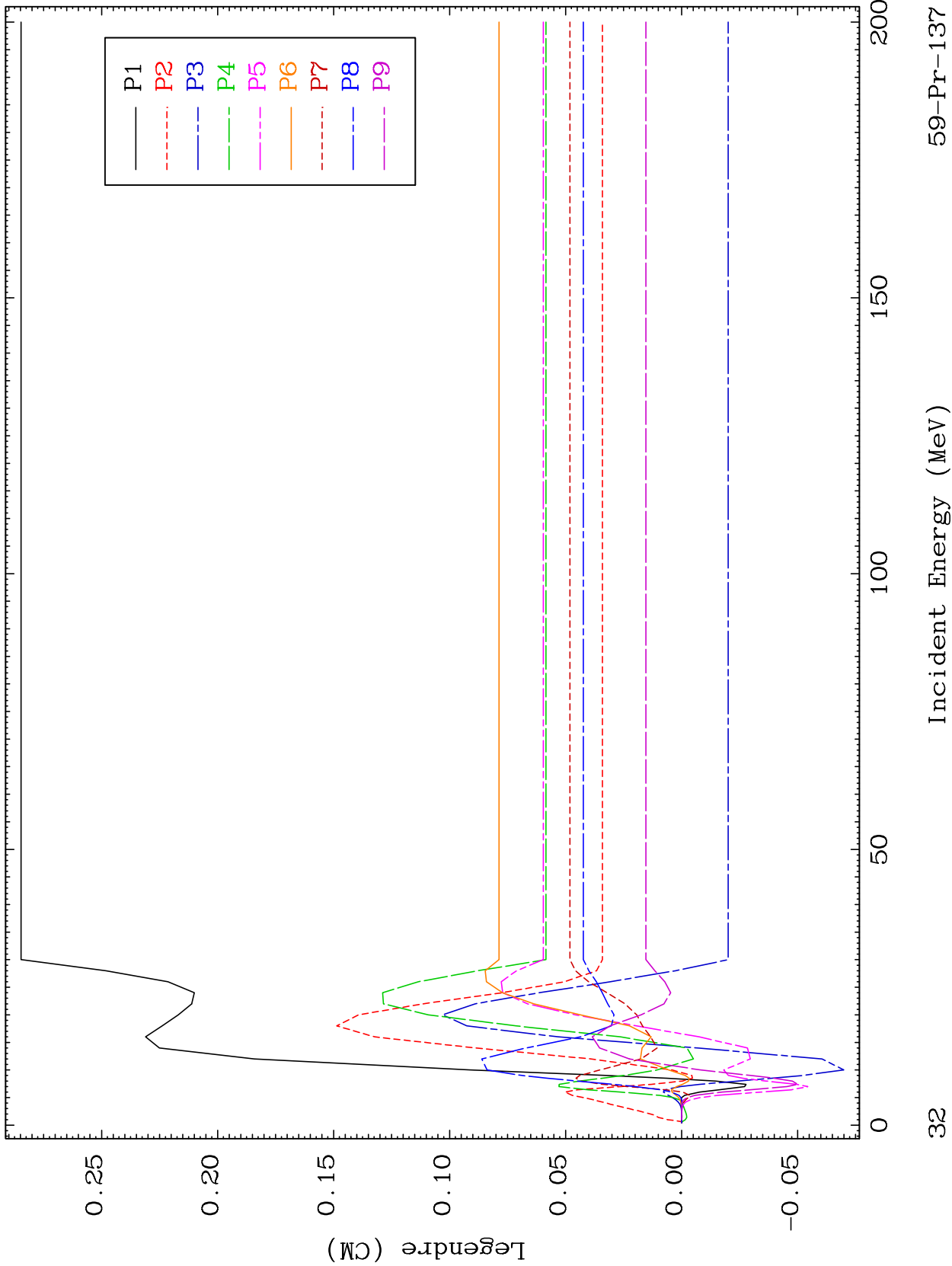
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

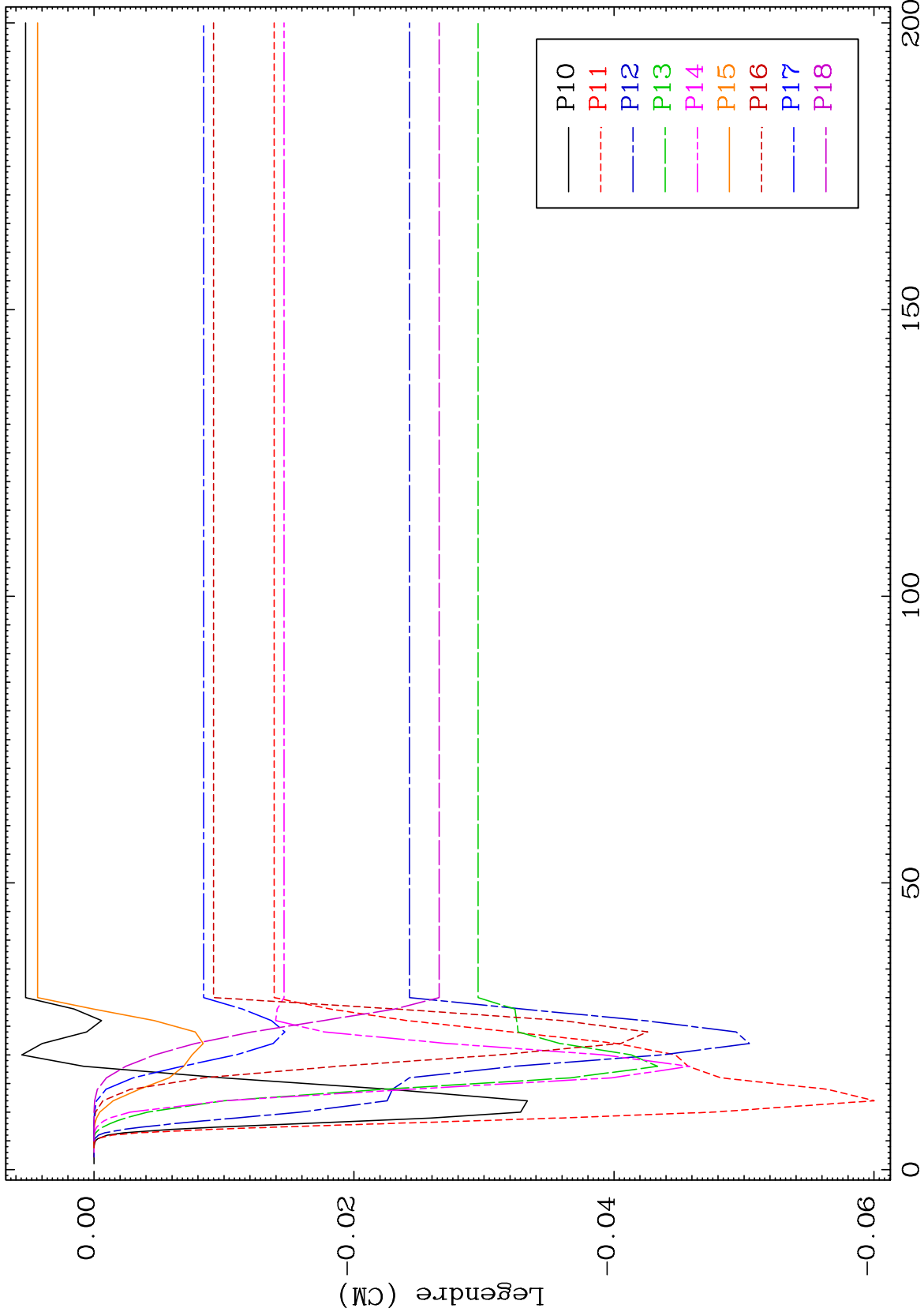
59-Pr-137



59-Pr-137

Incident Energy (MeV)

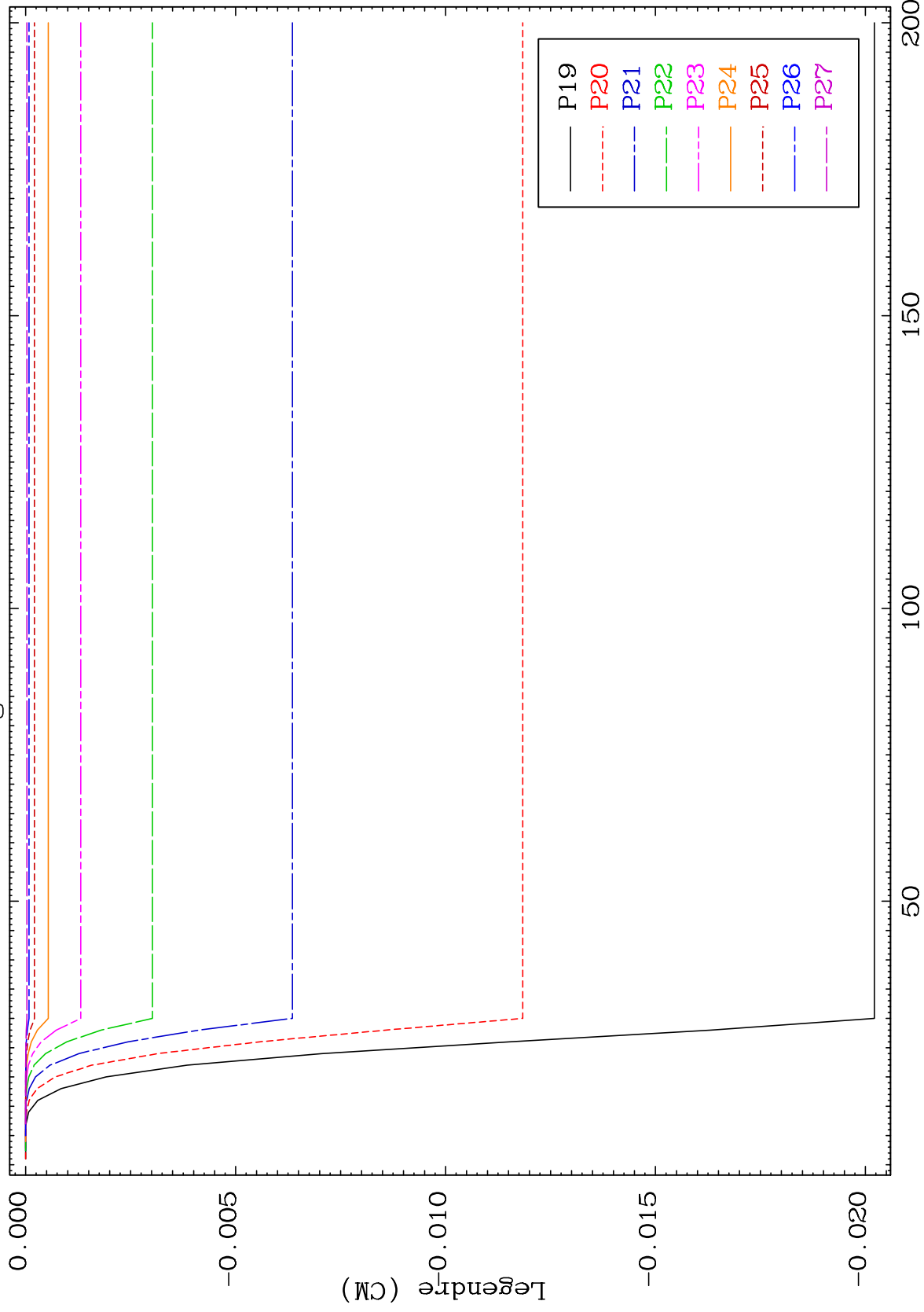
32



MAT 5913

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

59-Pr-137



34

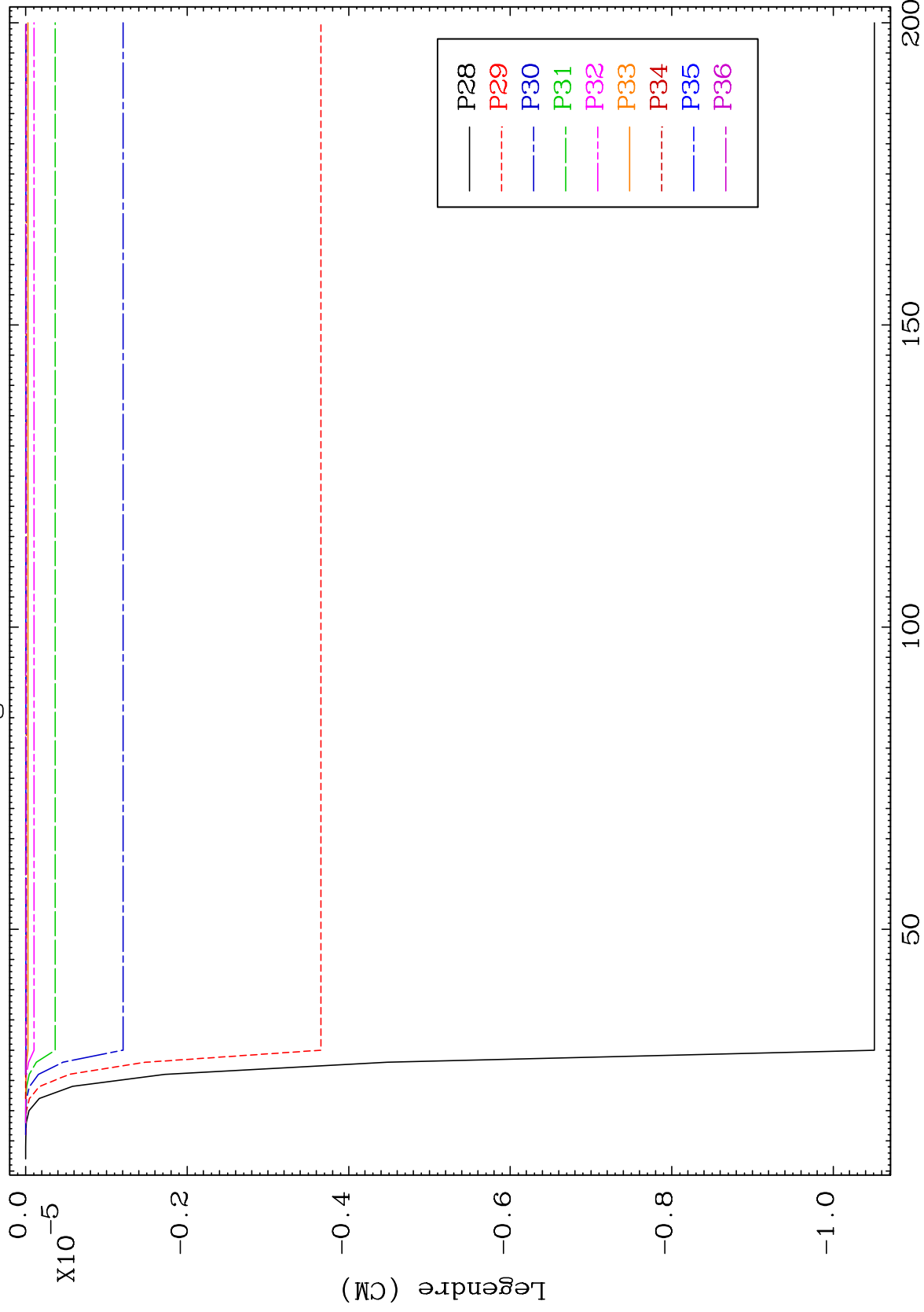
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

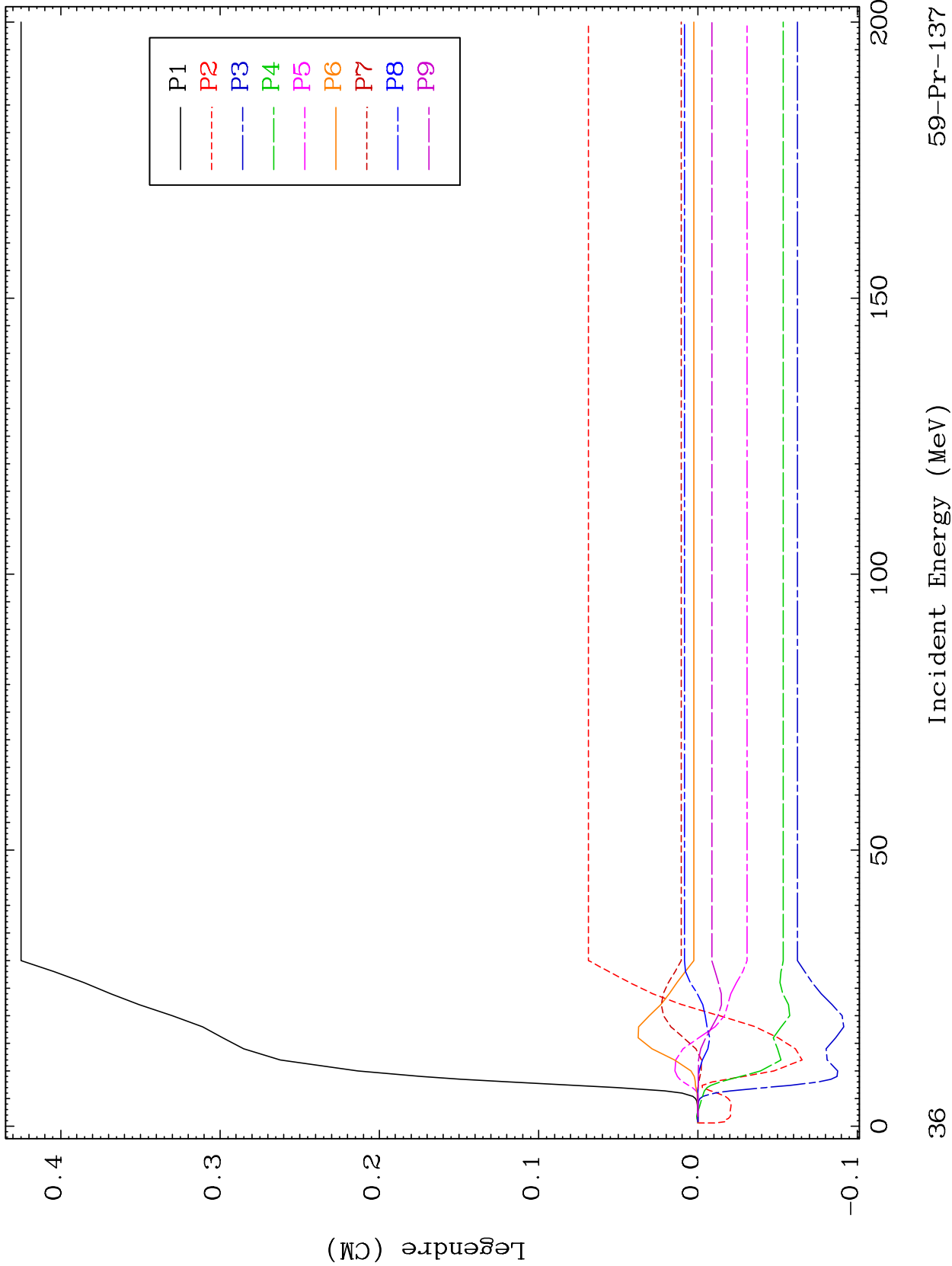
59-Pr-137



35

Incident Energy (MeV)

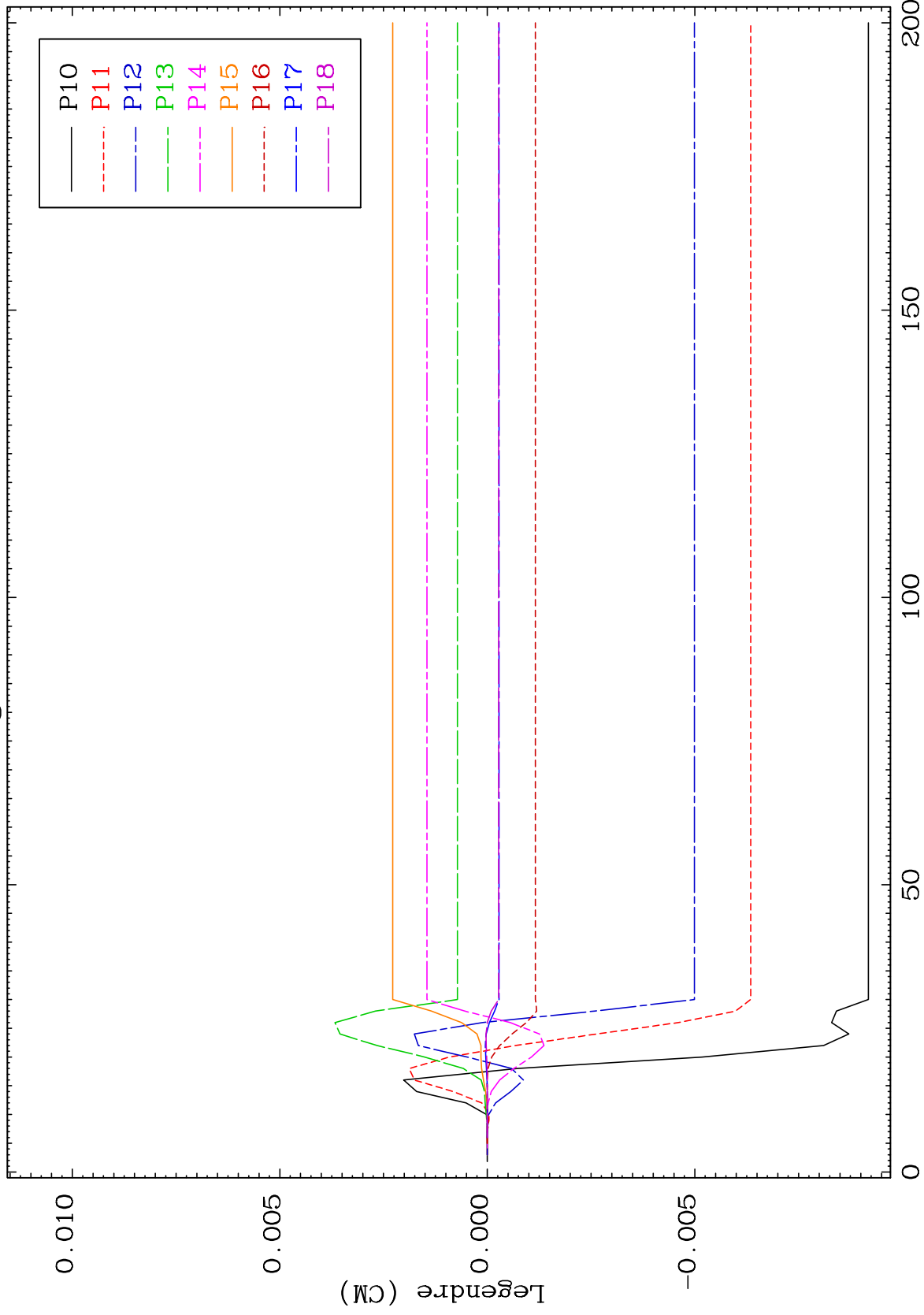
59-Pr-137



MAT 5913

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

59-Pr-137



37

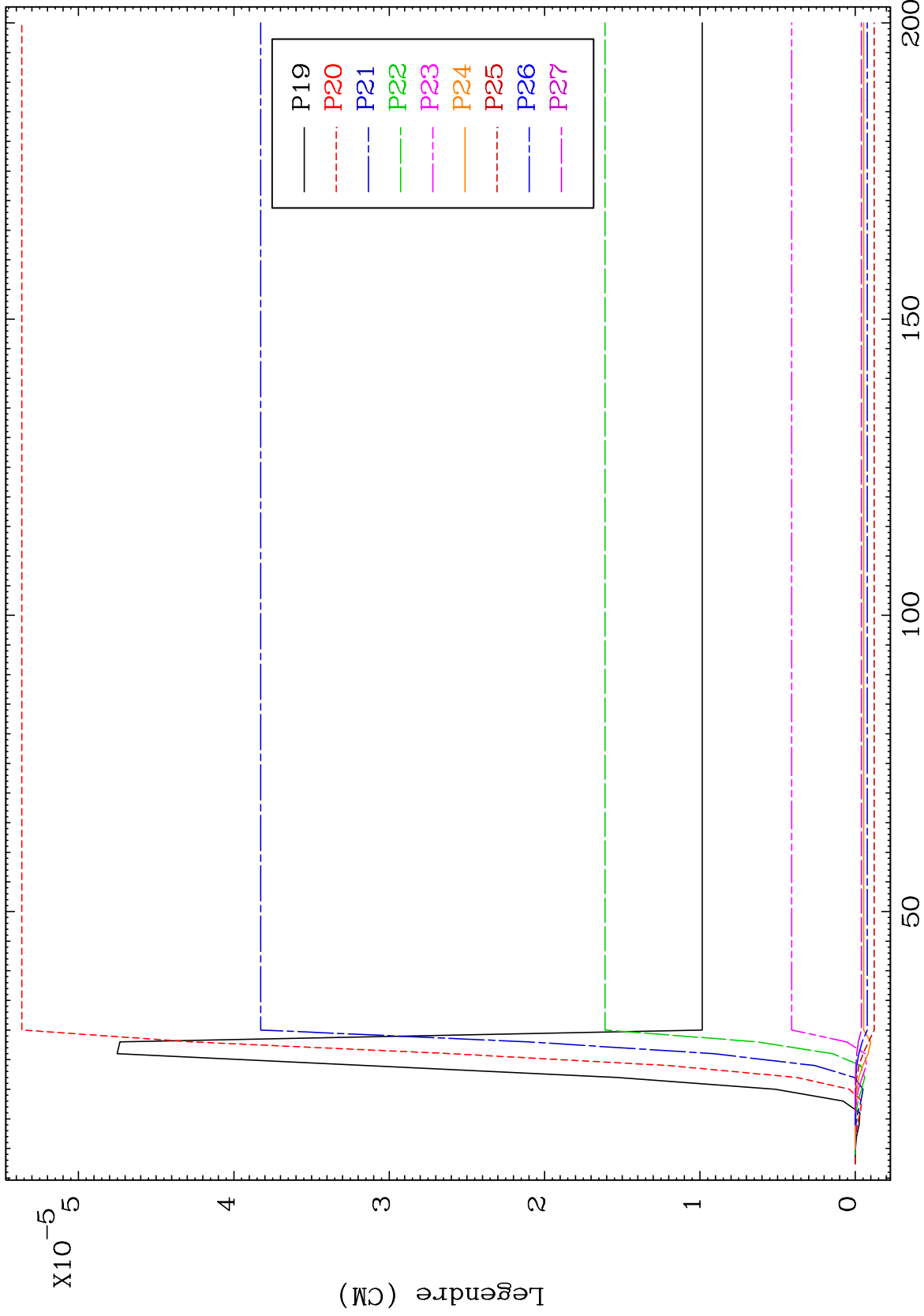
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



38

Incident Energy (MeV)

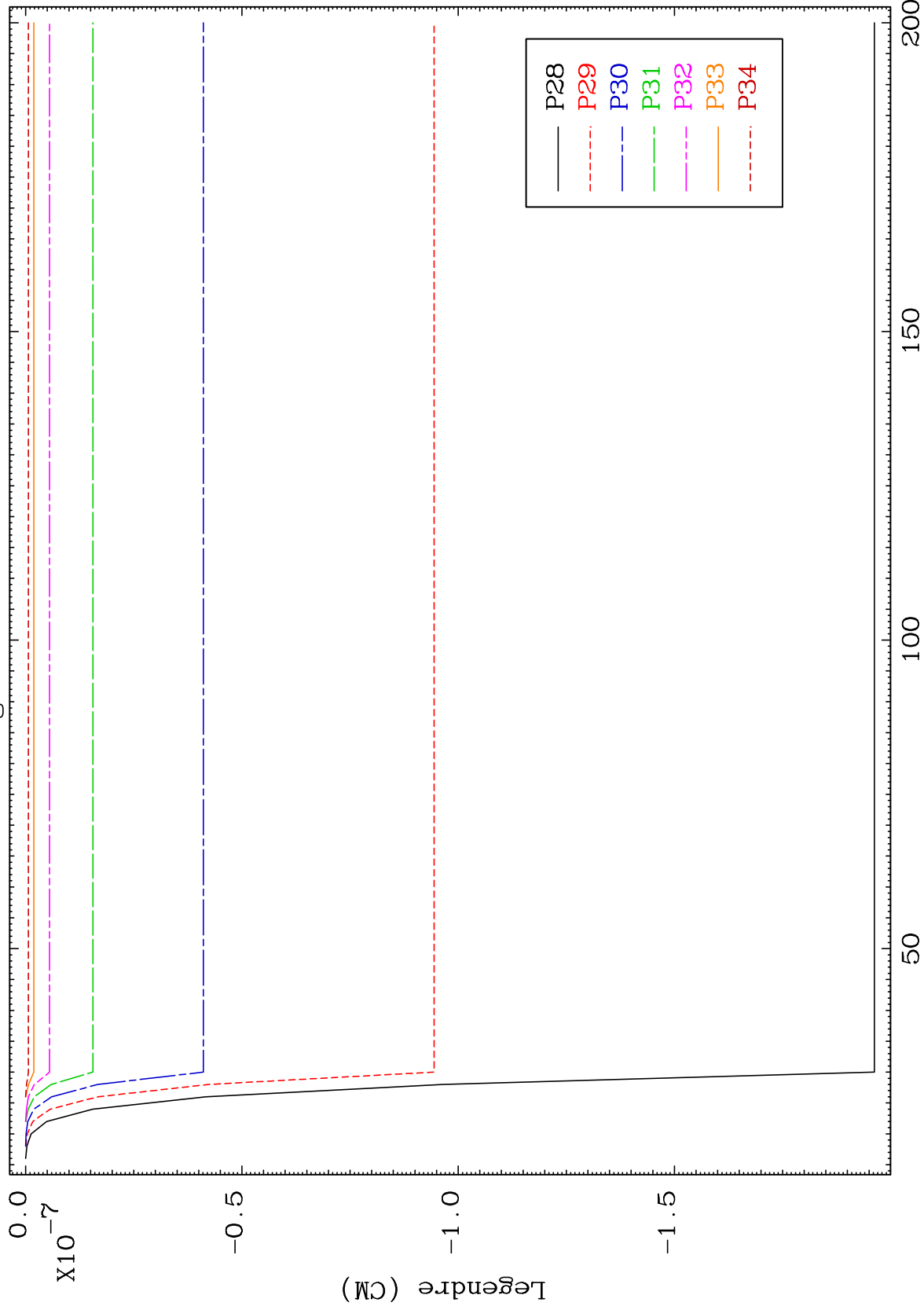
59-Pr-137

MAT 5913

MT= 55 (n,n') Level

59-Pr-137

Legendre Coefficients



39

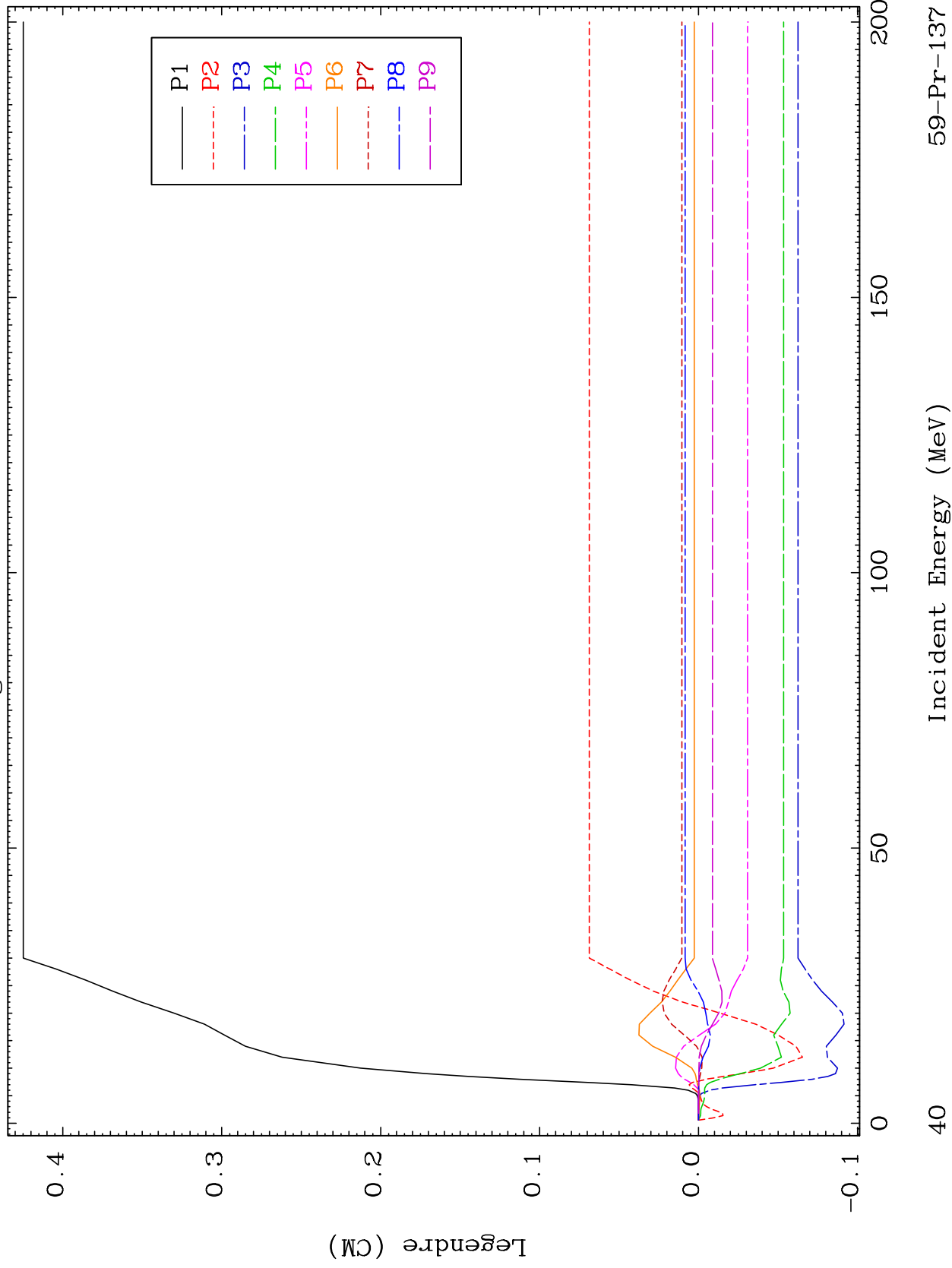
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



59-Pr-137

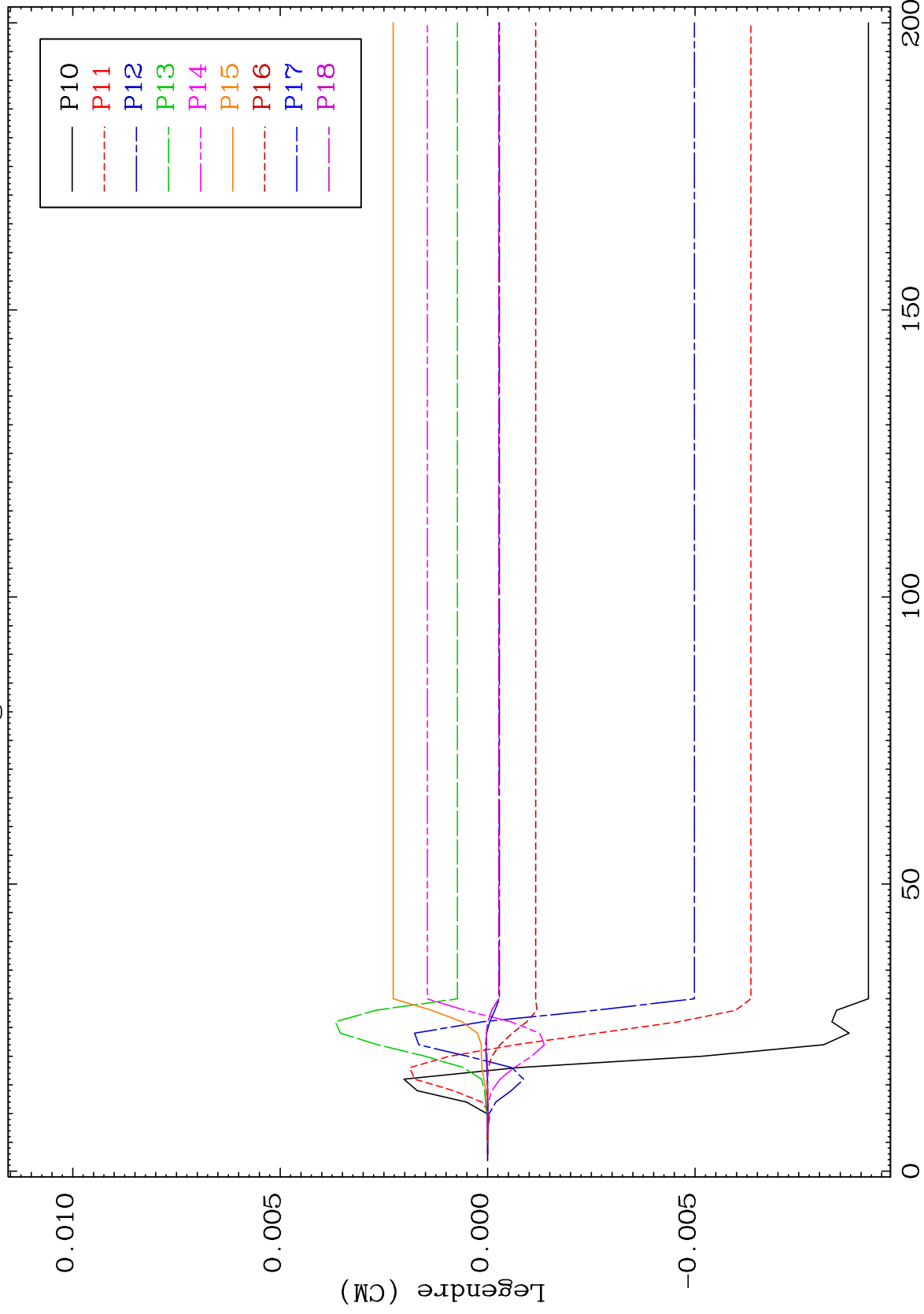
Incident Energy (MeV)

40

MAT 5913

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

59-Pr-137



41

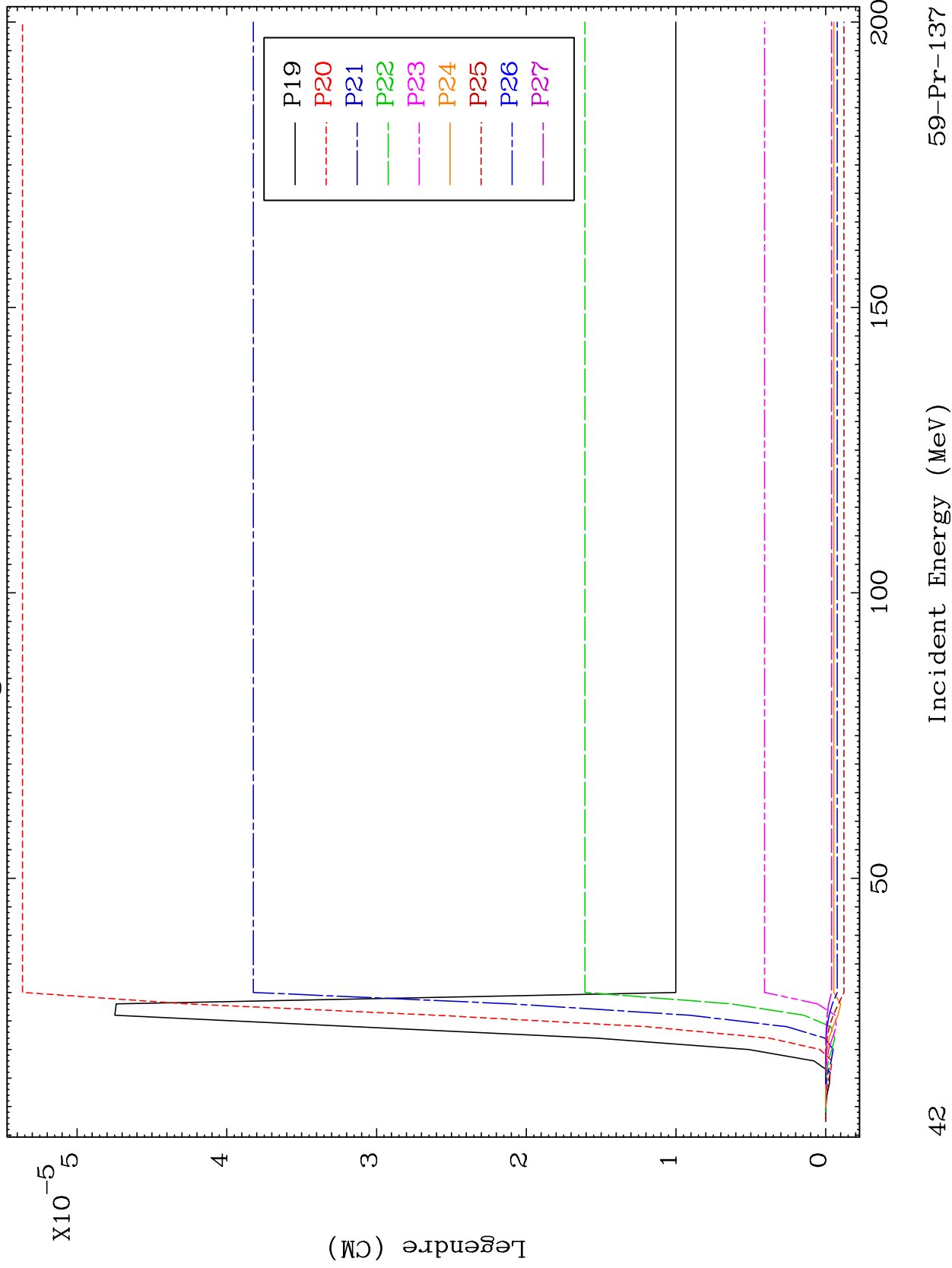
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



42

Incident Energy (MeV)

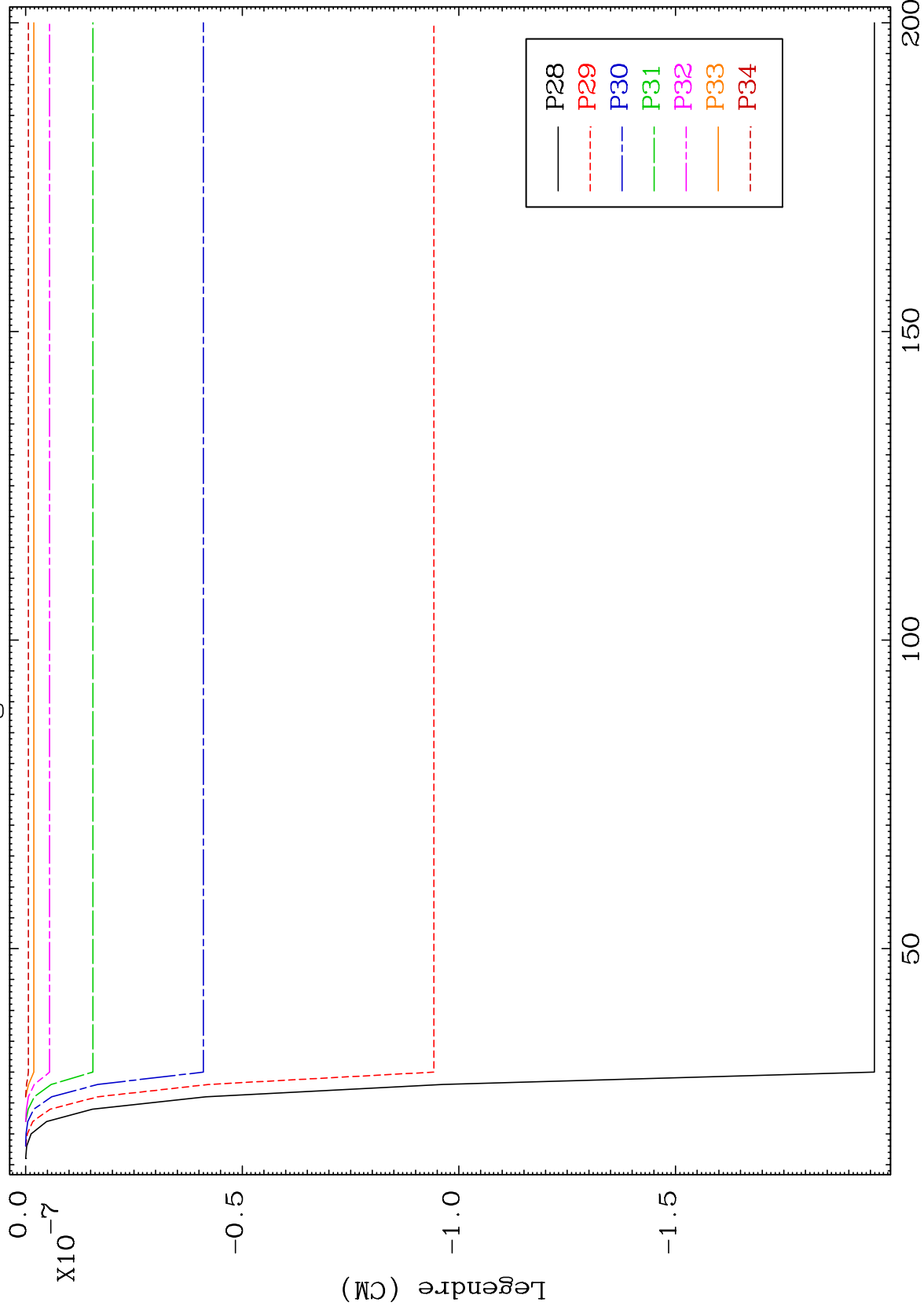
59-Pr-137

MAT 5913

MT= 56 (n,n') Level

59-Pr-137

Legendre Coefficients



43

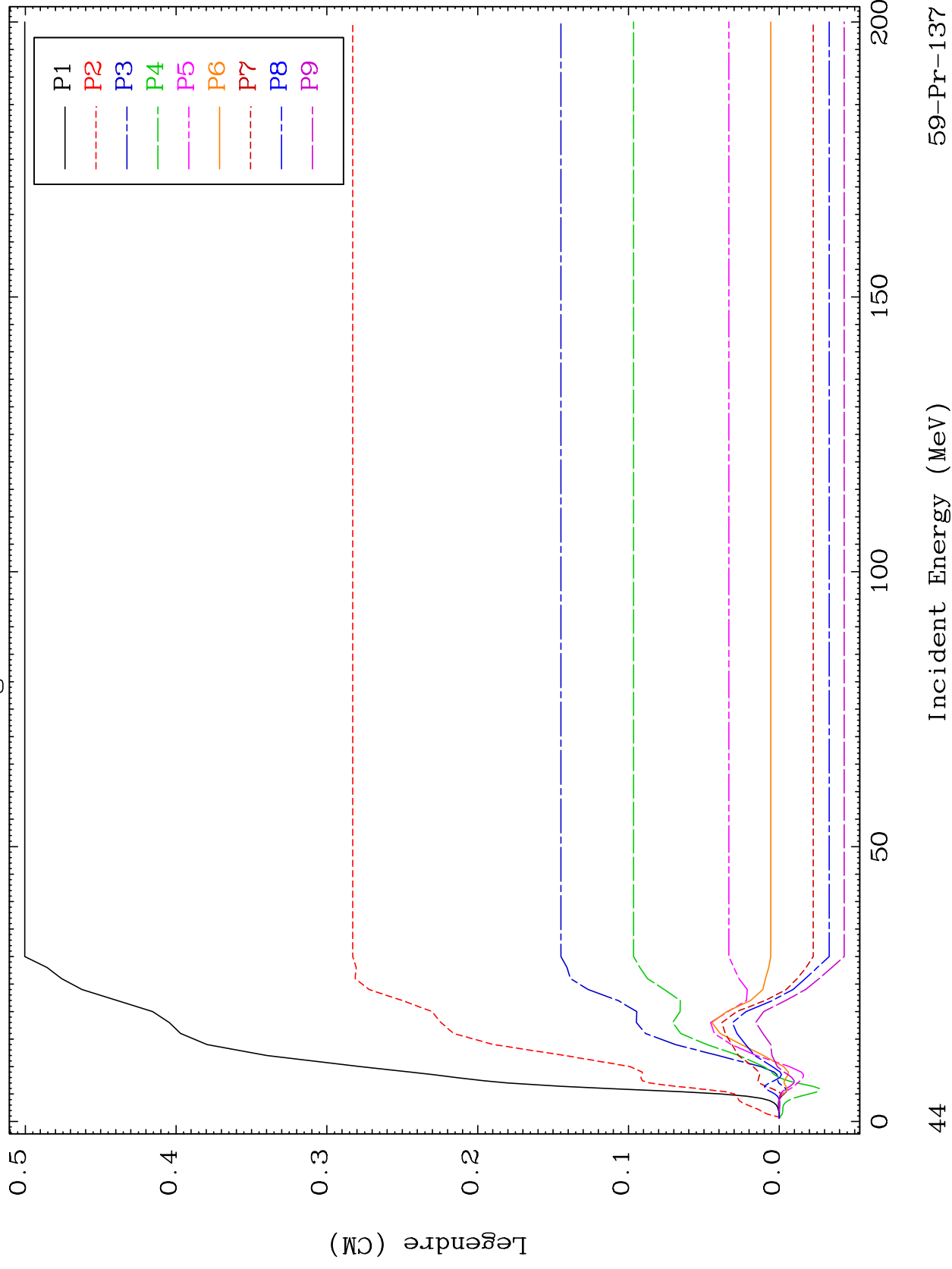
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

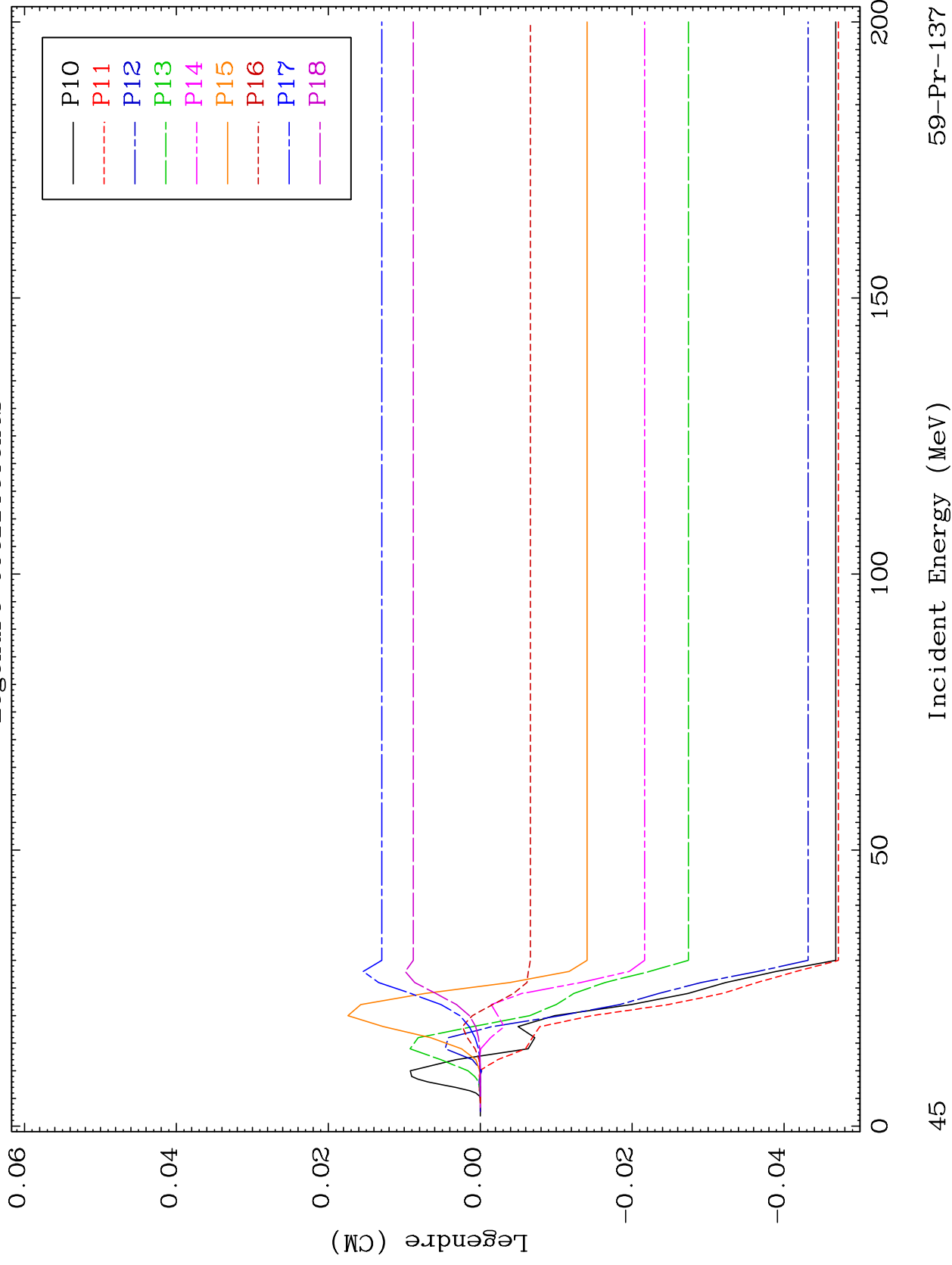
59-Pr-137



MAT 5913

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

59-Pr-137



59-Pr-137

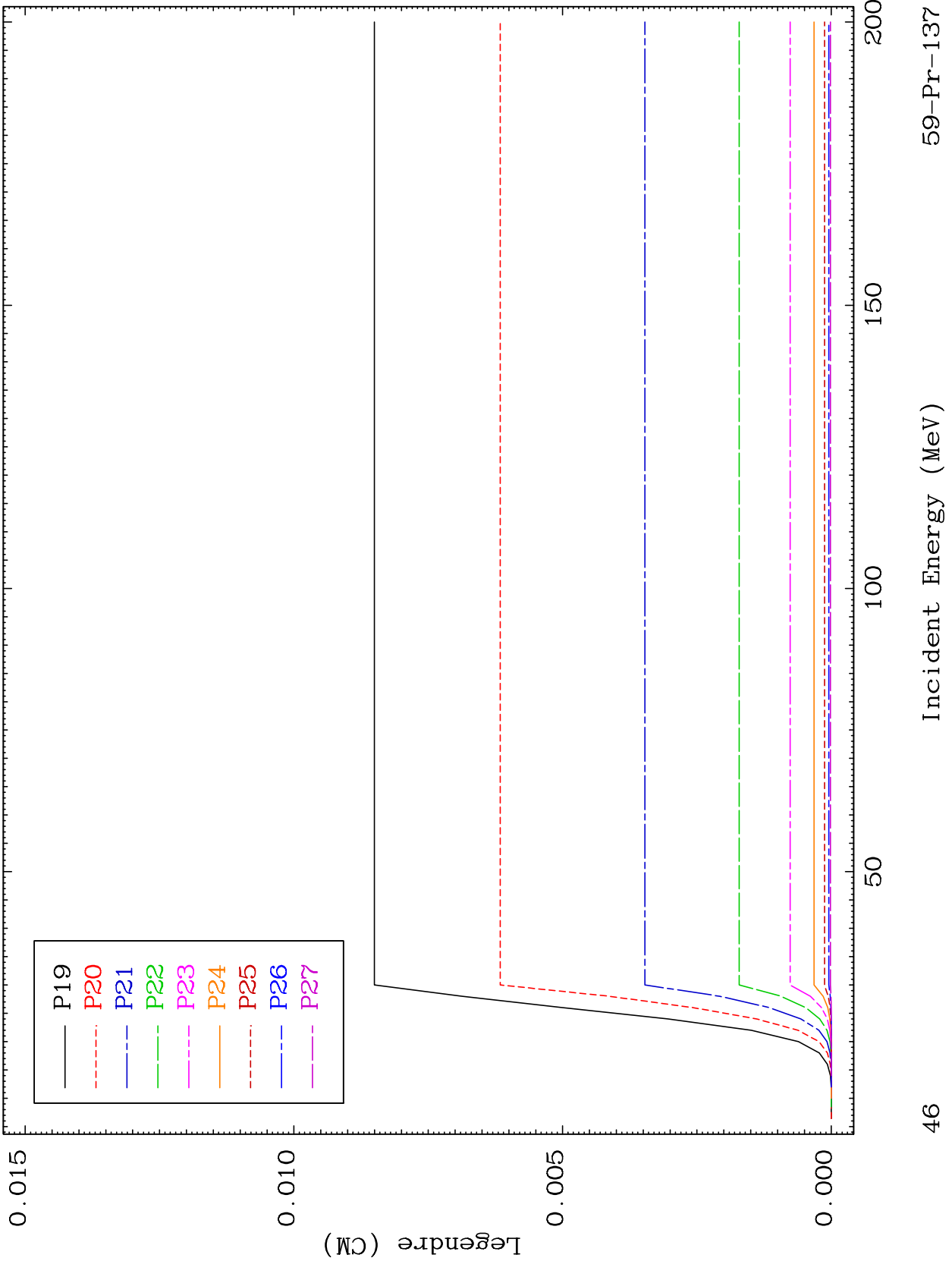
Incident Energy (MeV)

45

MAT 5913

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

59-Pr-137



46

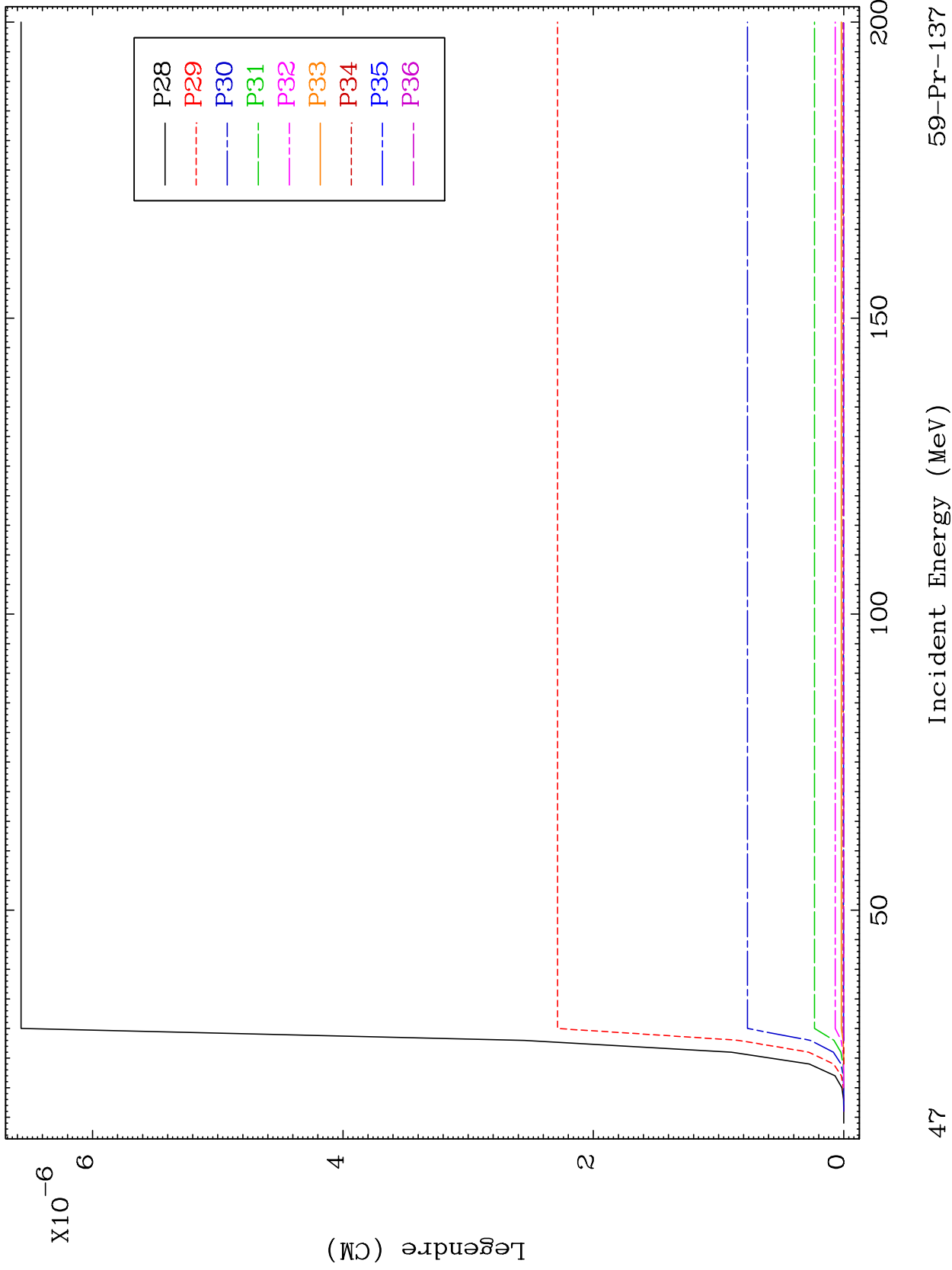
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

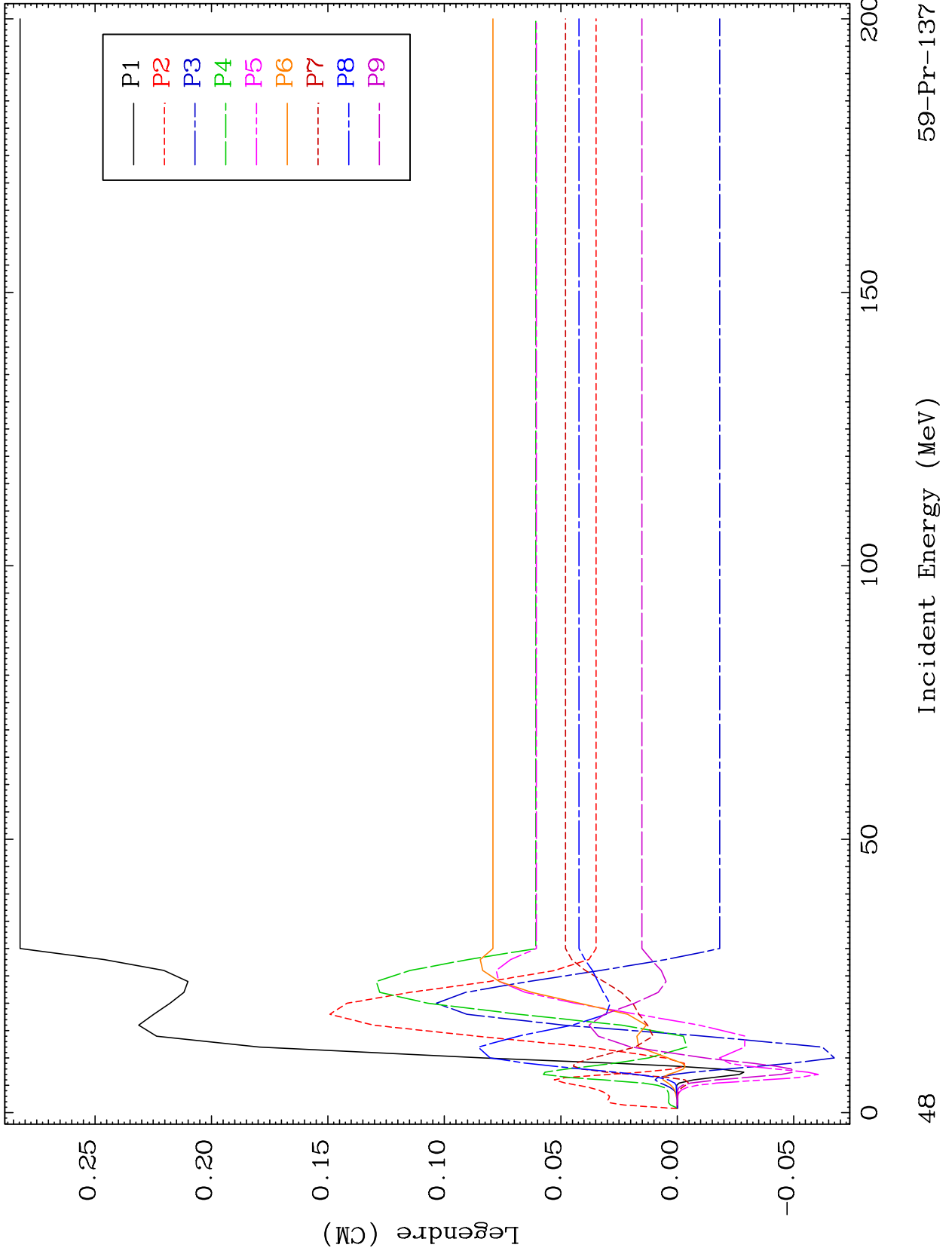
59-Pr-137



MAT 5913

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

59-Pr-137



59-Pr-137

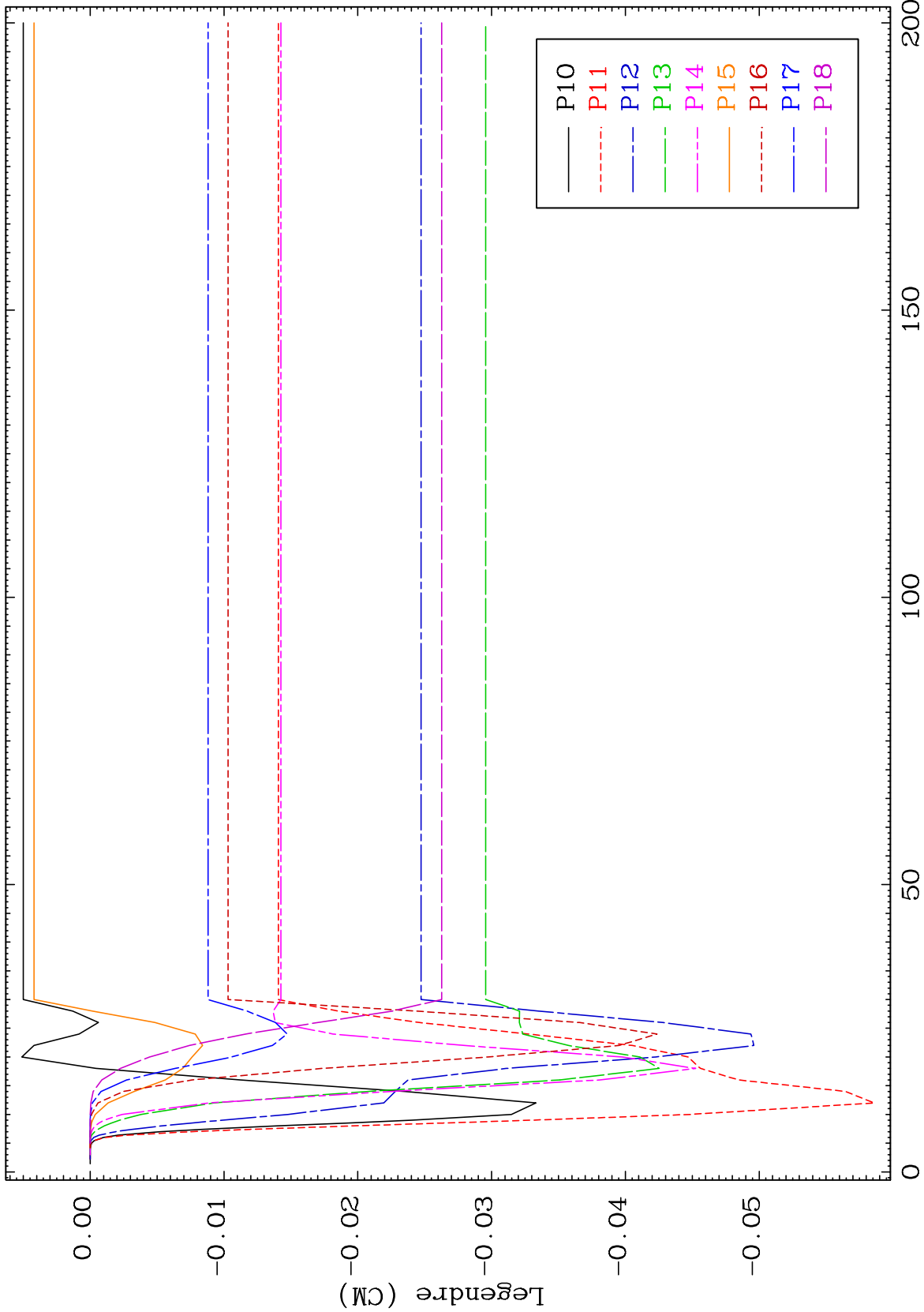
Incident Energy (MeV)

48

MAT 5913

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

59-Pr-137



49

Incident Energy (MeV)

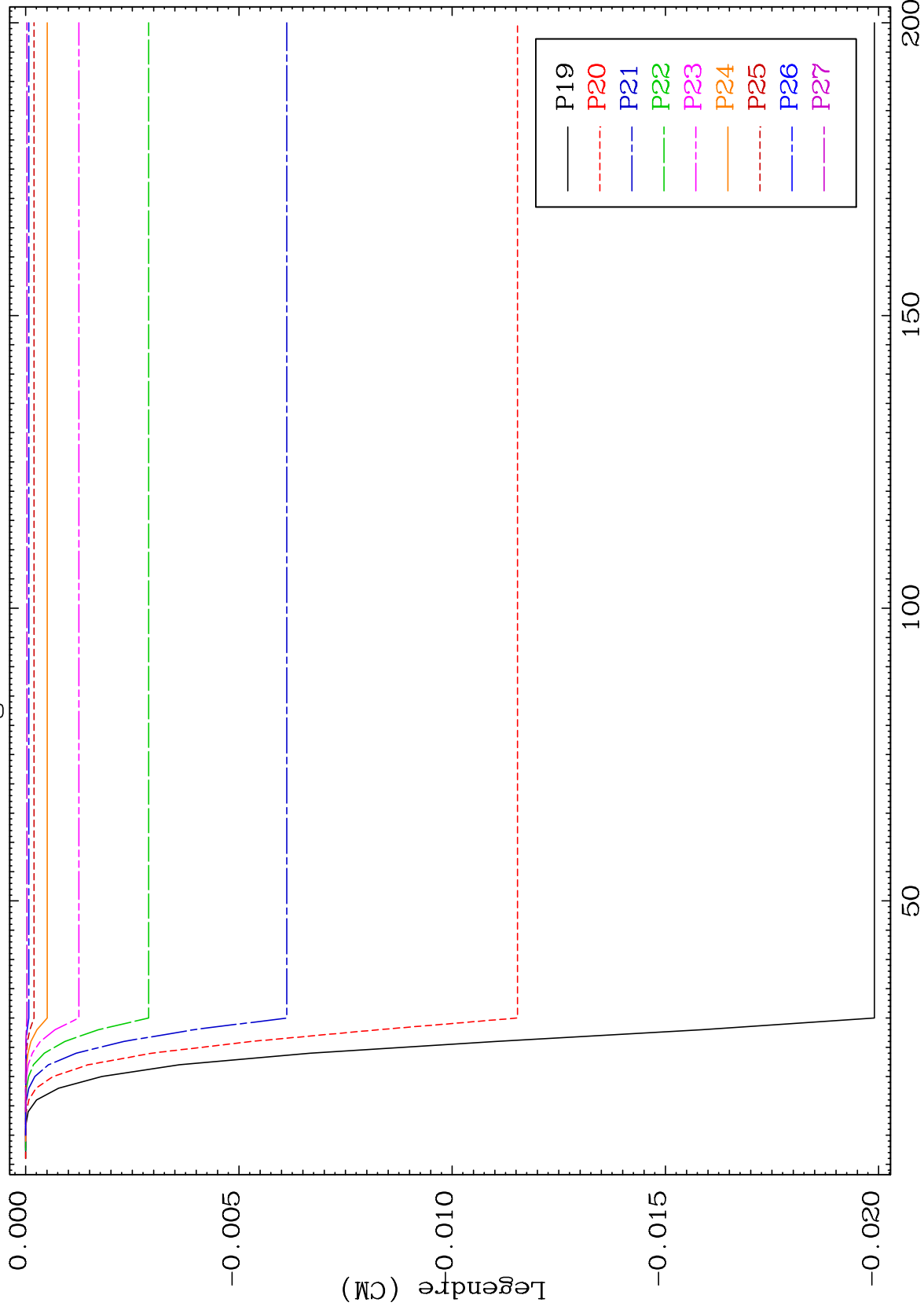
59-Pr-137

MAT 5913

MT= 58 (n,n') Level

Legendre Coefficients

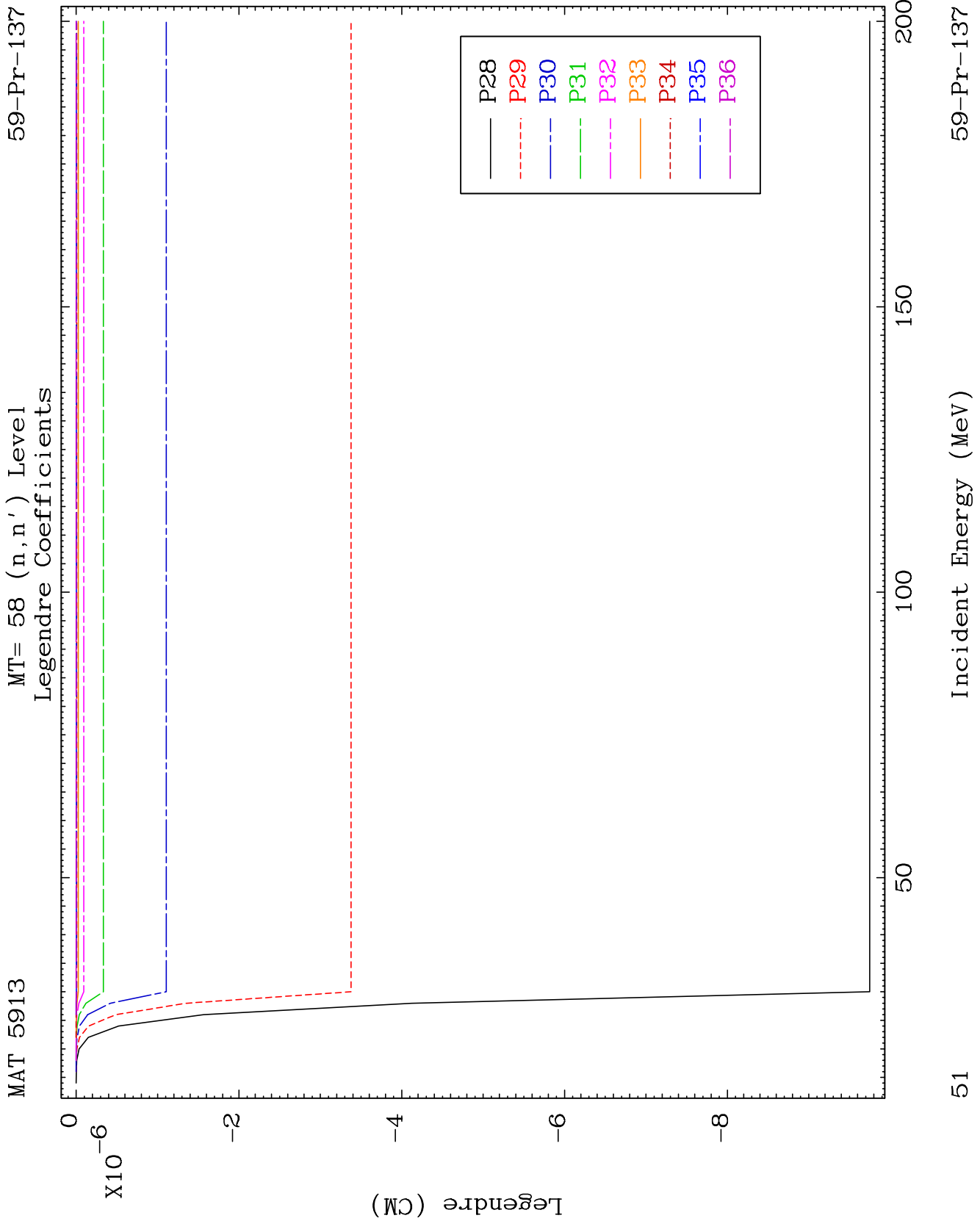
59-Pr-137



59-Pr-137

Incident Energy (MeV)

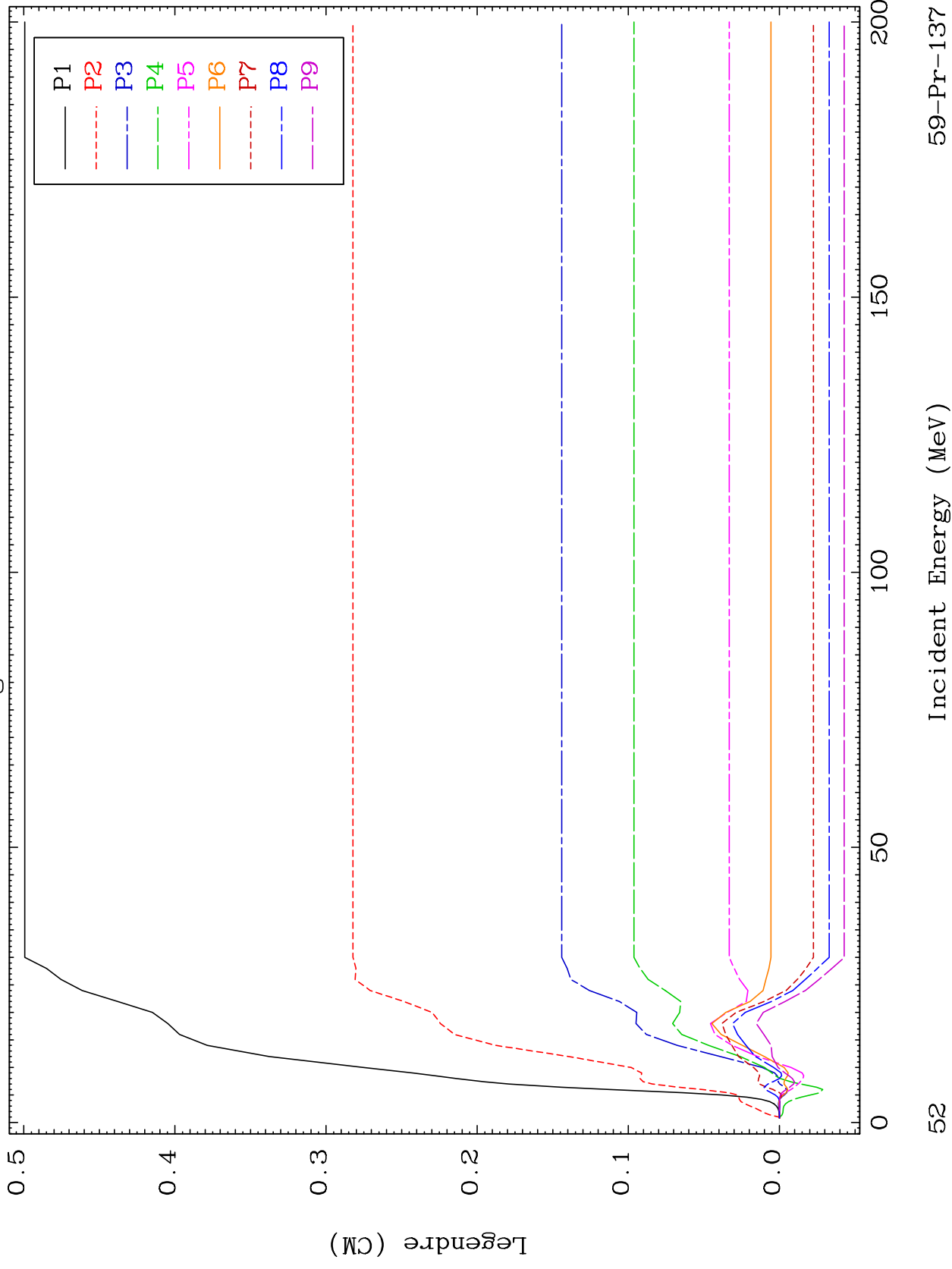
50



MAT 5913

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

59-Pr-137



59-Pr-137

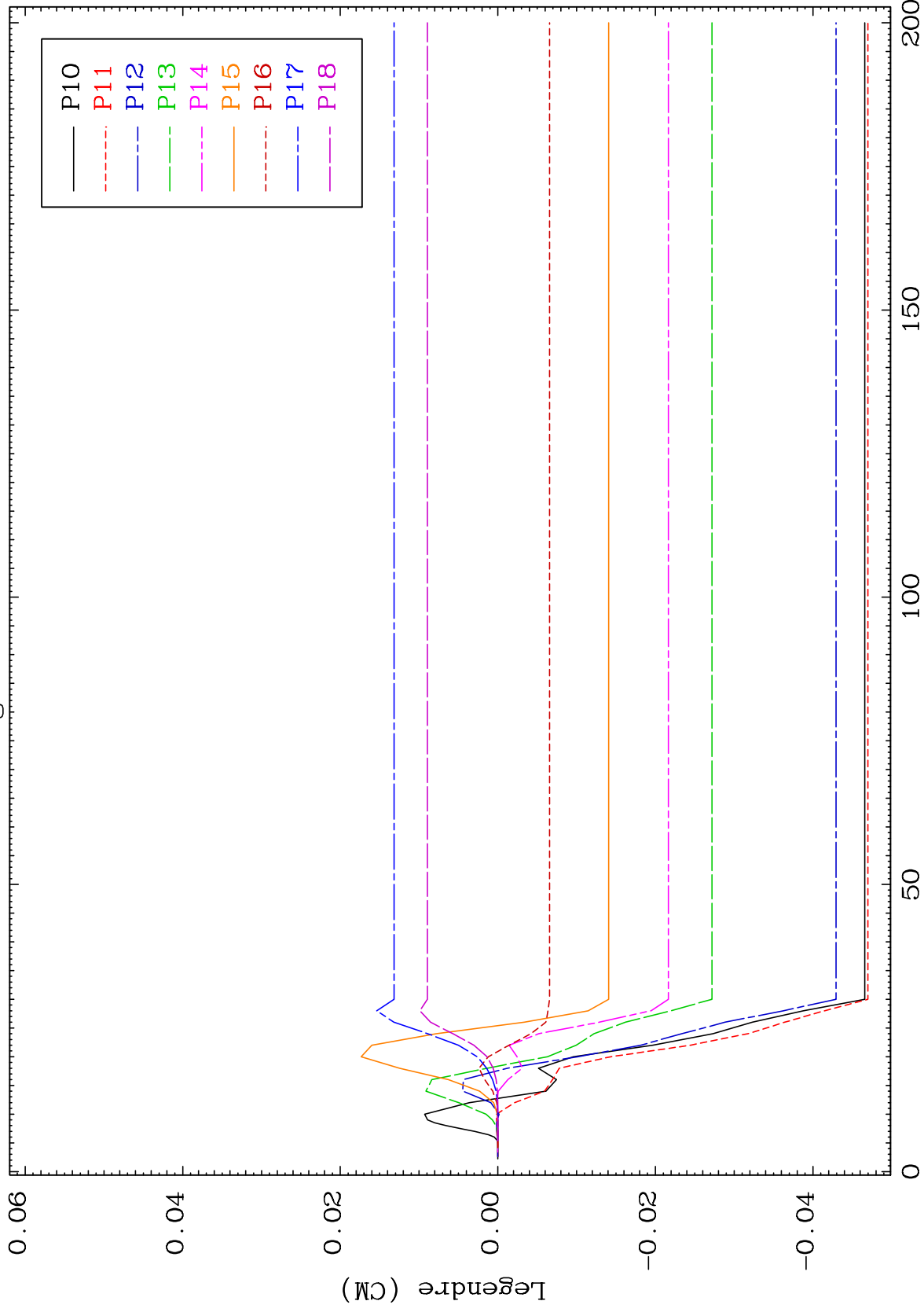
Incident Energy (MeV)

52

MAT 5913

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

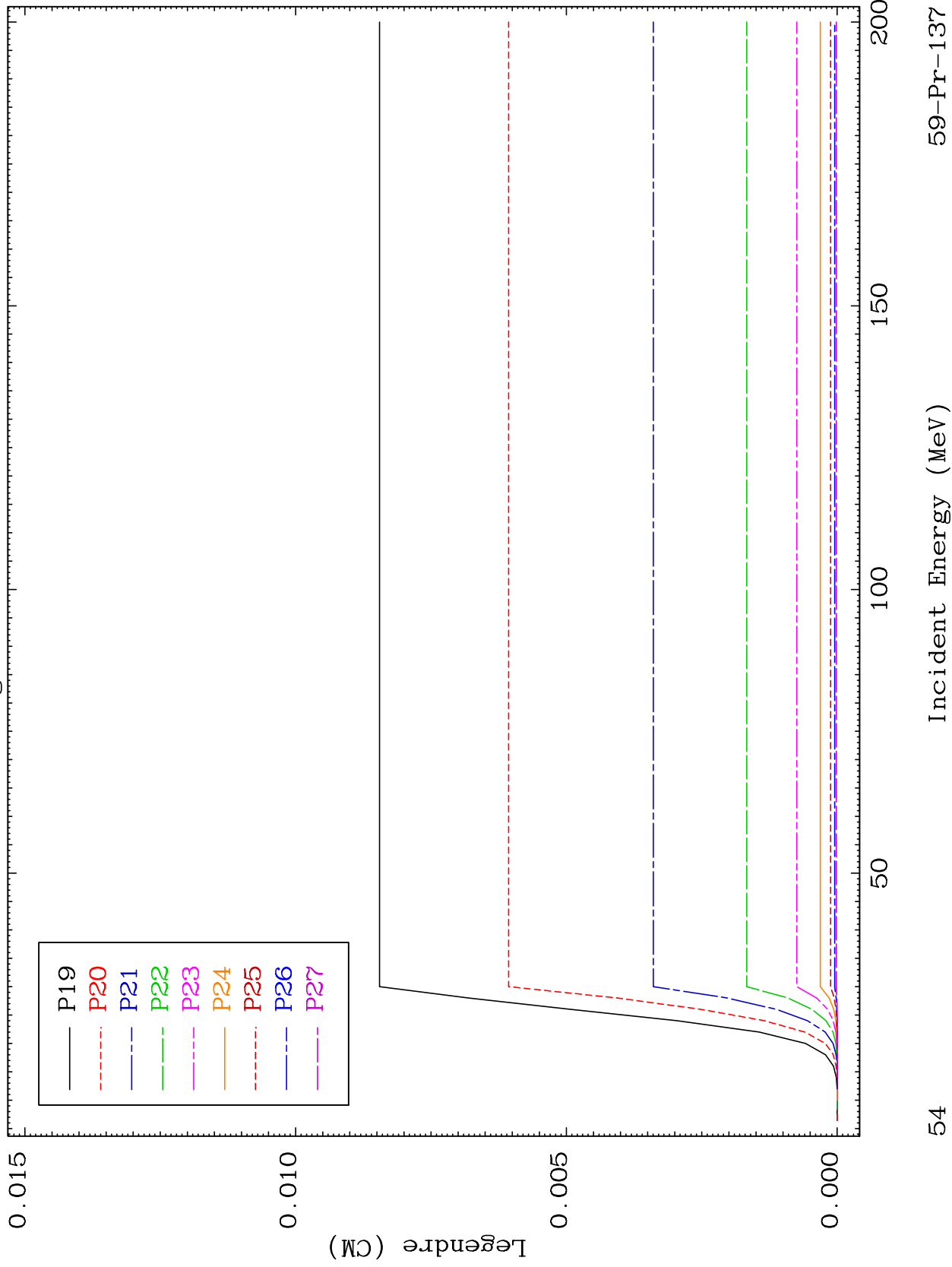
59-Pr-137



53

Incident Energy (MeV)

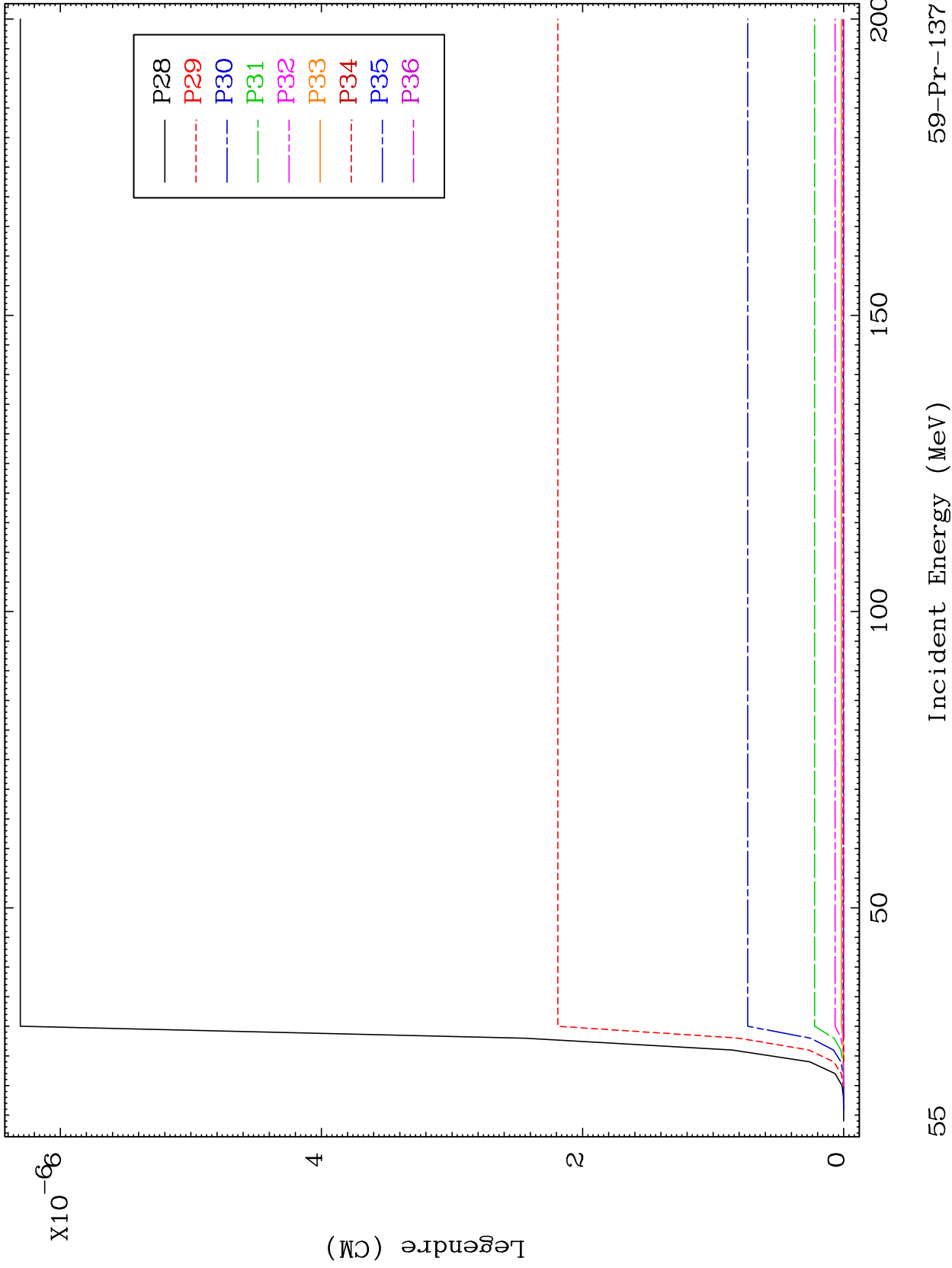
59-Pr-137



MAT 5913

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

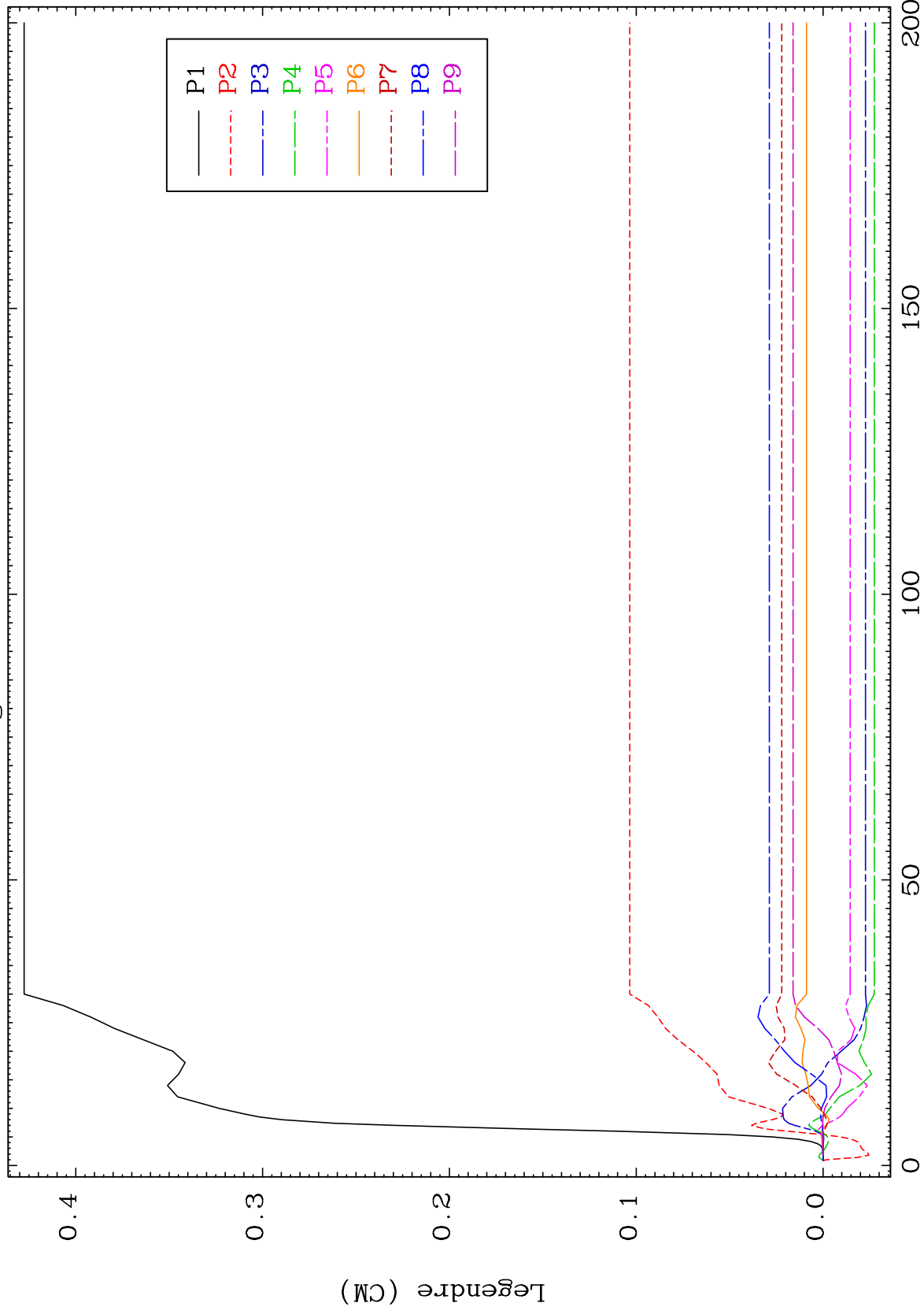
59-Pr-137



MAT 5913

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

59-Pr-137



59-Pr-137

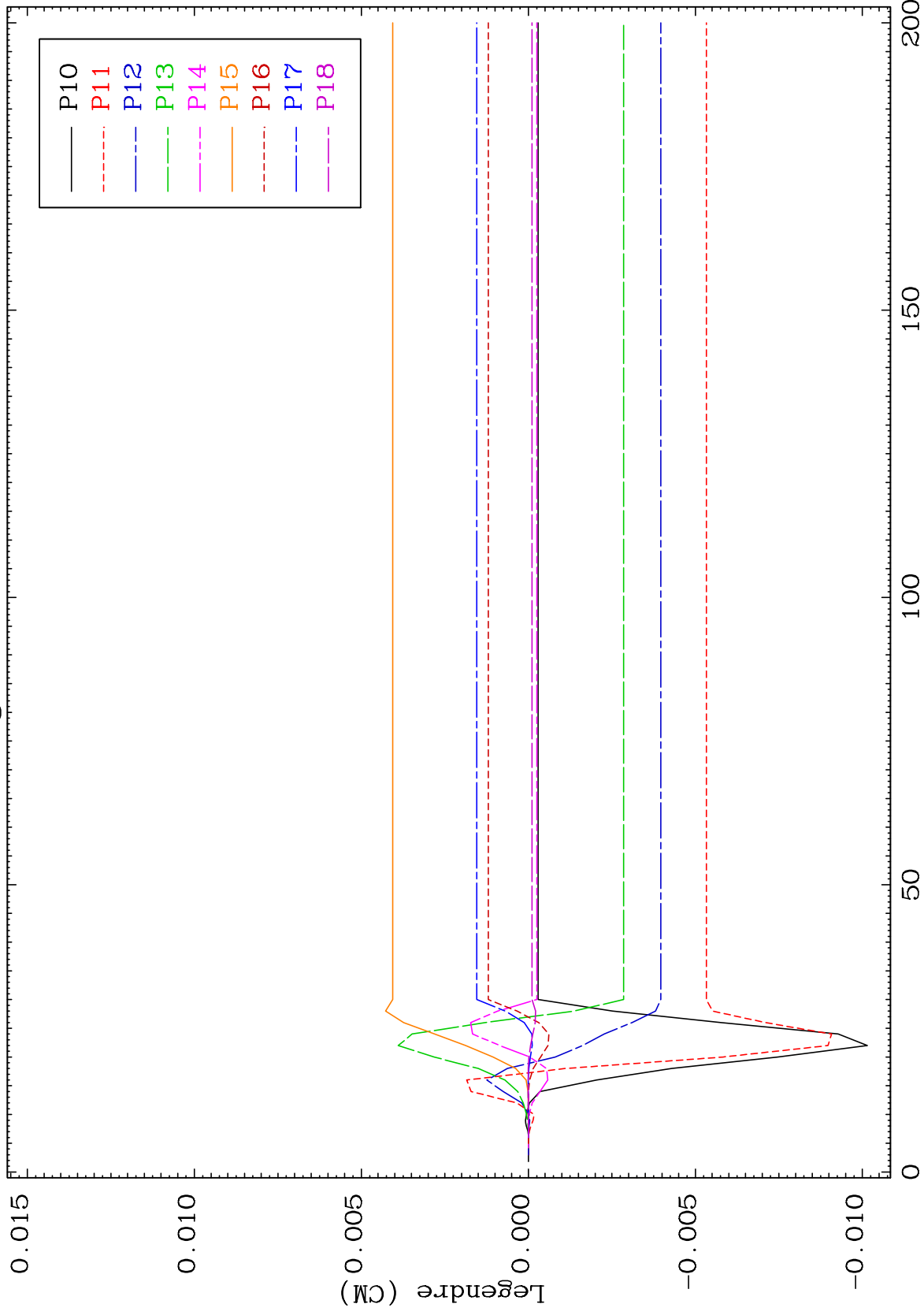
Incident Energy (MeV)

56

MAT 5913

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

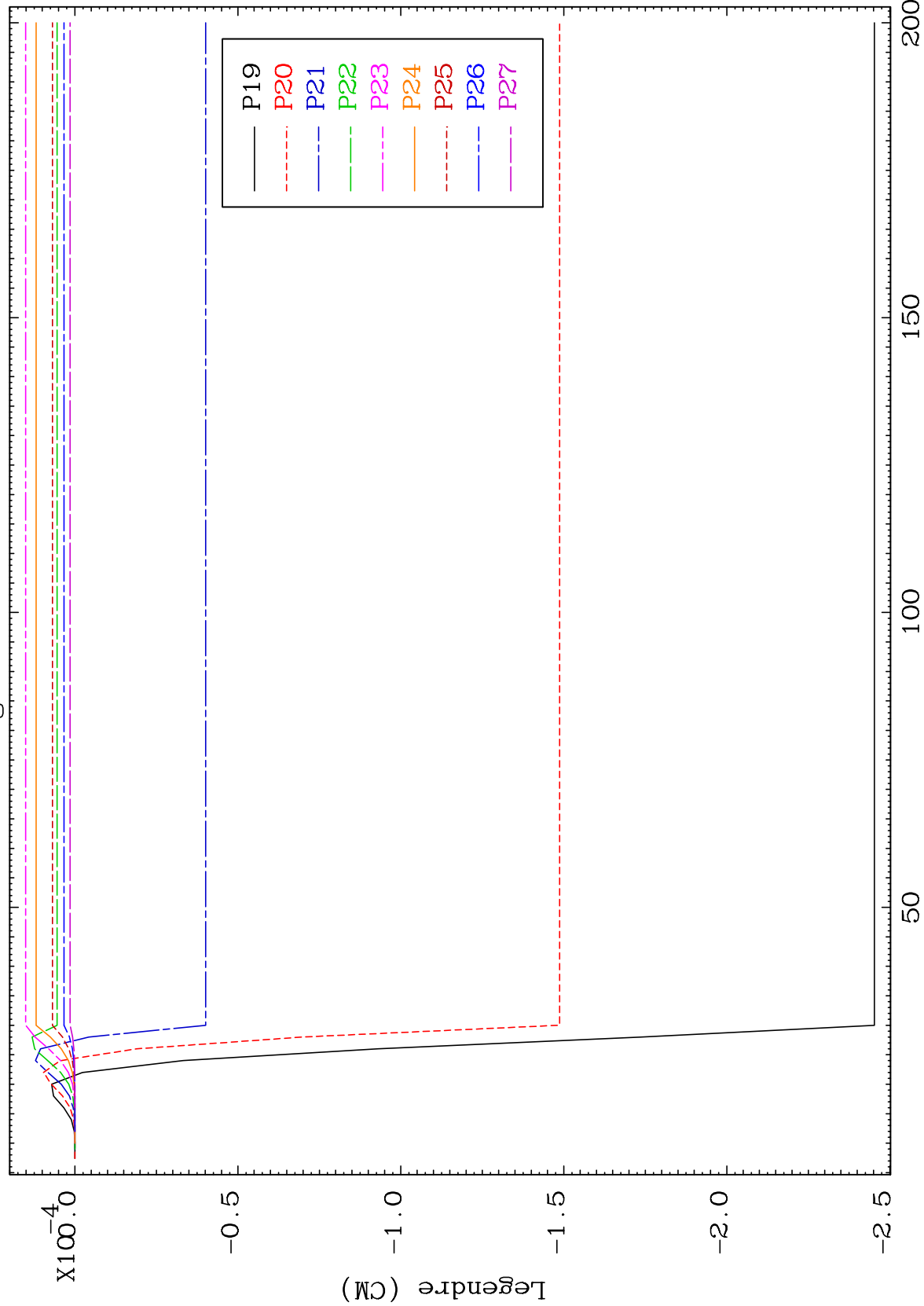
59-Pr-137



57

Incident Energy (MeV)

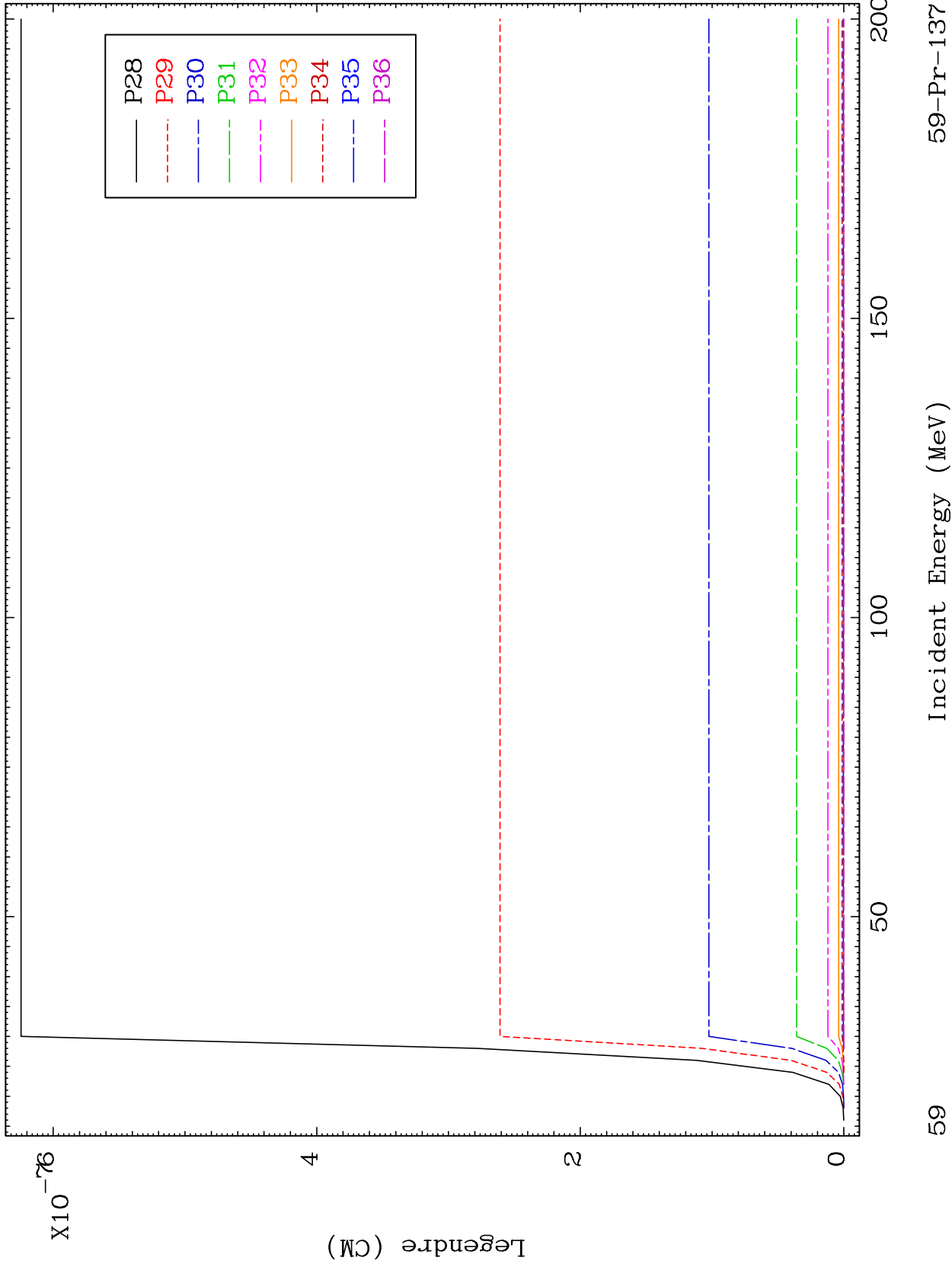
59-Pr-137



MAT 5913

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

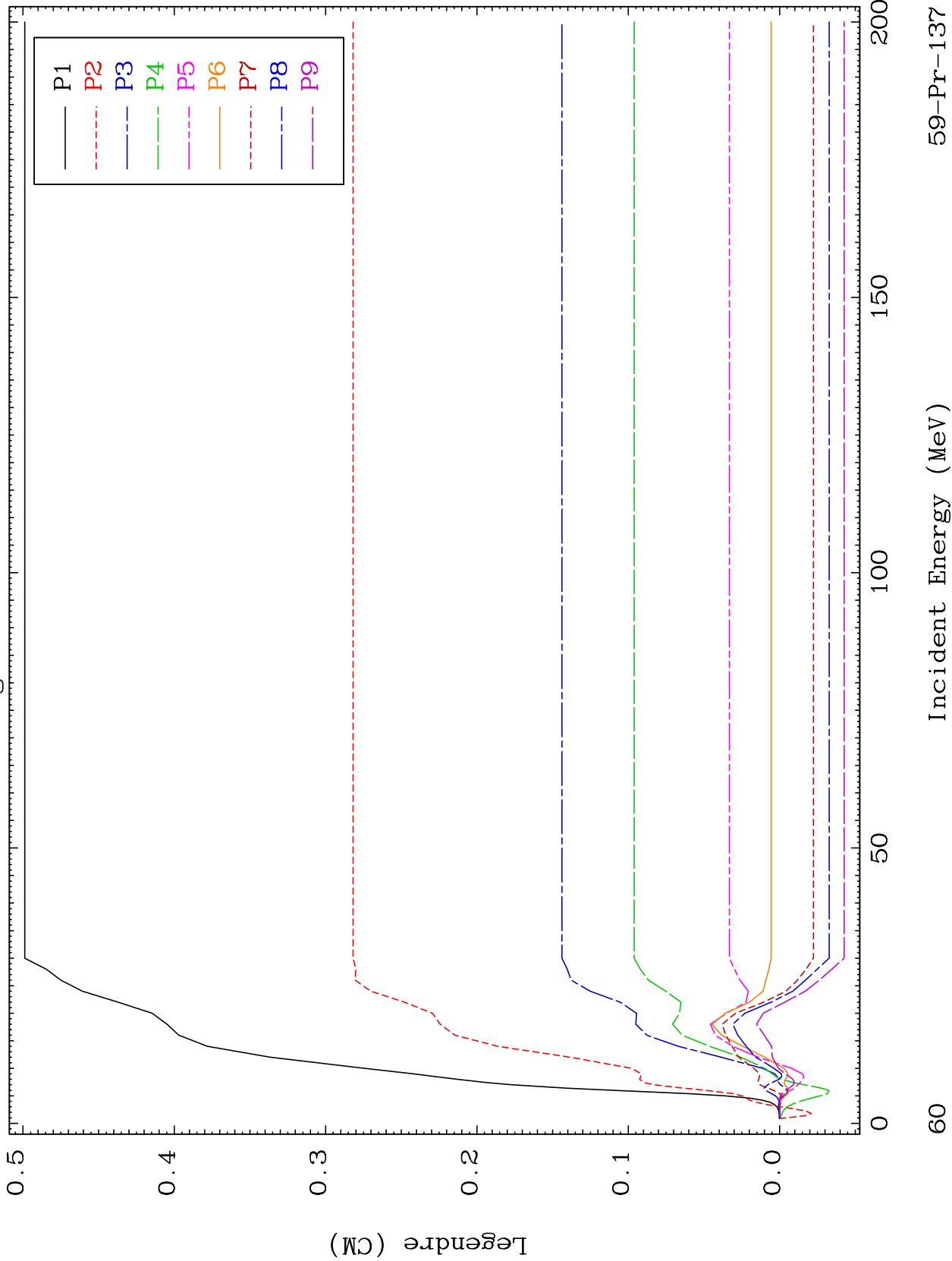
59-Pr-137



MAT 5913

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

59-Pr-137



59-Pr-137

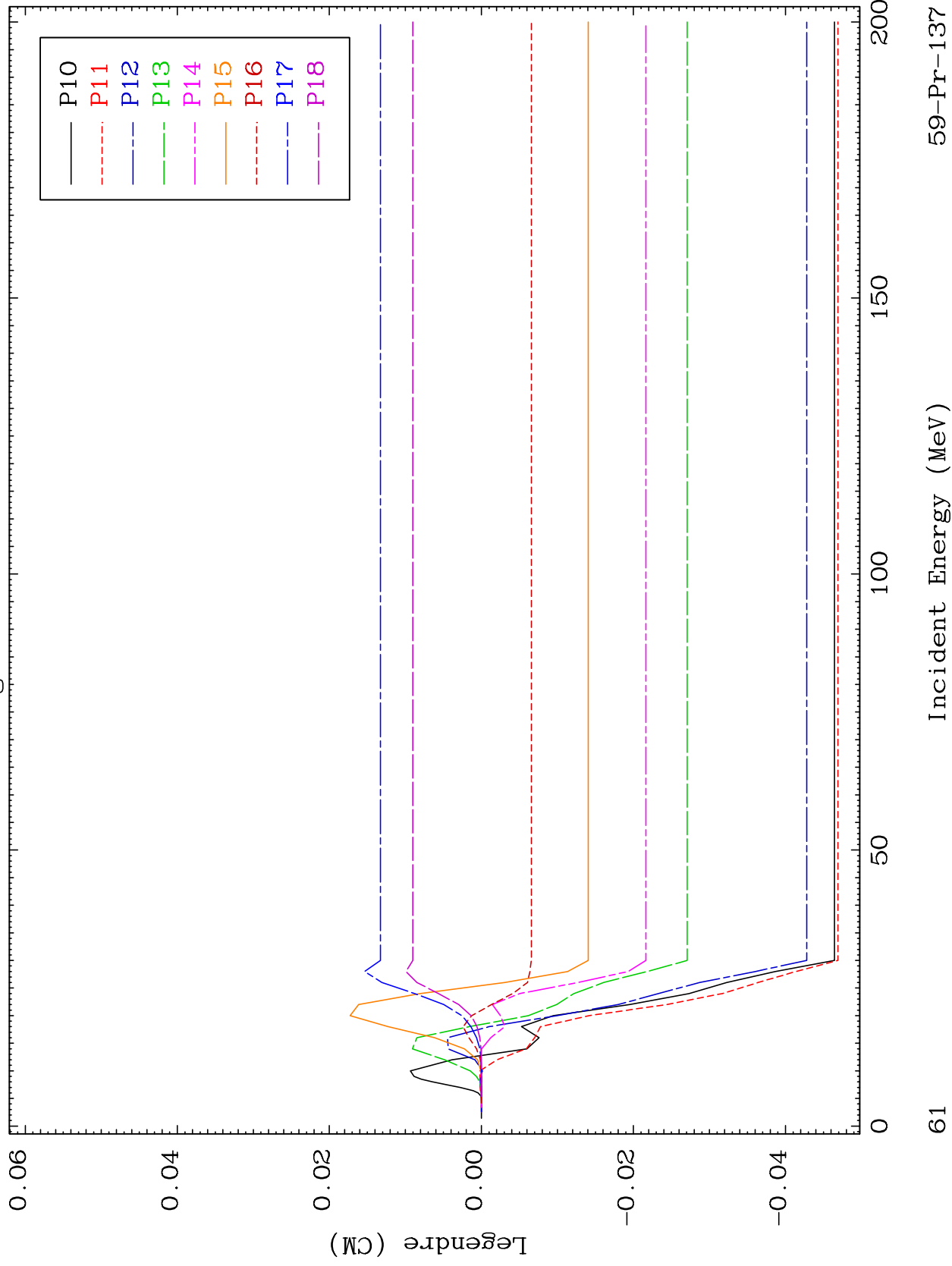
Incident Energy (MeV)

60

MAT 5913

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

59-Pr-137



59-Pr-137

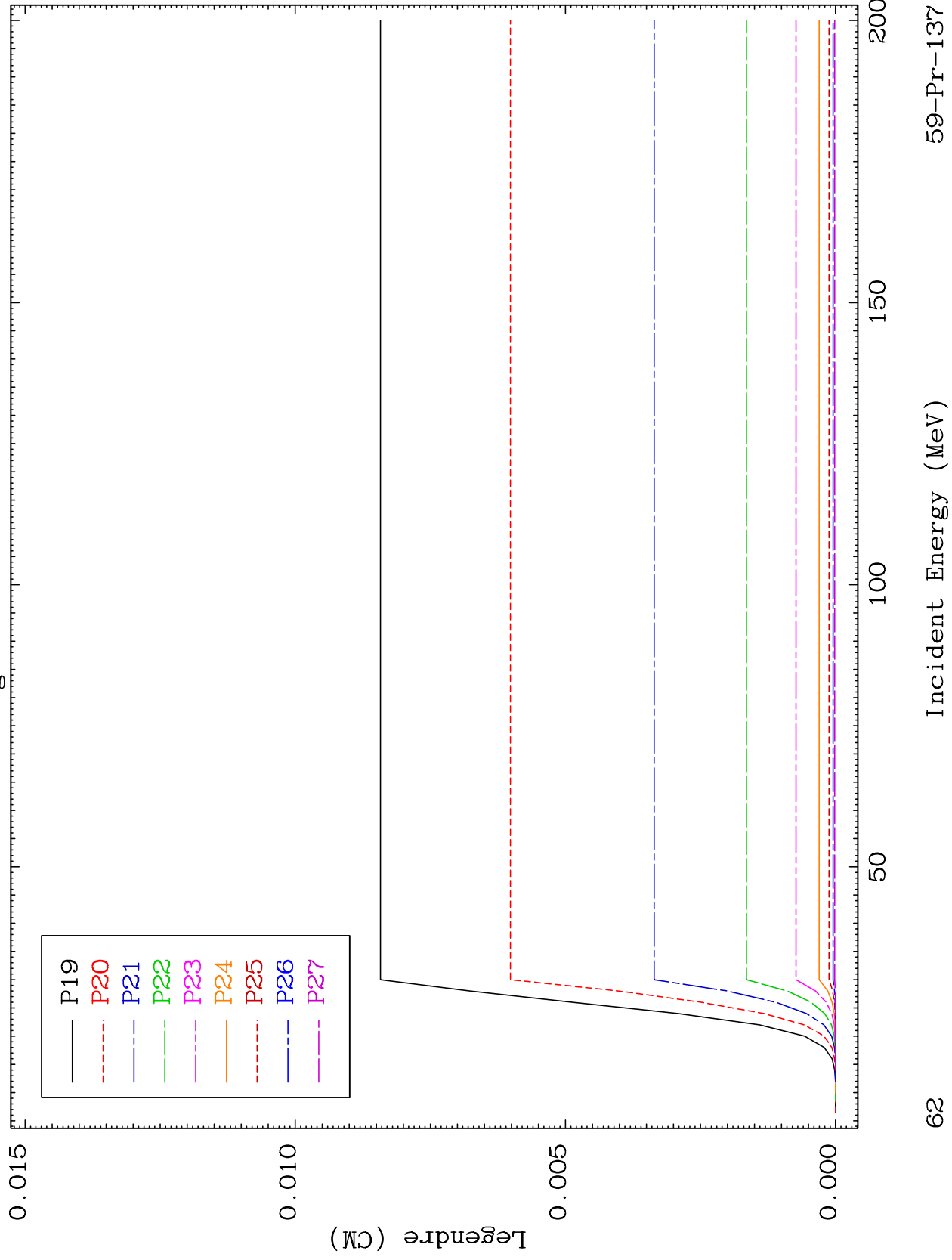
Incident Energy (MeV)

61

MAT 5913

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

59-Pr-137



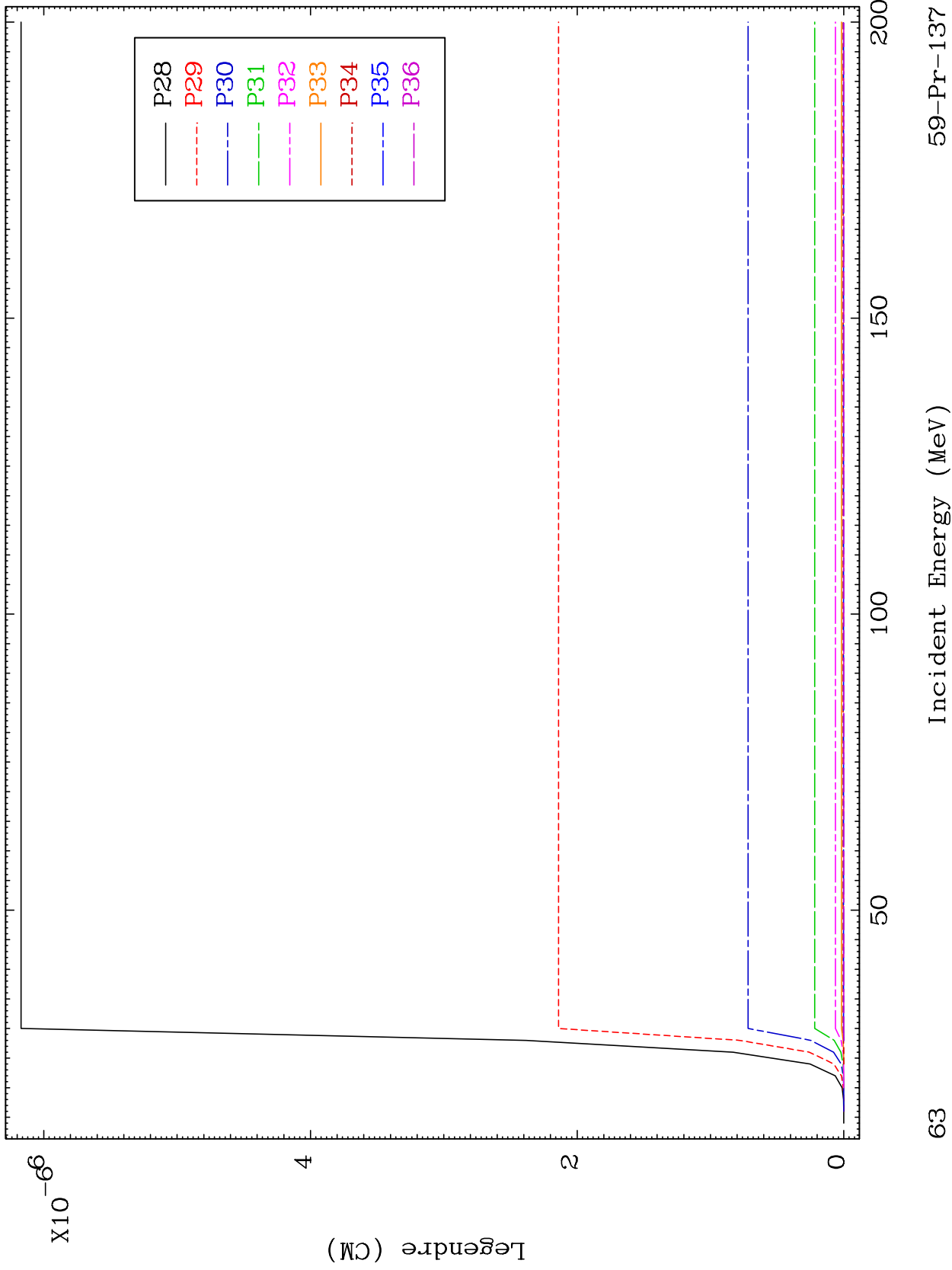
62

59-Pr-137

MAT 5913

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

59-Pr-137



63

Incident Energy (MeV)

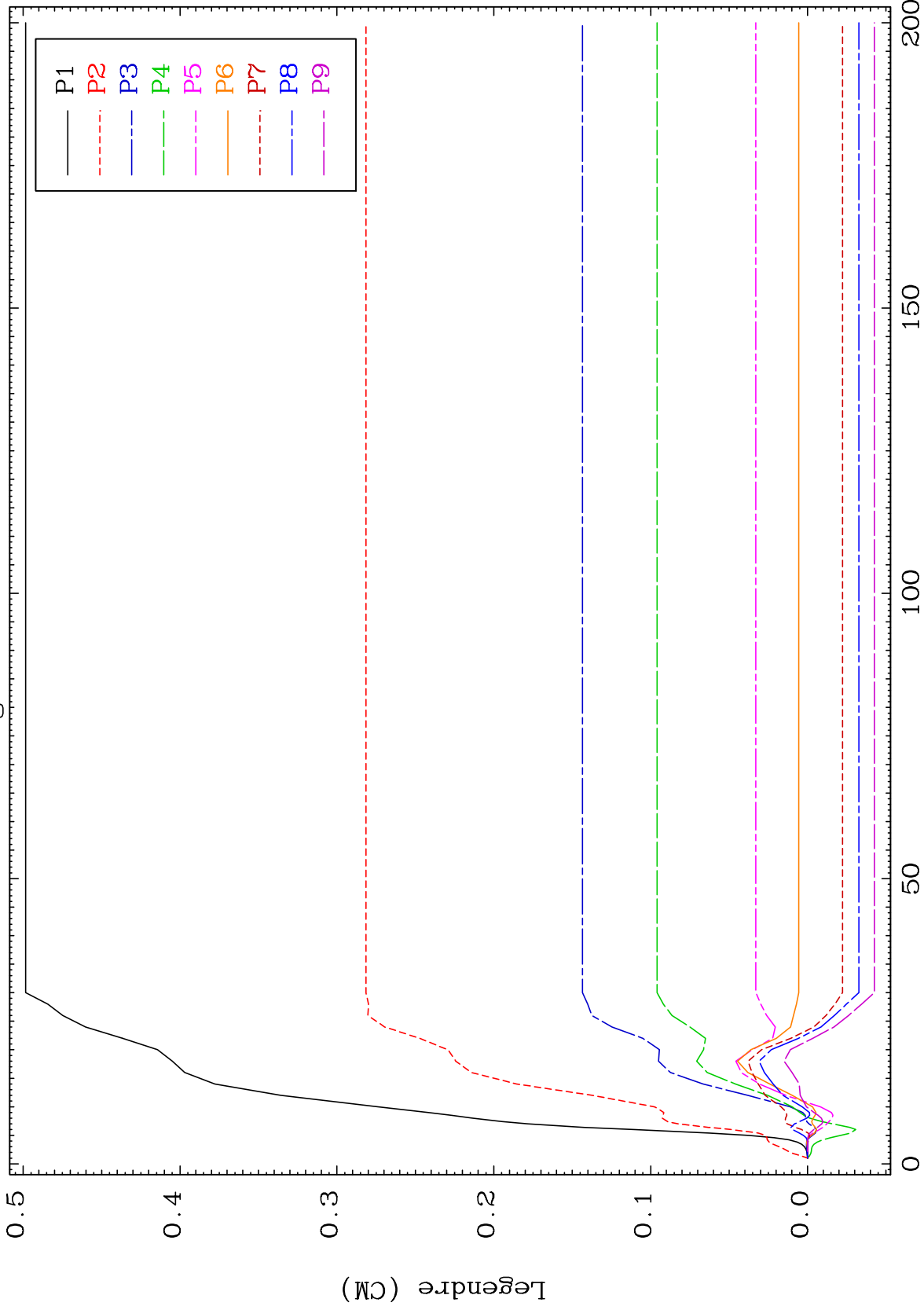
59-Pr-137

MAT 5913

MT= 62 (n,n') Level

59-Pr-137

Legendre Coefficients



64

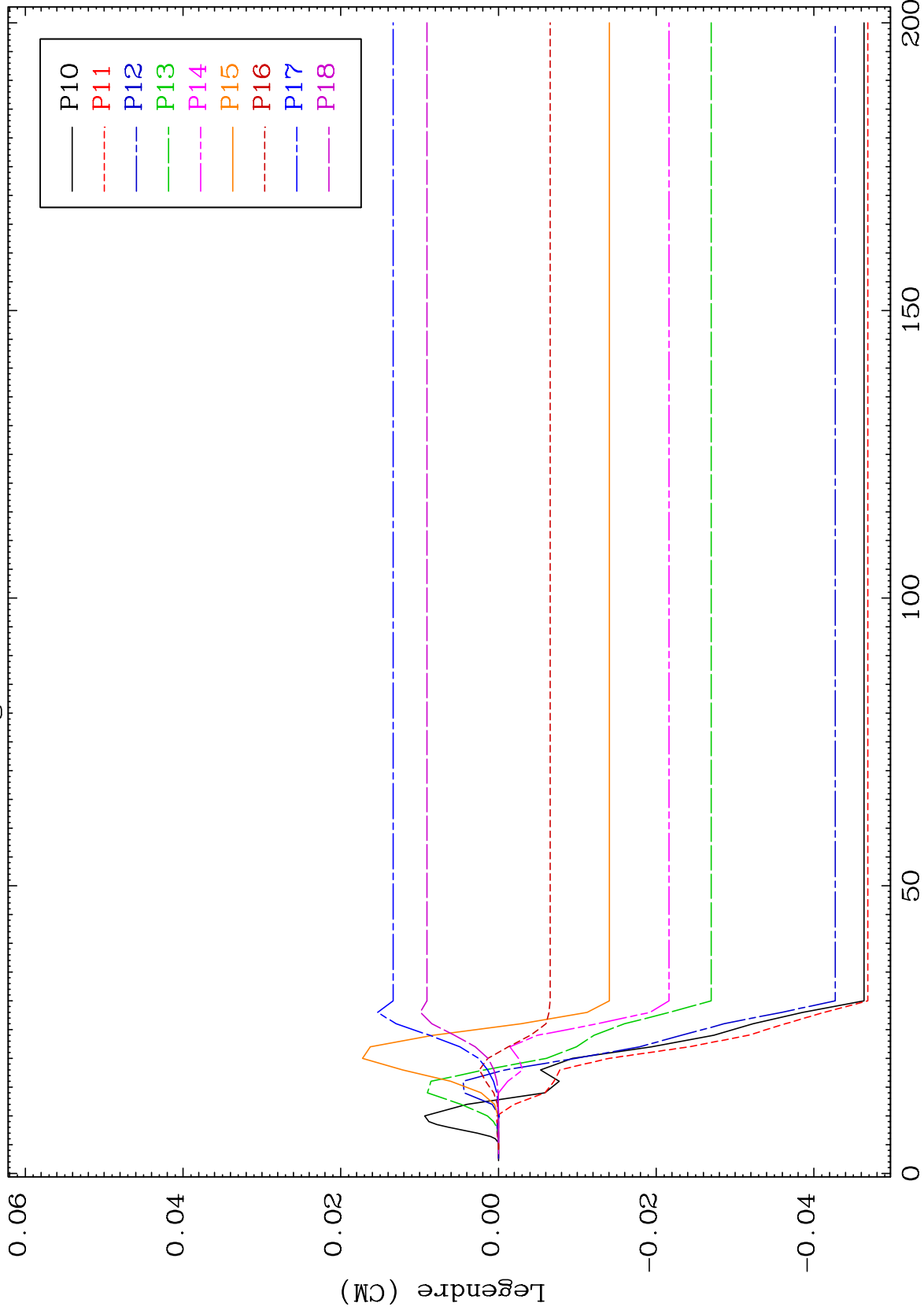
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

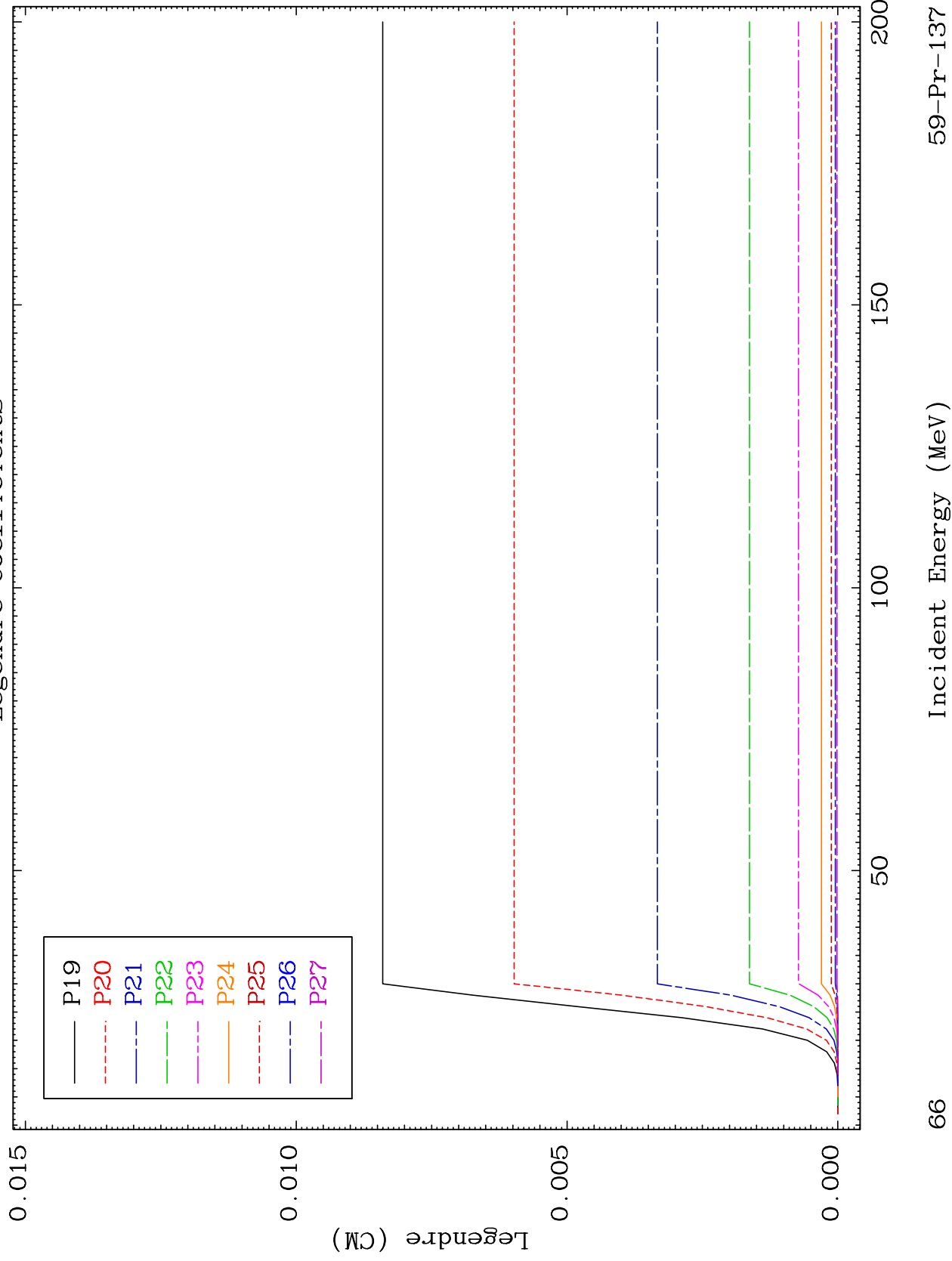
59-Pr-137



65

Incident Energy (MeV)

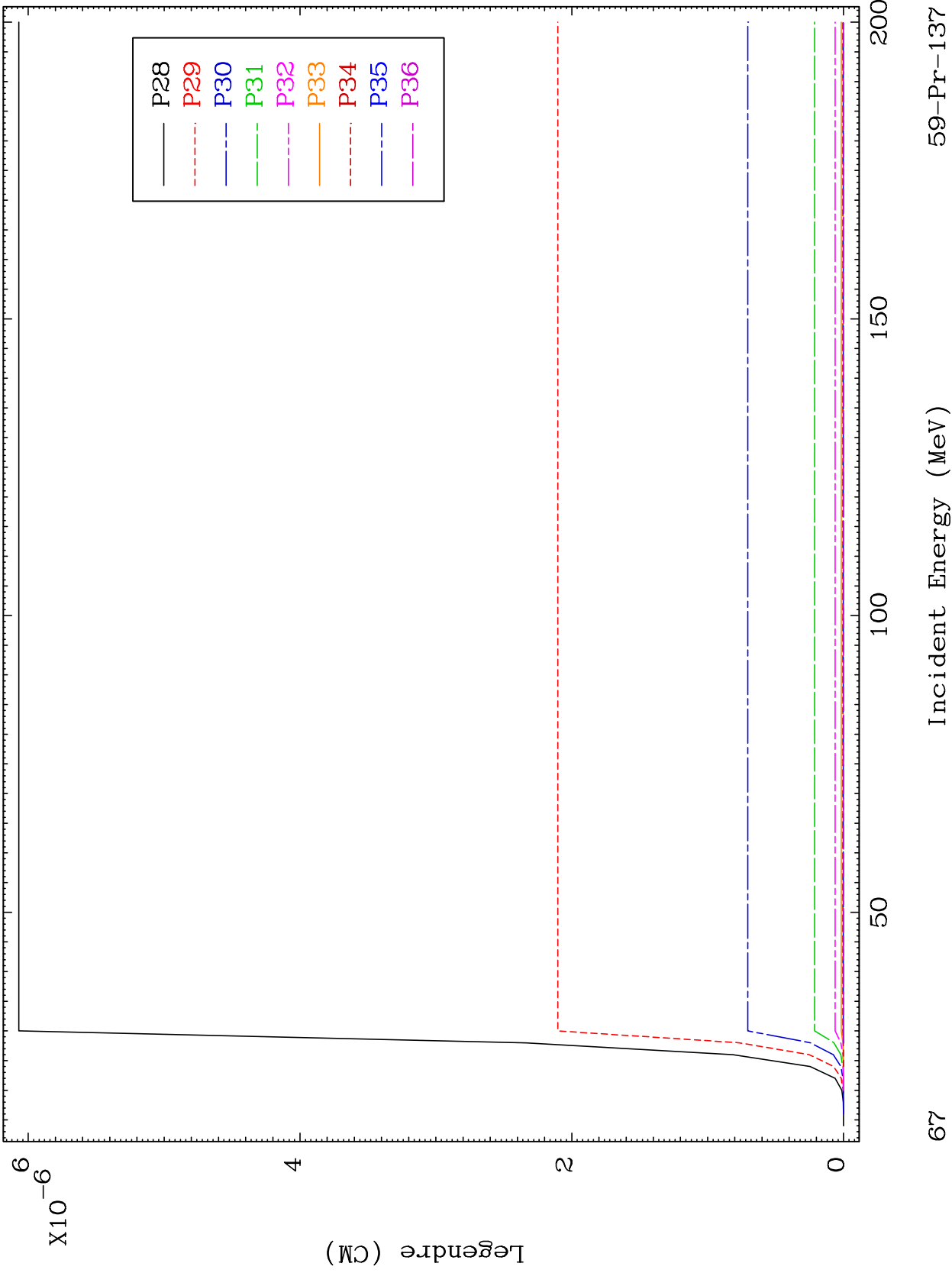
59-Pr-137



MAT 5913

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

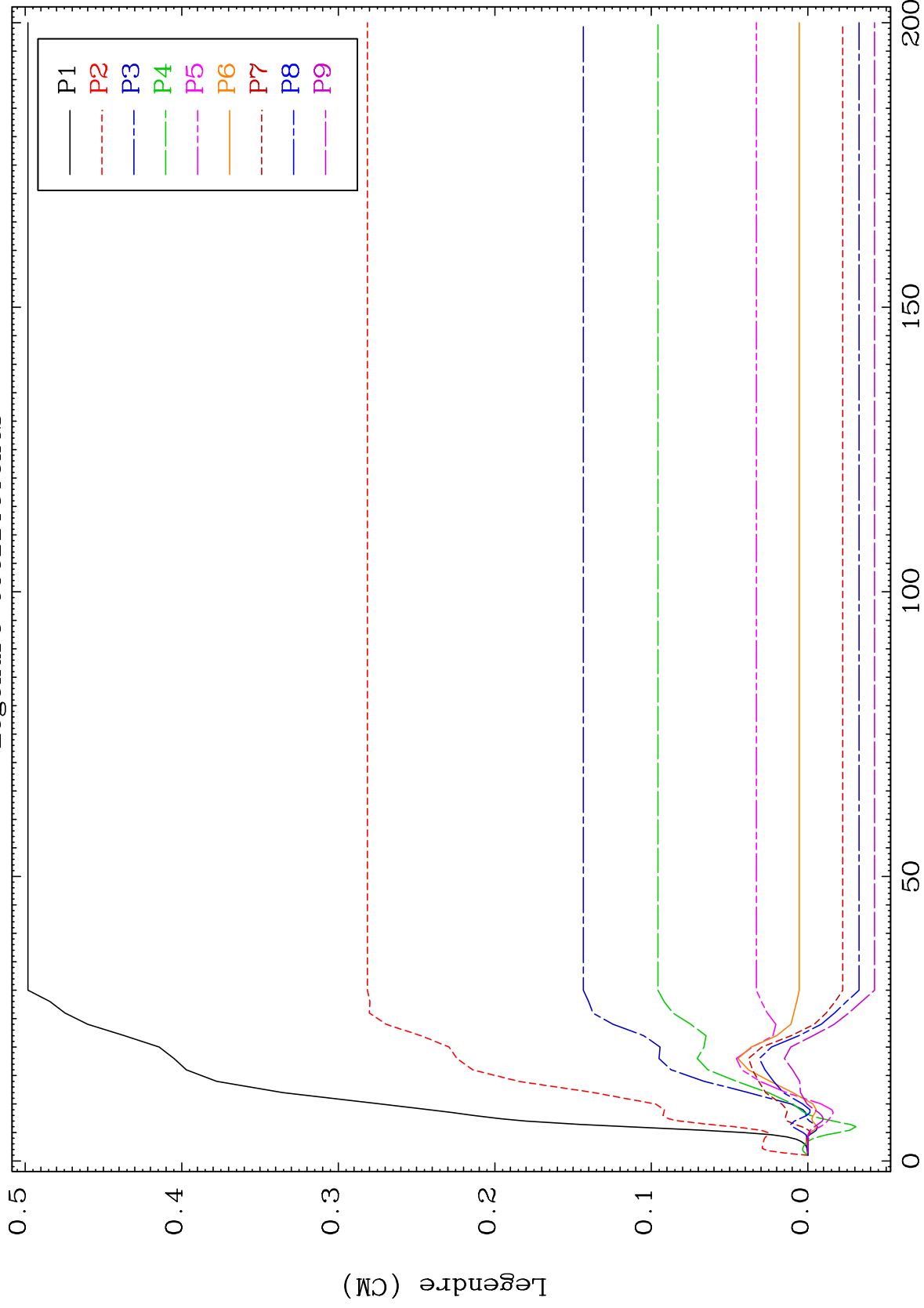
59-Pr-137



MAT 5913

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

59-Pr-137



68

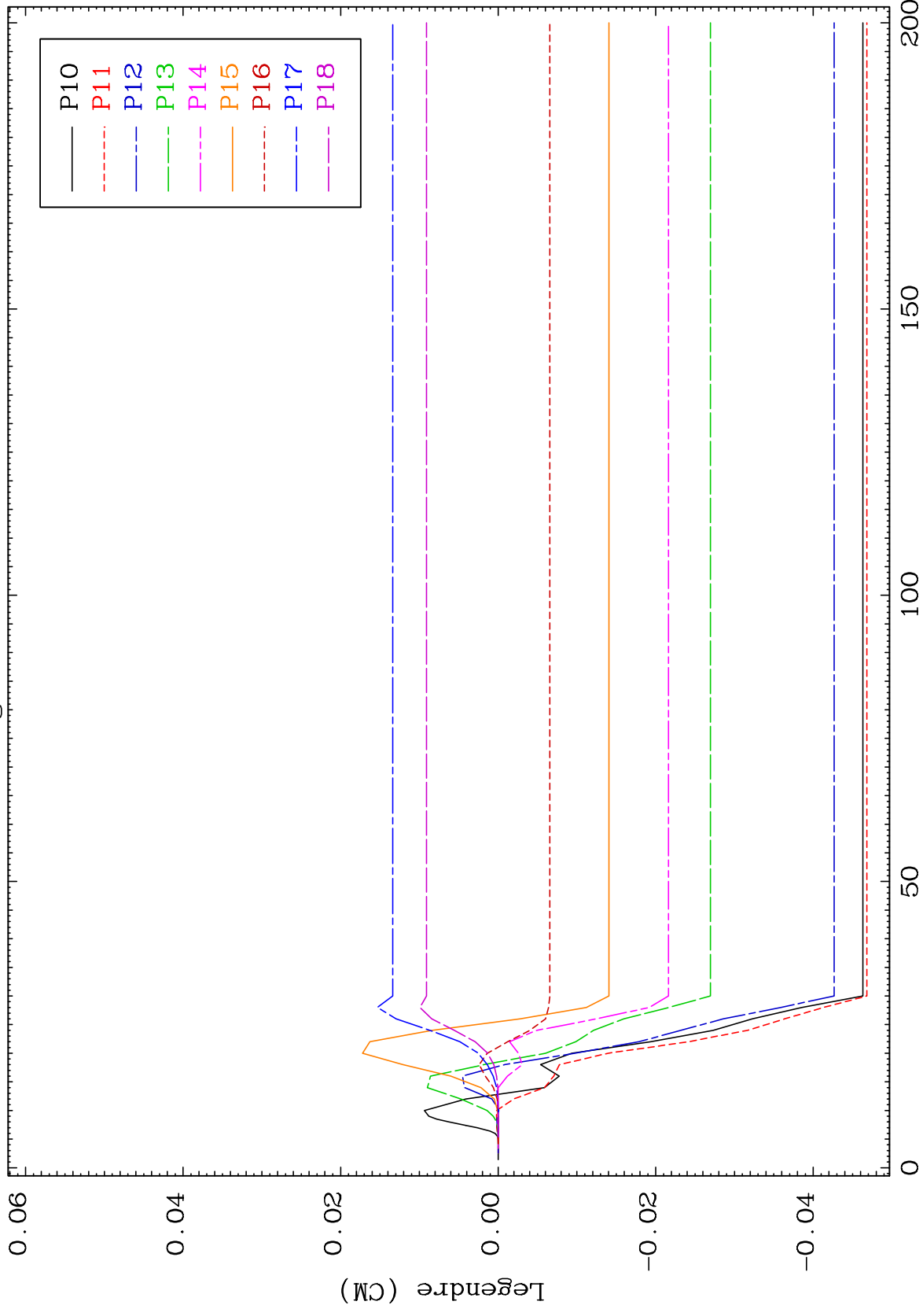
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



69

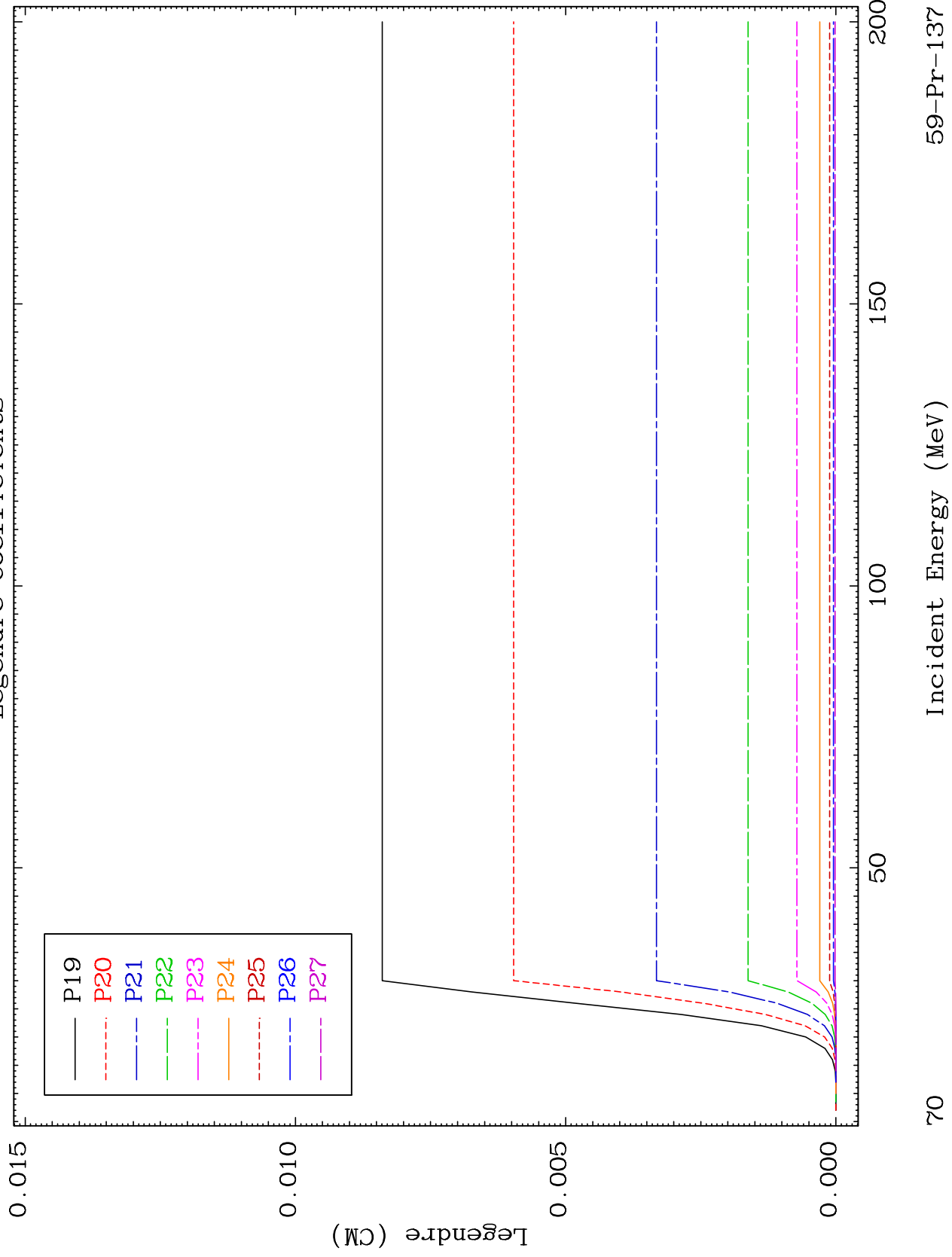
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



70

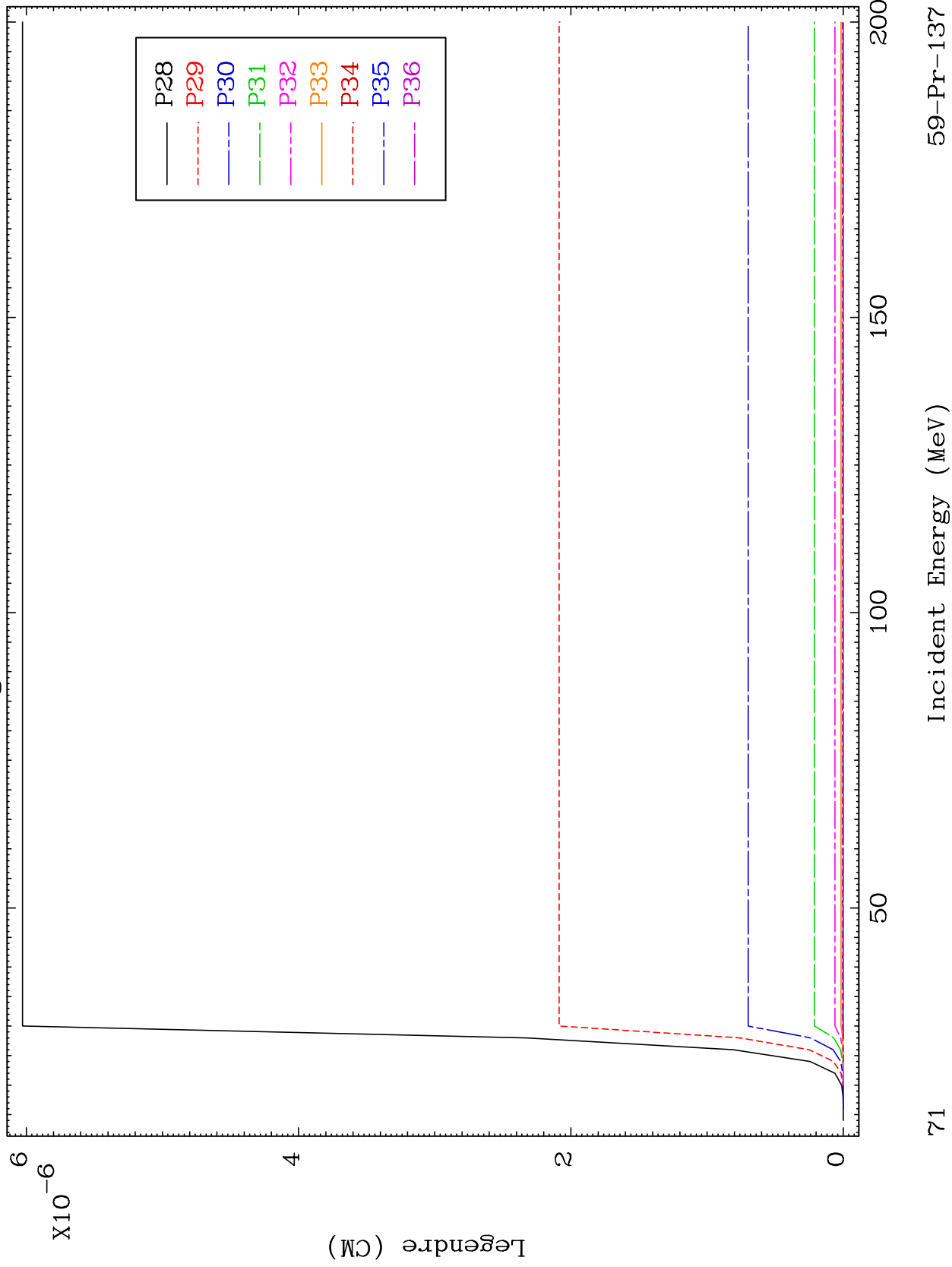
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137

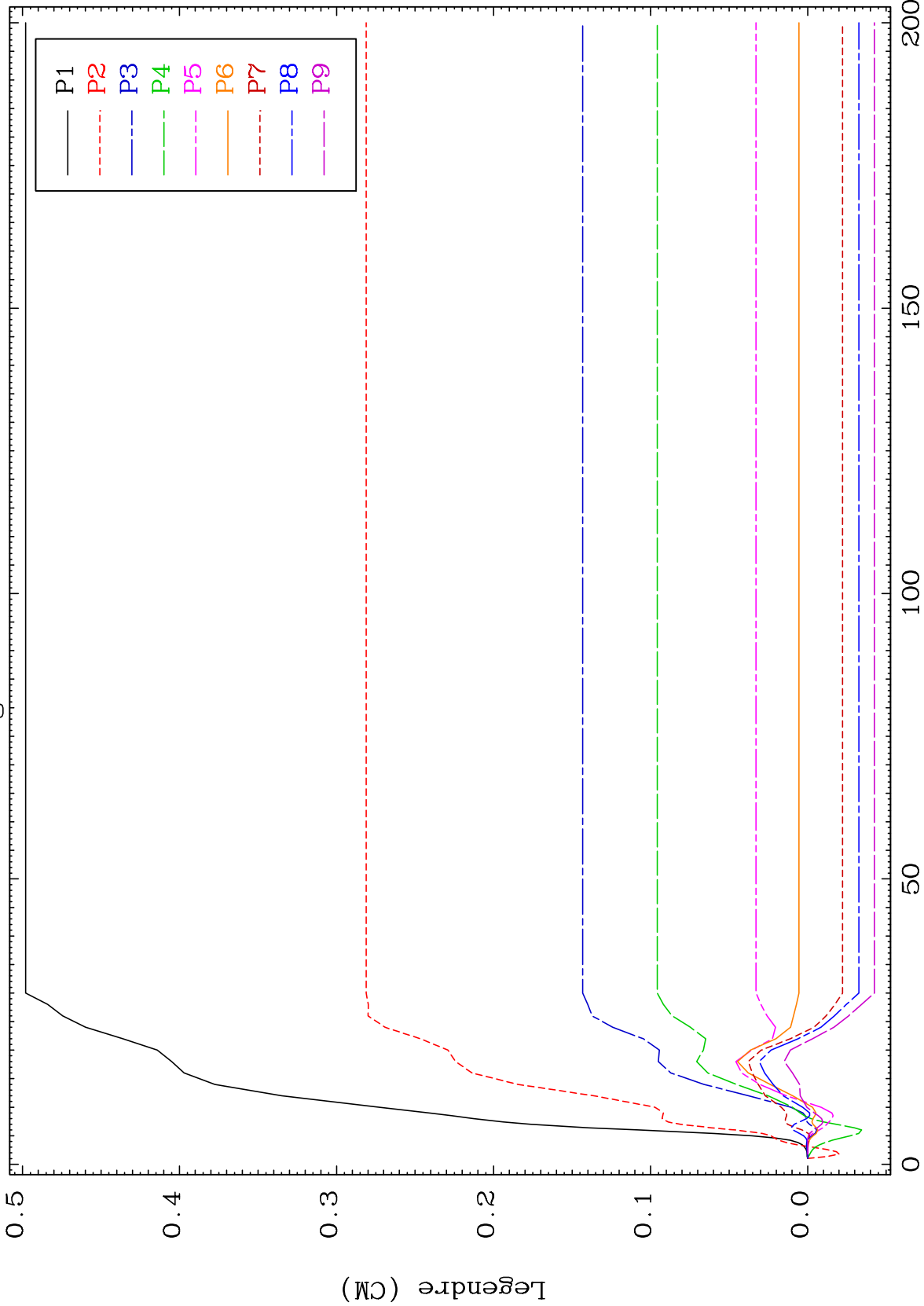


MAT 5913

MT= 64 (n,n') Level

59-Pr-137

Legendre Coefficients



72

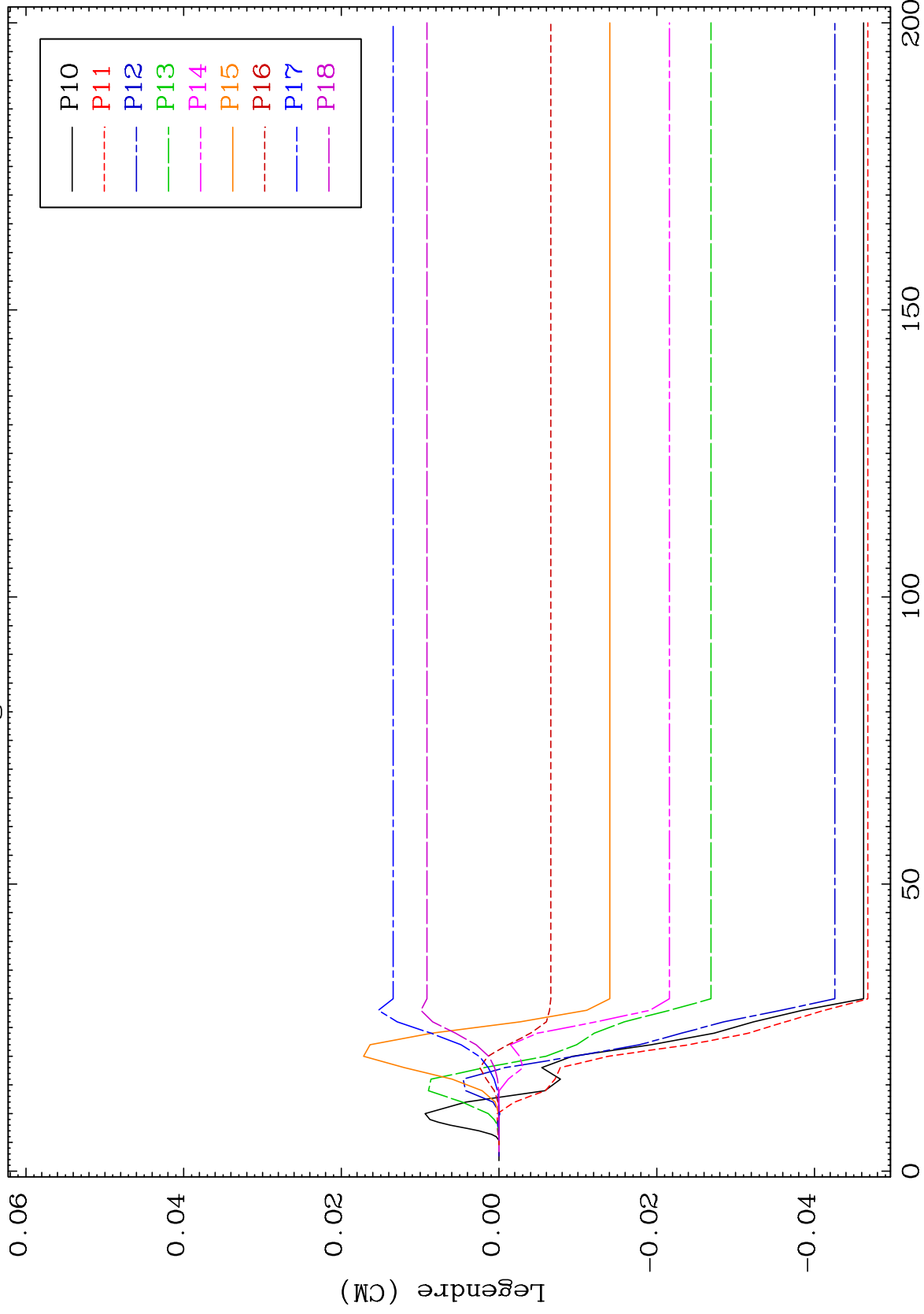
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



73

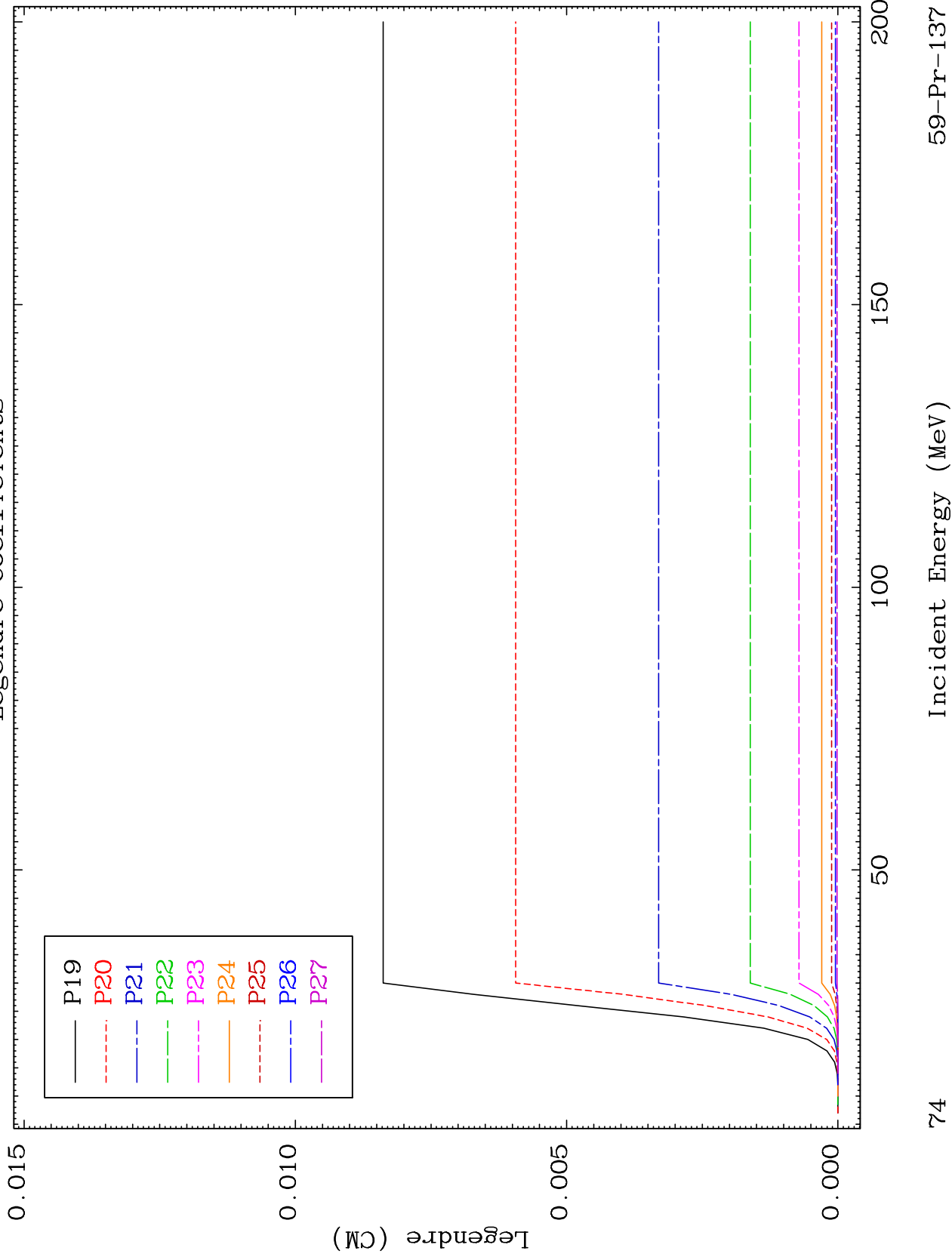
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



74

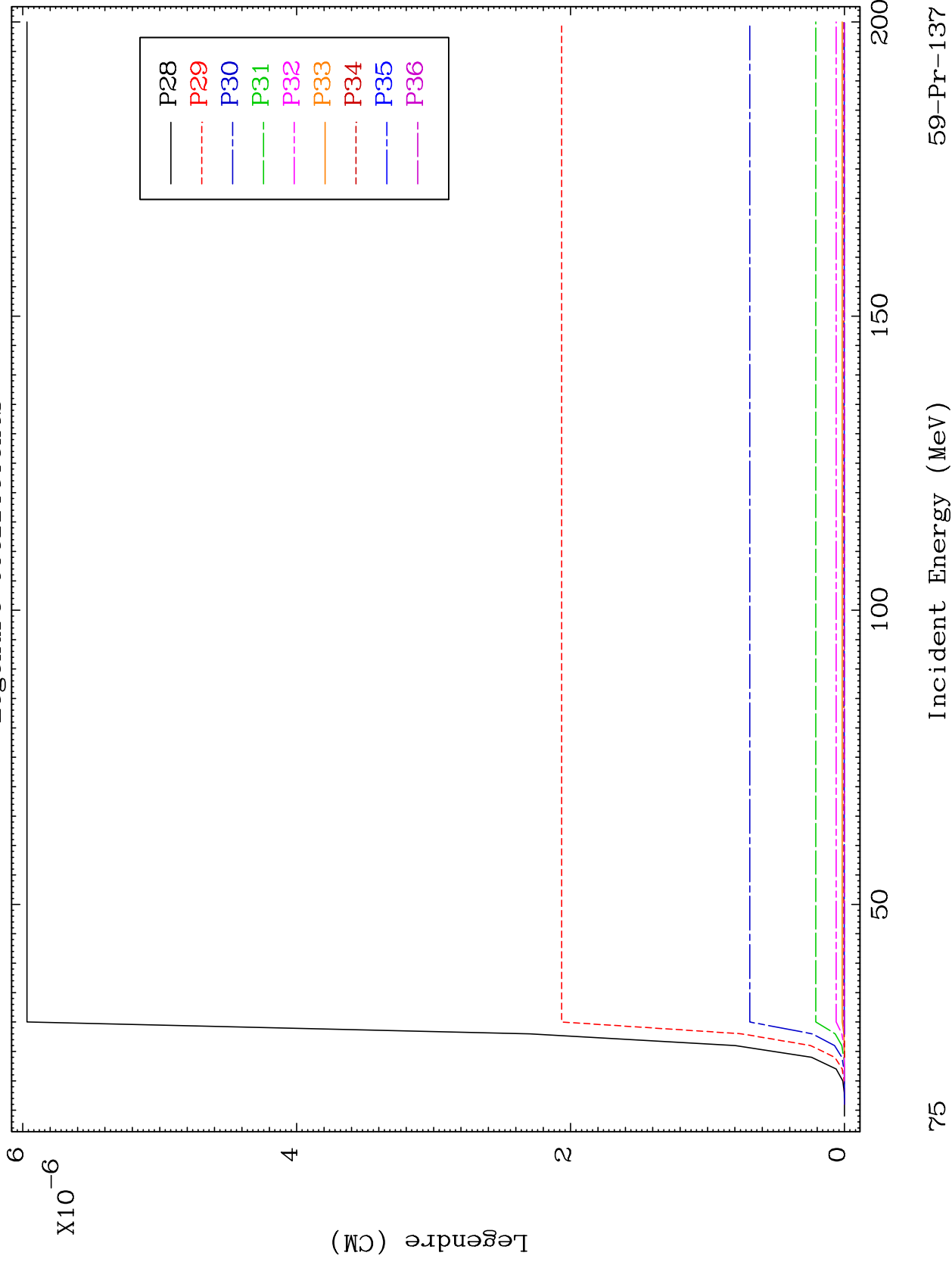
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

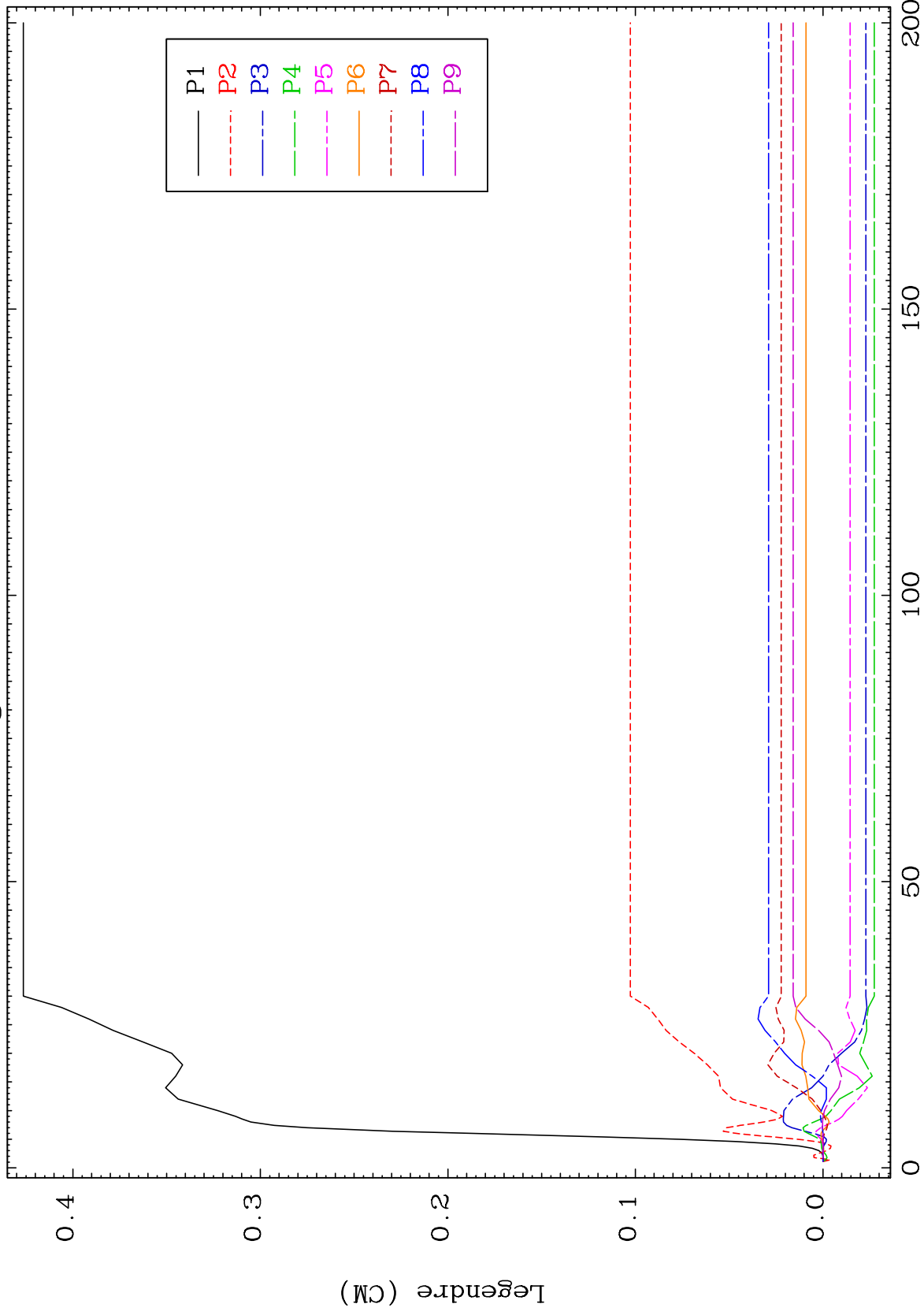
59-Pr-137



MAT 5913

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

59-Pr-137



76

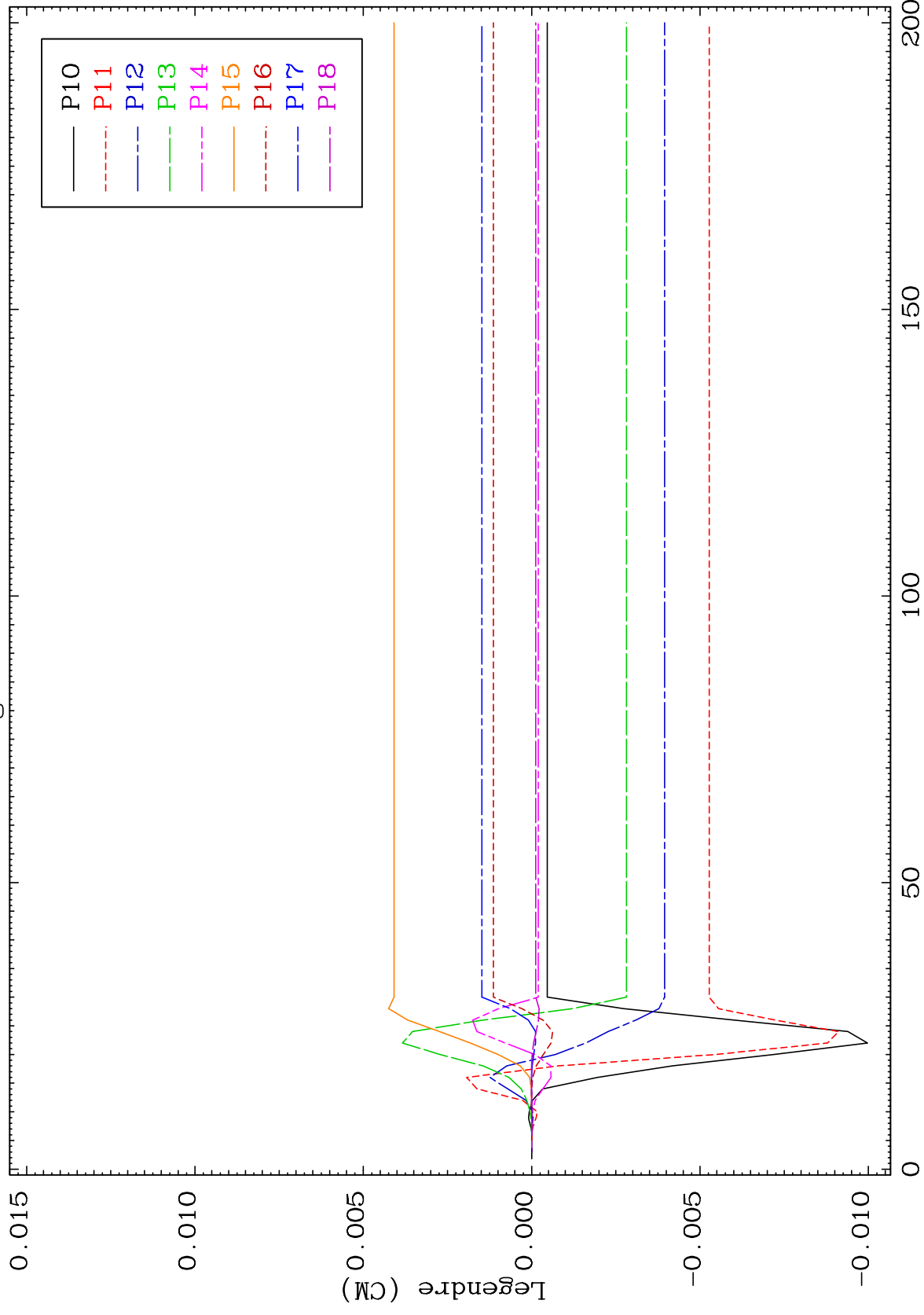
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

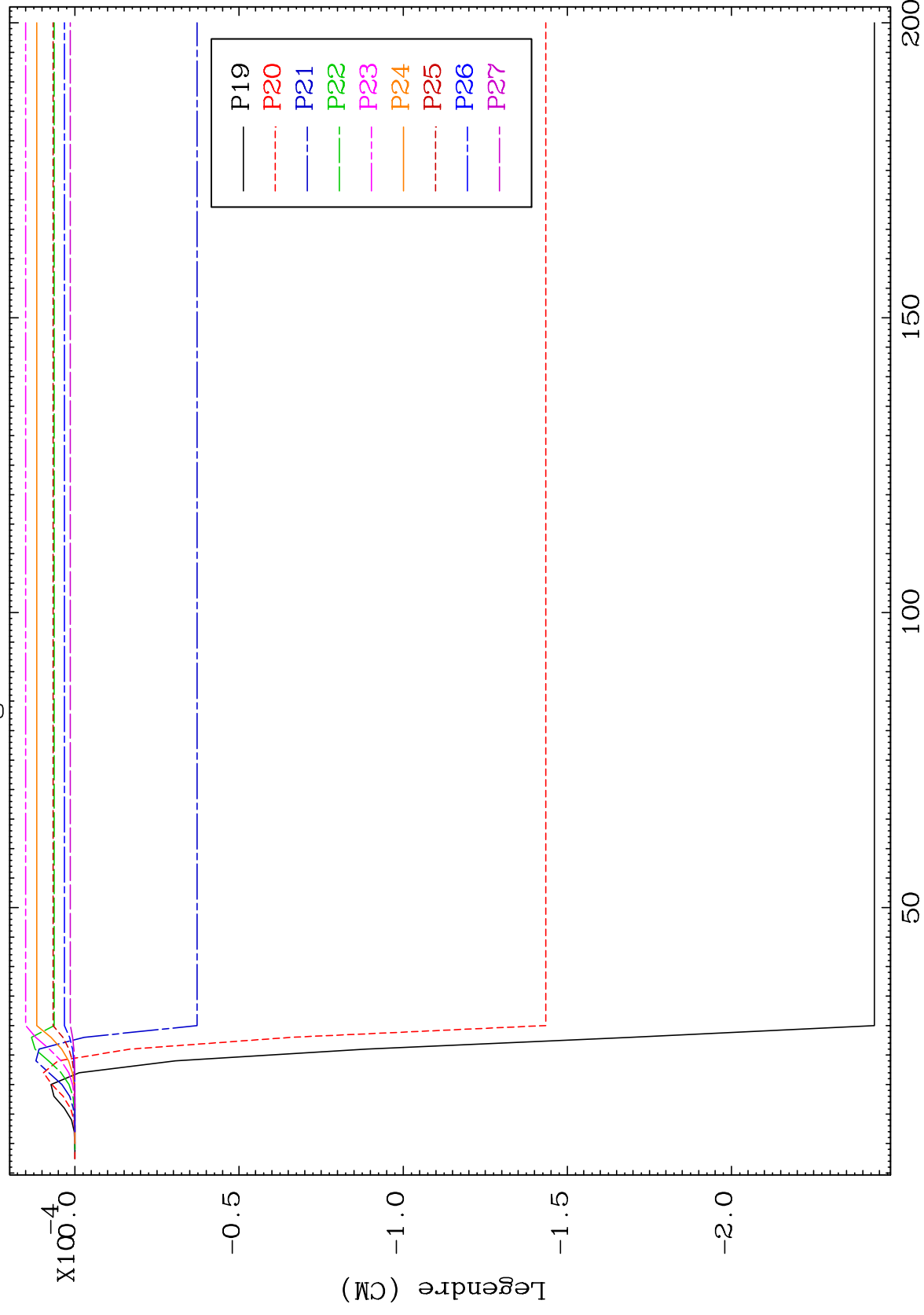
59-Pr-137



77

Incident Energy (MeV)

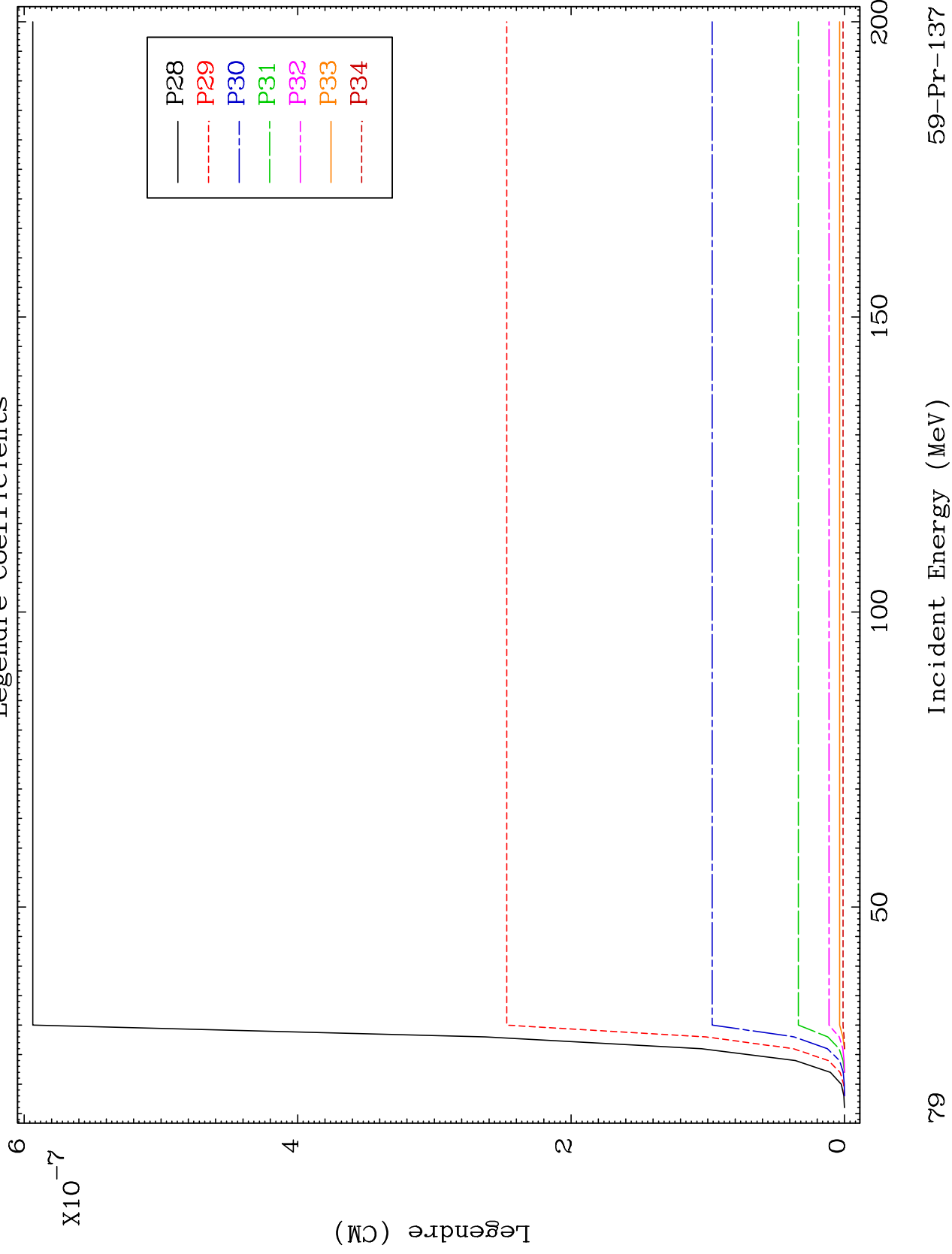
59-Pr-137



MAT 5913

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

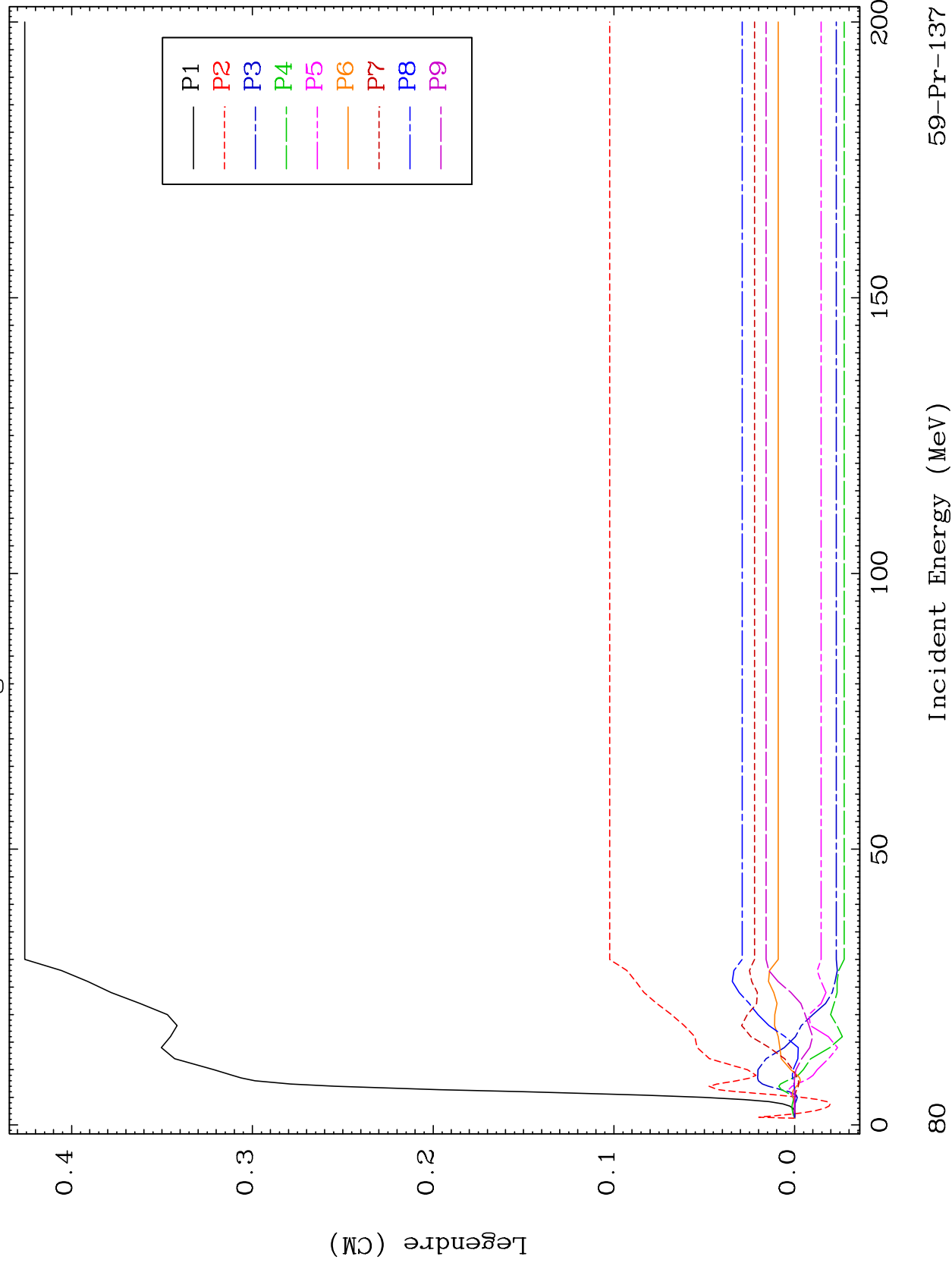
59-Pr-137



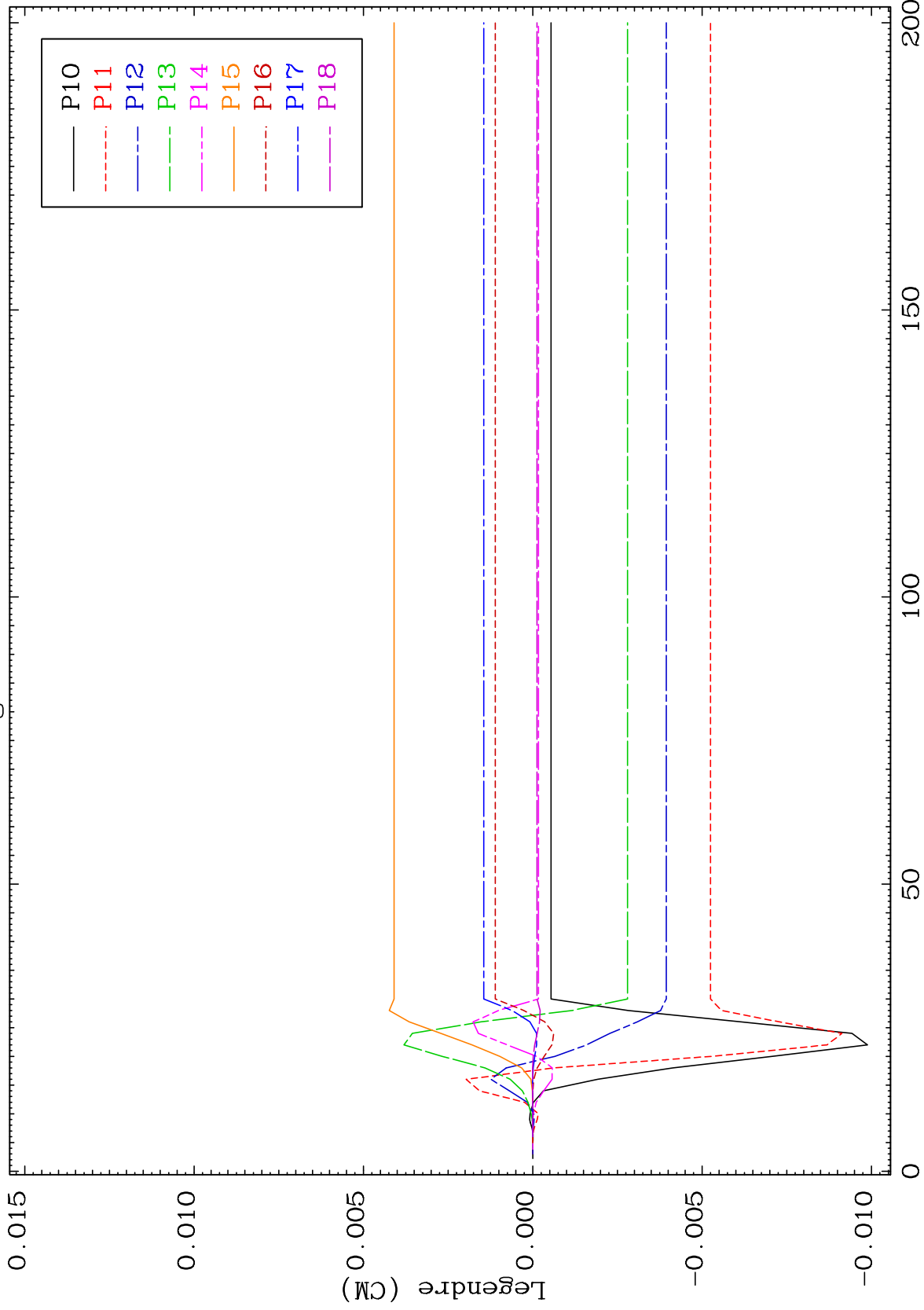
MAT 5913

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

59-Pr-137



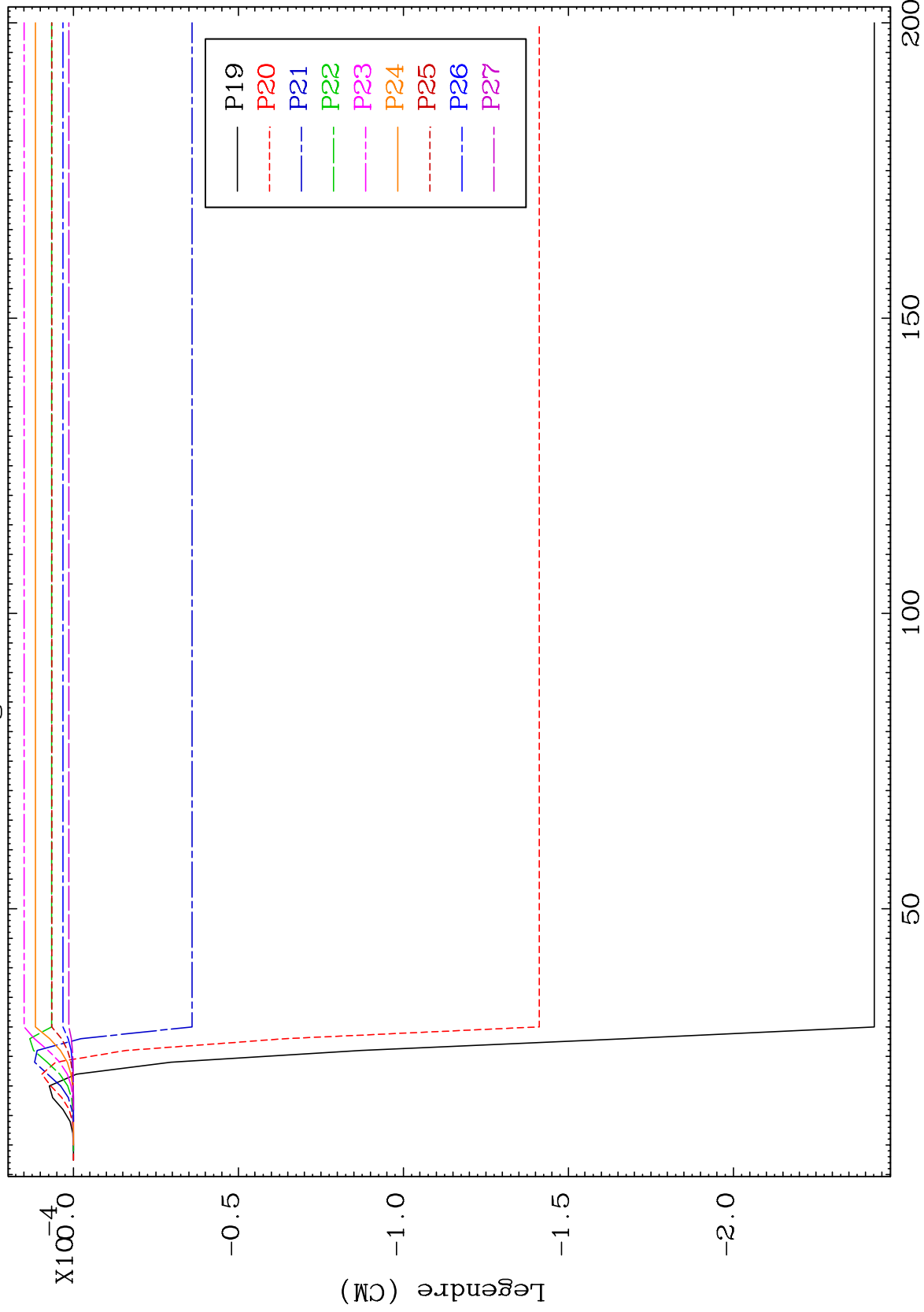
59-Pr-137



MAT 5913

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

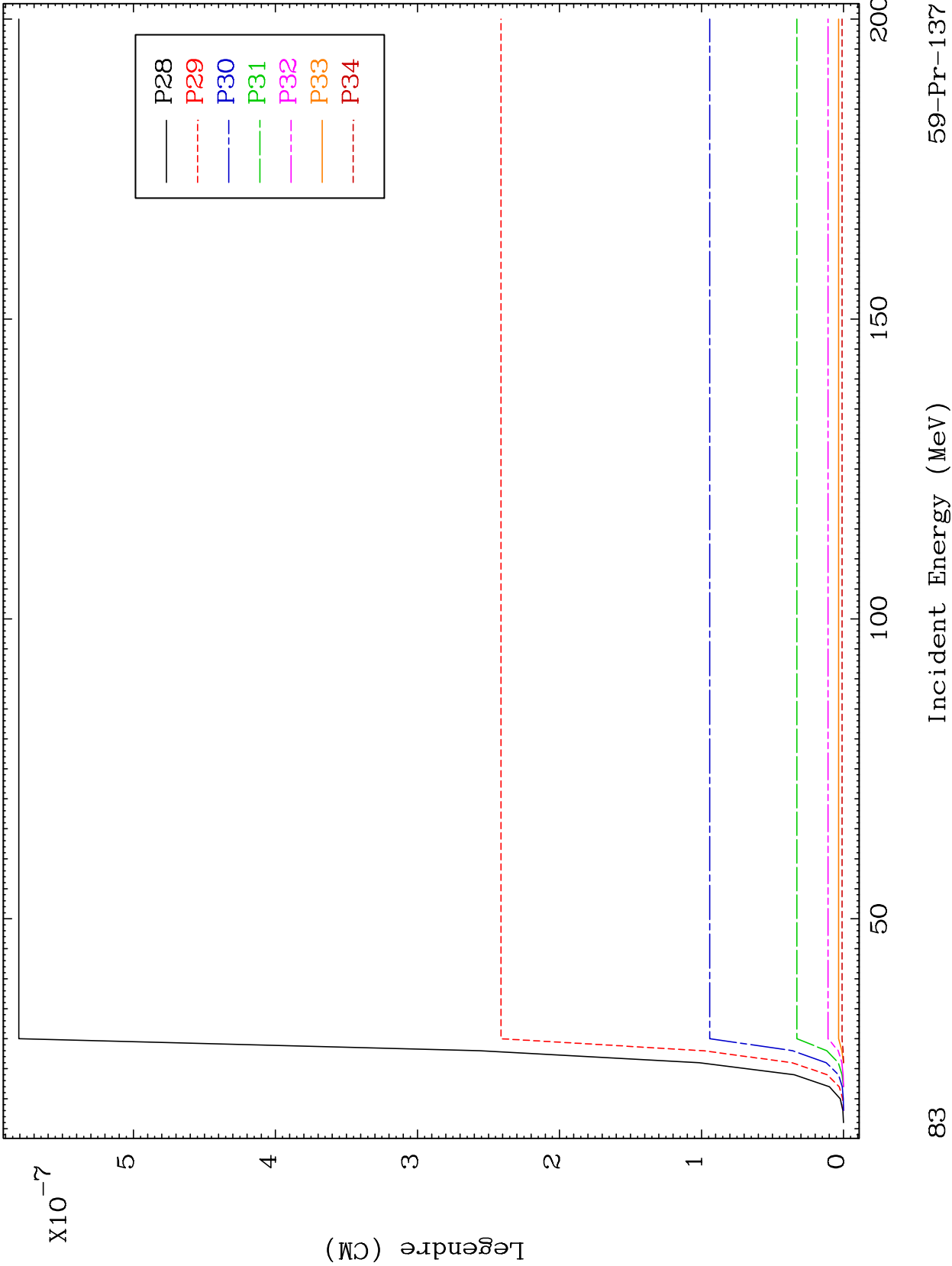
59-Pr-137



82

Incident Energy (MeV)

59-Pr-137

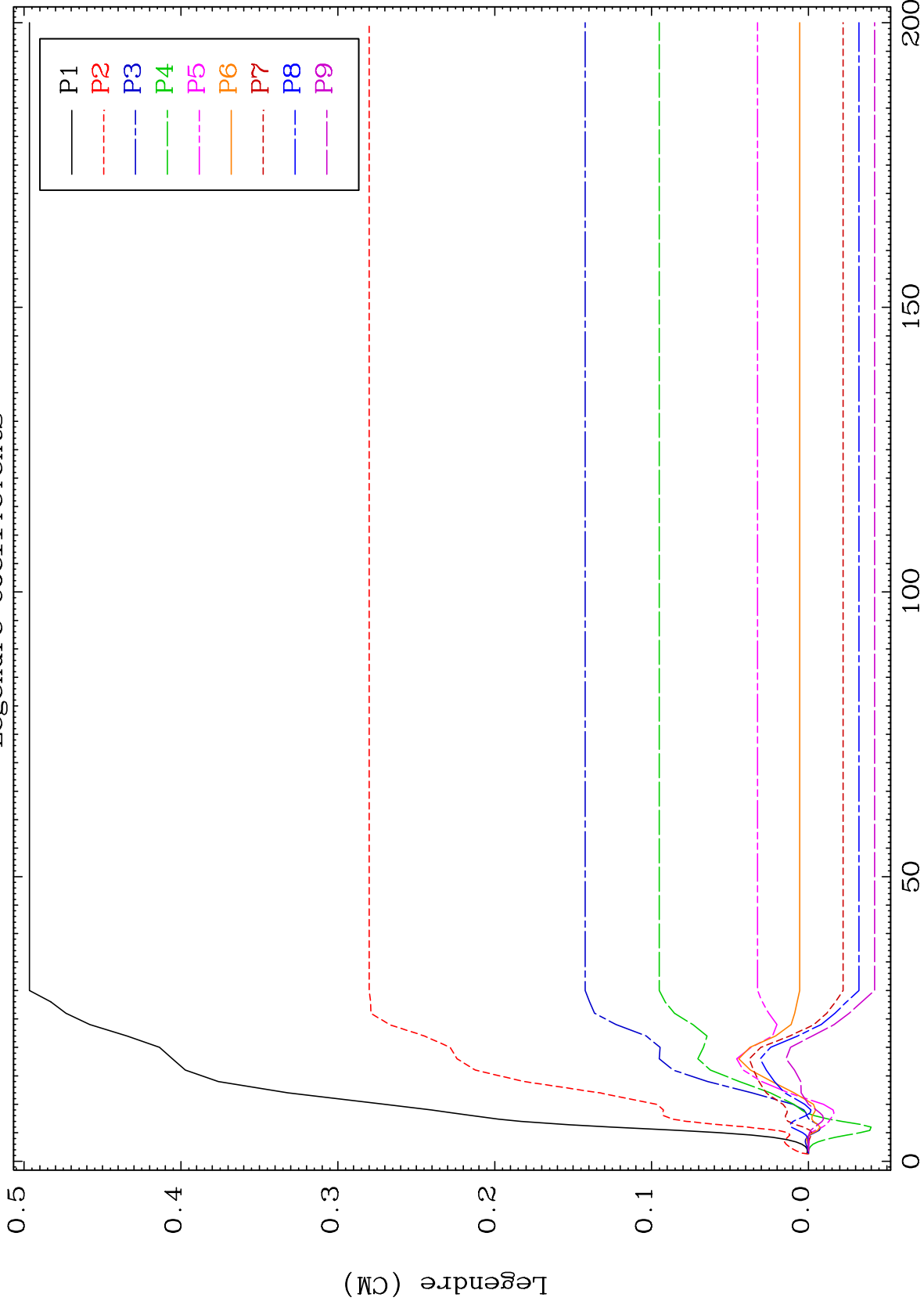


MAT 5913

MT= 67 (n,n') Level

59-Pr-137

Legendre Coefficients



84

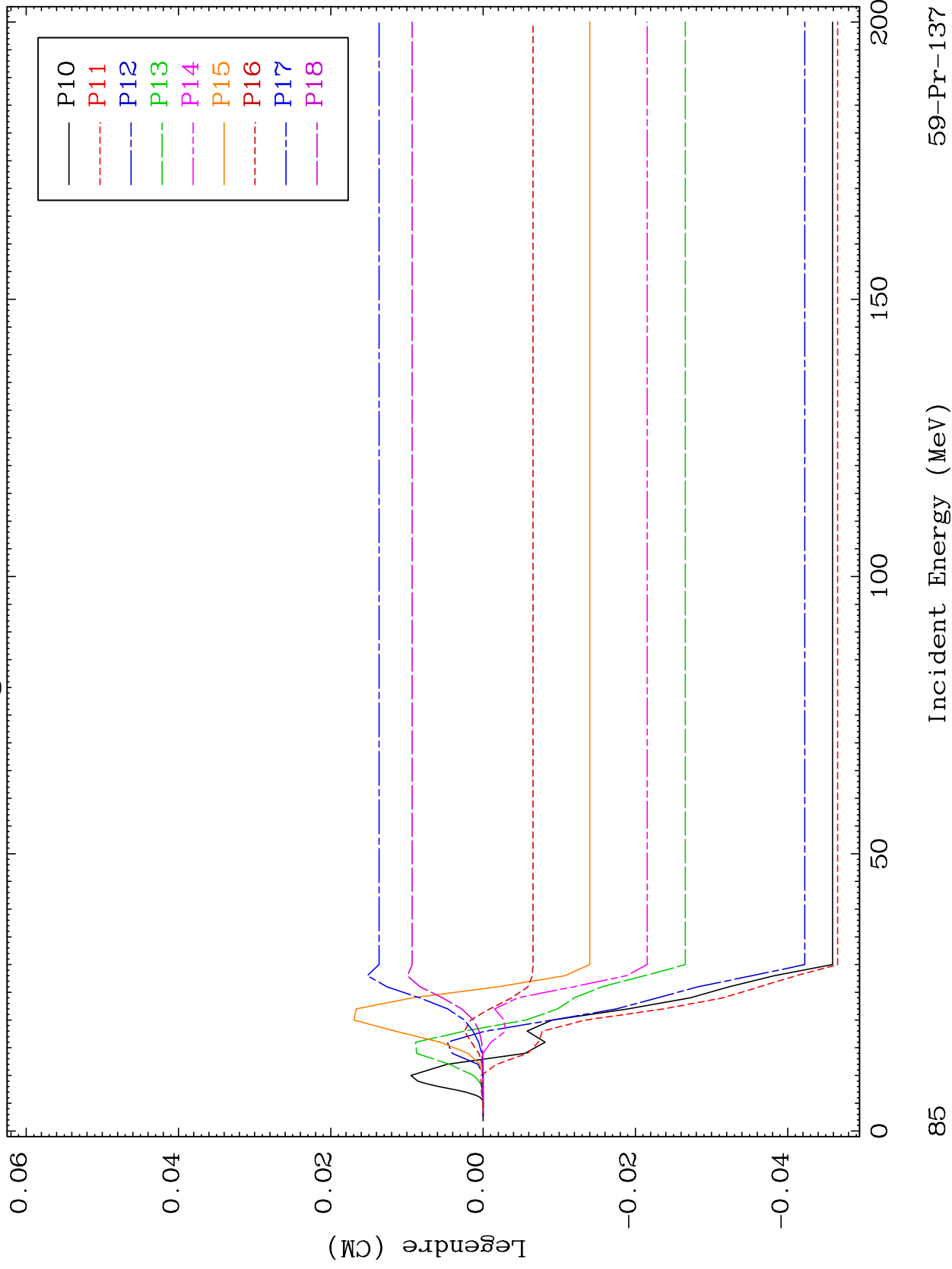
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

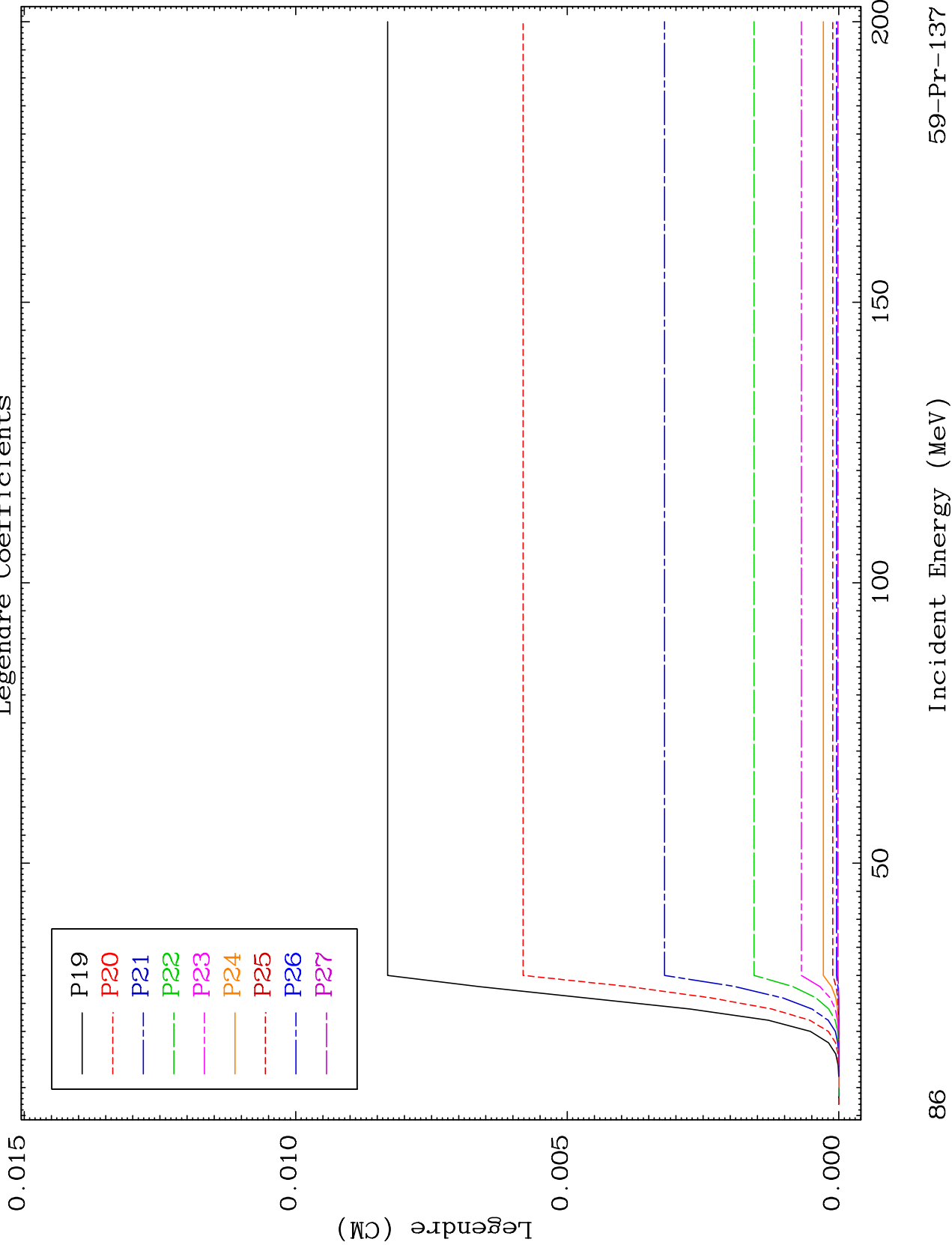
59-Pr-137



59-Pr-137

Incident Energy (MeV)

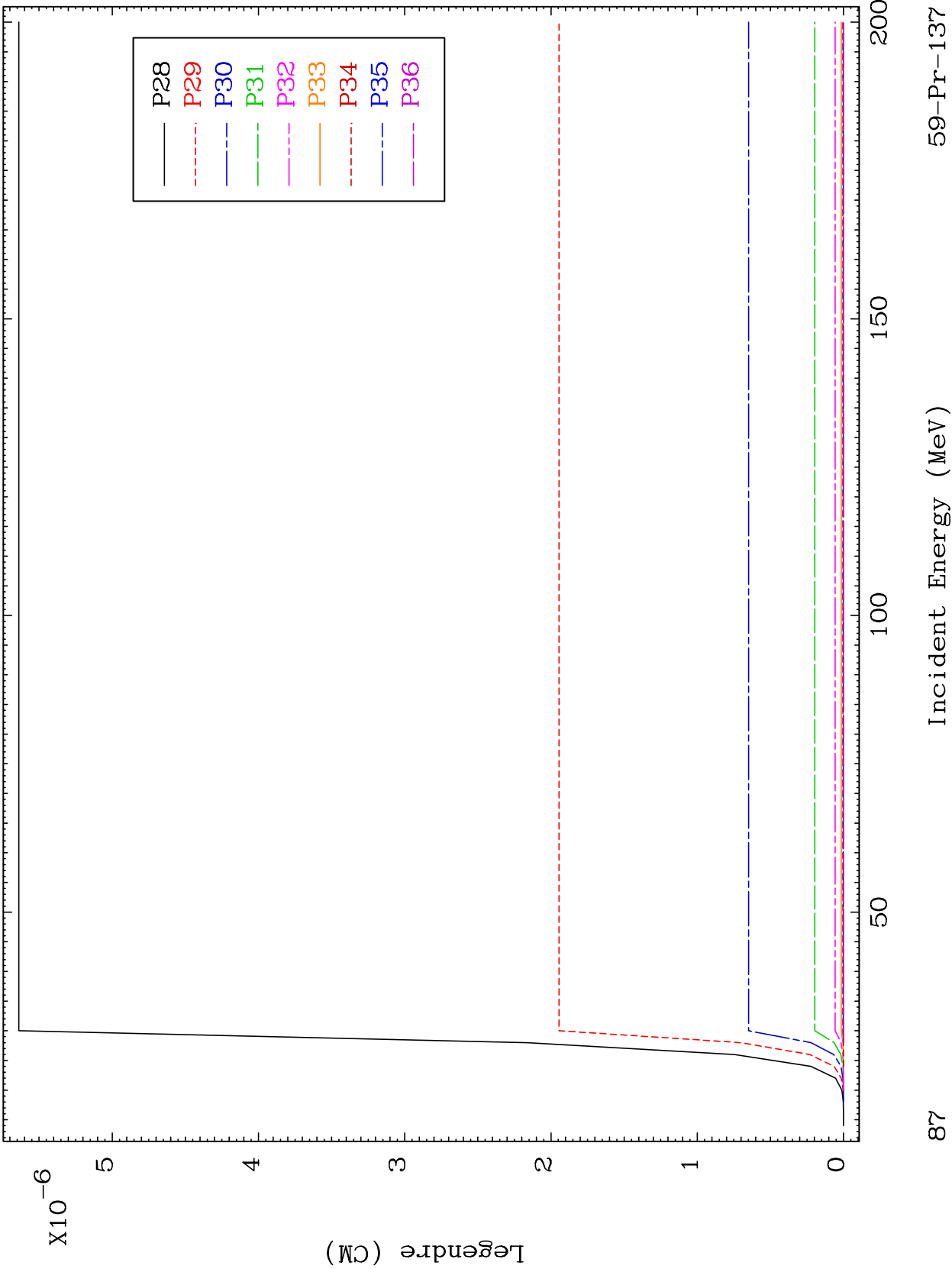
85



MAT 5913

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

59-Pr-137



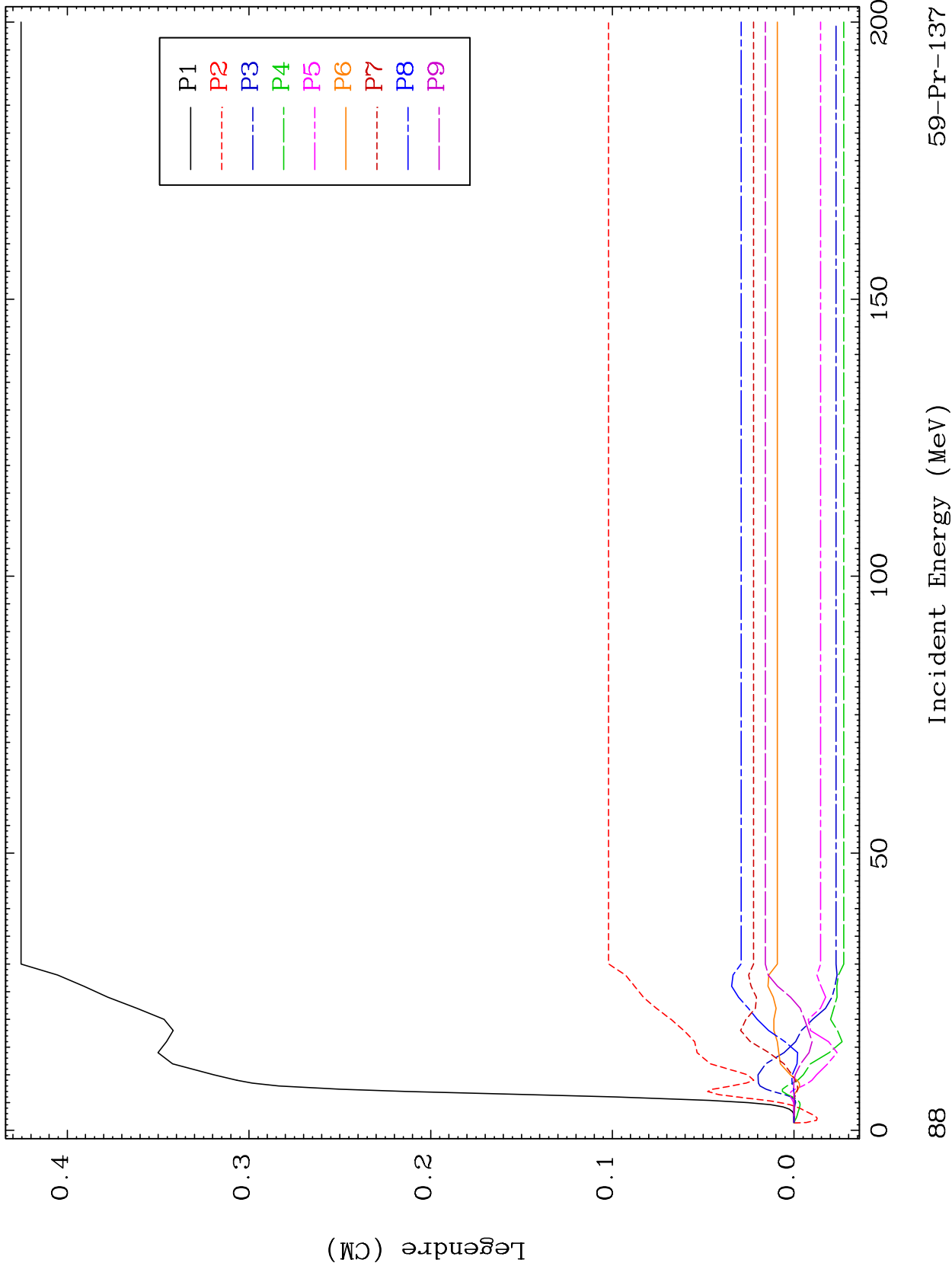
87

59-Pr-137

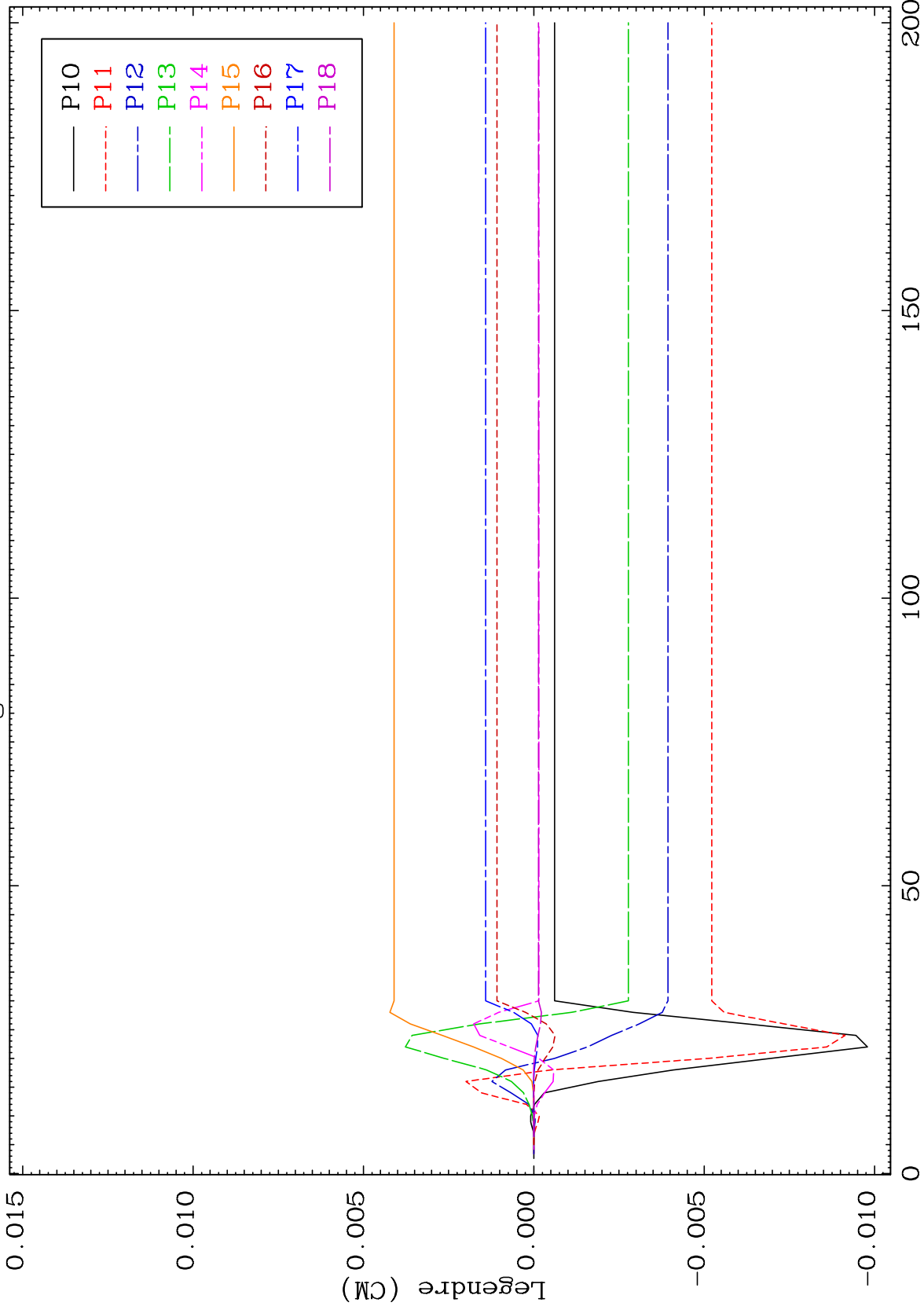
MAT 5913

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

59-Pr-137



59-Pr-137

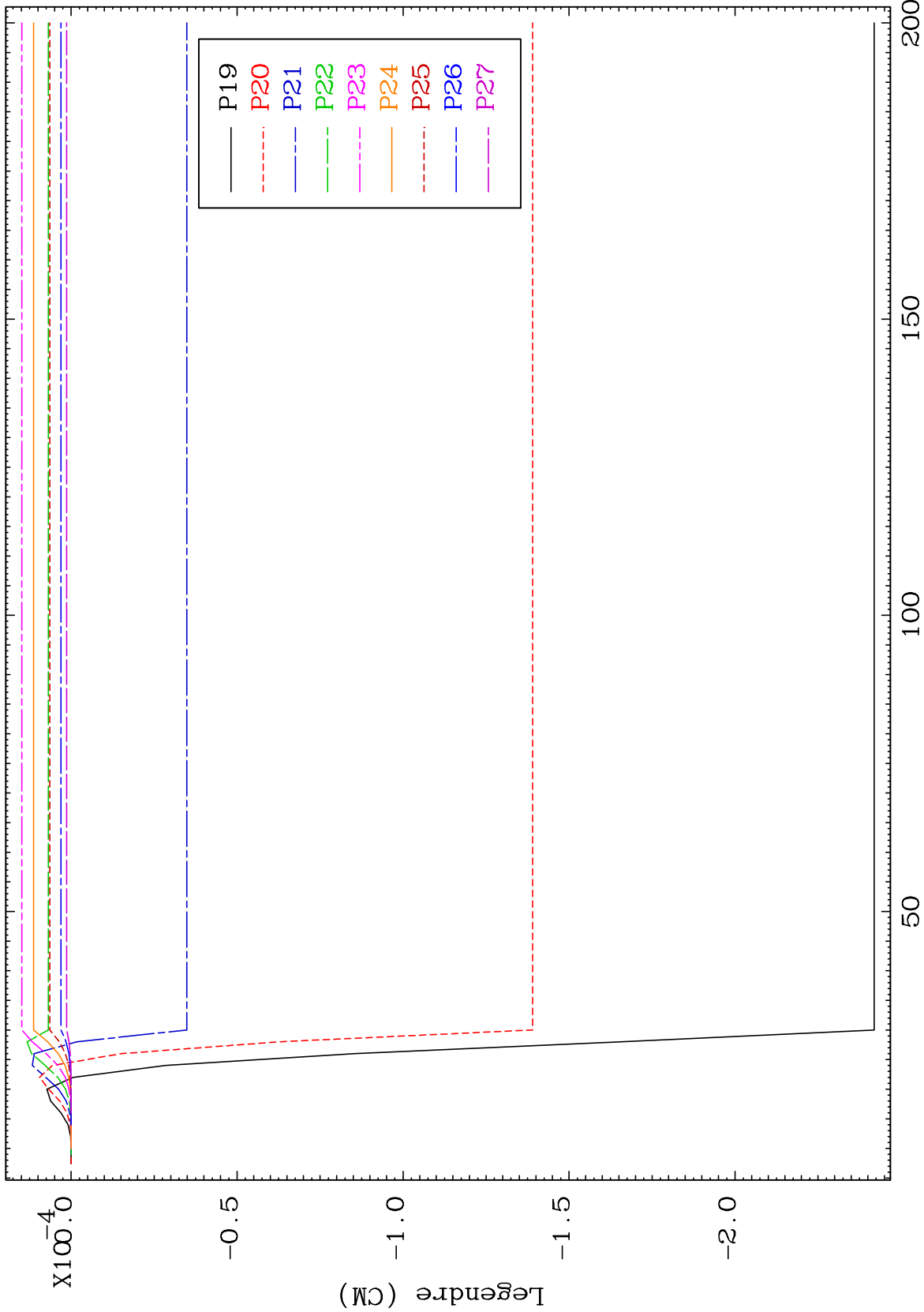


MAT 5913

MT= 68 (n,n') Level

59-Pr-137

Legendre Coefficients



90

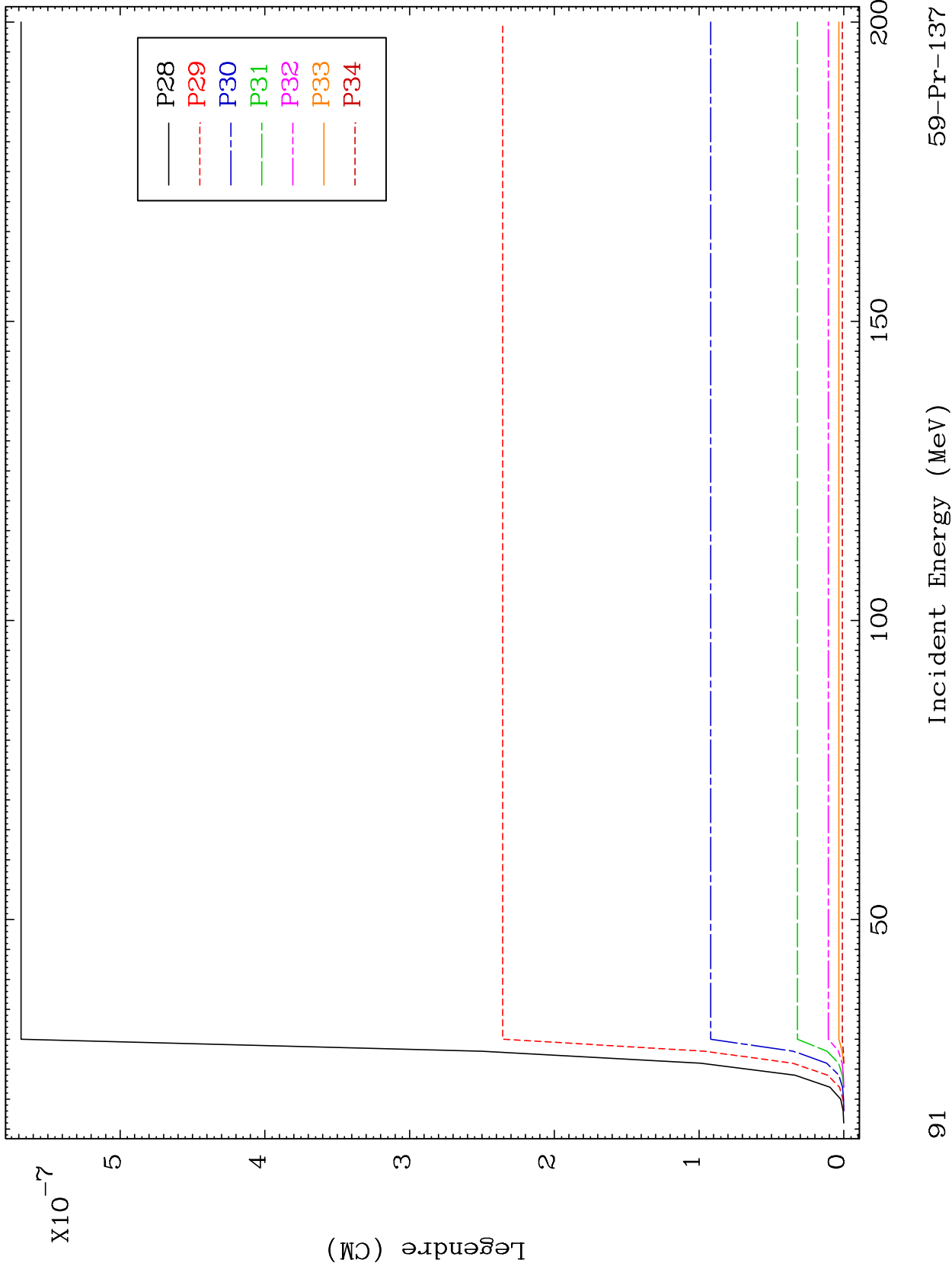
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



91

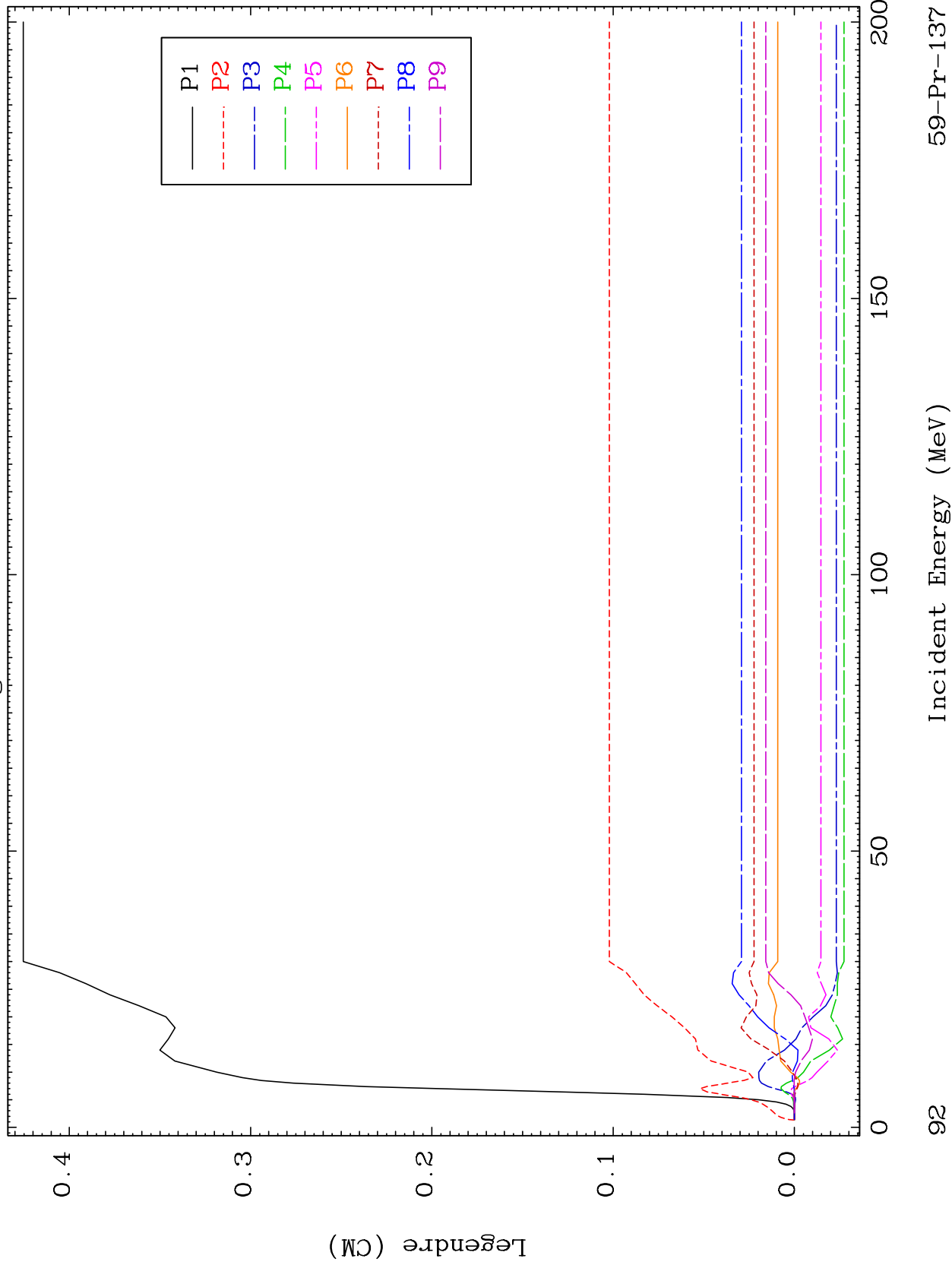
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



59-Pr-137

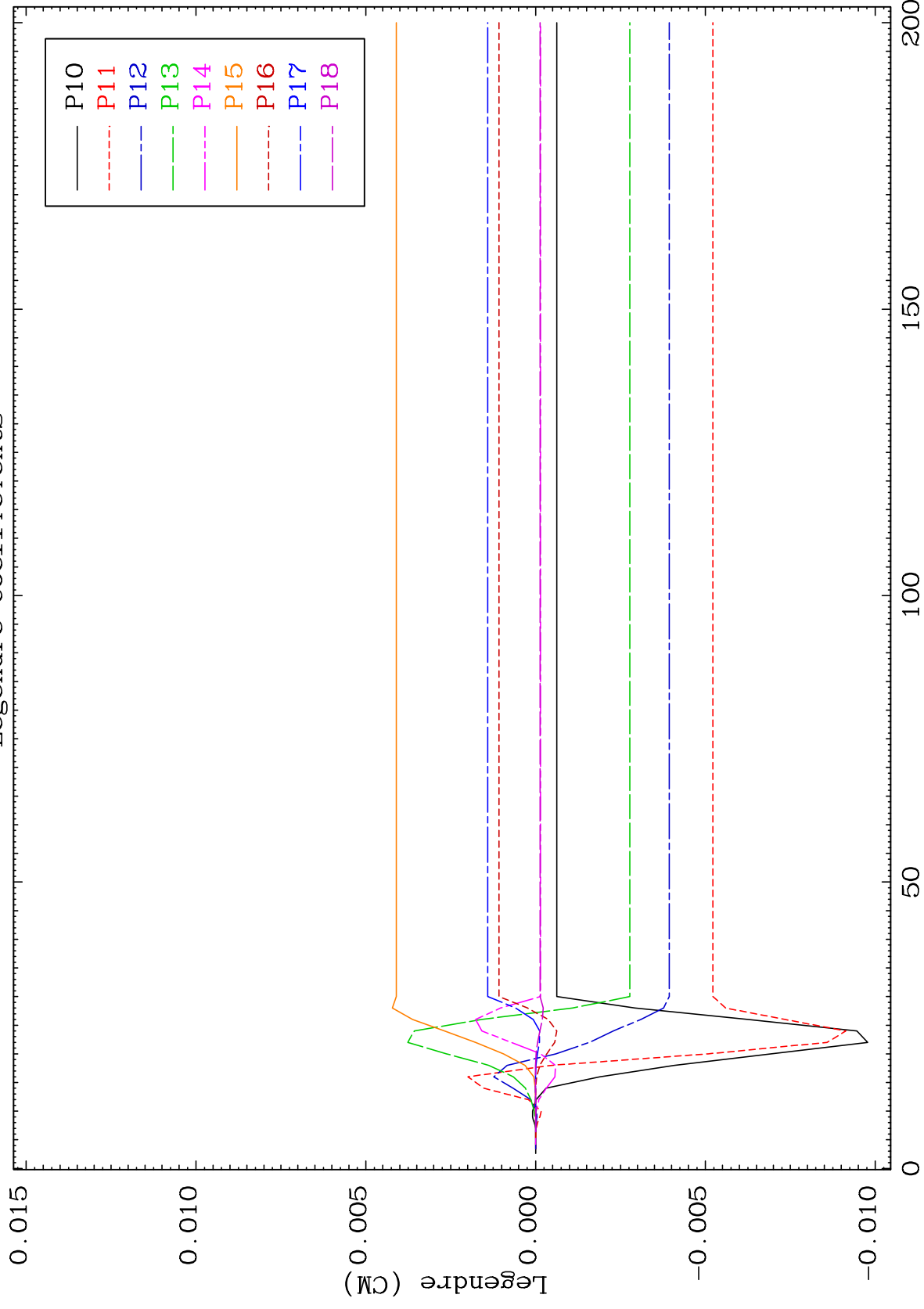
Incident Energy (MeV)

92

MAT 5913

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

59-Pr-137



93

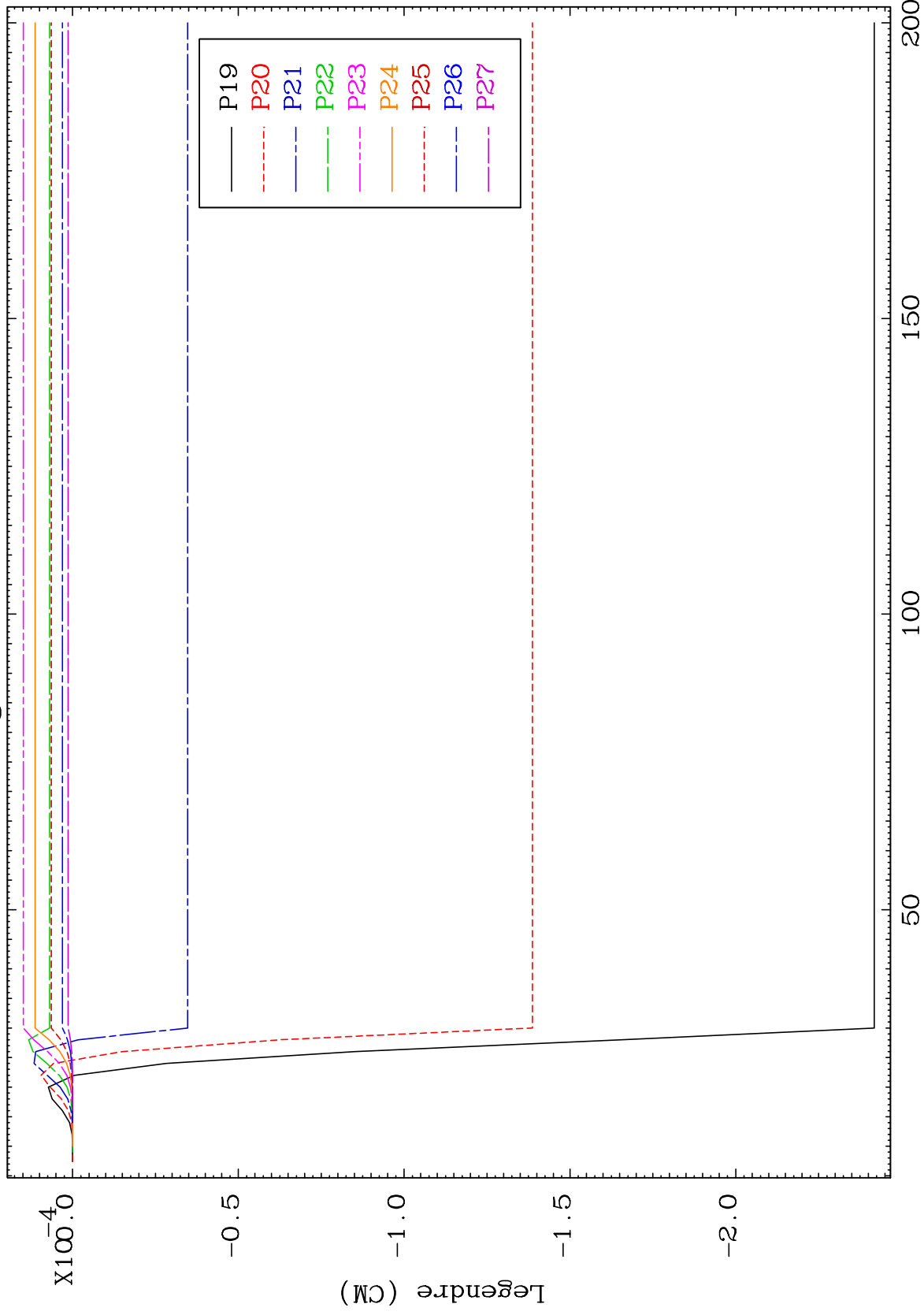
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

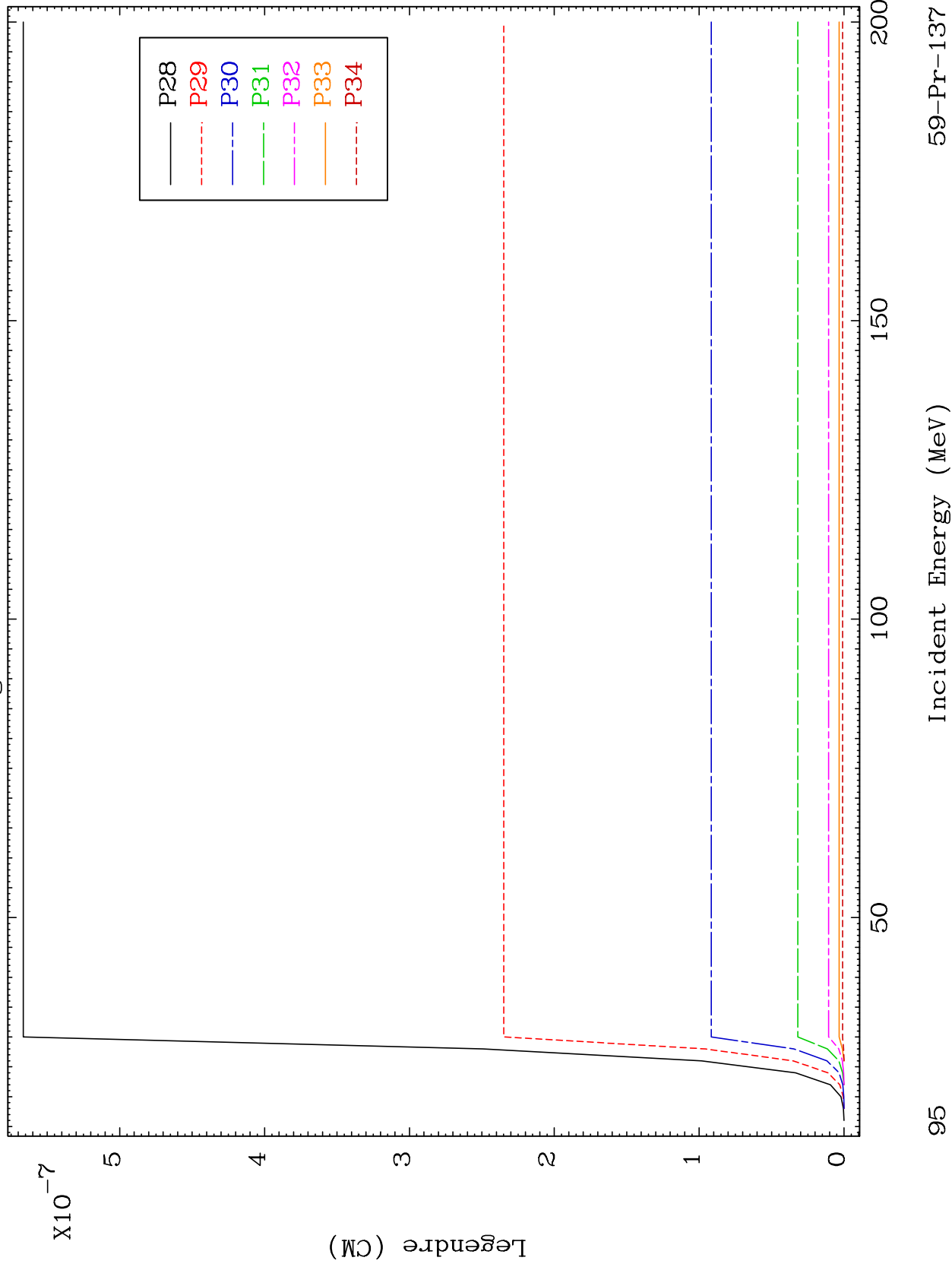
59-Pr-137



MAT 5913

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

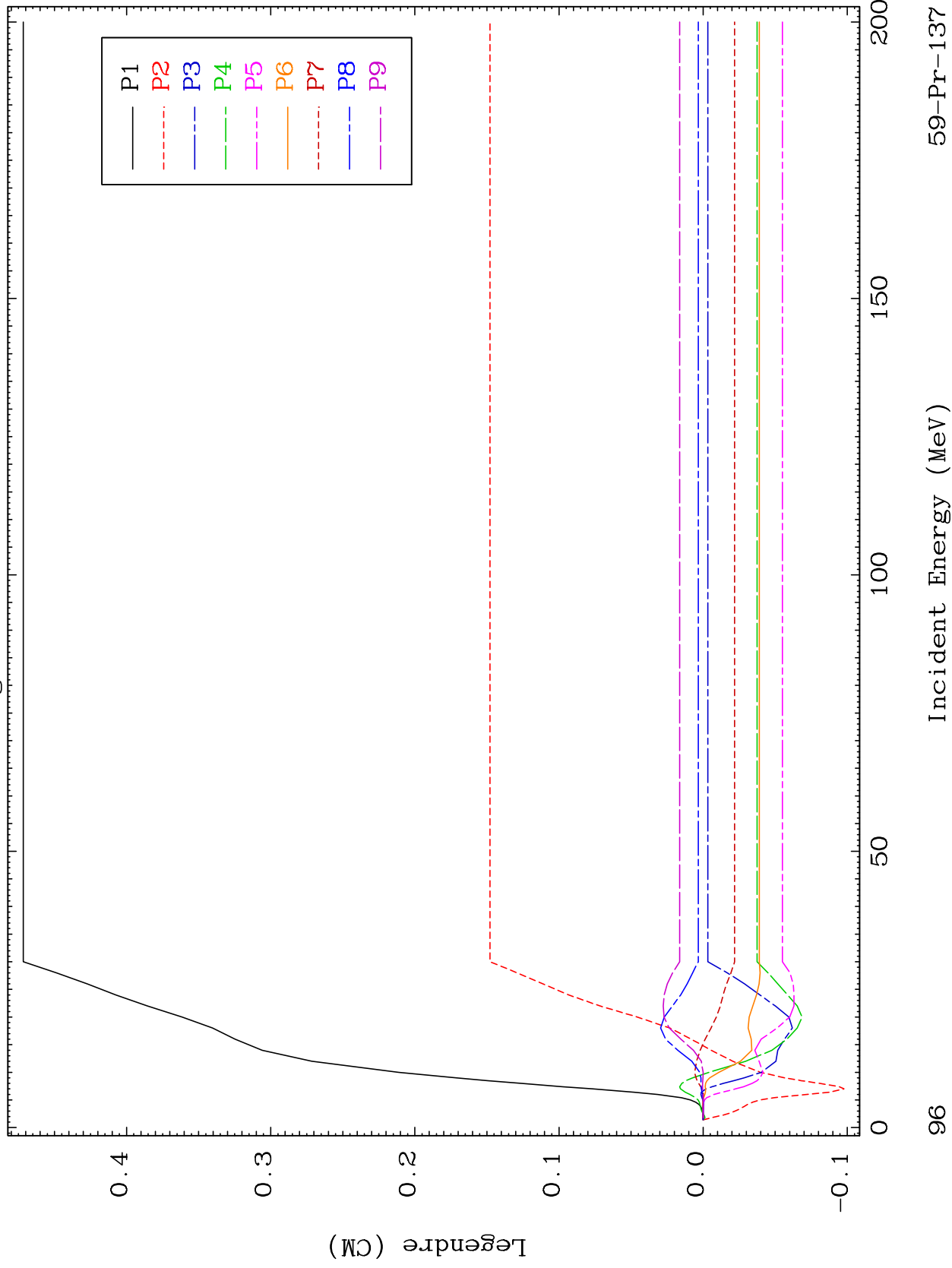
59-Pr-137



MAT 5913

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

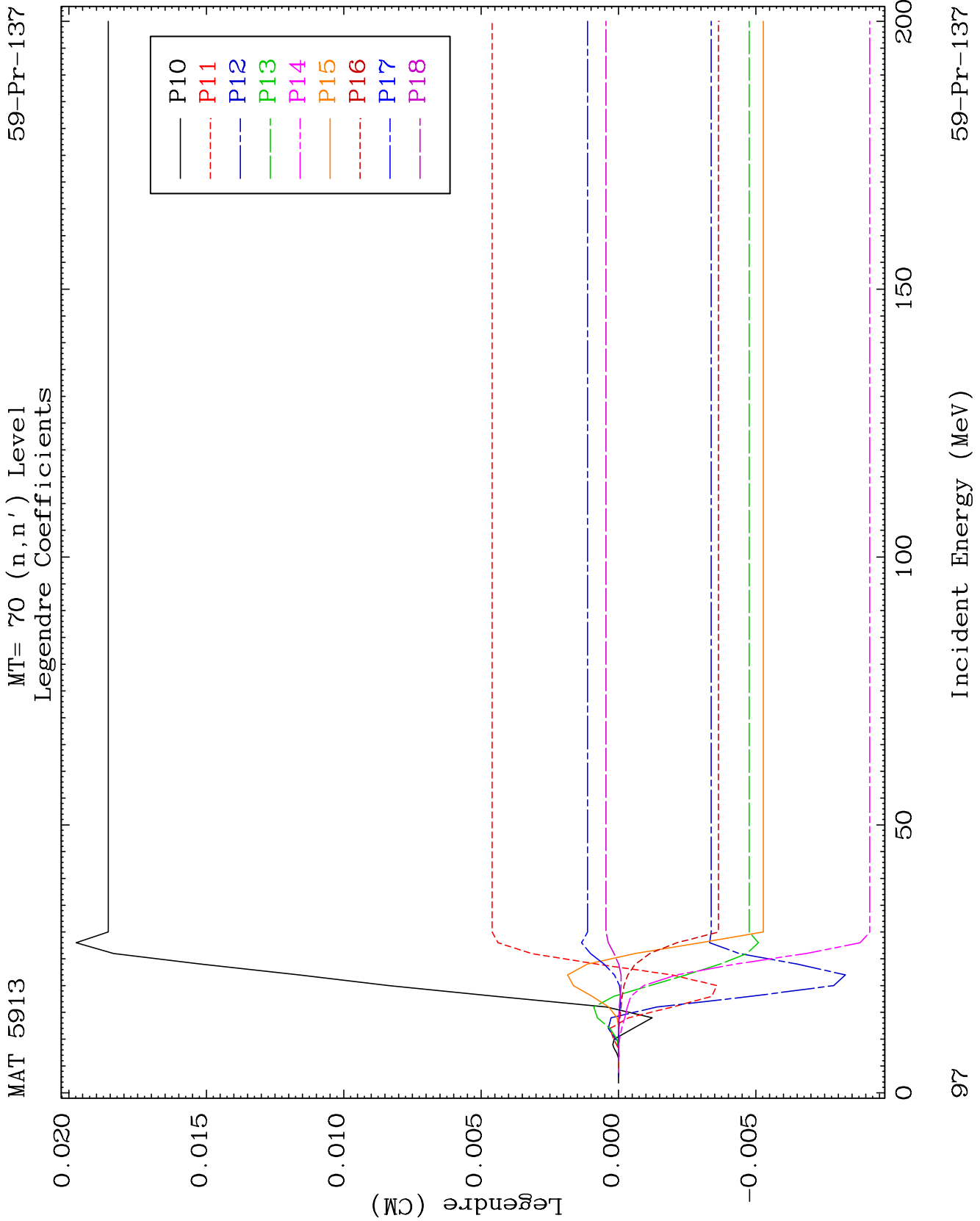
59-Pr-137

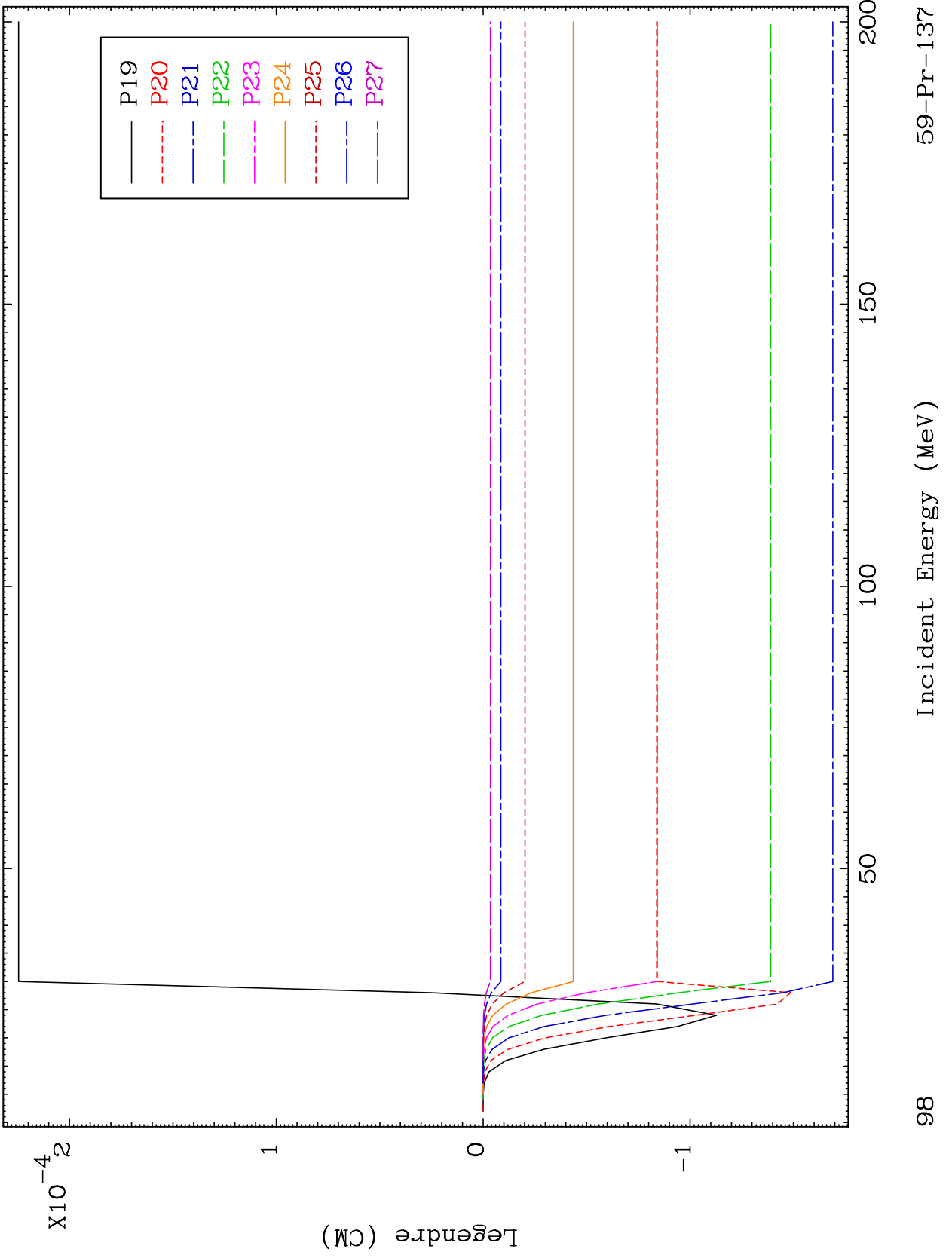


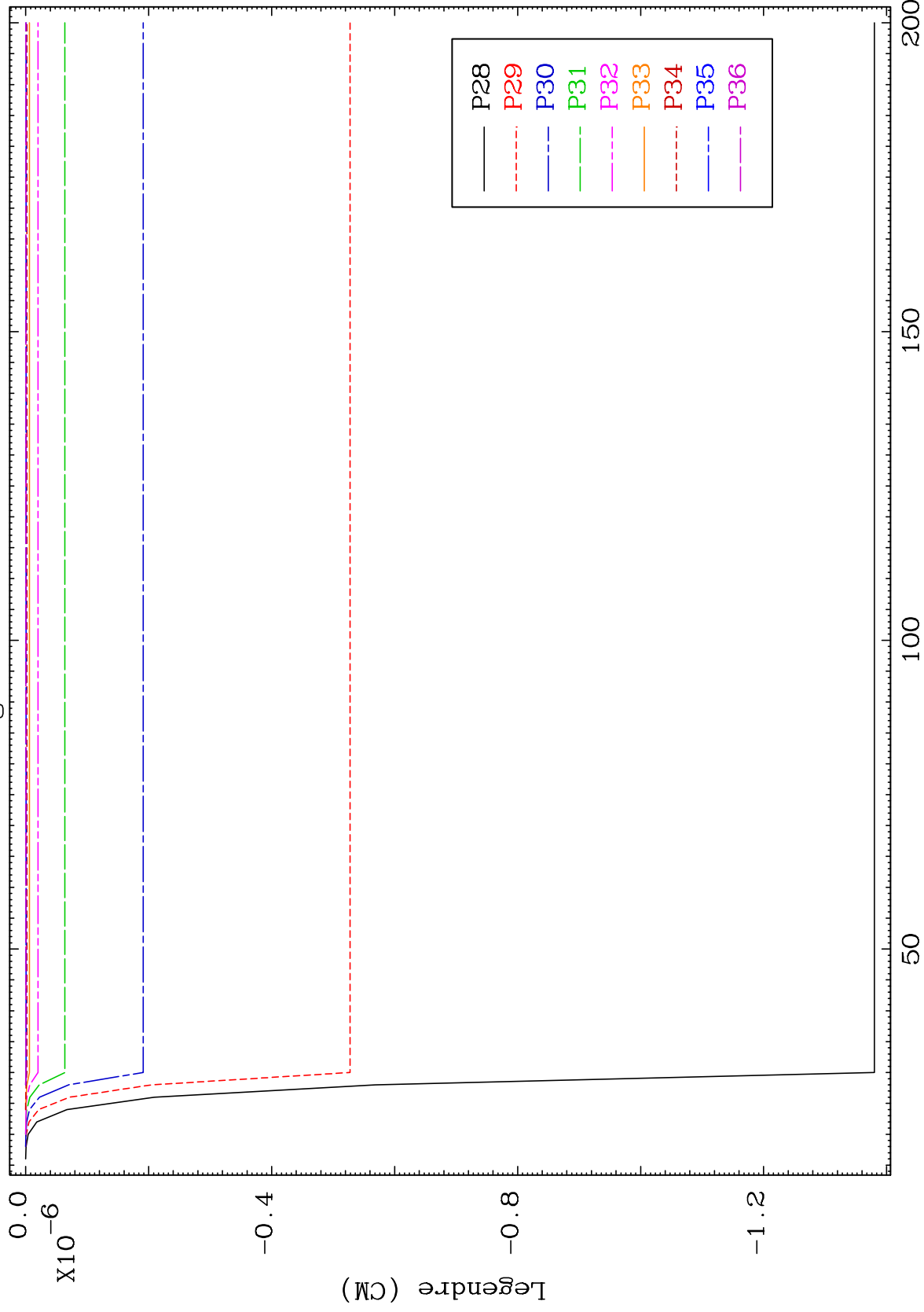
59-Pr-137

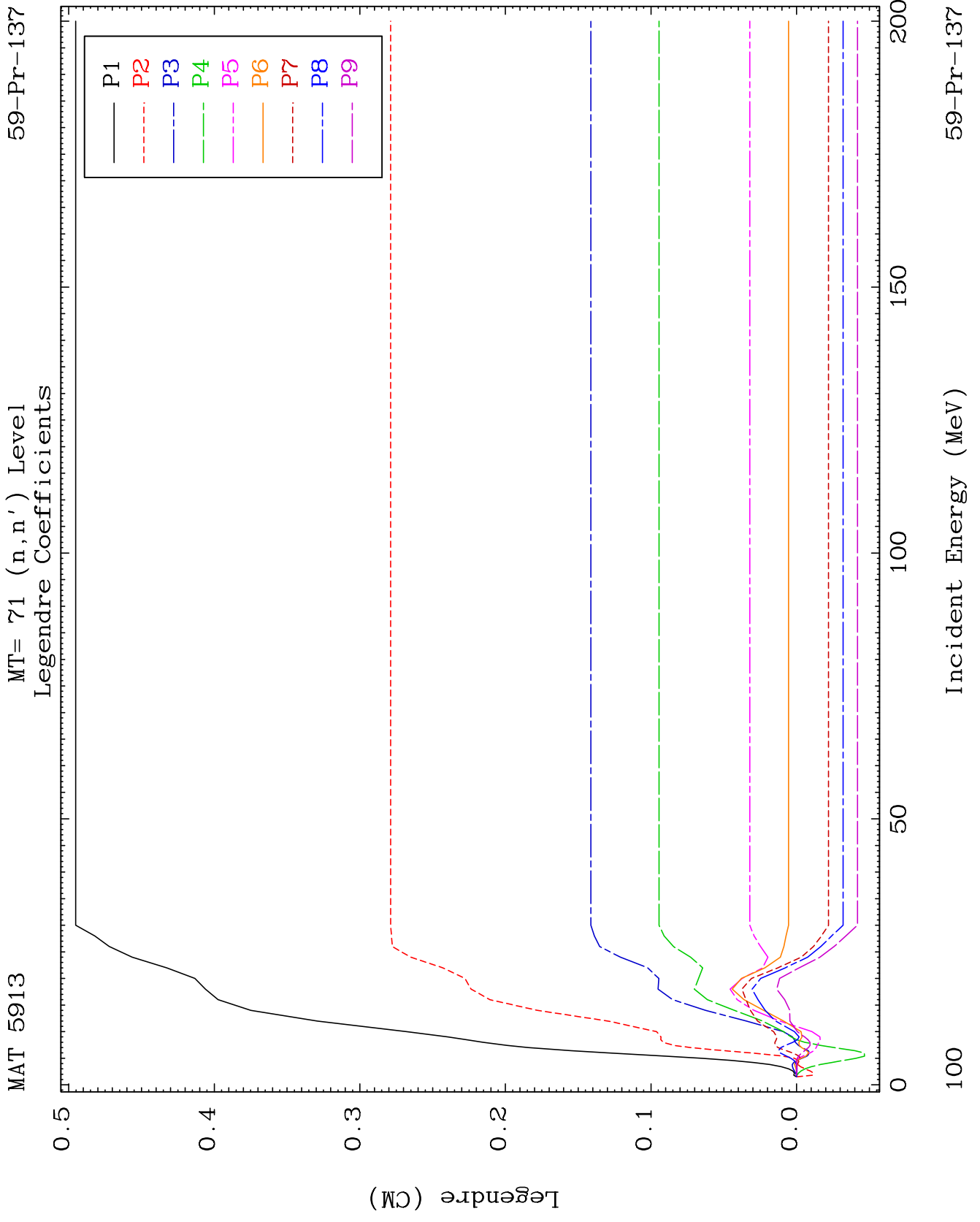
Incident Energy (MeV)

96





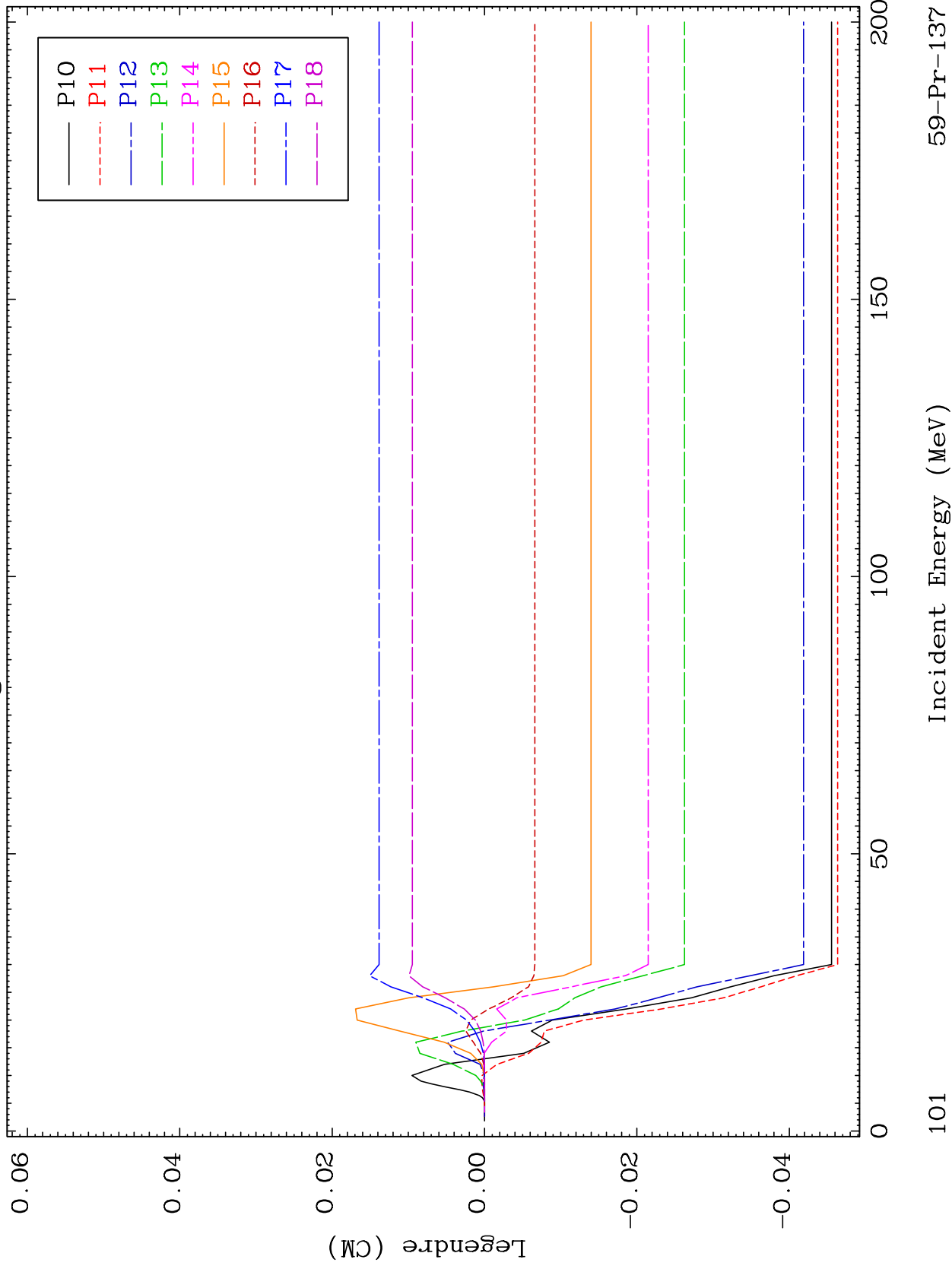




MAT 5913

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

59-Pr-137



101

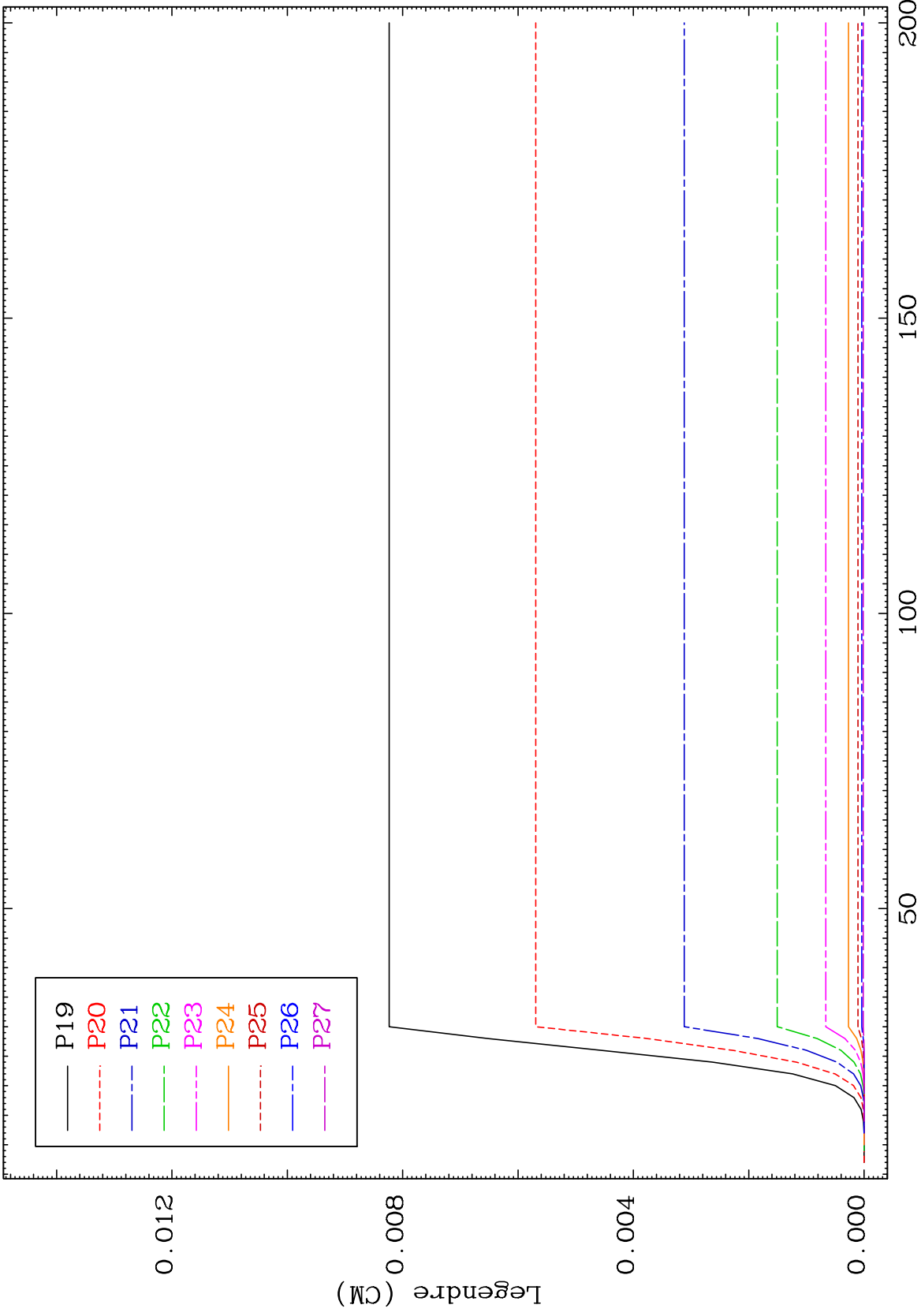
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



102

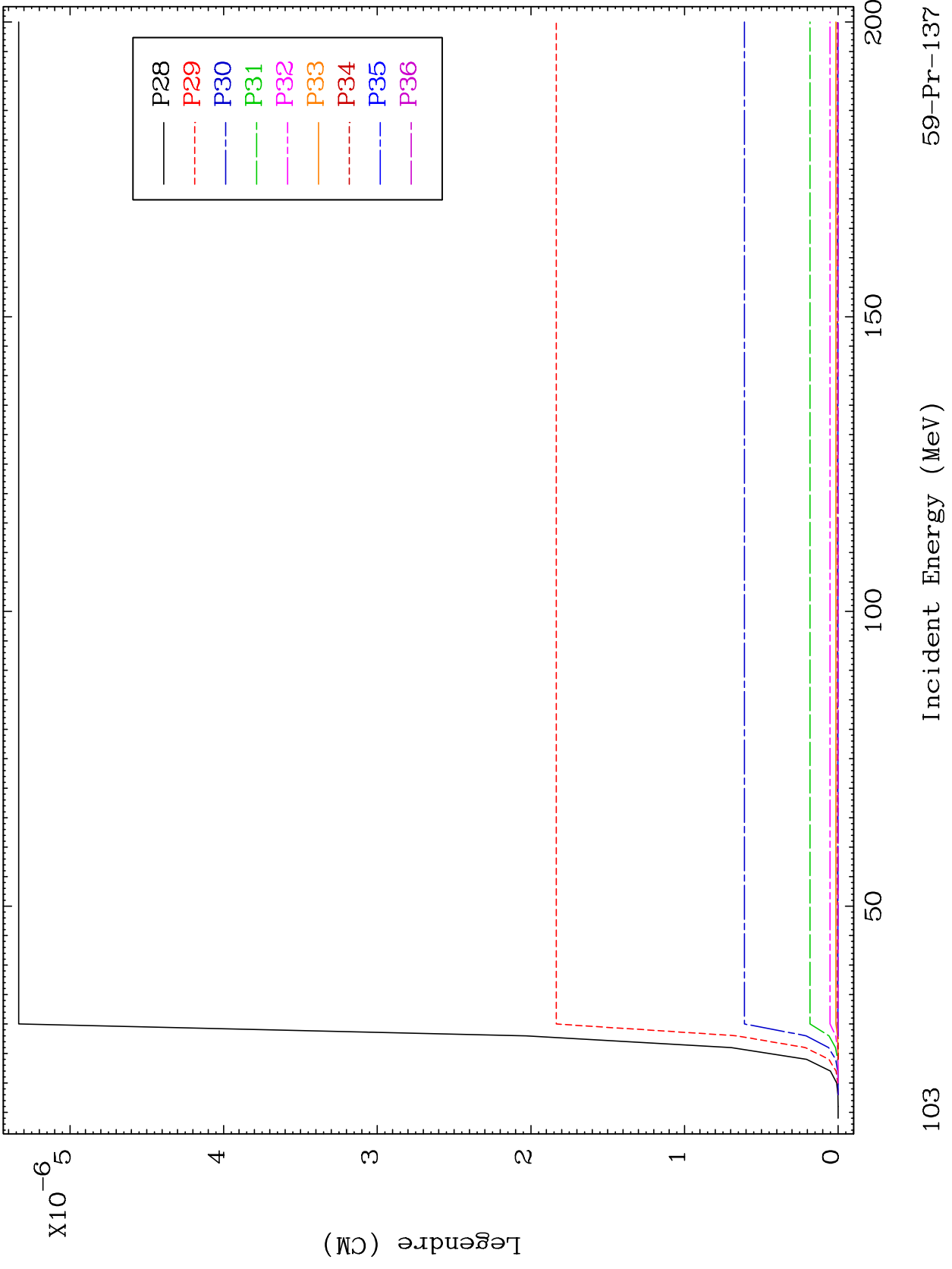
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



103

Incident Energy (MeV)

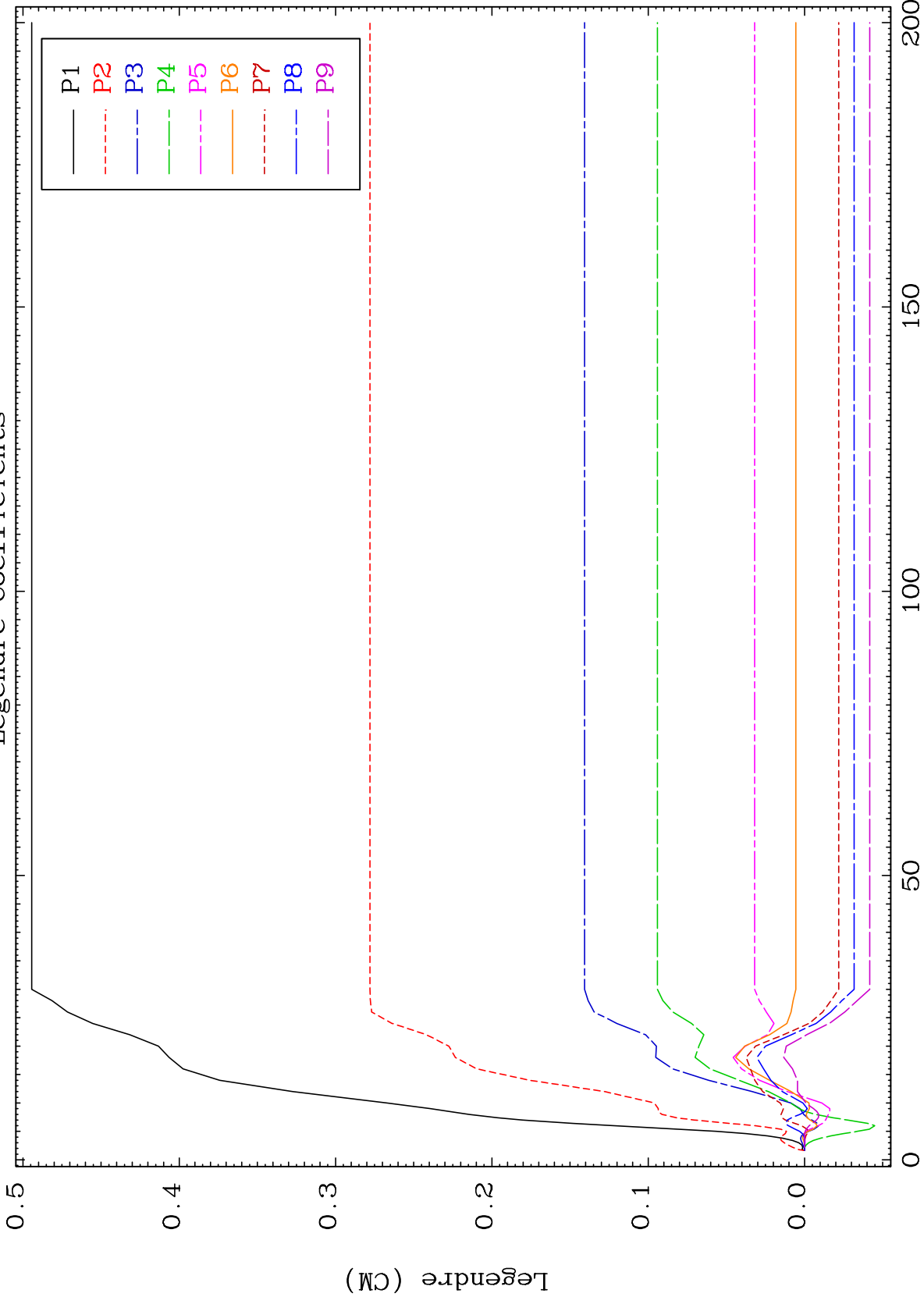
59-Pr-137

MAT 5913

MT= 72 (n,n') Level

59-Pr-137

Legendre Coefficients



104

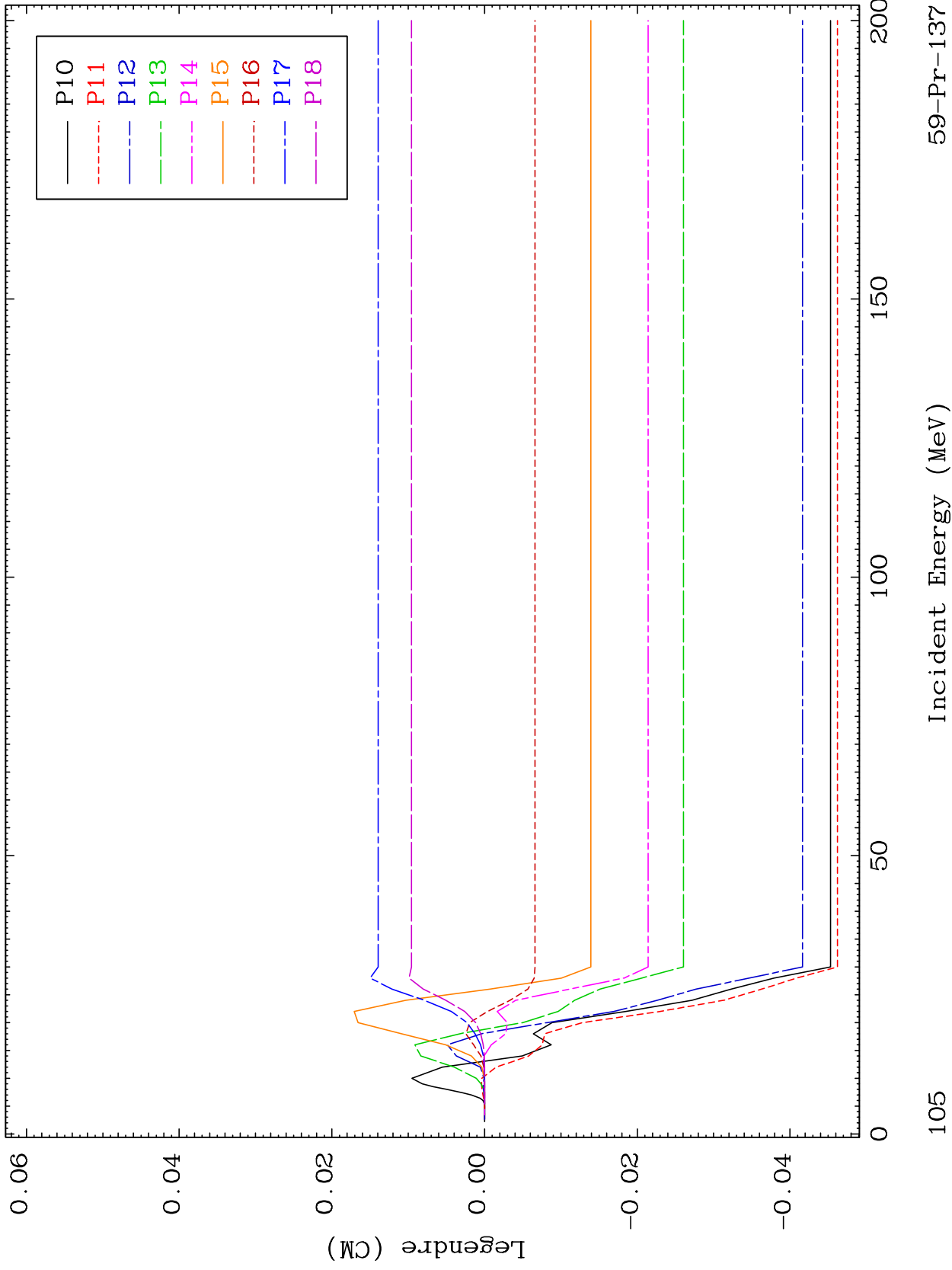
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



59-Pr-137

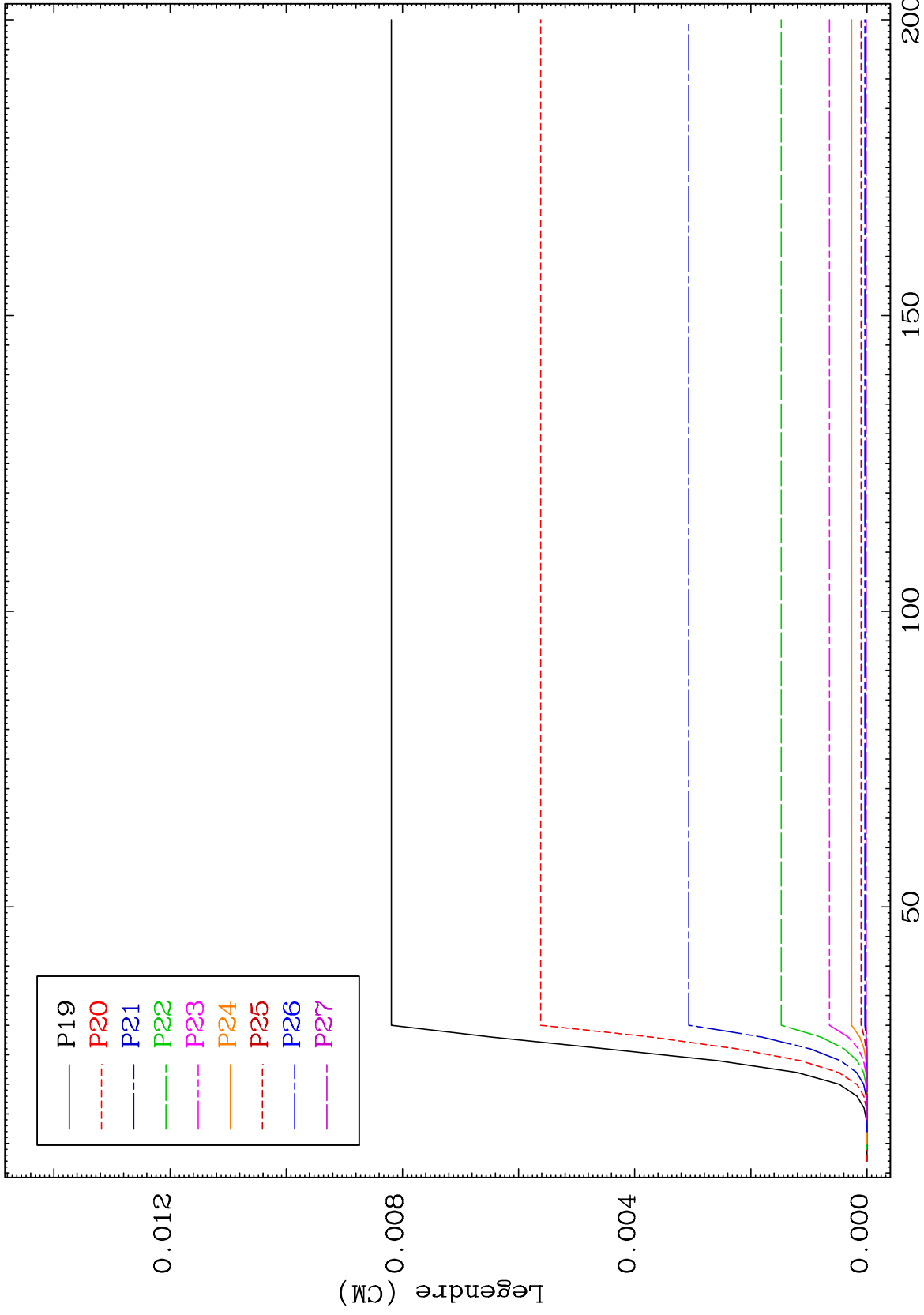
Incident Energy (MeV)

105

MAT 5913

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

59-Pr-137



106

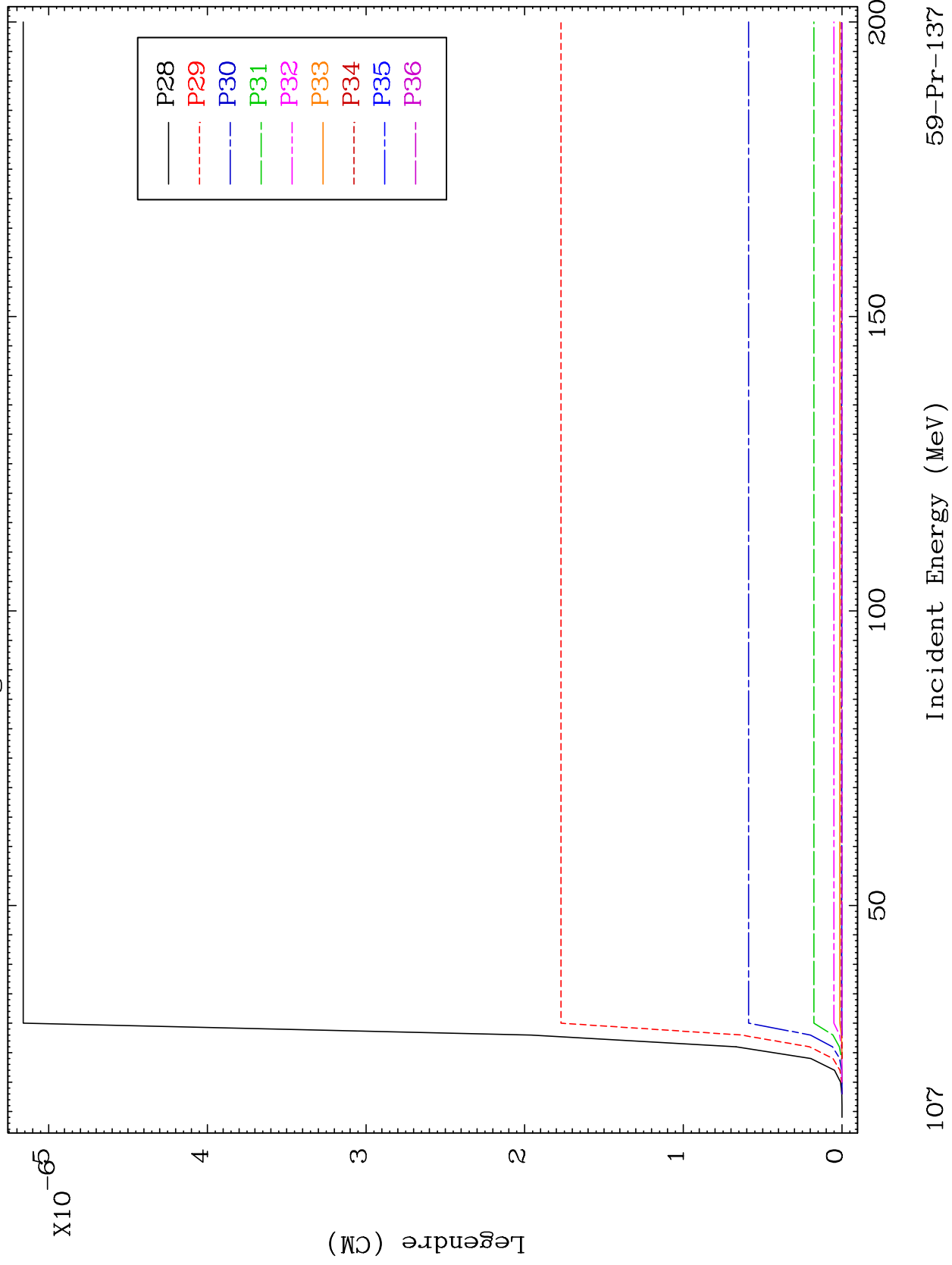
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

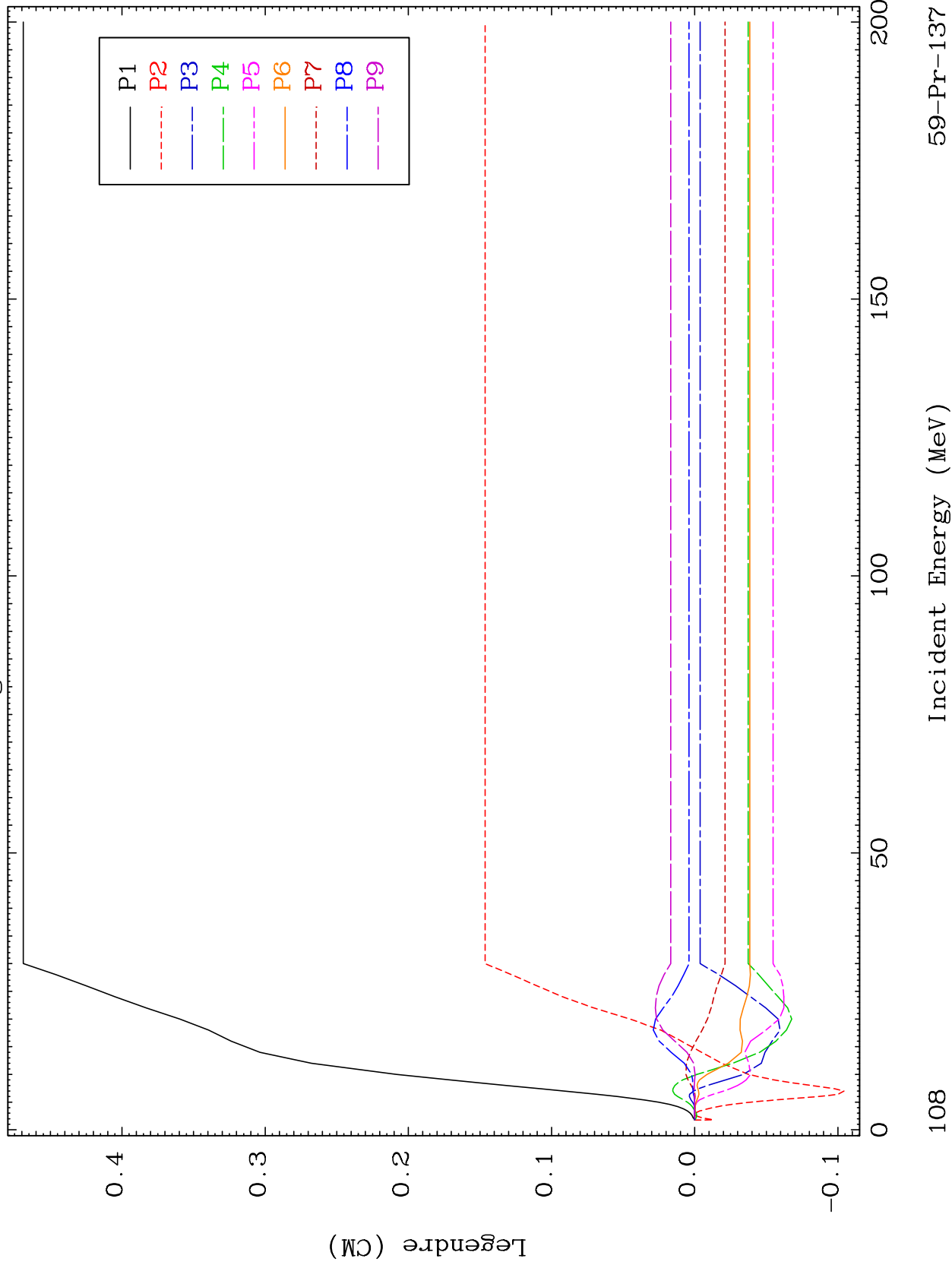
59-Pr-137



MAT 5913

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

59-Pr-137



59-Pr-137

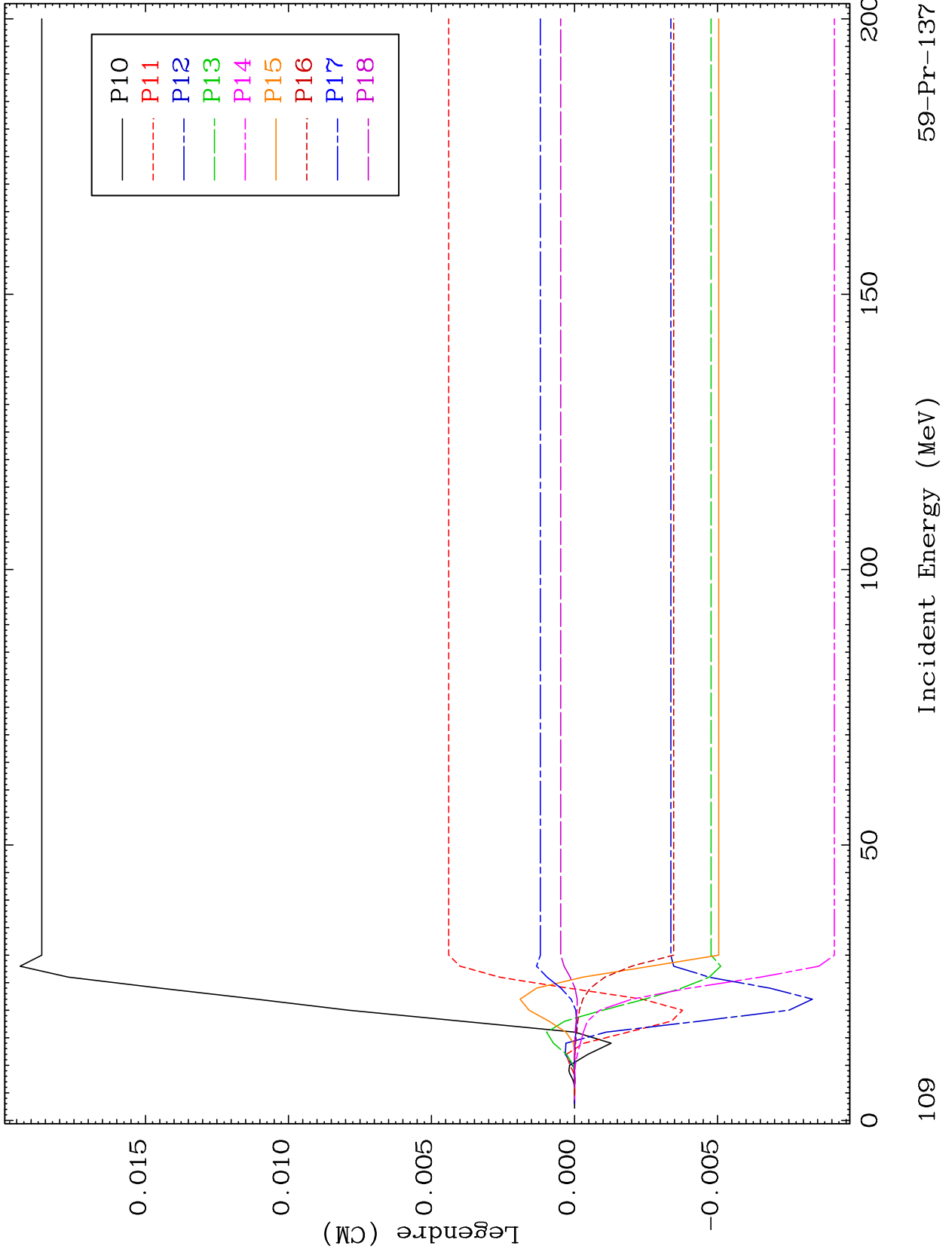
Incident Energy (MeV)

108

MAT 5913

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

59-Pr-137



109

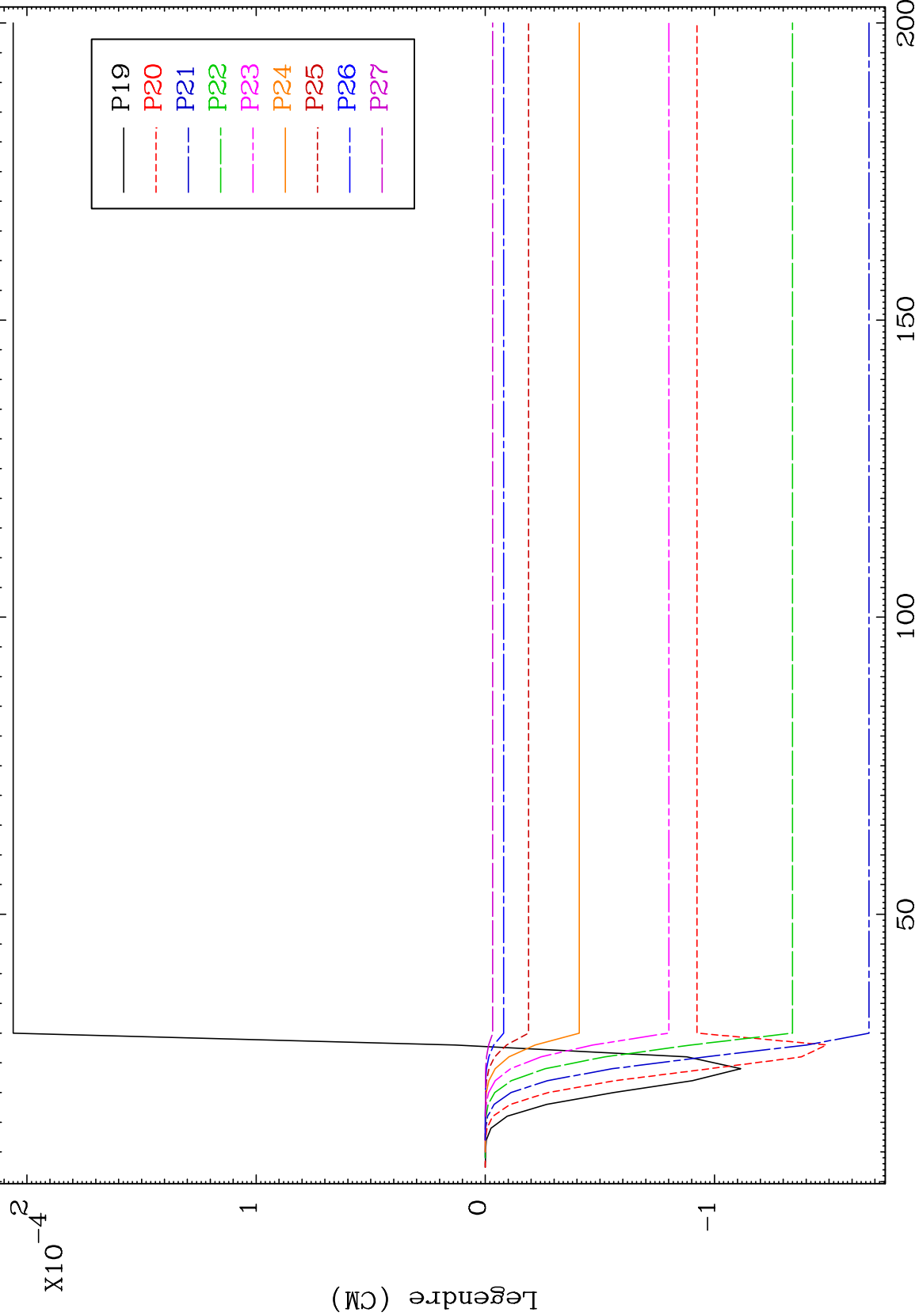
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

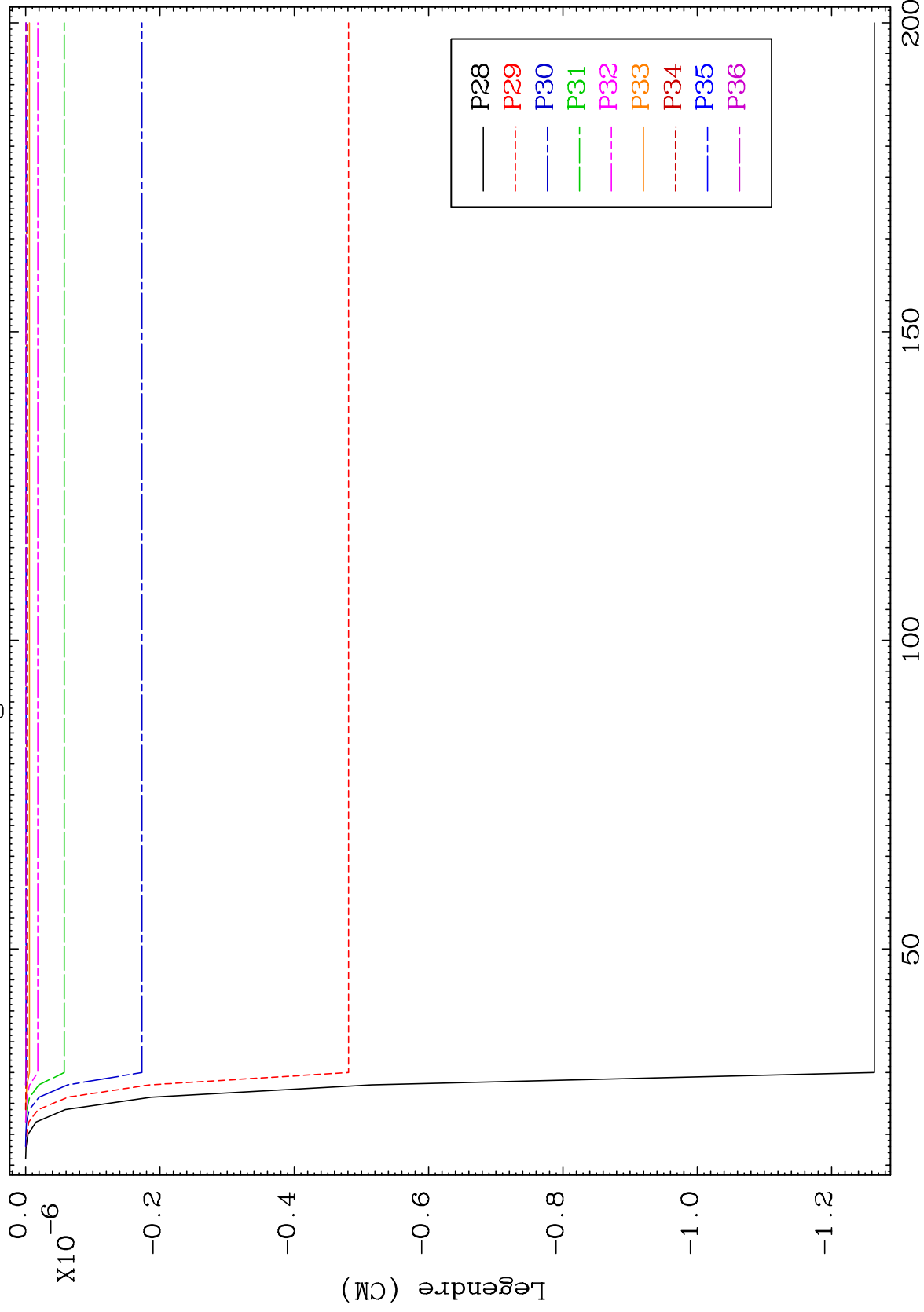
59-Pr-137



110

Incident Energy (MeV)

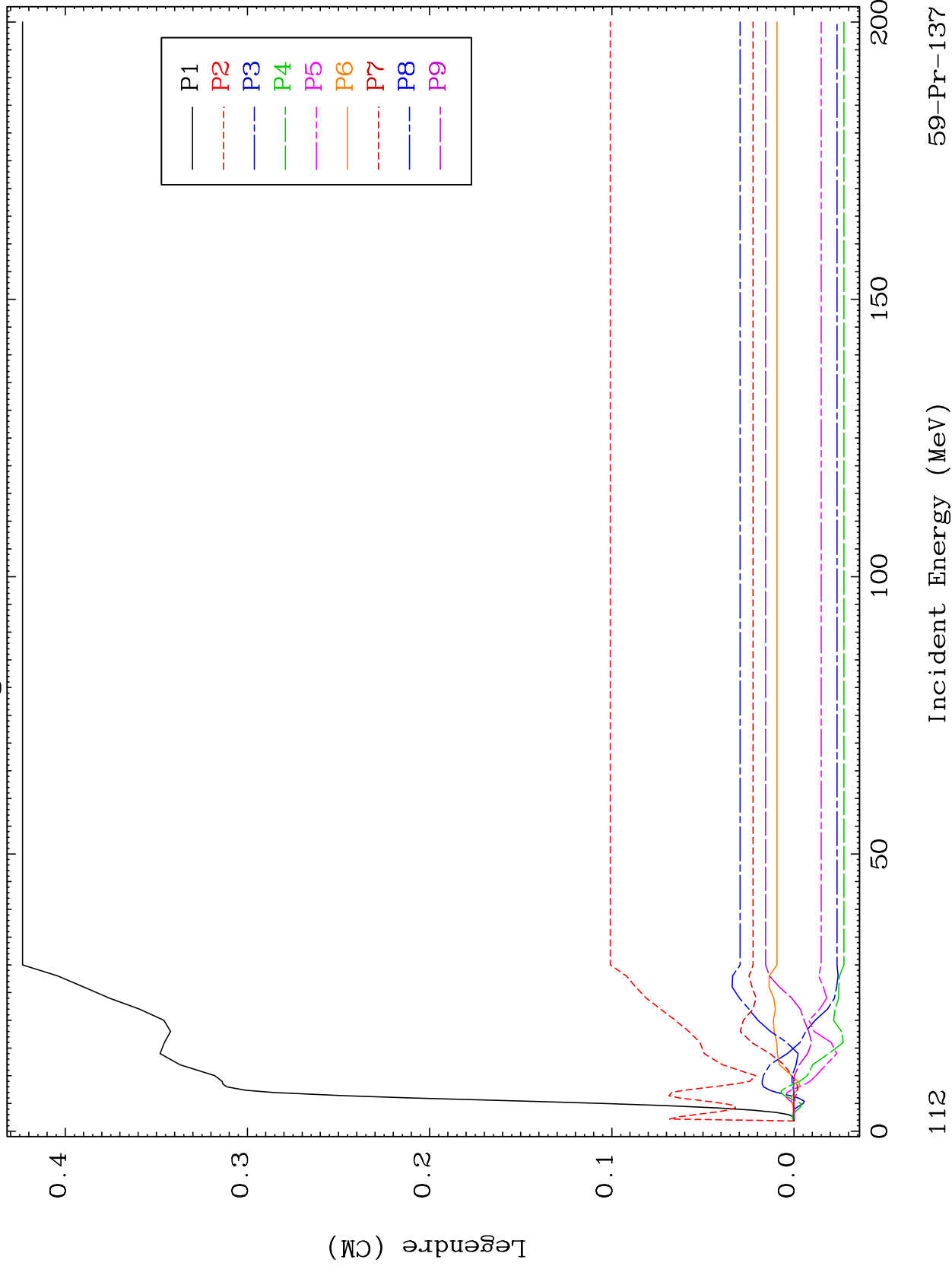
59-Pr-137



MAT 5913

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

59-Pr-137



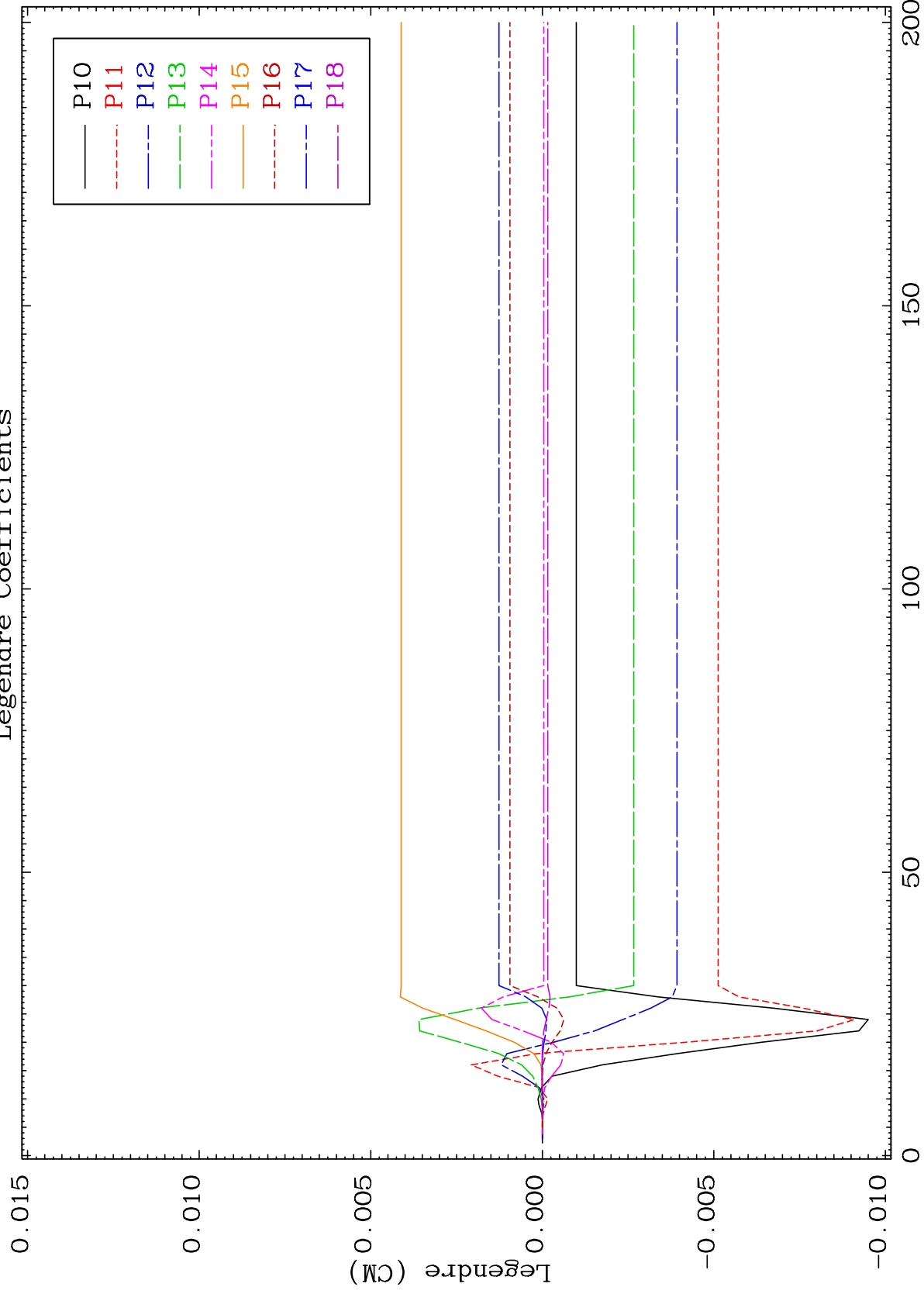
112

59-Pr-137

MAT 5913

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

59-Pr-137



113

Incident Energy (MeV)

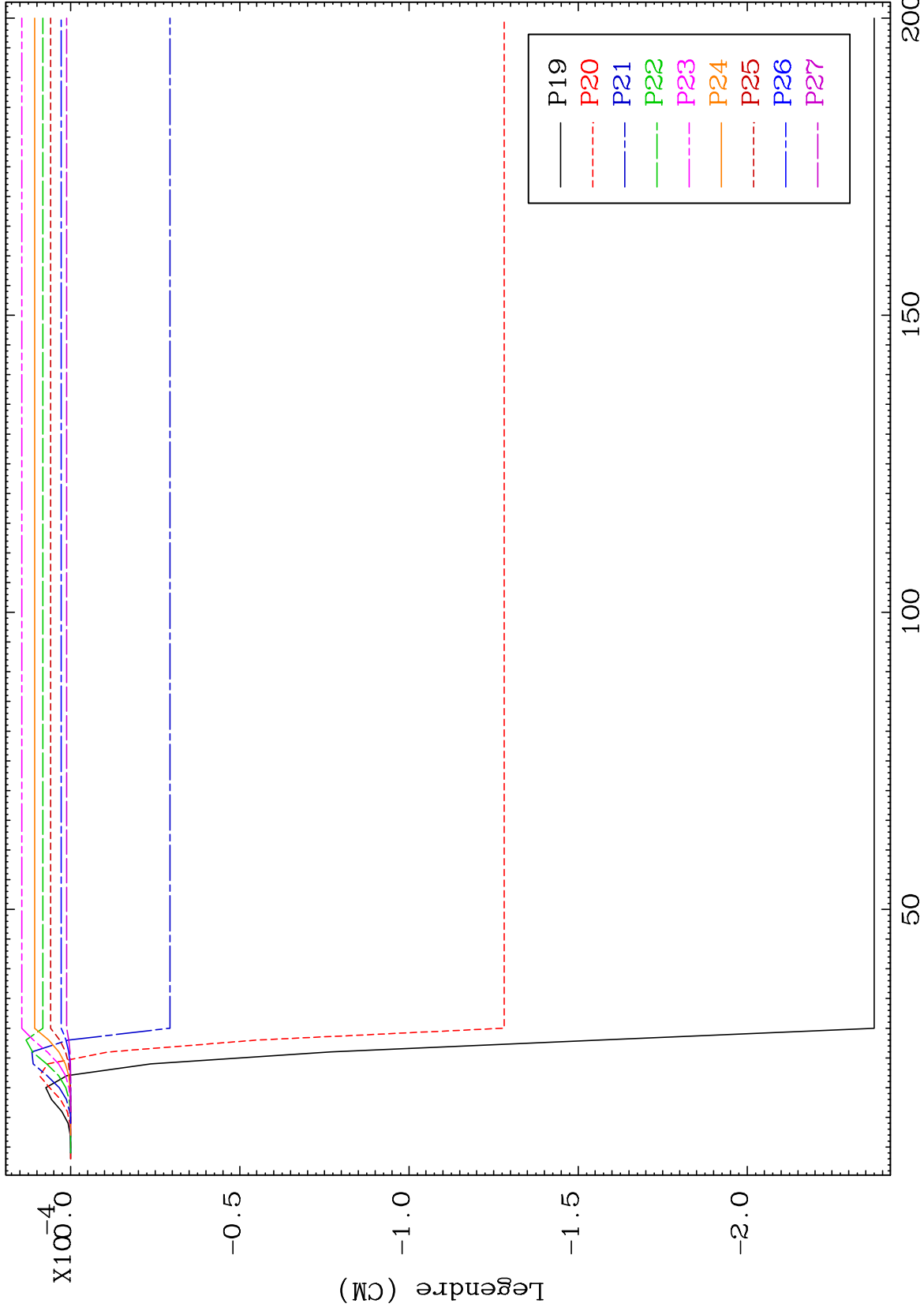
59-Pr-137

MAT 5913

MT= 74 (n,n') Level

59-Pr-137

Legendre Coefficients



114

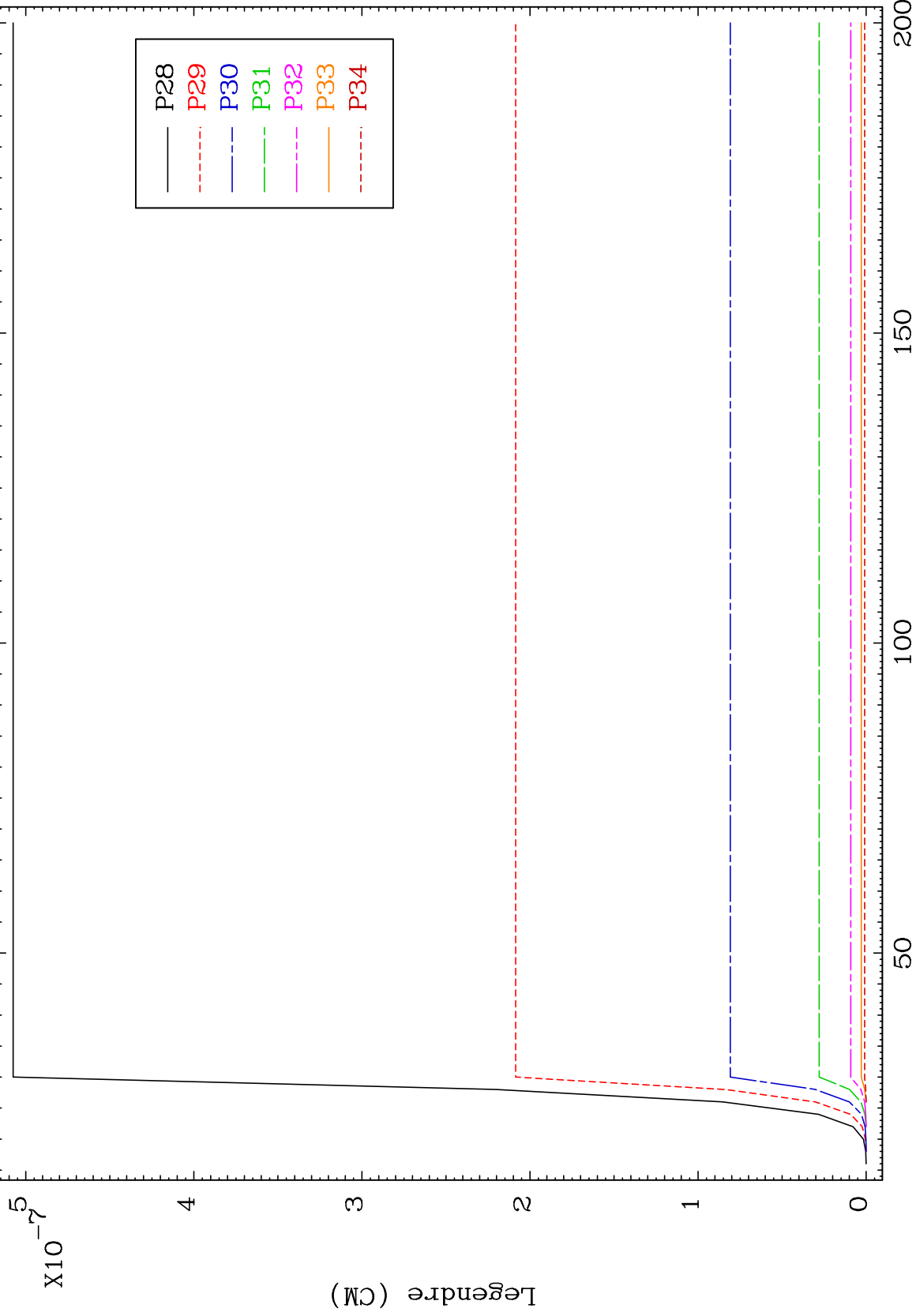
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



115

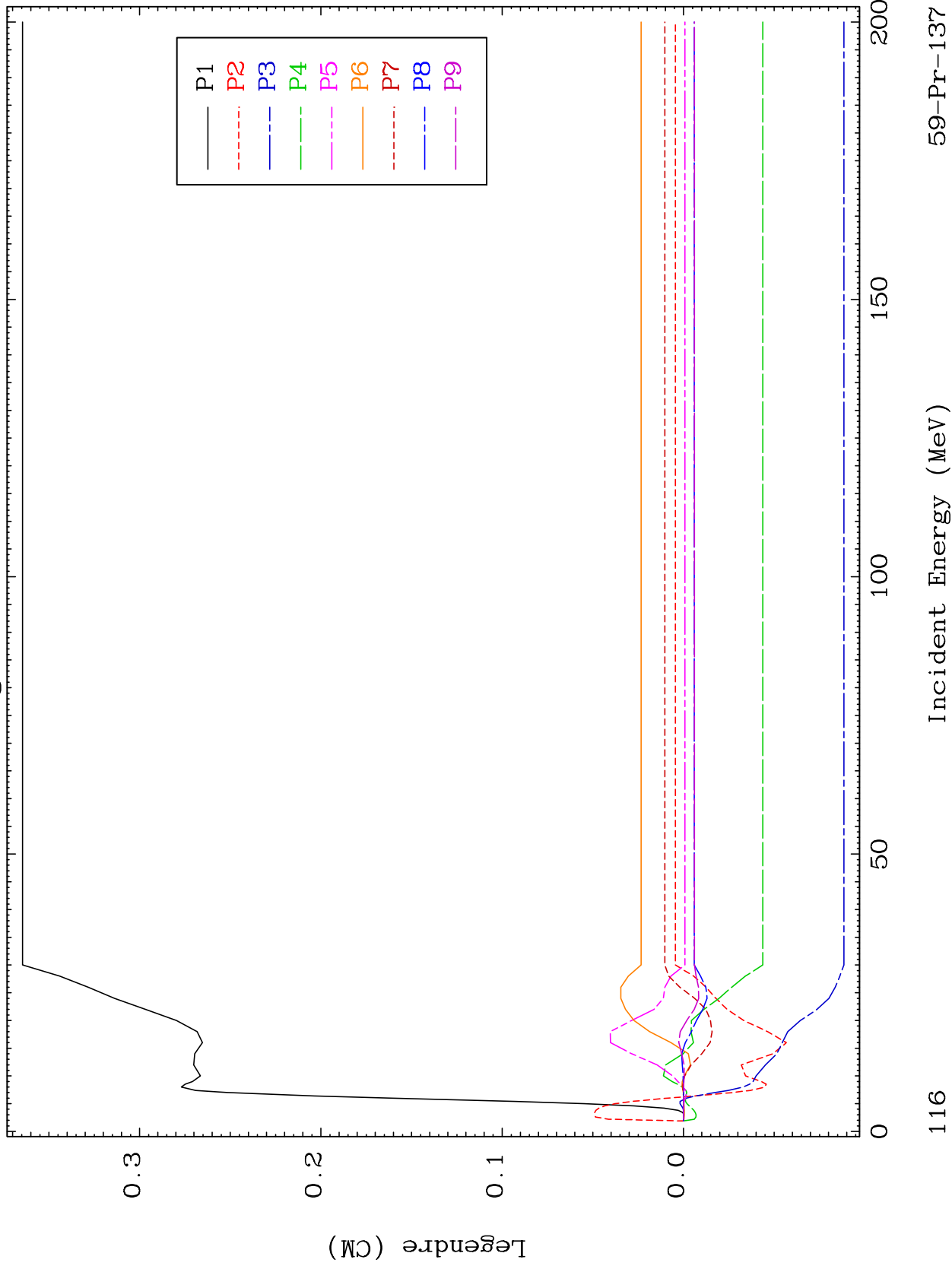
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



59-Pr-137

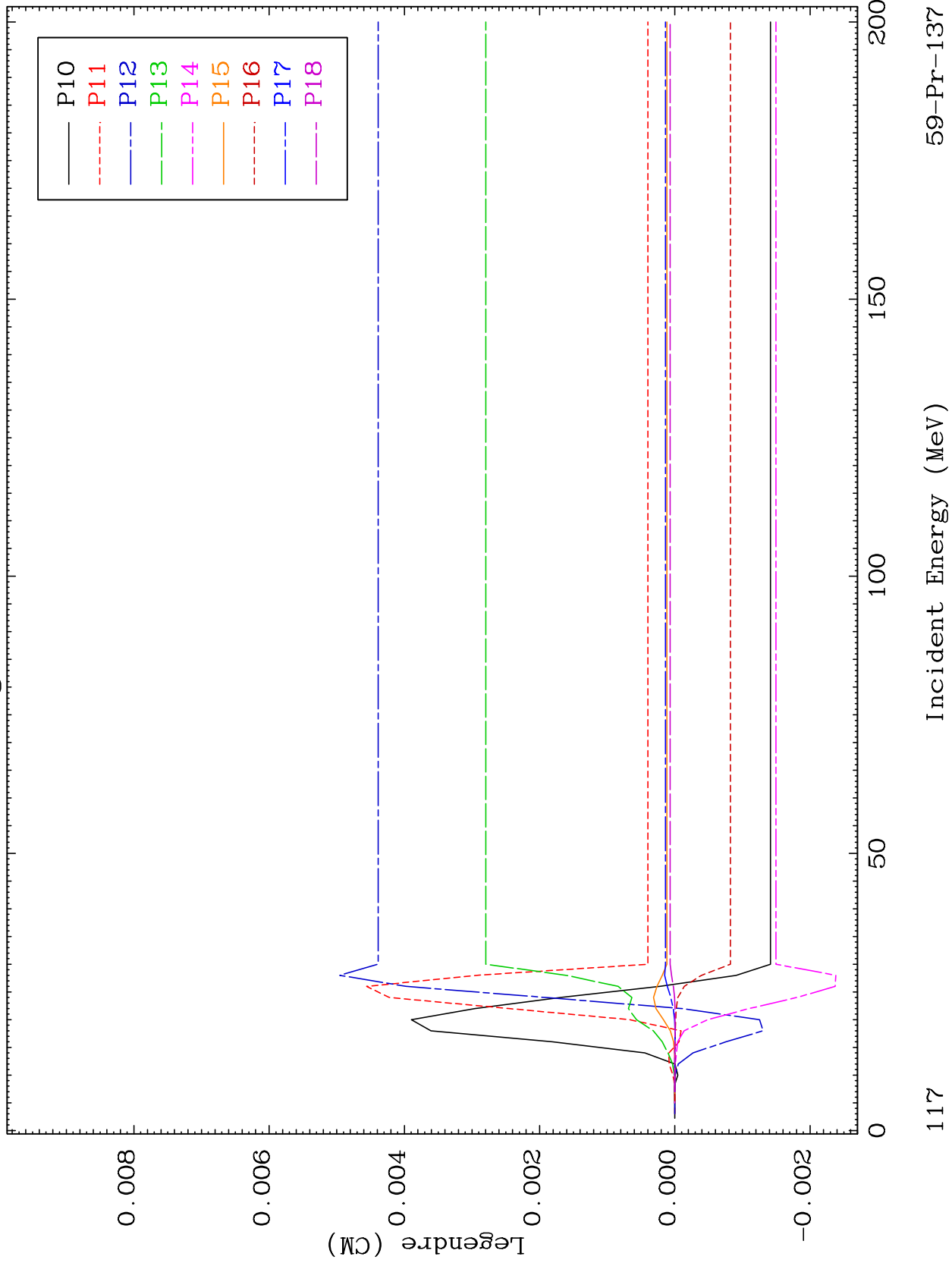
Incident Energy (MeV)

116

MAT 5913

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

59-Pr-137



59-Pr-137

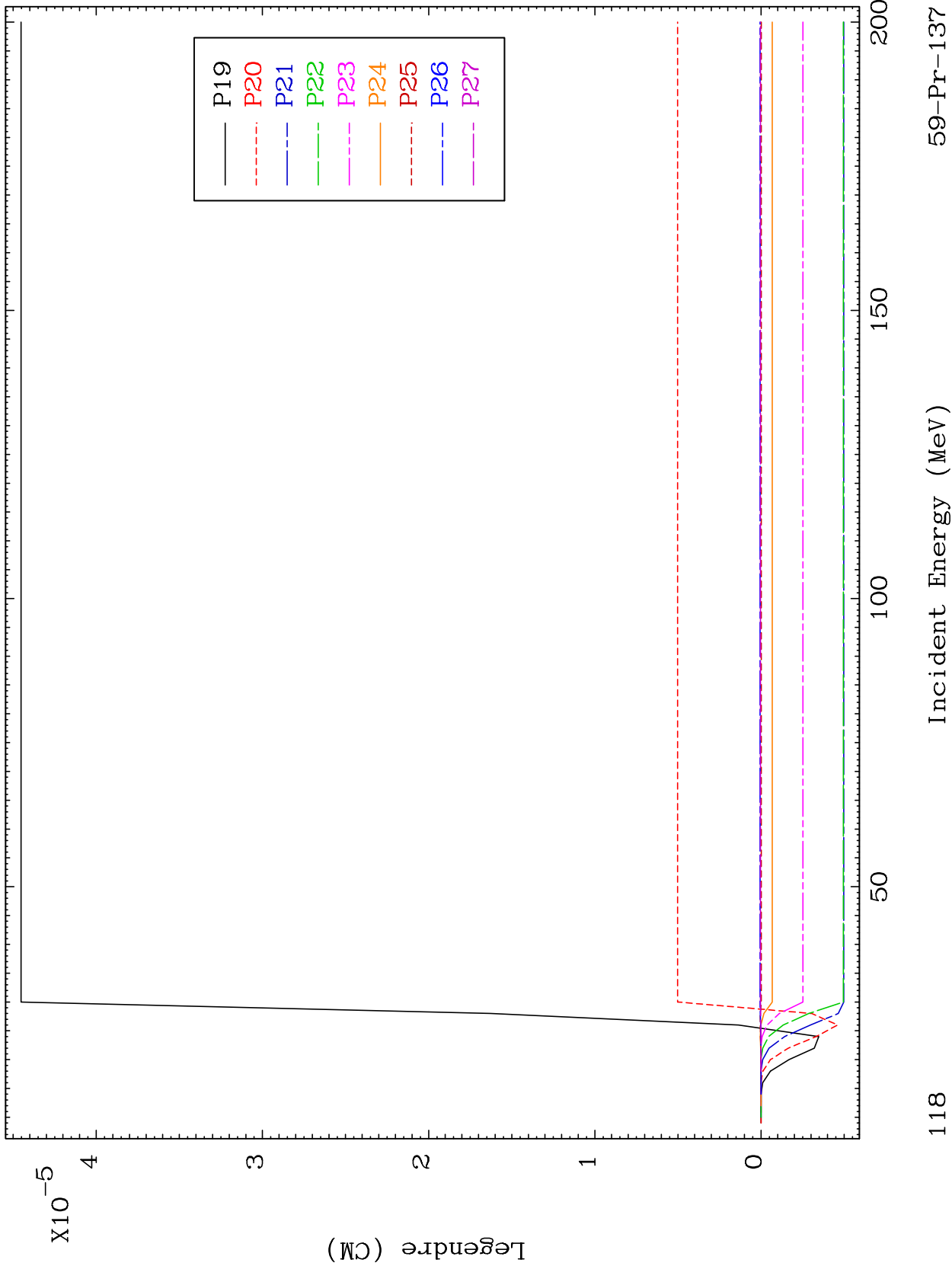
Incident Energy (MeV)

117

MAT 5913

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

59-Pr-137



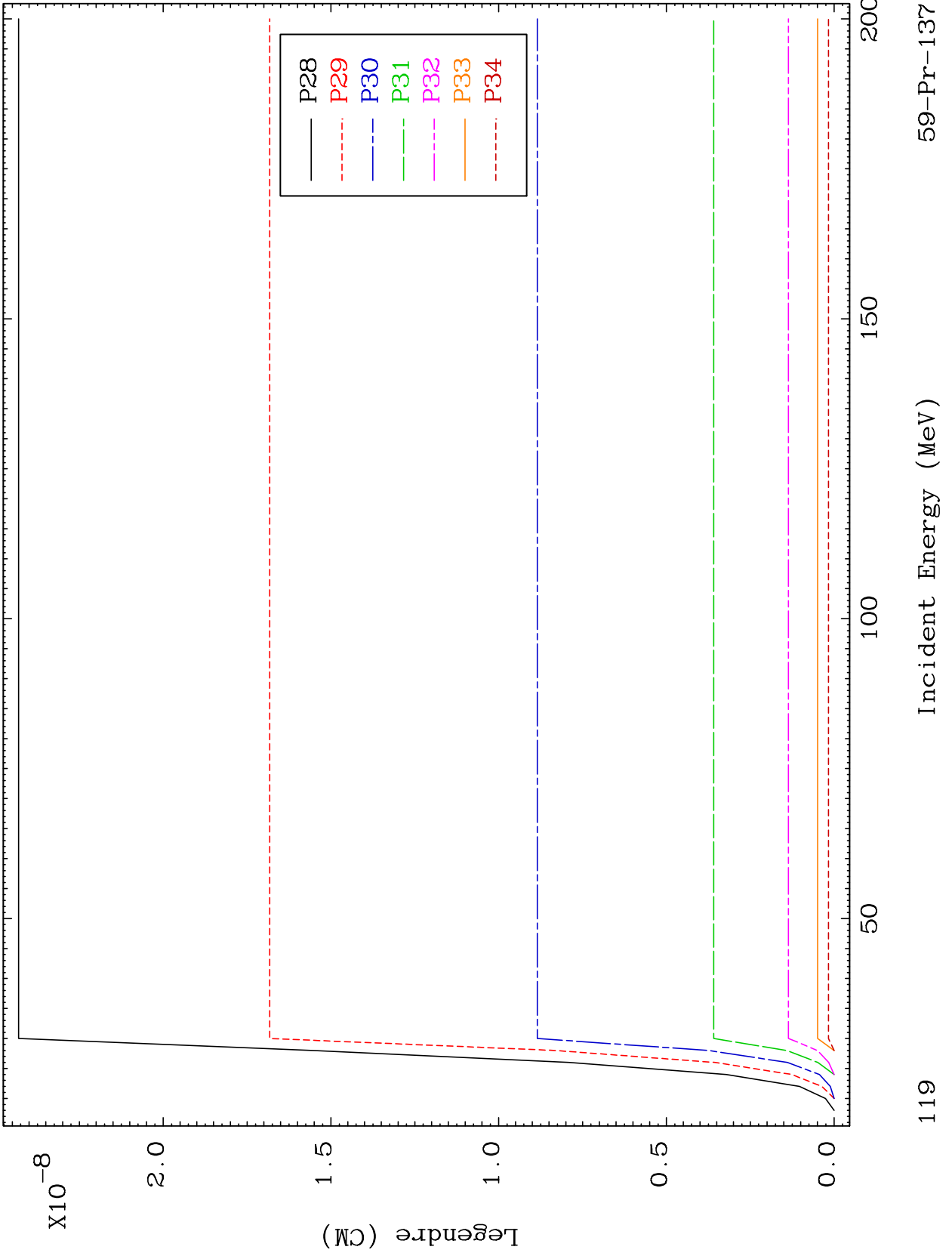
118

59-Pr-137

MAT 5913

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

59-Pr-137



119

Incident Energy (MeV)

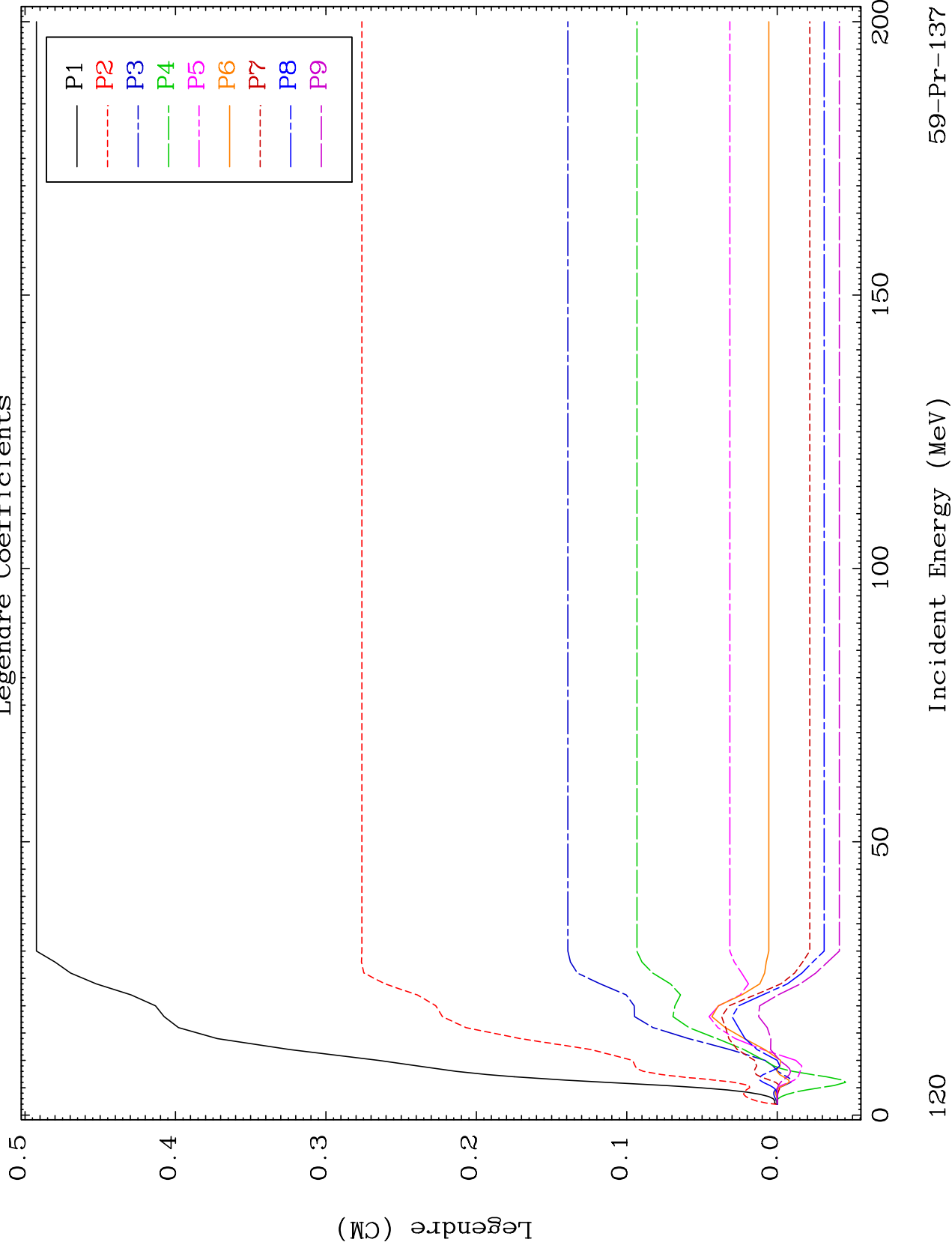
59-Pr-137

MAT 5913

MT= 76 (n,n') Level

59-Pr-137

Legendre Coefficients



59-Pr-137

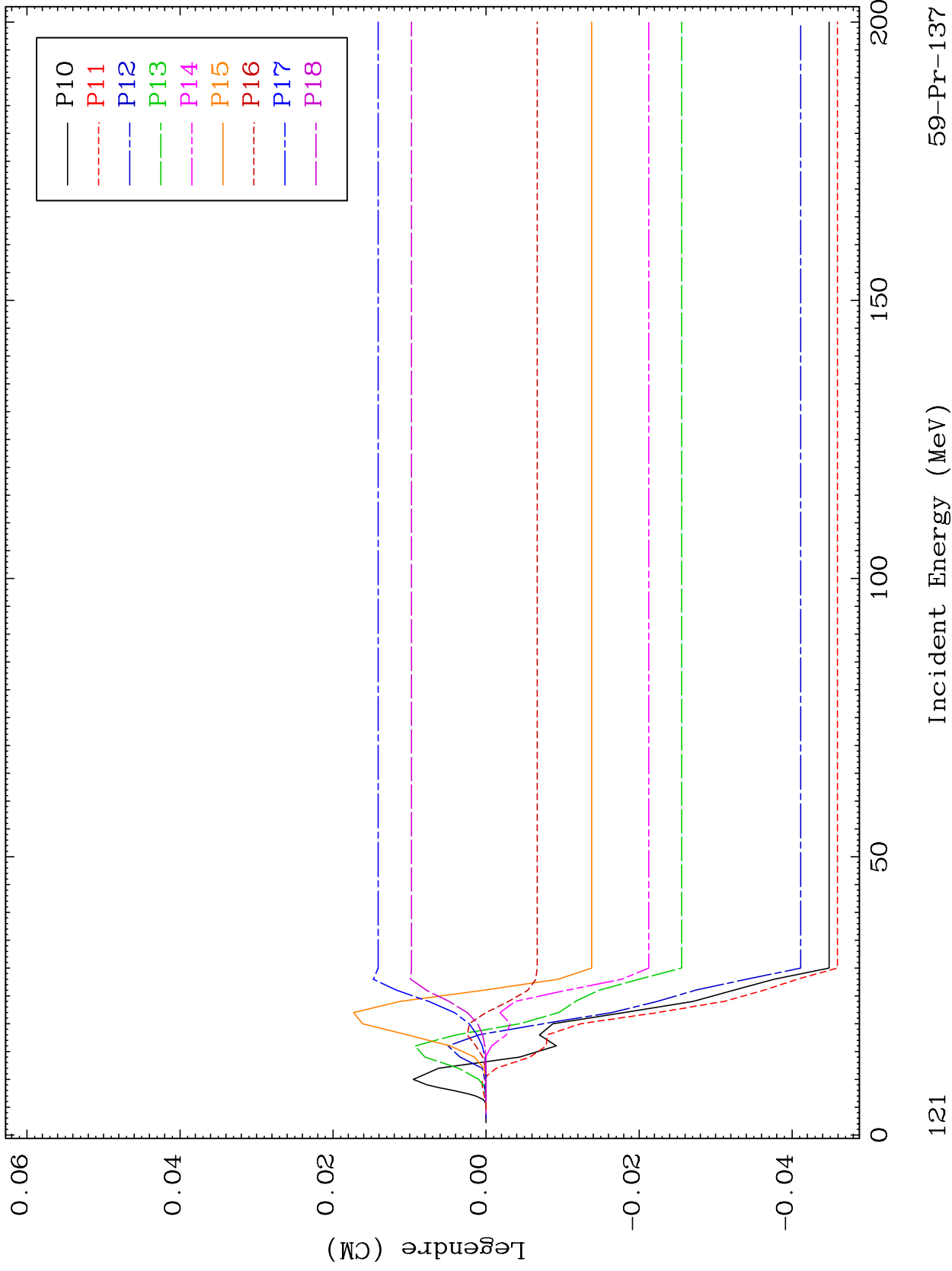
Incident Energy (MeV)

120

MAT 5913

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

59-Pr-137



59-Pr-137

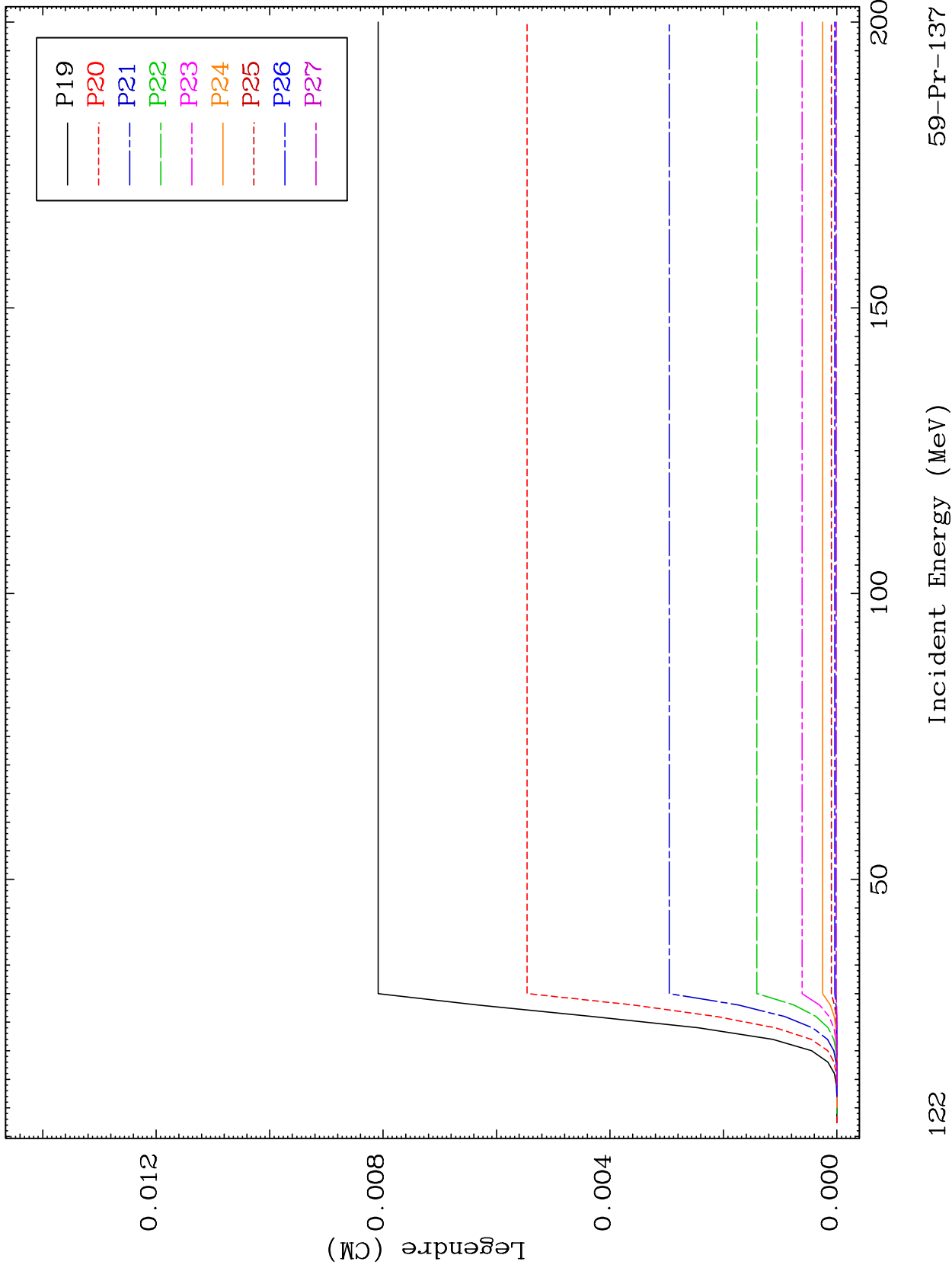
Incident Energy (MeV)

121

MAT 5913

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

59-Pr-137



122

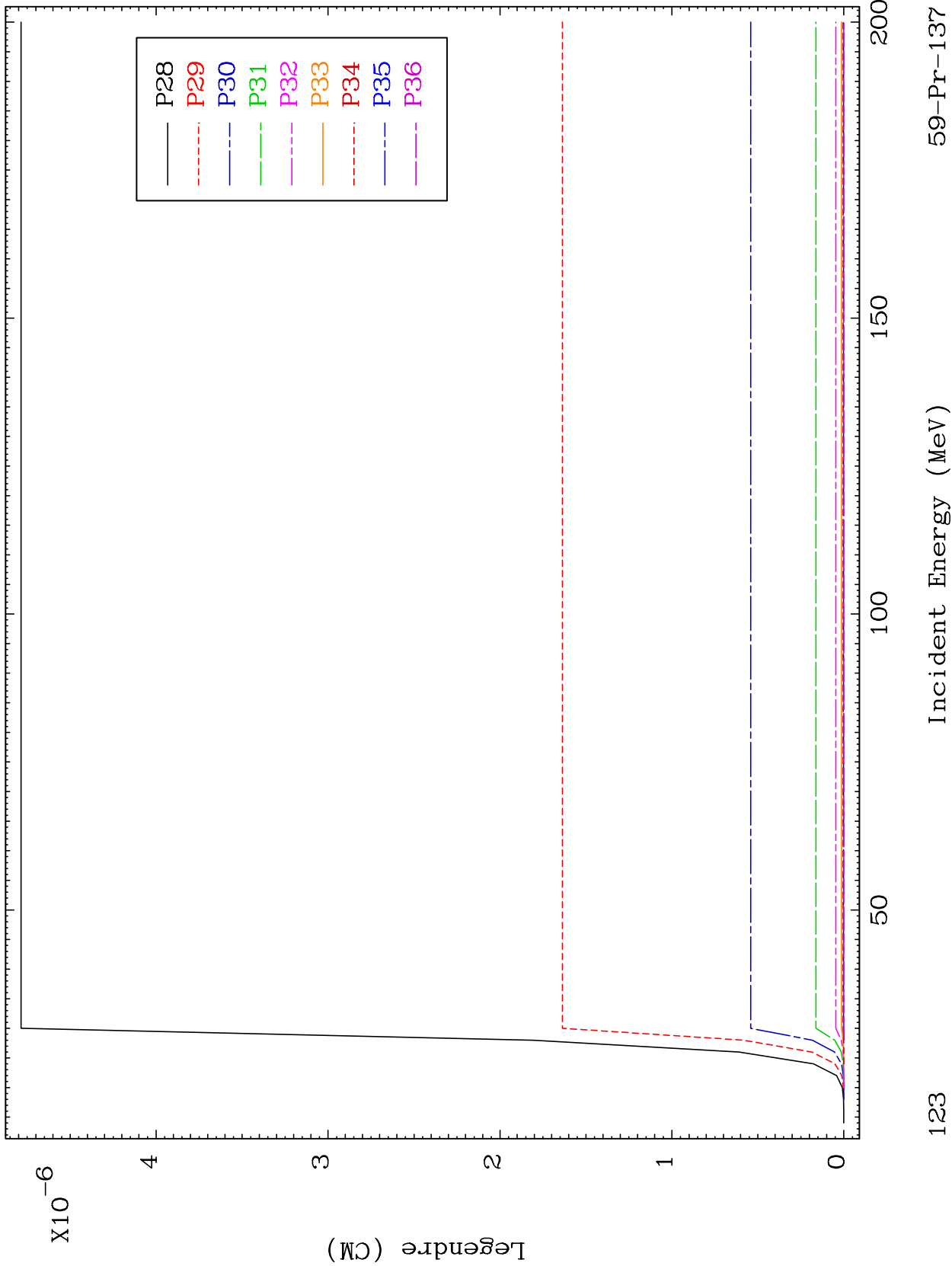
Incident Energy (MeV)

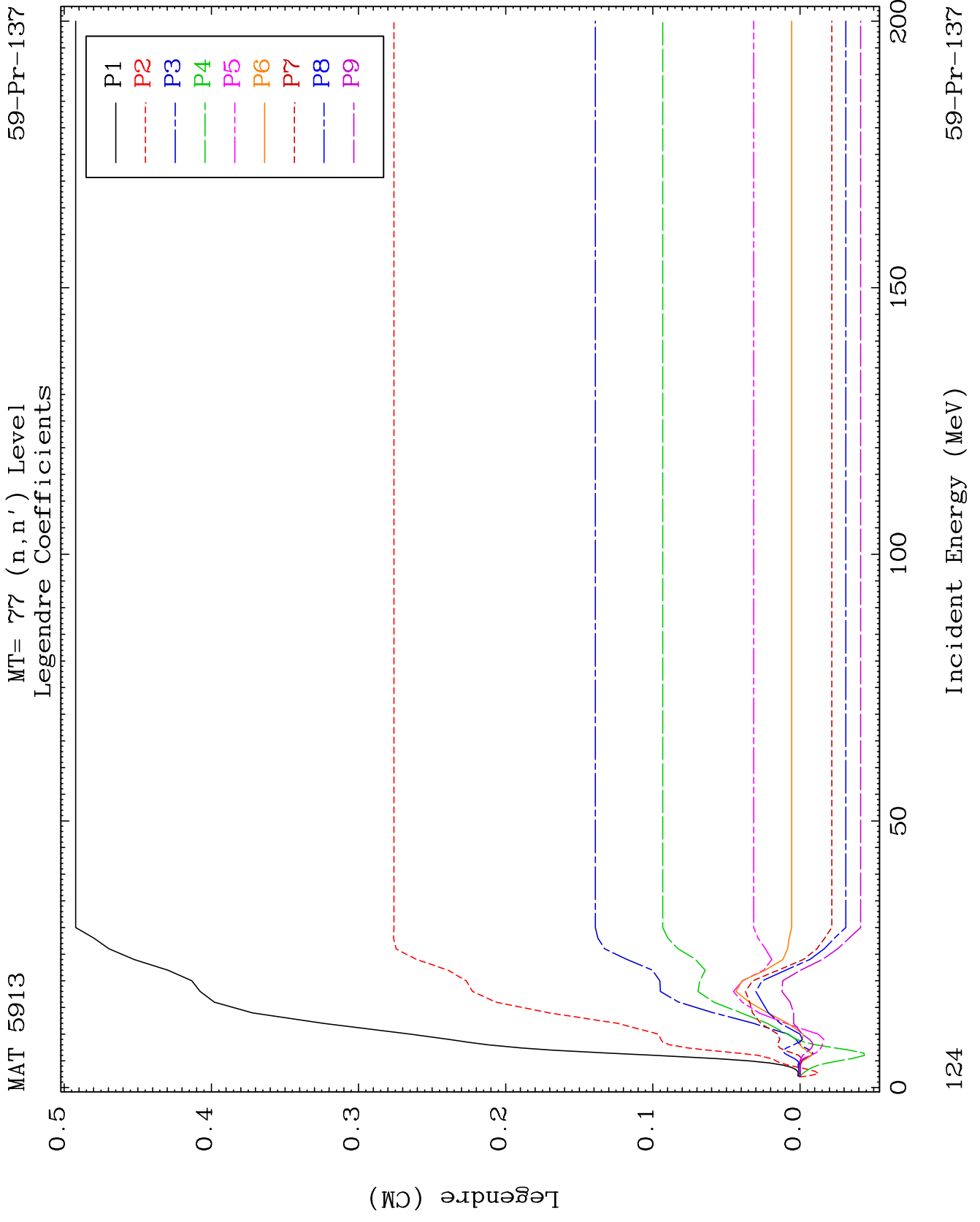
59-Pr-137

MAT 5913

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

59-Pr-137

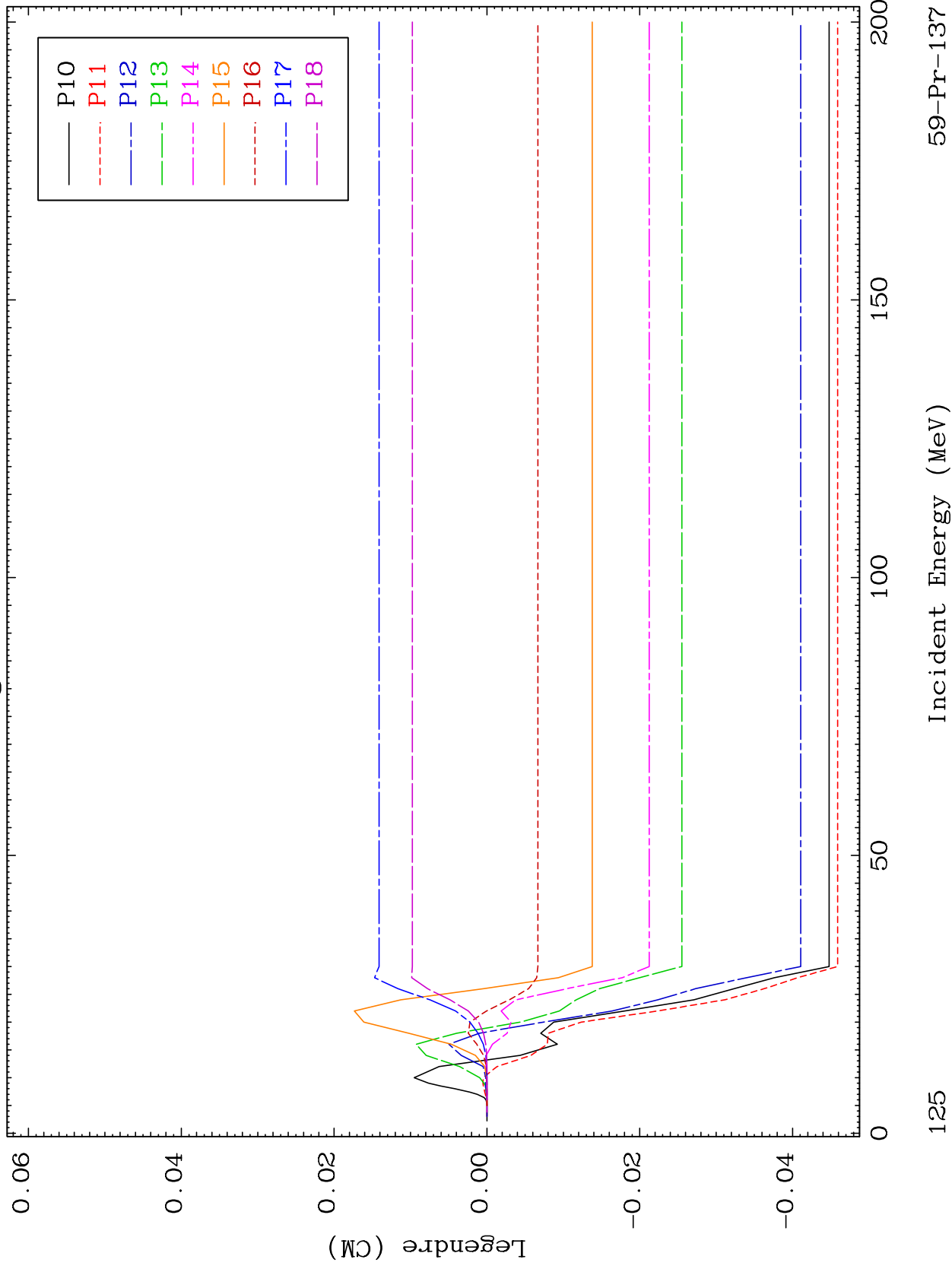




MAT 5913

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

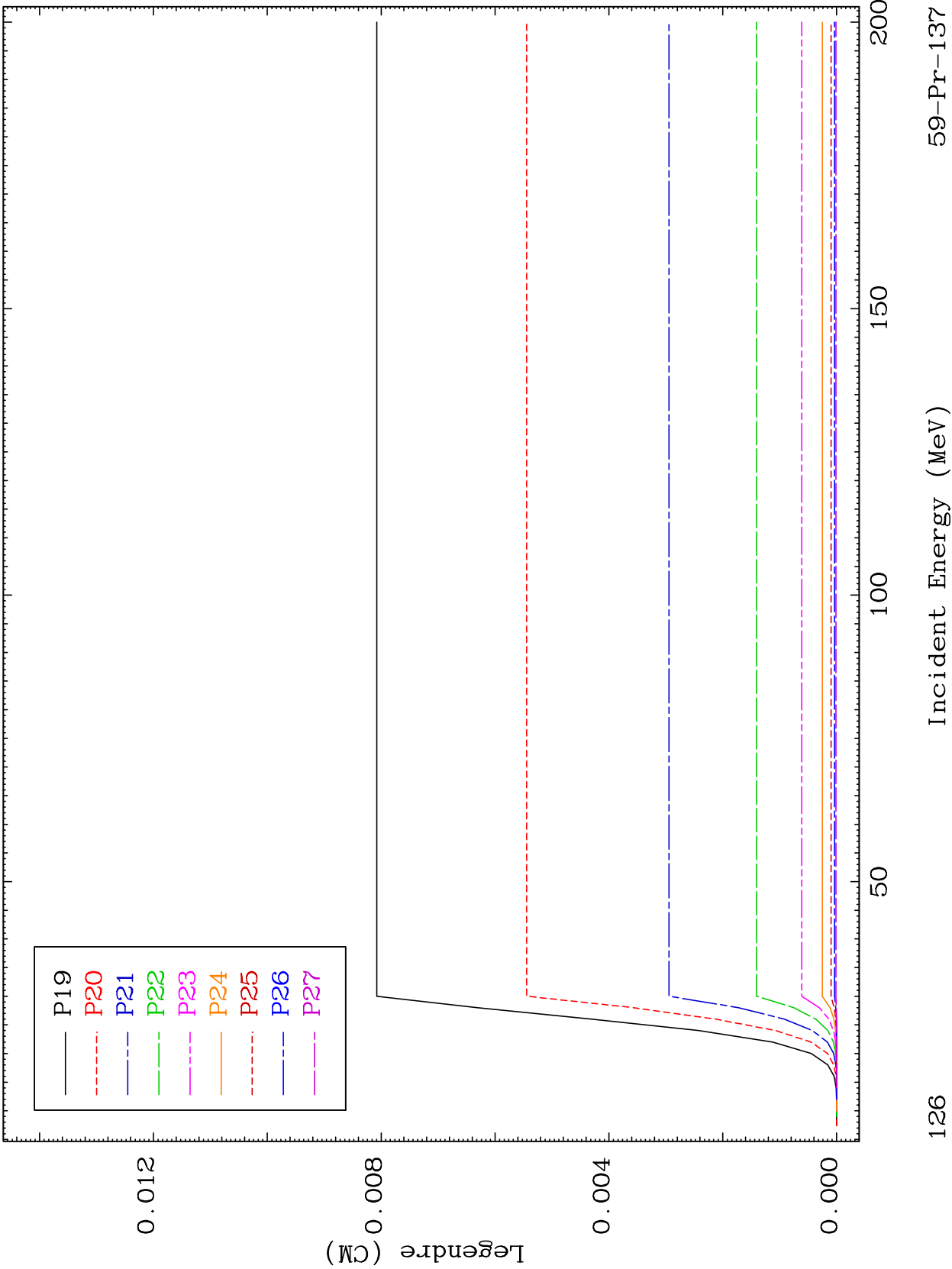
59-Pr-137



59-Pr-137

Incident Energy (MeV)

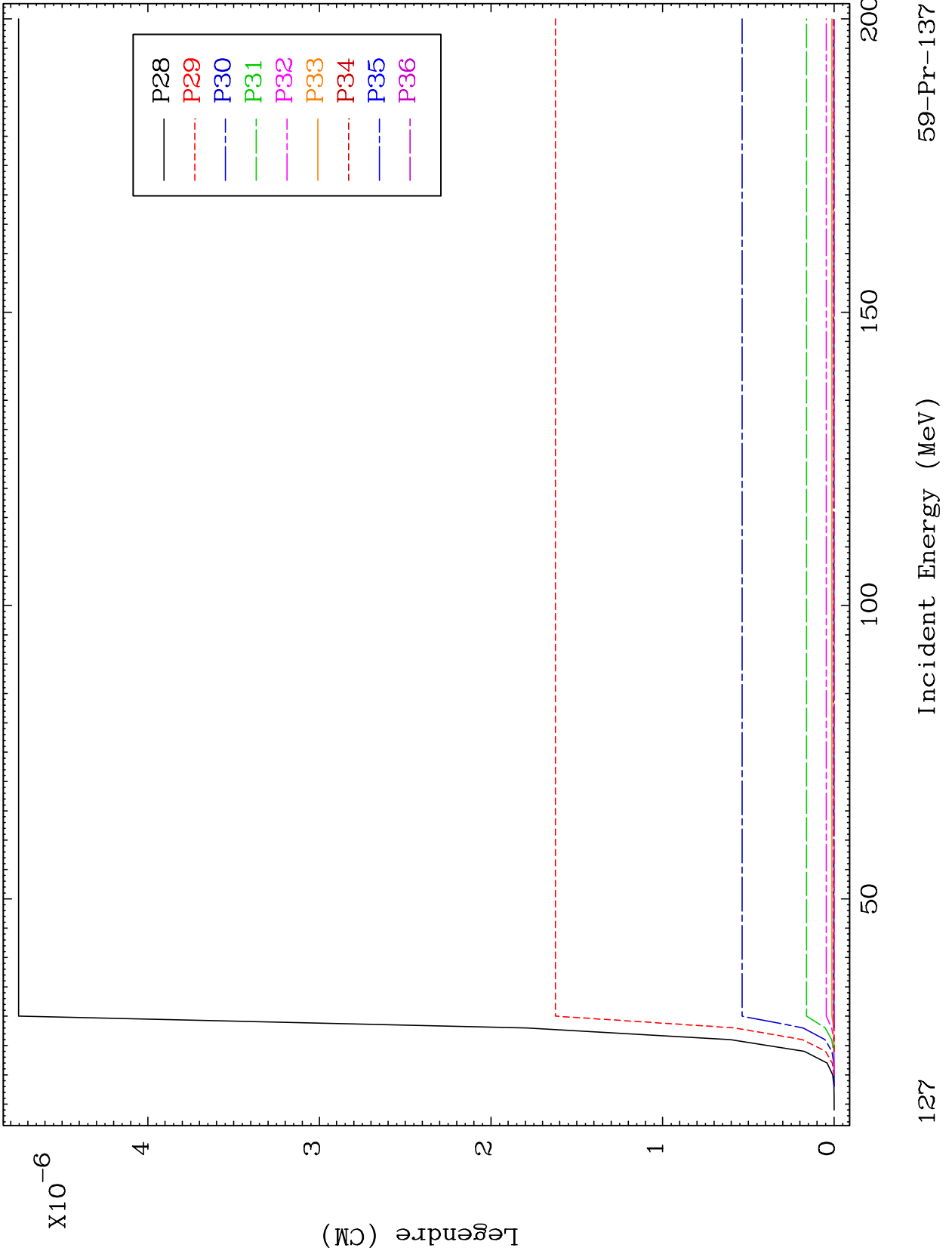
125



MAT 5913

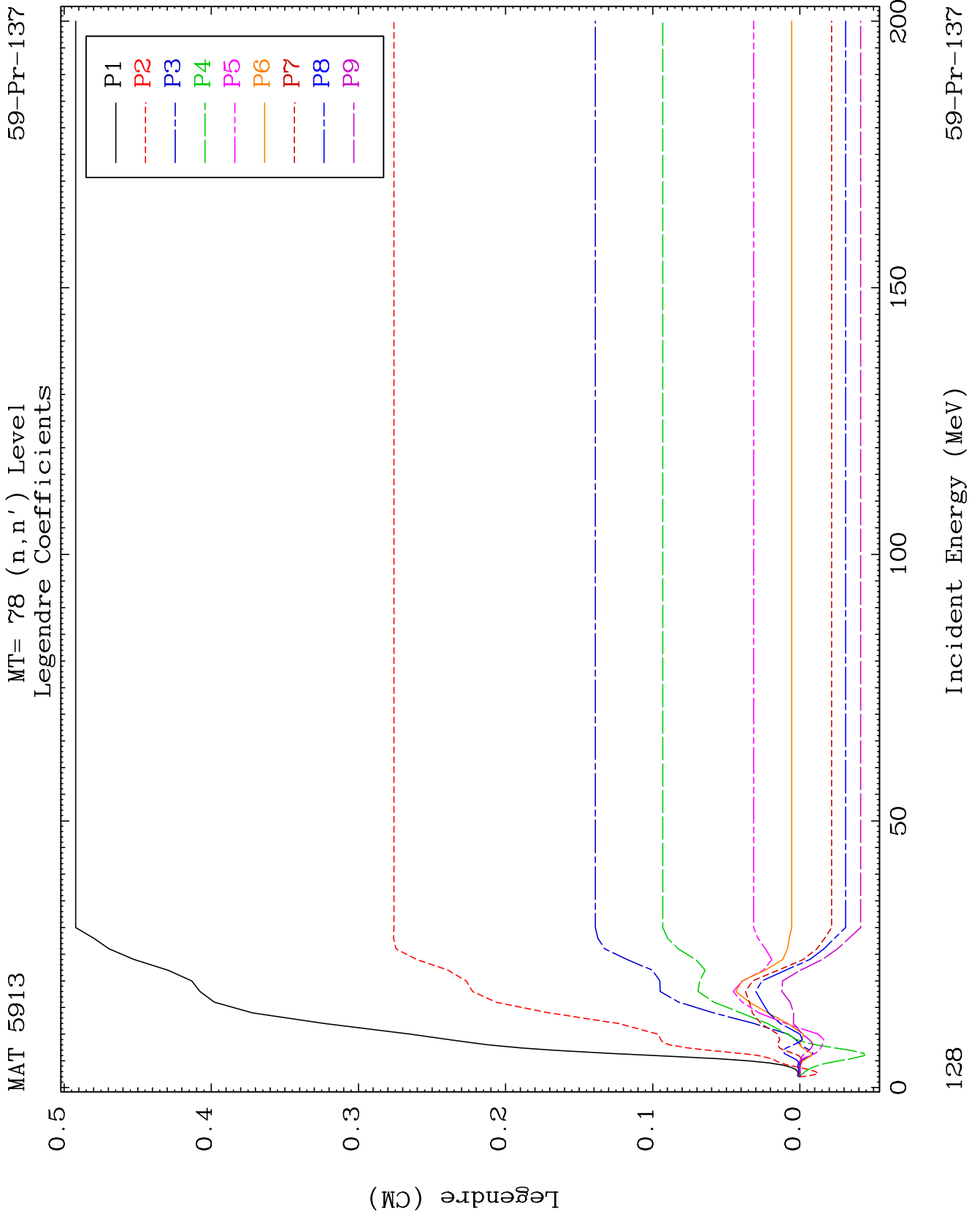
MT= 77 (n,n') Level
Legendre Coefficients

59-Pr-137



127

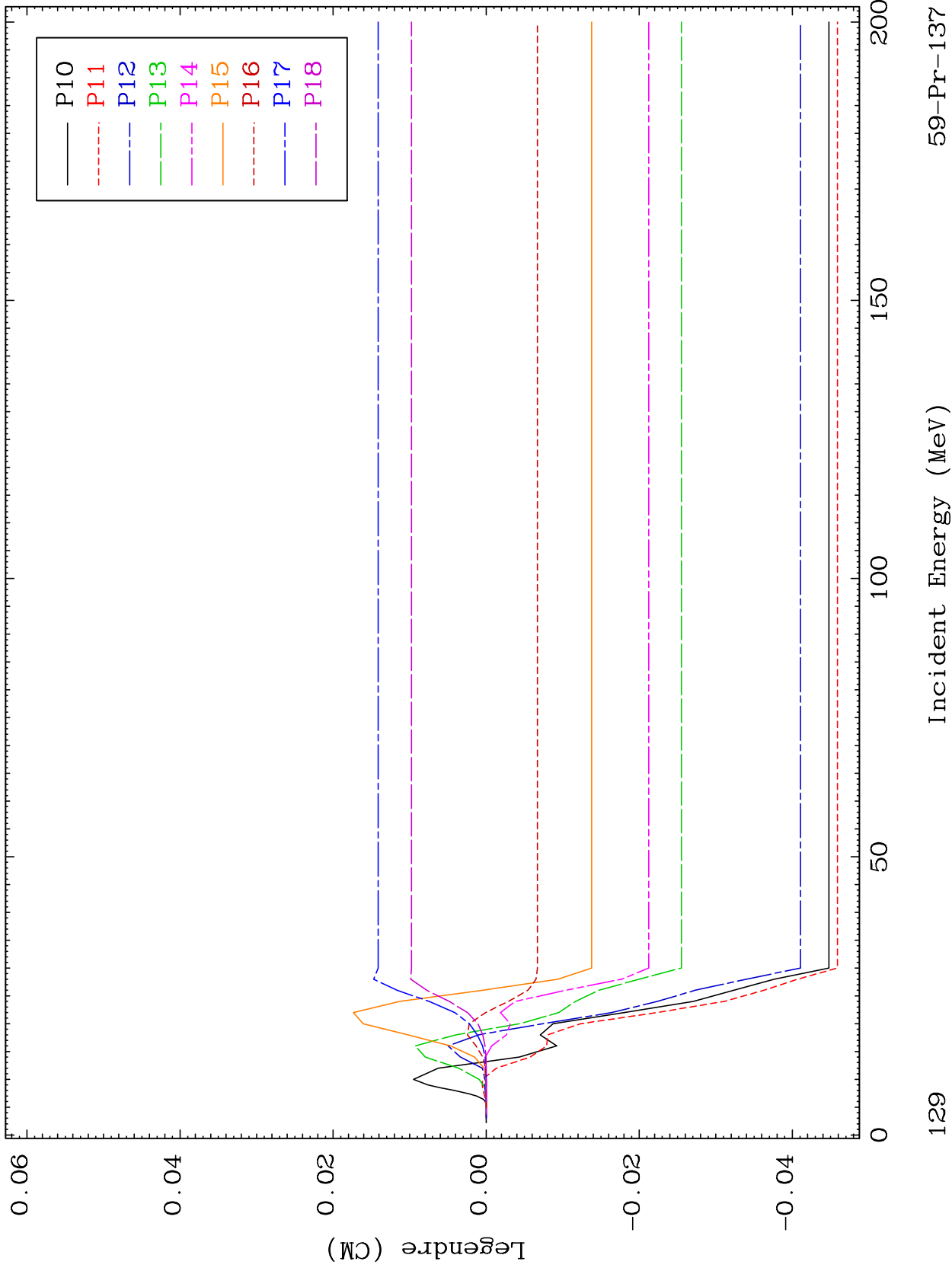
59-Pr-137



MAT 5913

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

59-Pr-137



129

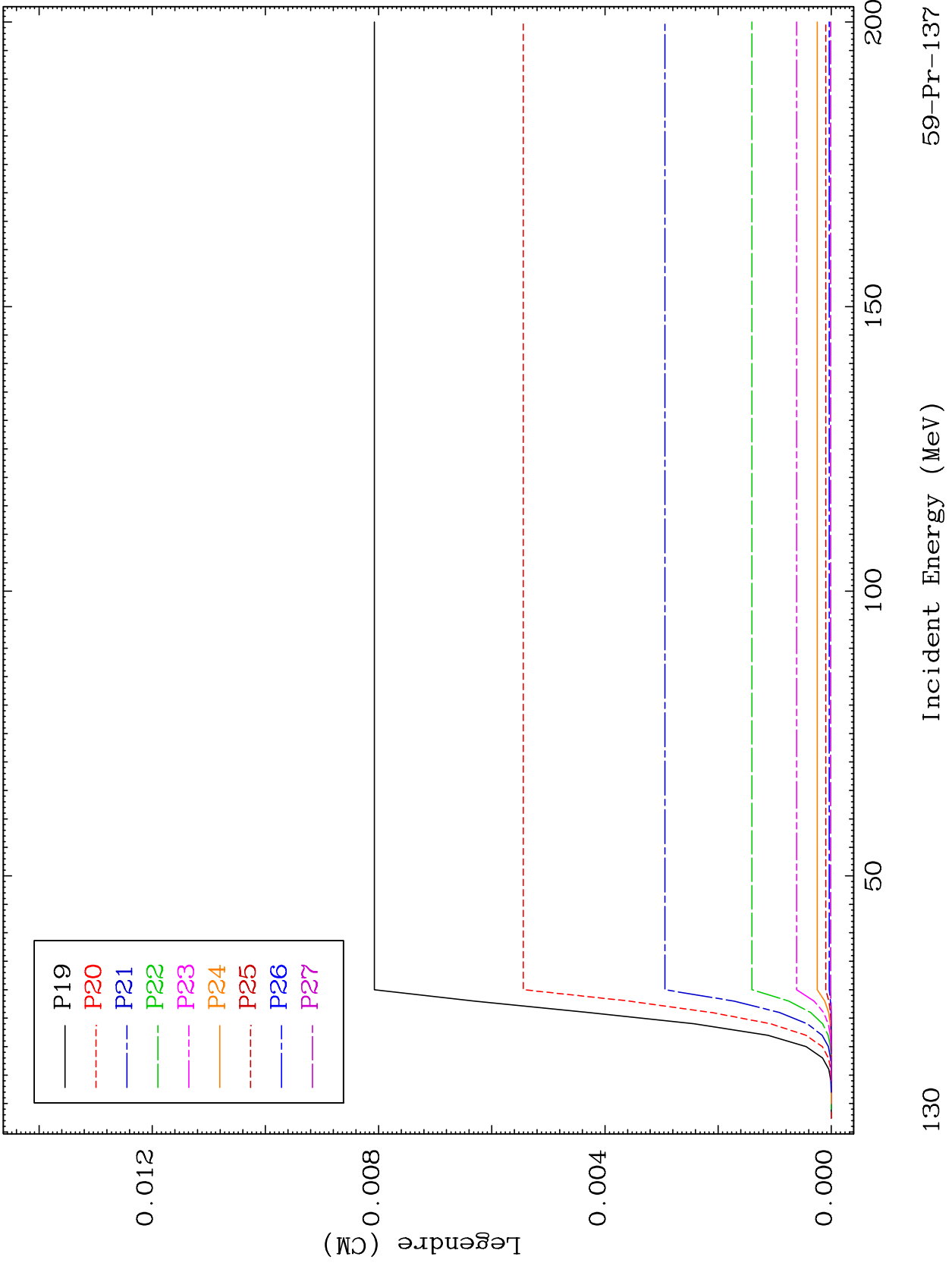
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



130

50

100

150

200

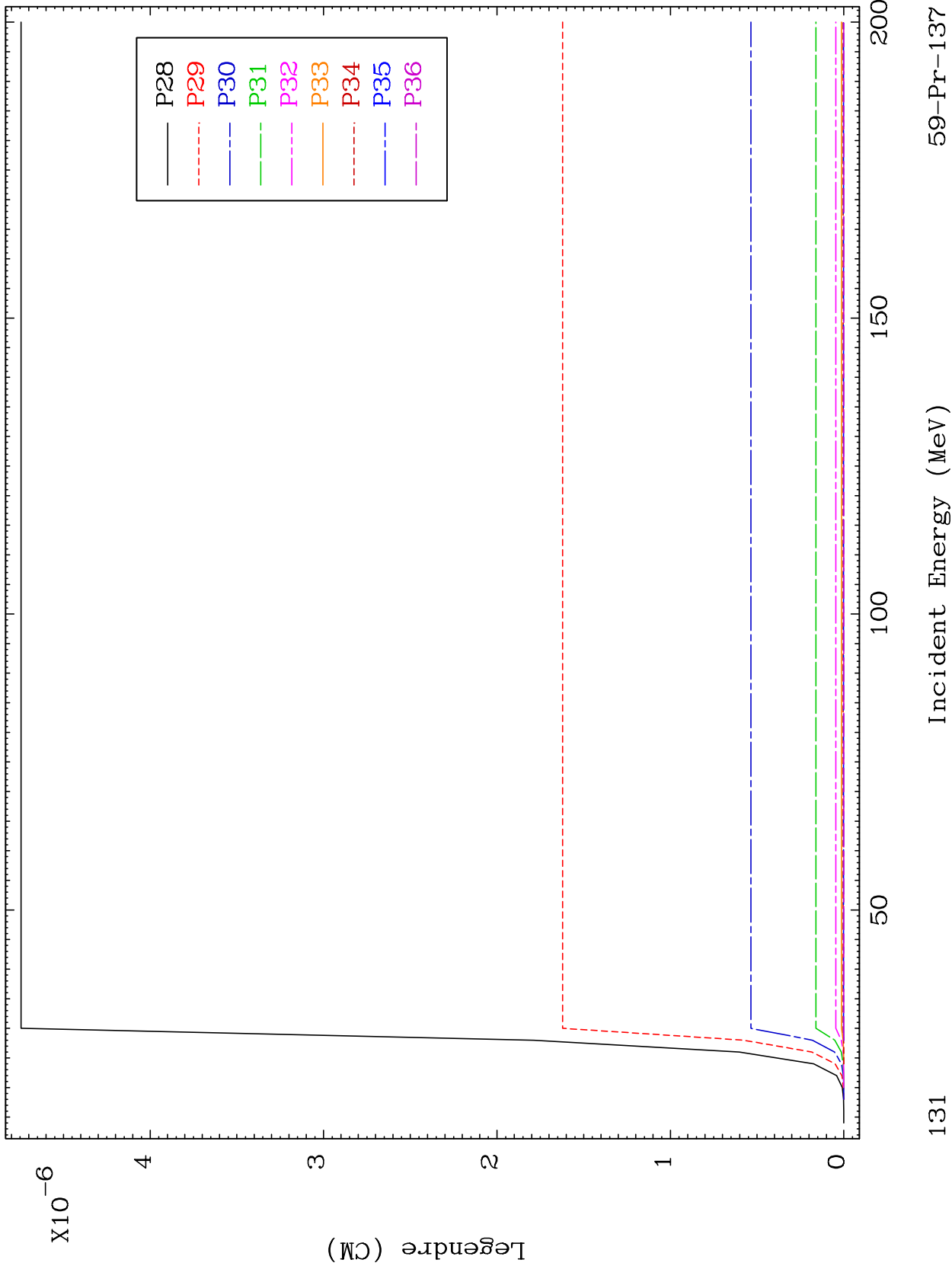
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

59-Pr-137



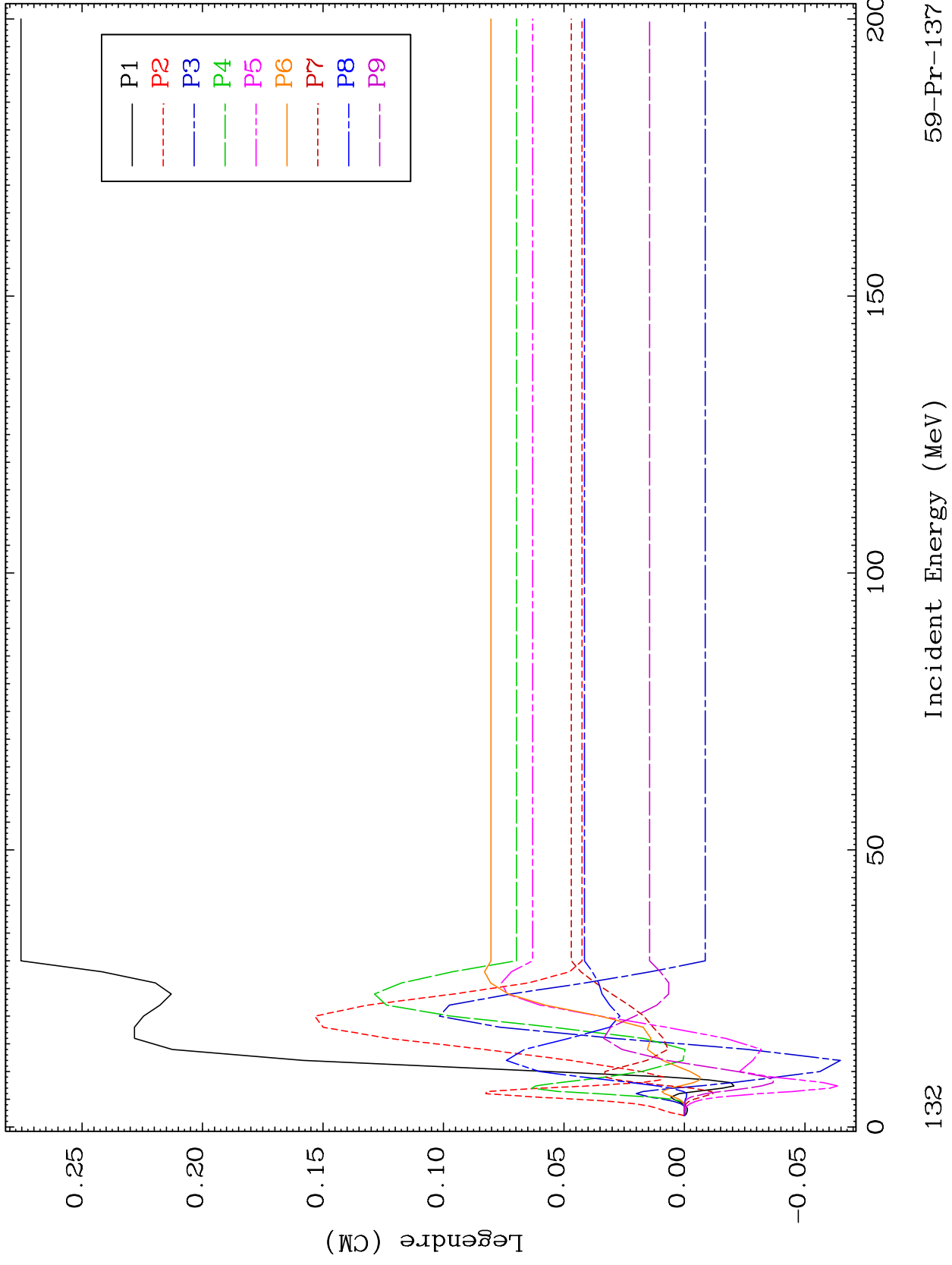
131

59-Pr-137

MAT 5913

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

59-Pr-137



59-Pr-137

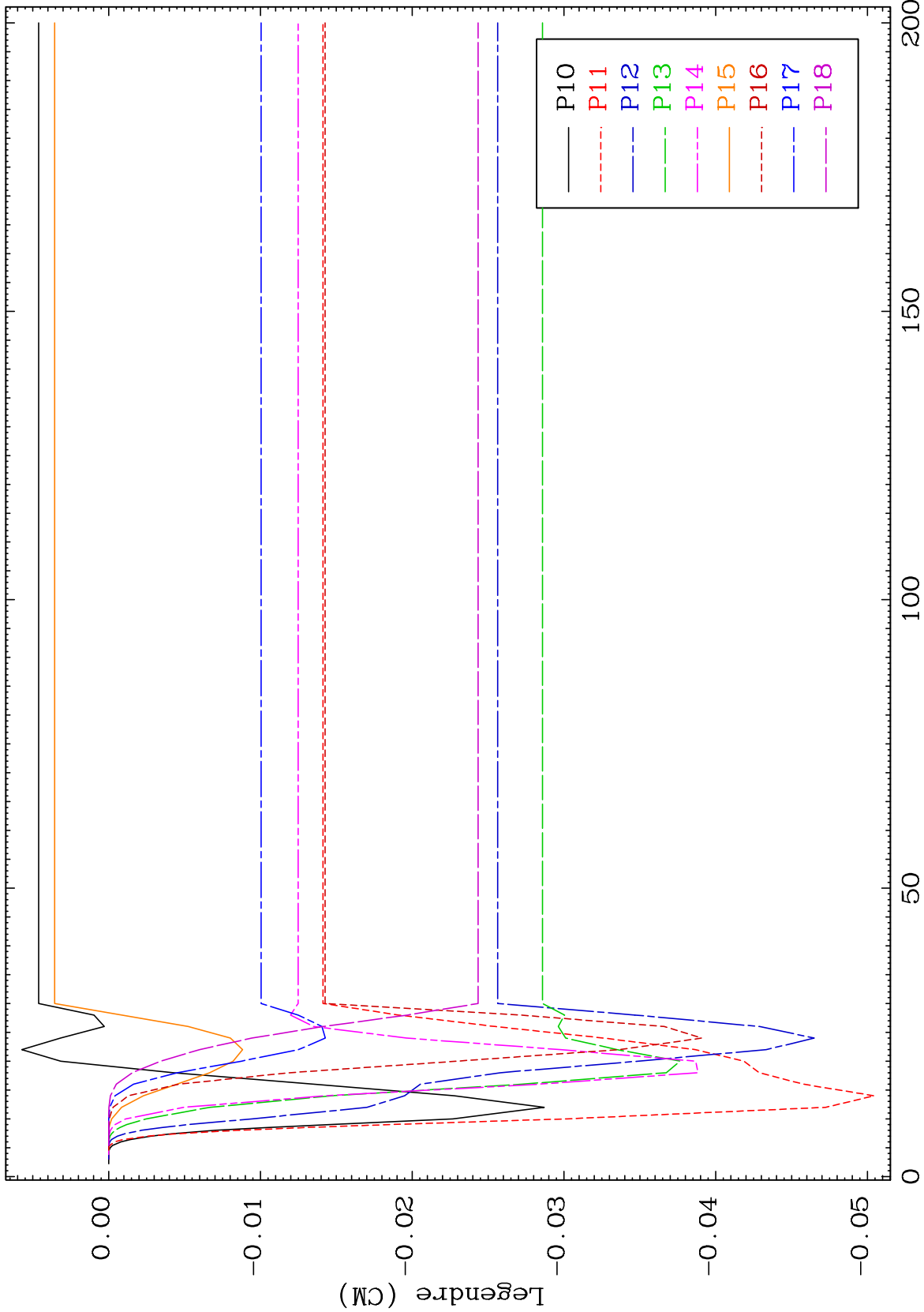
Incident Energy (MeV)

132

MAT 5913

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

59-Pr-137



133

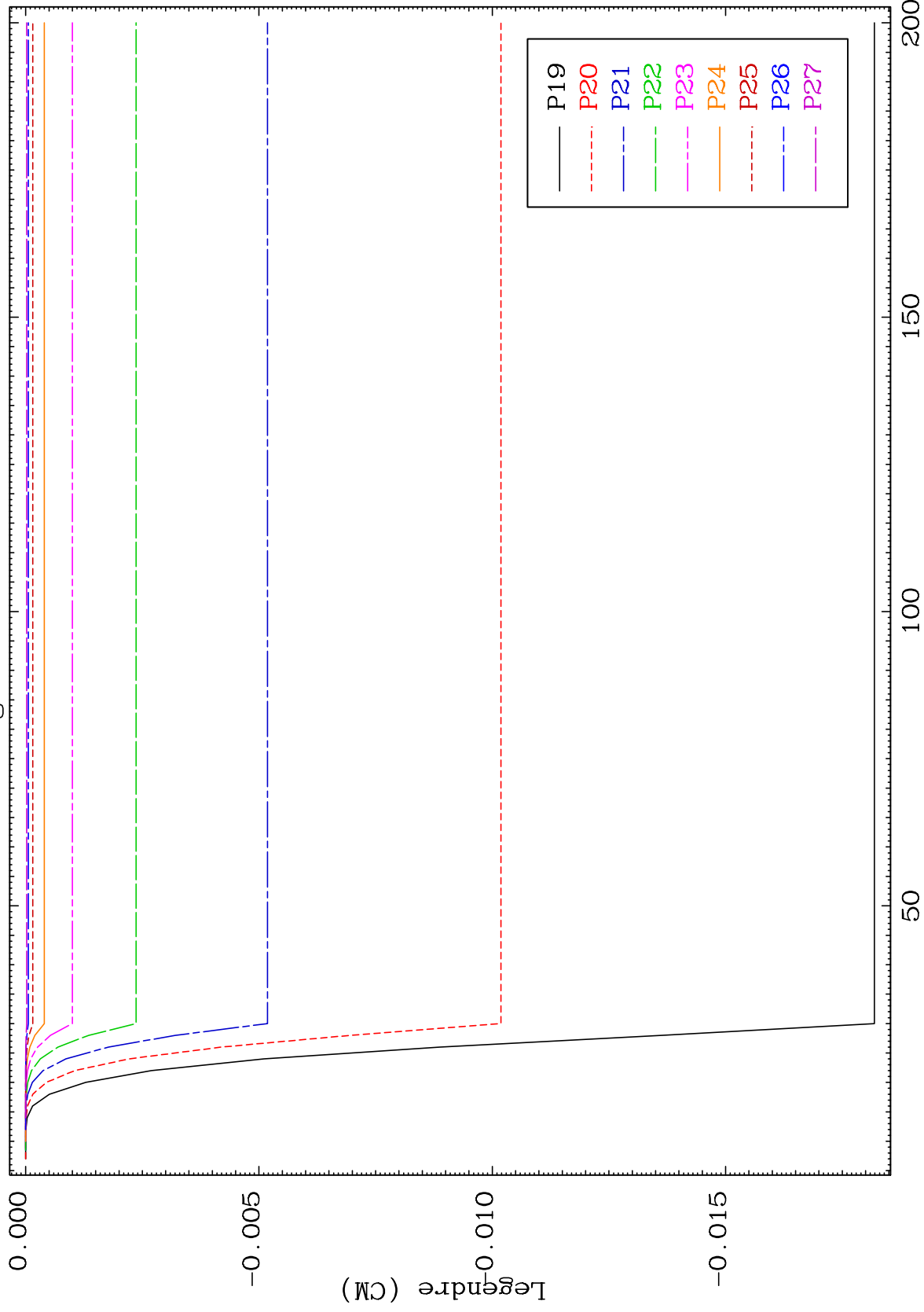
Incident Energy (MeV)

59-Pr-137

MAT 5913

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

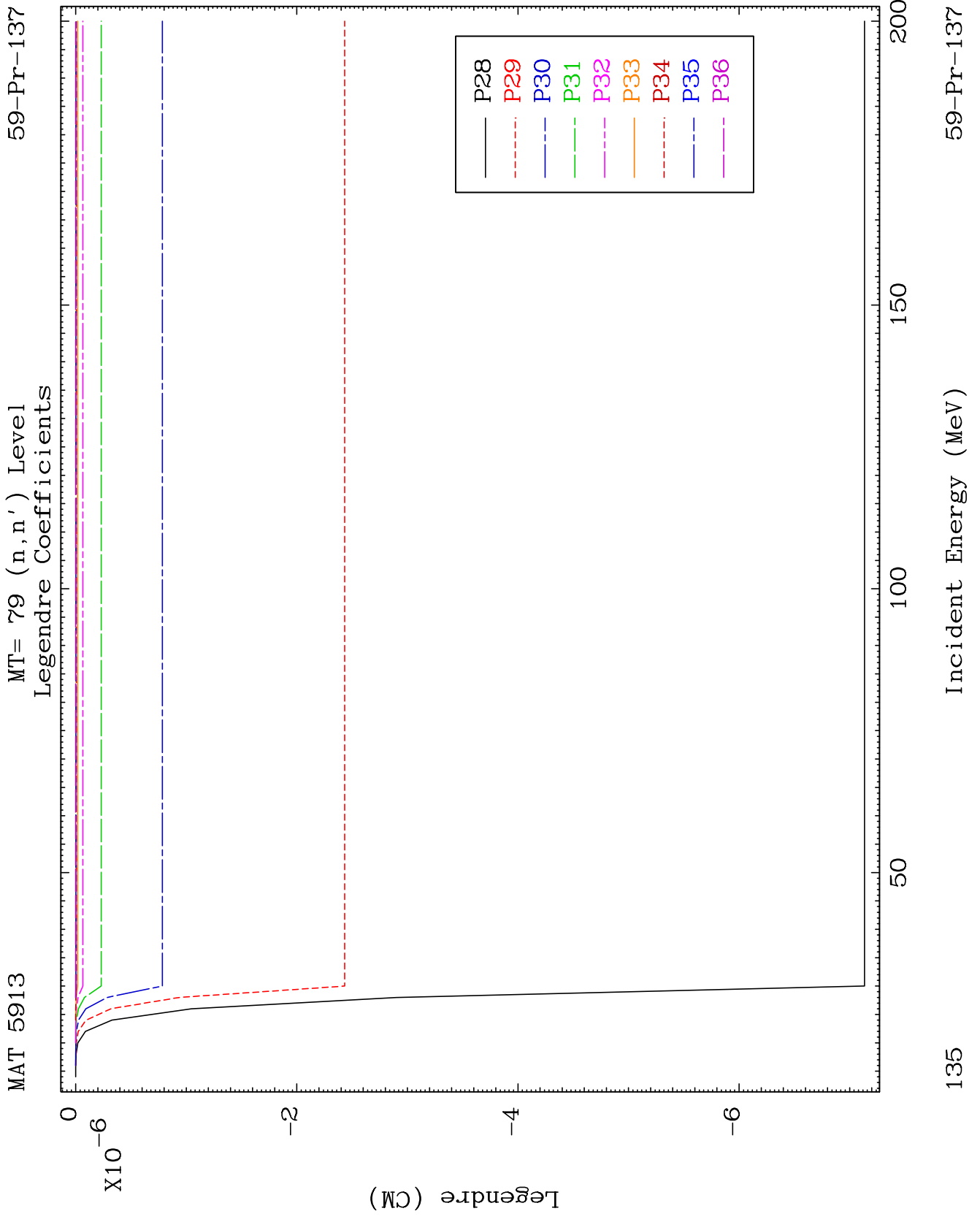
59-Pr-137



134

Incident Energy (MeV)

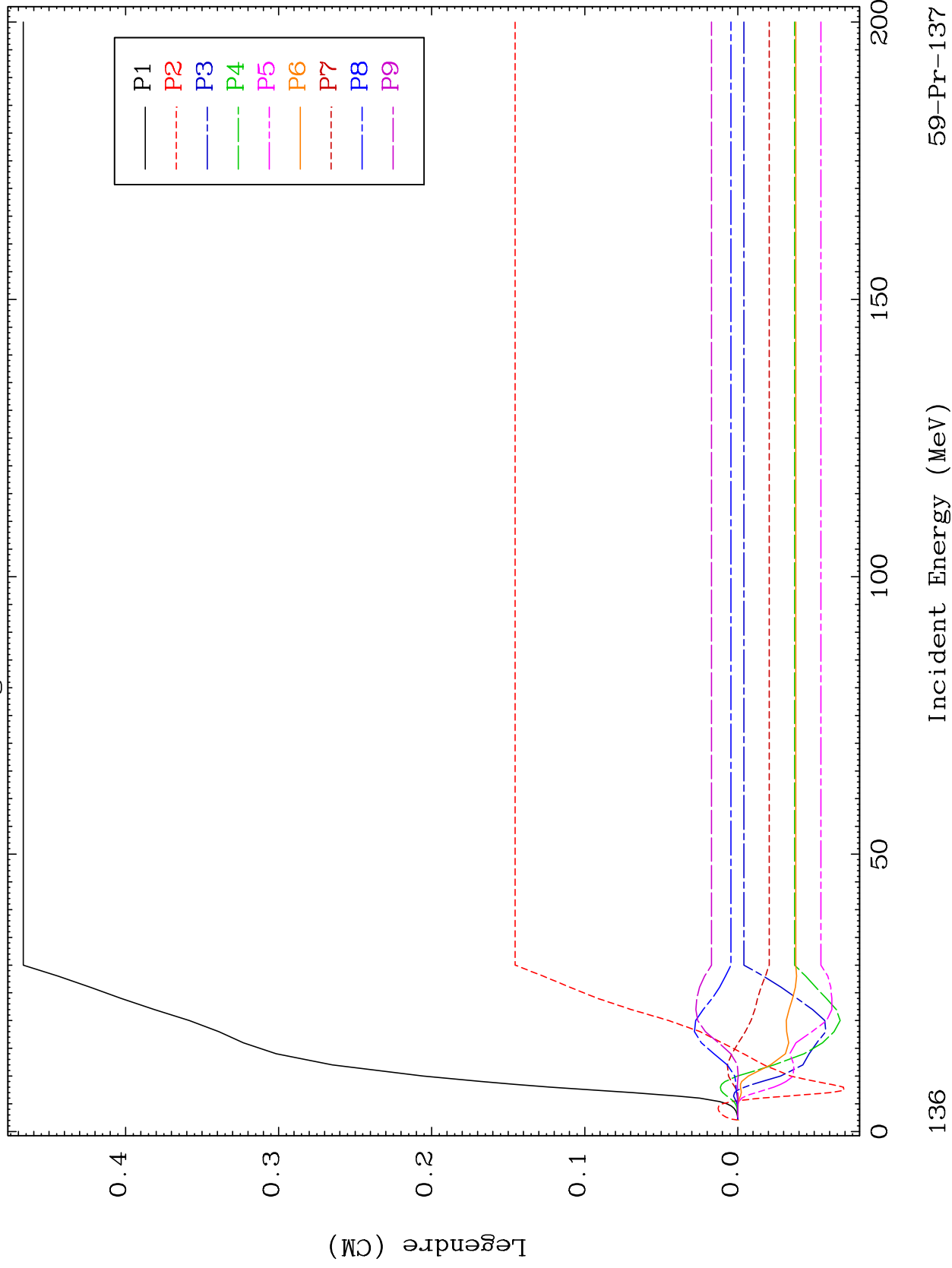
59-Pr-137



MAT 5913

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

59-Pr-137



59-Pr-137

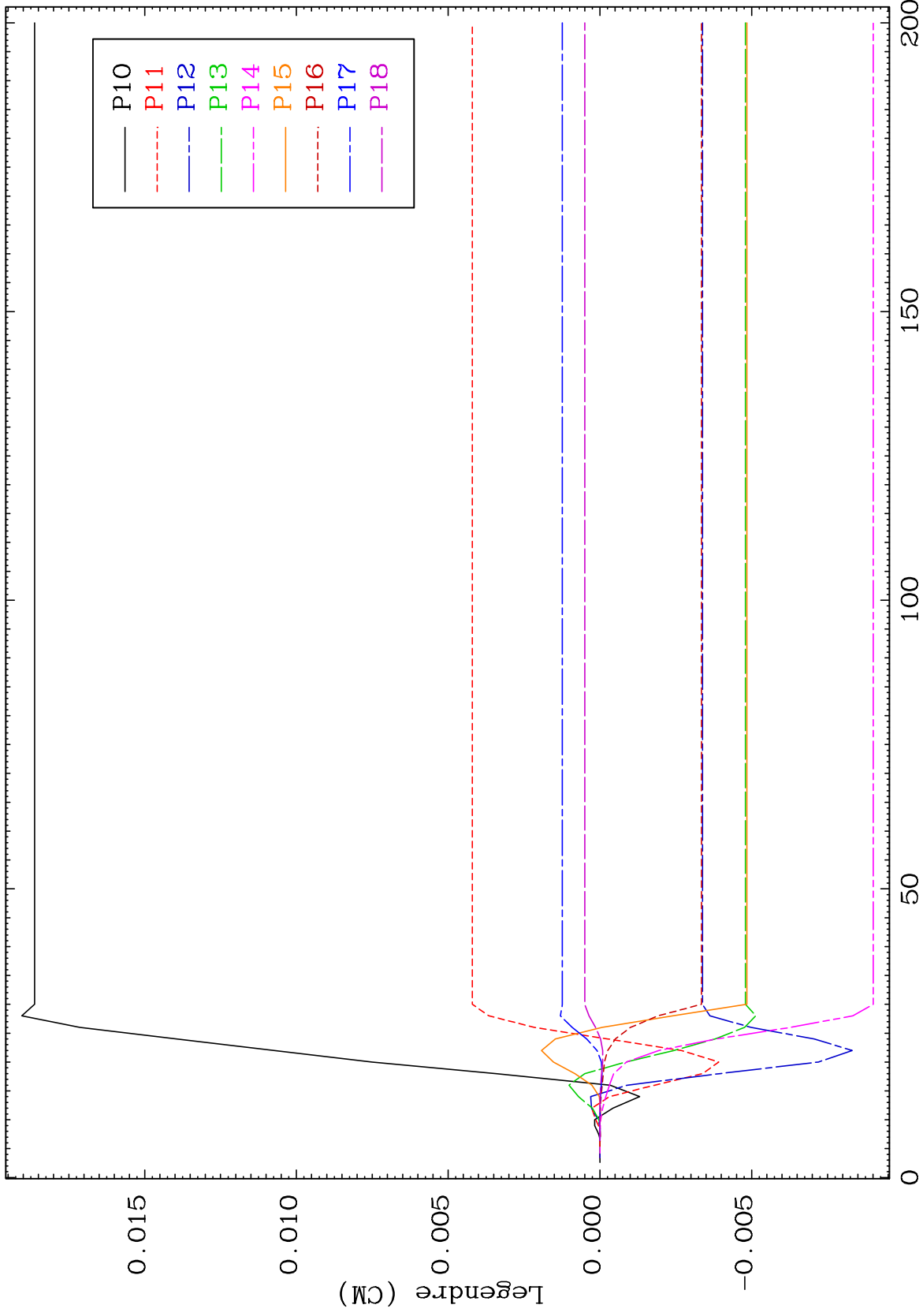
Incident Energy (MeV)

136

MAT 5913

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

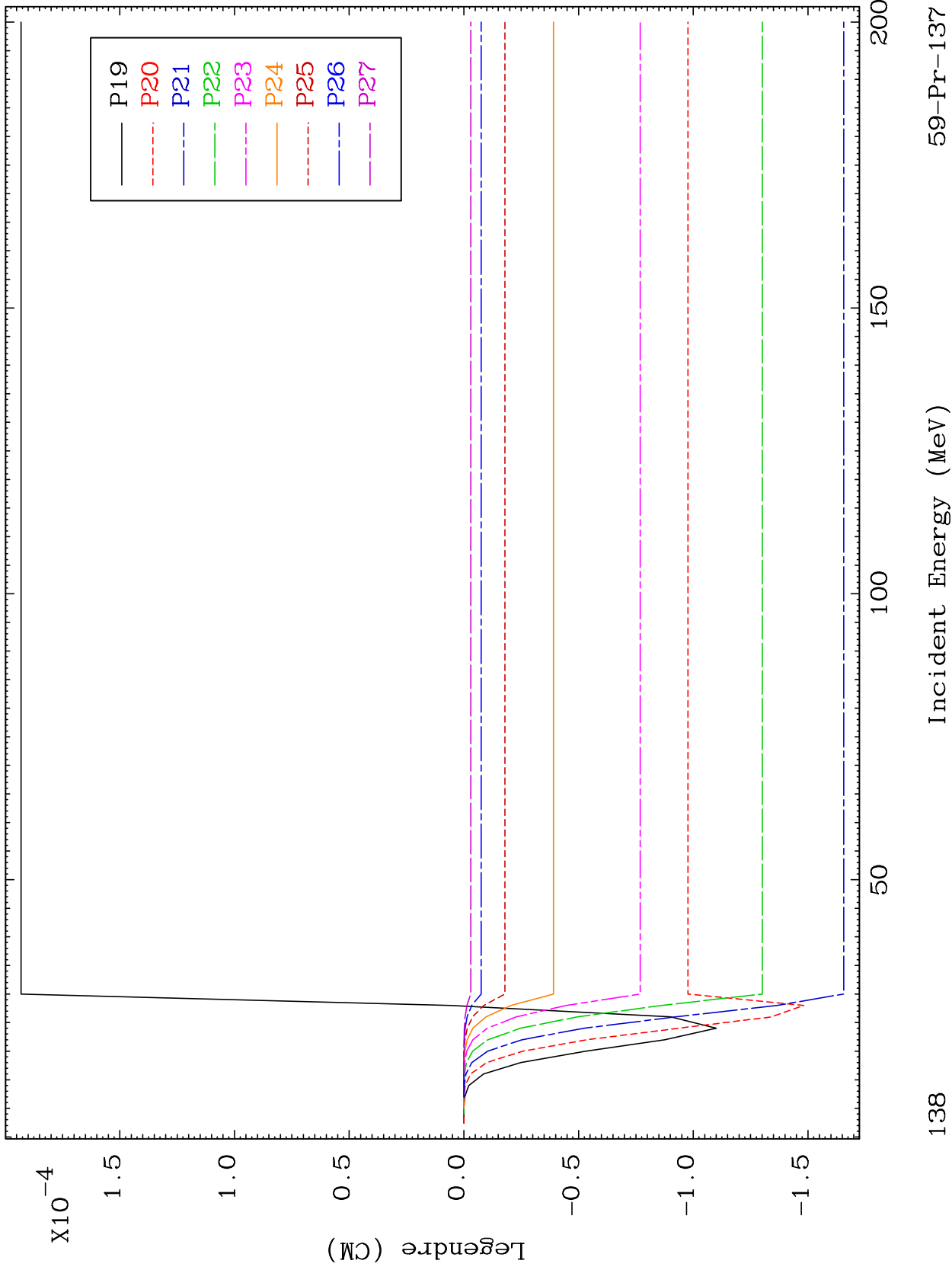
59-Pr-137

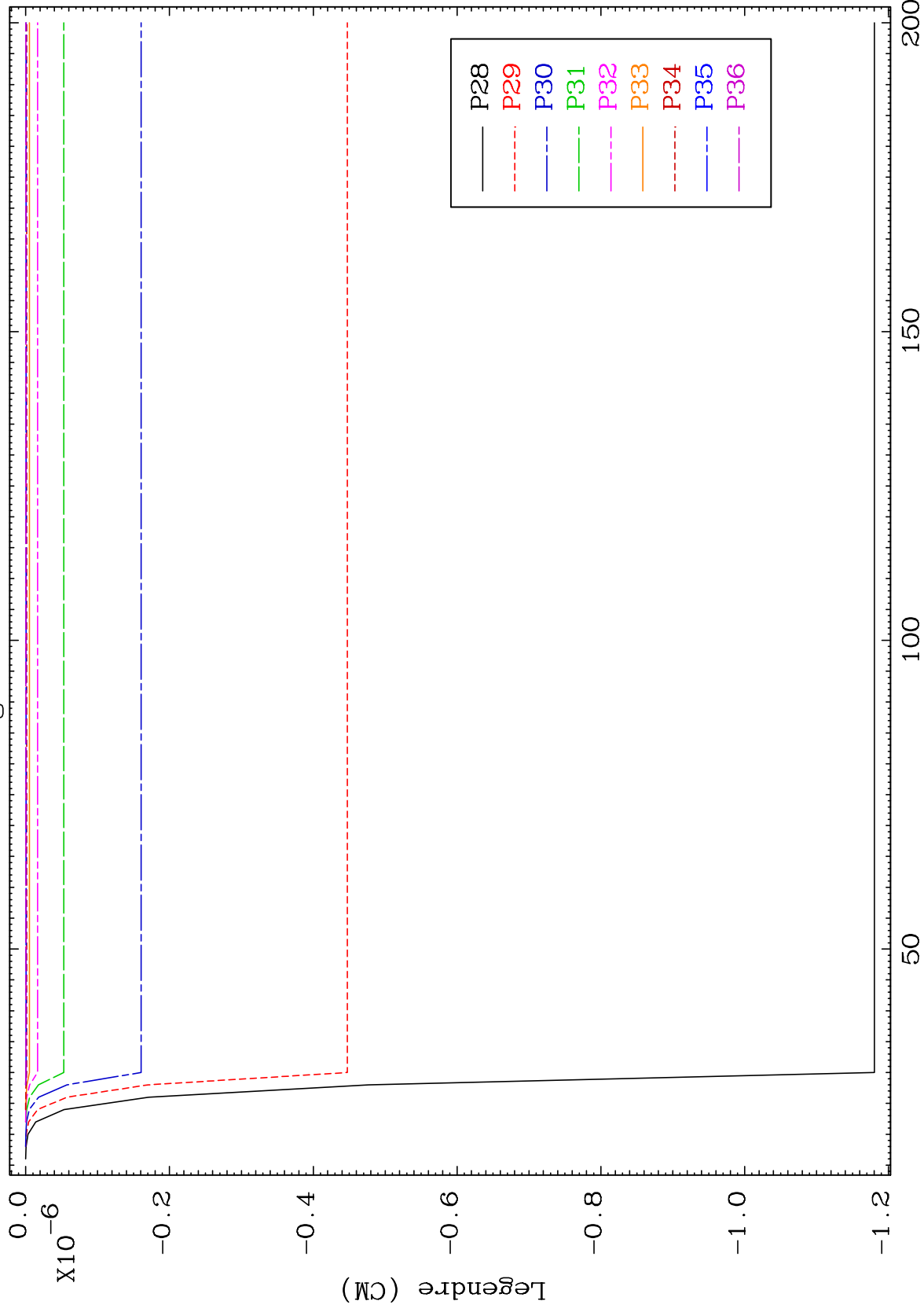


137

Incident Energy (MeV)

59-Pr-137

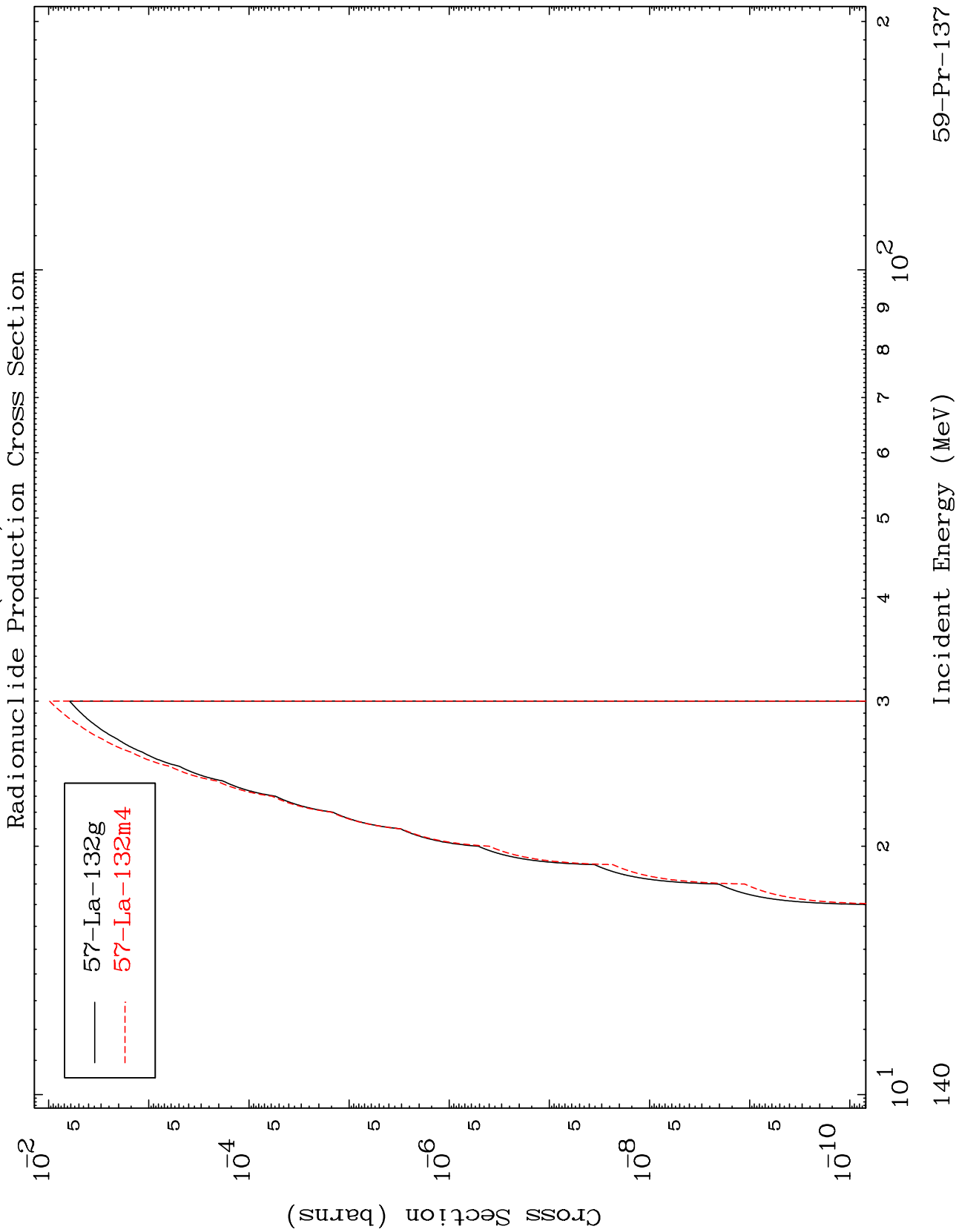




MAT 5913

(n,2n) α

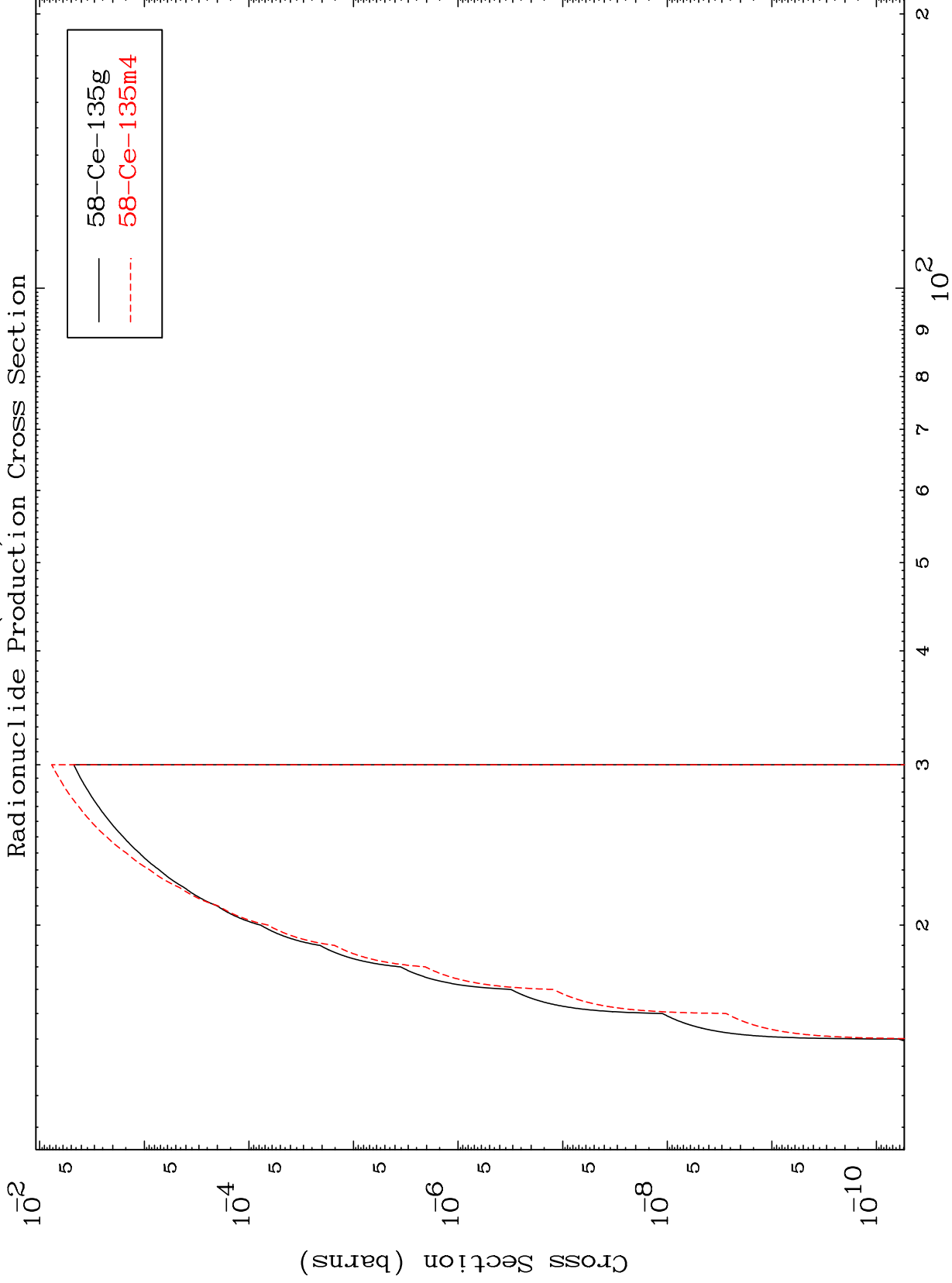
59-Pr-137



MAT 5913

(n,n') d

59-Pr-137



141

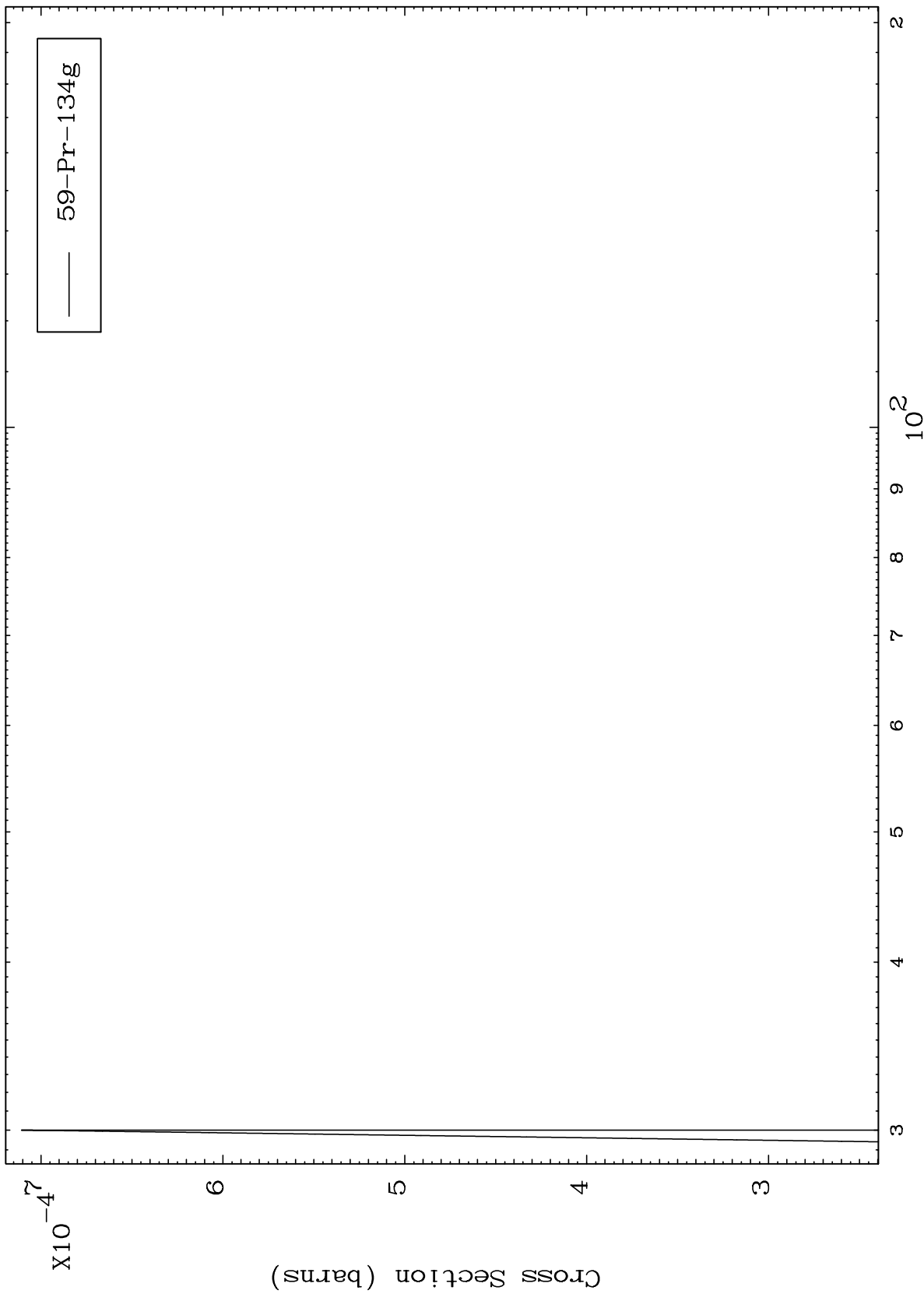
Incident Energy (MeV)

59-Pr-137

MAT 5913

59-Pr-137

(n,4n)
Radionuclide Production Cross Section



59-Pr-137

Incident Energy (MeV)

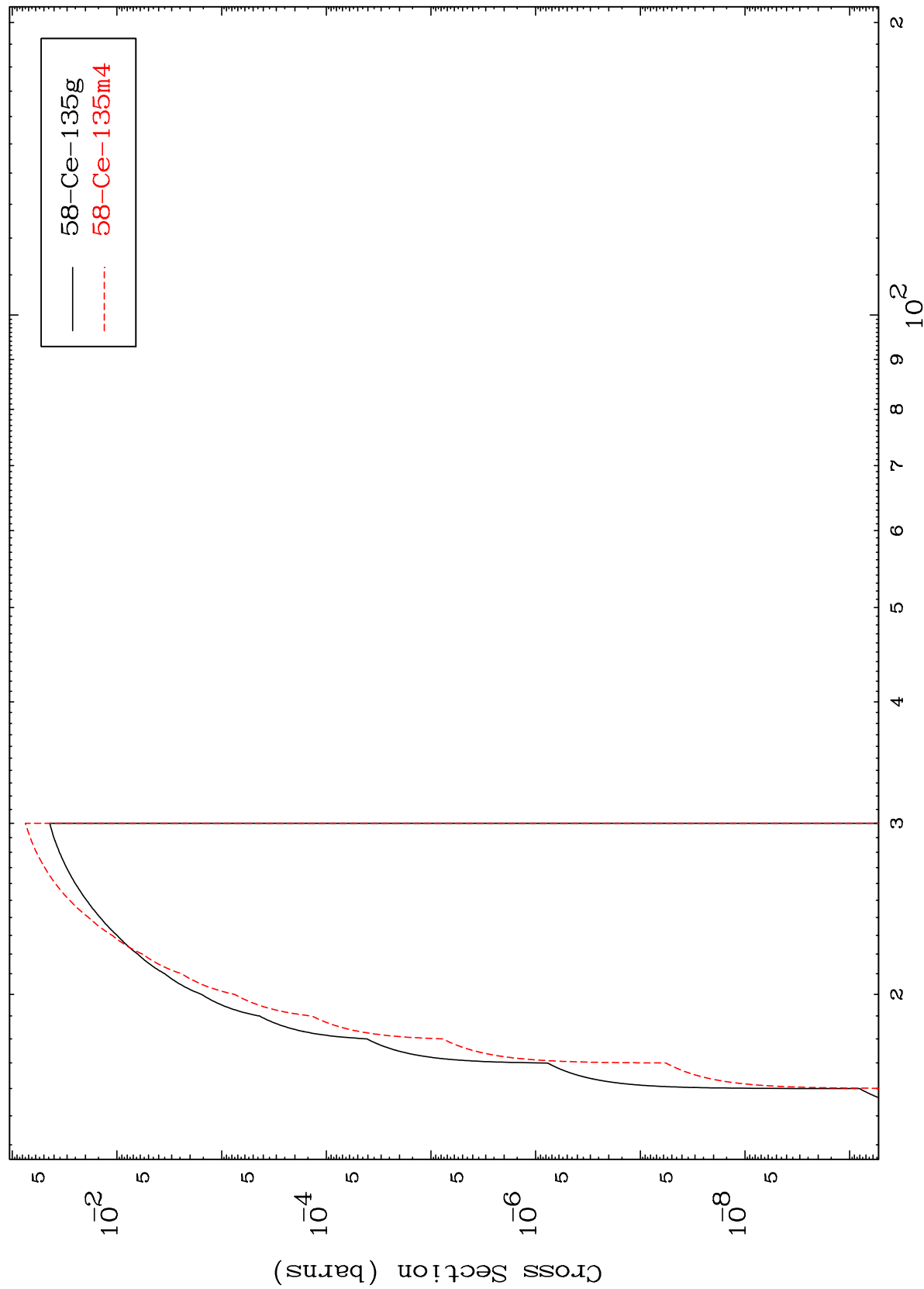
142

MAT 5913

(n,2n) p

59-Pr-137

Radionuclide Production Cross Section



143

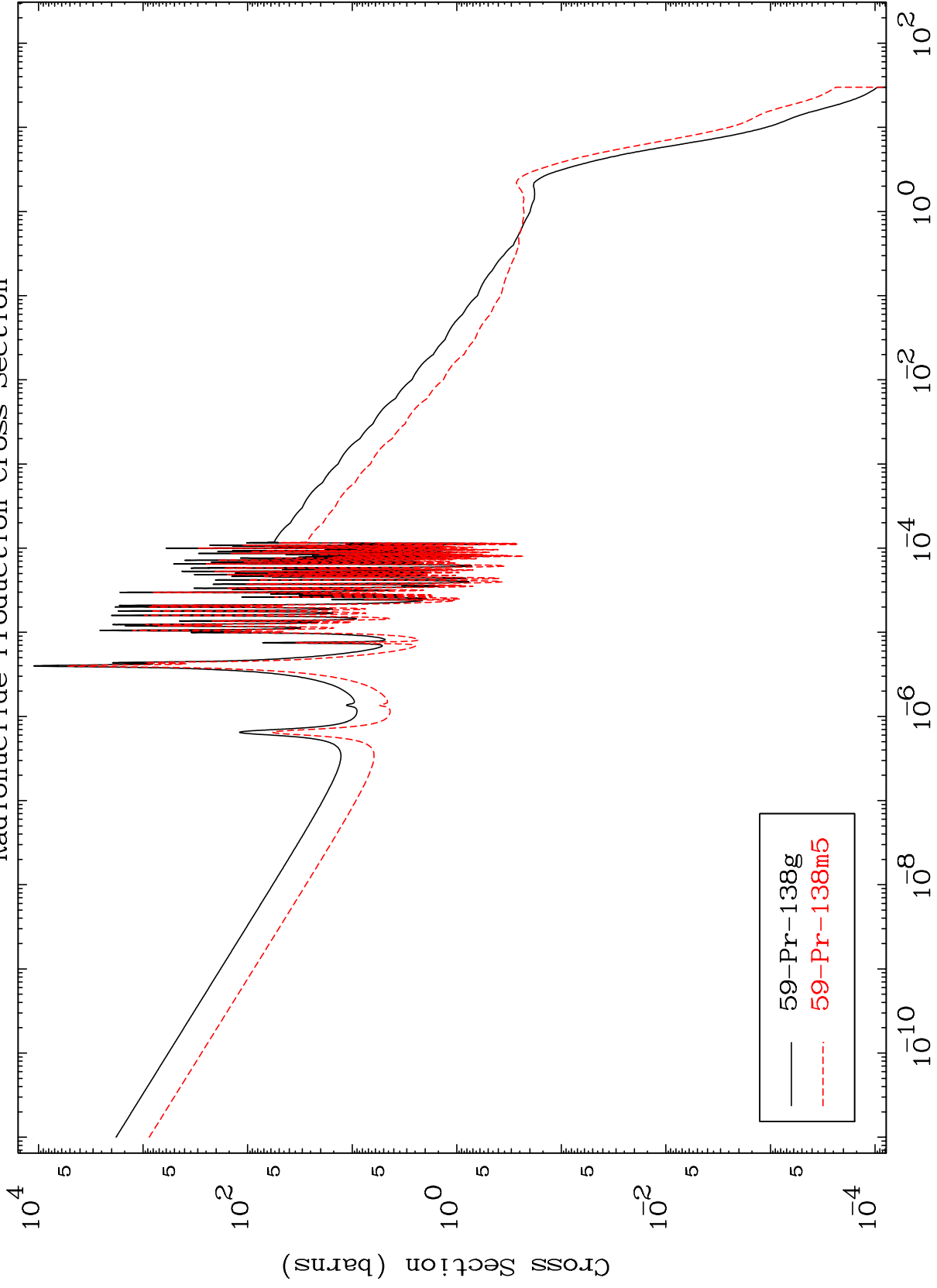
Incident Energy (MeV)

59-Pr-137

MAT 5913

59-Pr-137

(n, γ)
Radionuclide Production Cross Section



59-Pr-137

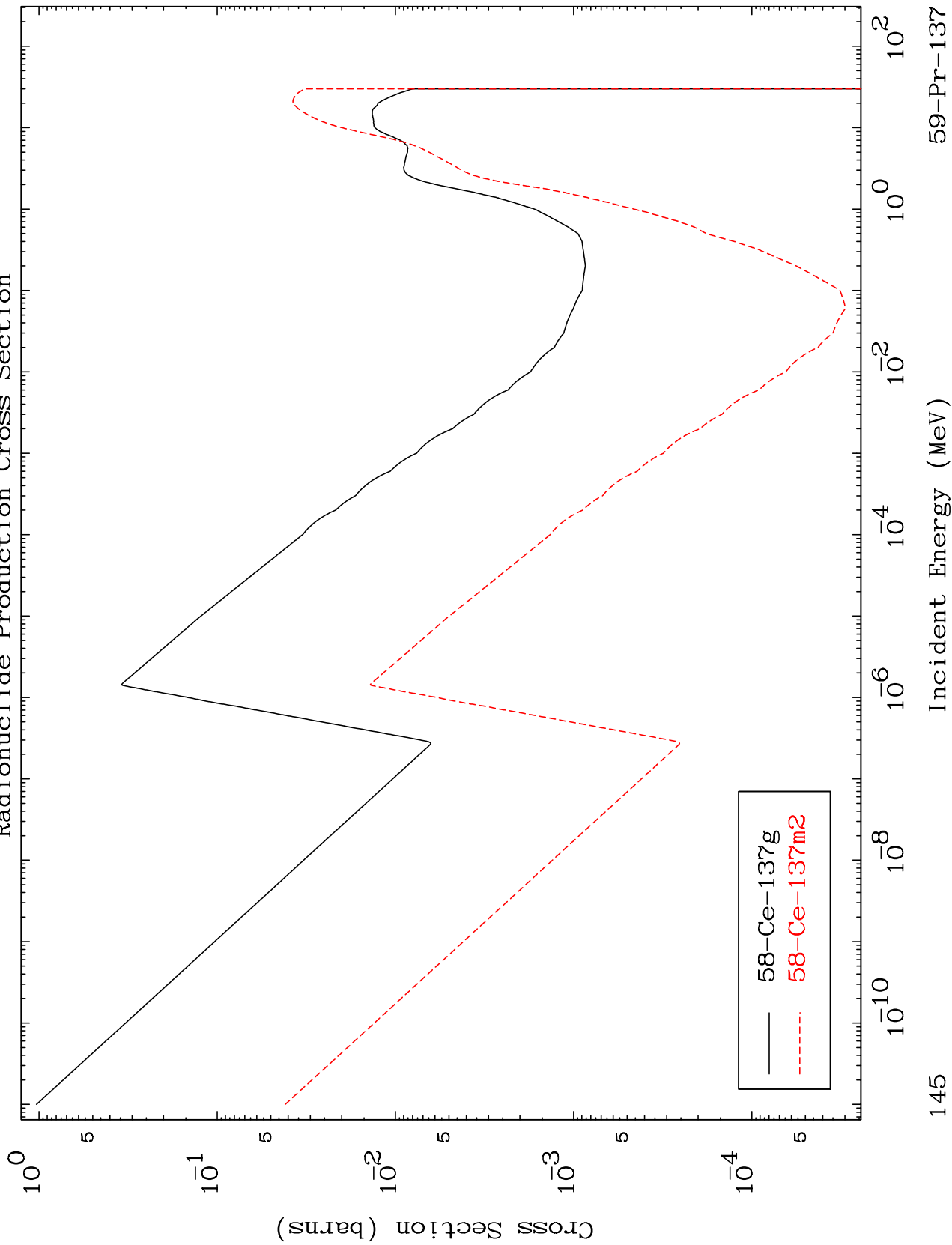
Incident Energy (MeV)

144

MAT 5913

59-Pr-137

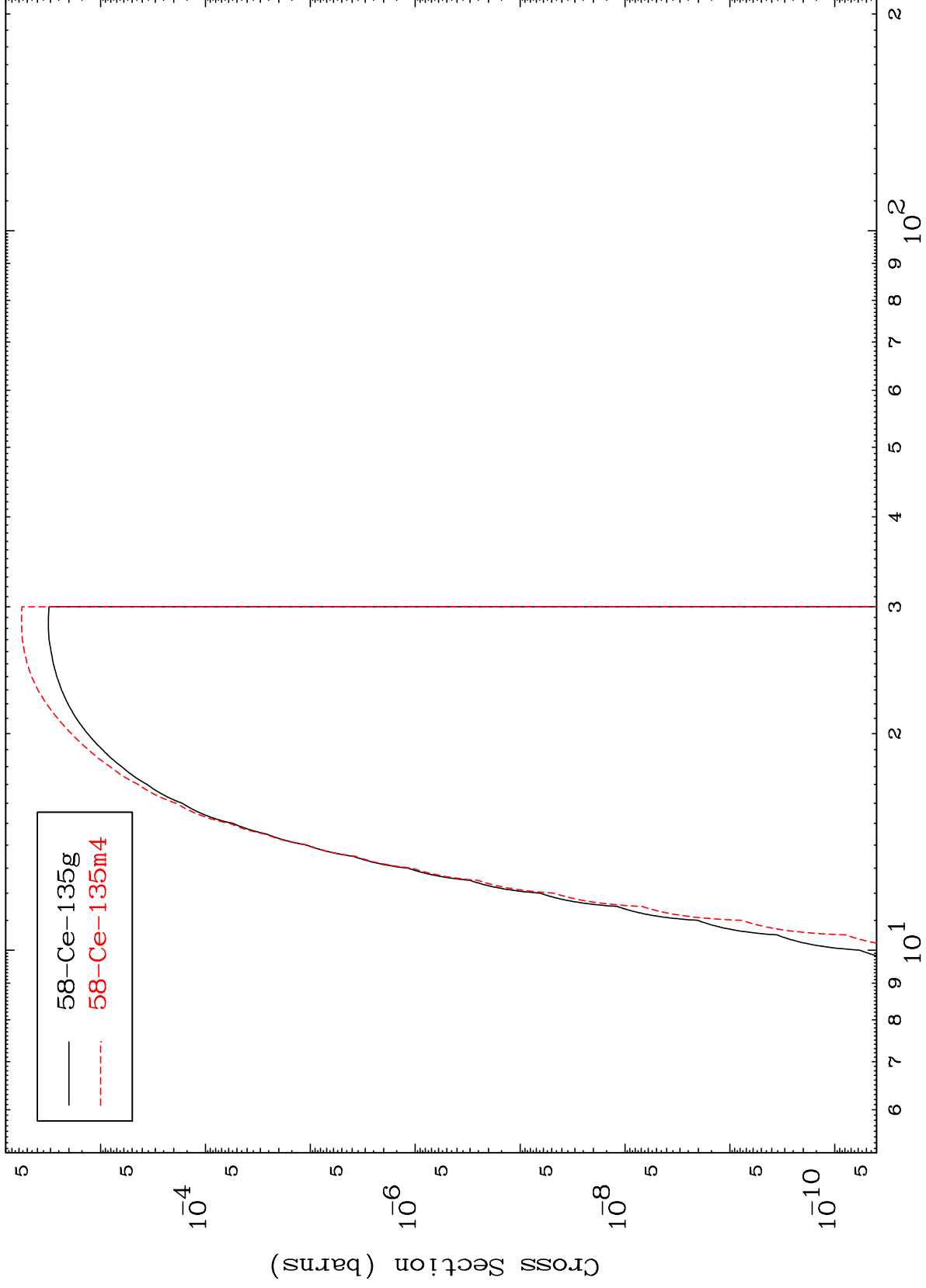
Radionuclide Production Cross Section



MAT 5913

59-Pr-137

(n, t)
Radionuclide Production Cross Section



146

Incident Energy (MeV)

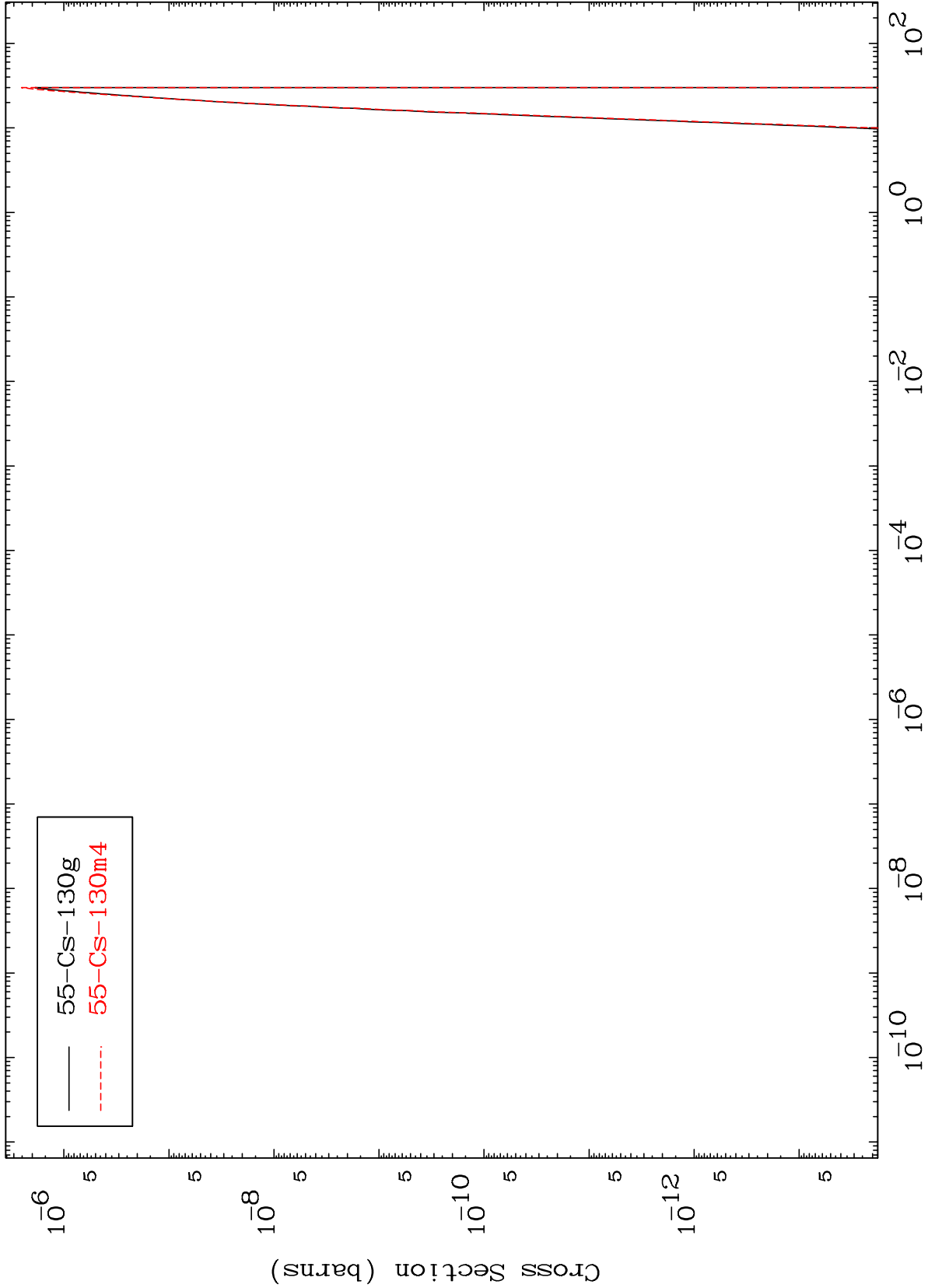
59-Pr-137

MAT 5913

(n,2α)

59-Pr-137

Radionuclide Production Cross Section

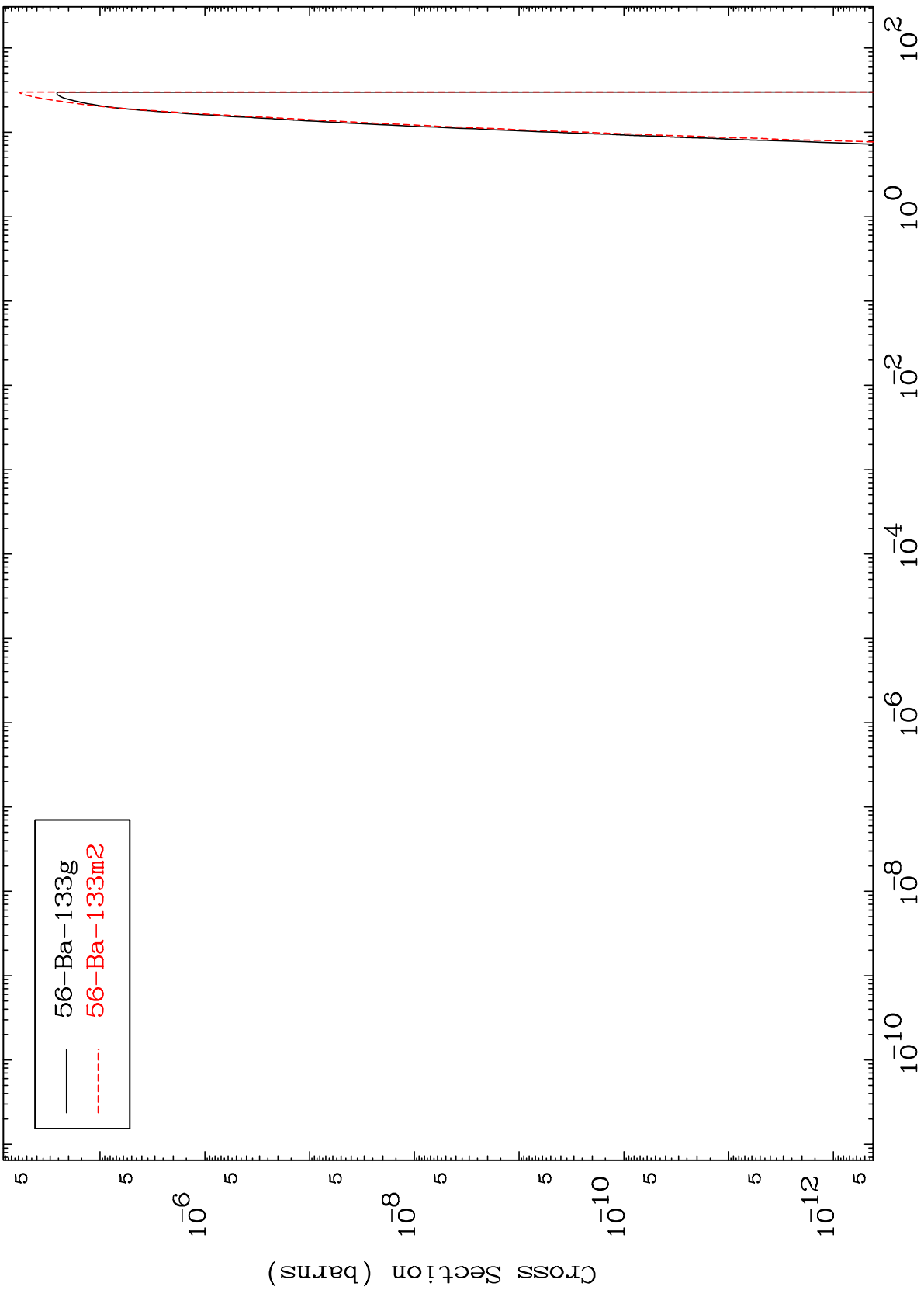


MAT 5913

(n,p) α

59-Pr-137

Radionuclide Production Cross Section



56-Ba-133g
56-Ba-133m2