

Program EVALPLOT
(Version 2018-1)

by

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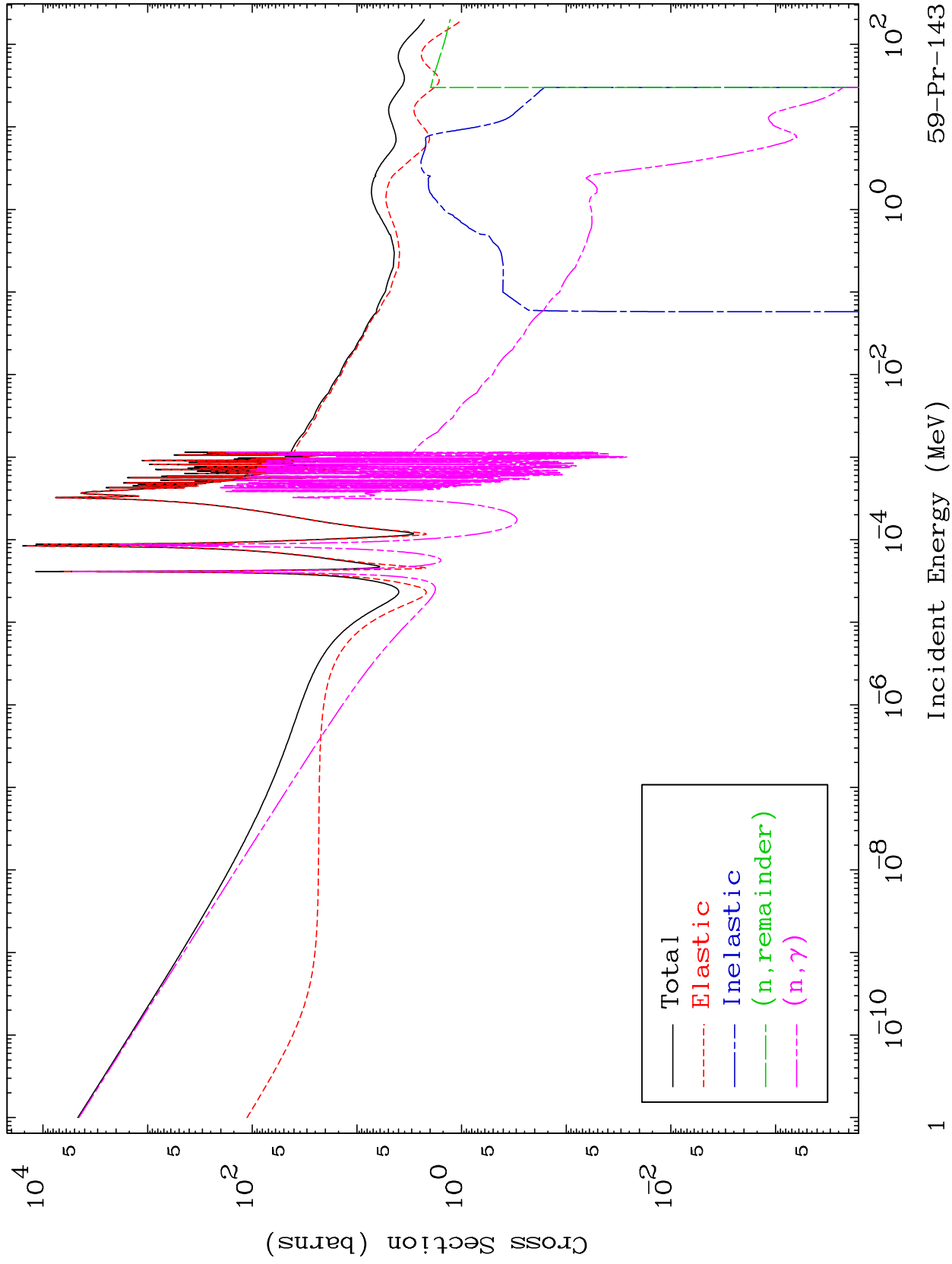
Press Mouse Button to Start

MAT 5931

Major

293 Kelvin Cross Sections

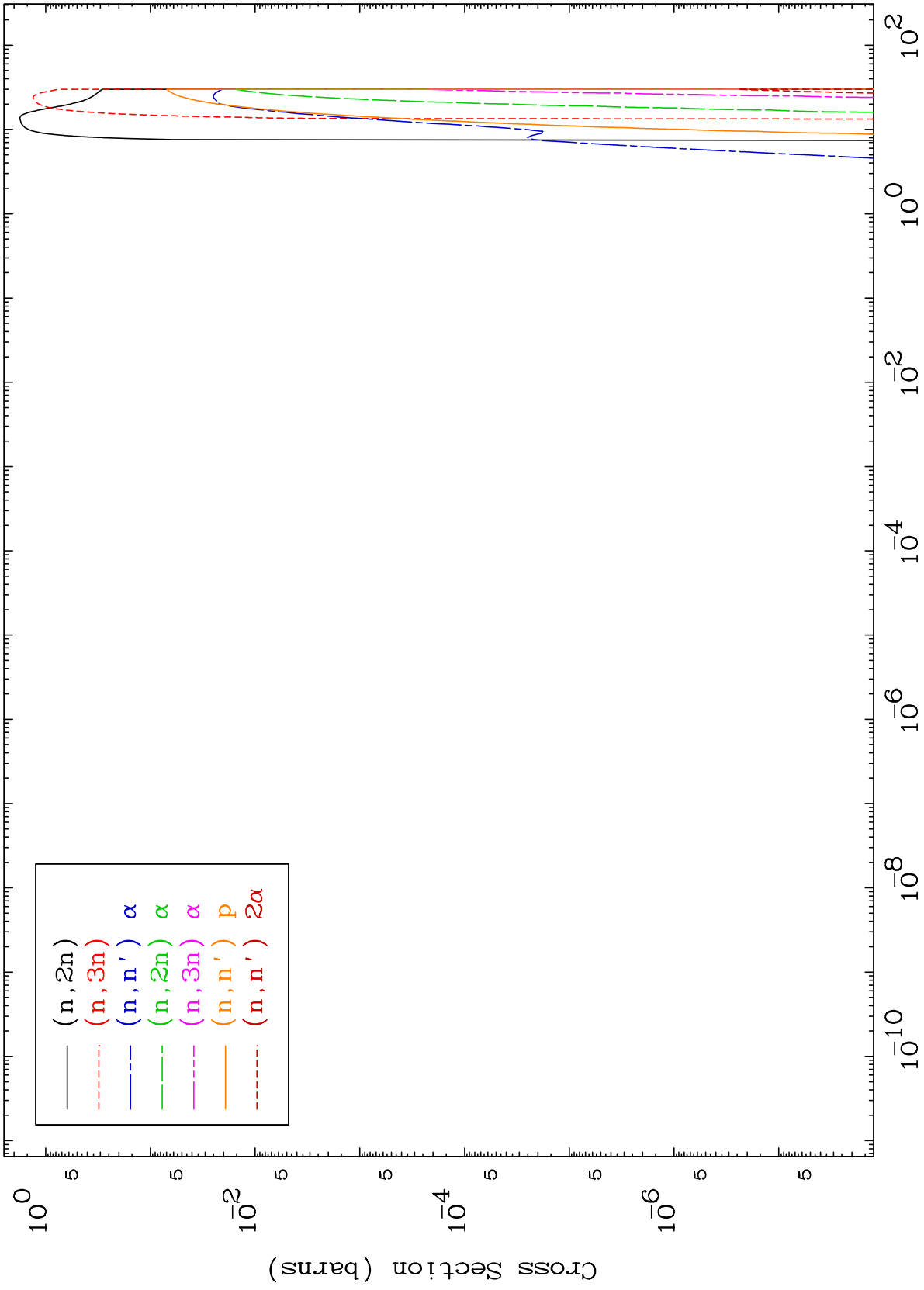
59-Pr-143



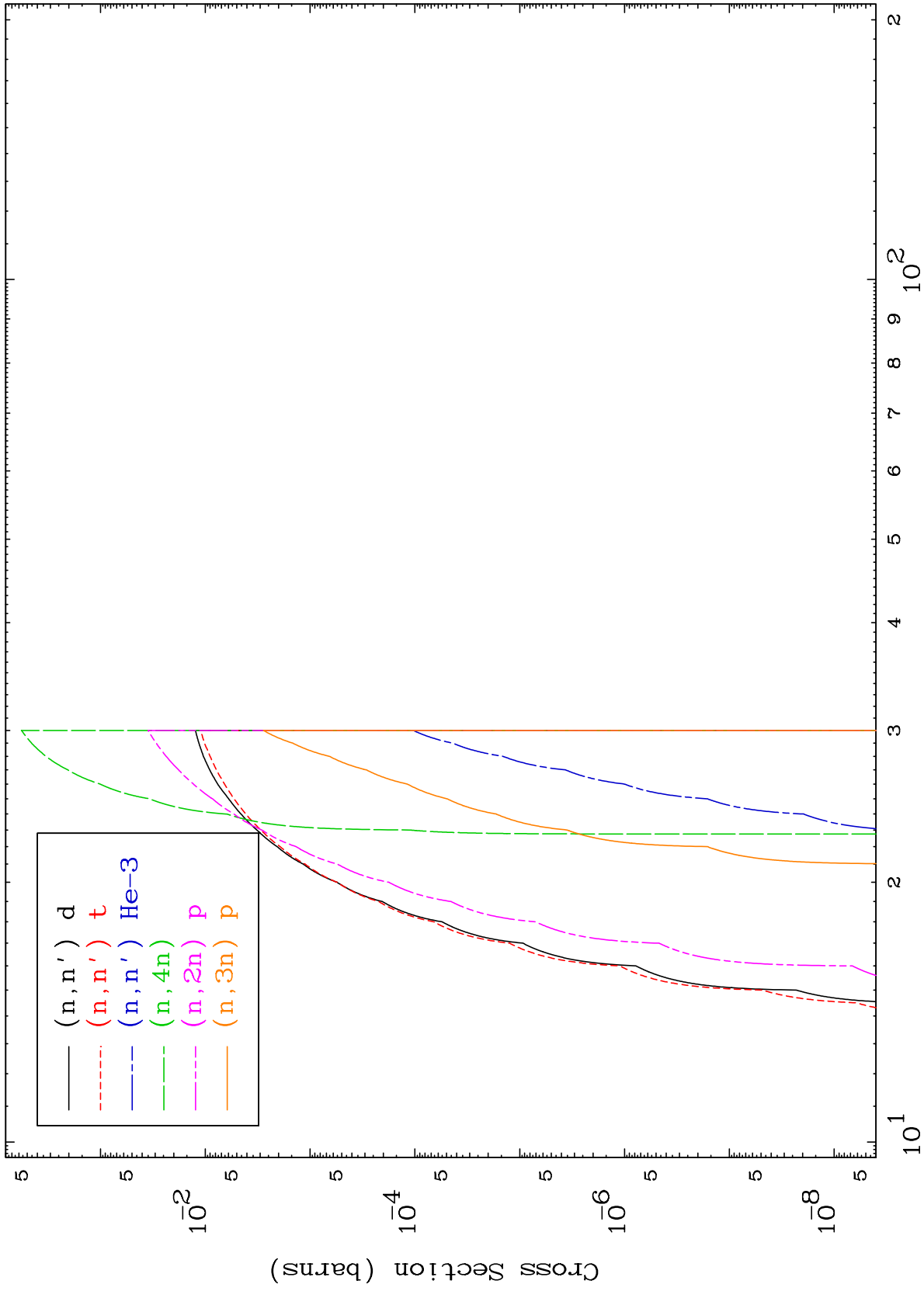
MAT 5931

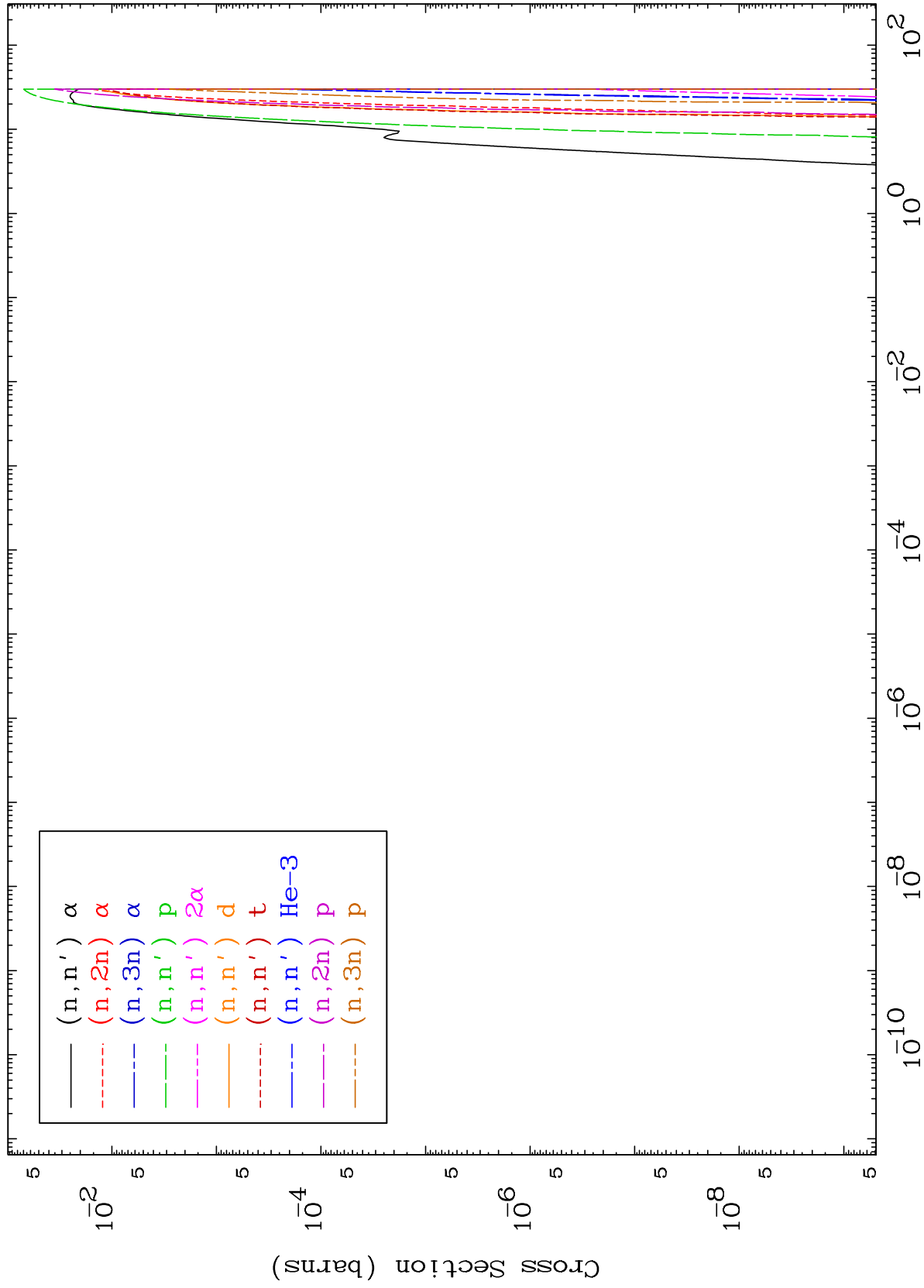
Neutron Production
293 Kelvin Cross Sections

59-Pr-143



59-Pr-143

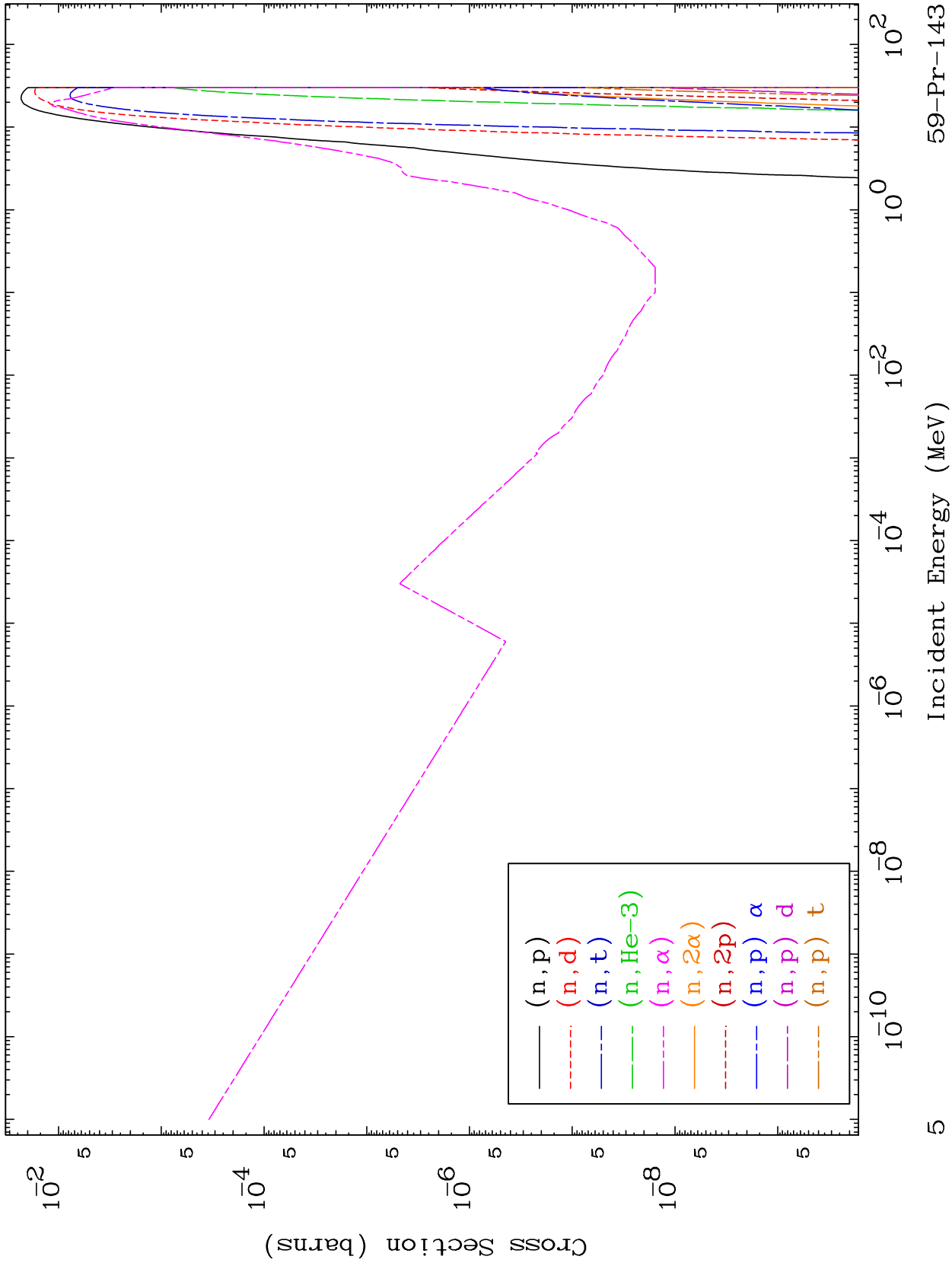


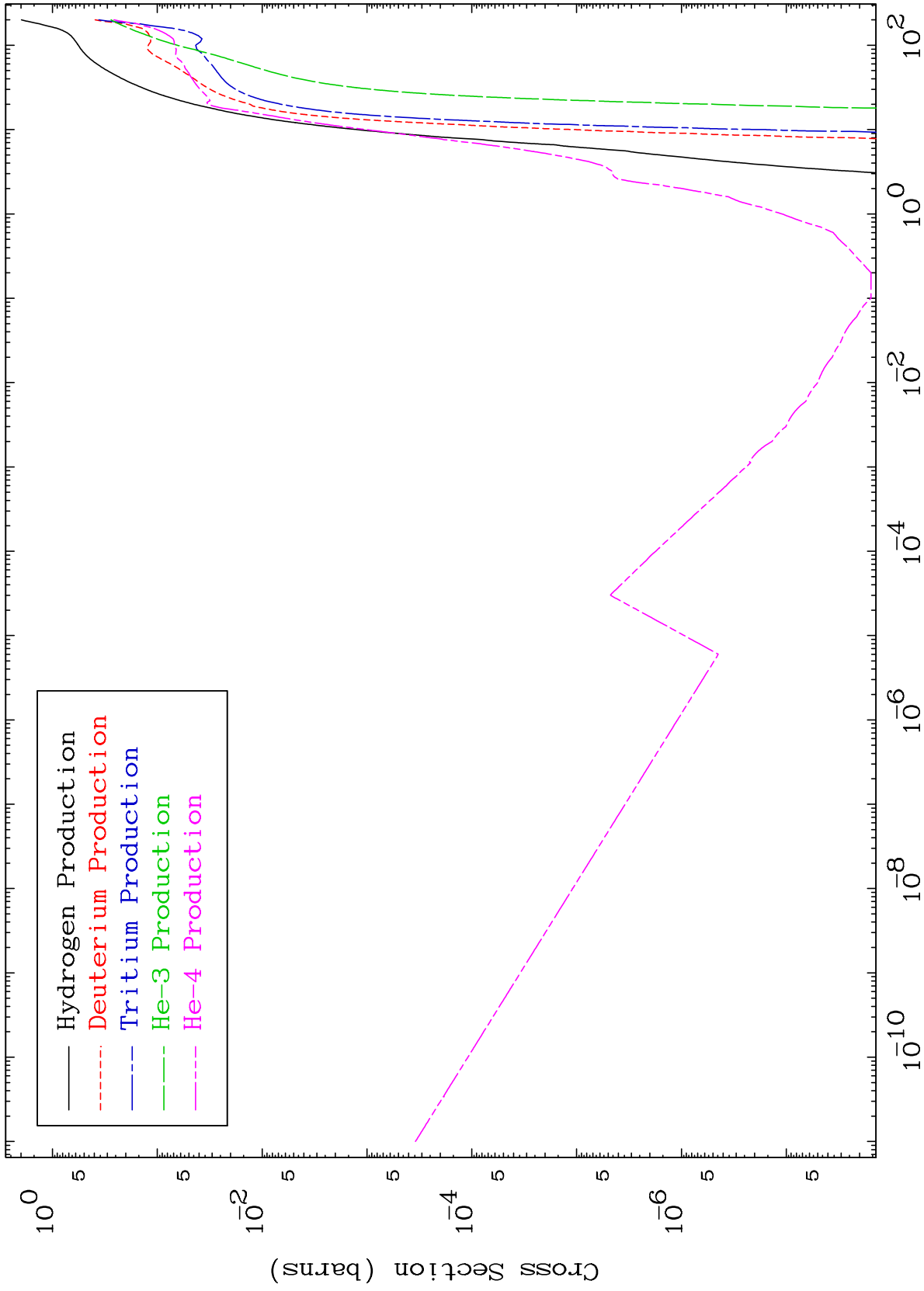


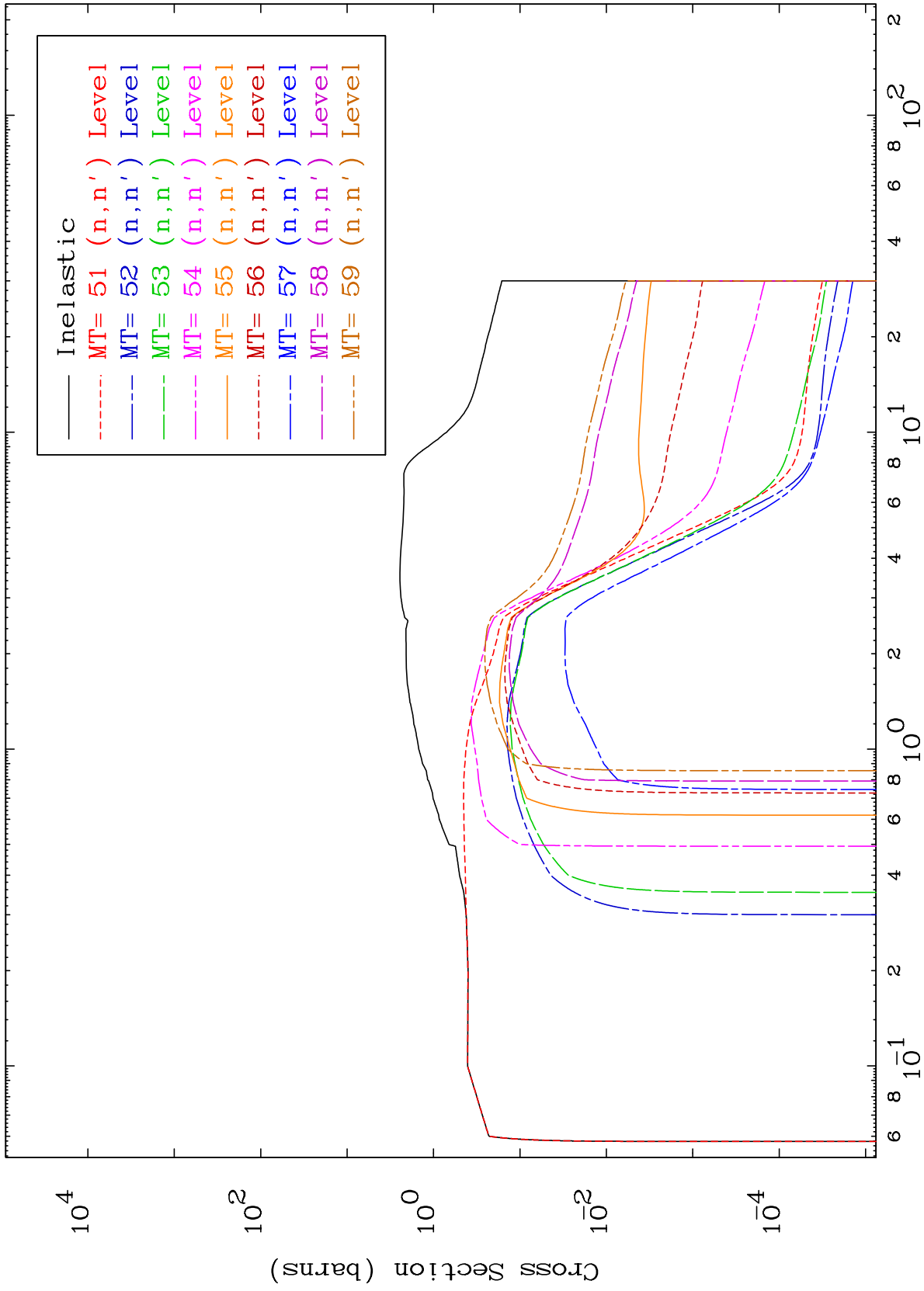
MAT 5931

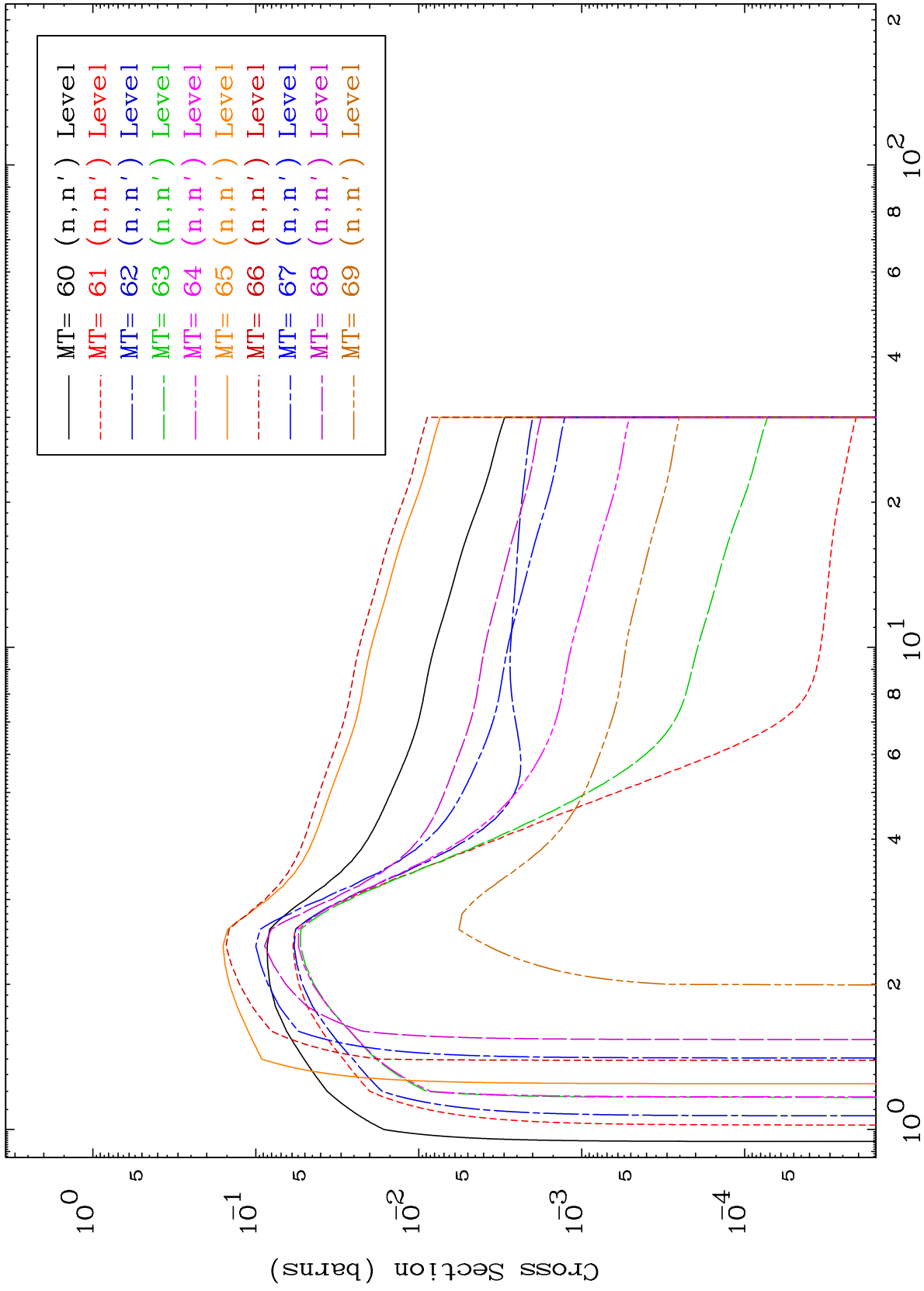
Charged Particle
293 Kelvin Cross Sections

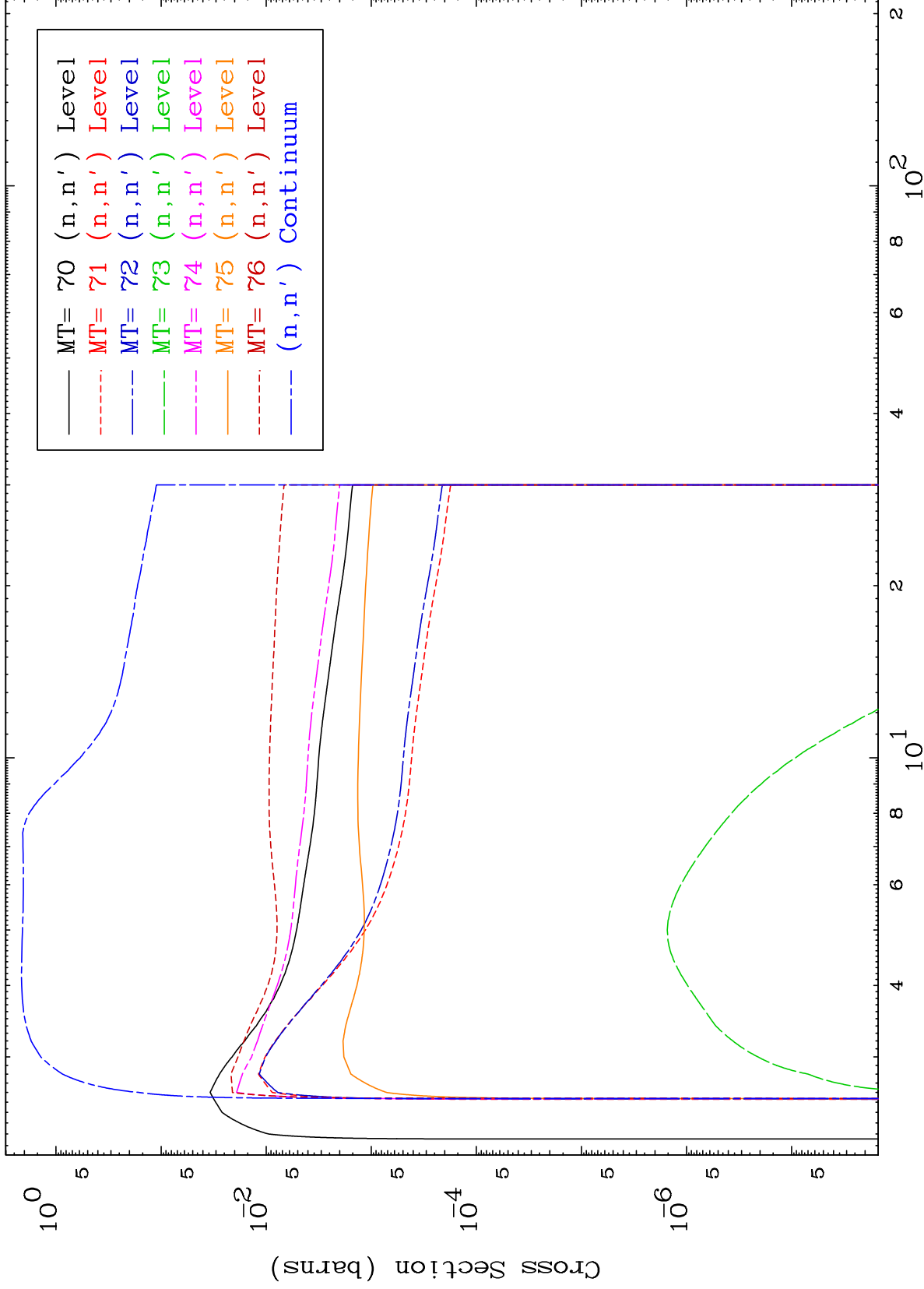
59-Pr-143







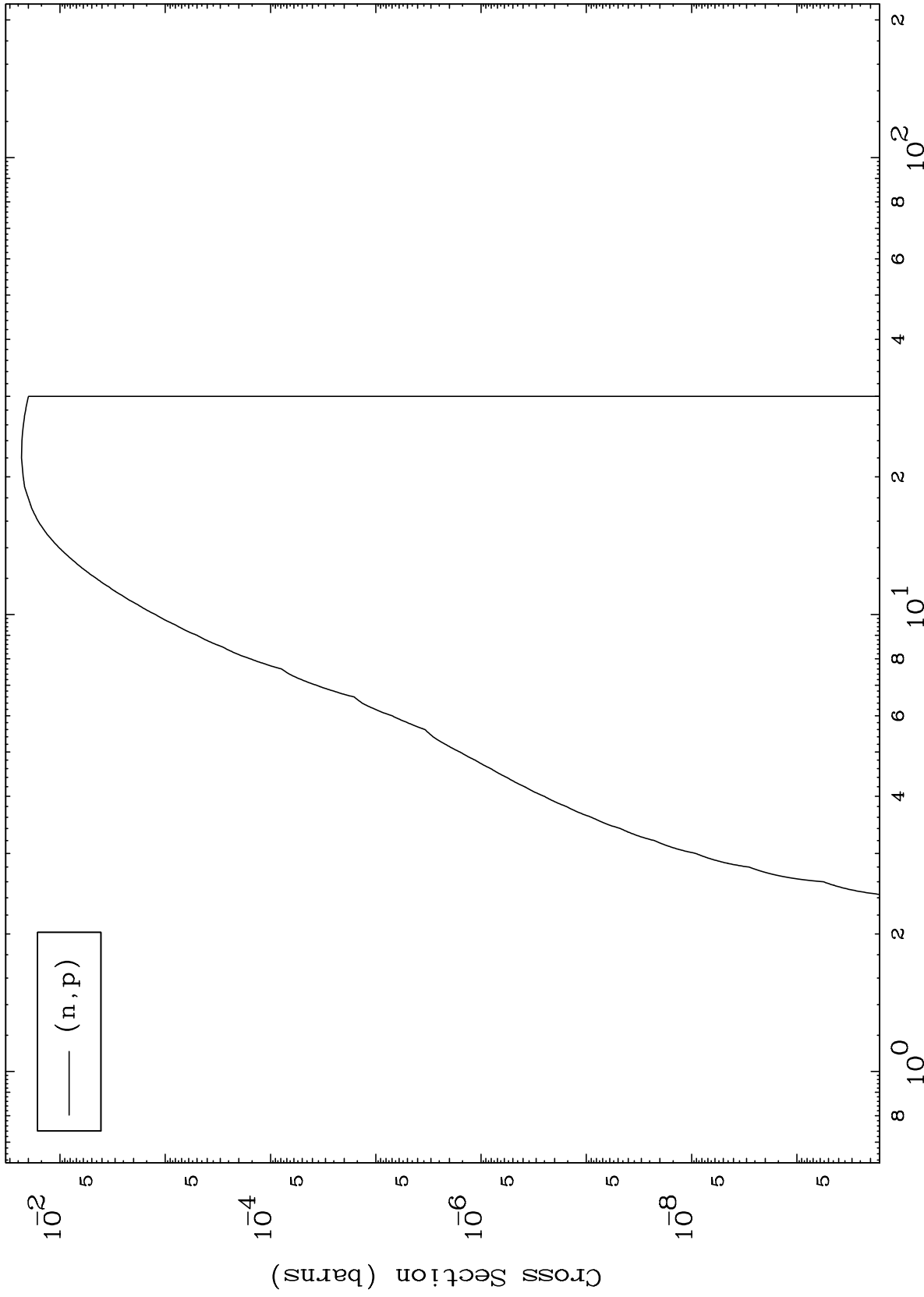




MAT 5931

(n,p) Levels
293 Kelvin Cross Sections

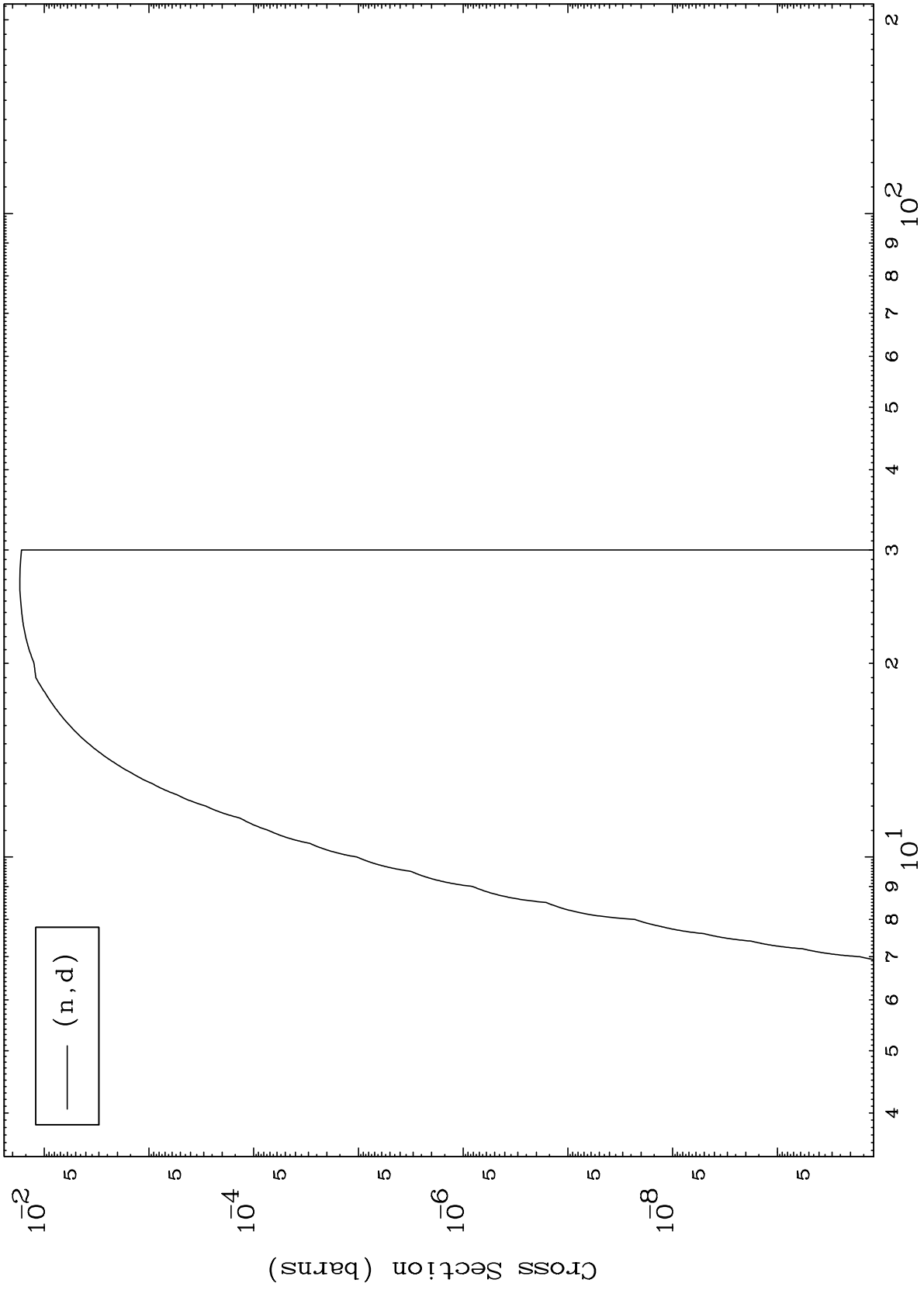
59-Pr-143



10

Incident Energy (MeV)

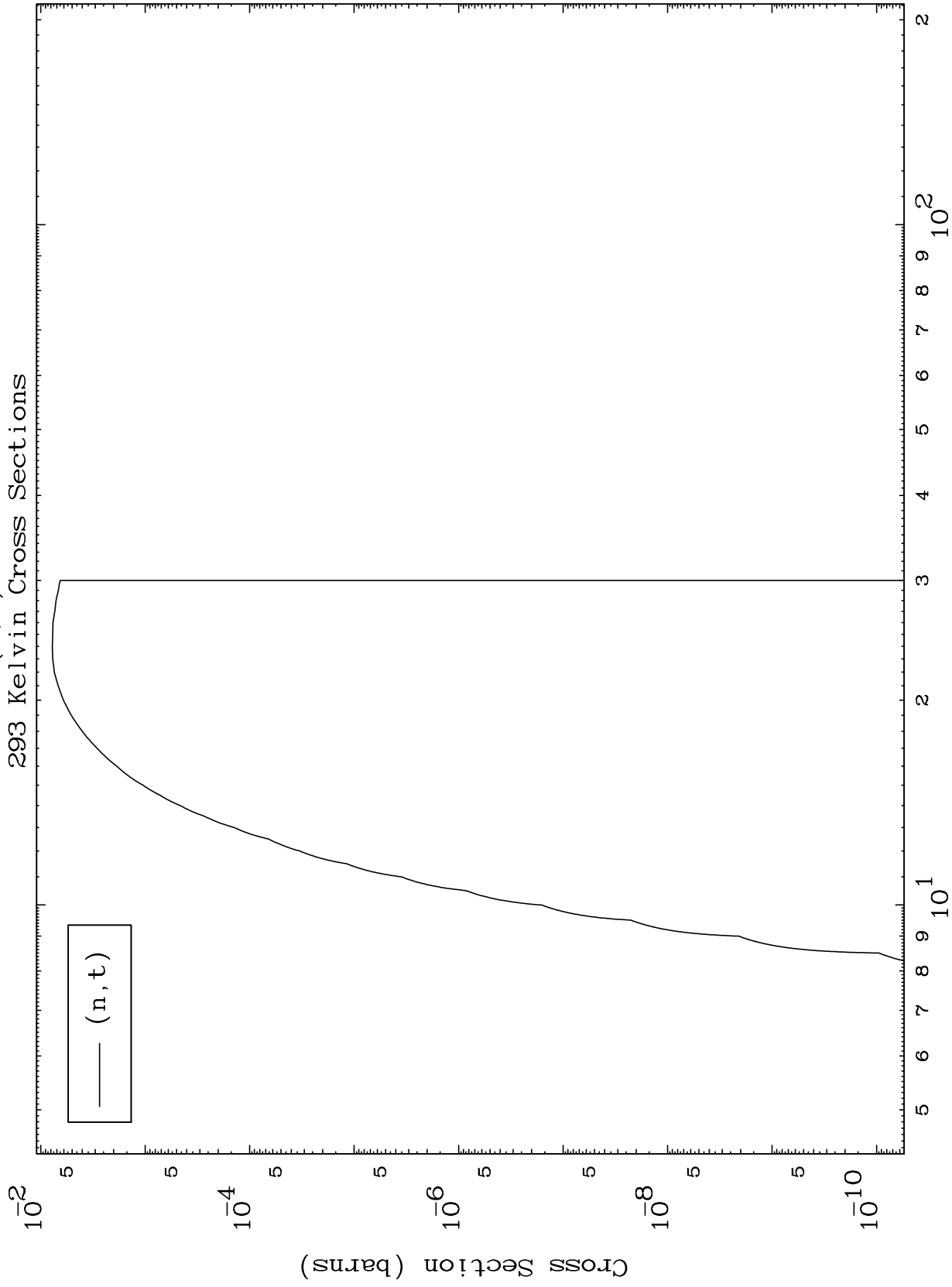
59-Pr-143



MAT 5931

(n,t) Levels
293 Kelvin Cross Sections

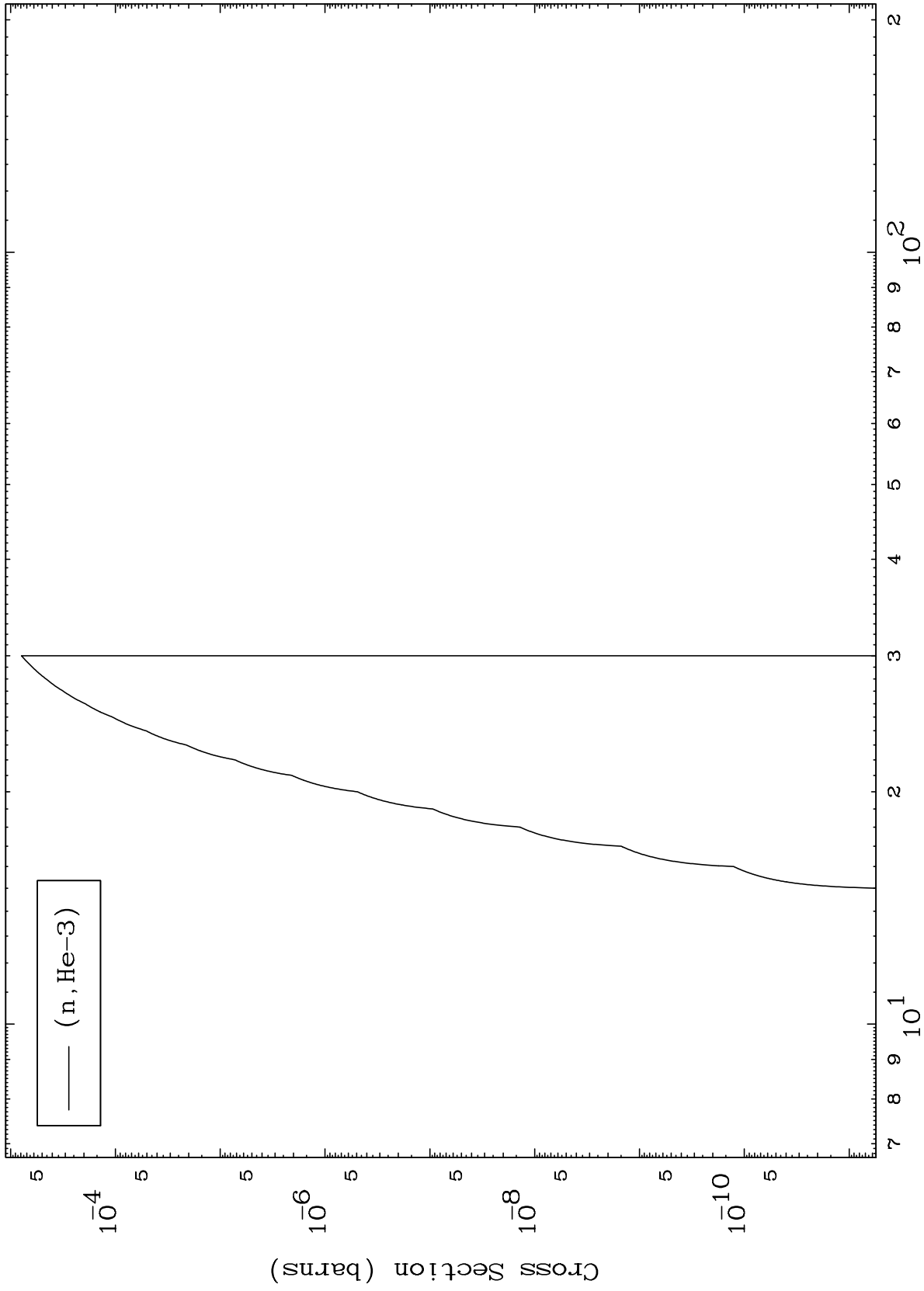
59-Pr-143



12

Incident Energy (MeV)

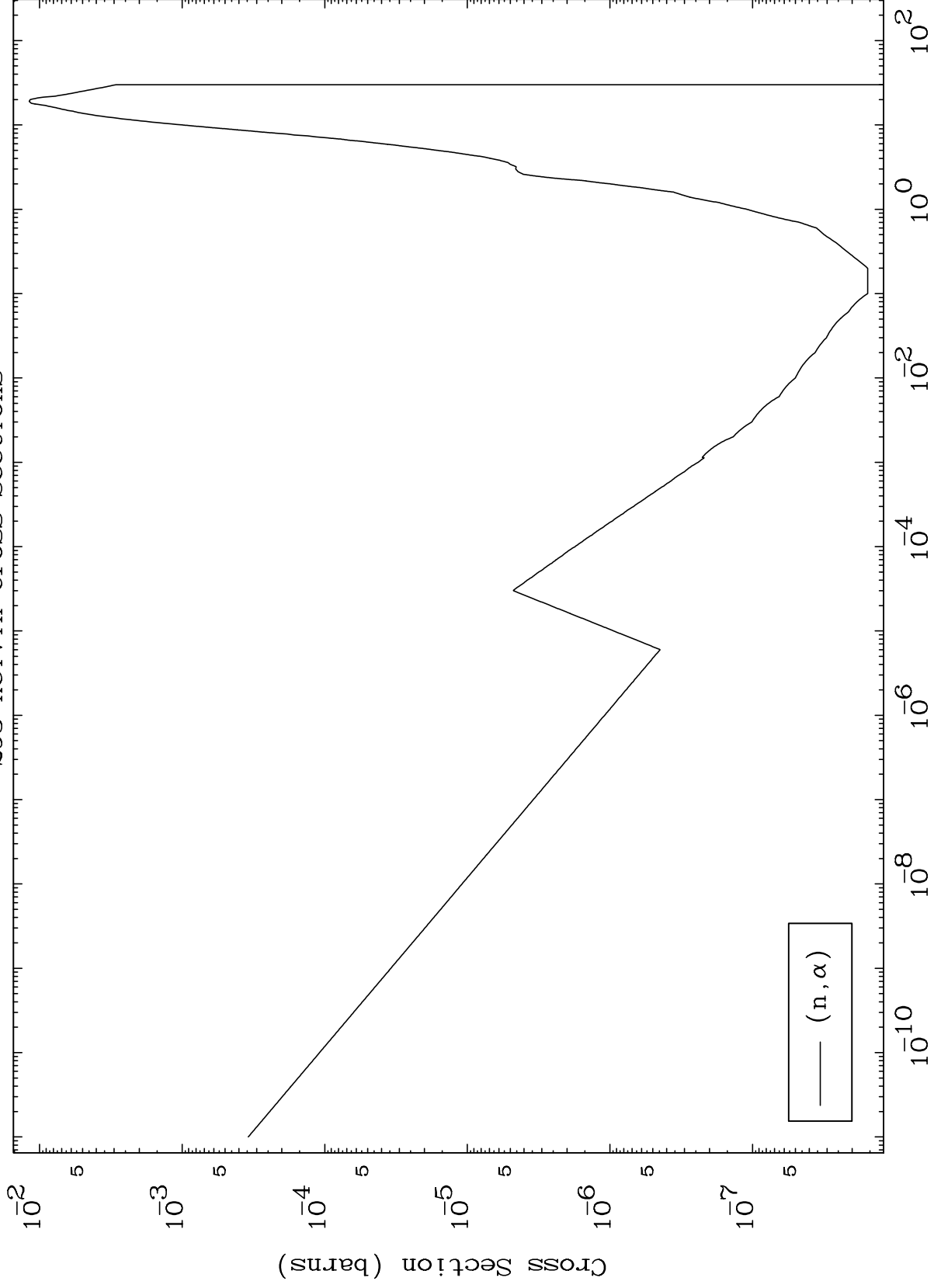
59-Pr-143



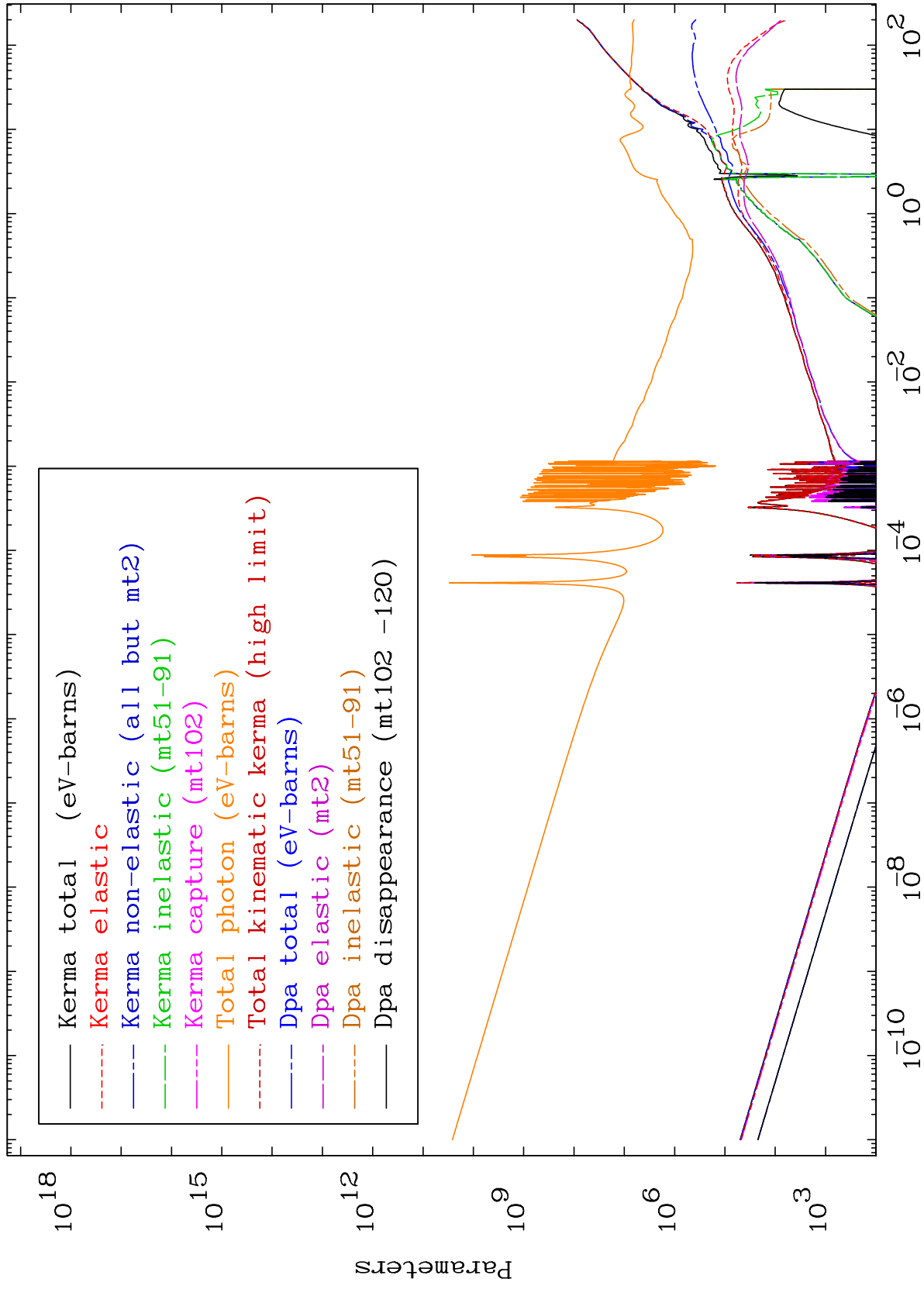
MAT 5931

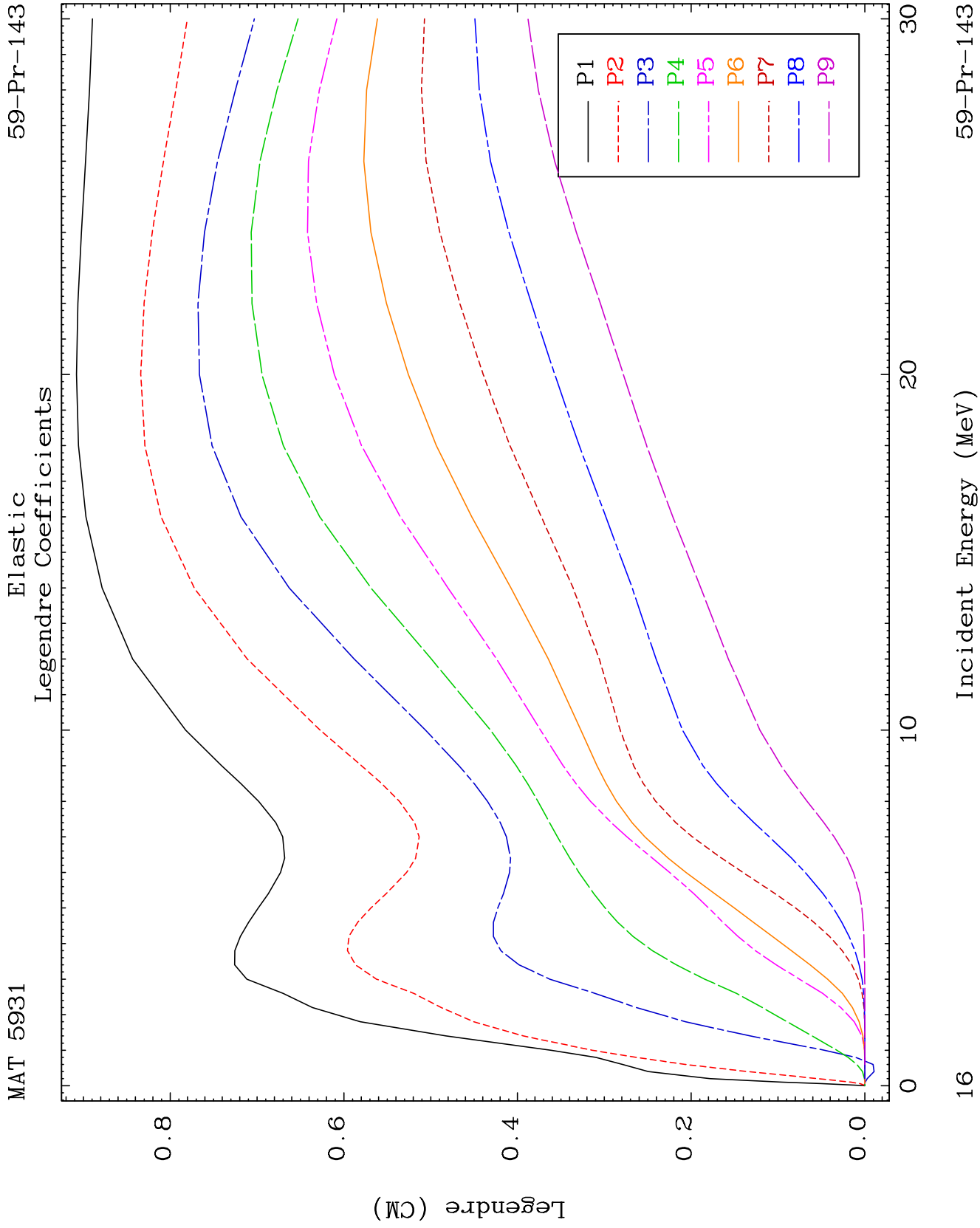
(n, α) Levels
293 Kelvin Cross Sections

59-Pr-143



— (n, α)

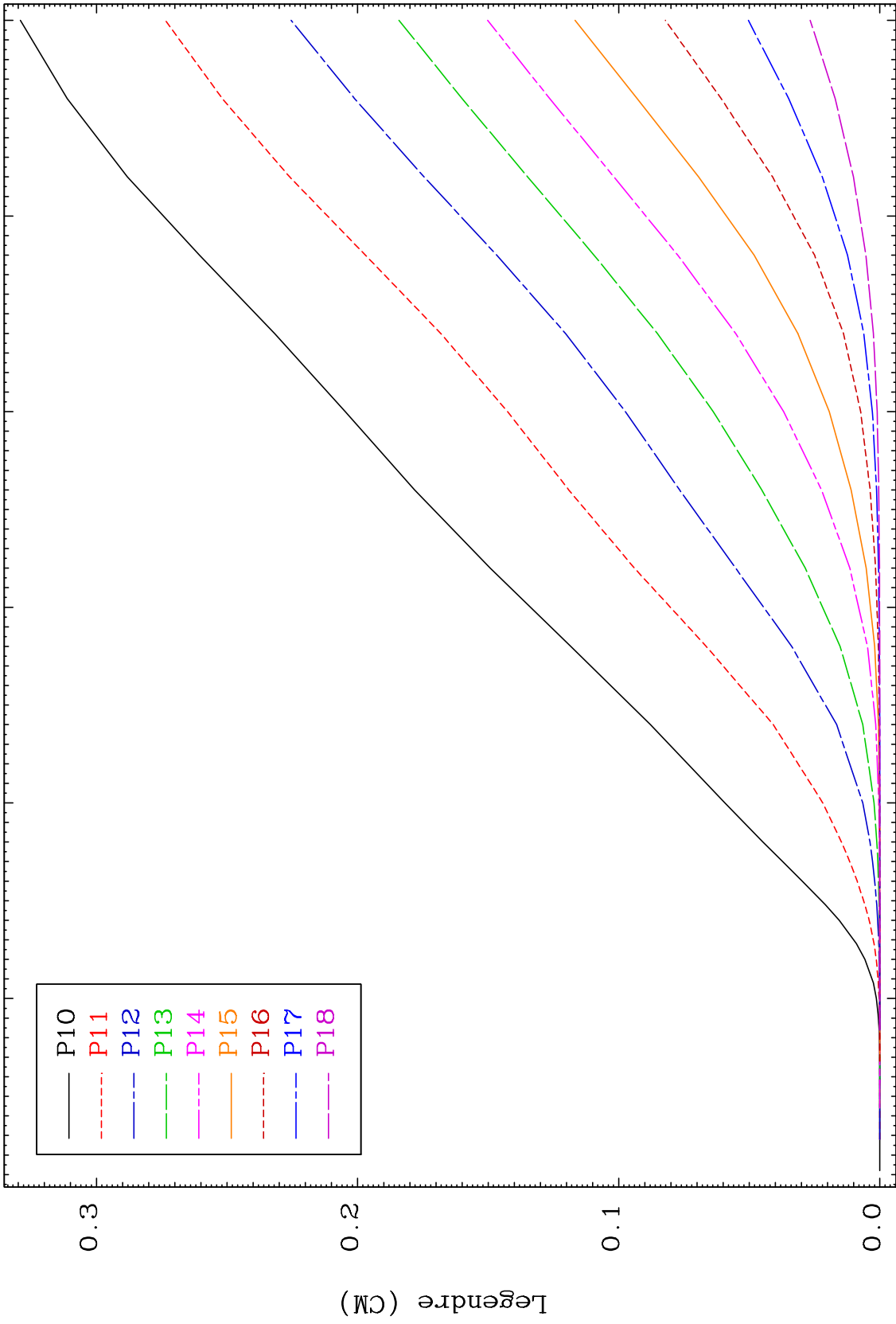




MAT 5931

Elastic Legendre Coefficients

59-Pr-143



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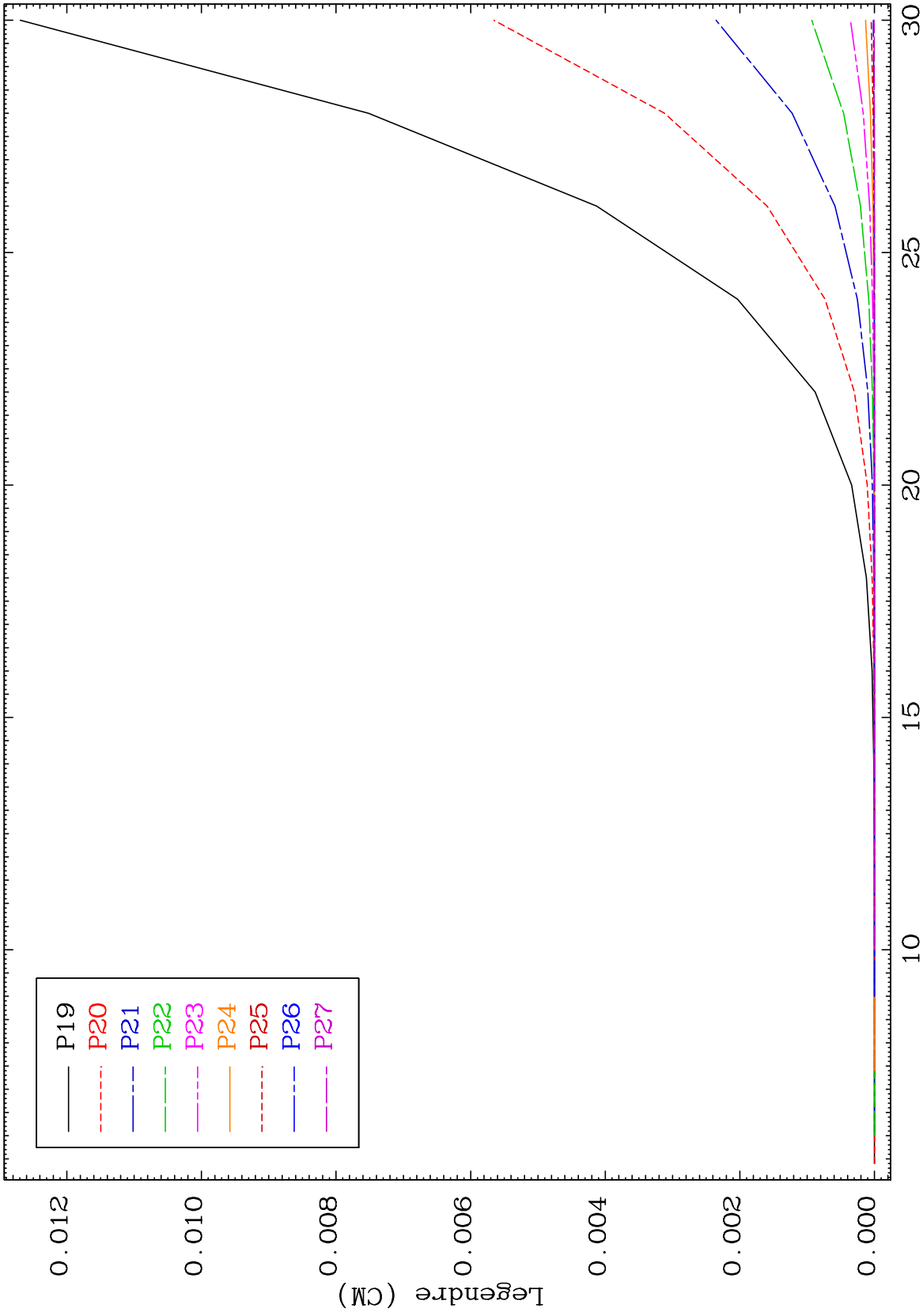
Incident Energy (MeV)

59-Pr-143

MAT 5931

Elastic Legendre Coefficients

59-Pr-143



18

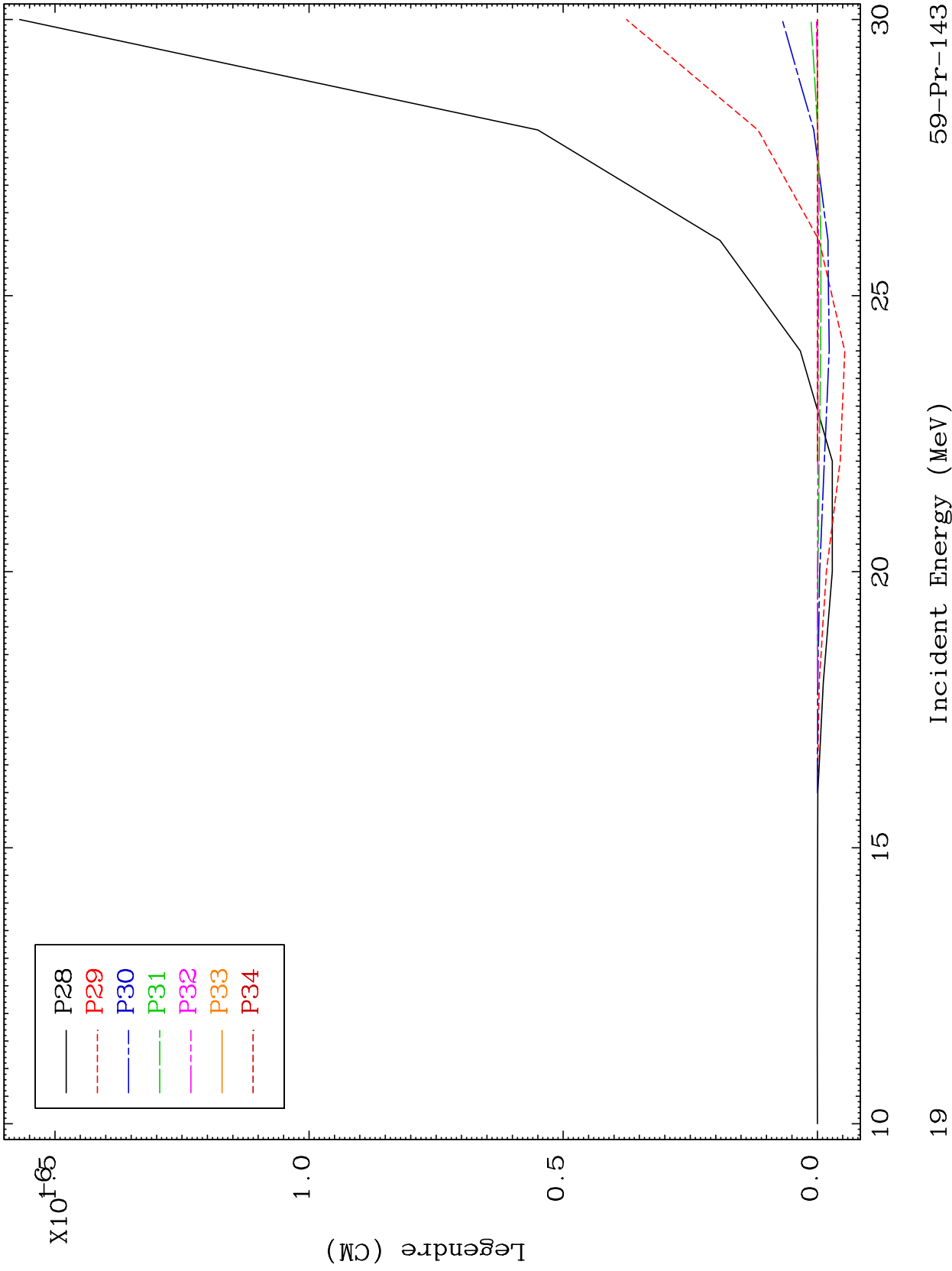
Incident Energy (MeV)

59-Pr-143

MAT 5931

Elastic
Legendre Coefficients

59-Pr-143



19

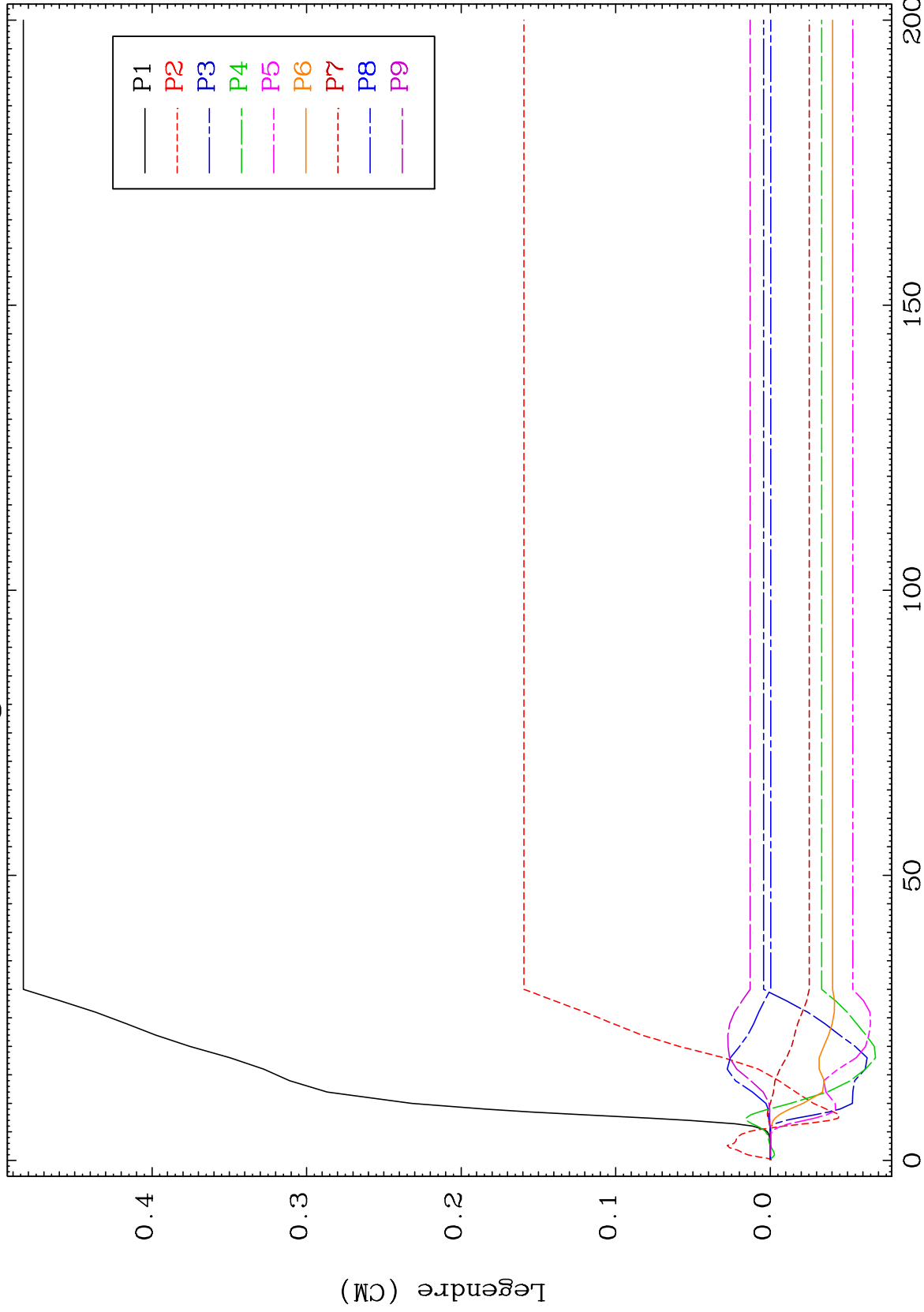
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



59-Pr-143

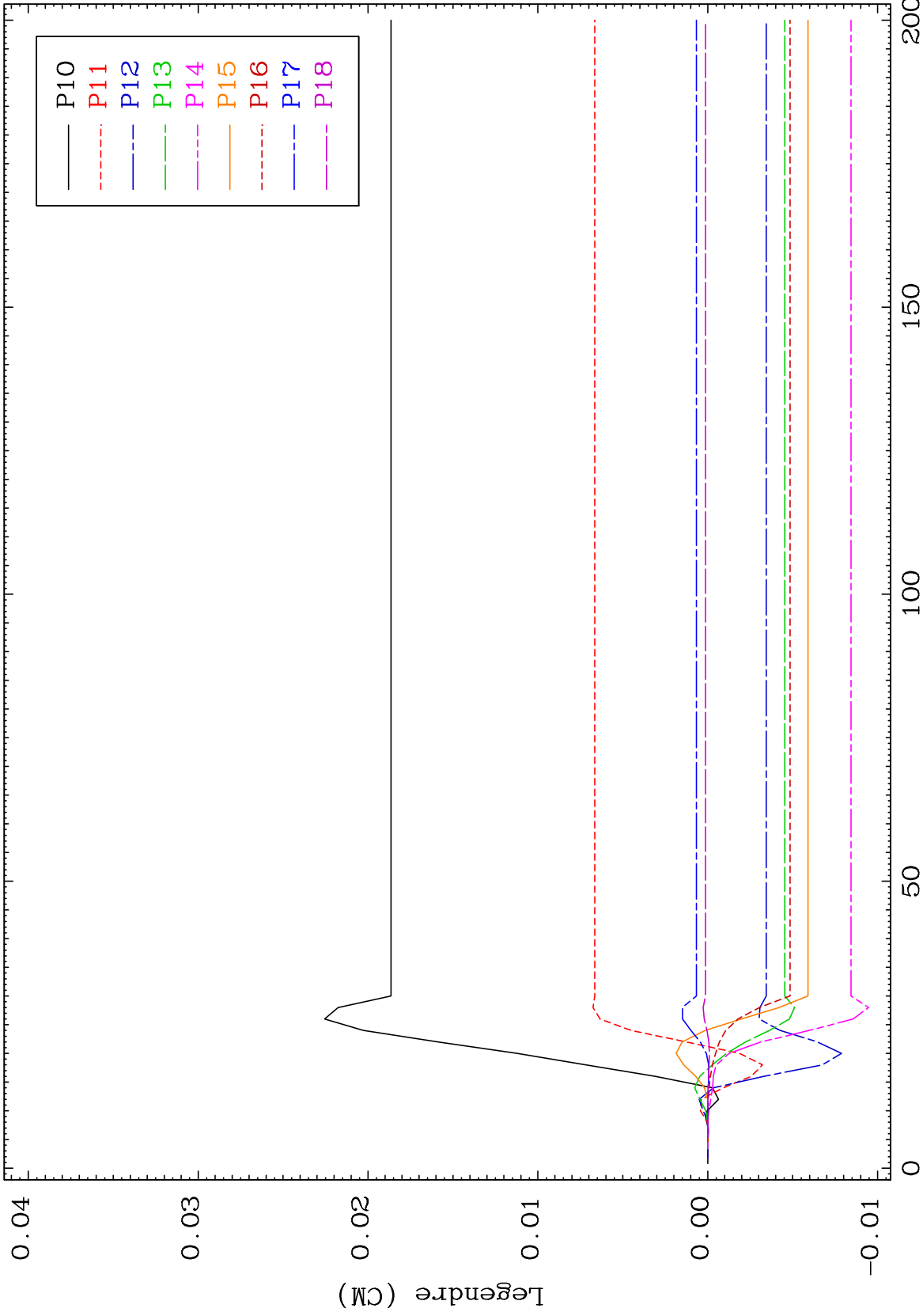
Incident Energy (MeV)

Legendre (CM)

MAT 5931

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

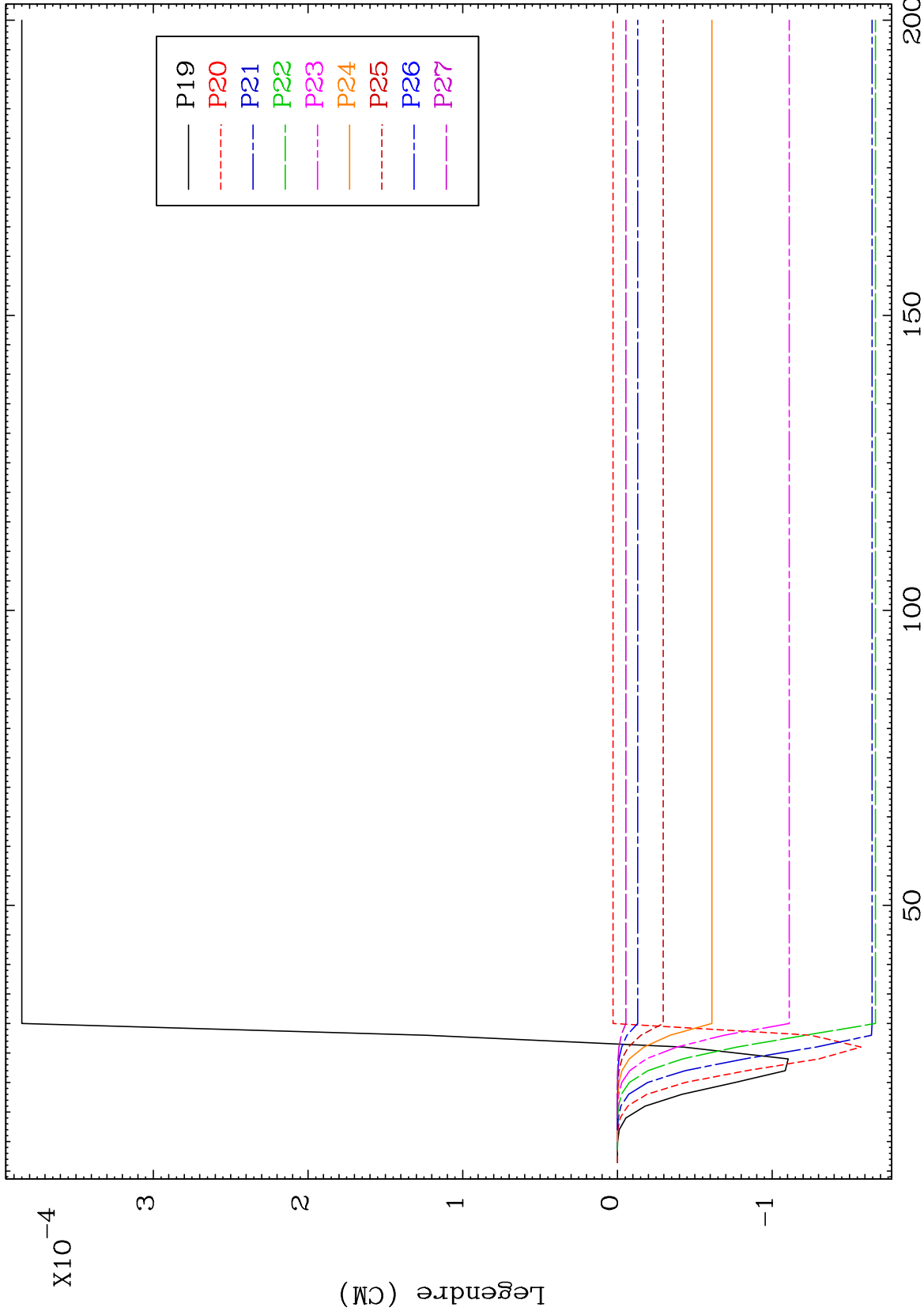
59-Pr-143



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Incident Energy (MeV)

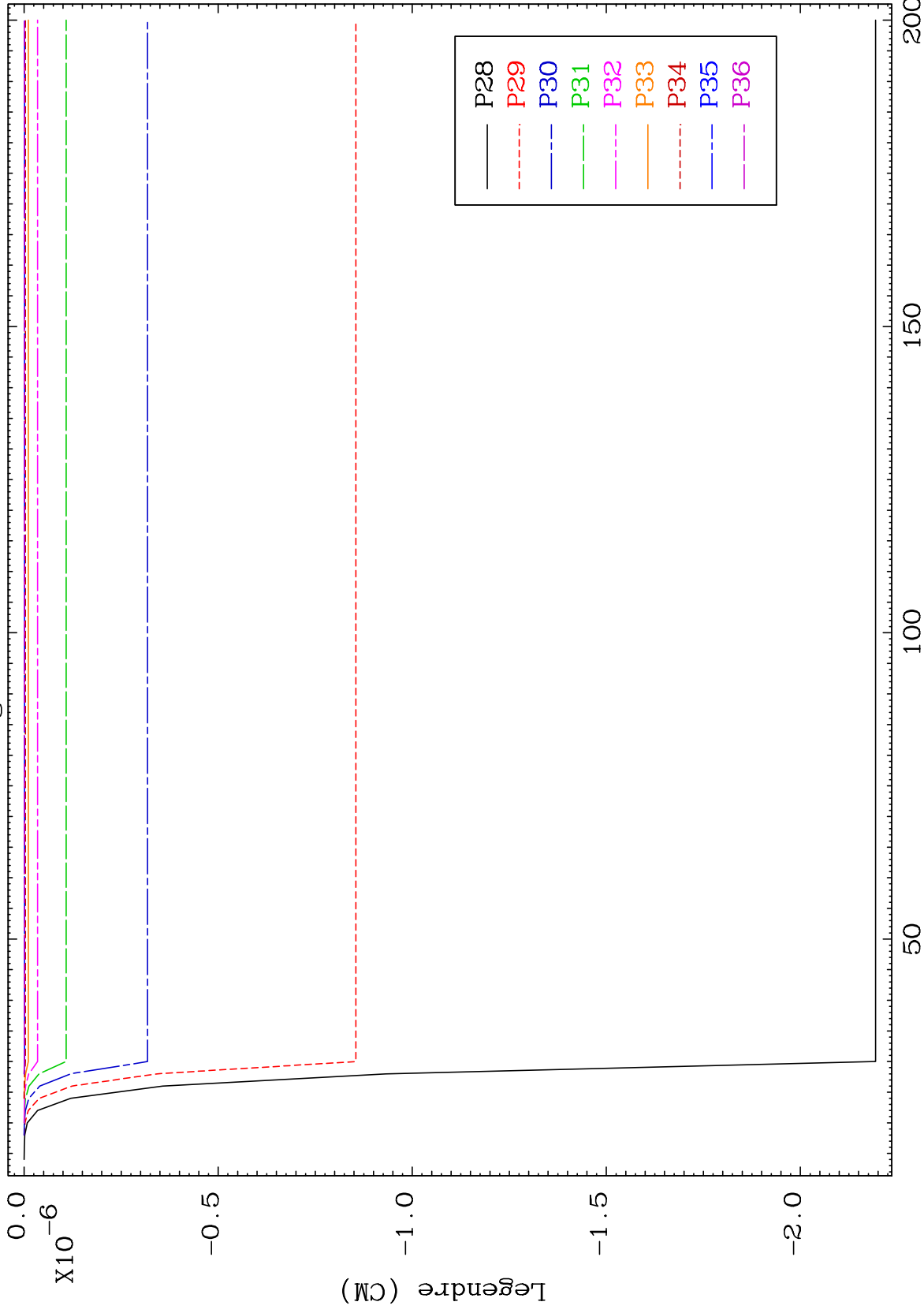
59-Pr-143



MAT 5931

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

59-Pr-143



23

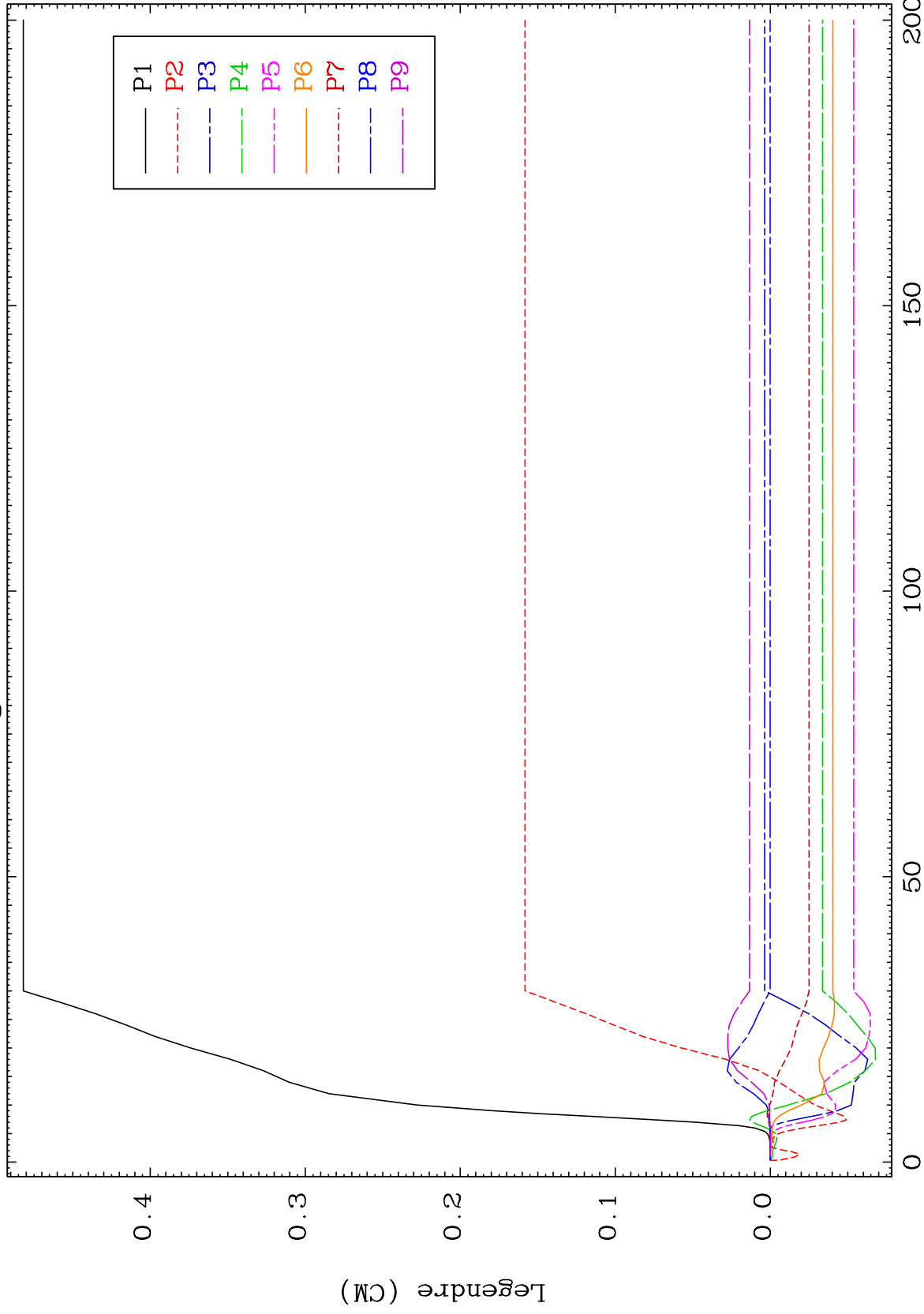
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



24

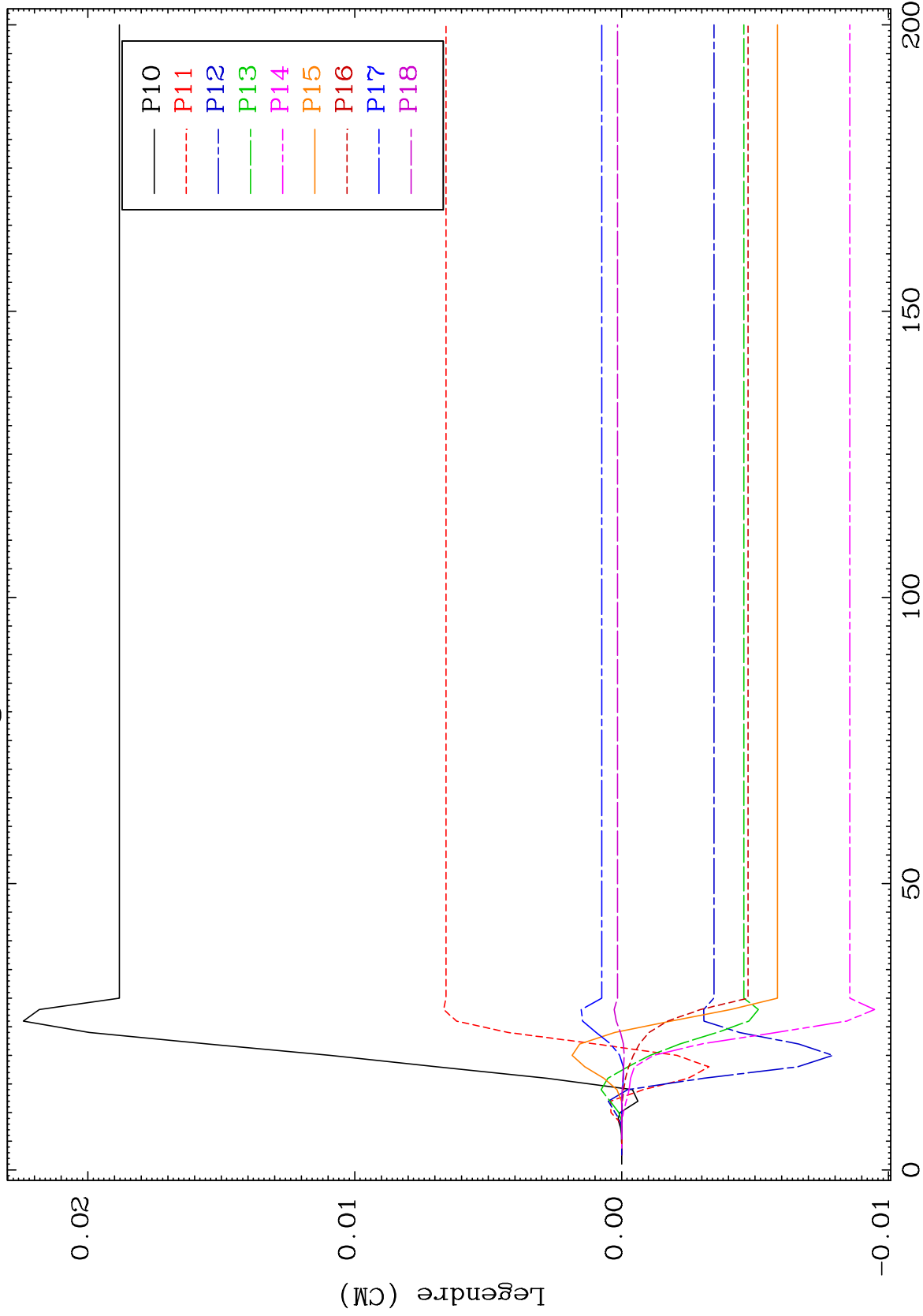
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

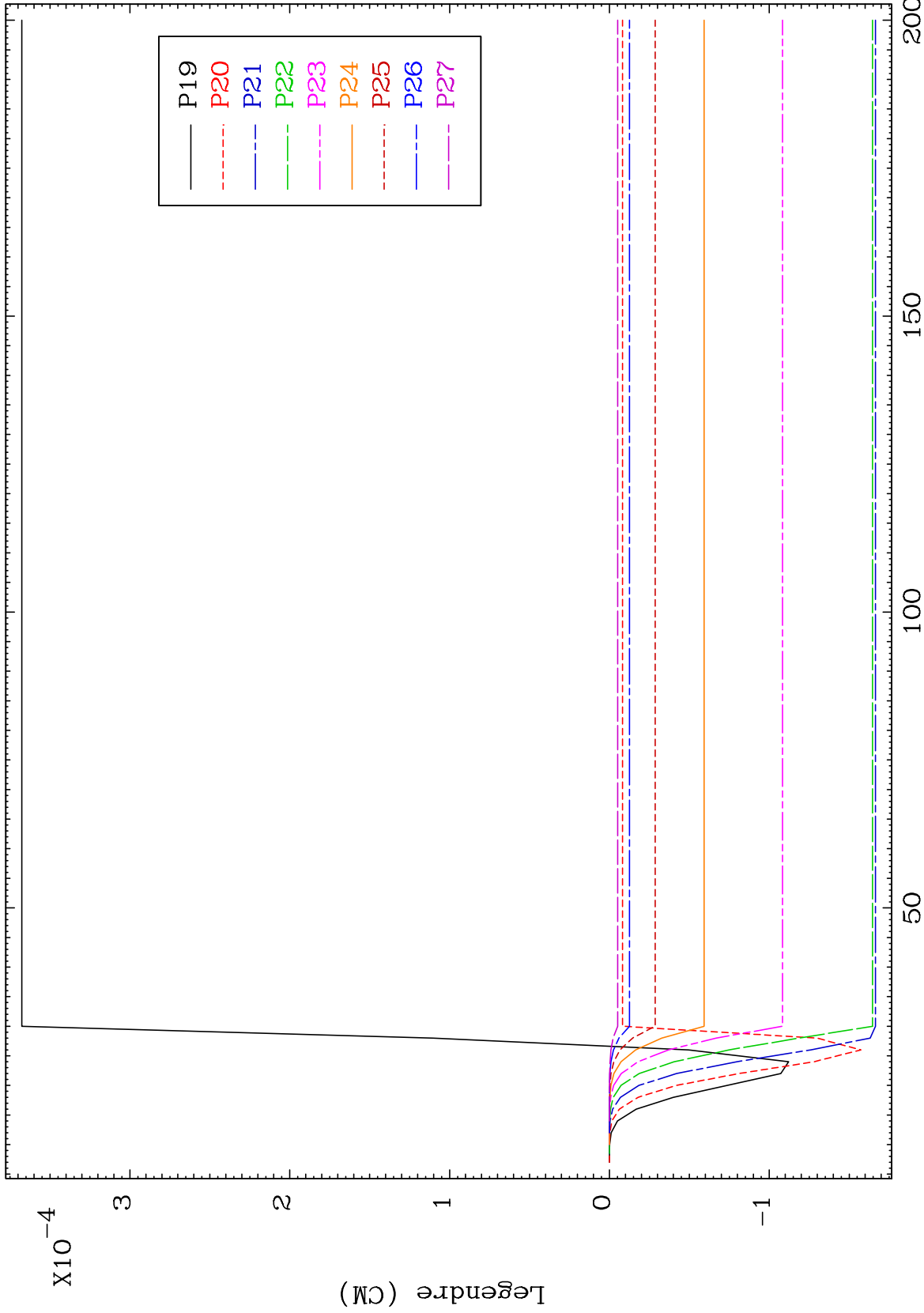
59-Pr-143



25

Incident Energy (MeV)

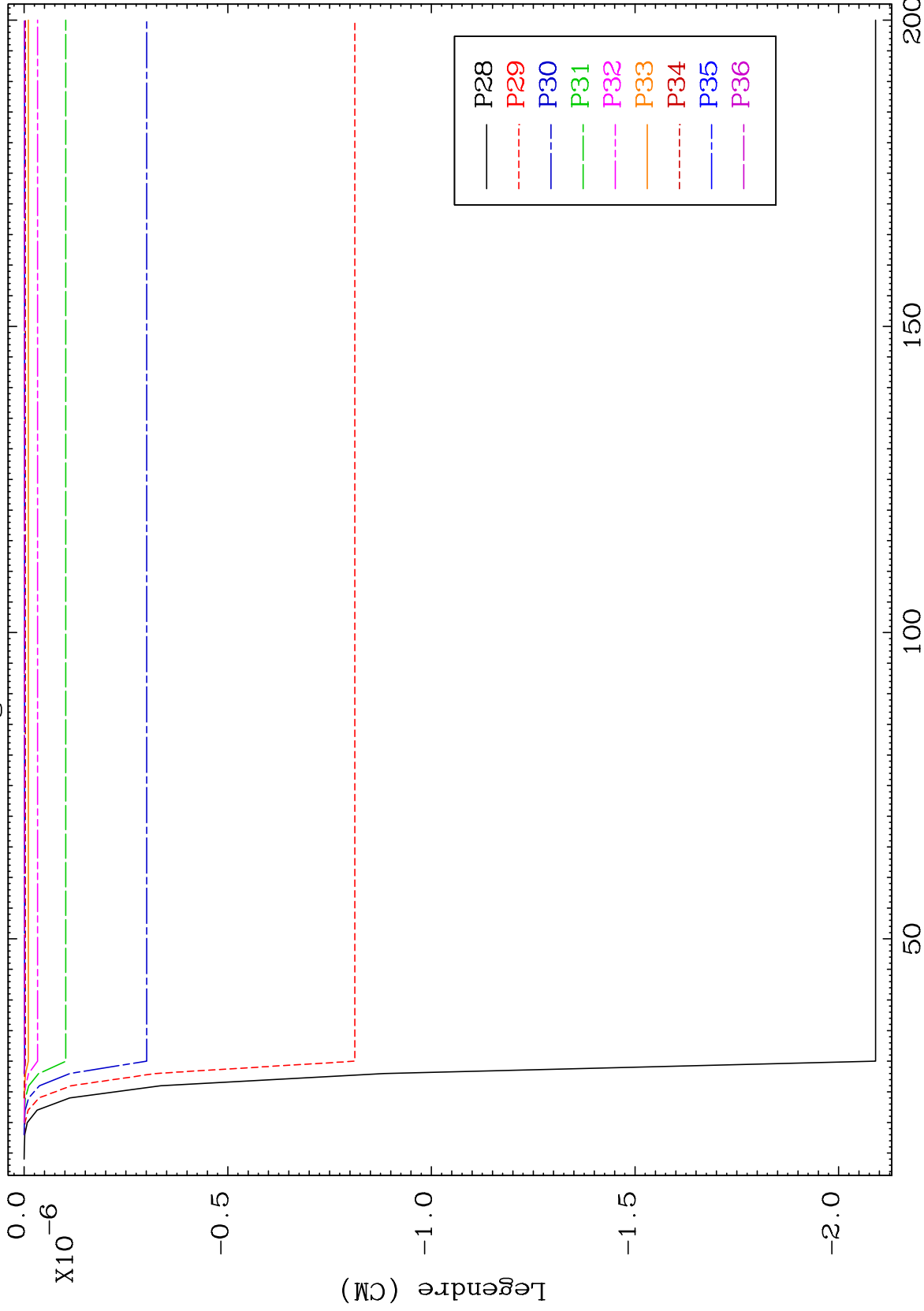
59-Pr-143



MAT 5931

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

59-Pr-143



27

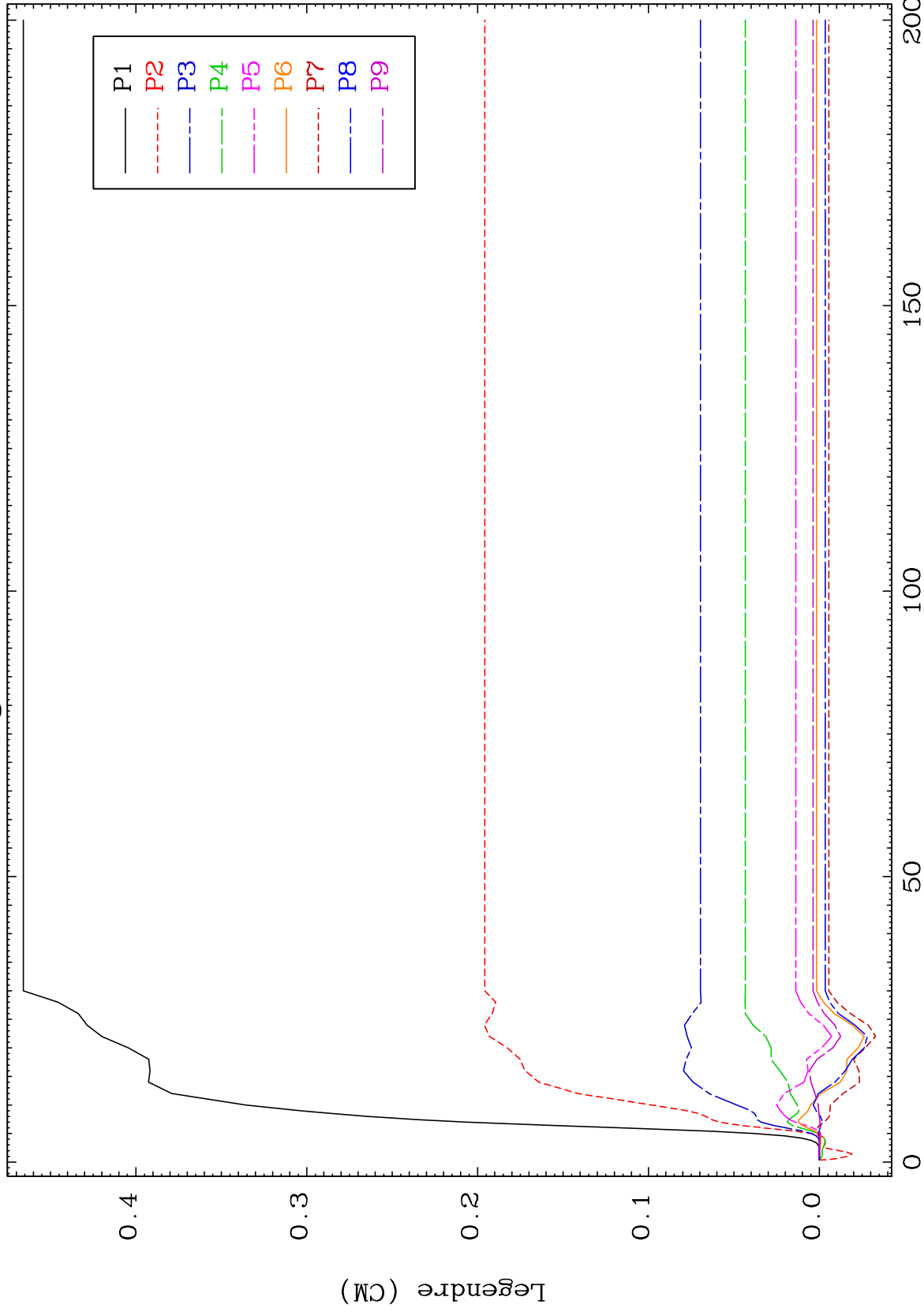
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



28

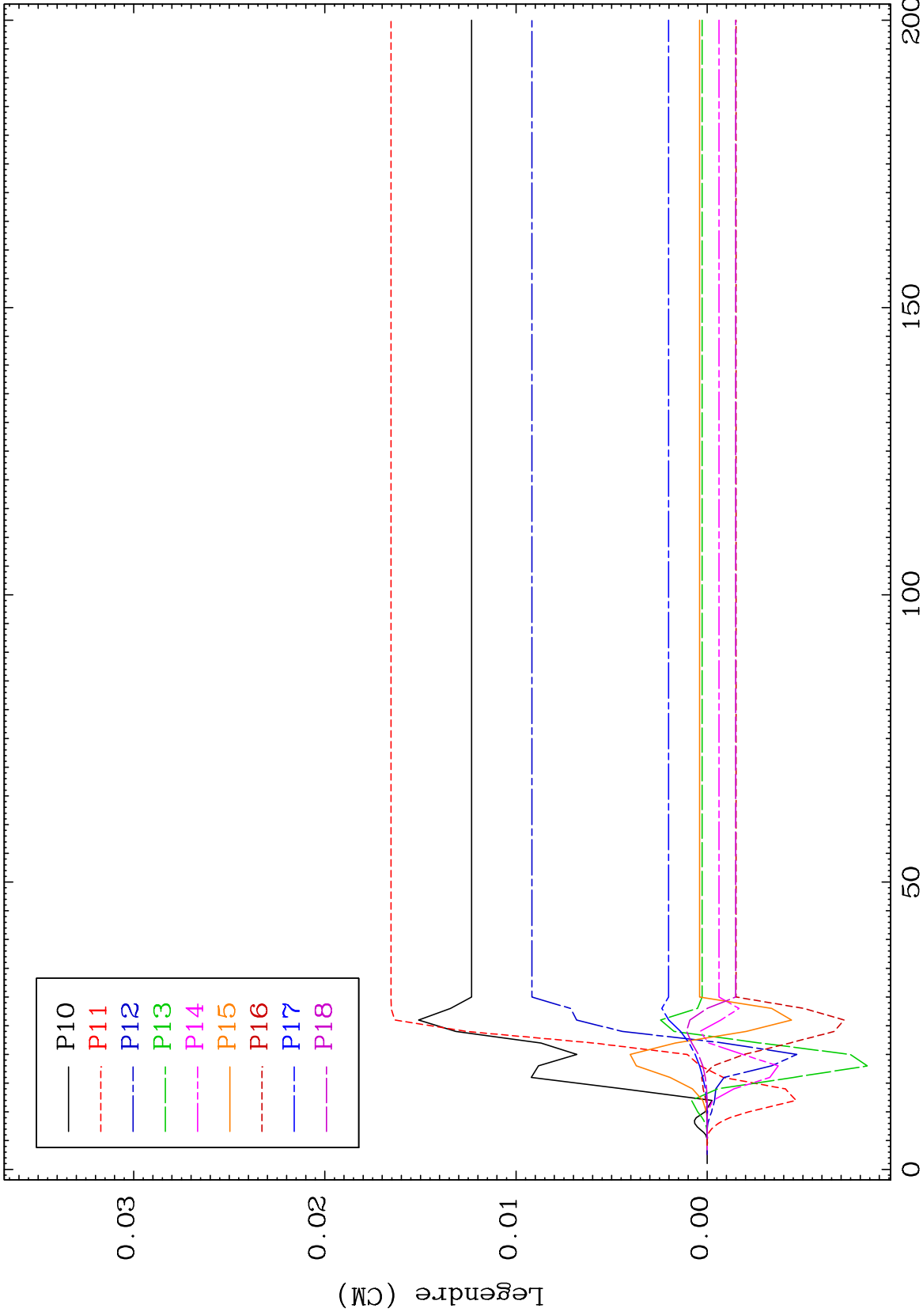
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



29

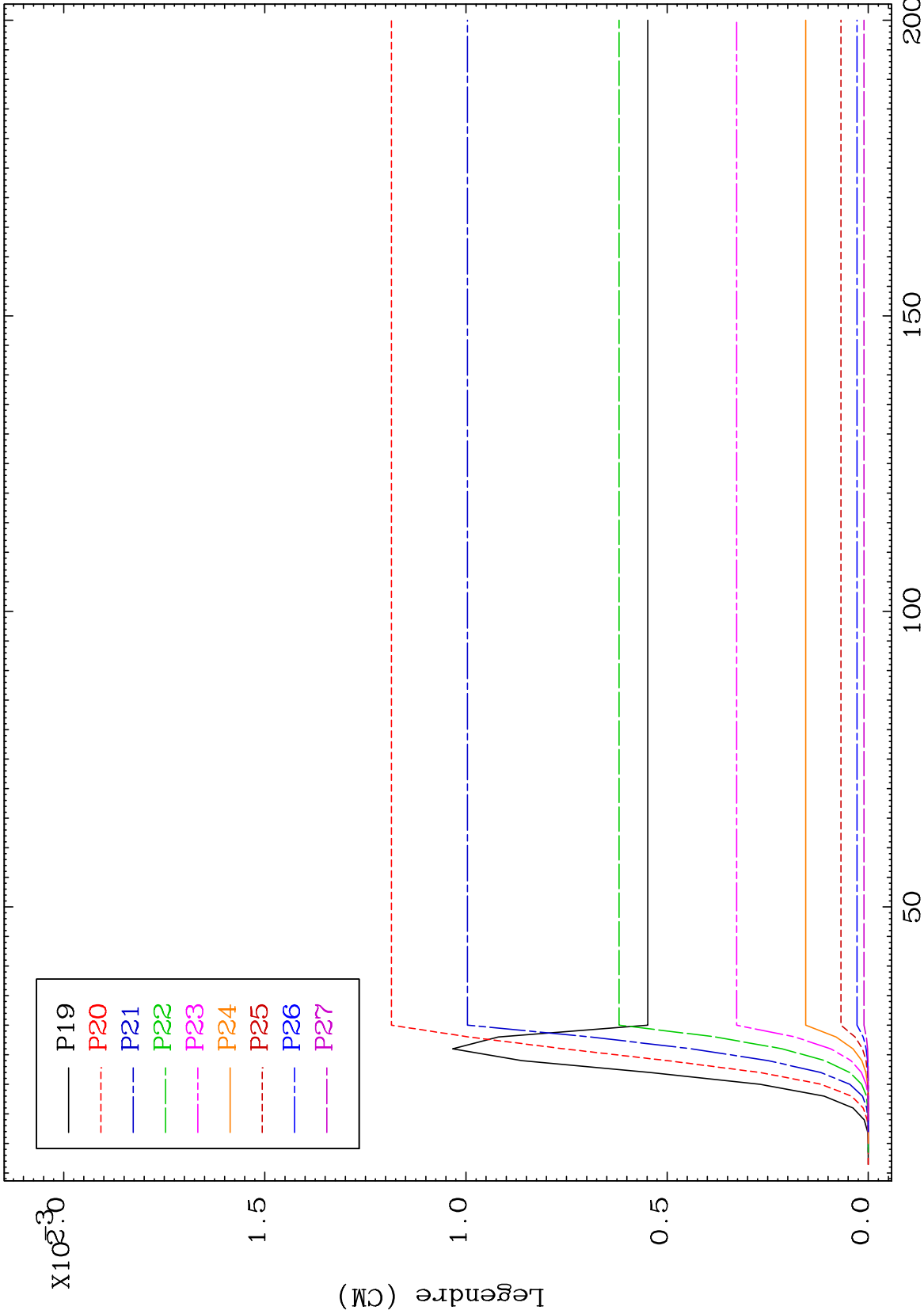
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



30

Incident Energy (MeV)

50

100

150

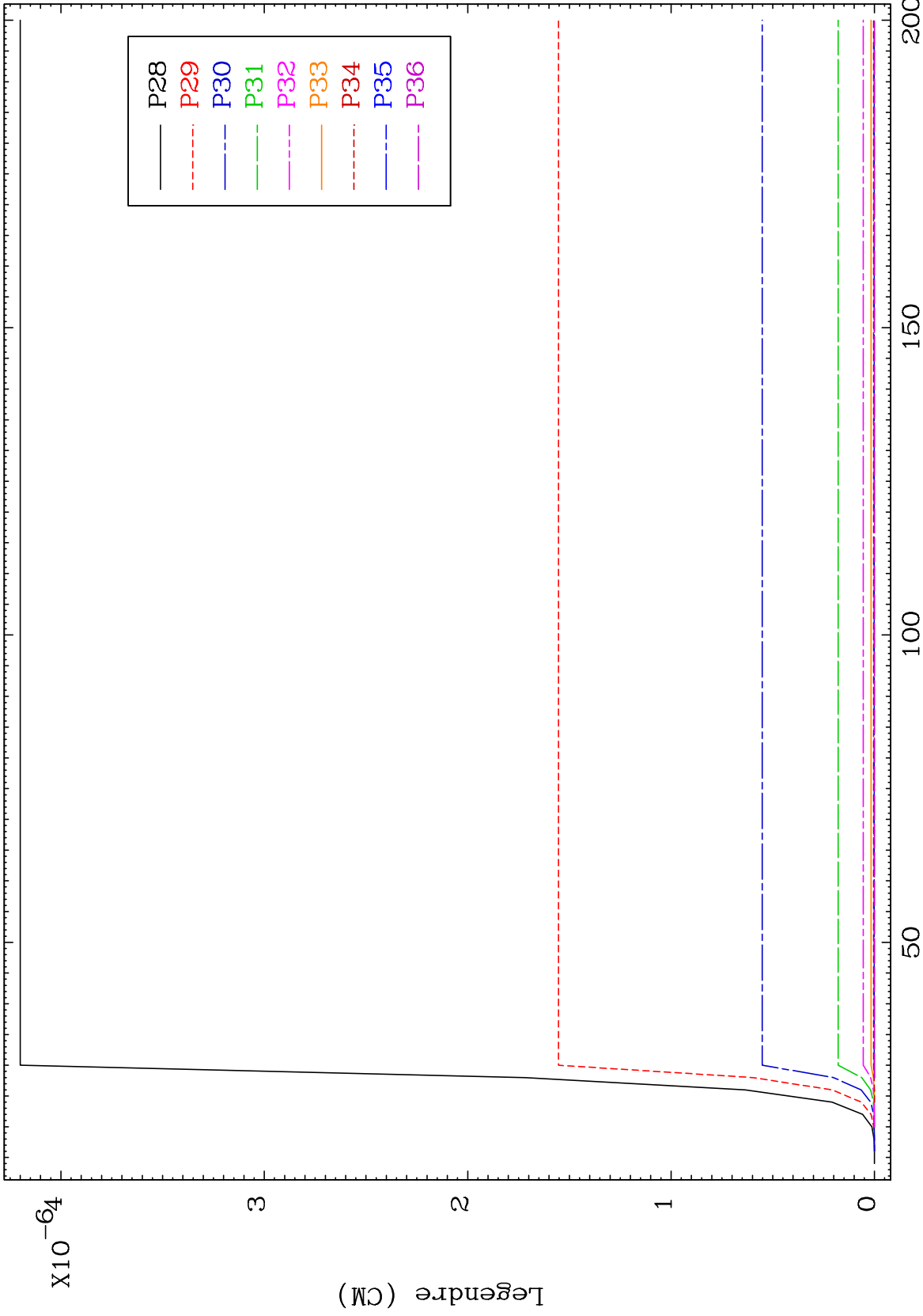
200

59-Pr-143

MAT 5931

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

59-Pr-143



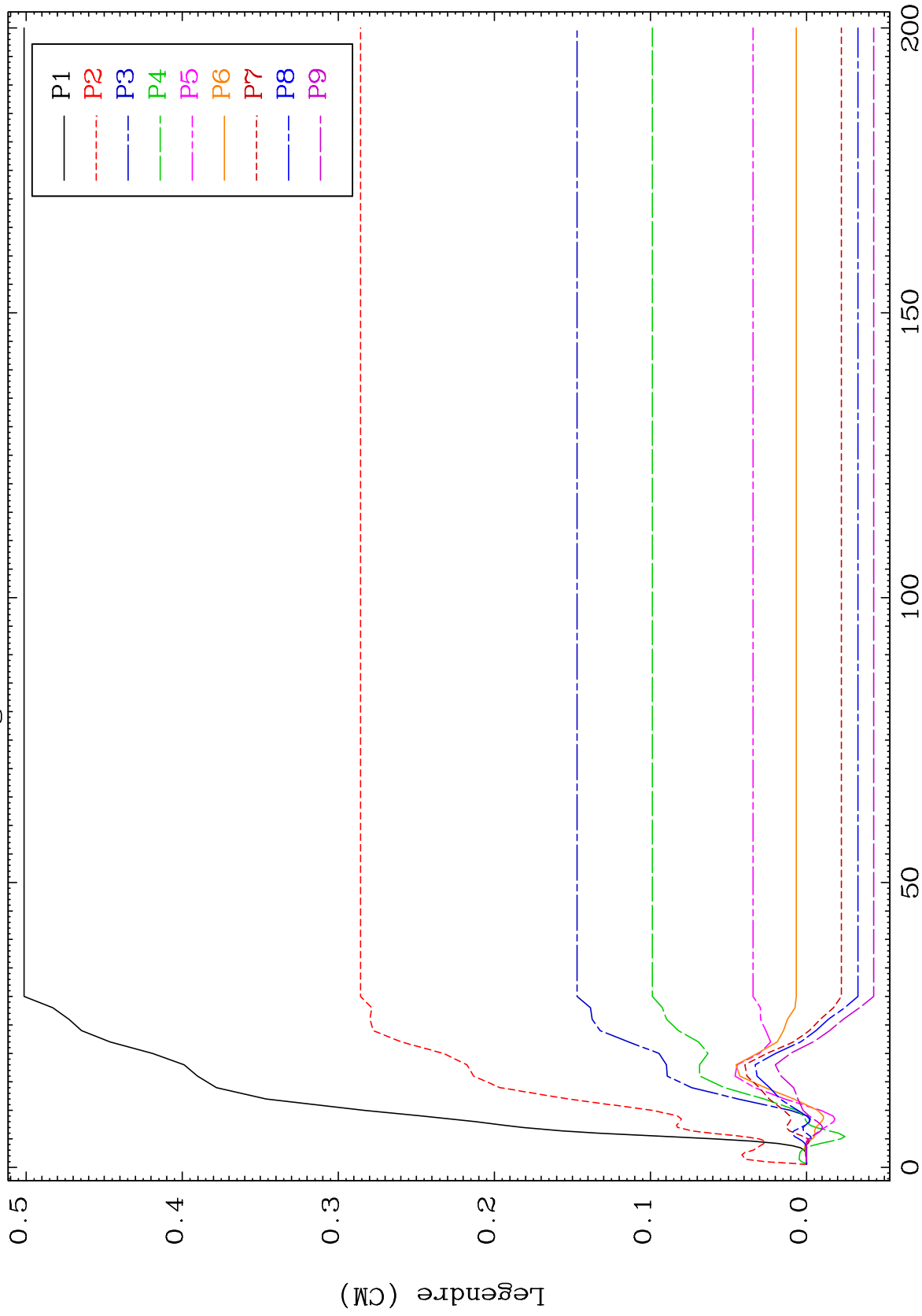
31

59-Pr-143

MAT 5931

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

59-Pr-143



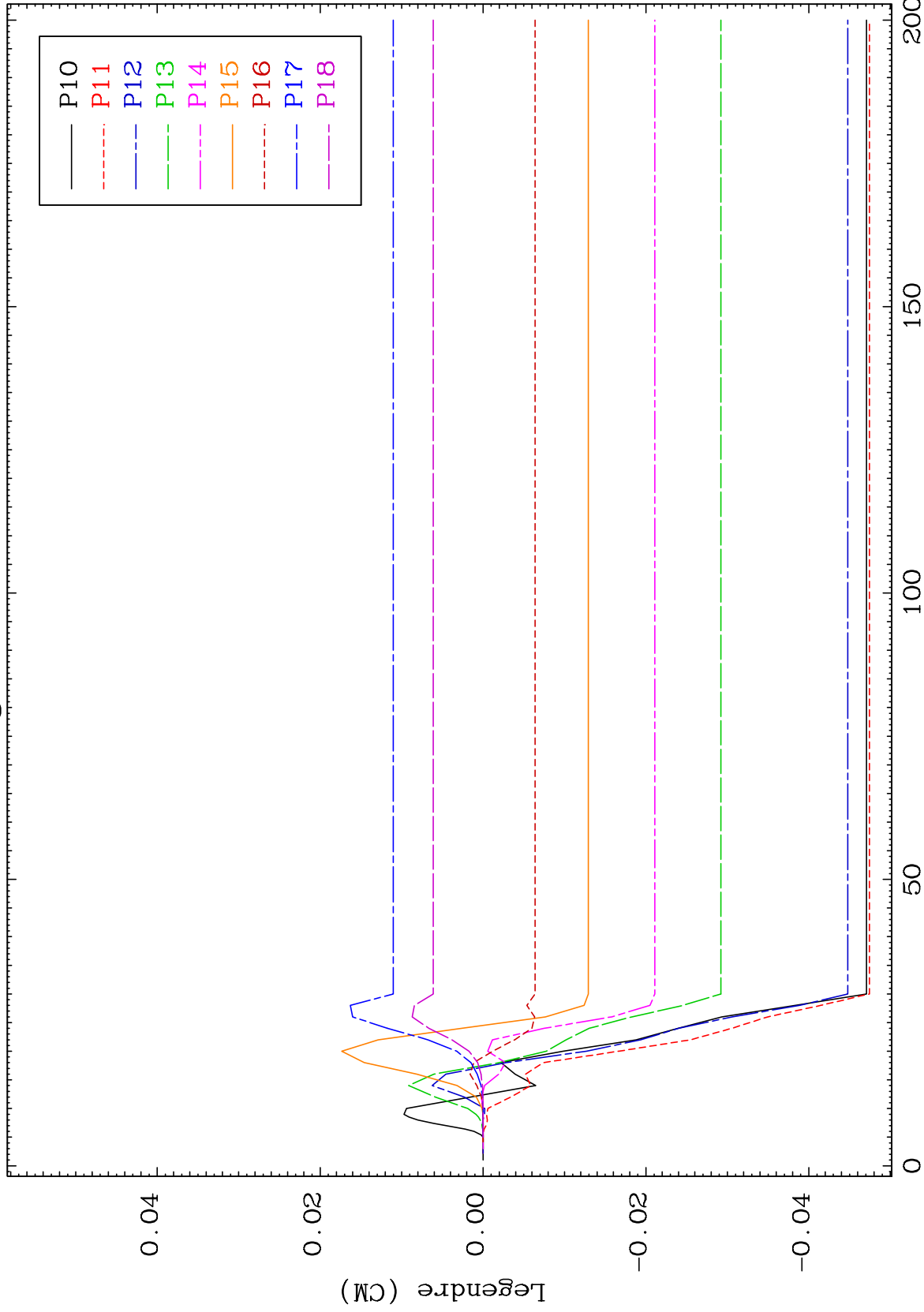
32

59-Pr-143

MAT 5931

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

59-Pr-143



33

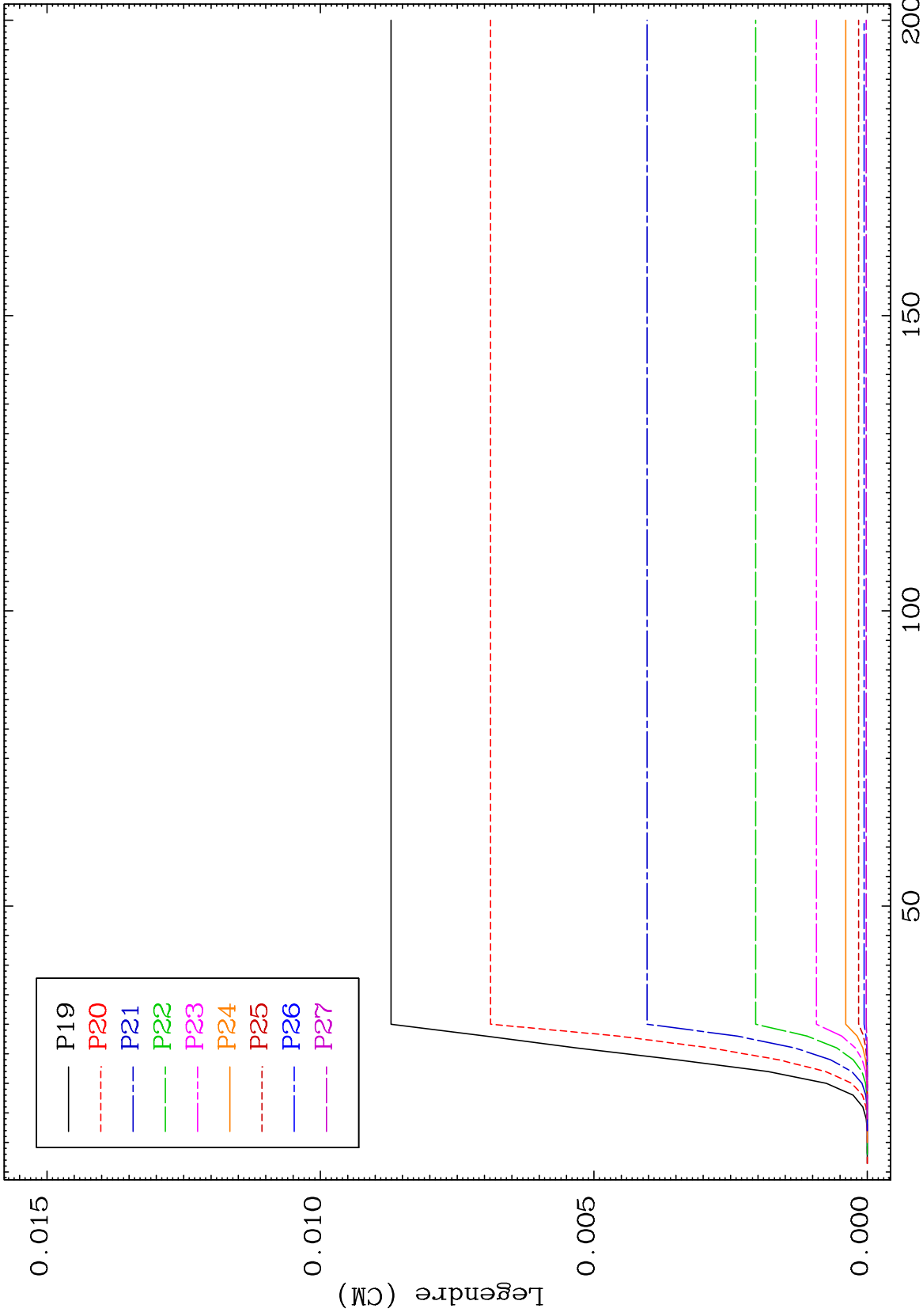
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

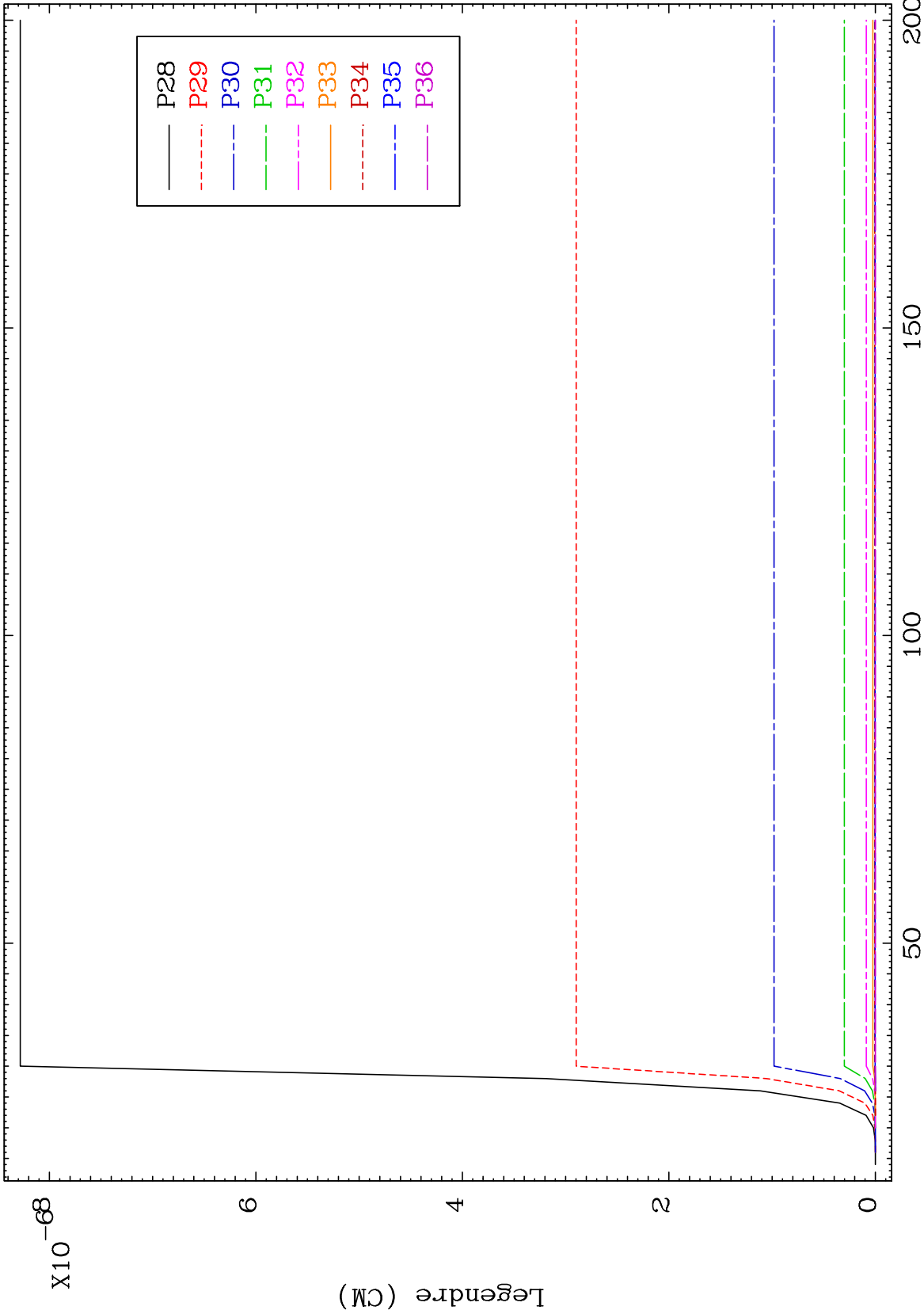
59-Pr-143



34

Incident Energy (MeV)

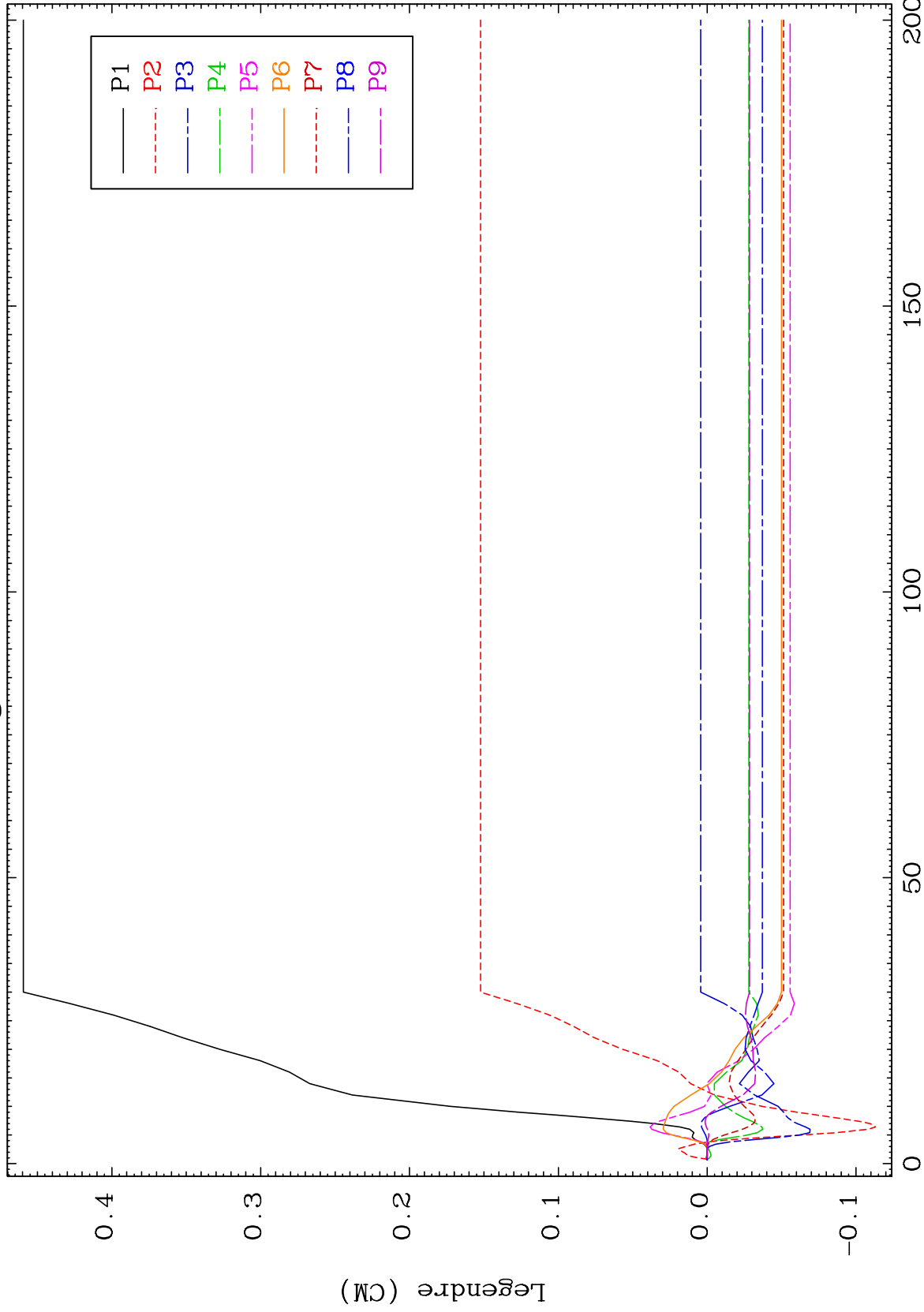
59-Pr-143



MAT 5931

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

59-Pr-143



36

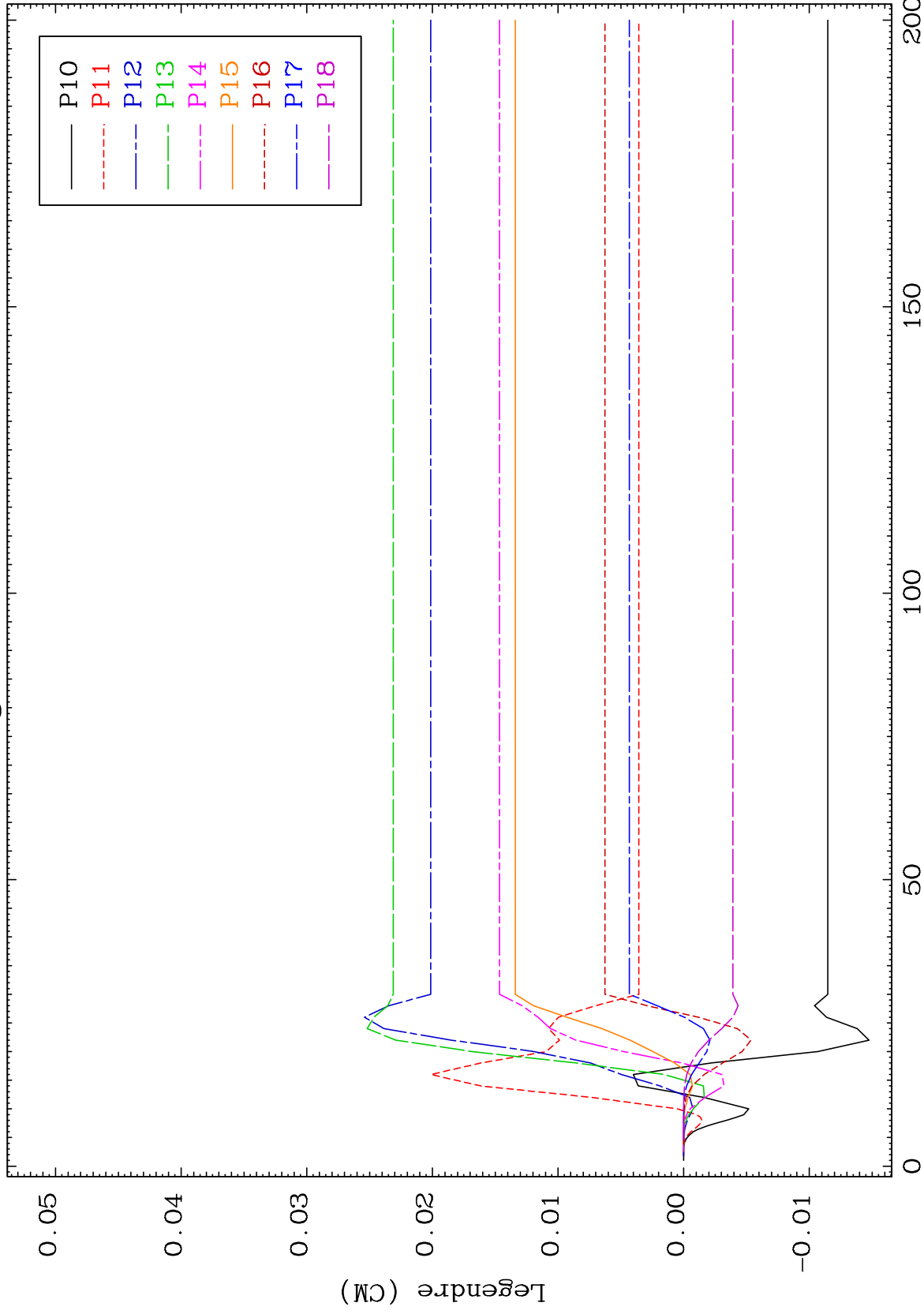
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

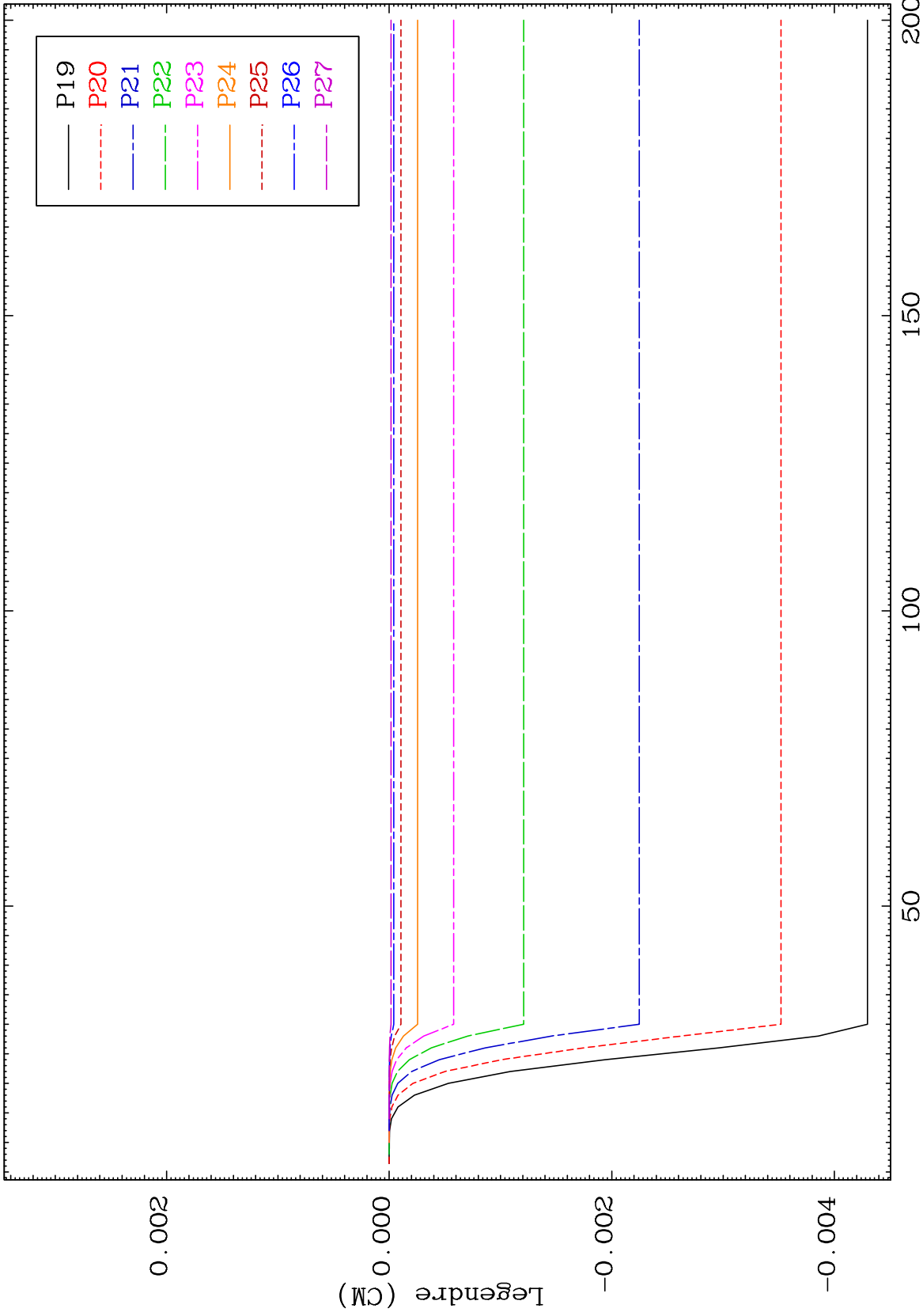
59-Pr-143



37

Incident Energy (MeV)

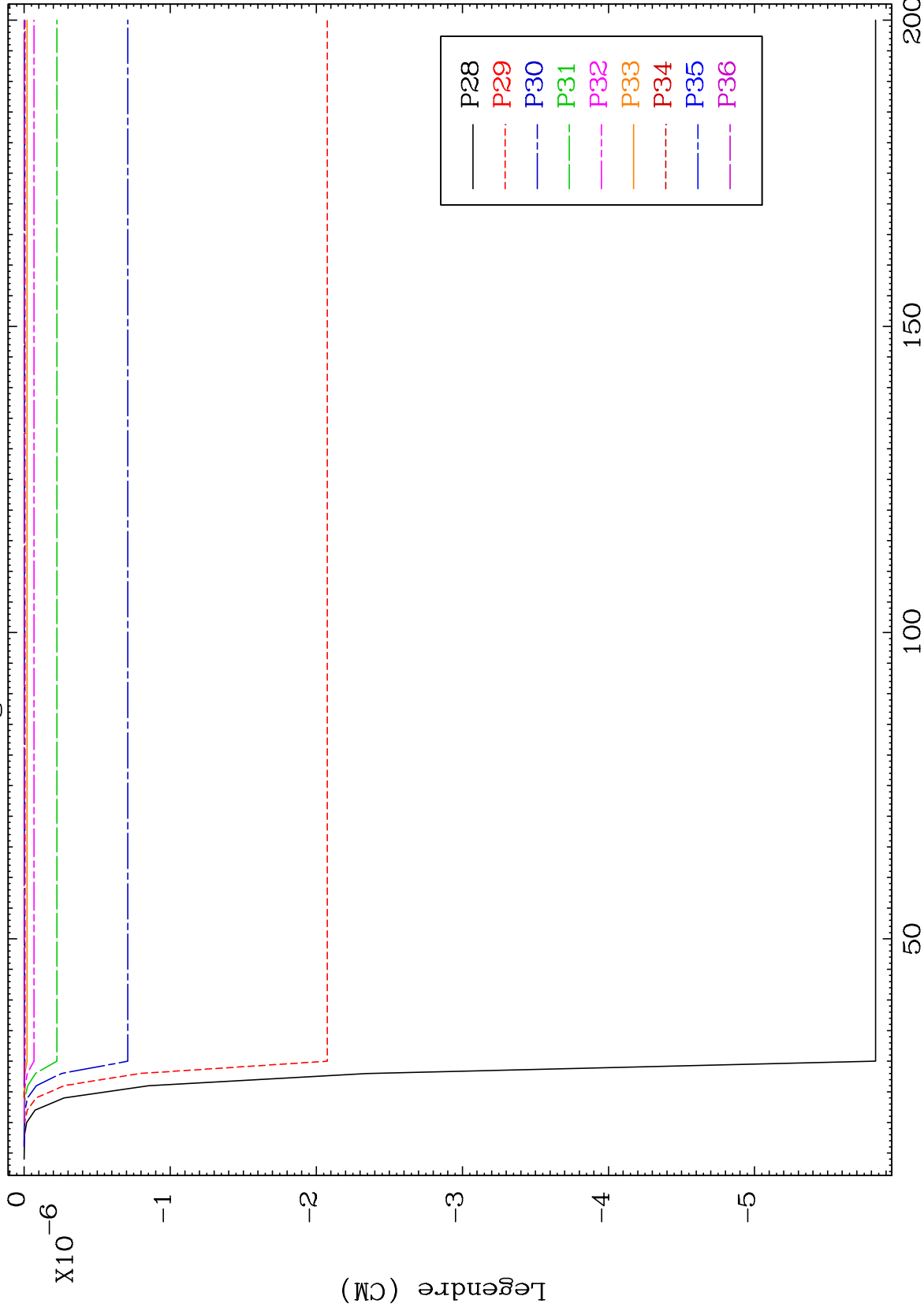
59-Pr-143



MAT 5931

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

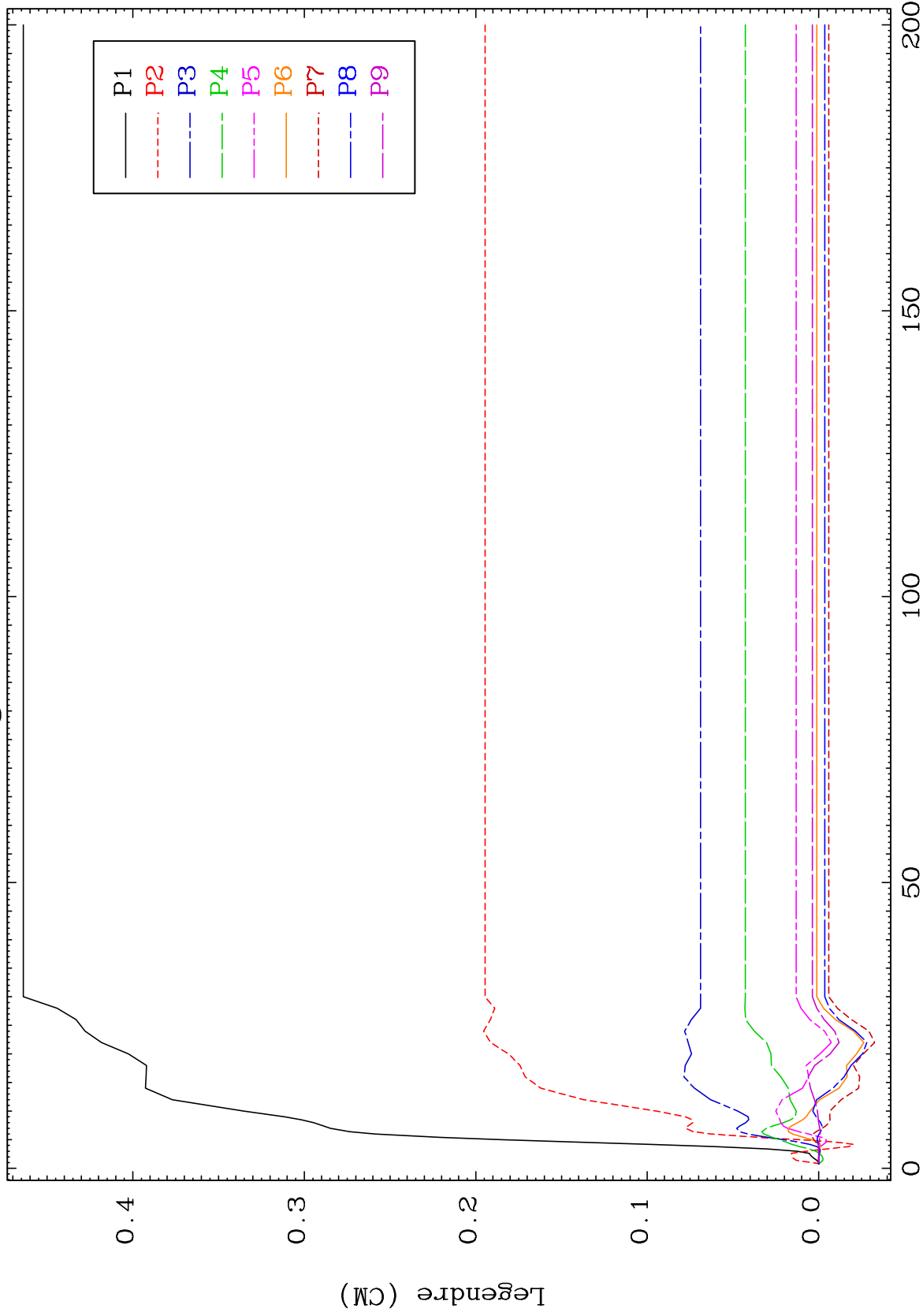
59-Pr-143



MAT 5931

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

59-Pr-143



59-Pr-143

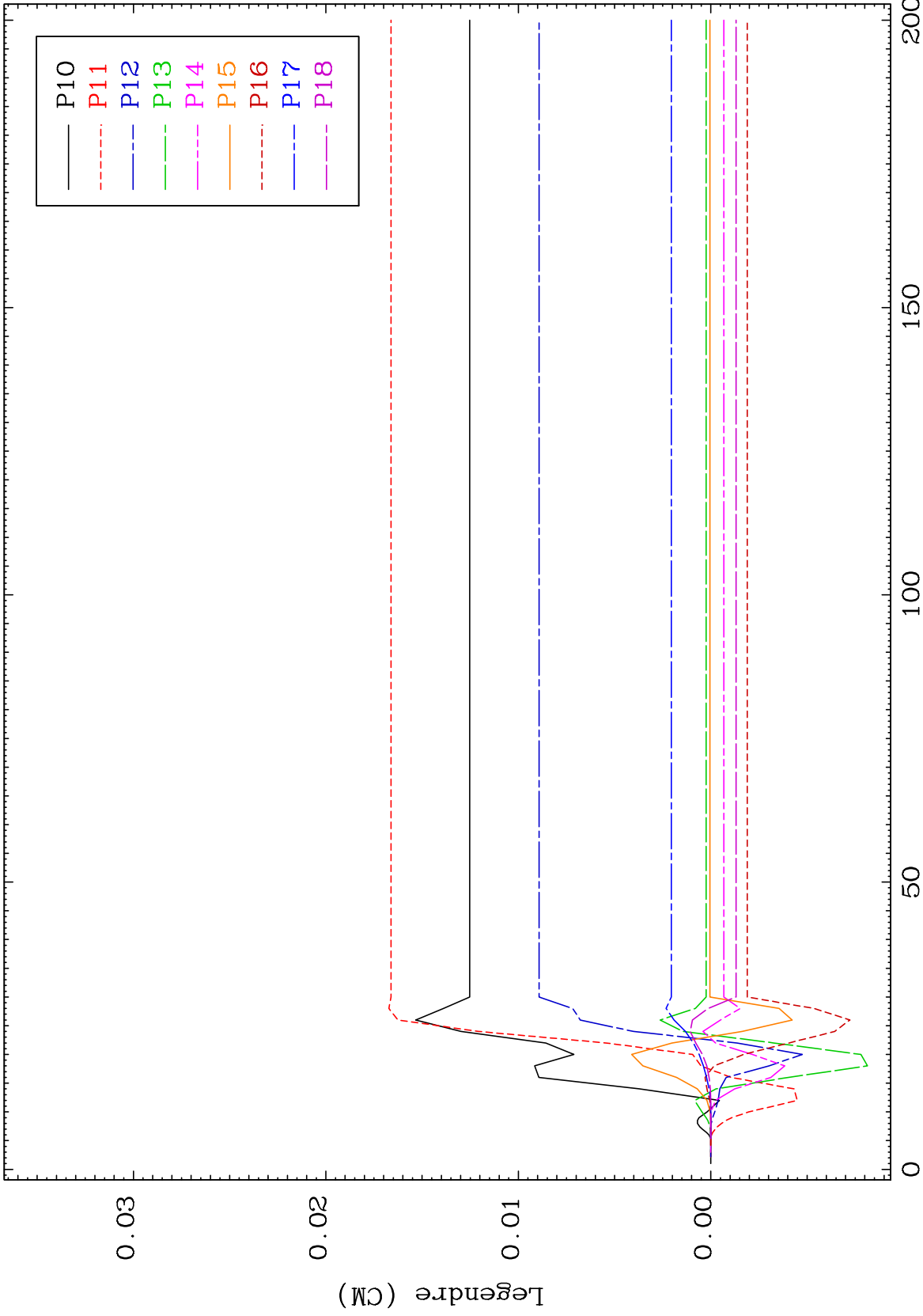
Incident Energy (MeV)

40

MAT 5931

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

59-Pr-143



41

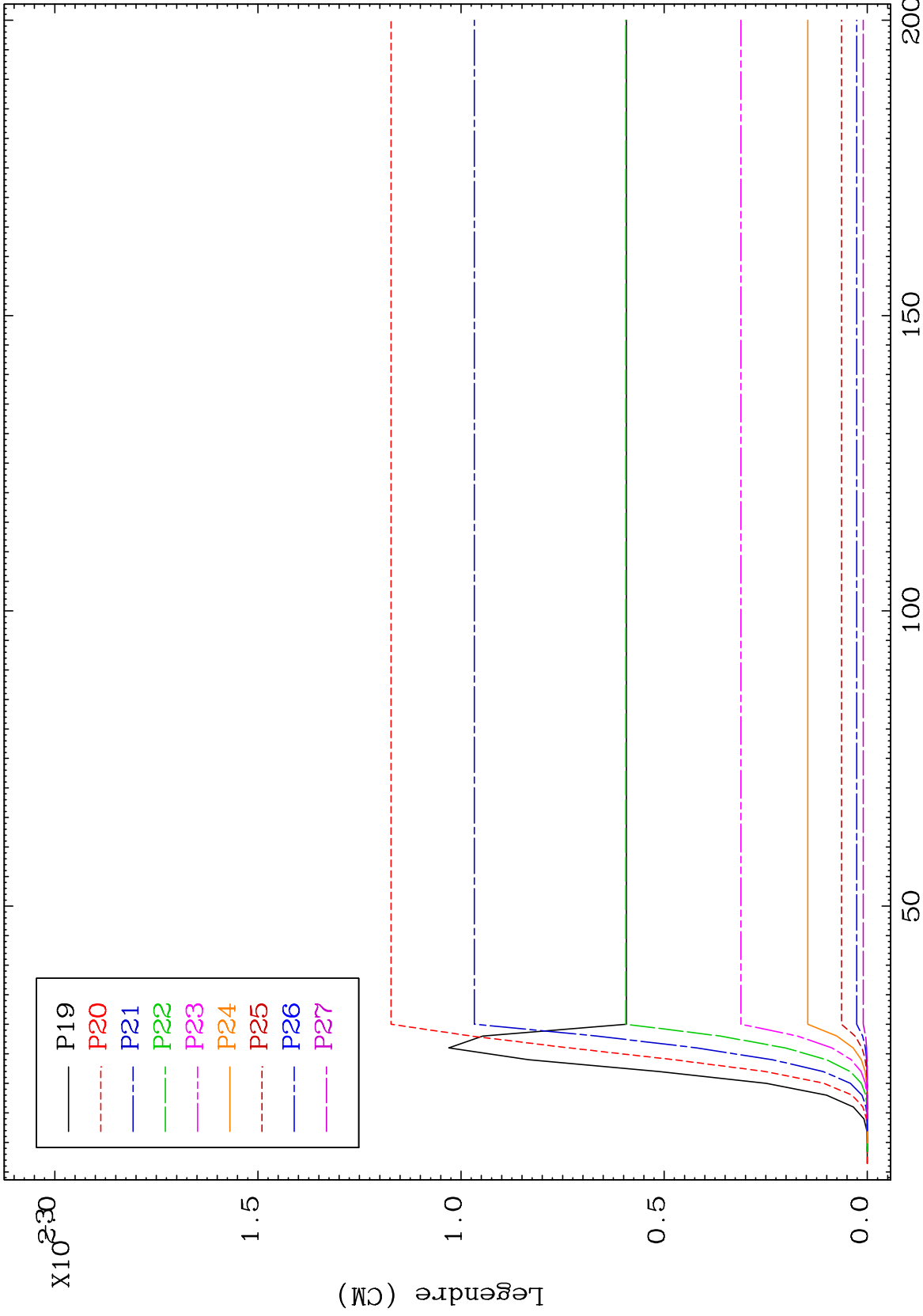
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

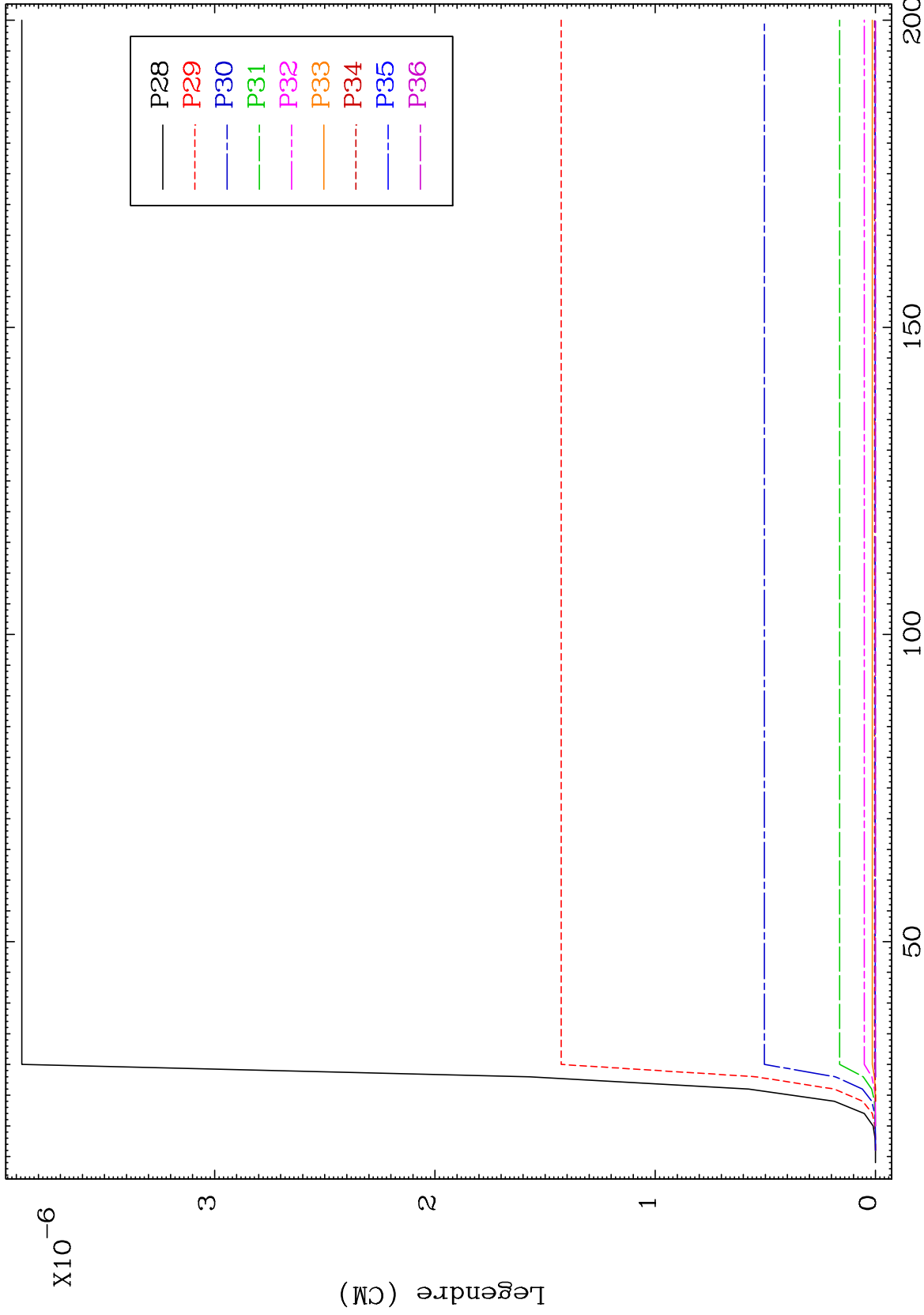
59-Pr-143



42

Incident Energy (MeV)

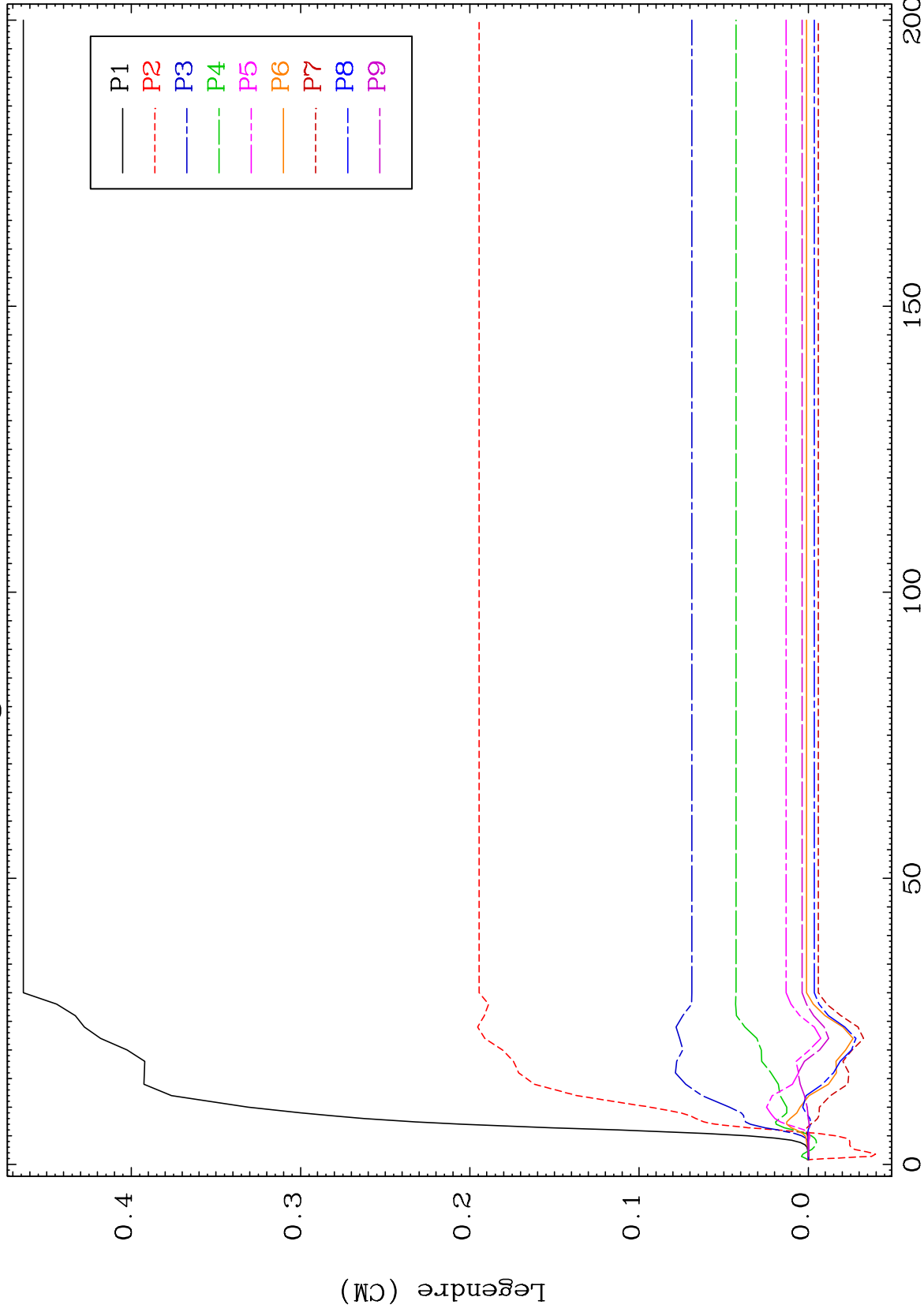
59-Pr-143



MAT 5931

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

59-Pr-143



44

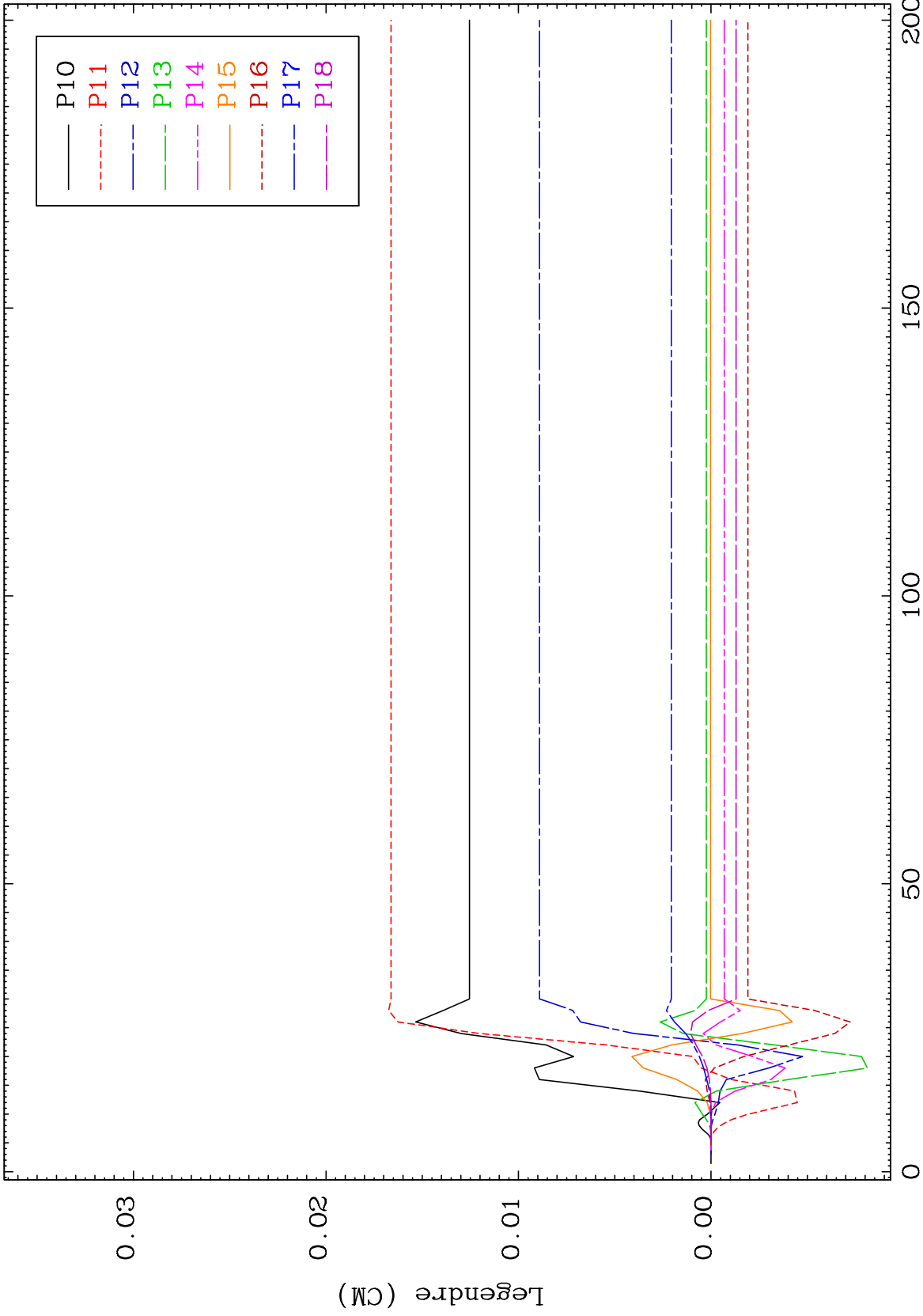
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

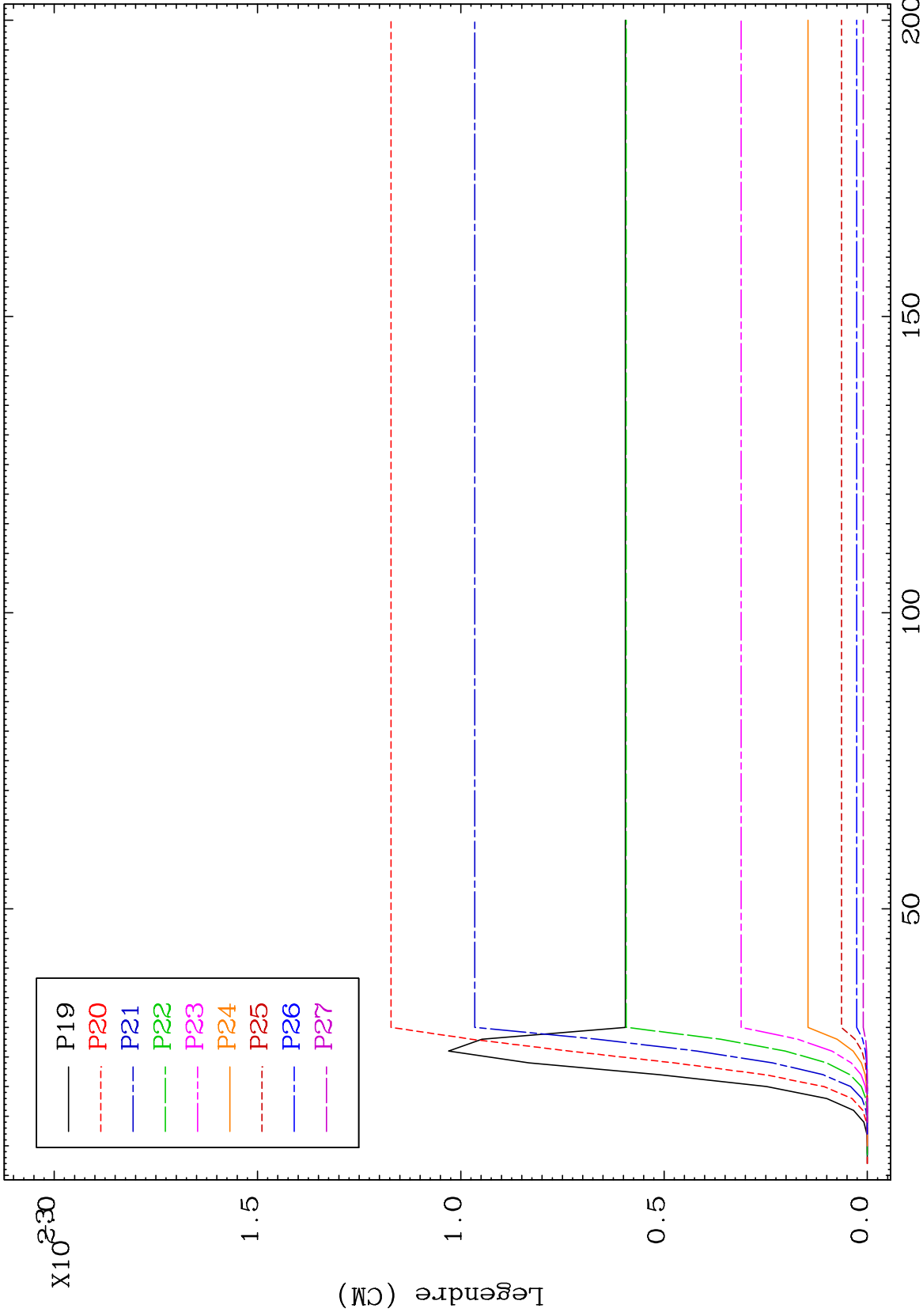
59-Pr-143



45

Incident Energy (MeV)

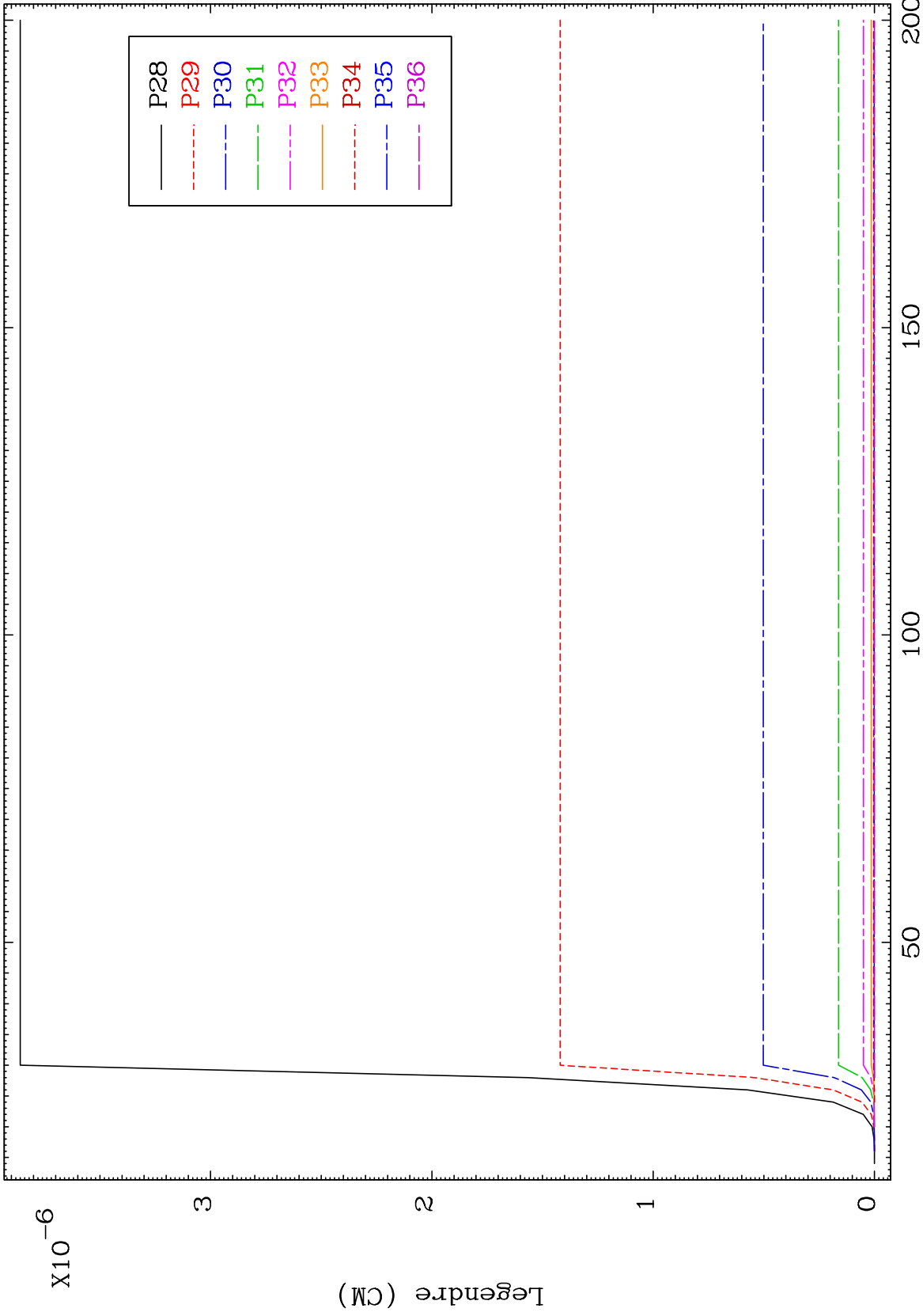
59-Pr-143



MAT 5931

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

59-Pr-143



47

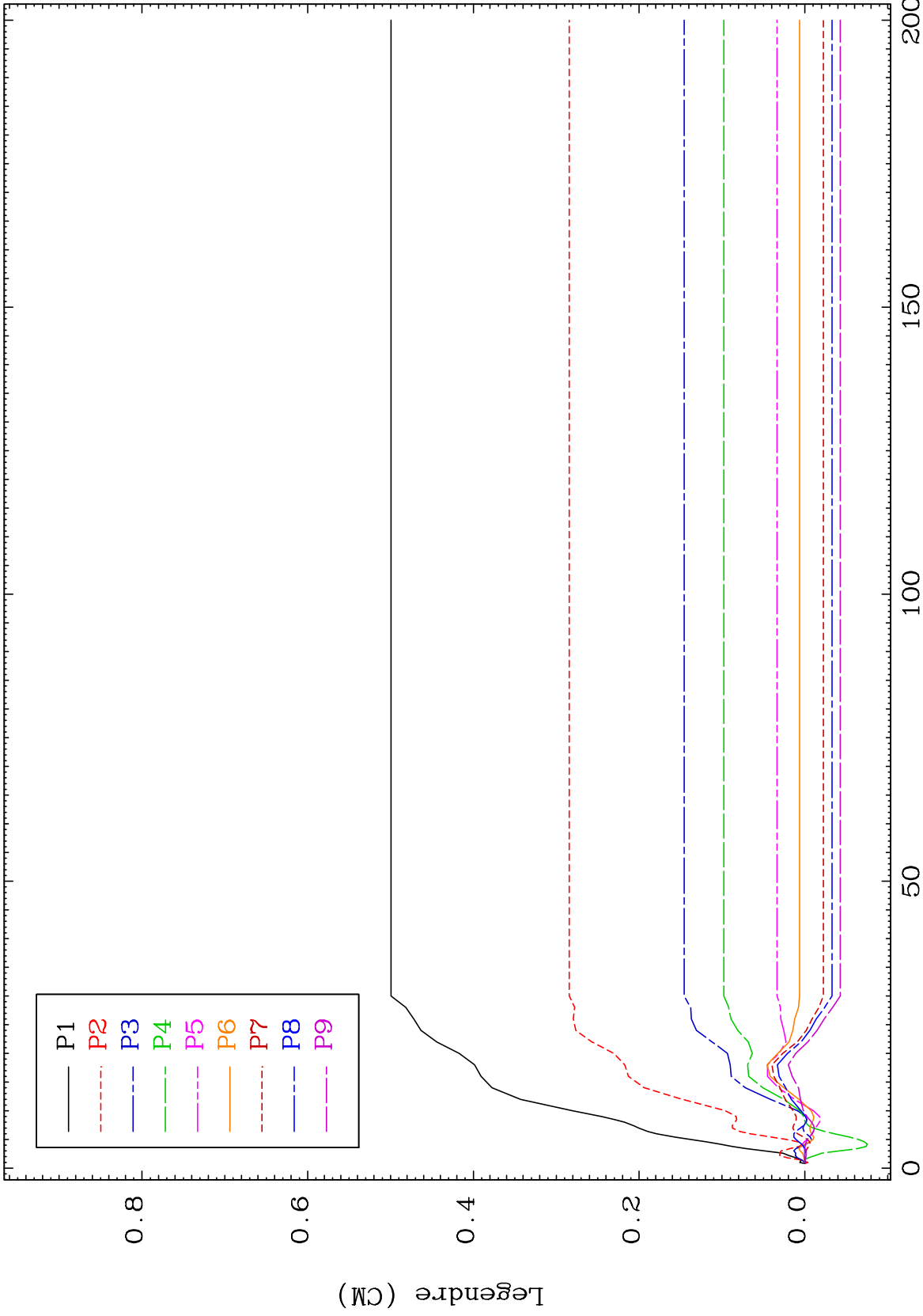
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



48

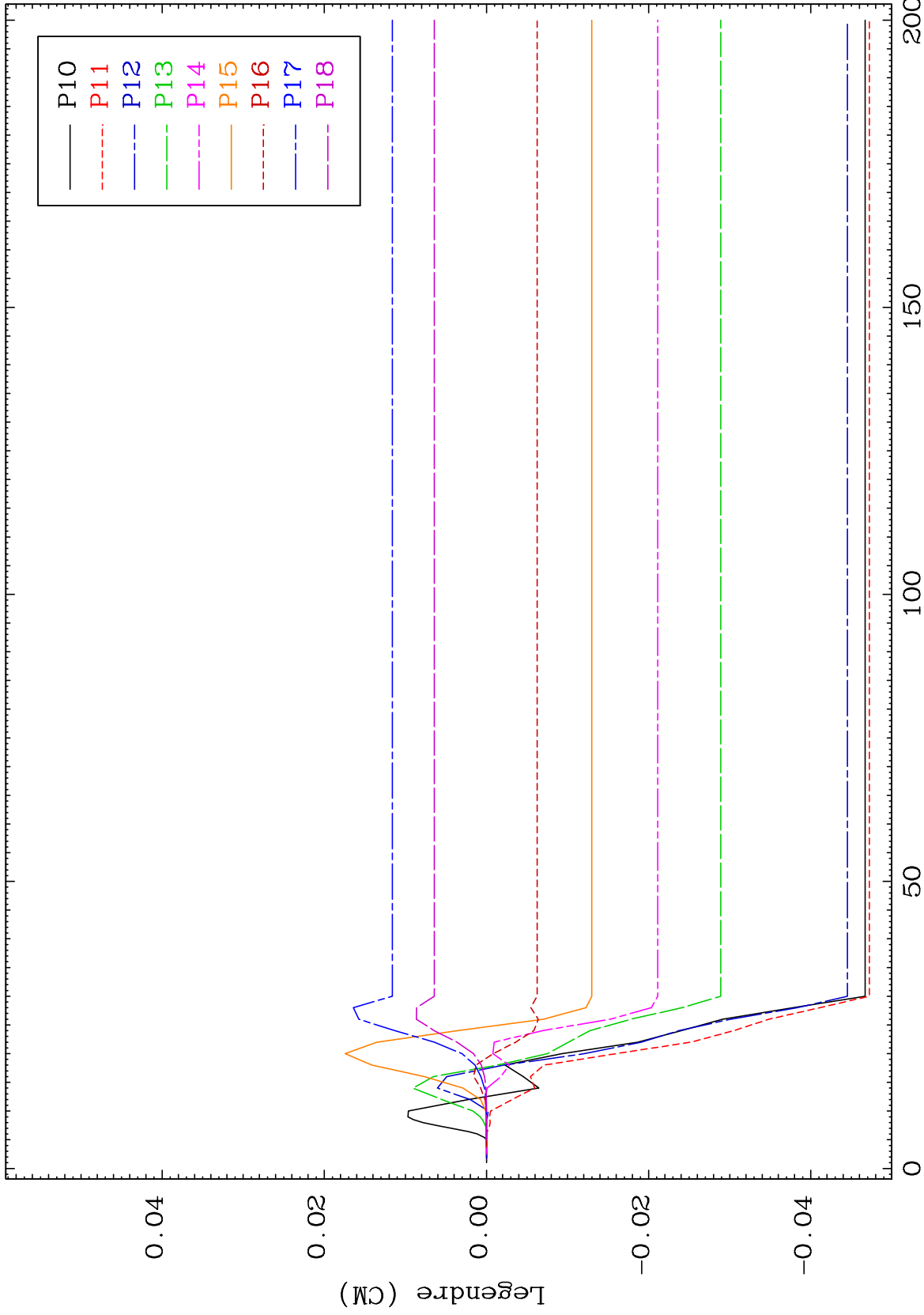
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



49

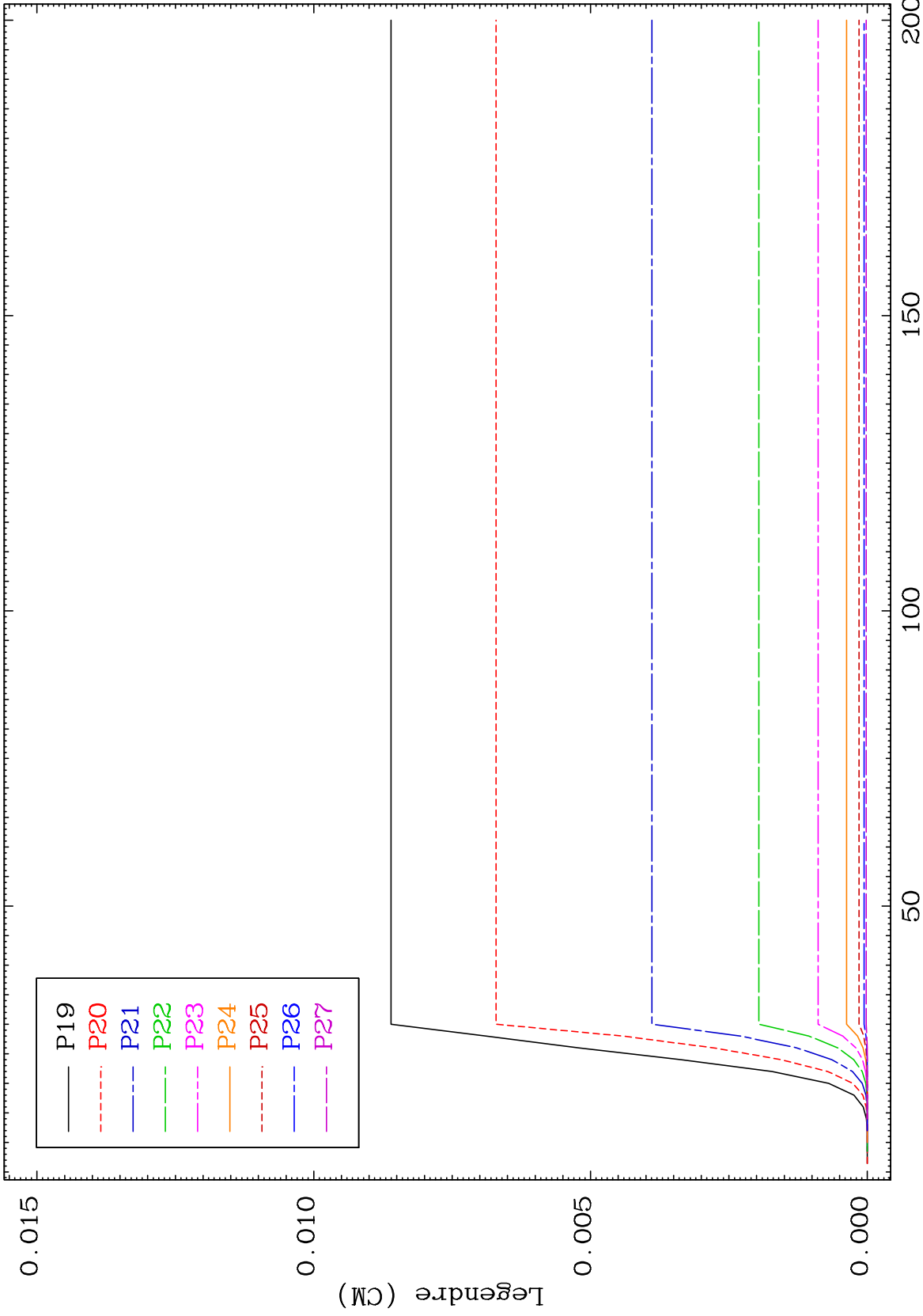
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



50

50

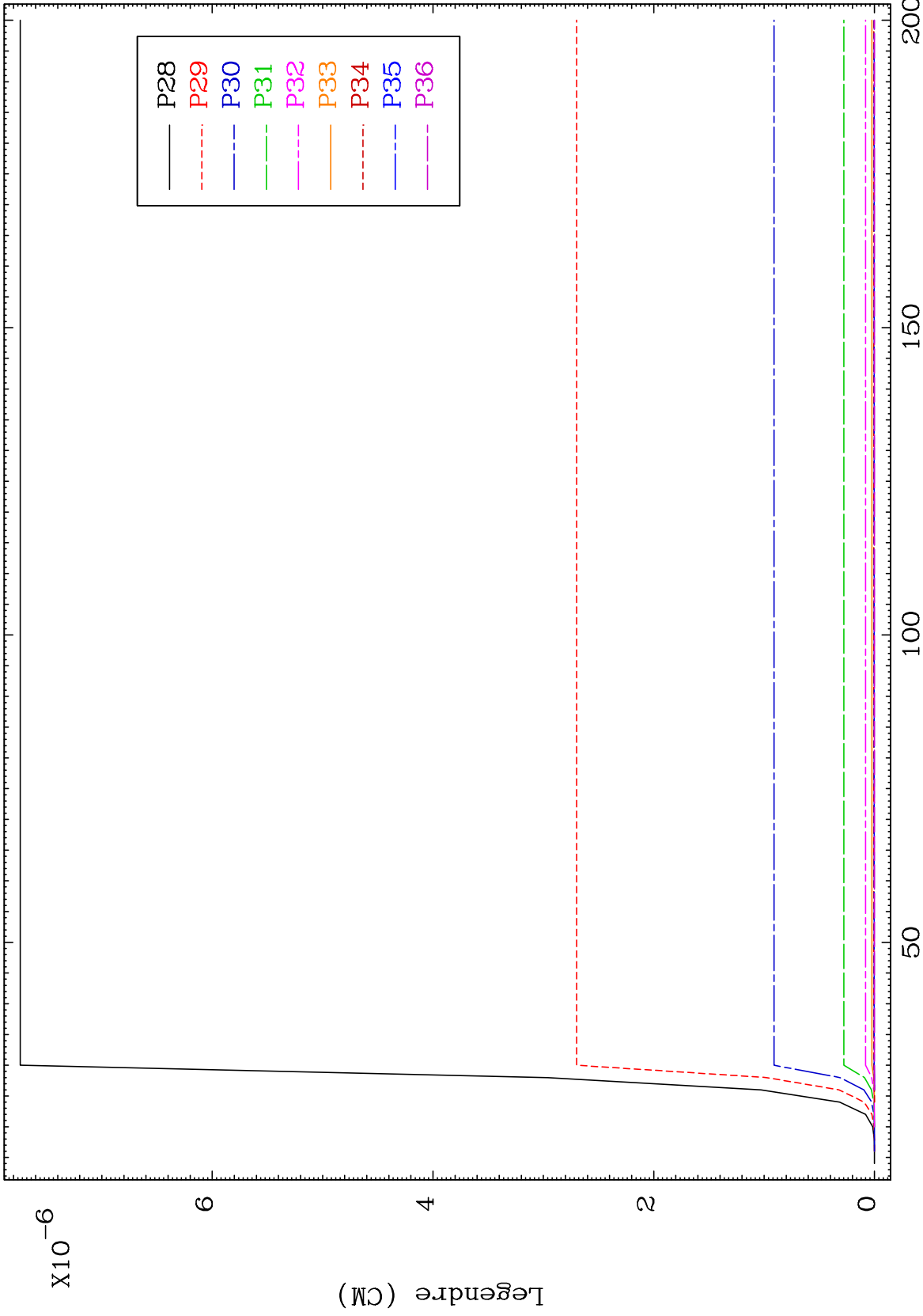
100

150

200

Incident Energy (MeV)

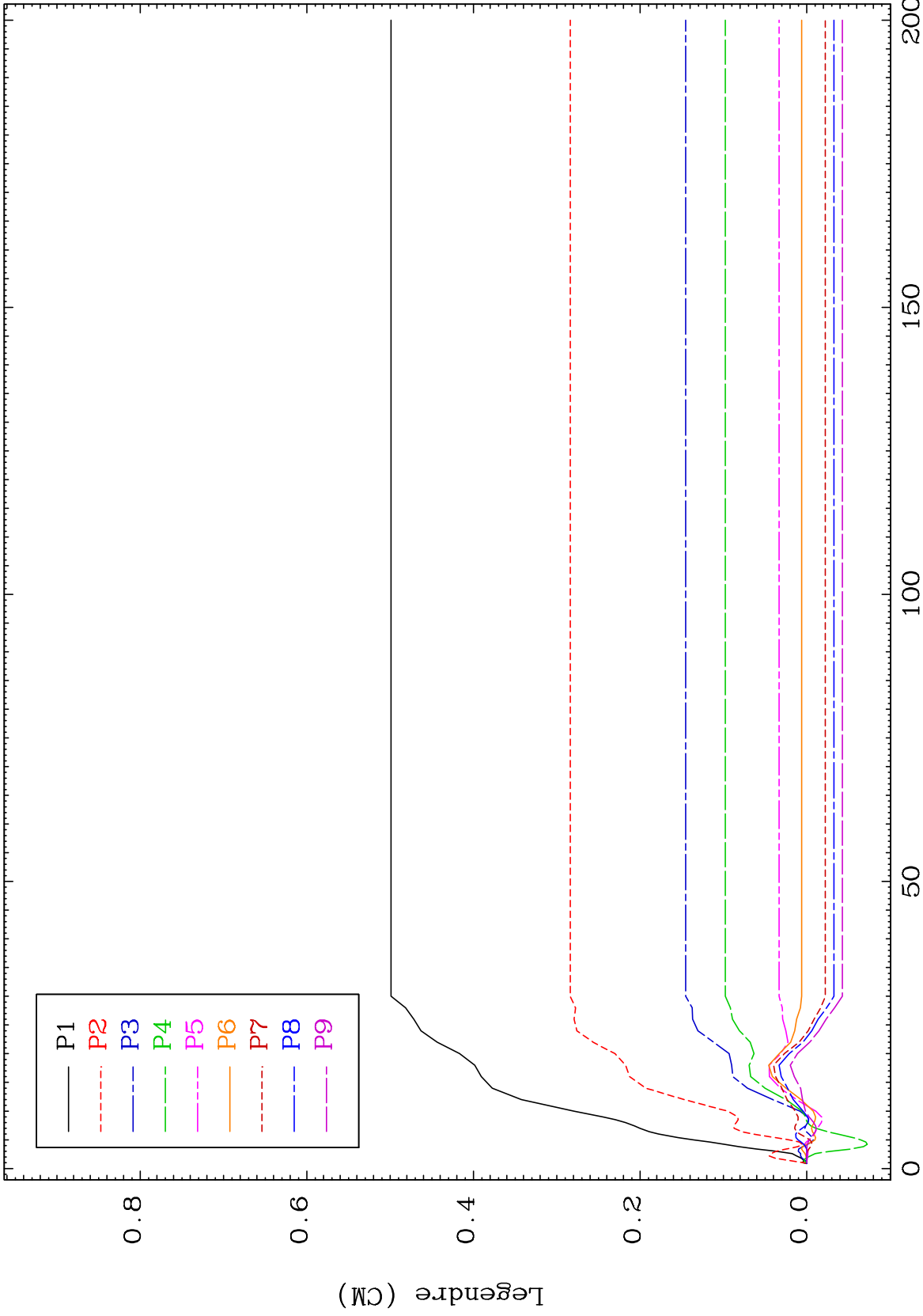
59-Pr-143



MAT 5931

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

59-Pr-143



52

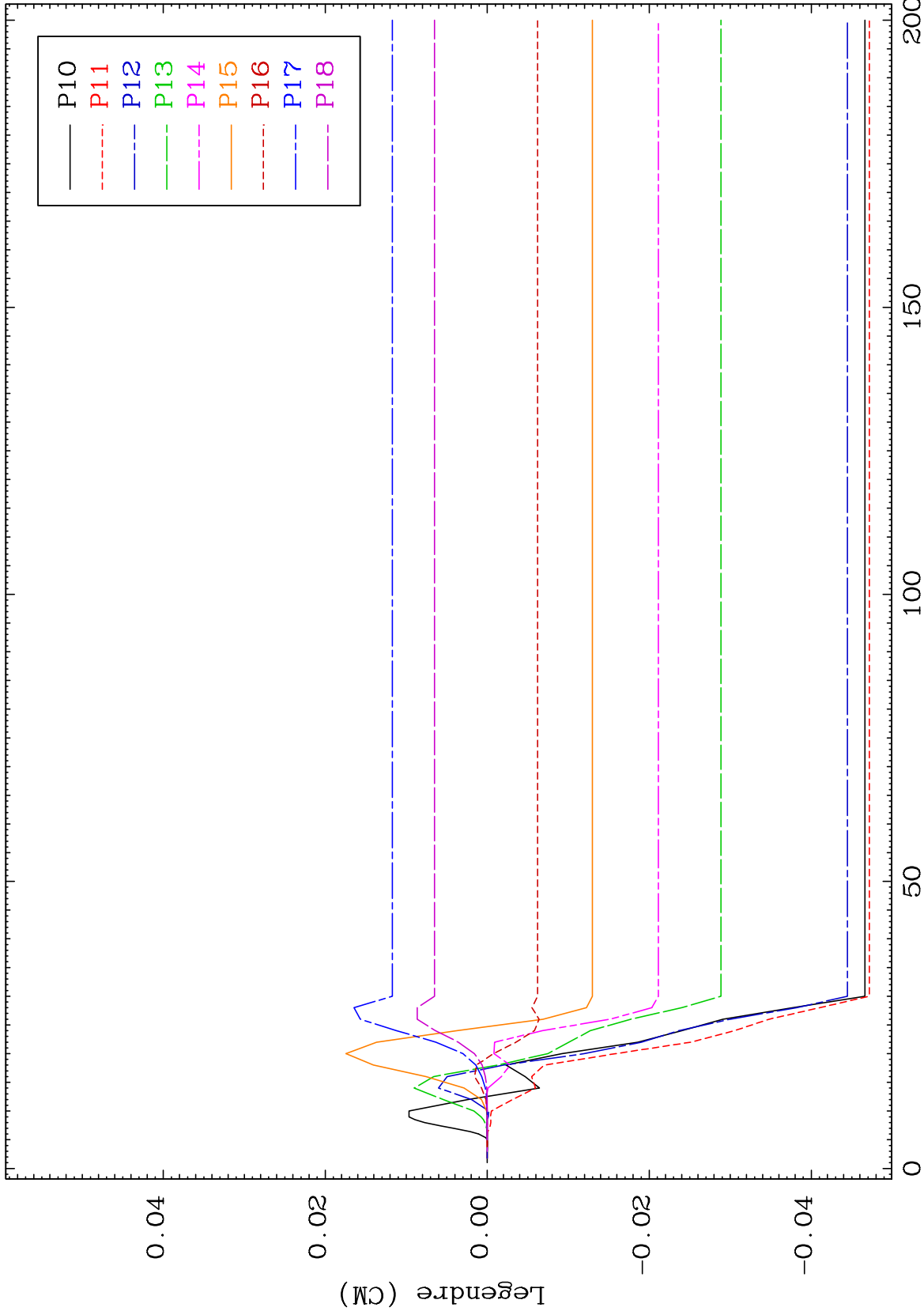
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

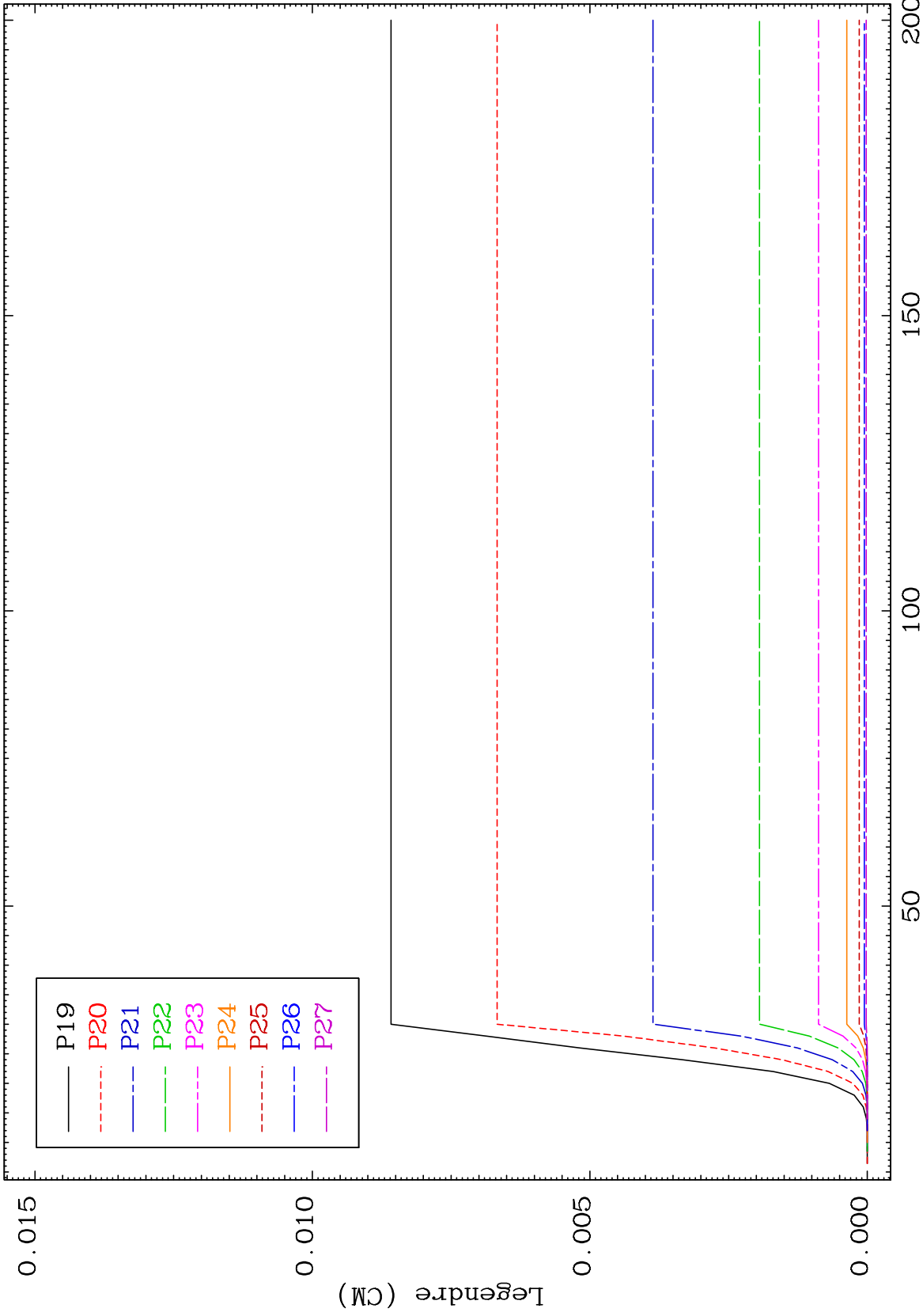
59-Pr-143



53

Incident Energy (MeV)

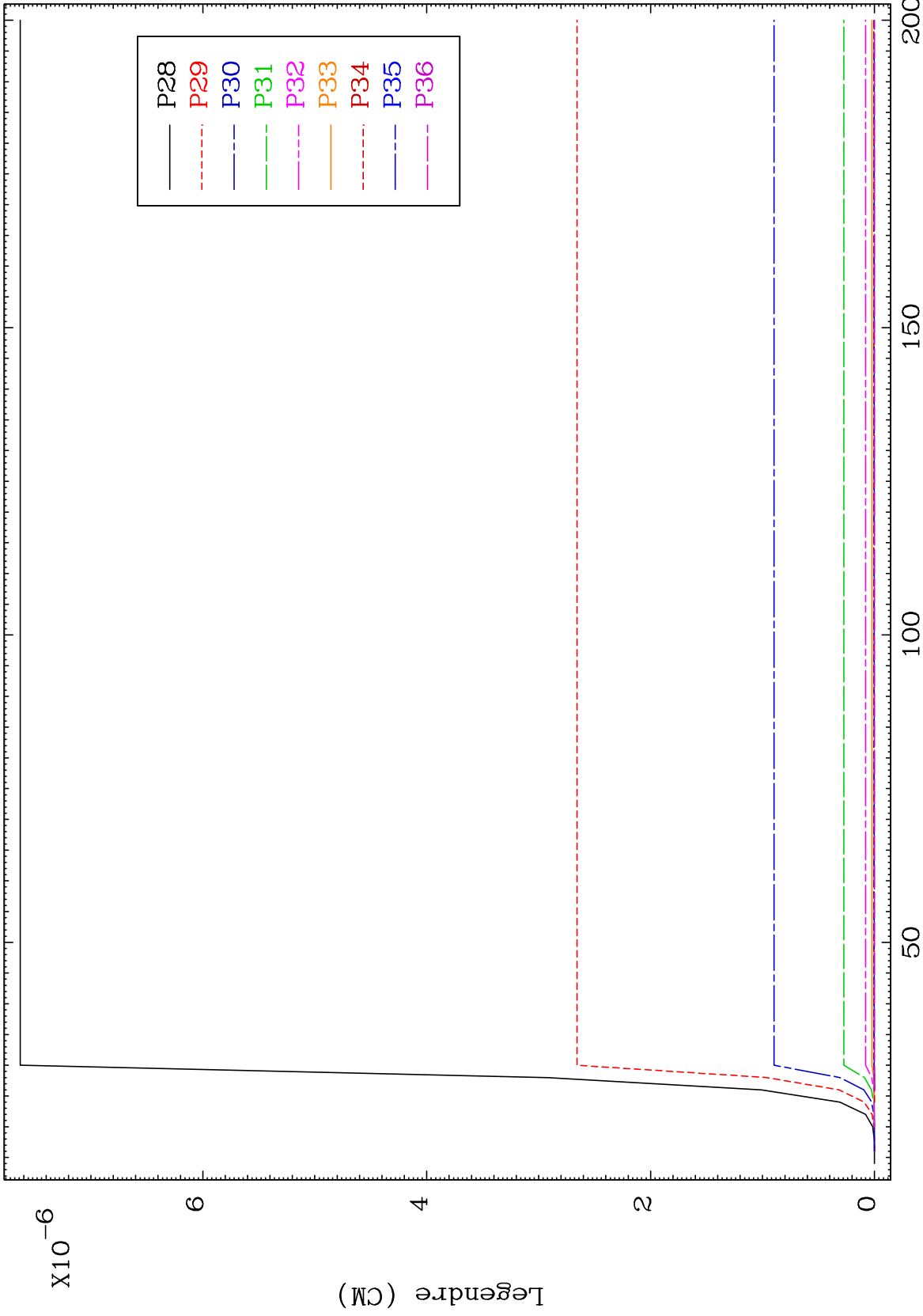
59-Pr-143



MAT 5931

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

59-Pr-143



55

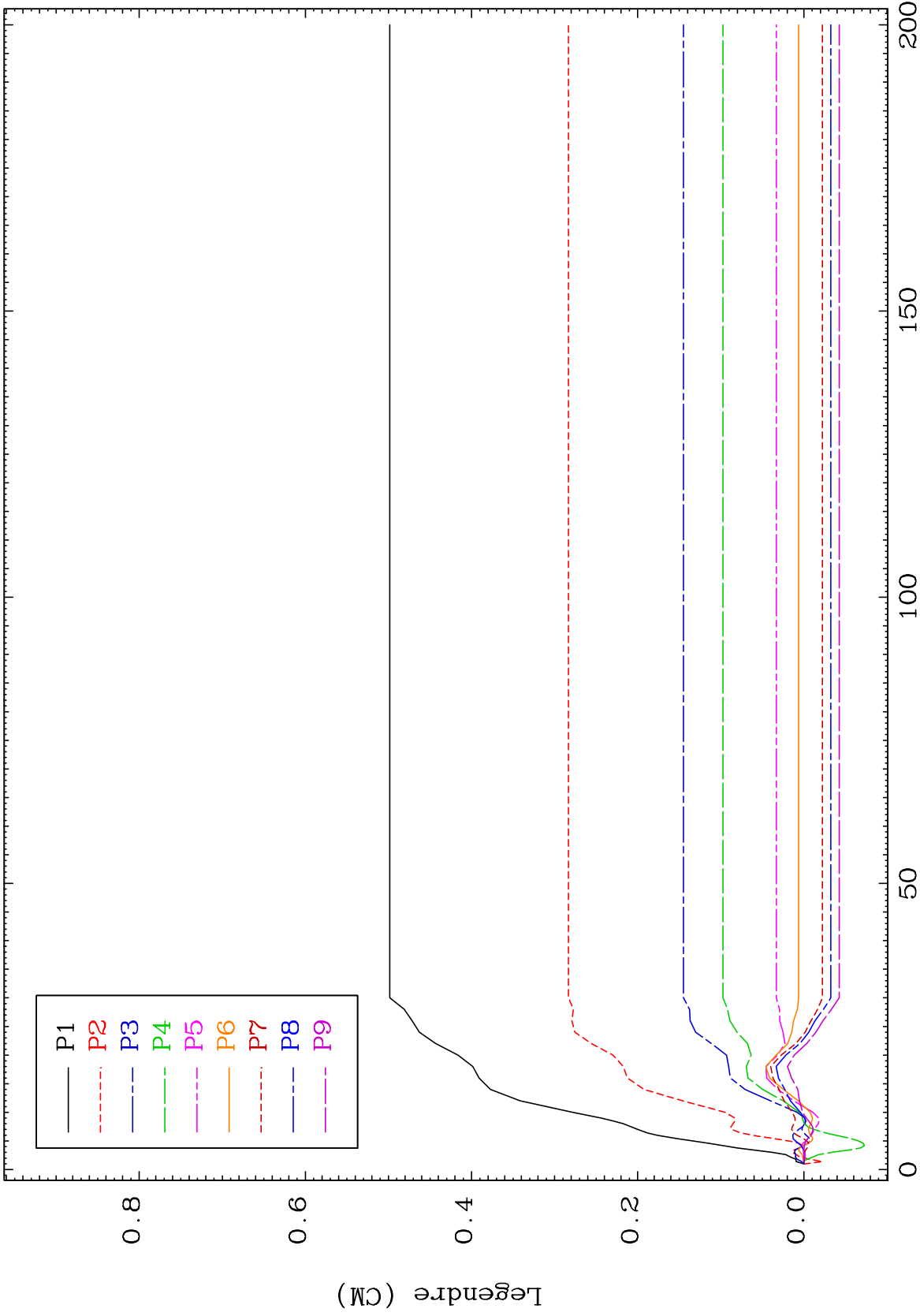
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



56

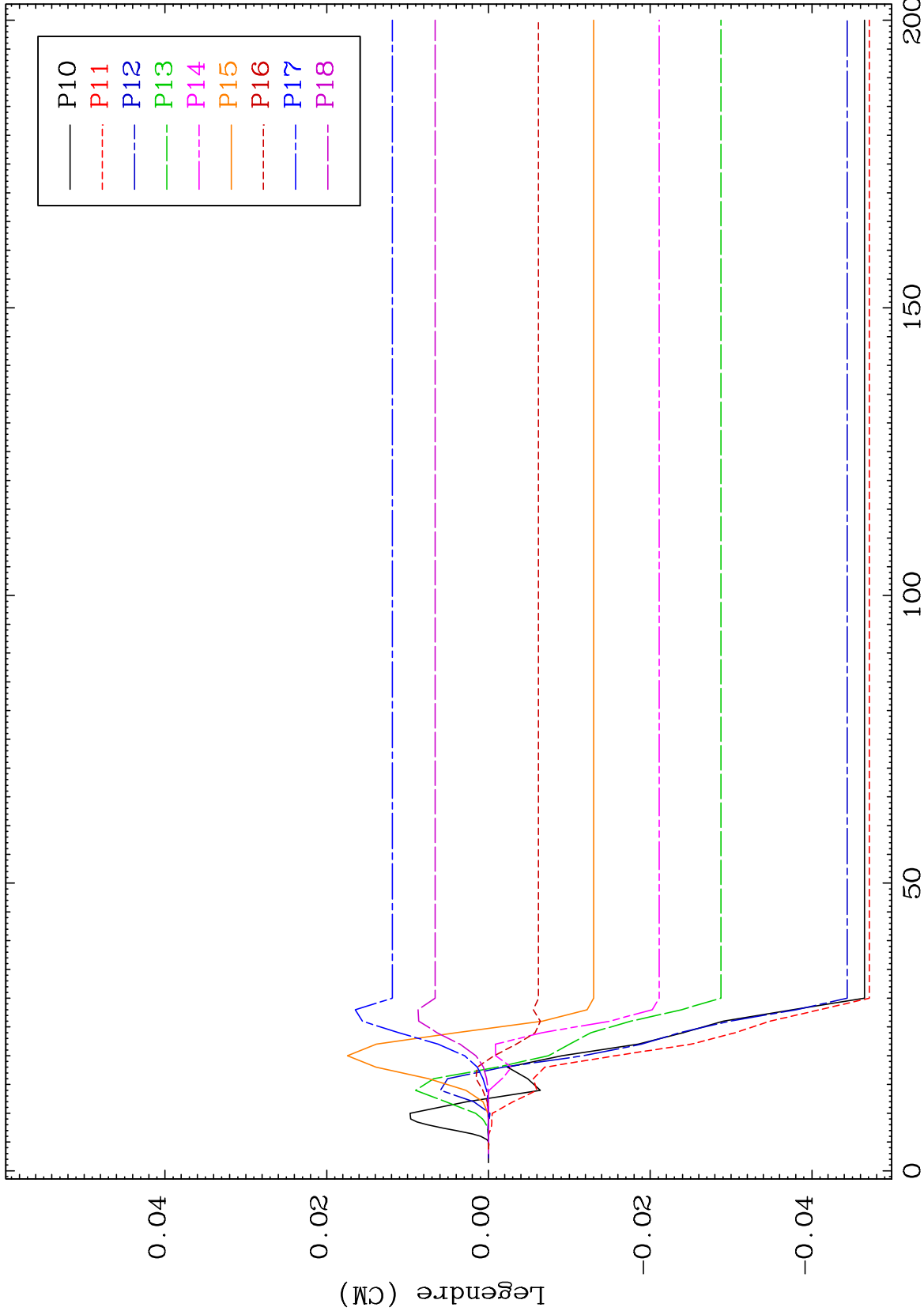
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



57

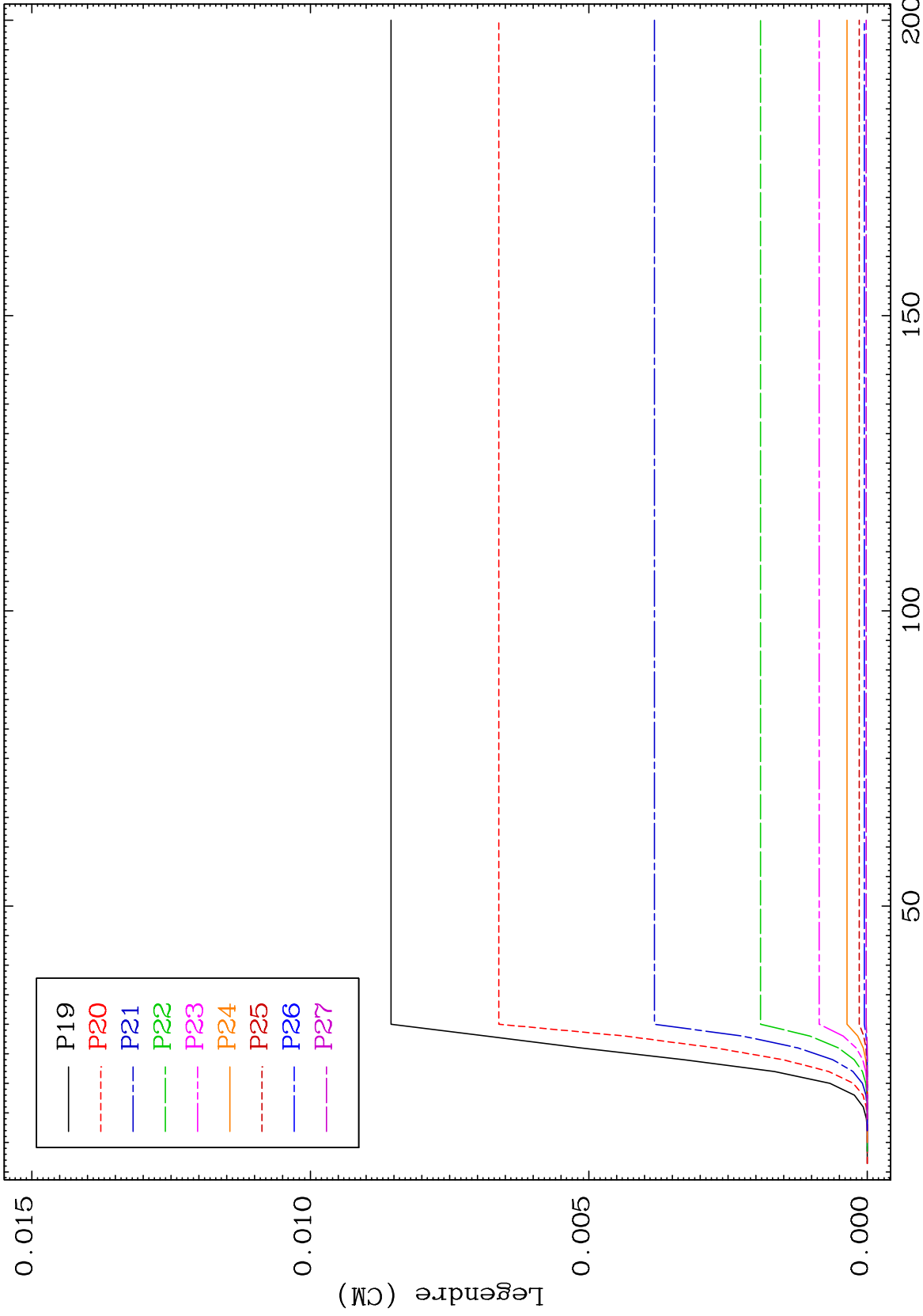
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



58

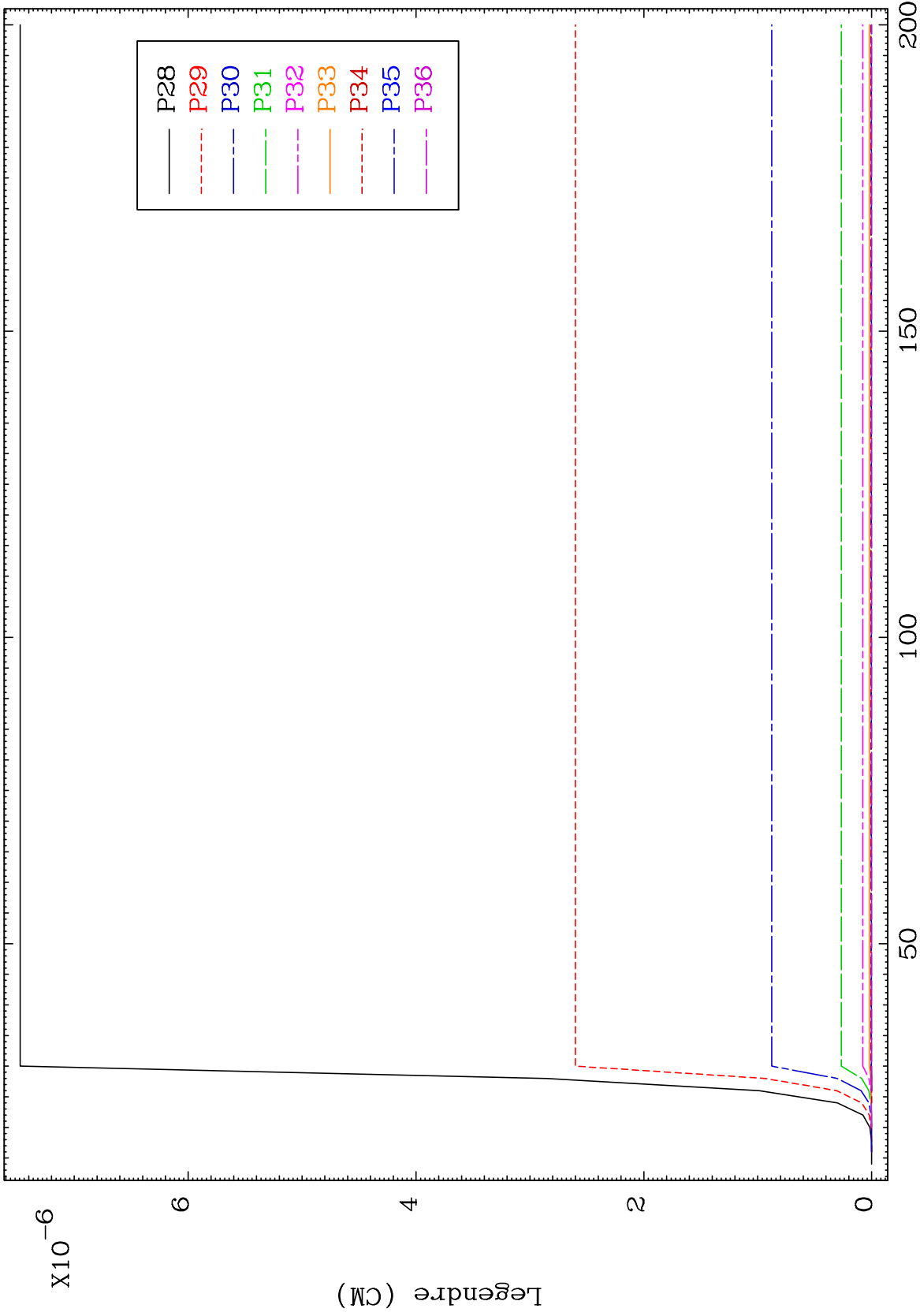
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



59

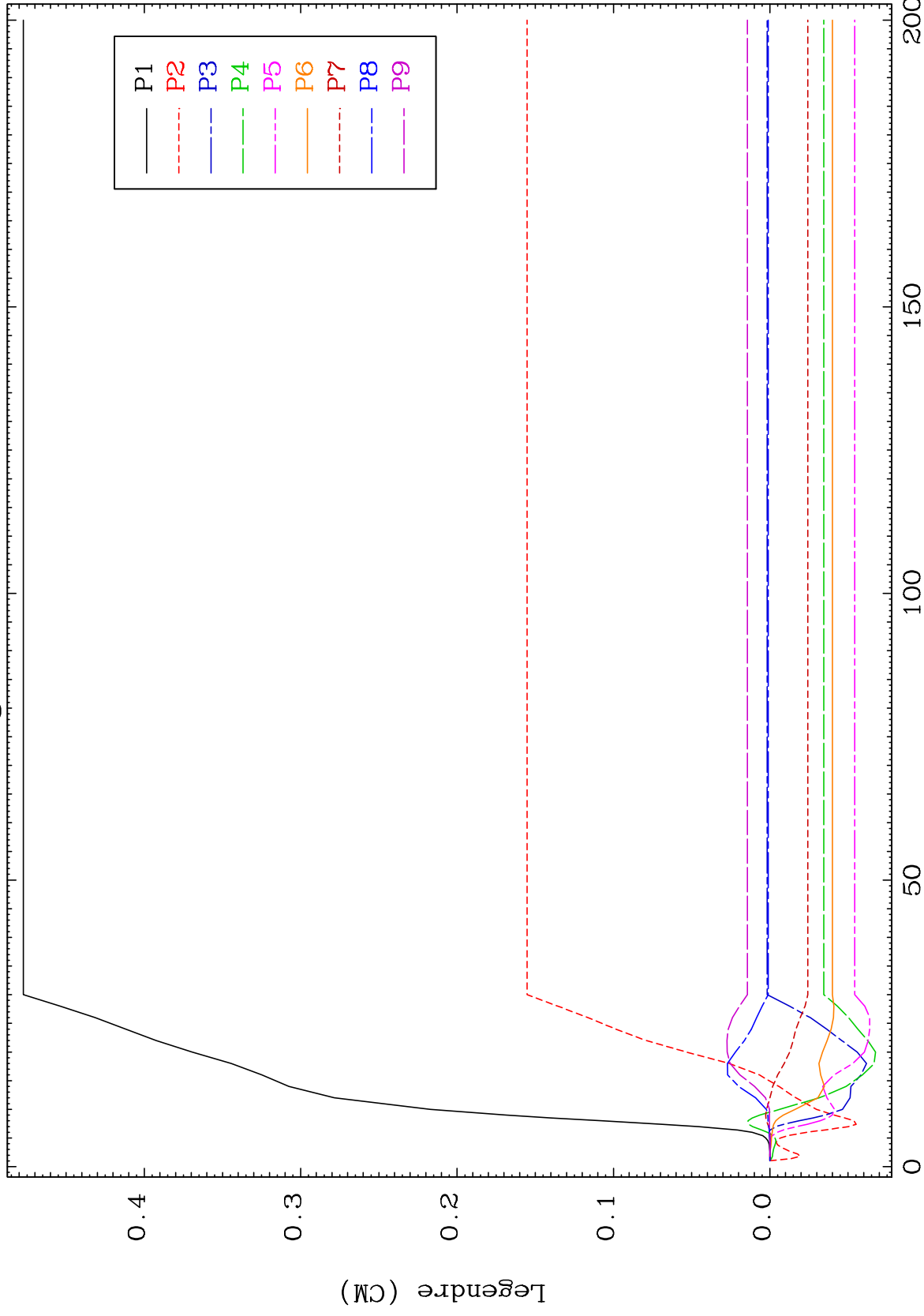
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



0

50

100

150

200

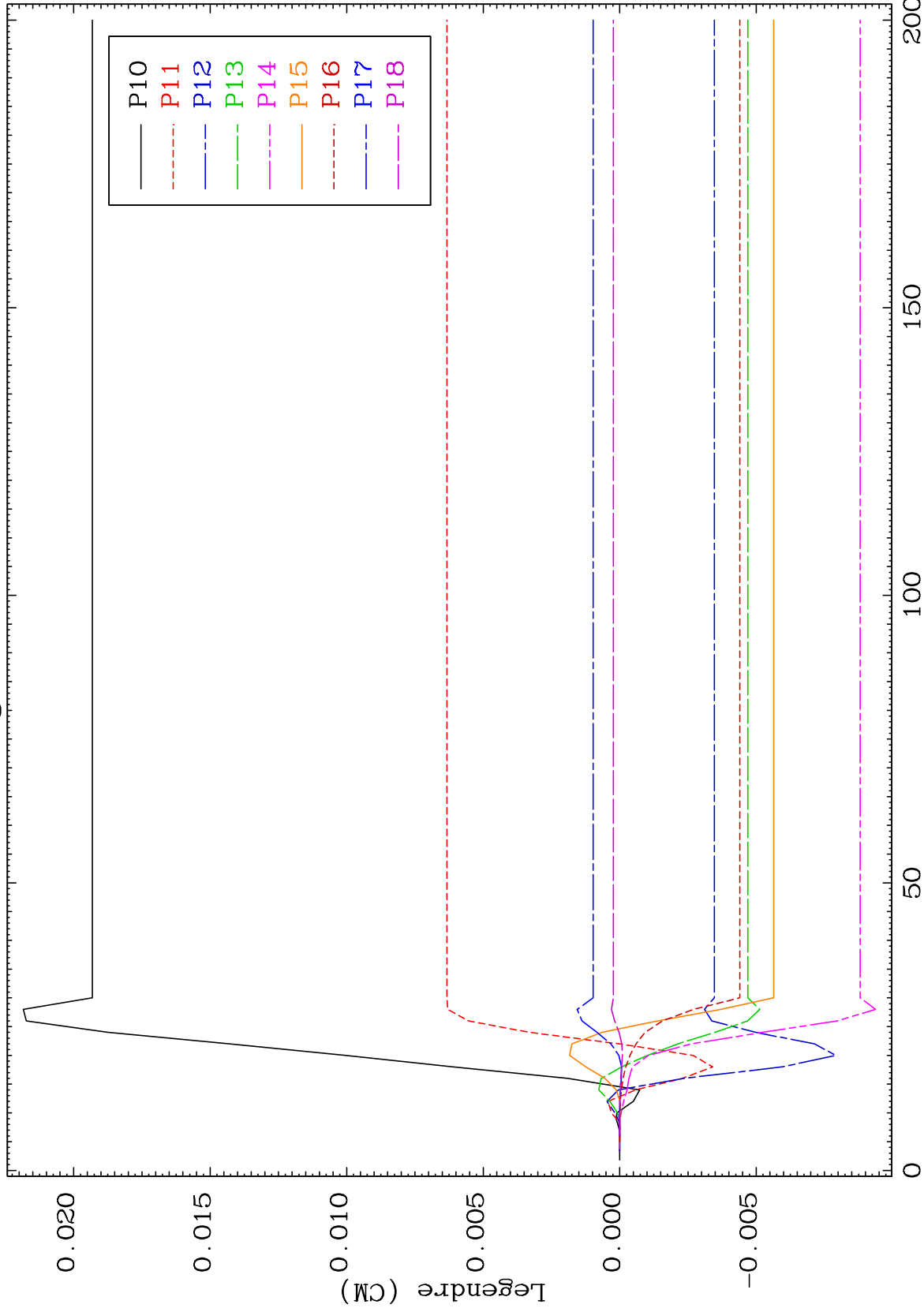
Incident Energy (MeV)

59-Pr-143

MAT 5931

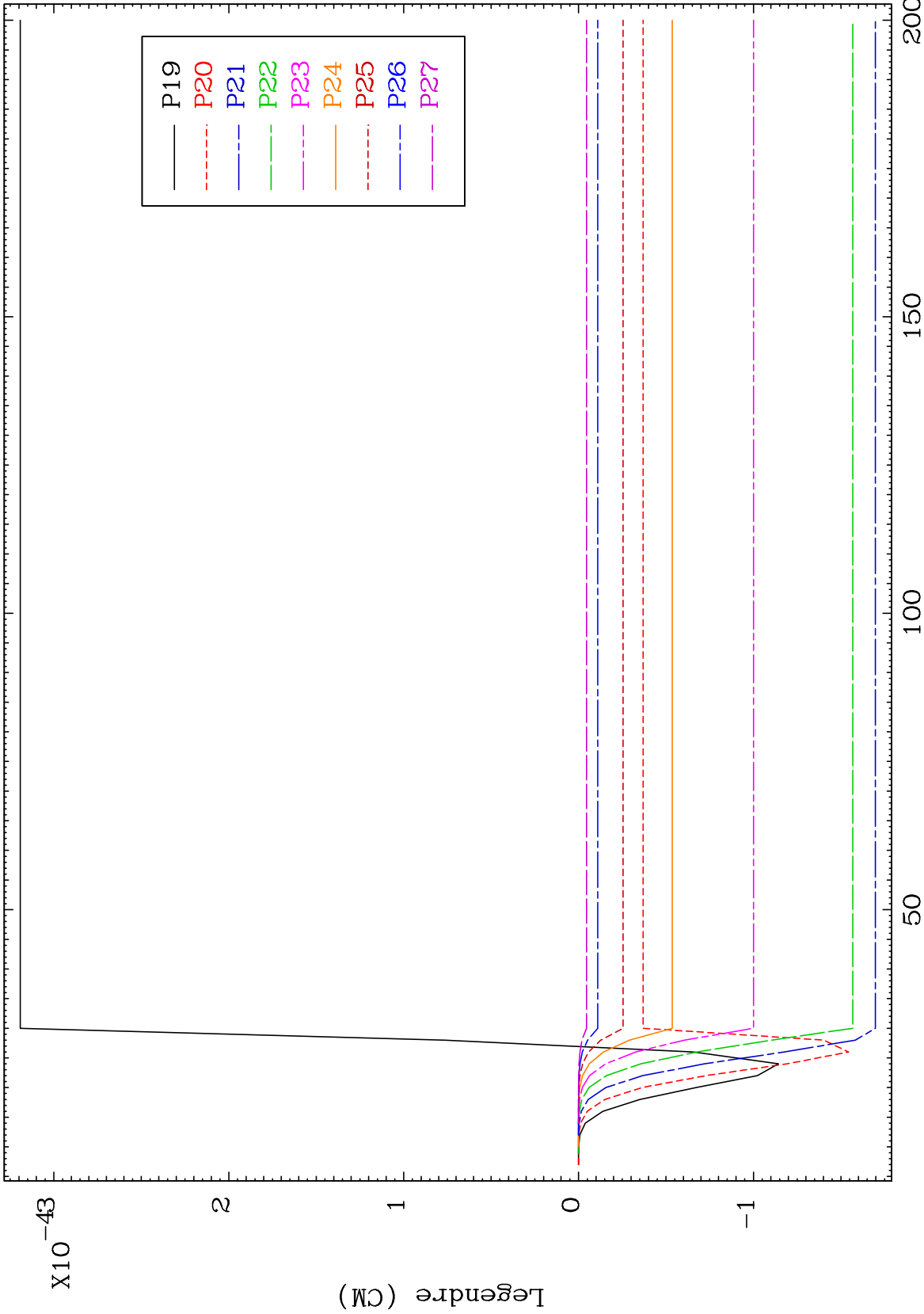
MT= 61 (n,n') Level
Legendre Coefficients

59-Pr-143



61

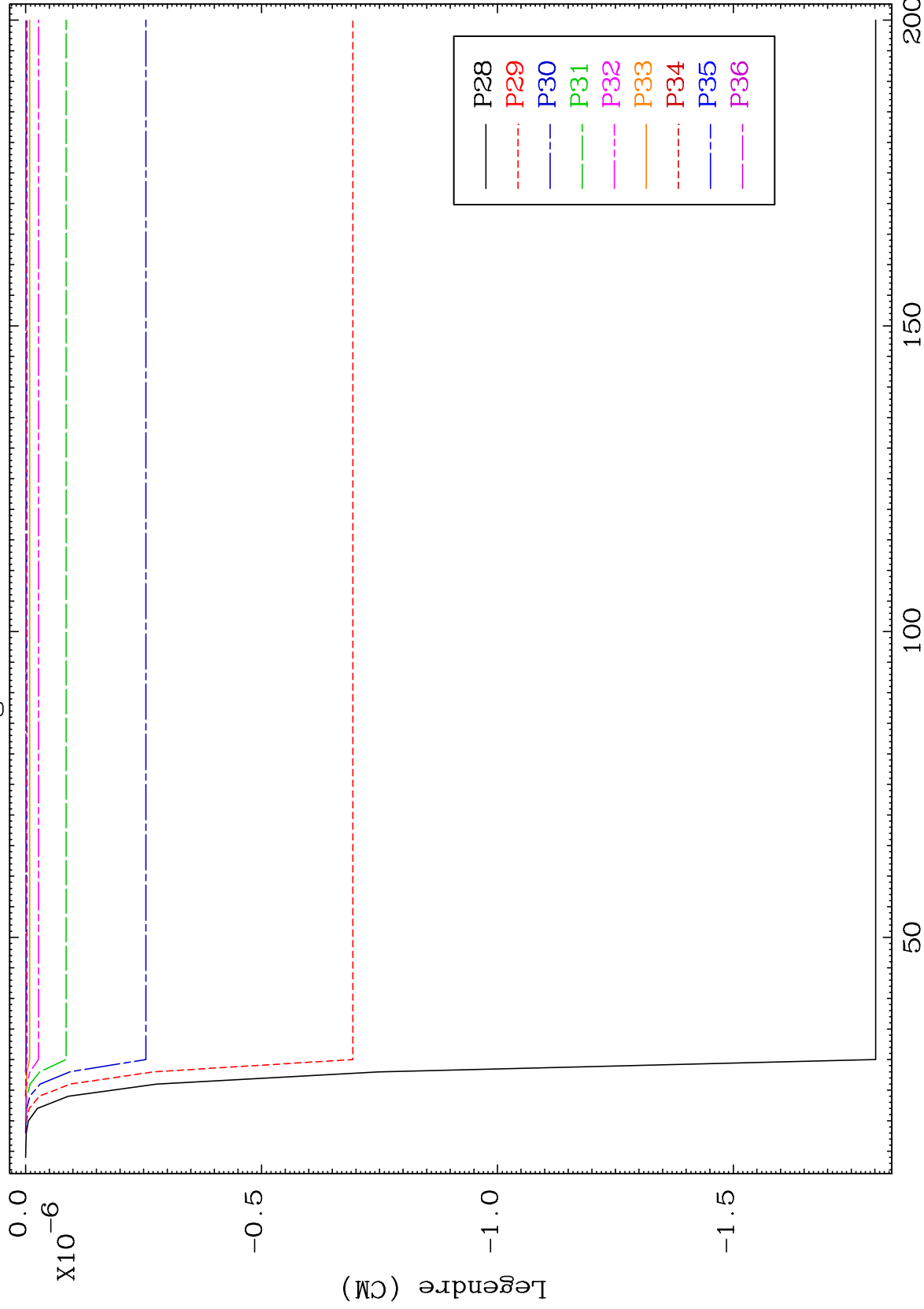
59-Pr-143



MAT 5931

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

59-Pr-143



63

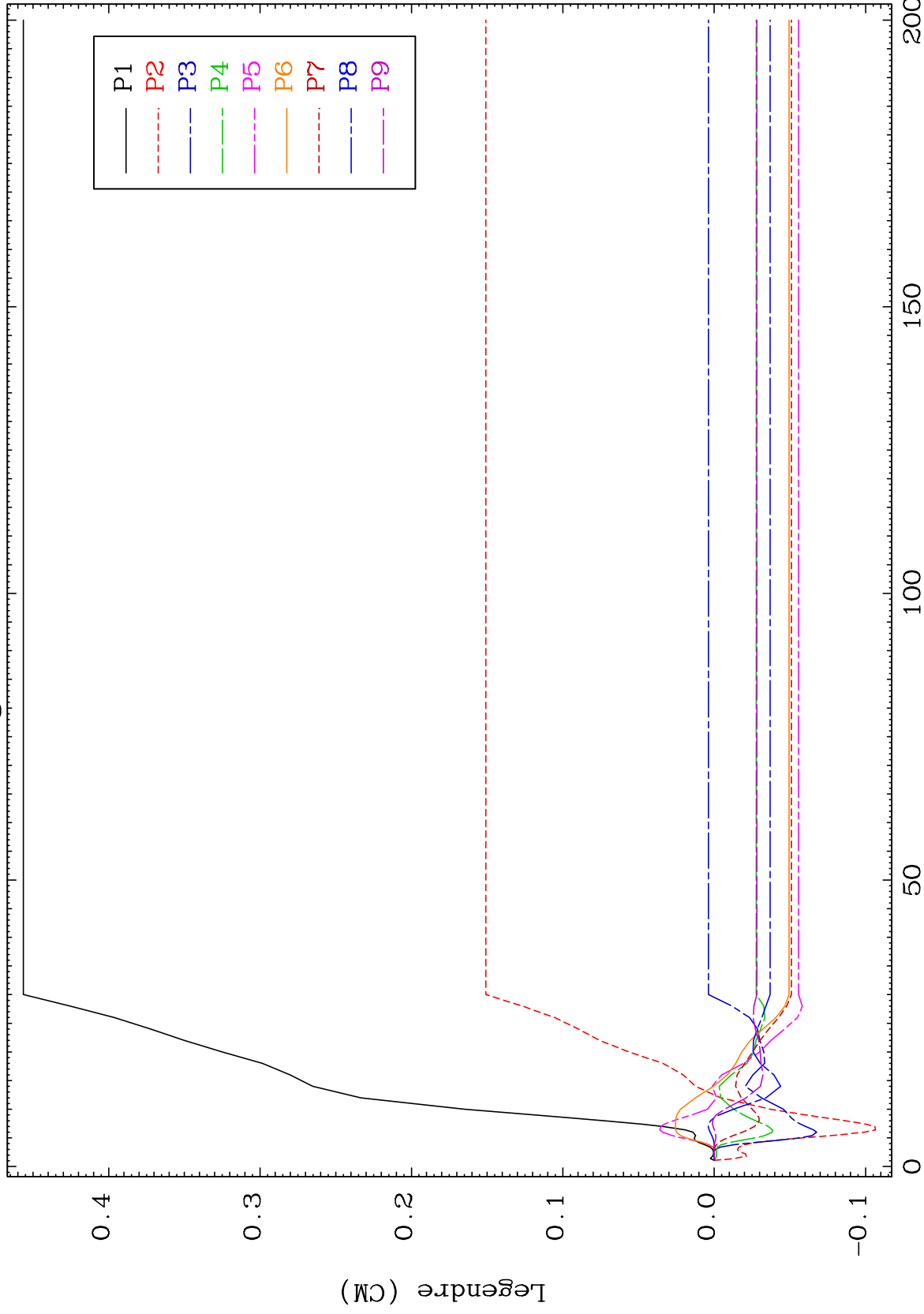
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



64

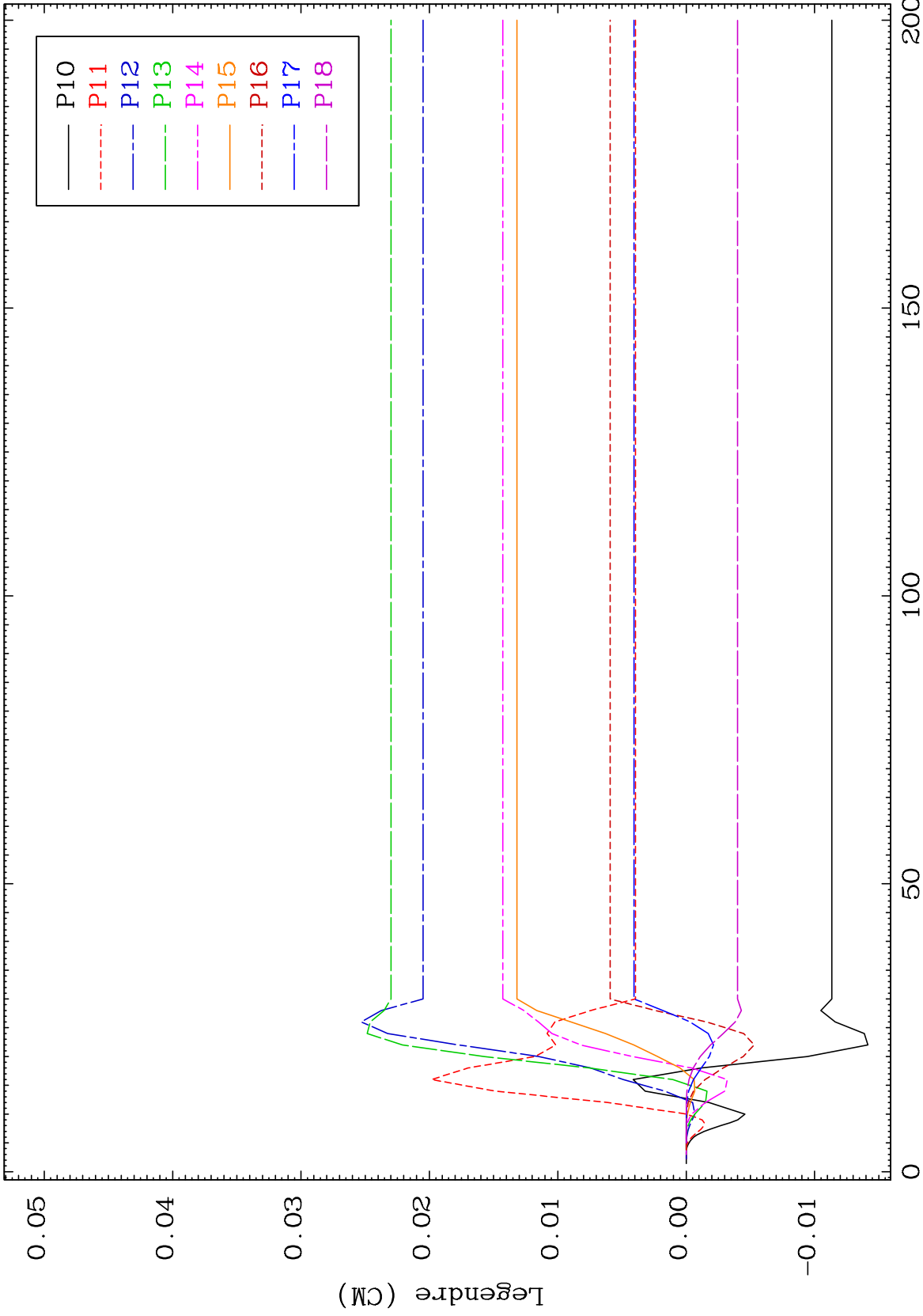
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

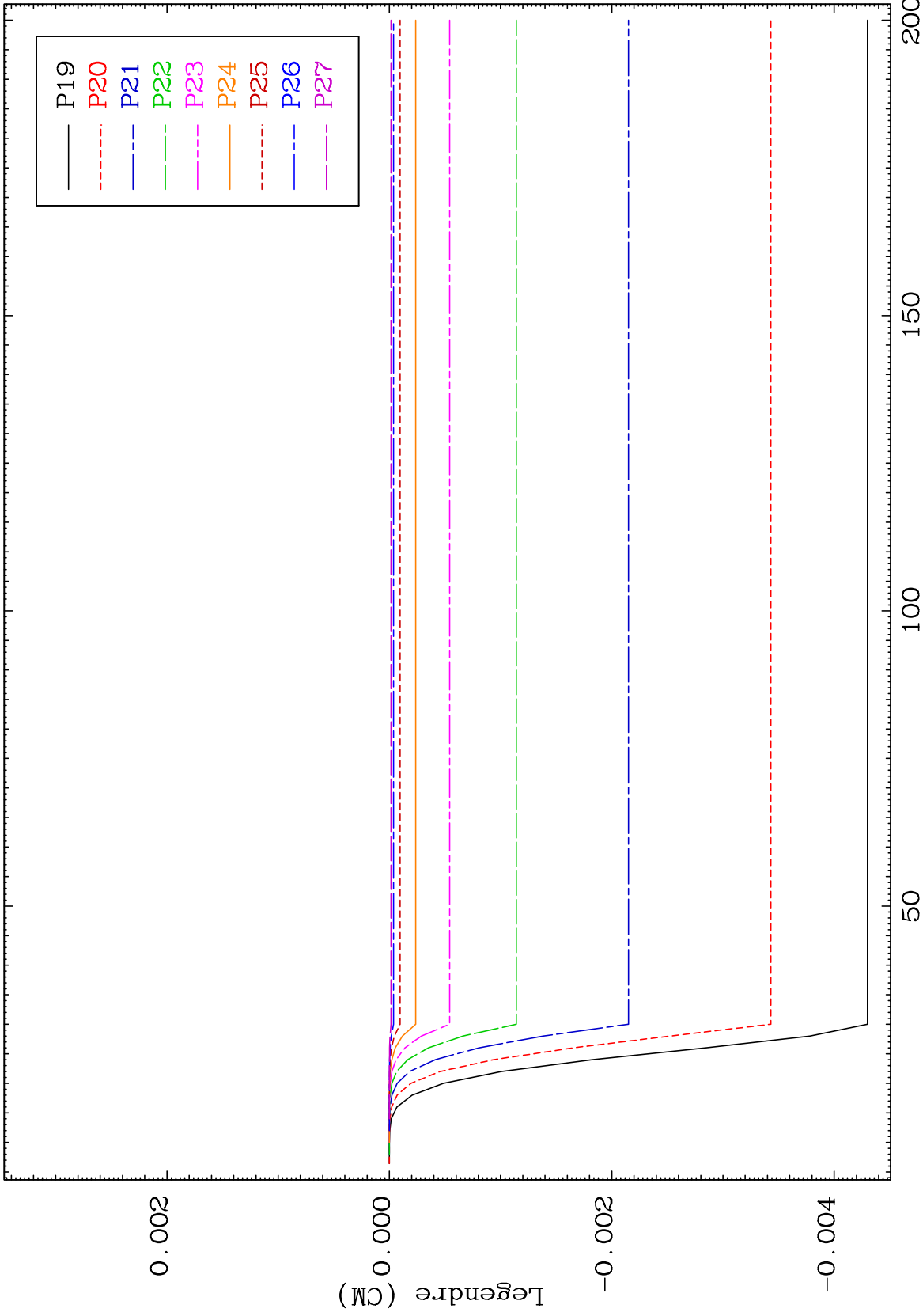
59-Pr-143



65

Incident Energy (MeV)

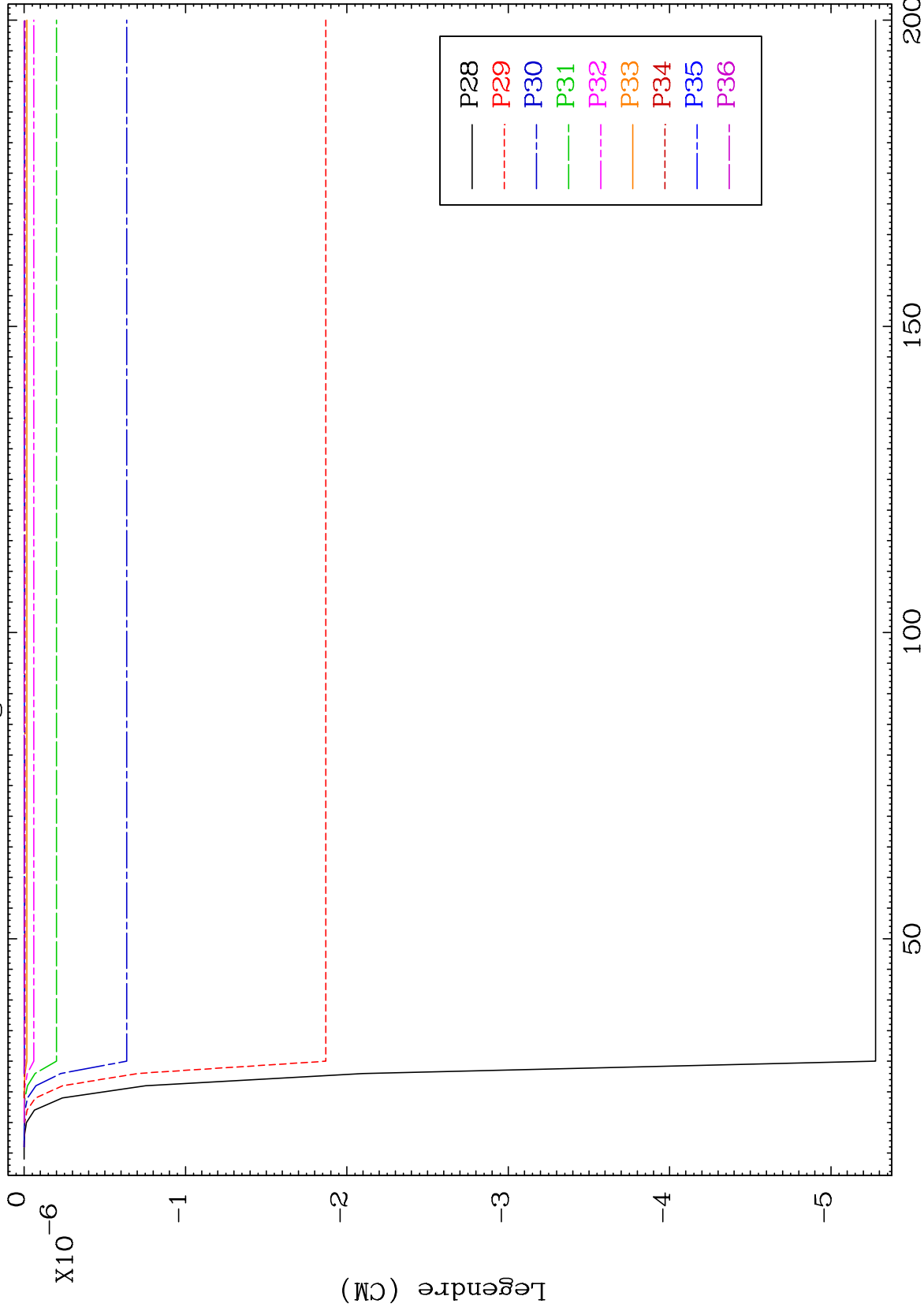
59-Pr-143



MAT 5931

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

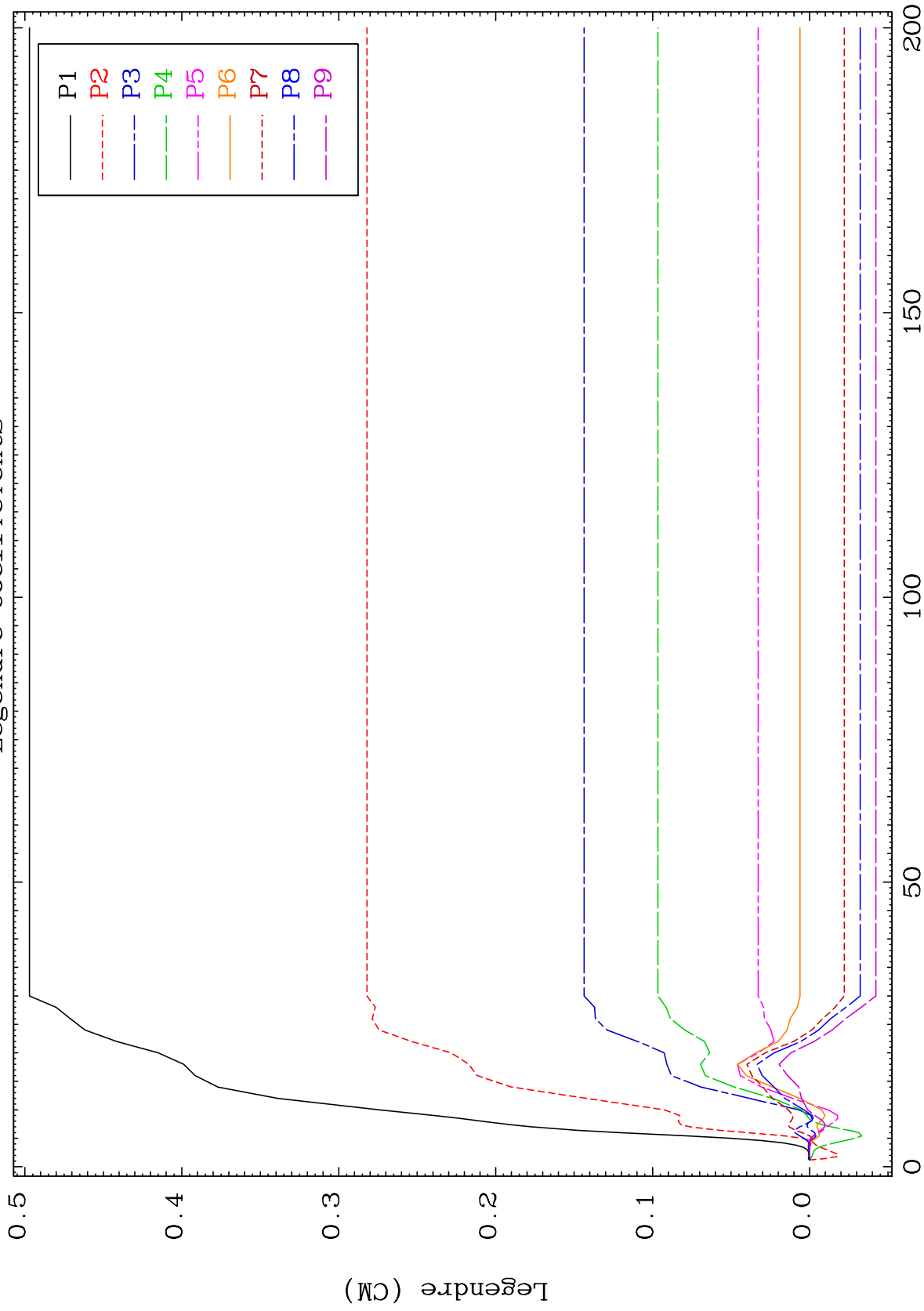
59-Pr-143



MAT 5931

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

59-Pr-143



68

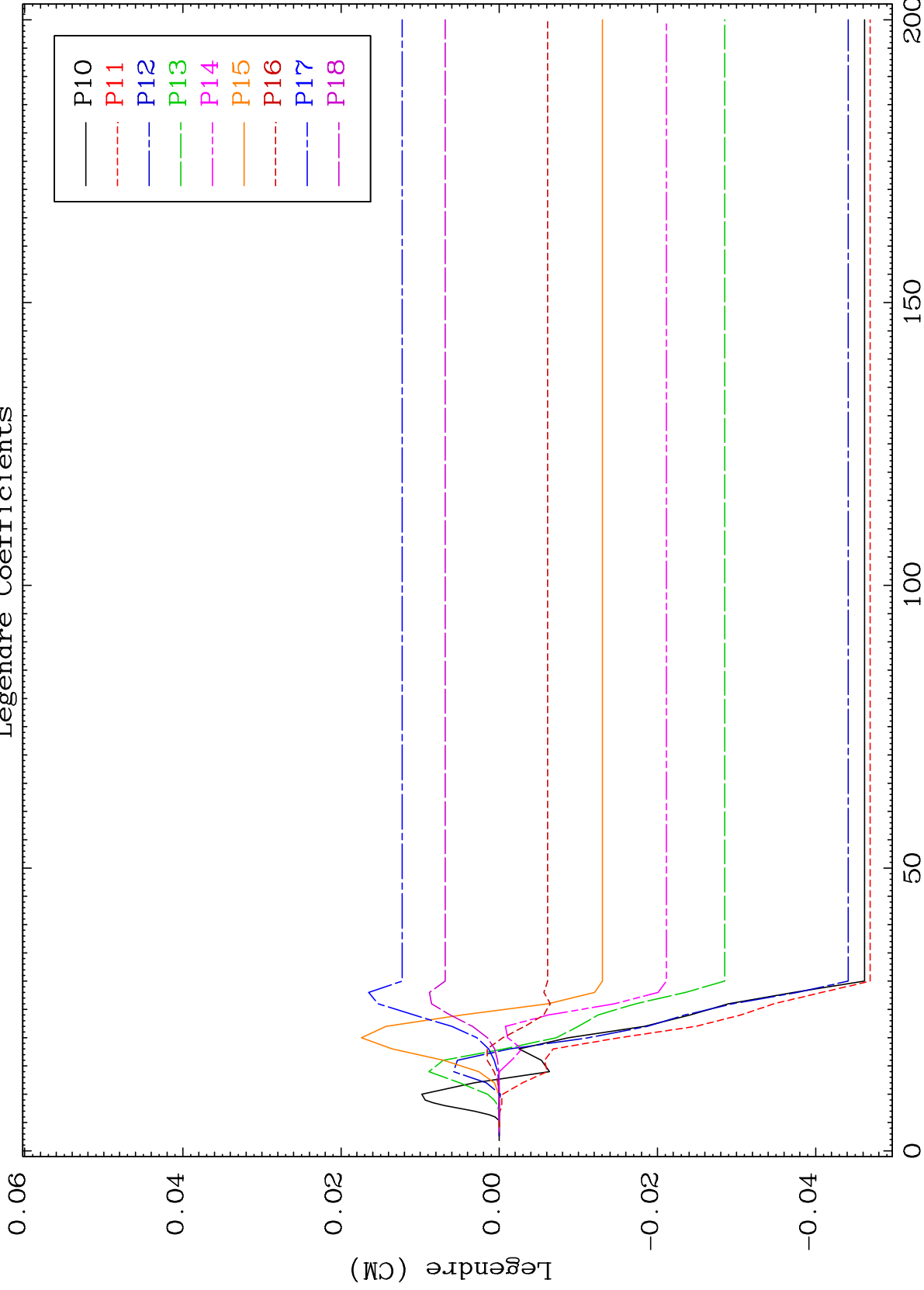
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



69

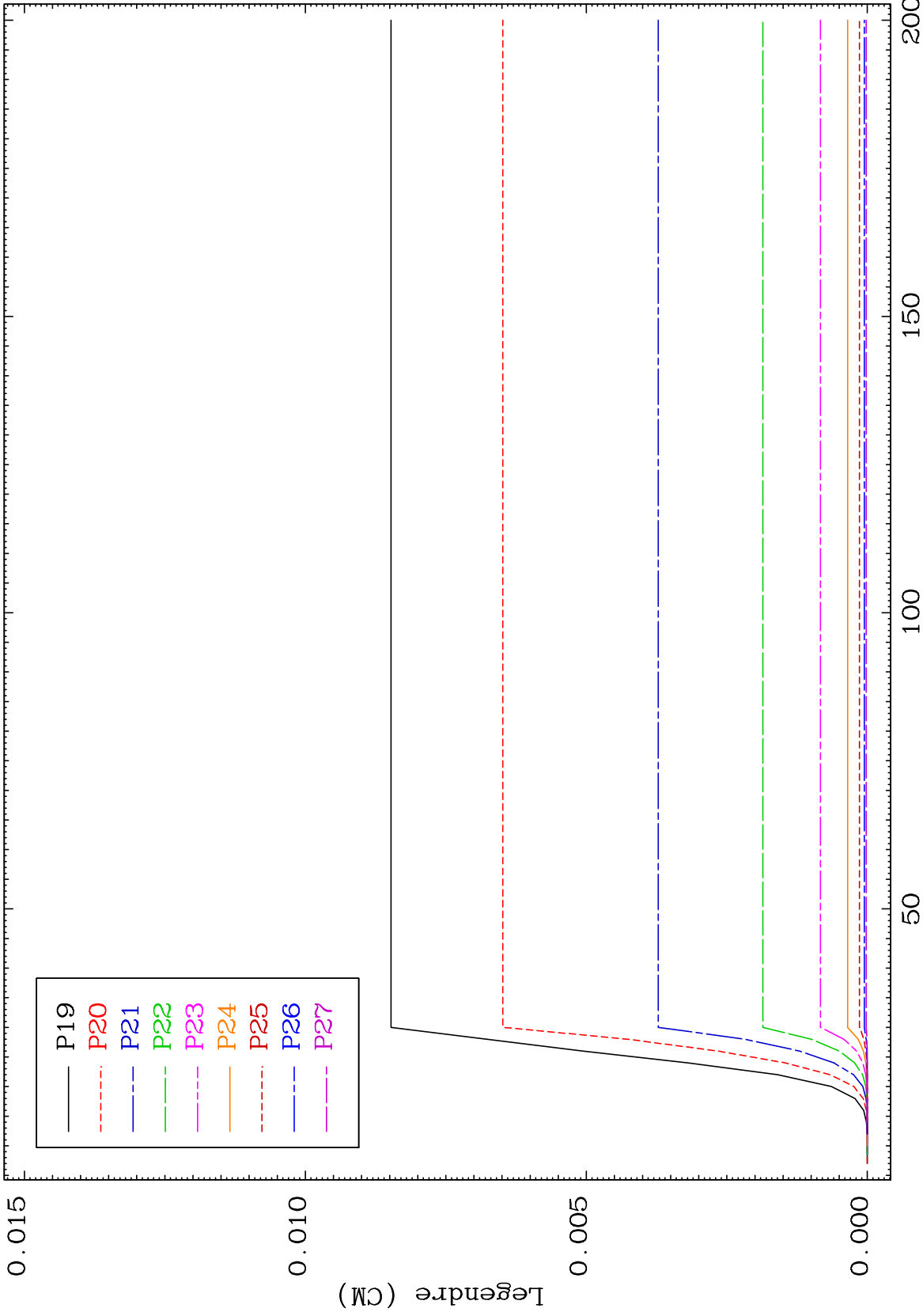
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

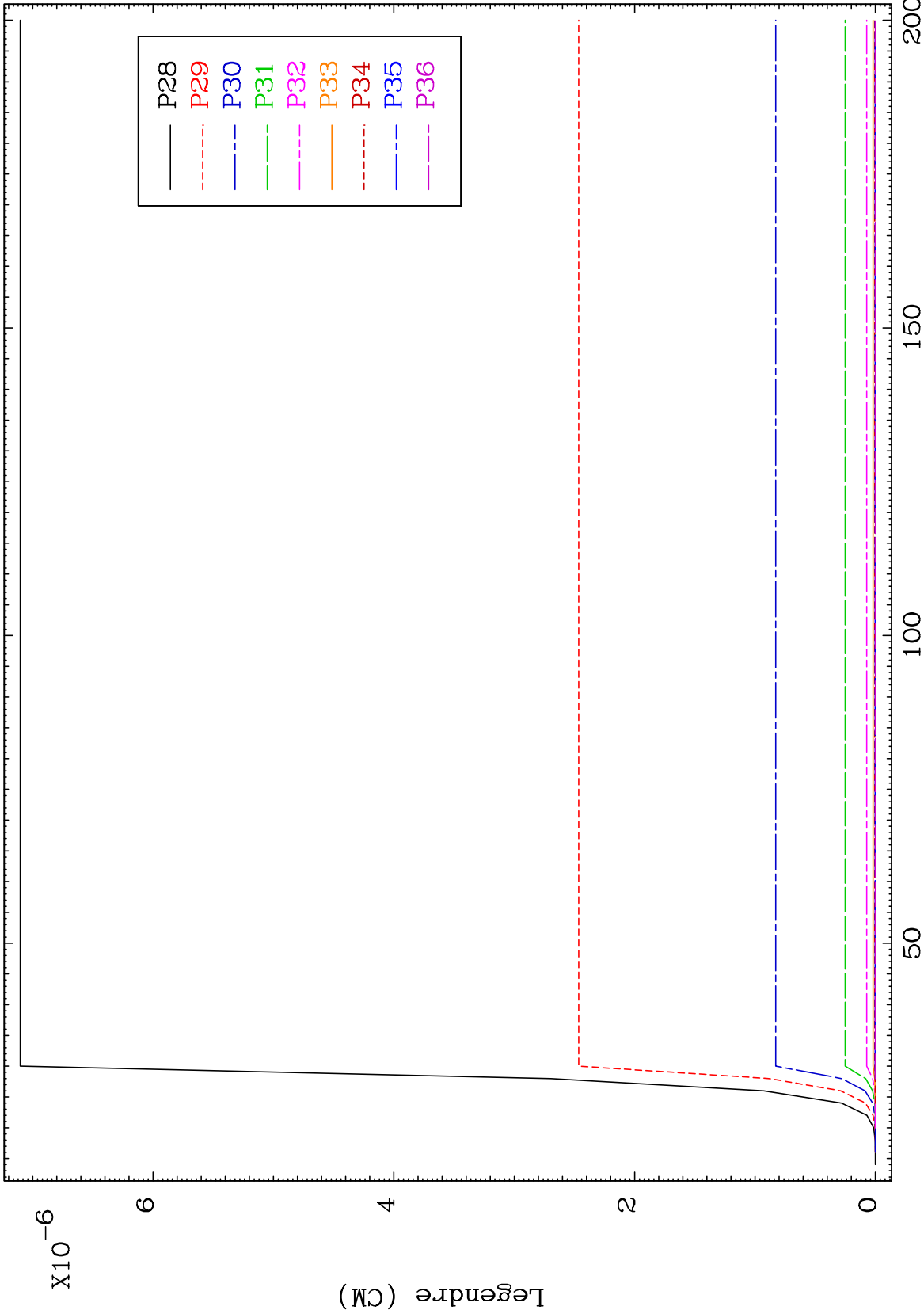
59-Pr-143



70

Incident Energy (MeV)

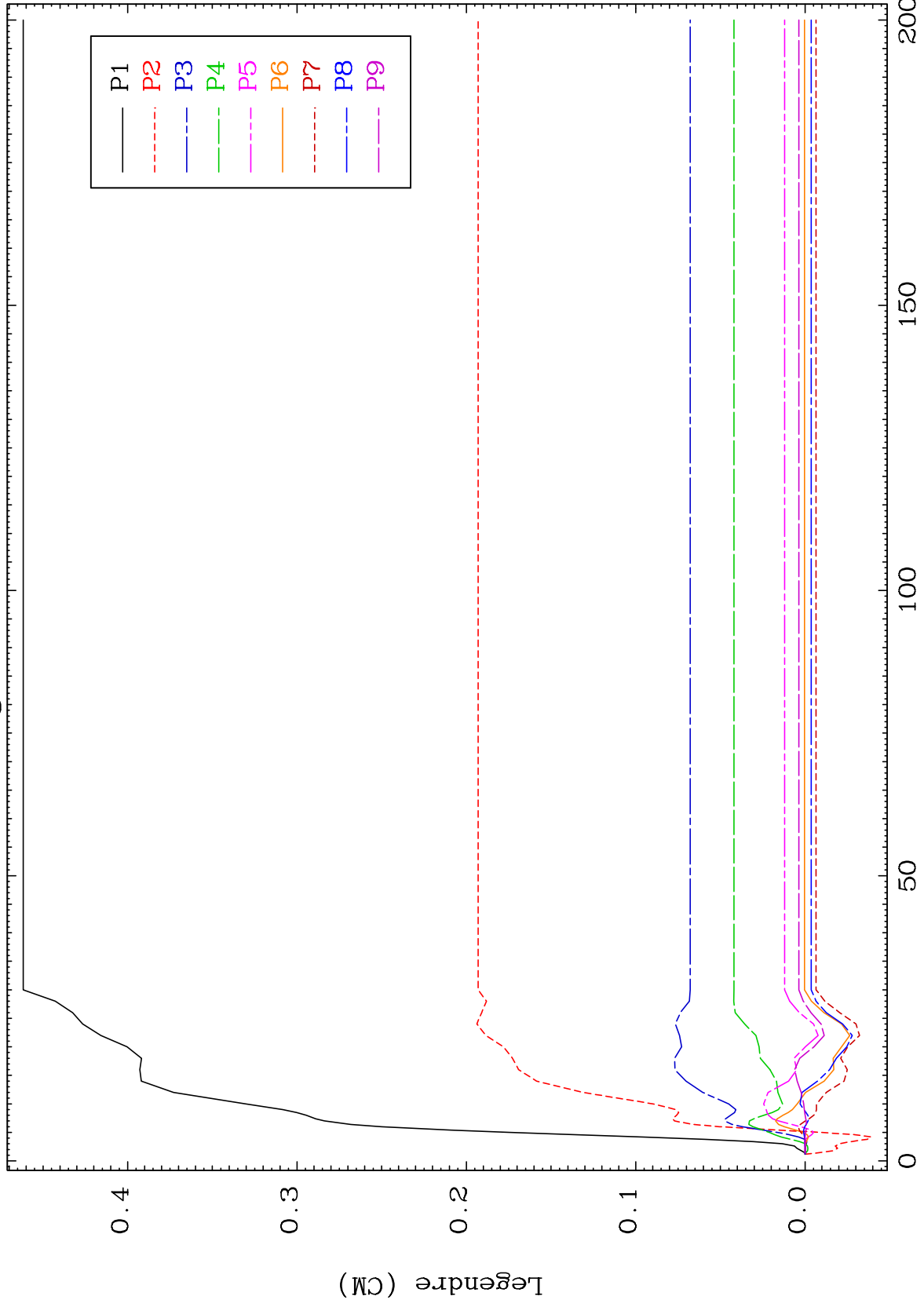
59-Pr-143



MAT 5931

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

59-Pr-143



72

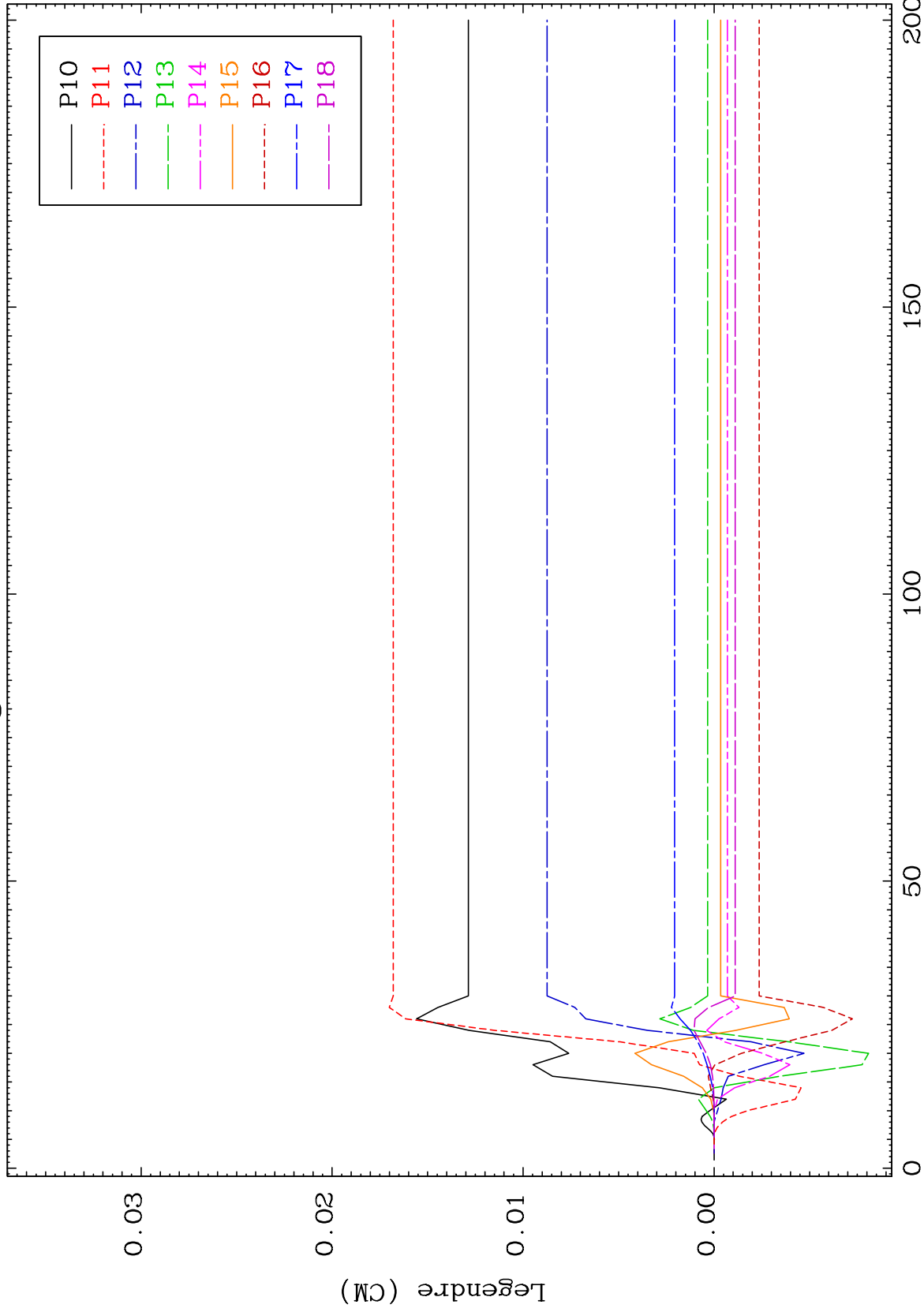
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

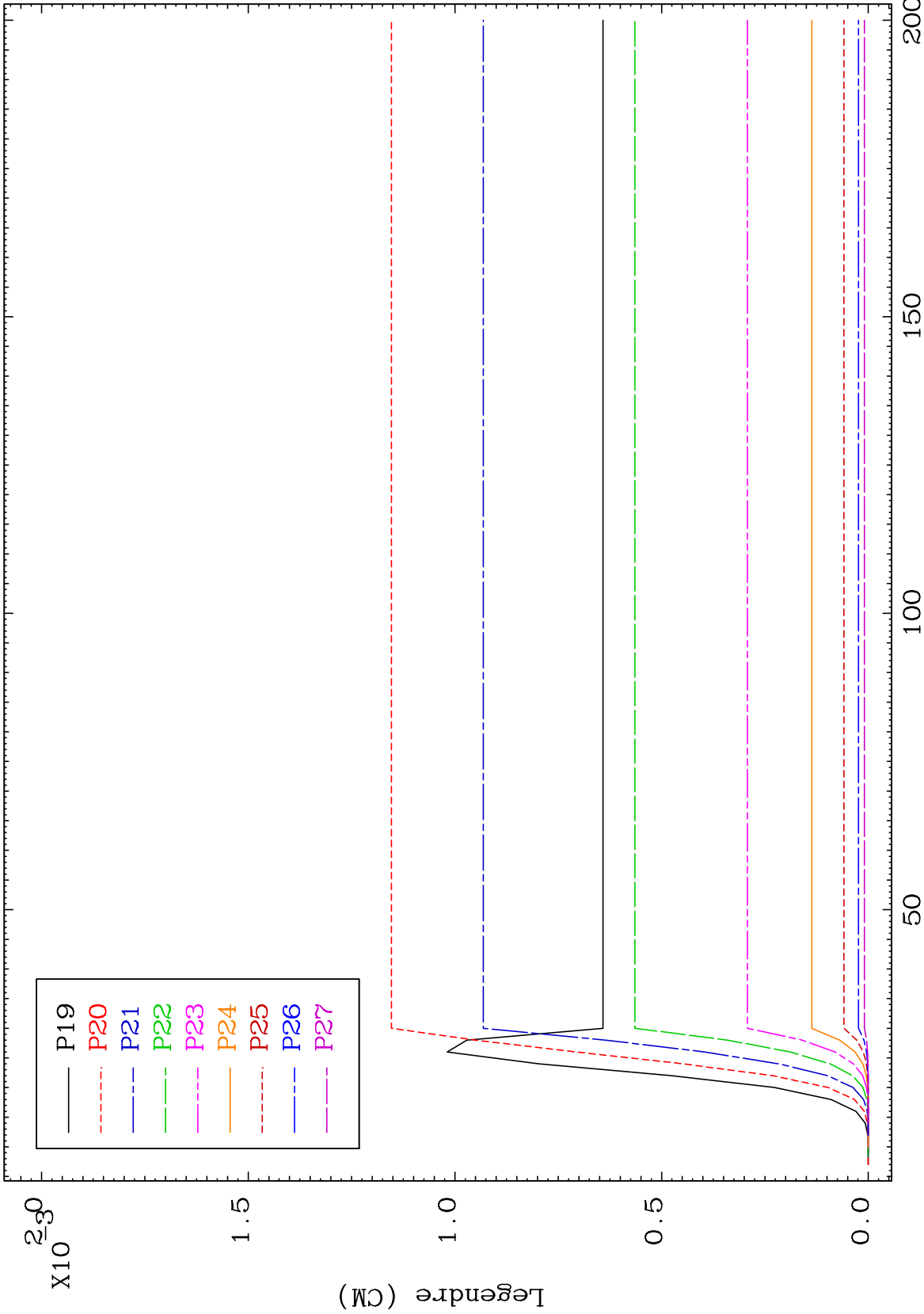
59-Pr-143



73

Incident Energy (MeV)

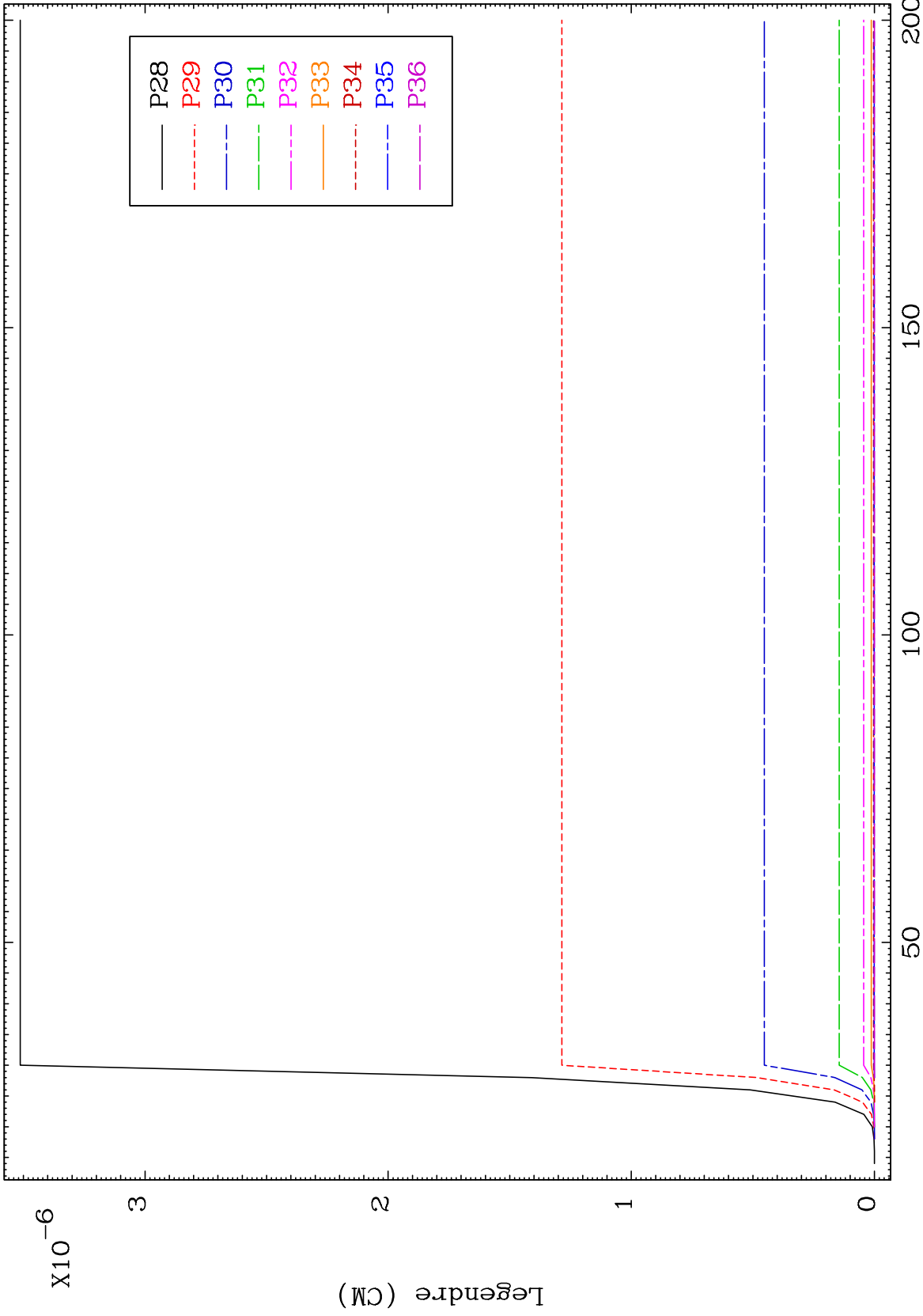
59-Pr-143



MAT 5931

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

59-Pr-143



75

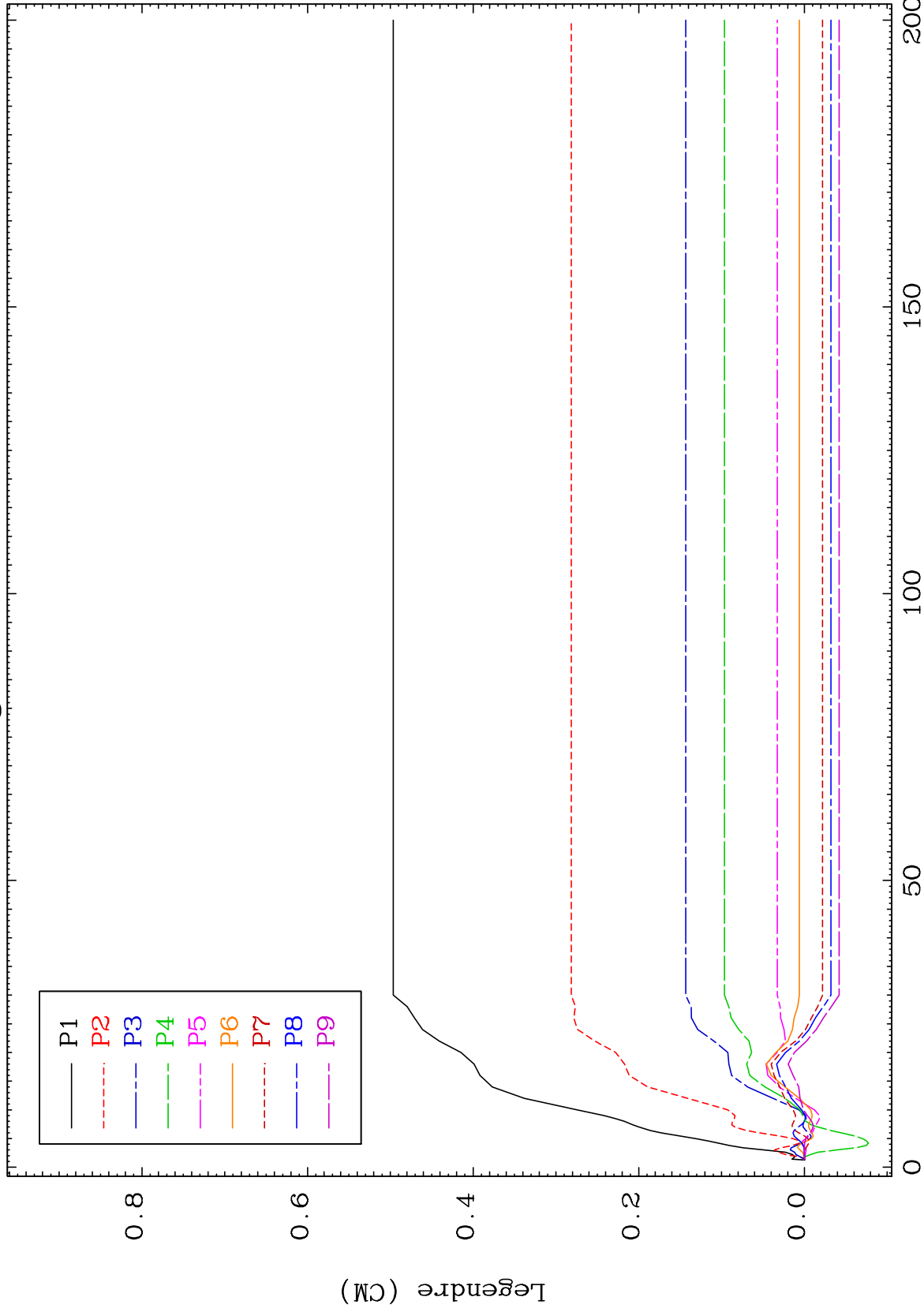
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



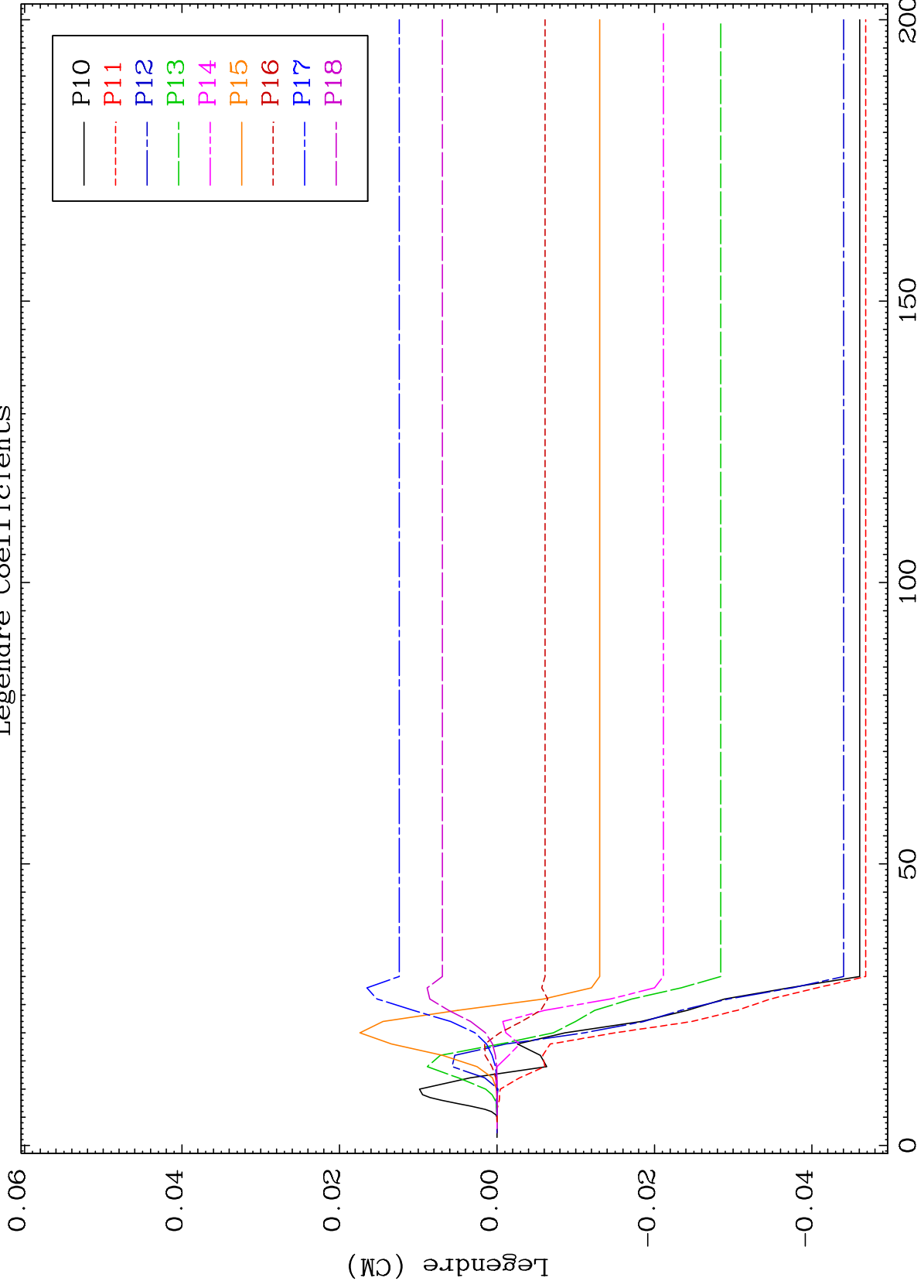
76

59-Pr-143

MAT 5931

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

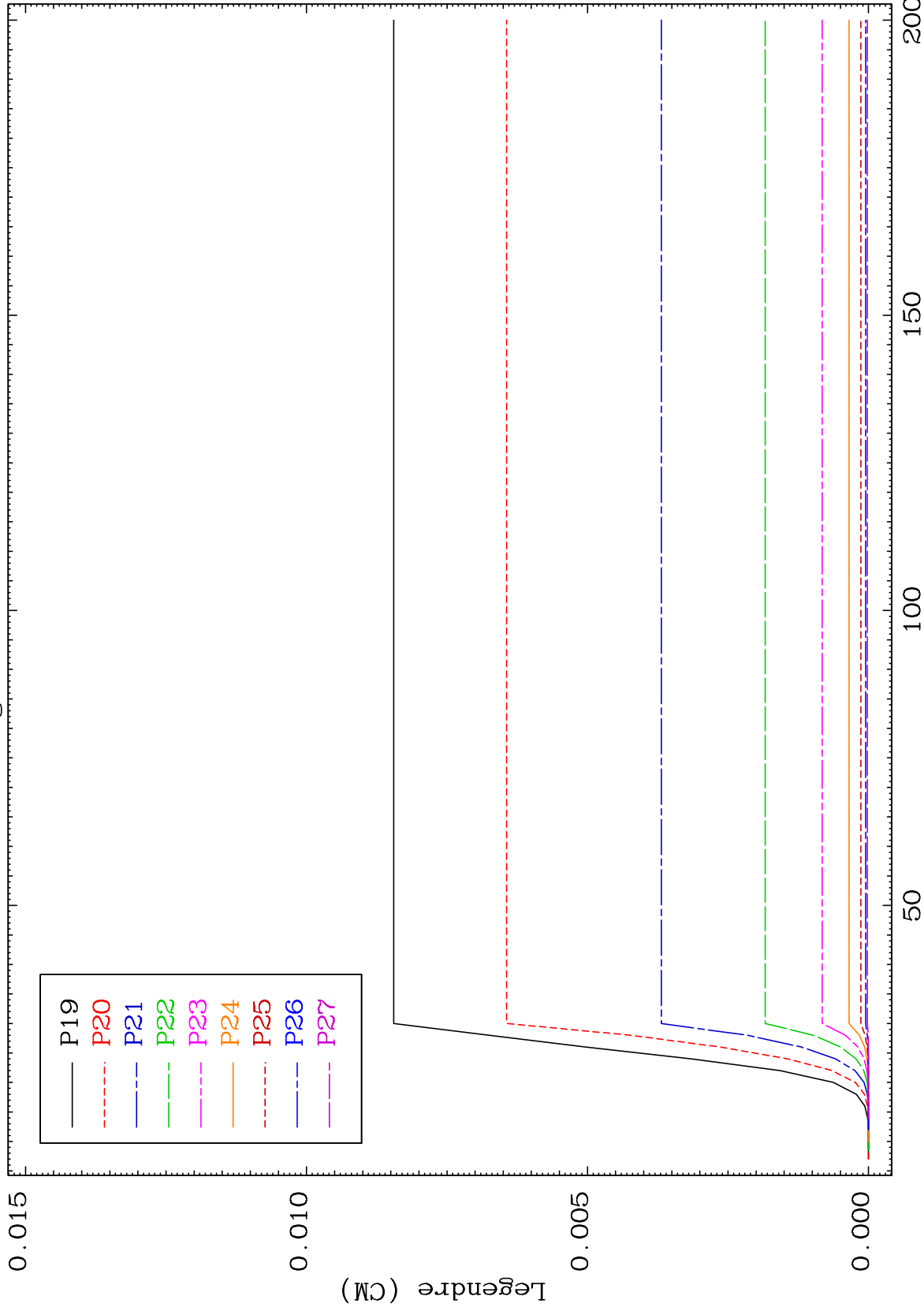
59-Pr-143

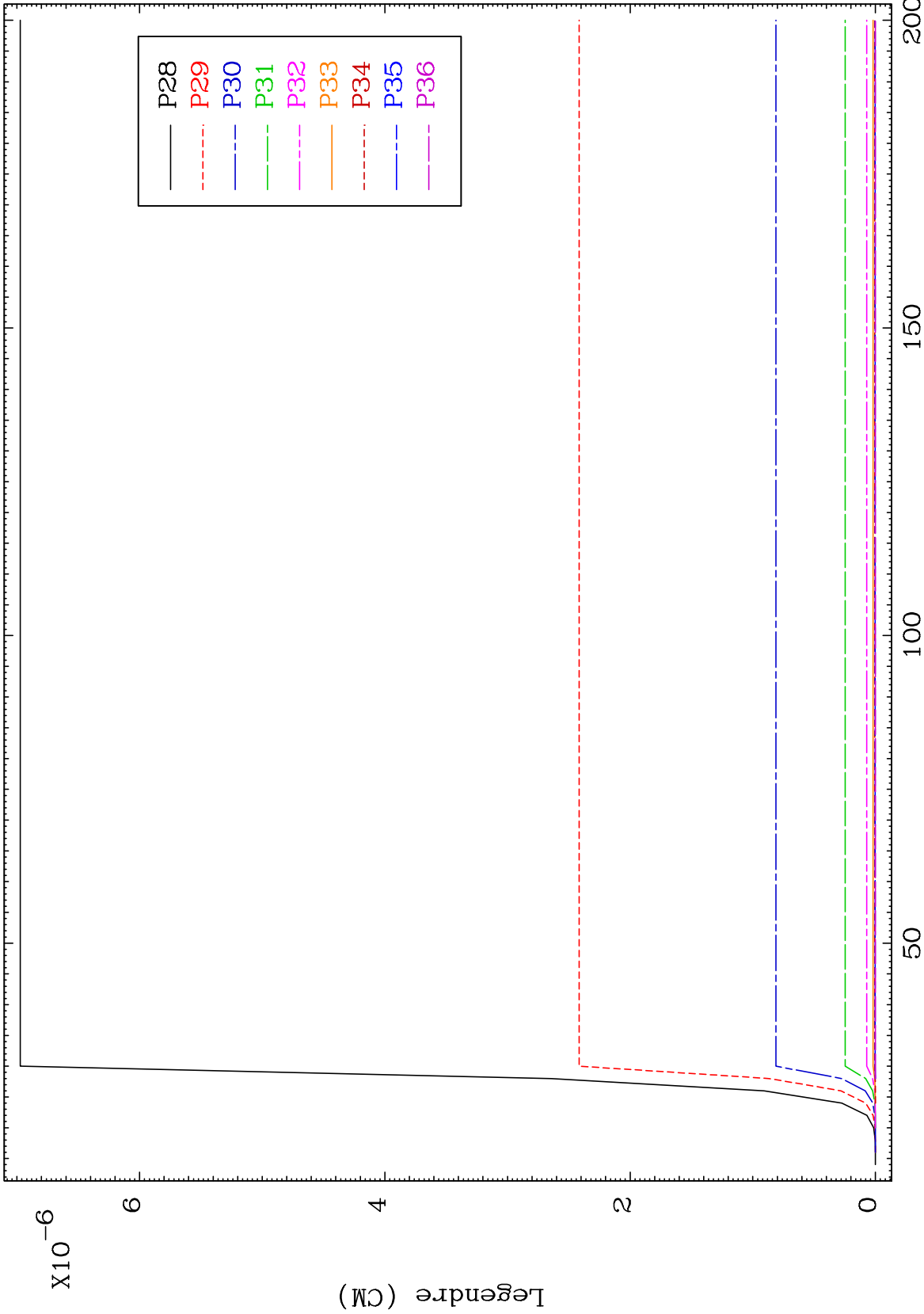


77

Incident Energy (MeV)

59-Pr-143

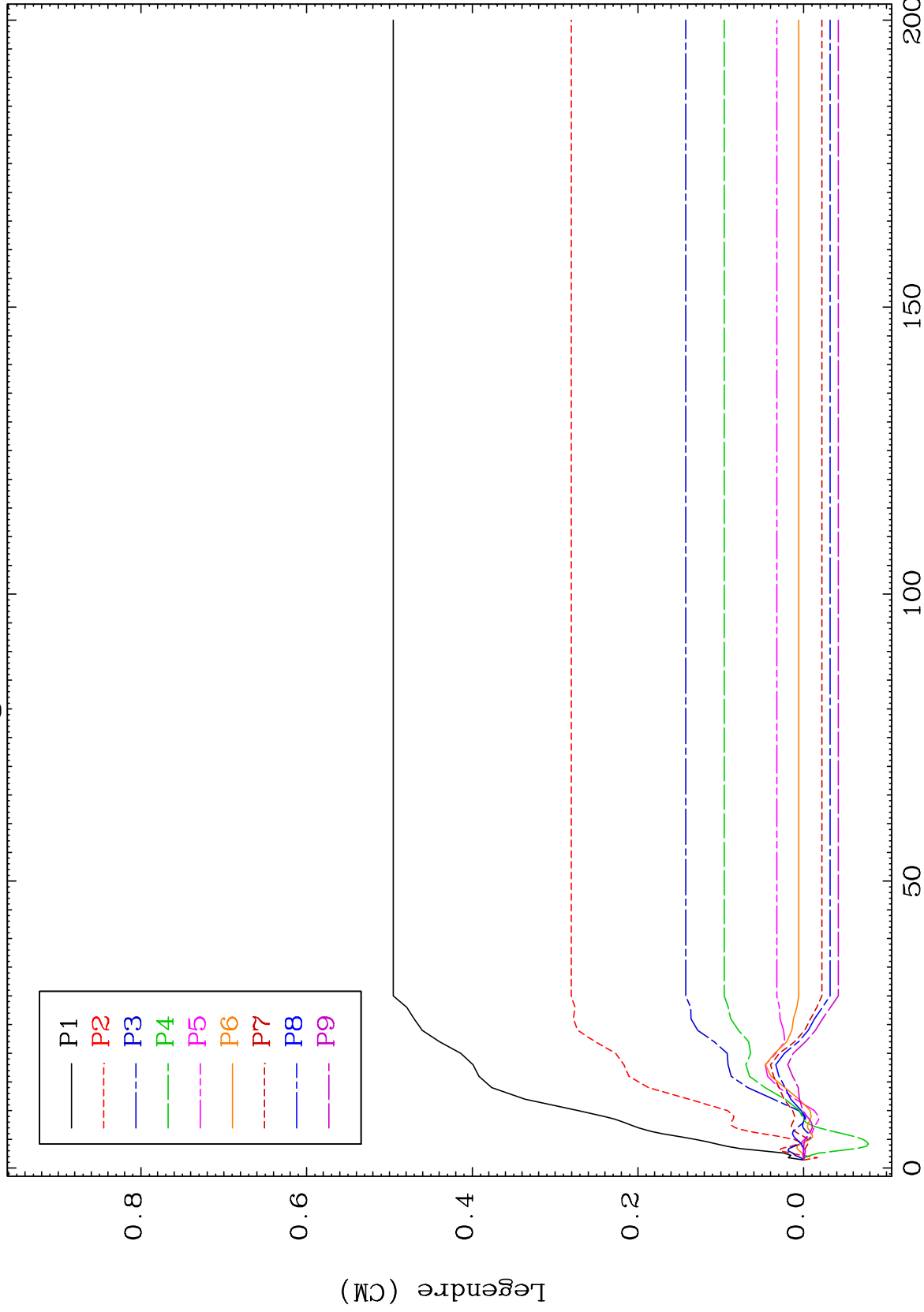




MAT 5931

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

59-Pr-143



59-Pr-143

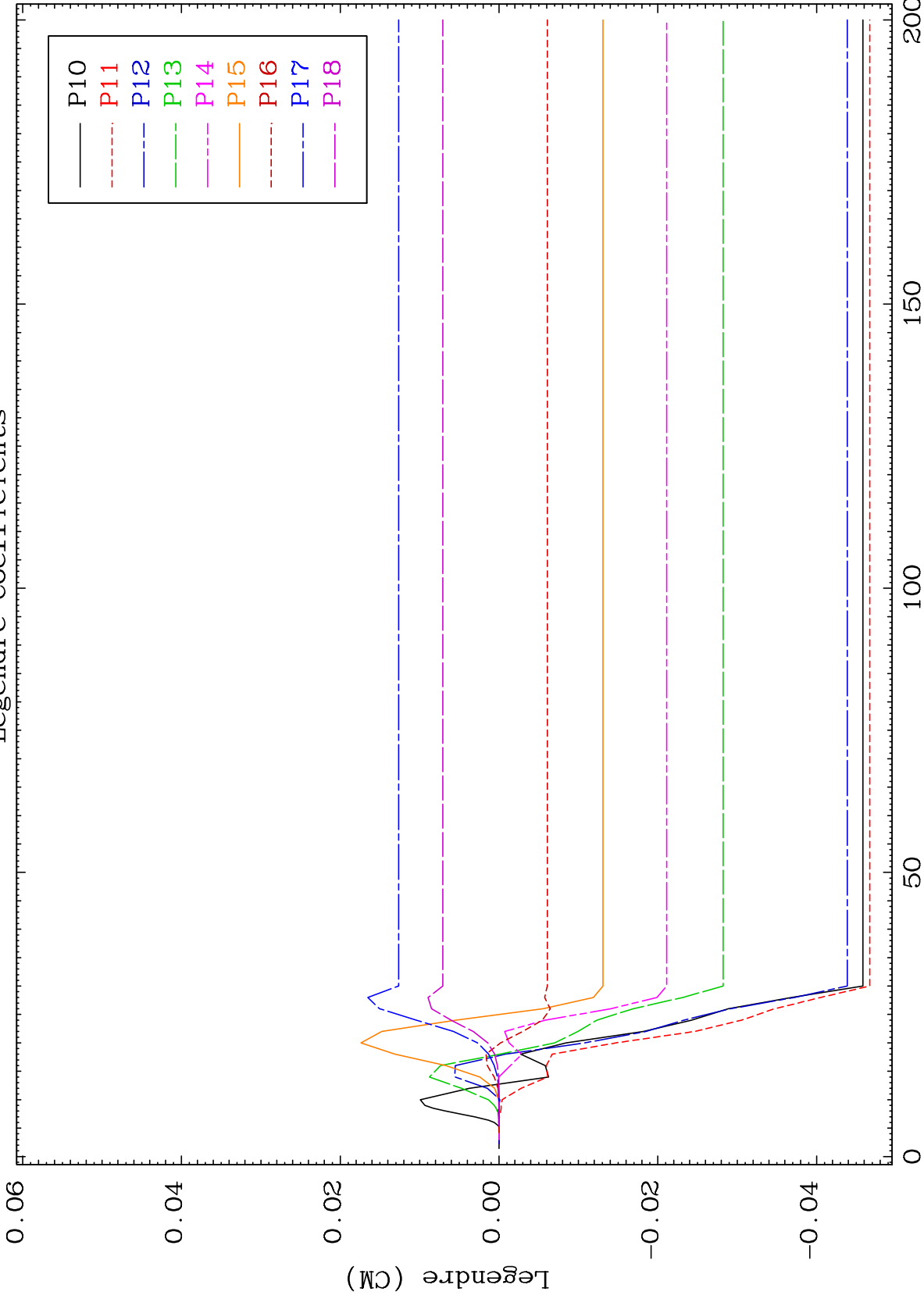
Incident Energy (MeV)

80

MAT 5931

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

59-Pr-143



81

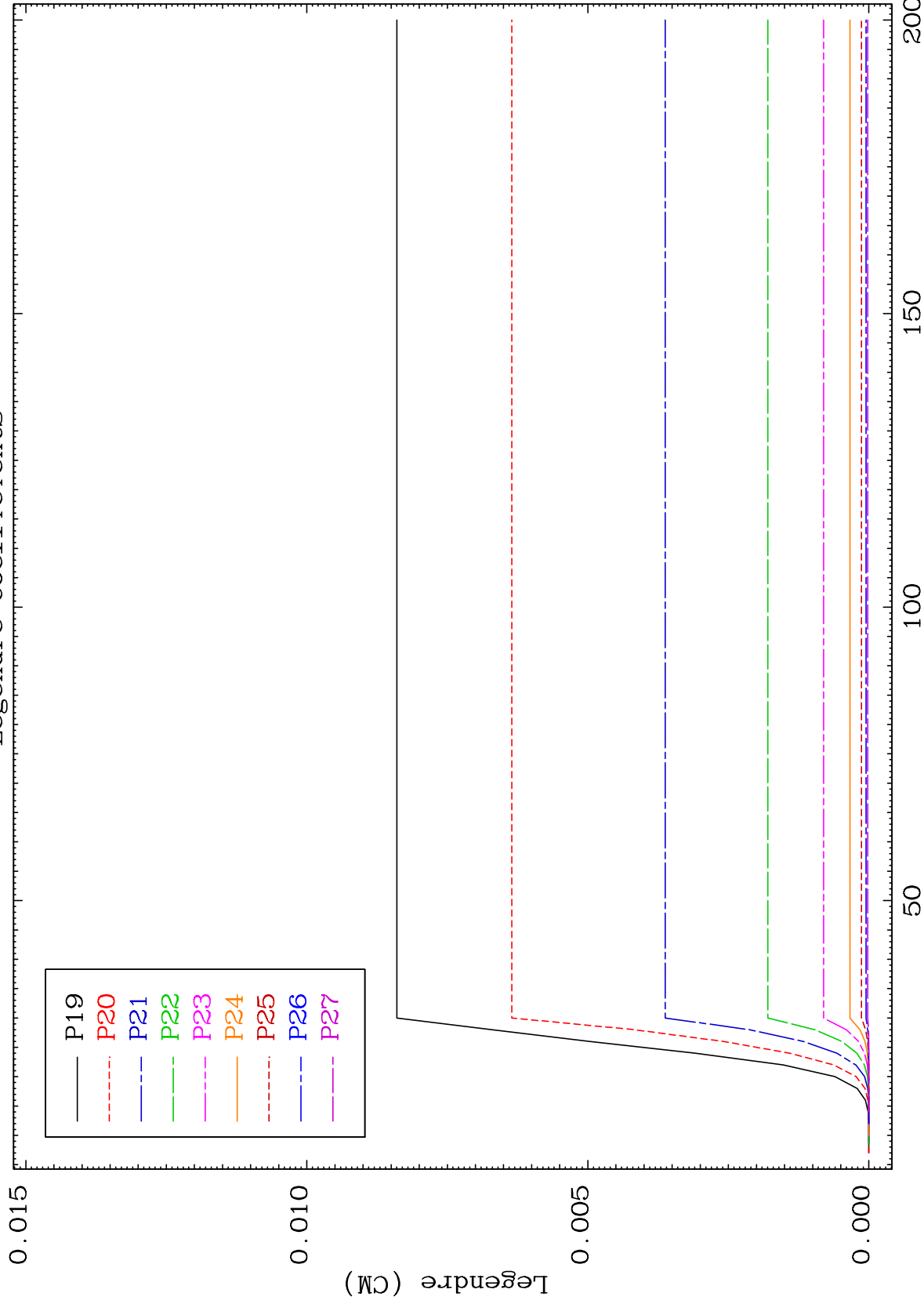
Incident Energy (MeV)

59-Pr-143

MAT 5931

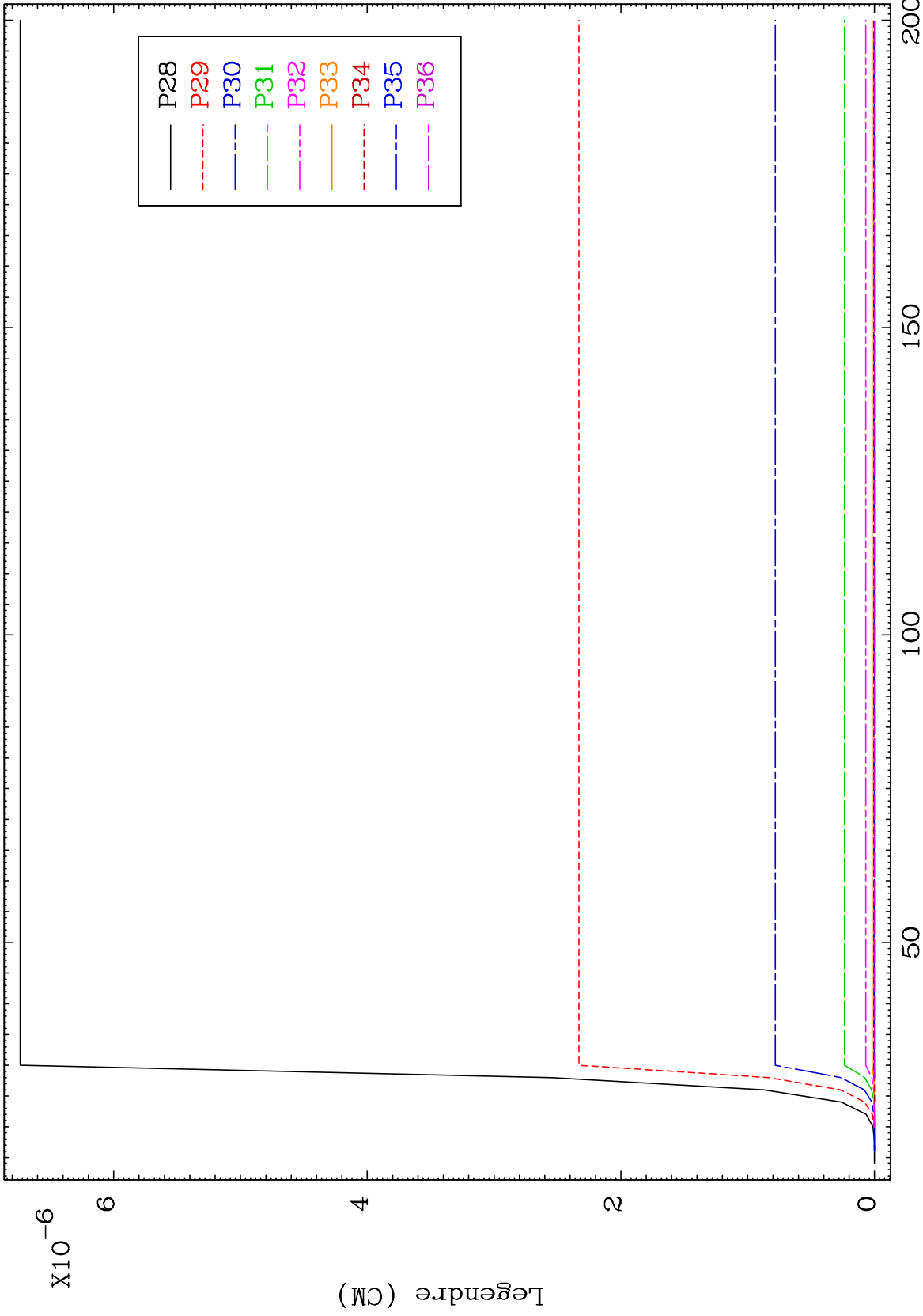
MT= 66 (n,n') Level
Legendre Coefficients

59-Pr-143



82

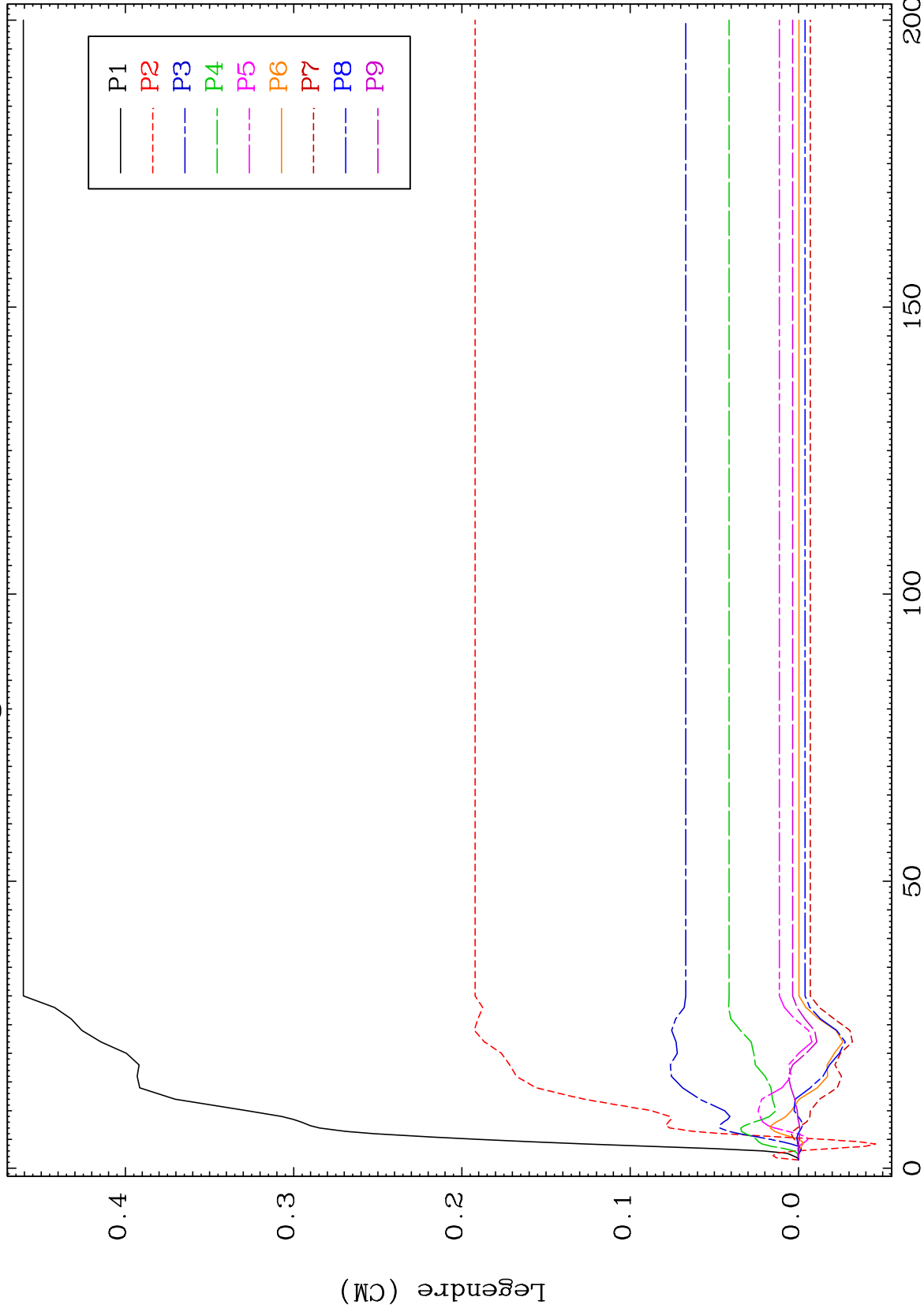
59-Pr-143



MAT 5931

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

59-Pr-143



84

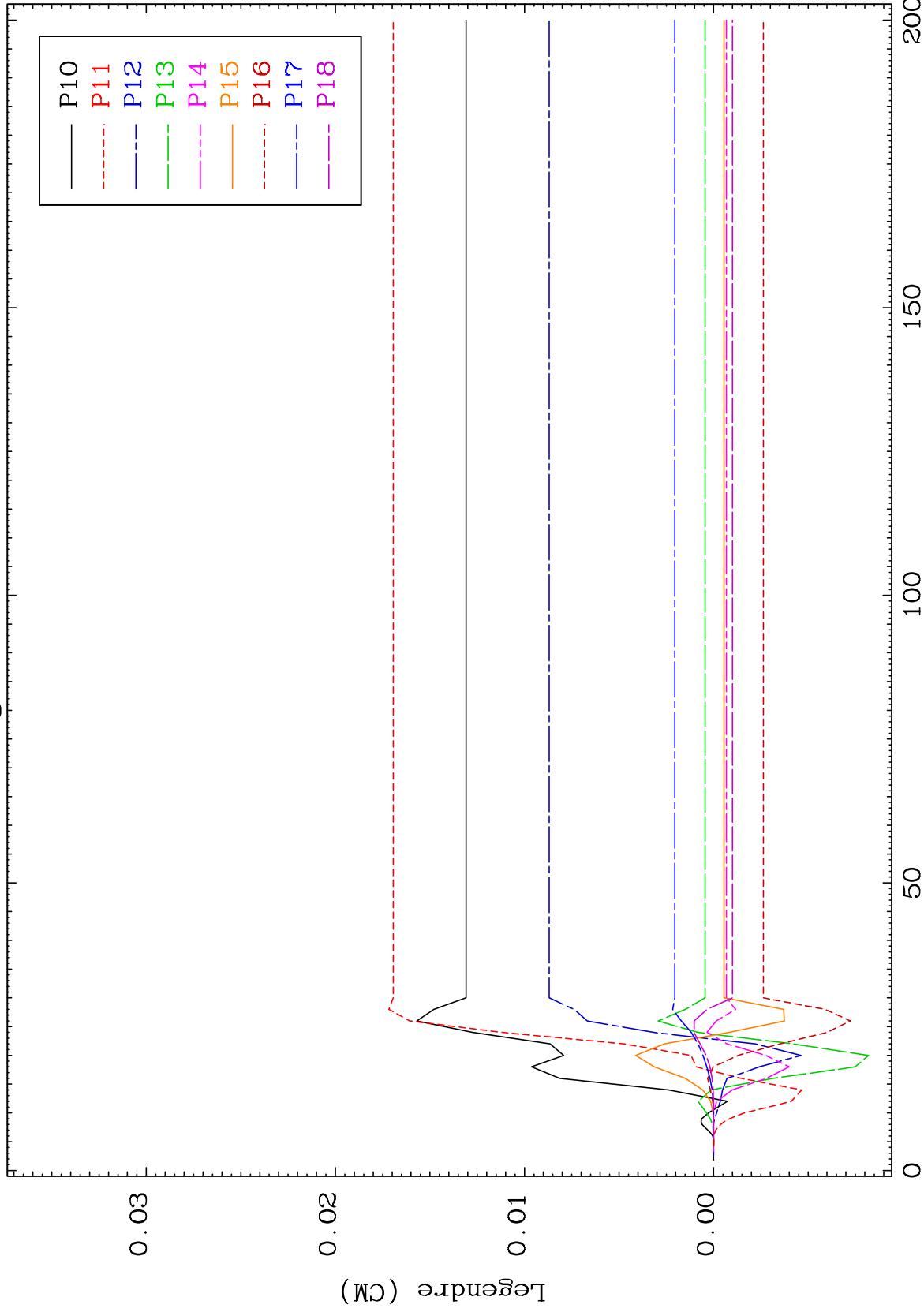
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

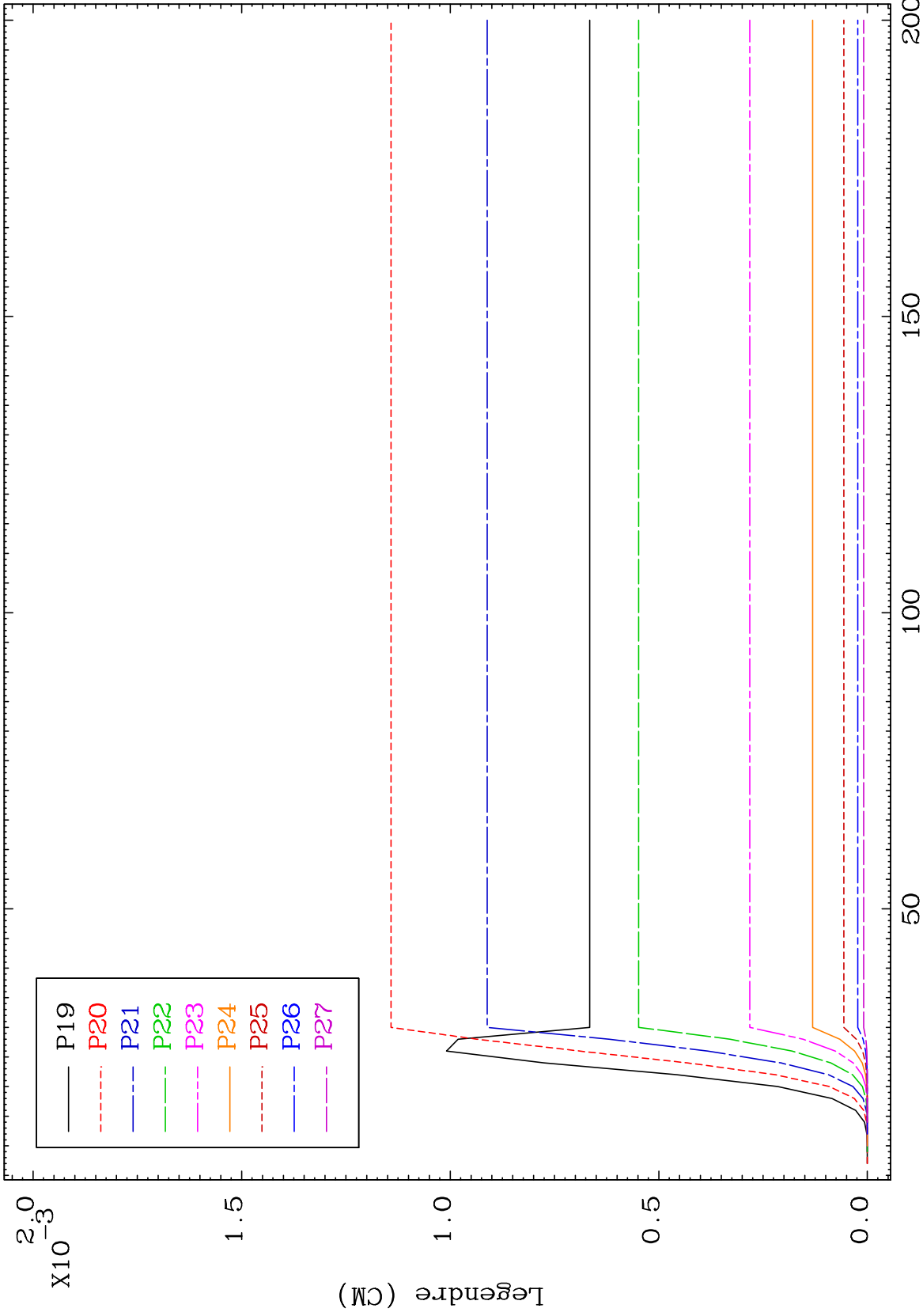
59-Pr-143



85

Incident Energy (MeV)

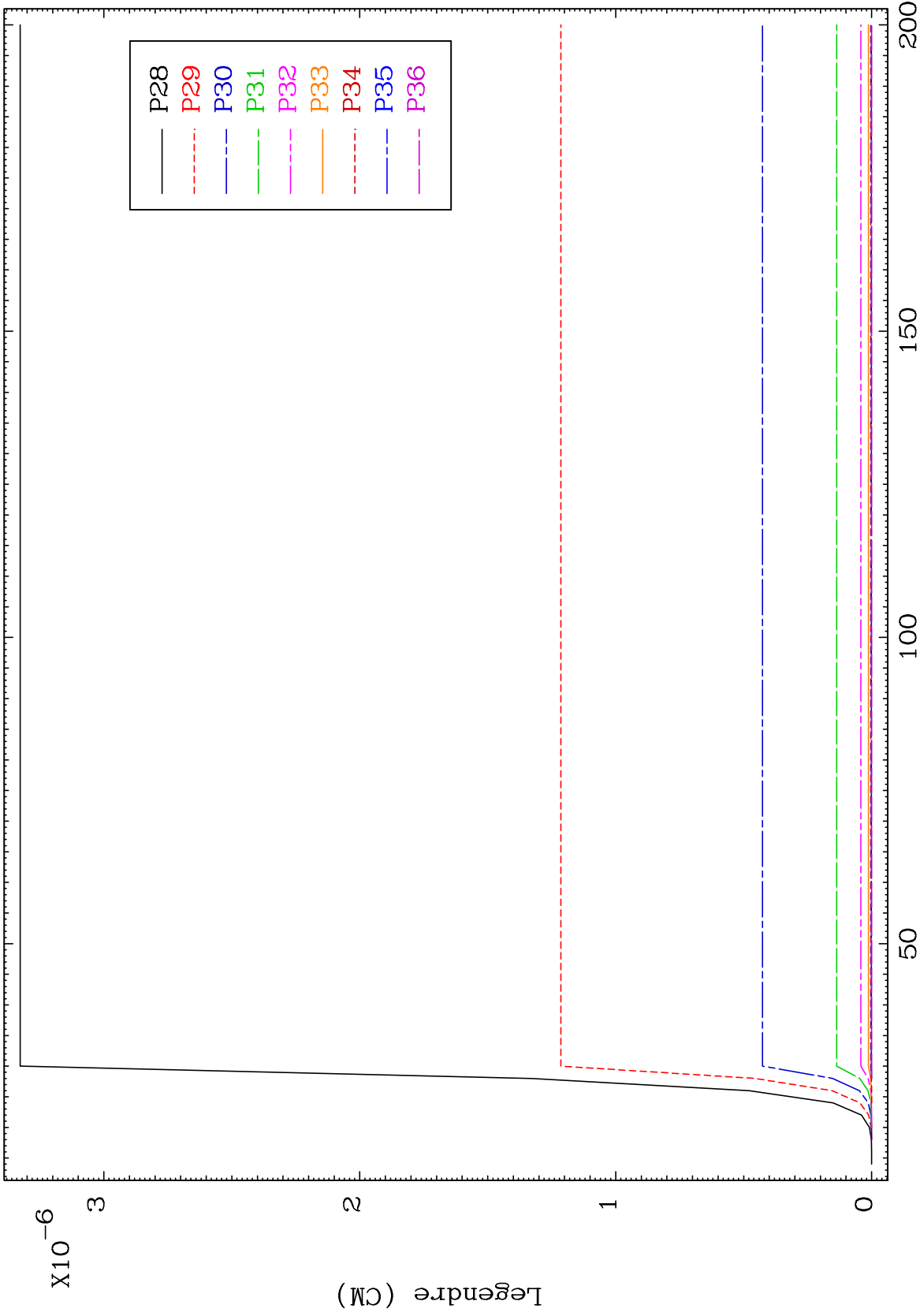
59-Pr-143



MAT 5931

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

59-Pr-143



87

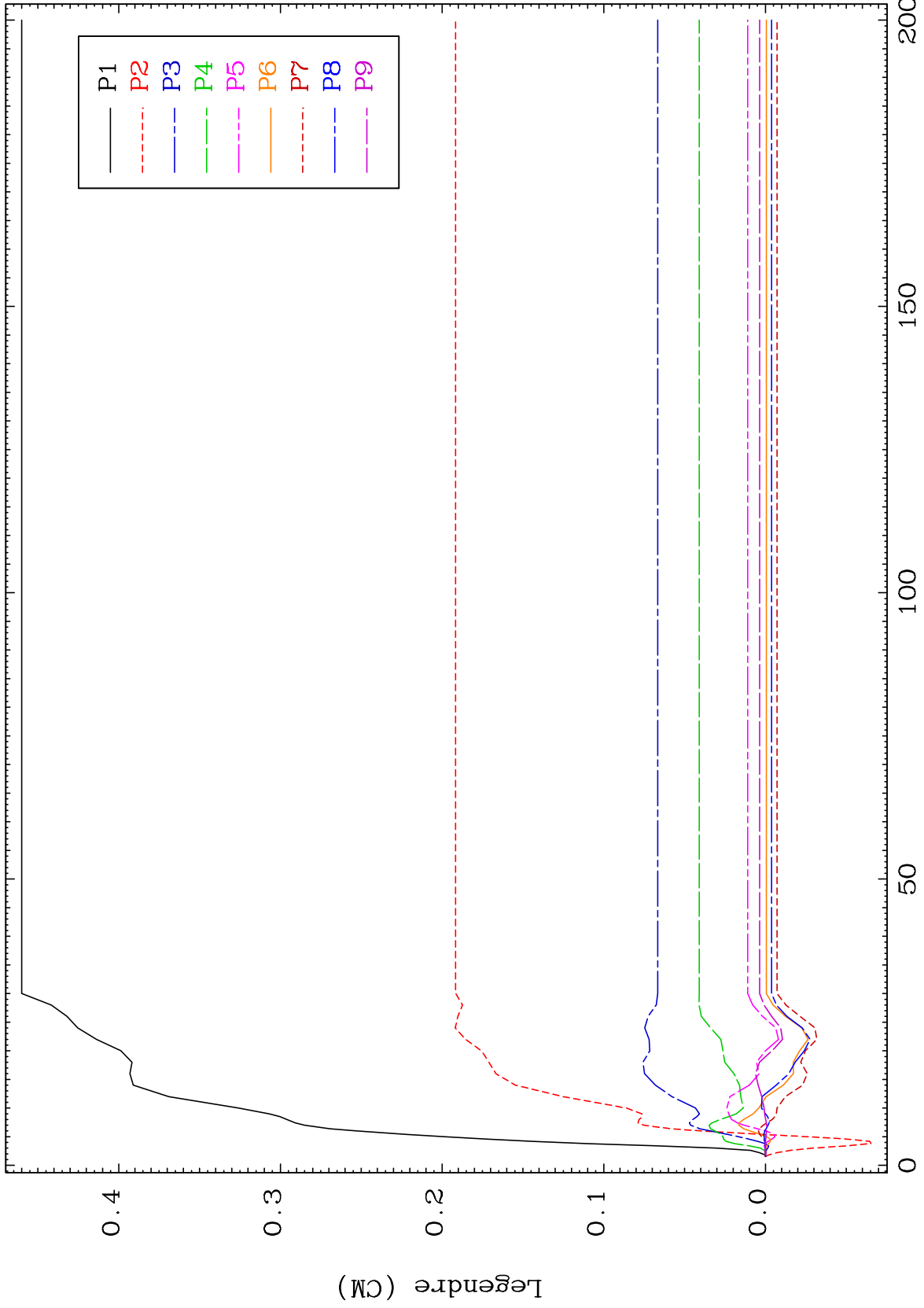
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



88

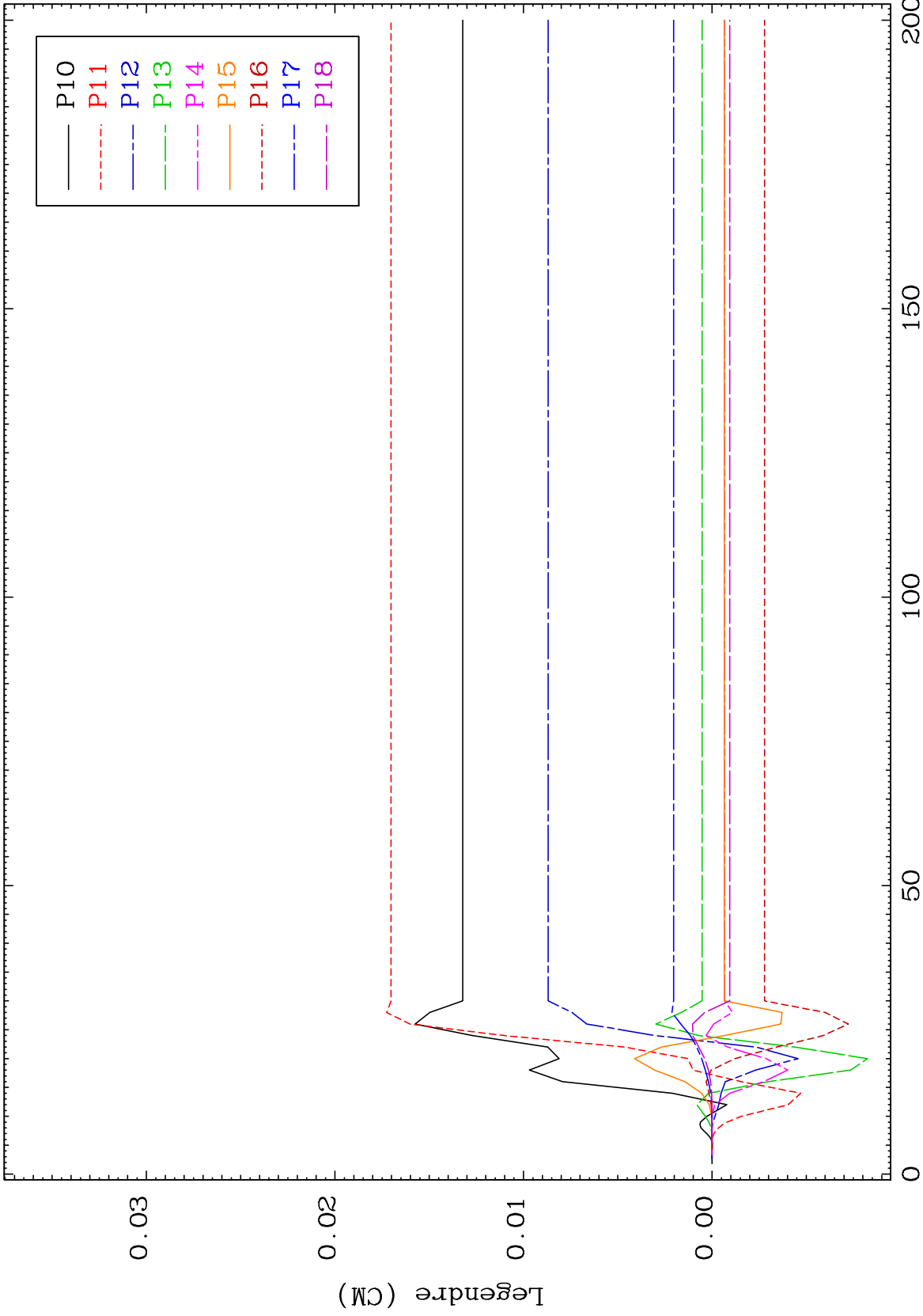
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



89

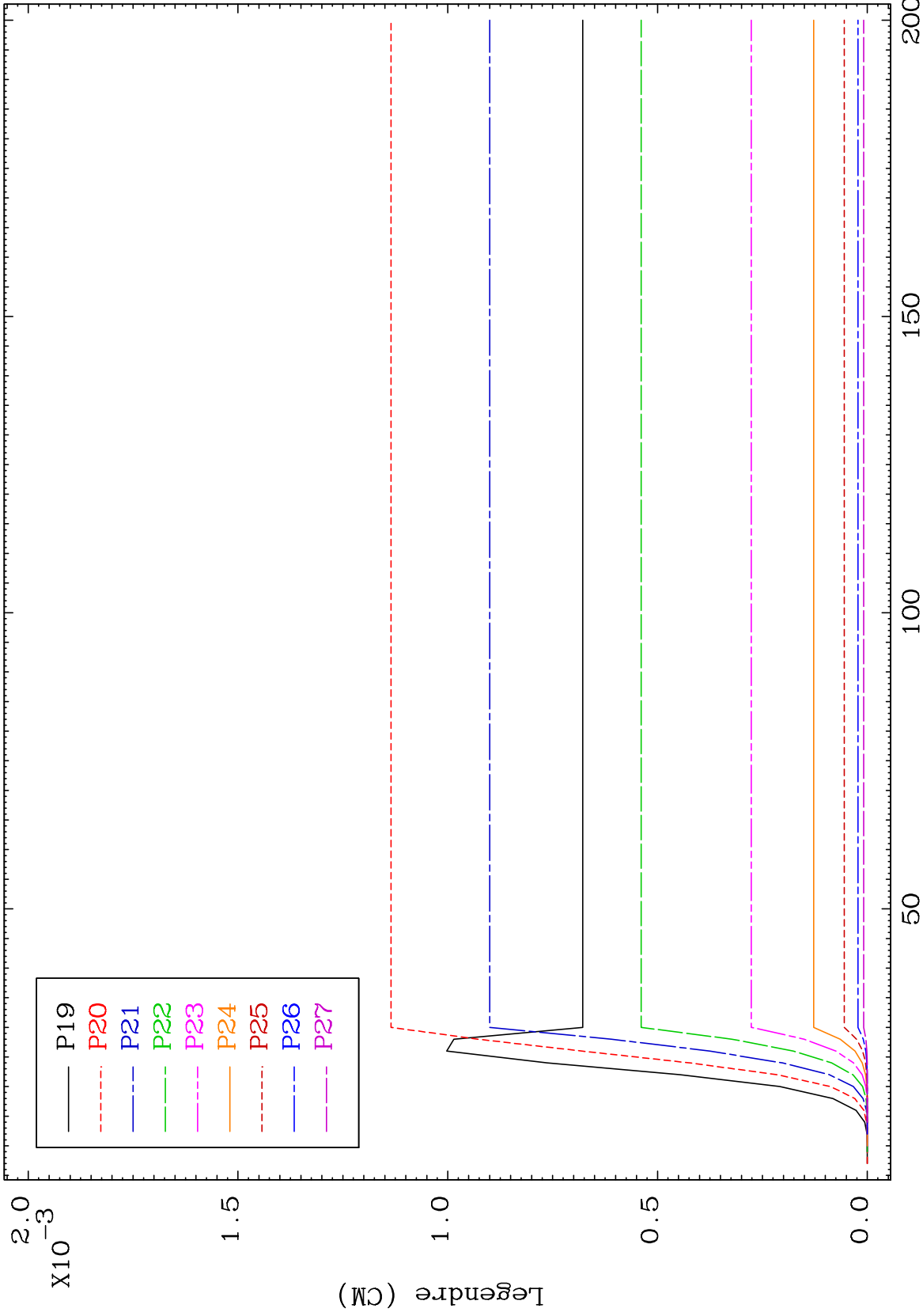
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

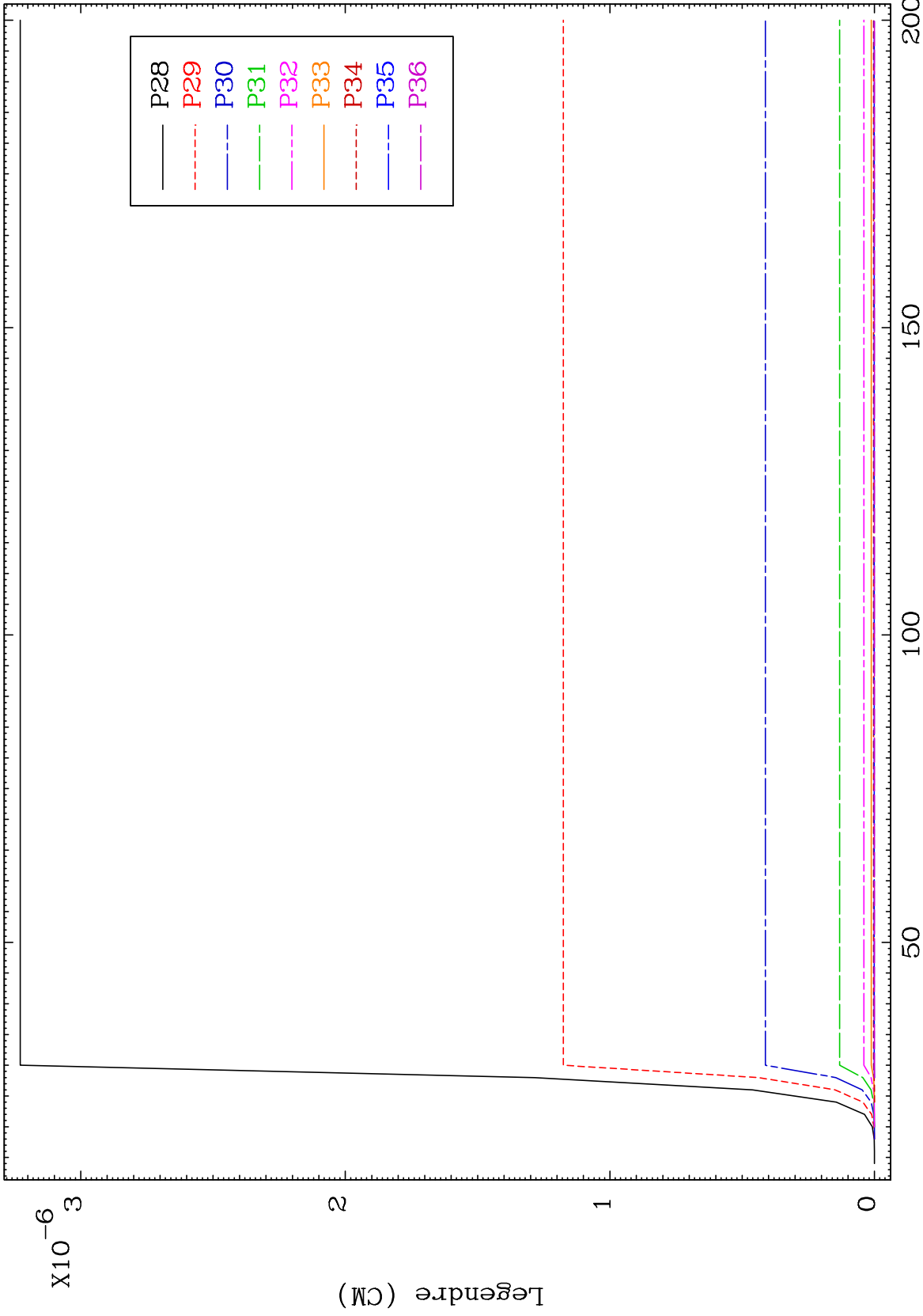
59-Pr-143



90

Incident Energy (MeV)

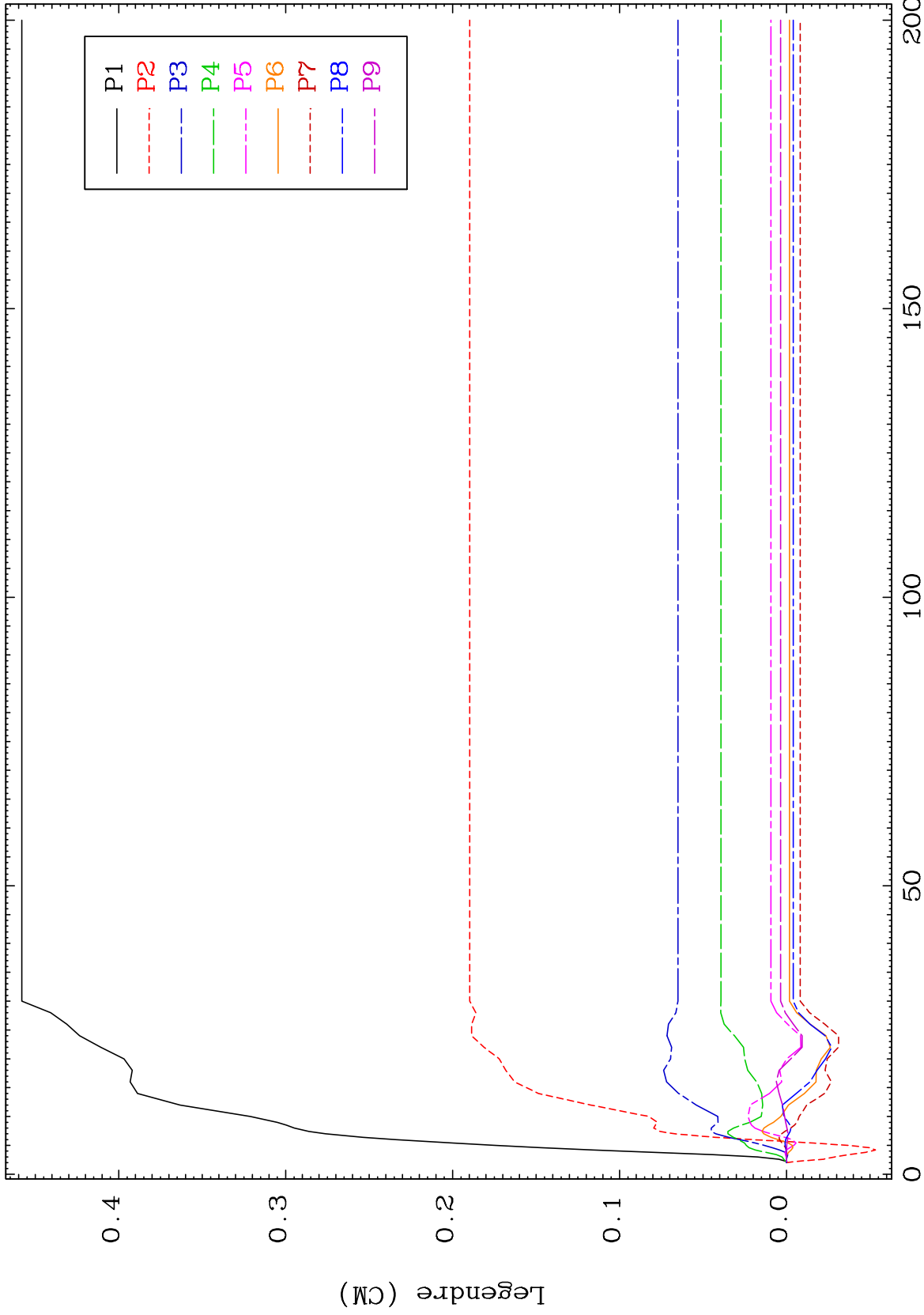
59-Pr-143



MAT 5931

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

59-Pr-143



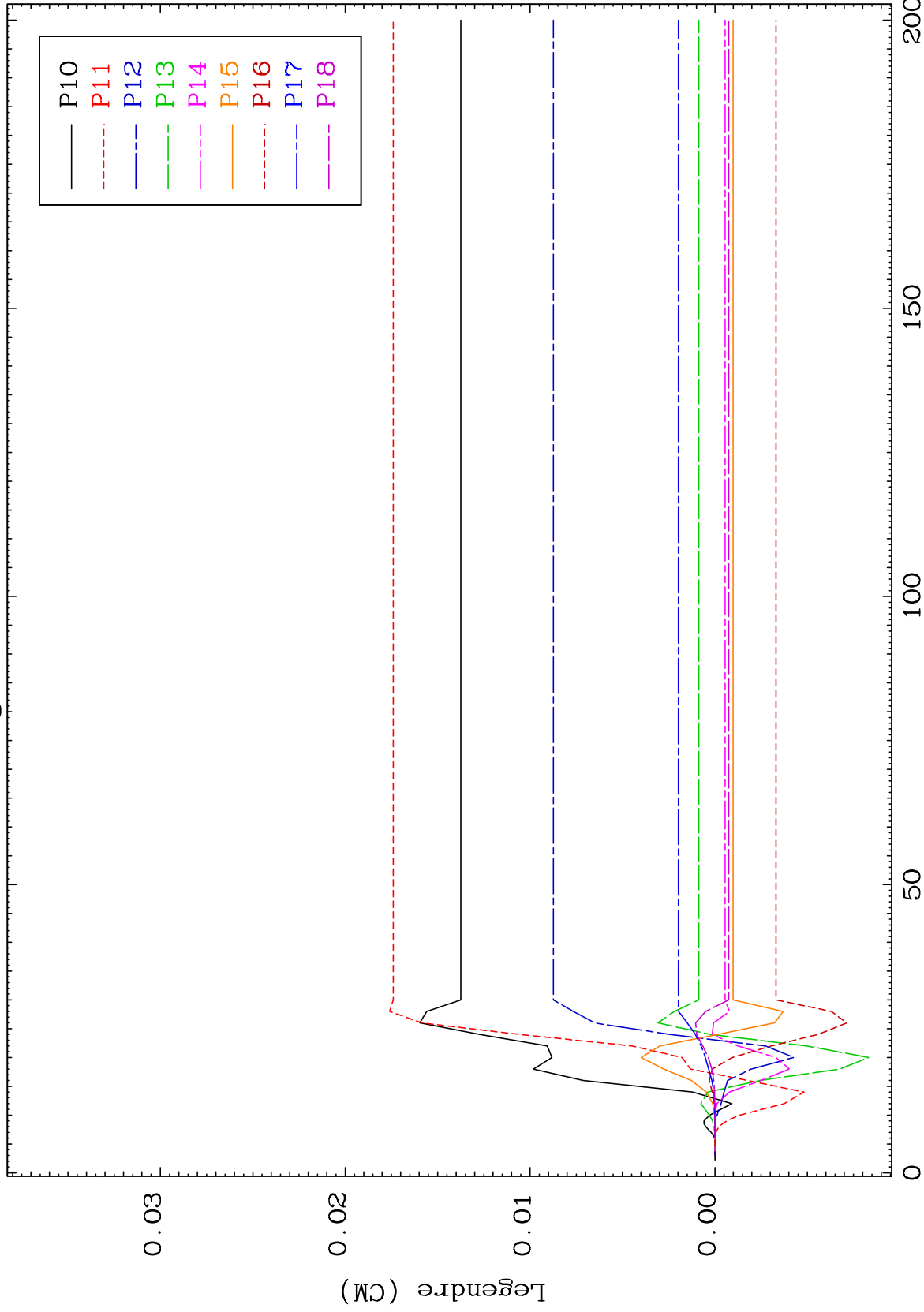
92

59-Pr-143

MAT 5931

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

59-Pr-143



93

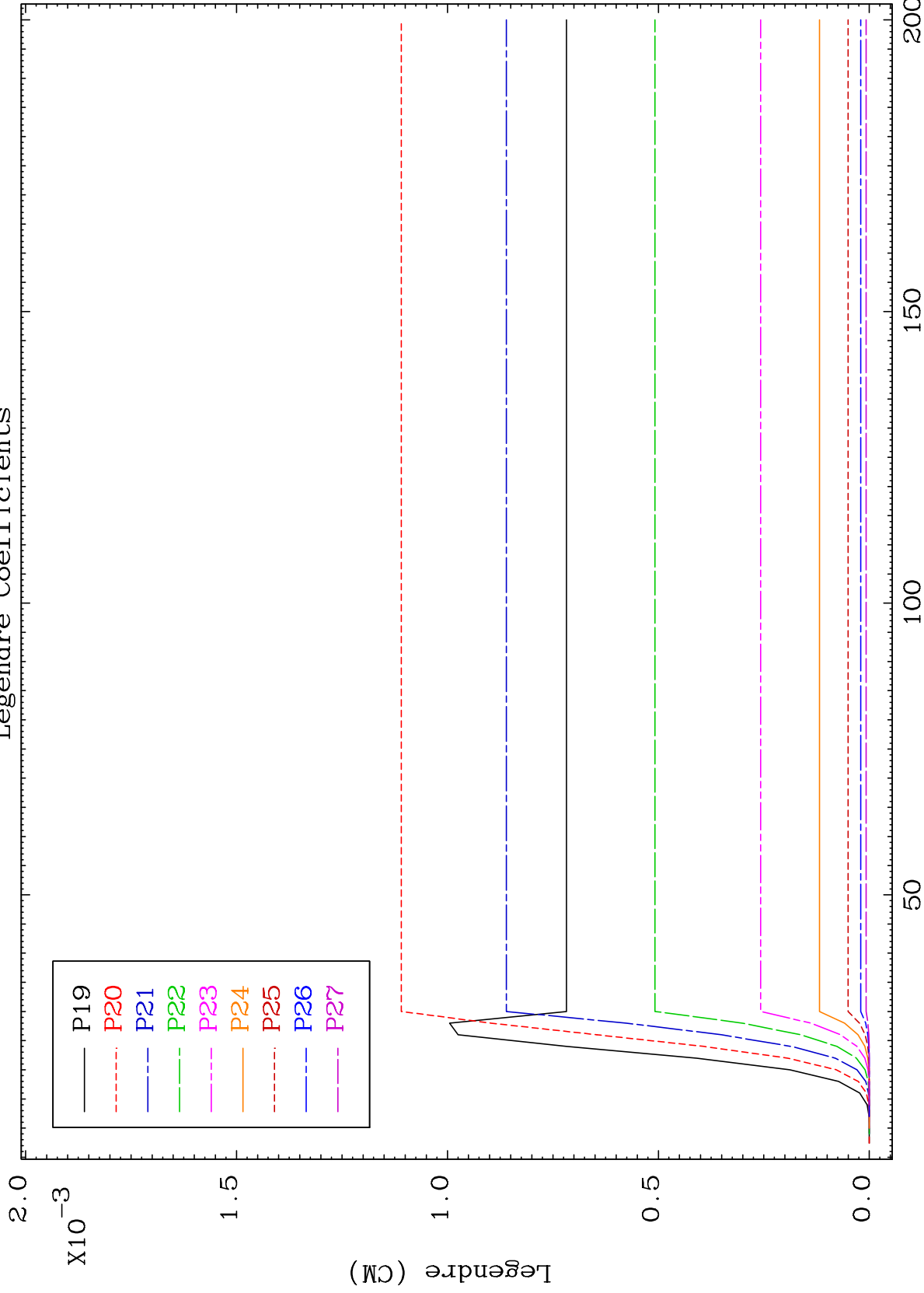
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



94

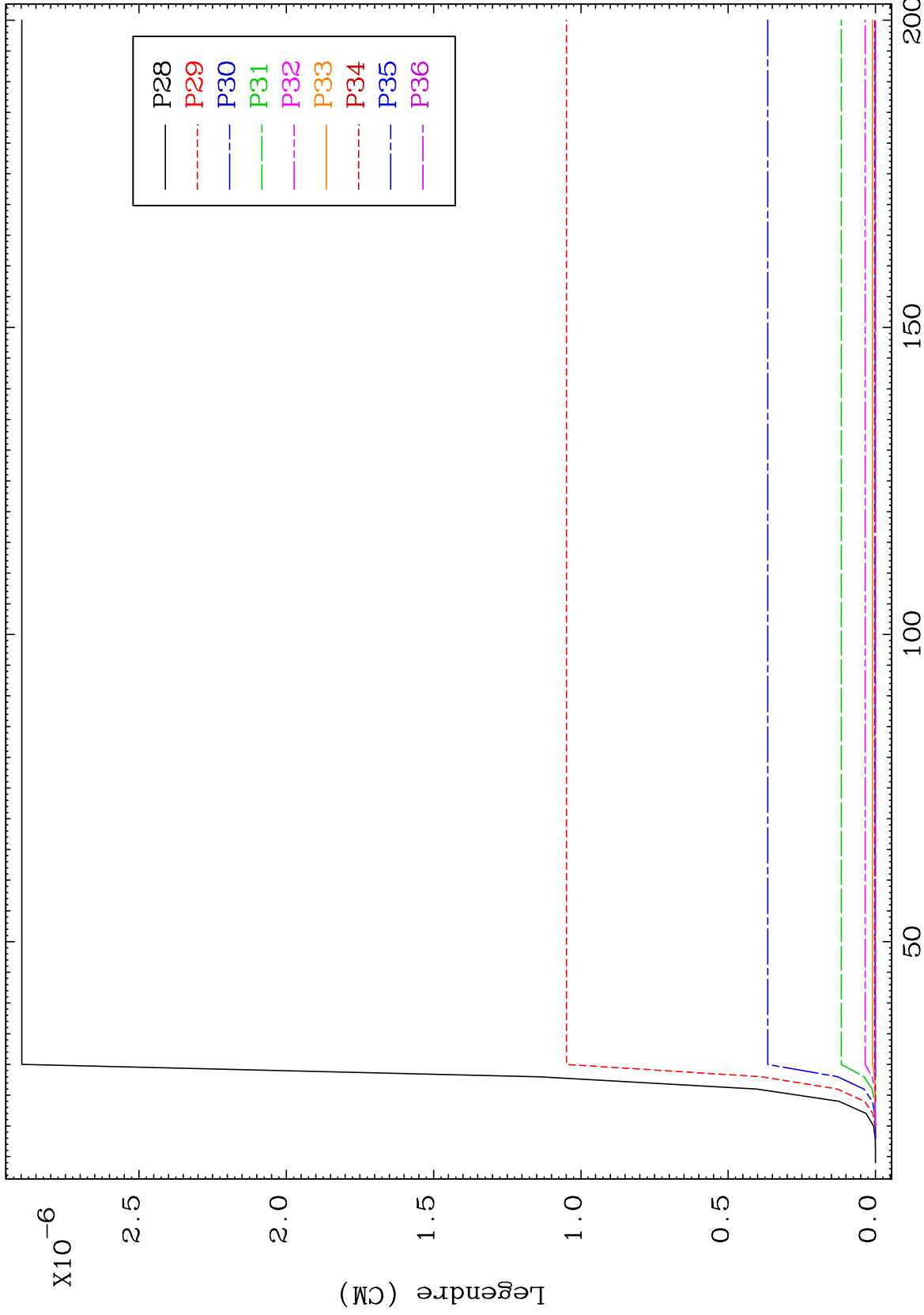
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



95

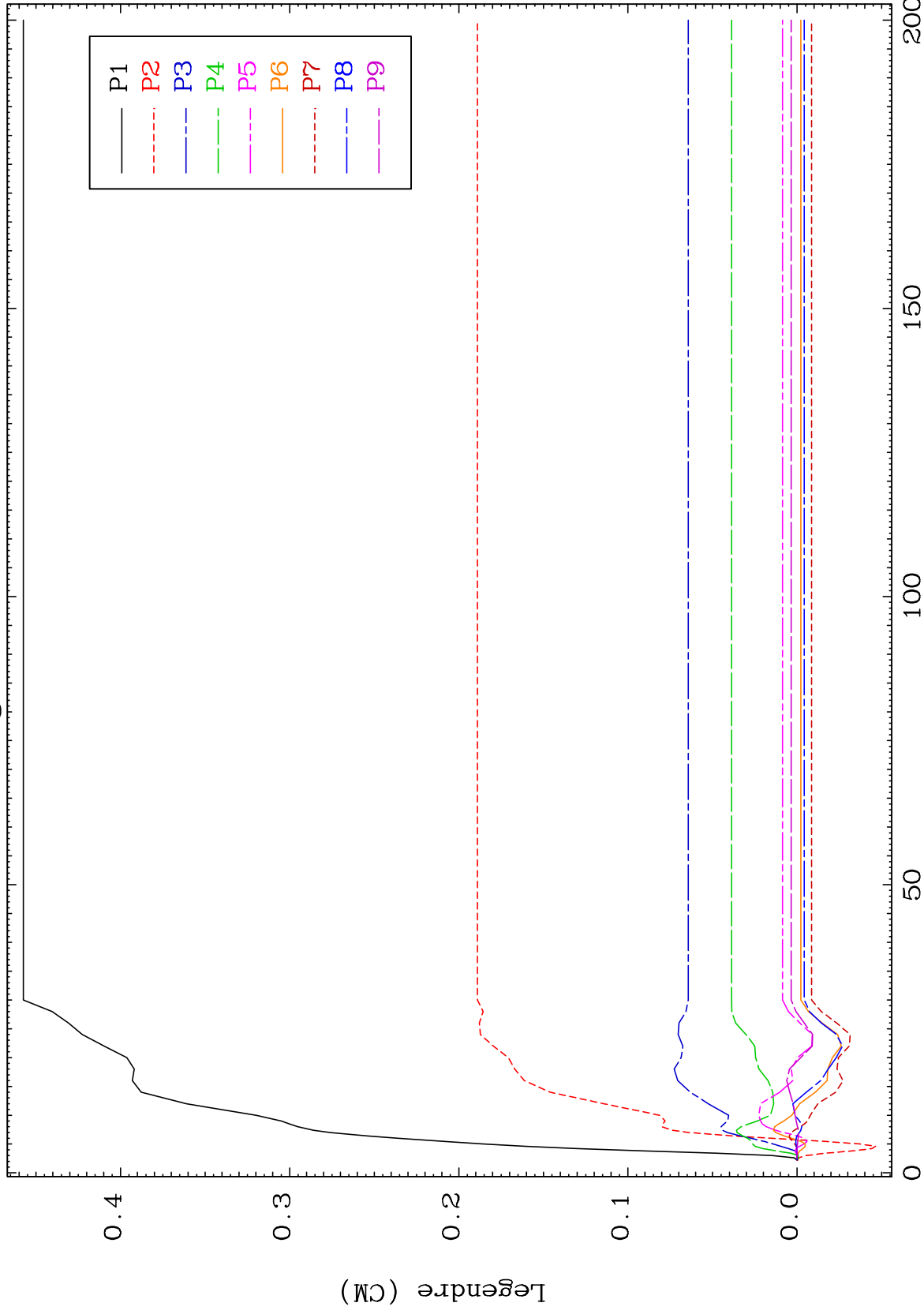
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



96

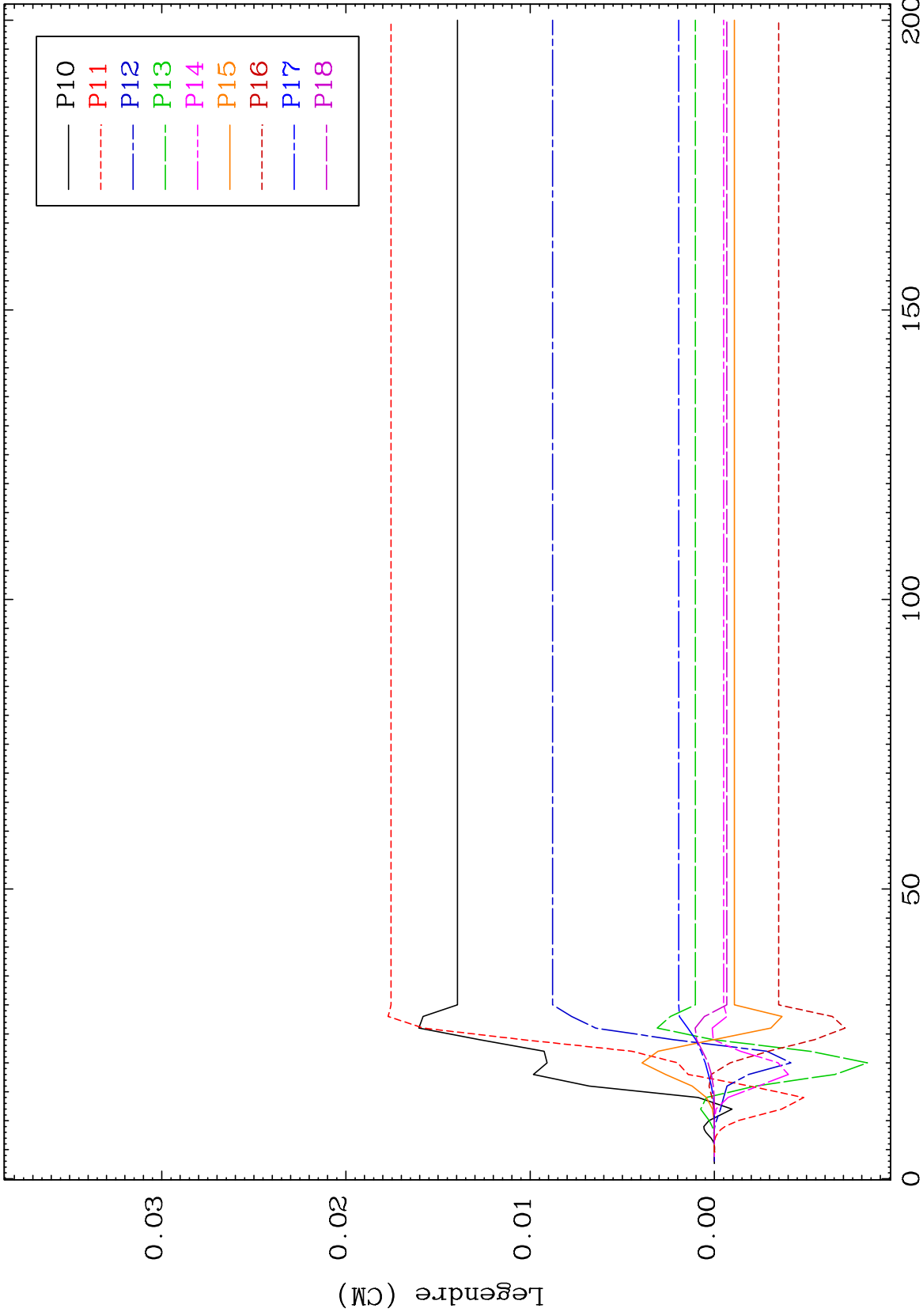
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

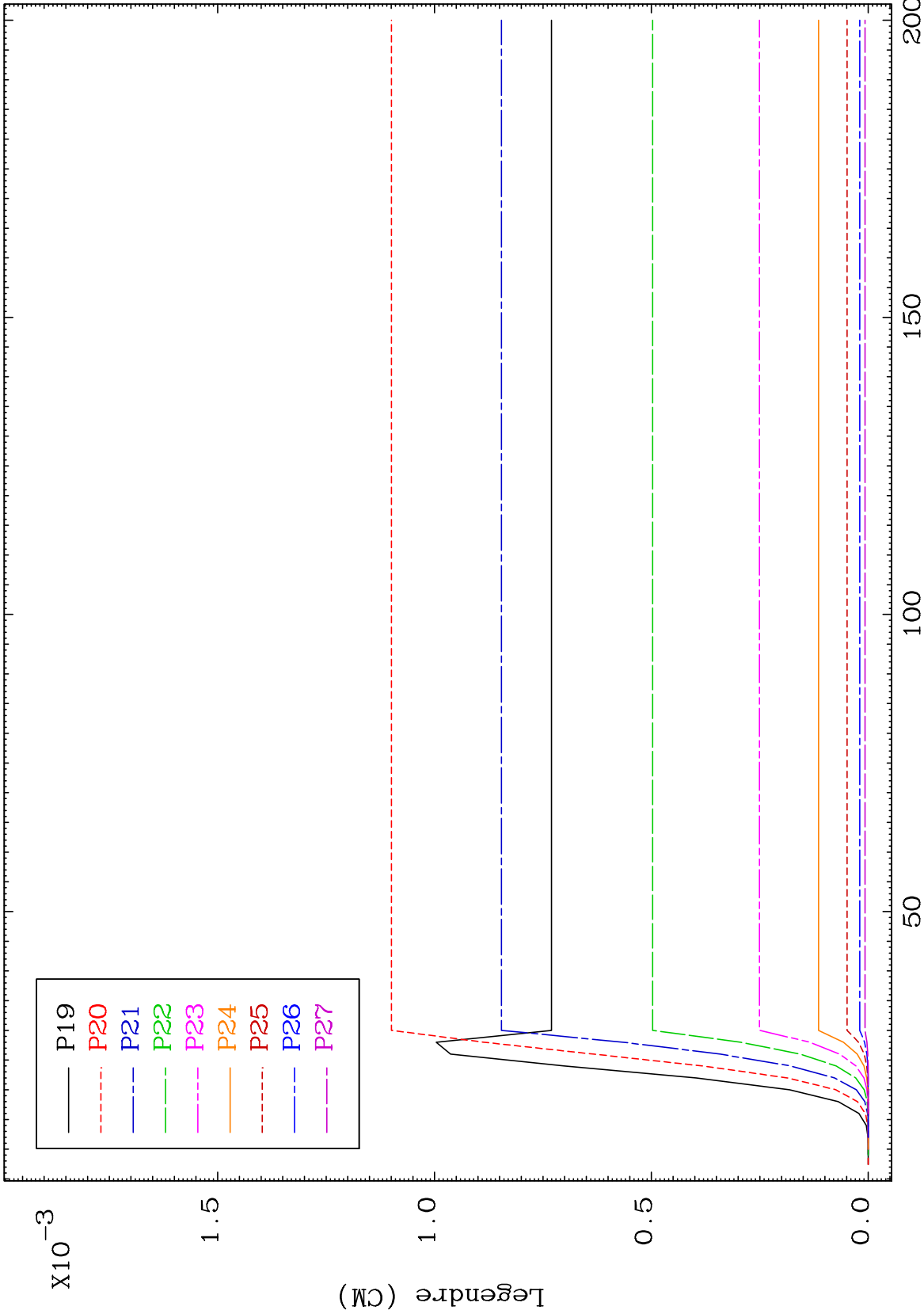
59-Pr-143



97

Incident Energy (MeV)

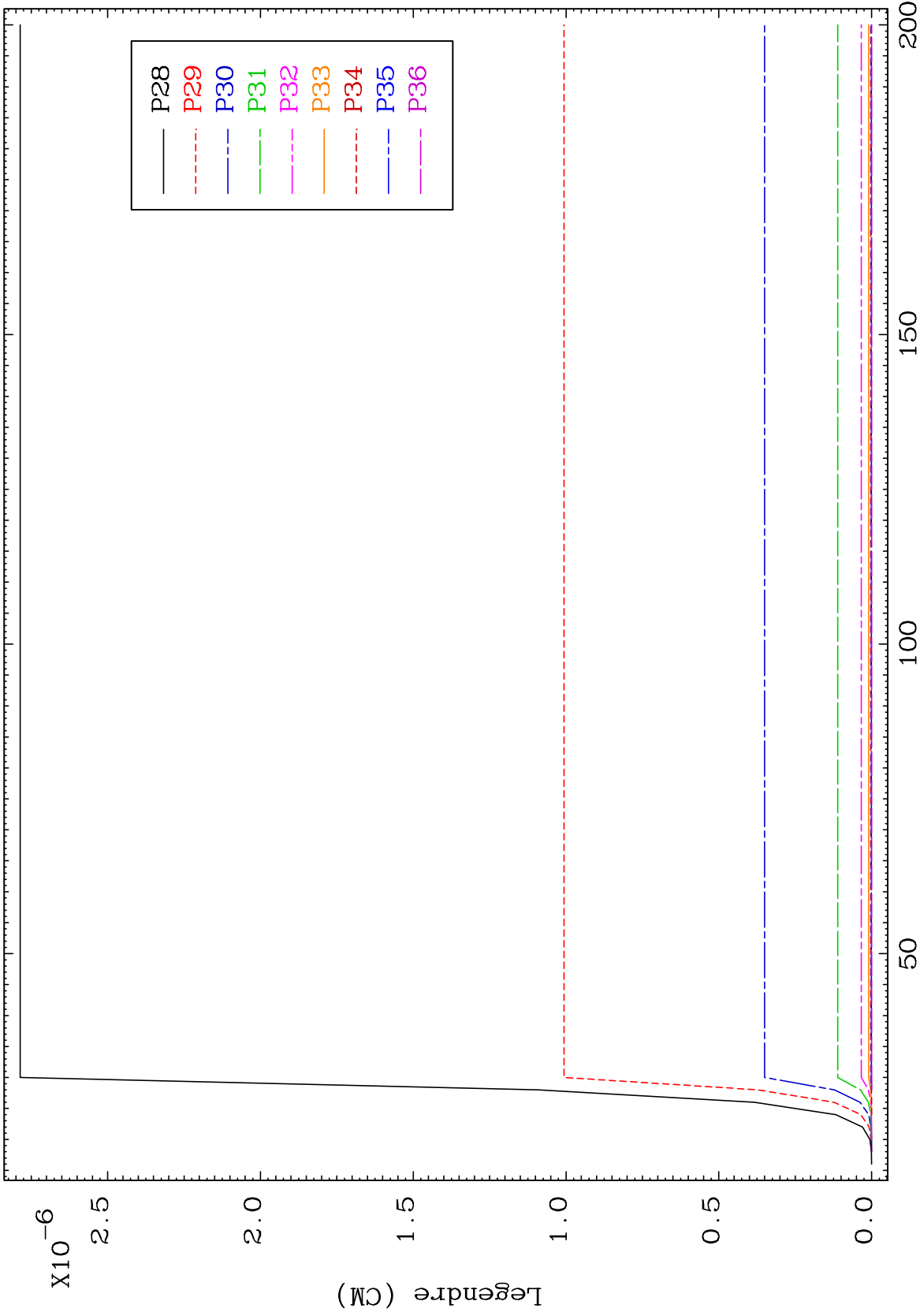
59-Pr-143



MAT 5931

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

59-Pr-143



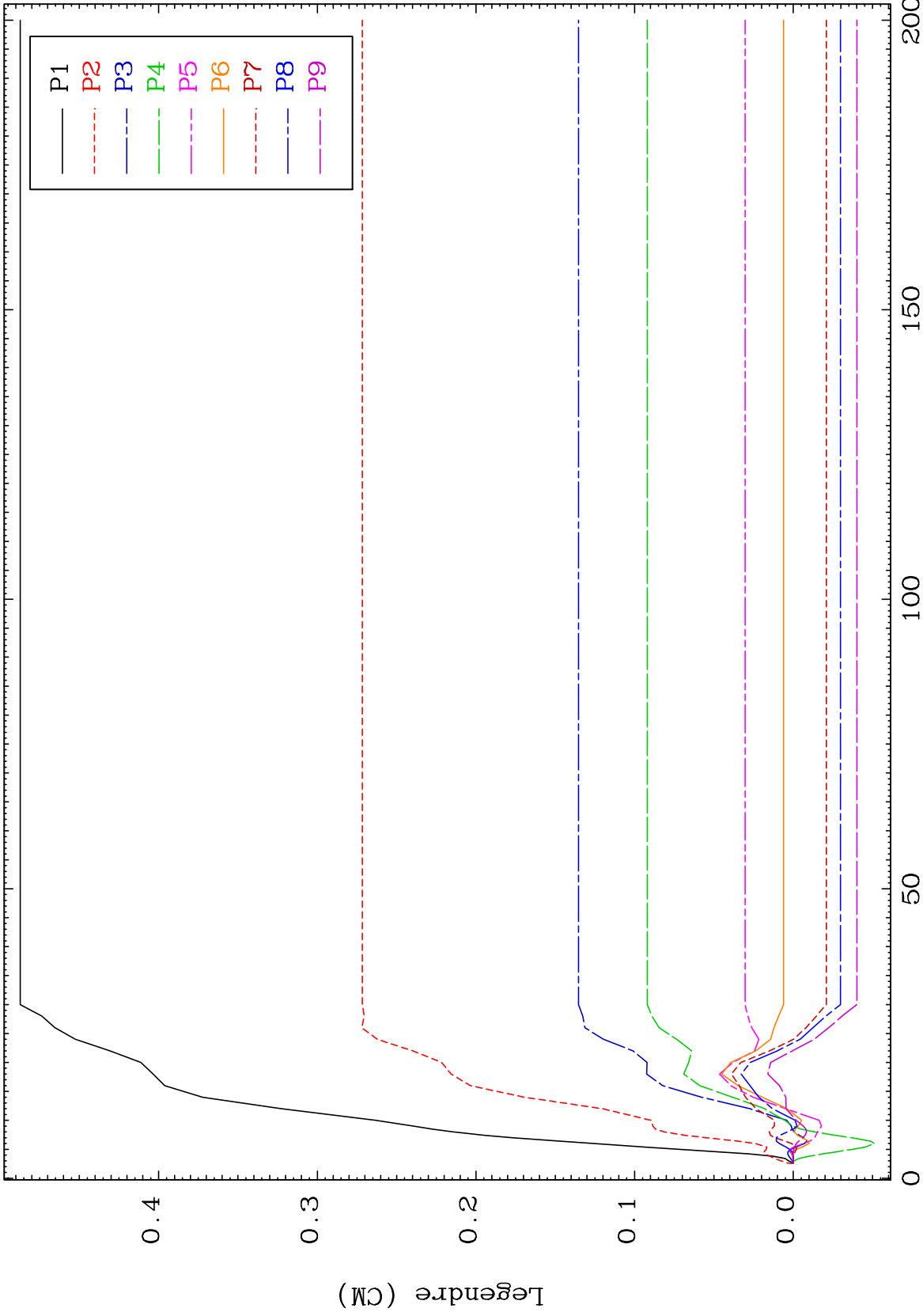
99

59-Pr-143

MAT 5931

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

59-Pr-143



59-Pr-143

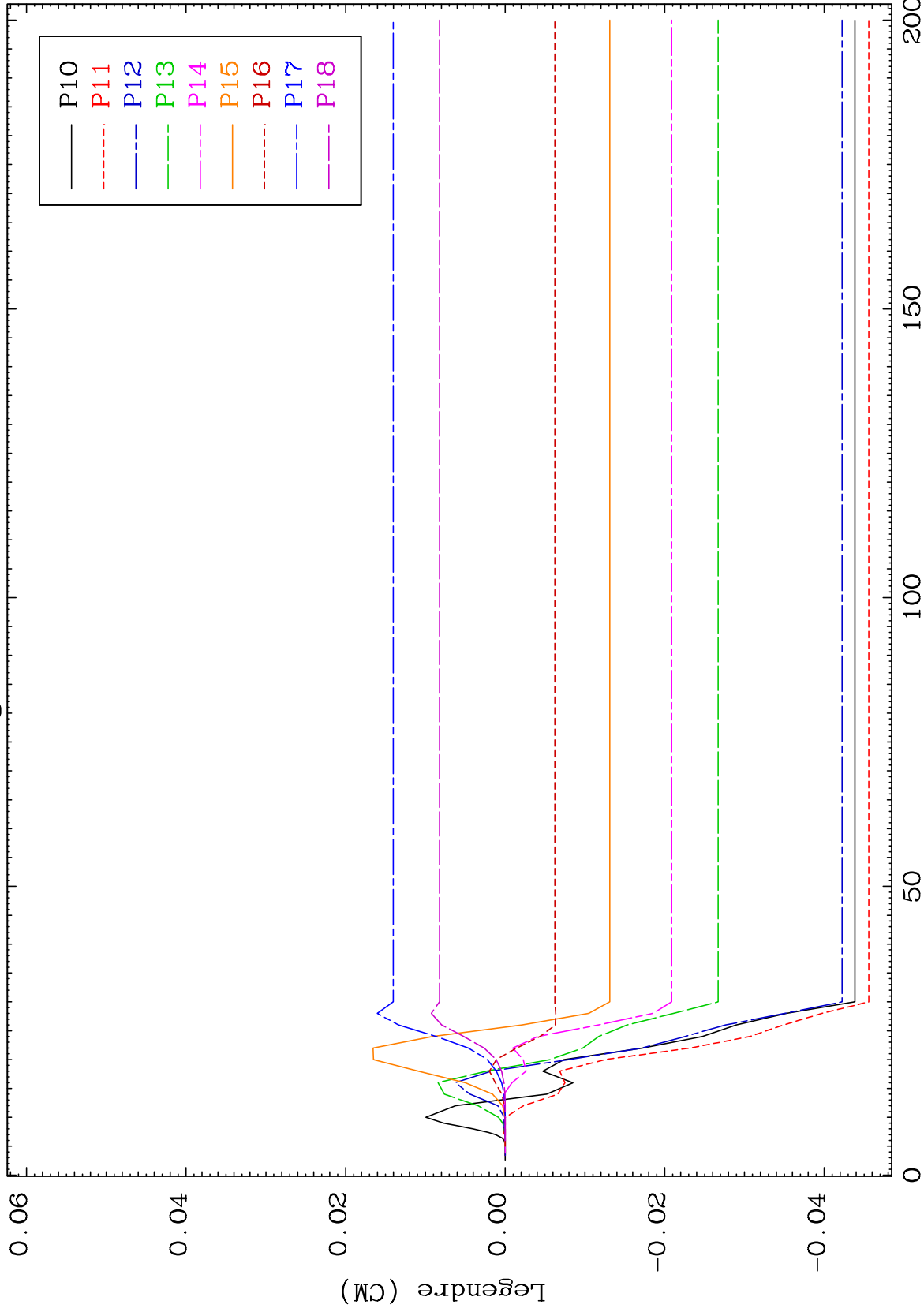
Incident Energy (MeV)

100

MAT 5931

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

59-Pr-143



101

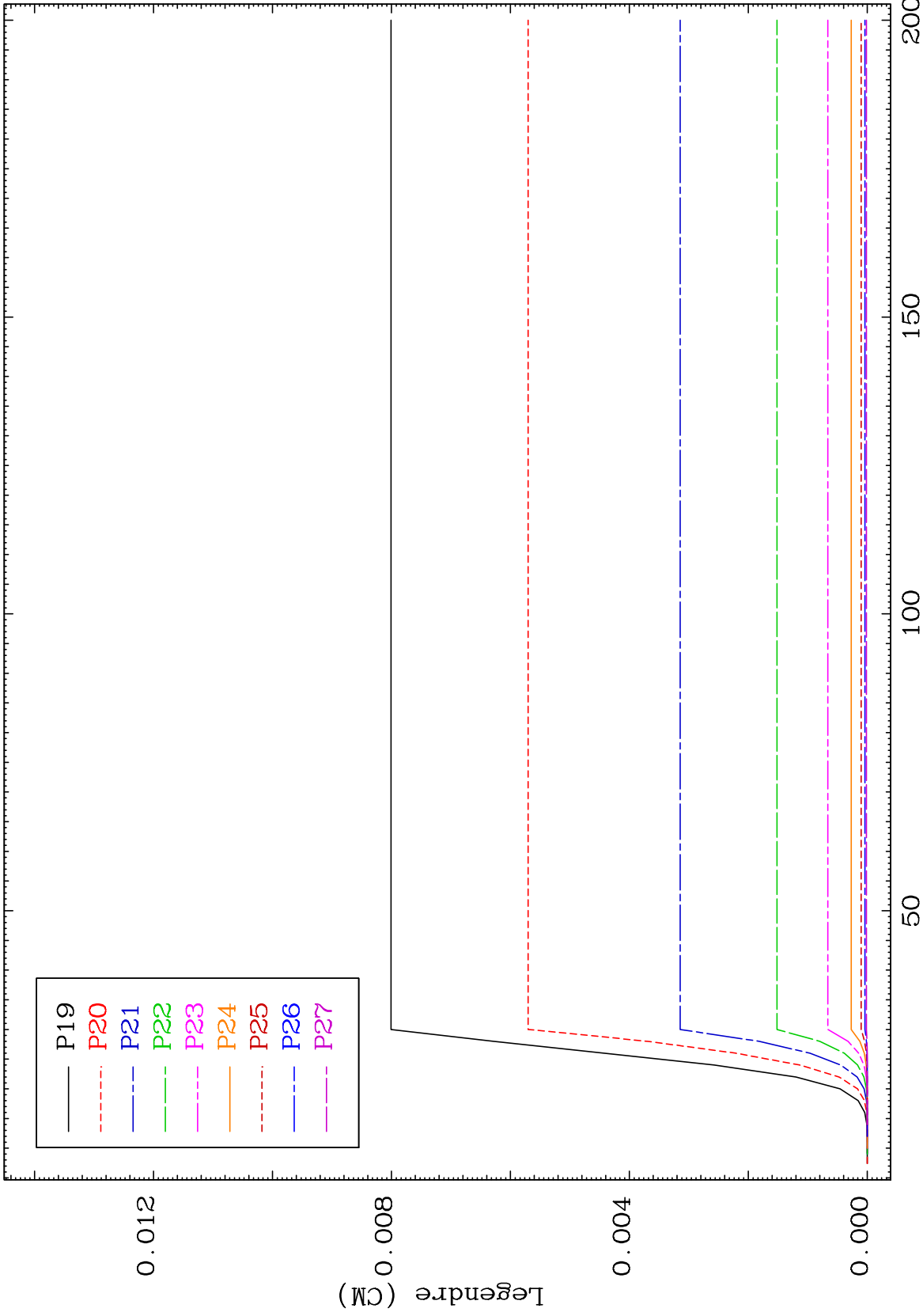
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



102

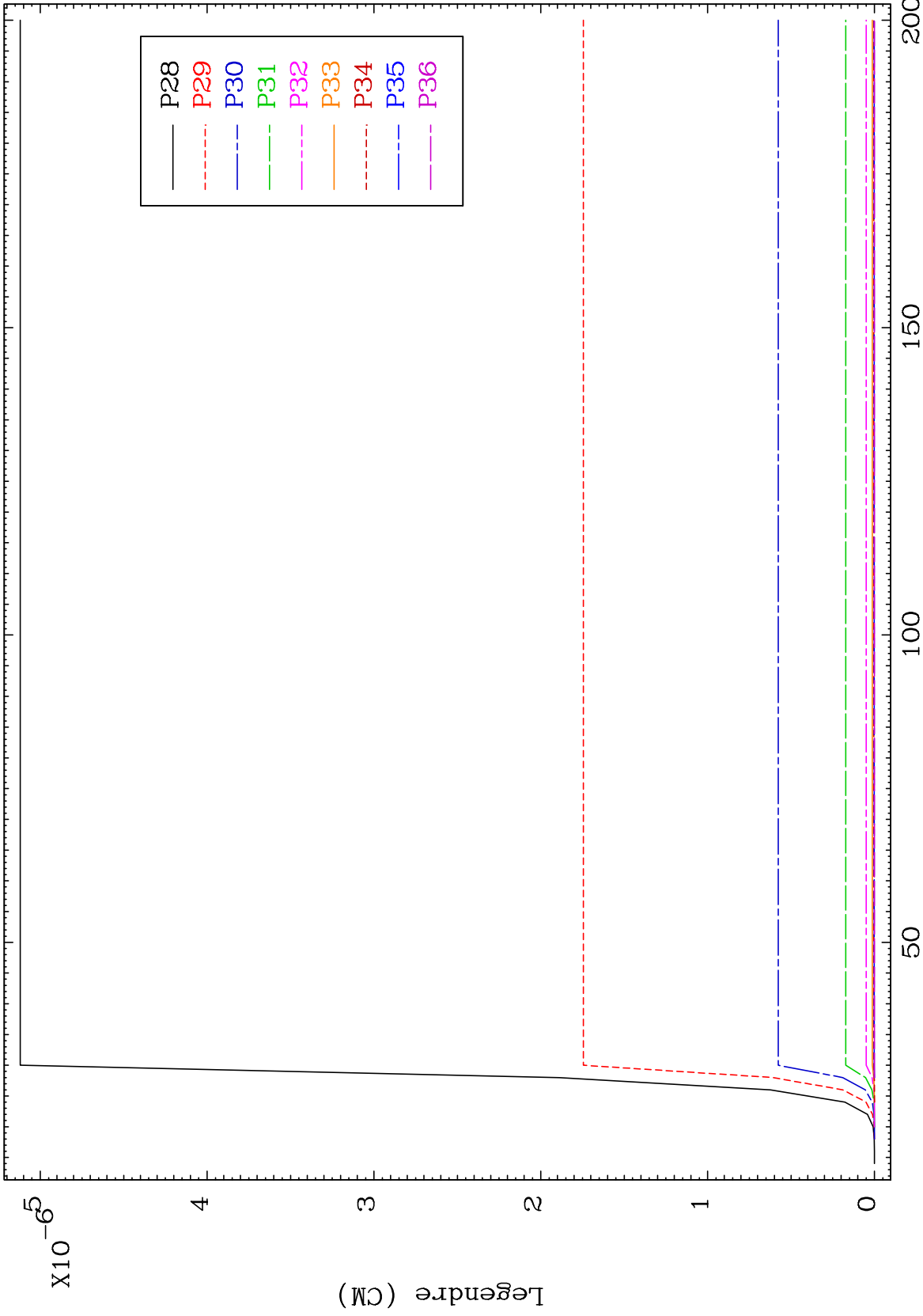
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



103

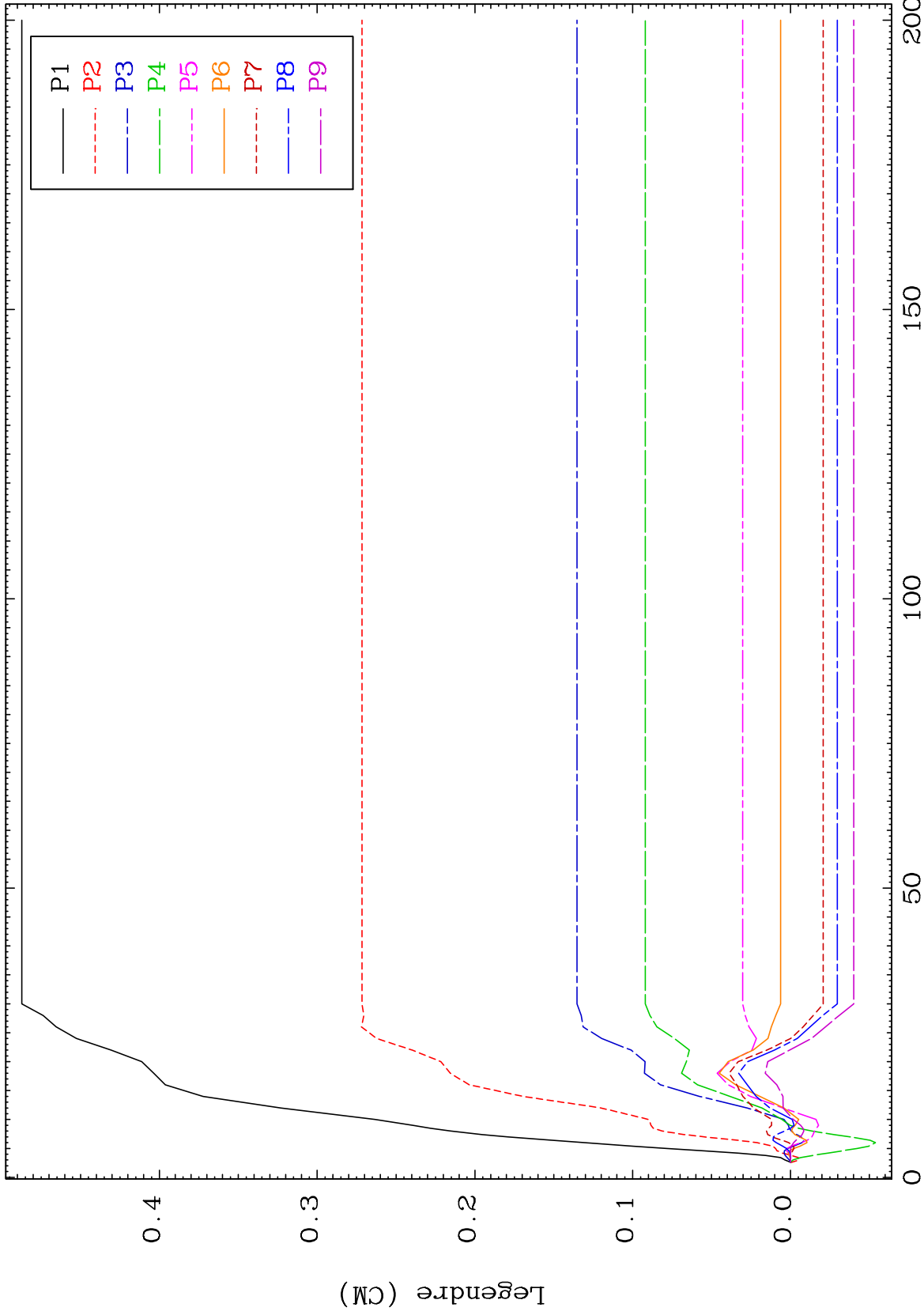
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



104

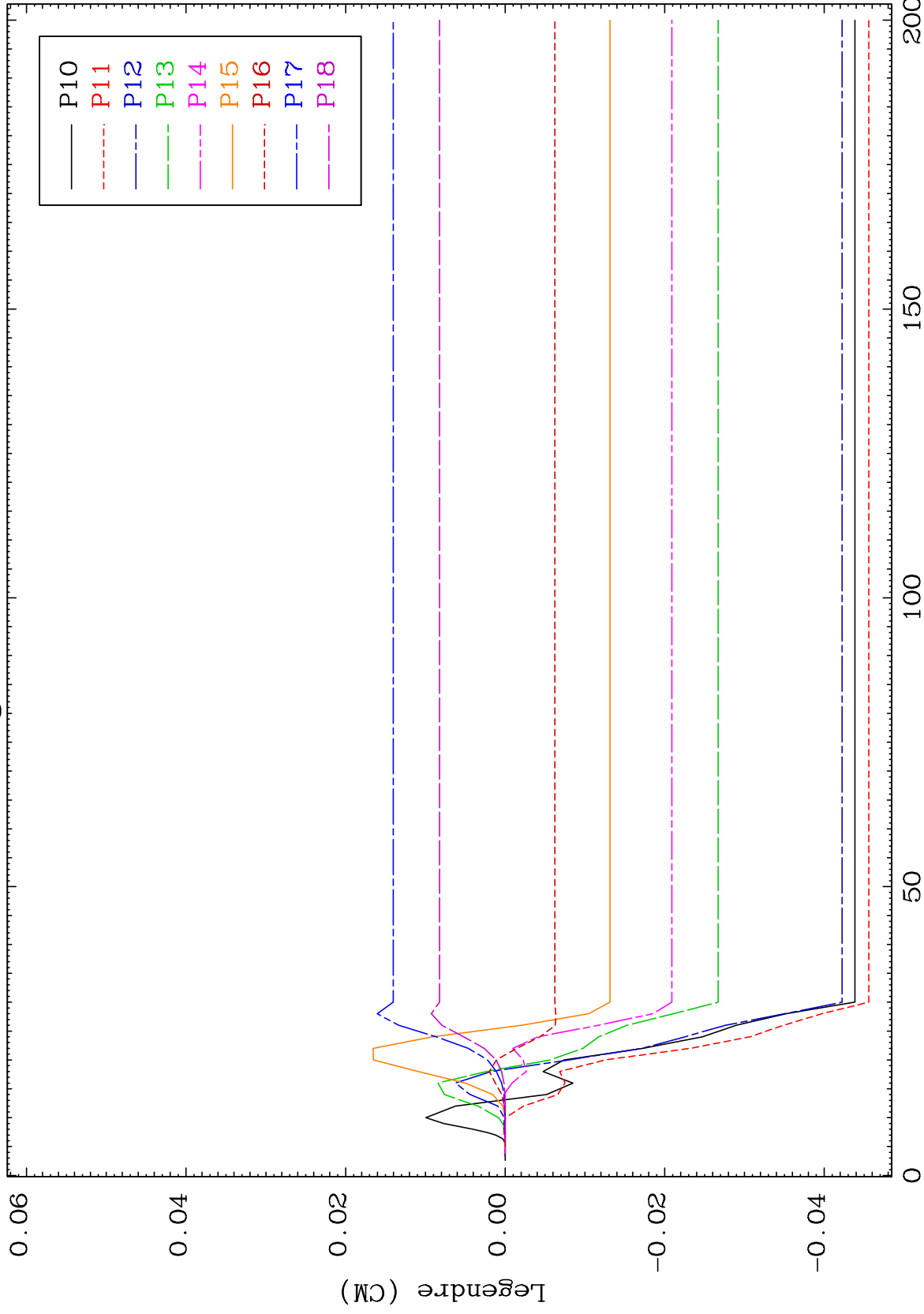
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



105

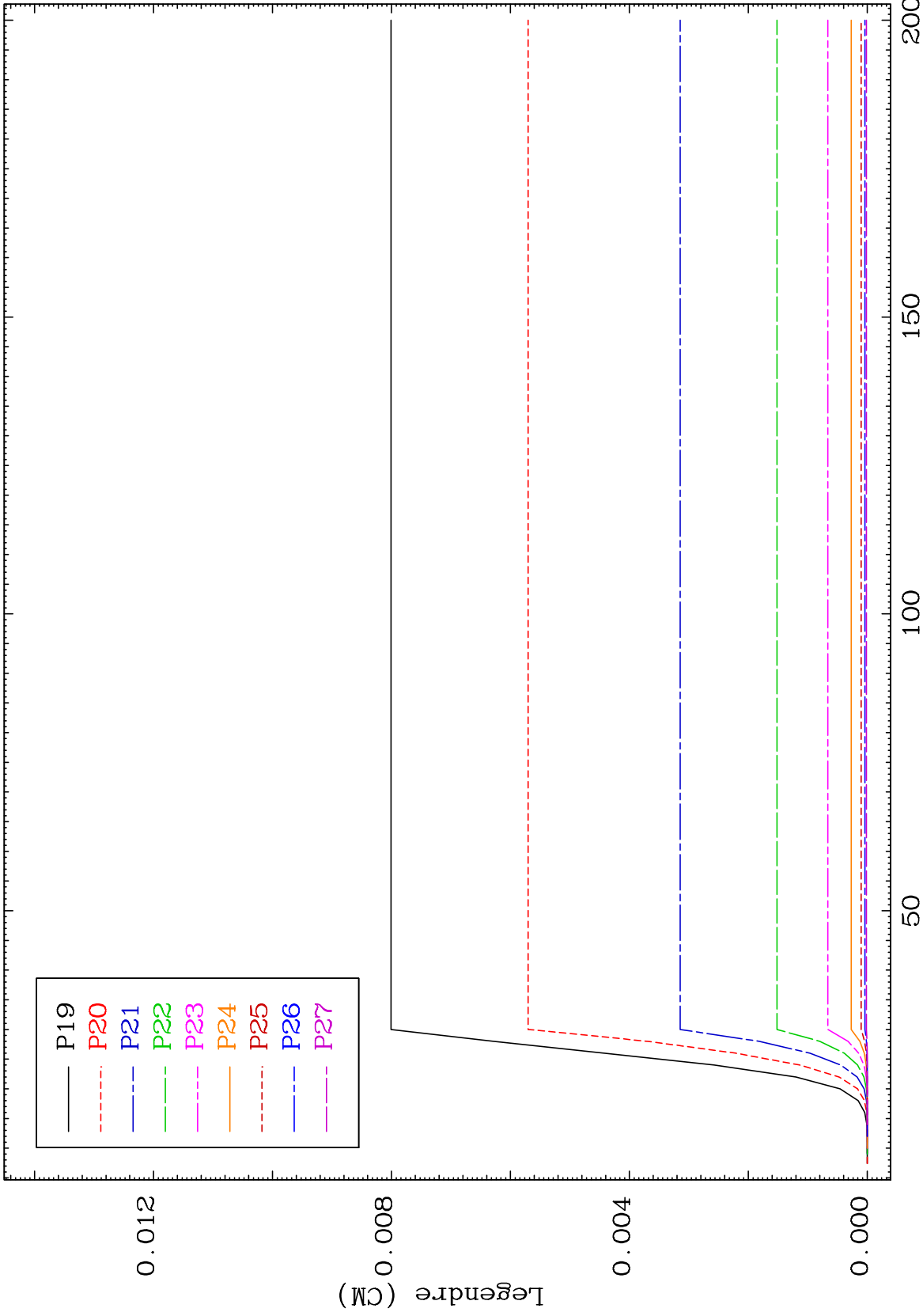
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



106

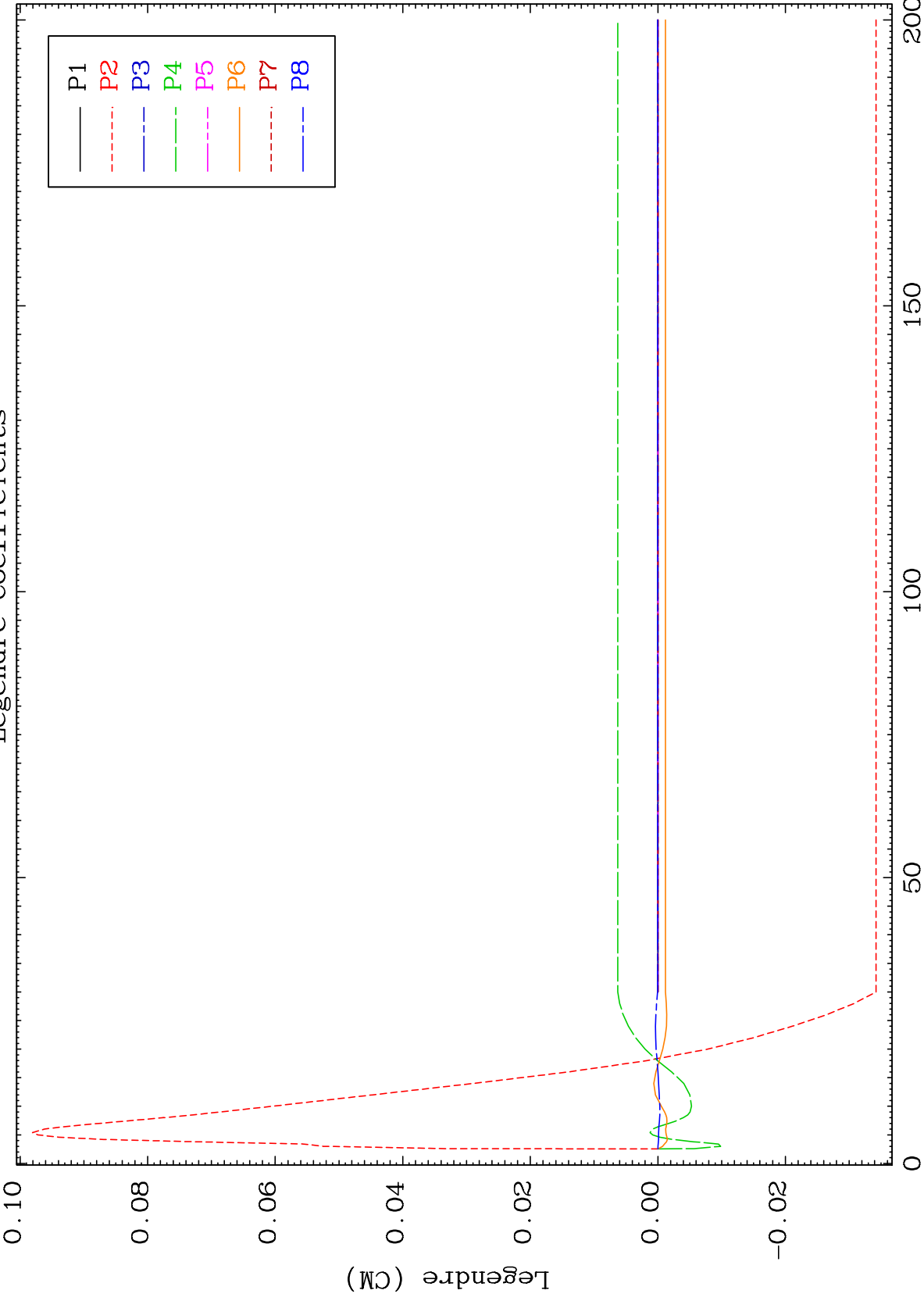
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



59-Pr-143

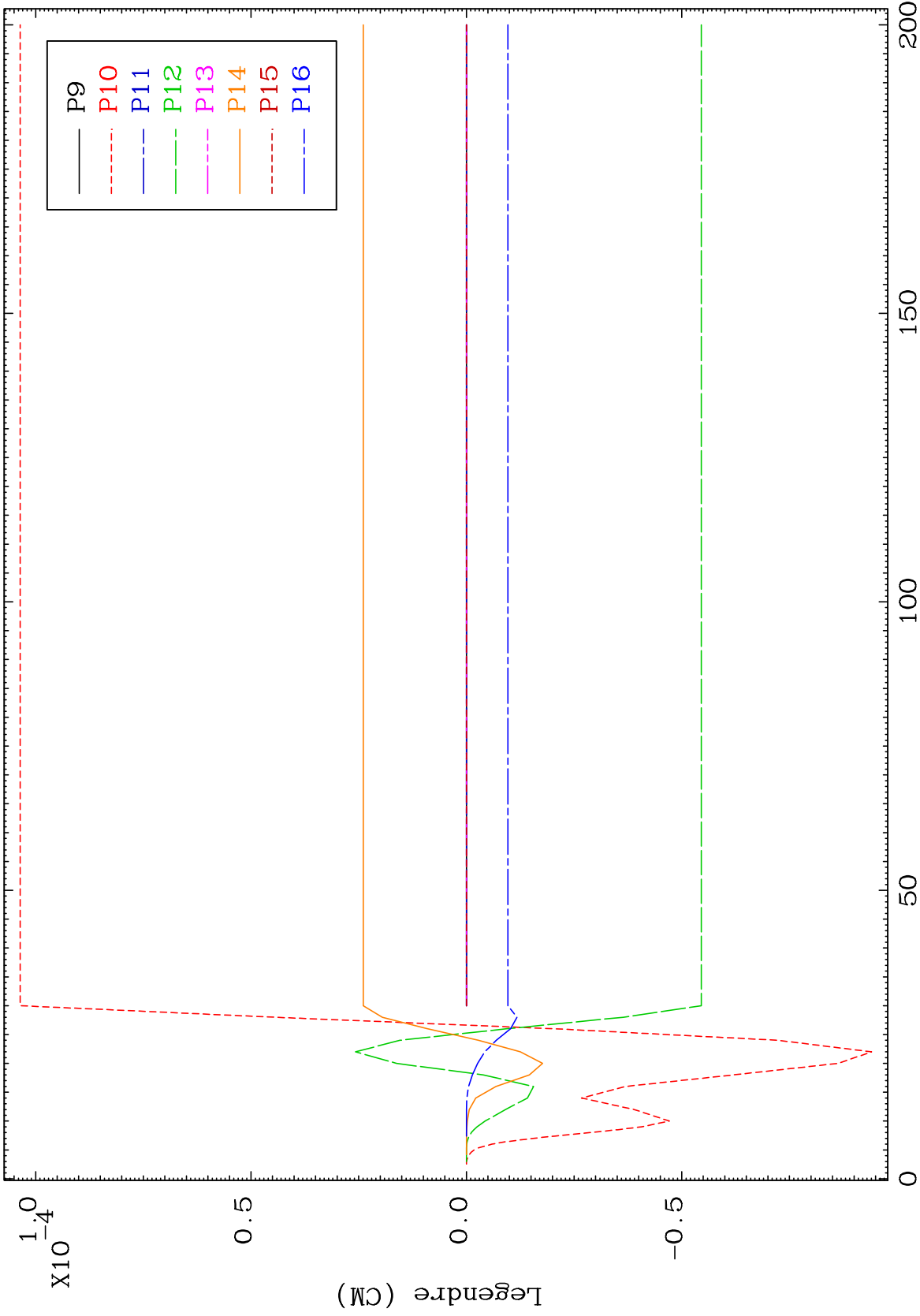
Incident Energy (MeV)

108

MAT 5931

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

59-Pr-143



109

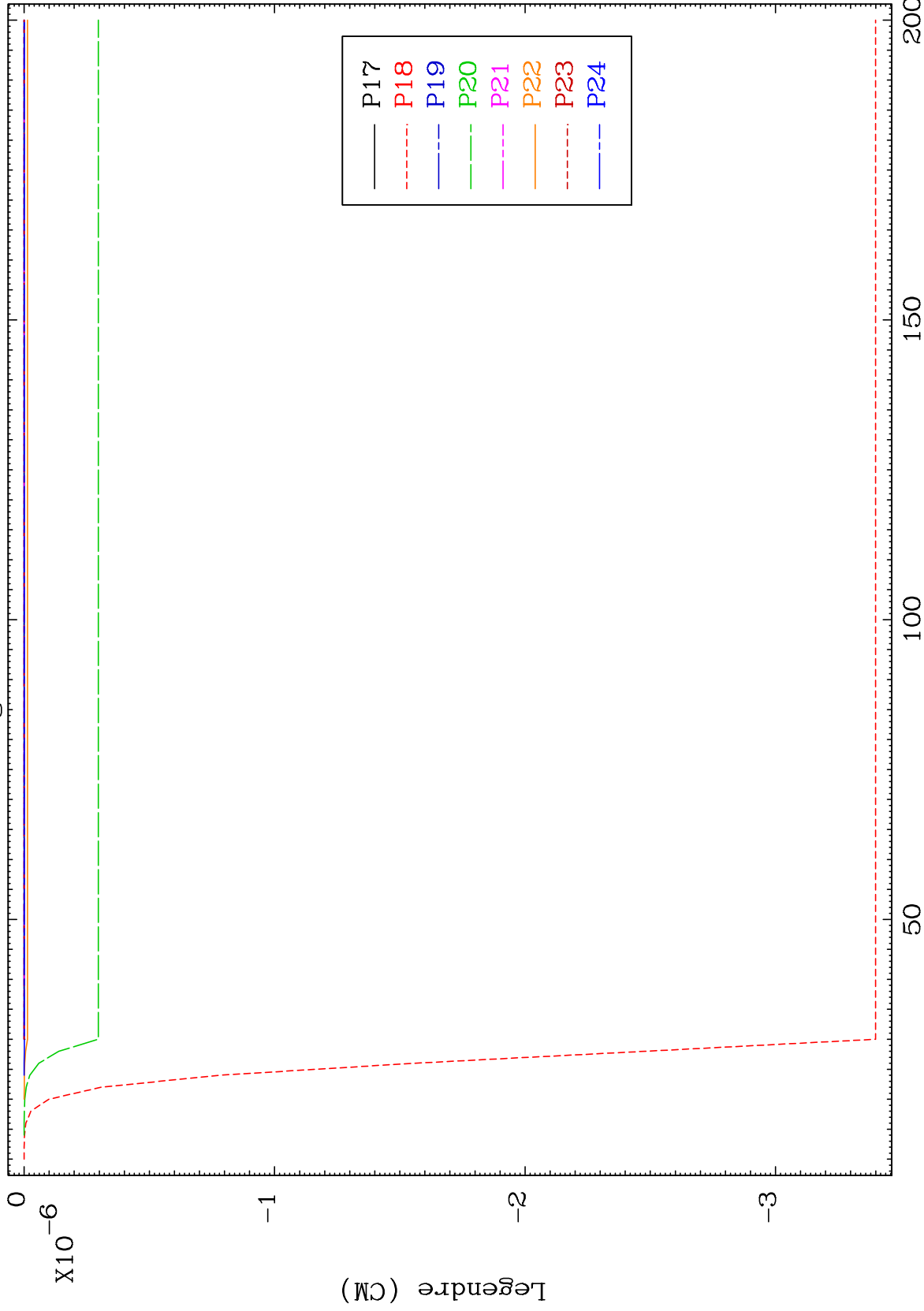
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



110

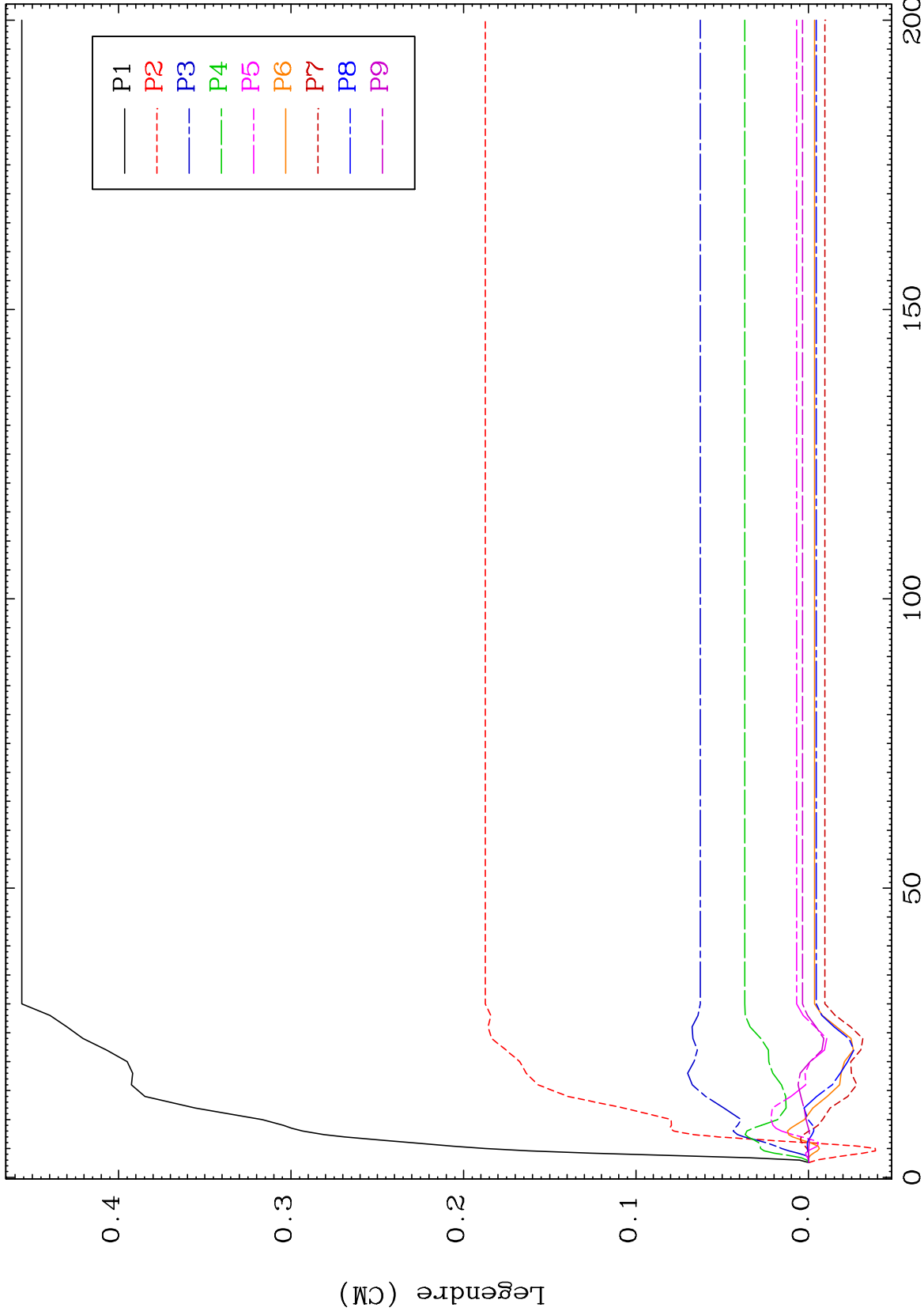
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



111

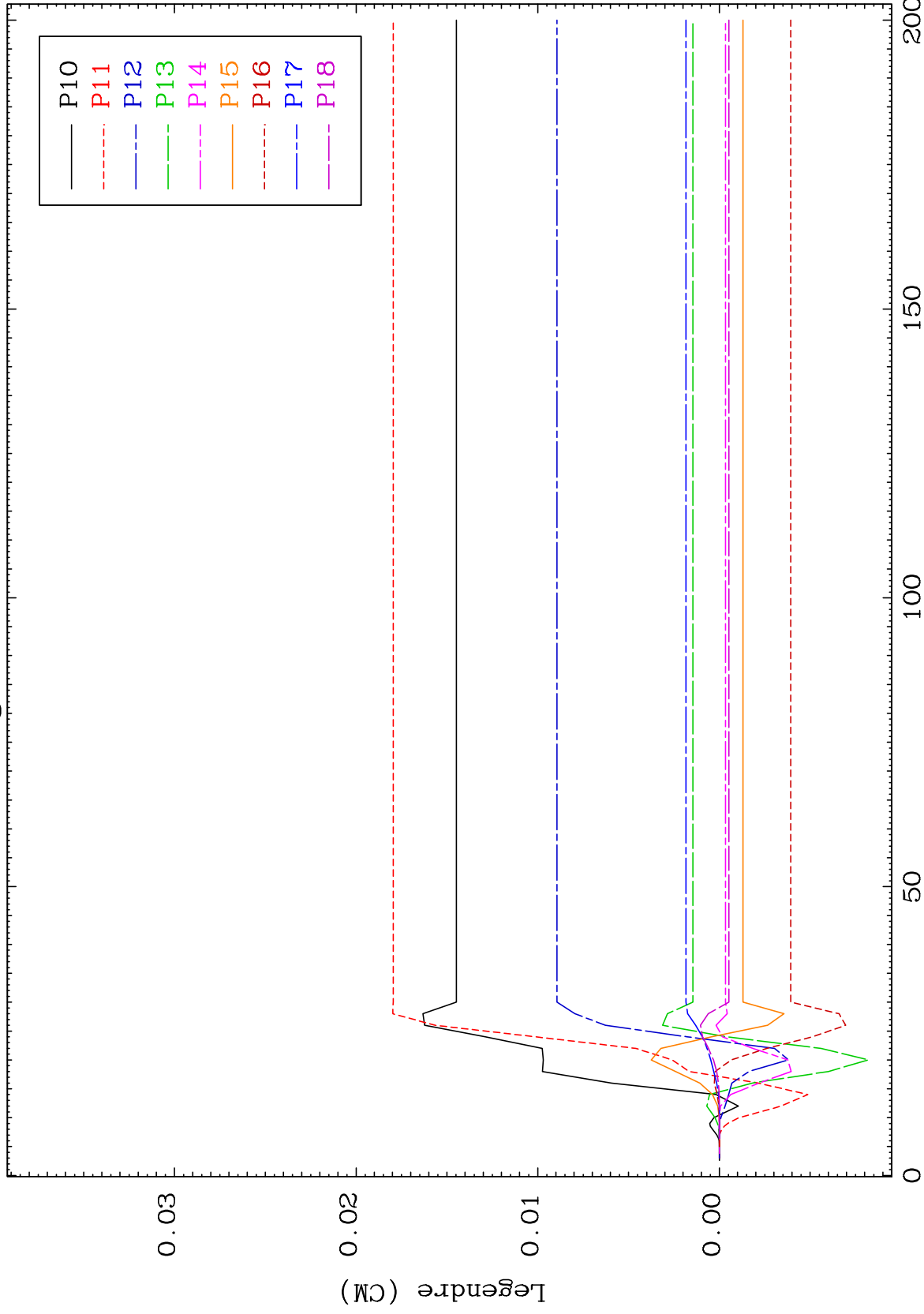
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

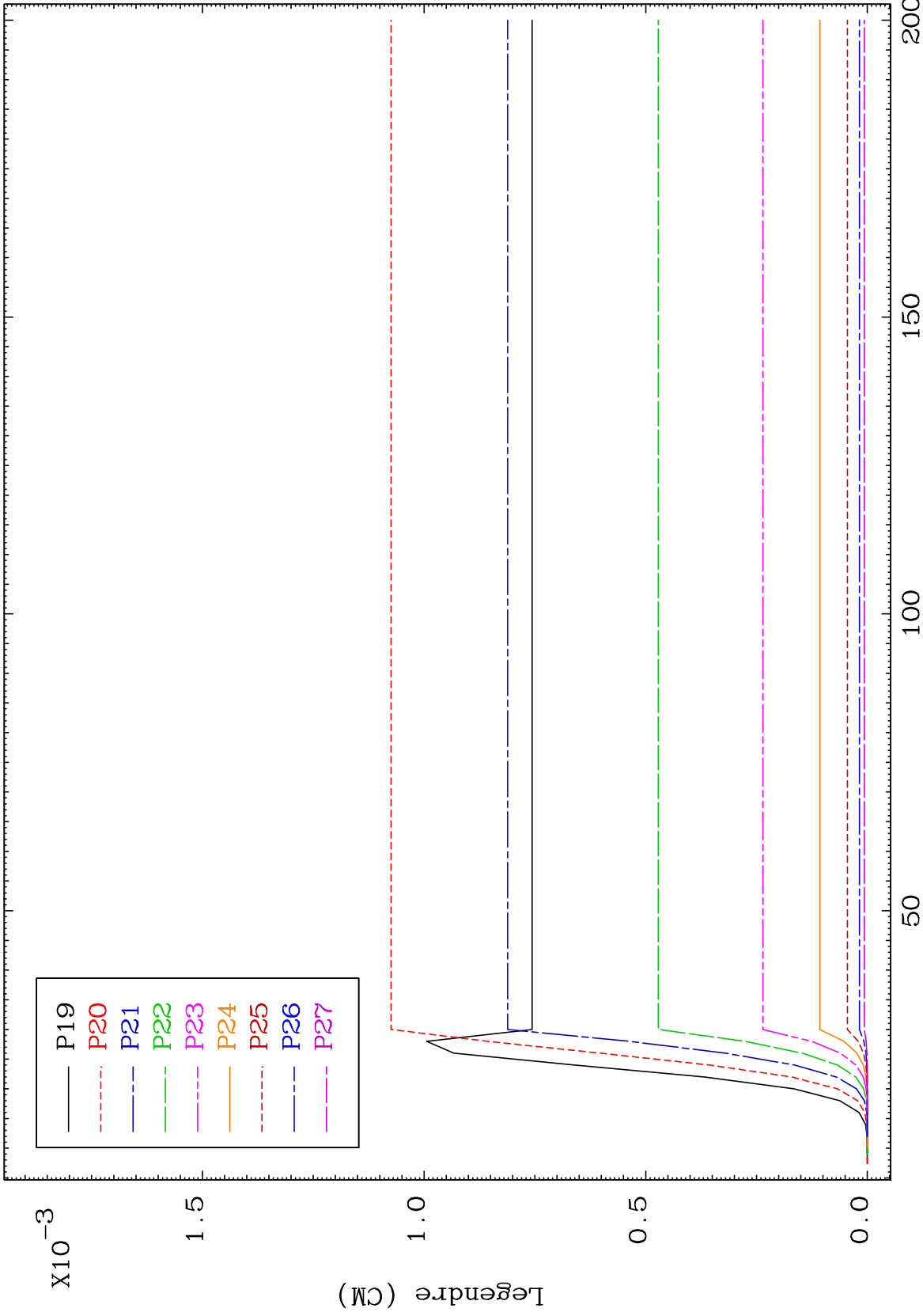
59-Pr-143

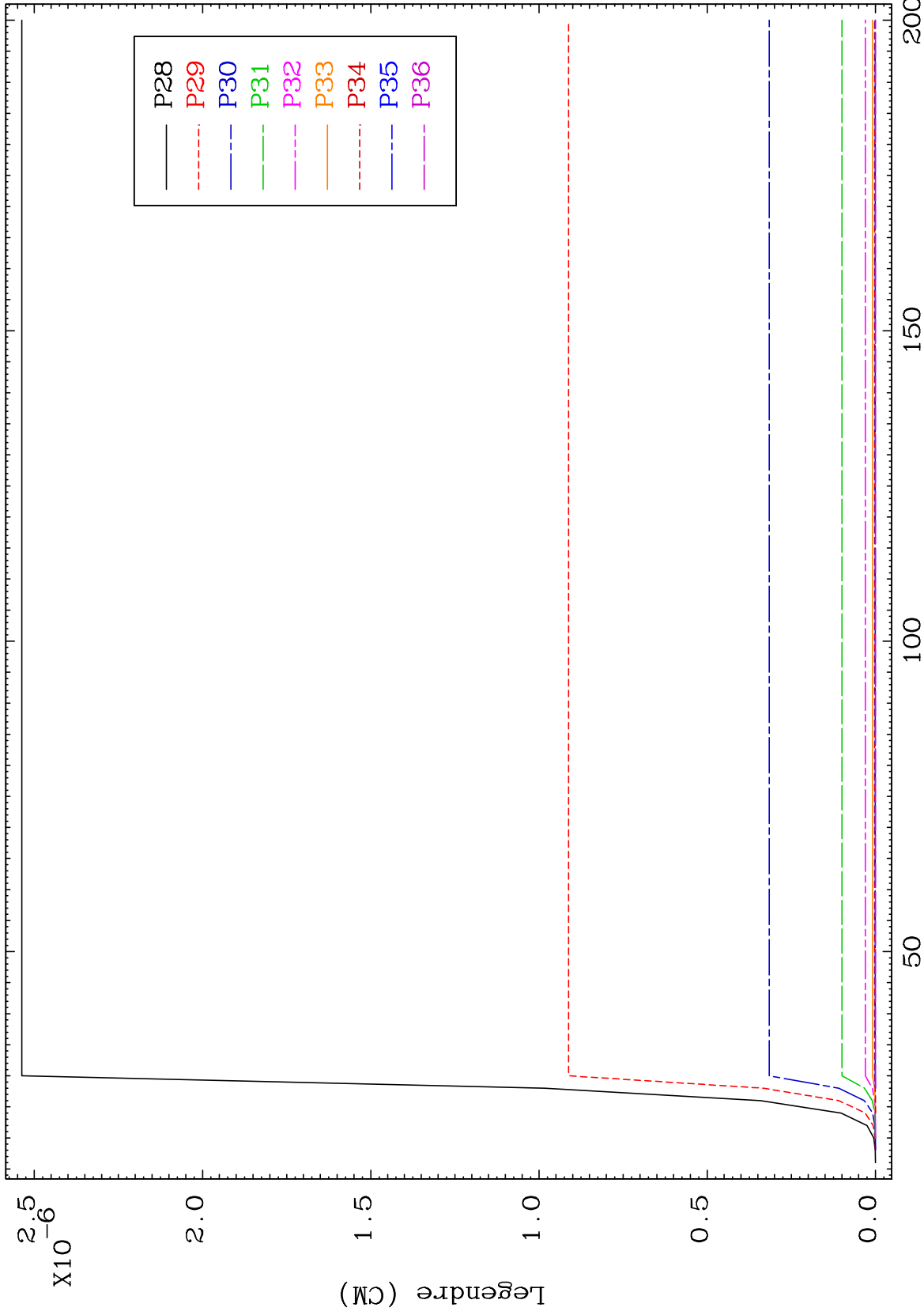


112

Incident Energy (MeV)

59-Pr-143

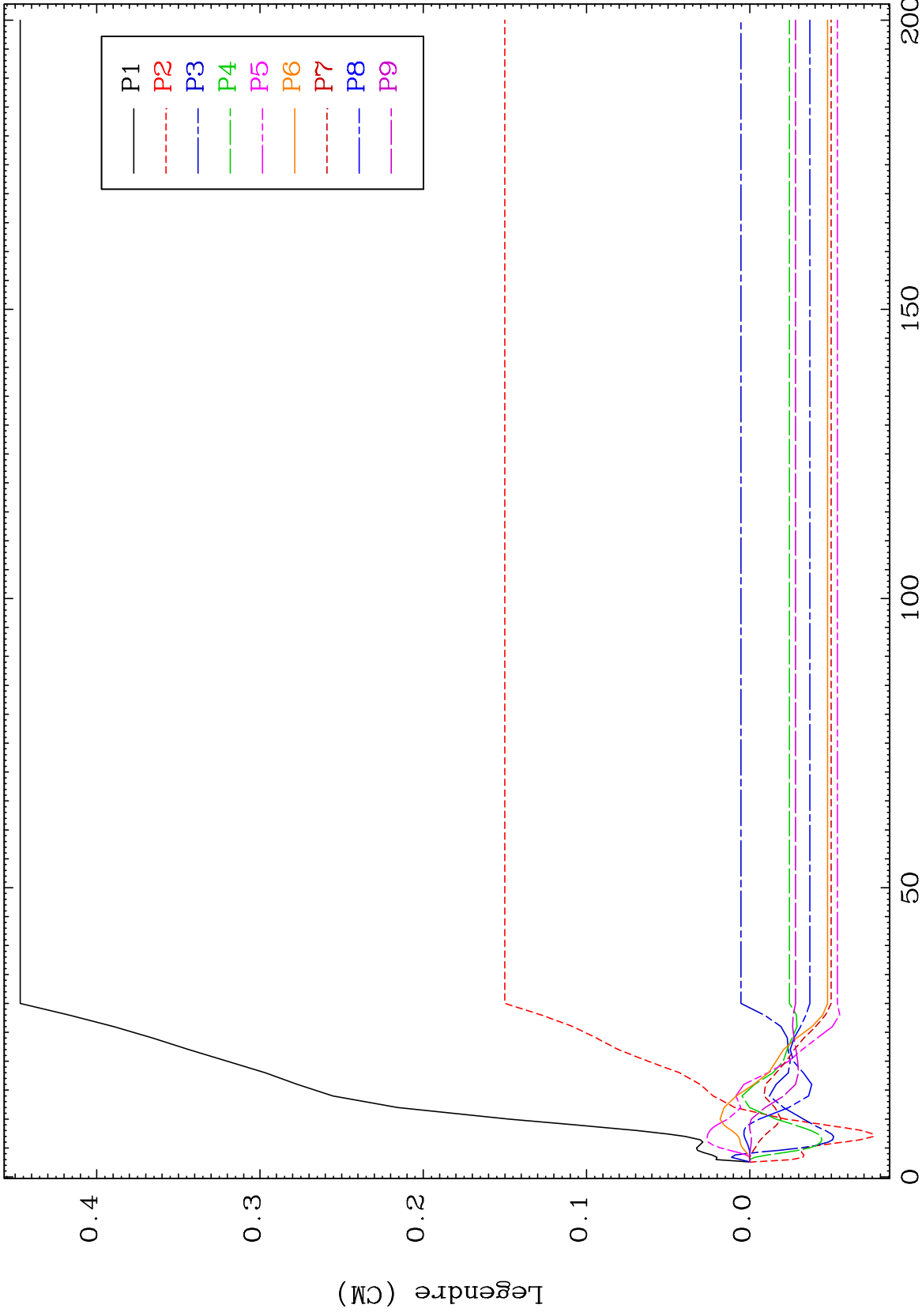




MAT 5931

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

59-Pr-143



115

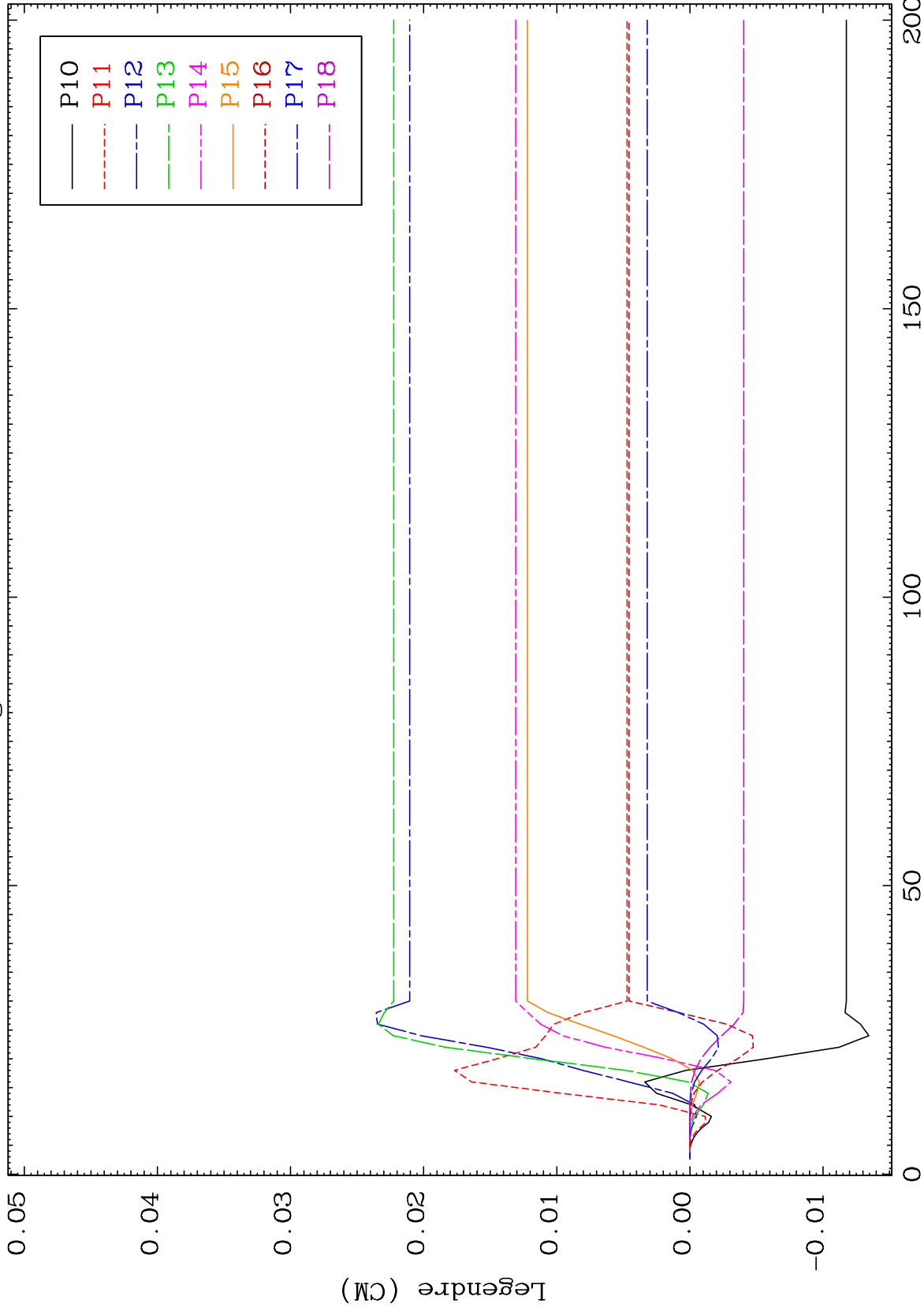
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

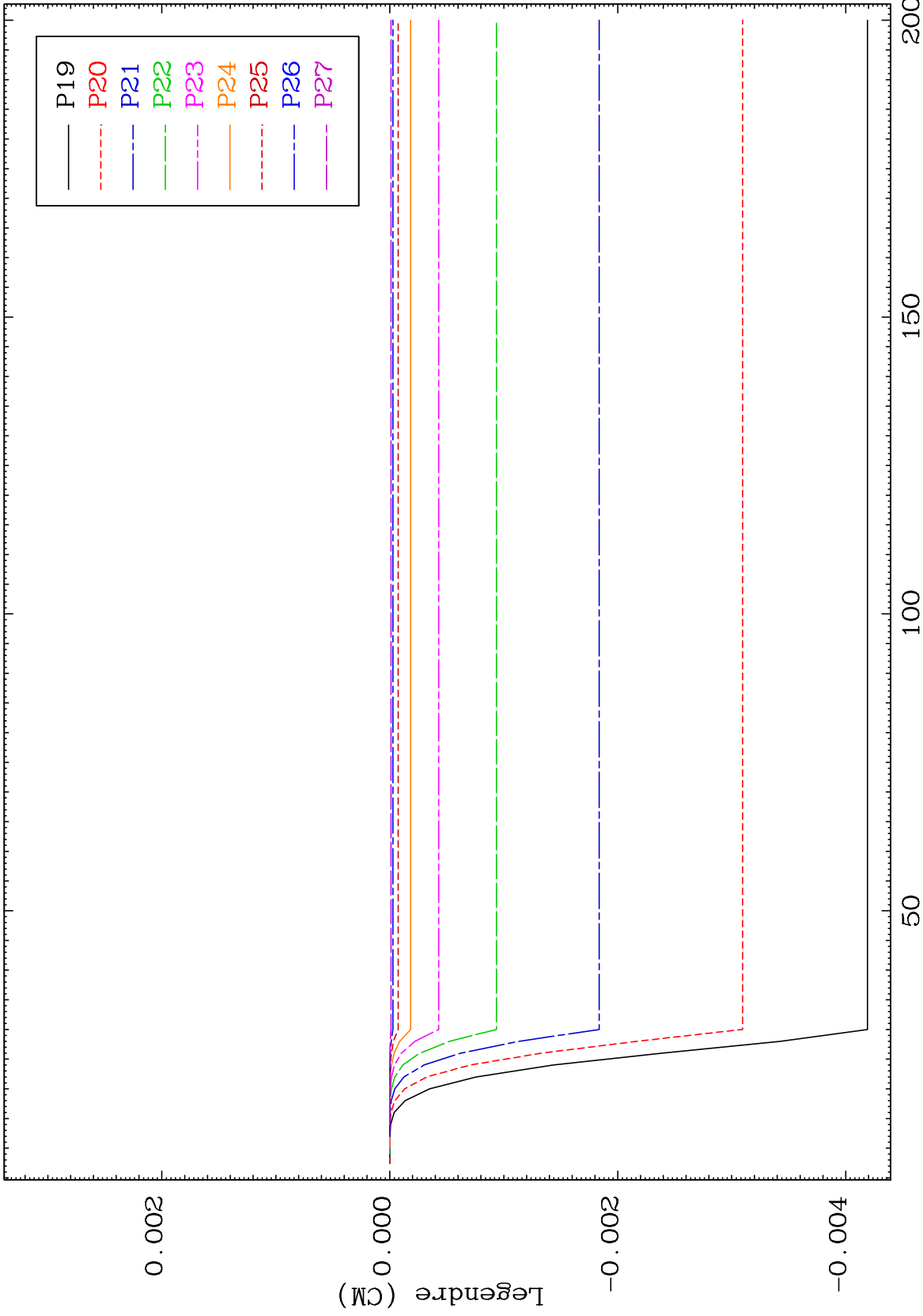
59-Pr-143



116

Incident Energy (MeV)

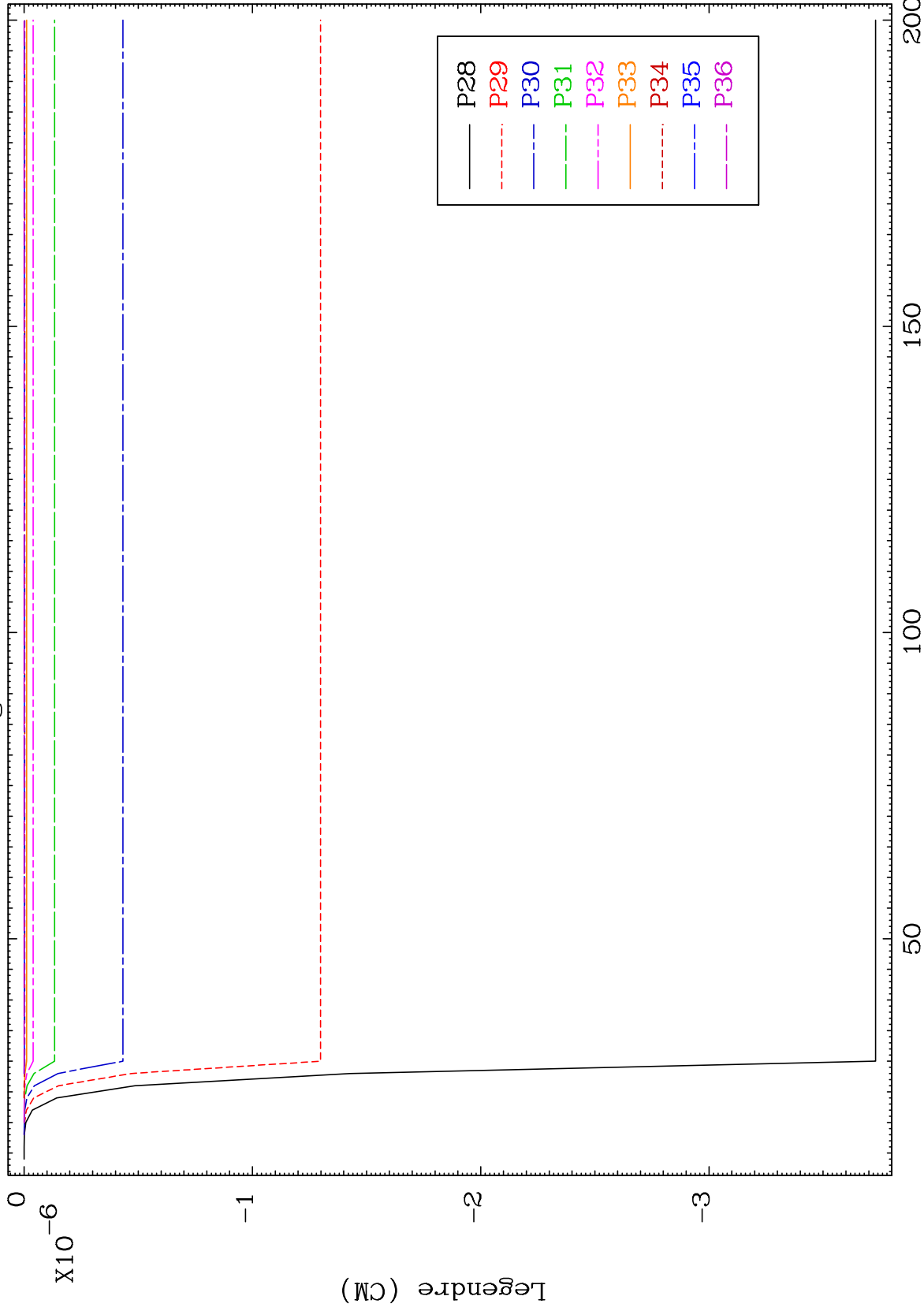
59-Pr-143



MAT 5931

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

59-Pr-143



118

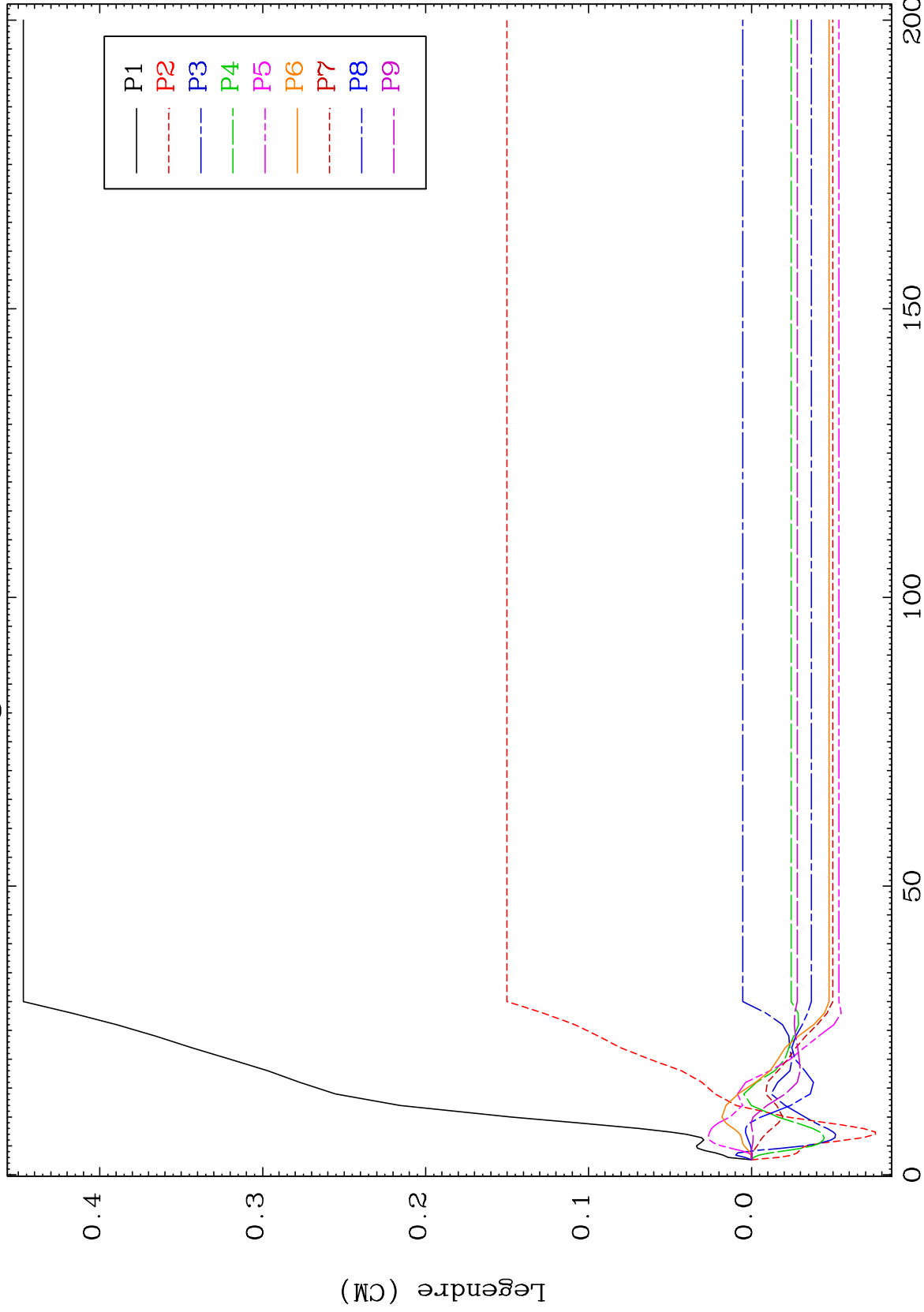
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



119

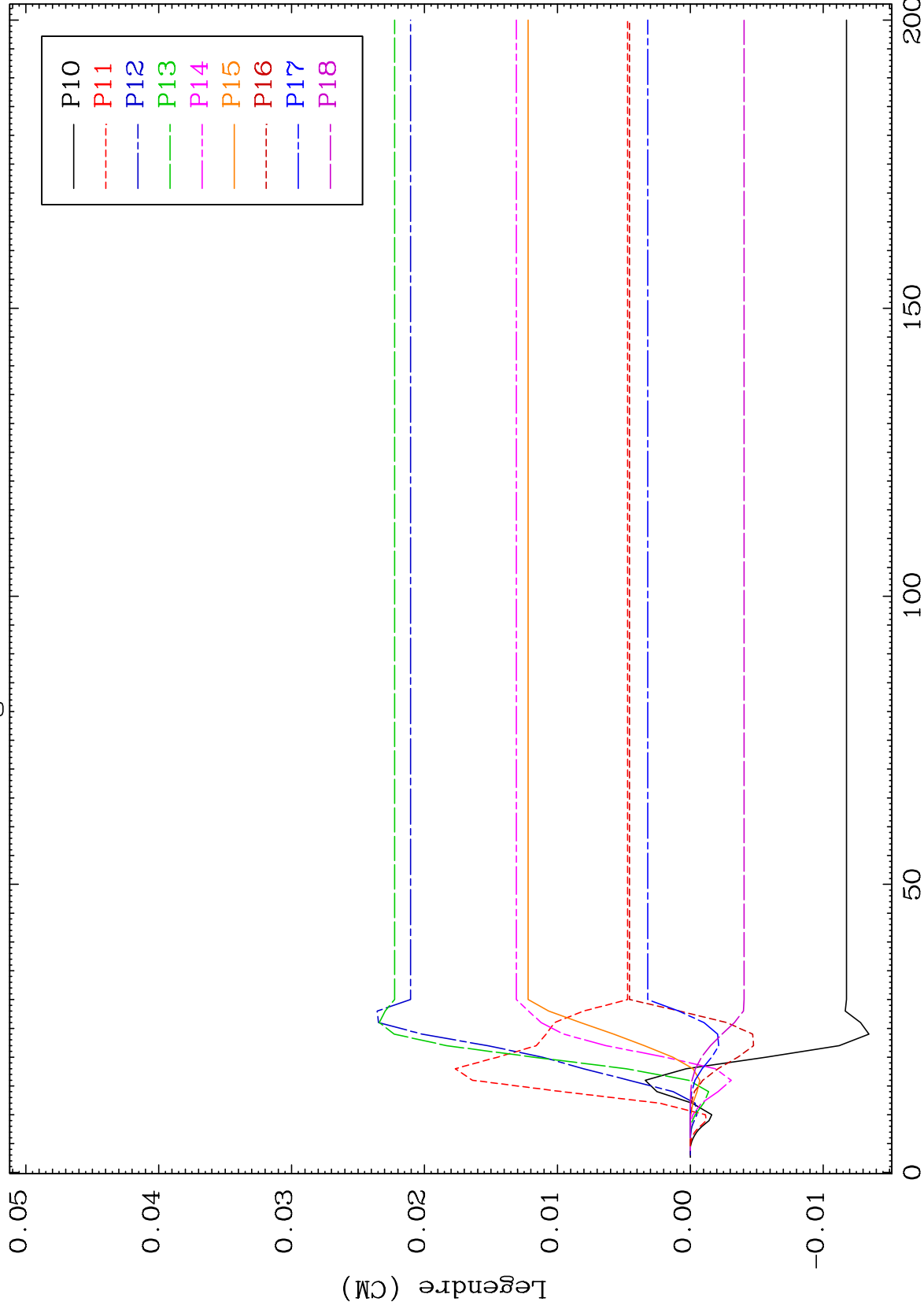
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



59-Pr-143

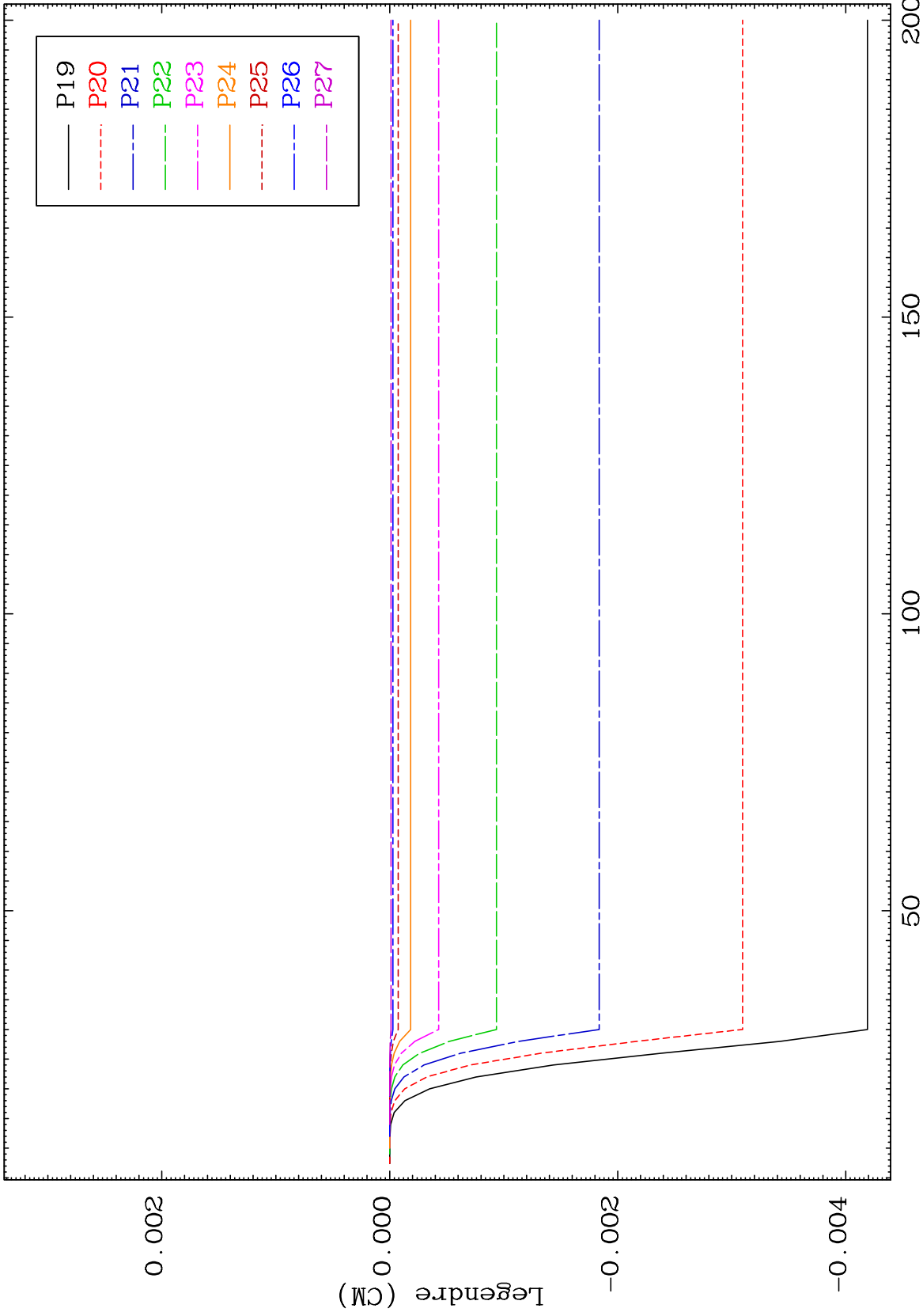
Incident Energy (MeV)

120

MAT 5931

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

59-Pr-143



121

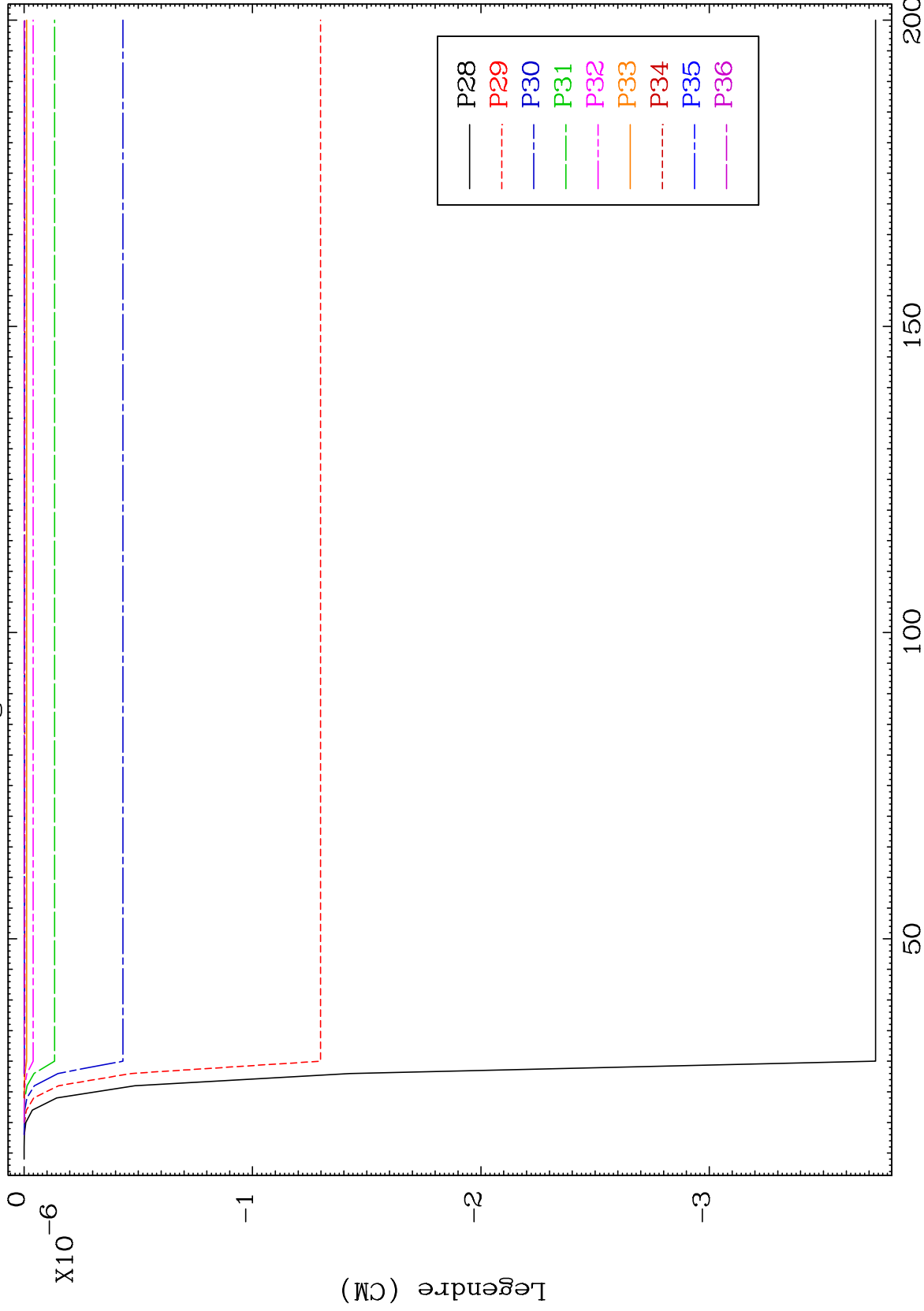
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



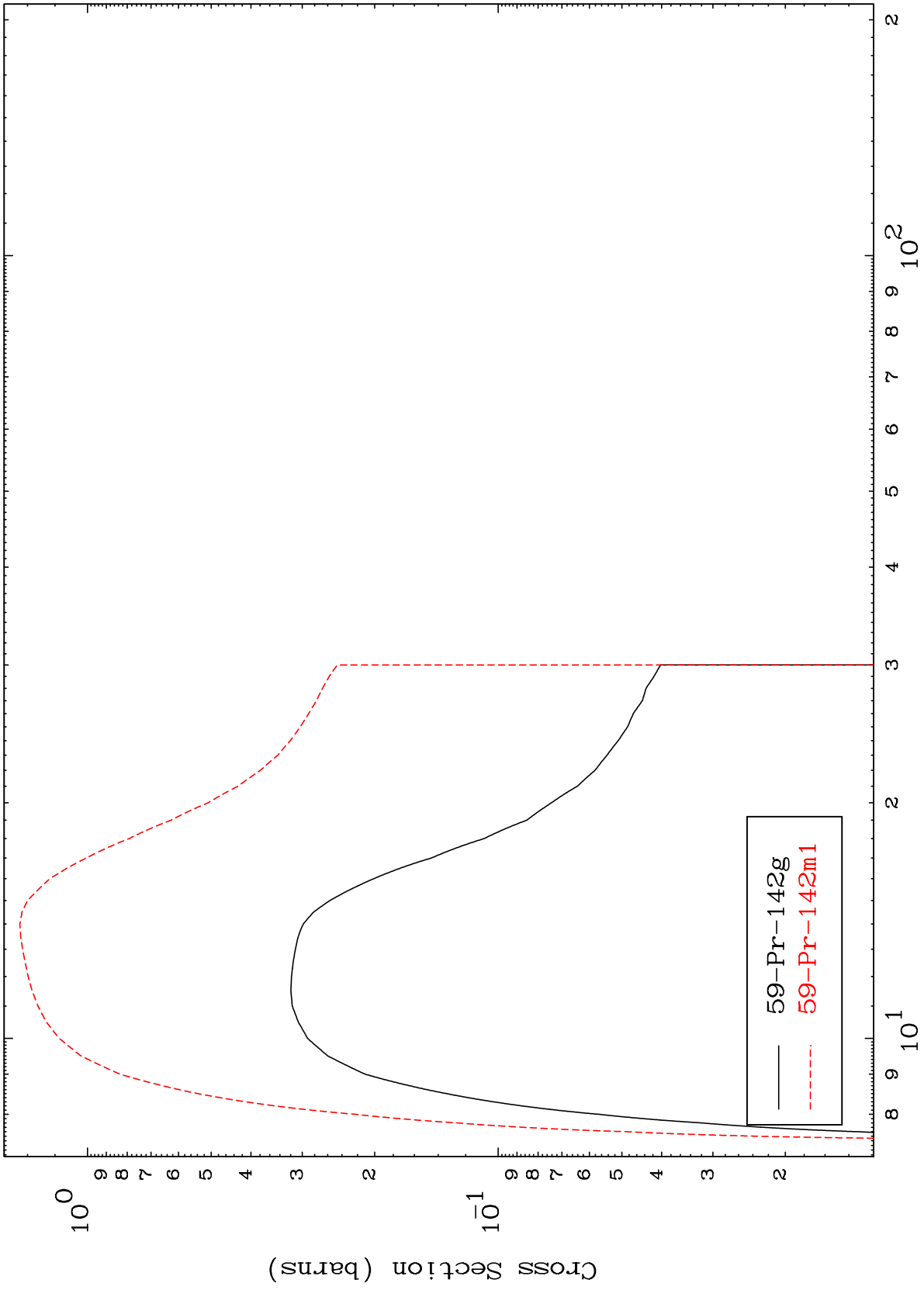
122

59-Pr-143

MAT 5931

59-Pr-143

(n,2n)
Radionuclide Production Cross Section



123

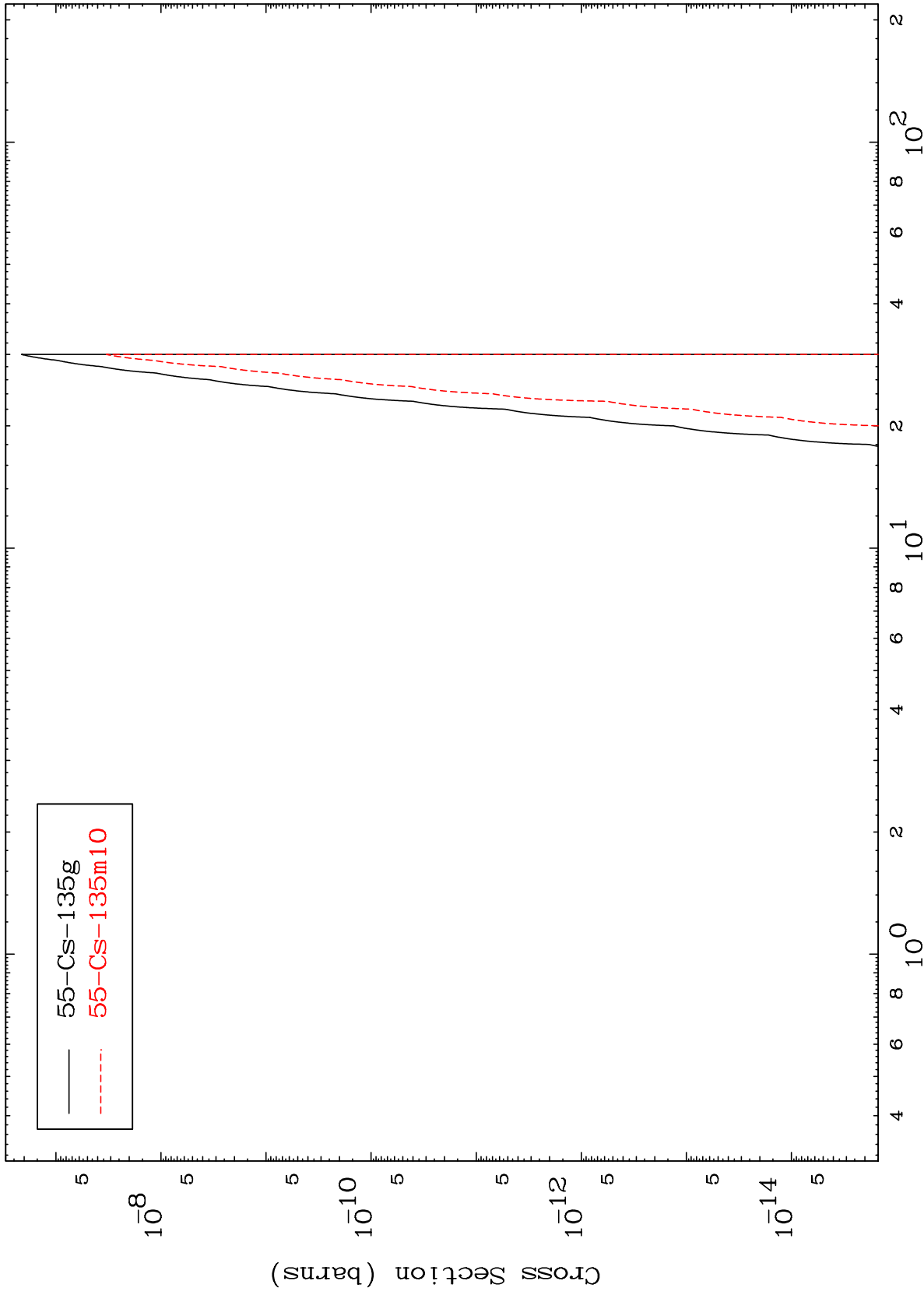
59-Pr-143

MAT 5931

(n,n') 2 α

59-Pr-143

Radionuclide Production Cross Section



124

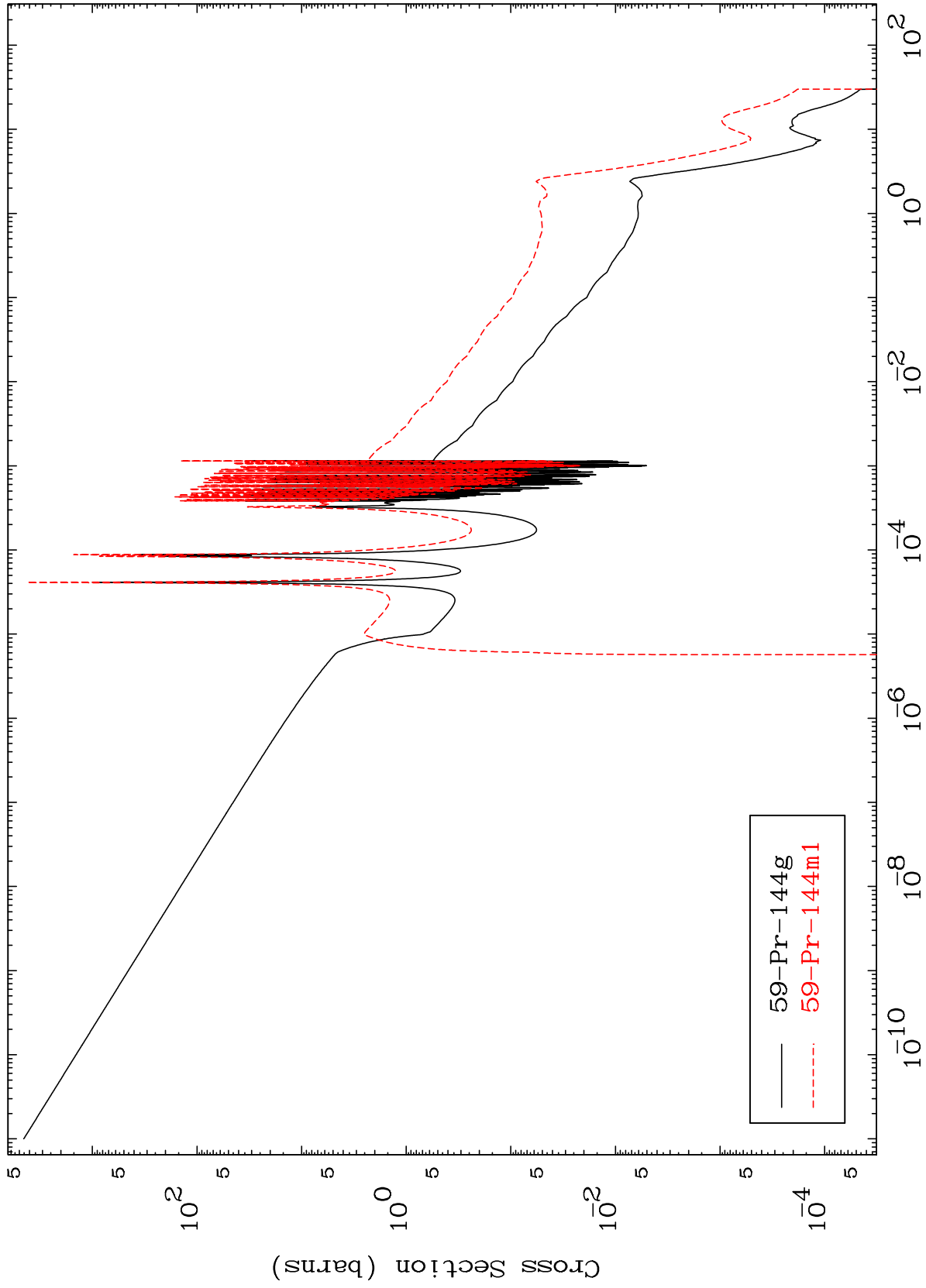
Incident Energy (MeV)

59-Pr-143

MAT 5931

59-Pr-143

(n,γ)
Radionuclide Production Cross Section



125

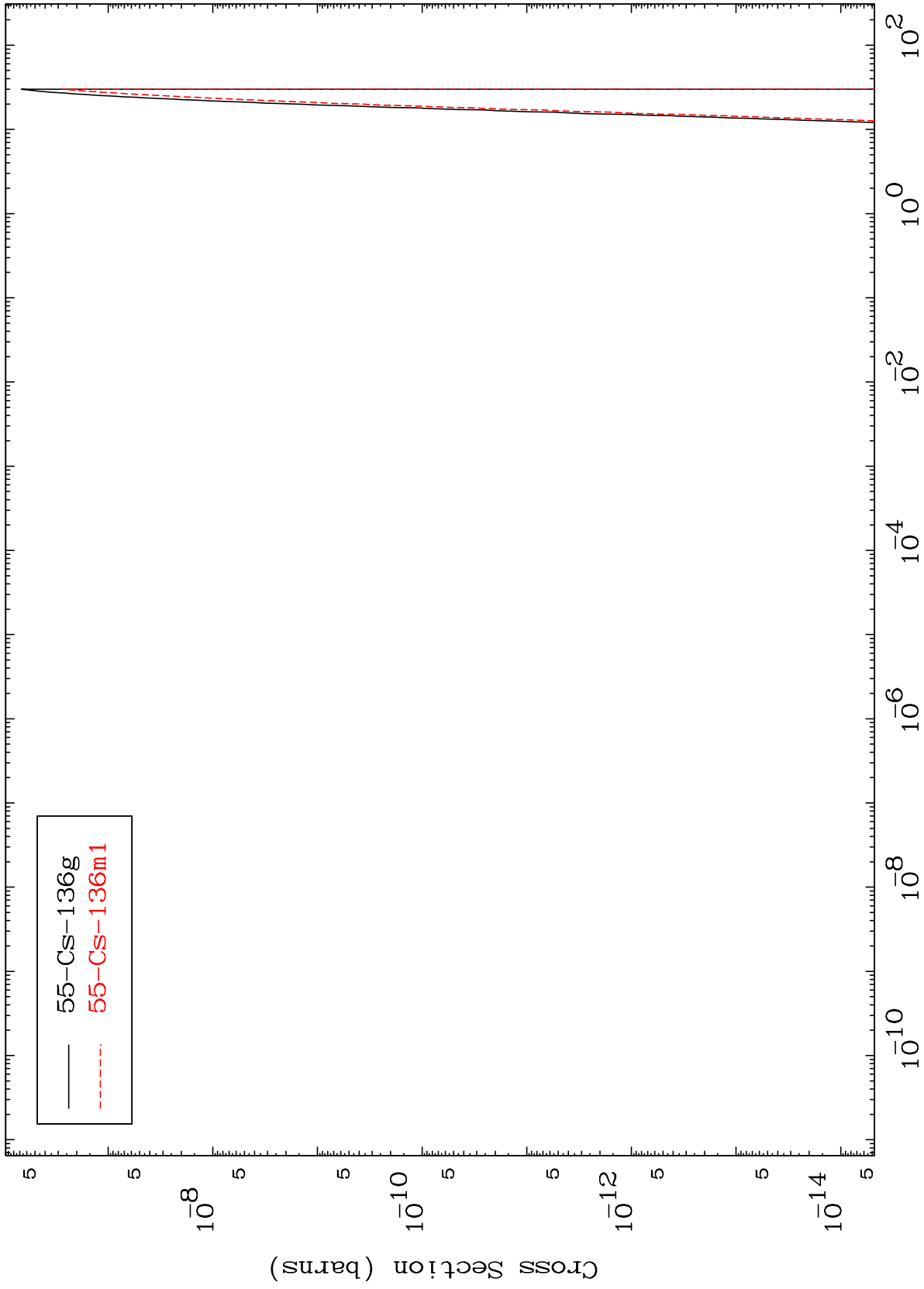
59-Pr-143

MAT 5931

(n,2α)

59-Pr-143

Radionuclide Production Cross Section



126

Incident Energy (MeV)

59-Pr-143