

Program EVALPLOT
(Version 2018-1)

by

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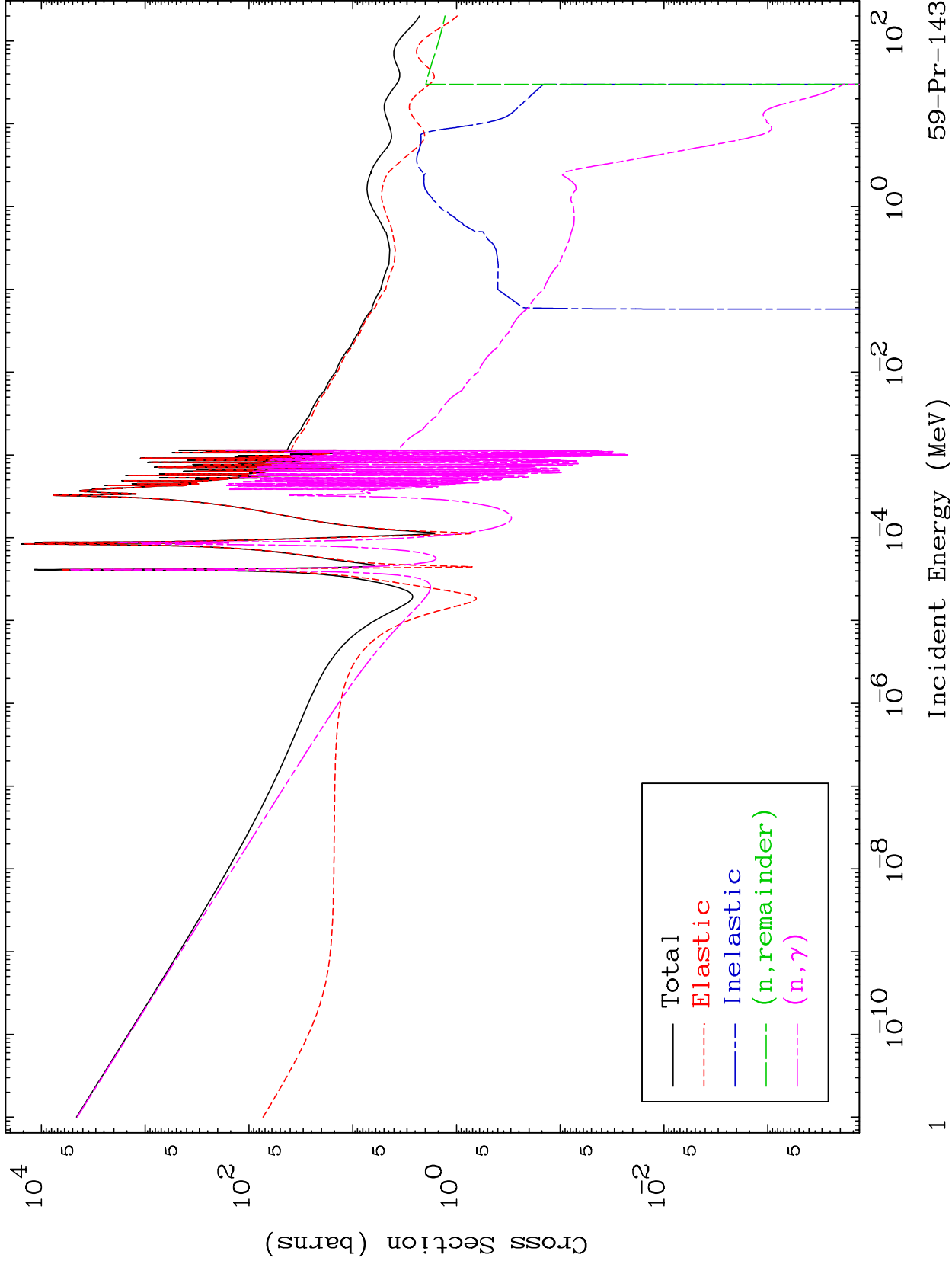
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Press Mouse Button to Start

MAT 5931

Major
293 Kelvin Cross Sections

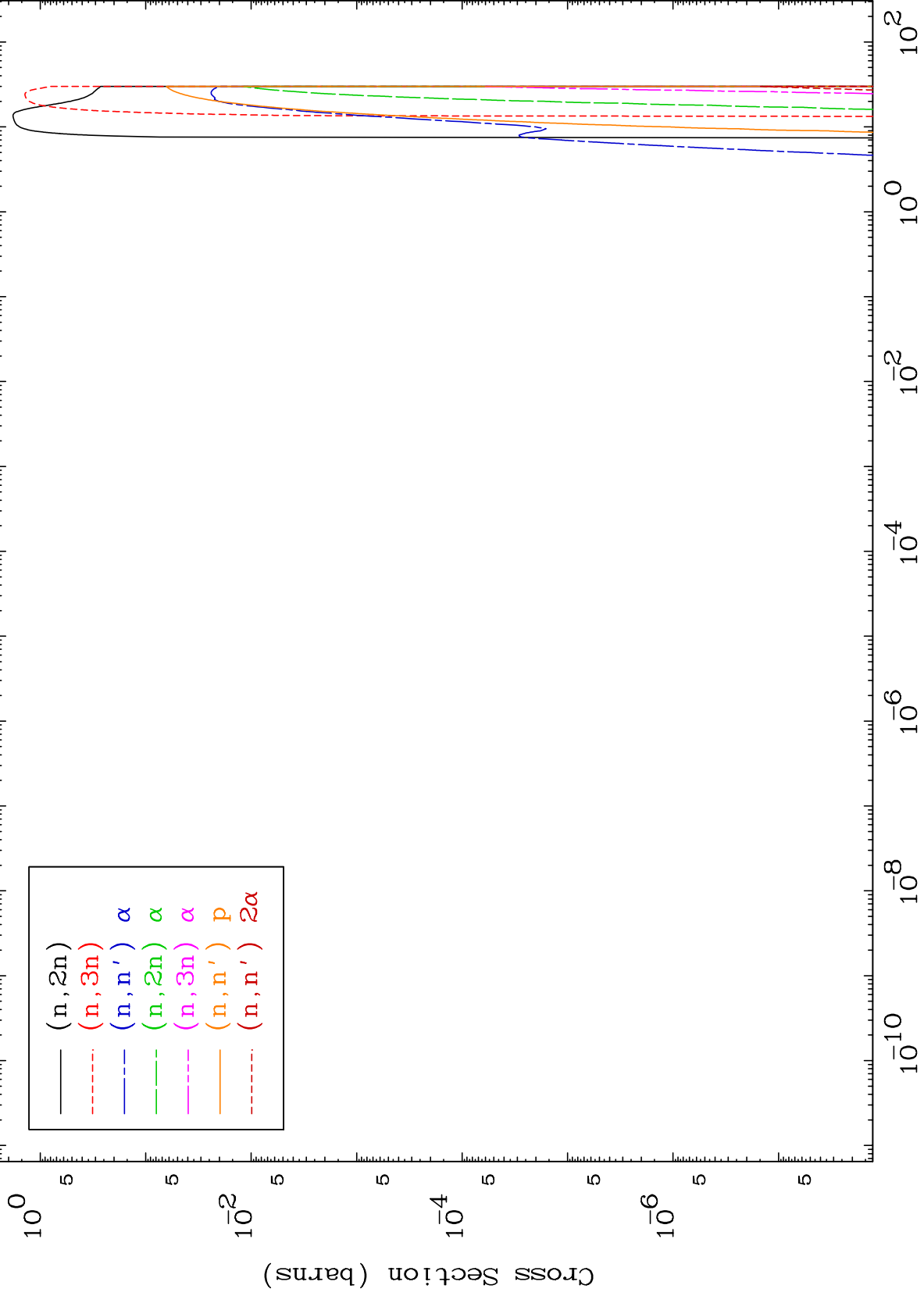
59-Pr-143



MAT 5931

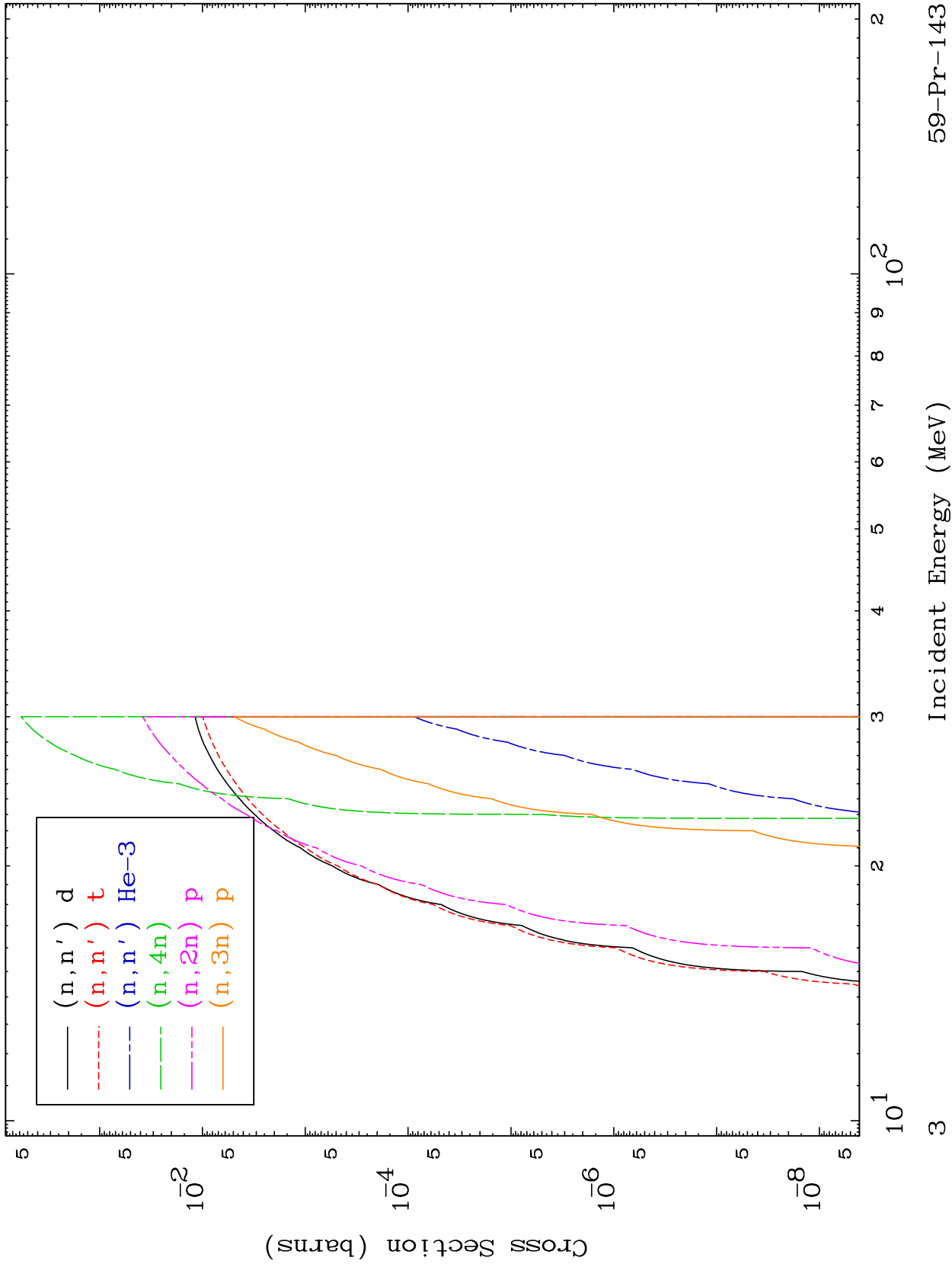
Neutron Production
293 Kelvin Cross Sections

59-Pr-143



59-Pr-143

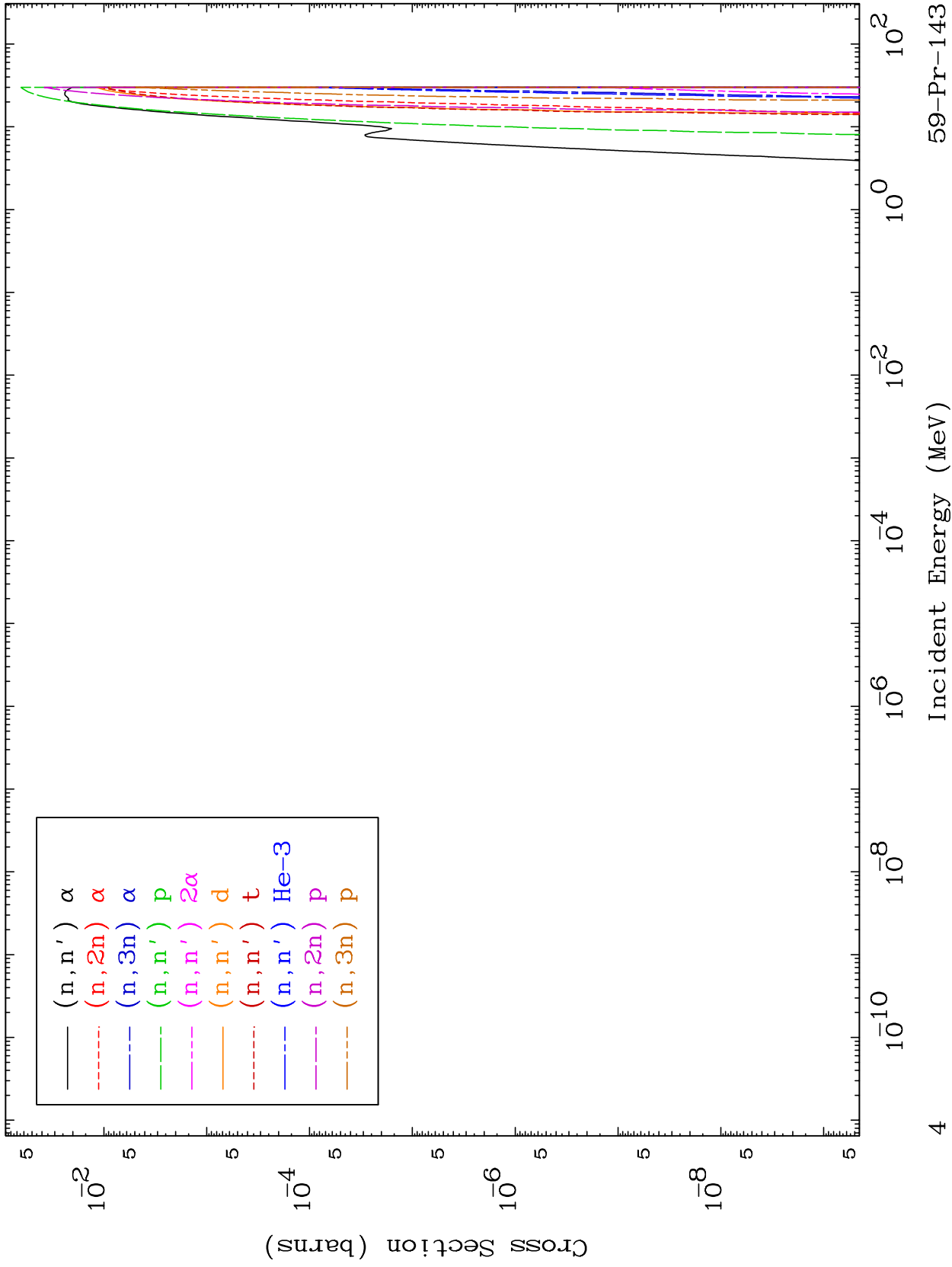
Incident Energy (MeV)



MAT 5931

Charged Particle
293 Kelvin Cross Sections

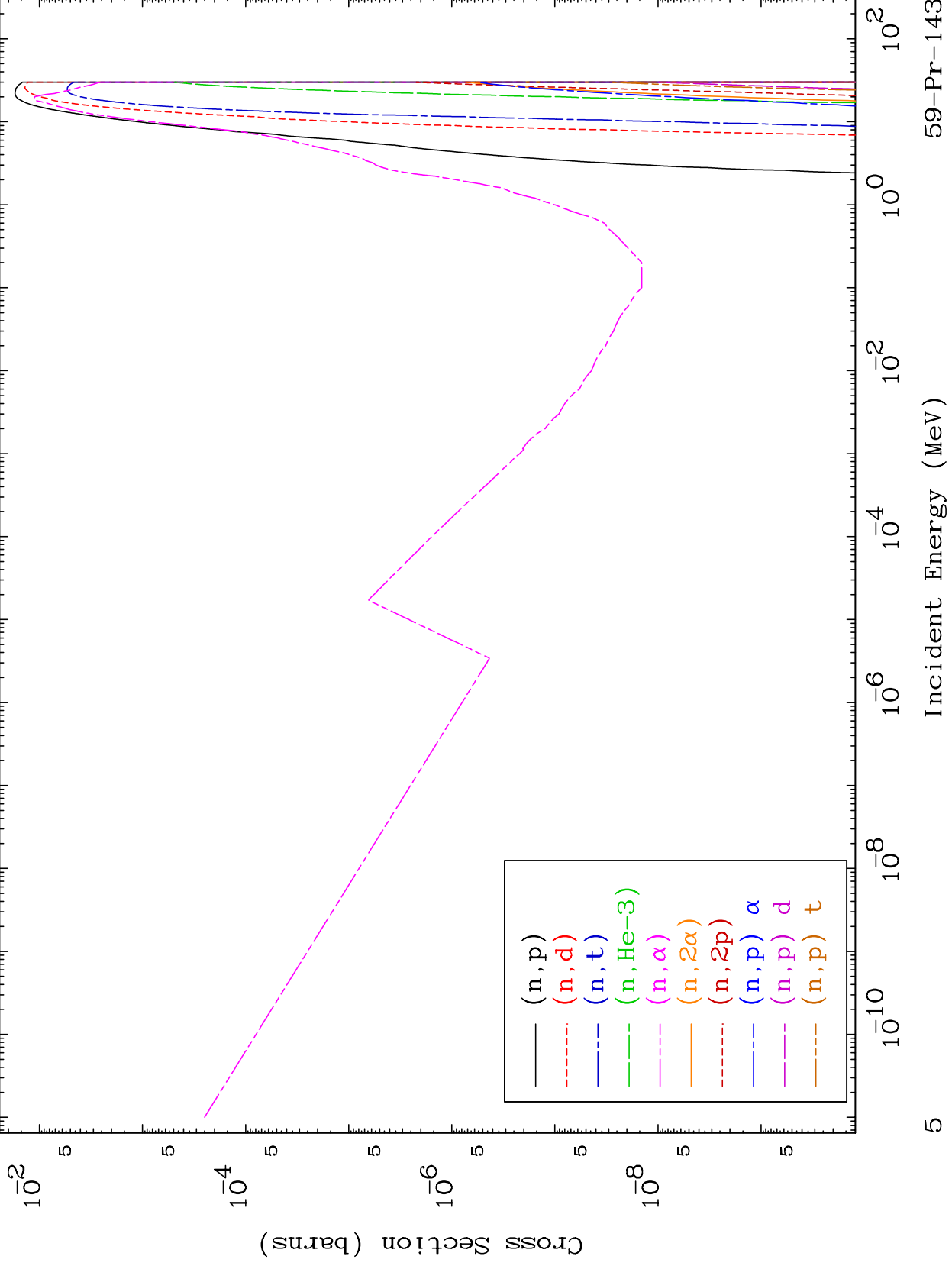
59-Pr-143



MAT 5931

Charged Particle
293 Kelvin Cross Sections

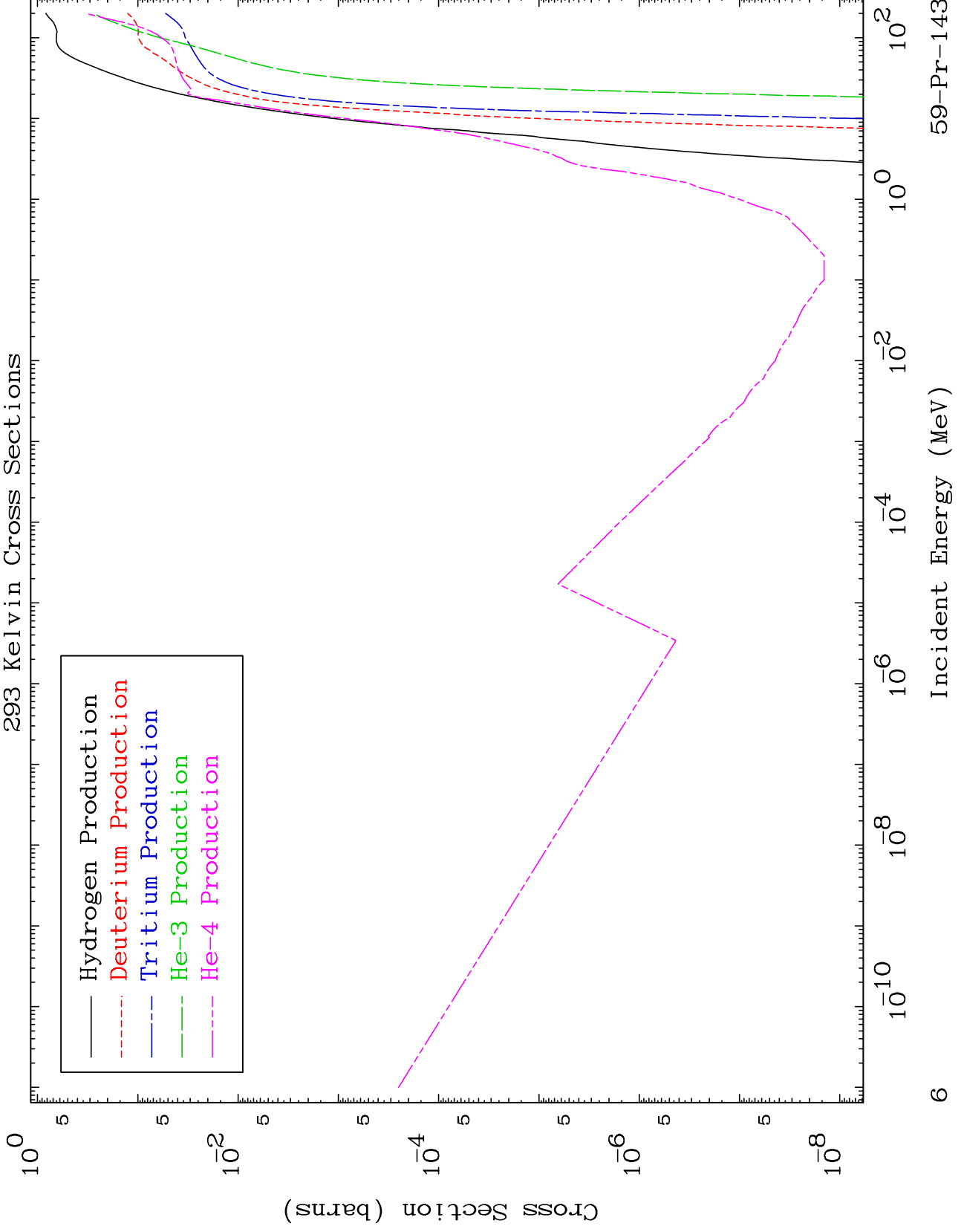
59-Pr-143



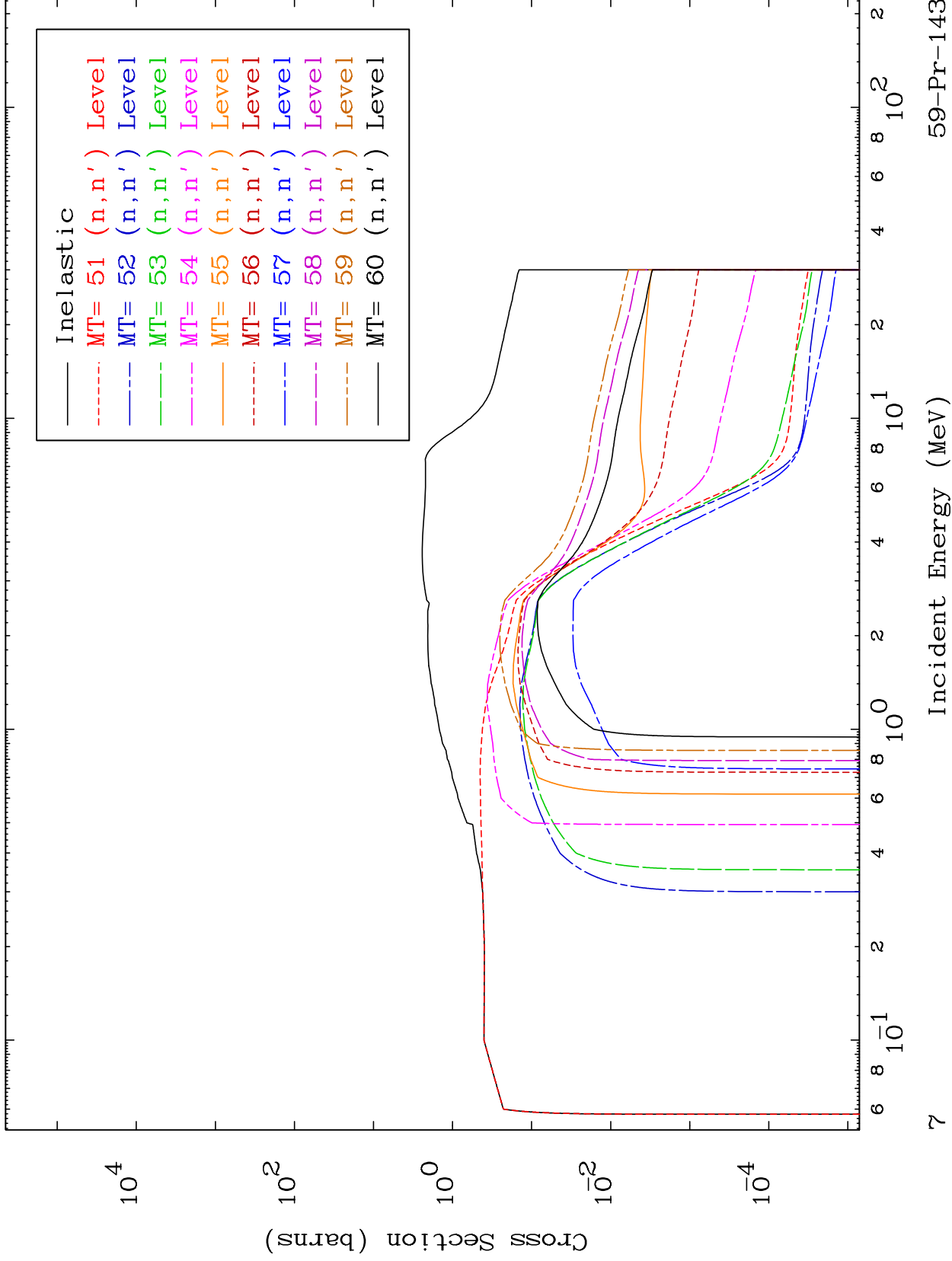
MAT 5931

Particle Production
293 Kelvin Cross Sections

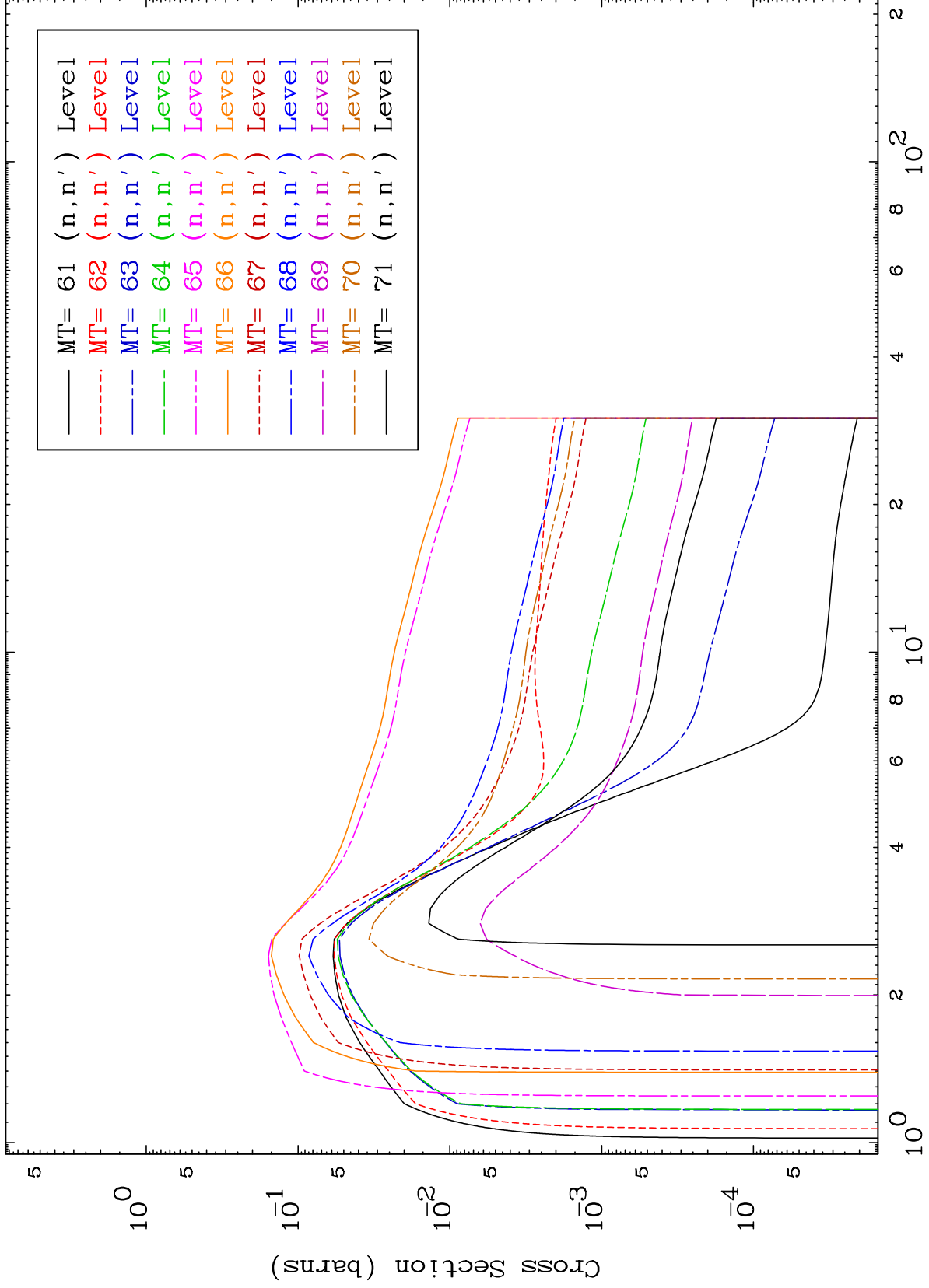
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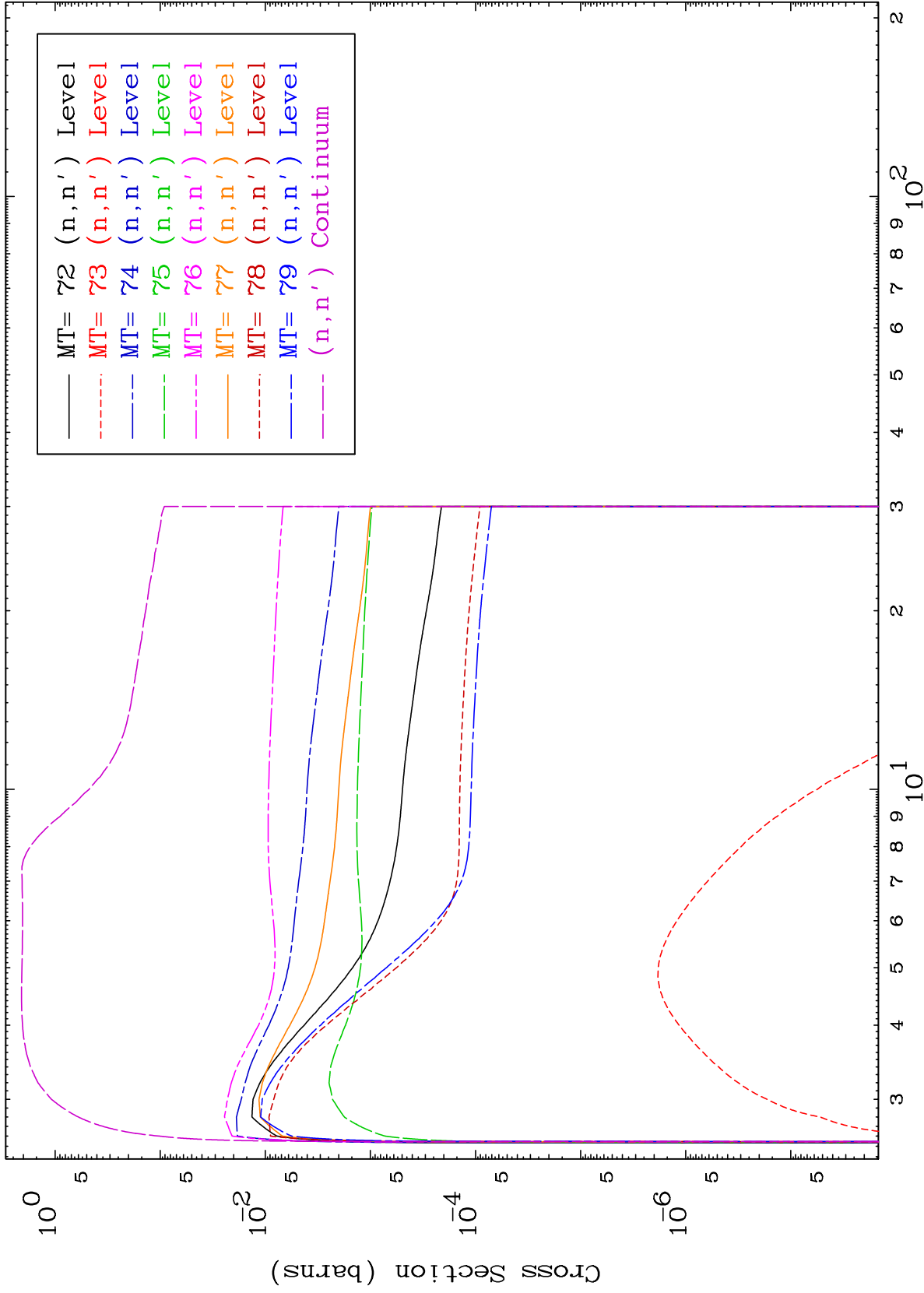
293 Kelvin Cross Sections



293 Kelvin Cross Sections



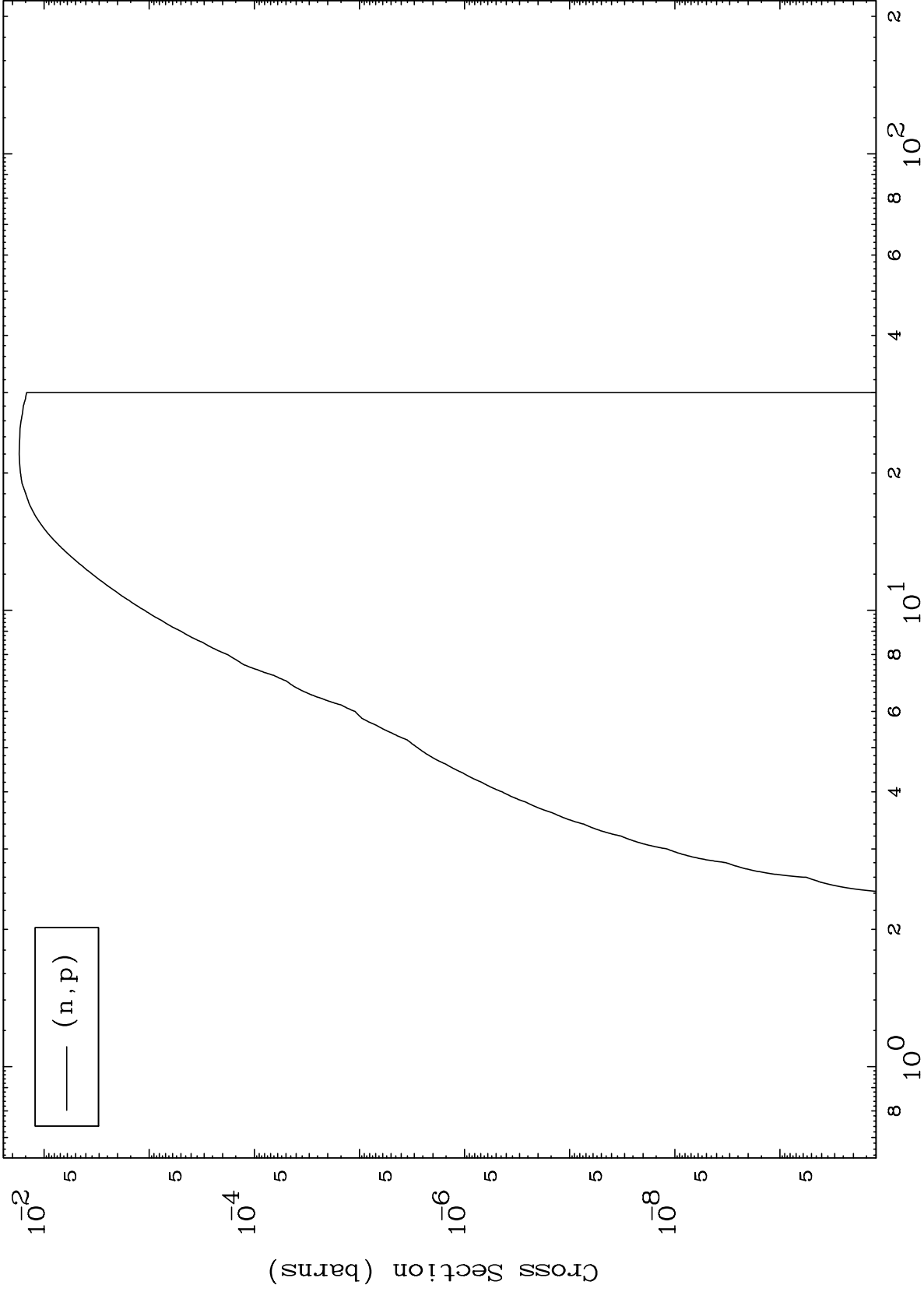
293 Kelvin Cross Sections



MAT 5931

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-143



10

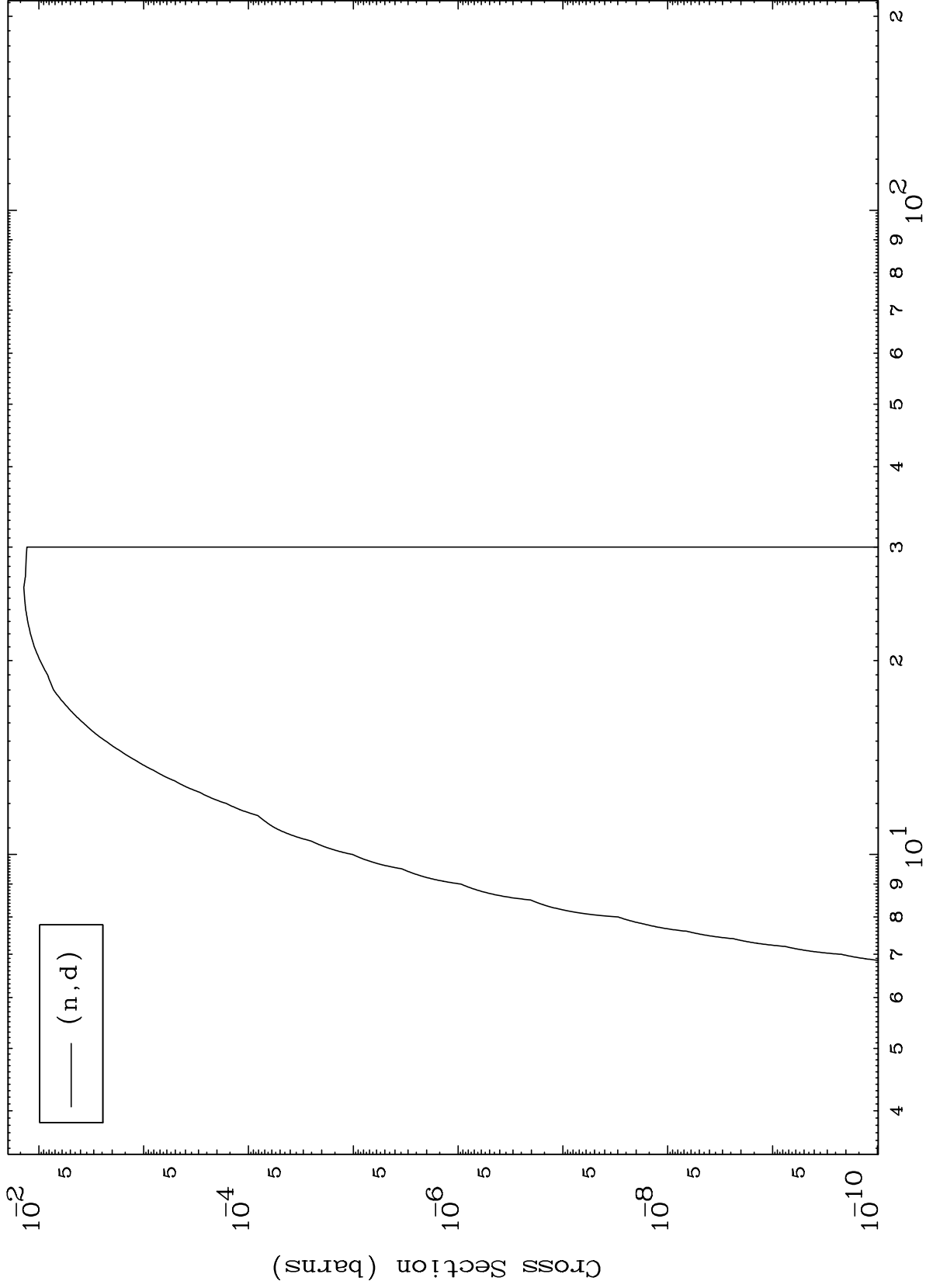
Incident Energy (MeV)

59-Pr-143

MAT 5931

(n,d) Levels
293 Kelvin Cross Sections

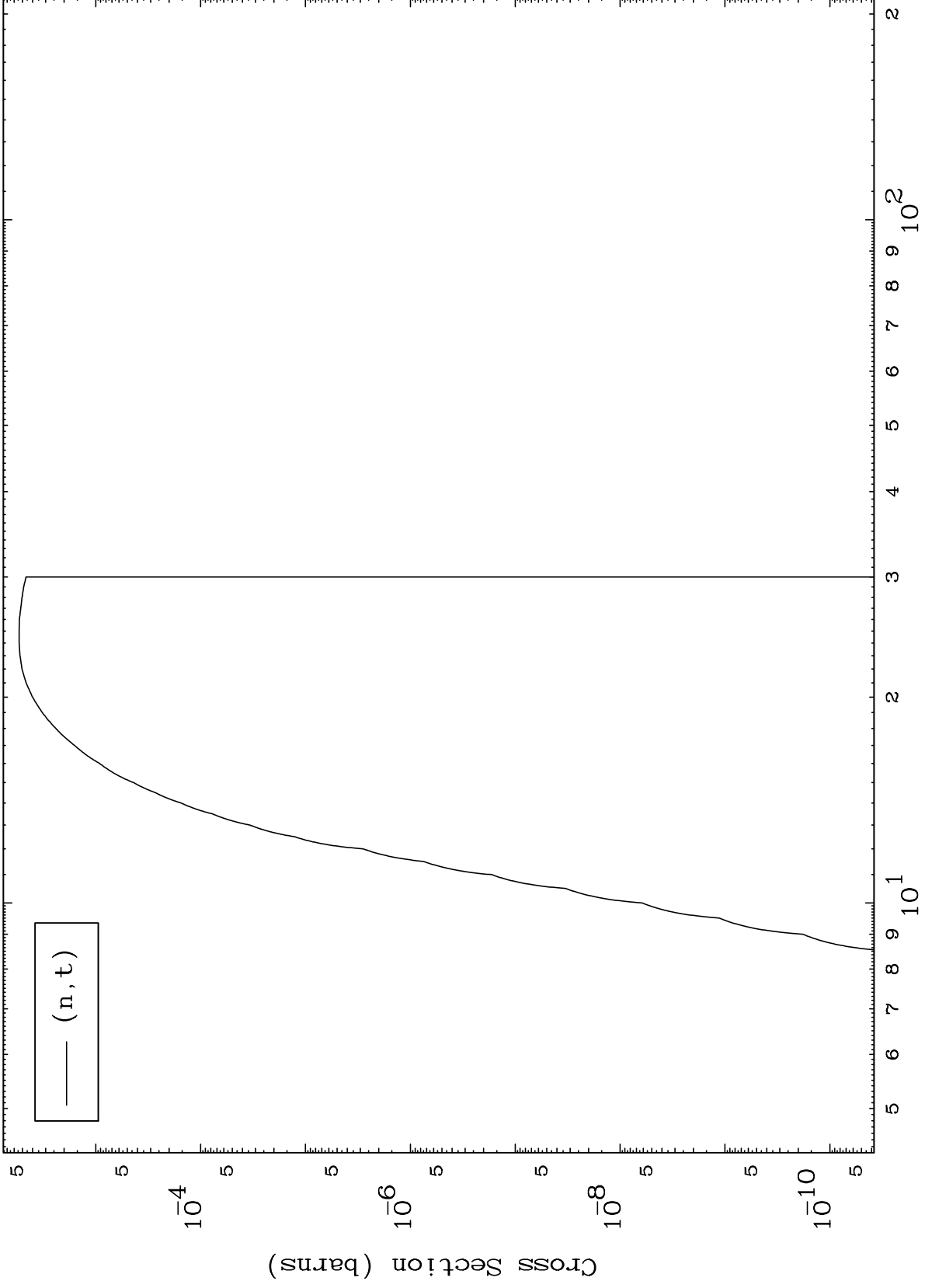
59-Pr-143



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Incident Energy (MeV)

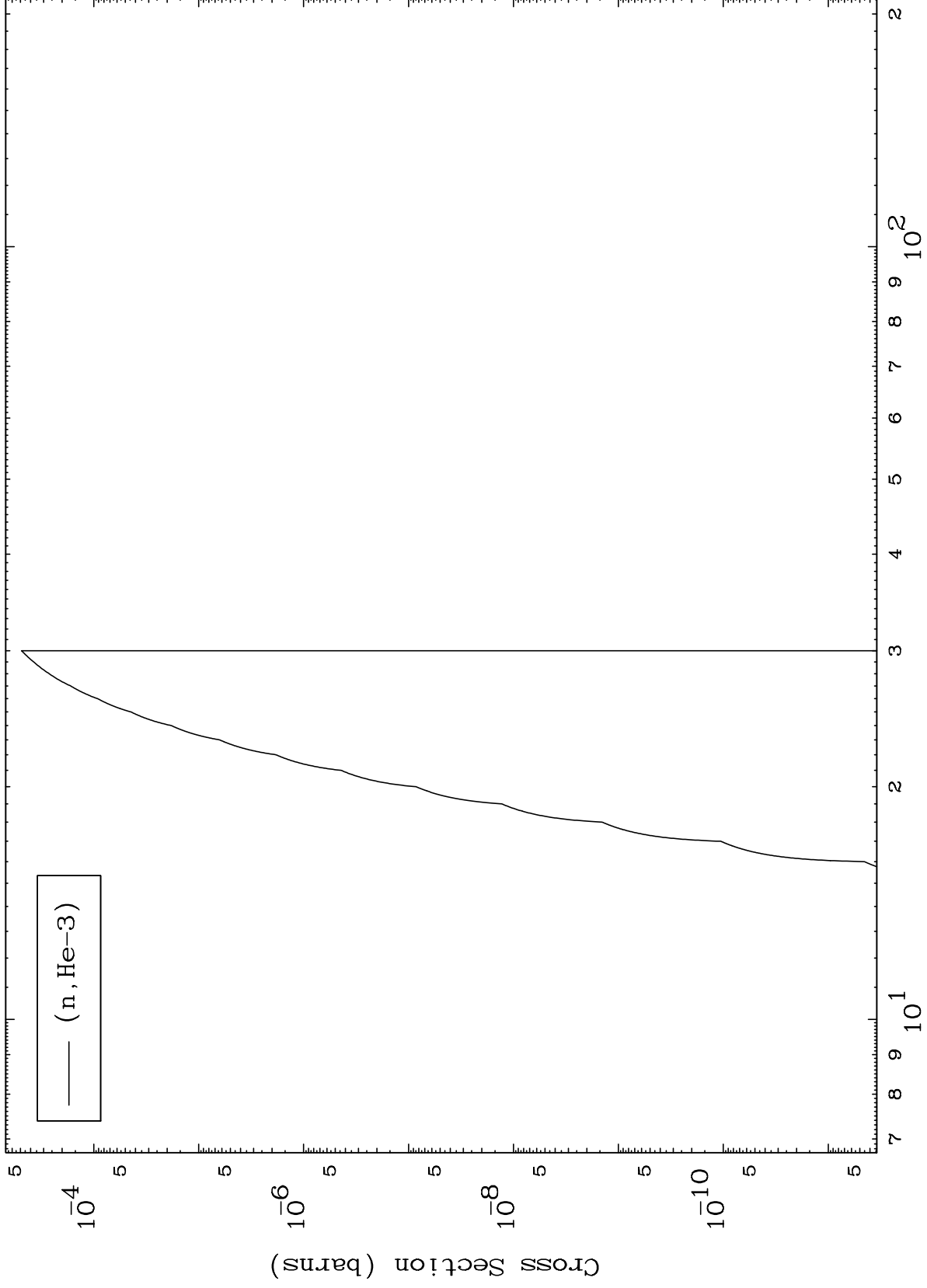
59-Pr-143



MAT 5931

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-143



13

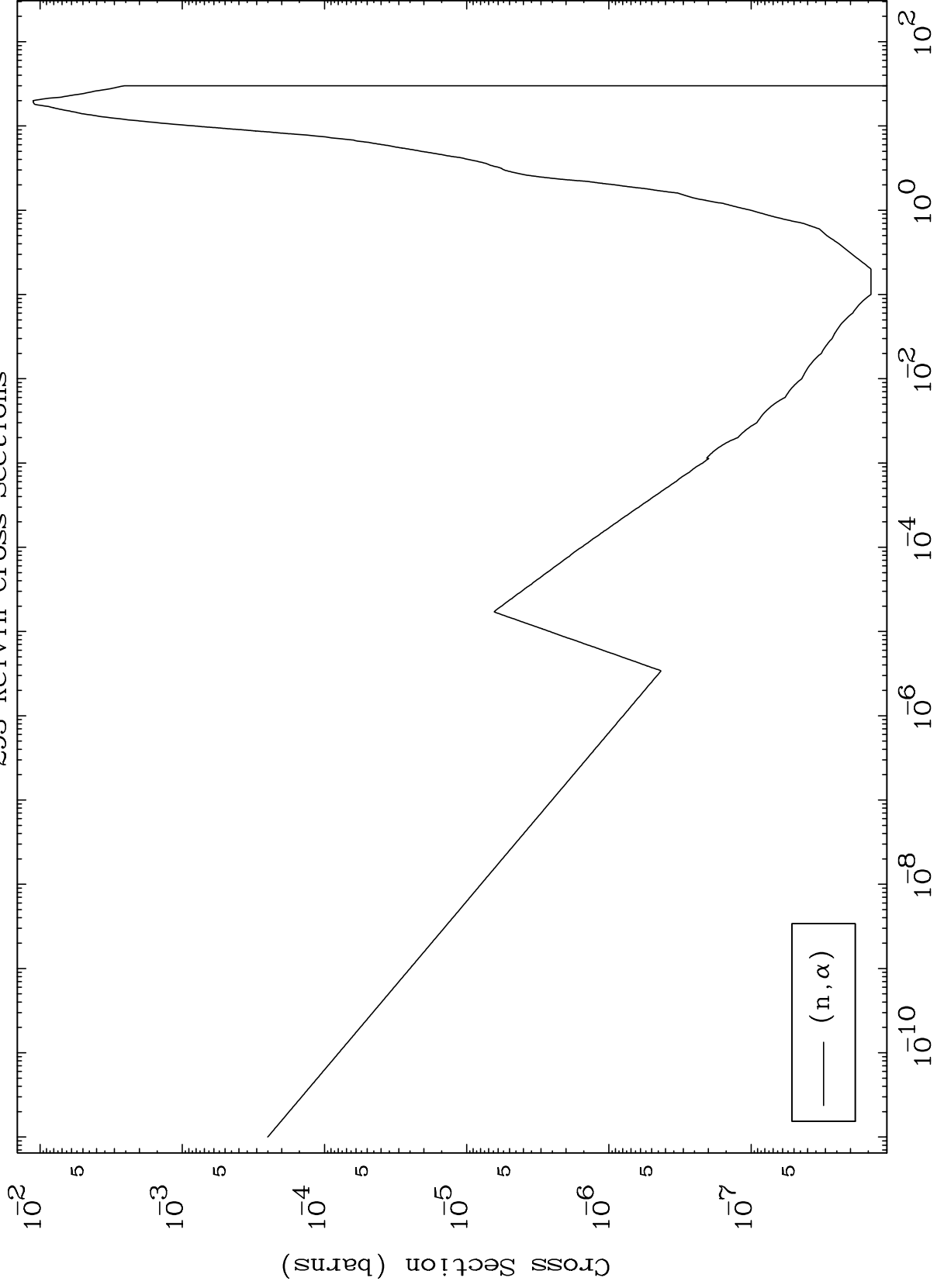
Incident Energy (MeV)

59-Pr-143

MAT 5931

(n, α) Levels
293 Kelvin Cross Sections

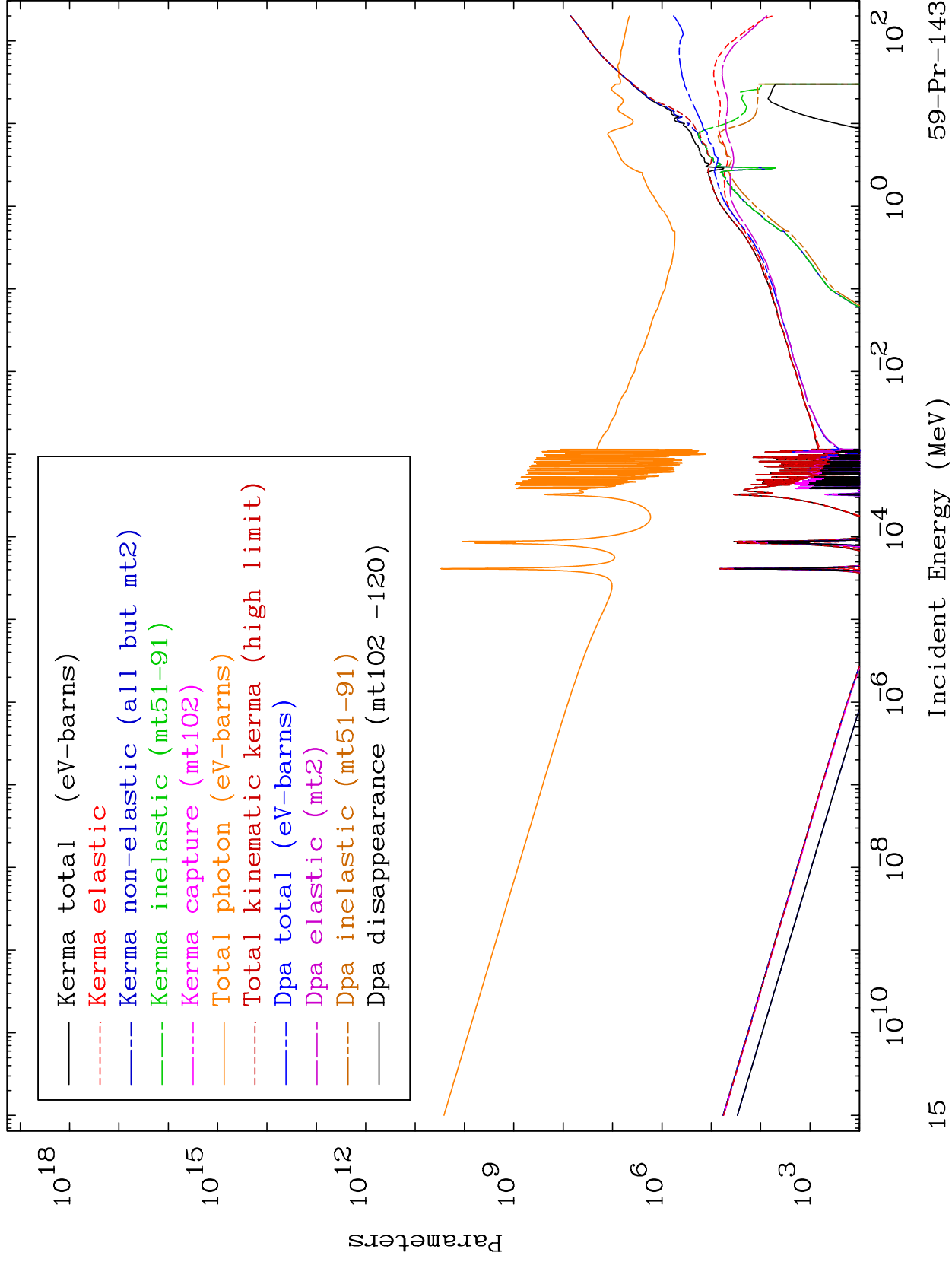
59-Pr-143



Incident Energy (MeV)

59-Pr-143

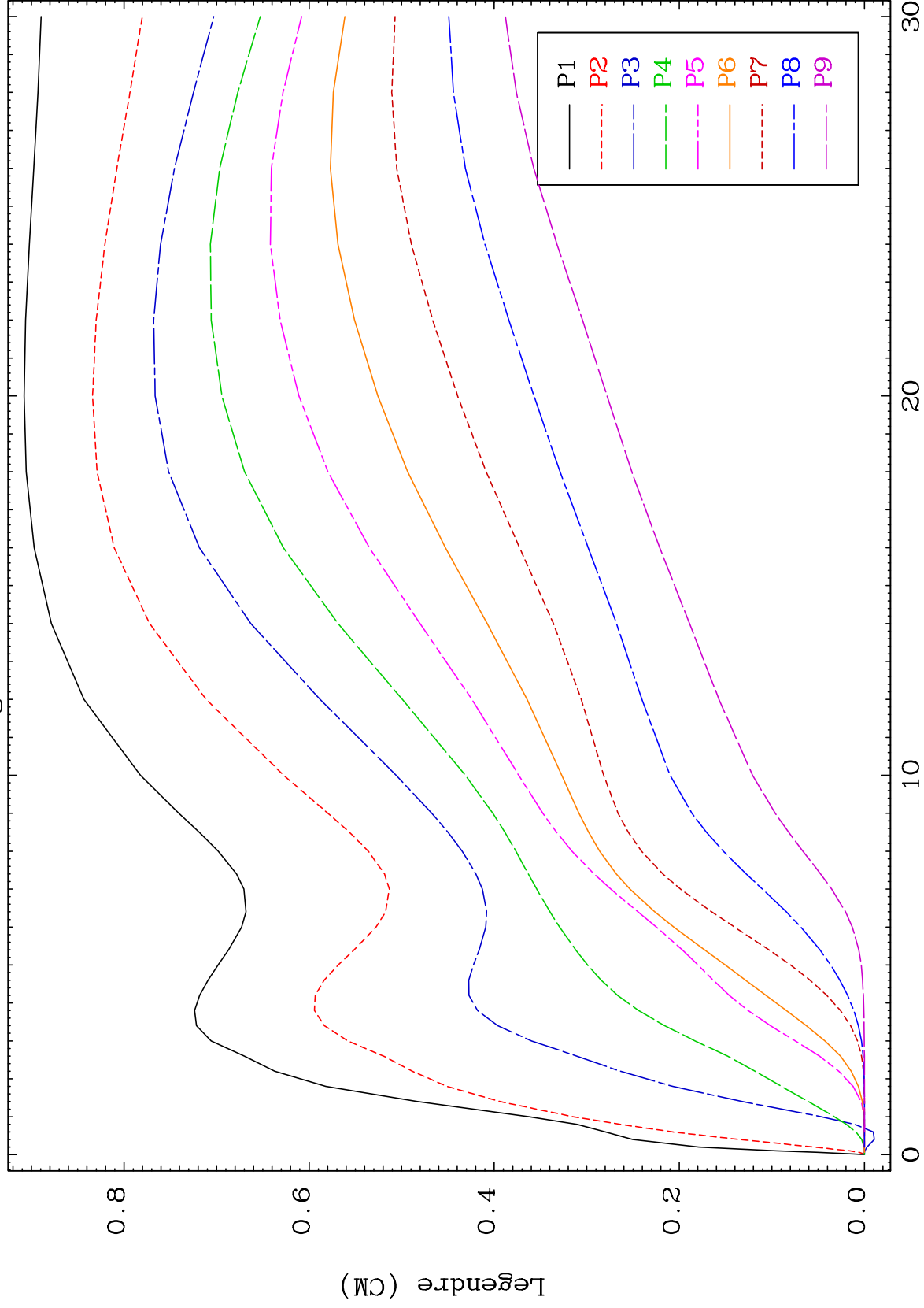
14



MAT 5931

Elastic Legendre Coefficients

59-Pr-143



Incident Energy (MeV)

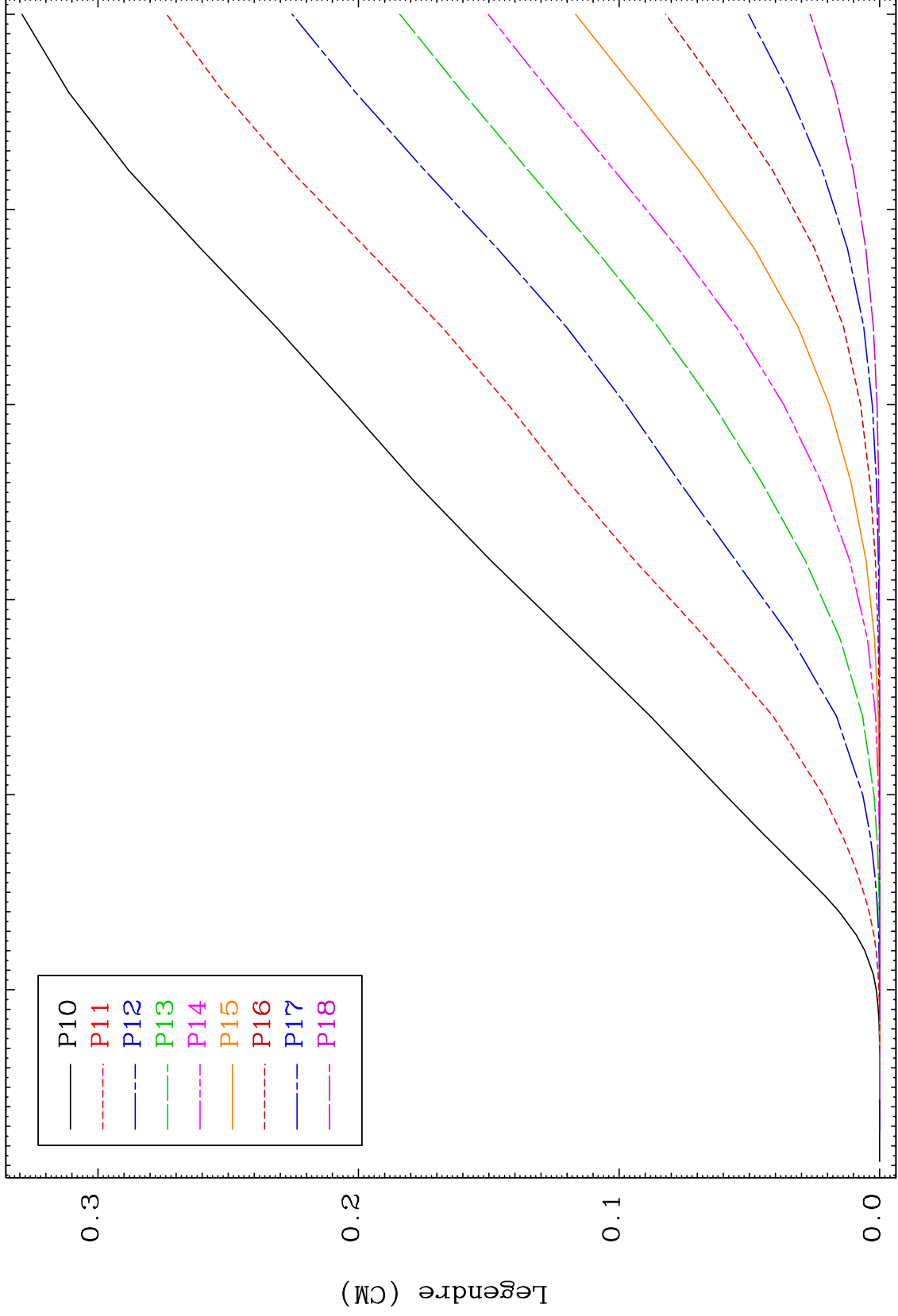
59-Pr-143

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MAT 5931

Elastic Legendre Coefficients

59-Pr-143



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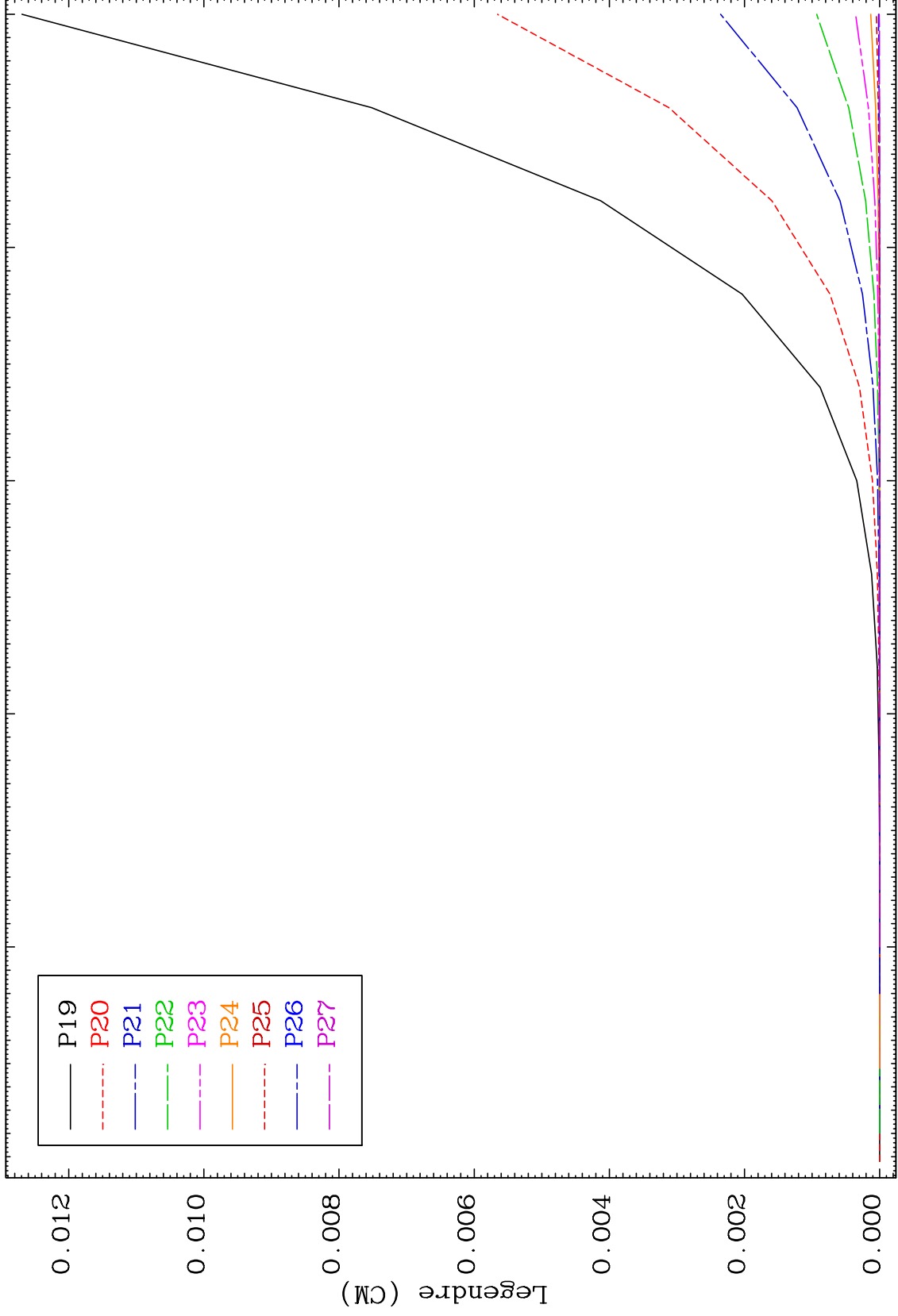
Incident Energy (MeV)

59-Pr-143

MAT 5931

Elastic Legendre Coefficients

59-Pr-143



18

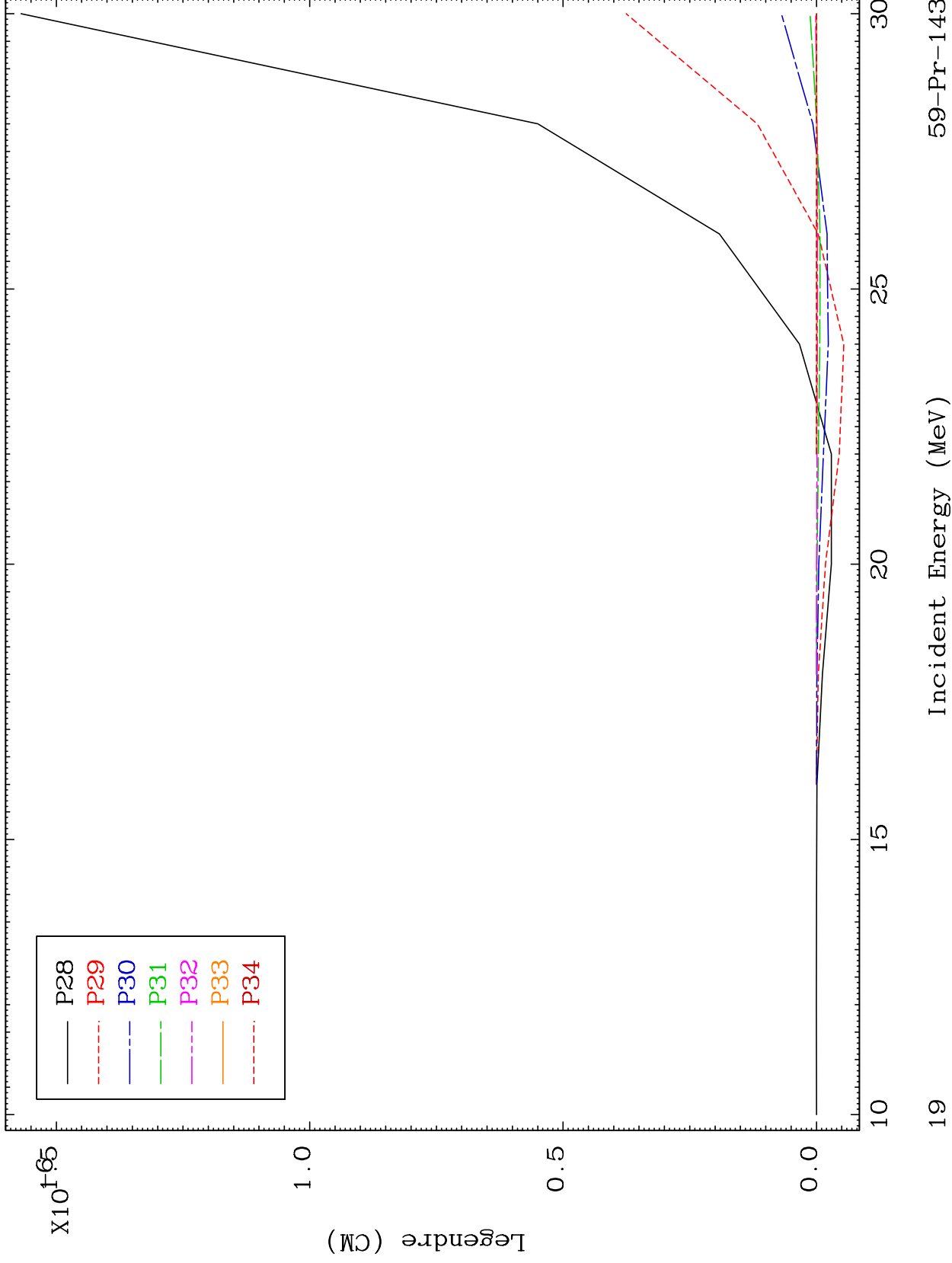
Incident Energy (MeV)

59-Pr-143

MAT 5931

Elastic Legendre Coefficients

59-Pr-143



59-Pr-143

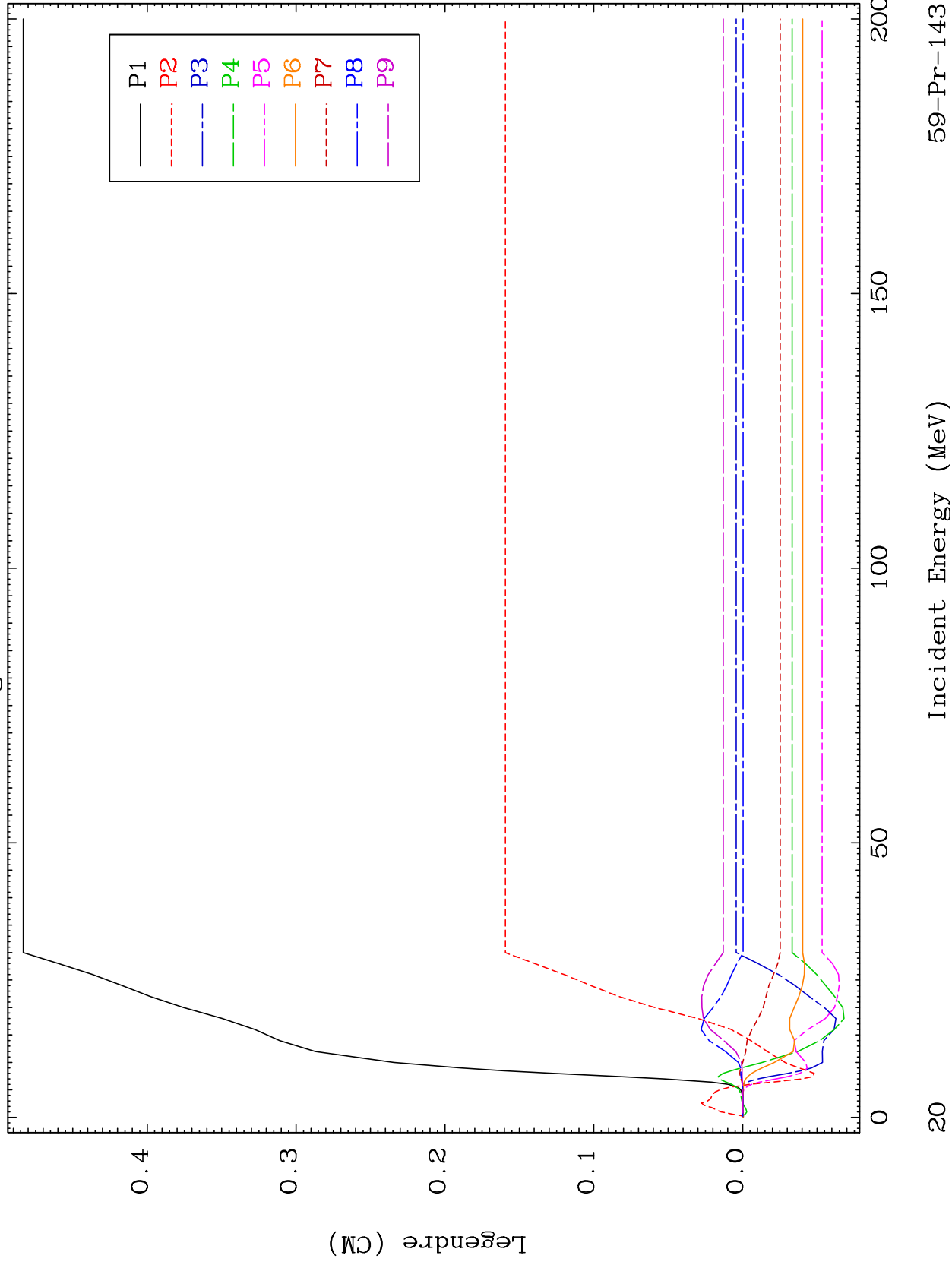
Incident Energy (MeV)

19

MAT 5931

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

59-Pr-143



59-Pr-143

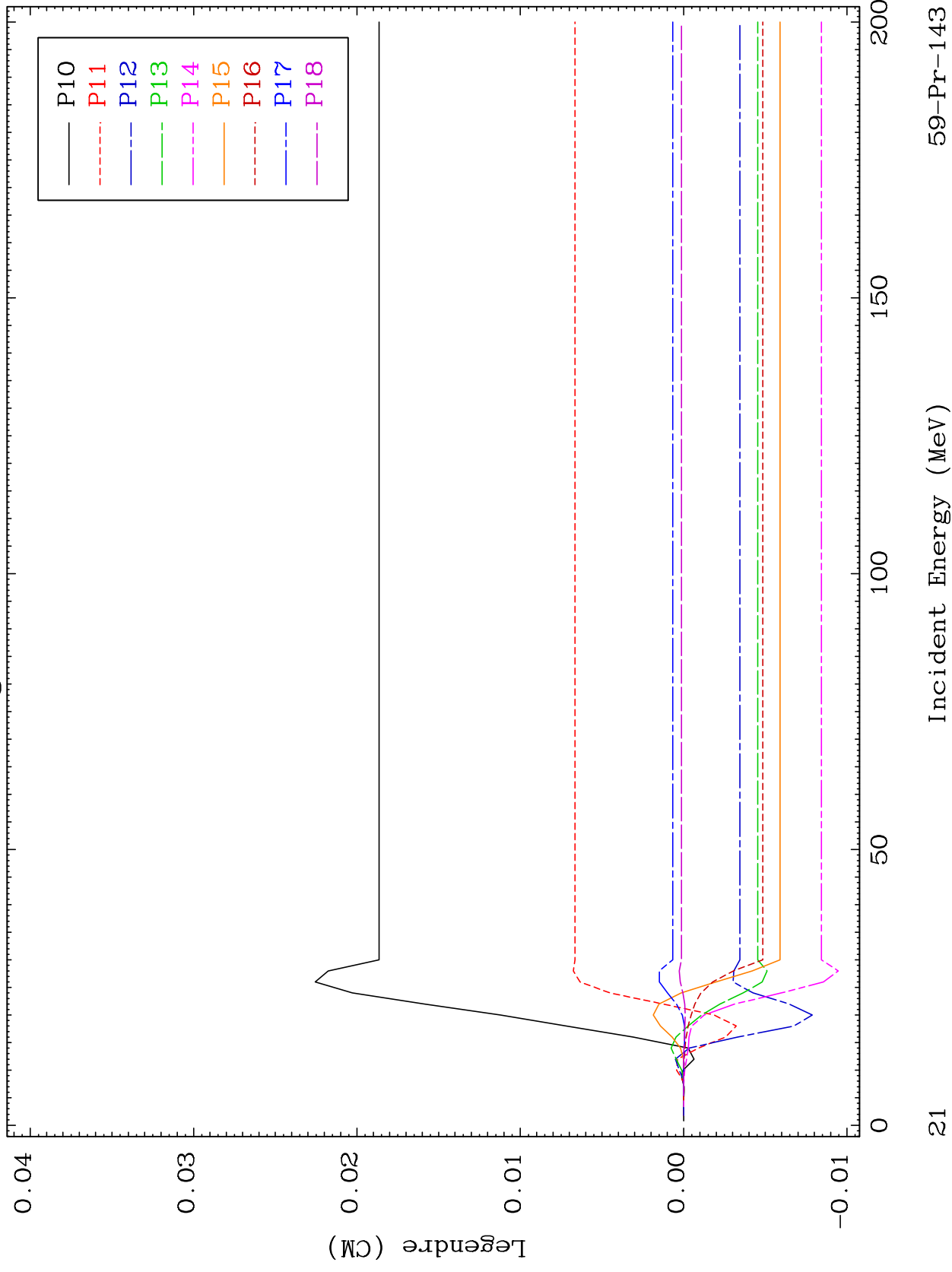
Incident Energy (MeV)

20

MAT 5931

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

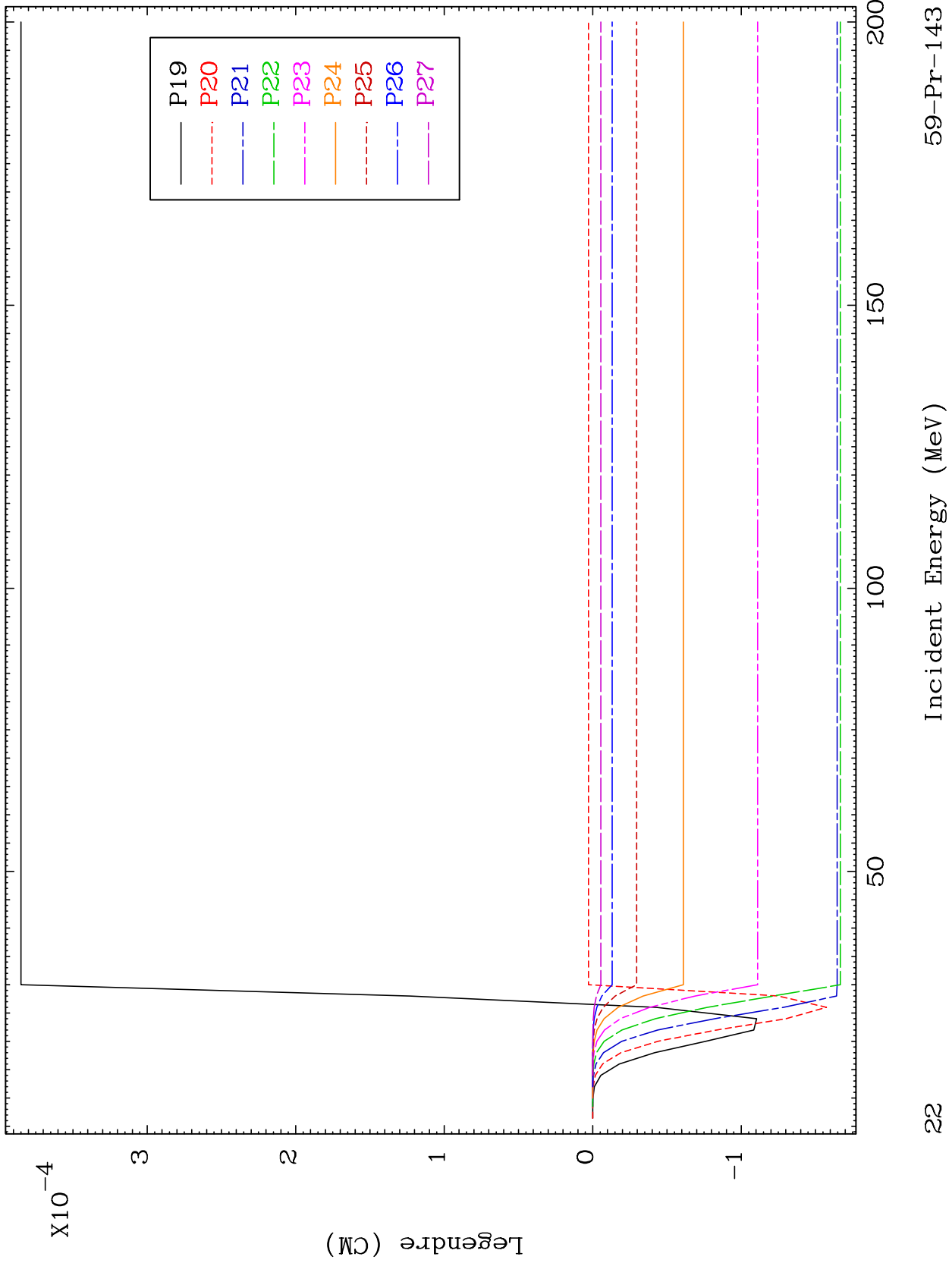
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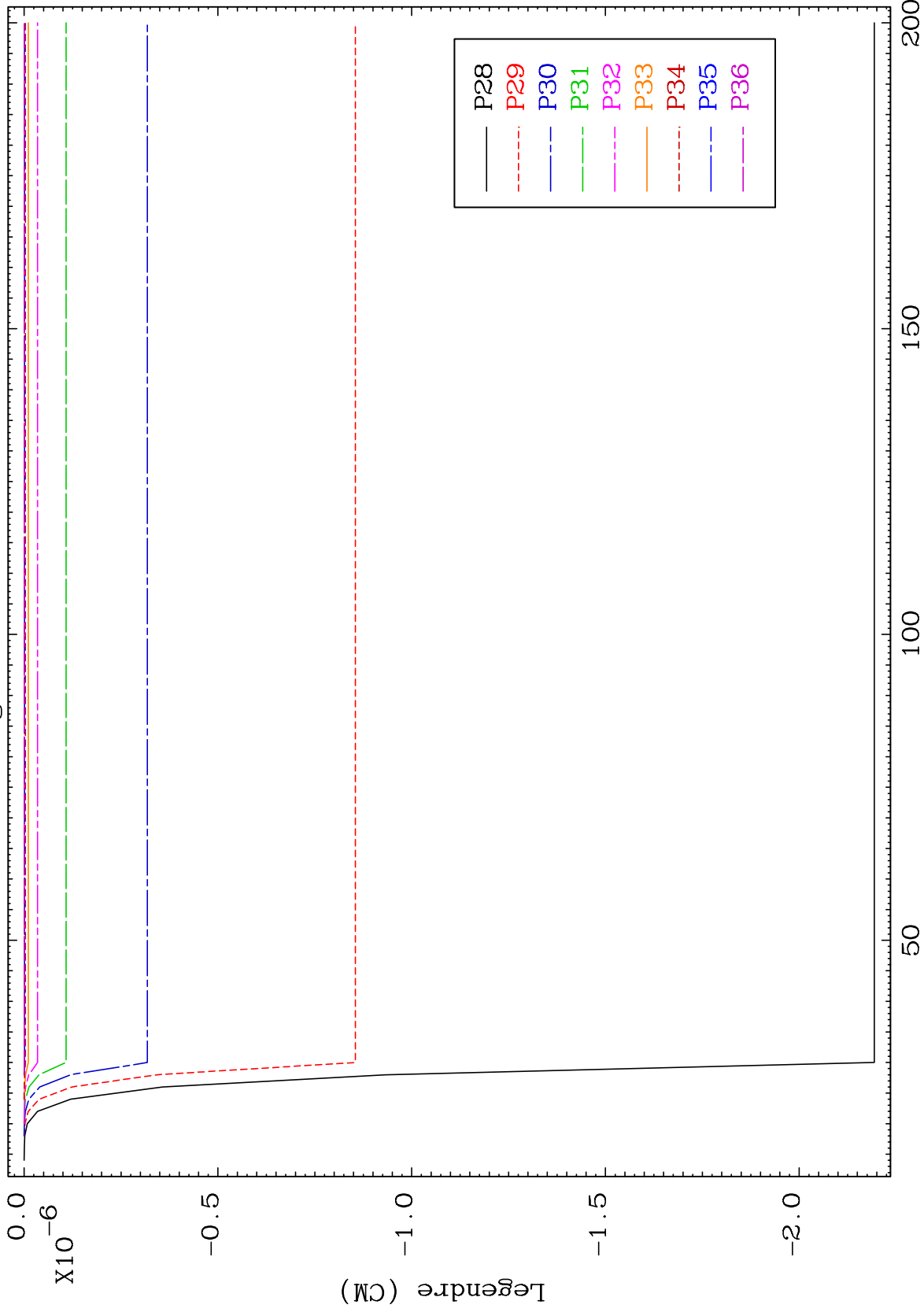


59-Pr-143

Incident Energy (MeV)

21

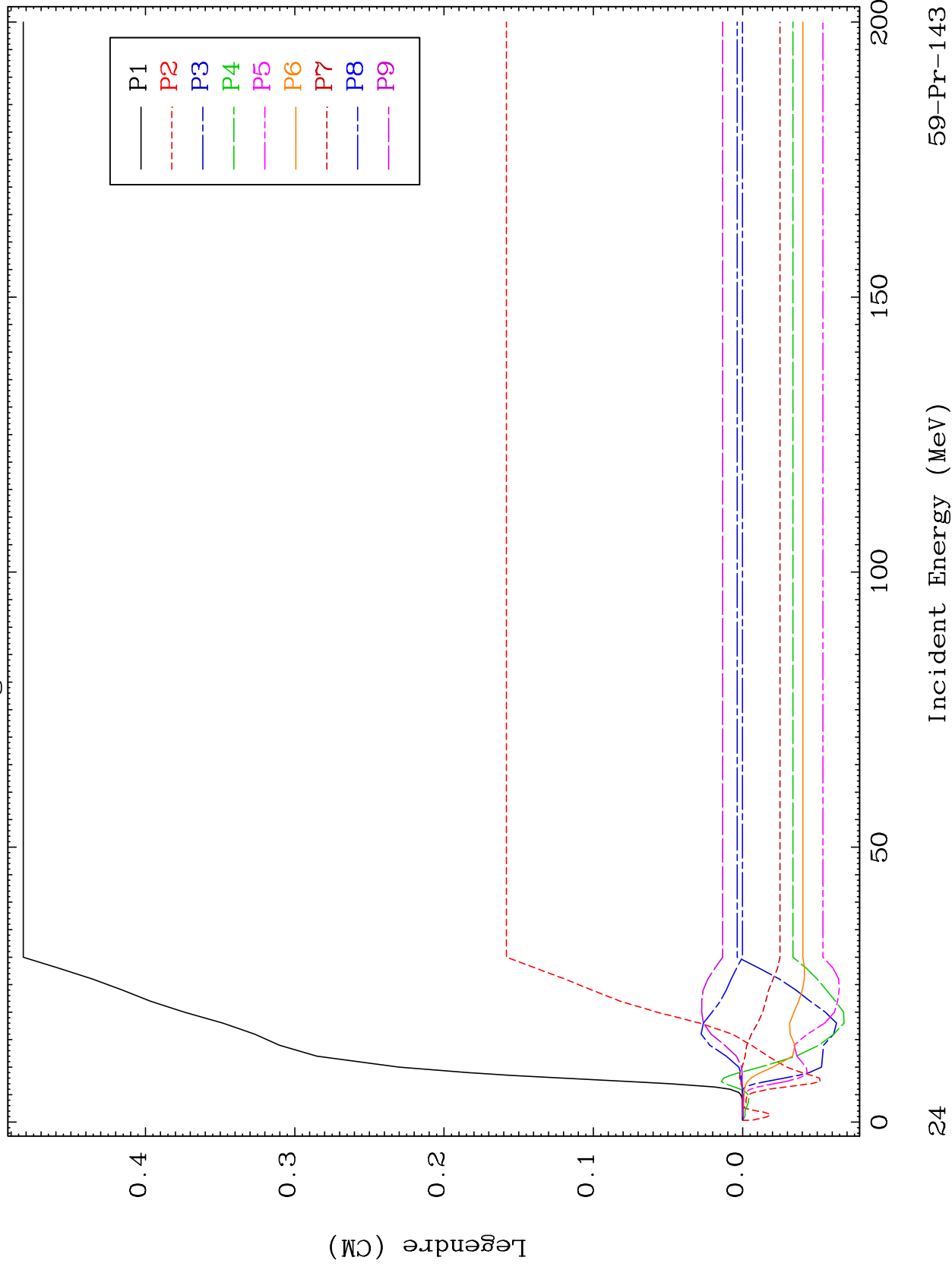




MAT 5931

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

59-Pr-143



59-Pr-143

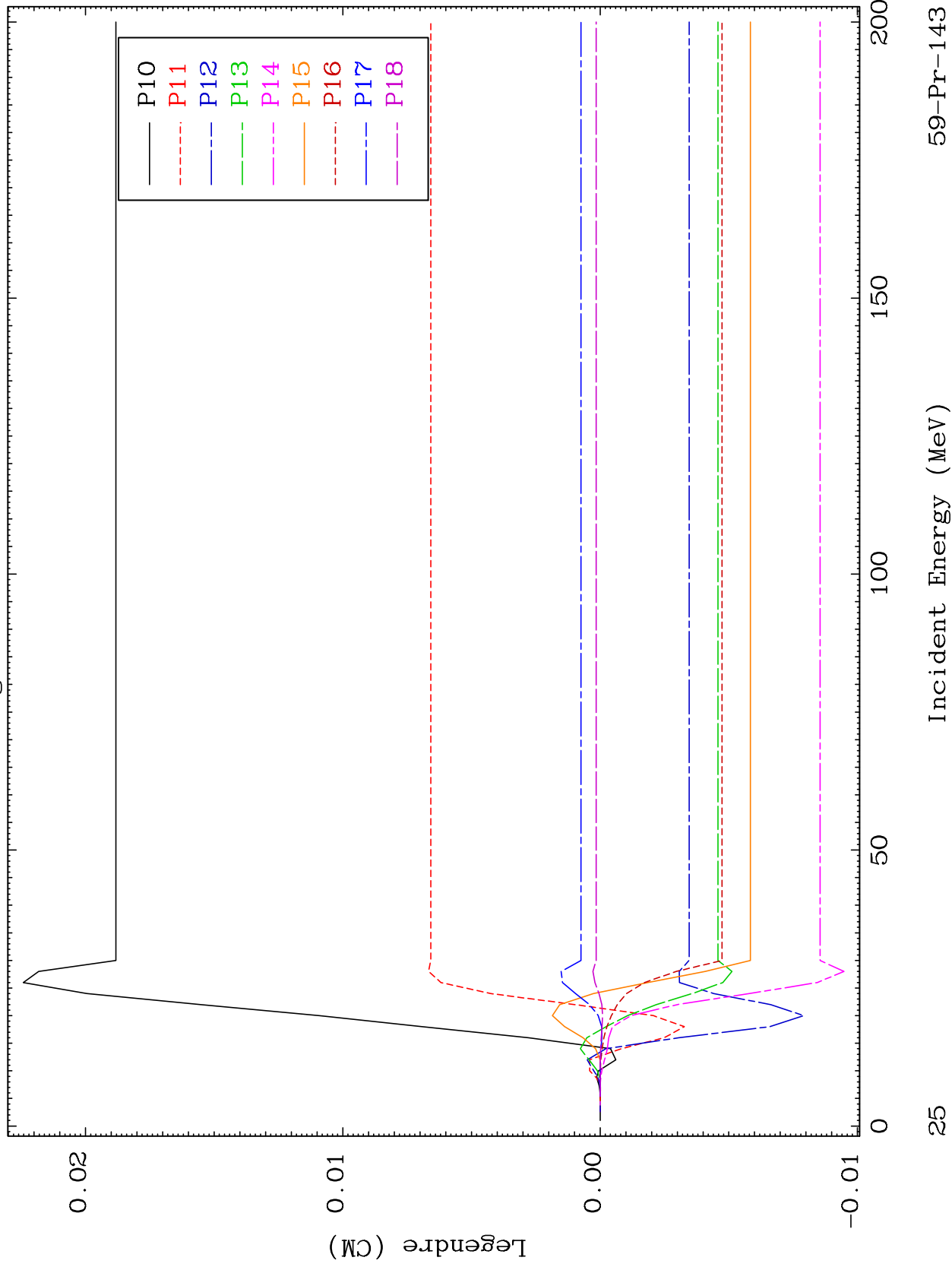
Incident Energy (MeV)

24

MAT 5931

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

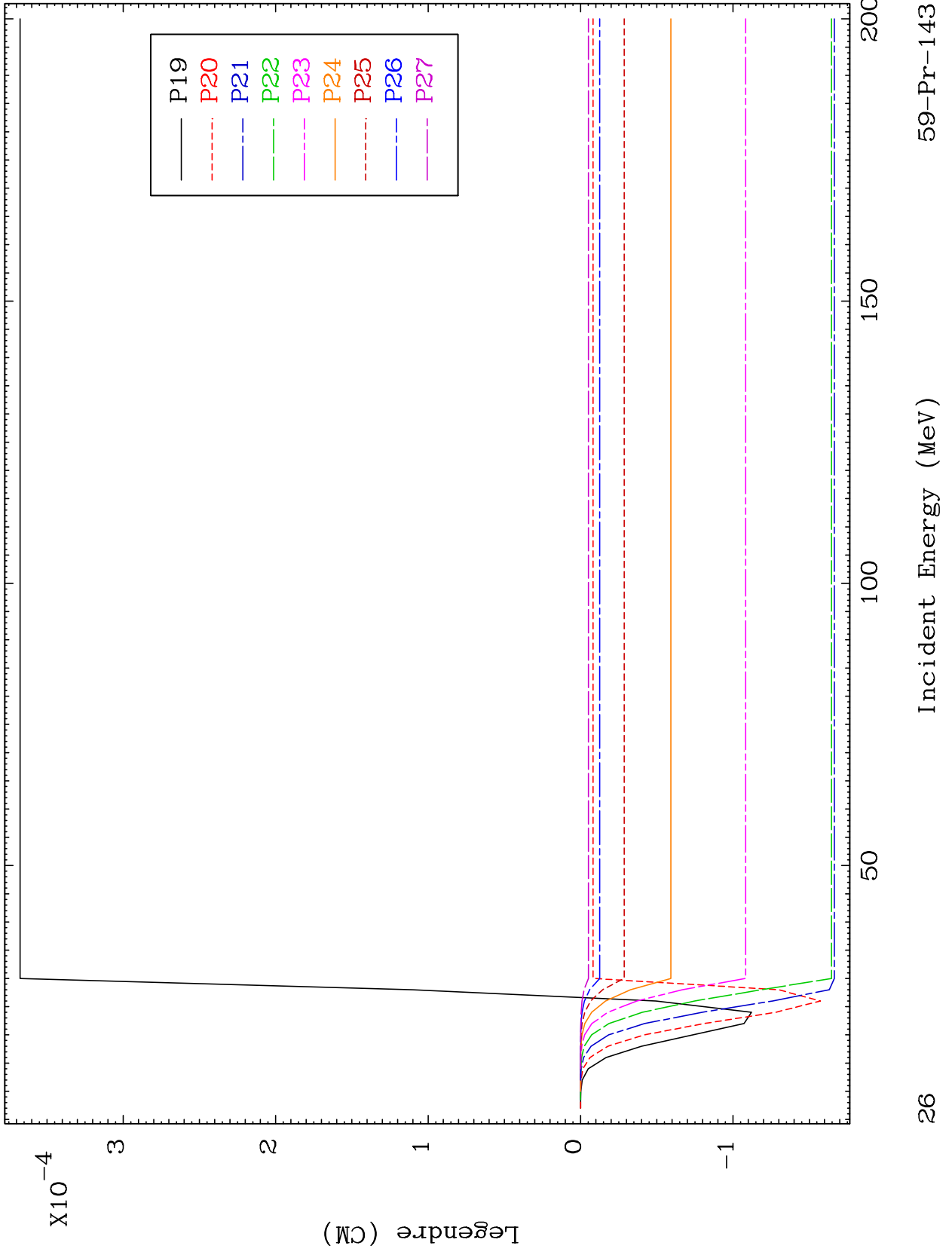
59-Pr-143



59-Pr-143

Incident Energy (MeV)

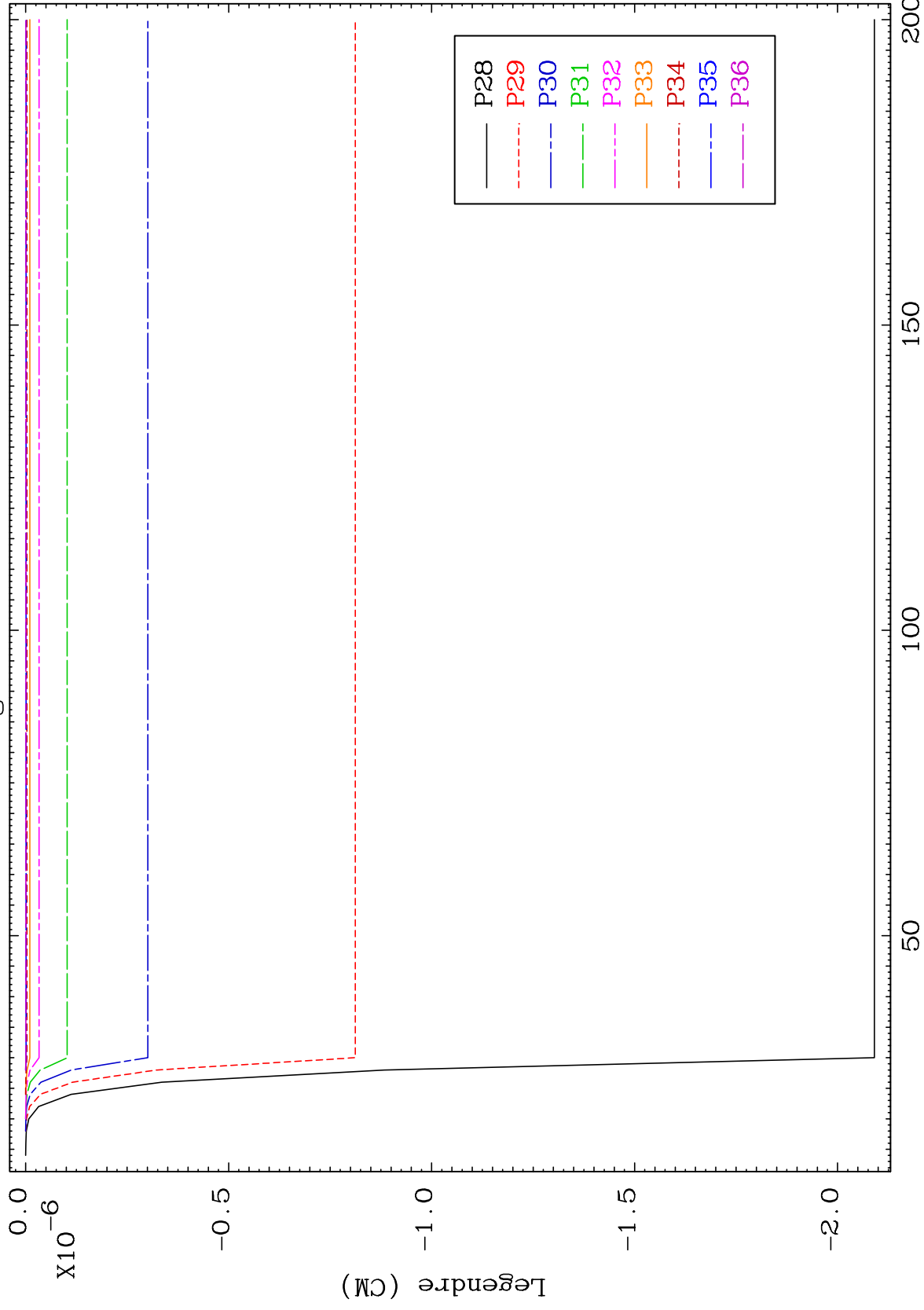
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MAT 5931

59-Pr-143

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



27

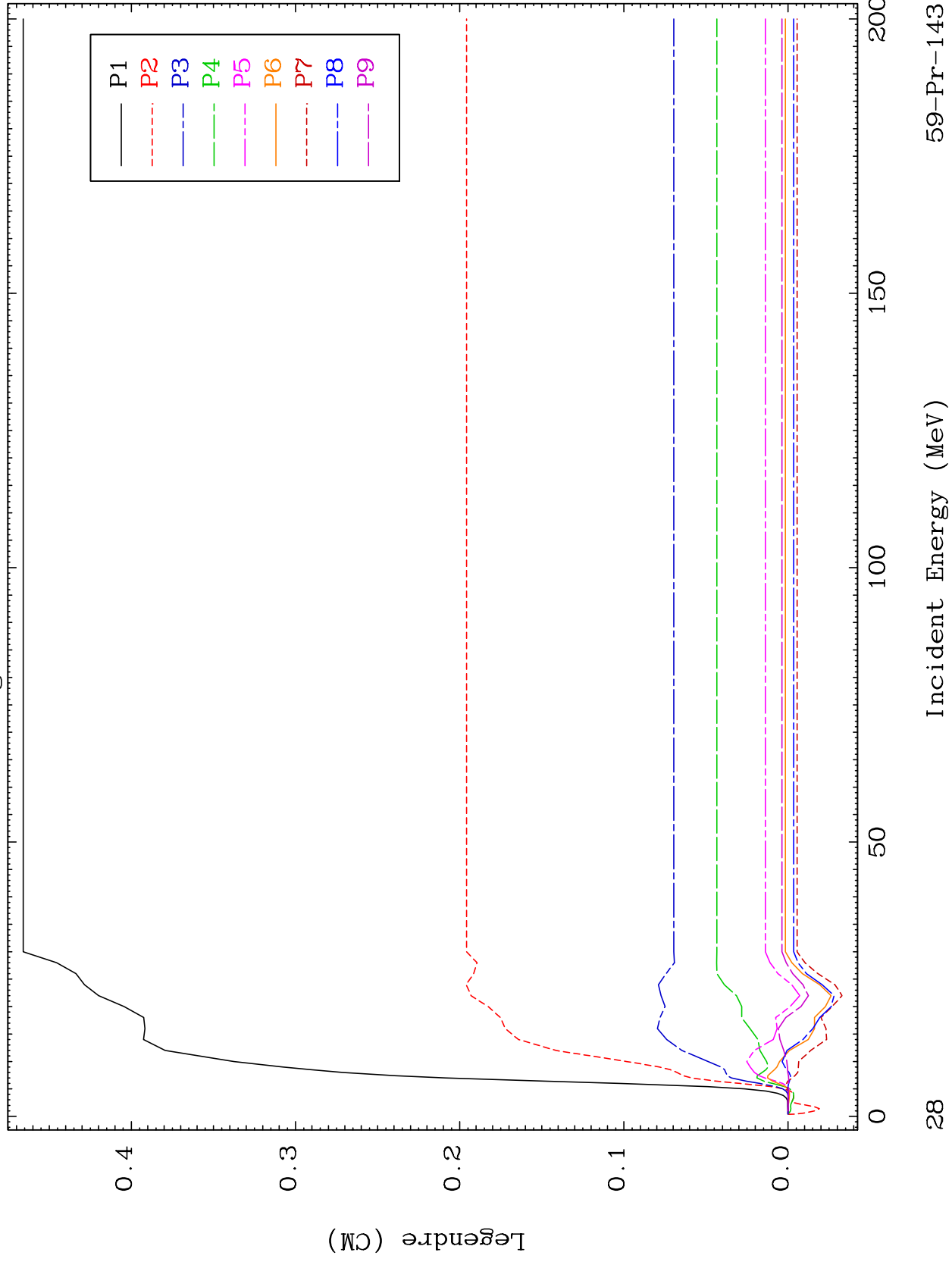
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



59-Pr-143

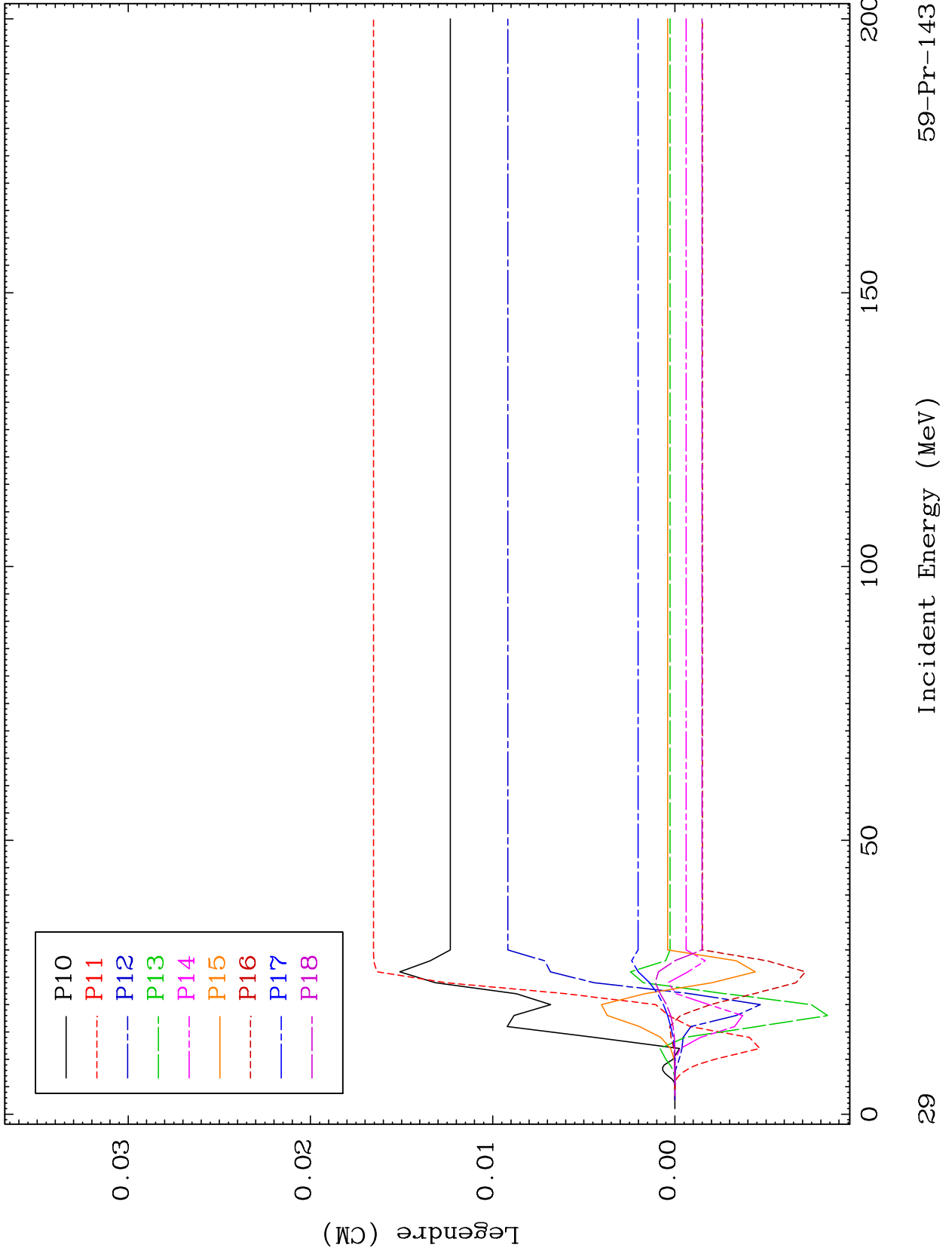
Incident Energy (MeV)

28

MAT 5931

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

59-Pr-143



29

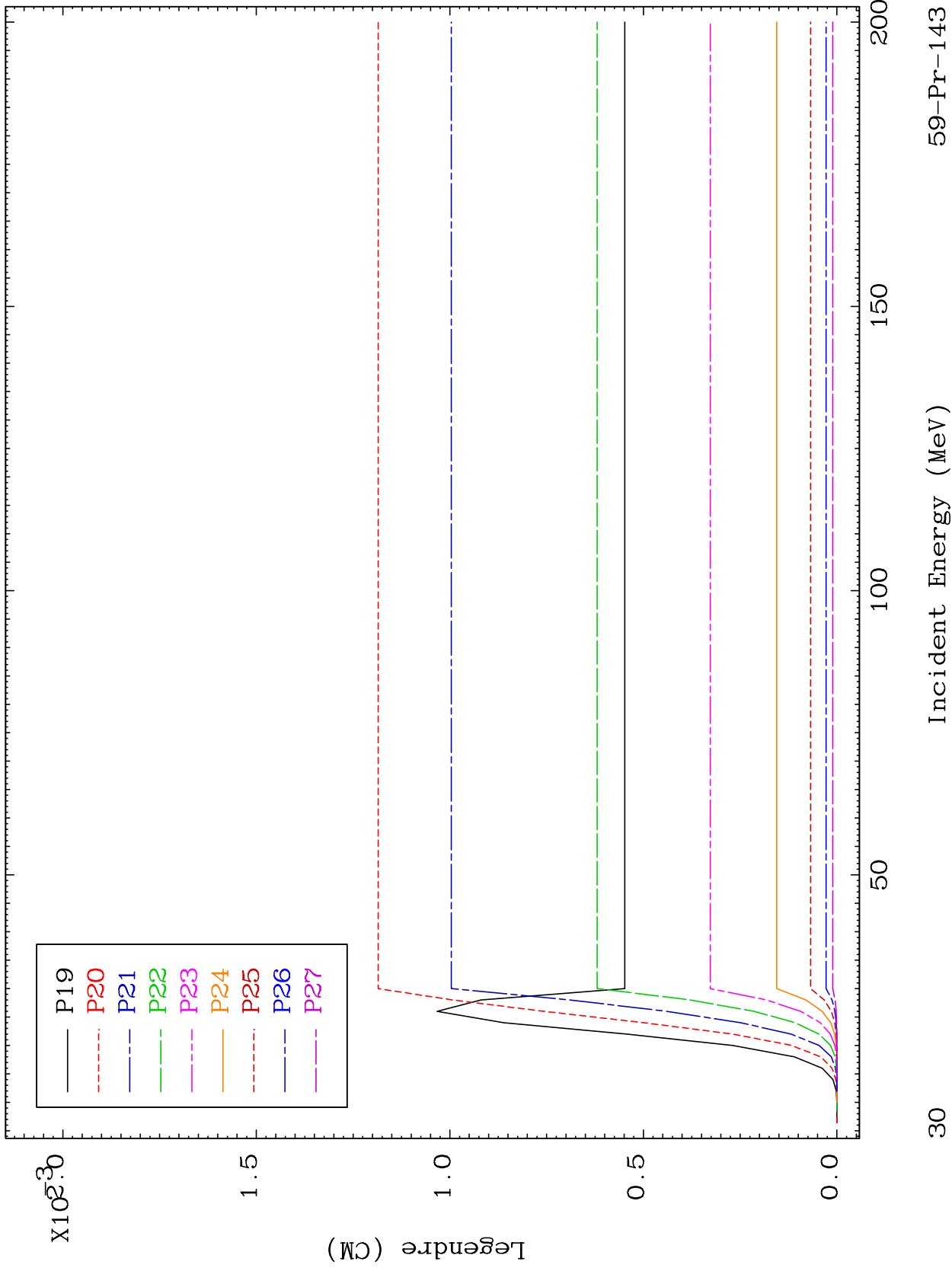
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



30

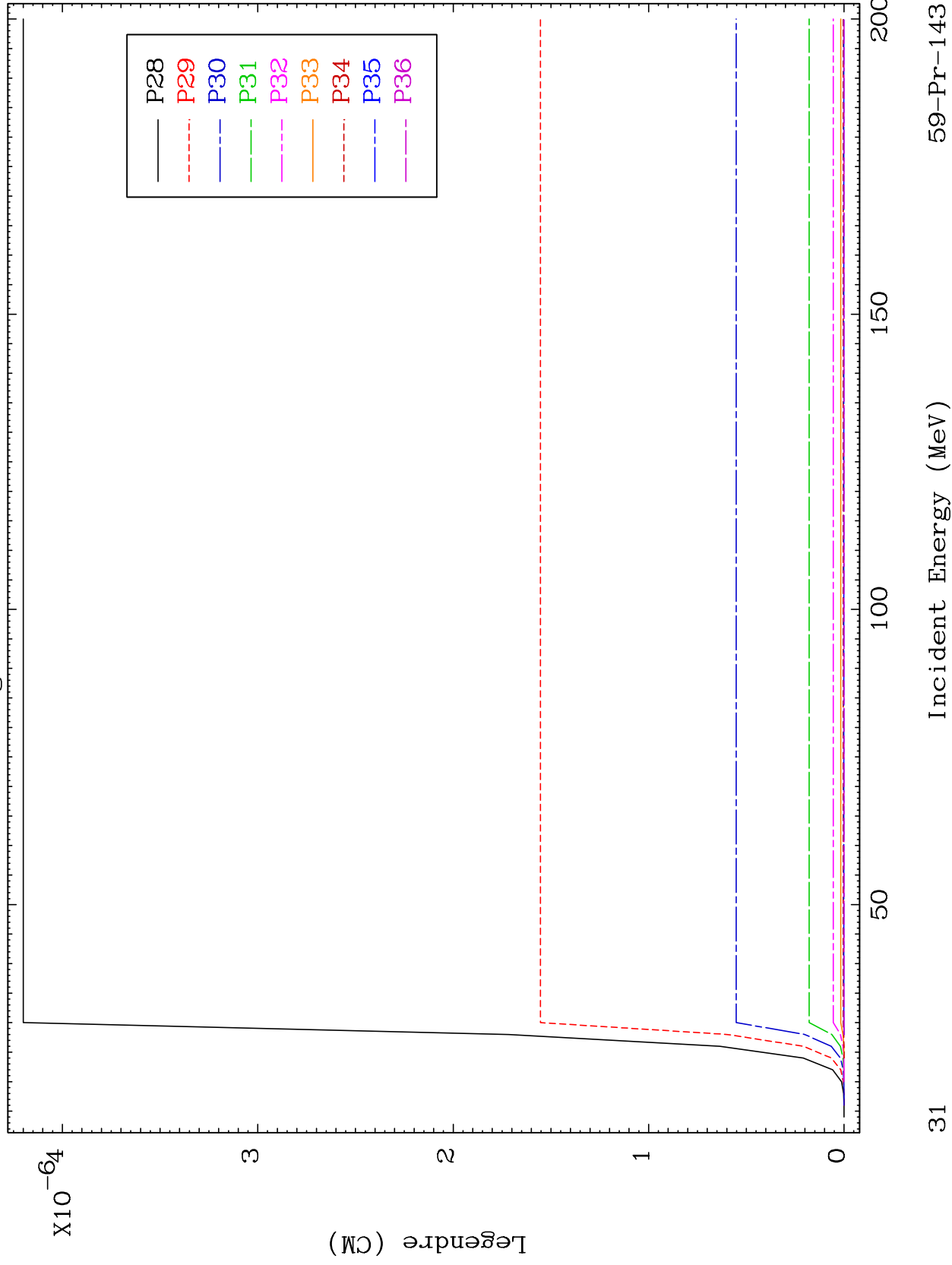
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



31

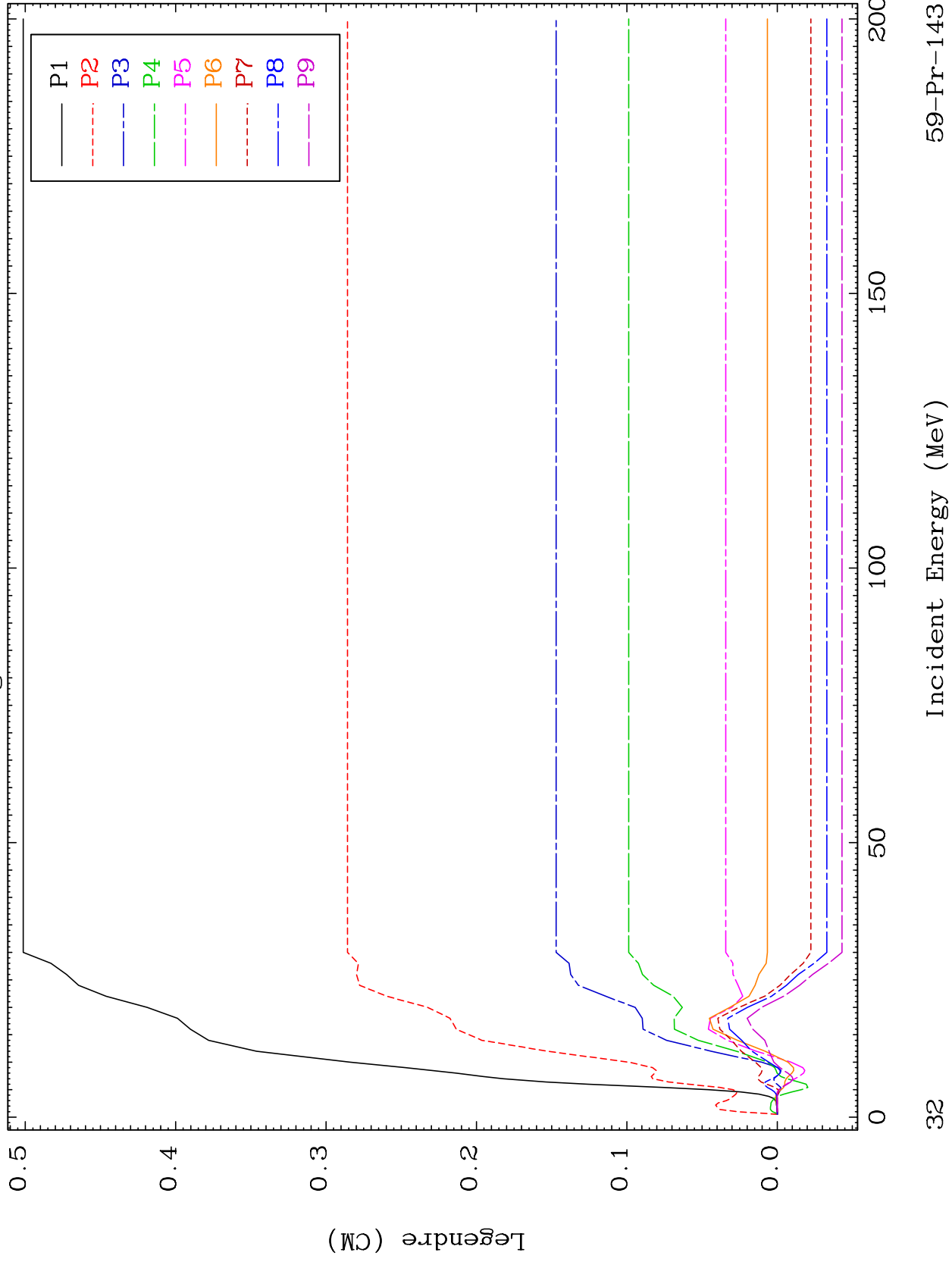
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



59-Pr-143

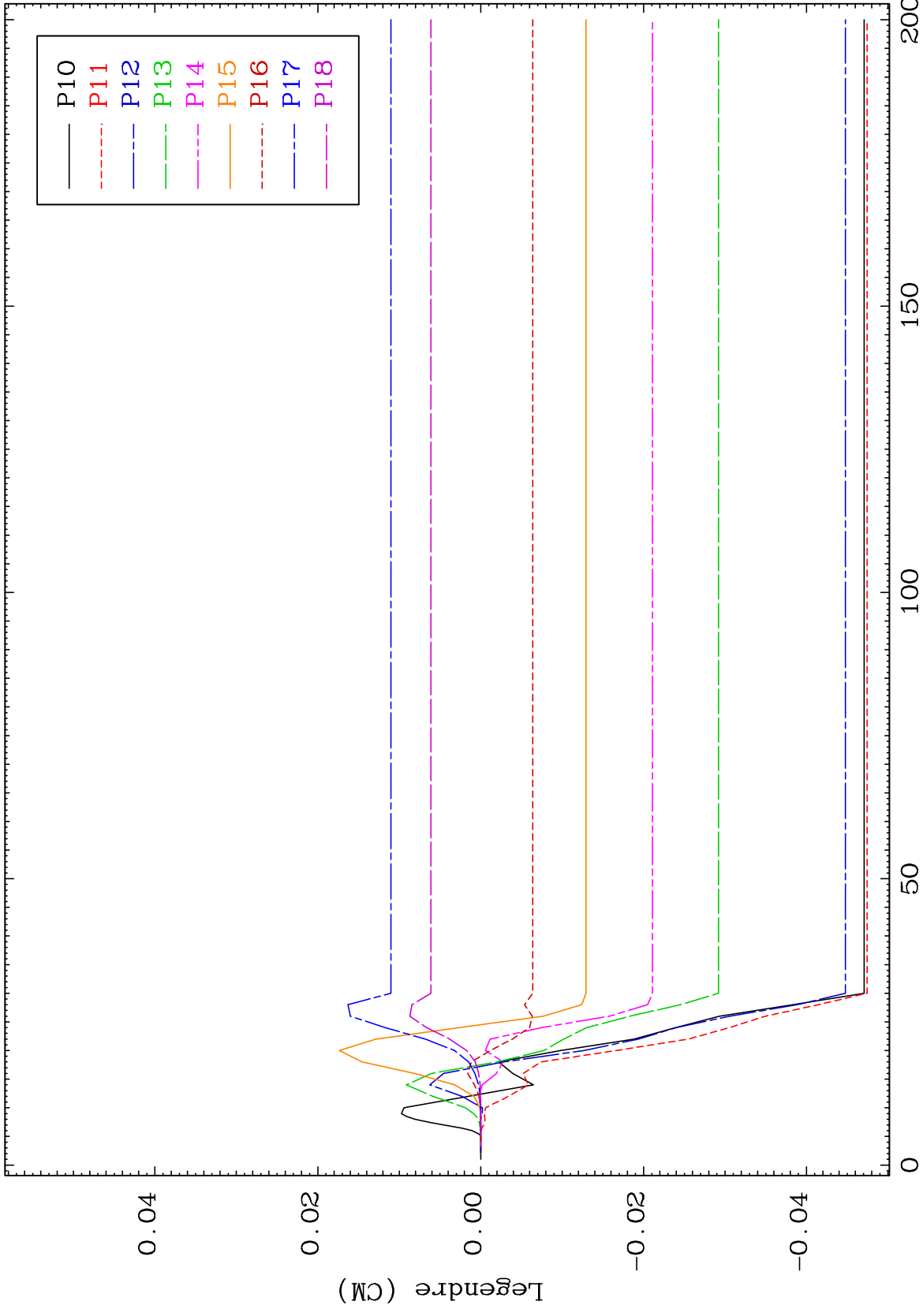
Incident Energy (MeV)

32

MAT 5931

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

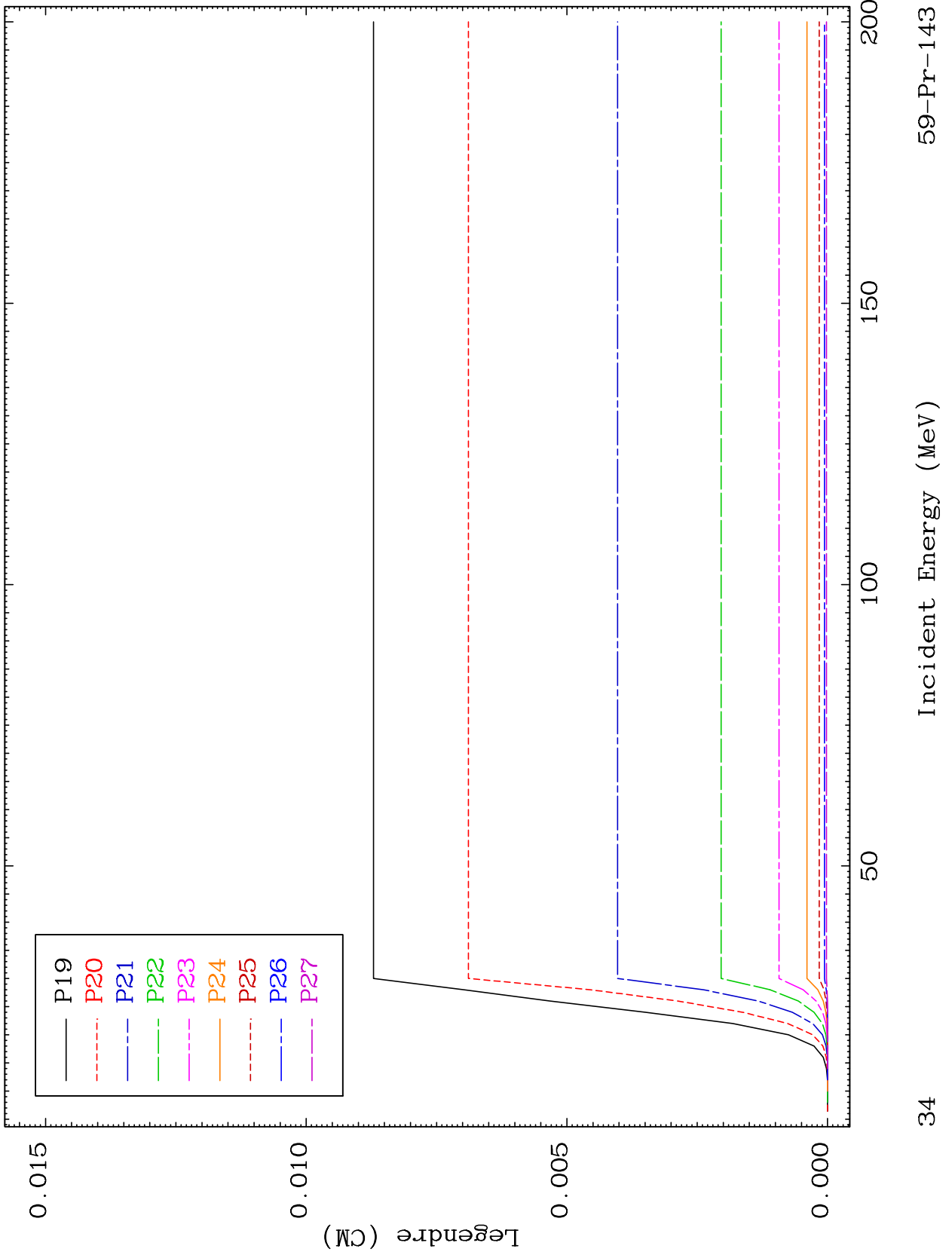
59-Pr-143



33

Incident Energy (MeV)

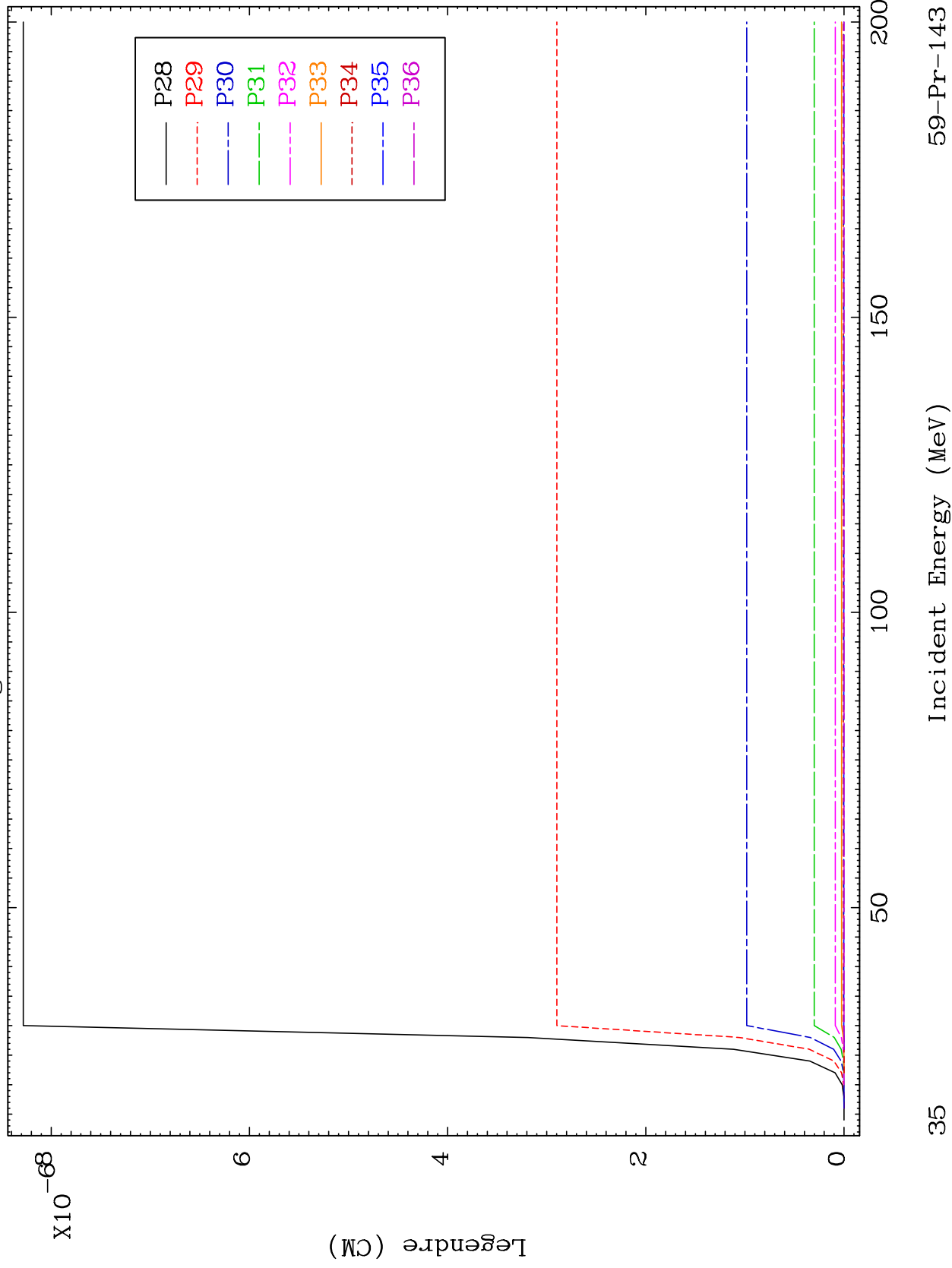
59-Pr-143



MAT 5931

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

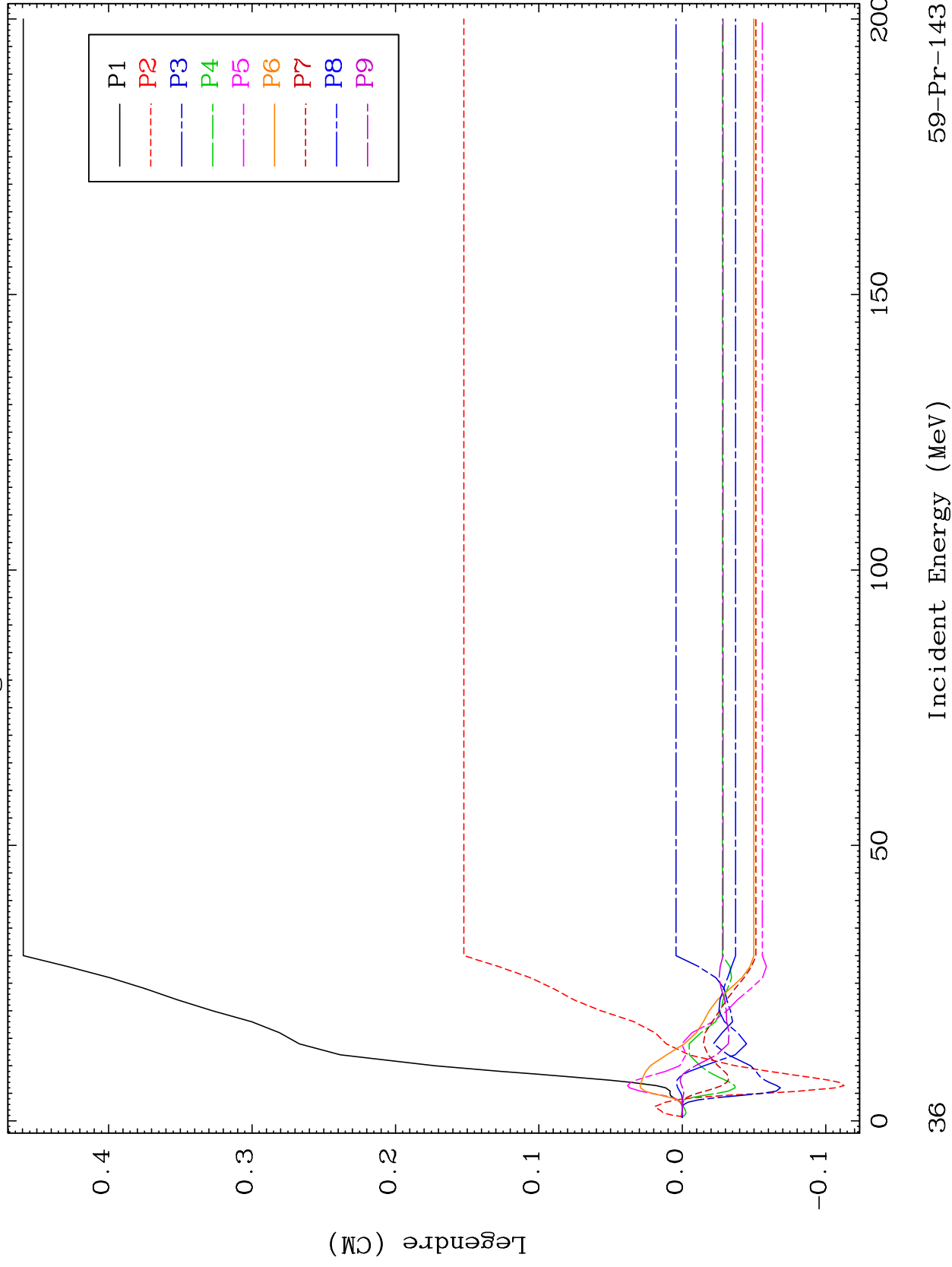
59-Pr-143



MAT 5931

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

59-Pr-143



59-Pr-143

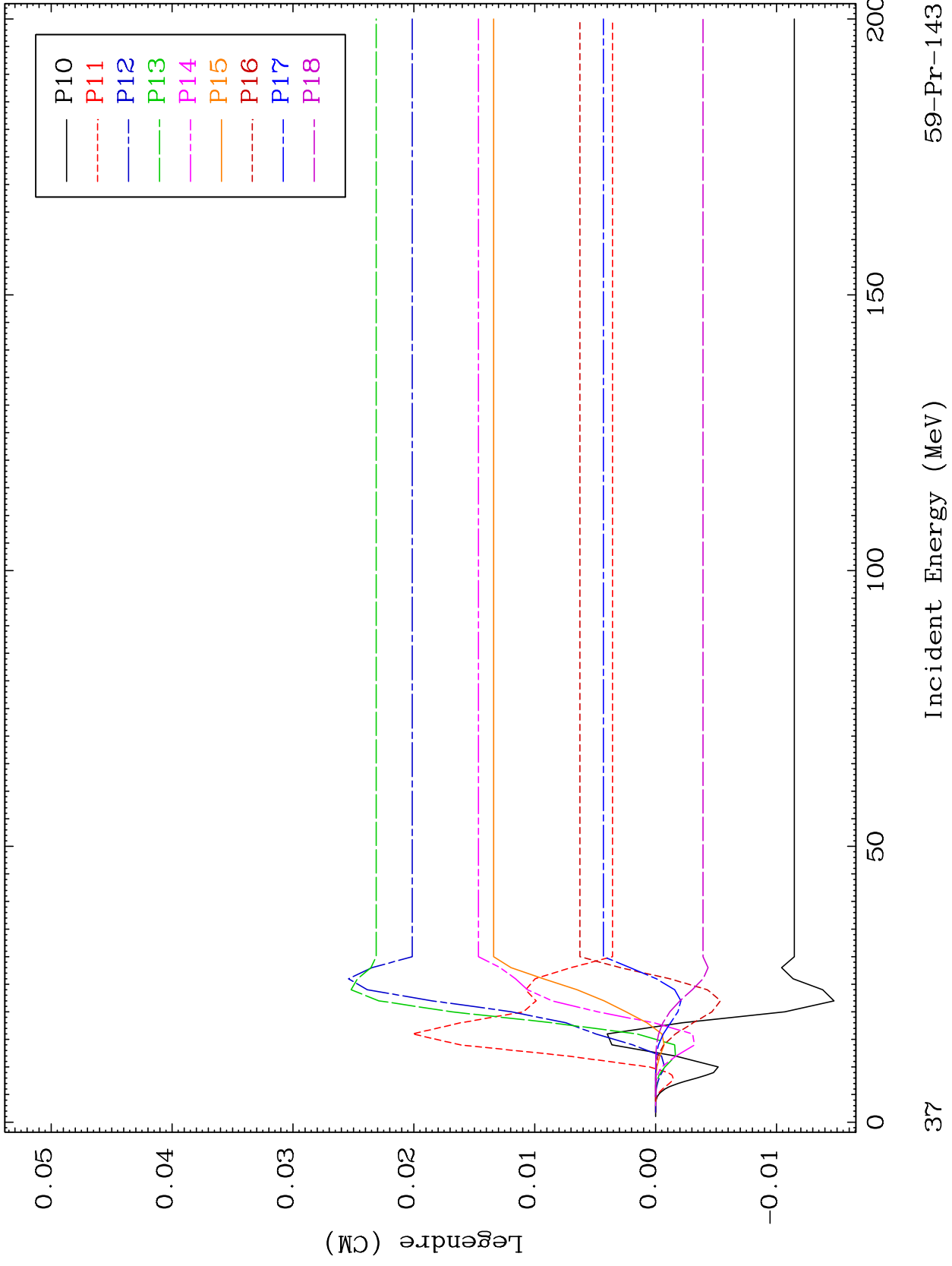
Incident Energy (MeV)

36

MAT 5931

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

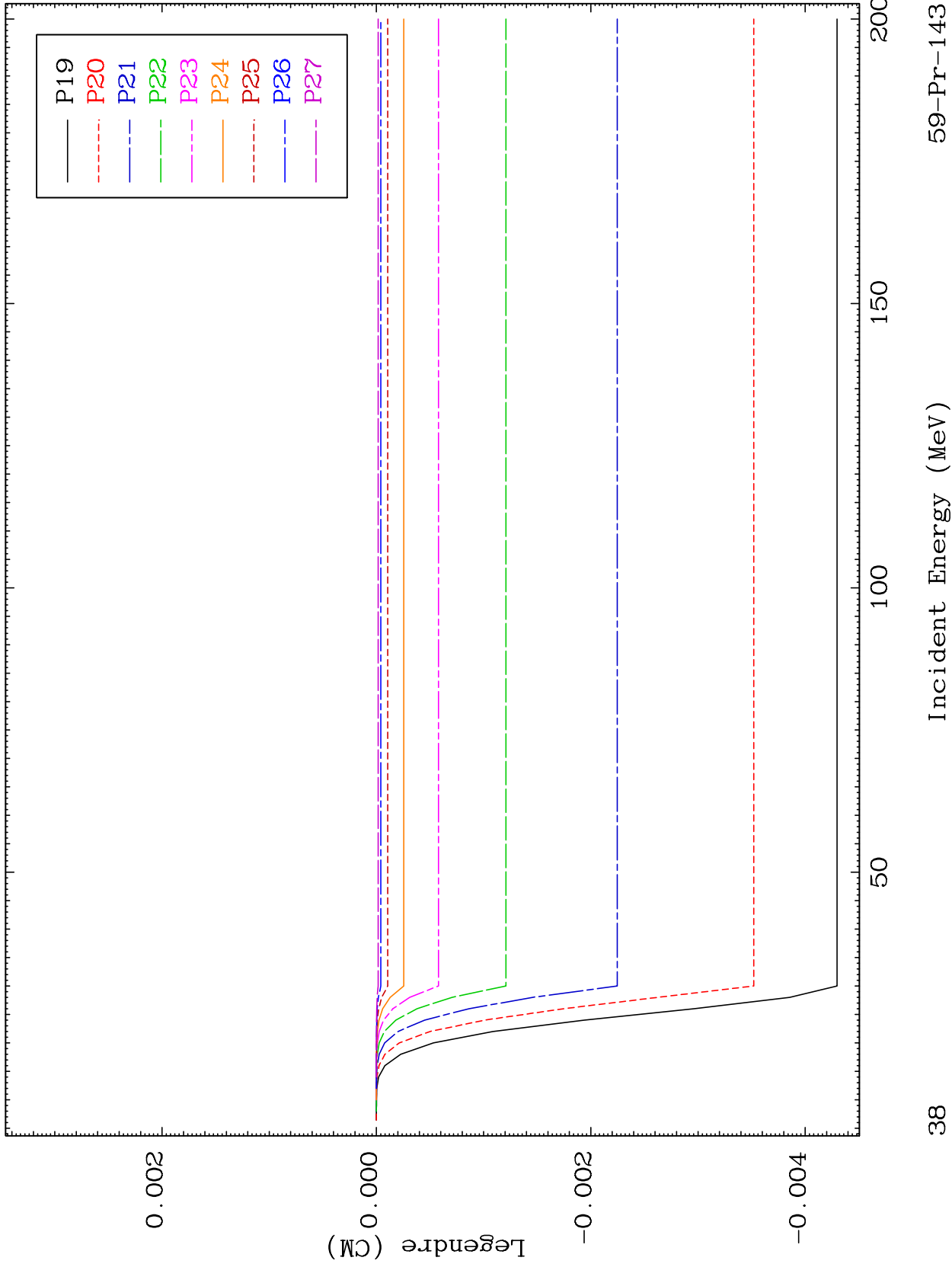
59-Pr-143



37

Incident Energy (MeV)

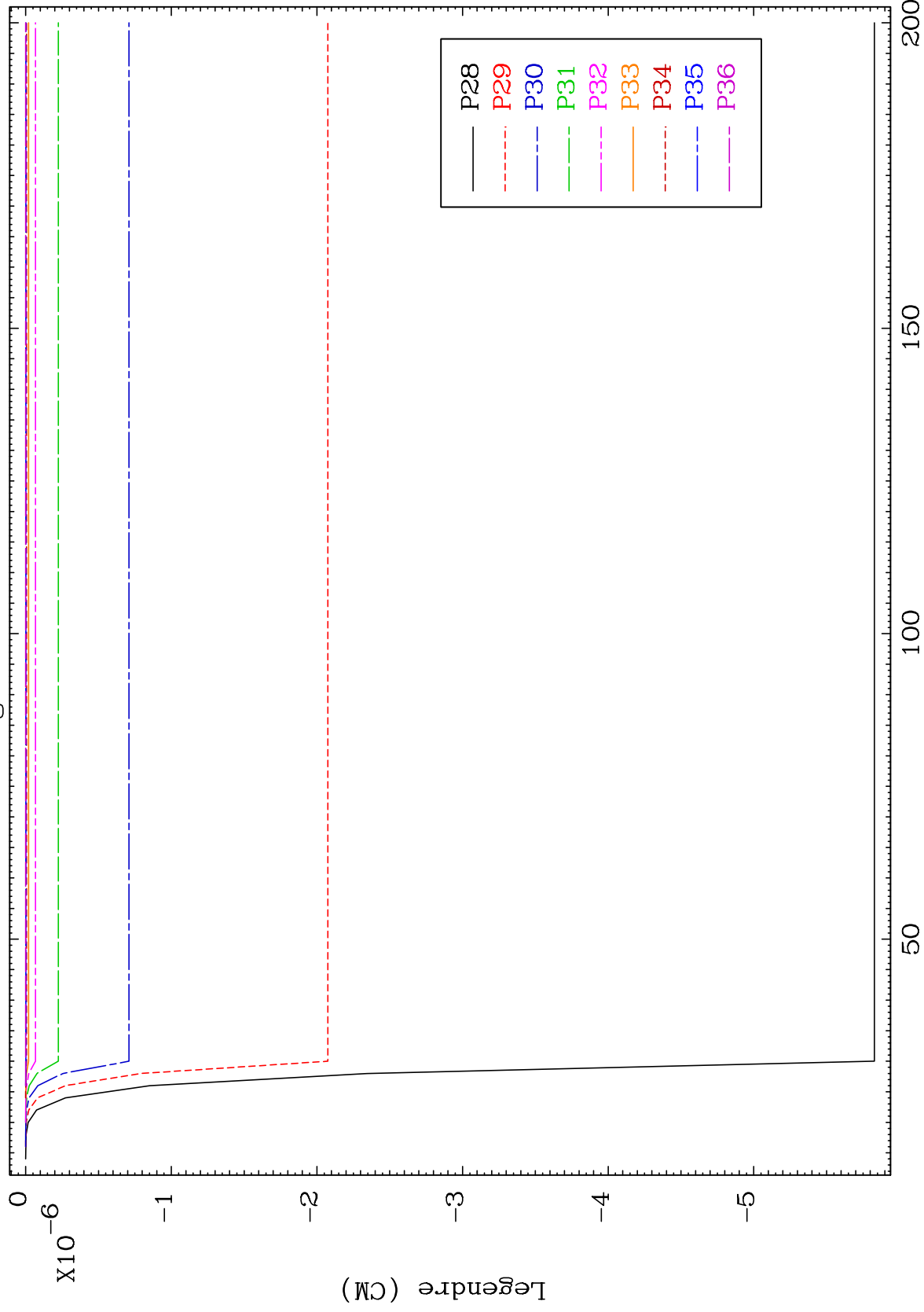
59-Pr-143



MAT 5931

59-Pr-143

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



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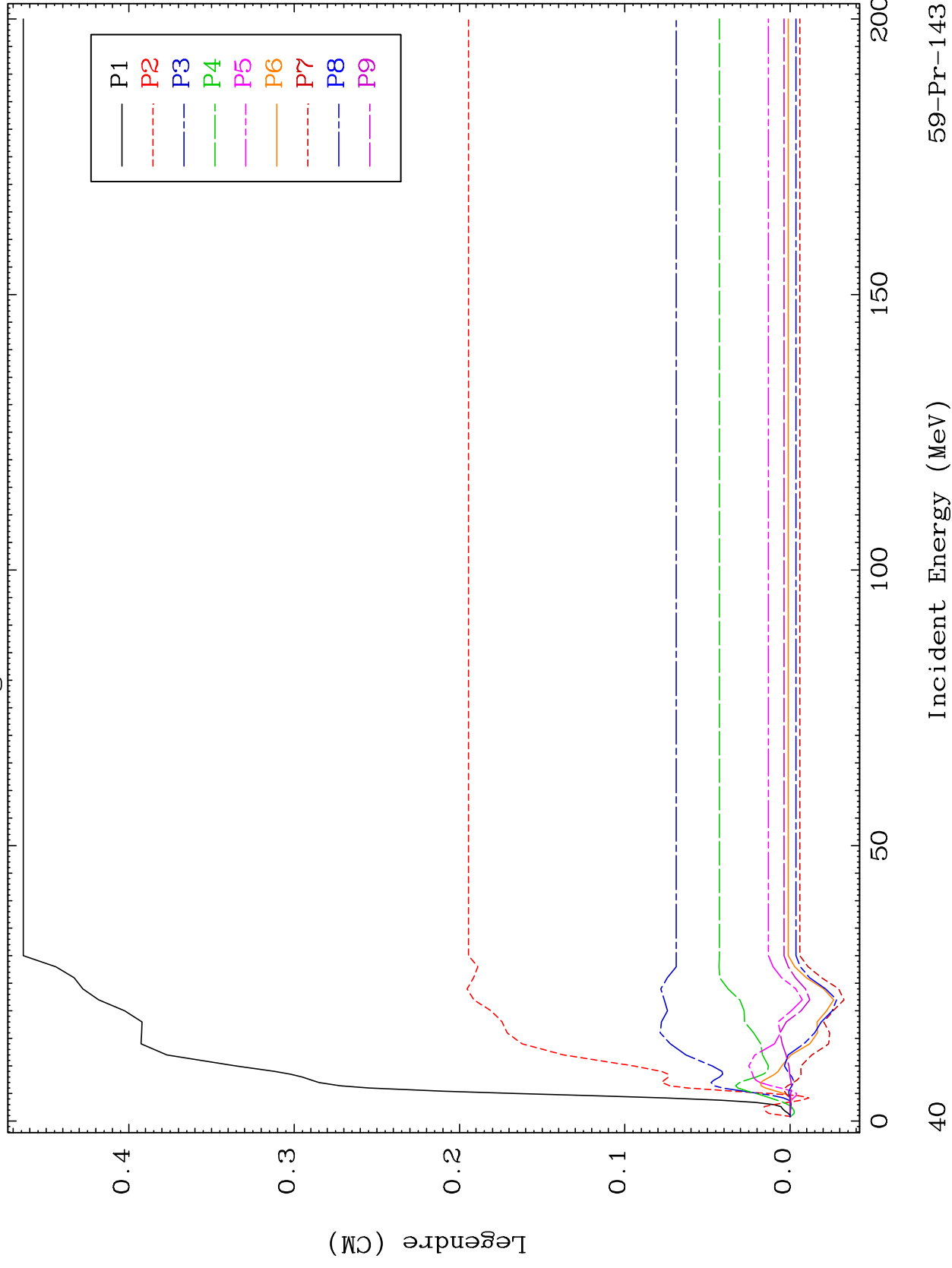
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



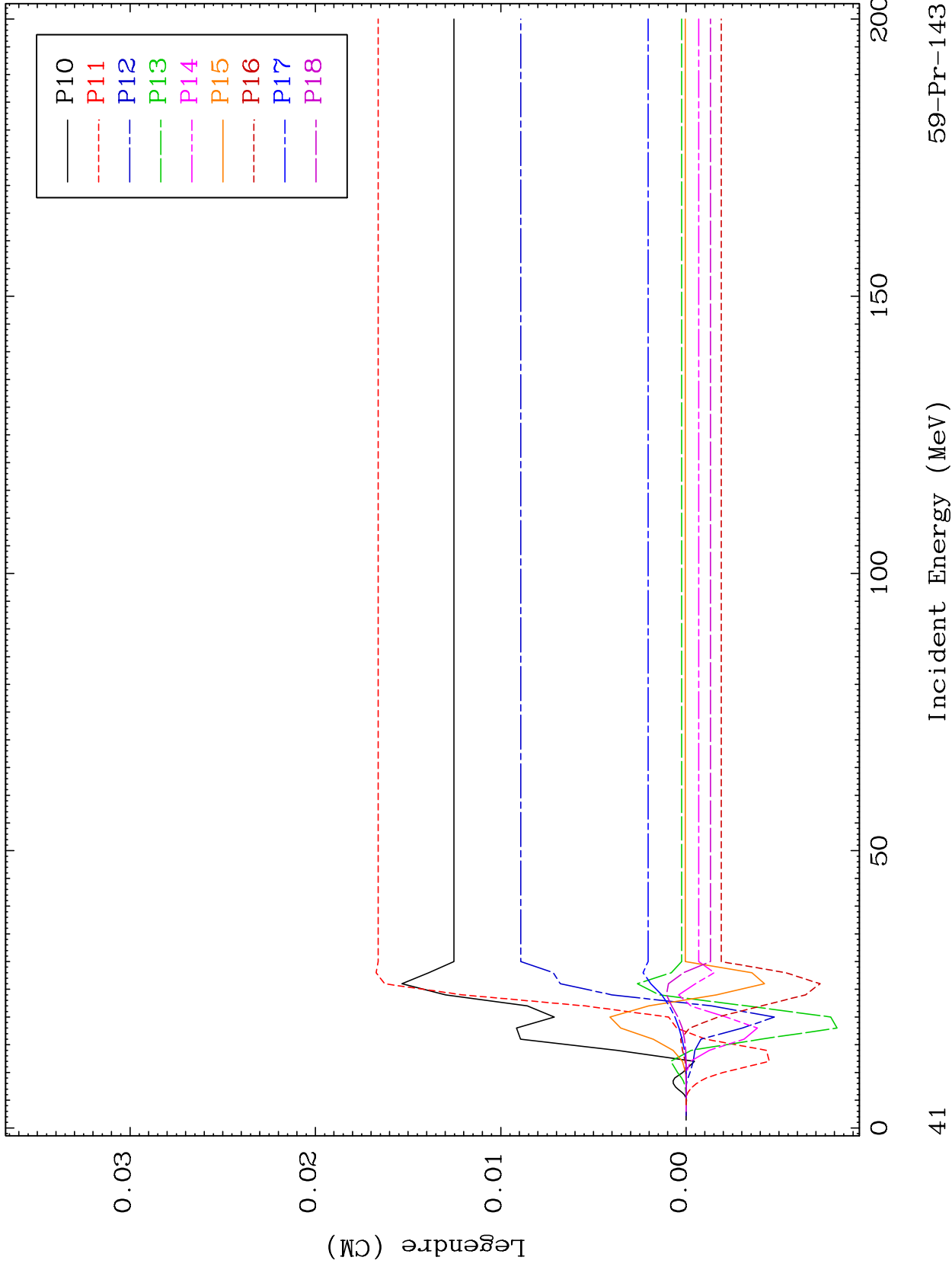
59-Pr-143

Incident Energy (MeV)

MAT 5931

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

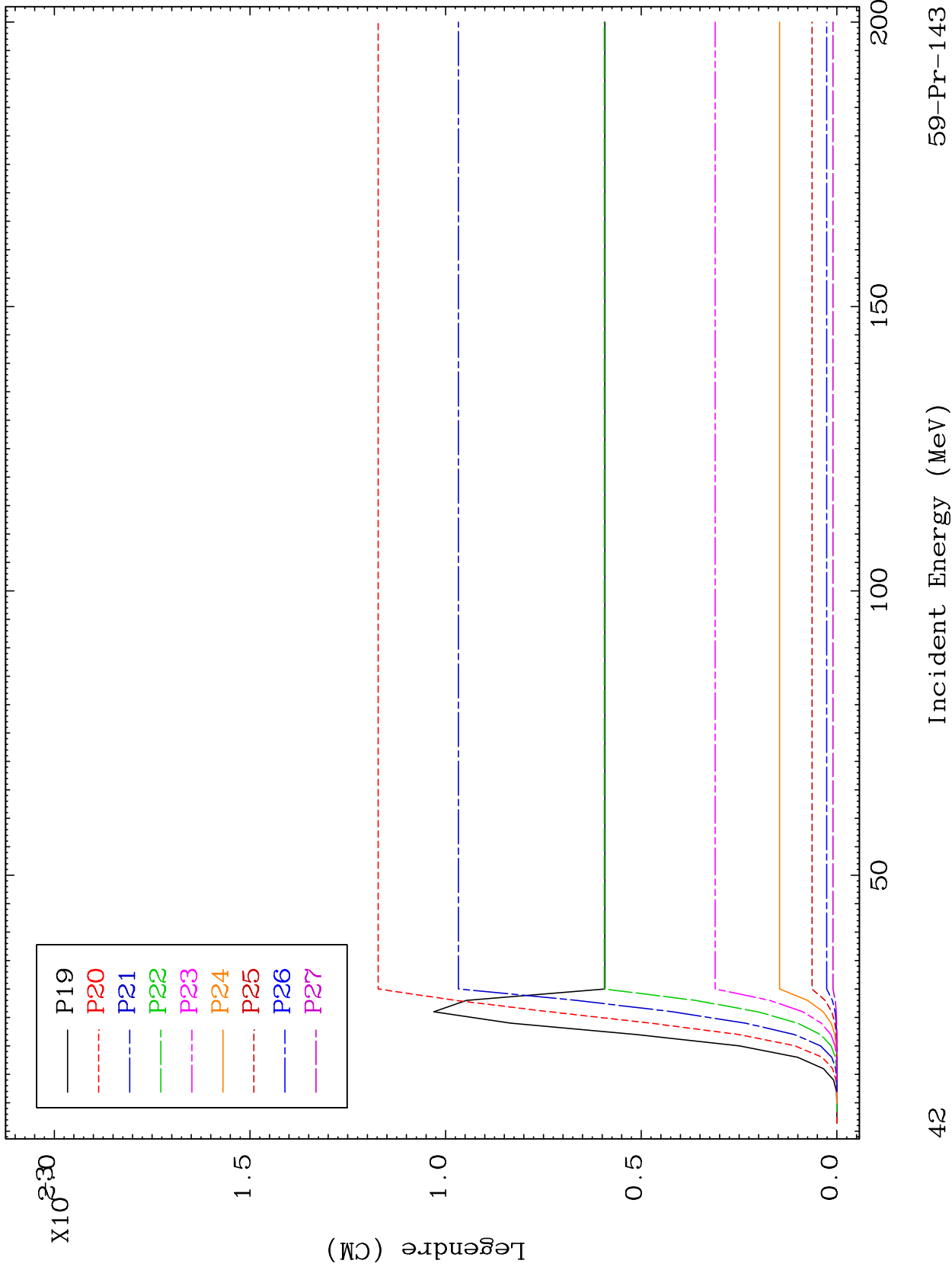
59-Pr-143



41

Incident Energy (MeV)

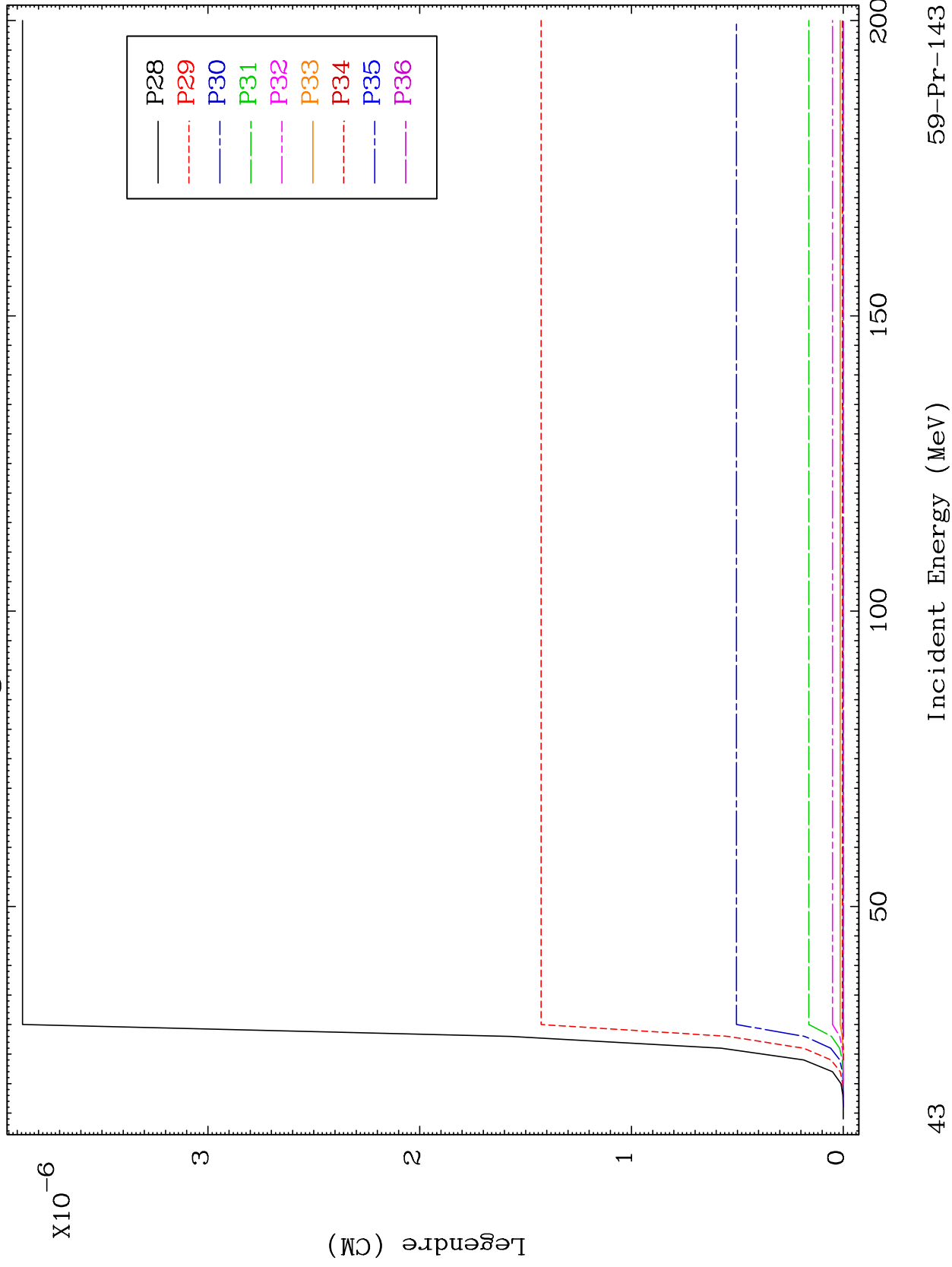
59-Pr-143



MAT 5931

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

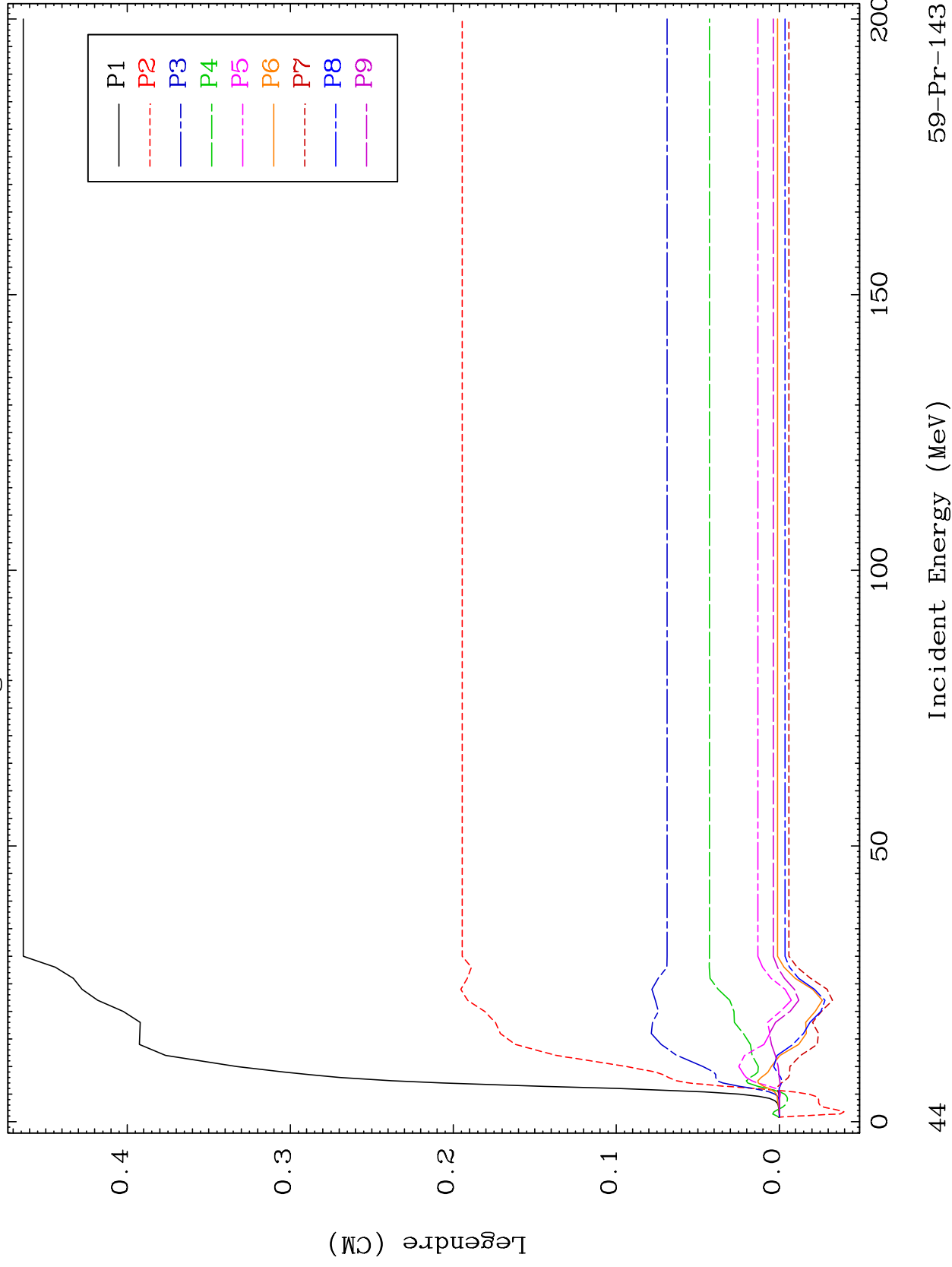
59-Pr-143



MAT 5931

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

59-Pr-143



44

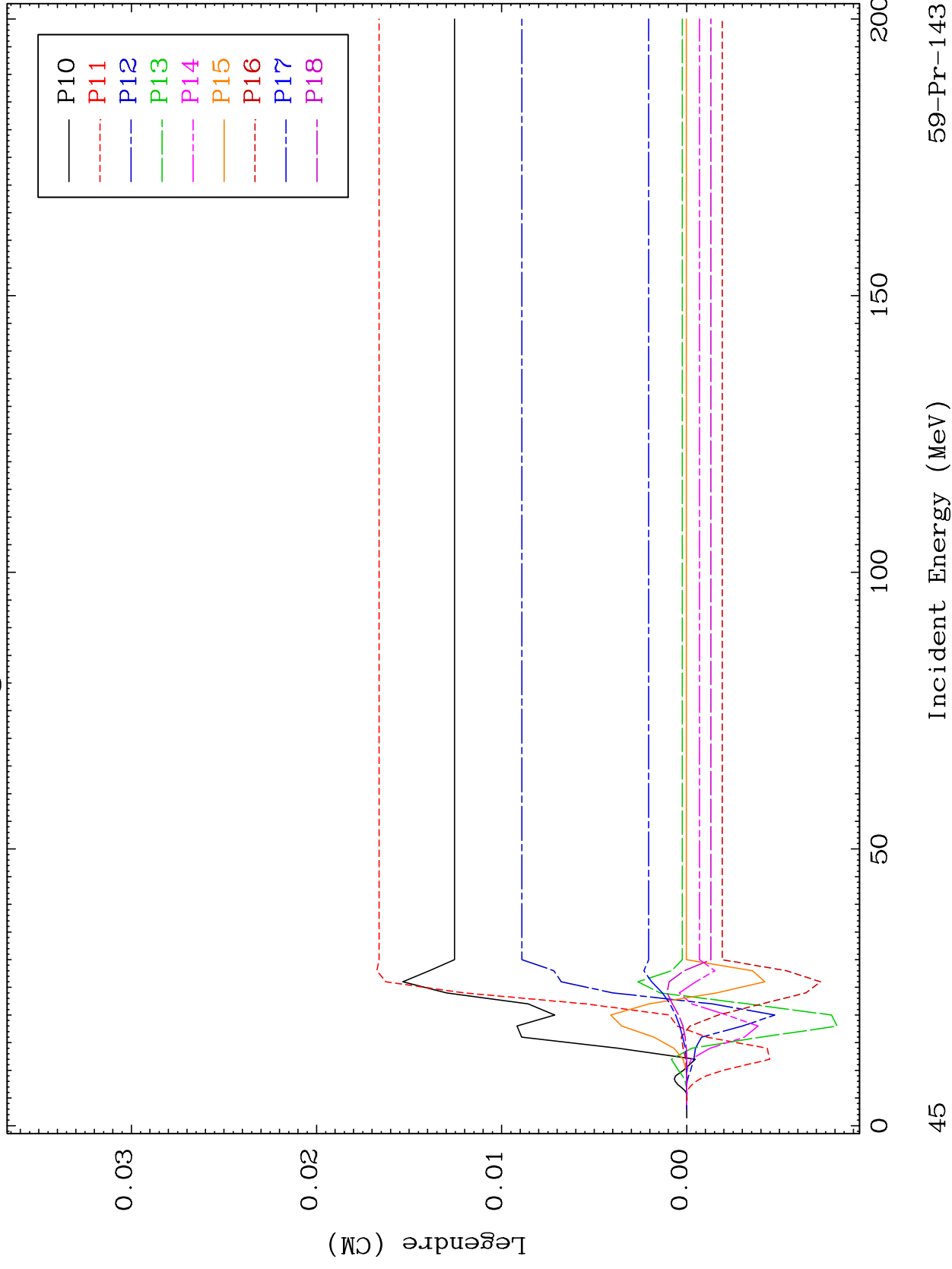
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

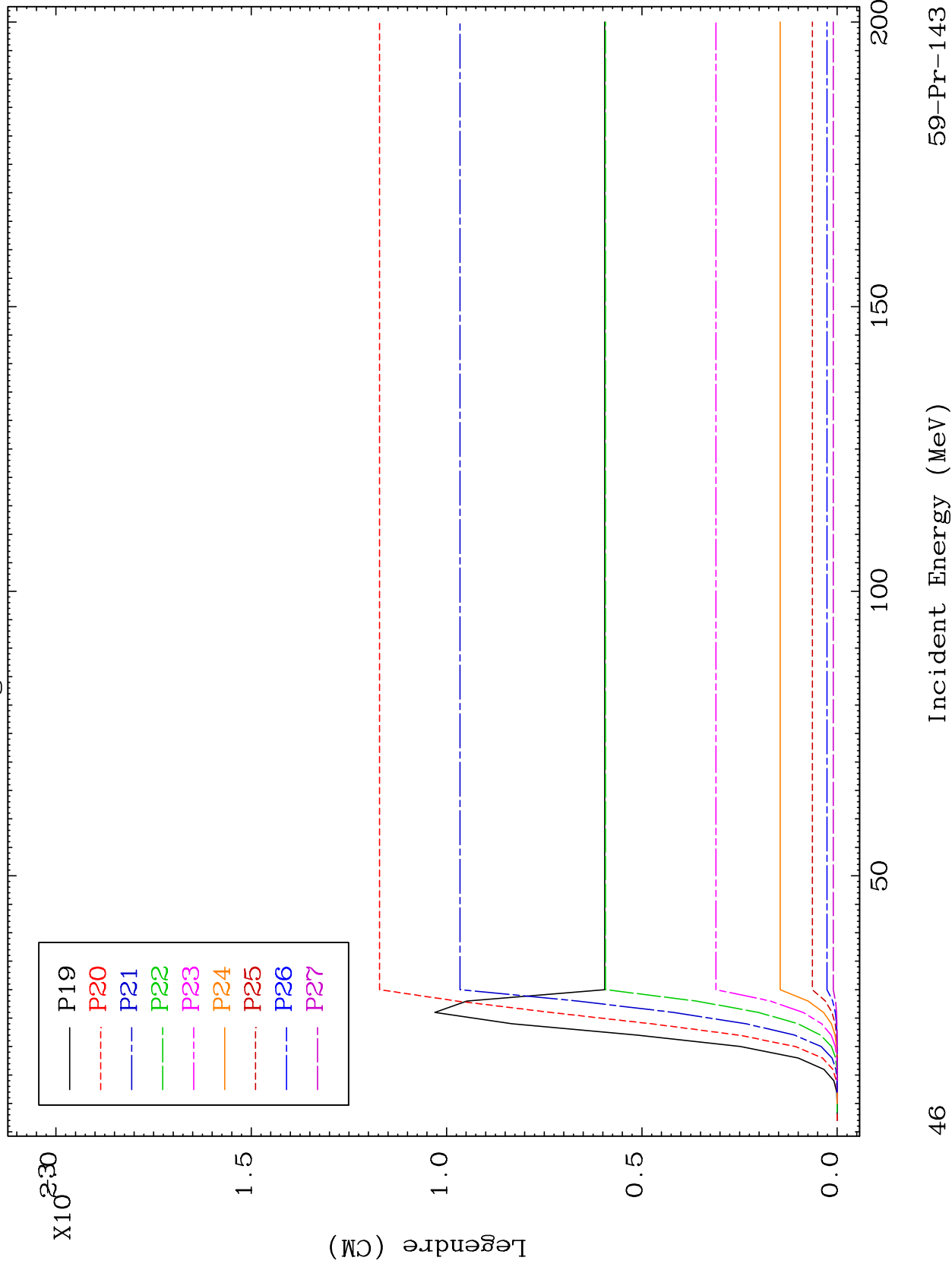
59-Pr-143



59-Pr-143

Incident Energy (MeV)

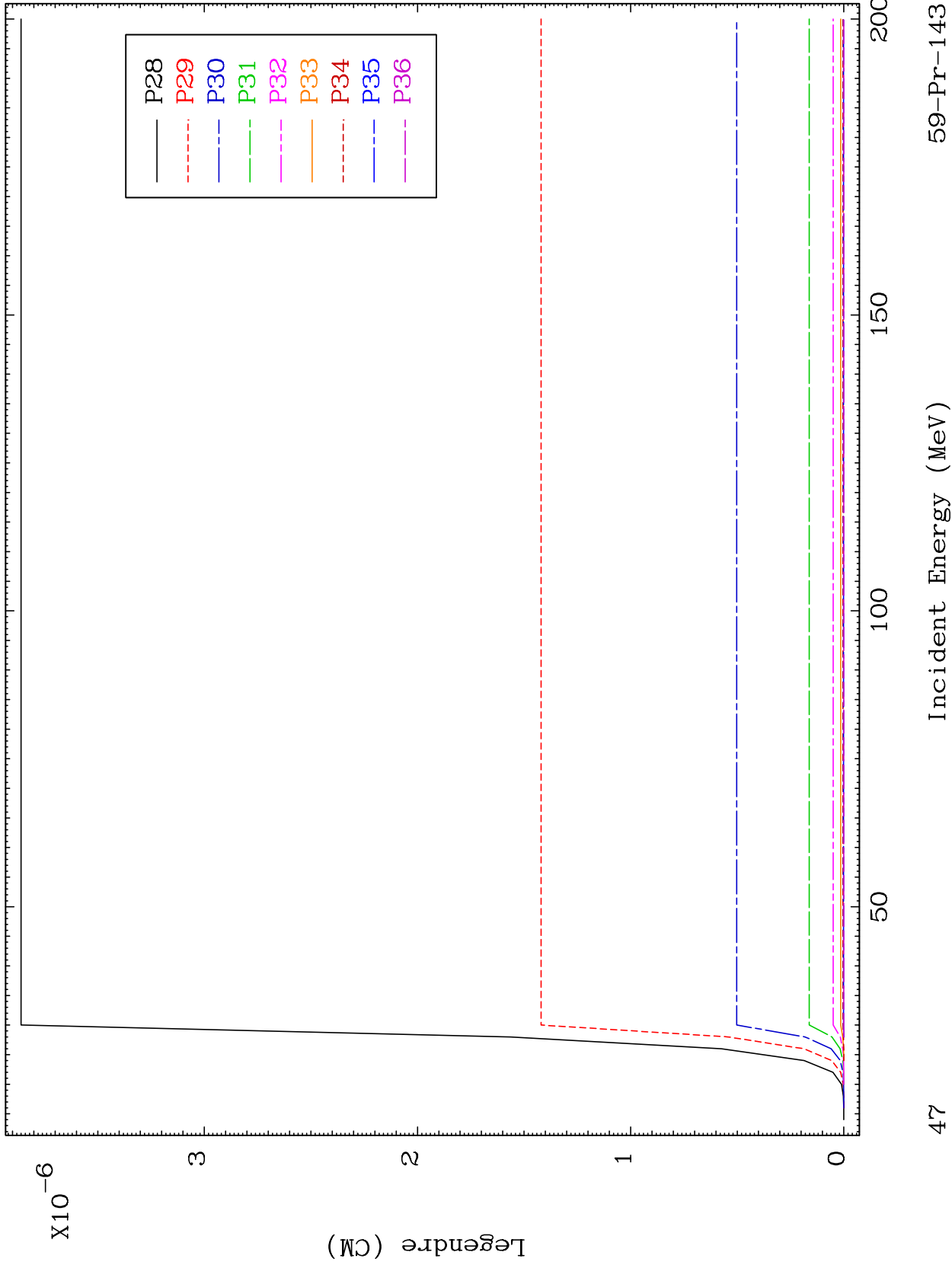
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MAT 5931

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

59-Pr-143



47

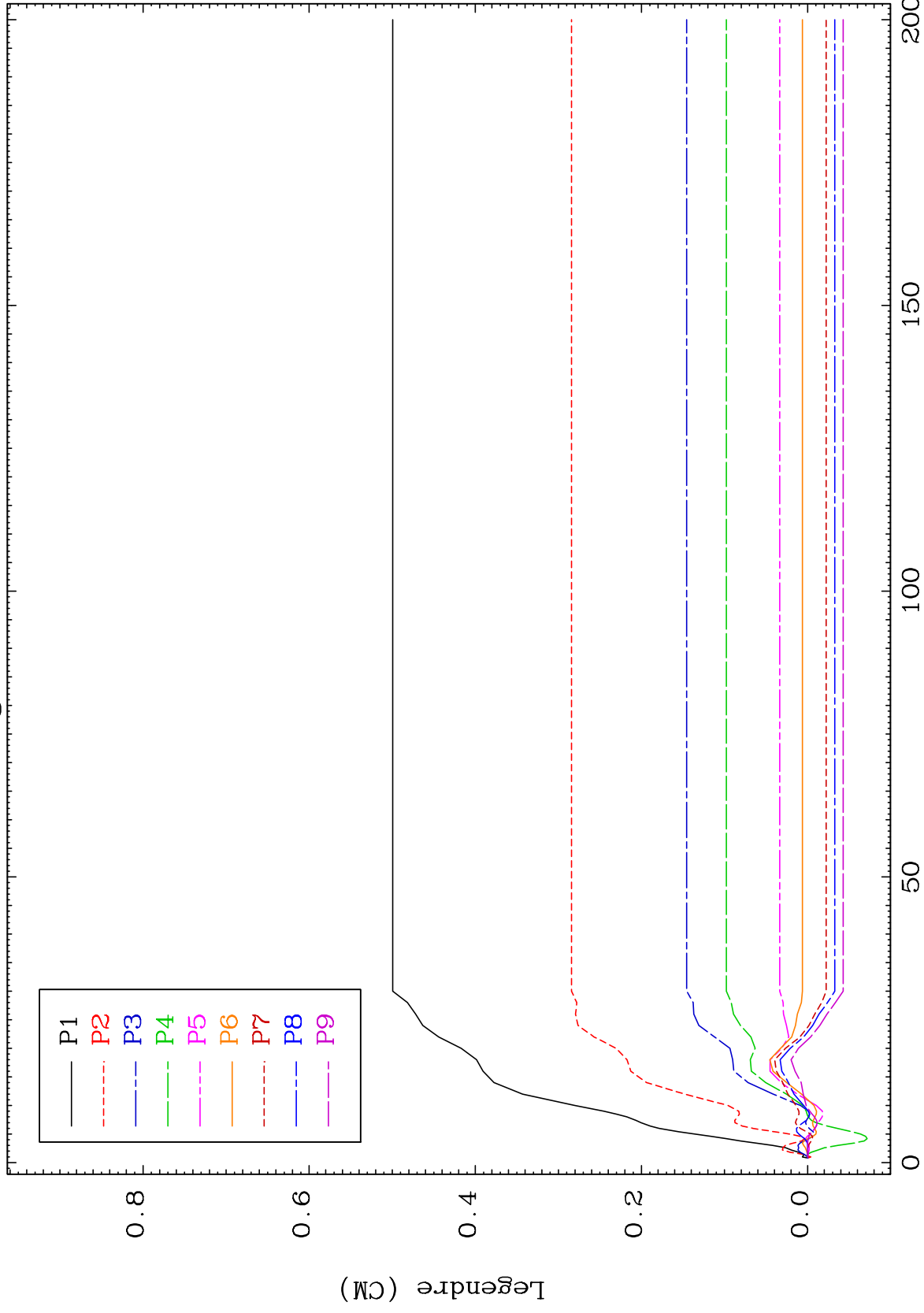
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



48

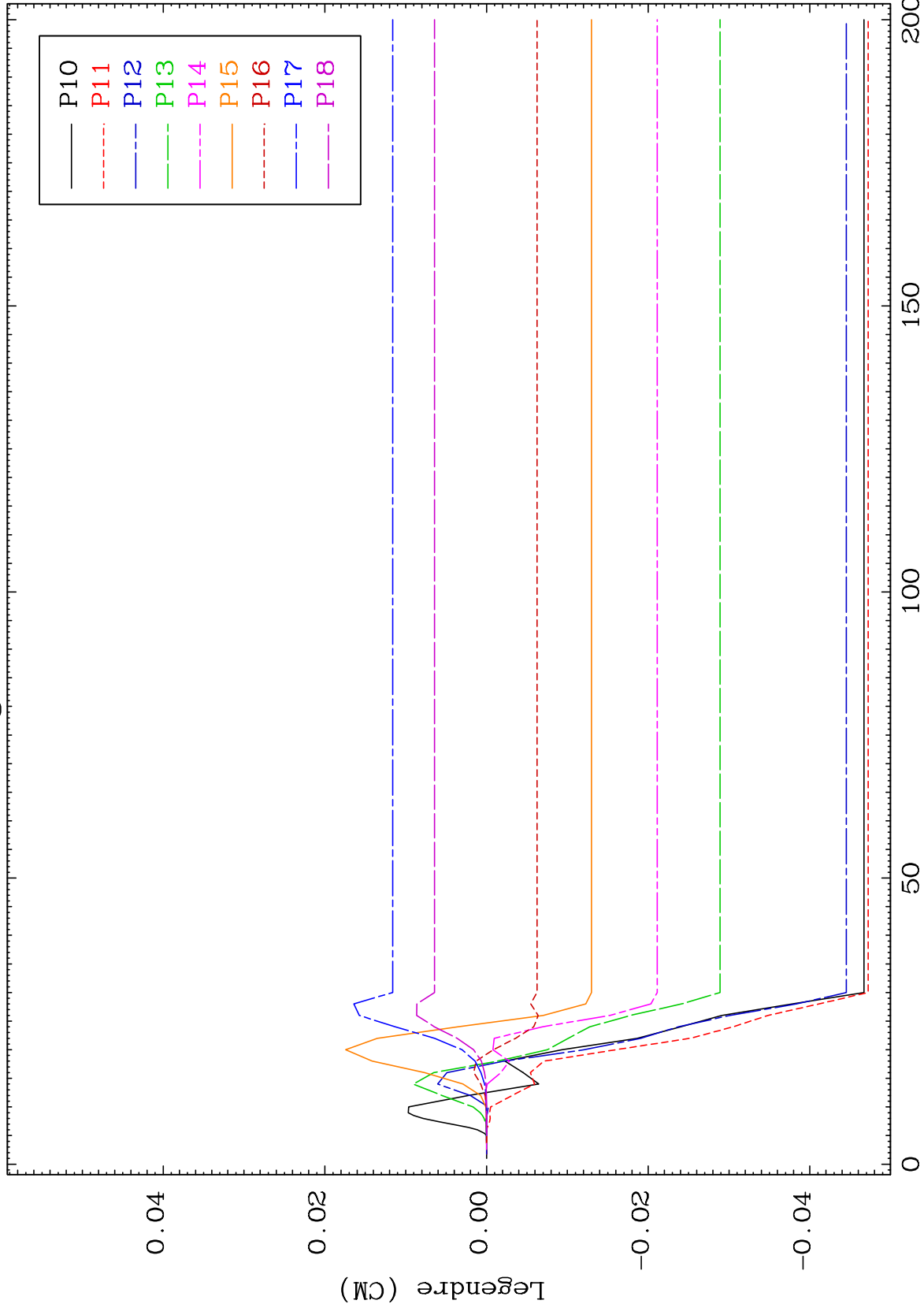
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



49

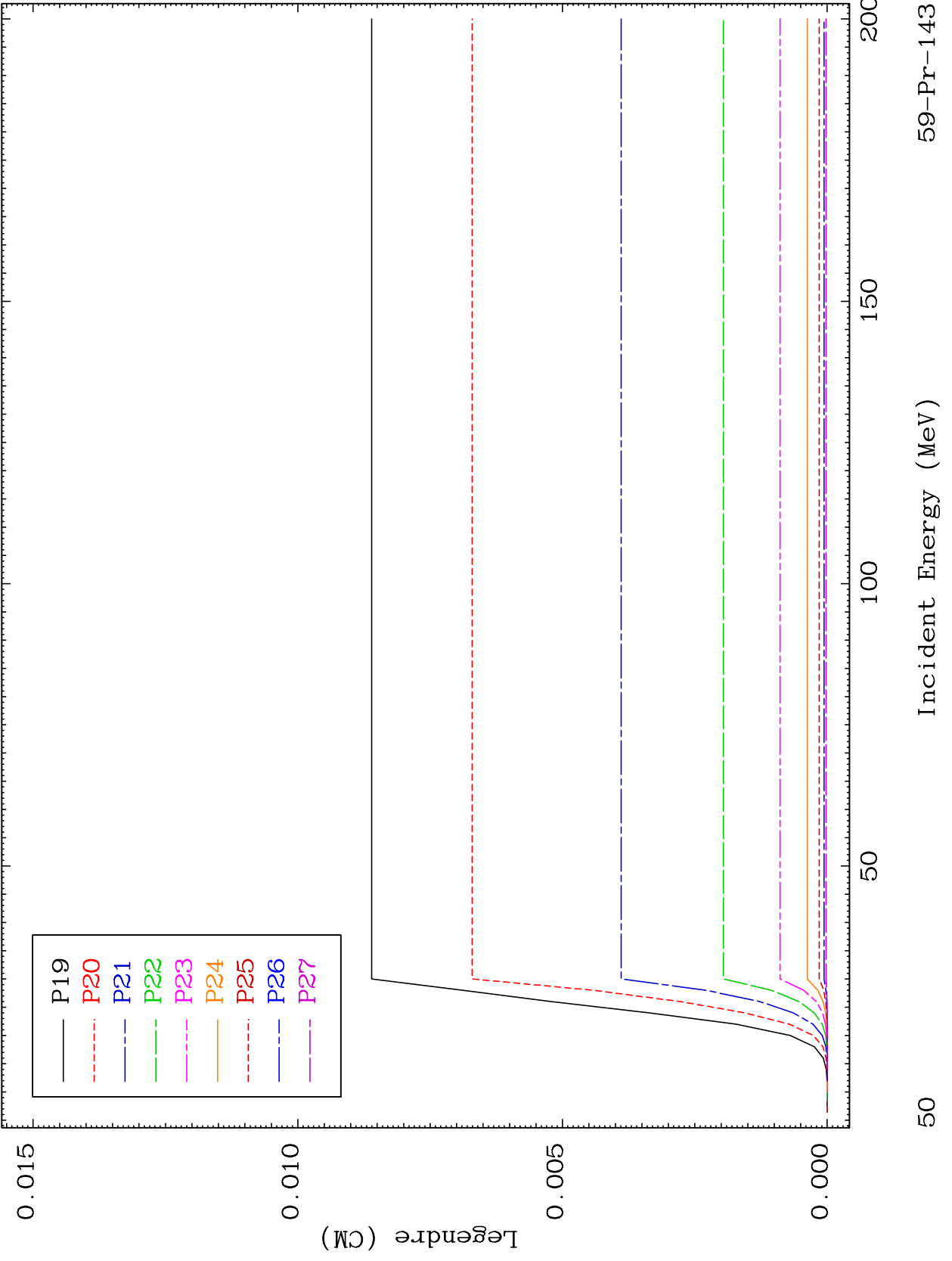
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

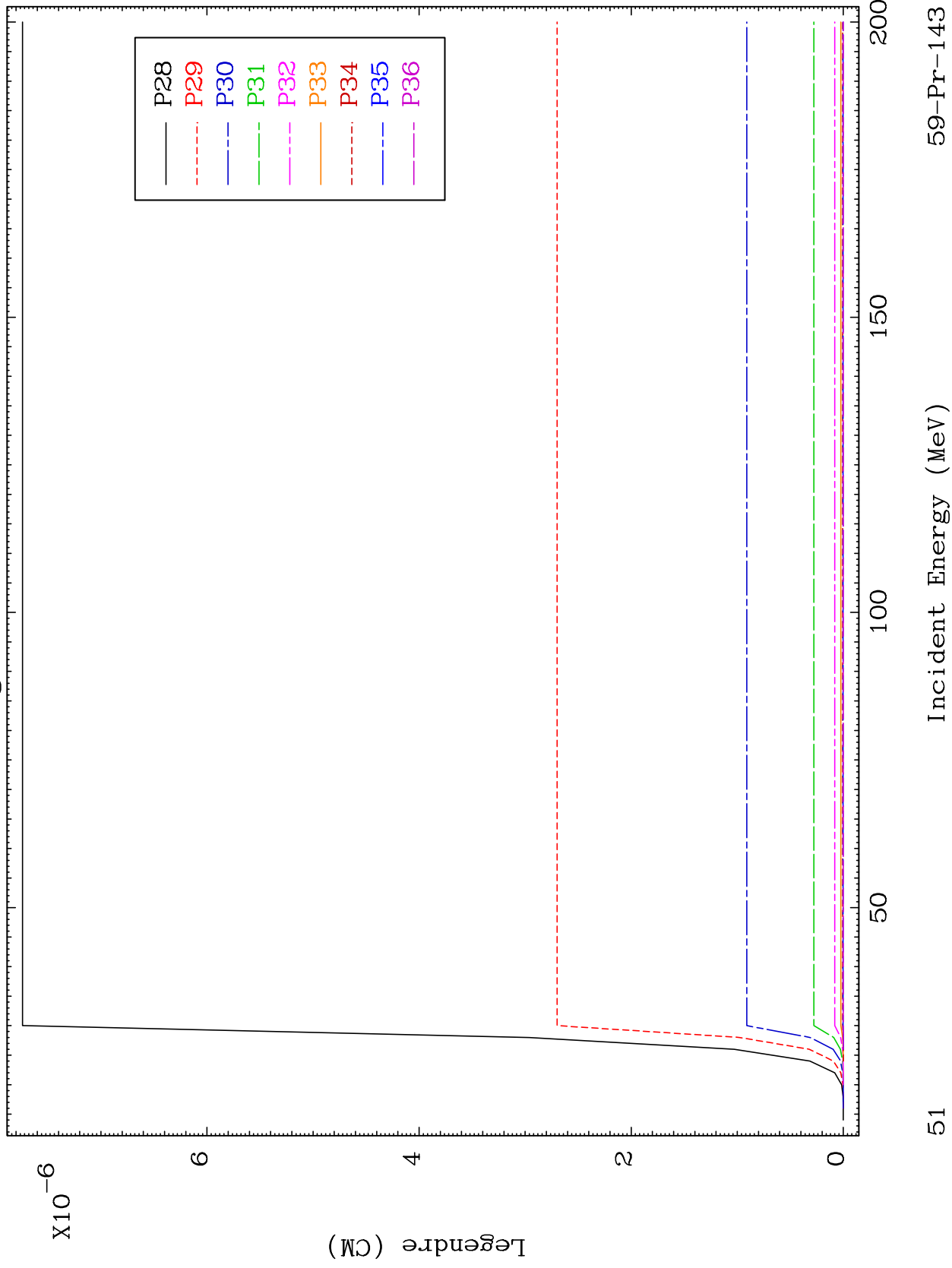
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MAT 5931

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

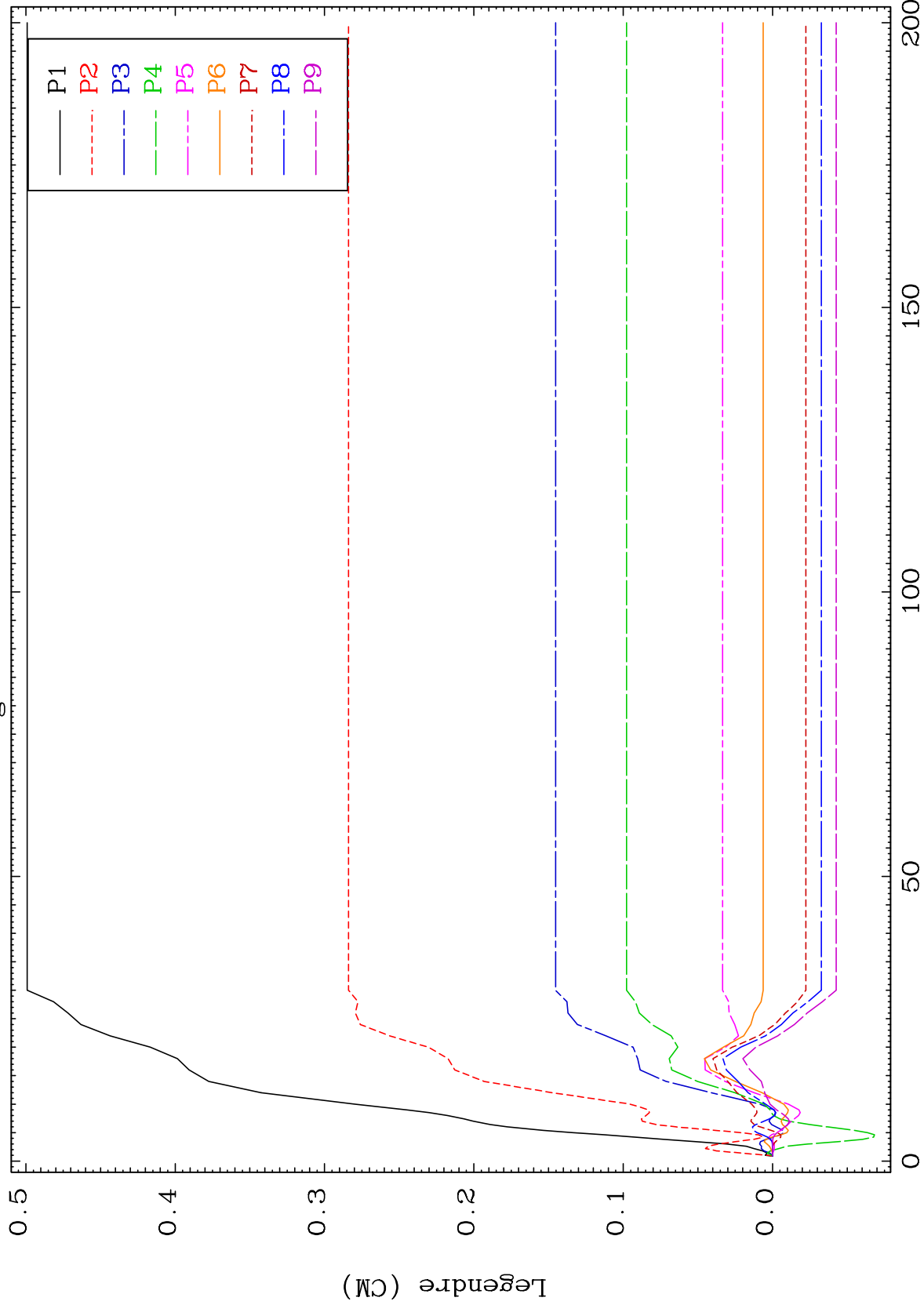
59-Pr-143



MAT 5931

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

59-Pr-143



52

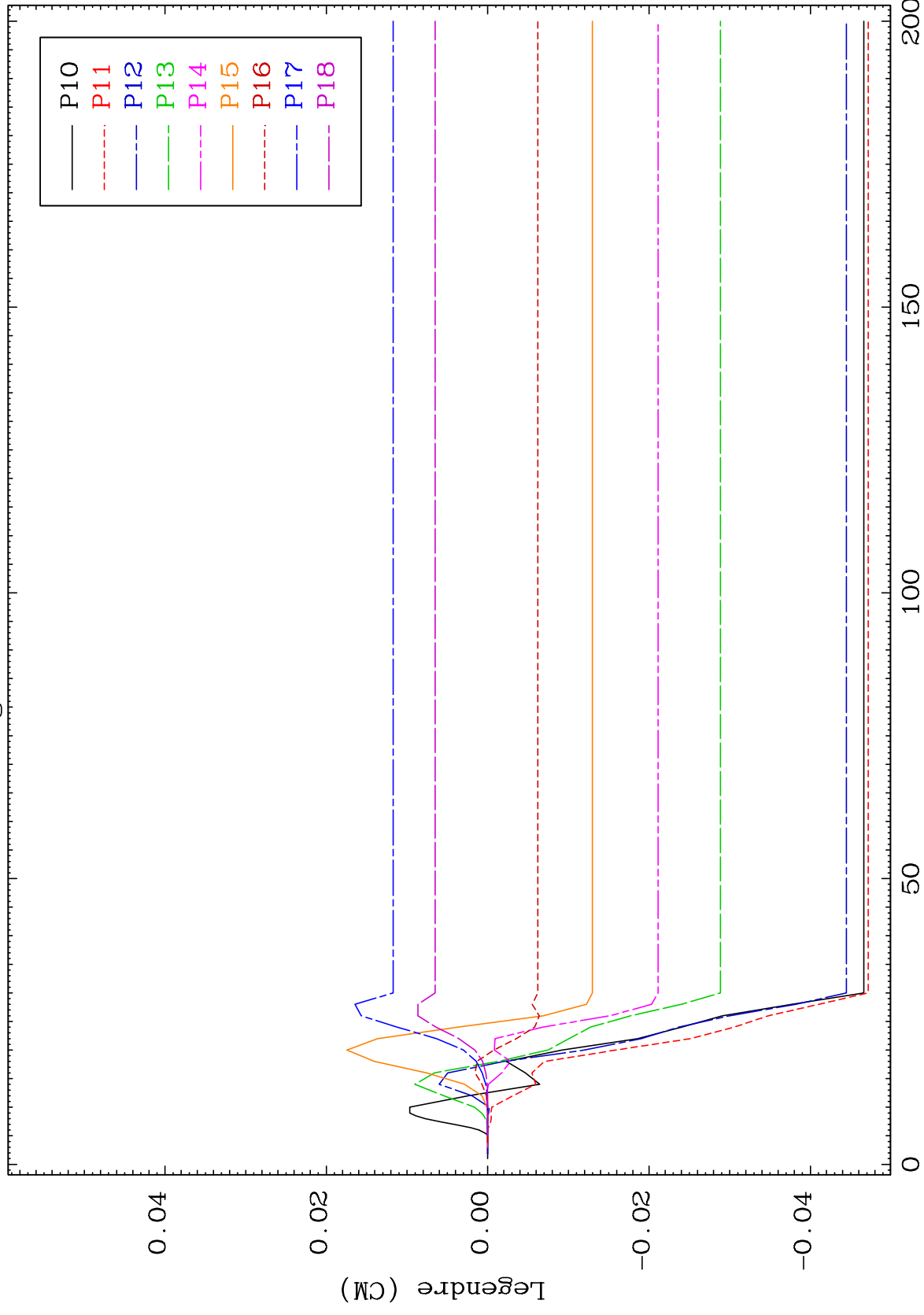
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



53

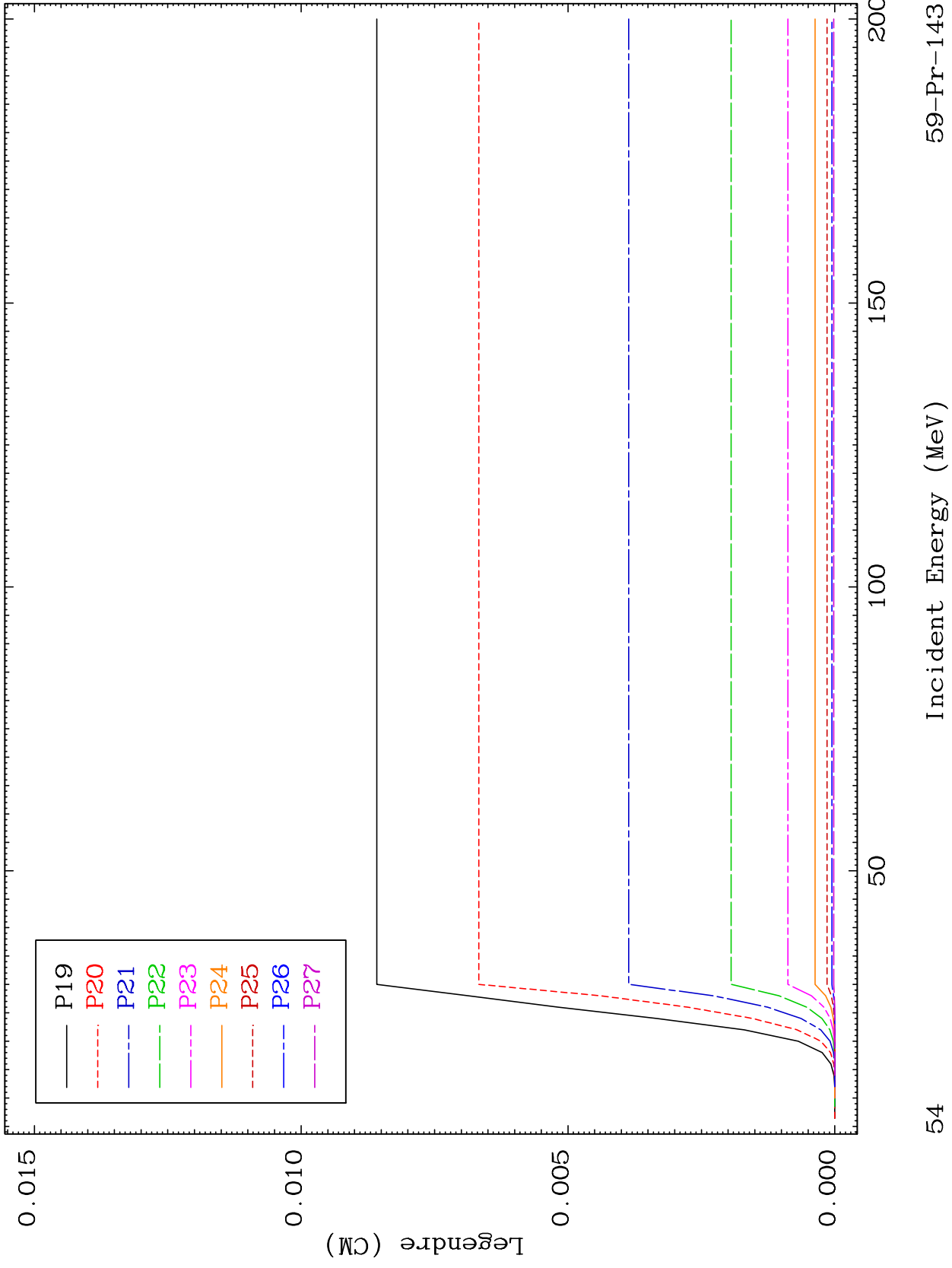
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



54

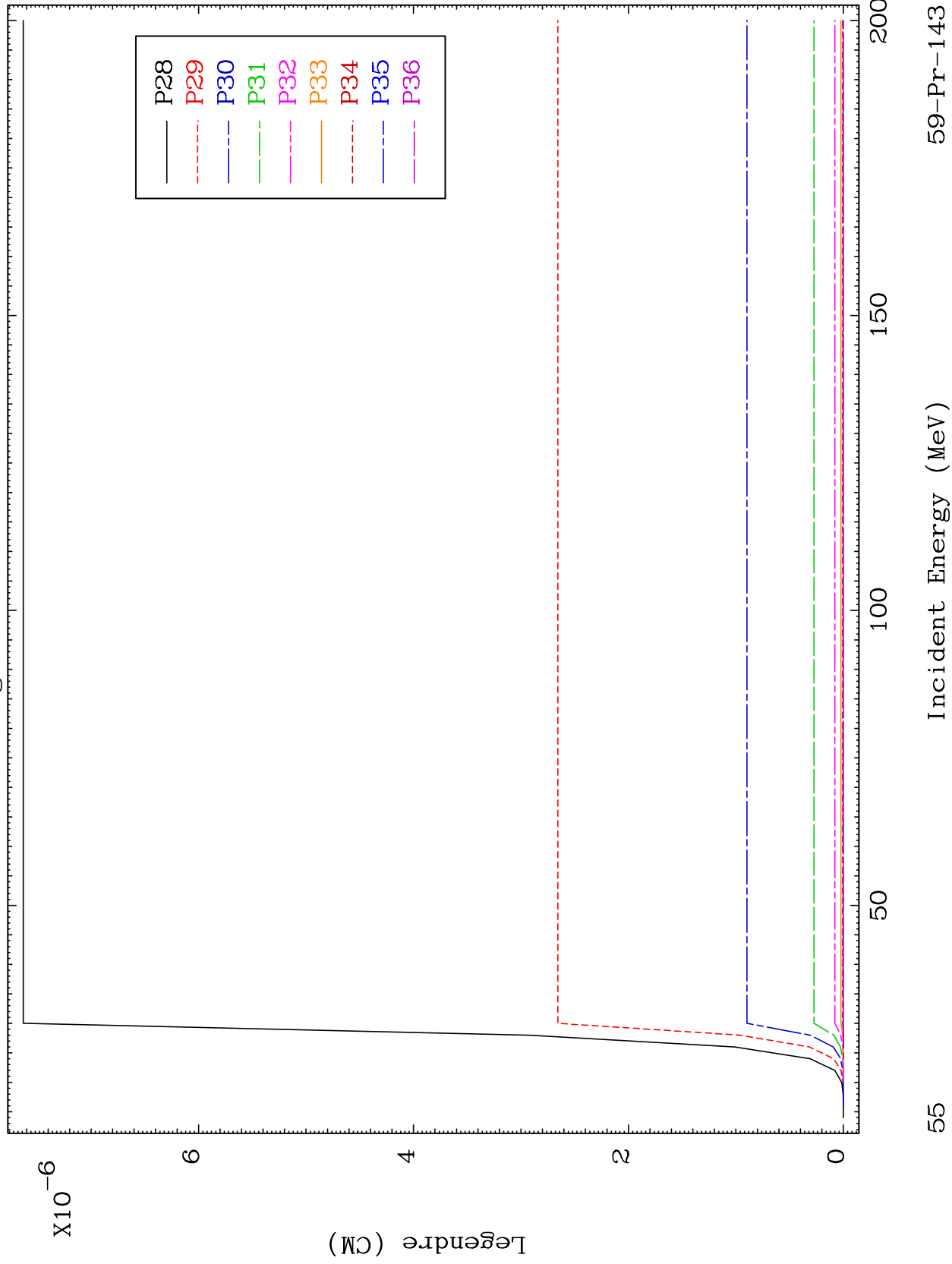
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

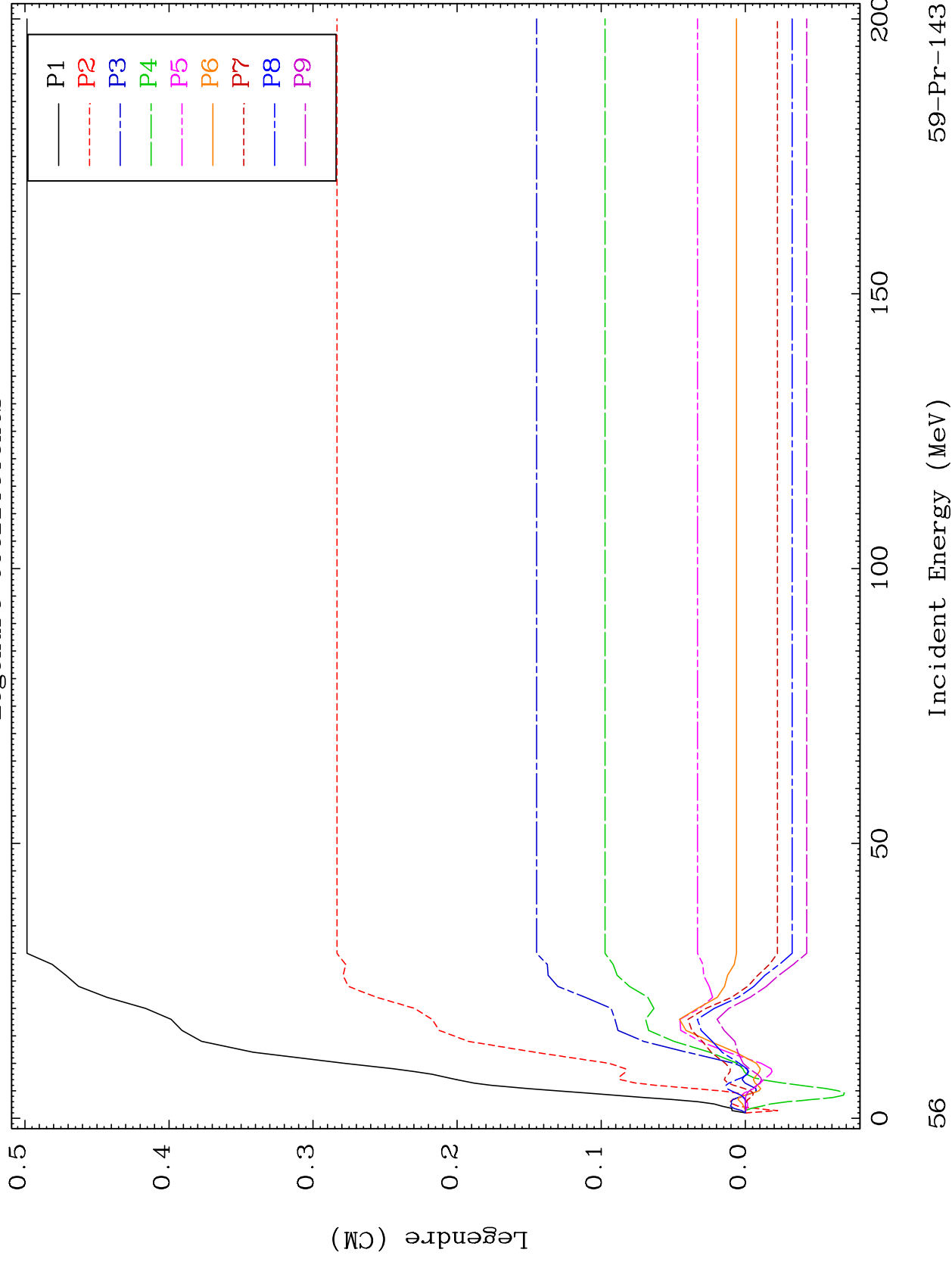
59-Pr-143



MAT 5931

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

59-Pr-143



59-Pr-143

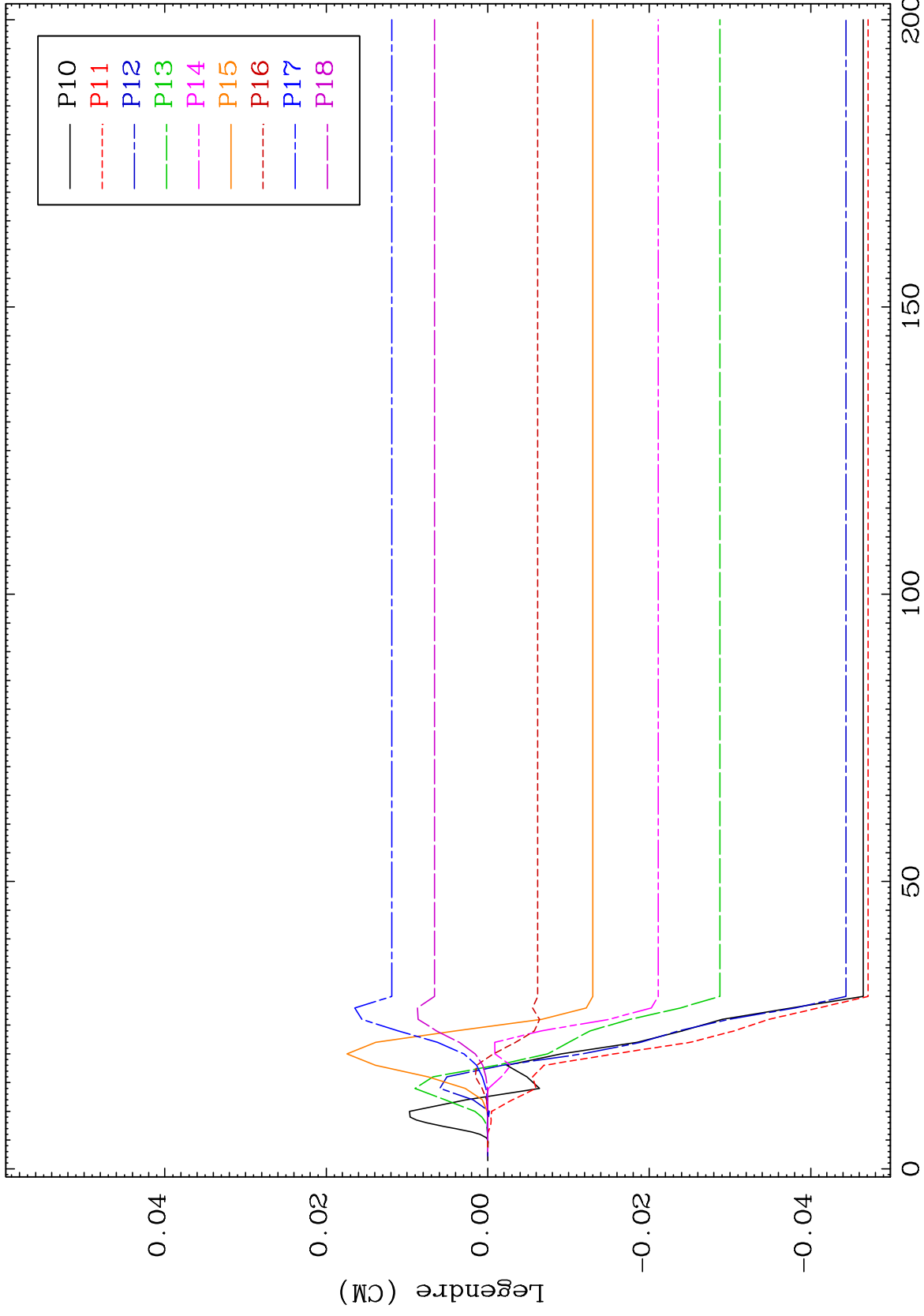
Incident Energy (MeV)

56

MAT 5931

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

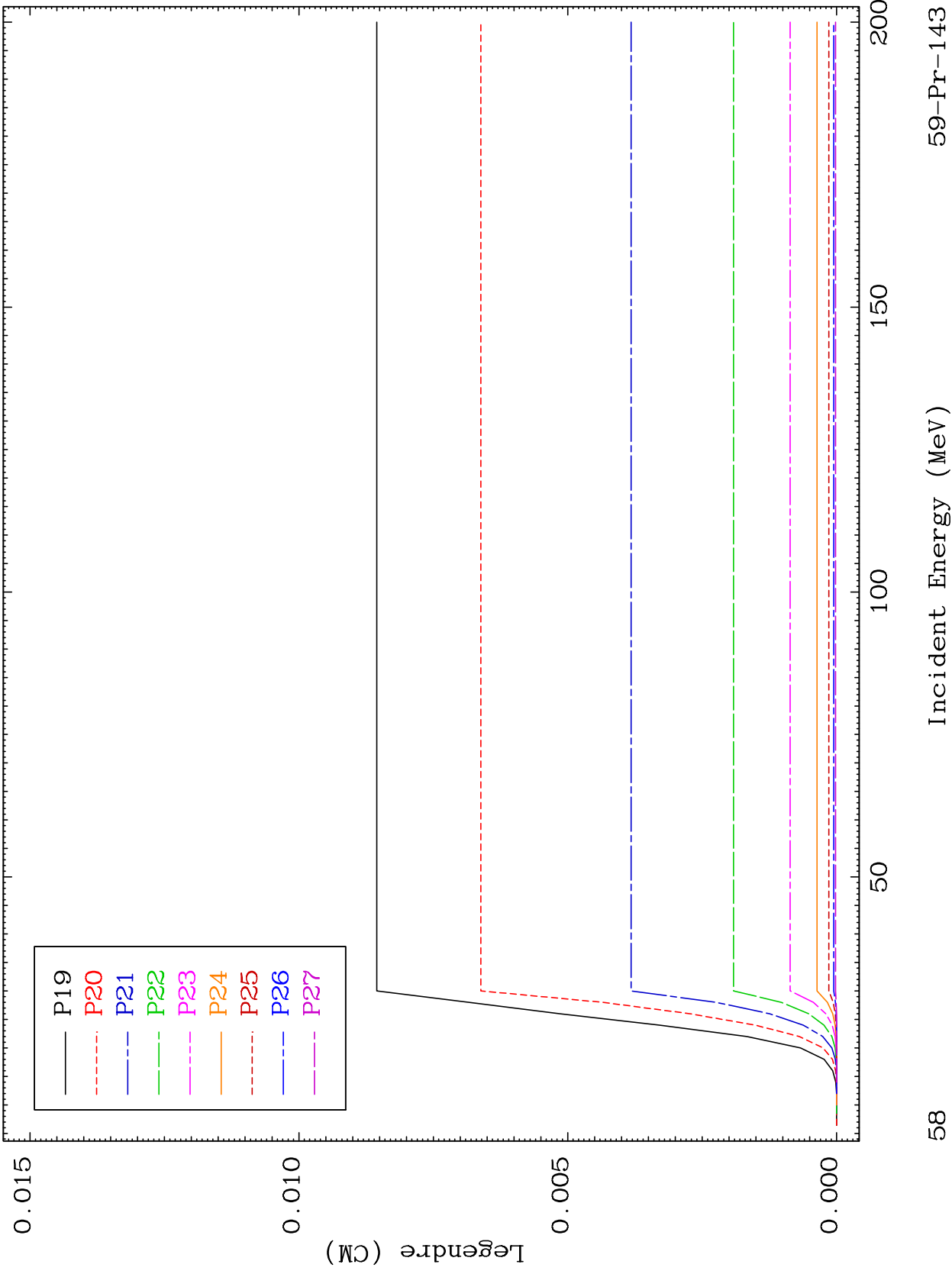
59-Pr-143



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Incident Energy (MeV)

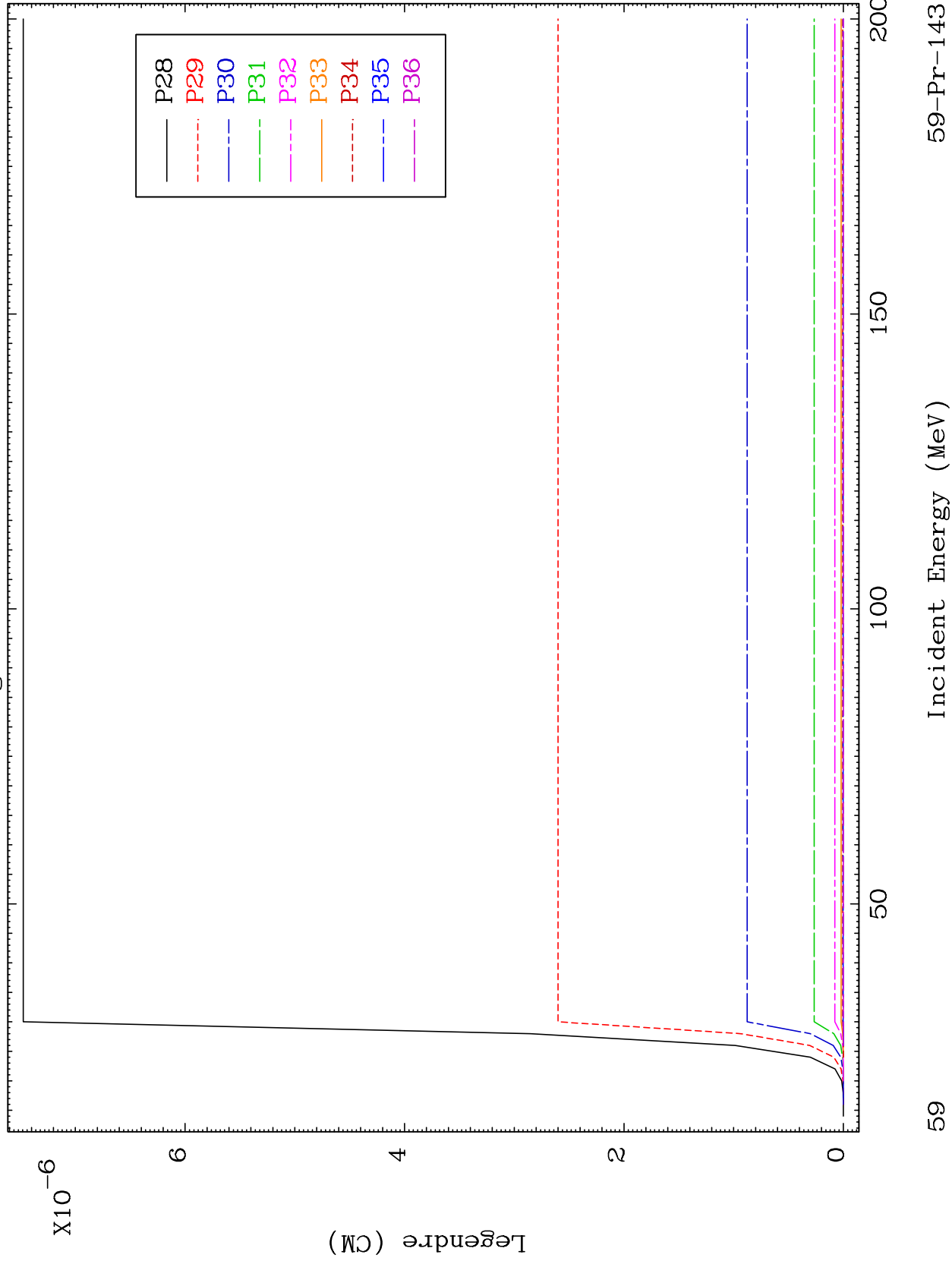
59-Pr-143



MAT 5931

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

59-Pr-143



59

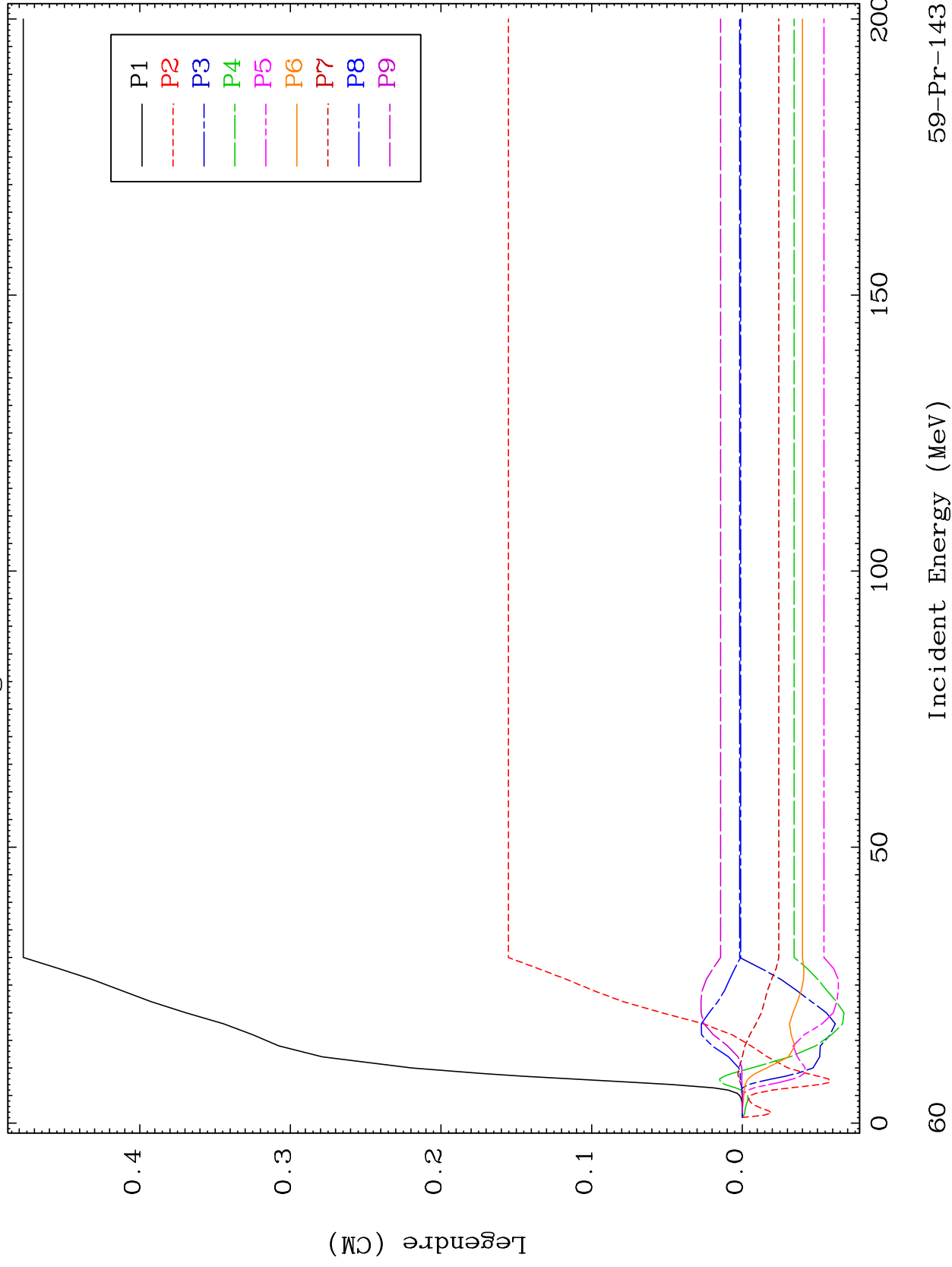
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143

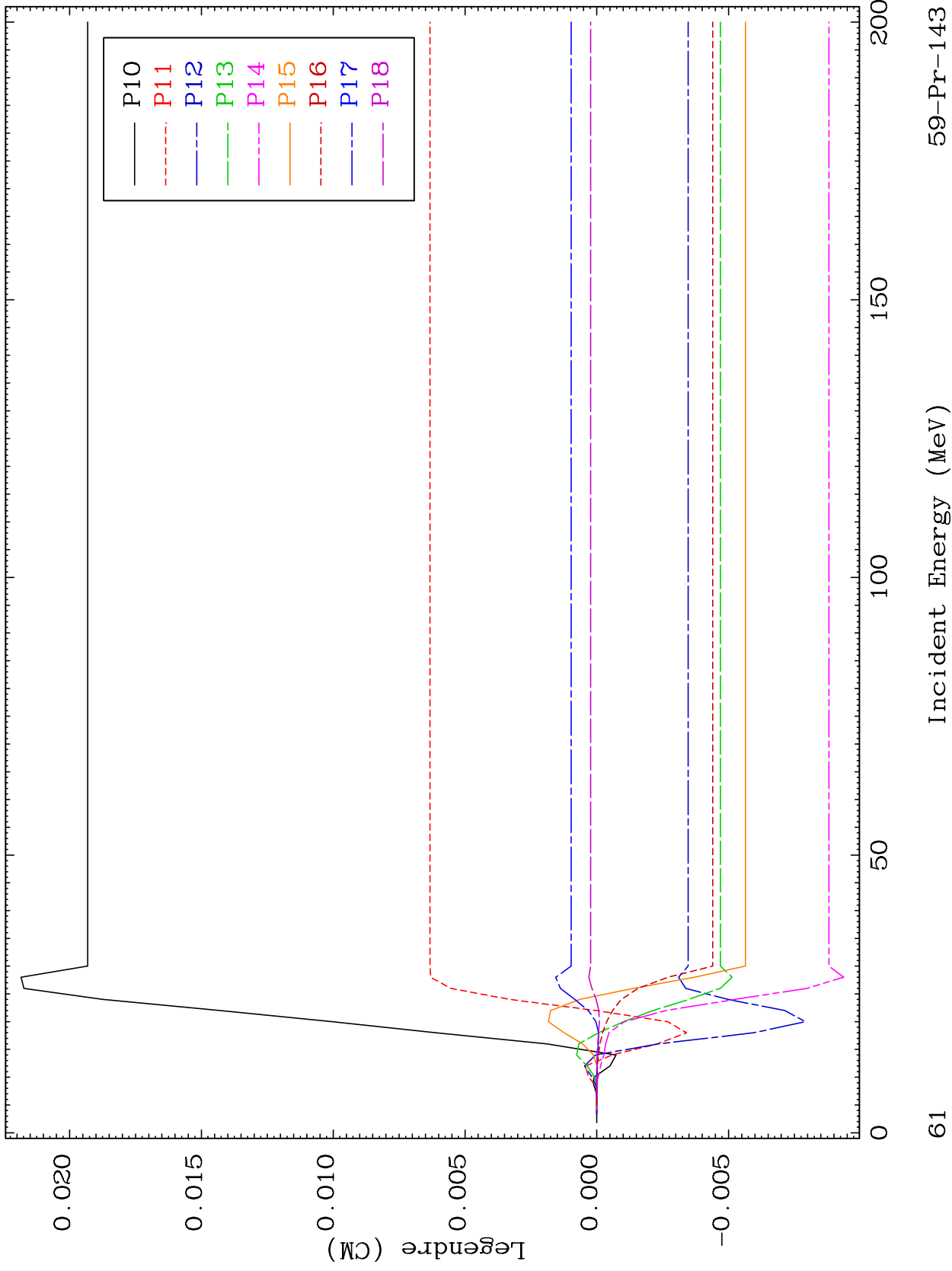


59-Pr-143

MAT 5931

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

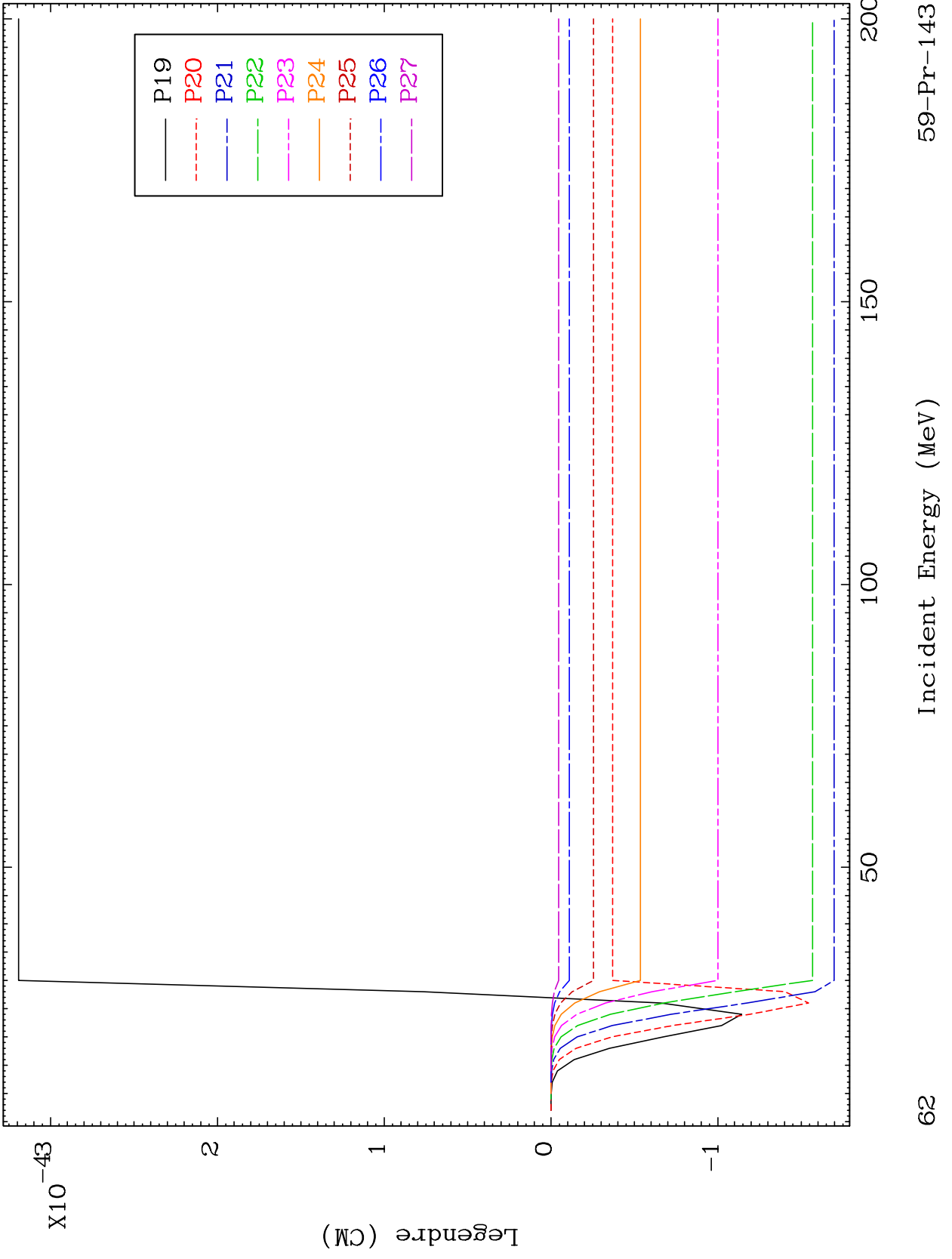
59-Pr-143



61

Incident Energy (MeV)

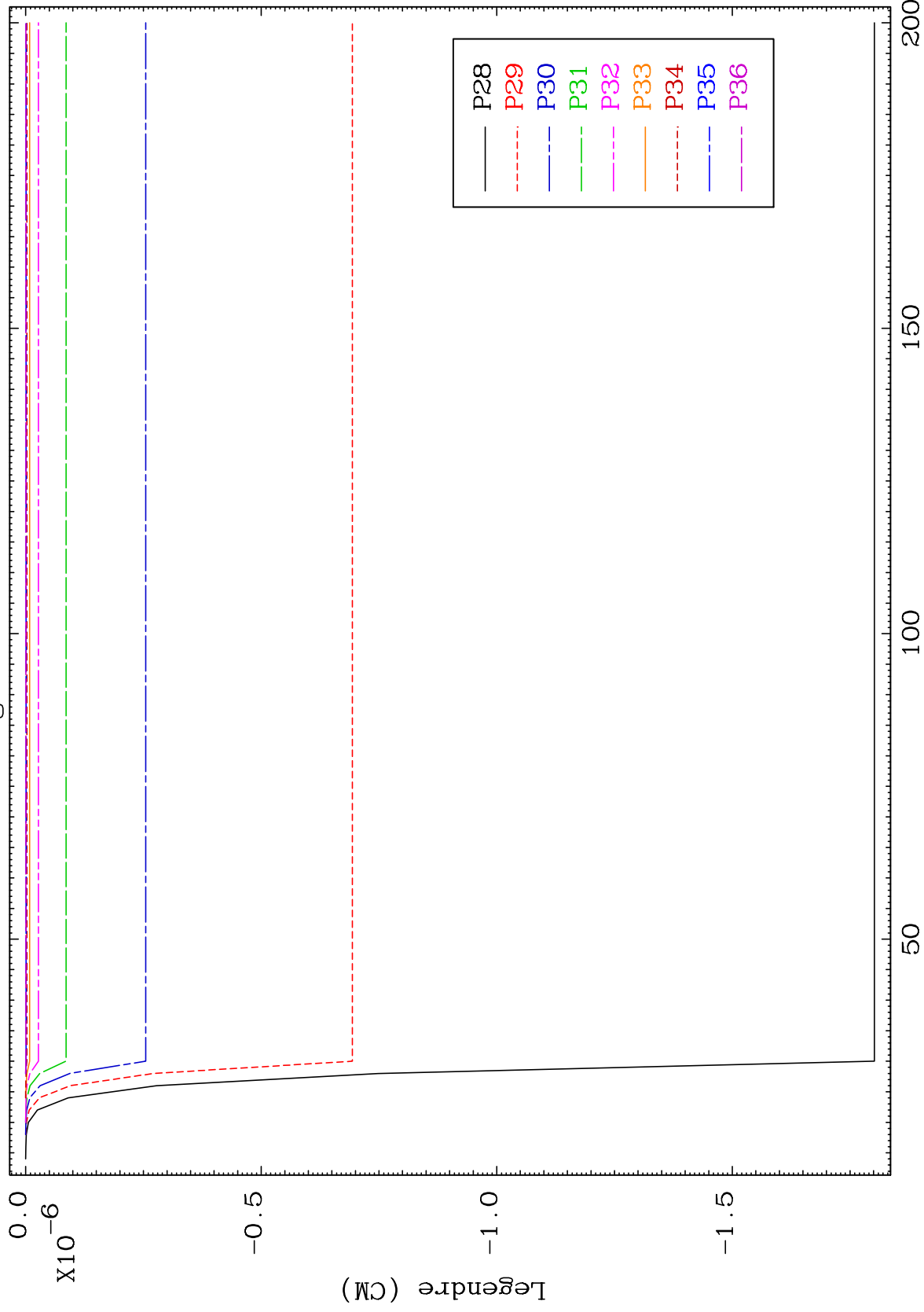
59-Pr-143



MAT 5931

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

59-Pr-143



63

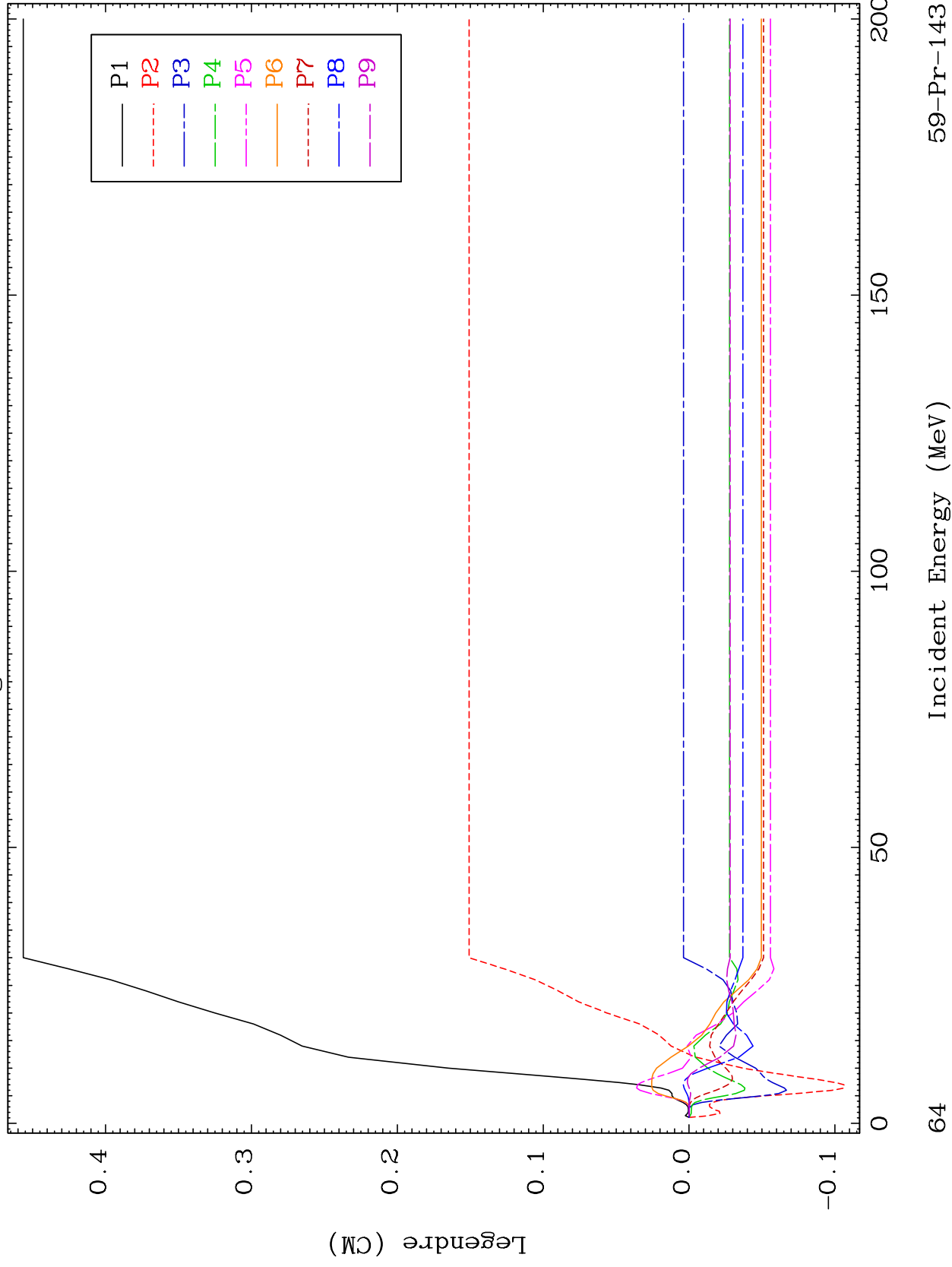
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

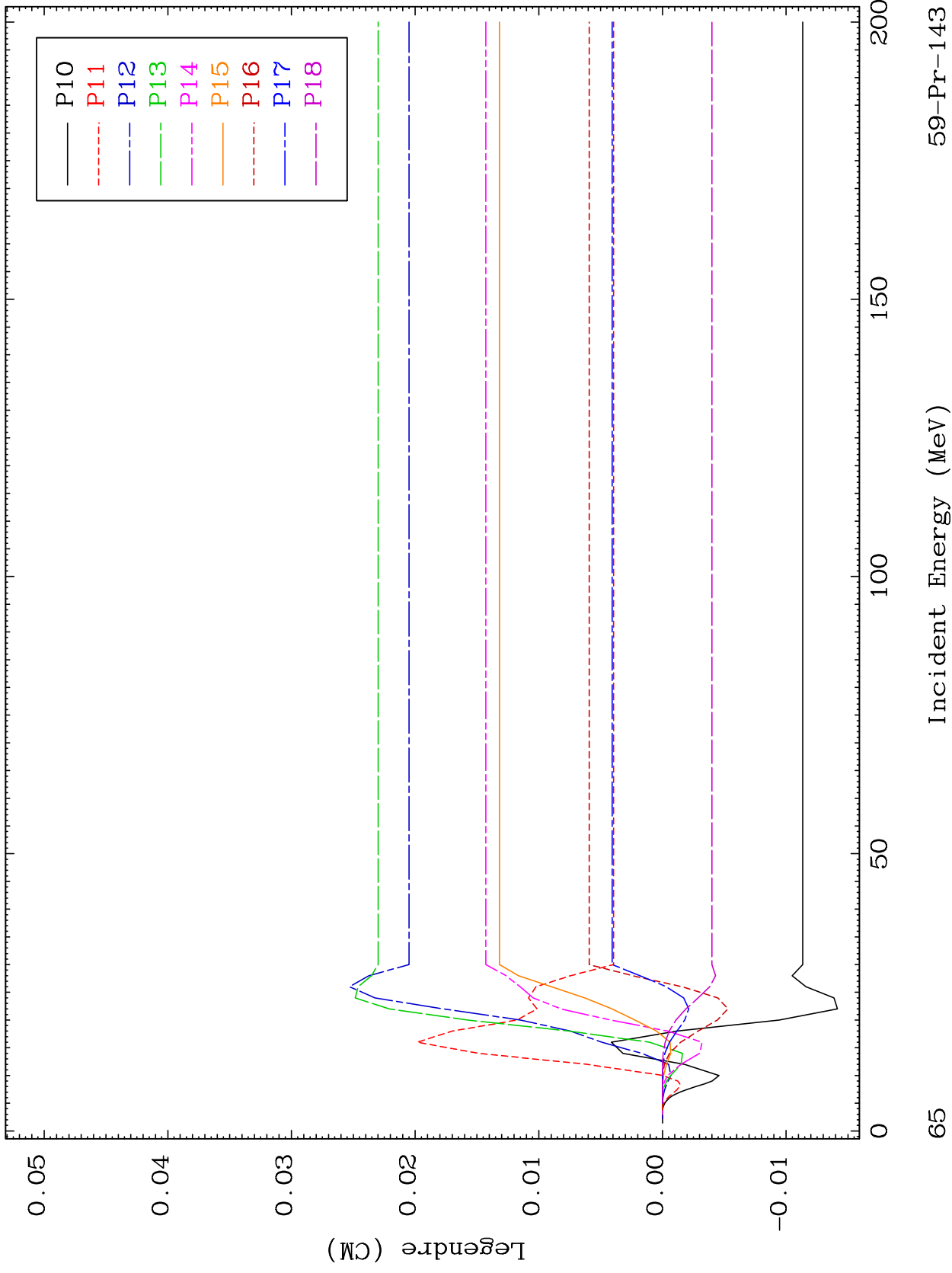
59-Pr-143



MAT 5931

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

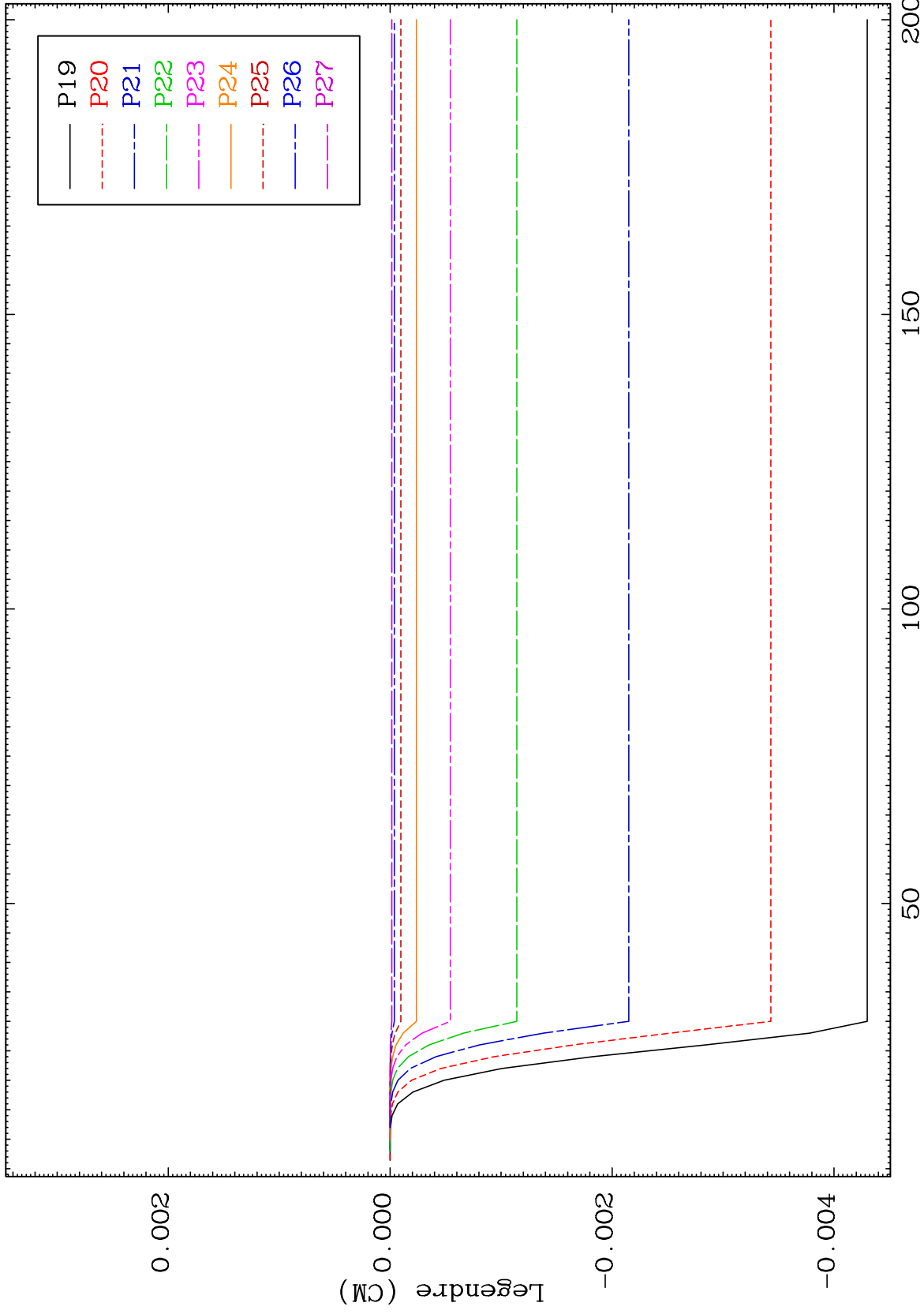
59-Pr-143



59-Pr-143

Incident Energy (MeV)

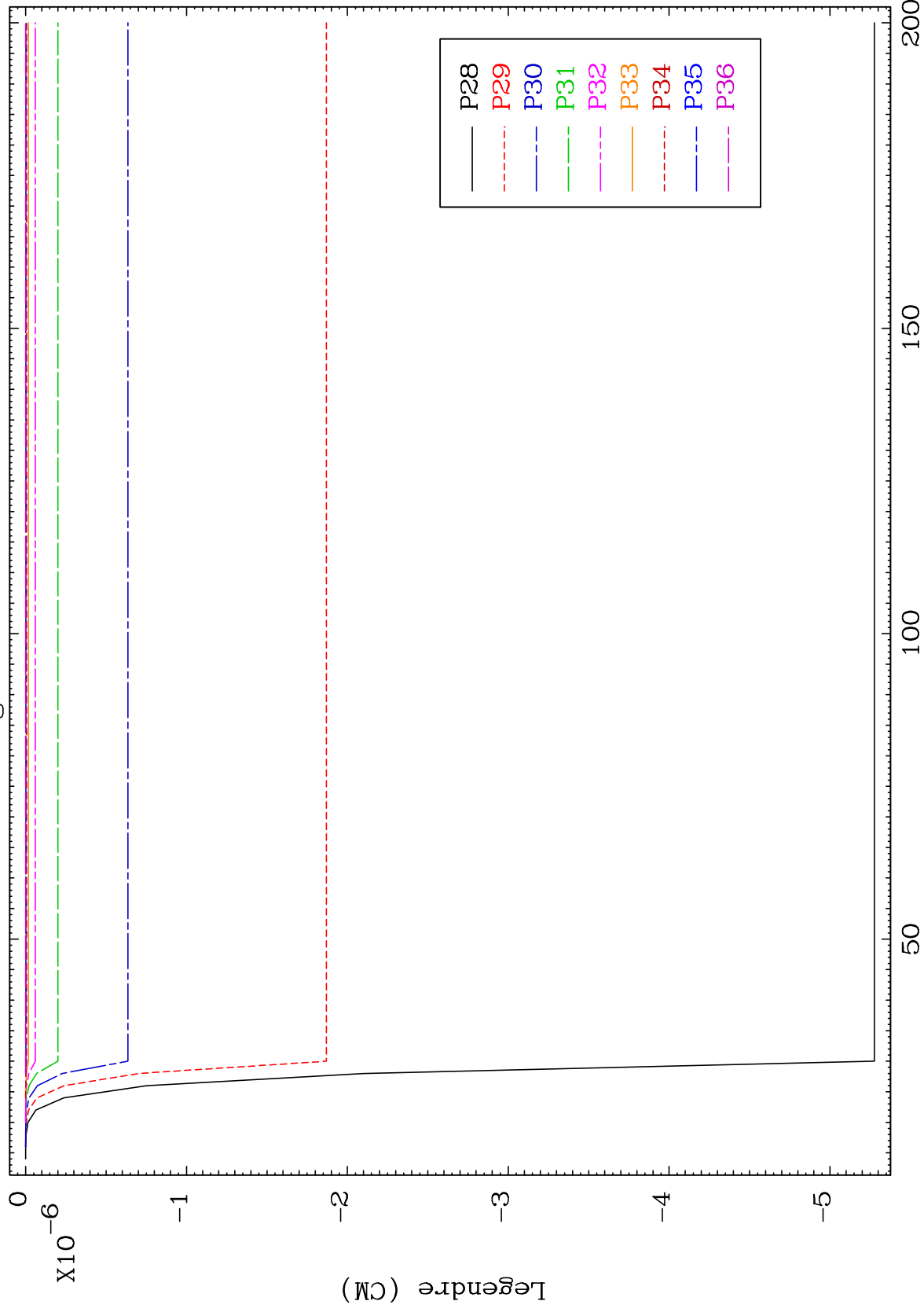
65



MAT 5931

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

59-Pr-143



67

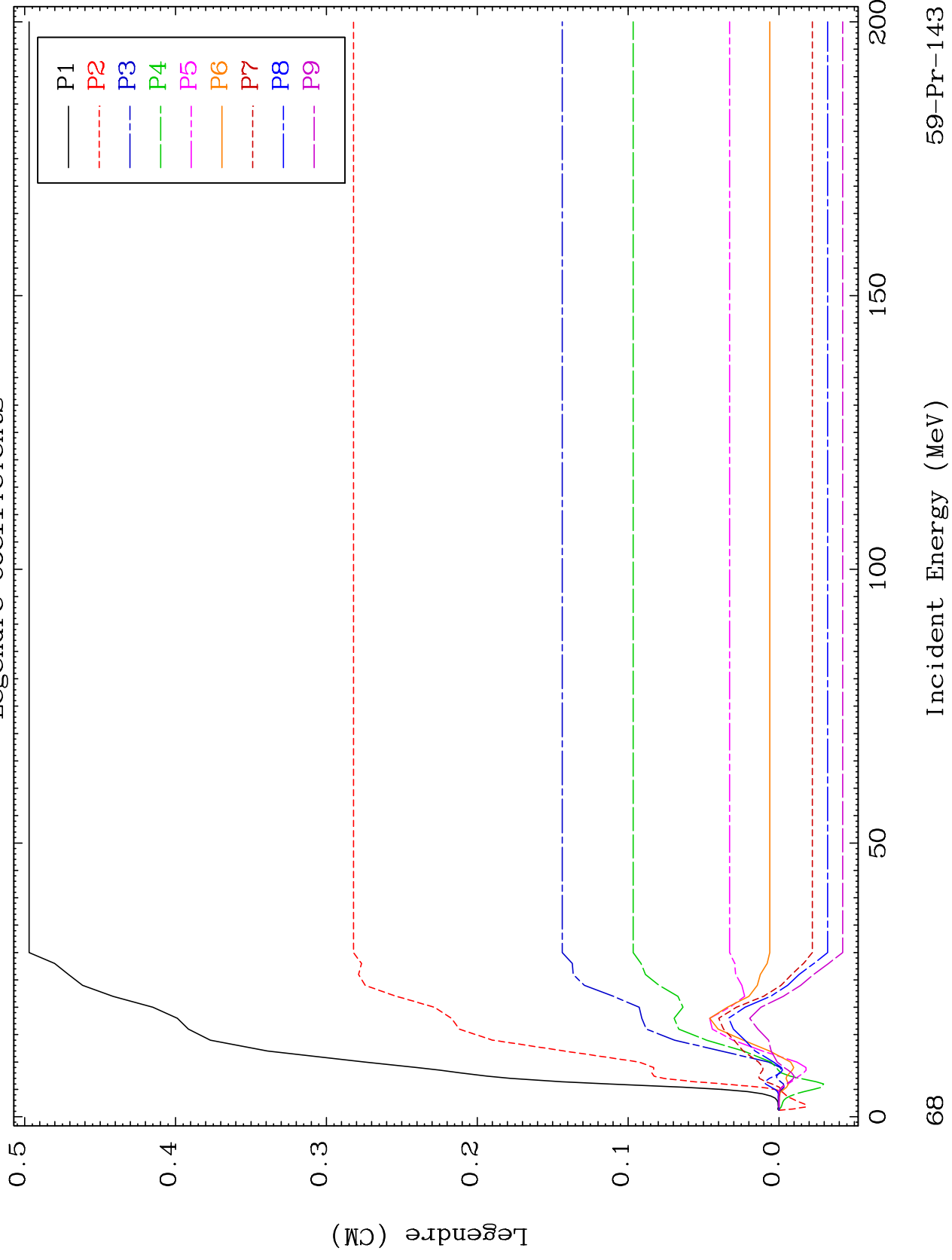
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

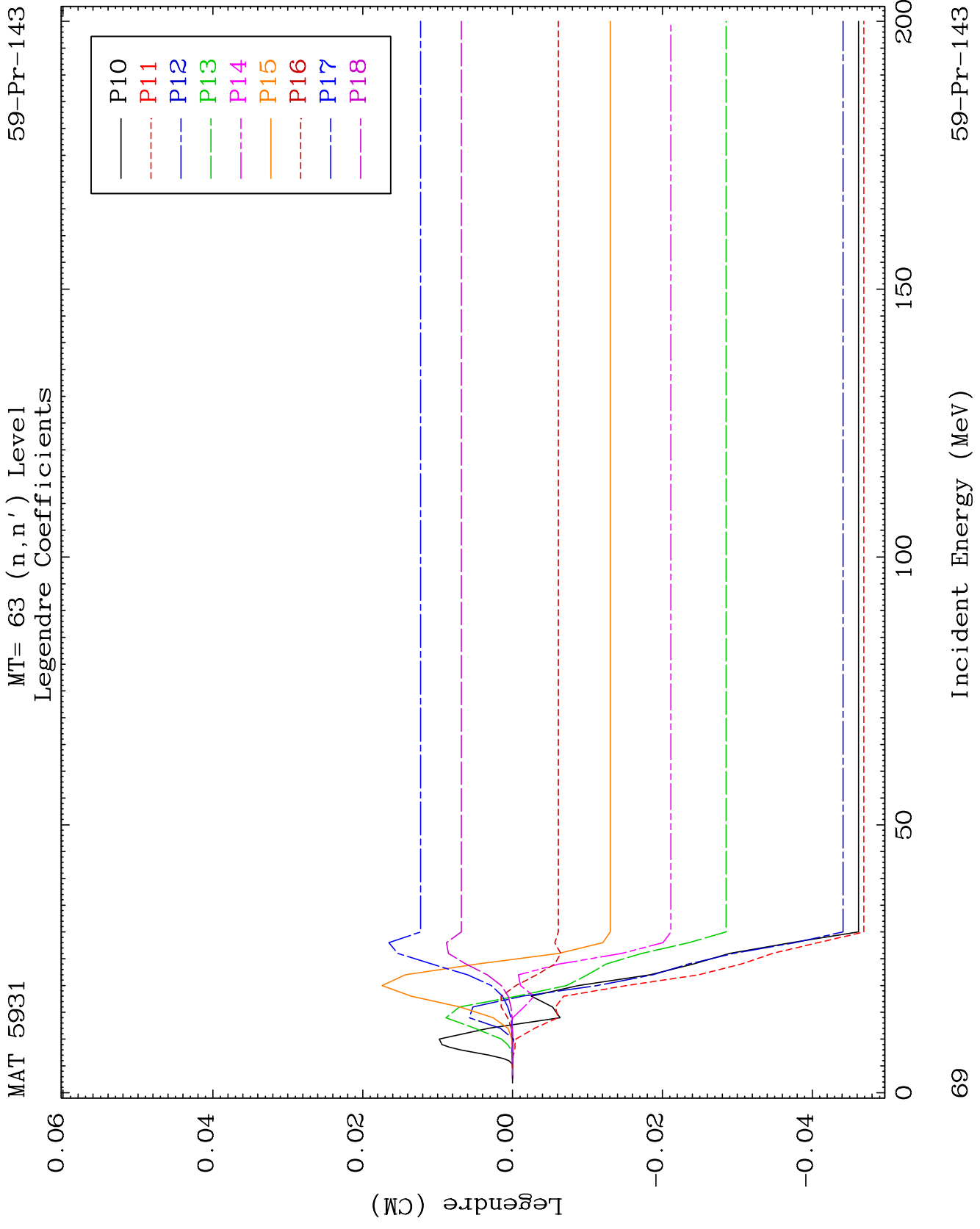
59-Pr-143



59-Pr-143

Incident Energy (MeV)

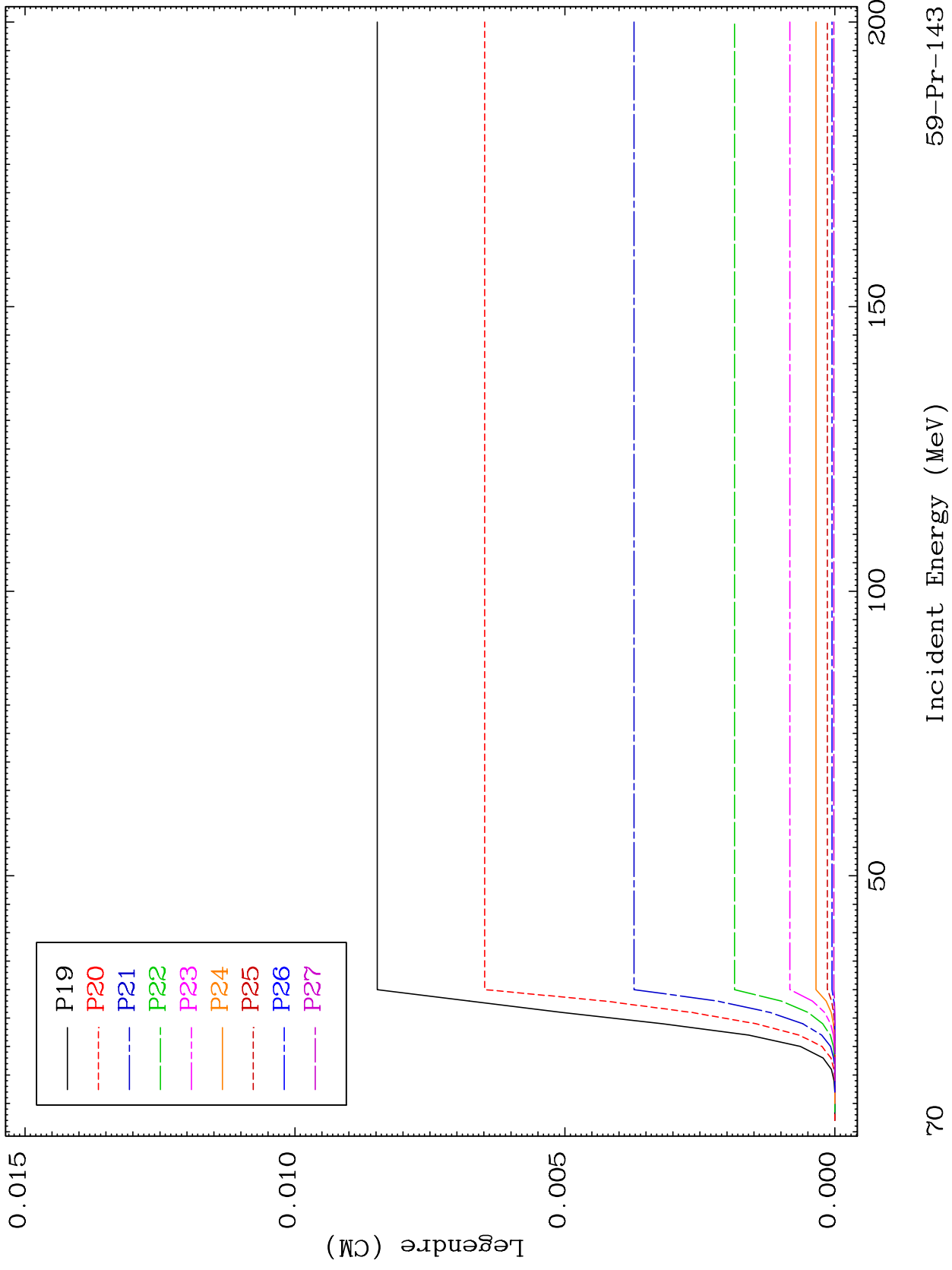
68



MAT 5931

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

59-Pr-143



59-Pr-143

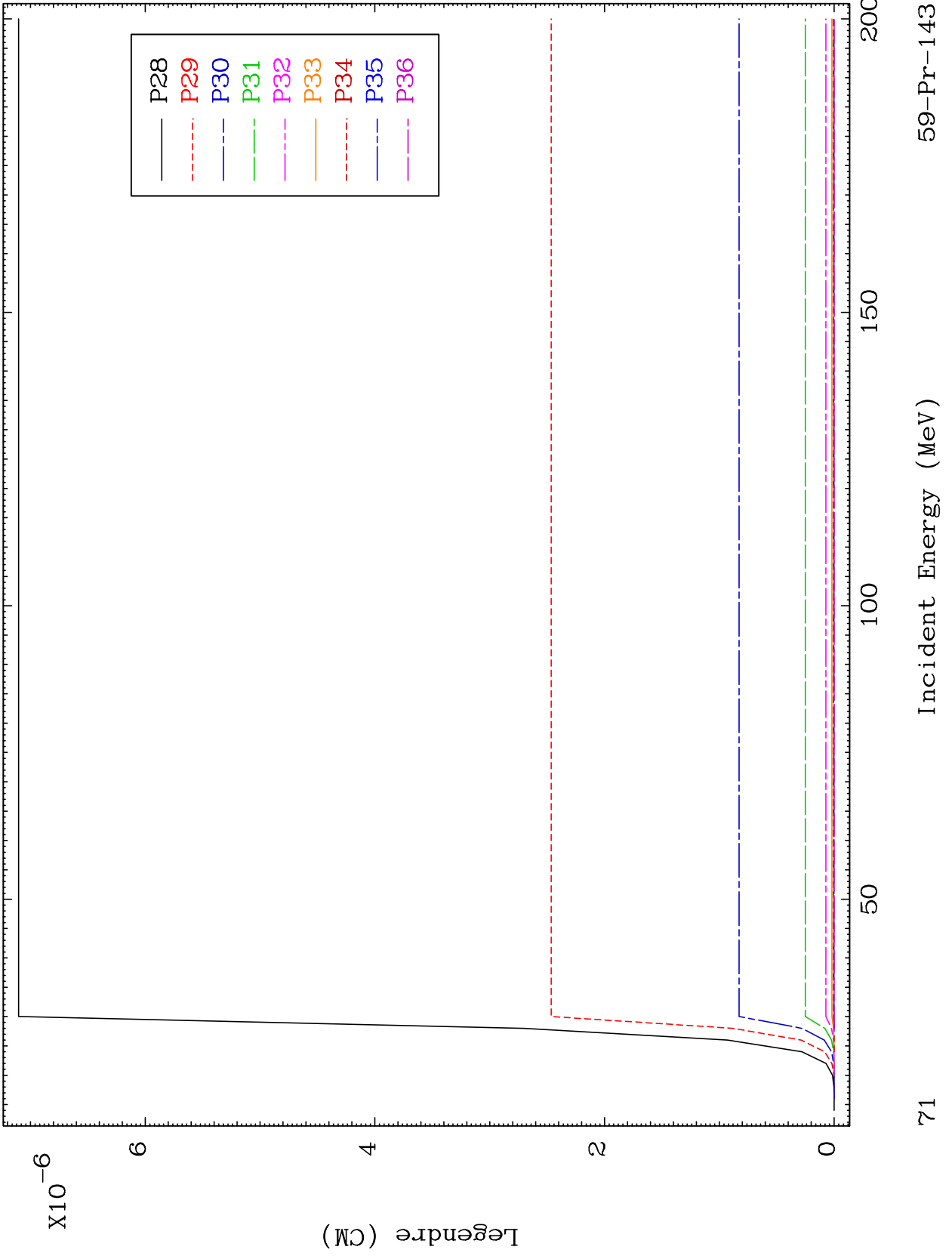
Incident Energy (MeV)

70

MAT 5931

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

59-Pr-143



71

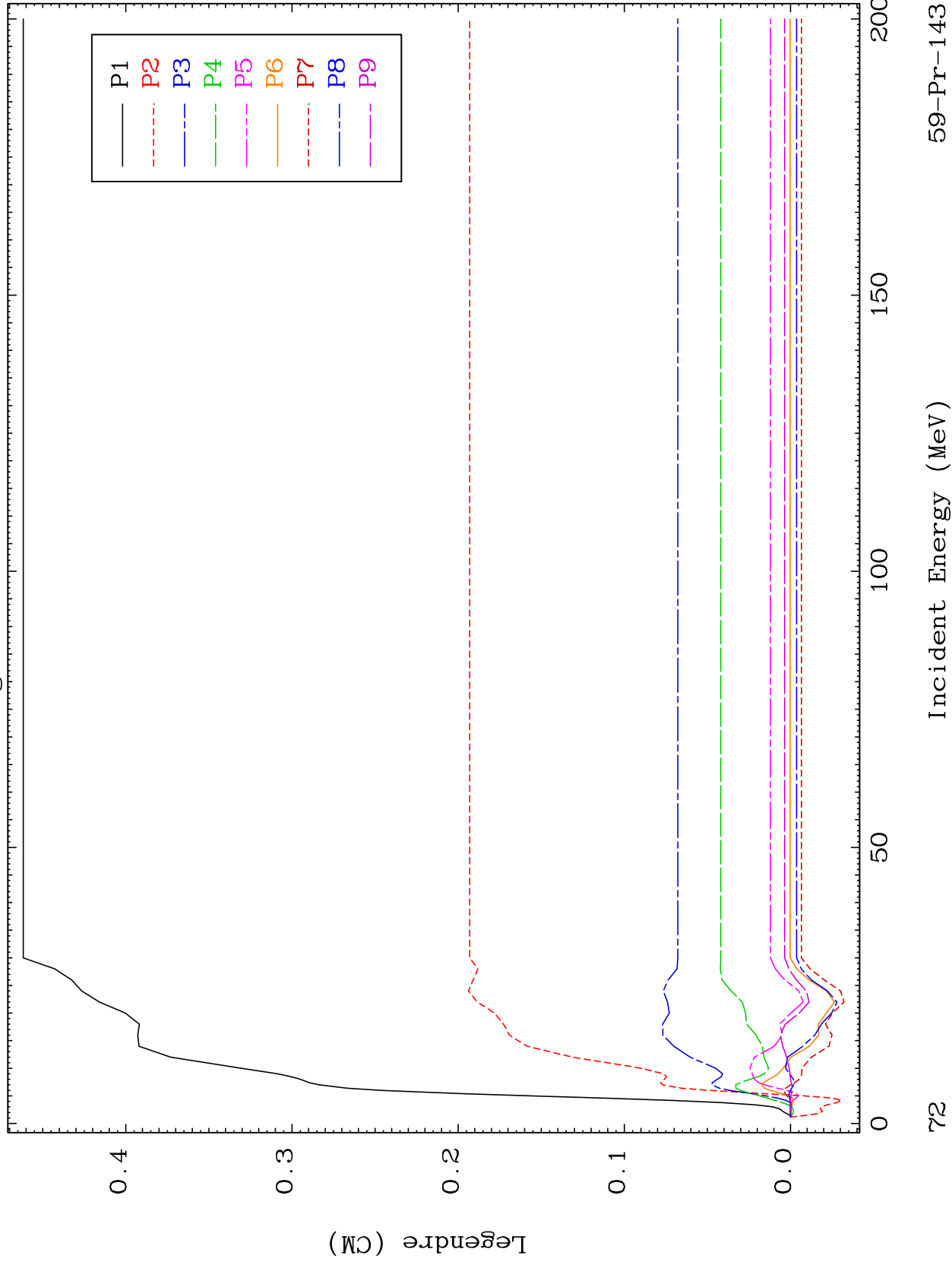
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



59-Pr-143

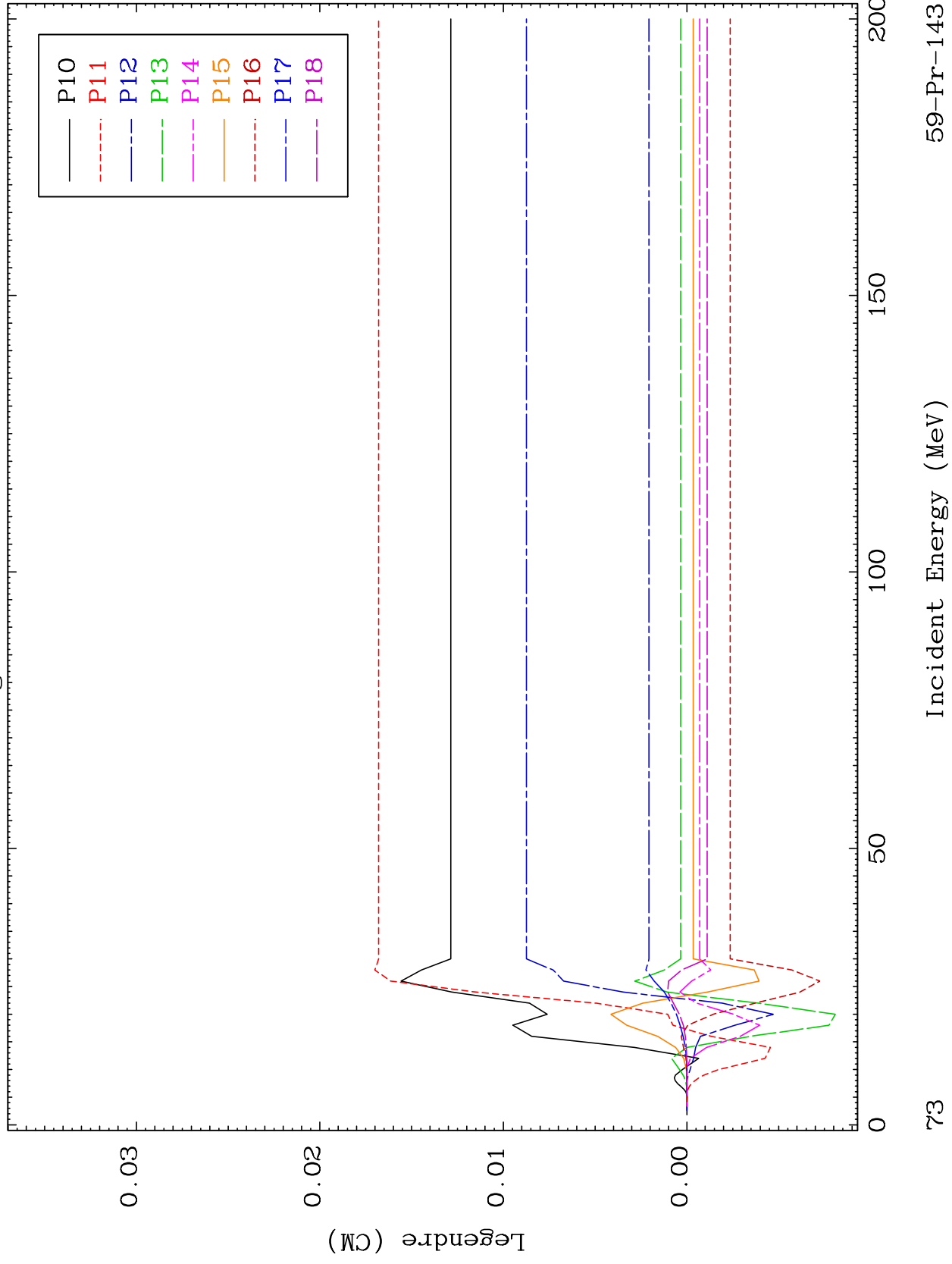
Incident Energy (MeV)

72

MAT 5931

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

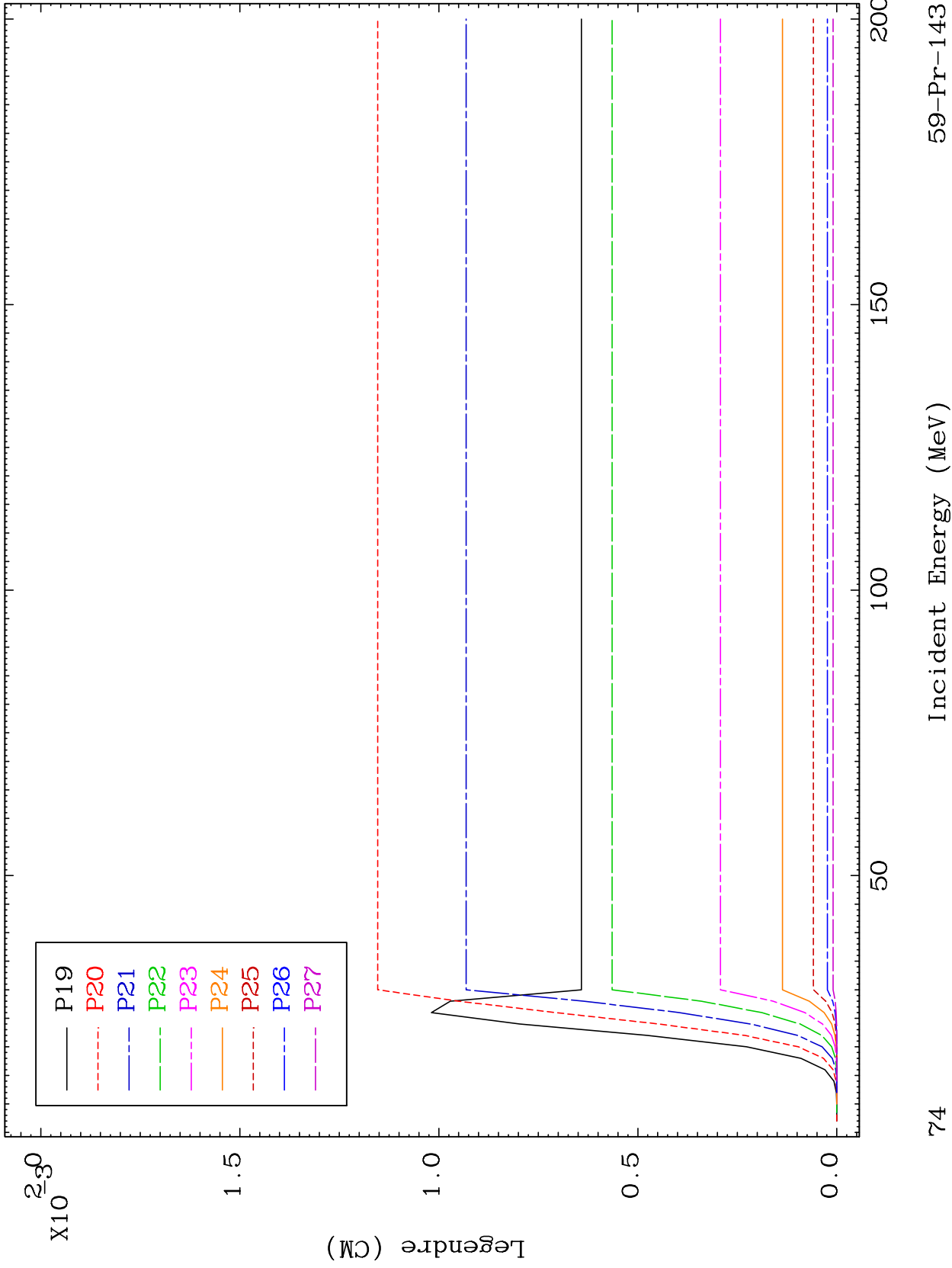
59-Pr-143



59-Pr-143

Incident Energy (MeV)

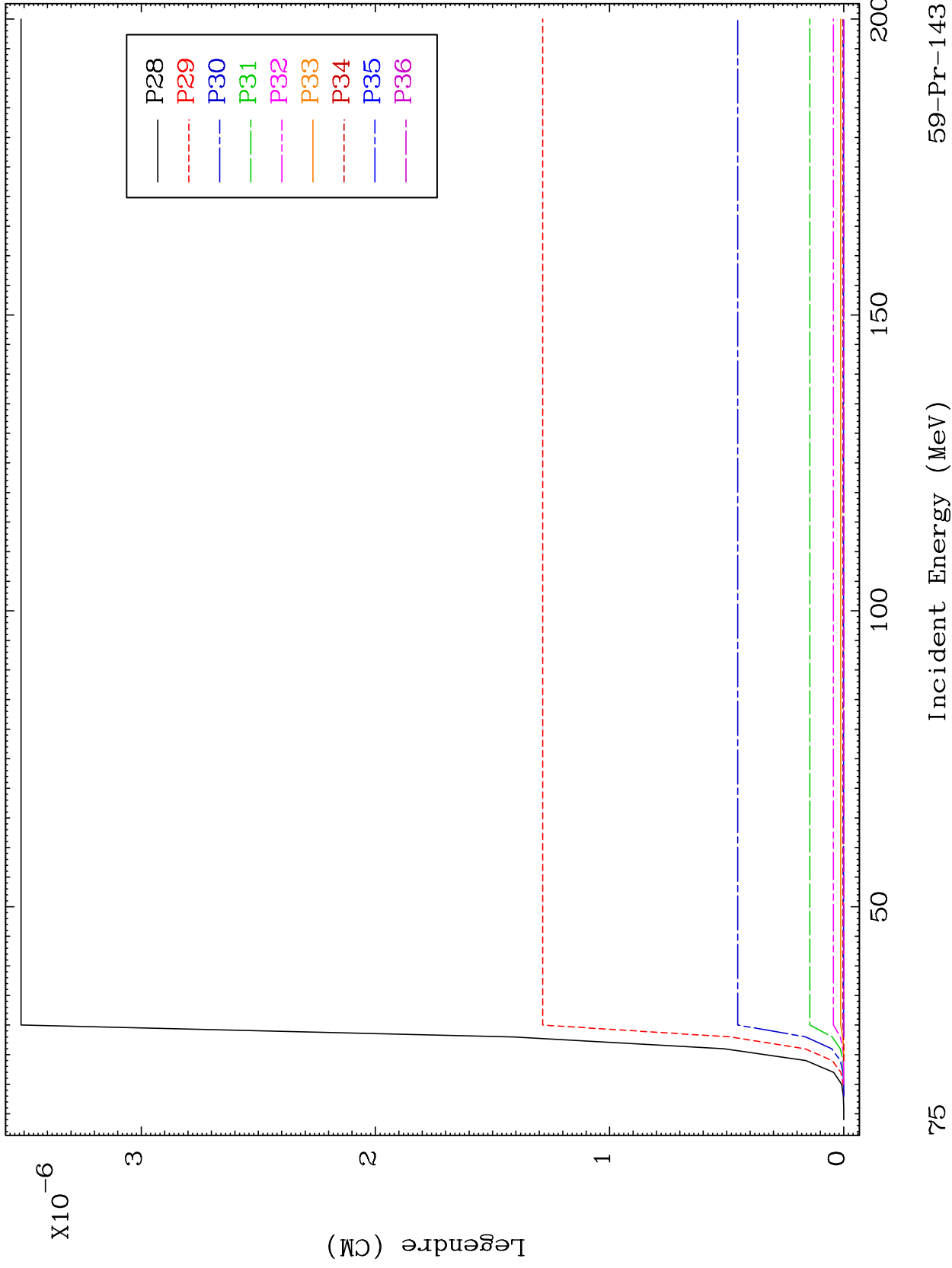
73



MAT 5931

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

59-Pr-143



75

Incident Energy (MeV)

100

150

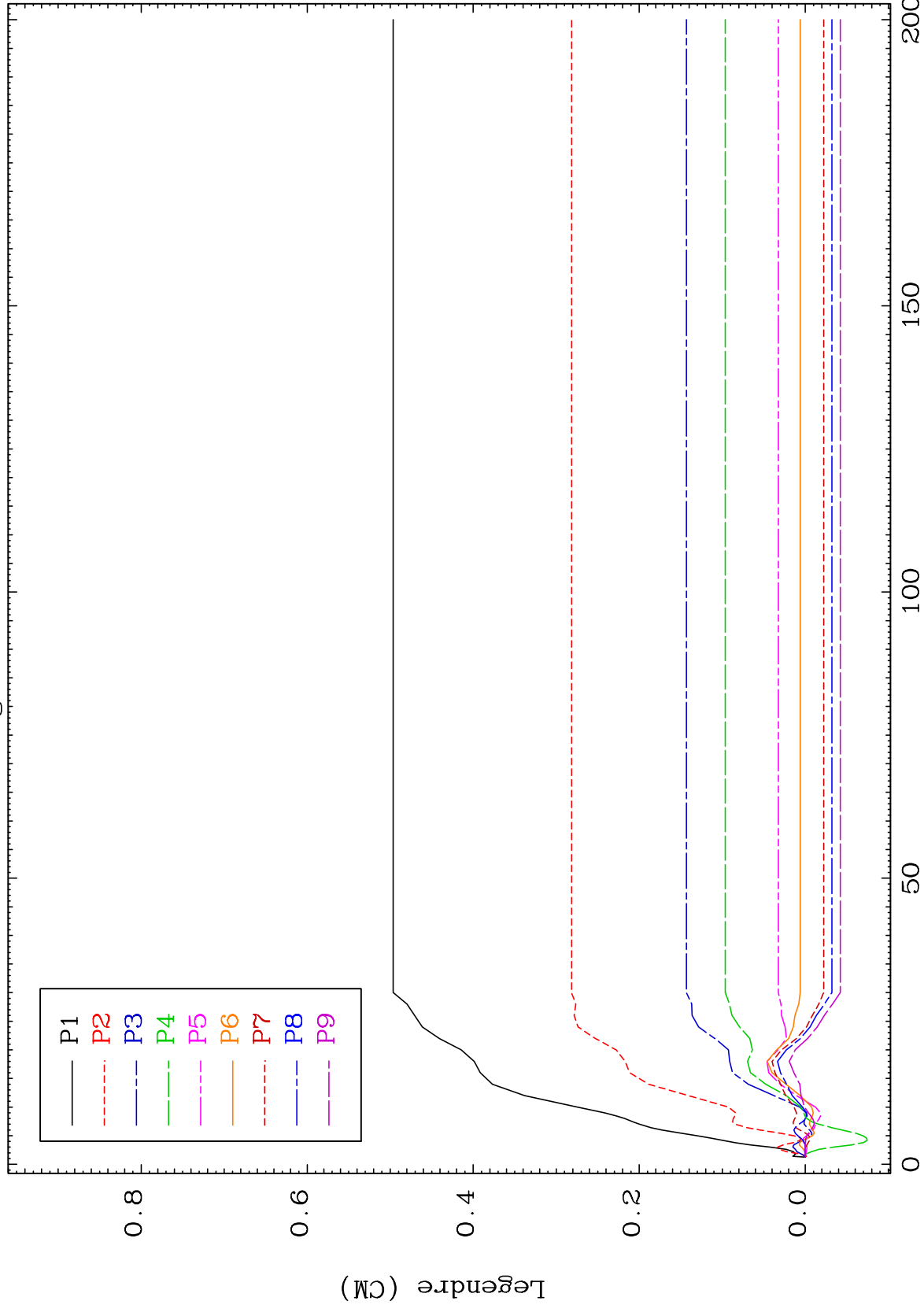
200

59-Pr-143

MAT 5931

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

59-Pr-143



76

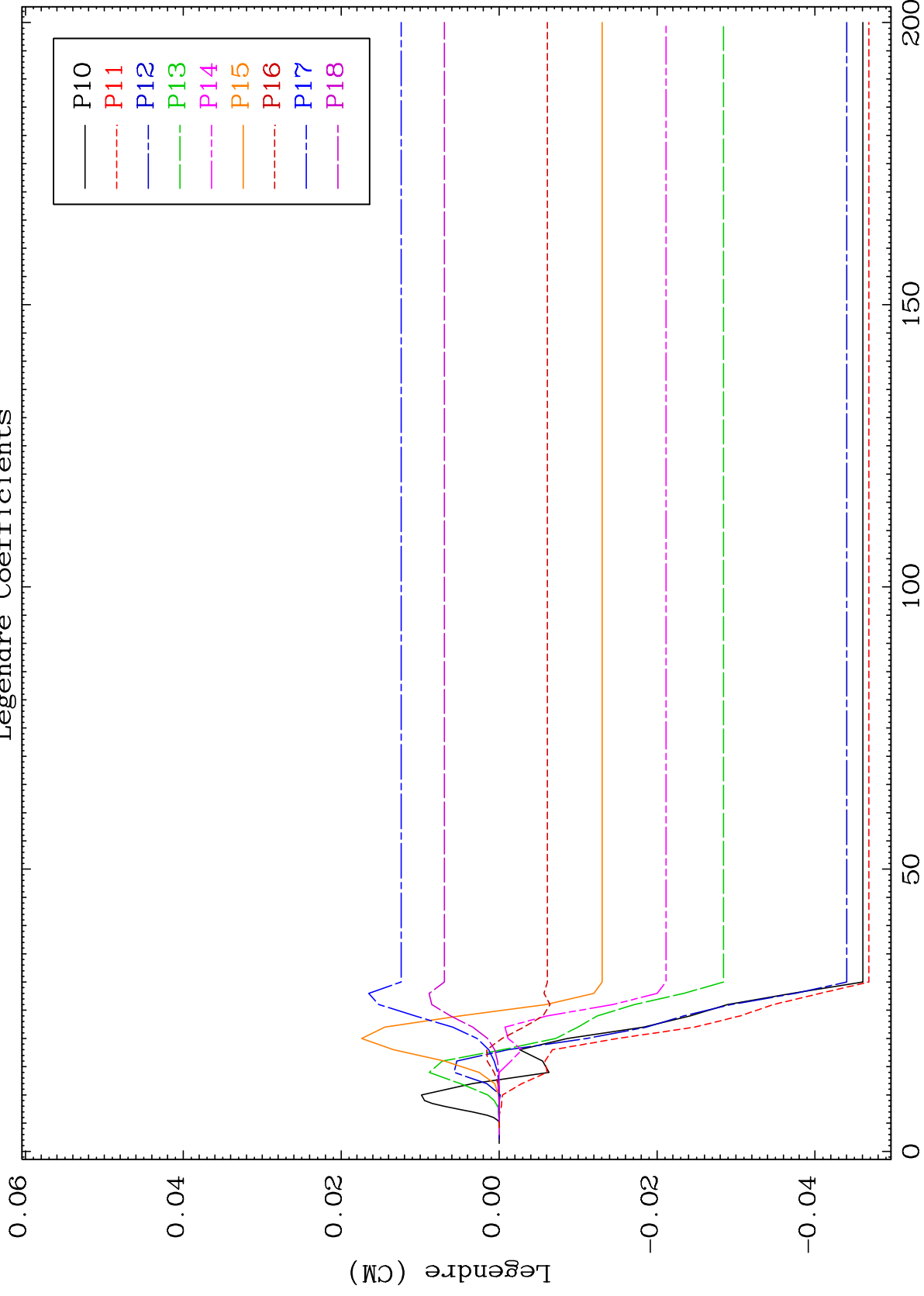
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



77

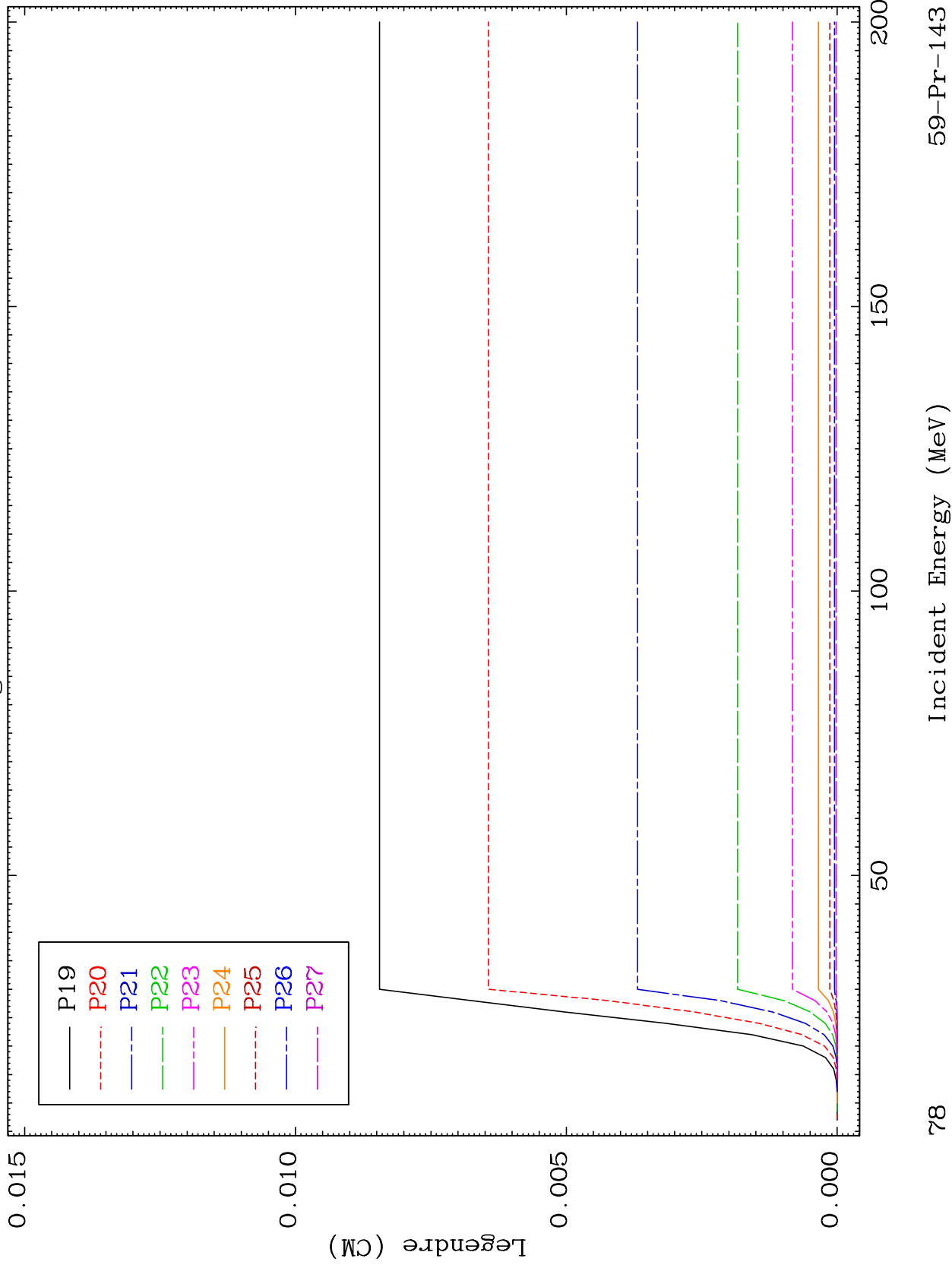
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



78

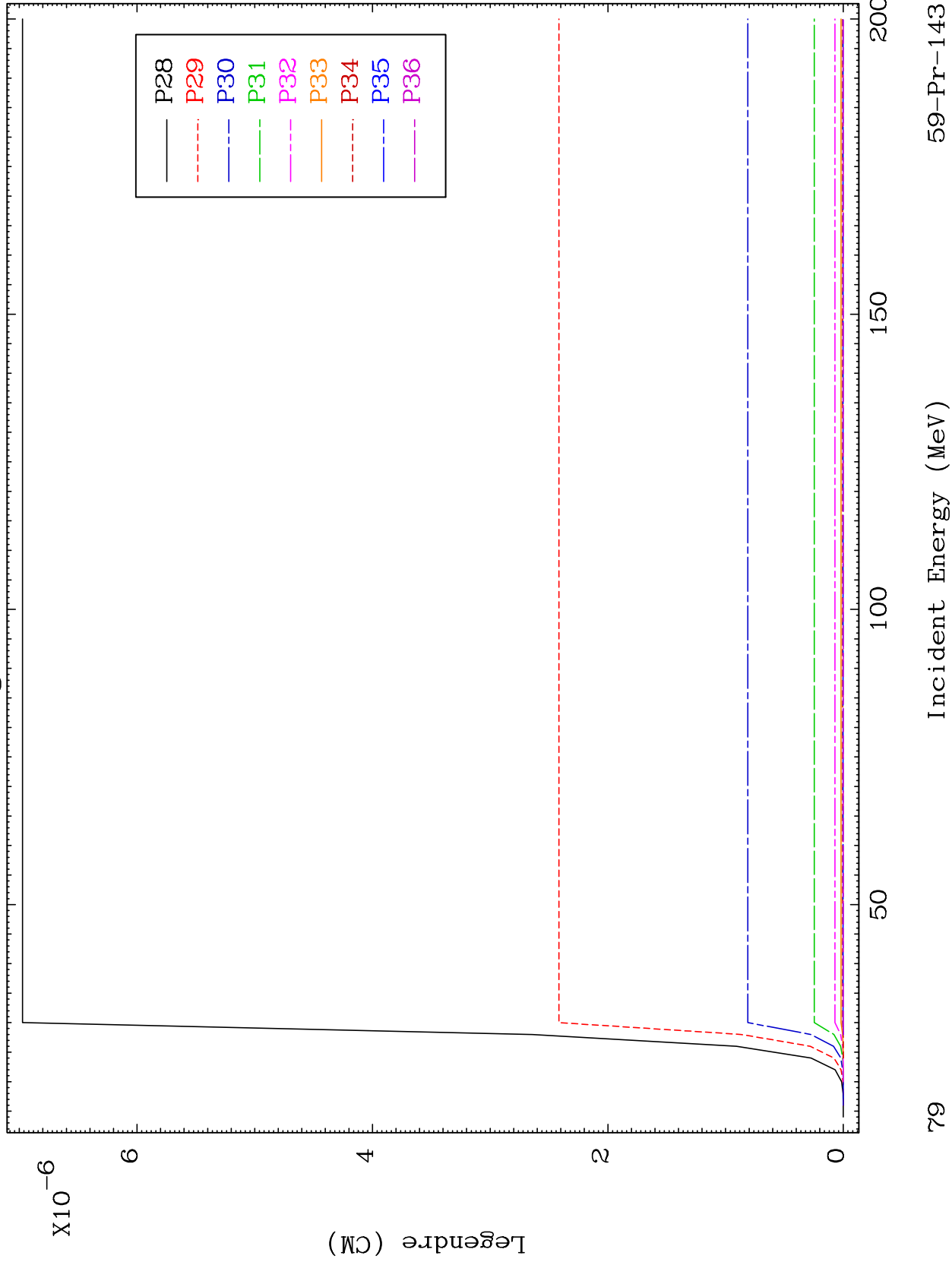
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

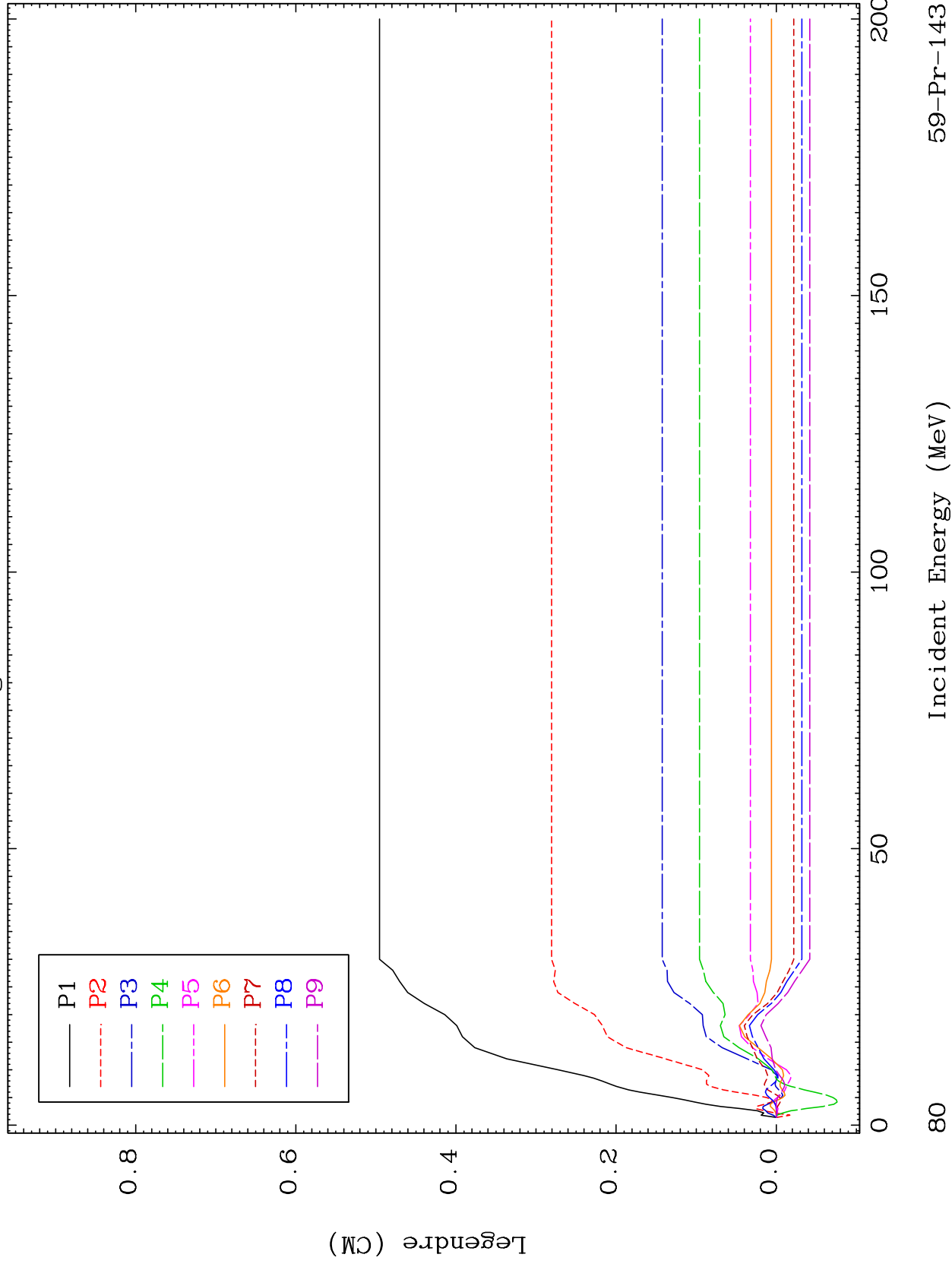
59-Pr-143



MAT 5931

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

59-Pr-143



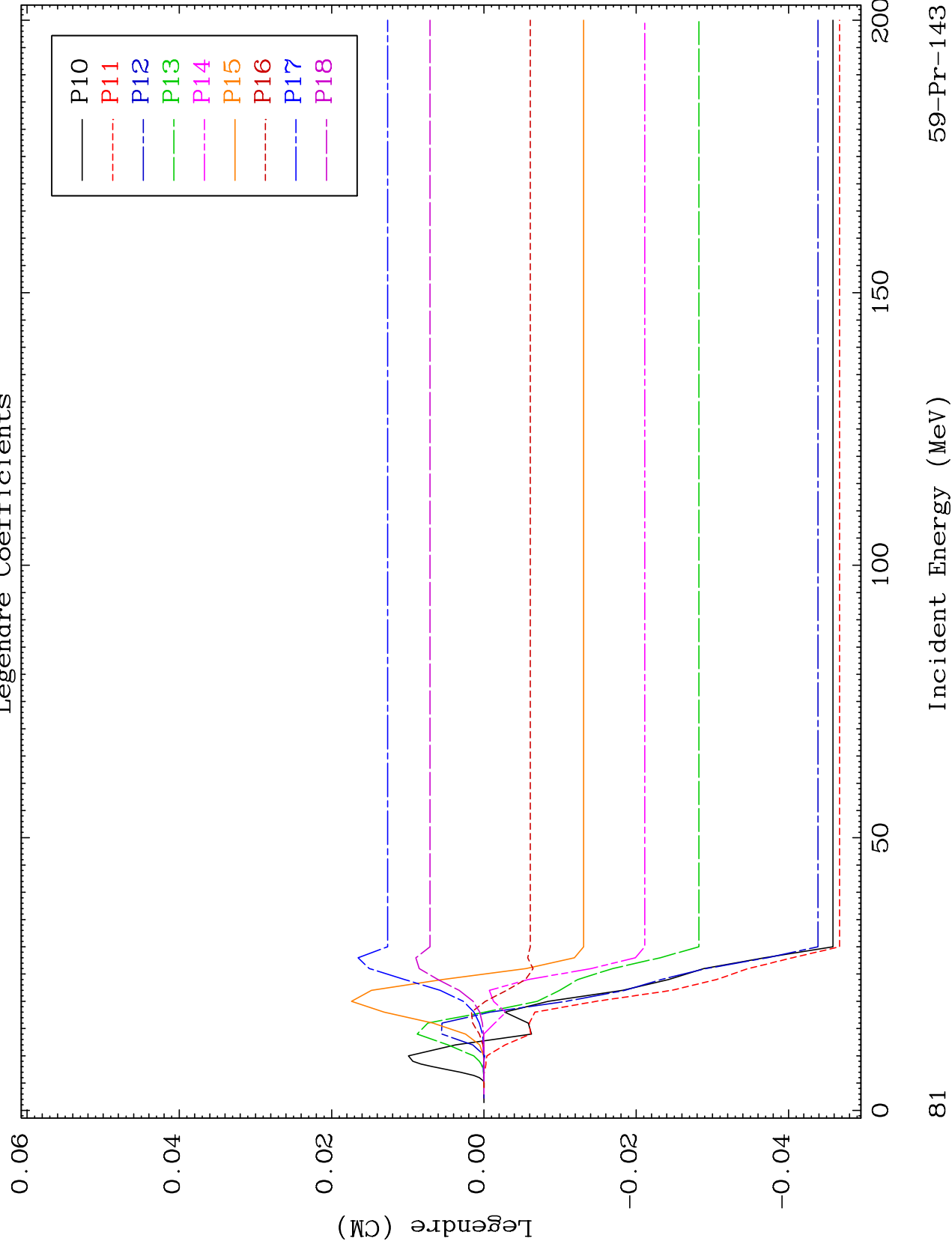
59-Pr-143

Incident Energy (MeV)

MAT 5931

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

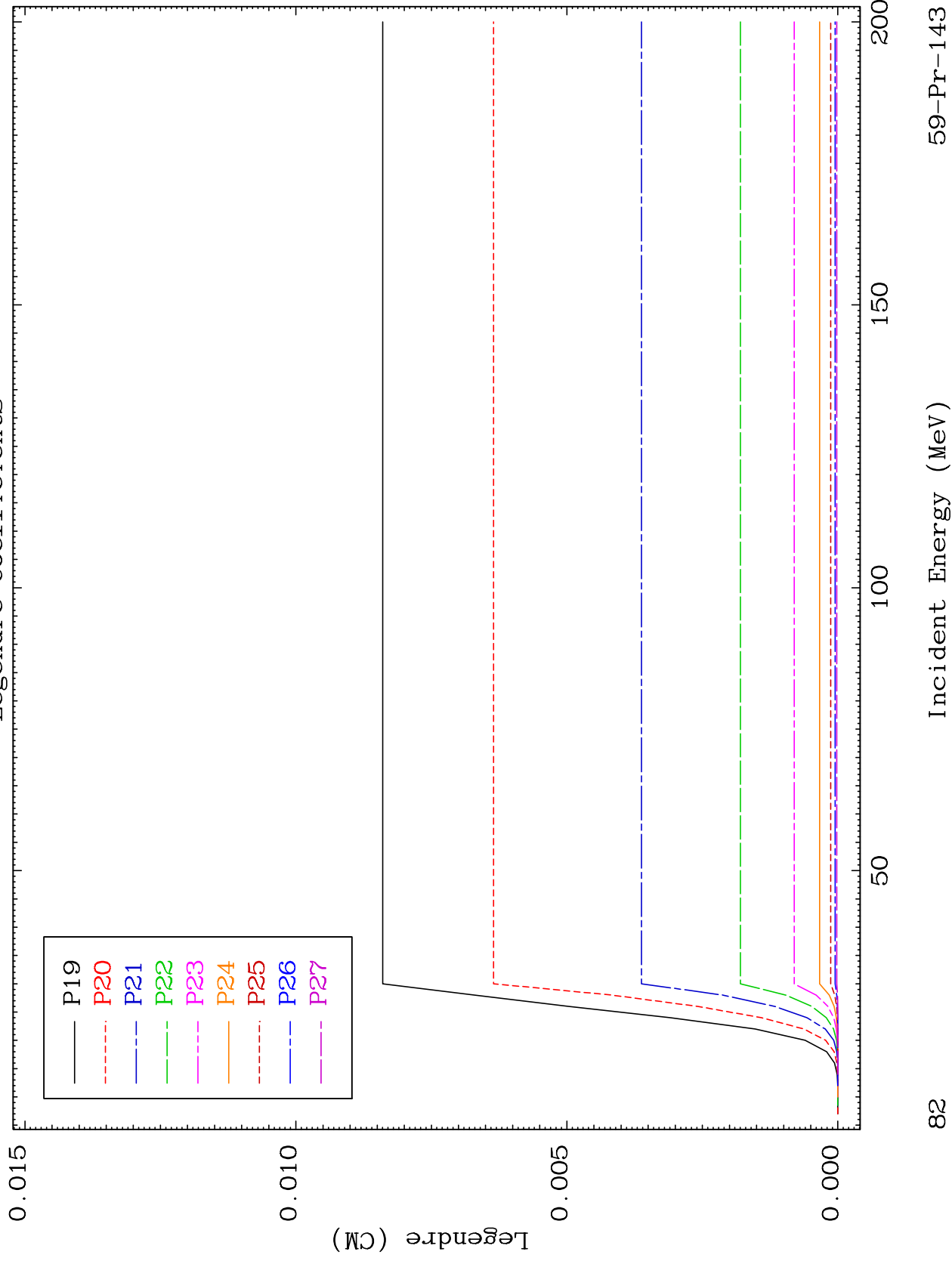
59-Pr-143

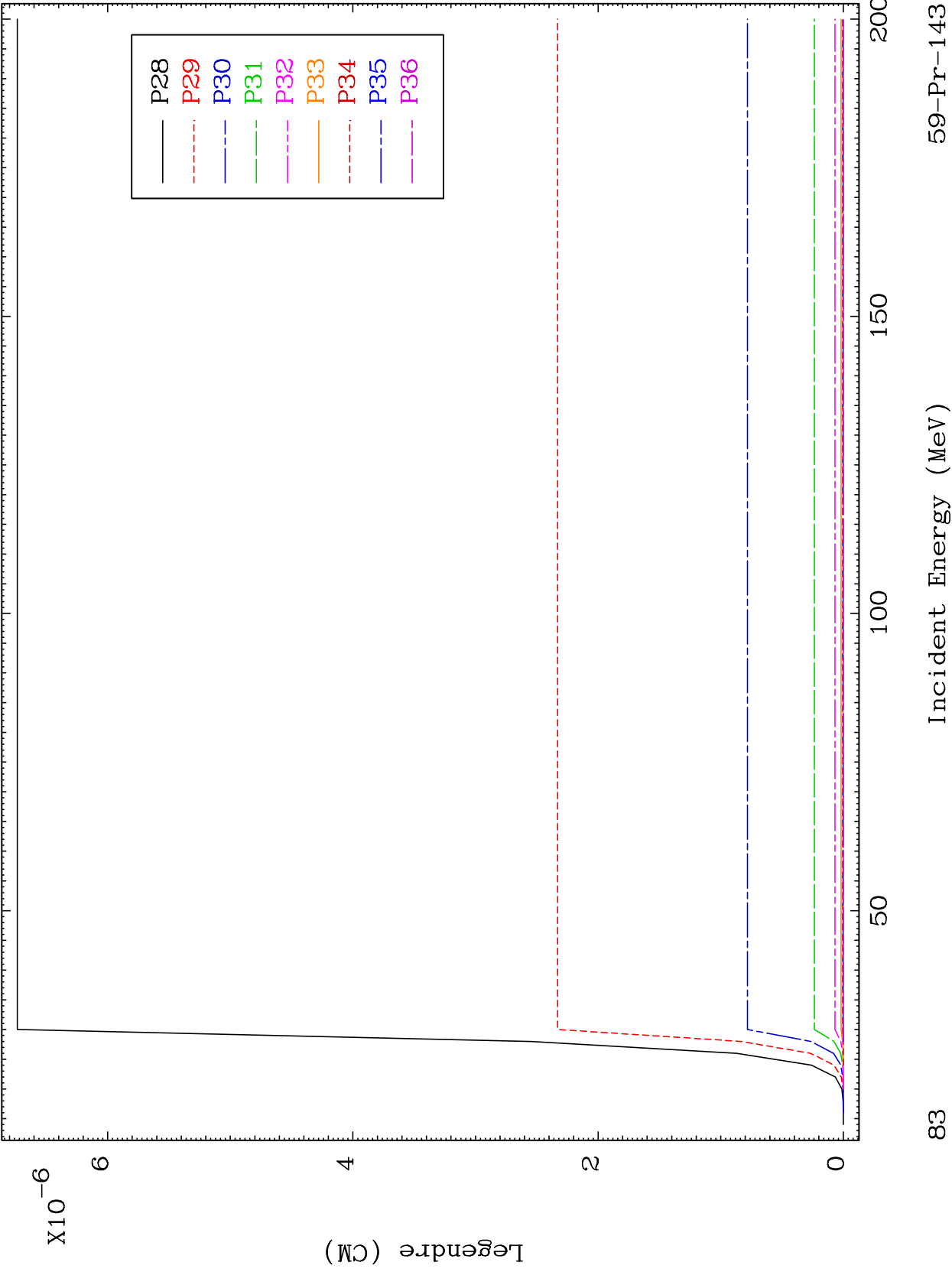


81

Incident Energy (MeV)

59-Pr-143

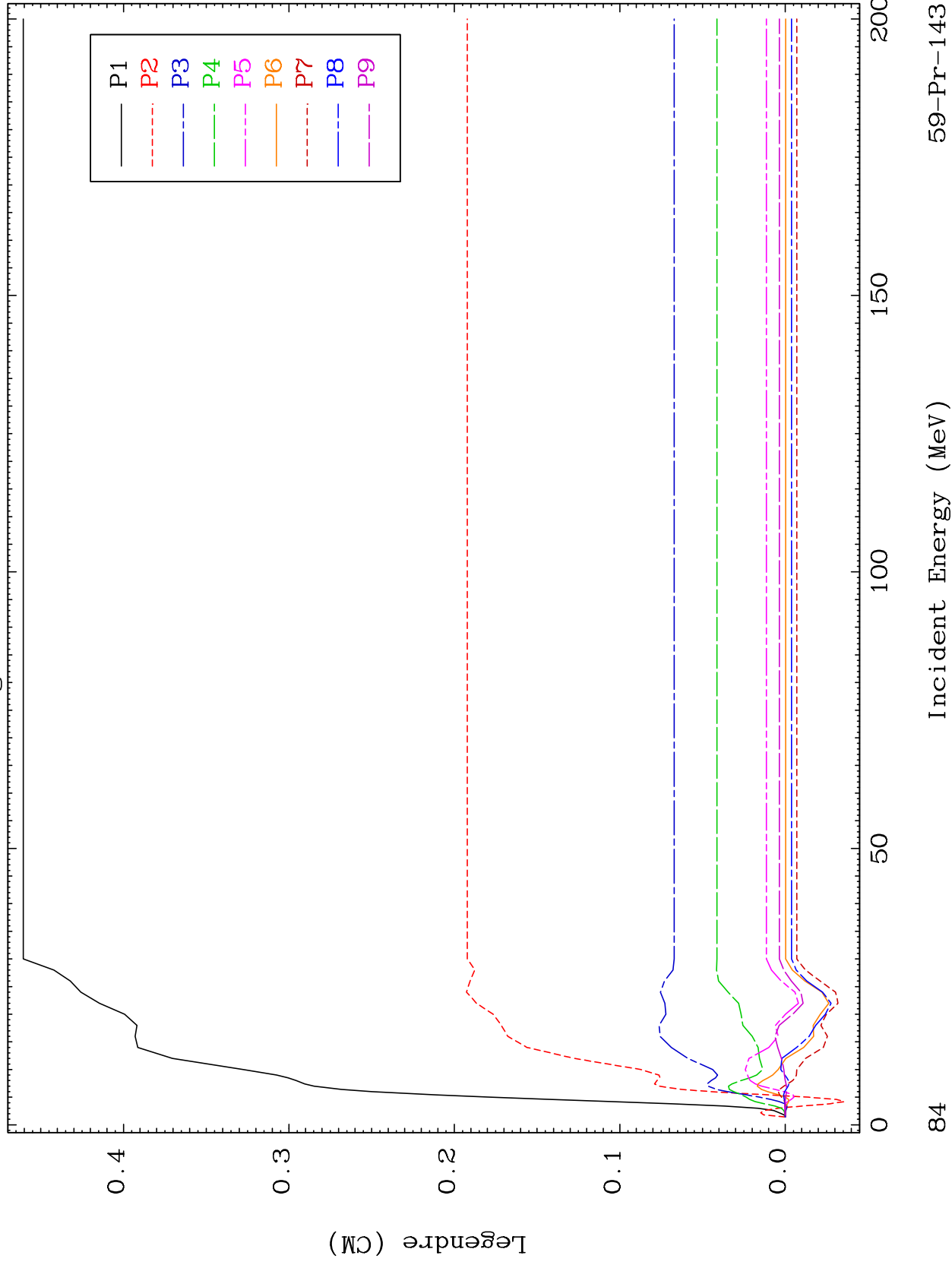




MAT 5931

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

59-Pr-143



59-Pr-143

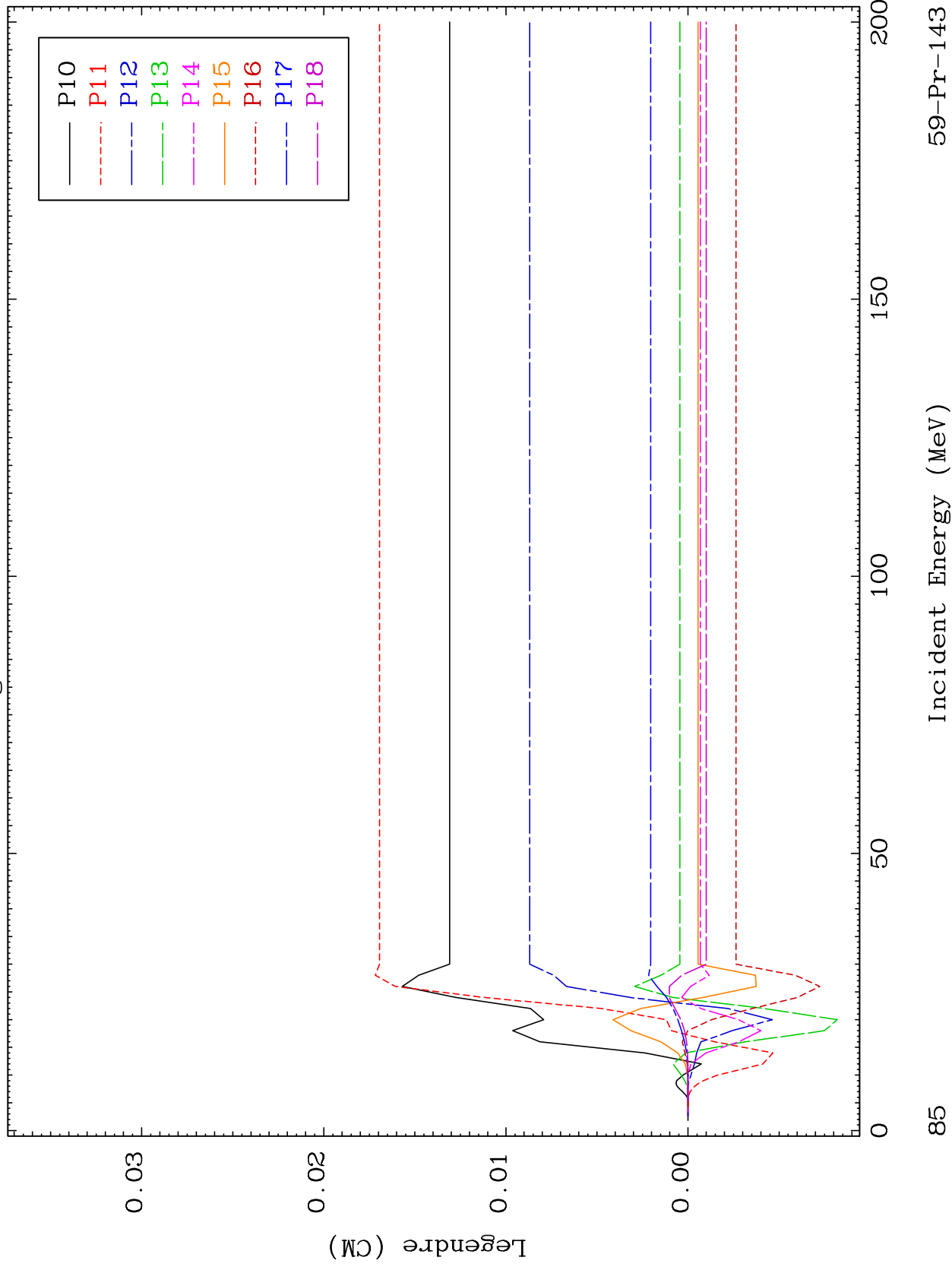
Incident Energy (MeV)

84

MAT 5931

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

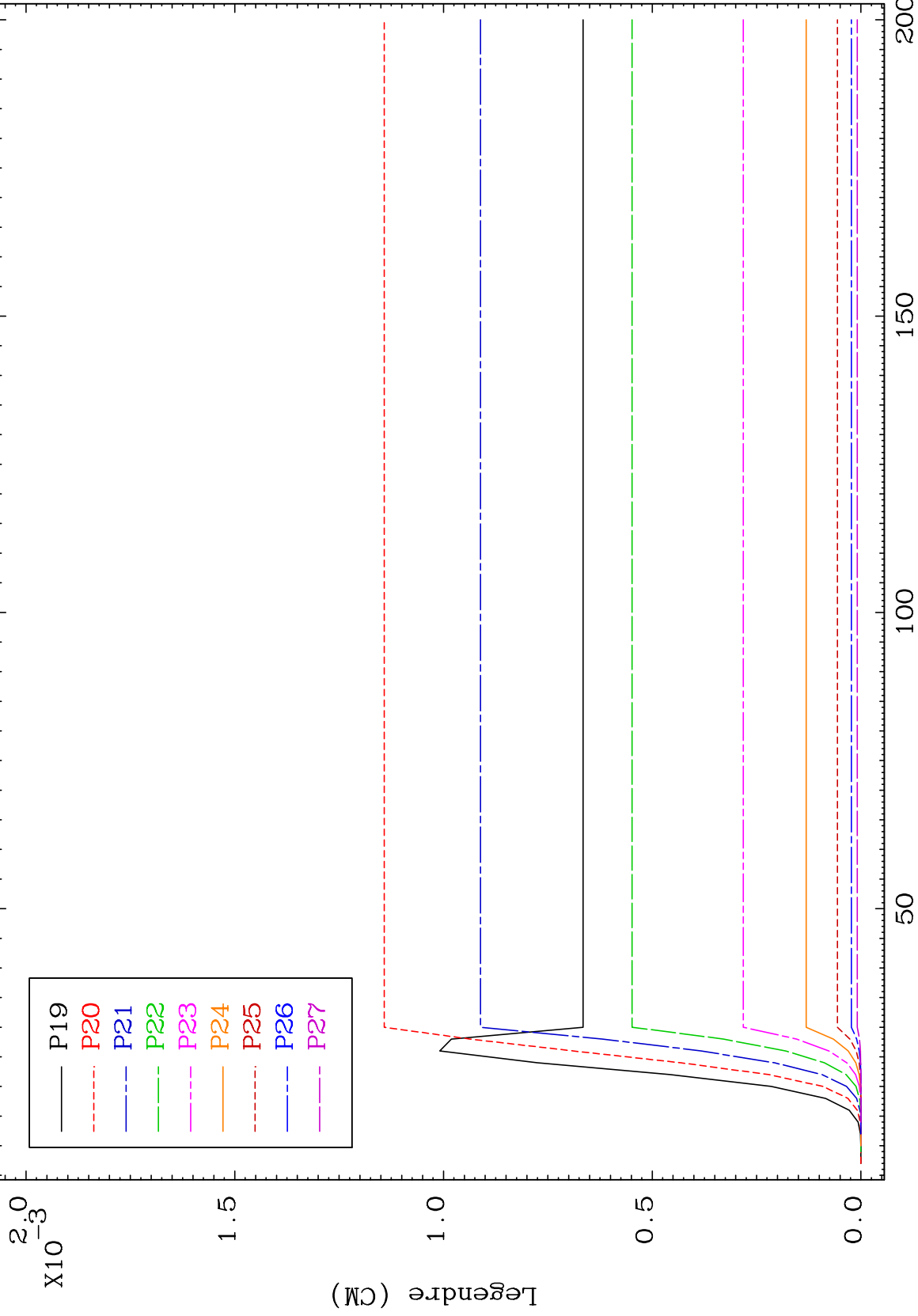
59-Pr-143

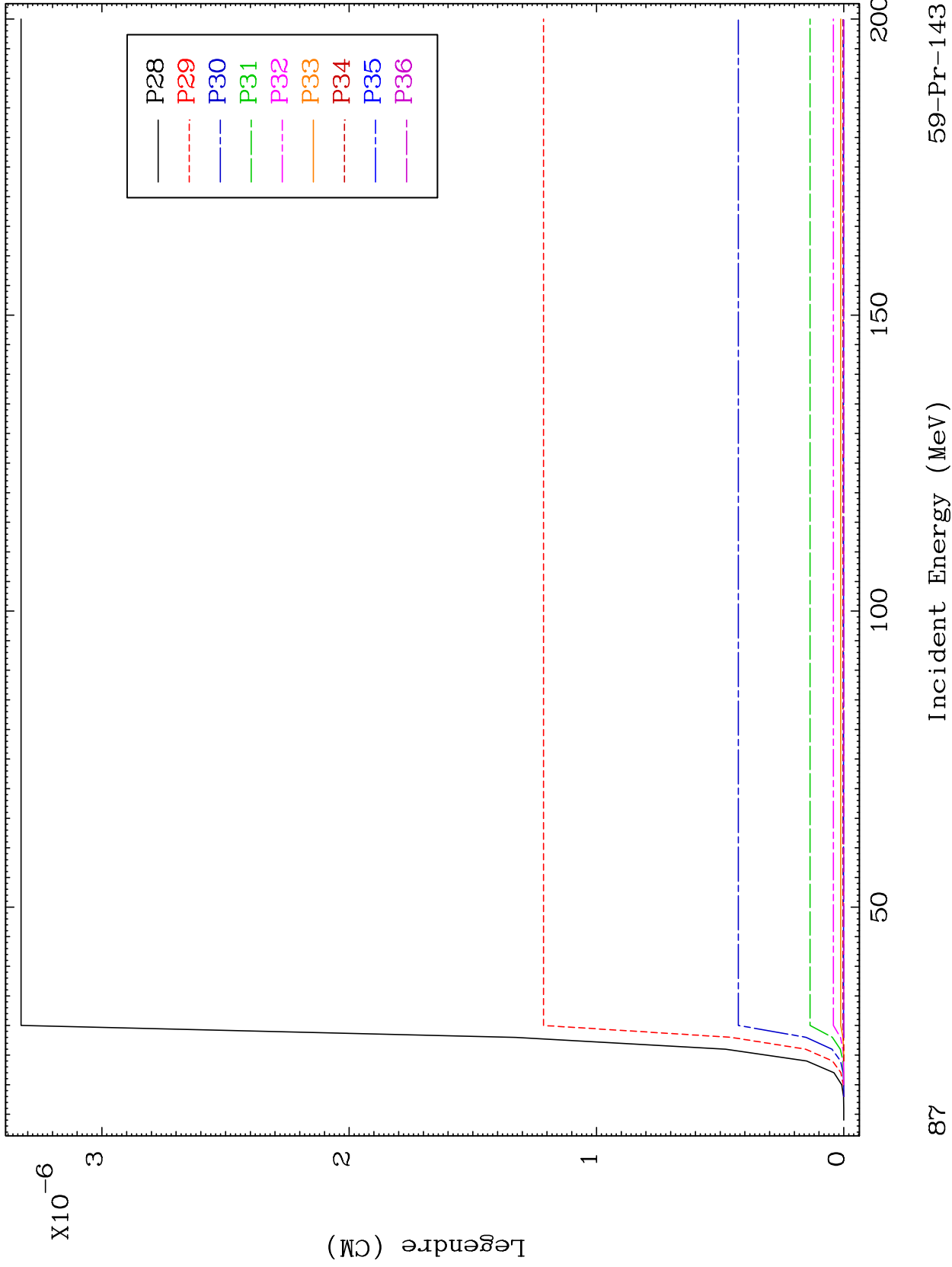


59-Pr-143

Incident Energy (MeV)

85

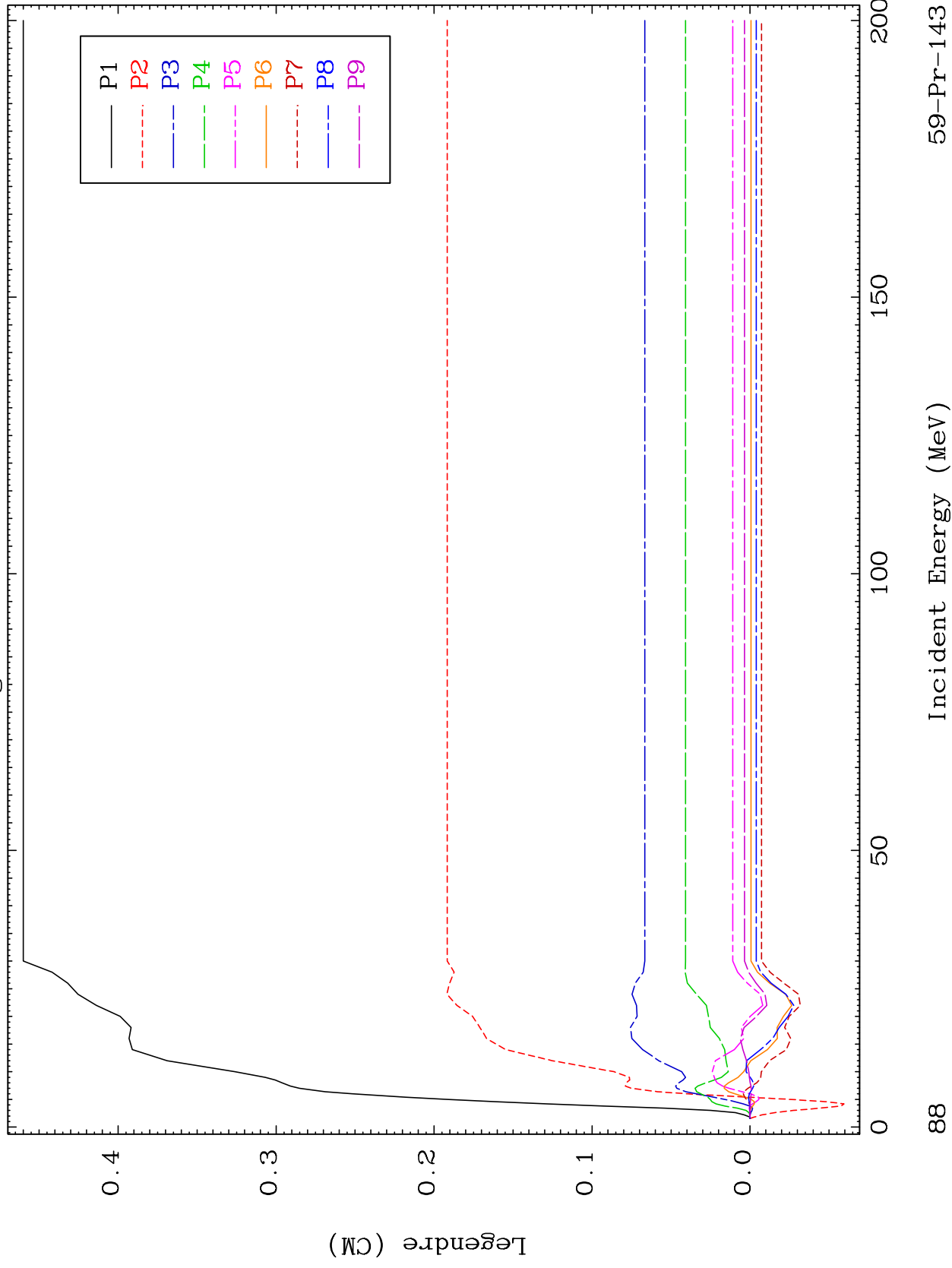




MAT 5931

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

59-Pr-143



59-Pr-143

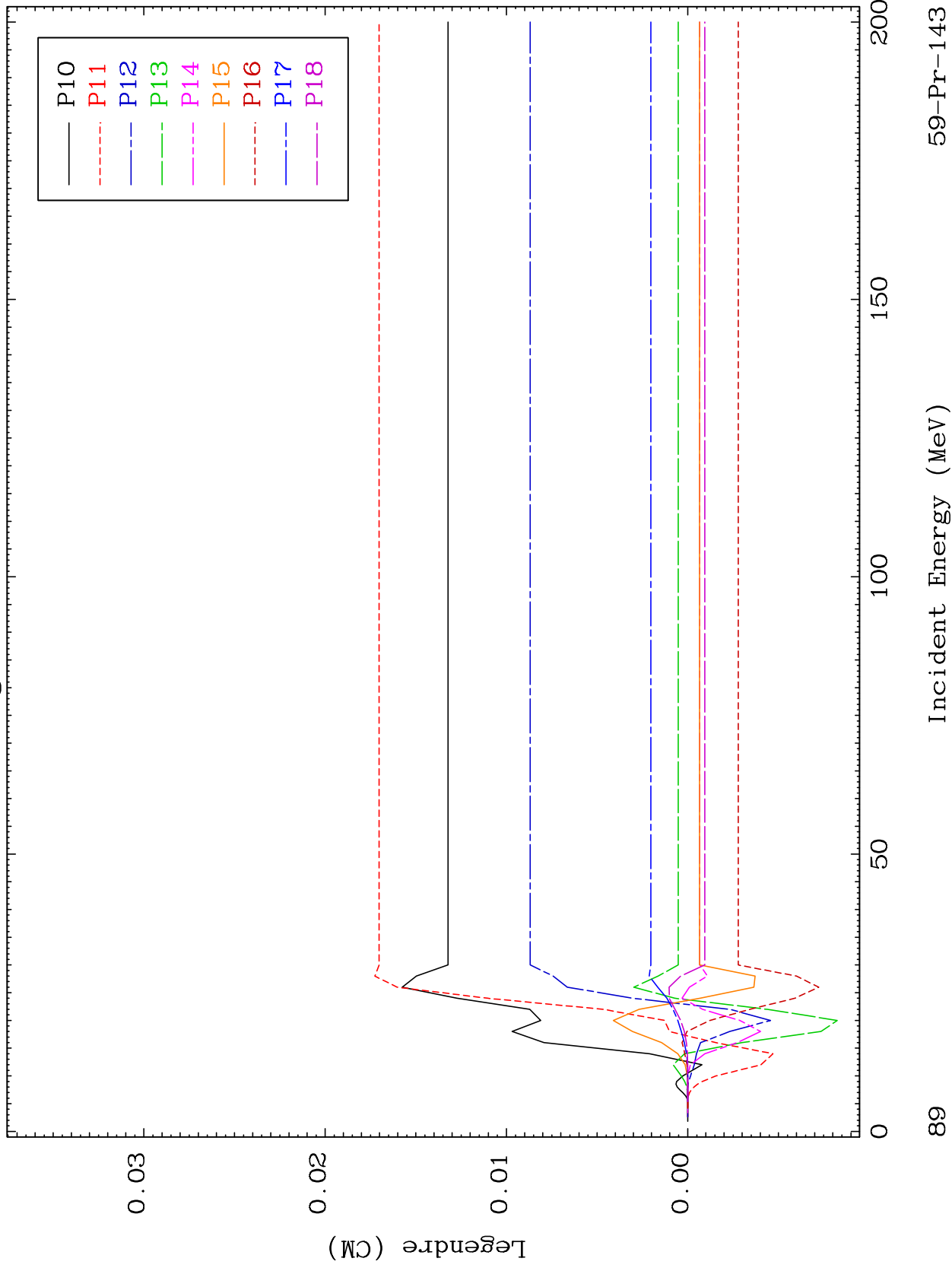
Incident Energy (MeV)

88

MAT 5931

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

59-Pr-143



59-Pr-143

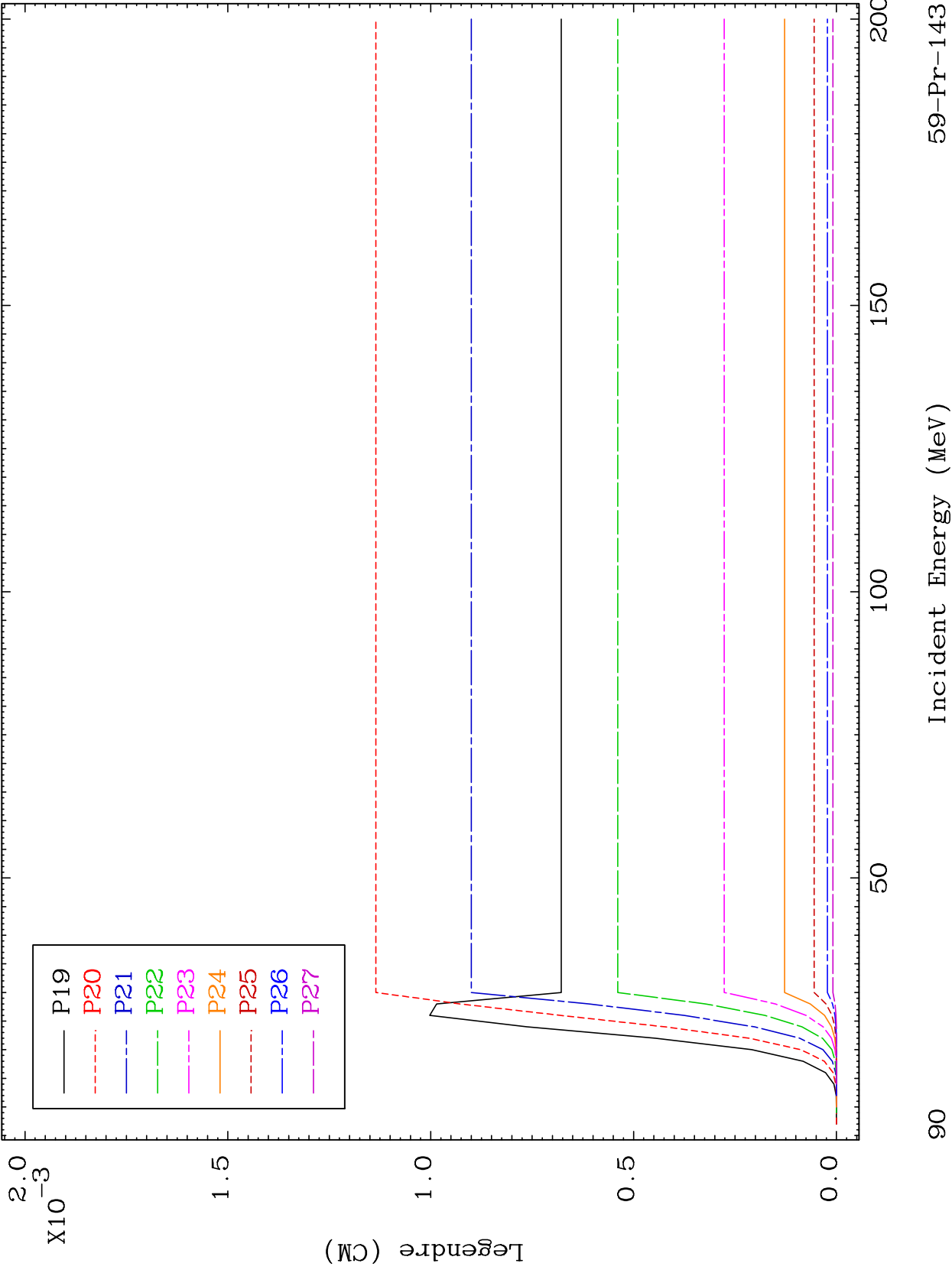
Incident Energy (MeV)

89

MAT 5931

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

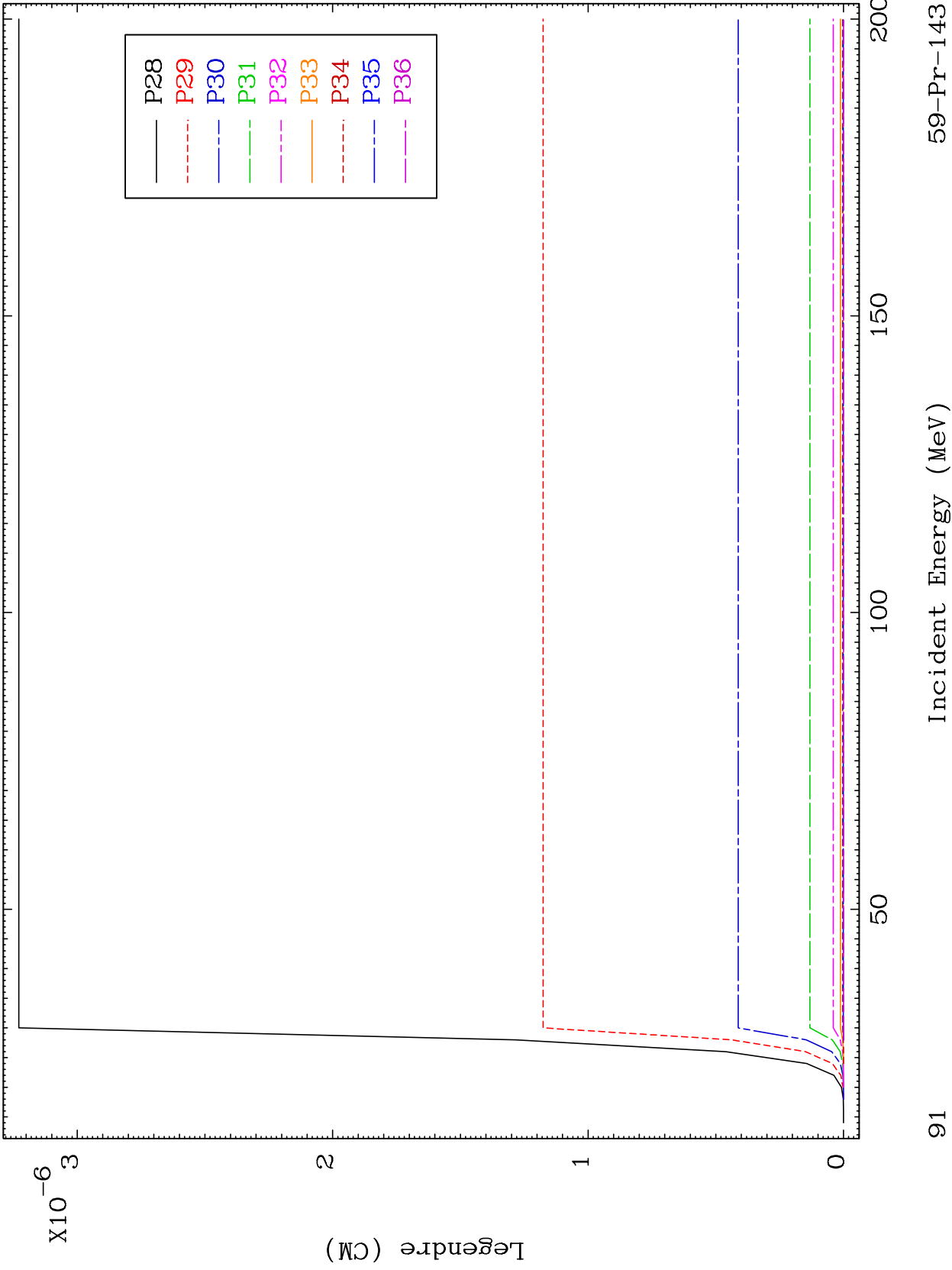
59-Pr-143



MAT 5931

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

59-Pr-143



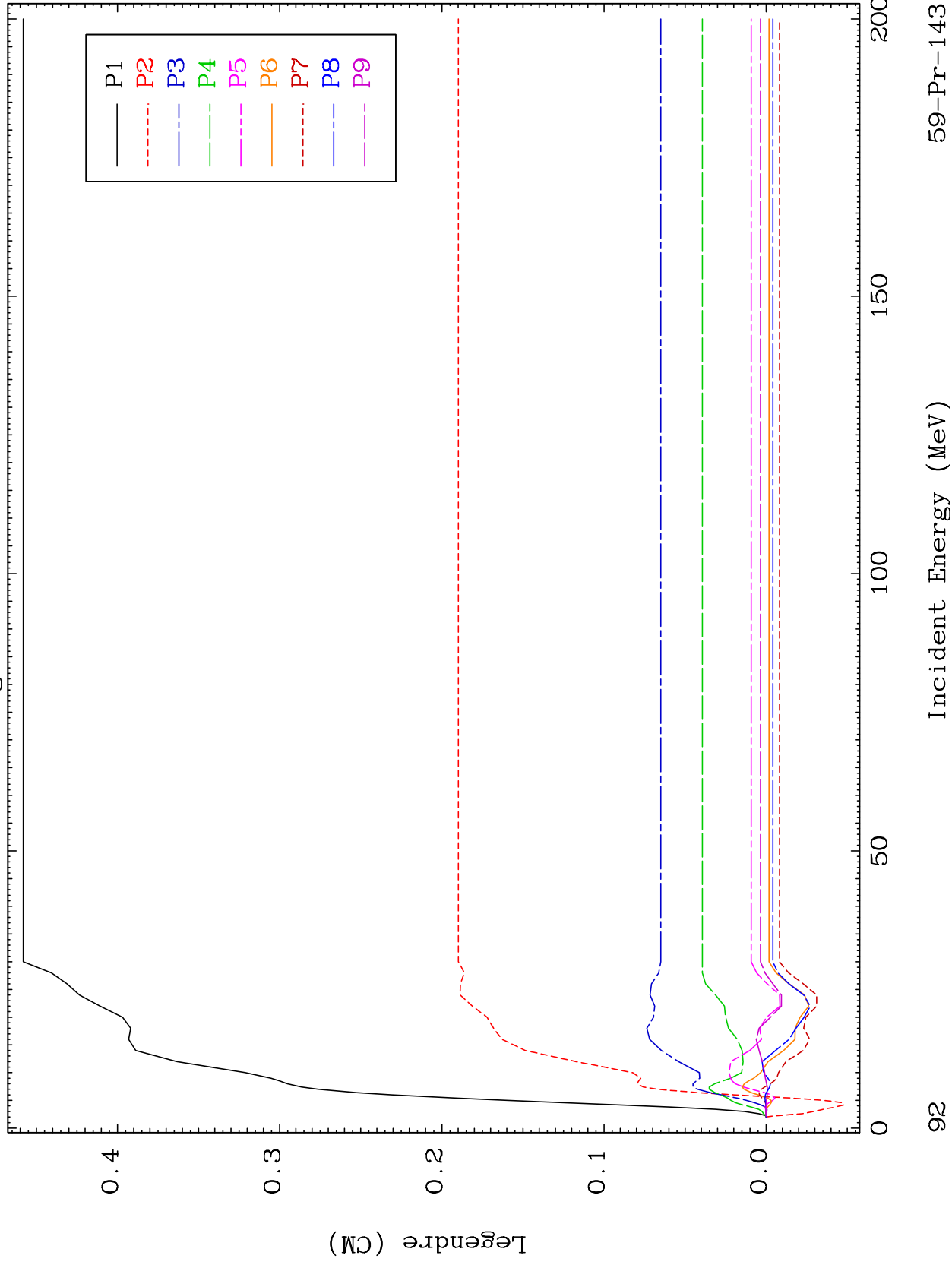
91

59-Pr-143

MAT 5931

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

59-Pr-143



59-Pr-143

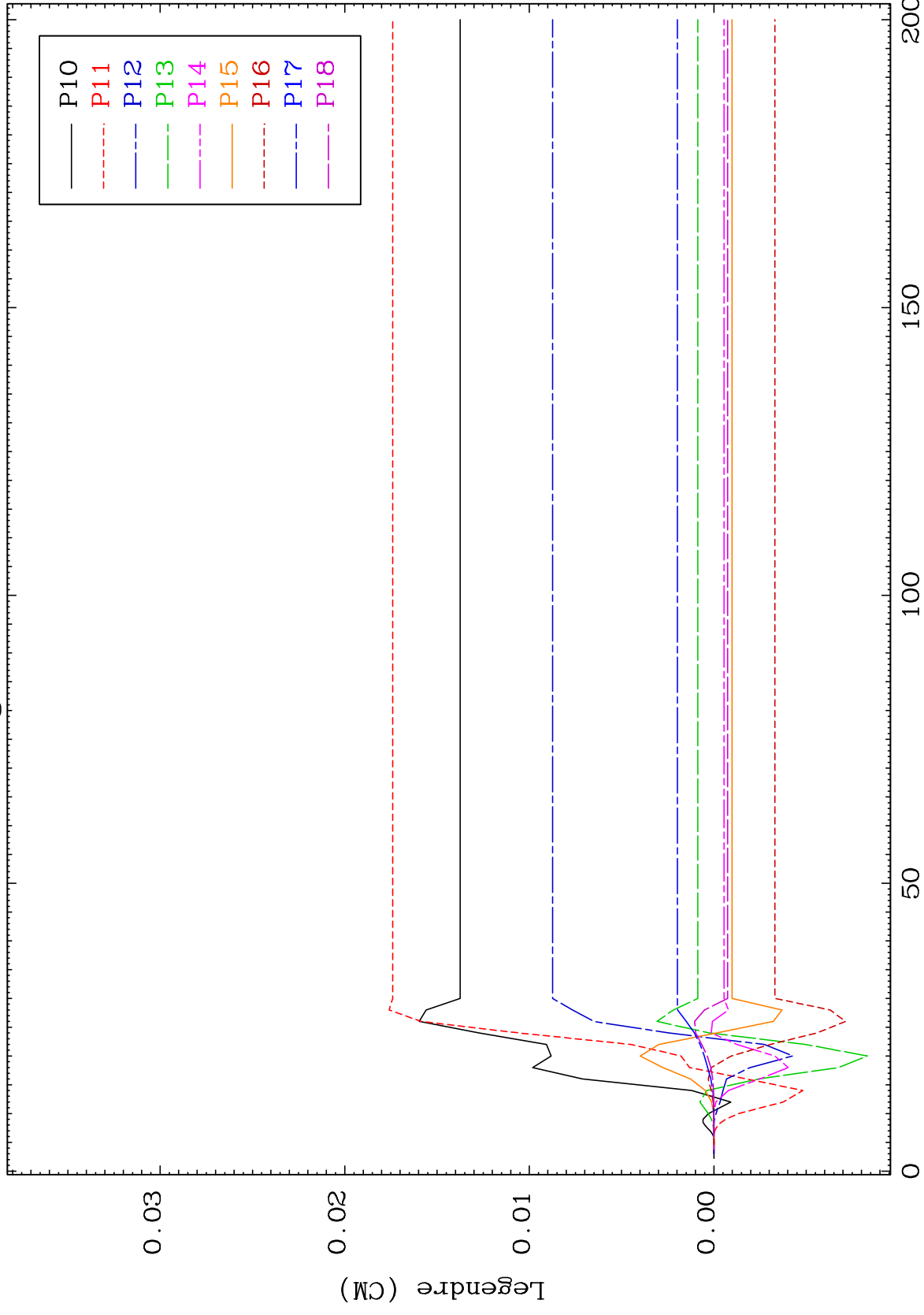
Incident Energy (MeV)

92

MAT 5931

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

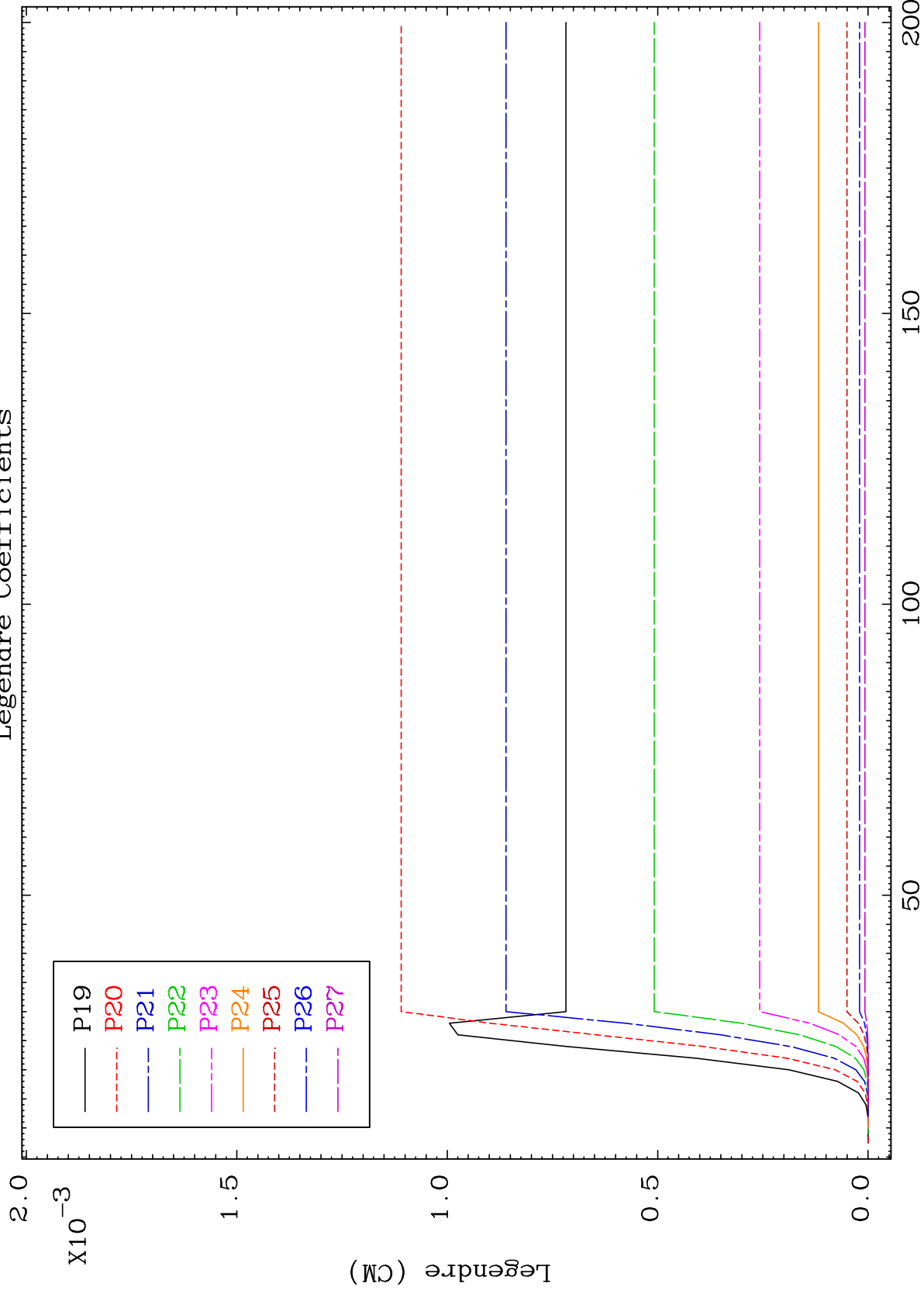
59-Pr-143



93

Incident Energy (MeV)

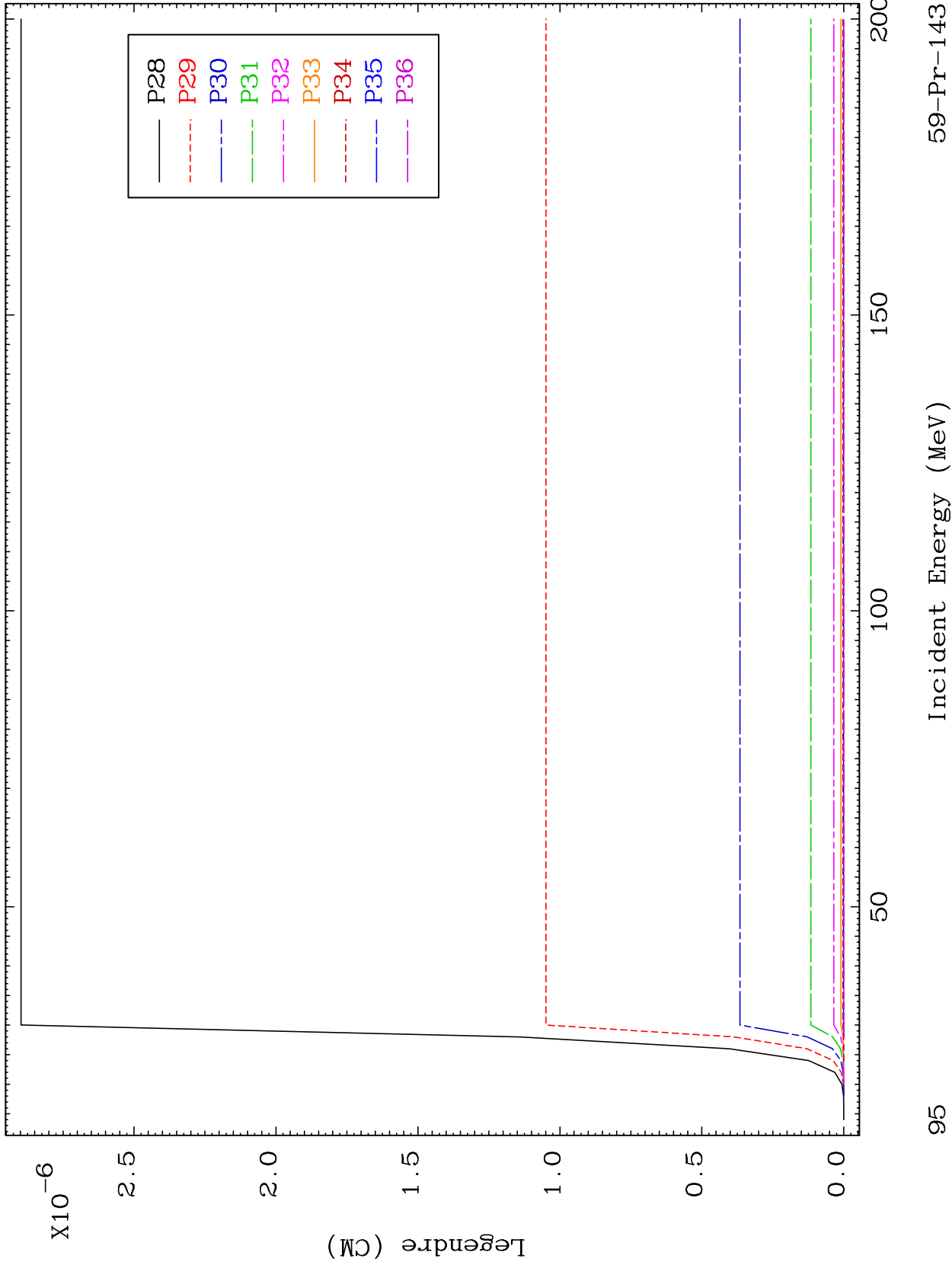
59-Pr-143



MAT 5931

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

59-Pr-143



95

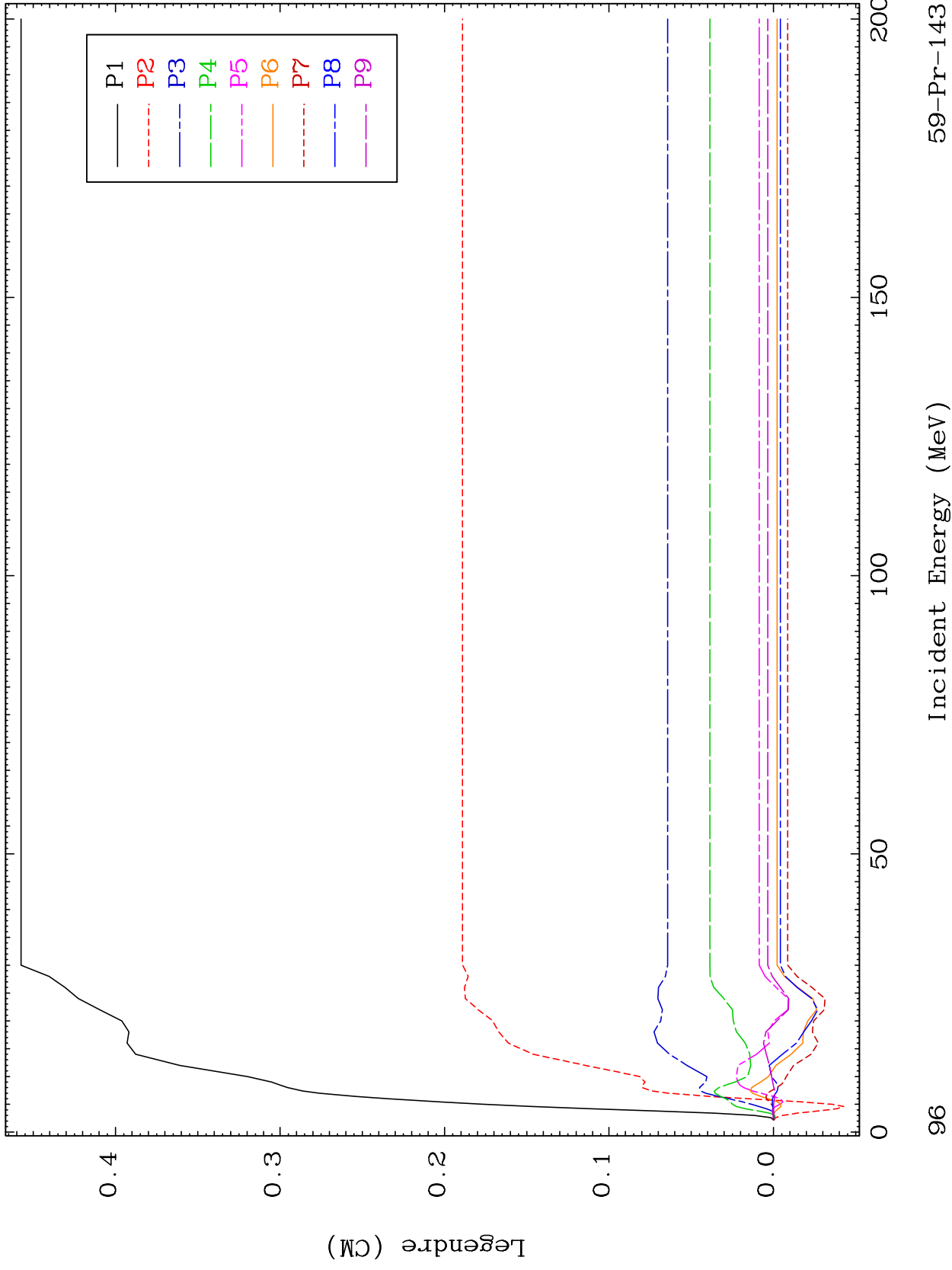
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



59-Pr-143

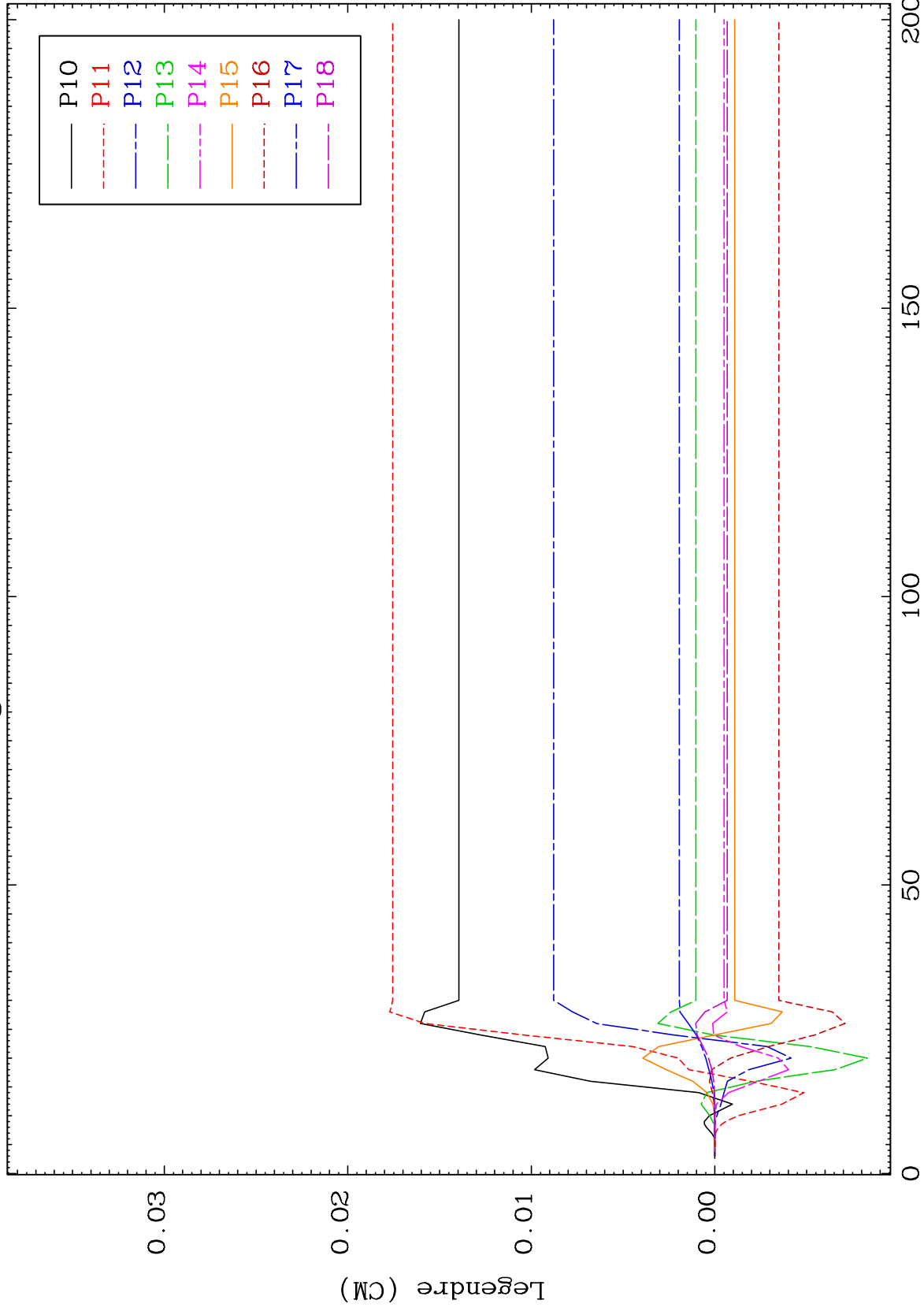
Incident Energy (MeV)

96

MAT 5931

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

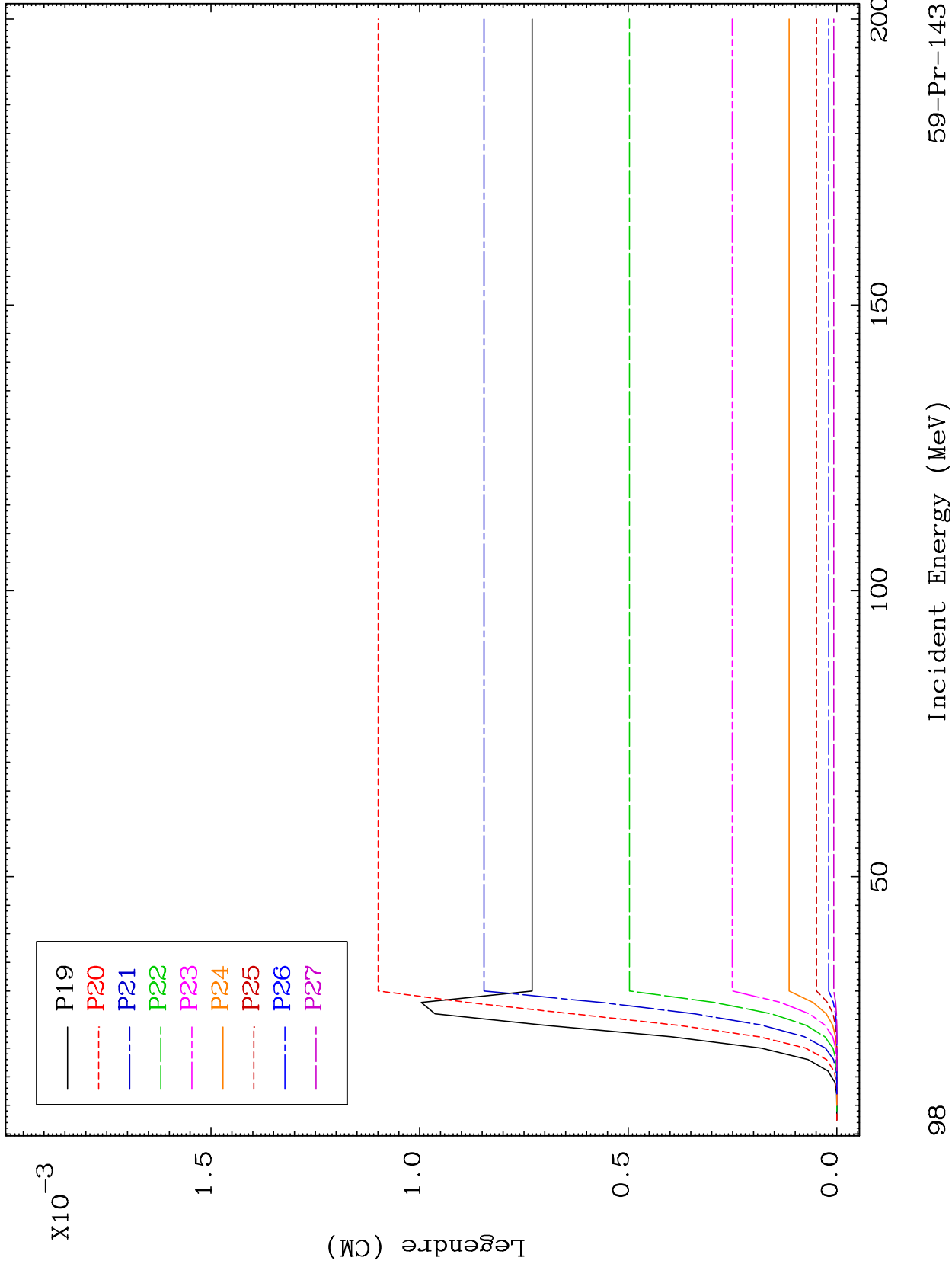
59-Pr-143



97

Incident Energy (MeV)

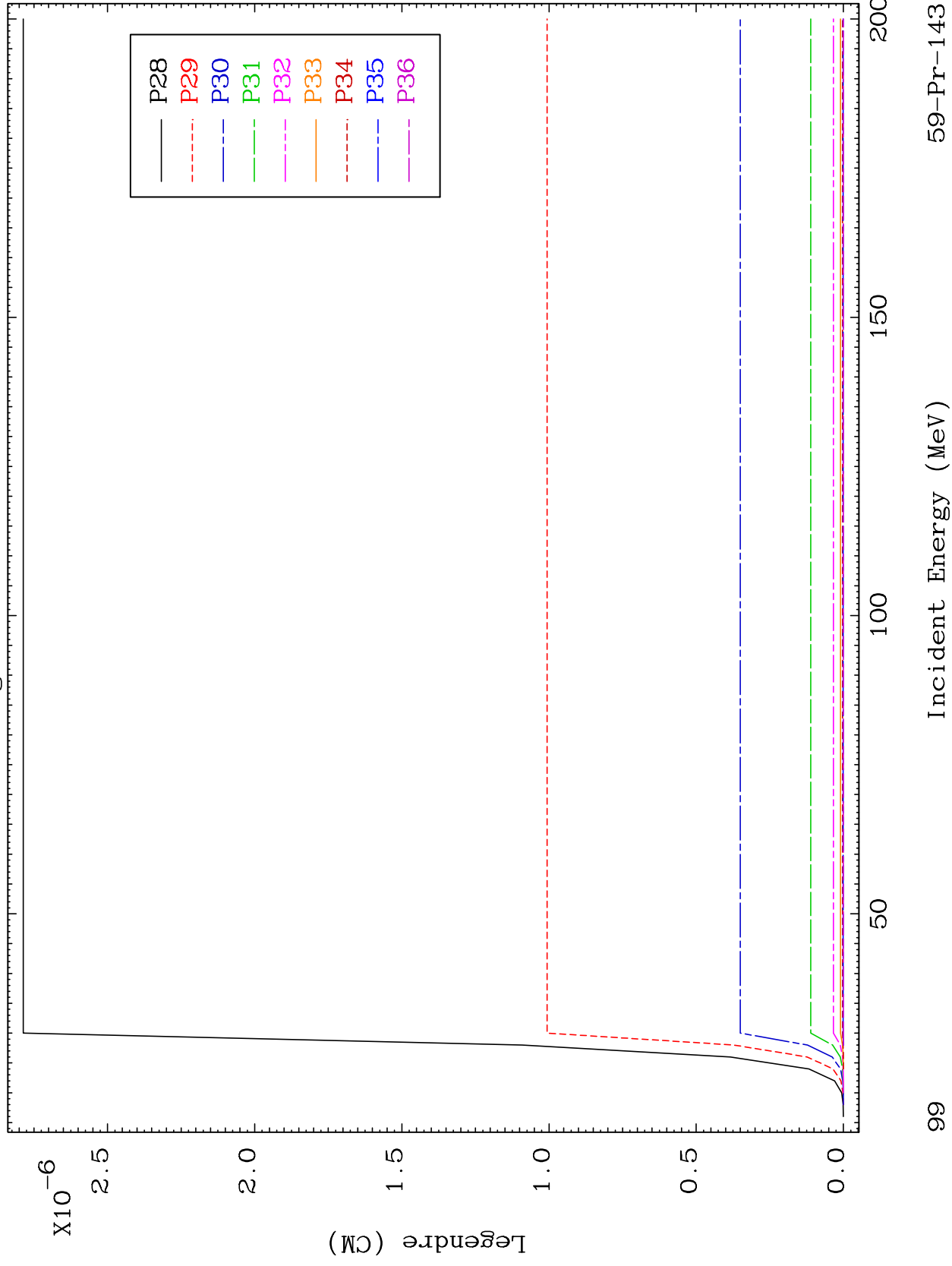
59-Pr-143



MAT 5931

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

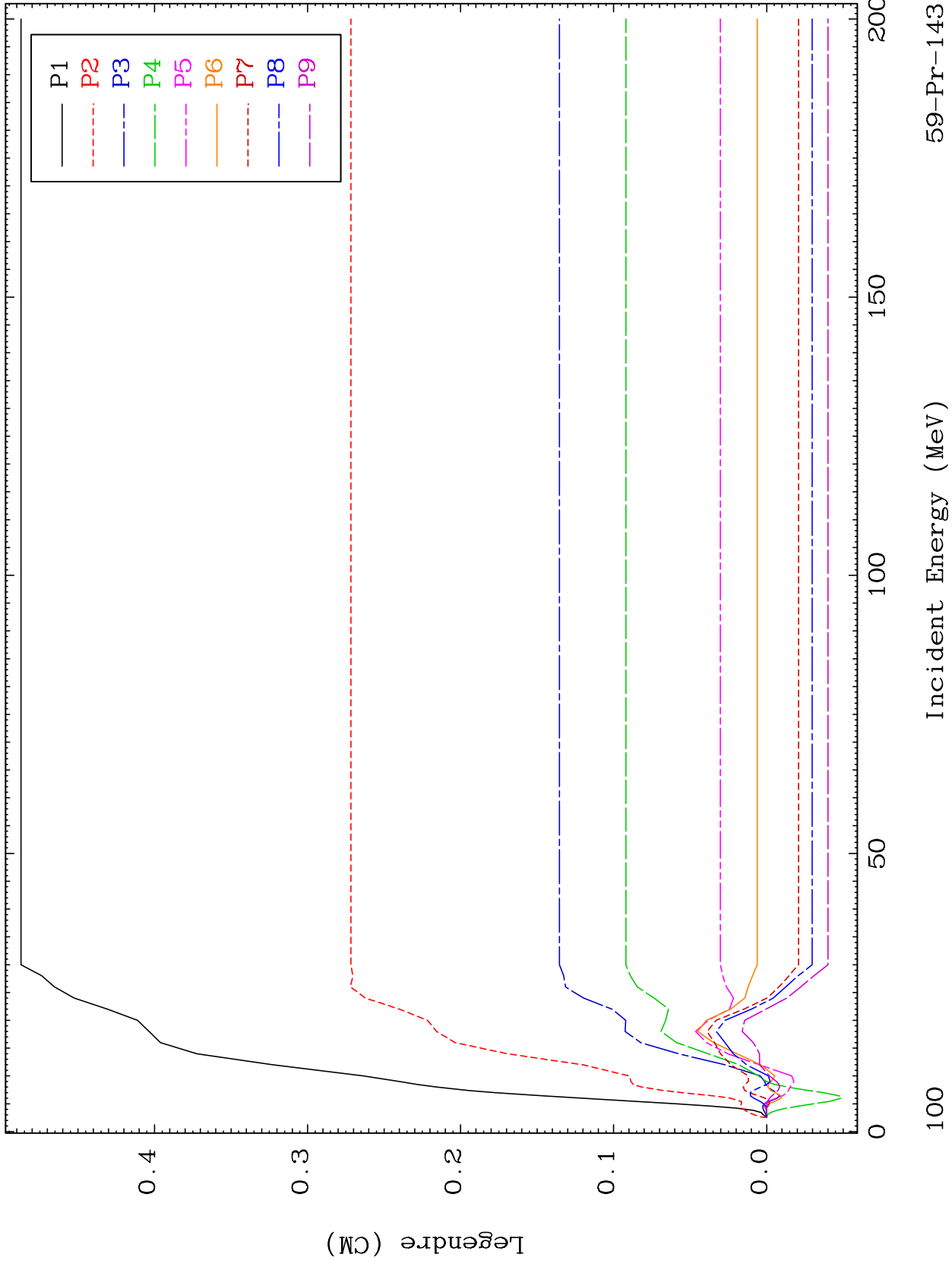
59-Pr-143



MAT 5931

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

59-Pr-143



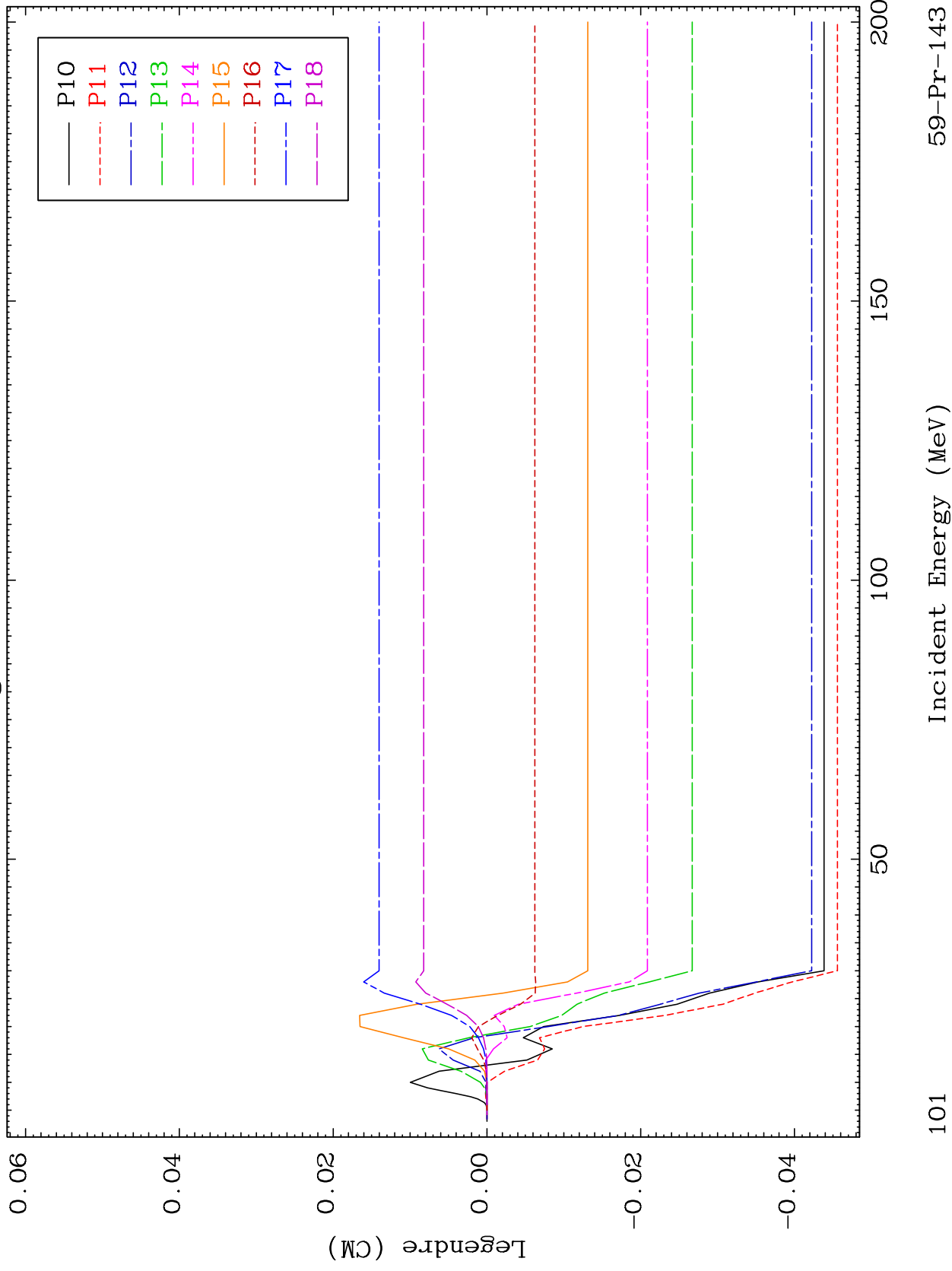
59-Pr-143

Incident Energy (MeV)

MAT 5931

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

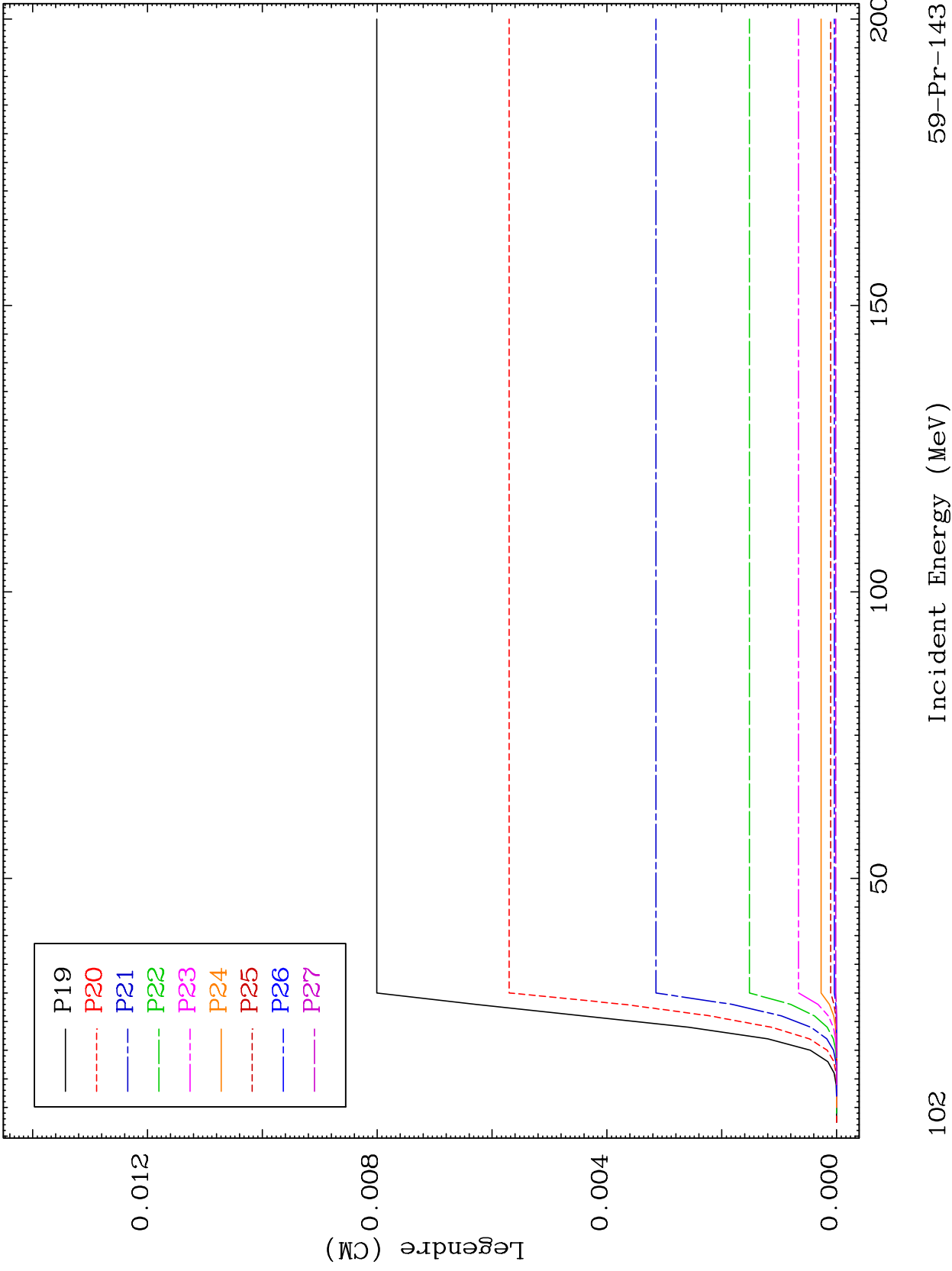
59-Pr-143



101

Incident Energy (MeV)

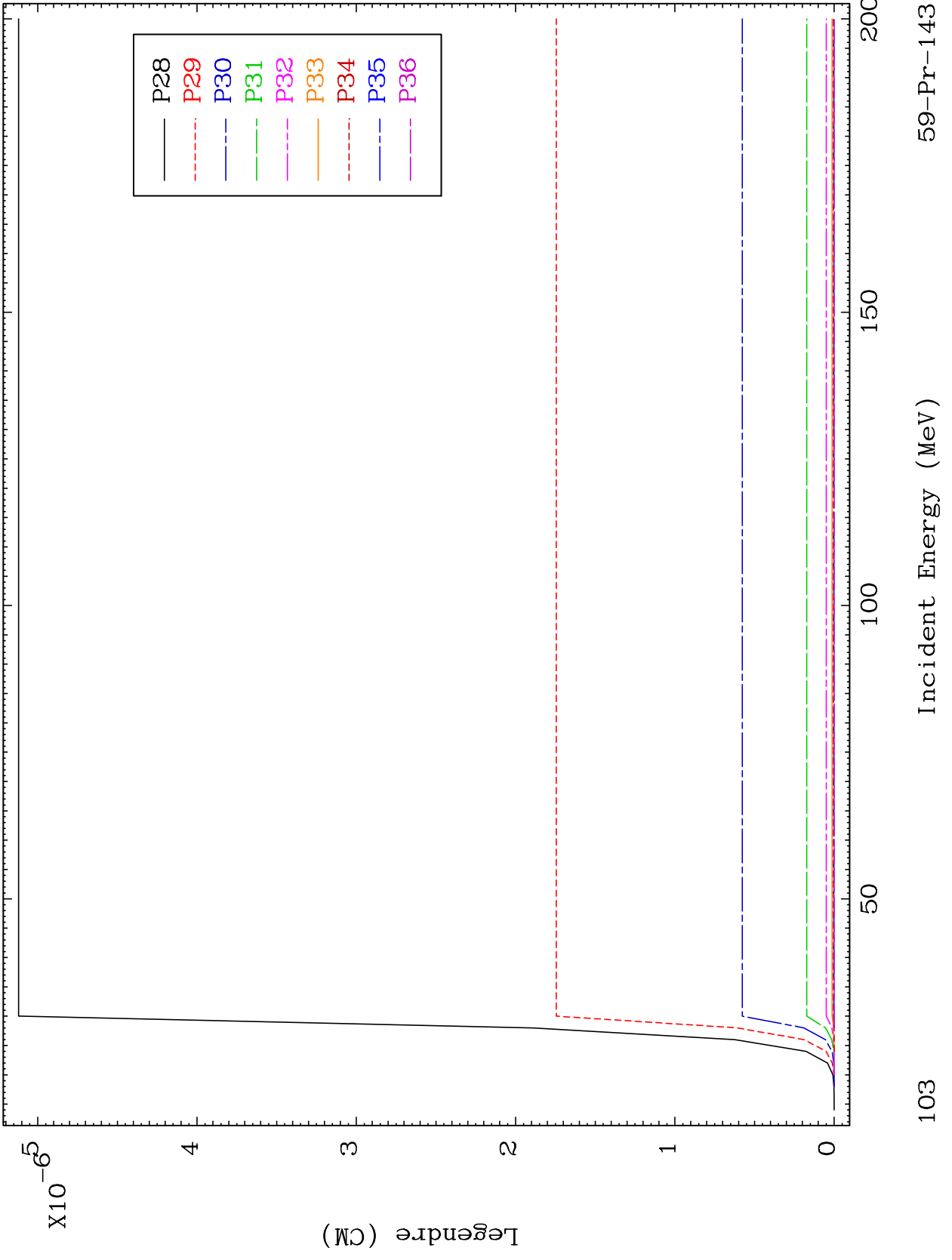
59-Pr-143



MAT 5931

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

59-Pr-143



103

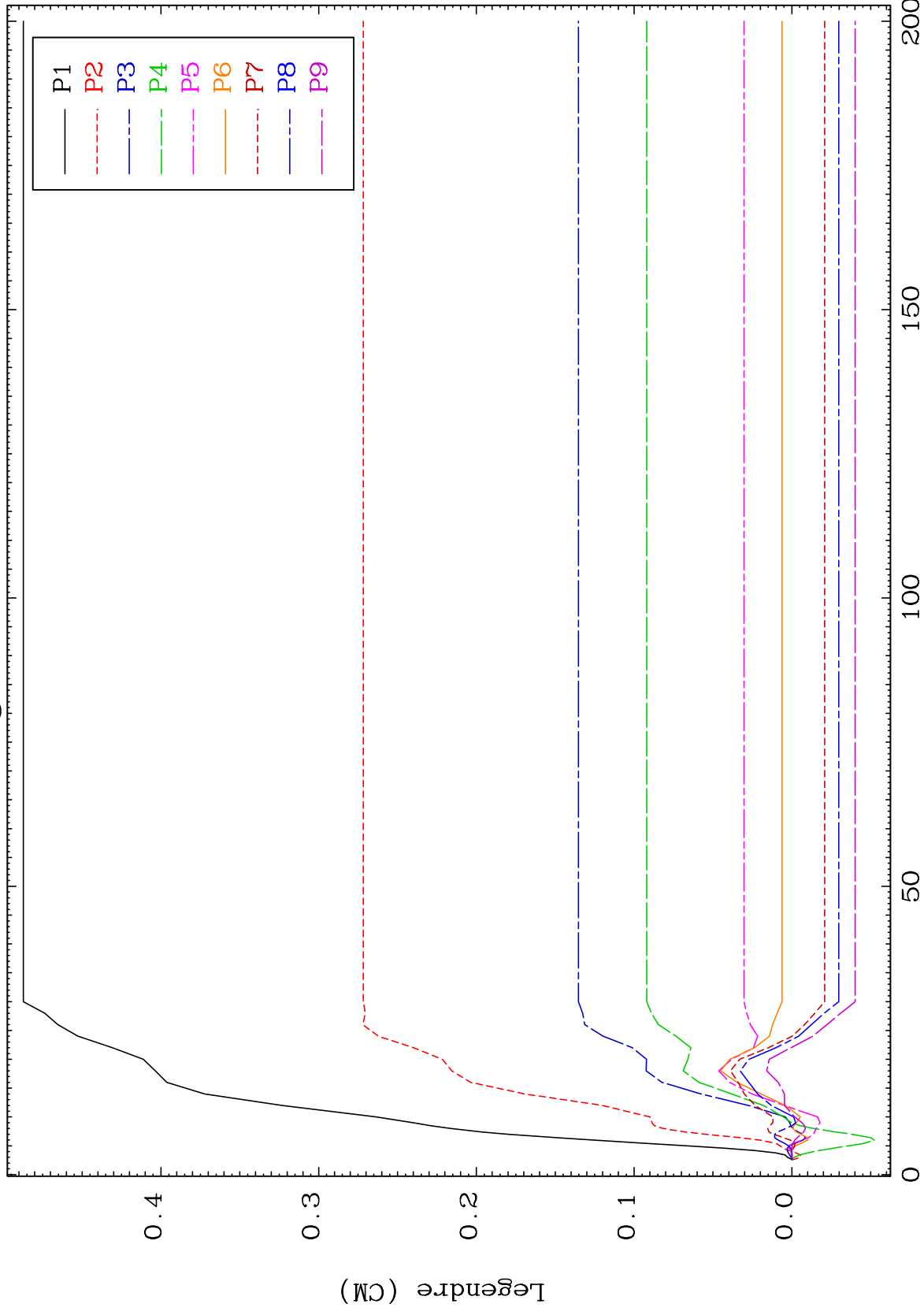
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



59-Pr-143

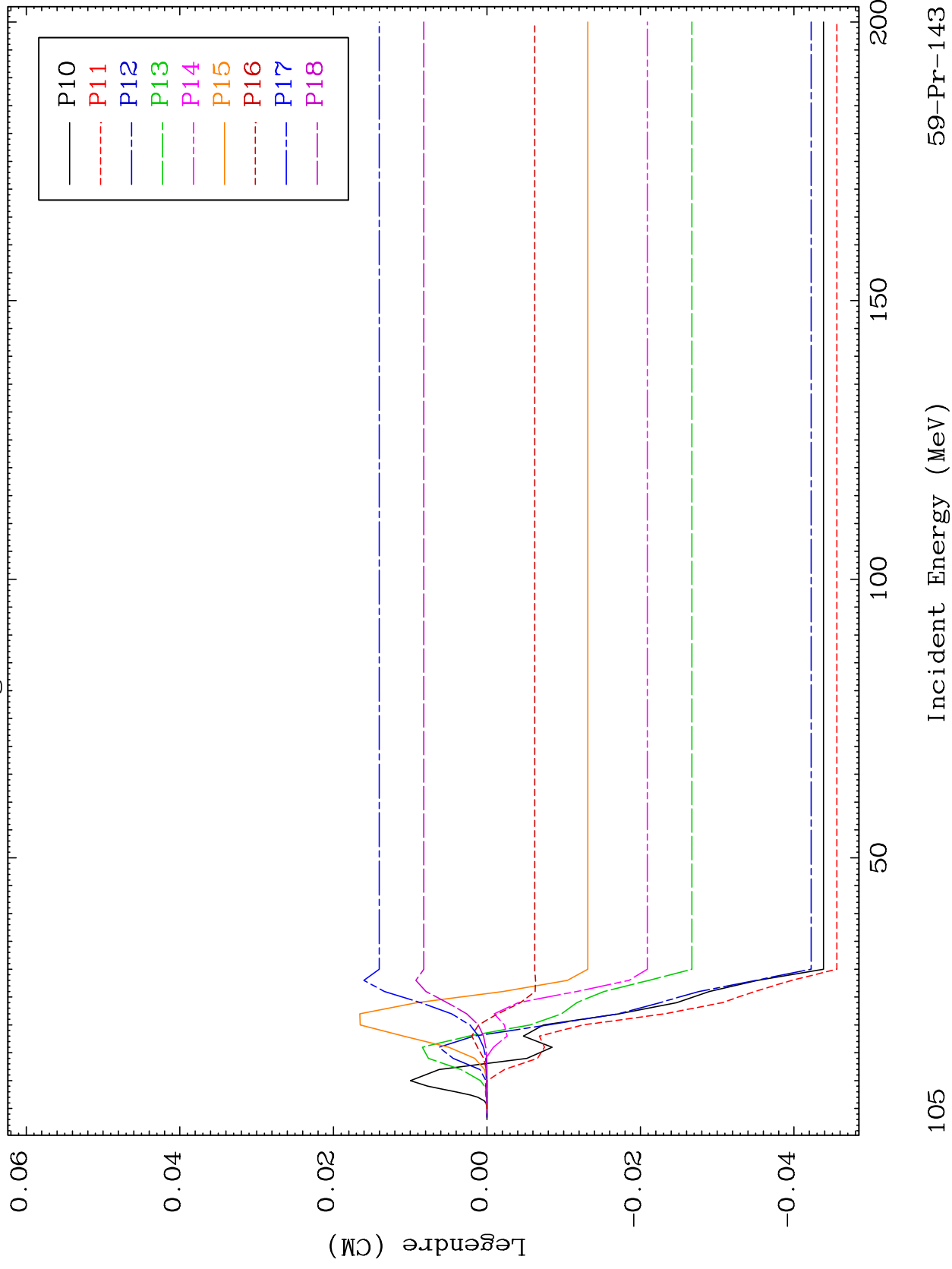
Incident Energy (MeV)

104

MAT 5931

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

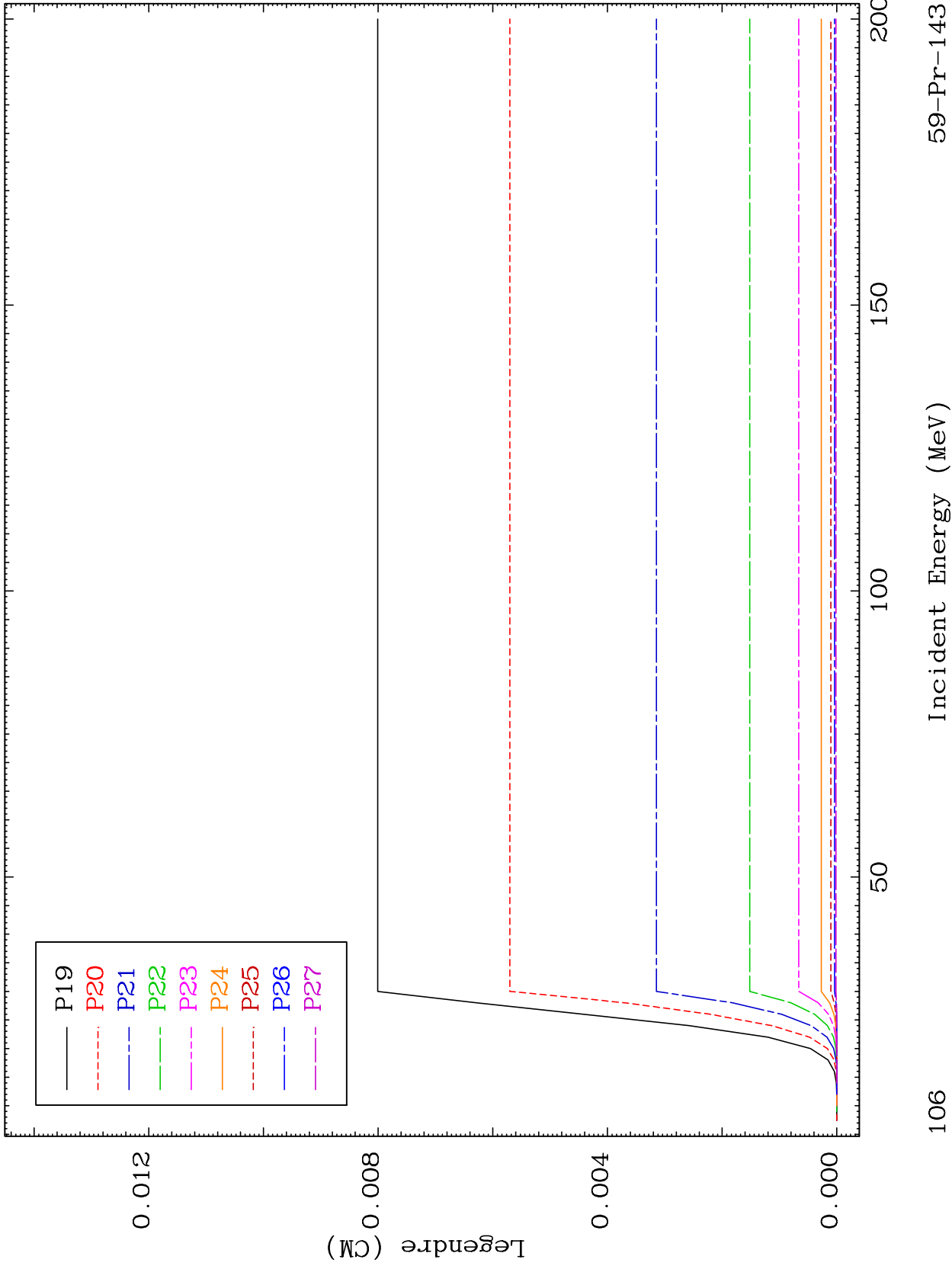
59-Pr-143



105

Incident Energy (MeV)

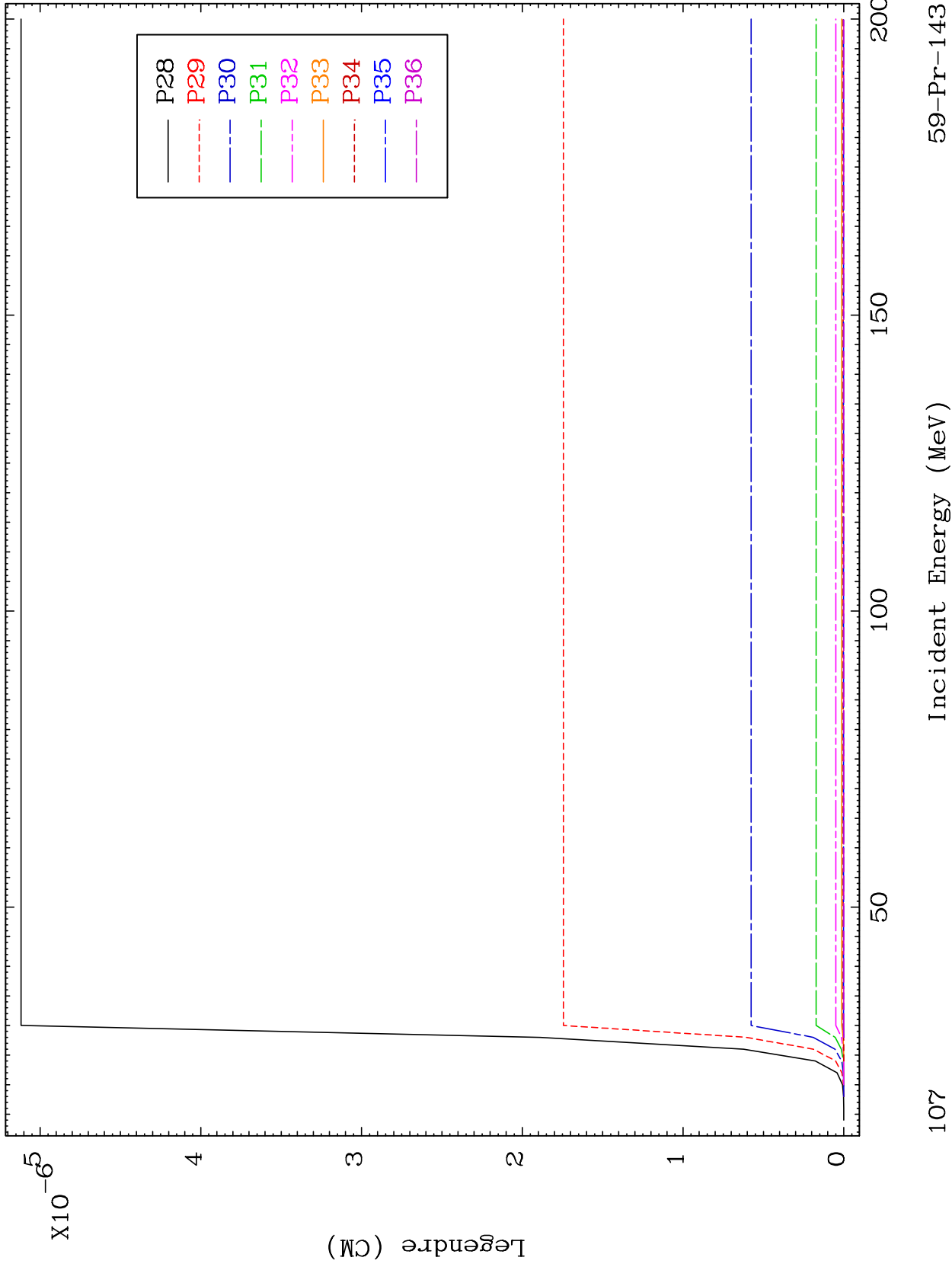
59-Pr-143



MAT 5931

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

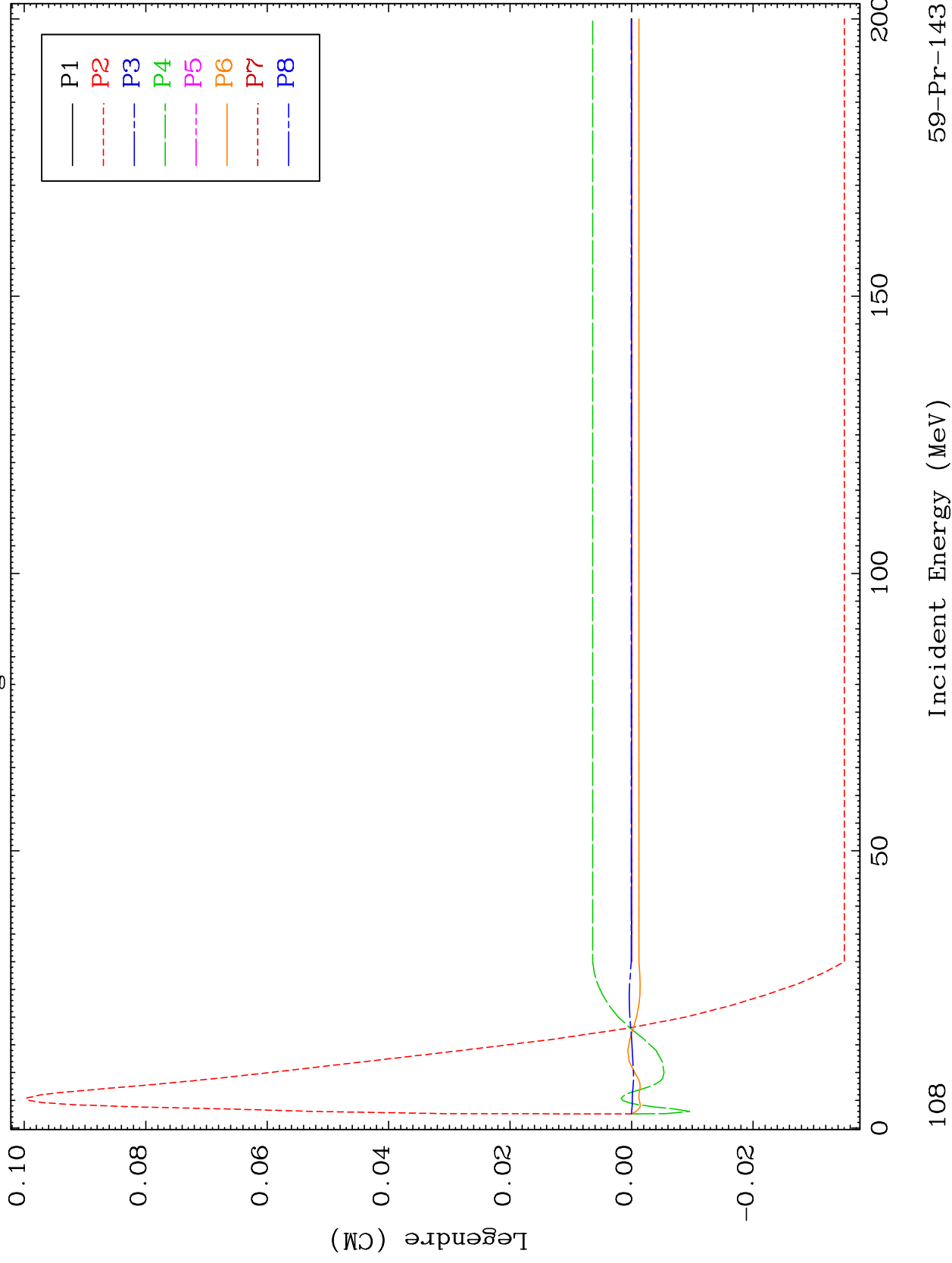
59-Pr-143



MAT 5931

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

59-Pr-143



59-Pr-143

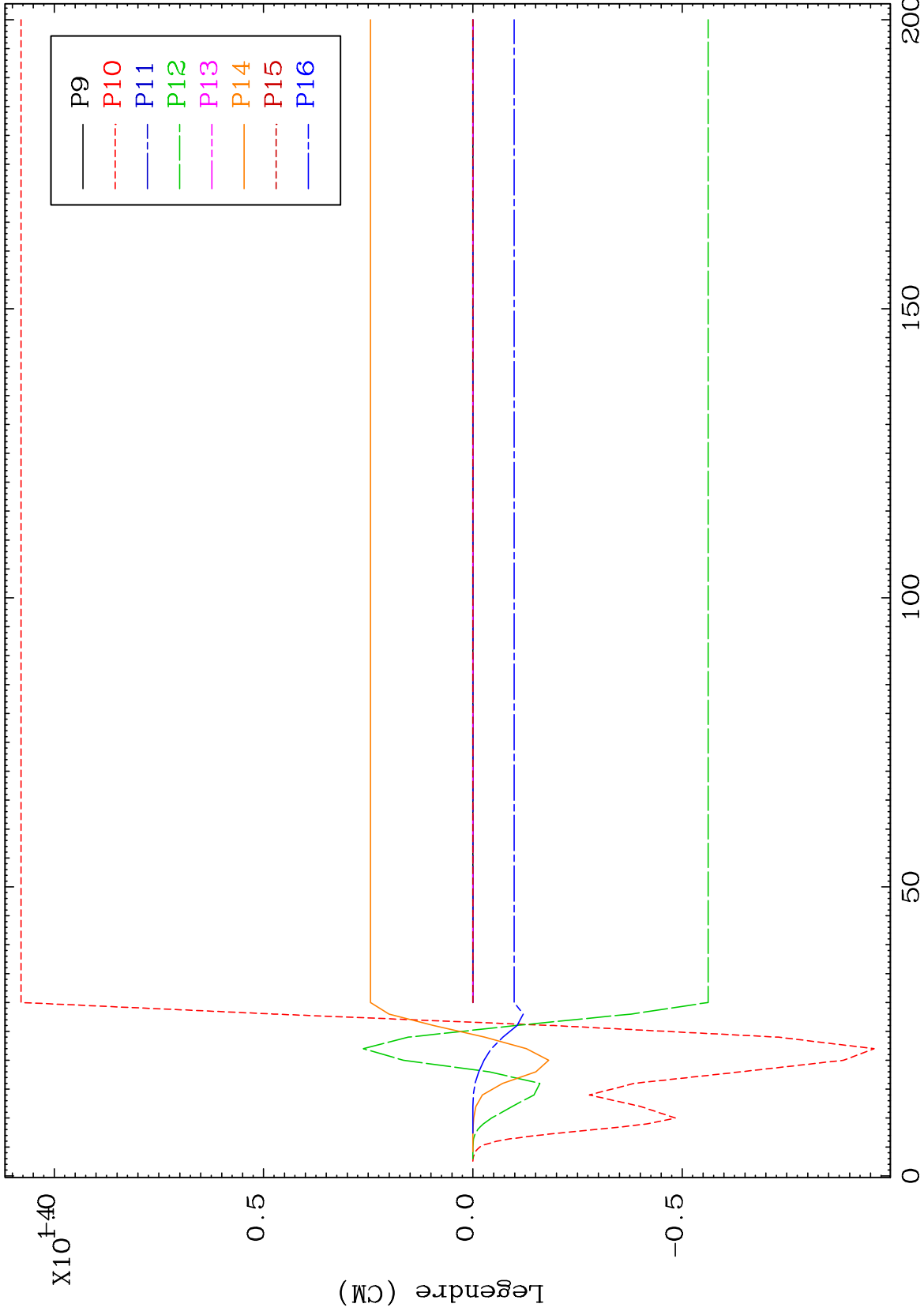
Incident Energy (MeV)

108

MAT 5931

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

59-Pr-143



109

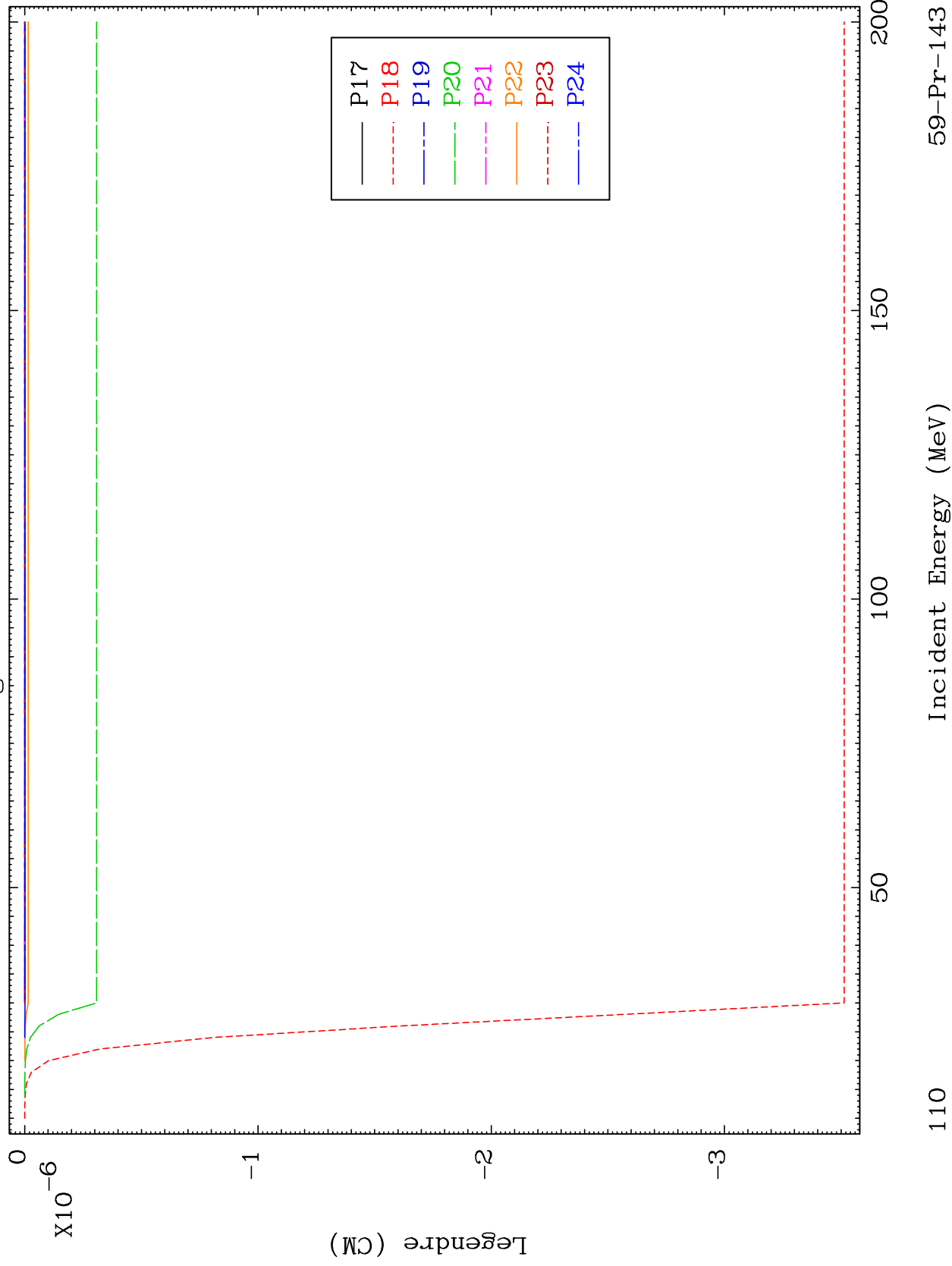
Incident Energy (MeV)

59-Pr-143

MAT 5931

59-Pr-143

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



110

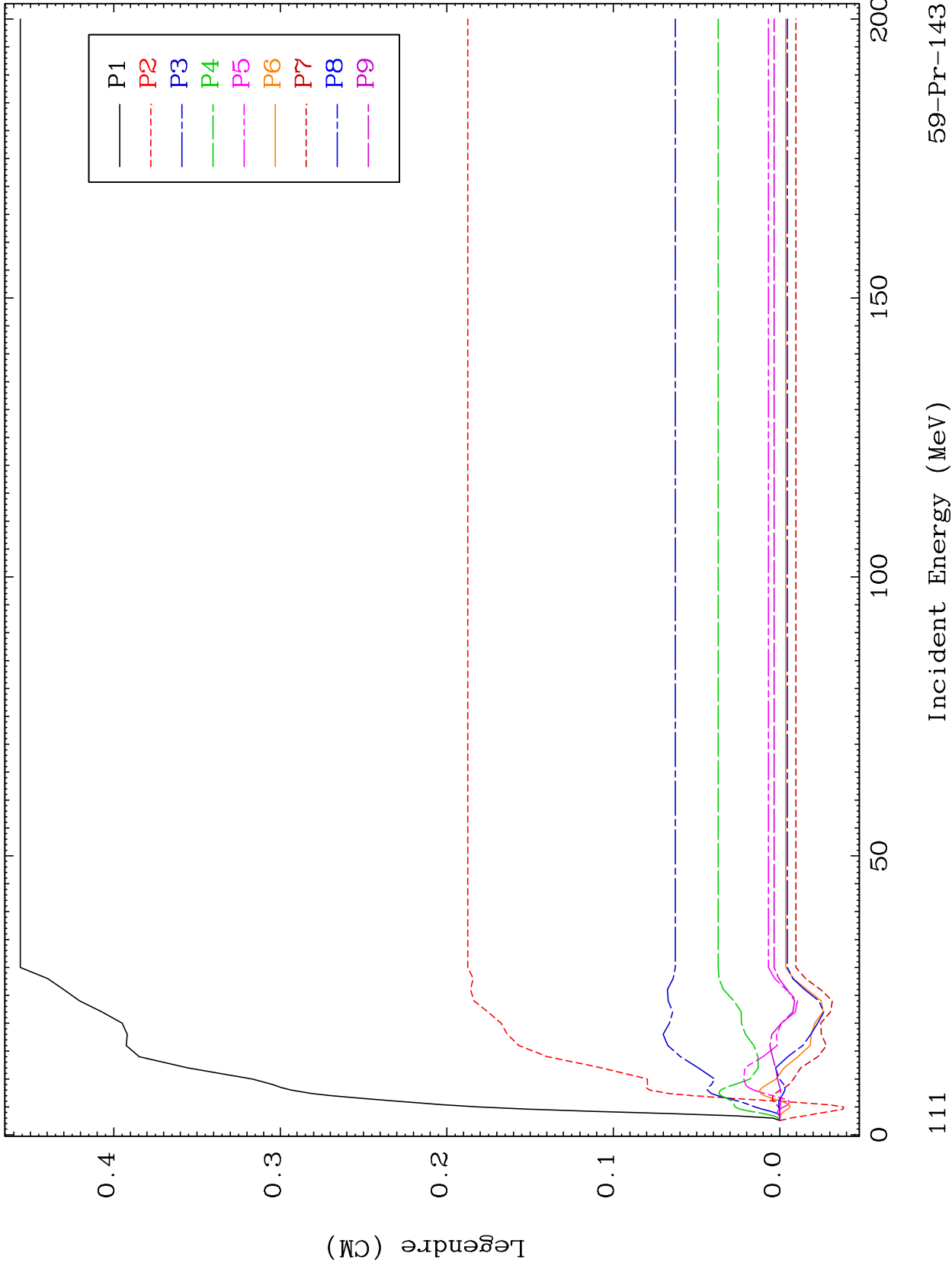
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



111

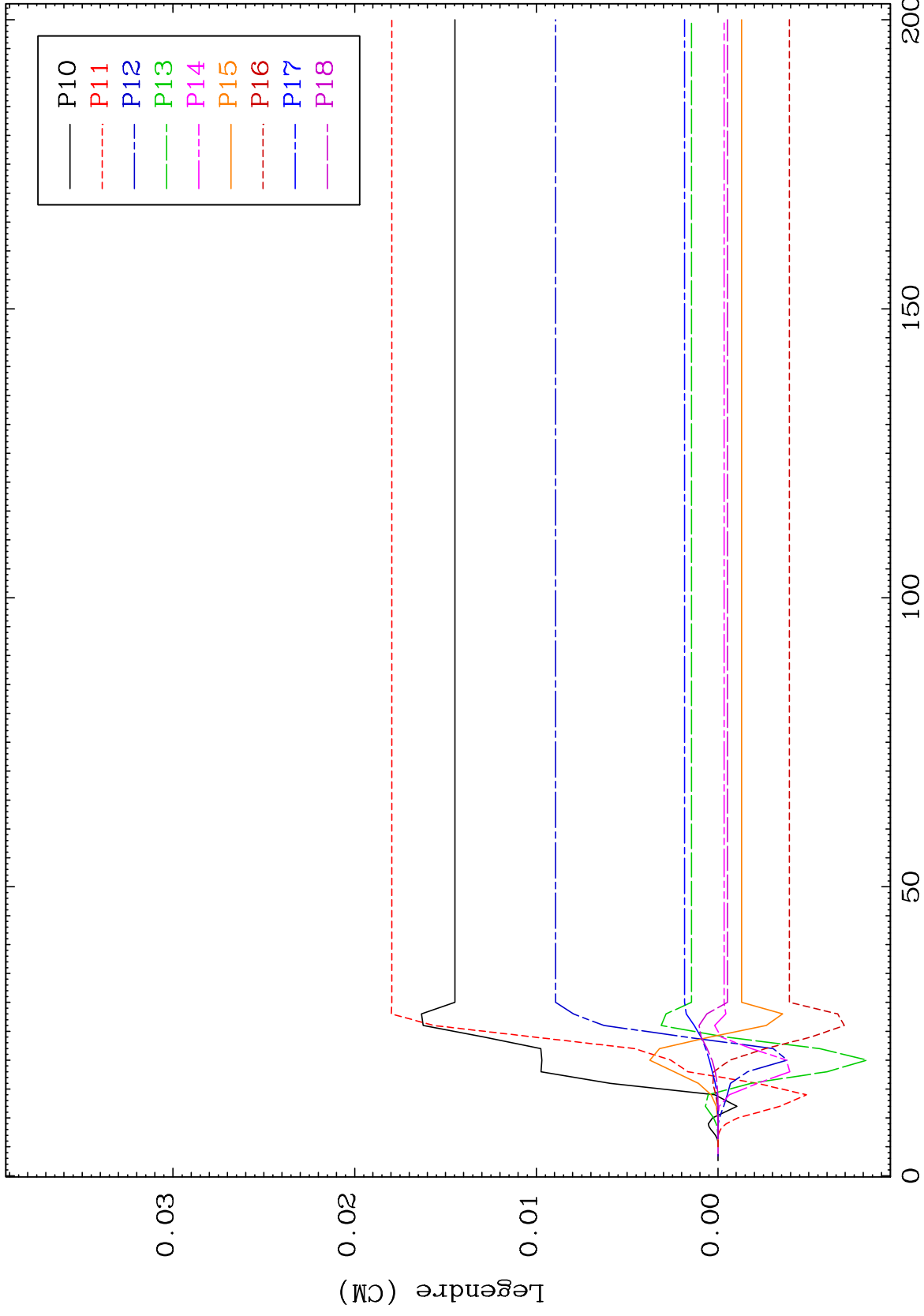
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

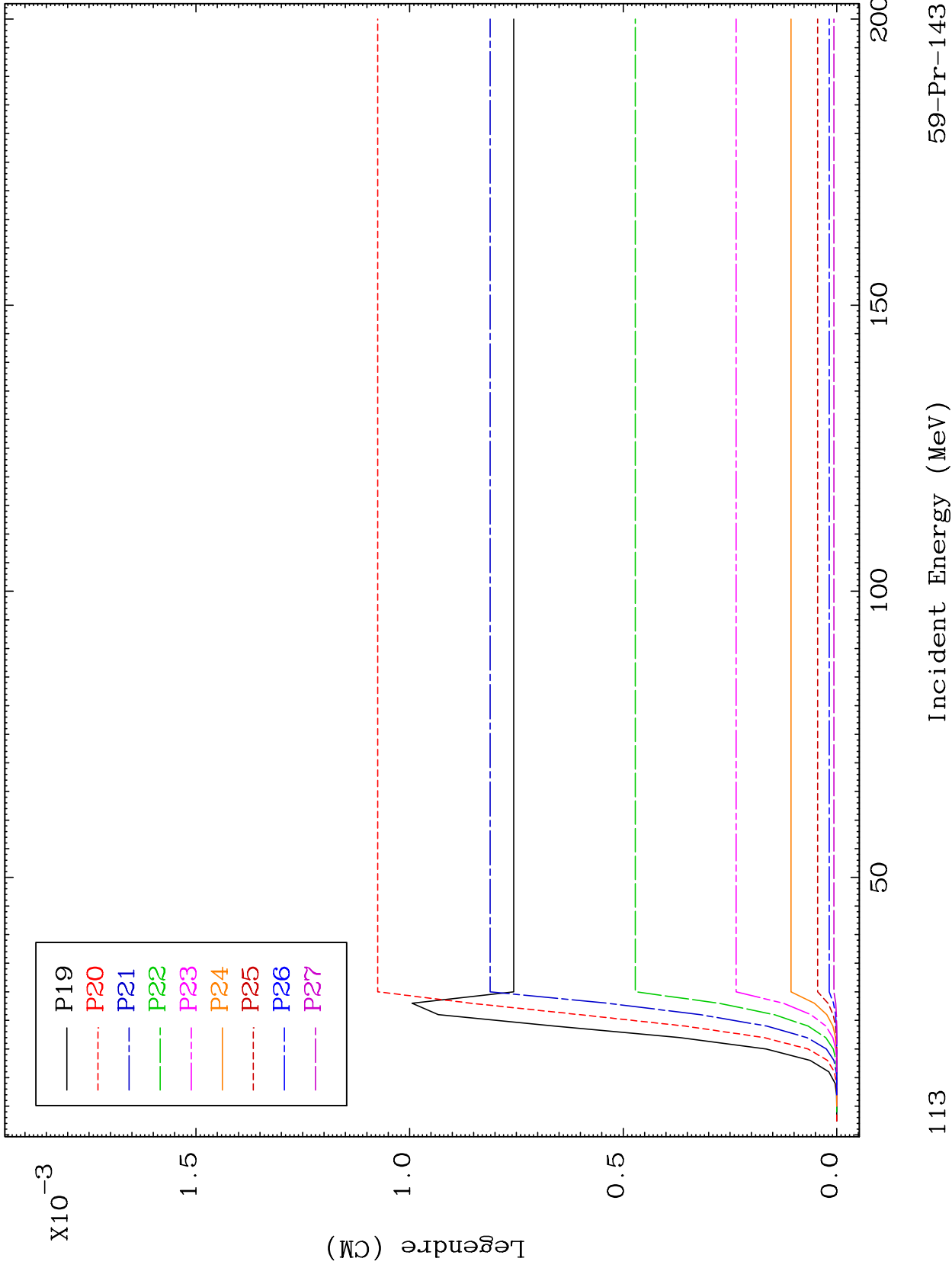
59-Pr-143

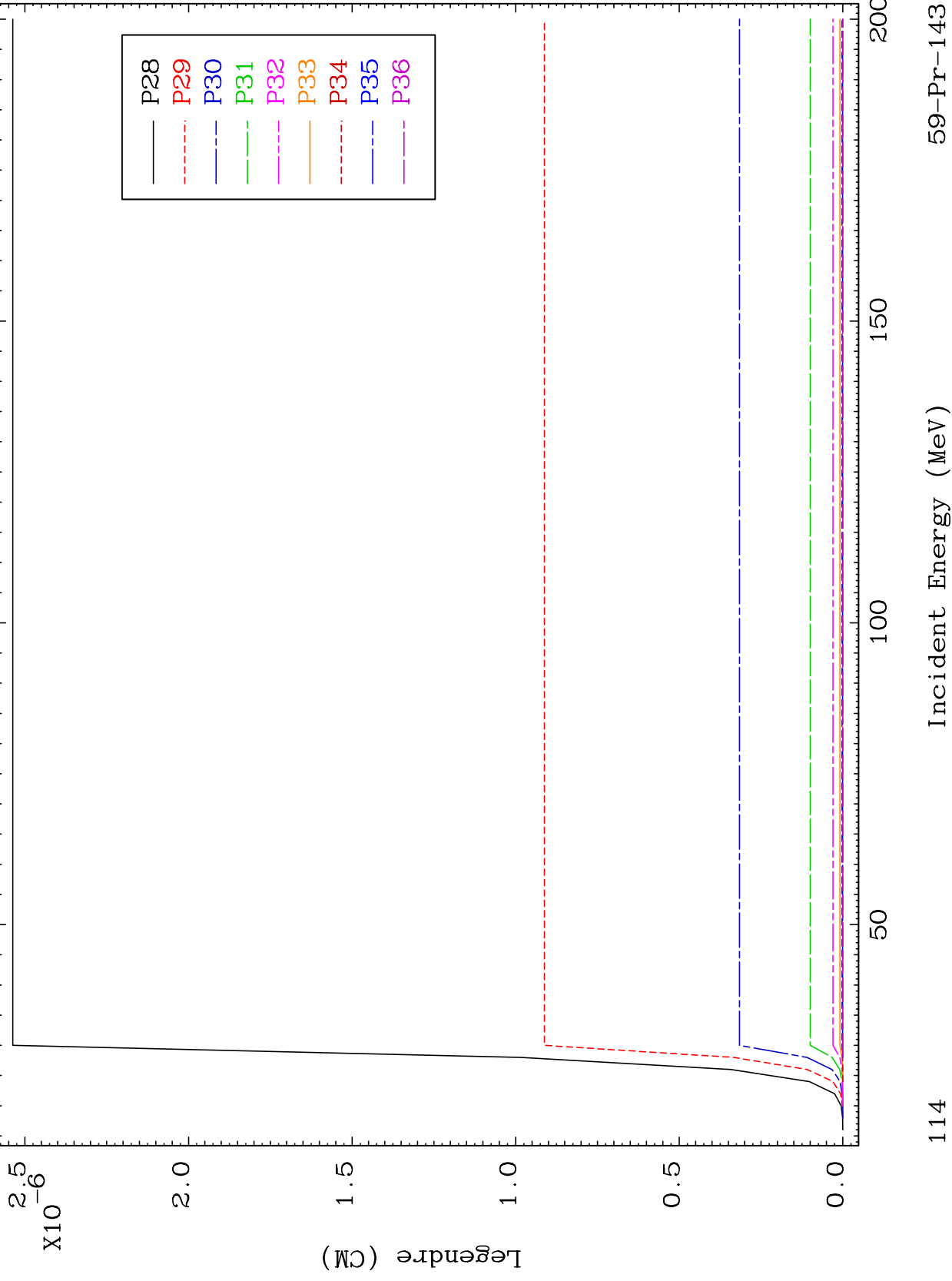


112

Incident Energy (MeV)

59-Pr-143

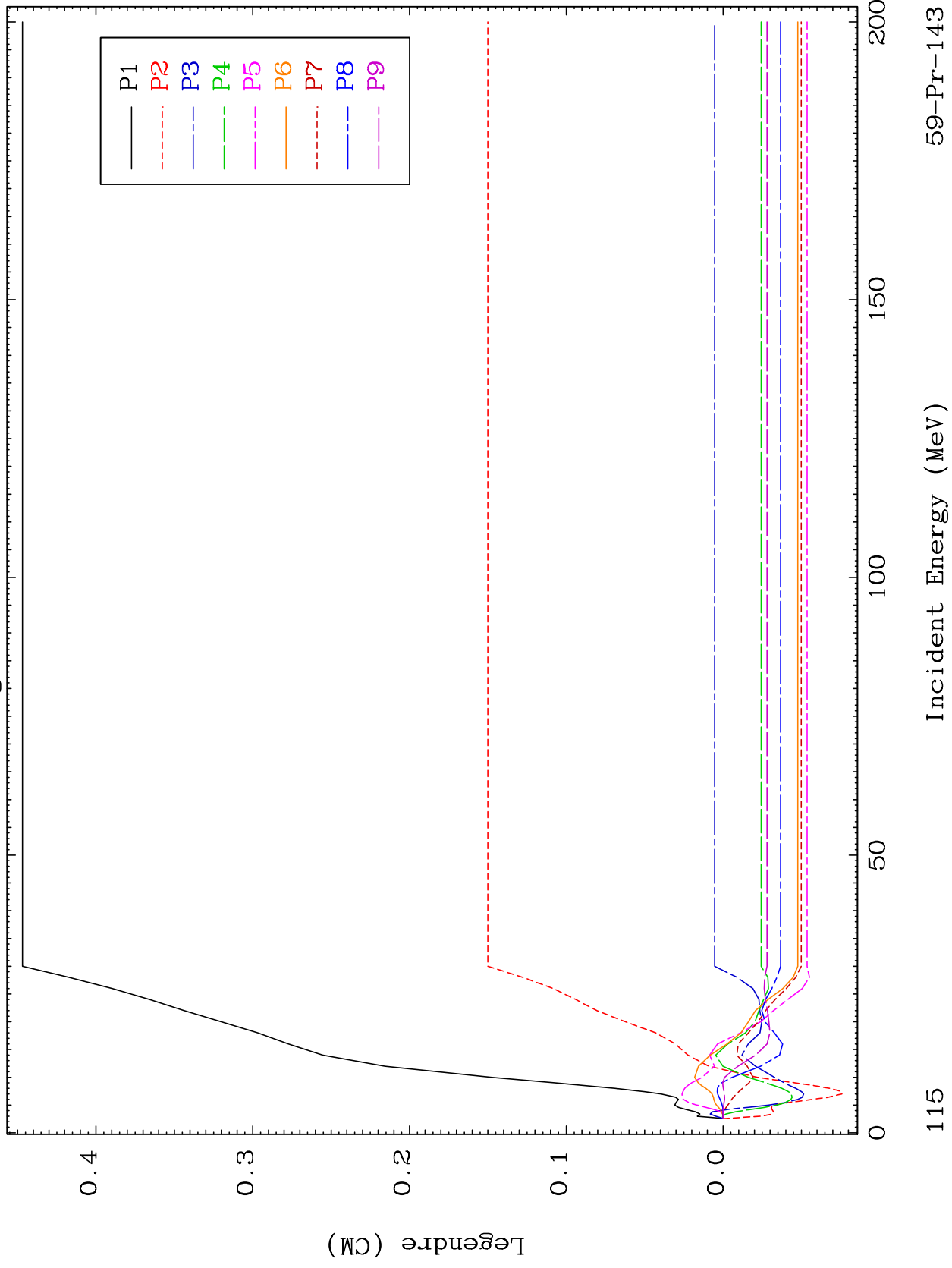




MAT 5931

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

59-Pr-143



59-Pr-143

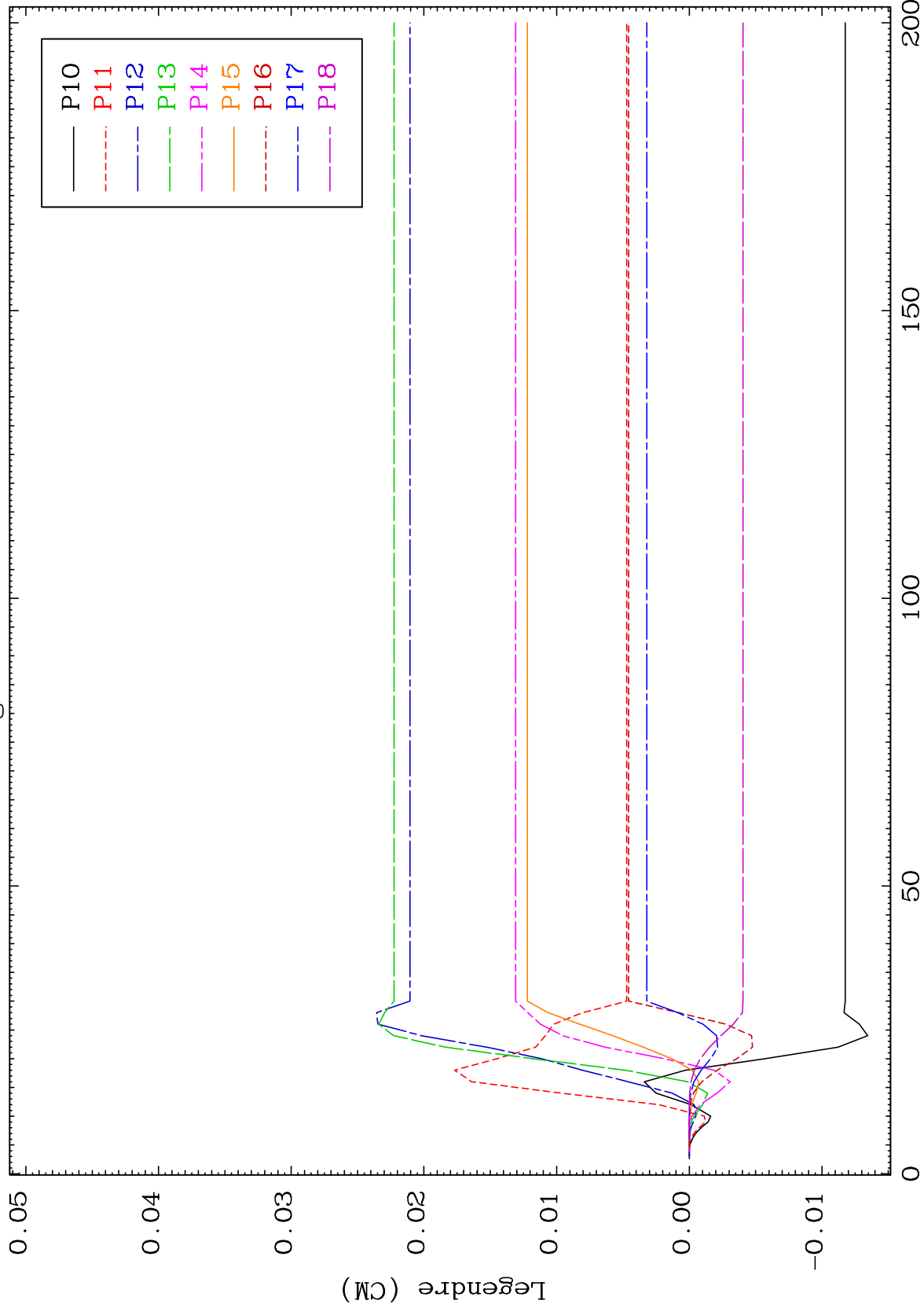
Incident Energy (MeV)

115

MAT 5931

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

59-Pr-143



116

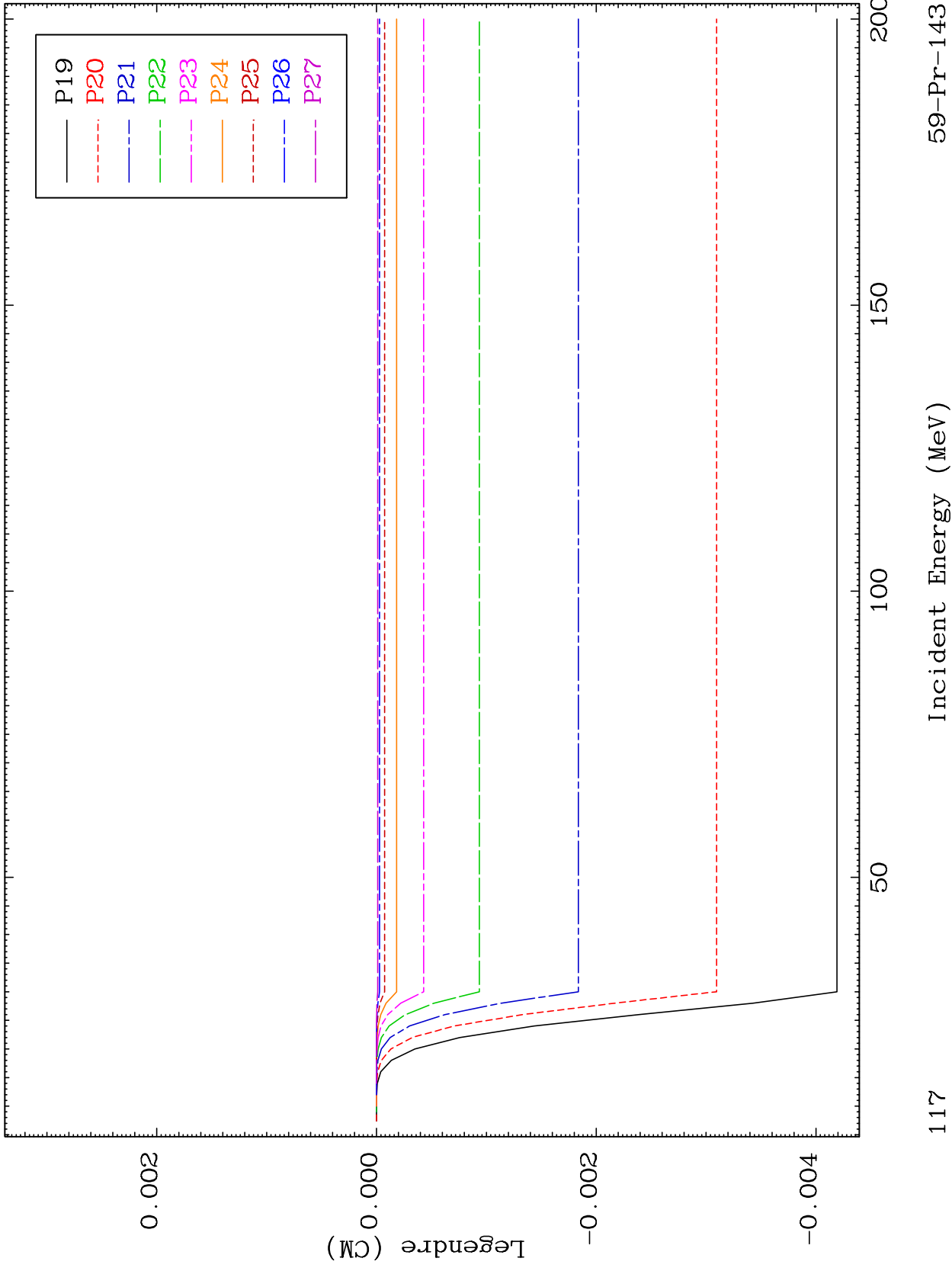
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

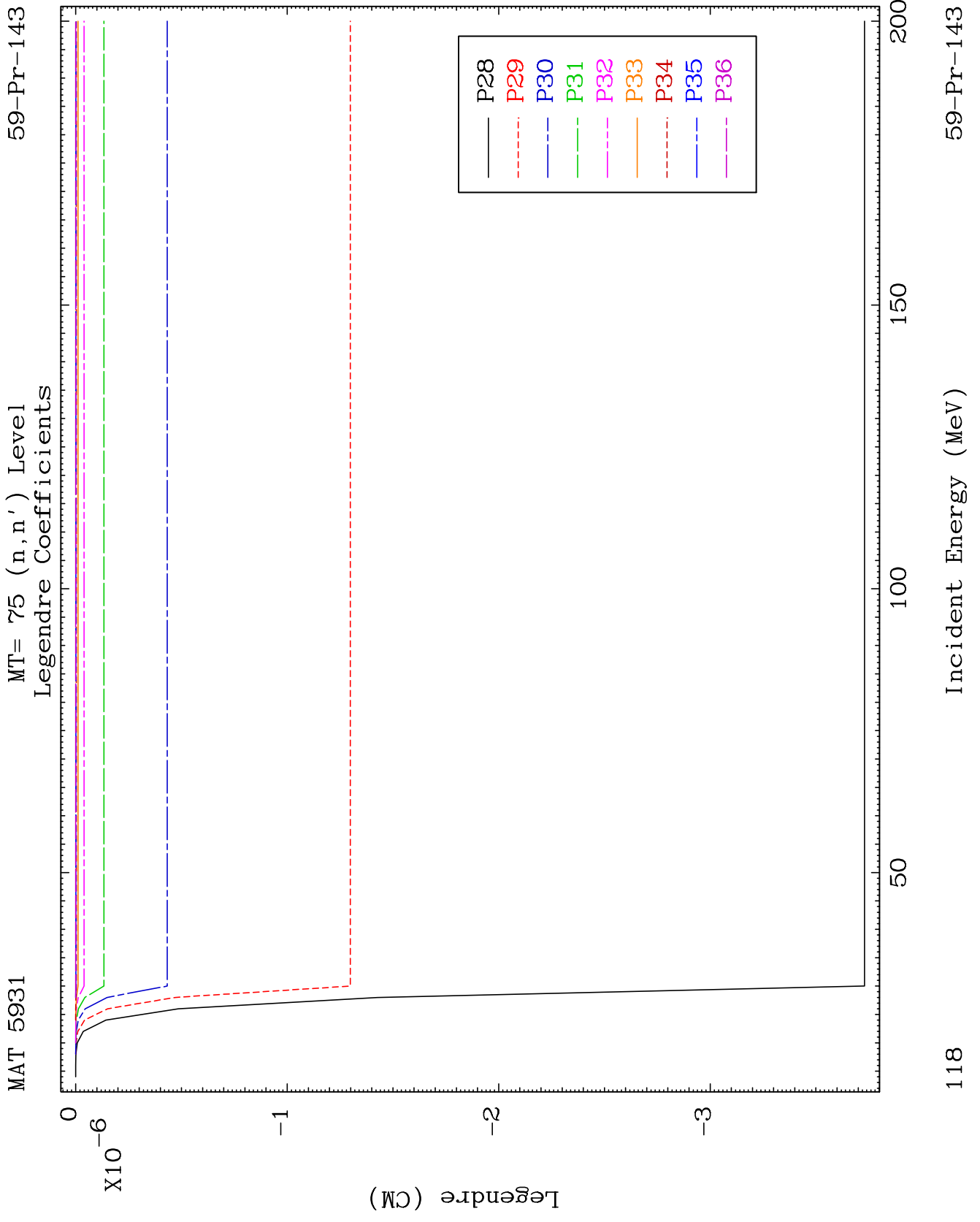
59-Pr-143



117

Incident Energy (MeV)

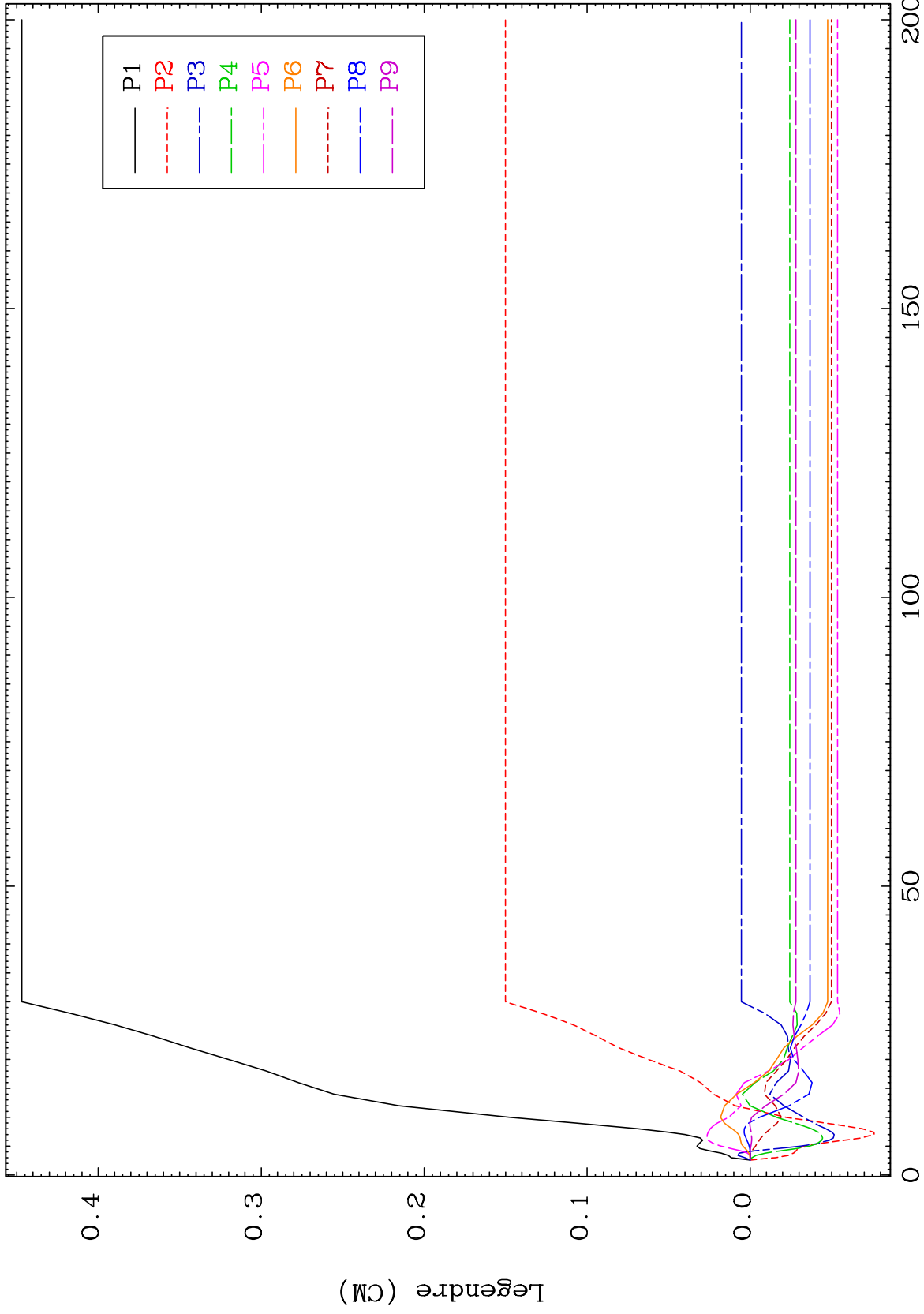
59-Pr-143



MAT 5931

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

59-Pr-143



119

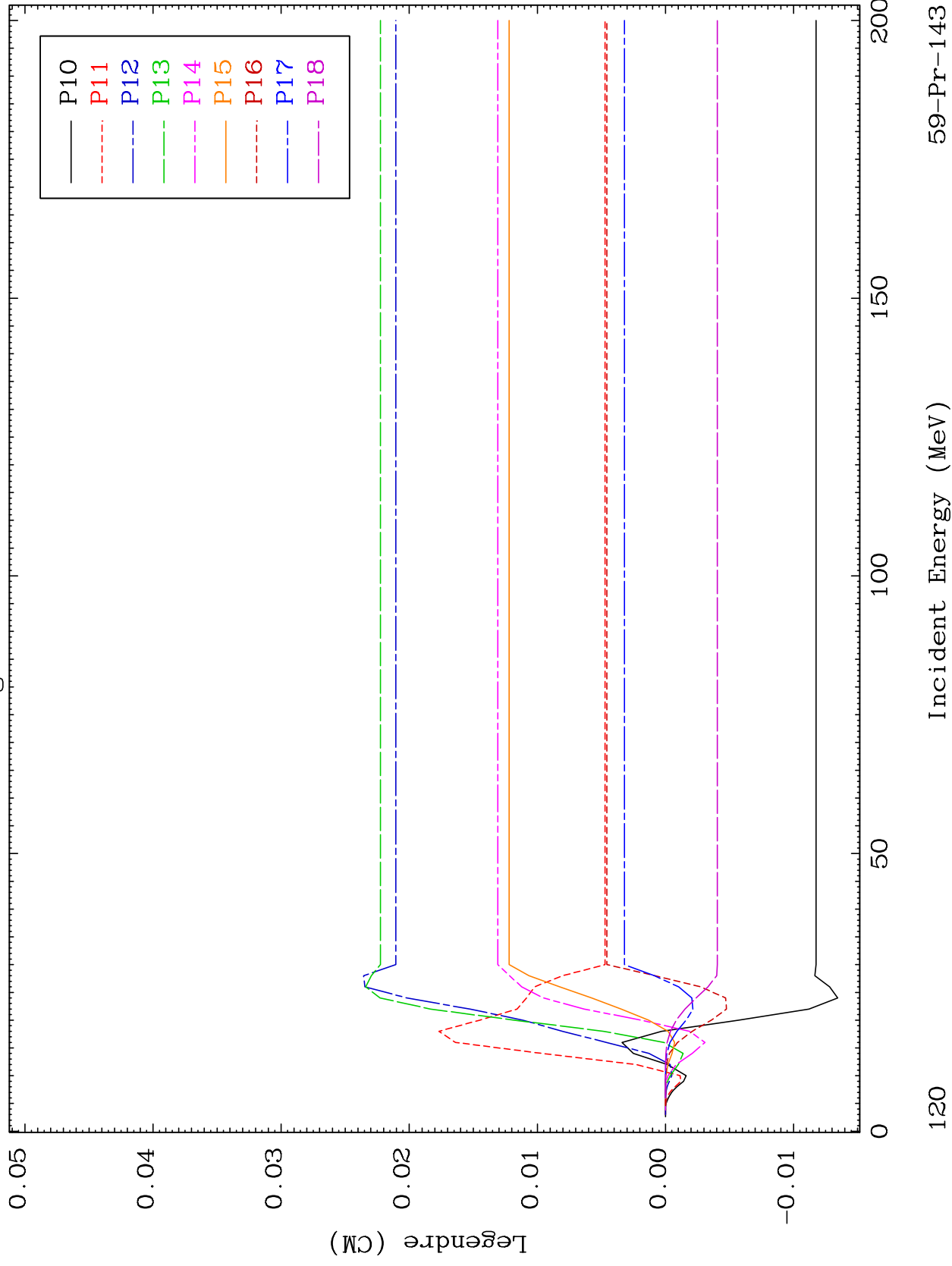
Incident Energy (MeV)

59-Pr-143

MAT 5931

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

59-Pr-143



59-Pr-143

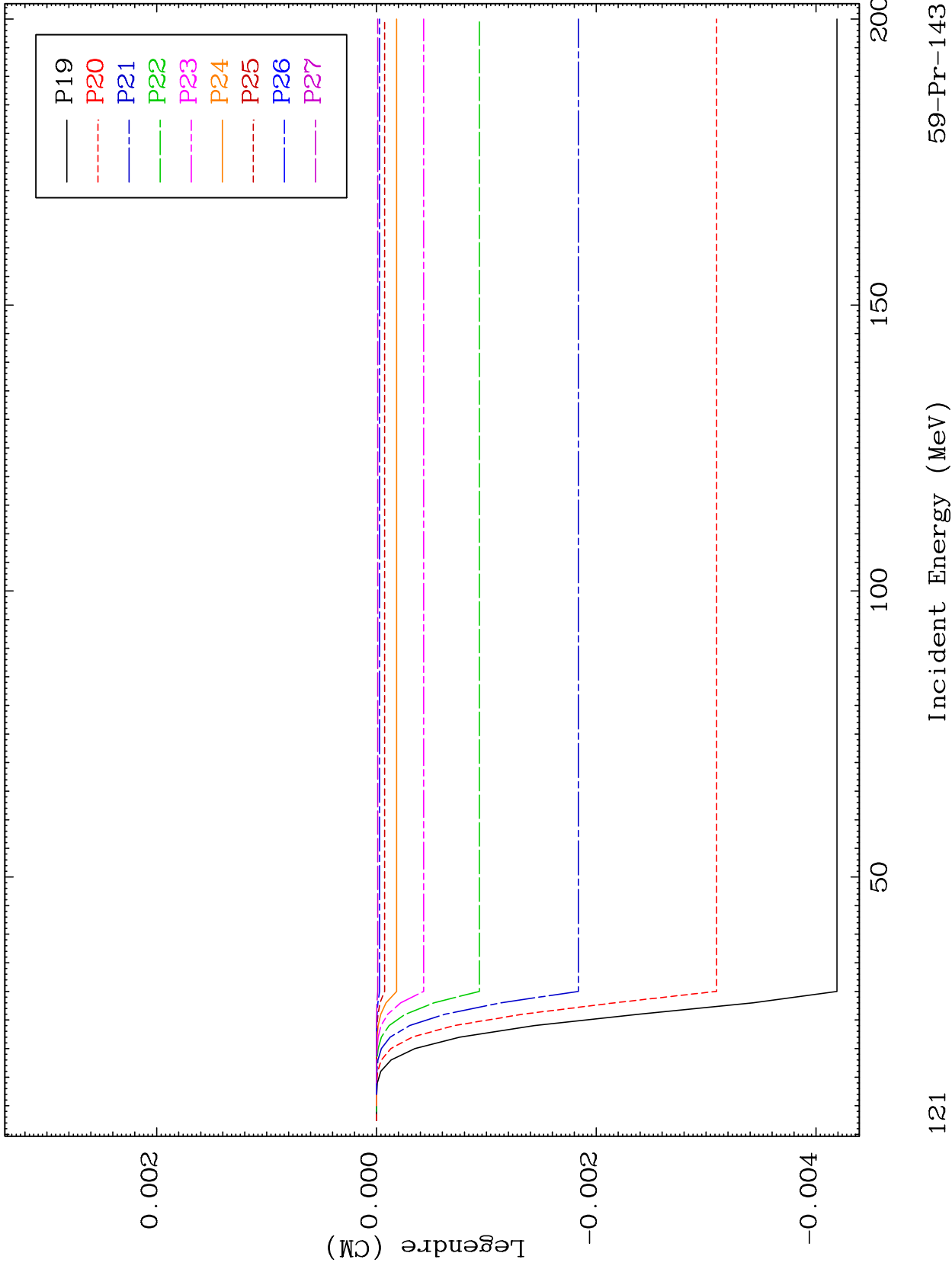
Incident Energy (MeV)

120

MAT 5931

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

59-Pr-143



121

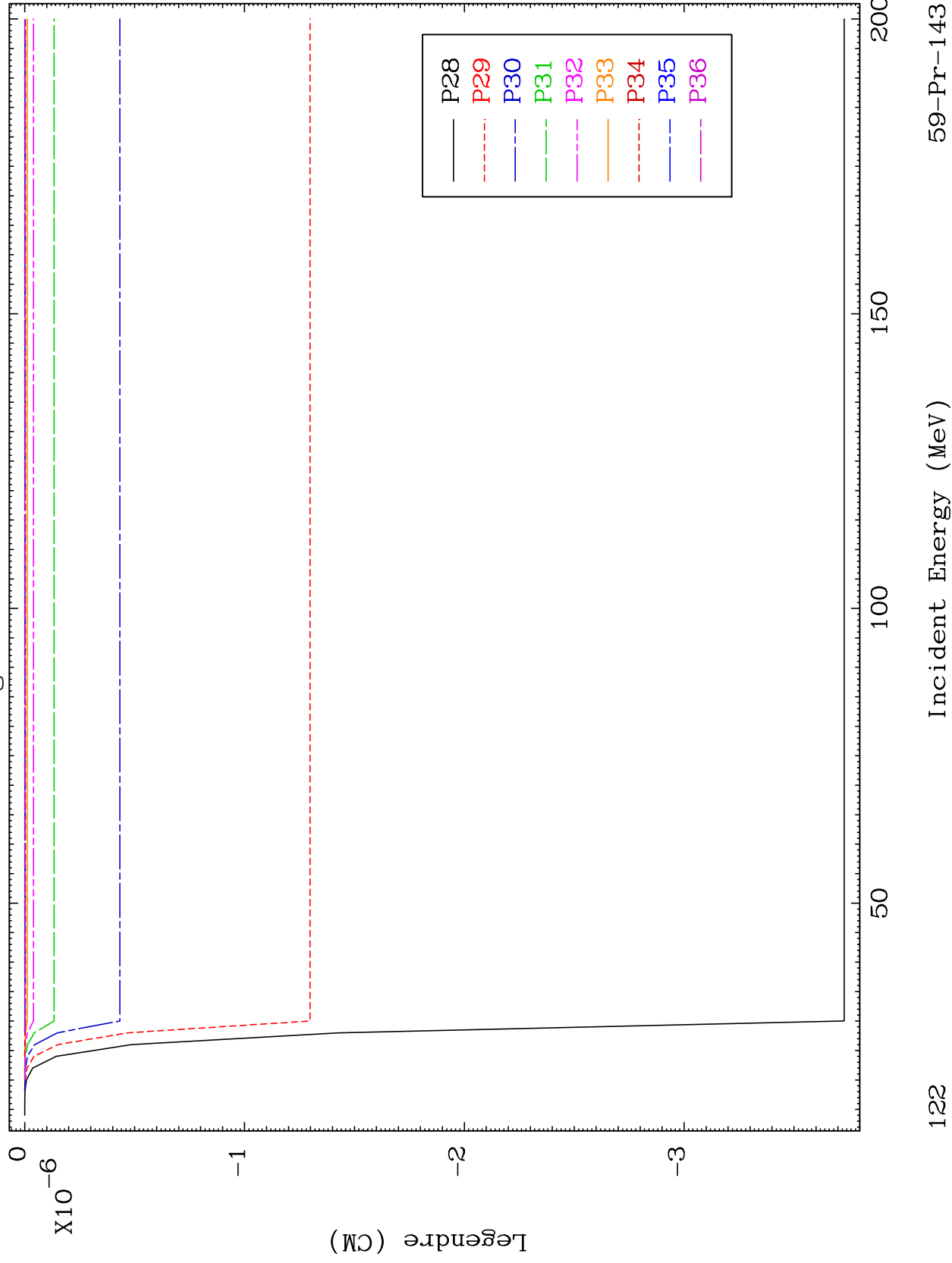
Incident Energy (MeV)

59-Pr-143

MAT 5931

59-Pr-143

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



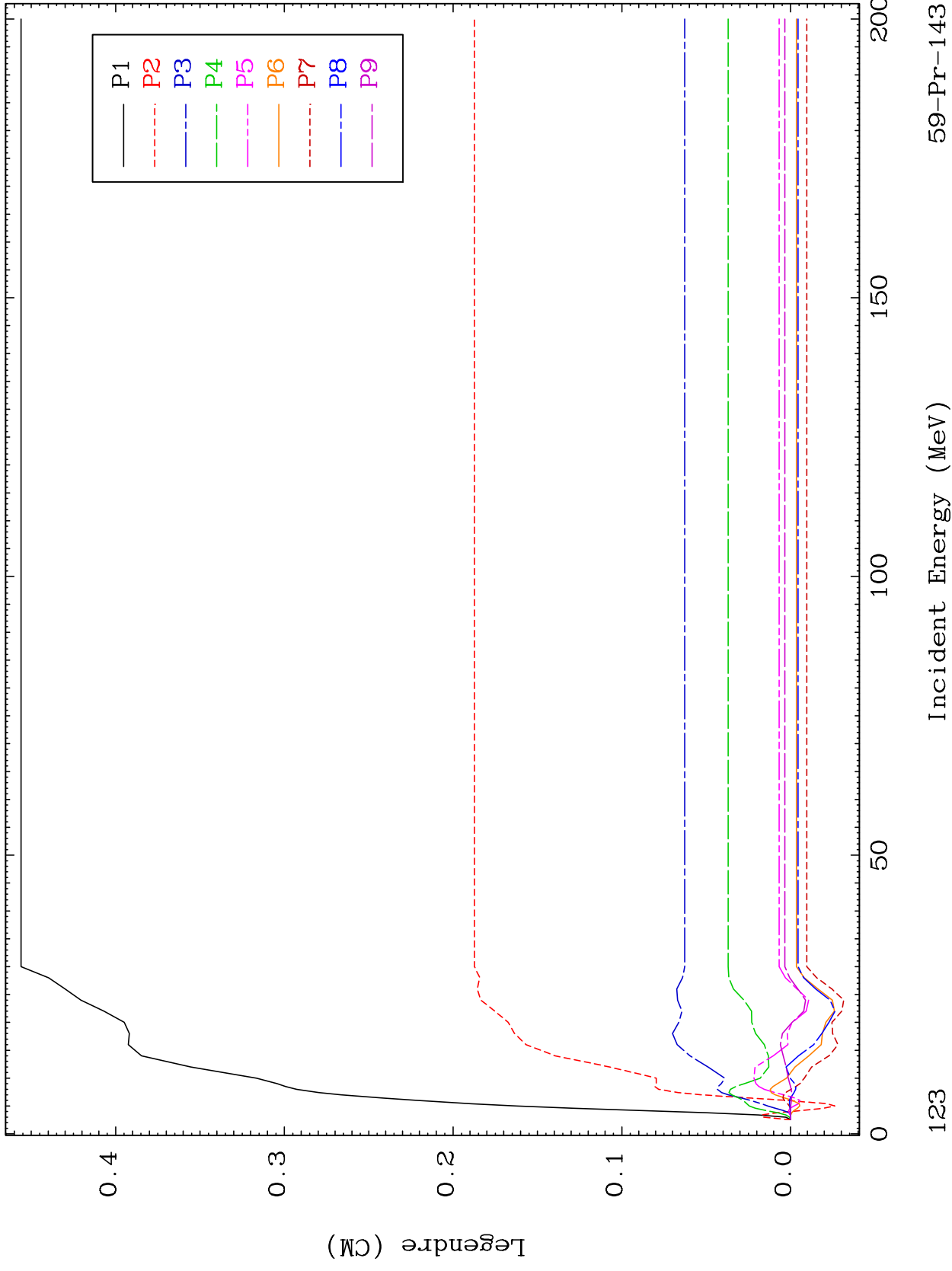
122

59-Pr-143

MAT 5931

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

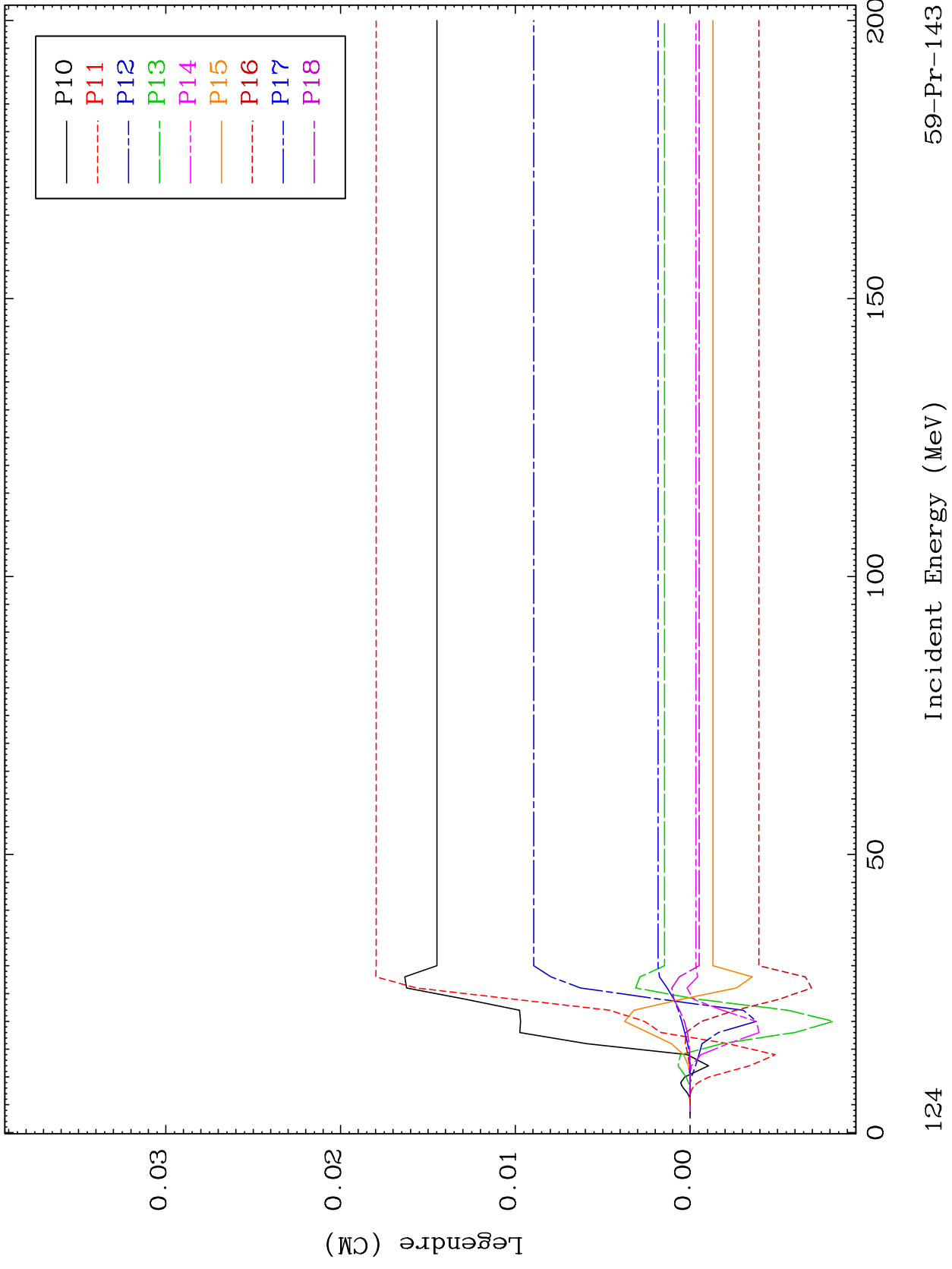
59-Pr-143



MAT 5931

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

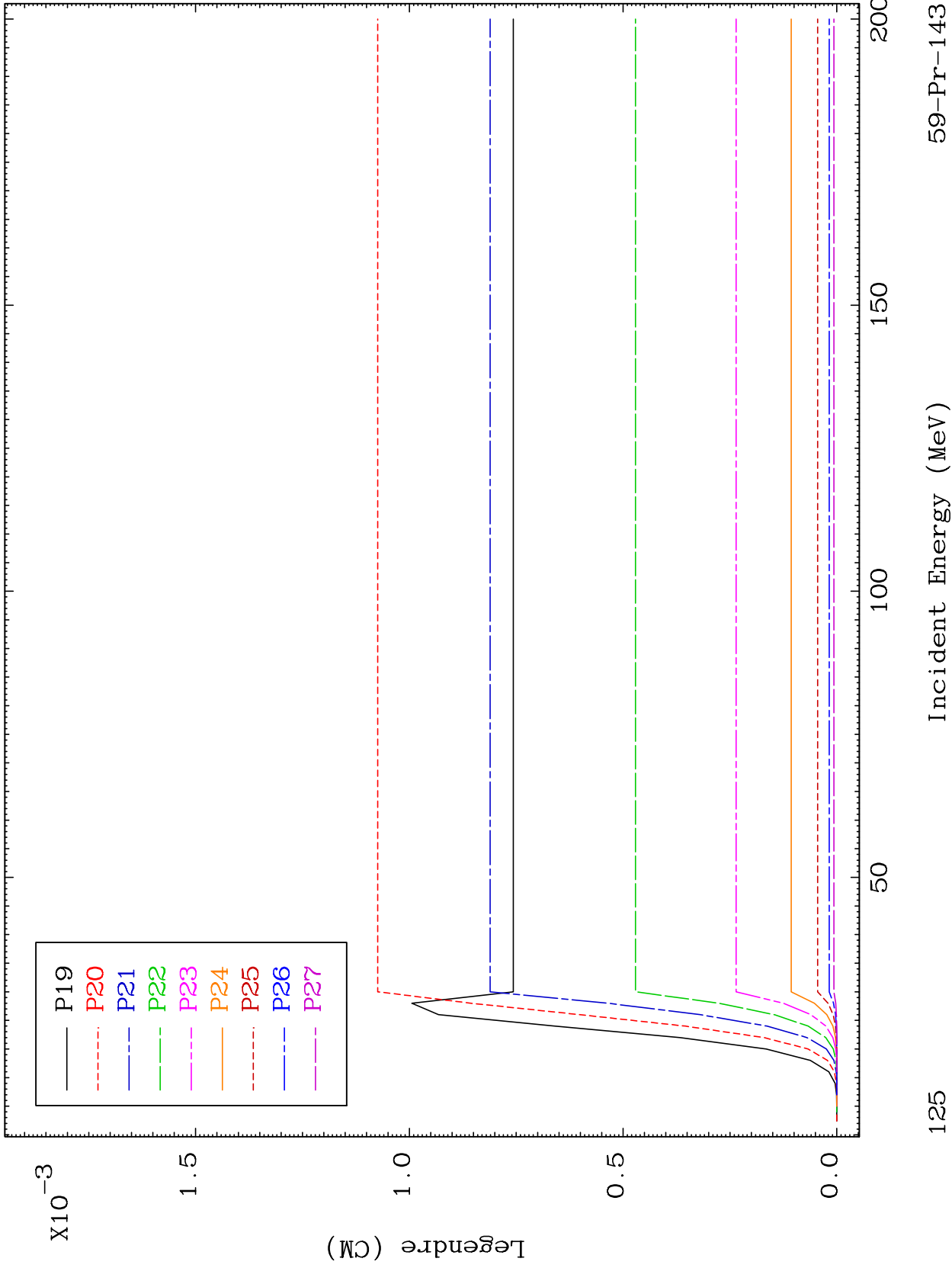
59-Pr-143

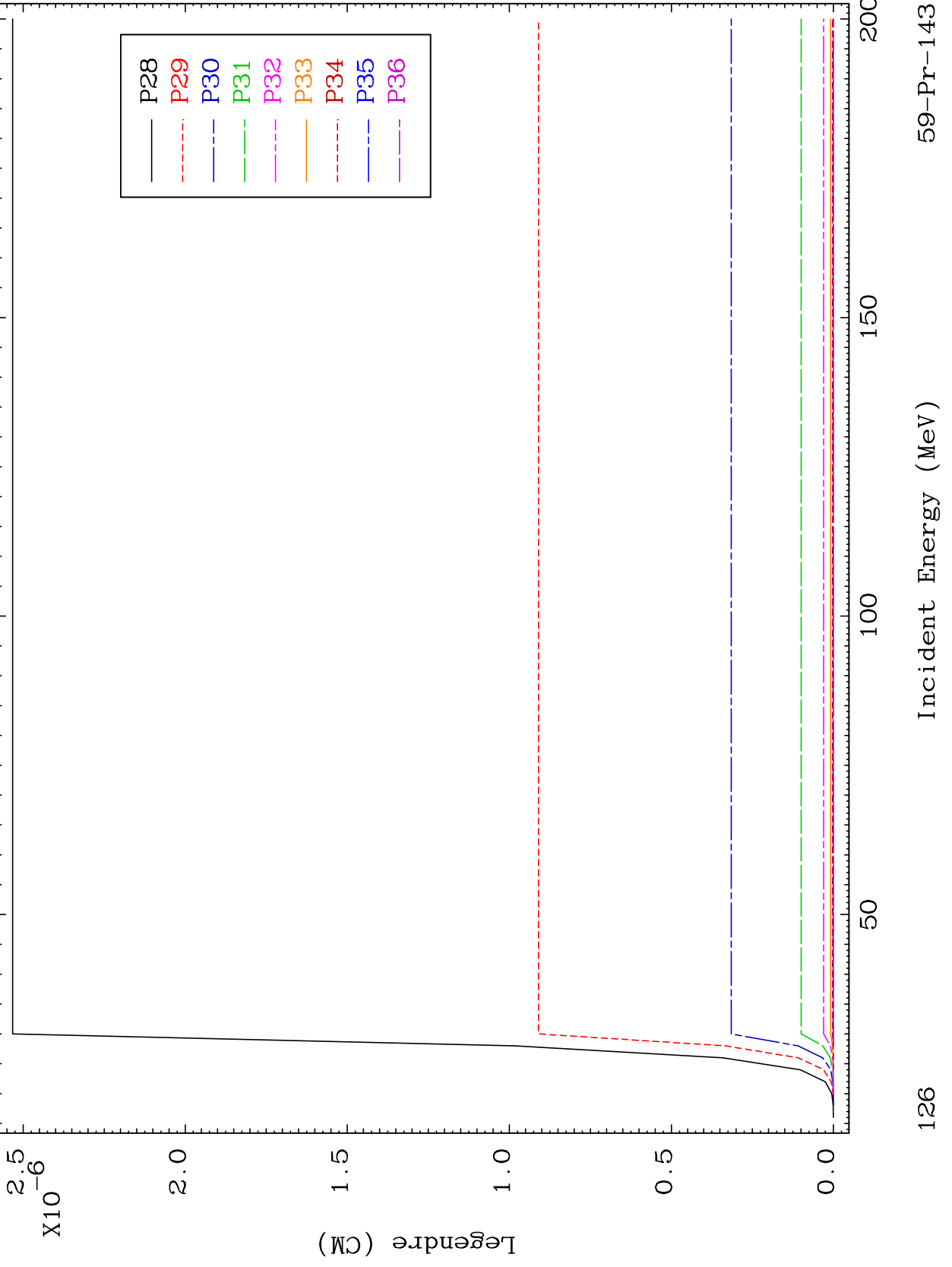


124

Incident Energy (MeV)

59-Pr-143

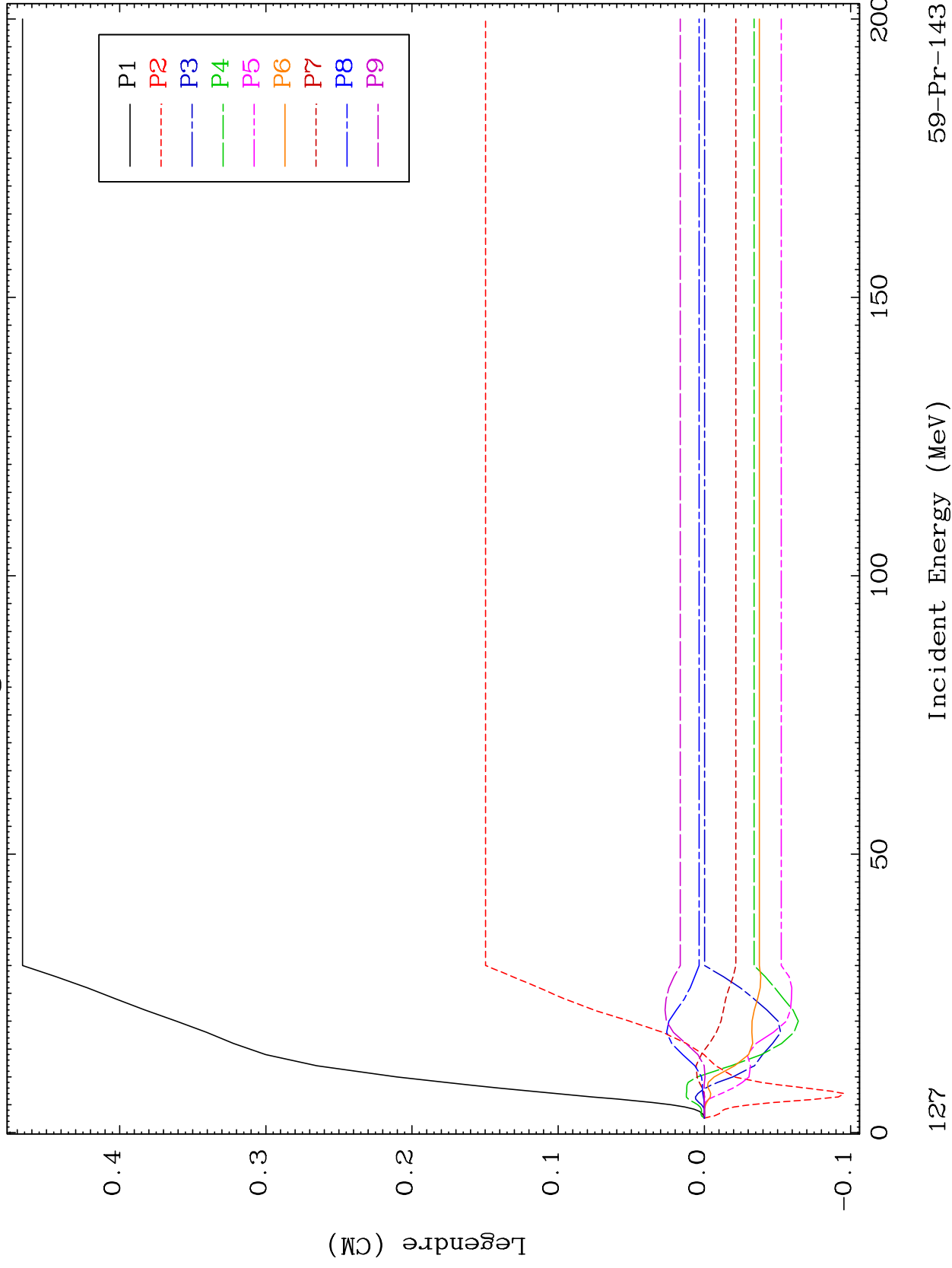




MAT 5931

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

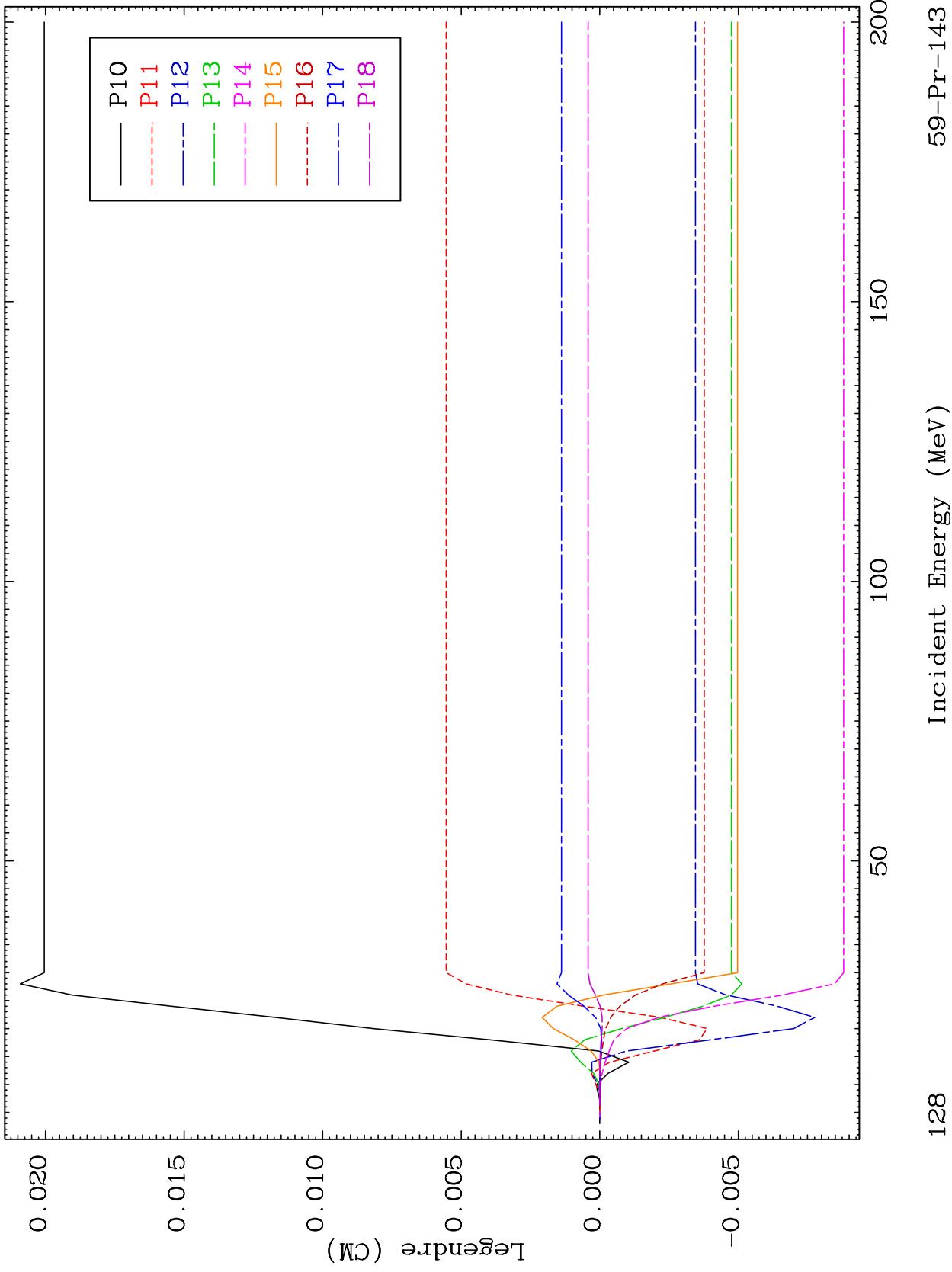
59-Pr-143

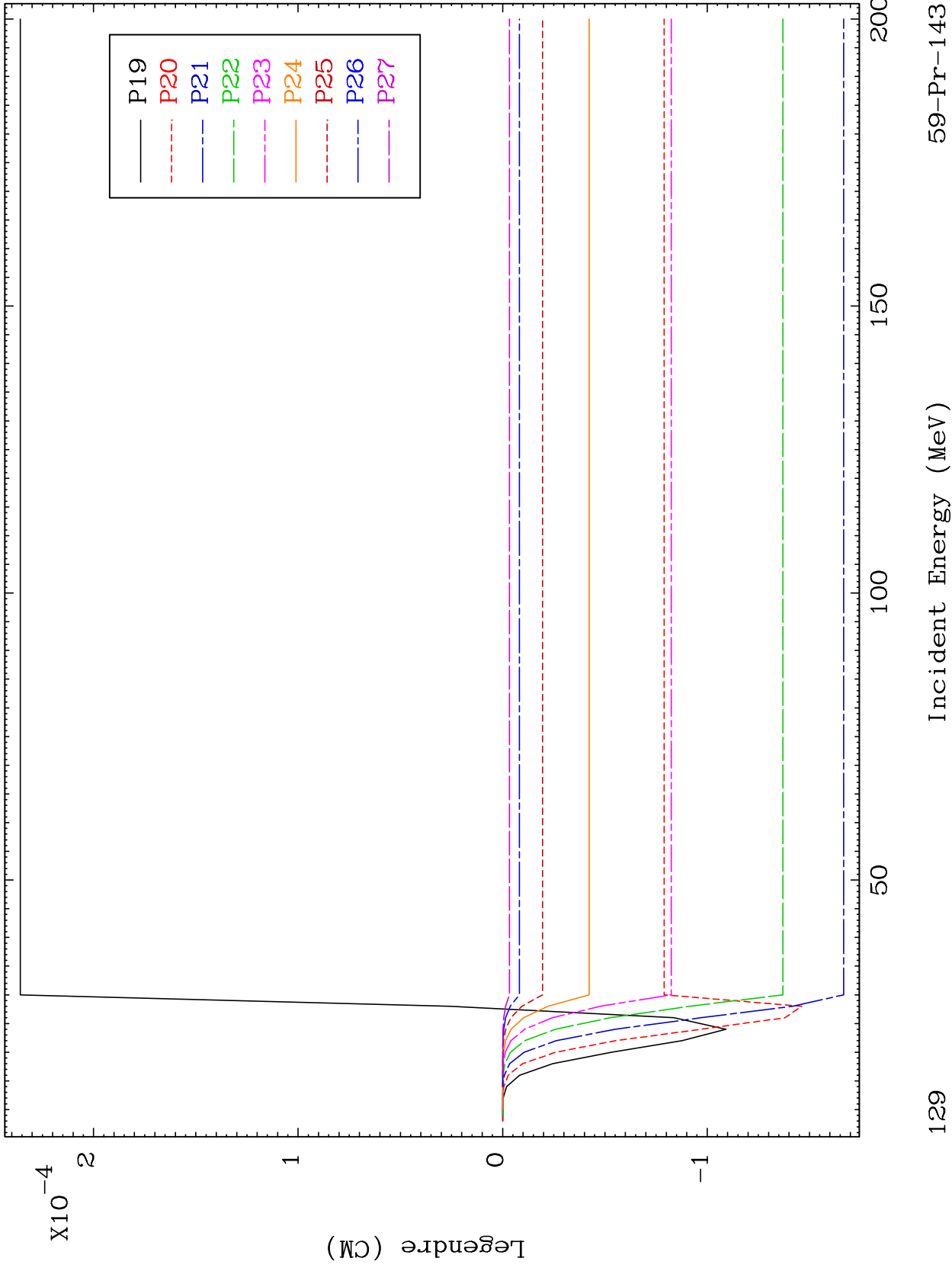


59-Pr-143

Incident Energy (MeV)

127

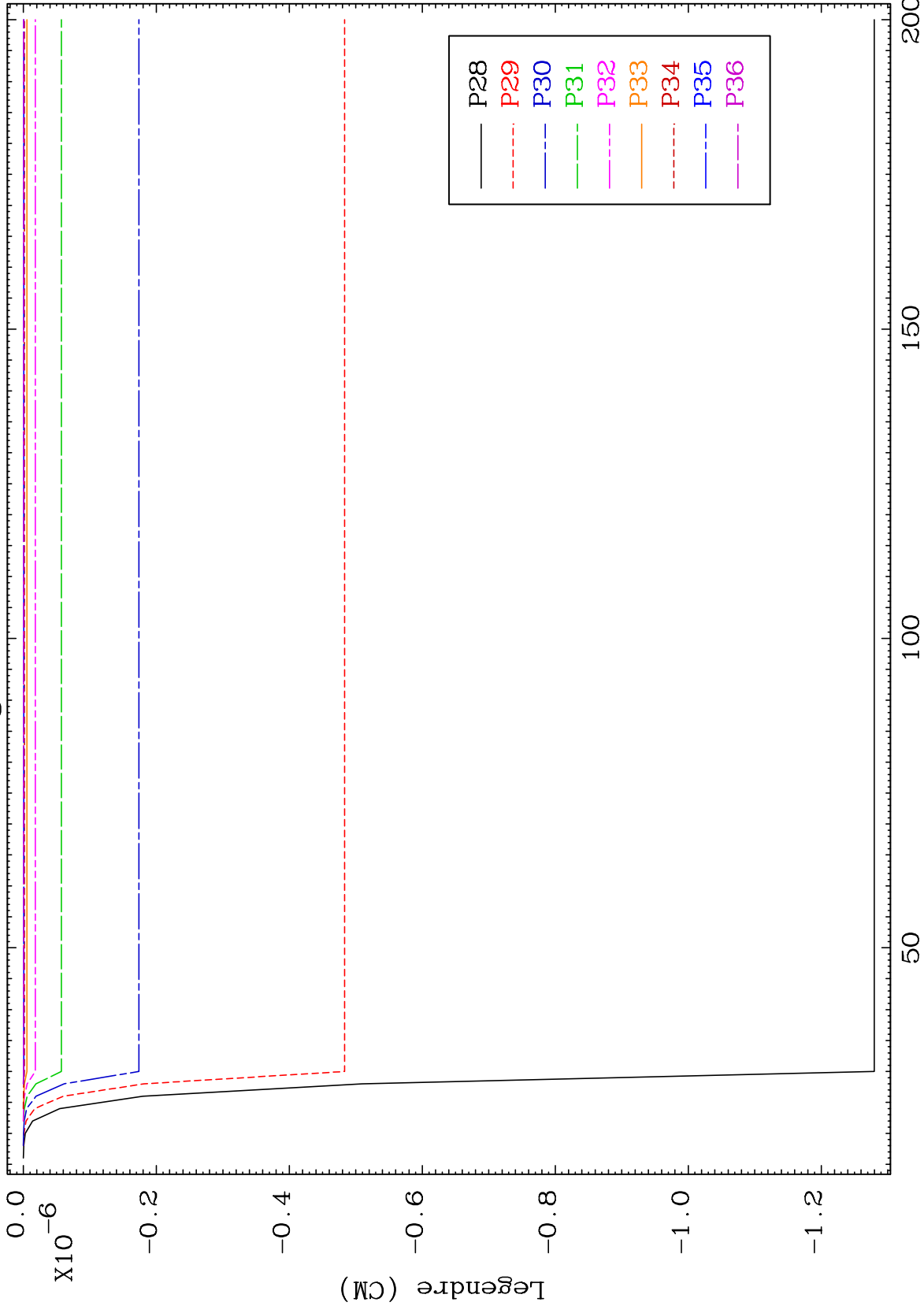




MAT 5931

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

59-Pr-143



130

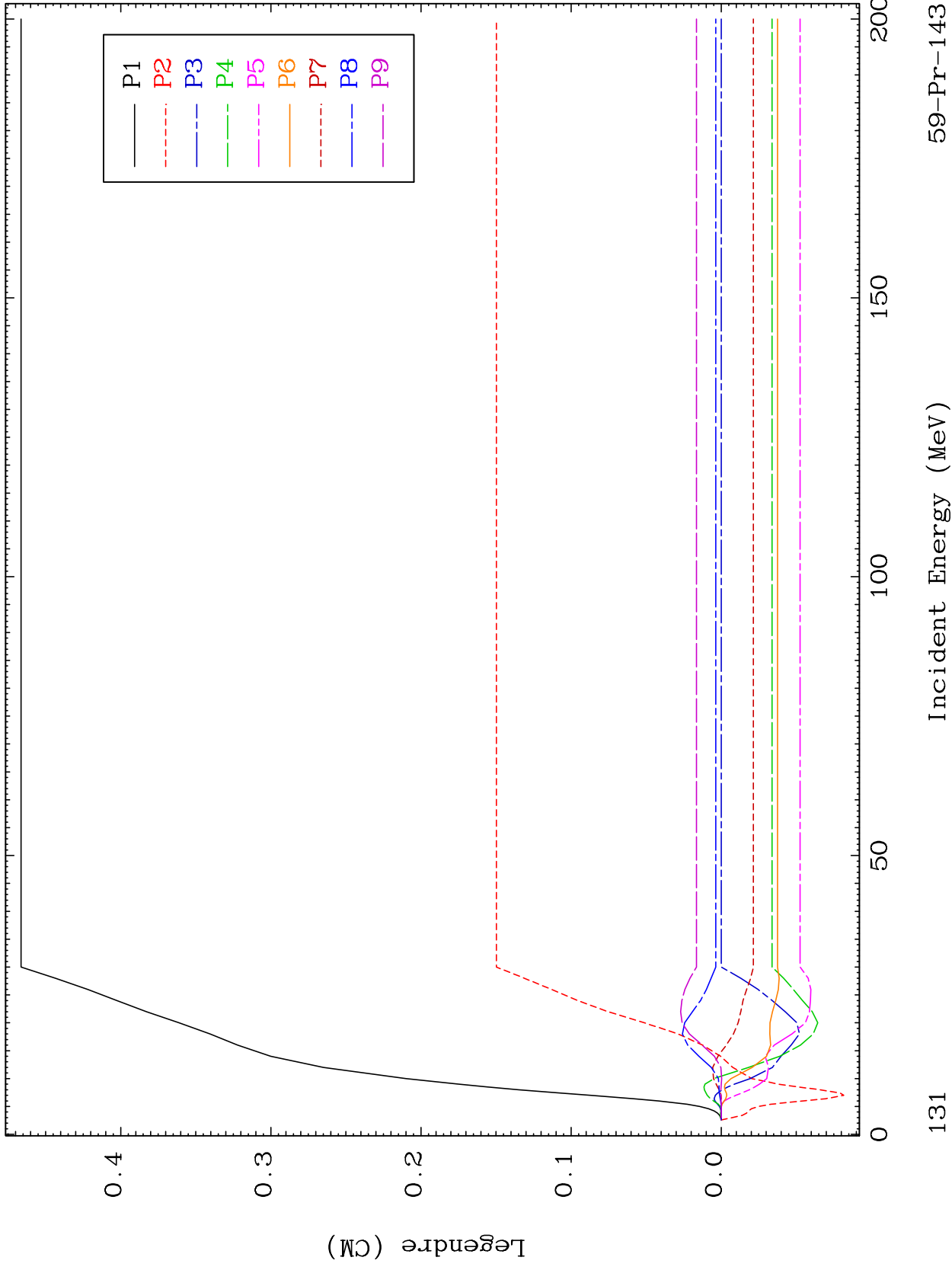
Incident Energy (MeV)

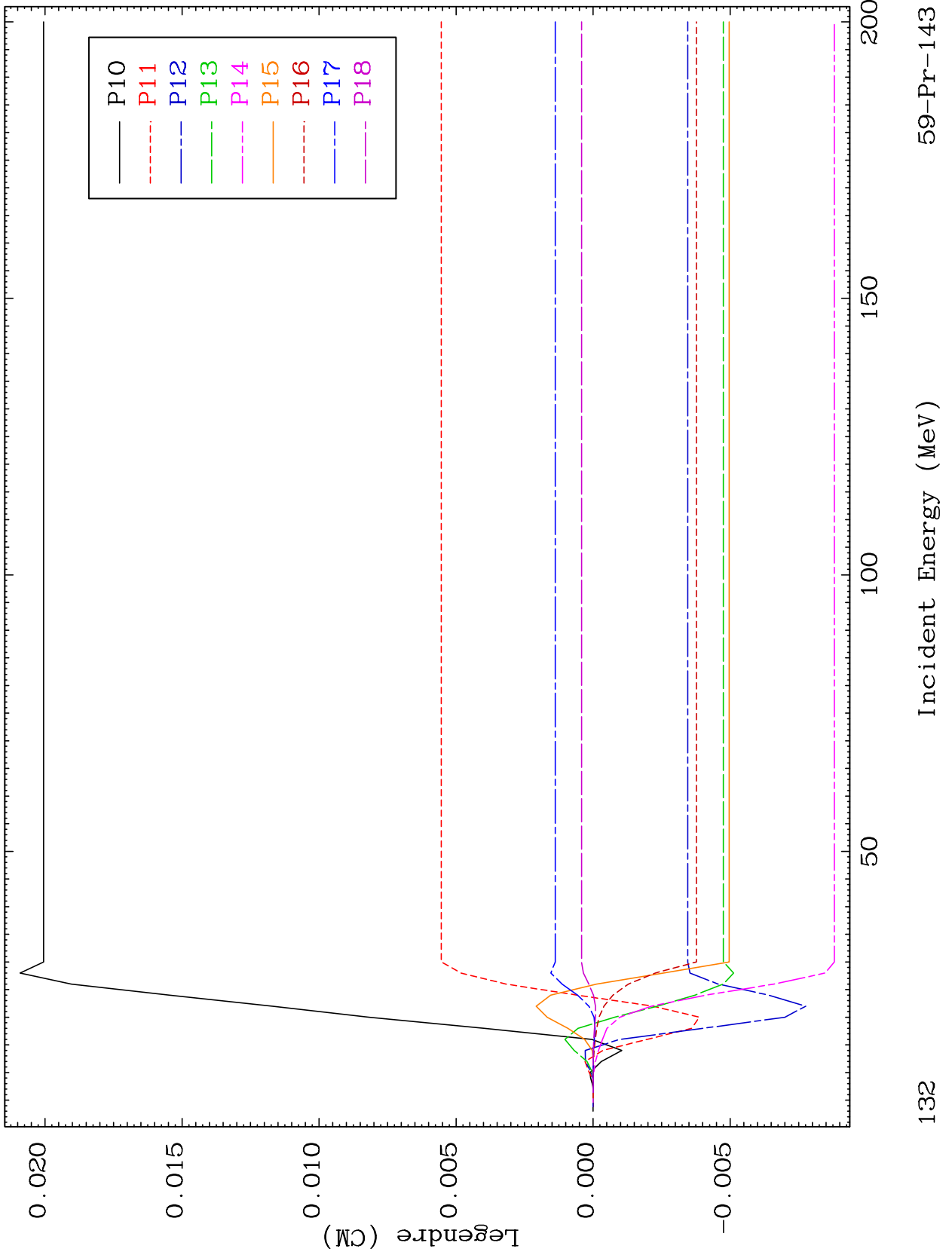
59-Pr-143

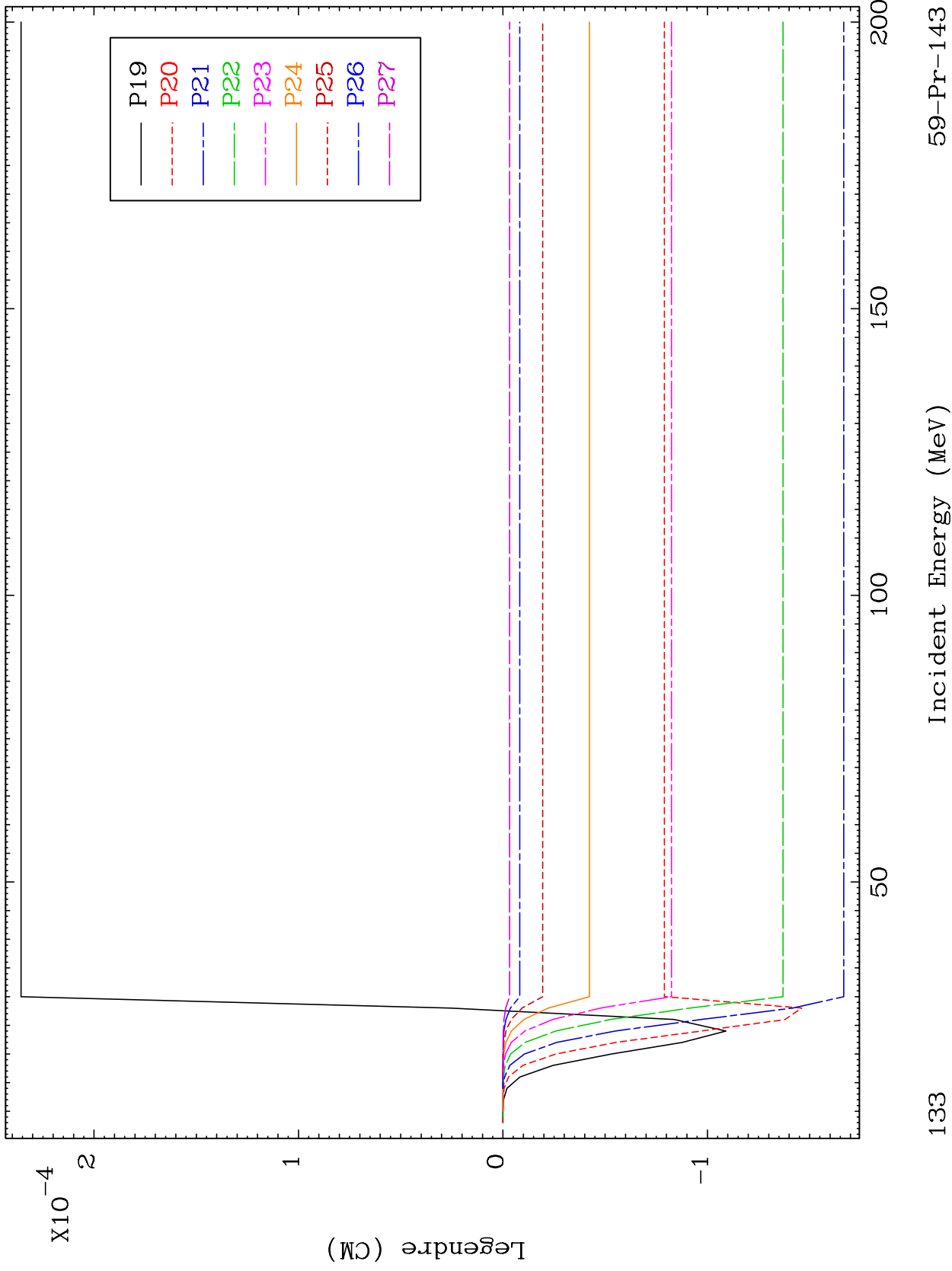
MAT 5931

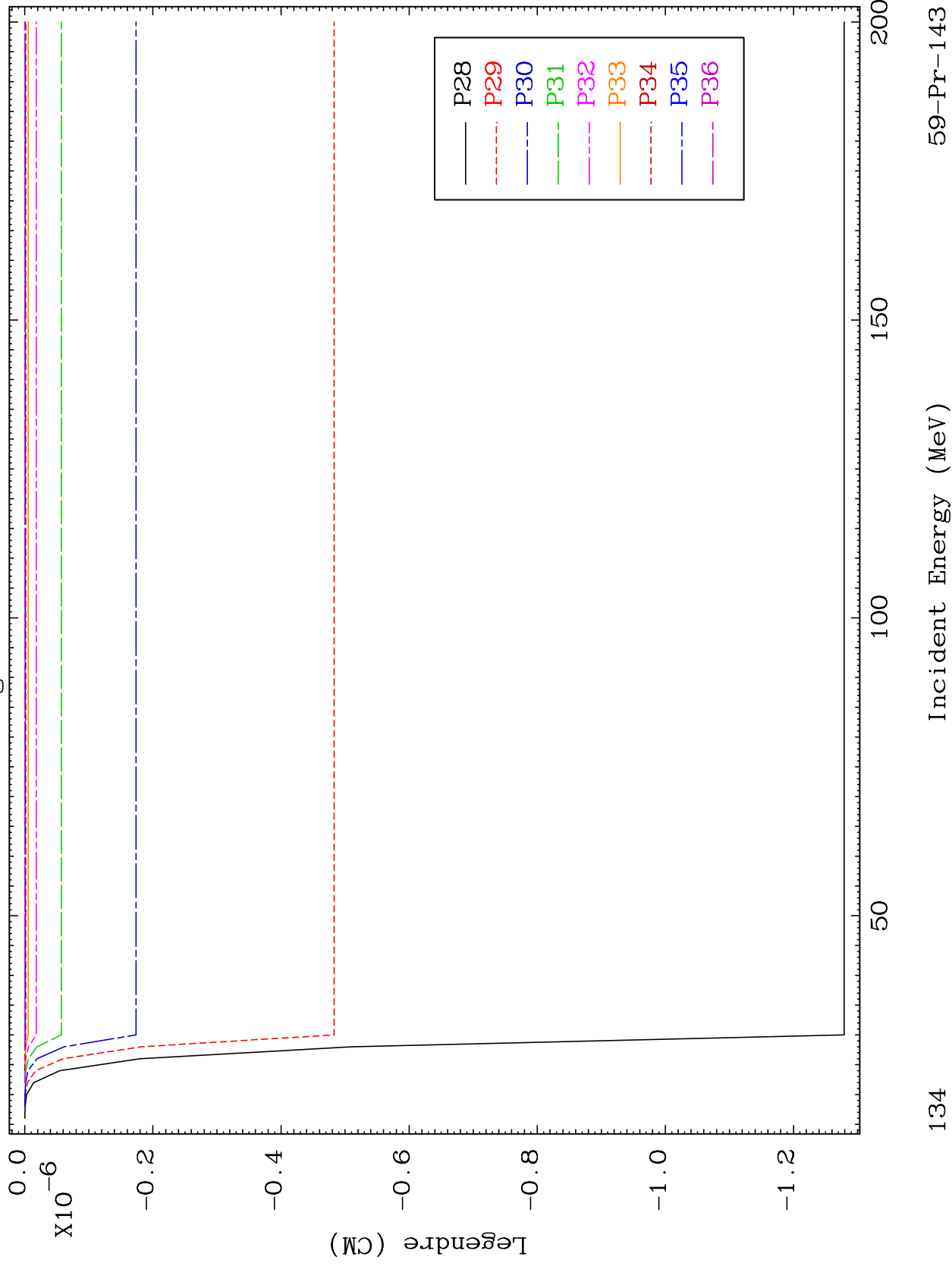
MT= 79 (n,n') Level
Legendre Coefficients

59-Pr-143





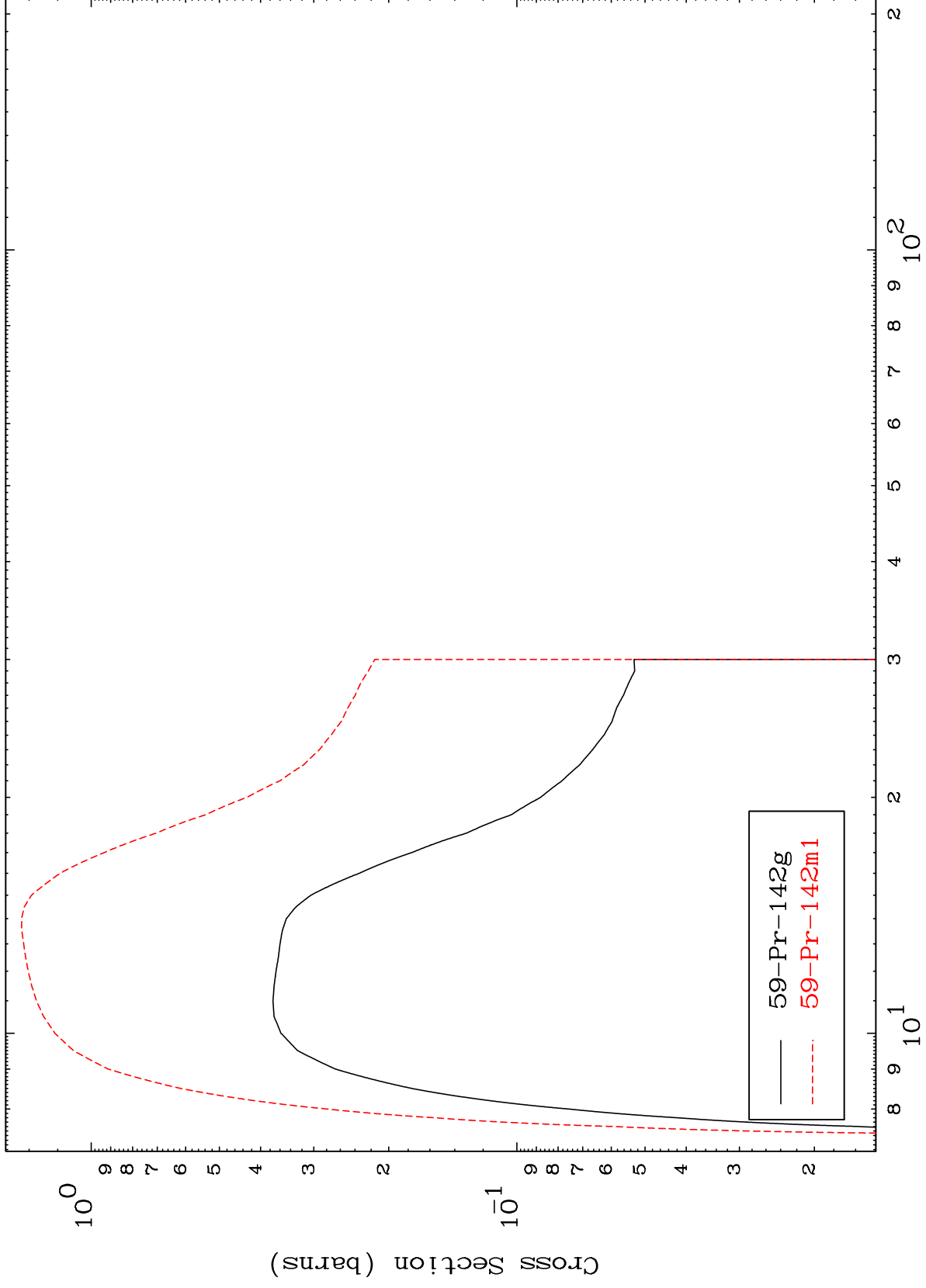




MAT 5931

59-Pr-143

(n,2n)
Radionuclide Production Cross Section



— 59-Pr-142g
- - - 59-Pr-142m1

135

Incident Energy (MeV)

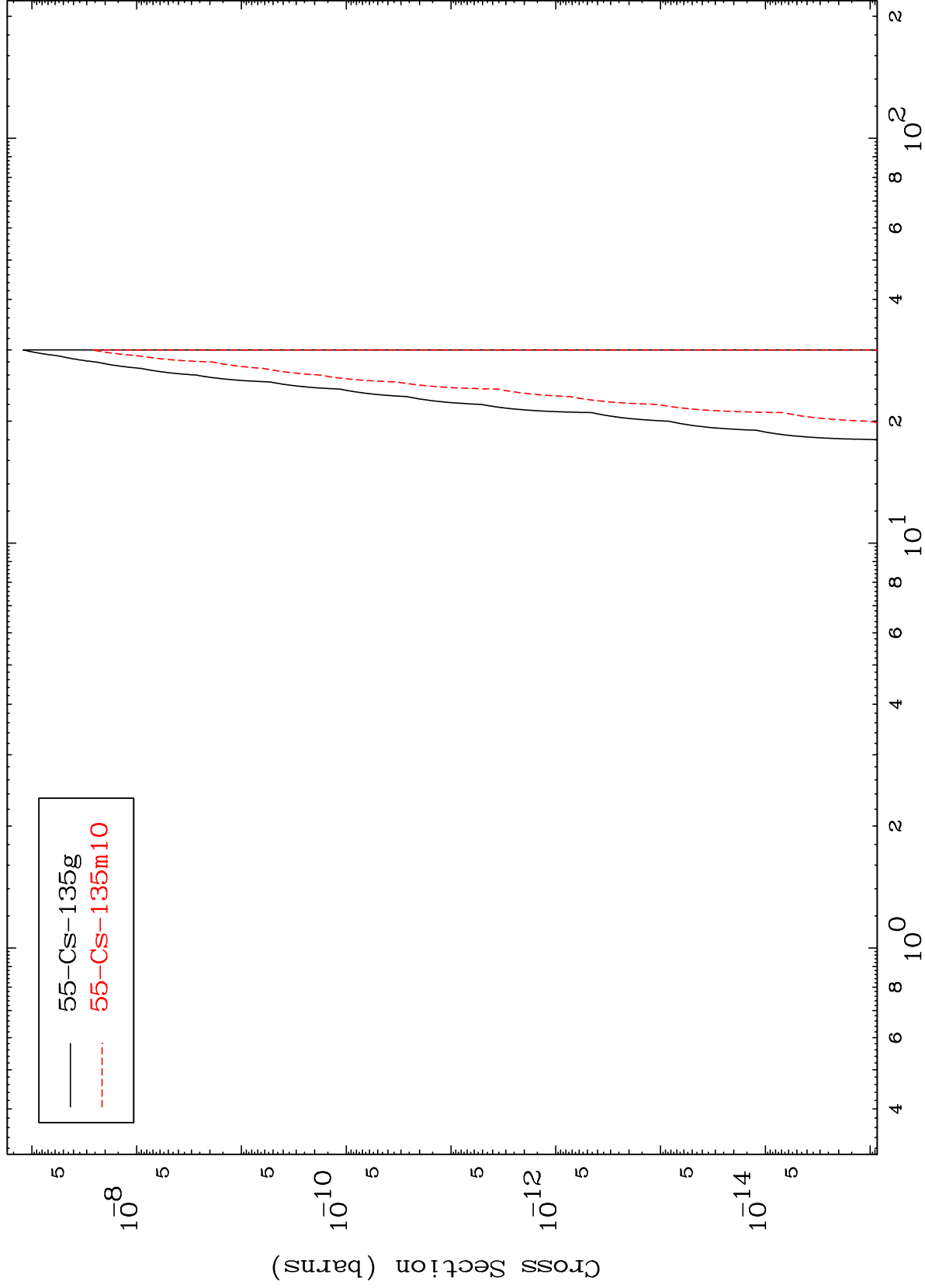
59-Pr-143

MAT 5931

(n,n') 2α

59-Pr-143

Radionuclide Production Cross Section



136

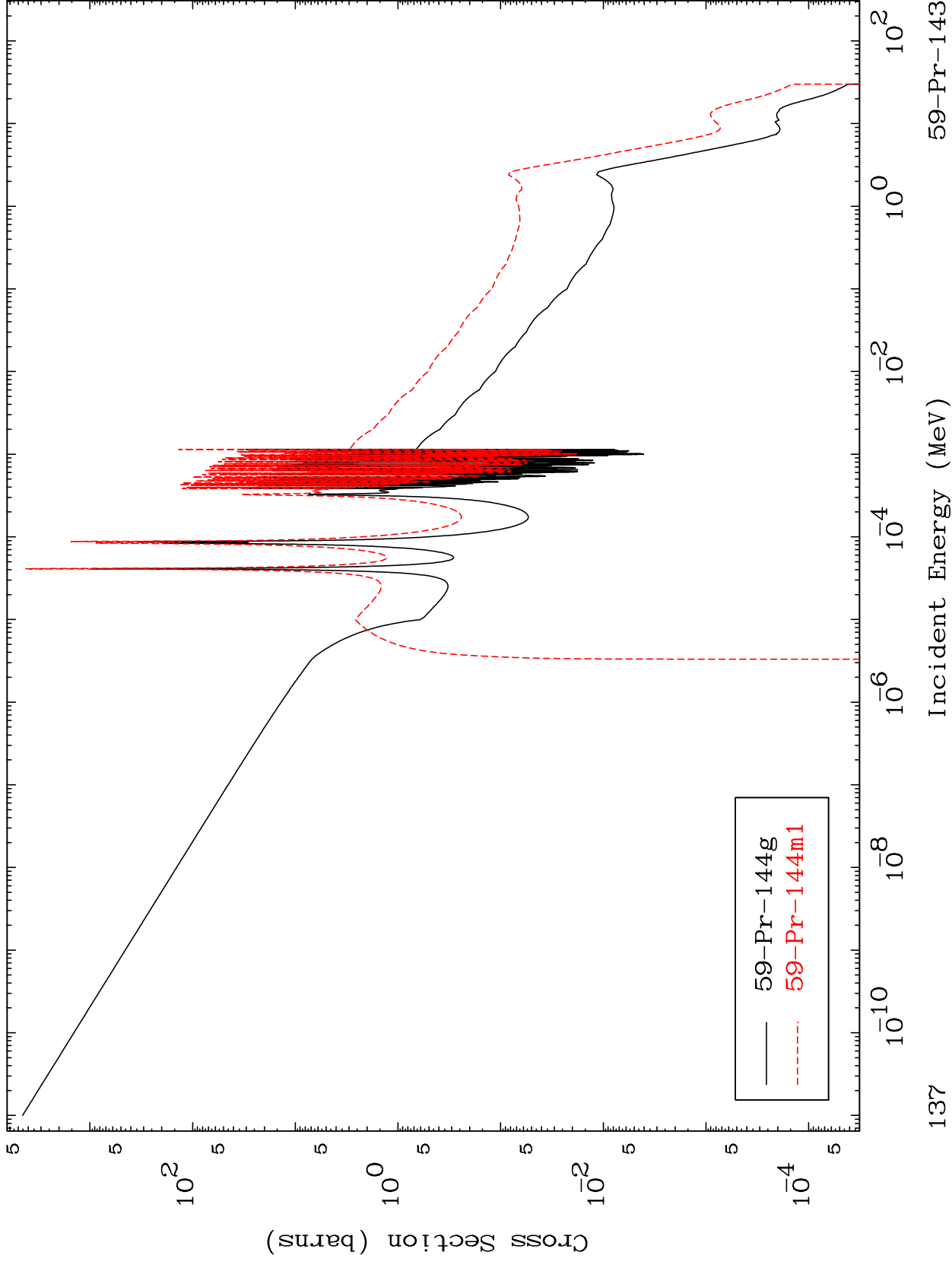
Incident Energy (MeV)

59-Pr-143

MAT 5931

59-Pr-143

(n, γ)
Radionuclide Production Cross Section



MAT 5931

(n,2α)

59-Pr-143

Radionuclide Production Cross Section

