

Program EVALPLOT
(Version 2017-1)

by

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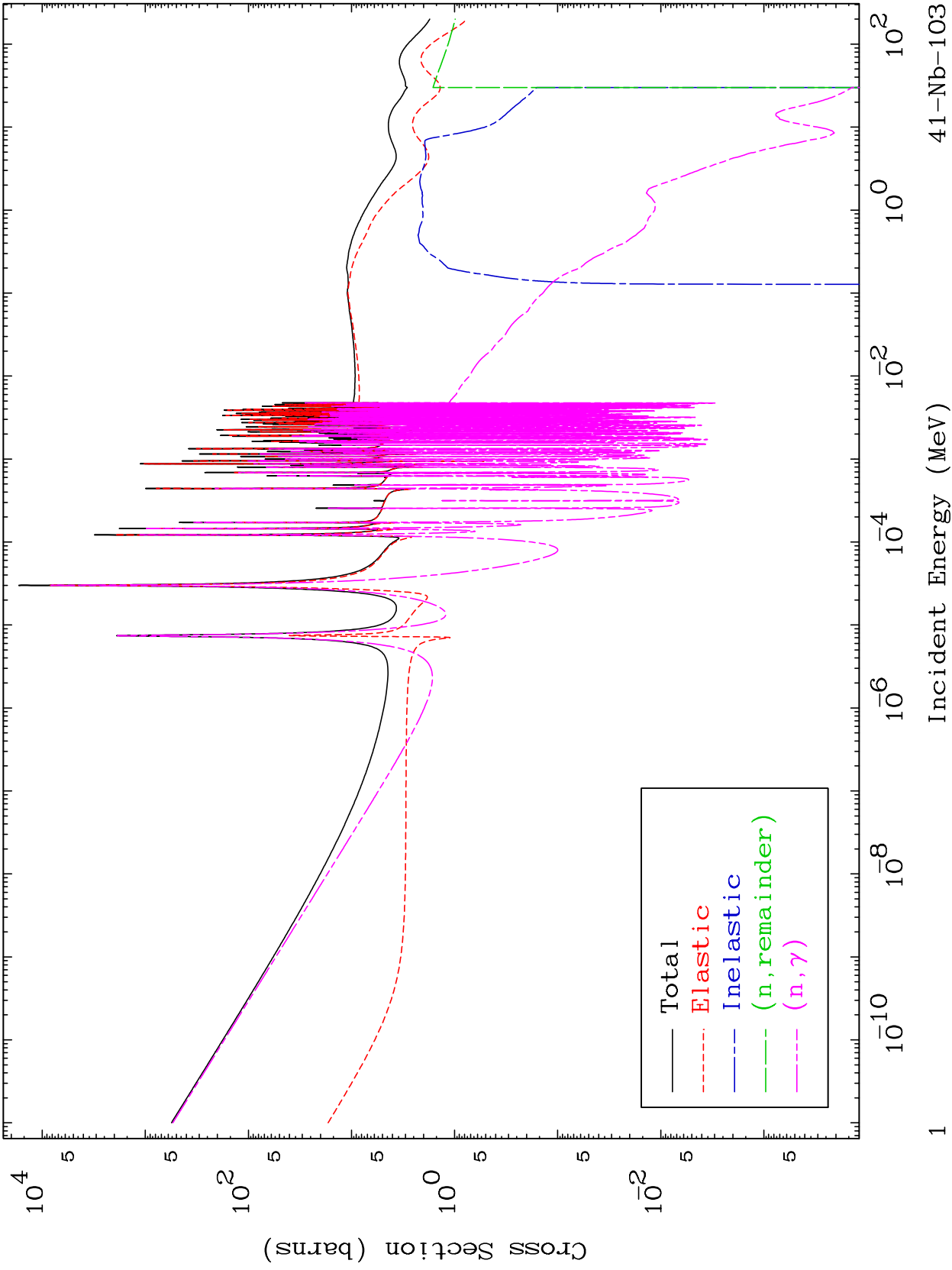
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Press Mouse Button to Start

MAT 4155

Major
293 Kelvin Cross Sections

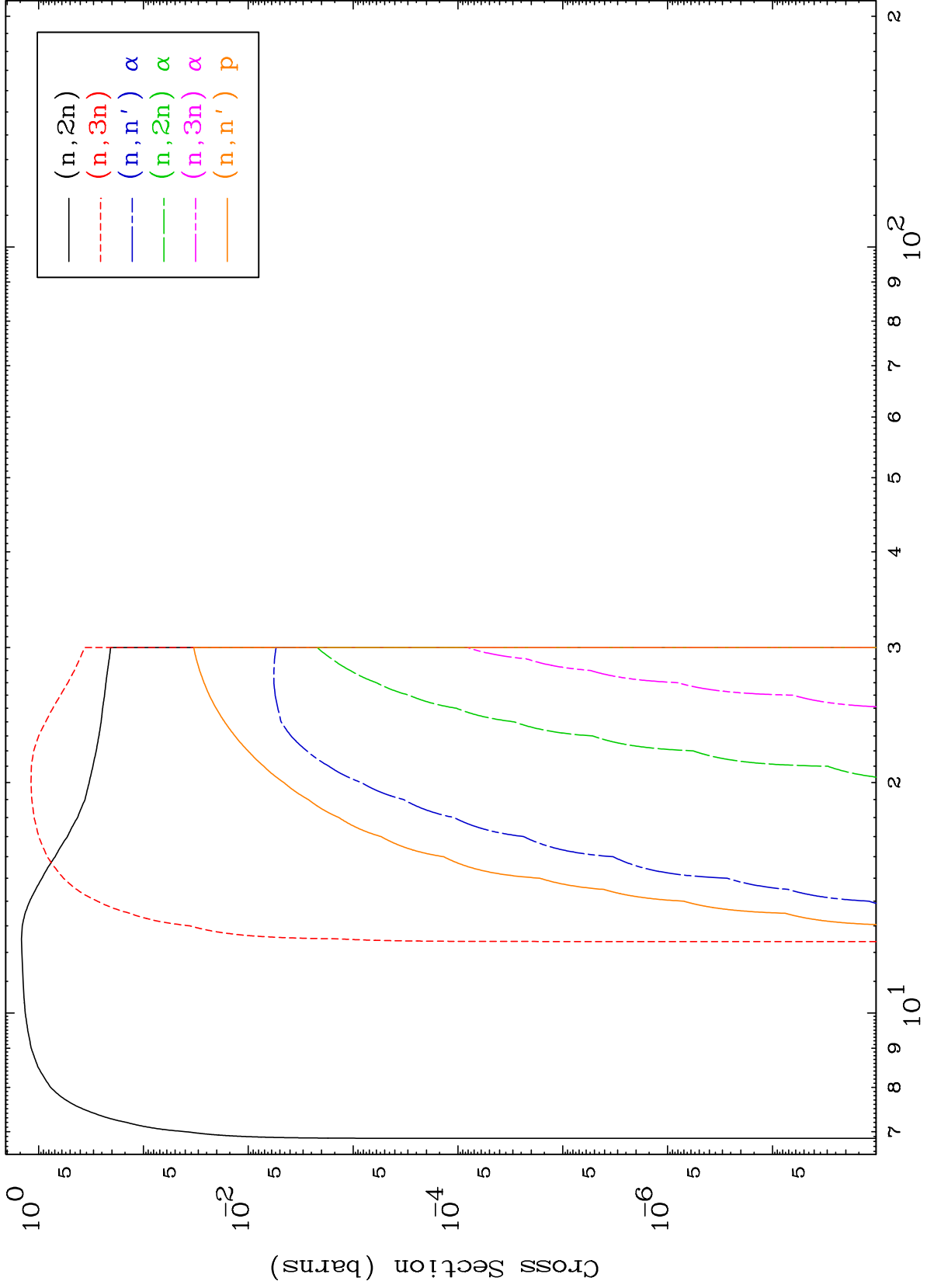
41-Nb-103



MAT 4155

Neutron Production
293 Kelvin Cross Sections

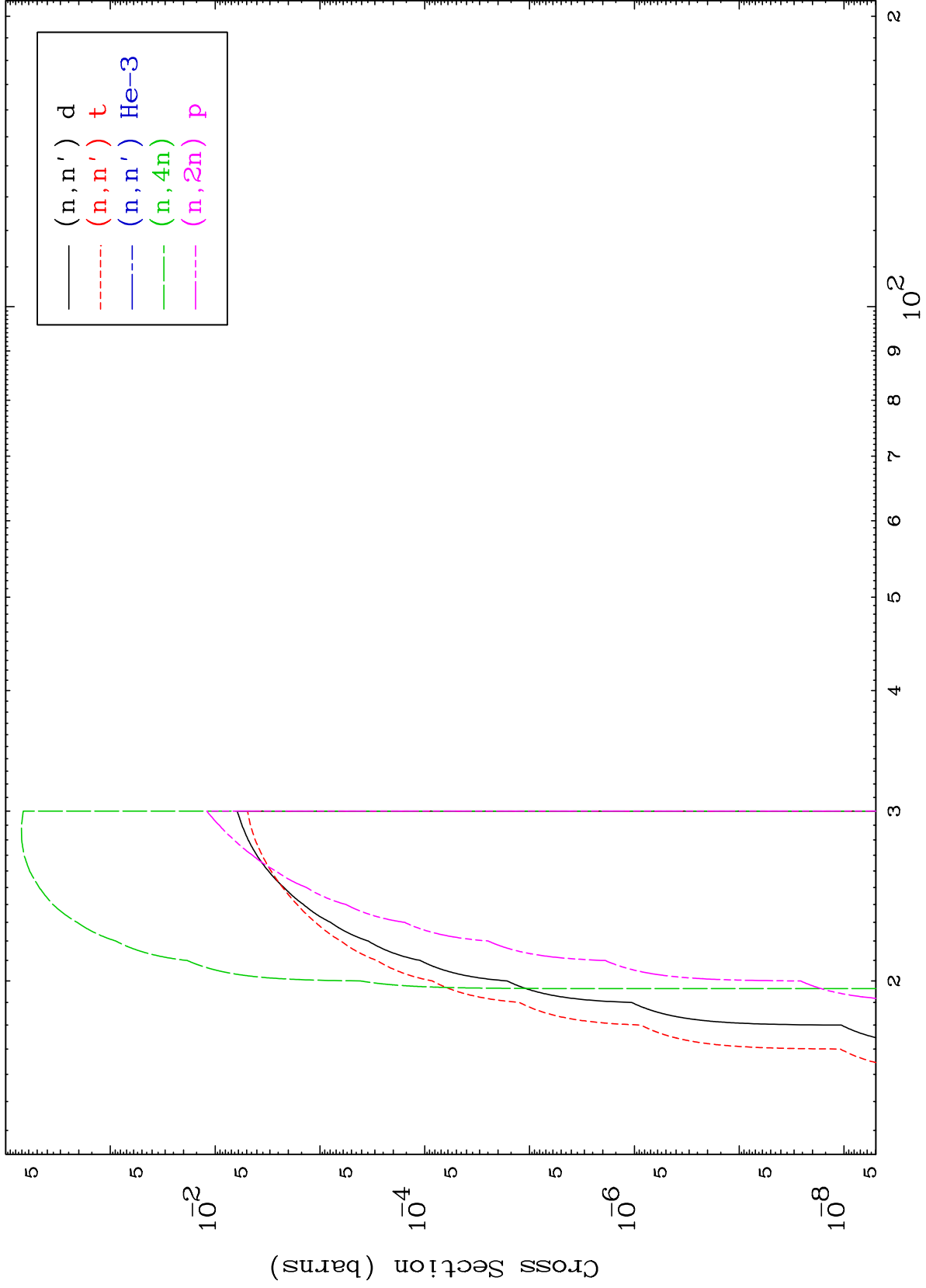
41-Nb-103



2

Incident Energy (MeV)

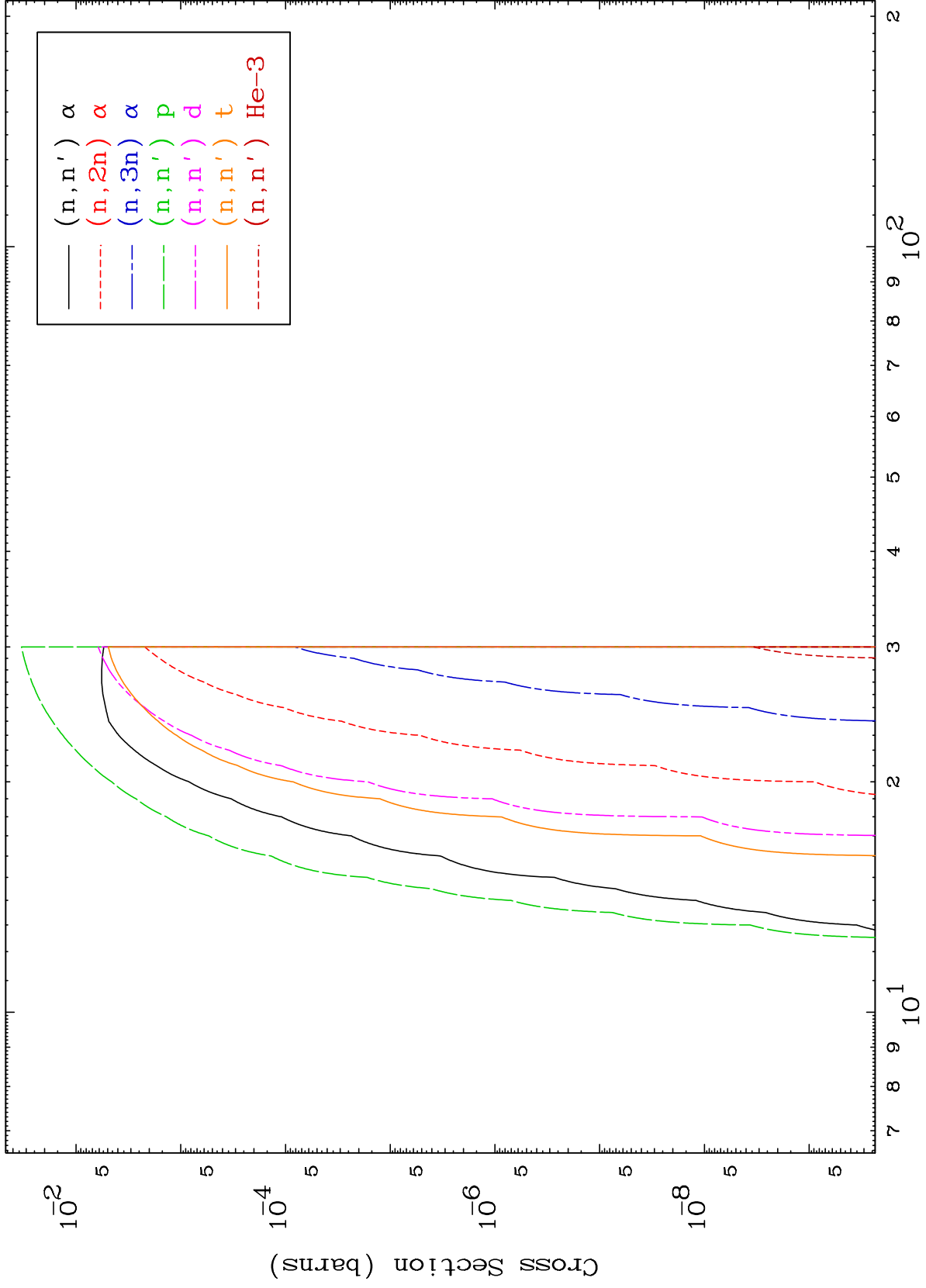
41-Nb-103



MAT 4155

Charged Particle
293 Kelvin Cross Sections

41-Nb-103



4

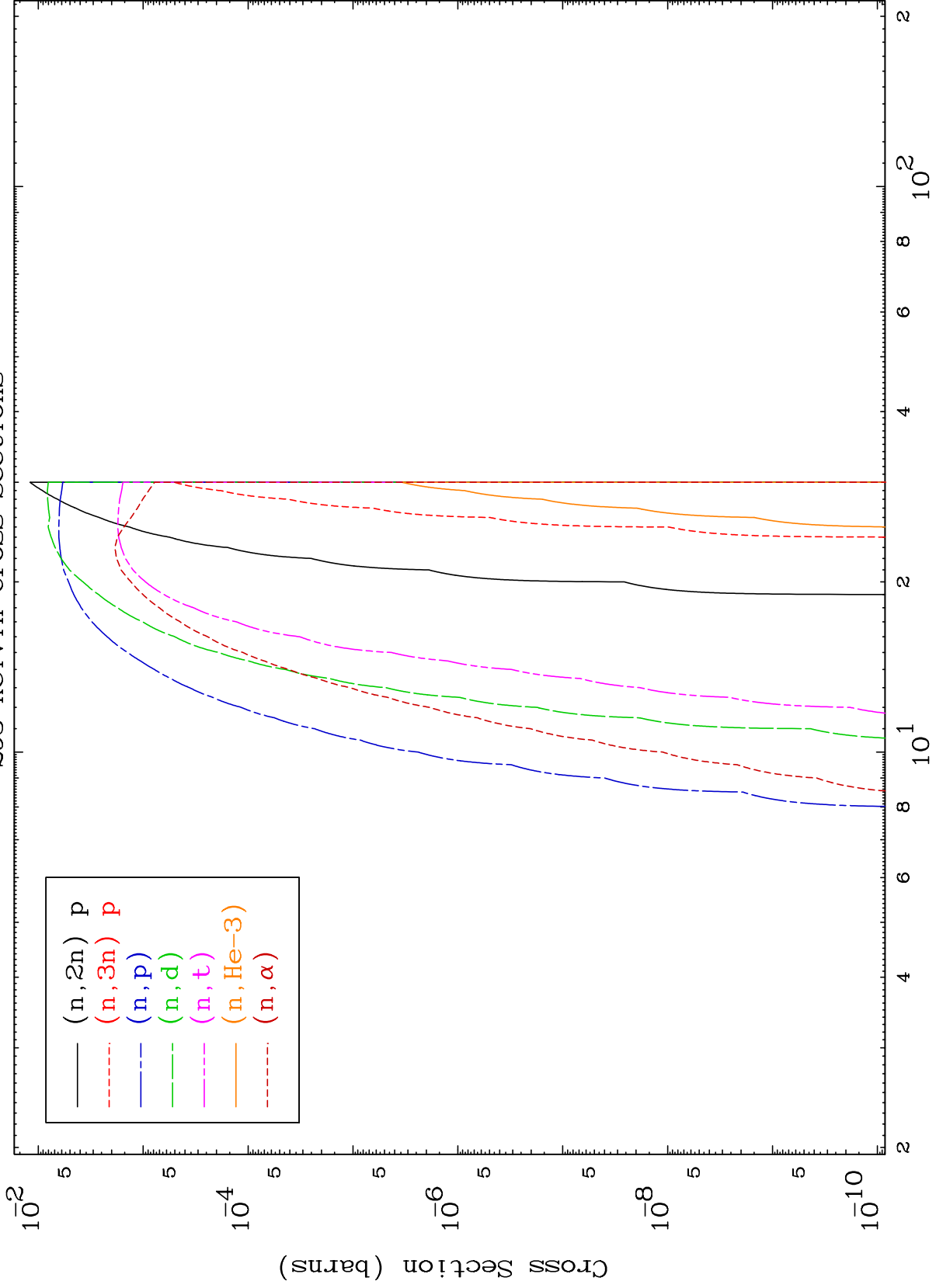
Incident Energy (MeV)

41-Nb-103

MAT 4155

Charged Particle
293 Kelvin Cross Sections

41-Nb-103



5

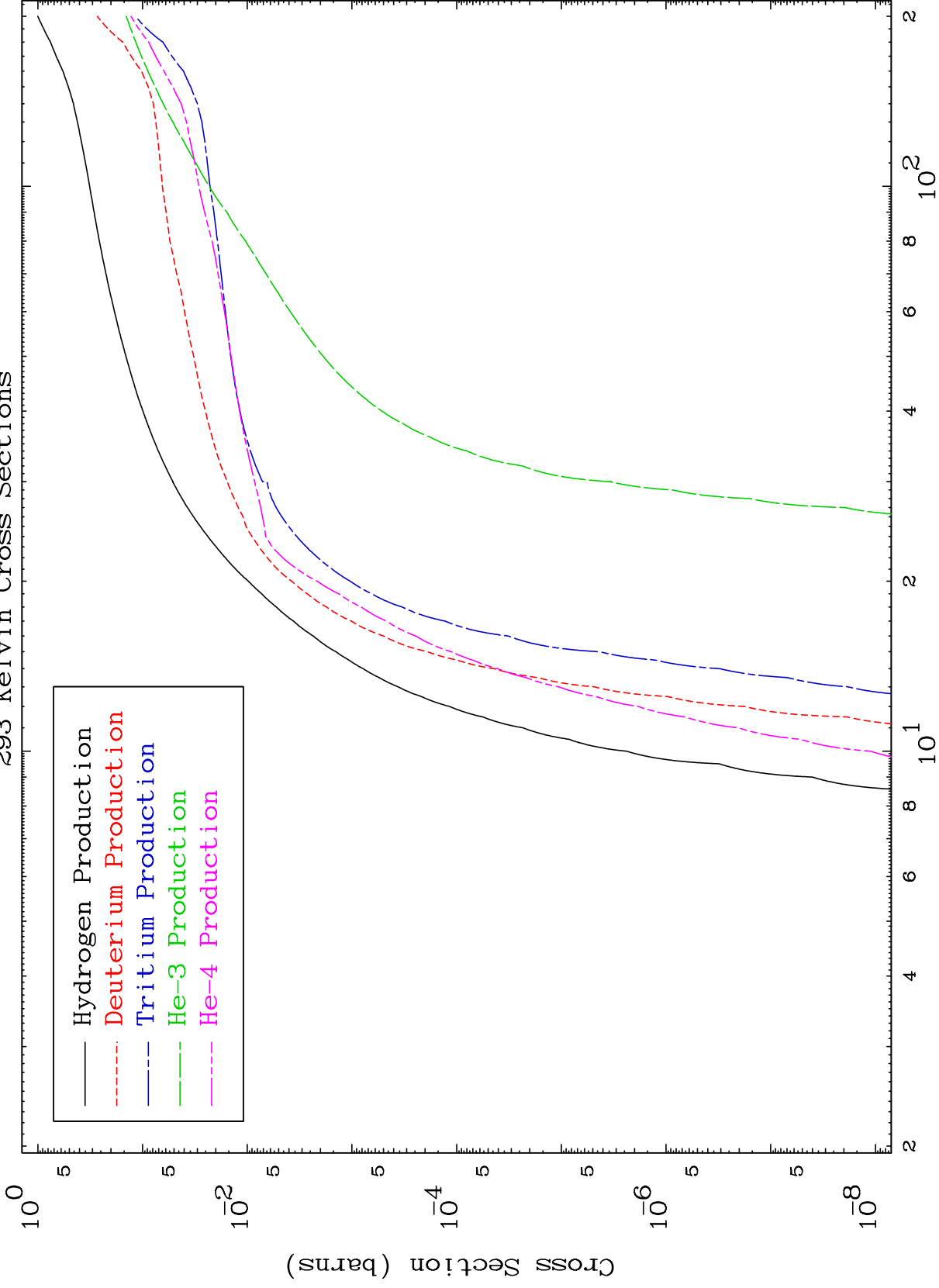
Incident Energy (MeV)

41-Nb-103

MAT 4155

Particle Production
293 Kelvin Cross Sections

41-Nb-103



6

Incident Energy (MeV)

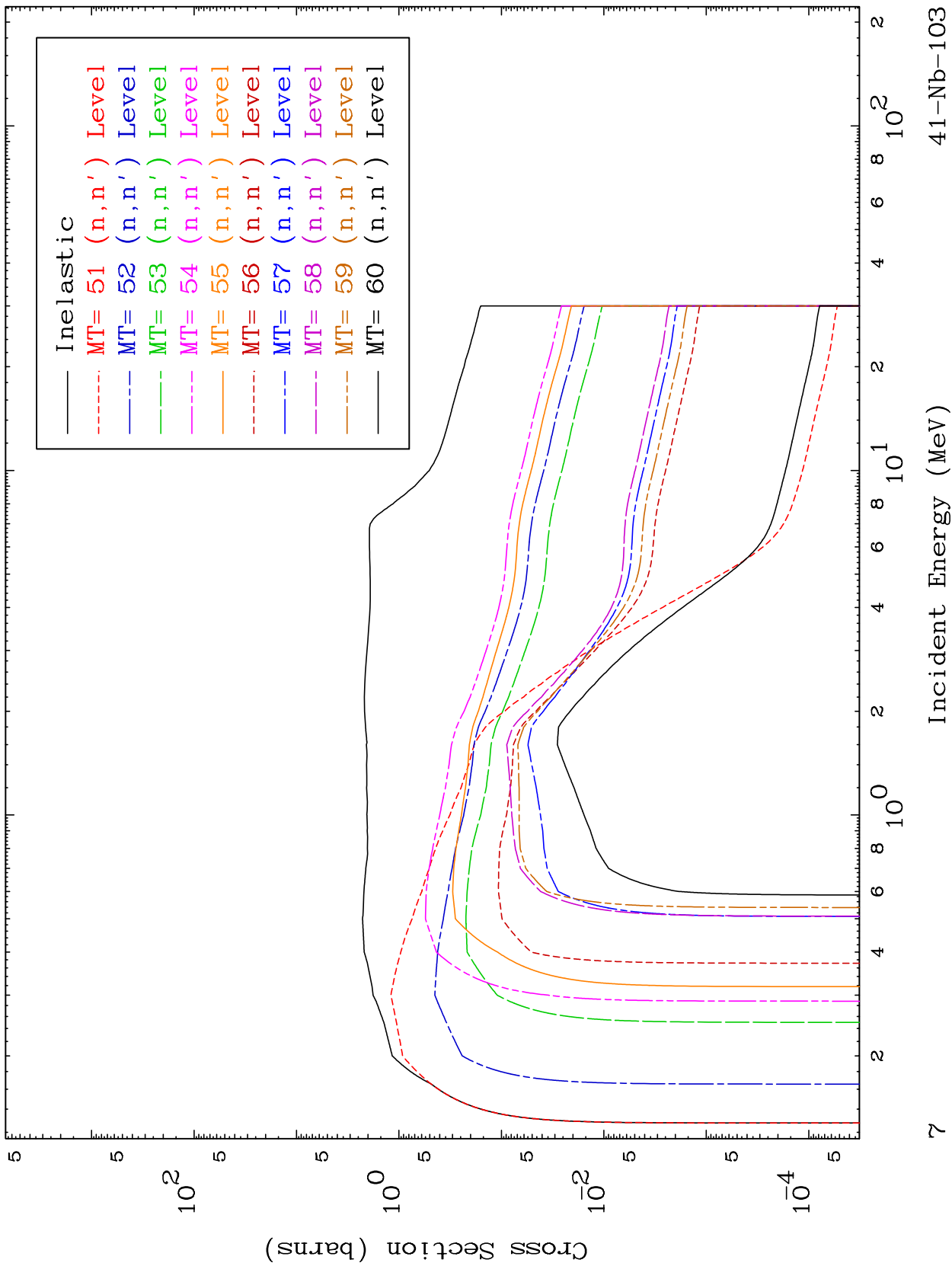
41-Nb-103

MAT 4155

(n,n') Level

41-Nb-103

293 Kelvin Cross Sections

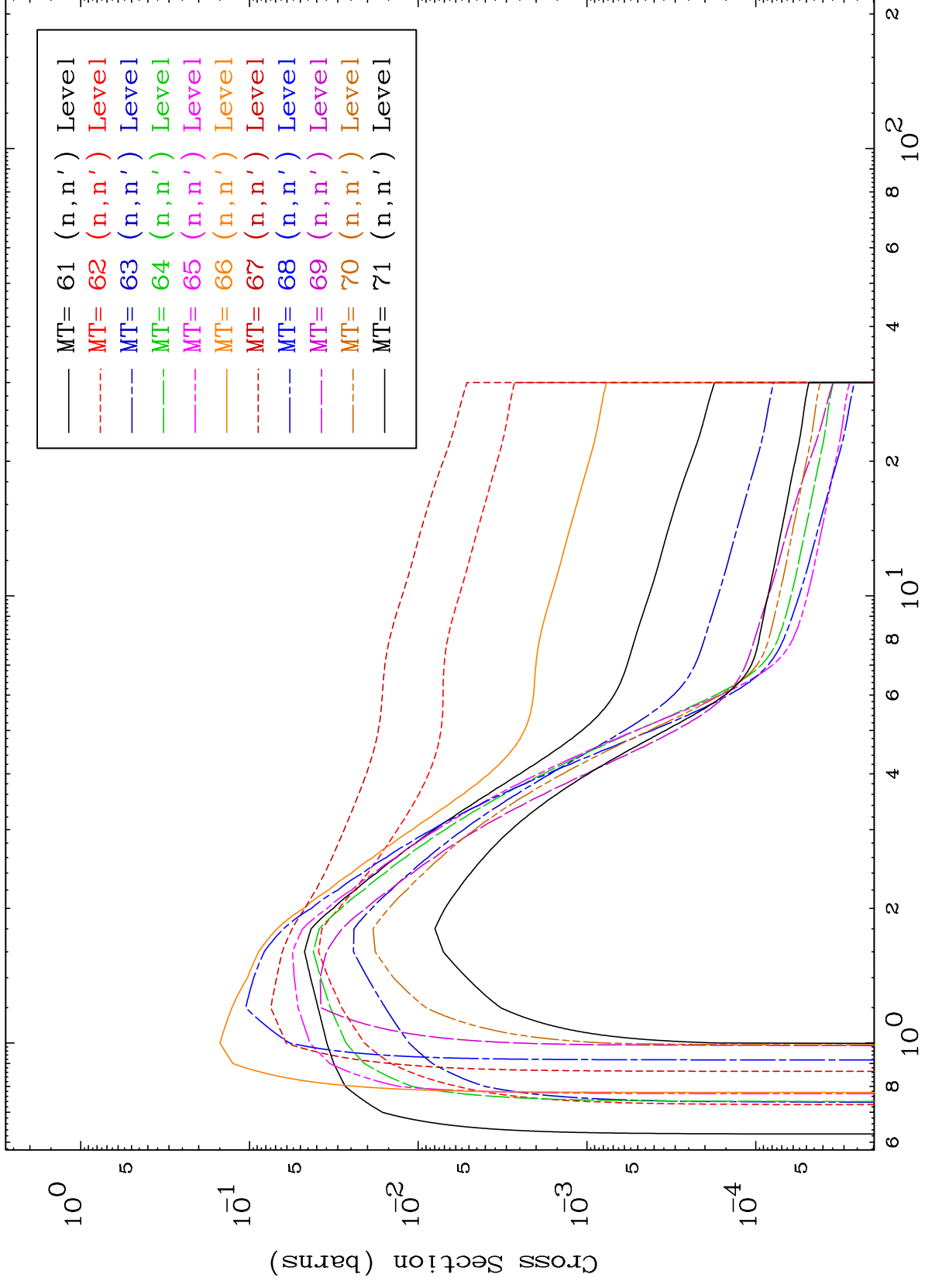


MAT 4155

(n,n') Level

41-Nb-103

293 Kelvin Cross Sections



Incident Energy (MeV)

41-Nb-103

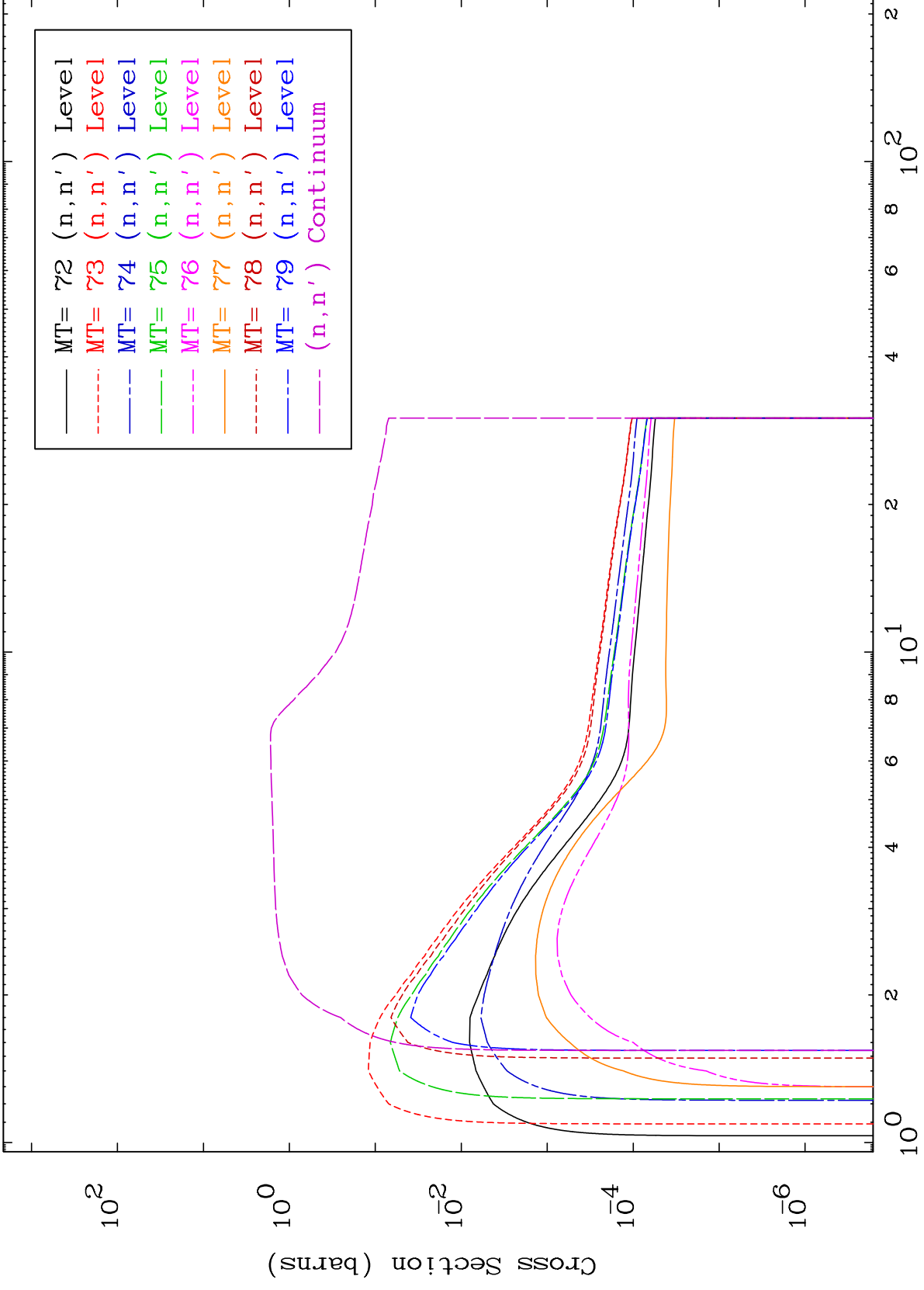
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MAT 4155

(n,n') Level

41-Nb-103

293 Kelvin Cross Sections



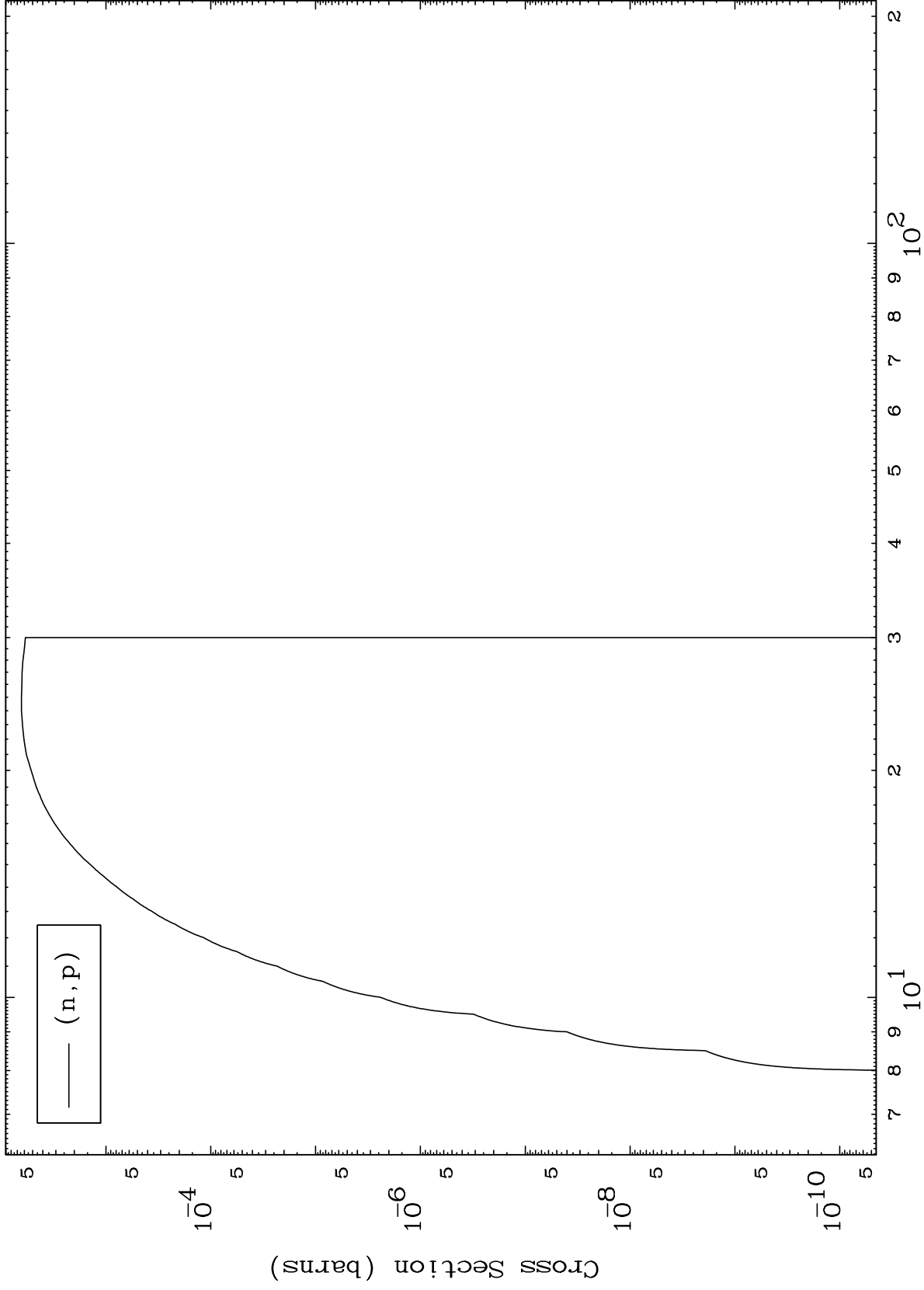
Incident Energy (MeV)

41-Nb-103

MAT 4155

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-103



10

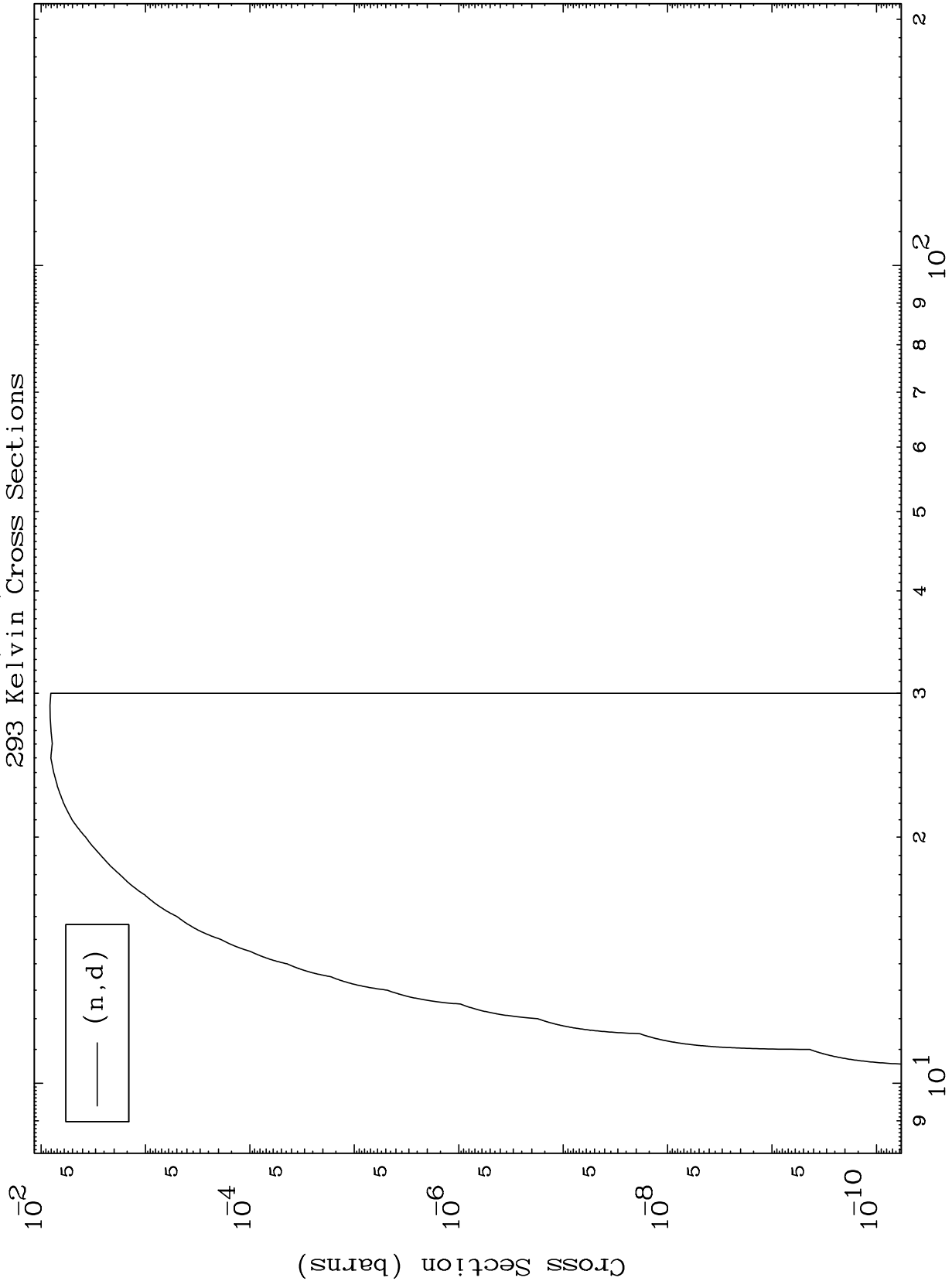
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41-Nb-103

MAT 4155

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-103



11

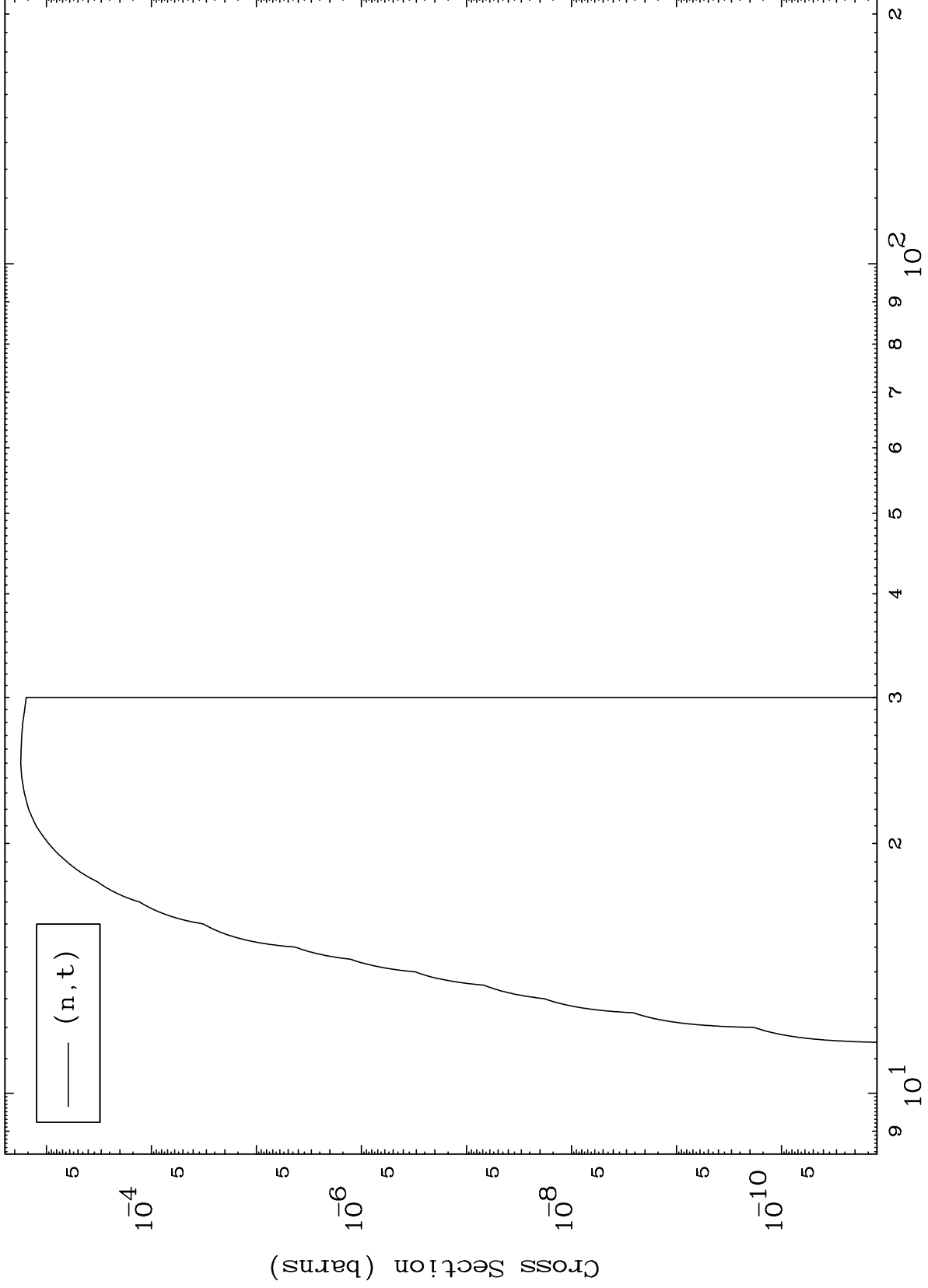
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41-Nb-103

MAT 4155

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-103



12

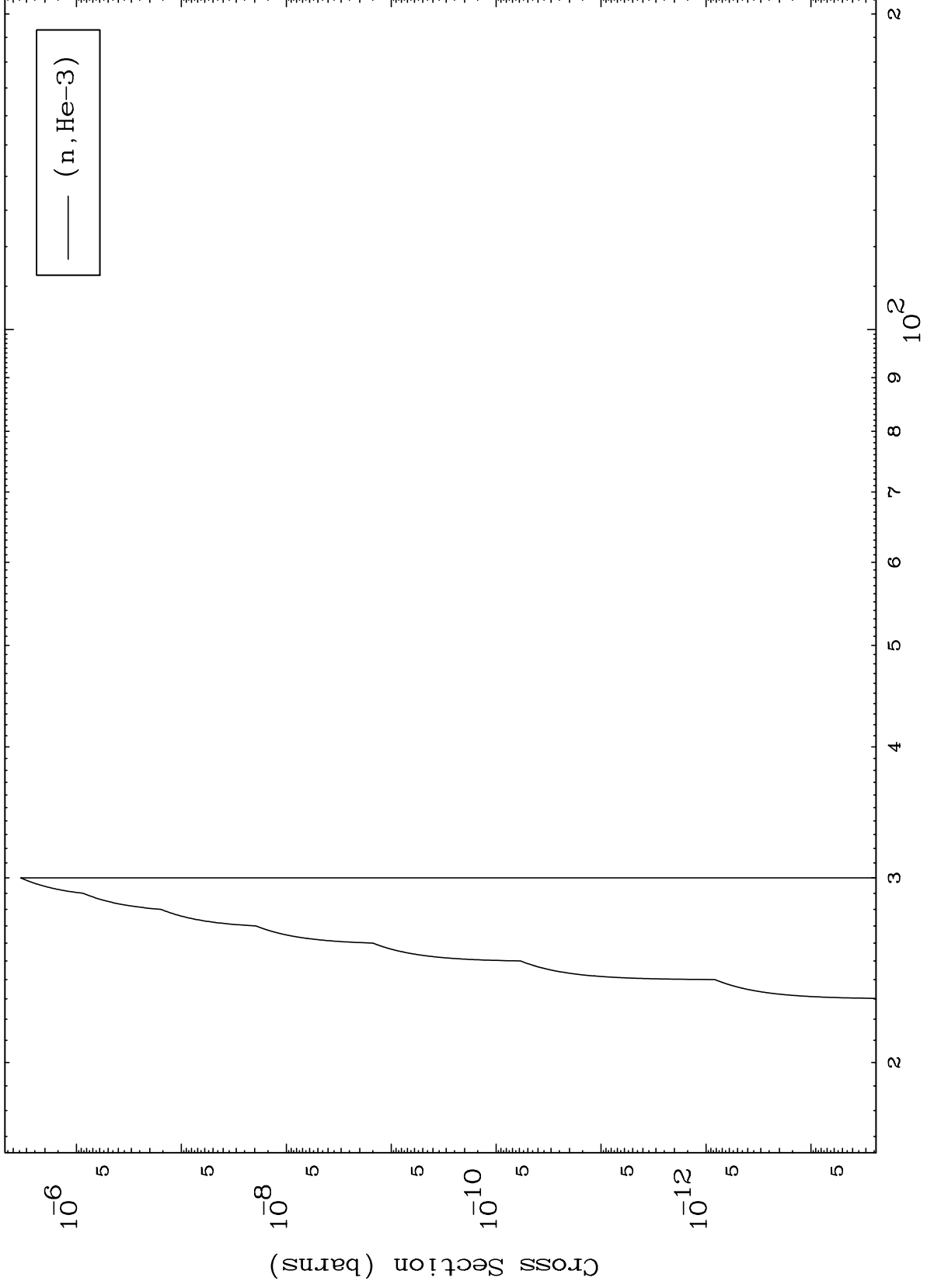
Incident Energy (MeV)

41-Nb-103

MAT 4155

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-103



13

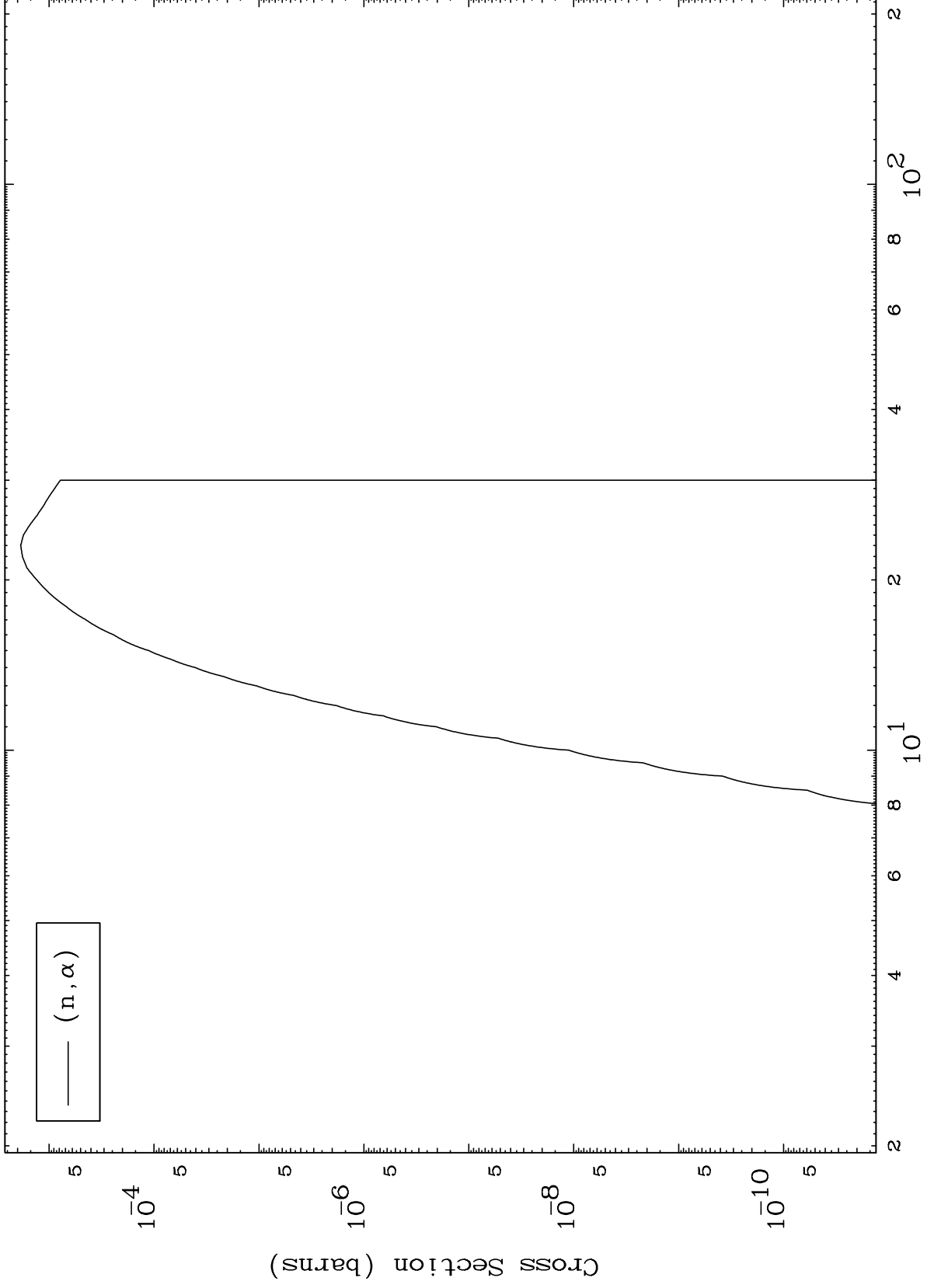
Incident Energy (MeV)

41-Nb-103

MAT 4155

(n, α) Levels
293 Kelvin Cross Sections

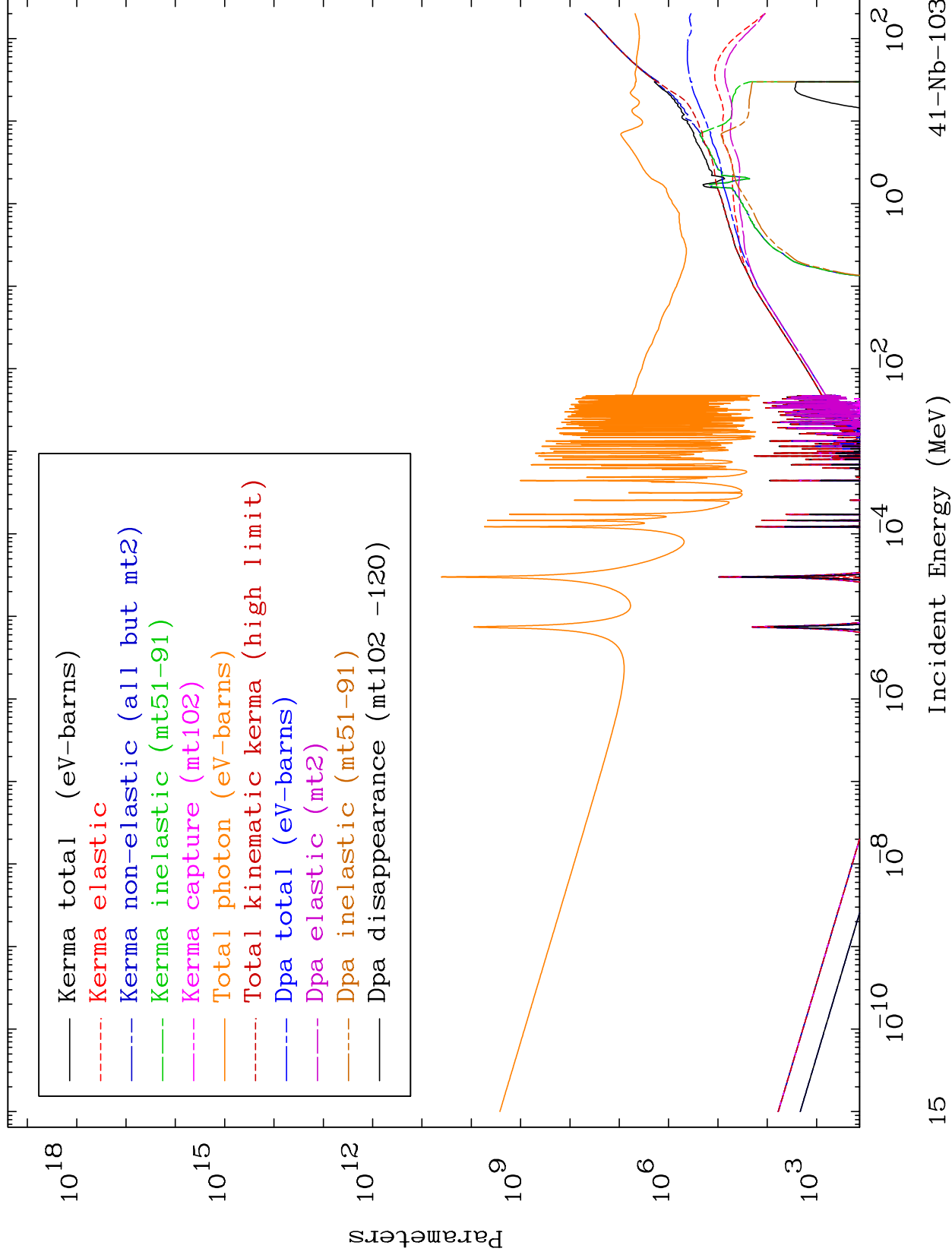
41-Nb-103



14

Incident Energy (MeV)

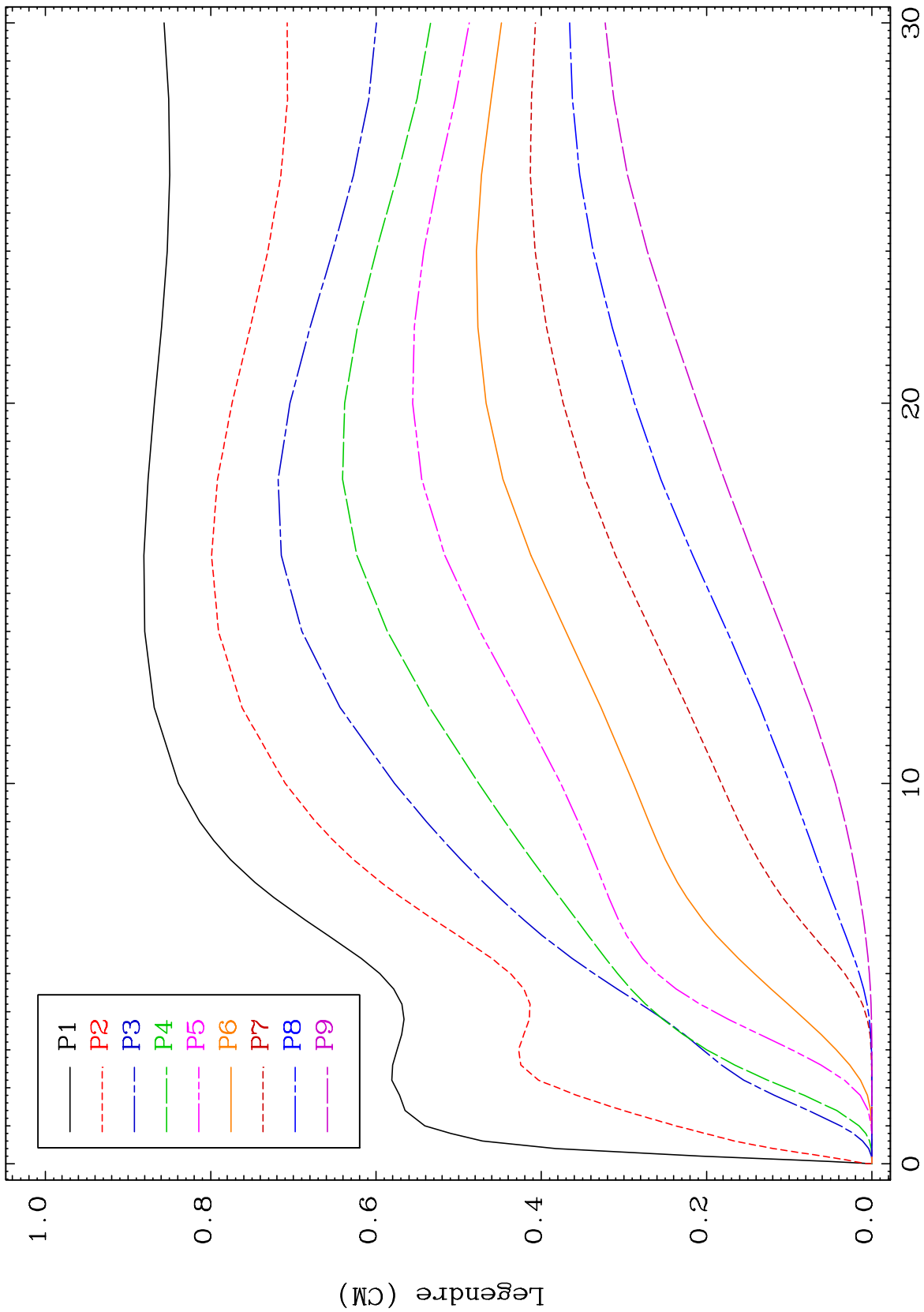
41-Nb-103



MAT 4155

Elastic Legendre Coefficients

41-Nb-103



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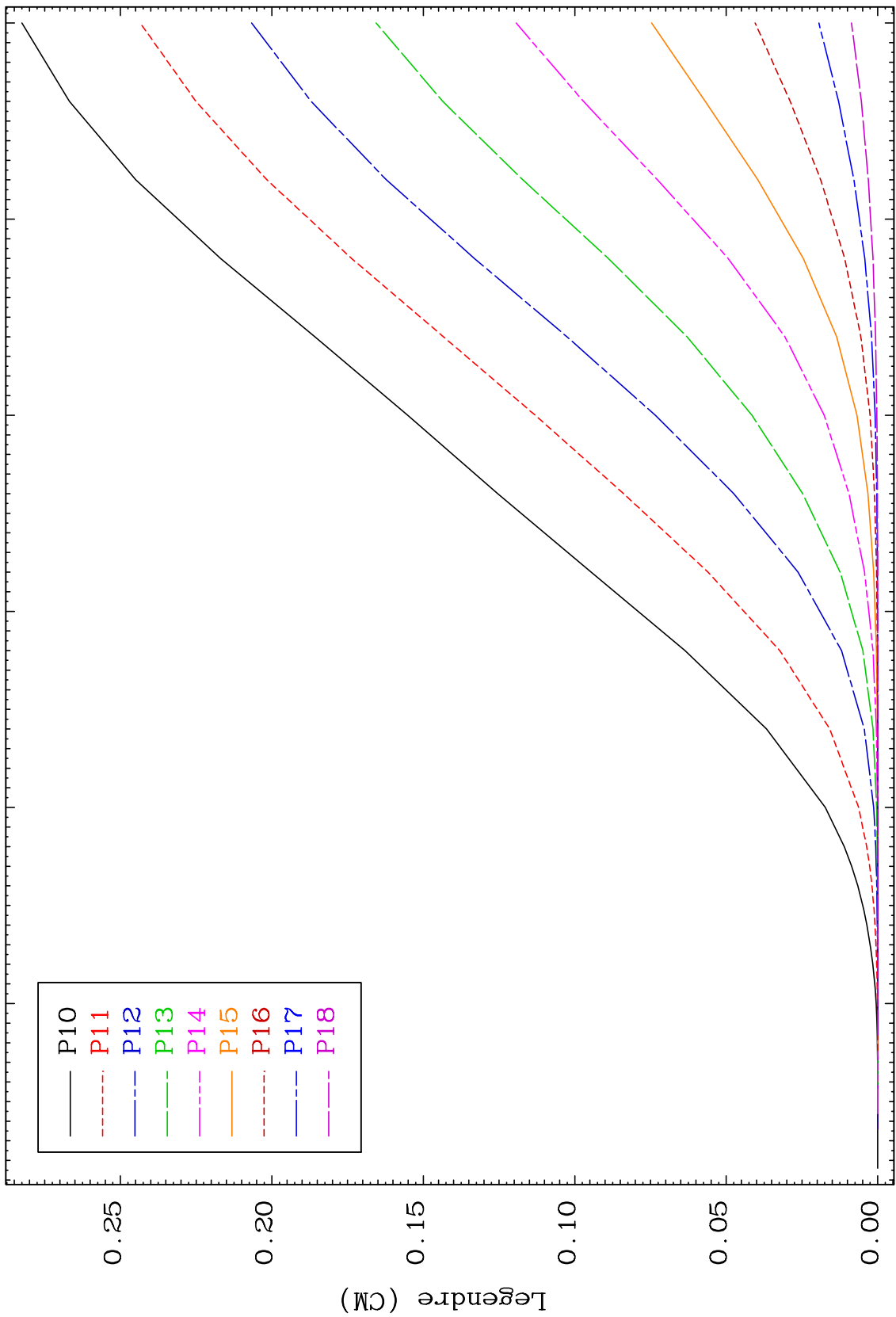
Incident Energy (MeV)

41-Nb-103

MAT 4155

Elastic Legendre Coefficients

41-Nb-103



17

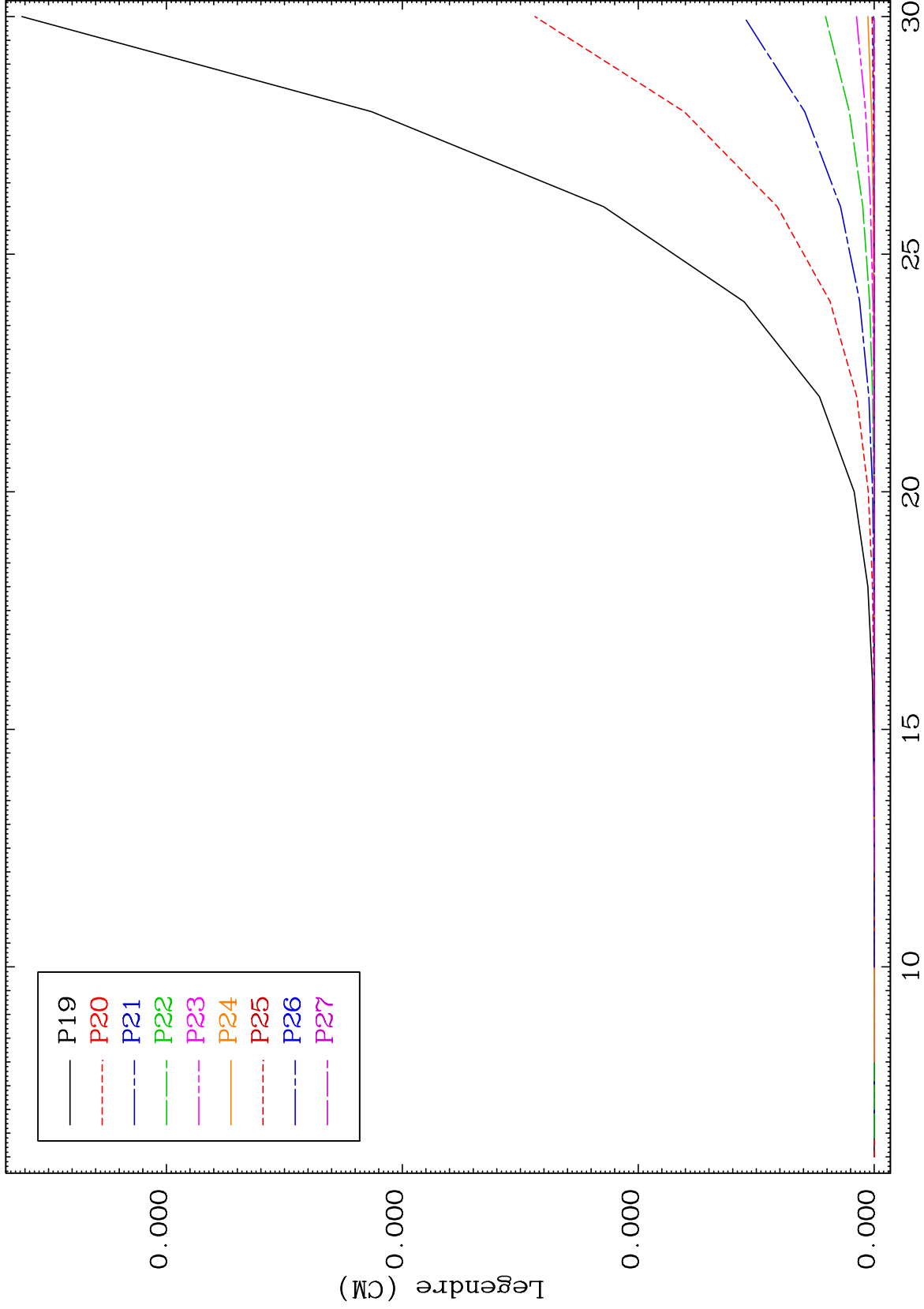
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Incident Energy (MeV)

MAT 4155

Elastic Legendre Coefficients

41-Nb-103



18

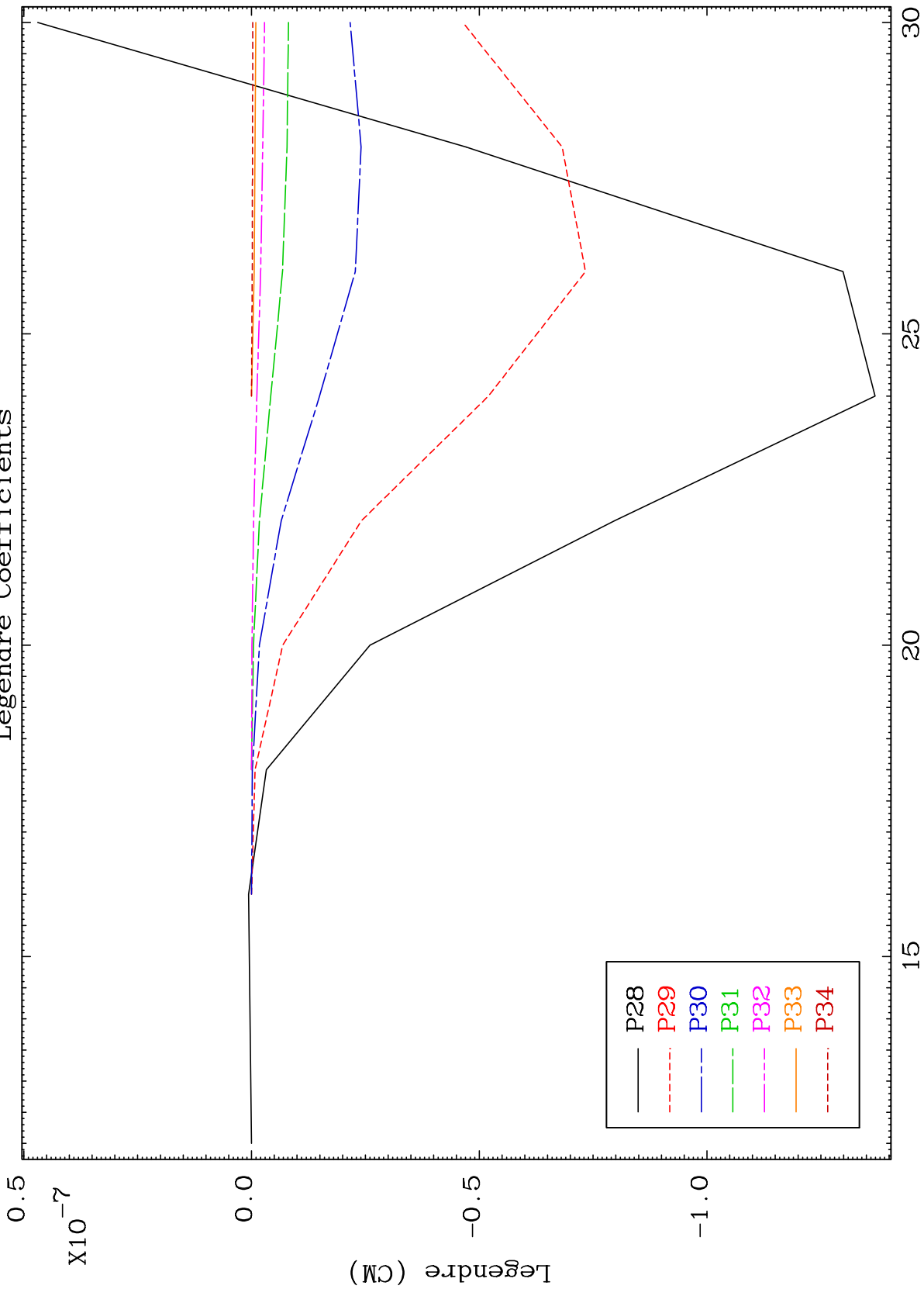
Incident Energy (MeV)

41-Nb-103

MAT 4155

41-Nb-103

Elastic Legendre Coefficients



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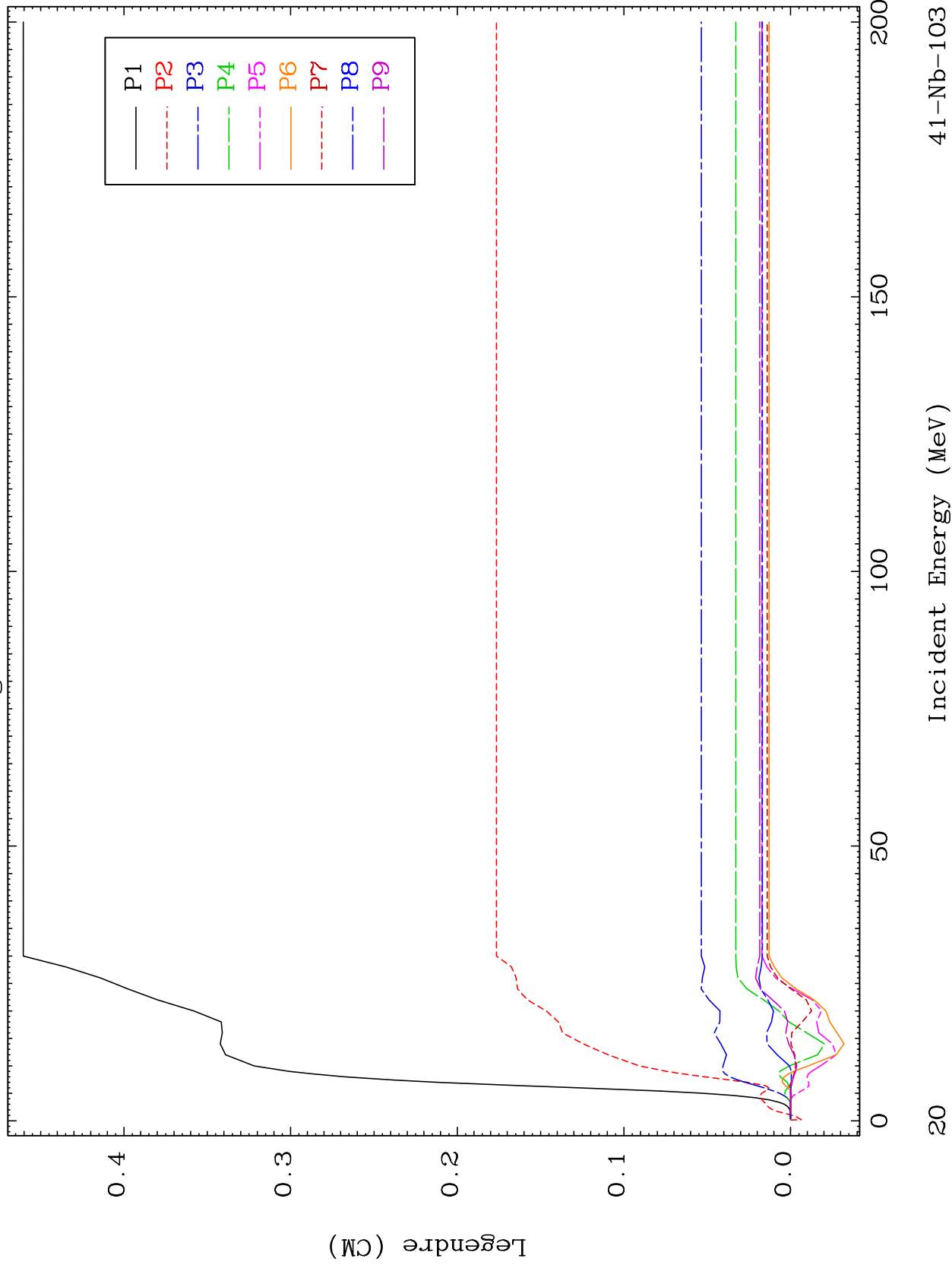
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



41-Nb-103

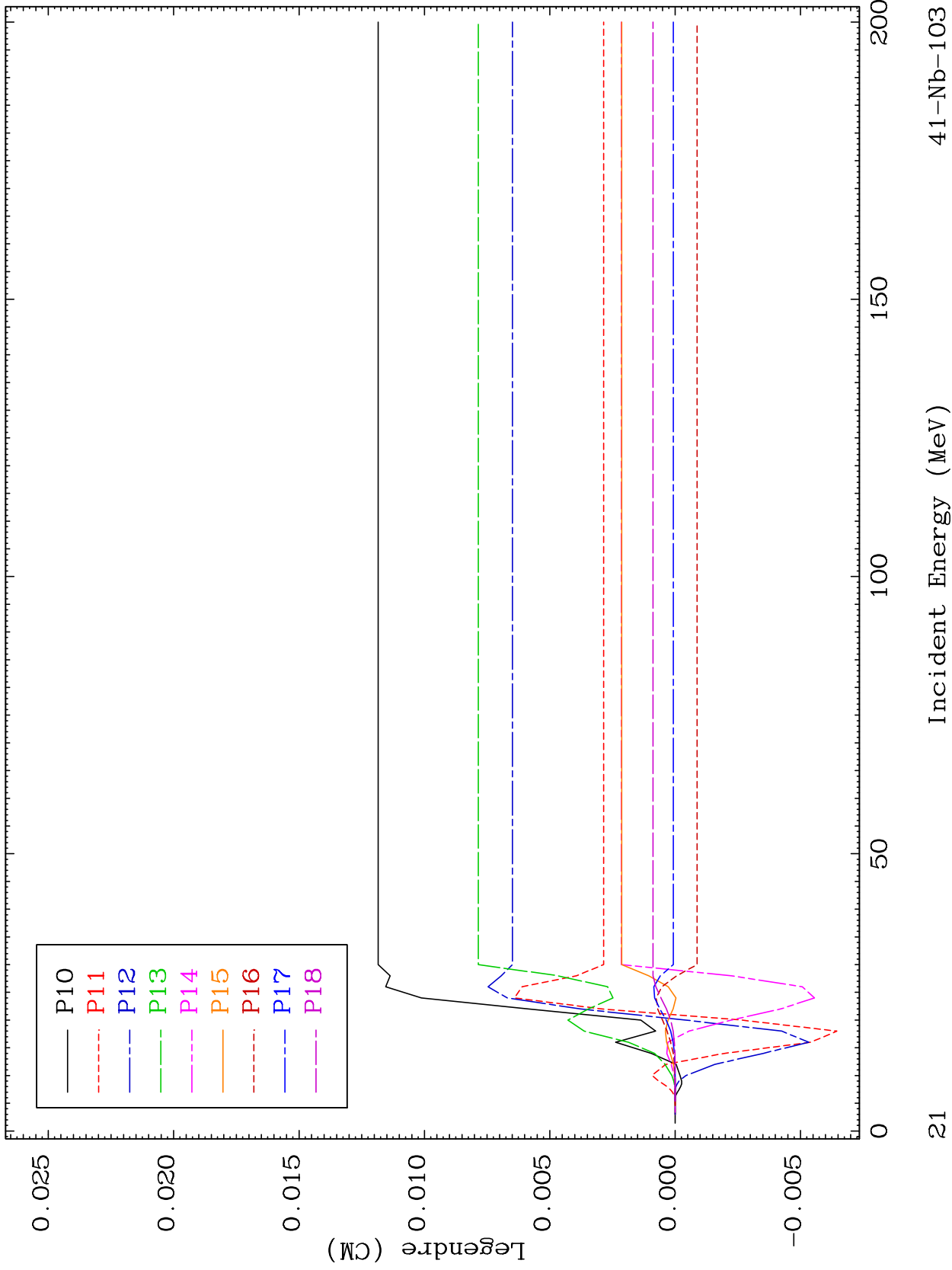
Incident Energy (MeV)

Legendre (CM)

MAT 4155

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

41-Nb-103



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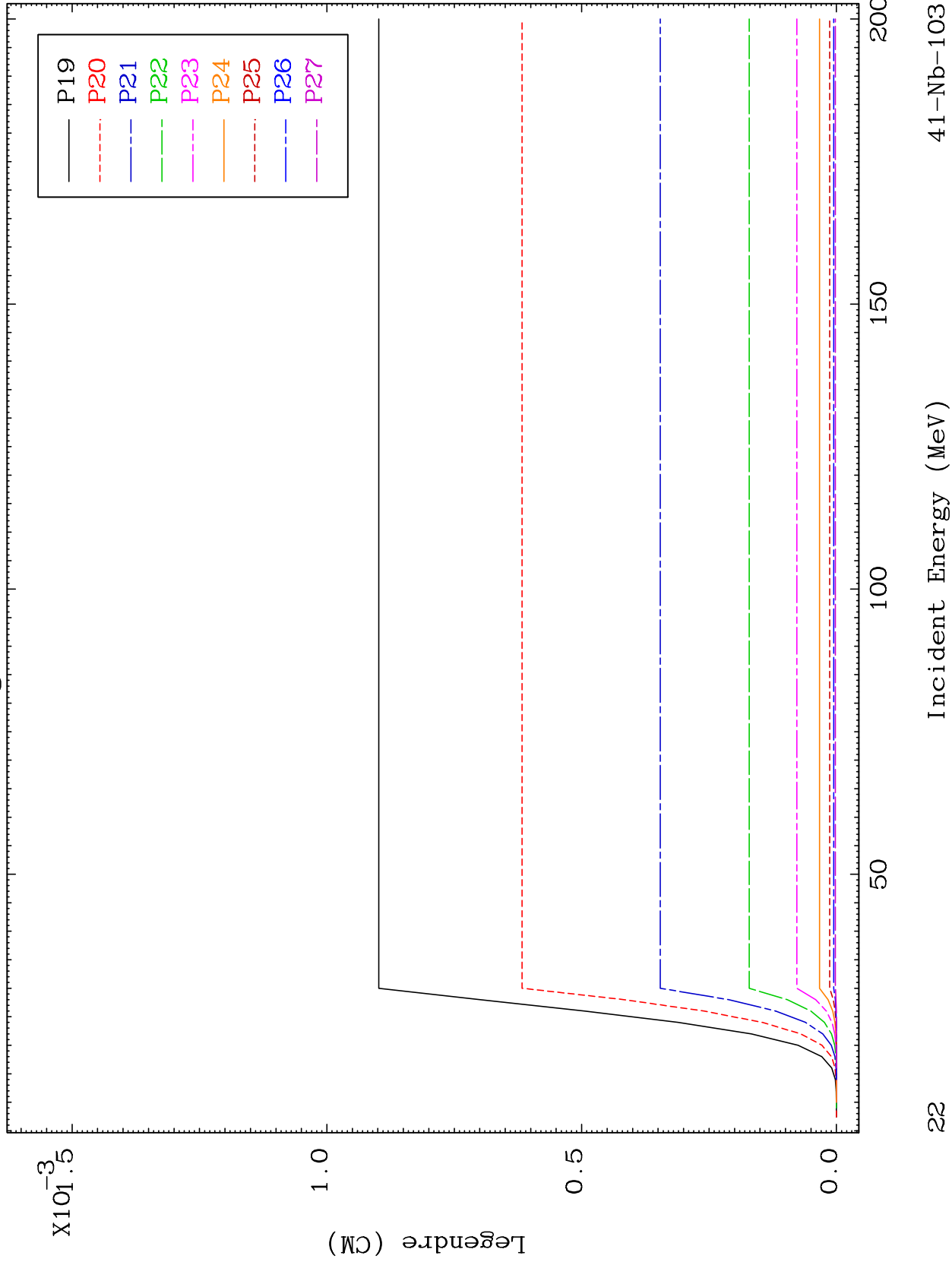
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

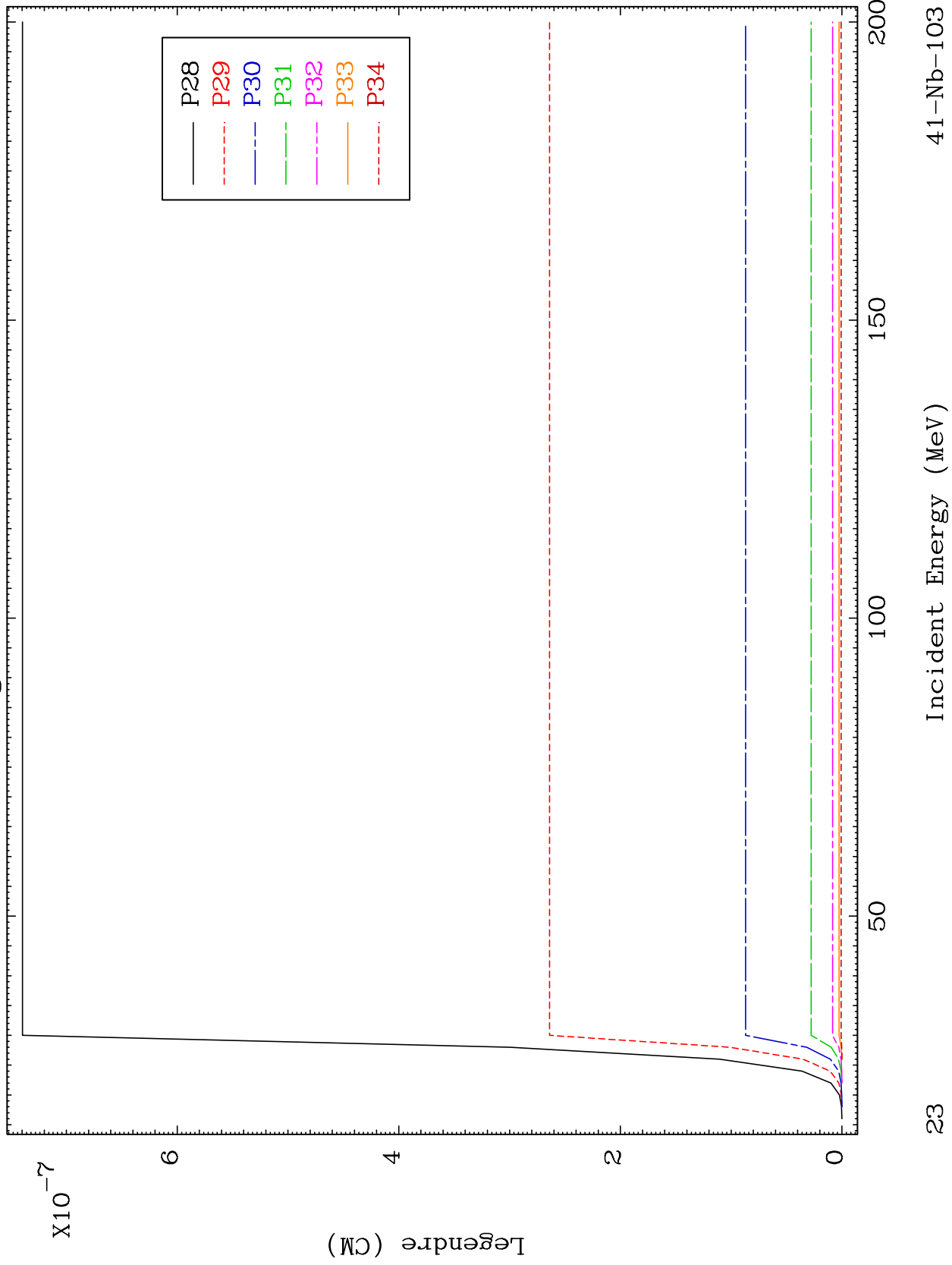
41-Nb-103



MAT 4155

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

41-Nb-103



23

Incident Energy (MeV)

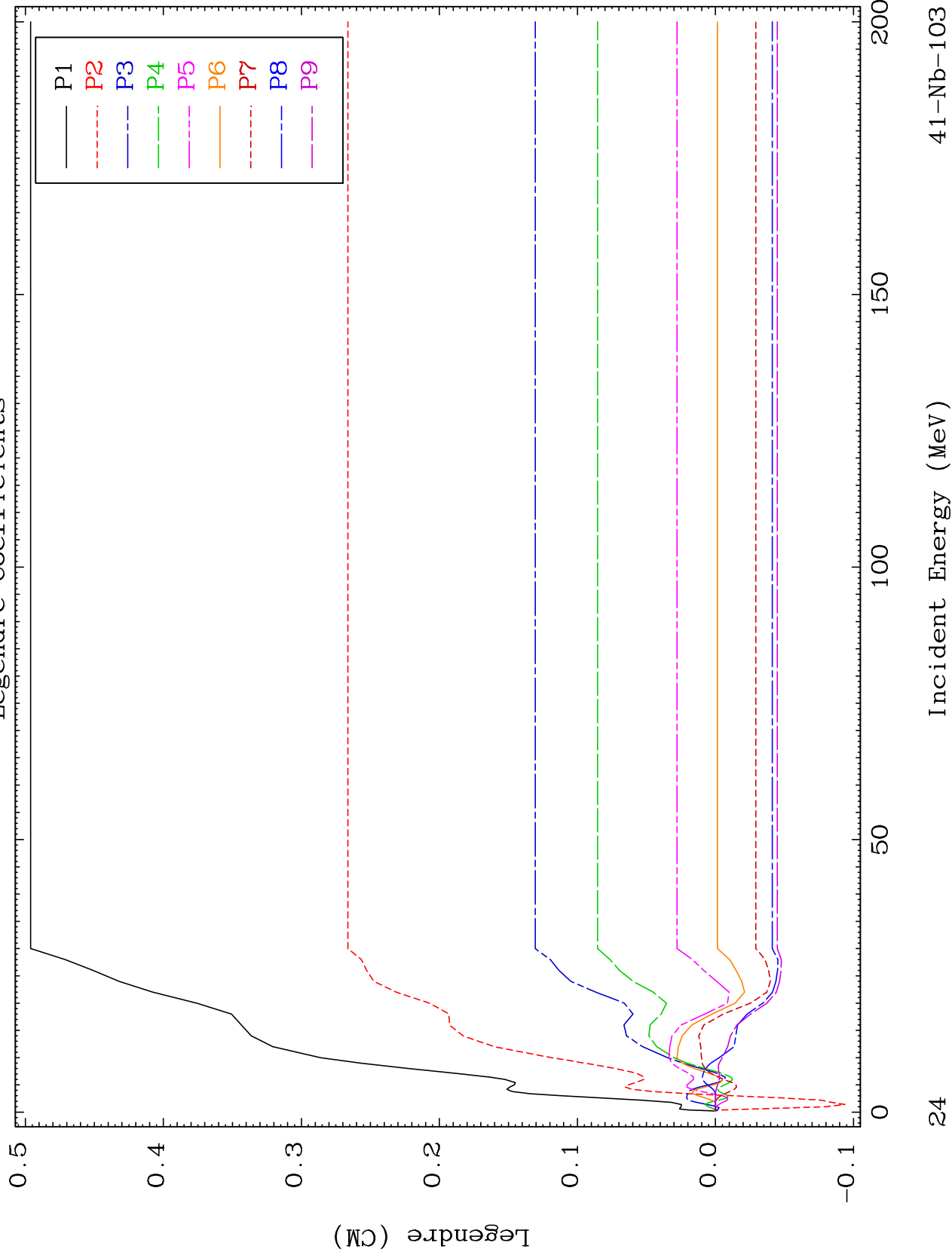
41-Nb-103

MAT 4155

MT= 52 (n,n') Level

41-Nb-103

Legendre Coefficients



41-Nb-103

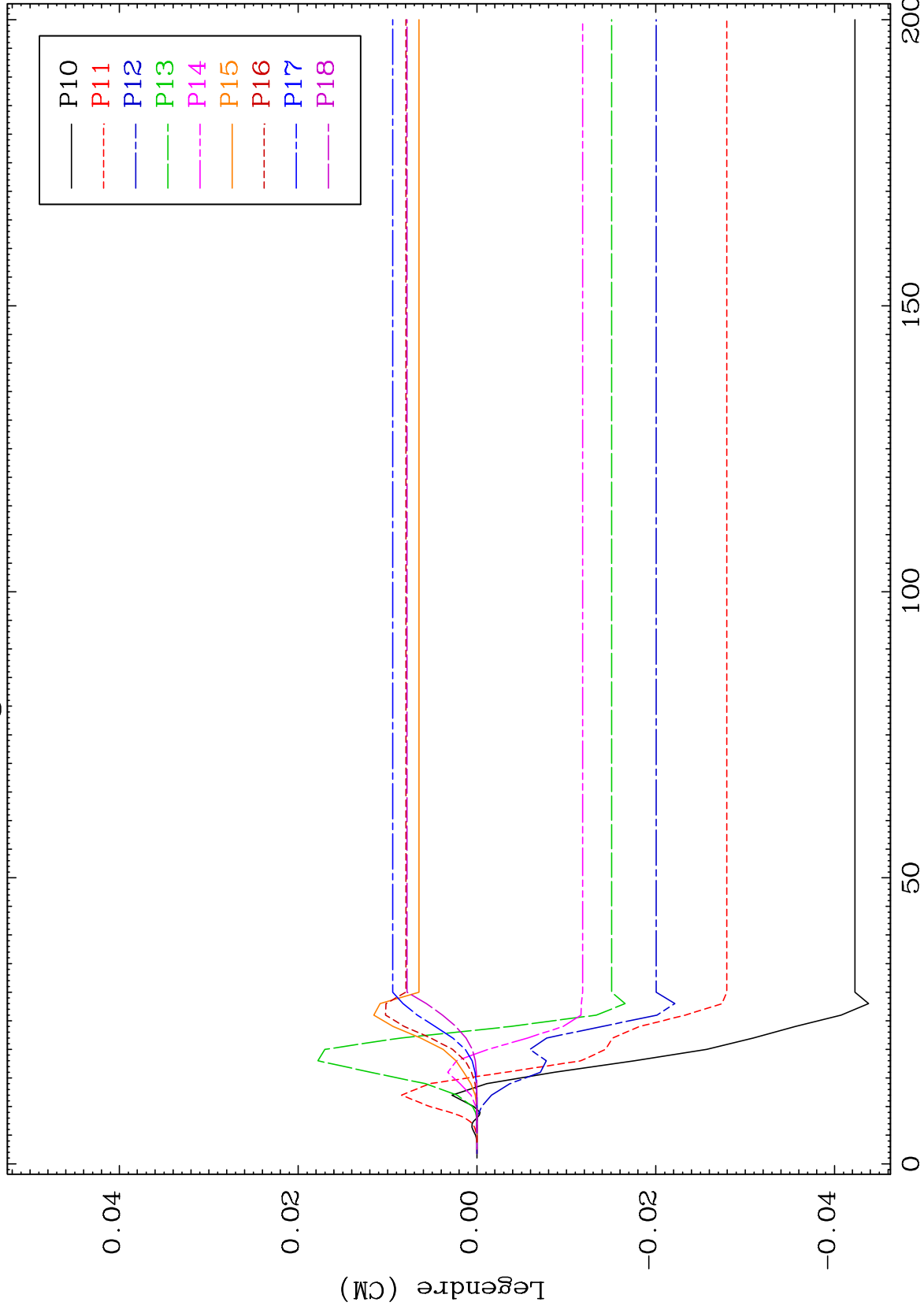
Incident Energy (MeV)

24

MAT 4155

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

41-Nb-103



25

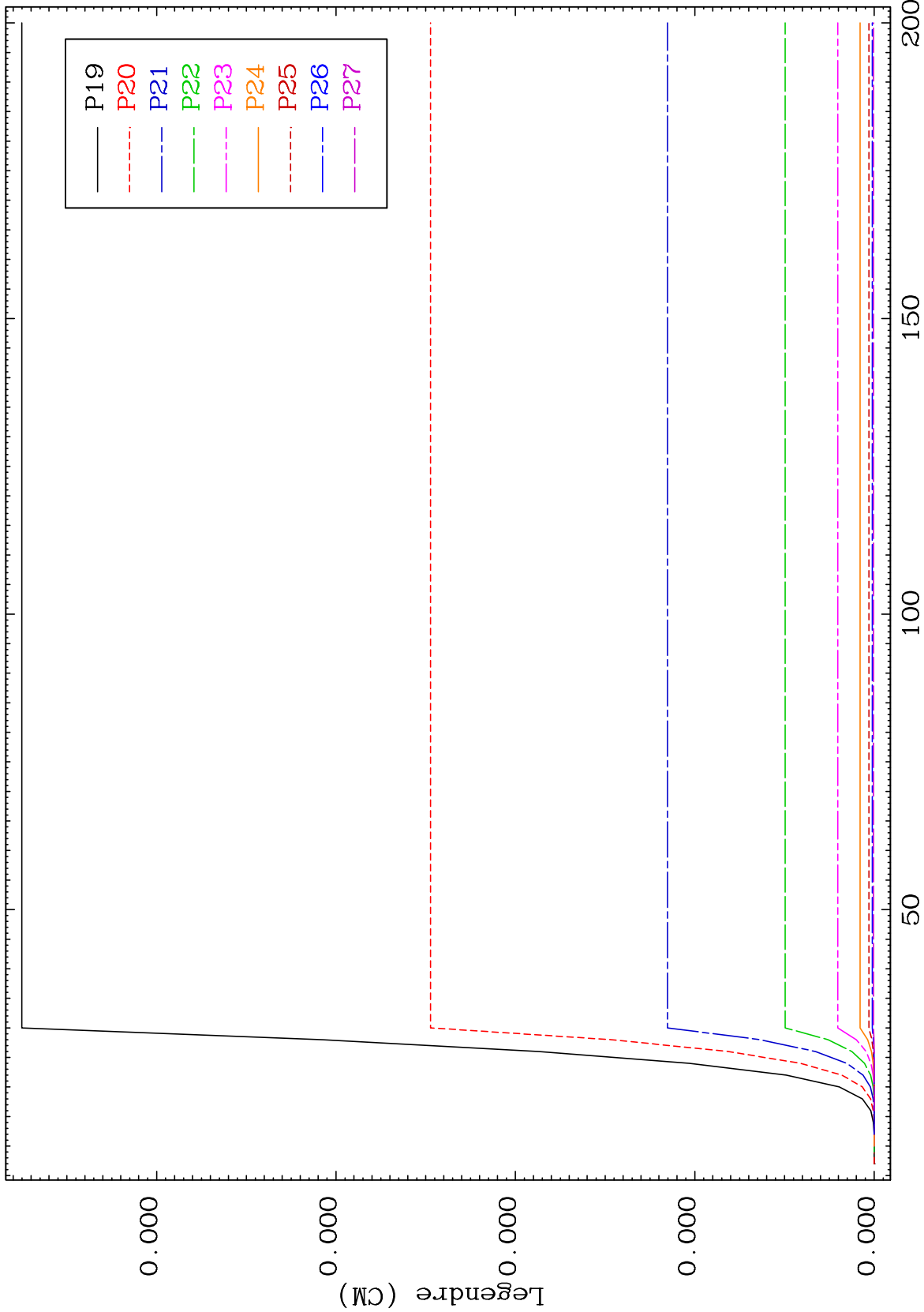
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



26

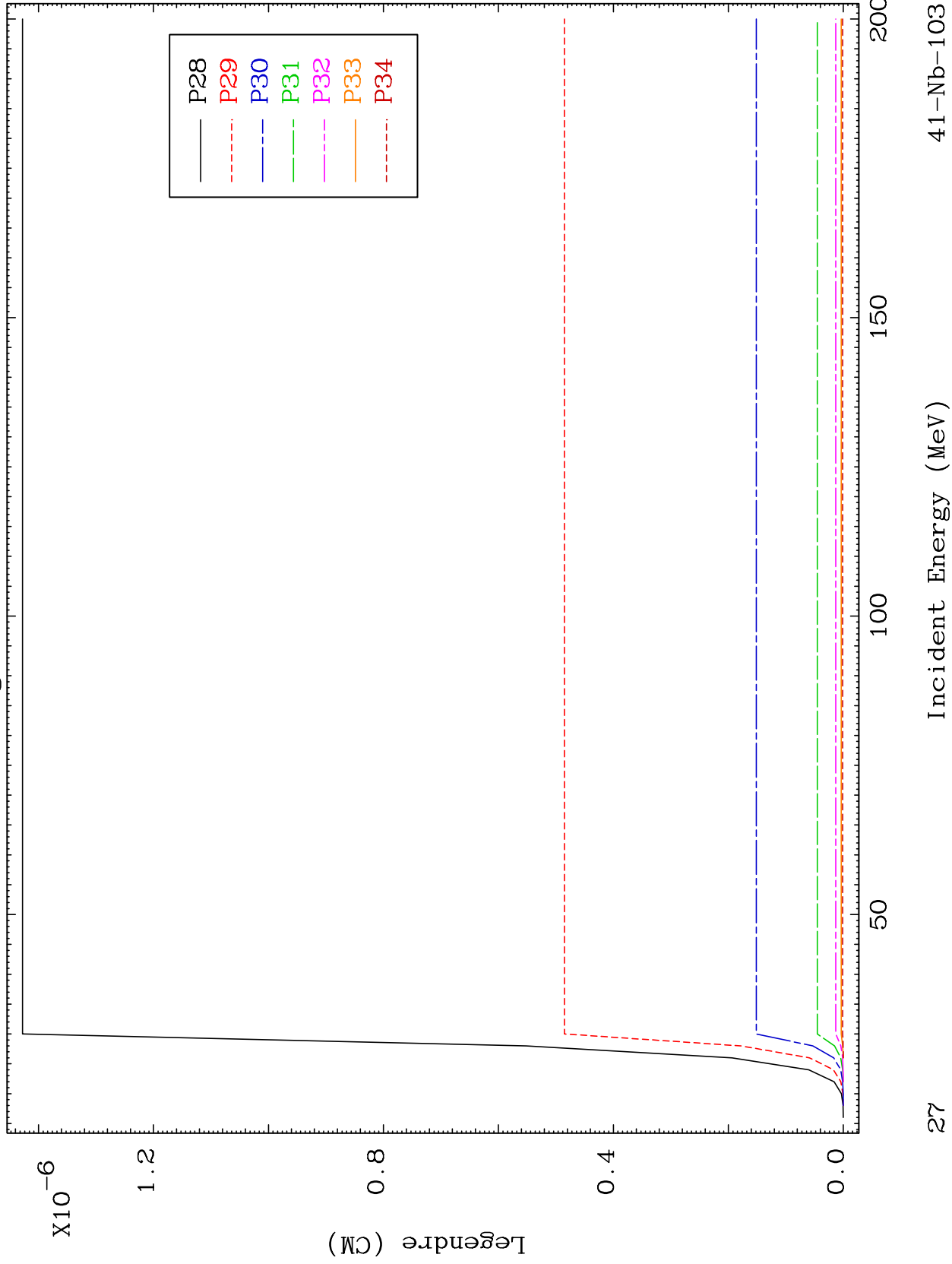
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



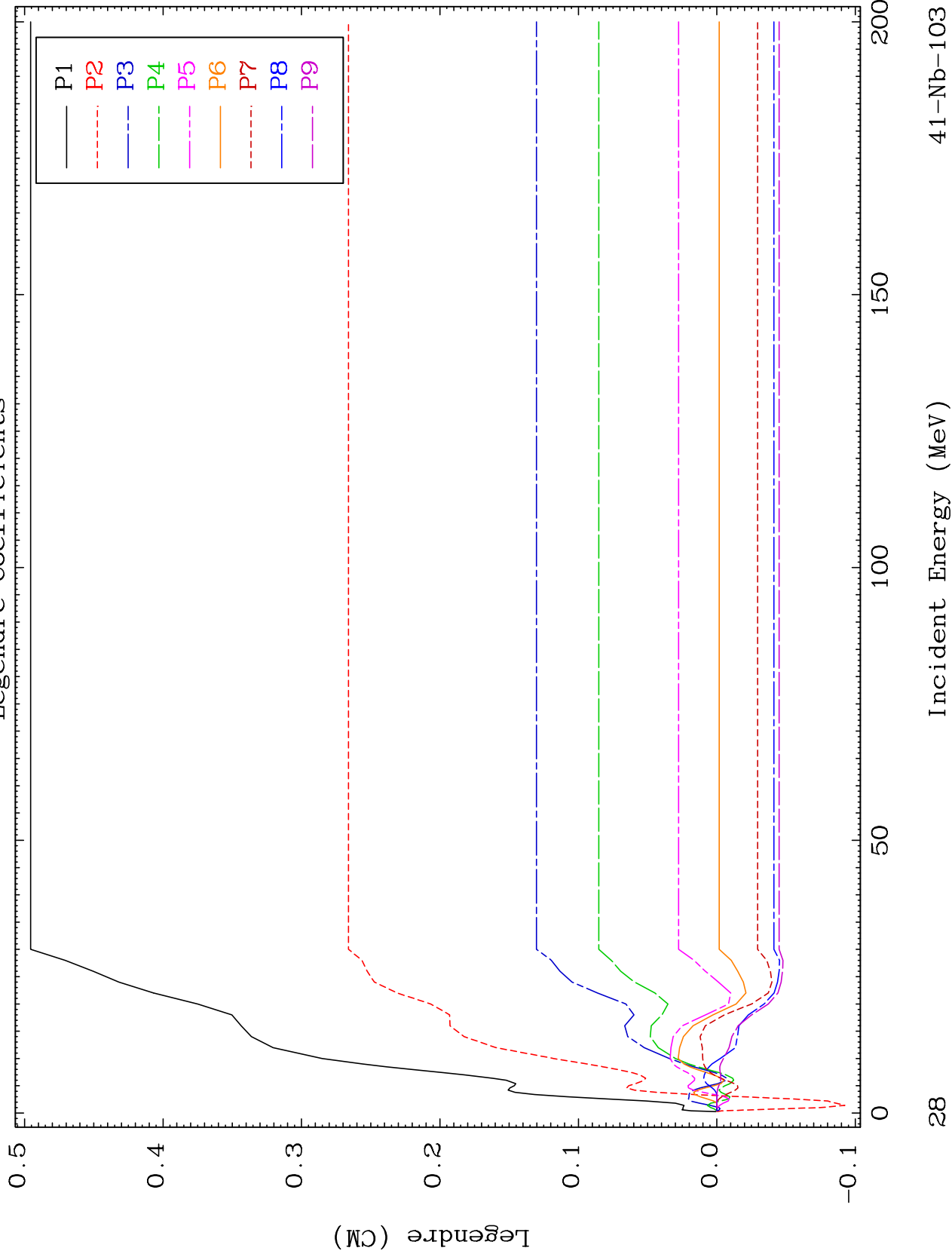
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MAT 4155

MT= 53 (n,n') Level

41-Nb-103

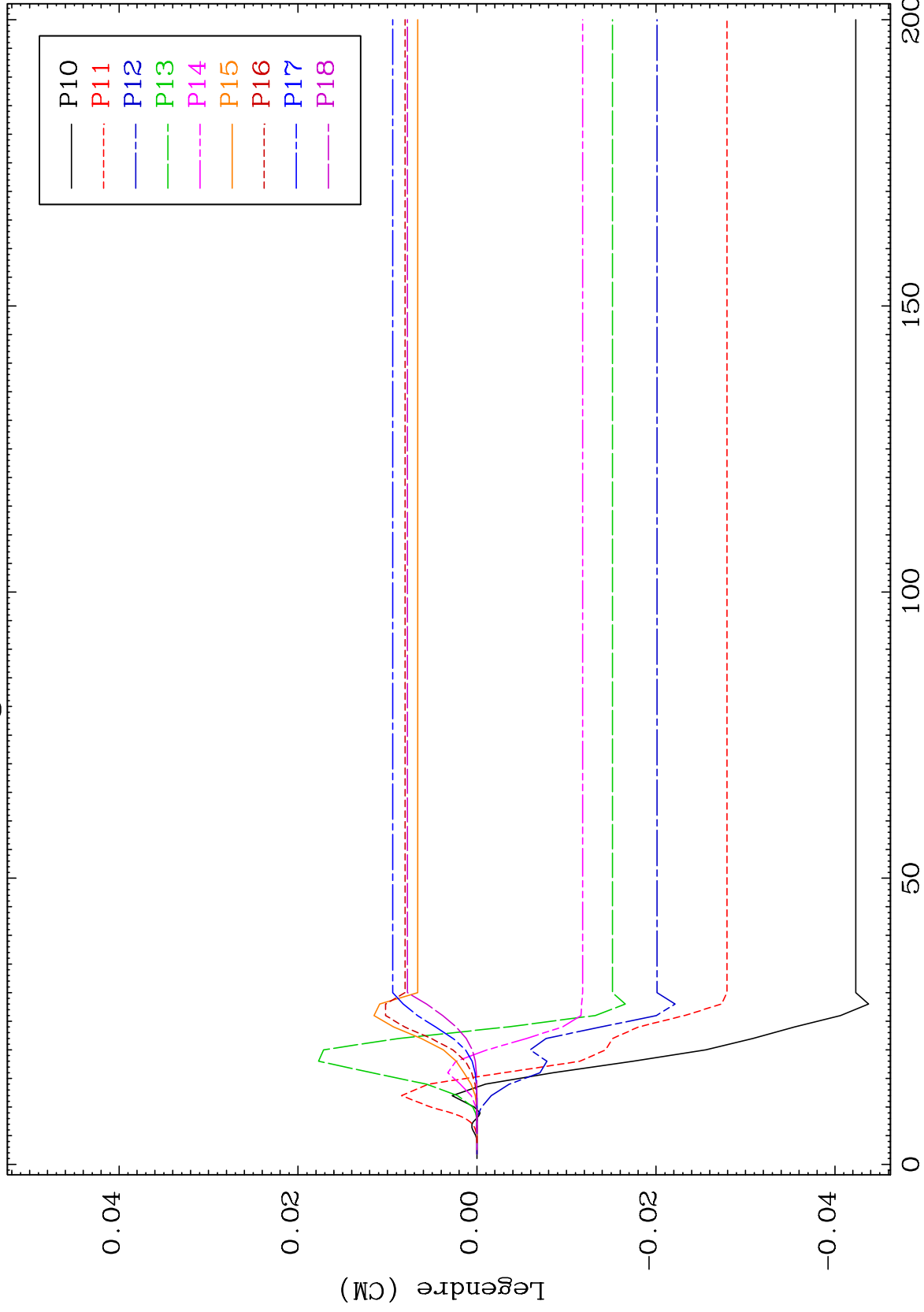
Legendre Coefficients



MAT 4155

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

41-Nb-103



29

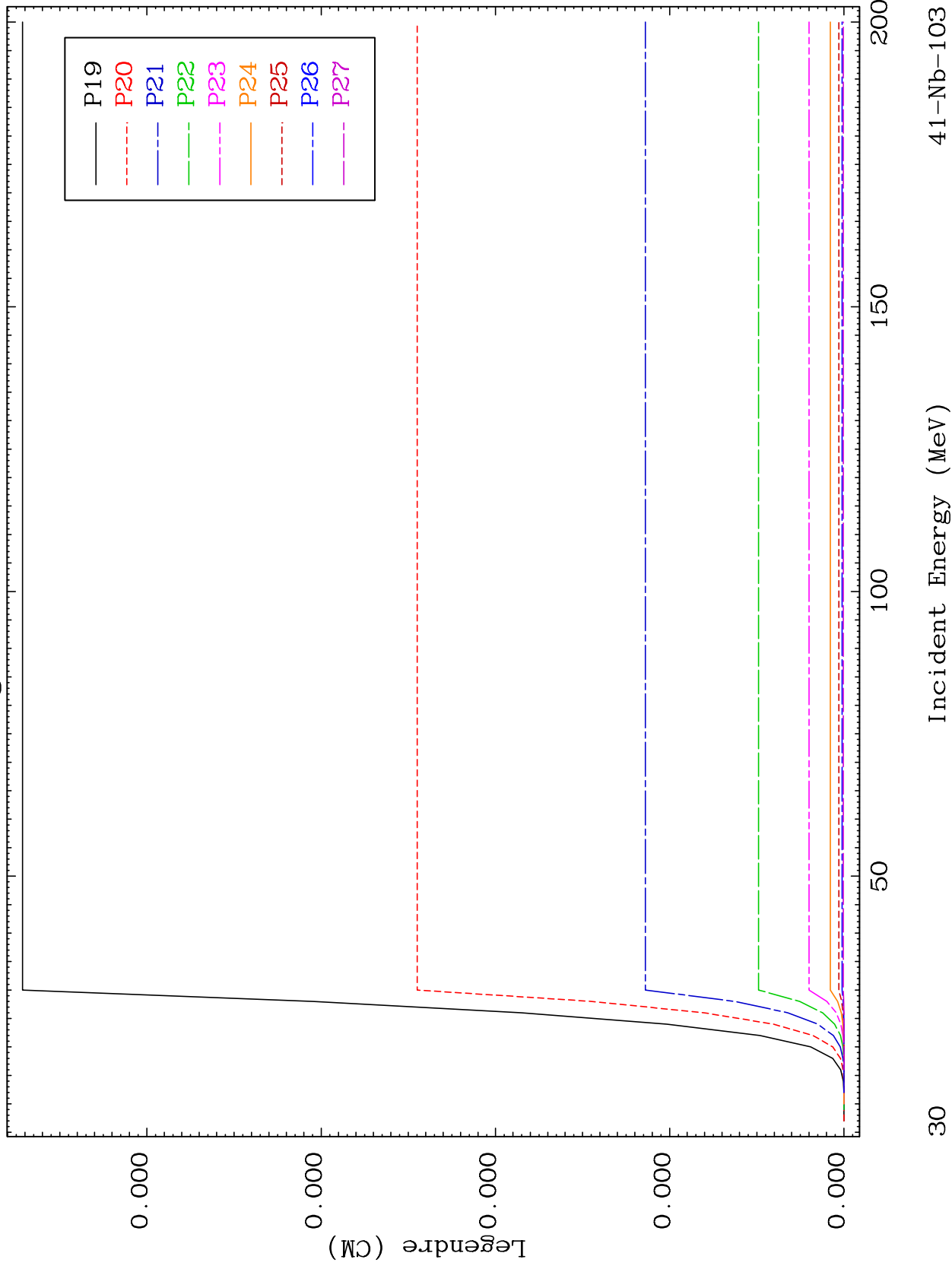
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



30

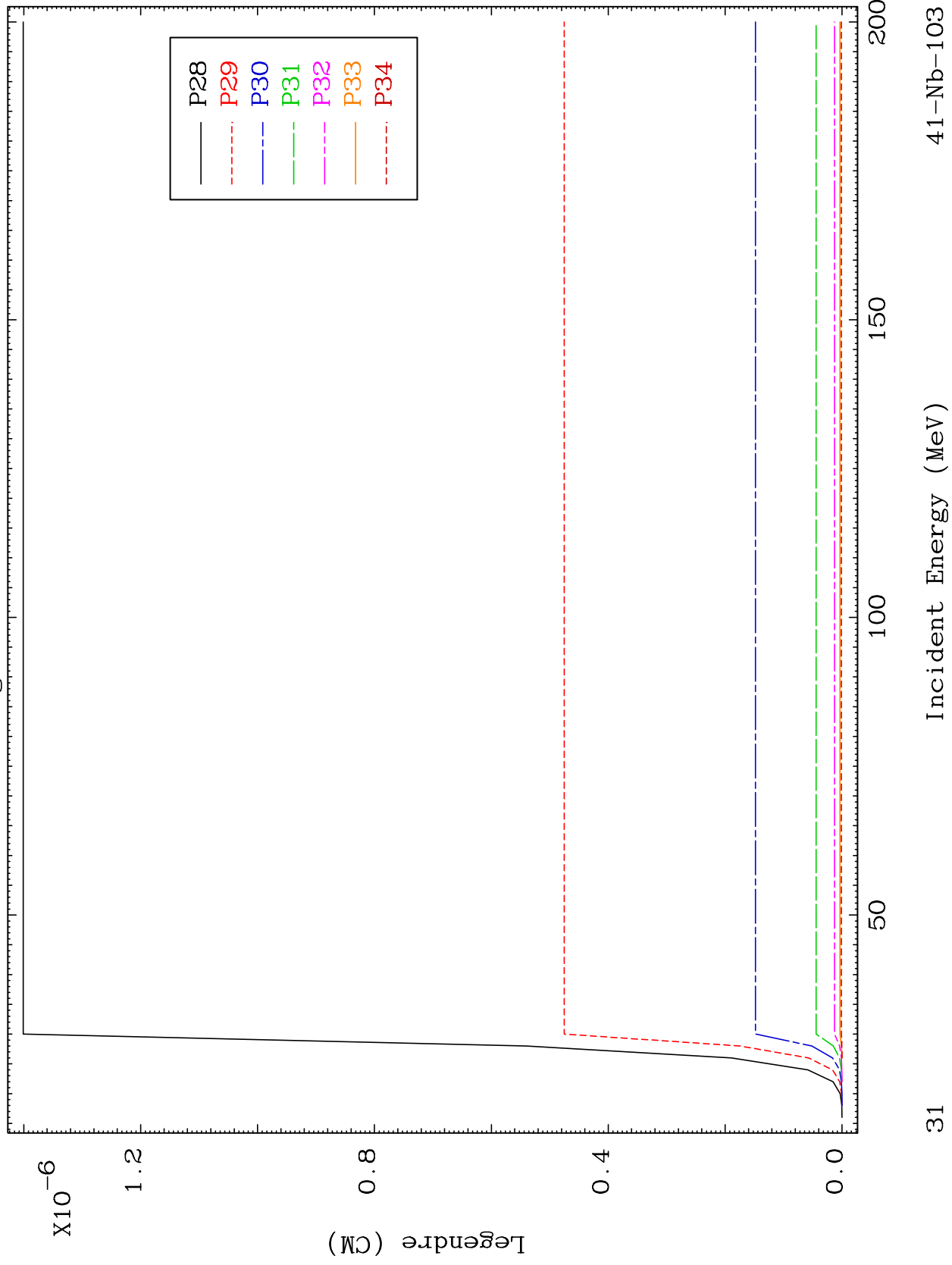
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



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Incident Energy (MeV)

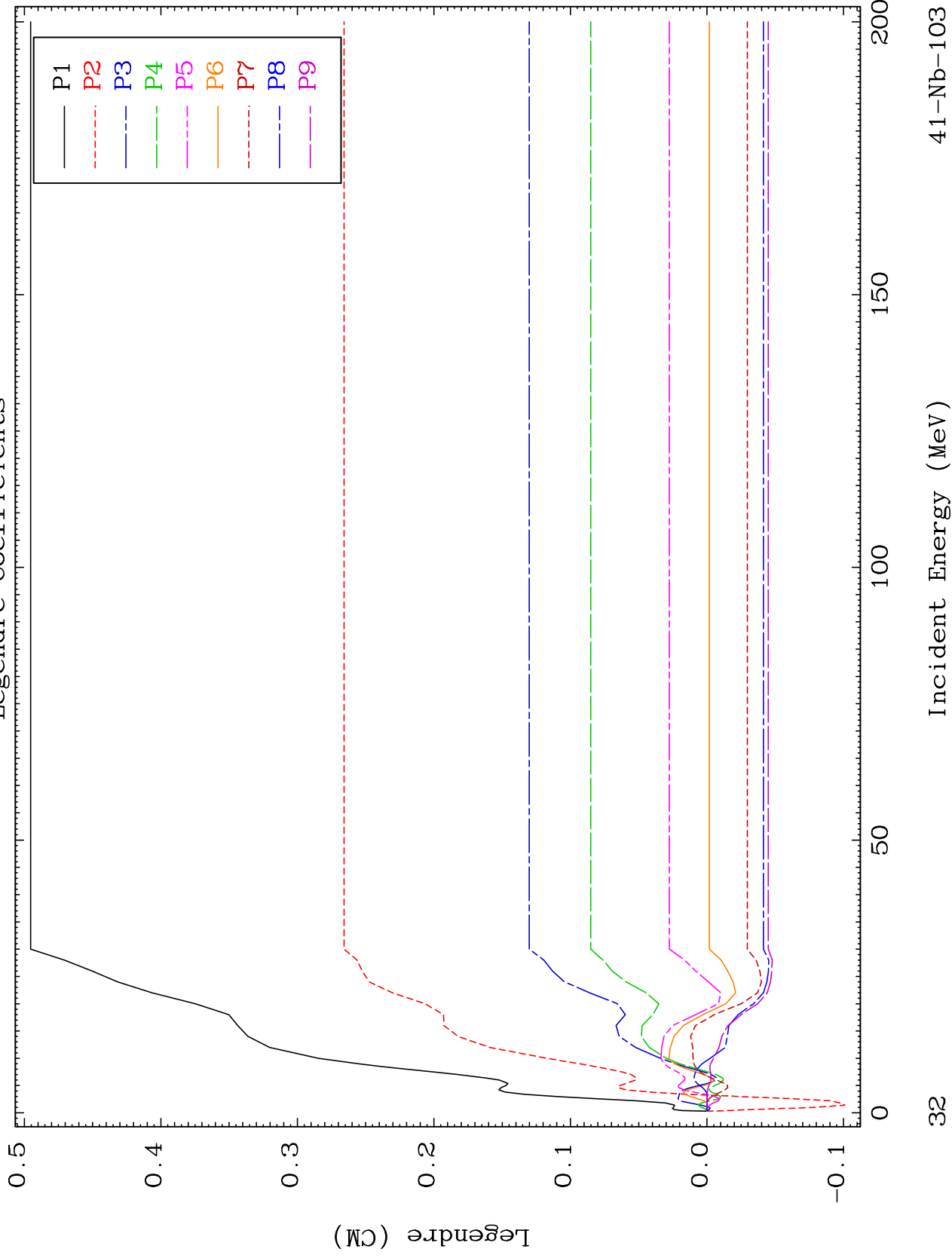
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MAT 4155

MT= 54 (n,n') Level

41-Nb-103

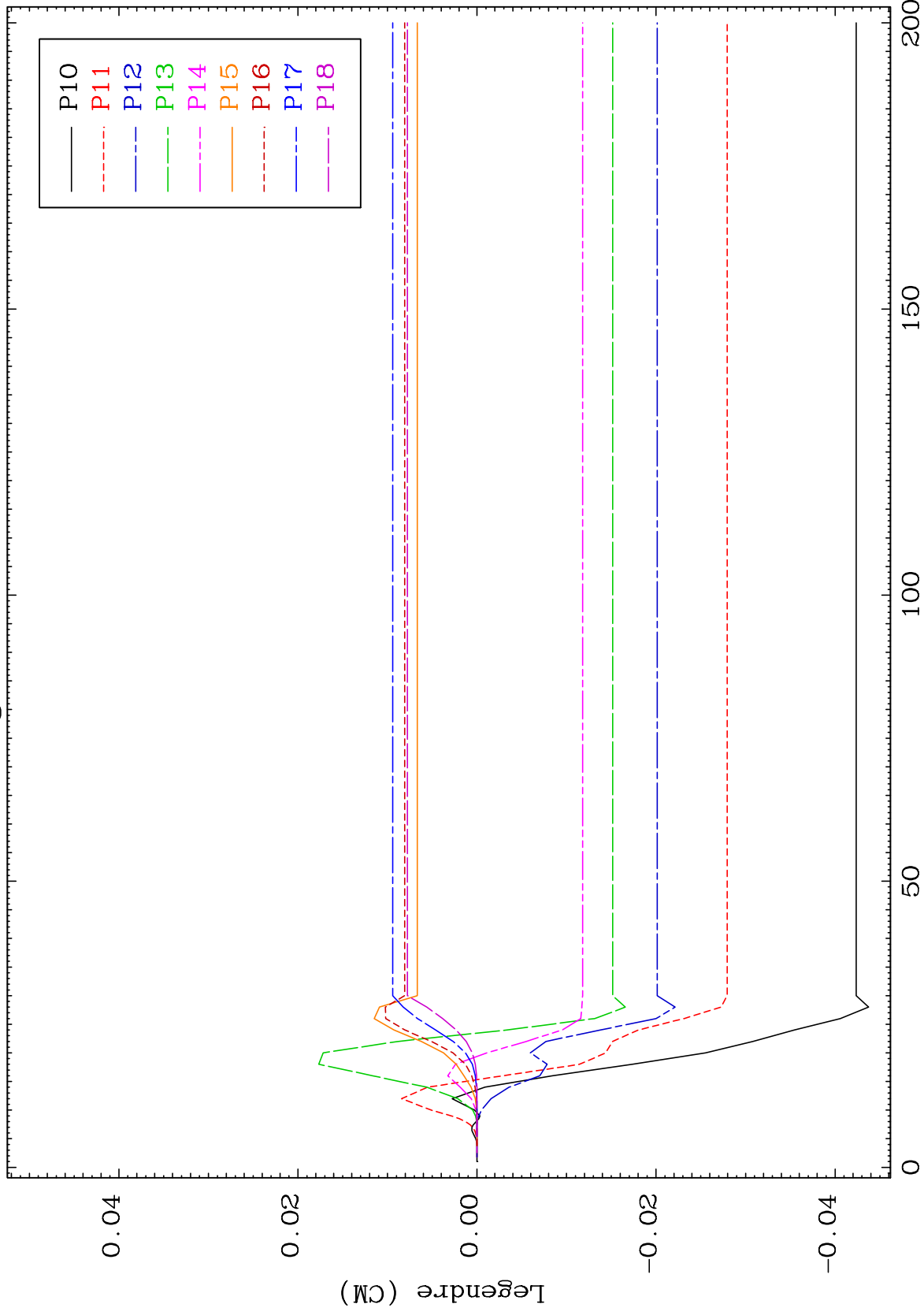
Legendre Coefficients



MAT 4155

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

41-Nb-103



33

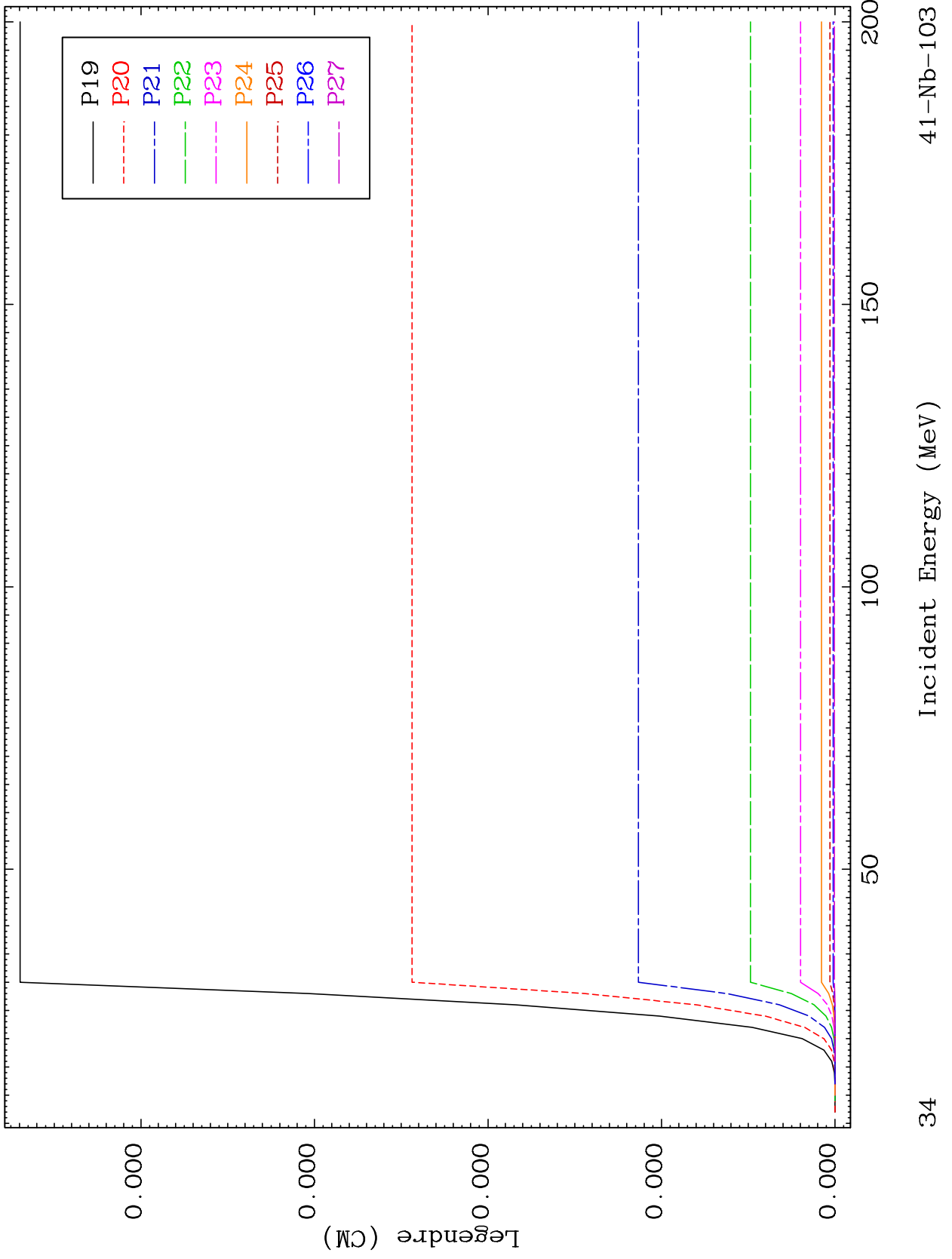
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



34

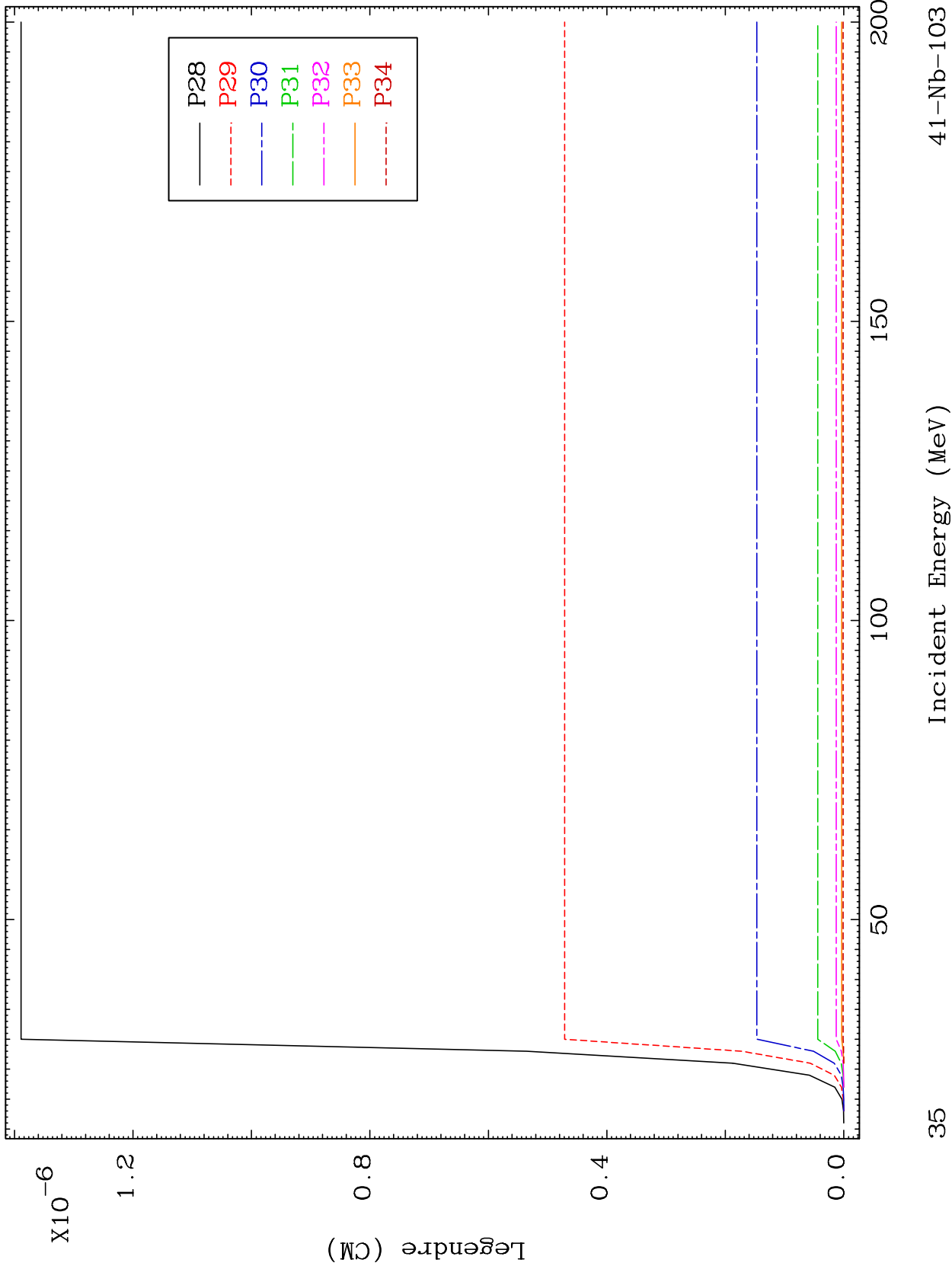
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



35

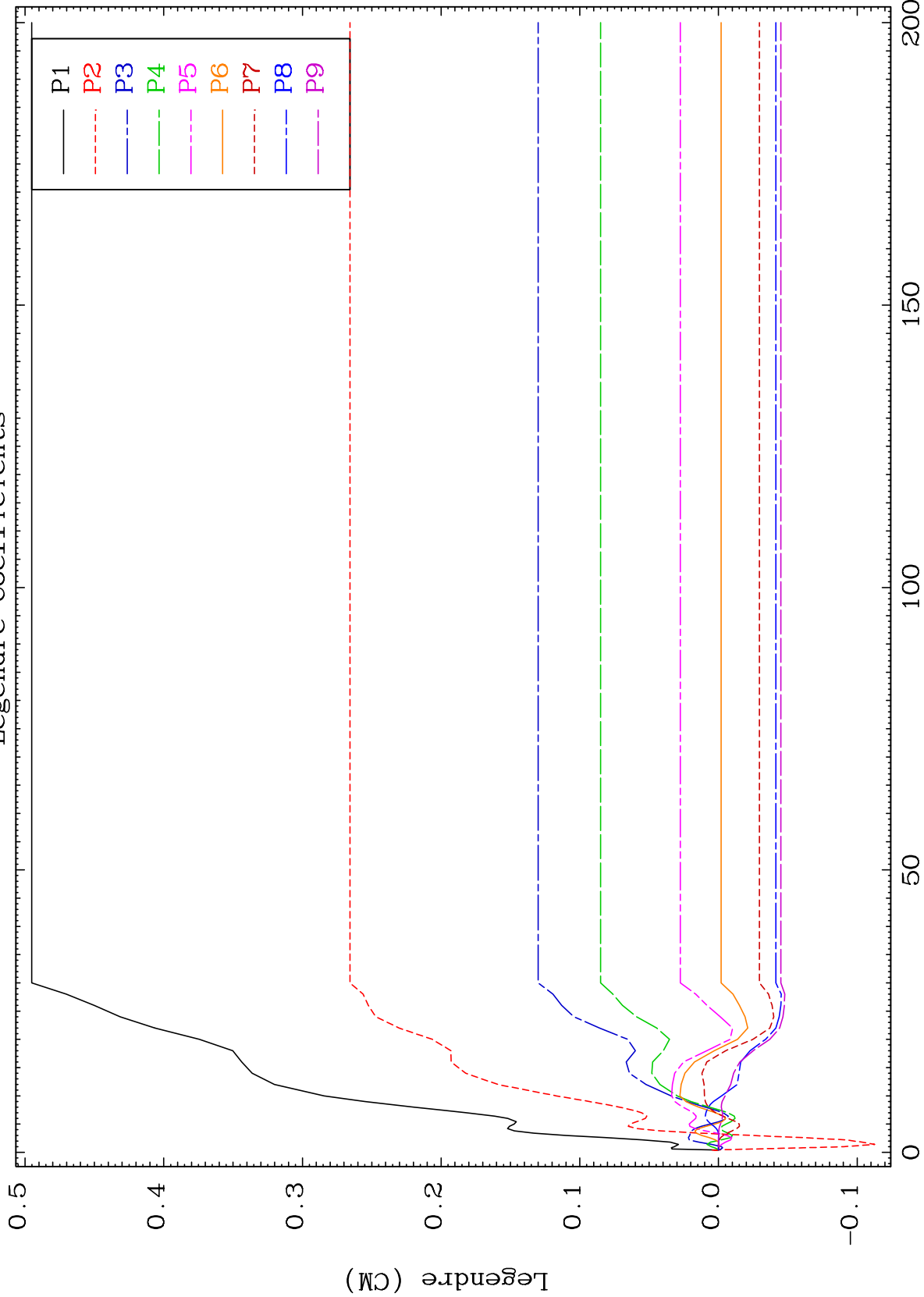
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



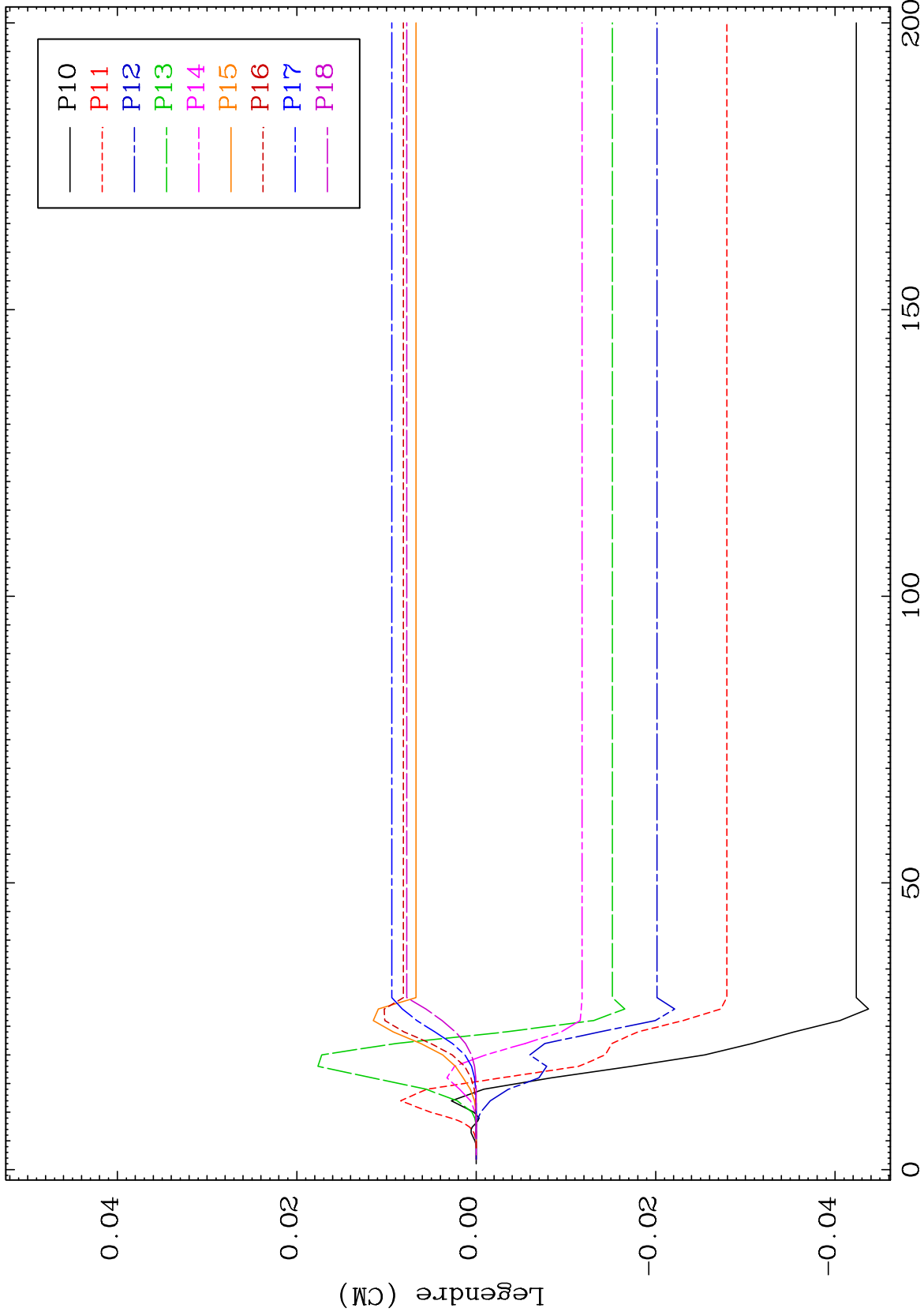
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41-Nb-103

MAT 4155

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

41-Nb-103



37

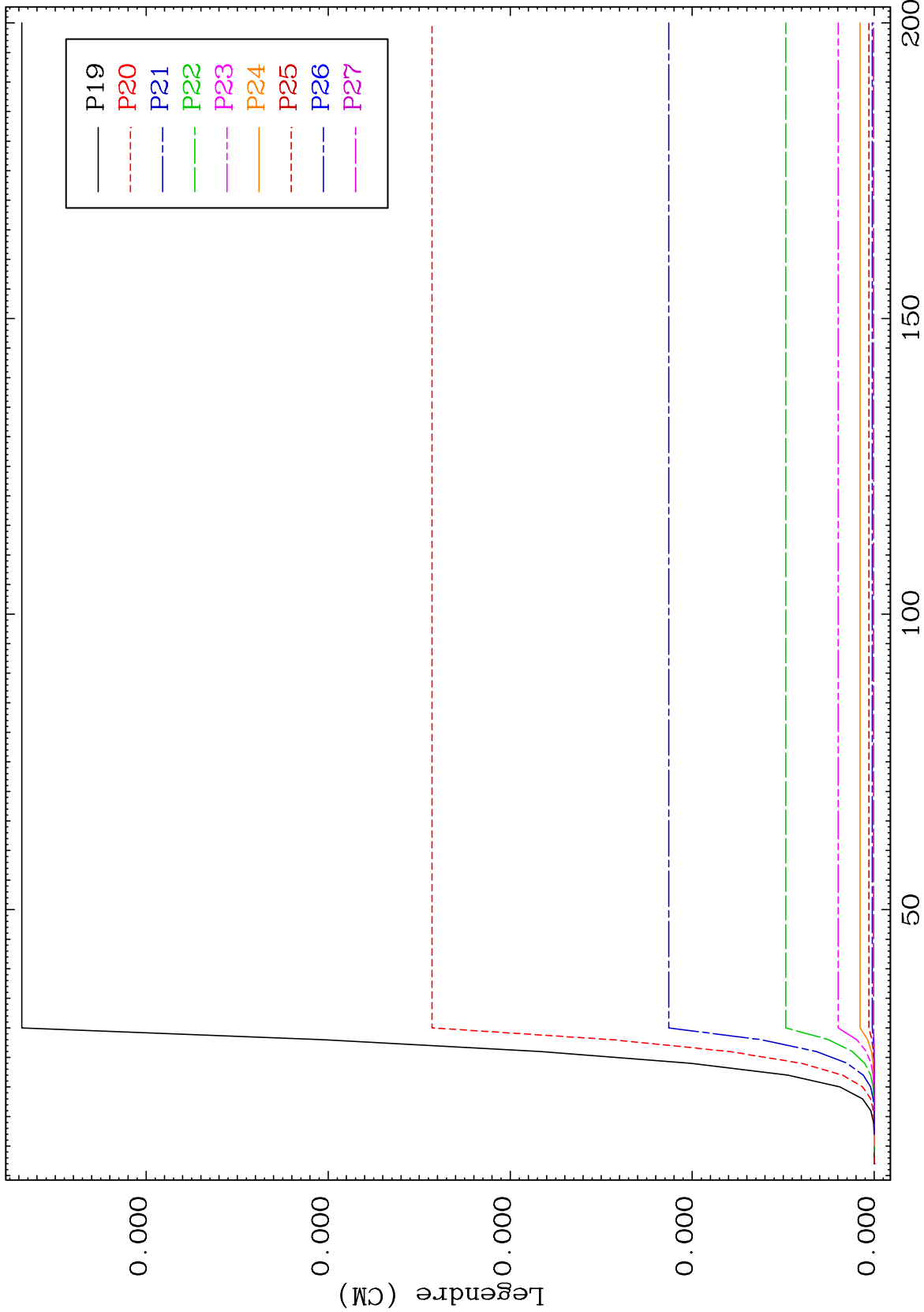
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



38

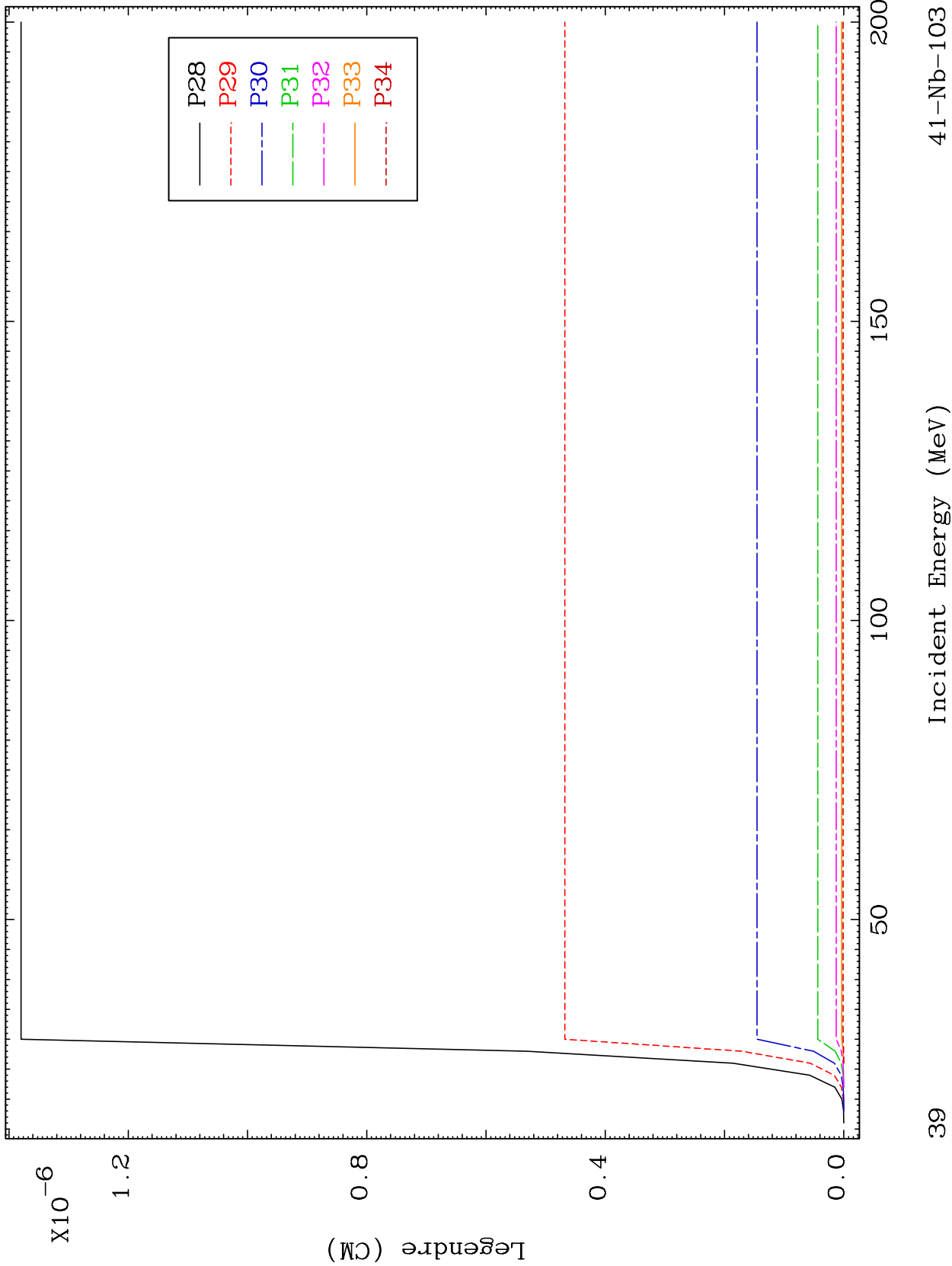
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

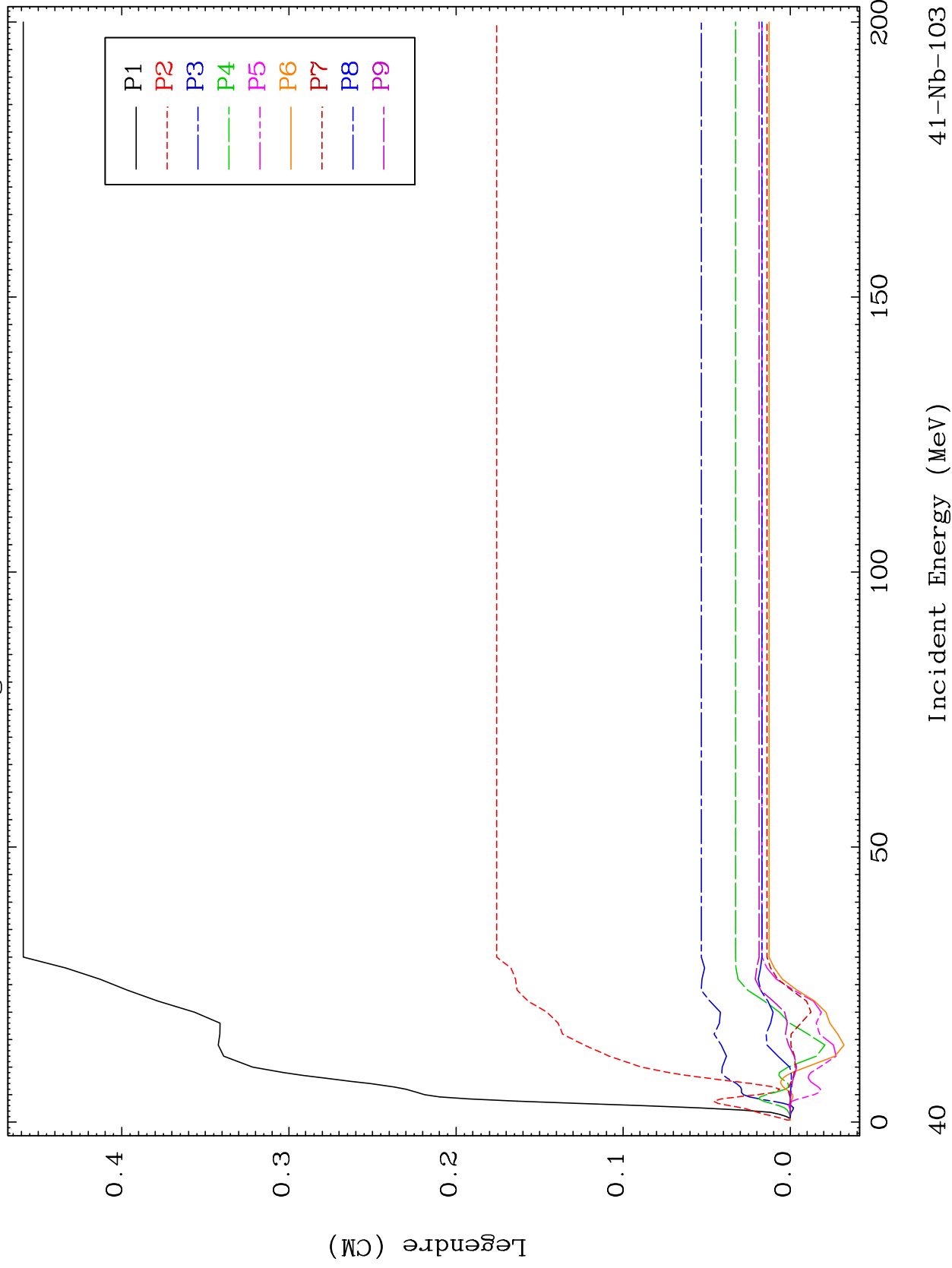
41-Nb-103



MAT 4155

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

41-Nb-103



41-Nb-103

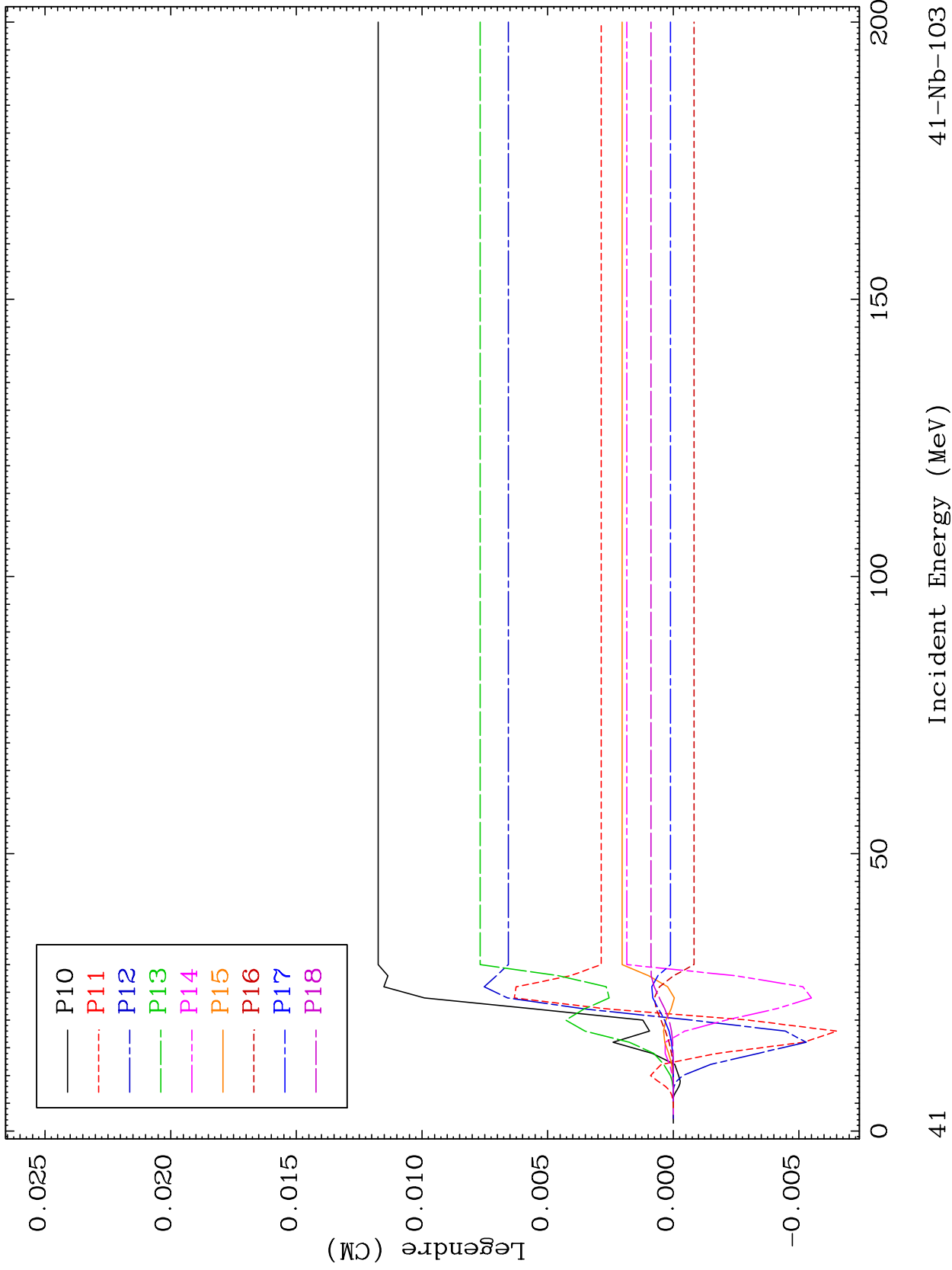
Incident Energy (MeV)

40

MAT 4155

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

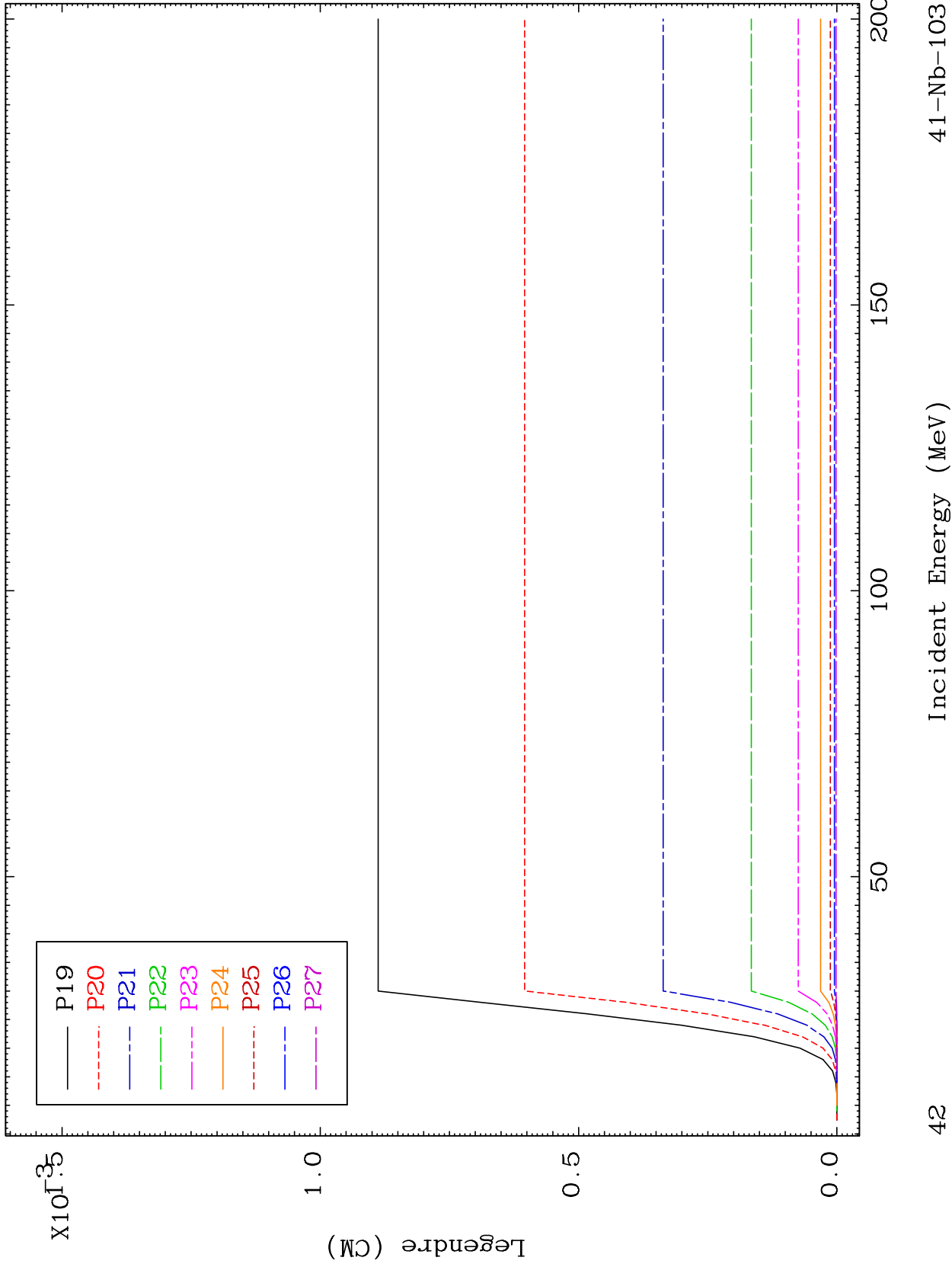
41-Nb-103



41

Incident Energy (MeV)

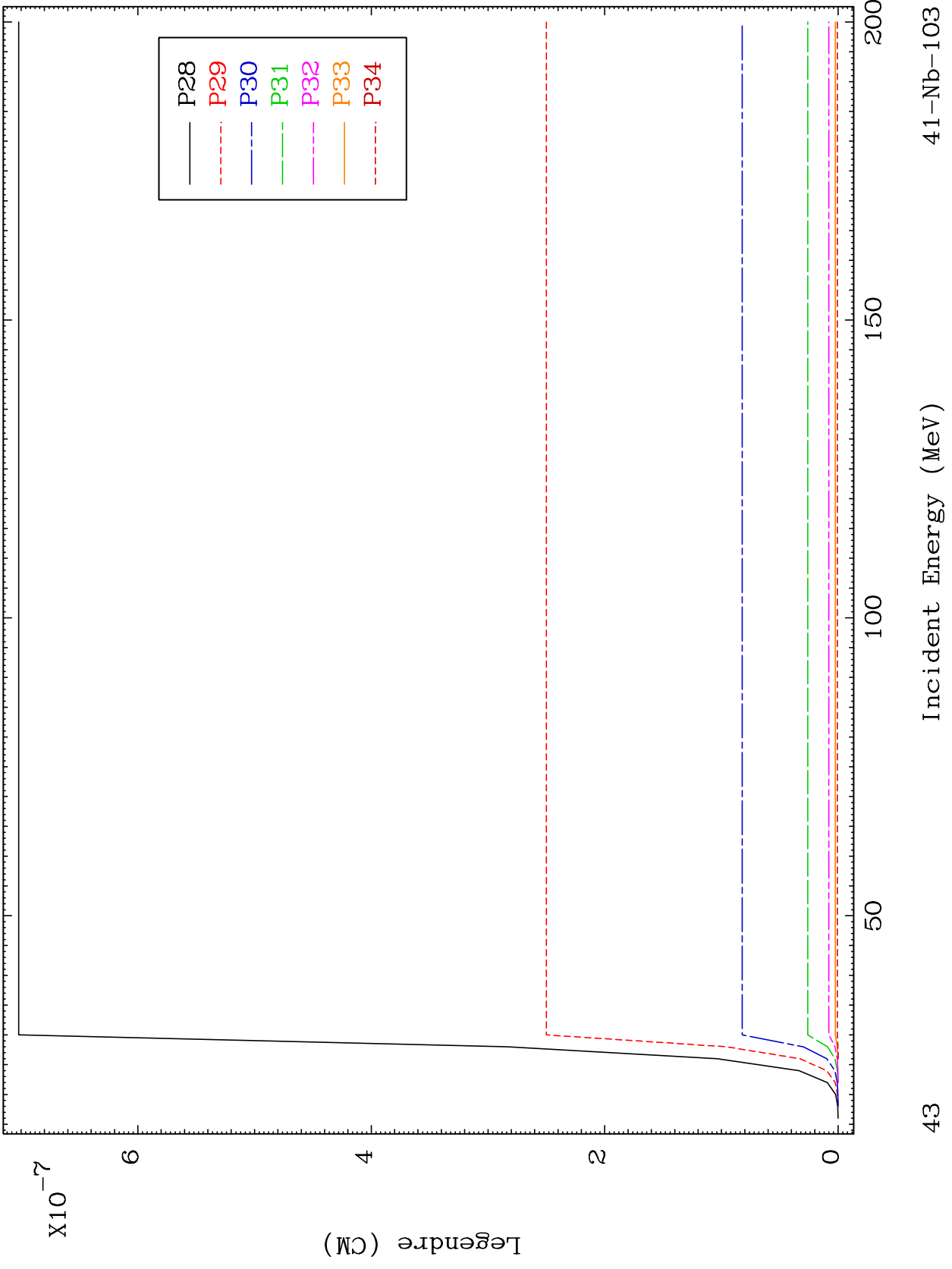
41-Nb-103



MAT 4155

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

41-Nb-103



43

Incident Energy (MeV)

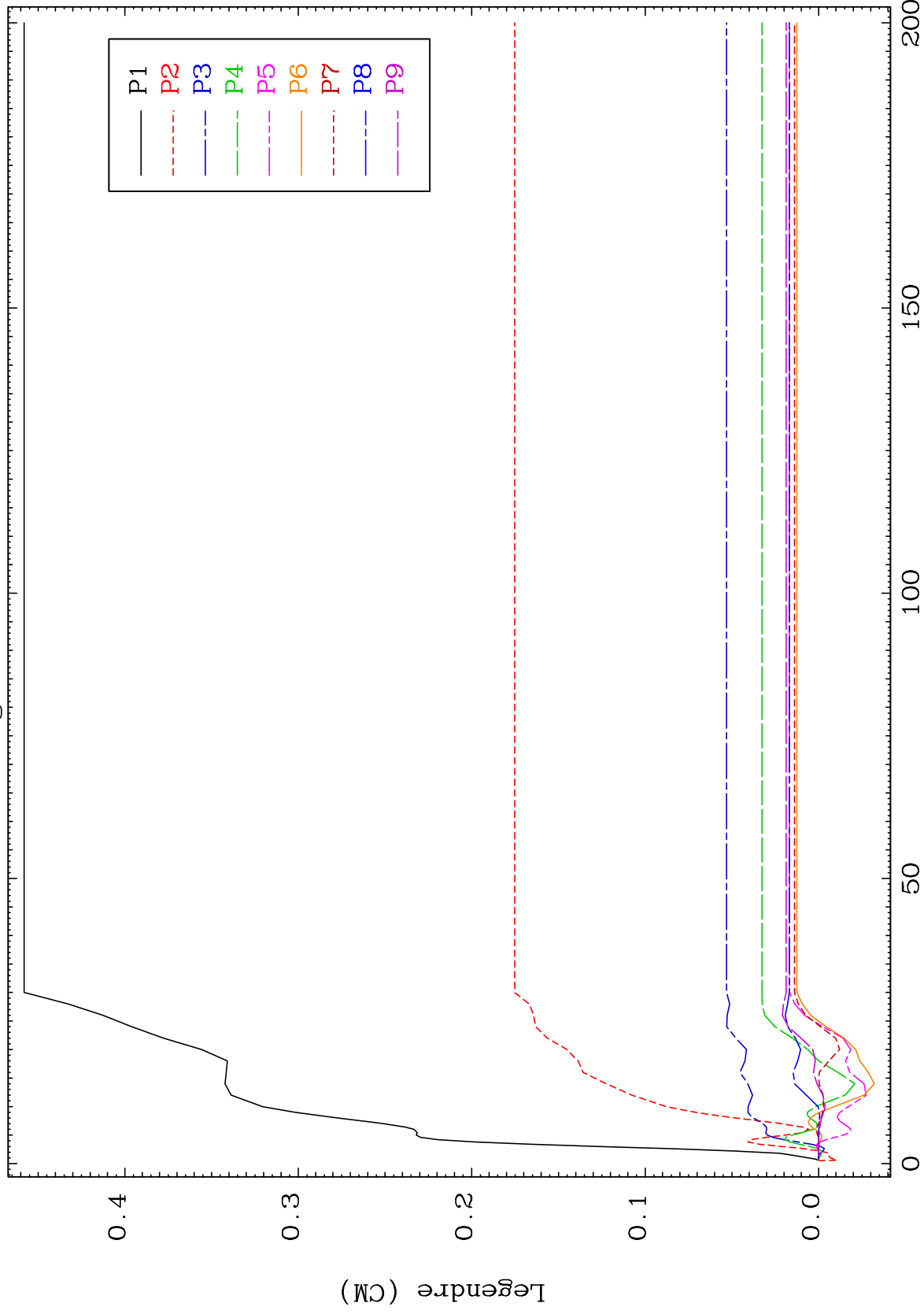
41-Nb-103

MAT 4155

MT= 57 (n,n') Level

41-Nb-103

Legendre Coefficients



44

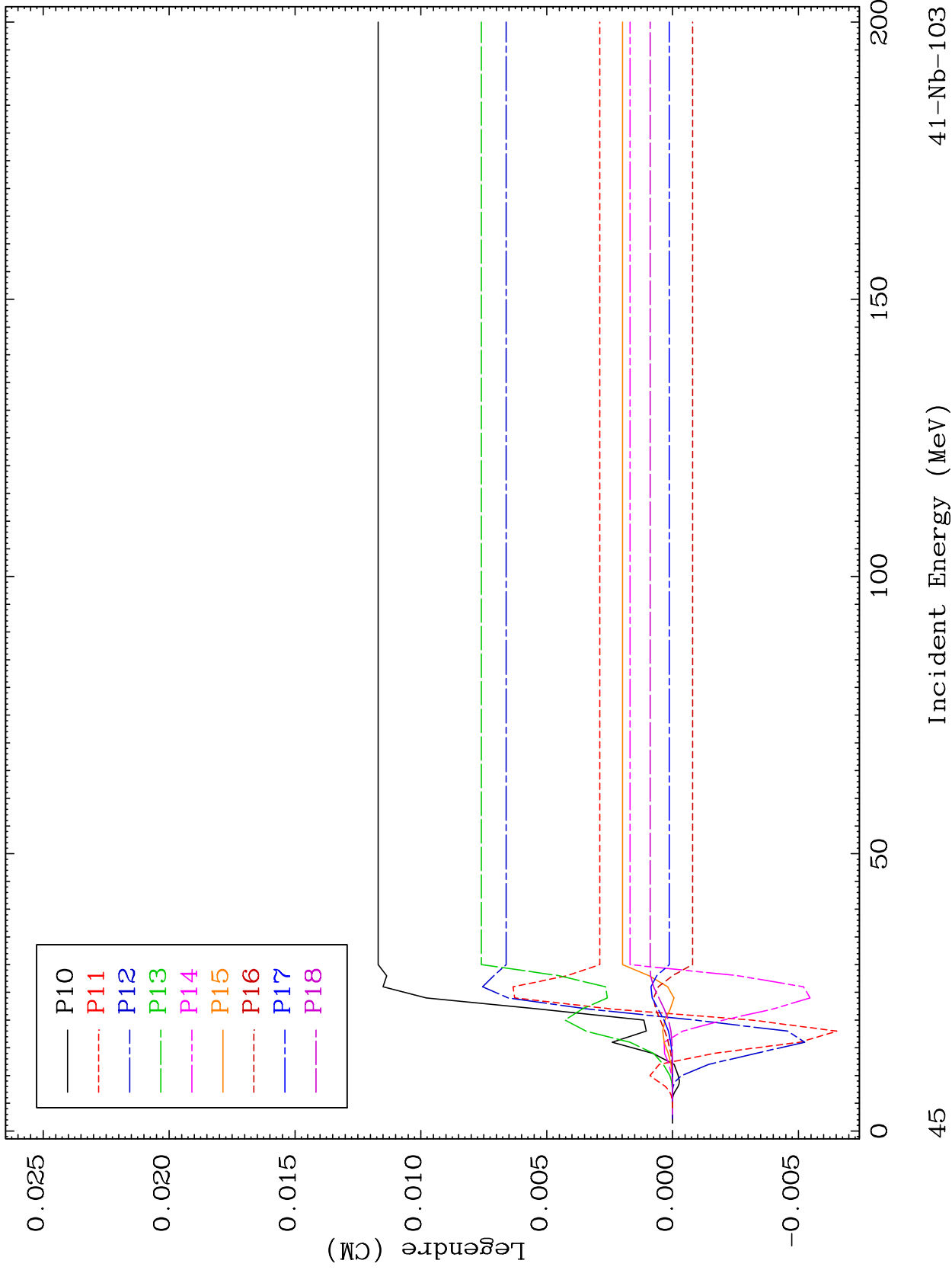
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



41-Nb-103

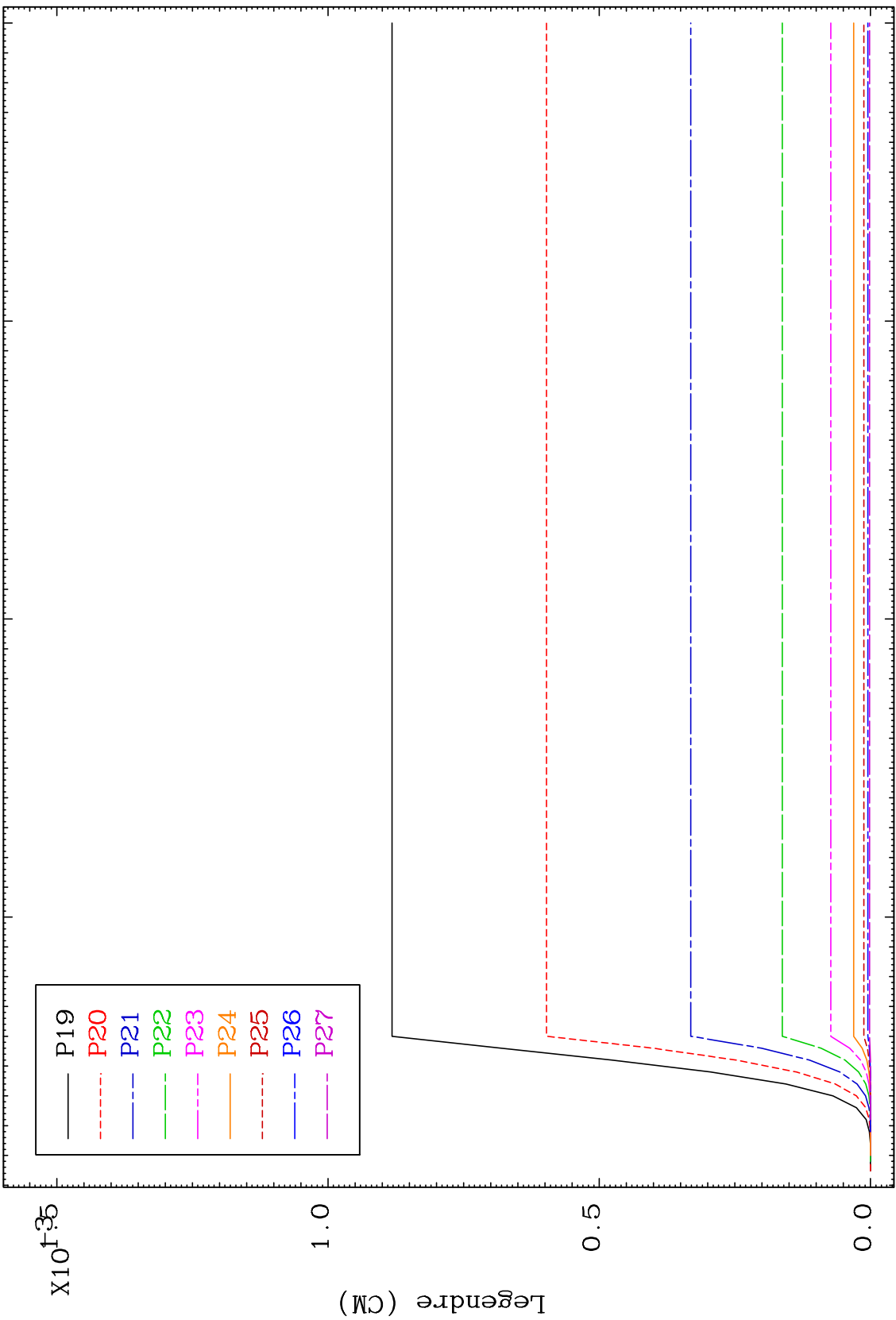
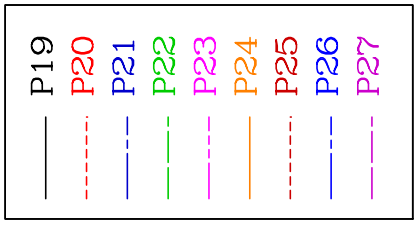
Incident Energy (MeV)

45

MAT 4155

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

41-Nb-103



46

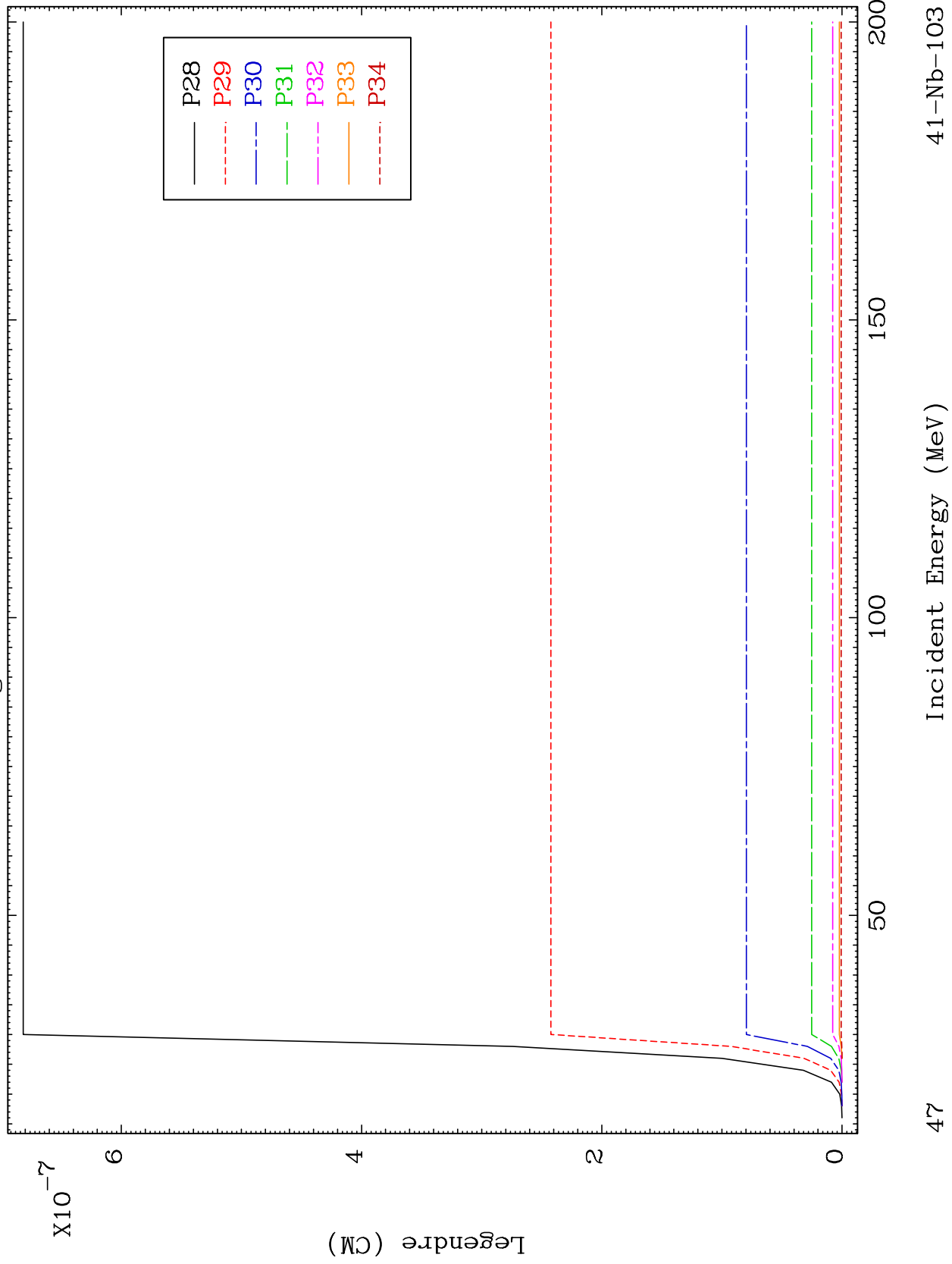
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

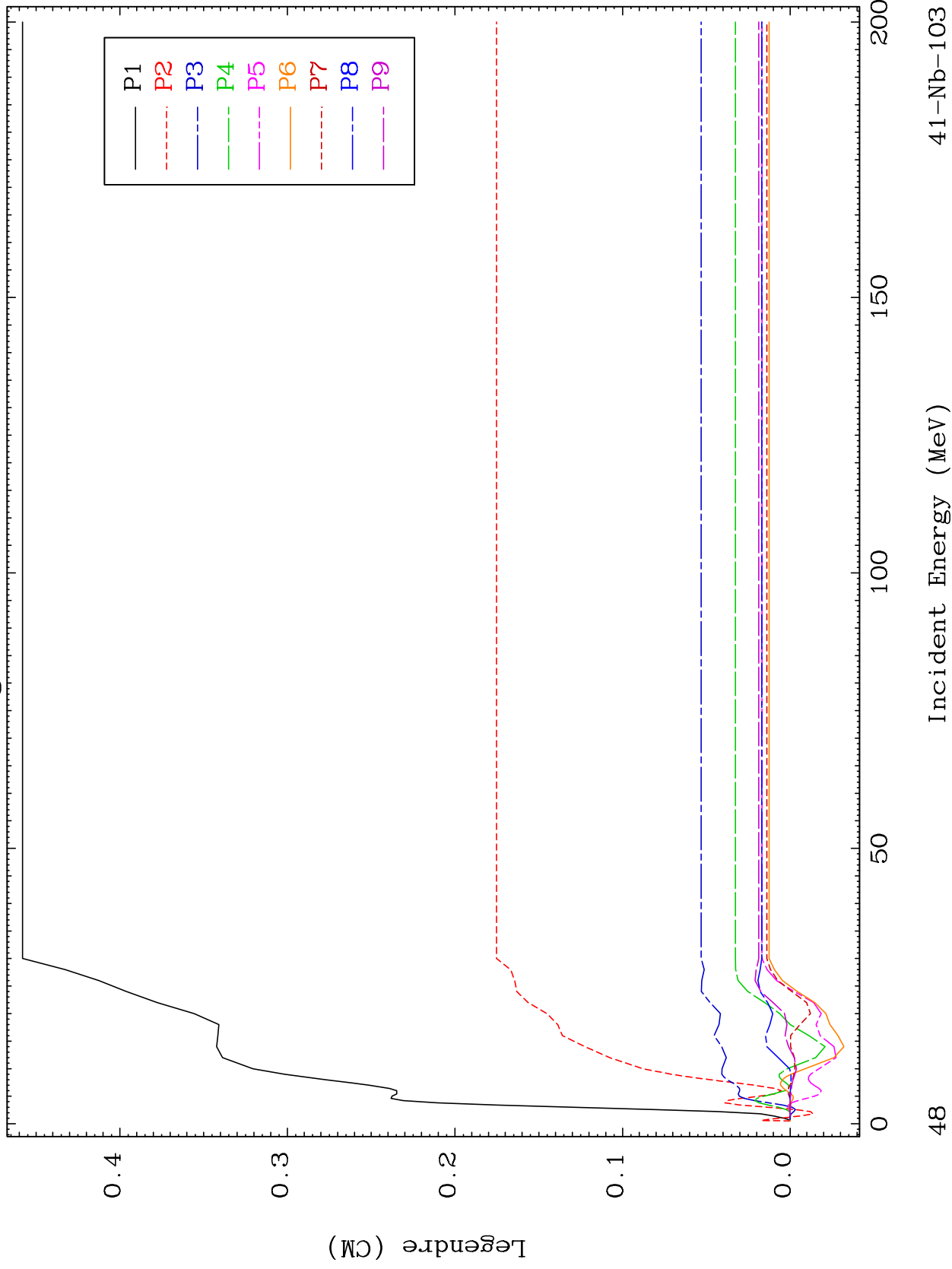
41-Nb-103



MAT 4155

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

41-Nb-103



41-Nb-103

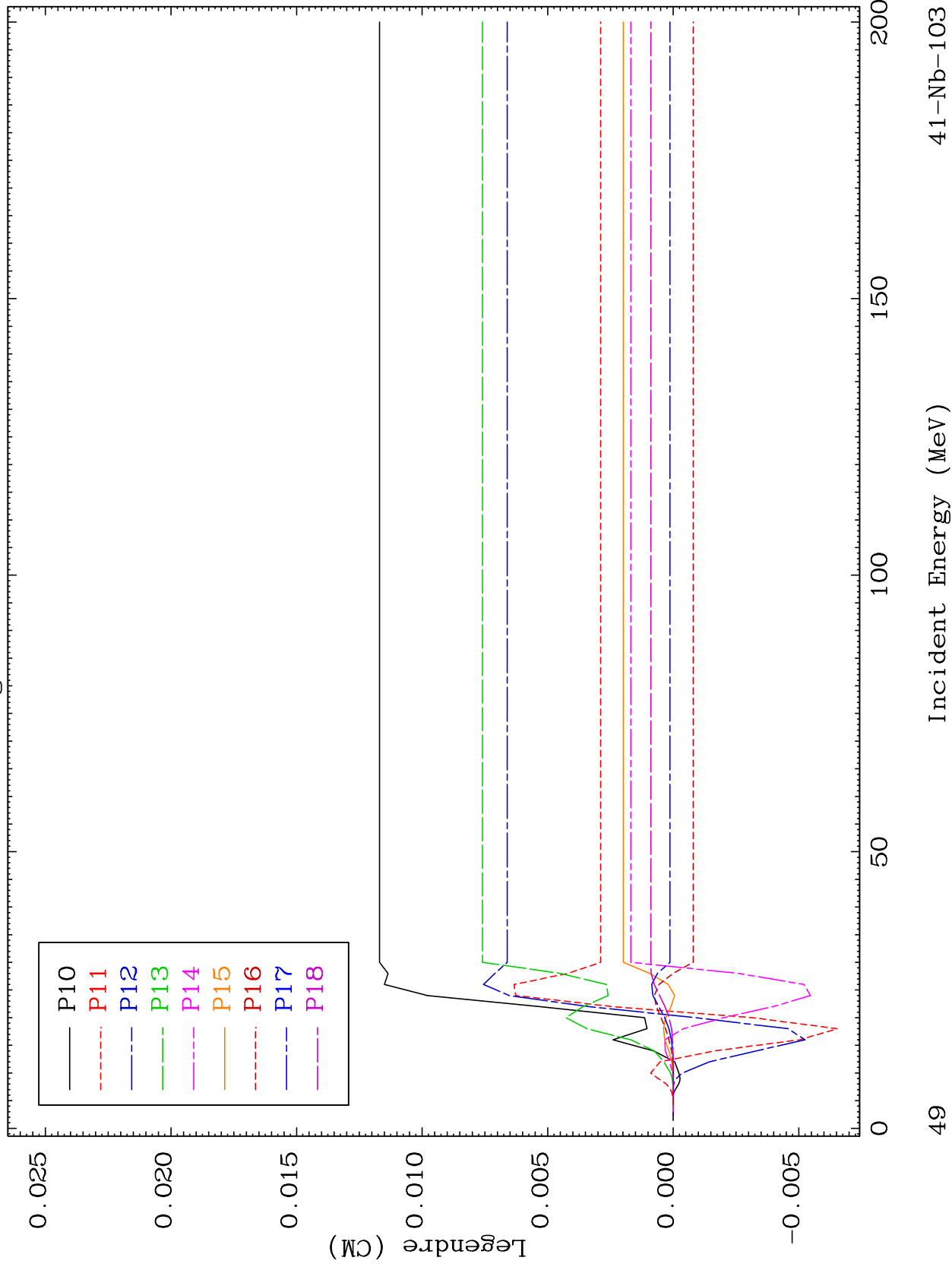
Incident Energy (MeV)

48

MAT 4155

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

41-Nb-103



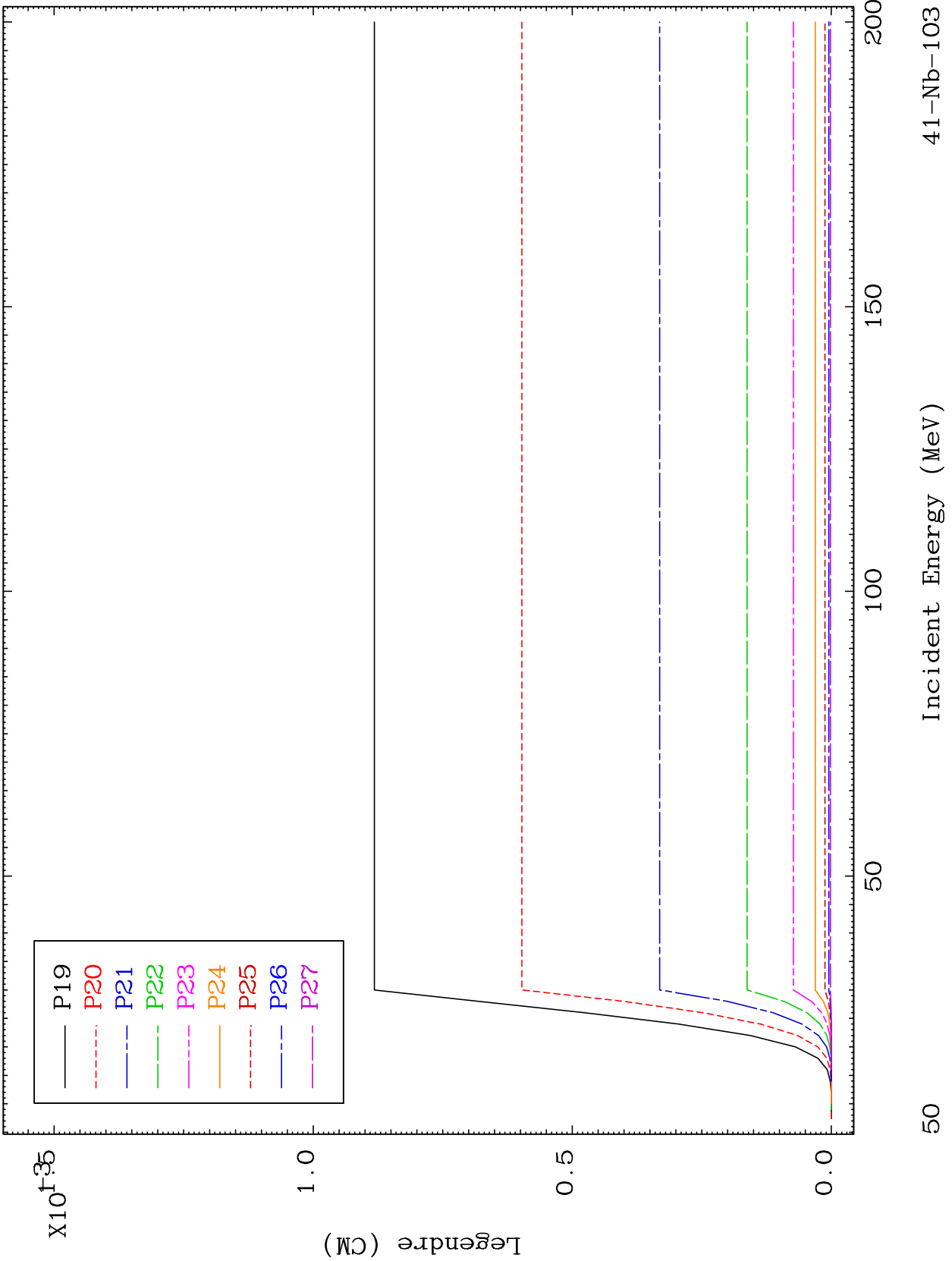
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41-Nb-103

MAT 4155

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

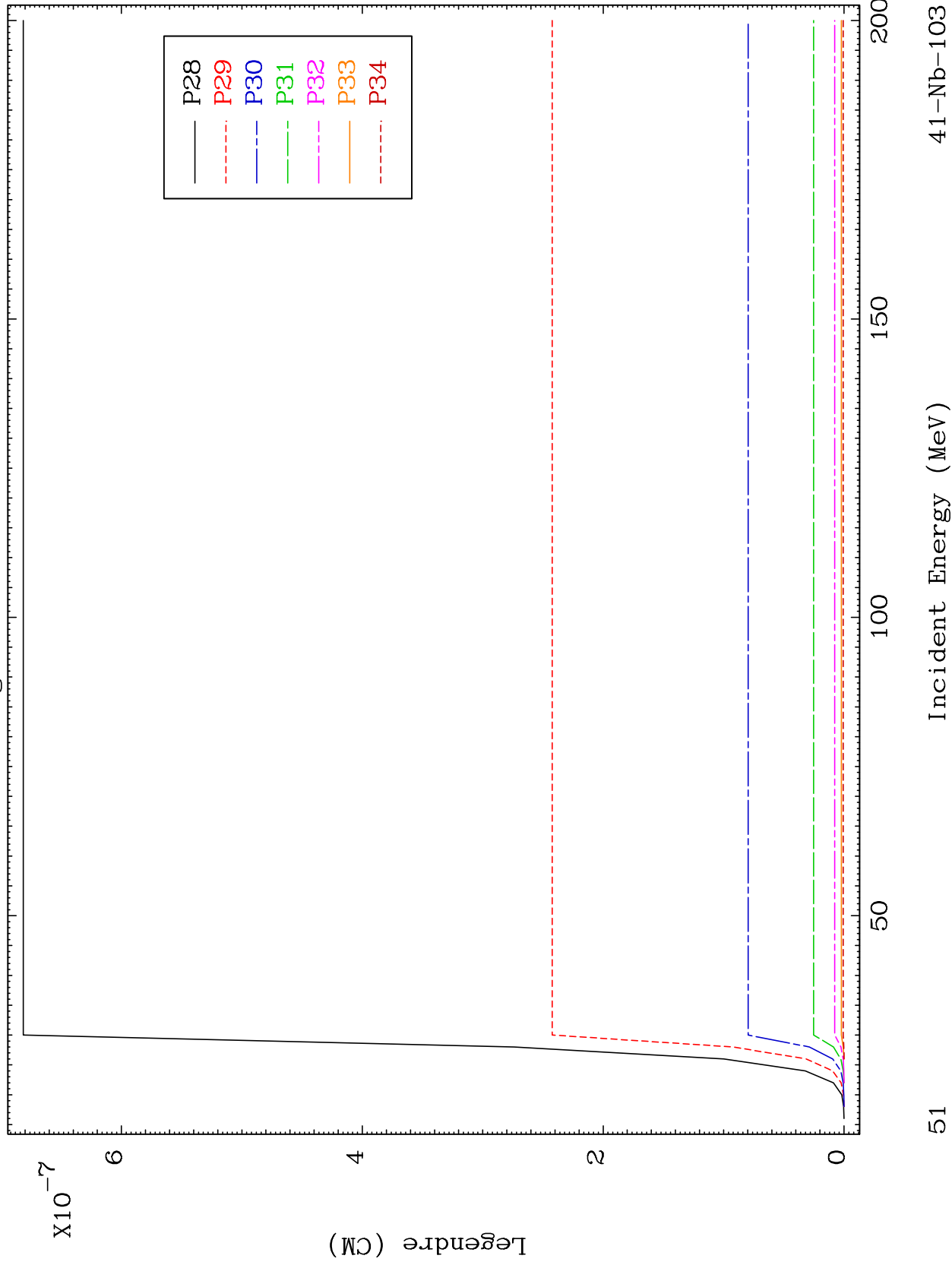
41-Nb-103



MAT 4155

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

41-Nb-103



51

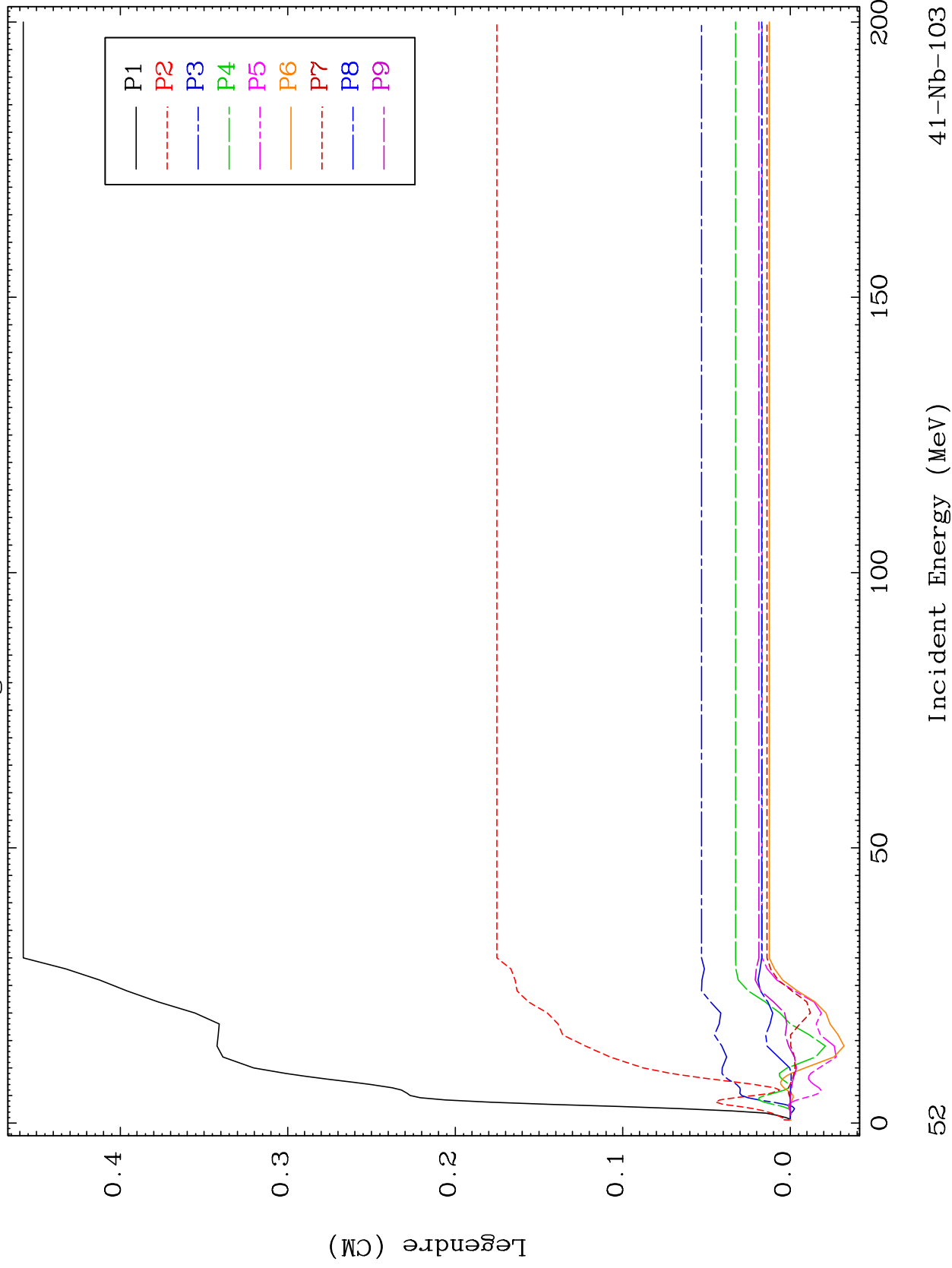
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



41-Nb-103

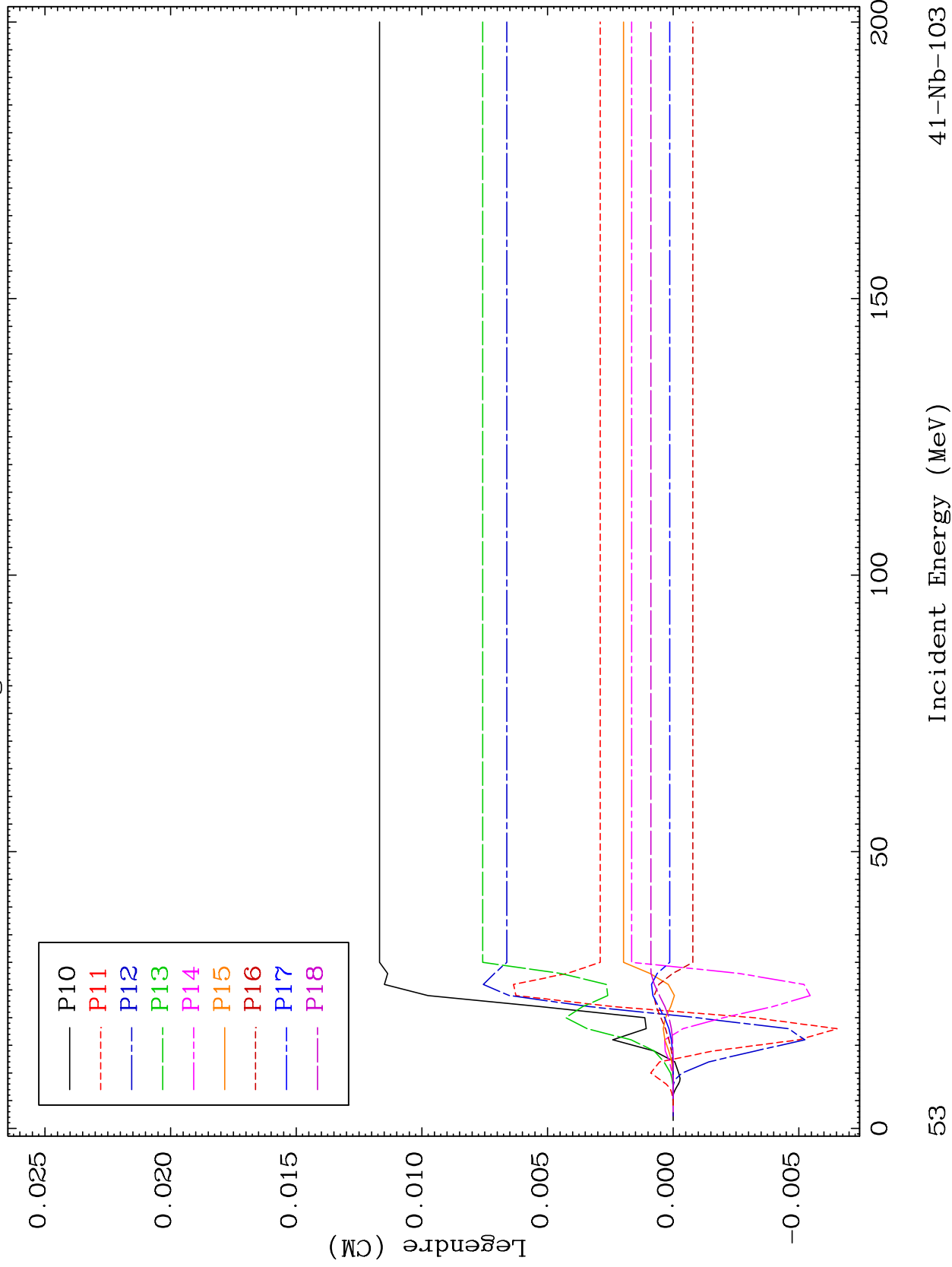
Incident Energy (MeV)

52

MAT 4155

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

41-Nb-103



53

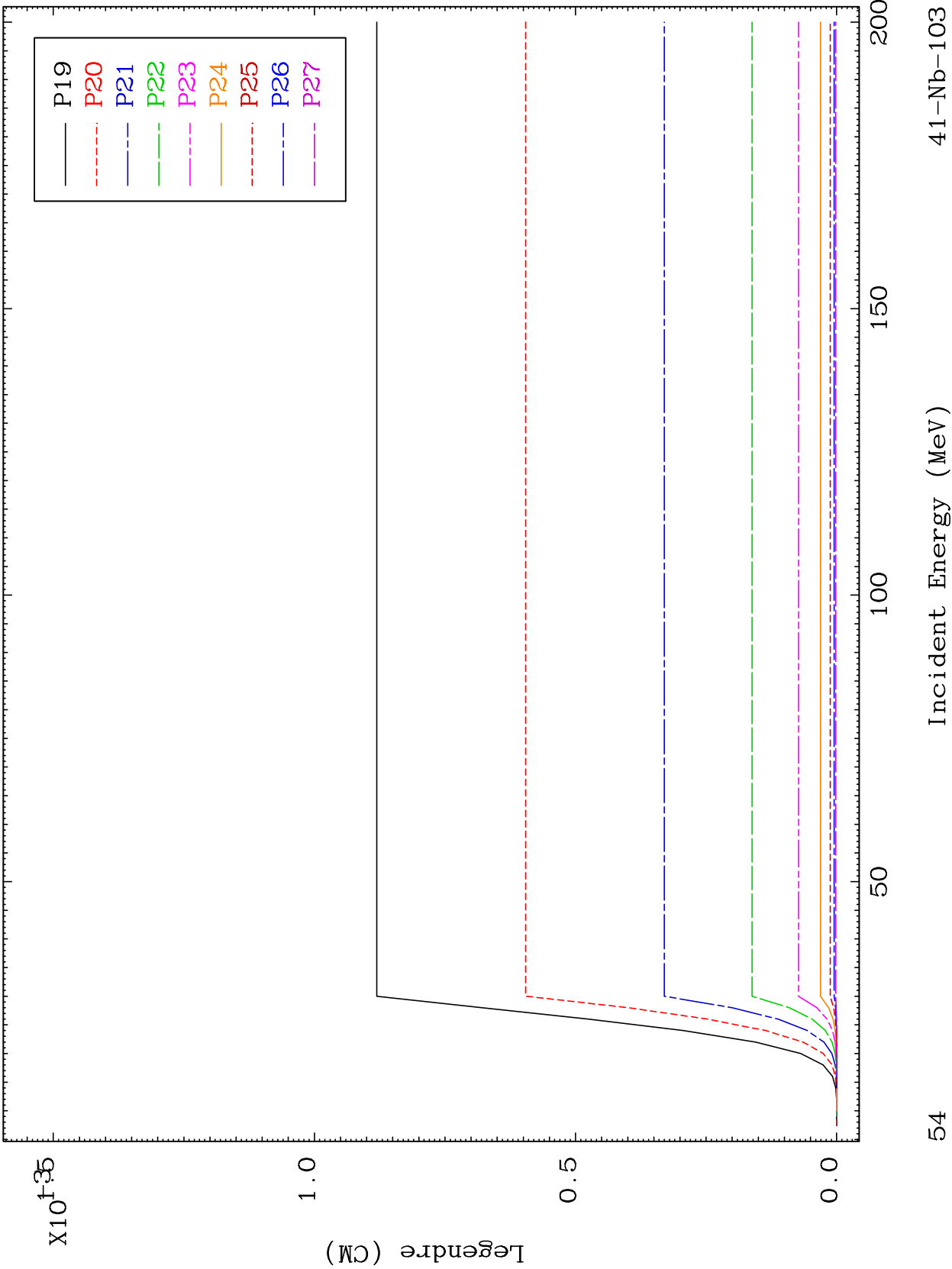
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



54

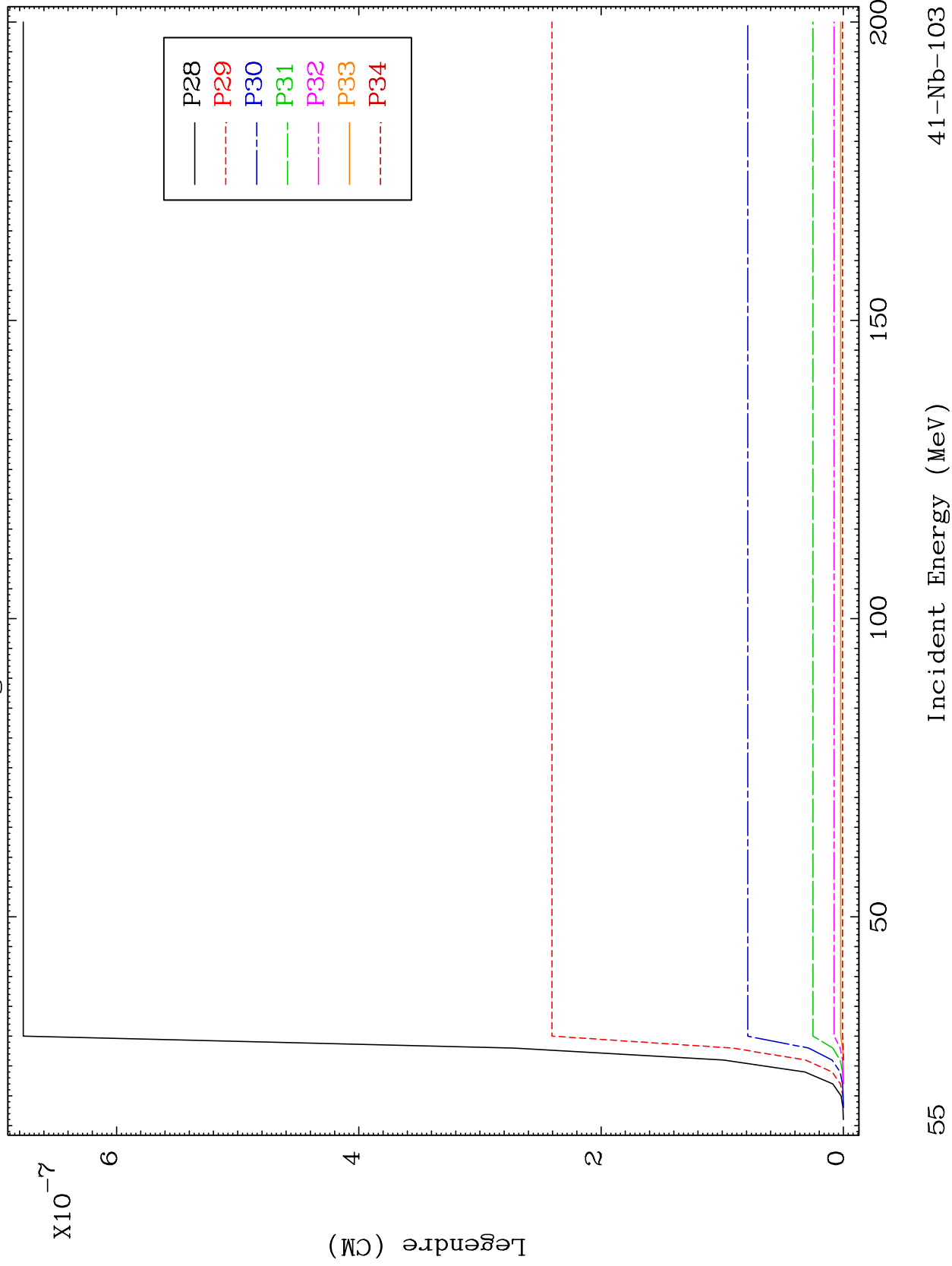
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

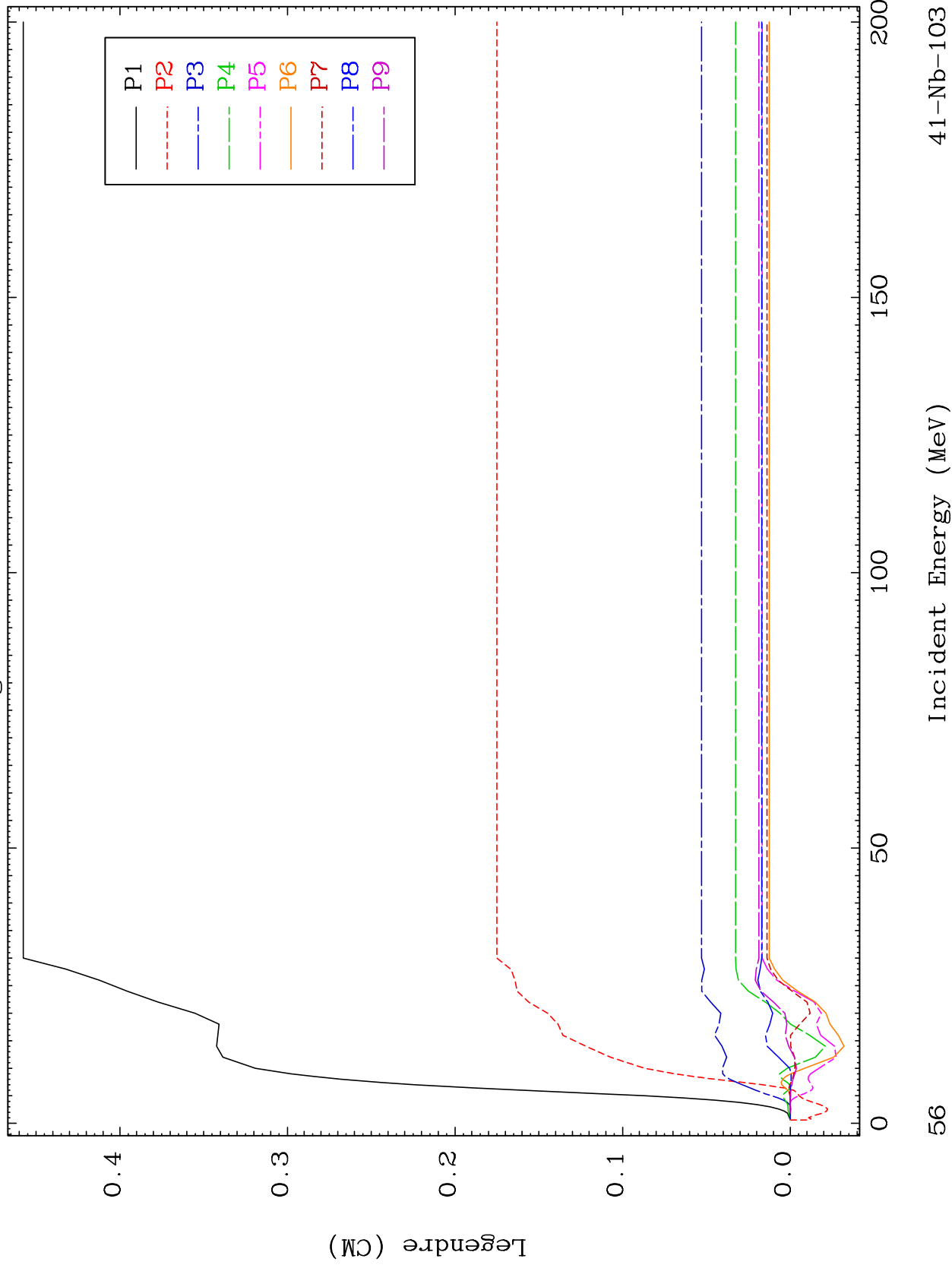
41-Nb-103



MAT 4155

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

41-Nb-103



41-Nb-103

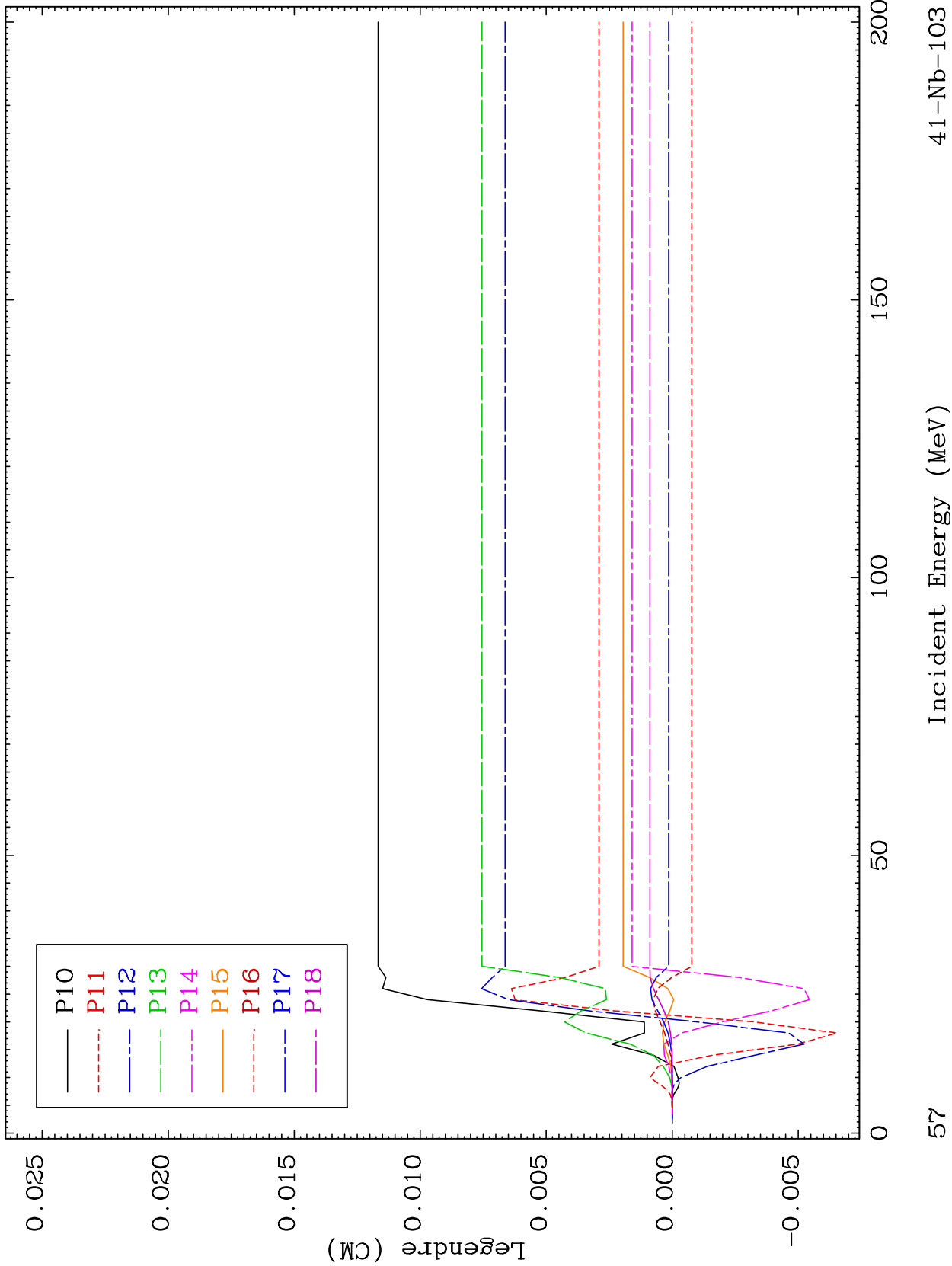
Incident Energy (MeV)

56

MAT 4155

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

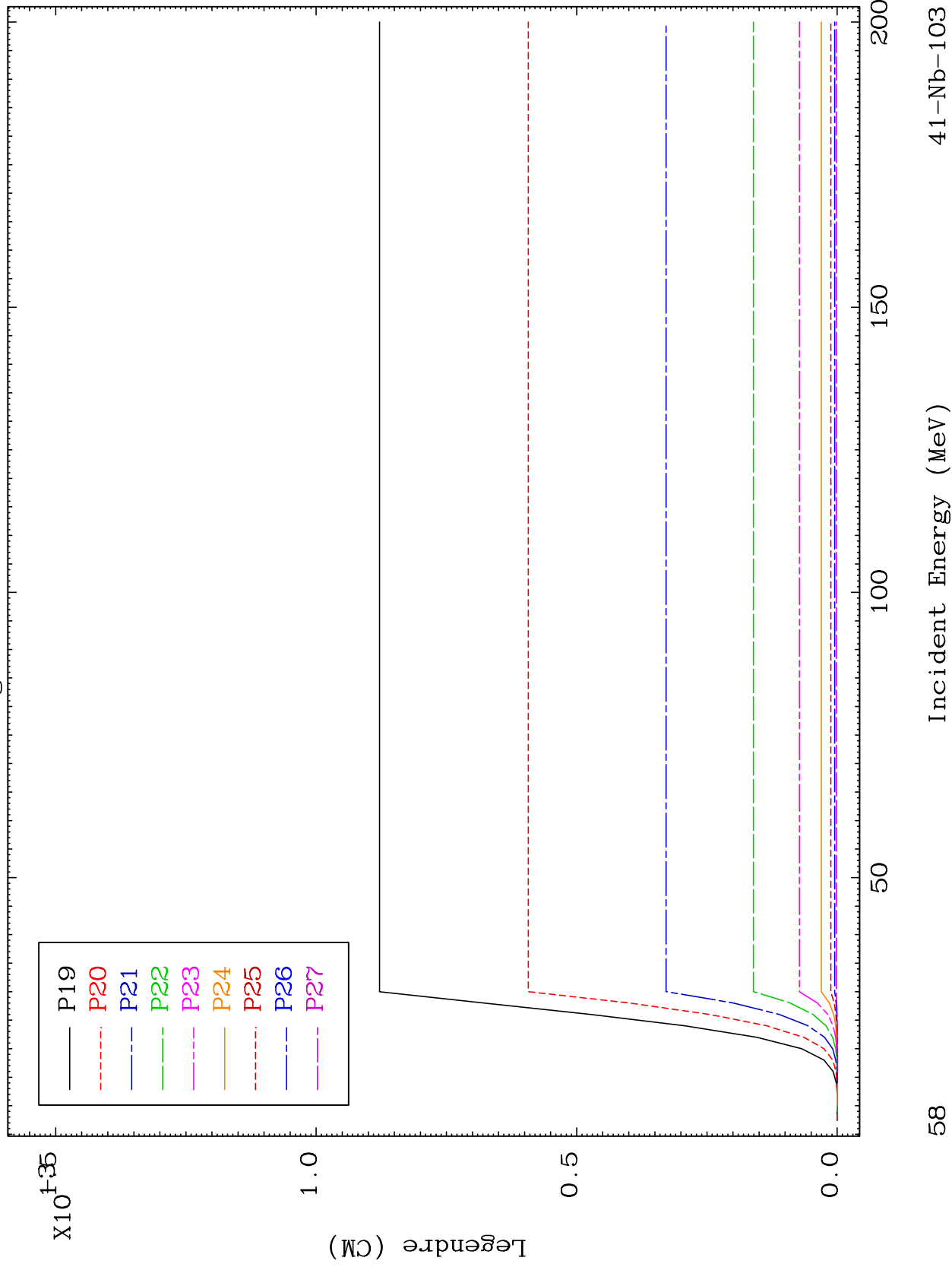
41-Nb-103



MAT 4155

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

41-Nb-103



58

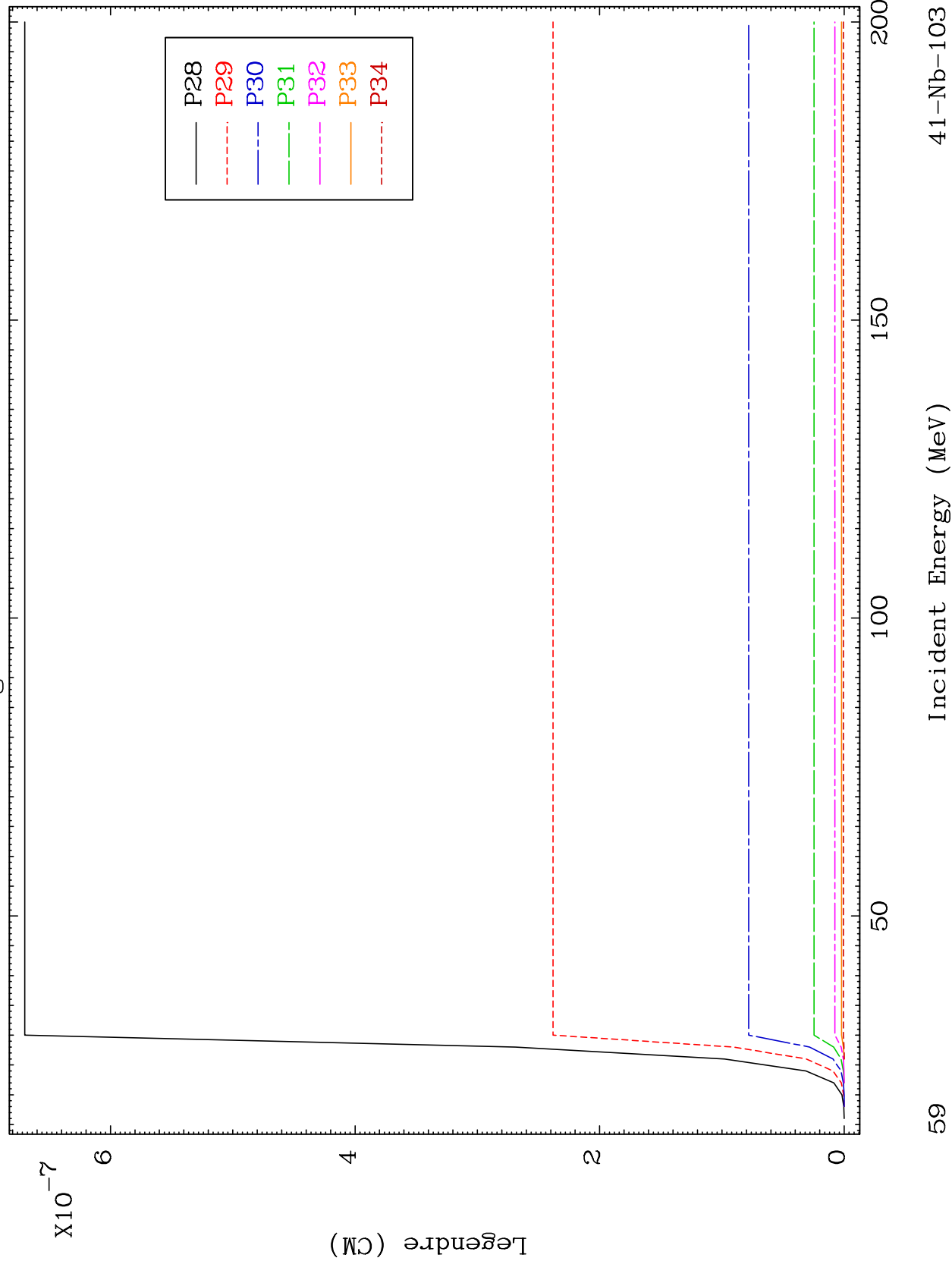
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



59

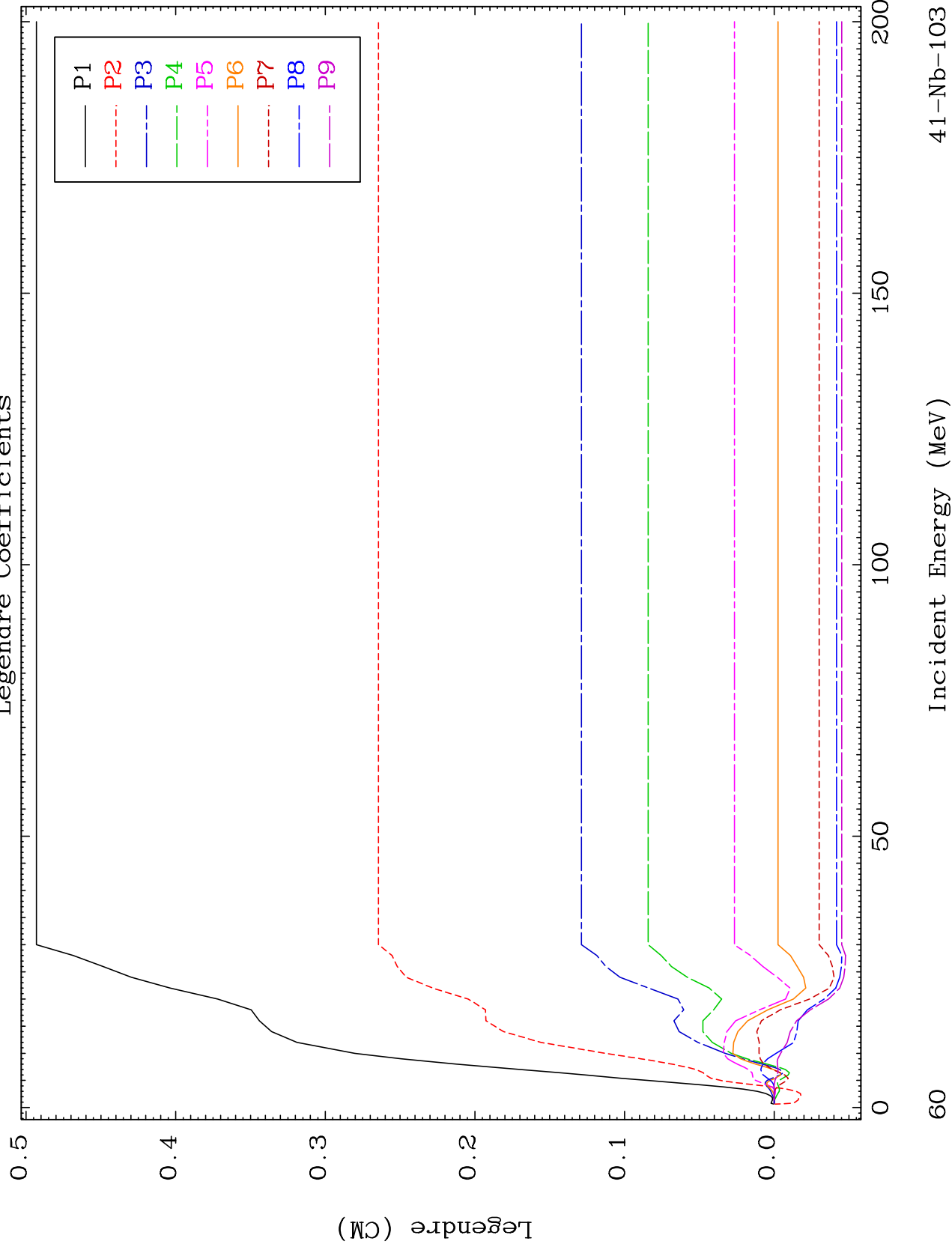
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



41-Nb-103

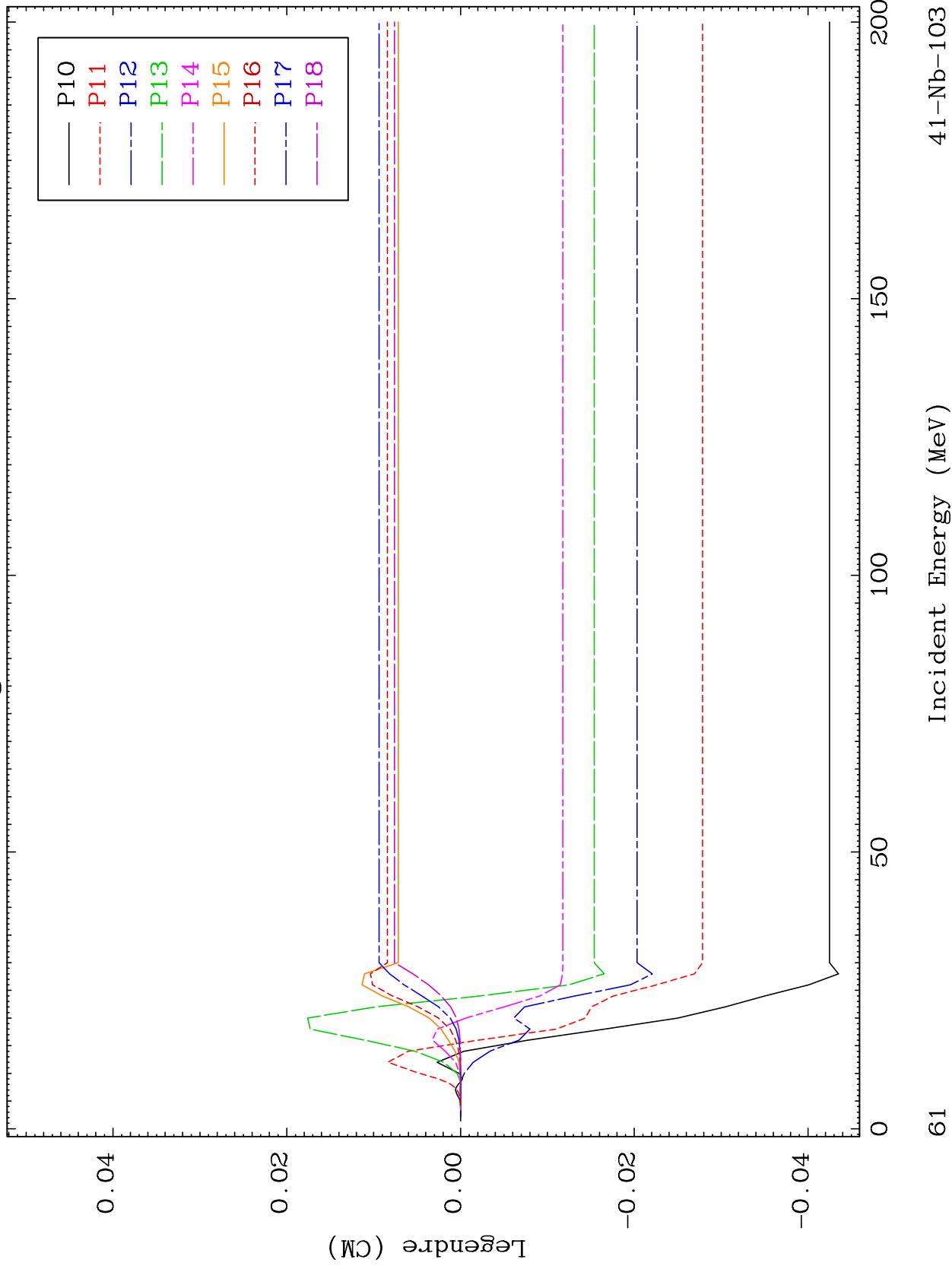
Incident Energy (MeV)

60

MAT 4155

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

41-Nb-103



61

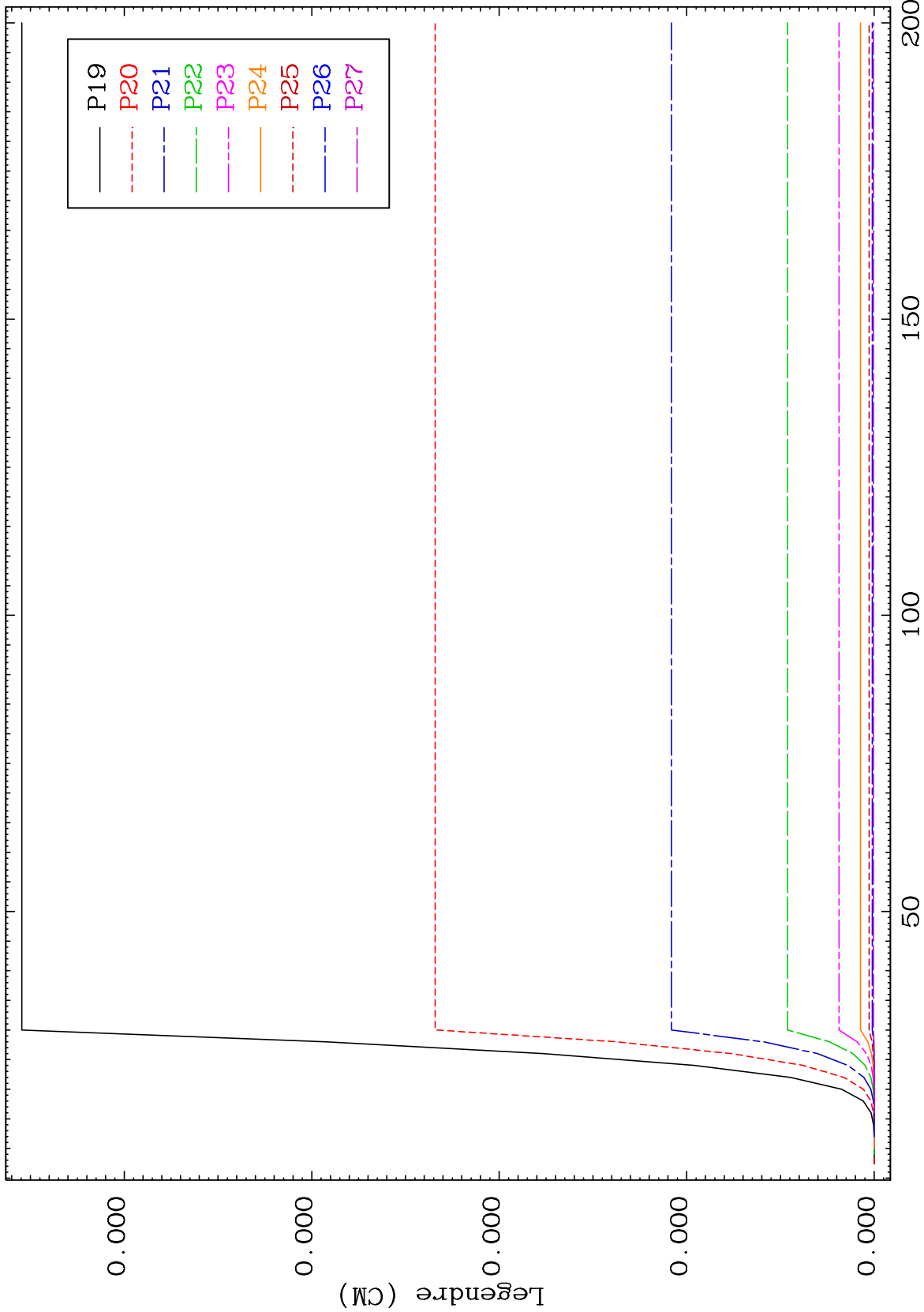
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



62

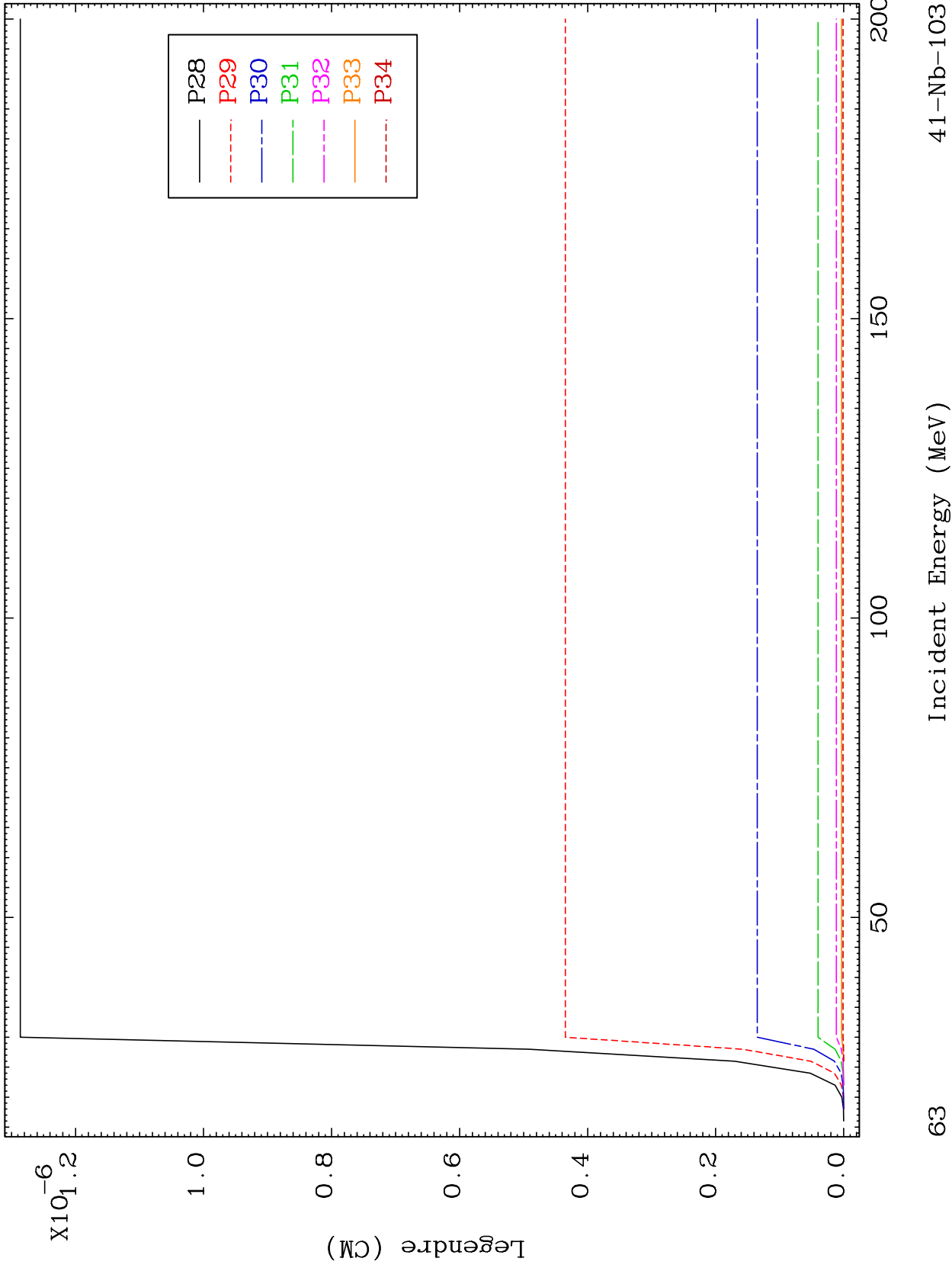
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103

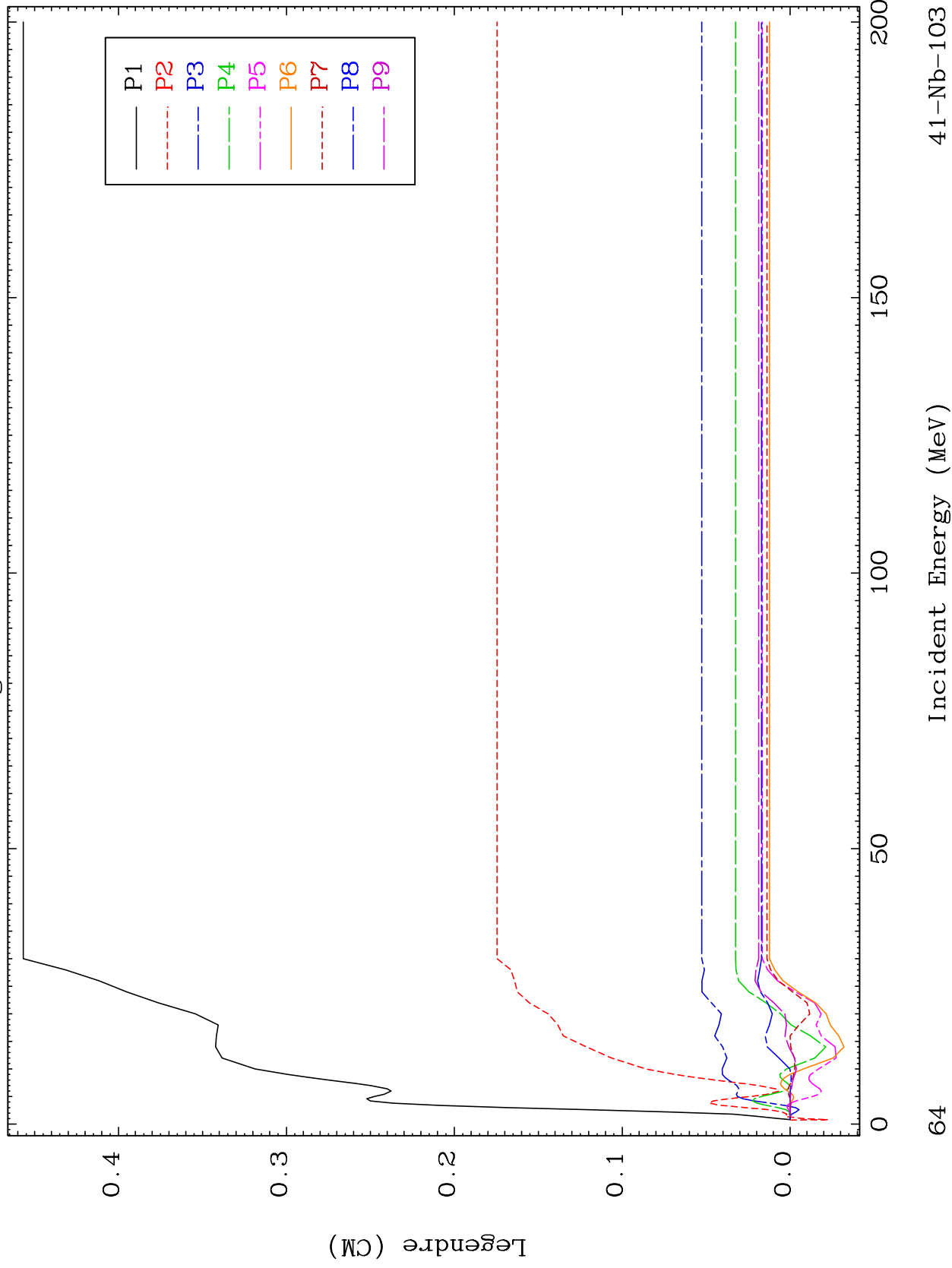


63

MAT 4155

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

41-Nb-103



41-Nb-103

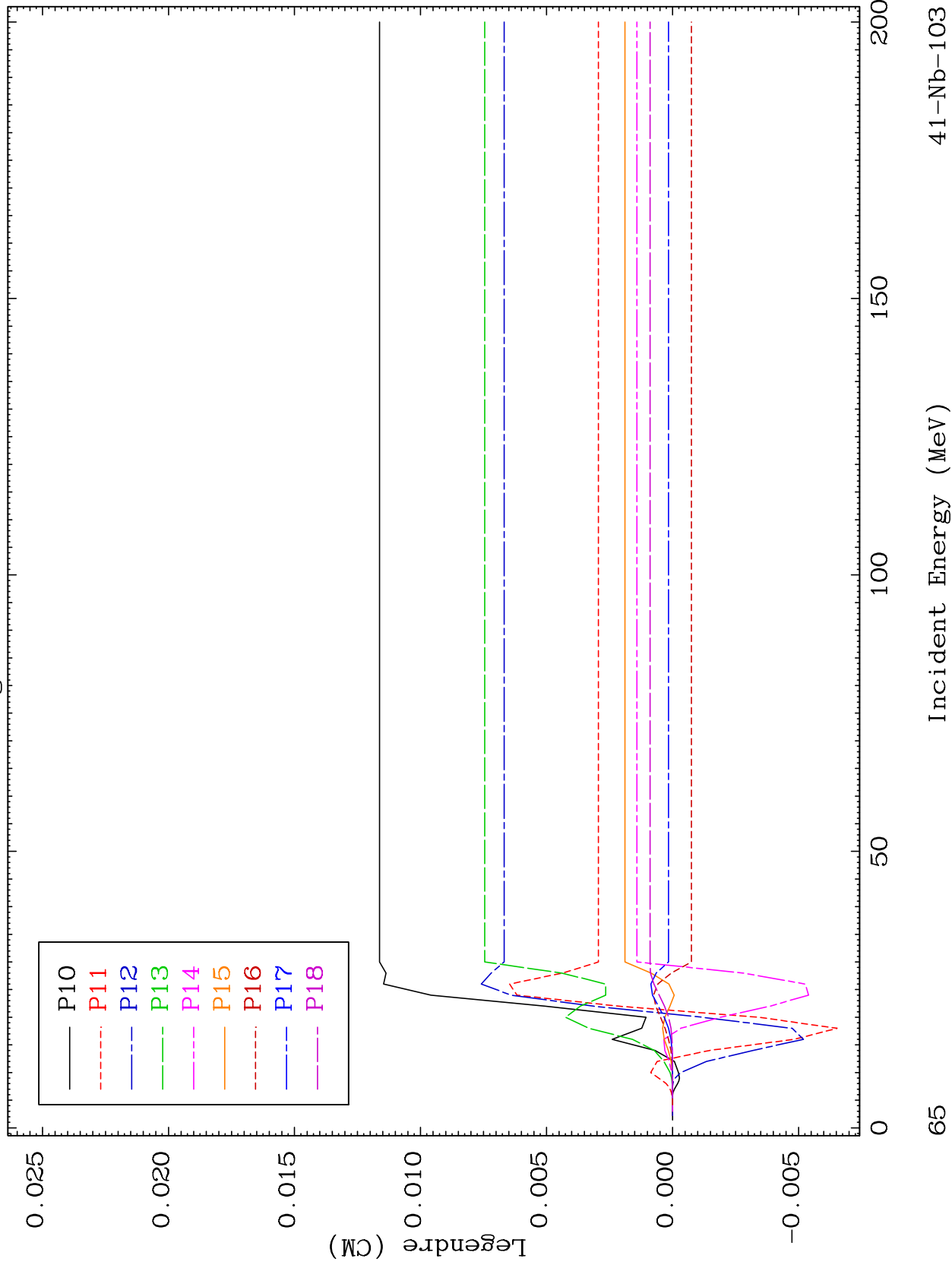
Incident Energy (MeV)

64

MAT 4155

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

41-Nb-103



41-Nb-103

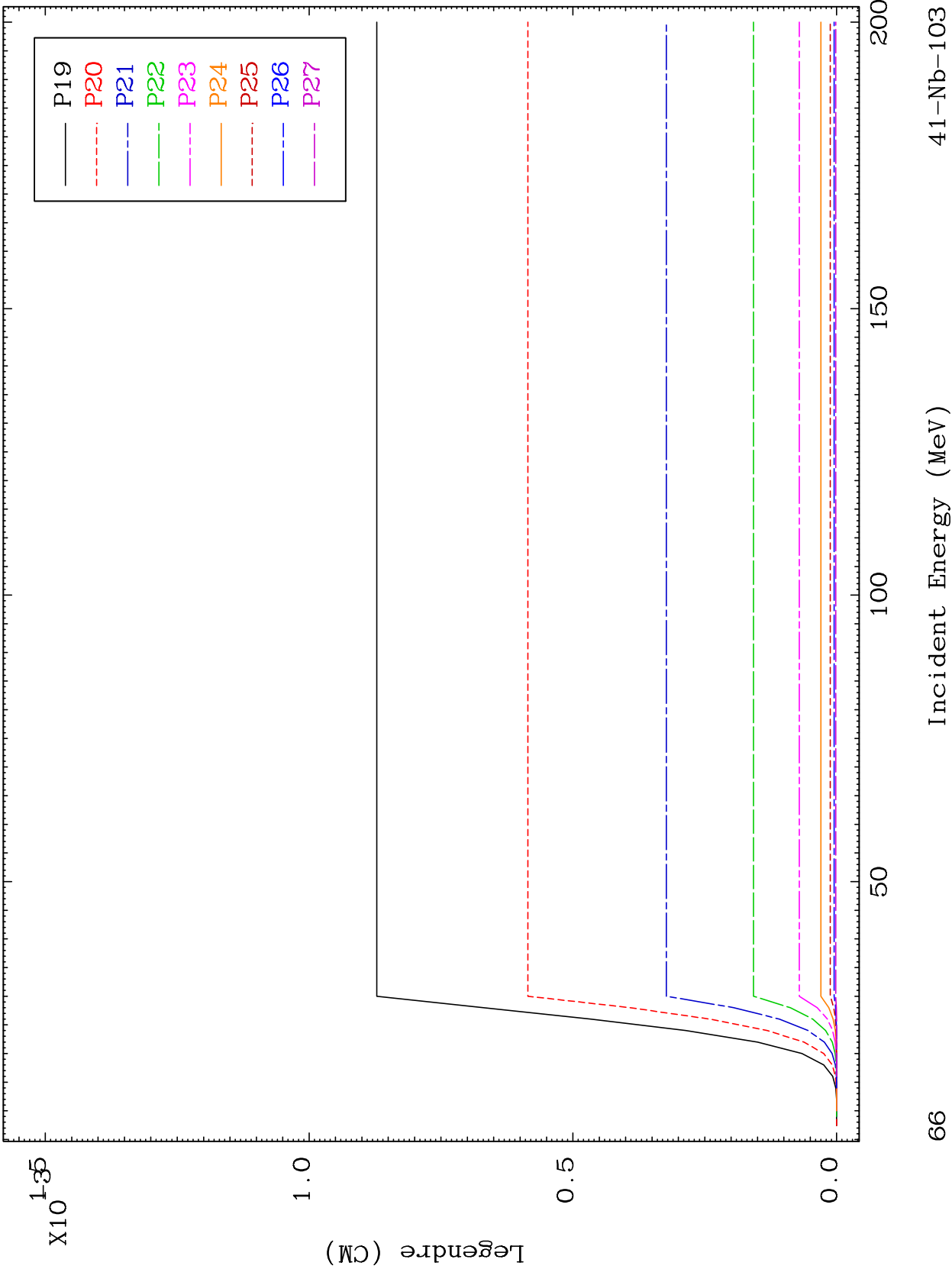
Incident Energy (MeV)

65

MAT 4155

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

41-Nb-103



66

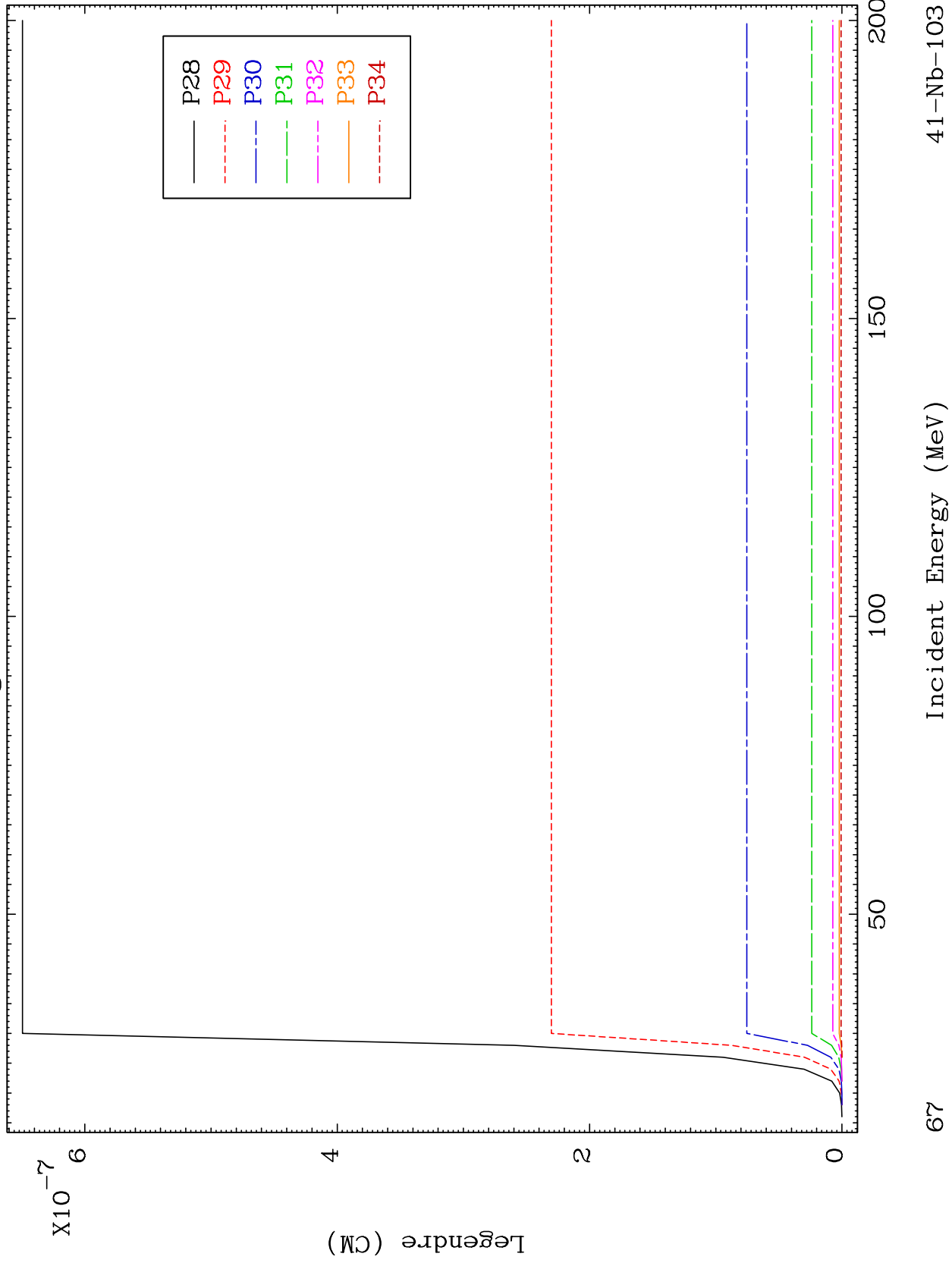
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

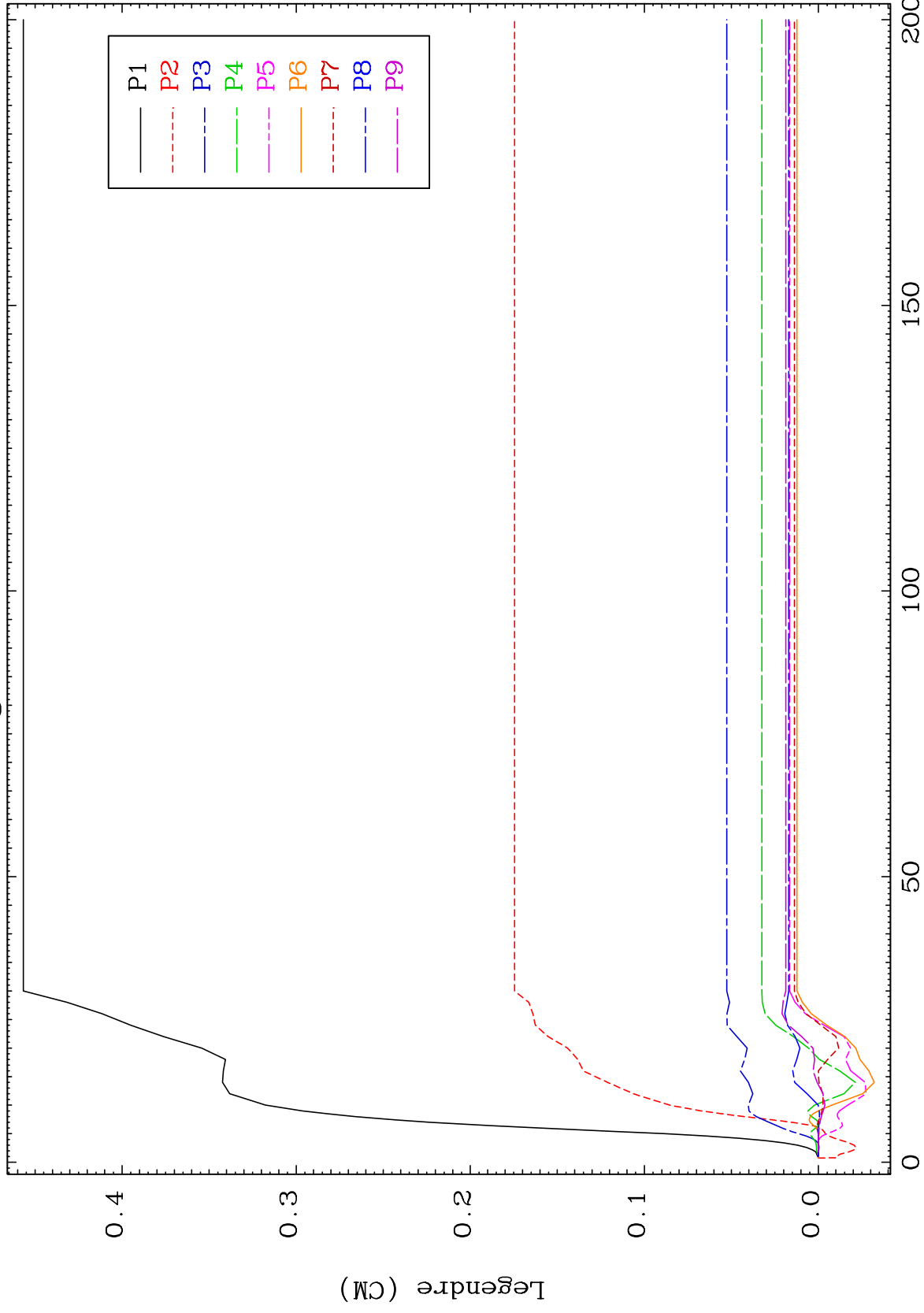
41-Nb-103



MAT 4155

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

41-Nb-103



68

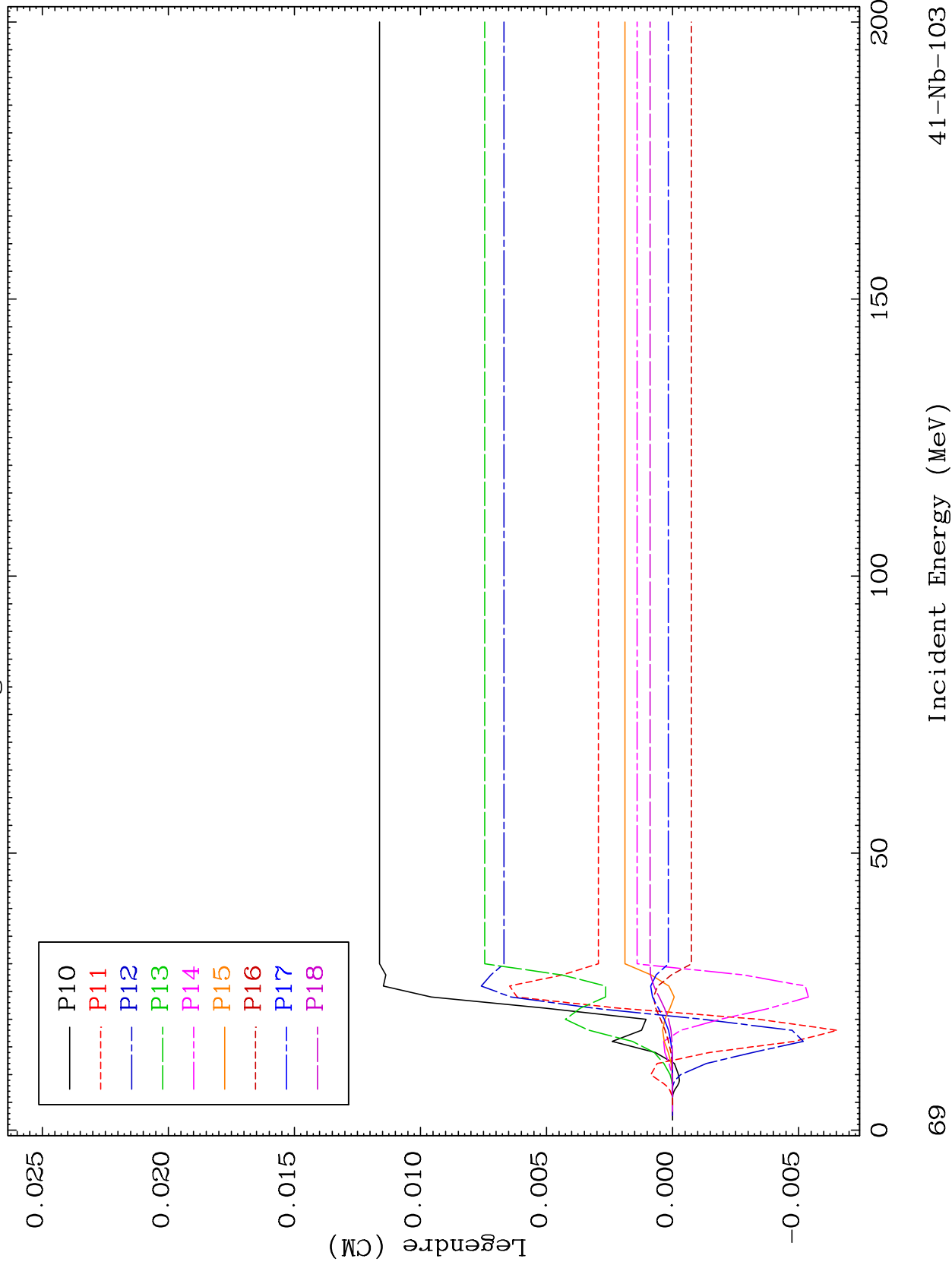
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



69

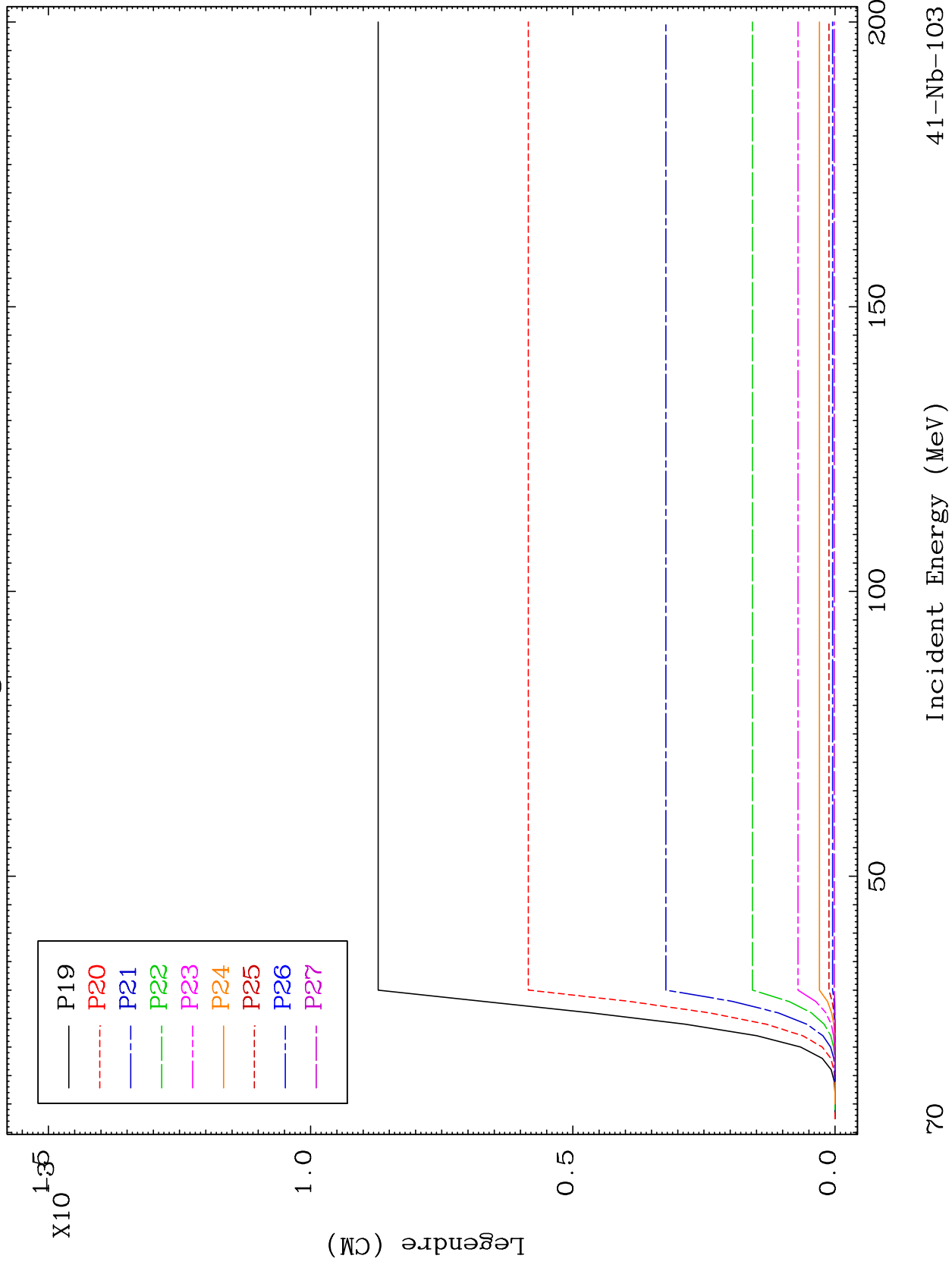
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



70

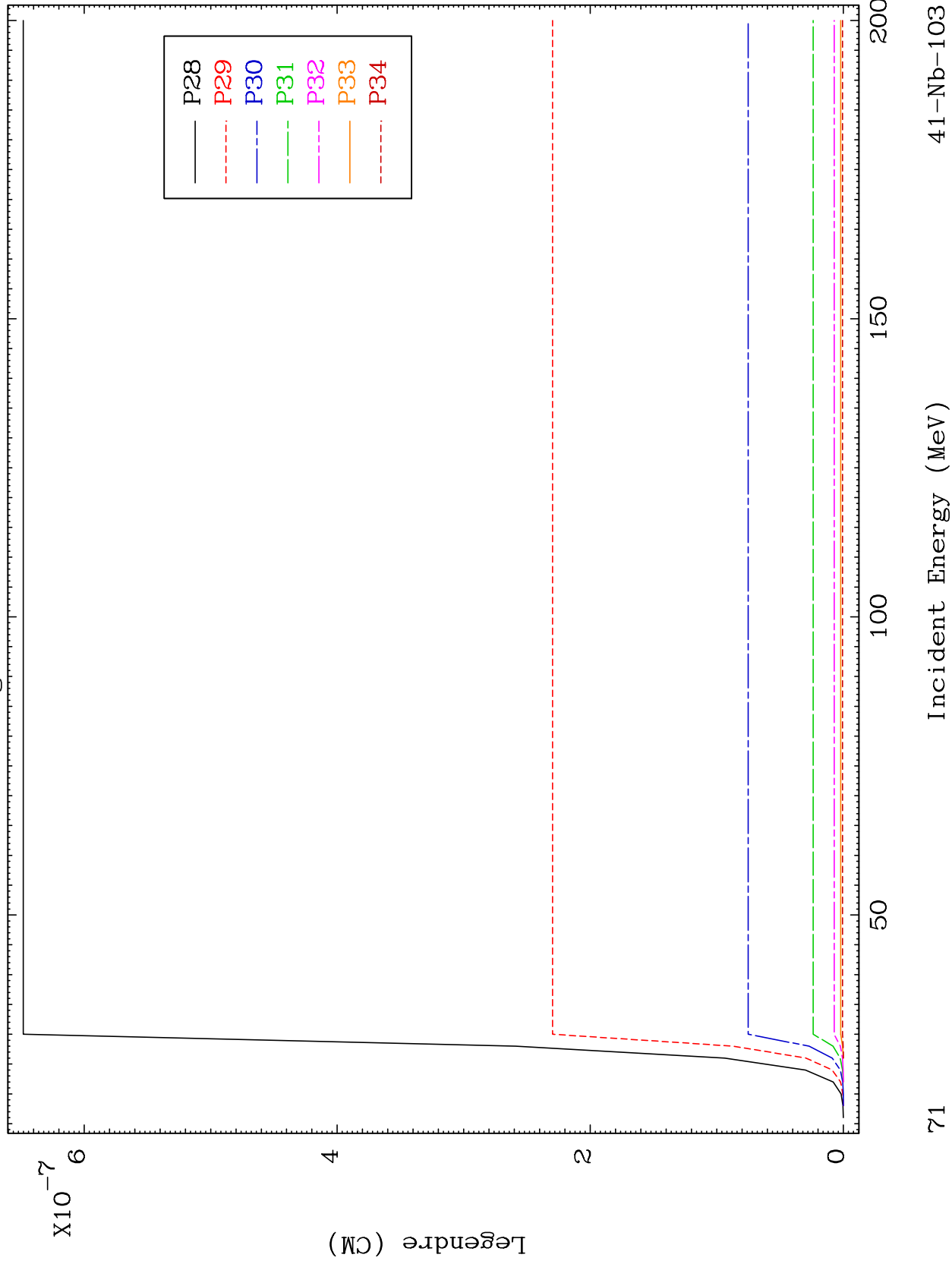
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

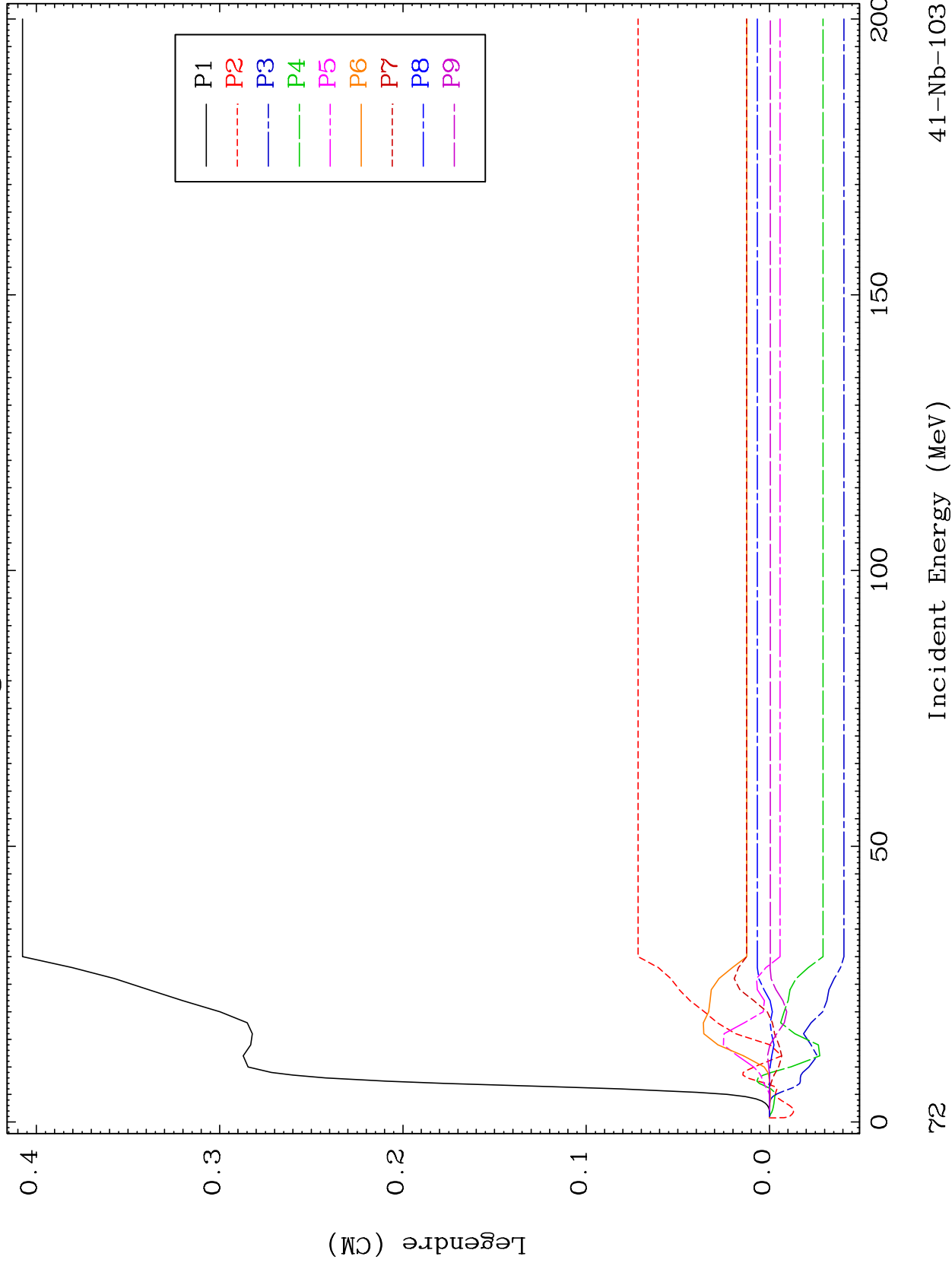
41-Nb-103



MAT 4155

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

41-Nb-103



72

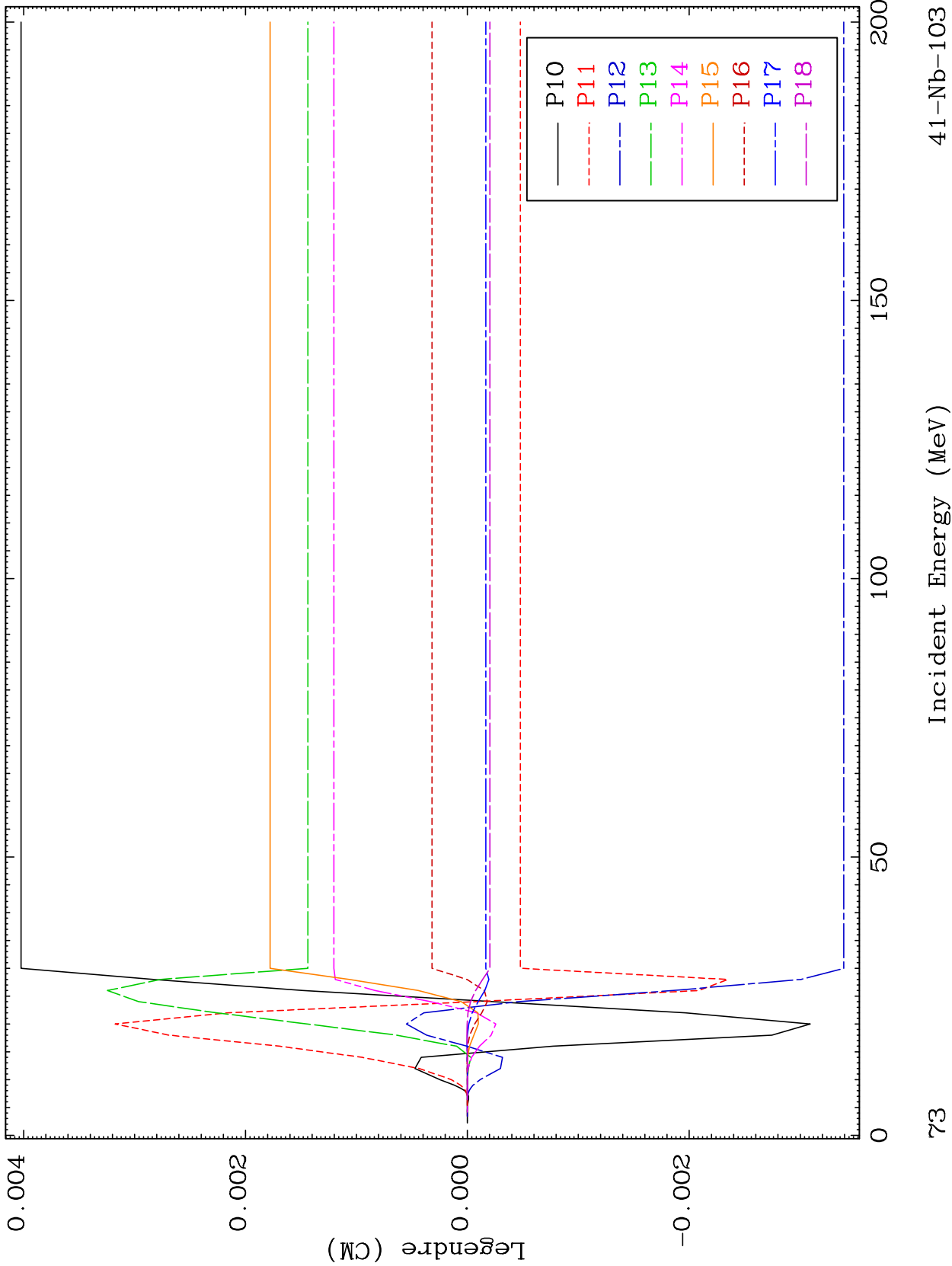
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



73

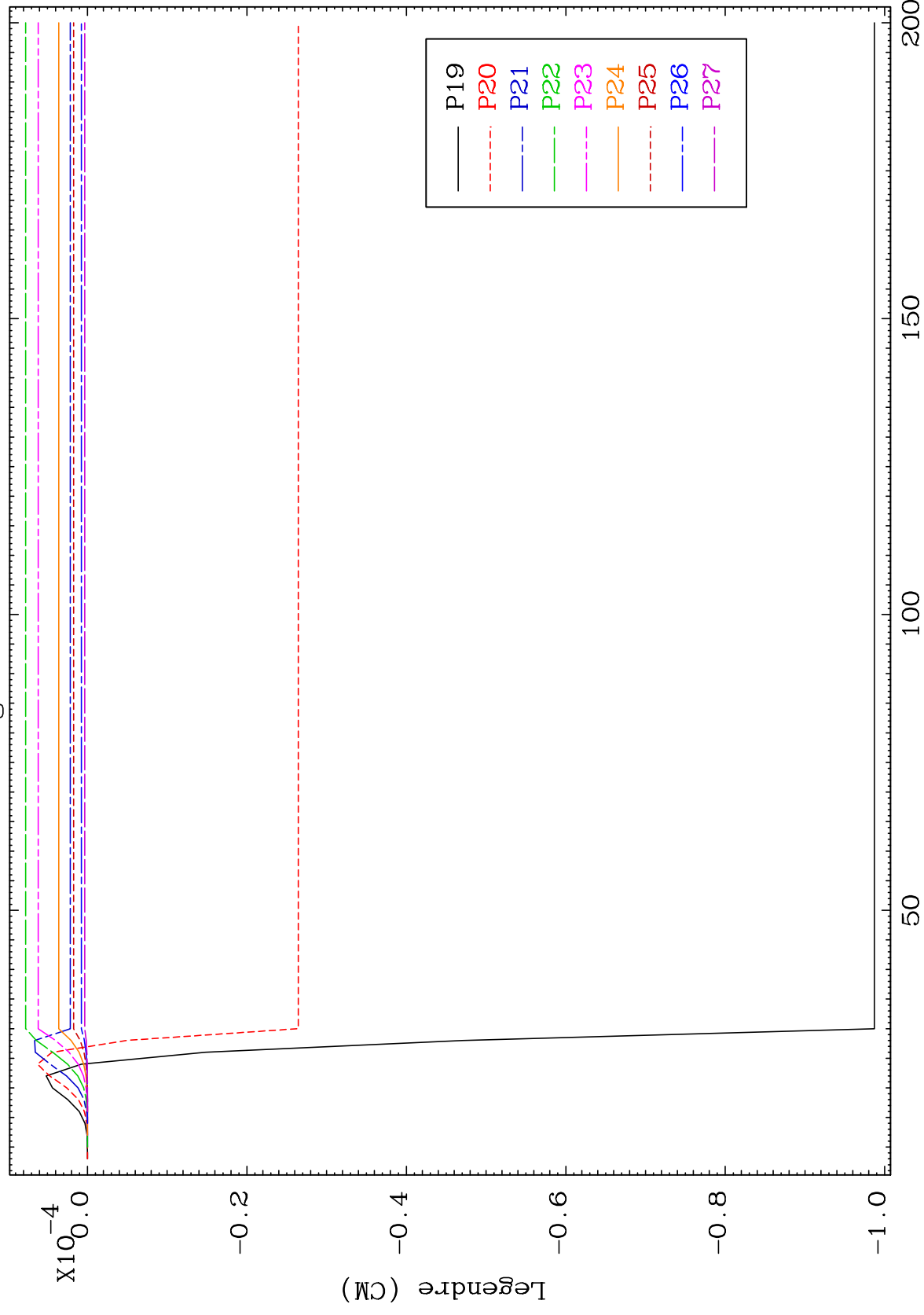
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



74

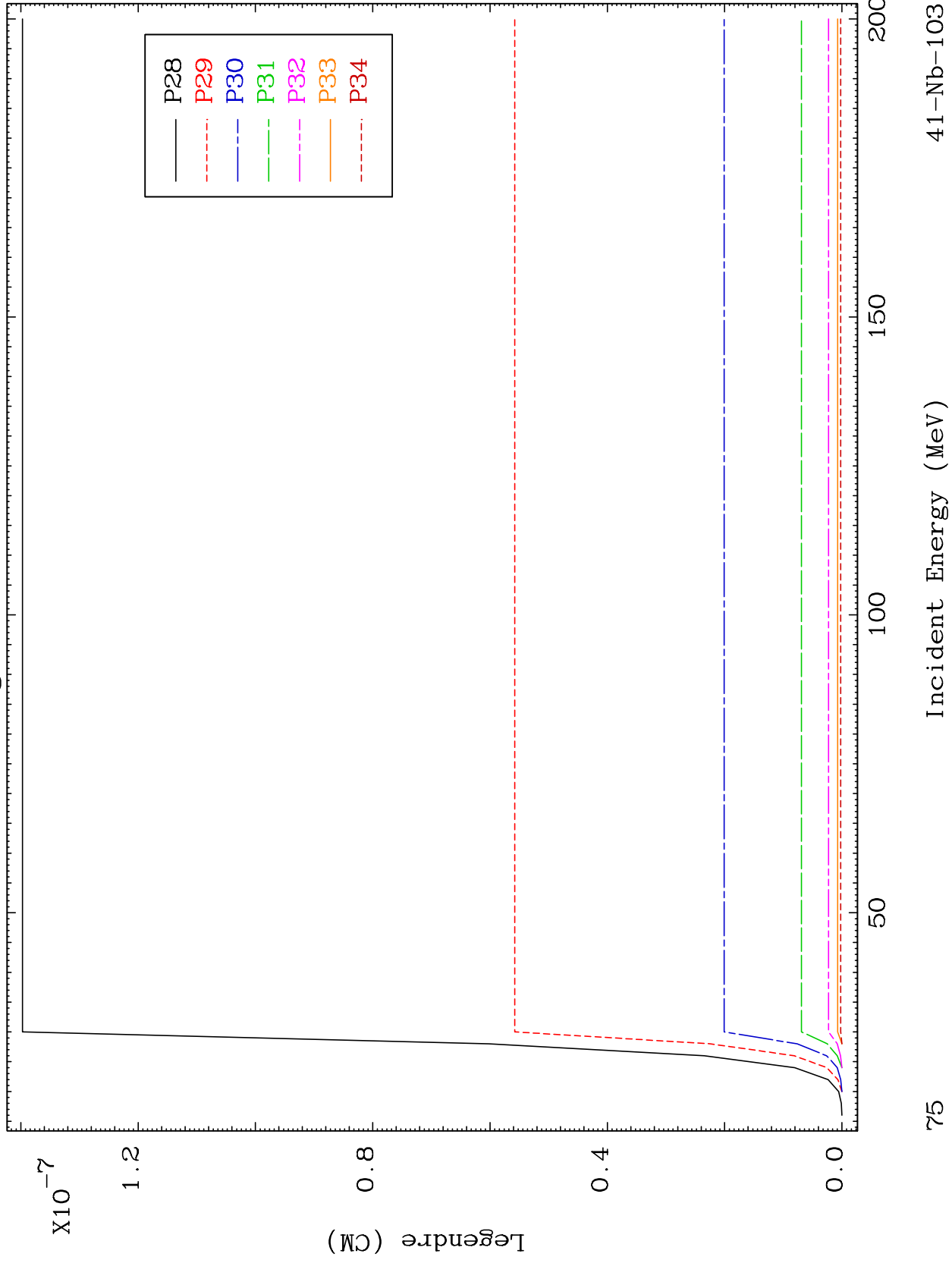
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

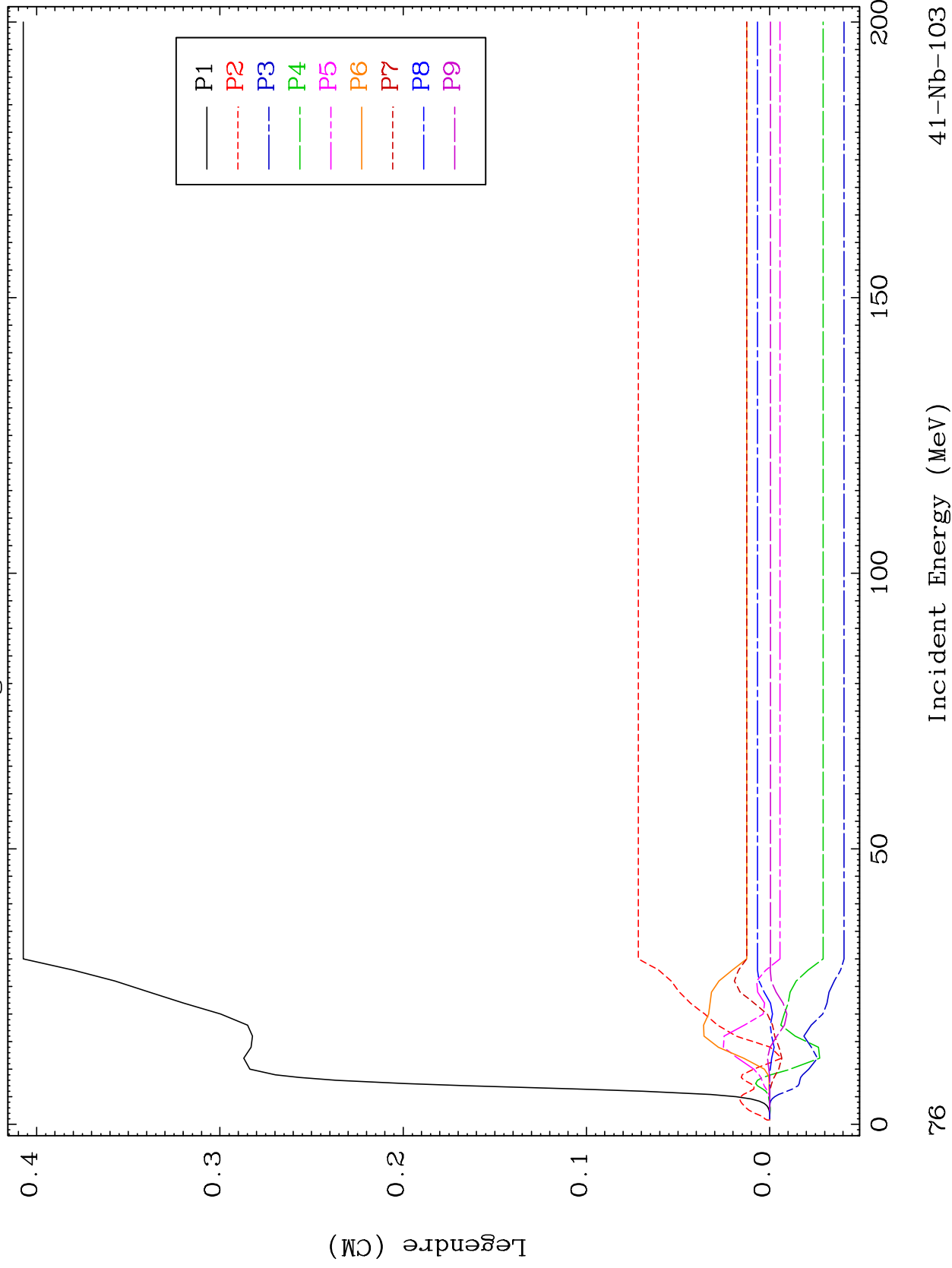
41-Nb-103



MAT 4155

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

41-Nb-103



76

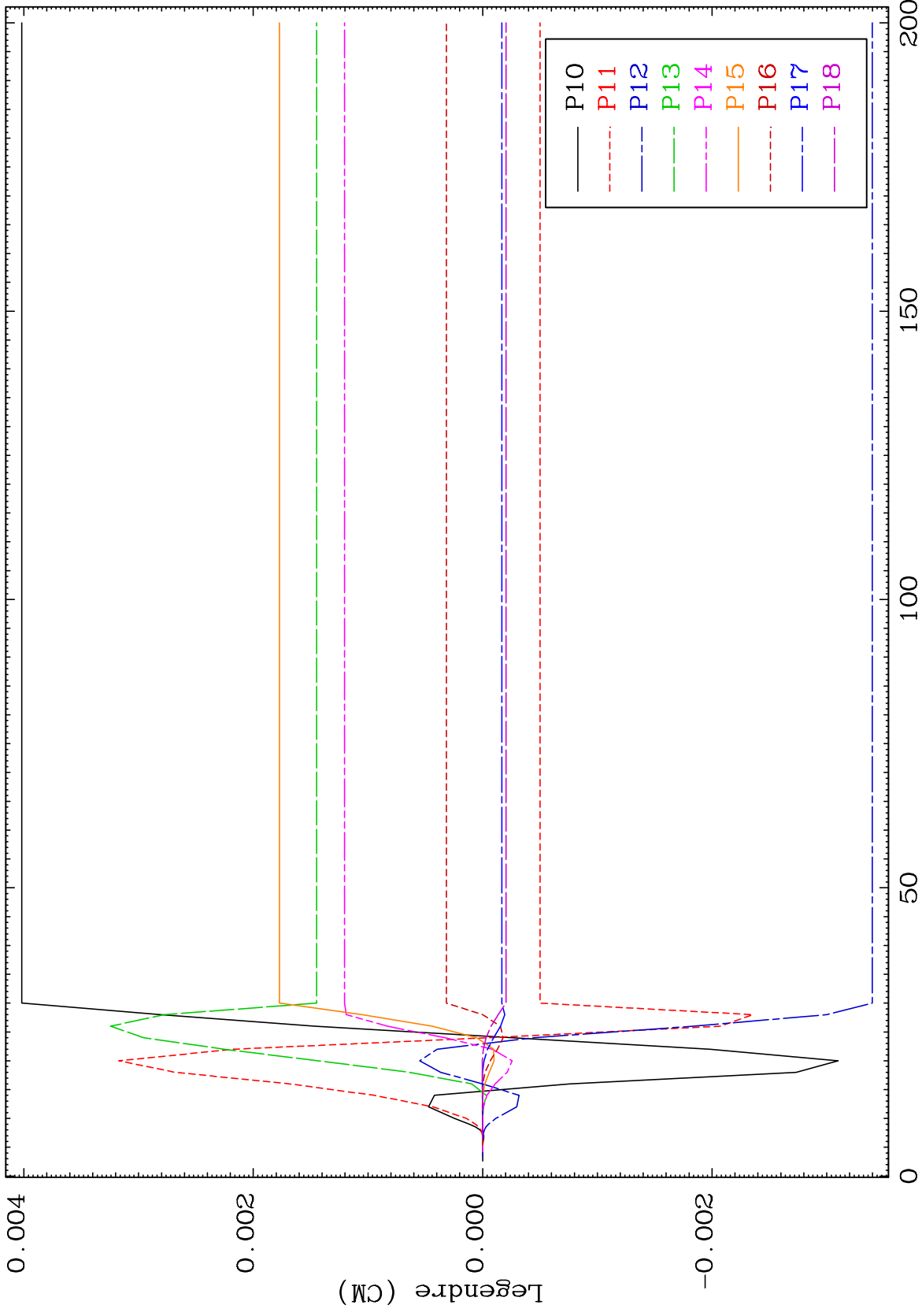
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



77

Incident Energy (MeV)

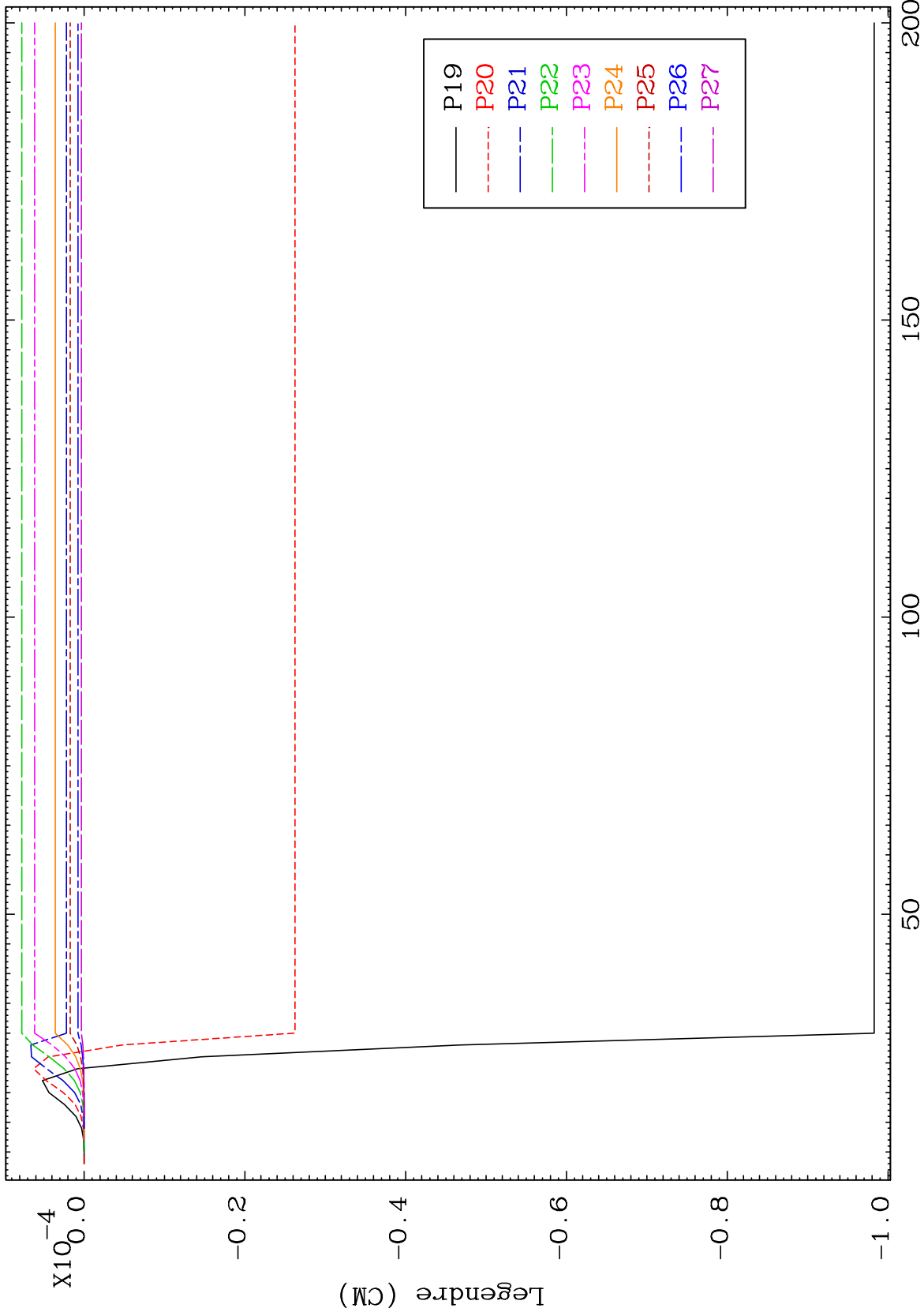
41-Nb-103

MAT 4155

MT= 65 (n,n') Level

41-Nb-103

Legendre Coefficients



78

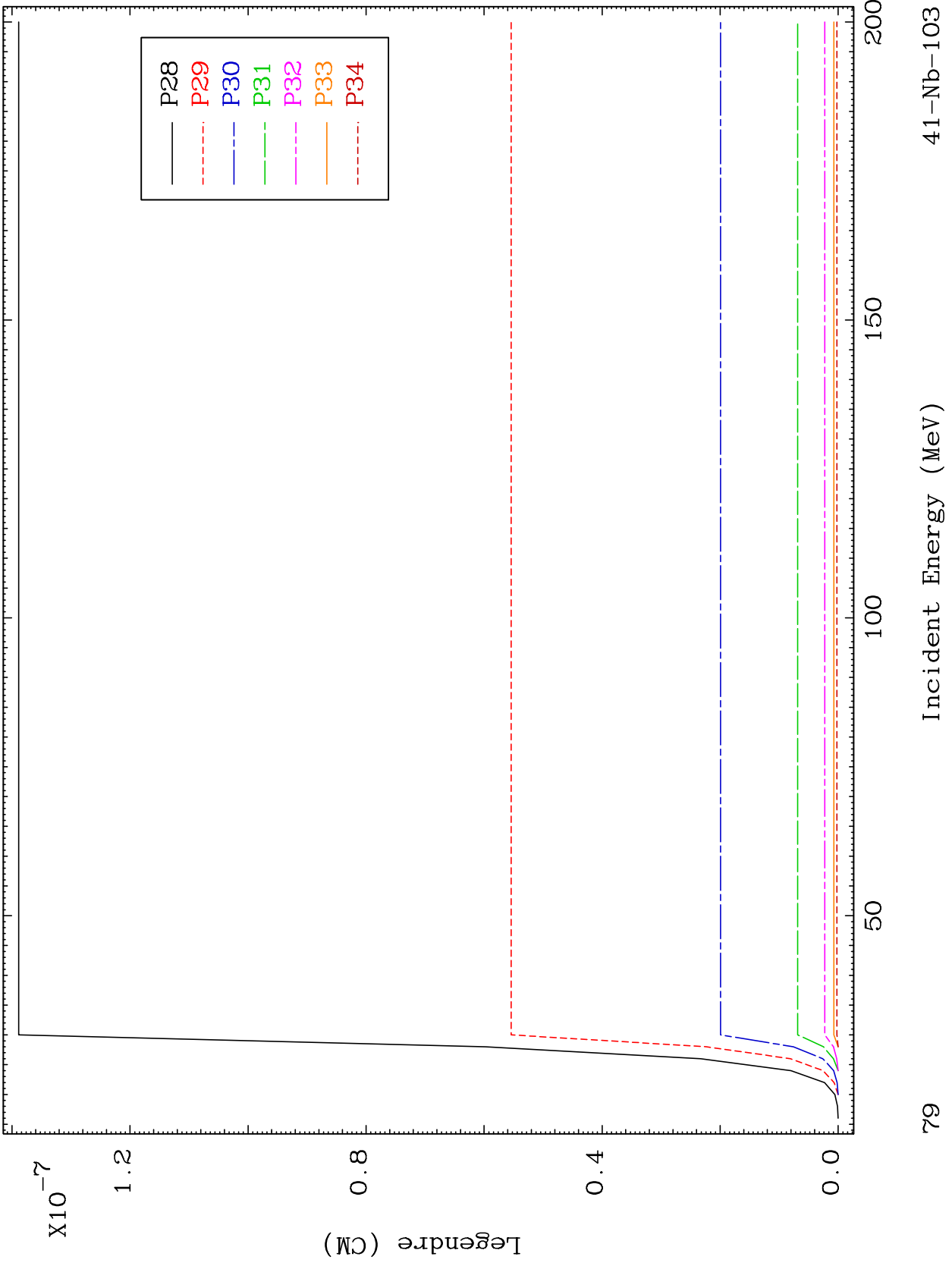
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



79

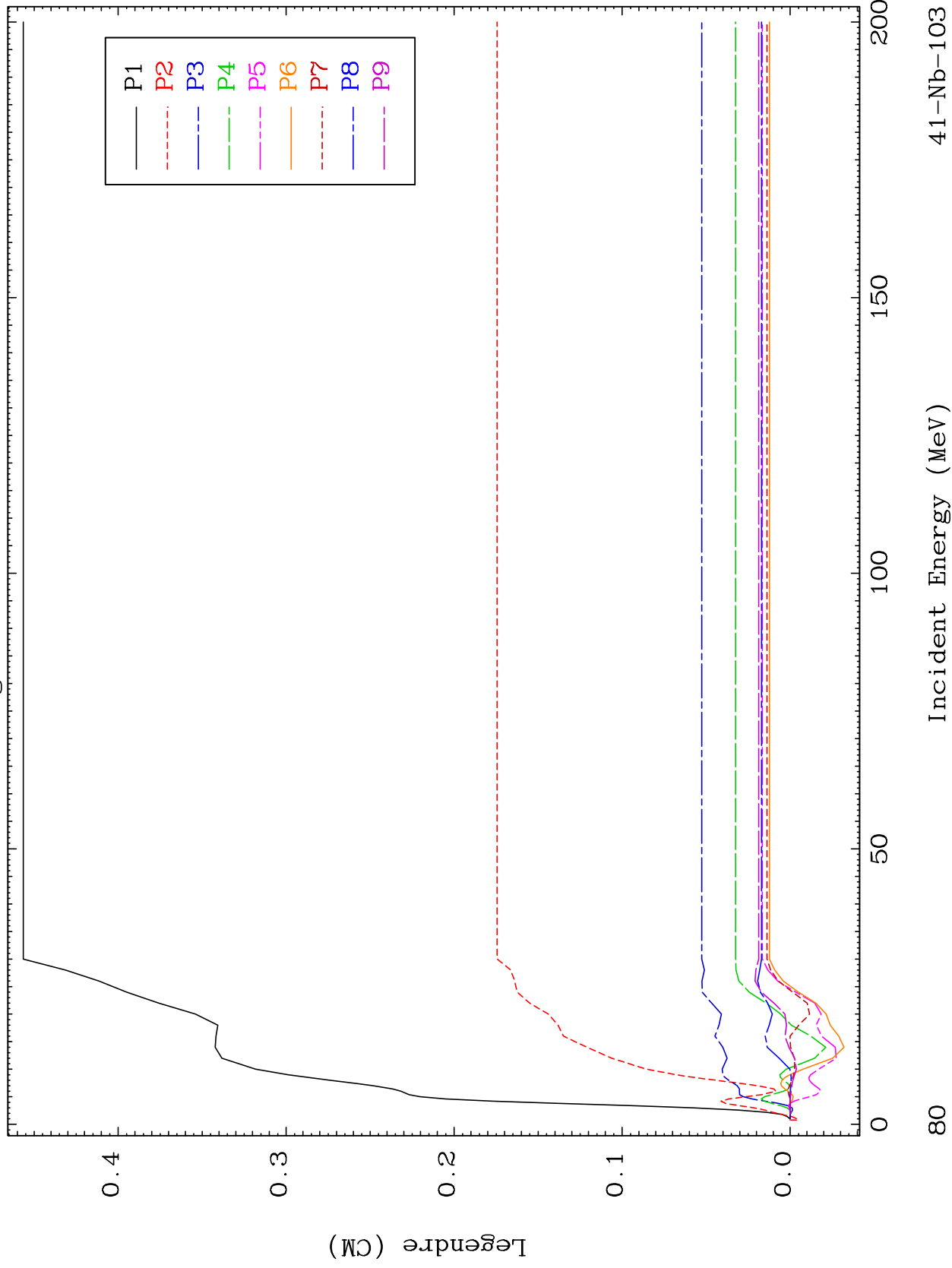
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



41-Nb-103

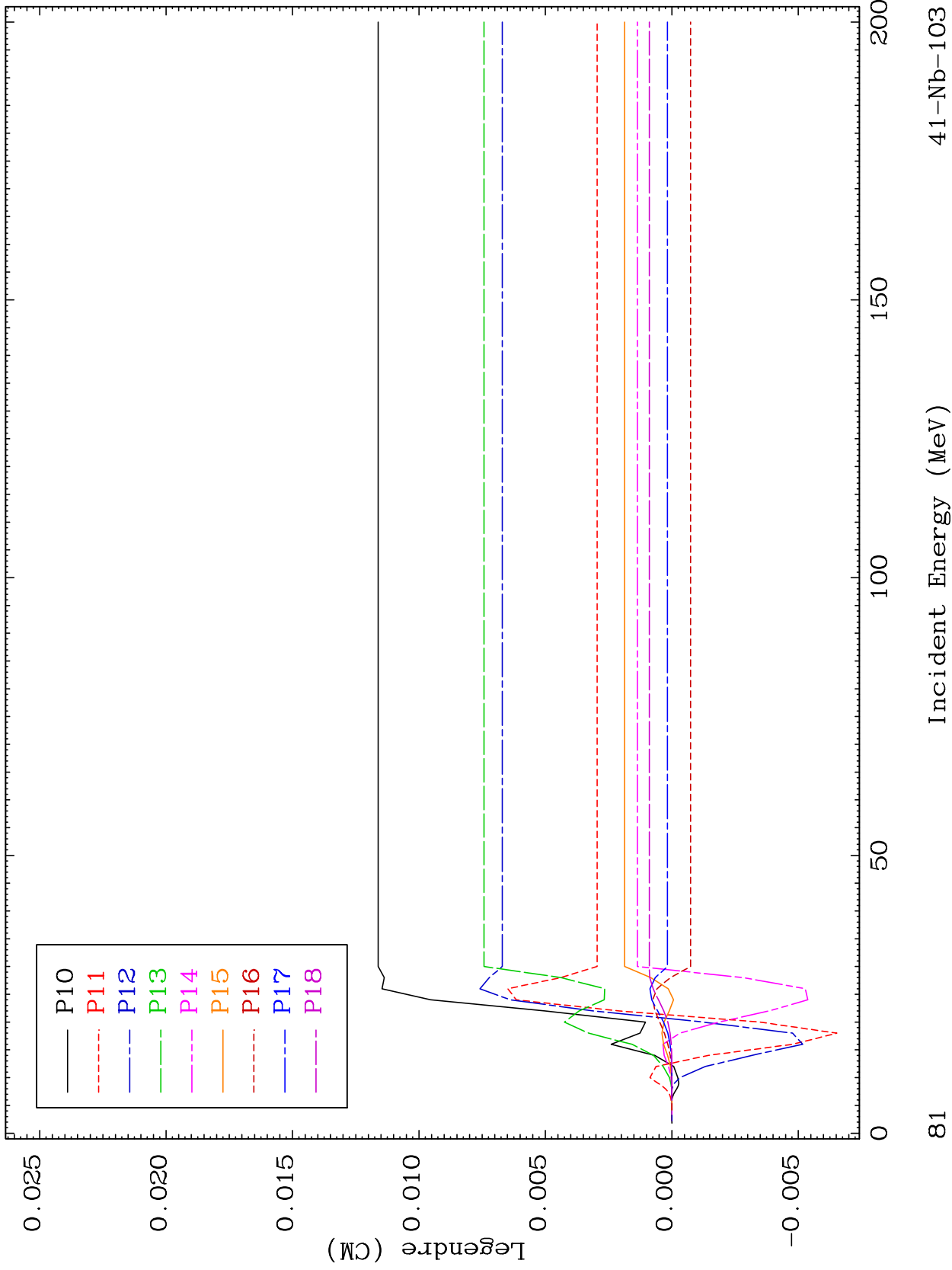
Incident Energy (MeV)

80

MAT 4155

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

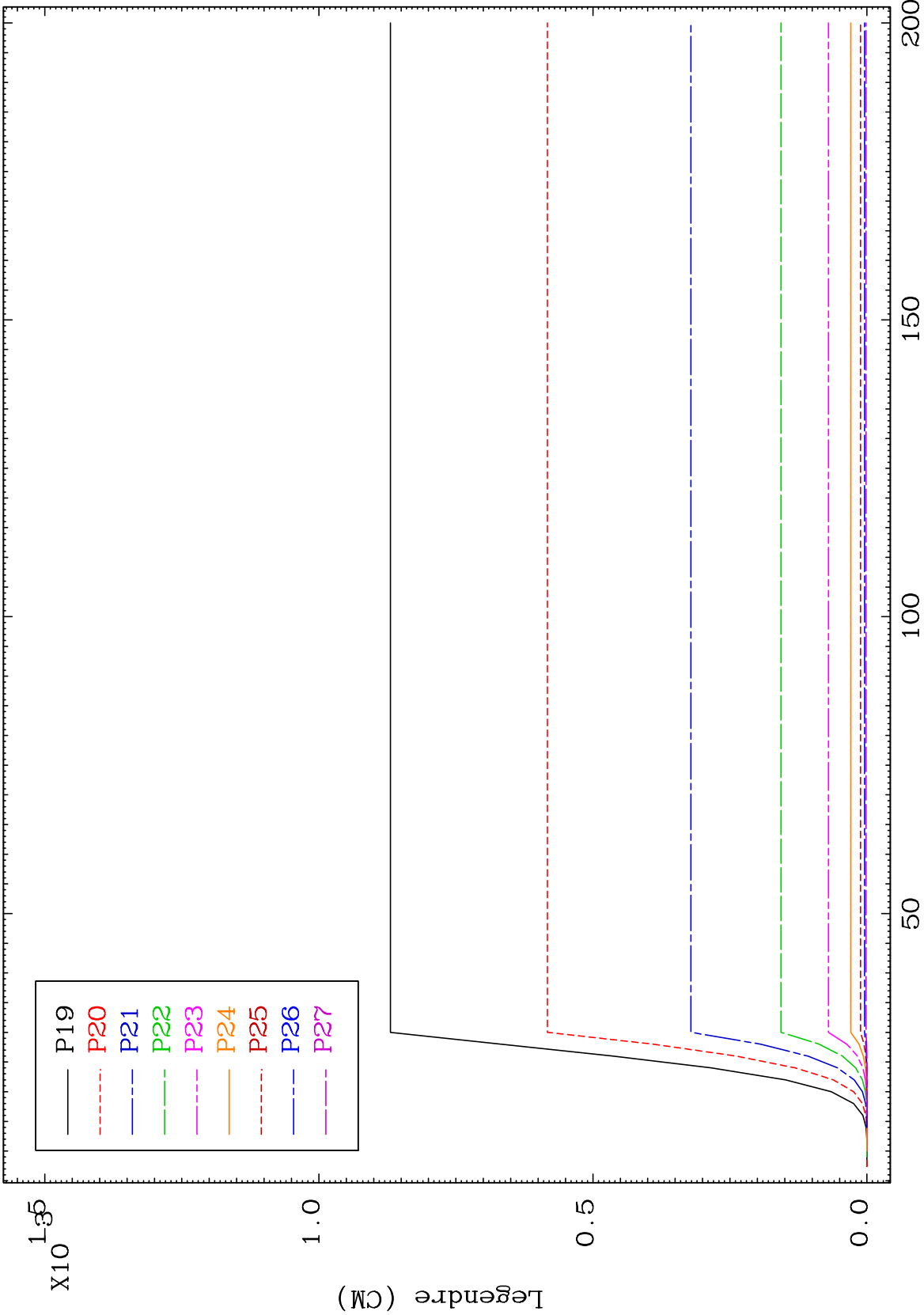
41-Nb-103



81

Incident Energy (MeV)

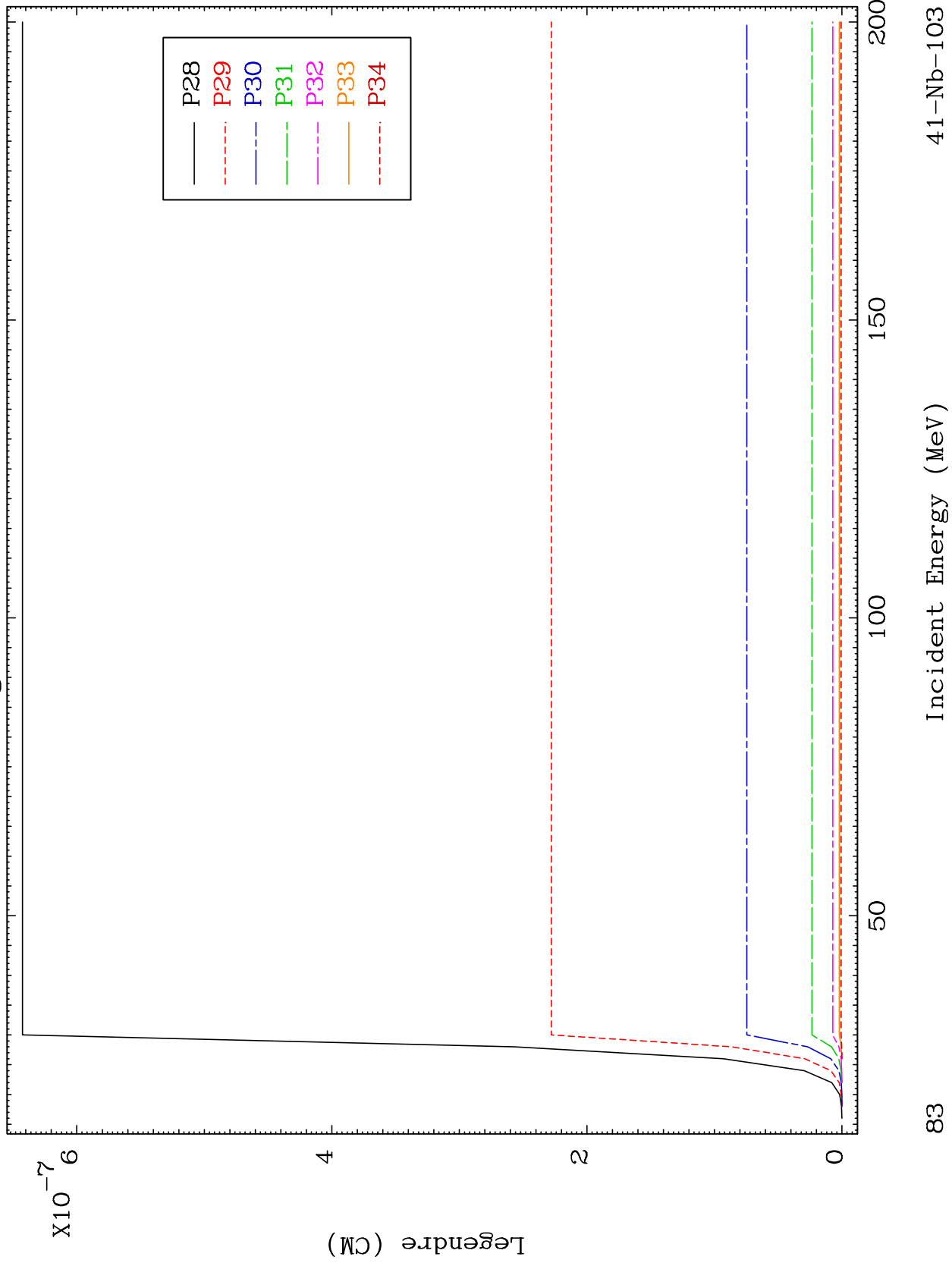
41-Nb-103



MAT 4155

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

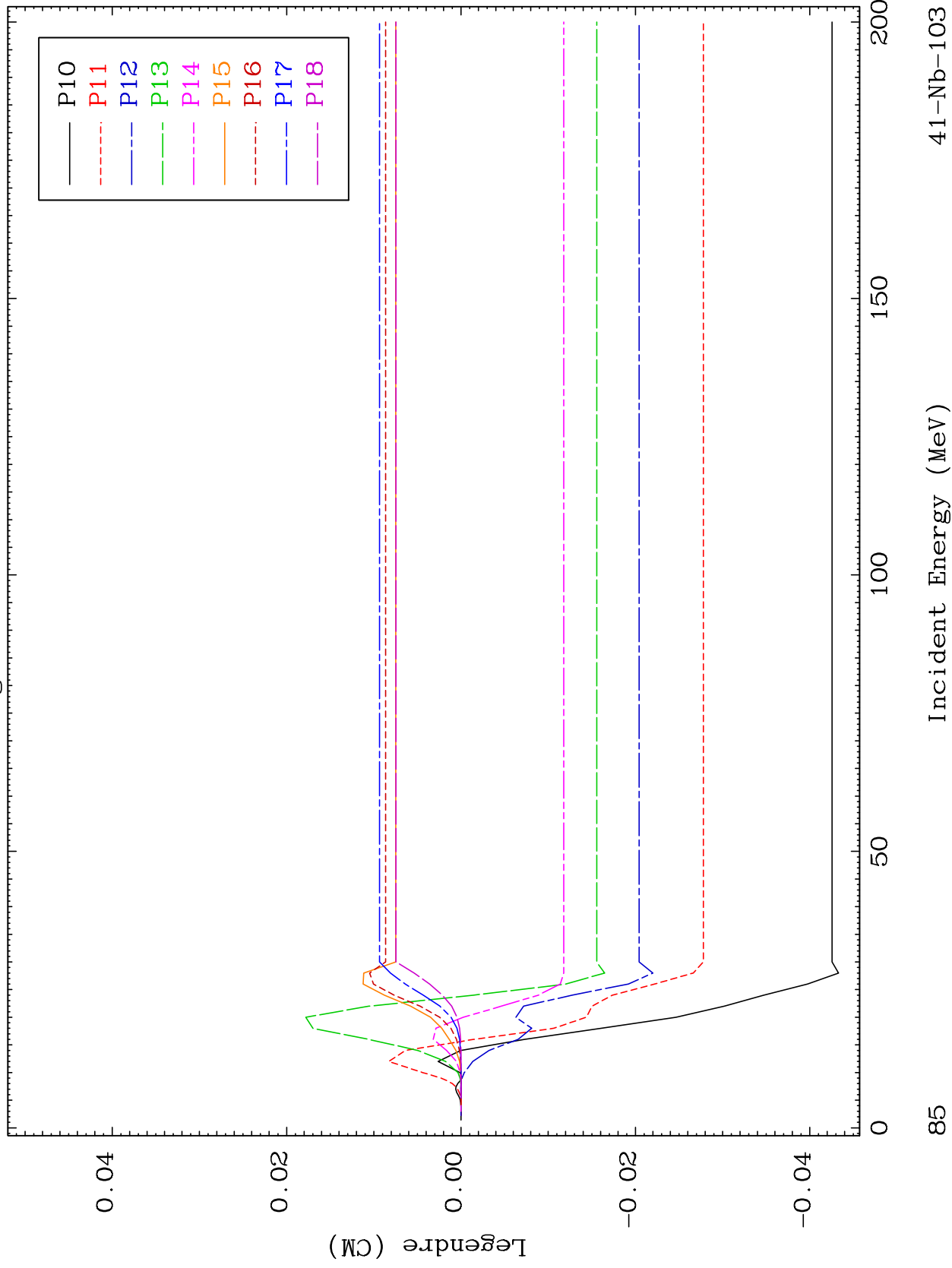
41-Nb-103



MAT 4155

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

41-Nb-103



41-Nb-103

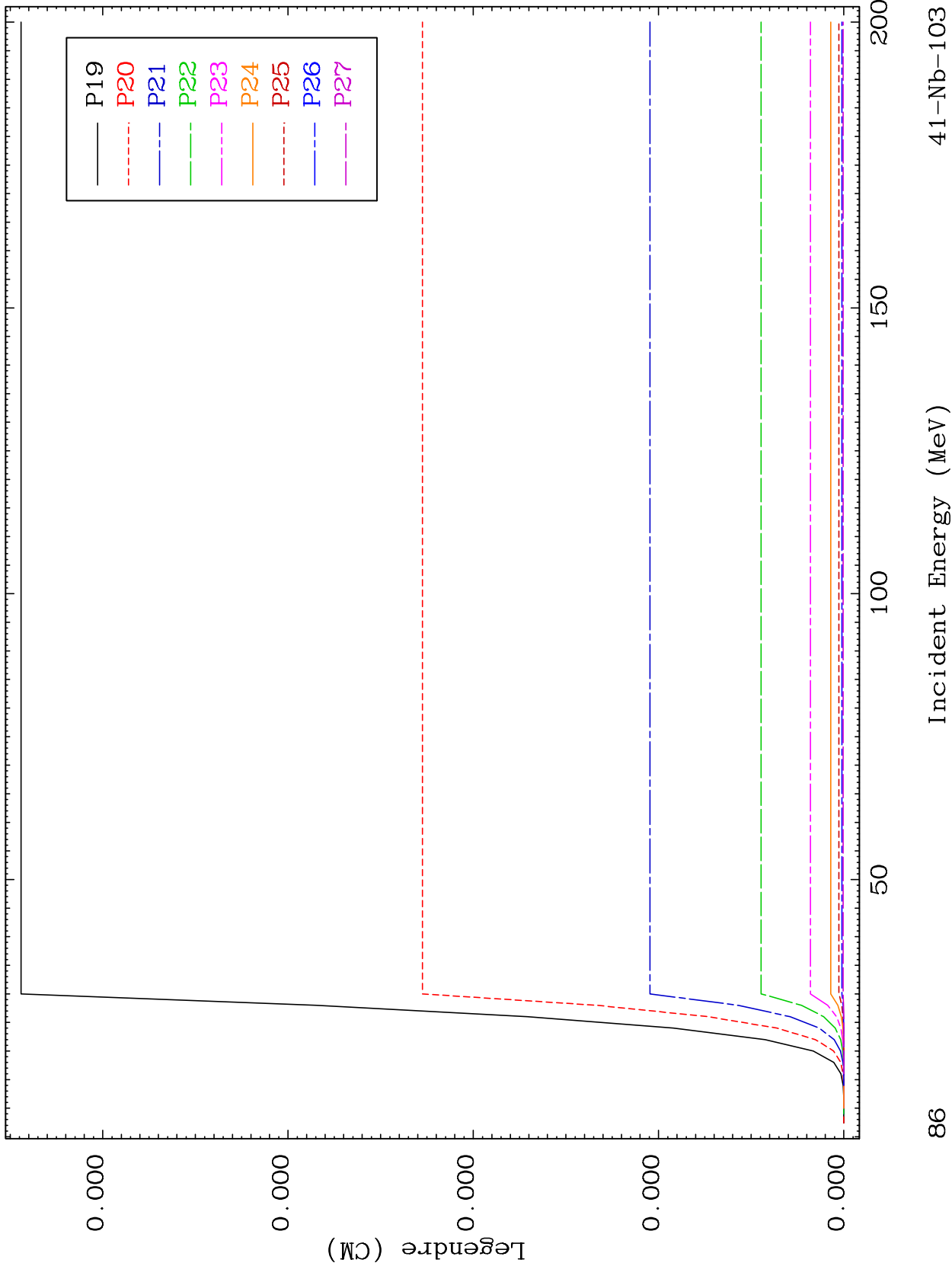
Incident Energy (MeV)

85

MAT 4155

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

41-Nb-103



86

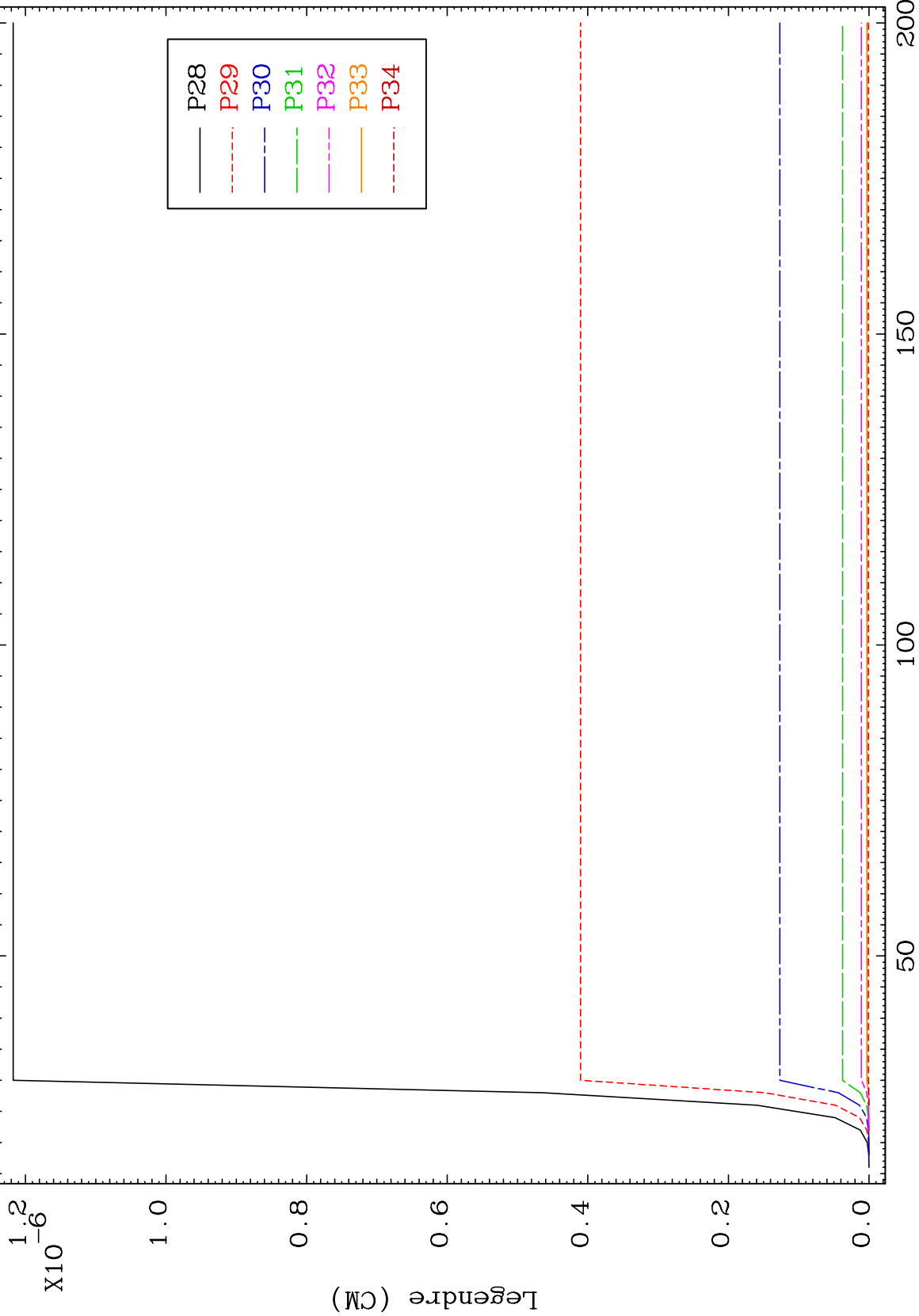
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



87

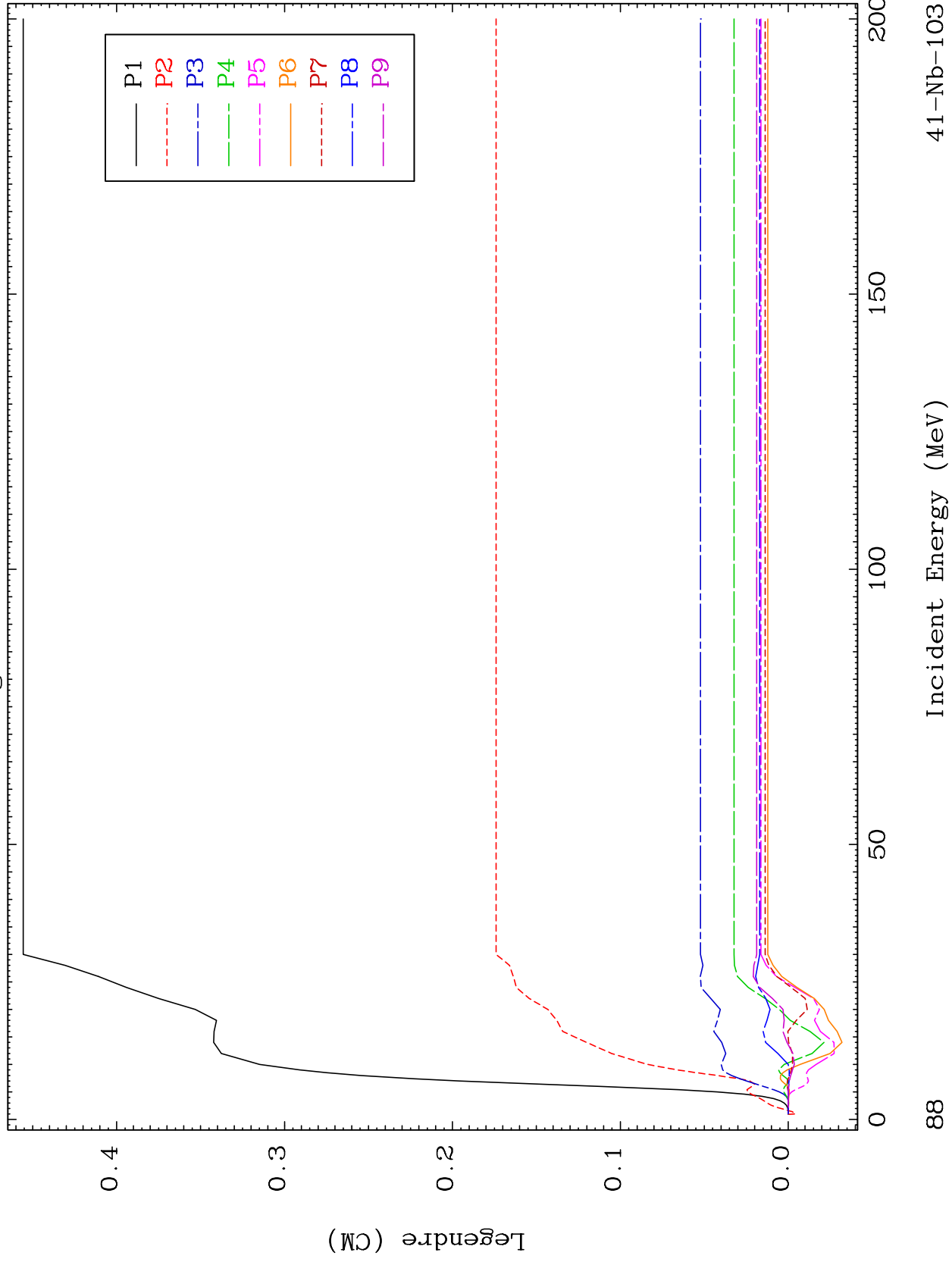
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



41-Nb-103

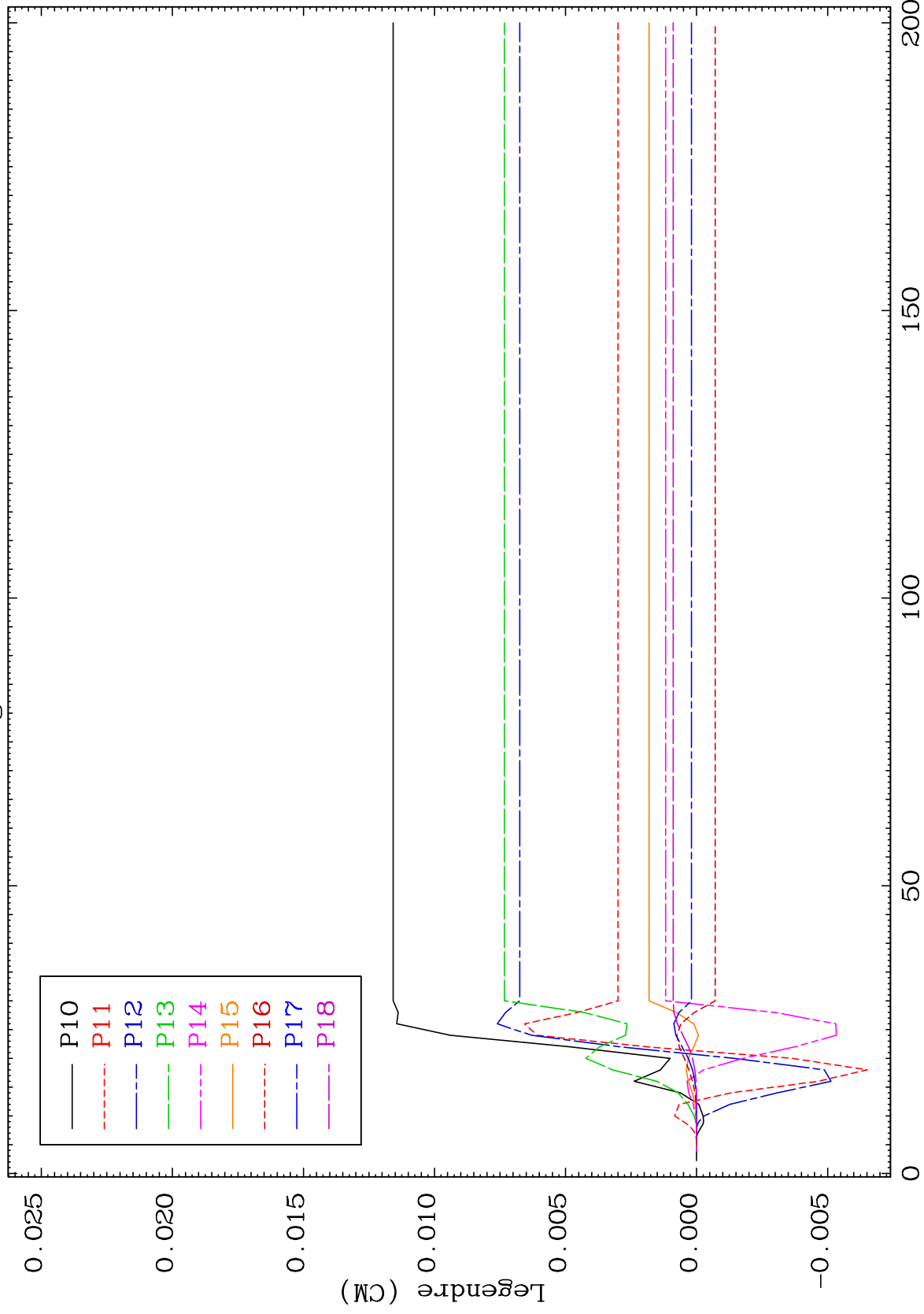
Incident Energy (MeV)

88

MAT 4155

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

41-Nb-103



89

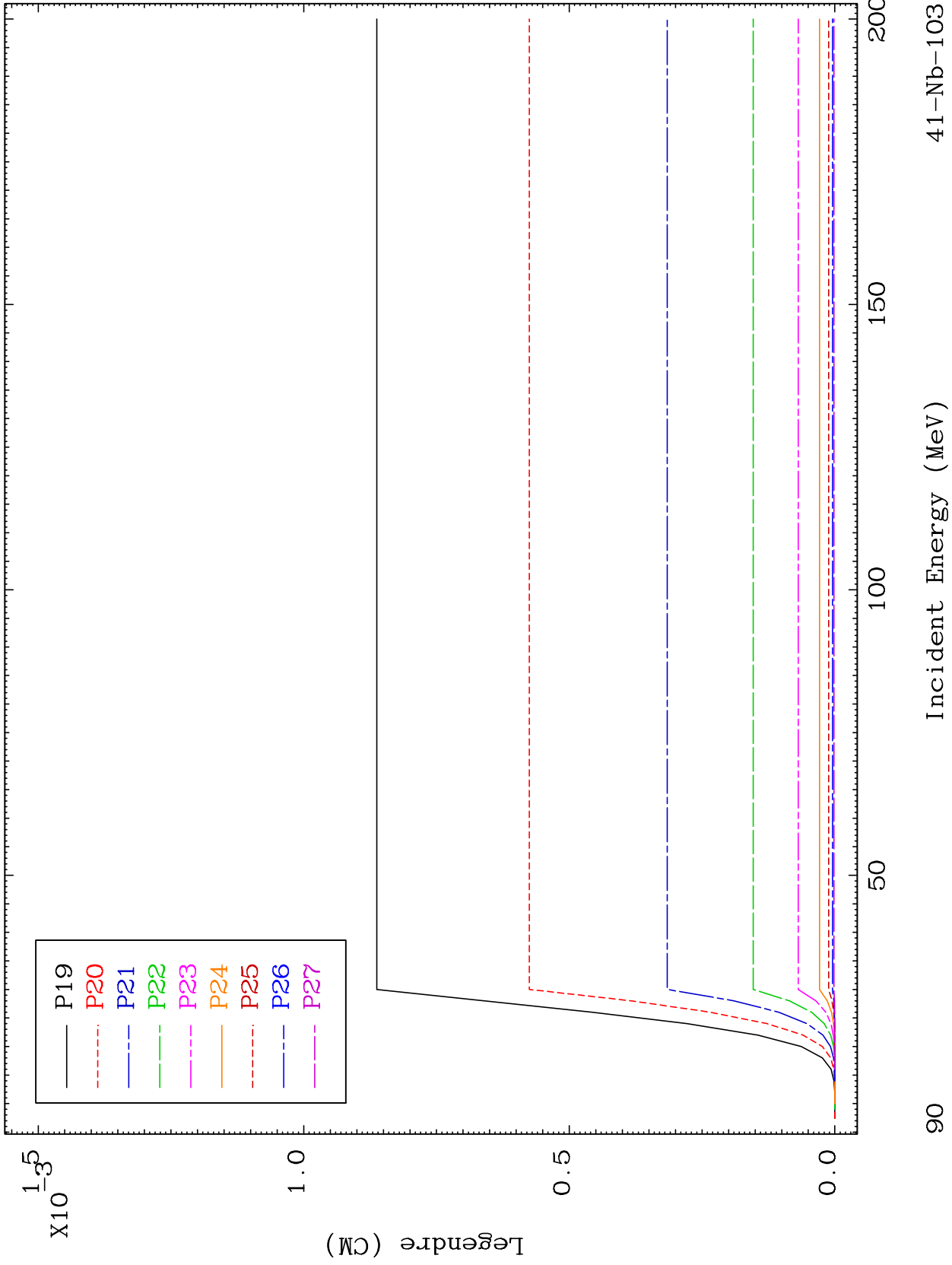
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



90

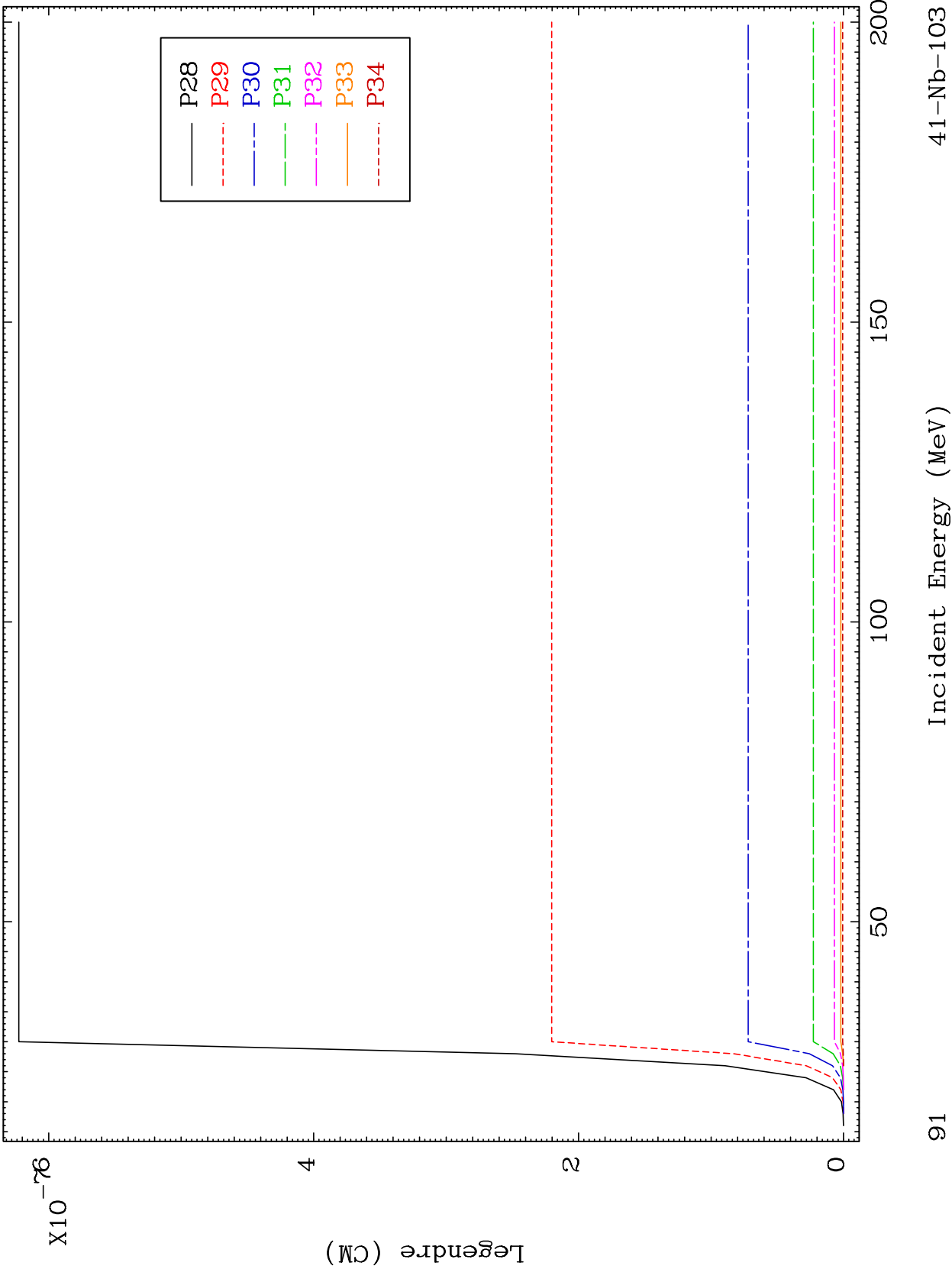
Incident Energy (MeV)

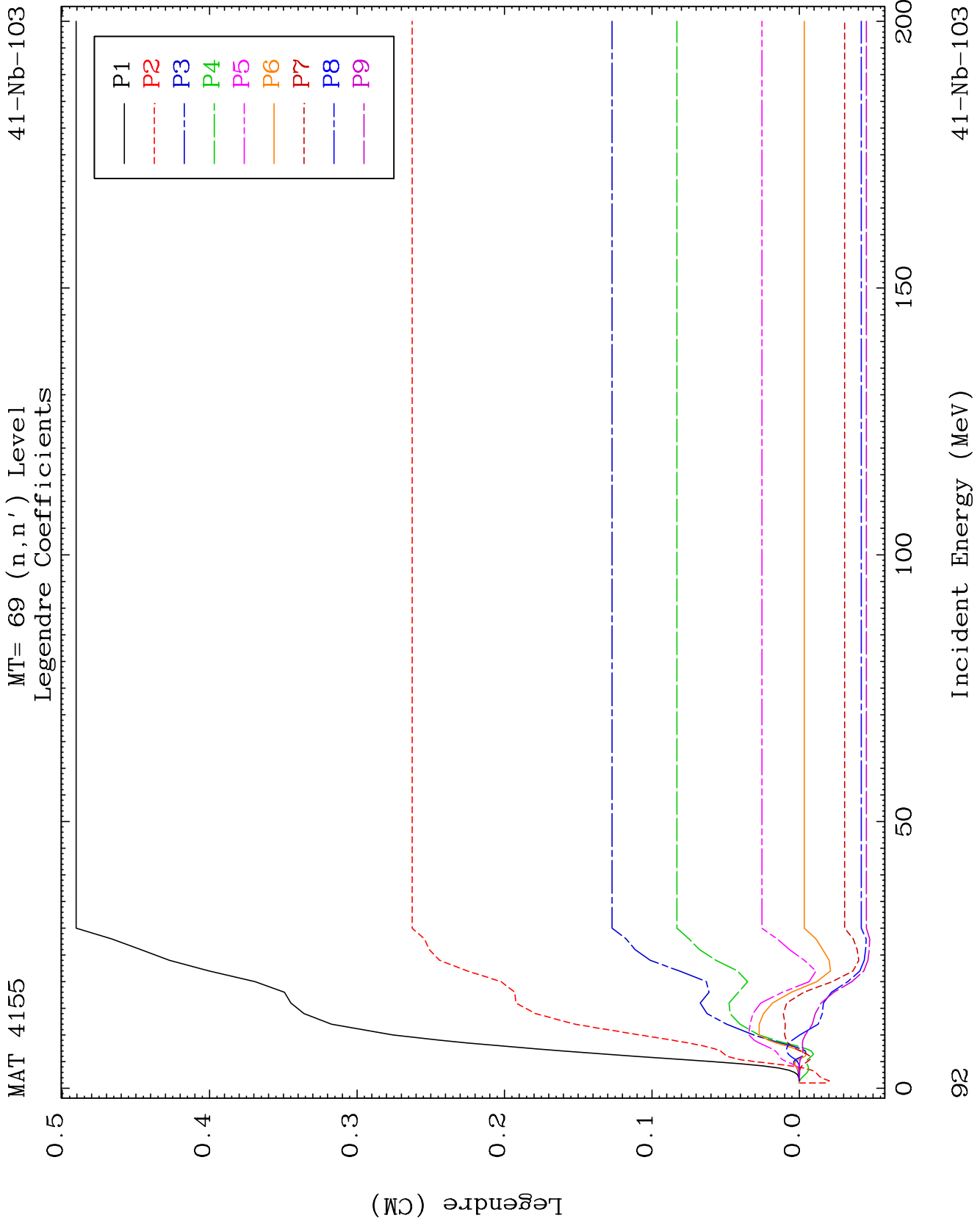
41-Nb-103

MAT 4155

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

41-Nb-103

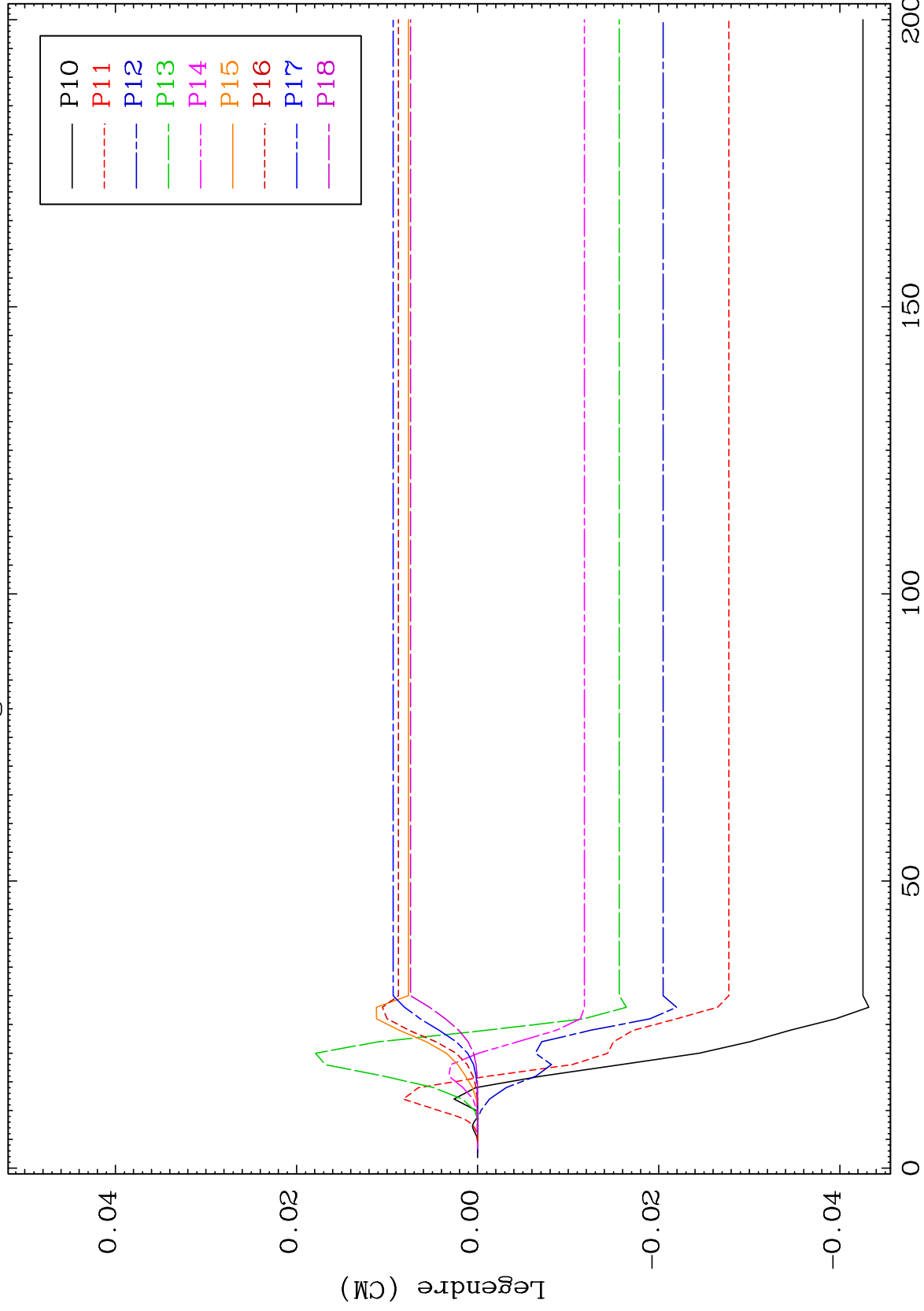




MAT 4155

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

41-Nb-103



93

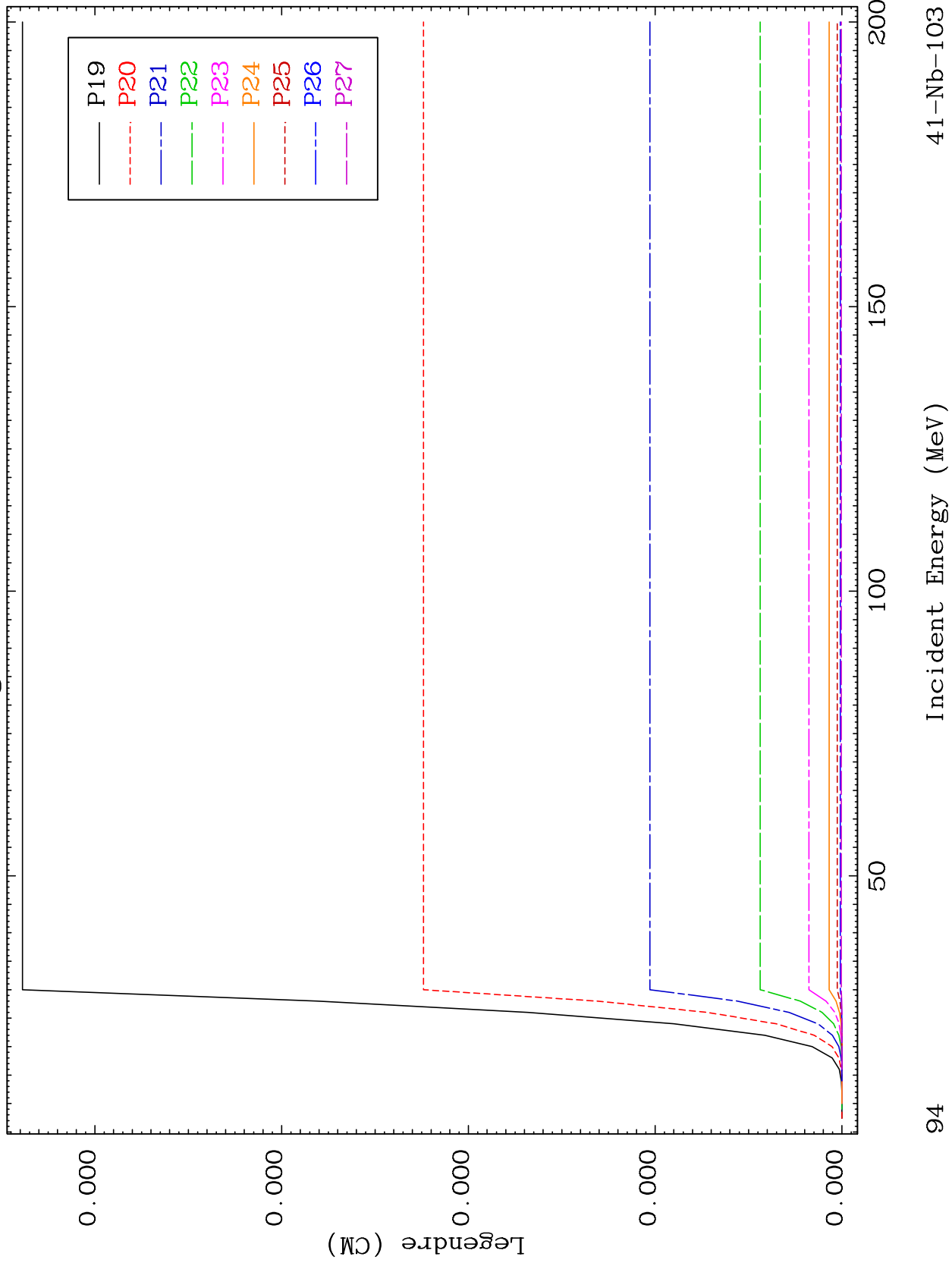
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

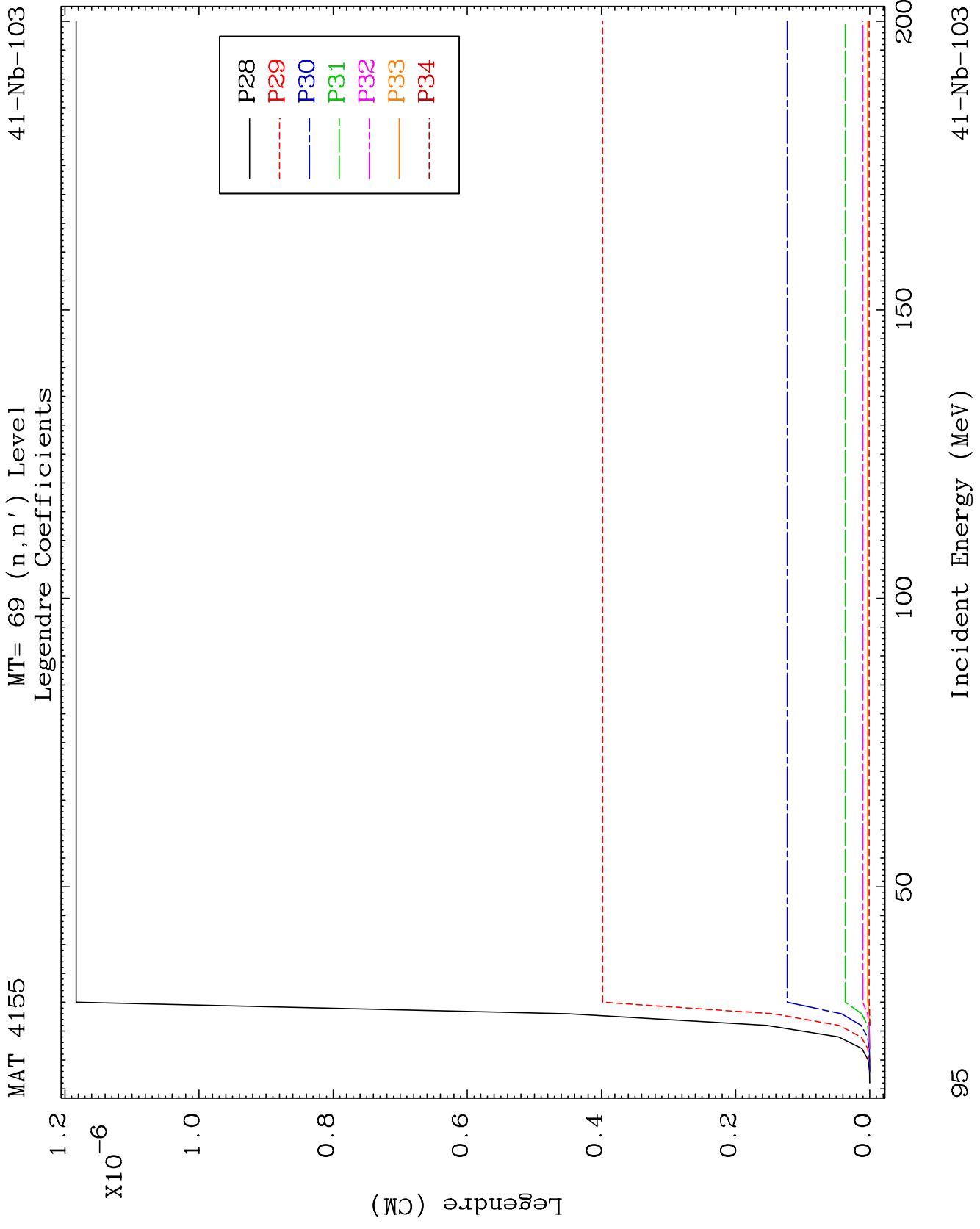
41-Nb-103



94

Incident Energy (MeV)

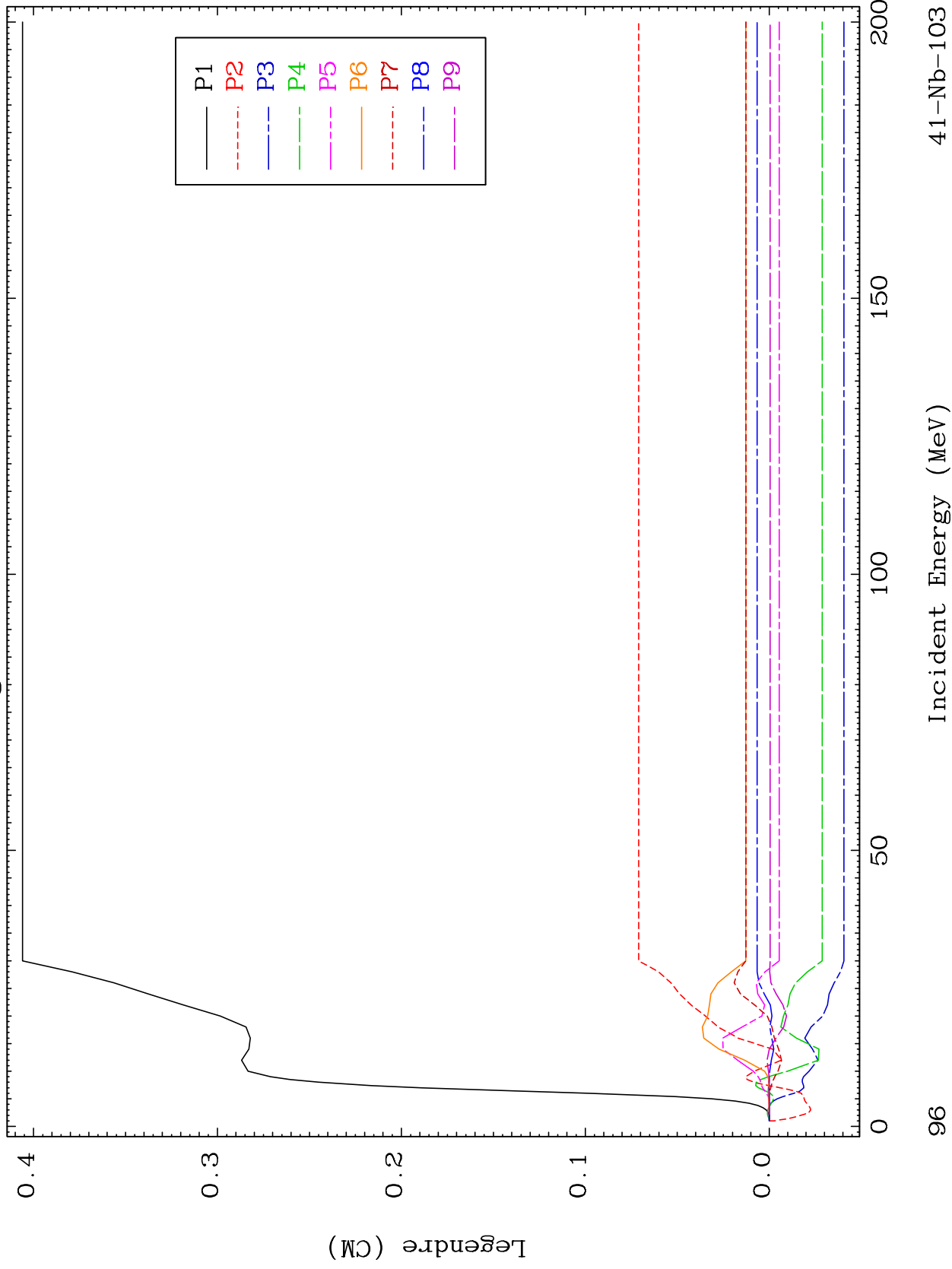
41-Nb-103



MAT 4155

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

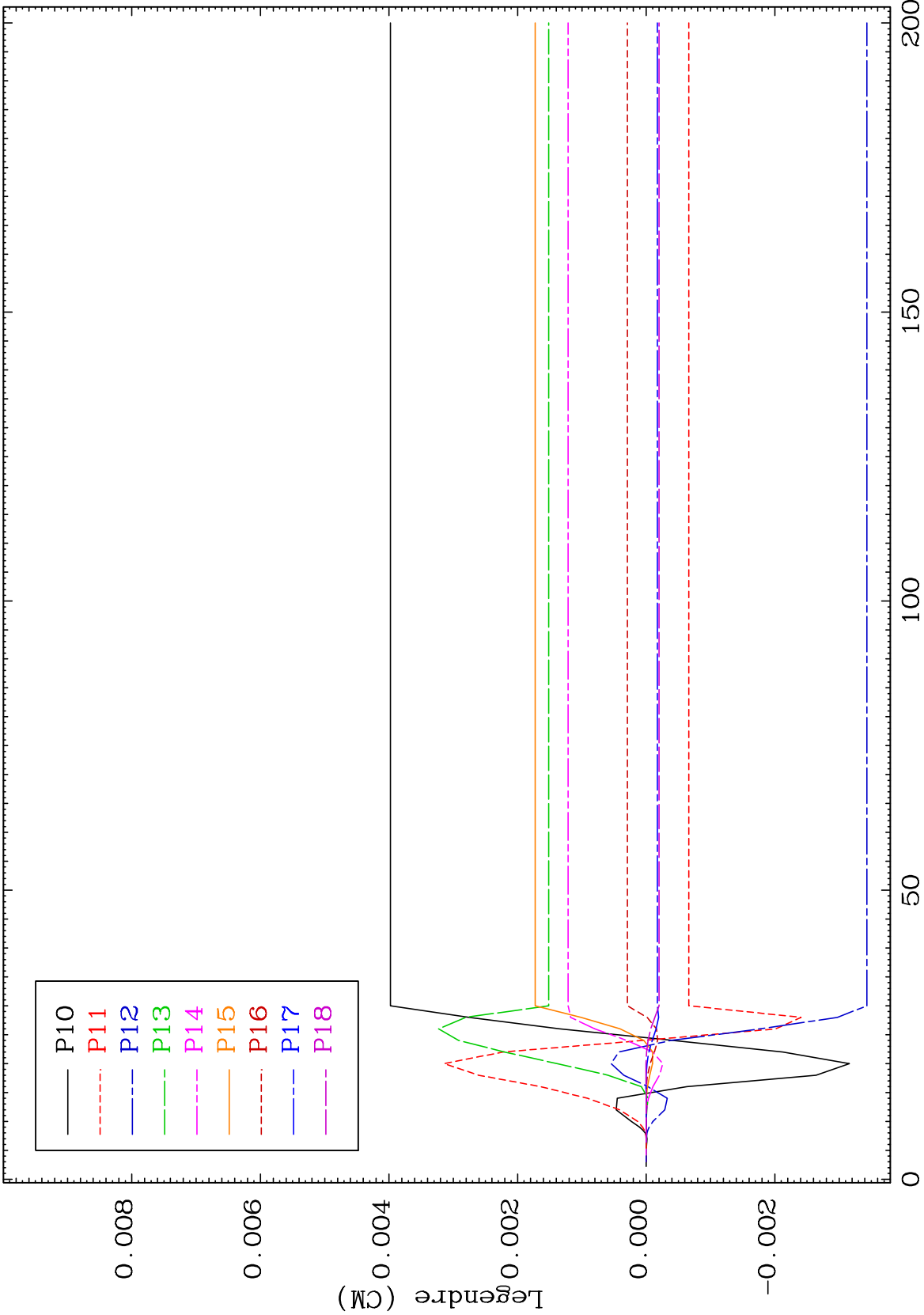
41-Nb-103



MAT 4155

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

41-Nb-103



97

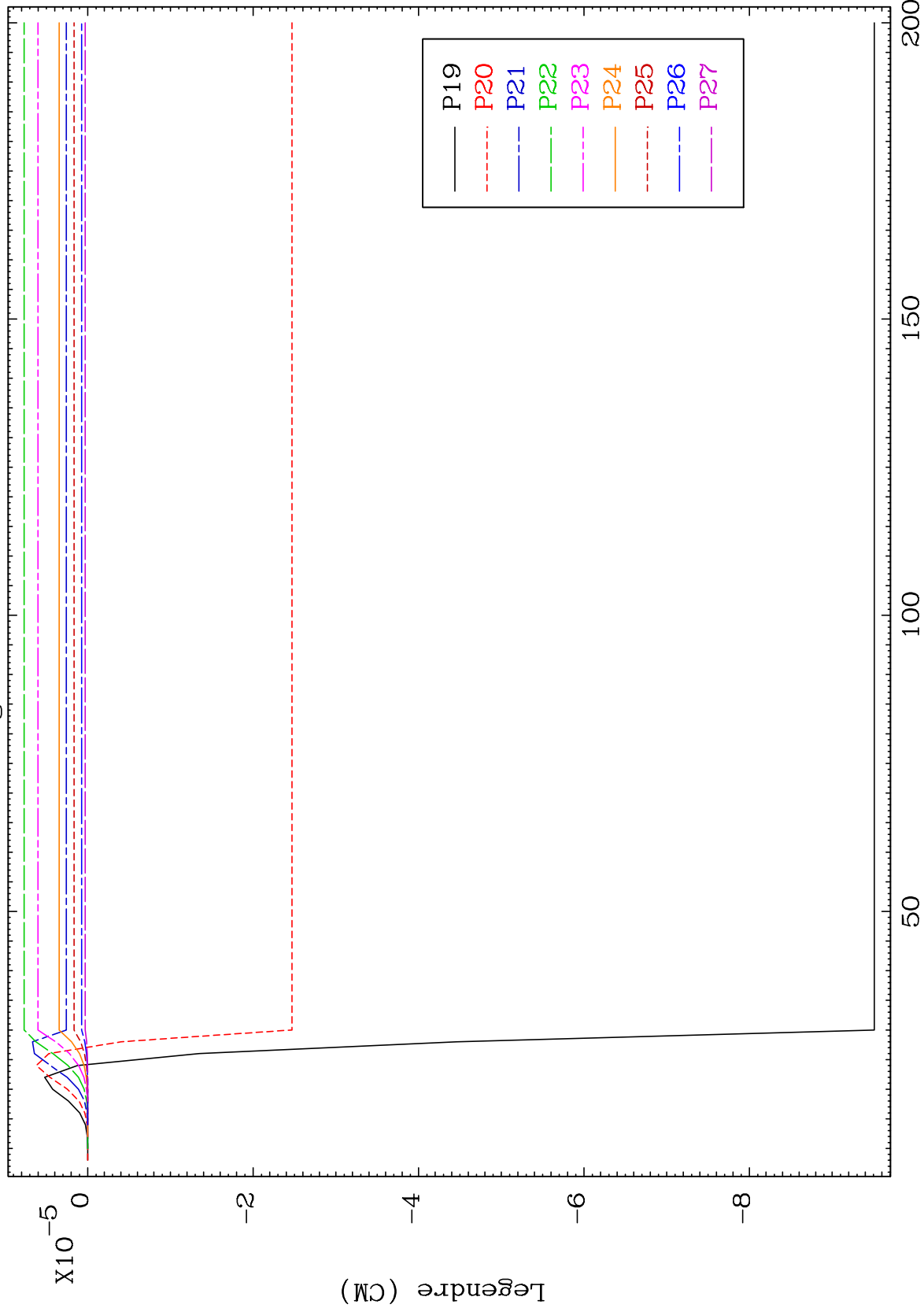
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



98

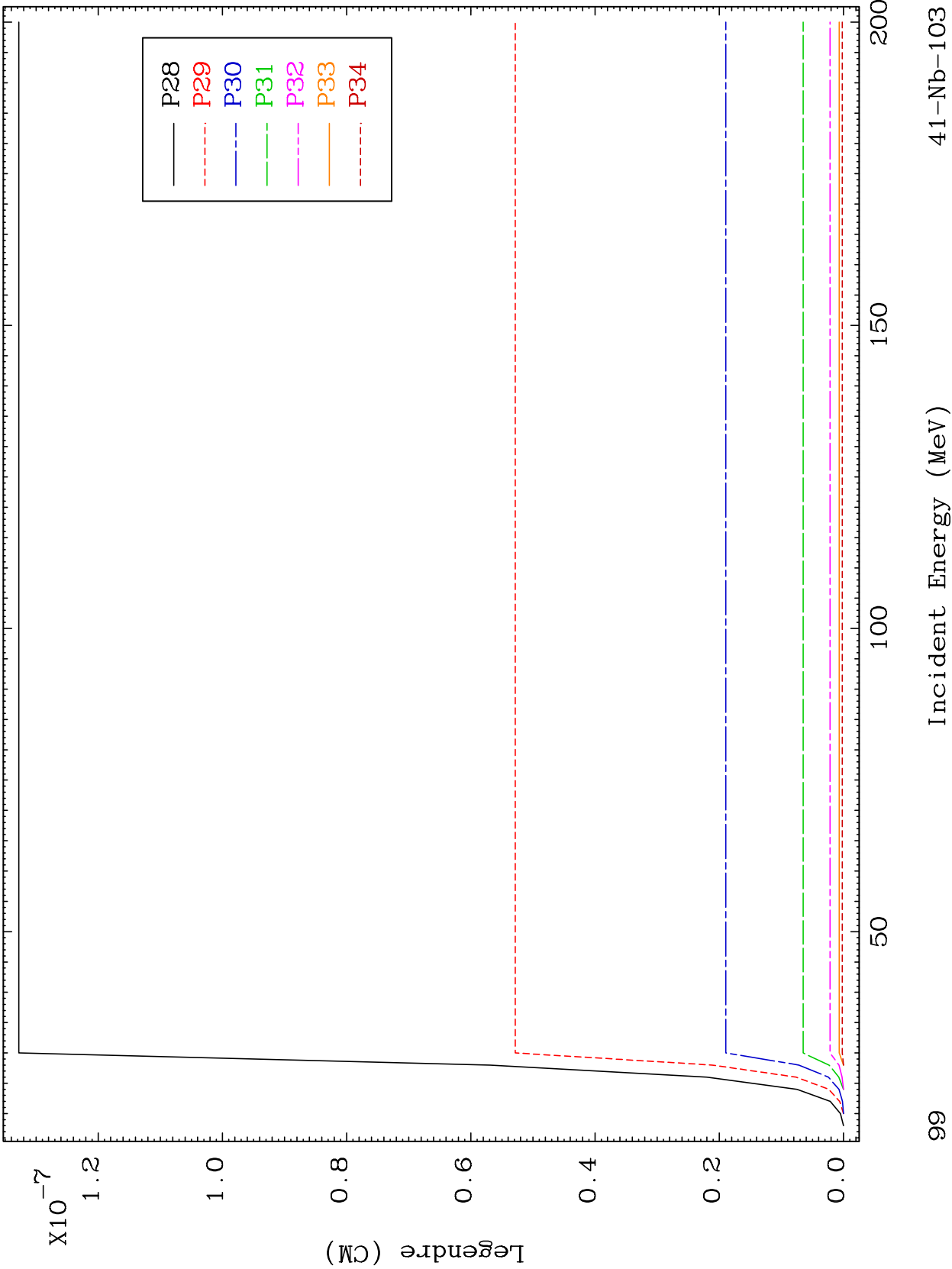
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



99

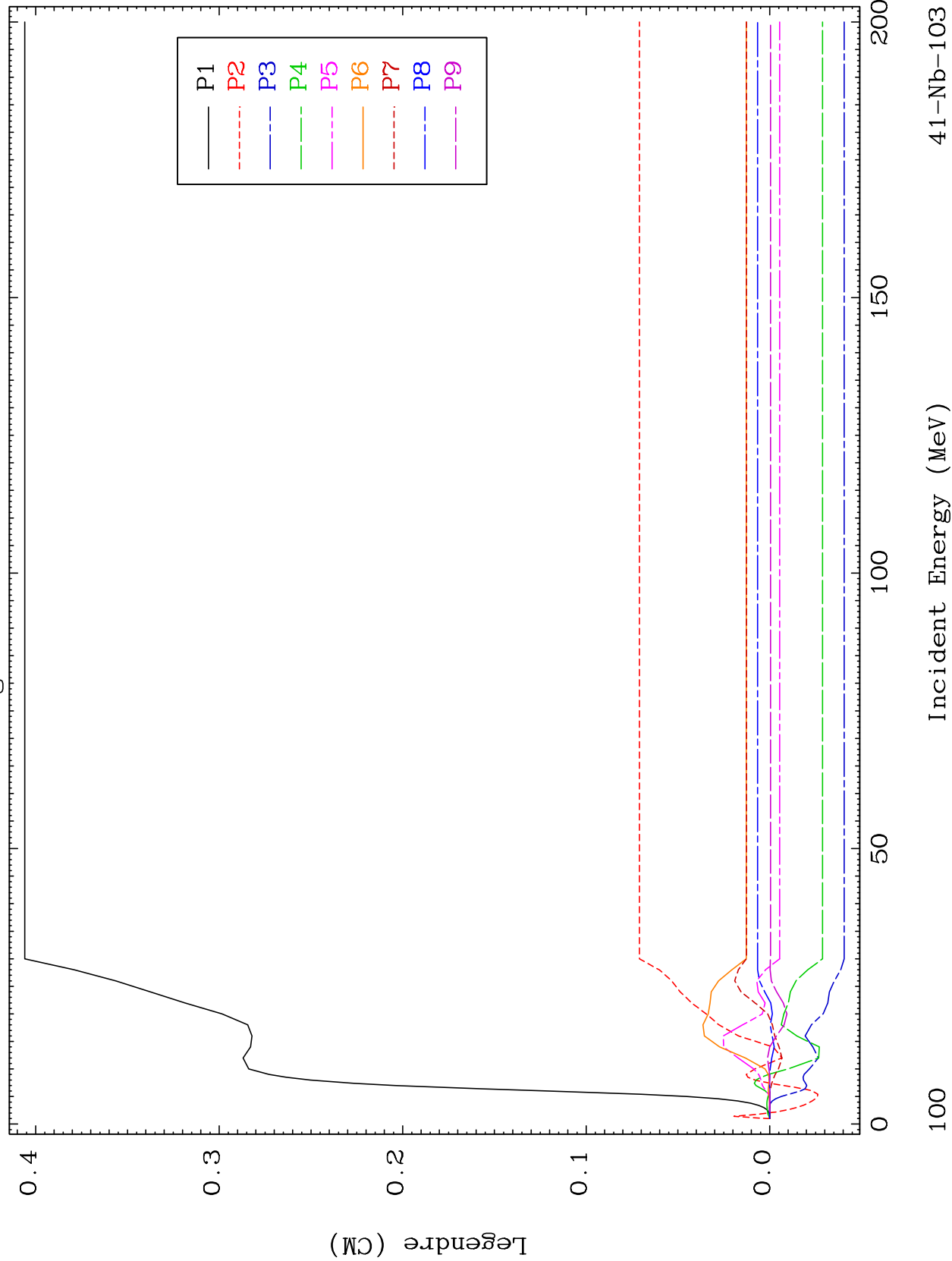
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



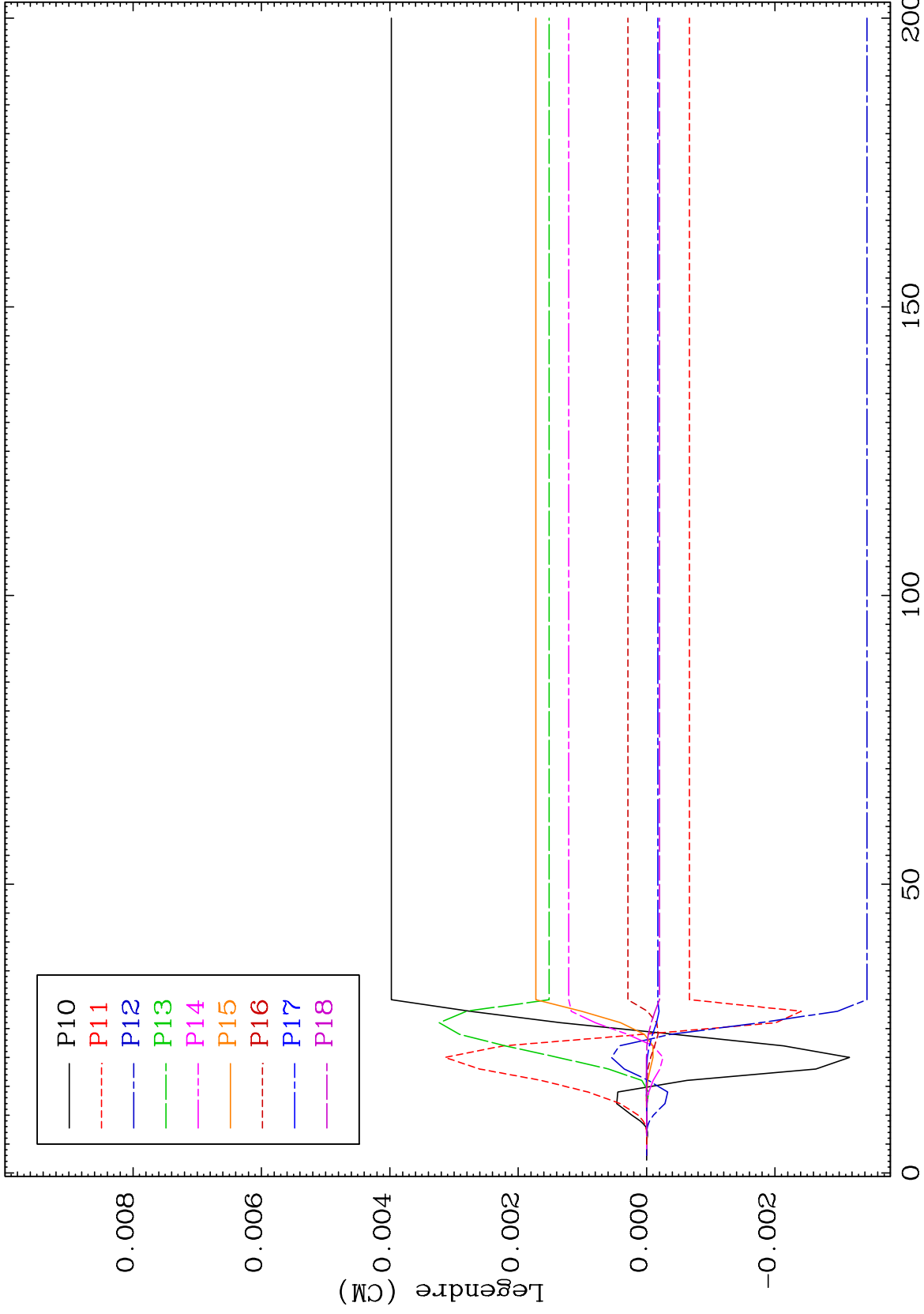
41-Nb-103

Incident Energy (MeV)

MAT 4155

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

41-Nb-103



101

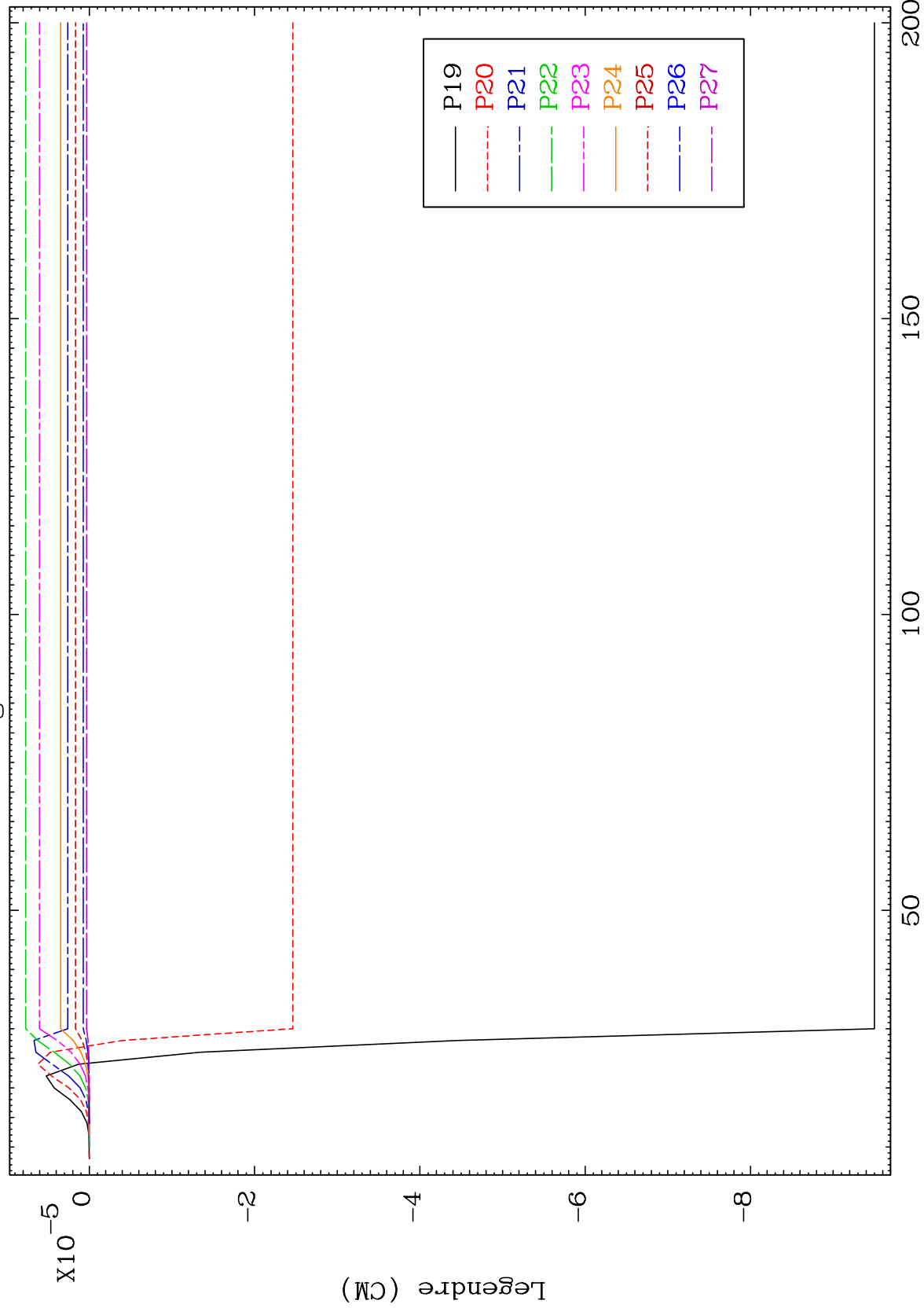
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



102

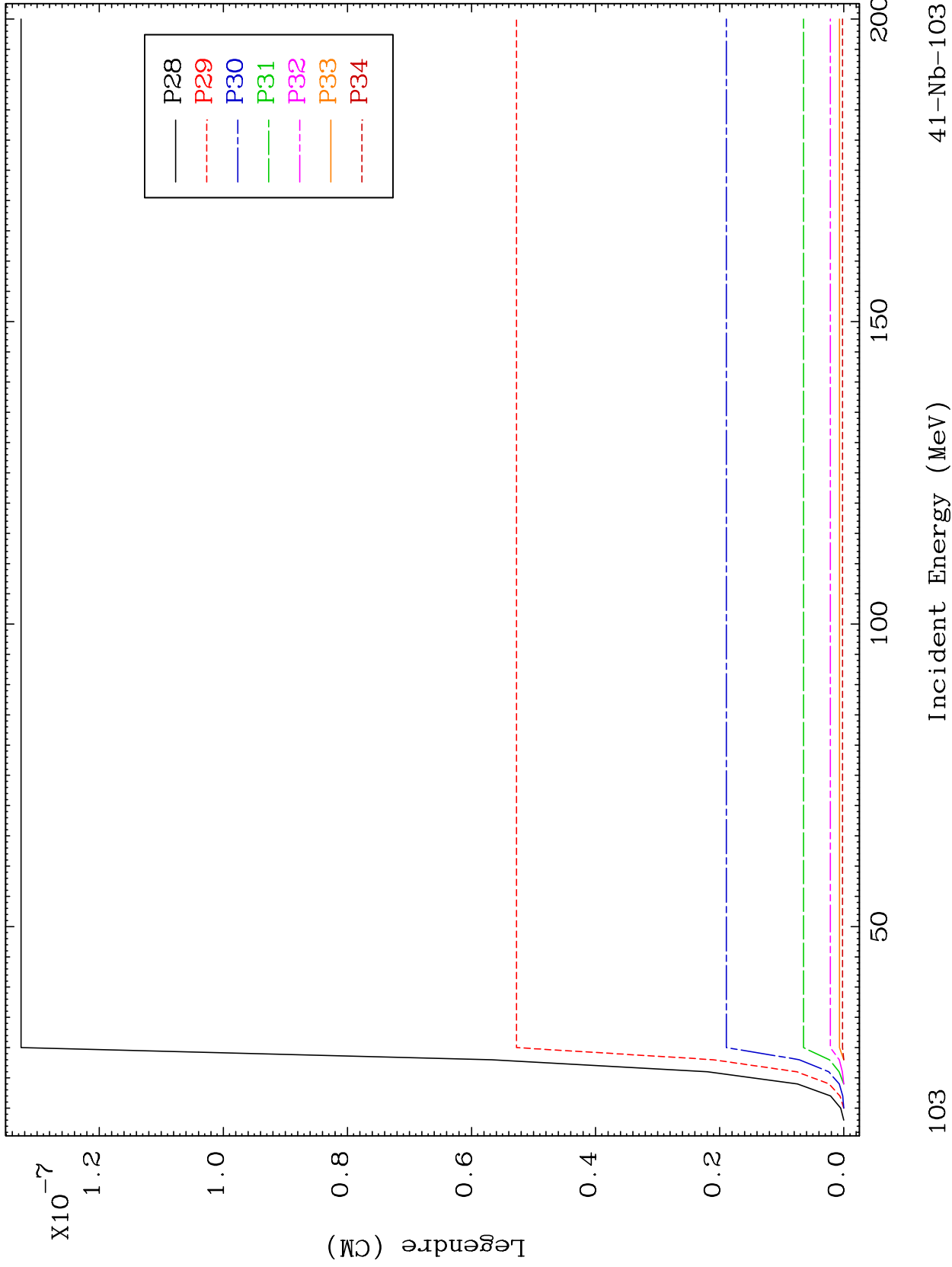
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

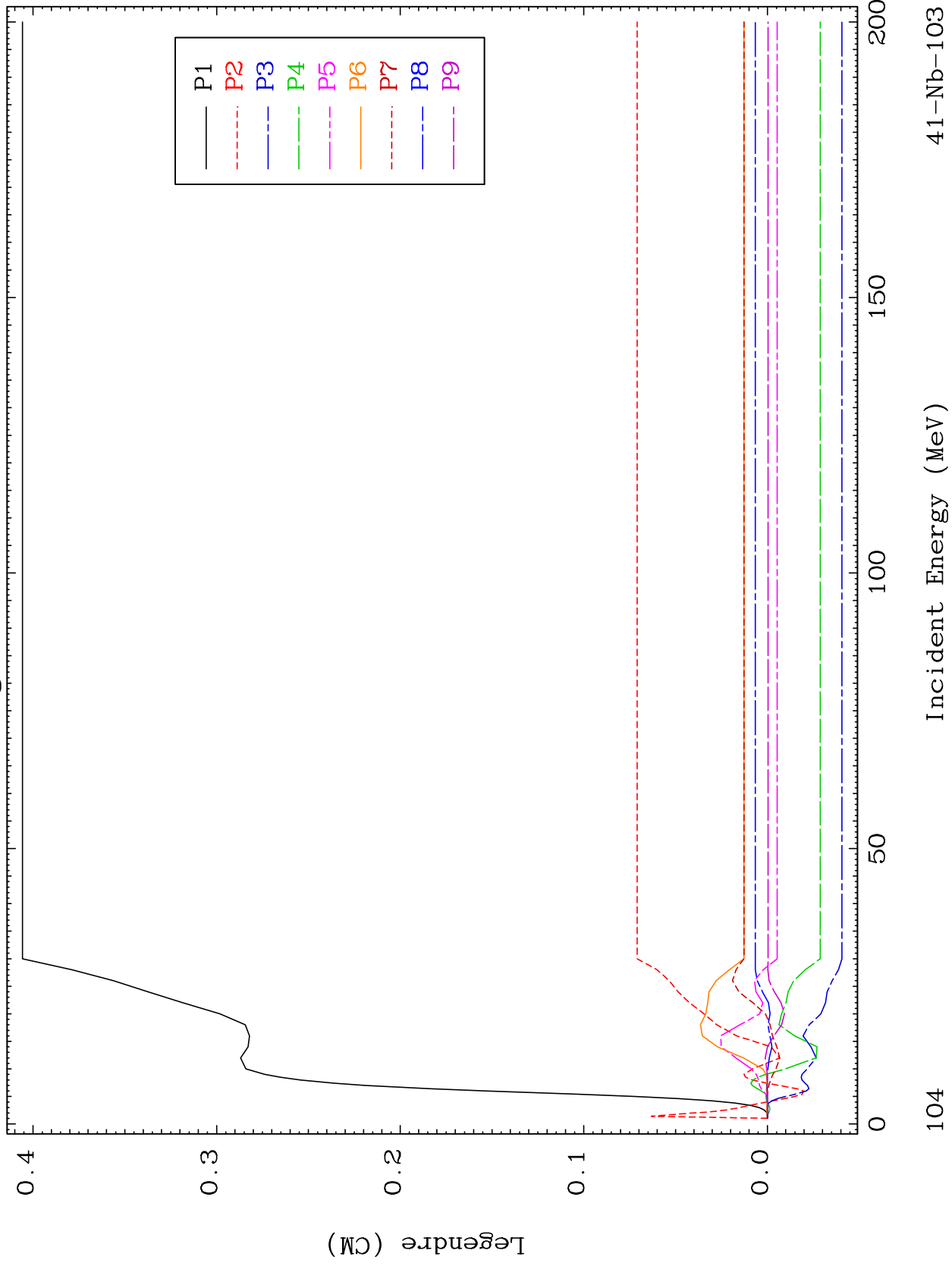
41-Nb-103



MAT 4155

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

41-Nb-103



41-Nb-103

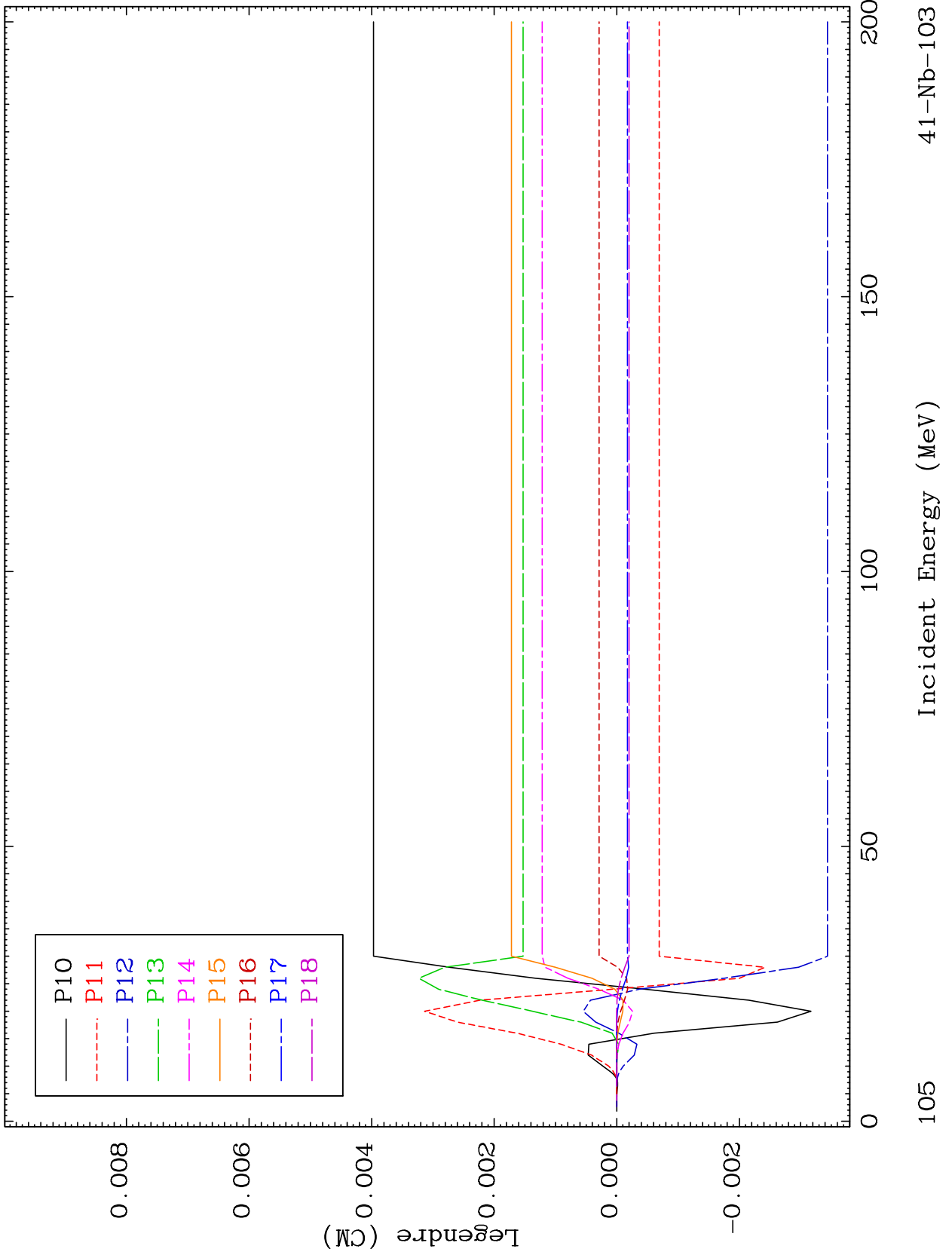
Incident Energy (MeV)

104

MAT 4155

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

41-Nb-103



105

Incident Energy (MeV)

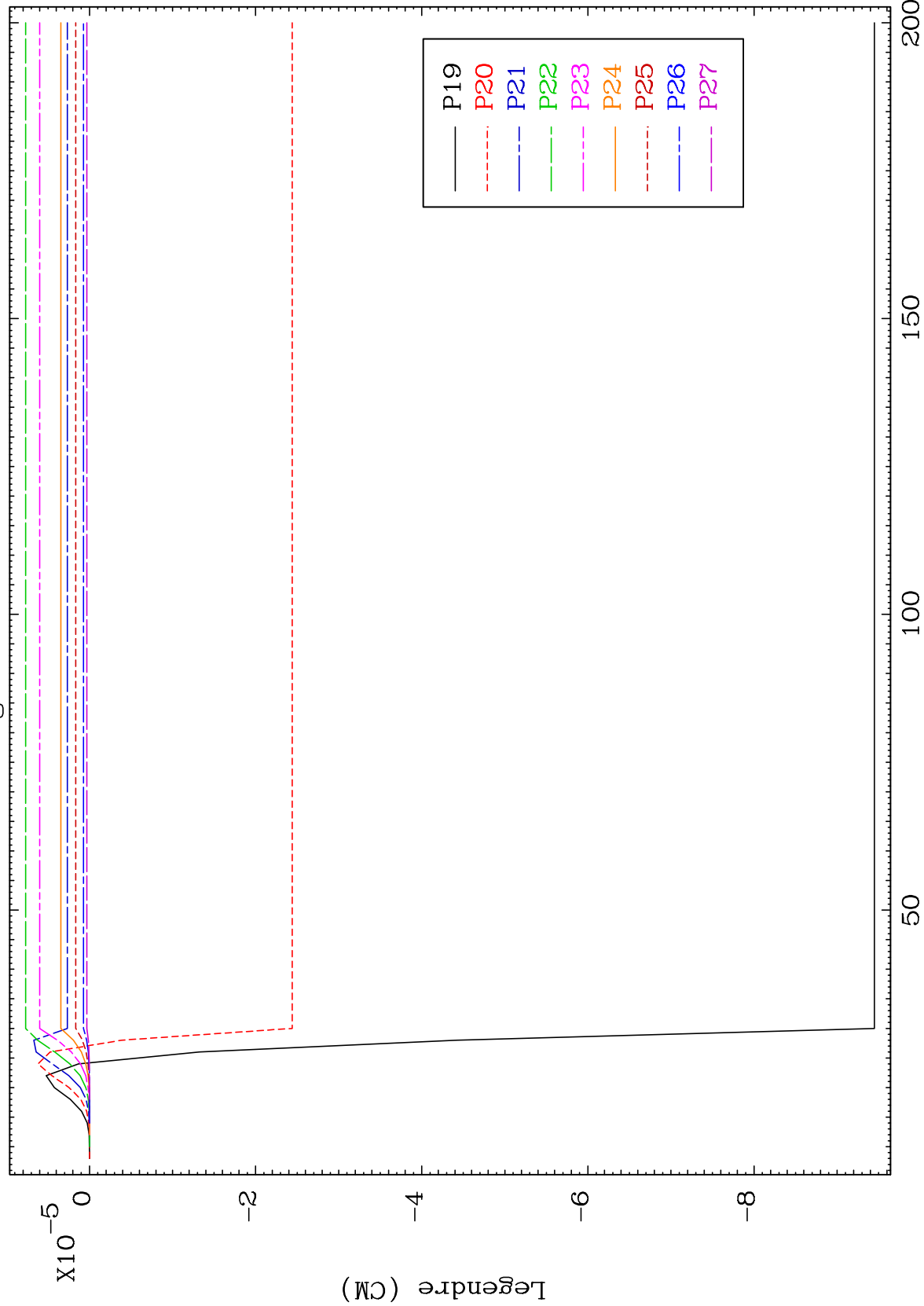
41-Nb-103

MAT 4155

MT= 72 (n,n') Level

41-Nb-103

Legendre Coefficients



106

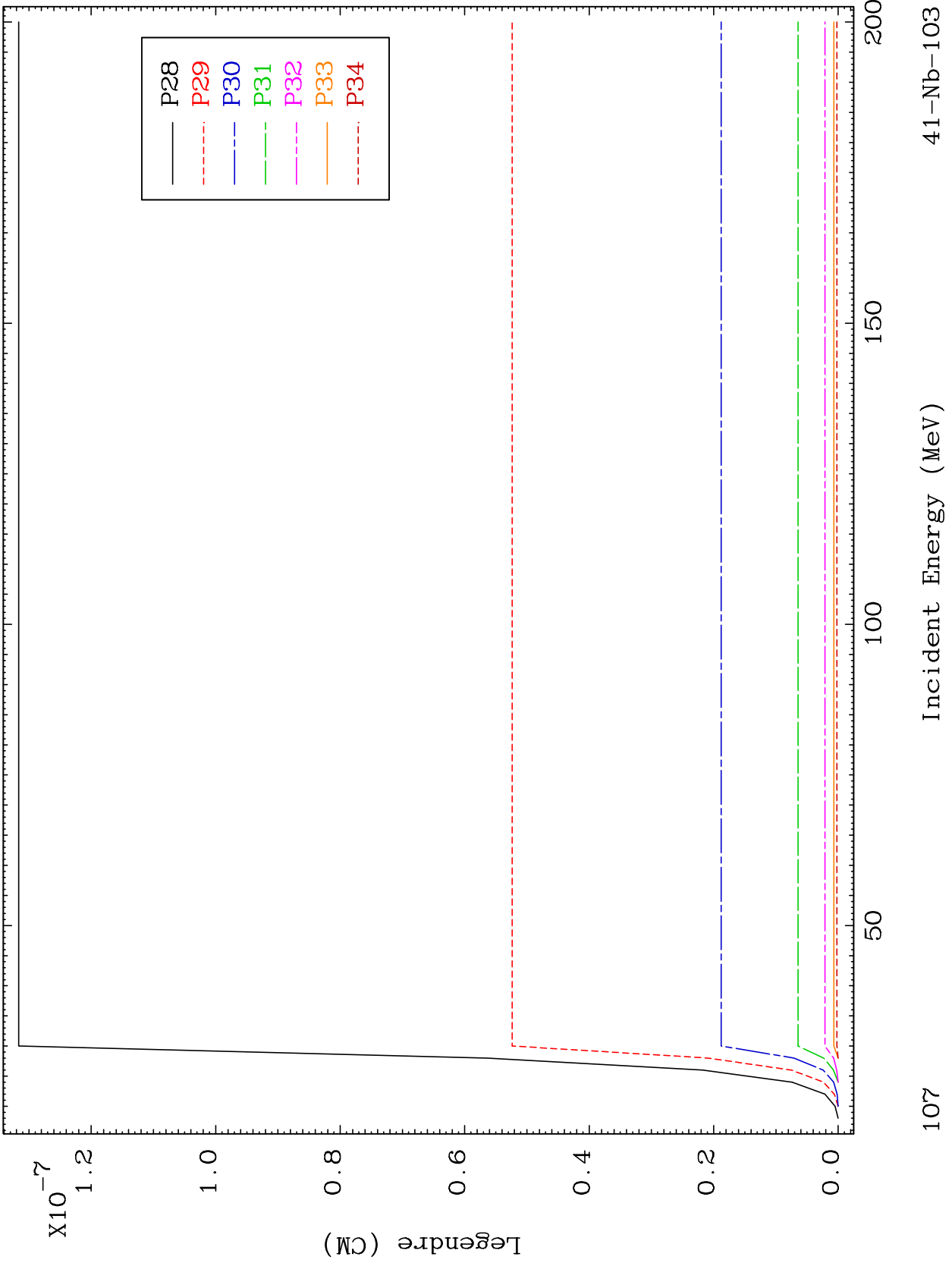
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



107

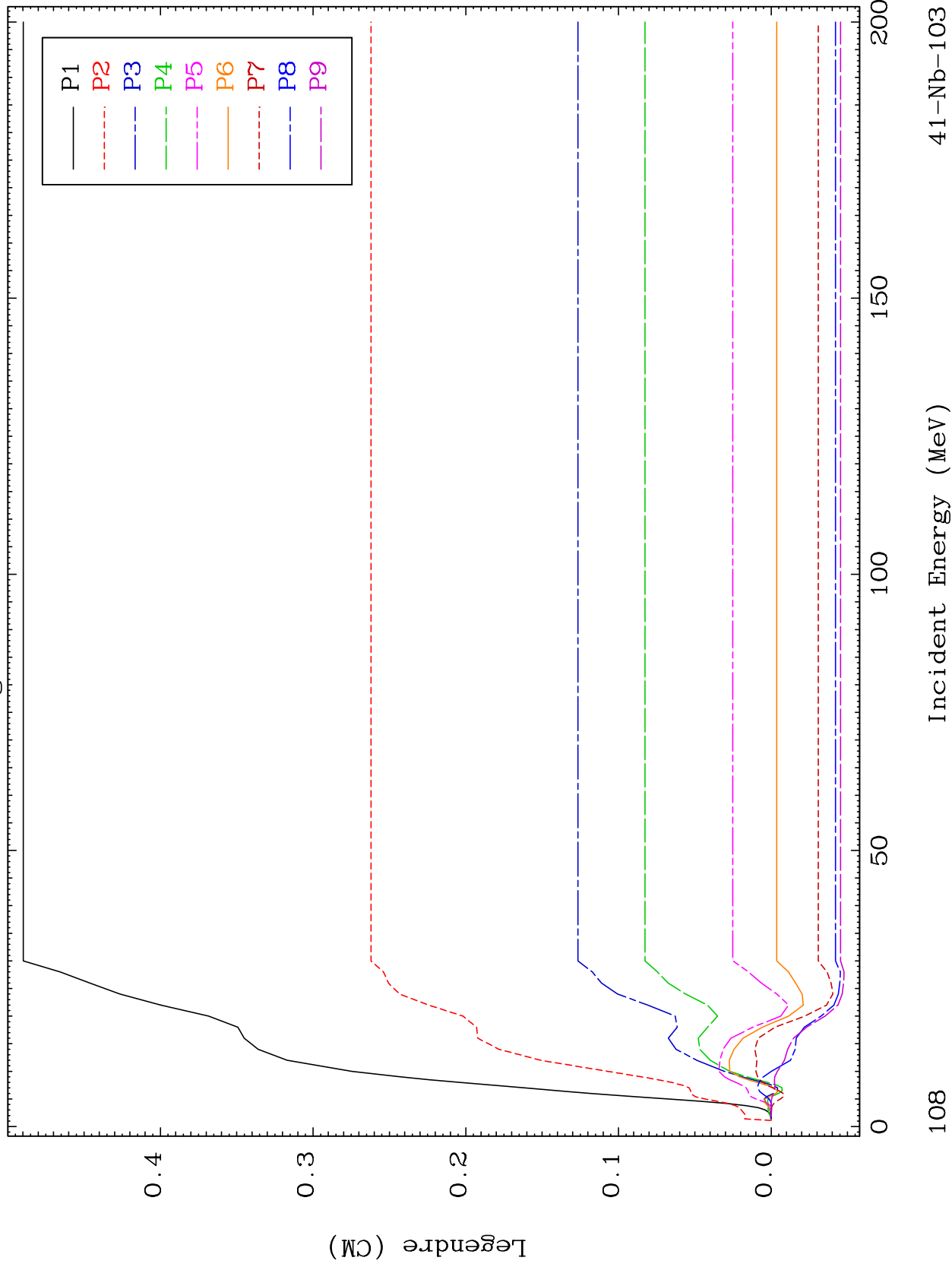
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



108

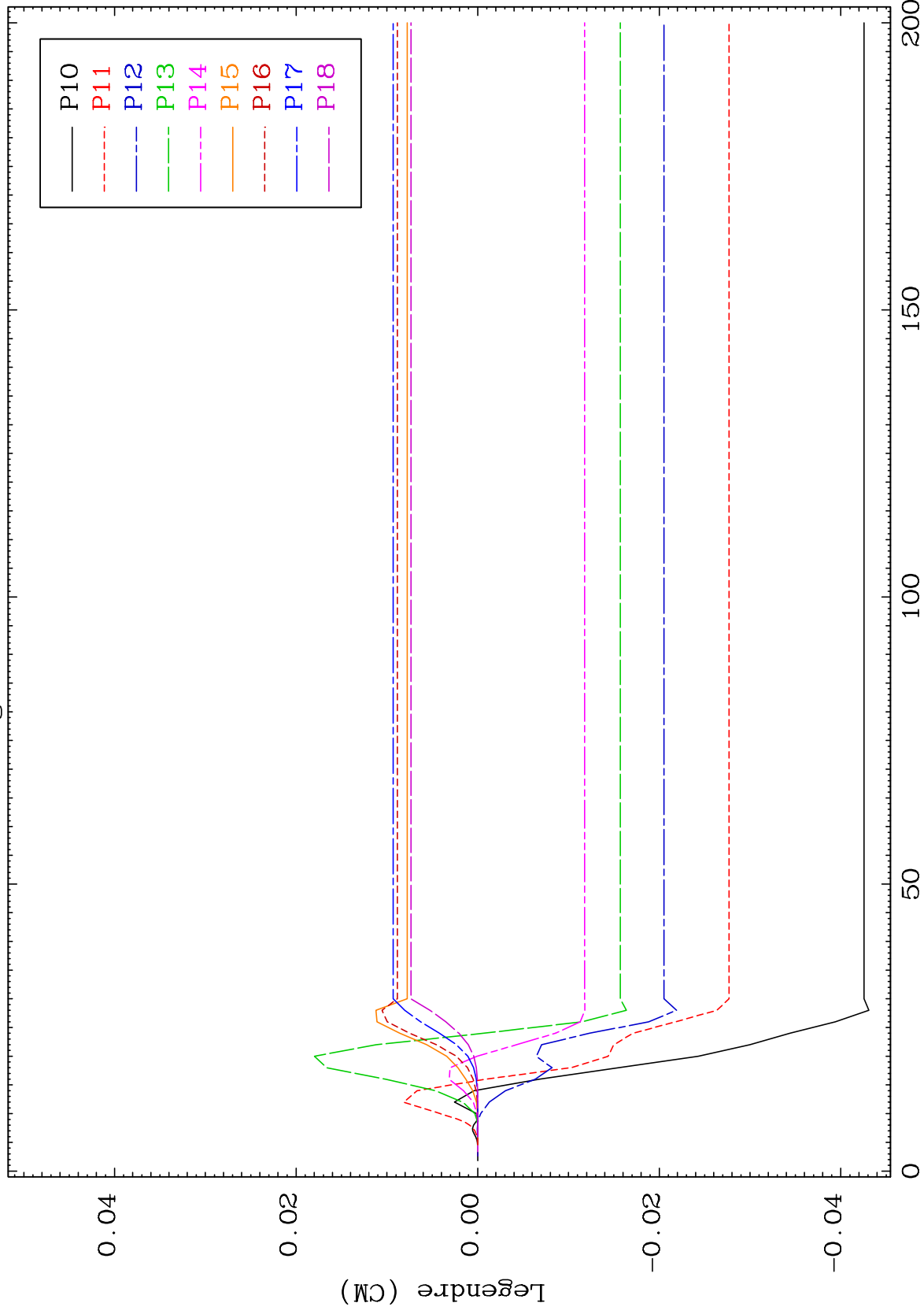
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



109

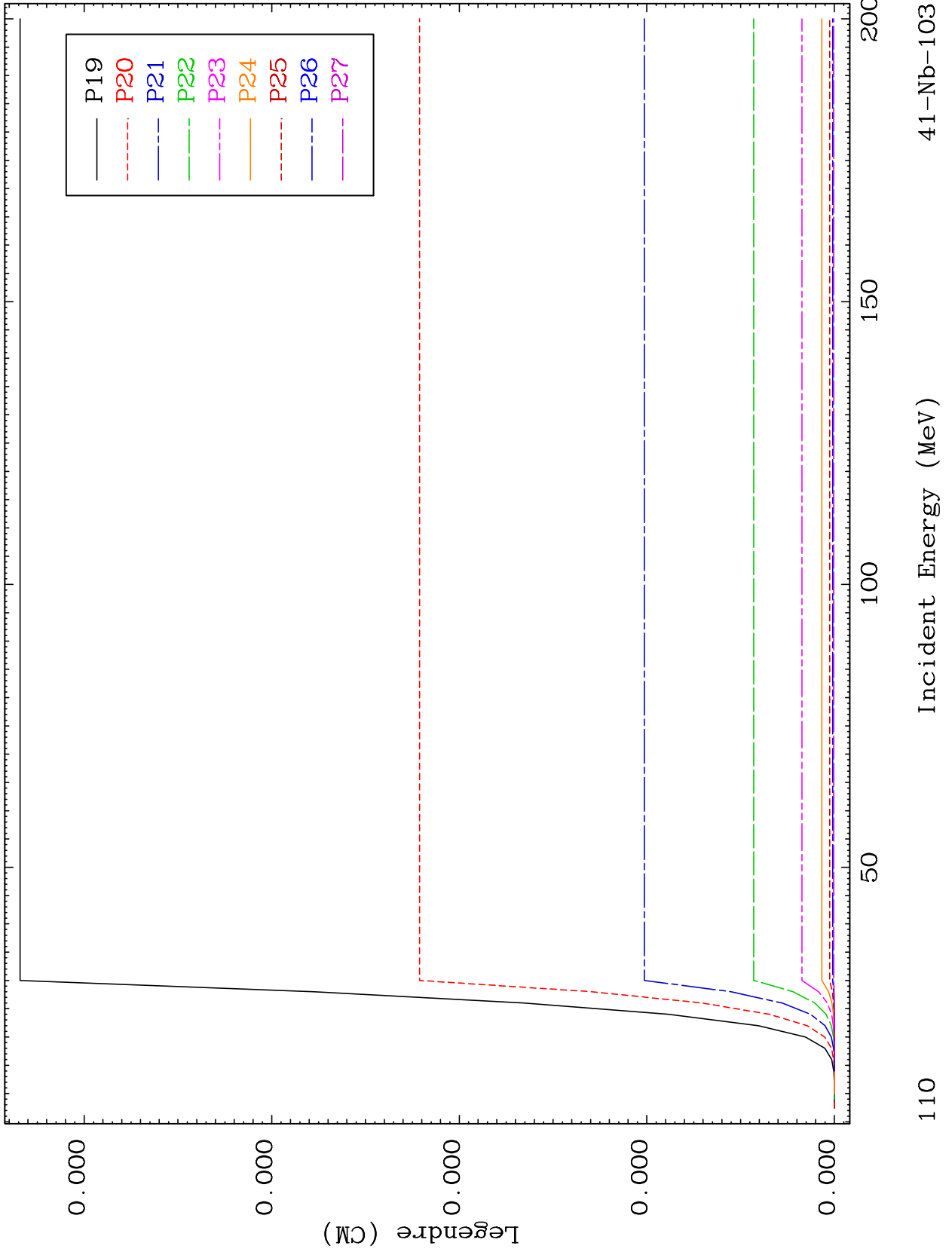
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



110

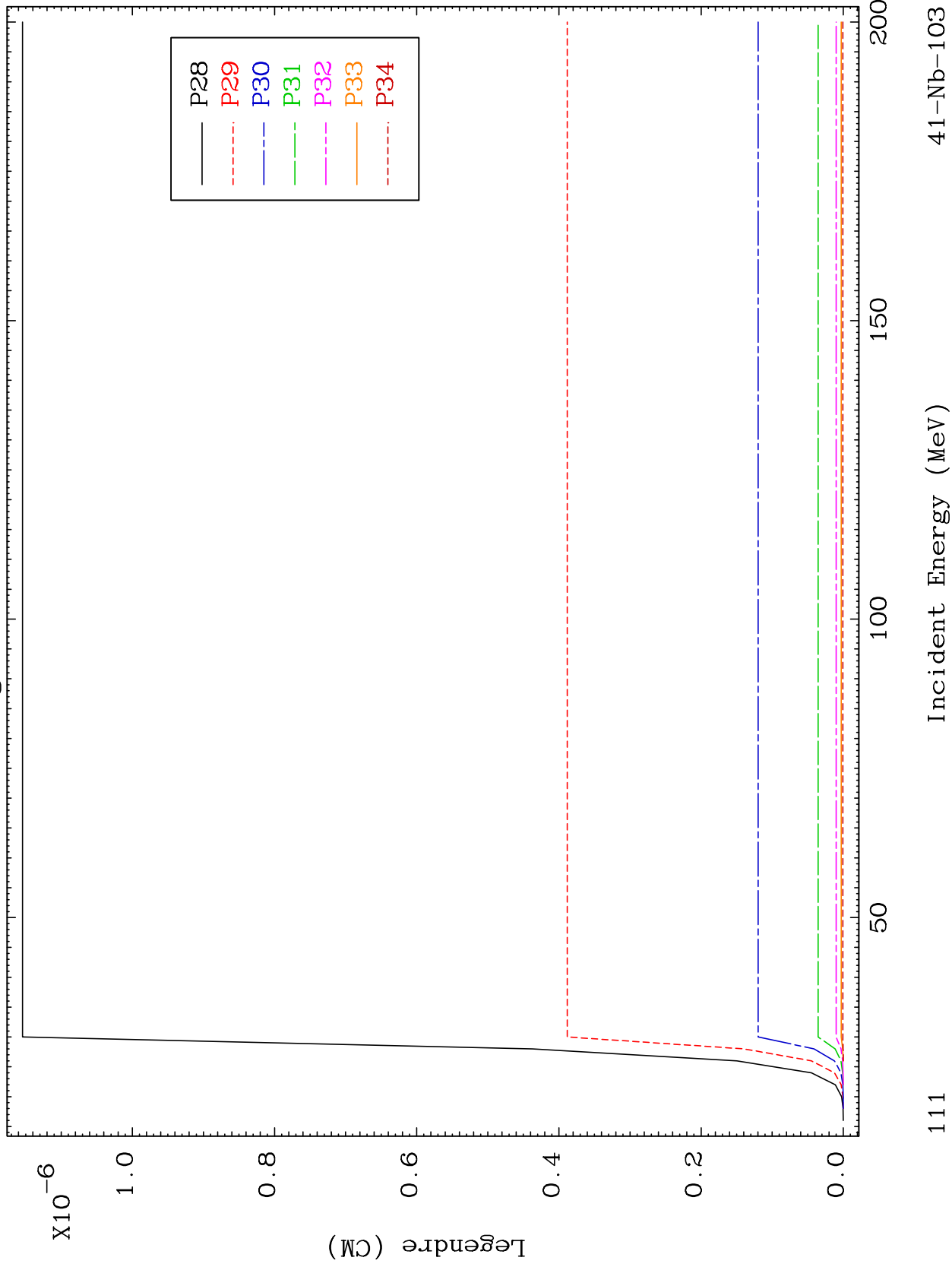
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103

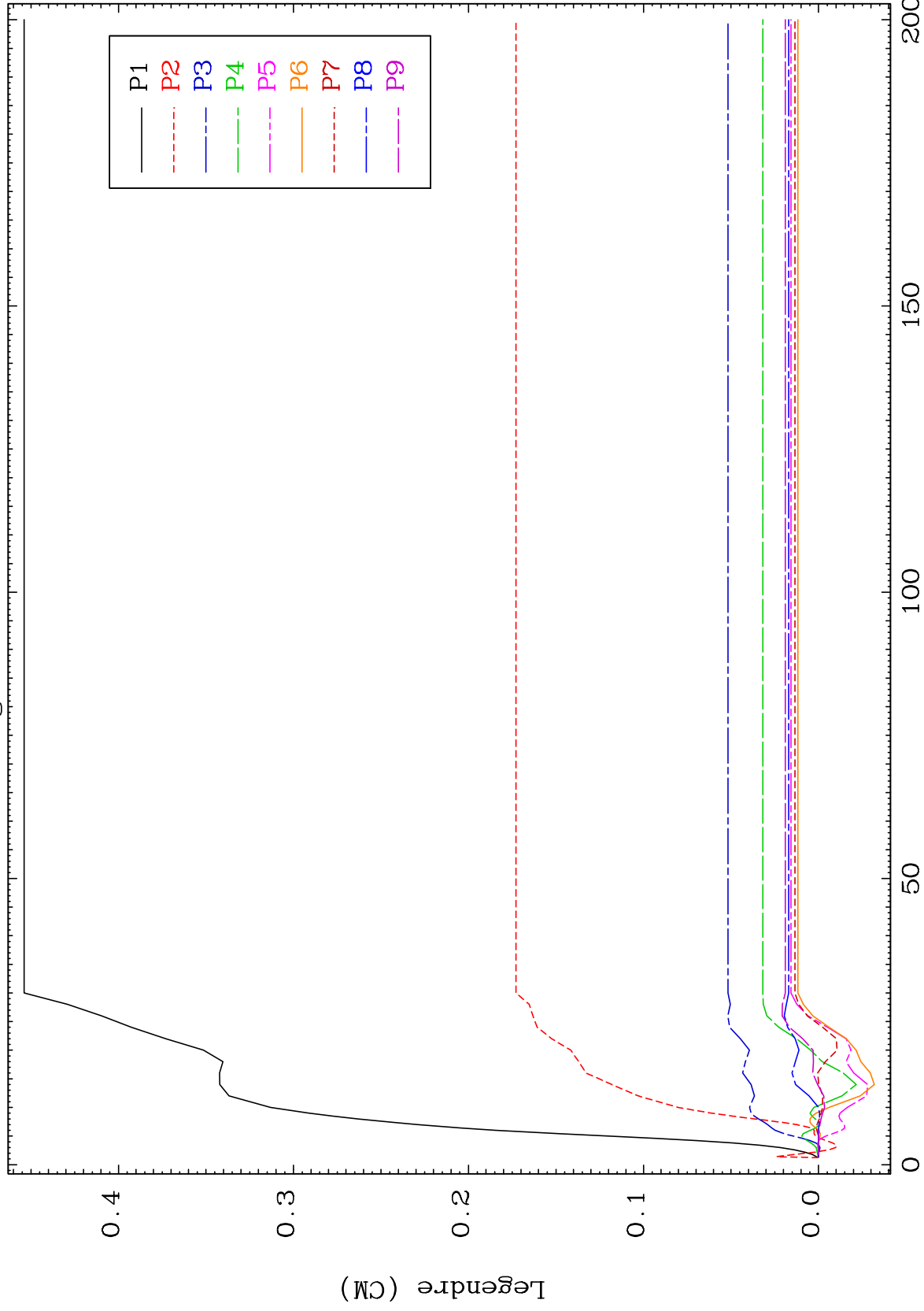


111

MAT 4155

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

41-Nb-103



112

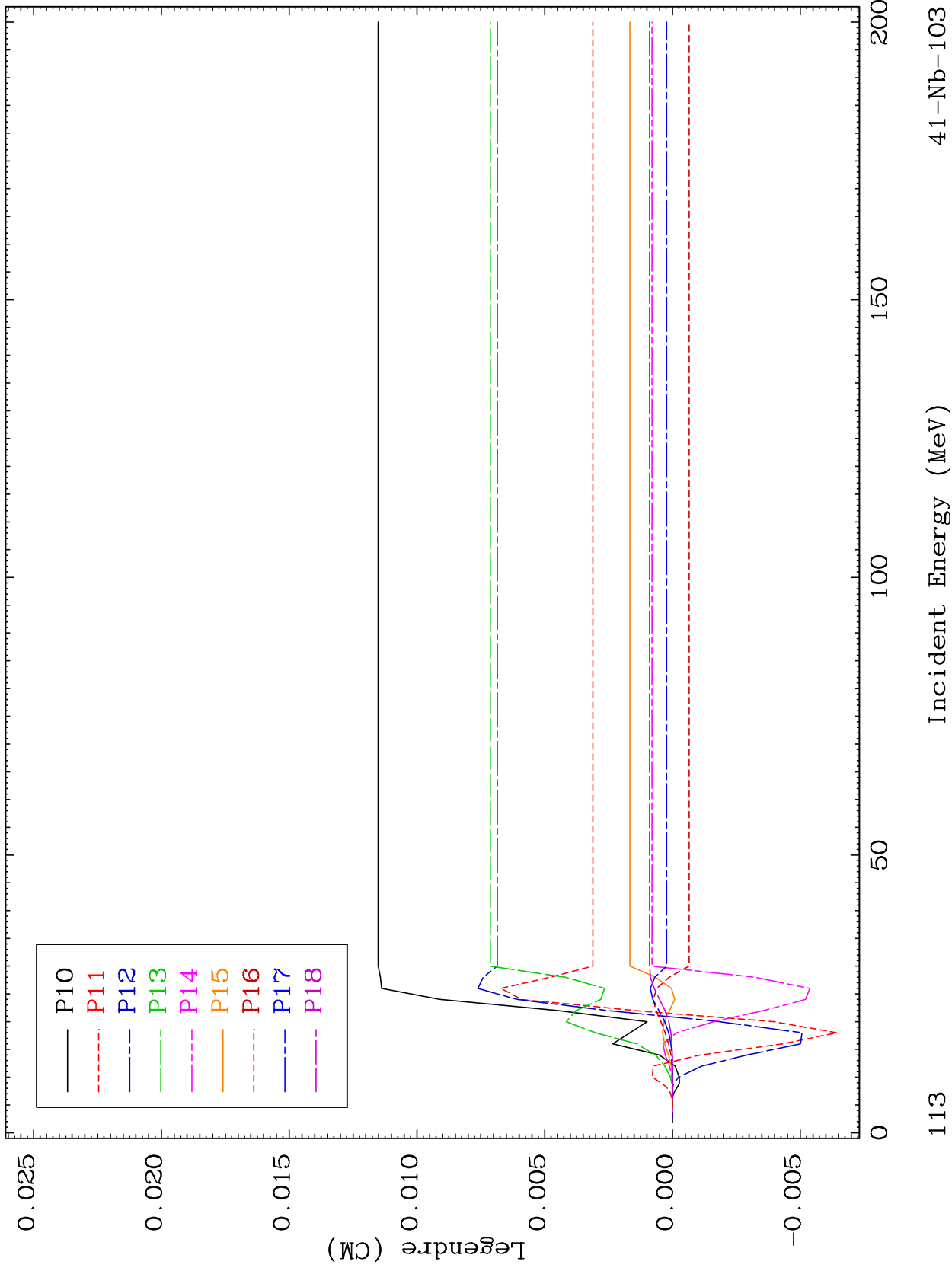
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



113

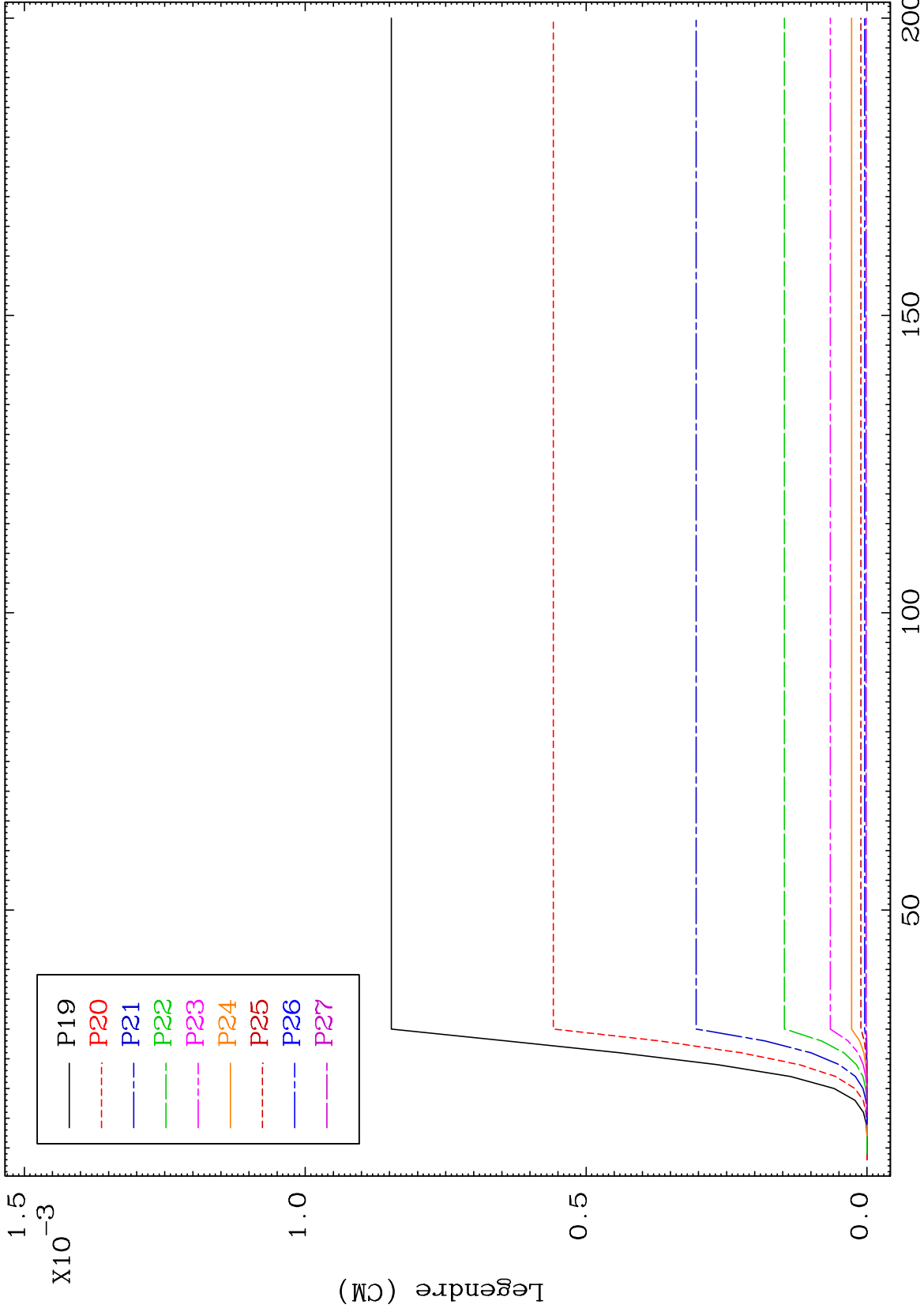
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



114

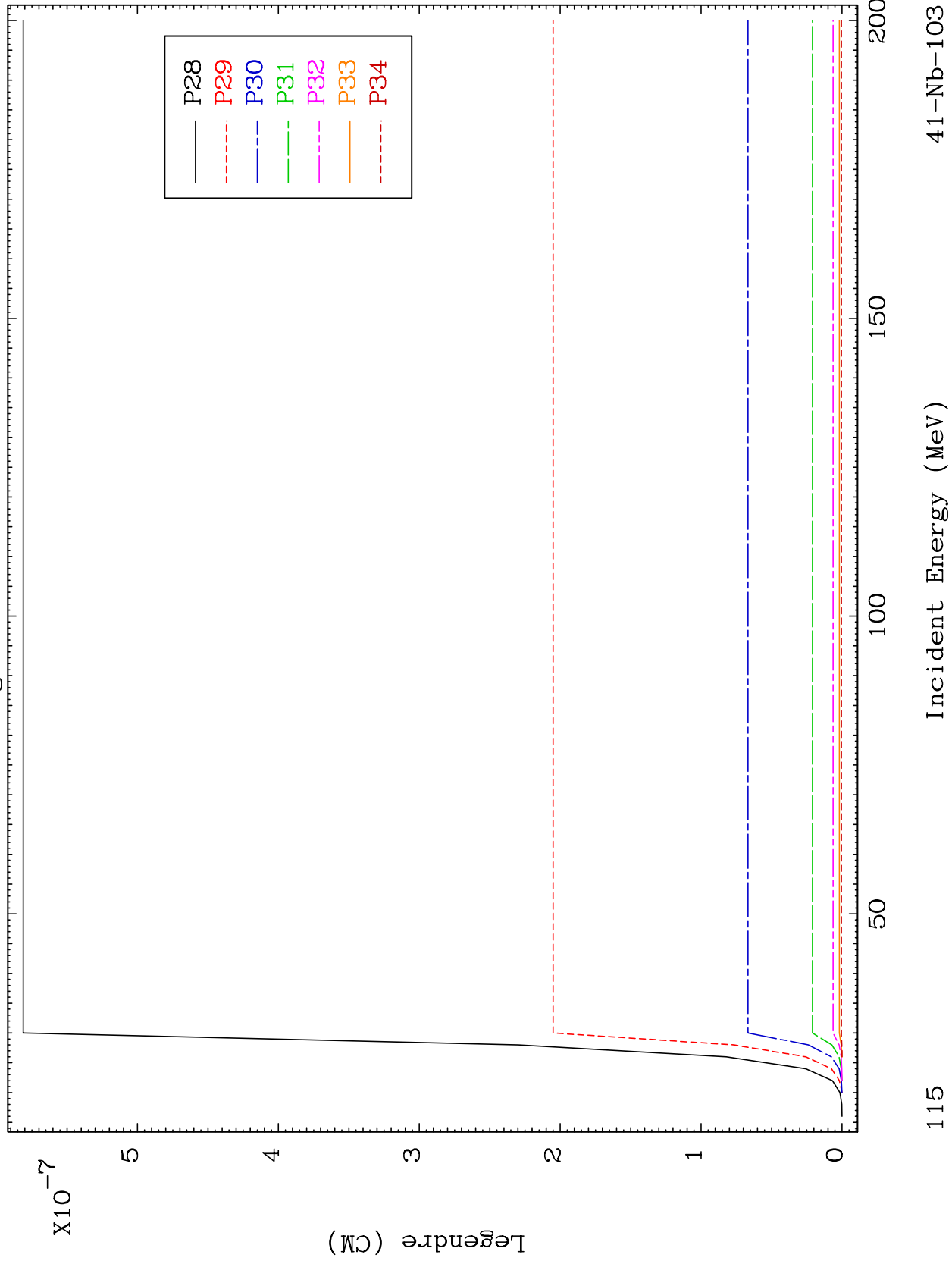
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

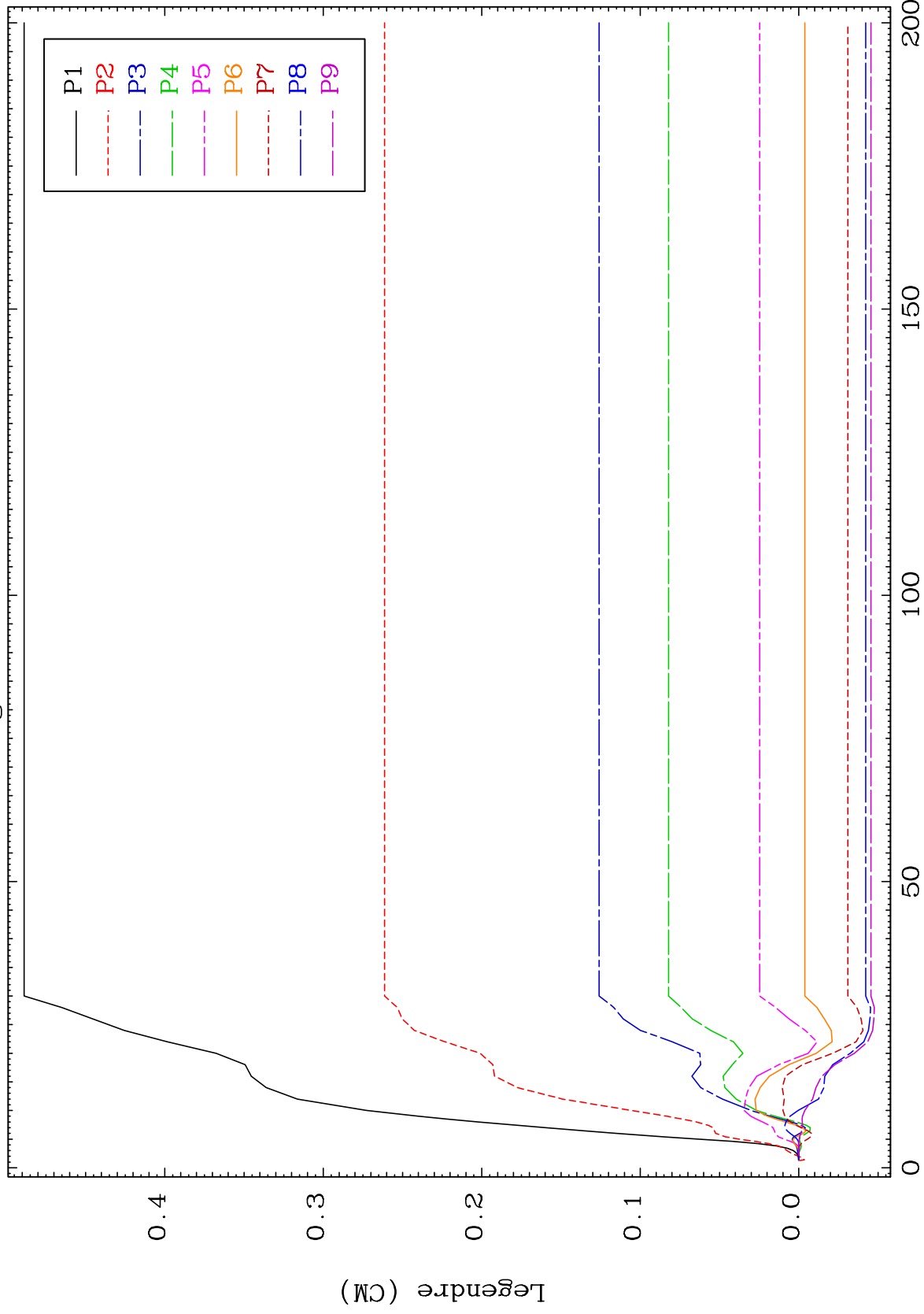
41-Nb-103



MAT 4155

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

41-Nb-103



116

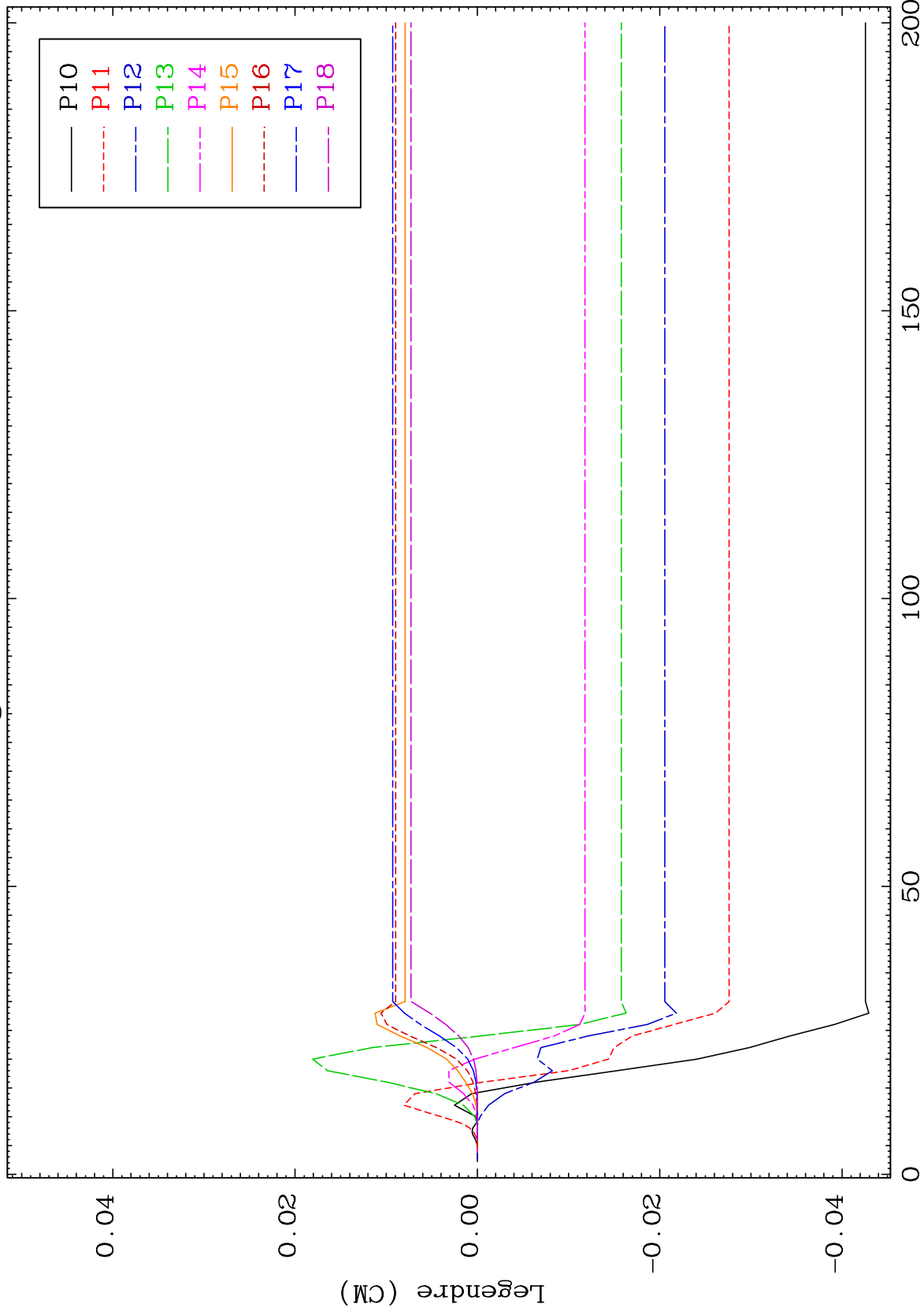
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



117

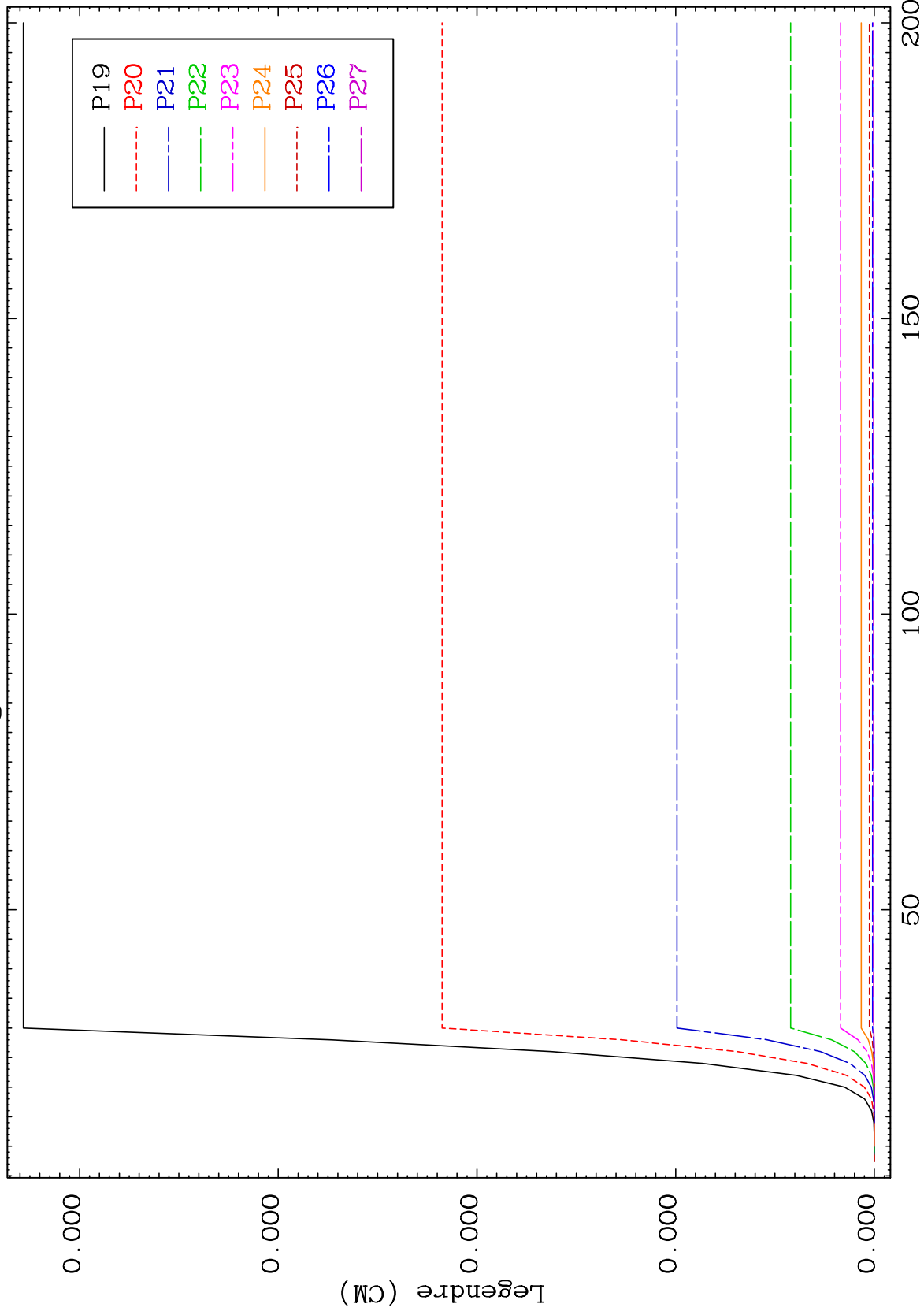
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



118

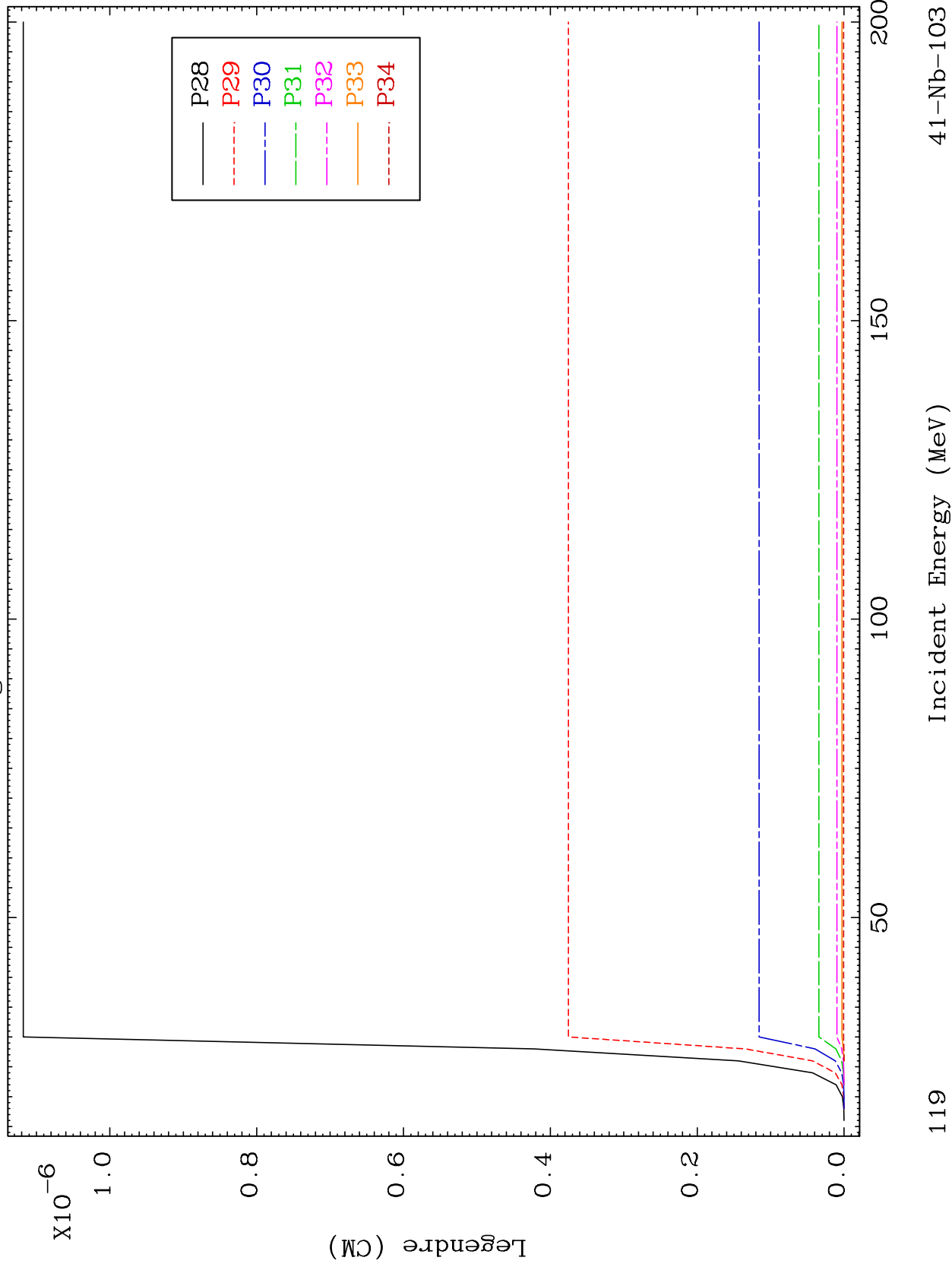
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103

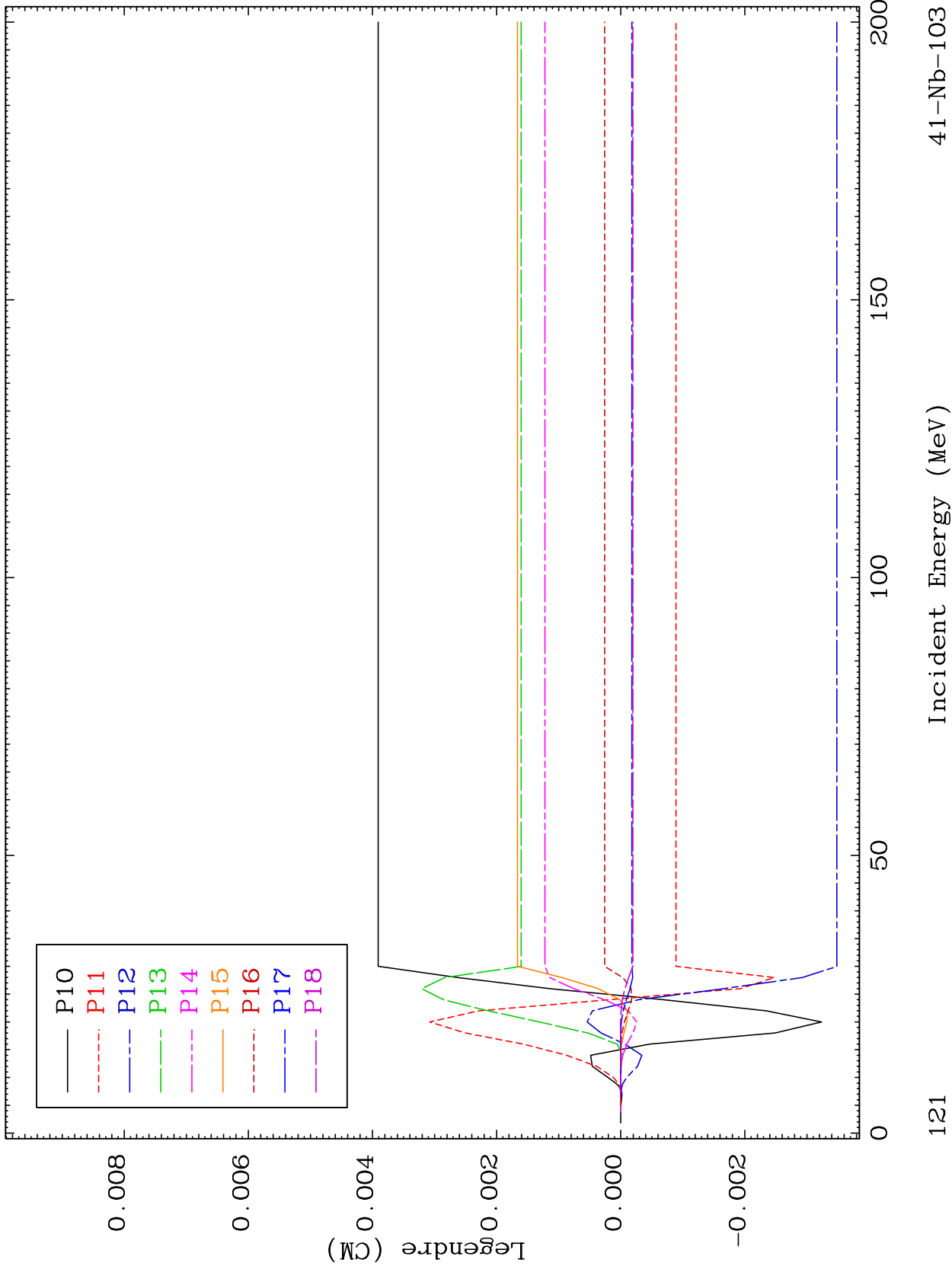


119

MAT 4155

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

41-Nb-103



121

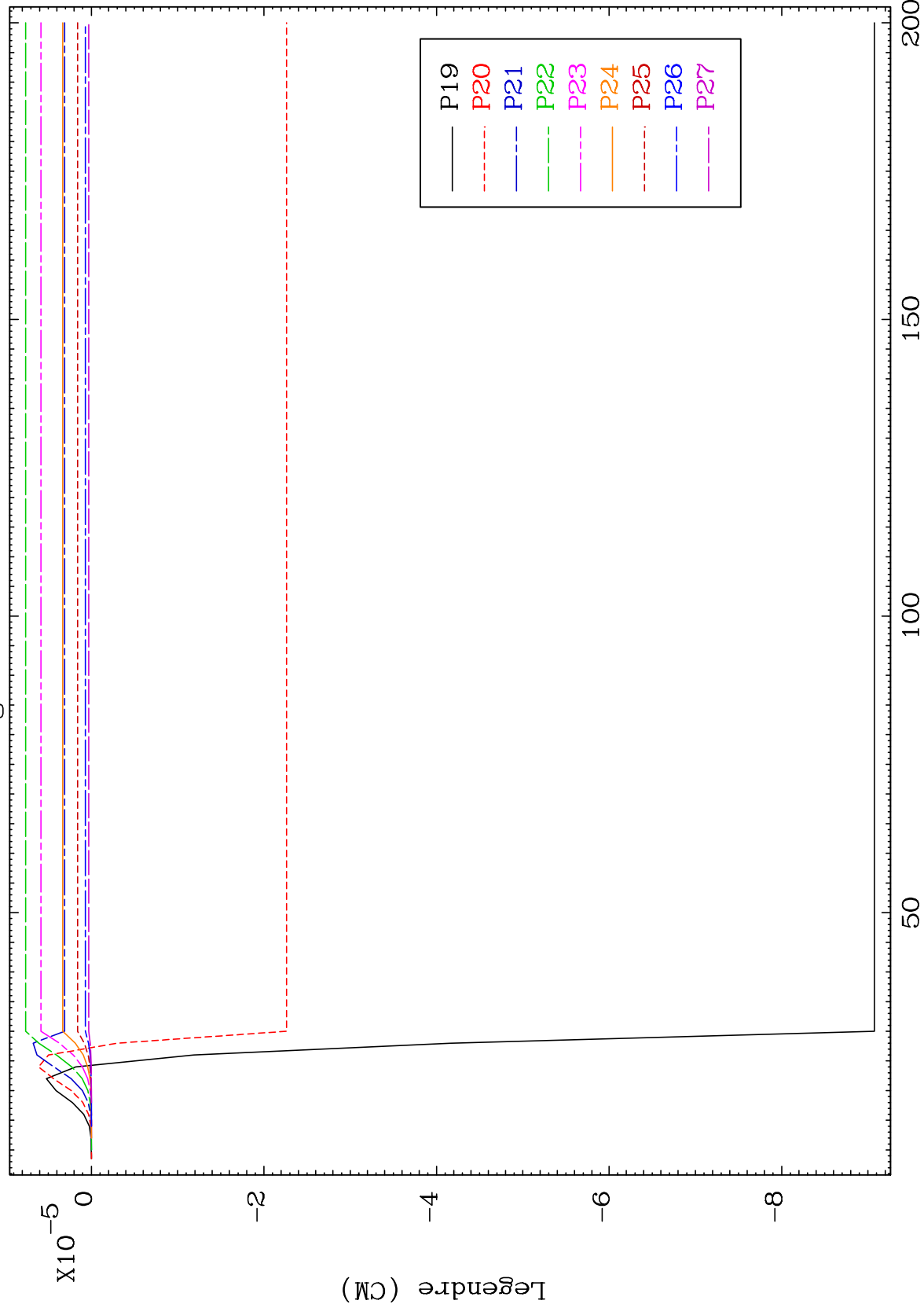
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



122

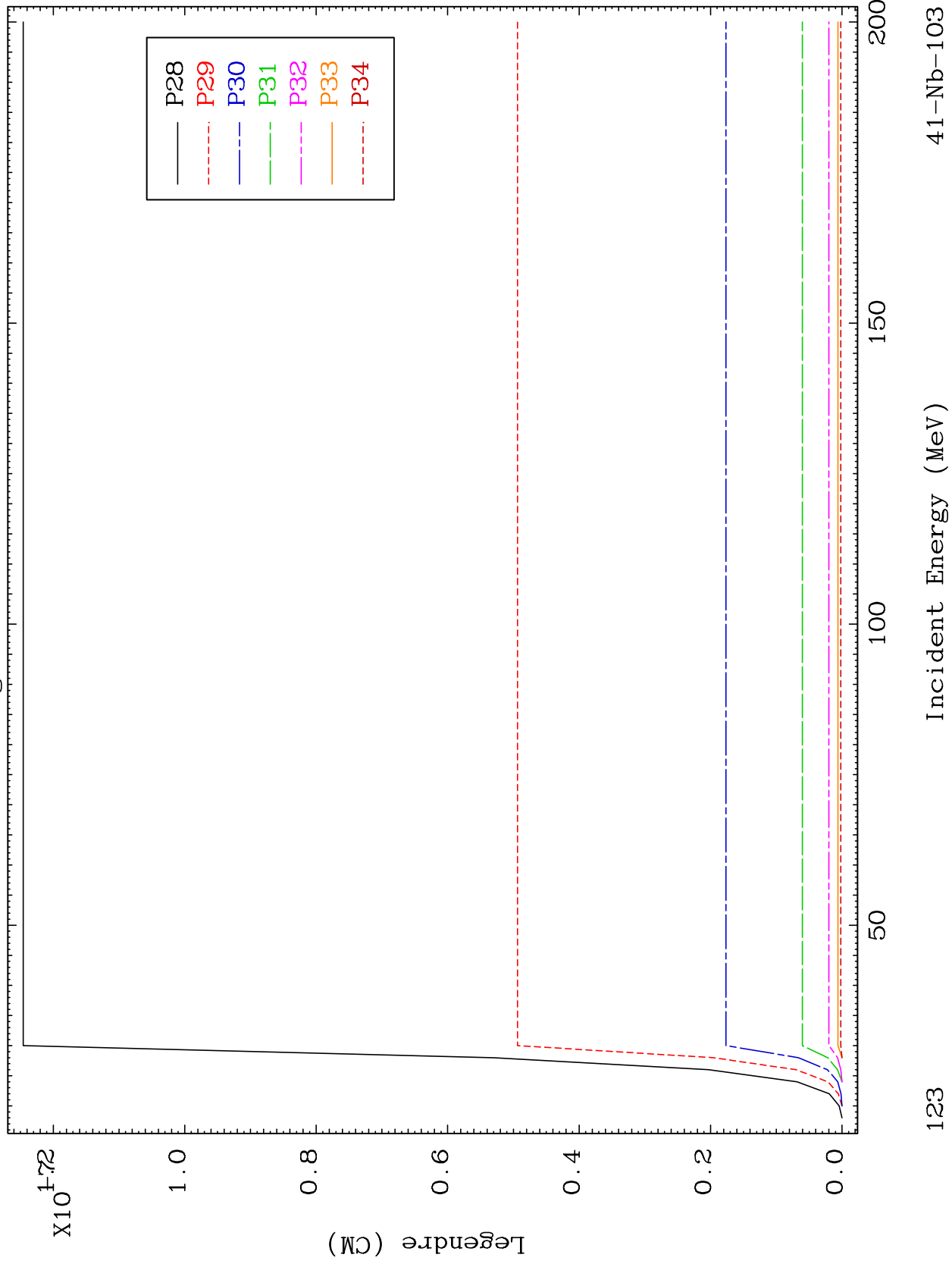
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



123

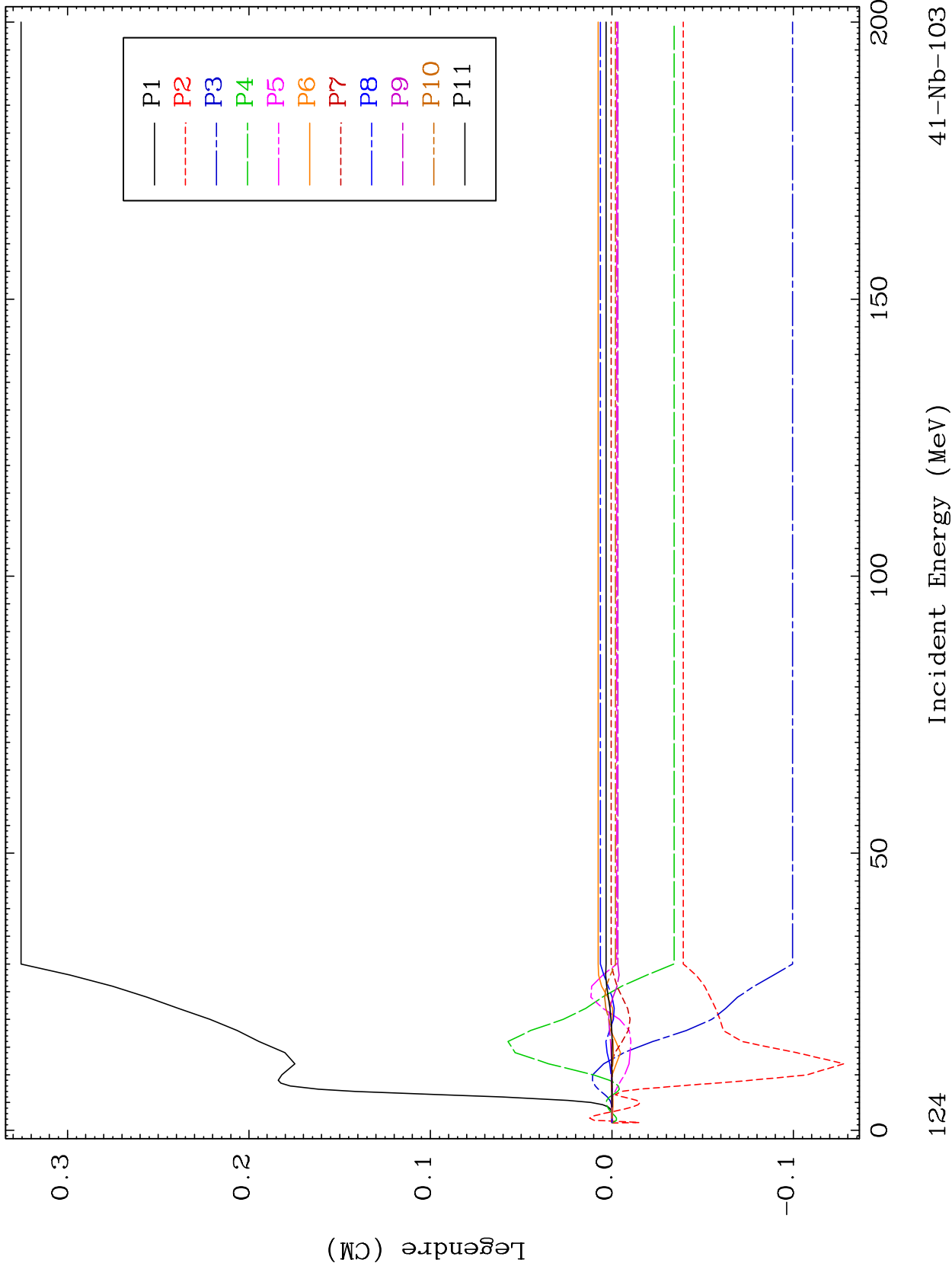
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



41-Nb-103

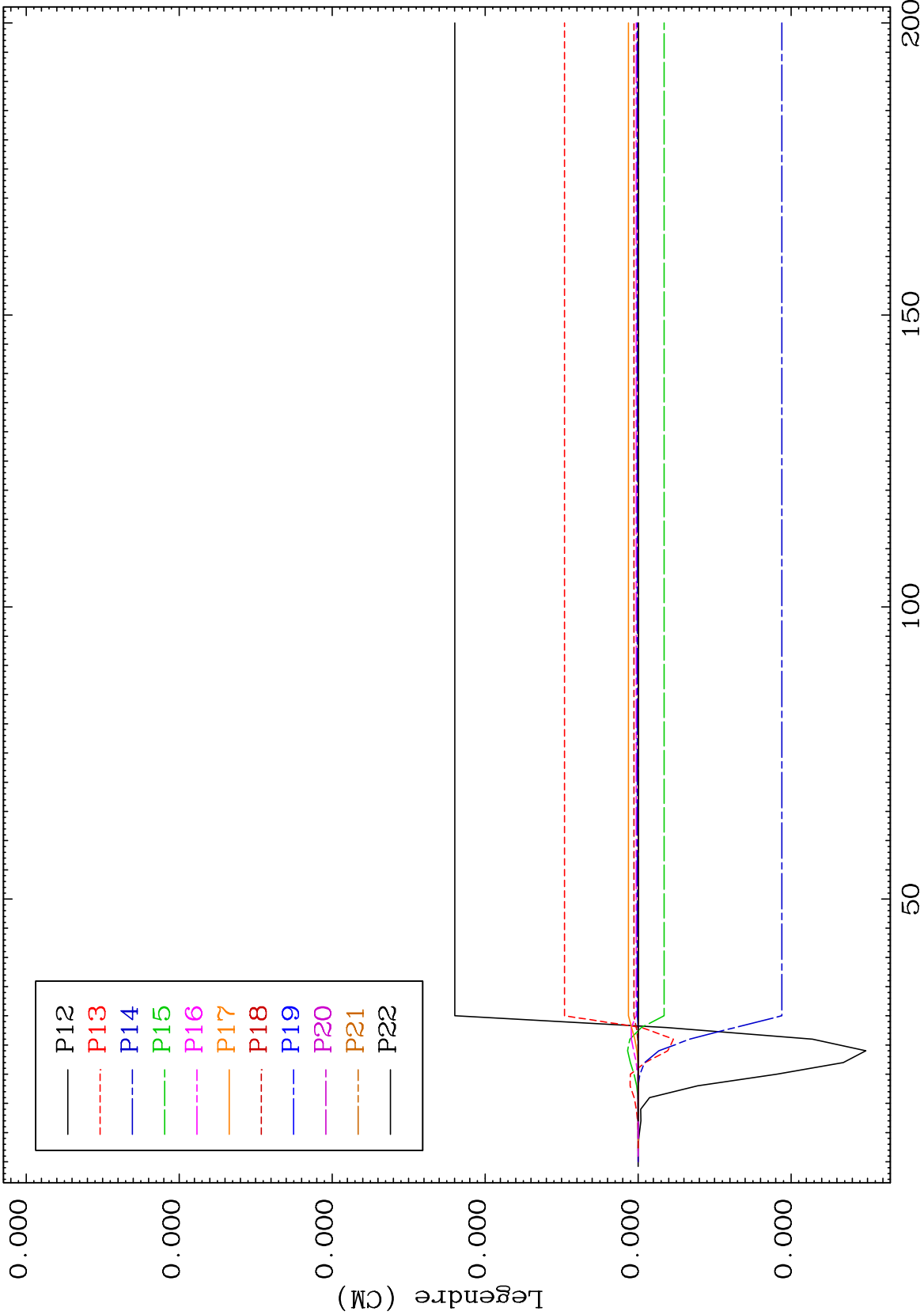
Incident Energy (MeV)

124

MAT 4155

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

41-Nb-103



125

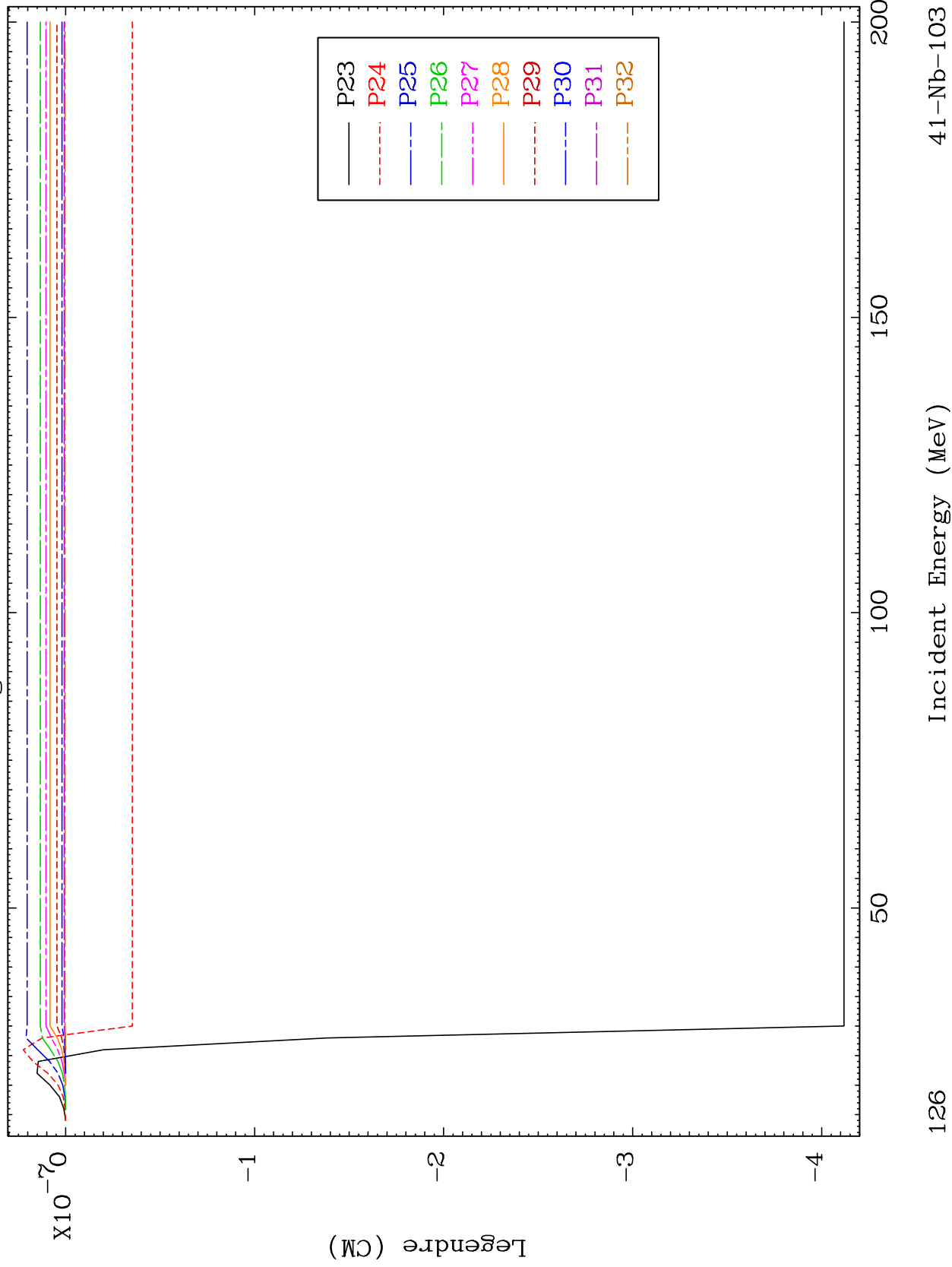
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



126

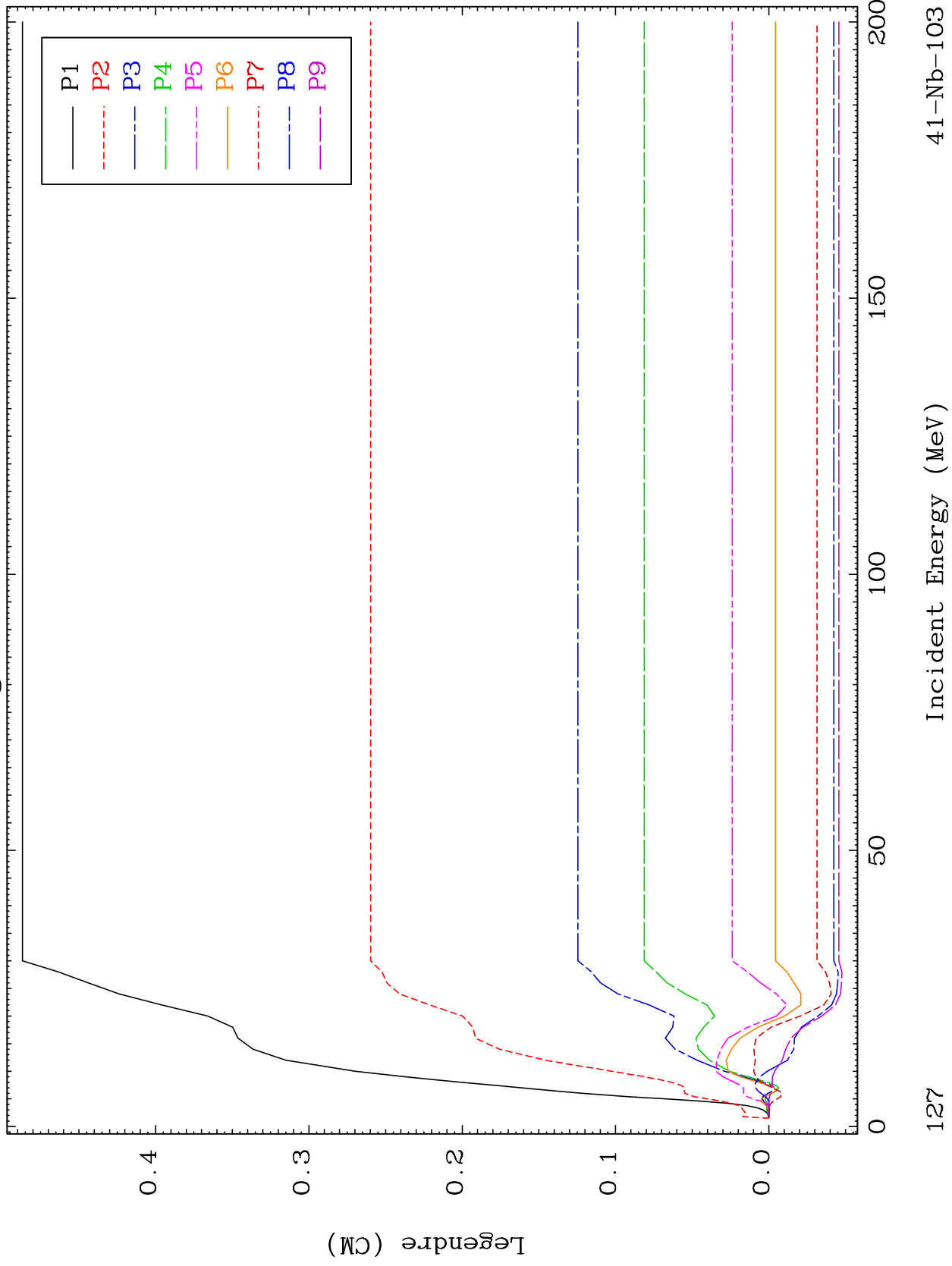
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



127

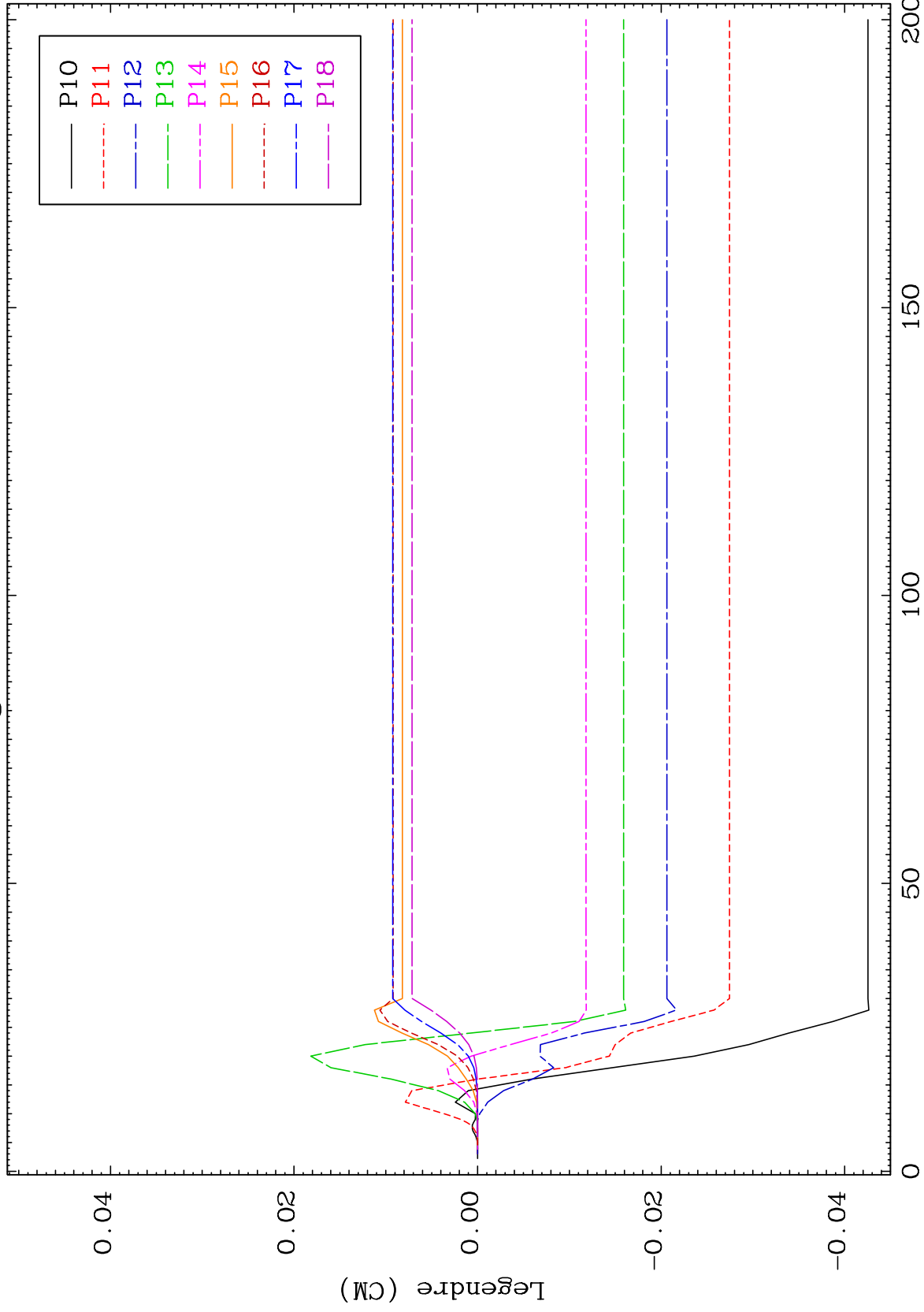
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



128

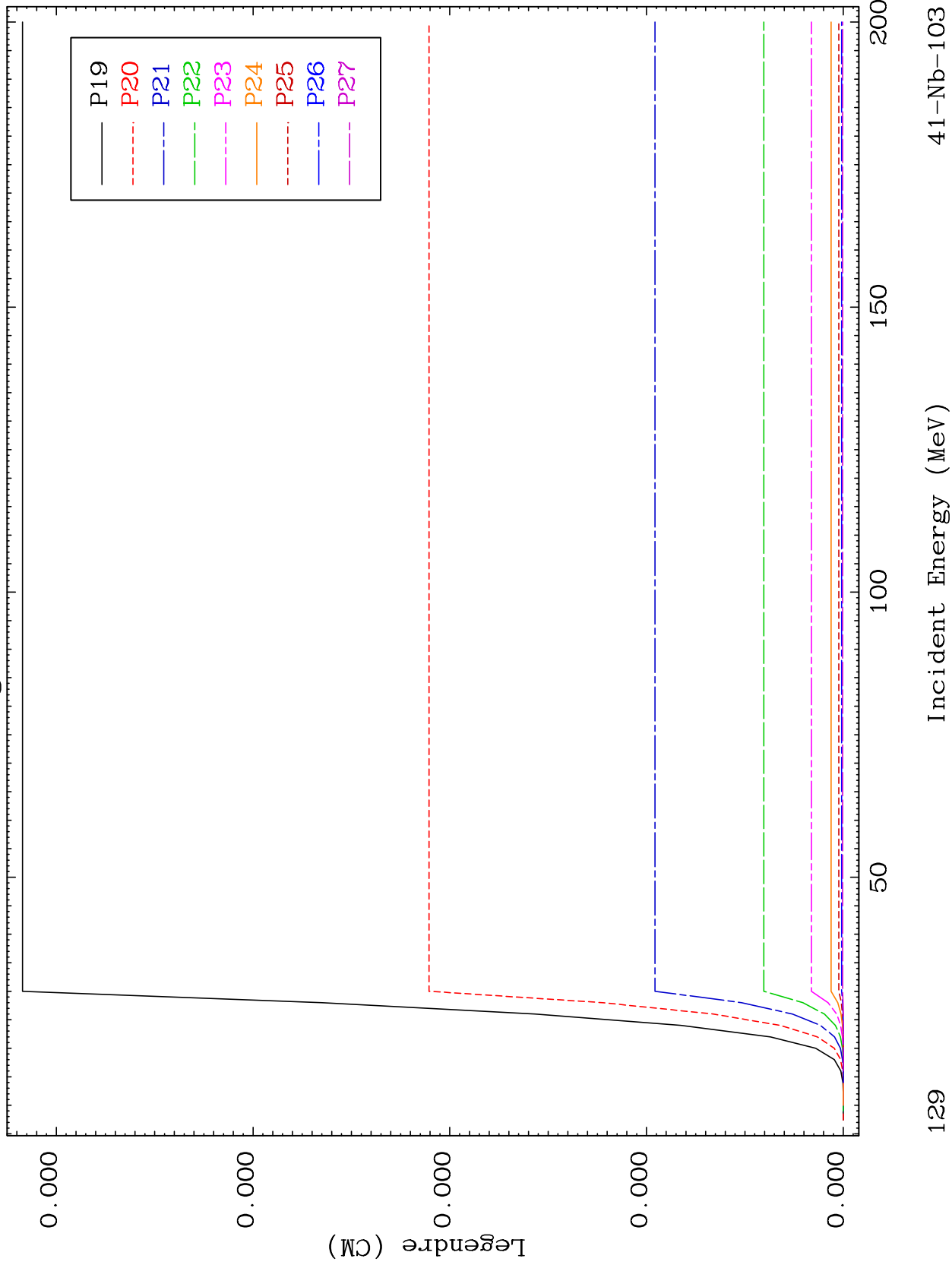
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



129

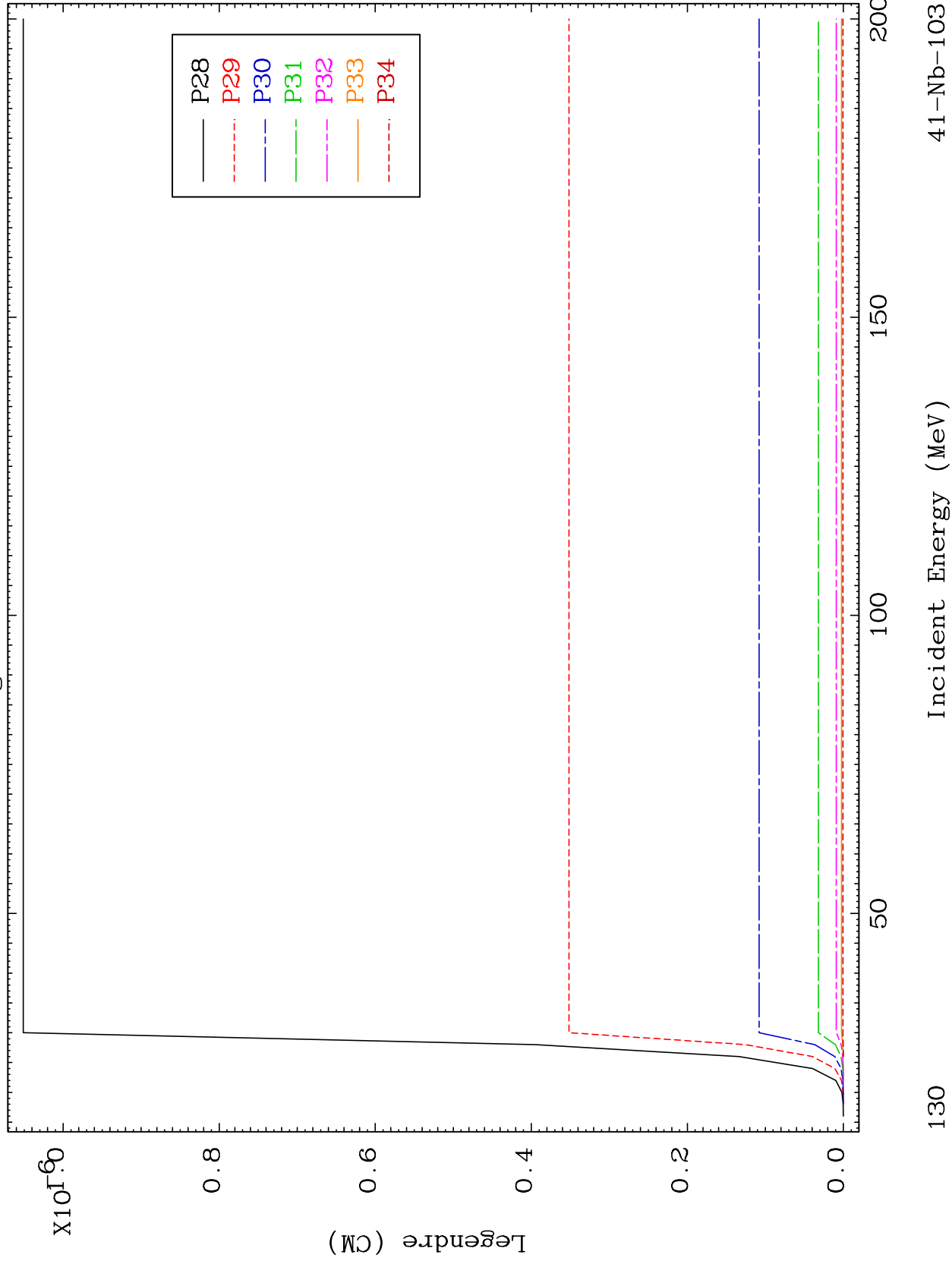
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



41-Nb-103

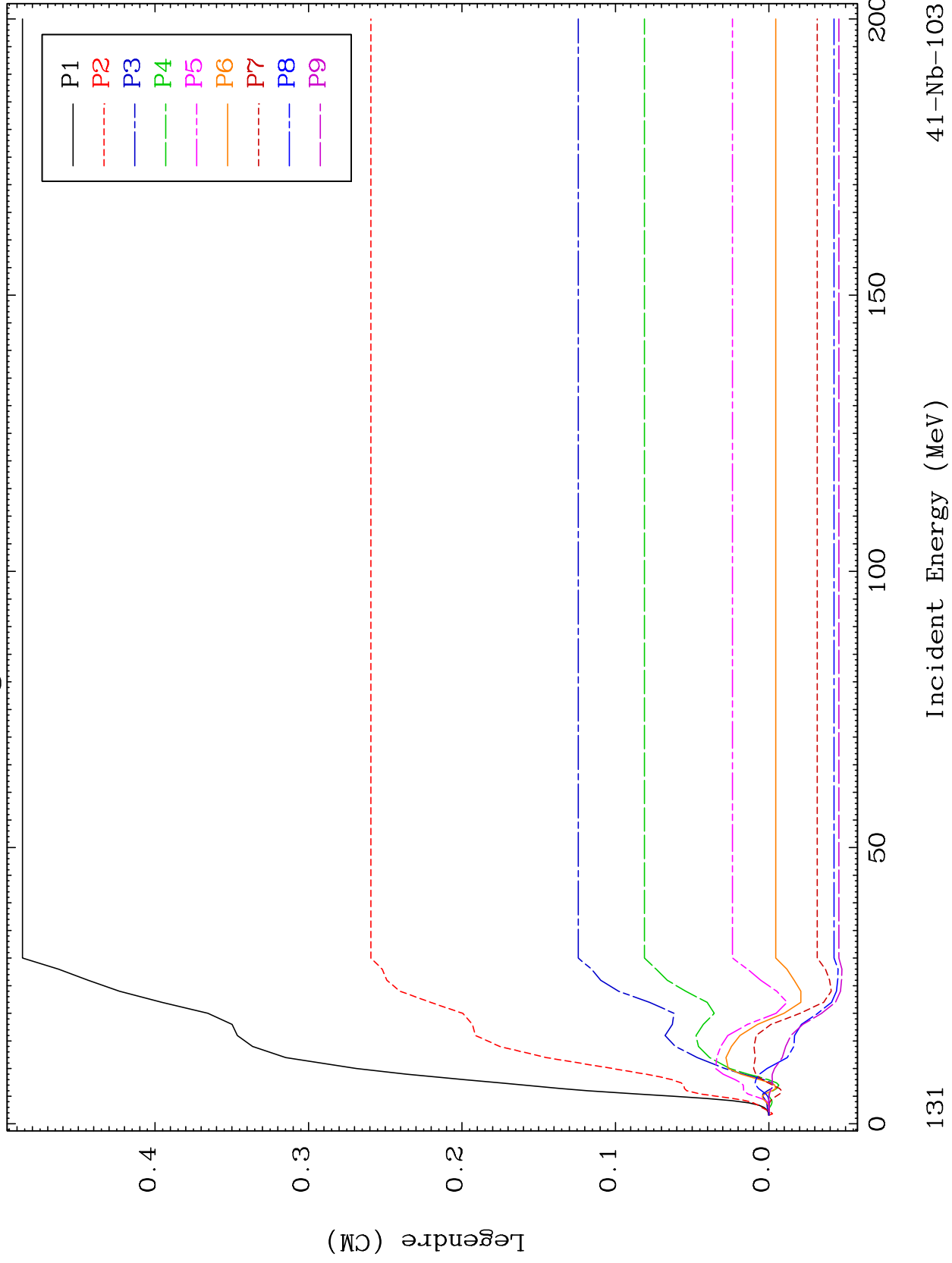
Incident Energy (MeV)

130

MAT 4155

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

41-Nb-103



41-Nb-103

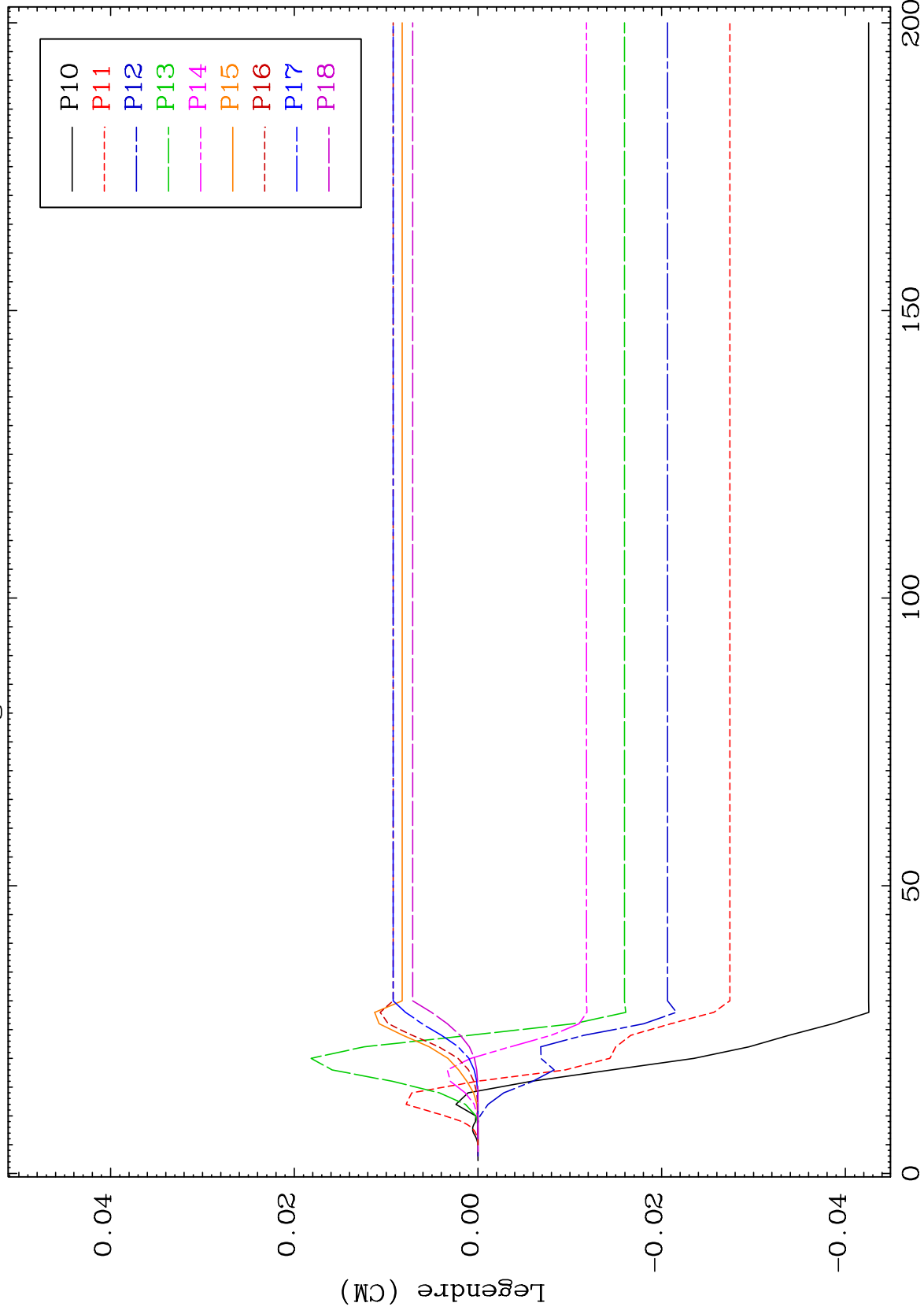
Incident Energy (MeV)

131

MAT 4155

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

41-Nb-103



132

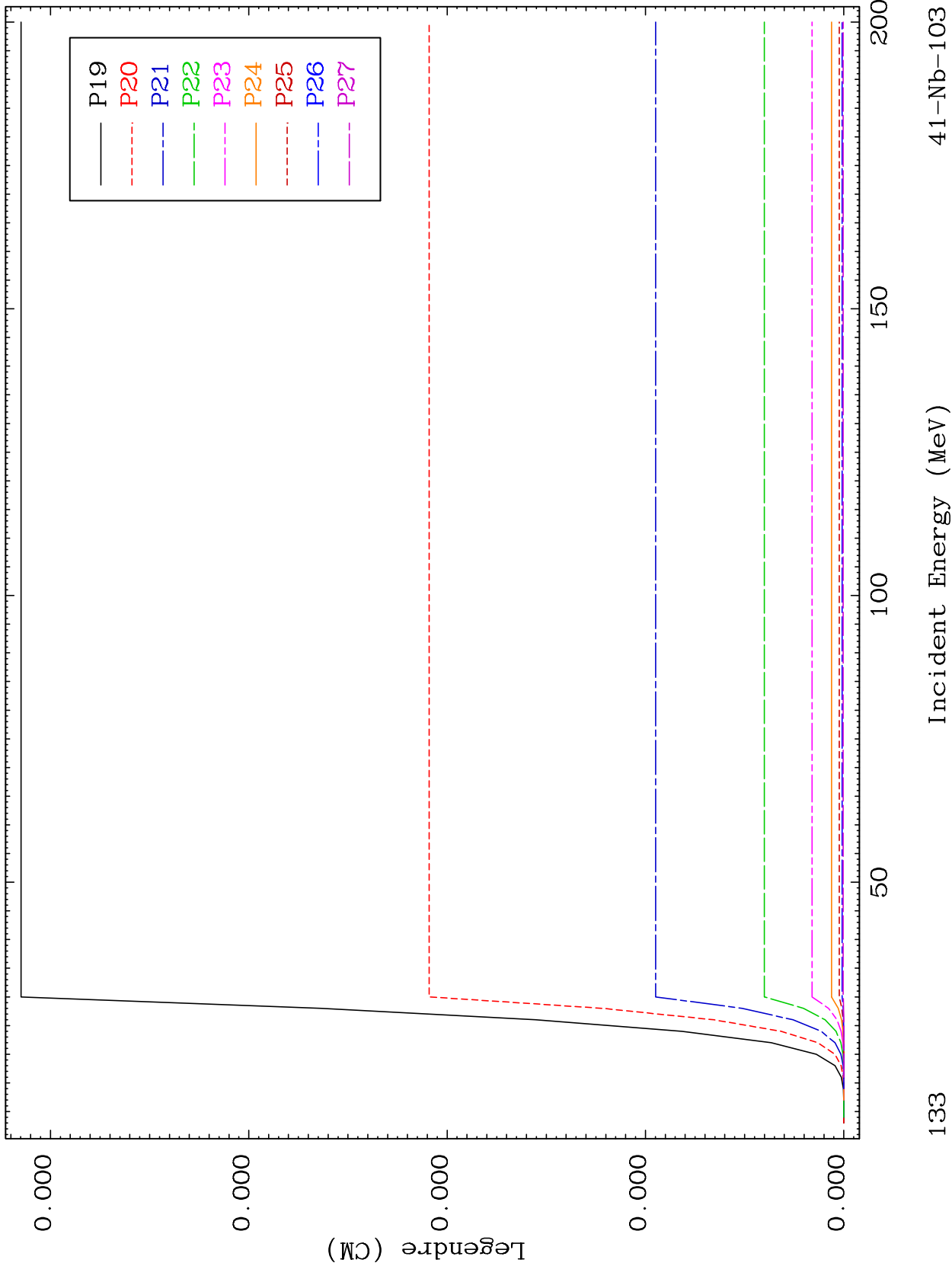
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103



133

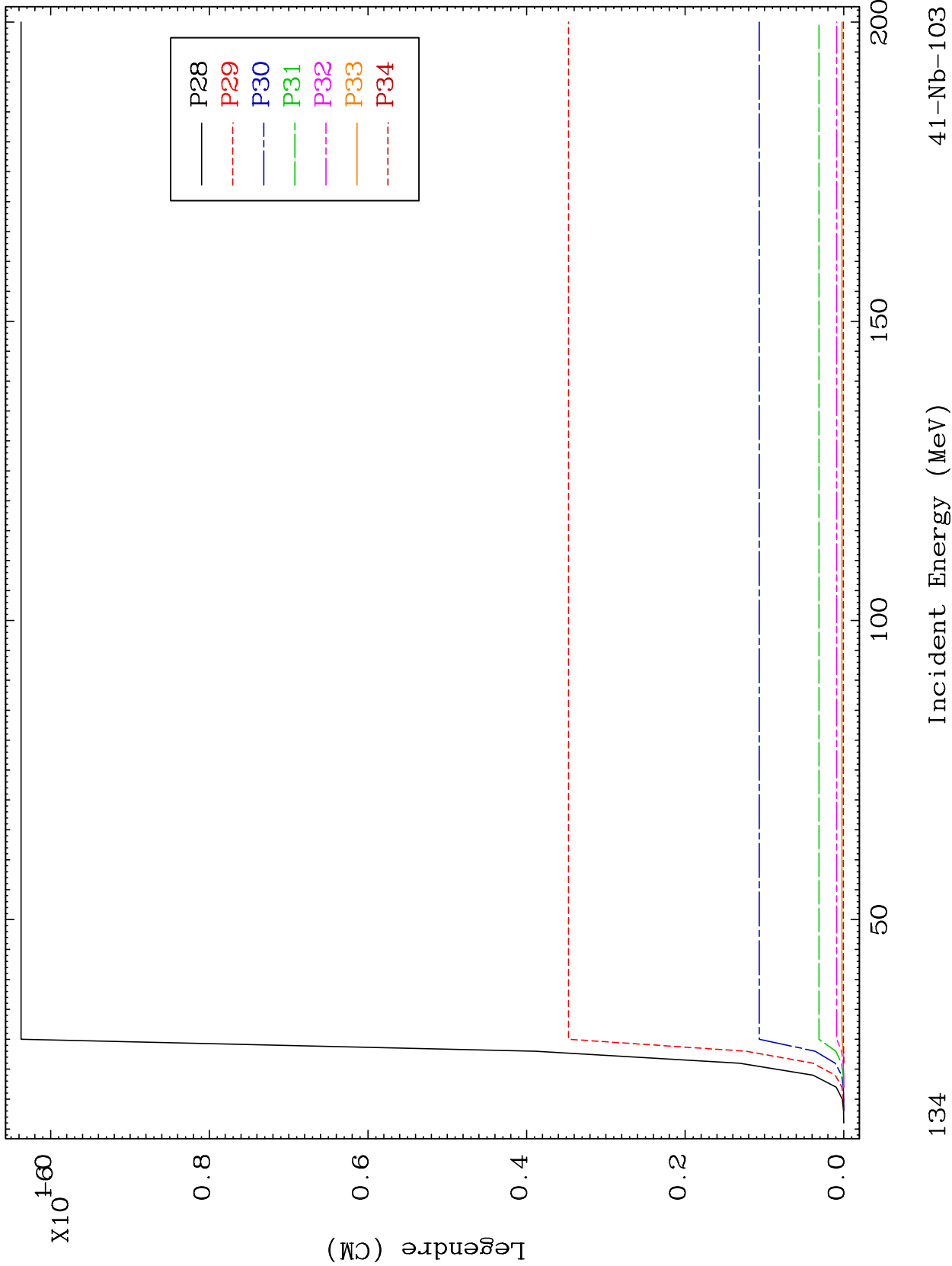
Incident Energy (MeV)

41-Nb-103

MAT 4155

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

41-Nb-103

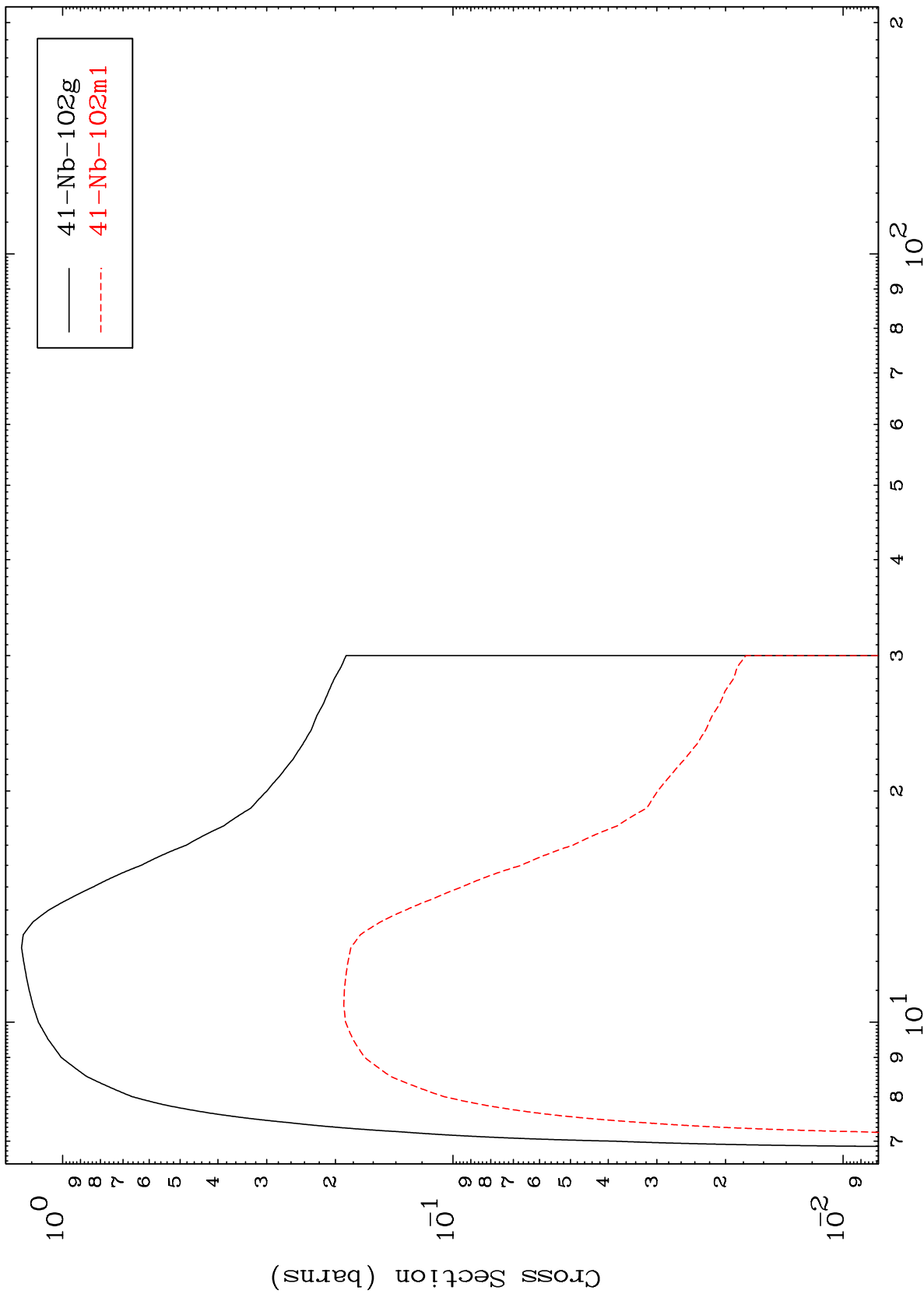


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MAT 4155

41-Nb-103

(n,2n)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

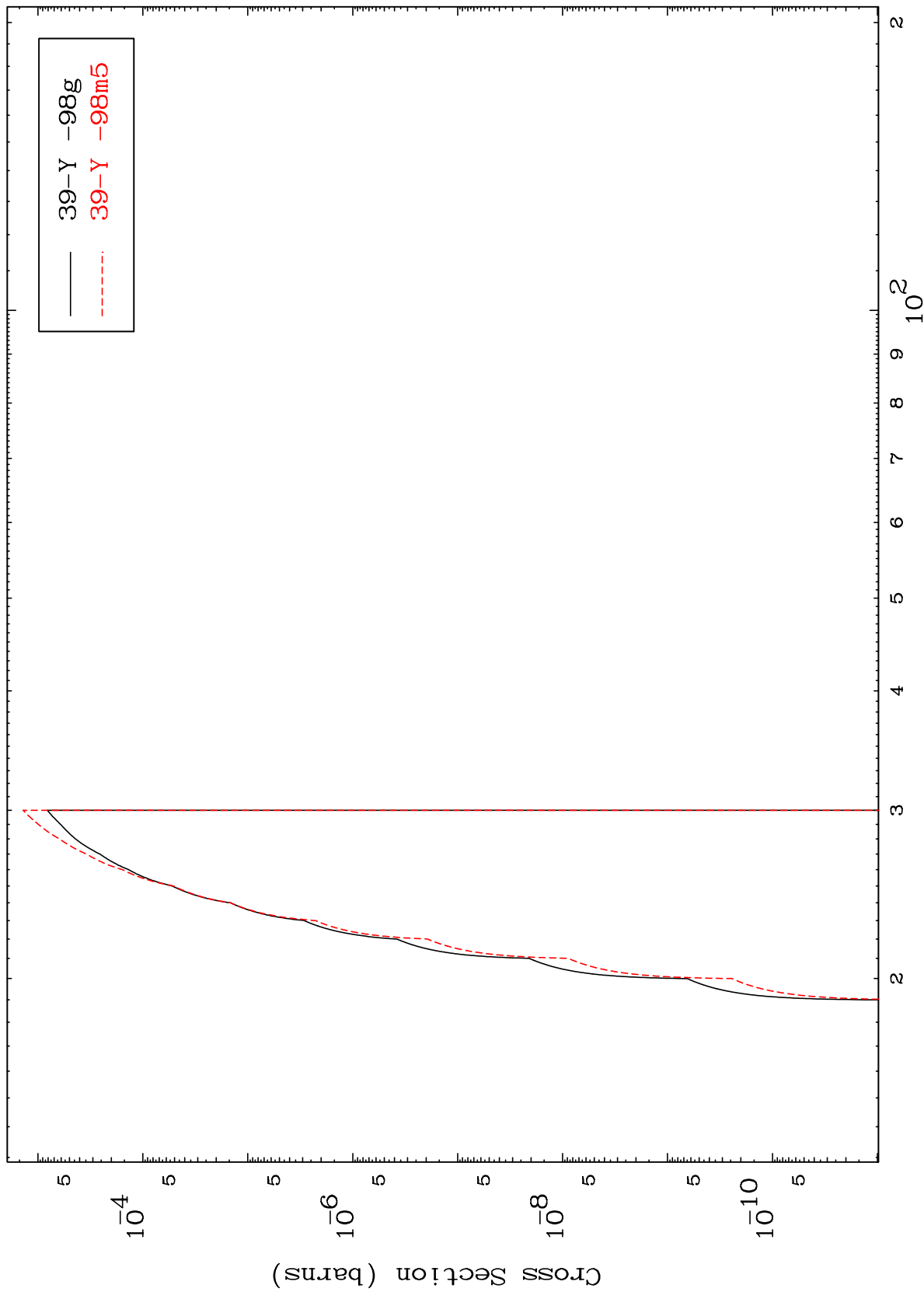
41-Nb-103

MAT 4155

$(n,2n) \alpha$

41-Nb-103

Radionuclide Production Cross Section

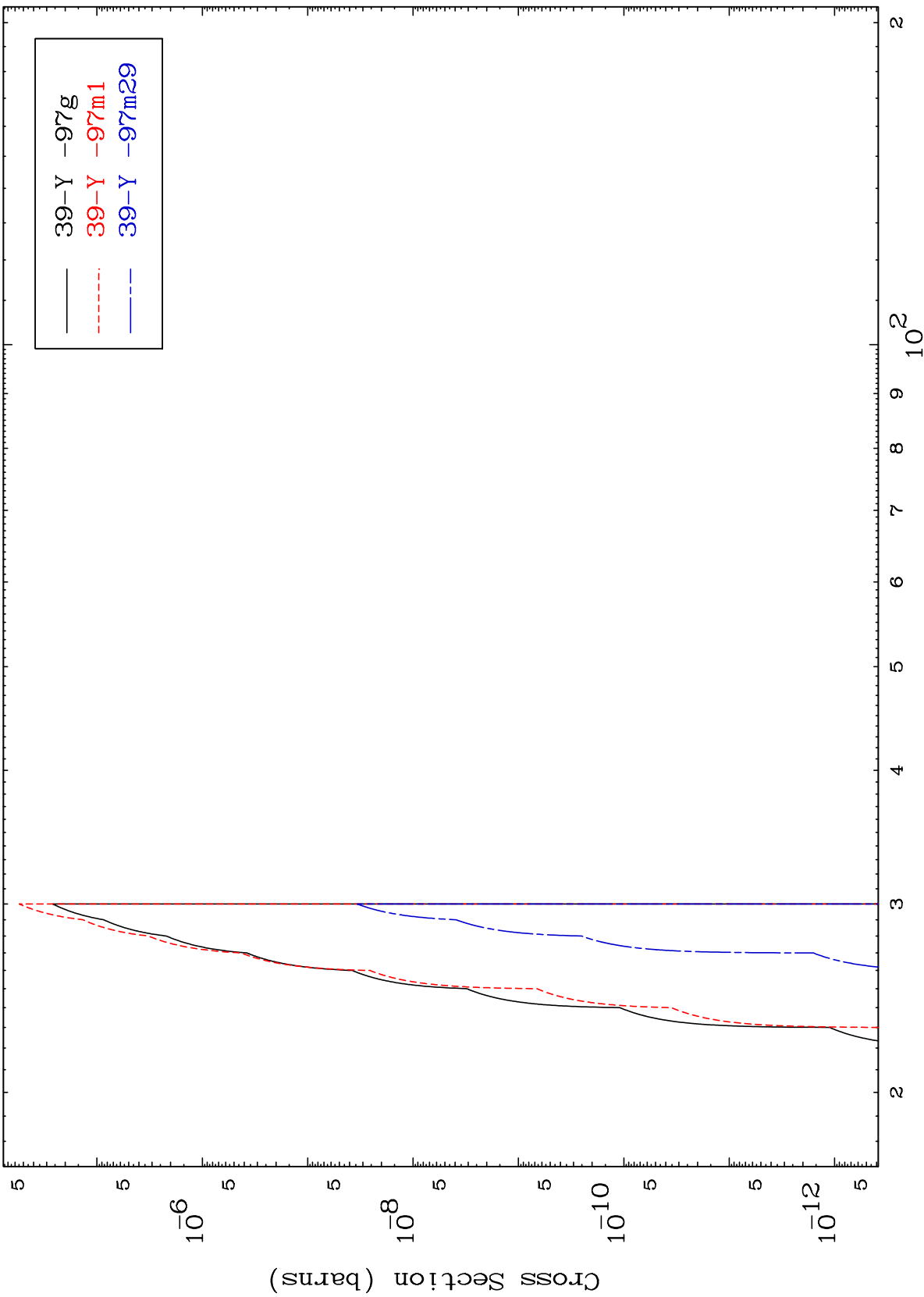


136

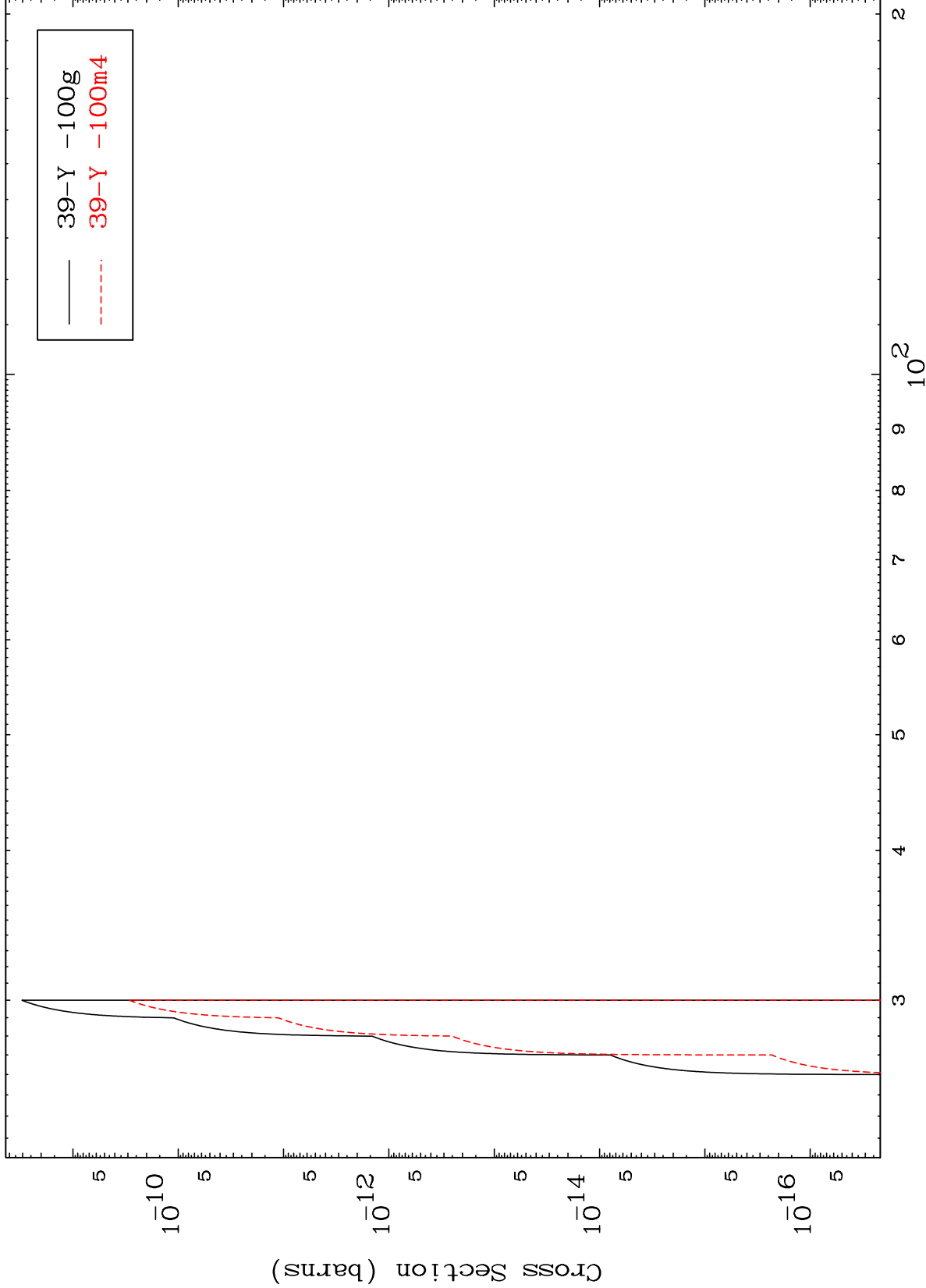
Incident Energy (MeV)

41-Nb-103

Radionuclide Production Cross Section



Radionuclide Production Cross Section

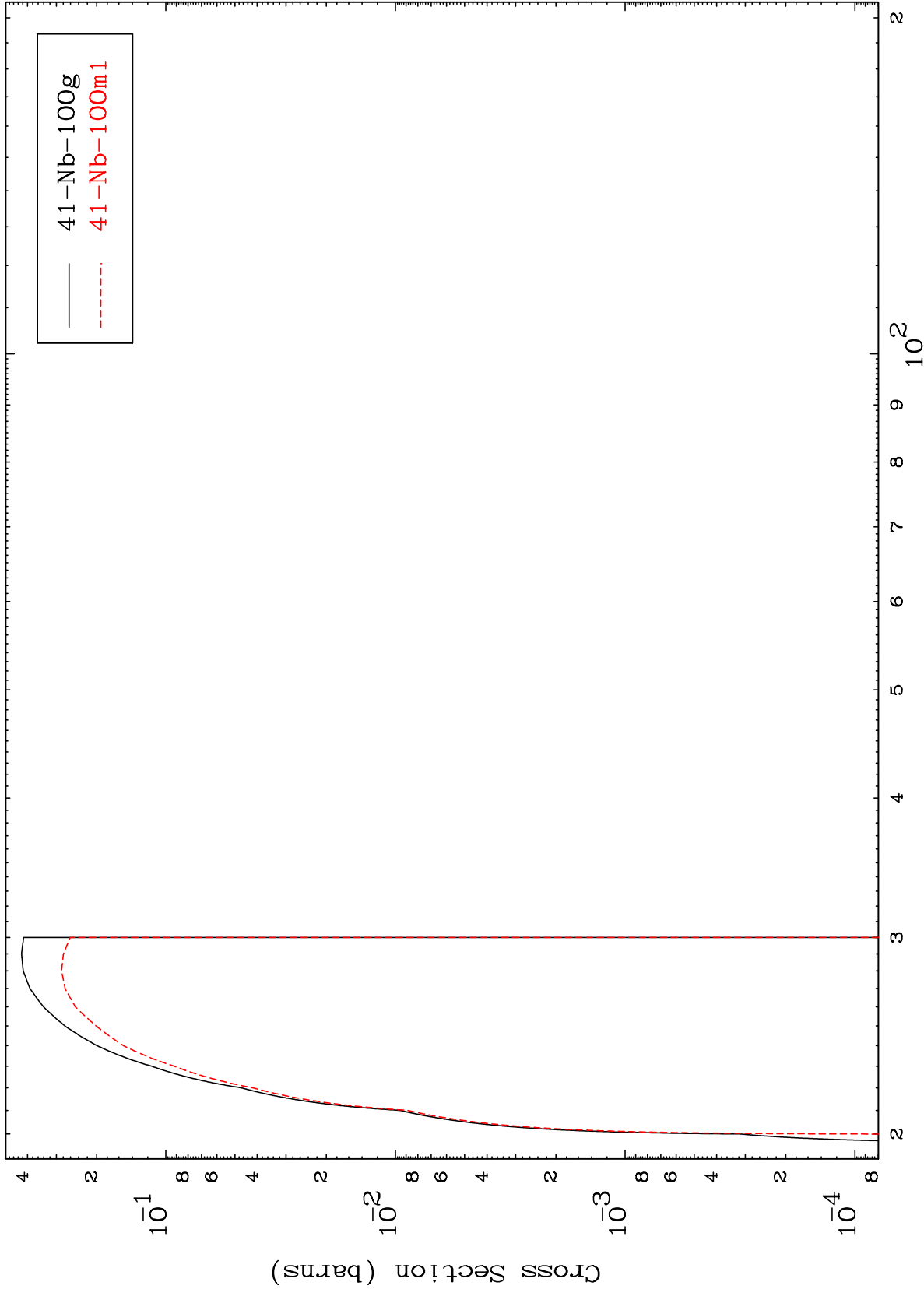


MAT 4155

(n,4n)

41-Nb-103

Radionuclide Production Cross Section



139

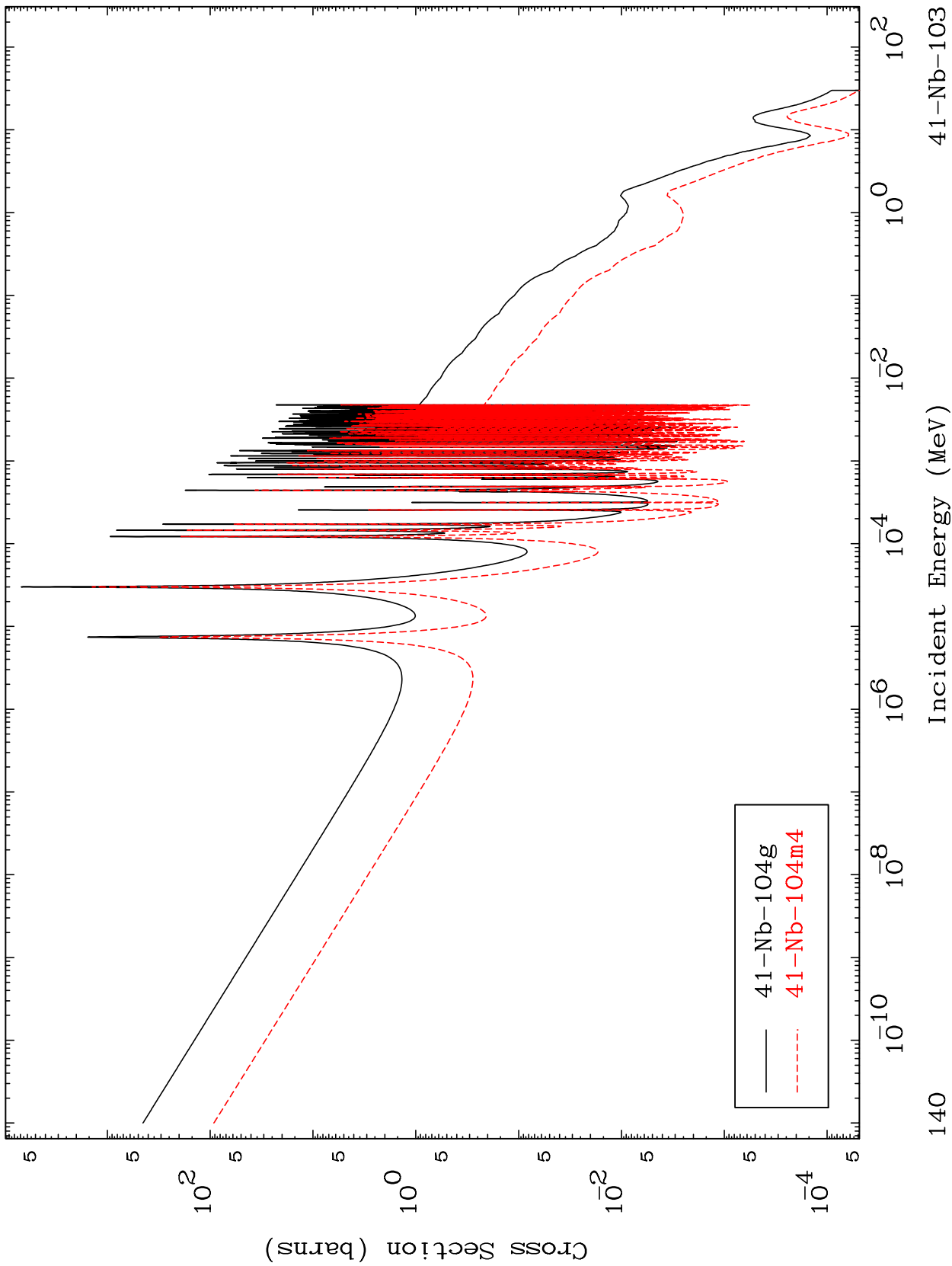
Incident Energy (MeV)

41-Nb-103

MAT 4155

41-Nb-103

(n, γ)
Radionuclide Production Cross Section



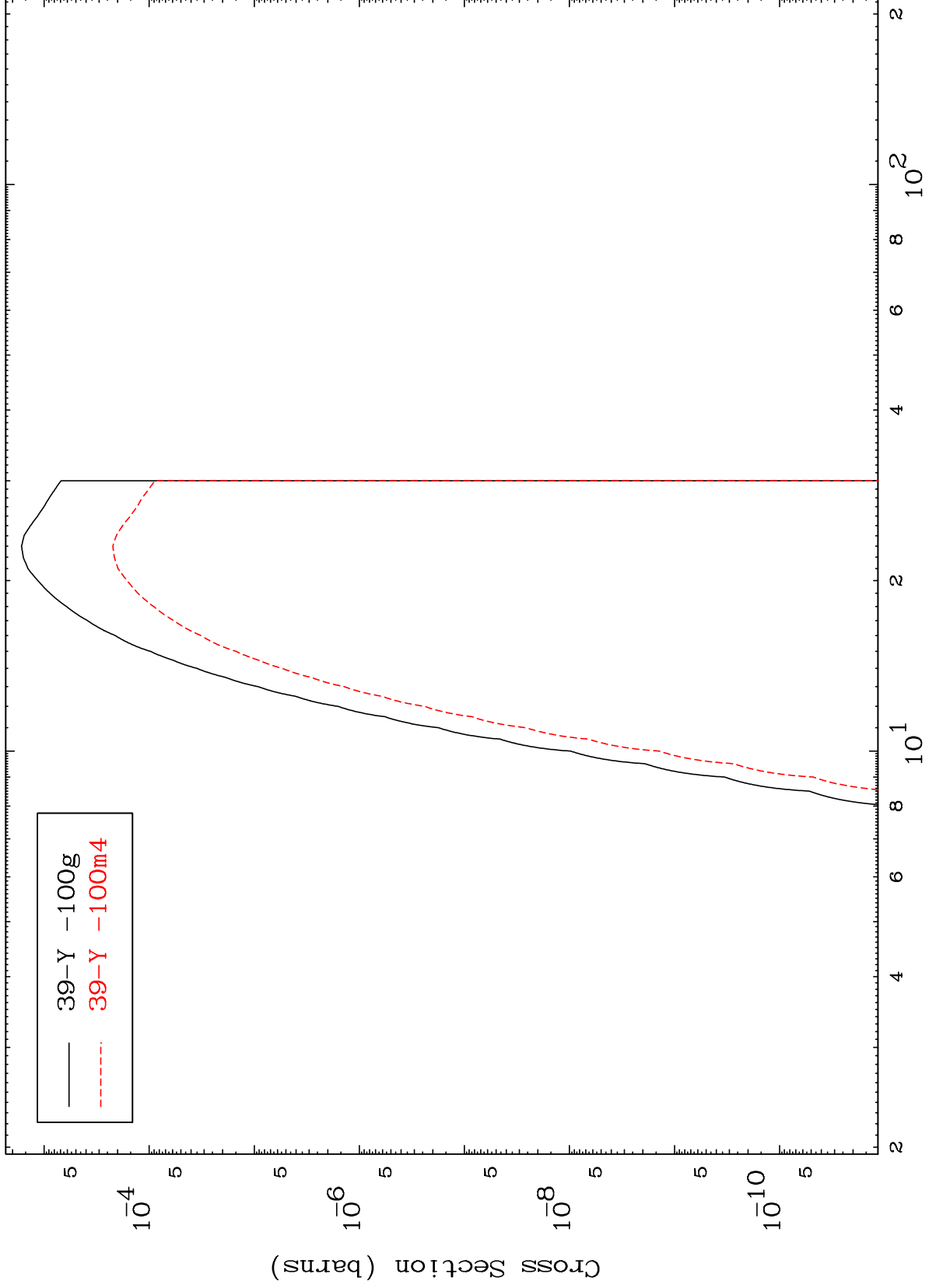
140

41-Nb-103

MAT 4155

41-Nb-103

(n,α)
Radionuclide Production Cross Section



141

41-Nb-103

Incident Energy (MeV)