

Program EVALPLOT
(Version 2018-1)

by

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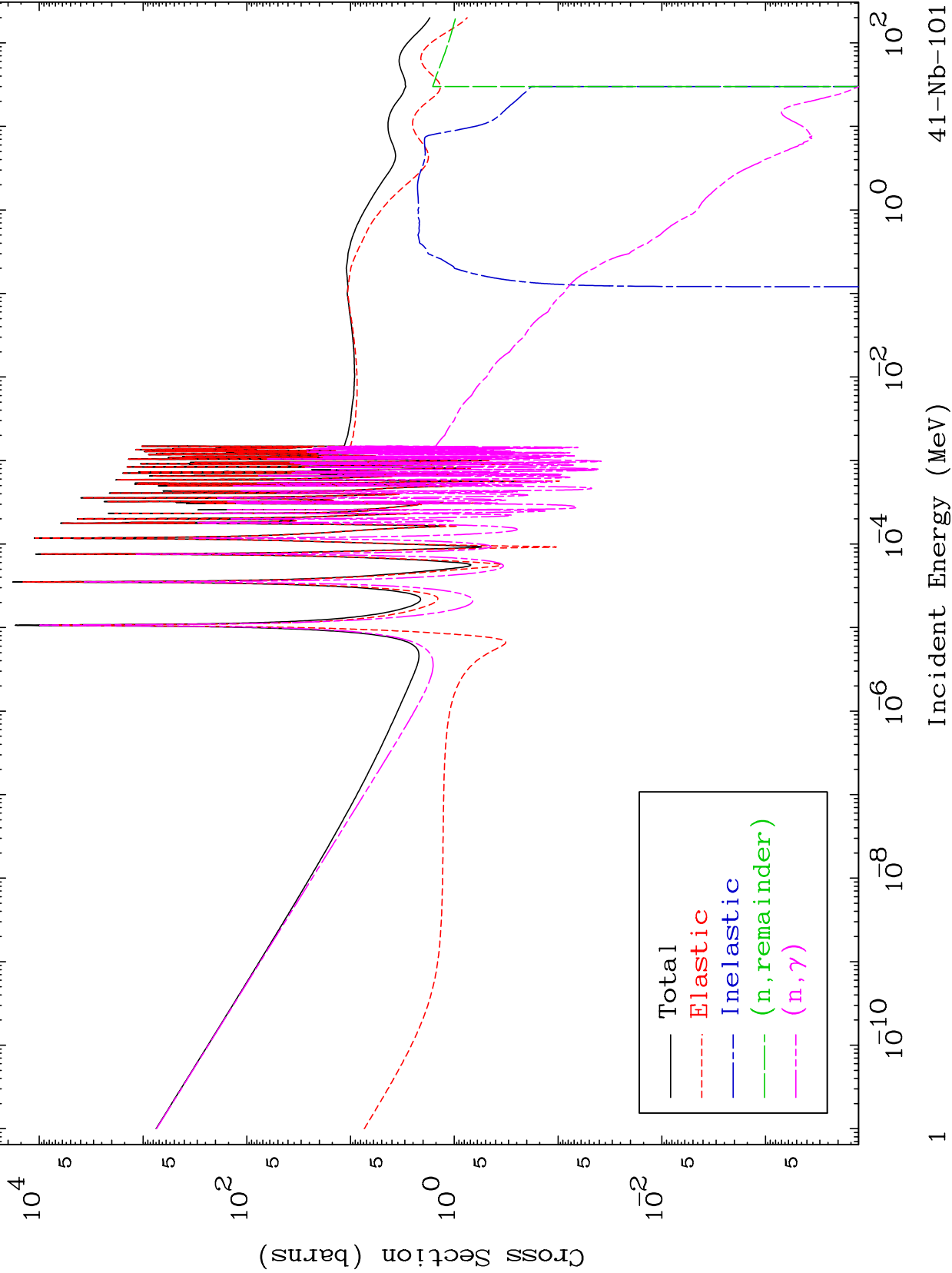
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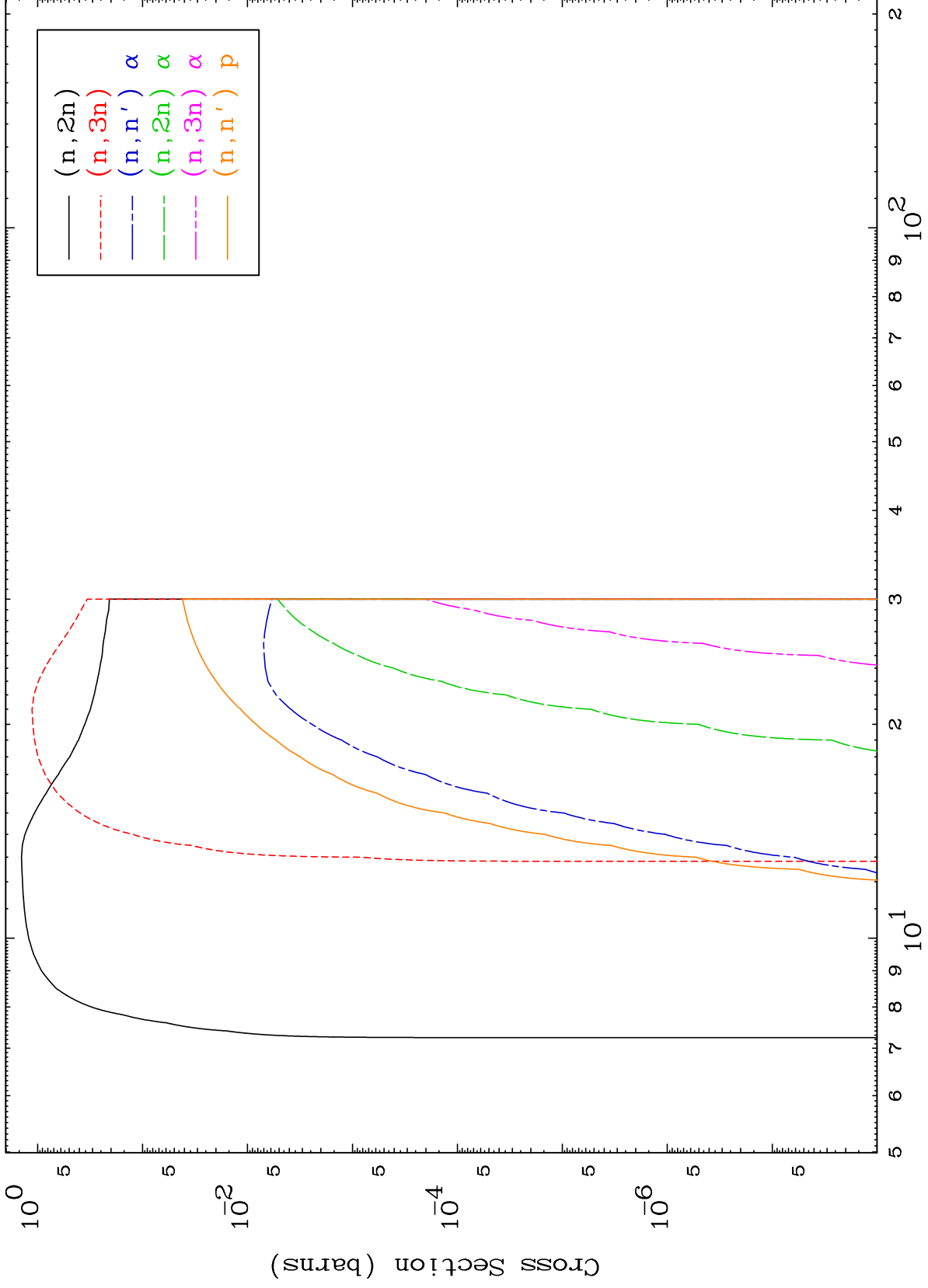
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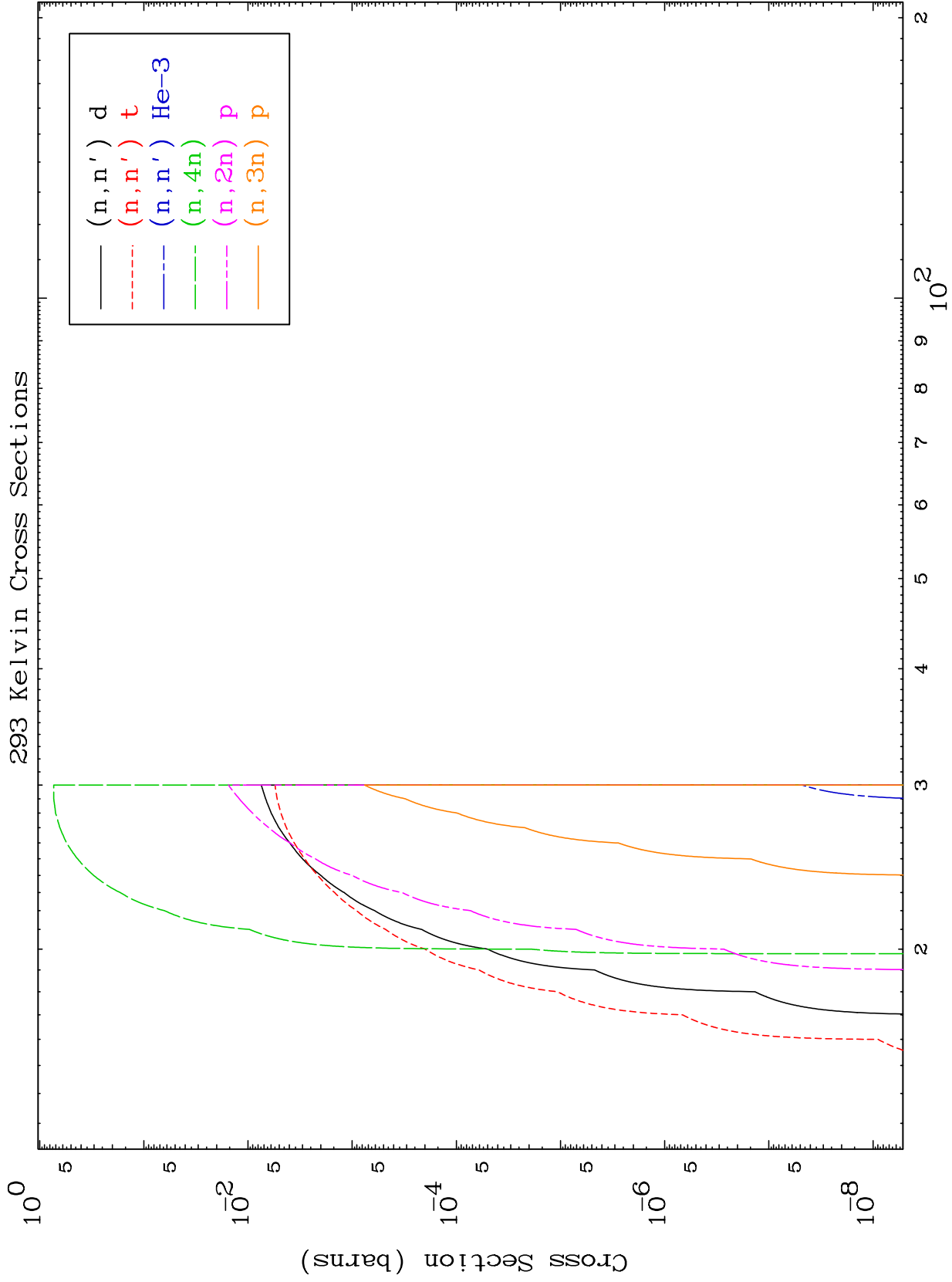
MAT 4149

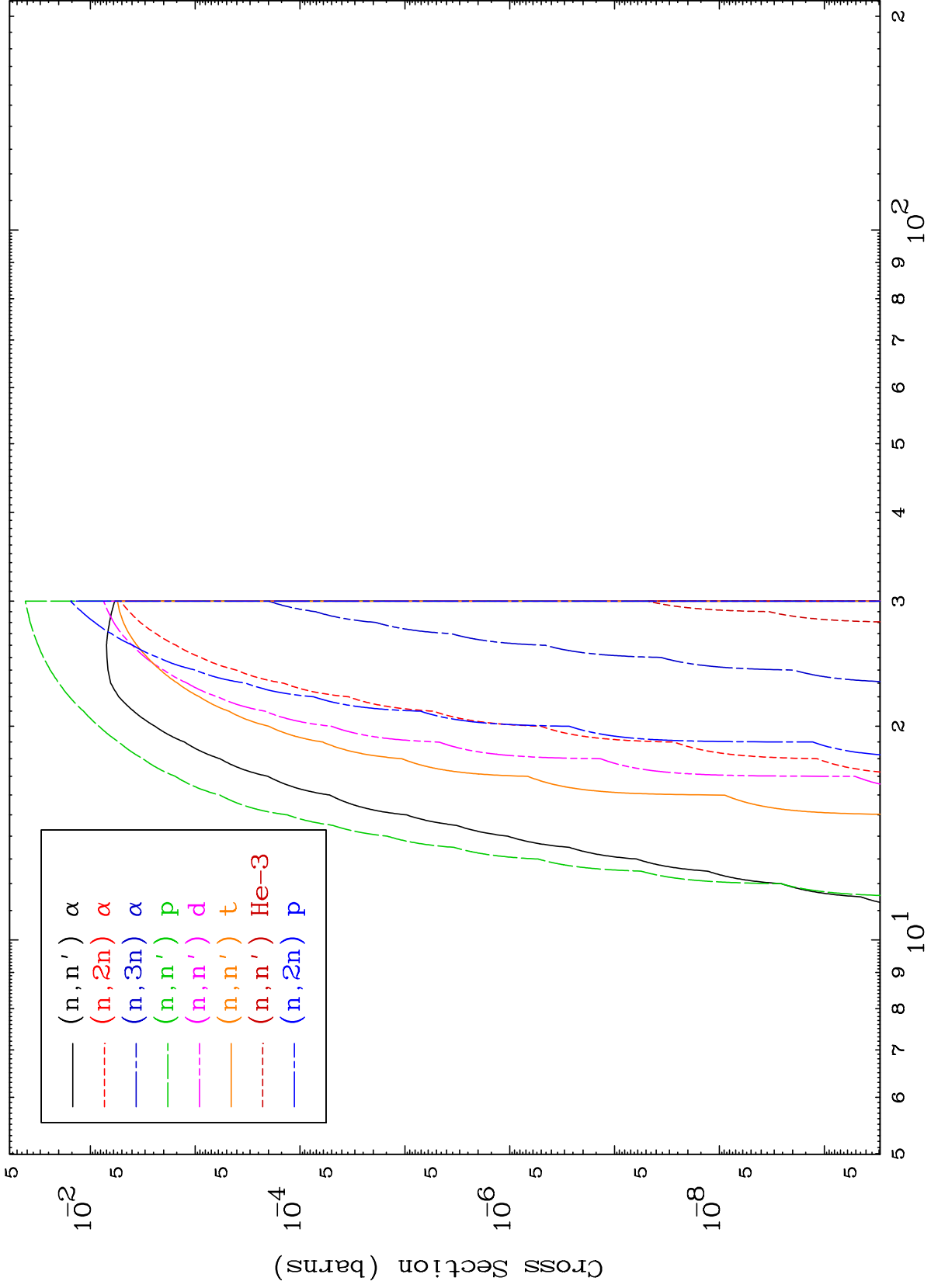
Major
293 Kelvin Cross Sections

41-Nb-101







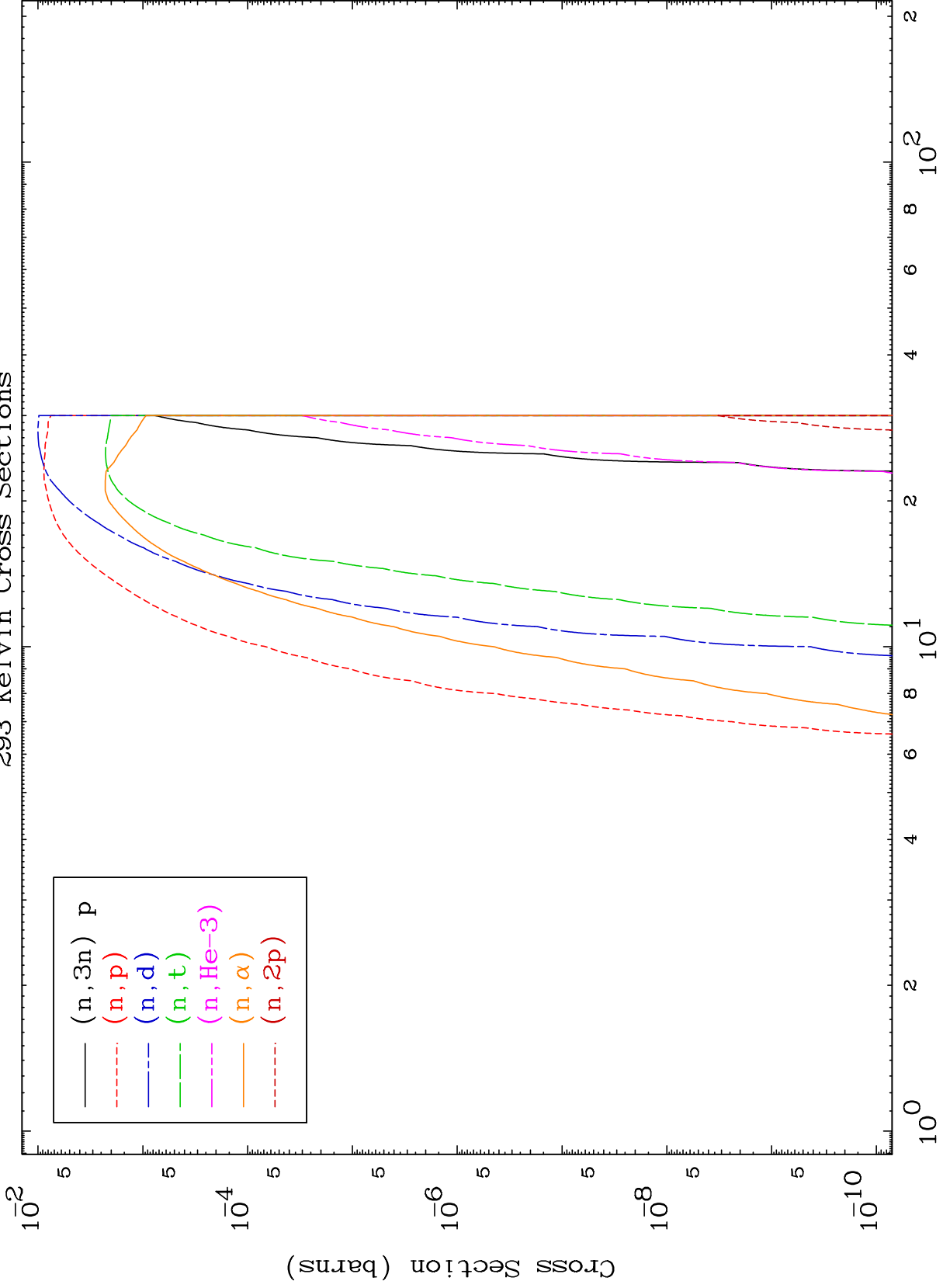


MAT 4149

Charged Particle

41-Nb-101

293 Kelvin Cross Sections



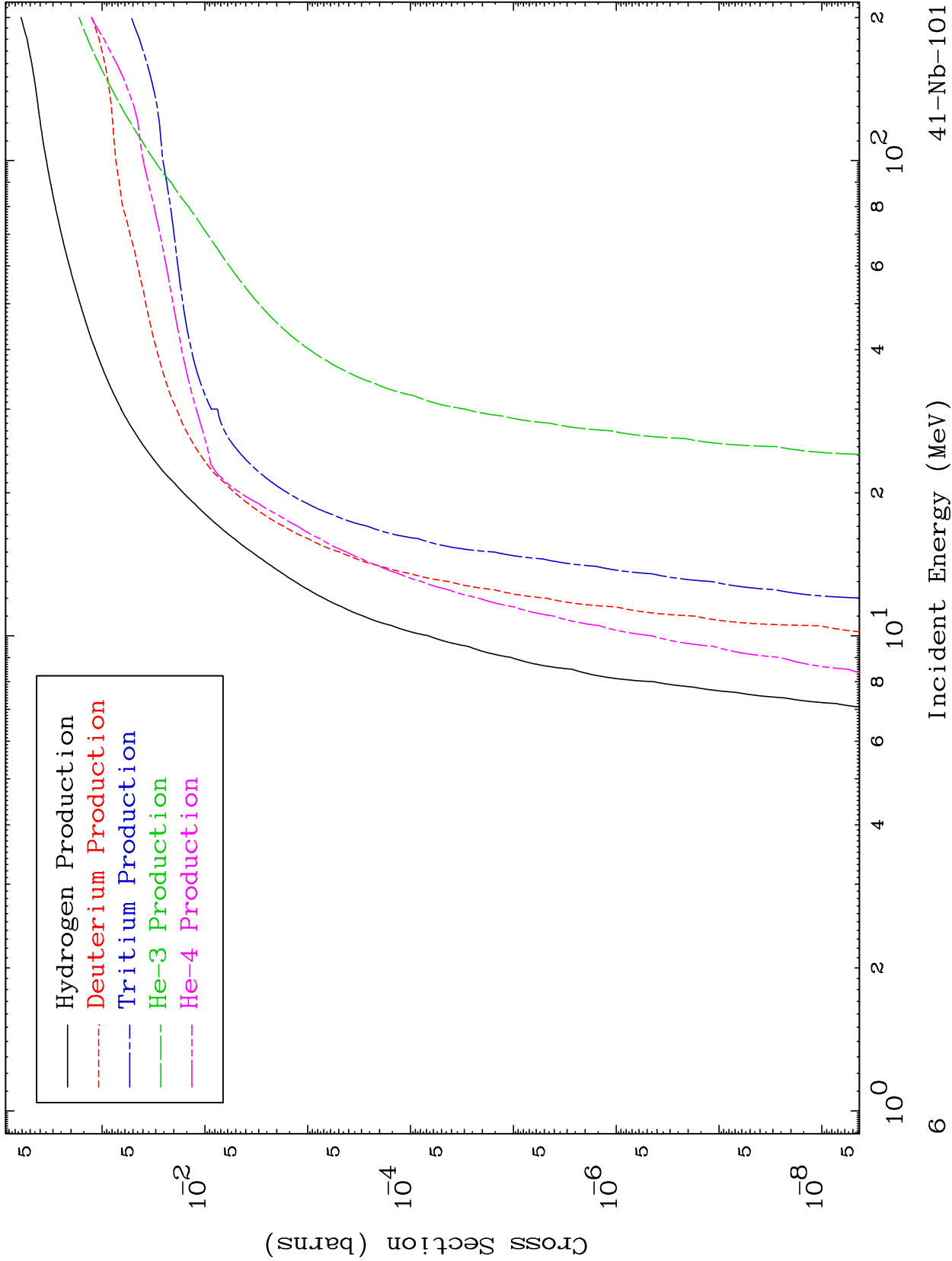
Incident Energy (MeV)

41-Nb-101

MAT 4149

Particle Production
293 Kelvin Cross Sections

41-Nb-101



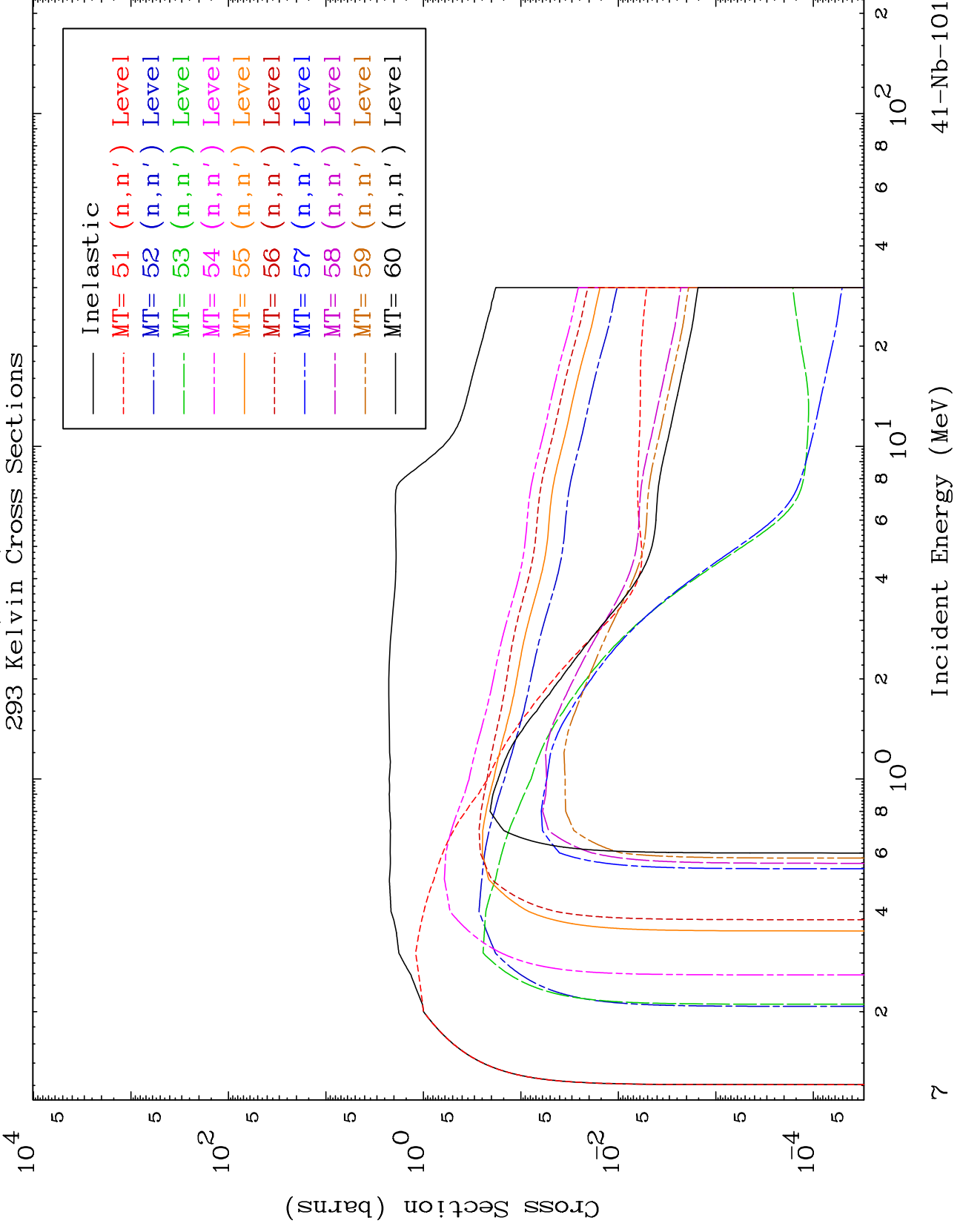
41-Nb-101

Incident Energy (MeV)

MAT 4149

(n,n') Level

41-Nb-101

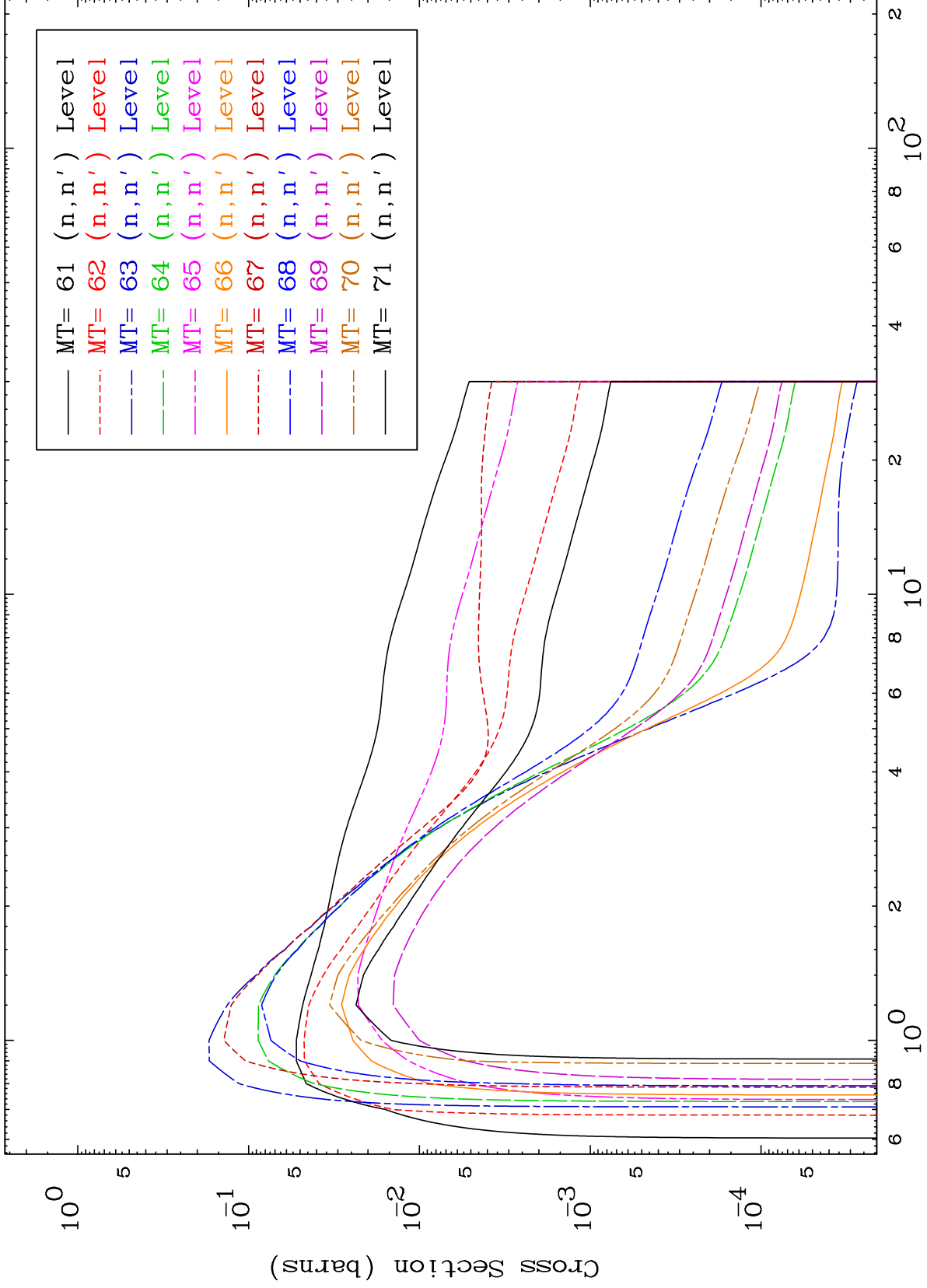


MAT 4149

(n,n') Level

41-Nb-101

293 Kelvin Cross Sections

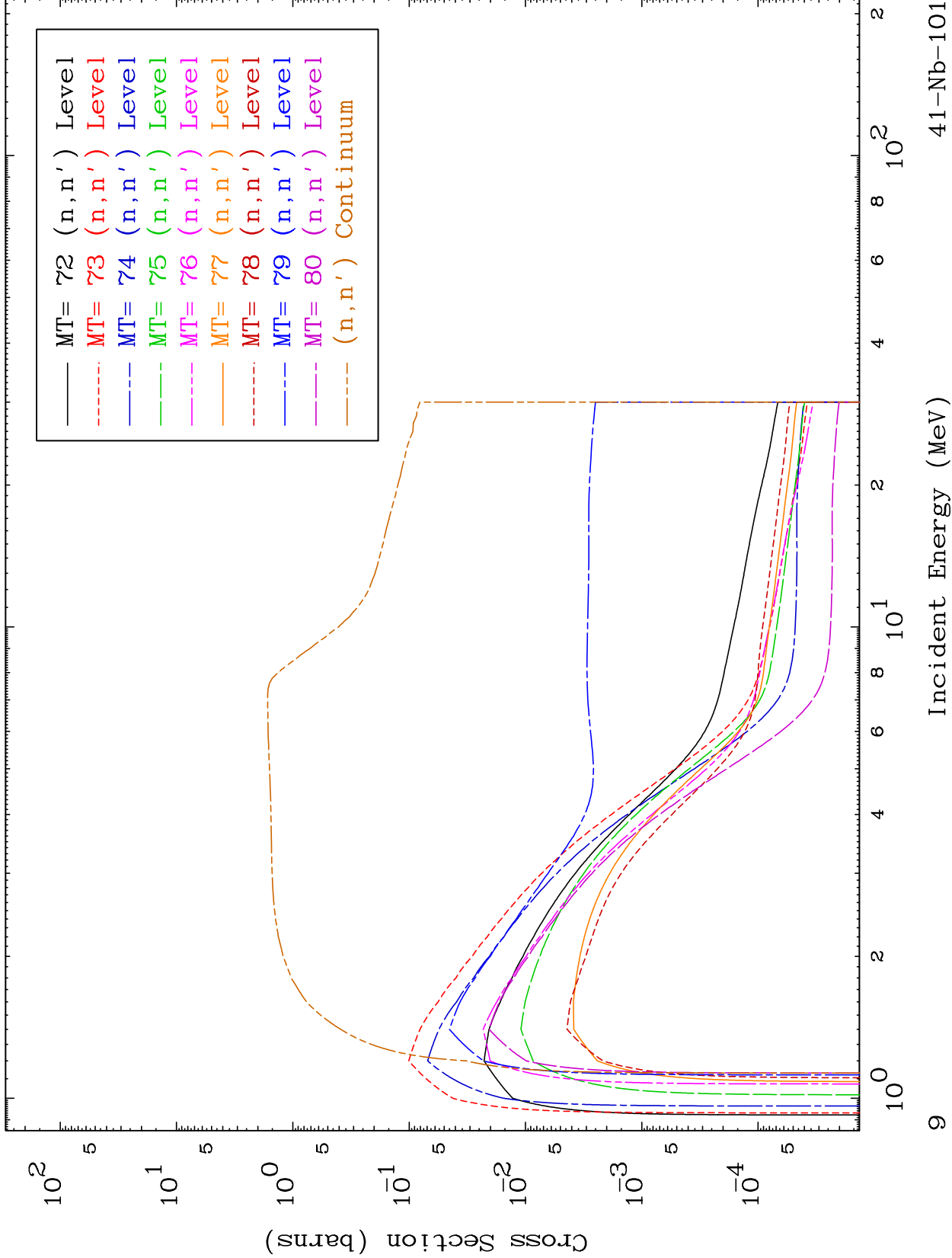


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Incident Energy (MeV)

41-Nb-101

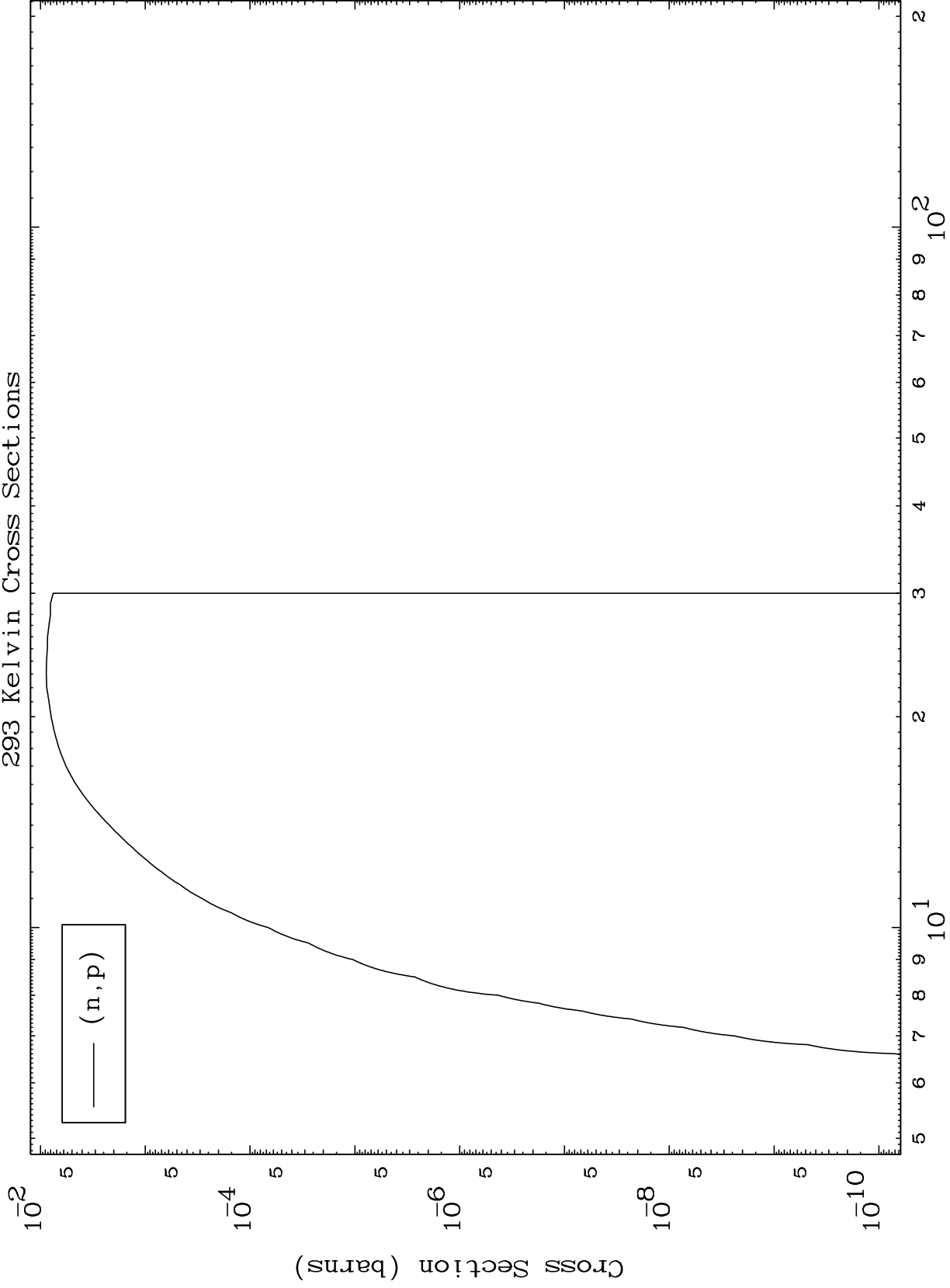
293 Kelvin Cross Sections



MAT 4149

41-Nb-101

(n,p) Levels
293 Kelvin Cross Sections



41-Nb-101

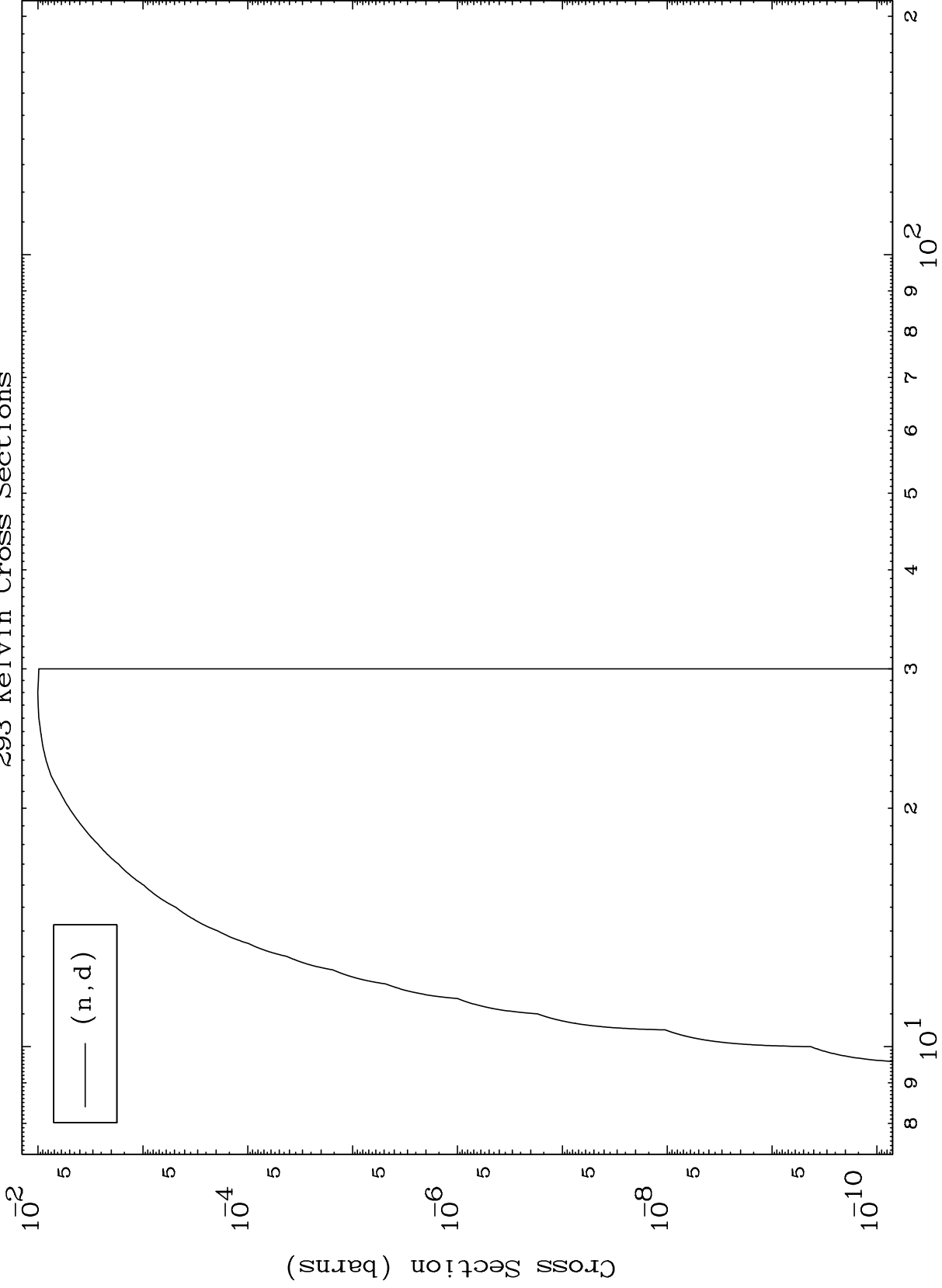
Incident Energy (MeV)

10

MAT 4149

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-101



11

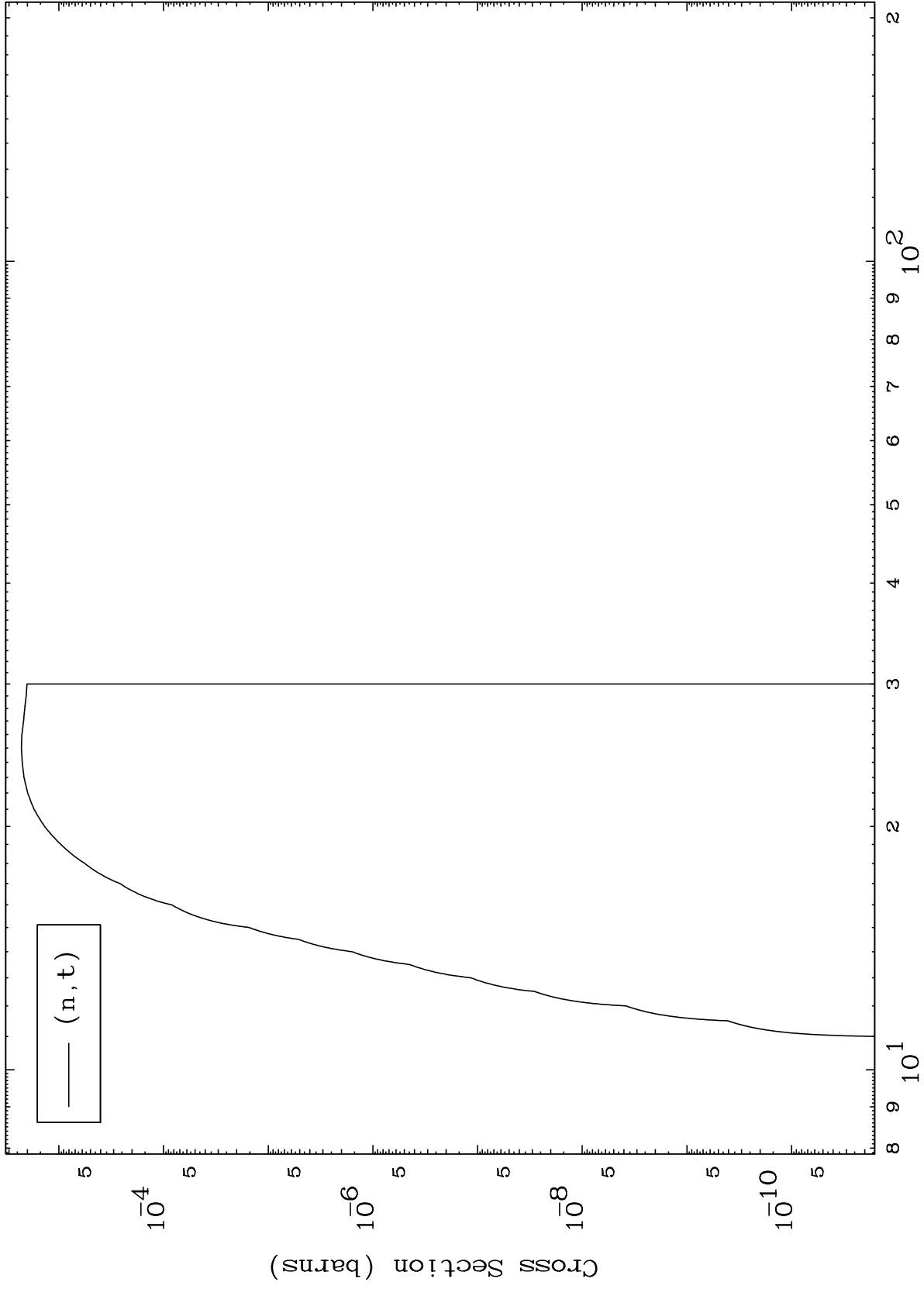
Incident Energy (MeV)

41-Nb-101

MAT 4149

41-Nb-101

(n,t) Levels
293 Kelvin Cross Sections



12

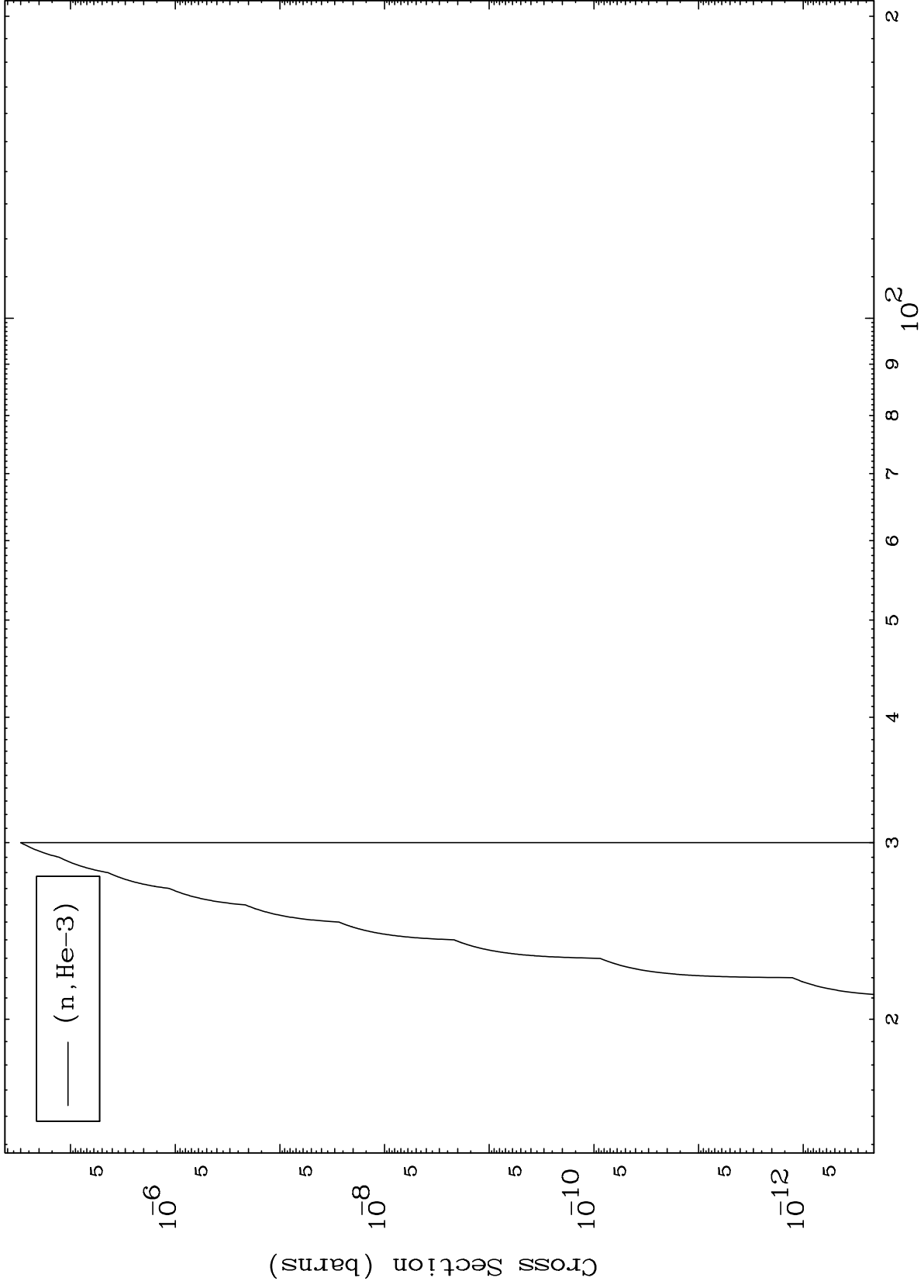
Incident Energy (MeV)

41-Nb-101

MAT 4149

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-101



13

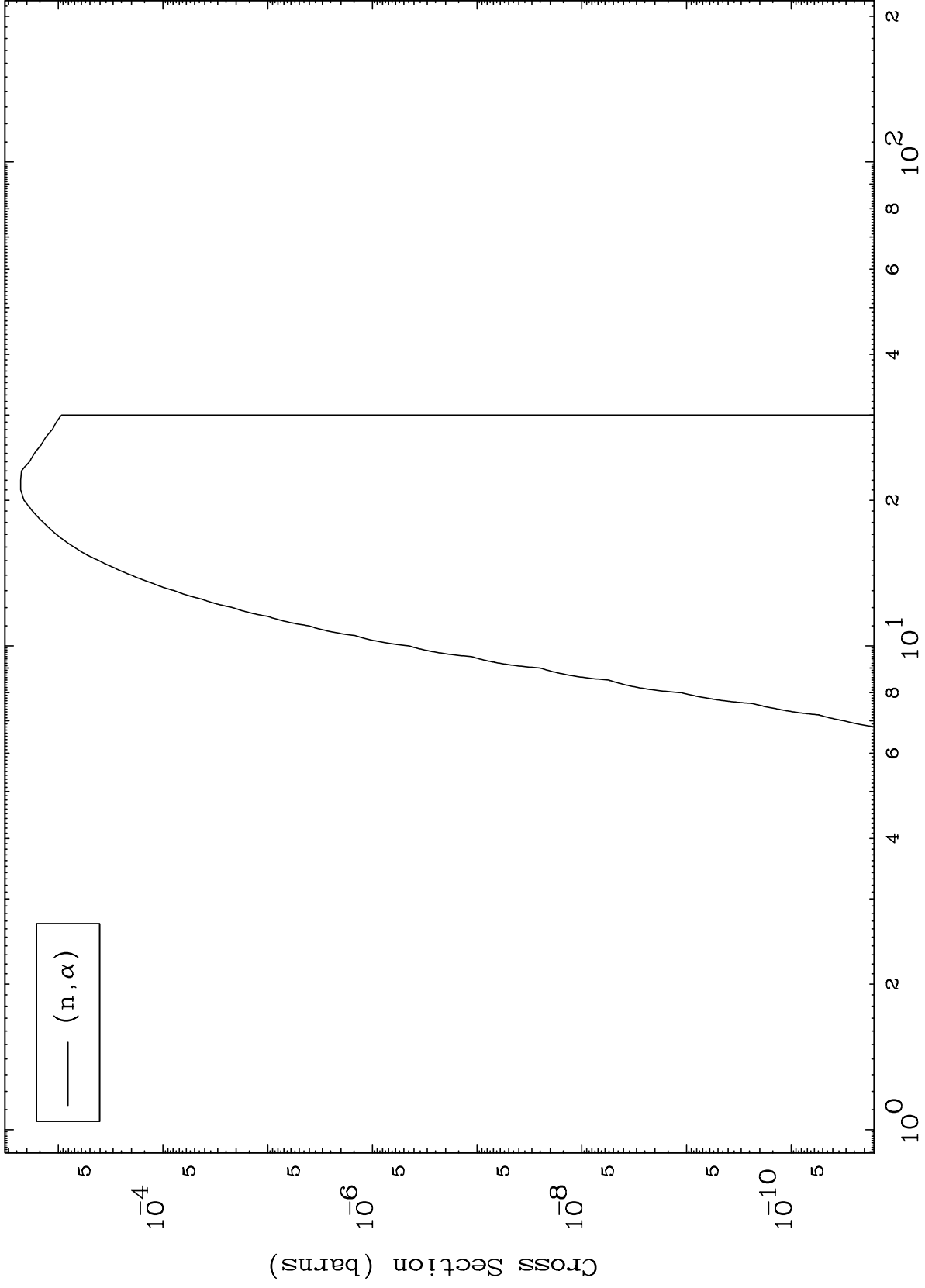
Incident Energy (MeV)

41-Nb-101

MAT 4149

(n, α) Levels
293 Kelvin Cross Sections

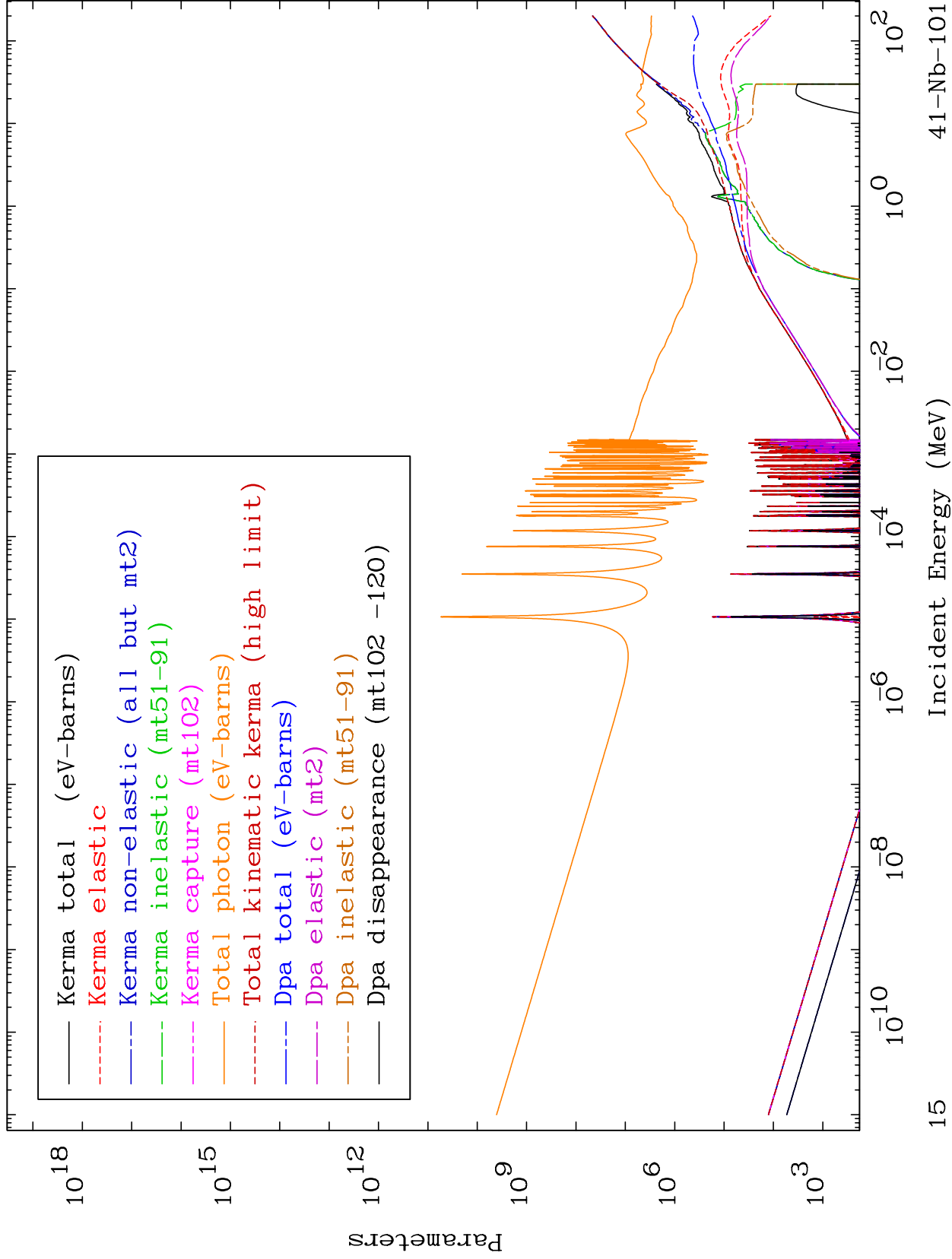
41-Nb-101



14

Incident Energy (MeV)

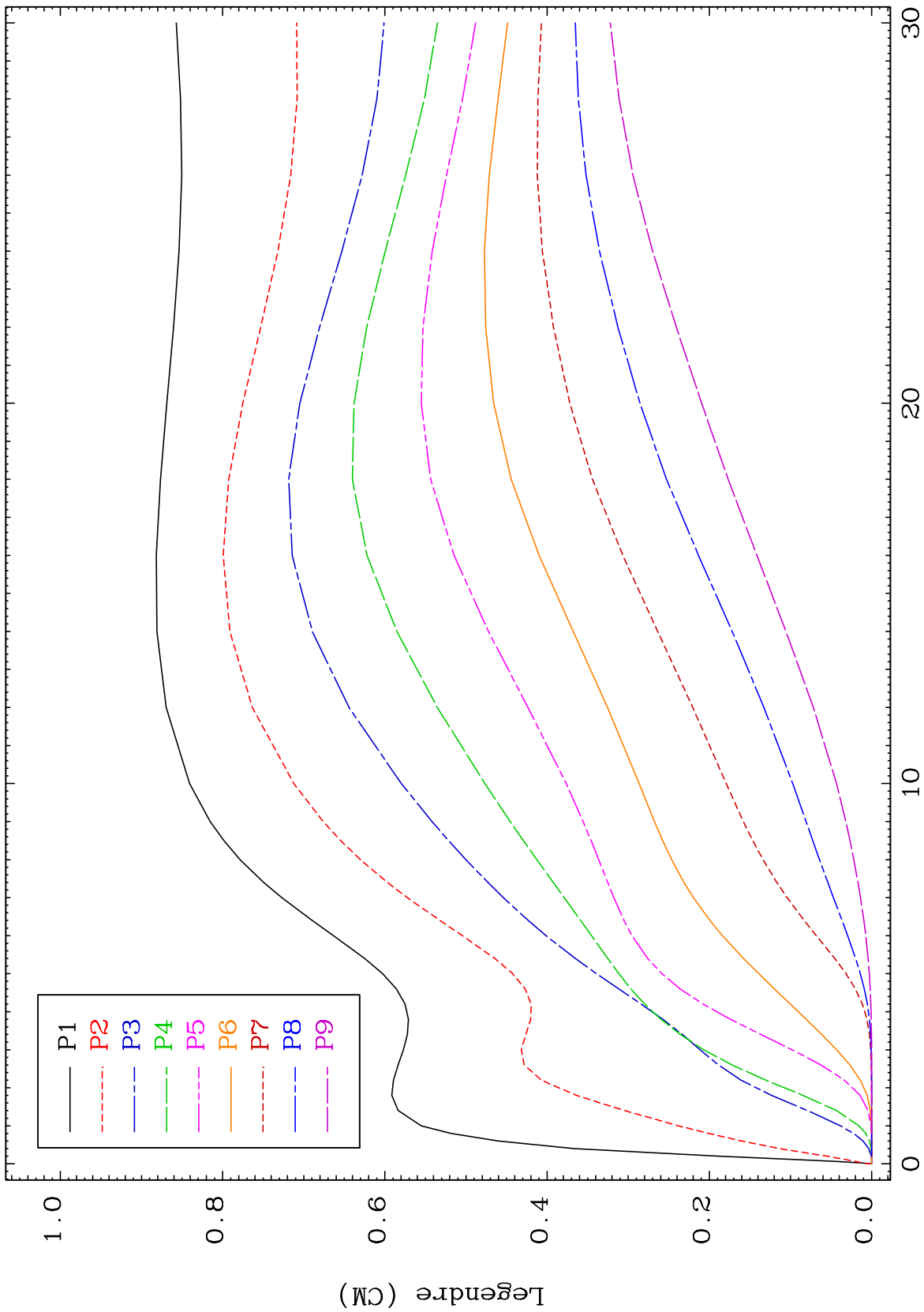
41-Nb-101



MAT 4149

Elastic Legendre Coefficients

41-Nb-101

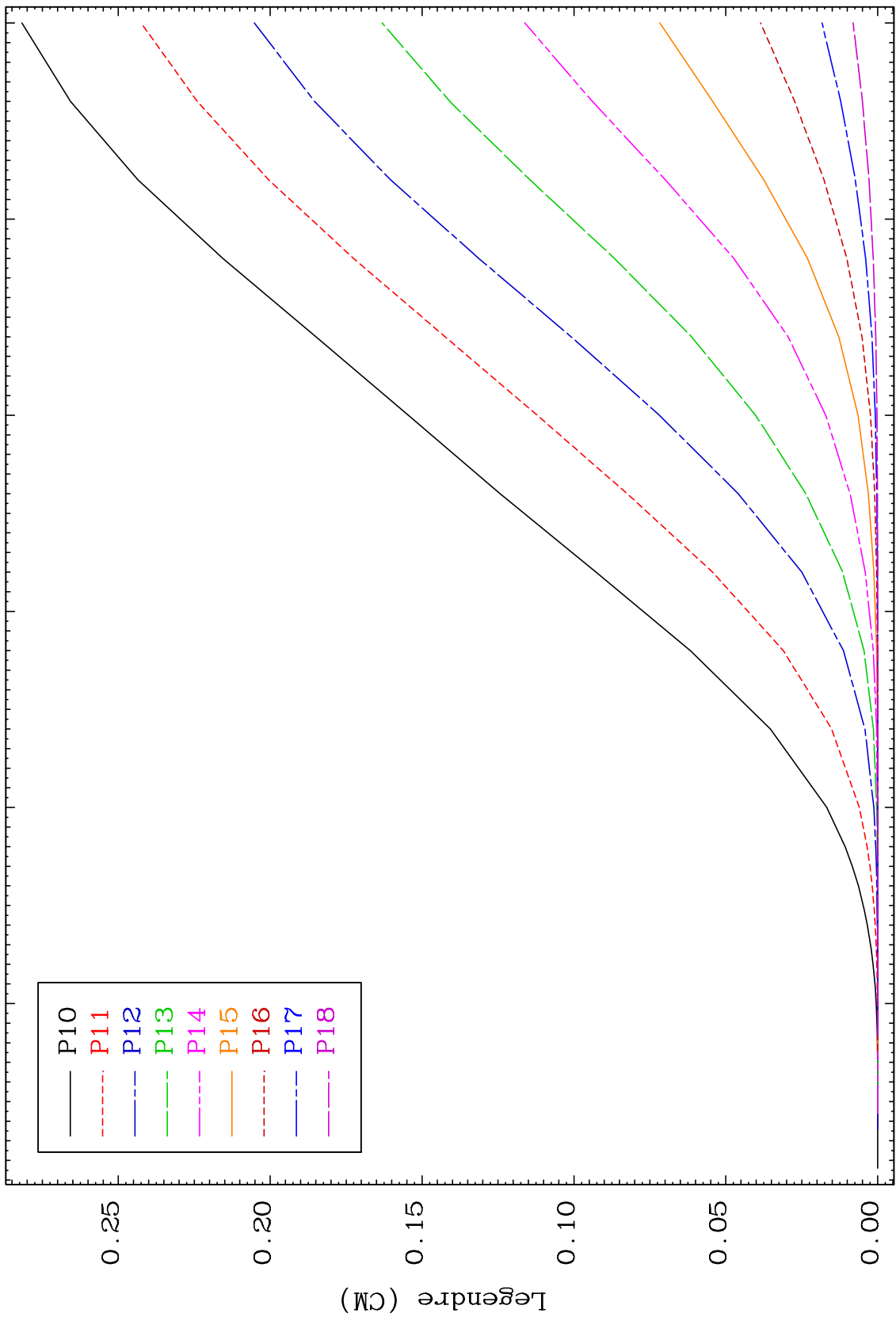


16

Incident Energy (MeV)

41-Nb-101

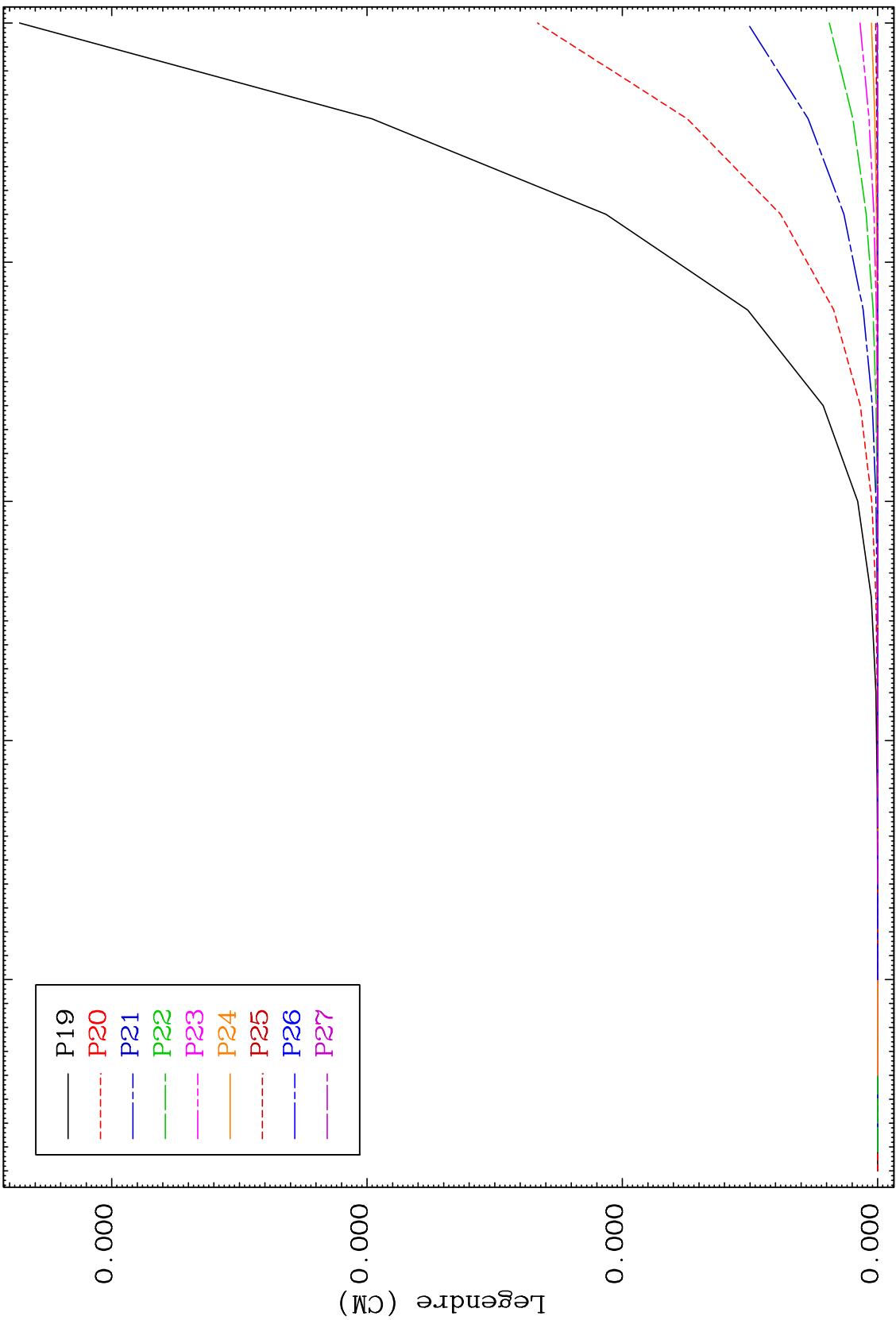
Elastic Legendre Coefficients



MAT 4149

Elastic Legendre Coefficients

41-Nb-101



18

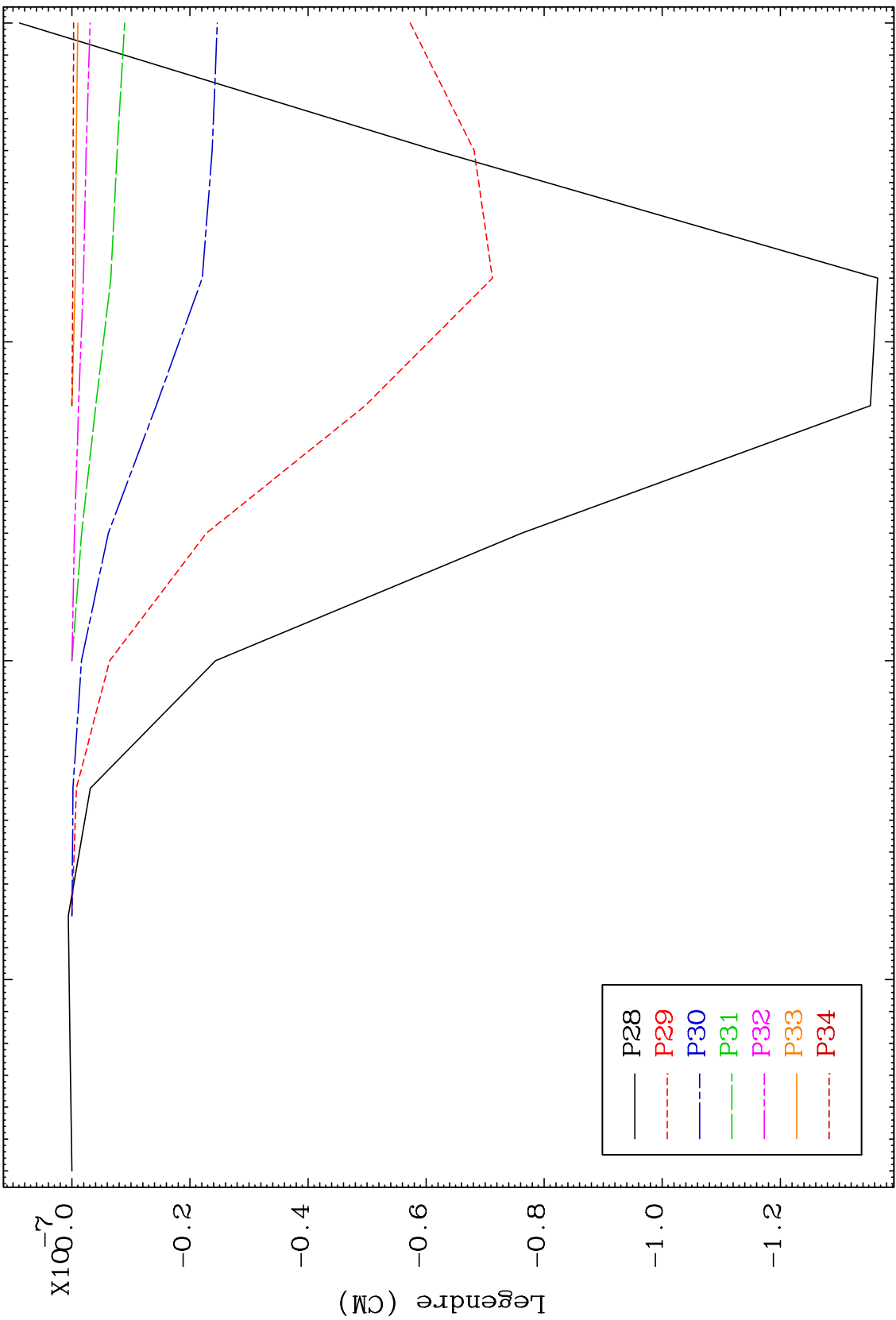
Incident Energy (MeV)

41-Nb-101

MAT 4149

41-Nb-101

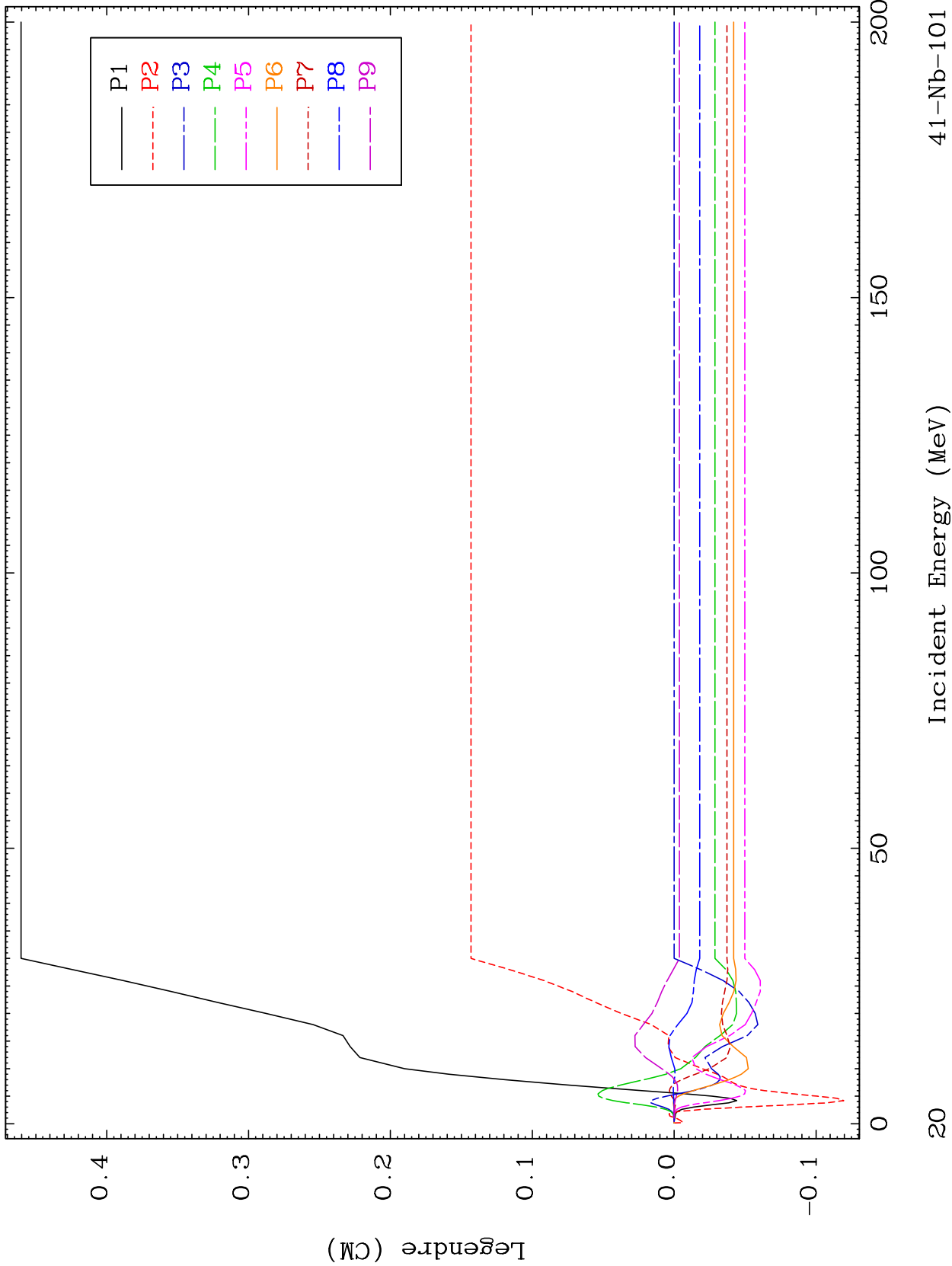
Elastic Legendre Coefficients



MAT 4149

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

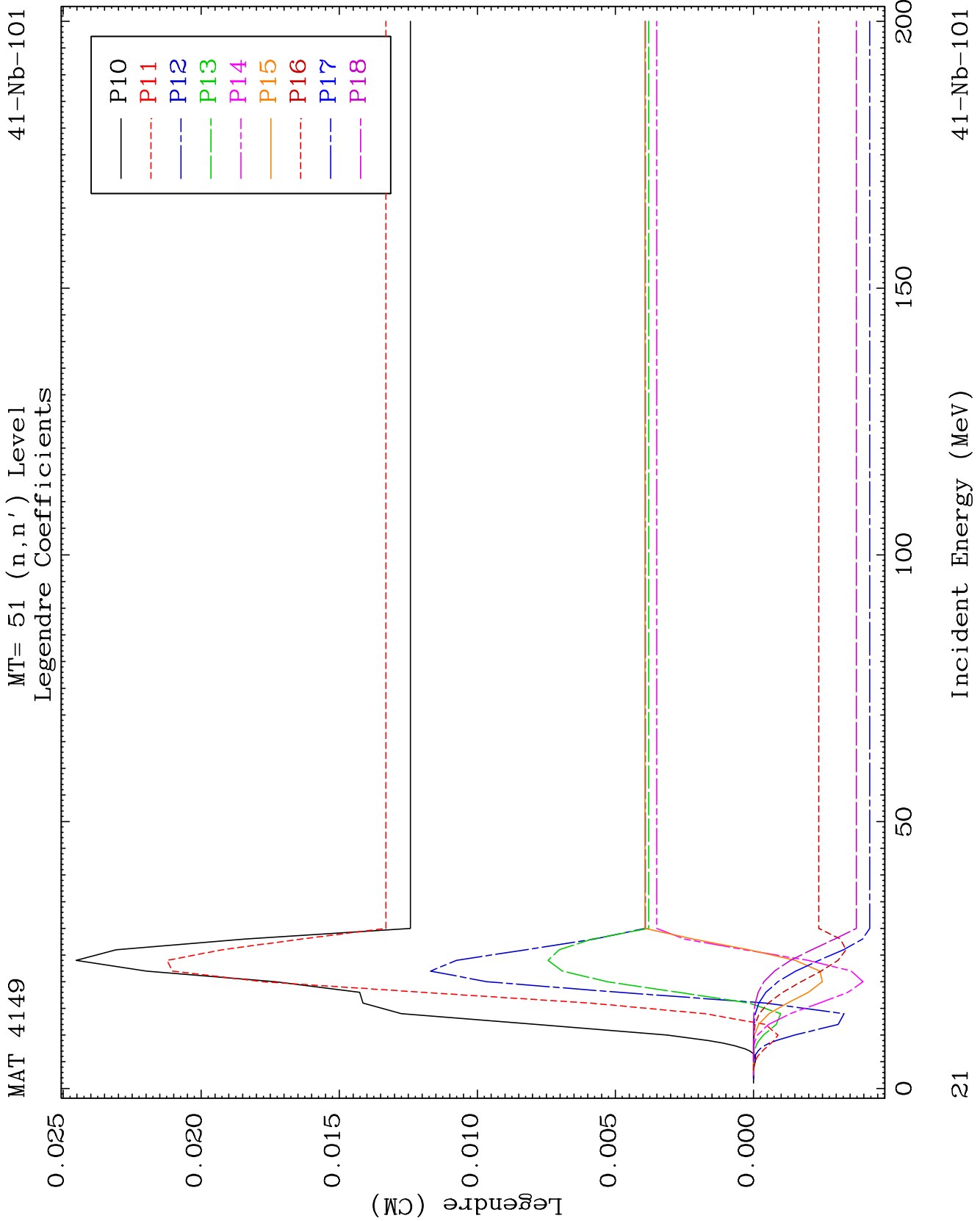
41-Nb-101



41-Nb-101

Incident Energy (MeV)

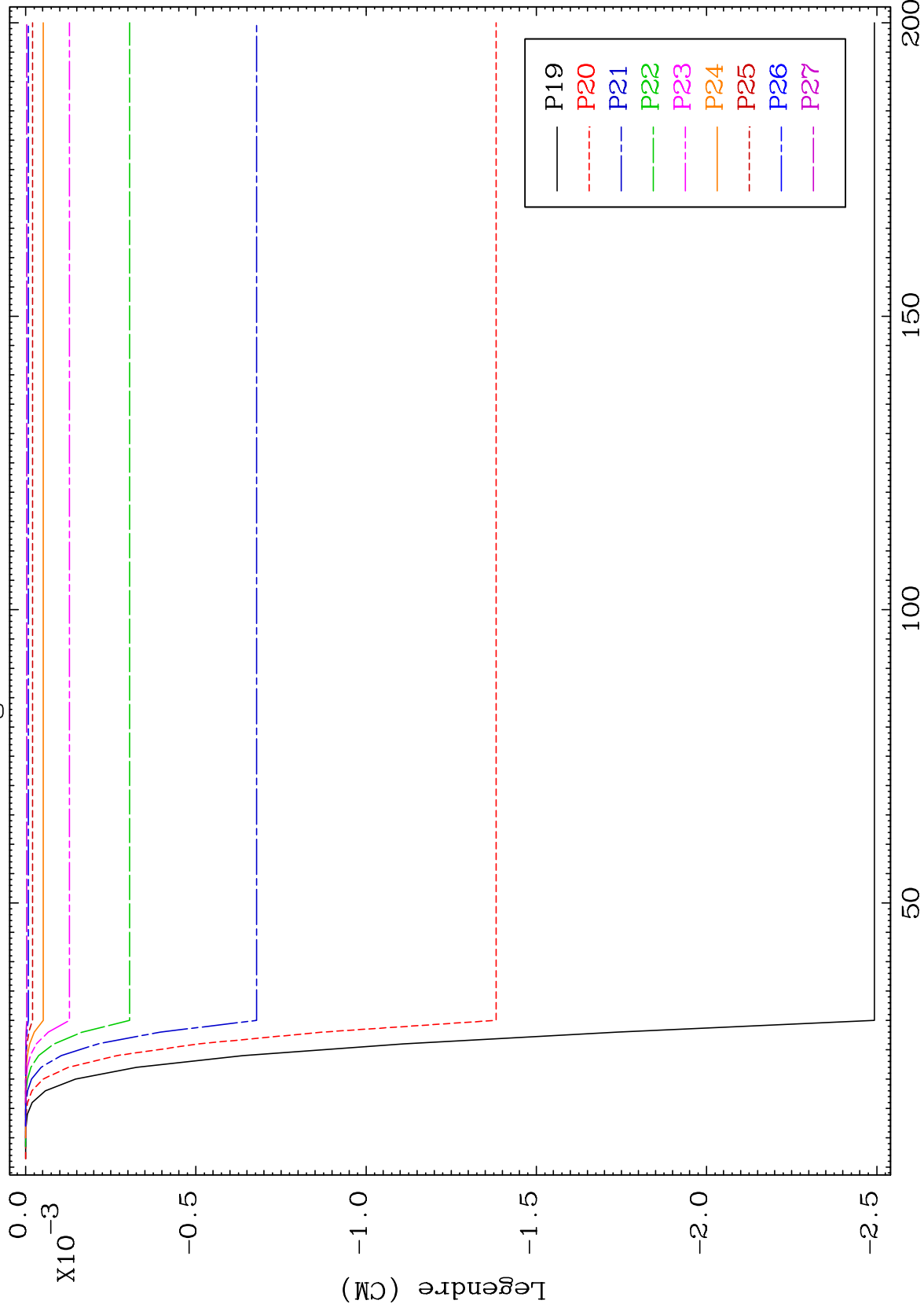
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MAT 4149

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

41-Nb-101

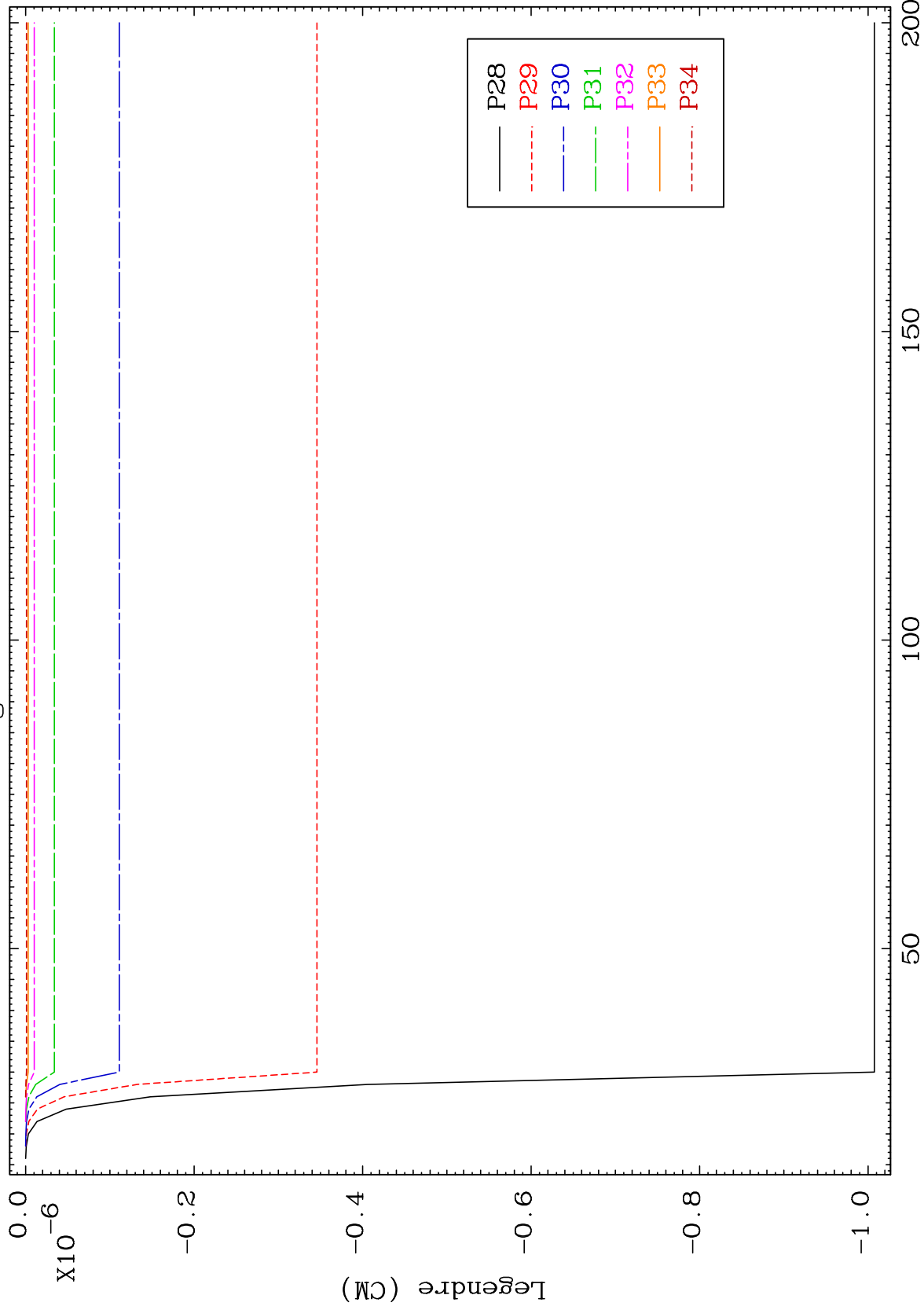


MAT 4149

MT= 51 (n,n') Level

41-Nb-101

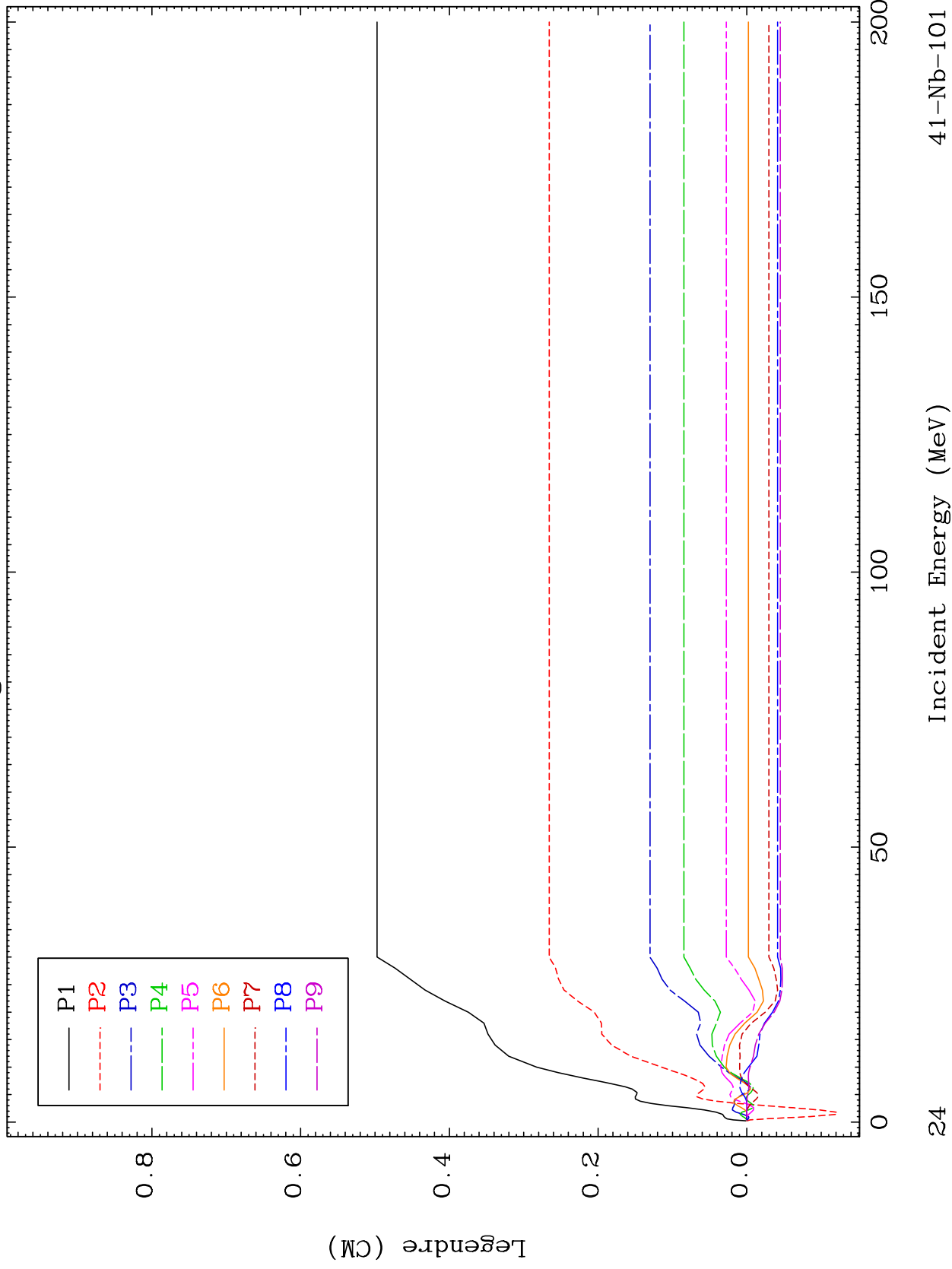
Legendre Coefficients



MAT 4149

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

41-Nb-101



41-Nb-101

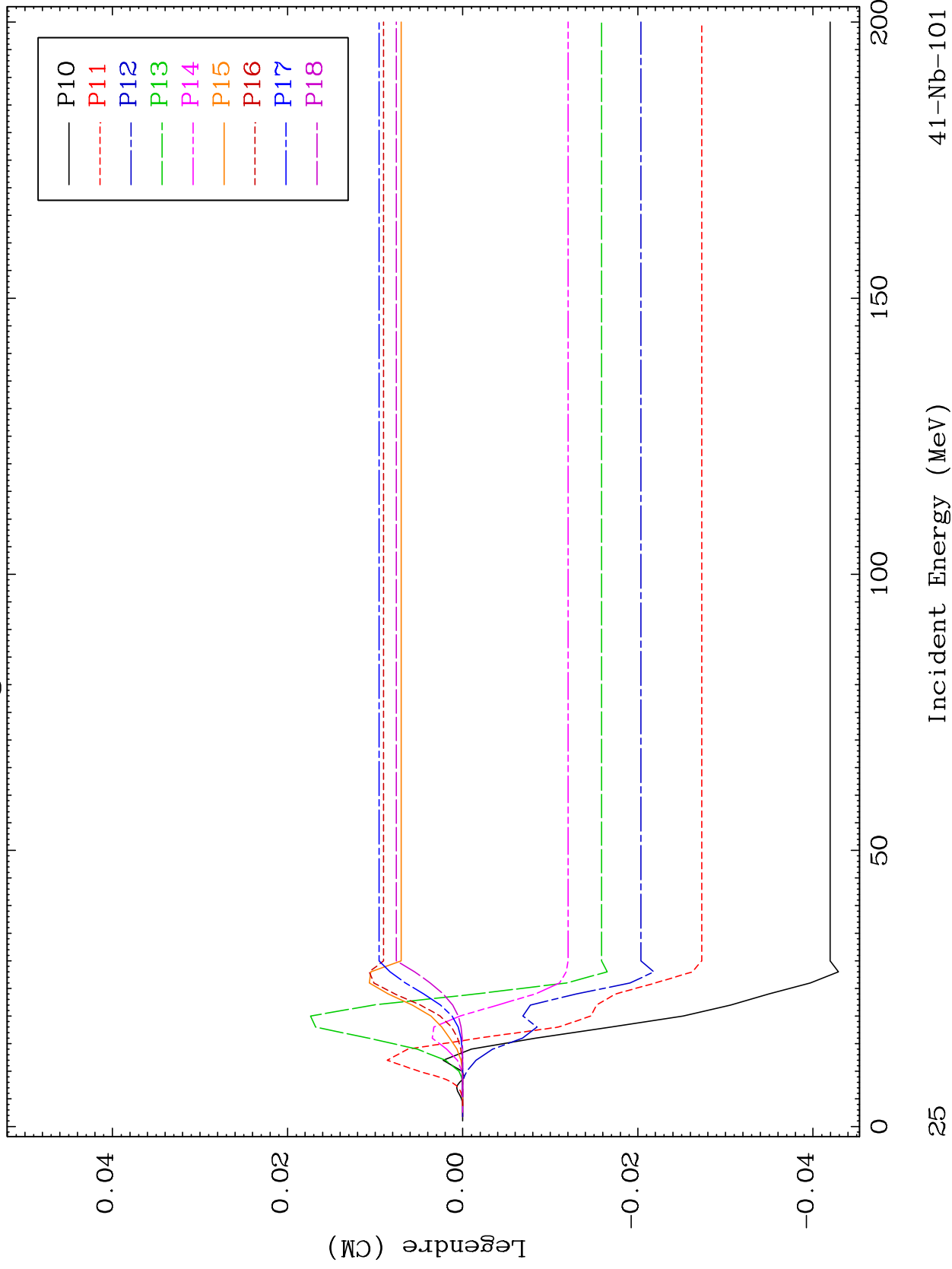
Incident Energy (MeV)

24

MAT 4149

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

41-Nb-101



41-Nb-101

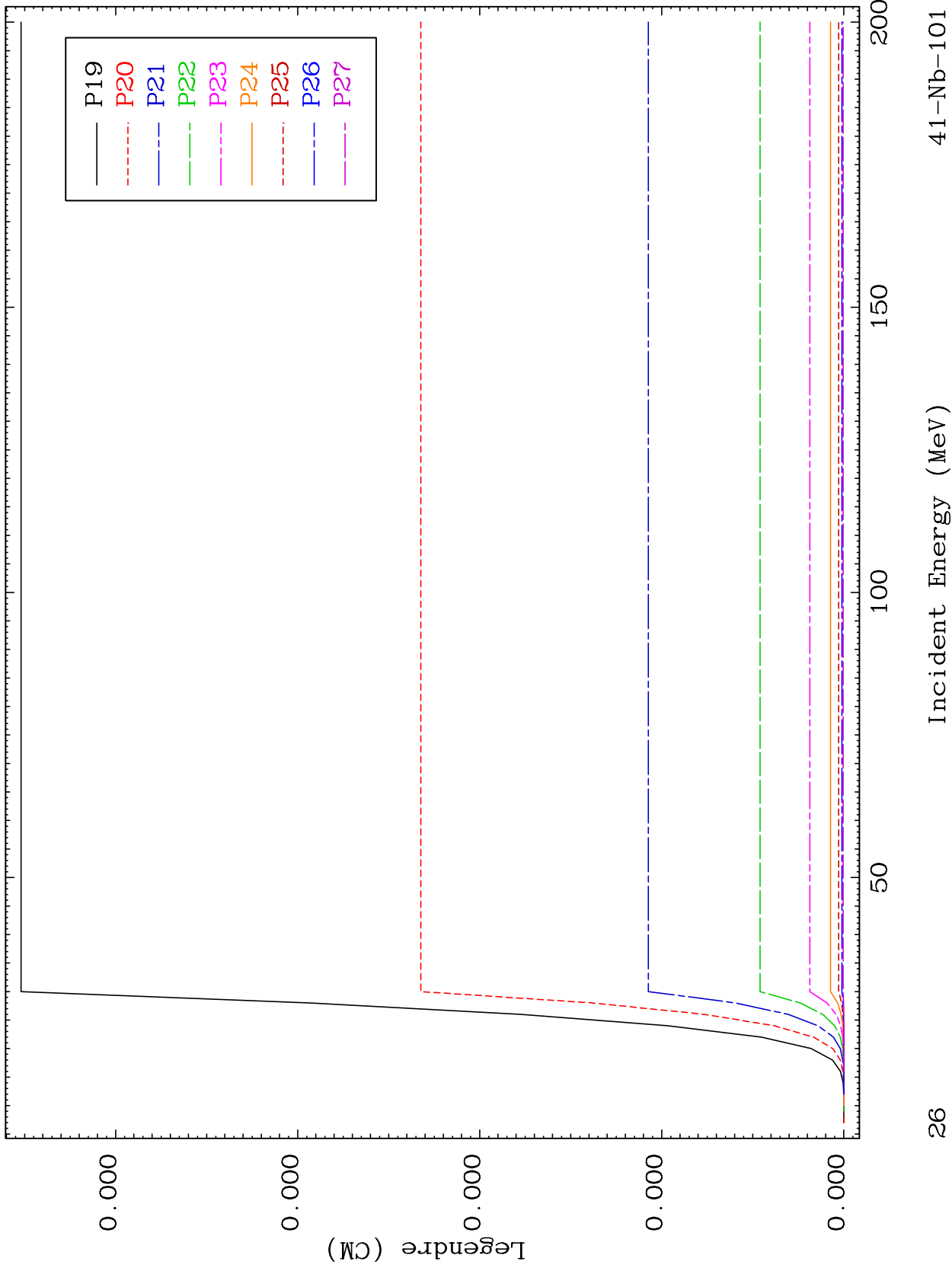
Incident Energy (MeV)

25

MAT 4149

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

41-Nb-101



26

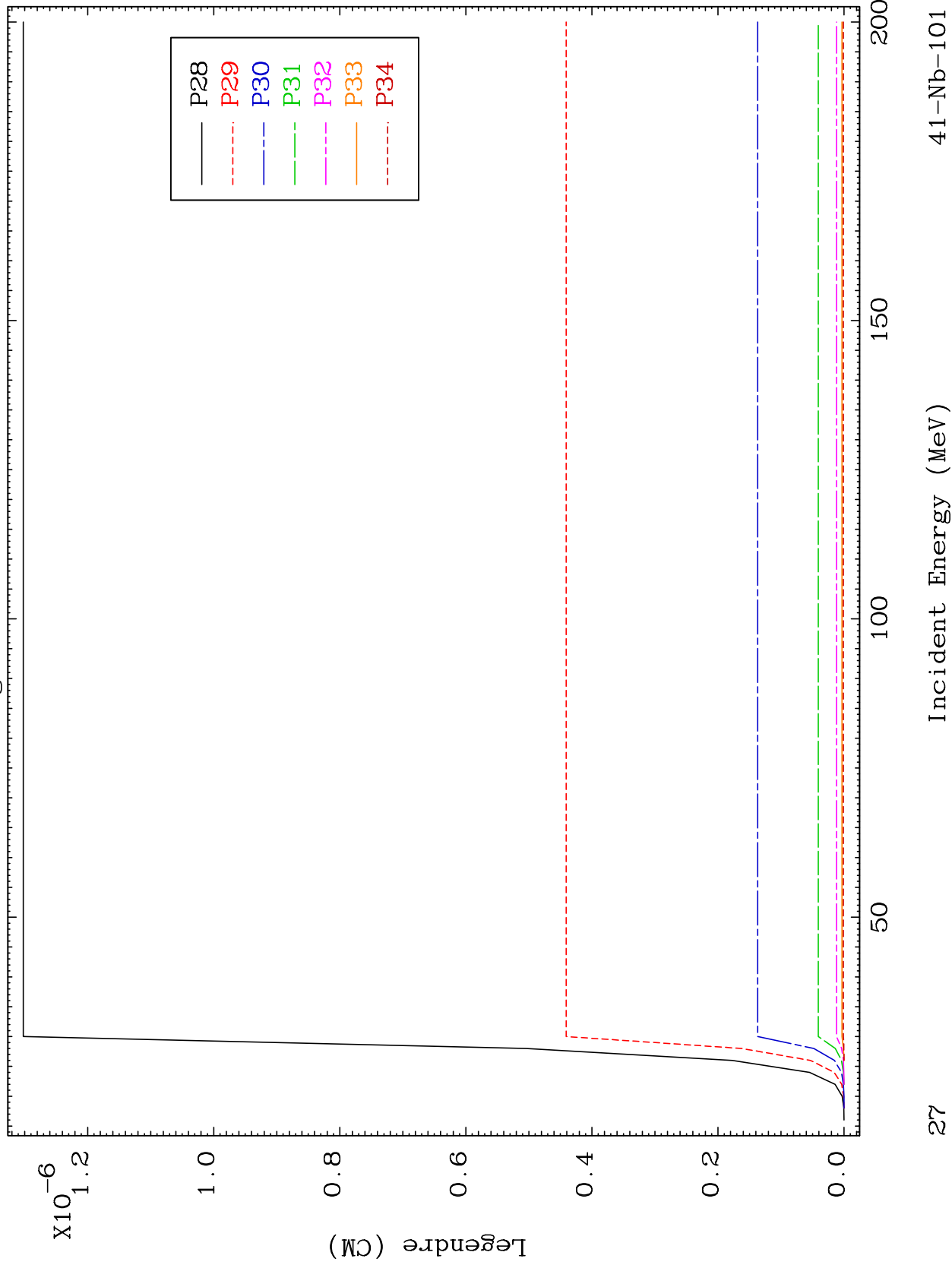
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

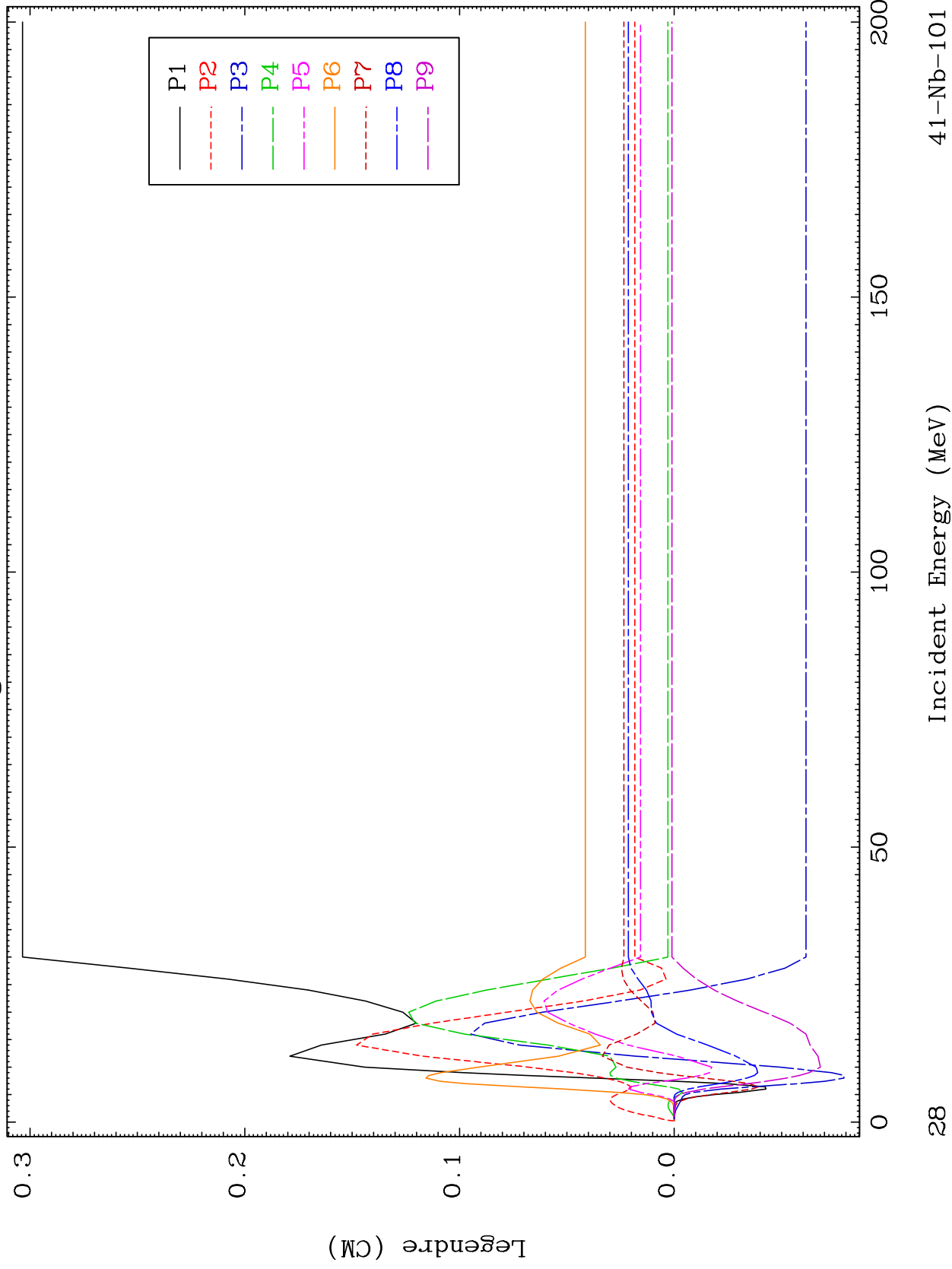
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MAT 4149

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

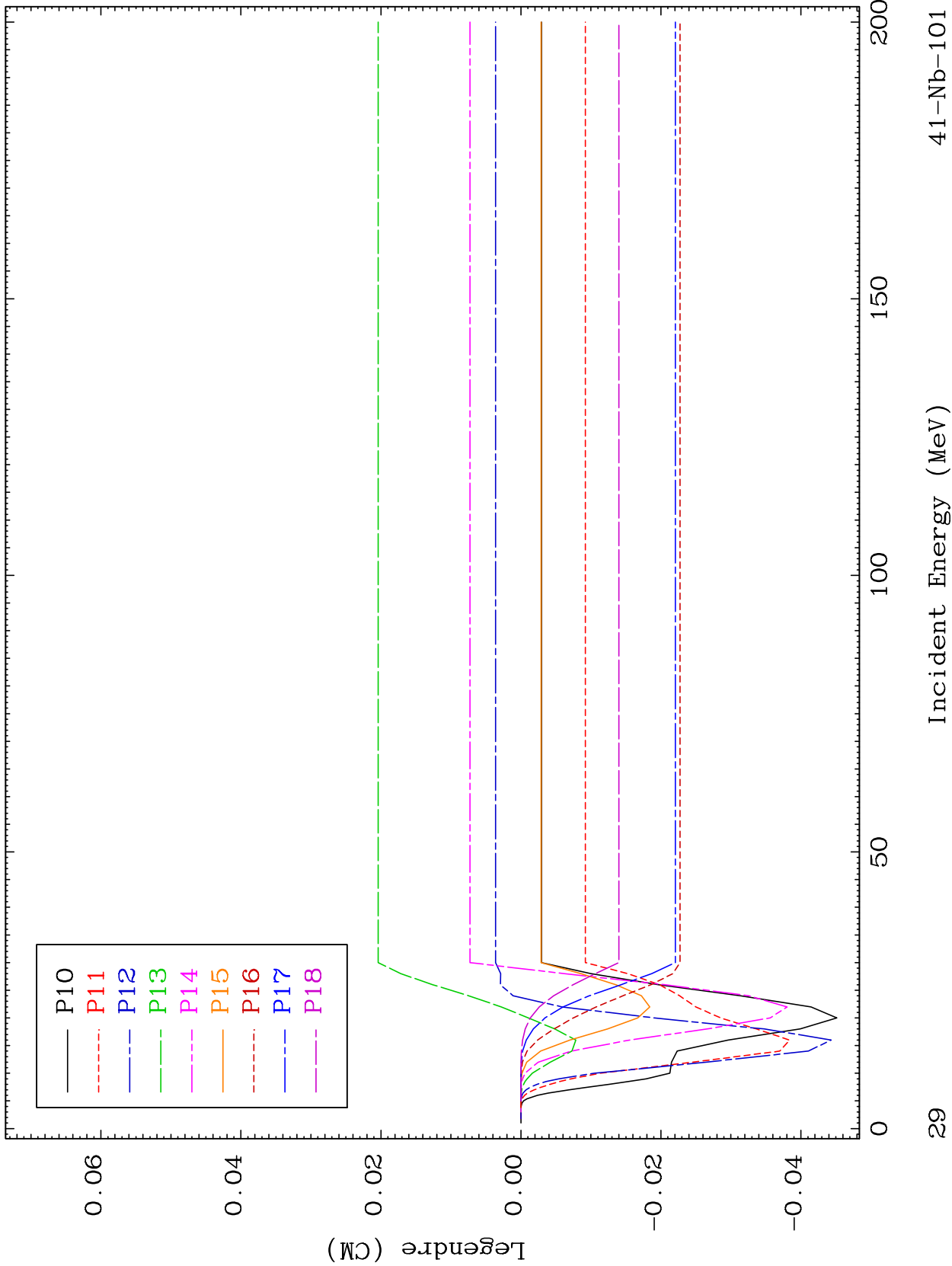
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MAT 4149

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

41-Nb-101



29

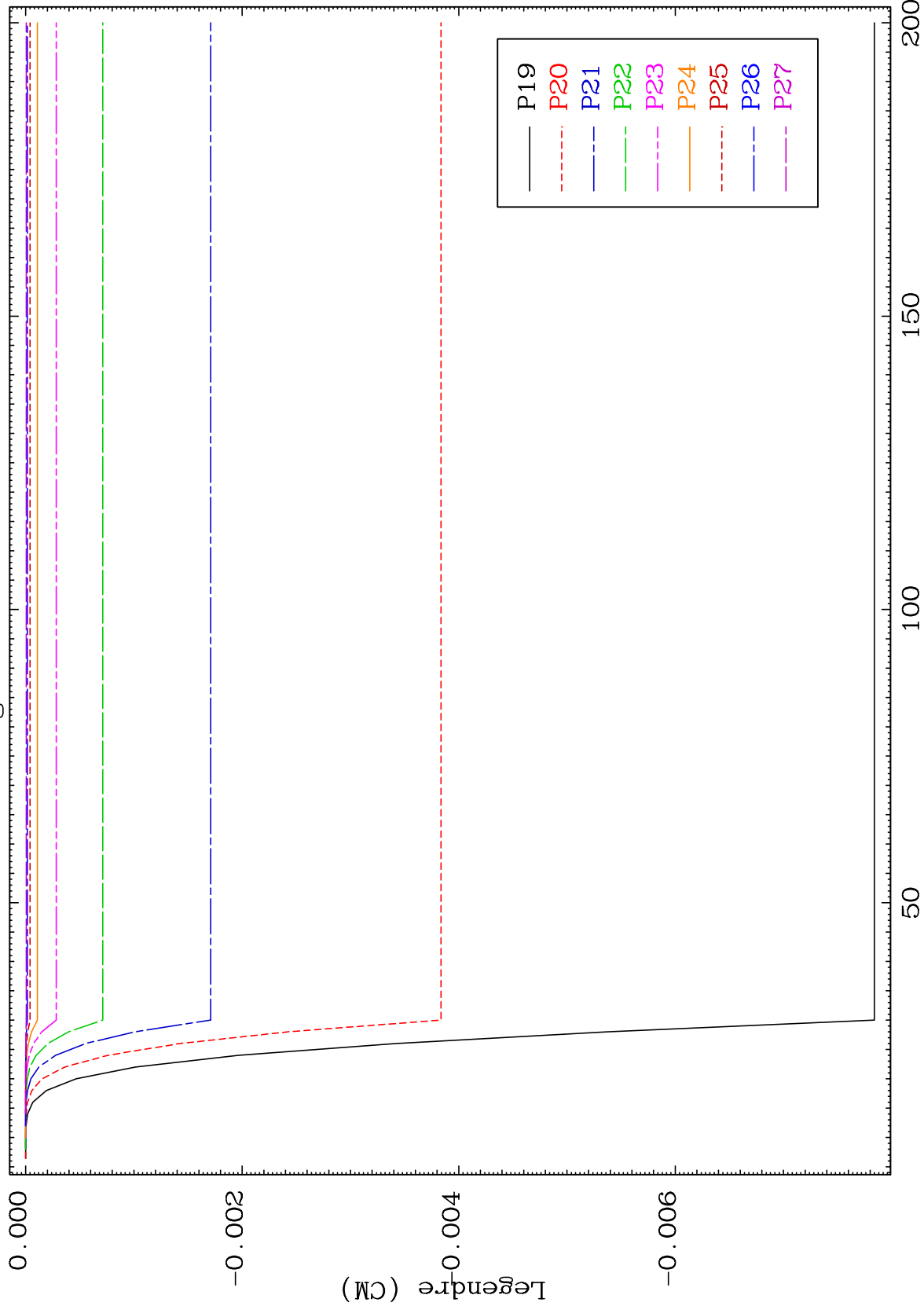
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MAT 4149

MT= 53 (n,n') Level

41-Nb-101

Legendre Coefficients



30

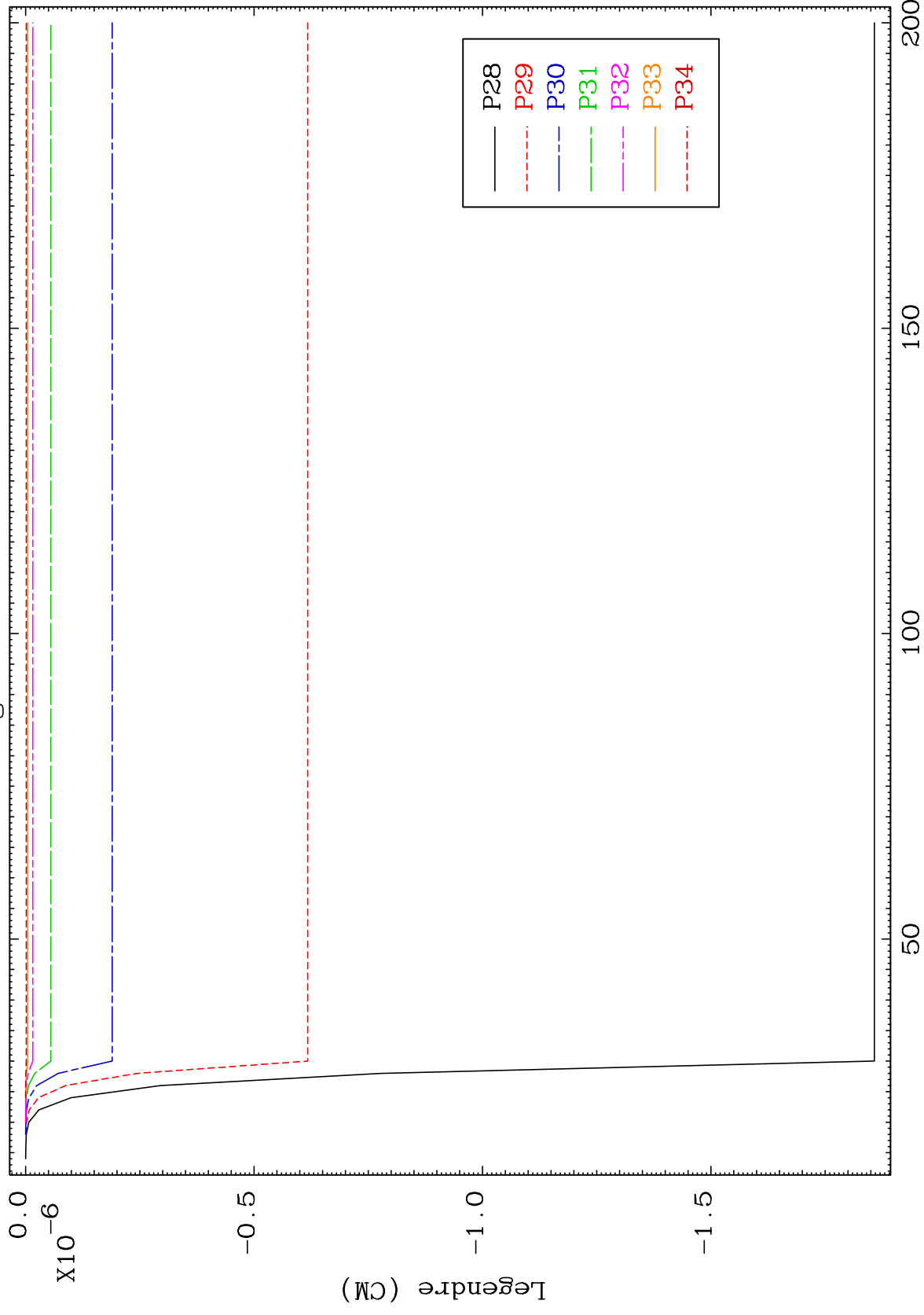
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

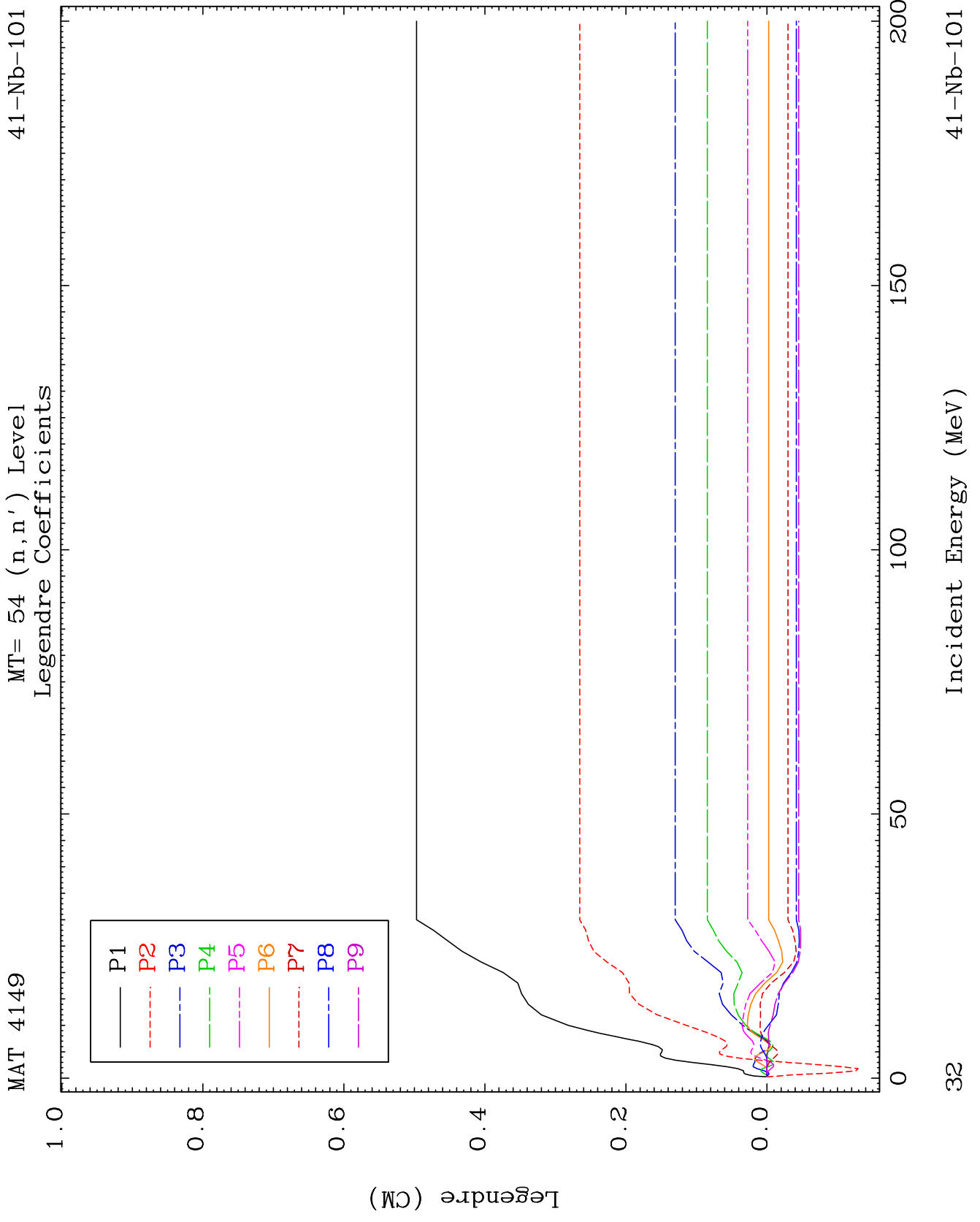
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Incident Energy (MeV)

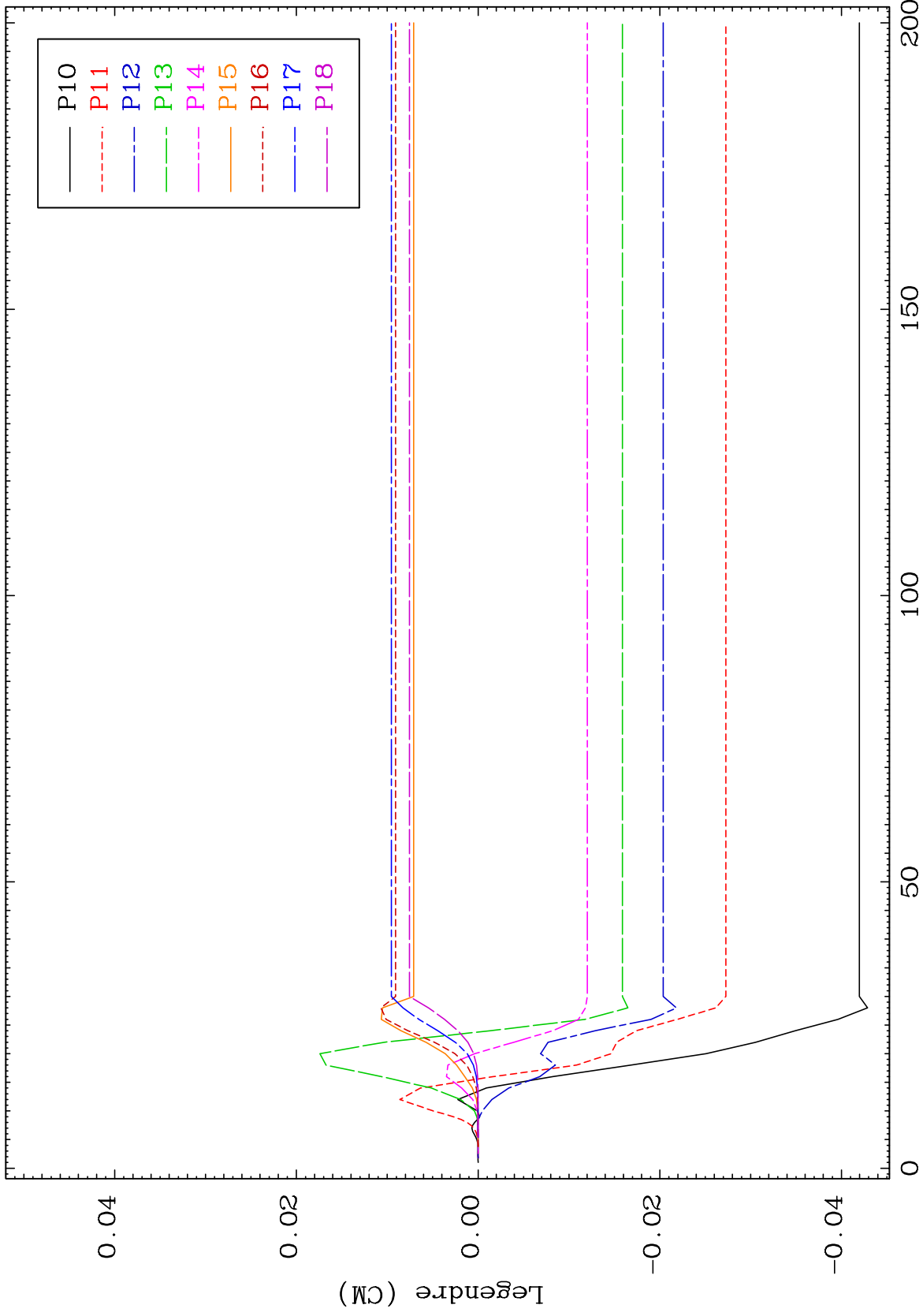
41-Nb-101



MAT 4149

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

41-Nb-101



33

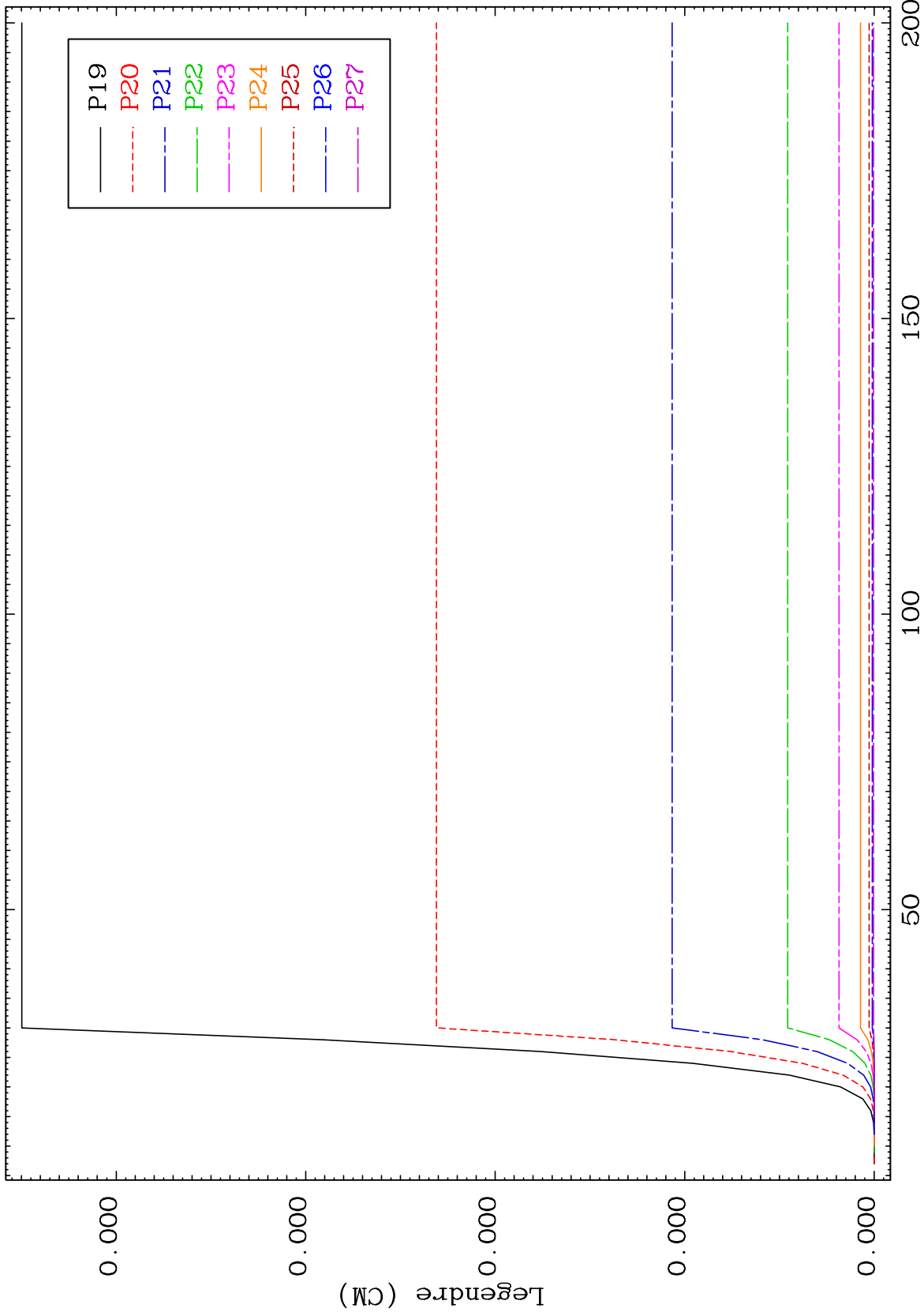
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



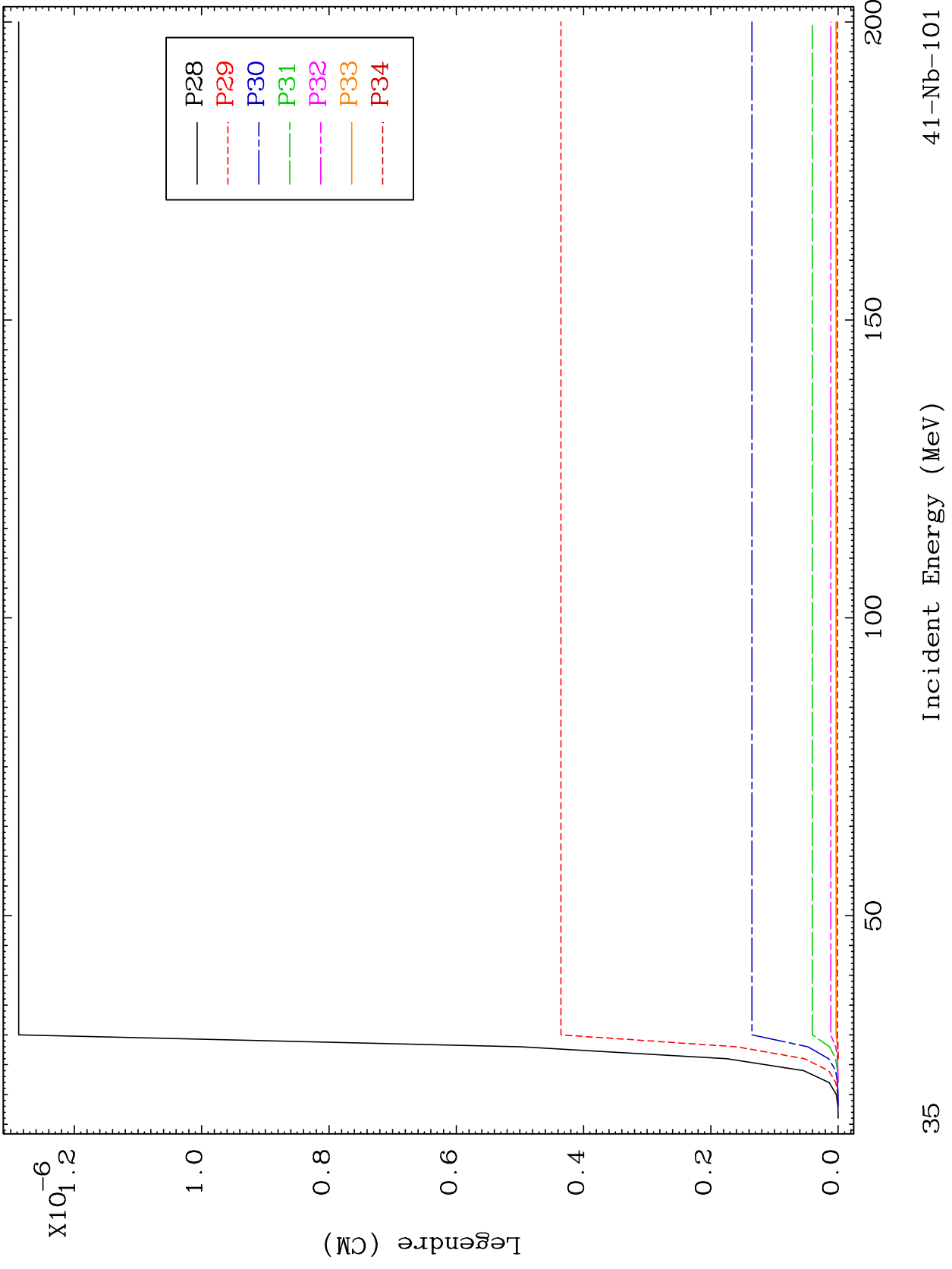
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41-Nb-101

MAT 4149

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

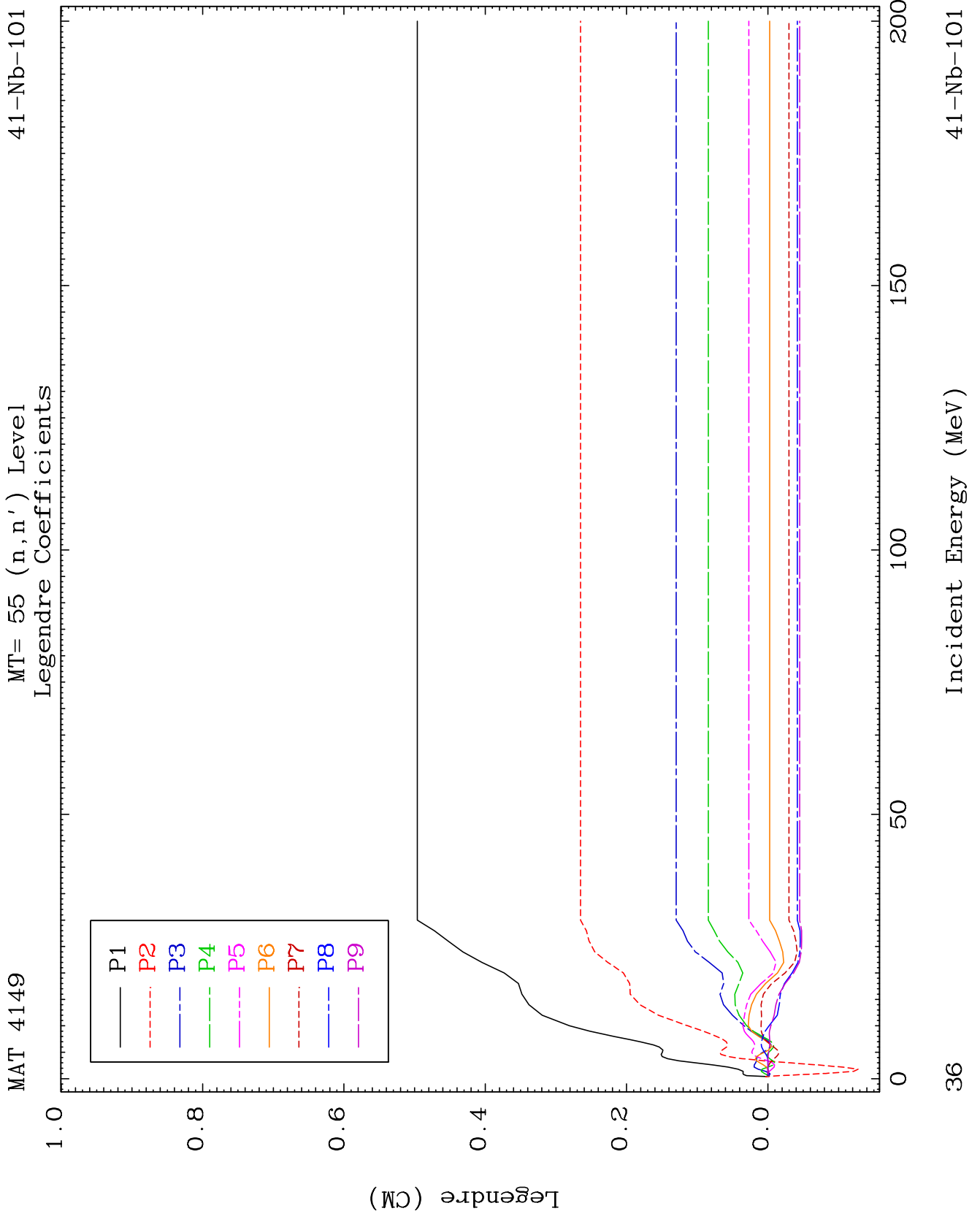
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35

Incident Energy (MeV)

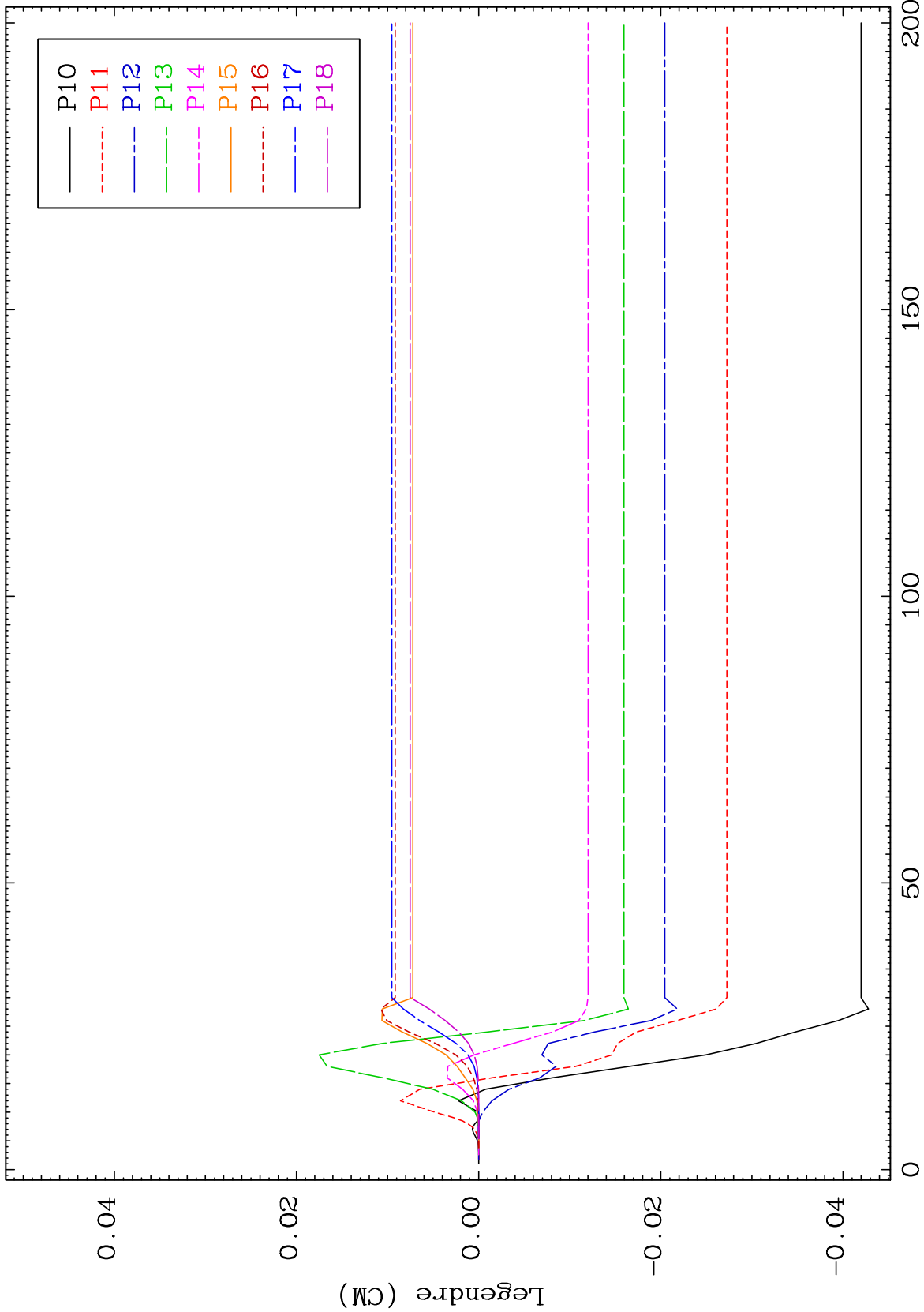
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MAT 4149

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

41-Nb-101



37

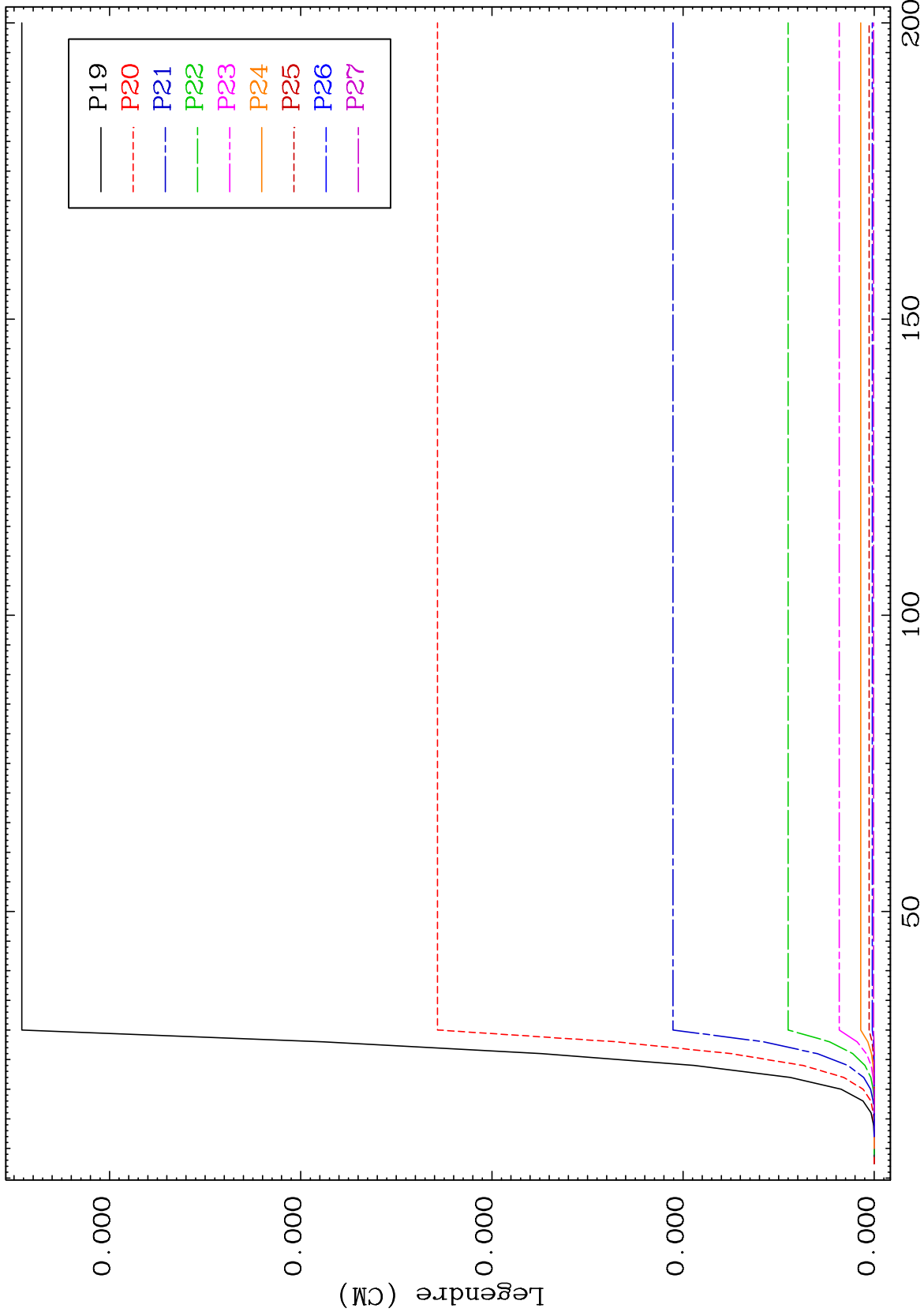
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



38

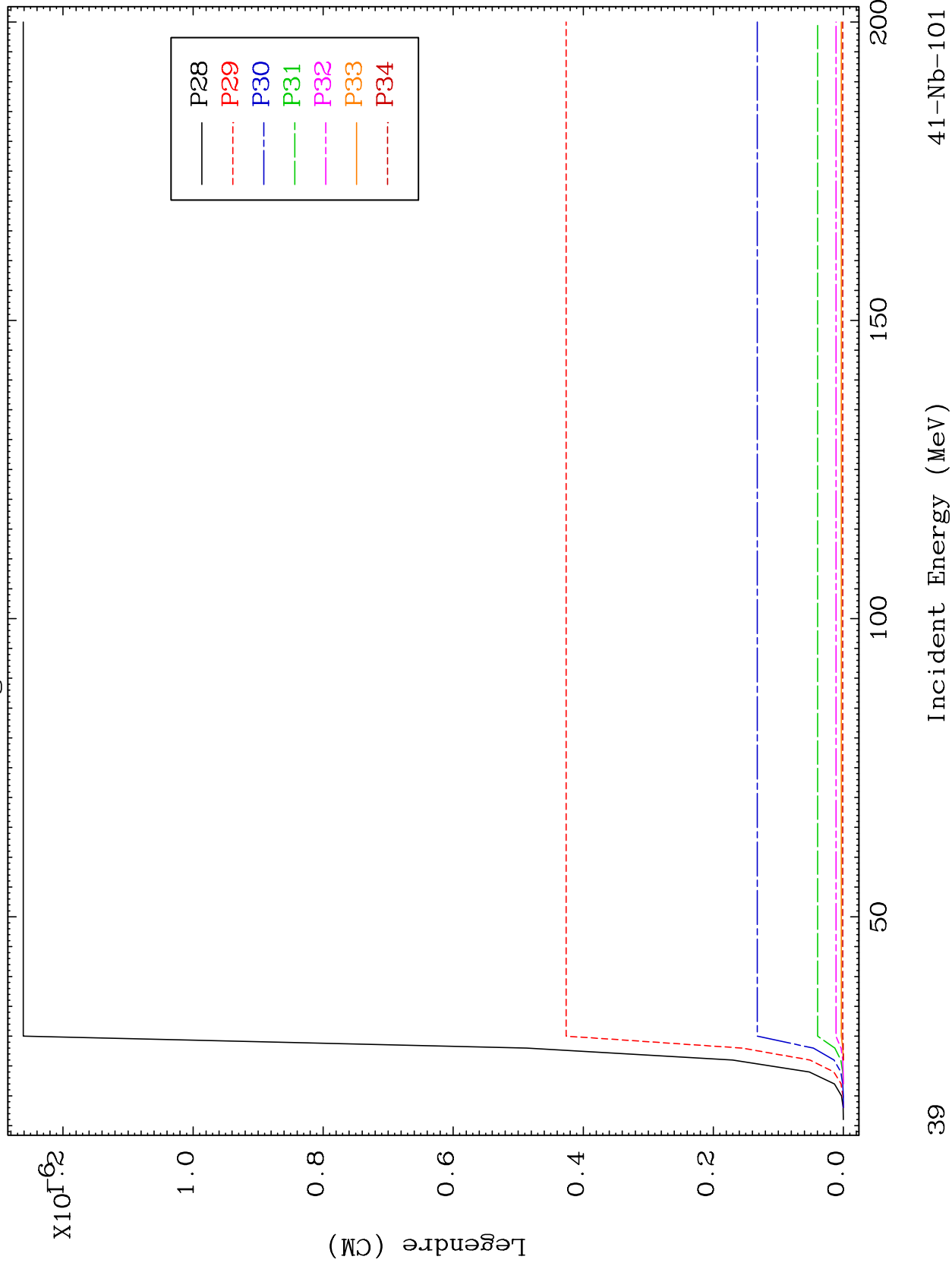
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101

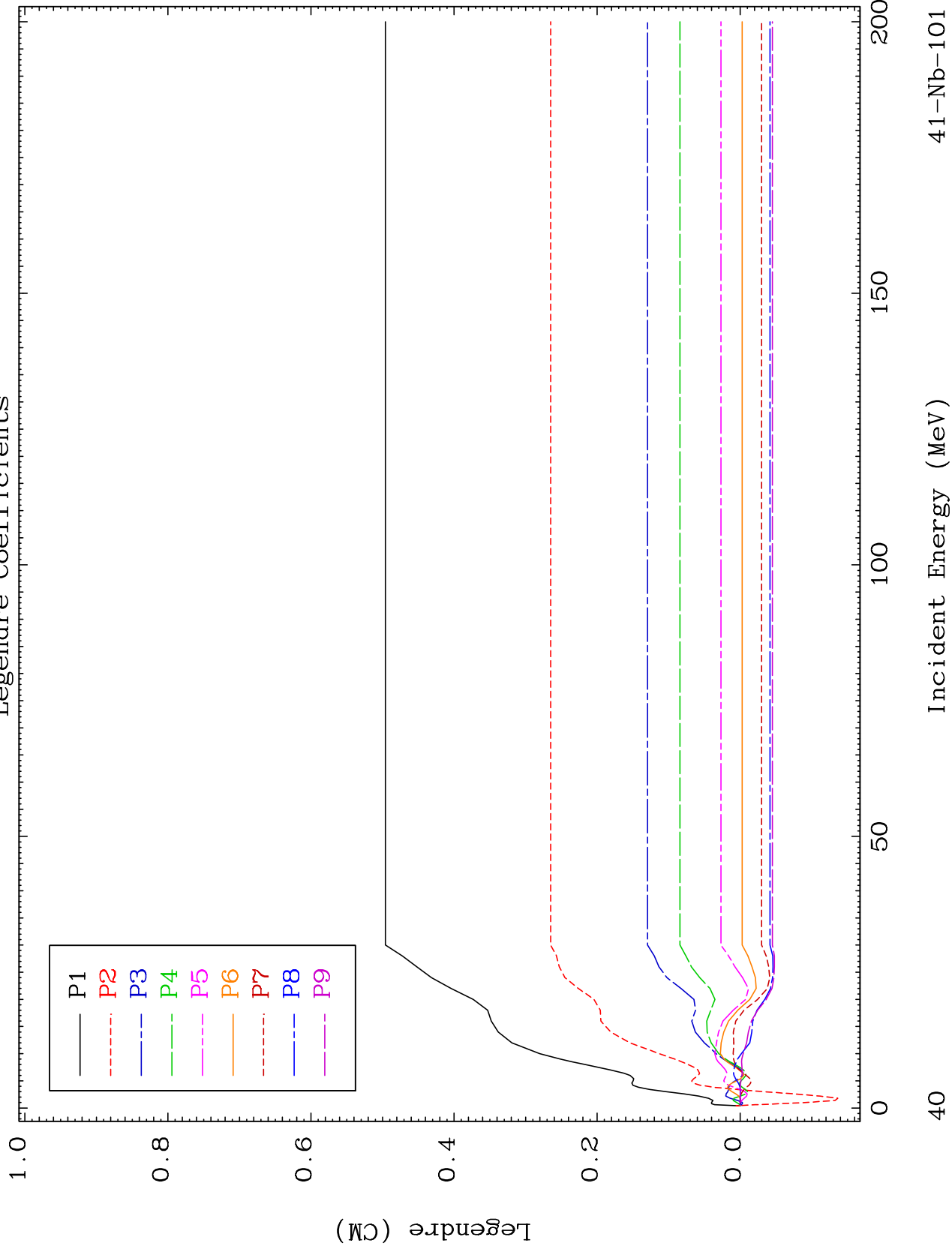


39

MAT 4149

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

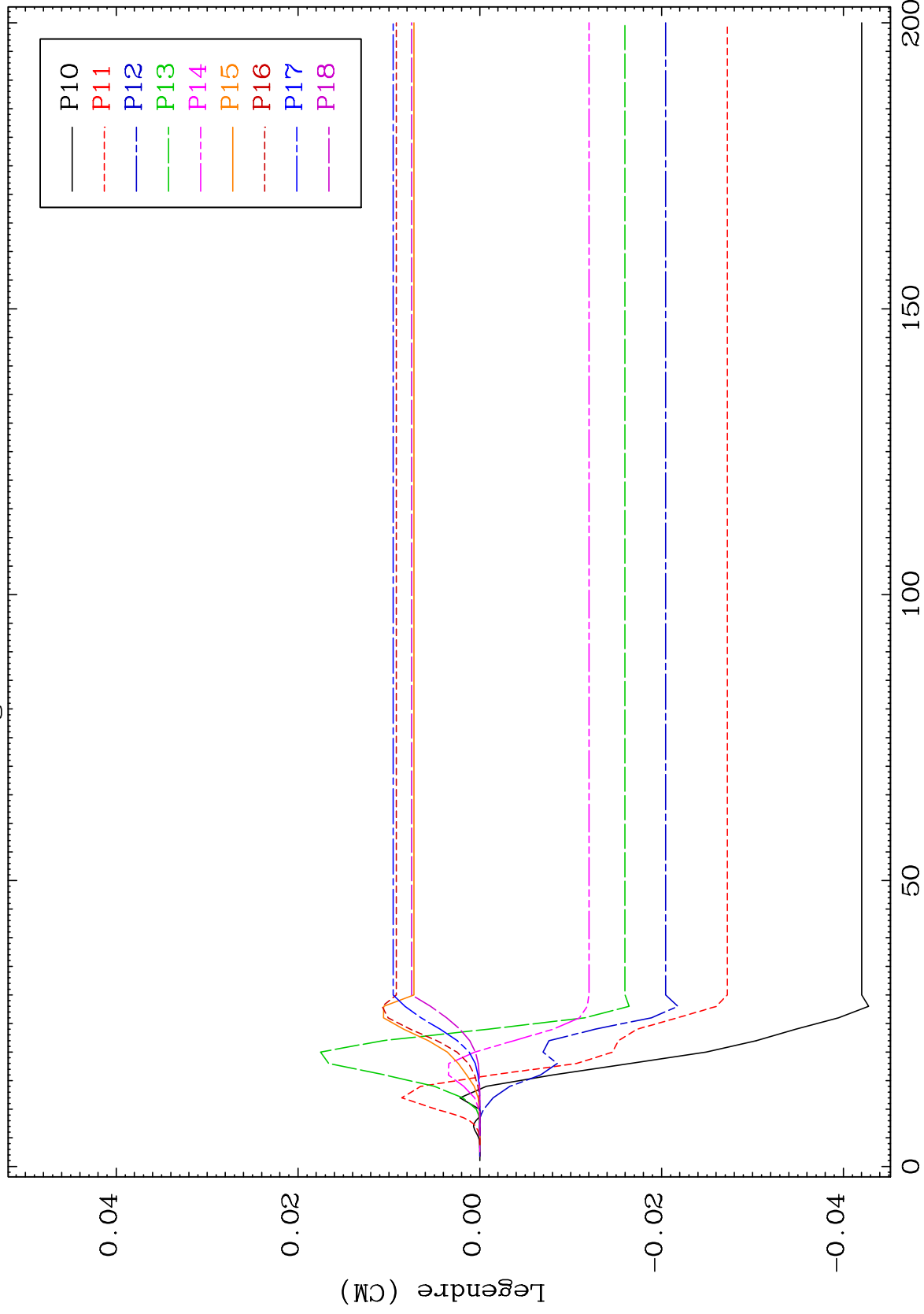
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MAT 4149

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

41-Nb-101



41

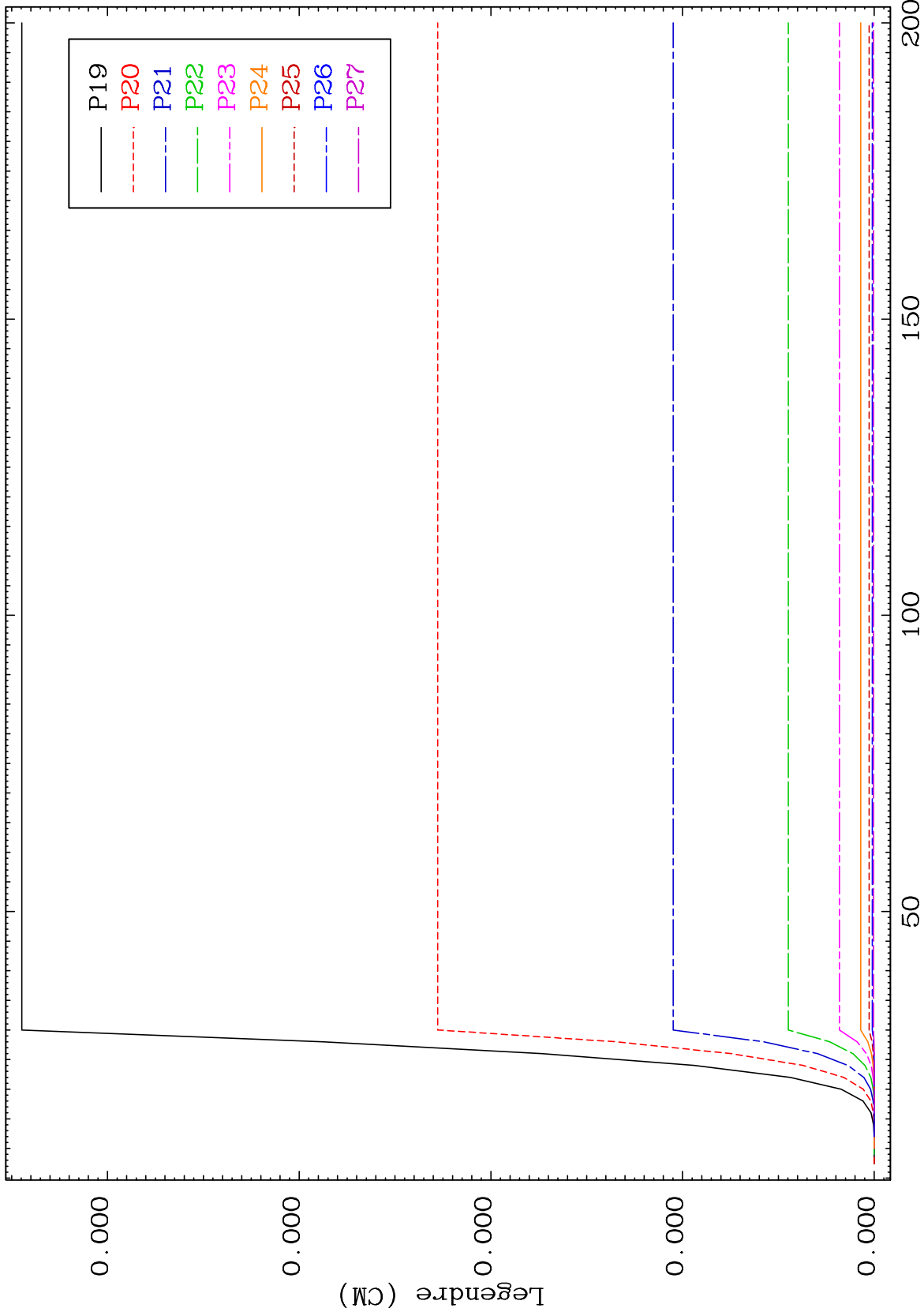
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



42

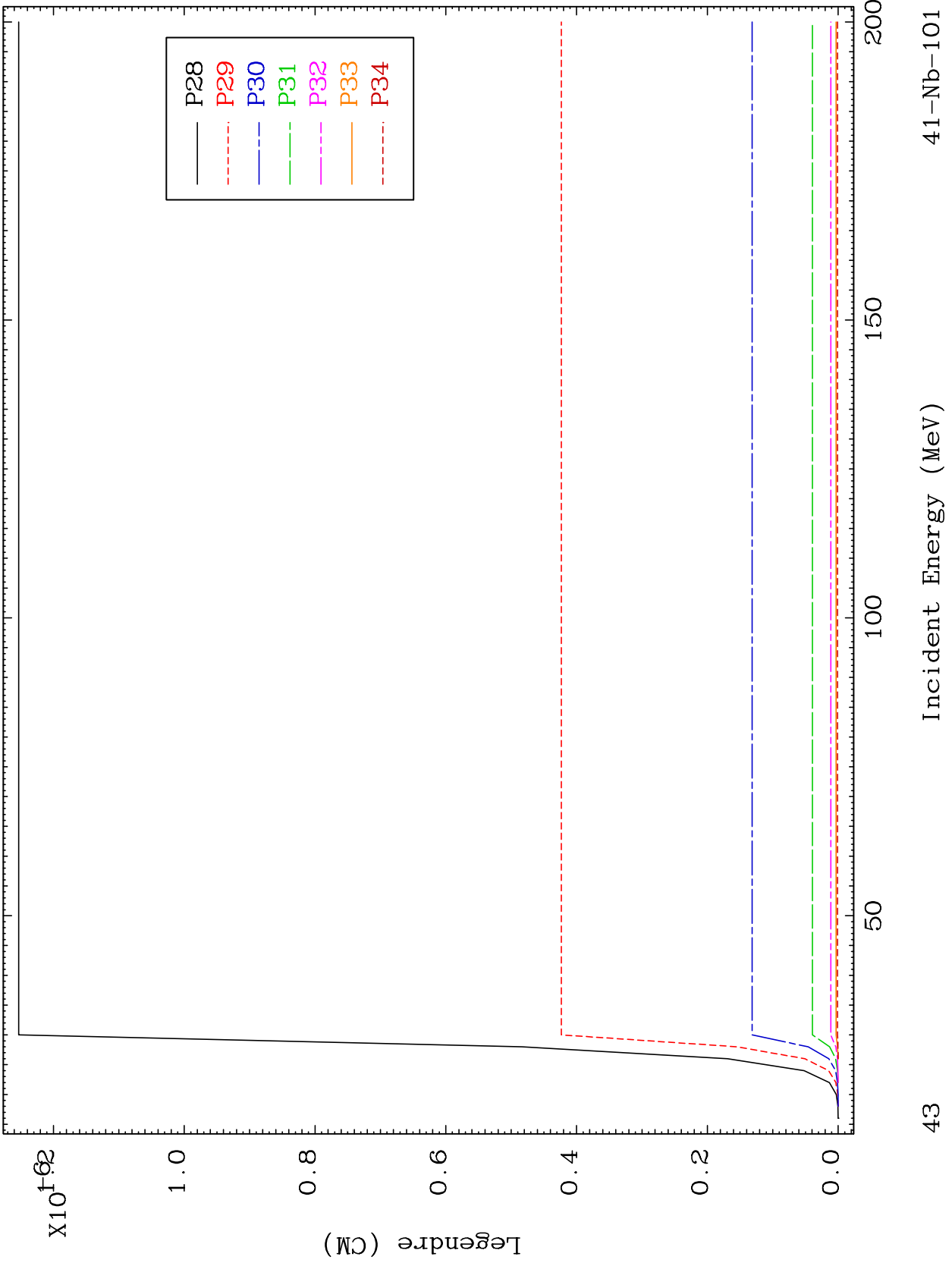
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



43

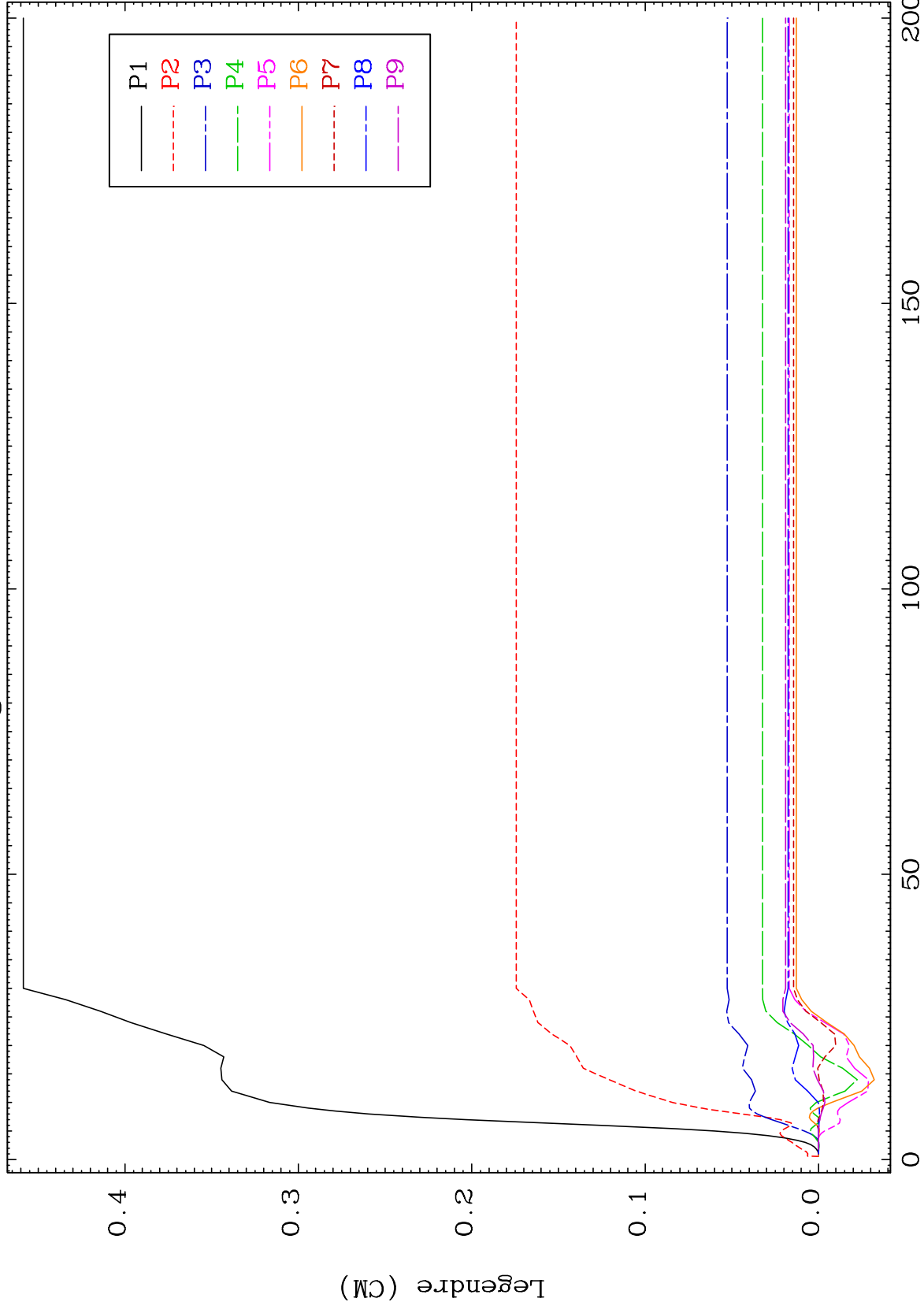
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



44

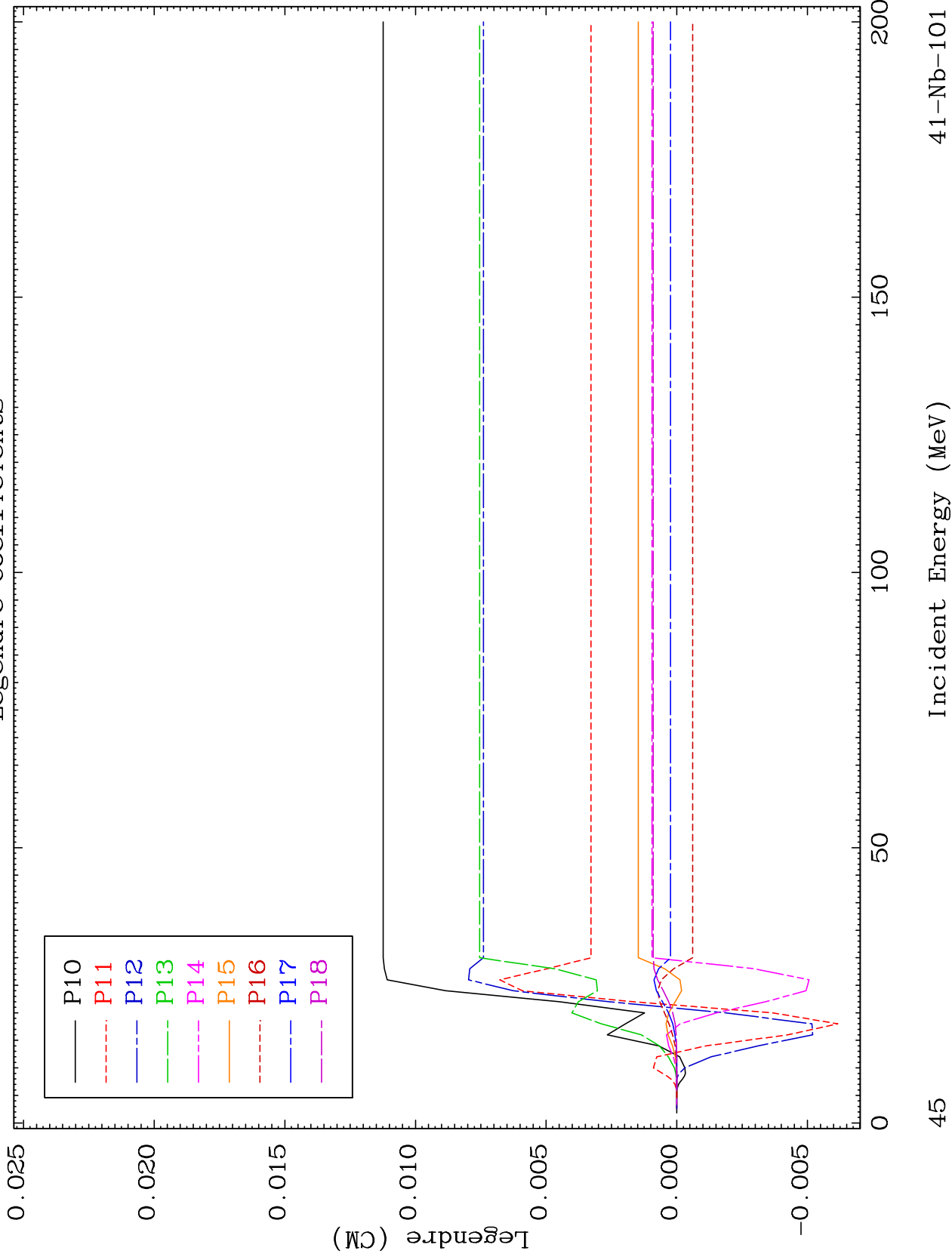
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



41-Nb-101

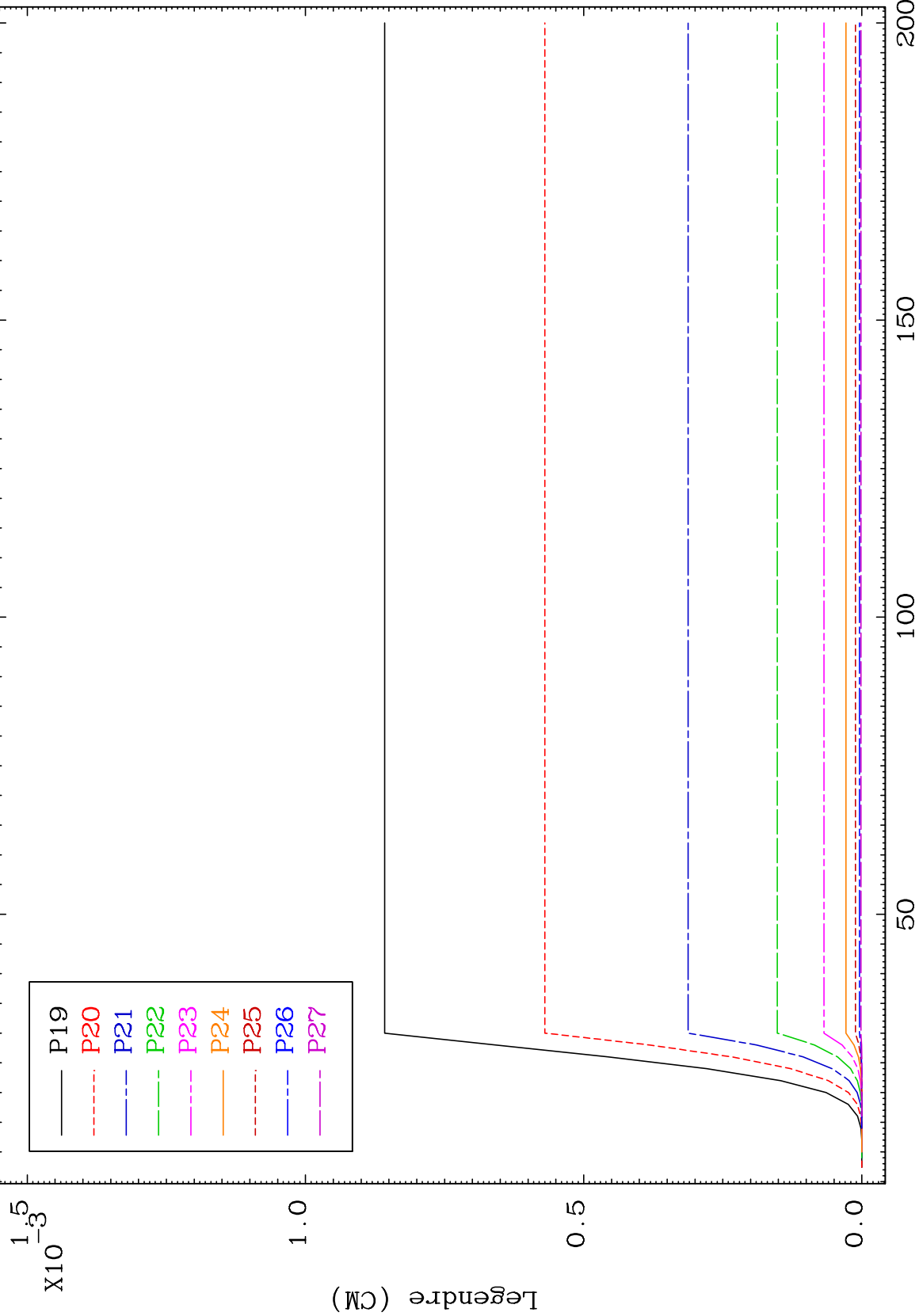
Incident Energy (MeV)

45

MAT 4149

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

41-Nb-101



46

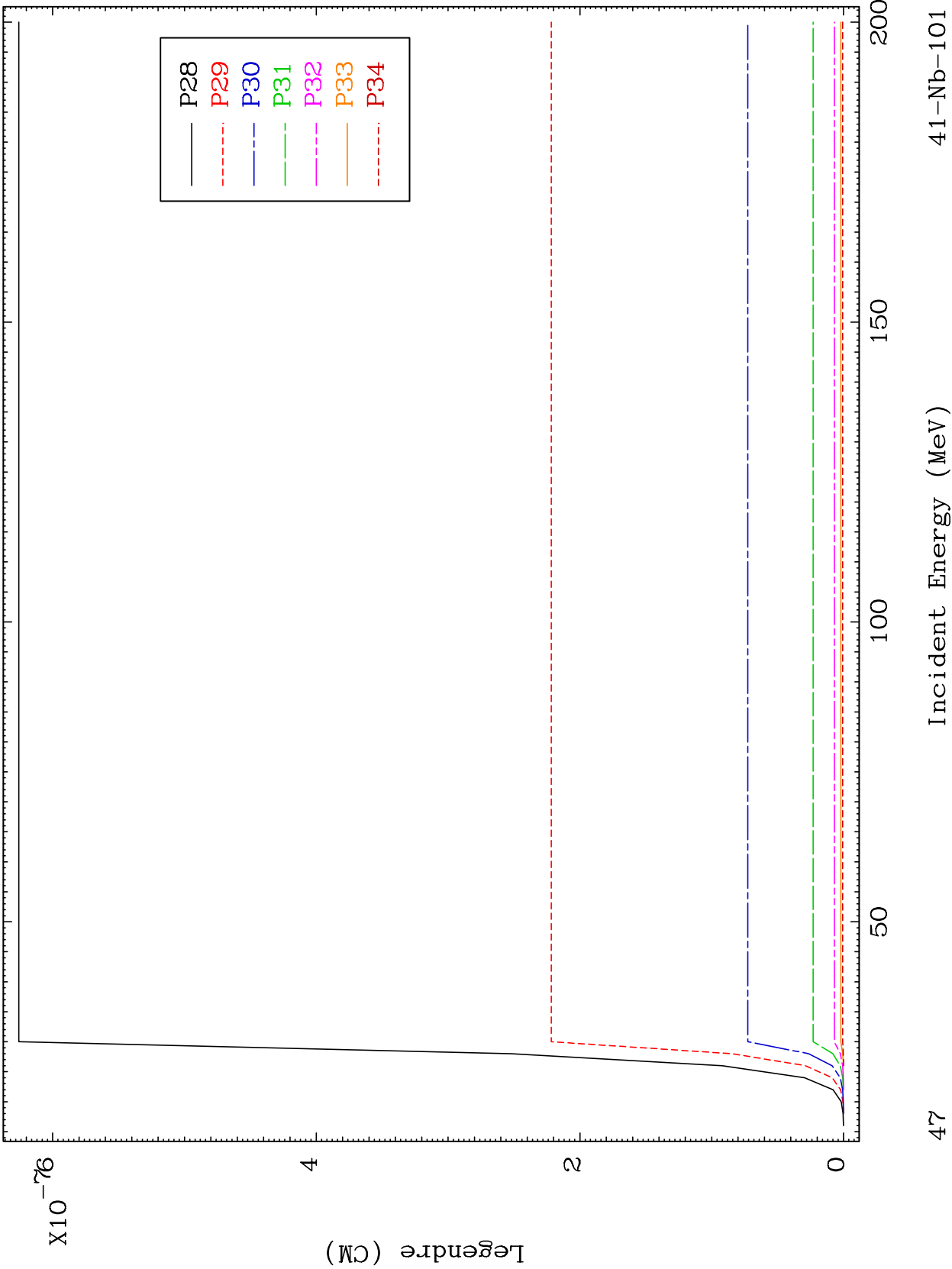
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



47

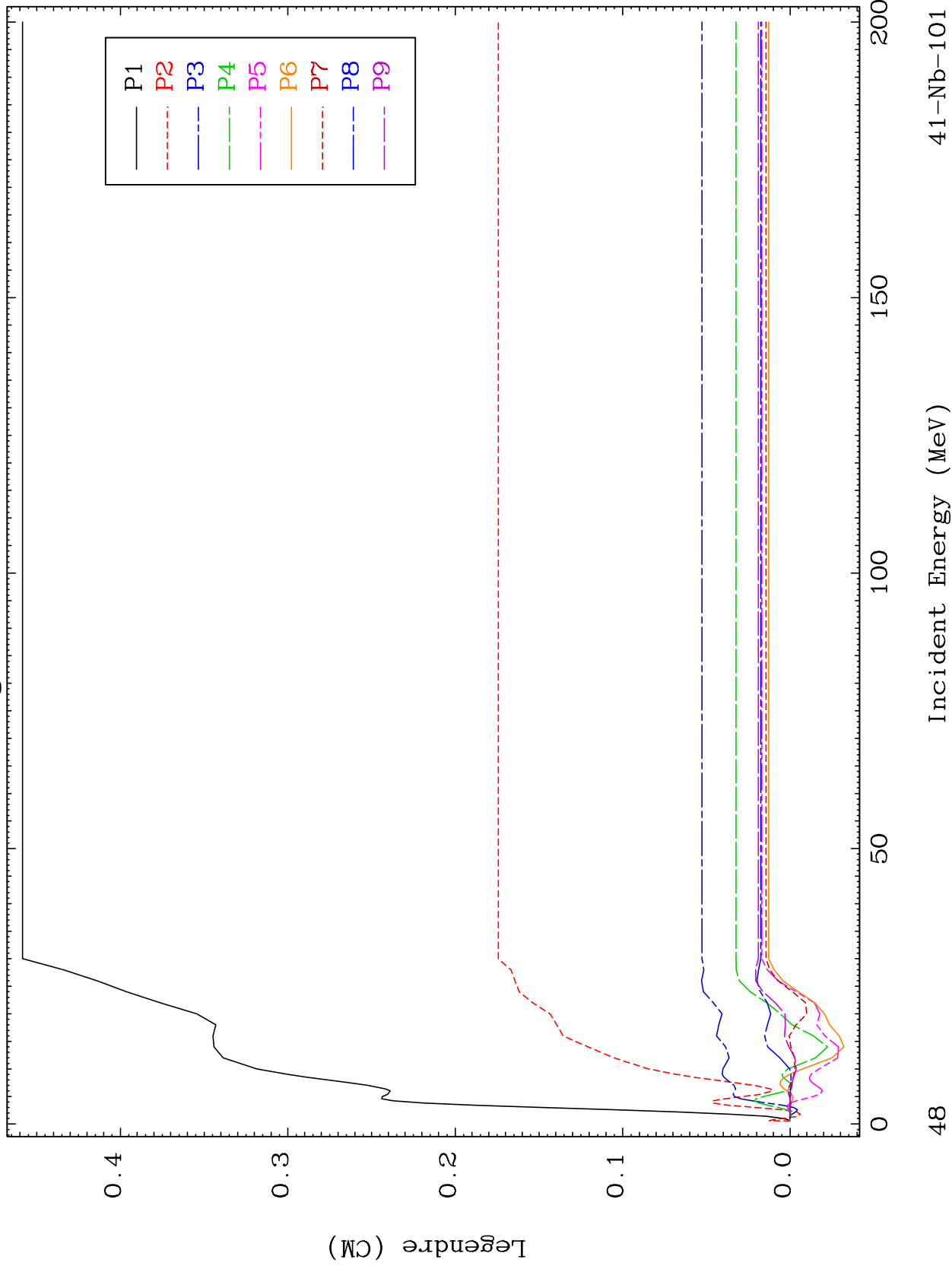
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



41-Nb-101

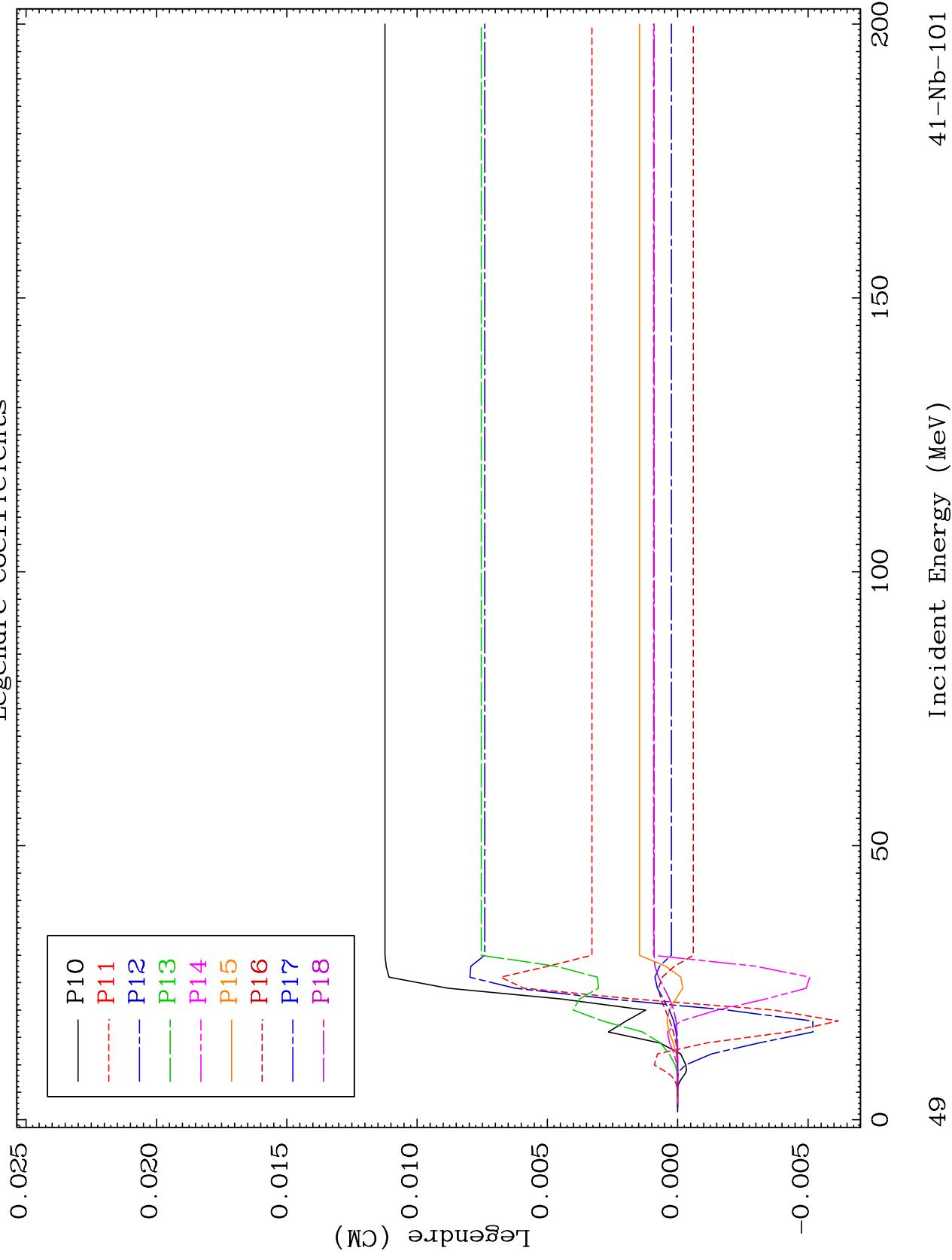
Incident Energy (MeV)

48

MAT 4149

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

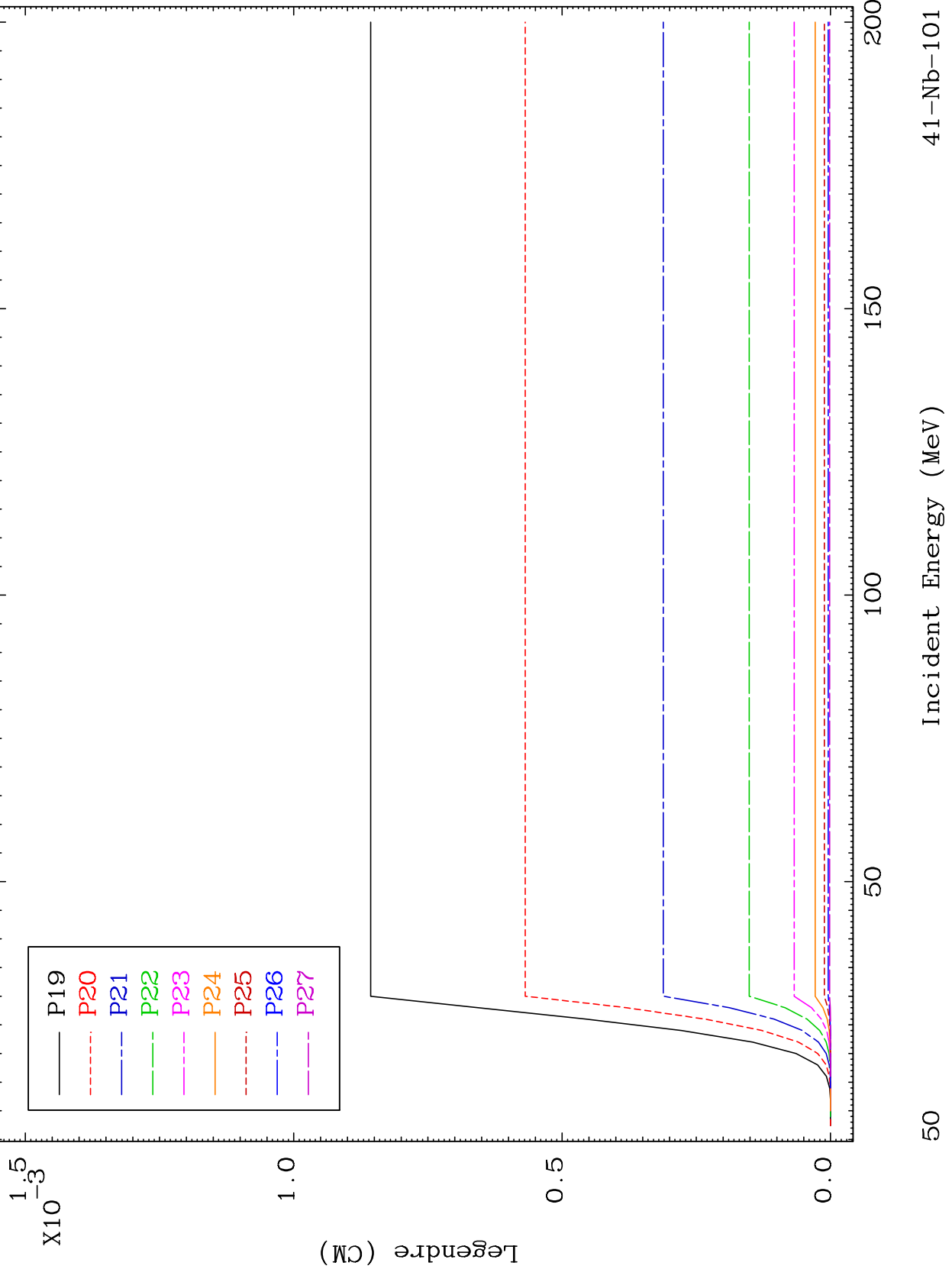
41-Nb-101



MAT 4149

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

41-Nb-101



41-Nb-101

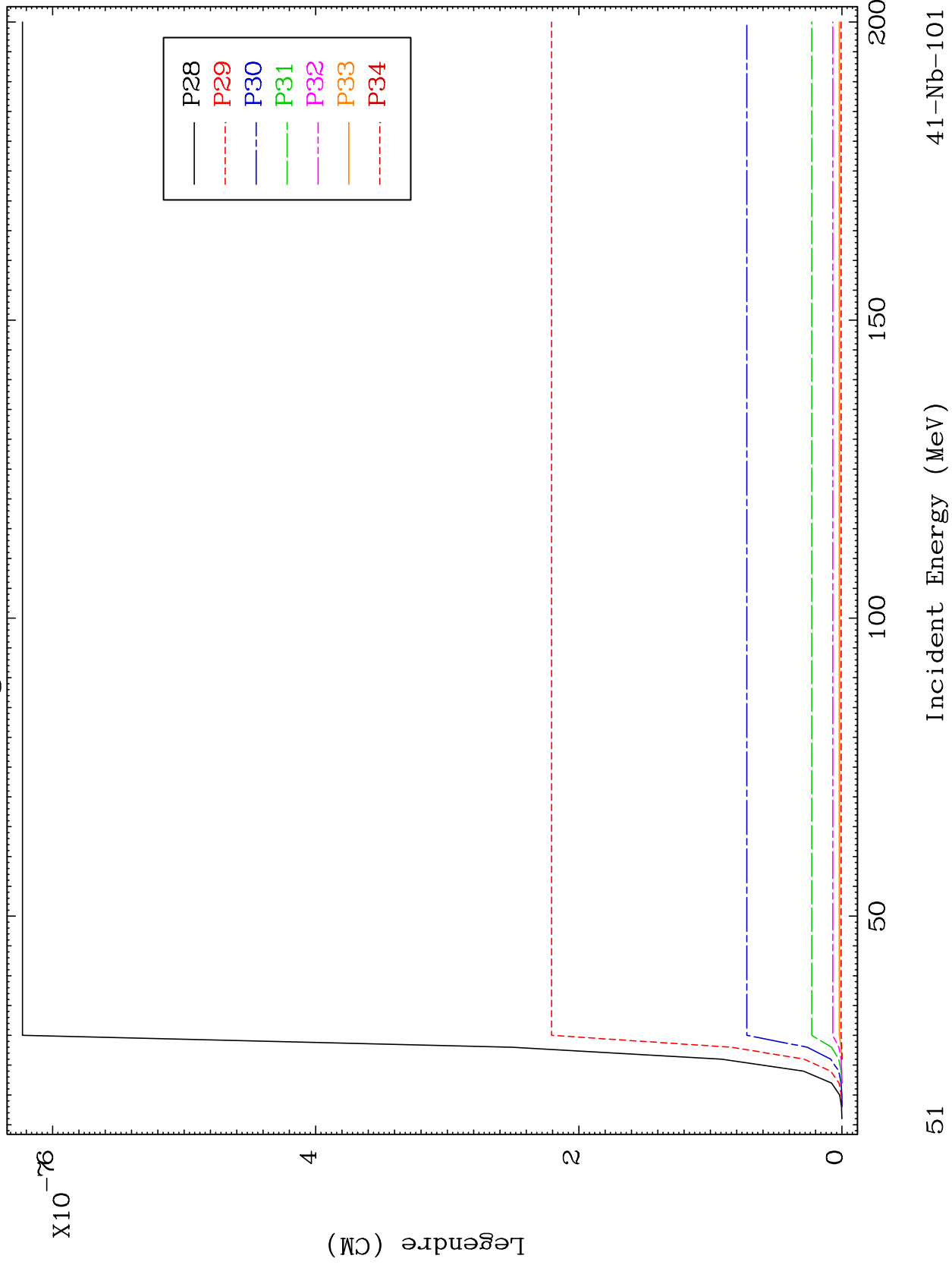
Incident Energy (MeV)

50

MAT 4149

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

41-Nb-101



51

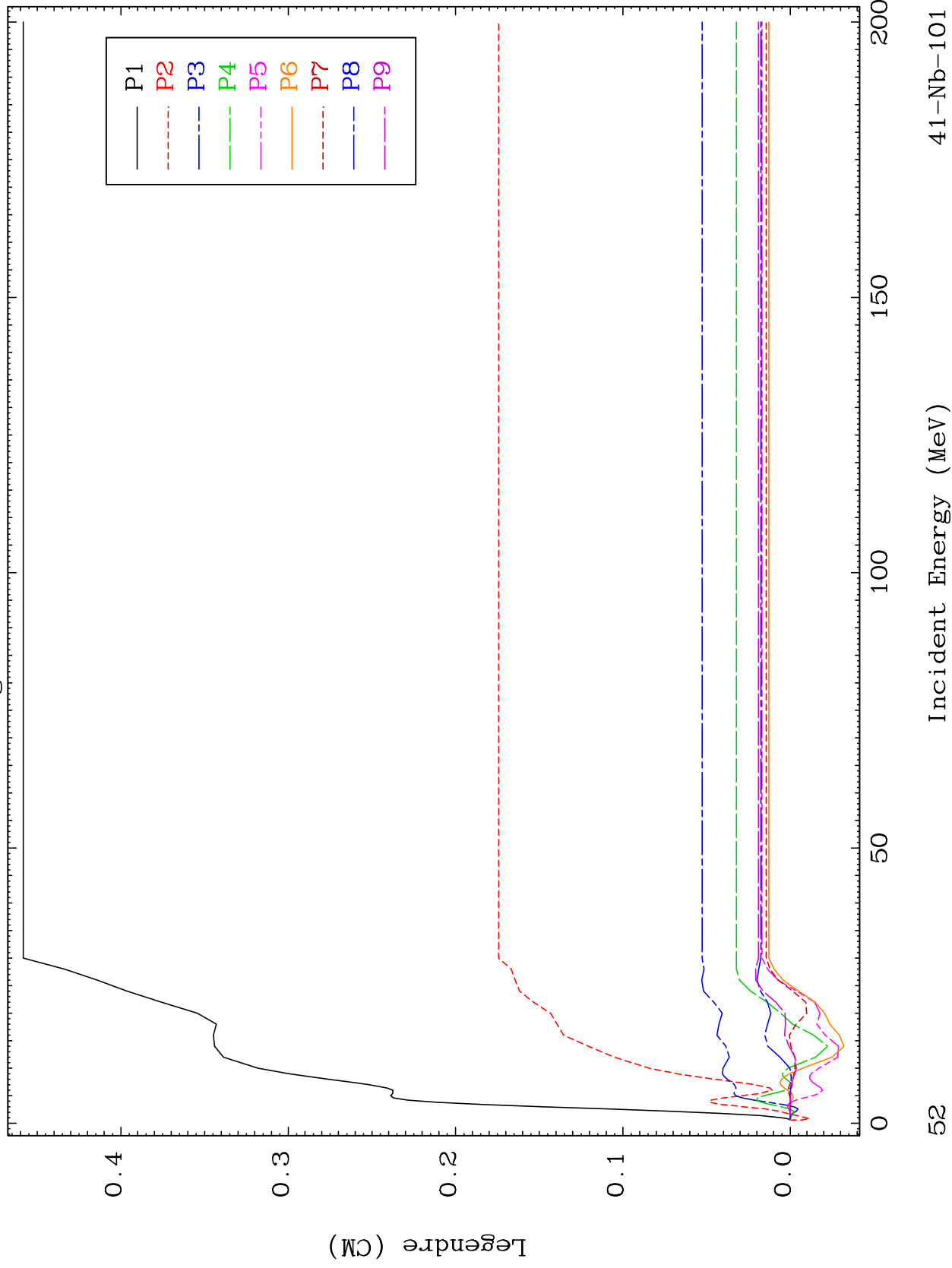
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



41-Nb-101

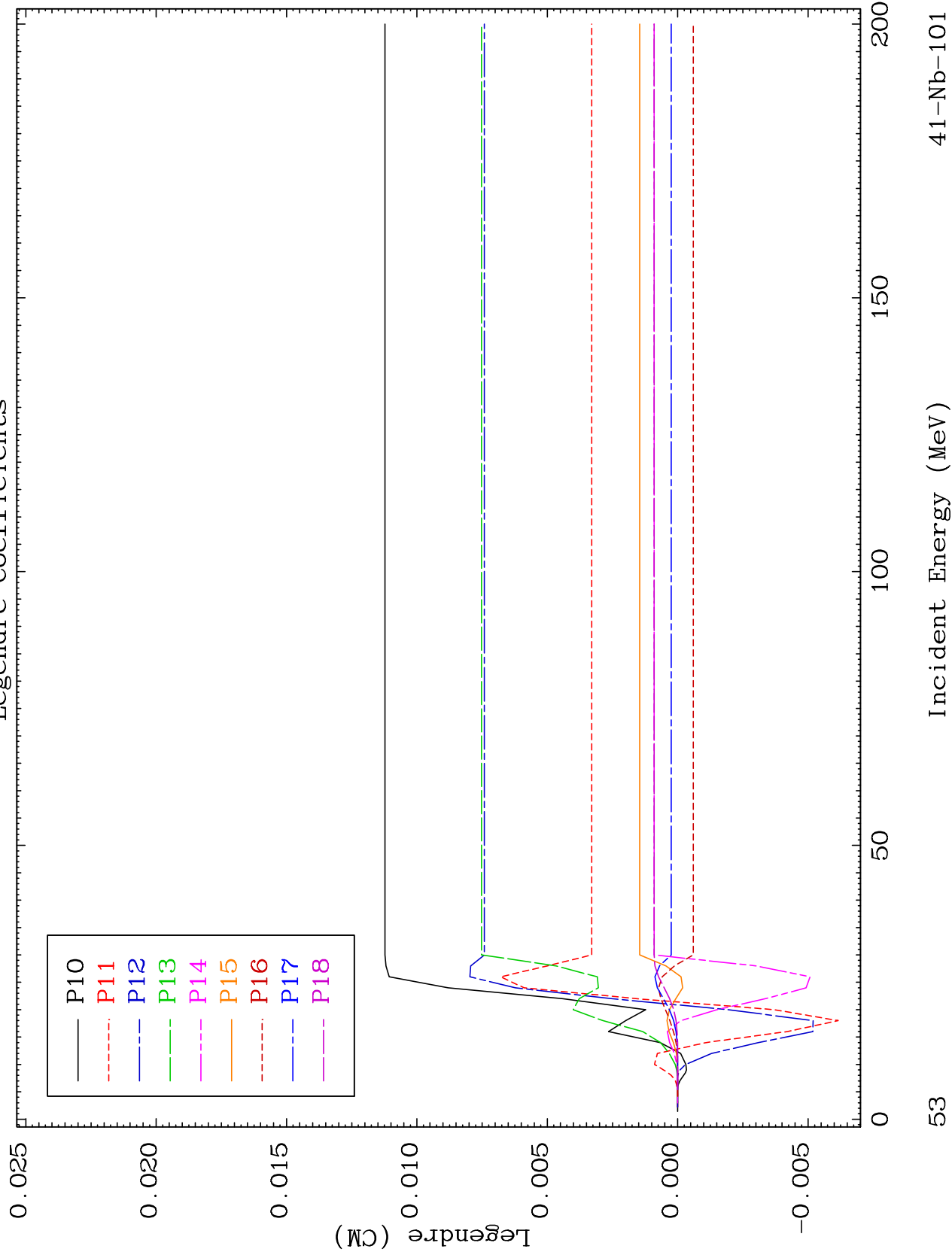
Incident Energy (MeV)

52

MAT 4149

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

41-Nb-101



41-Nb-101

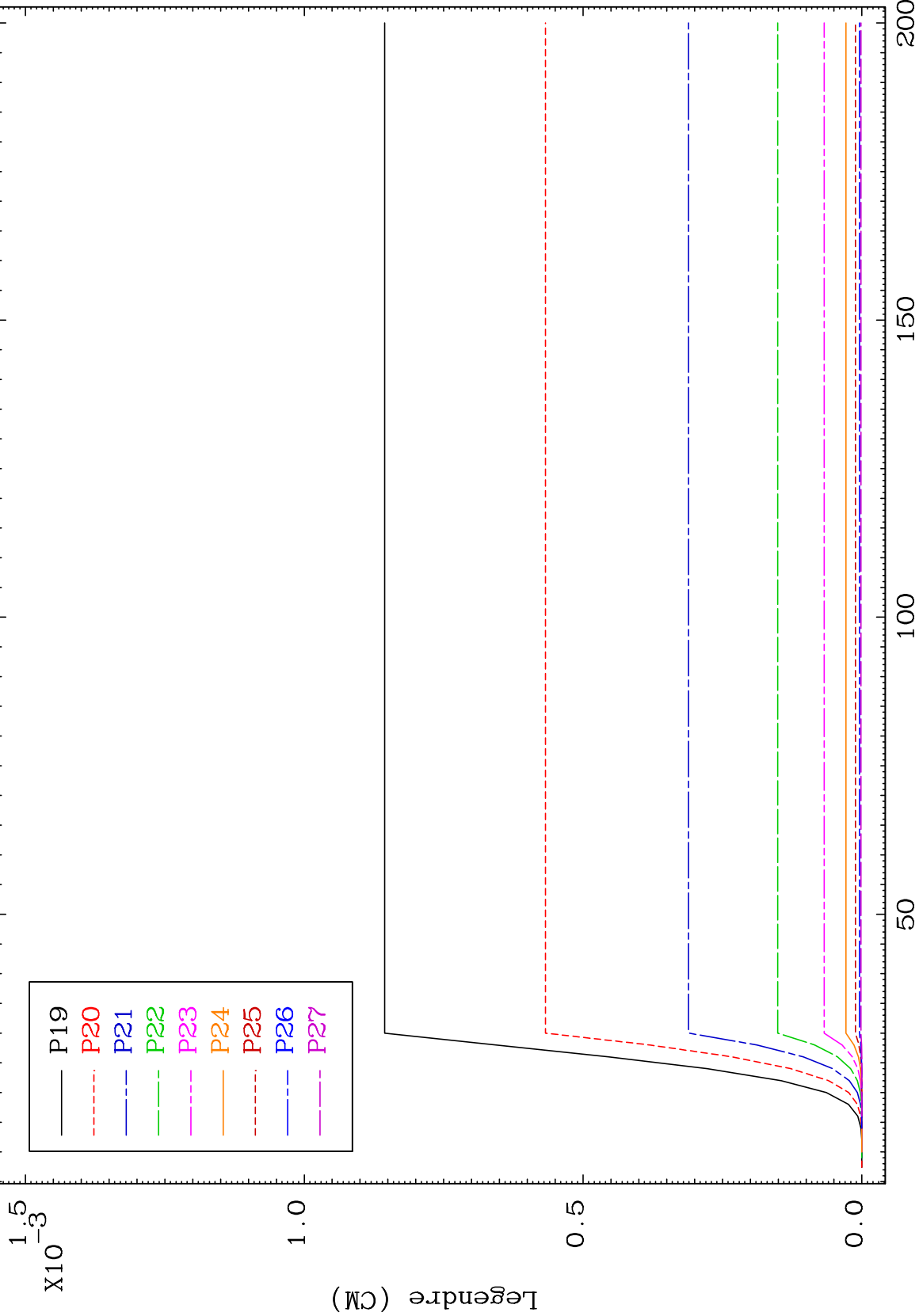
Incident Energy (MeV)

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MAT 4149

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

41-Nb-101



54

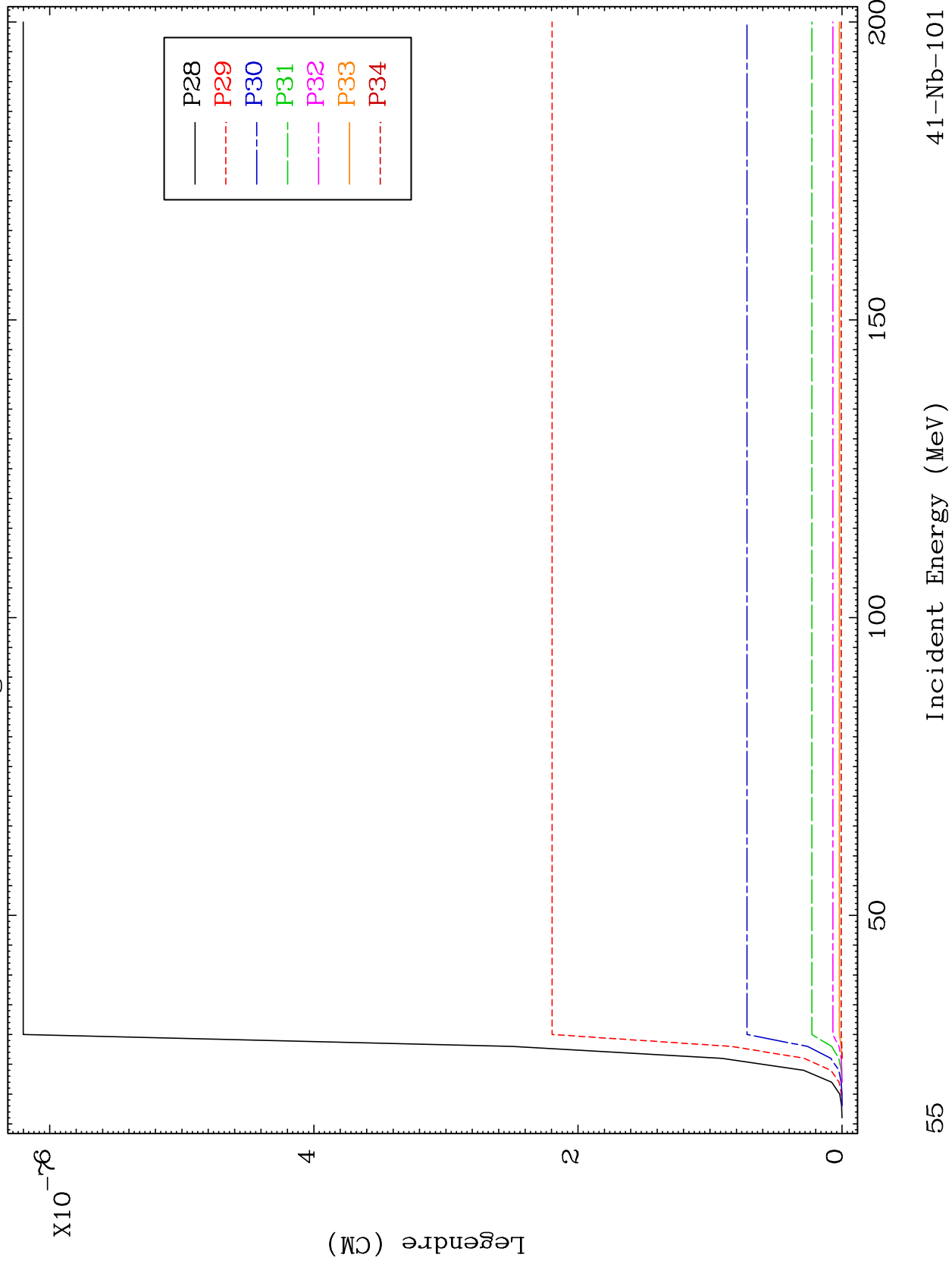
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



41-Nb-101

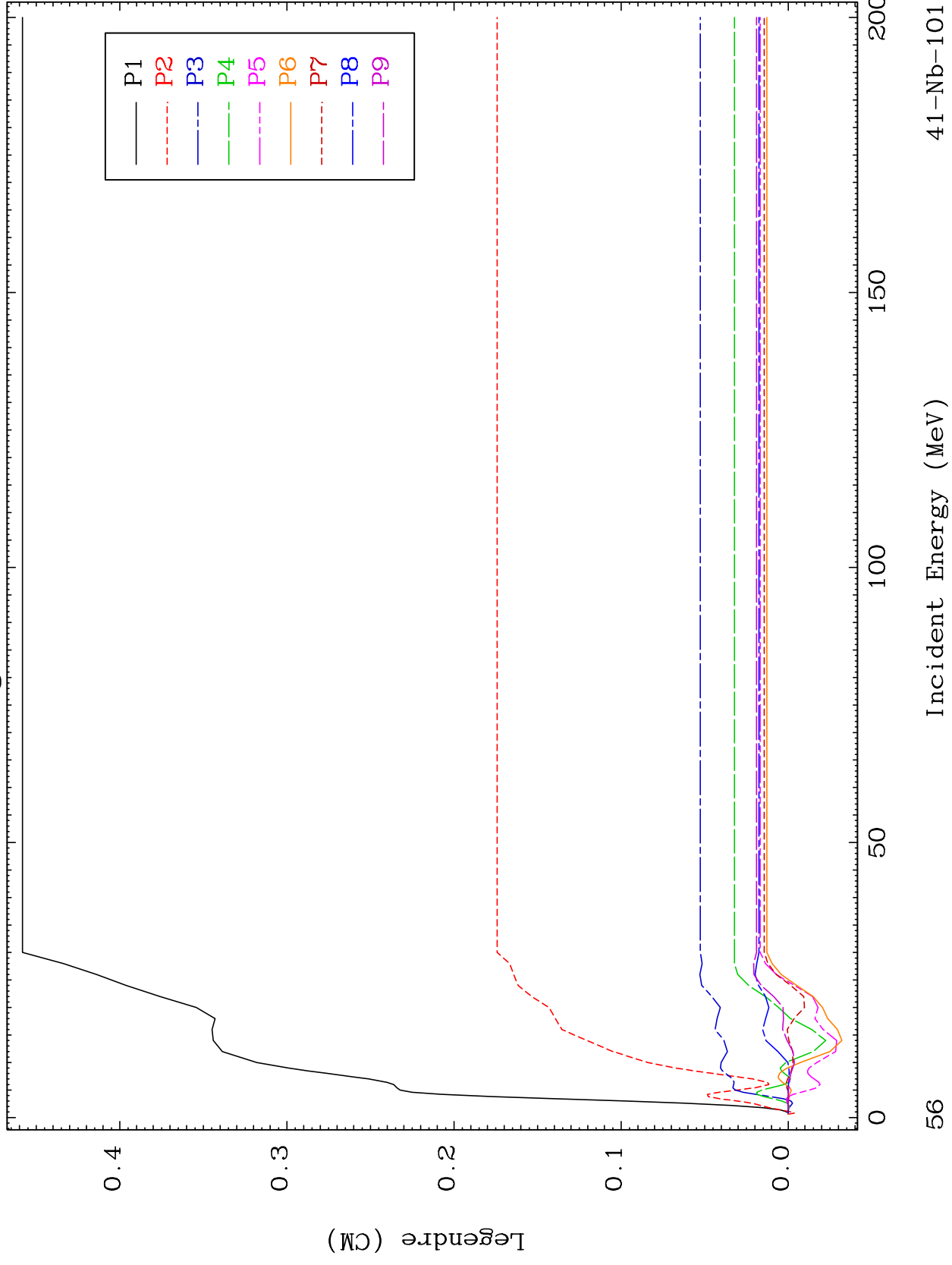
Incident Energy (MeV)

55

MAT 4149

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

41-Nb-101



41-Nb-101

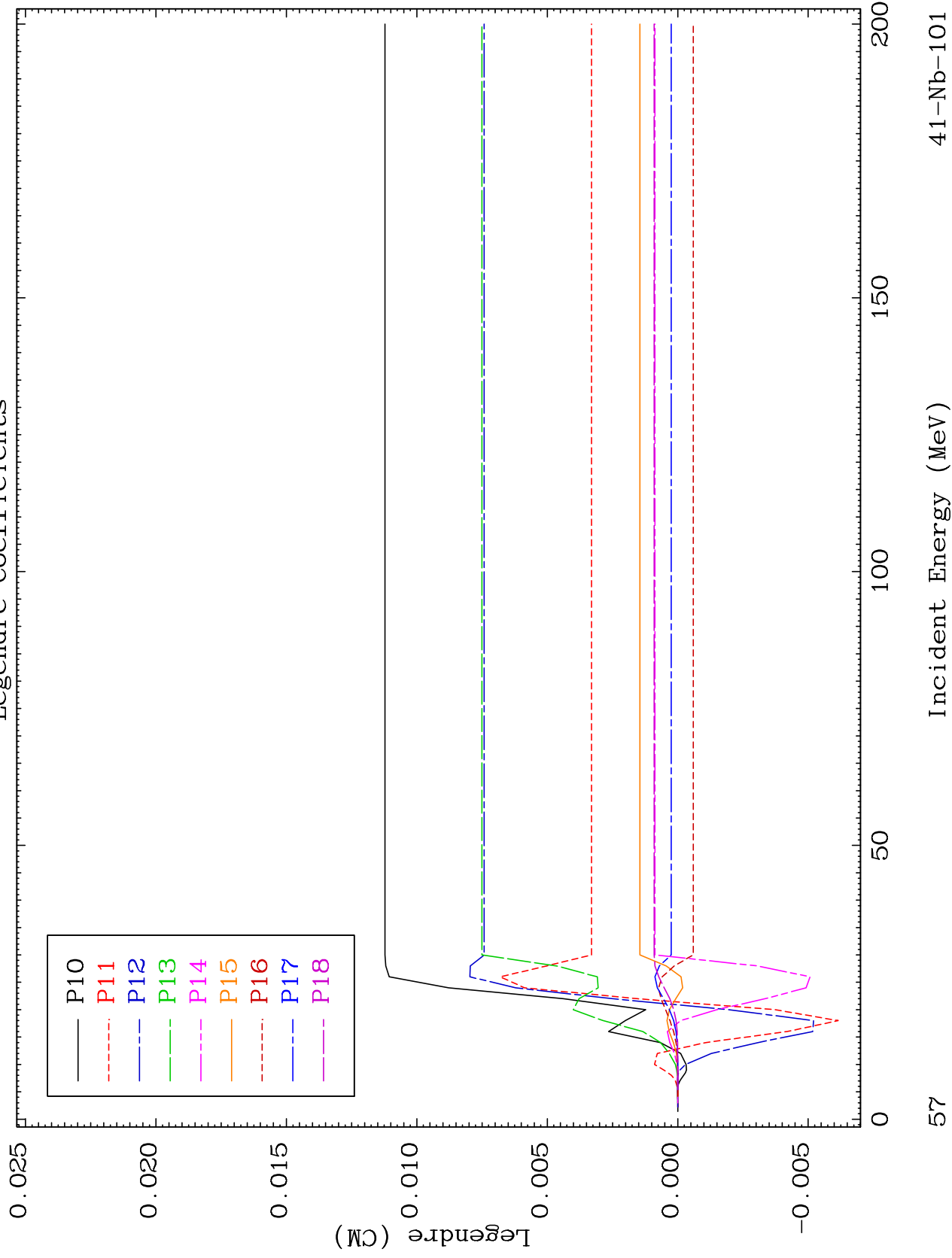
Incident Energy (MeV)

56

MAT 4149

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

41-Nb-101



57

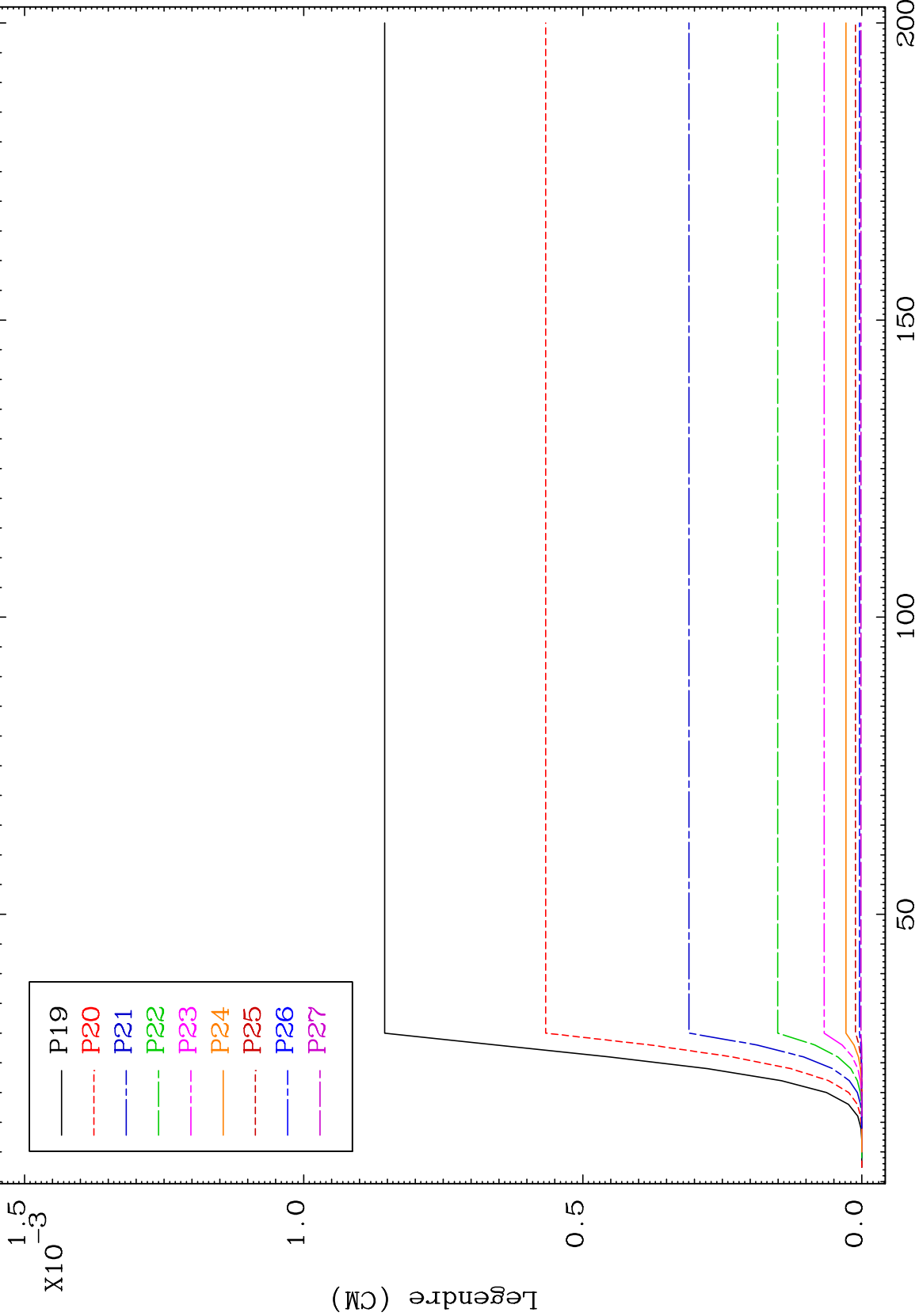
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



58

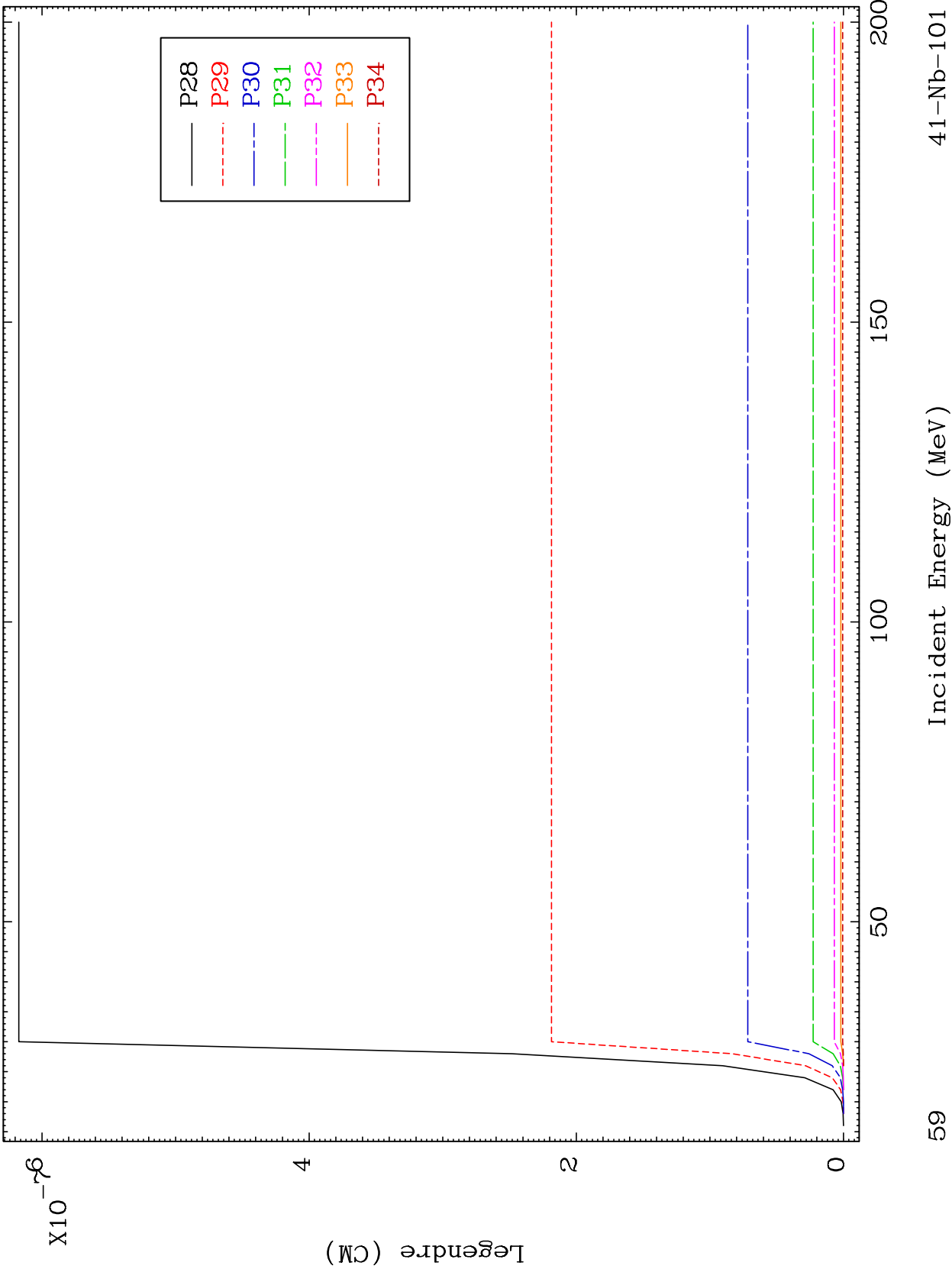
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

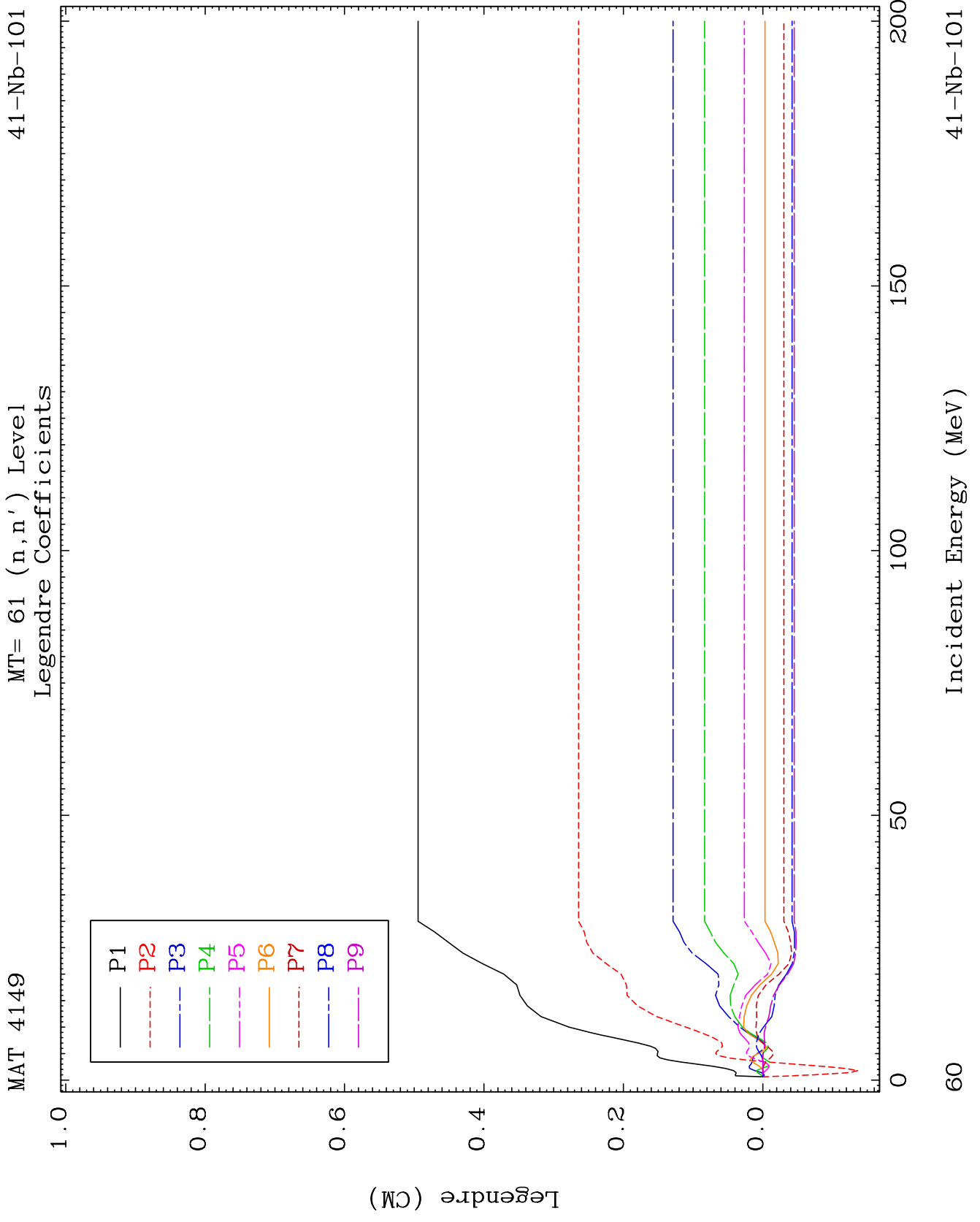
41-Nb-101



59

Incident Energy (MeV)

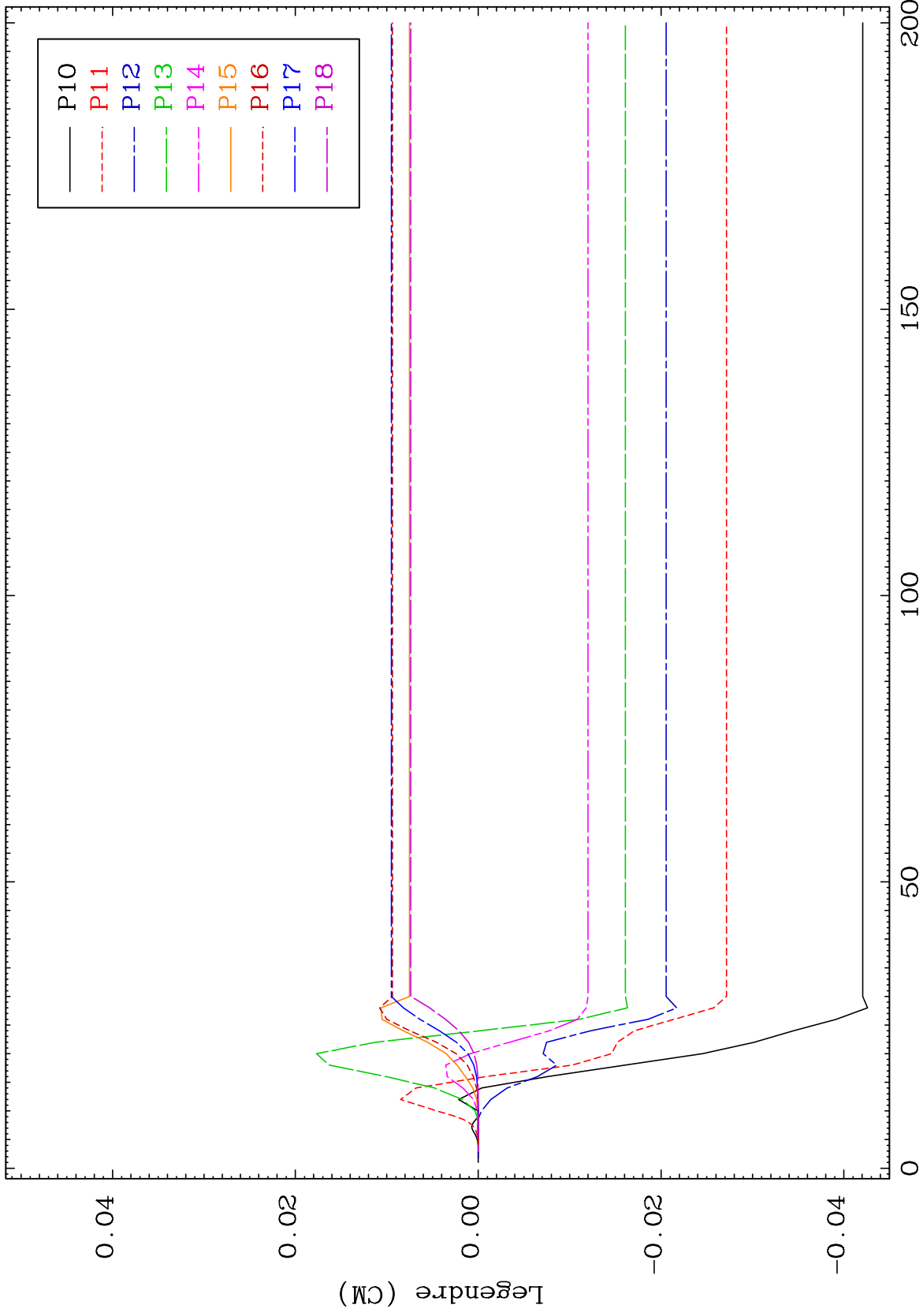
41-Nb-101



MAT 4149

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

41-Nb-101



61

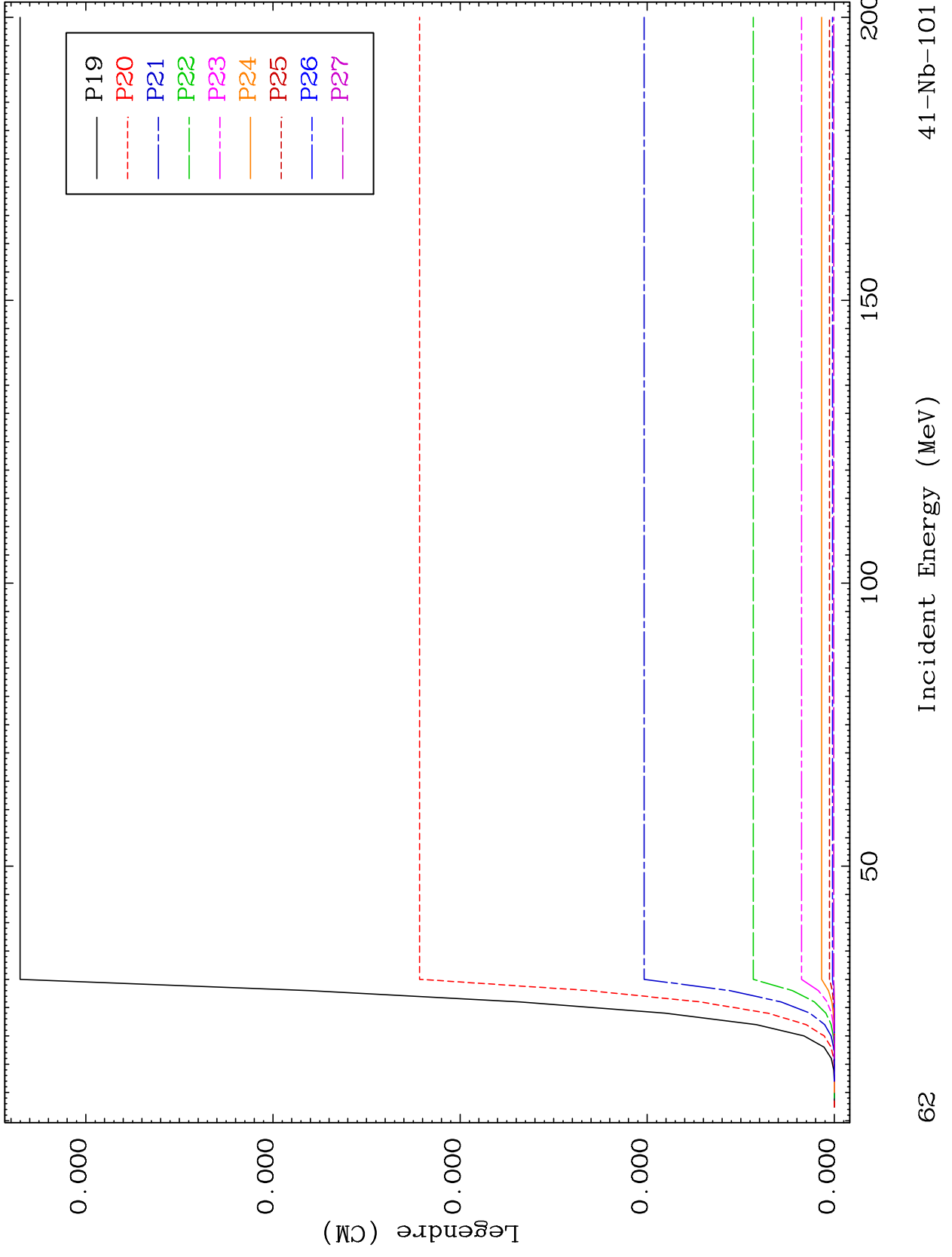
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



62

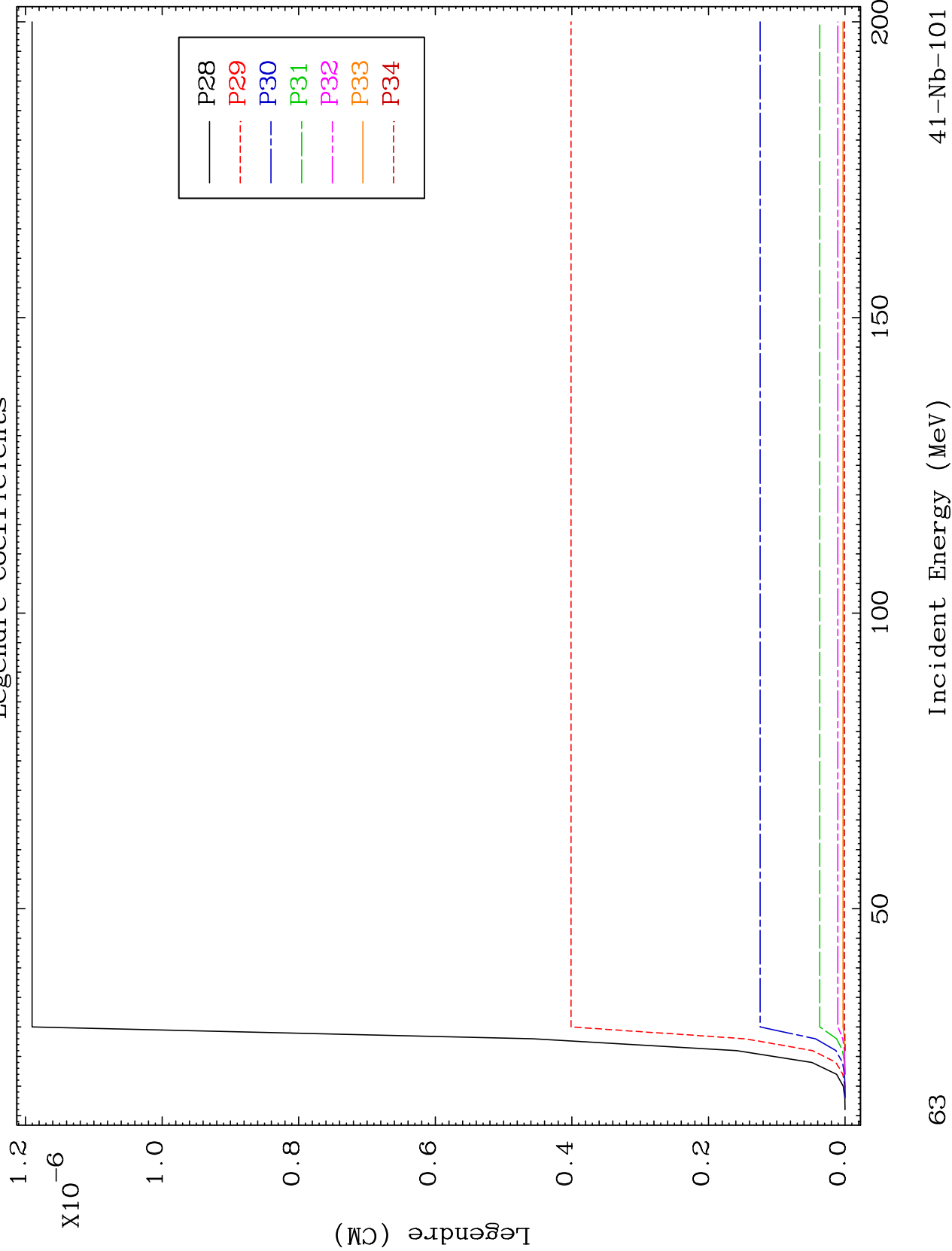
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101

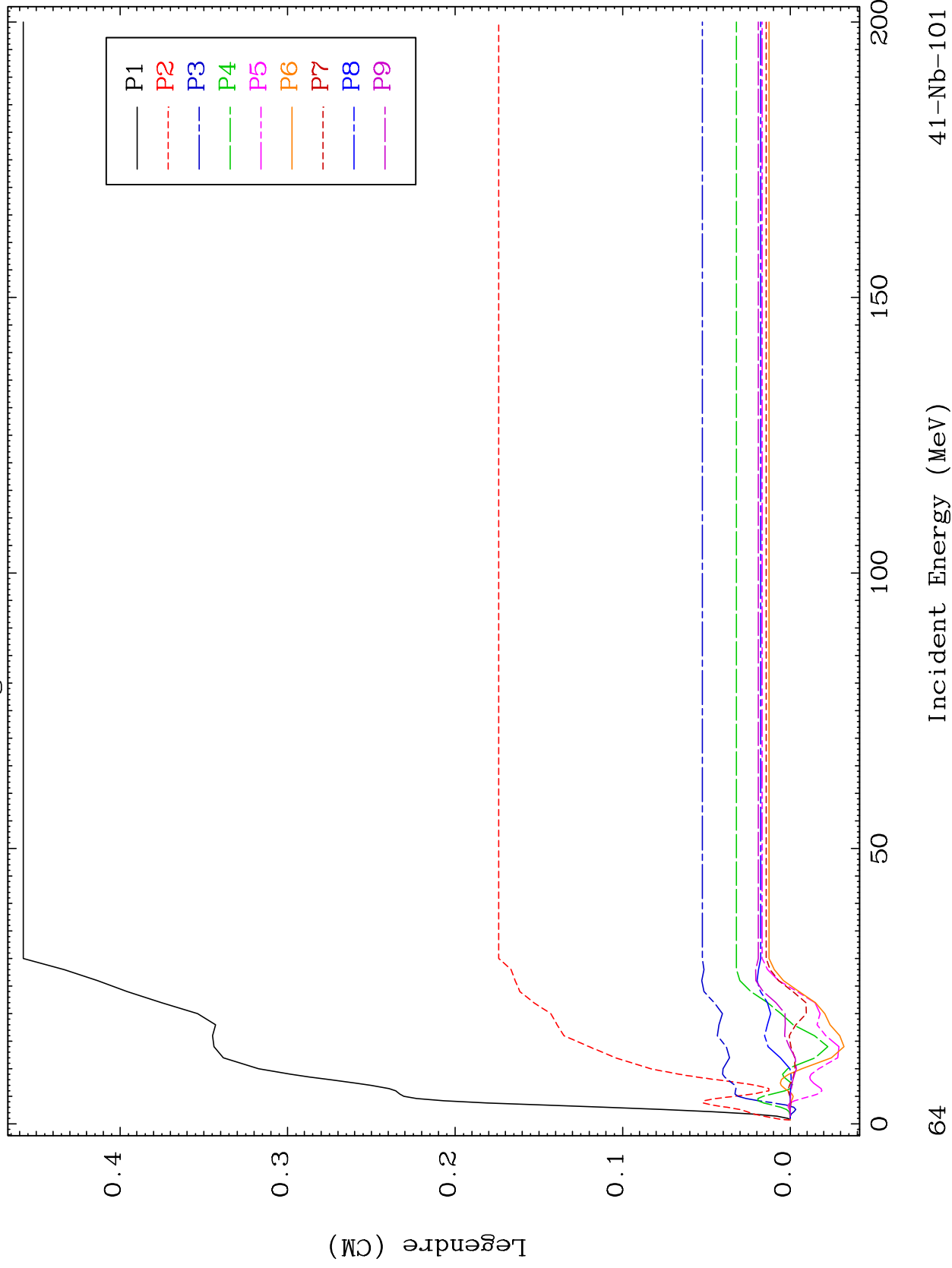


63

MAT 4149

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

41-Nb-101



41-Nb-101

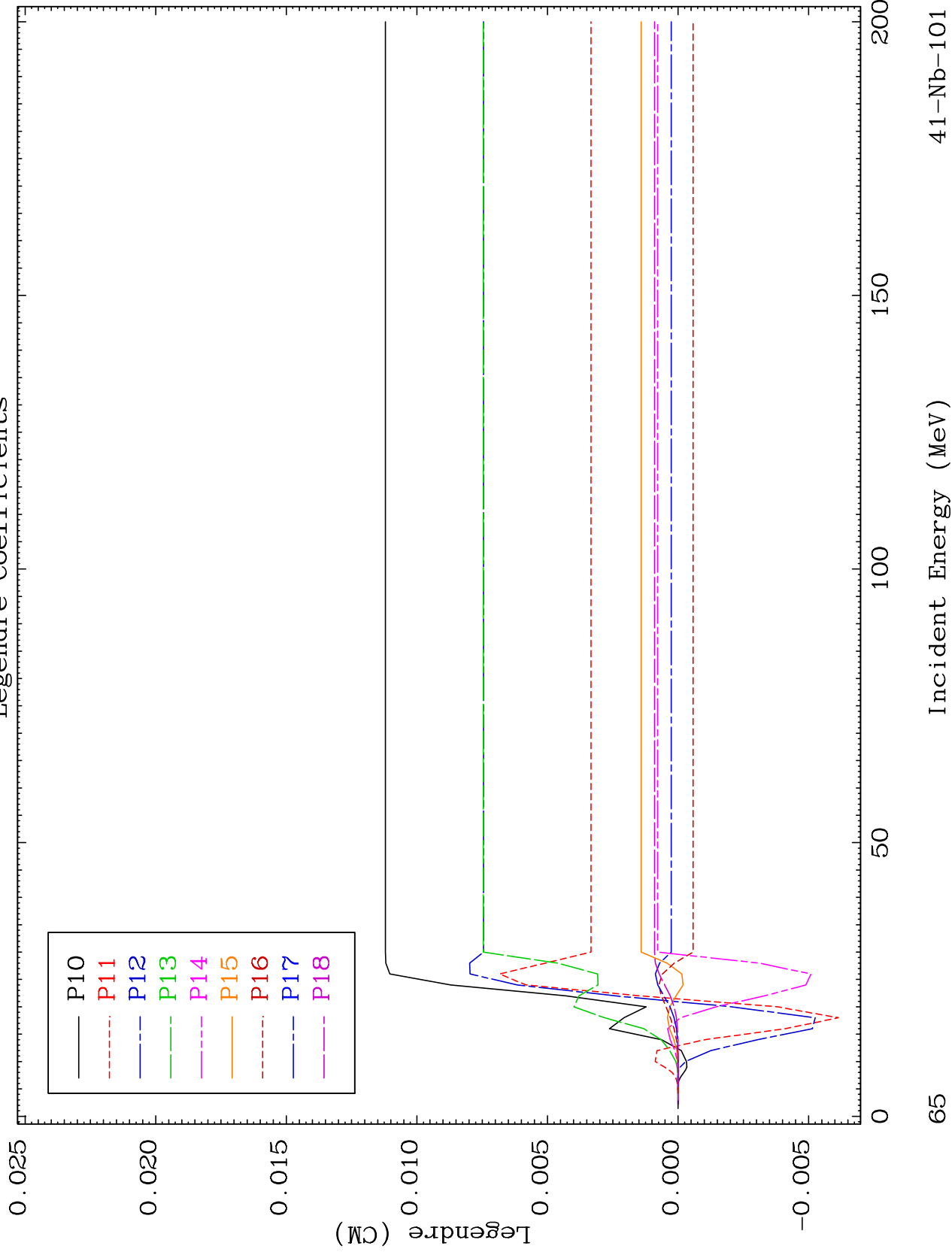
Incident Energy (MeV)

64

MAT 4149

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

41-Nb-101



41-Nb-101

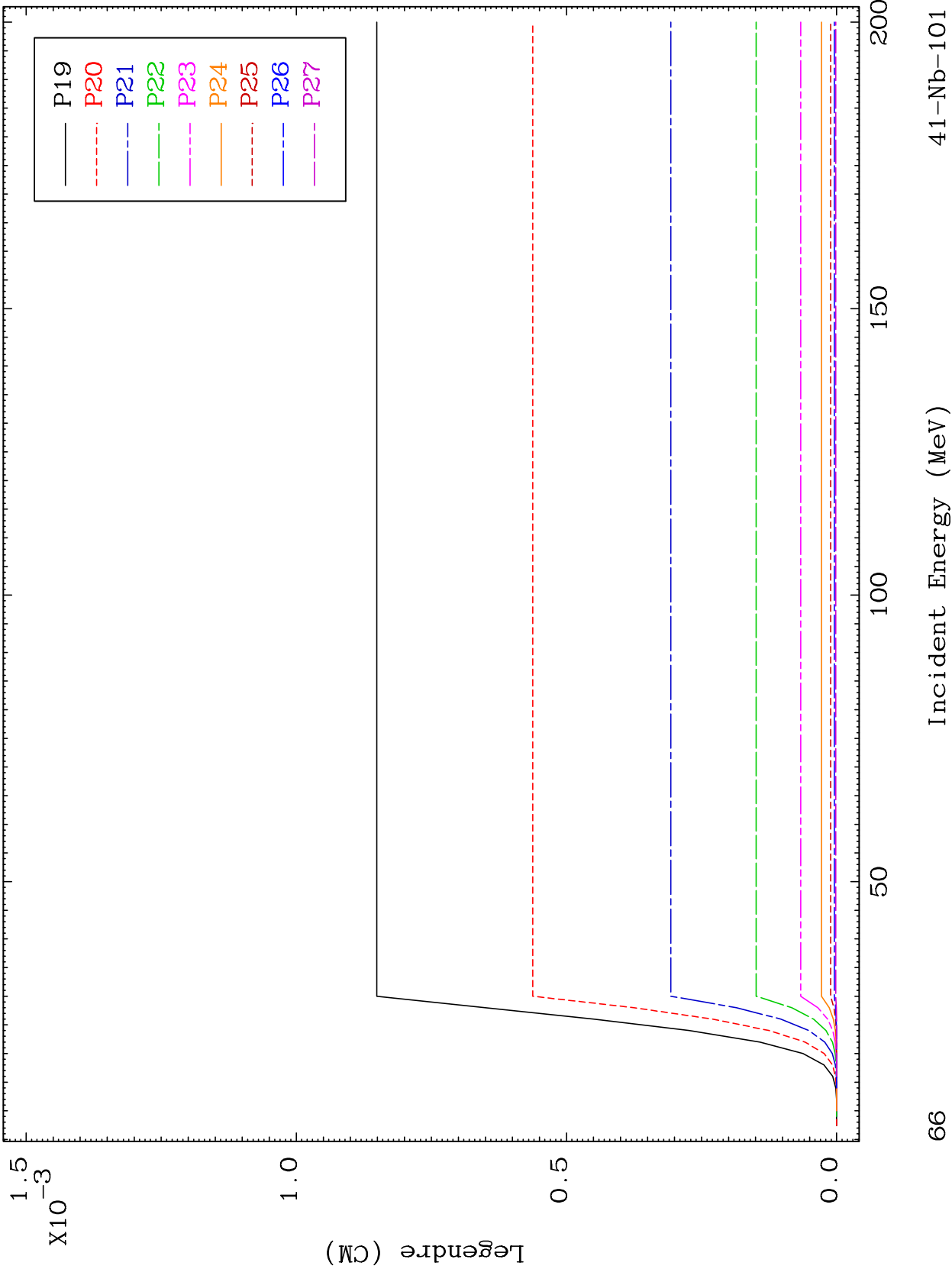
Incident Energy (MeV)

65

MAT 4149

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

41-Nb-101



66

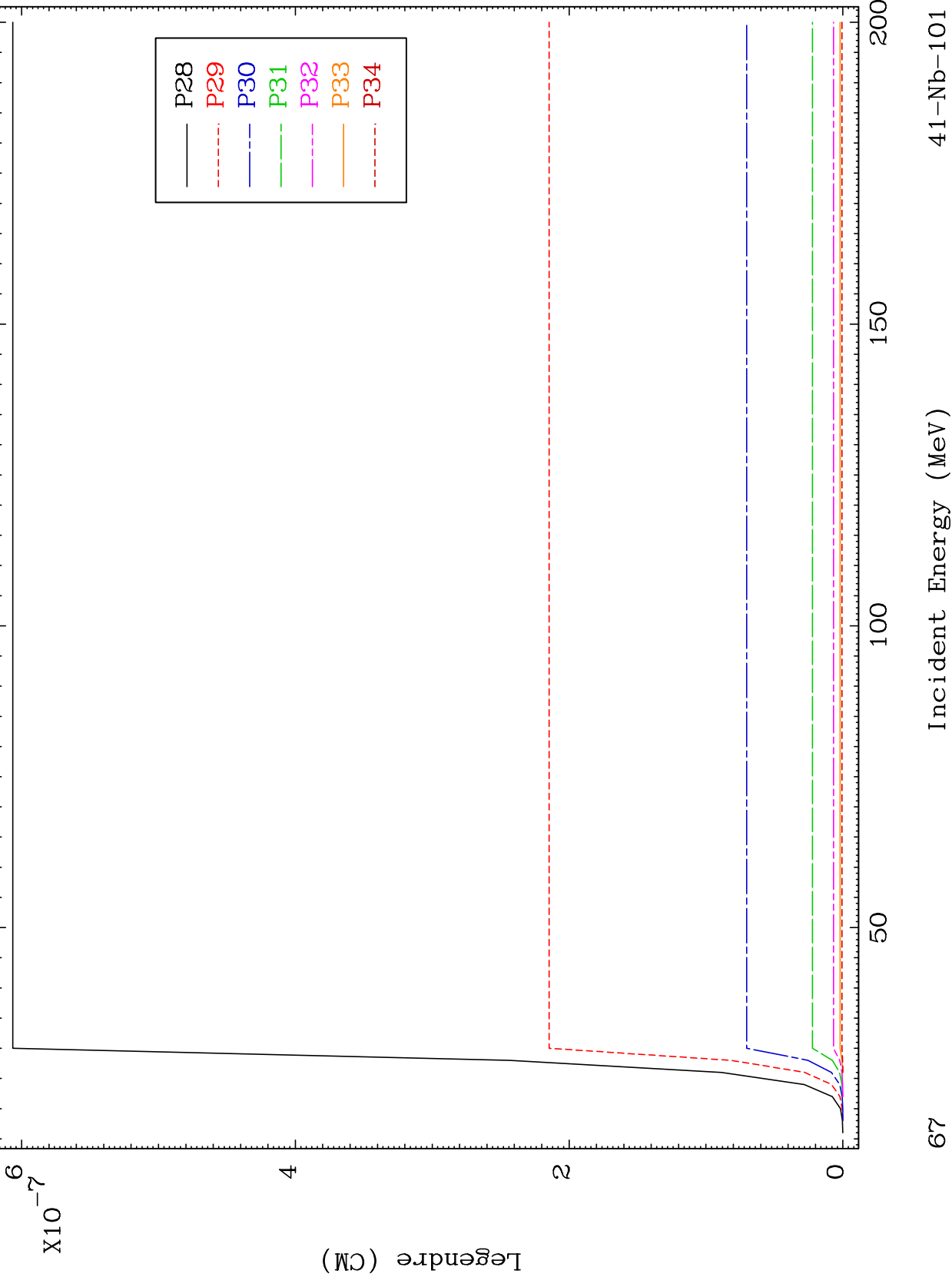
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



67

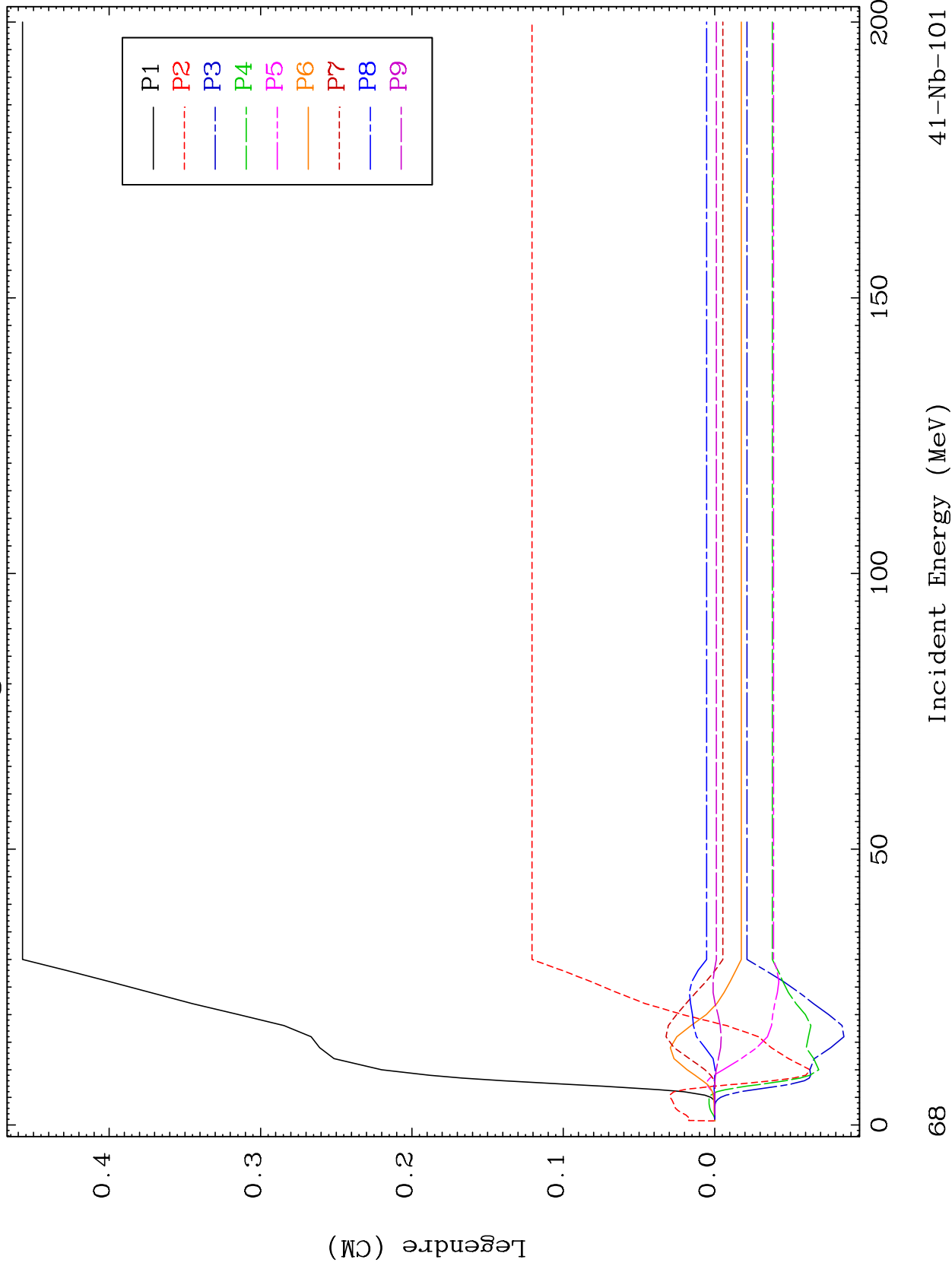
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



41-Nb-101

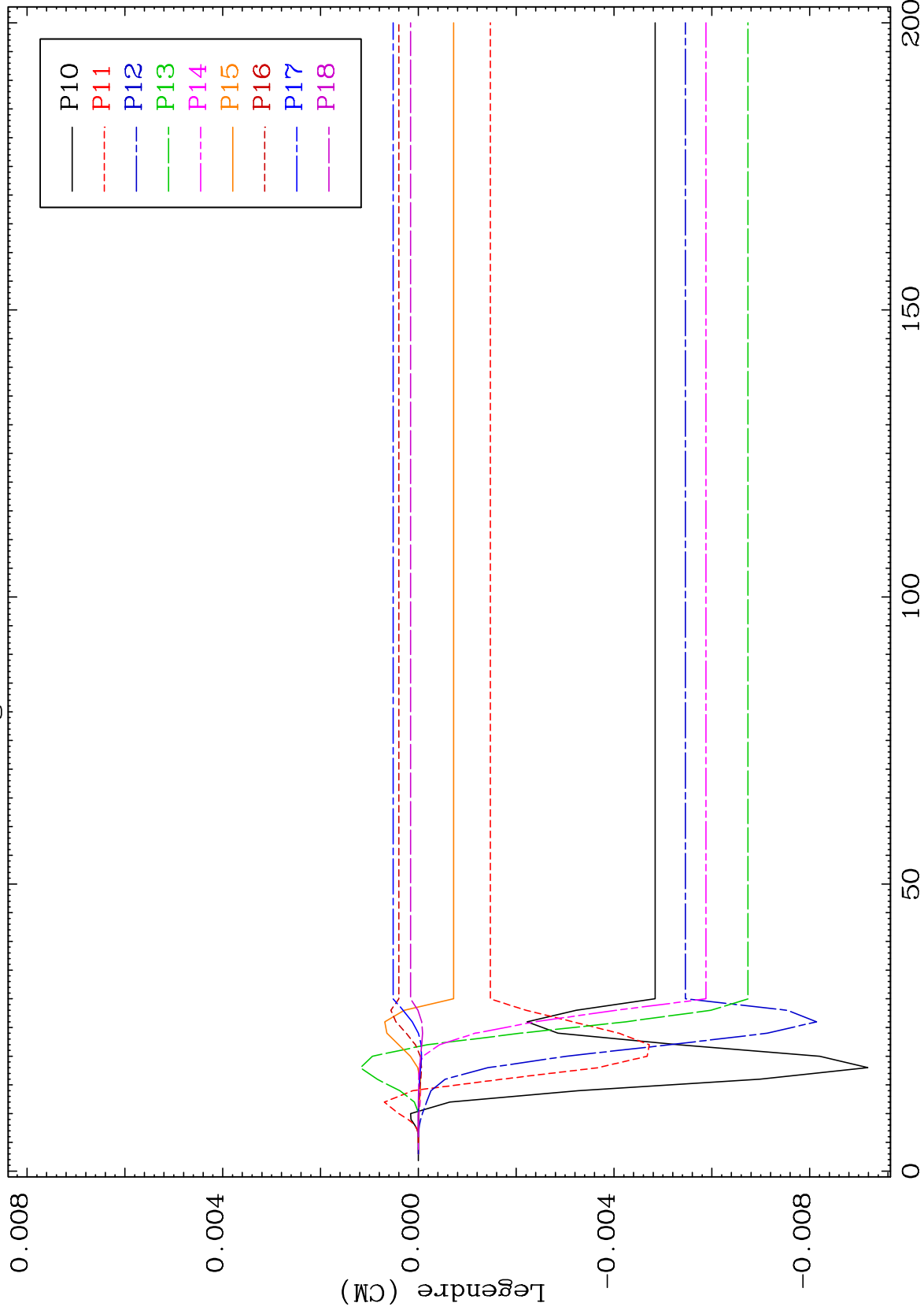
Incident Energy (MeV)

68

MAT 4149

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

41-Nb-101



69

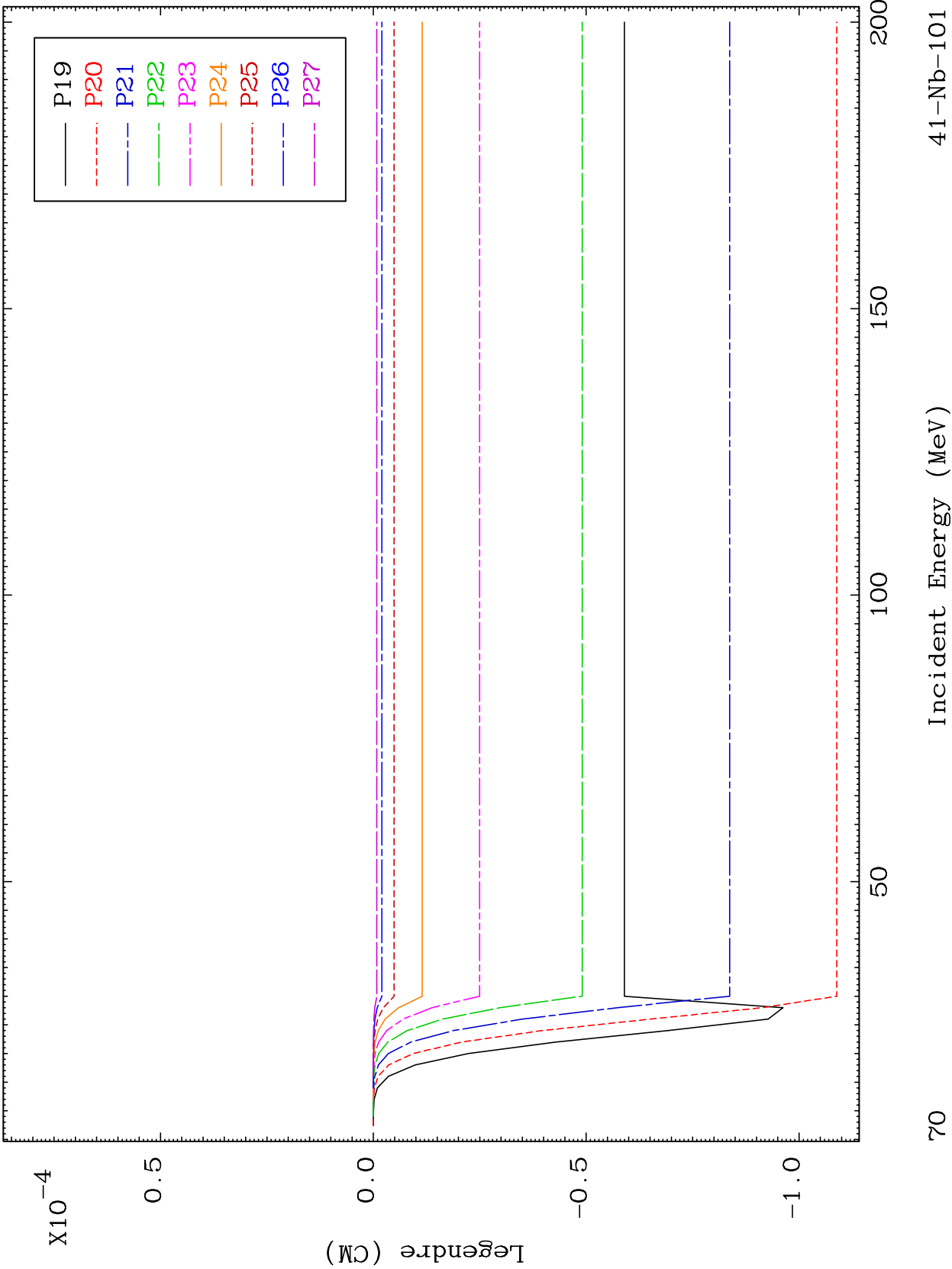
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



70

Incident Energy (MeV)

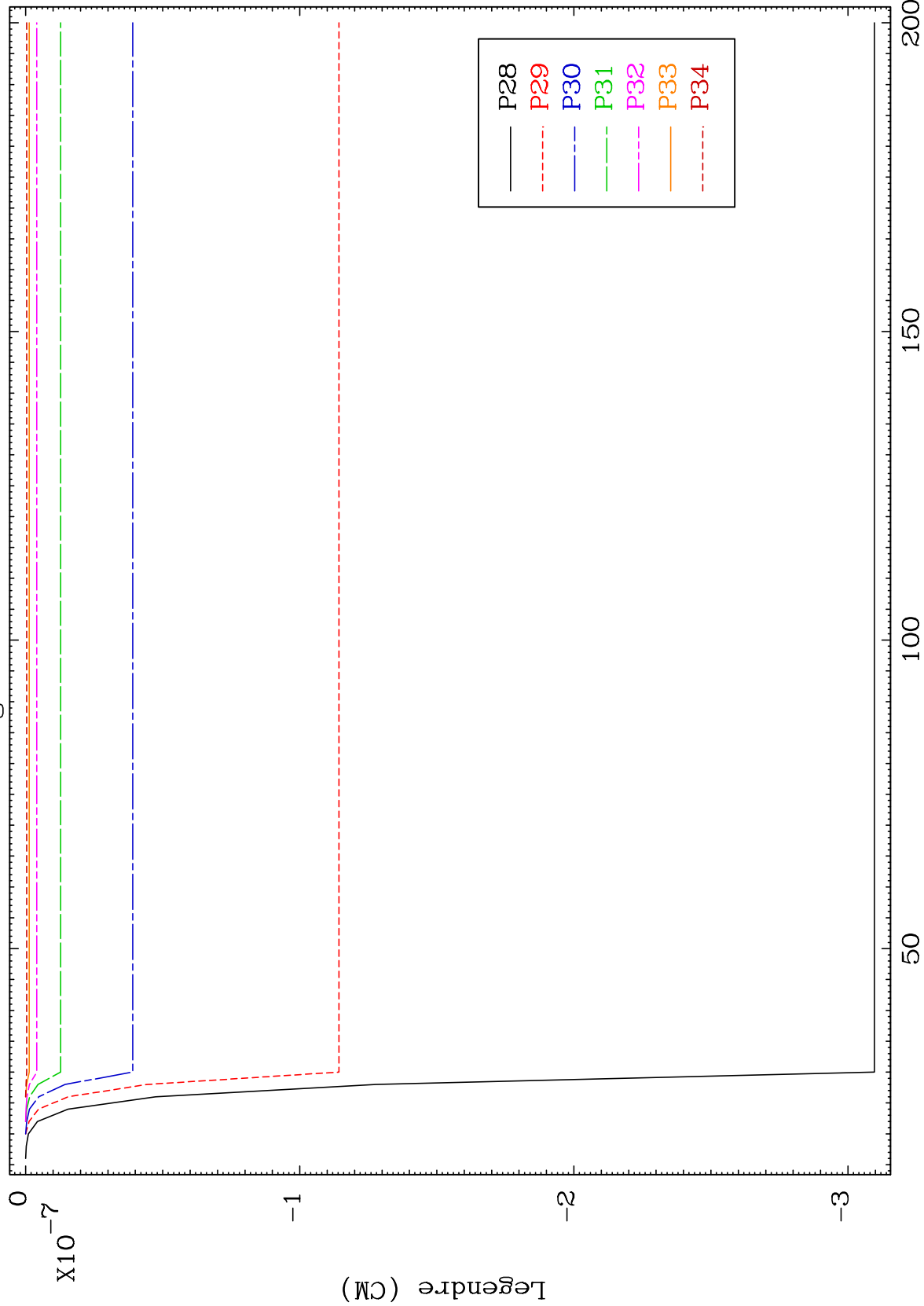
41-Nb-101

MAT 4149

MT= 63 (n,n') Level

41-Nb-101

Legendre Coefficients



71

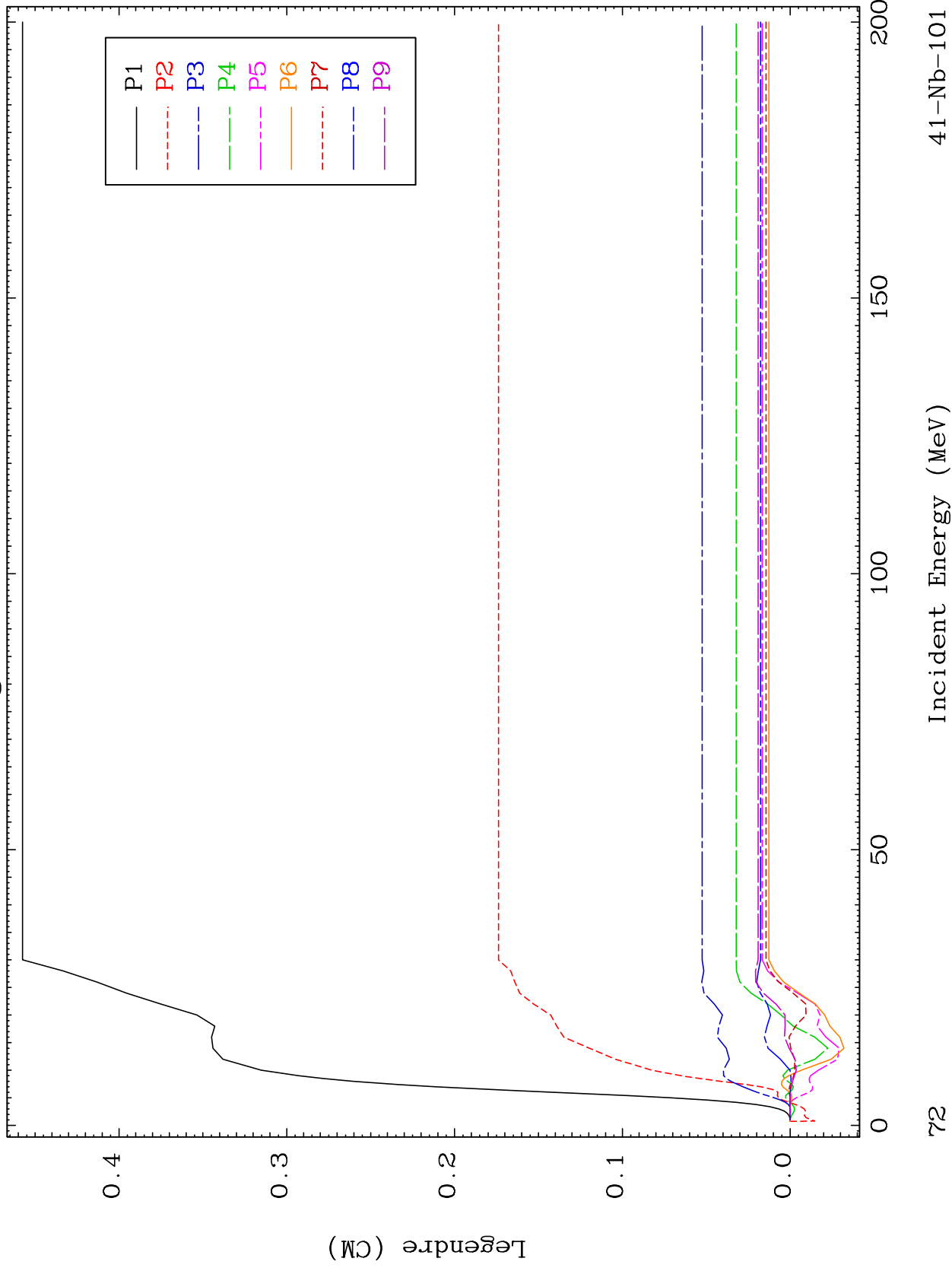
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



72

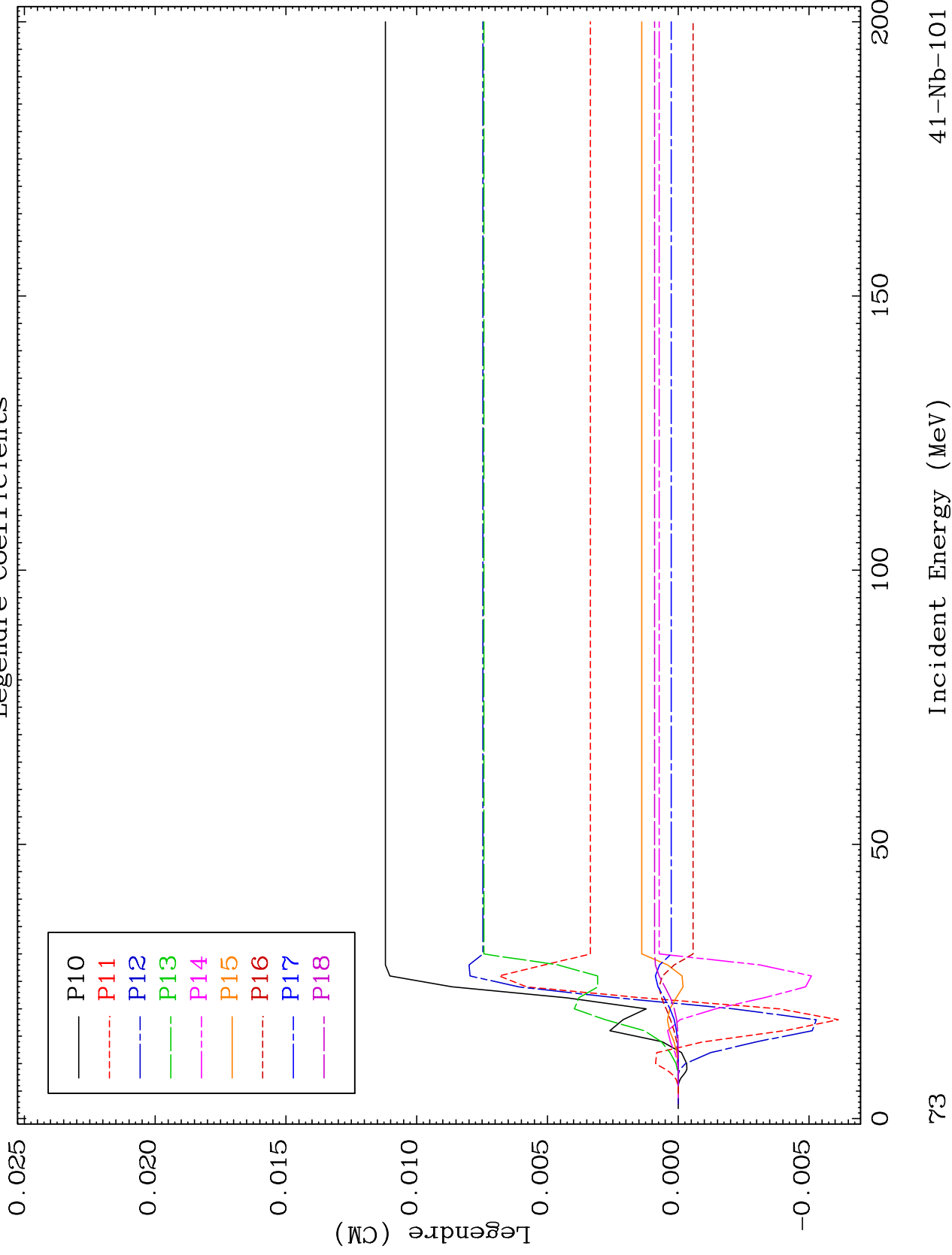
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



73

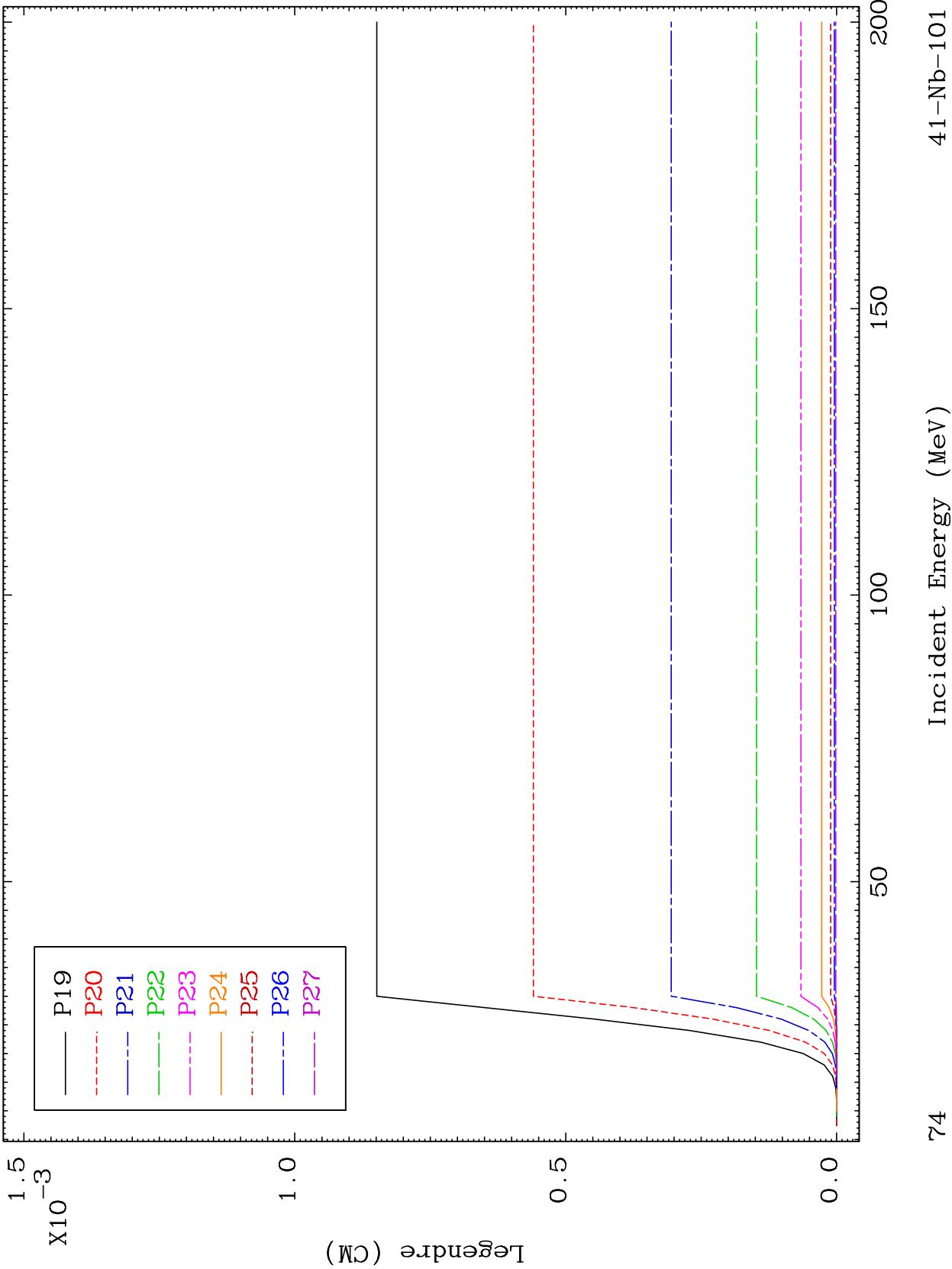
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

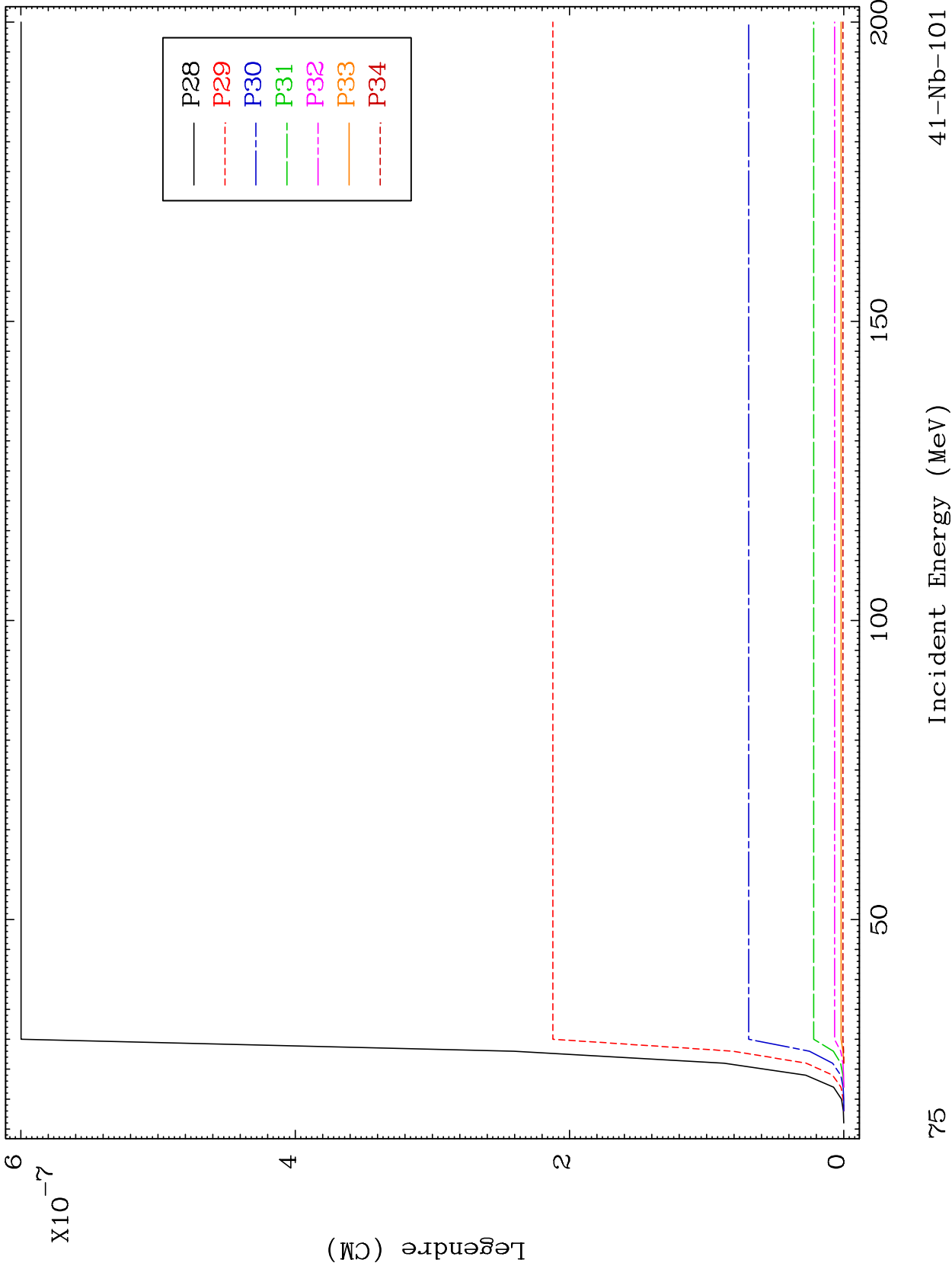
41-Nb-101



MAT 4149

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

41-Nb-101



75

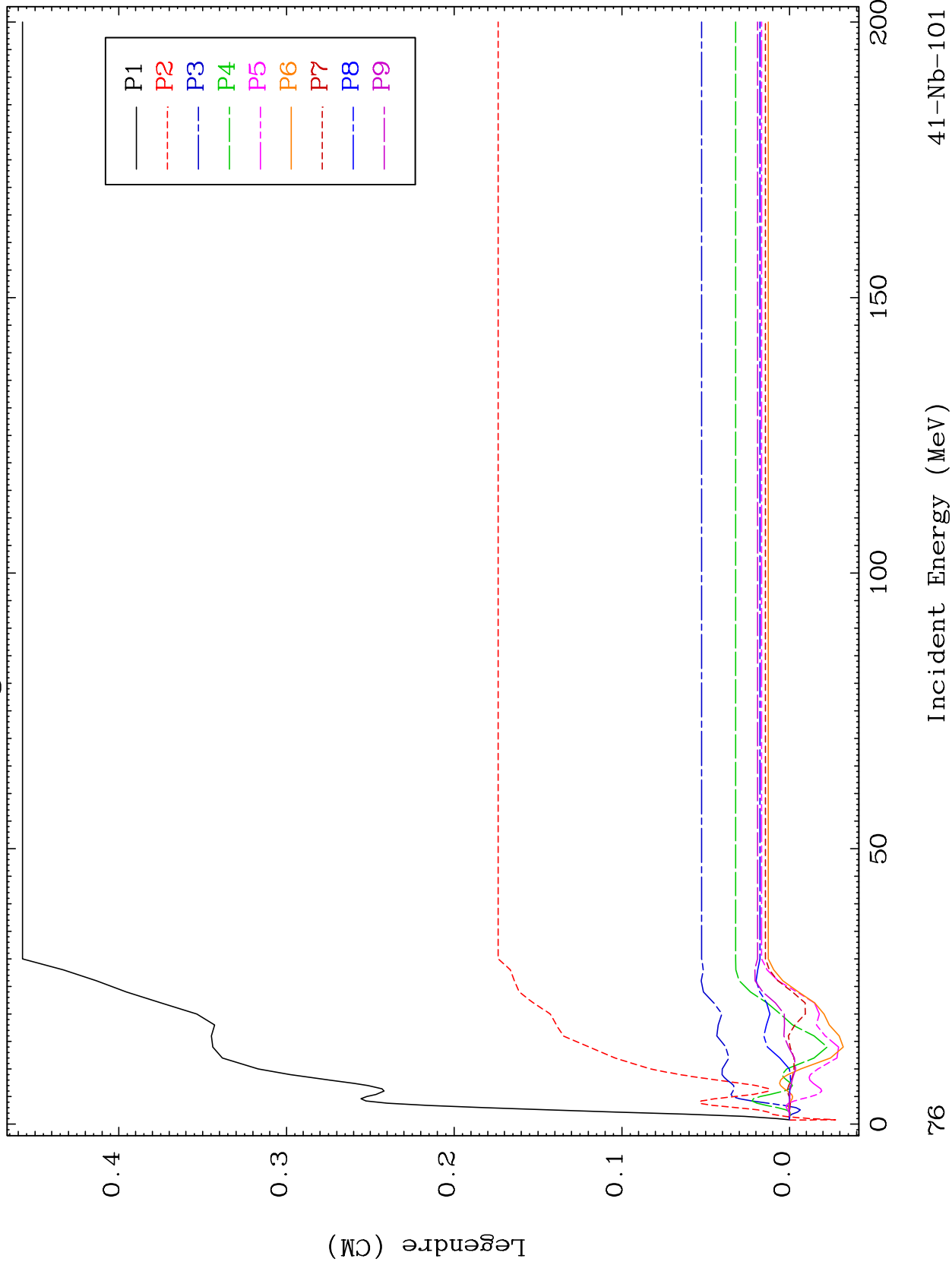
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



76

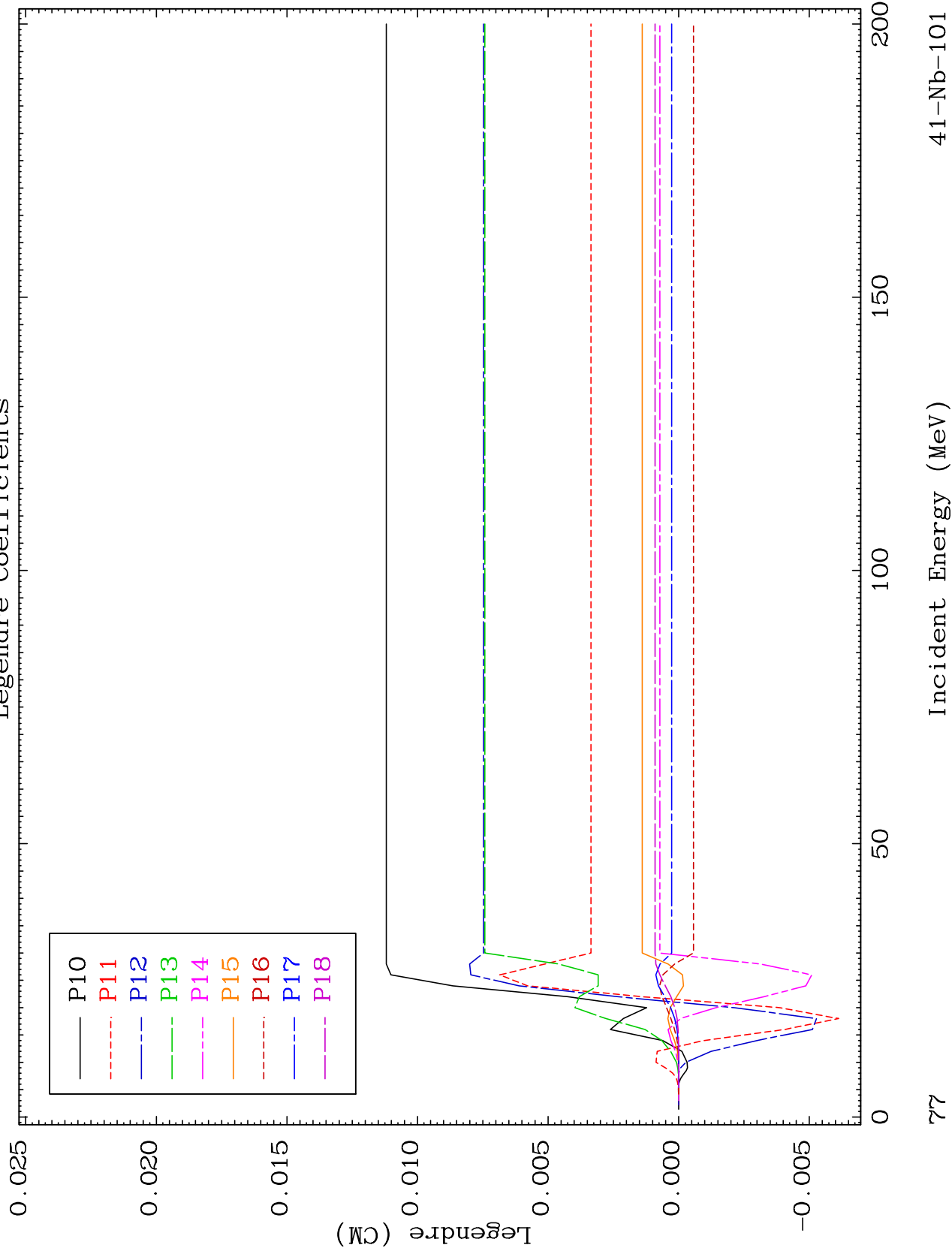
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101

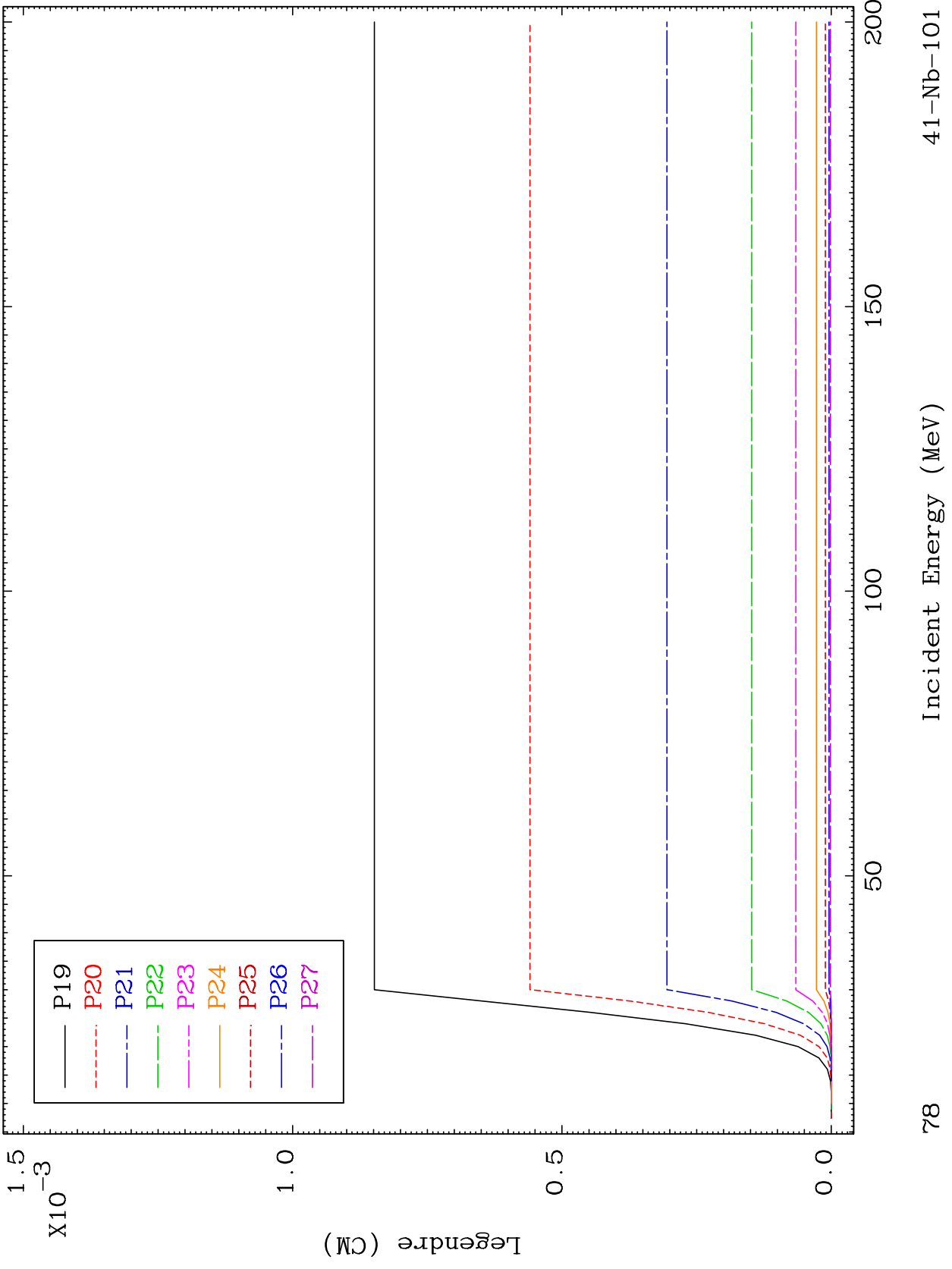


77

MAT 4149

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

41-Nb-101



78

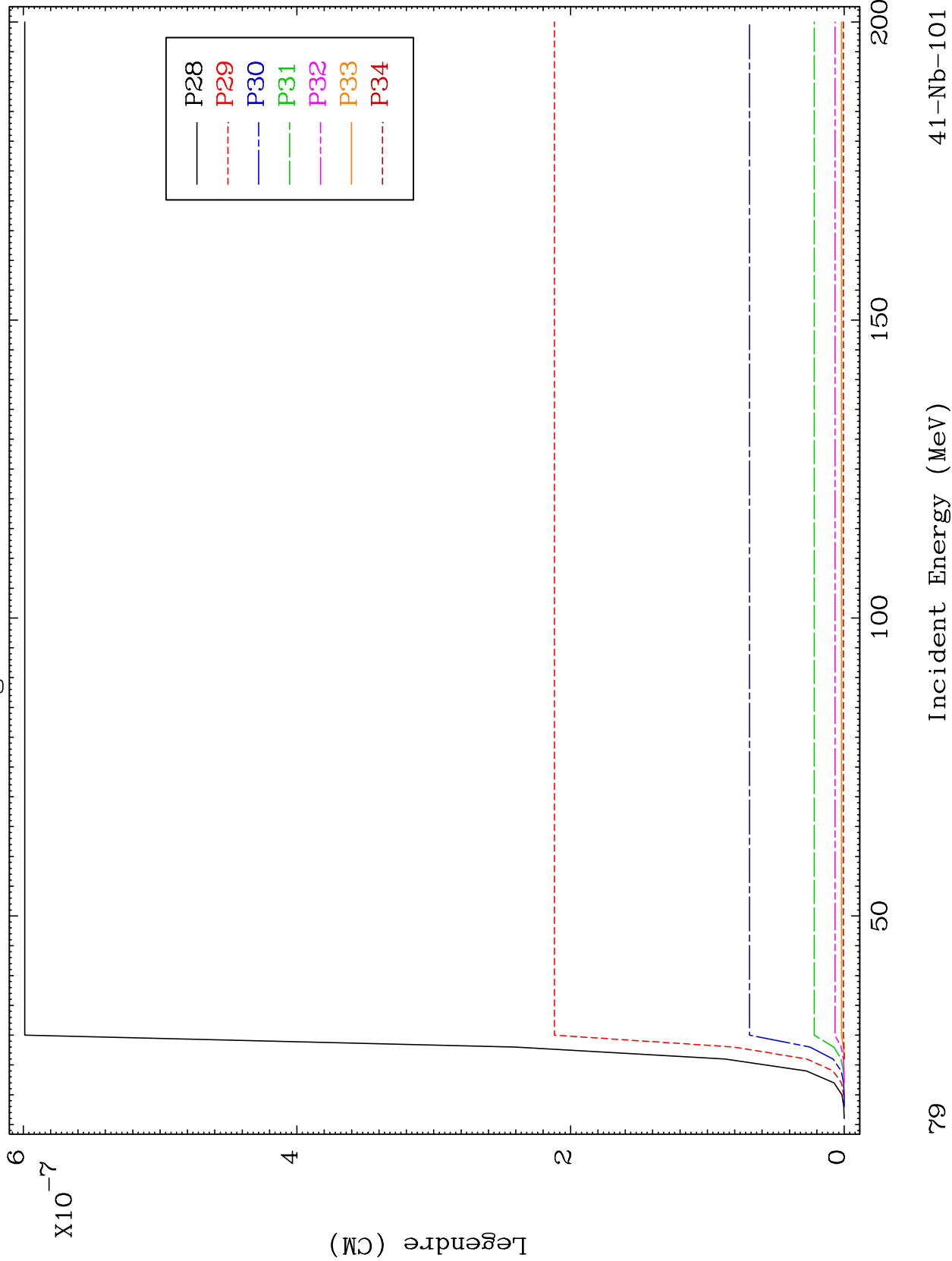
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



79

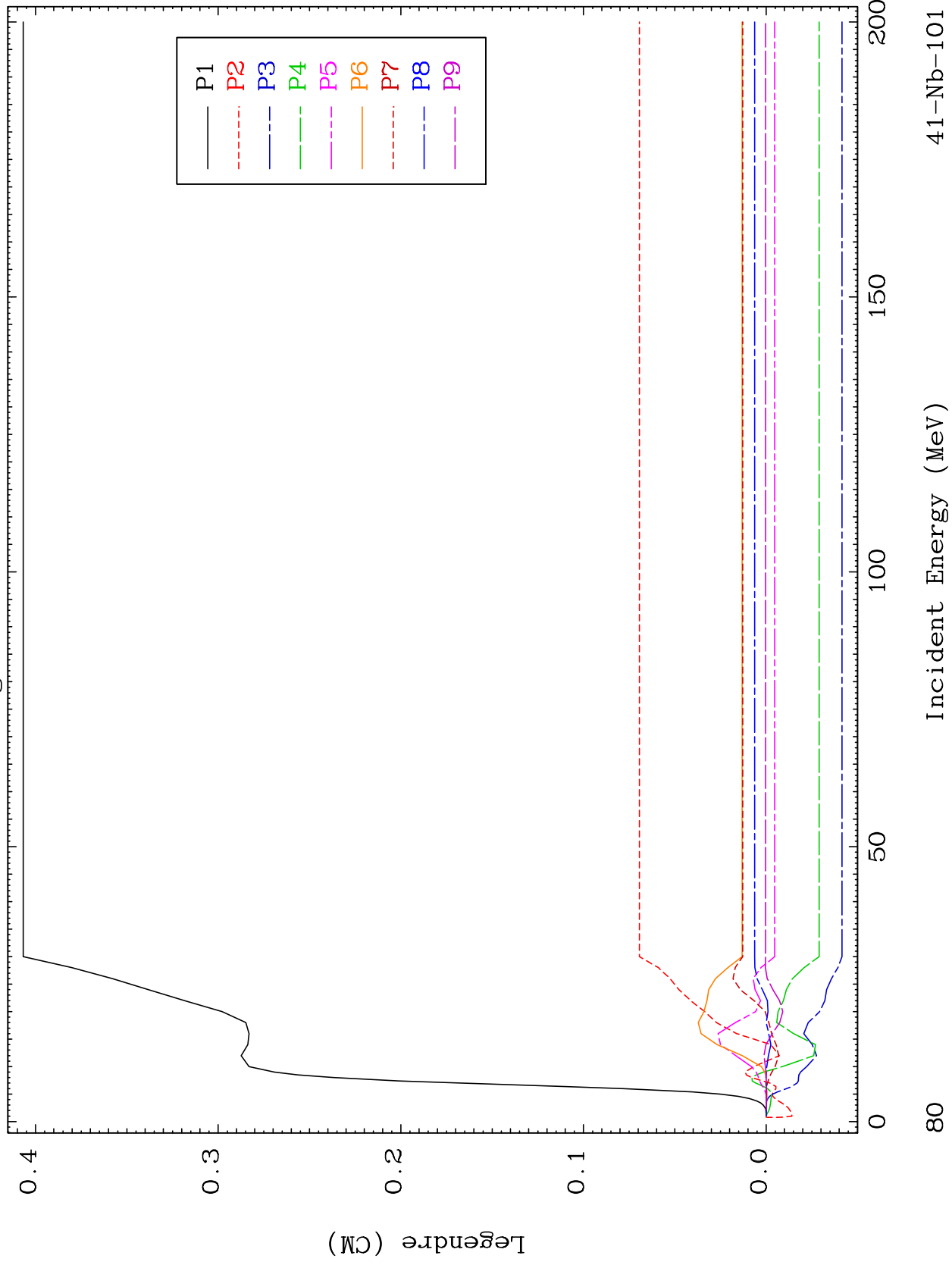
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

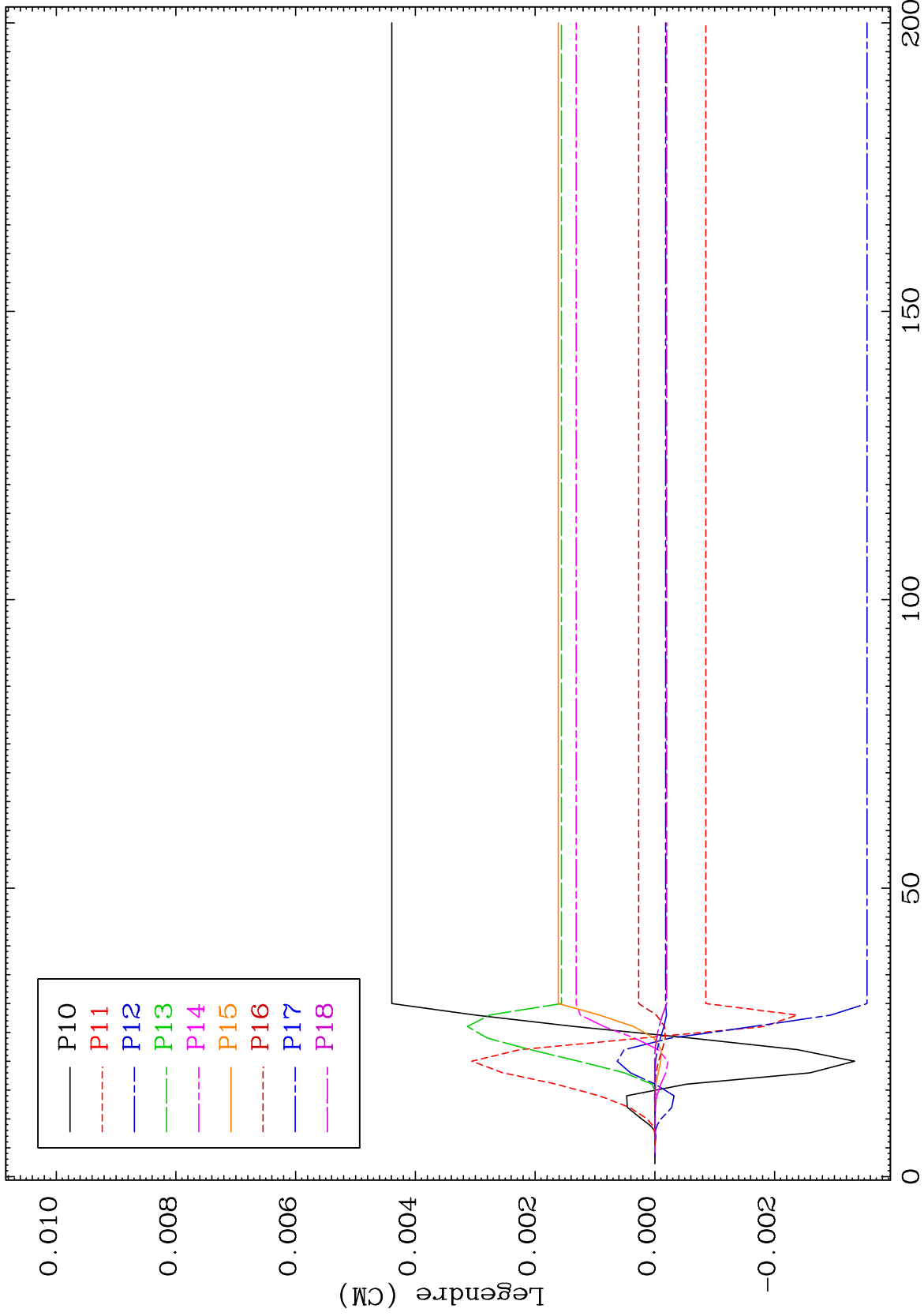
41-Nb-101



41-Nb-101

Incident Energy (MeV)

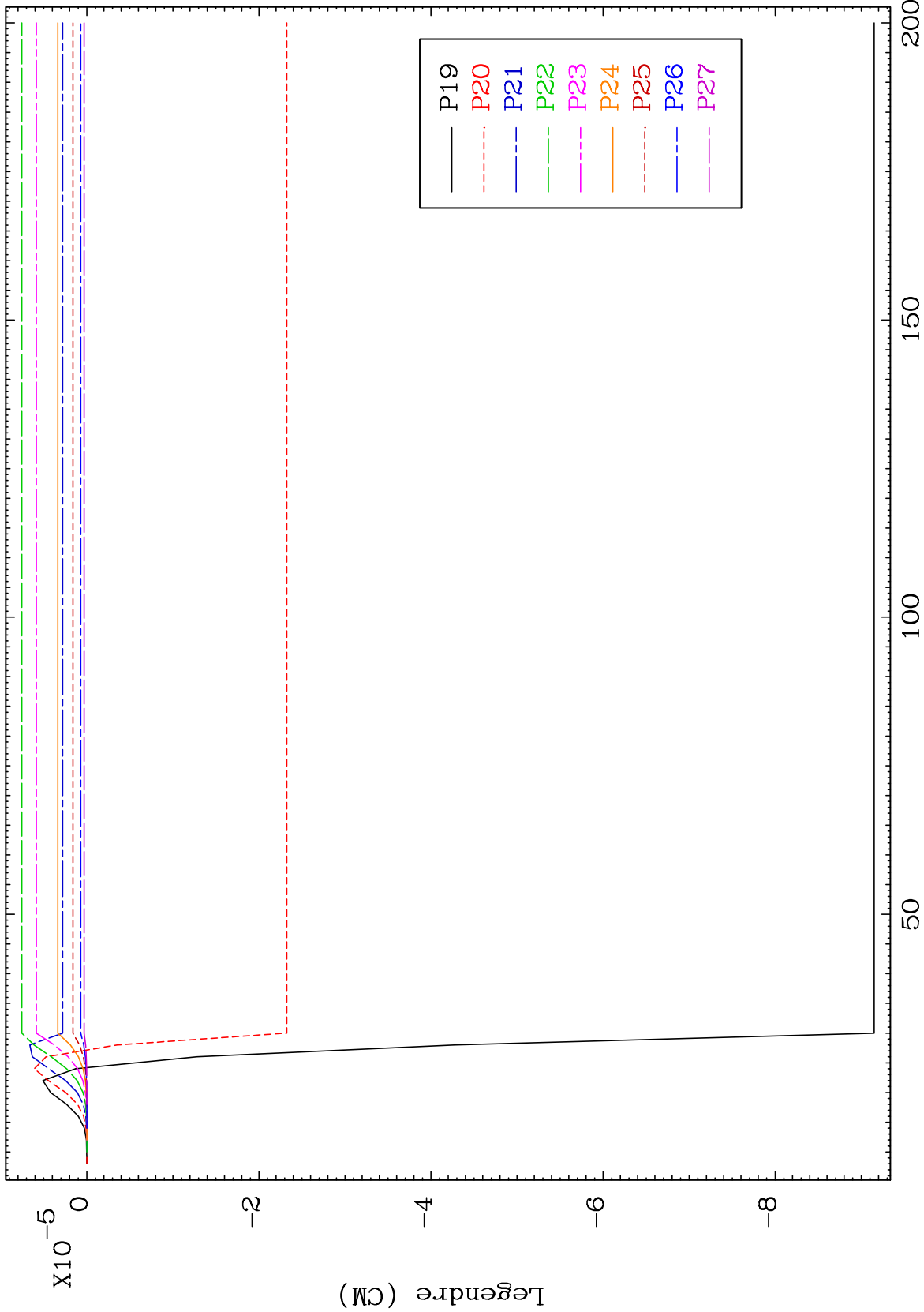
80



MAT 4149

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

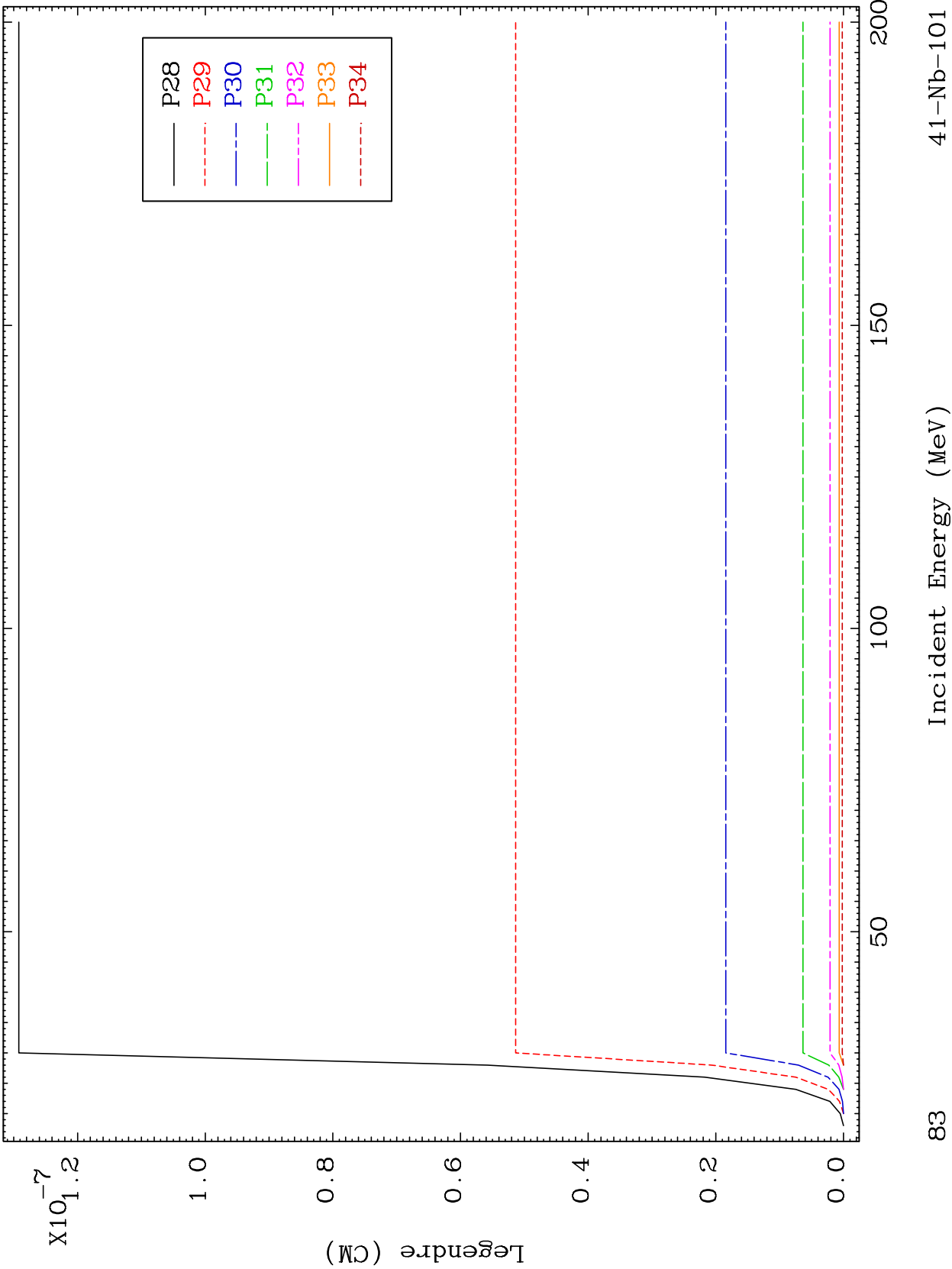
41-Nb-101



82

Incident Energy (MeV)

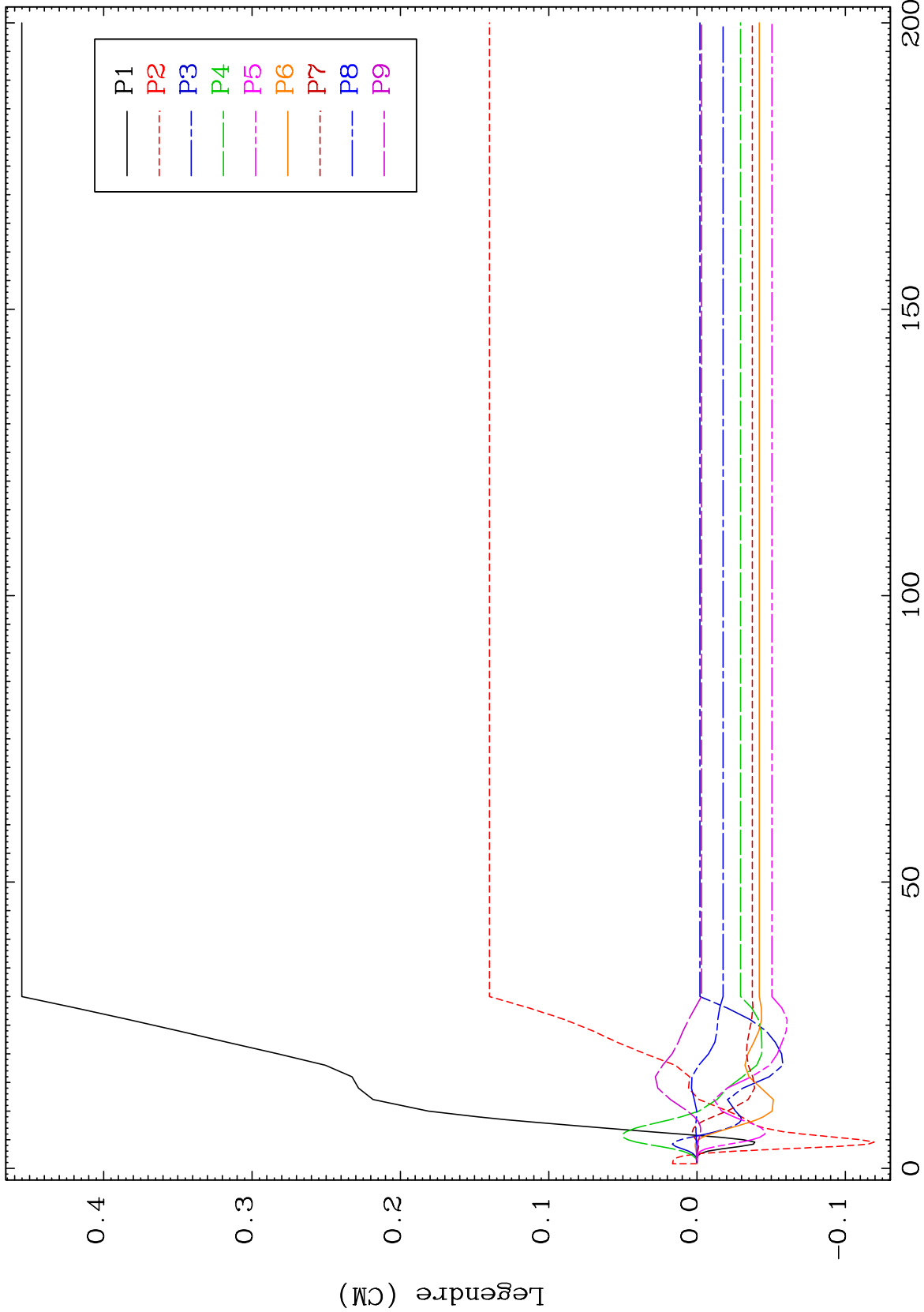
41-Nb-101



MAT 4149

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

41-Nb-101



84

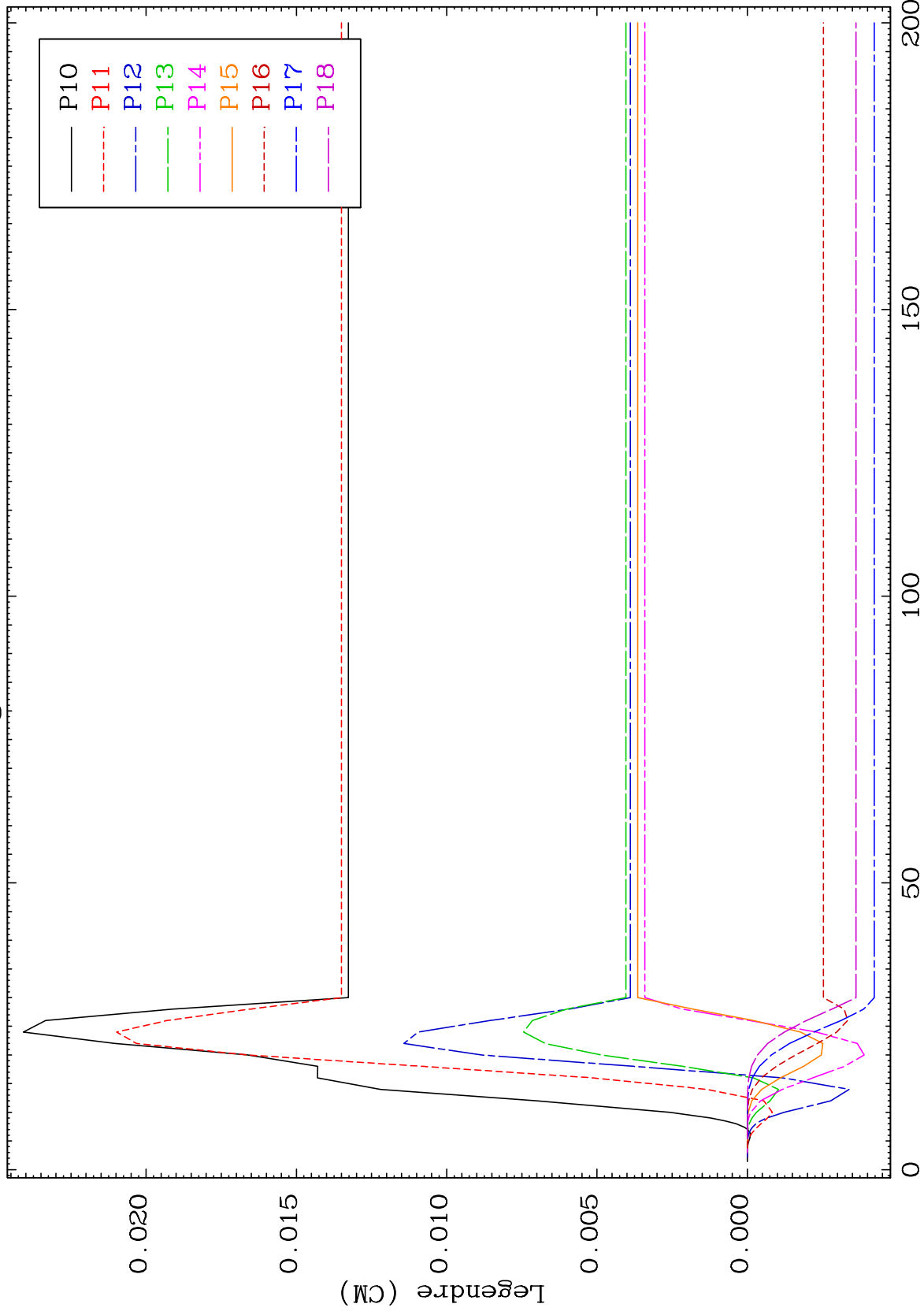
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



85

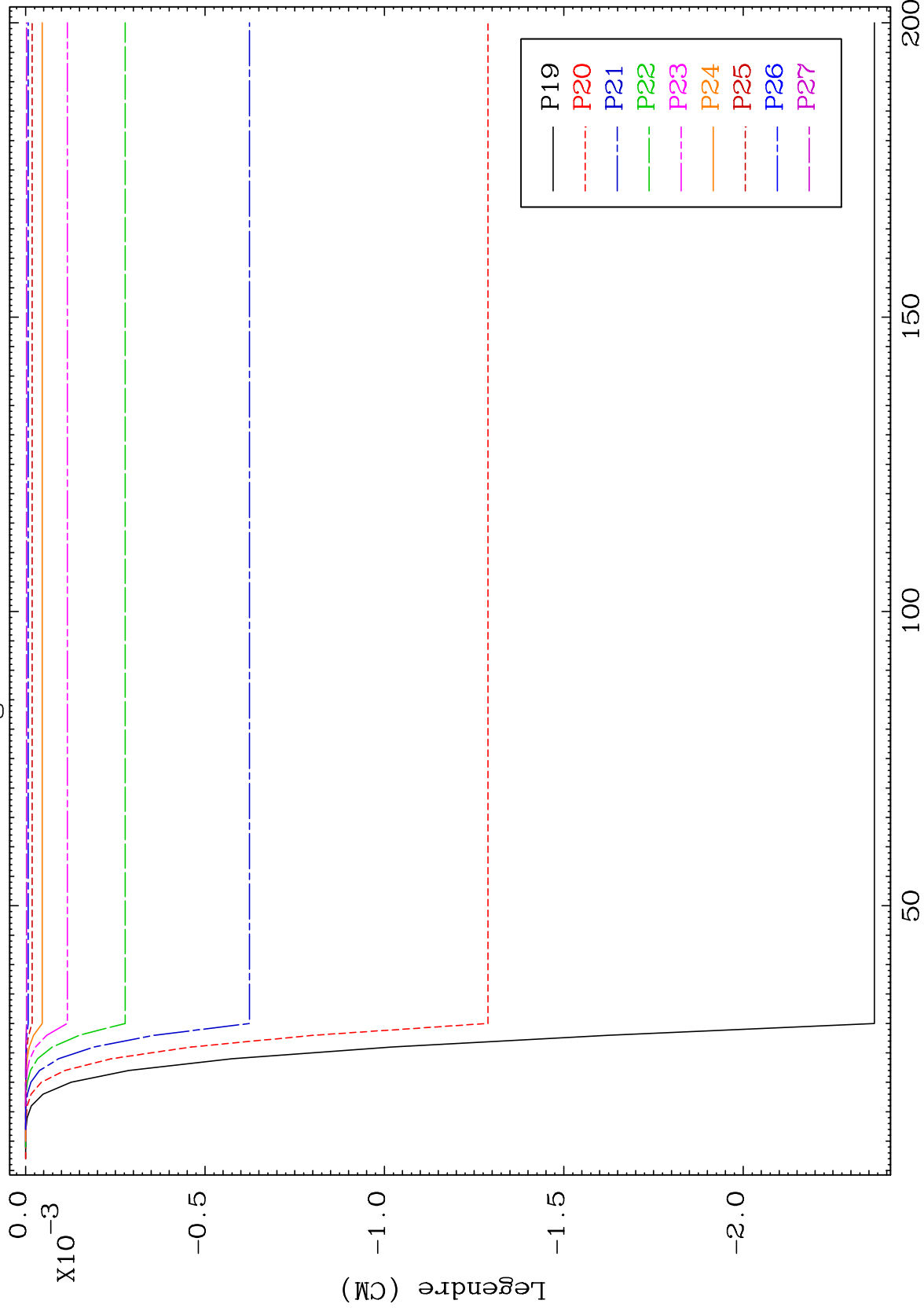
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

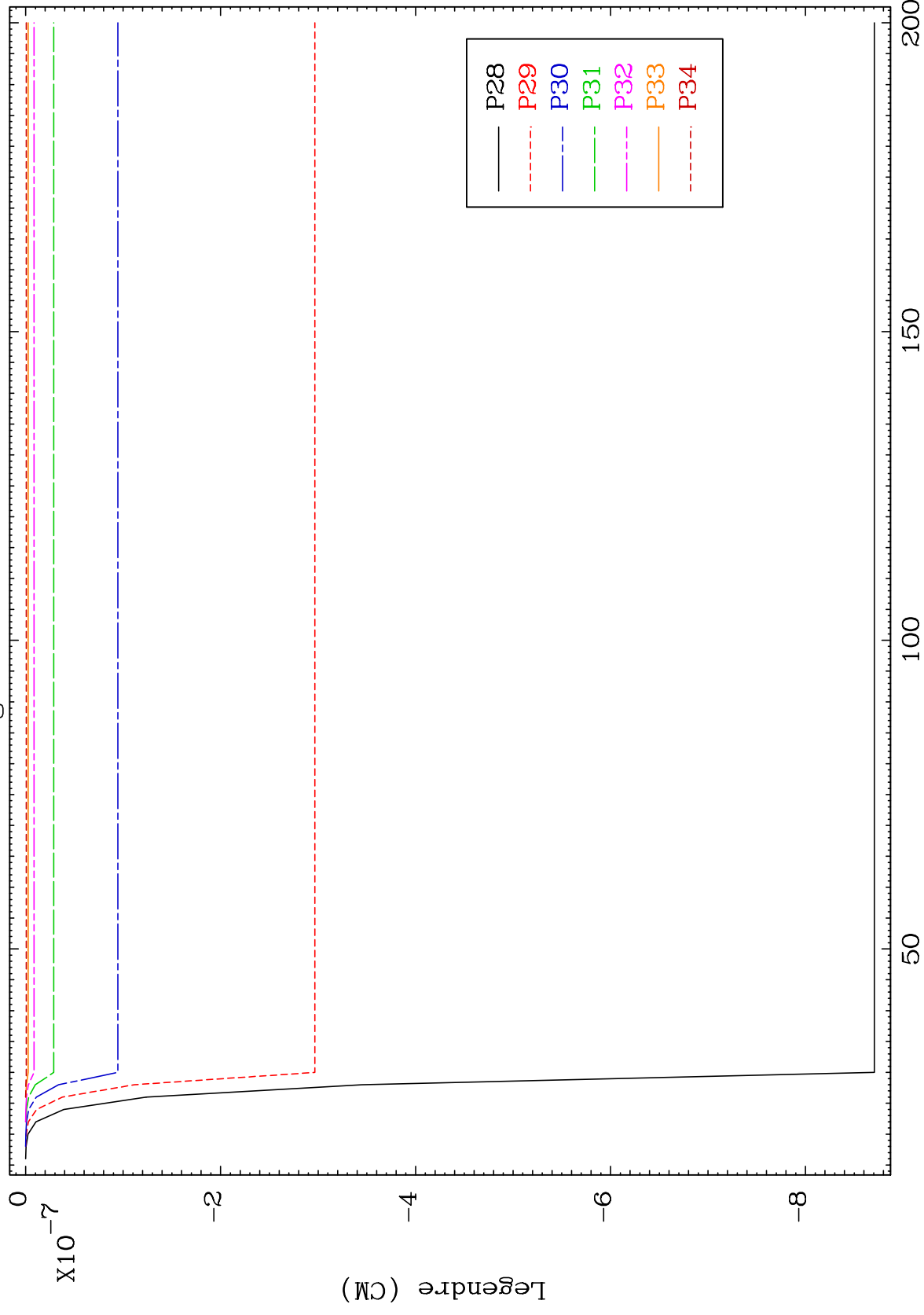
41-Nb-101



MAT 4149

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

41-Nb-101



87

Incident Energy (MeV)

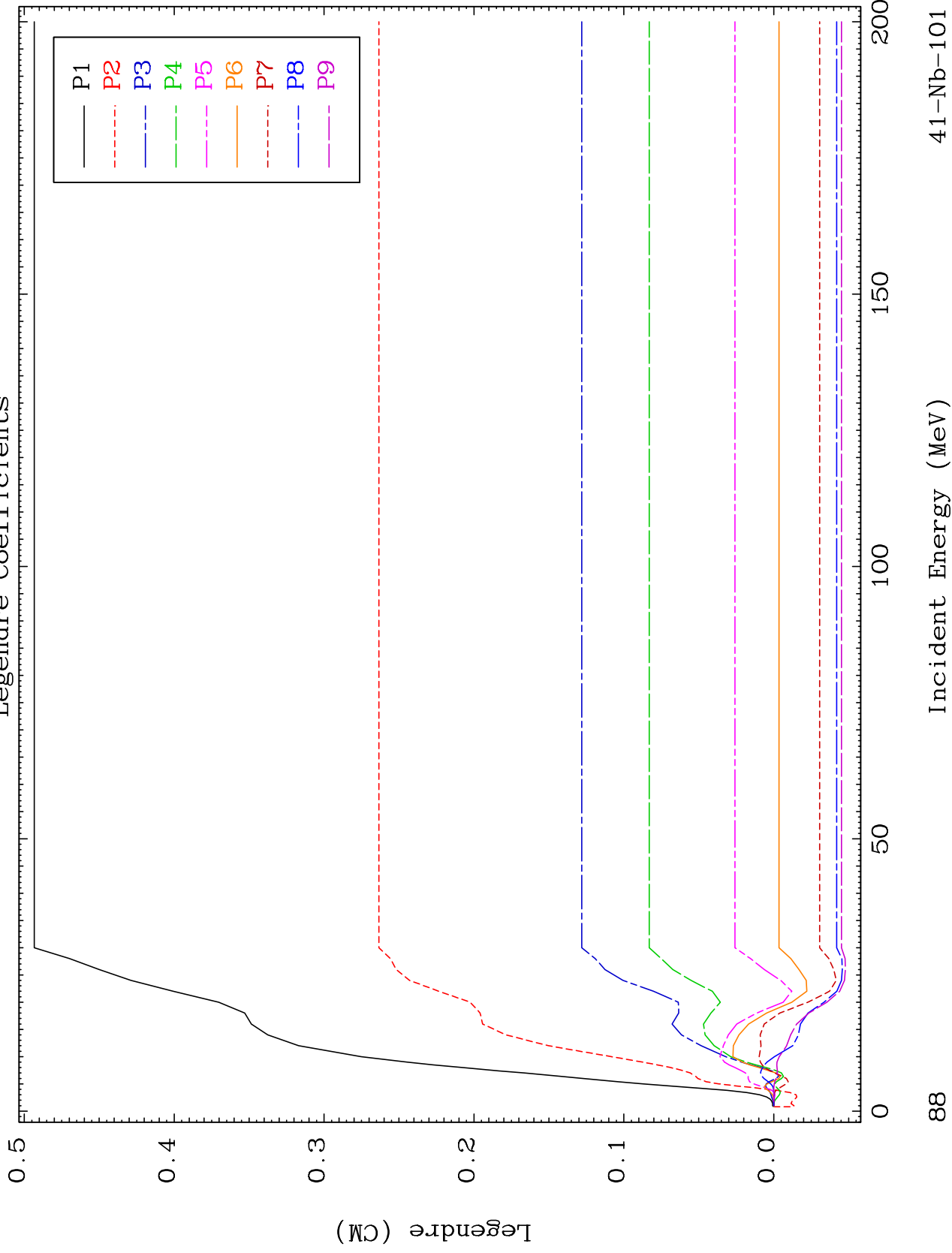
41-Nb-101

MAT 4149

MT= 68 (n,n') Level

41-Nb-101

Legendre Coefficients



88

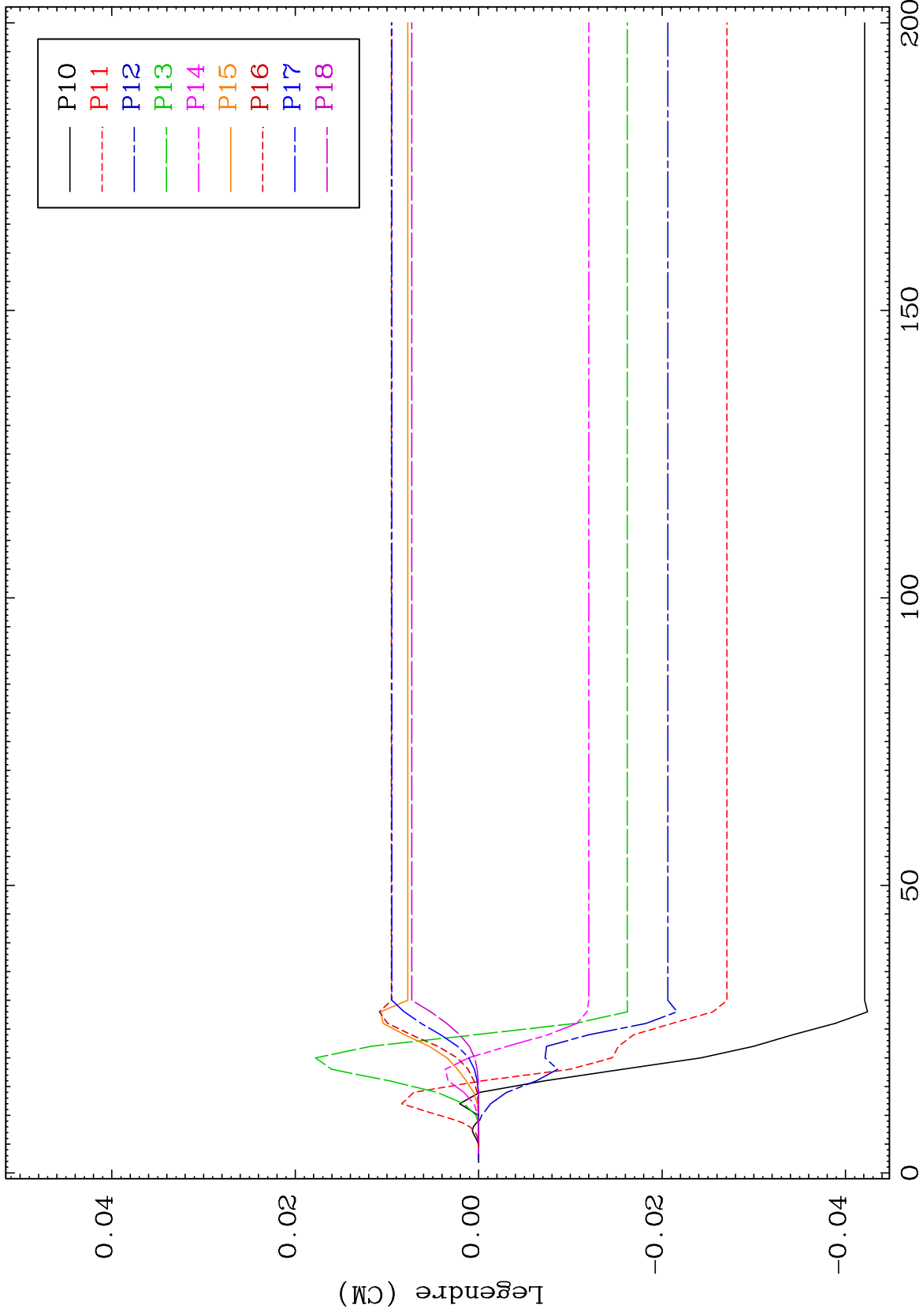
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



89

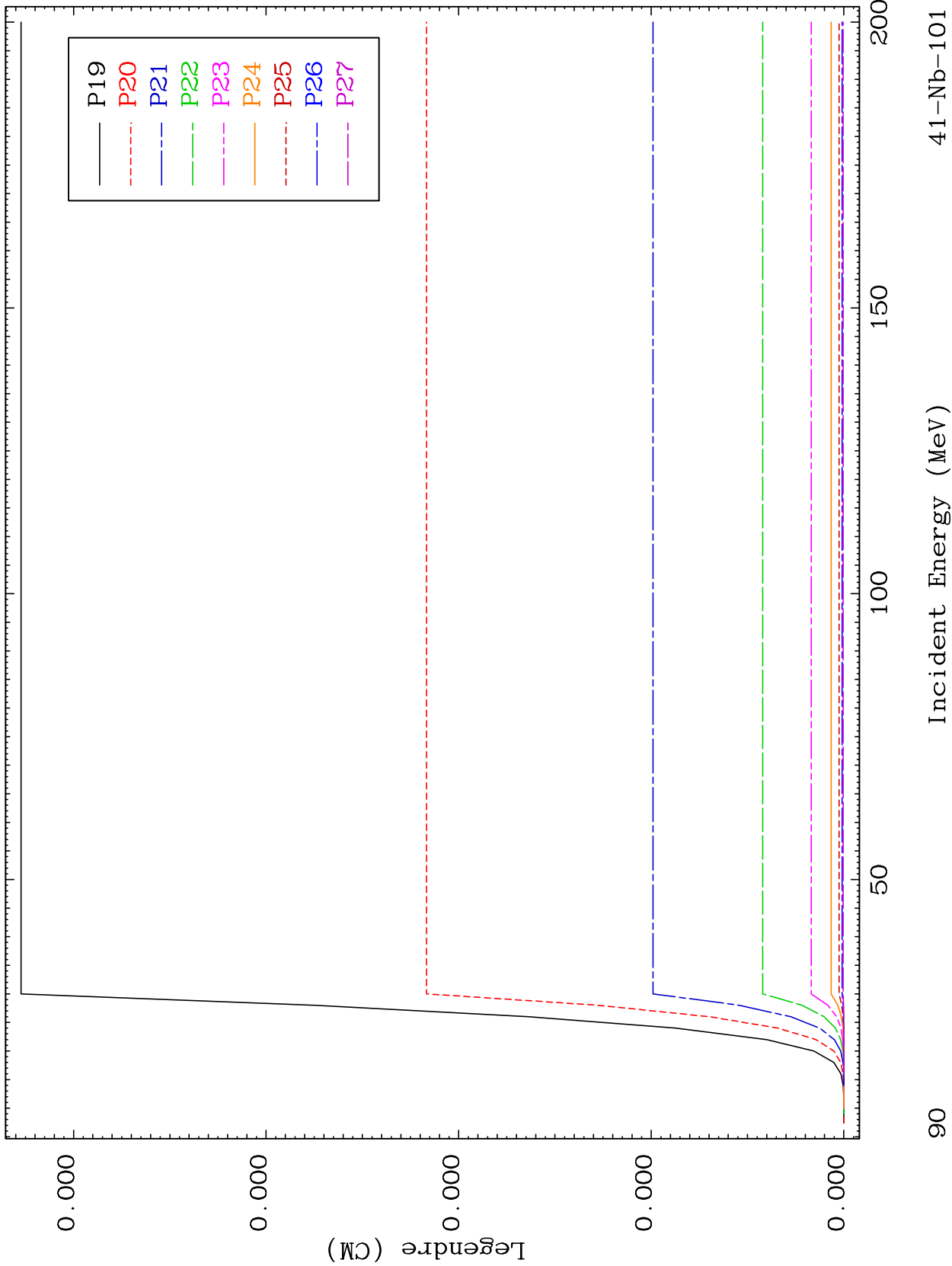
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



90

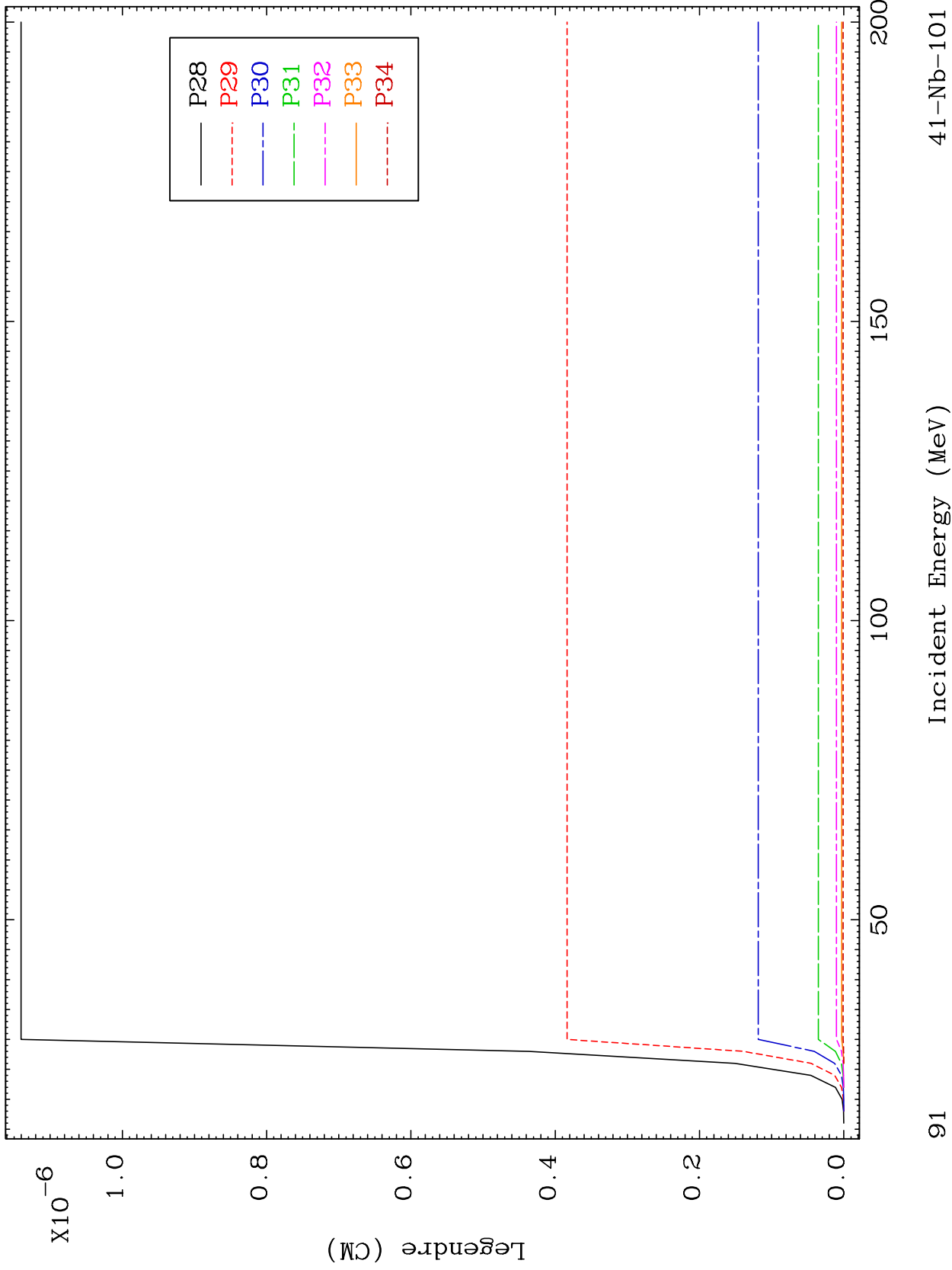
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

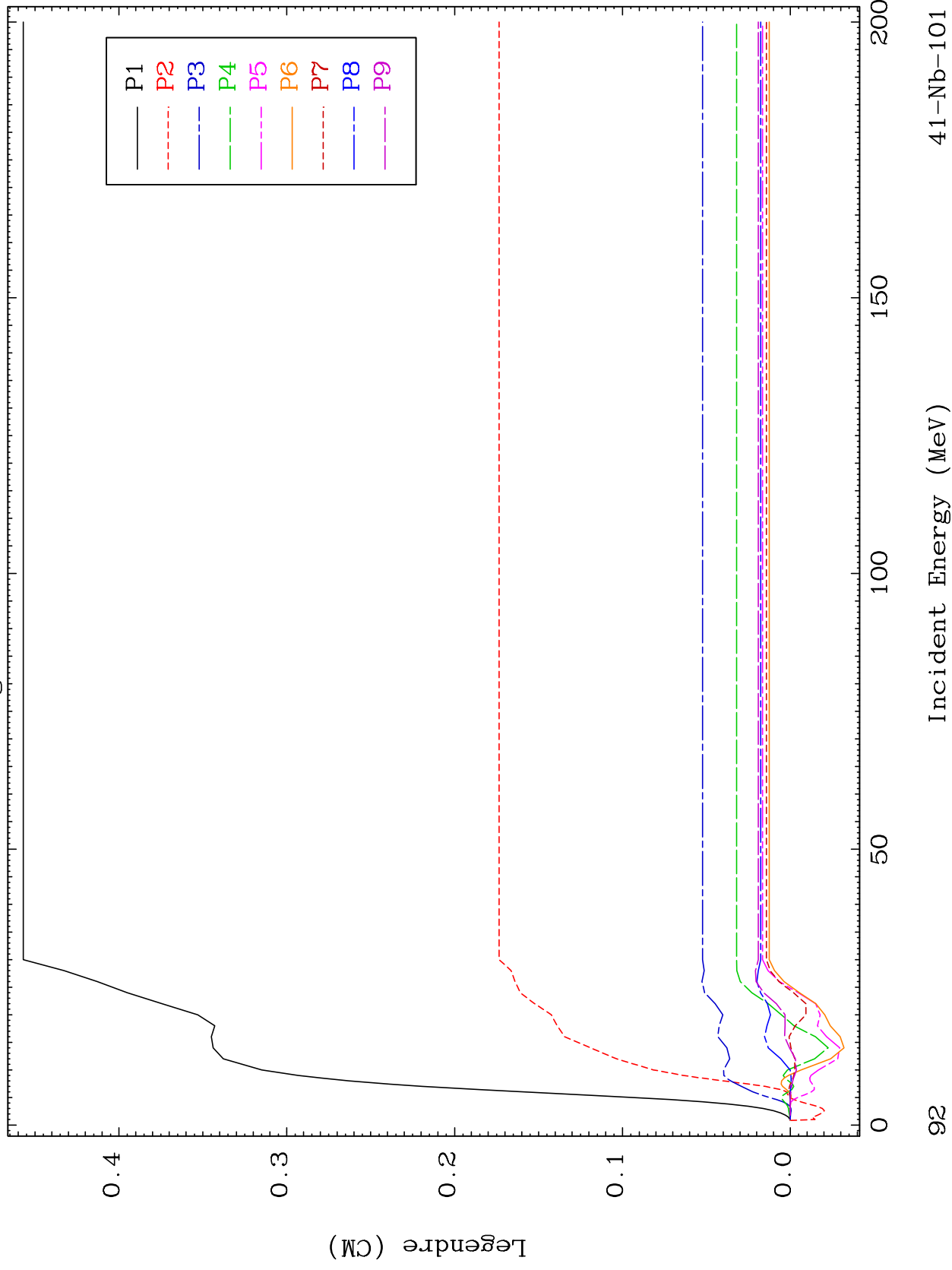
41-Nb-101



MAT 4149

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

41-Nb-101



92

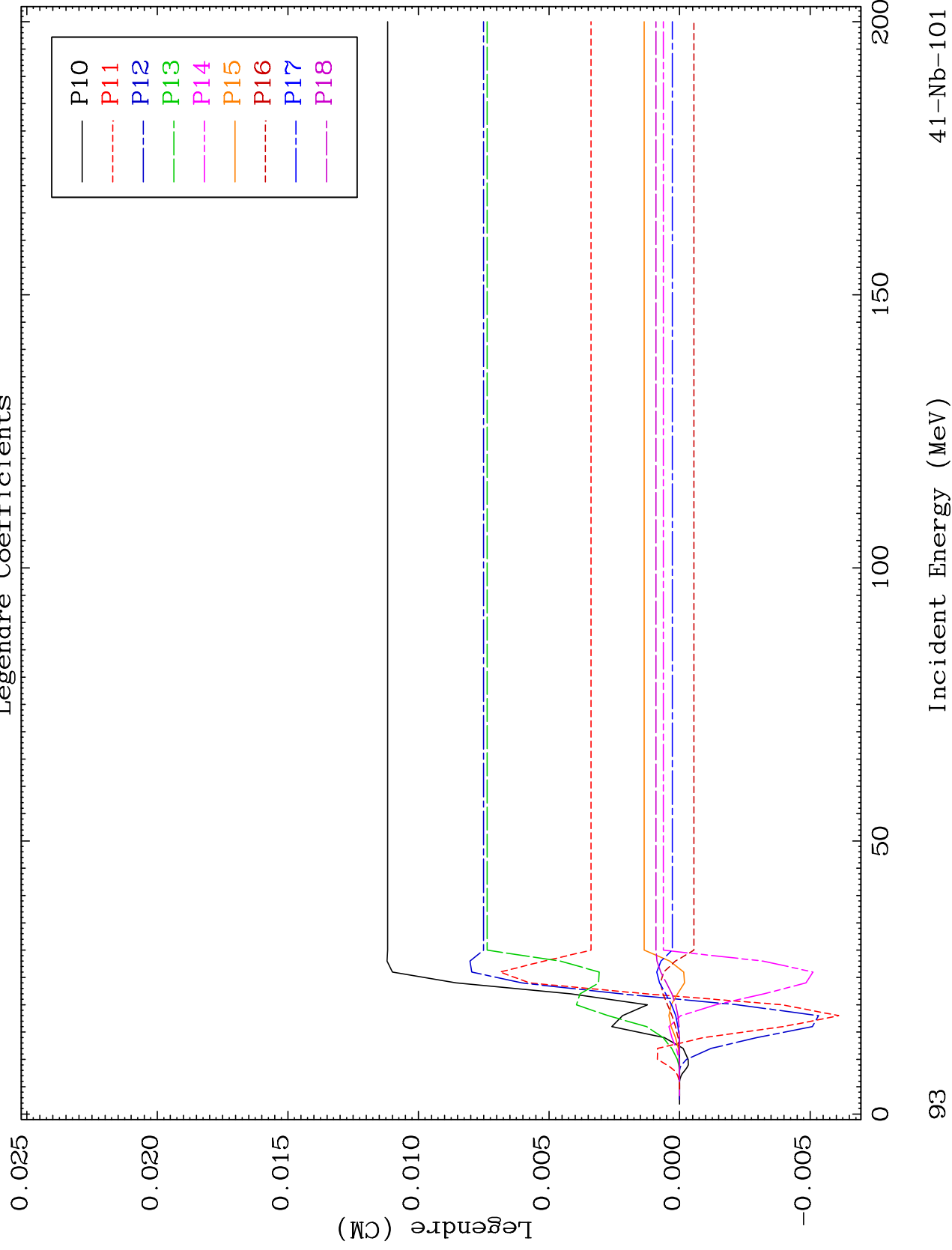
Incident Energy (MeV)

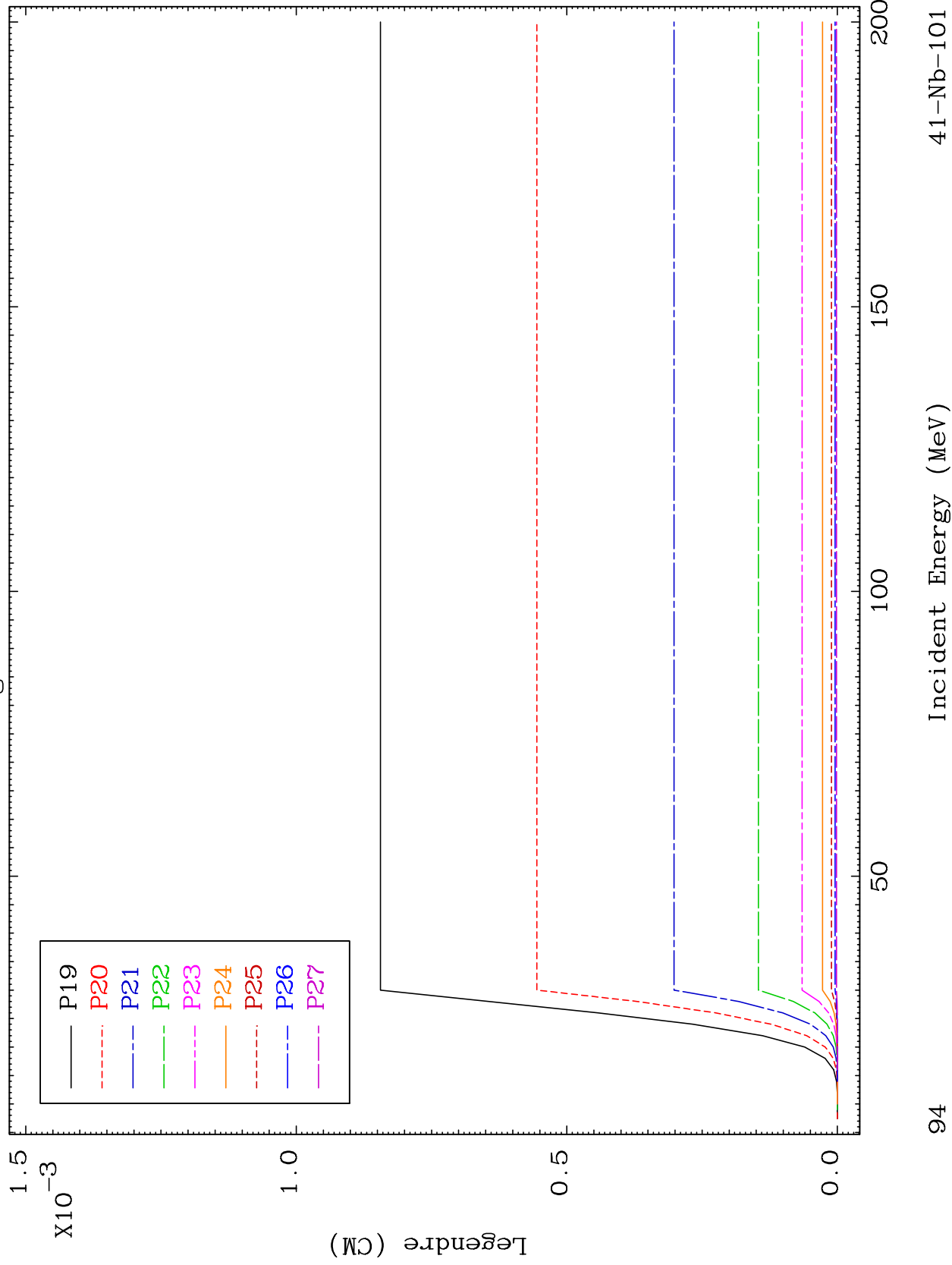
41-Nb-101

MAT 4149

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

41-Nb-101

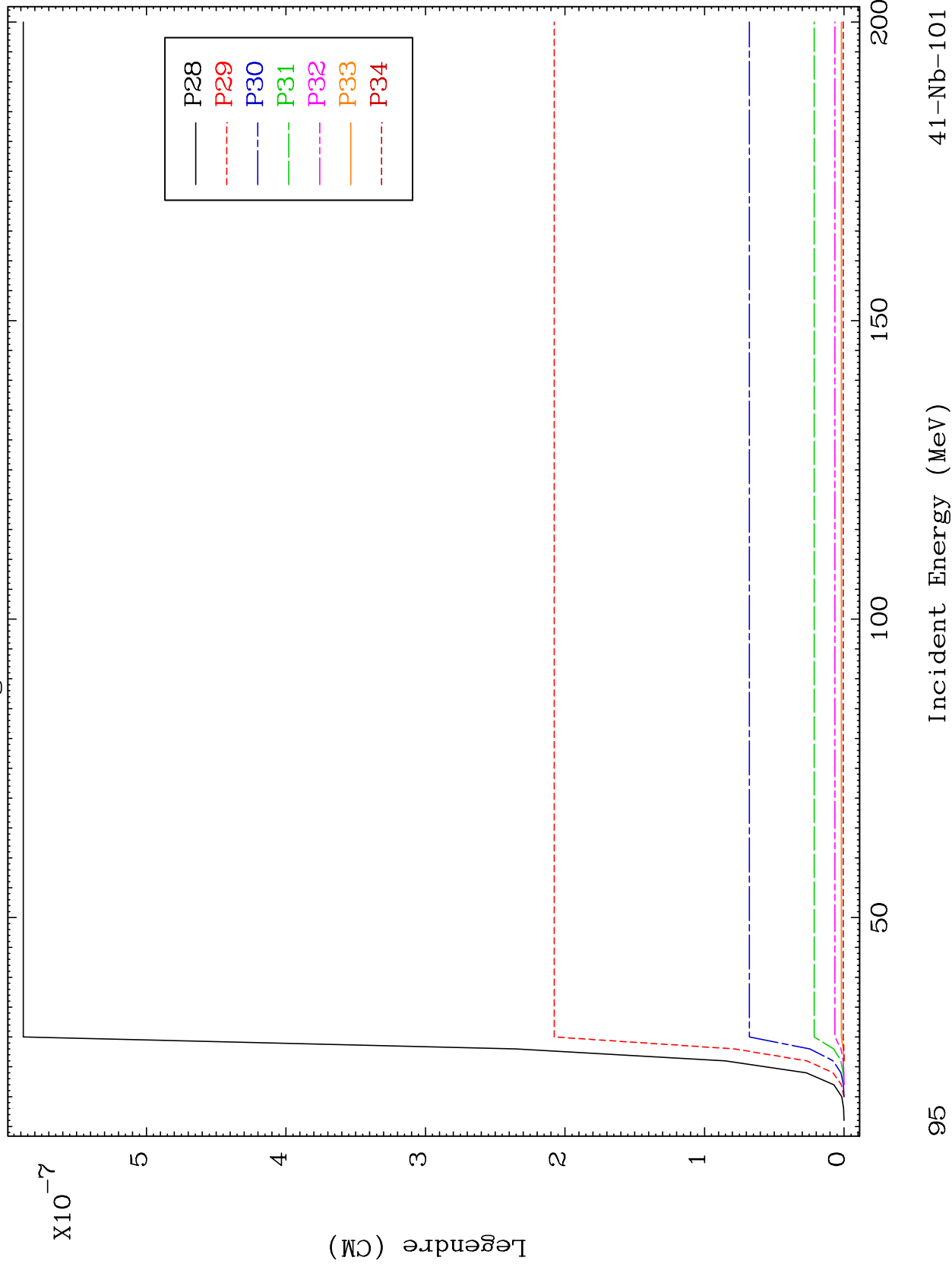




MAT 4149

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

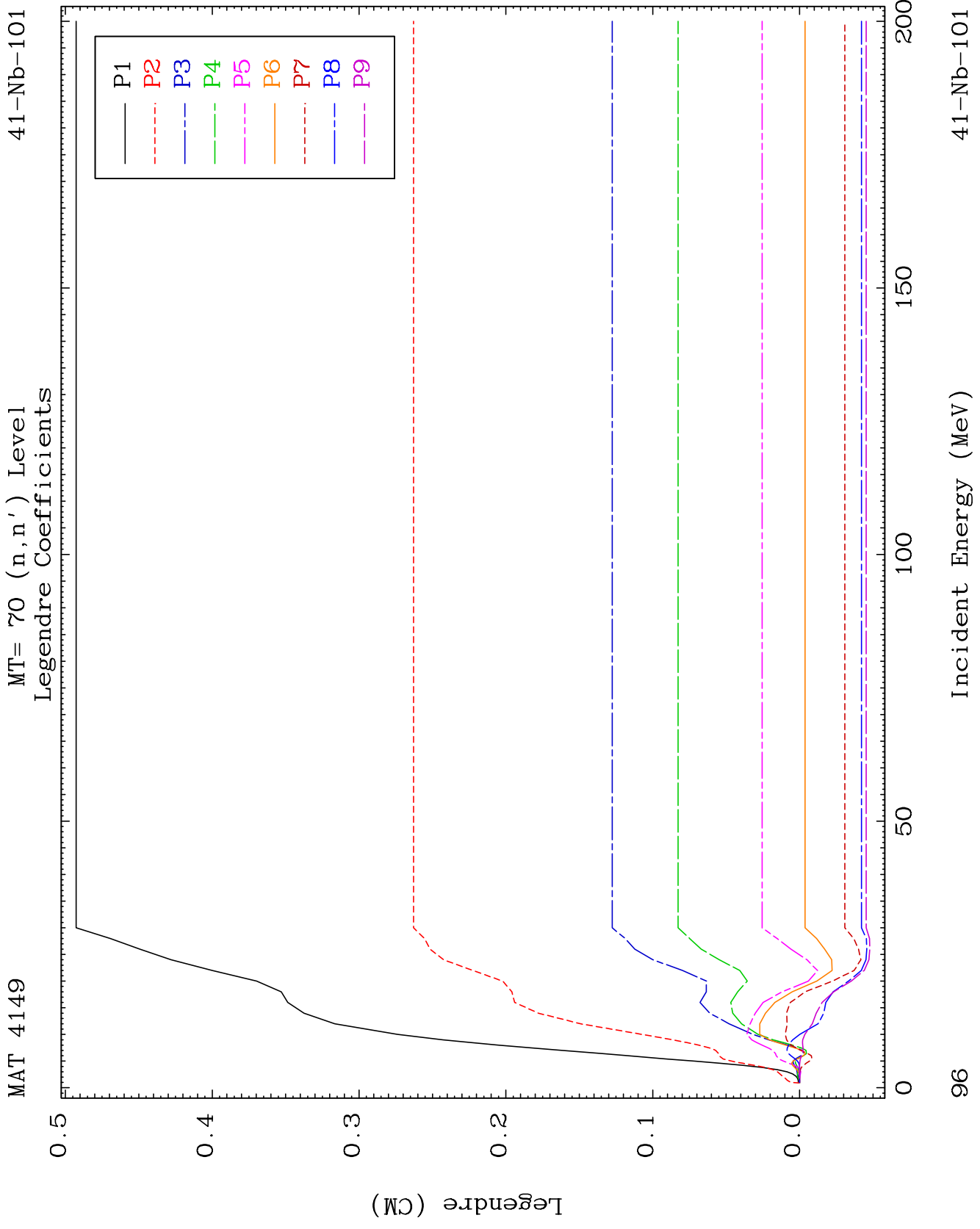
41-Nb-101



95

Incident Energy (MeV)

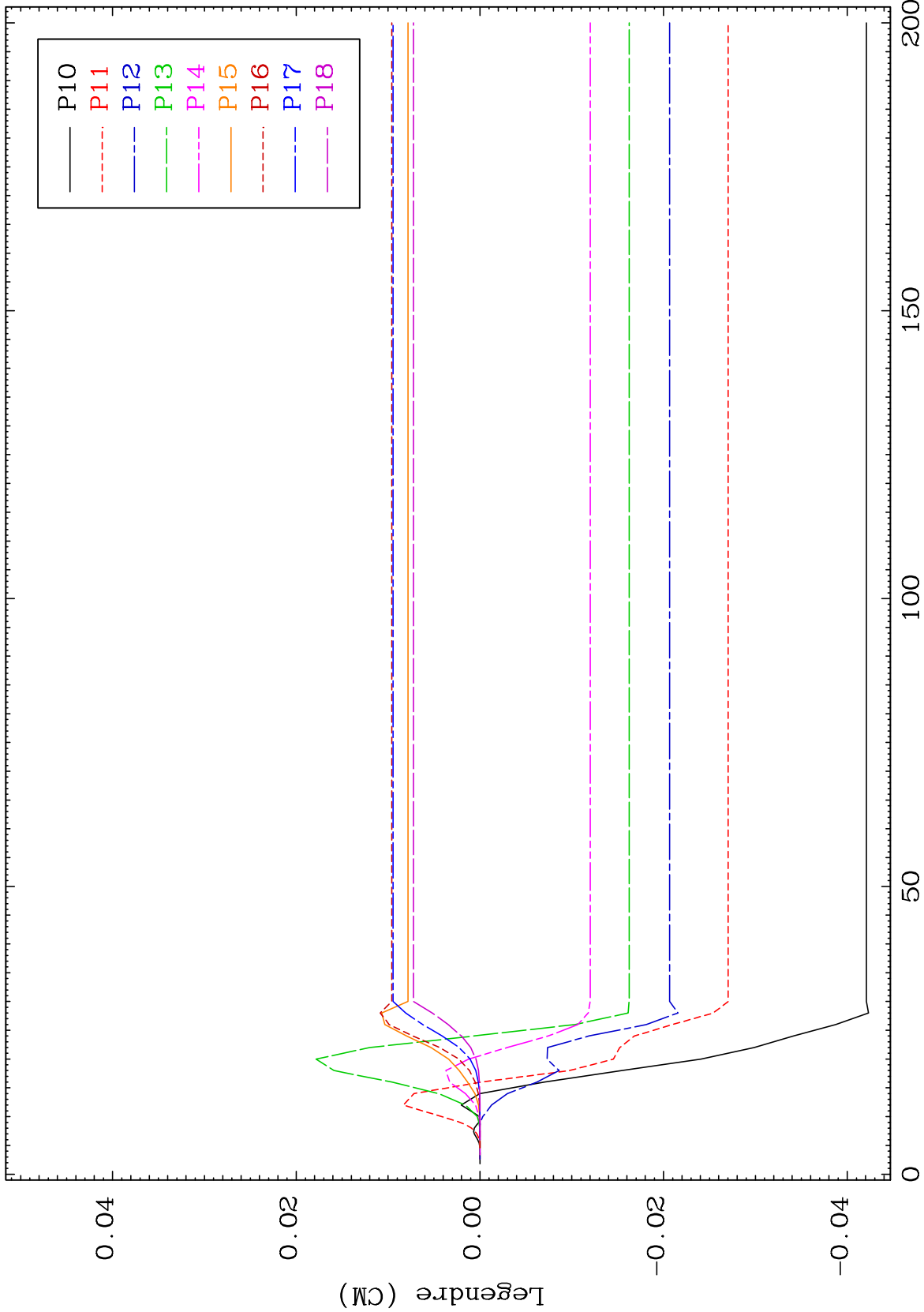
41-Nb-101



MAT 4149

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

41-Nb-101



97

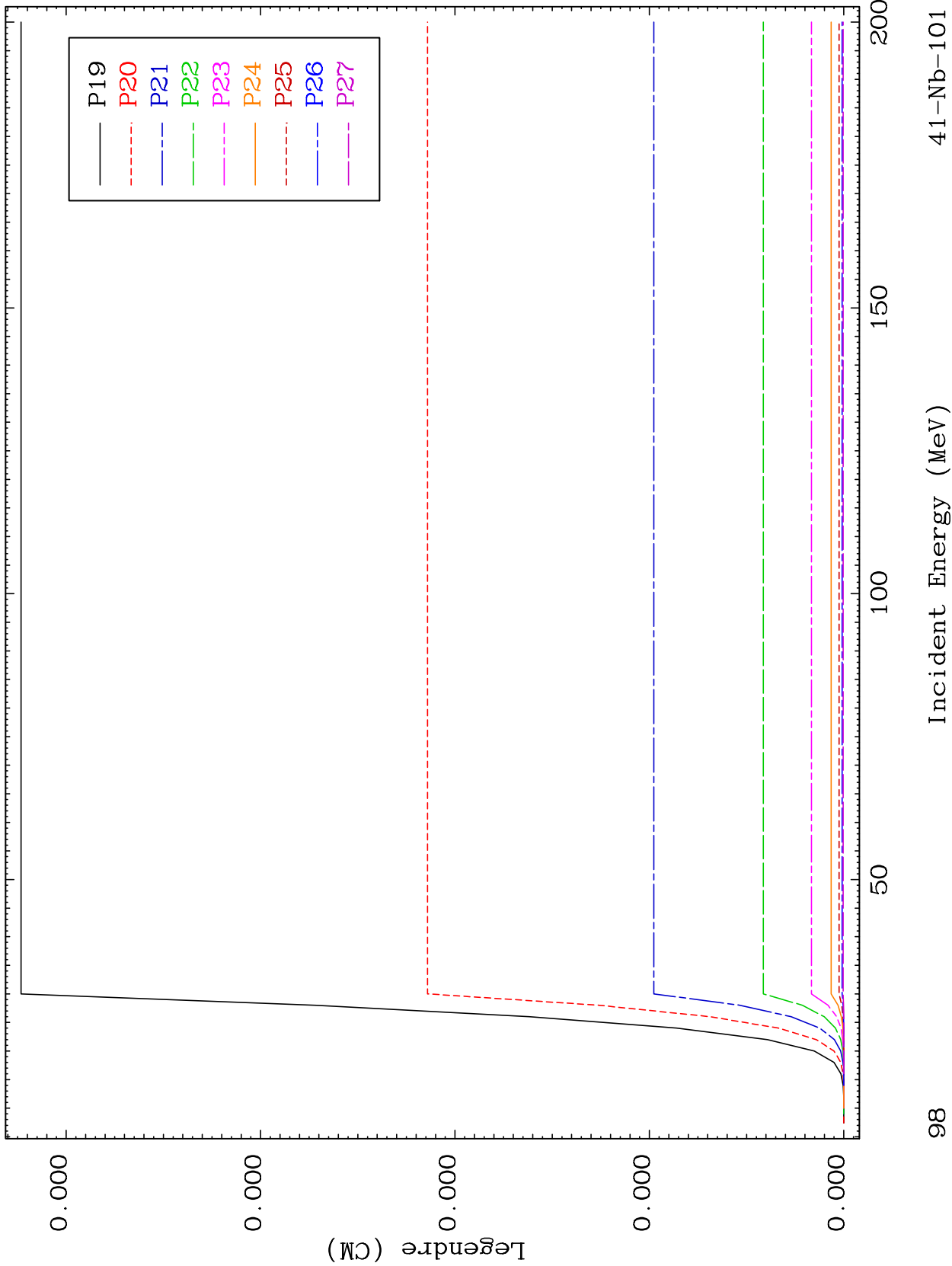
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



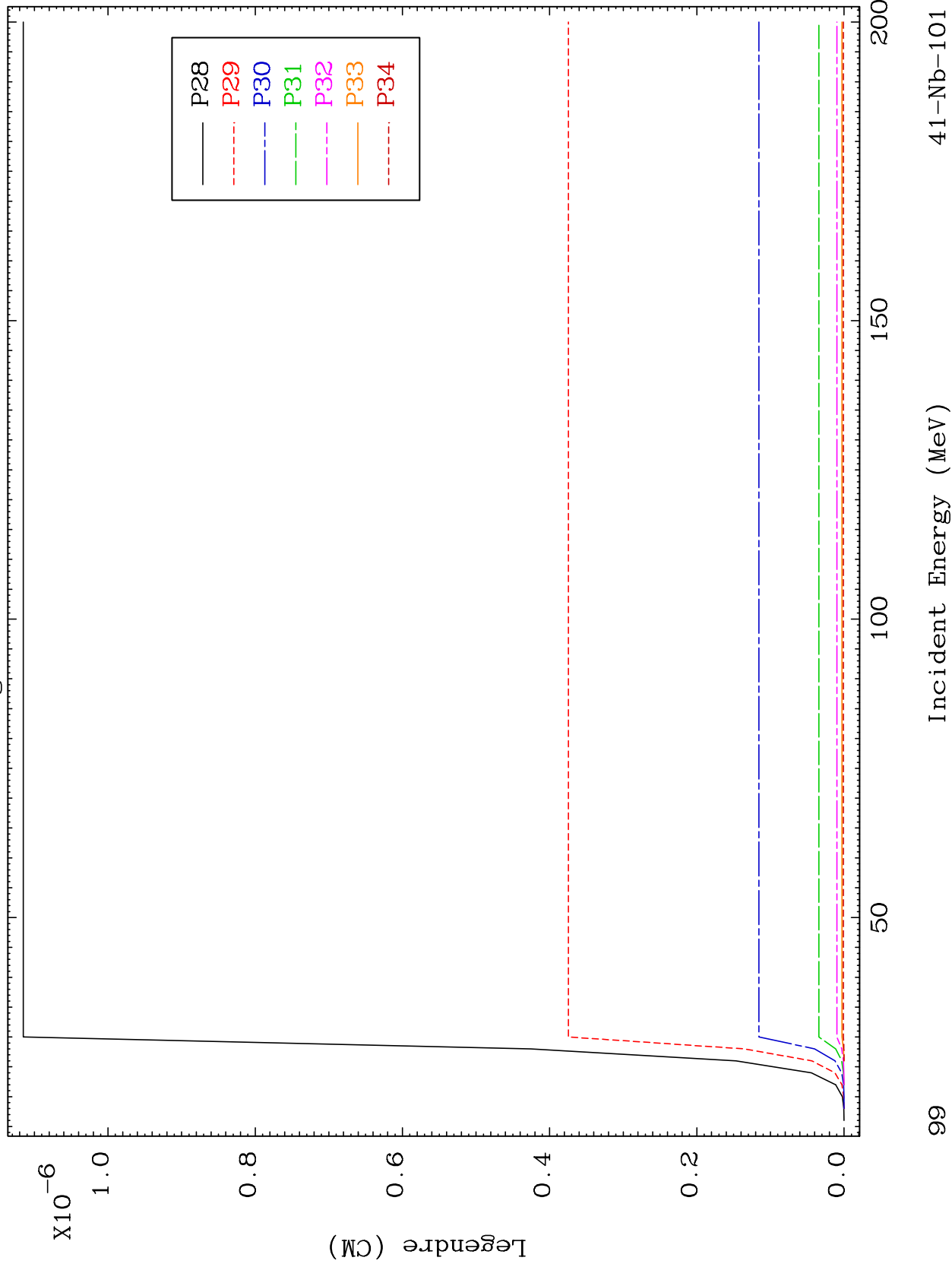
98

41-Nb-101

MAT 4149

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

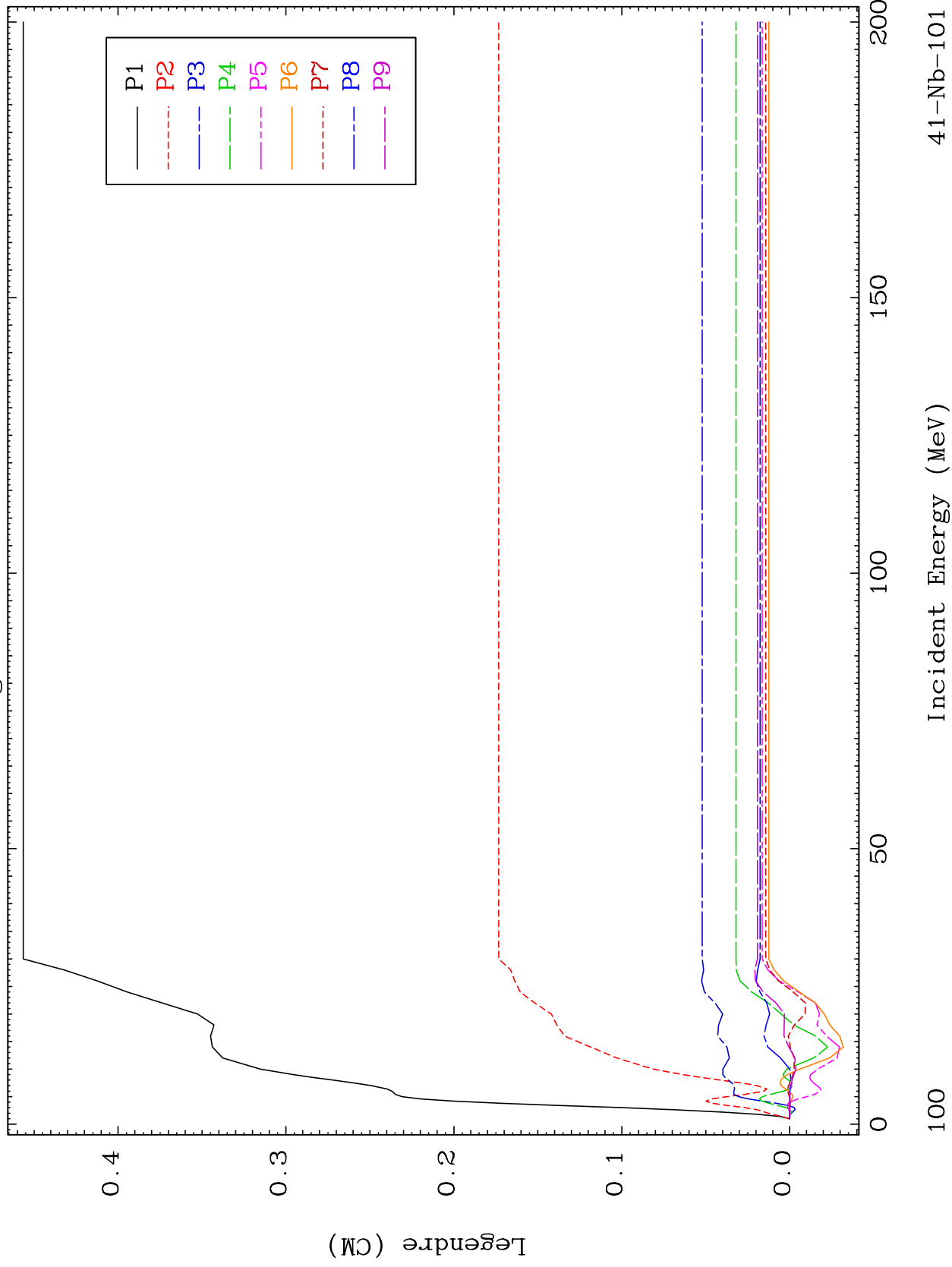
41-Nb-101



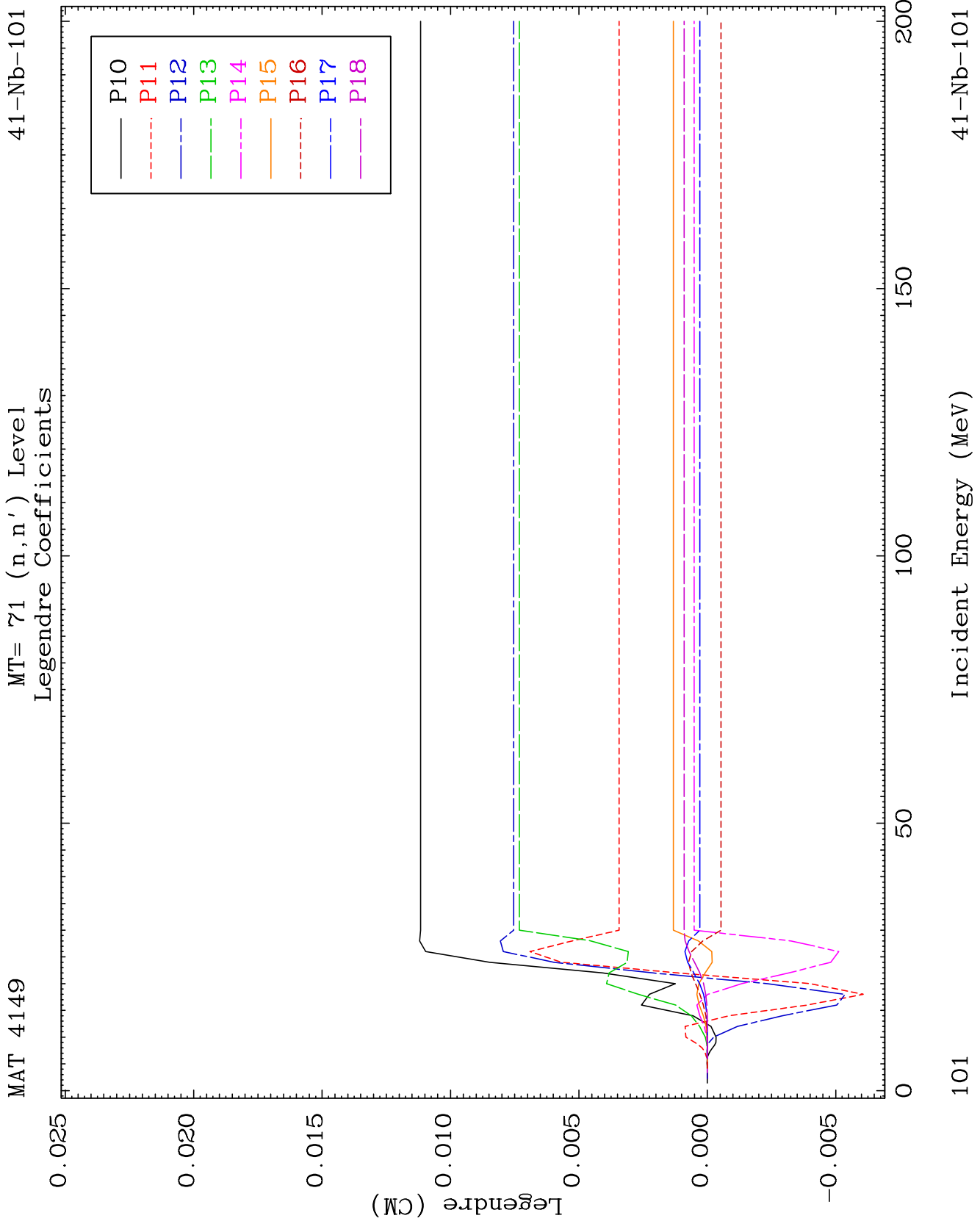
MAT 4149

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

41-Nb-101



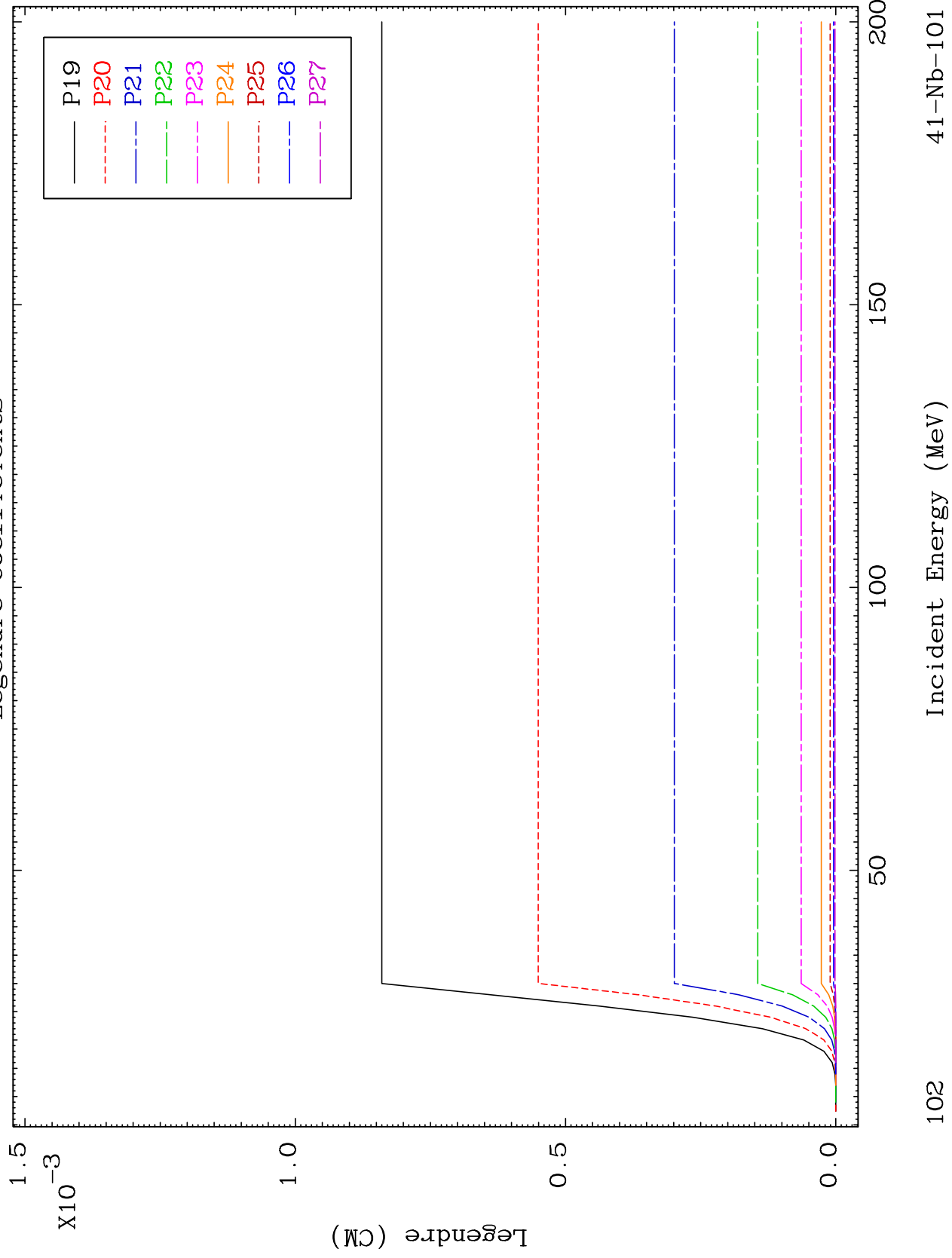
41-Nb-101



MAT 4149

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

41-Nb-101



102

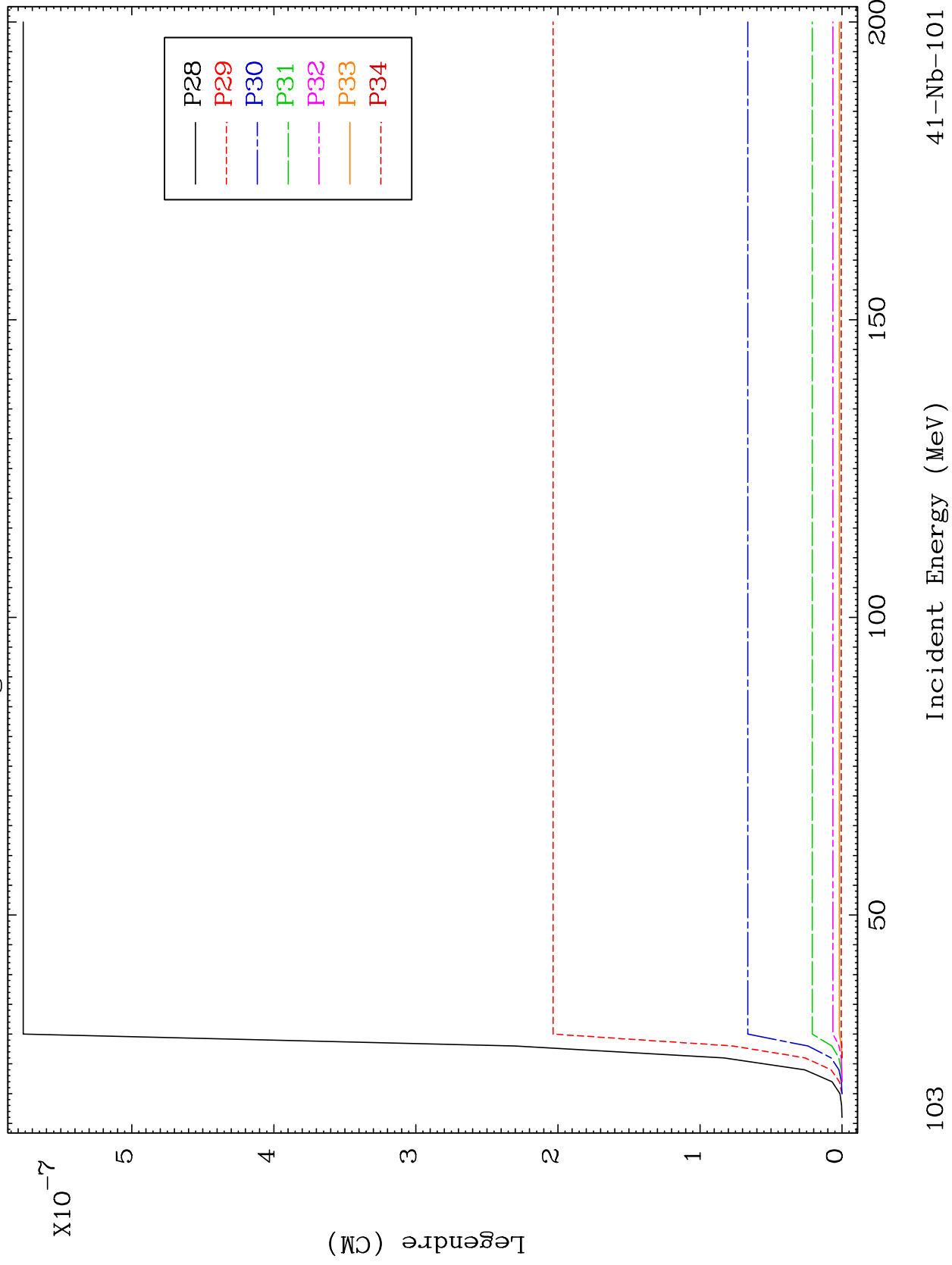
Incident Energy (MeV)

41-Nb-101

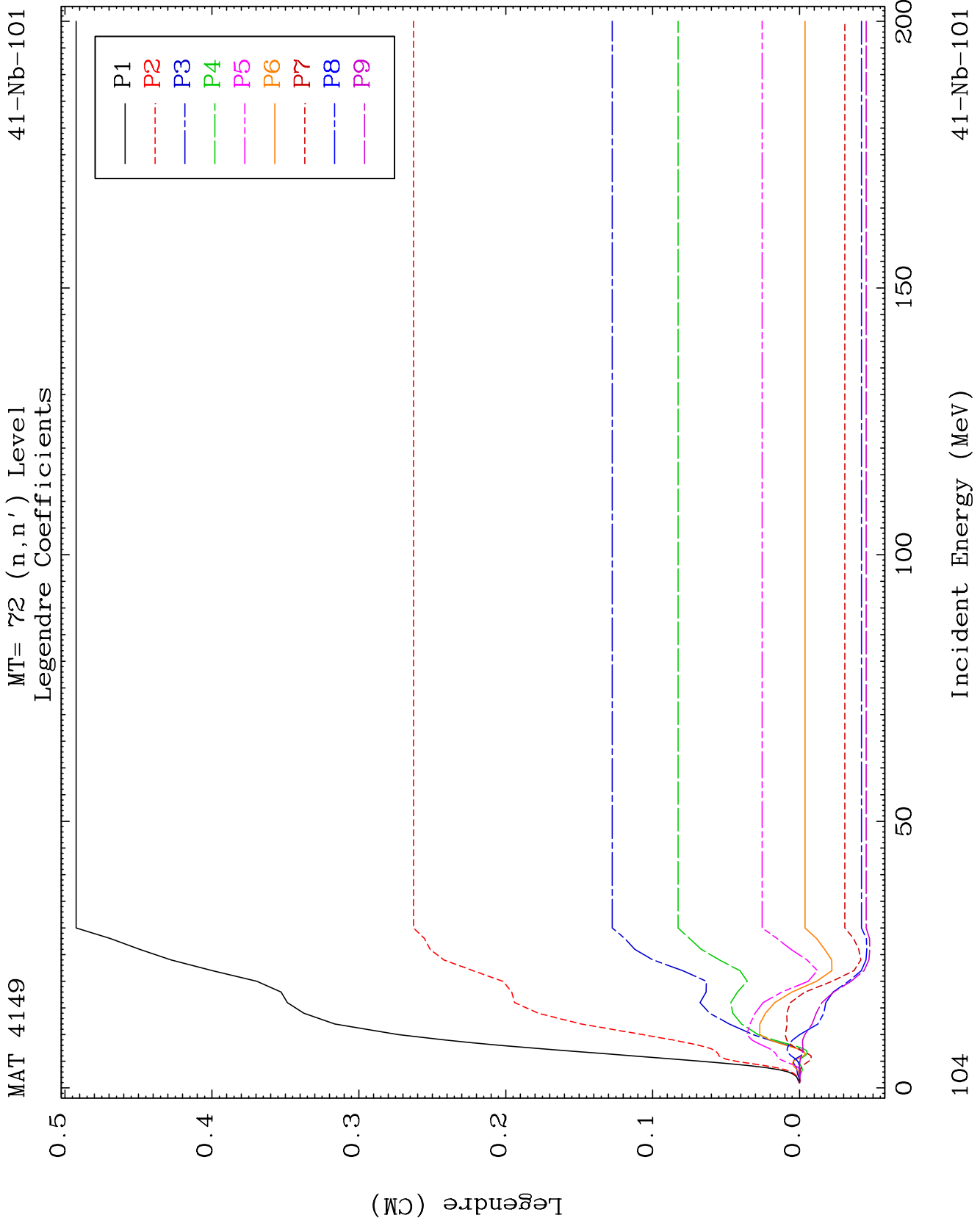
MAT 4149

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

41-Nb-101



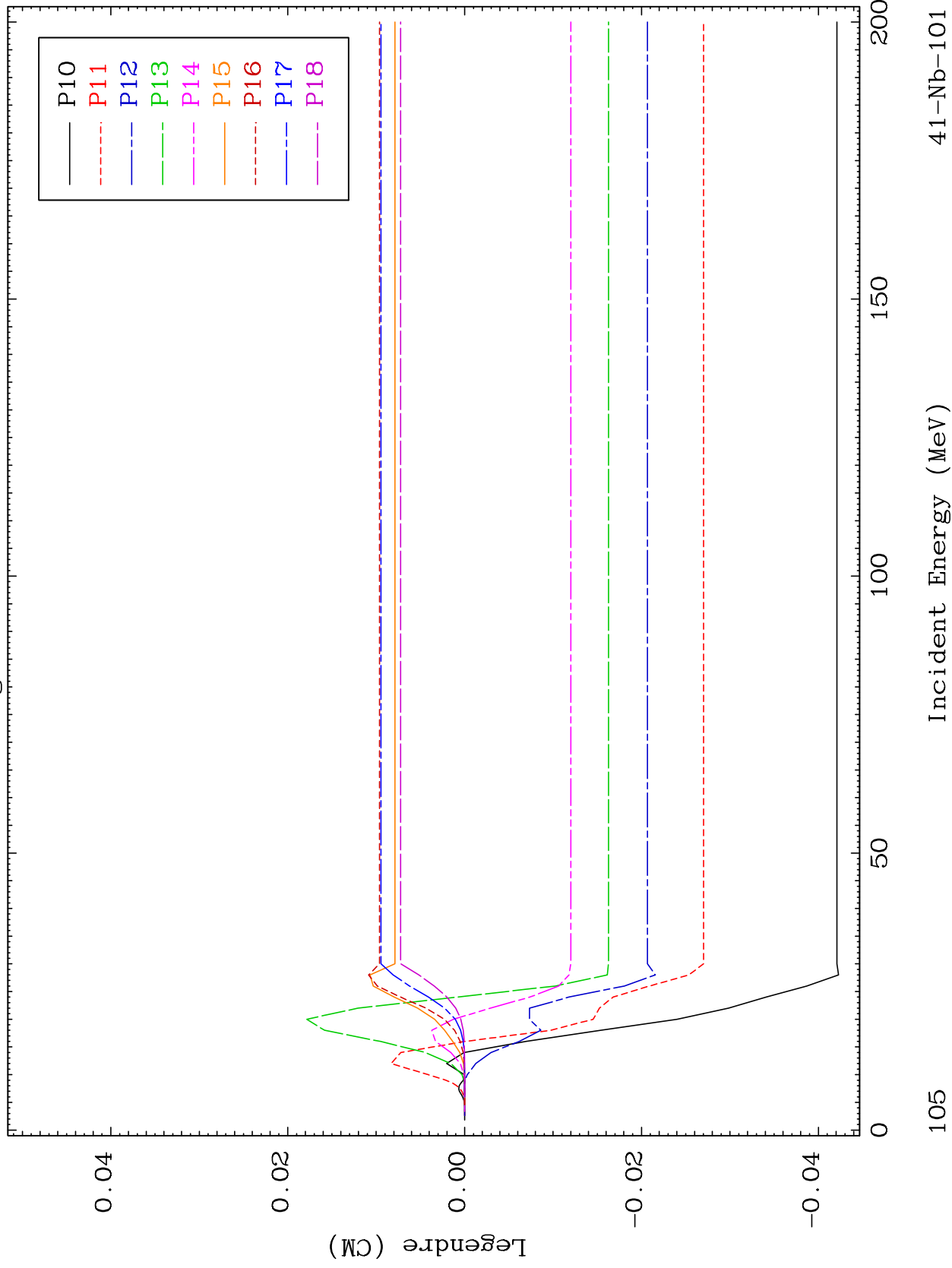
103



MAT 4149

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

41-Nb-101



41-Nb-101

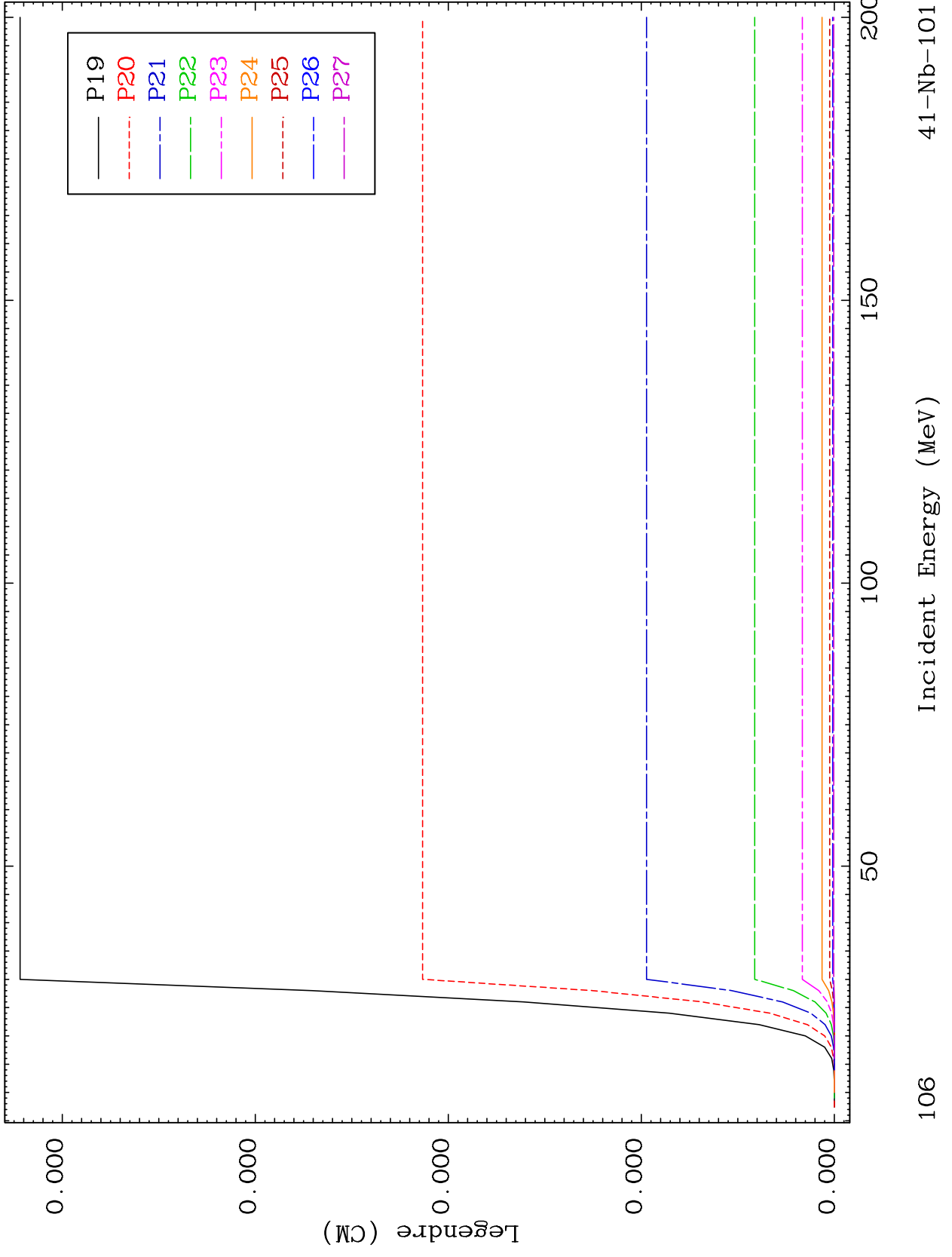
Incident Energy (MeV)

105

MAT 4149

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

41-Nb-101



106

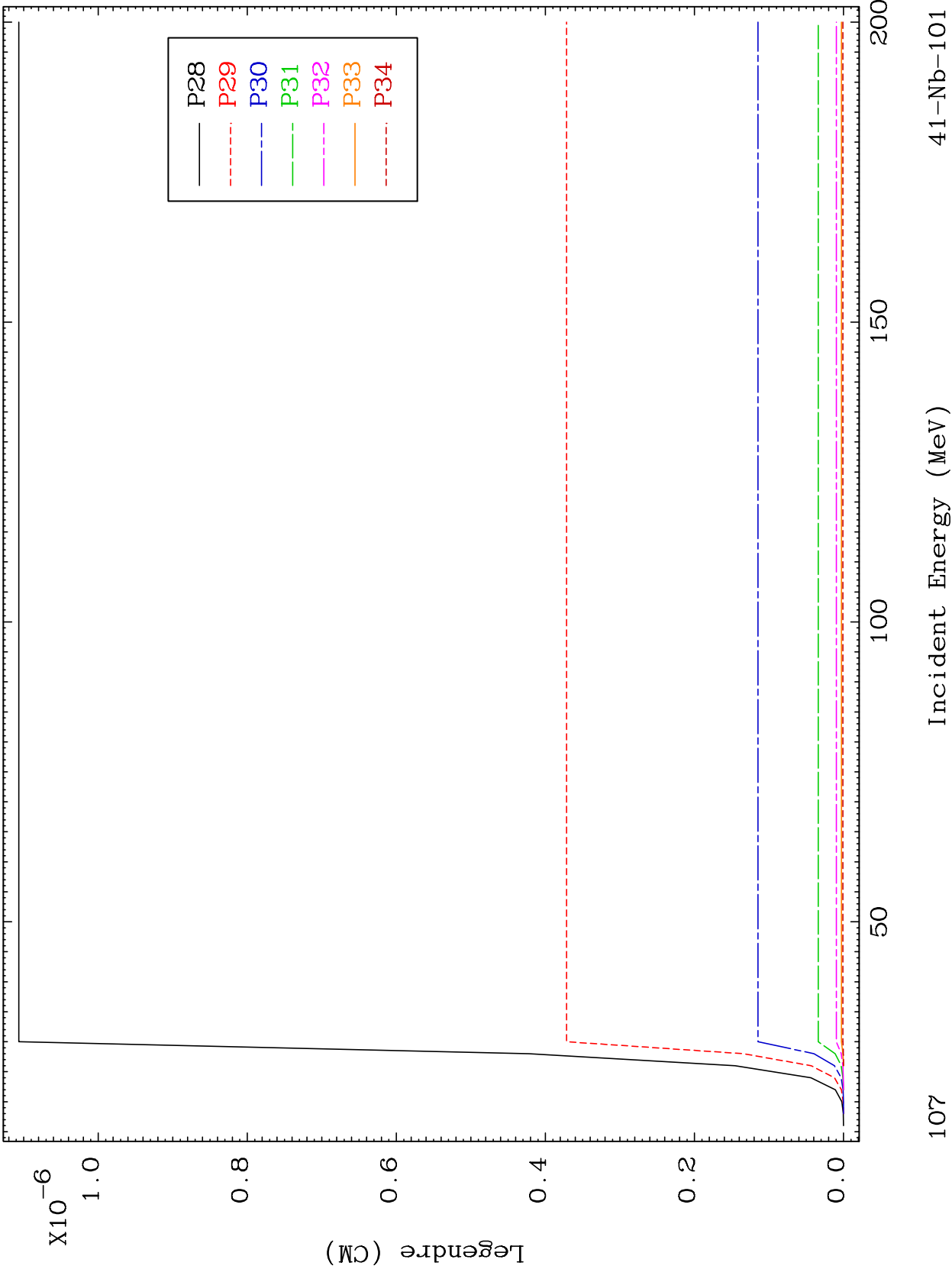
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



107

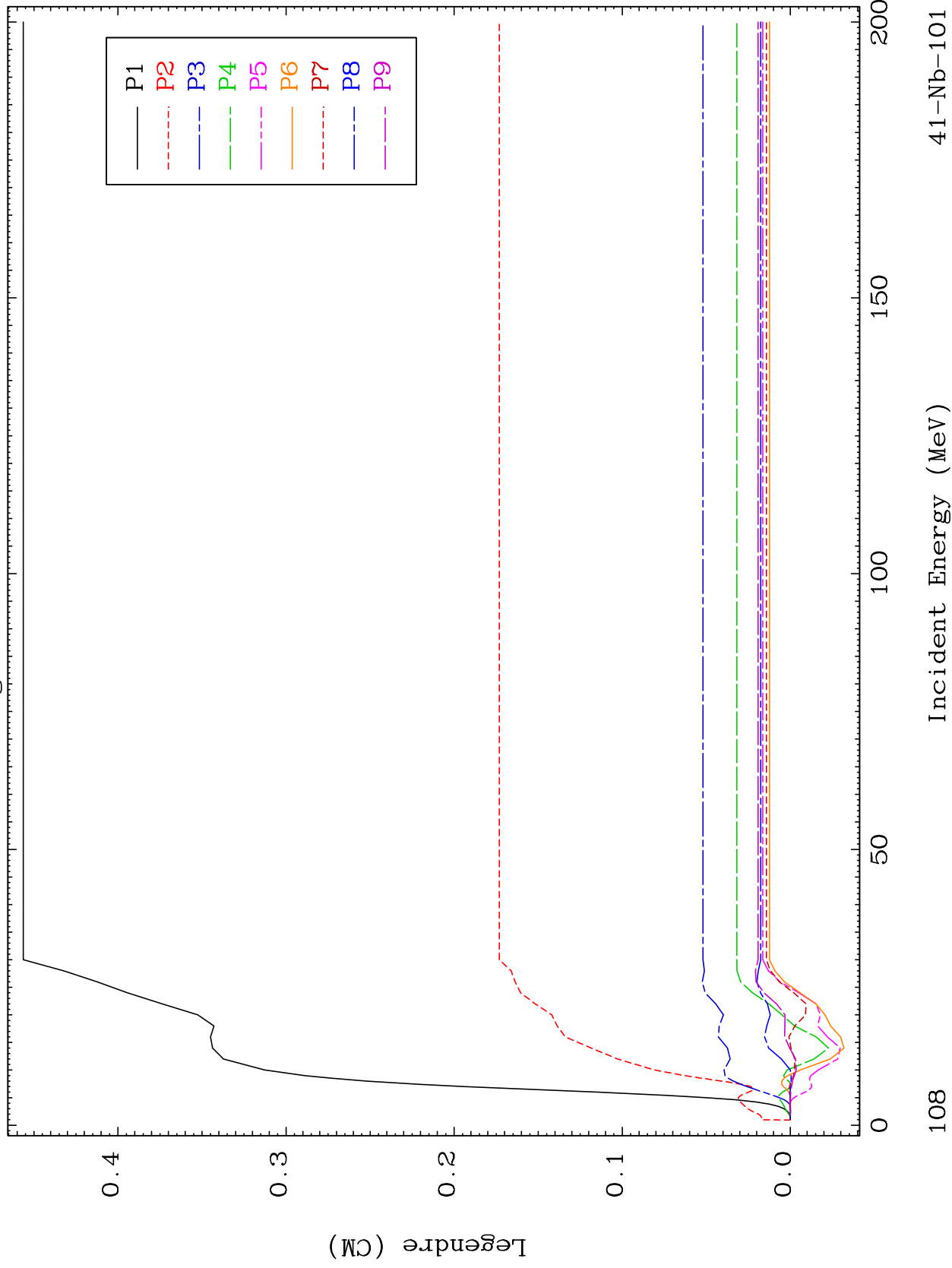
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

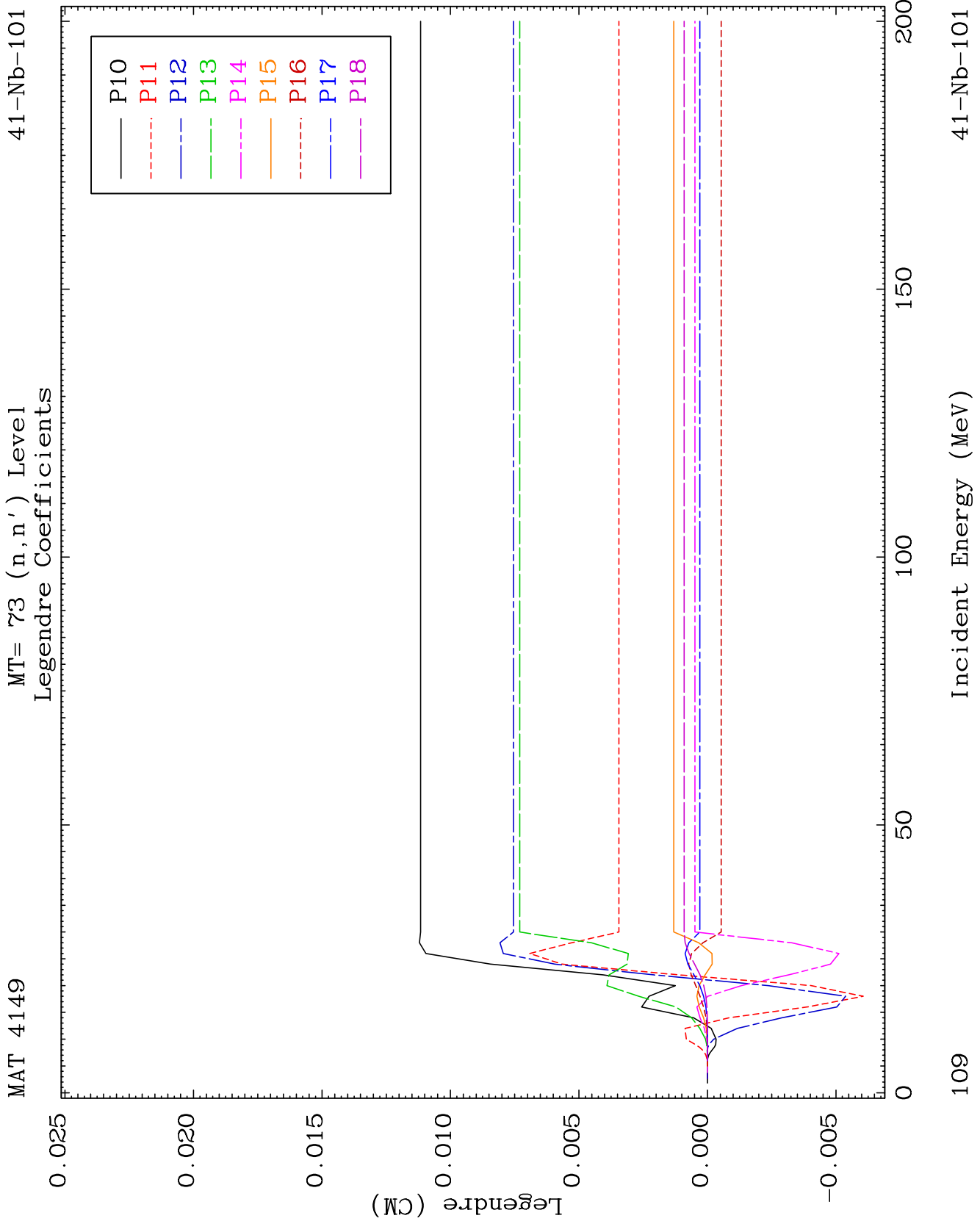
41-Nb-101



41-Nb-101

Incident Energy (MeV)

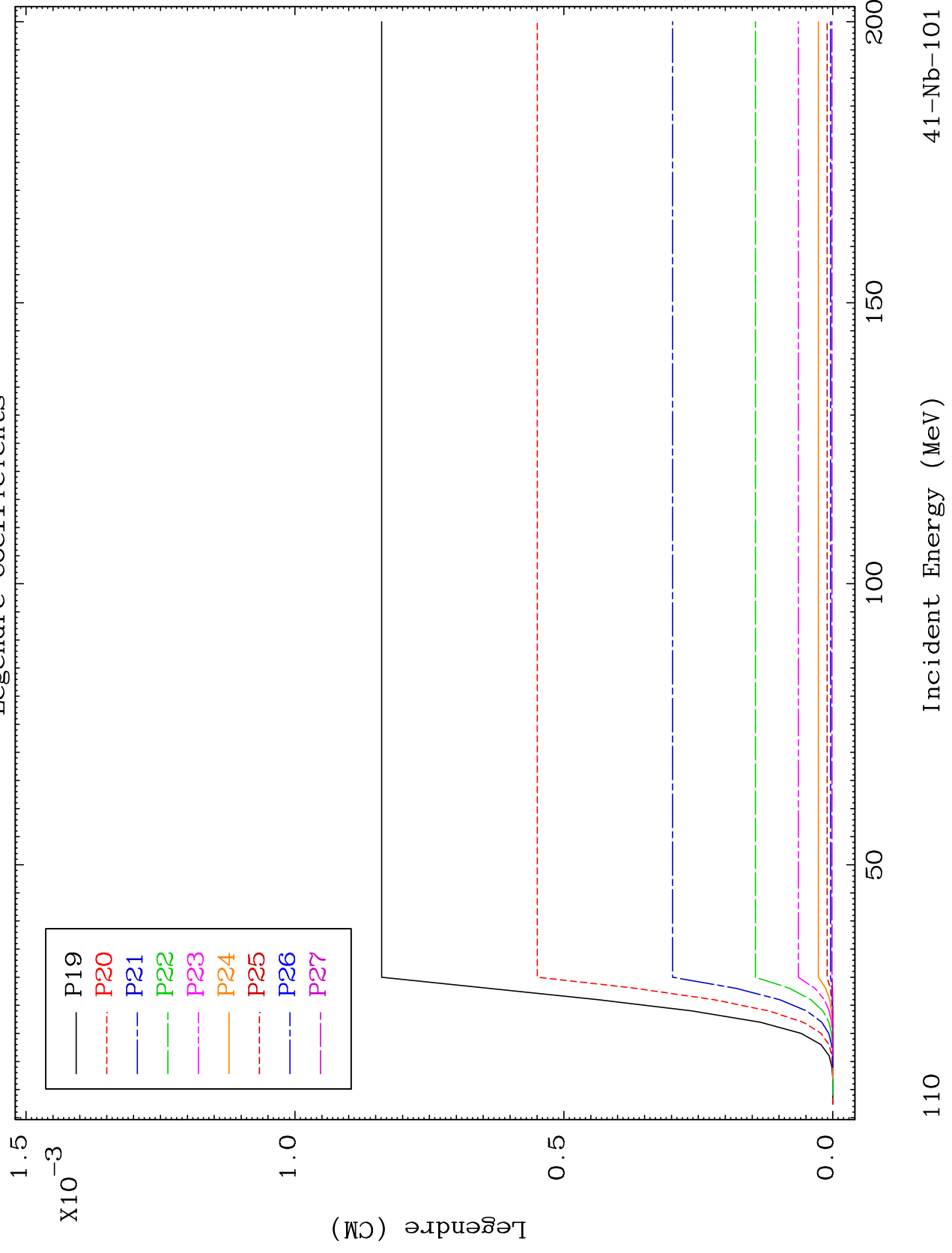
108



MAT 4149

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

41-Nb-101



110

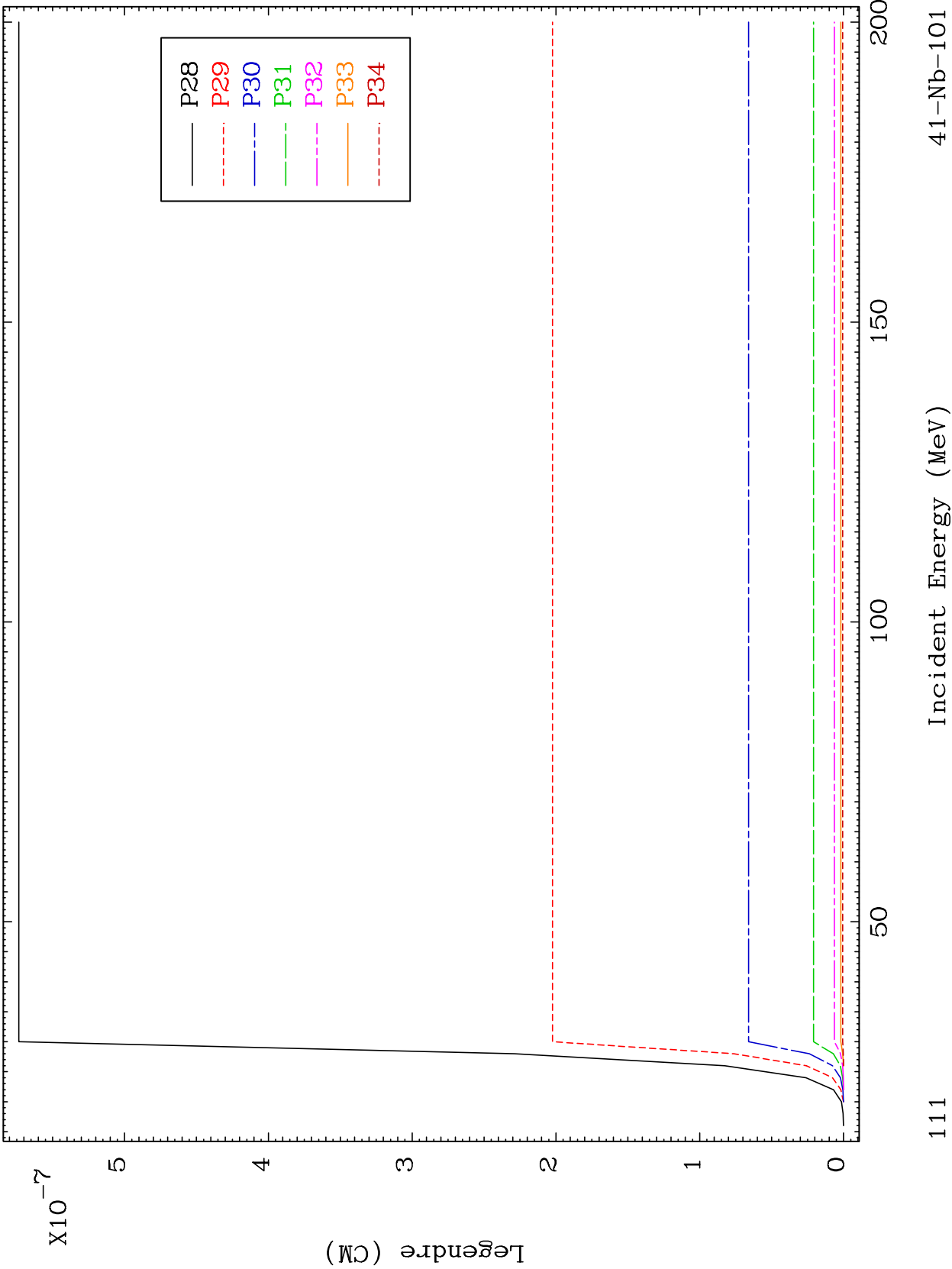
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



111

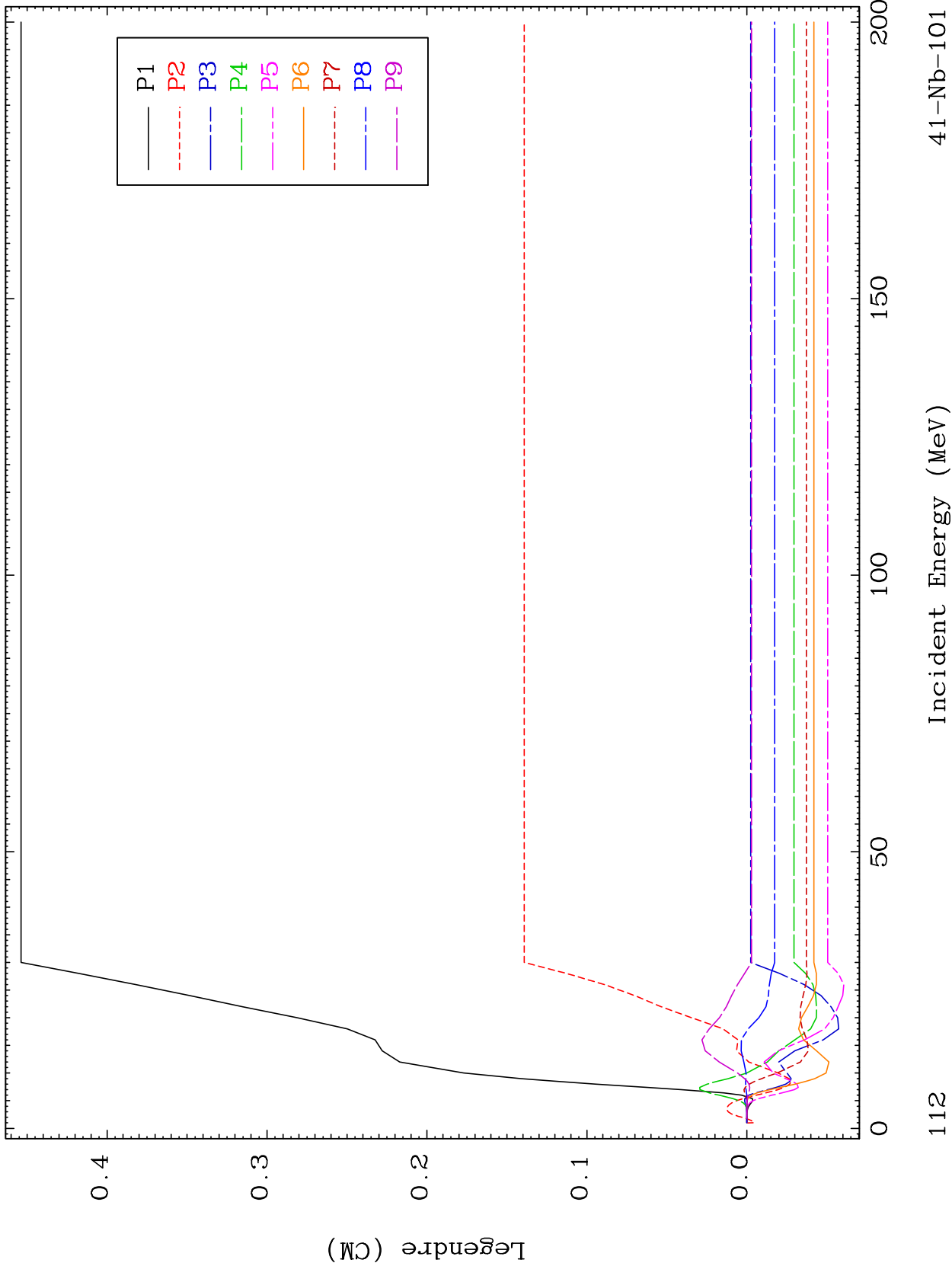
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



112

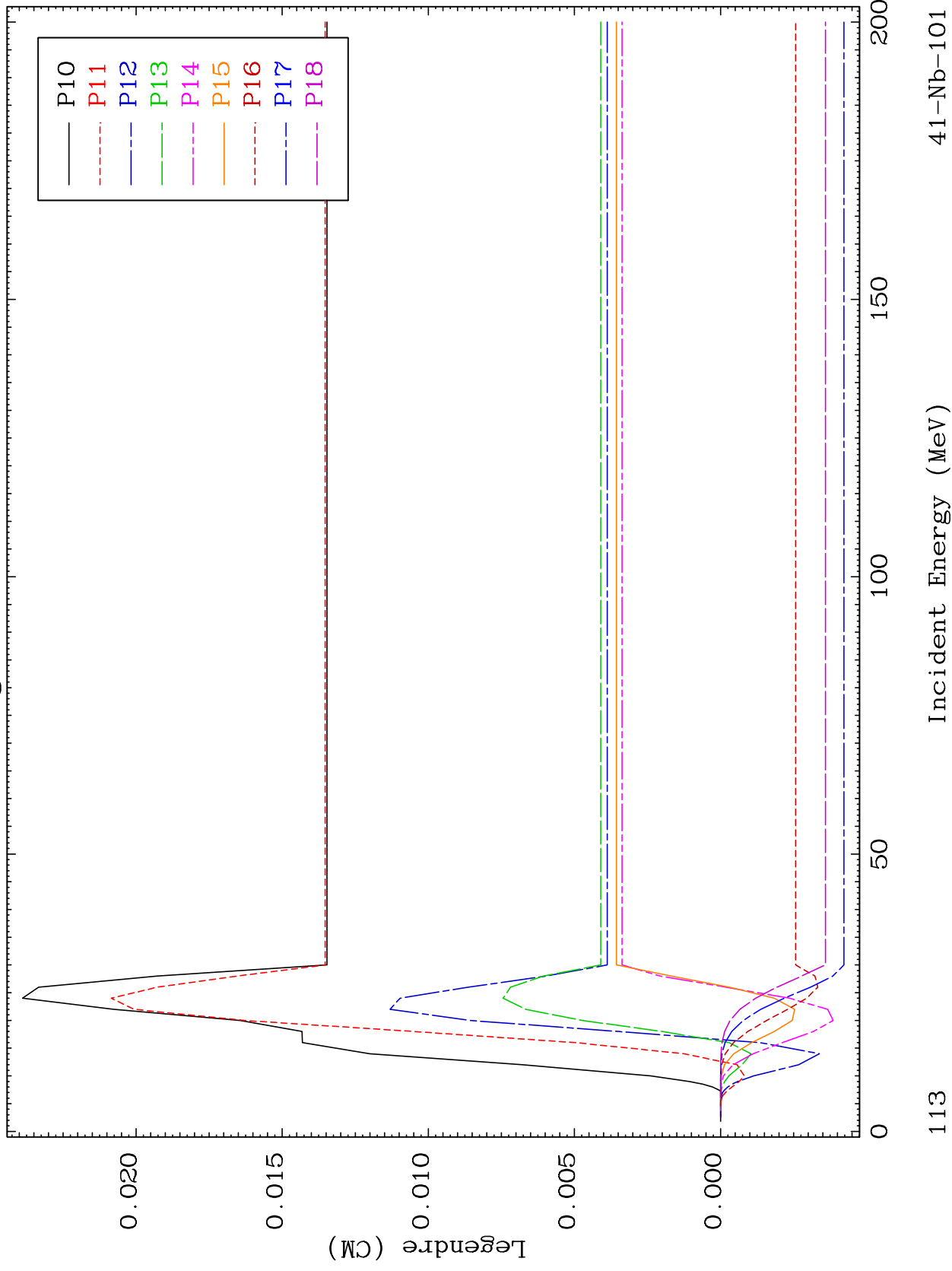
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101

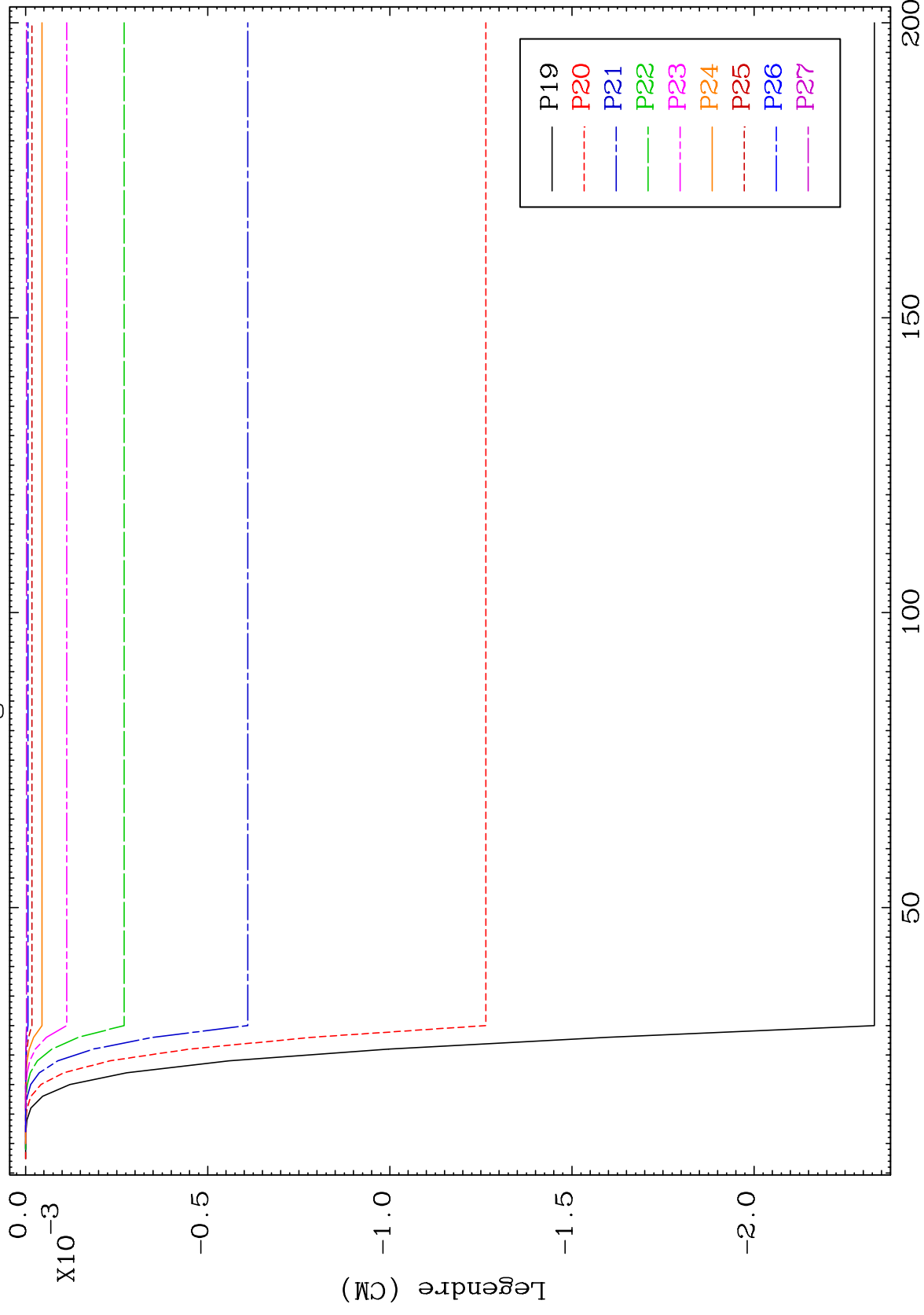


113

MAT 4149

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

41-Nb-101



114

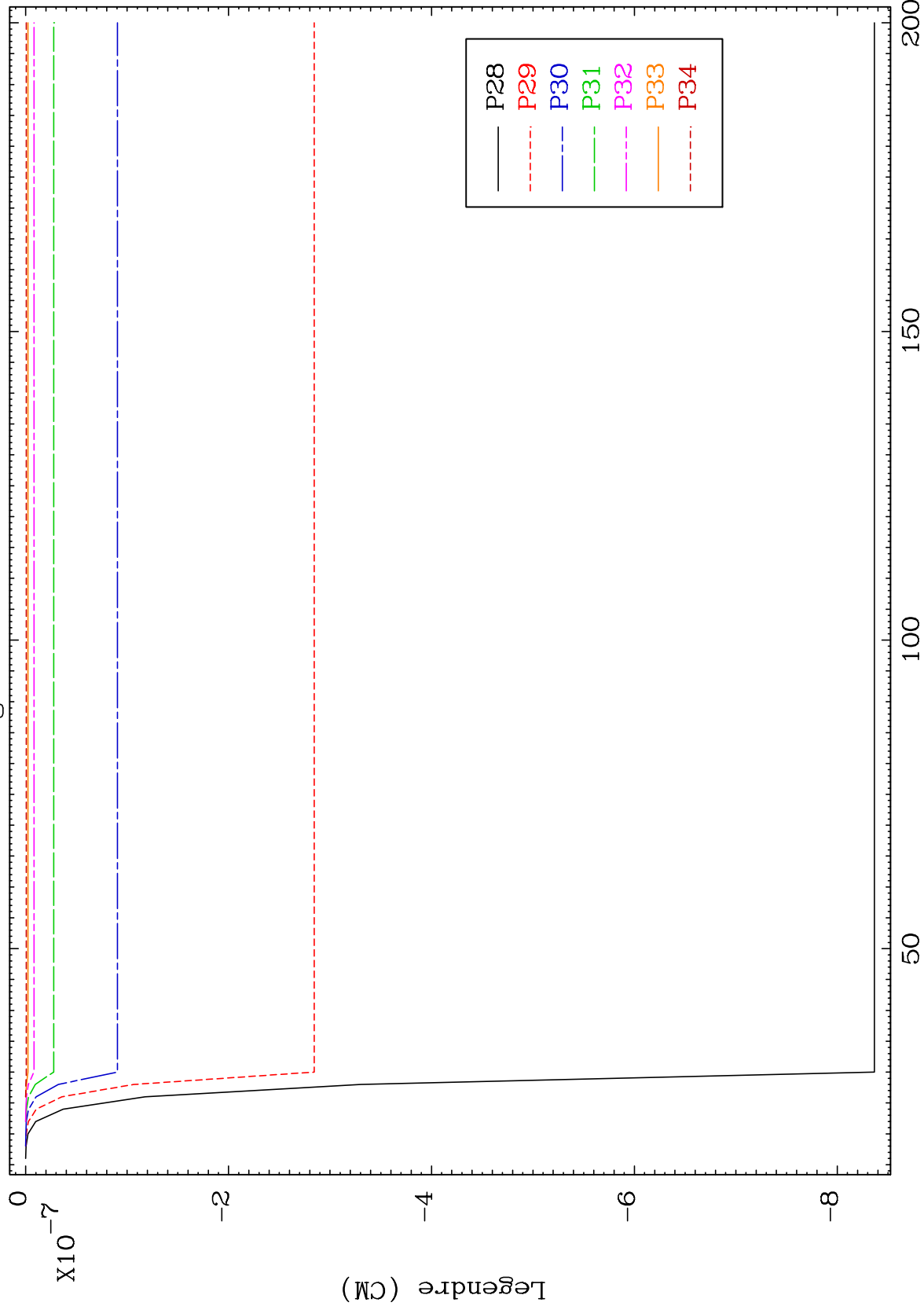
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



115

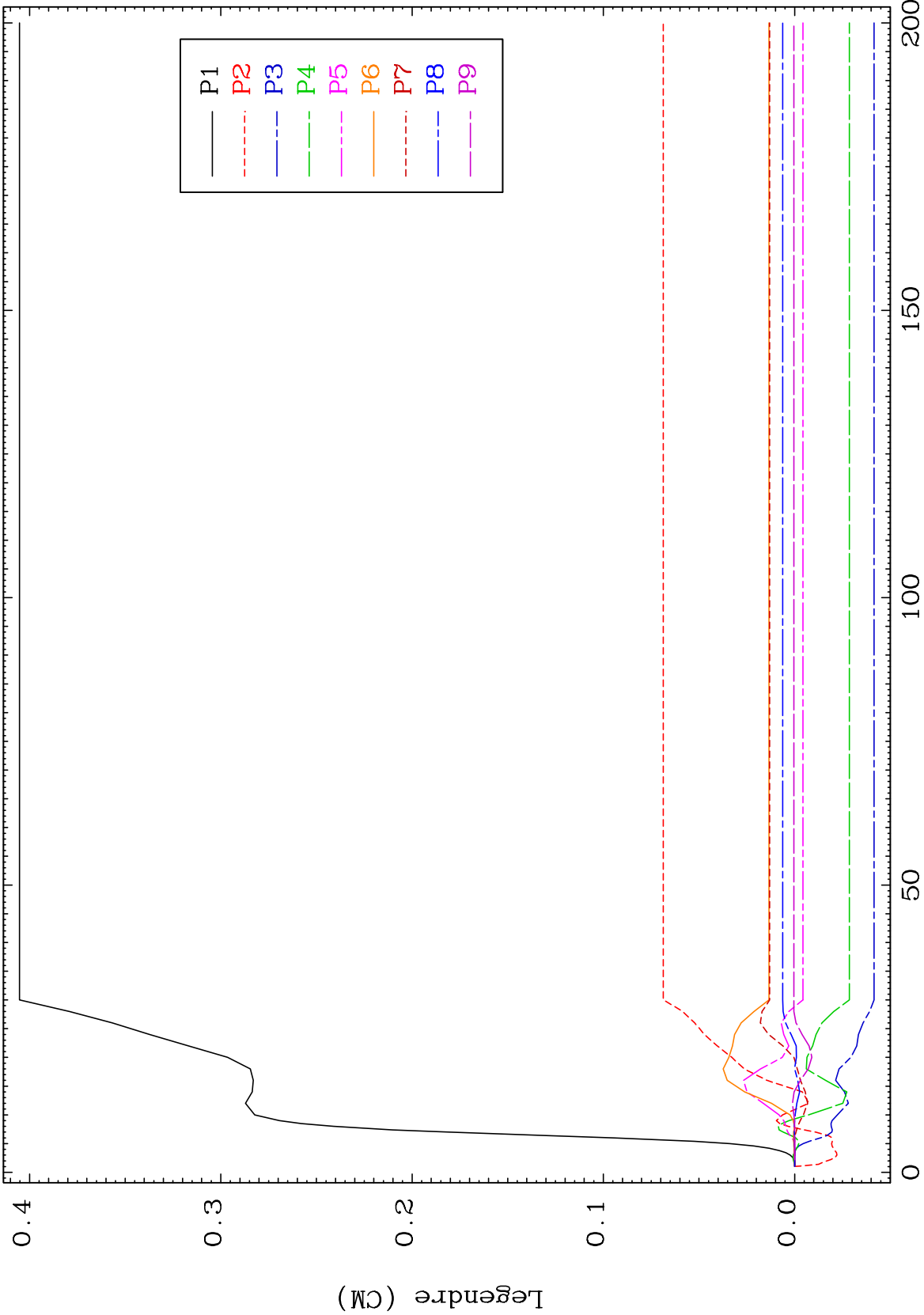
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



116

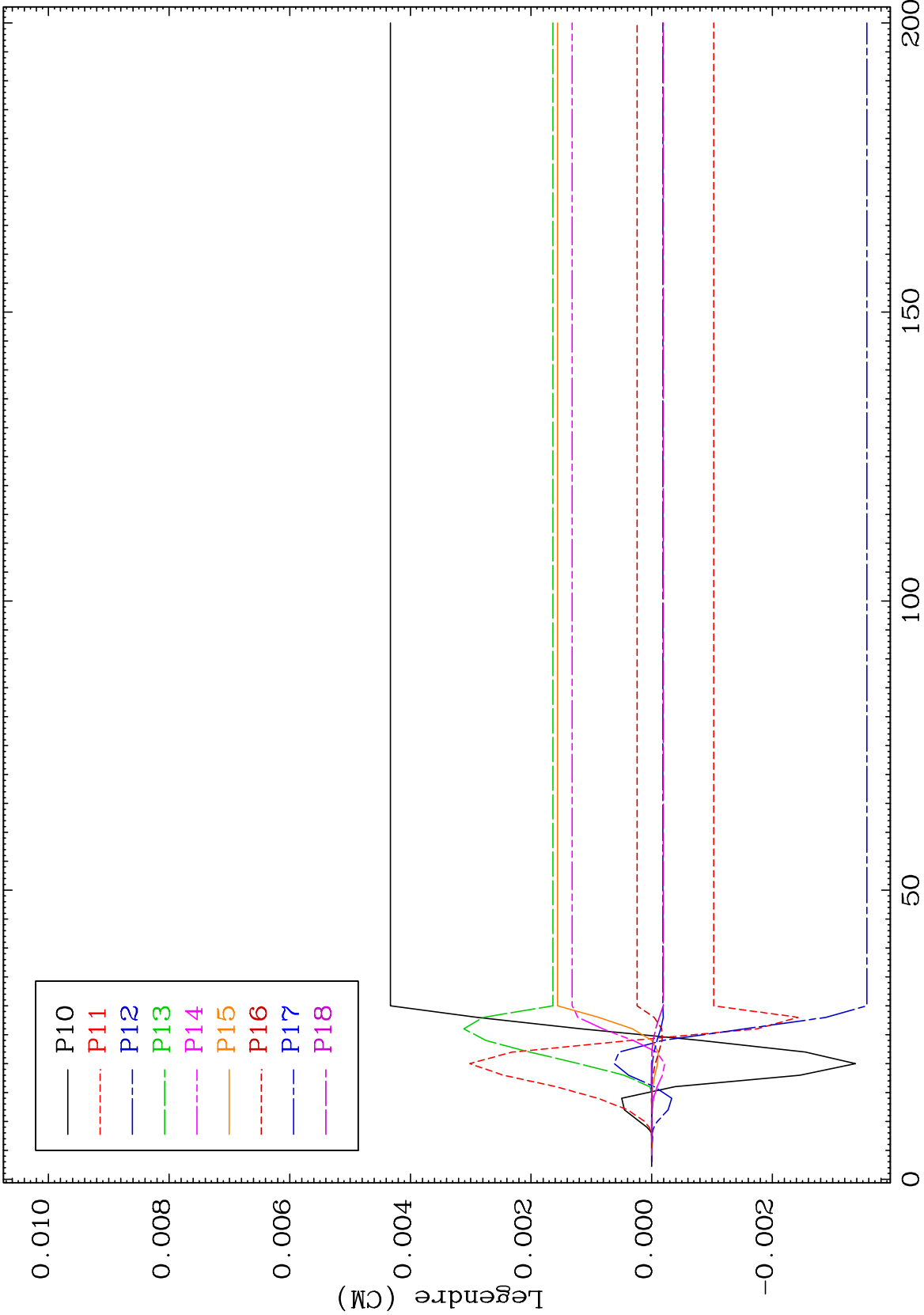
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



117

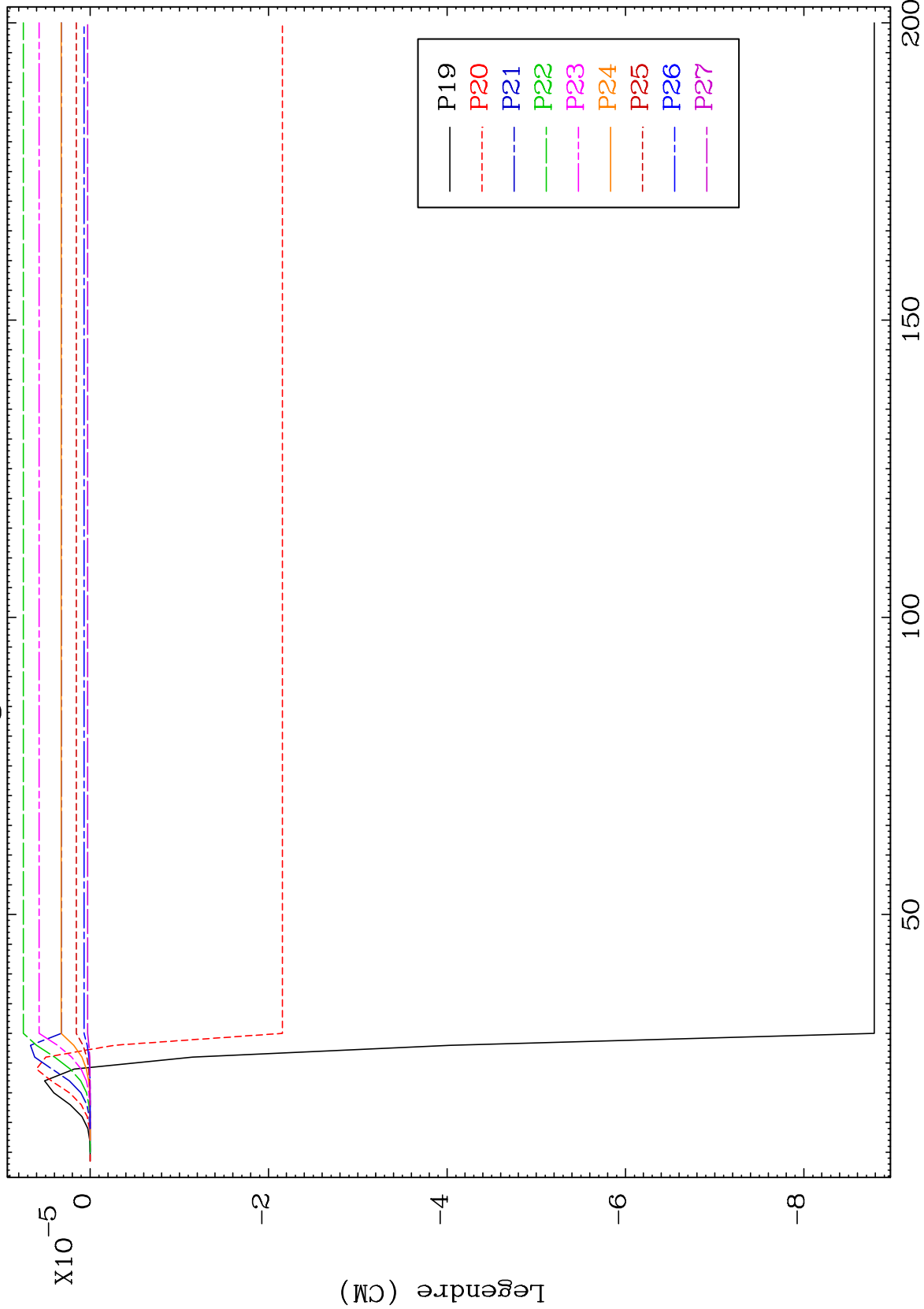
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



118

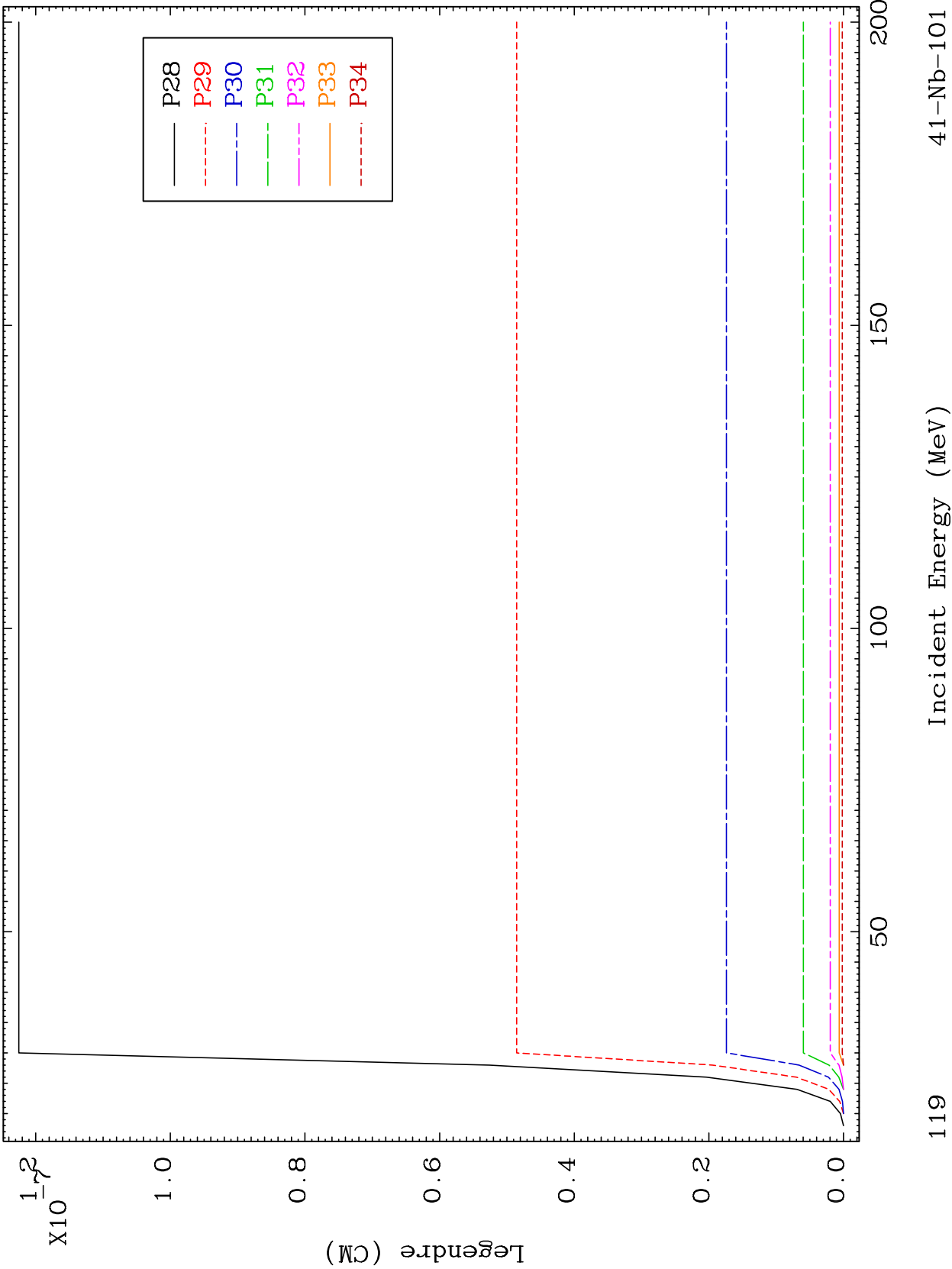
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

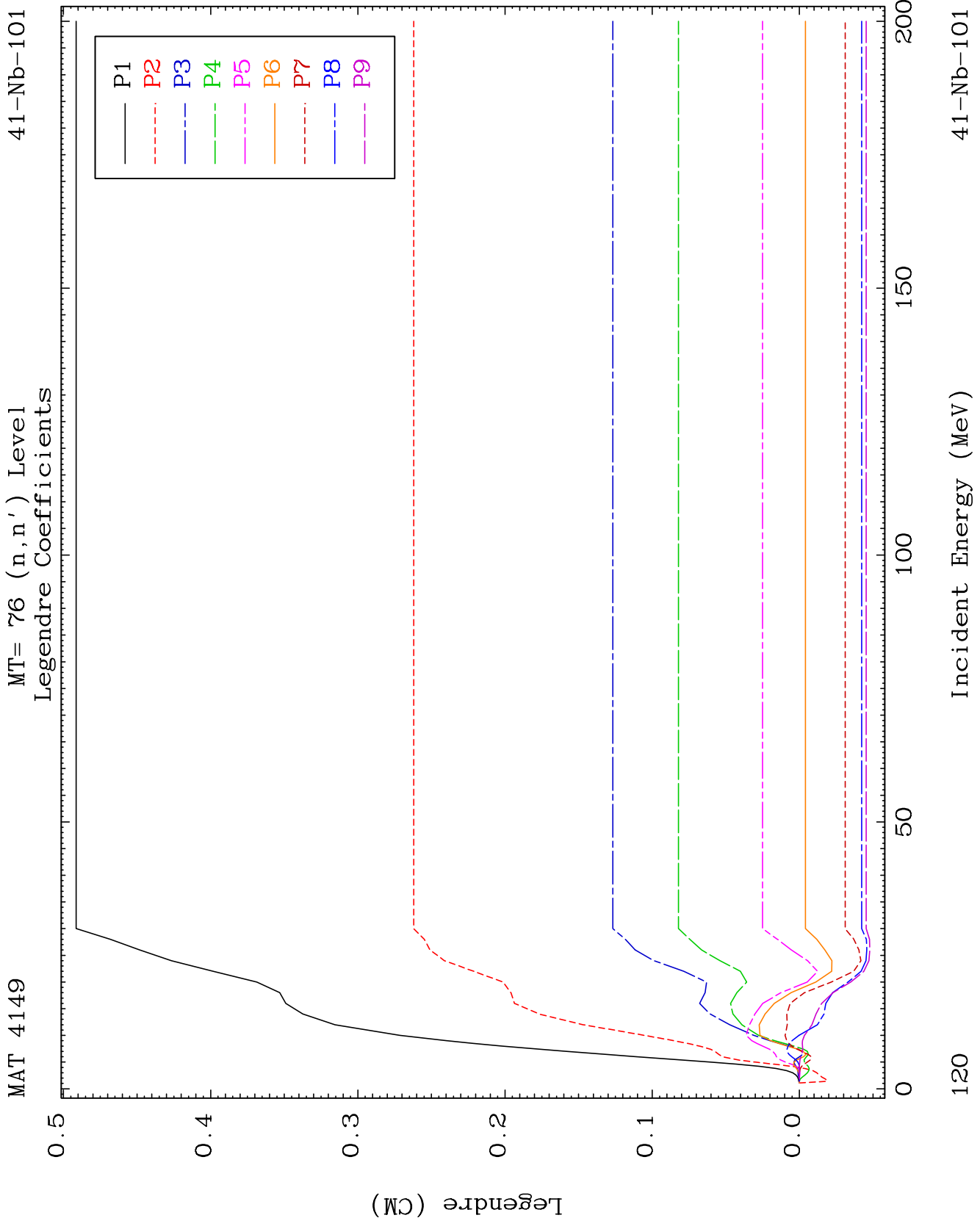
41-Nb-101



119

Incident Energy (MeV)

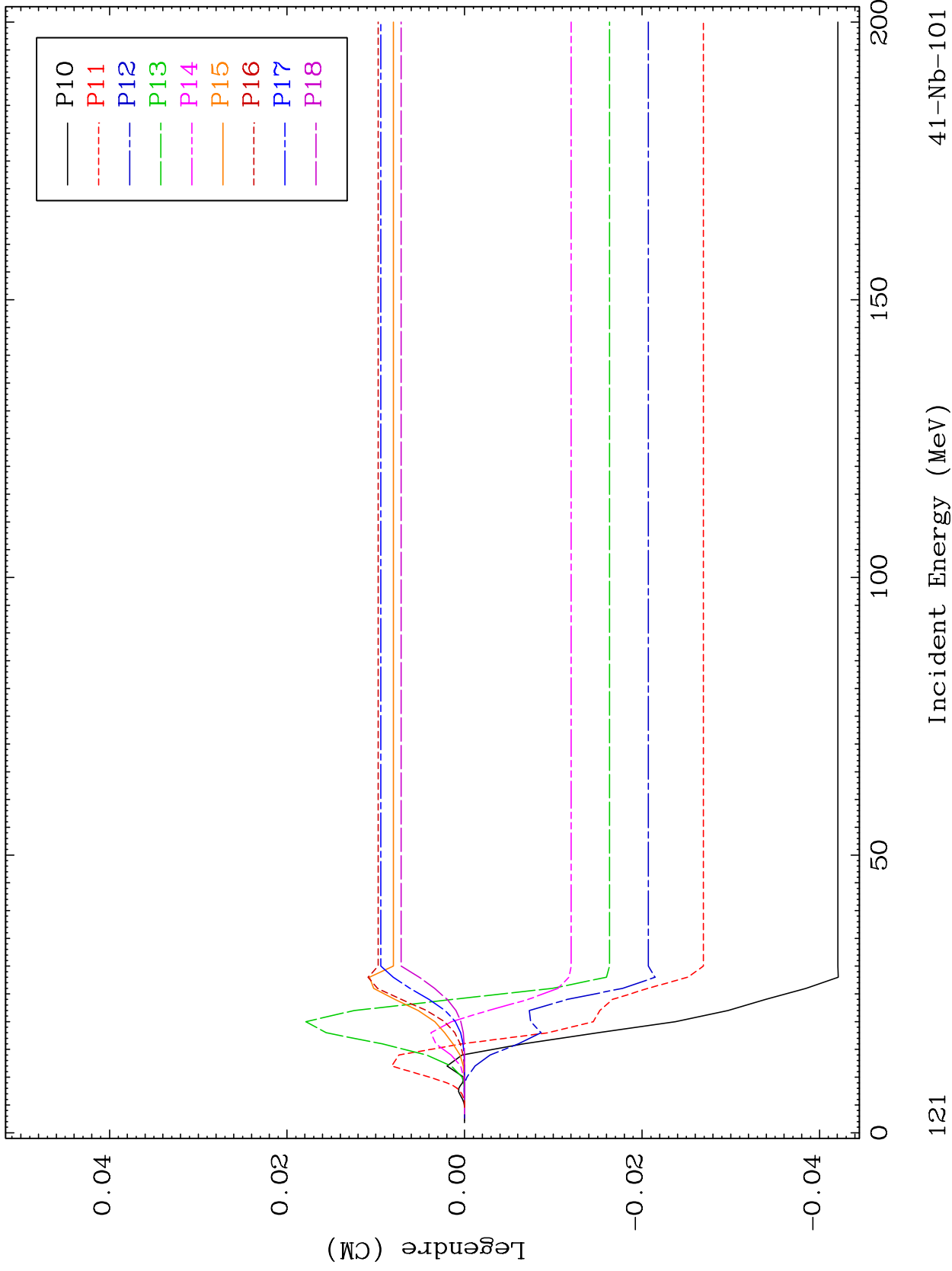
41-Nb-101



MAT 4149

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

41-Nb-101



121

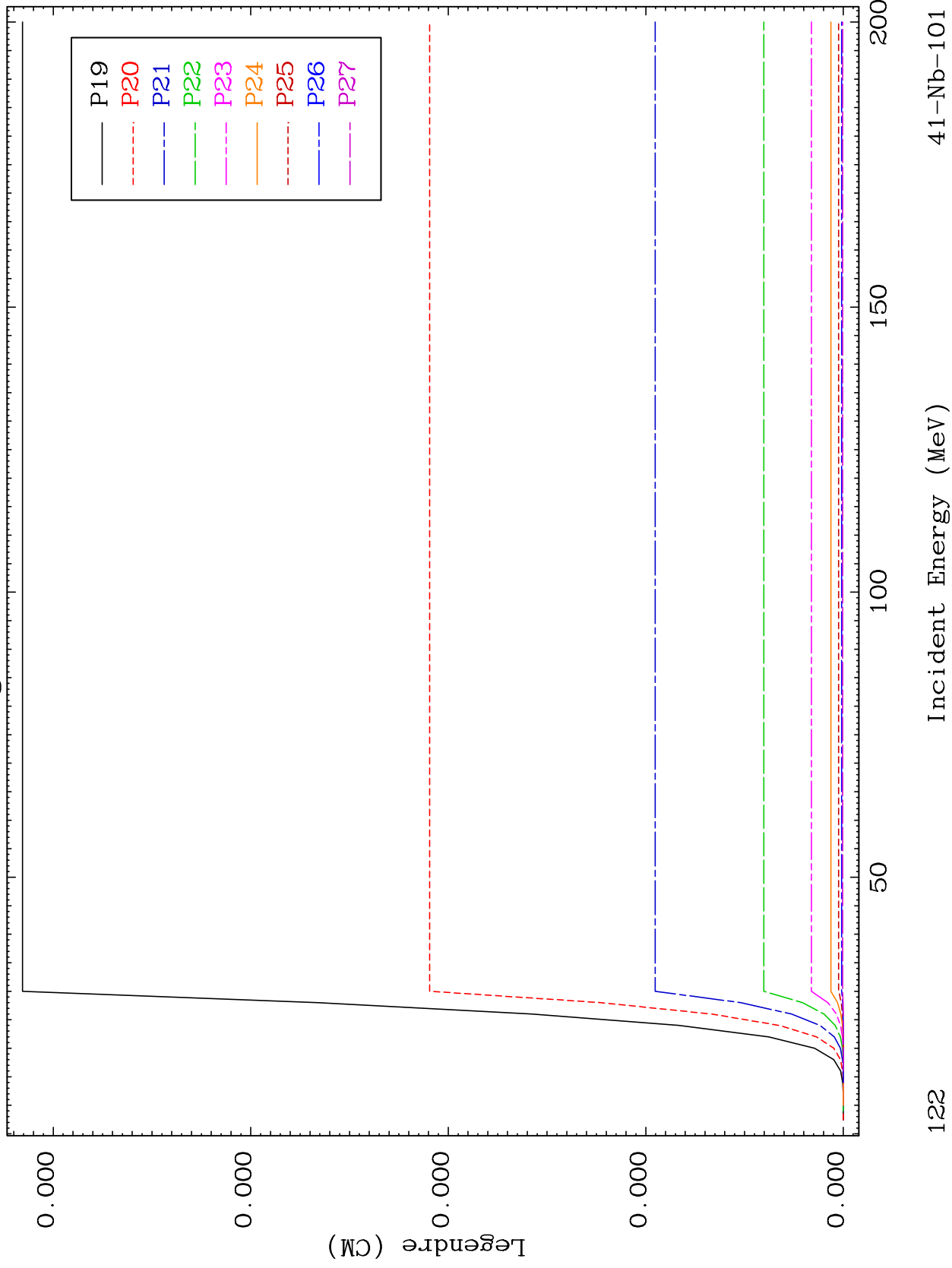
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



122

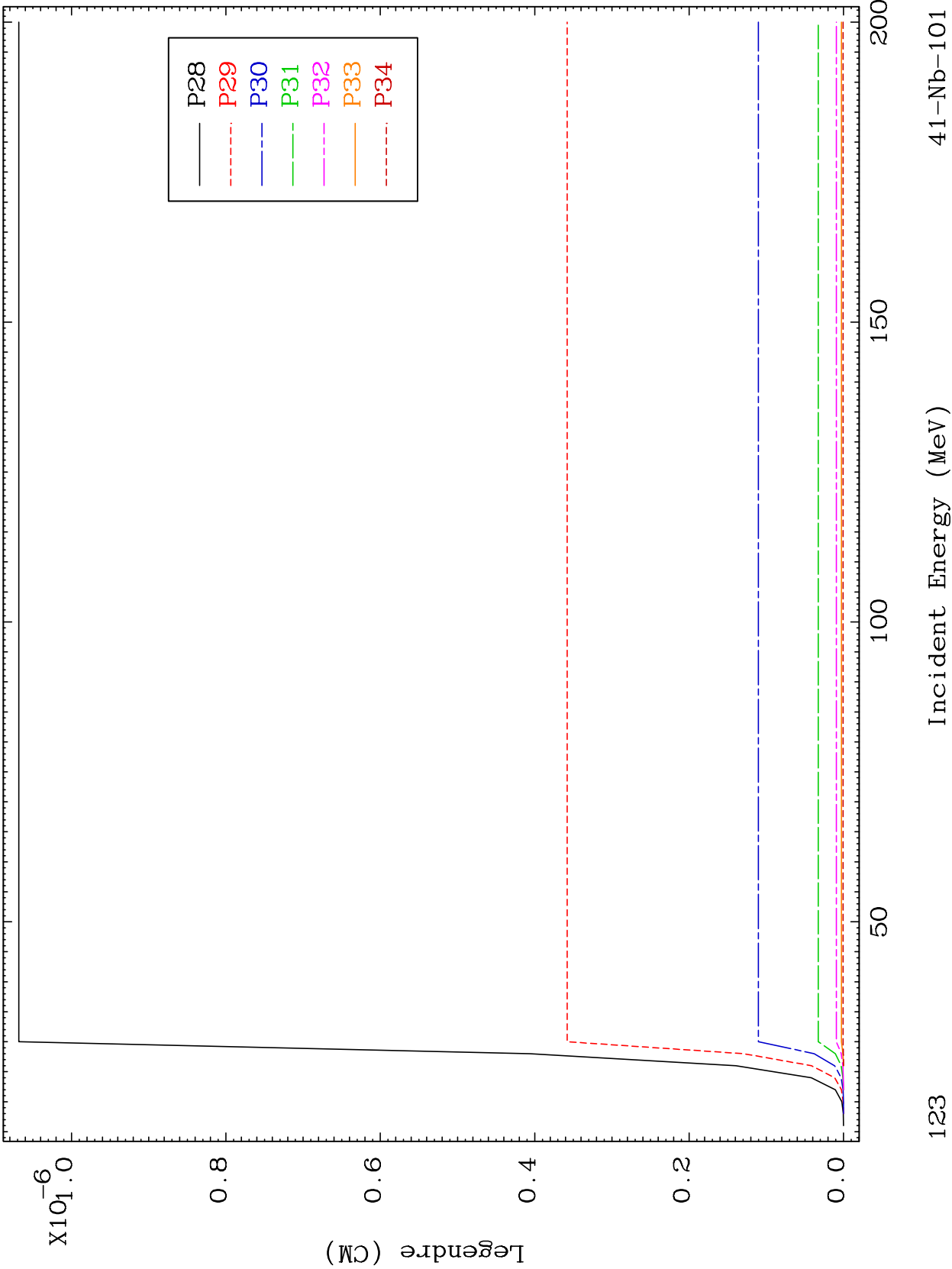
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



123

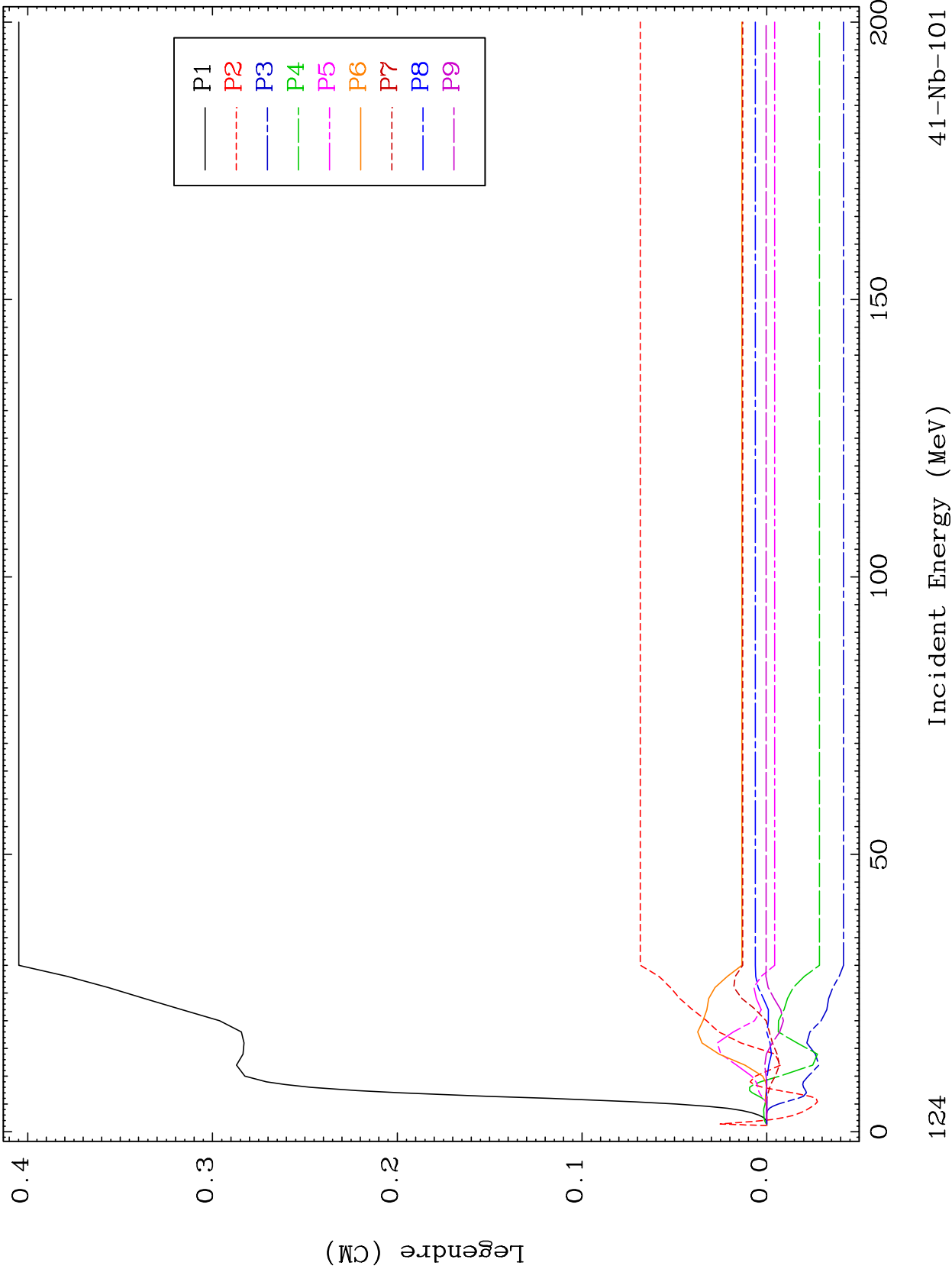
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



41-Nb-101

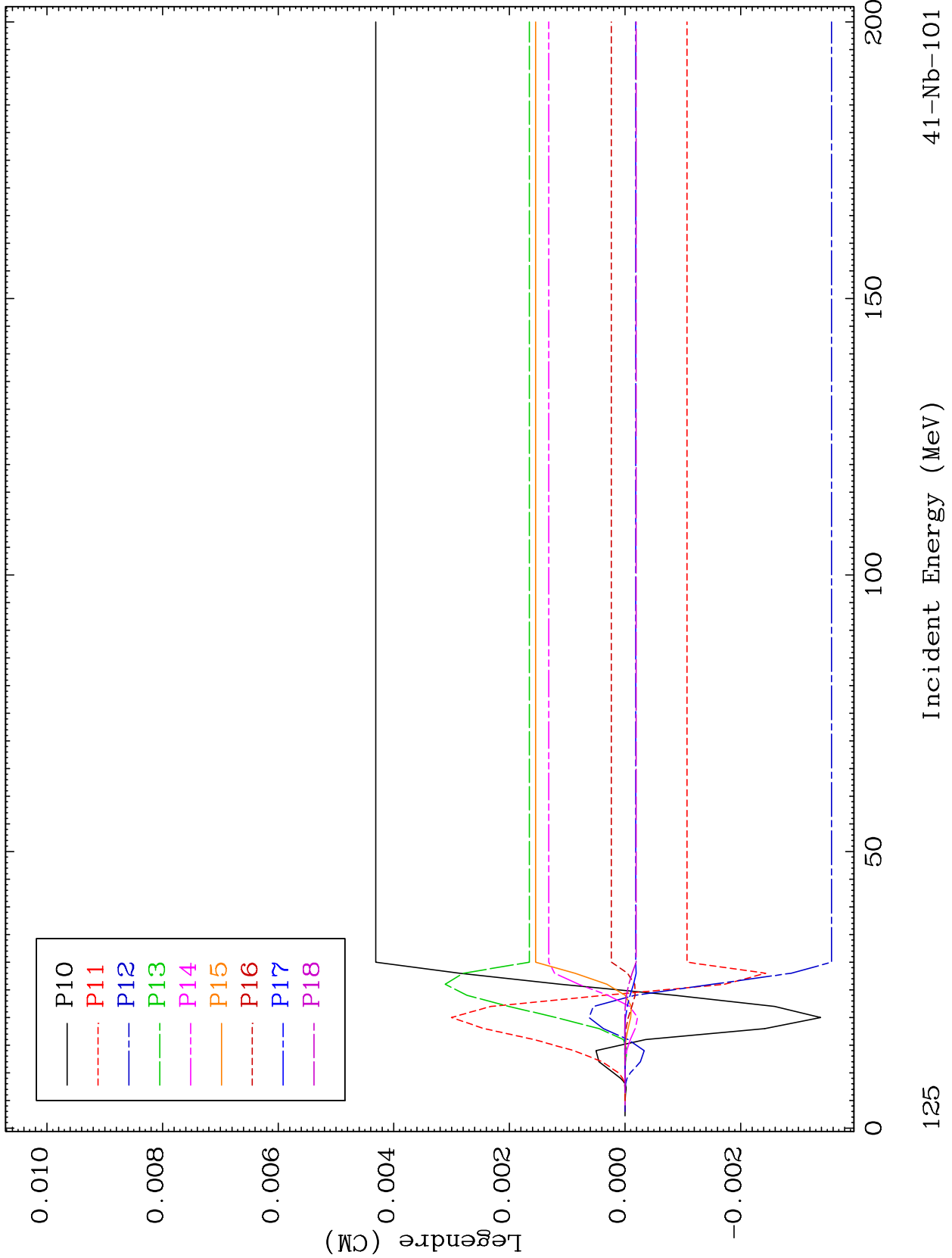
Incident Energy (MeV)

124

MAT 4149

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

41-Nb-101



125

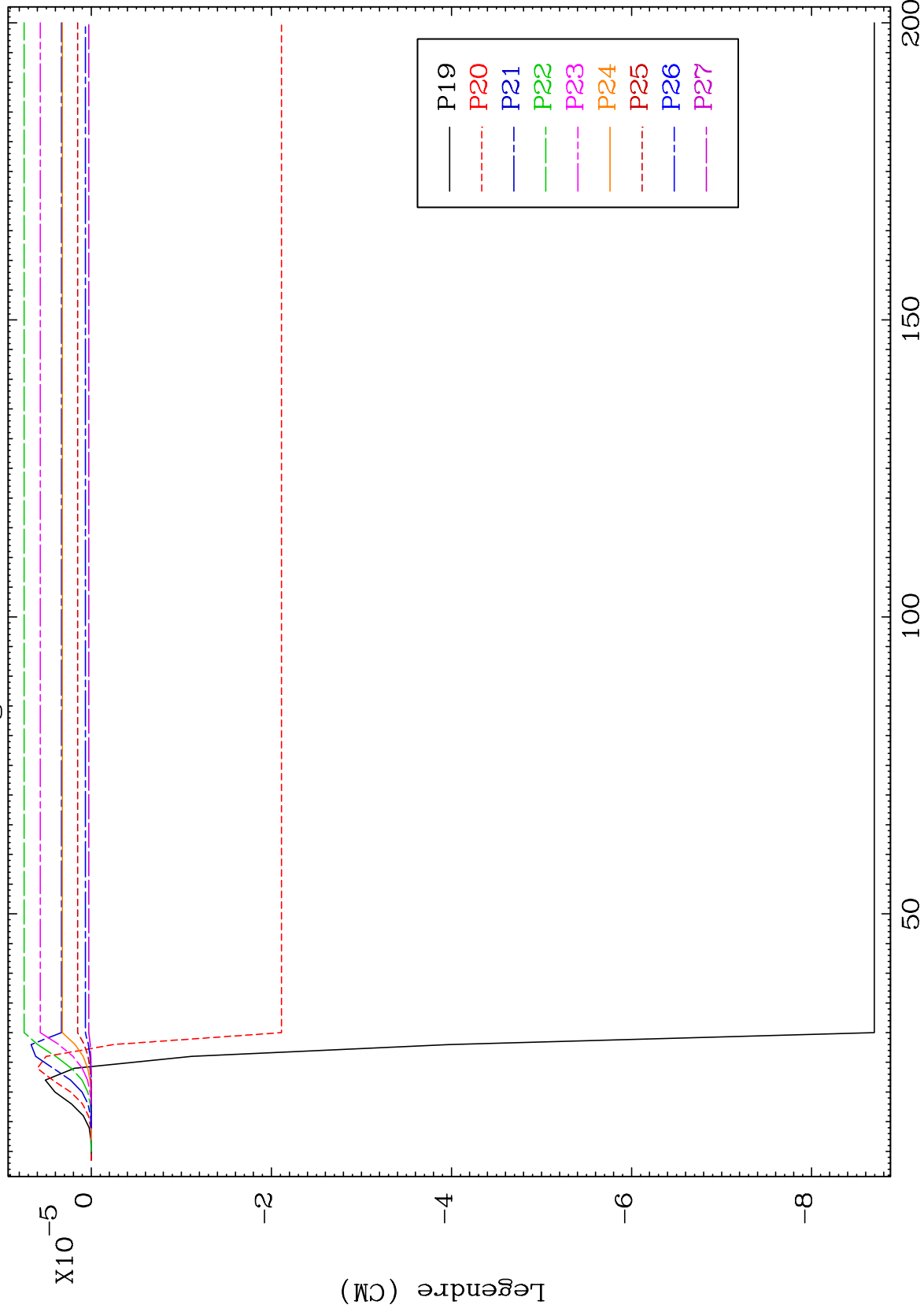
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



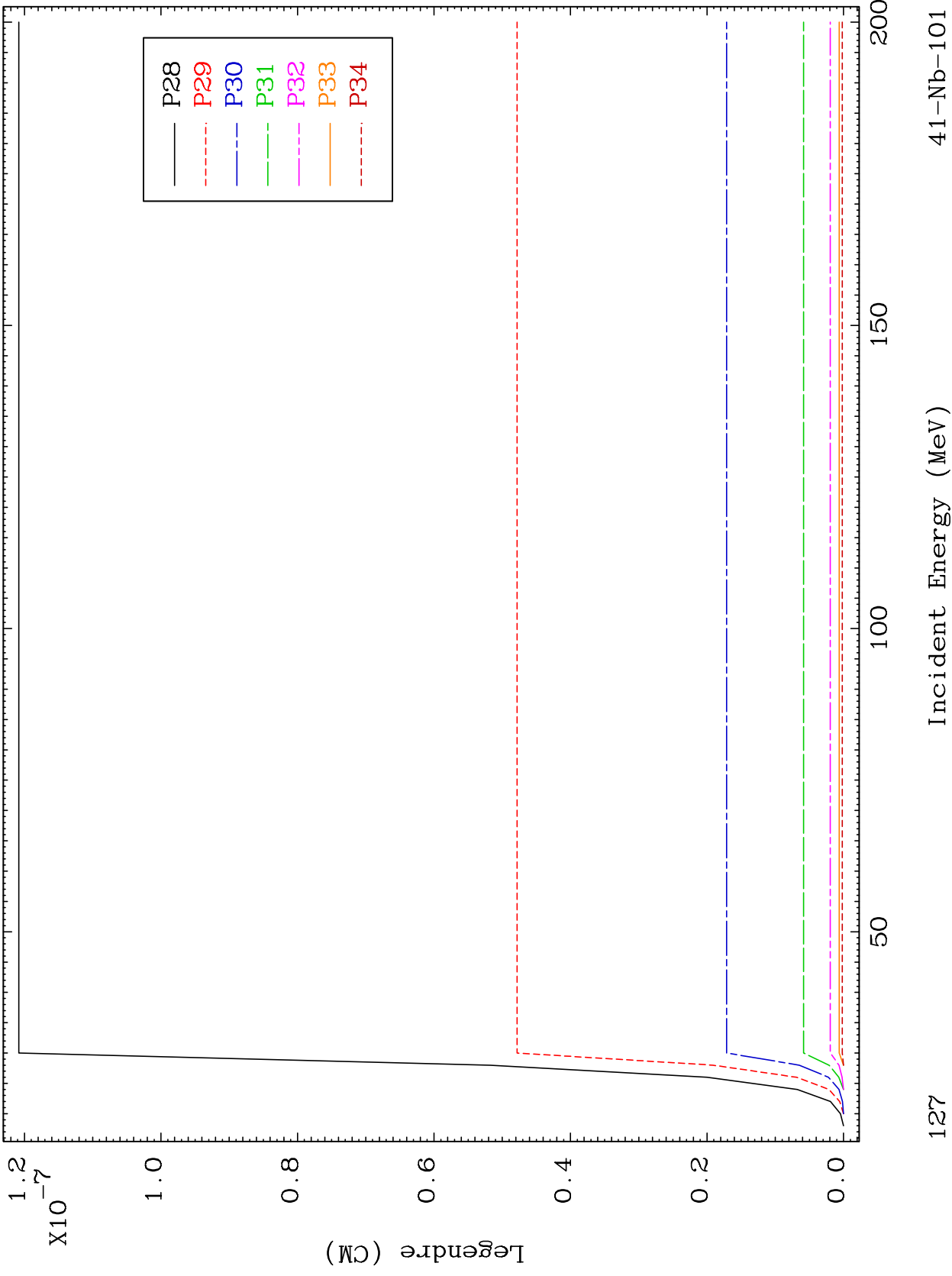
126

41-Nb-101

MAT 4149

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

41-Nb-101



127

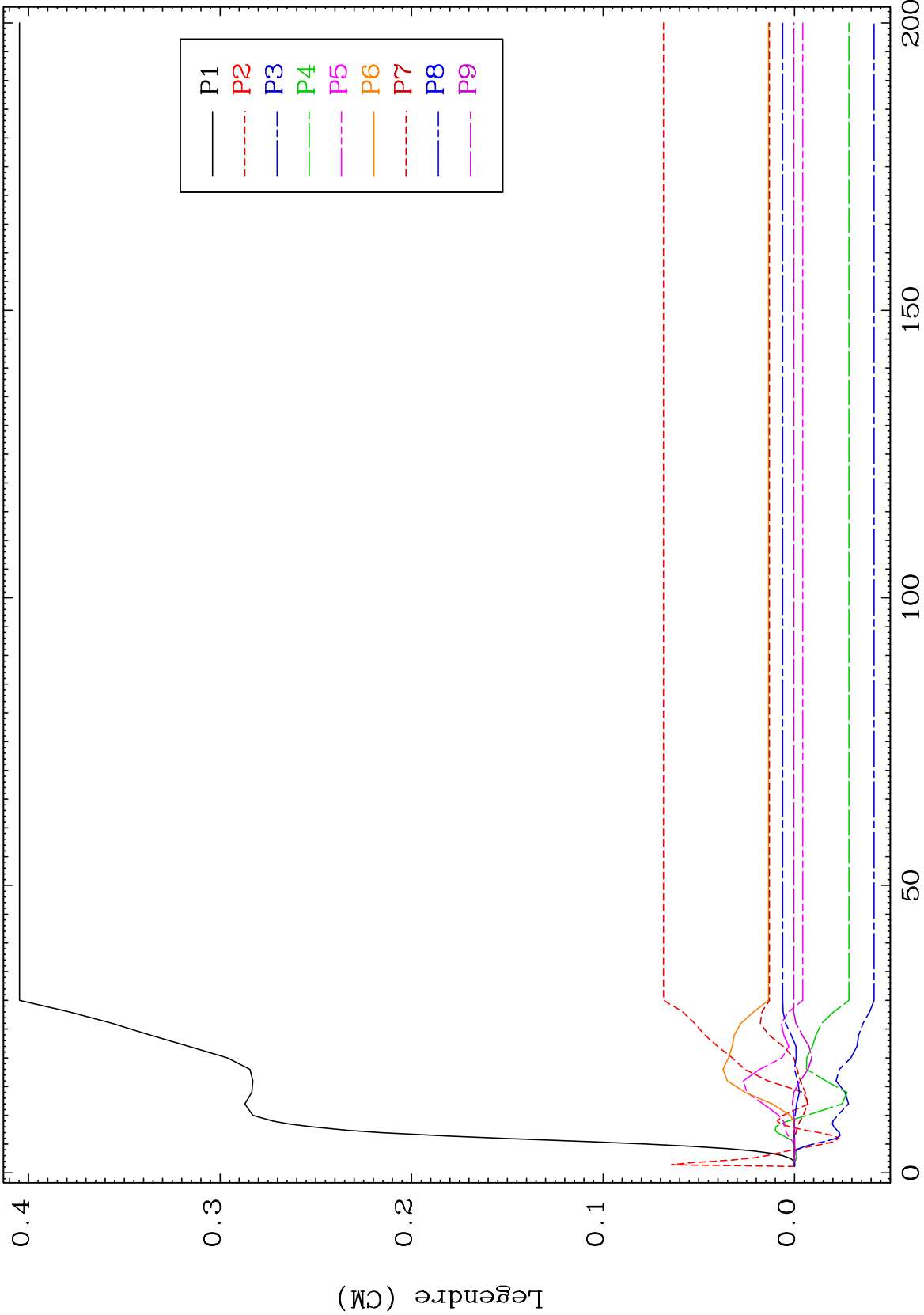
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



128

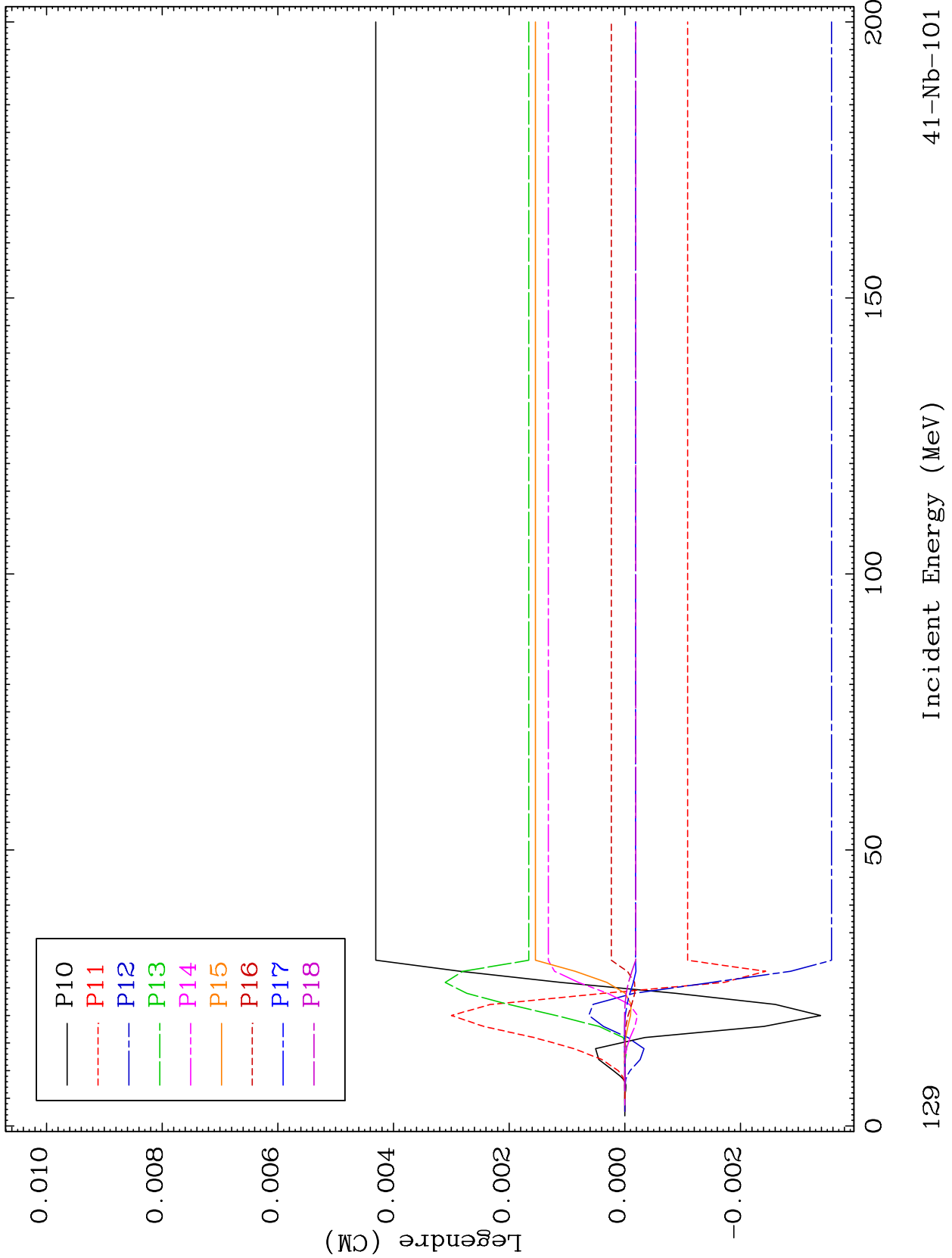
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



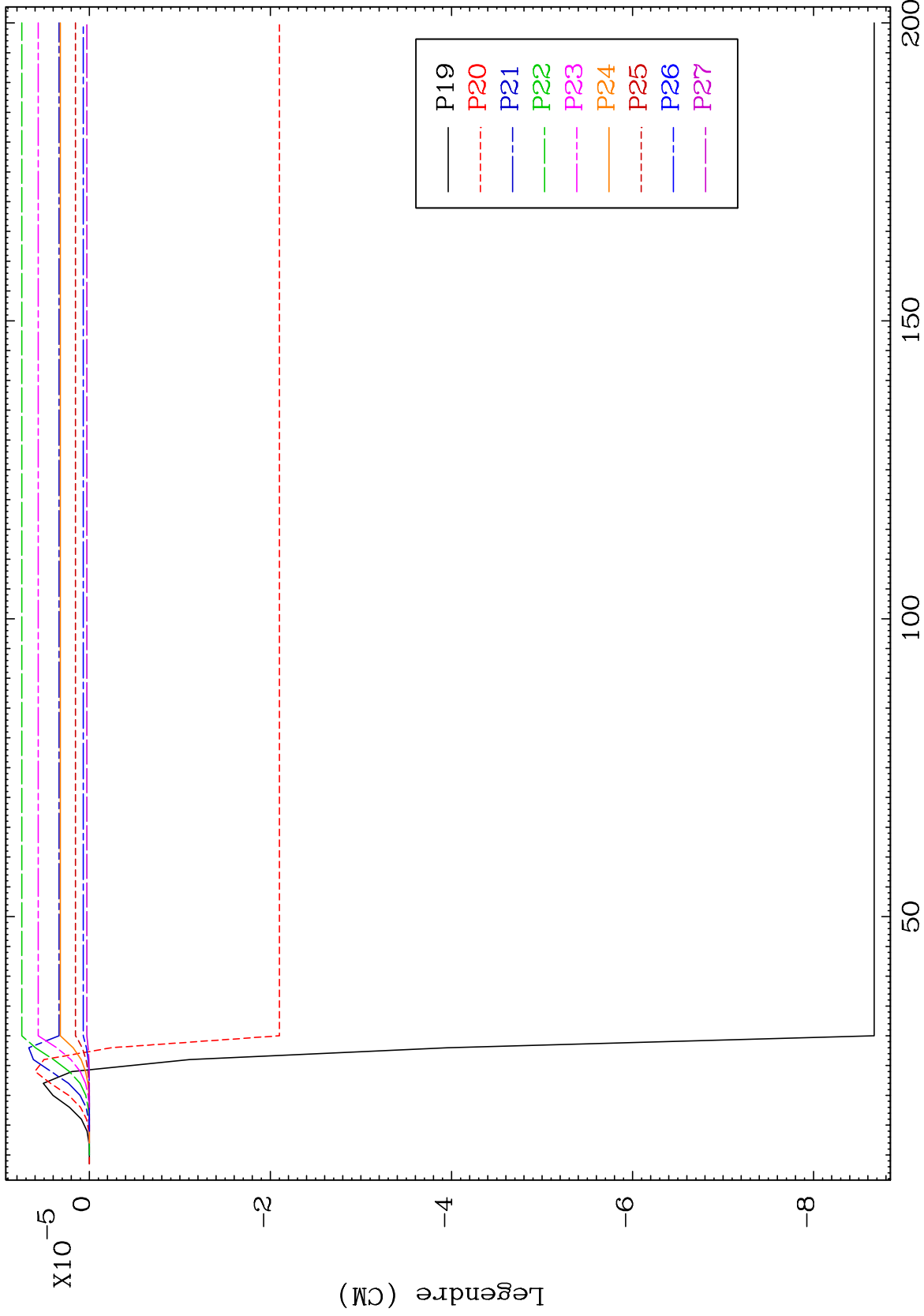
129

41-Nb-101

MAT 4149

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

41-Nb-101



130

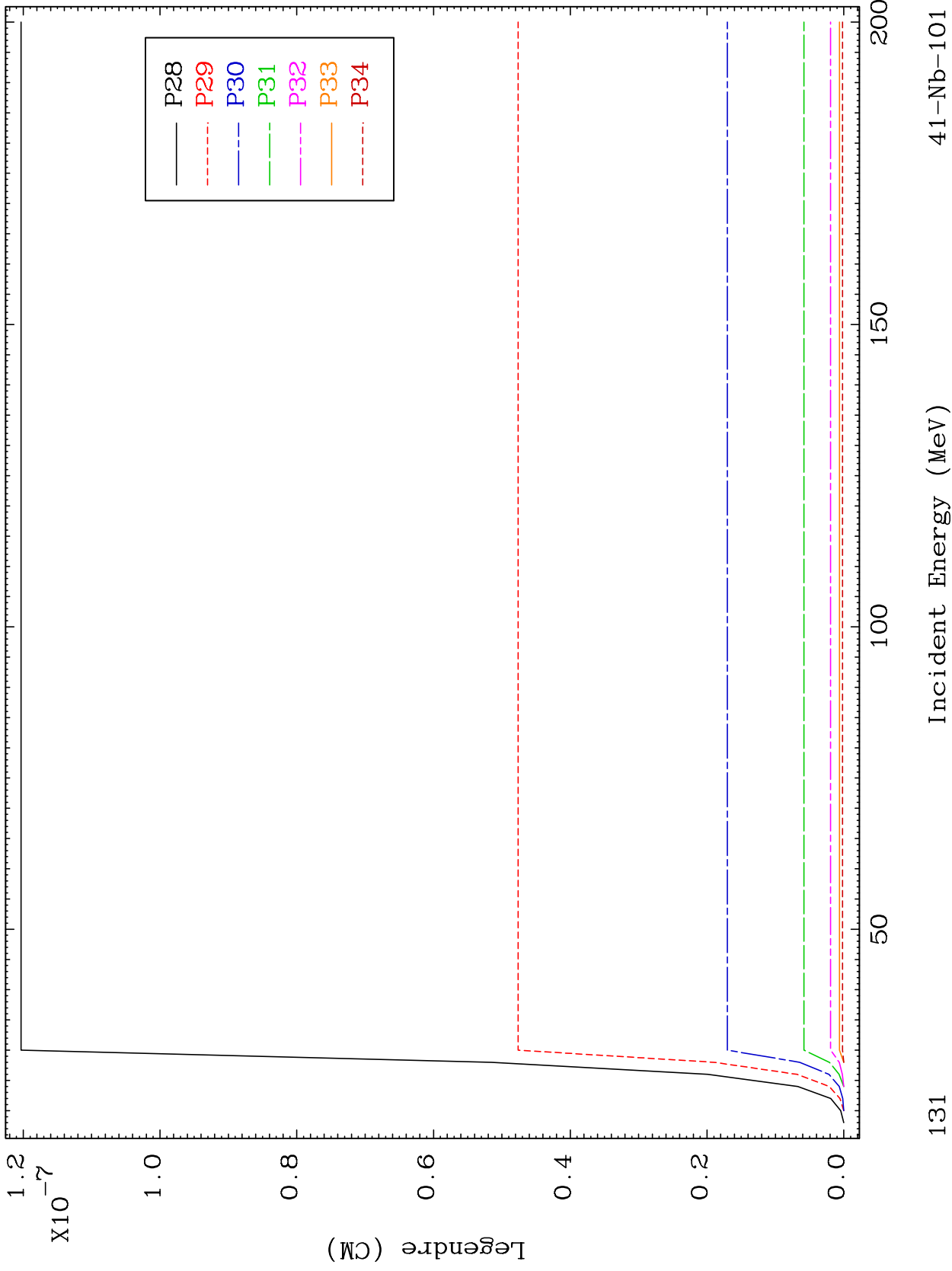
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101

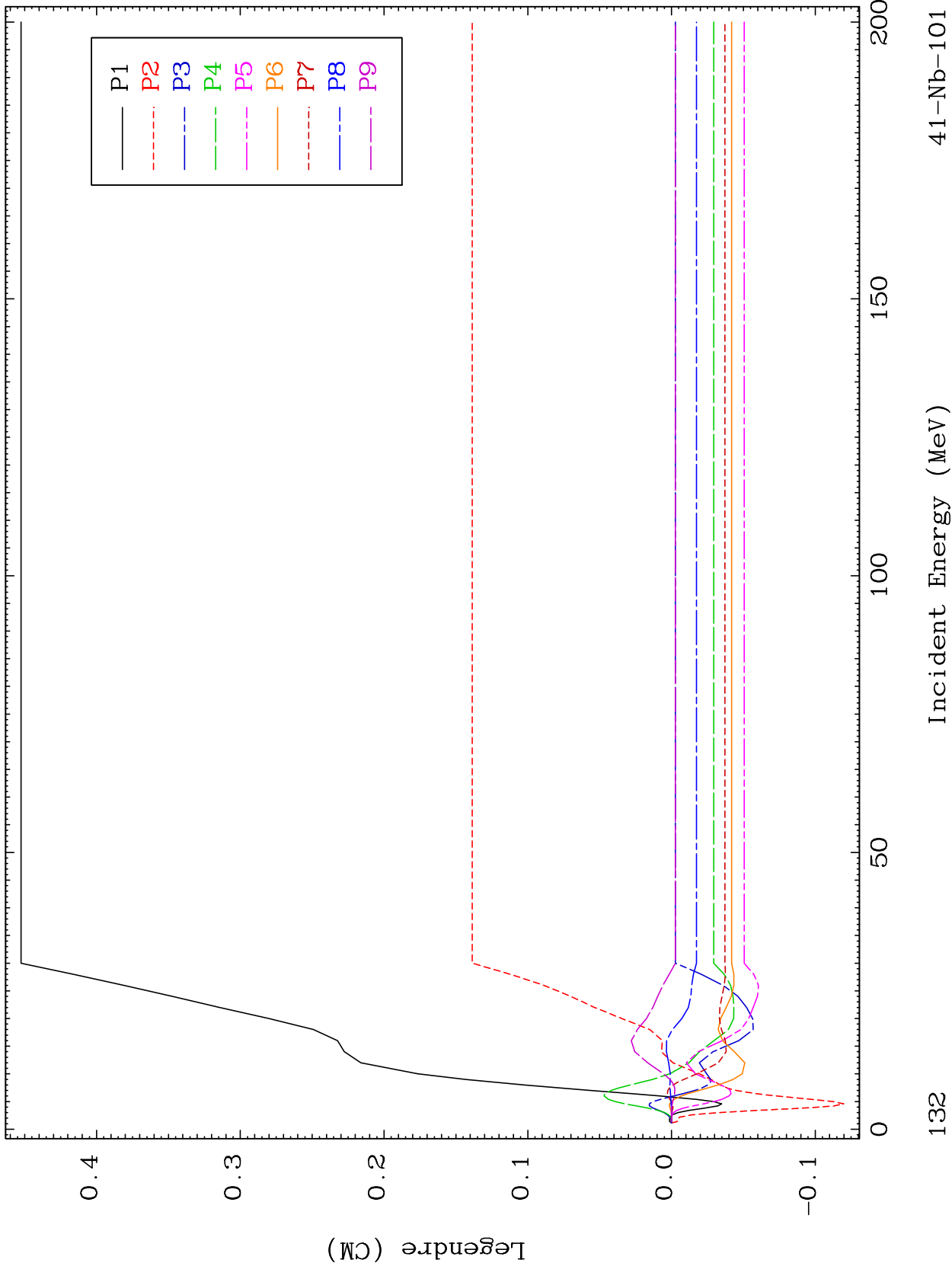


131

MAT 4149

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

41-Nb-101



41-Nb-101

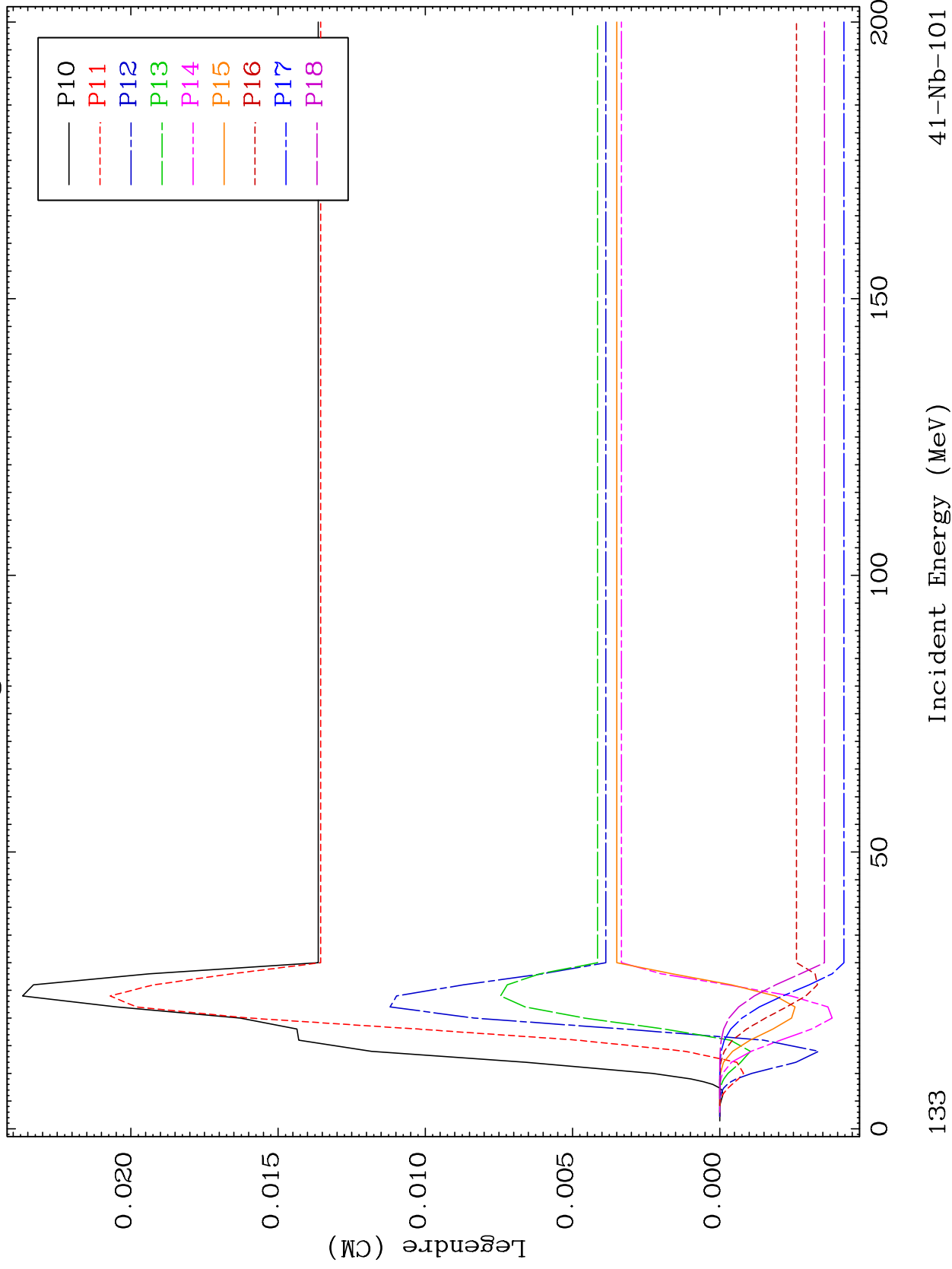
Incident Energy (MeV)

132

MAT 4149

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

41-Nb-101



133

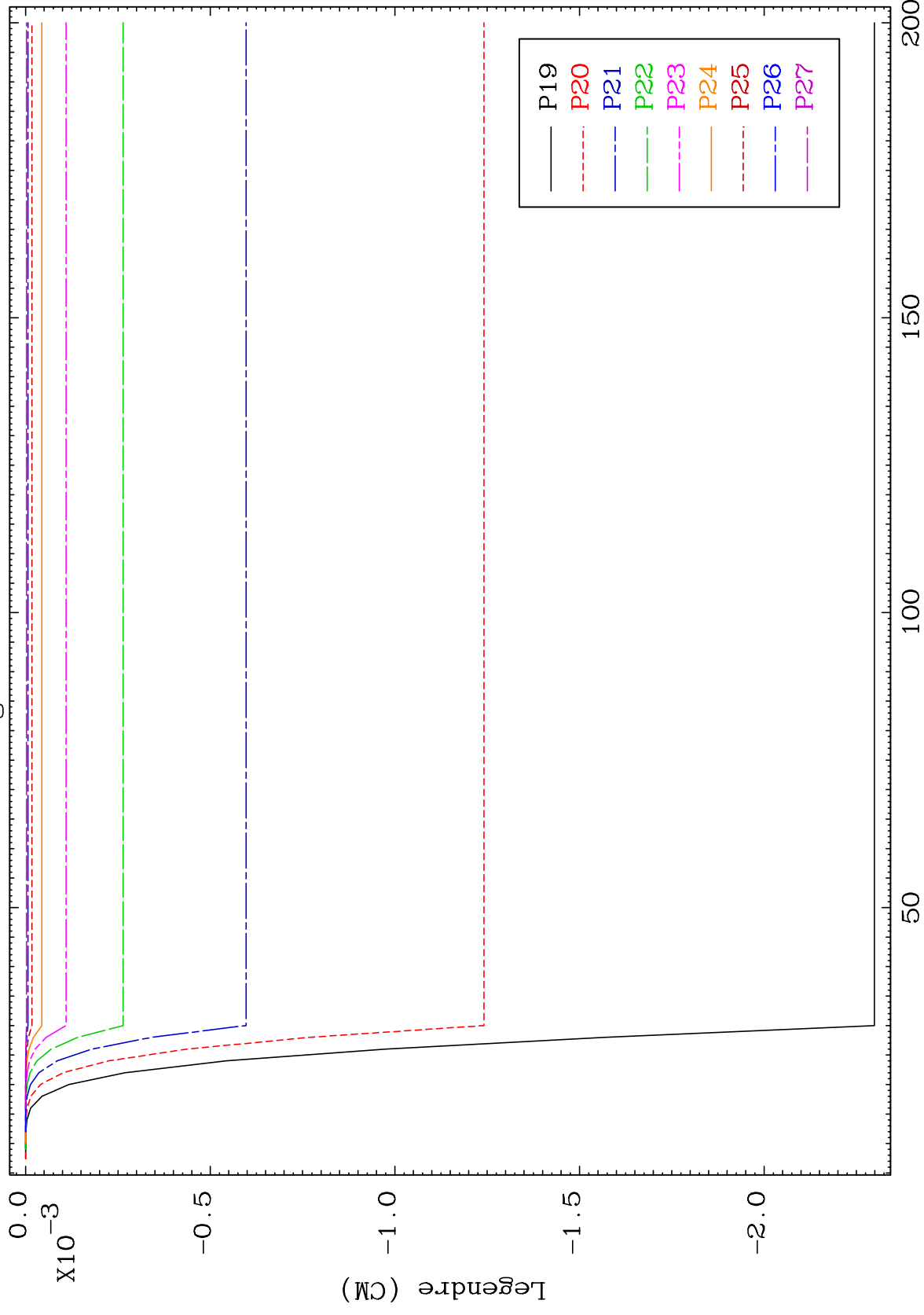
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



134

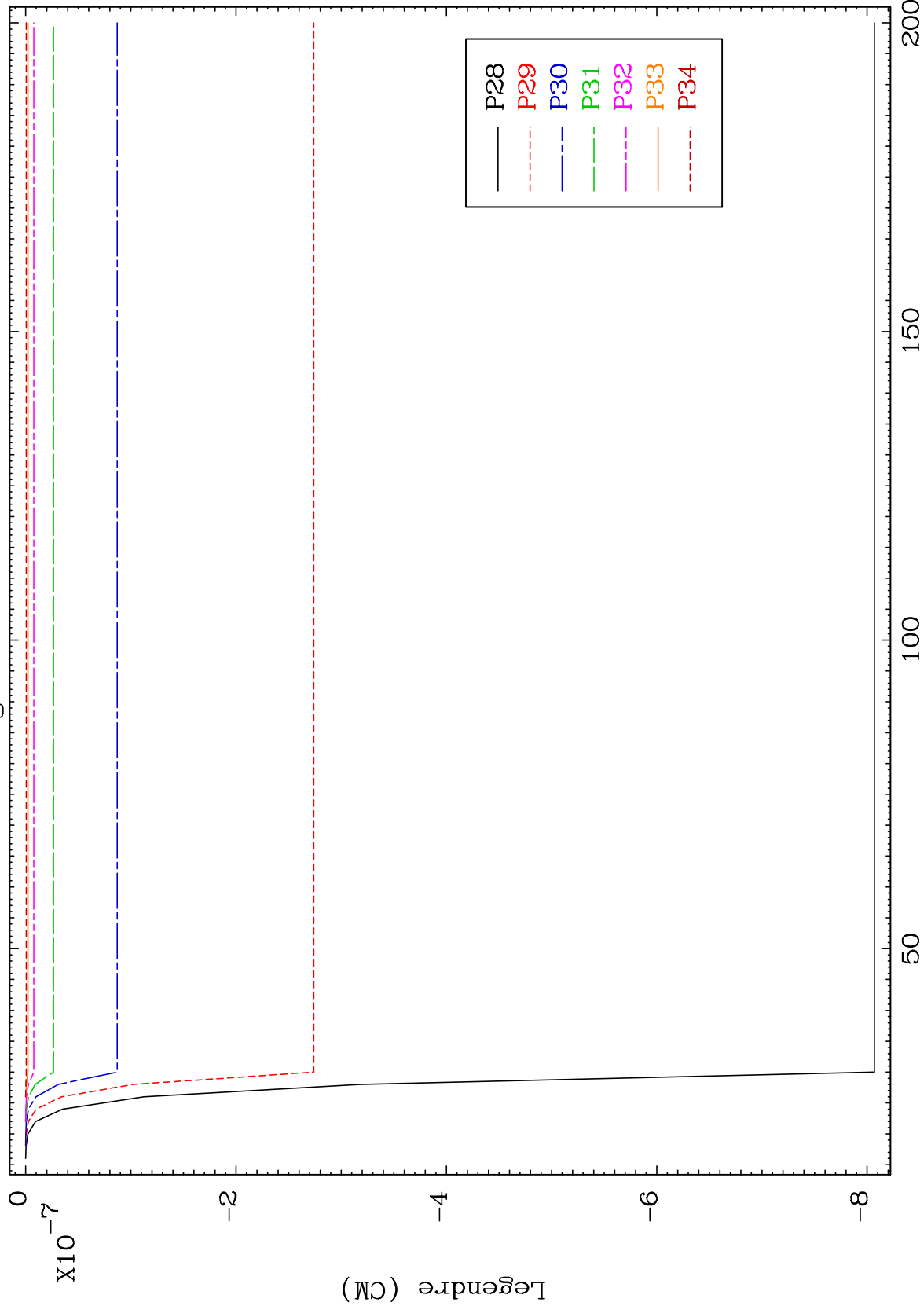
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



135

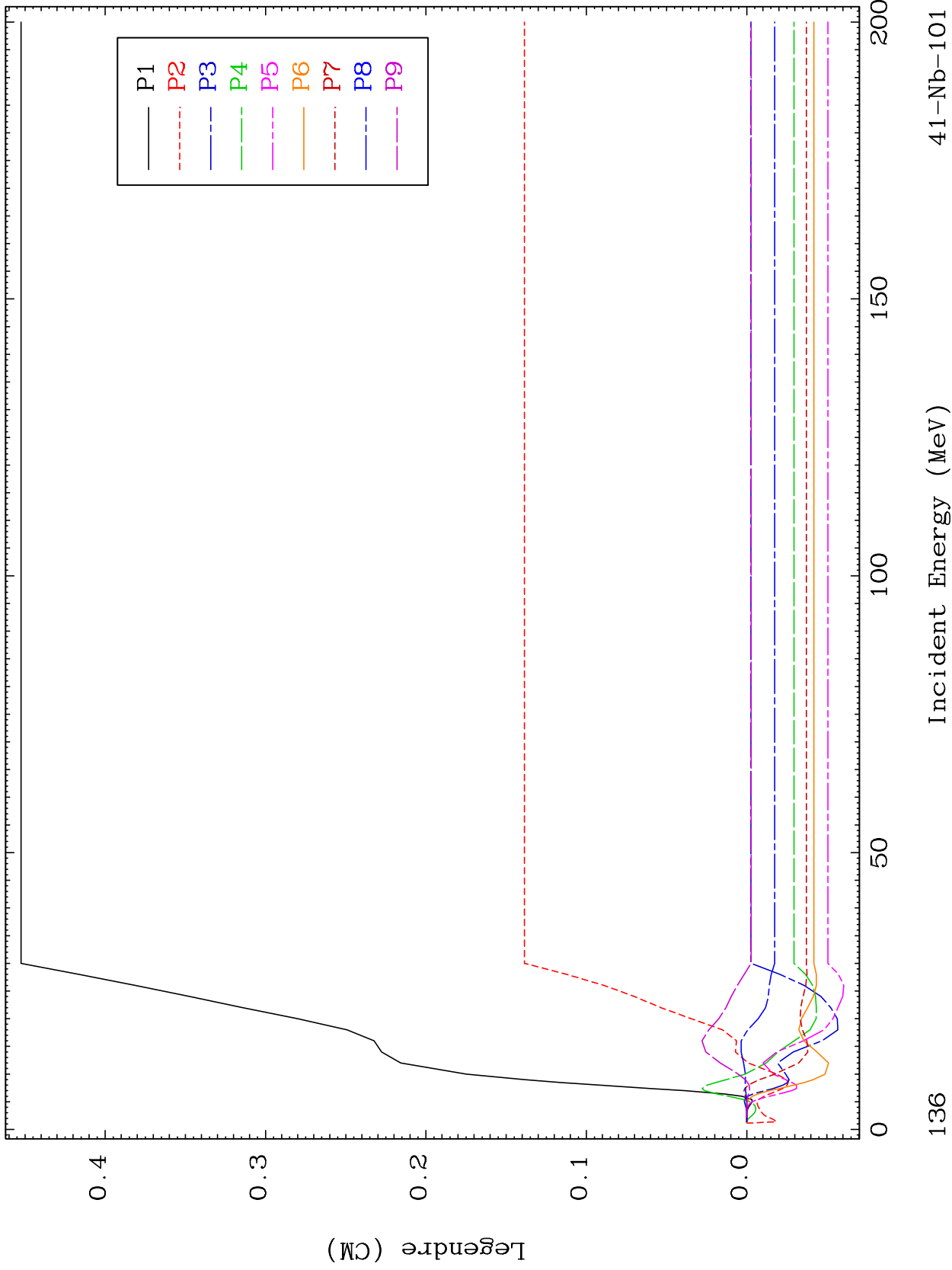
Incident Energy (MeV)

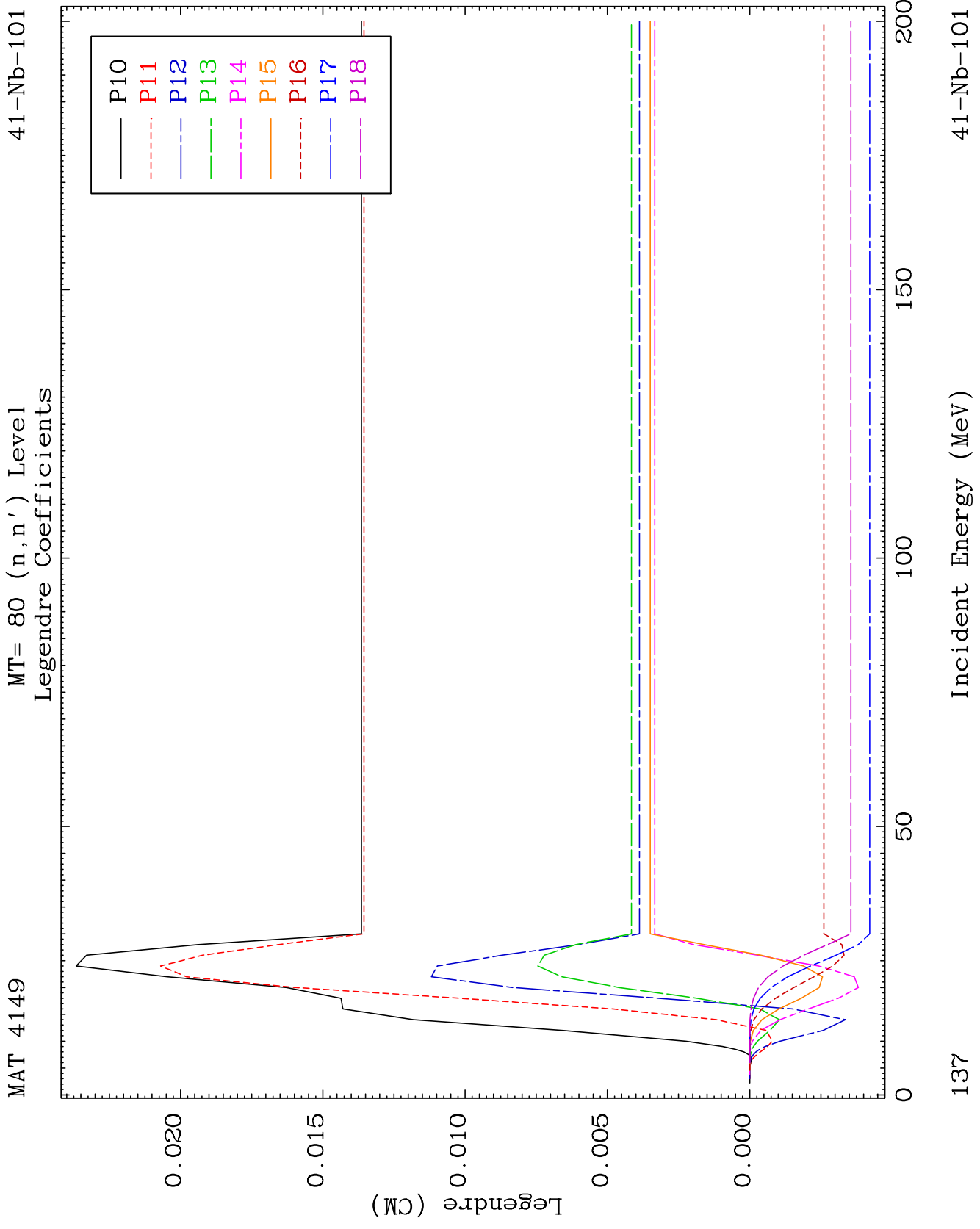
41-Nb-101

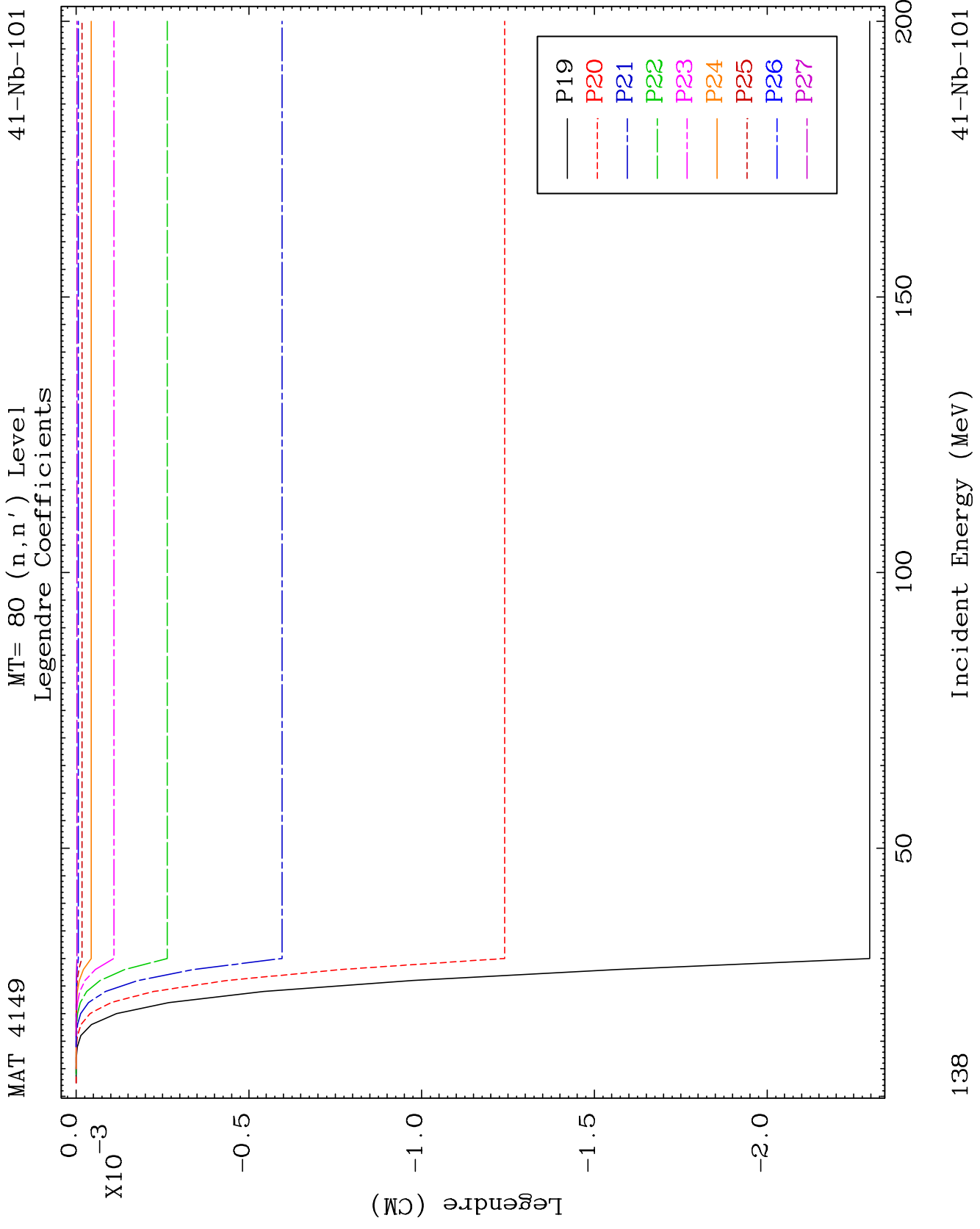
MAT 4149

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

41-Nb-101





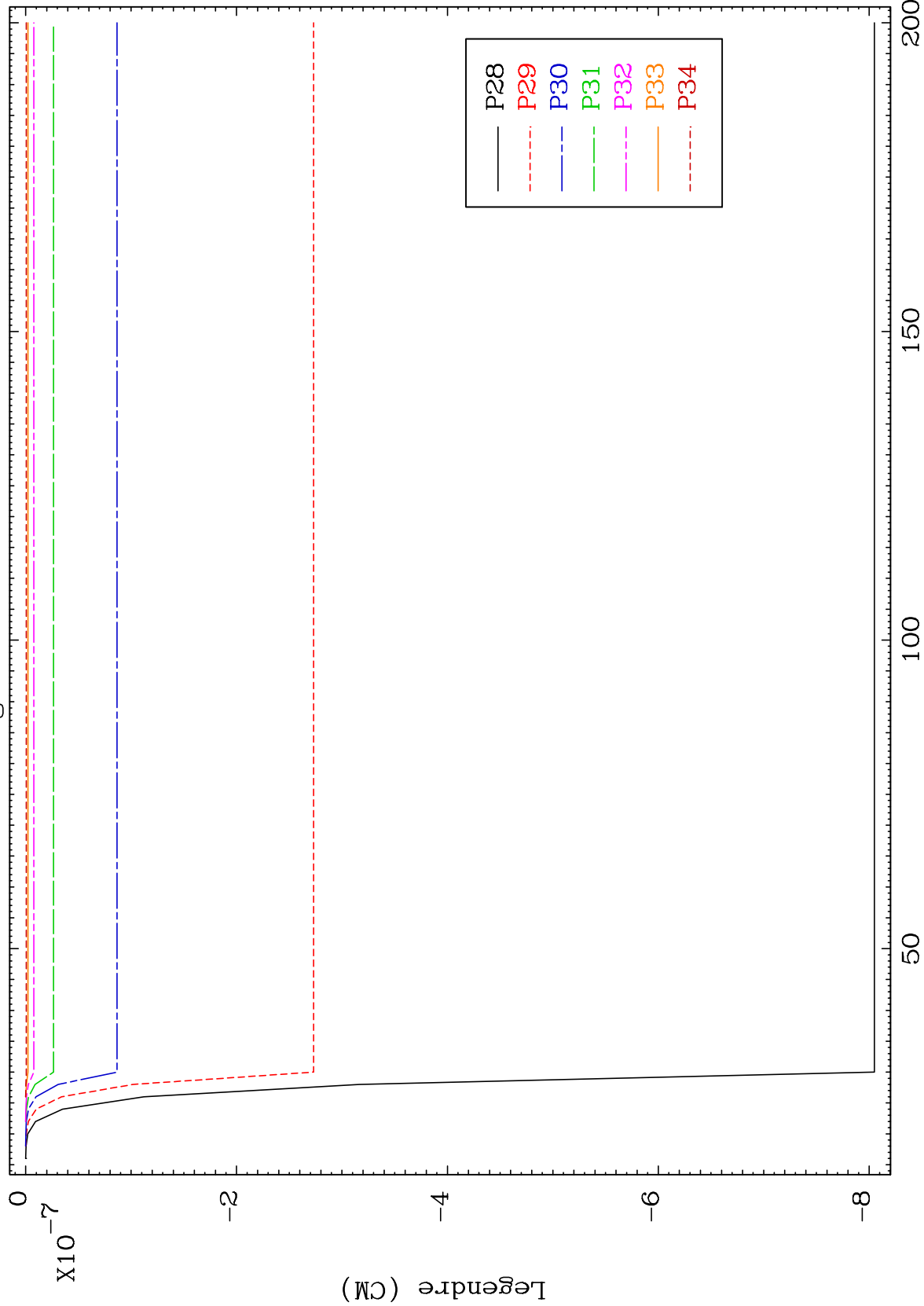


MAT 4149

MT= 80 (n,n') Level

41-Nb-101

Legendre Coefficients



139

Incident Energy (MeV)

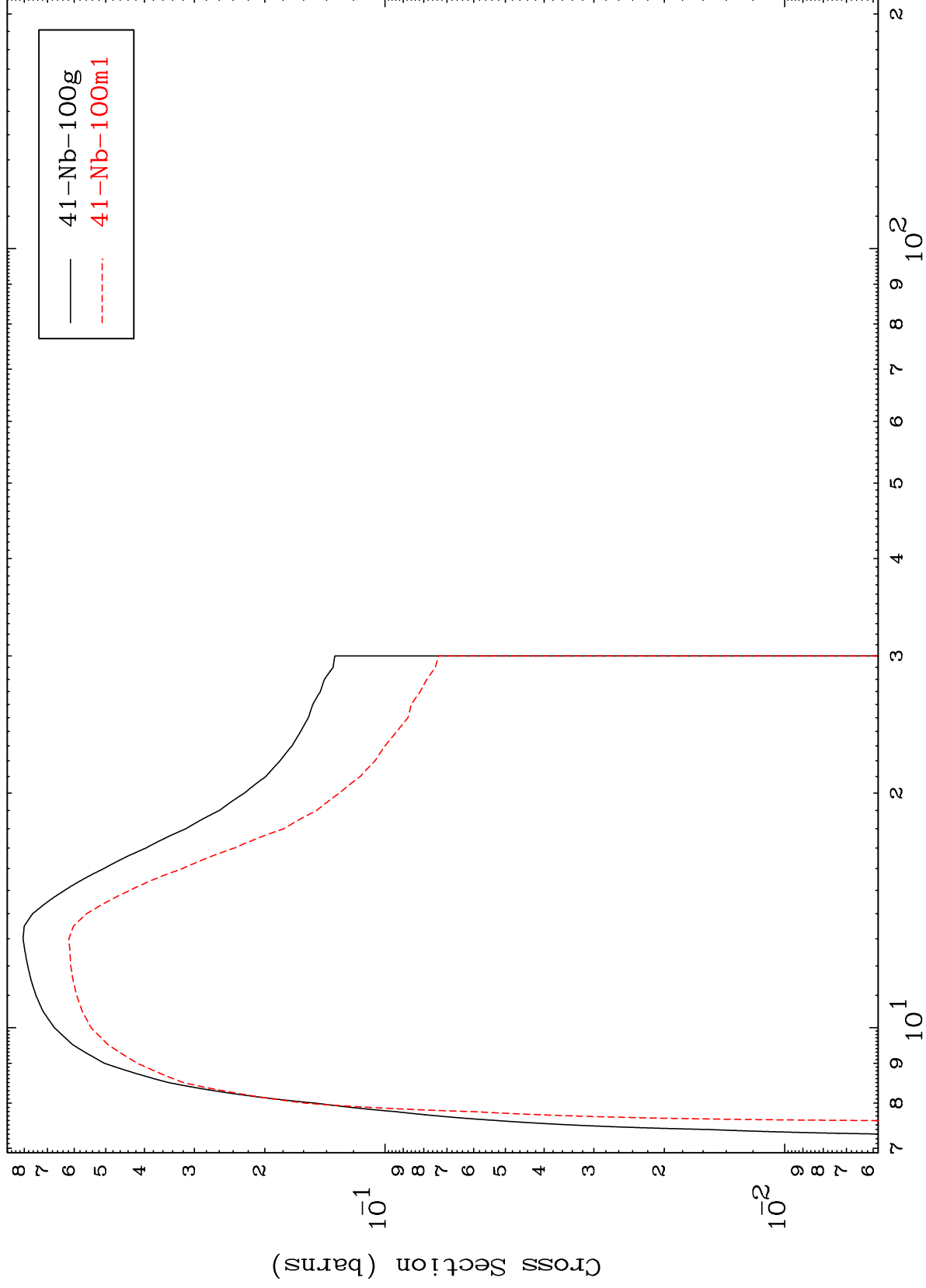
41-Nb-101

MAT 4149

(n,2n)

41-Nb-101

Radionuclide Production Cross Section



140

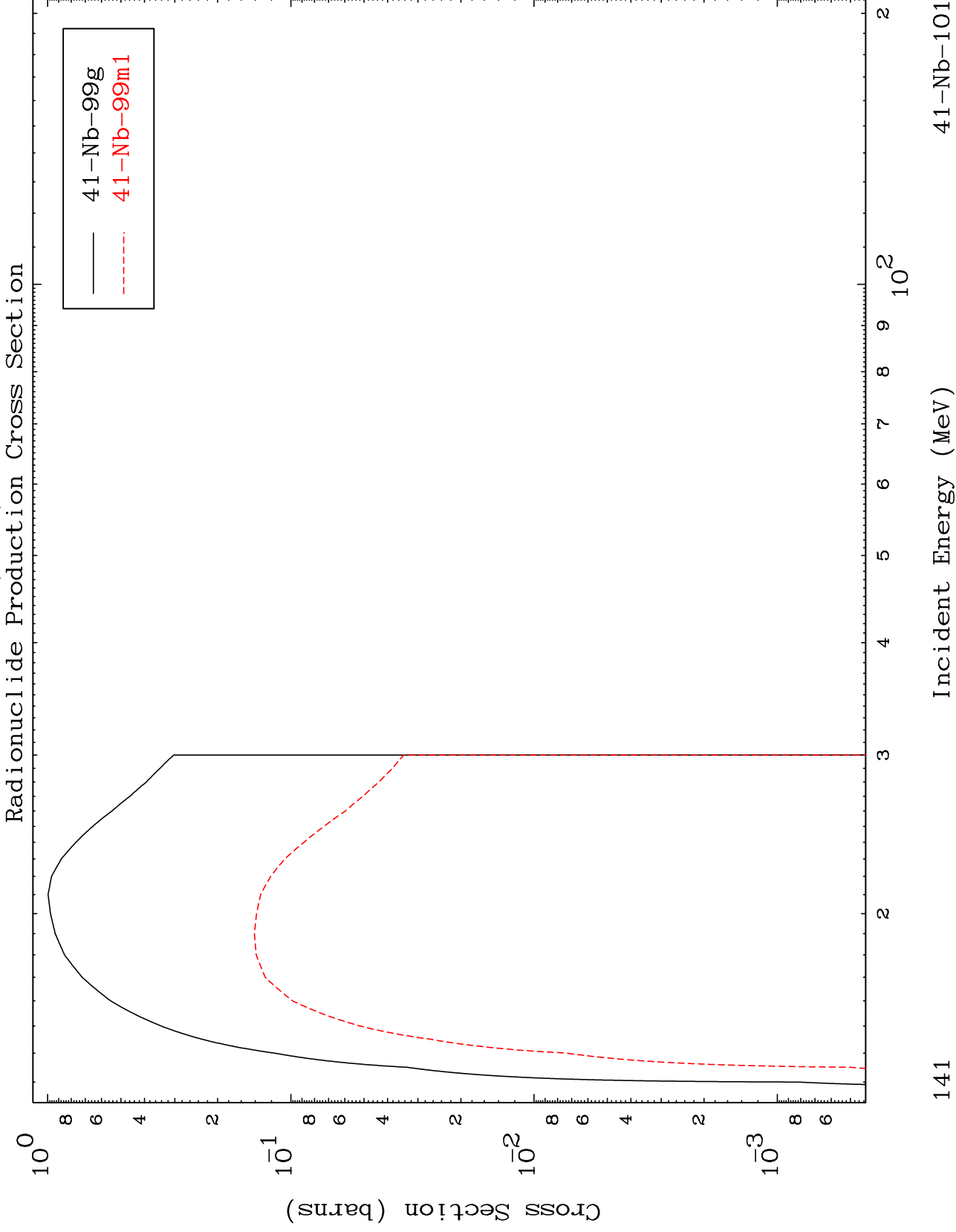
Incident Energy (MeV)

41-Nb-101

MAT 4149

(n,3n)

41-Nb-101



141

Incident Energy (MeV)

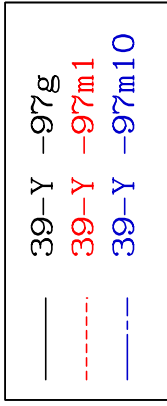
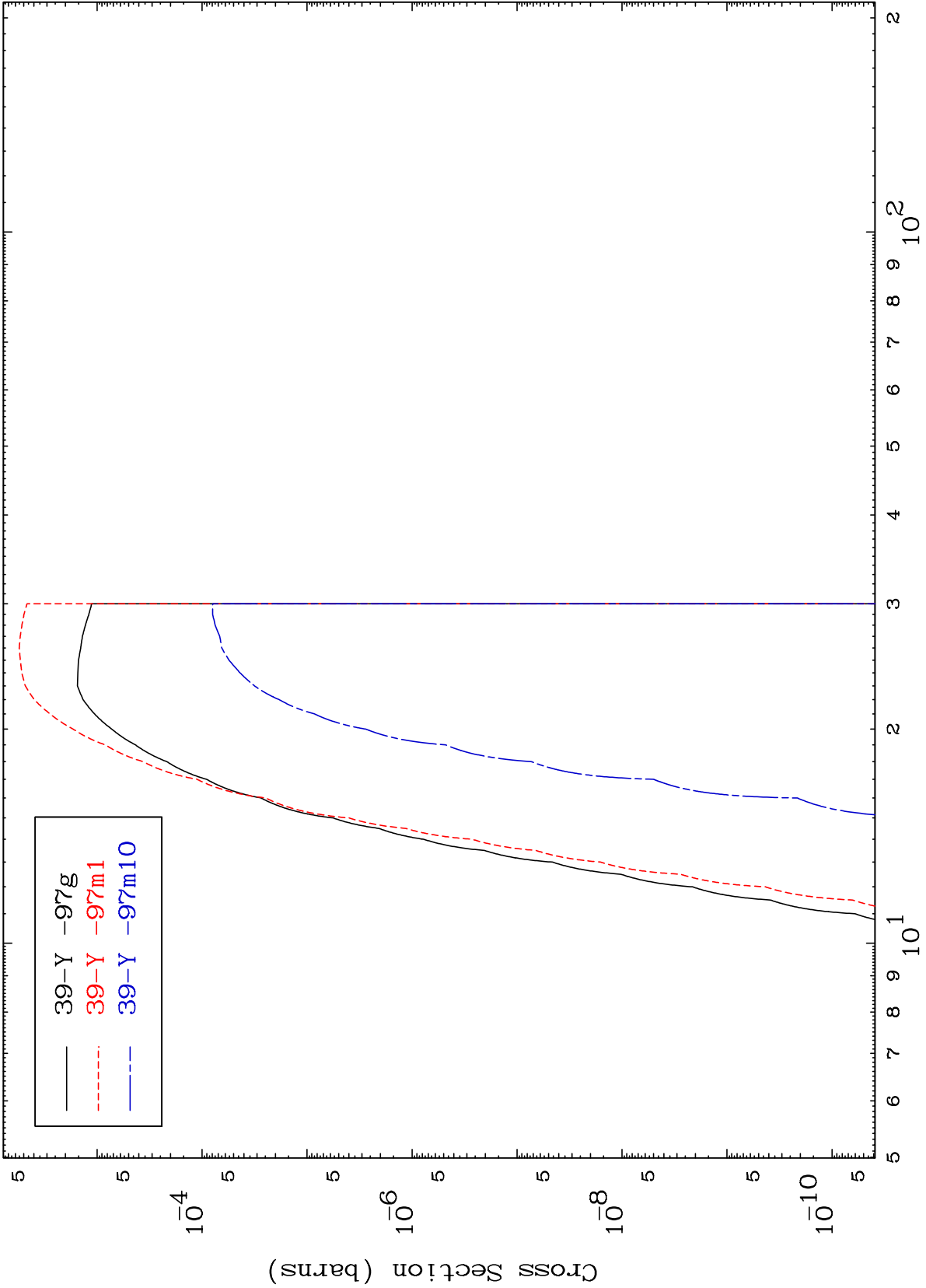
41-Nb-101

MAT 4149

41-Nb-101

(n,n') α

Radionuclide Production Cross Section



142

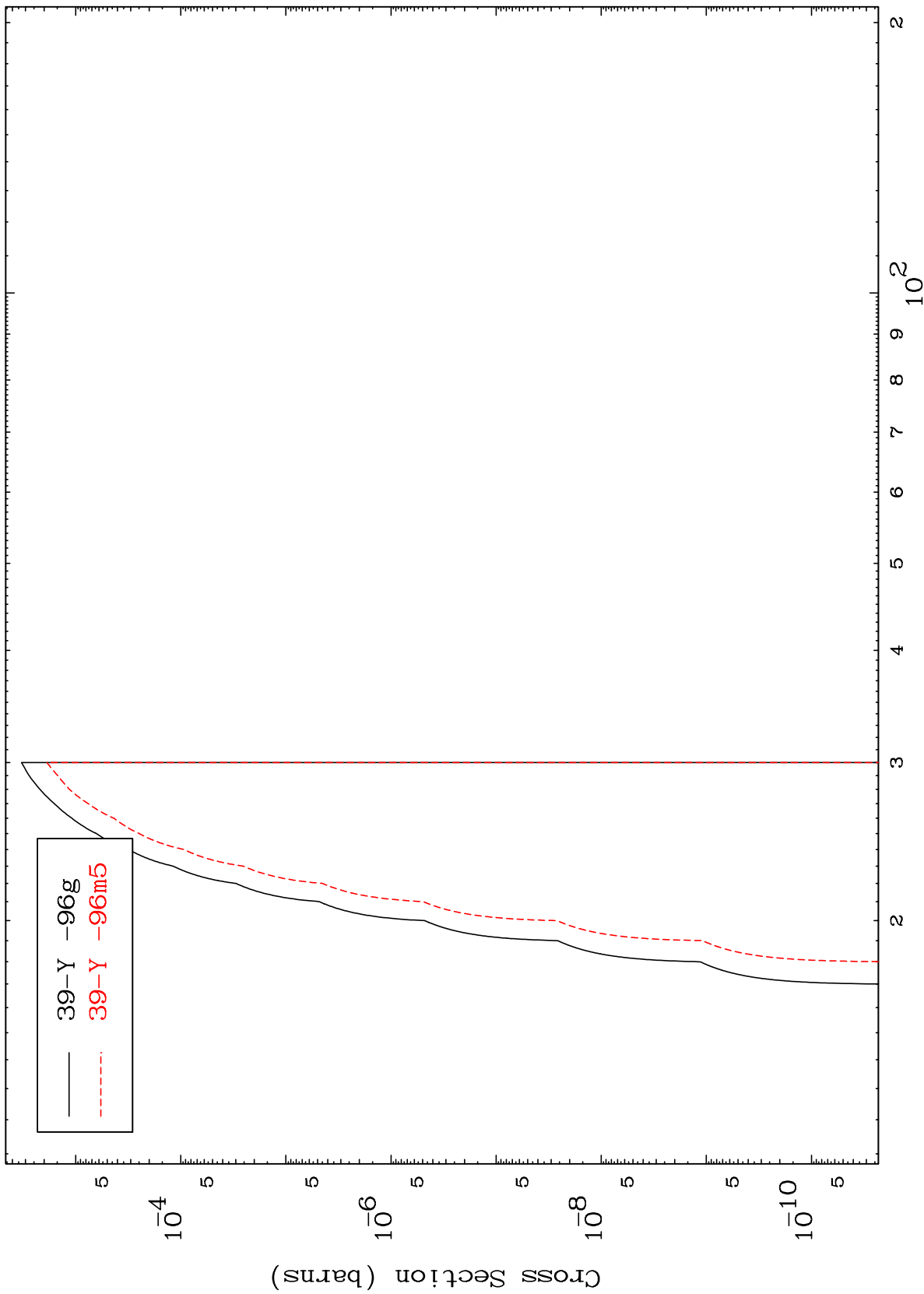
Incident Energy (MeV)

41-Nb-101

MAT 4149

41-Nb-101

(n,2n) α
Radionuclide Production Cross Section



143

Incident Energy (MeV)

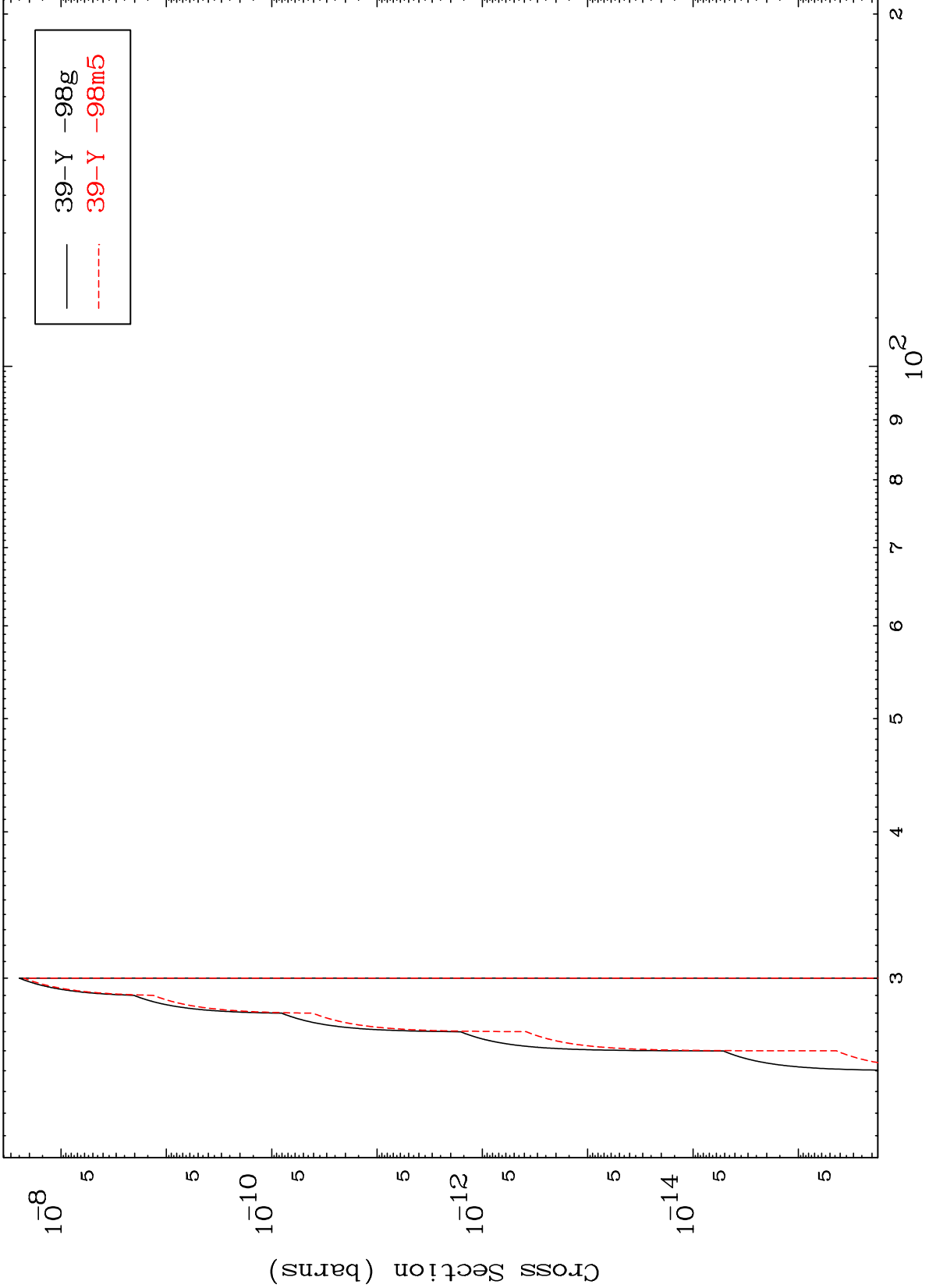
41-Nb-101

MAT 4149

(n,n') He-3

41-Nb-101

Radionuclide Production Cross Section



144

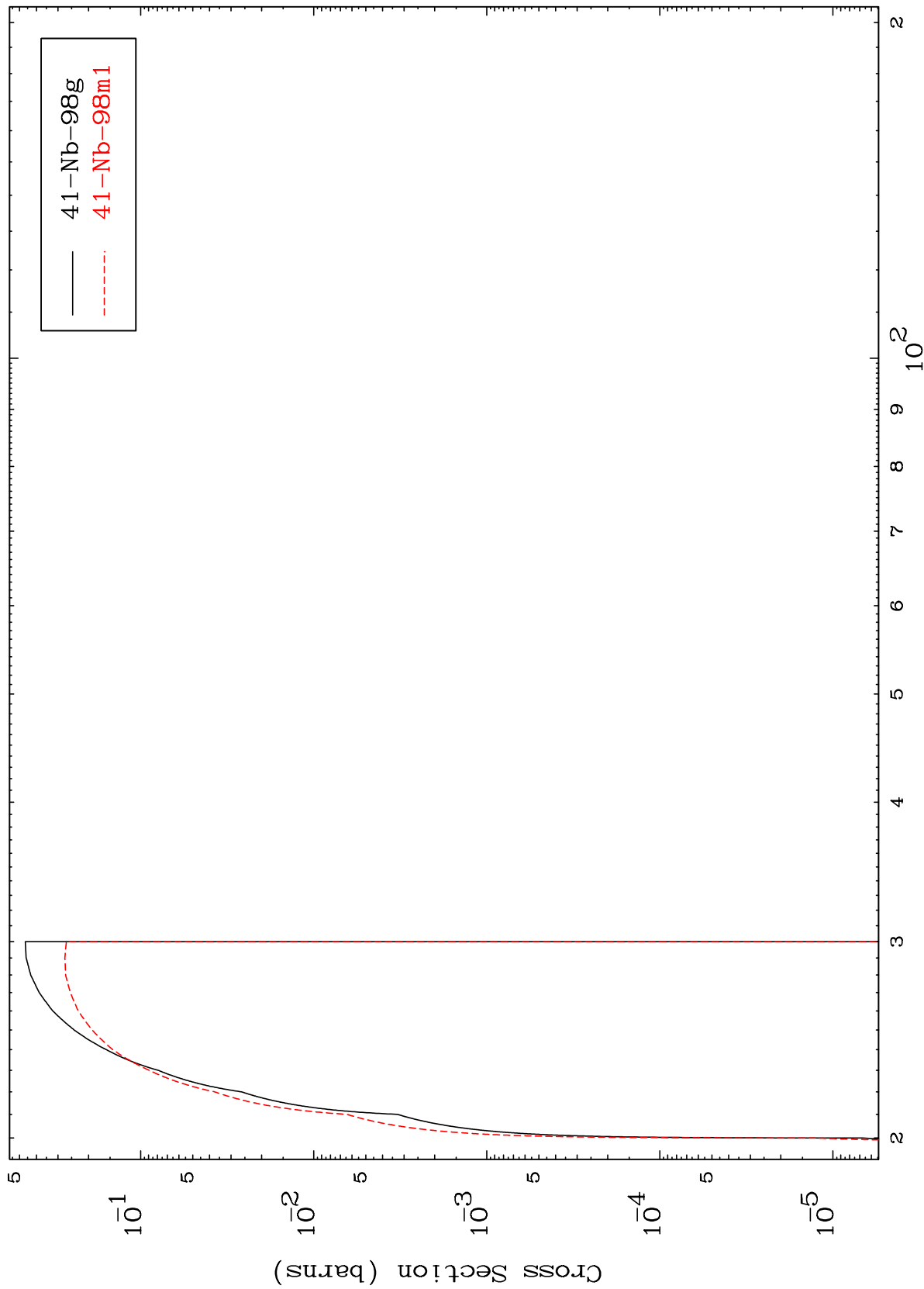
Incident Energy (MeV)

41-Nb-101

MAT 4149

41-Nb-101

(n,4n)
Radionuclide Production Cross Section



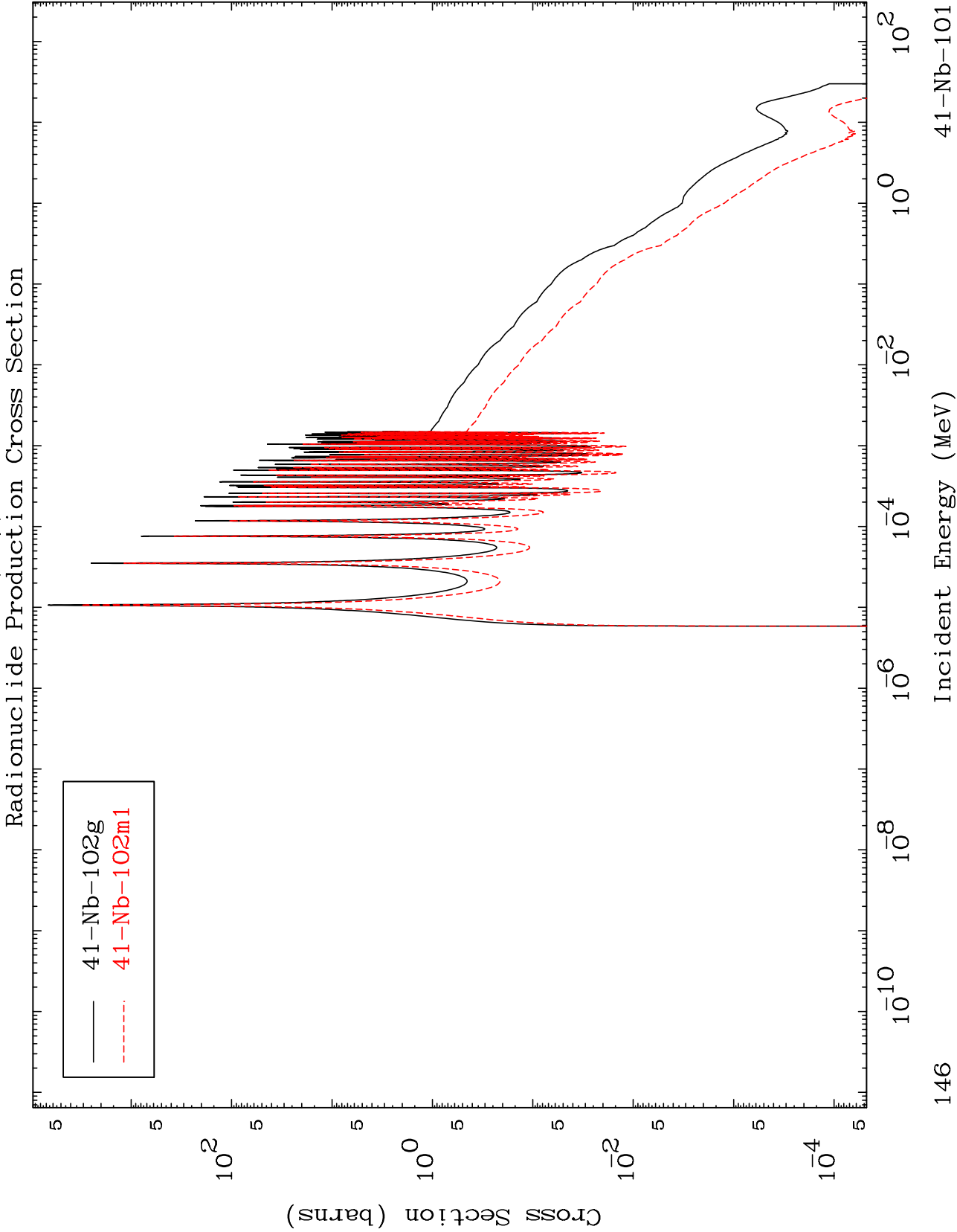
41-Nb-101

Incident Energy (MeV)

145

MAT 4149

41-Nb-101

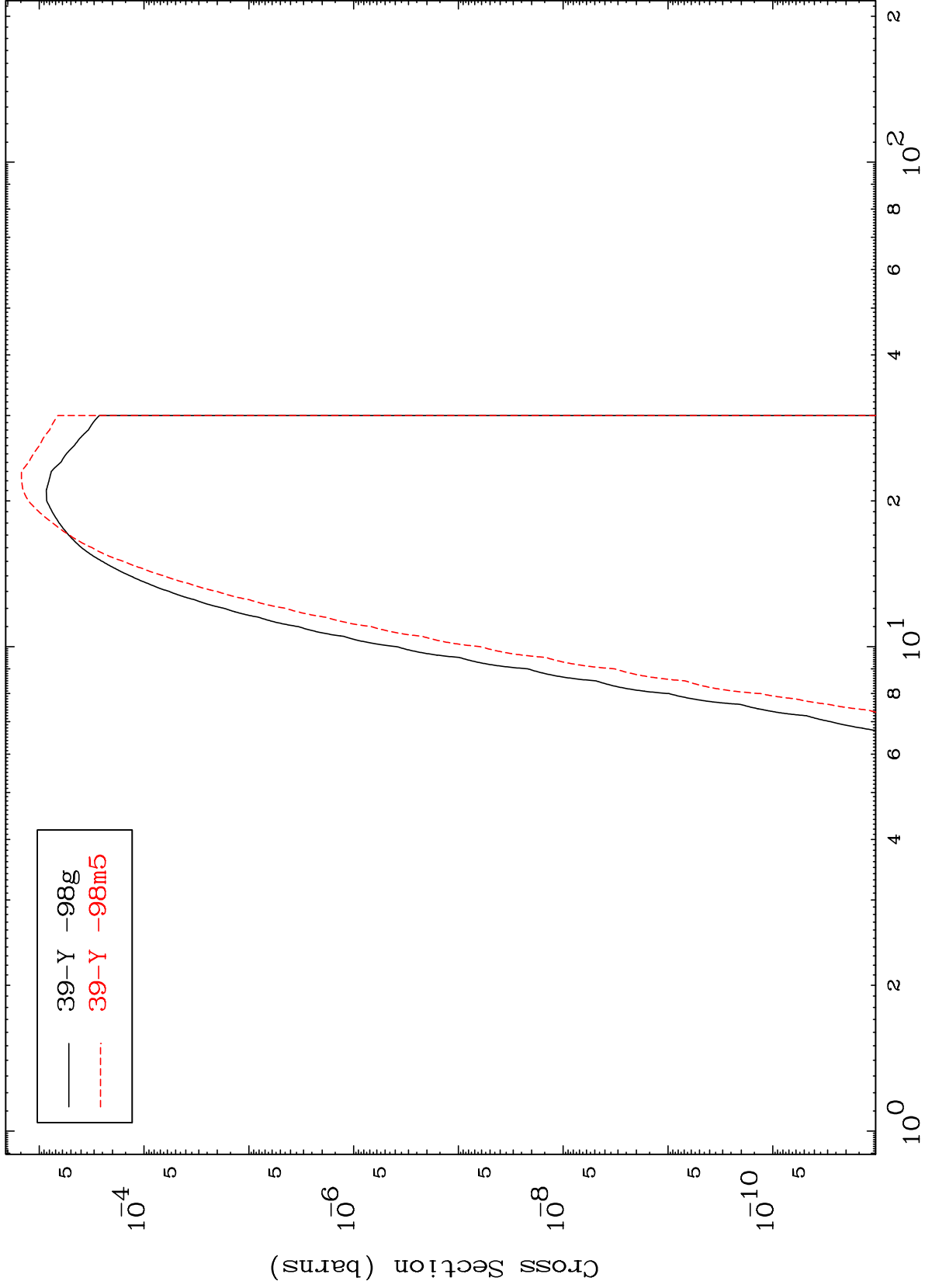


146

MAT 4149

41-Nb-101

(n, α)
Radionuclide Production Cross Section



147

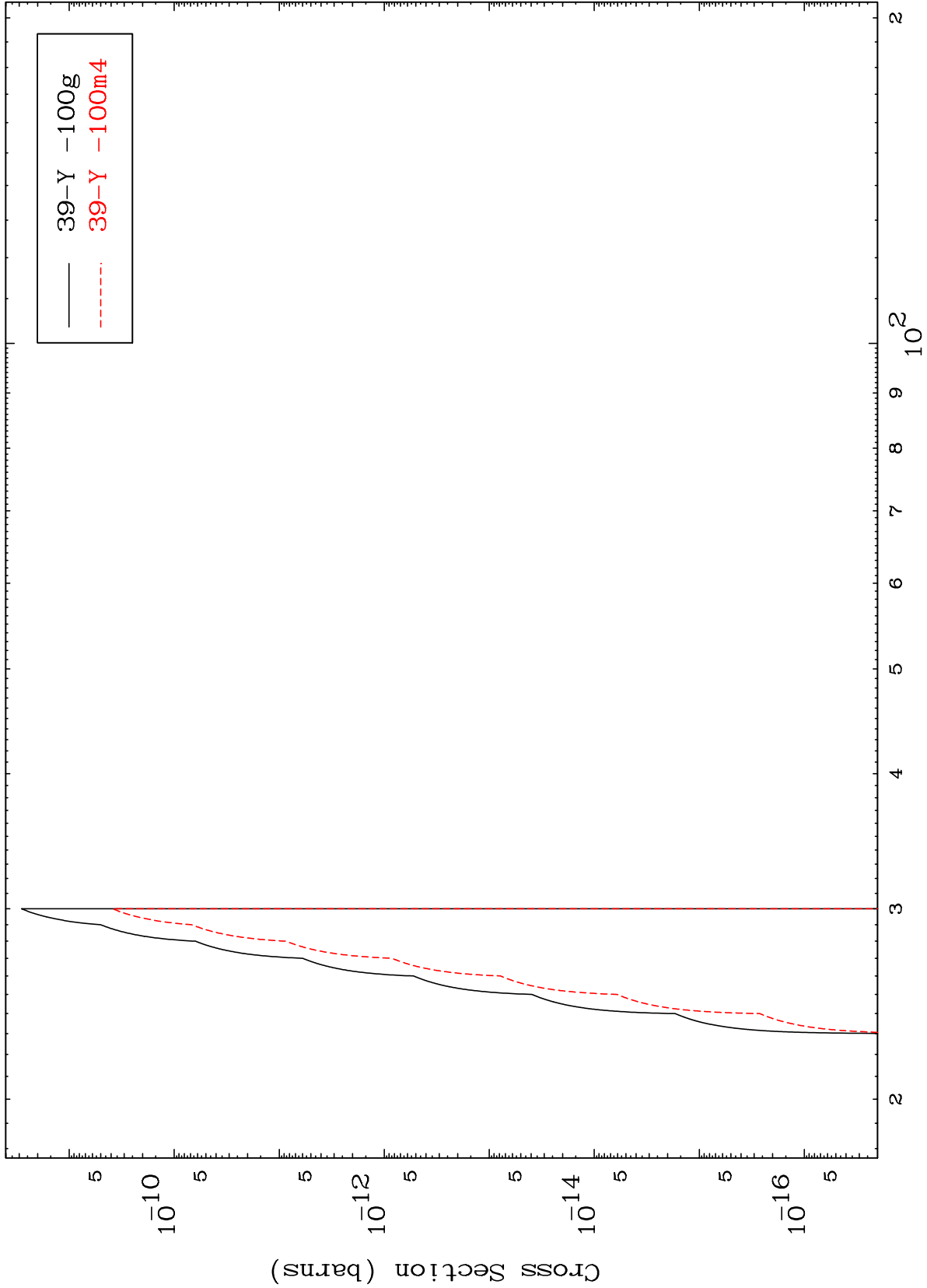
Incident Energy (MeV)

41-Nb-101

MAT 4149

41-Nb-101

(n,2p)
Radionuclide Production Cross Section



148

Incident Energy (MeV)

41-Nb-101