

Program EVALPLOT
(Version 2017-1)

by

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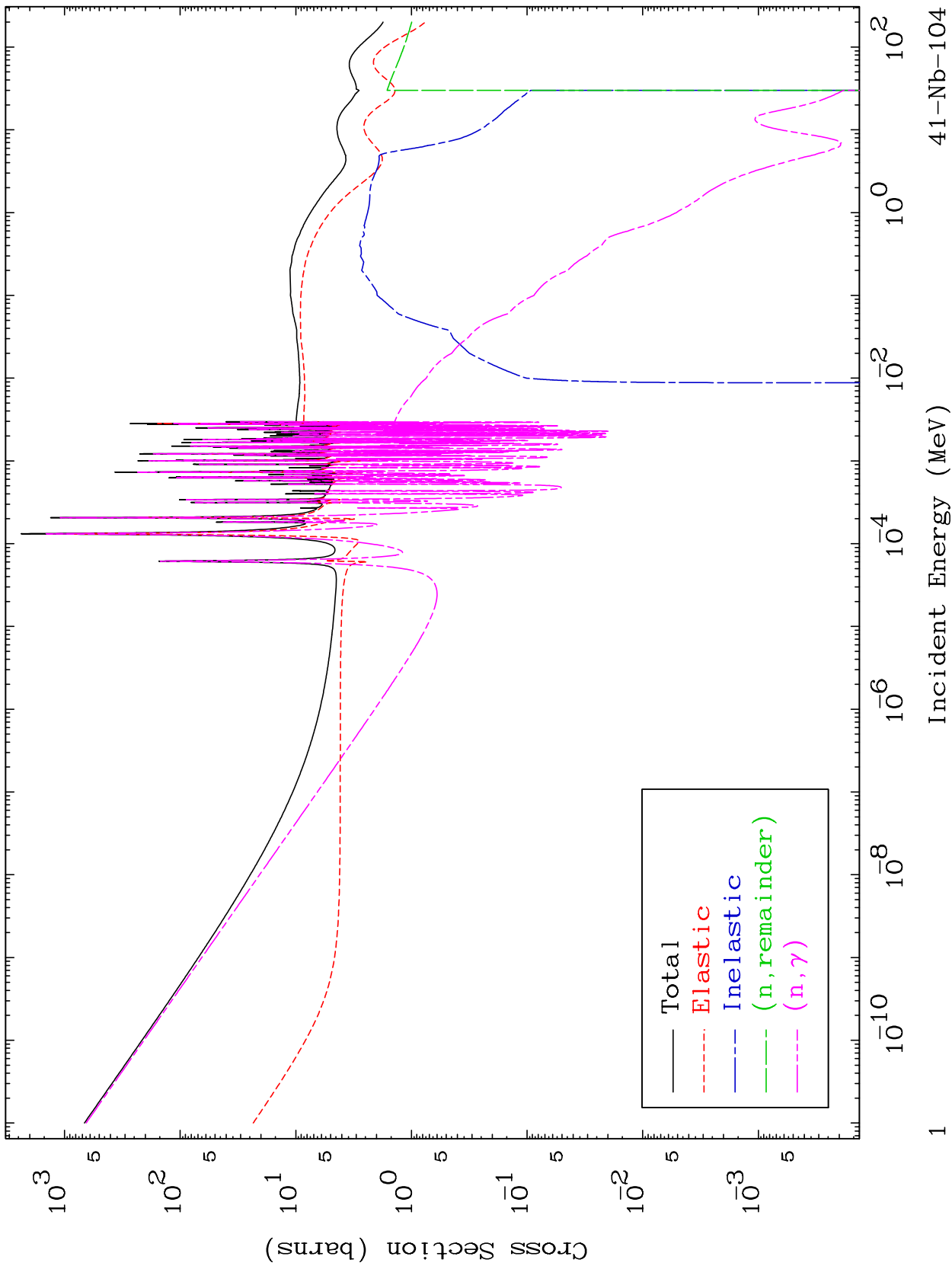
Press Mouse Button to Start

MAT 4158

Major

293 Kelvin Cross Sections

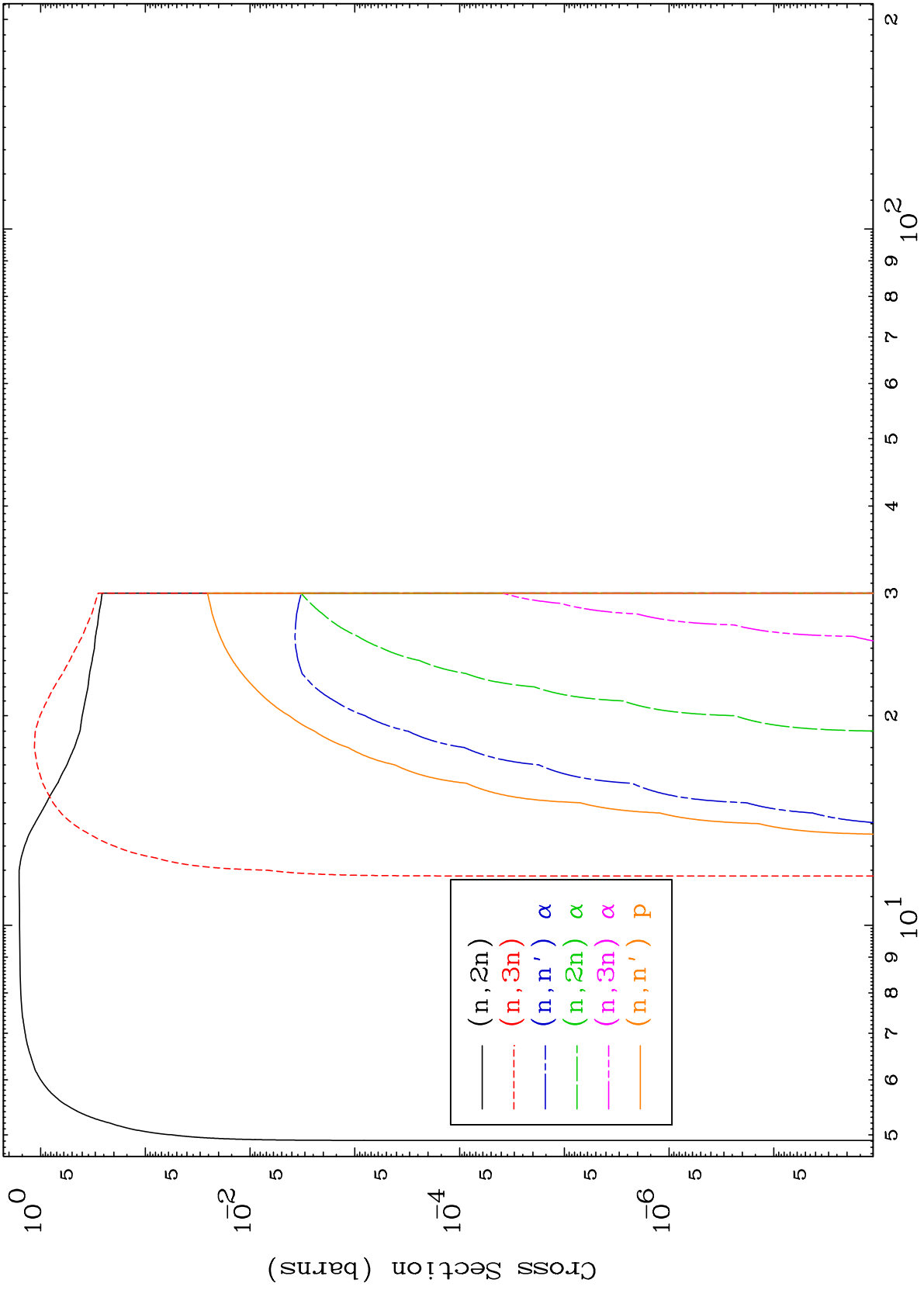
41-Nb-104



MAT 4158

Neutron Production
293 Kelvin Cross Sections

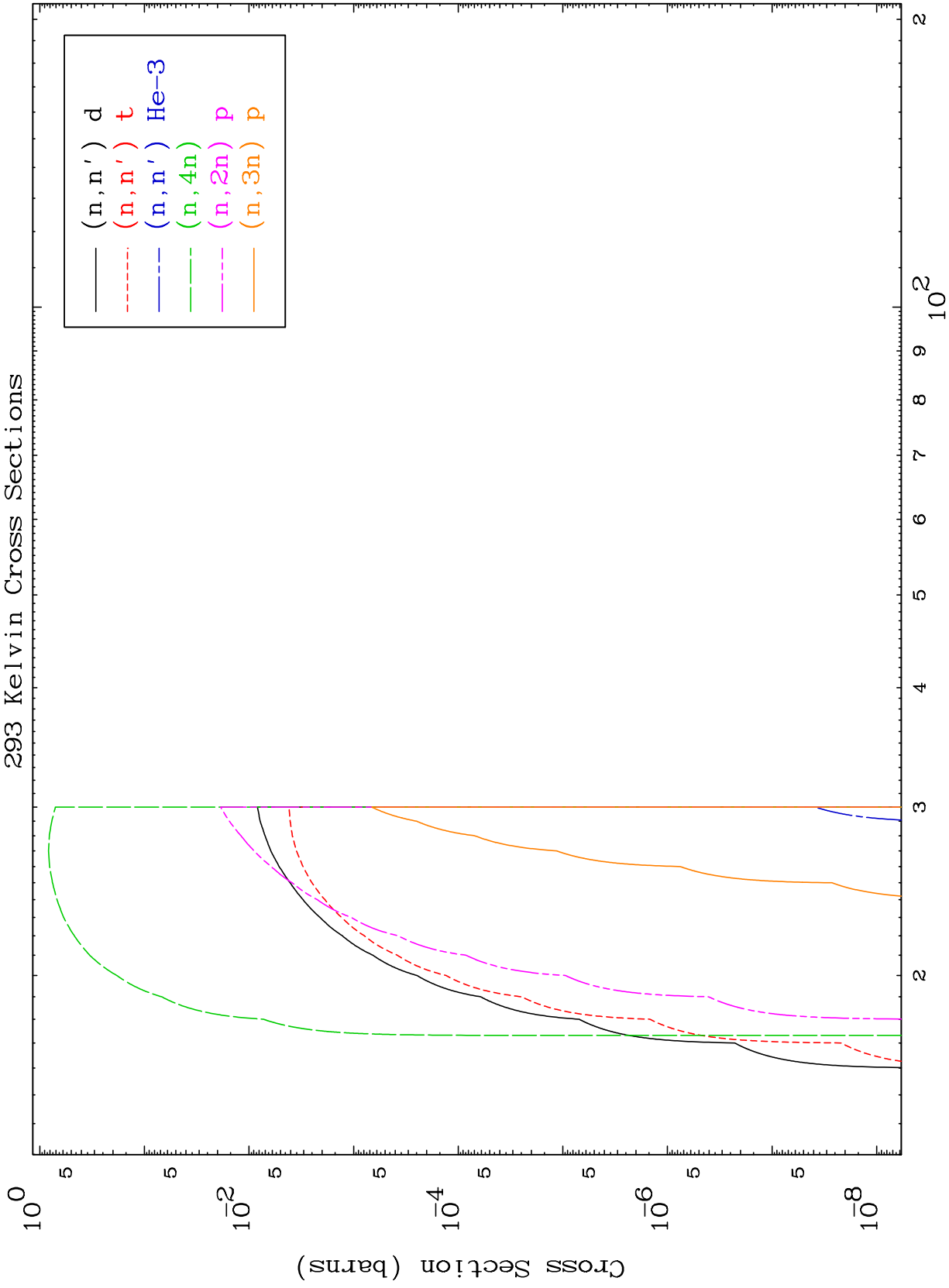
41-Nb-104

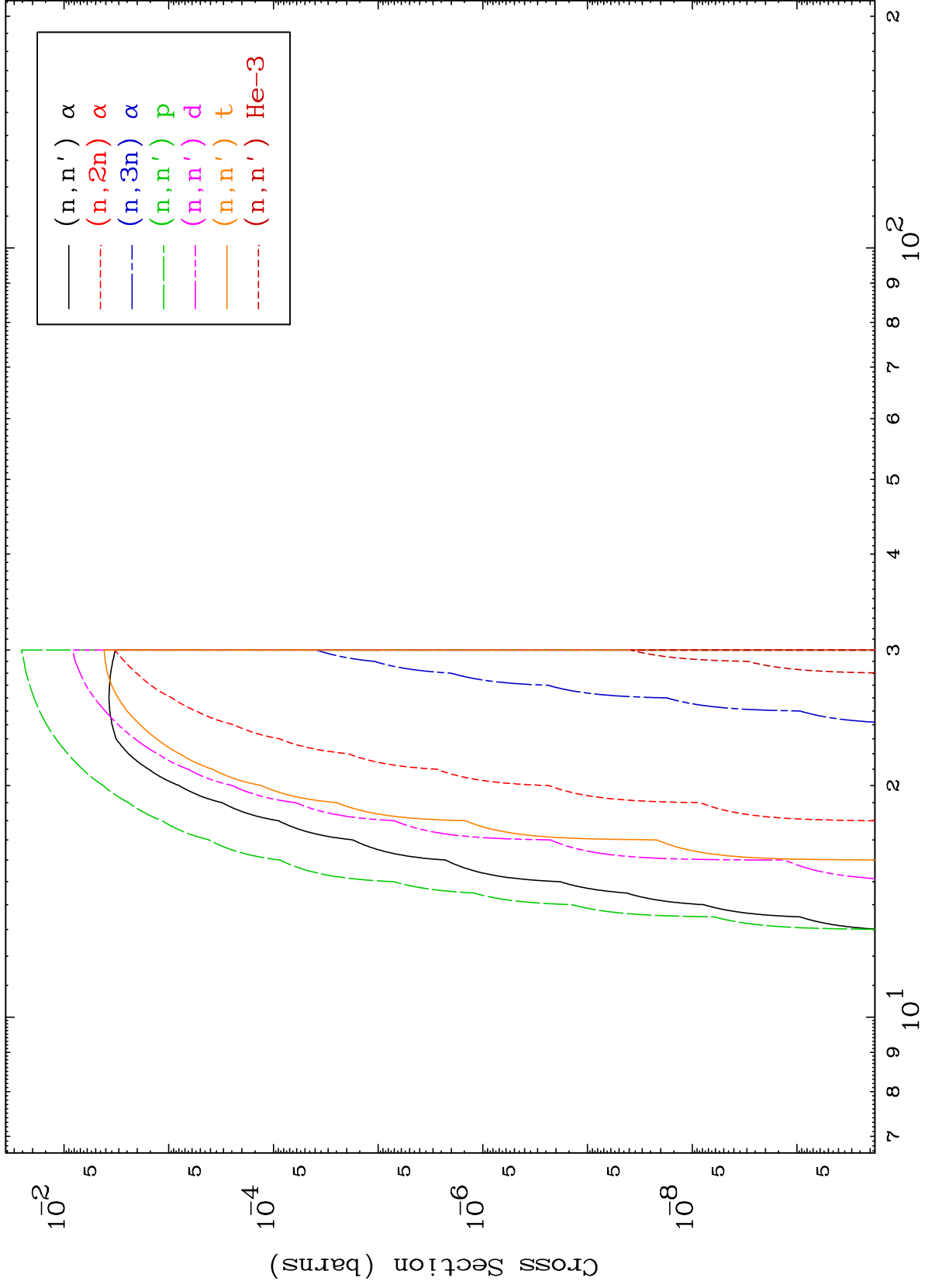


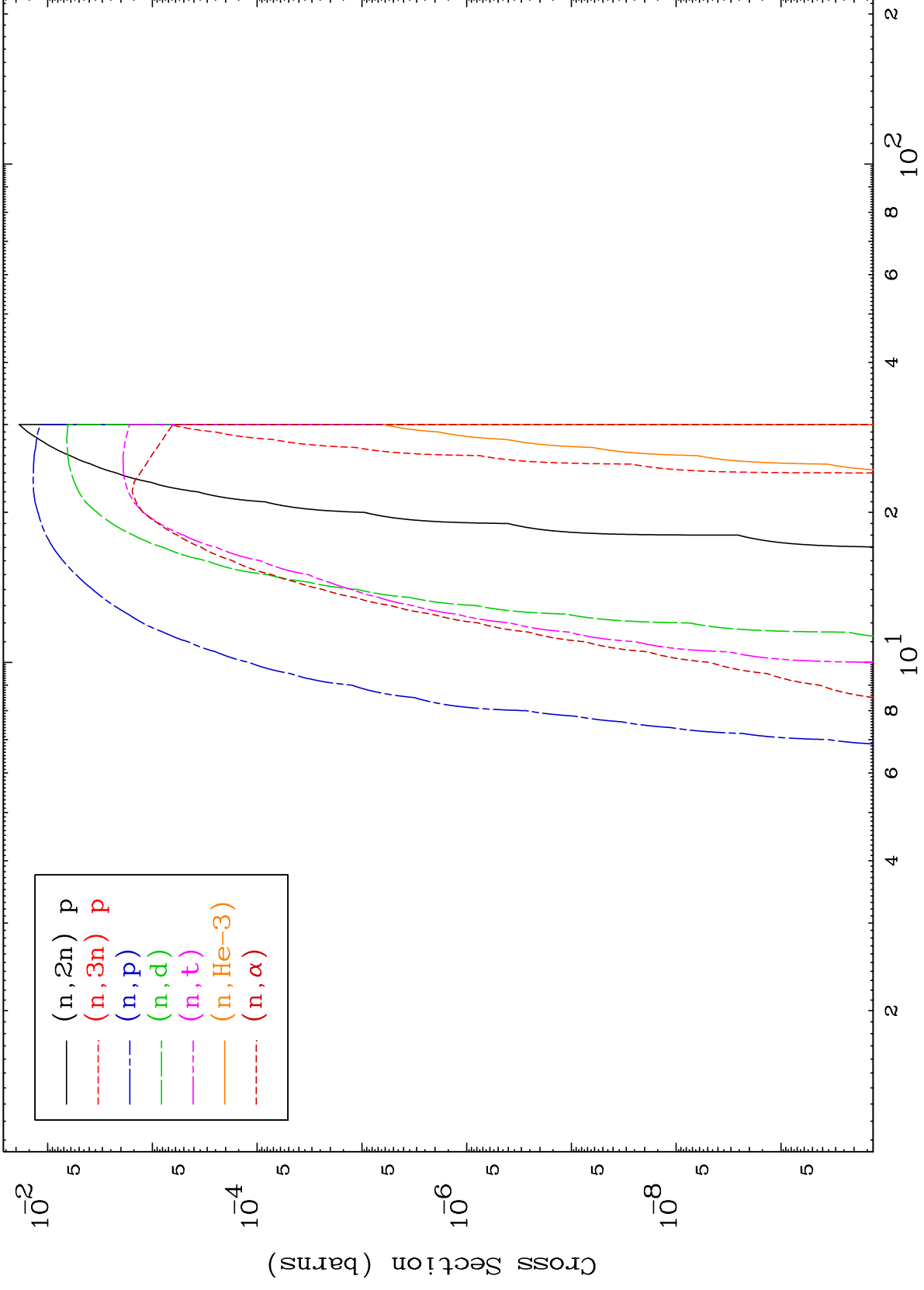
2

Incident Energy (MeV)

41-Nb-104



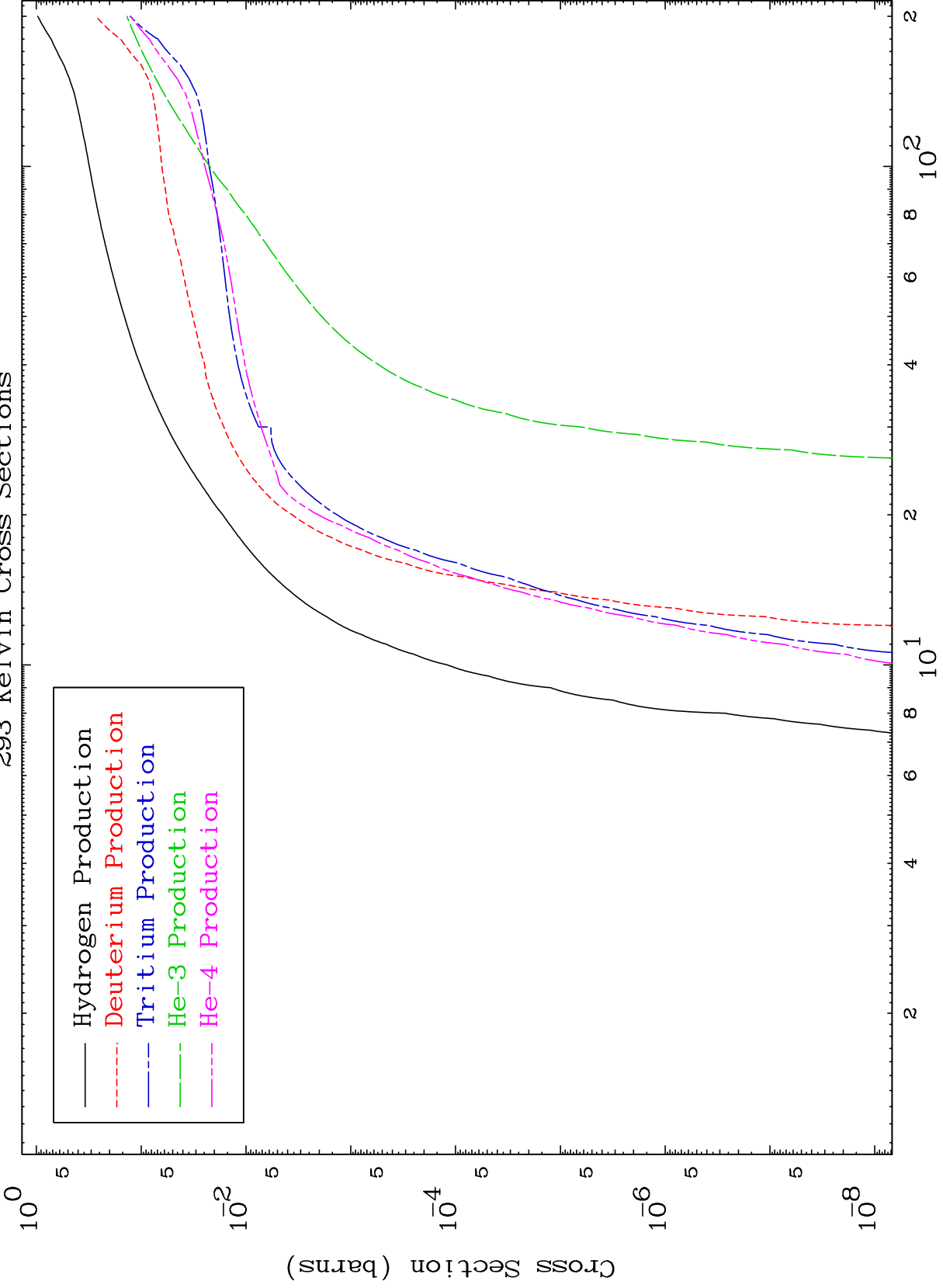




MAT 4158

Particle Production
293 Kelvin Cross Sections

41-Nb-104



6

Incident Energy (MeV)

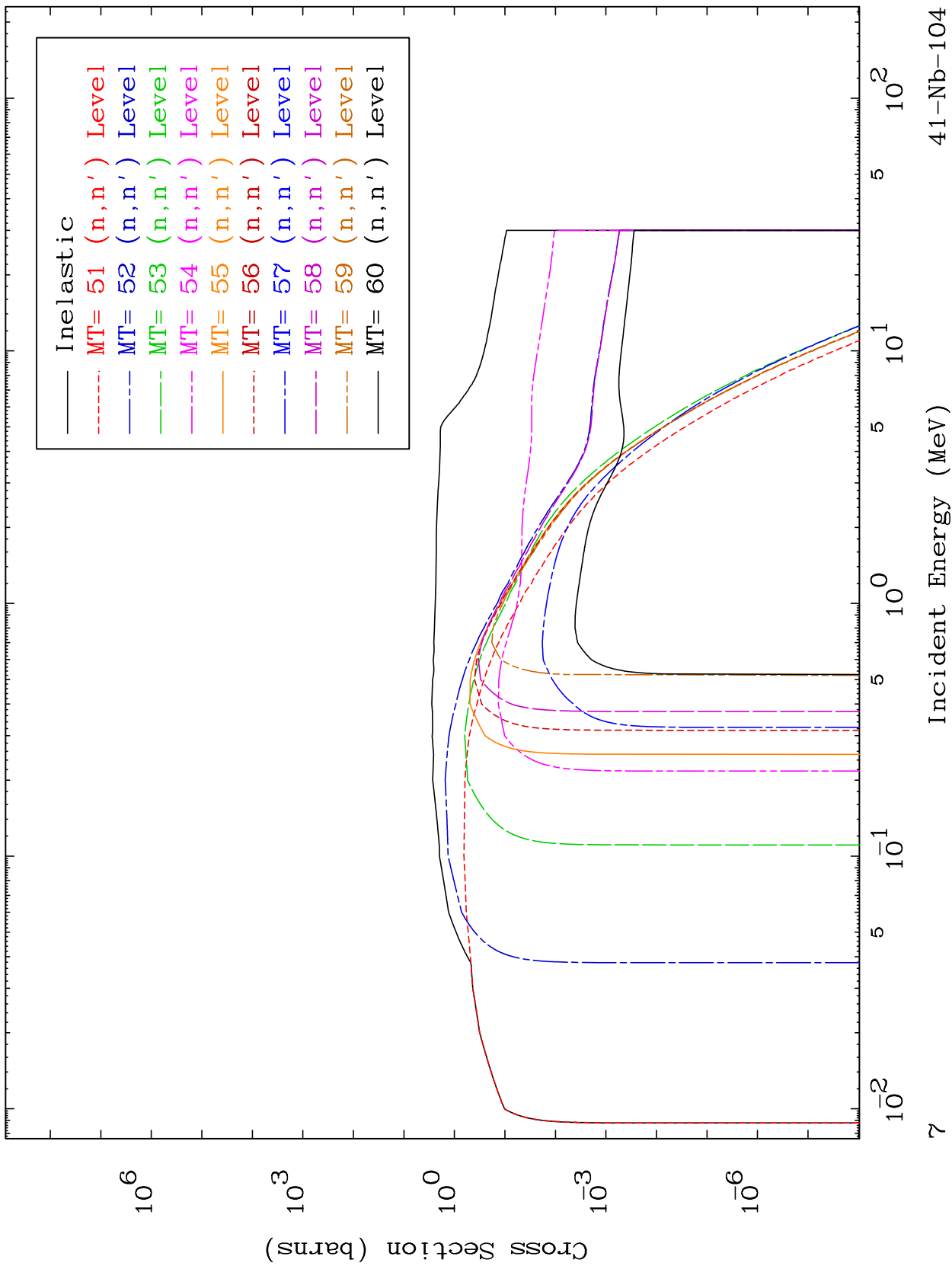
41-Nb-104

MAT 4158

(n,n') Level

41-Nb-104

293 Kelvin Cross Sections

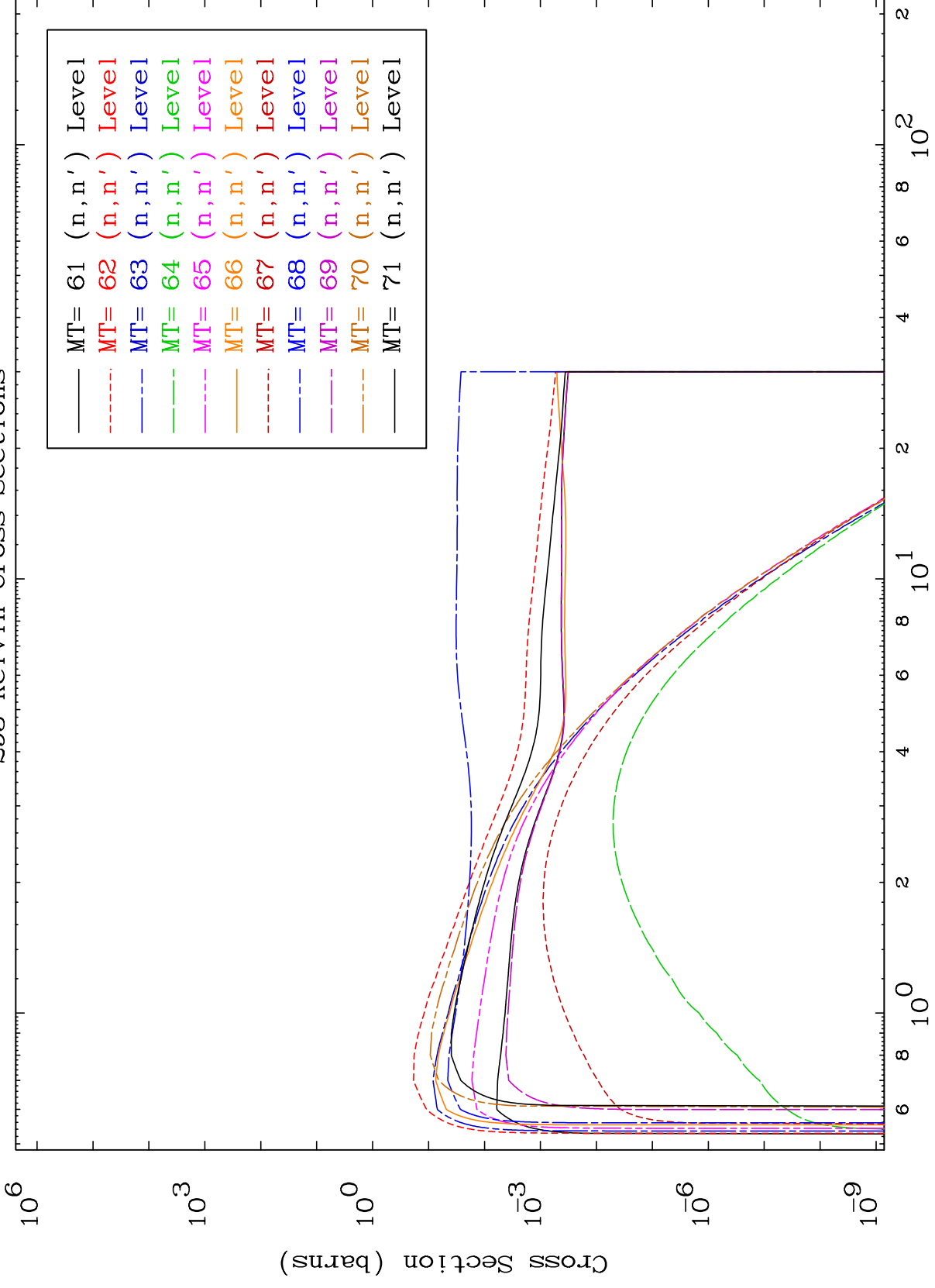


MAT 4158

(n,n') Level

41-Nb-104

293 Kelvin Cross Sections



8

Incident Energy (MeV)

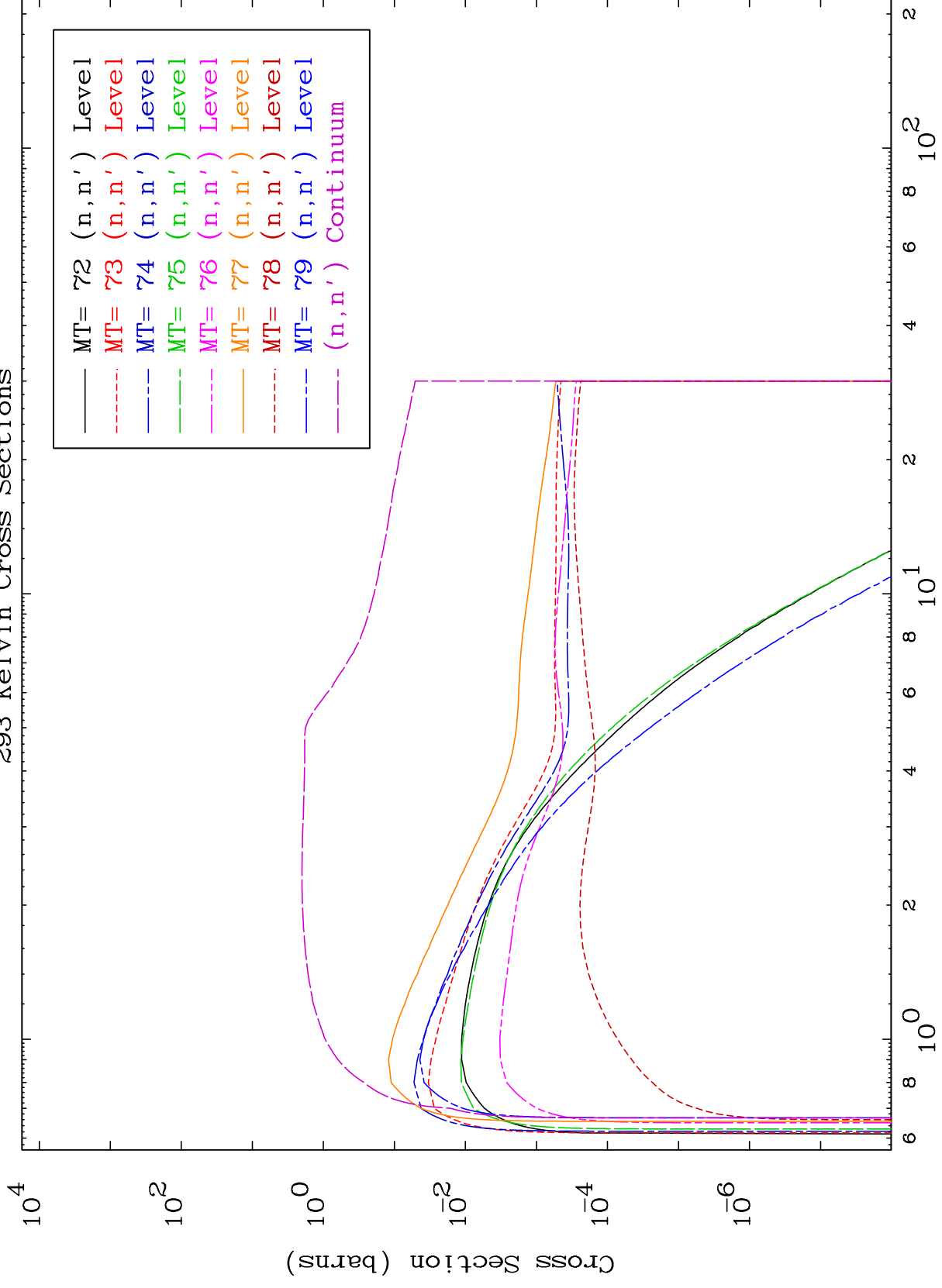
41-Nb-104

MAT 4158

(n,n') Level

41-Nb-104

293 Kelvin Cross Sections



9

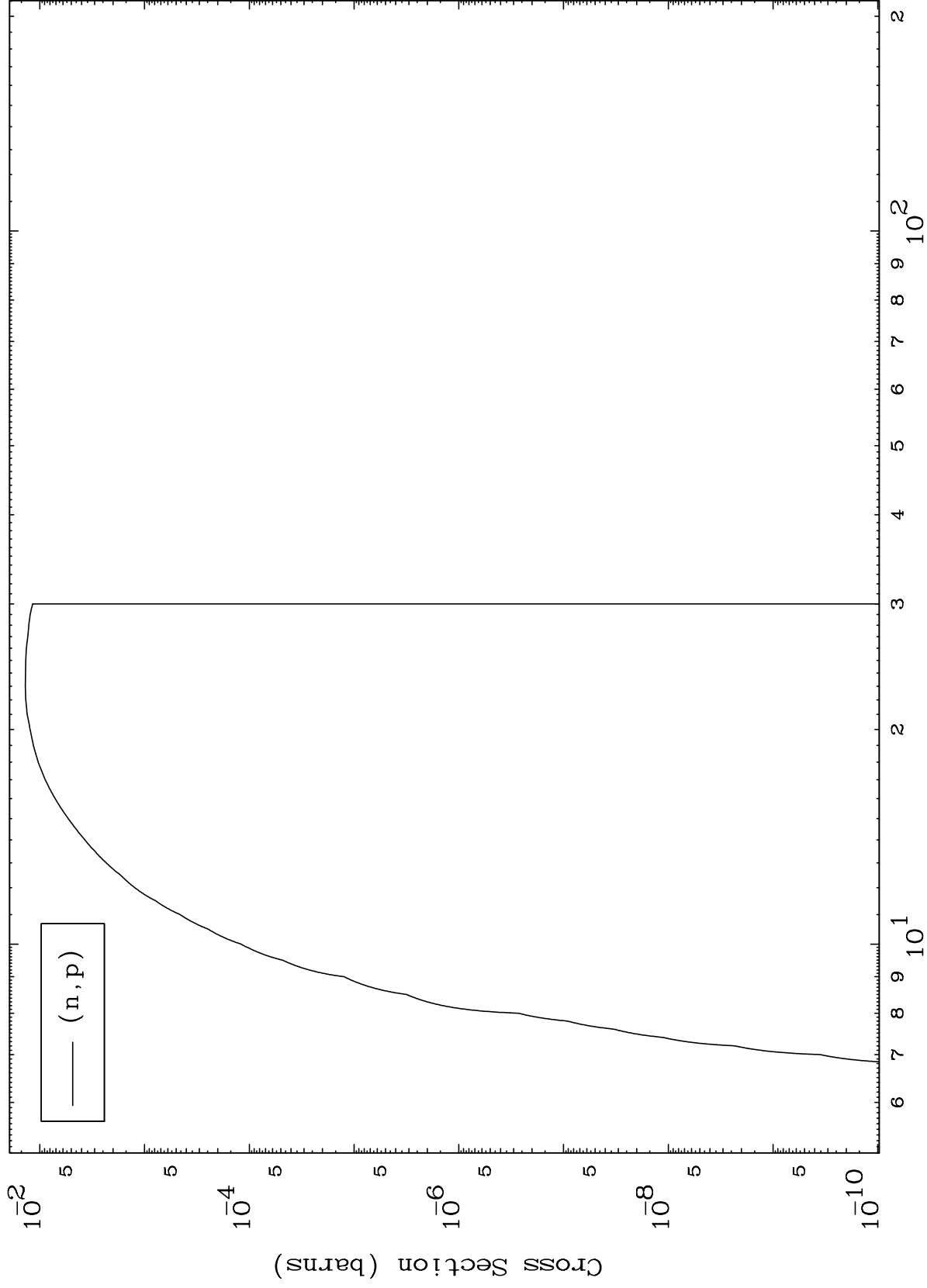
Incident Energy (MeV)

41-Nb-104

MAT 4158

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-104



Incident Energy (MeV)

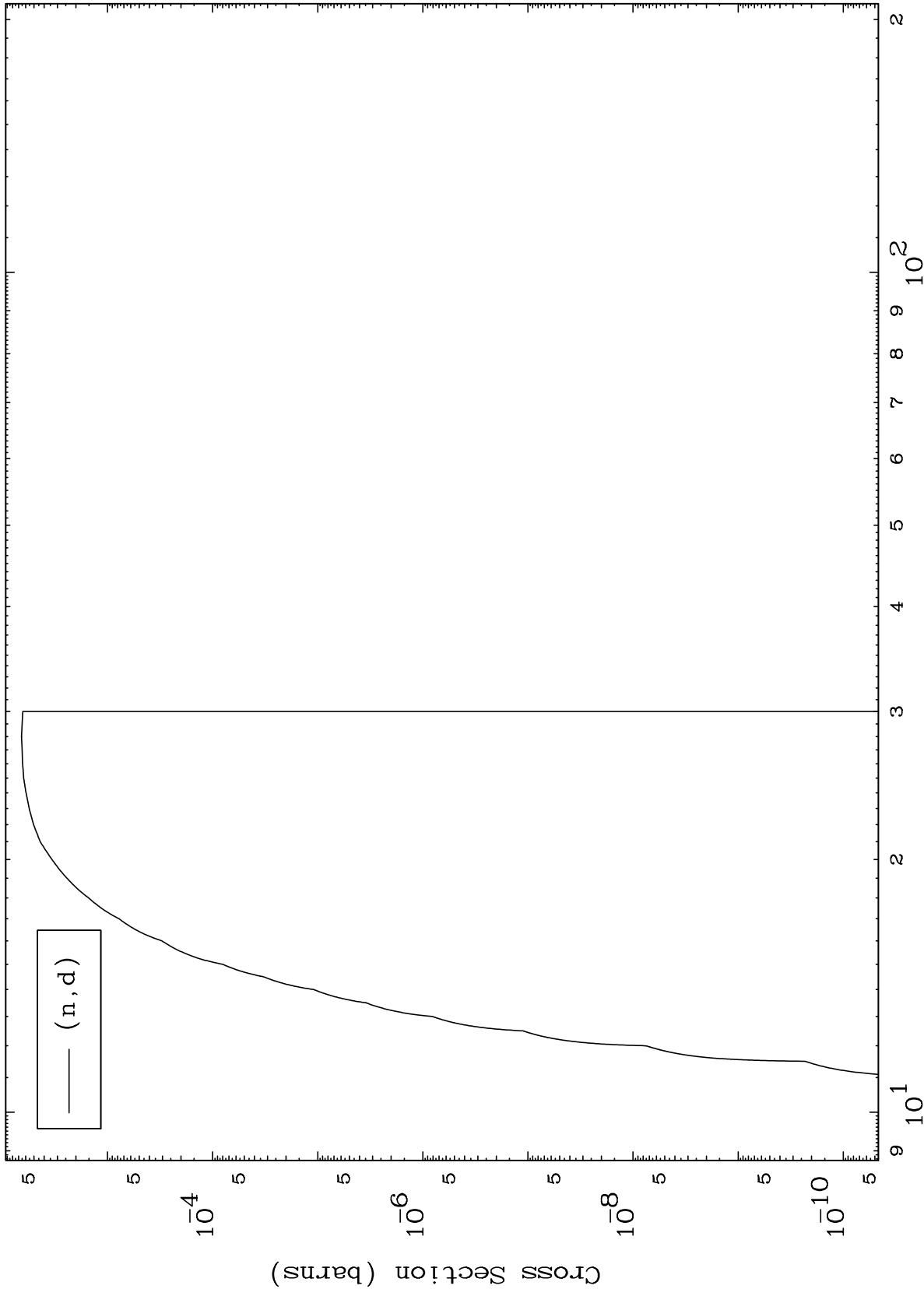
41-Nb-104

10

MAT 4158

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-104



11

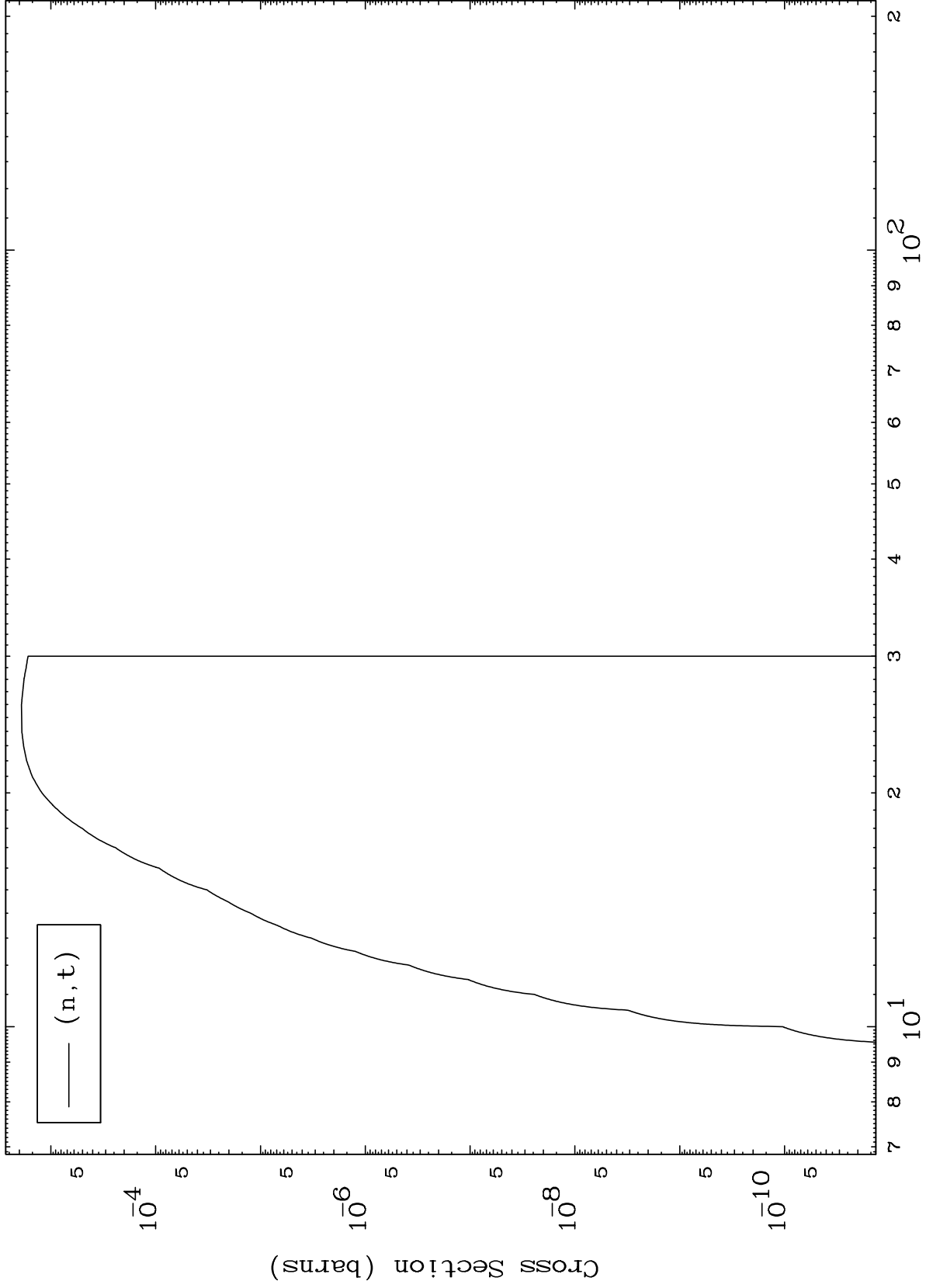
Incident Energy (MeV)

41-Nb-104

MAT 4158

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-104



12

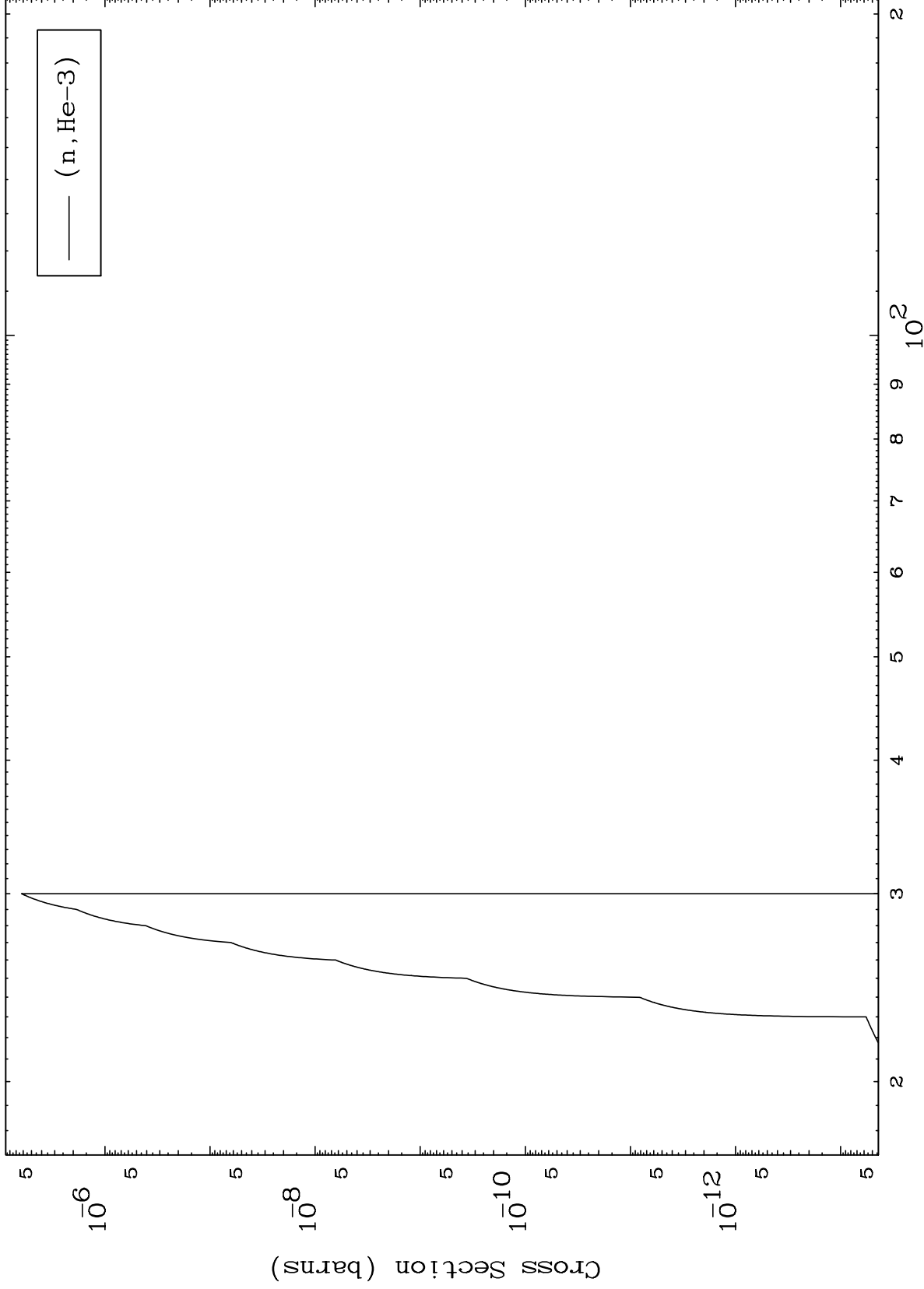
Incident Energy (MeV)

41-Nb-104

MAT 4158

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-104



13

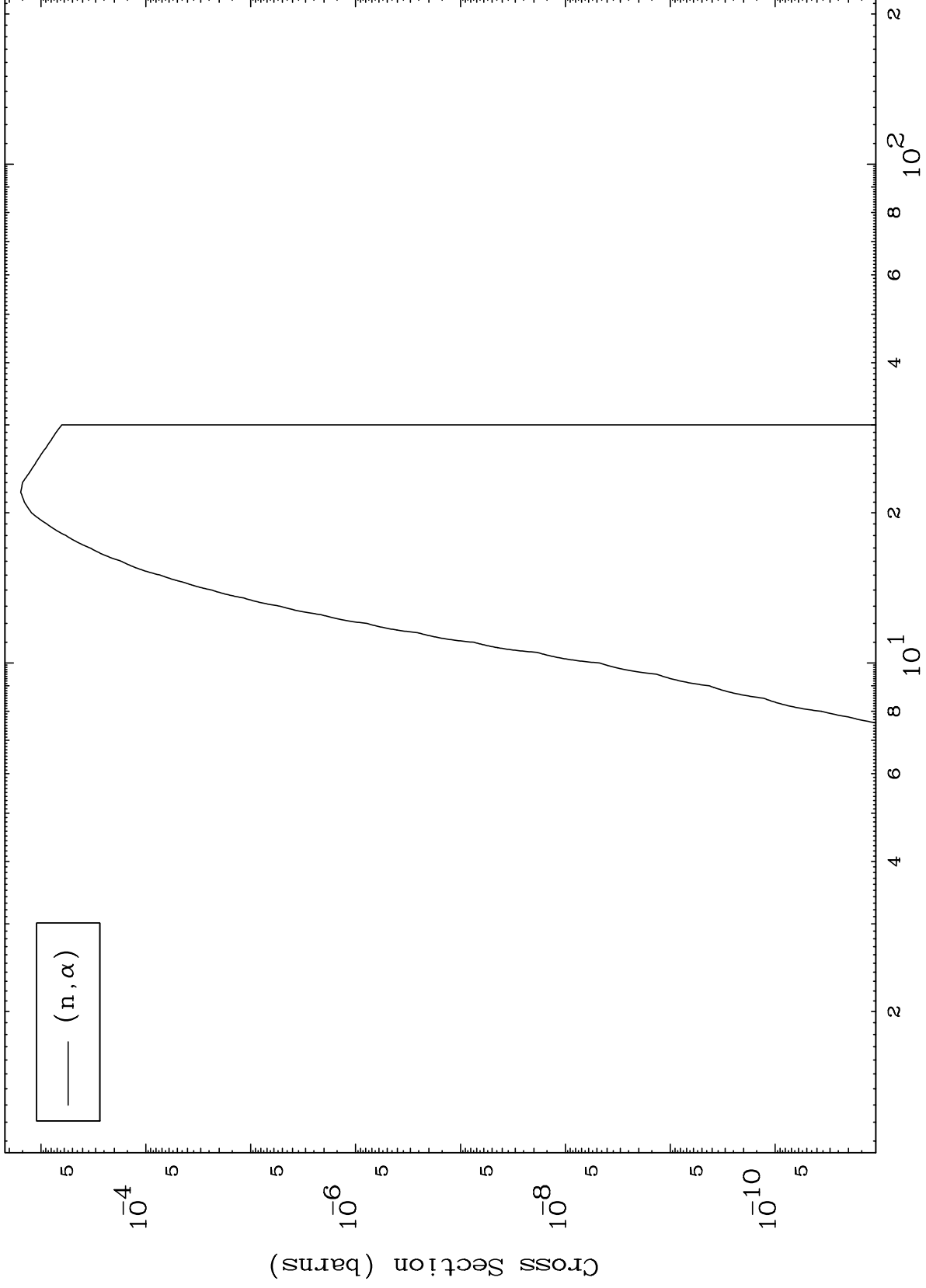
Incident Energy (MeV)

41-Nb-104

MAT 4158

(n, α) Levels
293 Kelvin Cross Sections

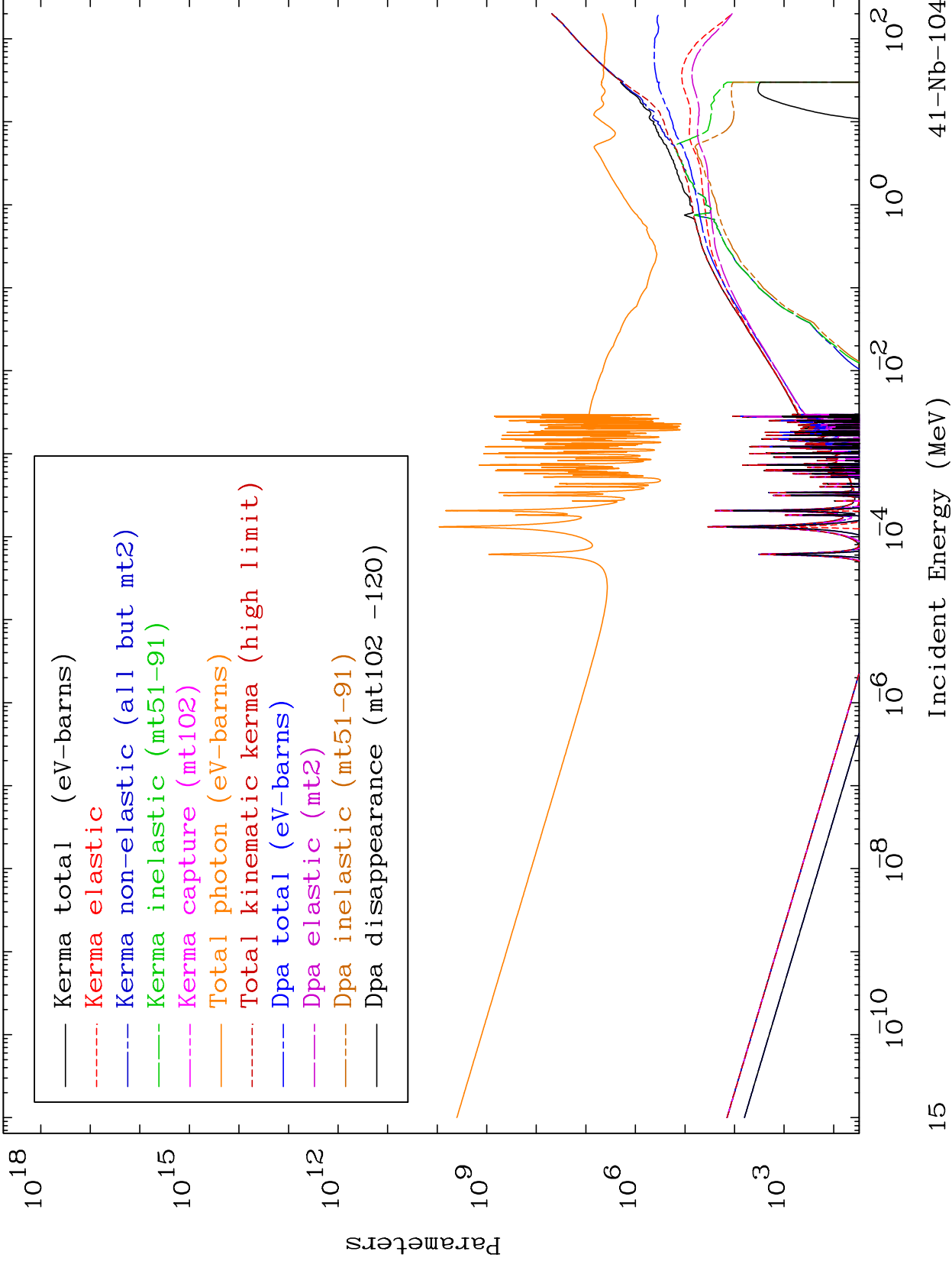
41-Nb-104



14

Incident Energy (MeV)

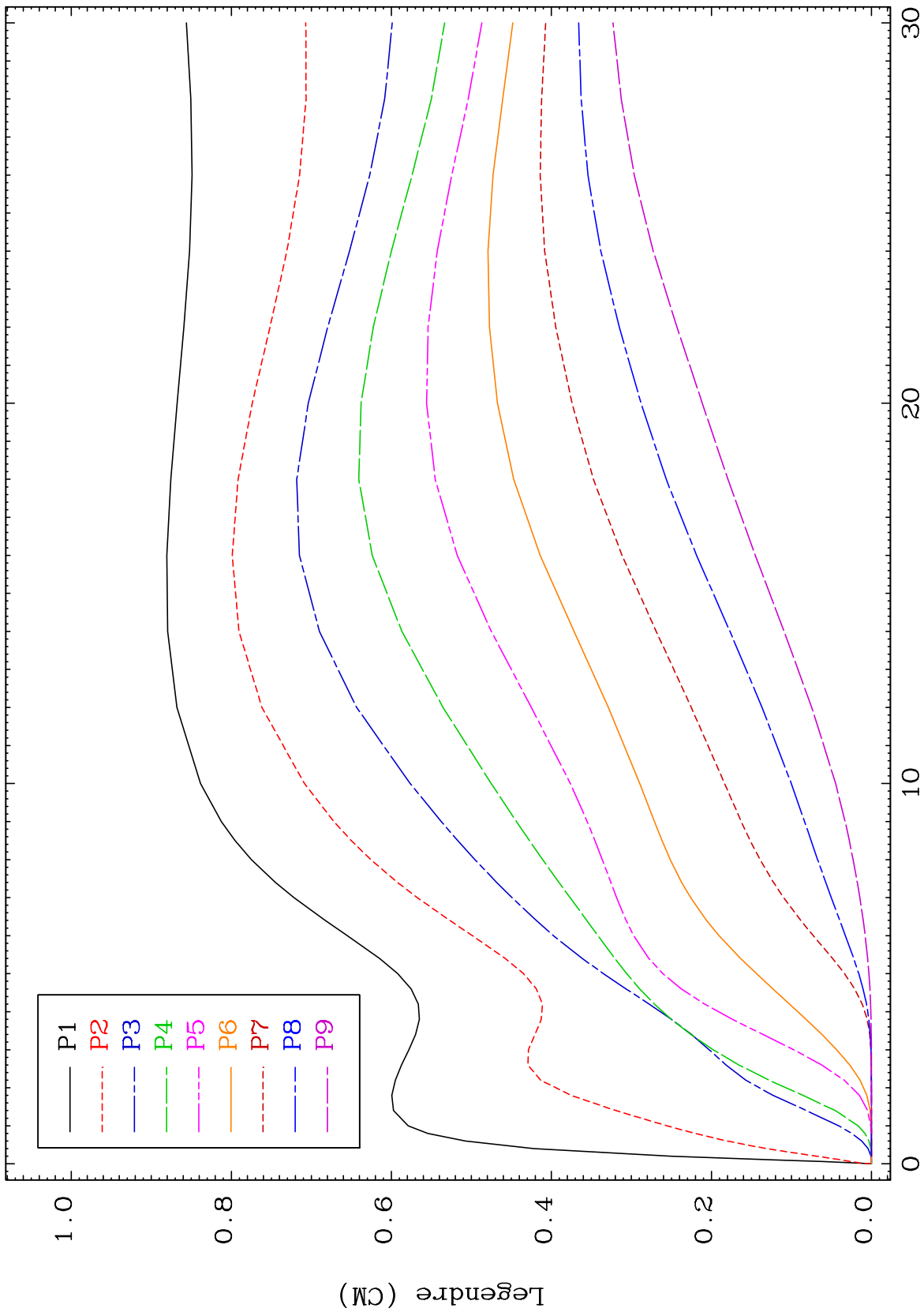
41-Nb-104



MAT 4158

Elastic Legendre Coefficients

41-Nb-104

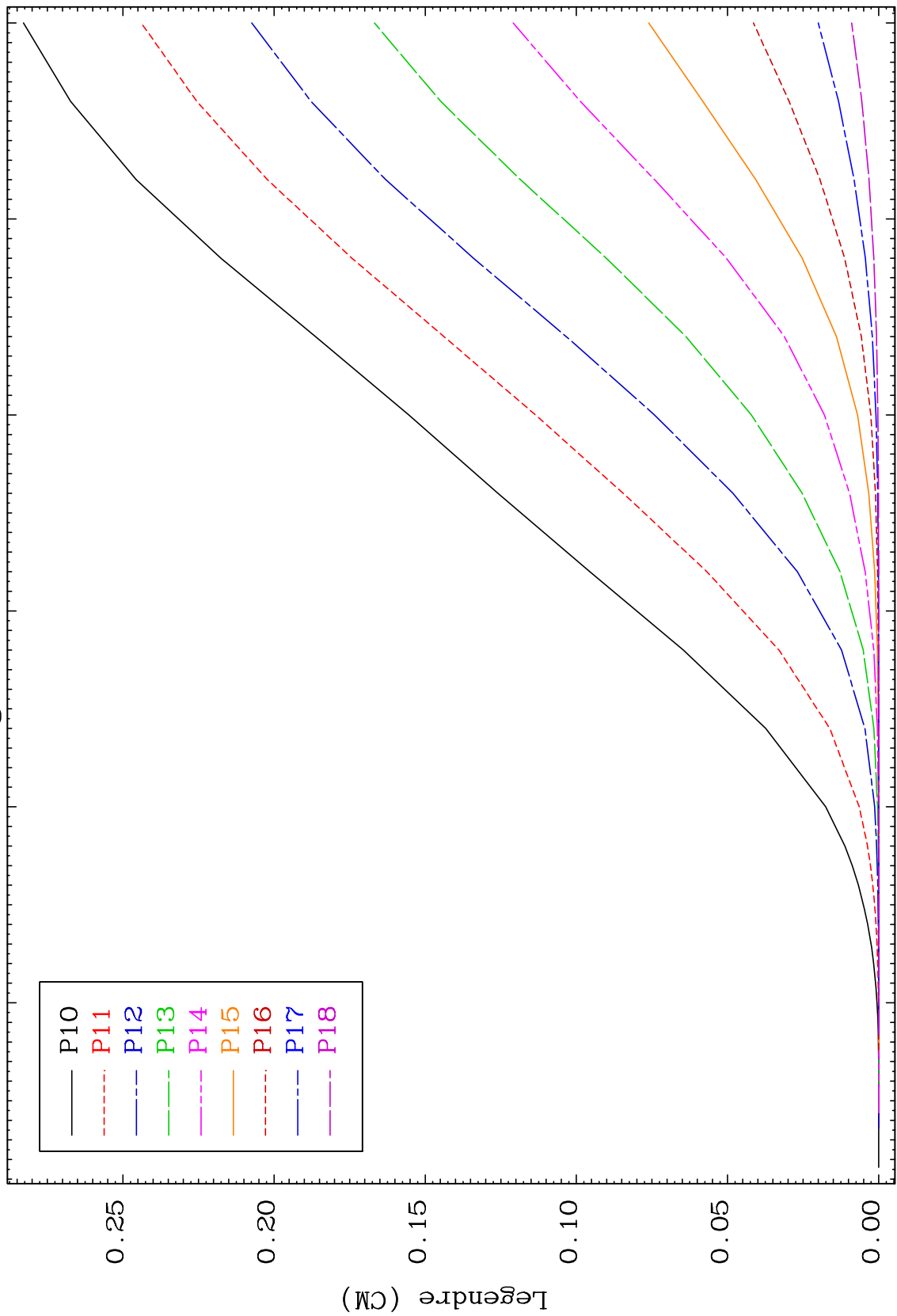


16

Incident Energy (MeV)

41-Nb-104

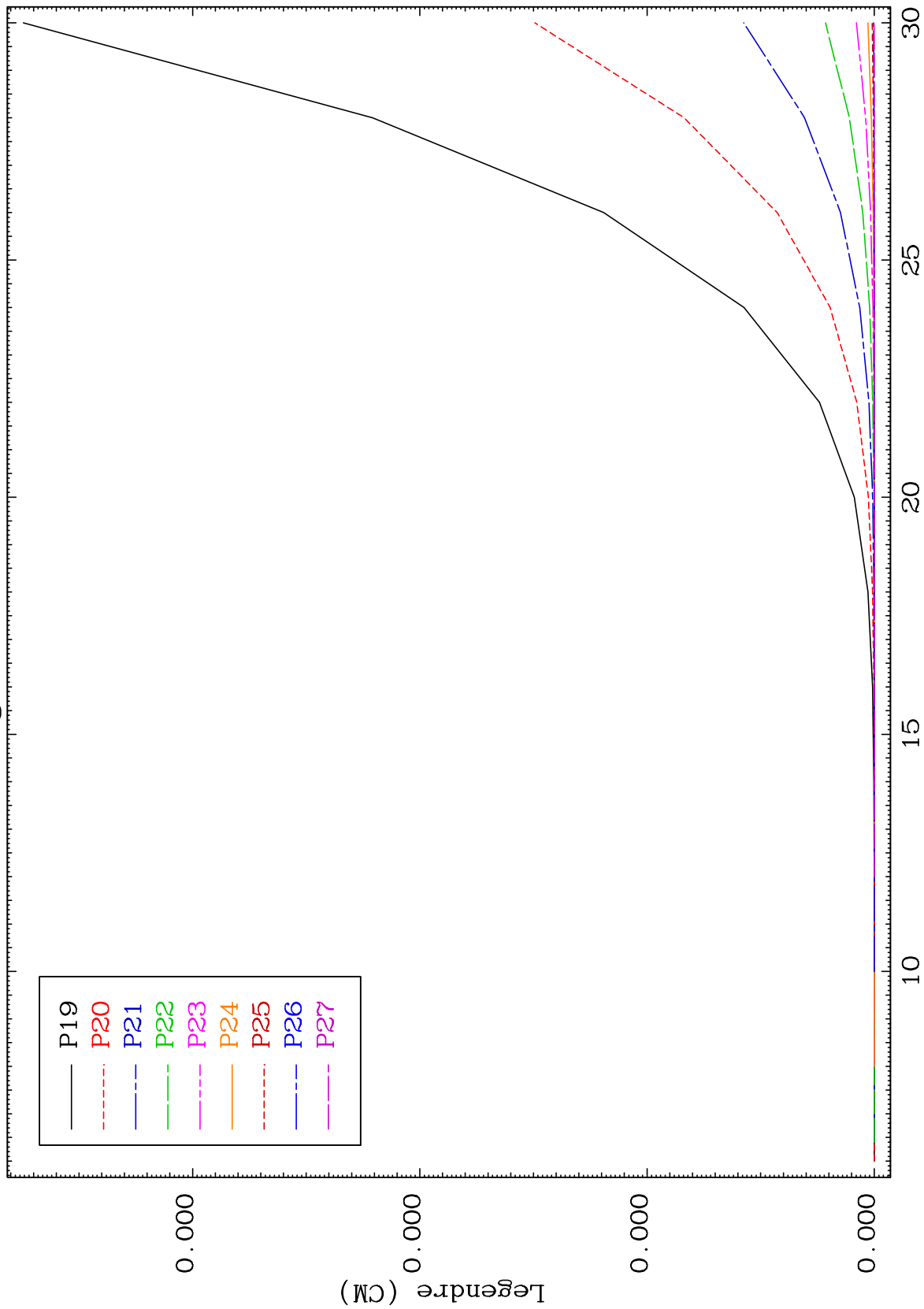
Elastic Legendre Coefficients



MAT 4158

Elastic Legendre Coefficients

41-Nb-104



18

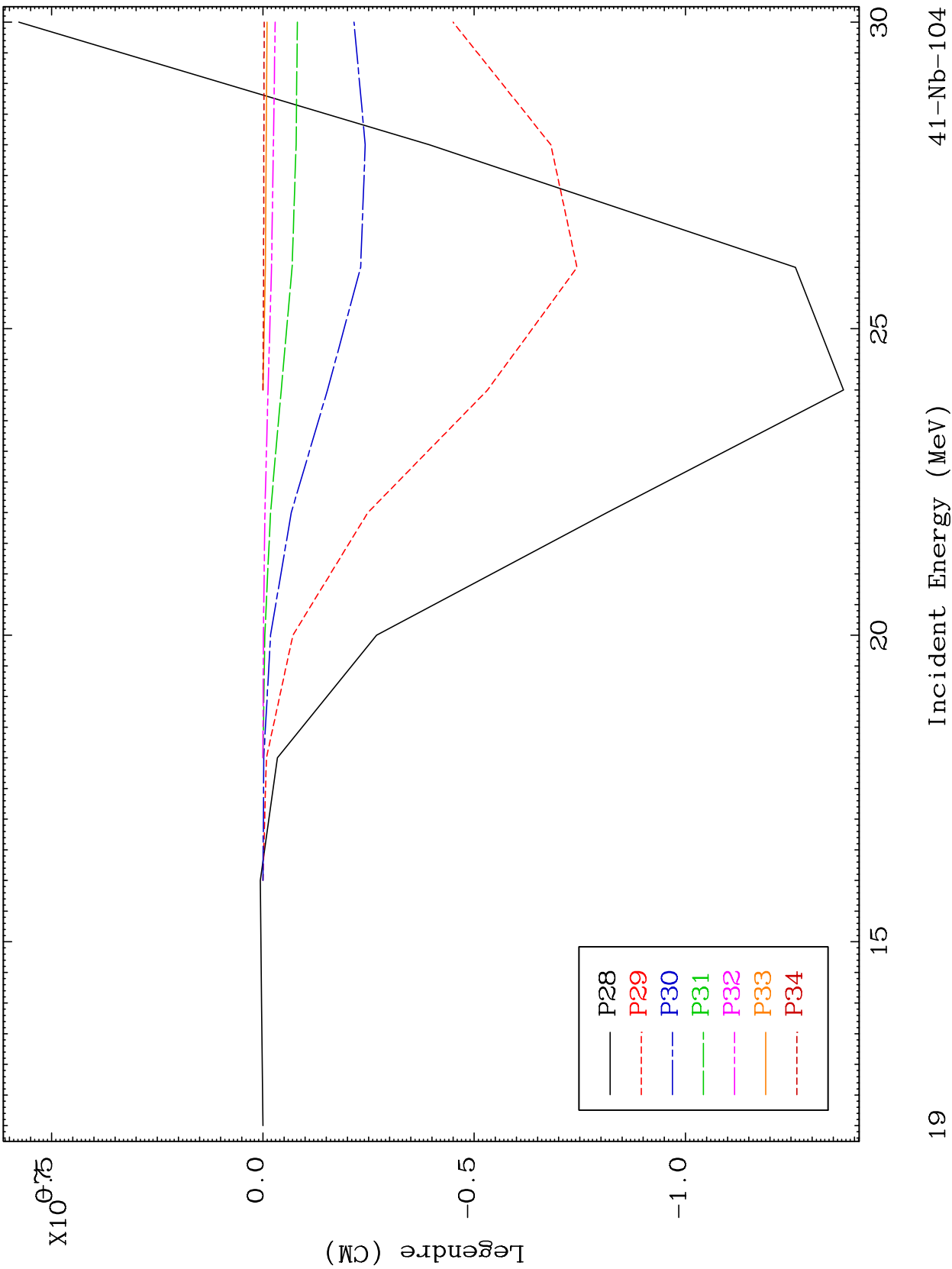
Incident Energy (MeV)

41-Nb-104

MAT 4158

Elastic Legendre Coefficients

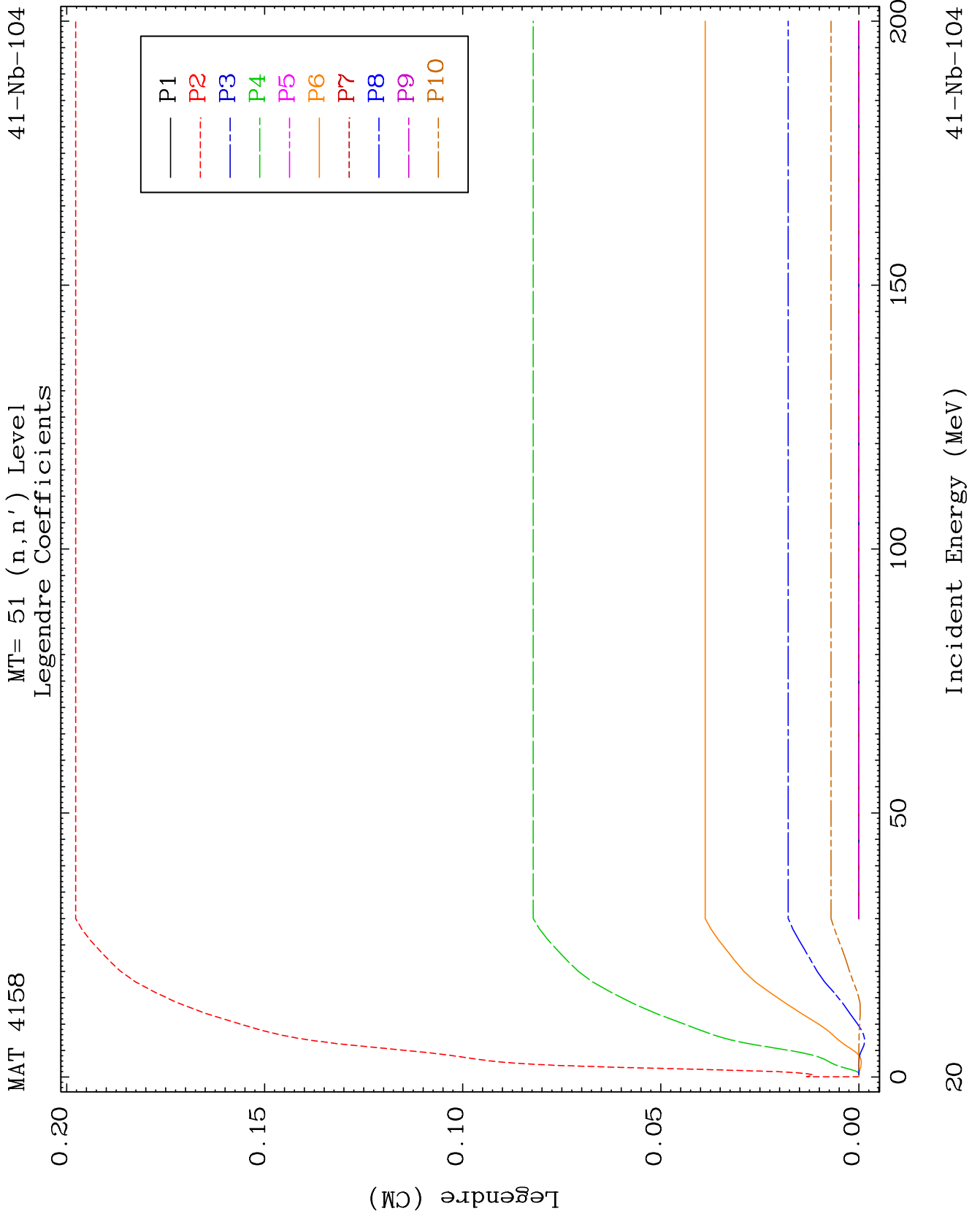
41-Nb-104



19

Incident Energy (MeV)

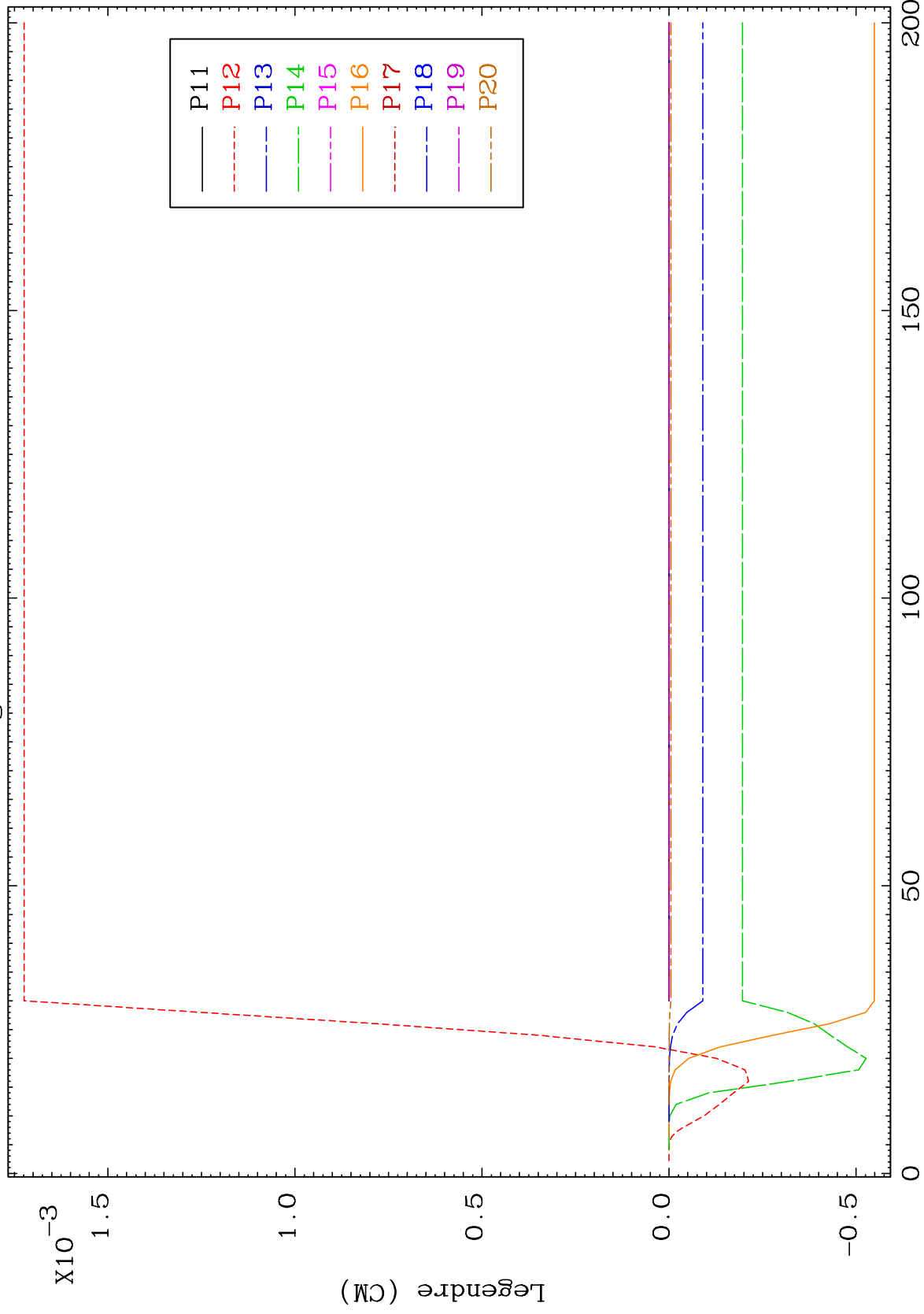
41-Nb-104



MAT 4158

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

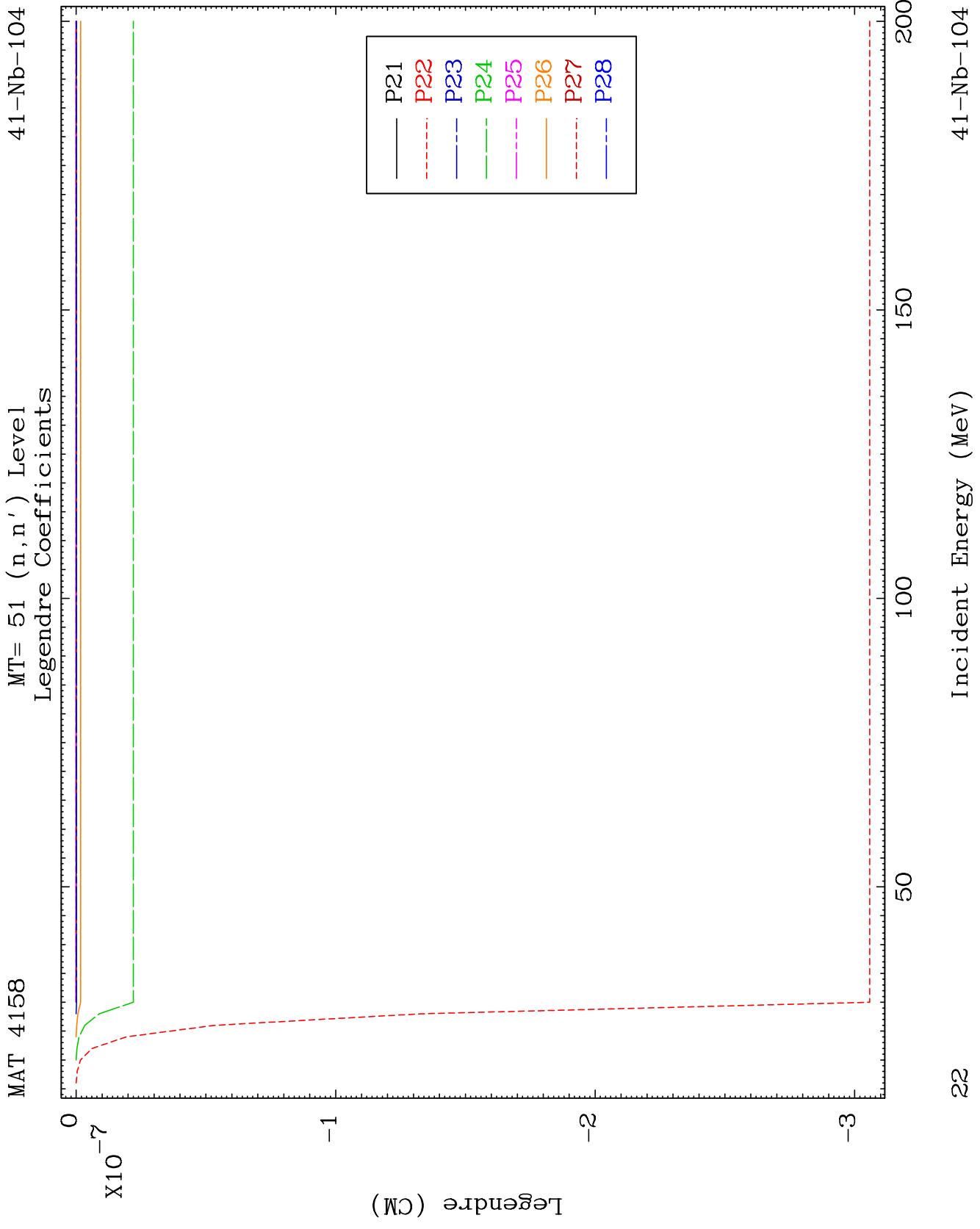
41-Nb-104



21

Incident Energy (MeV)

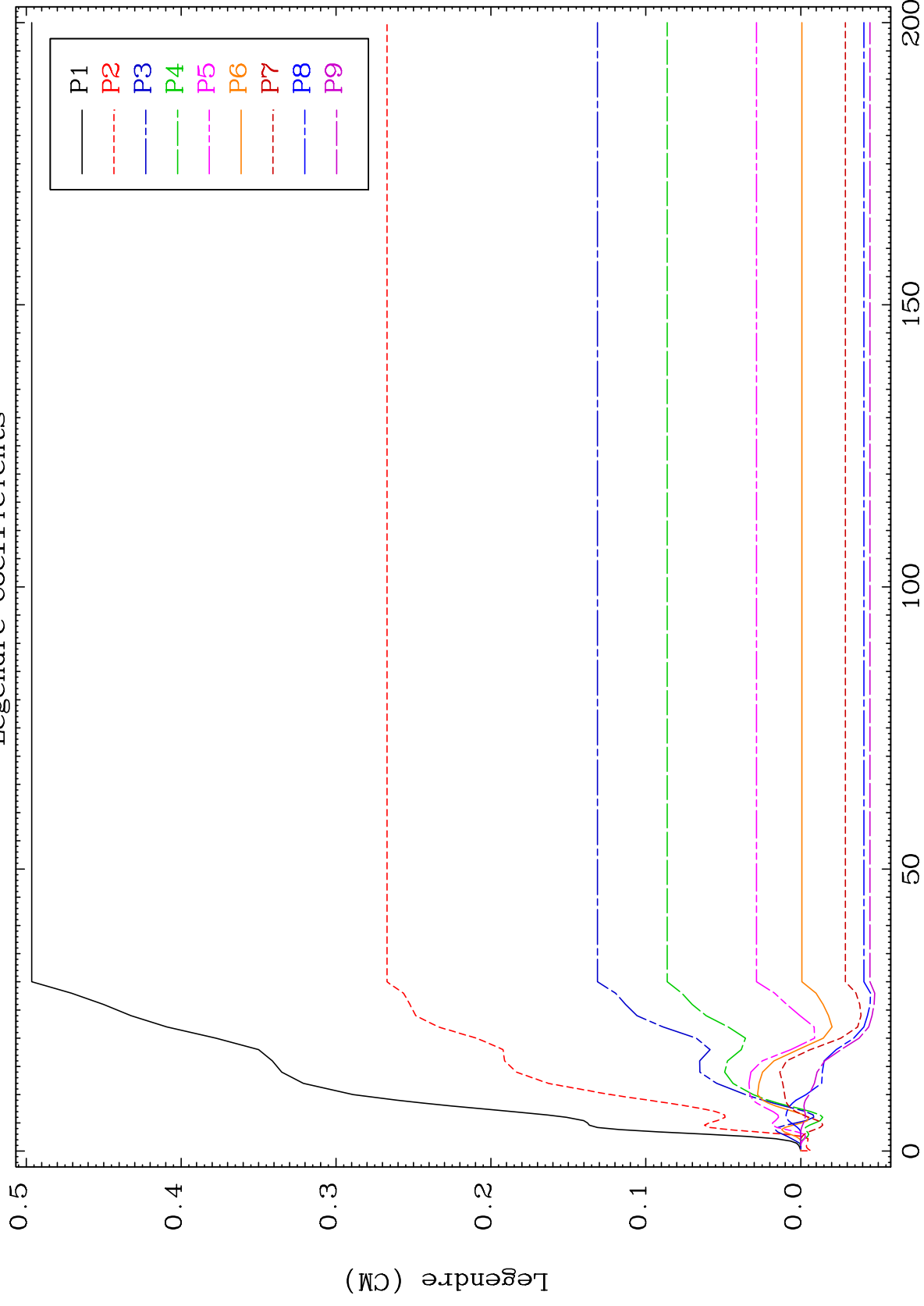
41-Nb-104



MAT 4158

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

41-Nb-104



23

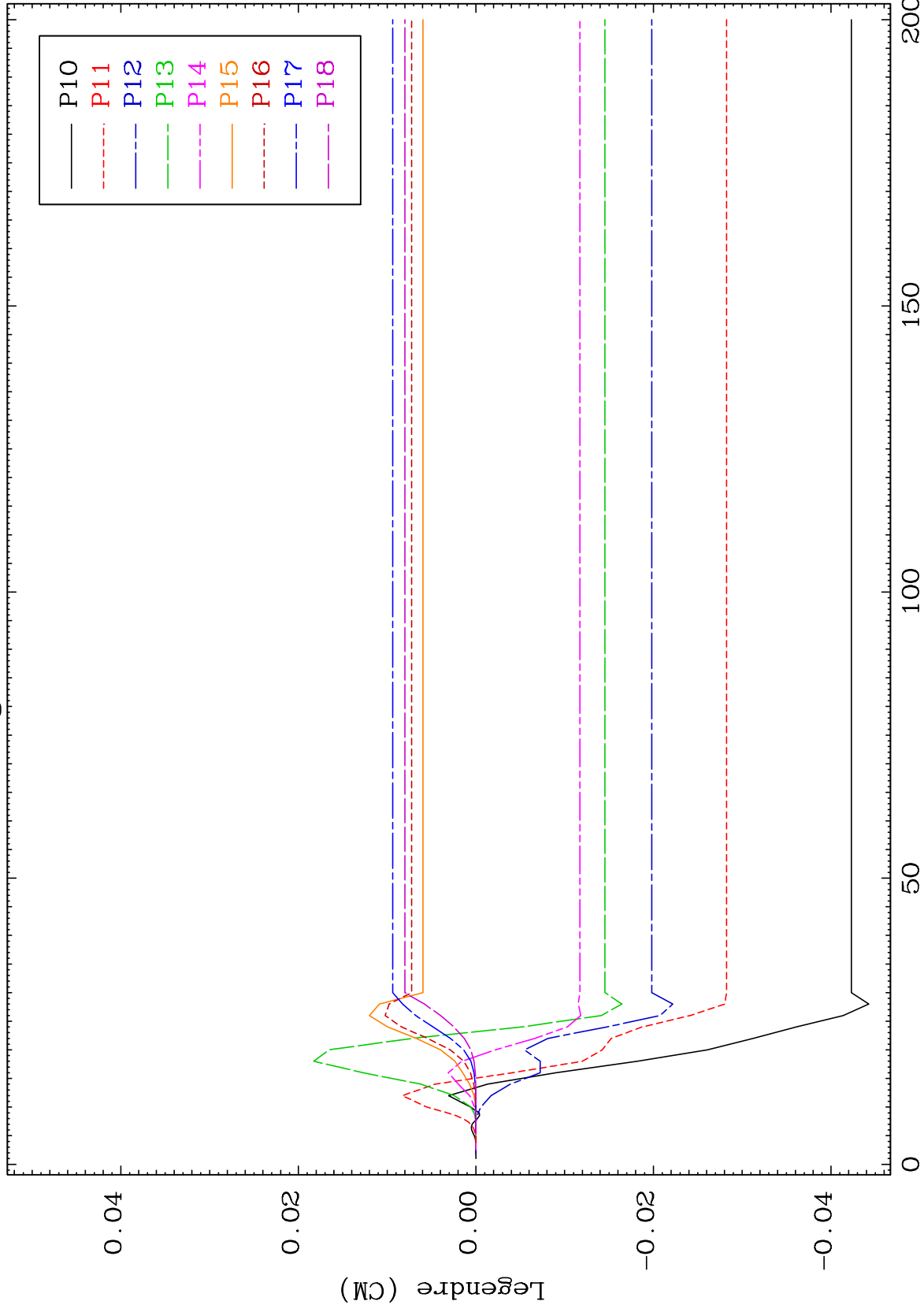
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

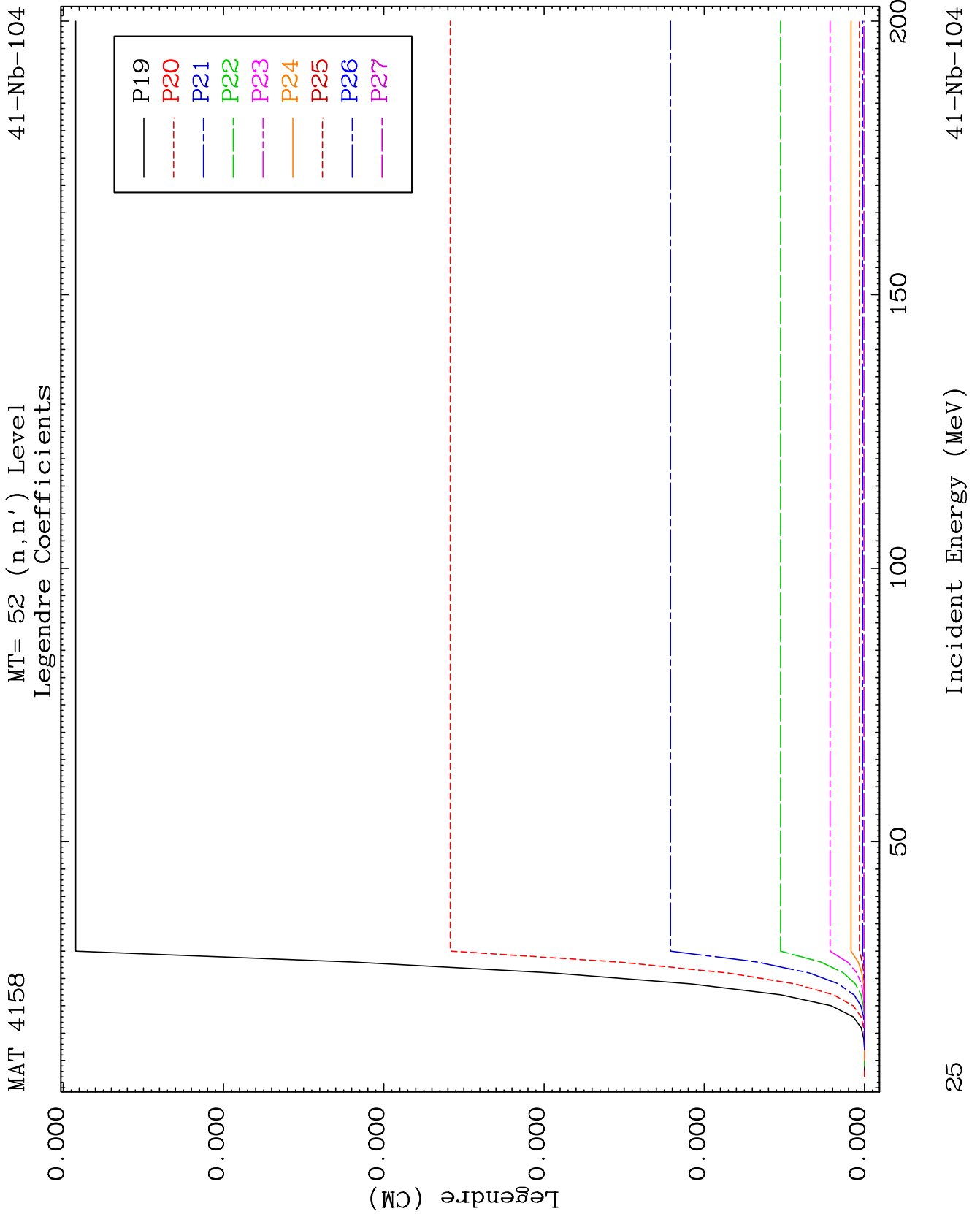
41-Nb-104



24

Incident Energy (MeV)

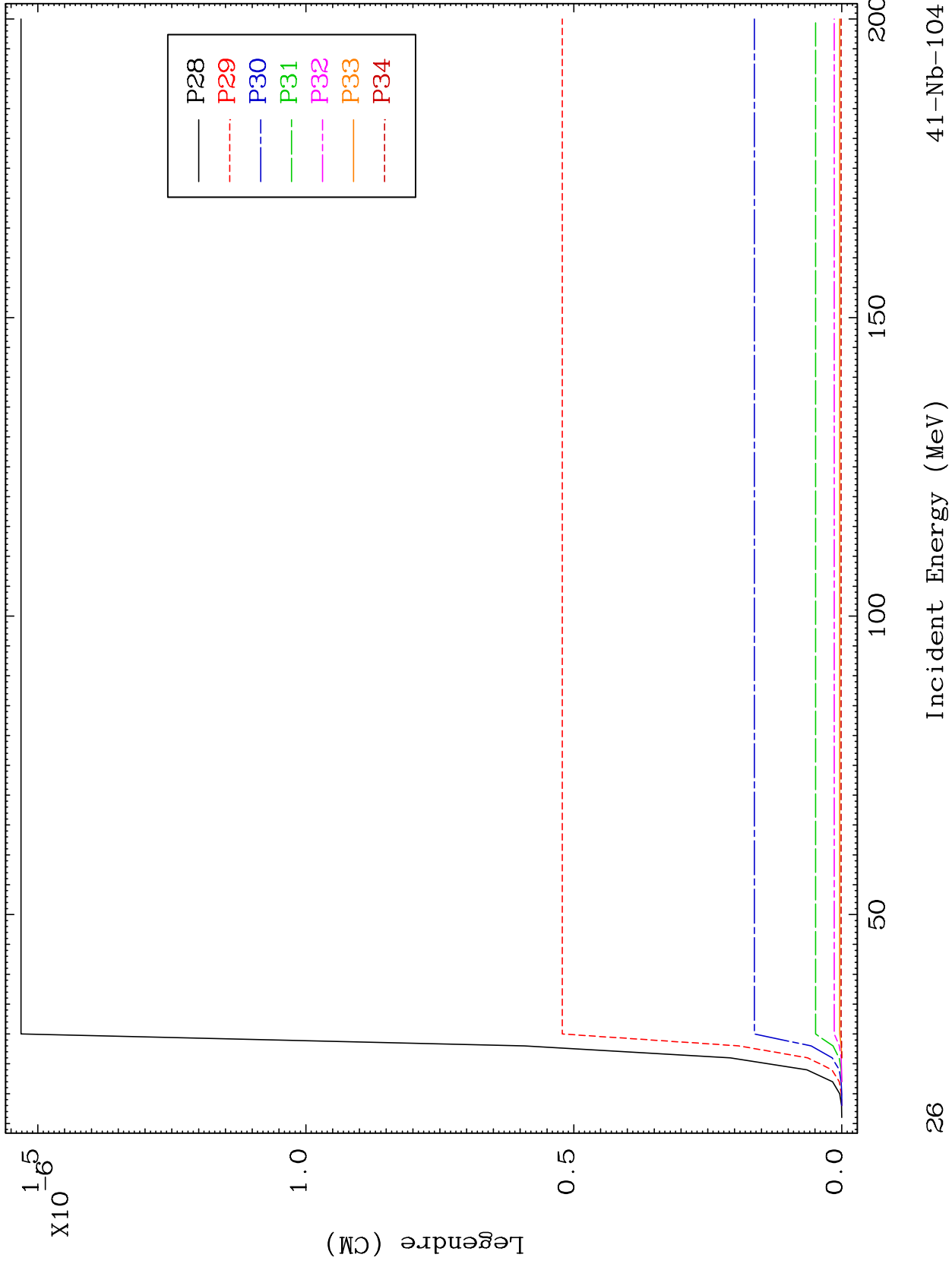
41-Nb-104



MAT 4158

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

41-Nb-104

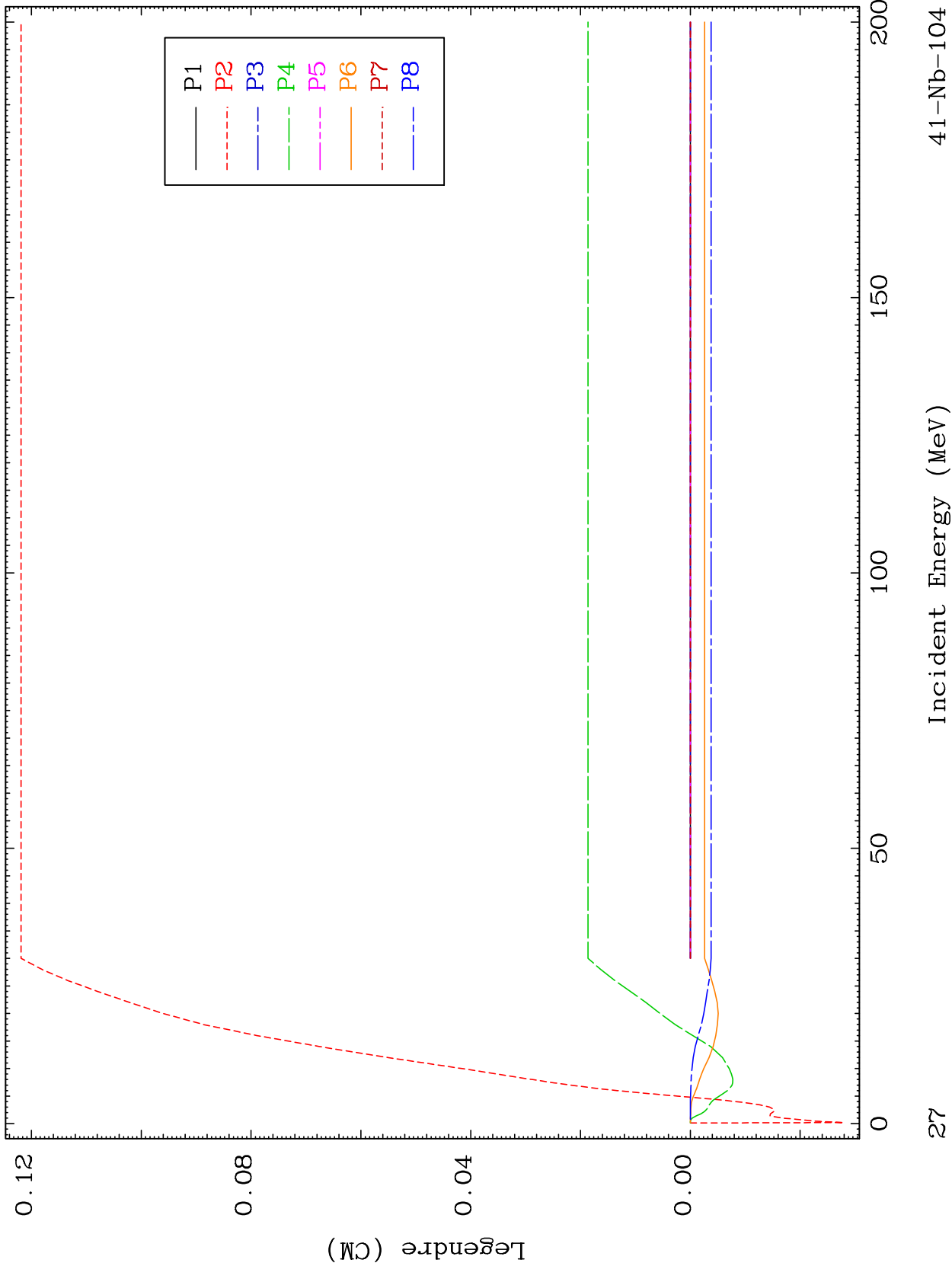


26

MAT 4158

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

41-Nb-104



27

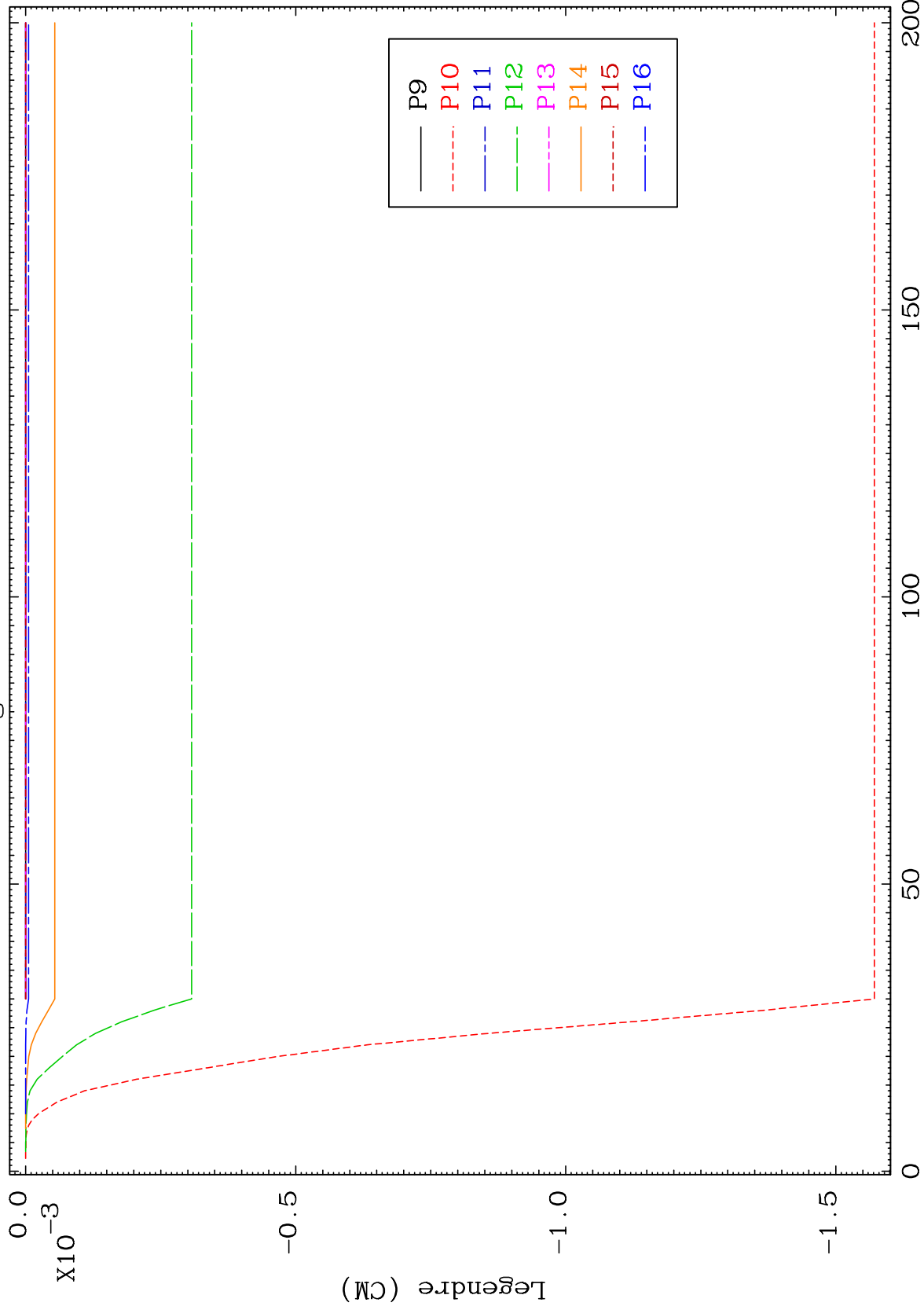
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



28

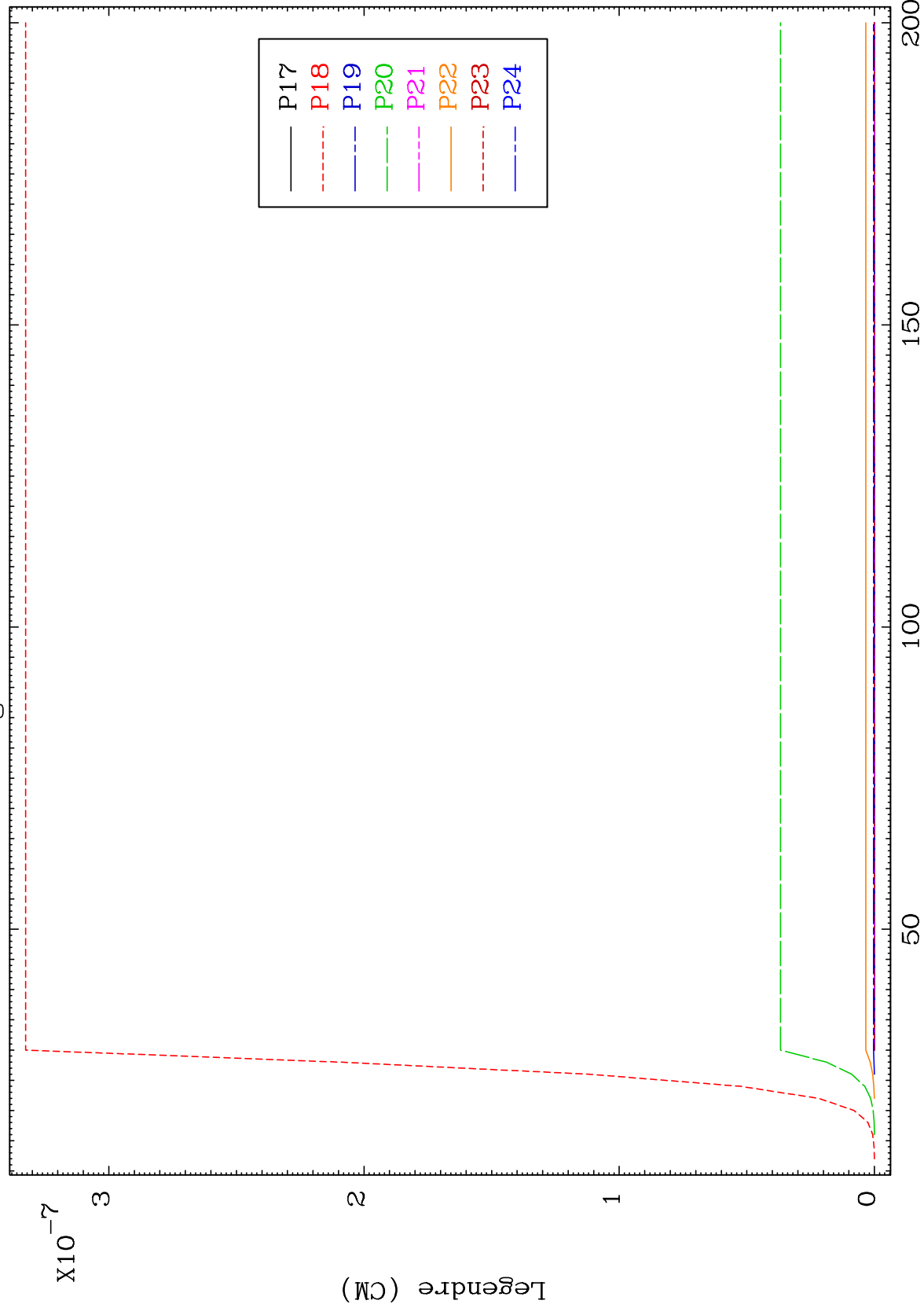
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



29

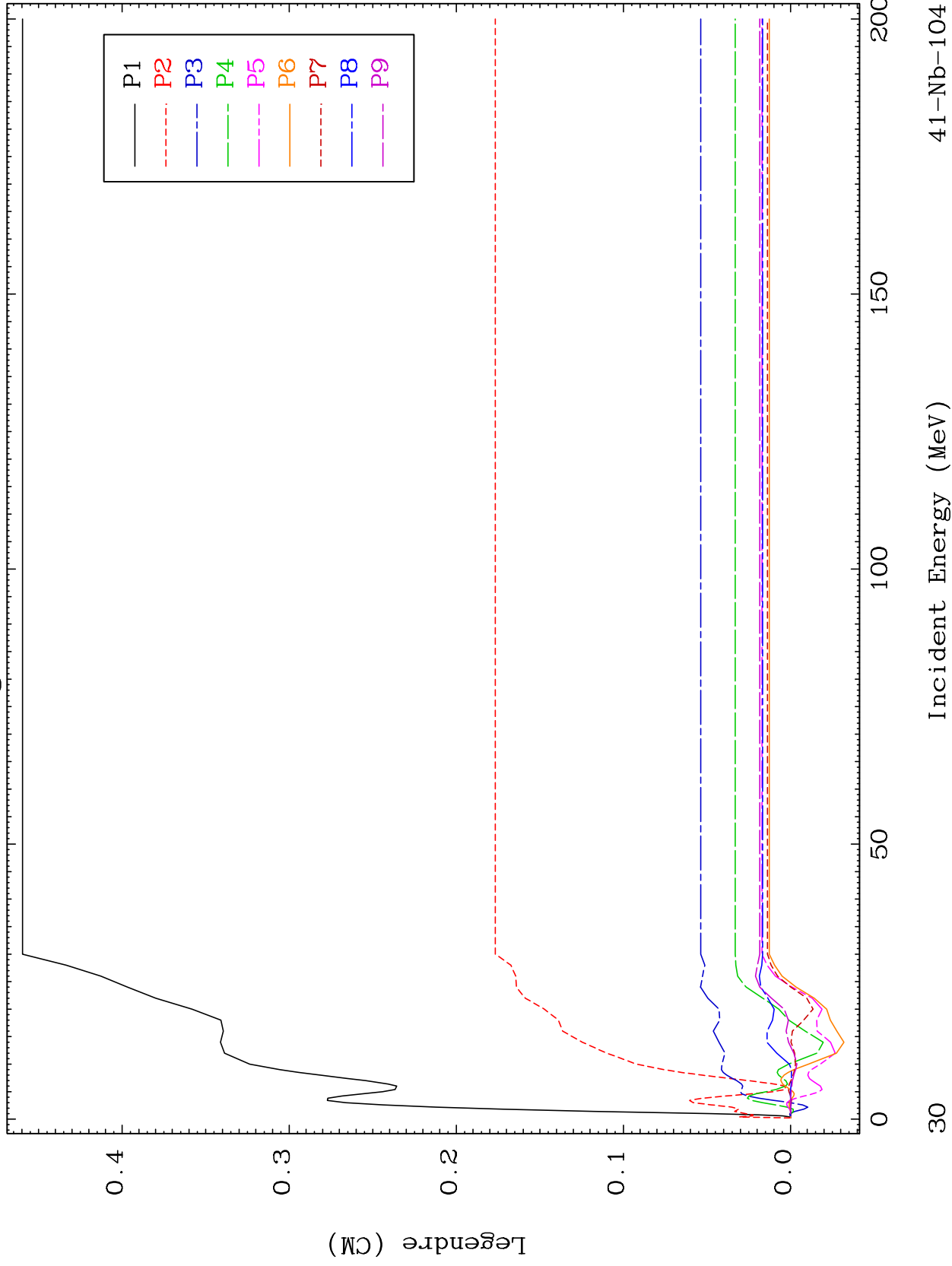
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



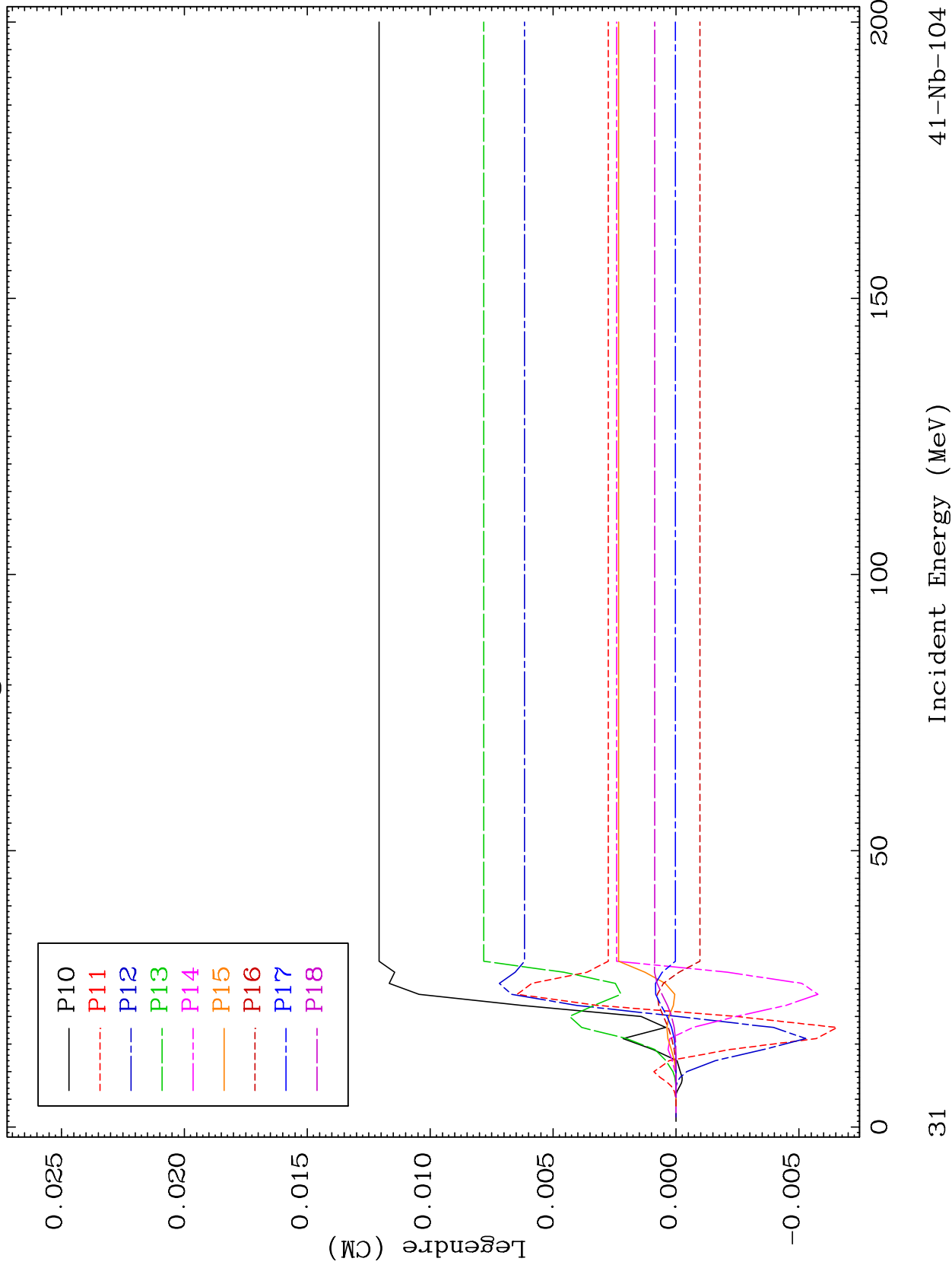
41-Nb-104

Incident Energy (MeV)

MAT 4158

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

41-Nb-104



31

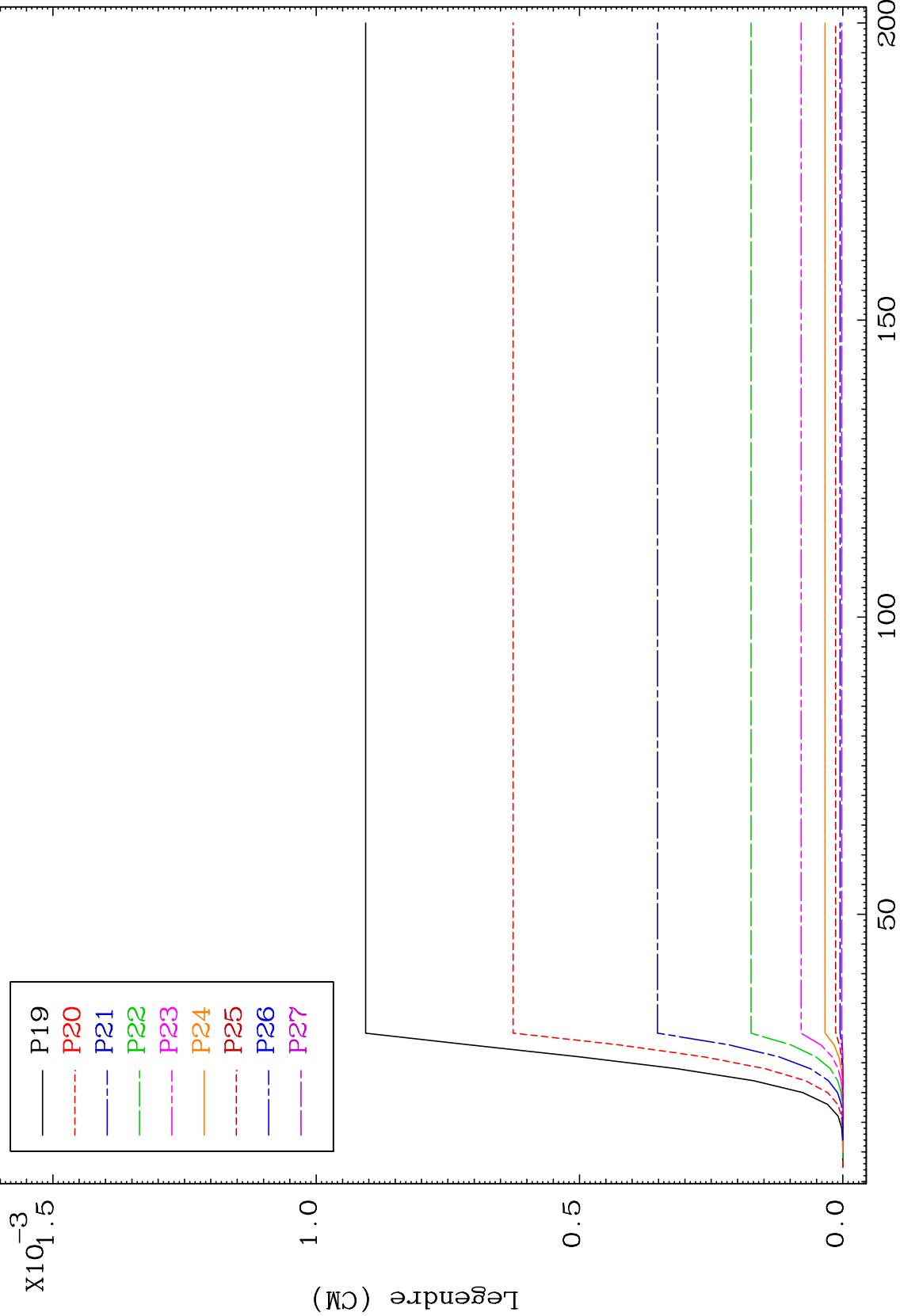
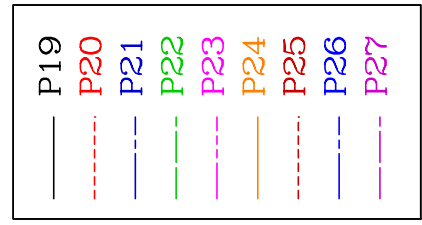
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



32

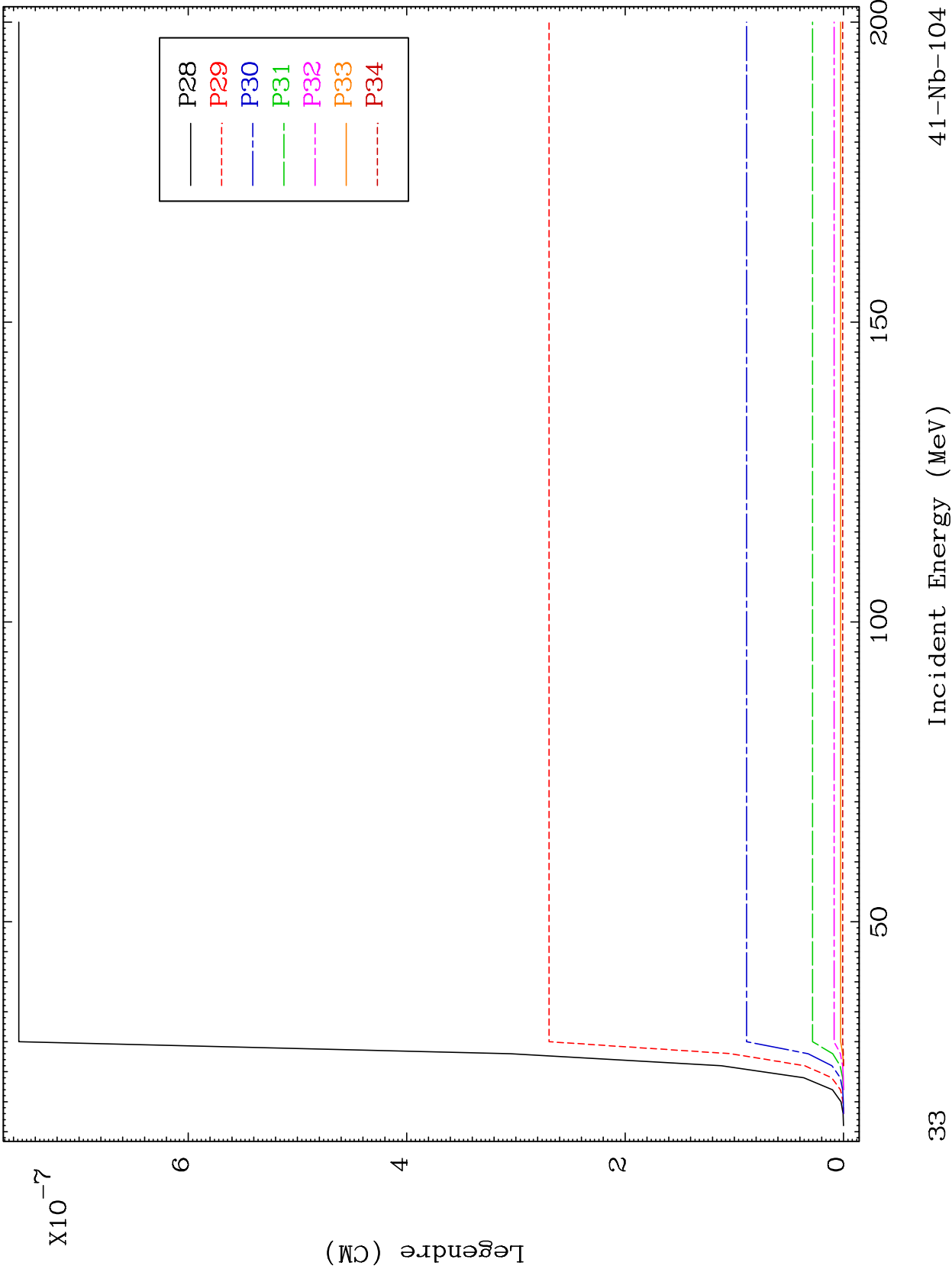
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

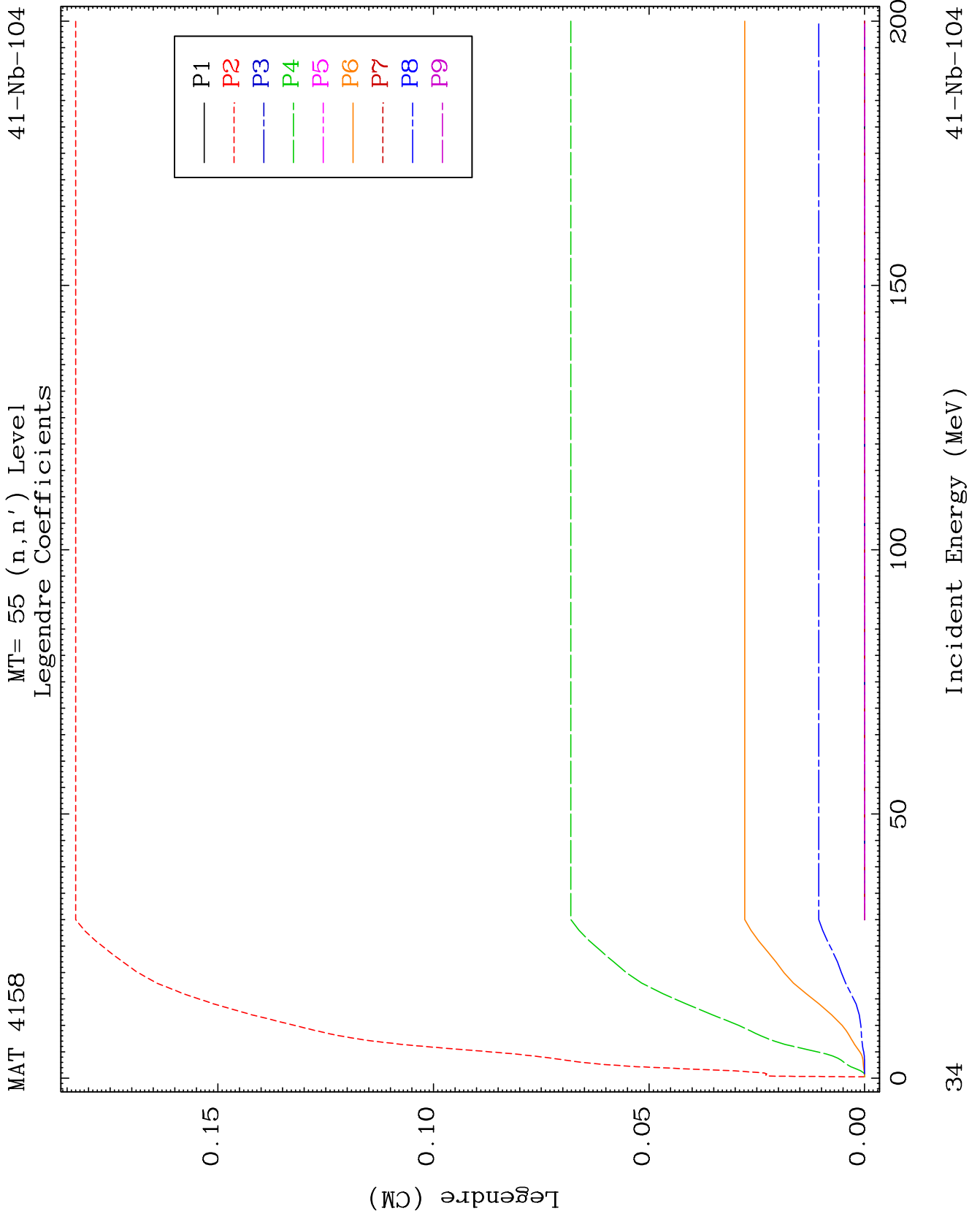
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33

Incident Energy (MeV)

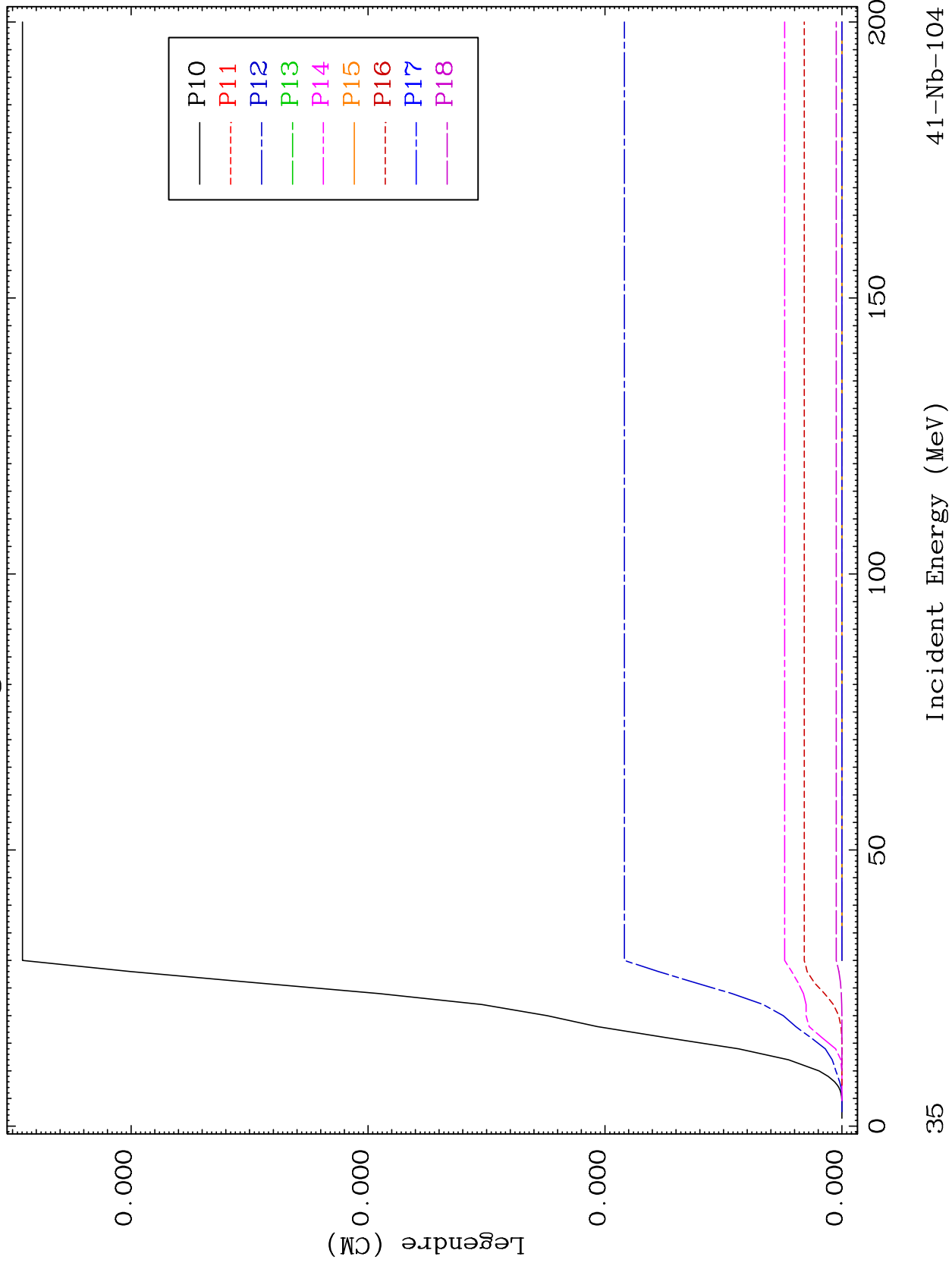
41-Nb-104



MAT 4158

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

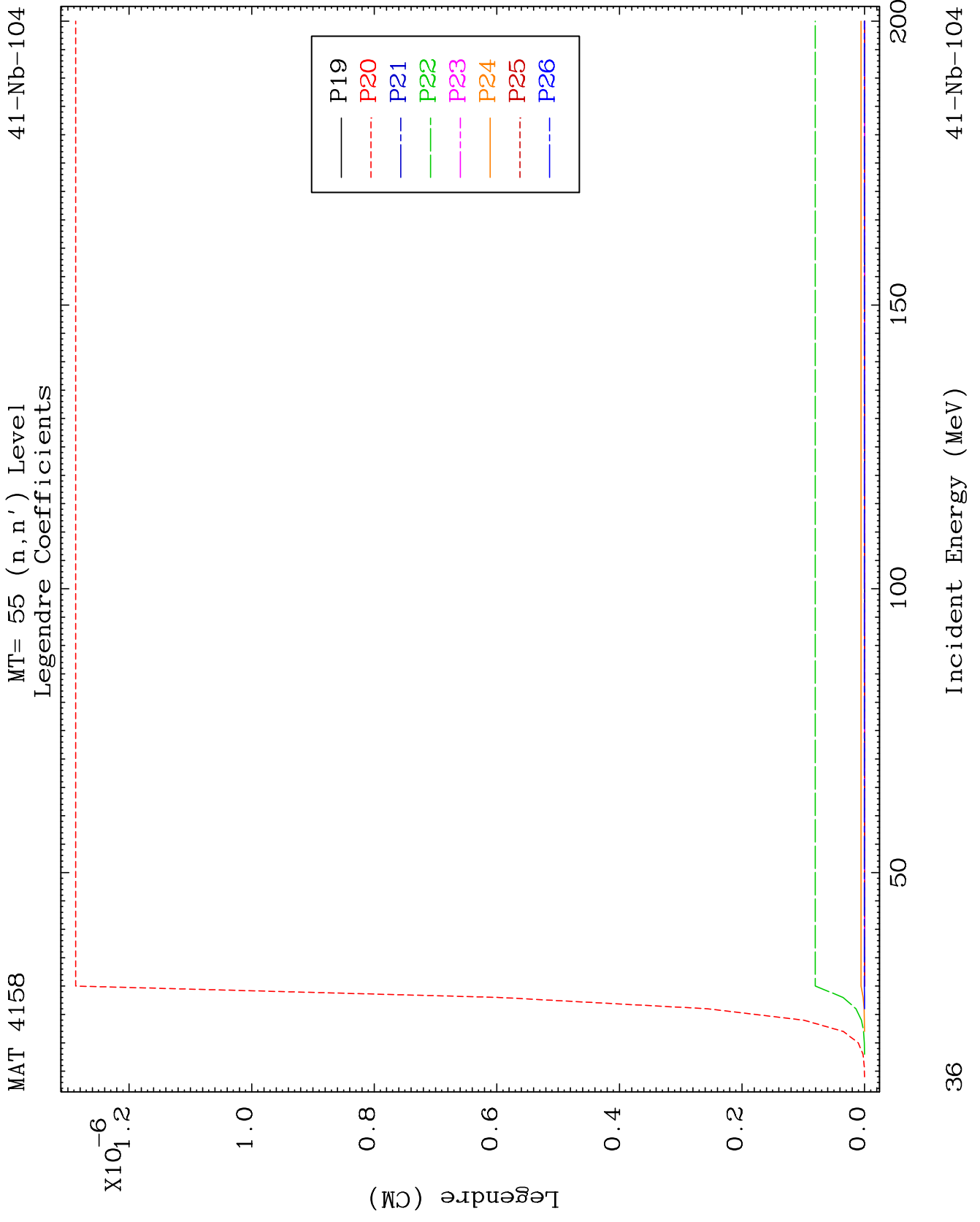
41-Nb-104



41-Nb-104

Incident Energy (MeV)

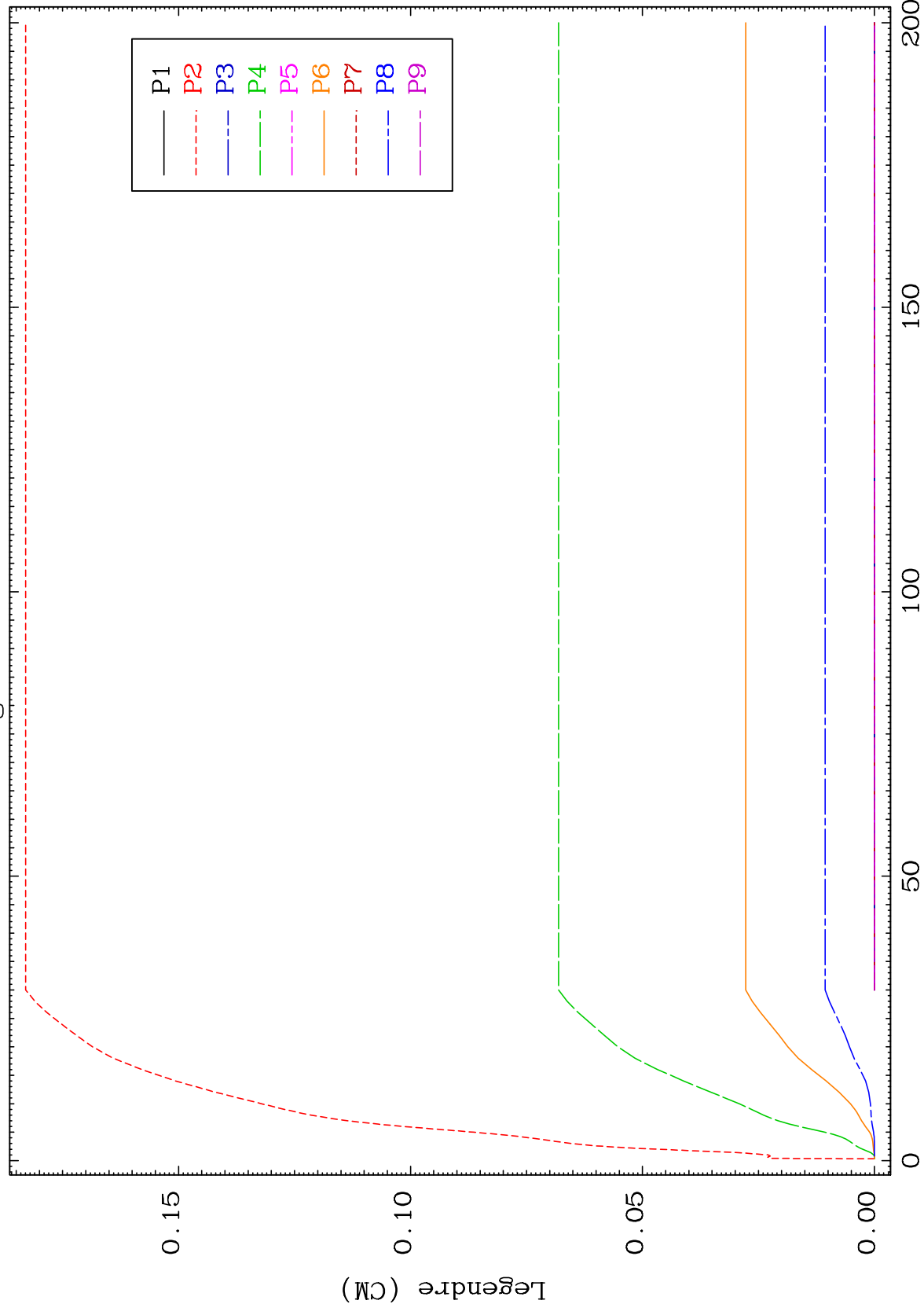
35



MAT 4158

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

41-Nb-104



37

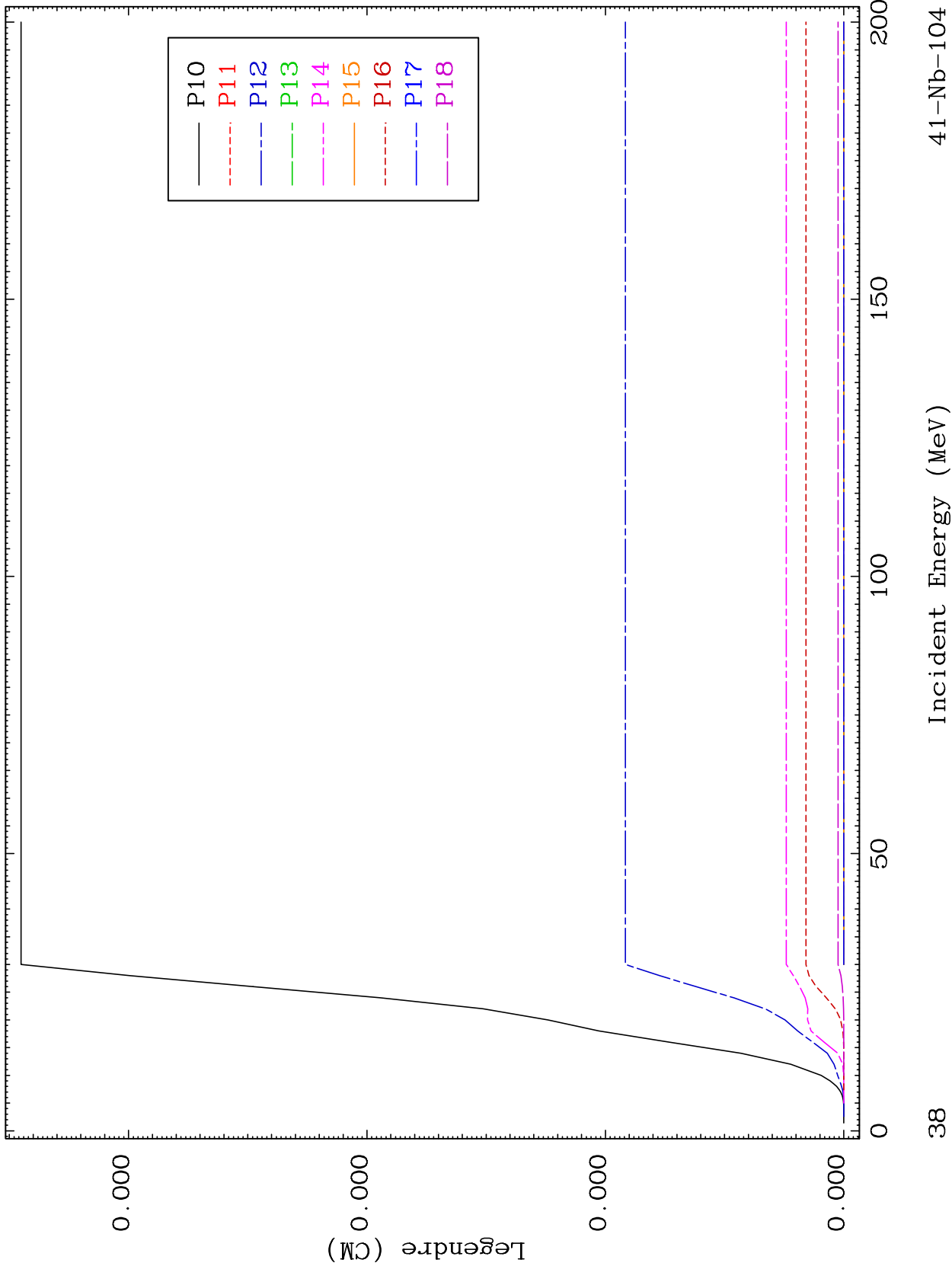
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104

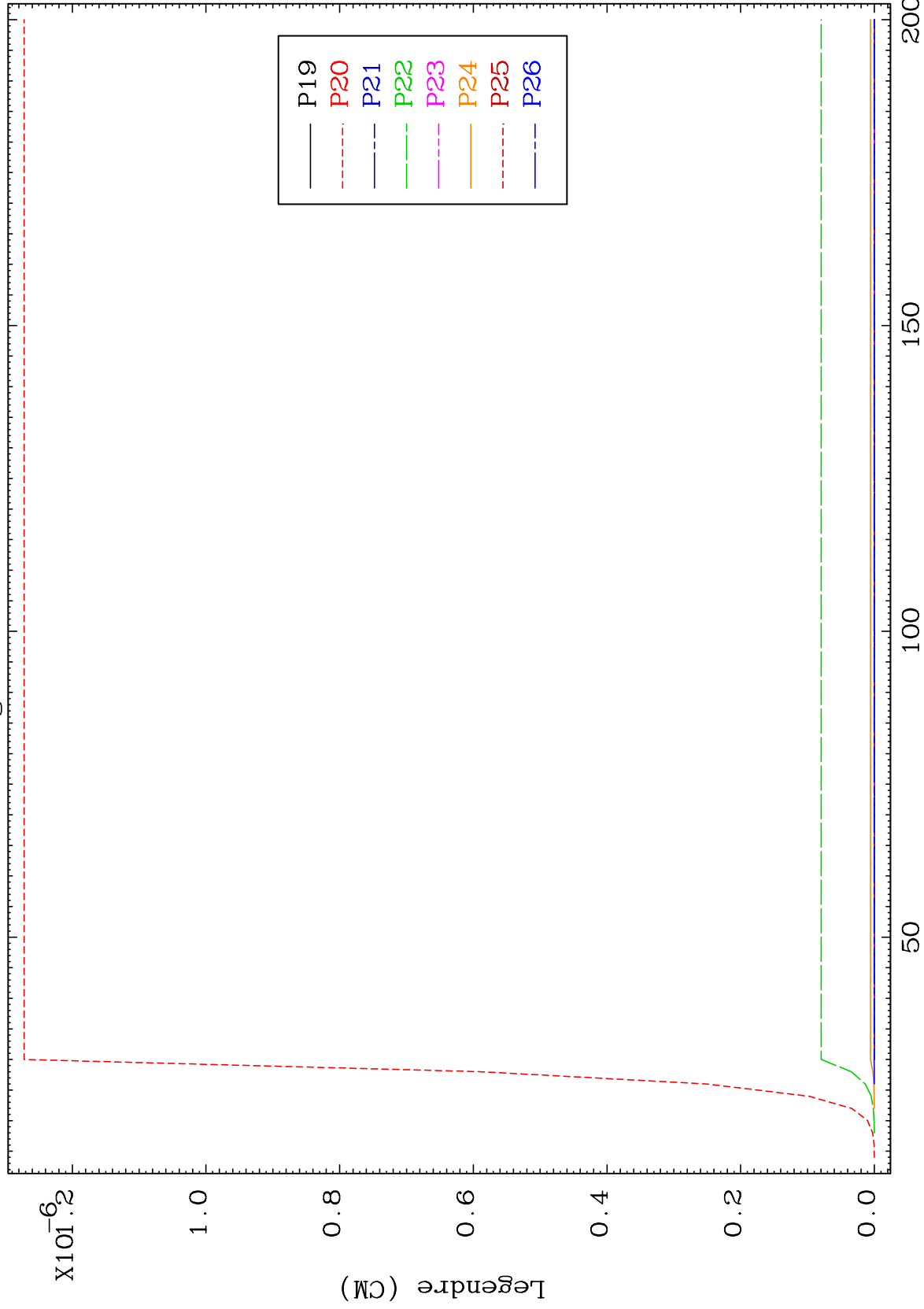


38

MAT 4158

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

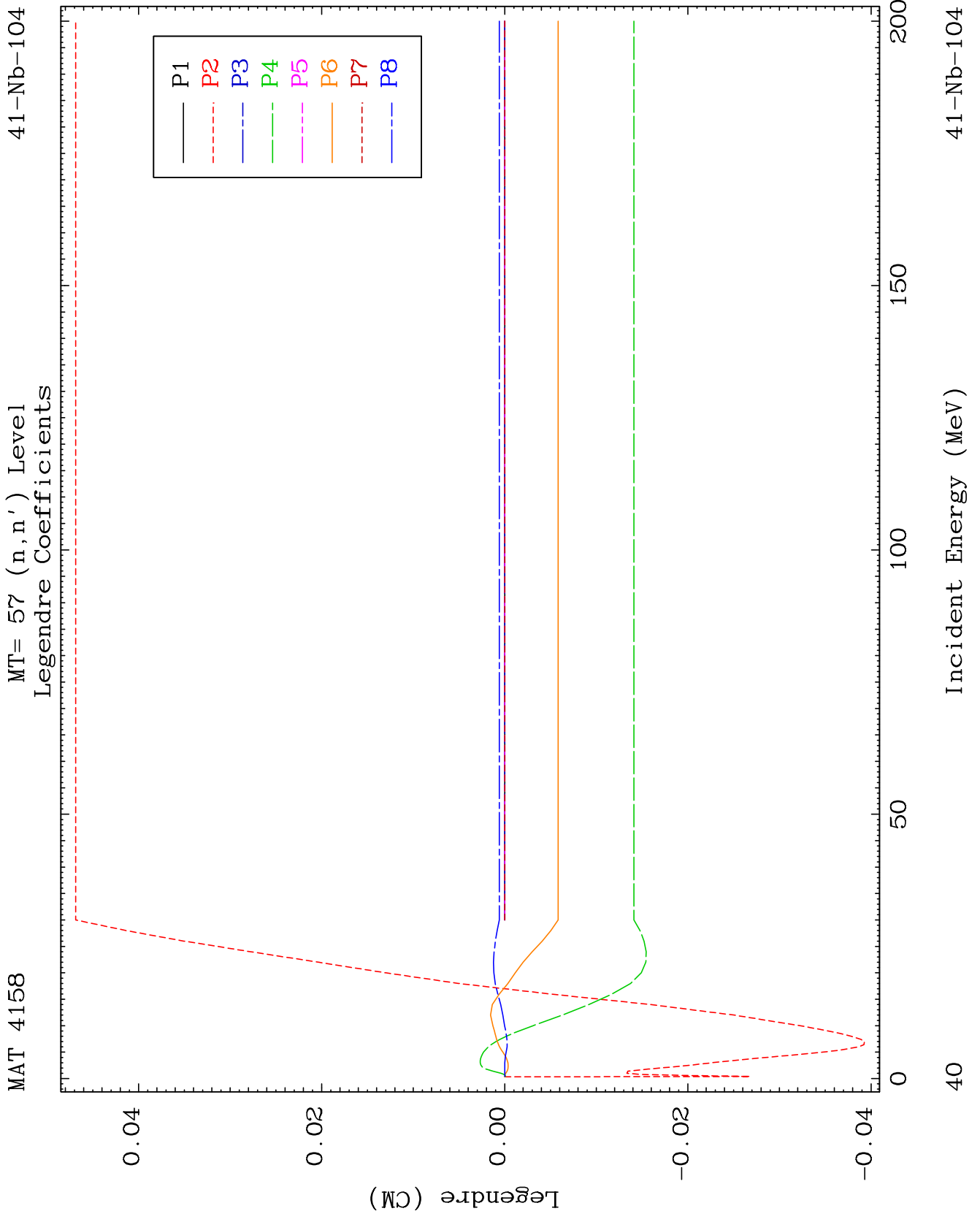
41-Nb-104



39

Incident Energy (MeV)

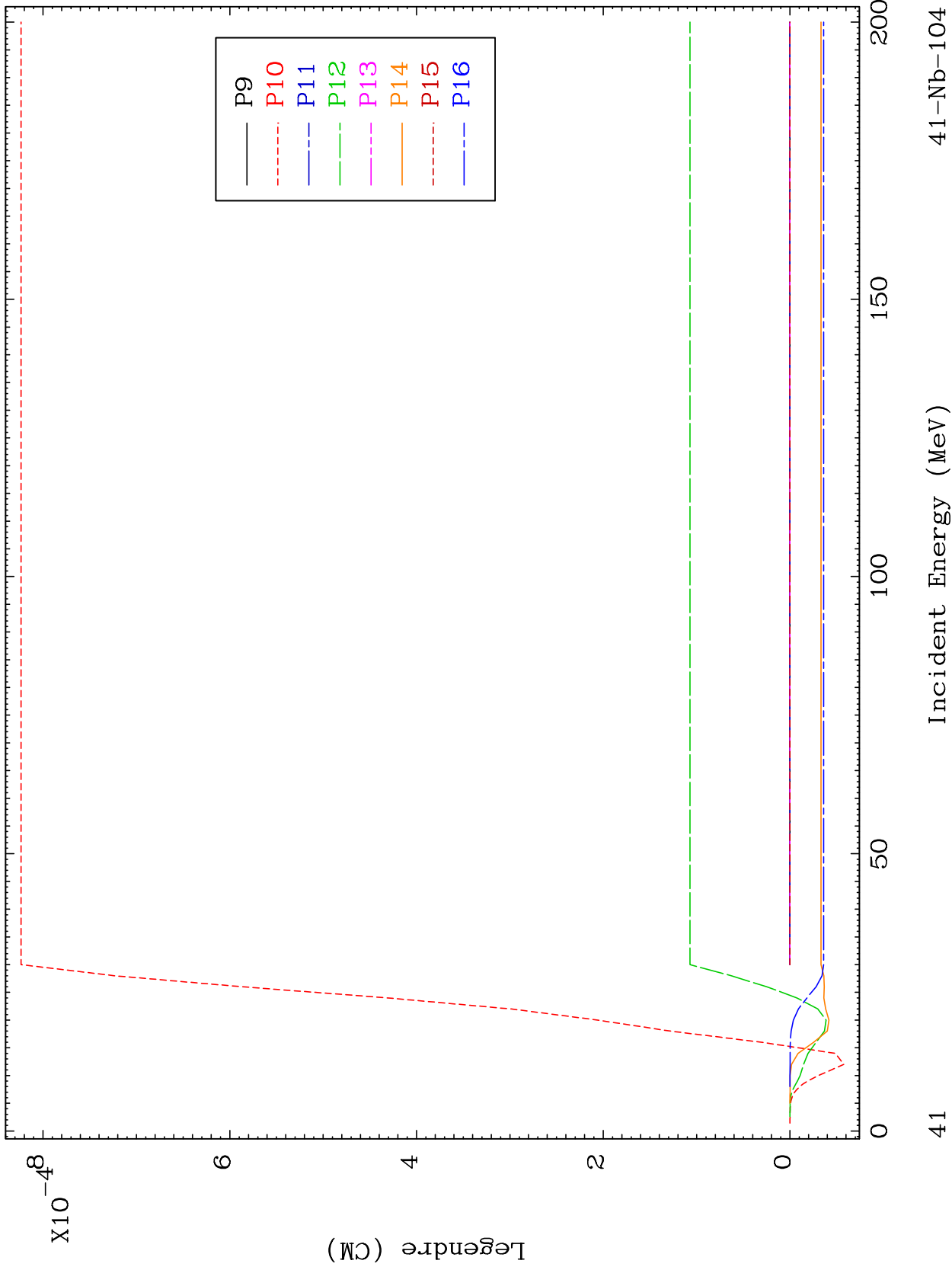
41-Nb-104



MAT 4158

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

41-Nb-104

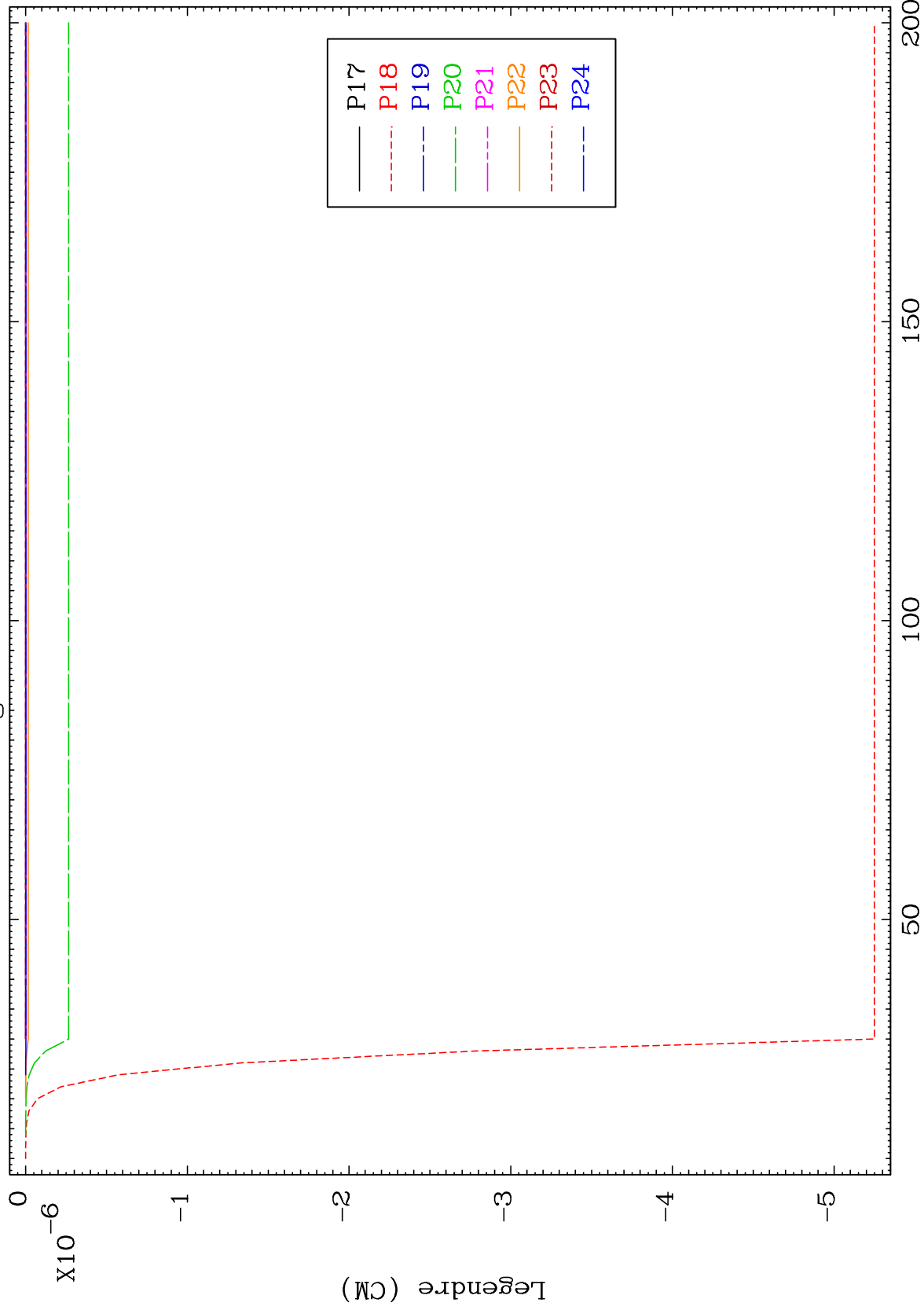


41-Nb-104

MAT 4158

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

41-Nb-104



42

Incident Energy (MeV)

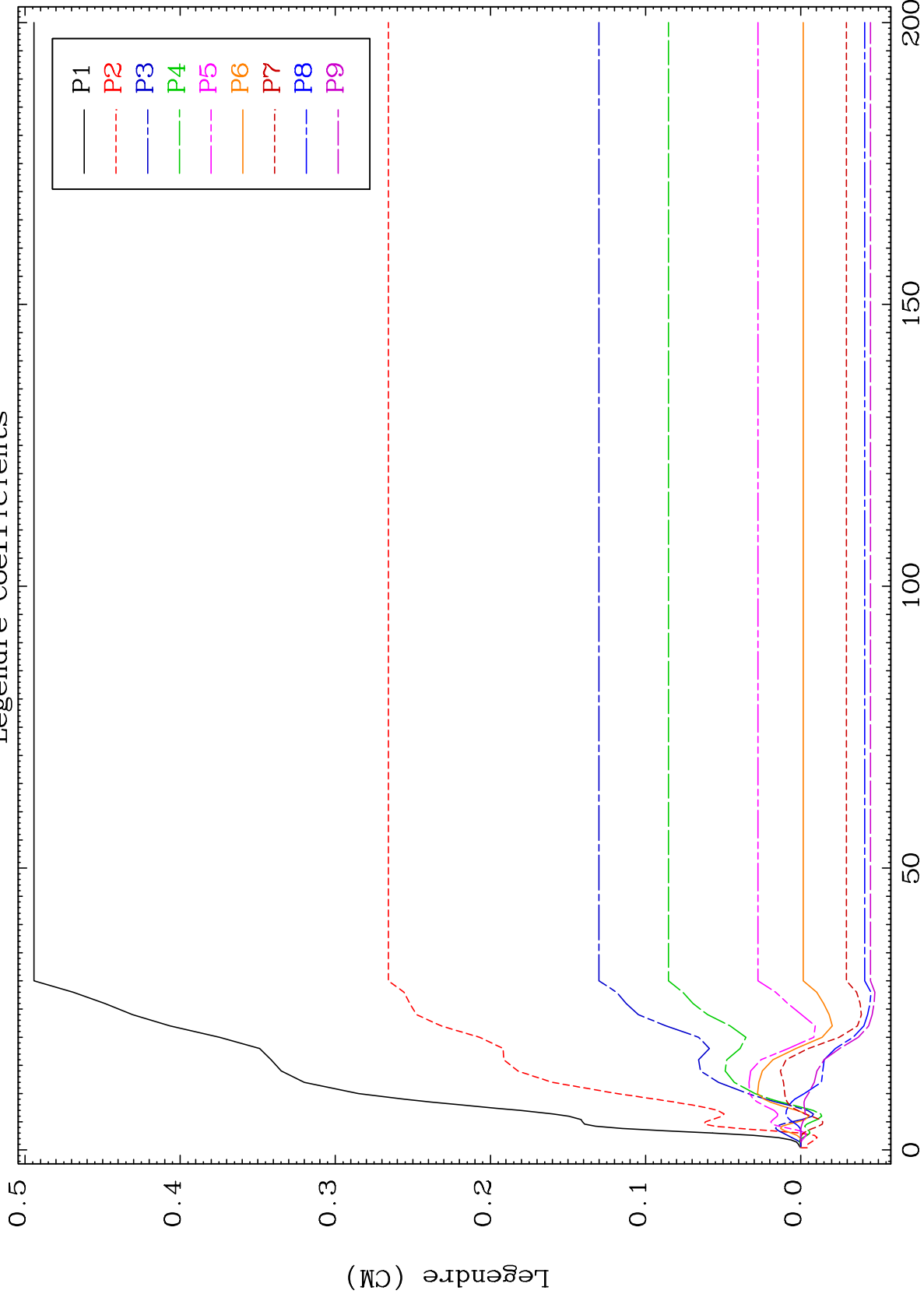
41-Nb-104

MAT 4158

MT= 58 (n,n') Level

41-Nb-104

Legendre Coefficients



43

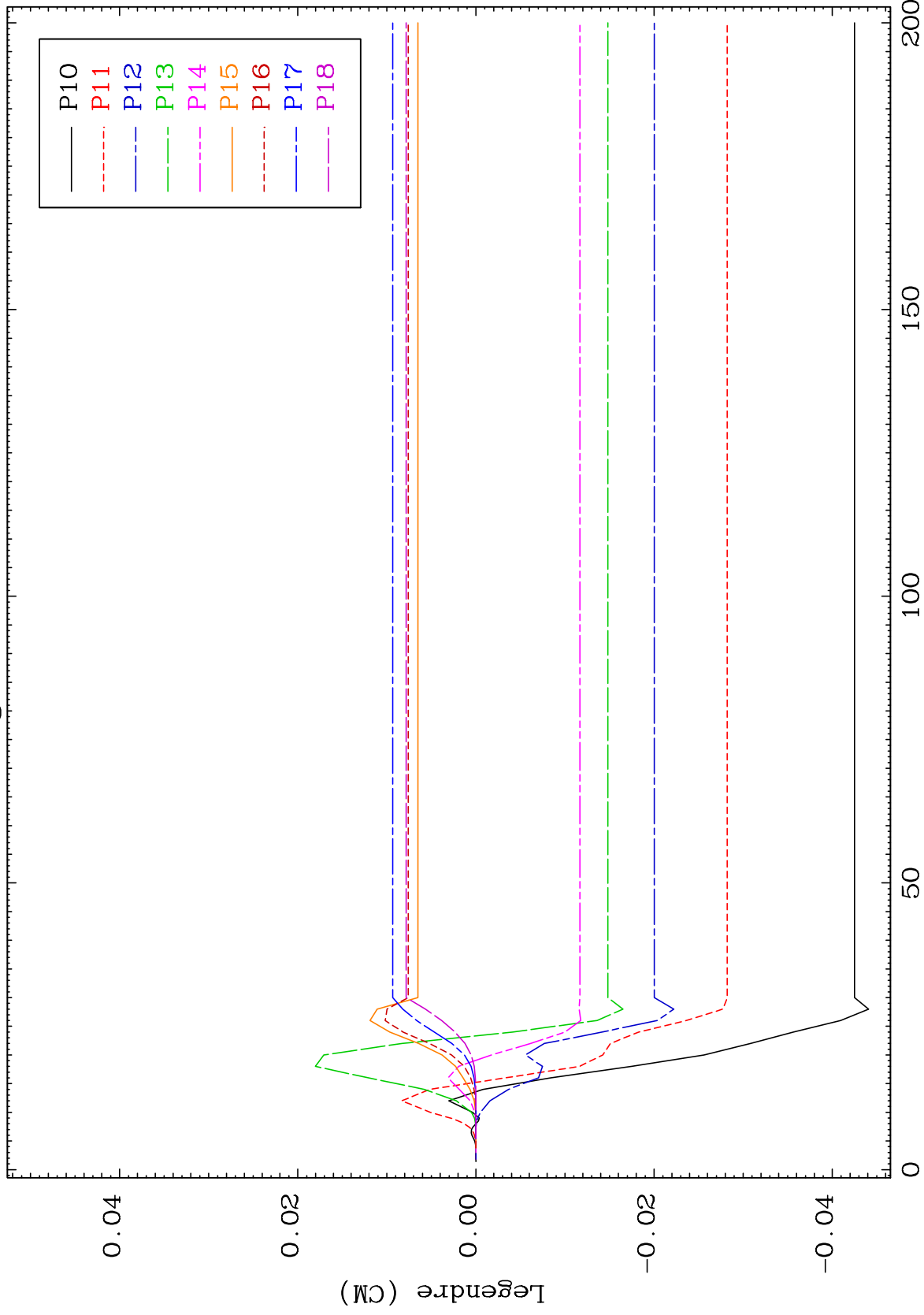
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



44

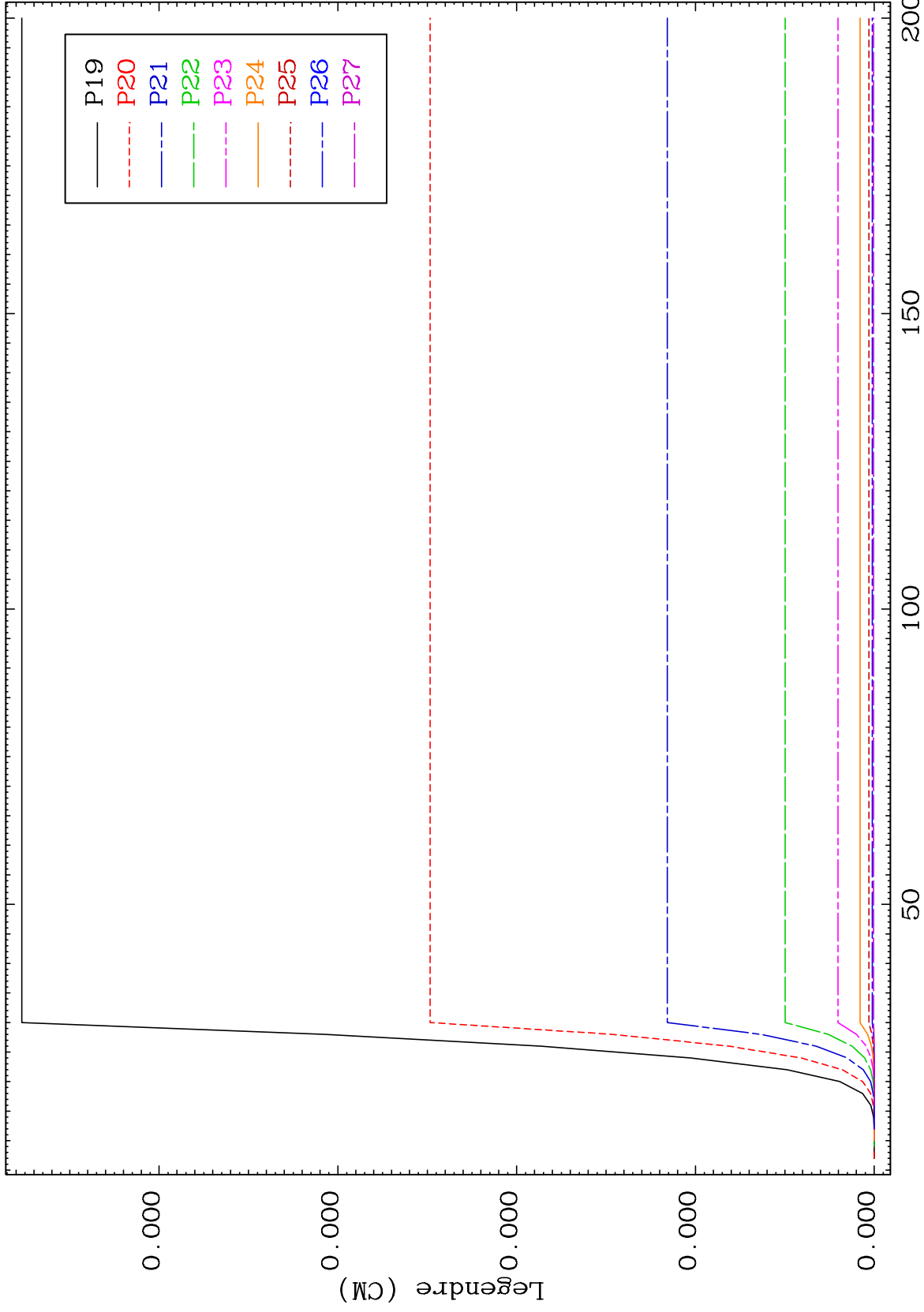
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



45

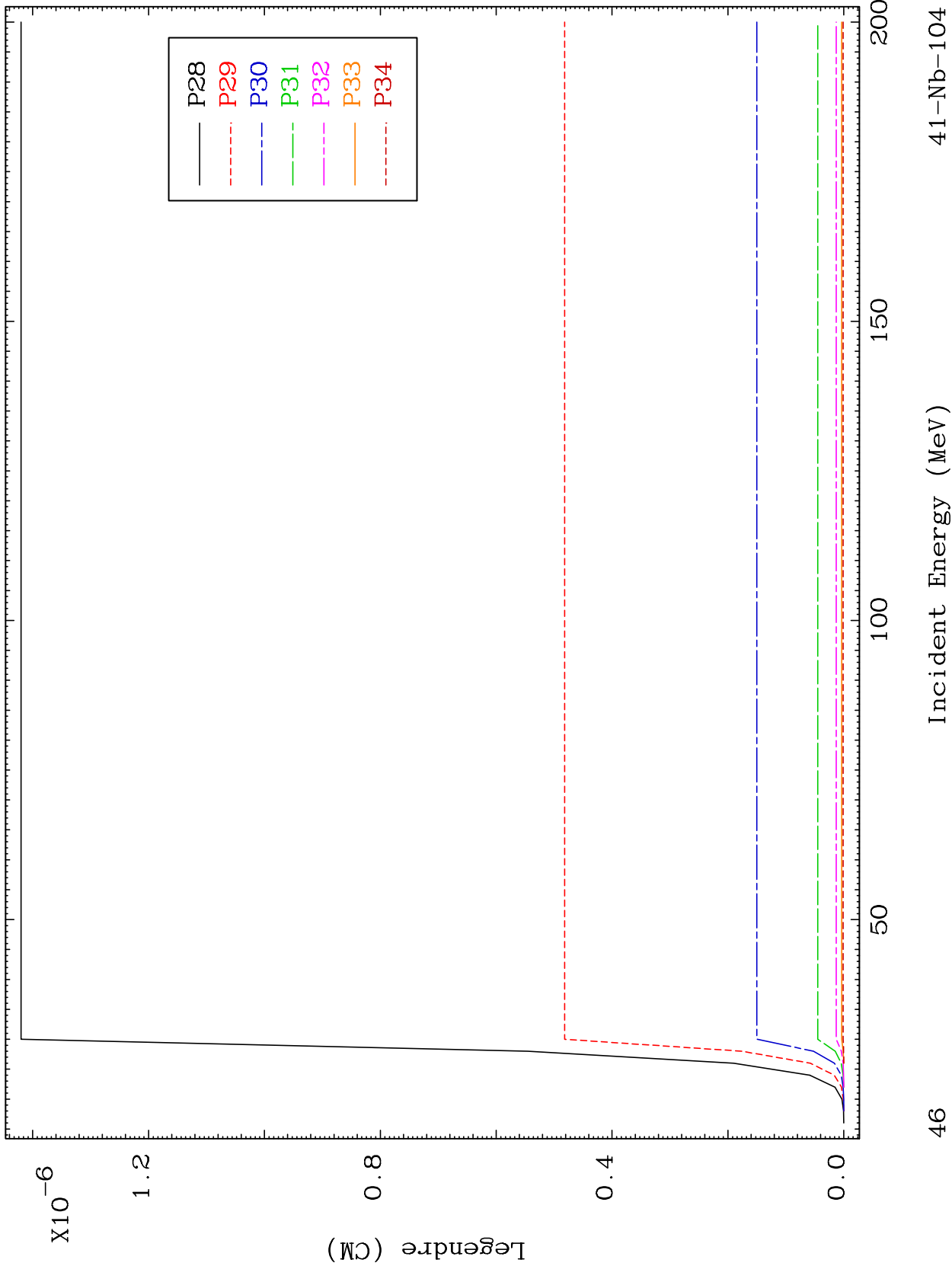
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



46

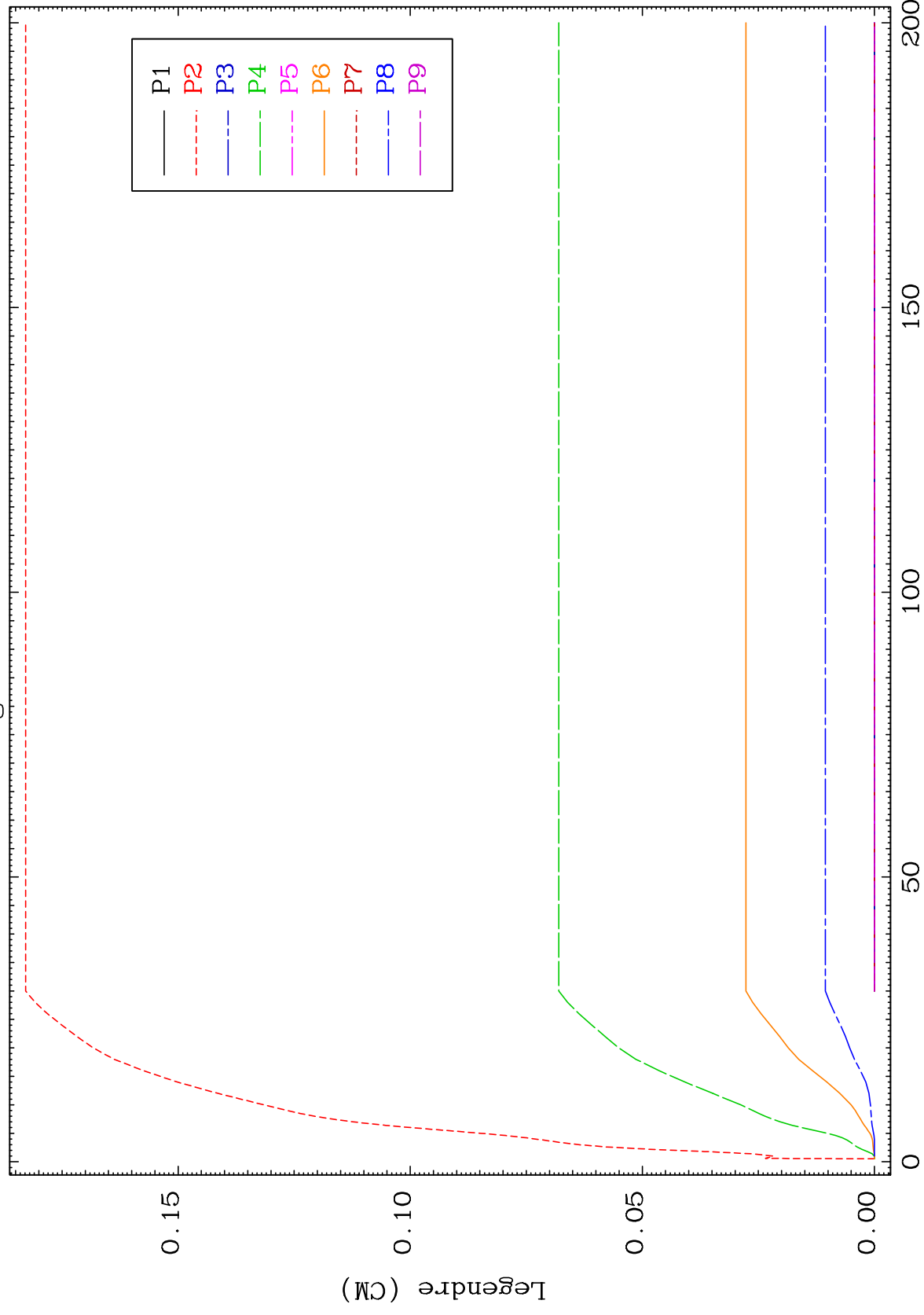
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



47

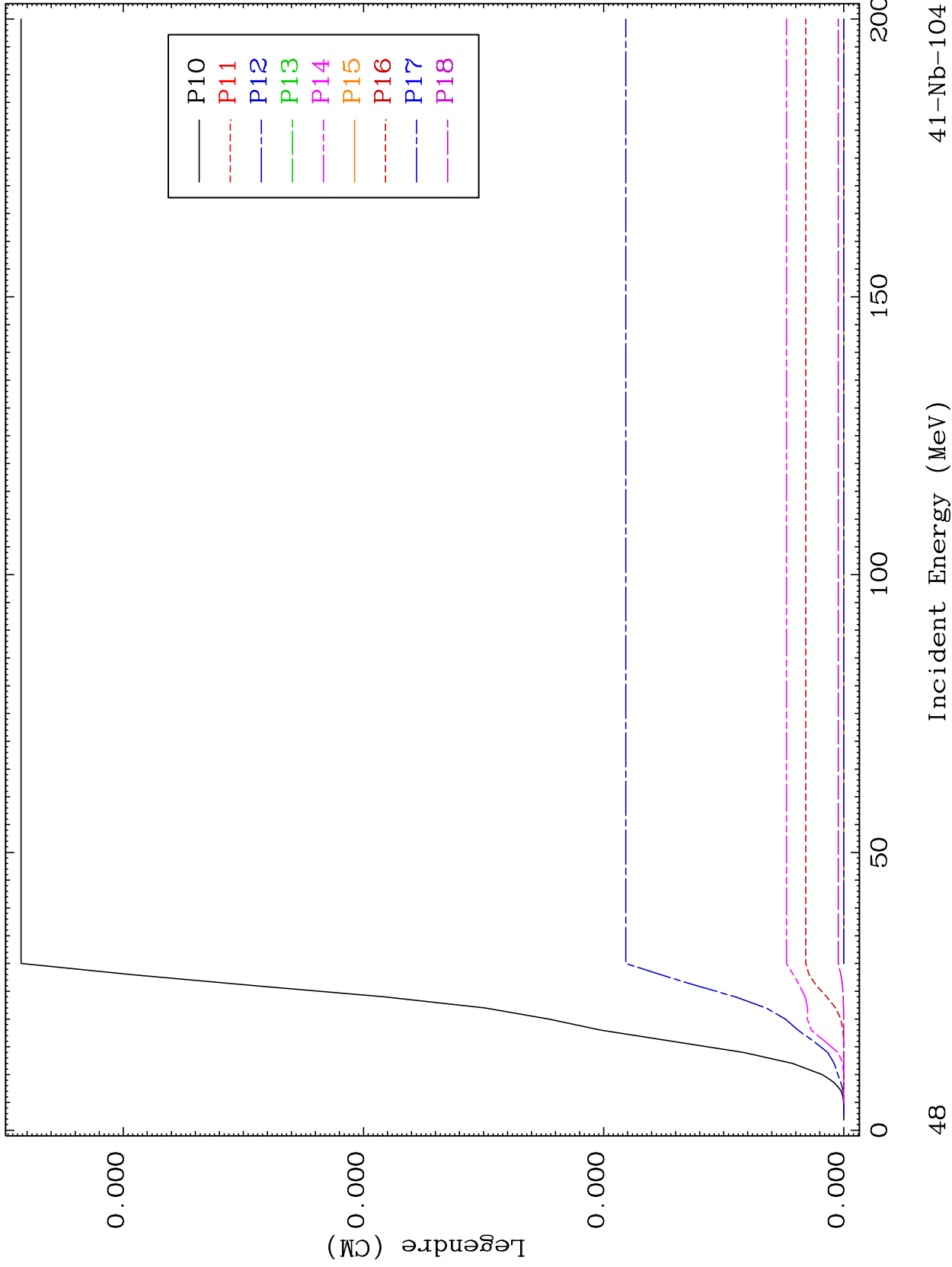
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



48

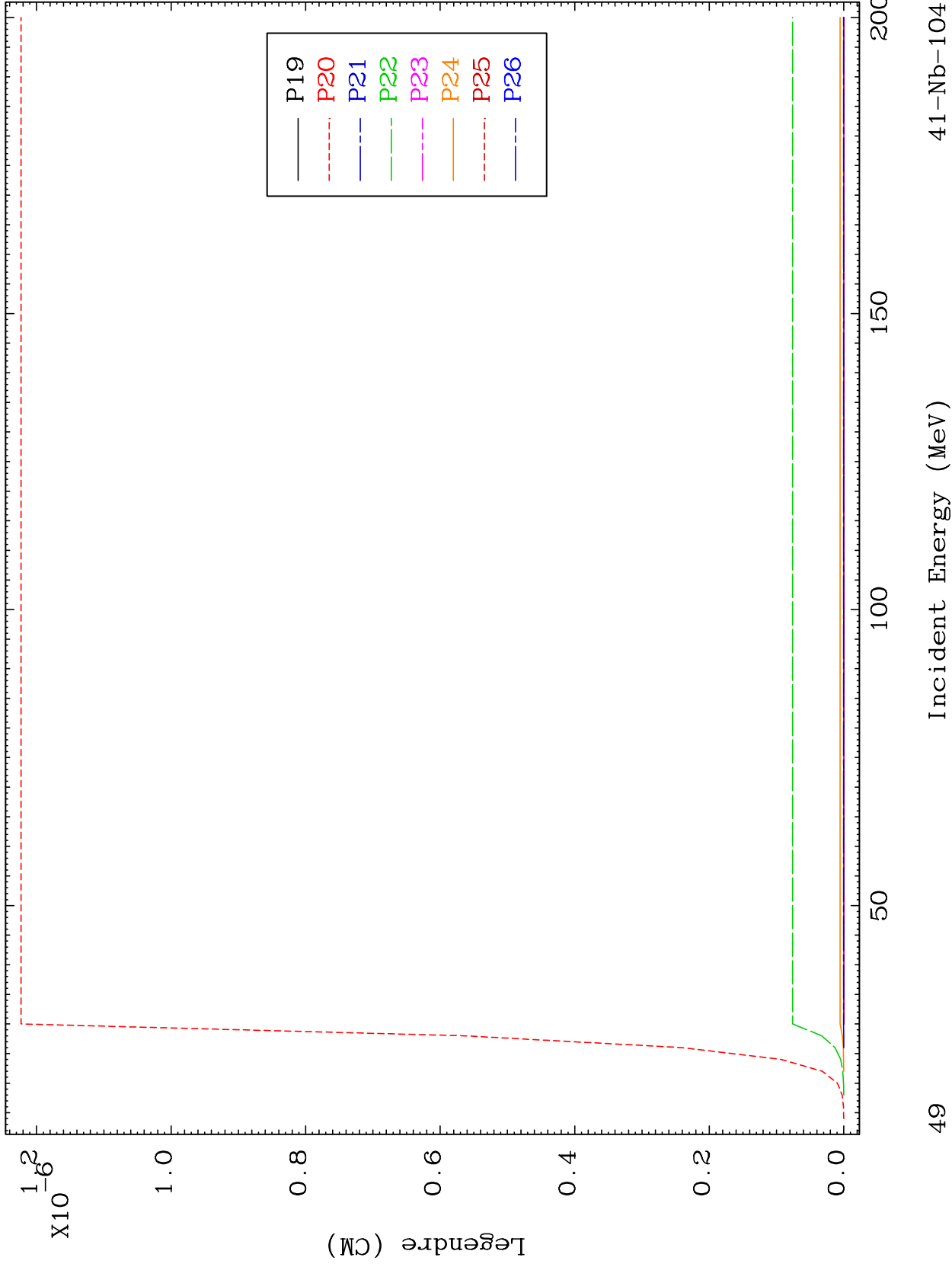
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



49

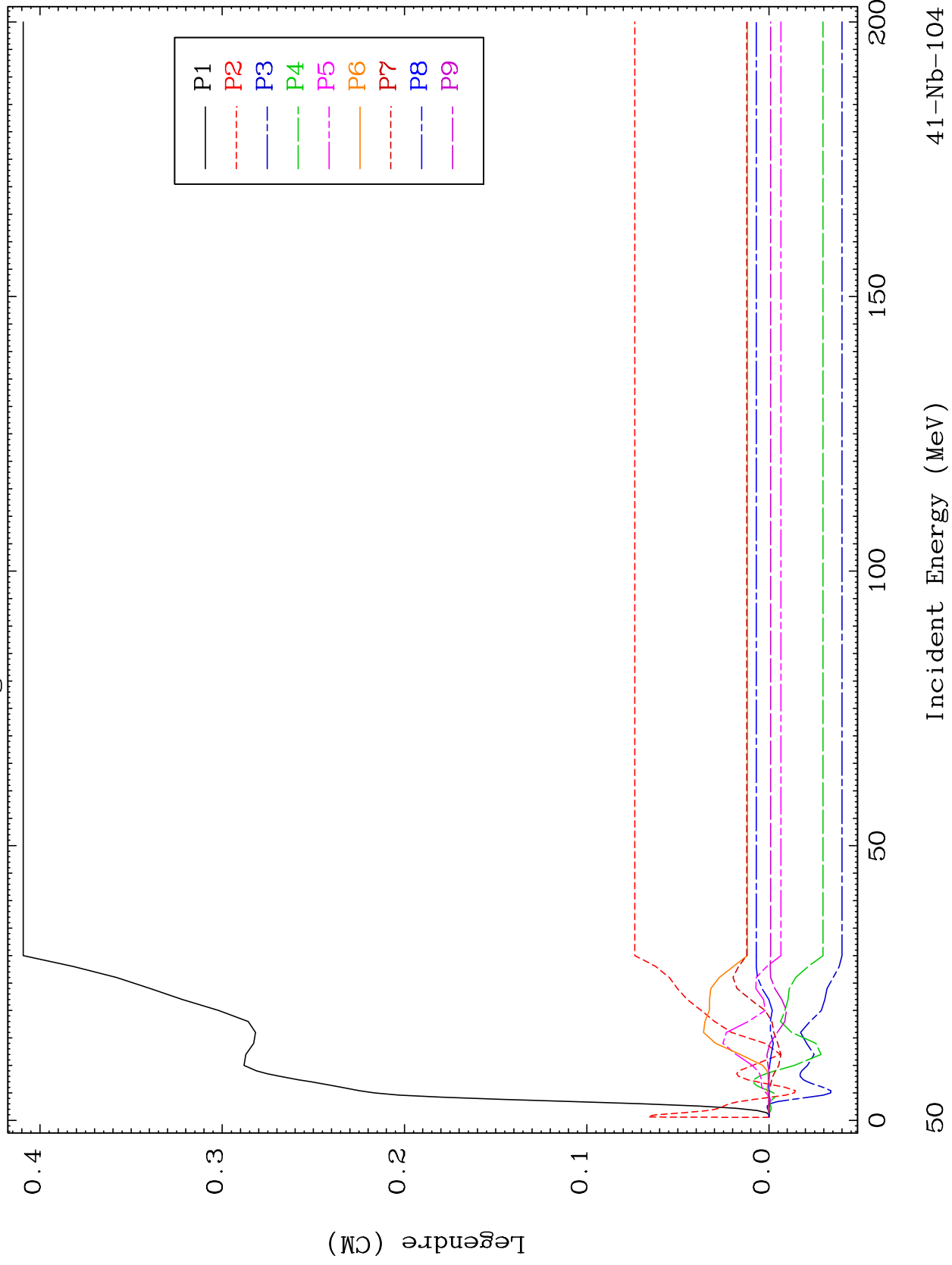
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



41-Nb-104

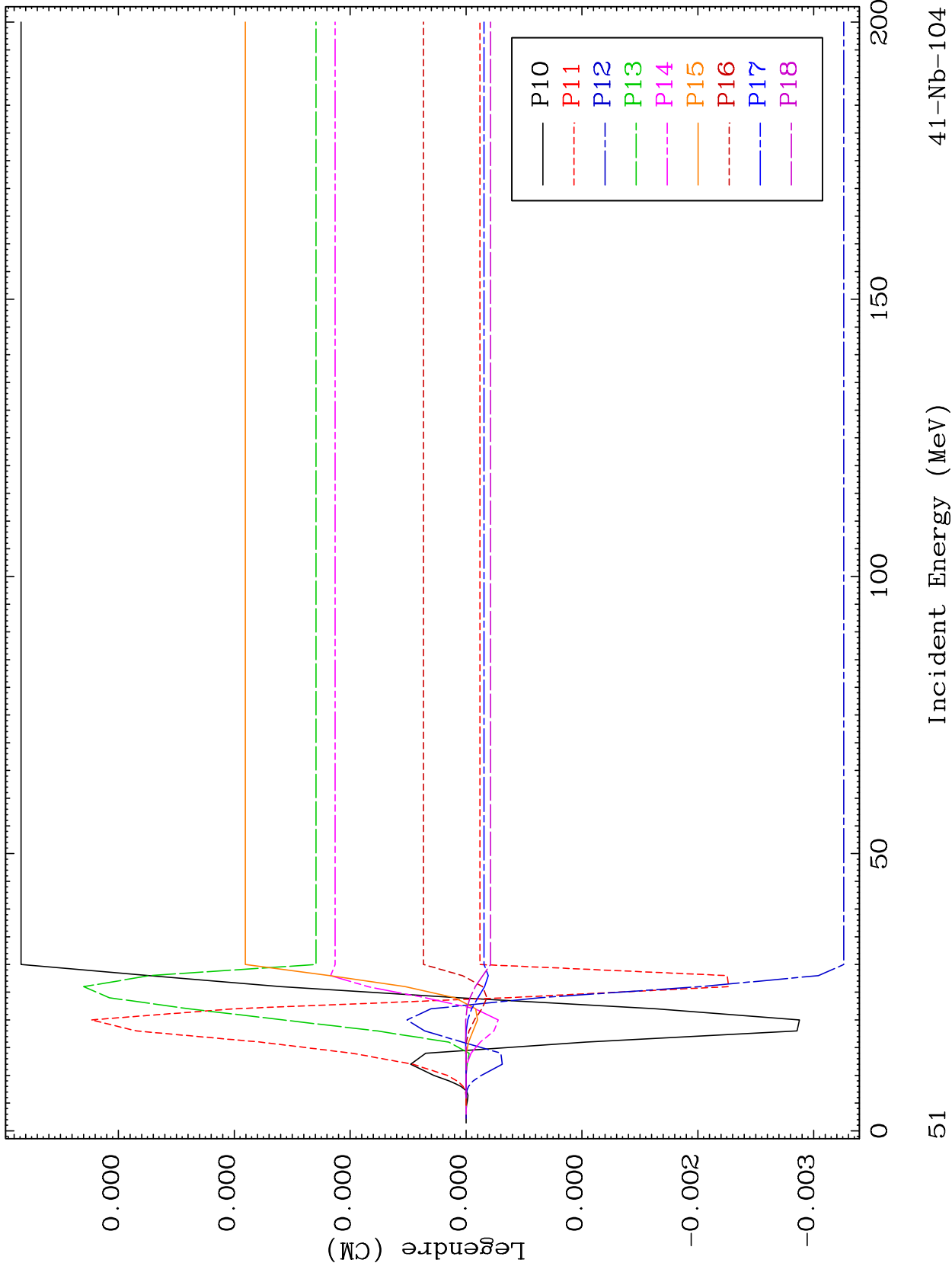
Incident Energy (MeV)

50

MAT 4158

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

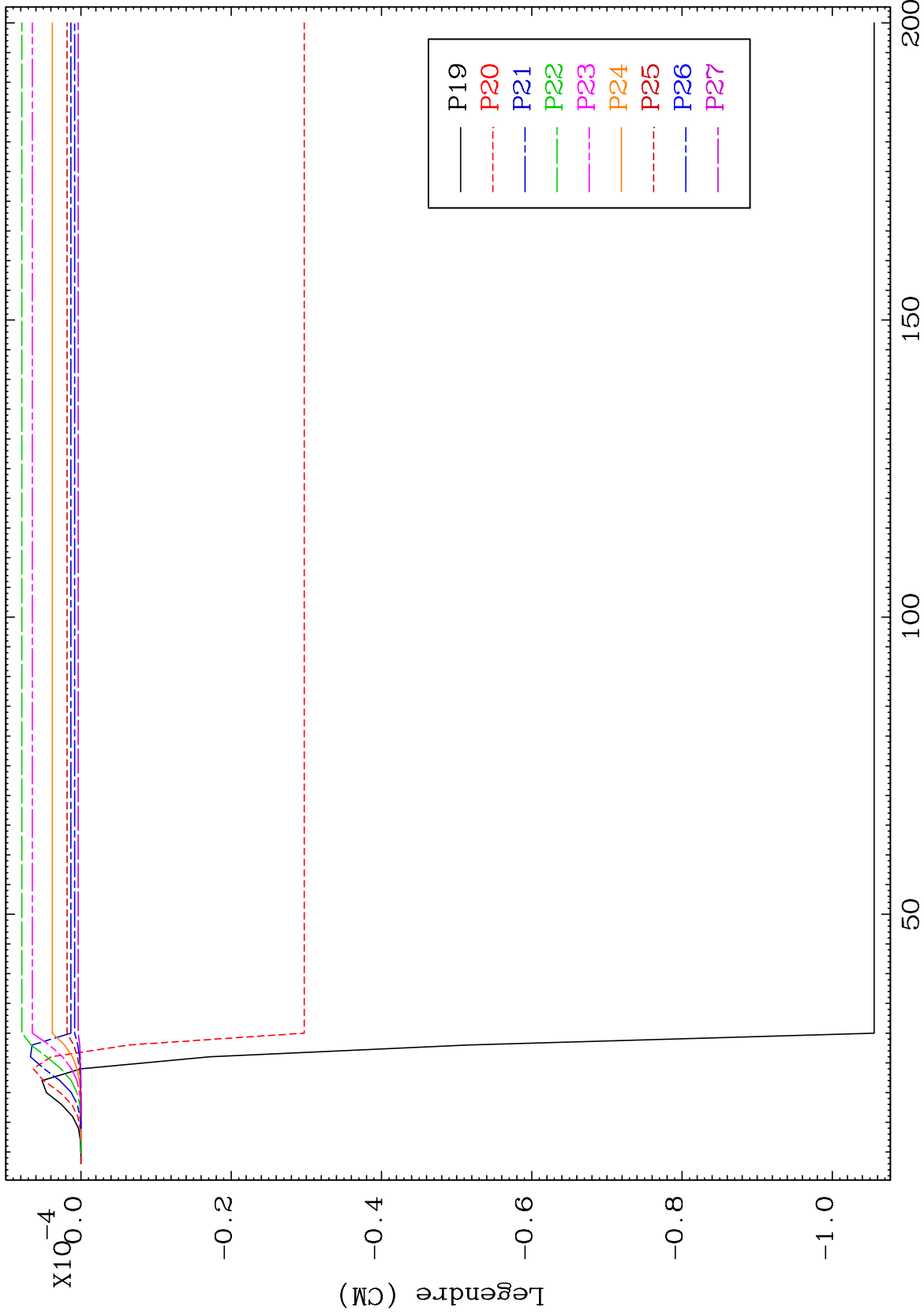
41-Nb-104



MAT 4158

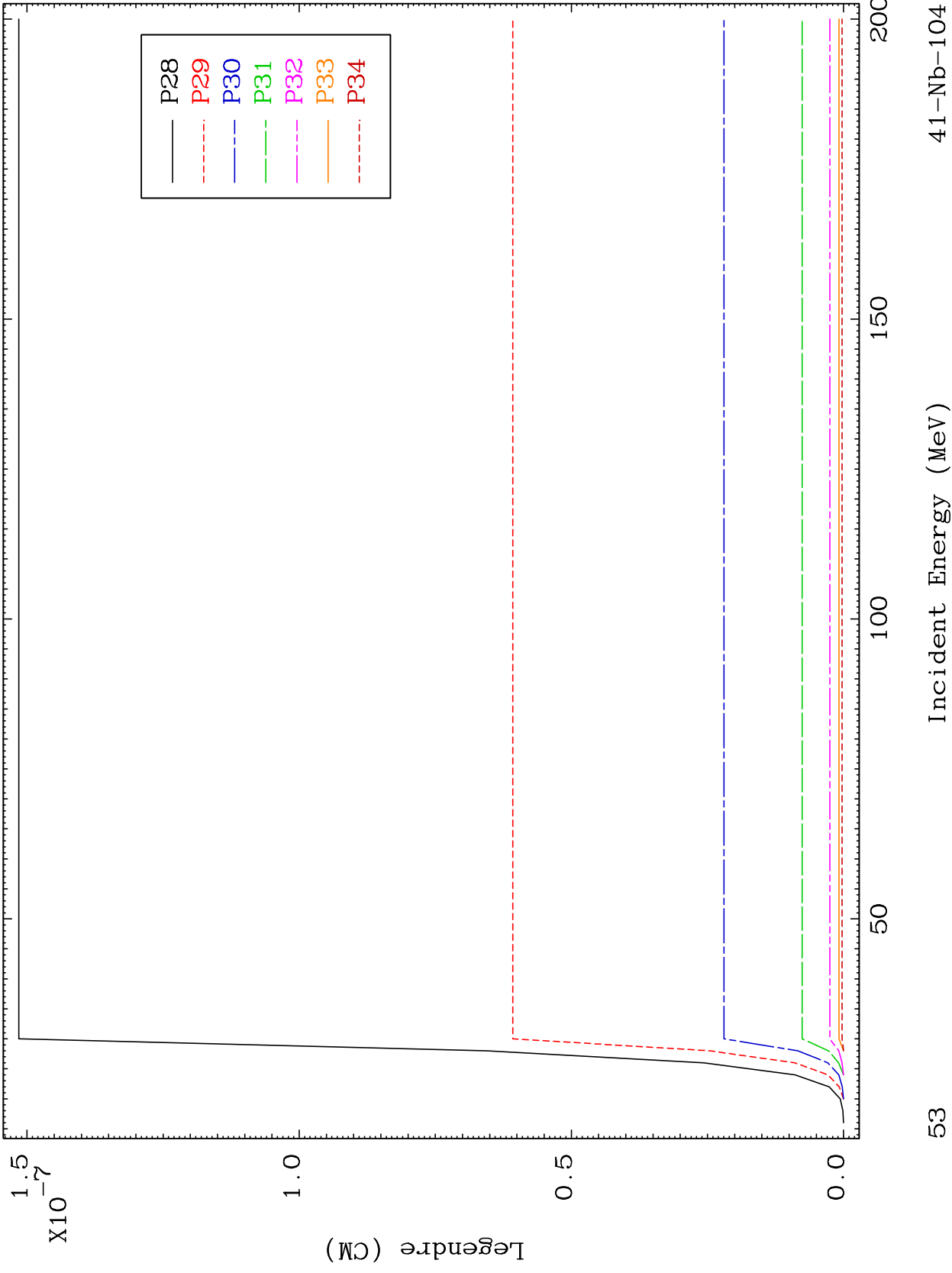
MT= 60 (n,n') Level
Legendre Coefficients

41-Nb-104



52

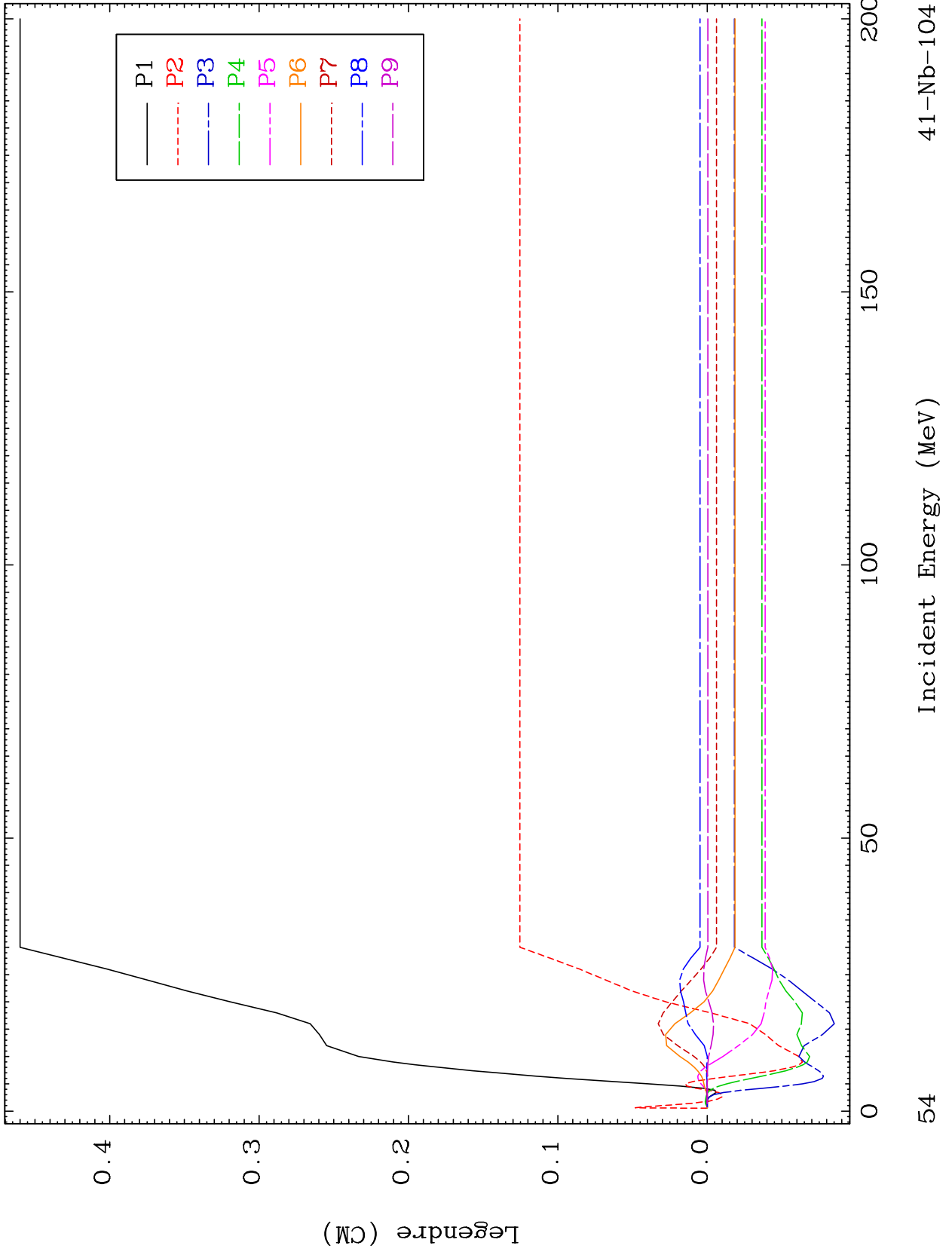
41-Nb-104



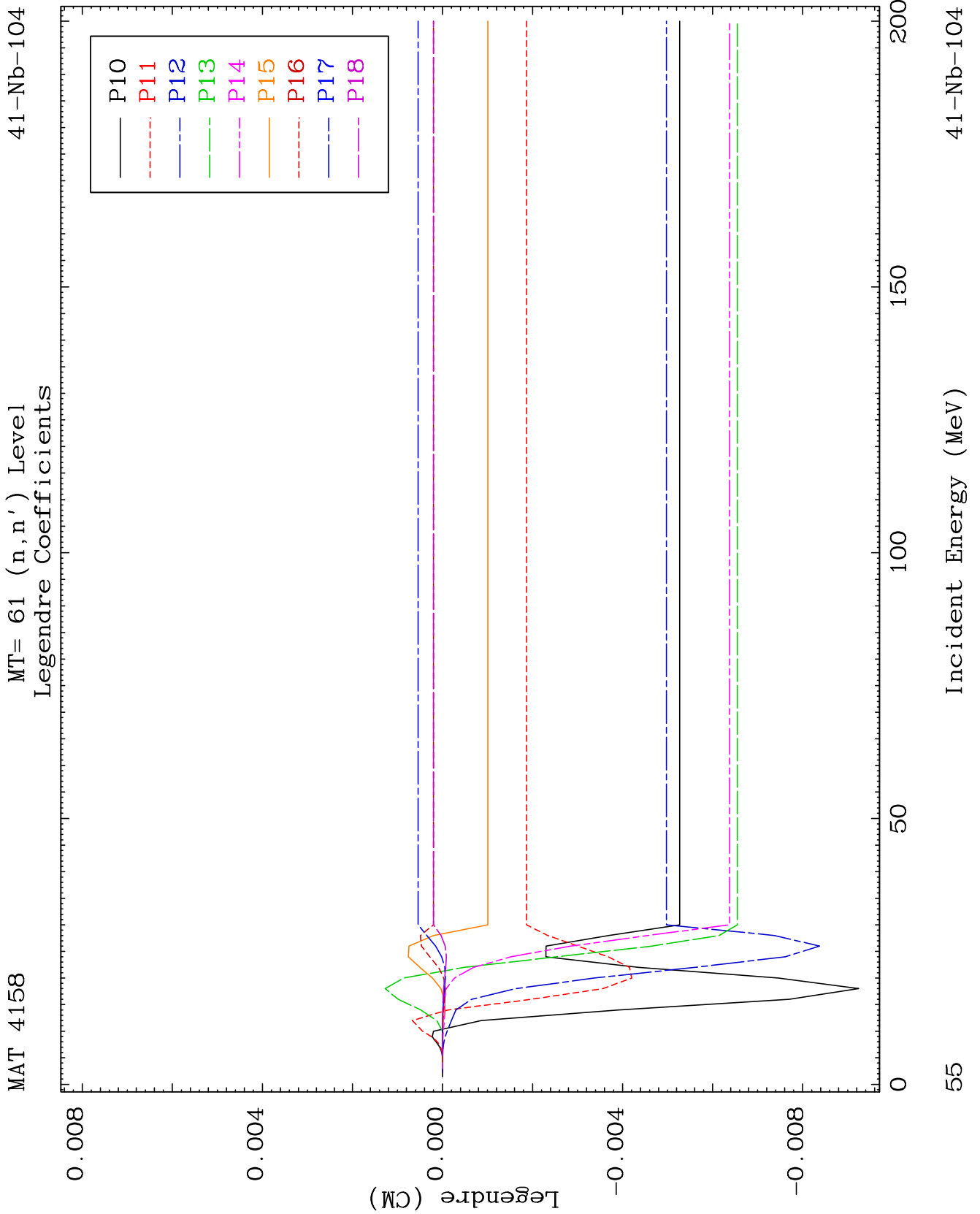
MAT 4158

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

41-Nb-104



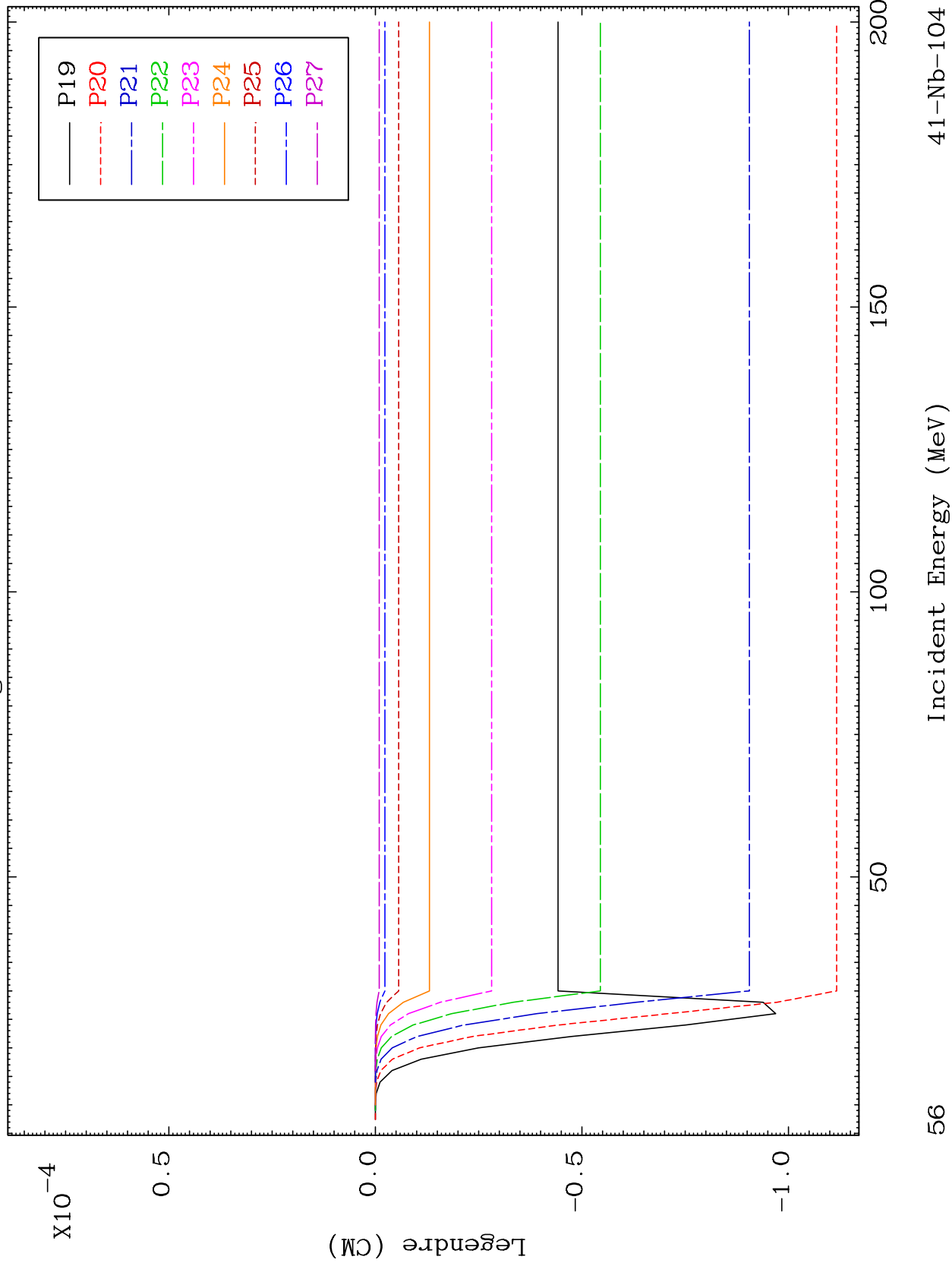
54



MAT 4158

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

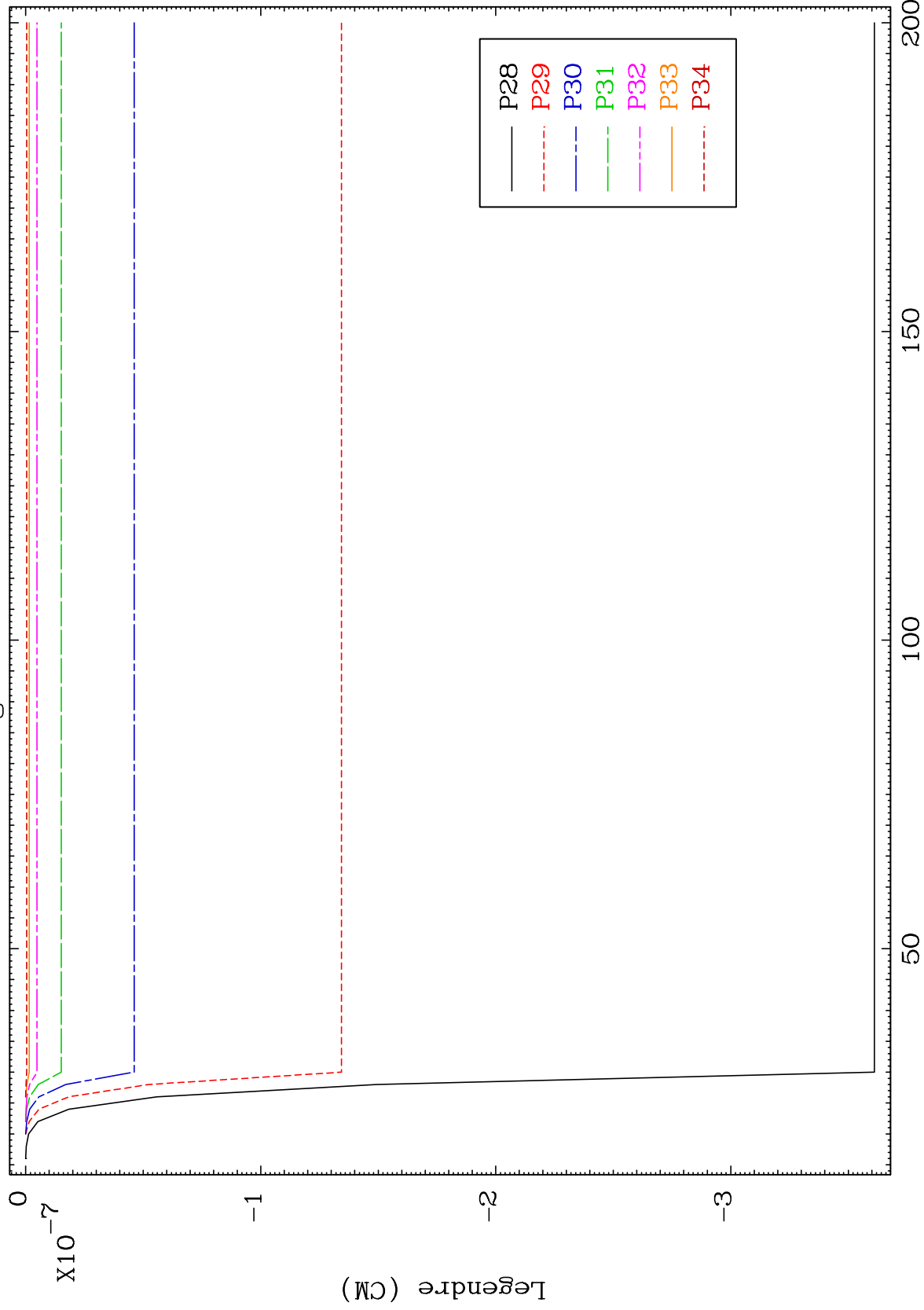
41-Nb-104



MAT 4158

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

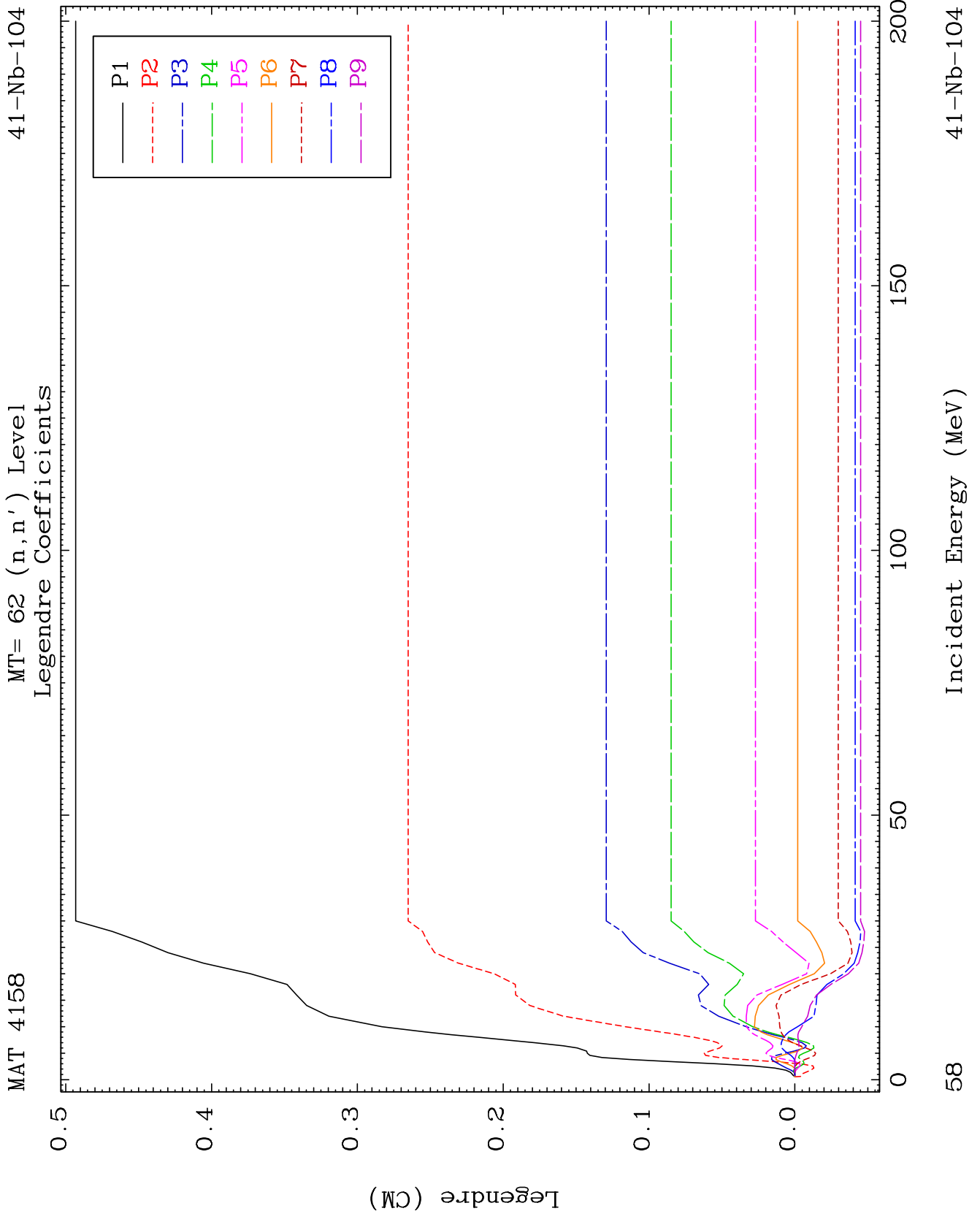
41-Nb-104



57

Incident Energy (MeV)

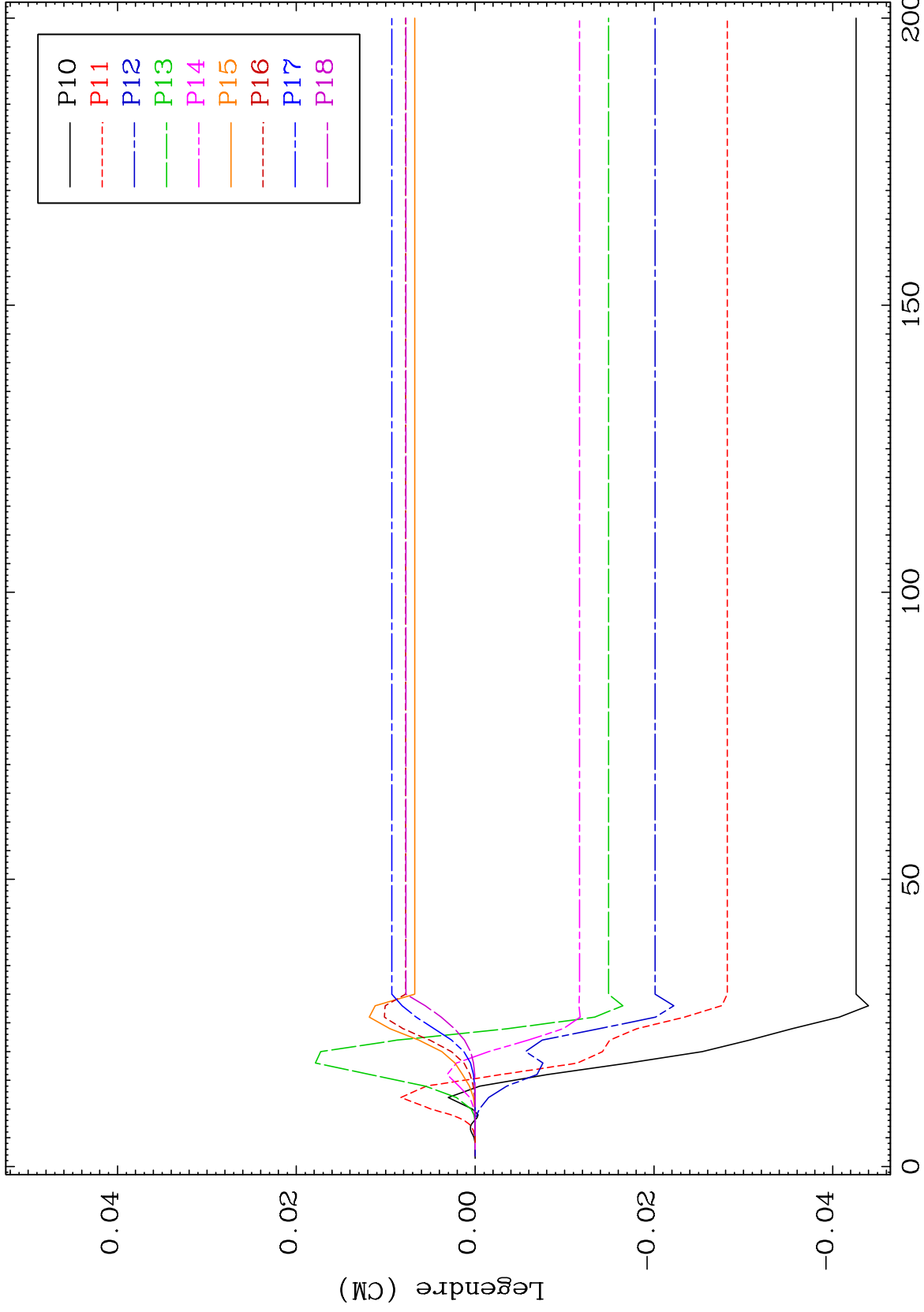
41-Nb-104



MAT 4158

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

41-Nb-104



59

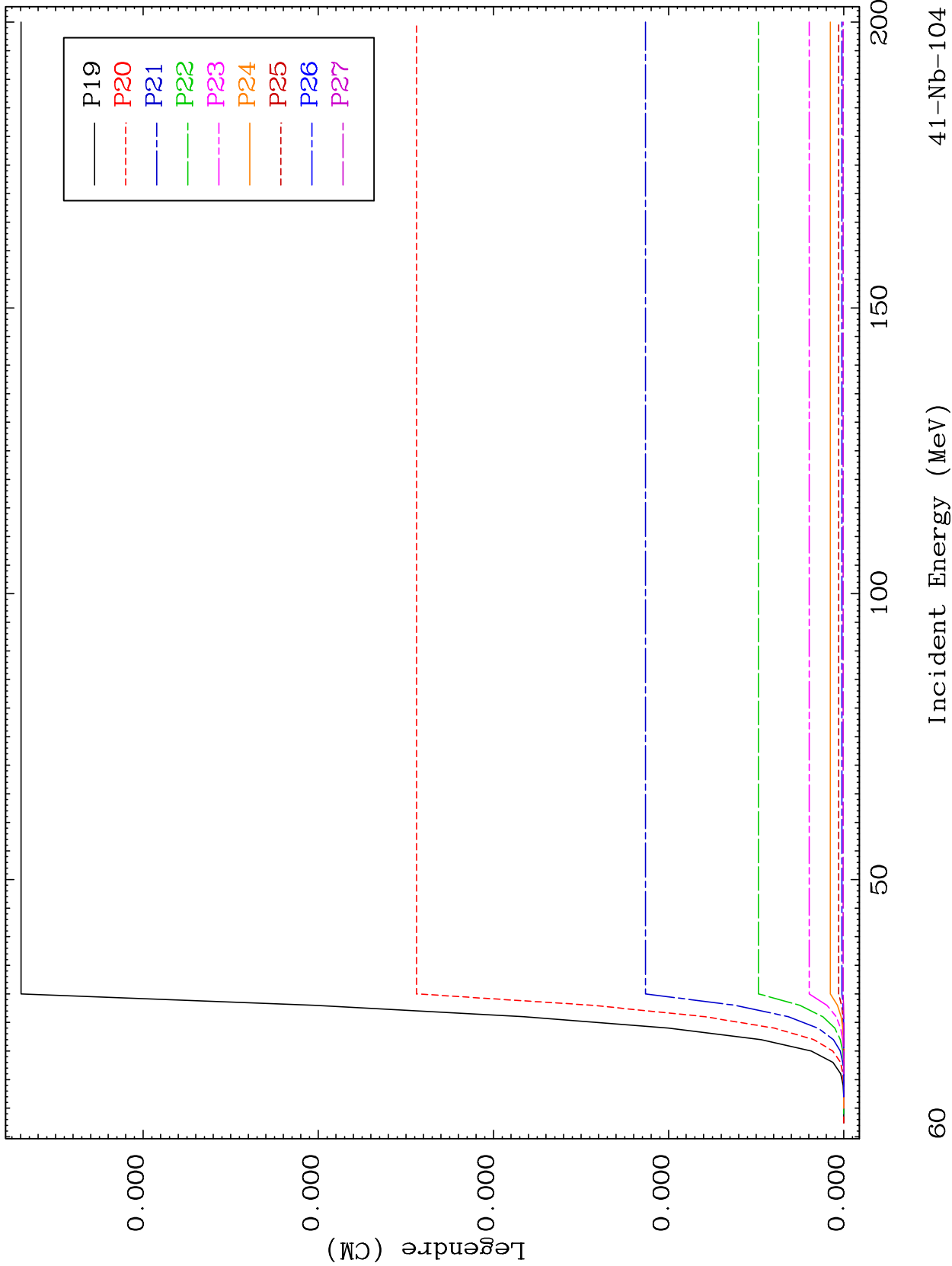
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



60

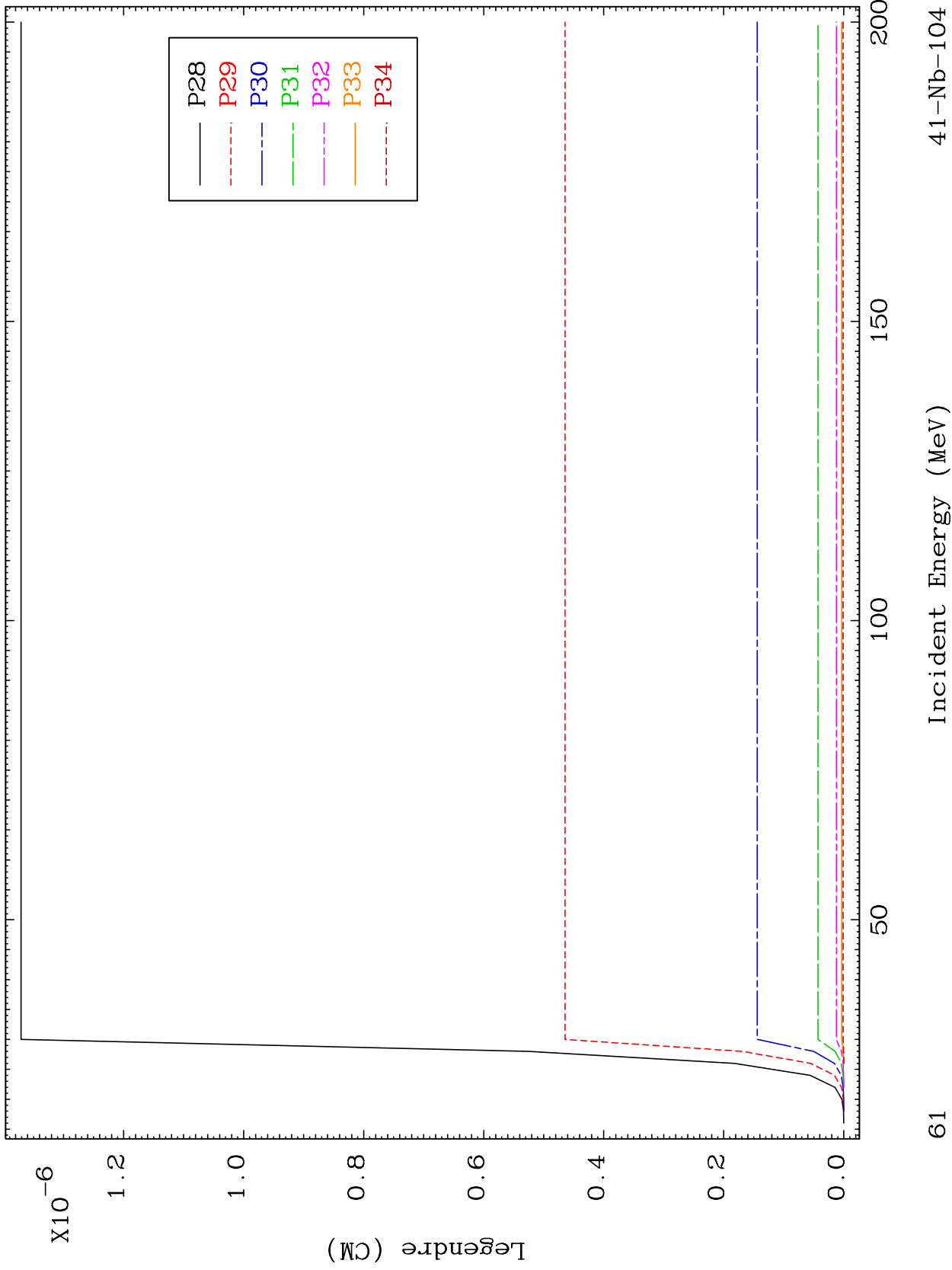
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

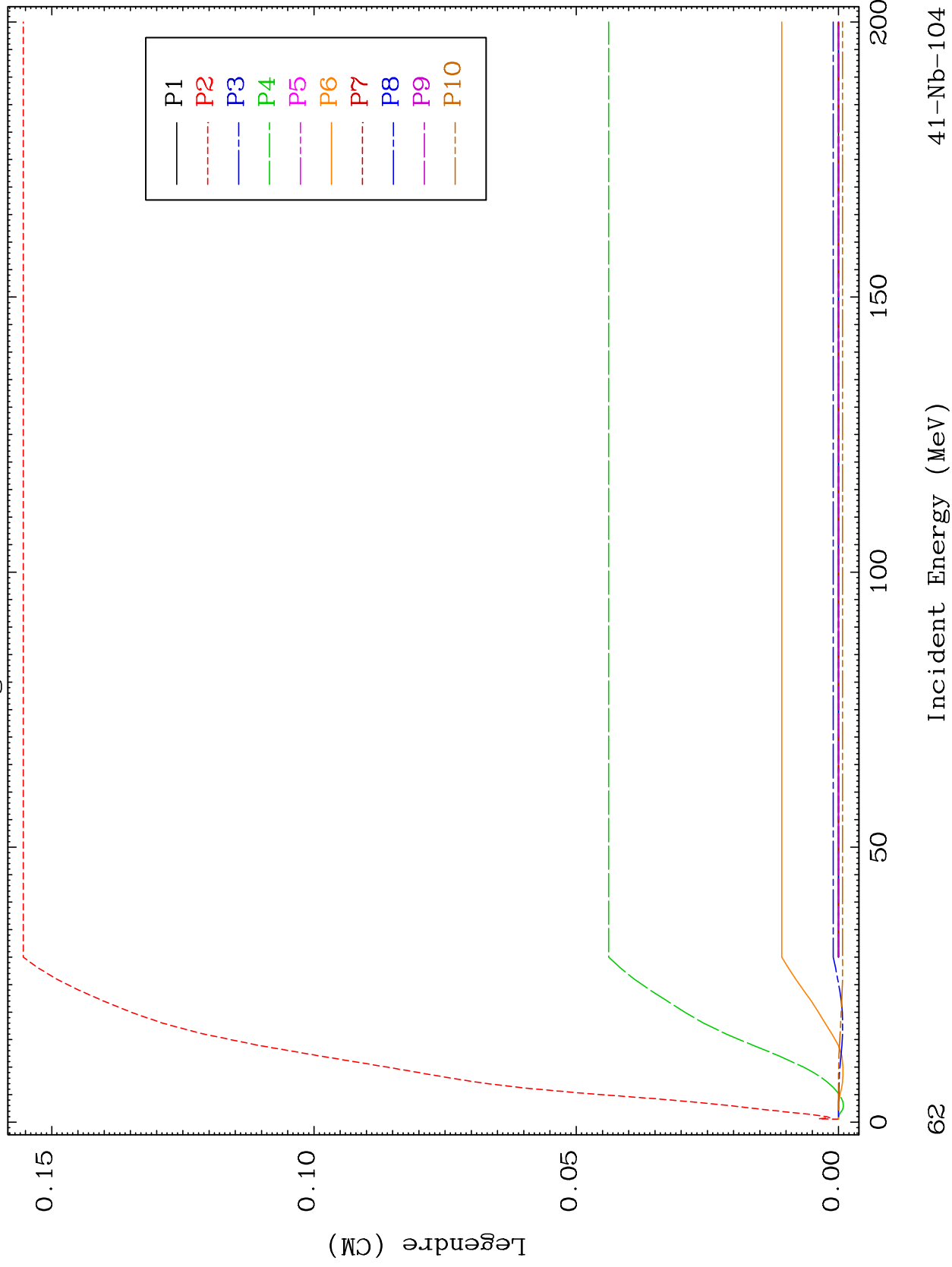
41-Nb-104



MAT 4158

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

41-Nb-104



41-Nb-104

Incident Energy (MeV)

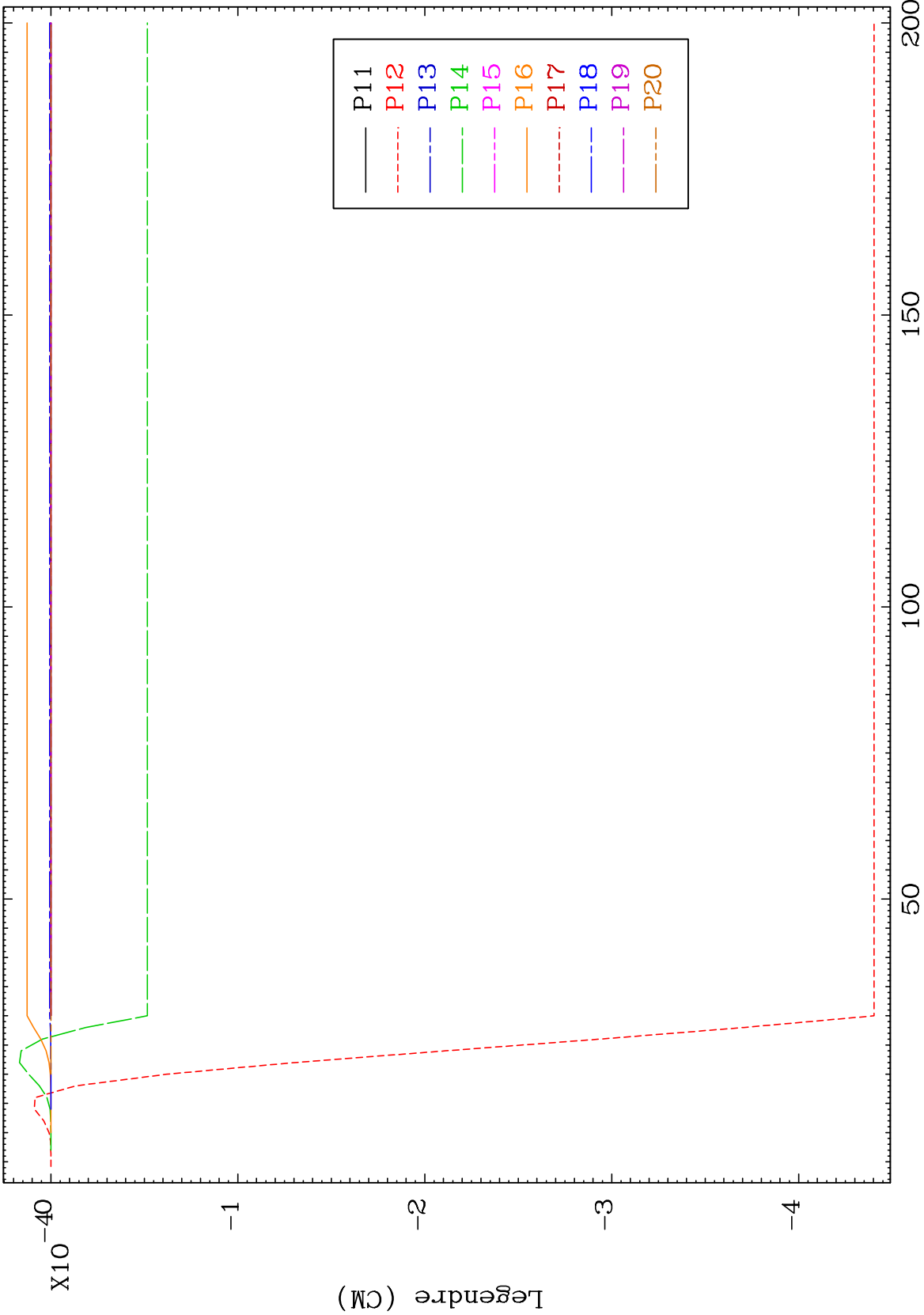
62

MAT 4158

MT= 63 (n,n') Level

41-Nb-104

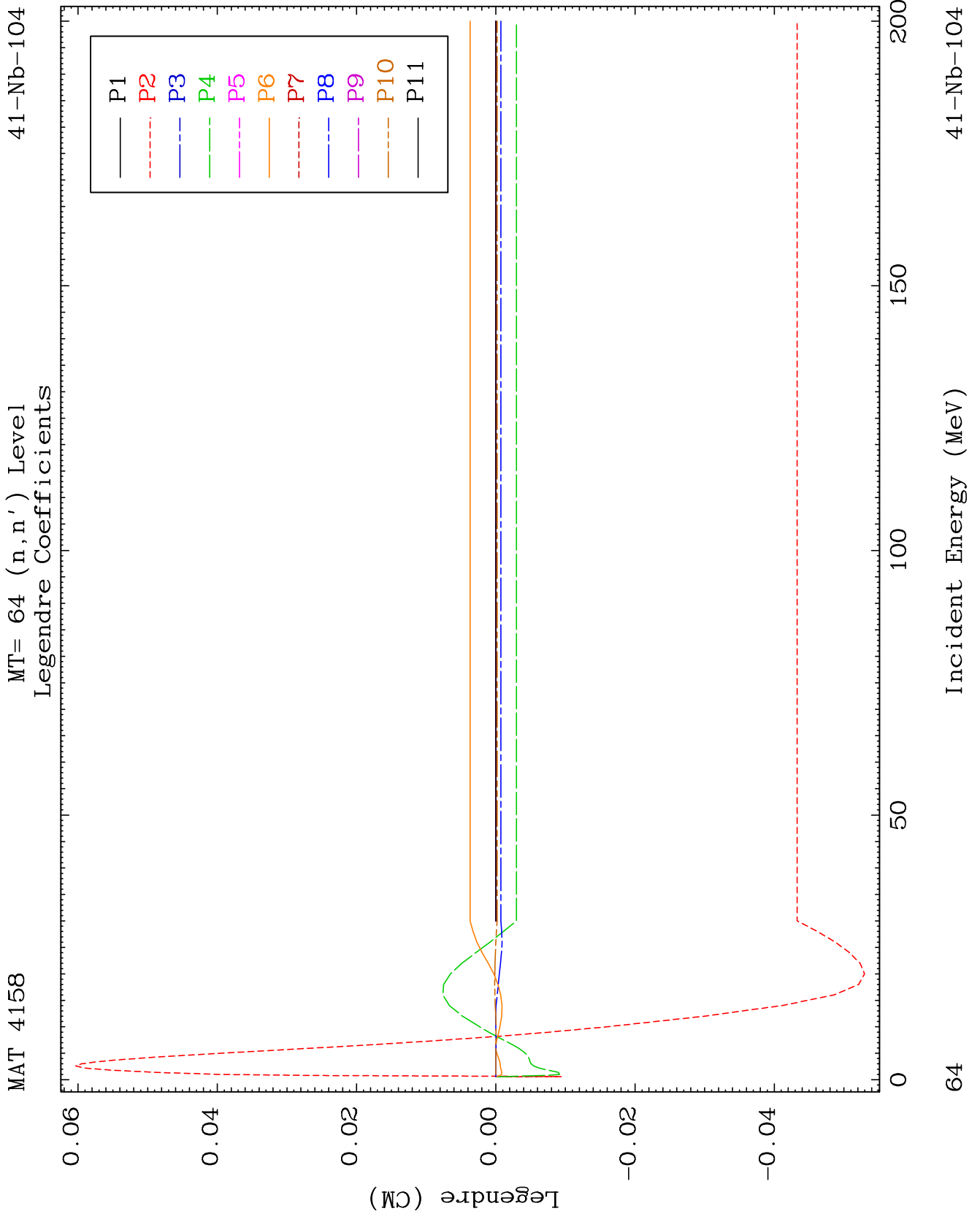
Legendre Coefficients



63

Incident Energy (MeV)

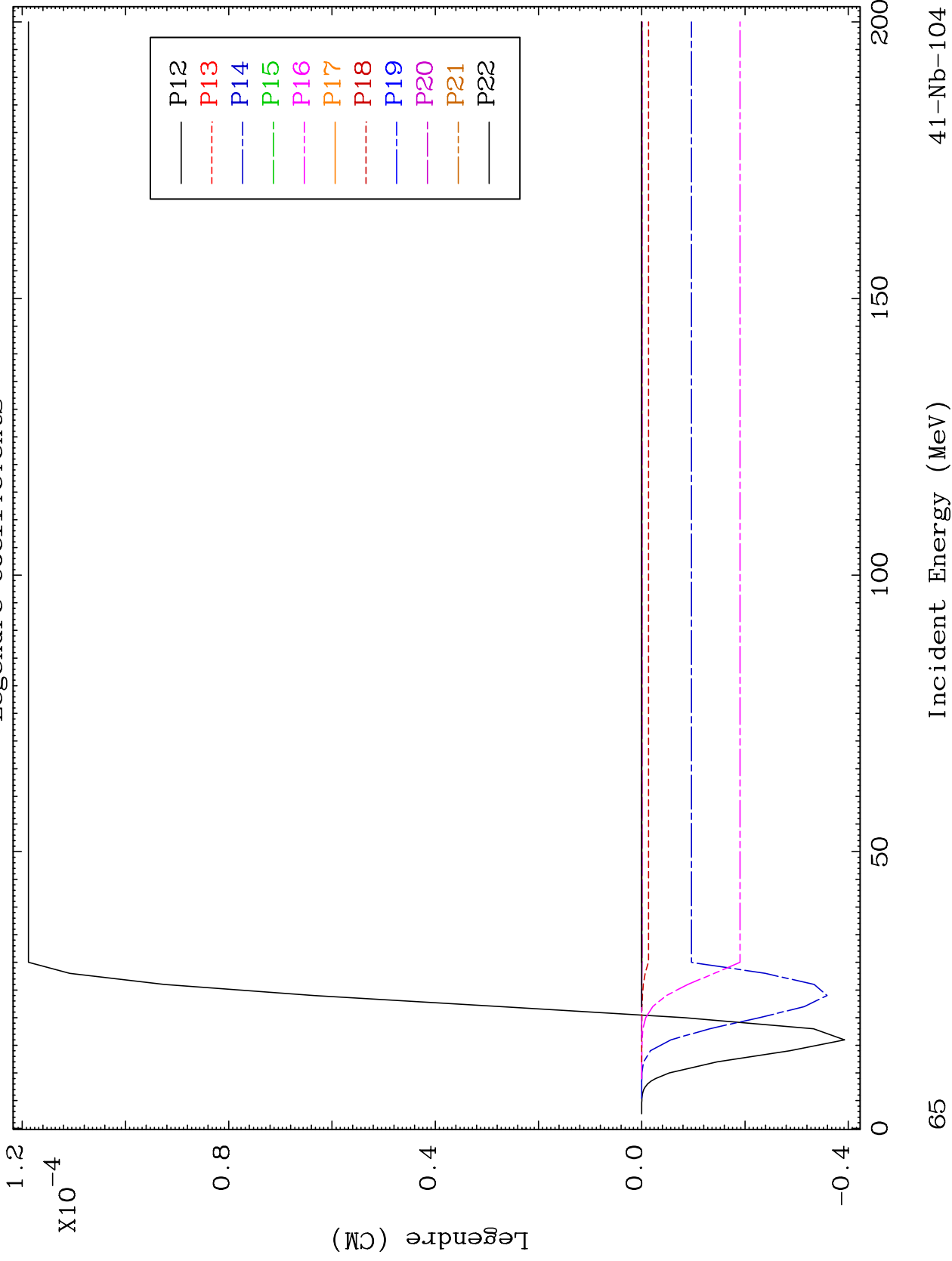
41-Nb-104



MAT 4158

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

41-Nb-104



41-Nb-104

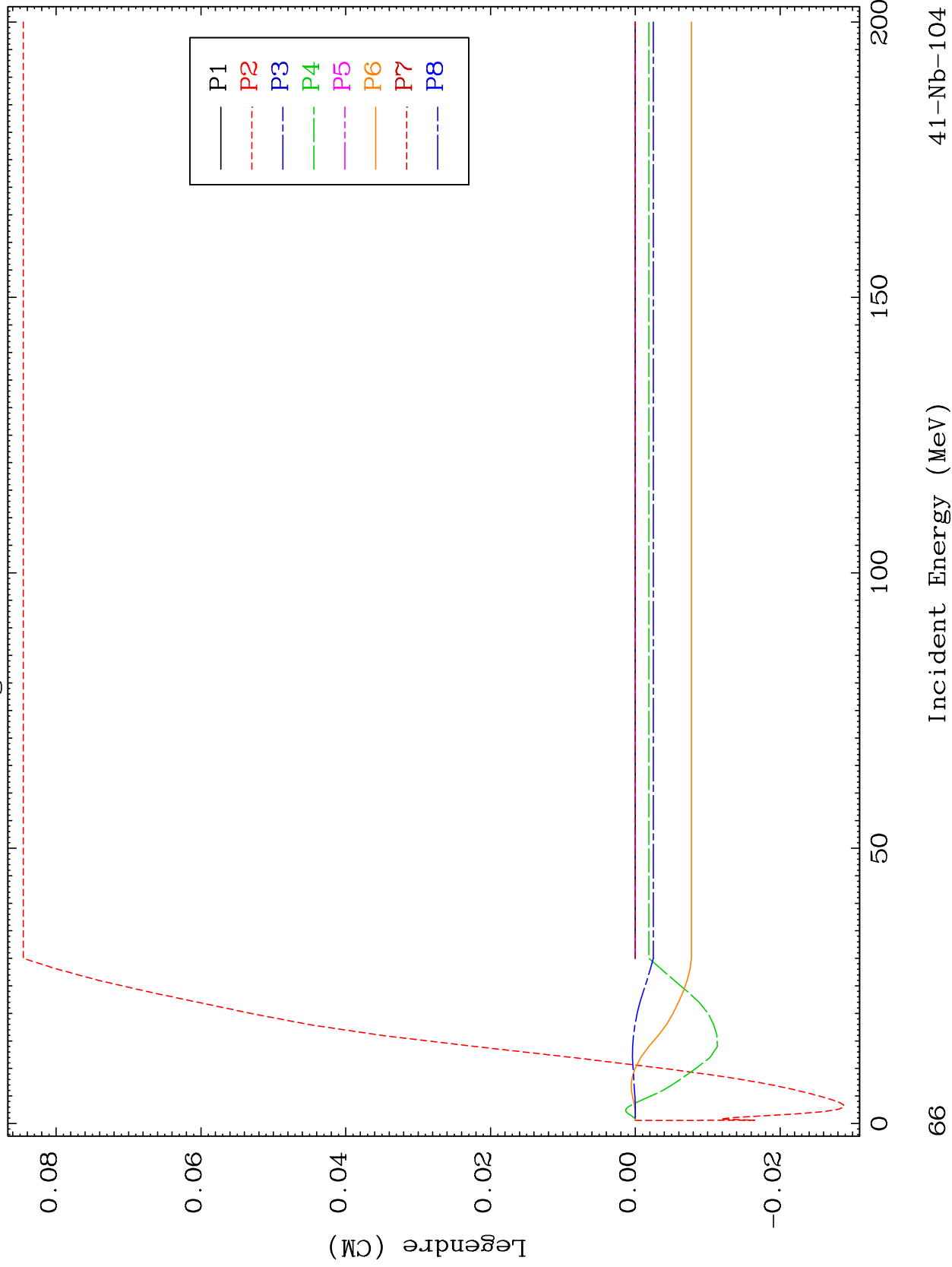
Incident Energy (MeV)

65

MAT 4158

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

41-Nb-104



41-Nb-104

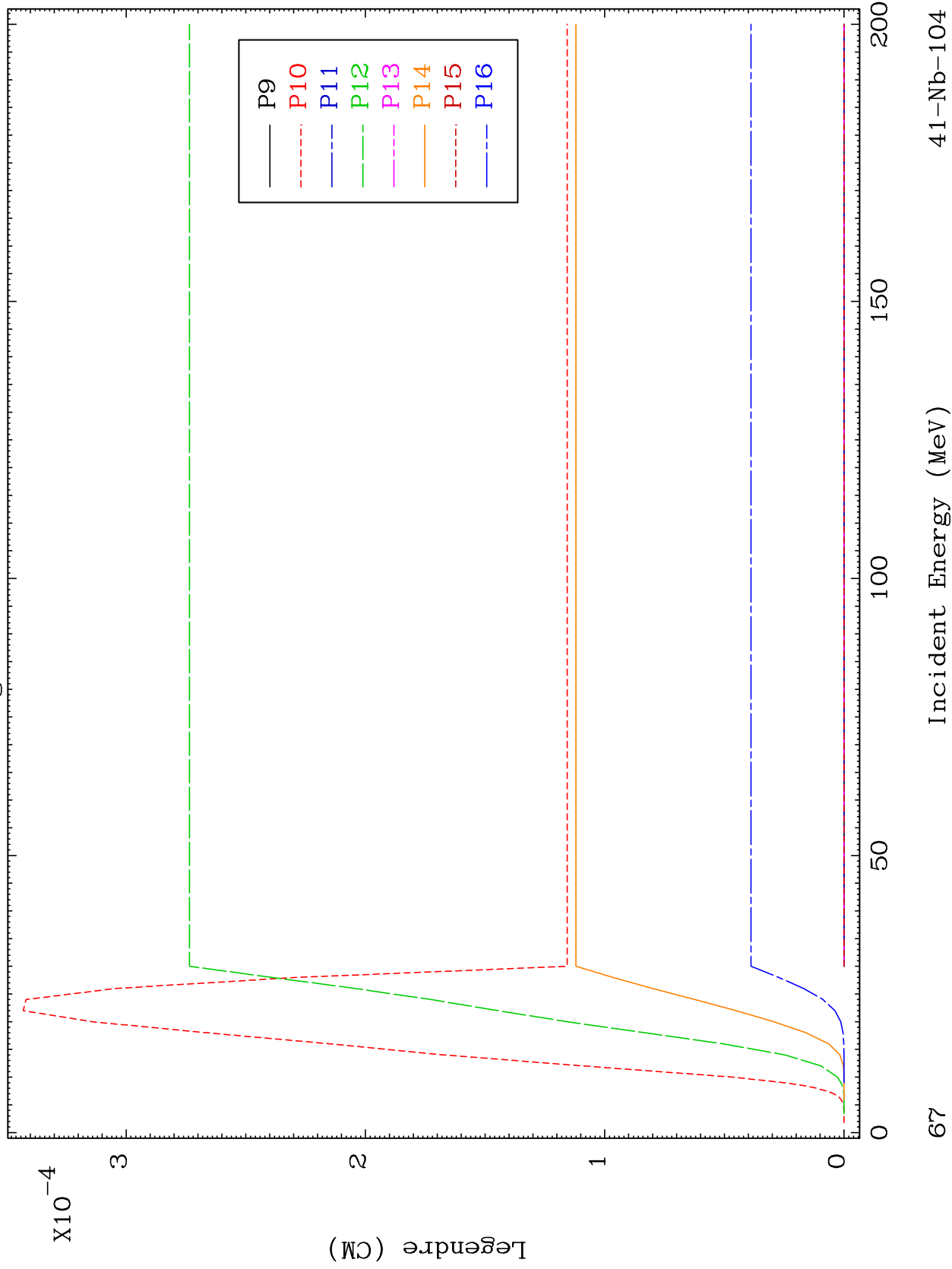
Incident Energy (MeV)

66

MAT 4158

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

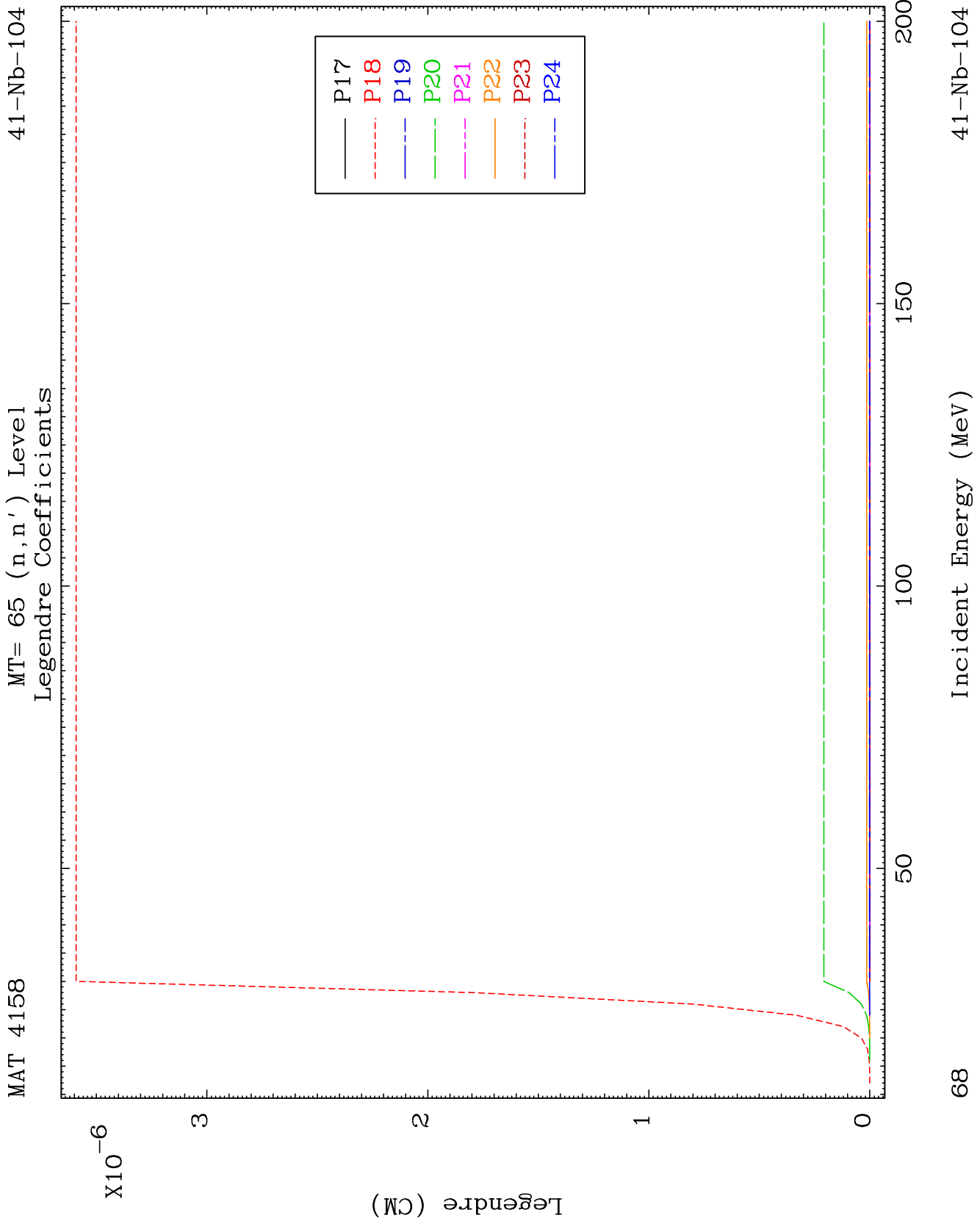
41-Nb-104



67

Incident Energy (MeV)

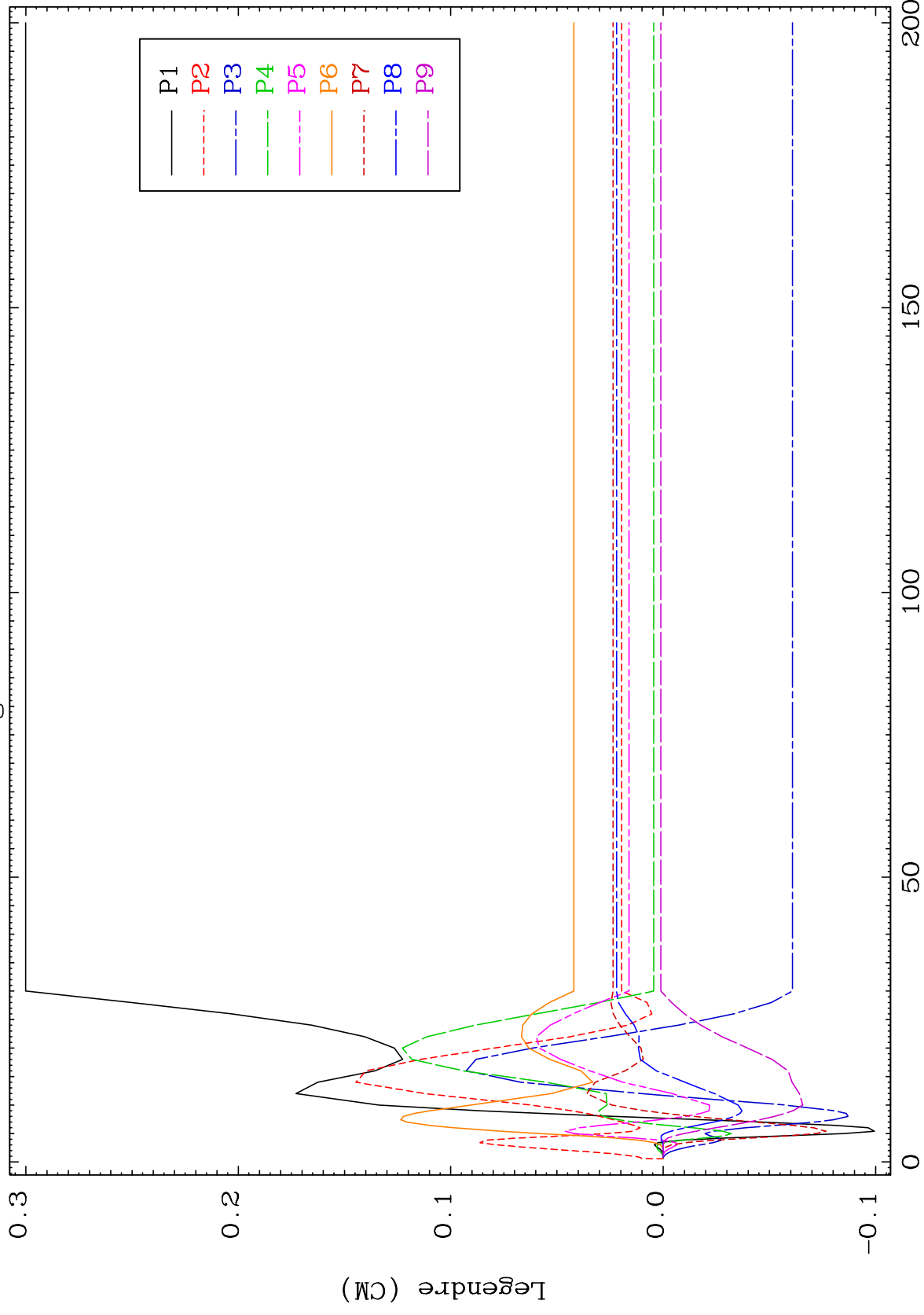
41-Nb-104



MAT 4158

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

41-Nb-104



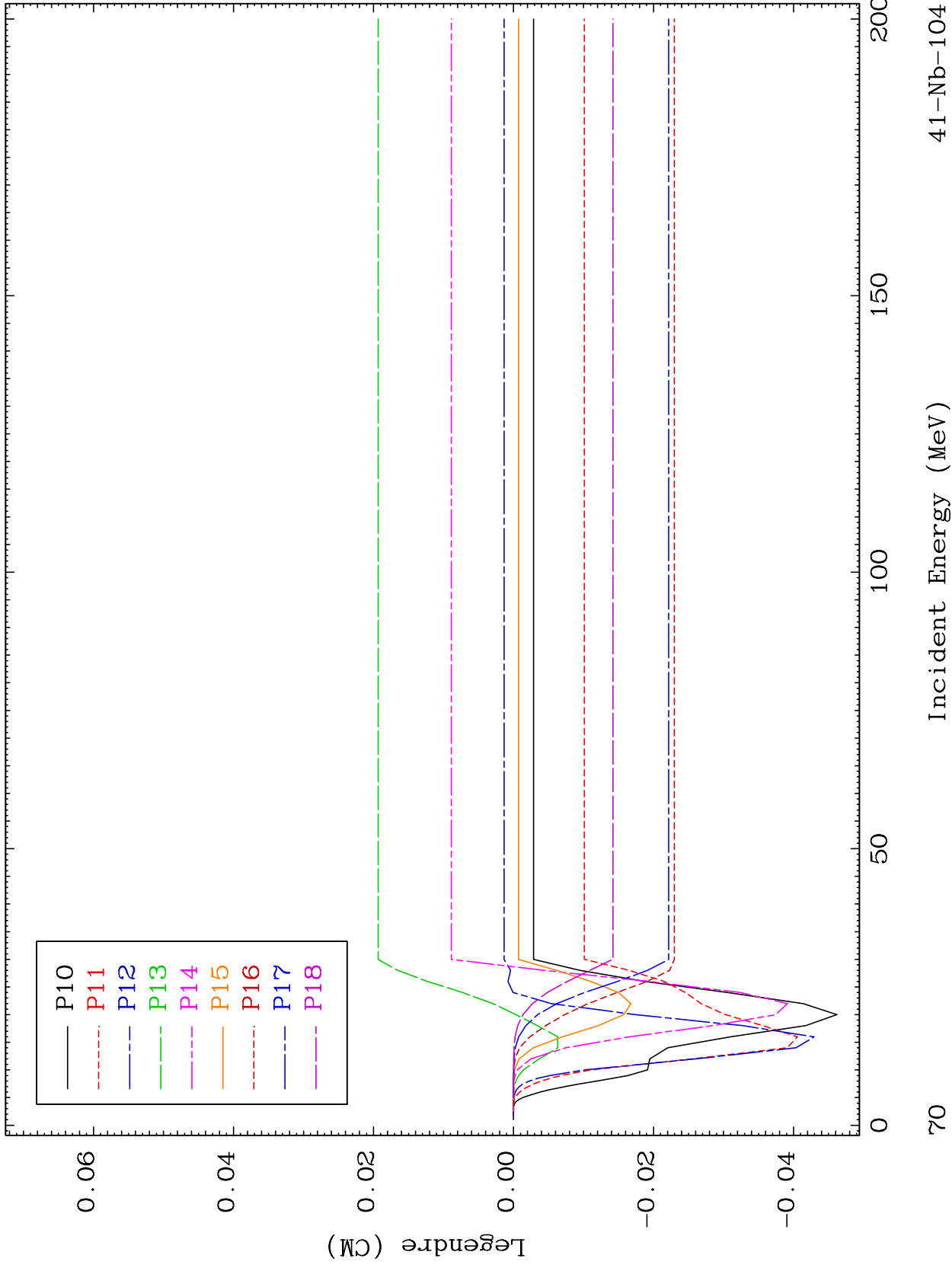
69

41-Nb-104

MAT 4158

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

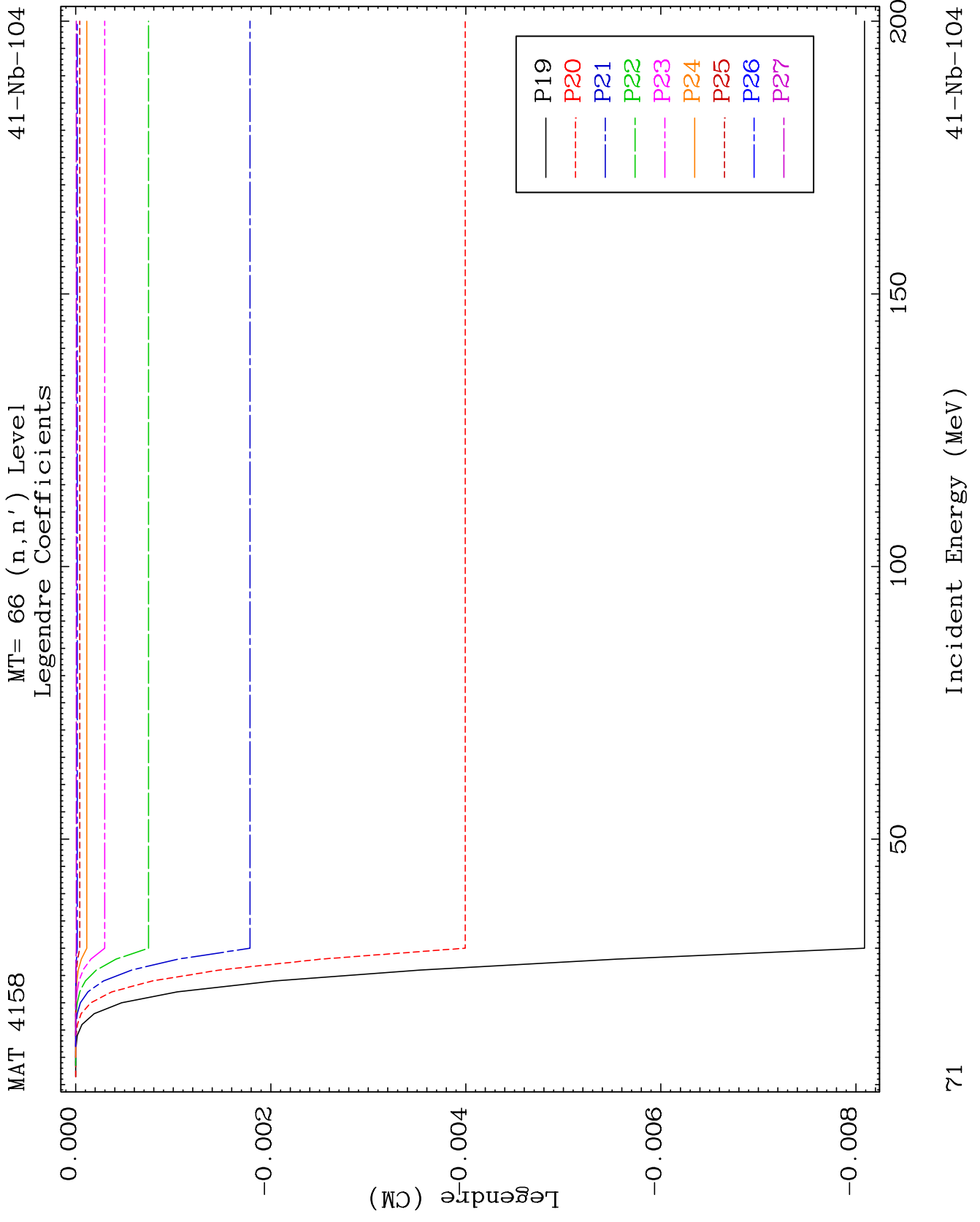
41-Nb-104

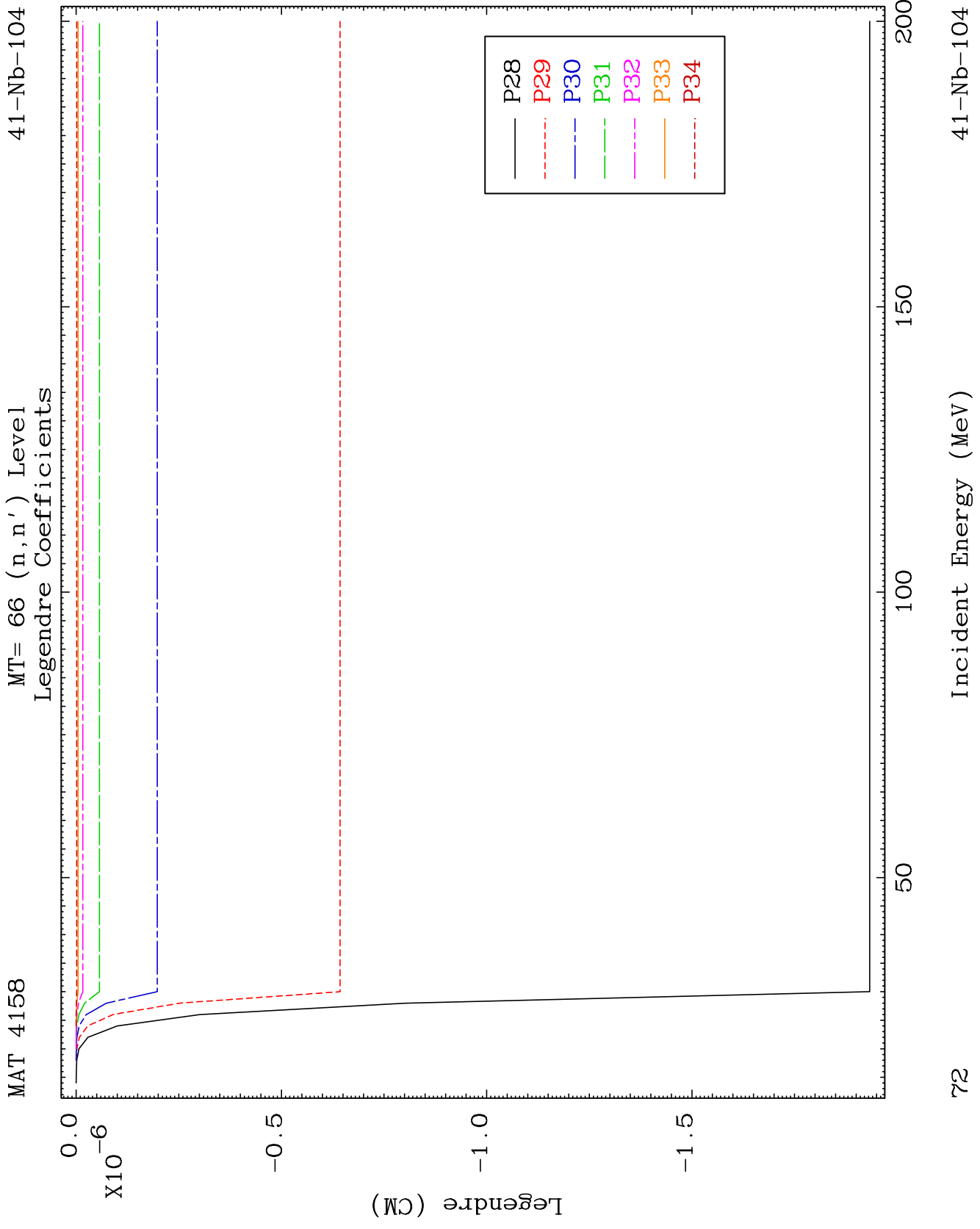


41-Nb-104

Incident Energy (MeV)

70

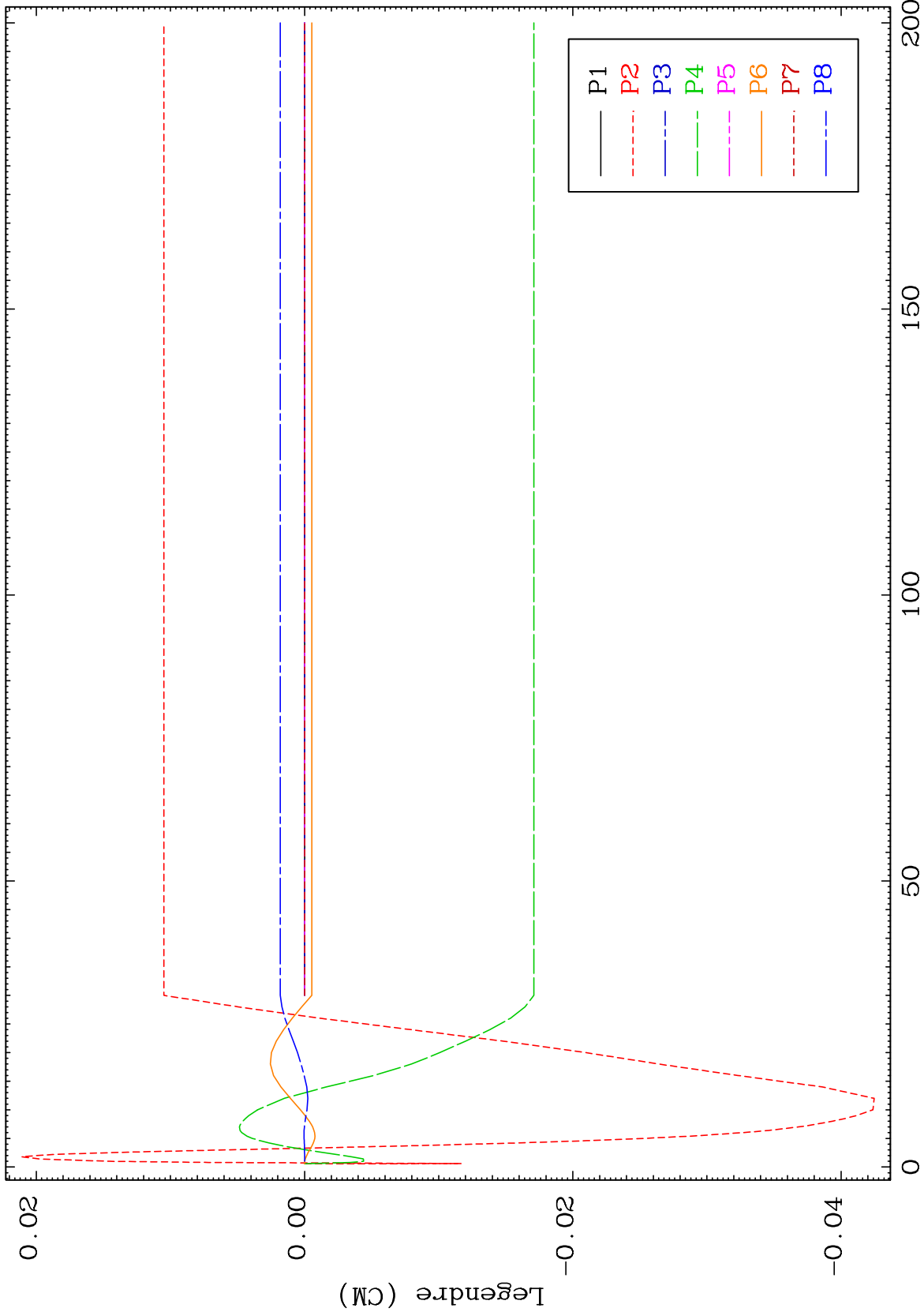




MAT 4158

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

41-Nb-104



73

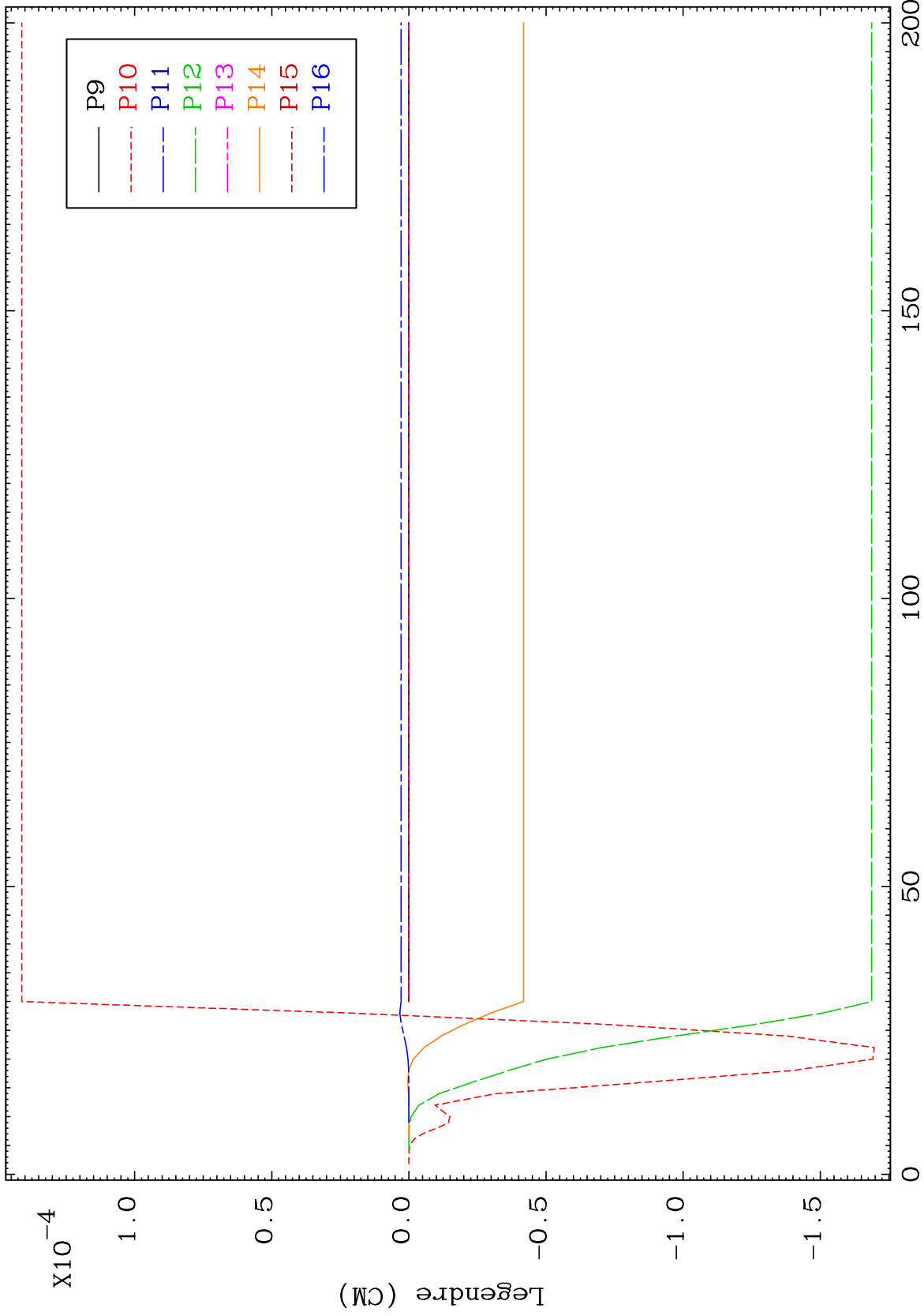
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

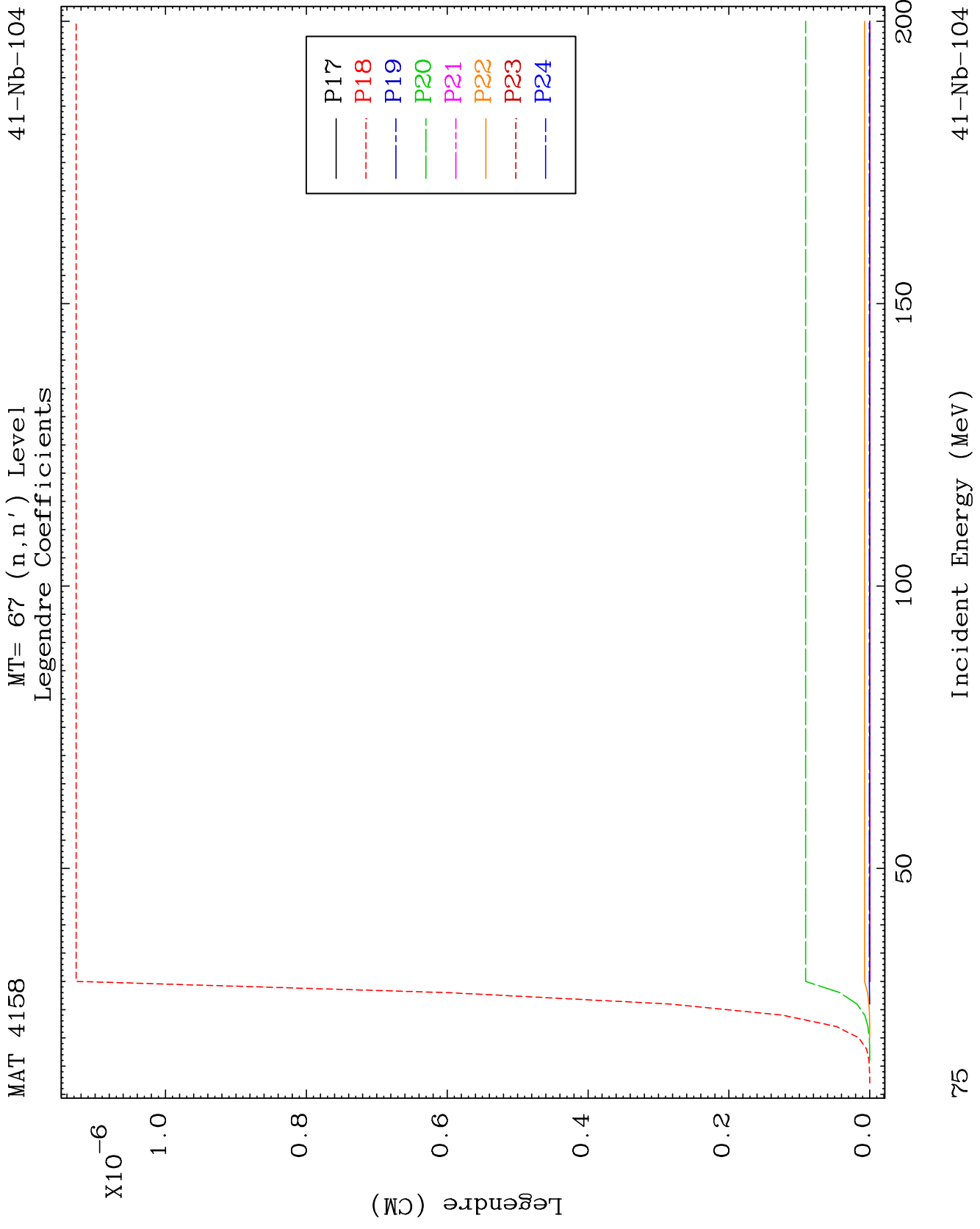
41-Nb-104



74

Incident Energy (MeV)

41-Nb-104



41-Nb-104

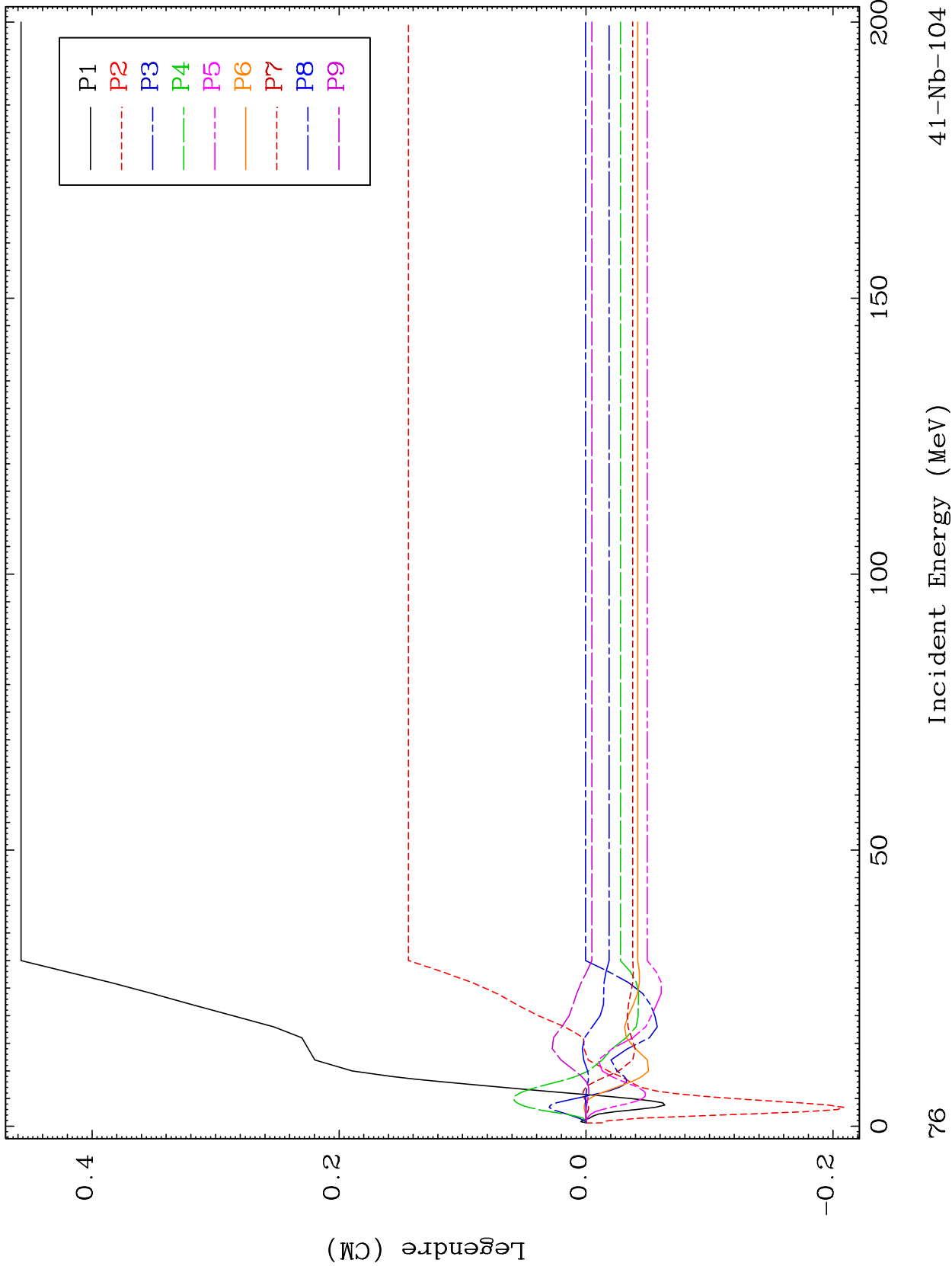
Incident Energy (MeV)

75

MAT 4158

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

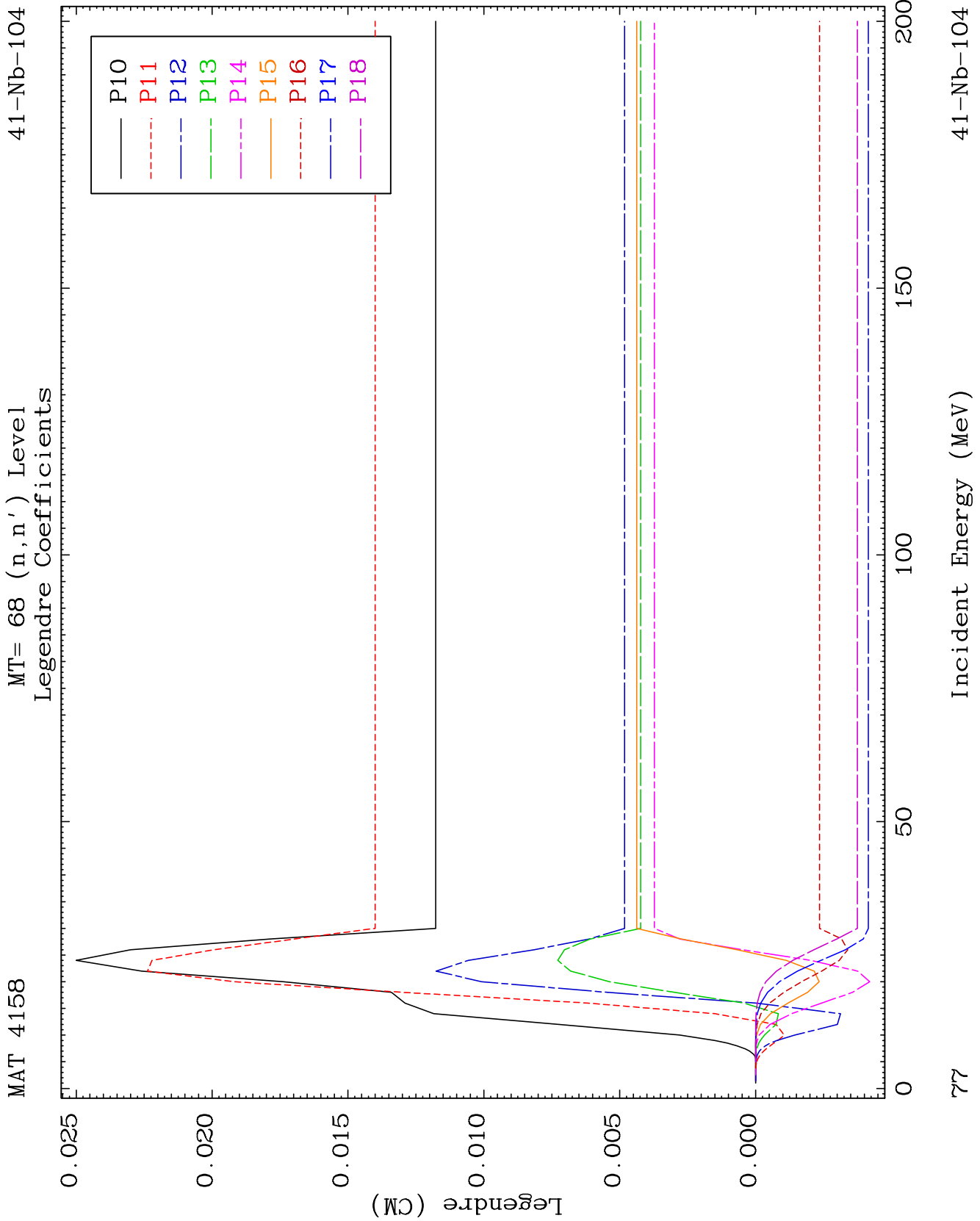
41-Nb-104



41-Nb-104

Incident Energy (MeV)

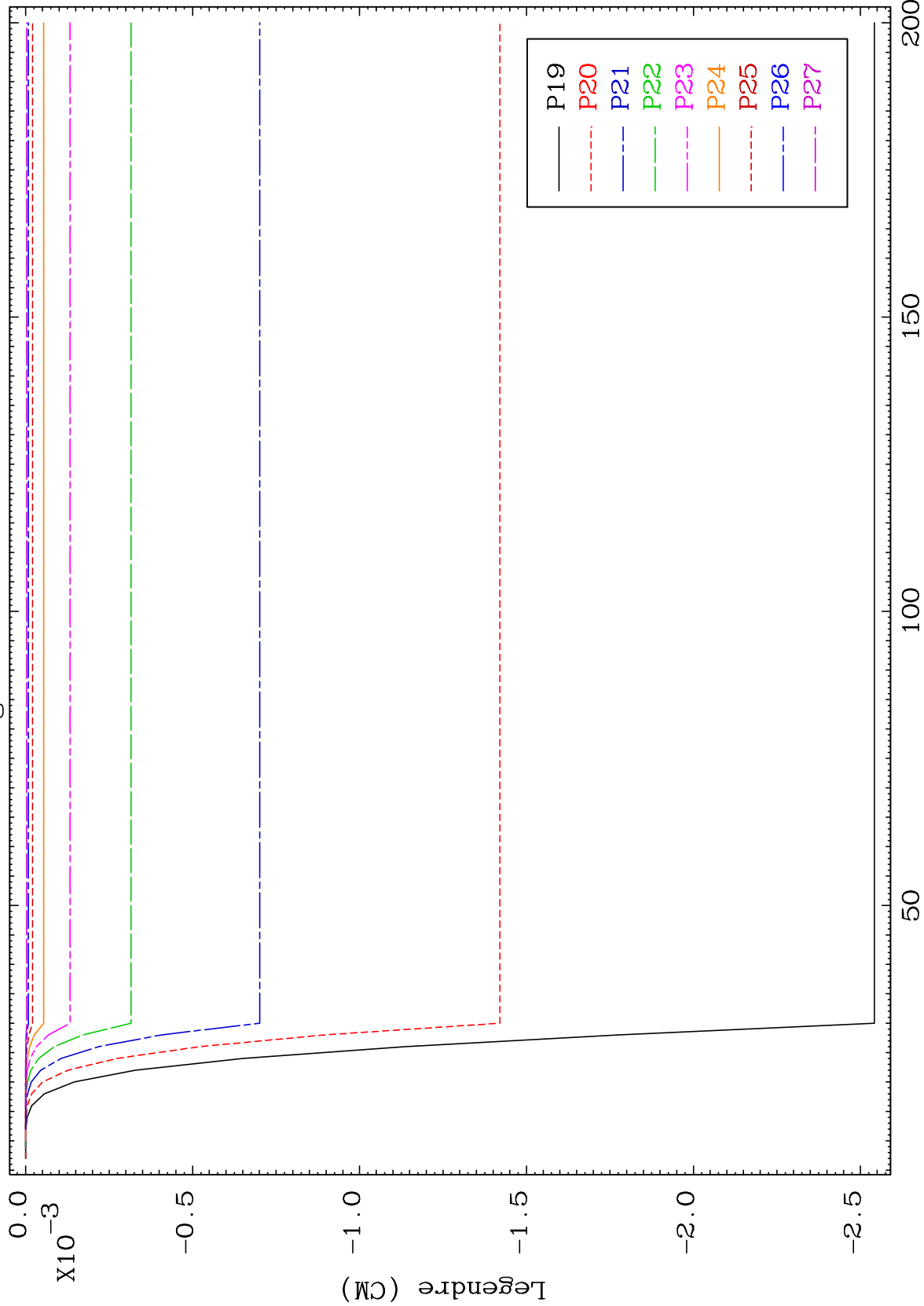
76



MAT 4158

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

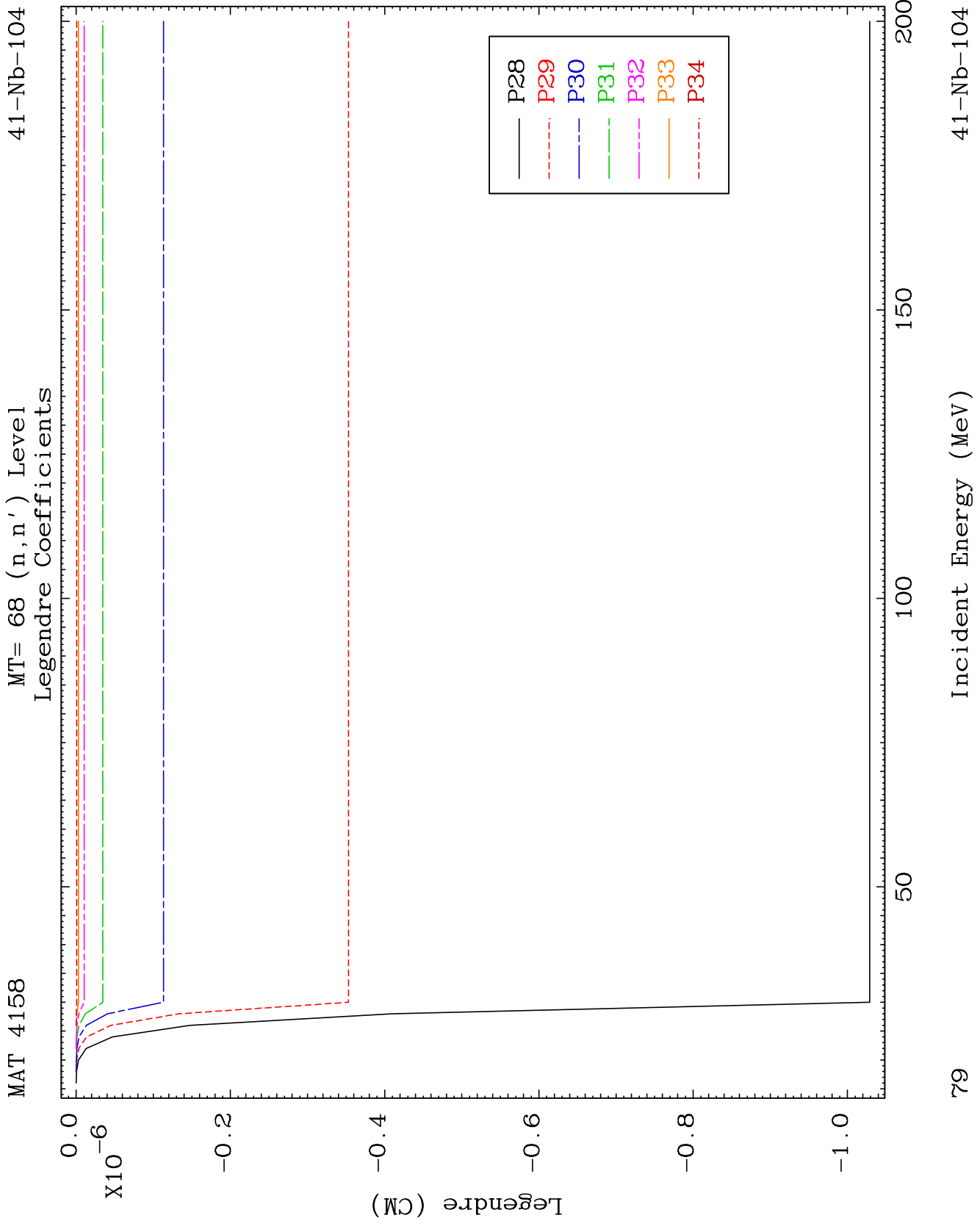
41-Nb-104



78

Incident Energy (MeV)

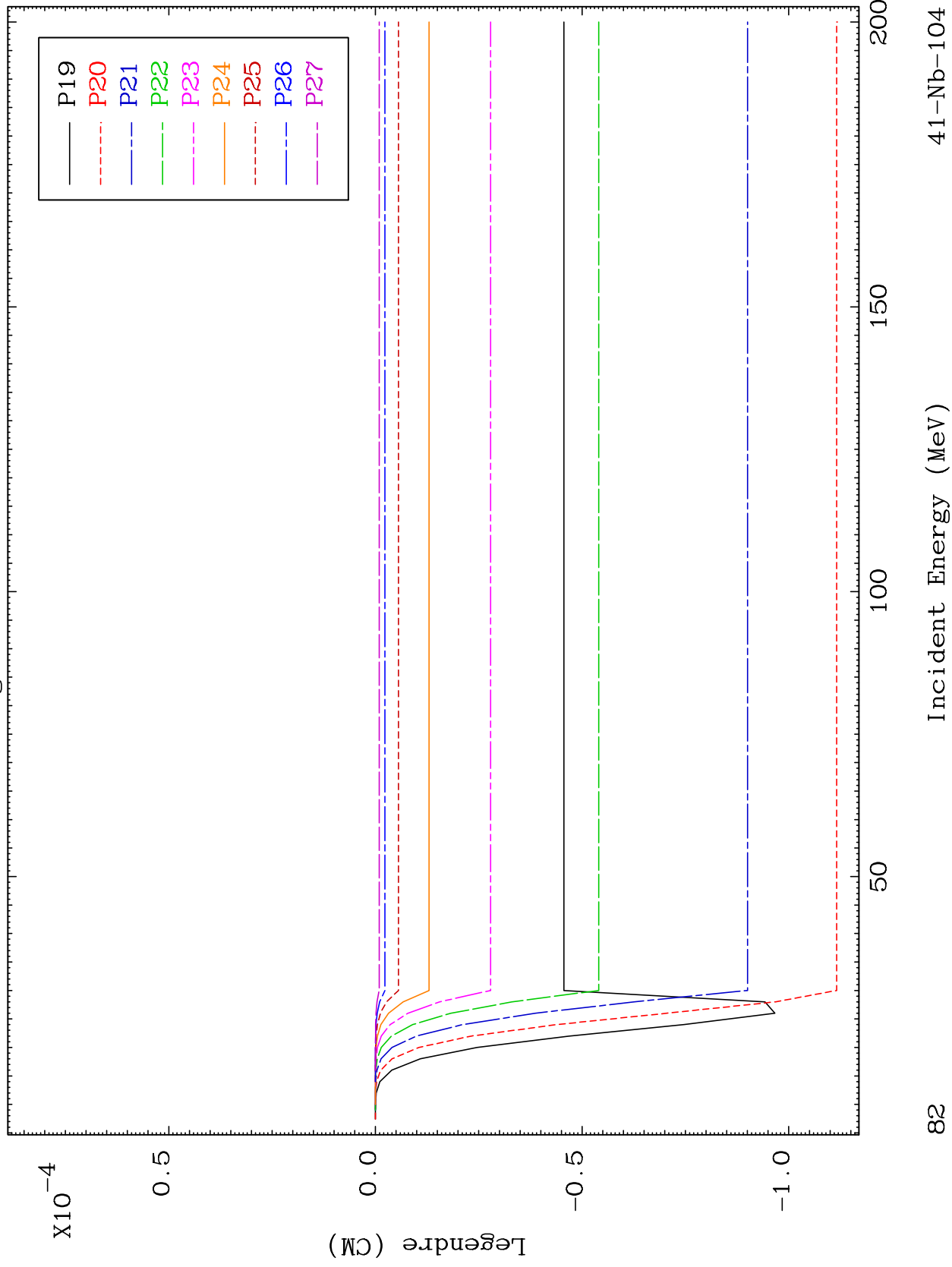
41-Nb-104



MAT 4158

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

41-Nb-104



82

Incident Energy (MeV)

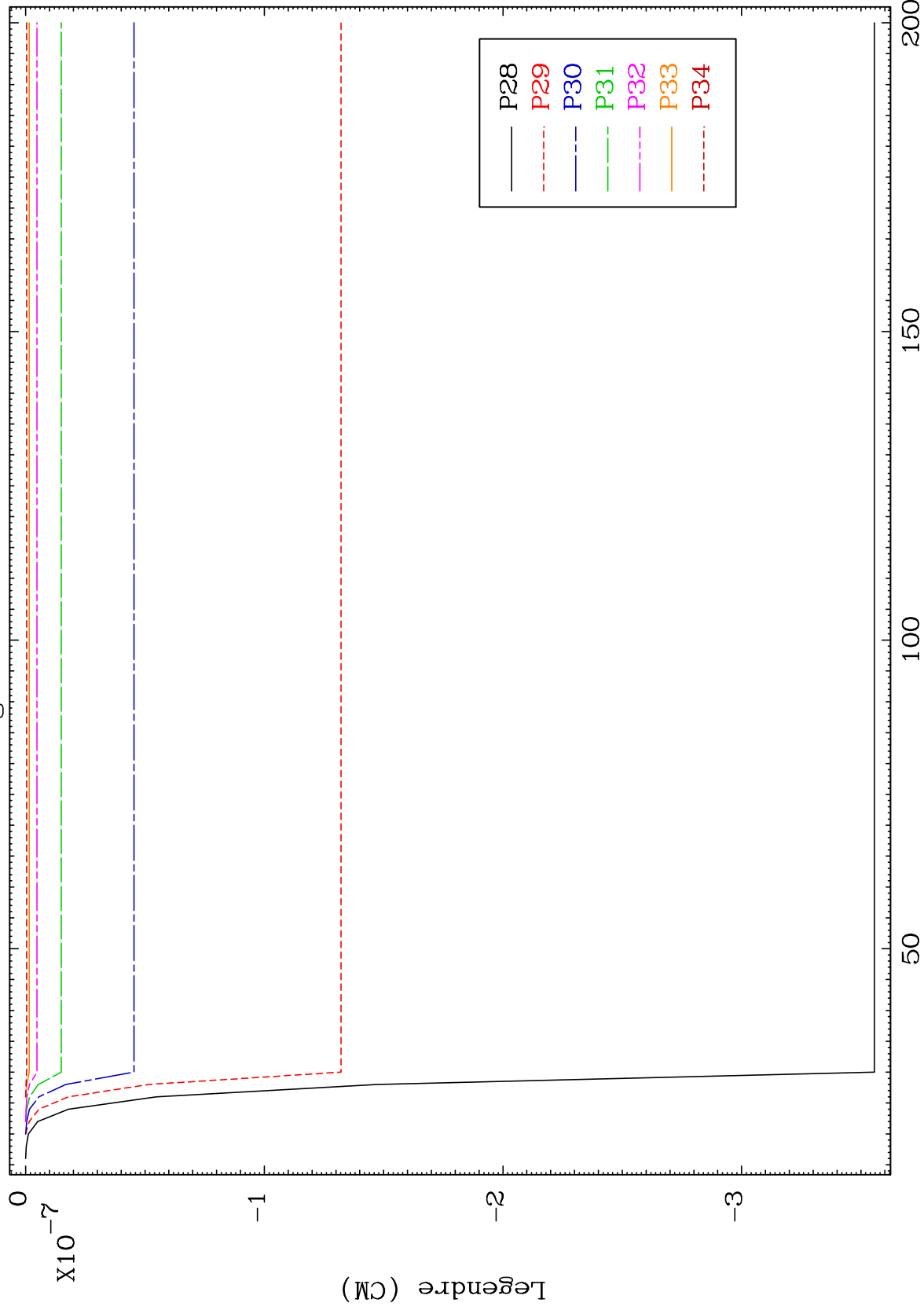
41-Nb-104

MAT 4158

MT= 69 (n,n') Level

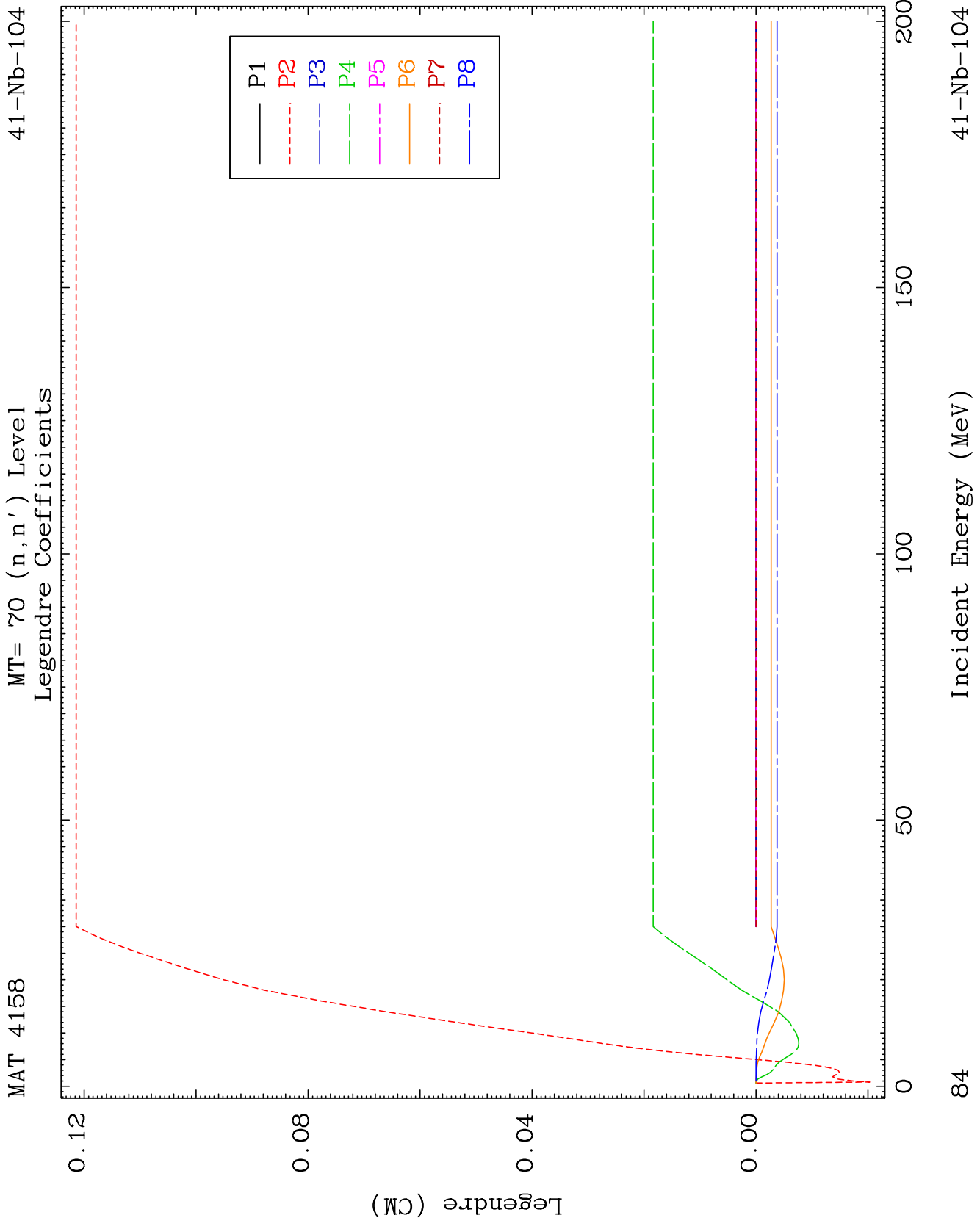
41-Nb-104

Legendre Coefficients



83

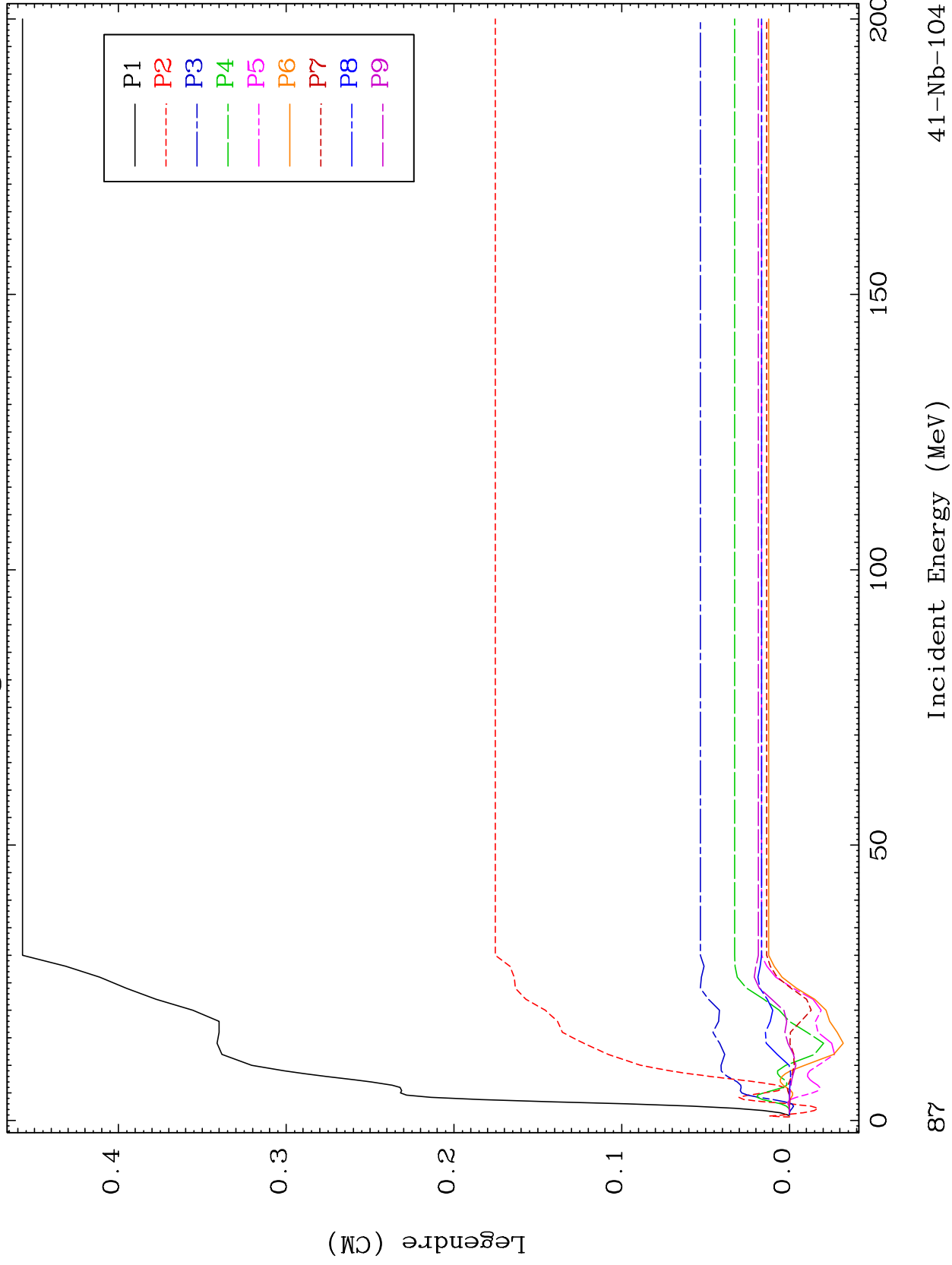
41-Nb-104



MAT 4158

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

41-Nb-104



87

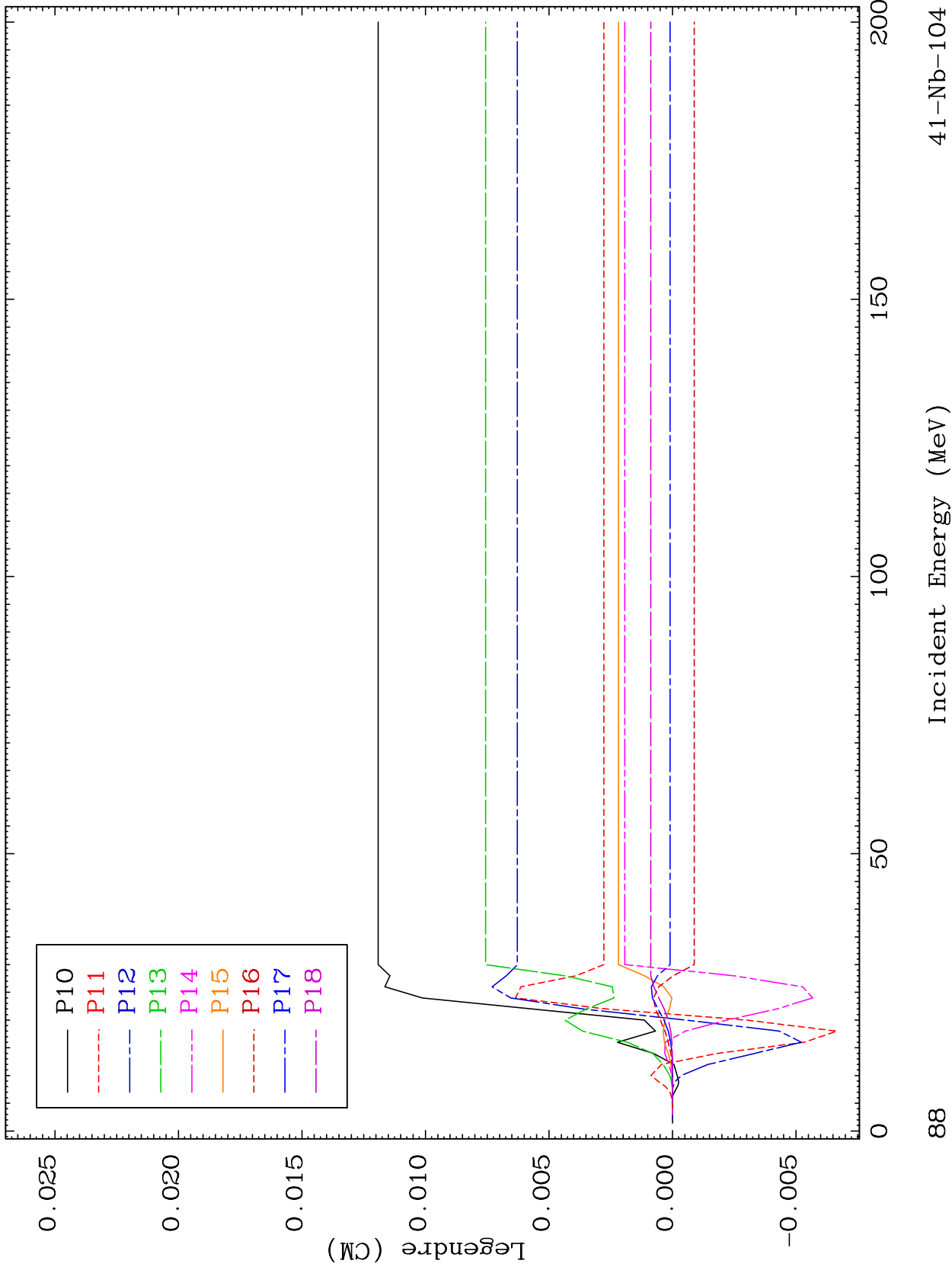
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



88

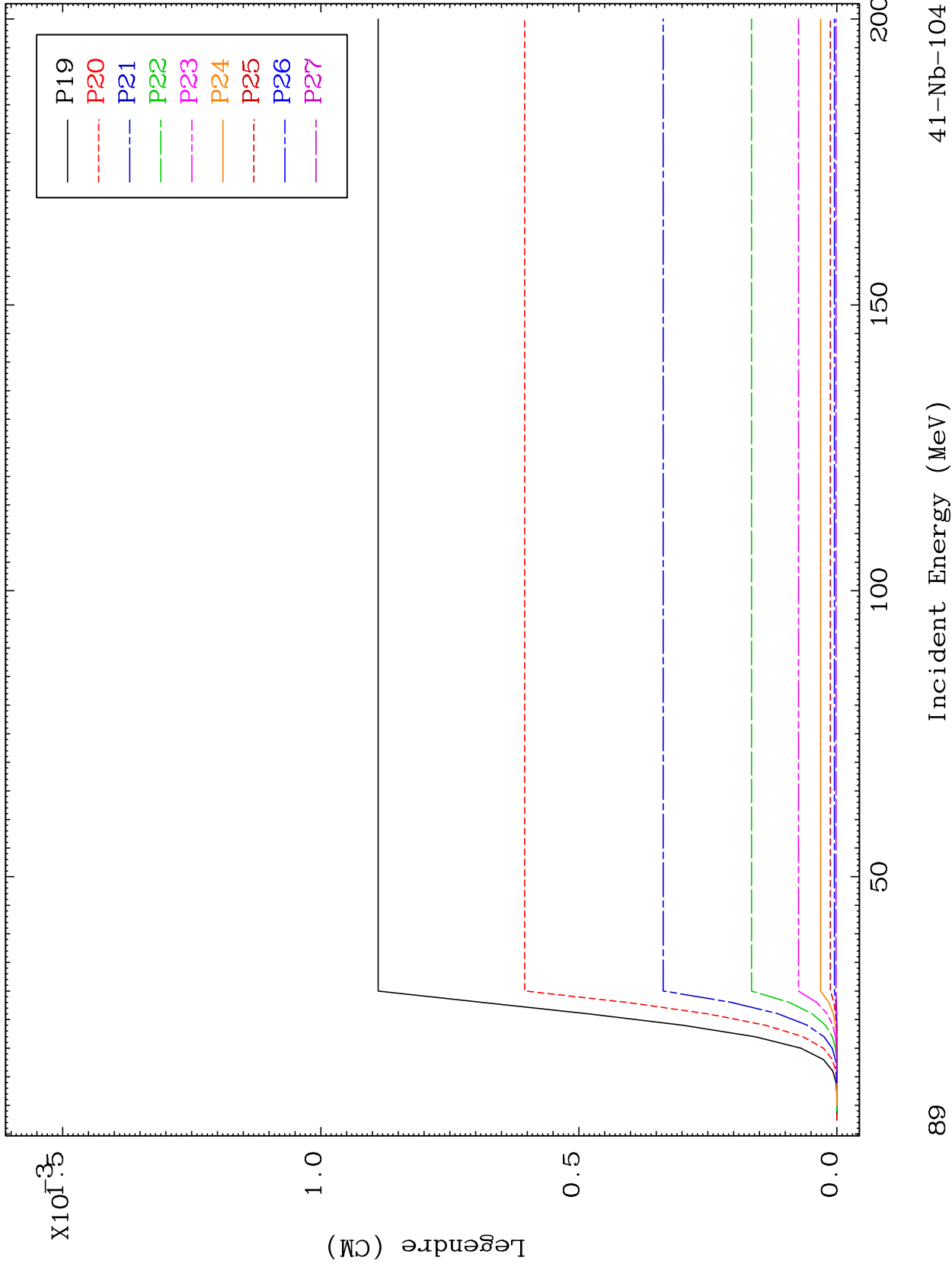
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

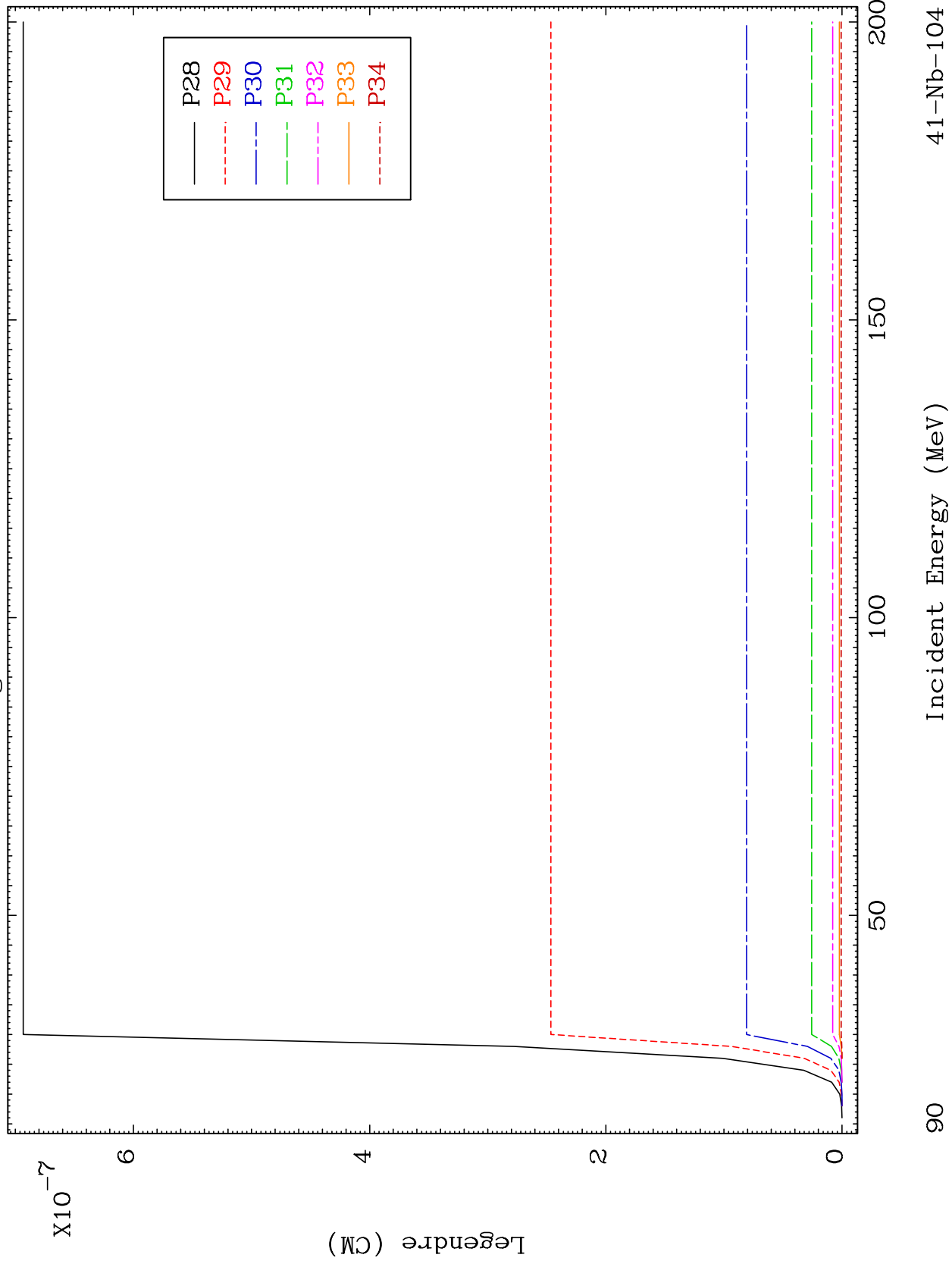
41-Nb-104



MAT 4158

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

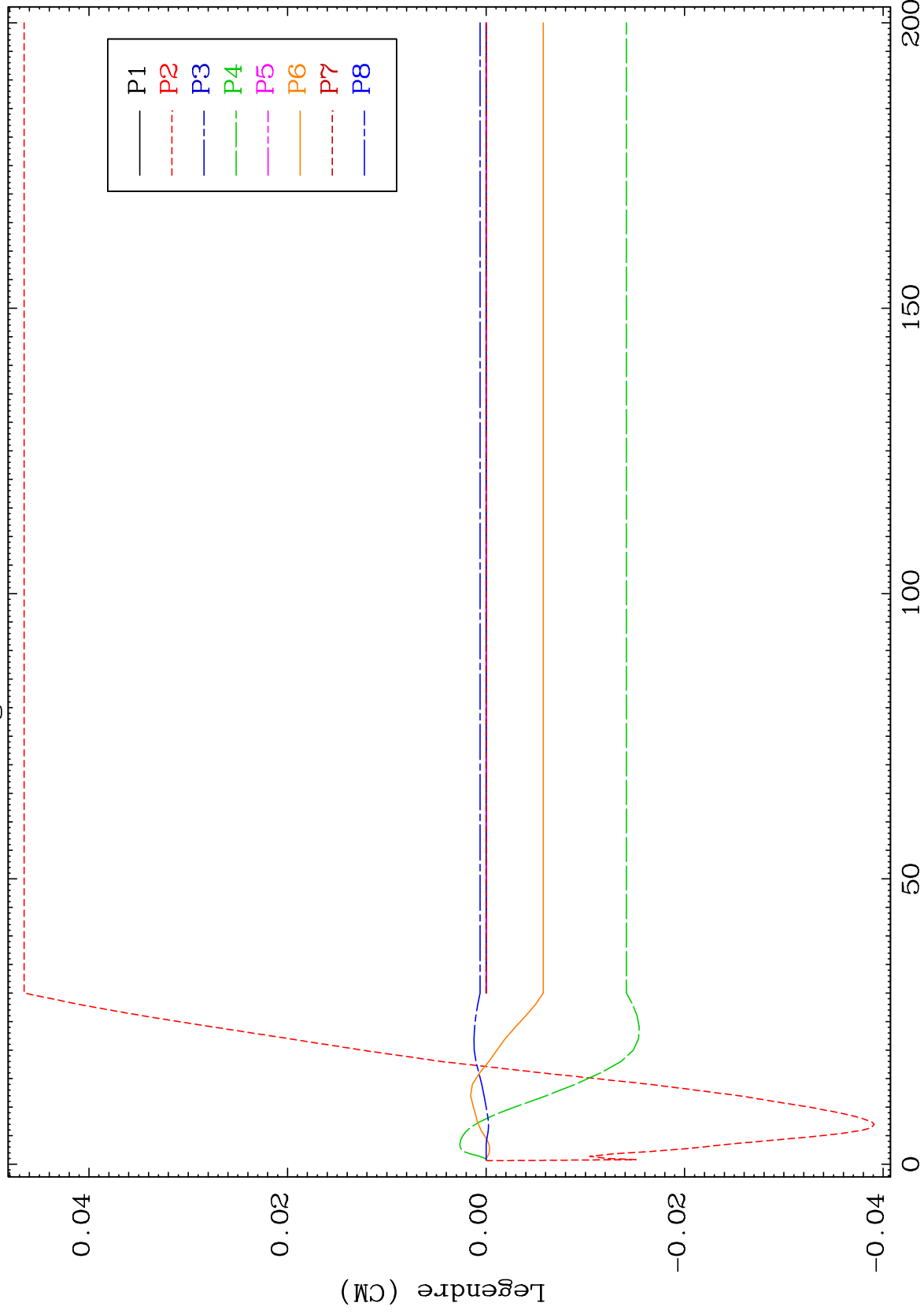
41-Nb-104



MAT 4158

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

41-Nb-104



91

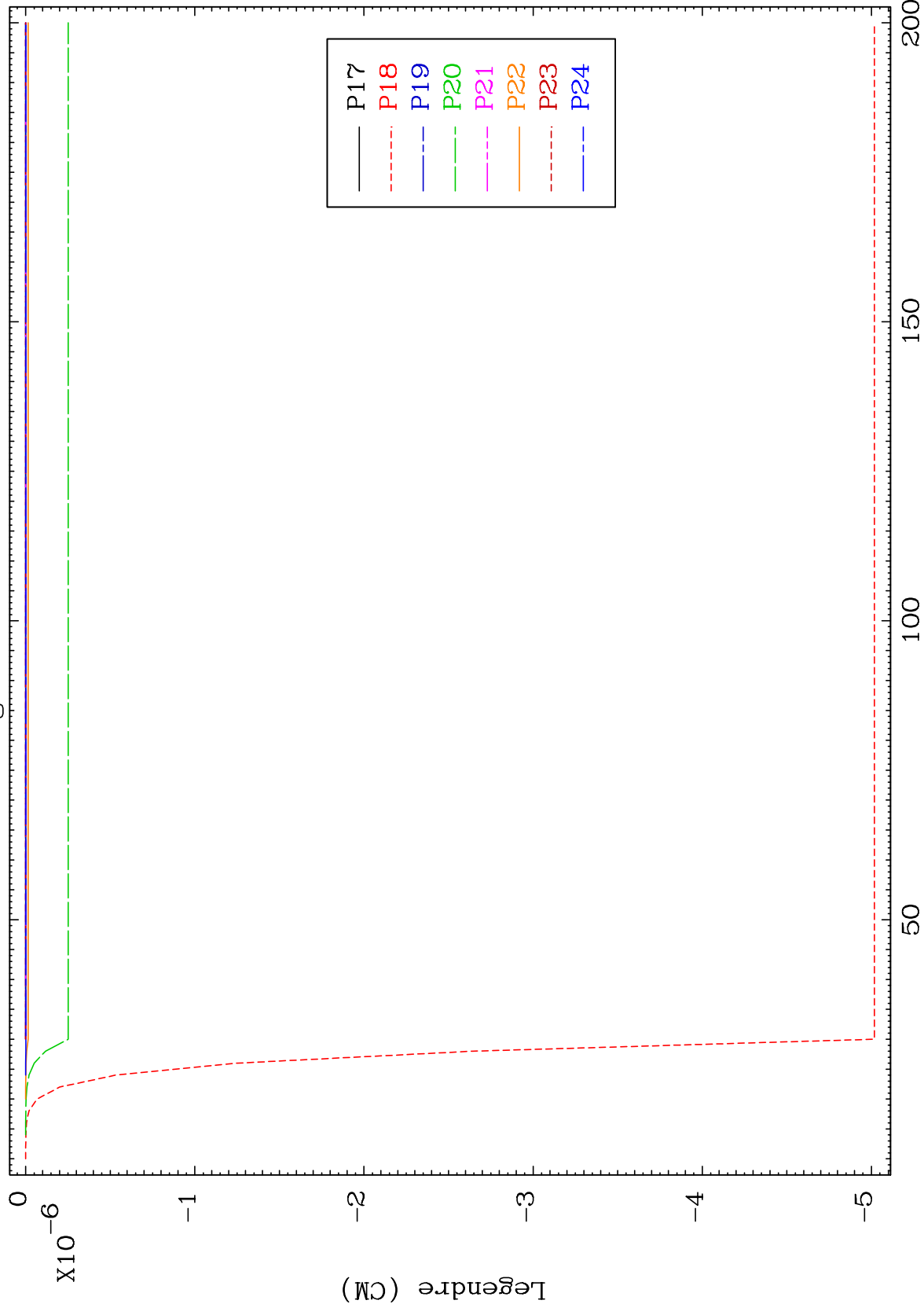
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

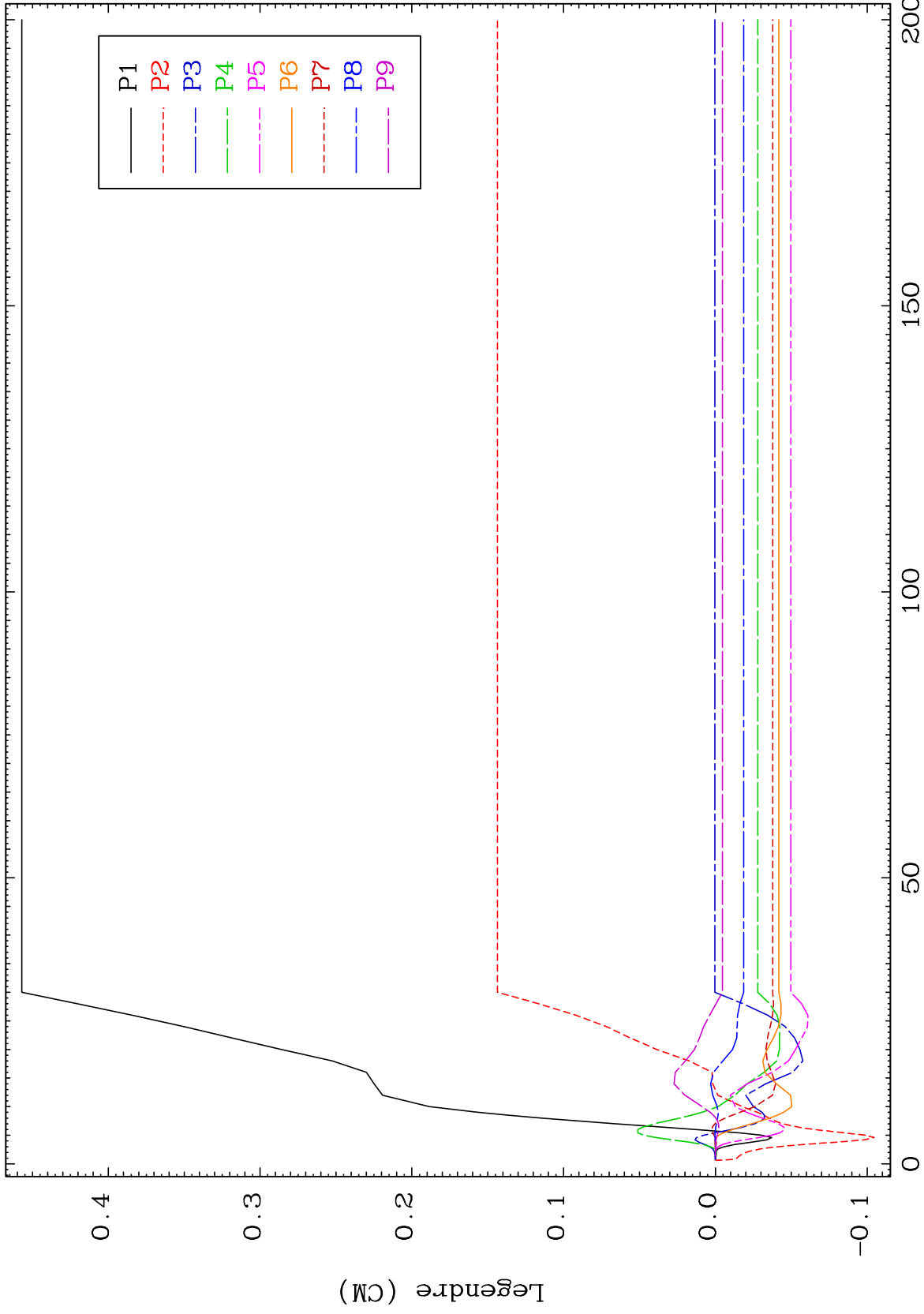
41-Nb-104



MAT 4158

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

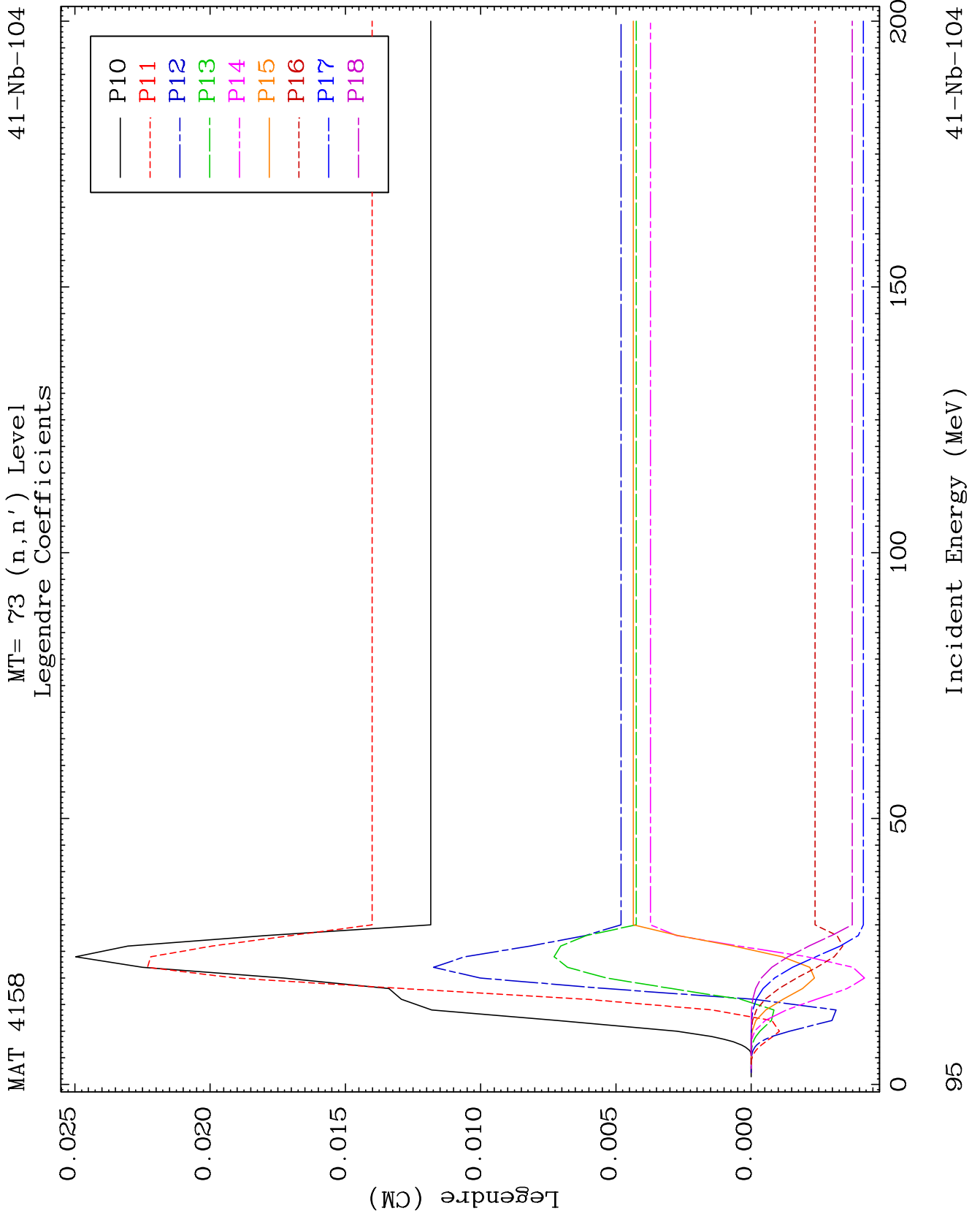
41-Nb-104

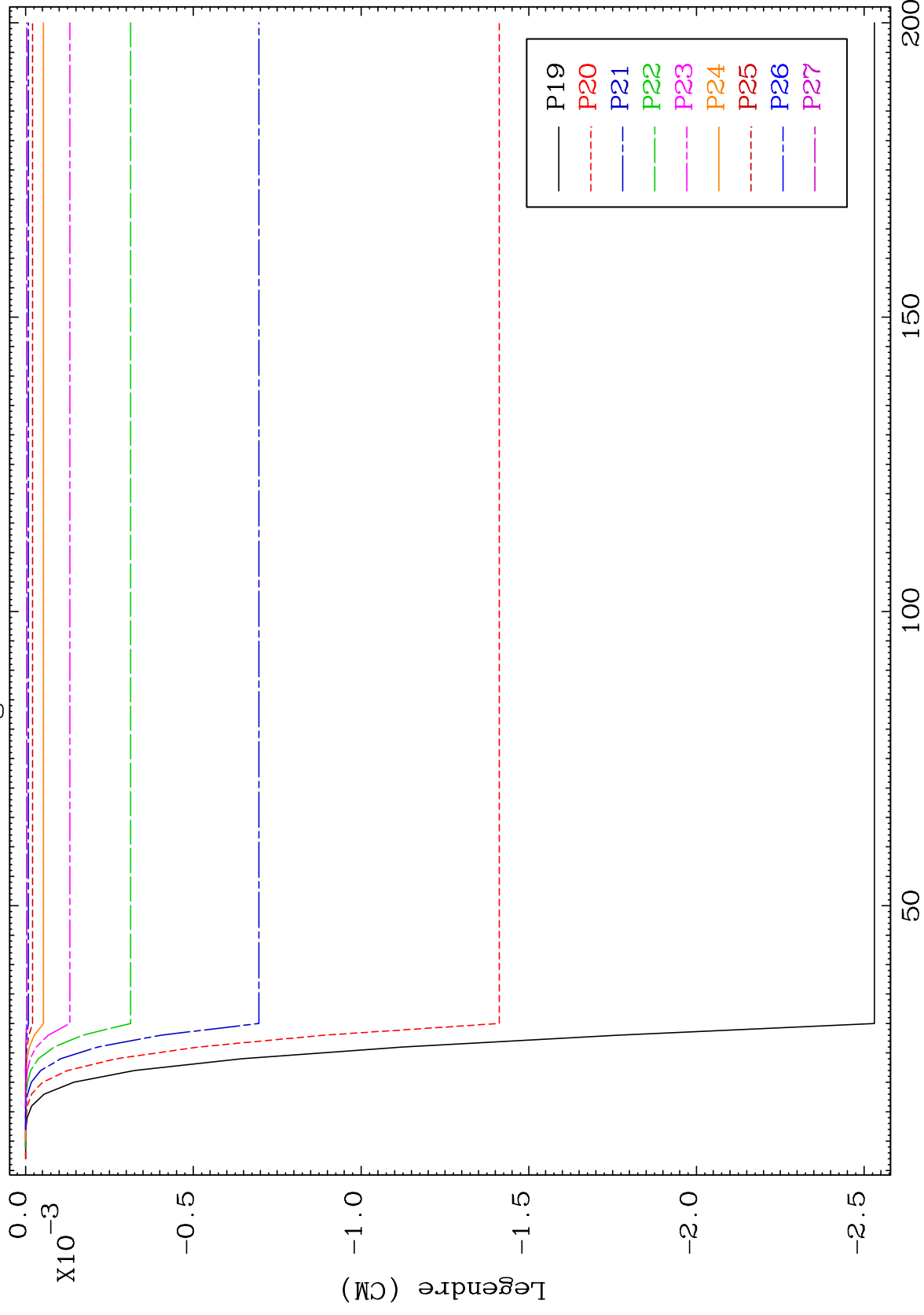


94

Incident Energy (MeV)

41-Nb-104



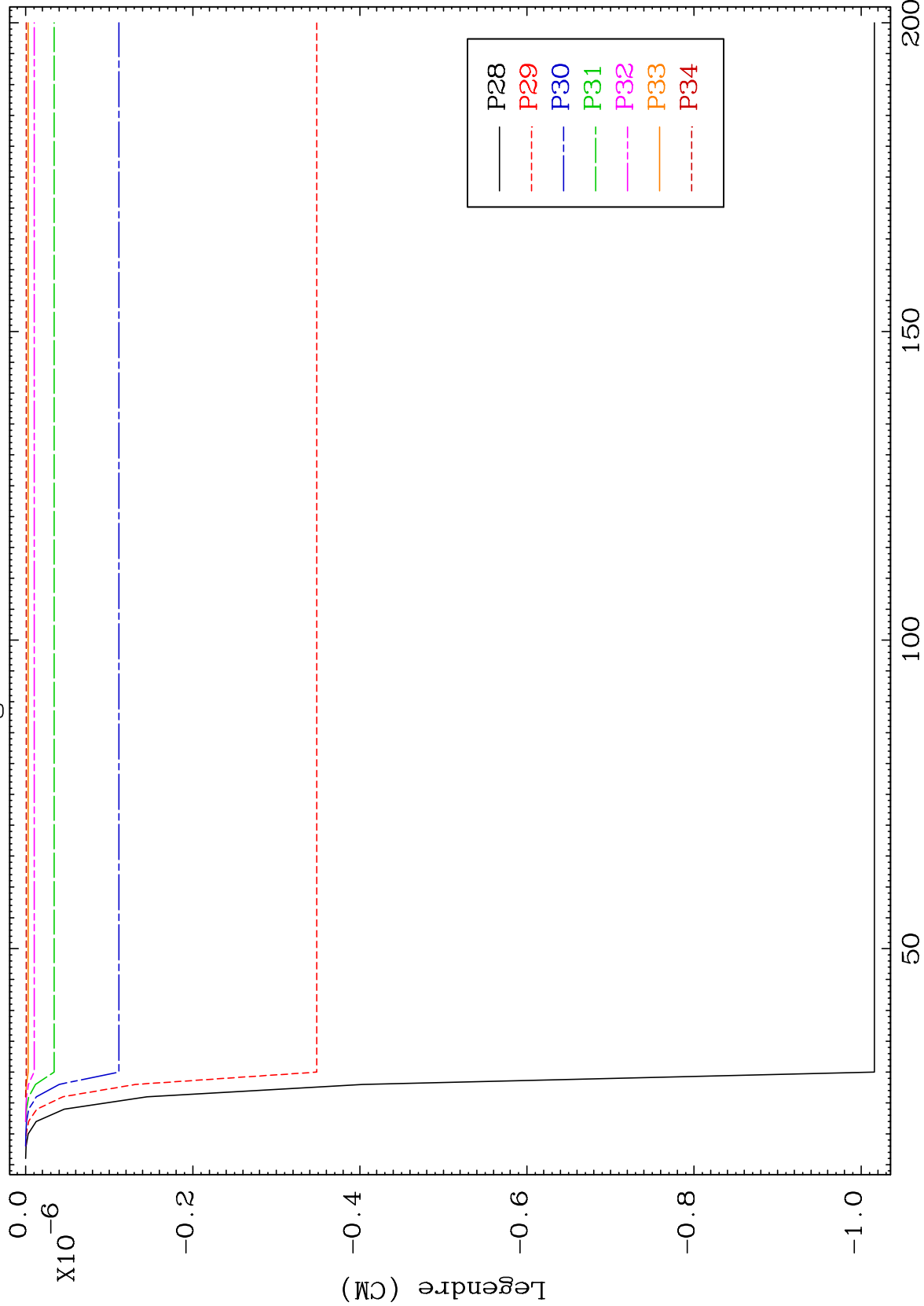


MAT 4158

MT= 73 (n,n') Level

41-Nb-104

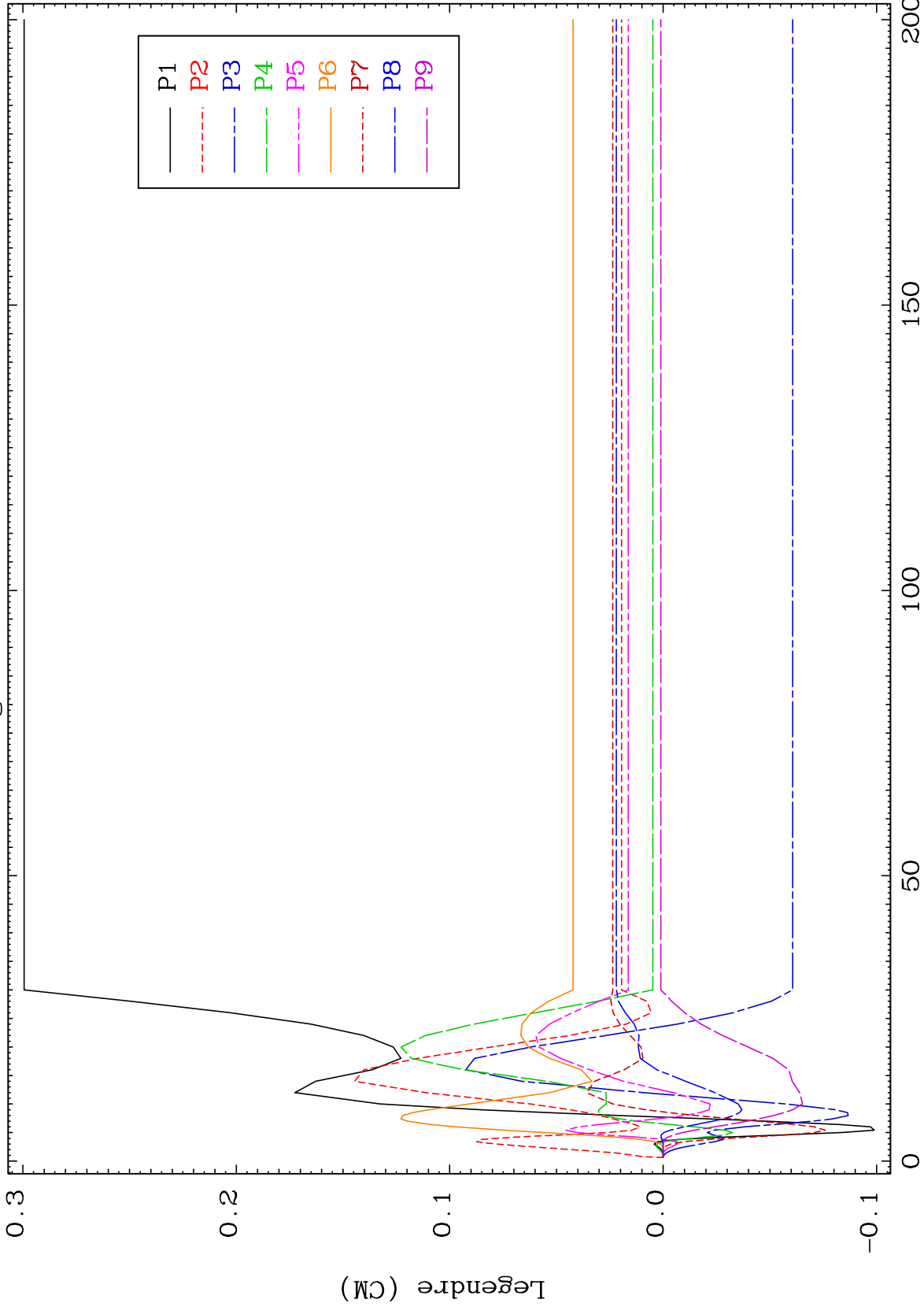
Legendre Coefficients



MAT 4158

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

41-Nb-104



98

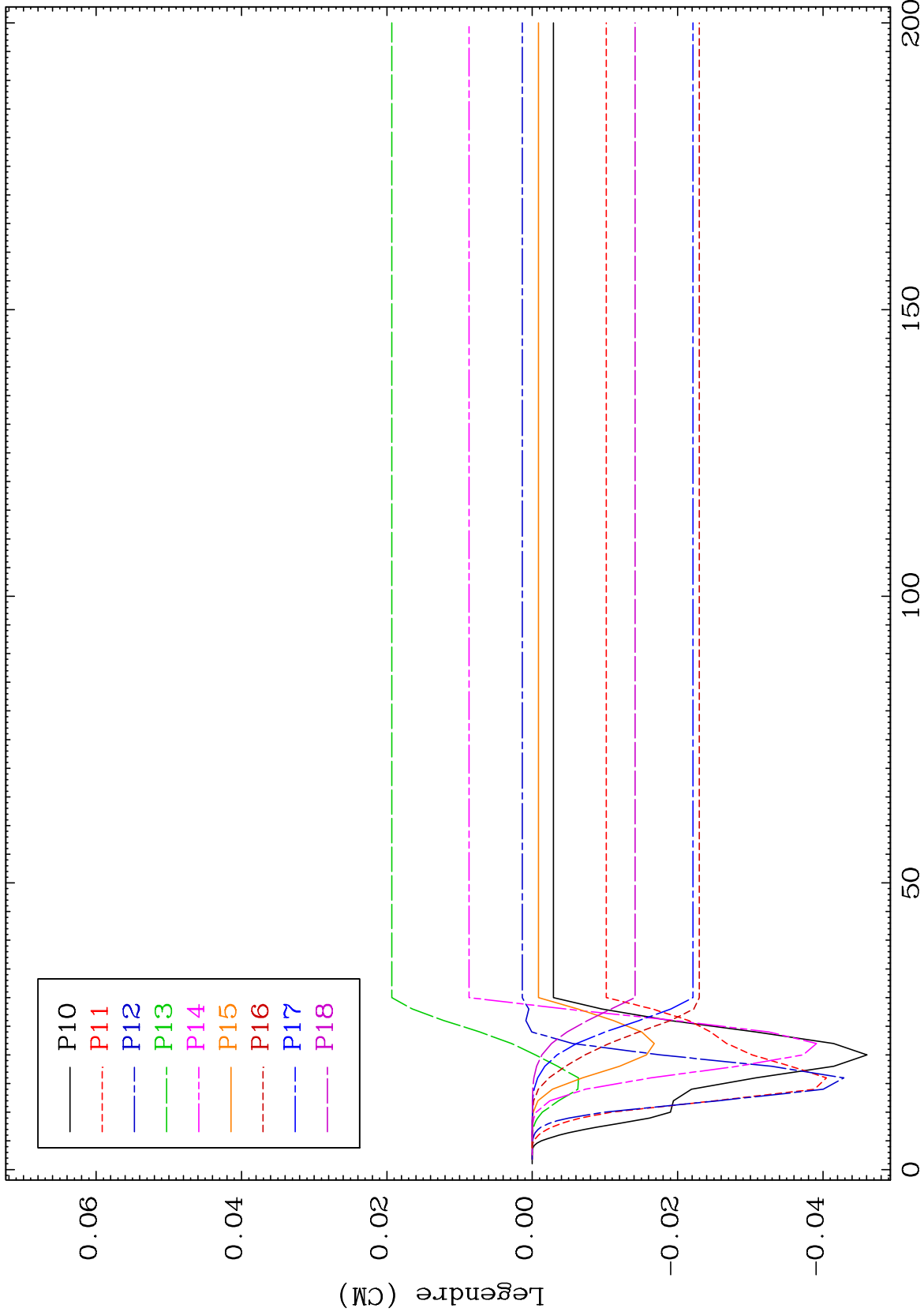
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

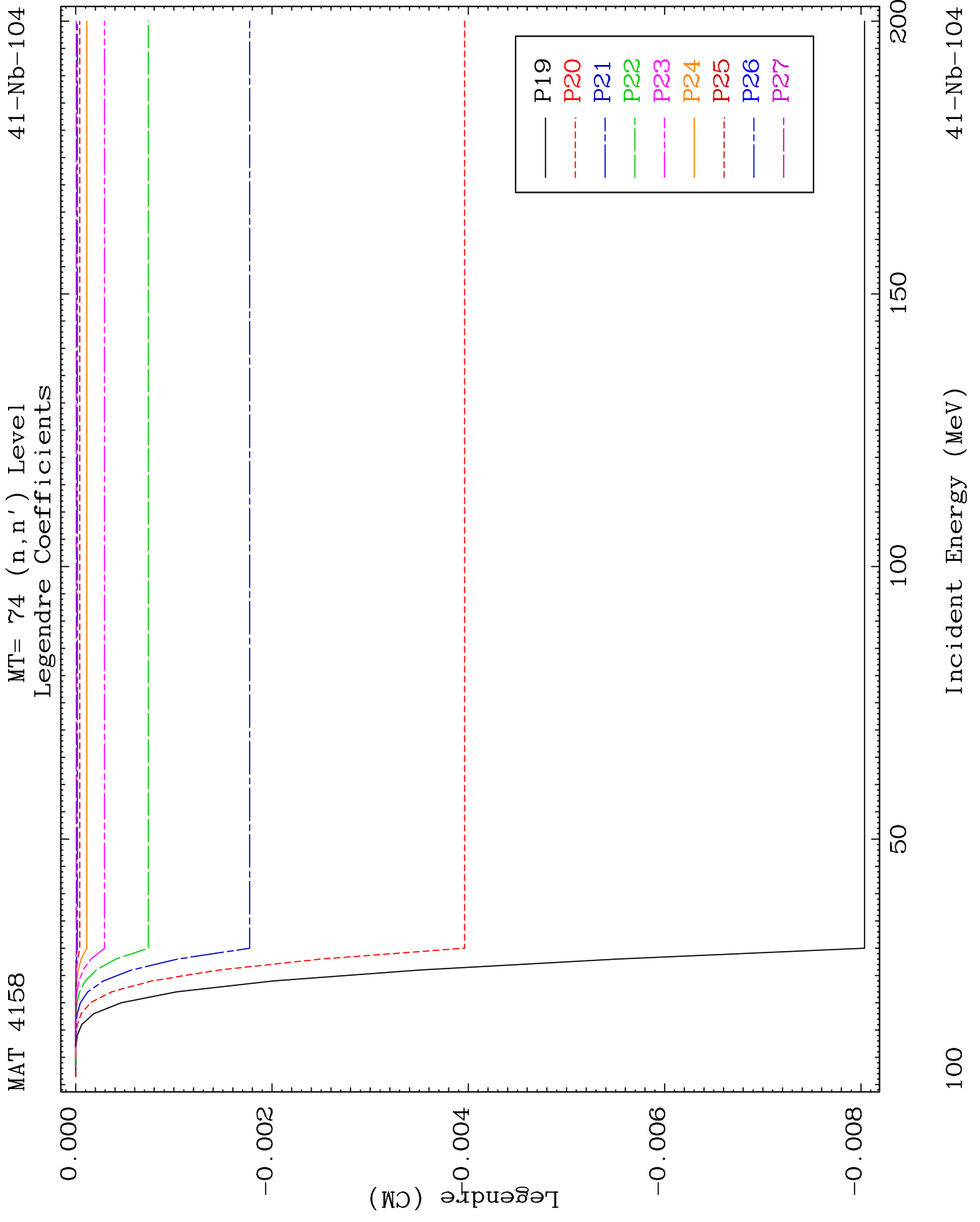
41-Nb-104

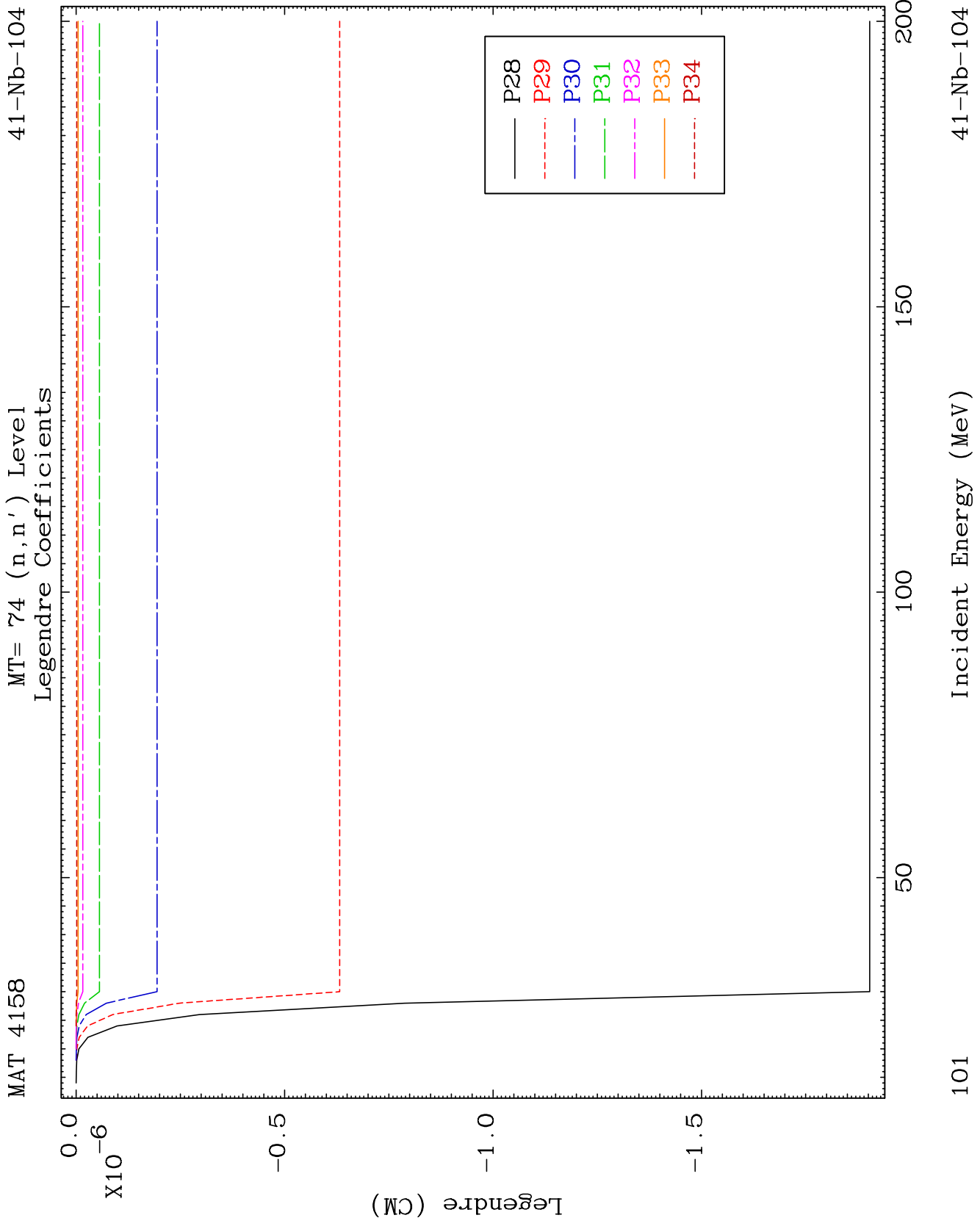


99

Incident Energy (MeV)

41-Nb-104

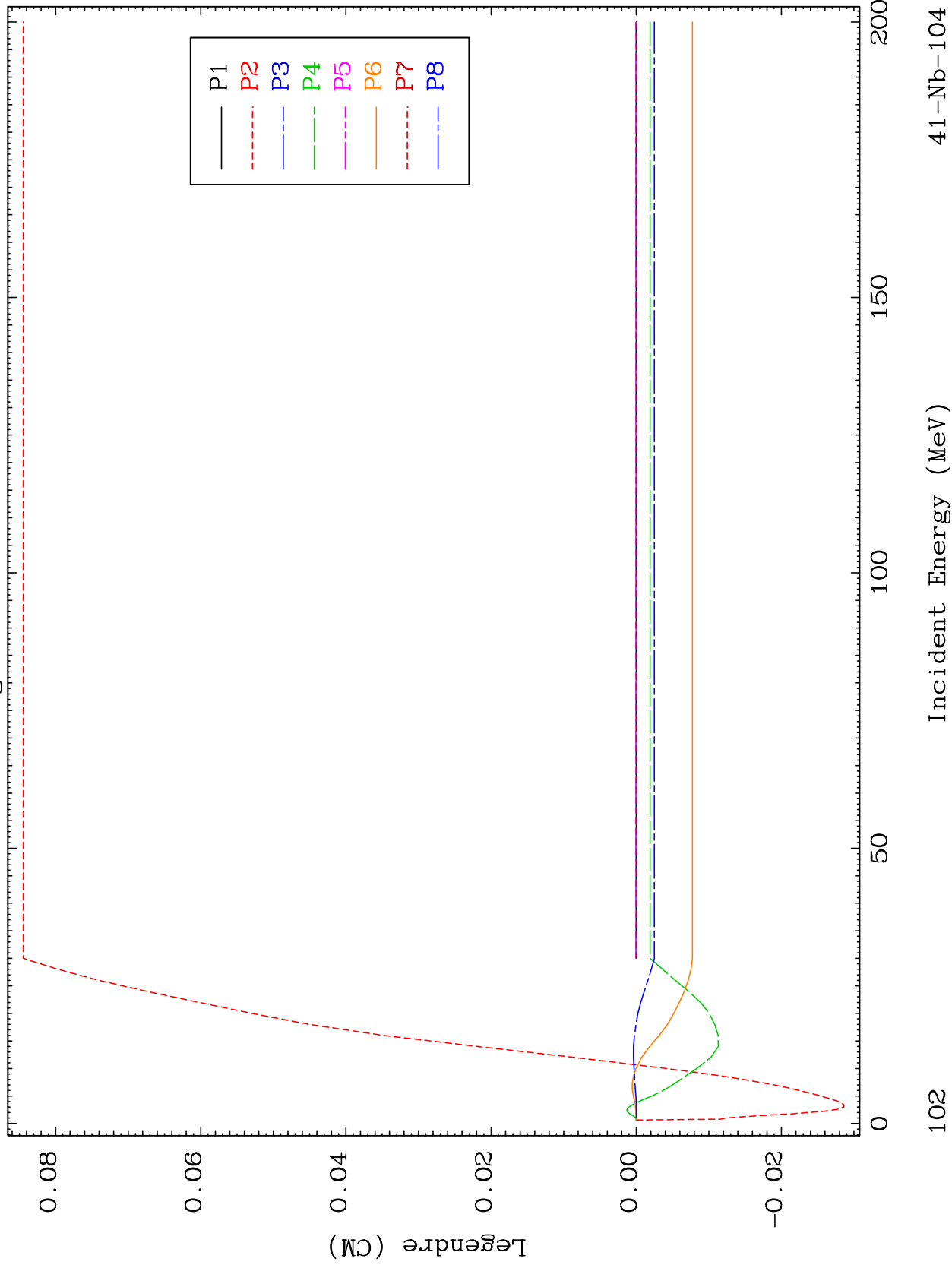




MAT 4158

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

41-Nb-104



41-Nb-104

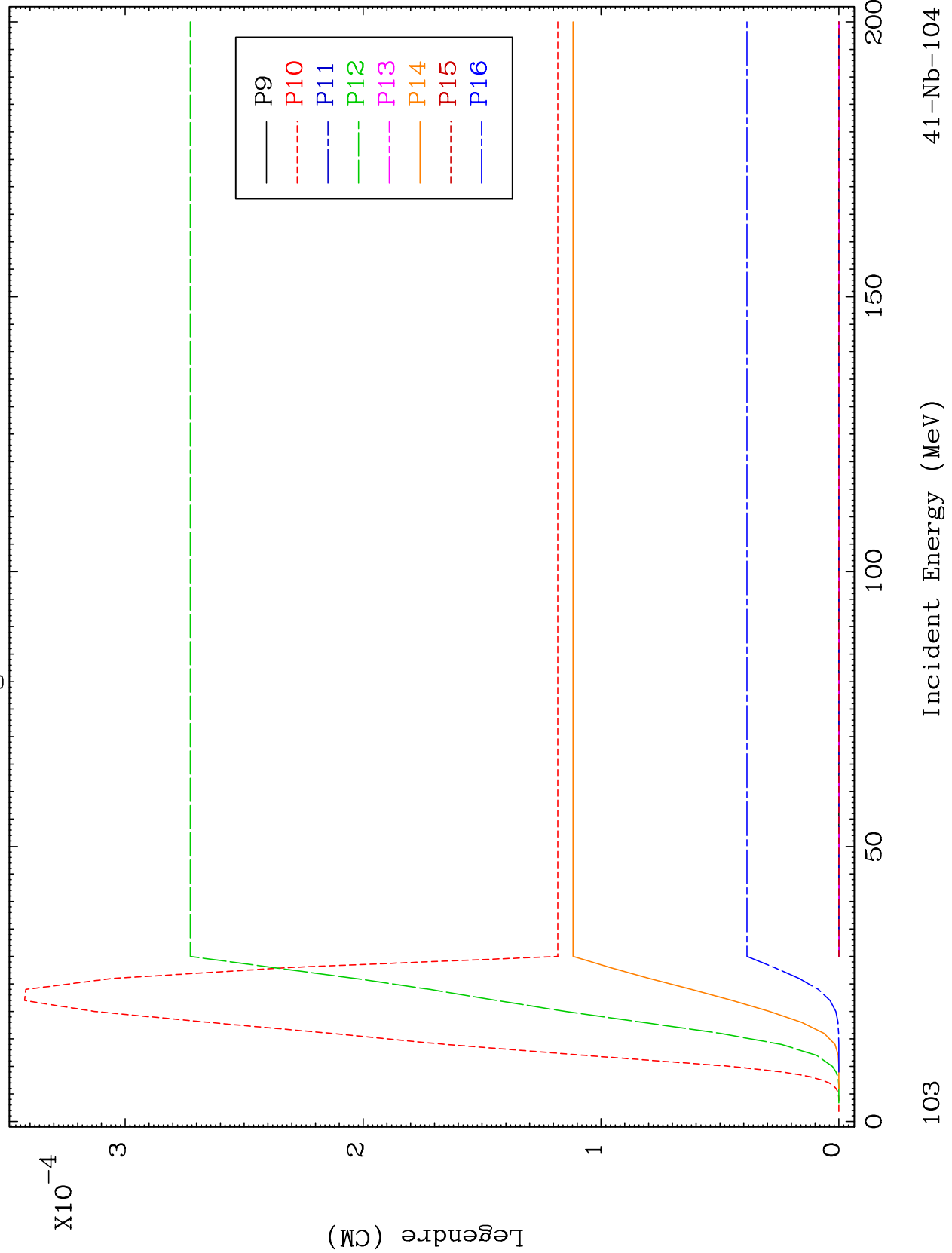
Incident Energy (MeV)

102

MAT 4158

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

41-Nb-104



41-Nb-104

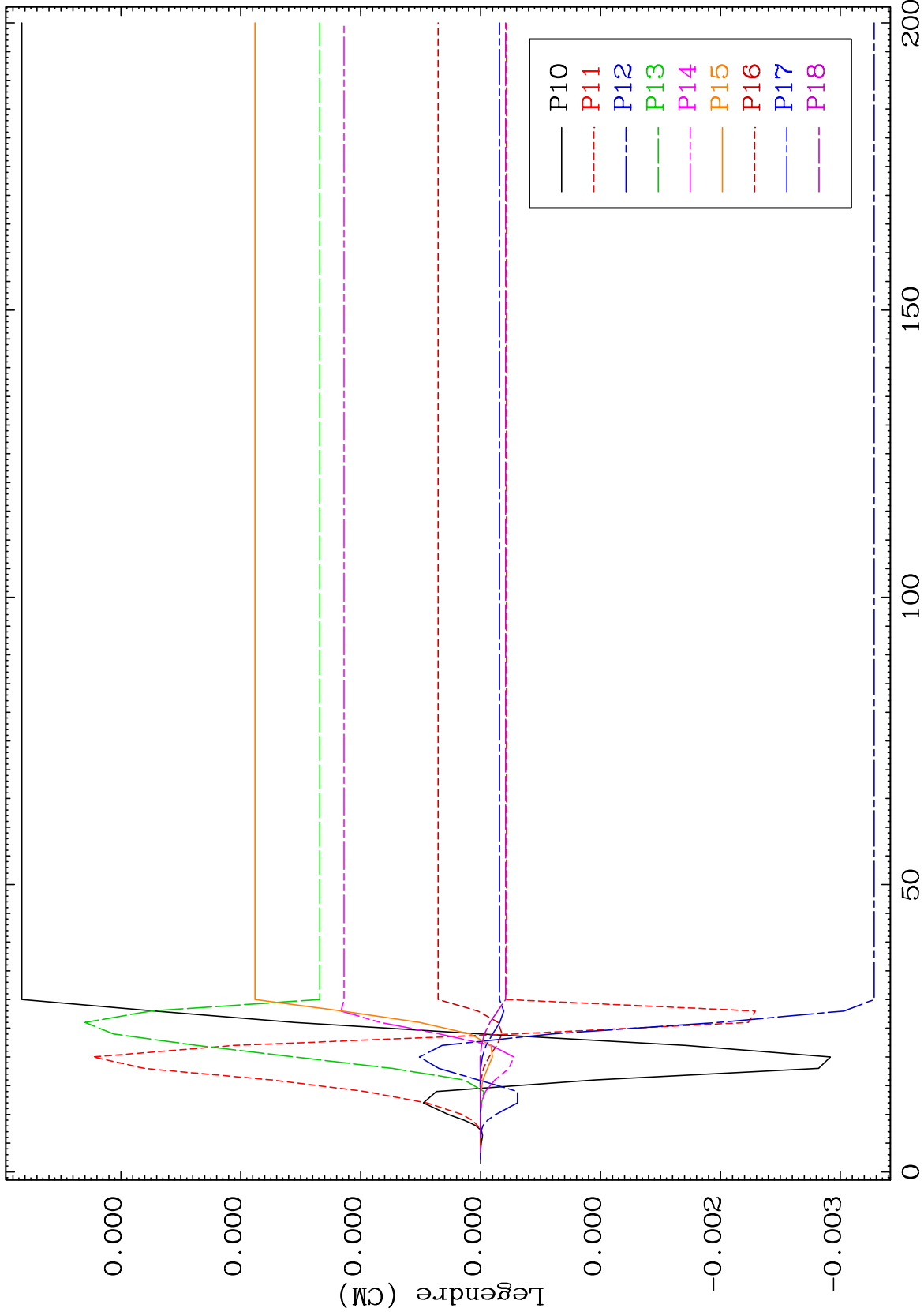
Incident Energy (MeV)

103

MAT 4158

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

41-Nb-104



106

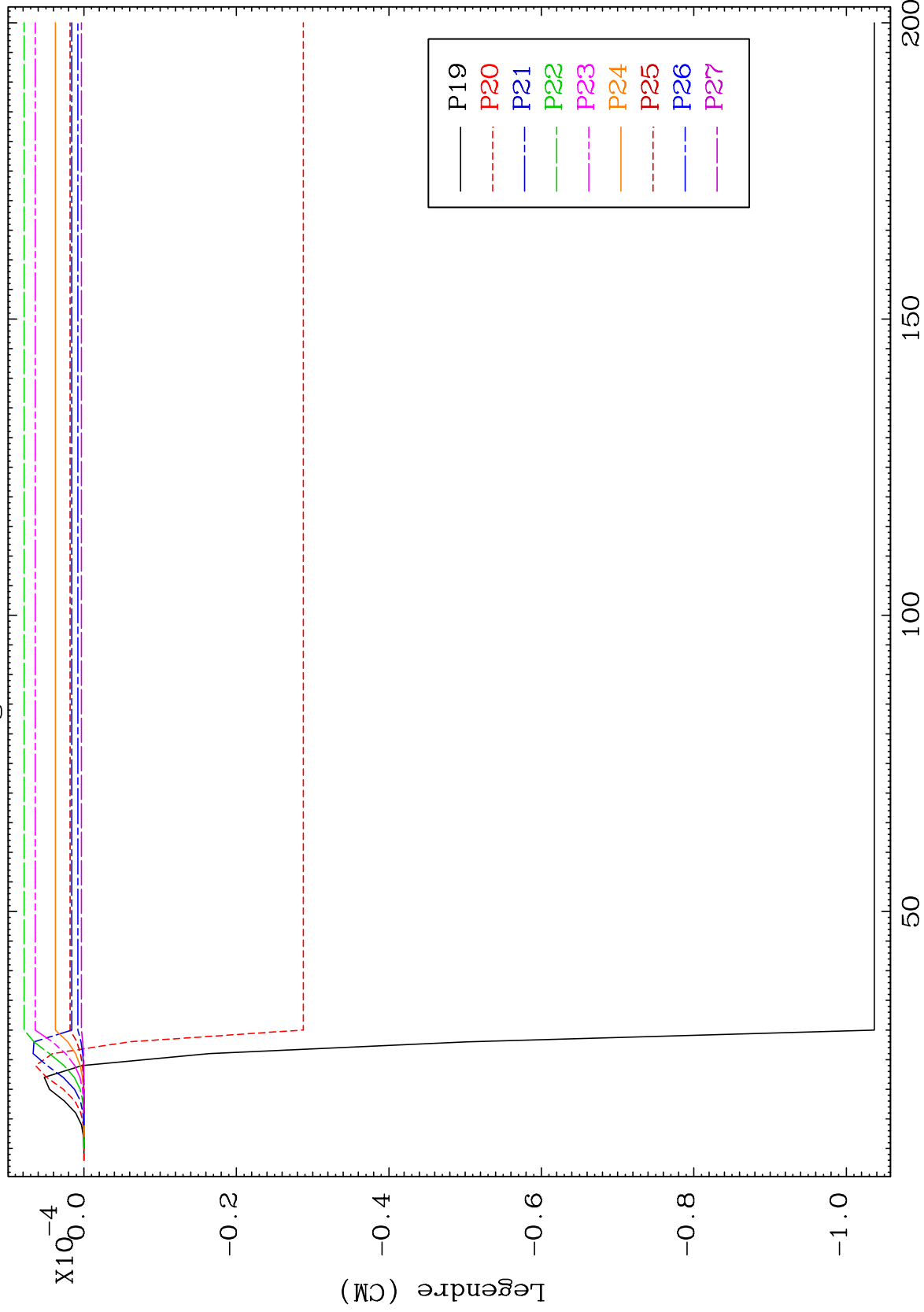
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



107

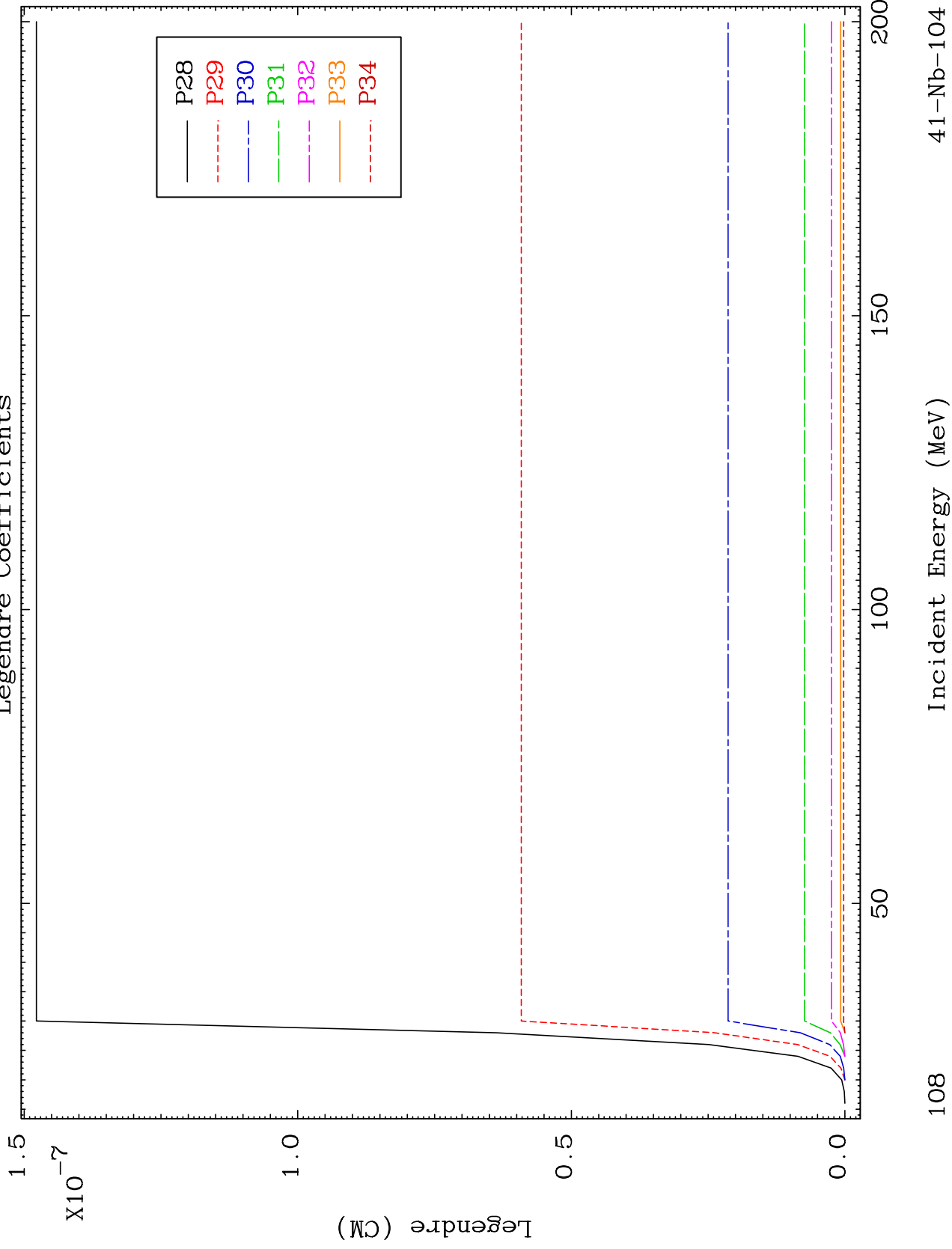
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104

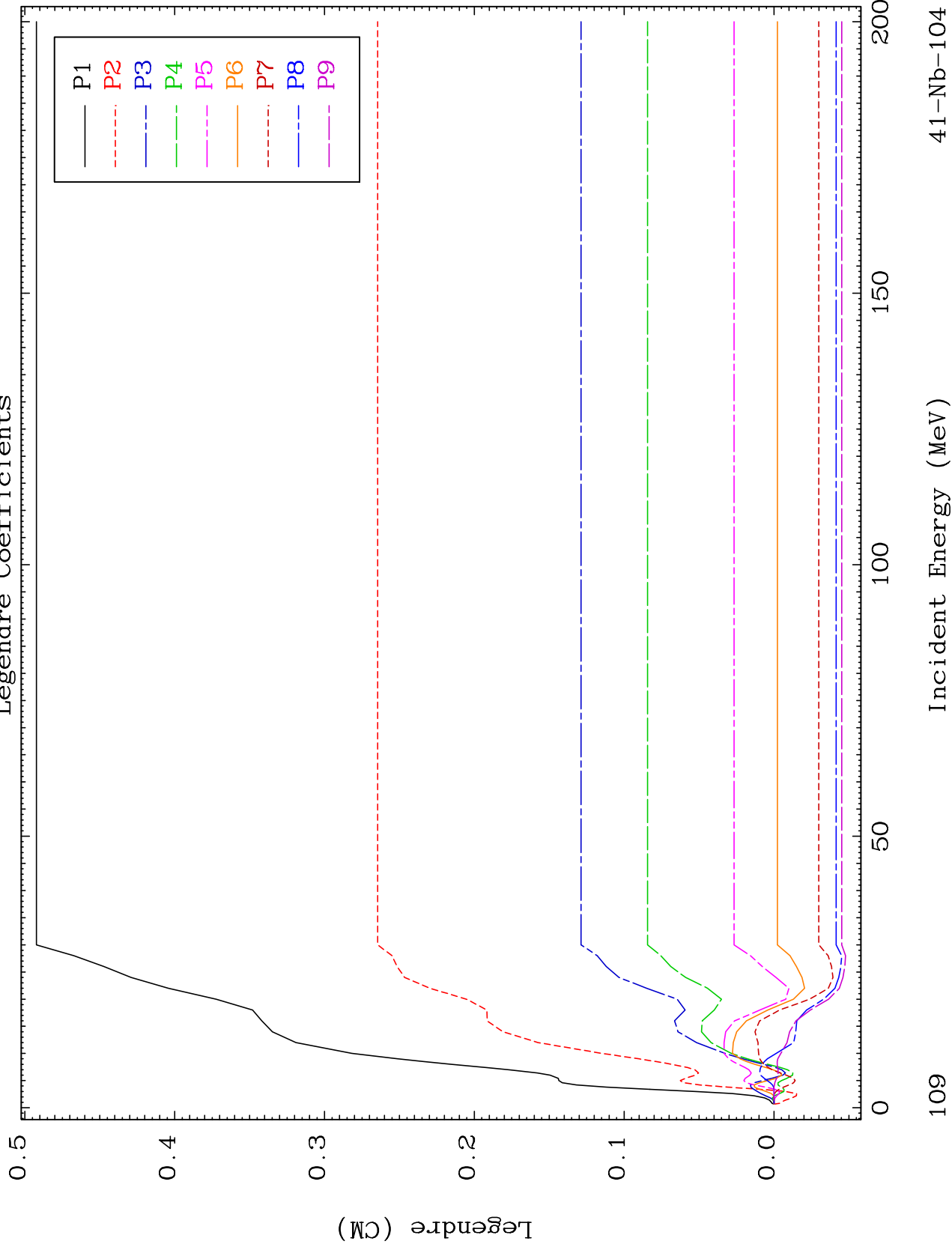


MAT 4158

MT= 77 (n,n') Level

41-Nb-104

Legendre Coefficients



109

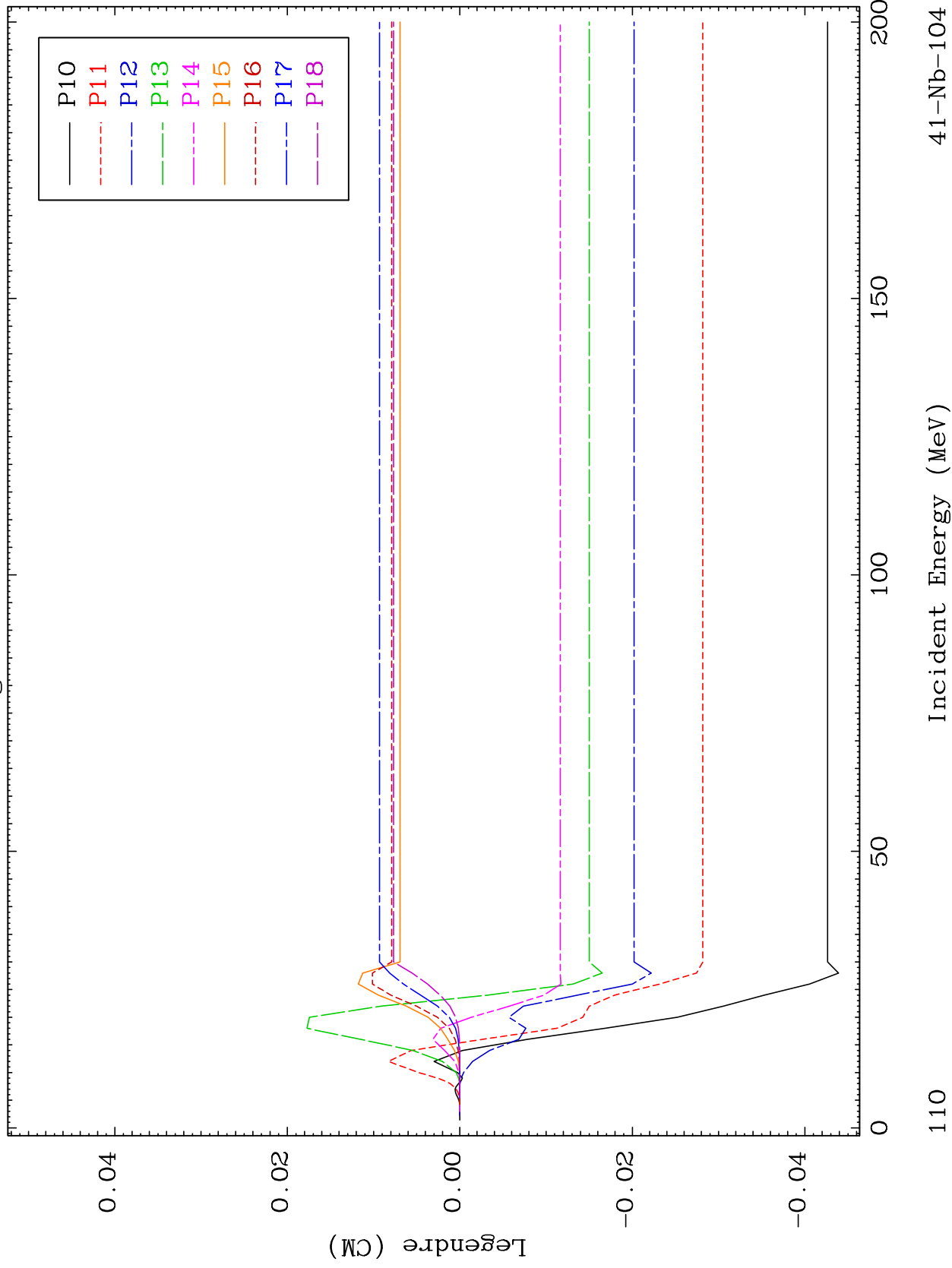
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



41-Nb-104

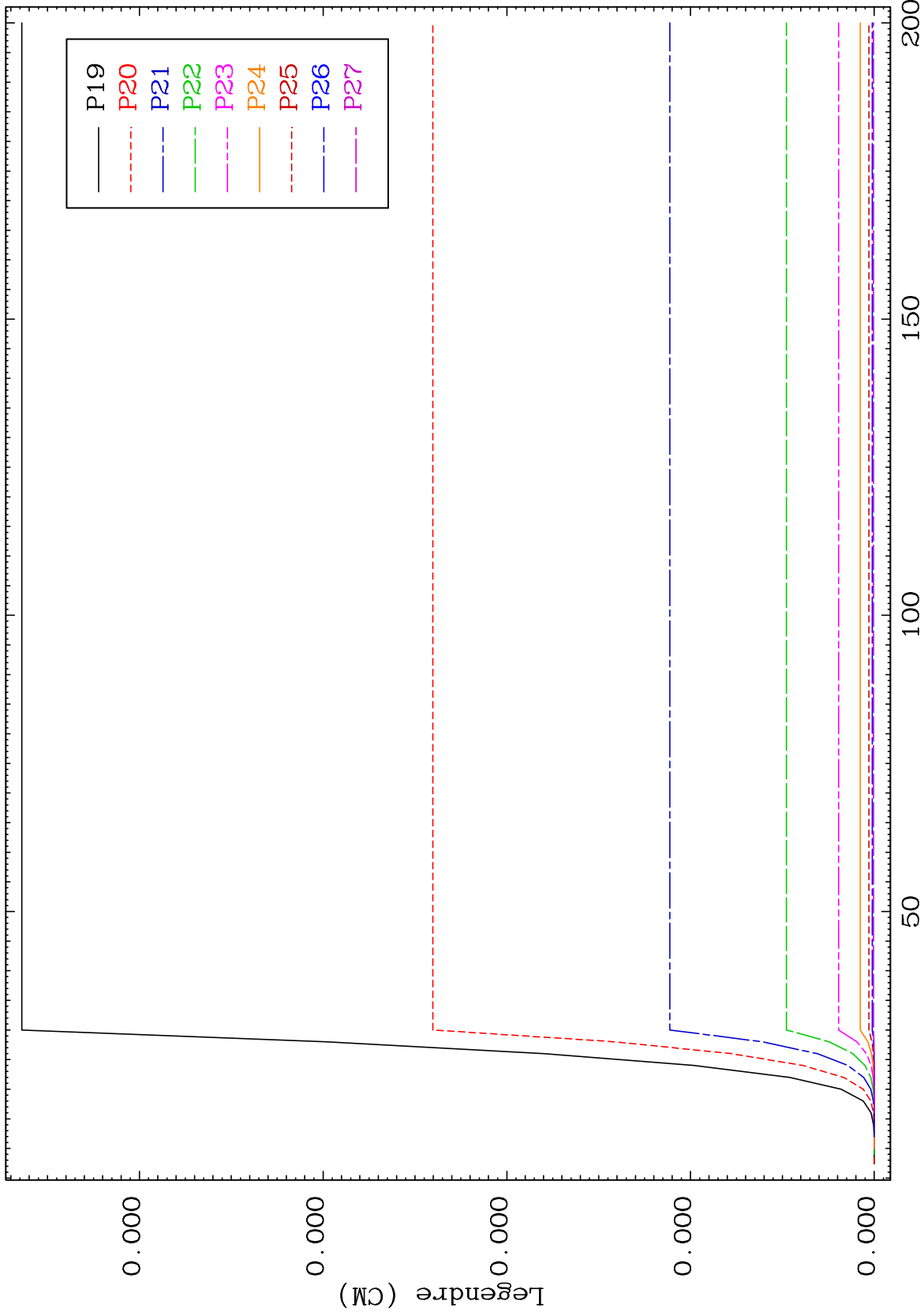
Incident Energy (MeV)

110

MAT 4158

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

41-Nb-104



111

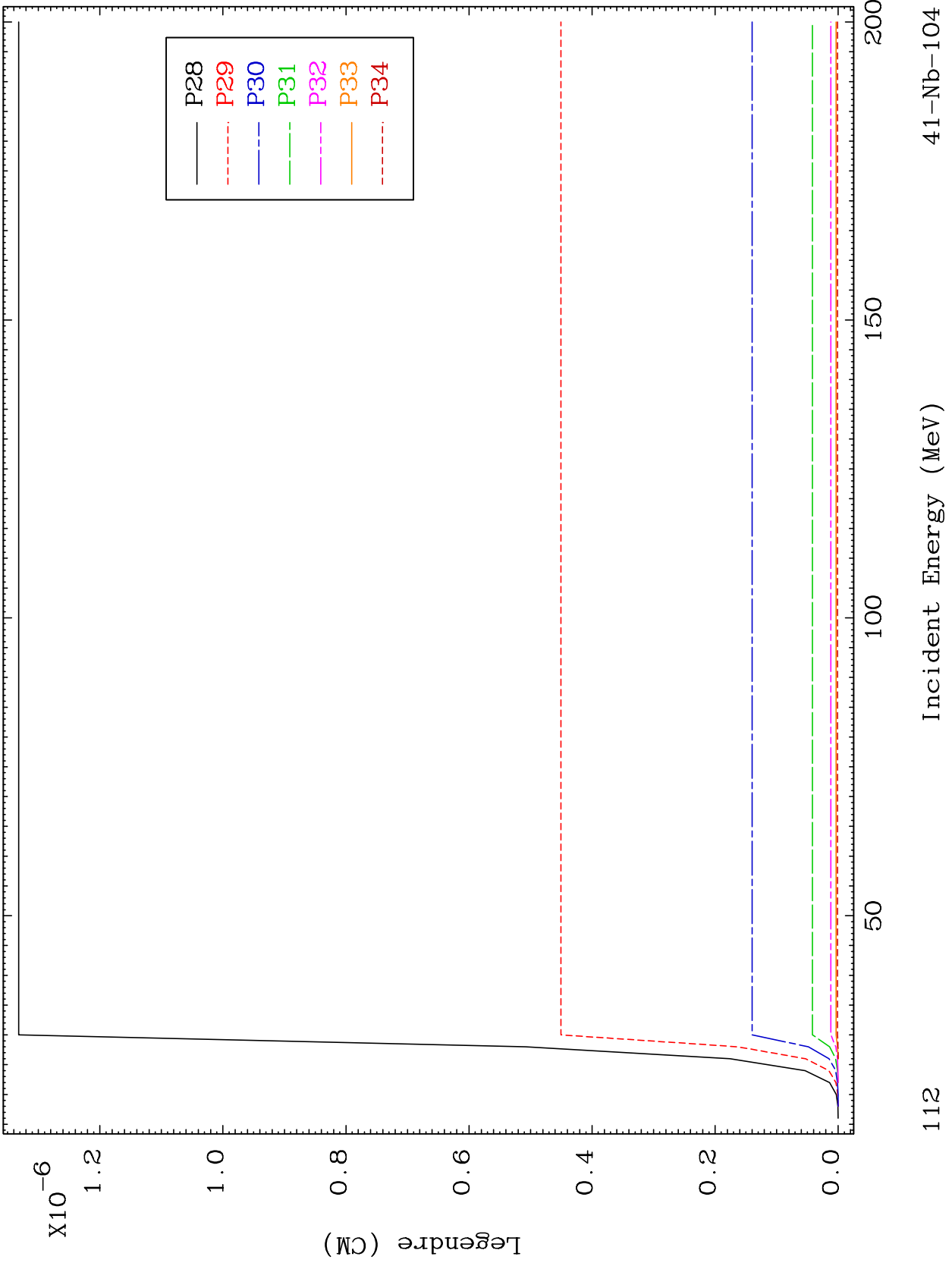
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104

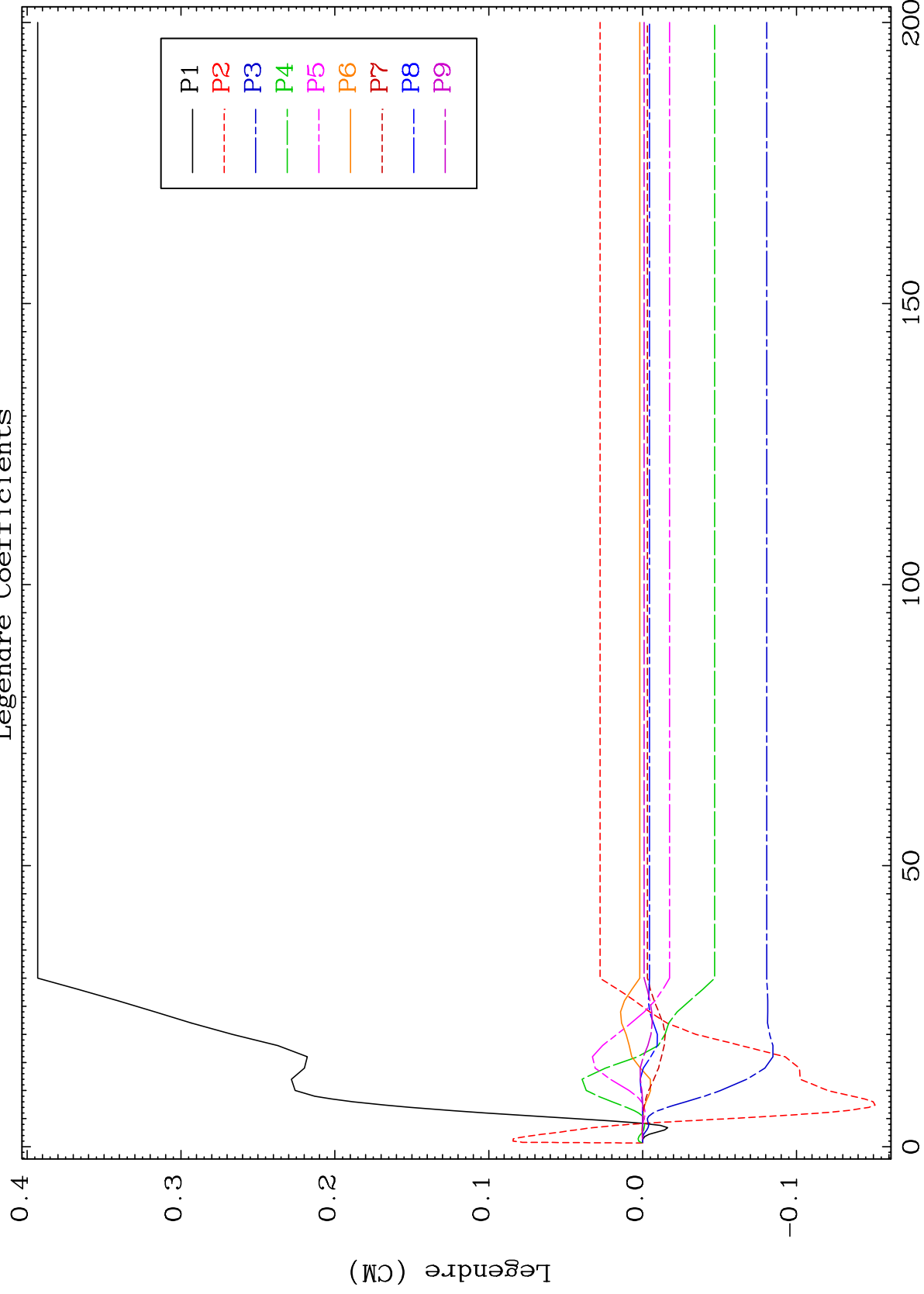


112

MAT 4158

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

41-Nb-104



113

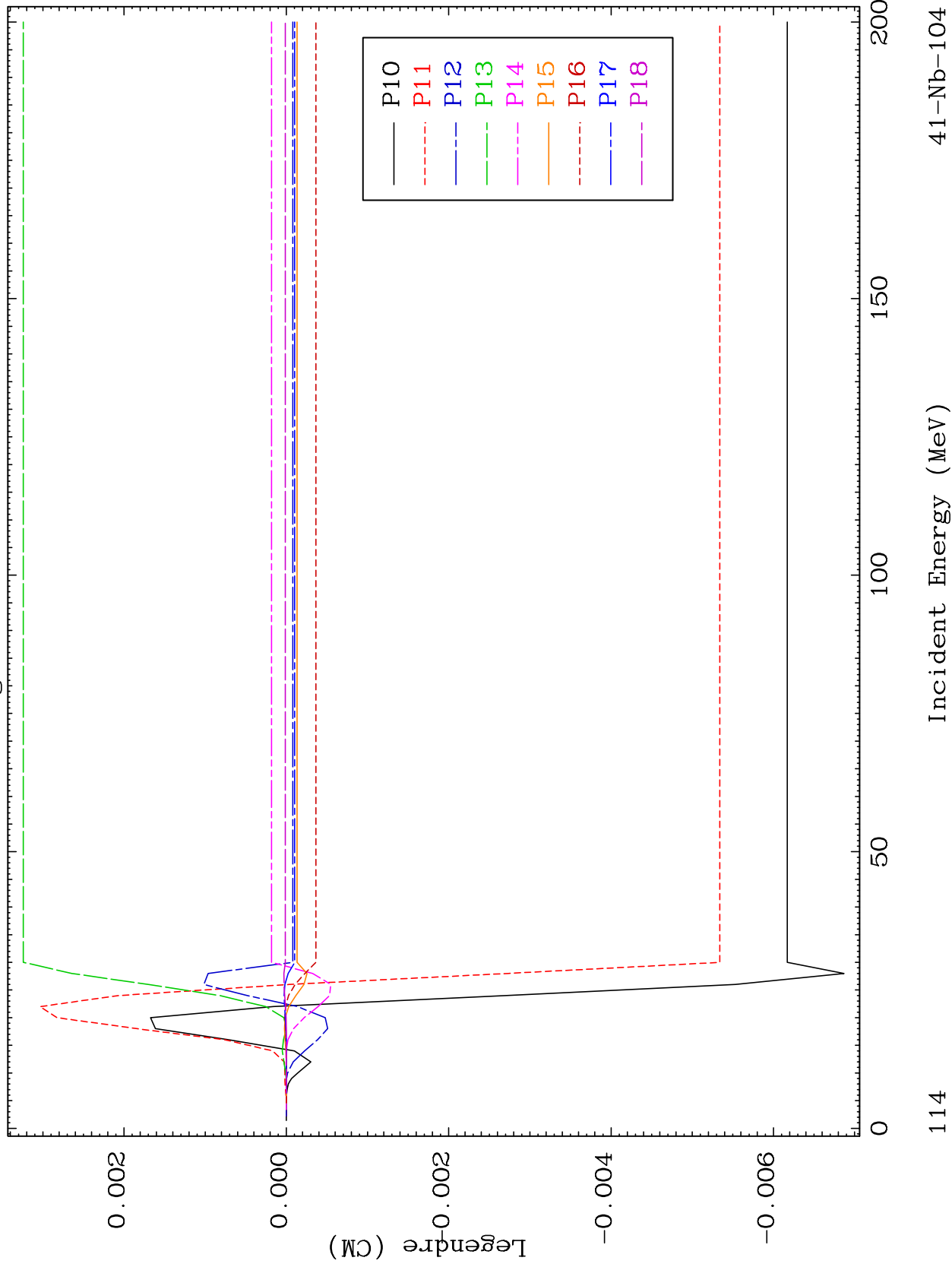
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



114

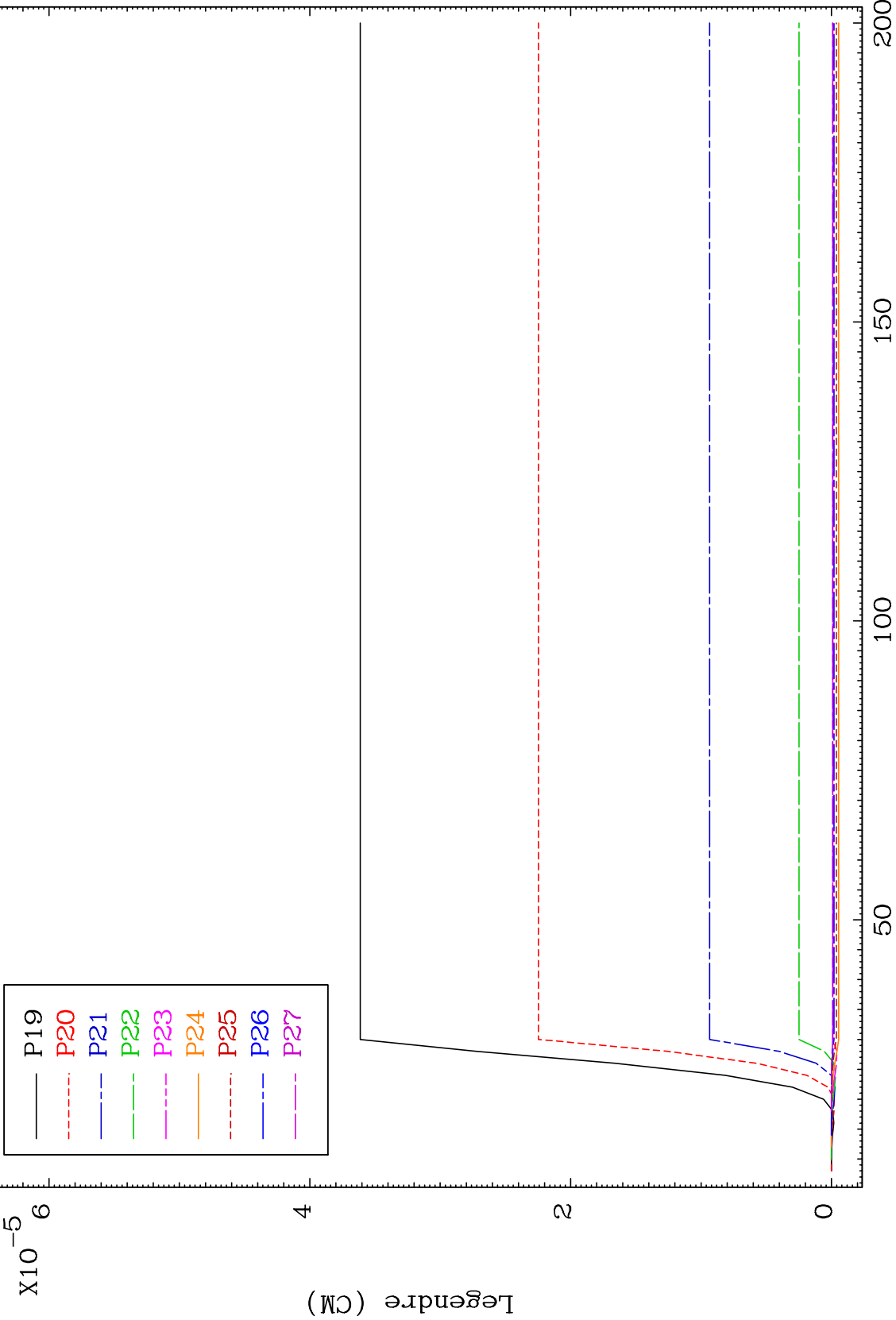
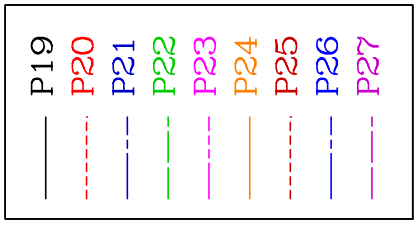
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

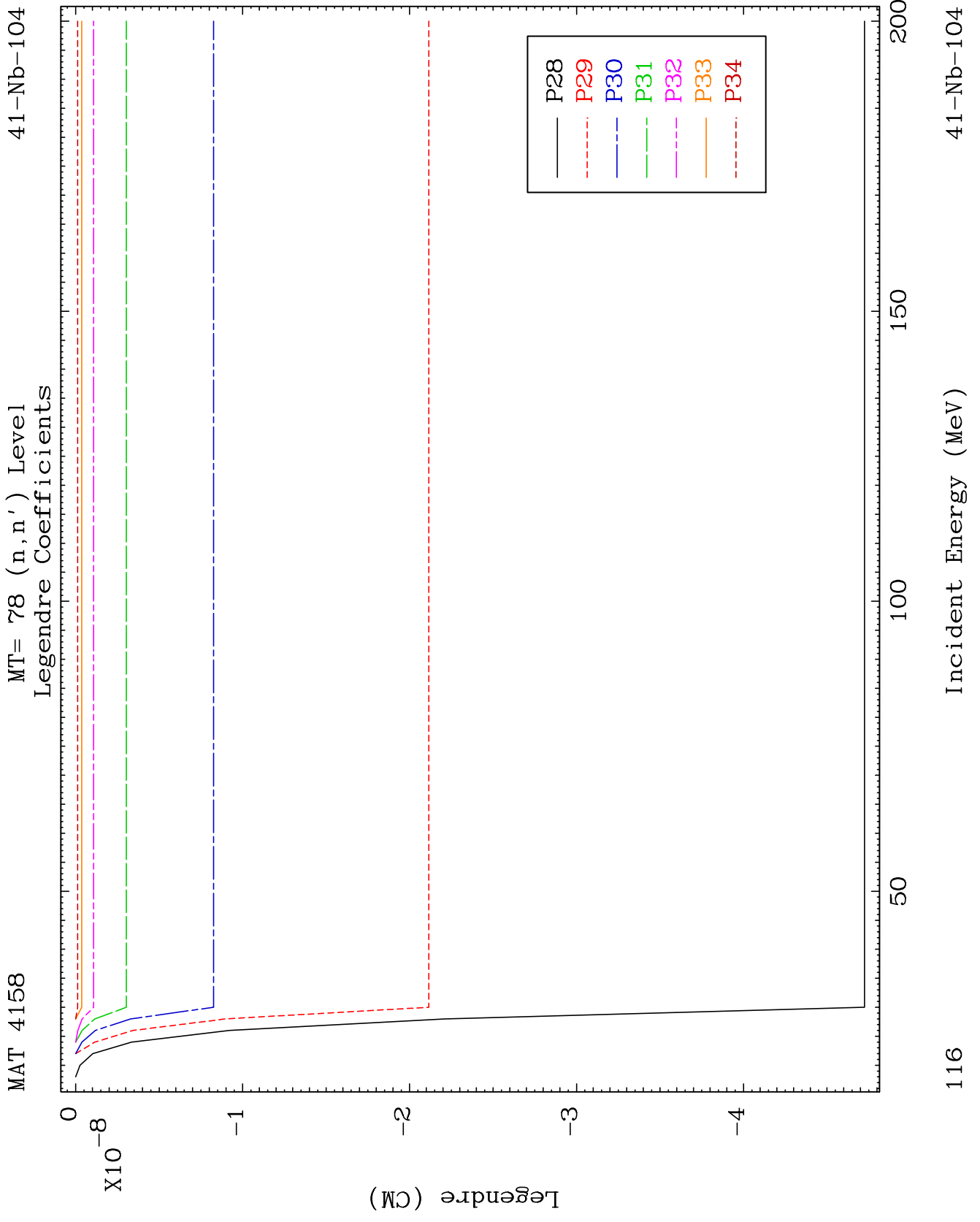
41-Nb-104

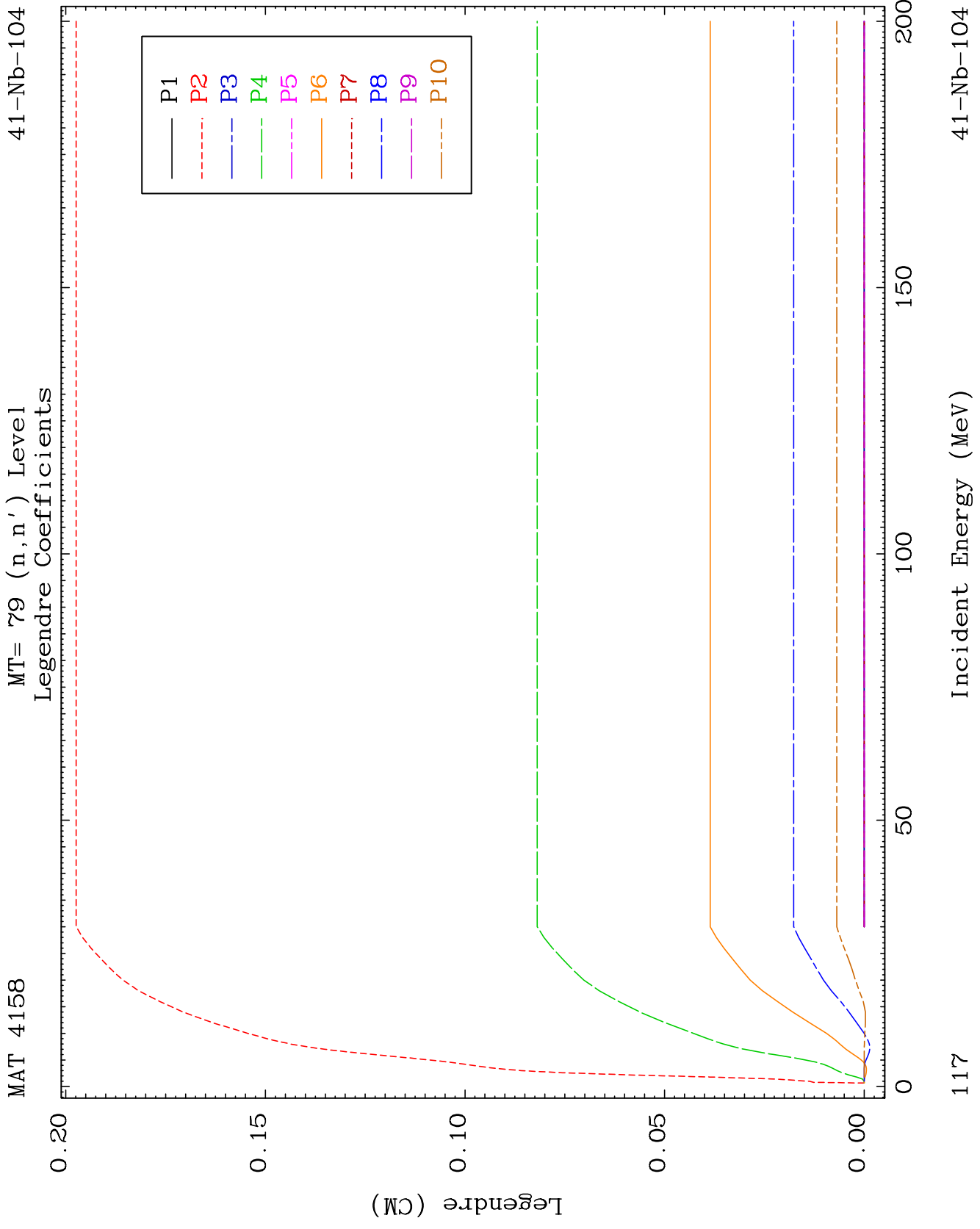


115

Incident Energy (MeV)

41-Nb-104

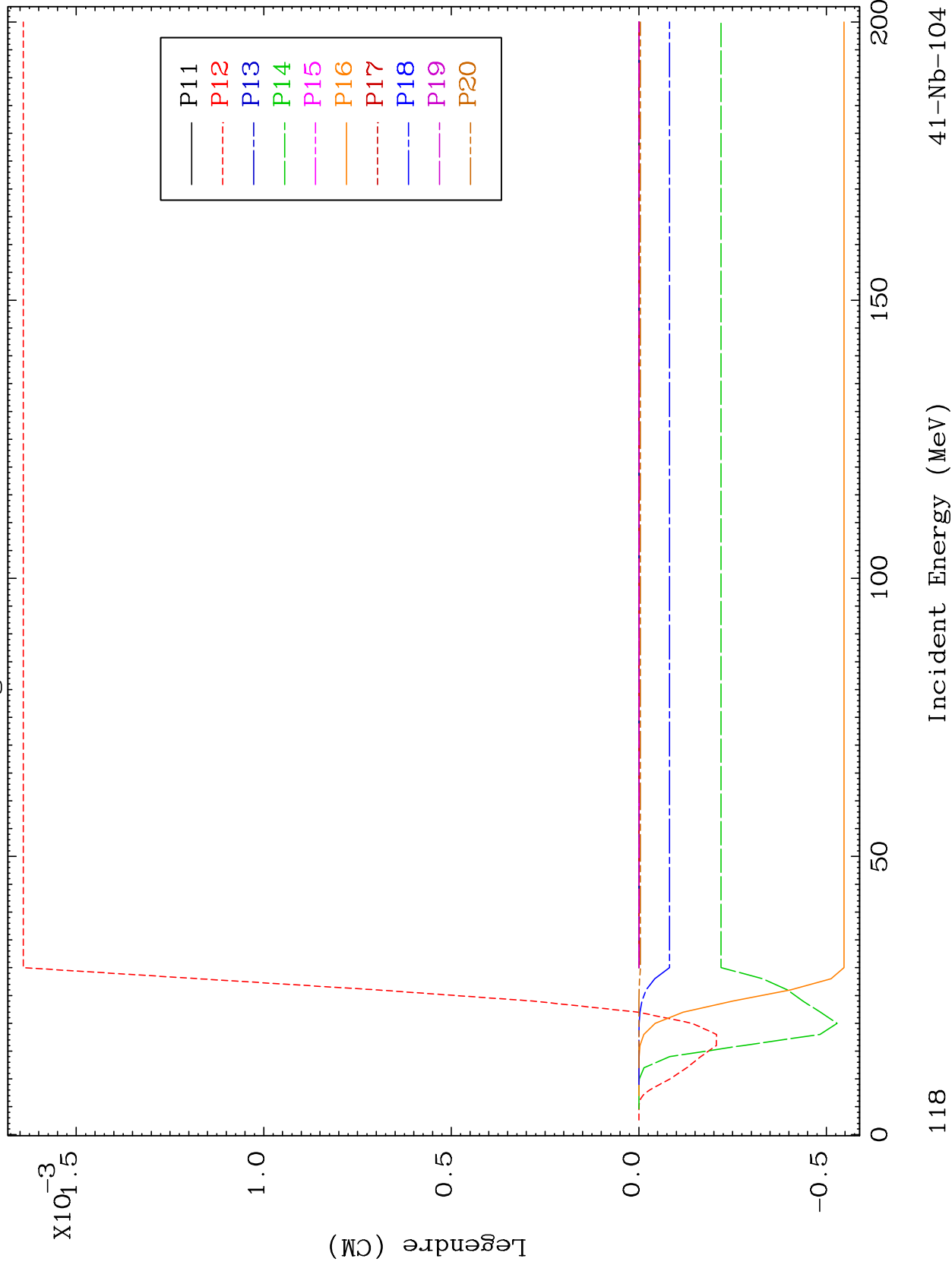




MAT 4158

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

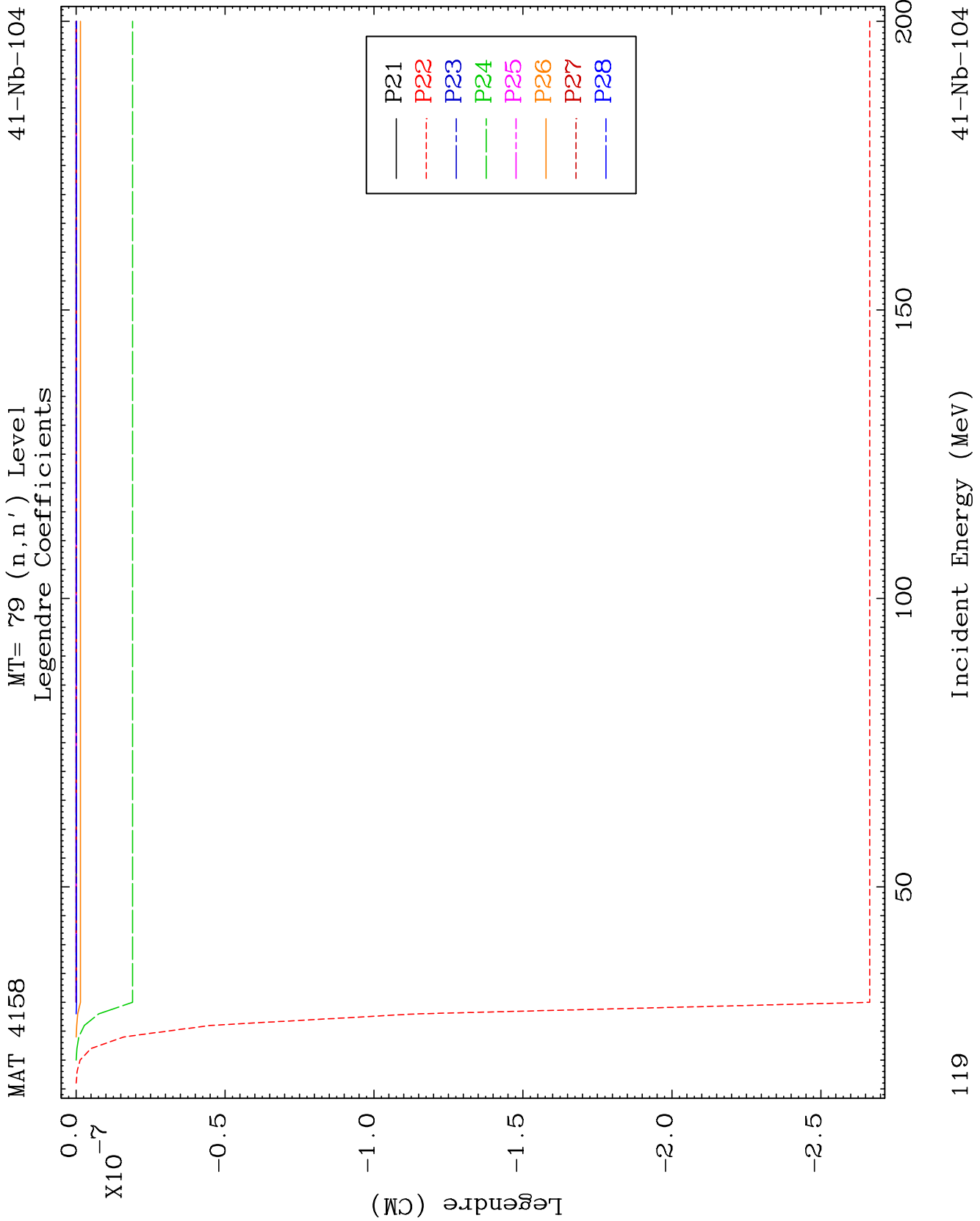
41-Nb-104



118

Incident Energy (MeV)

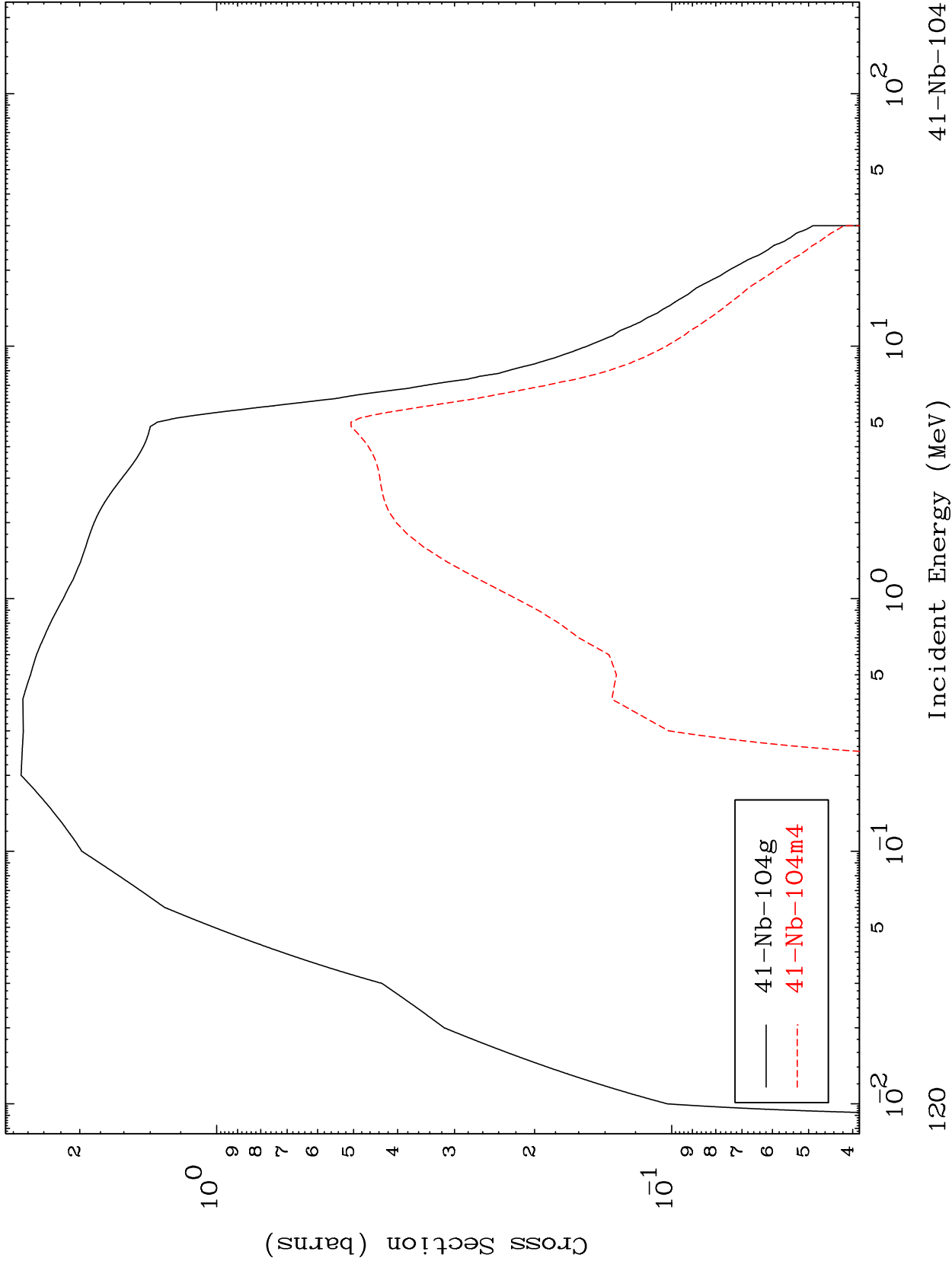
41-Nb-104



MAT 4158

Inelastic
Radionuclide Production Cross Section

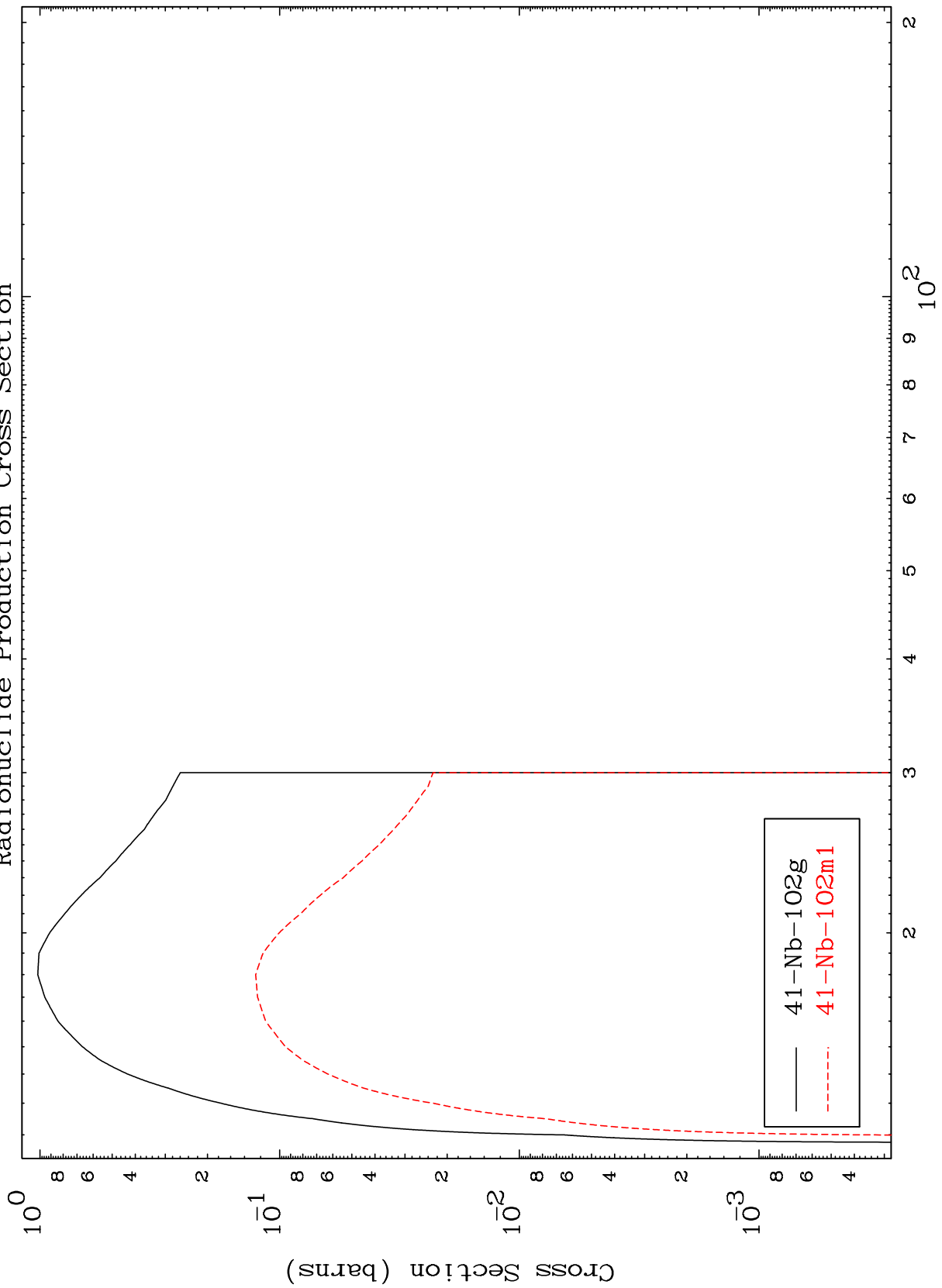
41-Nb-104



MAT 4158

41-Nb-104

Radionuclide Production Cross Section
(n,3n)



121

Incident Energy (MeV)

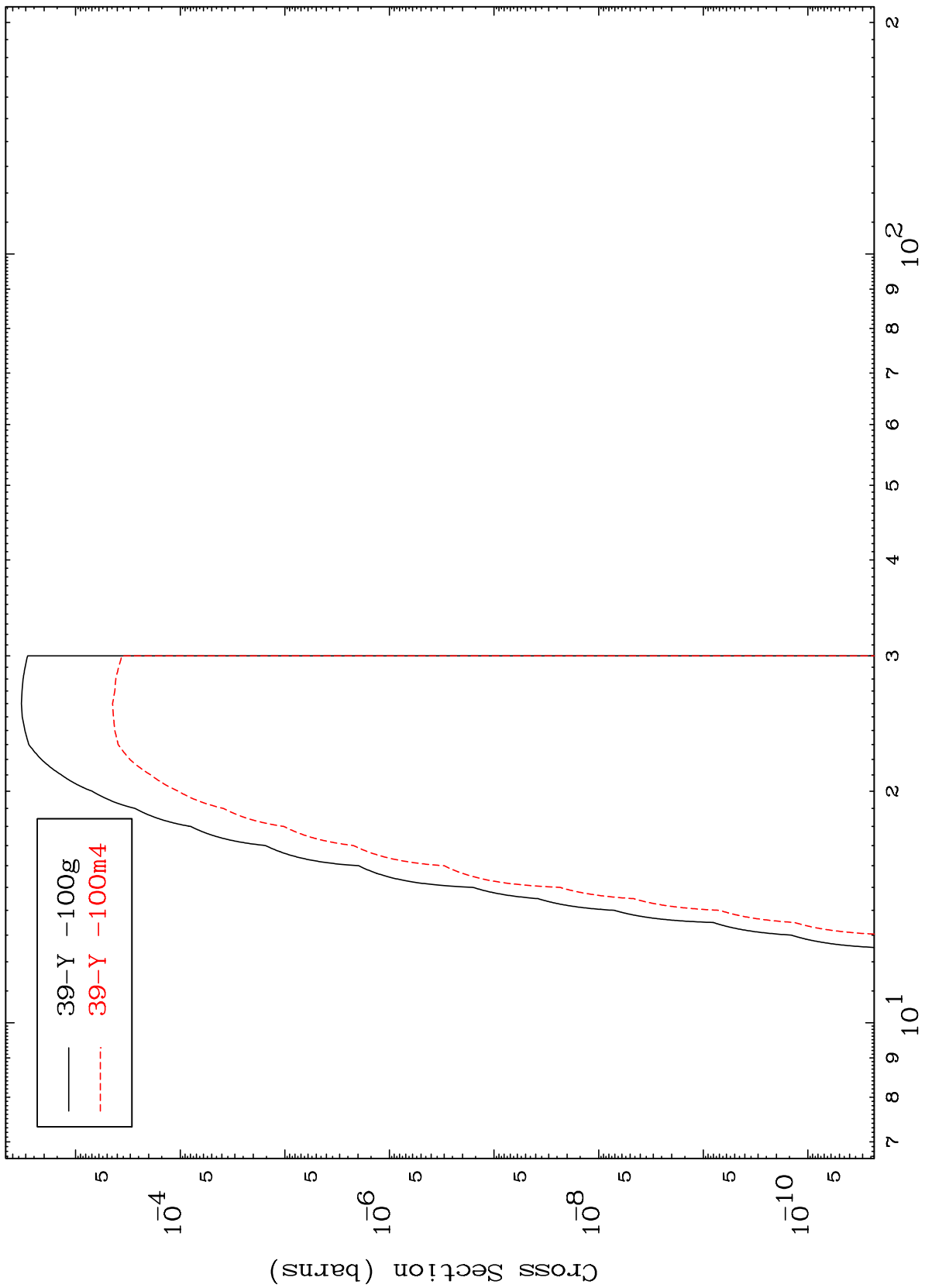
41-Nb-104

MAT 4158

(n,n') α

41-Nb-104

Radionuclide Production Cross Section



122

Incident Energy (MeV)

41-Nb-104

Radionuclide Production Cross Section

