

Program EVALPLOT
(Version 2021-1)

by

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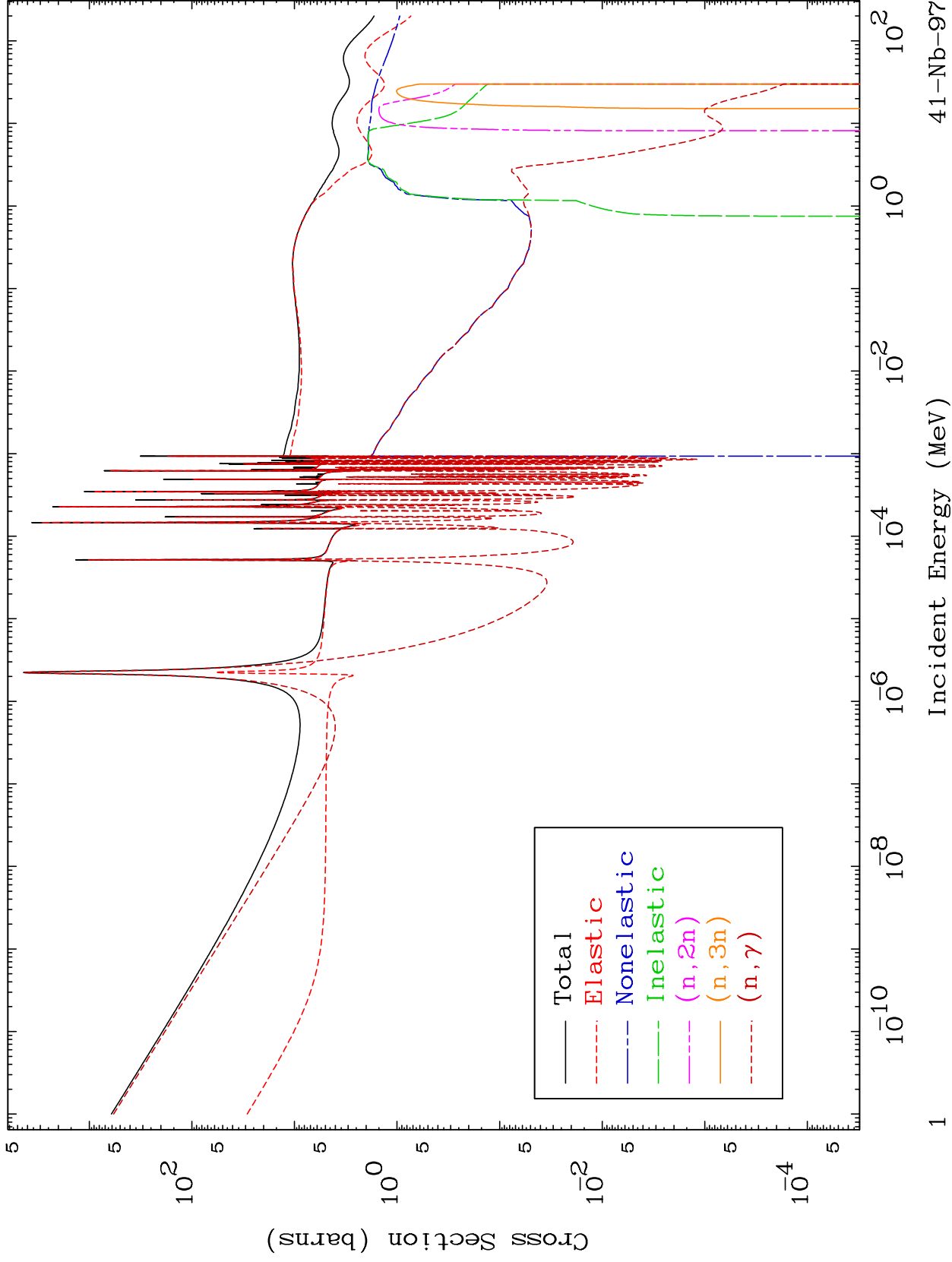
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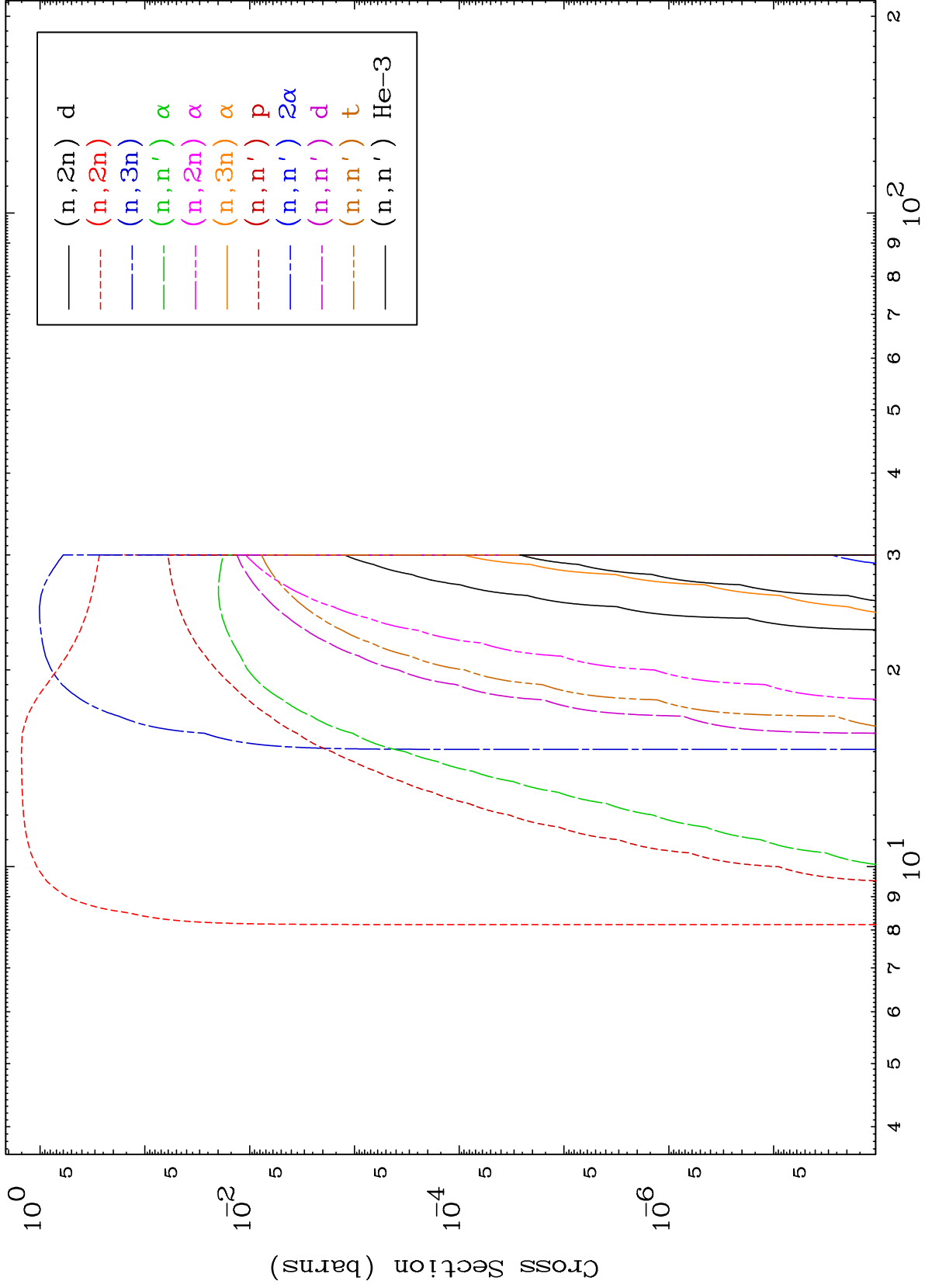
Press Mouse Button to Start

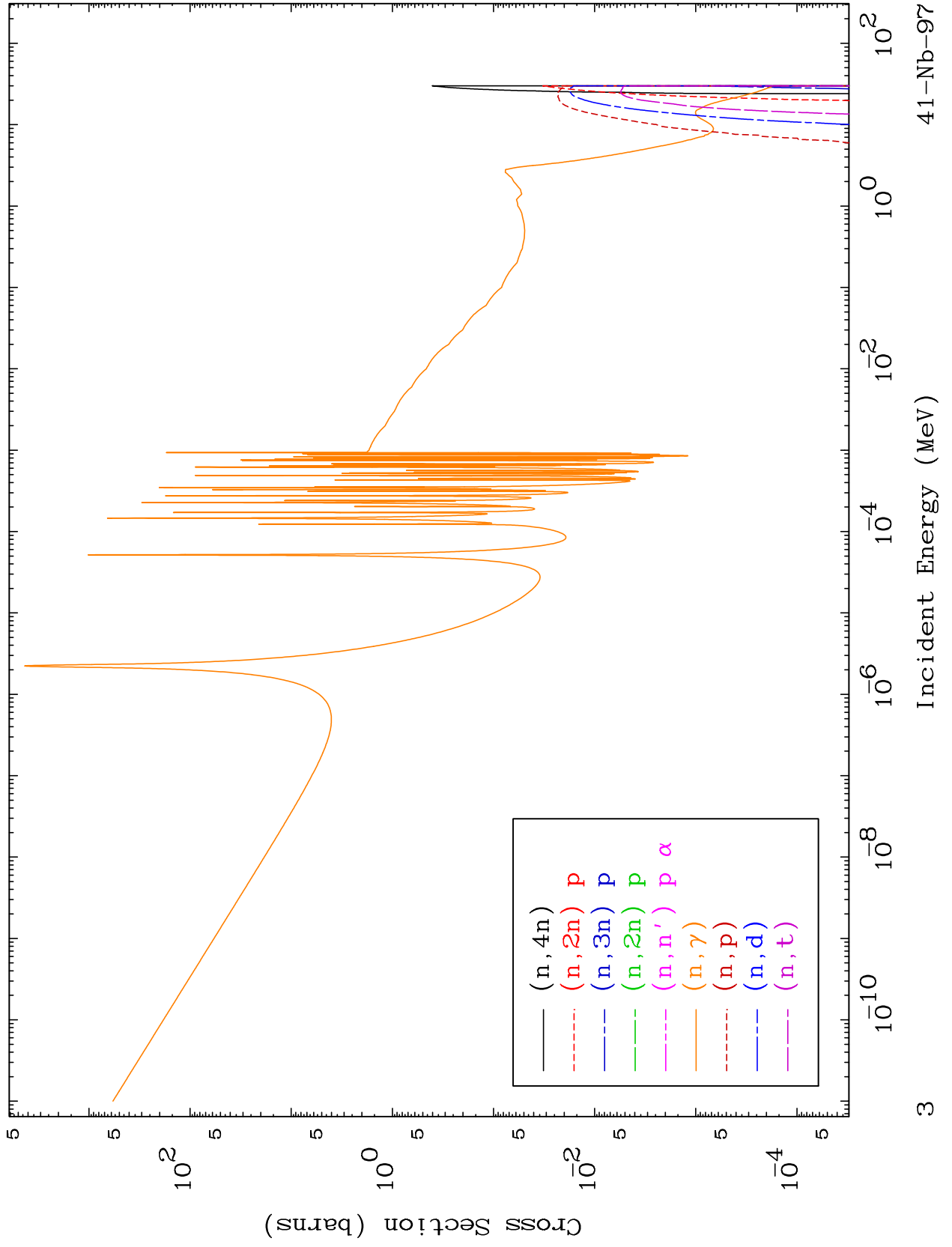
MAT 4137

Neutron Major
293 Kelvin Cross Sections

41-Nb-97



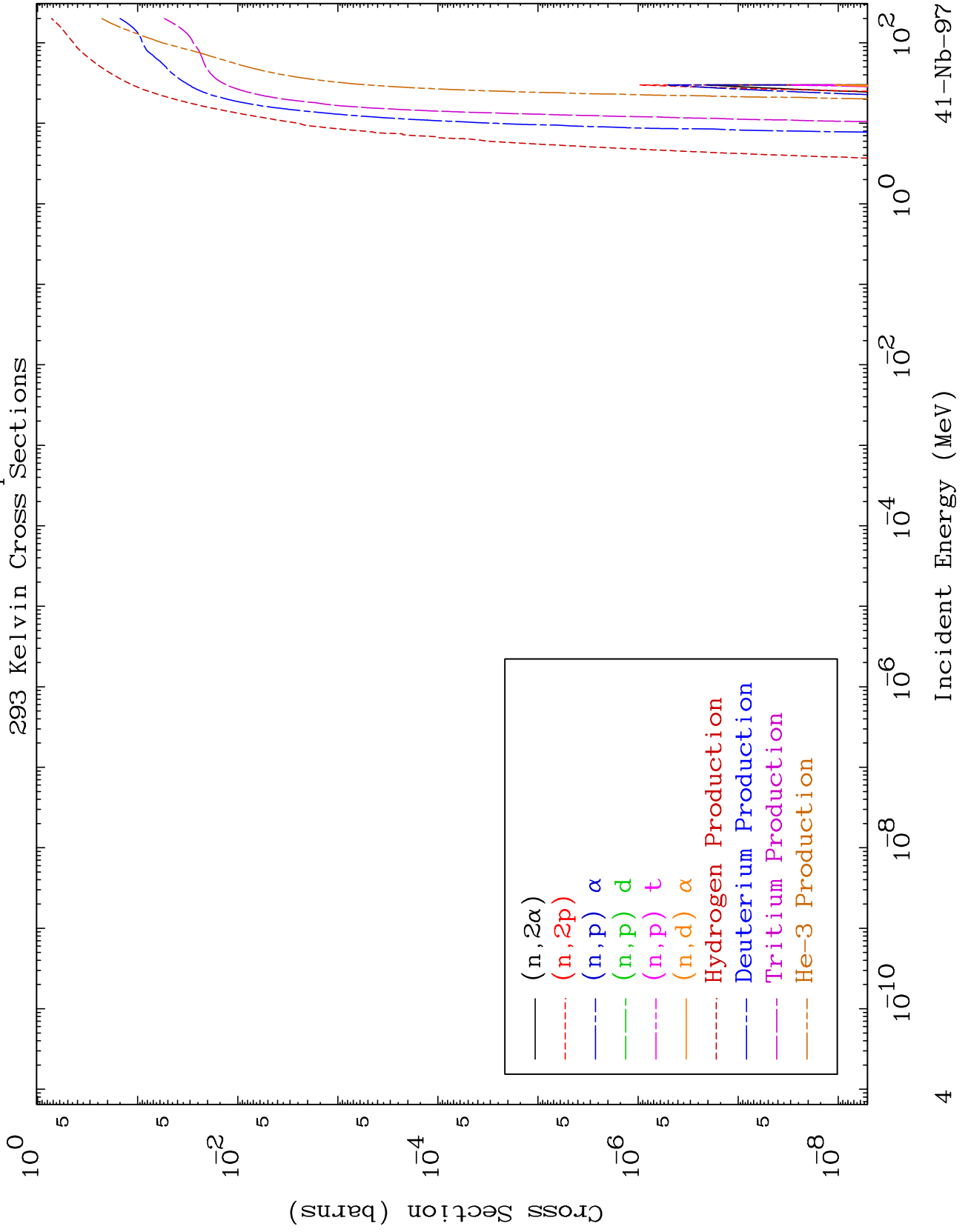




MAT 4137

Neutron Absorption
293 Kelvin Cross Sections

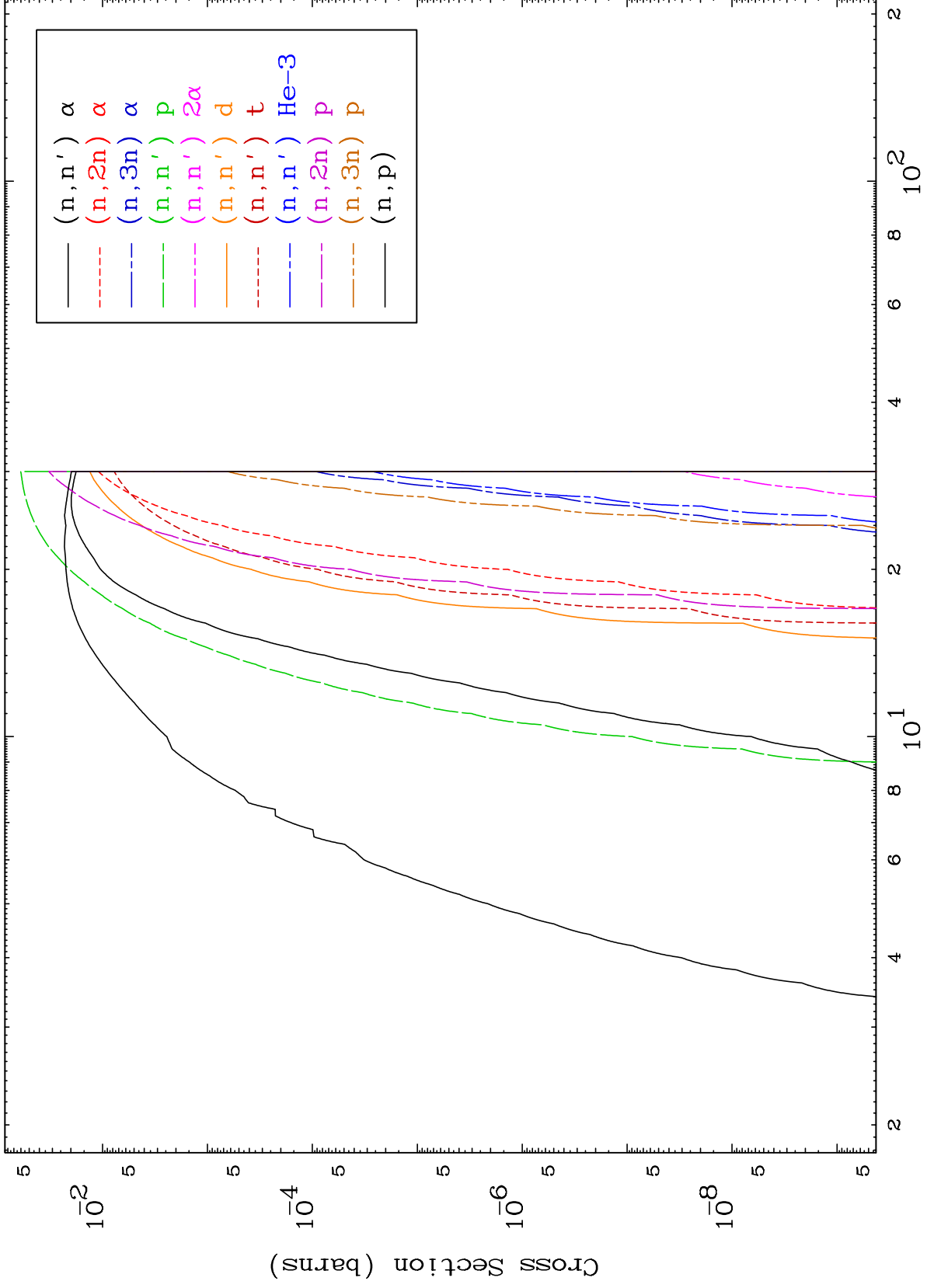
41-Nb-97



MAT 4137

Charged Particle
293 Kelvin Cross Sections

41-Nb-97



5

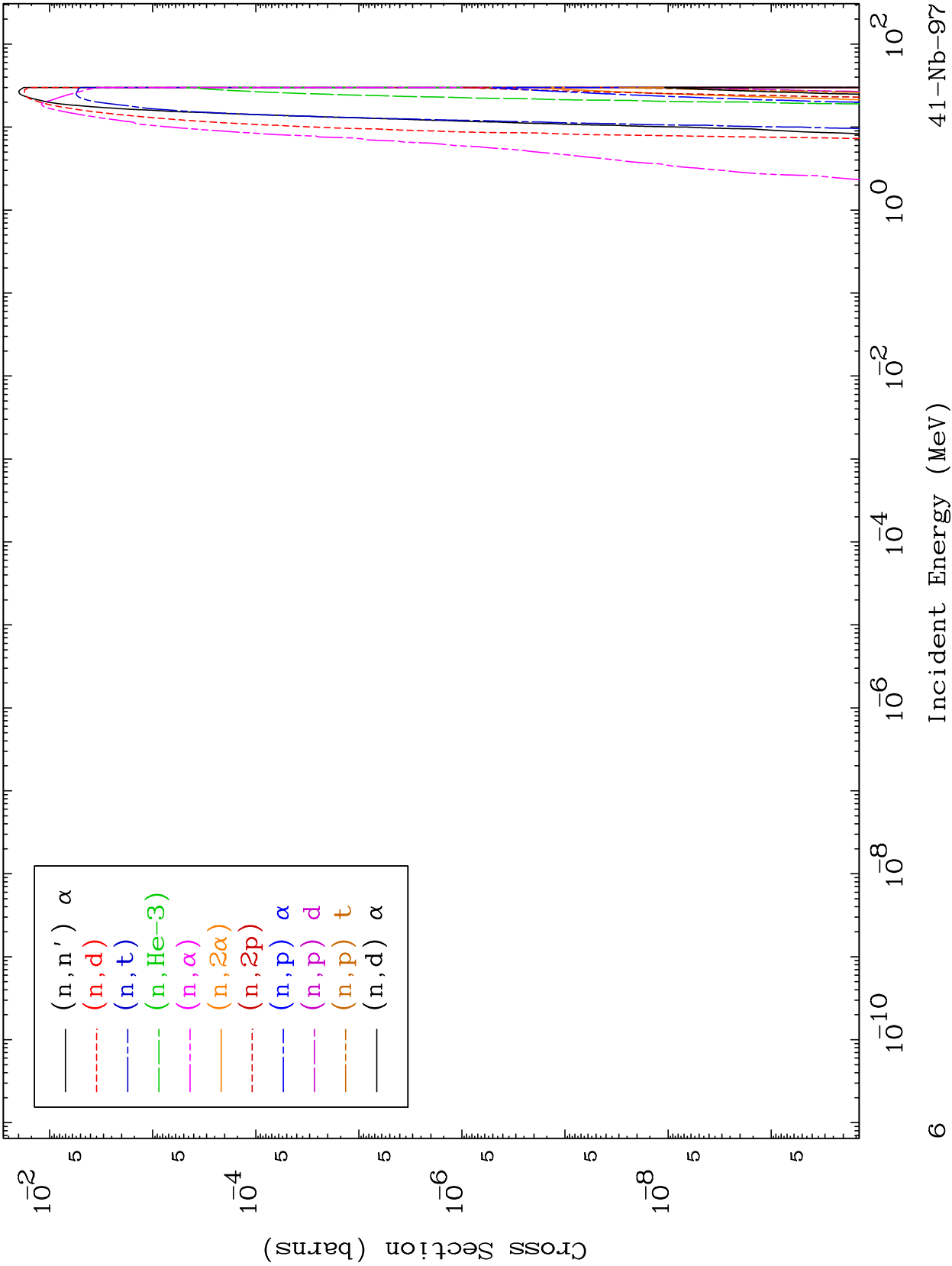
Incident Energy (MeV)

41-Nb-97

MAT 4137

Charged Particle
293 Kelvin Cross Sections

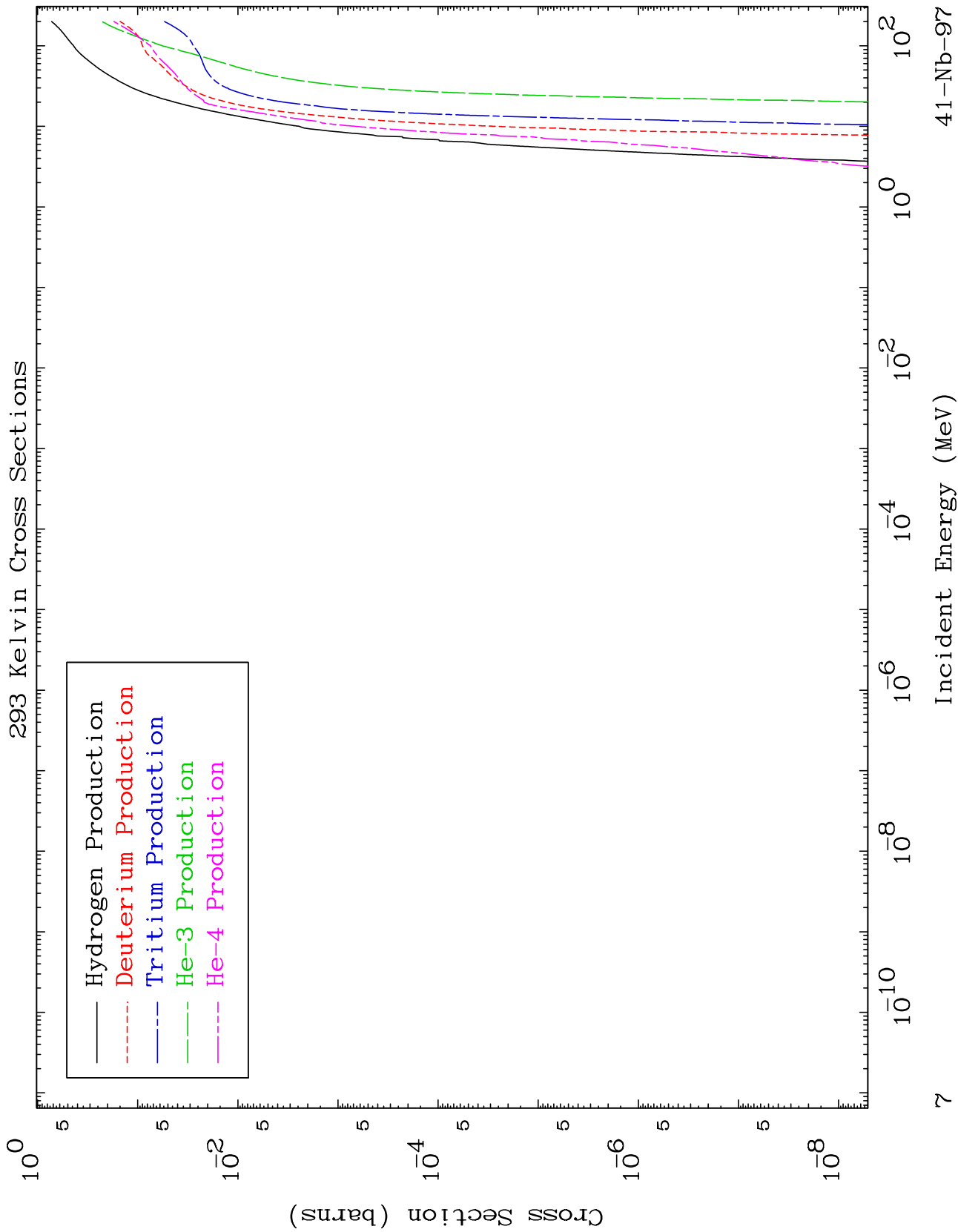
41-Nb-97



MAT 4137

Particle Production
293 Kelvin Cross Sections

41-Nb-97



MAT 4137

(n,n') Levels

41-Nb-97

293 Kelvin Cross Sections

10^4

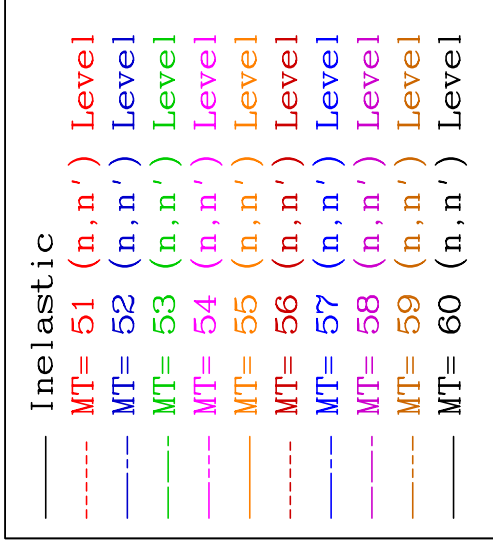
10^2

10^0

10^{-2}

10^{-4}

Cross Section (barns)



2 4 6 8 10^2

2 4 6 8 10^1

8 10^0

Incident Energy (MeV)

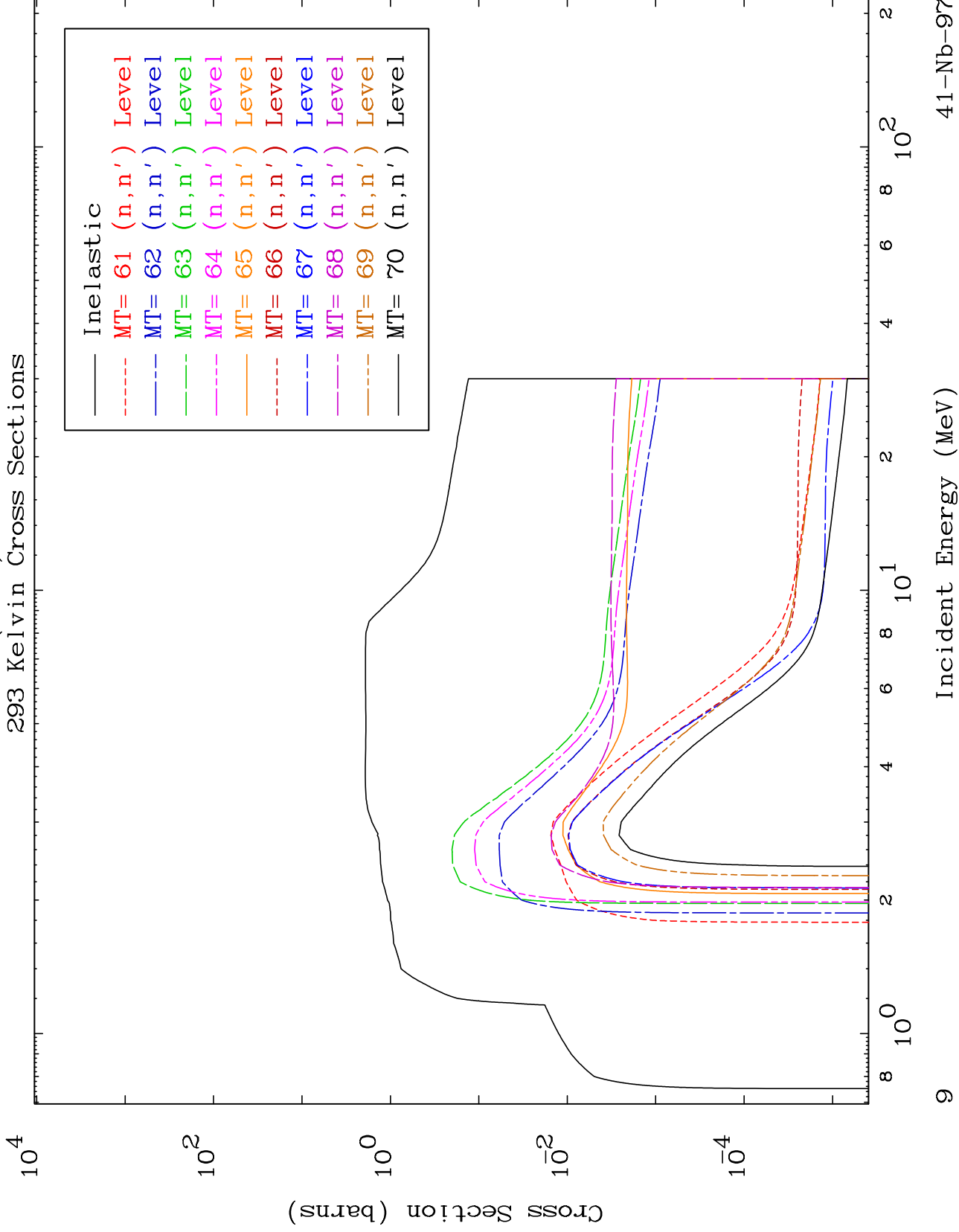
41-Nb-97

8

MAT 4137

(n,n') Levels

41-Nb-97

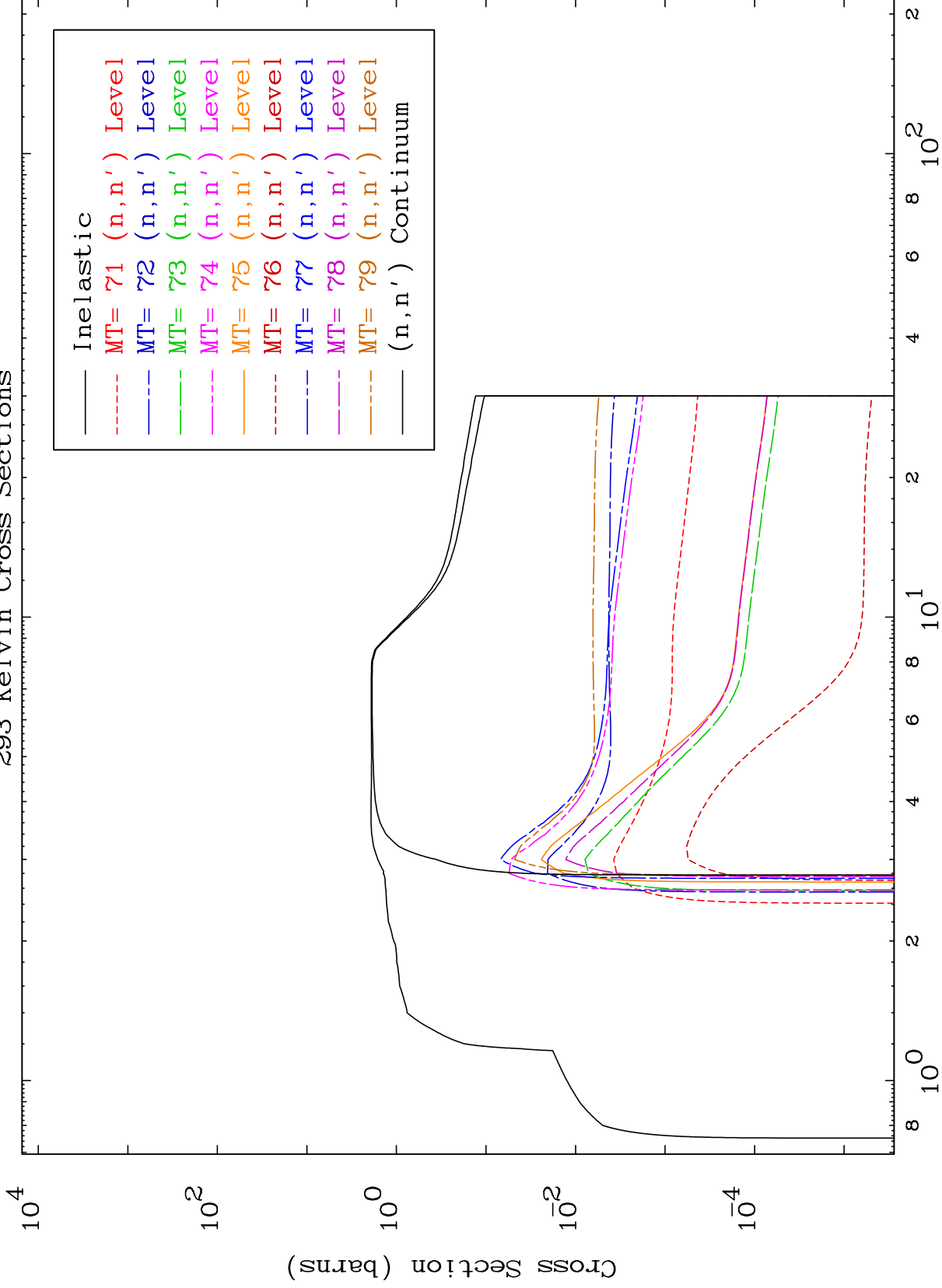


MAT 4137

(n,n') Levels

293 Kelvin Cross Sections

41-Nb-97



10

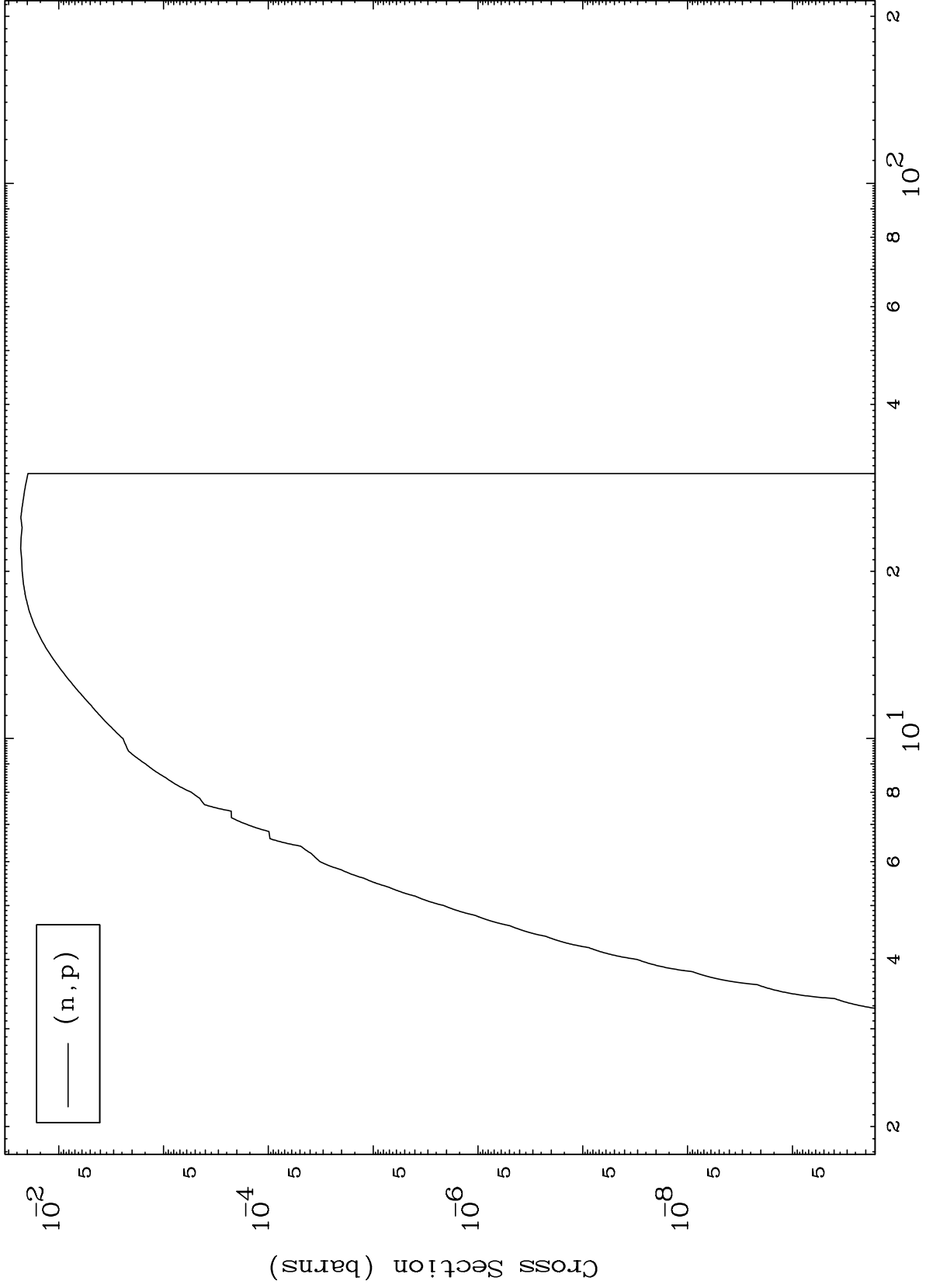
Incident Energy (MeV)

41-Nb-97

MAT 4137

(n,p) Levels
293 Kelvin Cross Sections

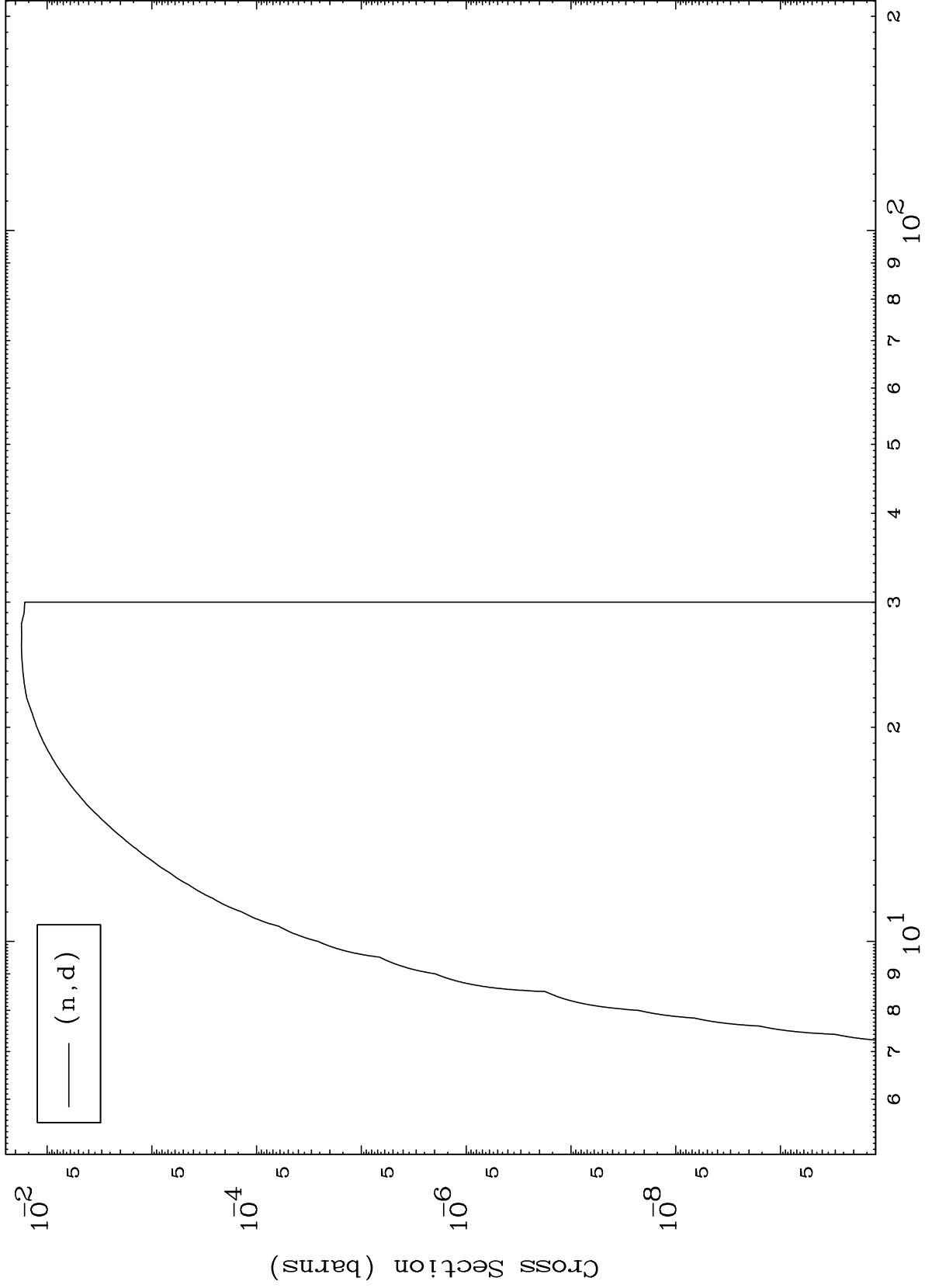
41-Nb-97



11

Incident Energy (MeV)

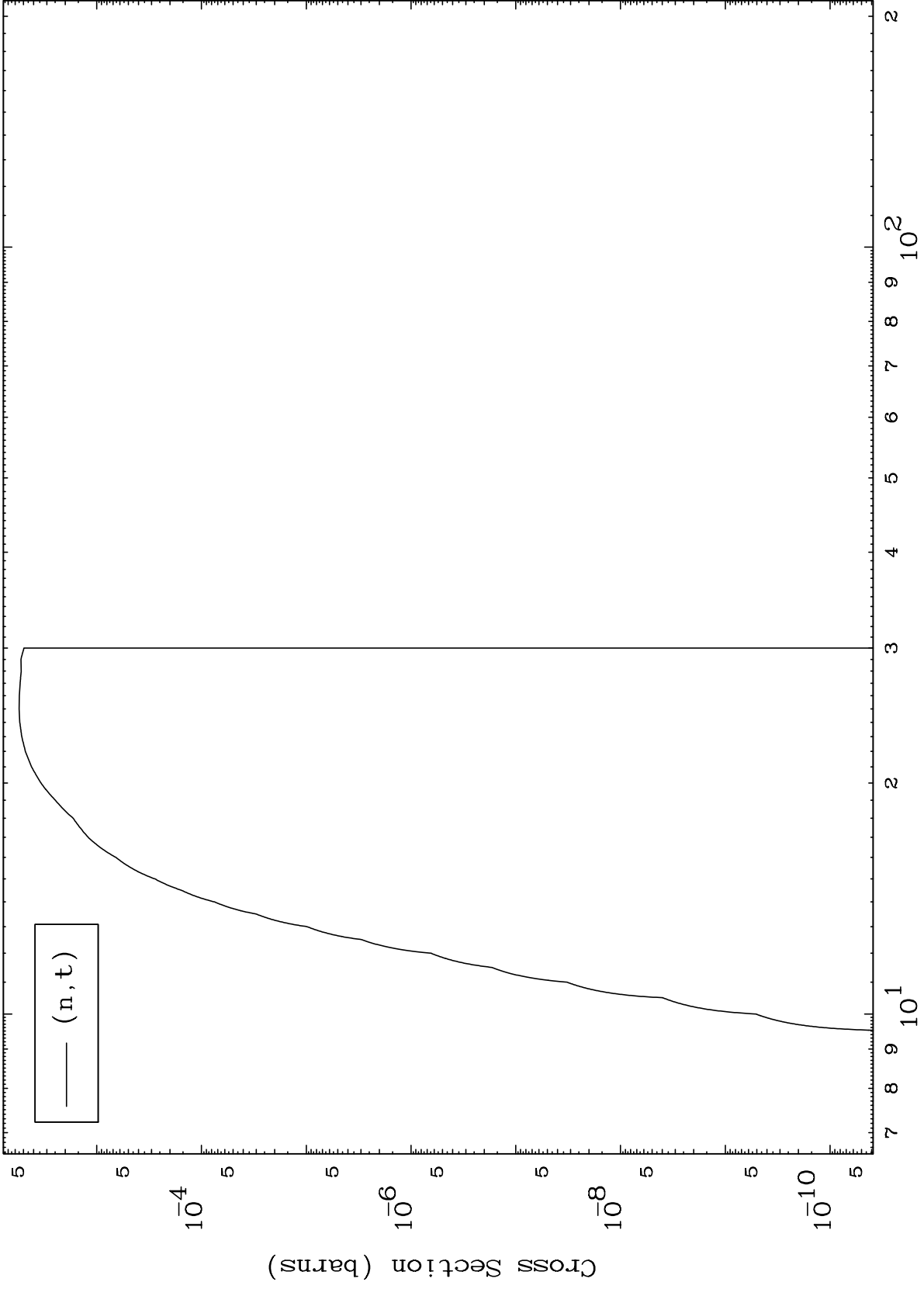
41-Nb-97



MAT 4137

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-97



13

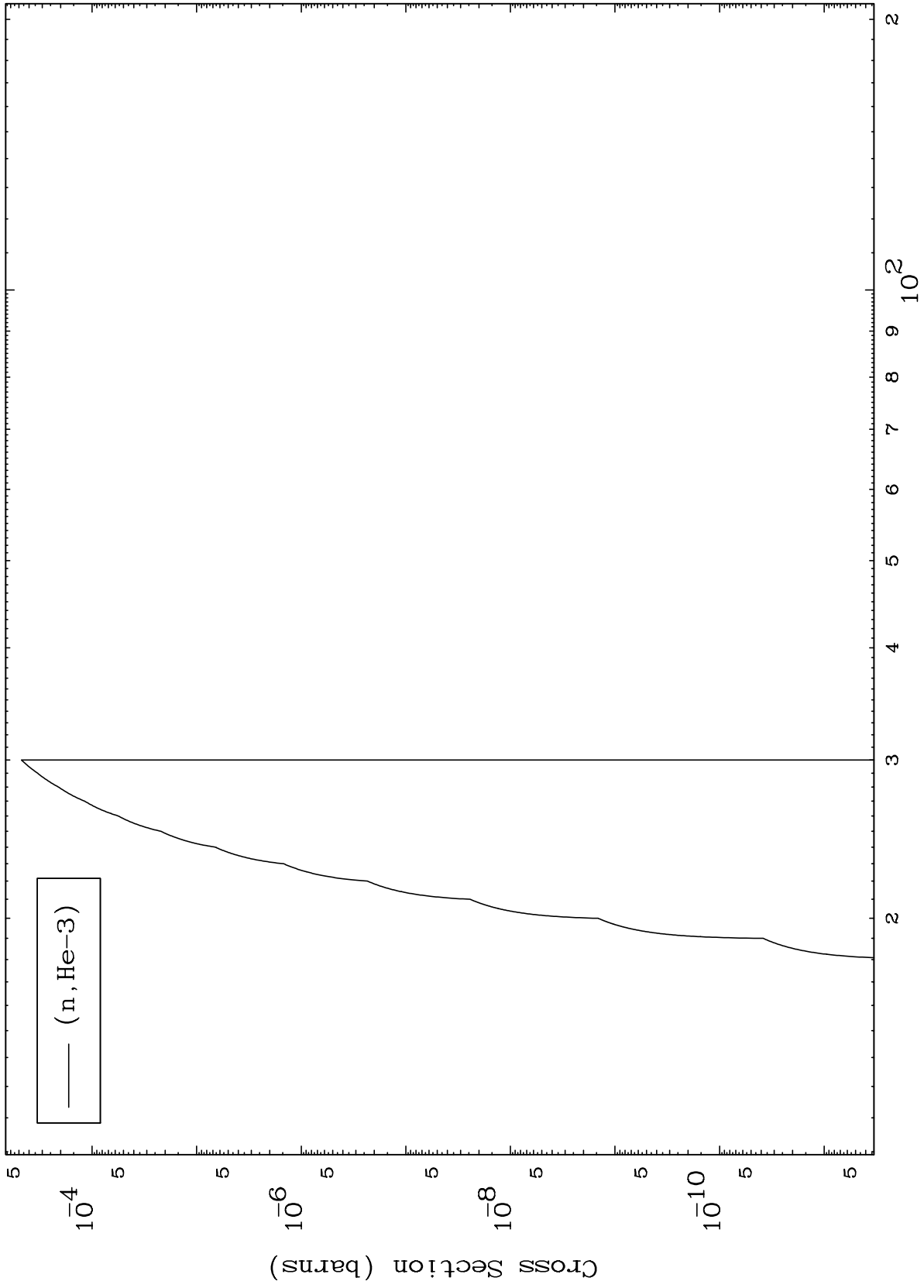
Incident Energy (MeV)

41-Nb-97

MAT 4137

(n,He3) Levels
293 Kelvin Cross Sections

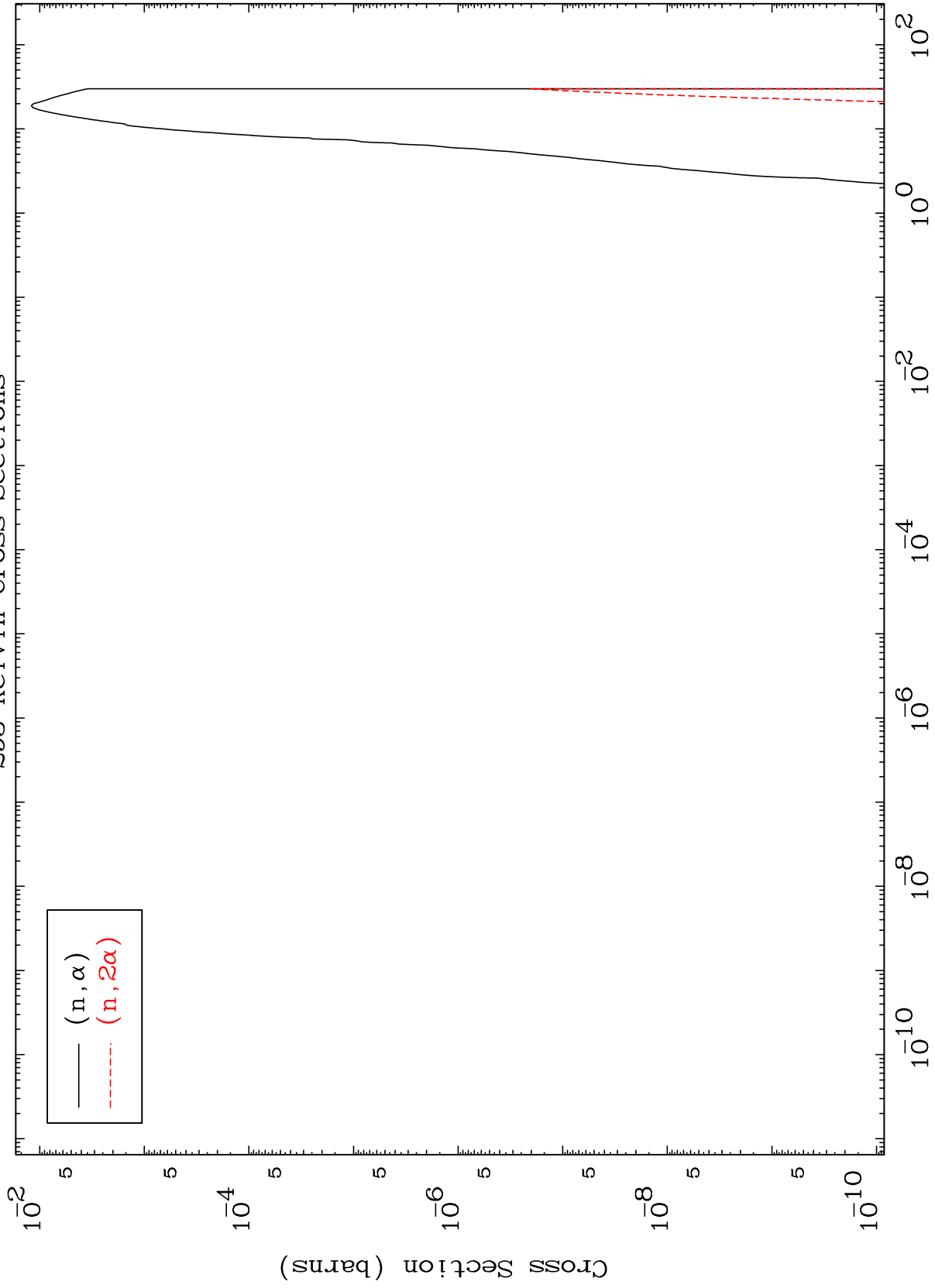
41-Nb-97



MAT 4137

(n, α) Levels
293 Kelvin Cross Sections

41-Nb-97



15

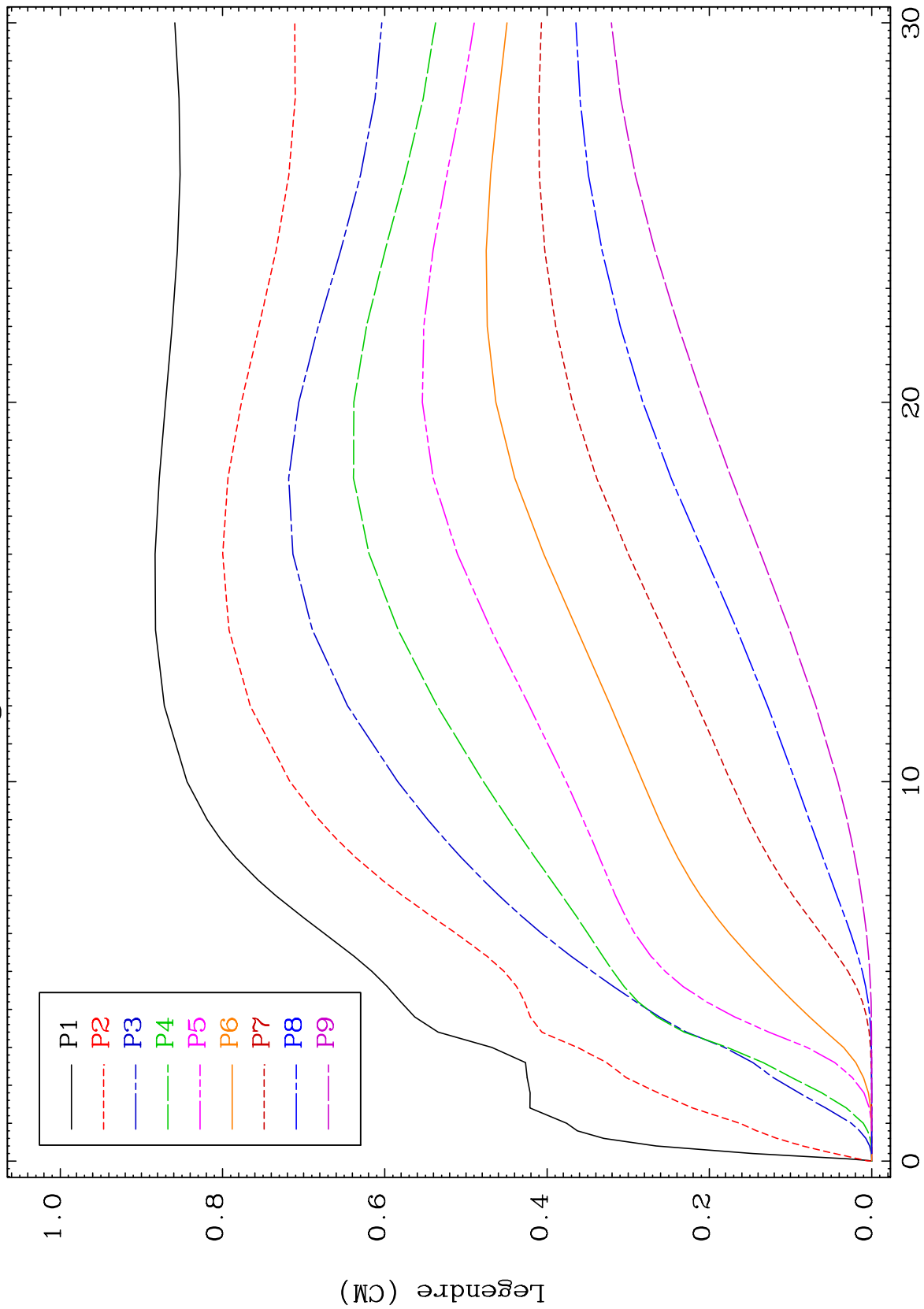
Incident Energy (MeV)

41-Nb-97

MAT 4137

Elastic Legendre Coefficients

41-Nb-97



16

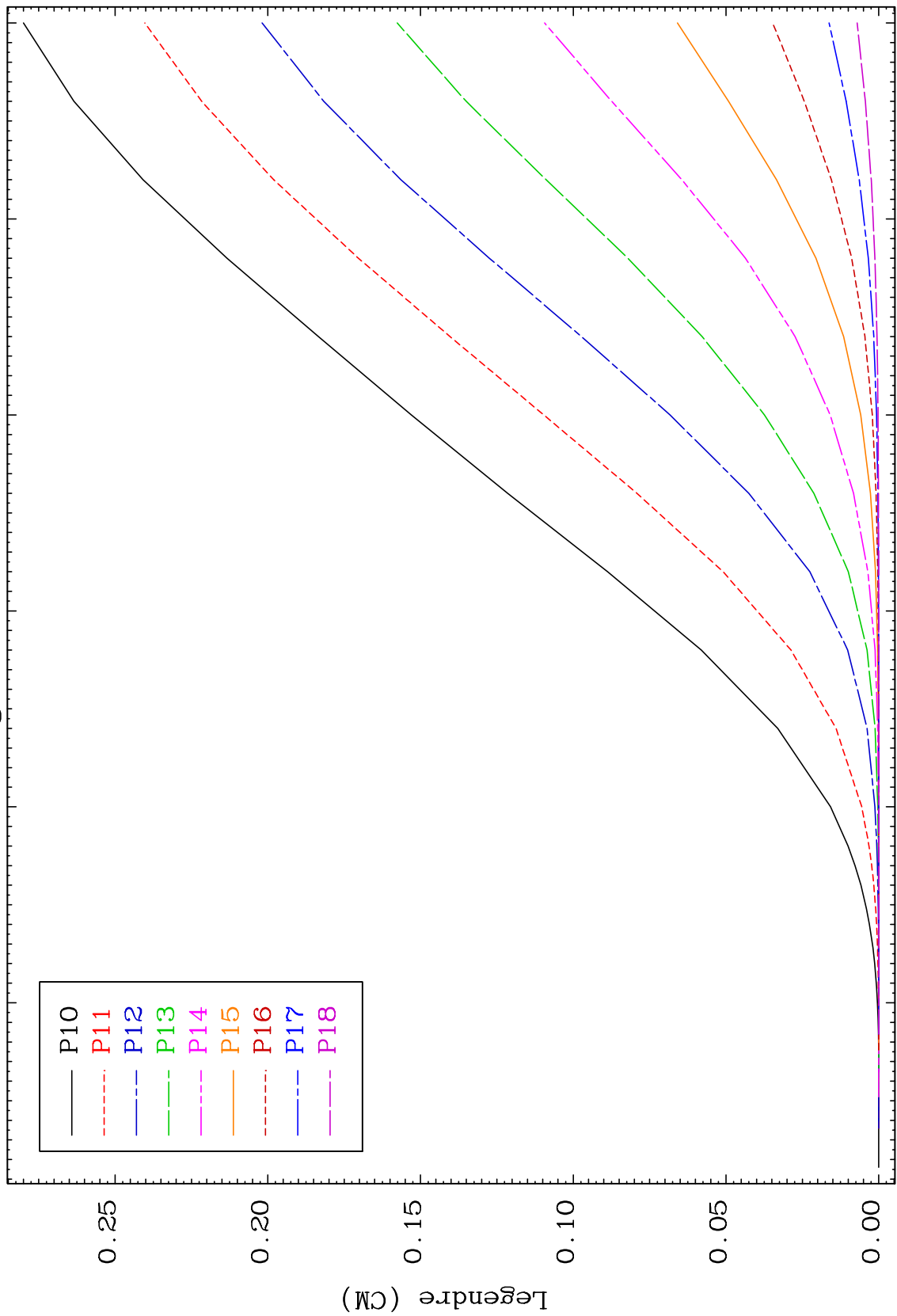
Incident Energy (MeV)

41-Nb-97

MAT 4137

Elastic Legendre Coefficients

41-Nb-97



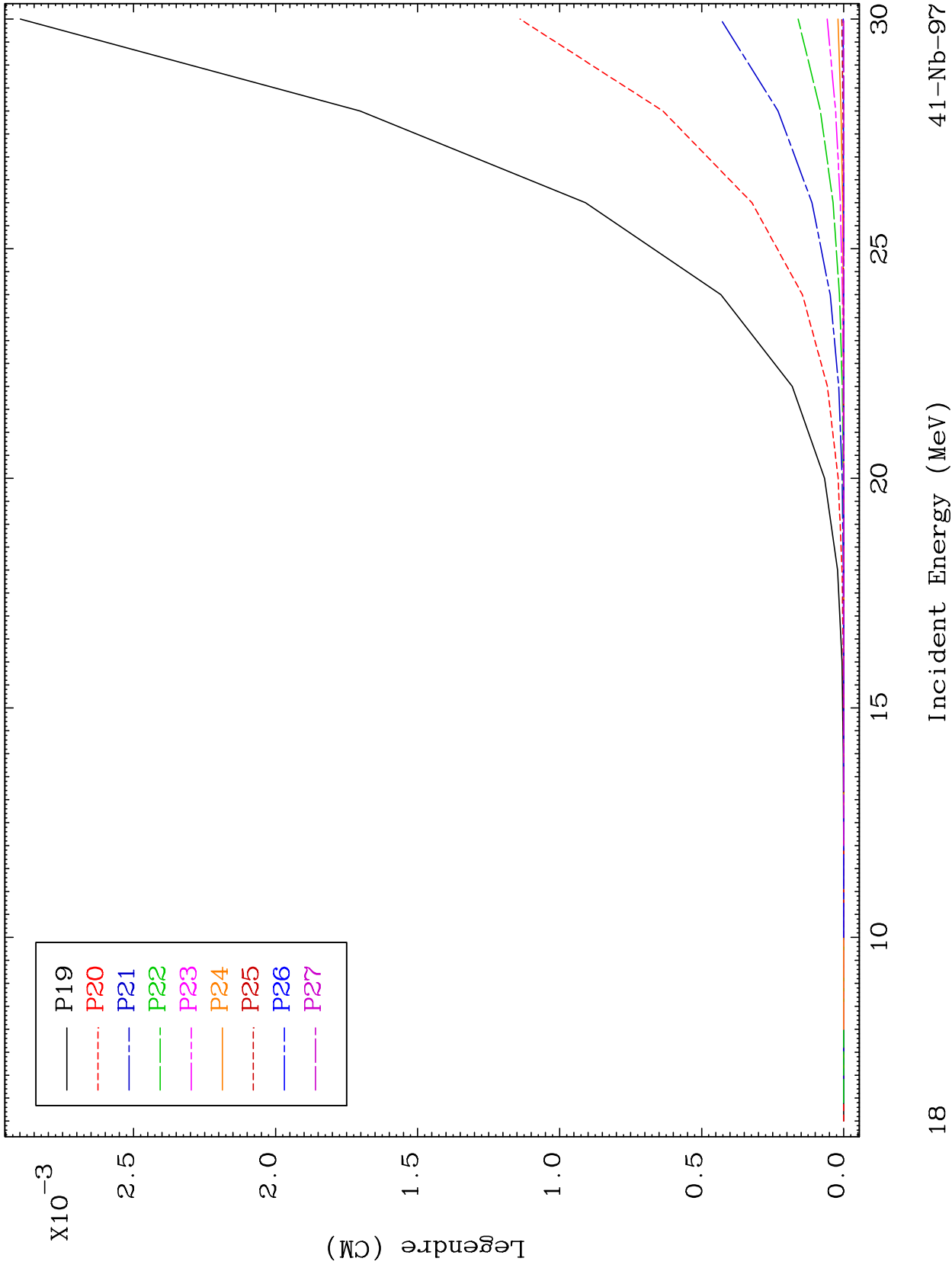
17

41-Nb-97

MAT 4137

Elastic Legendre Coefficients

41-Nb-97



18

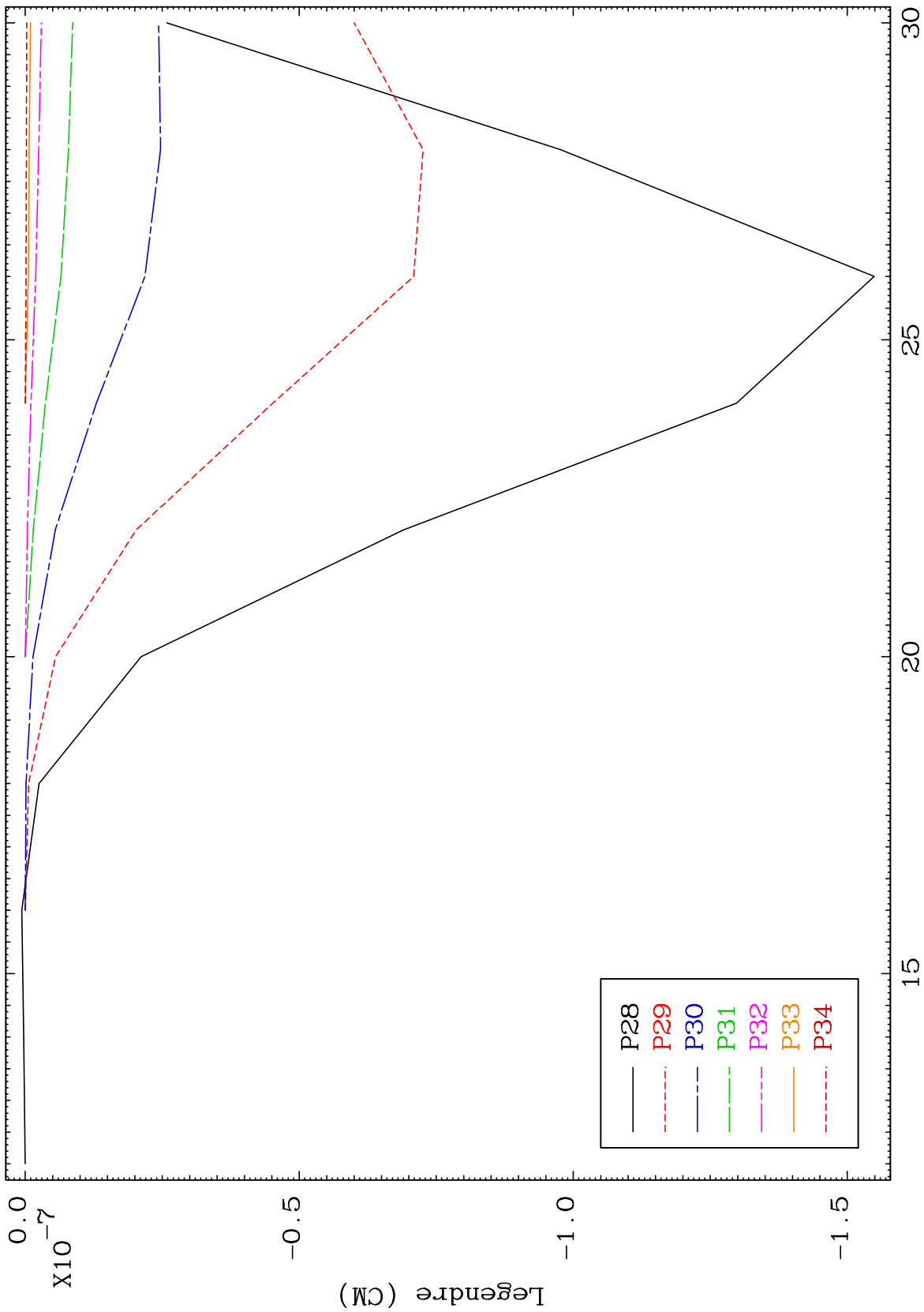
Incident Energy (MeV)

41-Nb-97

MAT 4137

41-Nb-97

Elastic Legendre Coefficients



19

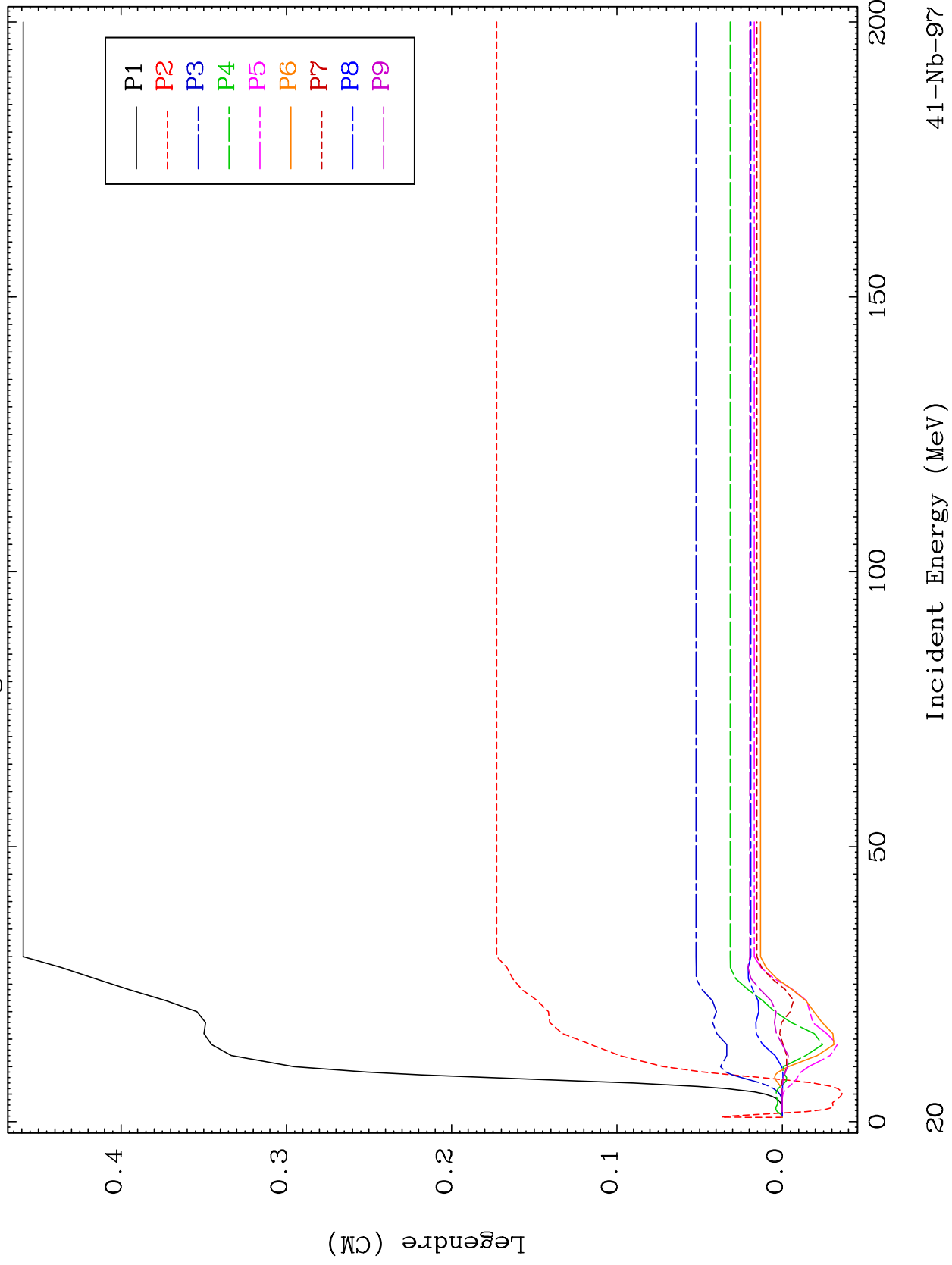
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97

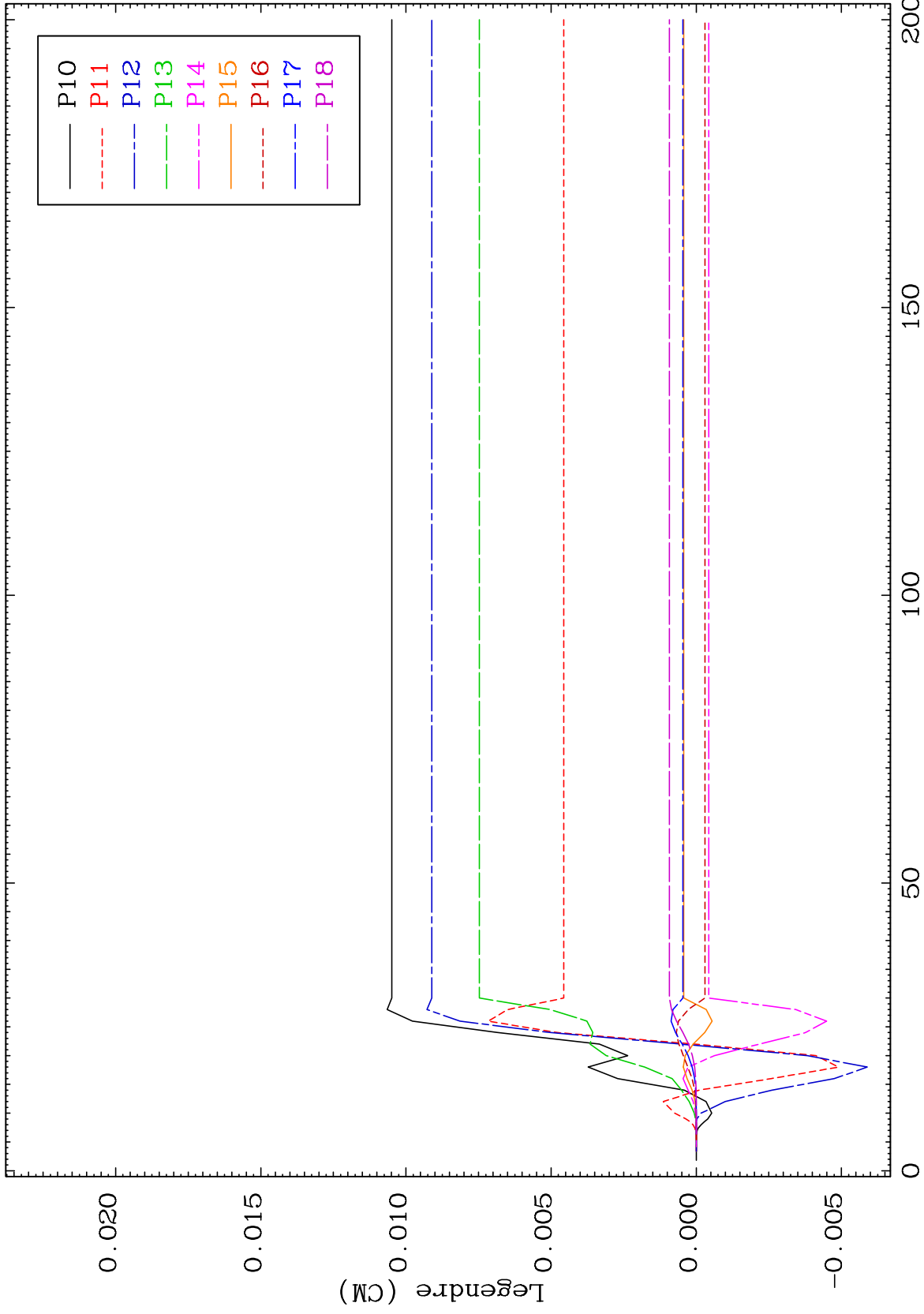


41-Nb-97

MAT 4137

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

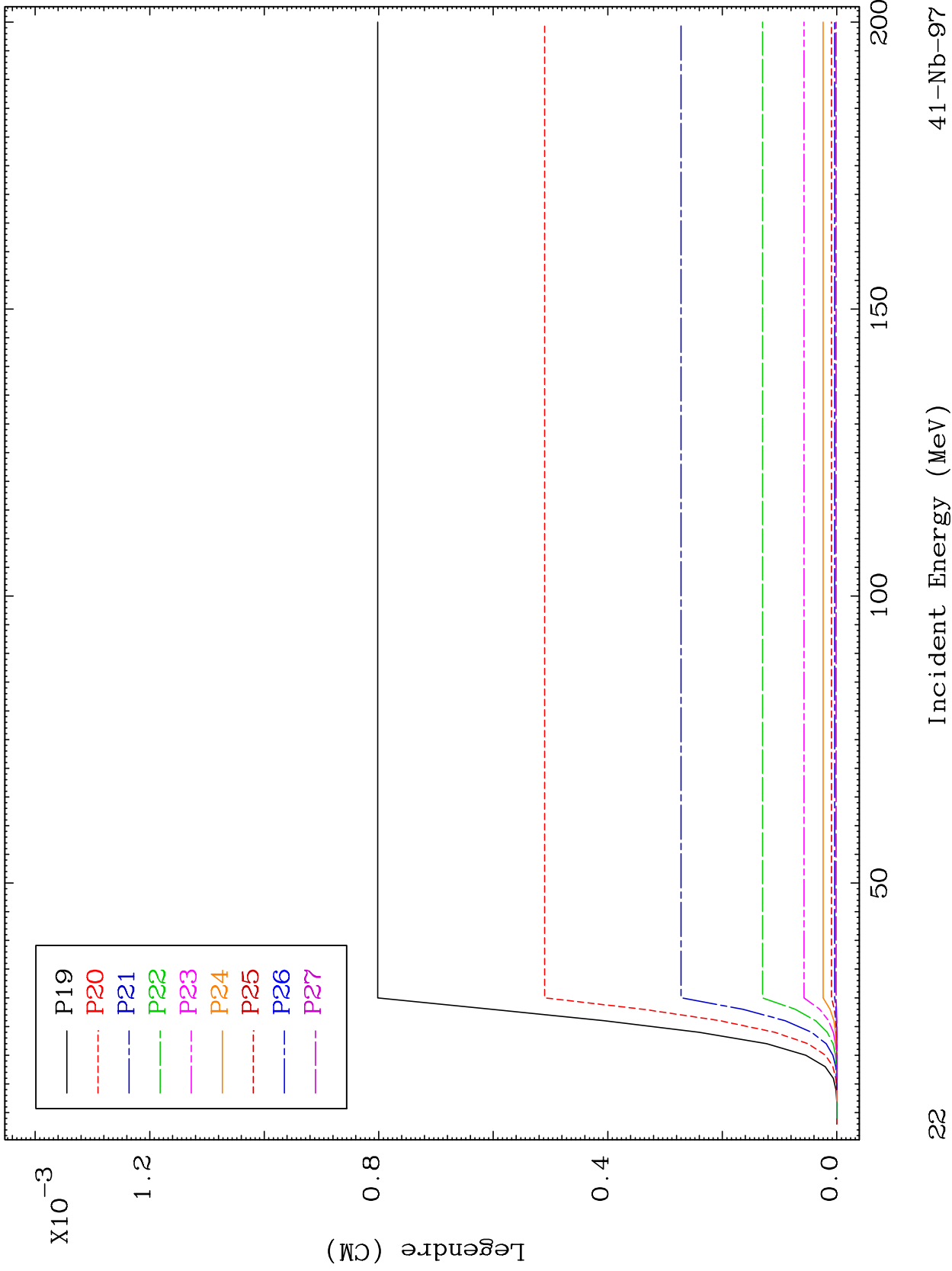
41-Nb-97



21

Incident Energy (MeV)

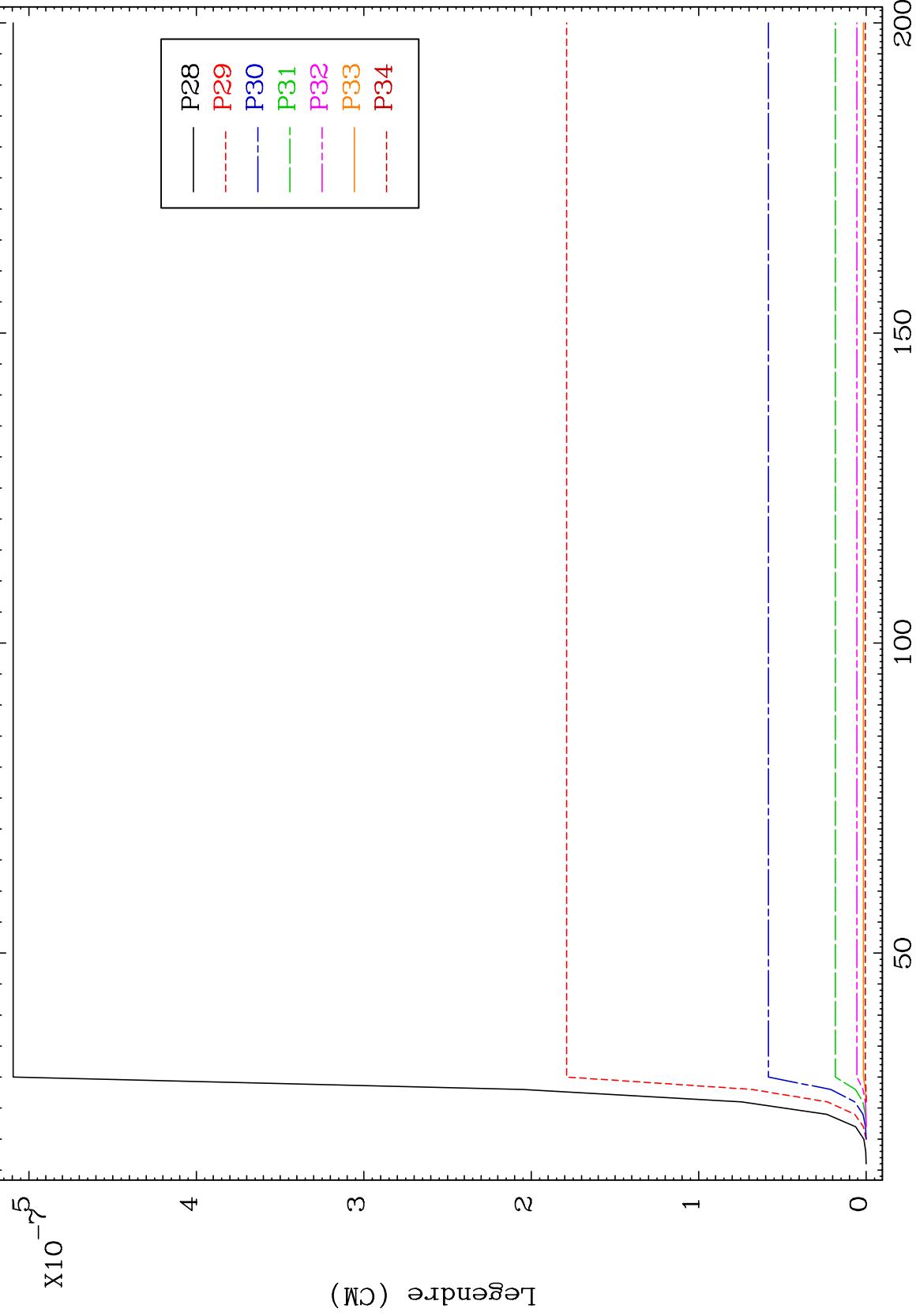
41-Nb-97



MAT 4137

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

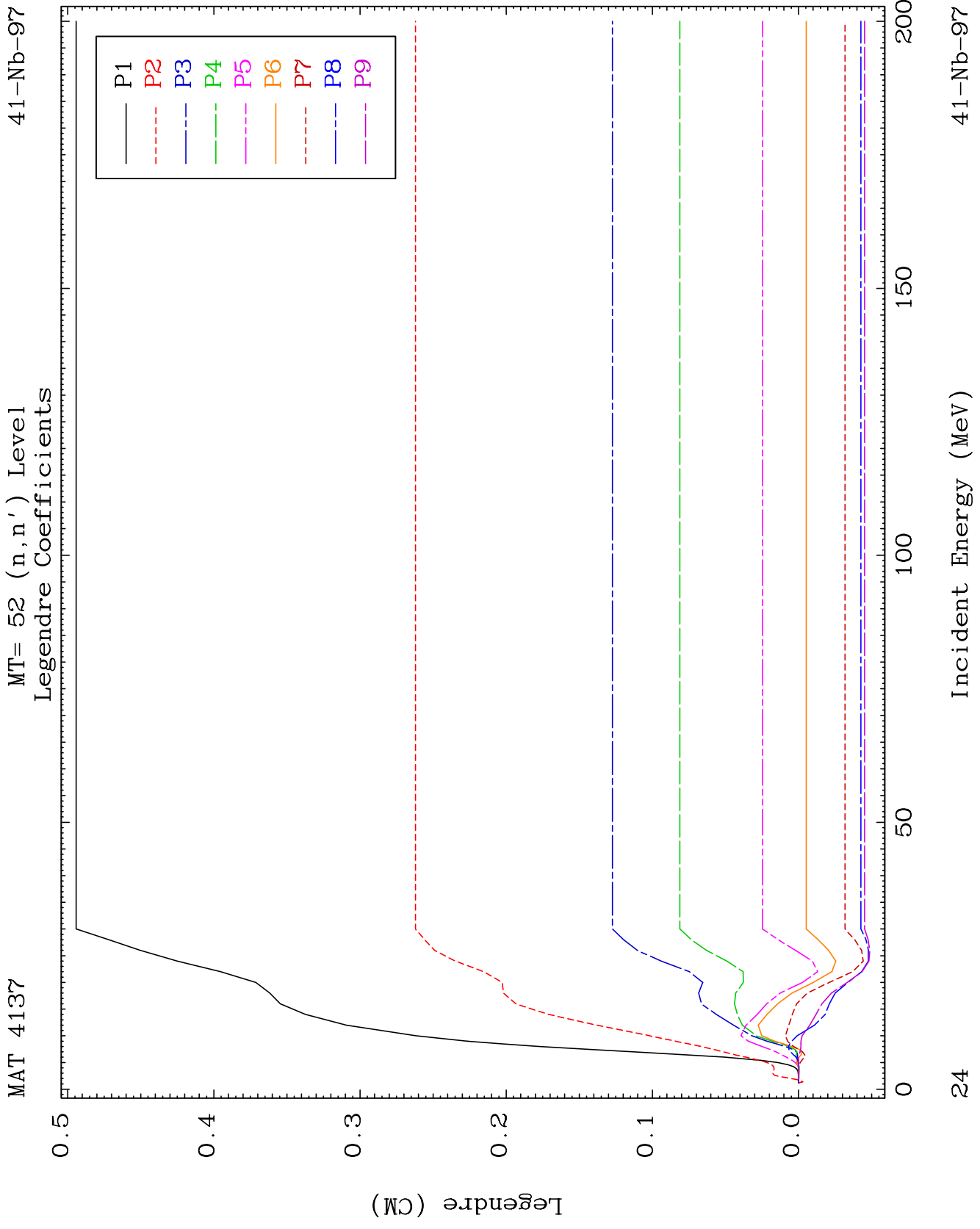
41-Nb-97



23

Incident Energy (MeV)

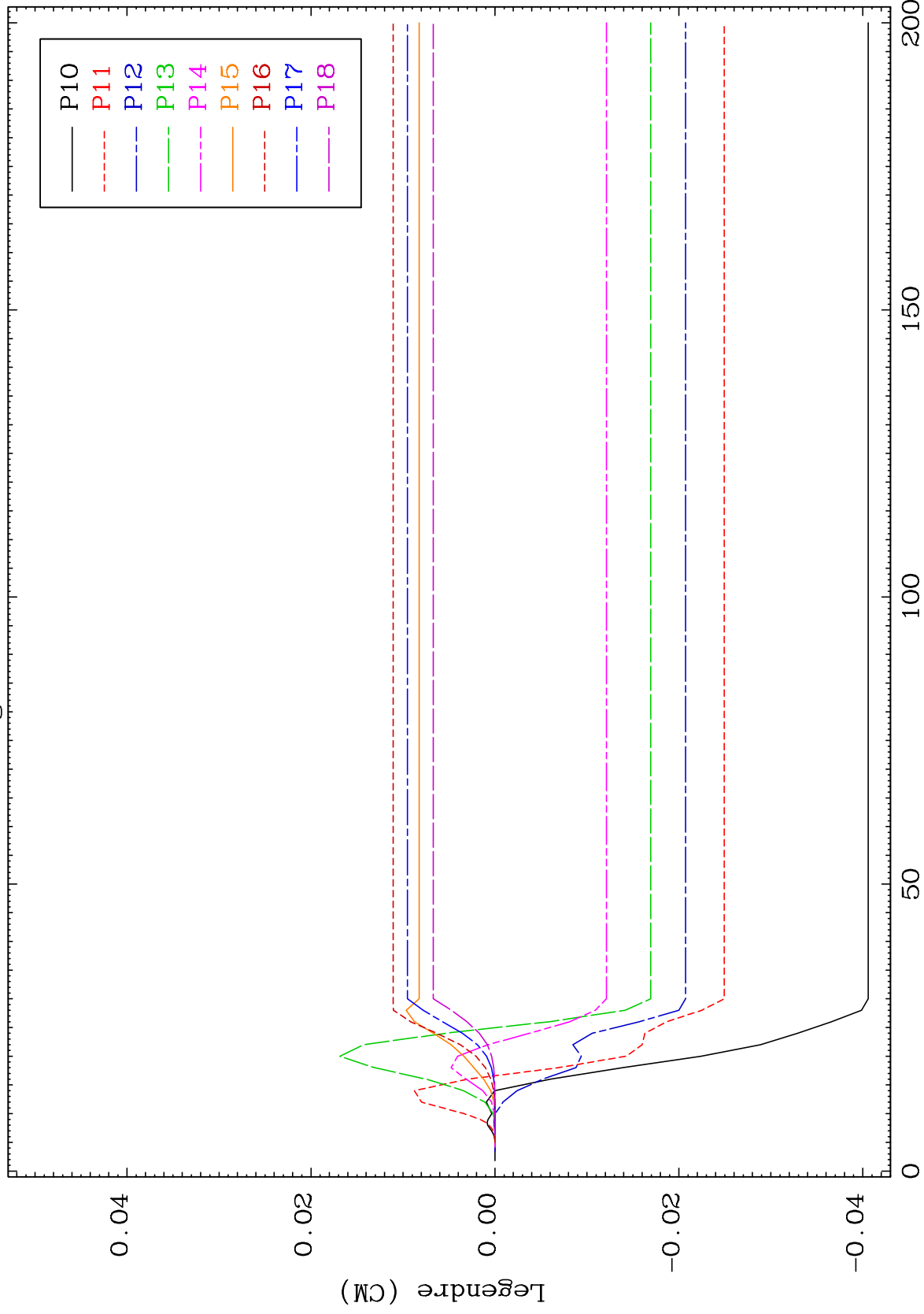
41-Nb-97



MAT 4137

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

41-Nb-97



25

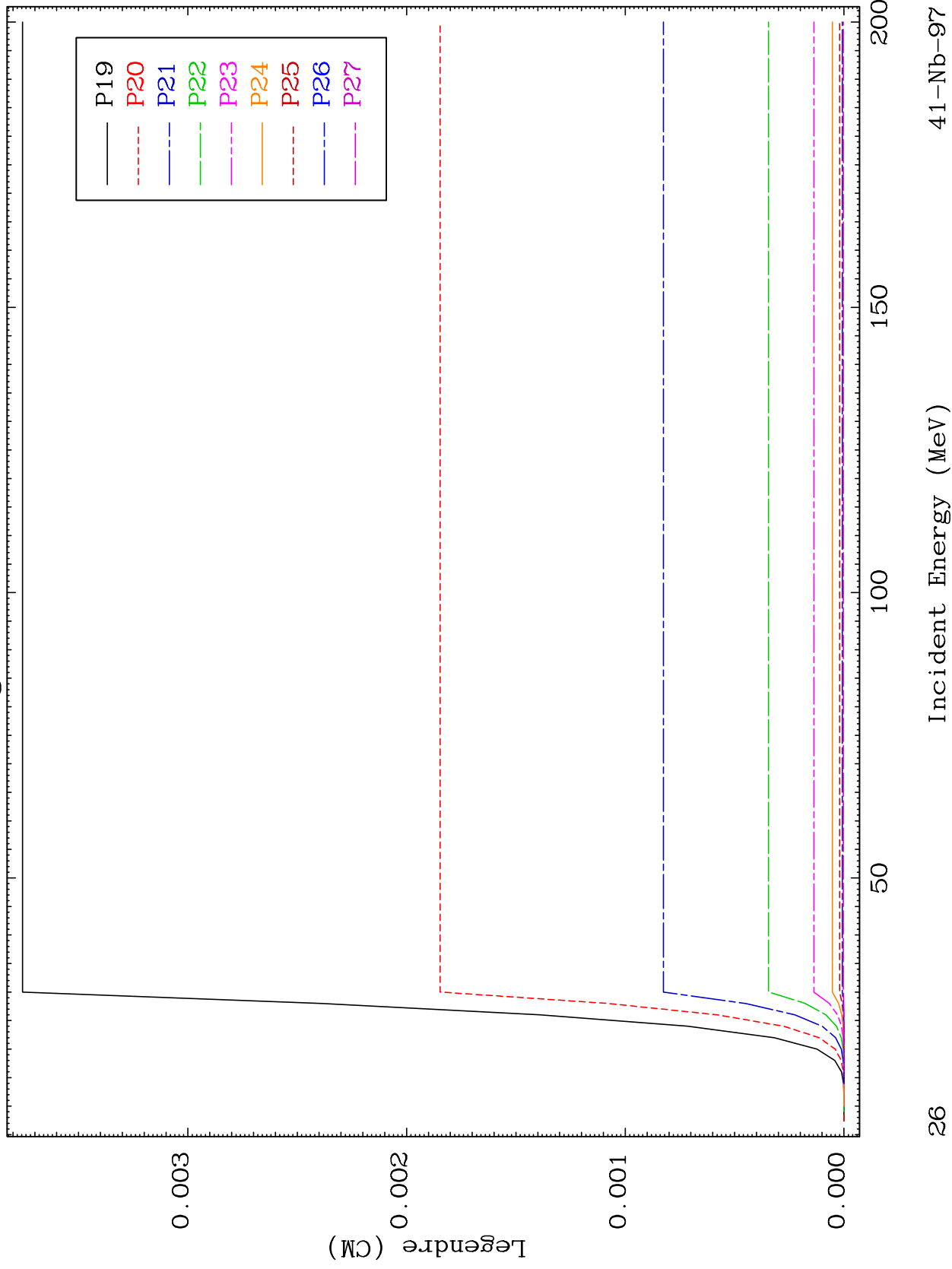
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



26

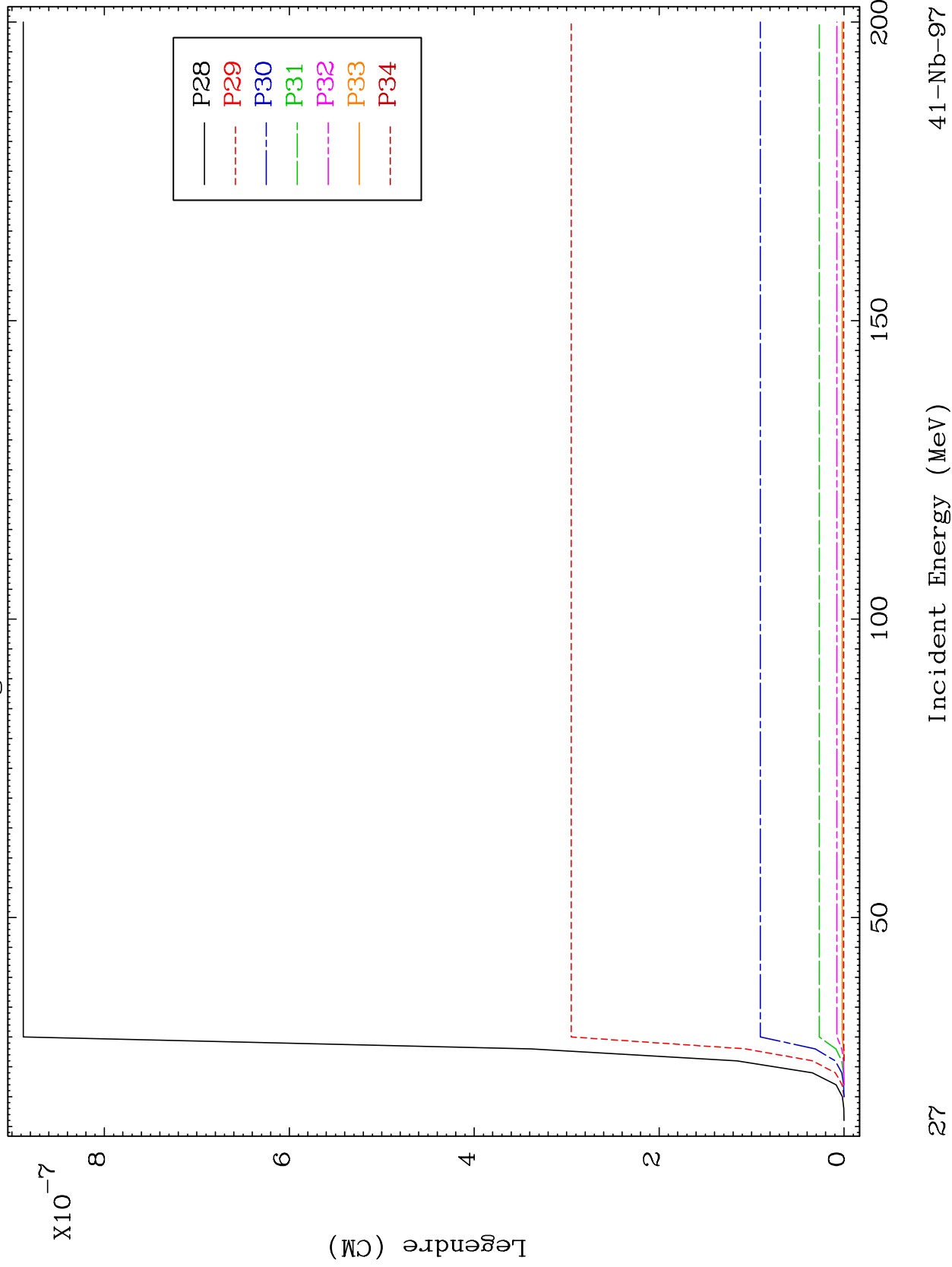
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

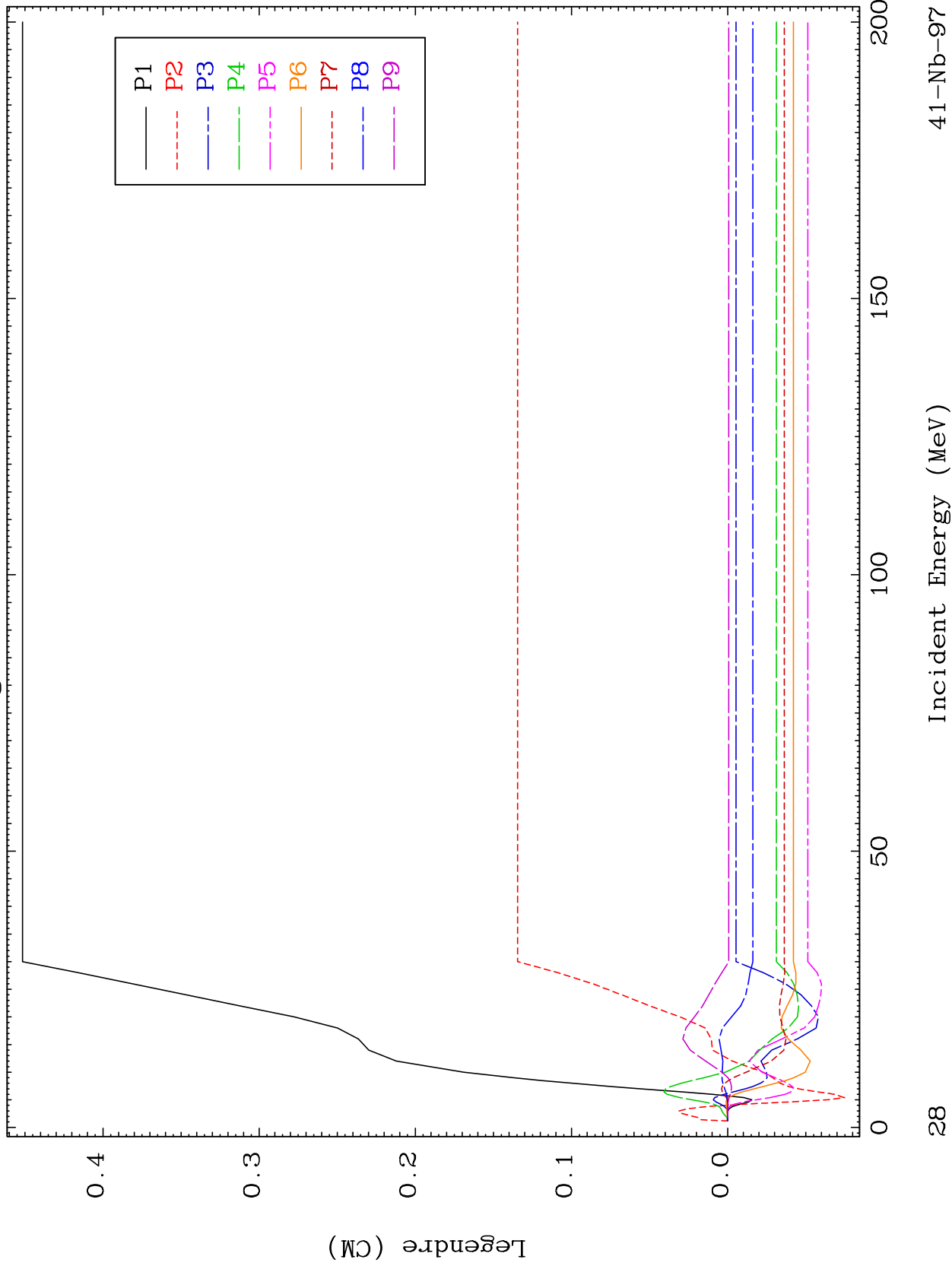
41-Nb-97



MAT 4137

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

41-Nb-97



41-Nb-97

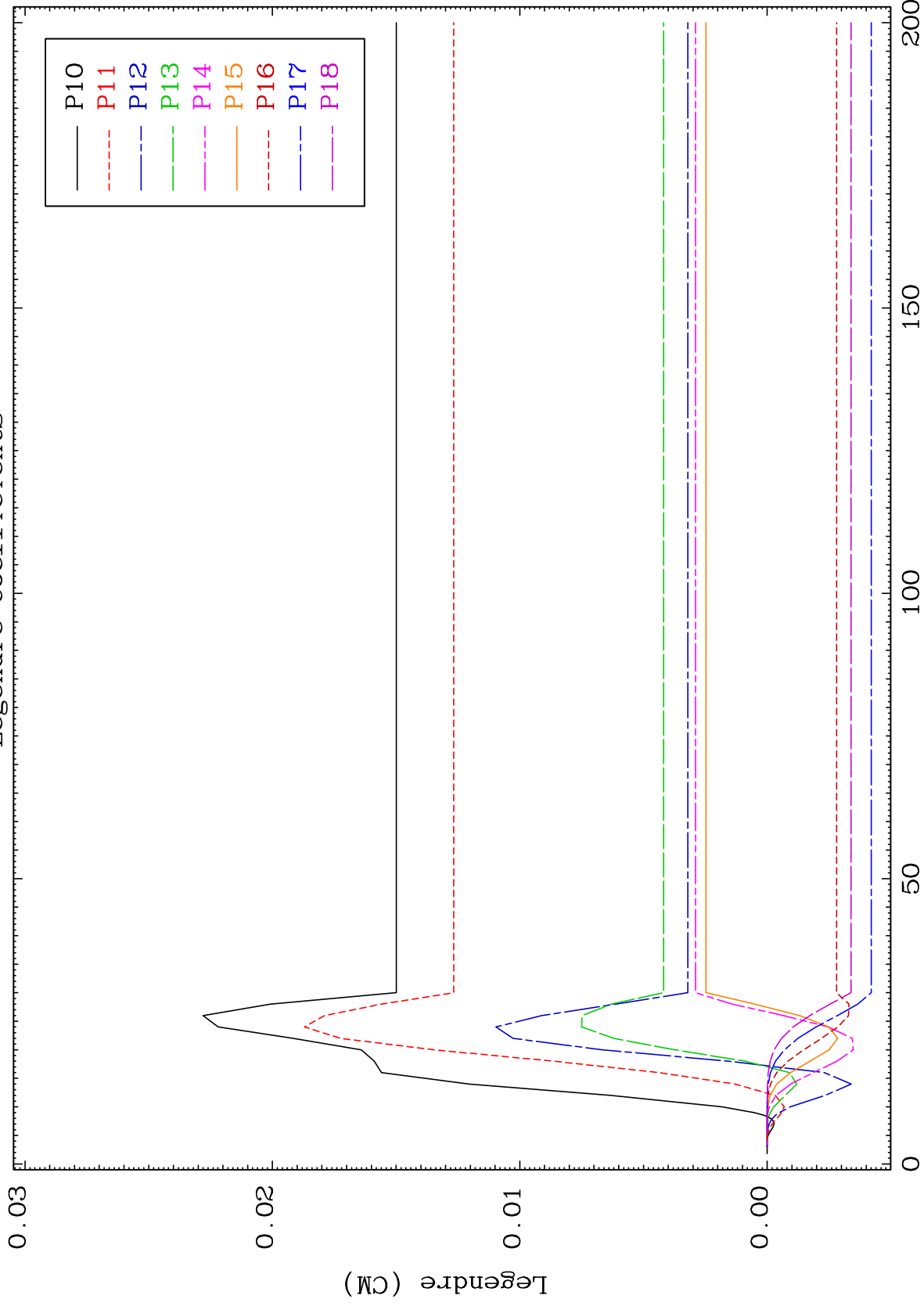
Incident Energy (MeV)

28

MAT 4137

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

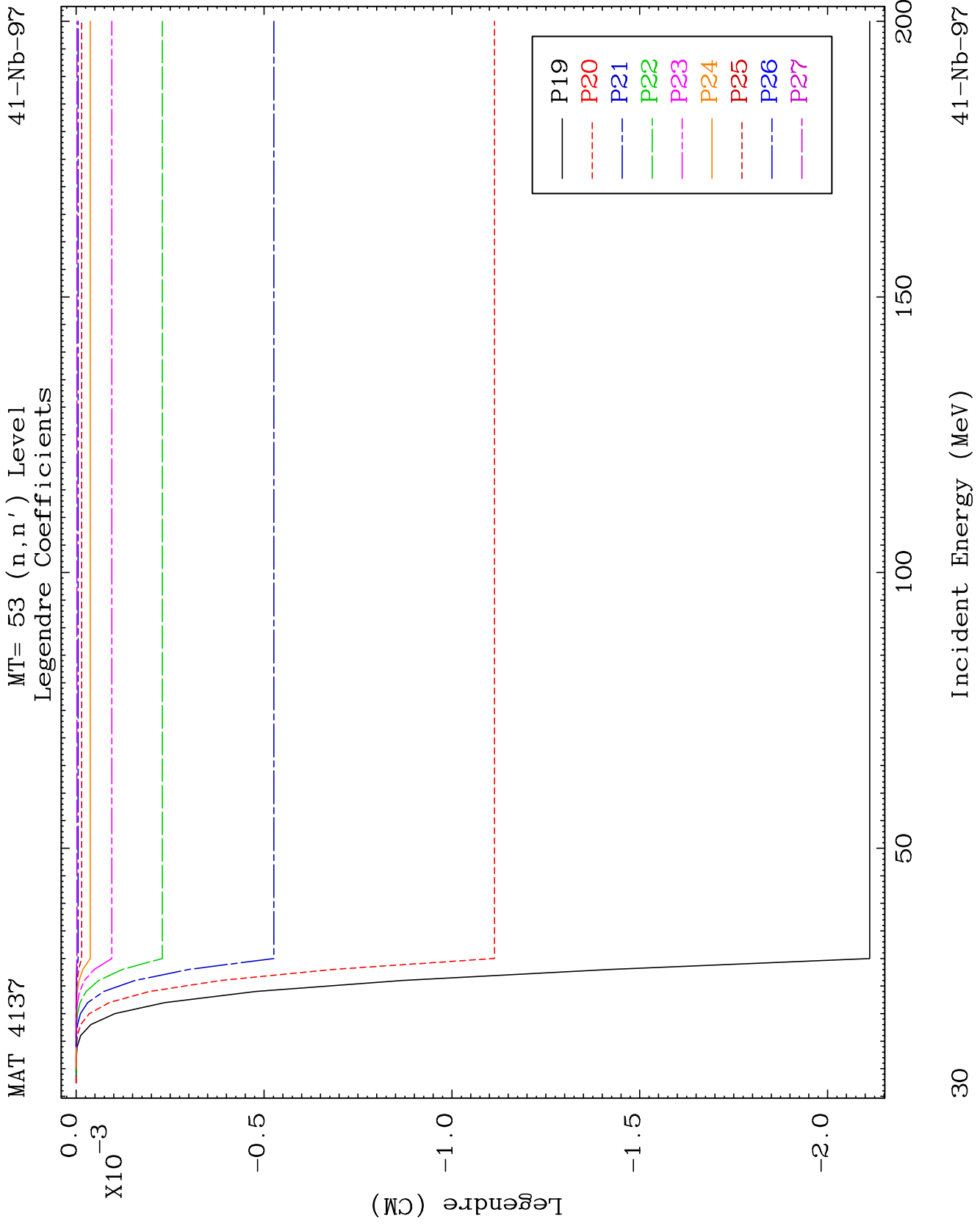
41-Nb-97



29

Incident Energy (MeV)

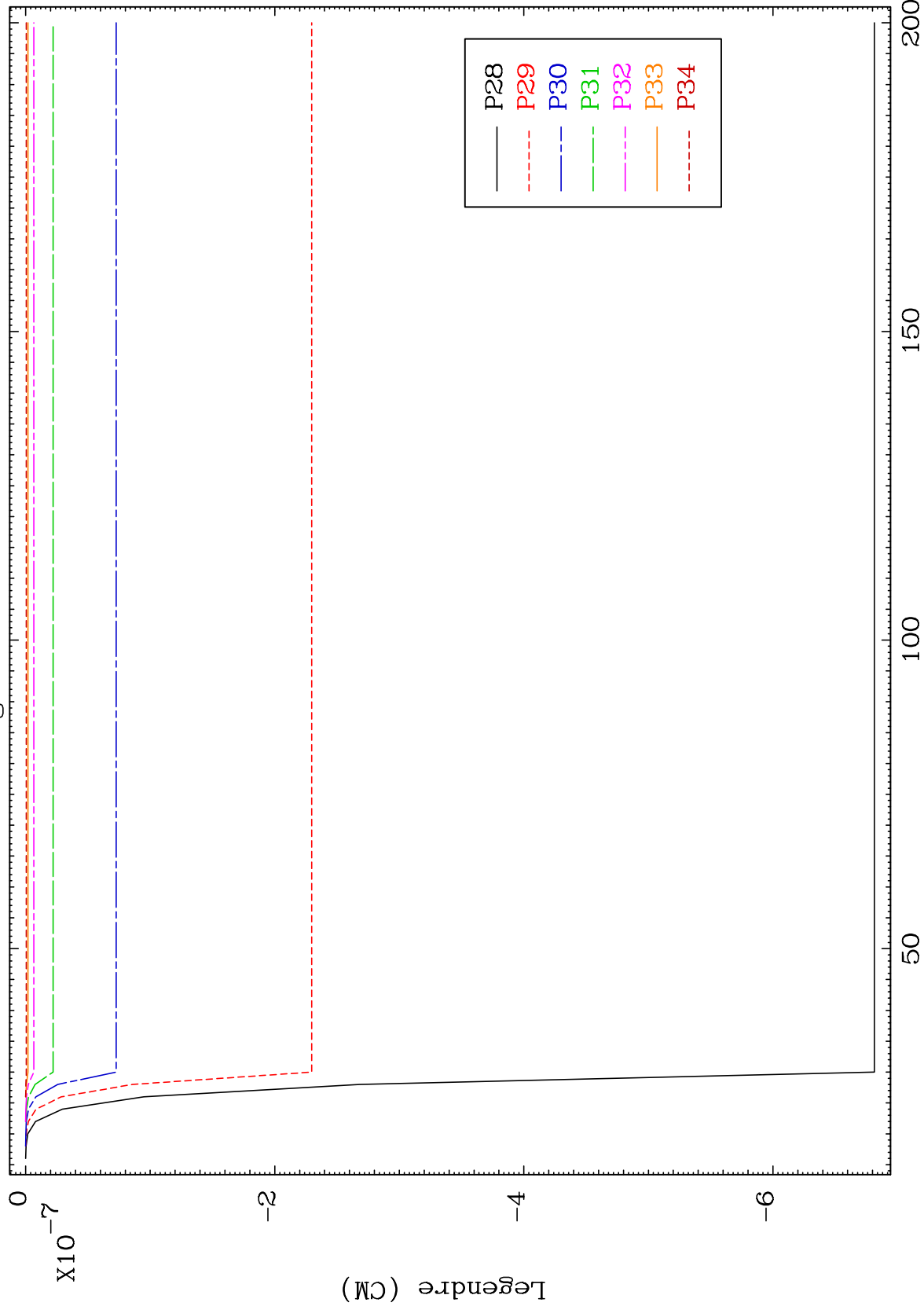
41-Nb-97



MAT 4137

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

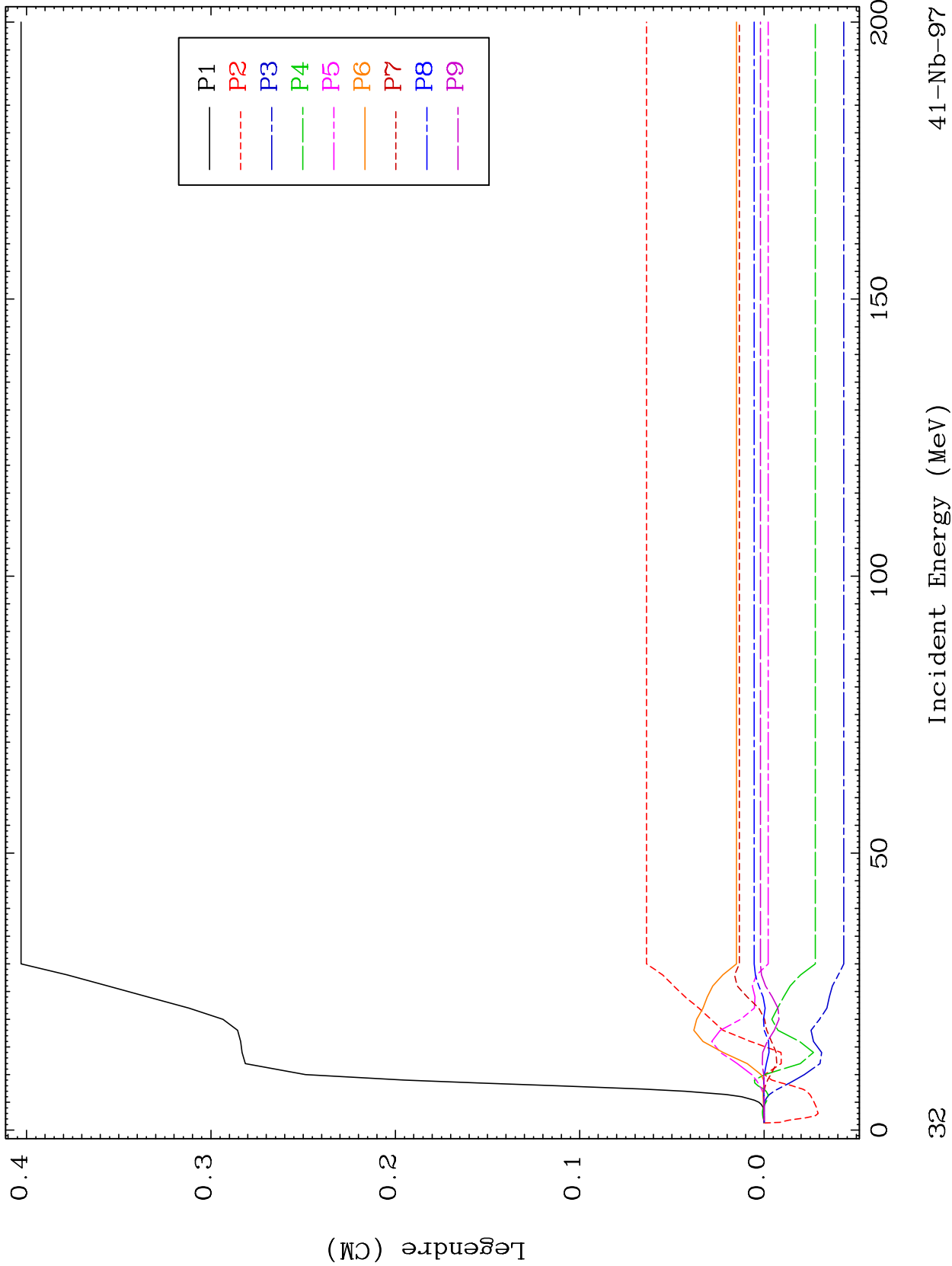
41-Nb-97



31

Incident Energy (MeV)

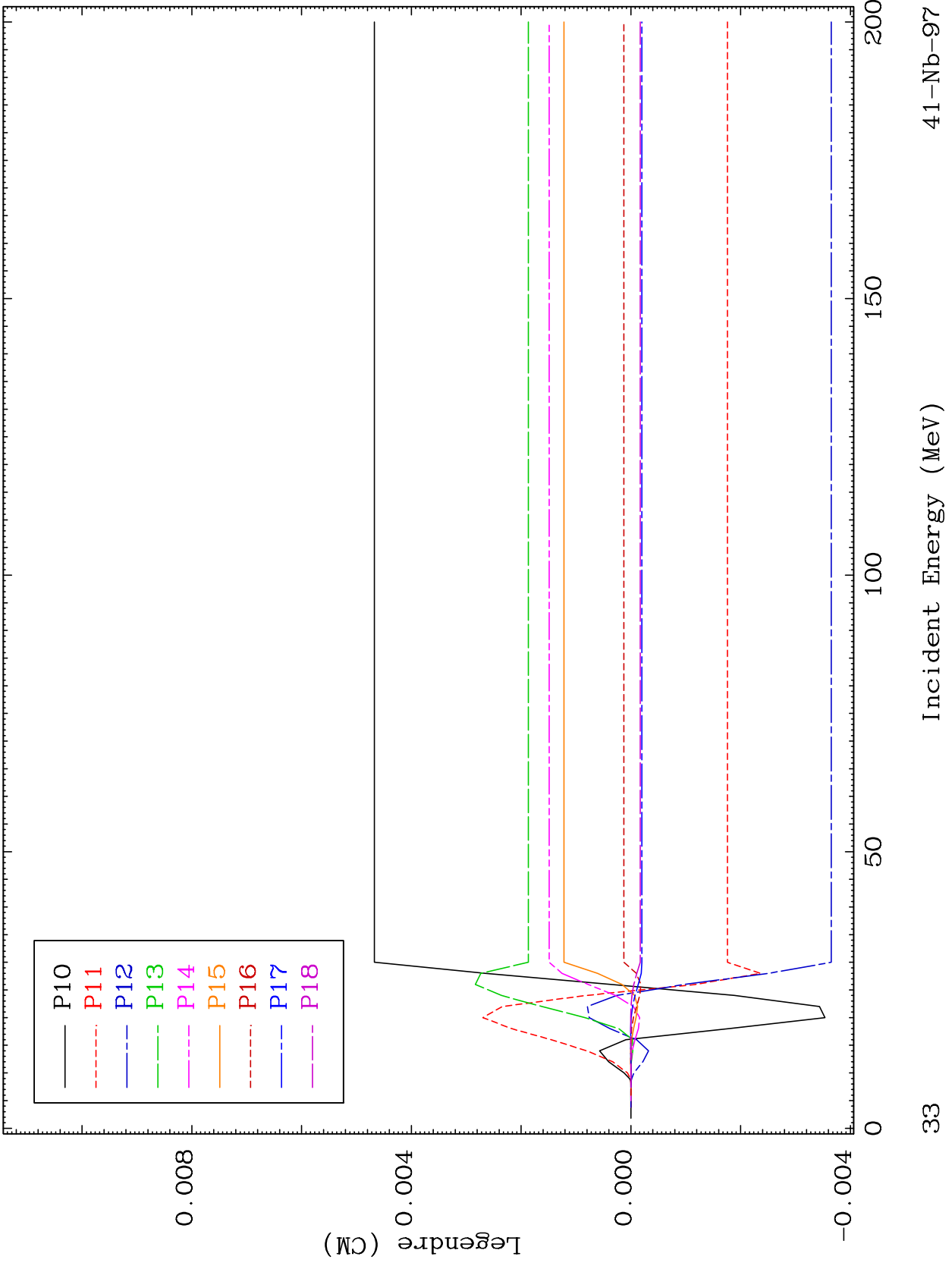
41-Nb-97



MAT 4137

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

41-Nb-97



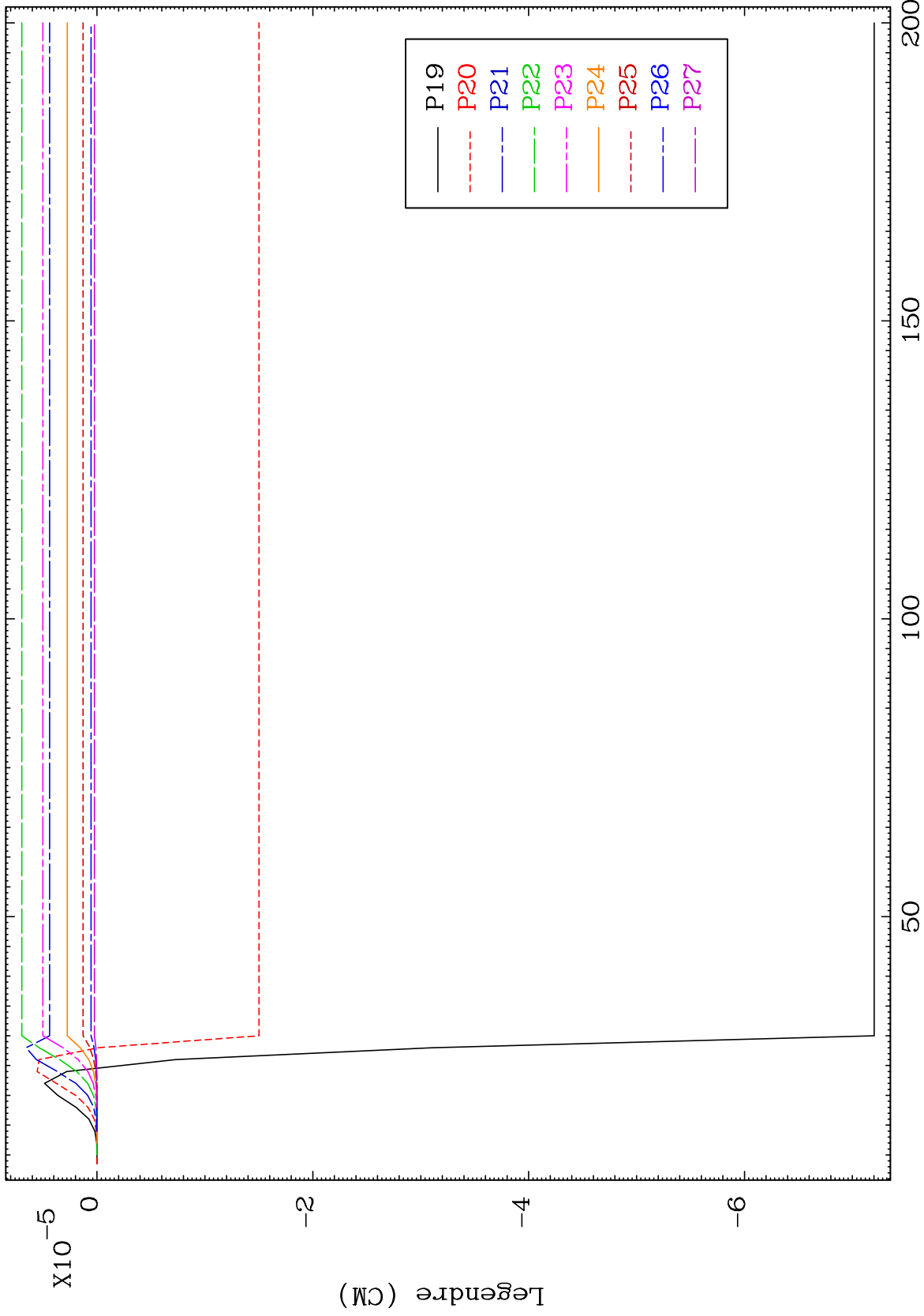
33

41-Nb-97

MAT 4137

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

41-Nb-97



34

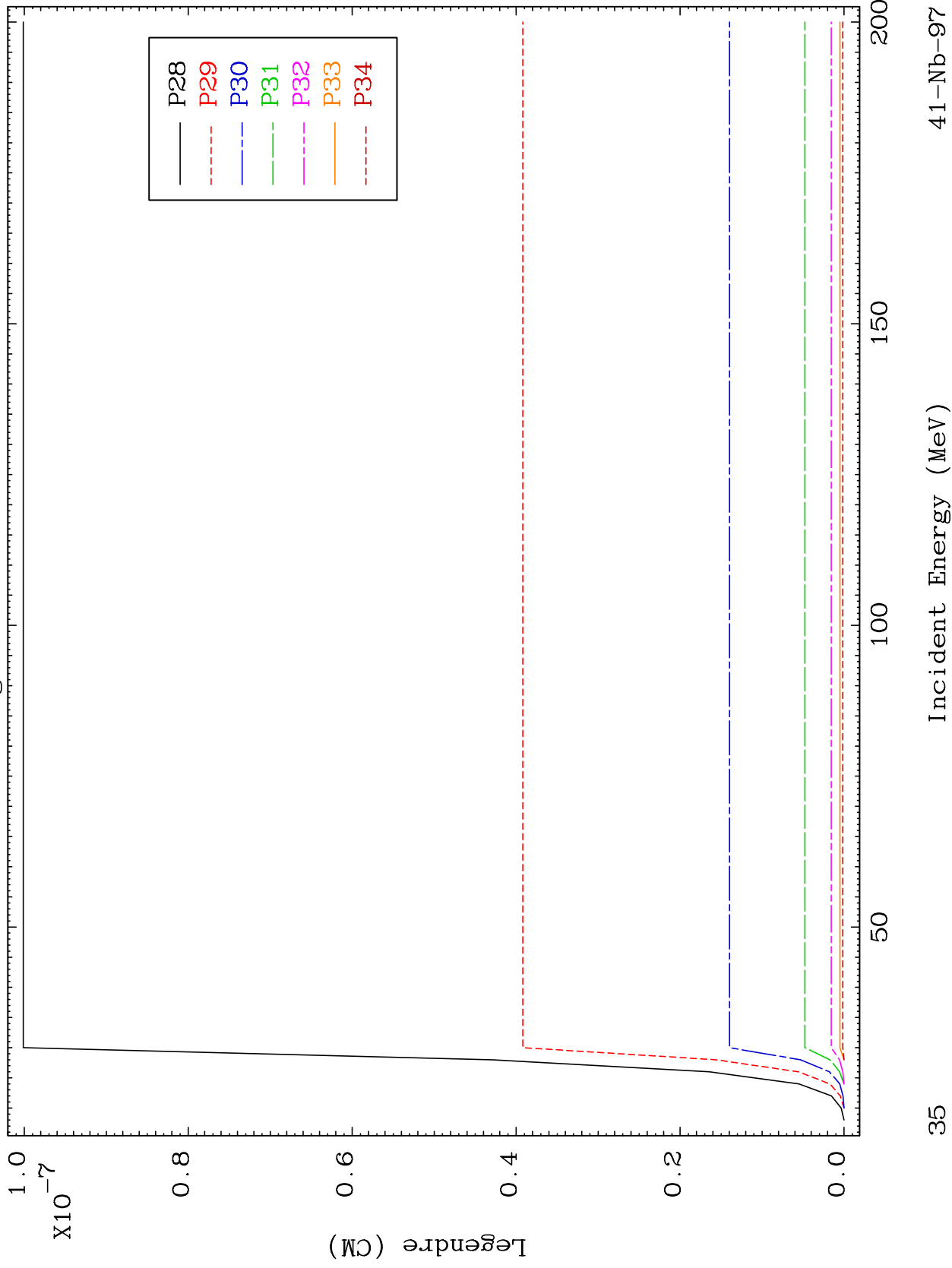
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

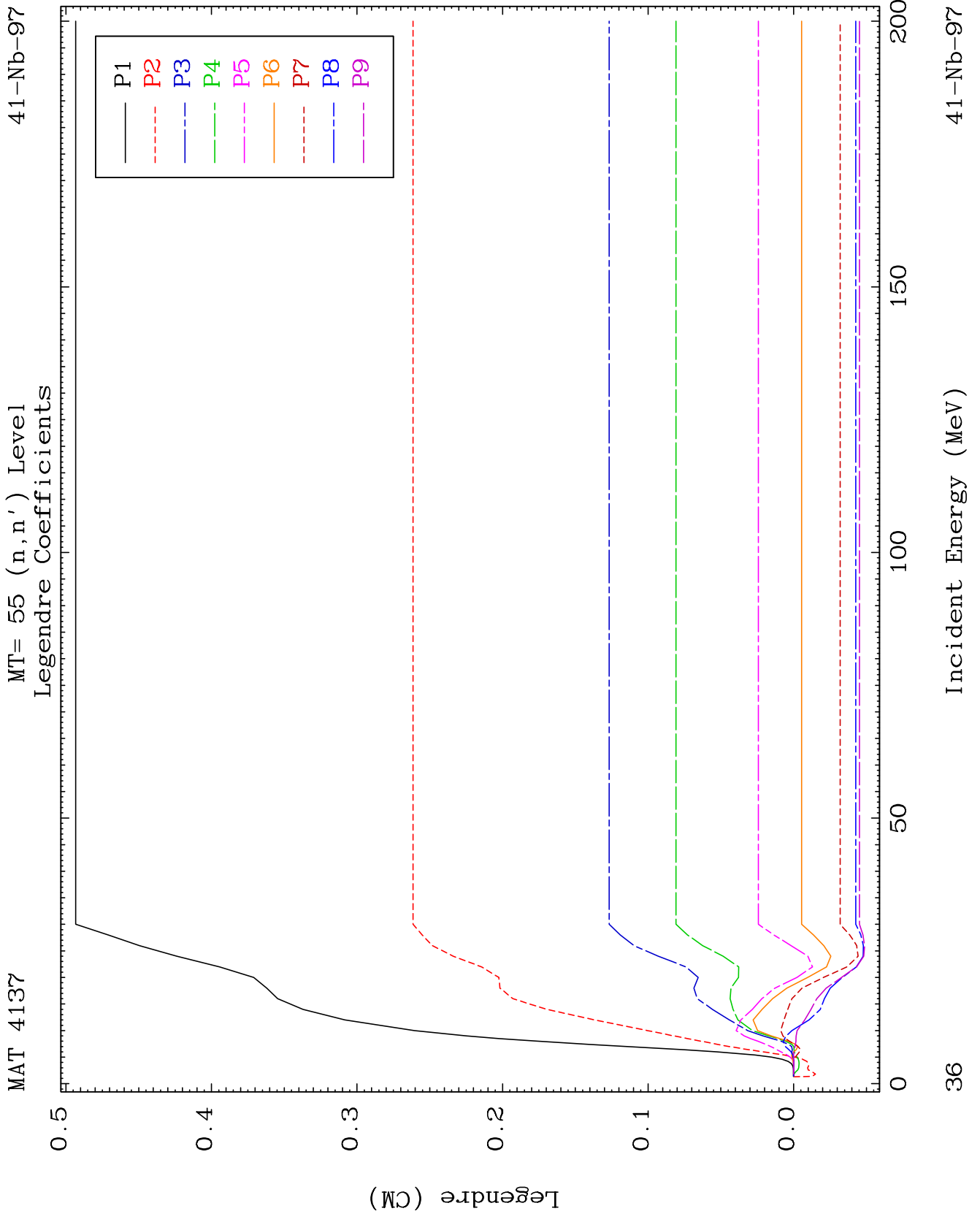
41-Nb-97



35

Incident Energy (MeV)

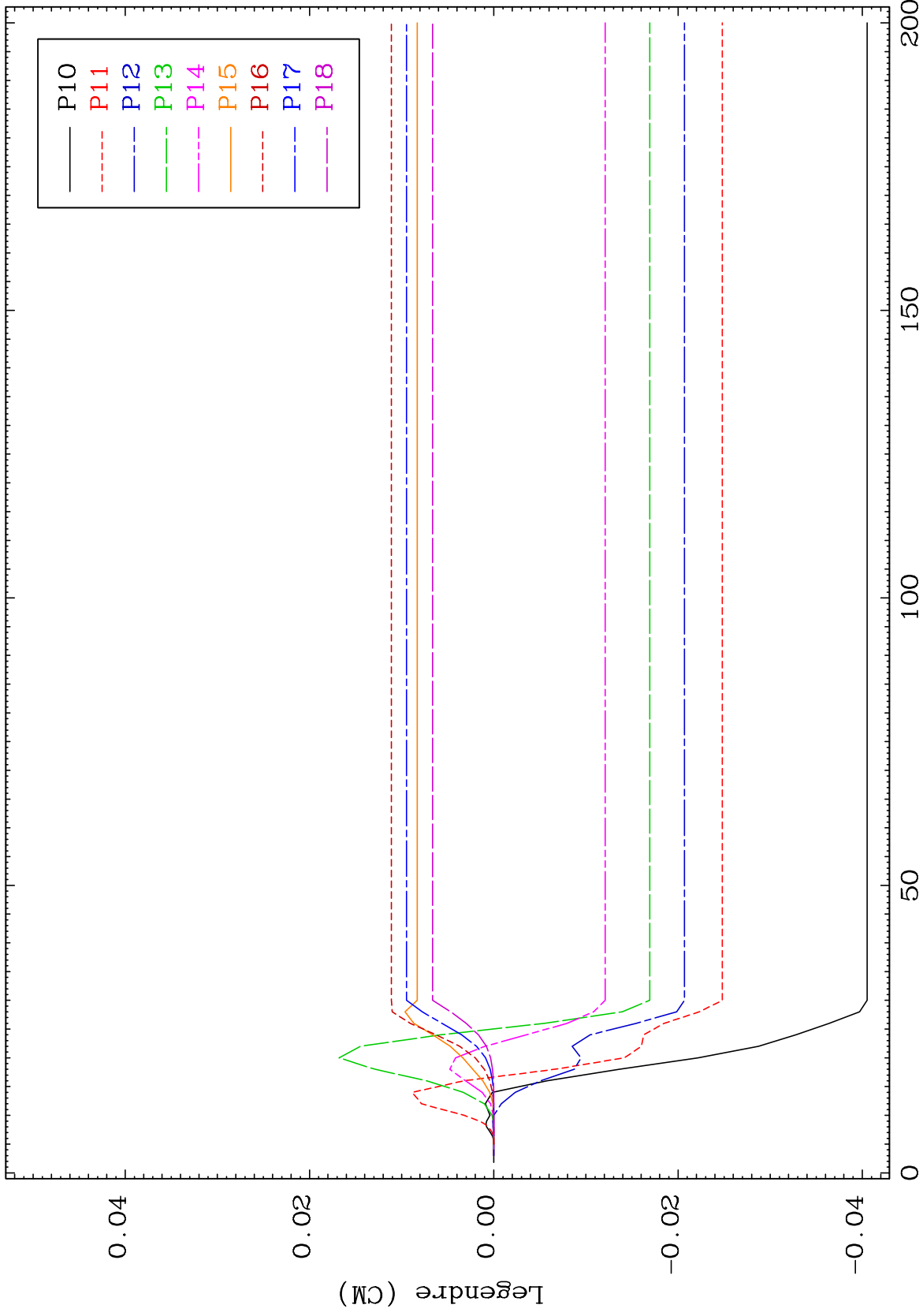
41-Nb-97



MAT 4137

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

41-Nb-97



37

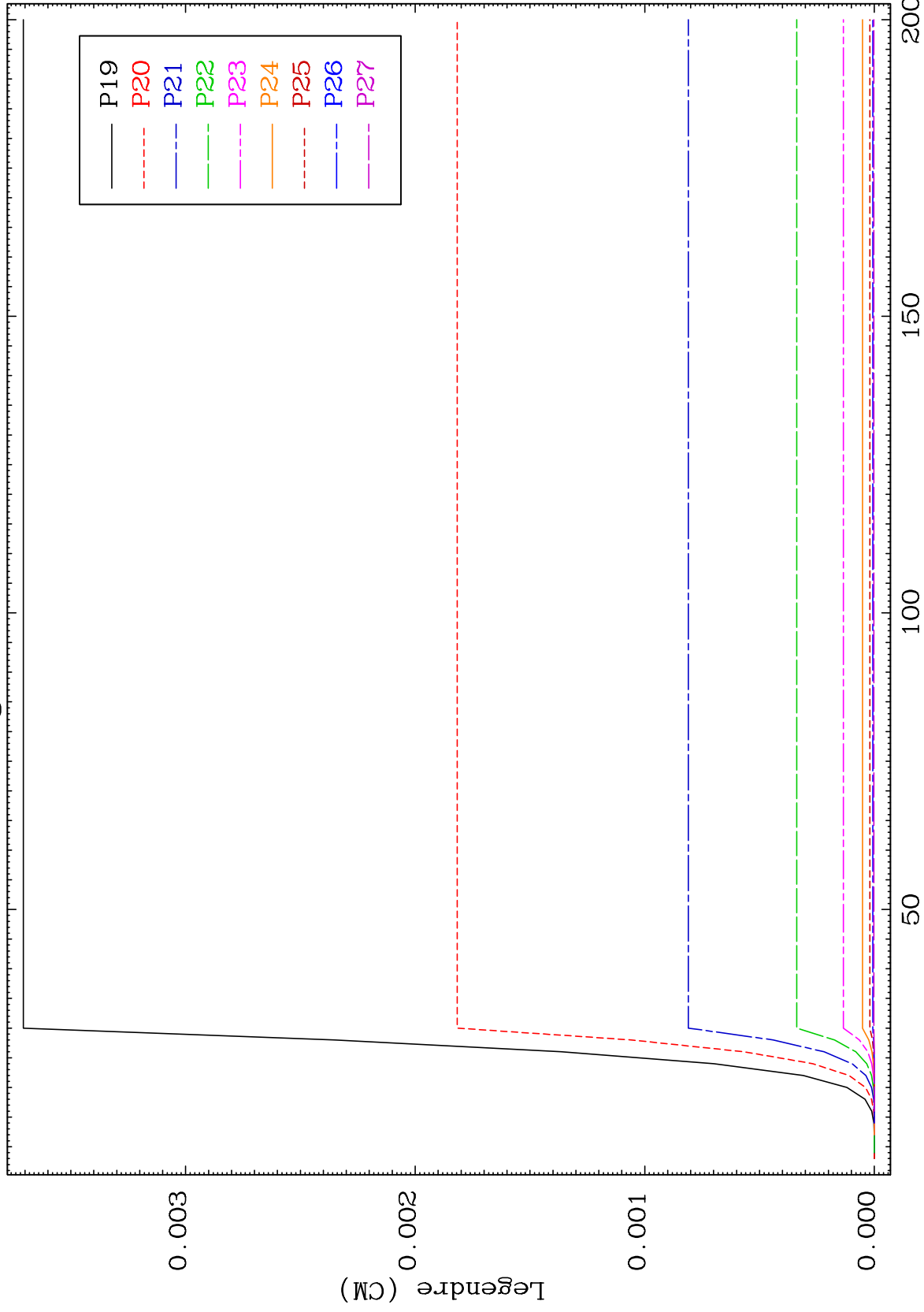
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



38

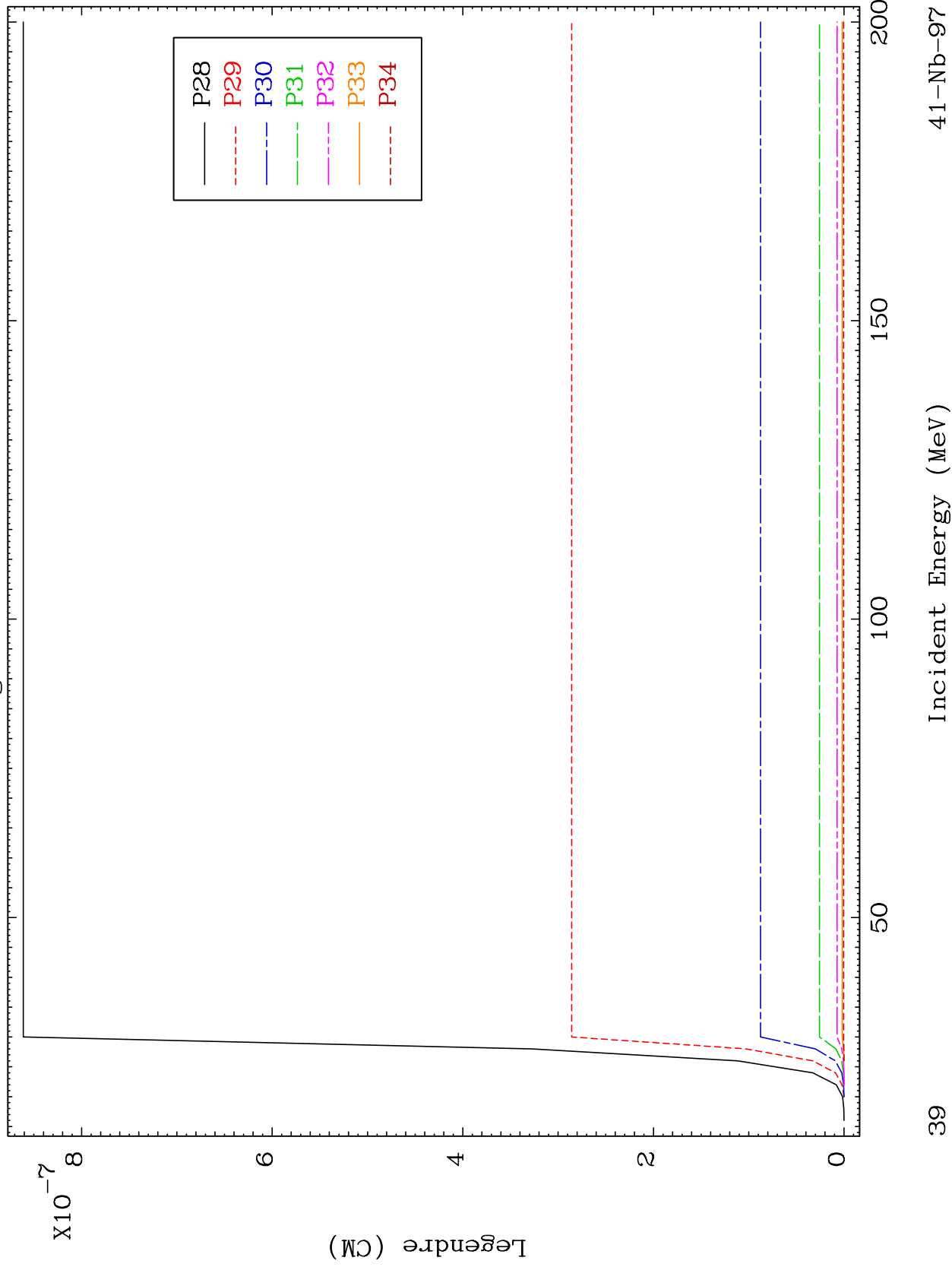
Incident Energy (MeV)

41-Nb-97

MAT 4137

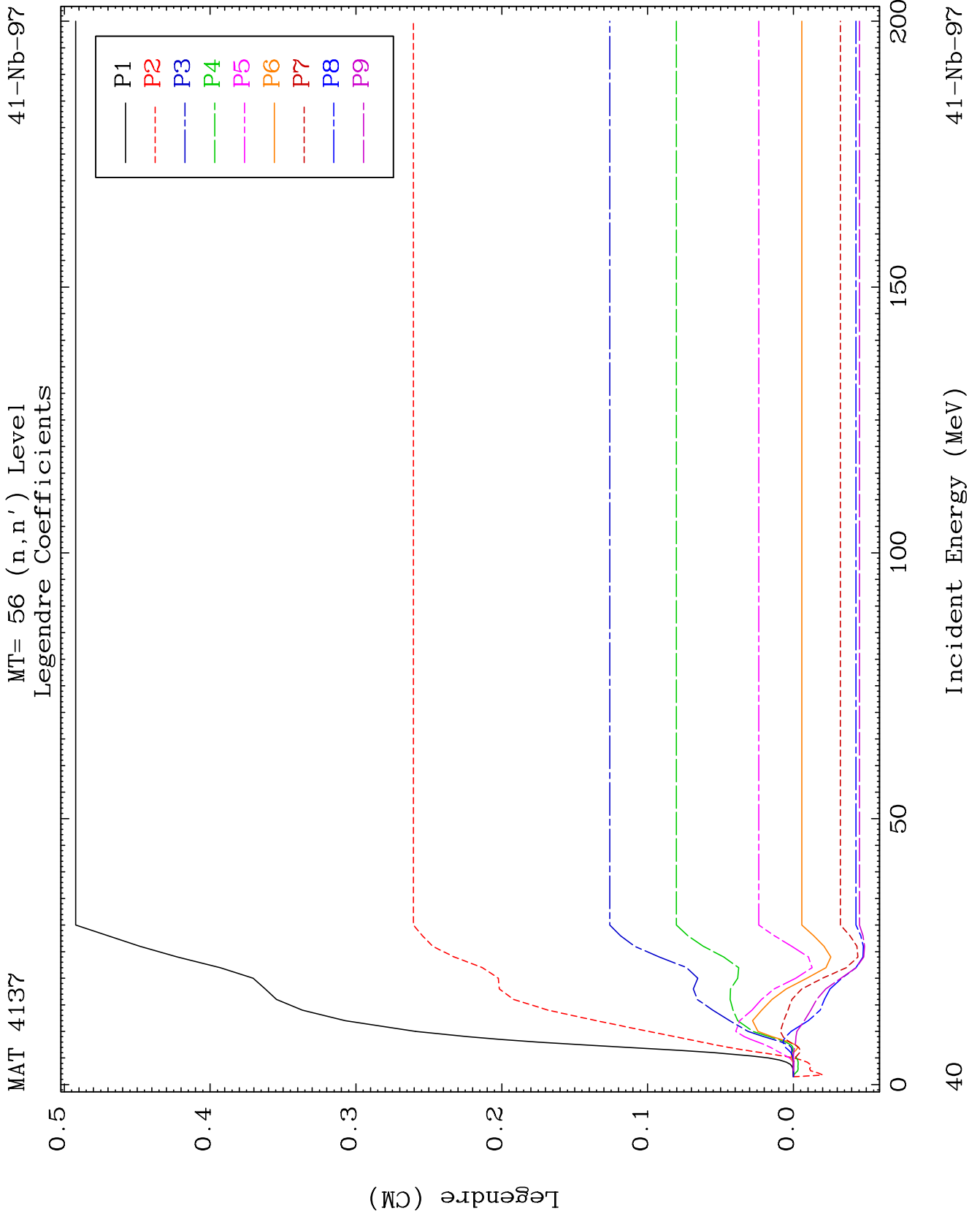
MT= 55 (n,n') Level
Legendre Coefficients

41-Nb-97



39

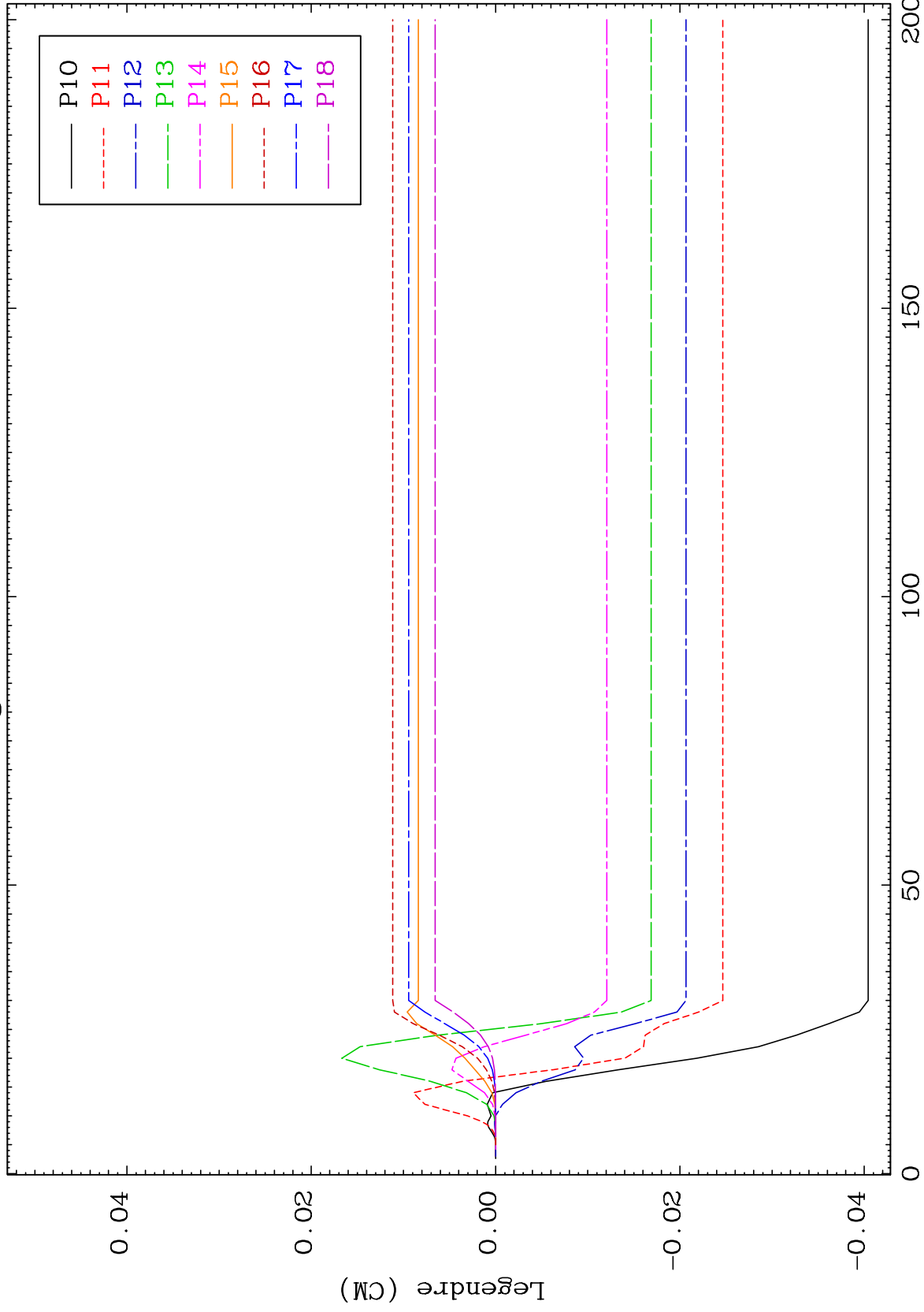
41-Nb-97



MAT 4137

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

41-Nb-97



41

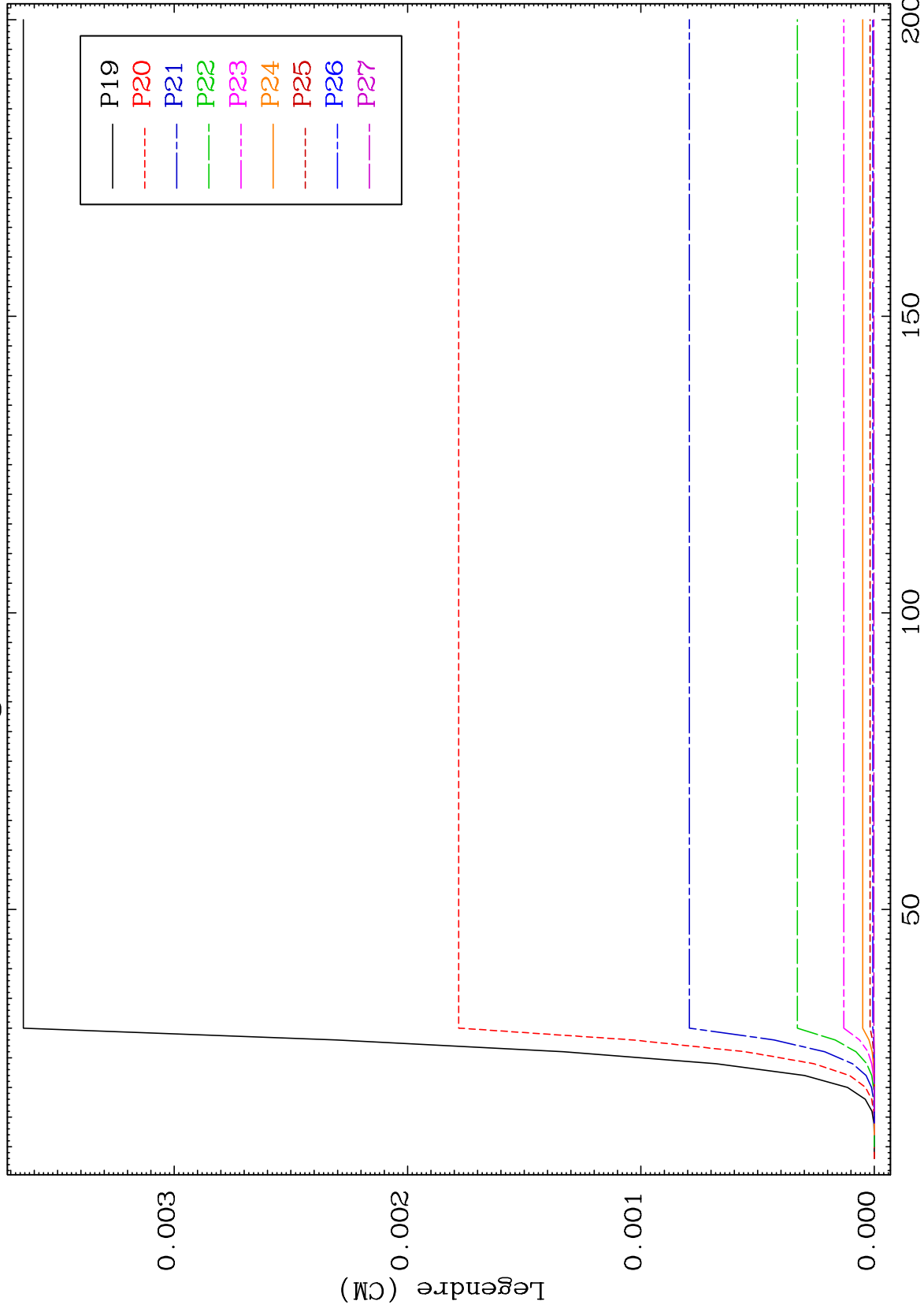
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



42

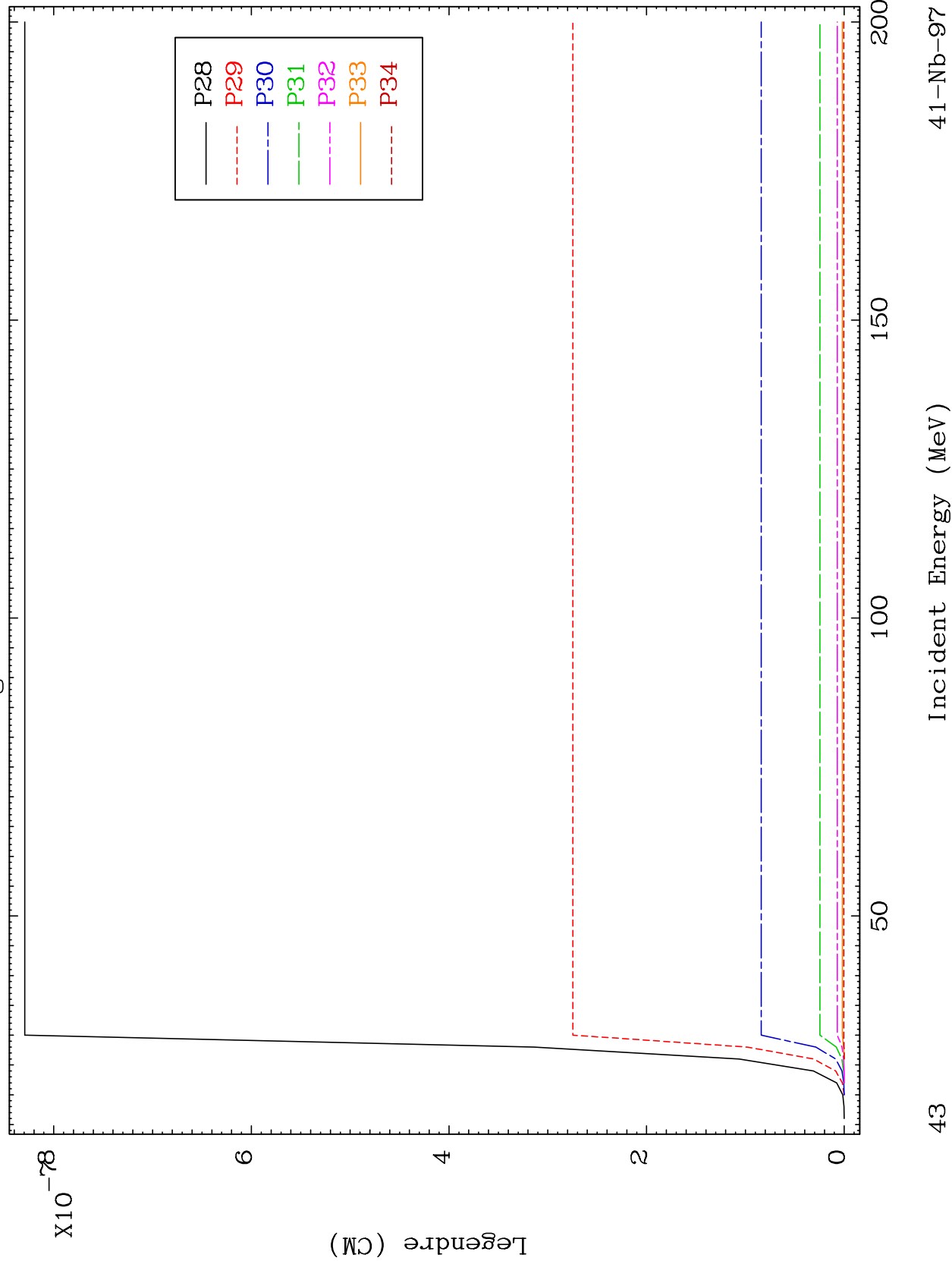
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



43

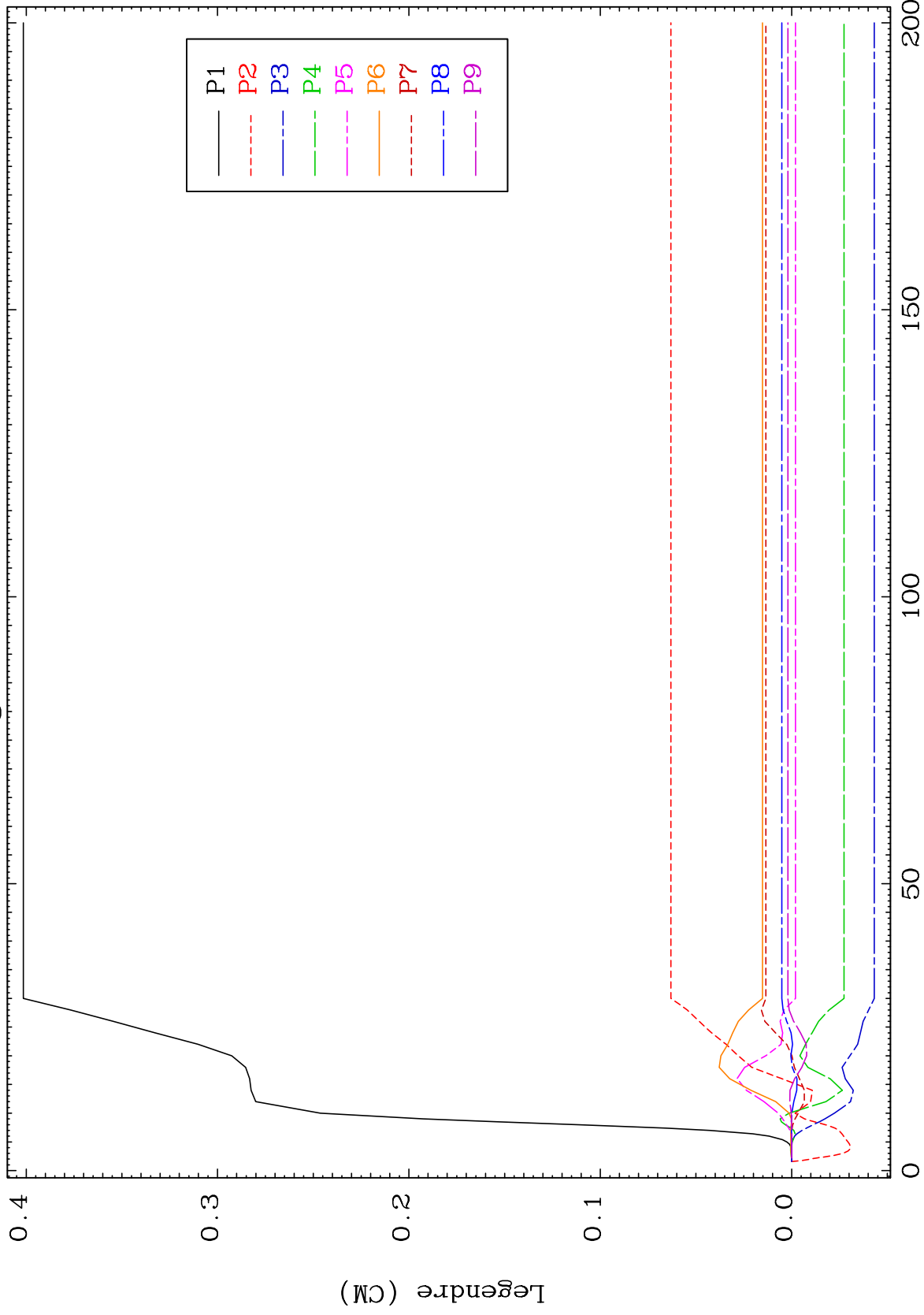
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



44

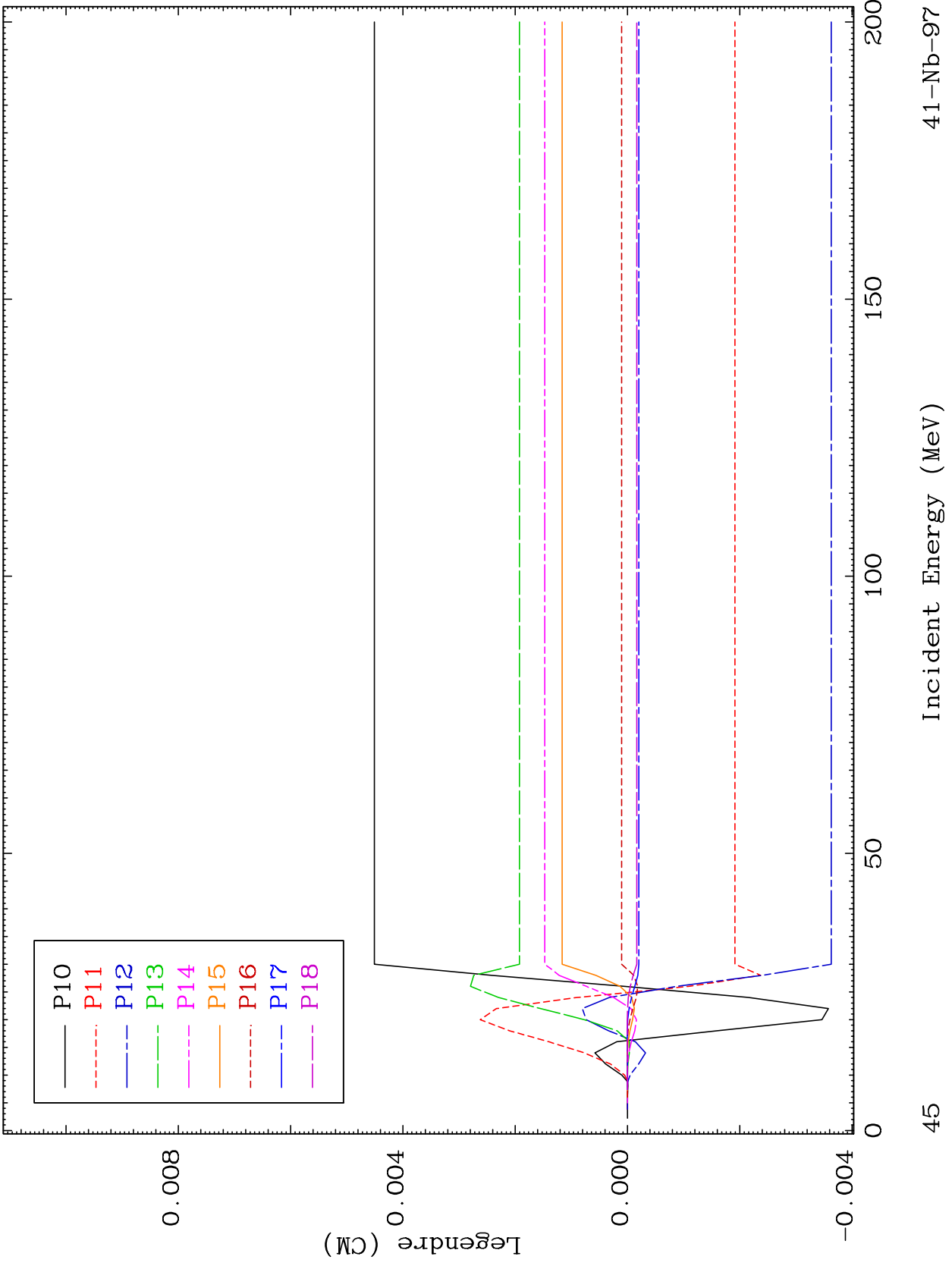
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



45

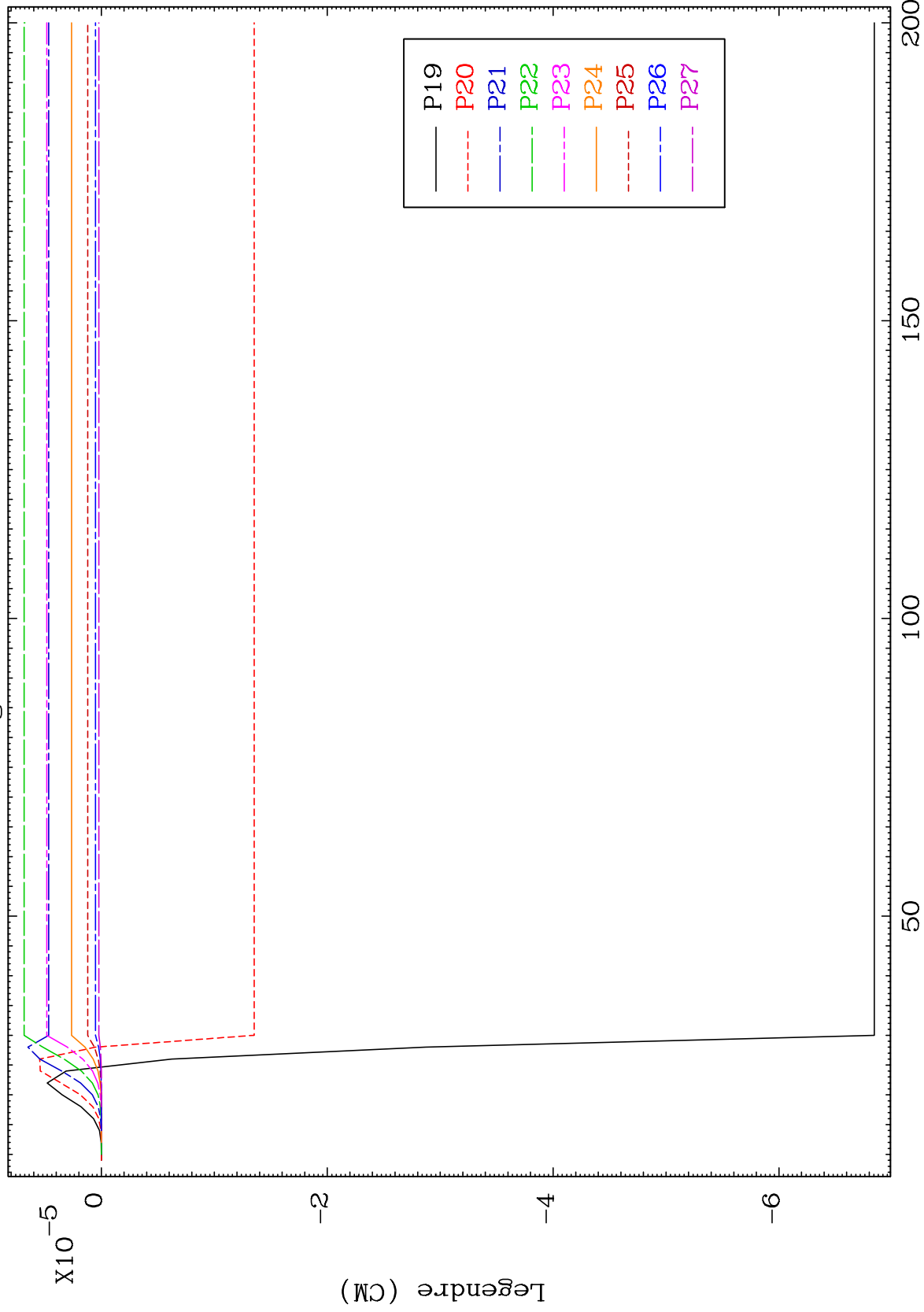
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



46

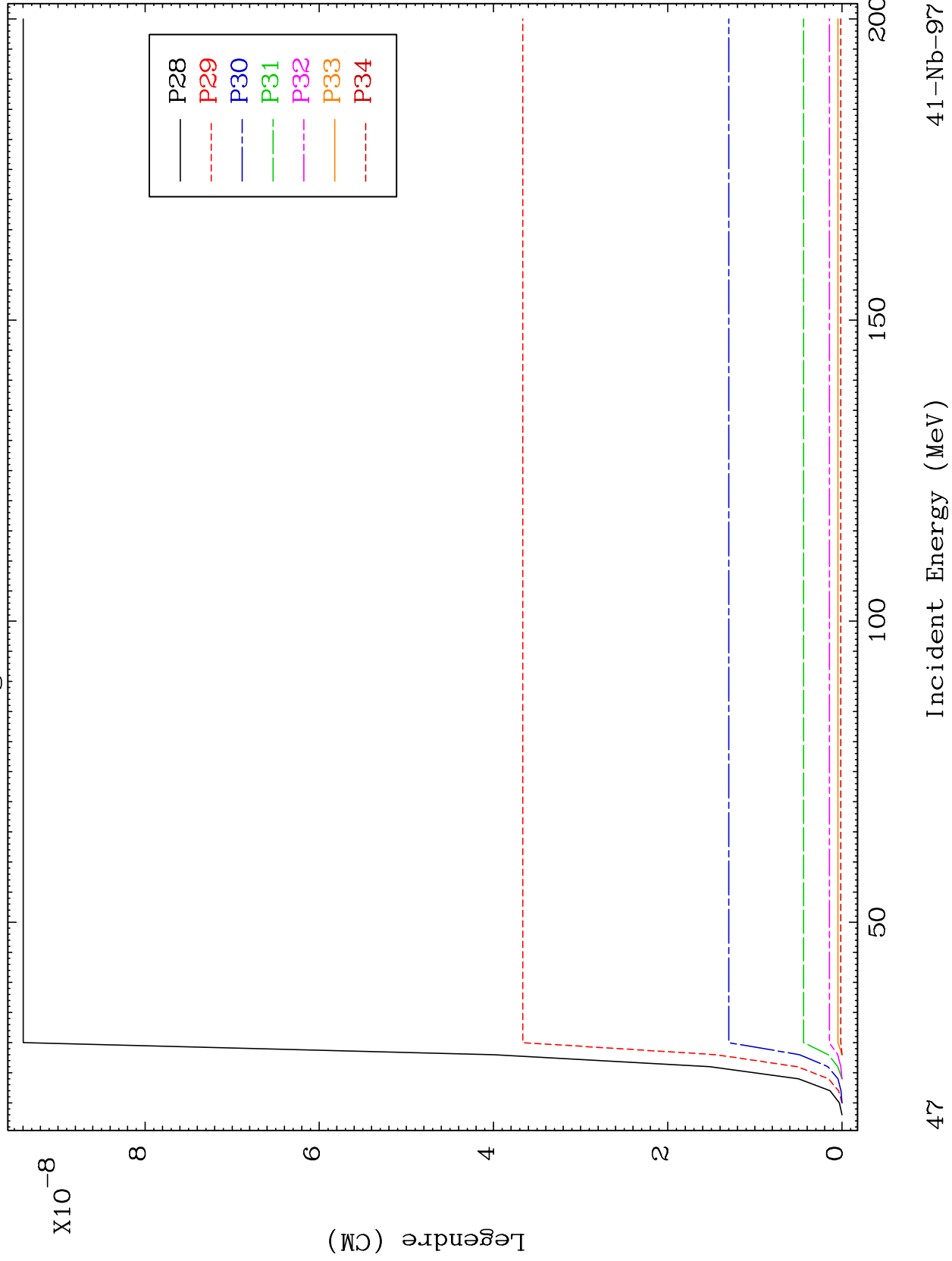
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



47

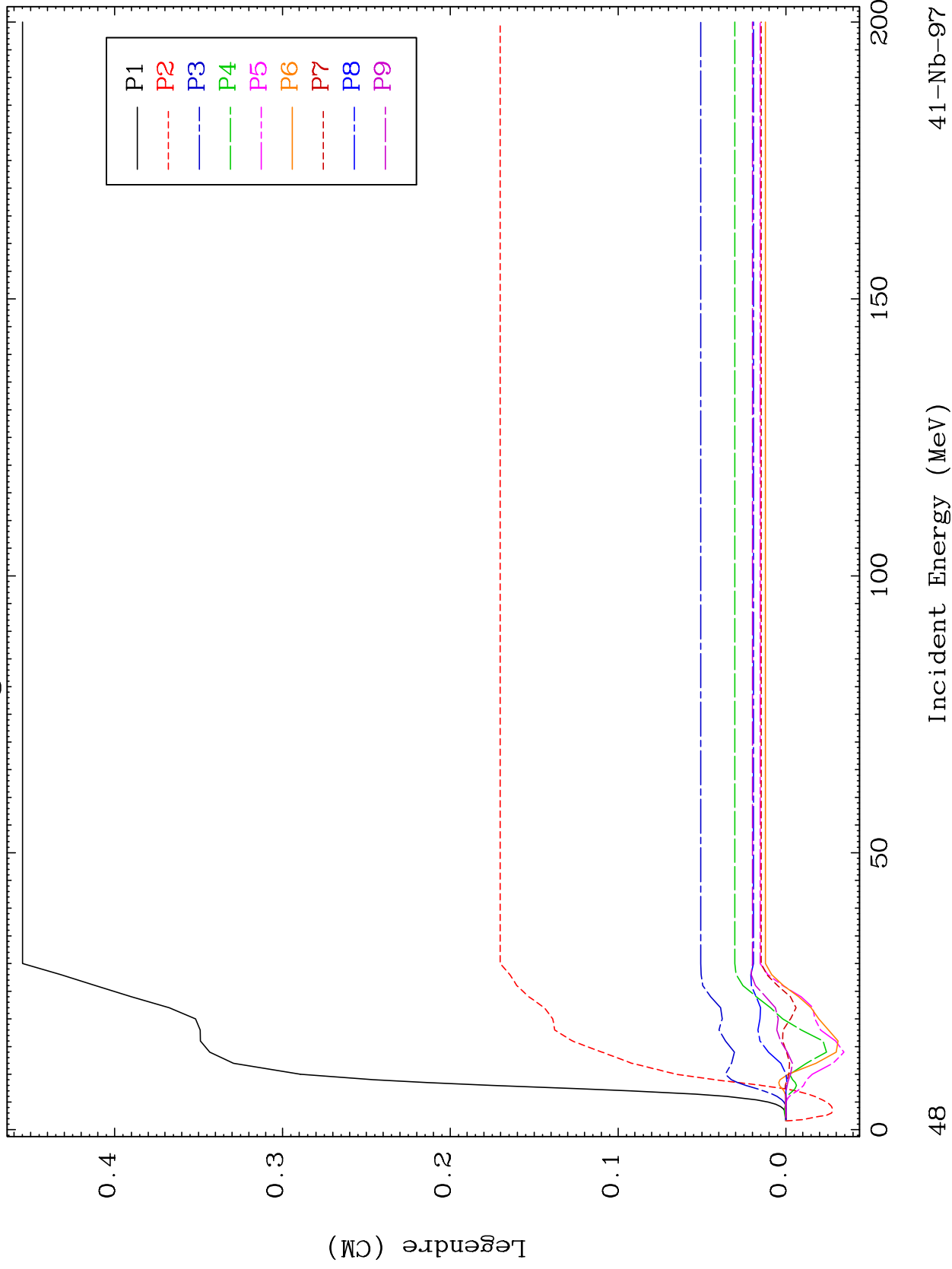
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



41-Nb-97

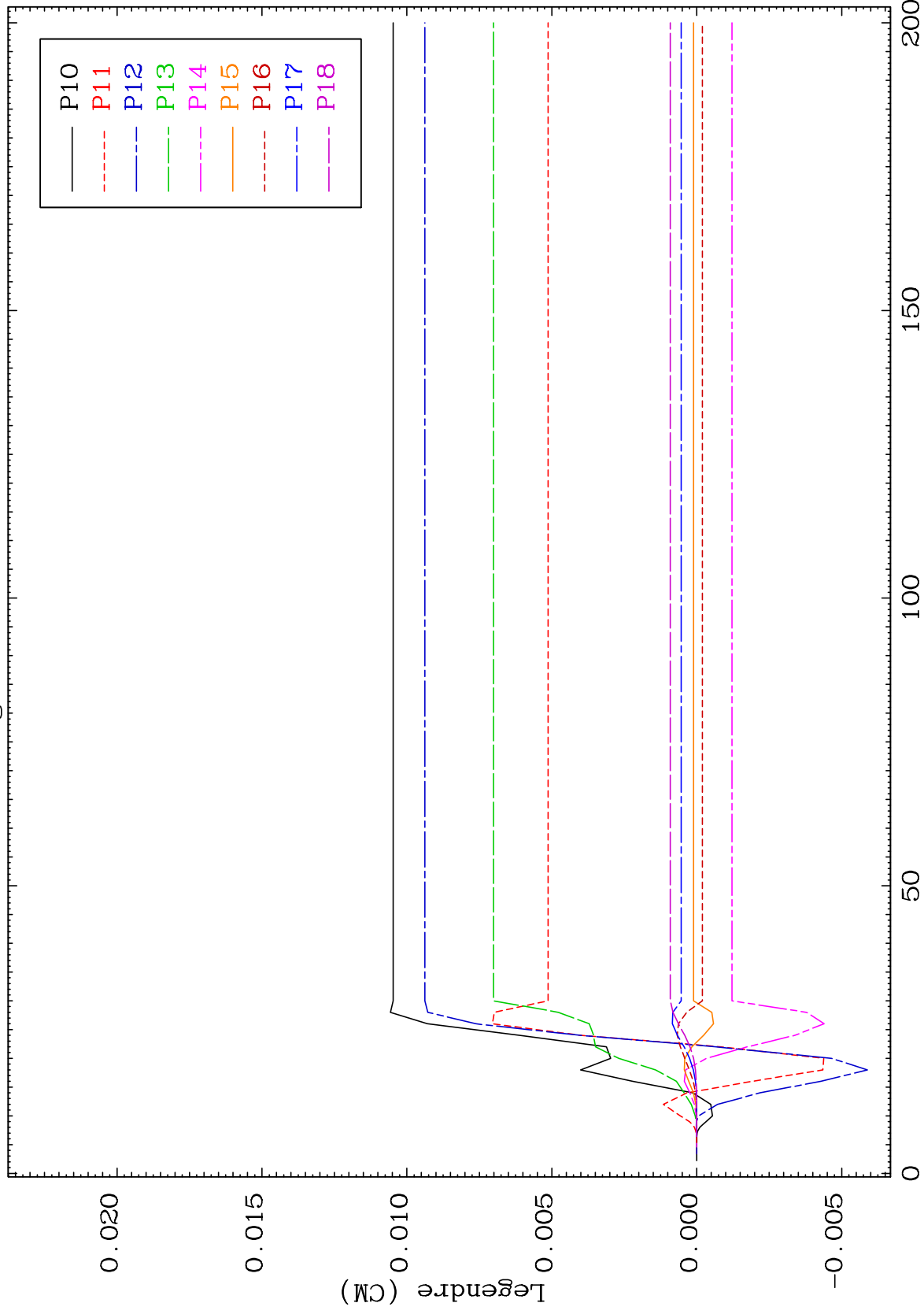
Incident Energy (MeV)

48

MAT 4137

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

41-Nb-97



49

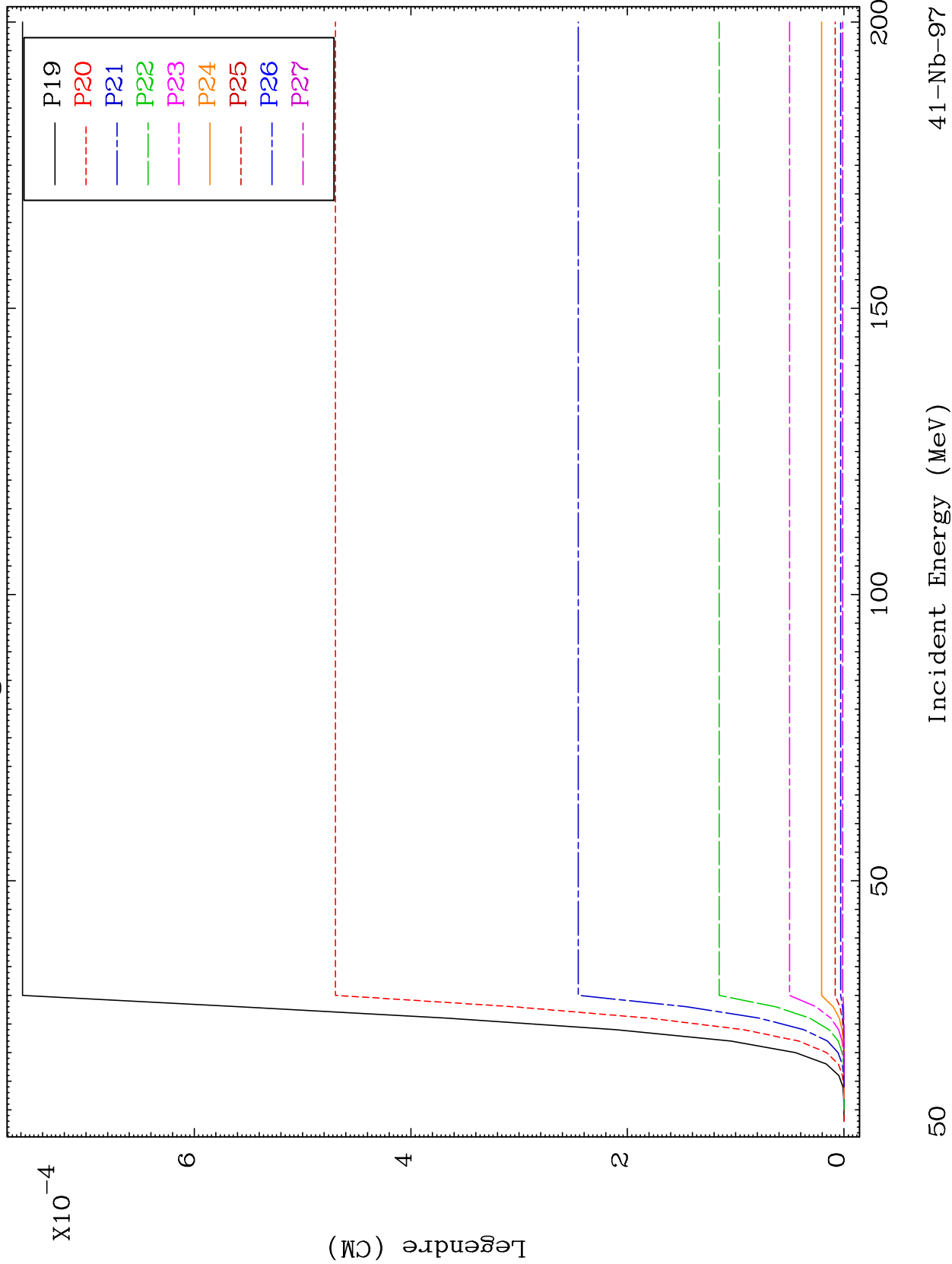
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

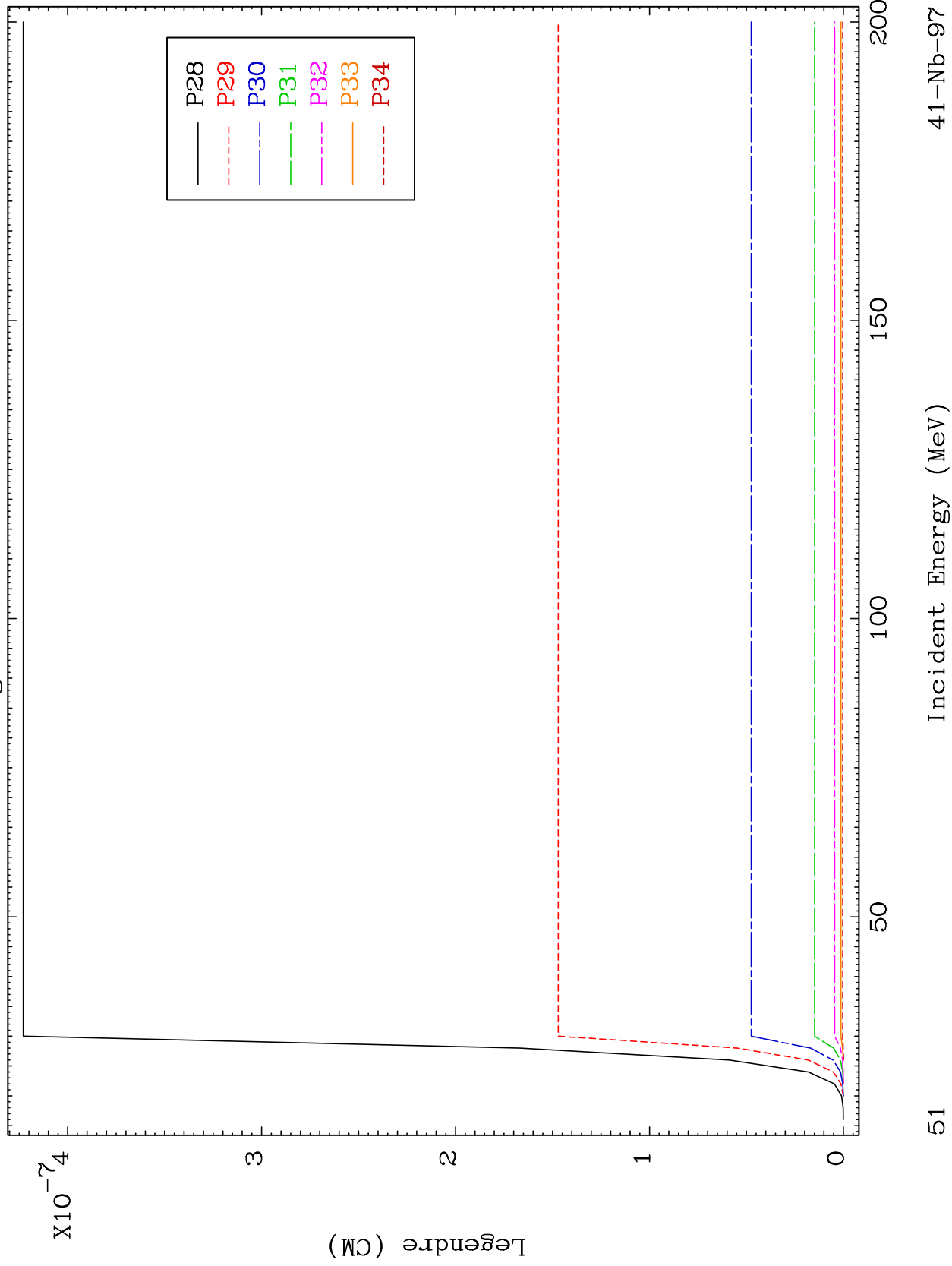
41-Nb-97



MAT 4137

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

41-Nb-97

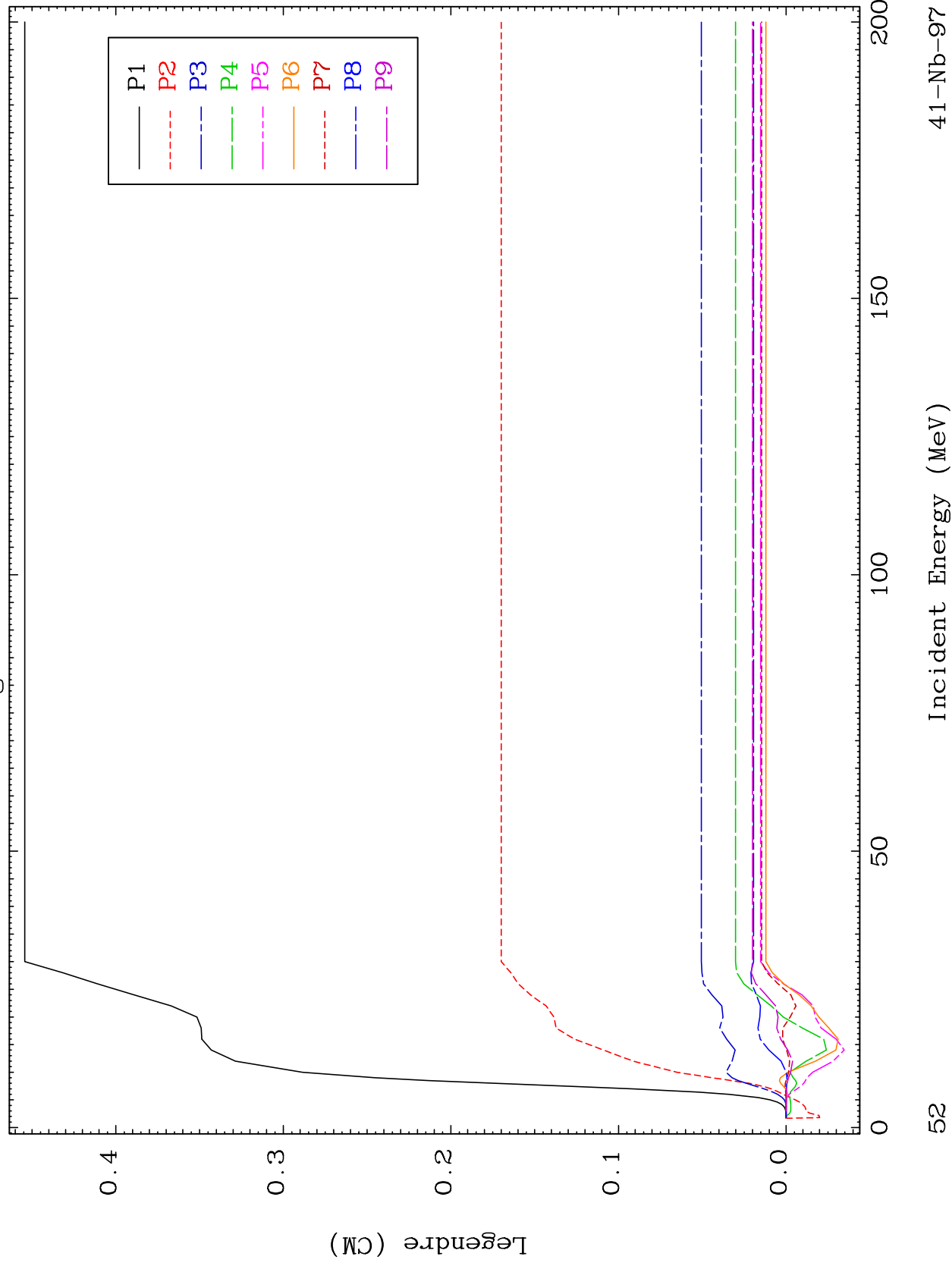


51

MAT 4137

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

41-Nb-97



52

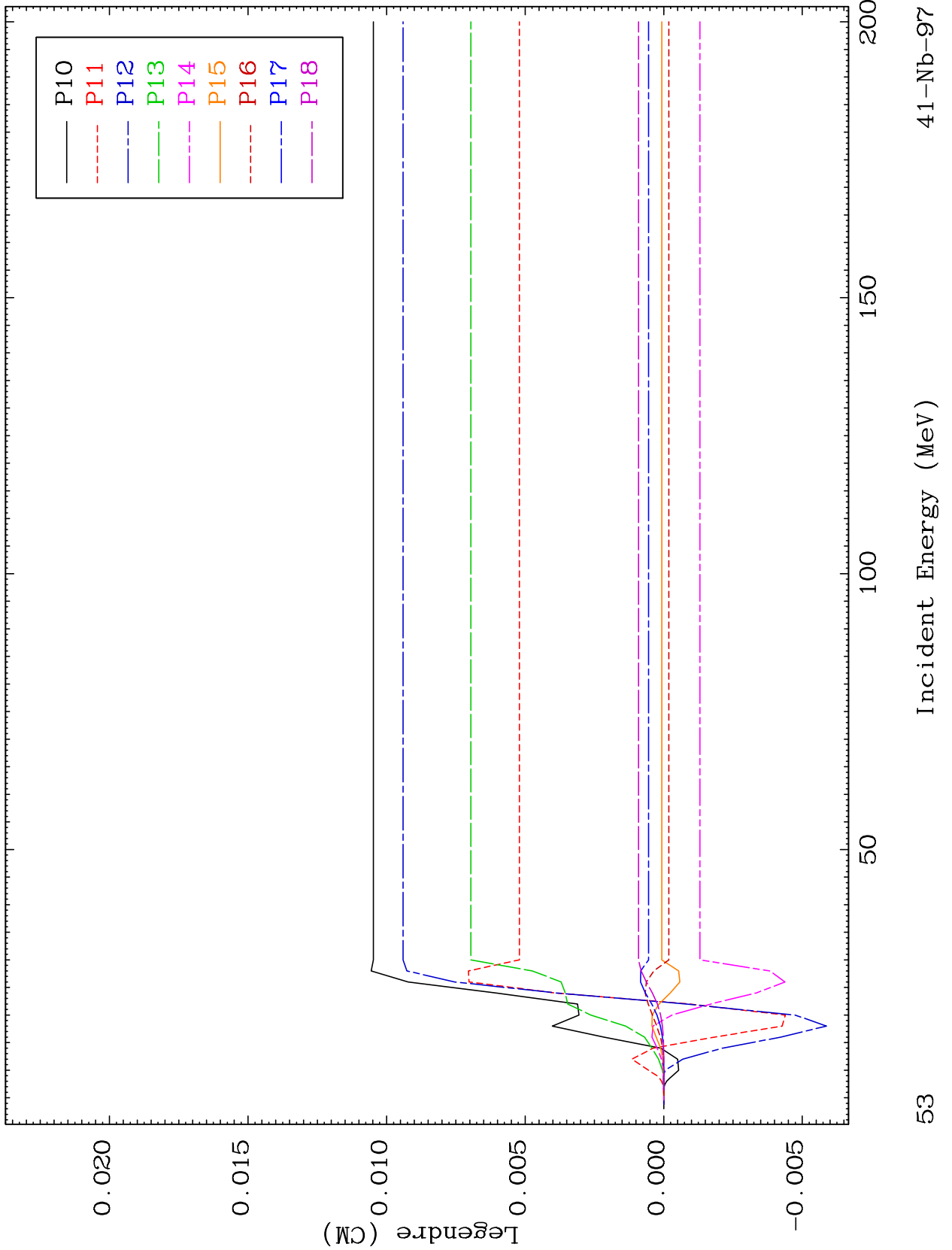
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

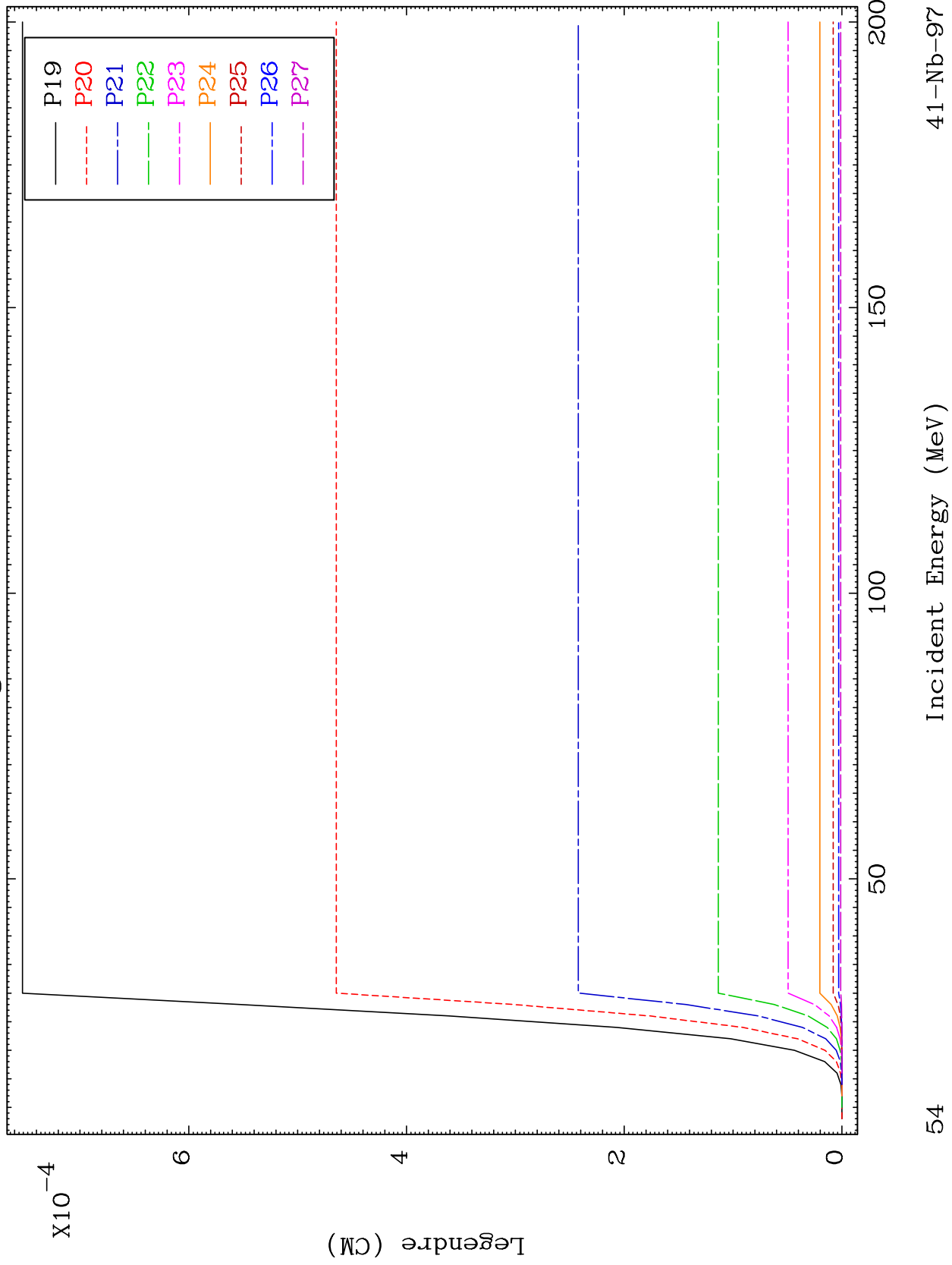
41-Nb-97



MAT 4137

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

41-Nb-97



54

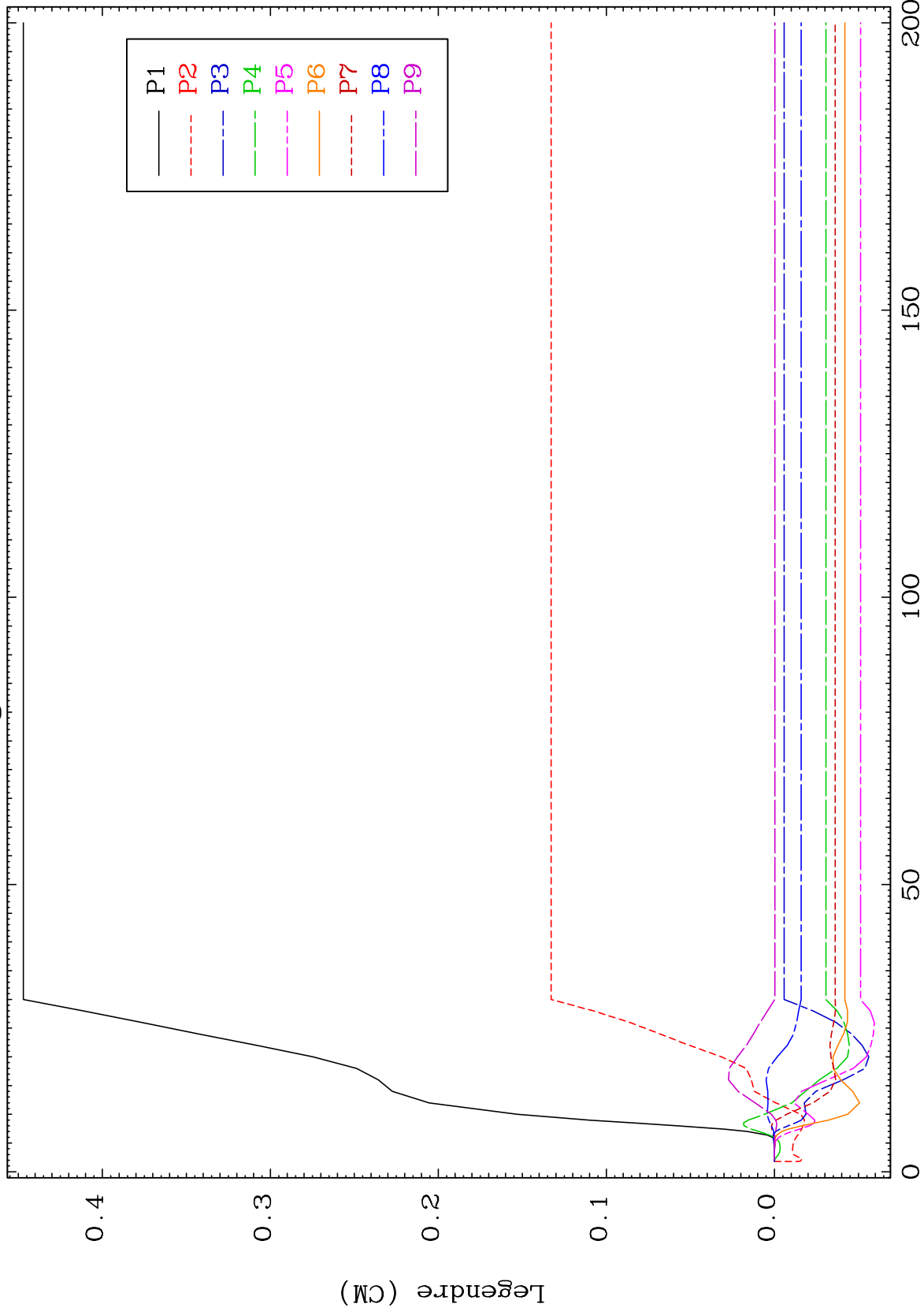
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



56

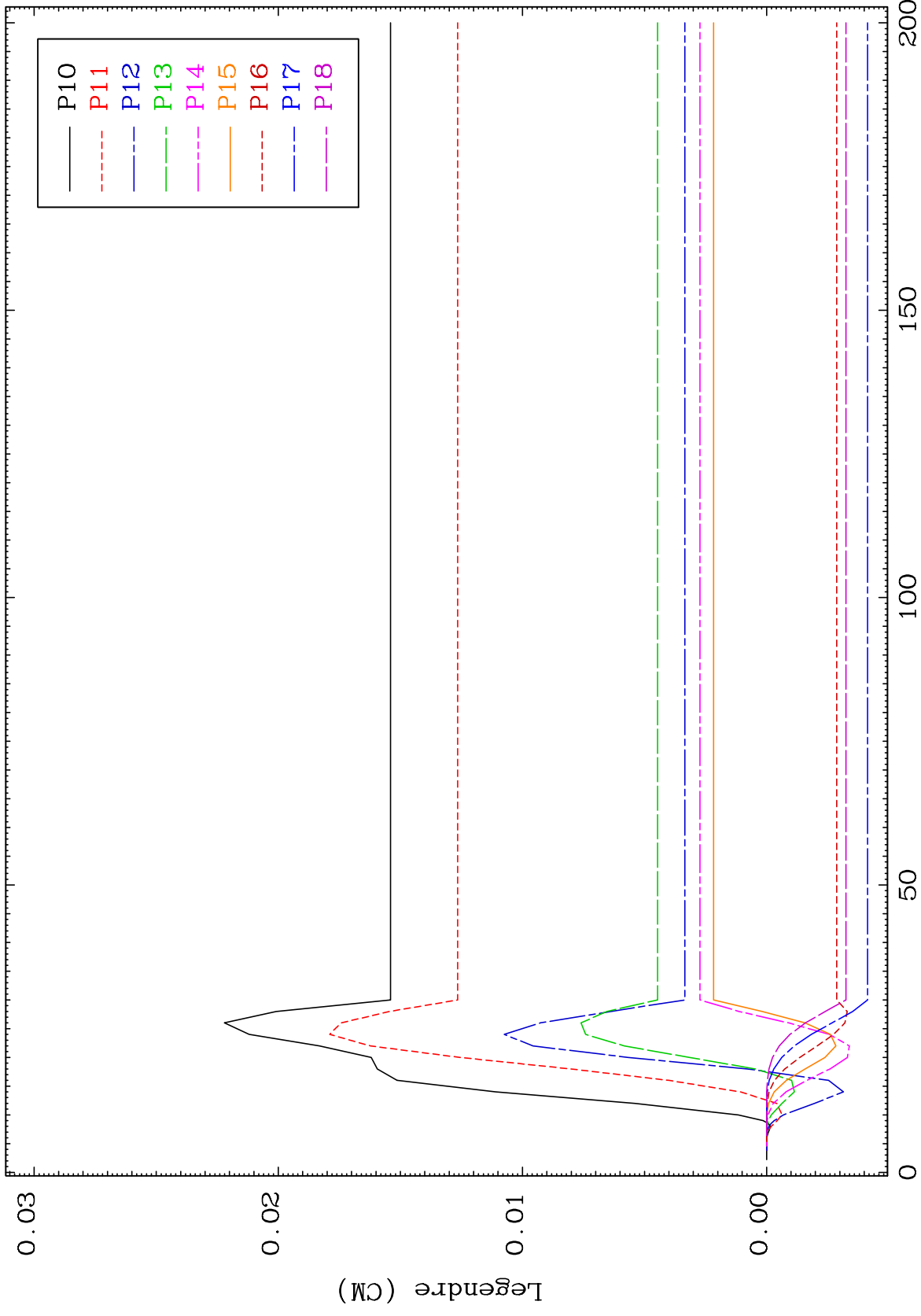
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



57

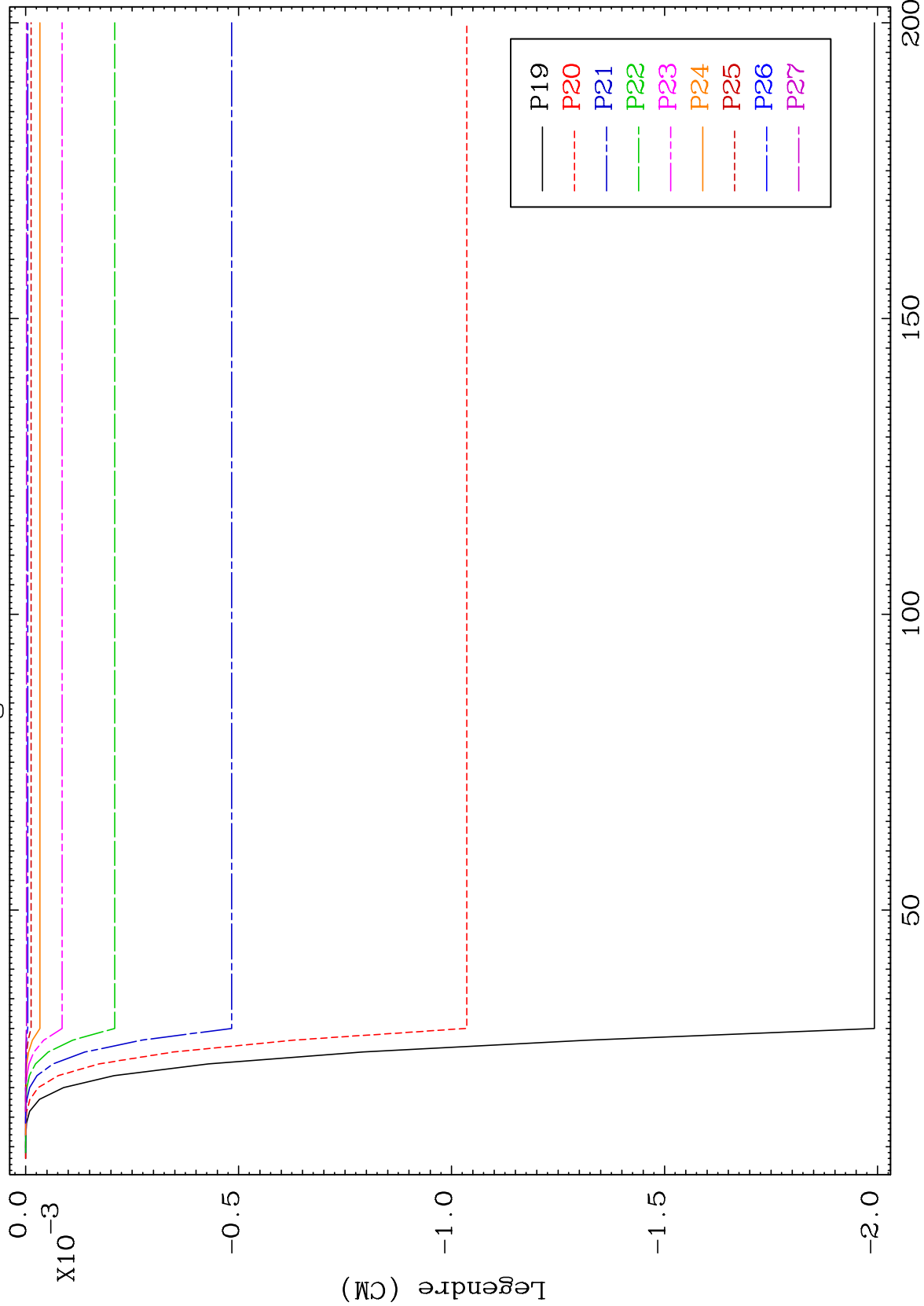
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

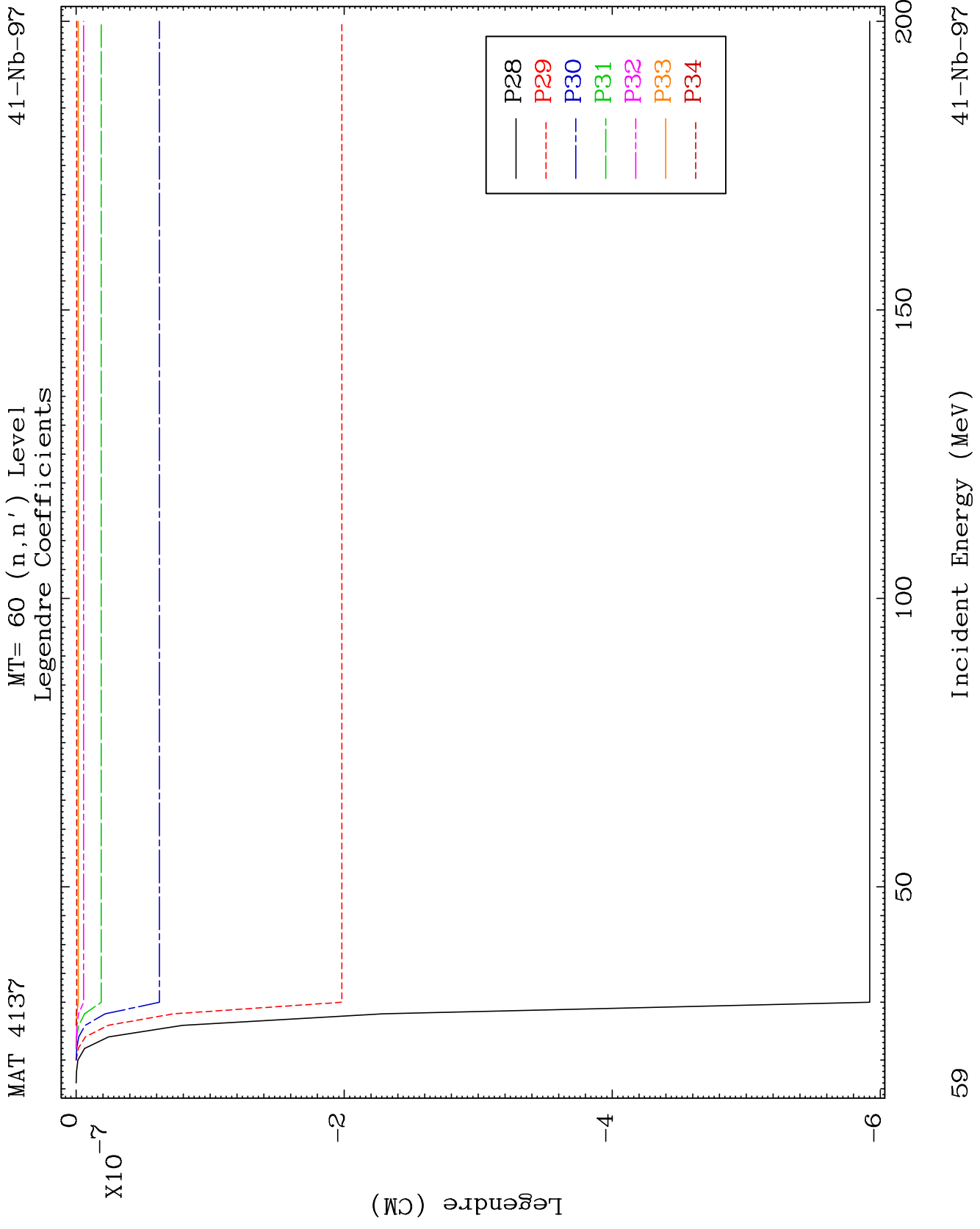
41-Nb-97



58

Incident Energy (MeV)

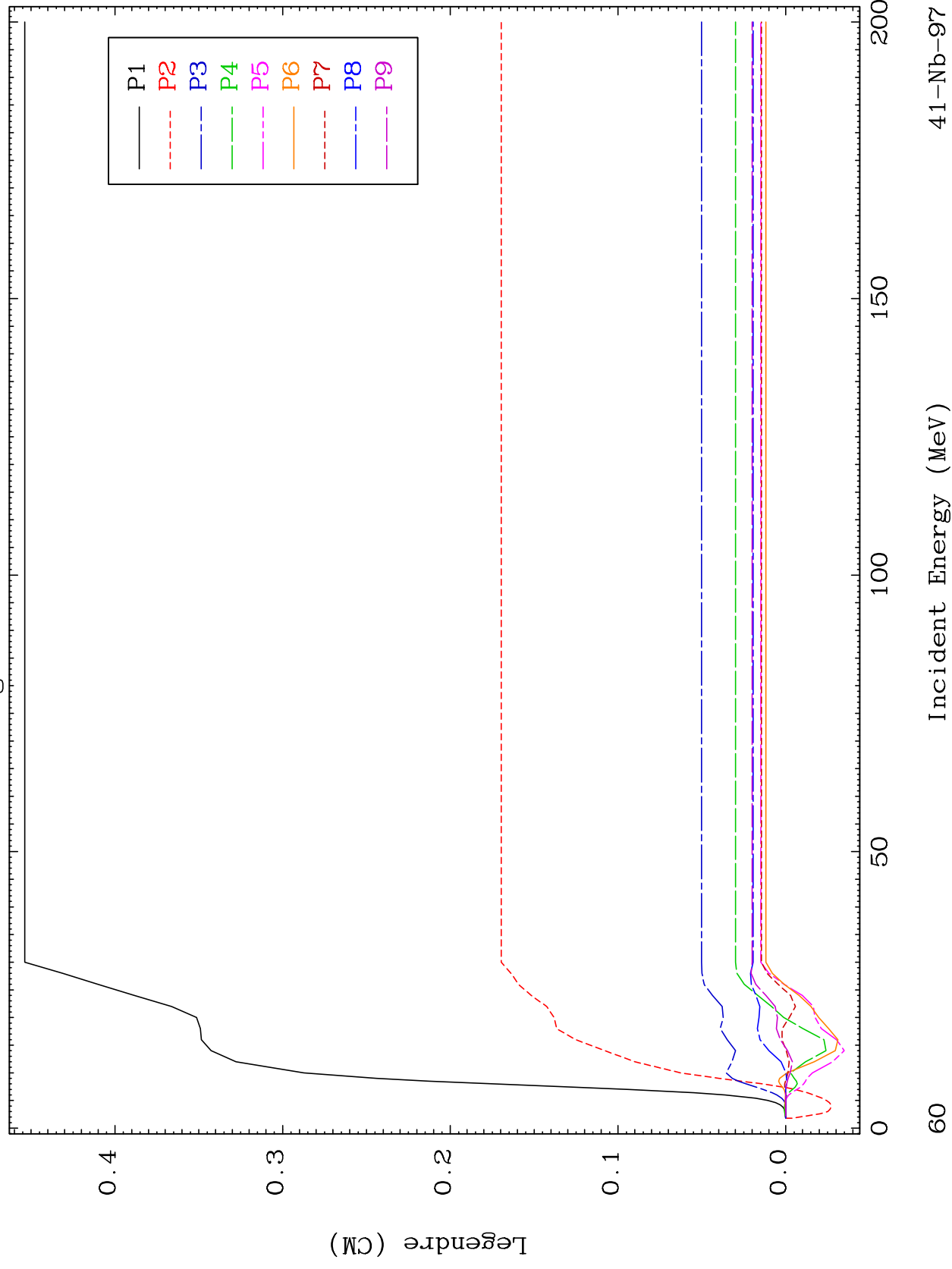
41-Nb-97



MAT 4137

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

41-Nb-97

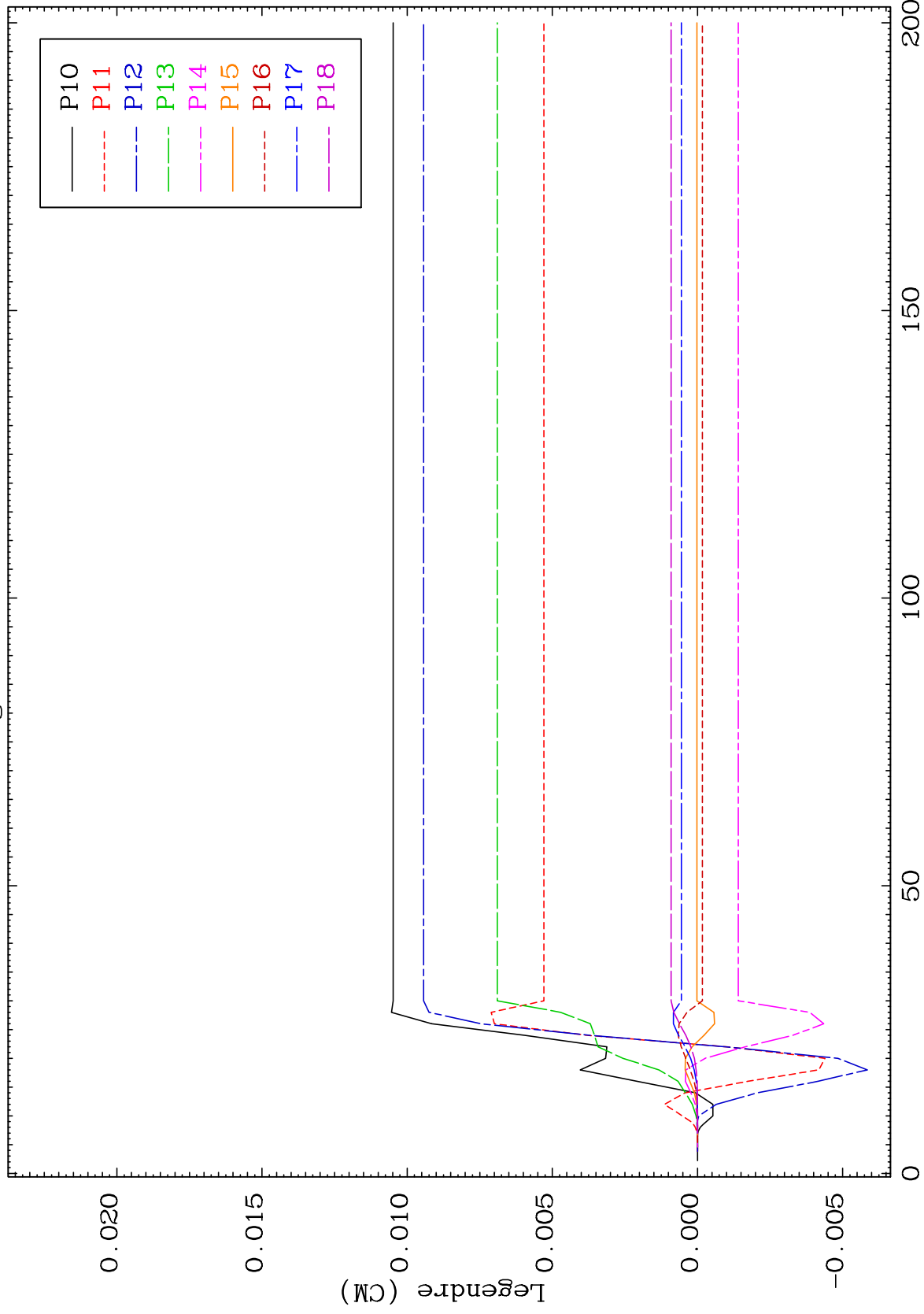


41-Nb-97

MAT 4137

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

41-Nb-97



61

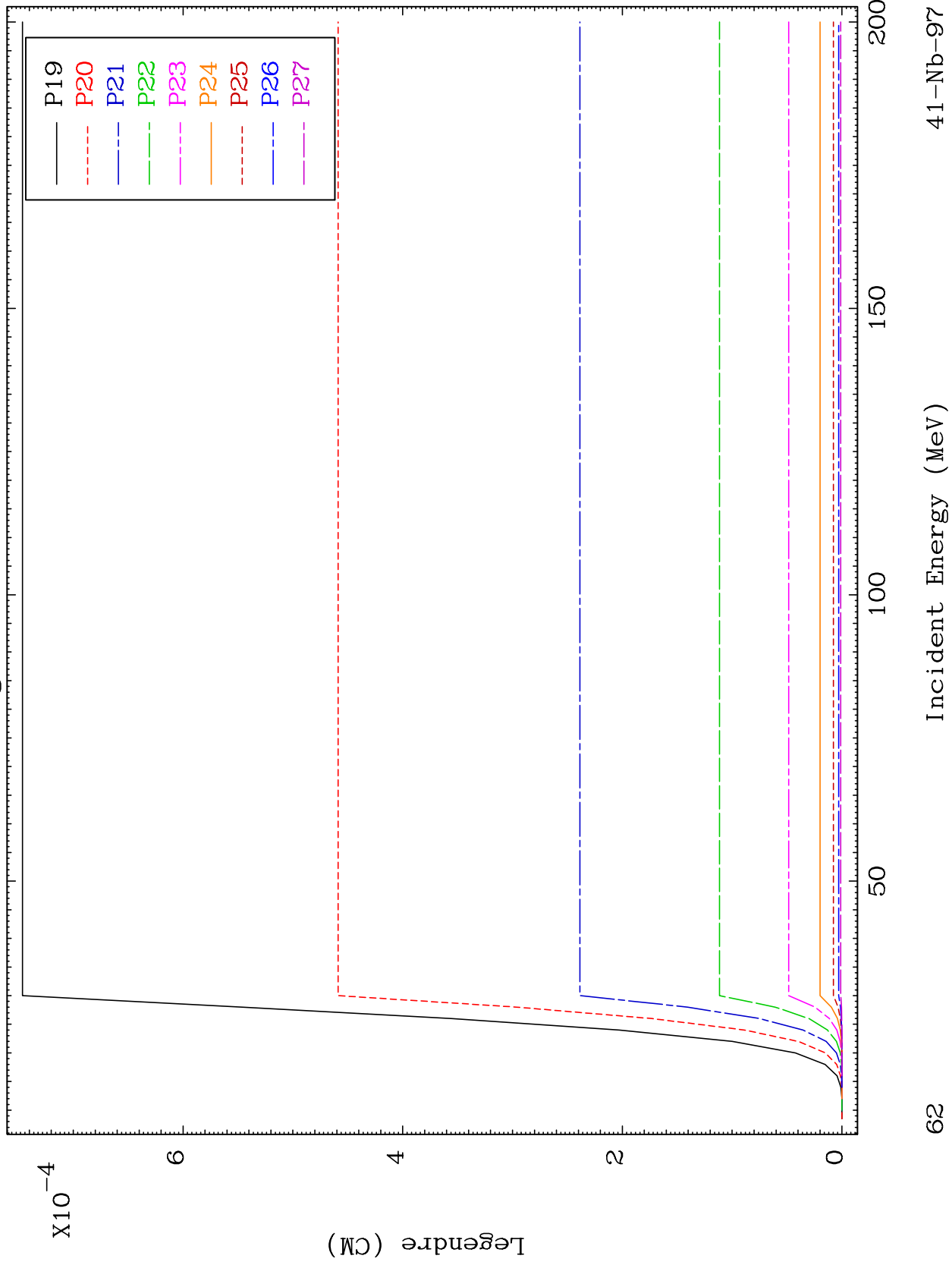
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

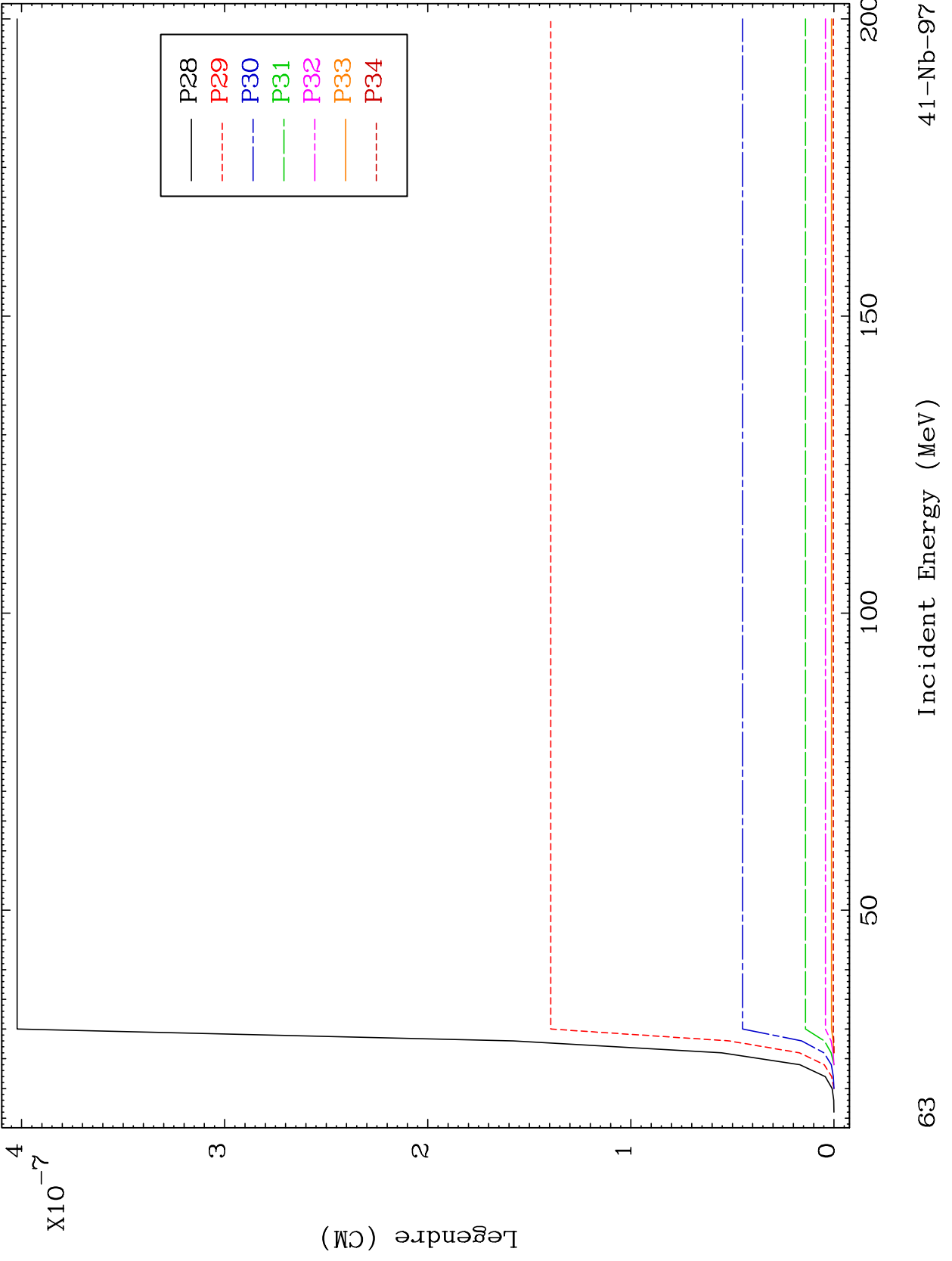
41-Nb-97



MAT 4137

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

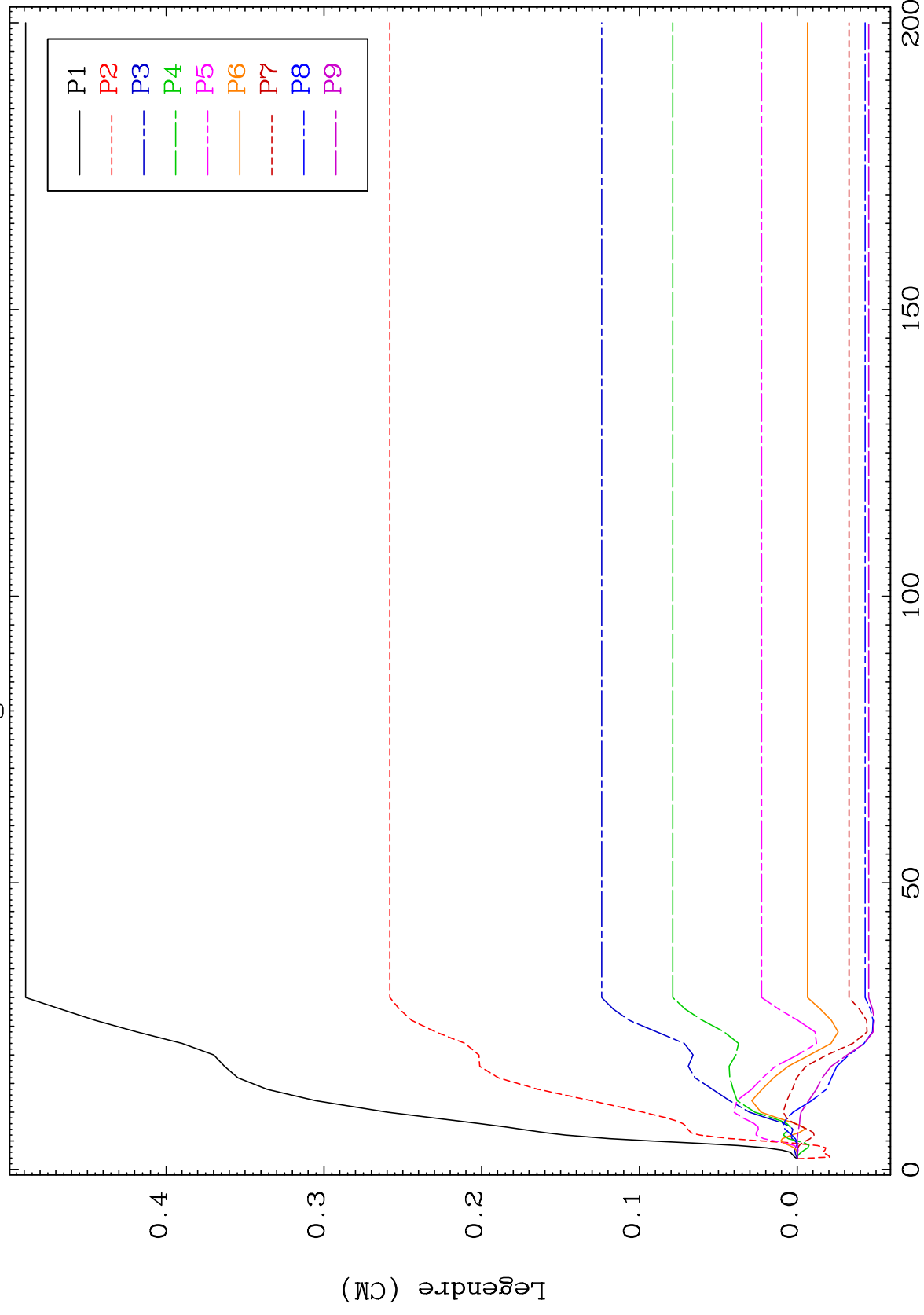
41-Nb-97



MAT 4137

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

41-Nb-97



64

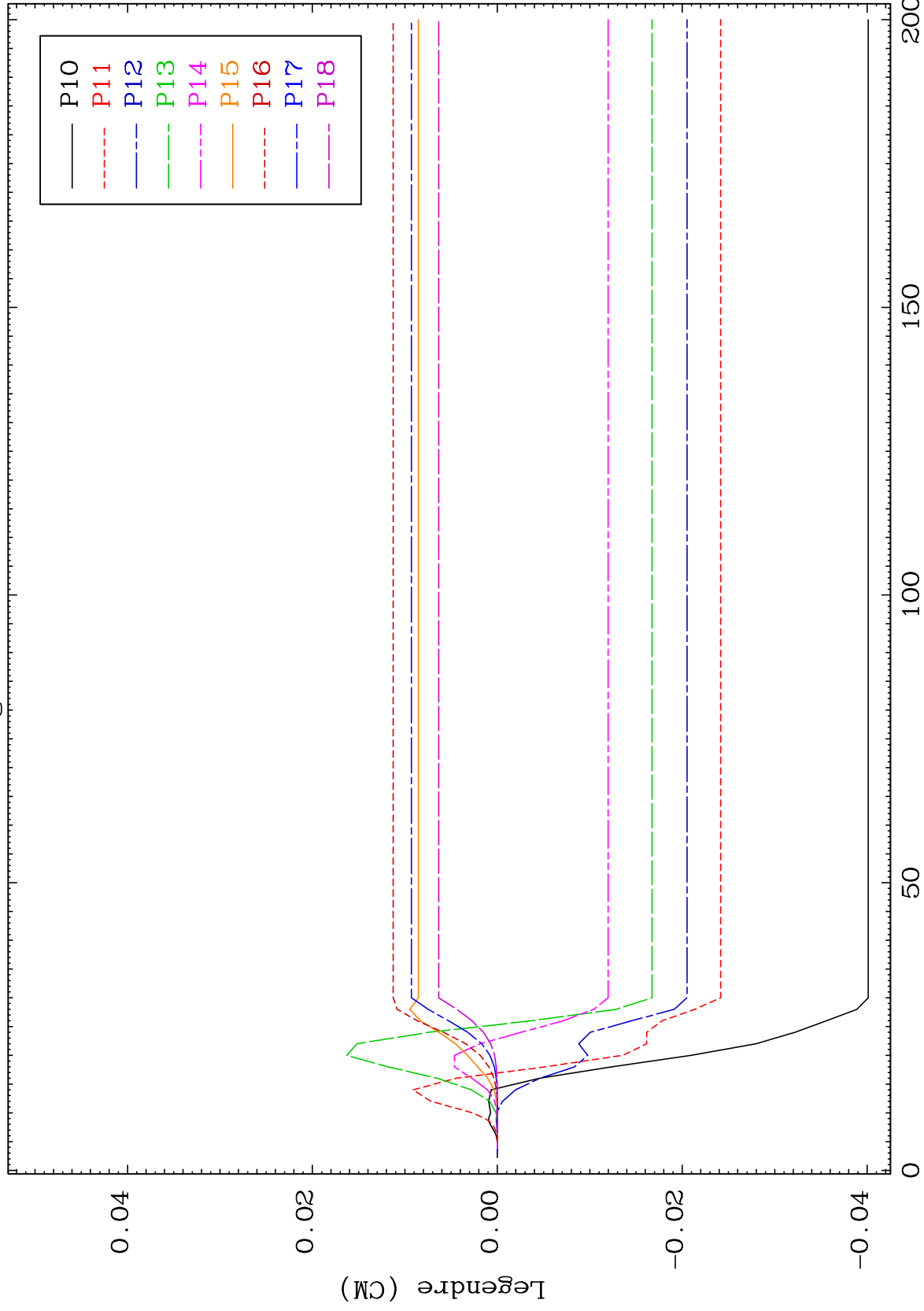
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



65

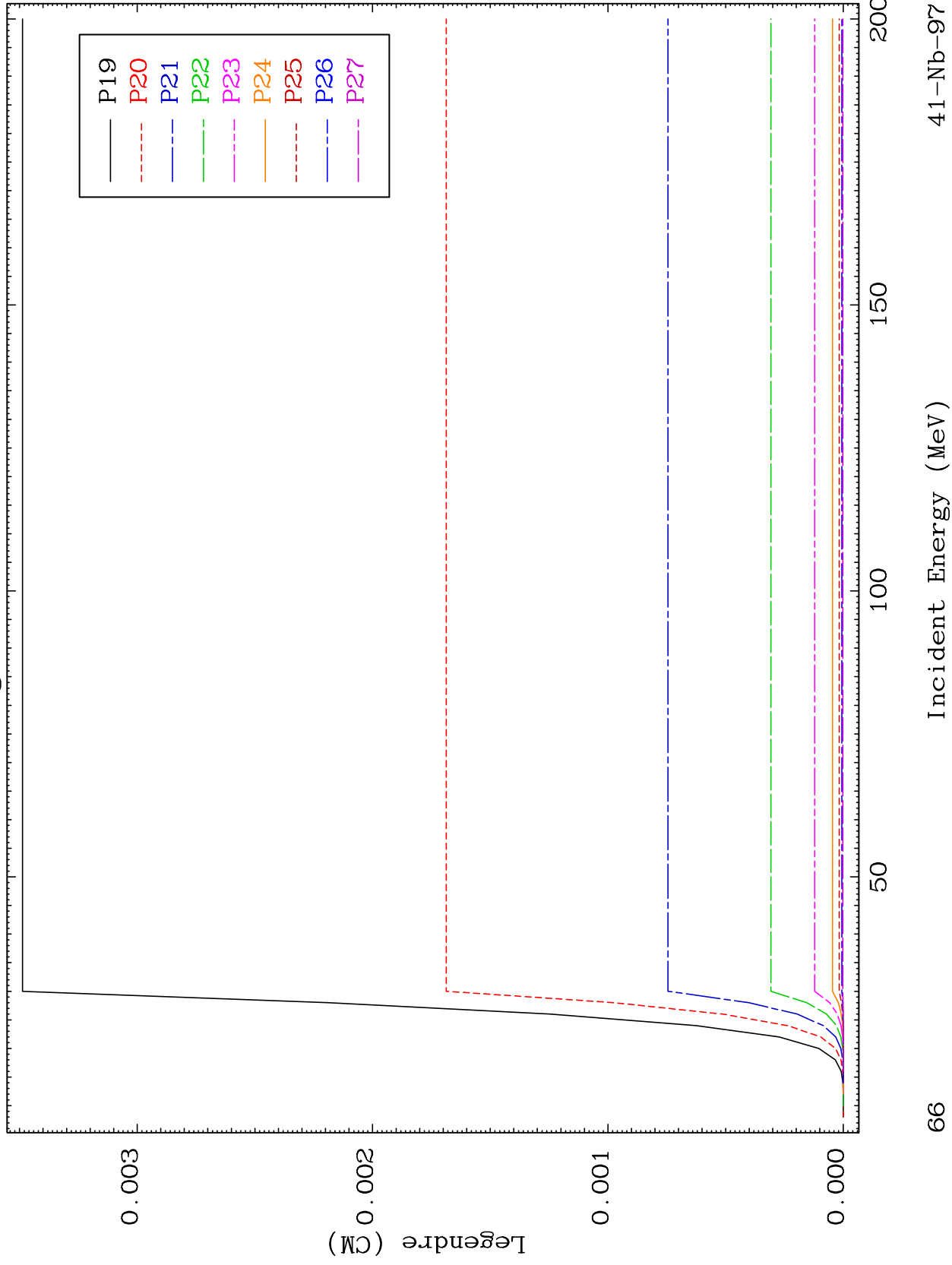
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



66

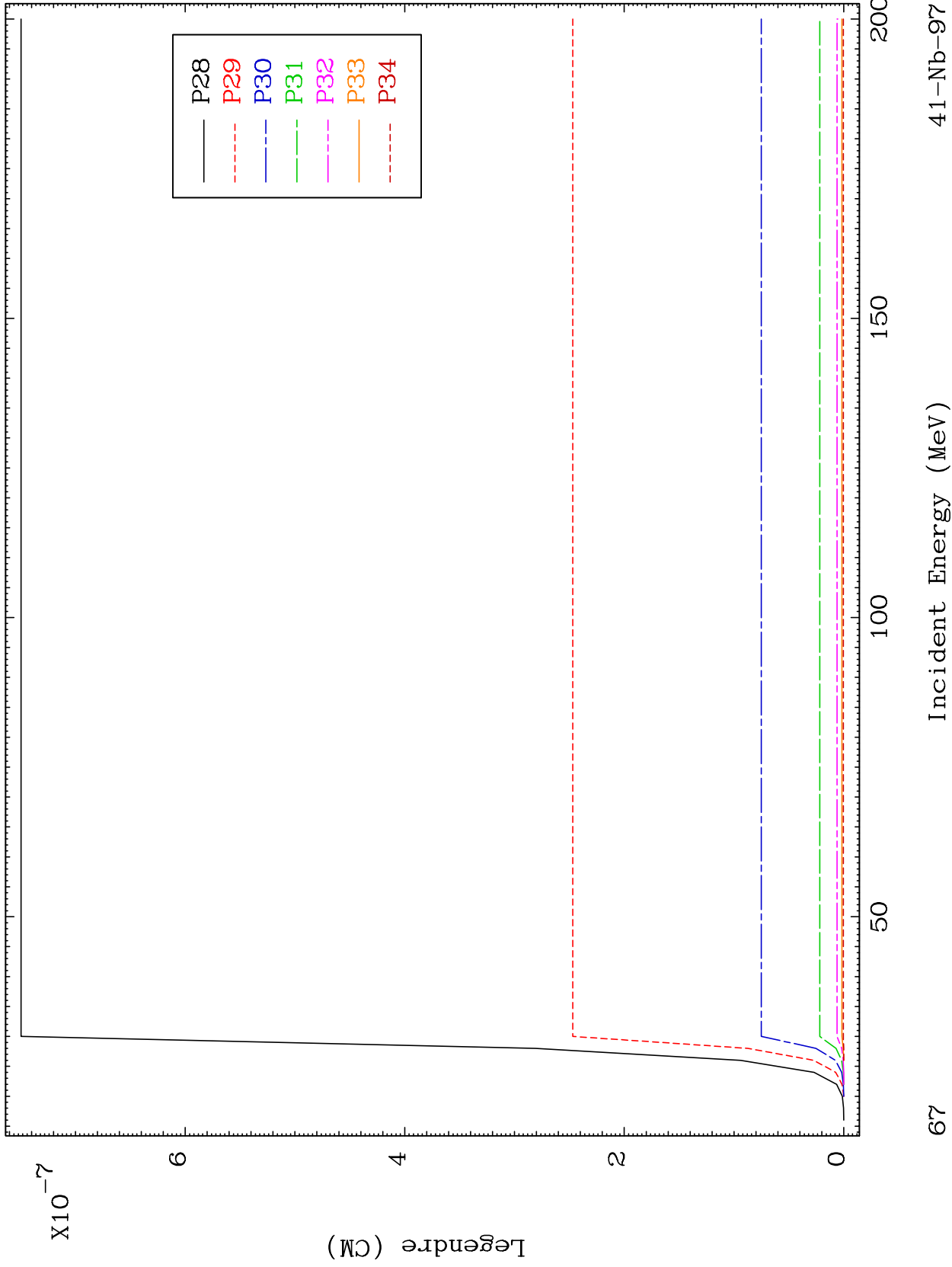
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

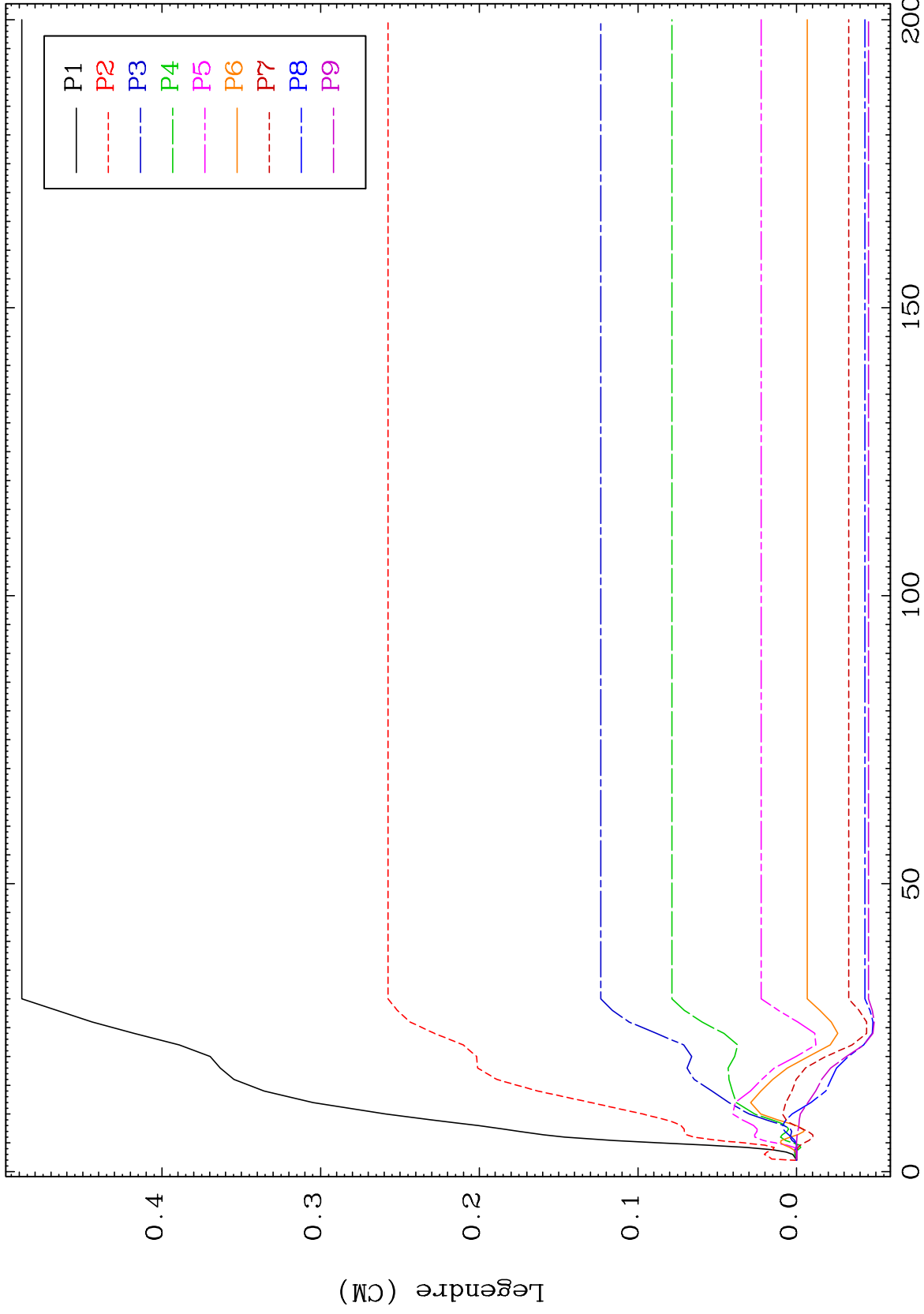
41-Nb-97



MAT 4137

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

41-Nb-97



68

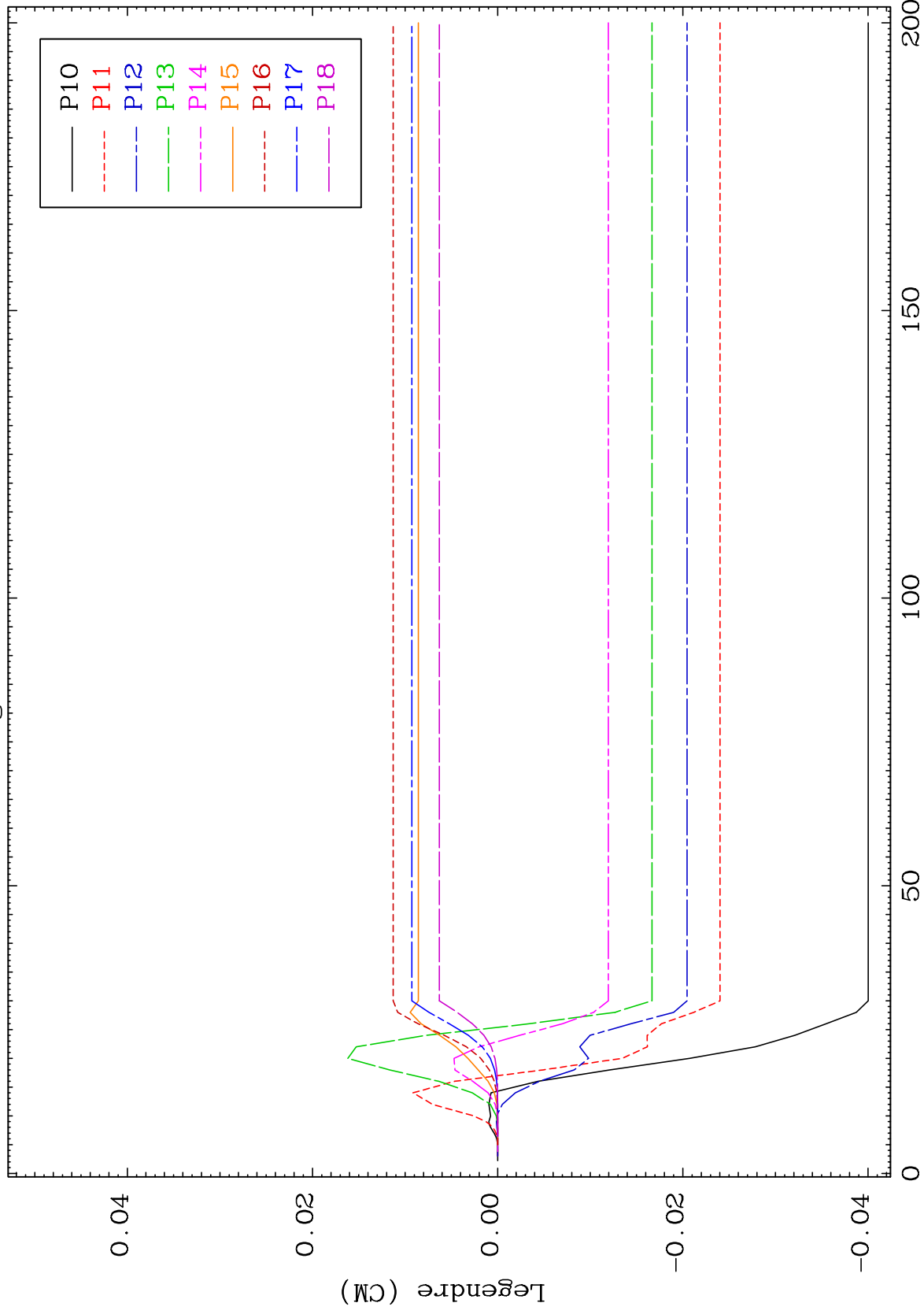
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



69

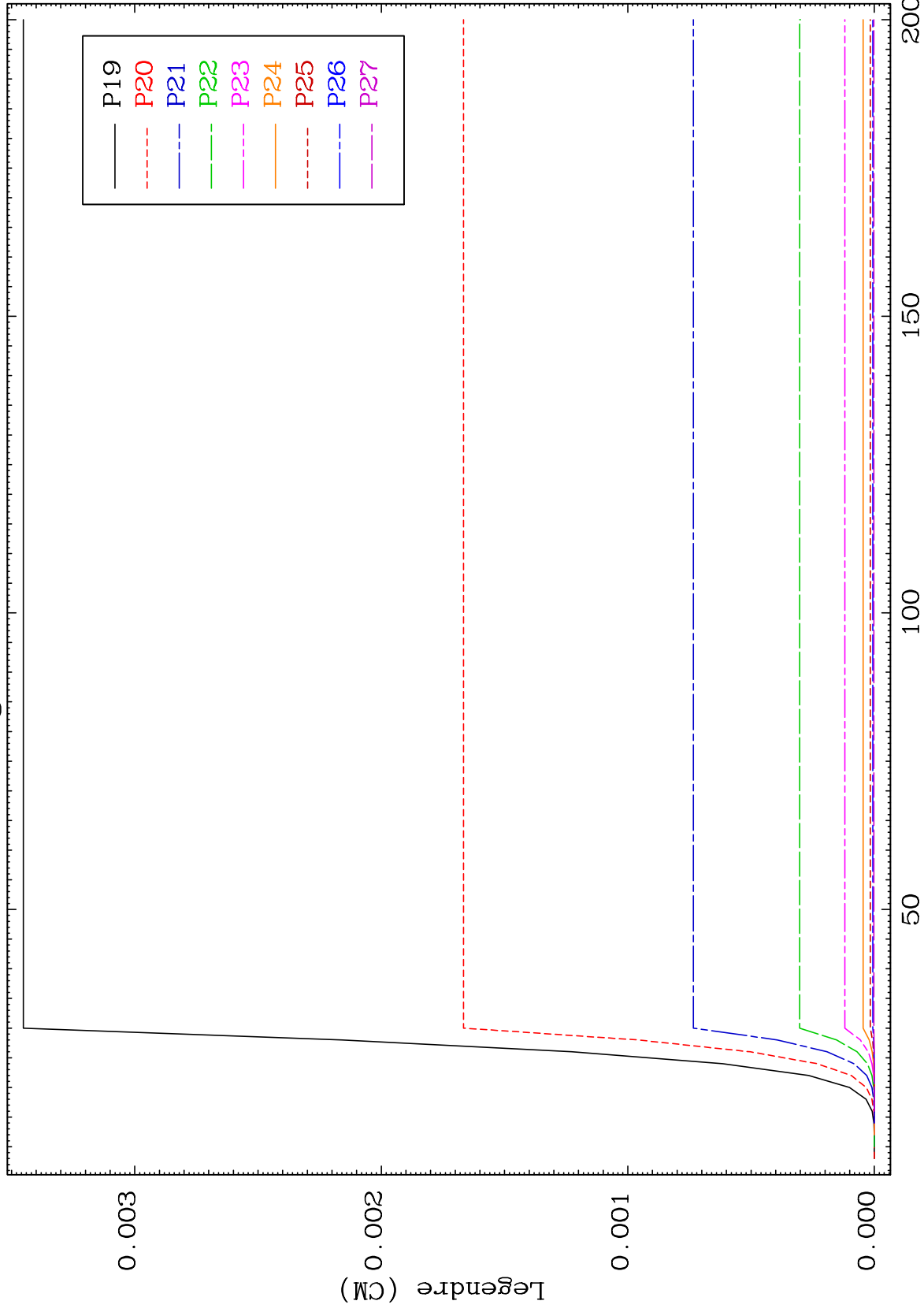
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



70

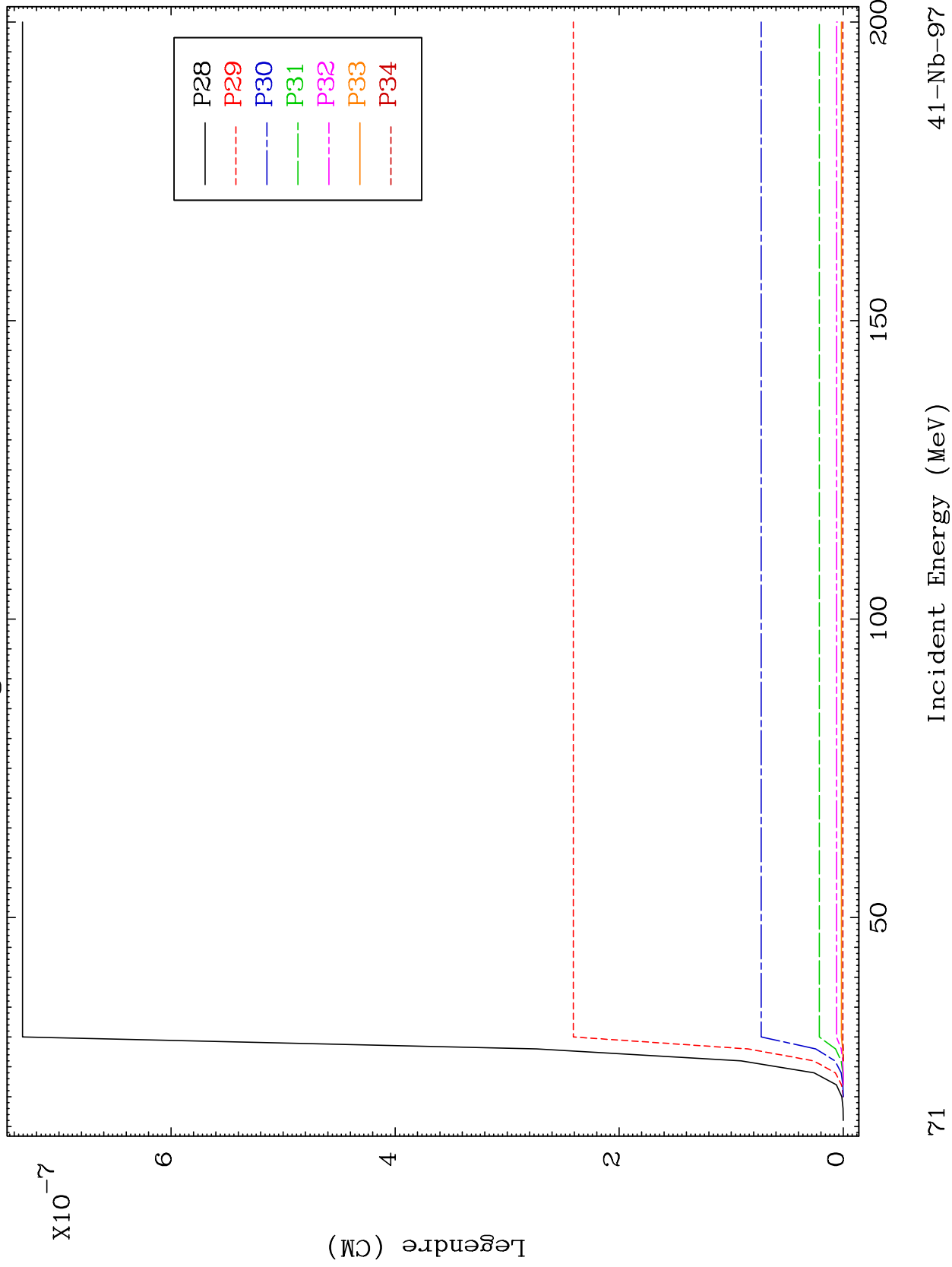
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

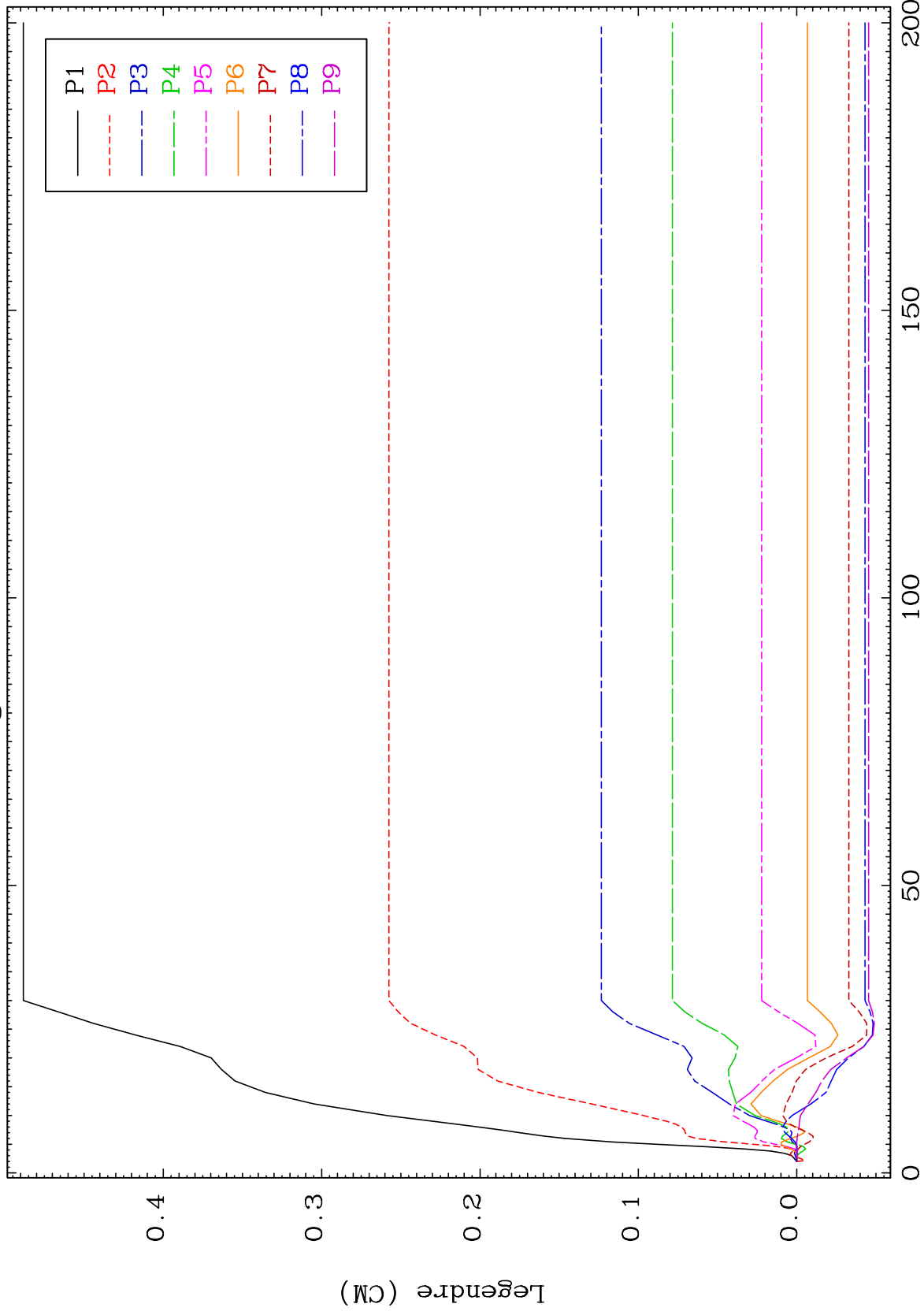
41-Nb-97



MAT 4137

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

41-Nb-97



72

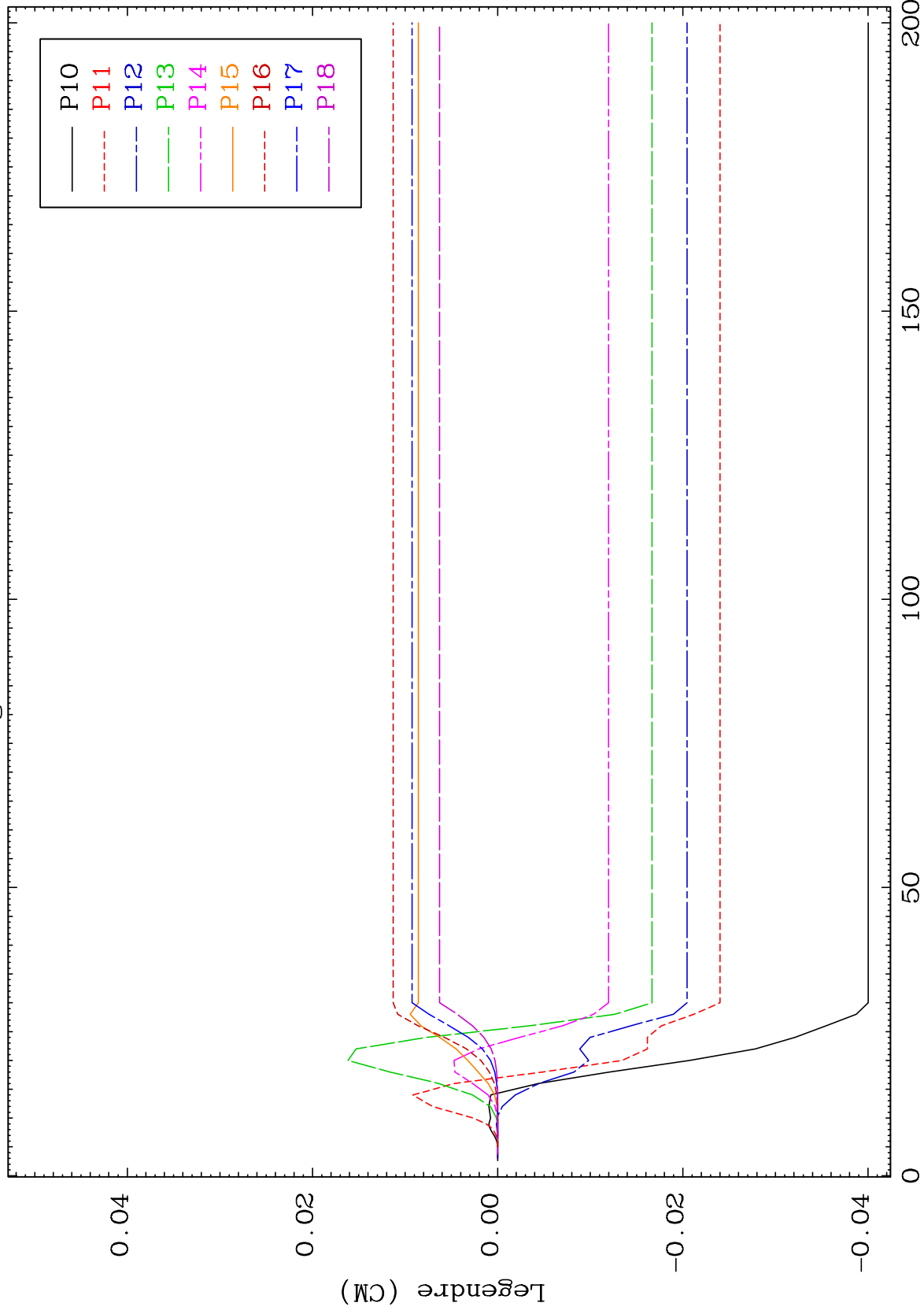
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



73

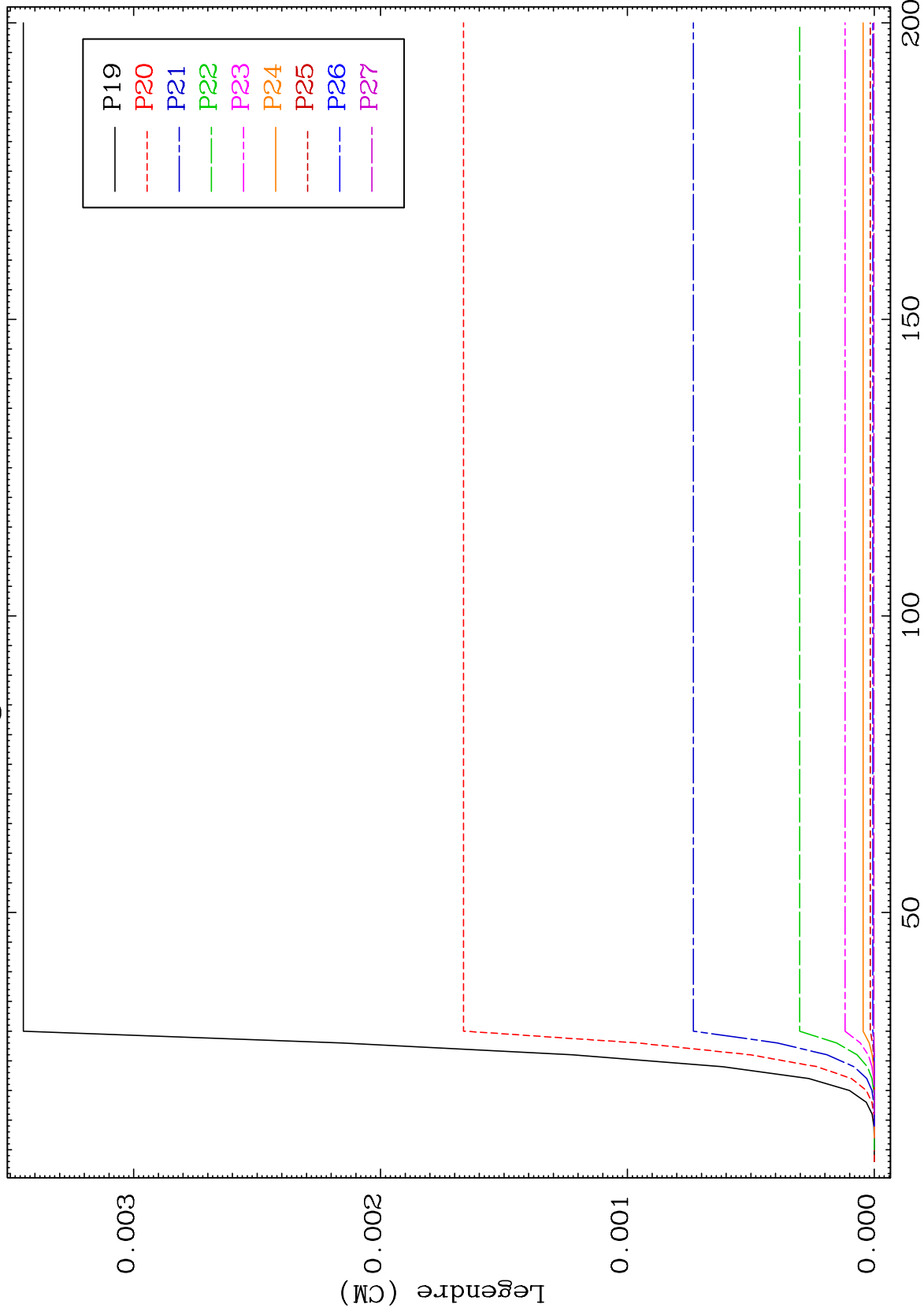
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



74

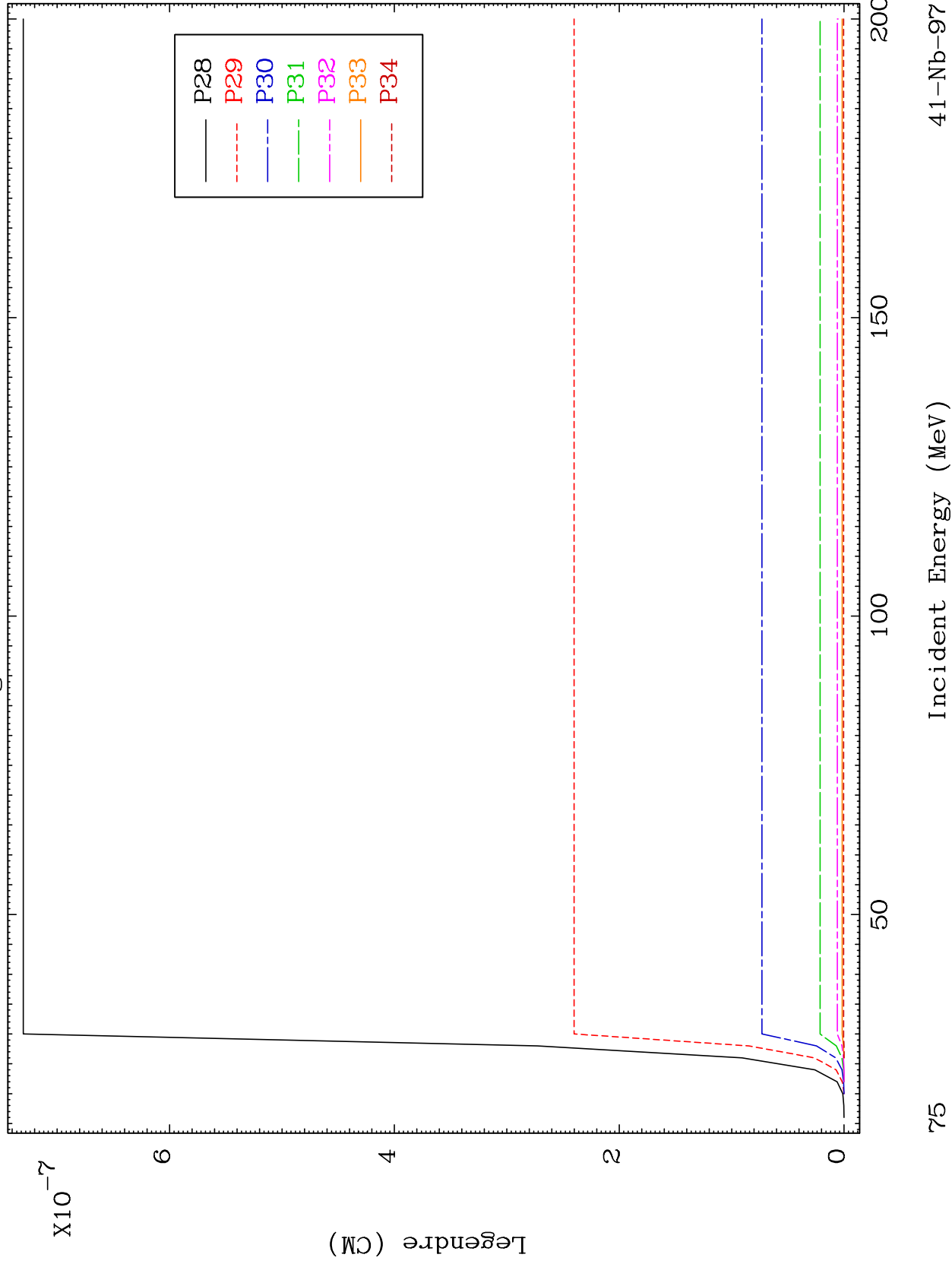
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

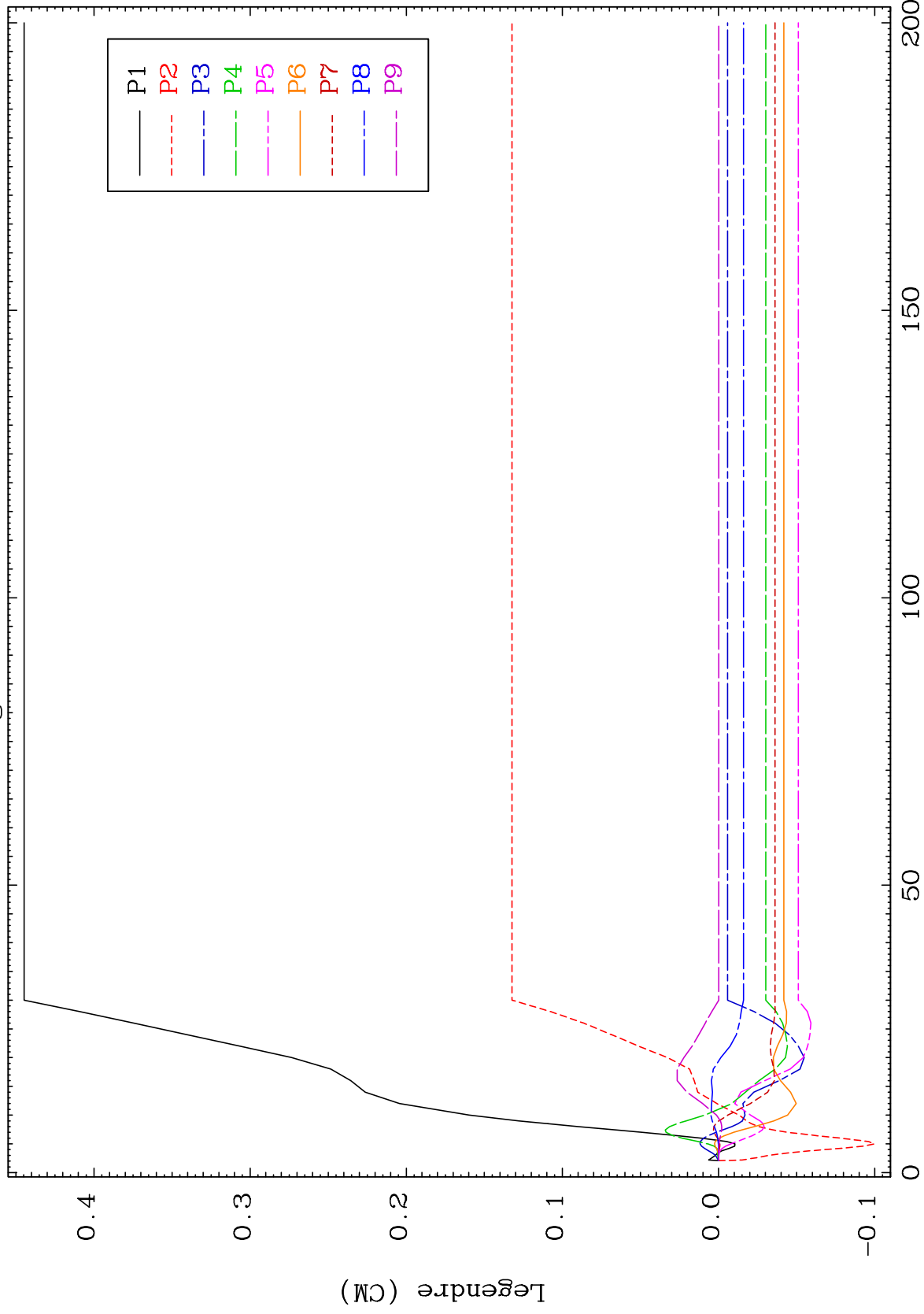
41-Nb-97



MAT 4137

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

41-Nb-97



76

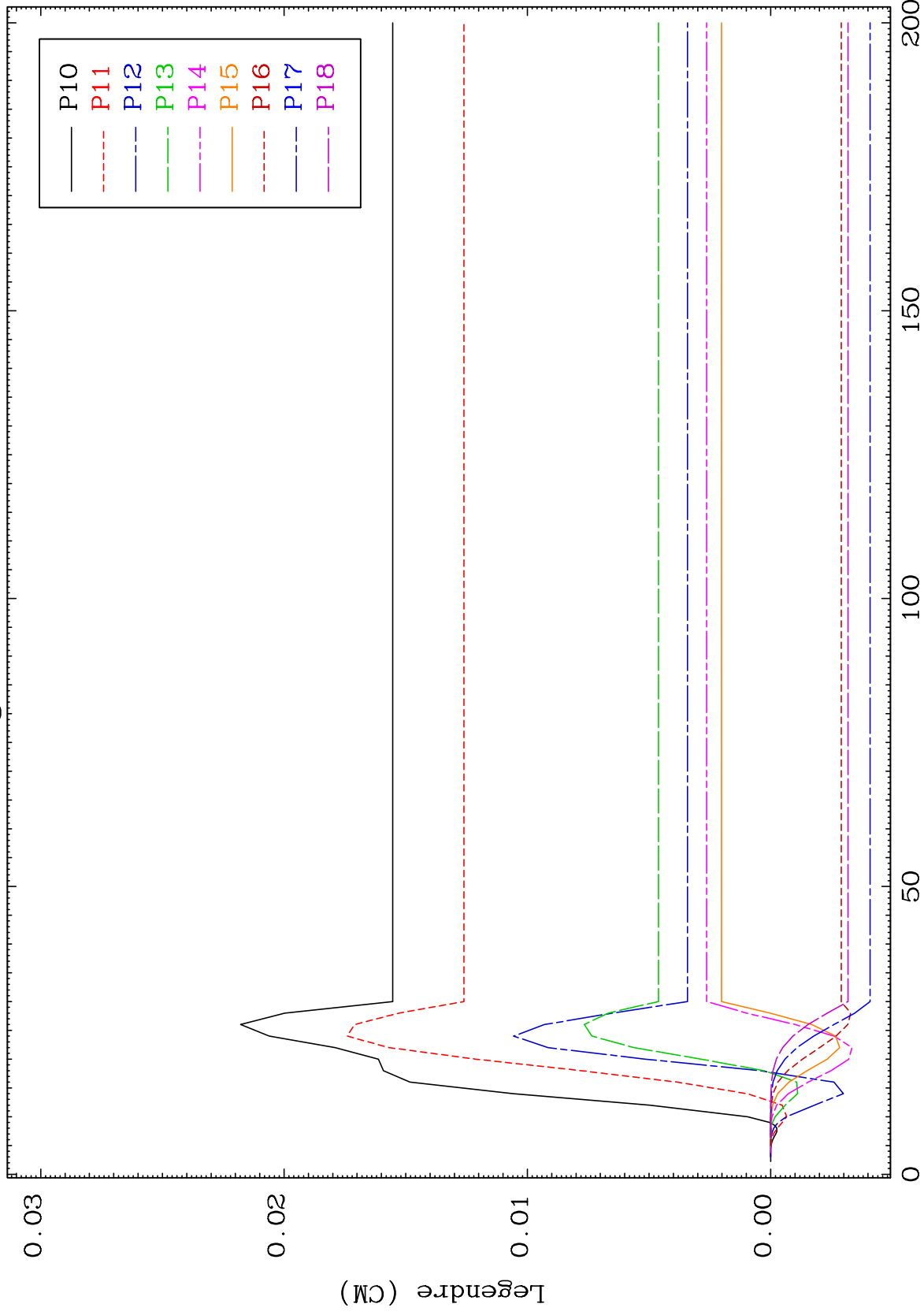
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



77

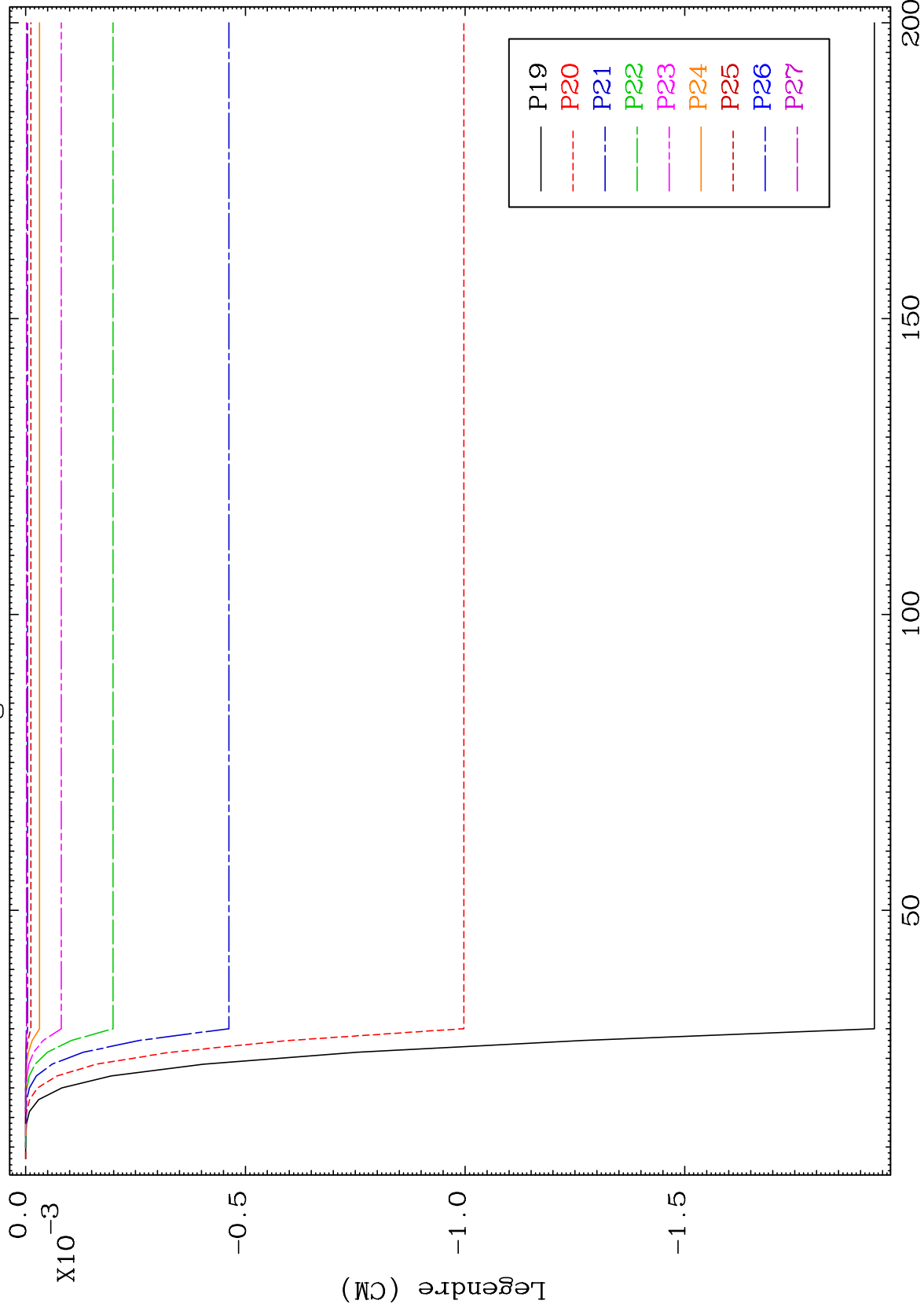
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



78

Incident Energy (MeV)

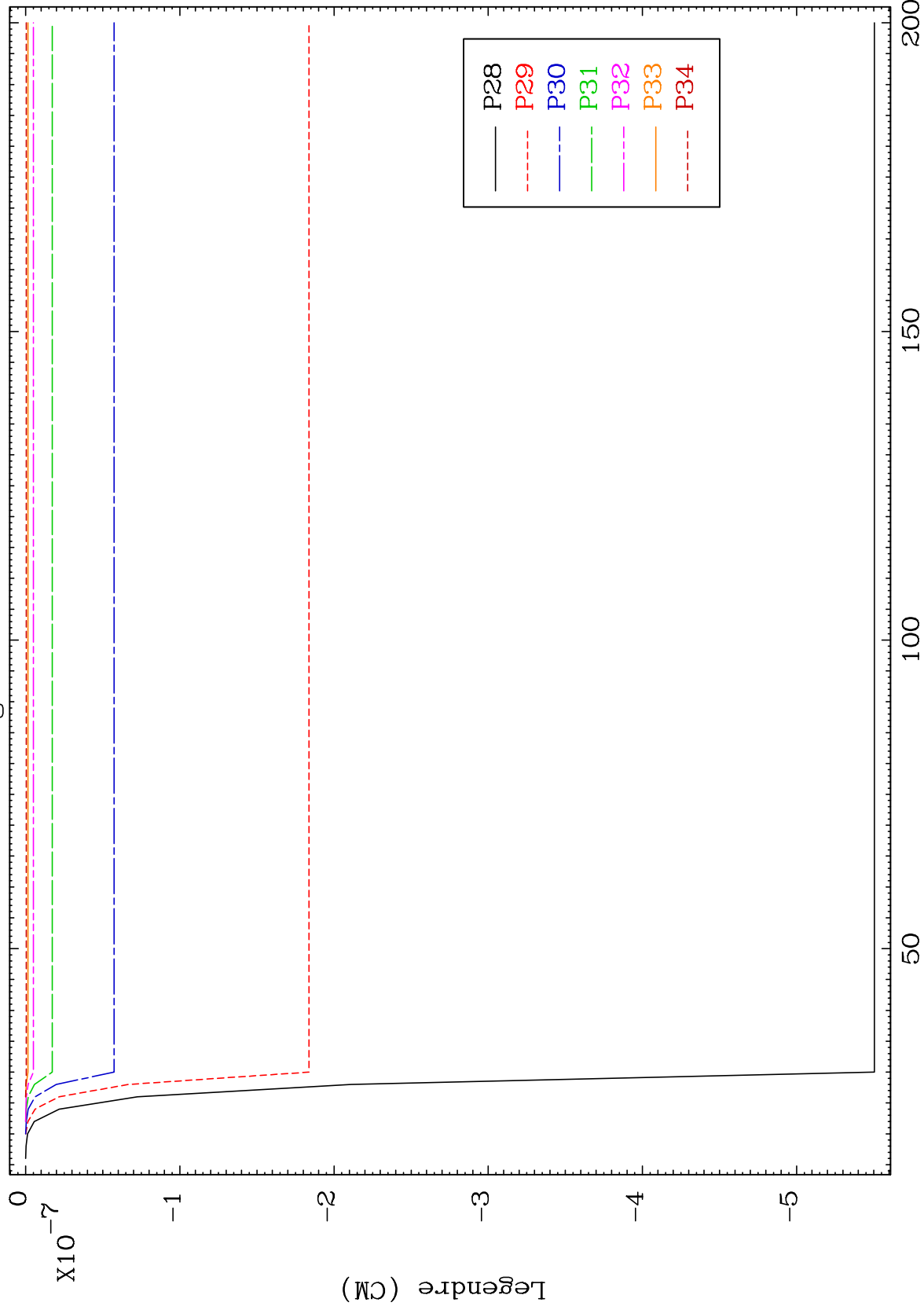
41-Nb-97

MAT 4137

MT= 65 (n,n') Level

41-Nb-97

Legendre Coefficients



79

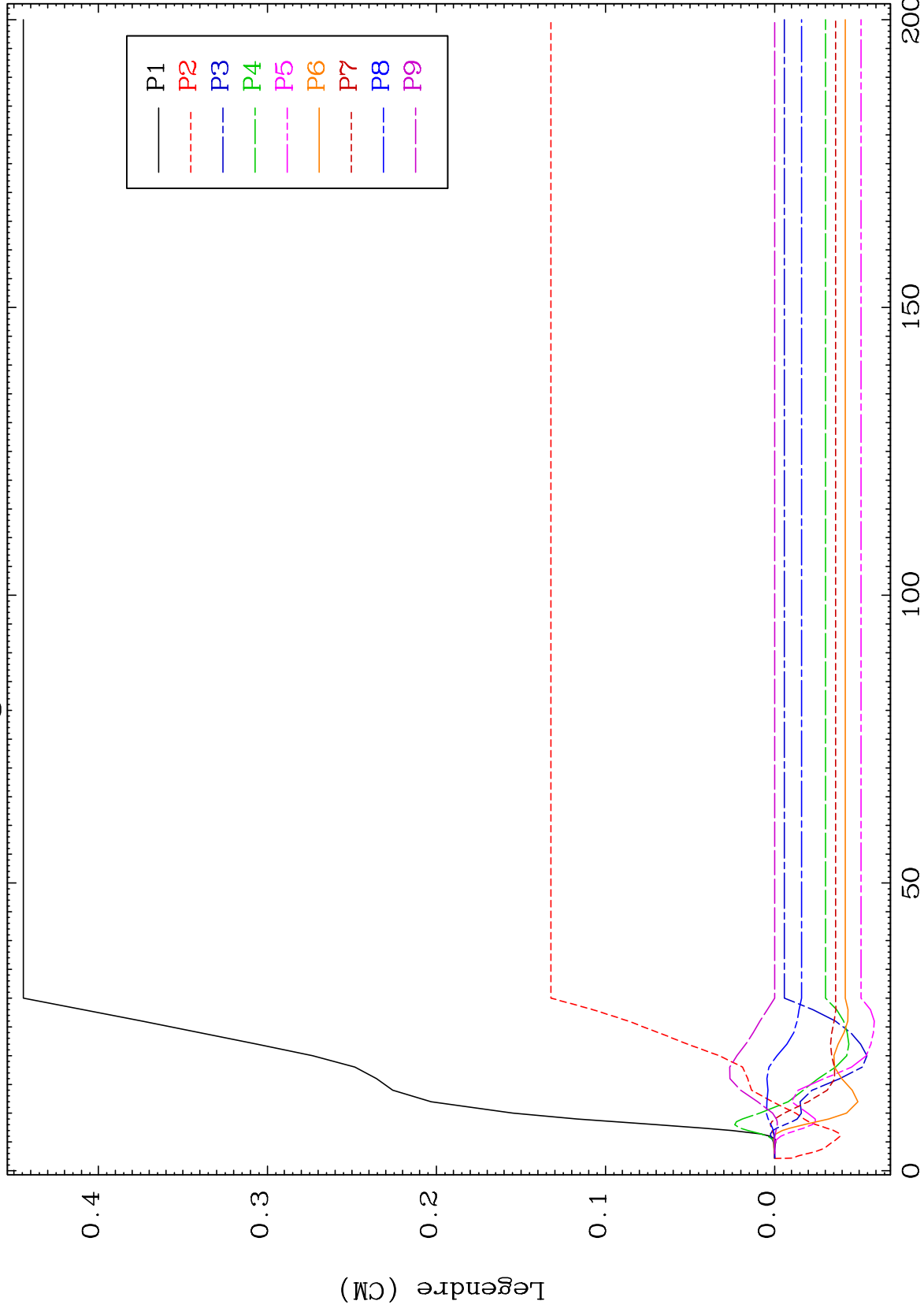
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



41-Nb-97

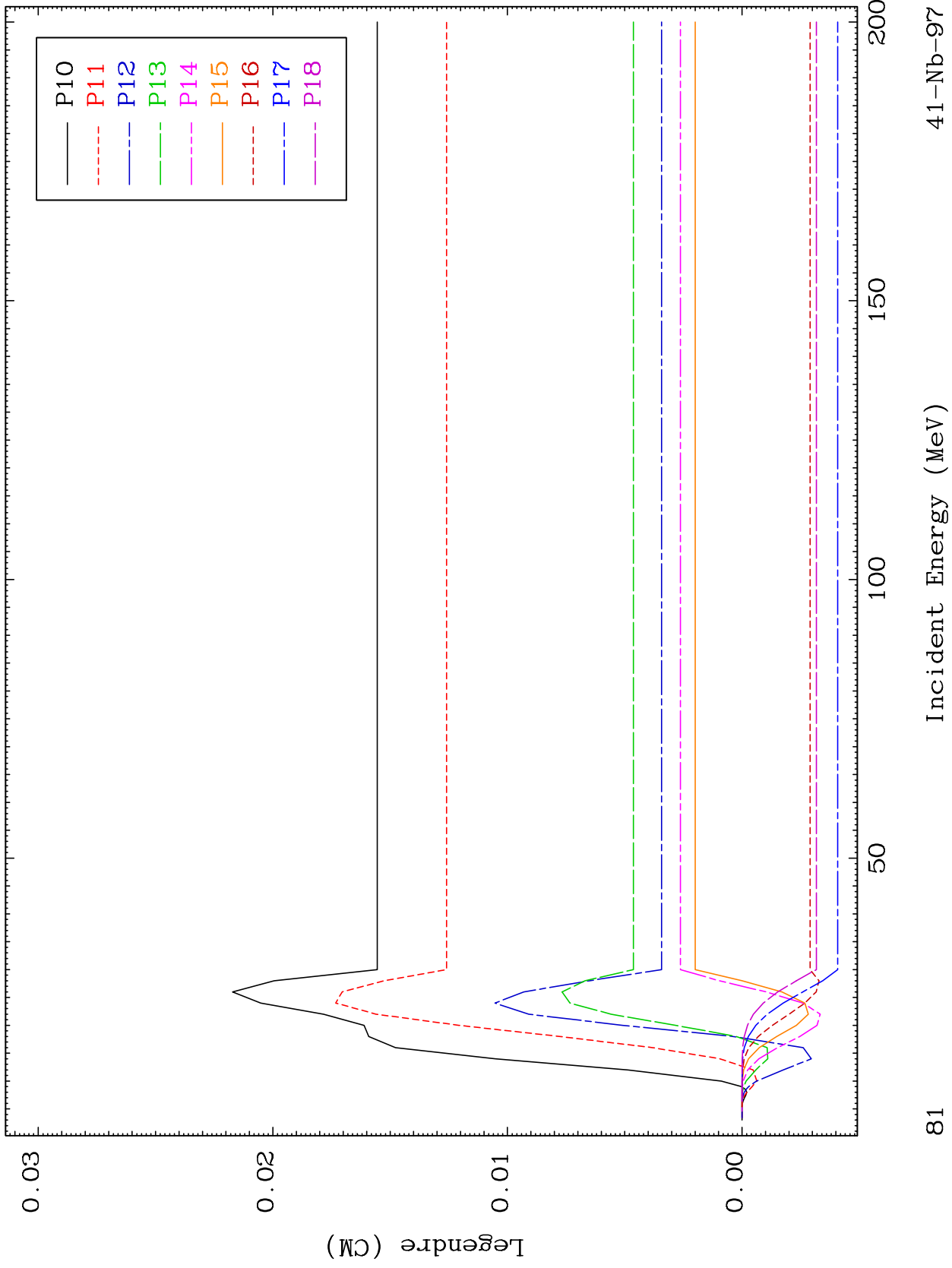
Incident Energy (MeV)

80

MAT 4137

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

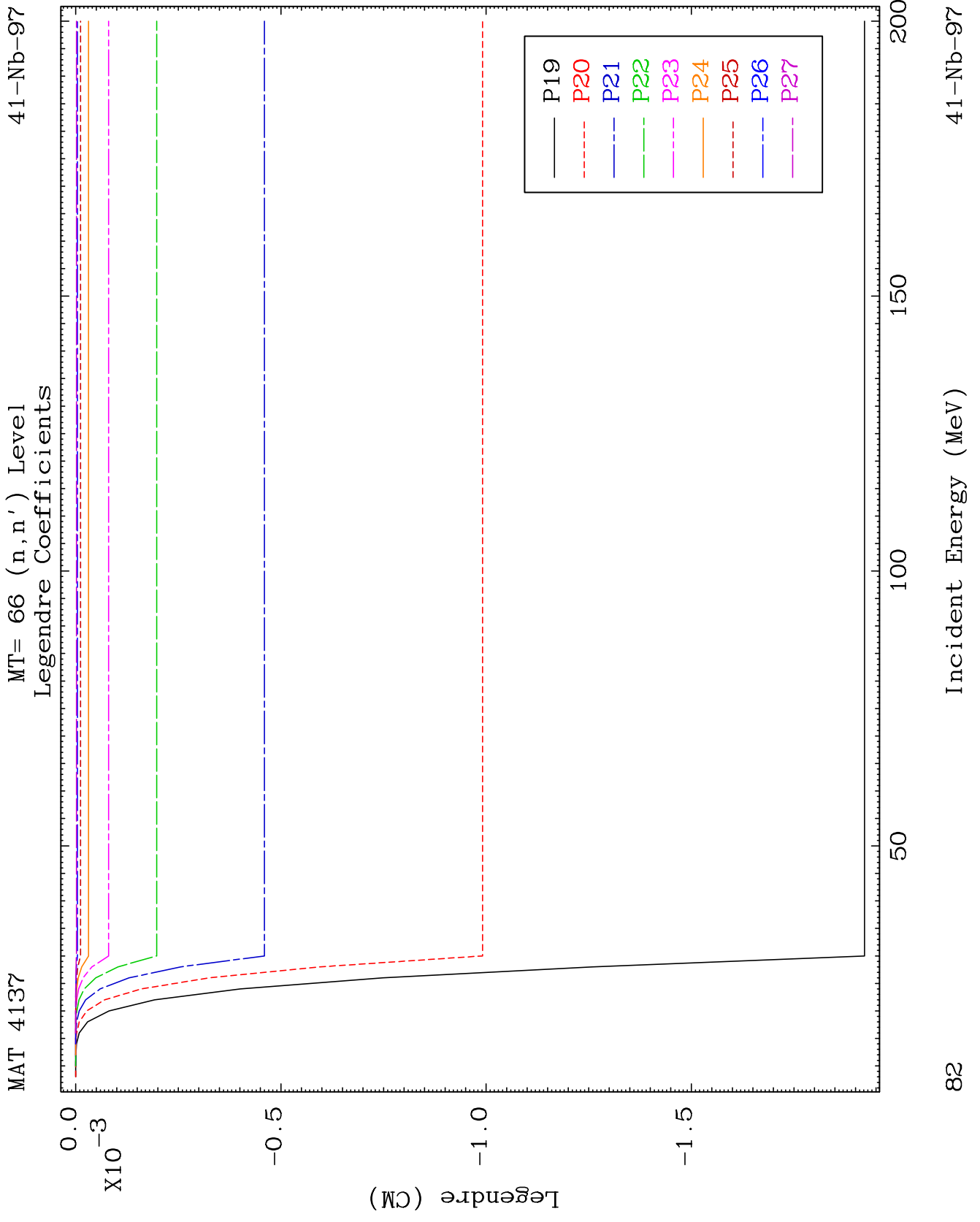
41-Nb-97

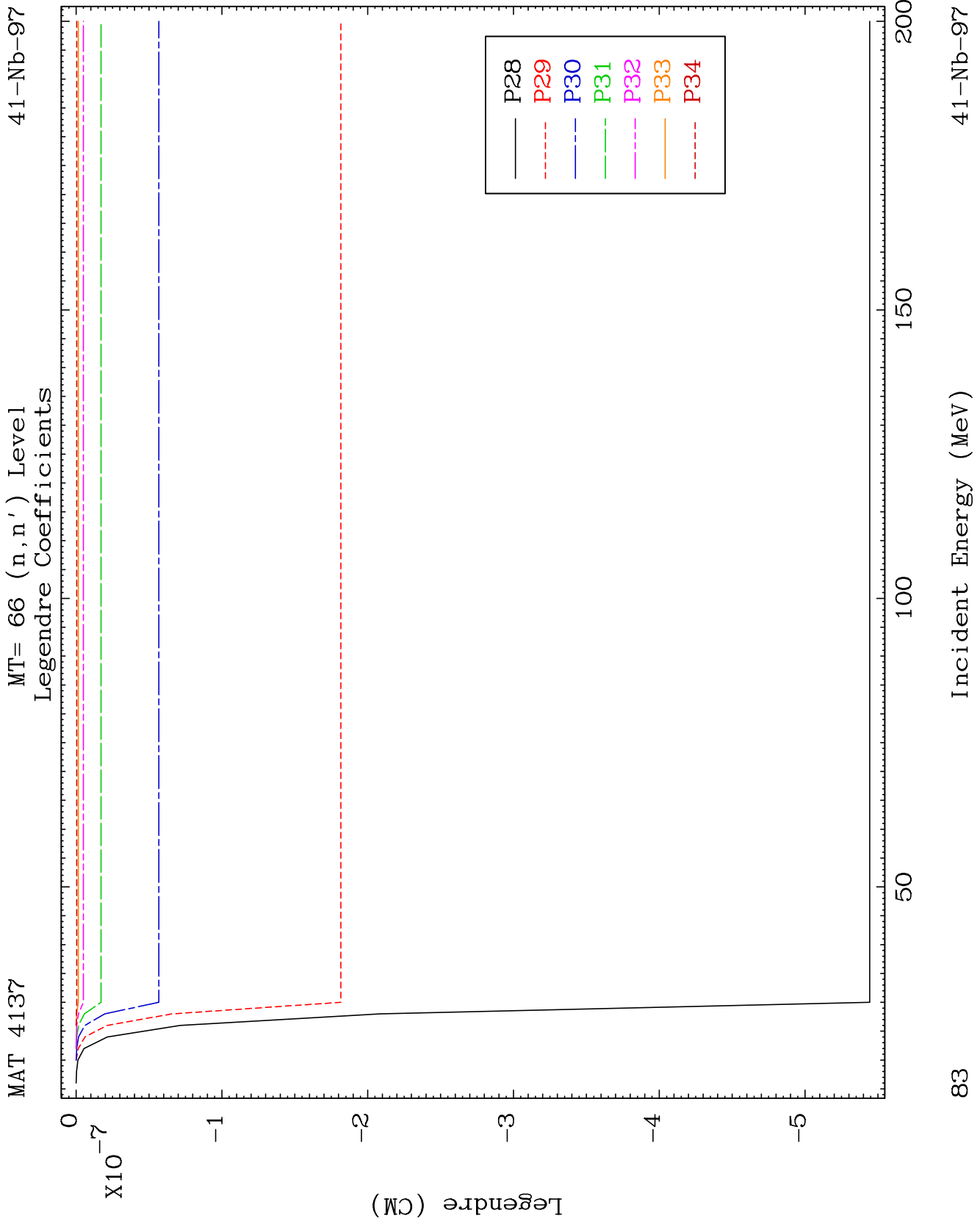


81

Incident Energy (MeV)

41-Nb-97

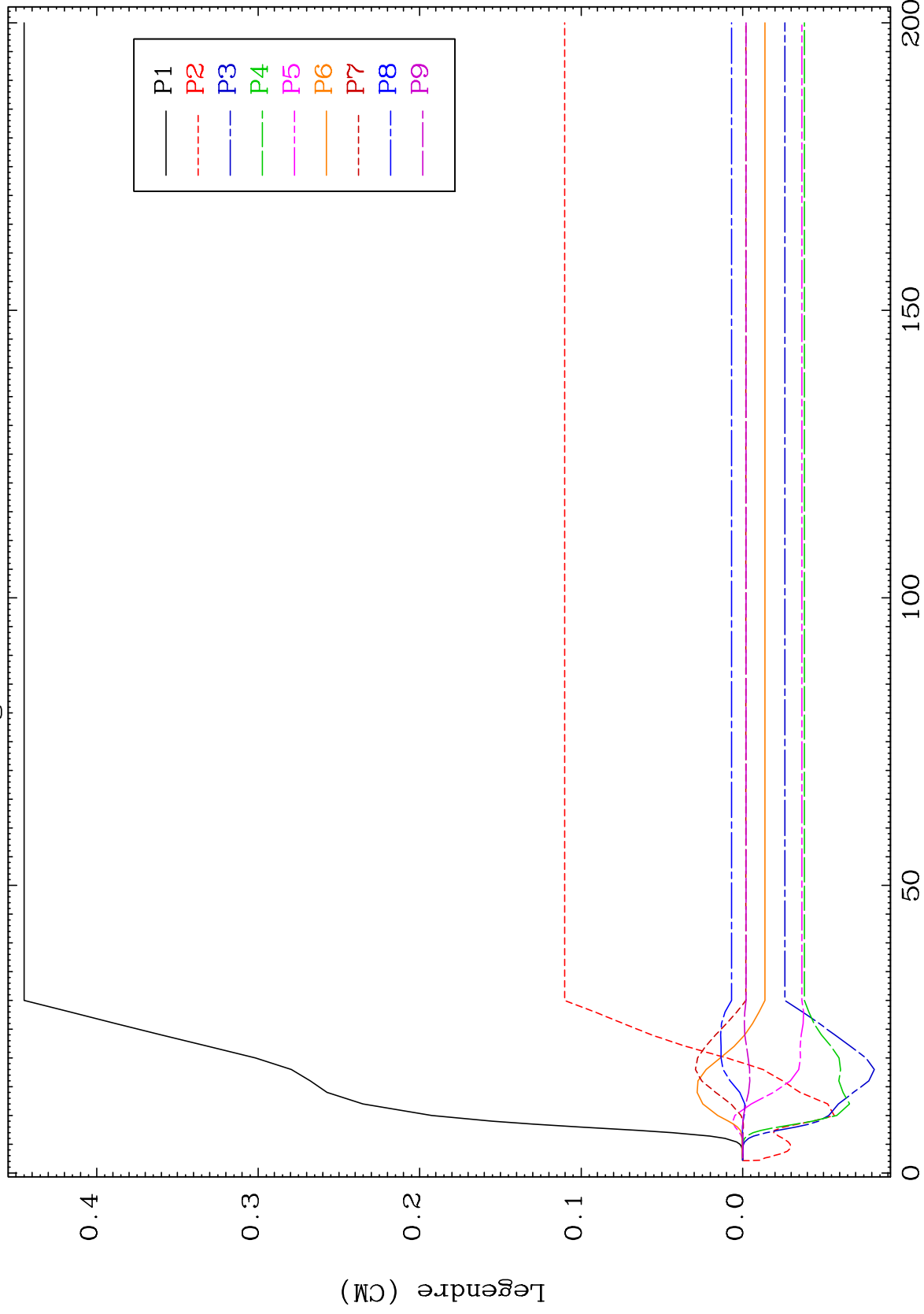




MAT 4137

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

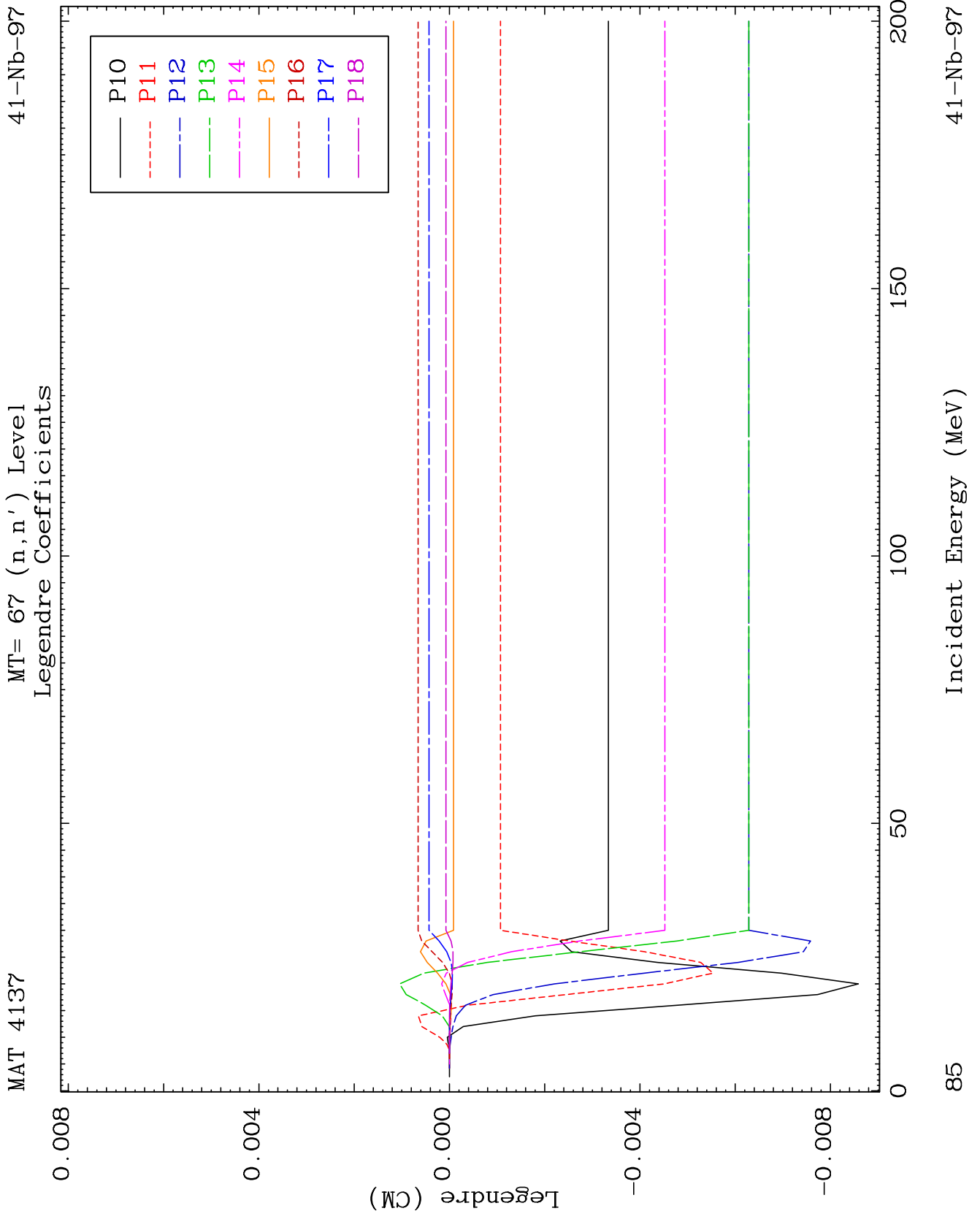
41-Nb-97



84

Incident Energy (MeV)

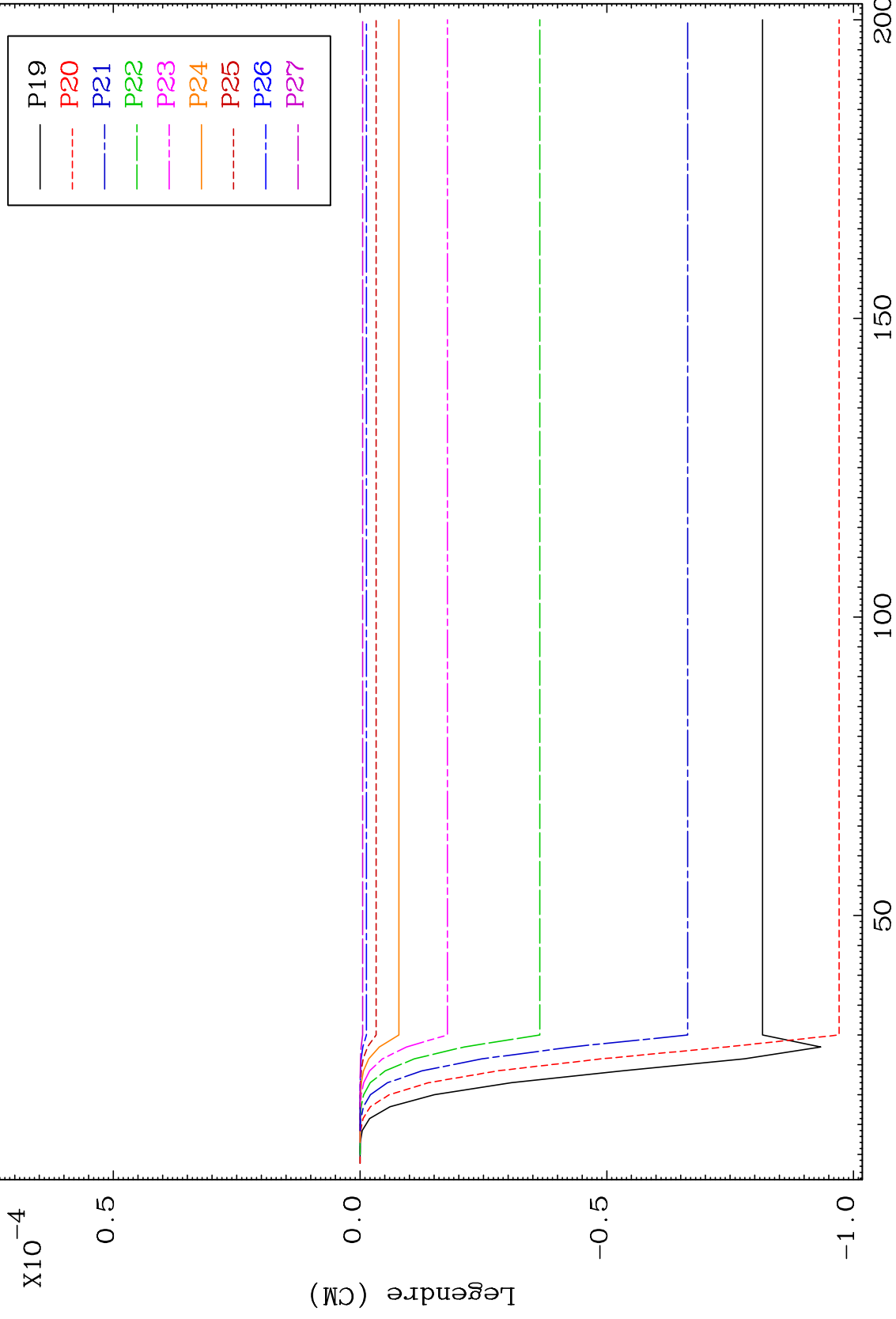
41-Nb-97



MAT 4137

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

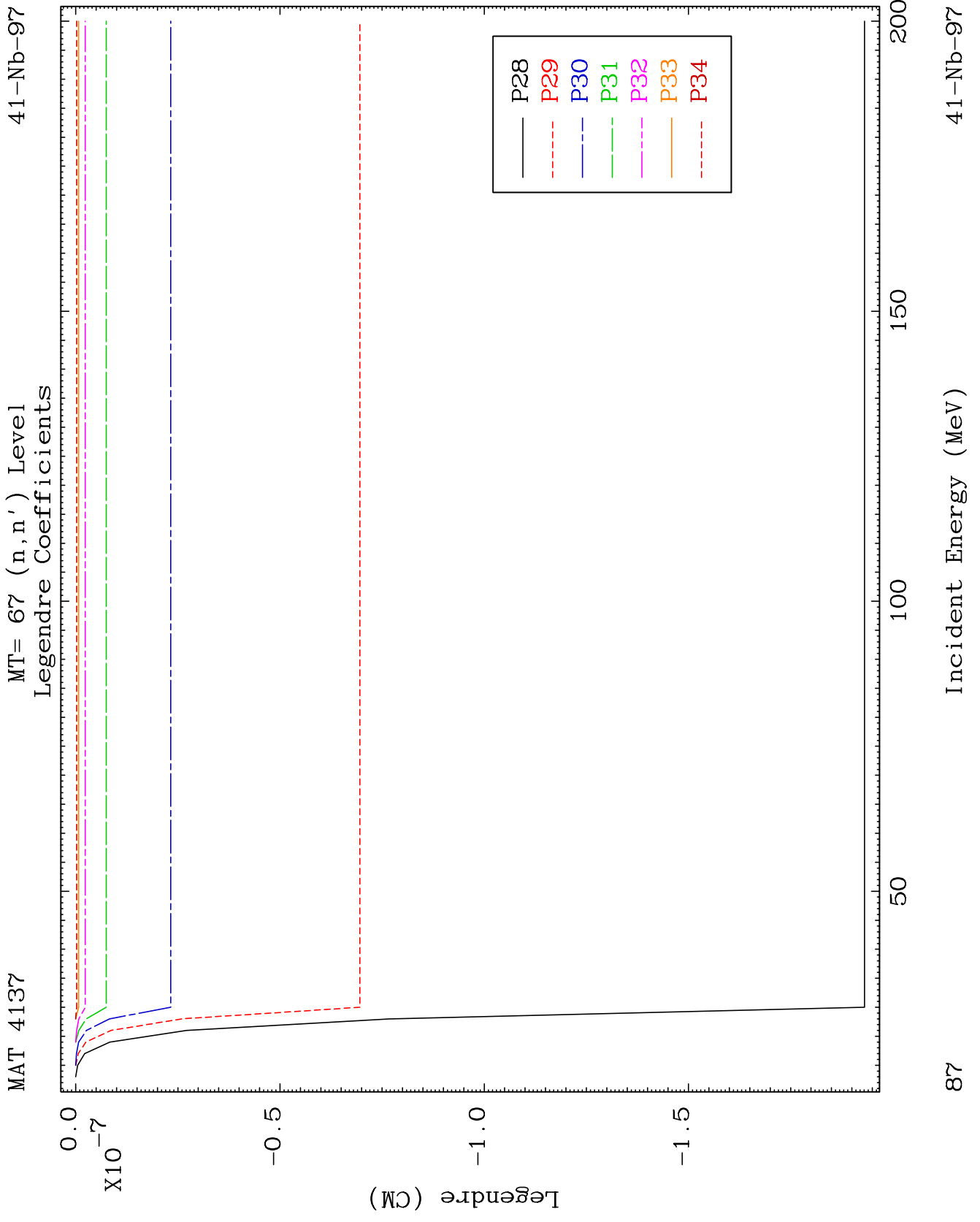
41-Nb-97



86

Incident Energy (MeV)

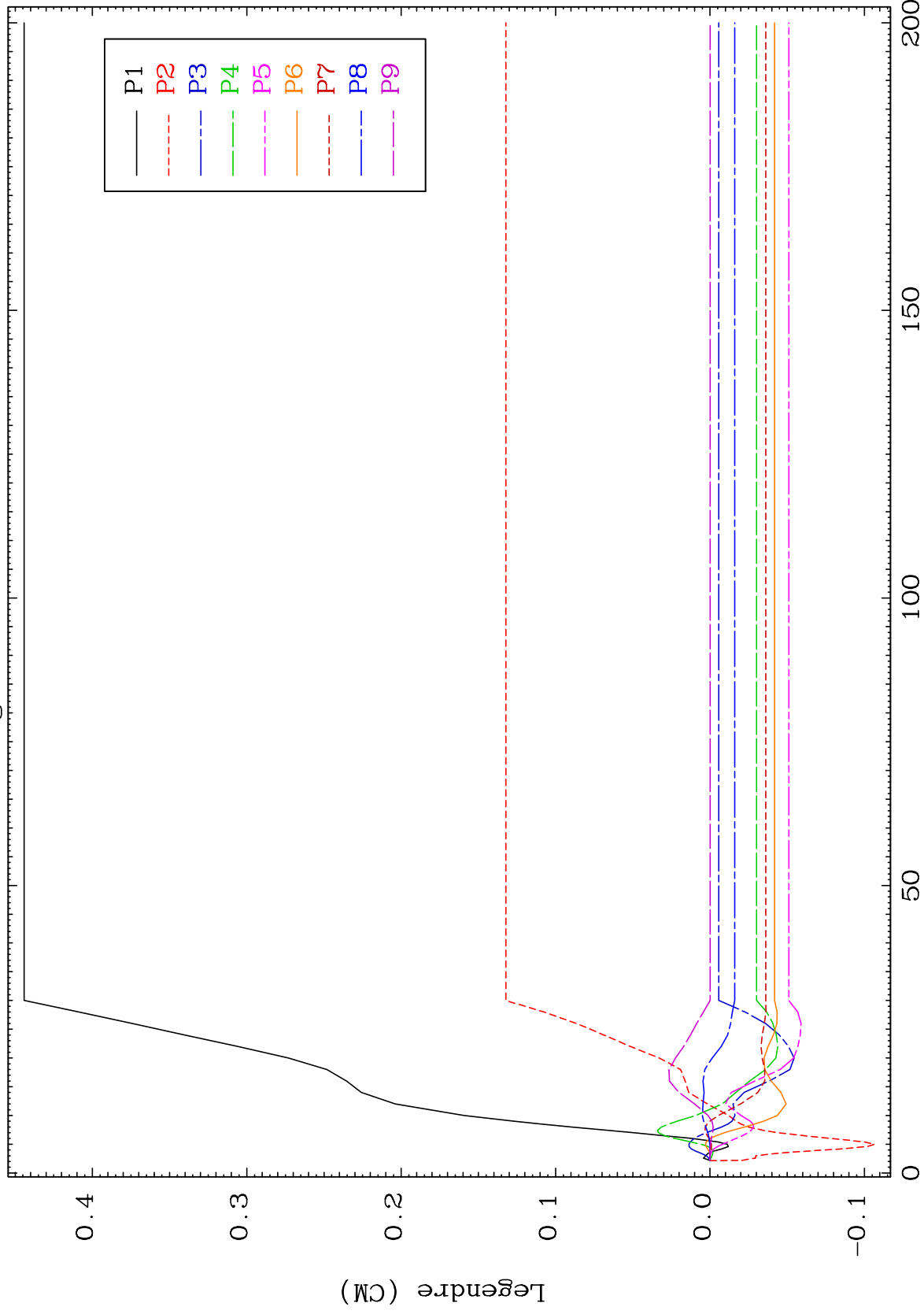
41-Nb-97



MAT 4137

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

41-Nb-97



88

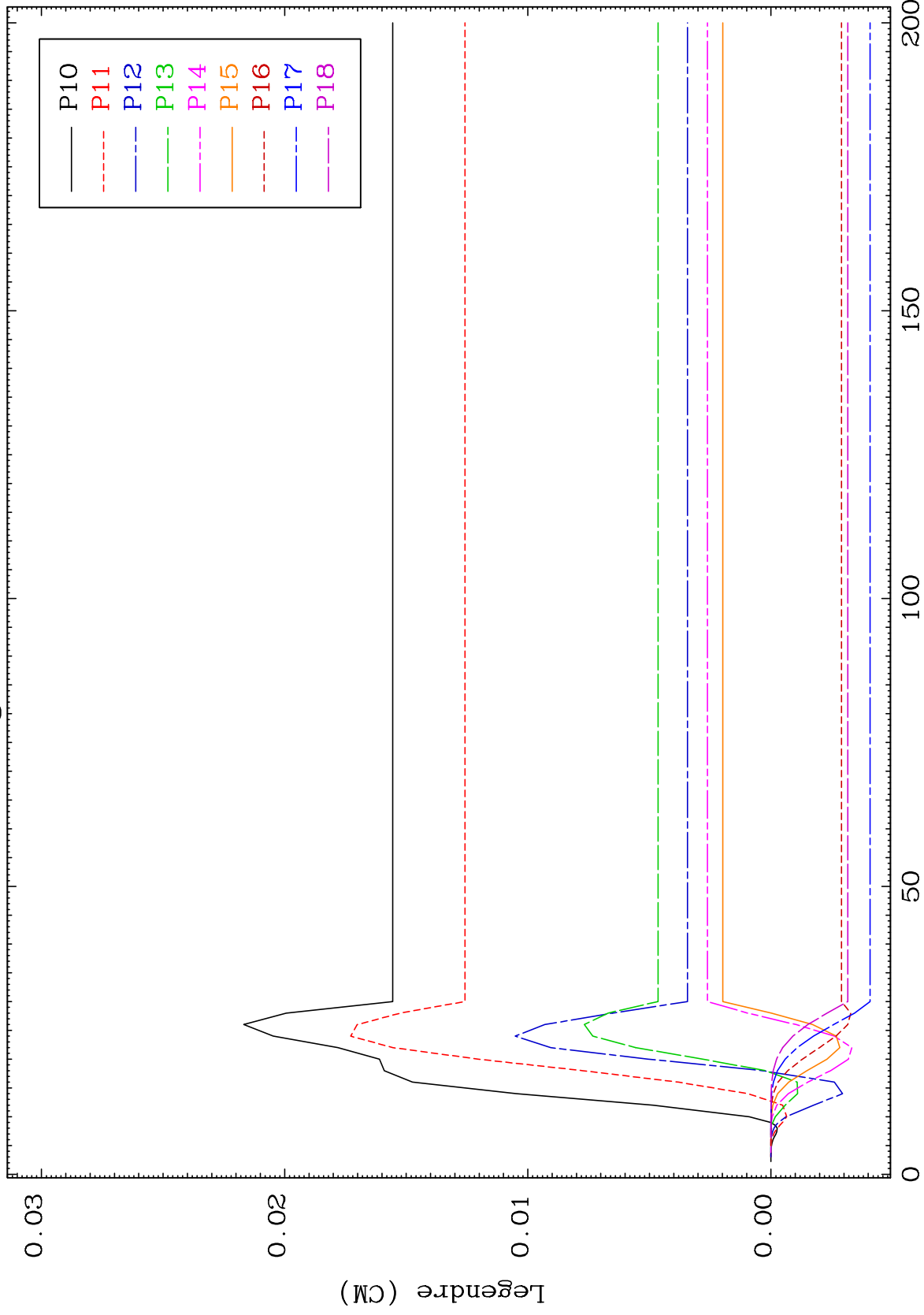
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

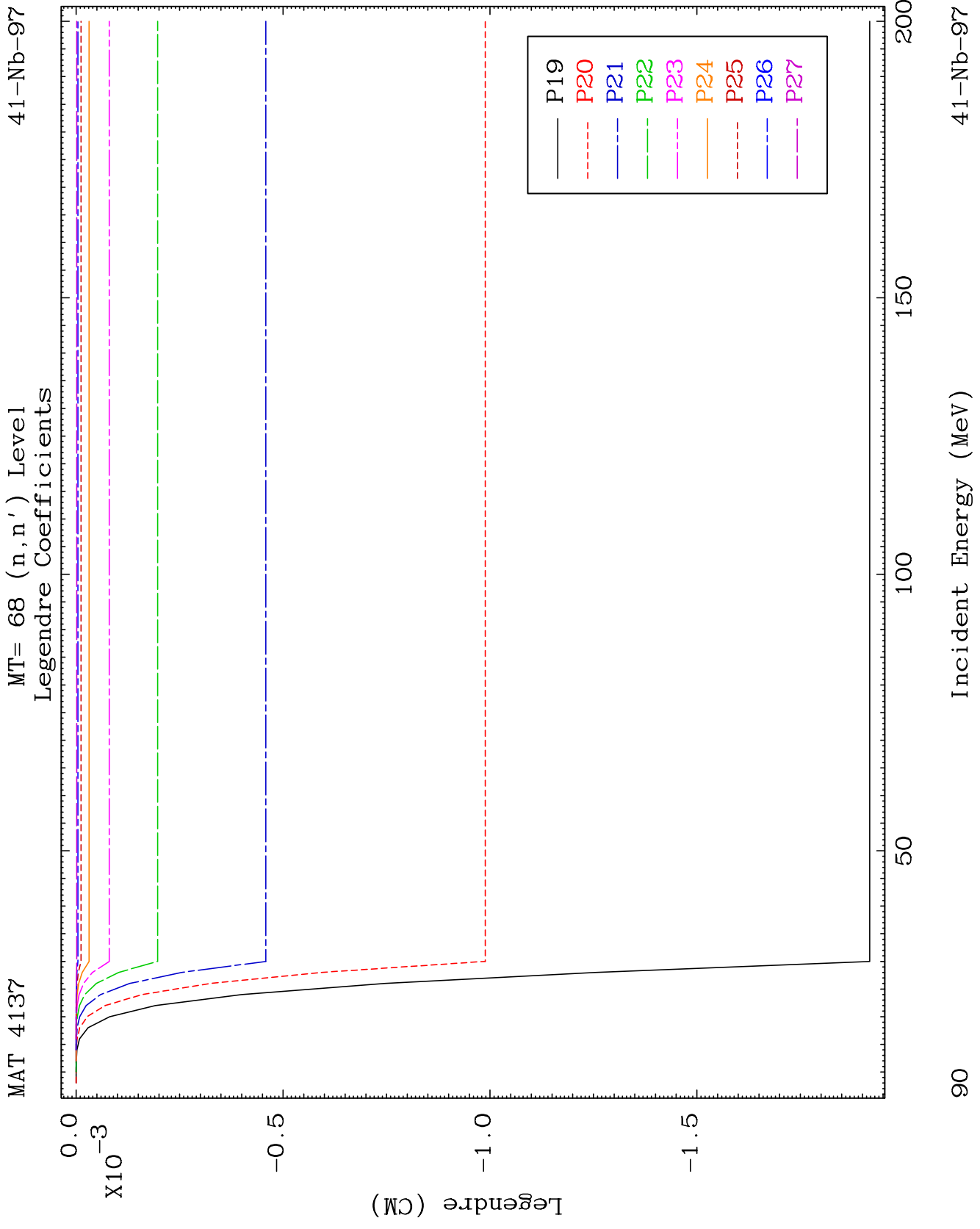
41-Nb-97

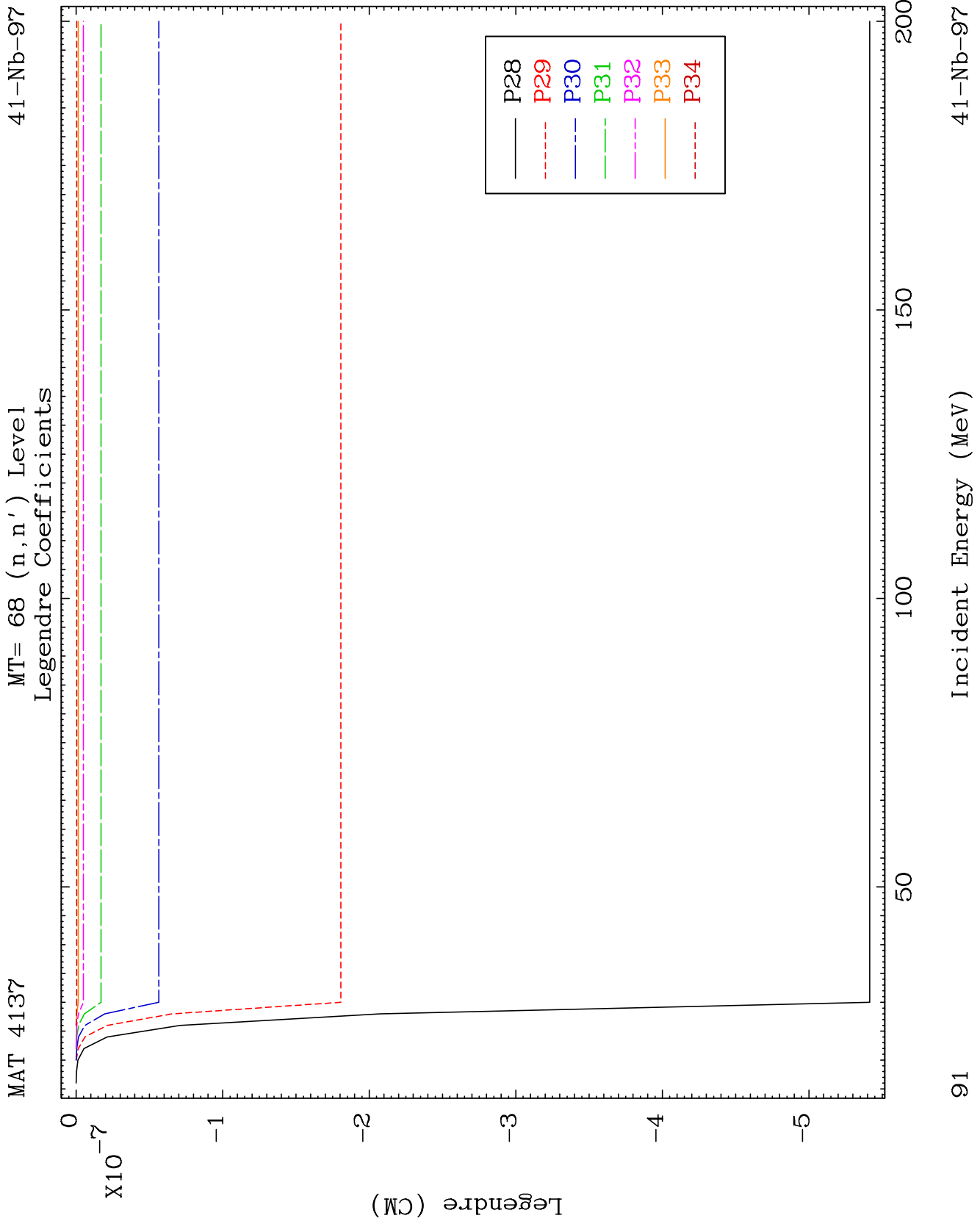


89

Incident Energy (MeV)

41-Nb-97

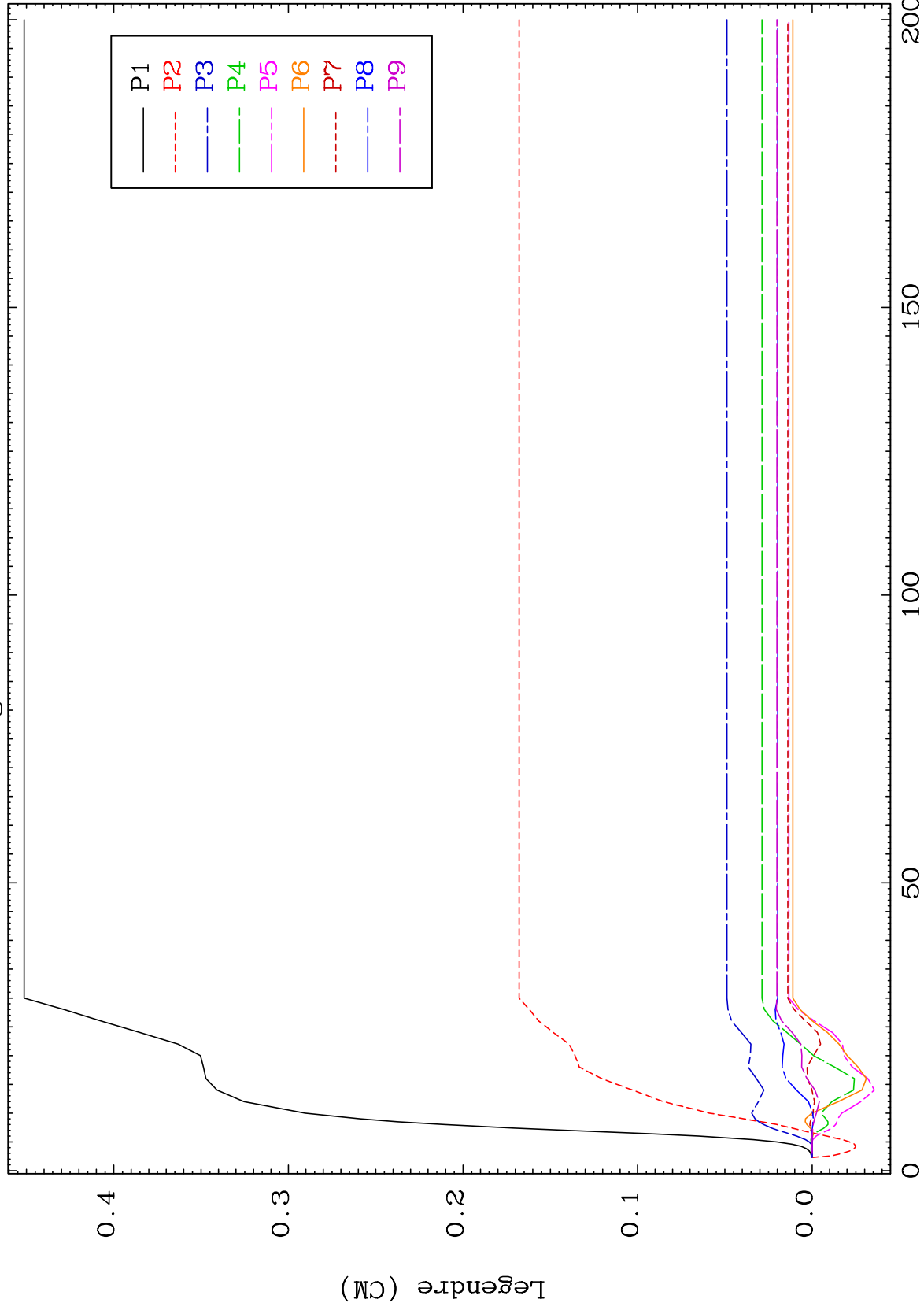




MAT 4137

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

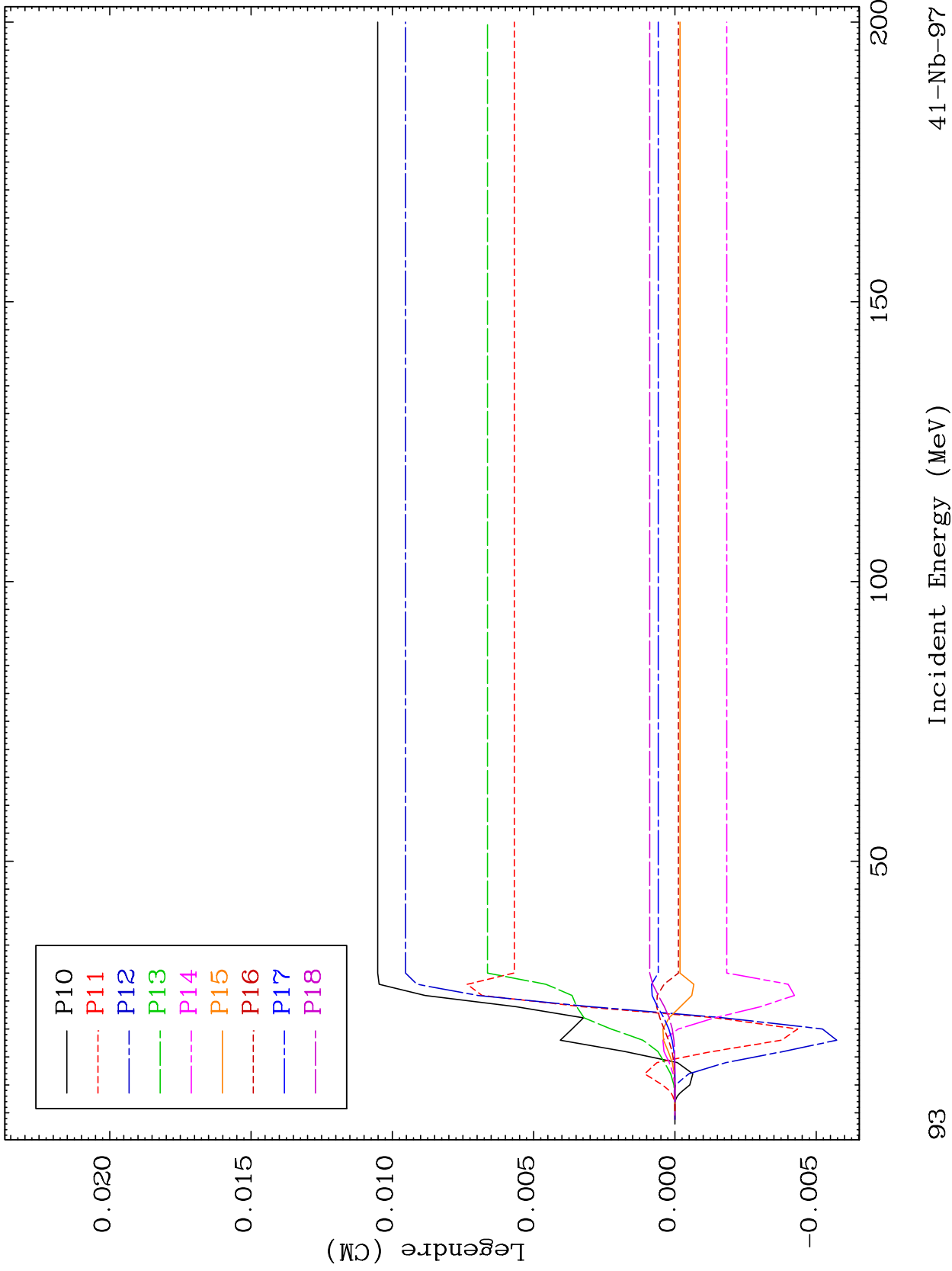
41-Nb-97



92

Incident Energy (MeV)

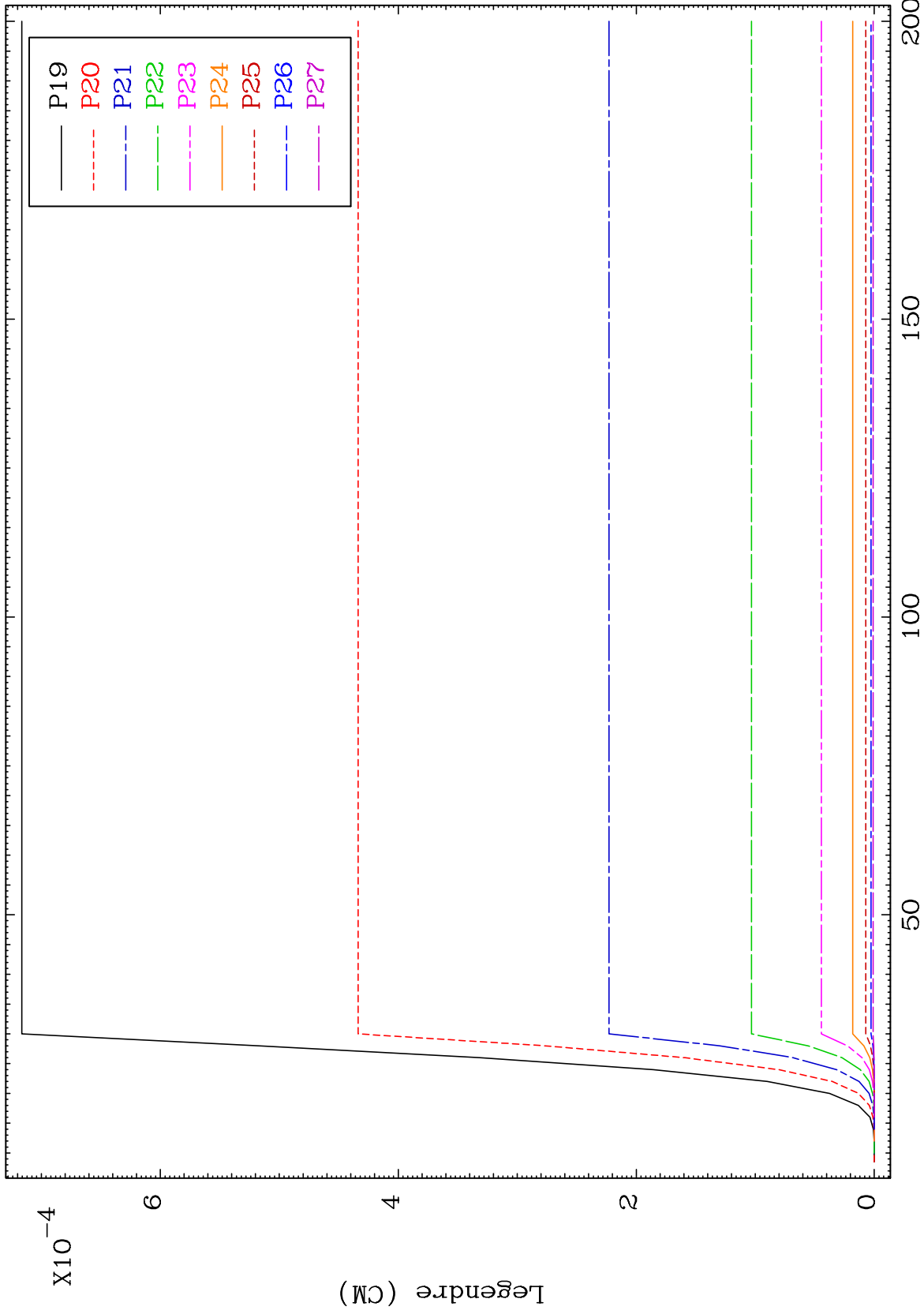
41-Nb-97



MAT 4137

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

41-Nb-97



94

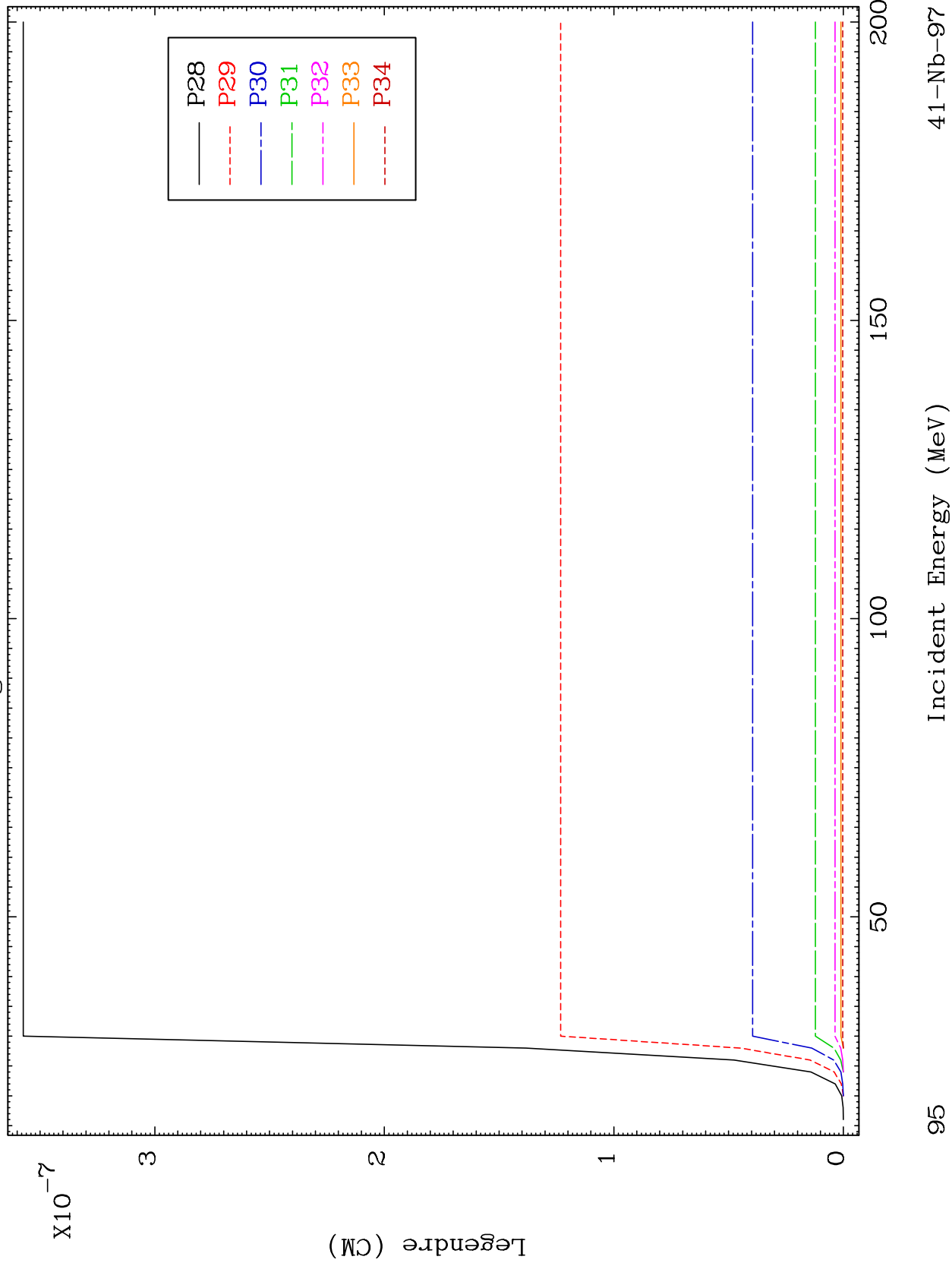
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

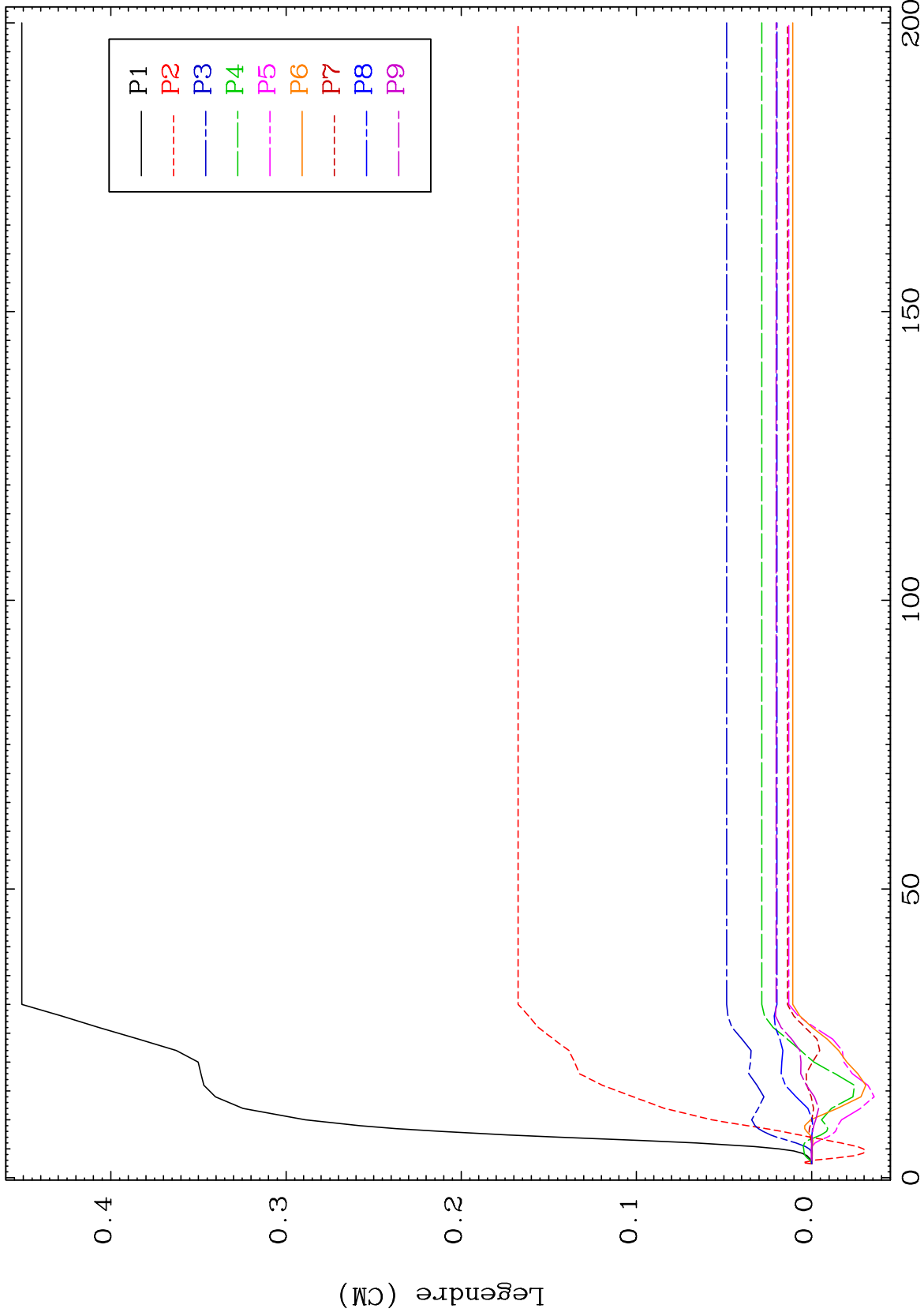
41-Nb-97



MAT 4137

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

41-Nb-97



96

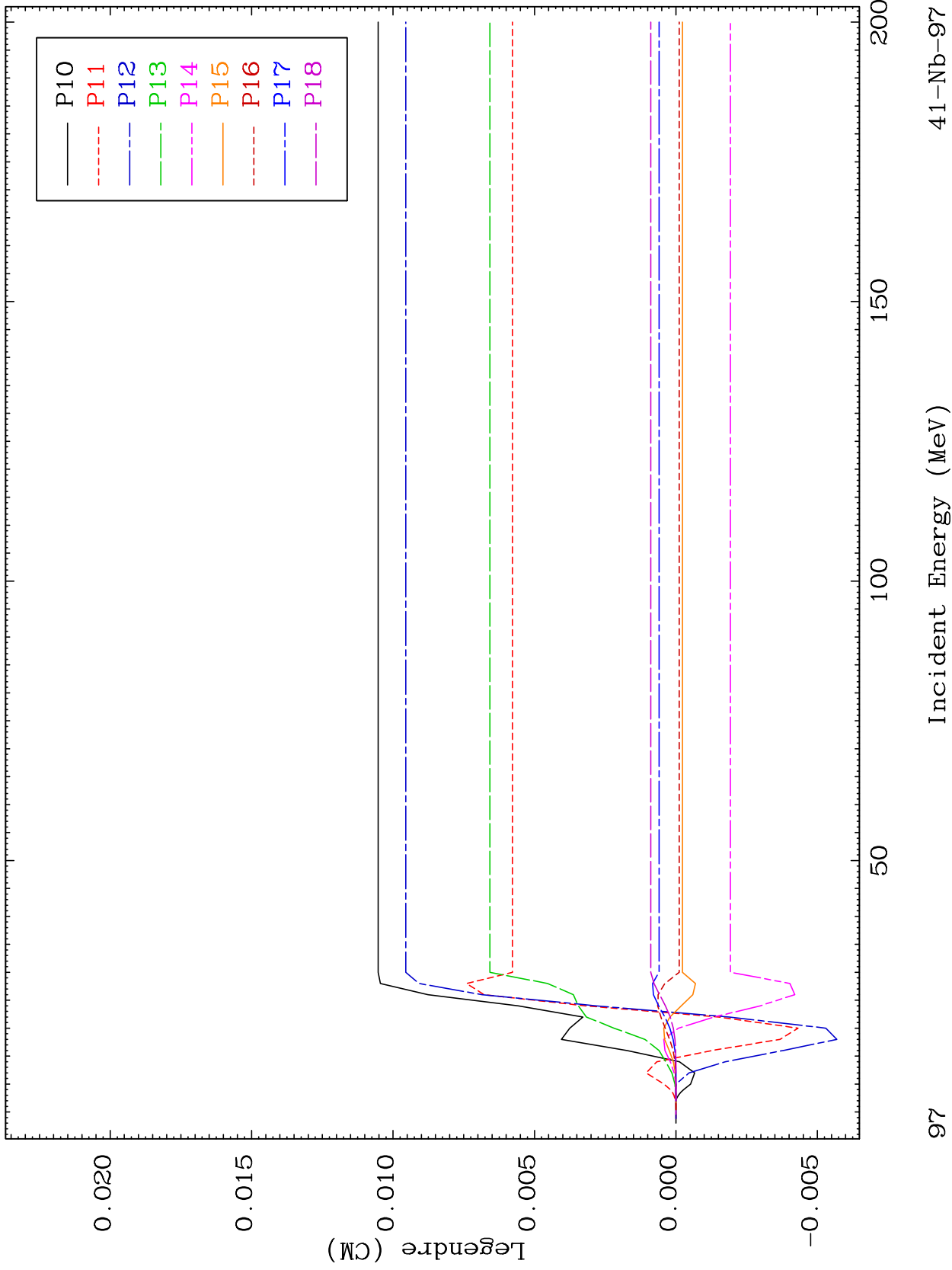
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



97

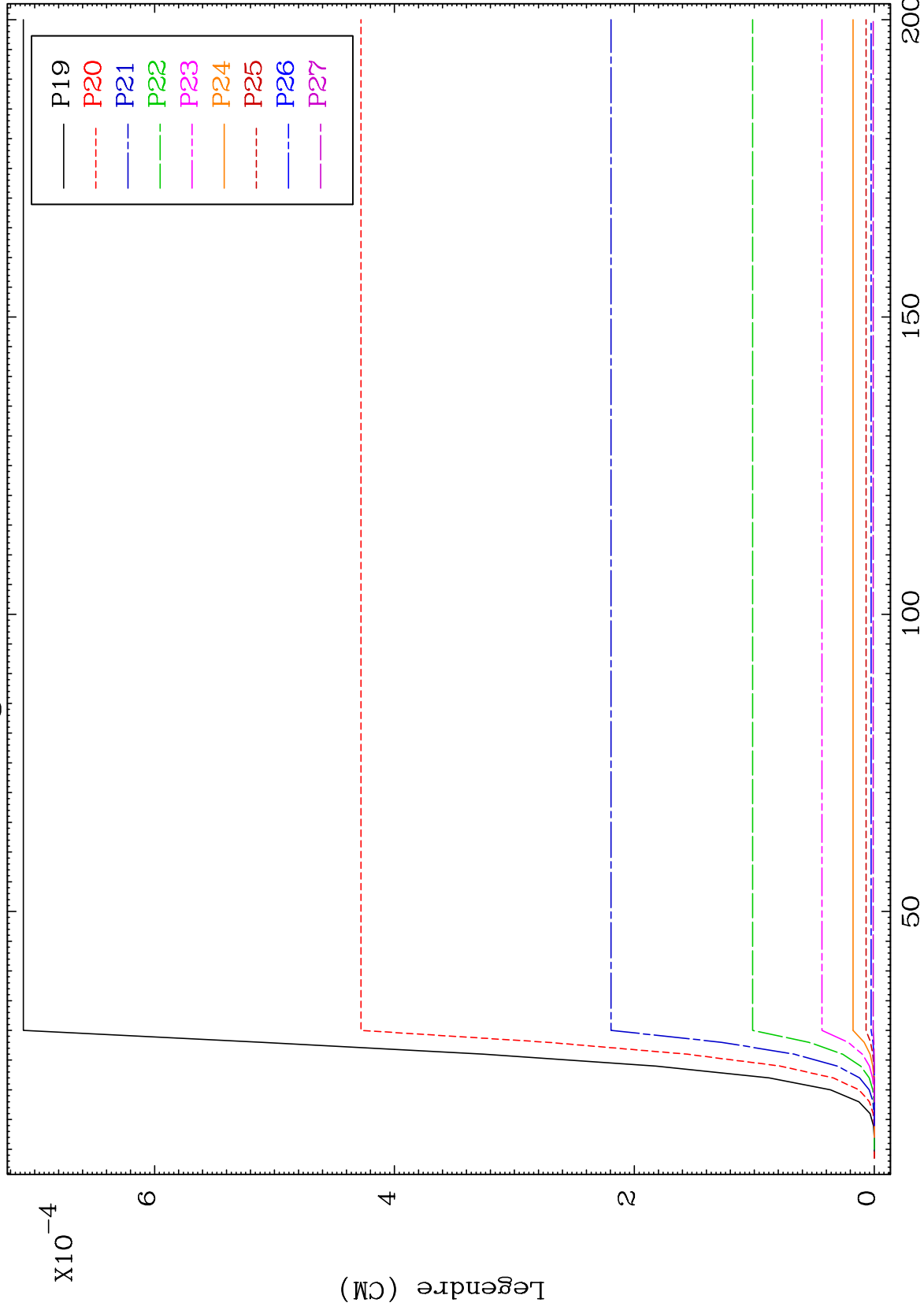
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



98

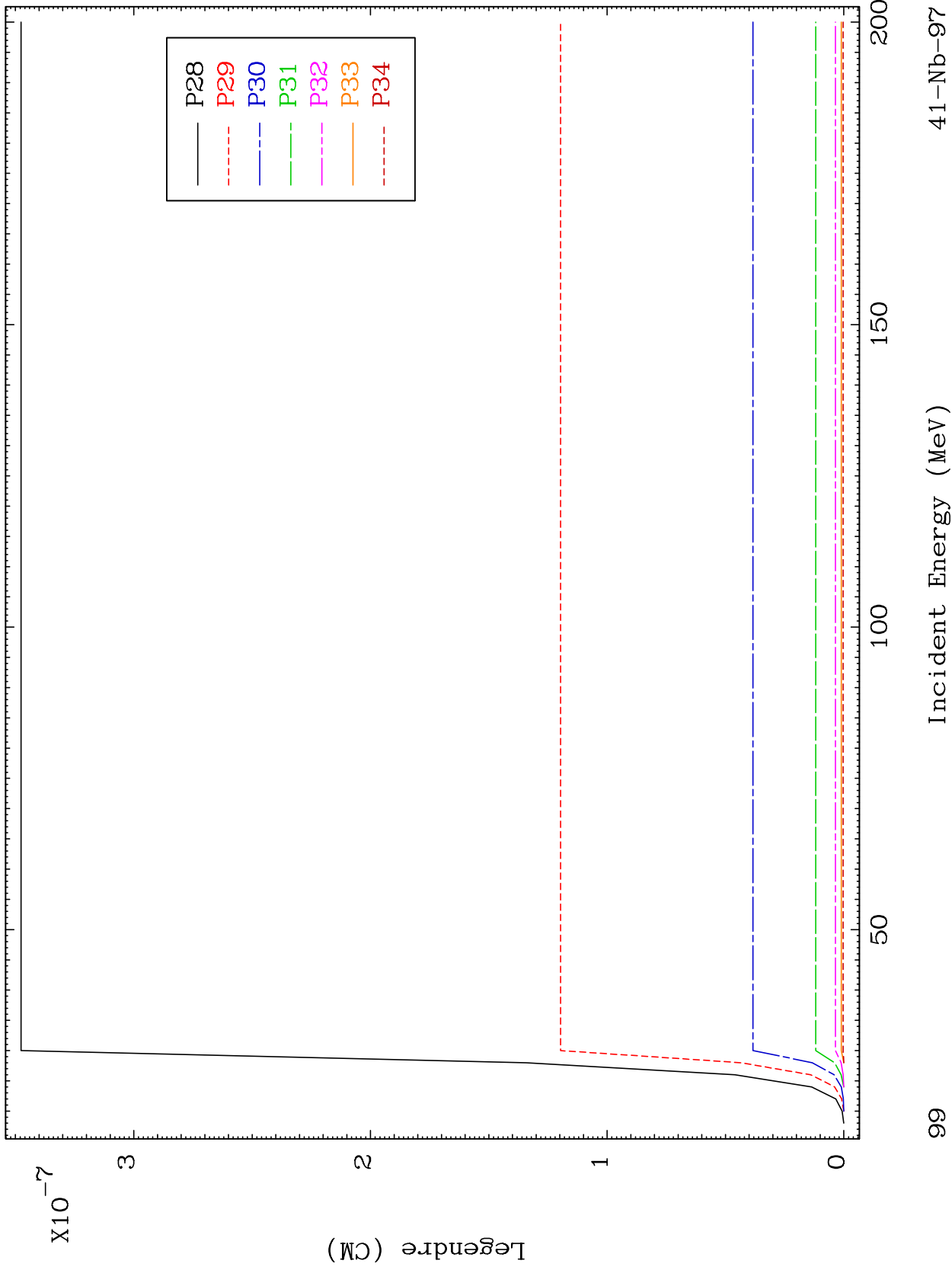
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97

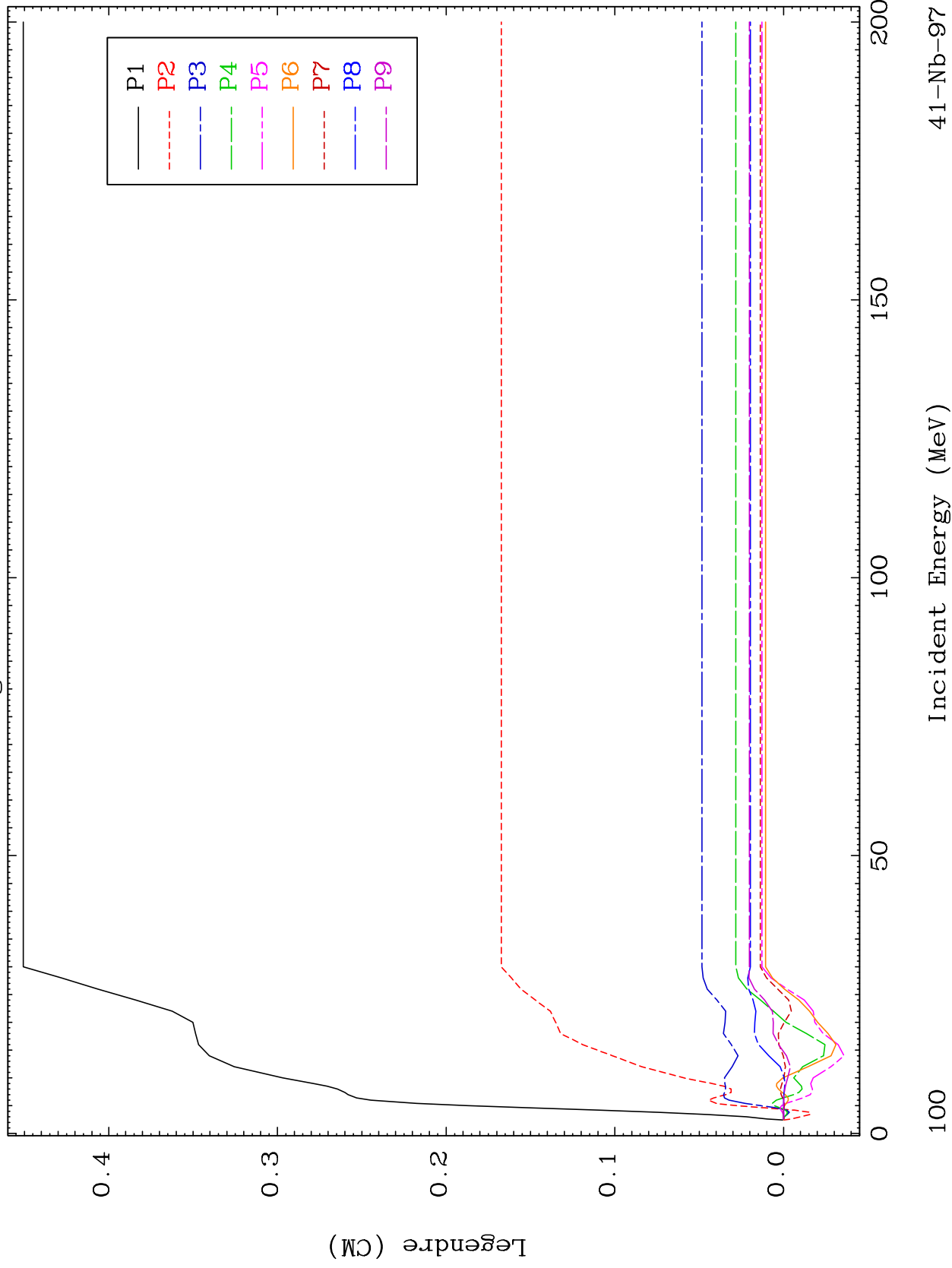


99

MAT 4137

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

41-Nb-97

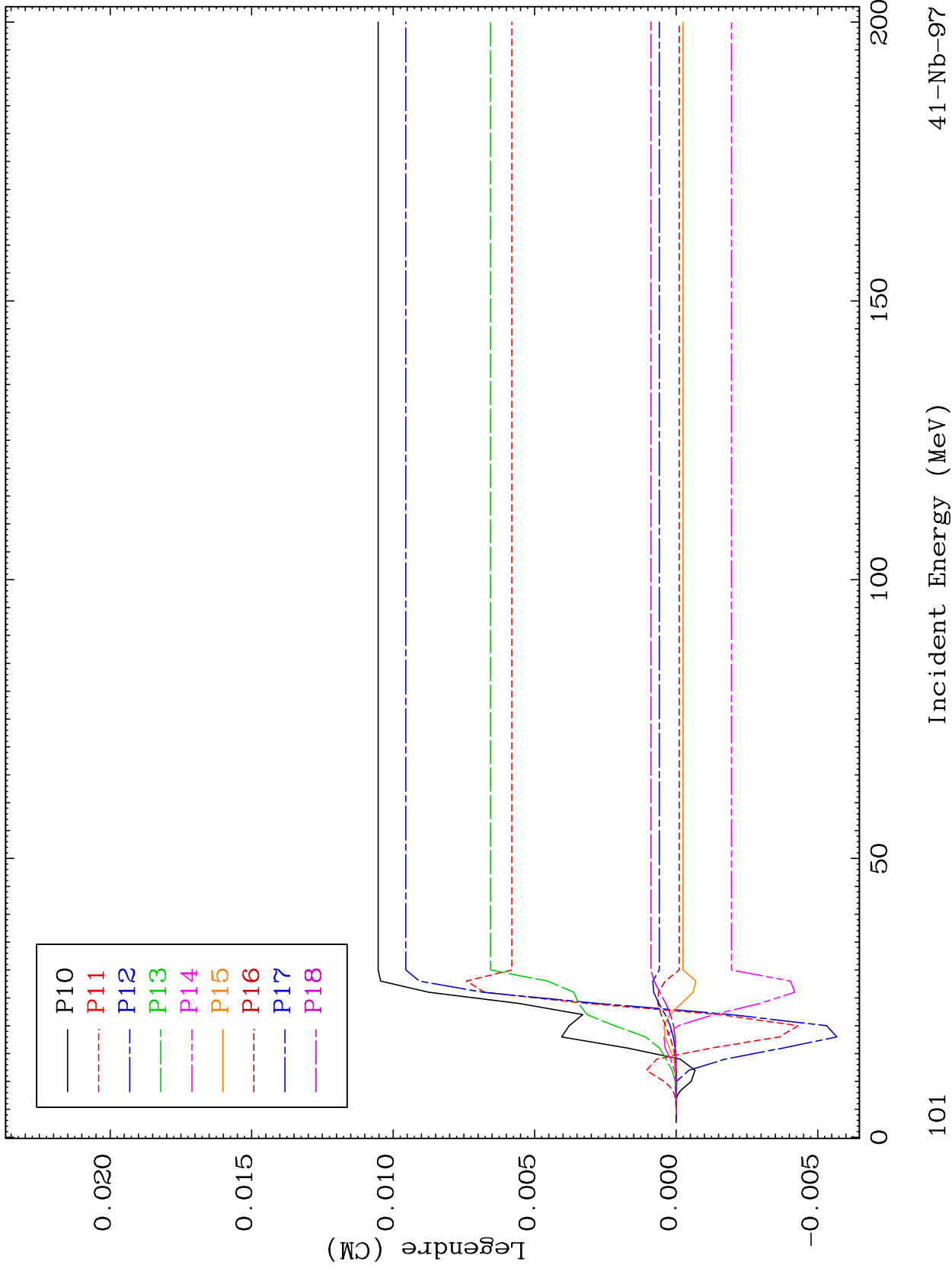


41-Nb-97

MAT 4137

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

41-Nb-97



101

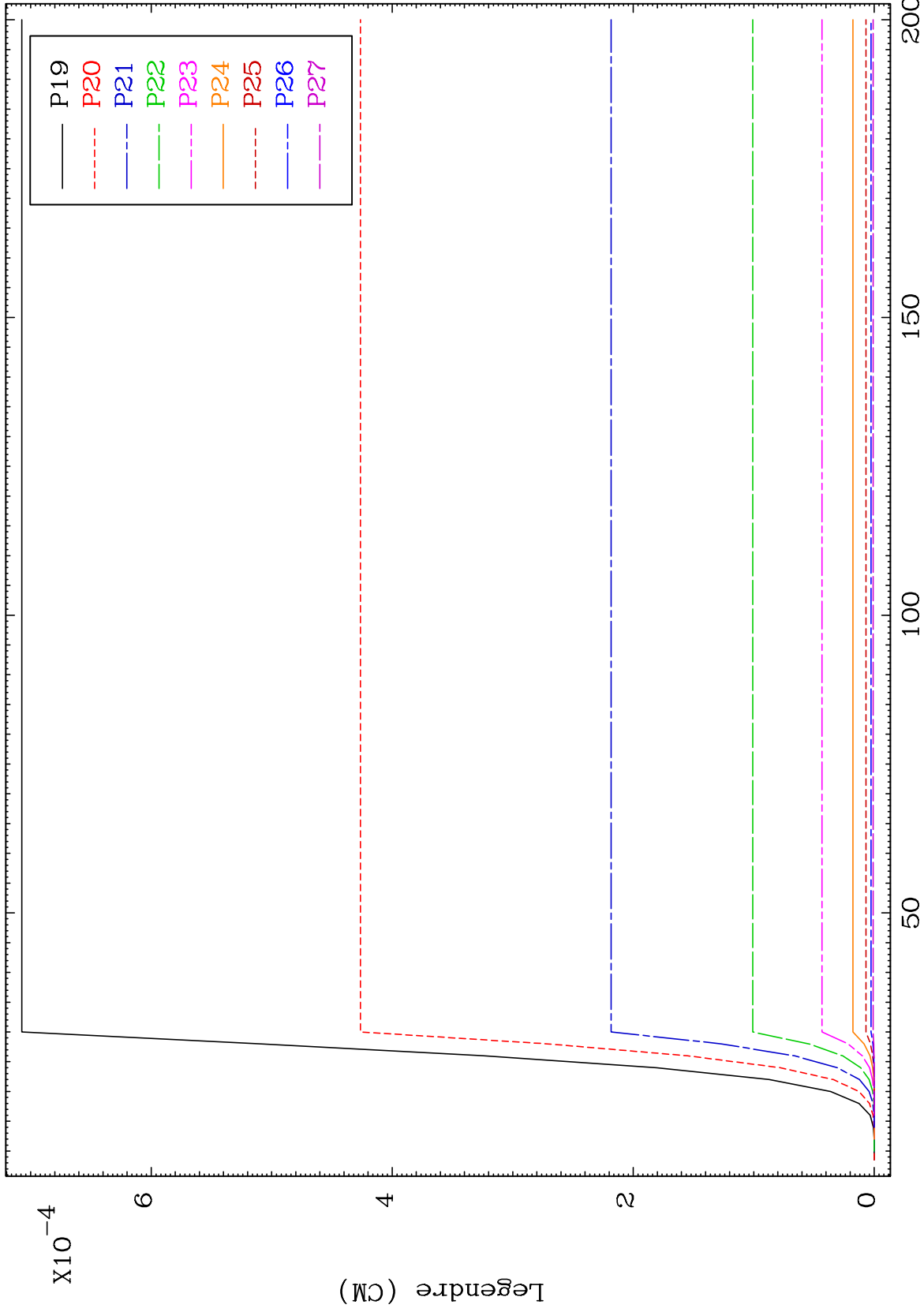
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



102

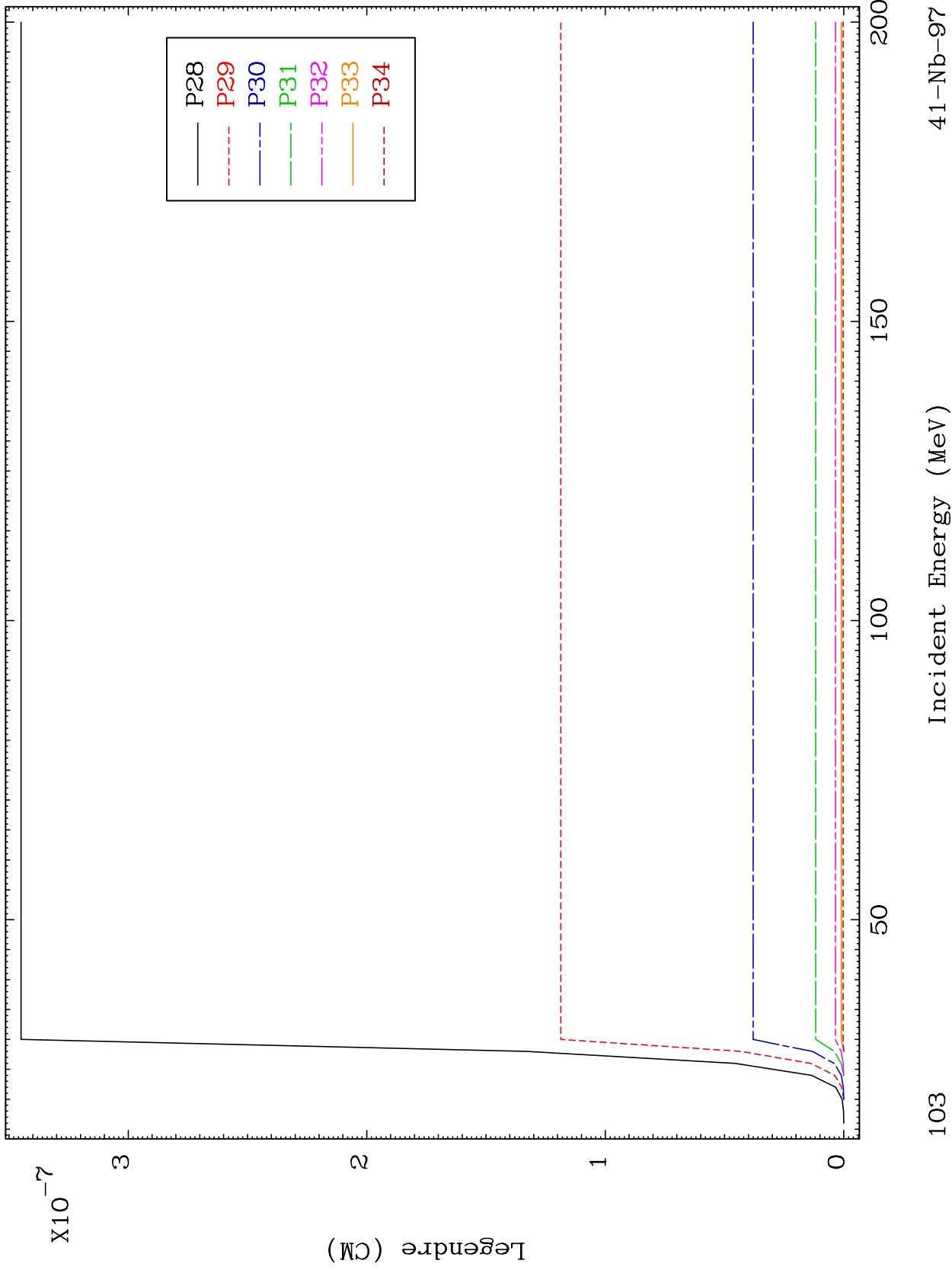
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

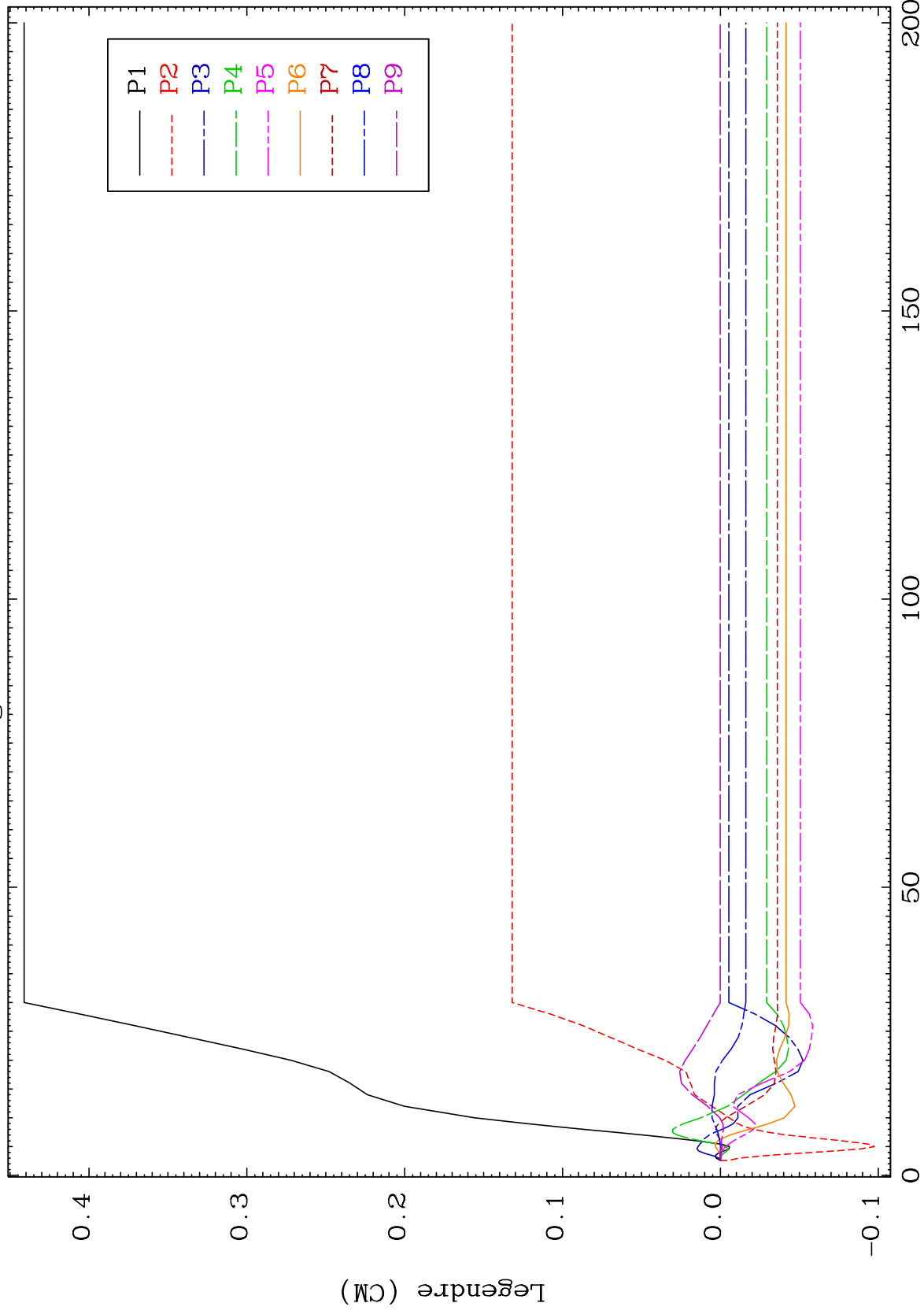
41-Nb-97



MAT 4137

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

41-Nb-97



104

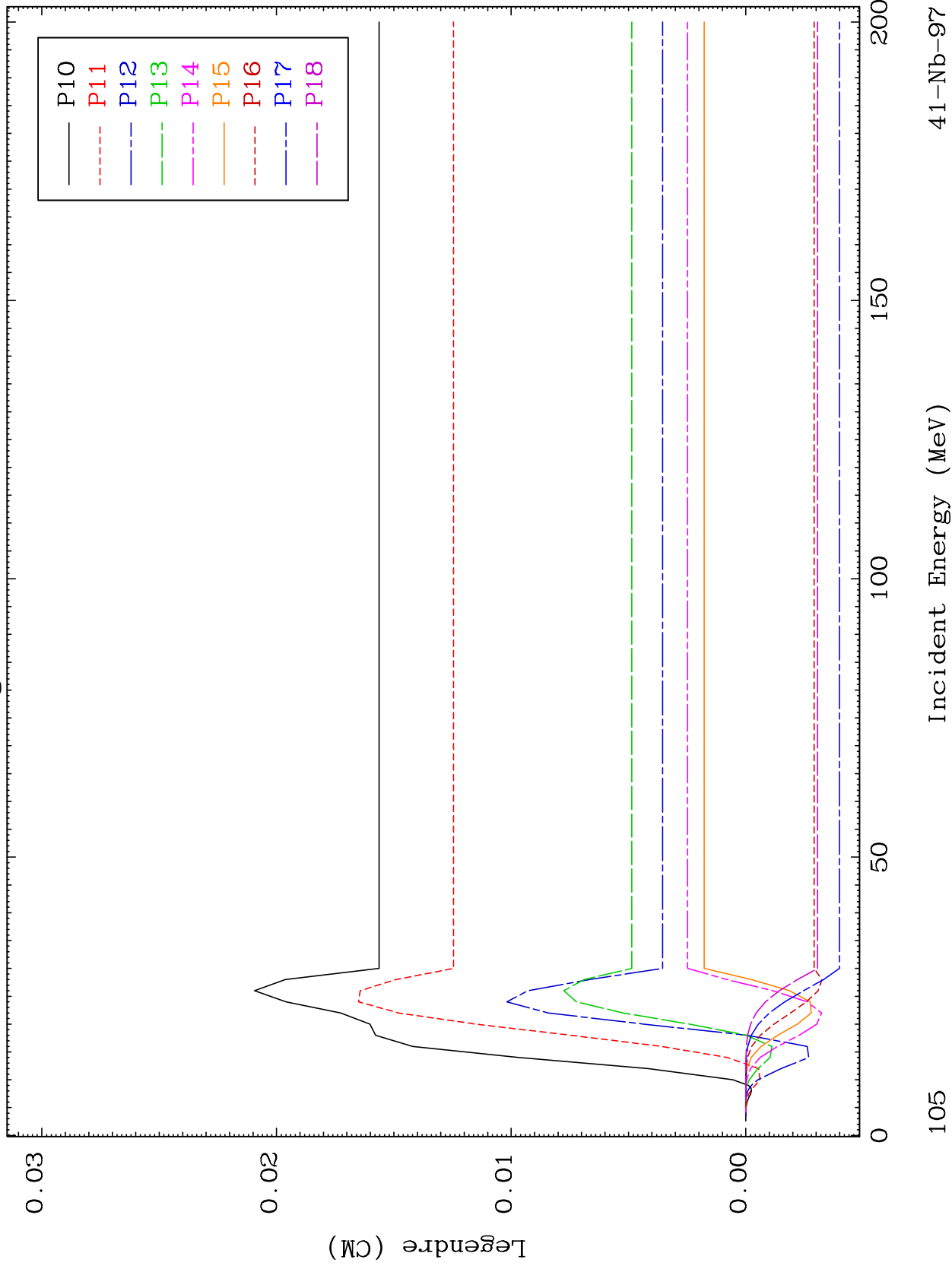
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



105

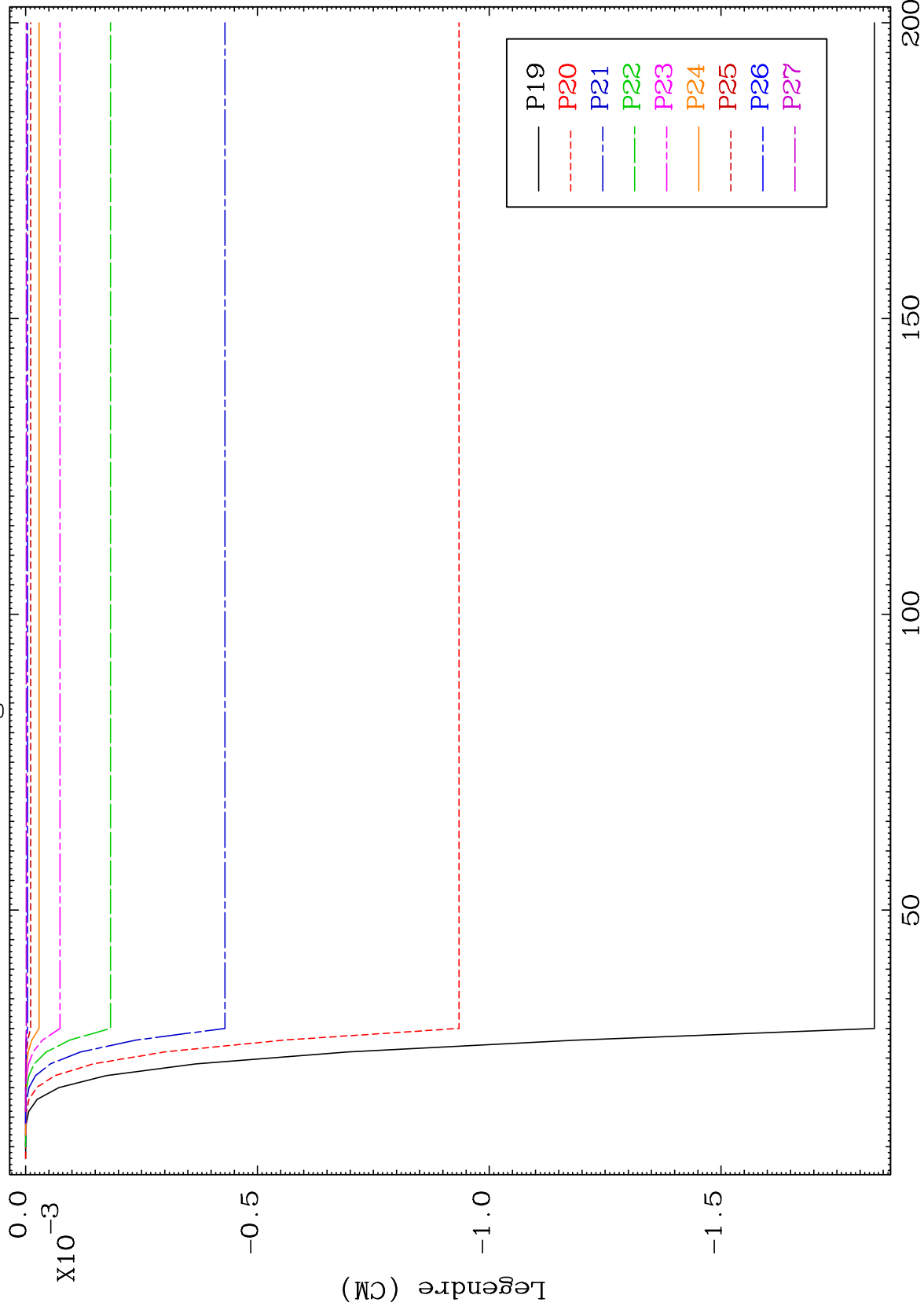
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

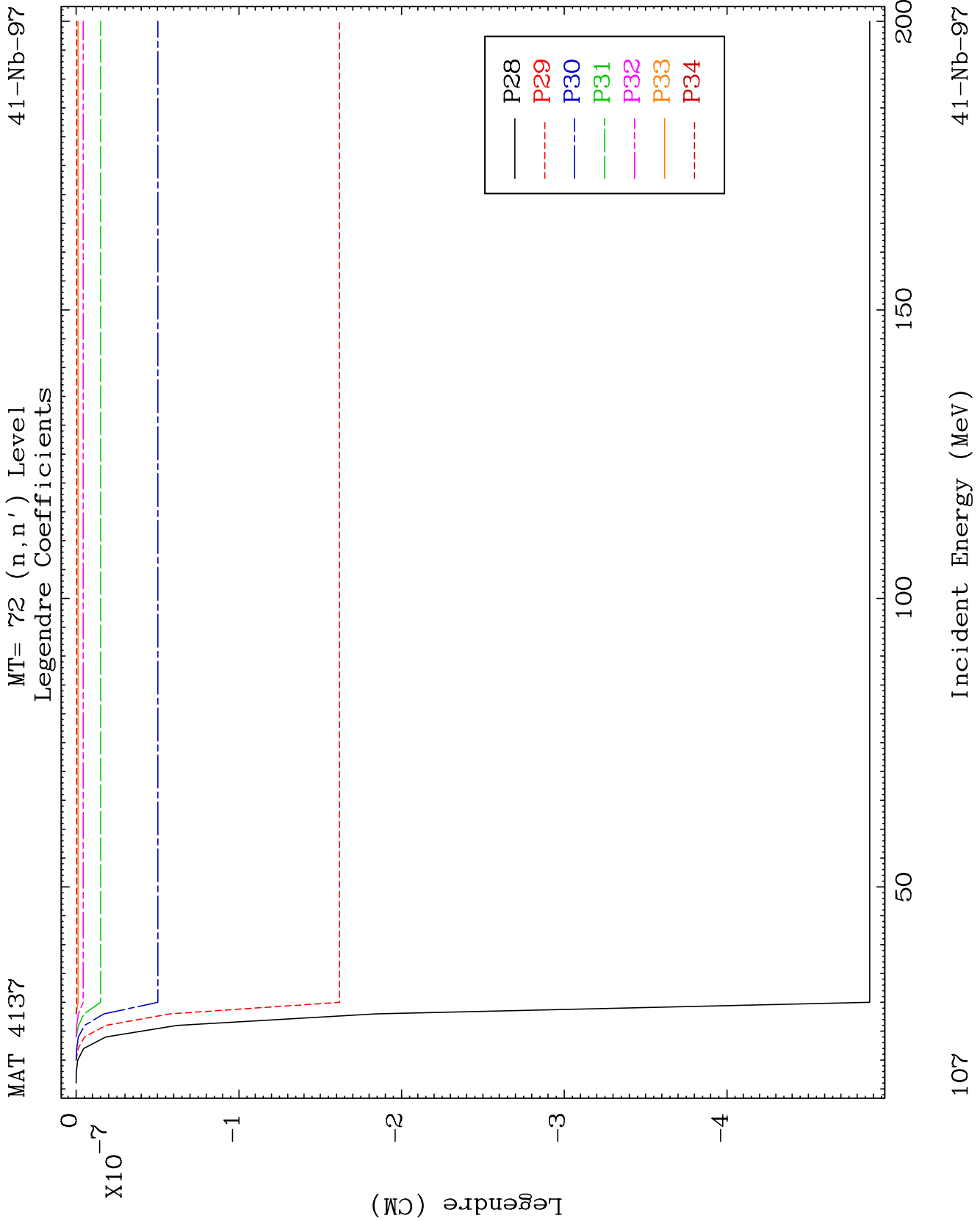
41-Nb-97



106

Incident Energy (MeV)

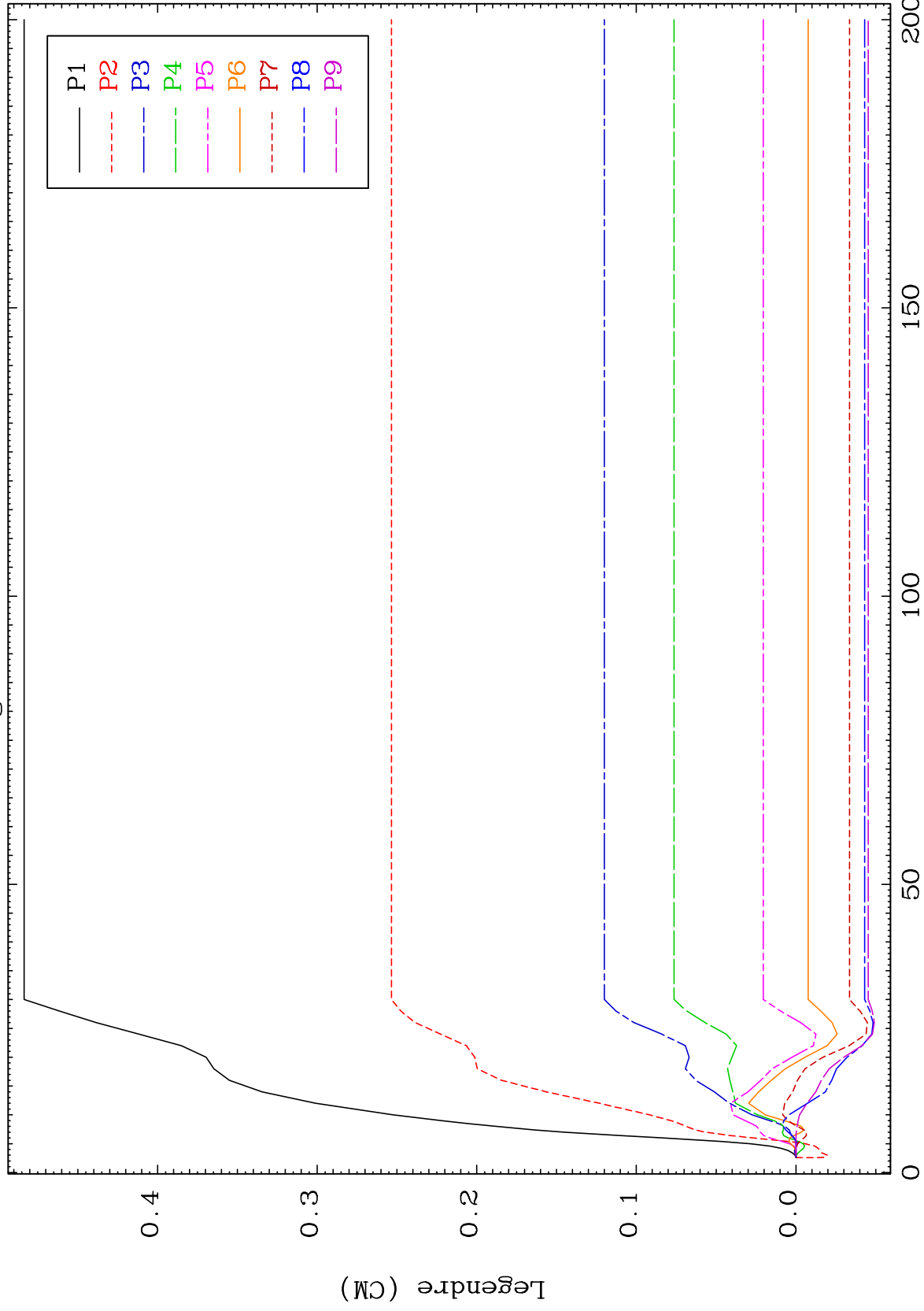
41-Nb-97



MAT 4137

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

41-Nb-97



108

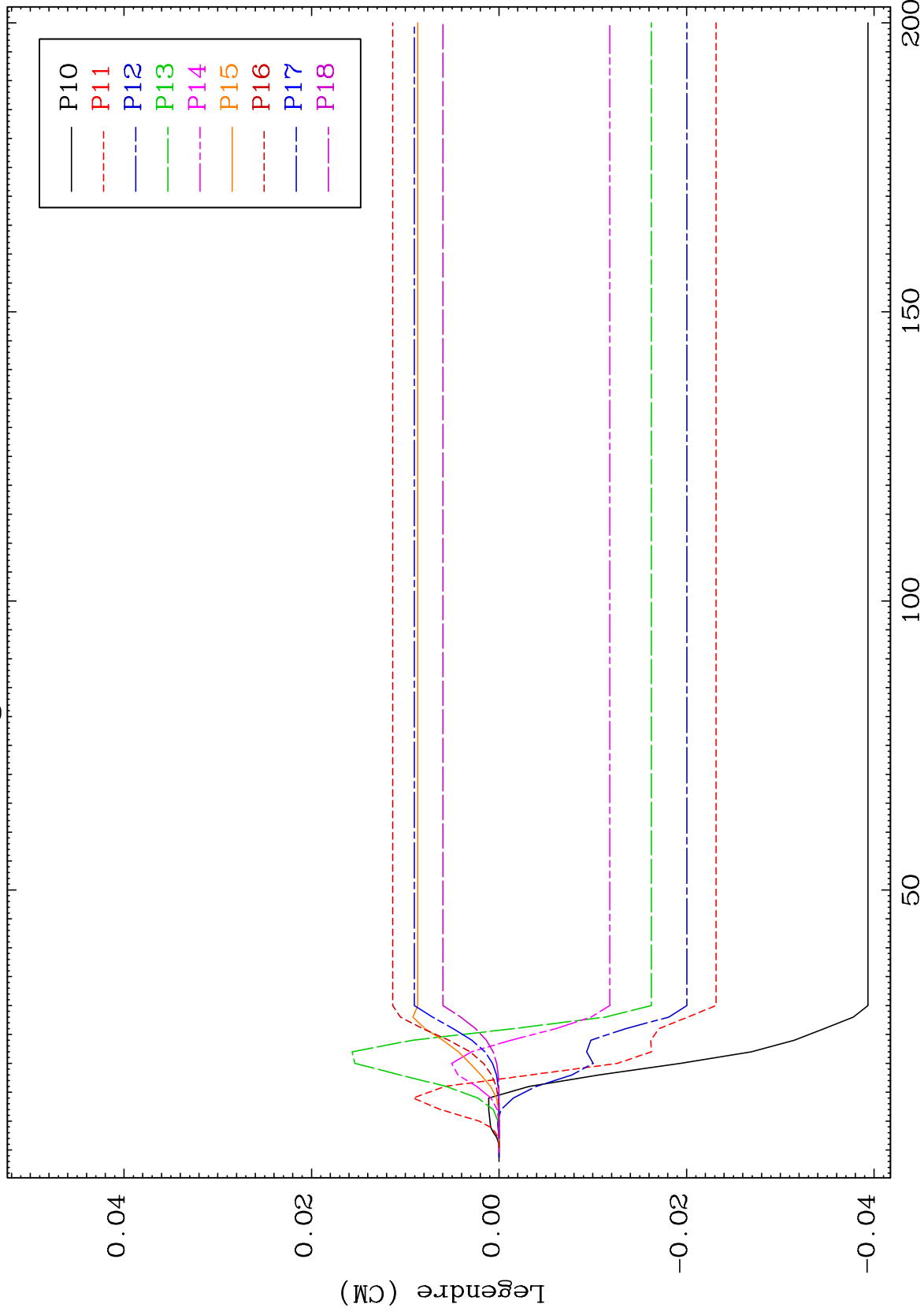
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



109

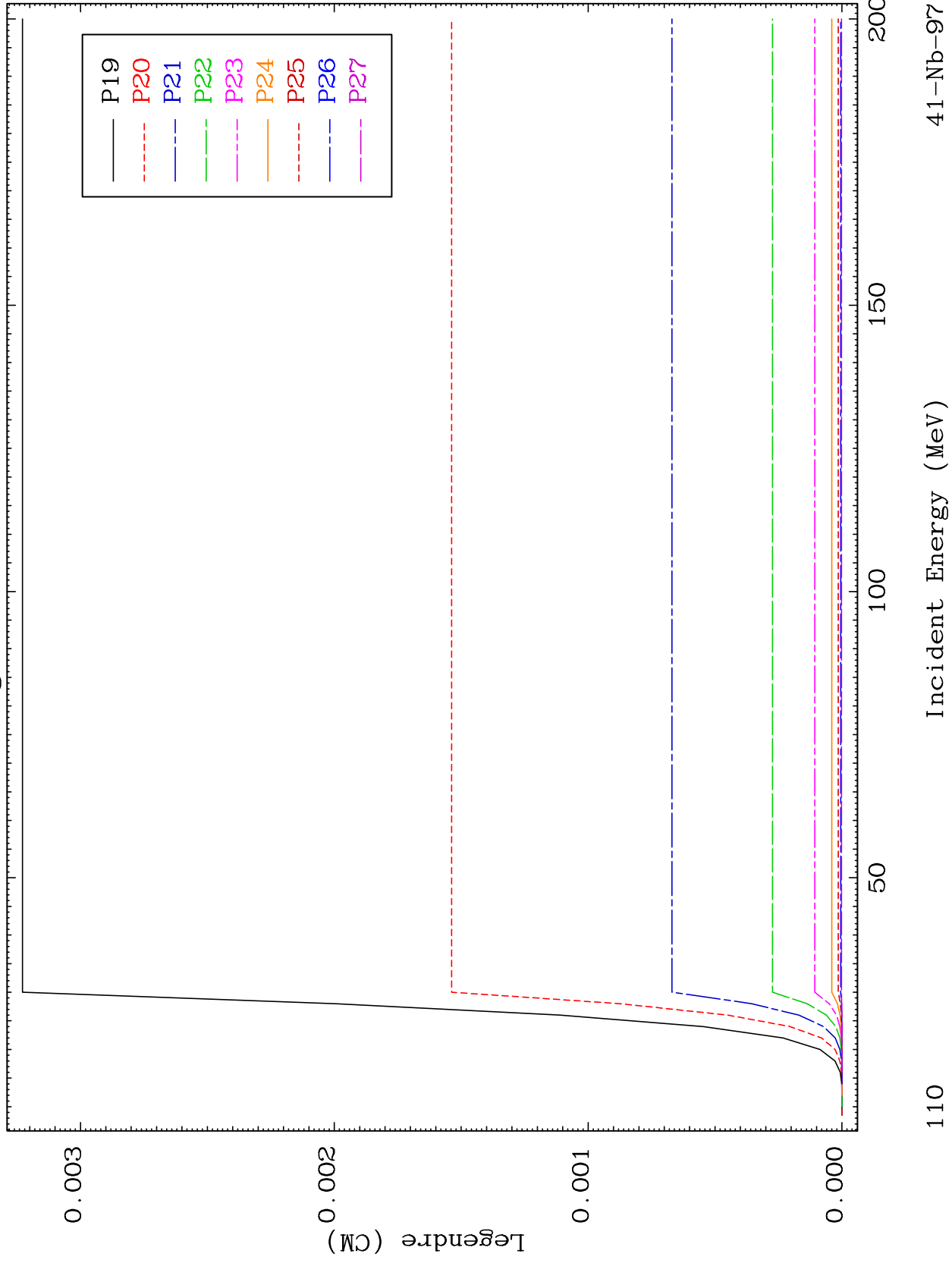
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



110

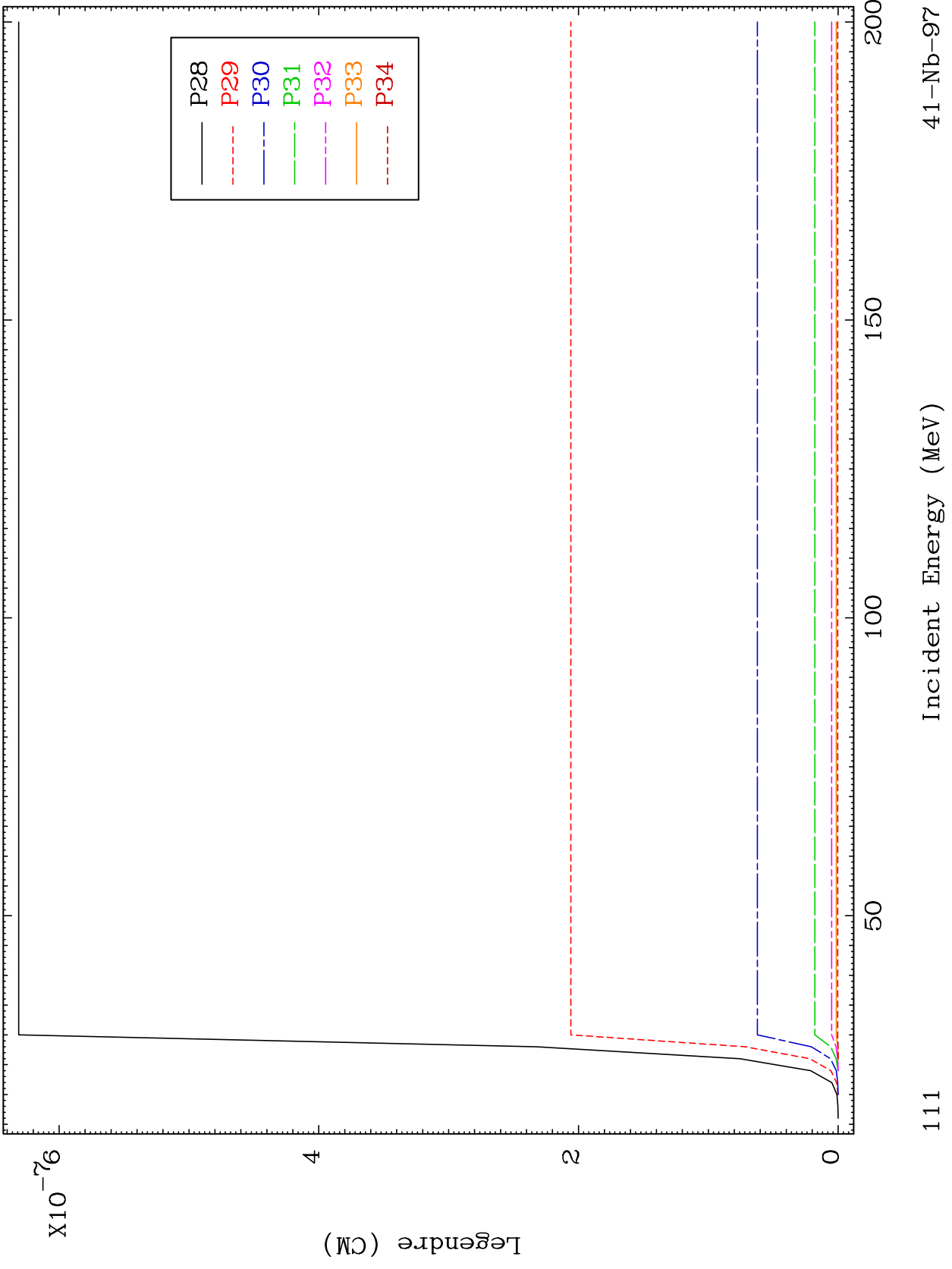
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



111

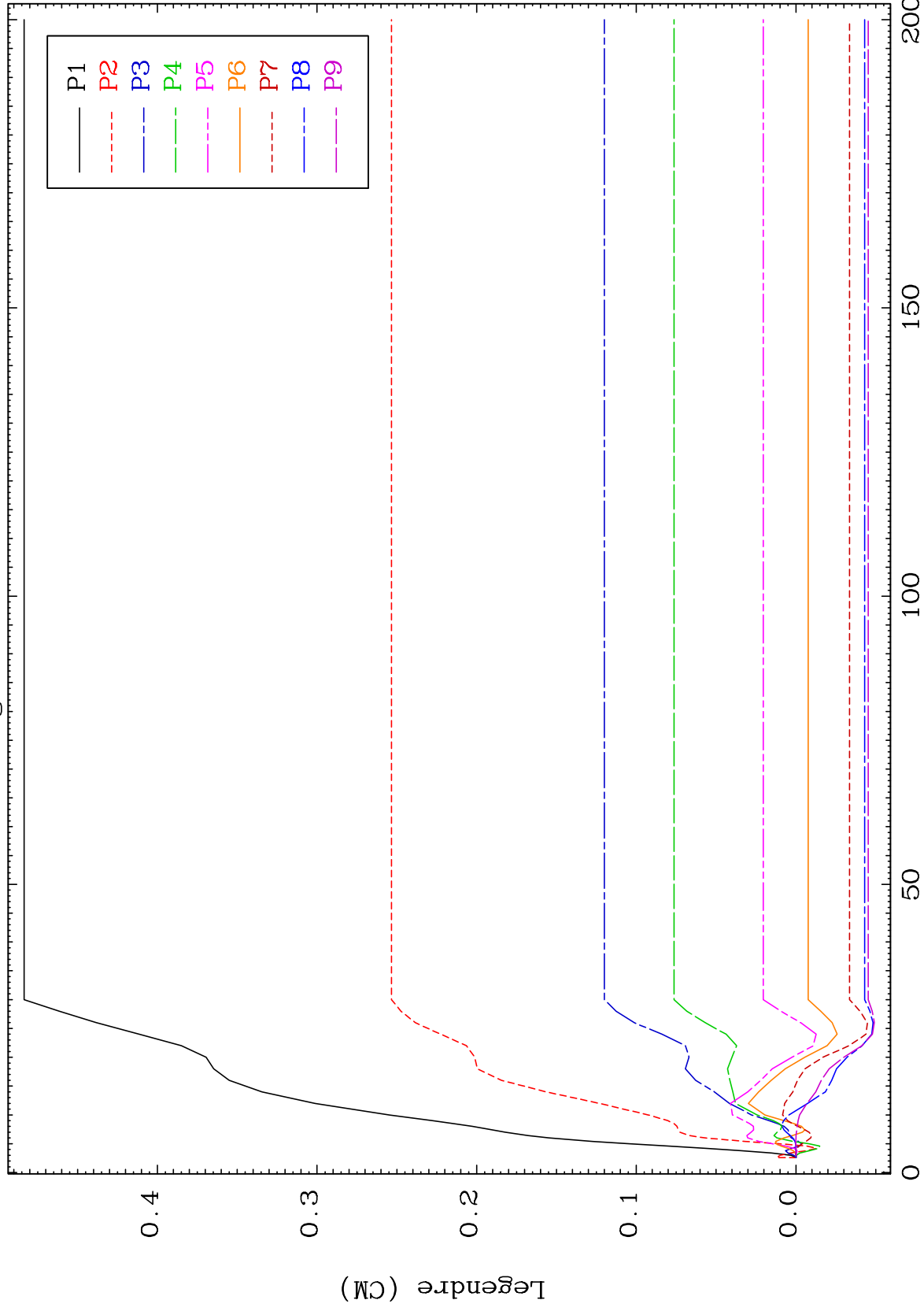
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



112

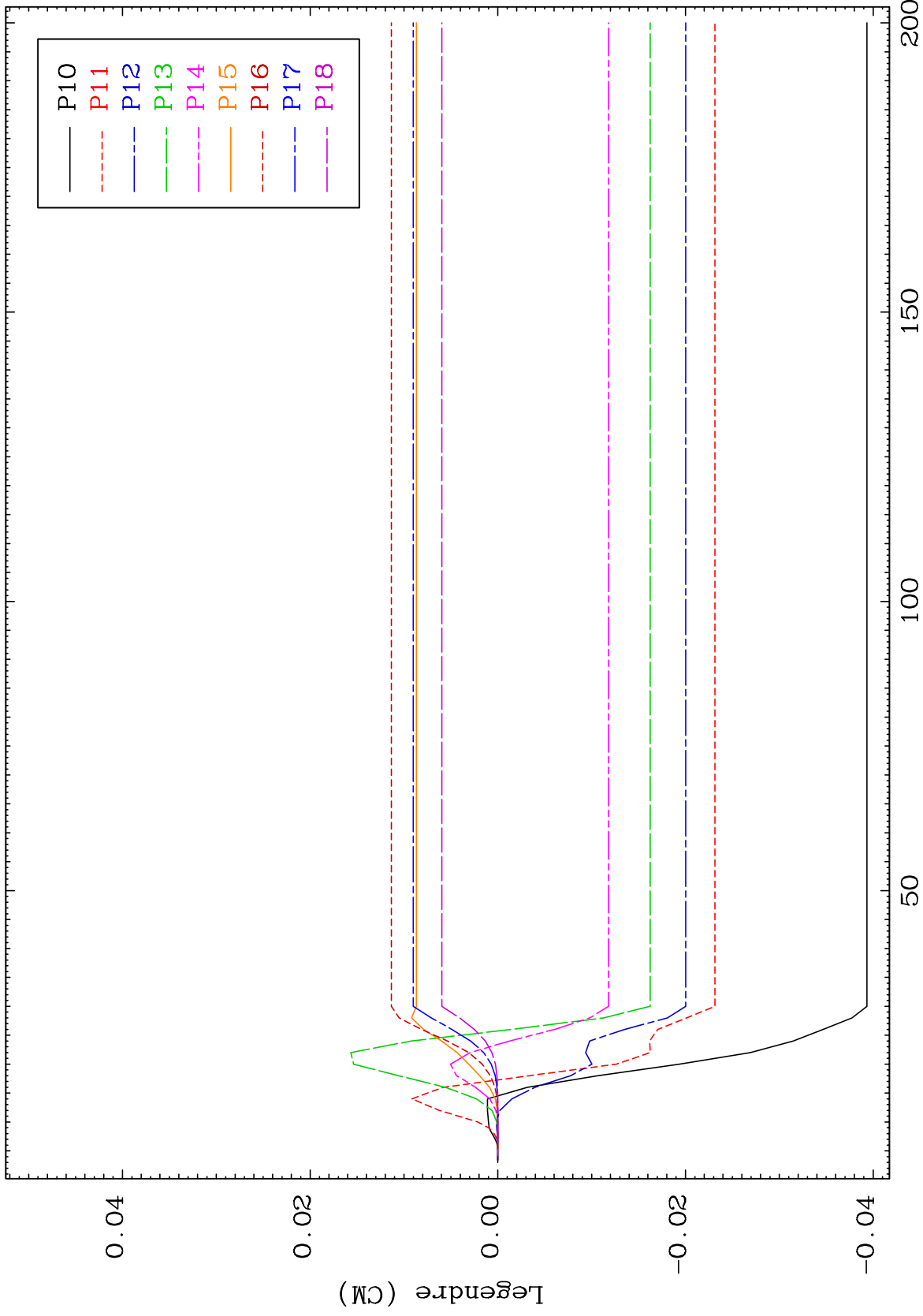
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



113

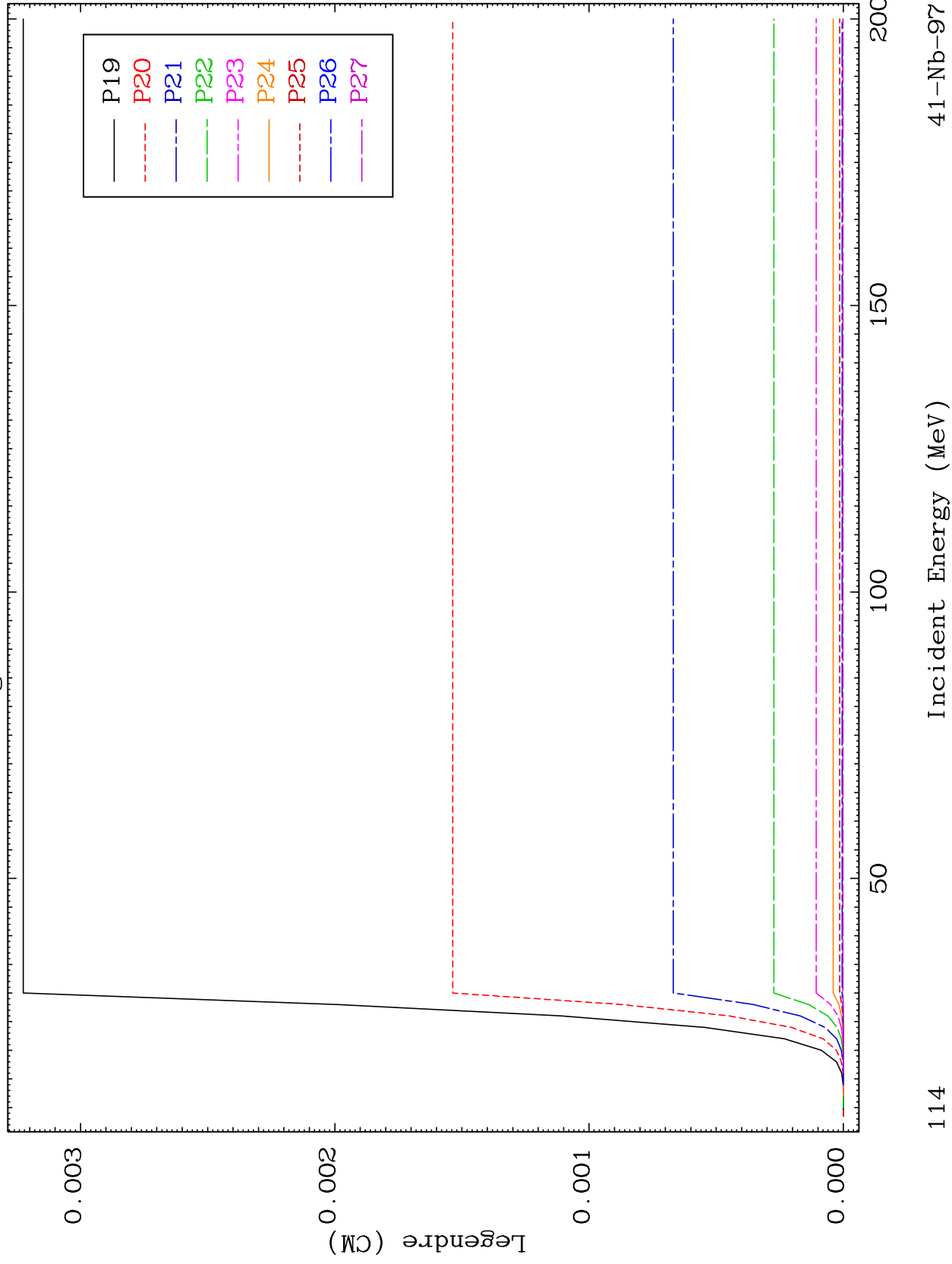
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



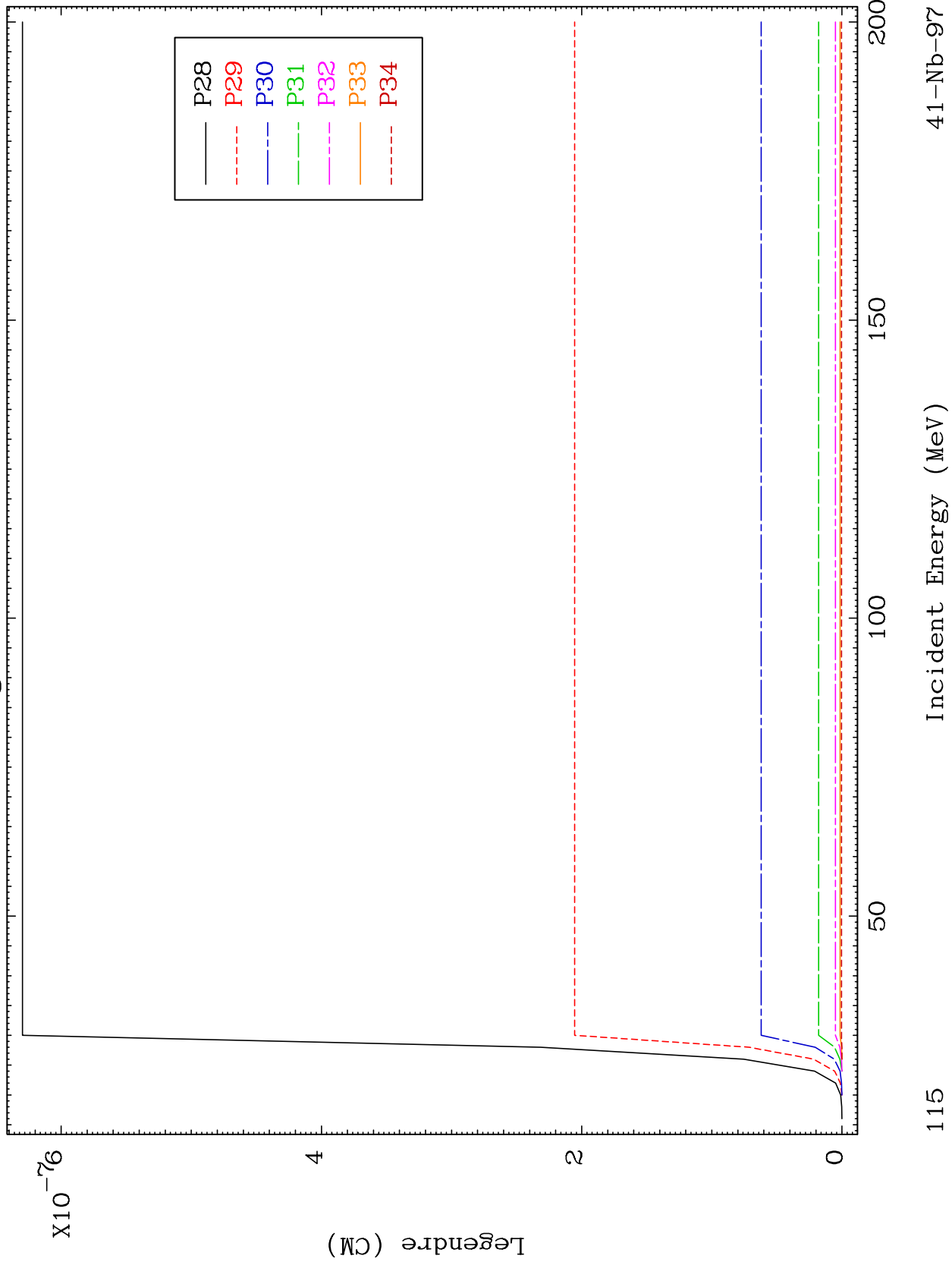
114

Incident Energy (MeV)

MAT 4137

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

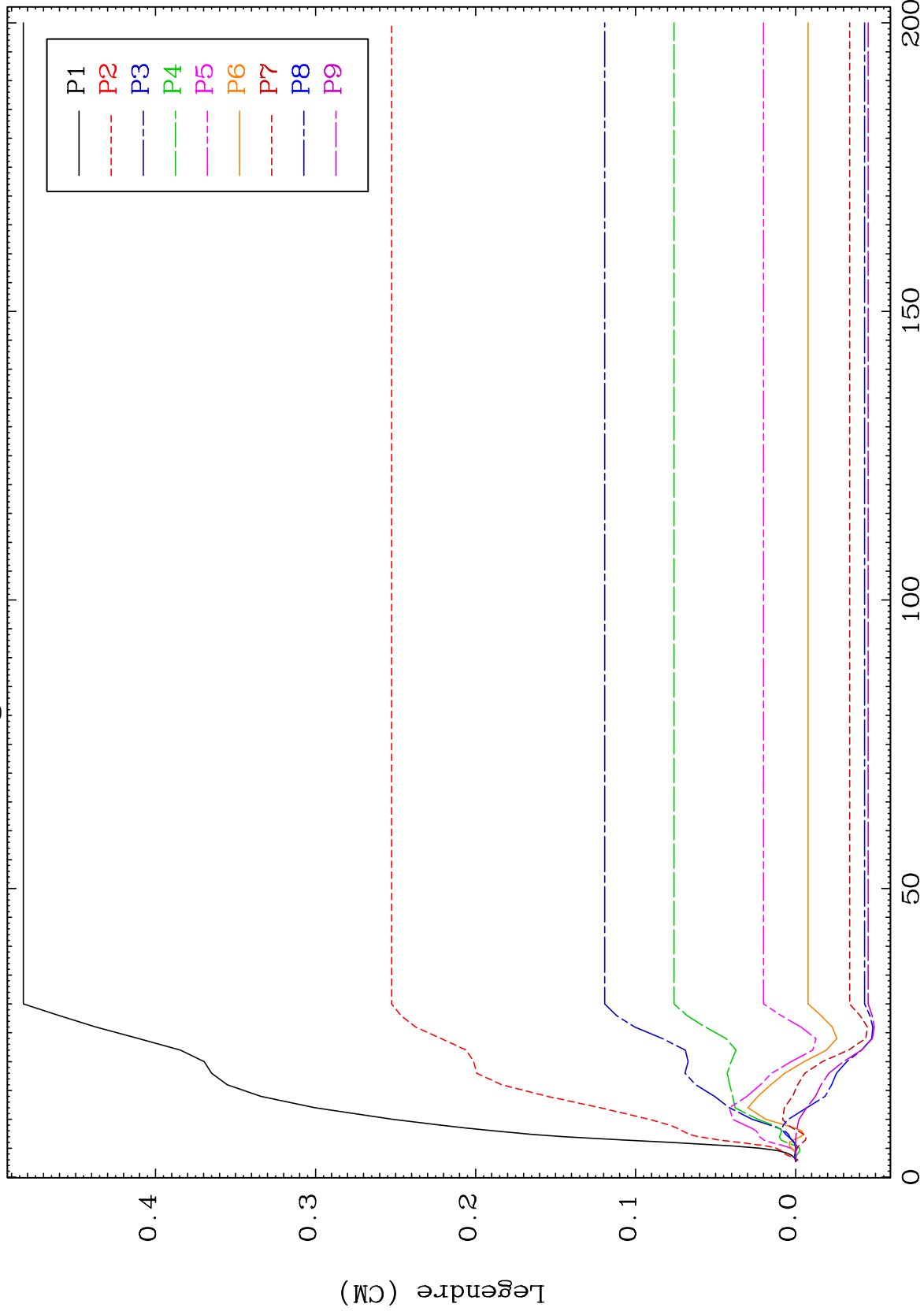
41-Nb-97



MAT 4137

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

41-Nb-97



116

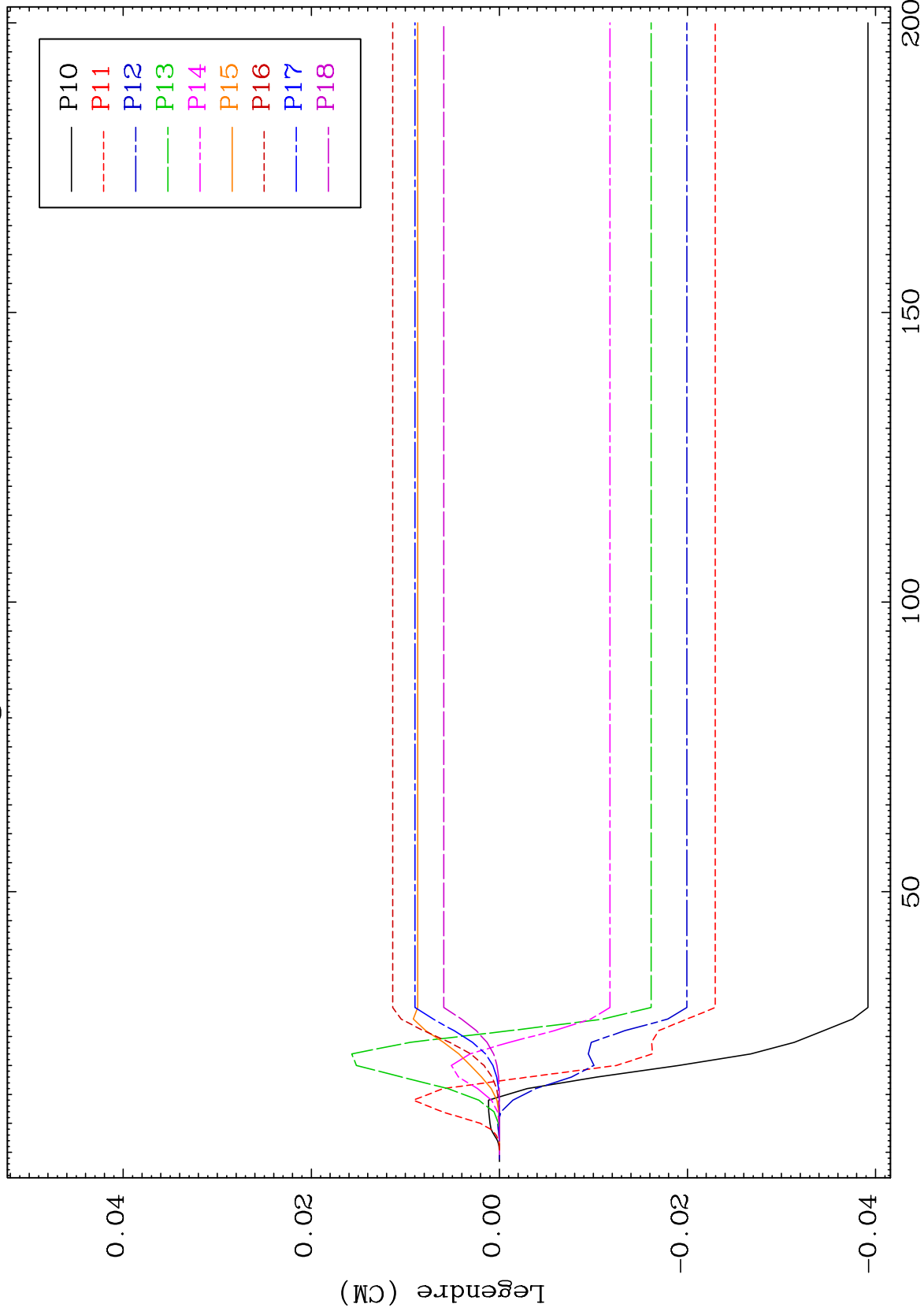
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



117

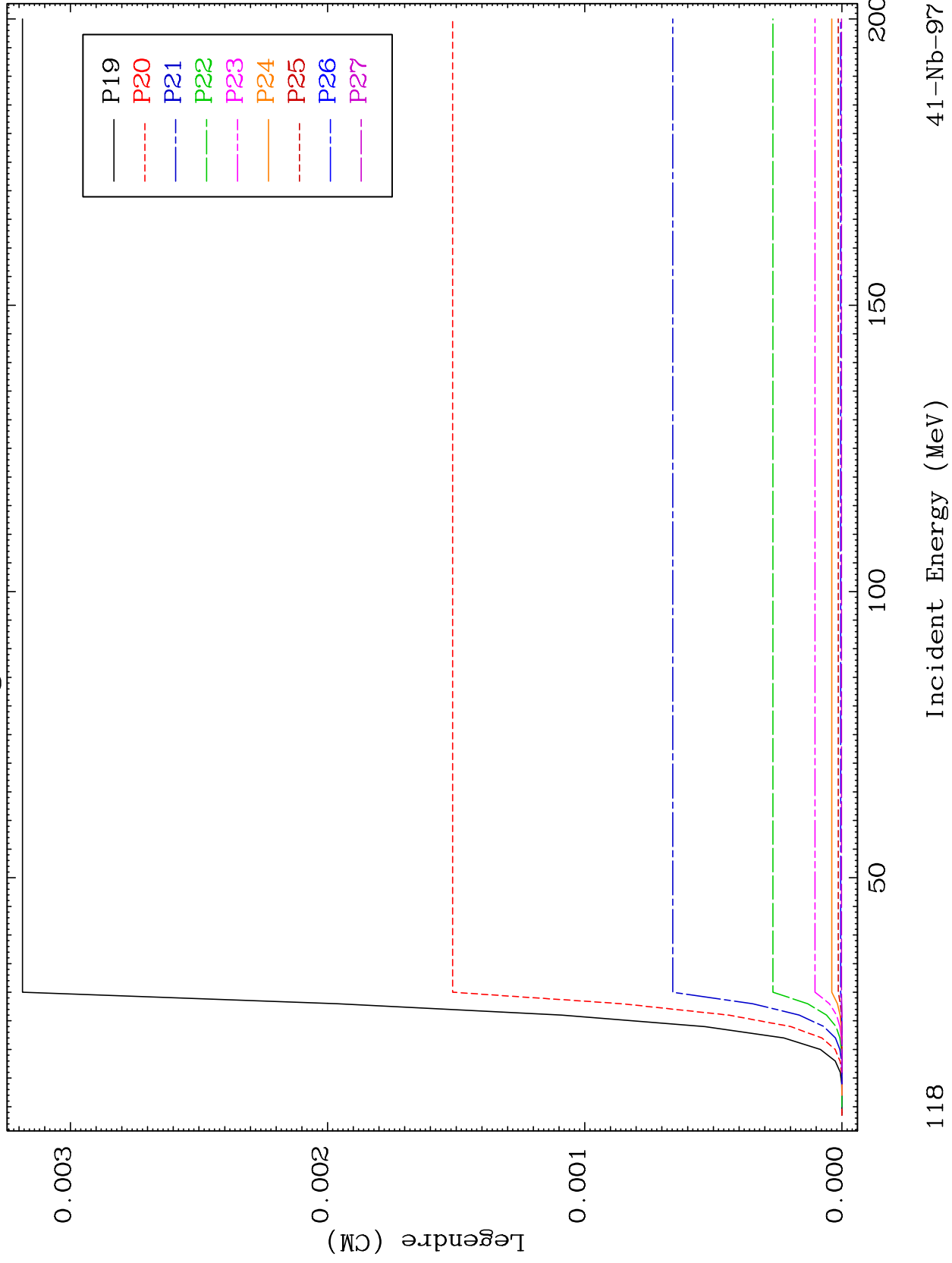
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



118

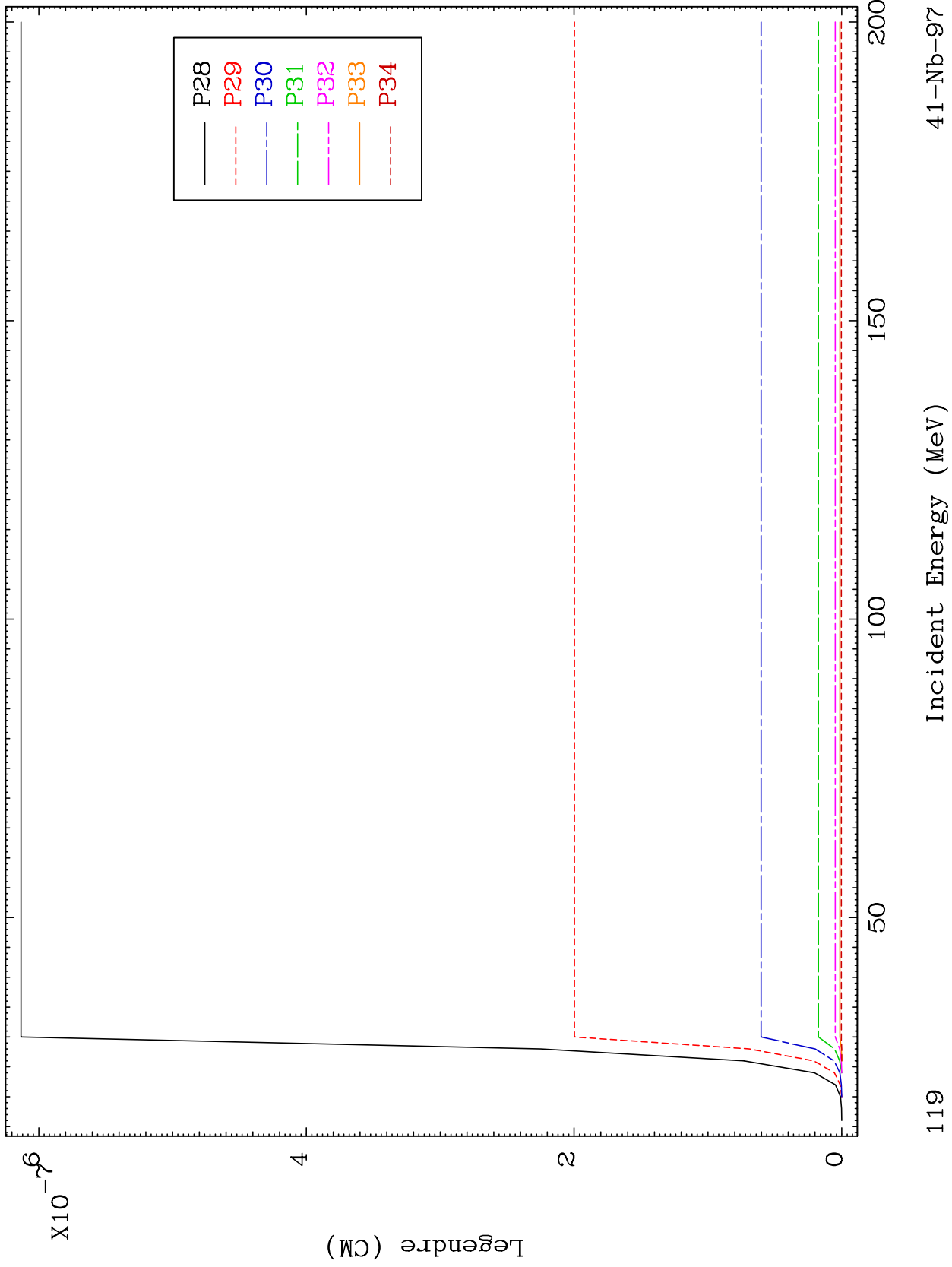
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

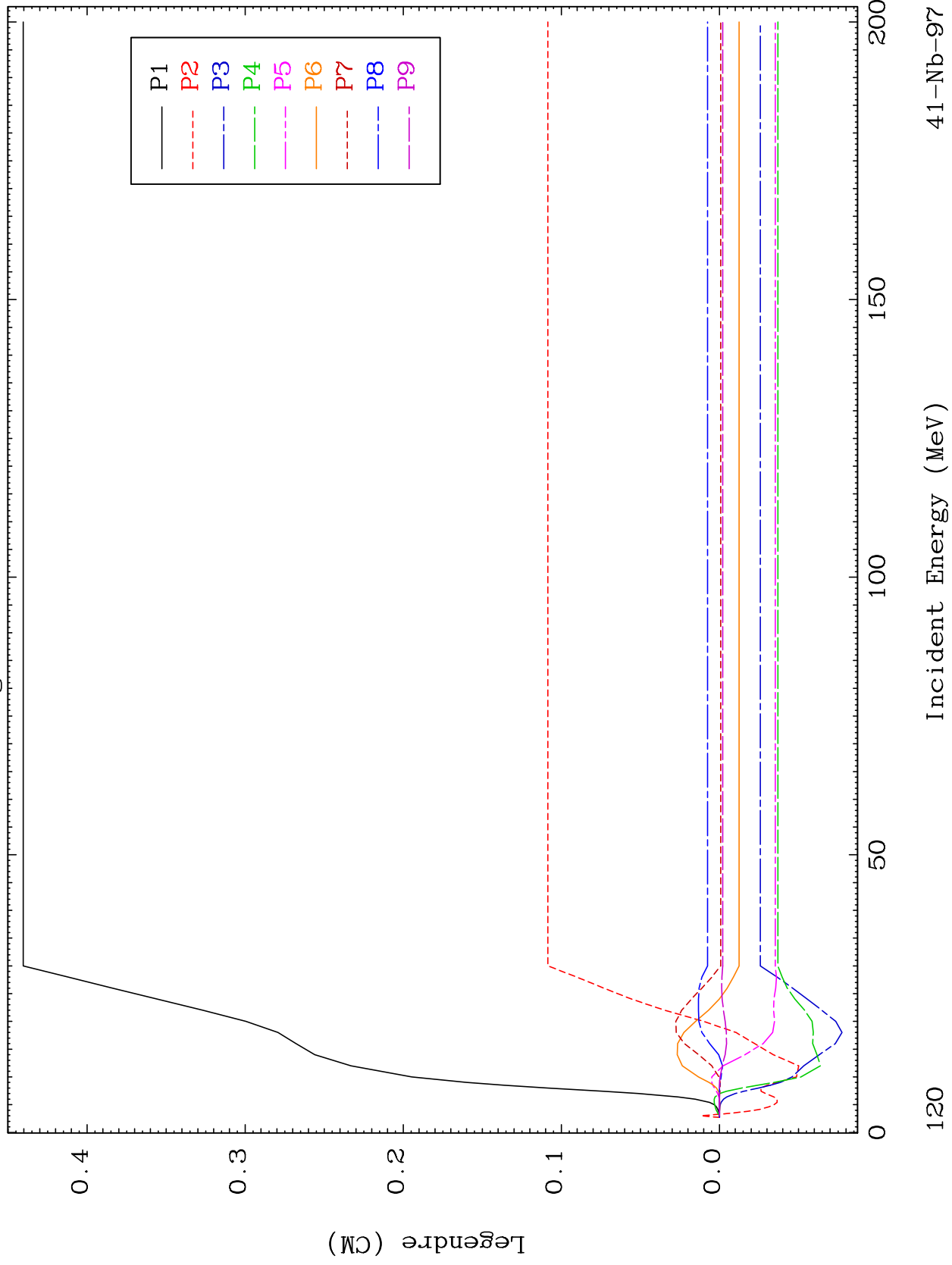
41-Nb-97



MAT 4137

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

41-Nb-97



41-Nb-97

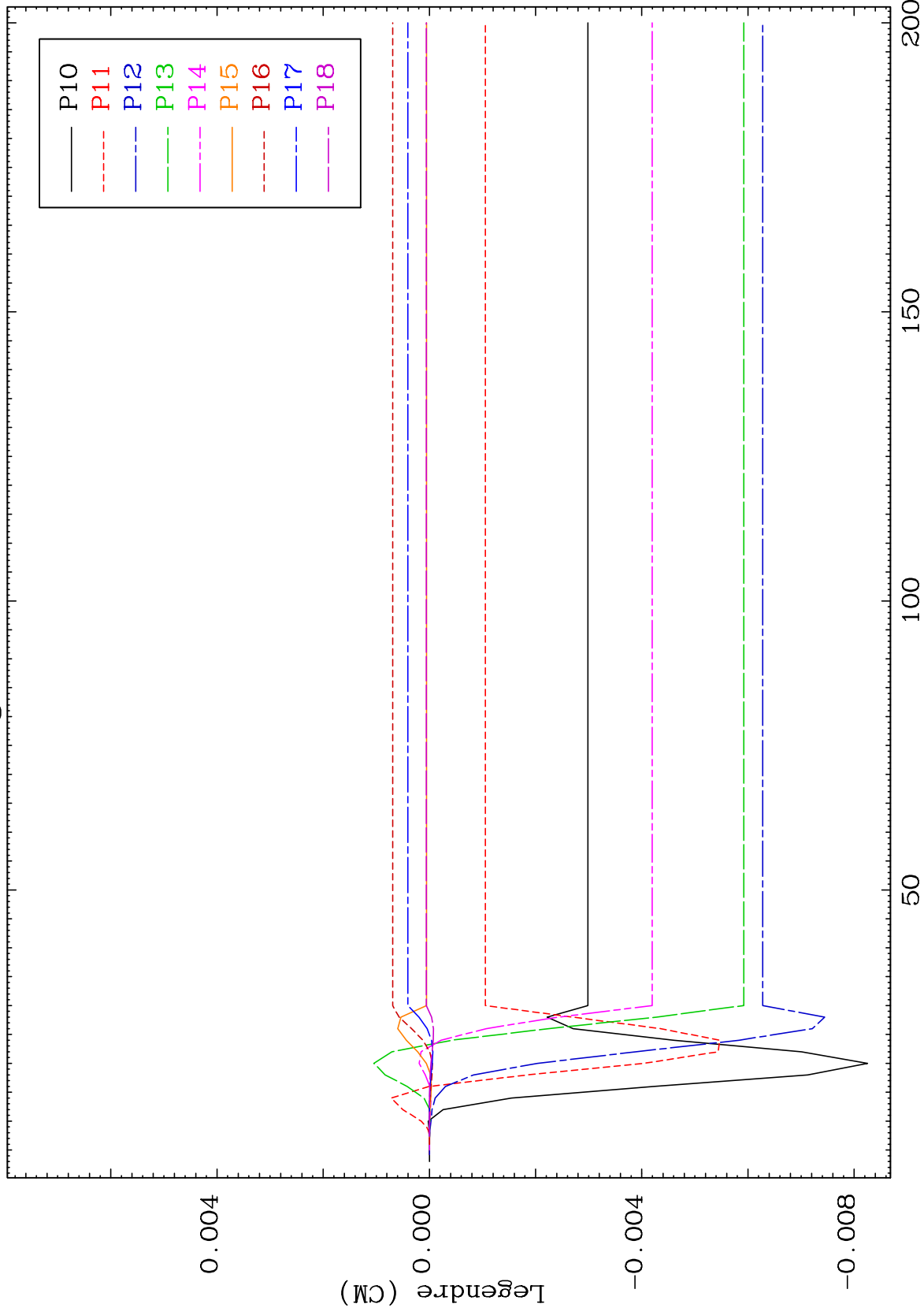
Incident Energy (MeV)

120

MAT 4137

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

41-Nb-97



121

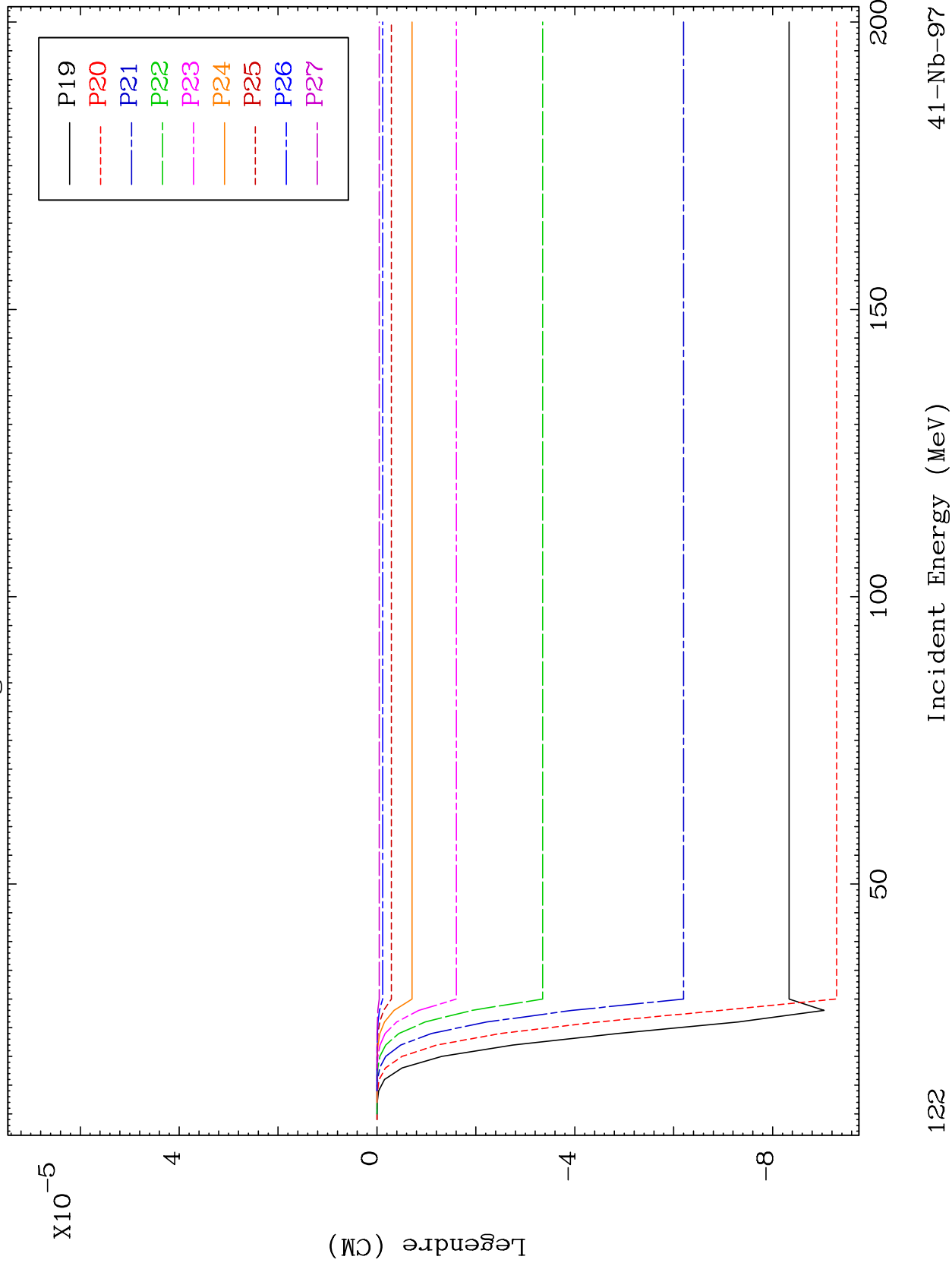
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



122

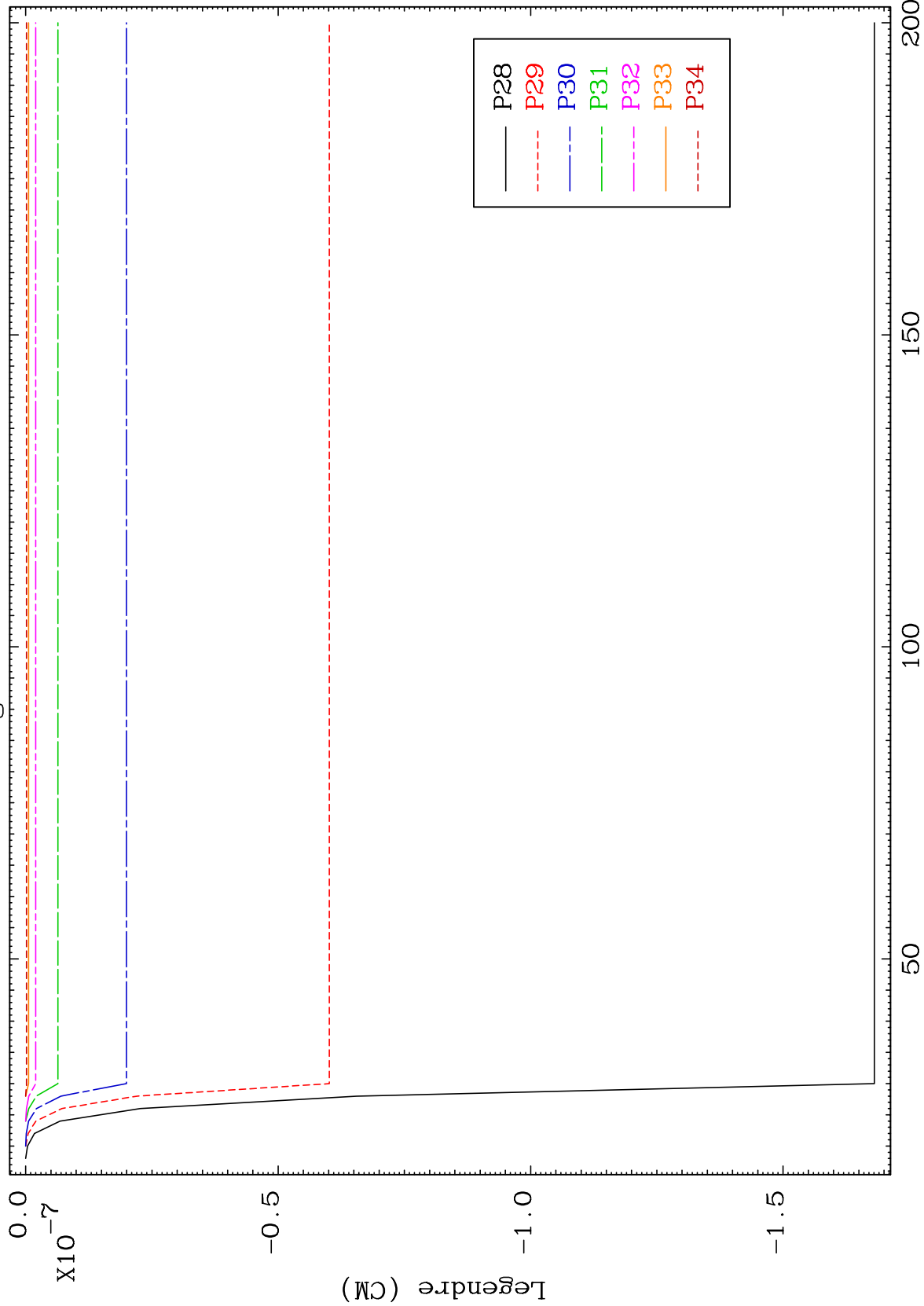
41-Nb-97

MAT 4137

MT= 76 (n,n') Level

41-Nb-97

Legendre Coefficients



123

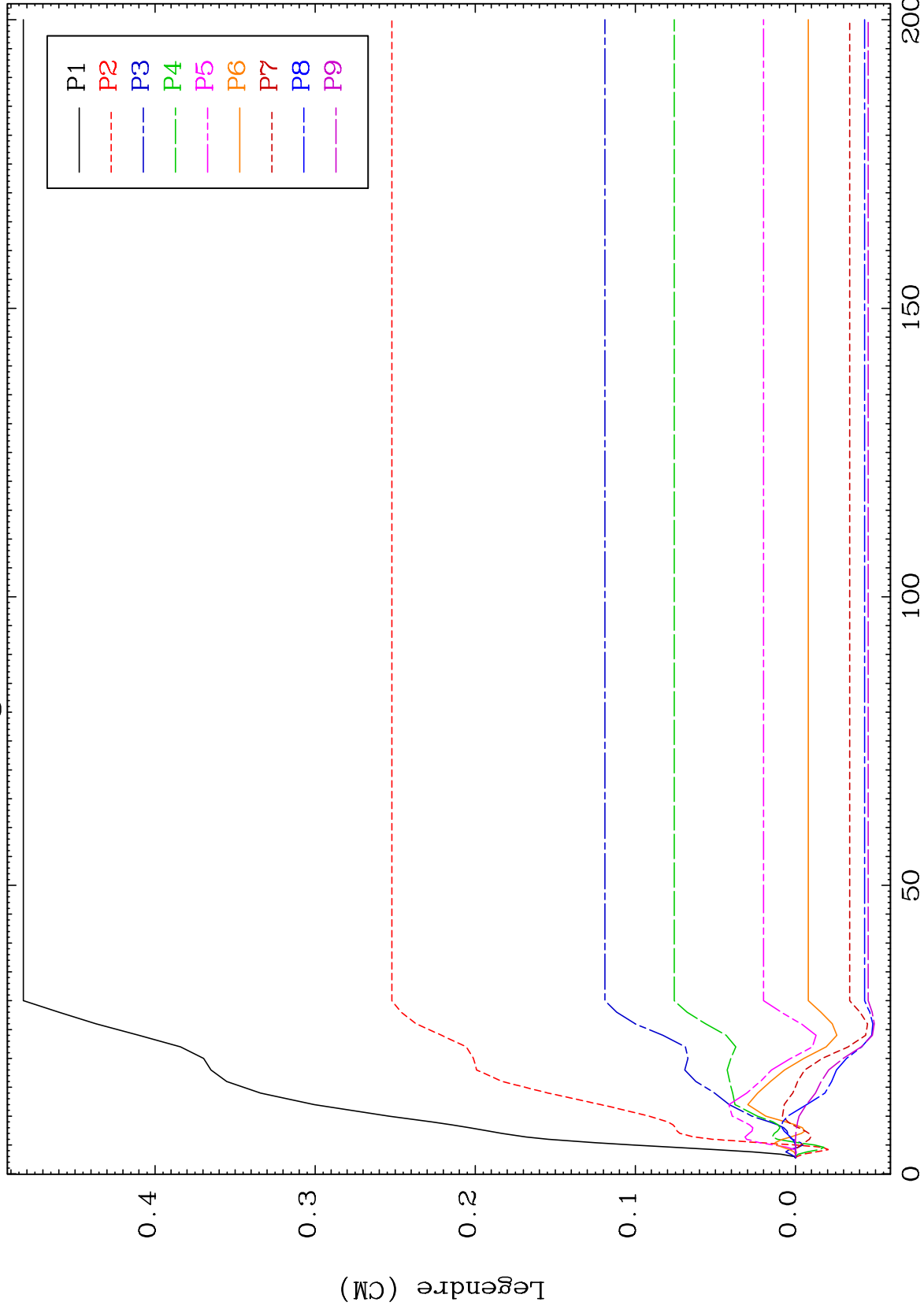
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



124

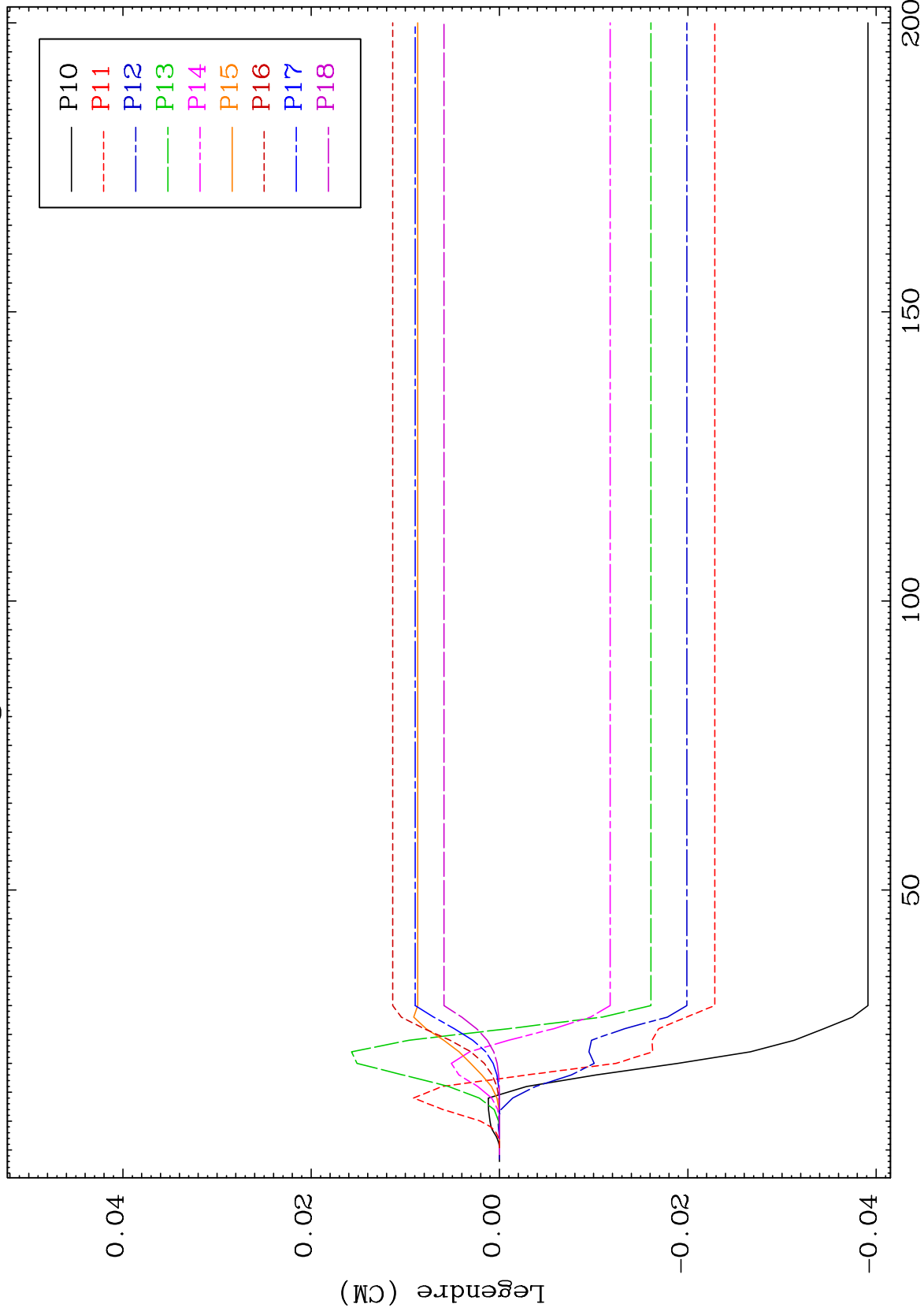
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



125

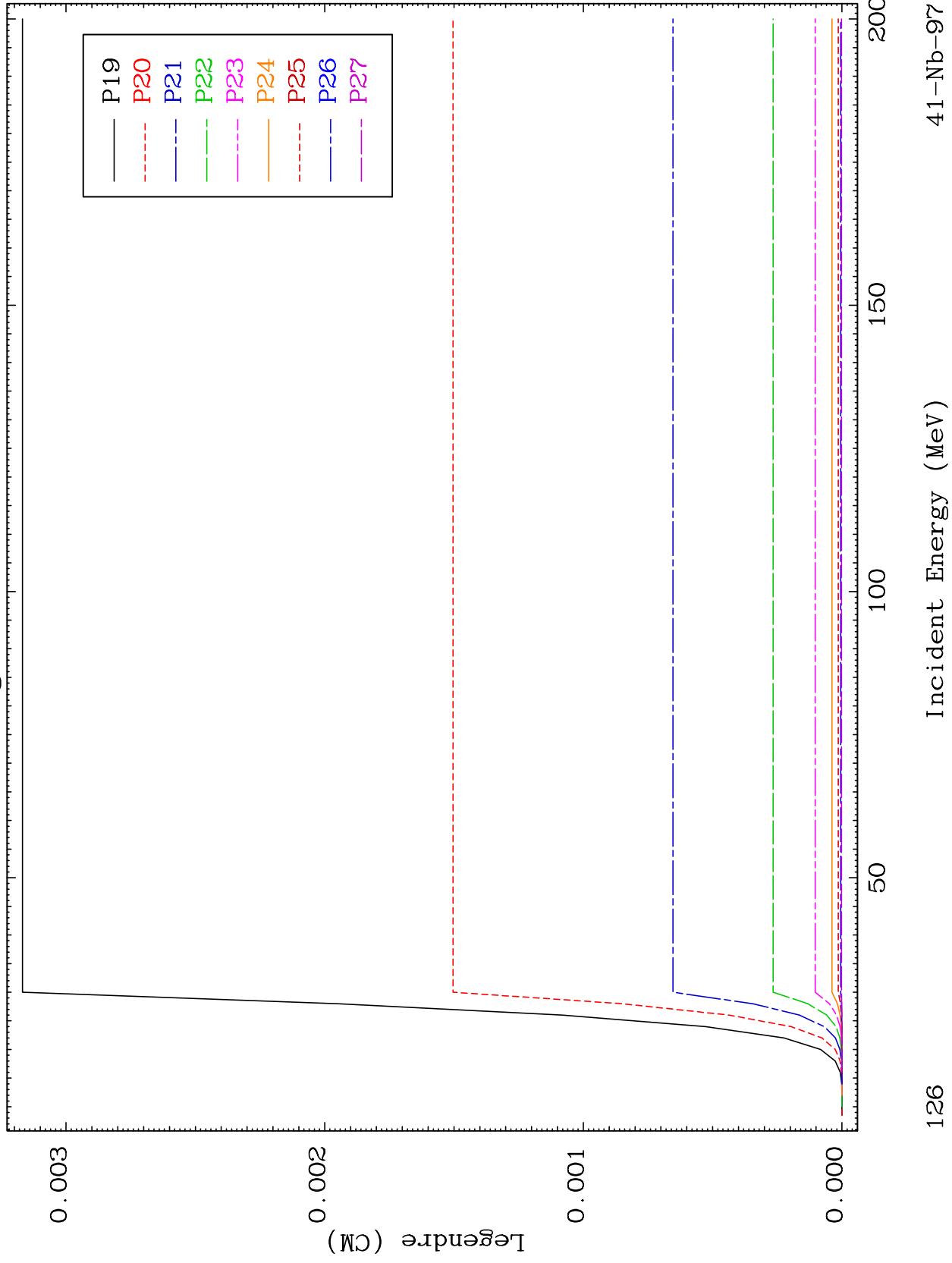
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



126

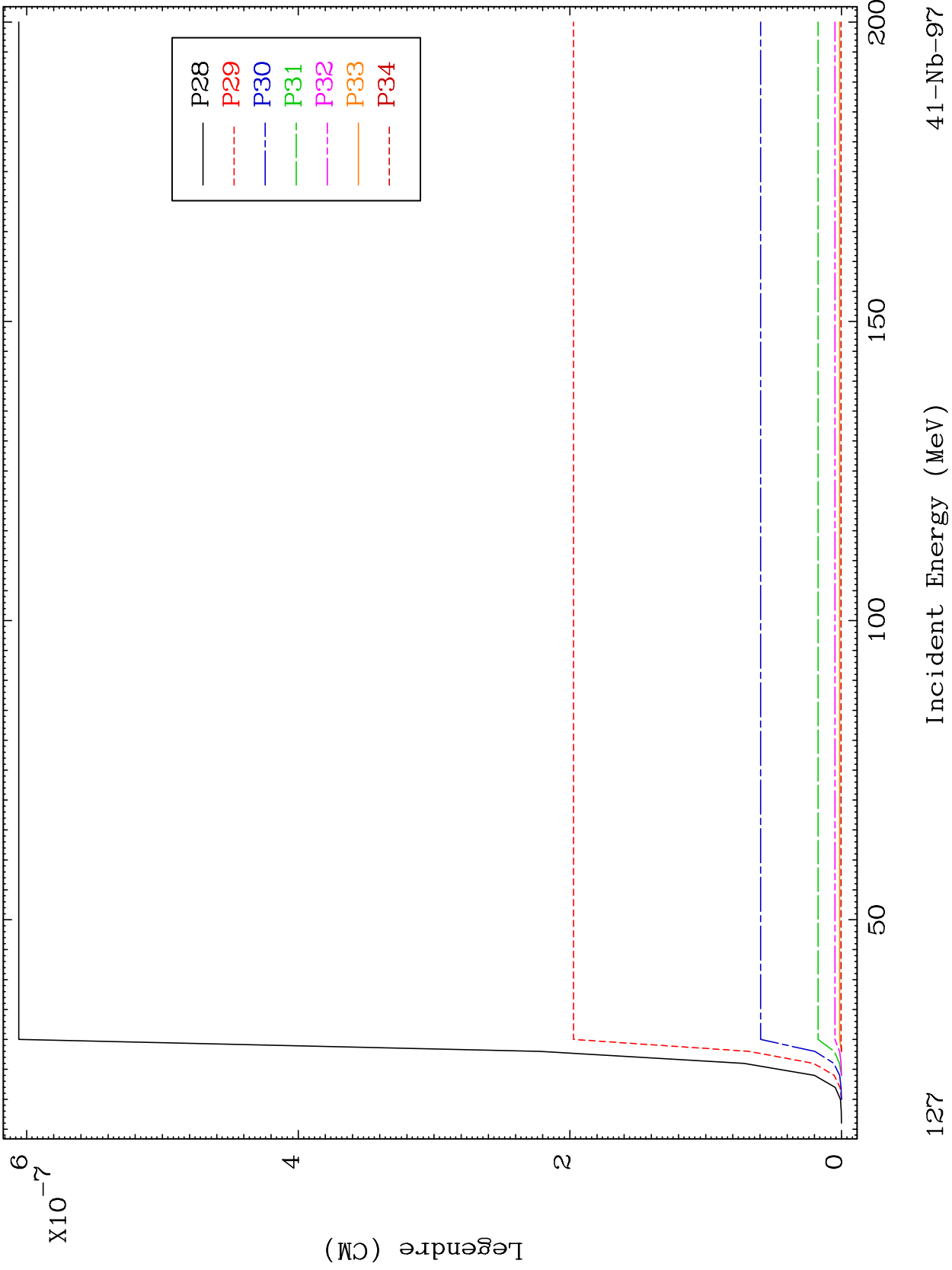
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

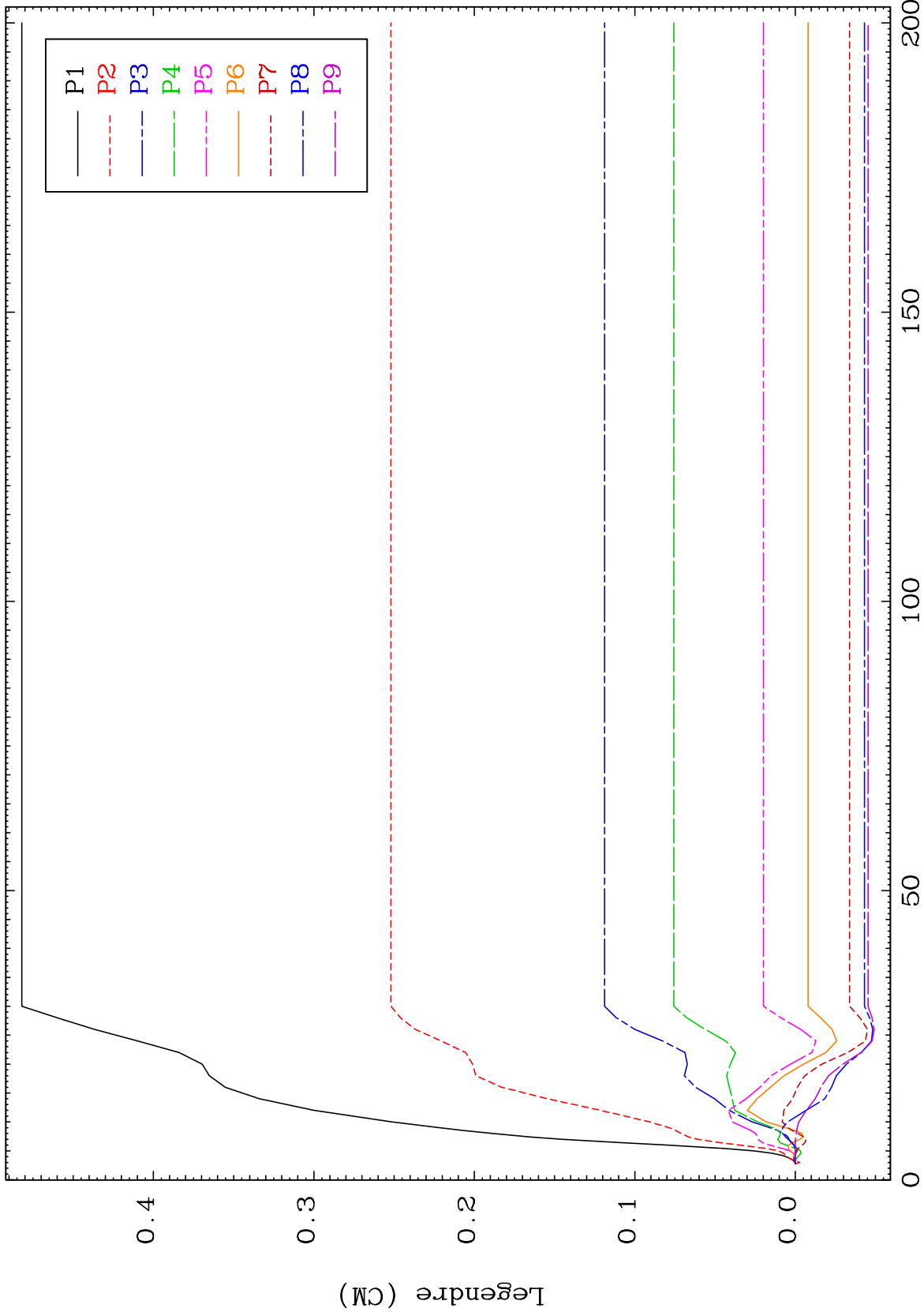
41-Nb-97



MAT 4137

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

41-Nb-97



128

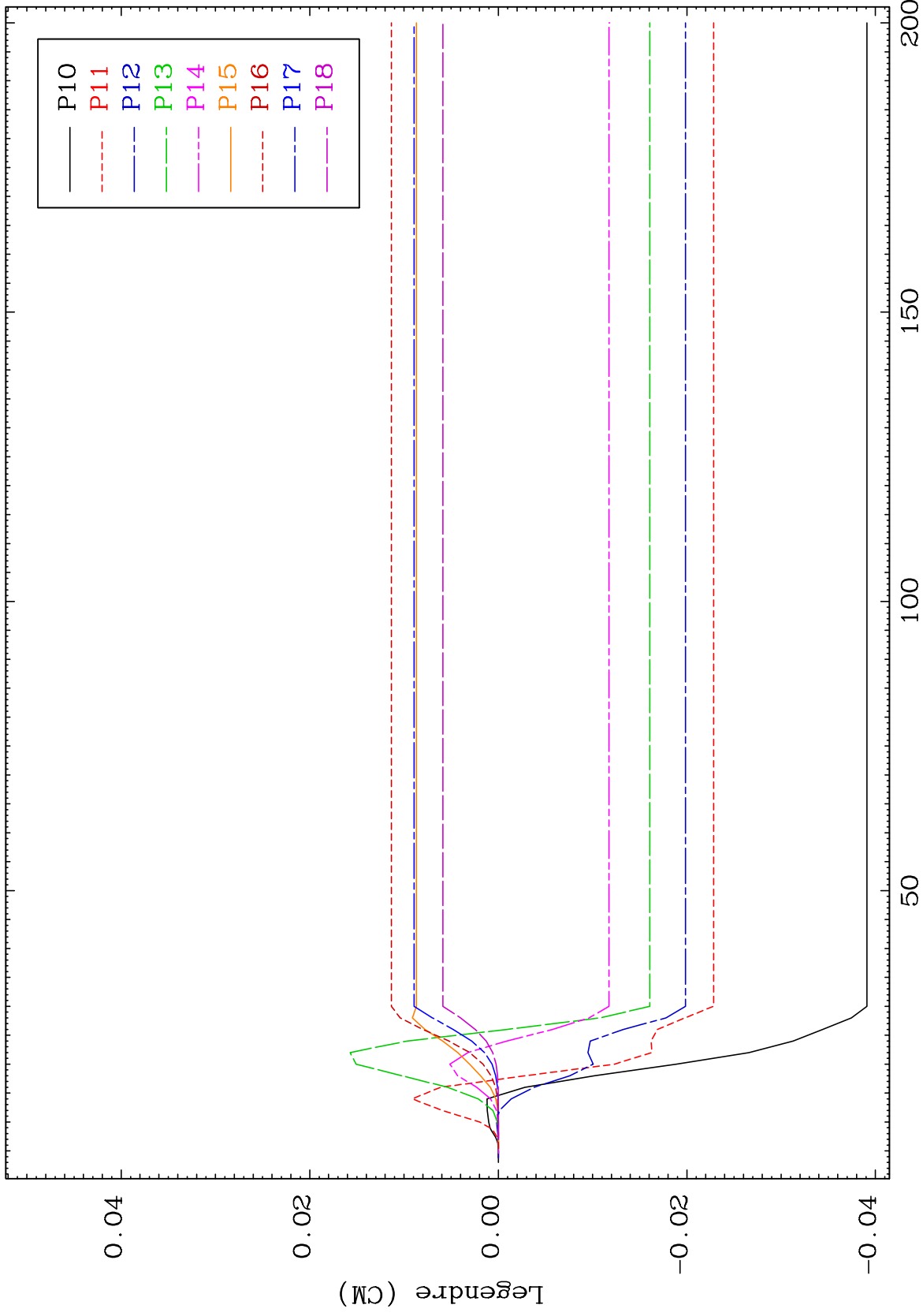
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



129

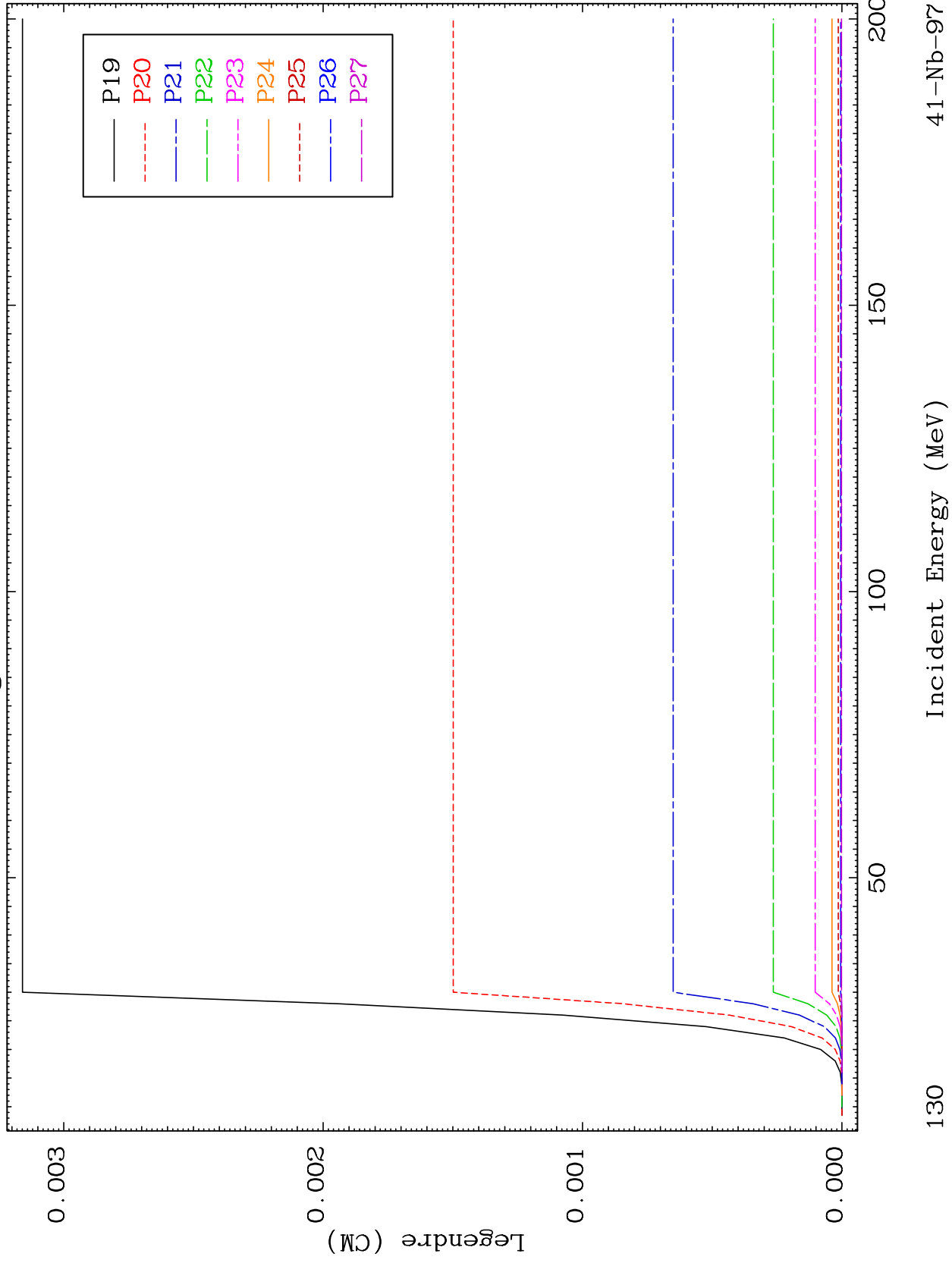
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



130

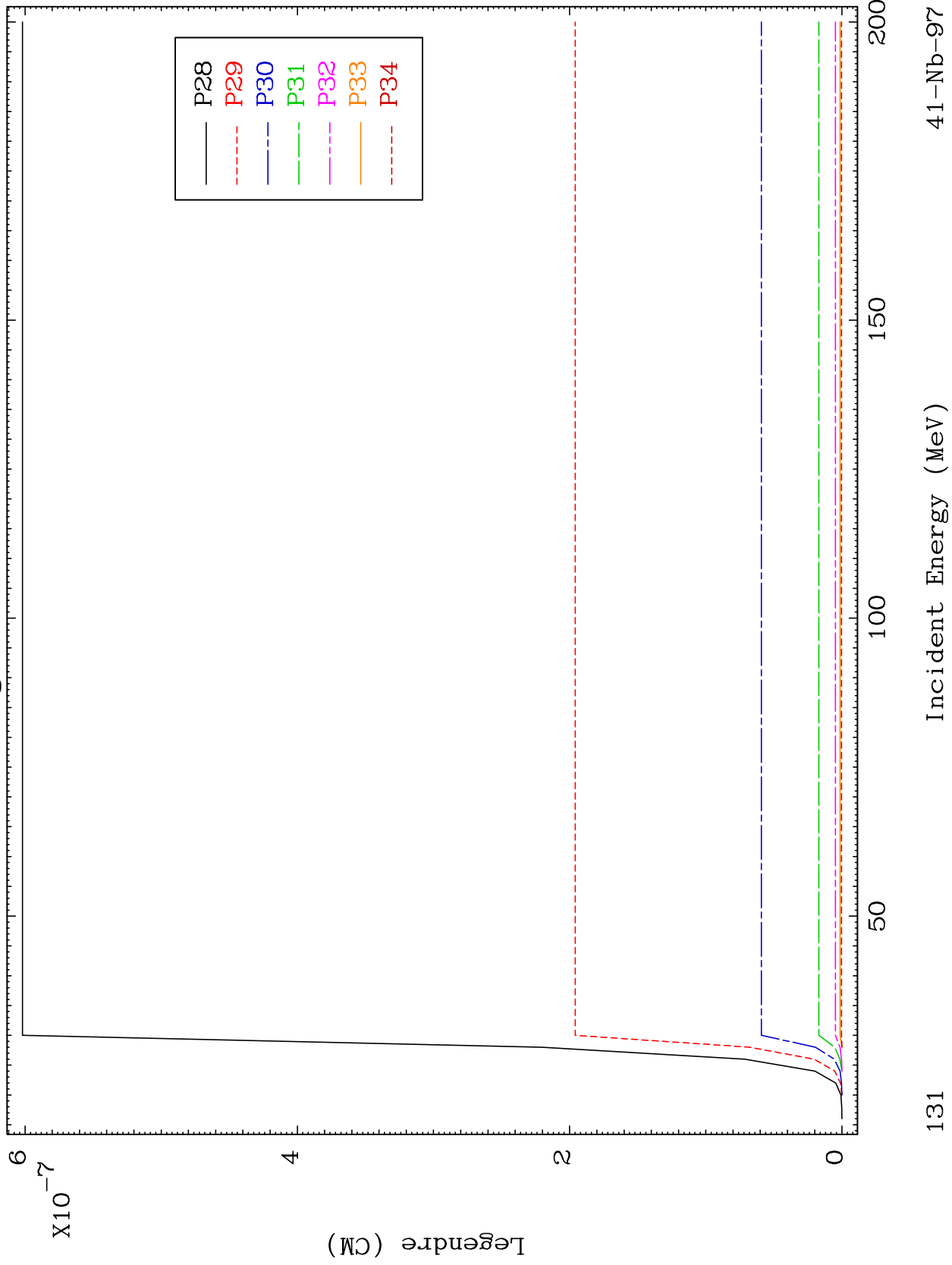
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97

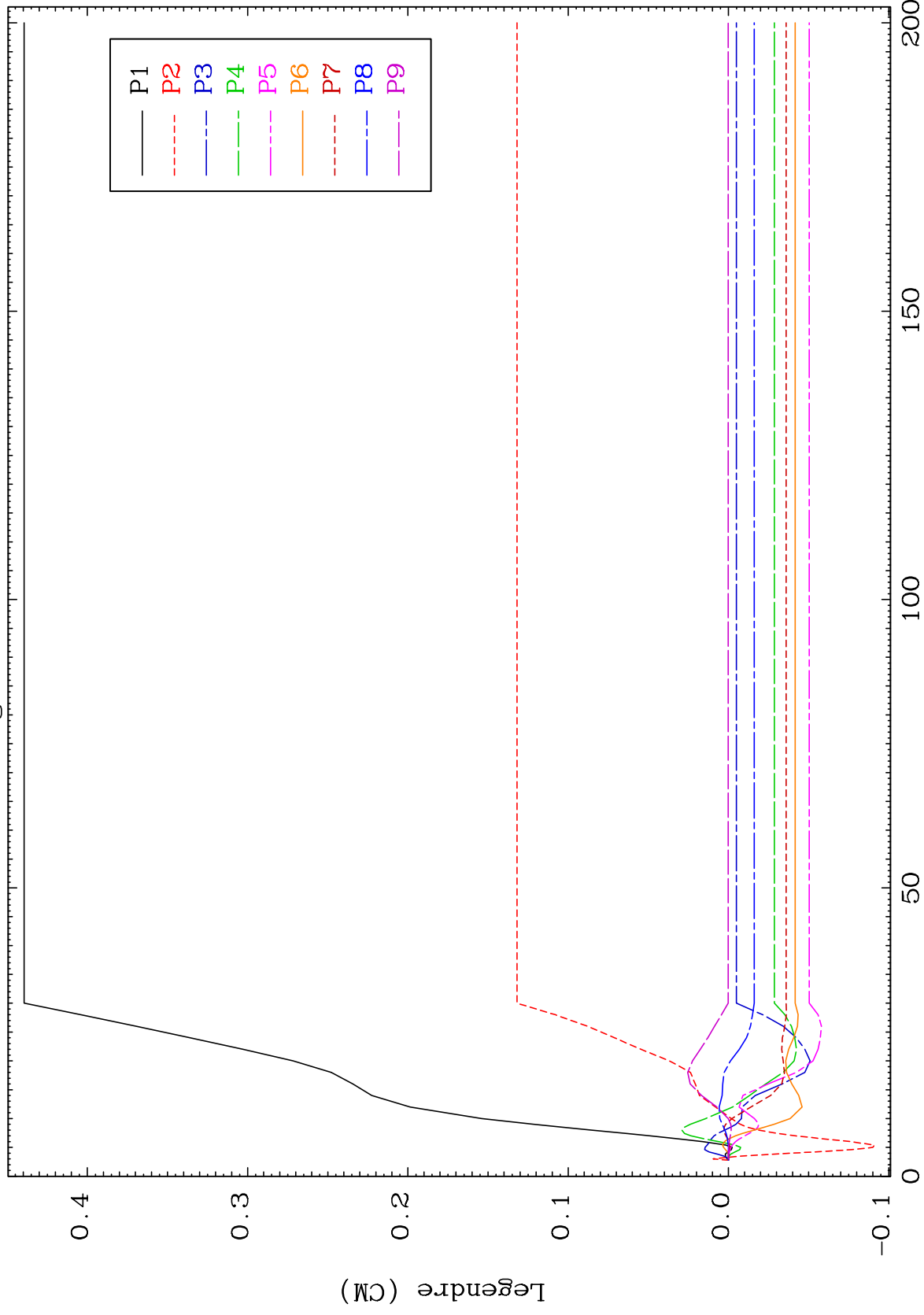


131

MAT 4137

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

41-Nb-97



132

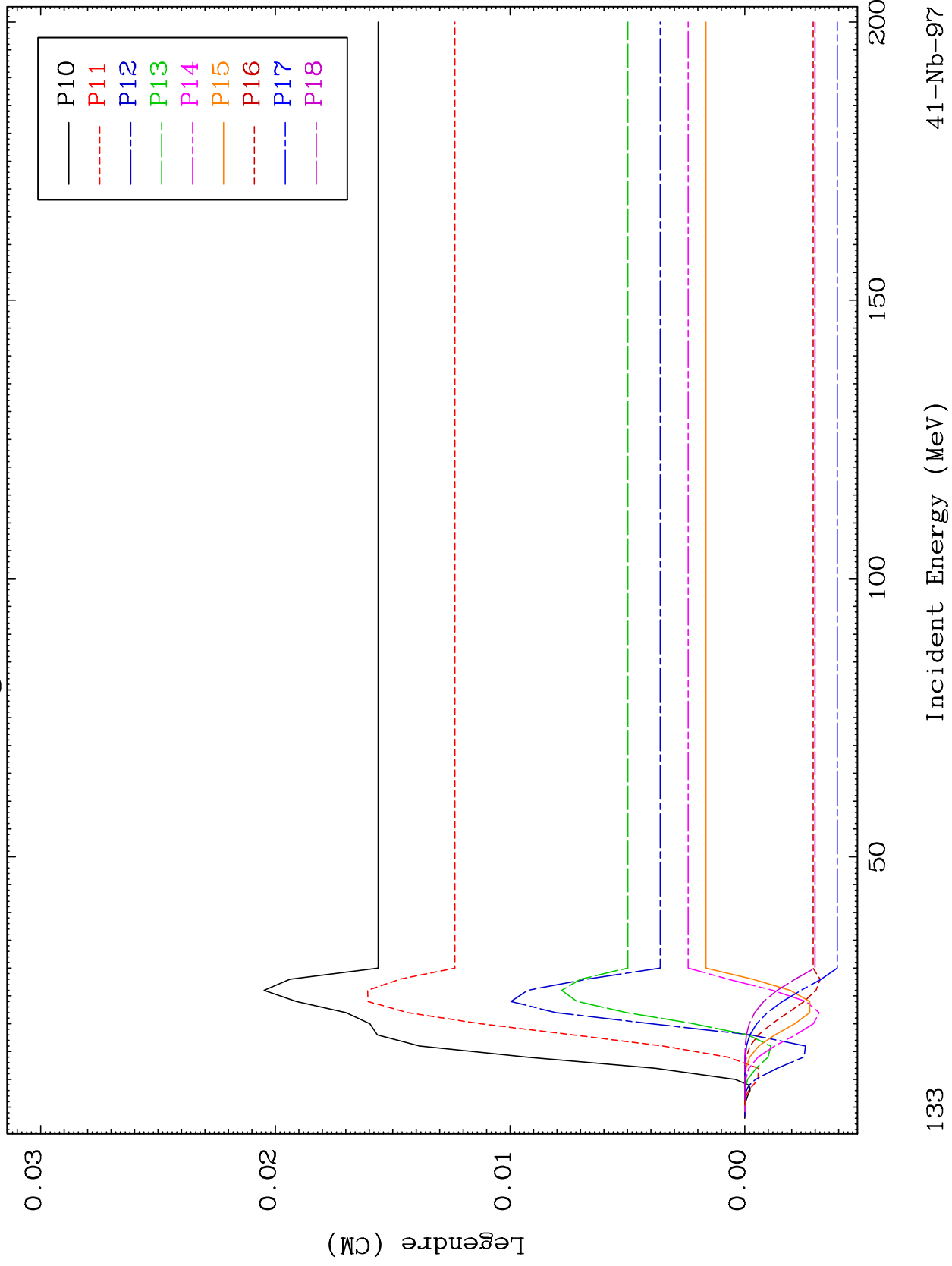
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

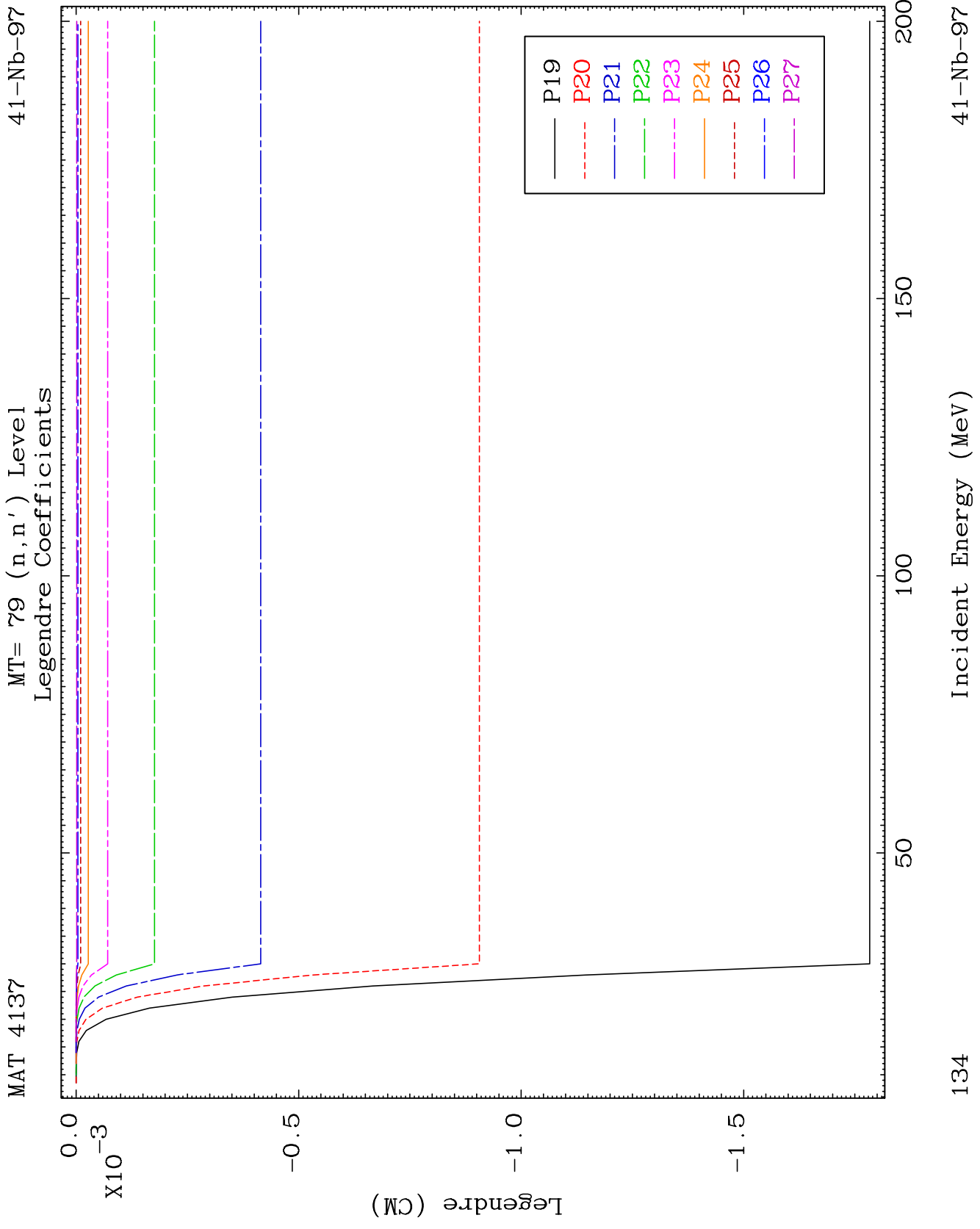
41-Nb-97

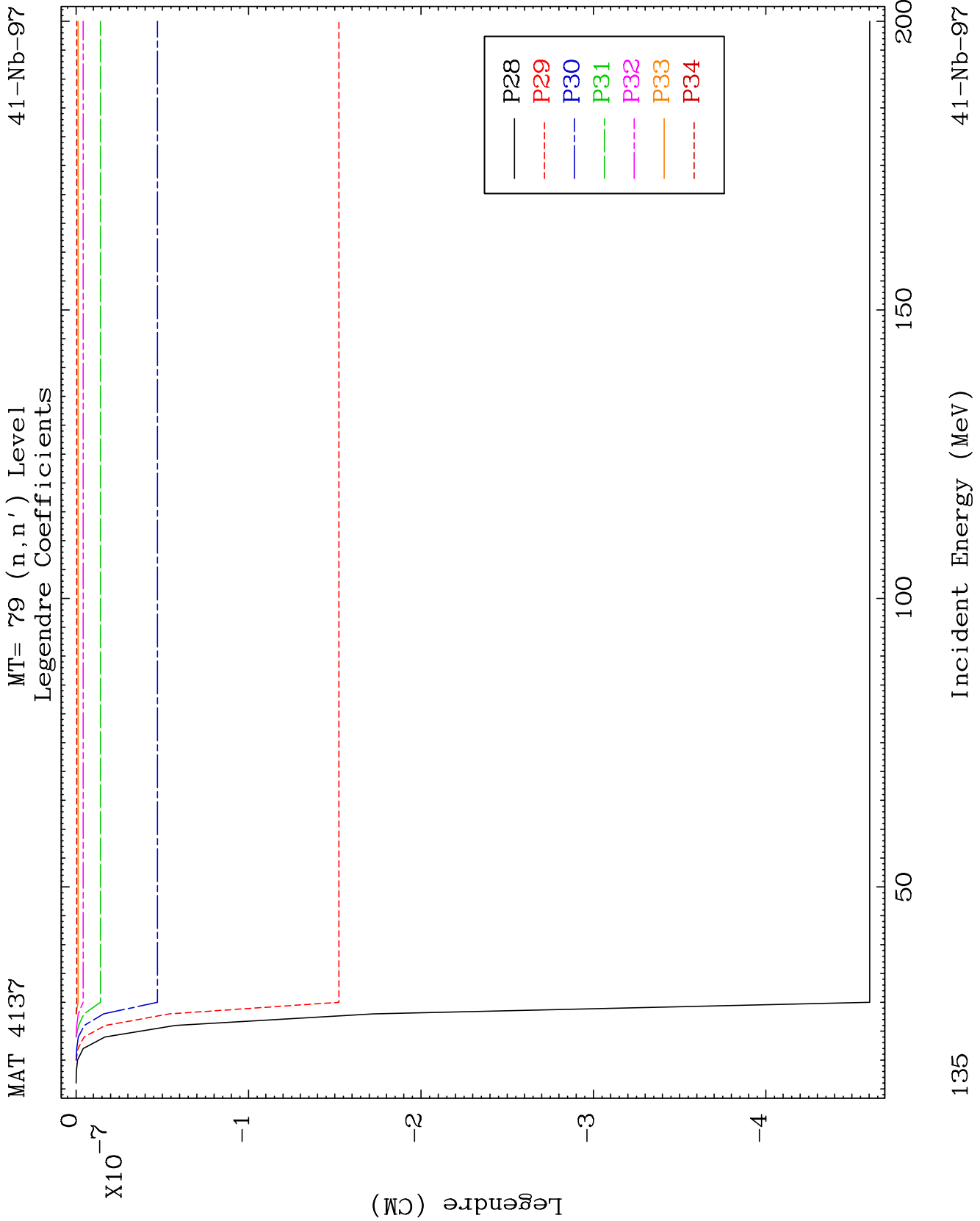


133

Incident Energy (MeV)

41-Nb-97

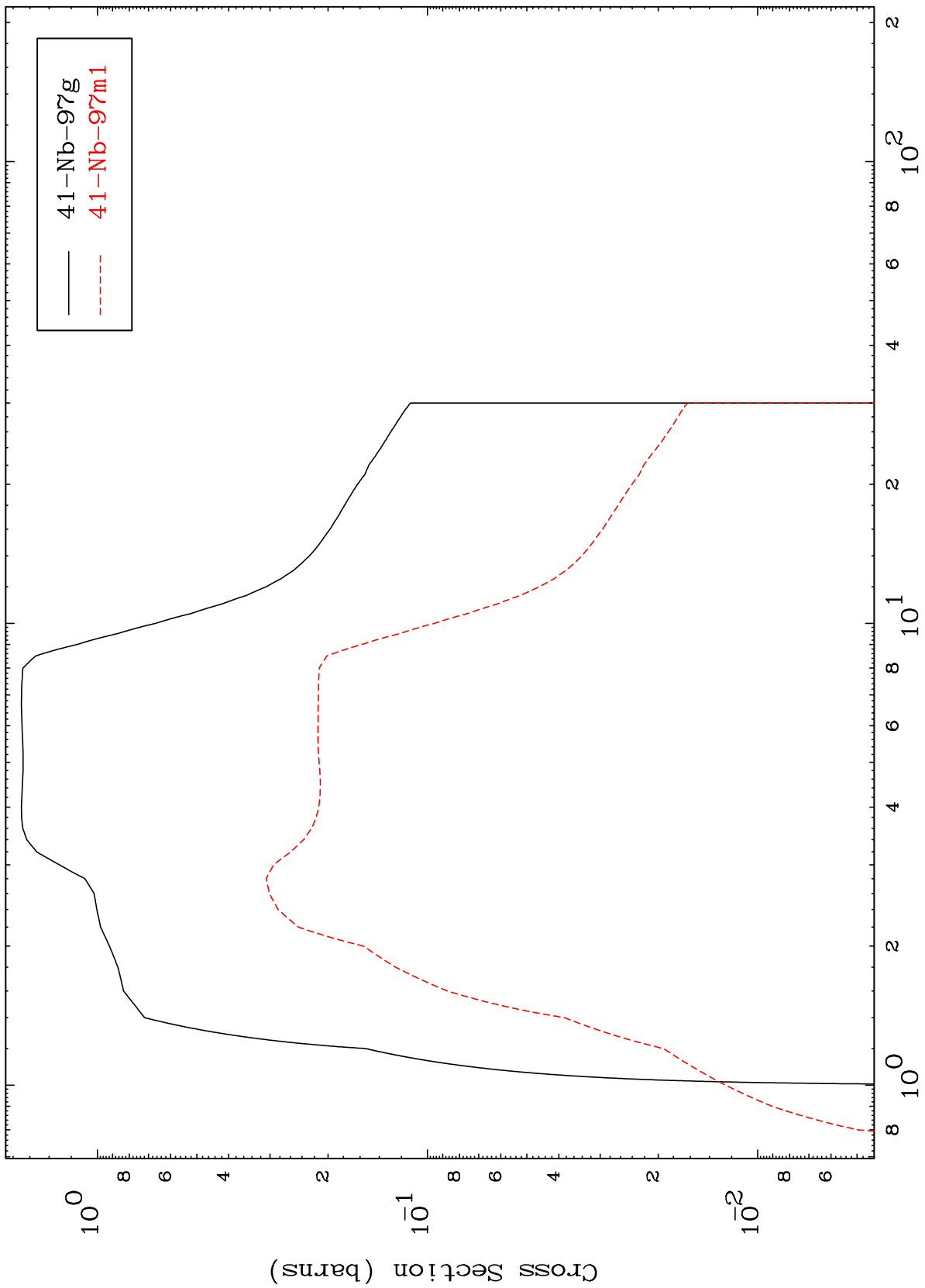




MAT 4137

41-Nb-97

Inelastic
Radionuclide Production Cross Section



136

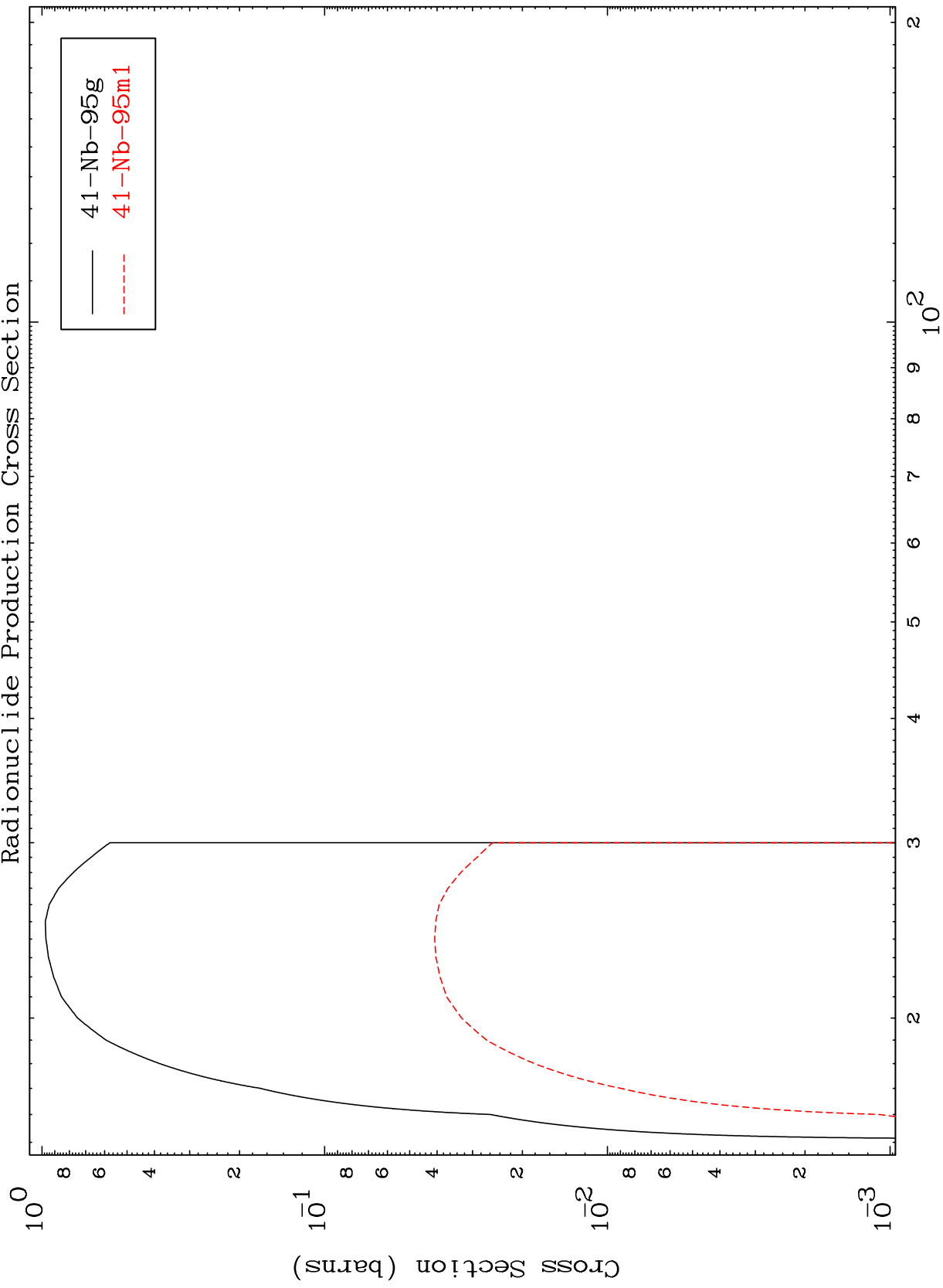
Incident Energy (MeV)

41-Nb-97

MAT 4137

41-Nb-97

(n,3n)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

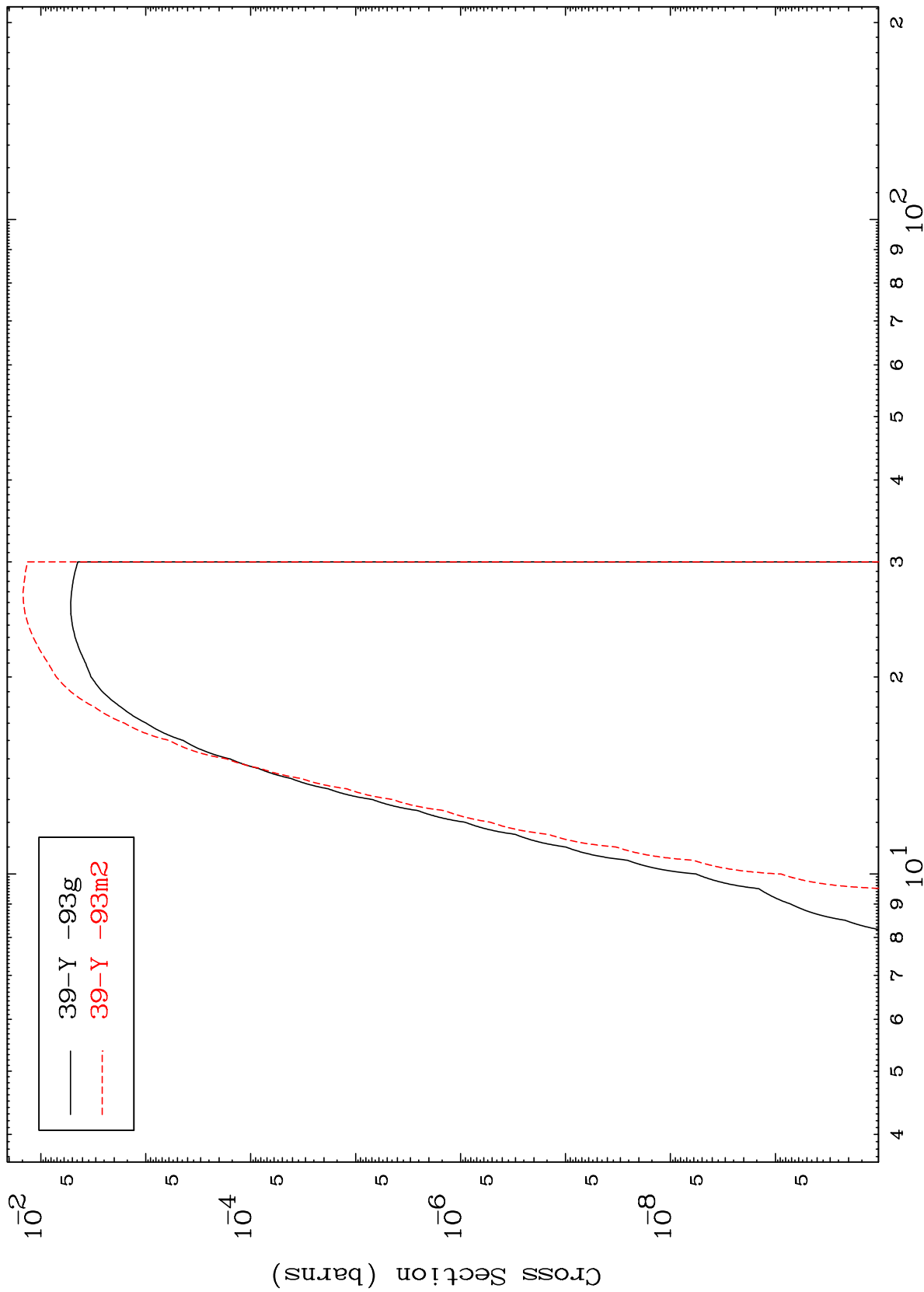
41-Nb-97

MAT 4137

(n,n') α

41-Nb-97

Radionuclide Production Cross Section

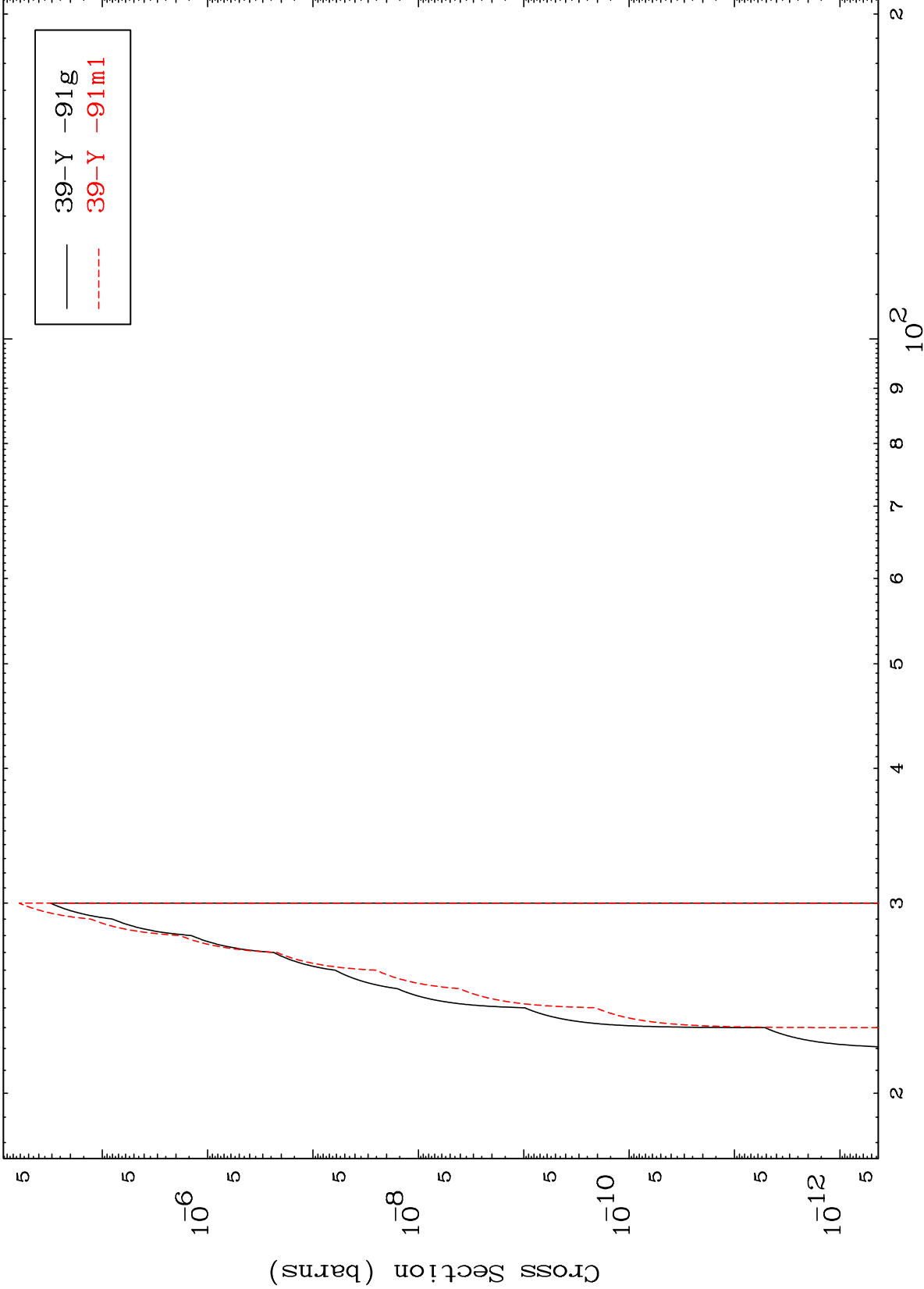


138

Incident Energy (MeV)

41-Nb-97

Radionuclide Production Cross Section



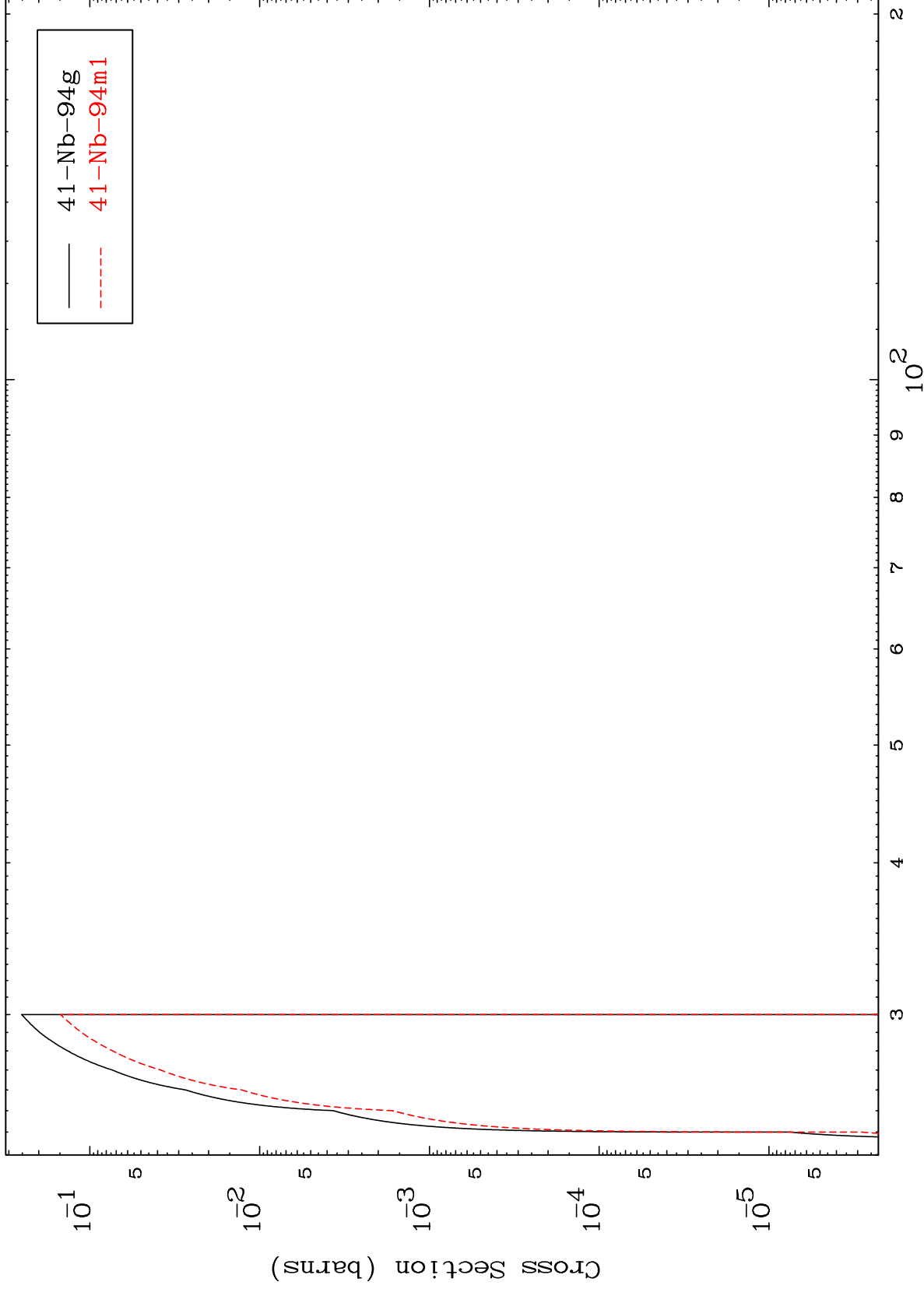
39-Y -91g
39-Y -91m1

MAT 4137

(n,4n)

41-Nb-97

Radionuclide Production Cross Section



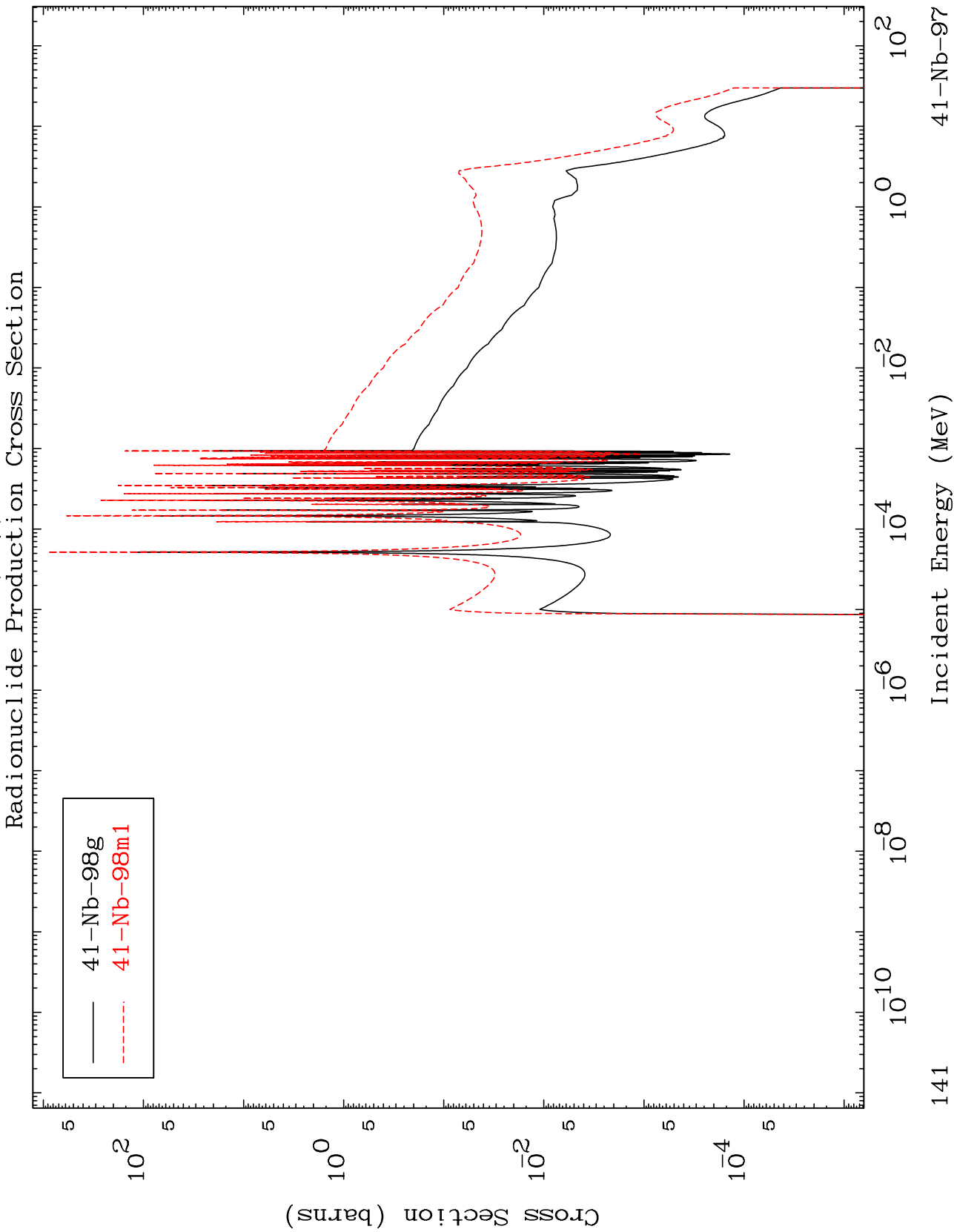
140

Incident Energy (MeV)

41-Nb-97

MAT 4137

41-Nb-97

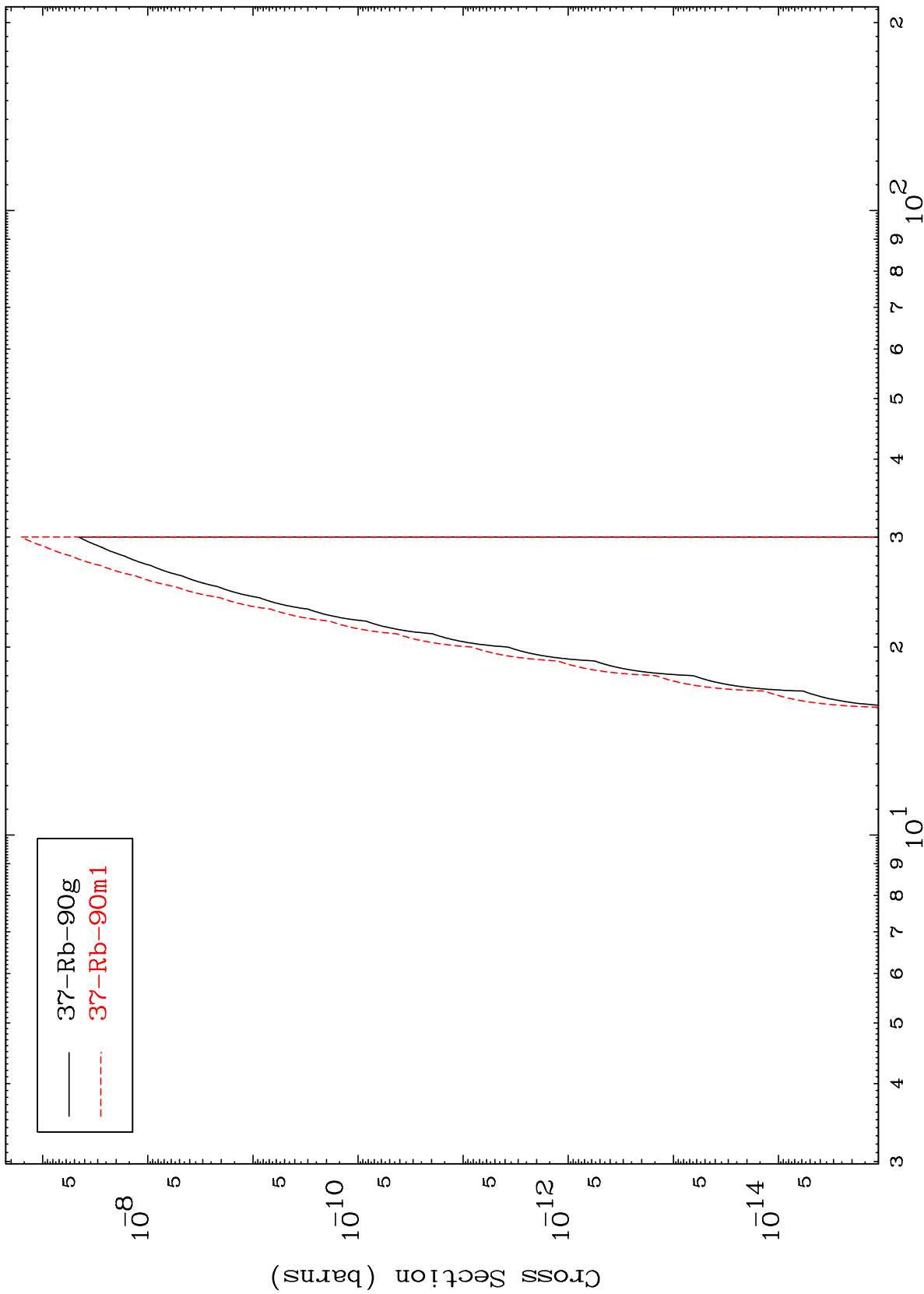


141

MAT 4137

41-Nb-97

Radionuclide Production Cross Section
(n,2α)



Incident Energy (MeV)

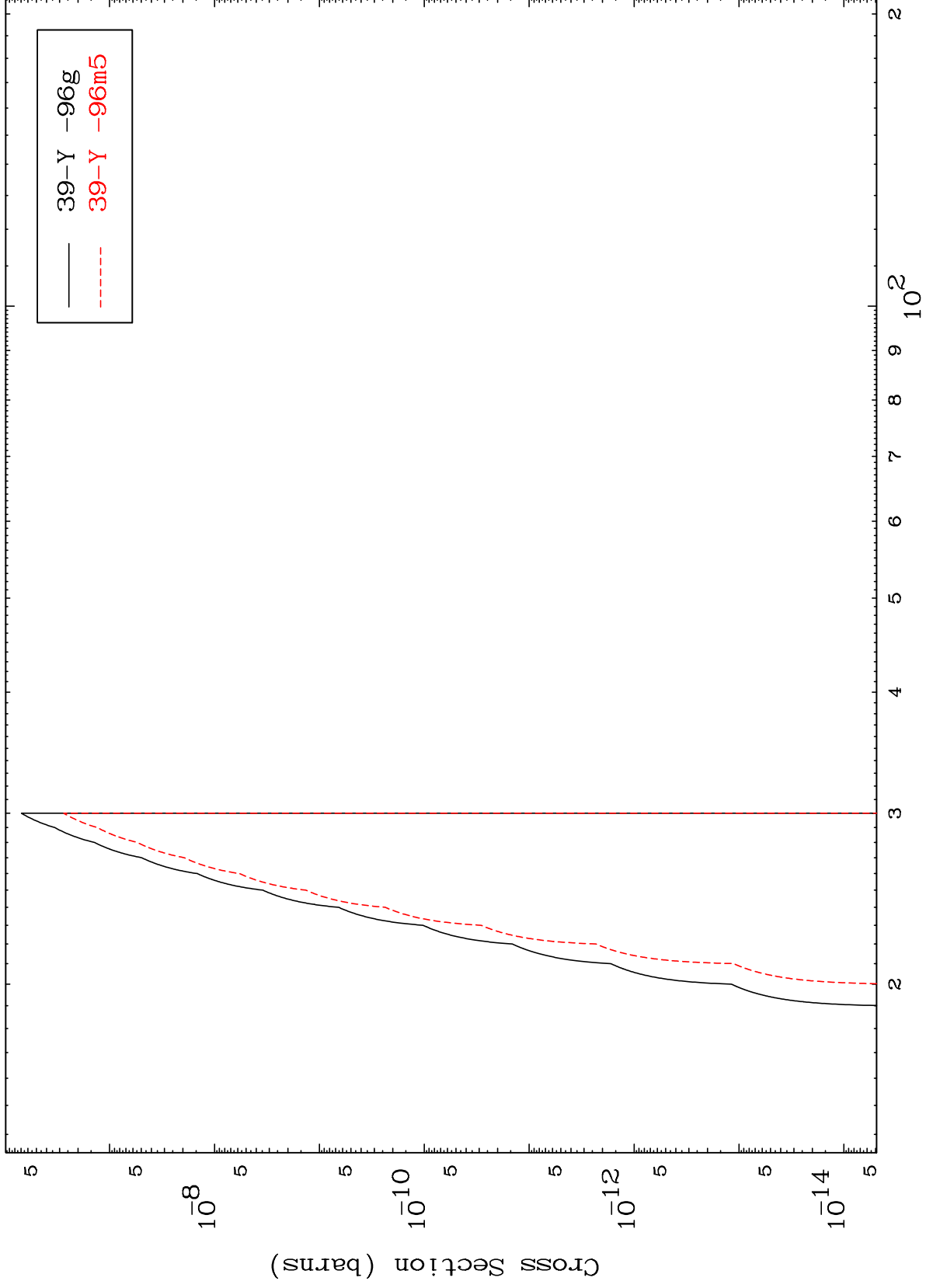
41-Nb-97

142

MAT 4137

41-Nb-97

(n,2p)
Radionuclide Production Cross Section



143

Incident Energy (MeV)

41-Nb-97