

Program EVALPLOT
(Version 2018-1)

by

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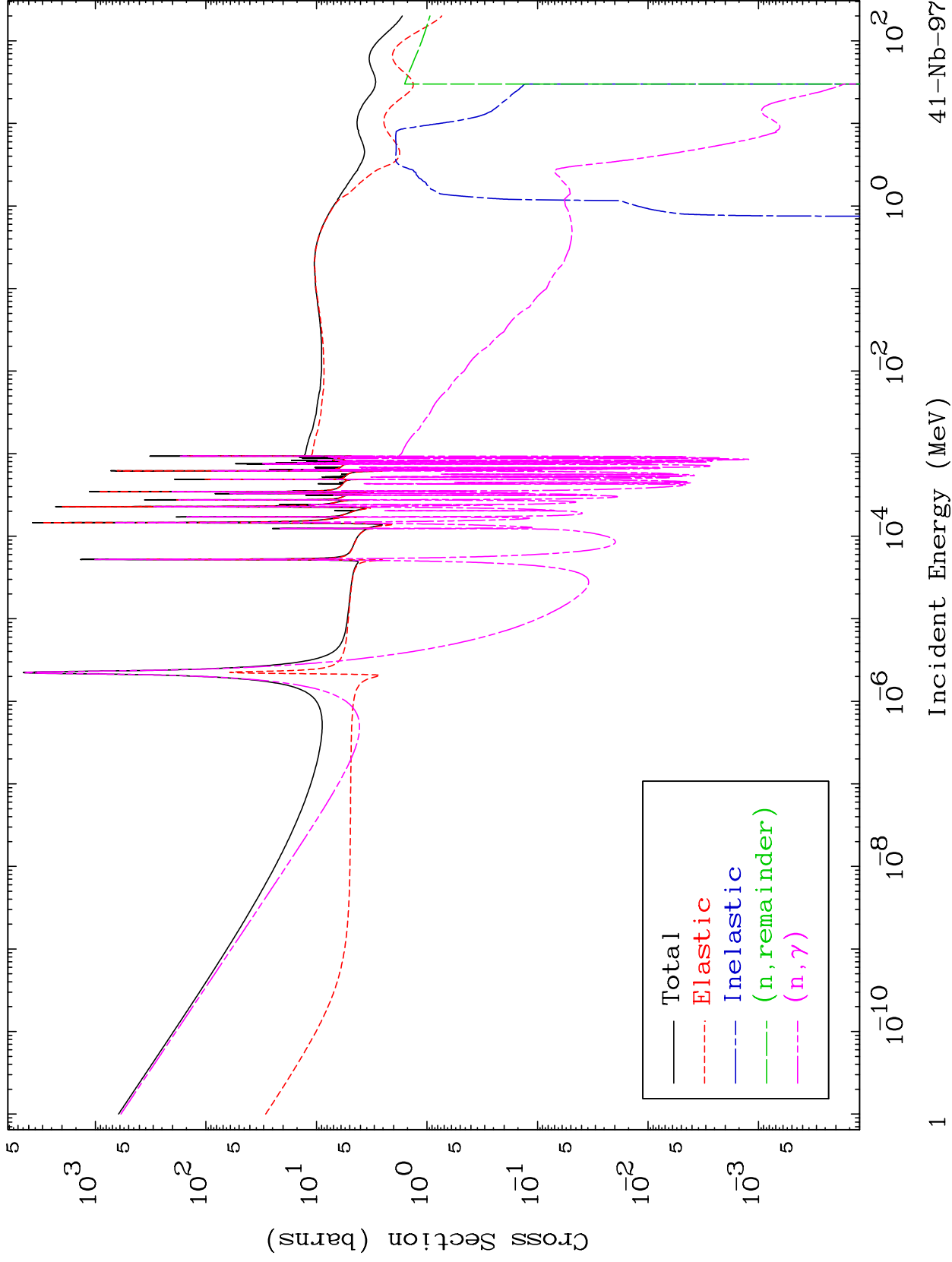
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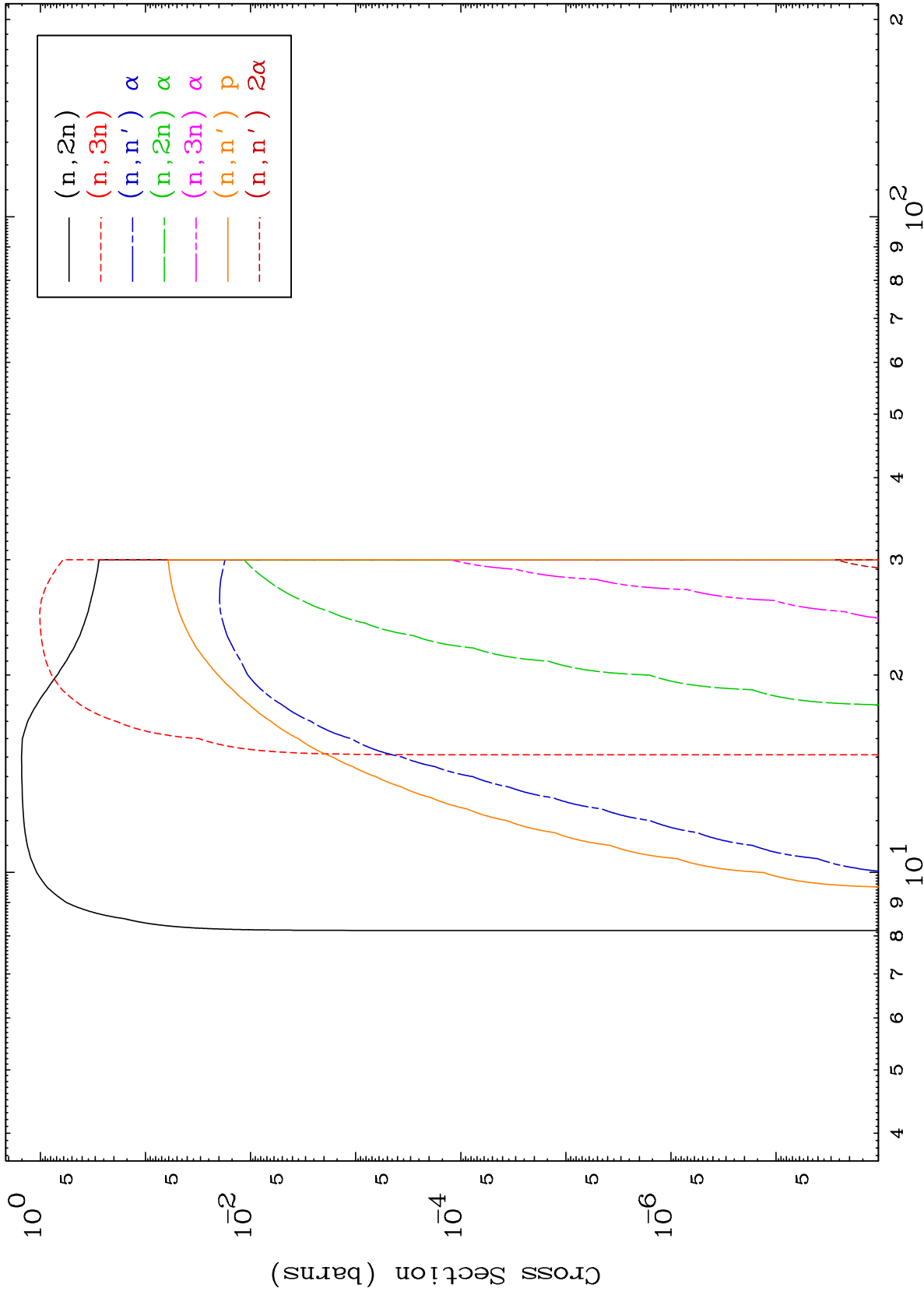
Press Mouse Button to Start

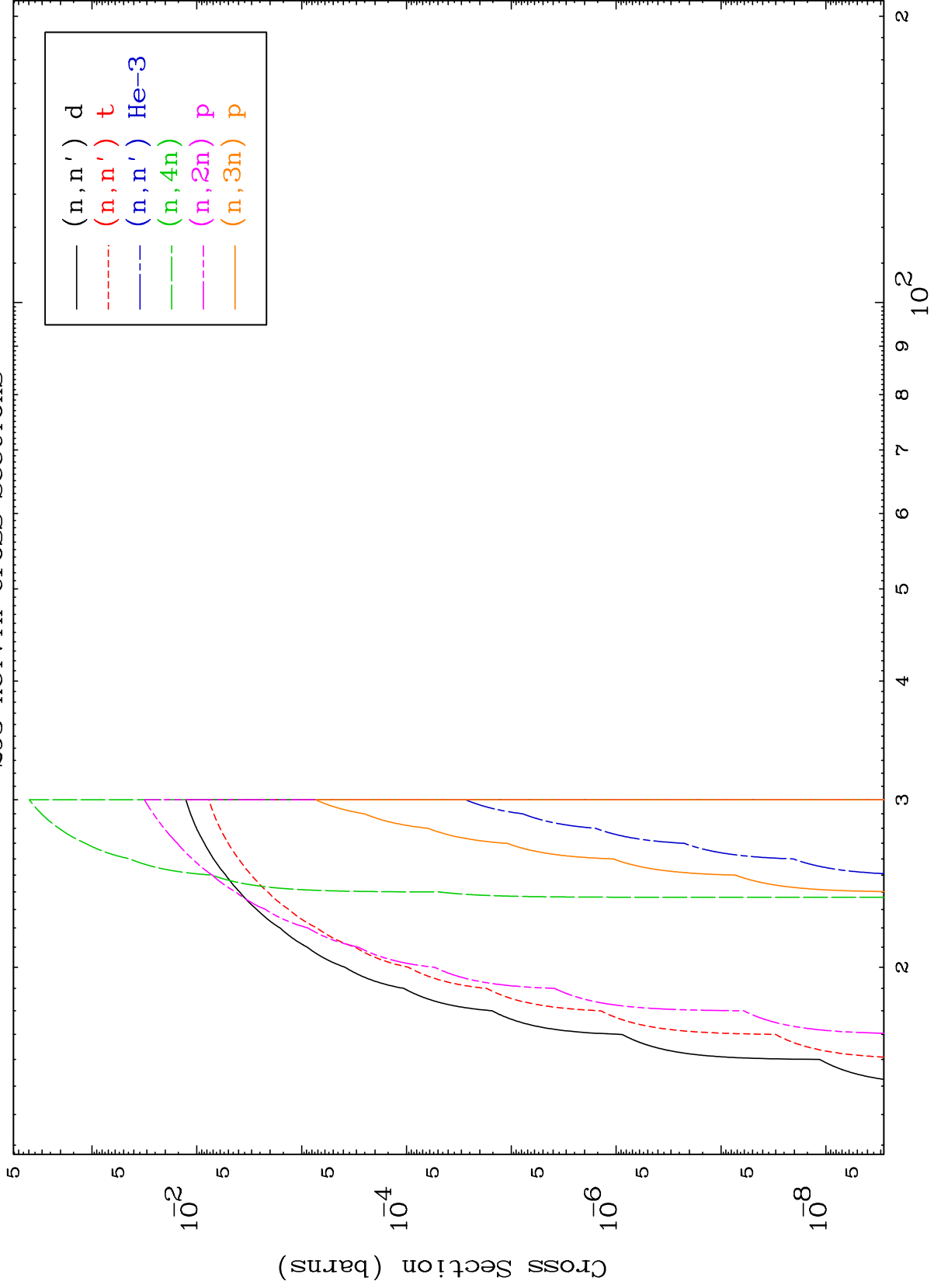
MAT 4137

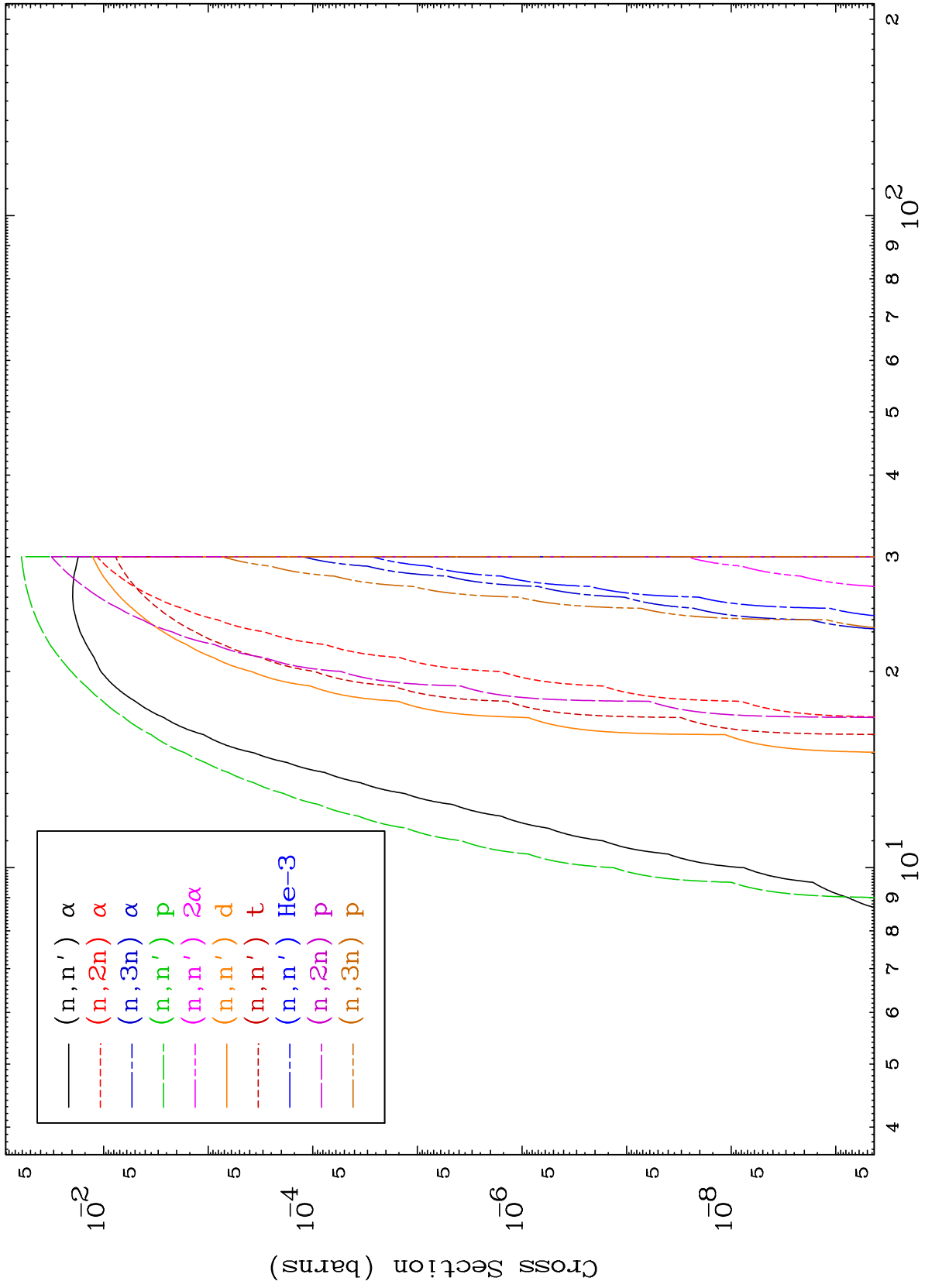
Major
293 Kelvin Cross Sections

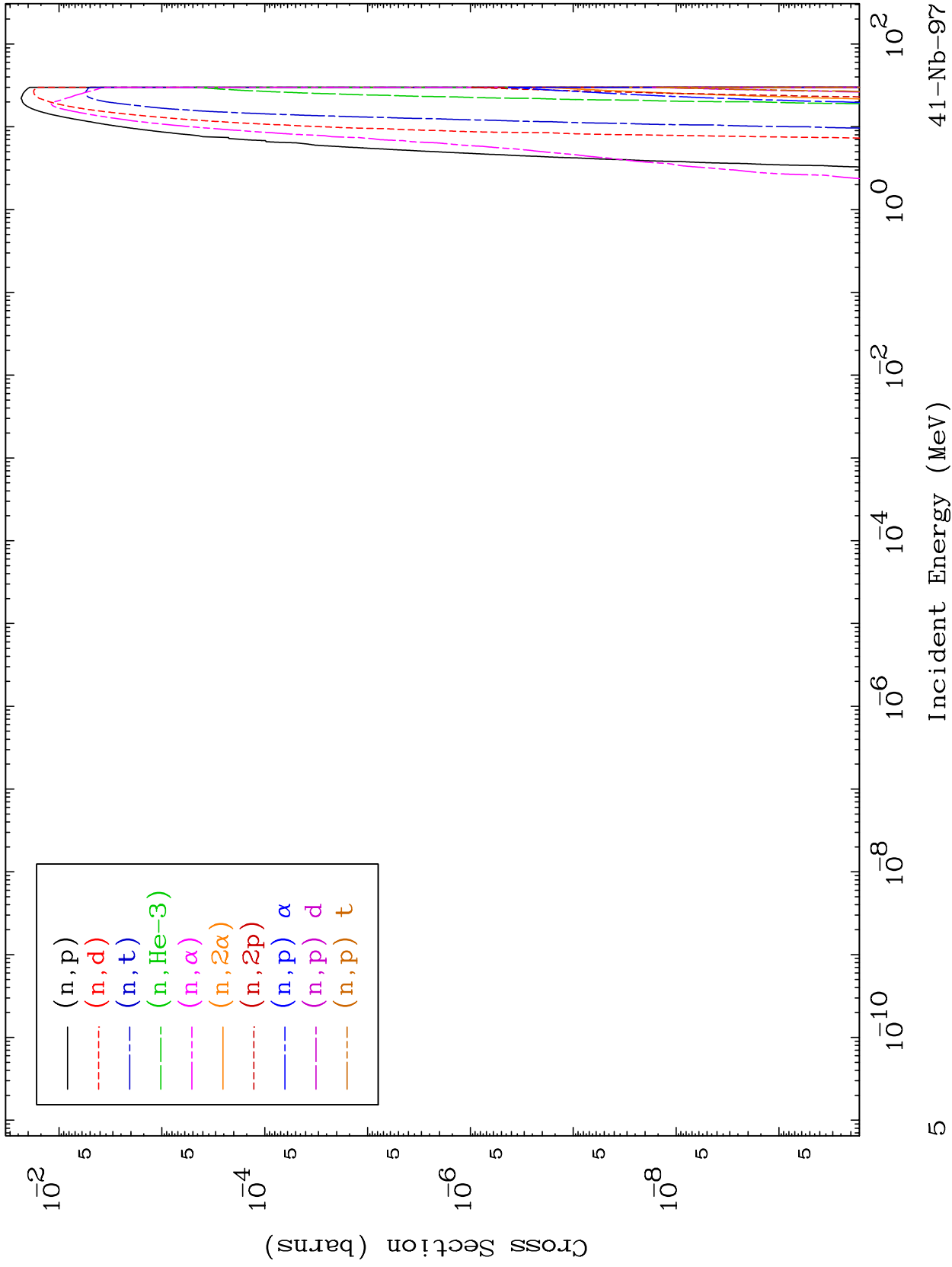
41-Nb-97







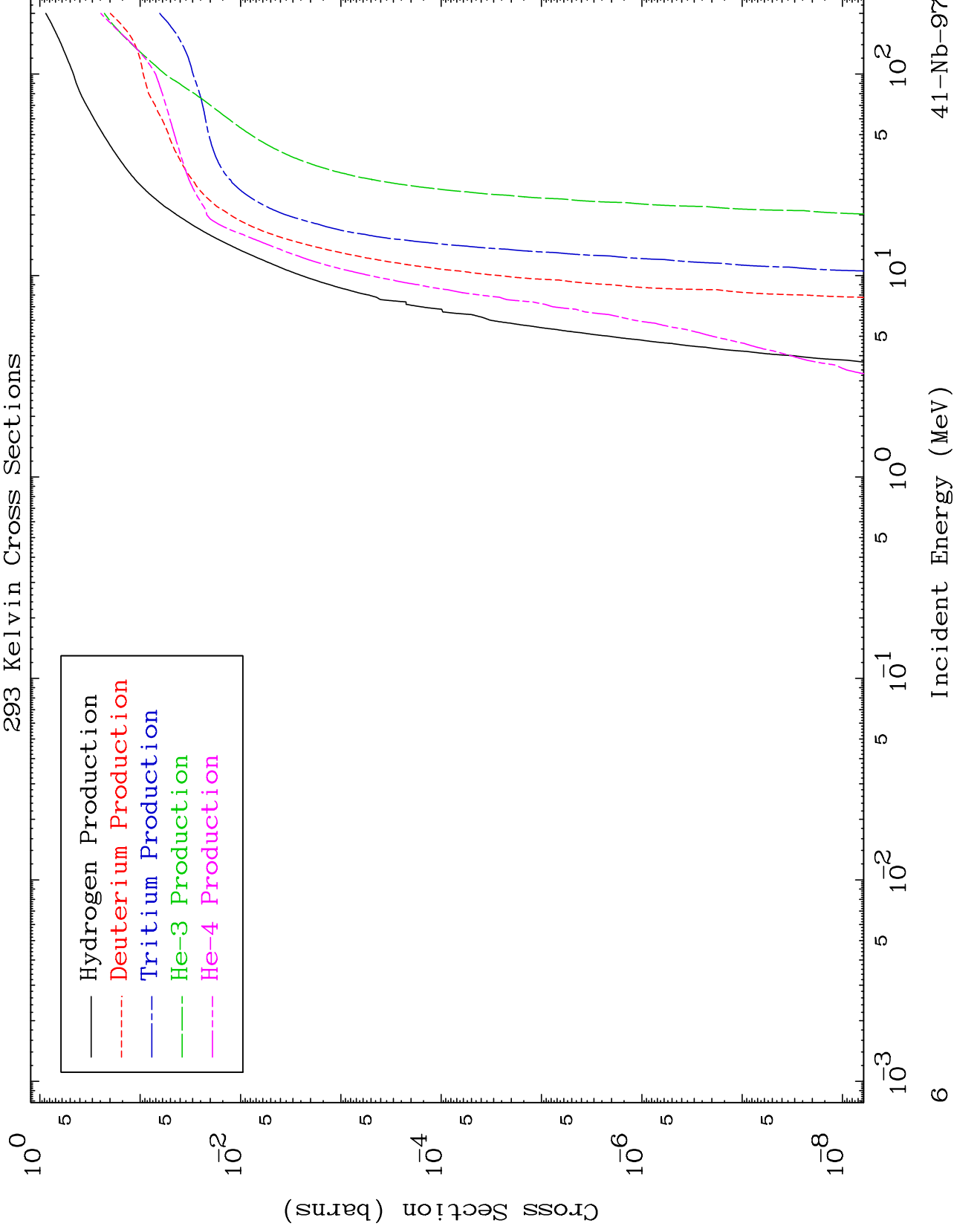




MAT 4137

Particle Production
293 Kelvin Cross Sections

41-Nb-97



MAT 4137

(n,n') Level

41-Nb-97

293 Kelvin Cross Sections

10^4

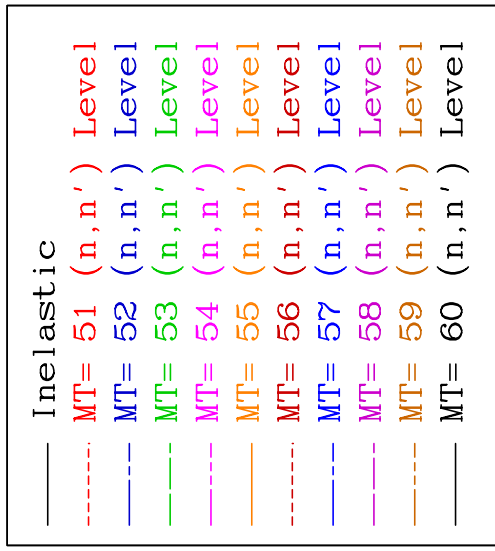
10^2

10^0

10^{-2}

10^{-4}

Cross Section (barns)



8

10^0

2

4

6

8

10^1

2

4

6

8

10^2

2

7

Incident Energy (MeV)

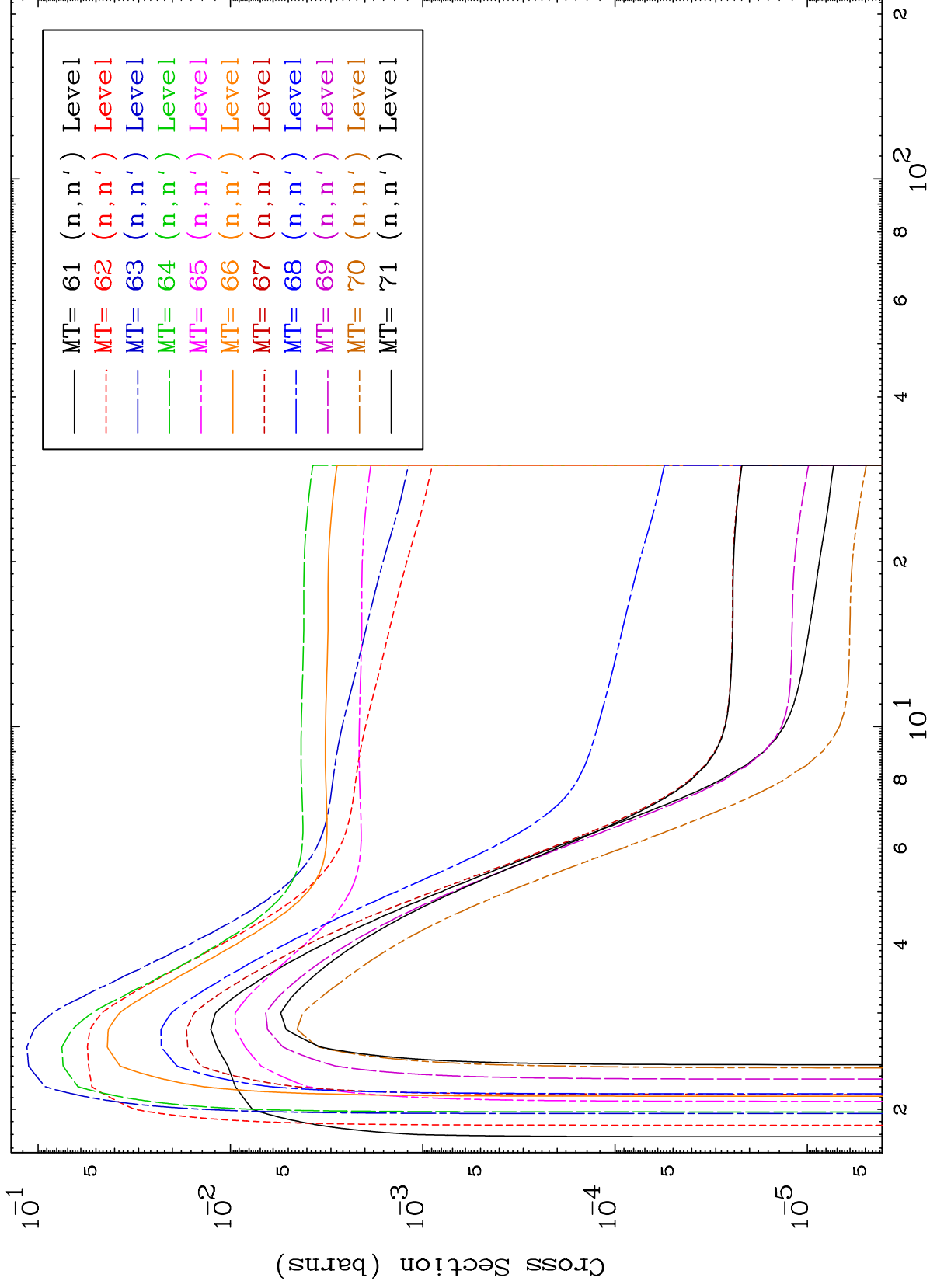
41-Nb-97

MAT 4137

(n,n') Level

41-Nb-97

293 Kelvin Cross Sections

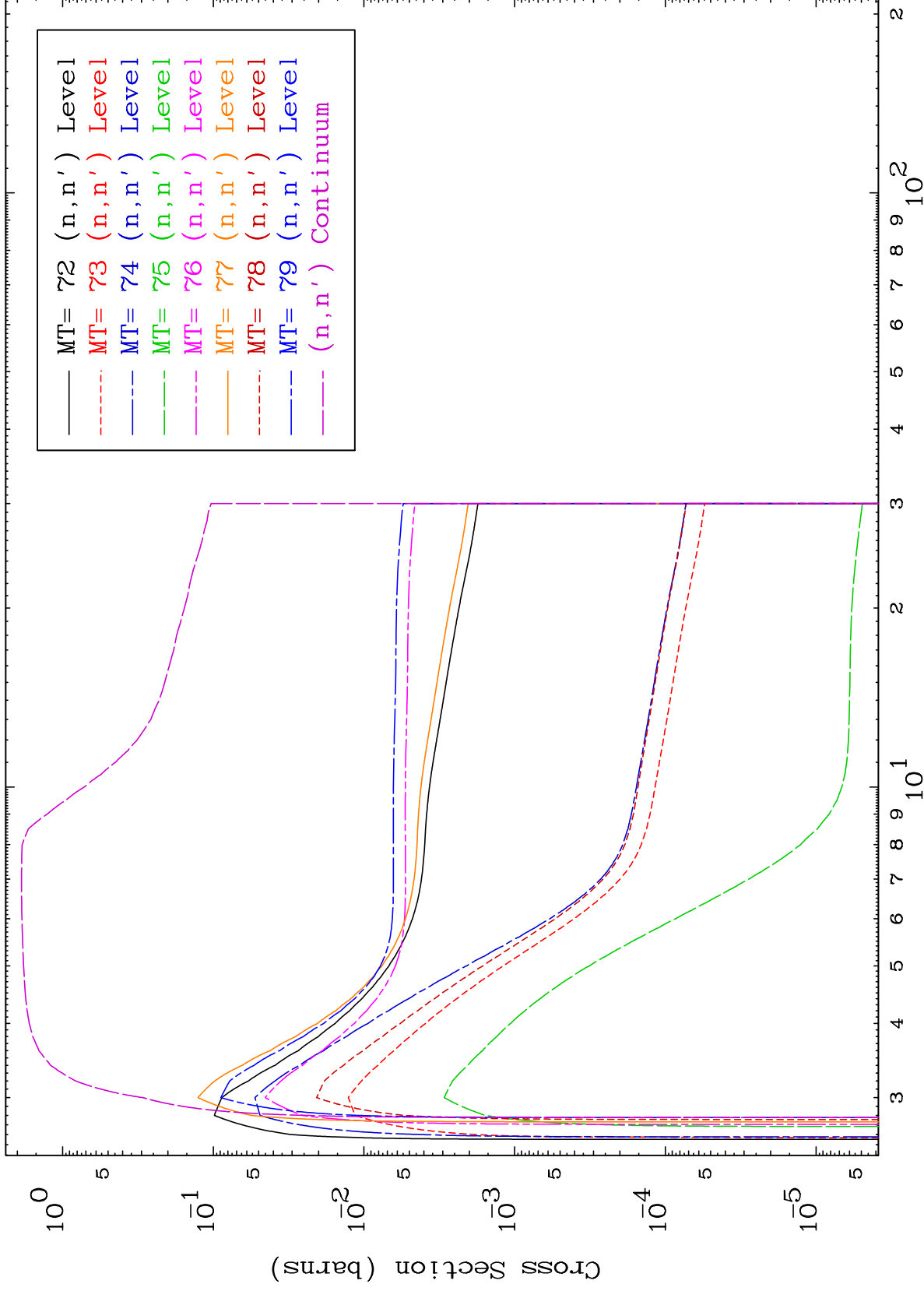


8

Incident Energy (MeV)

41-Nb-97

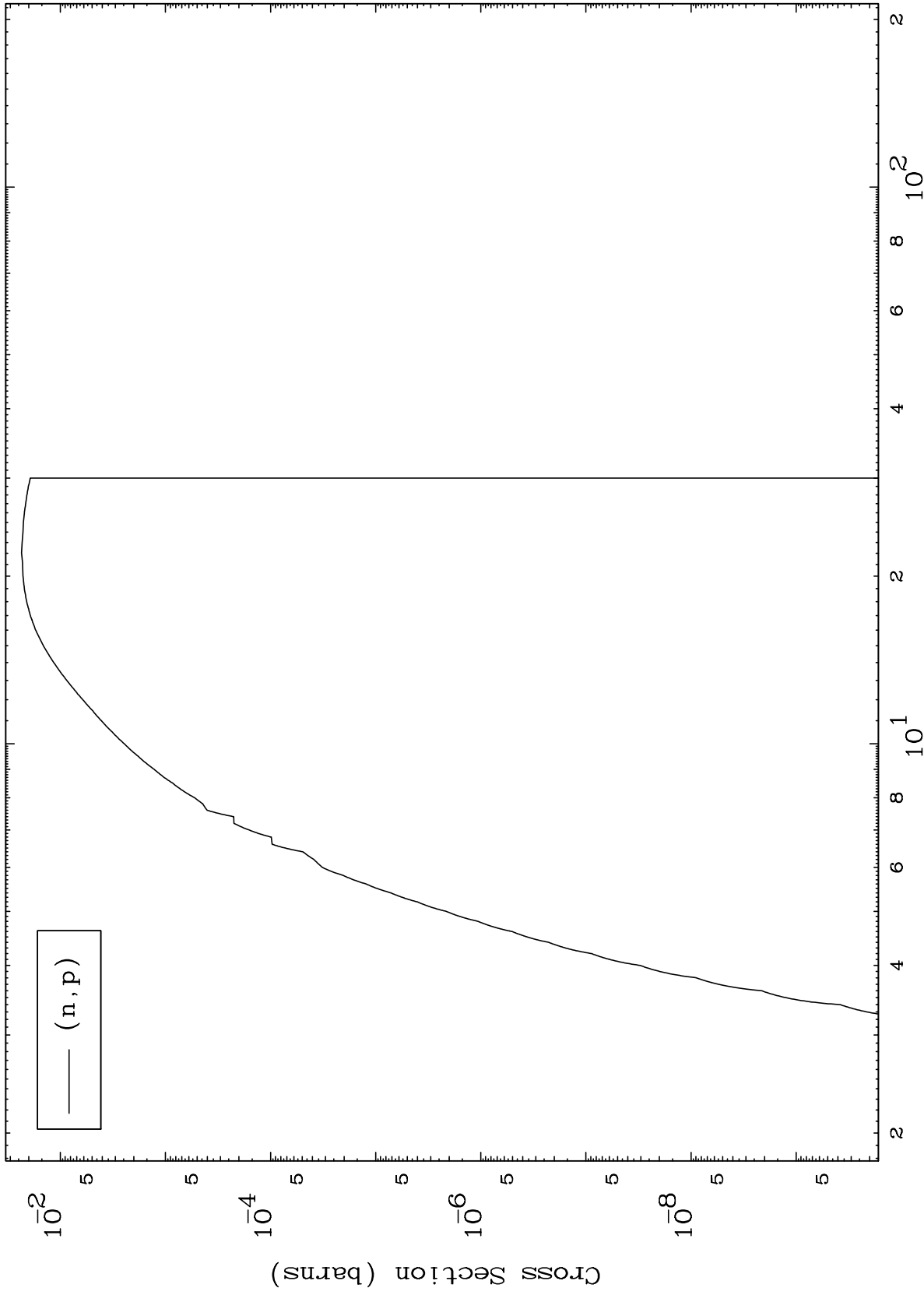
293 Kelvin Cross Sections



MAT 4137

(n,p) Levels
293 Kelvin Cross Sections

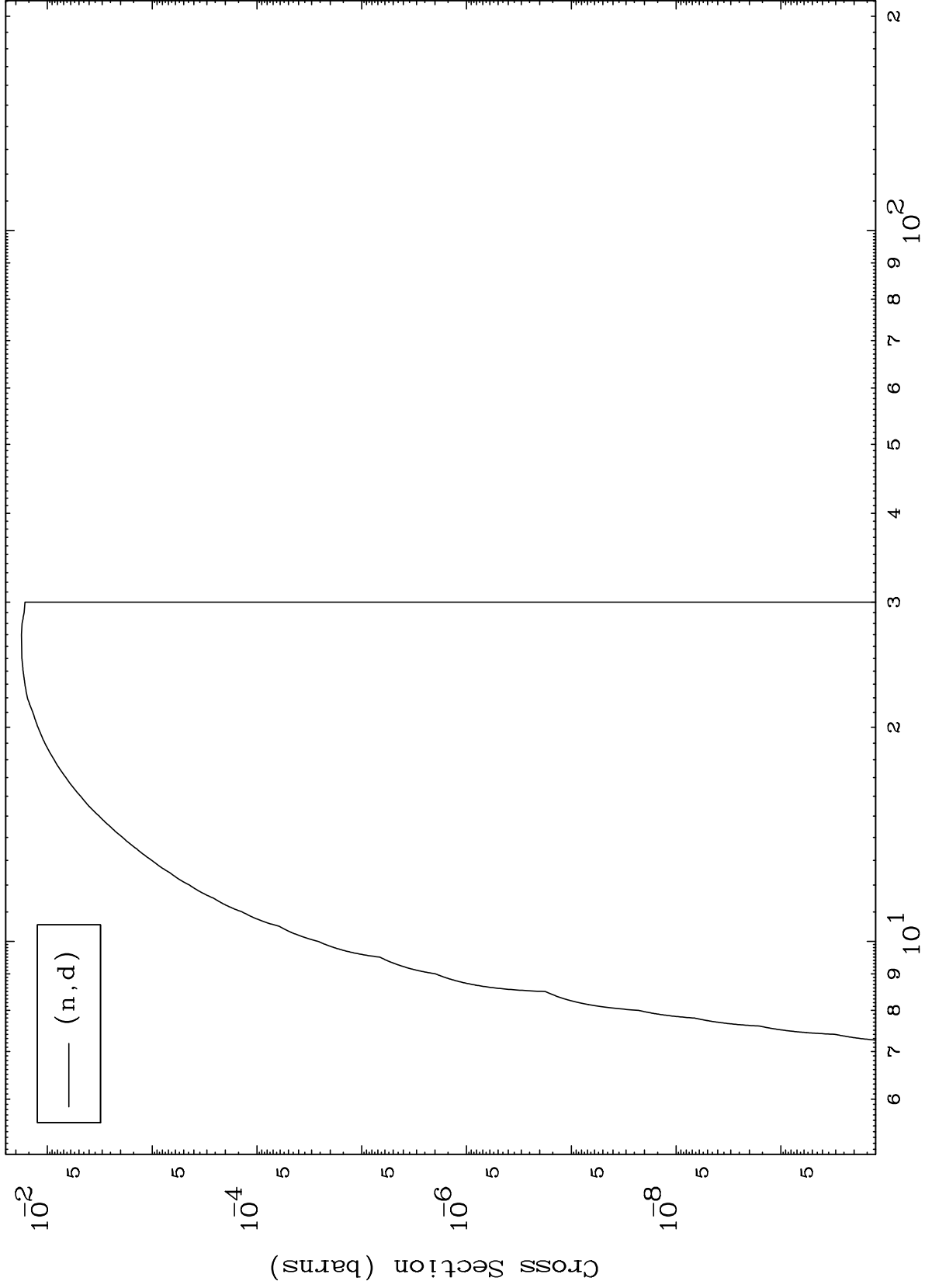
41-Nb-97



10

Incident Energy (MeV)

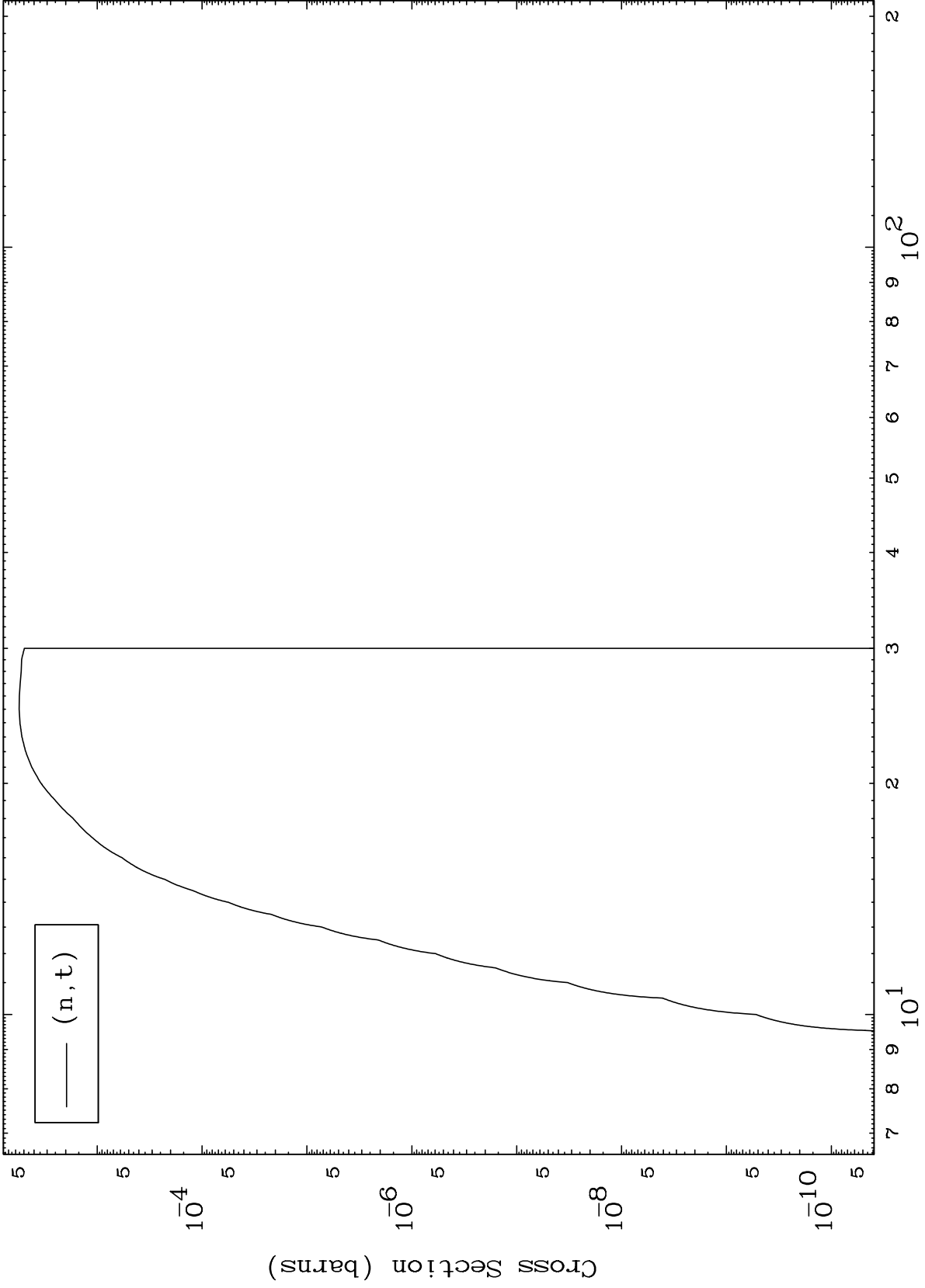
41-Nb-97



MAT 4137

(n,t) Levels
293 Kelvin Cross Sections

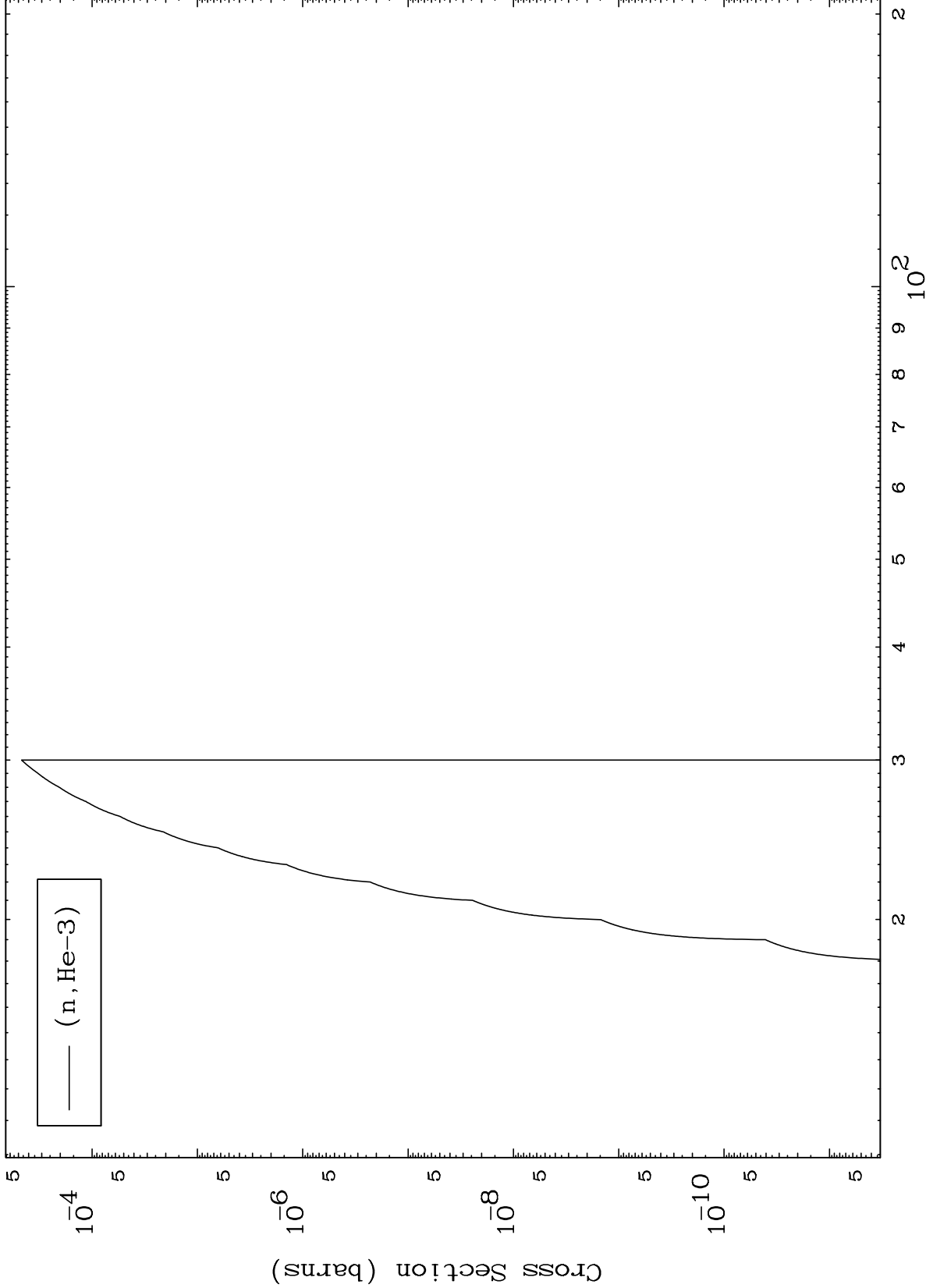
41-Nb-97



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Incident Energy (MeV)

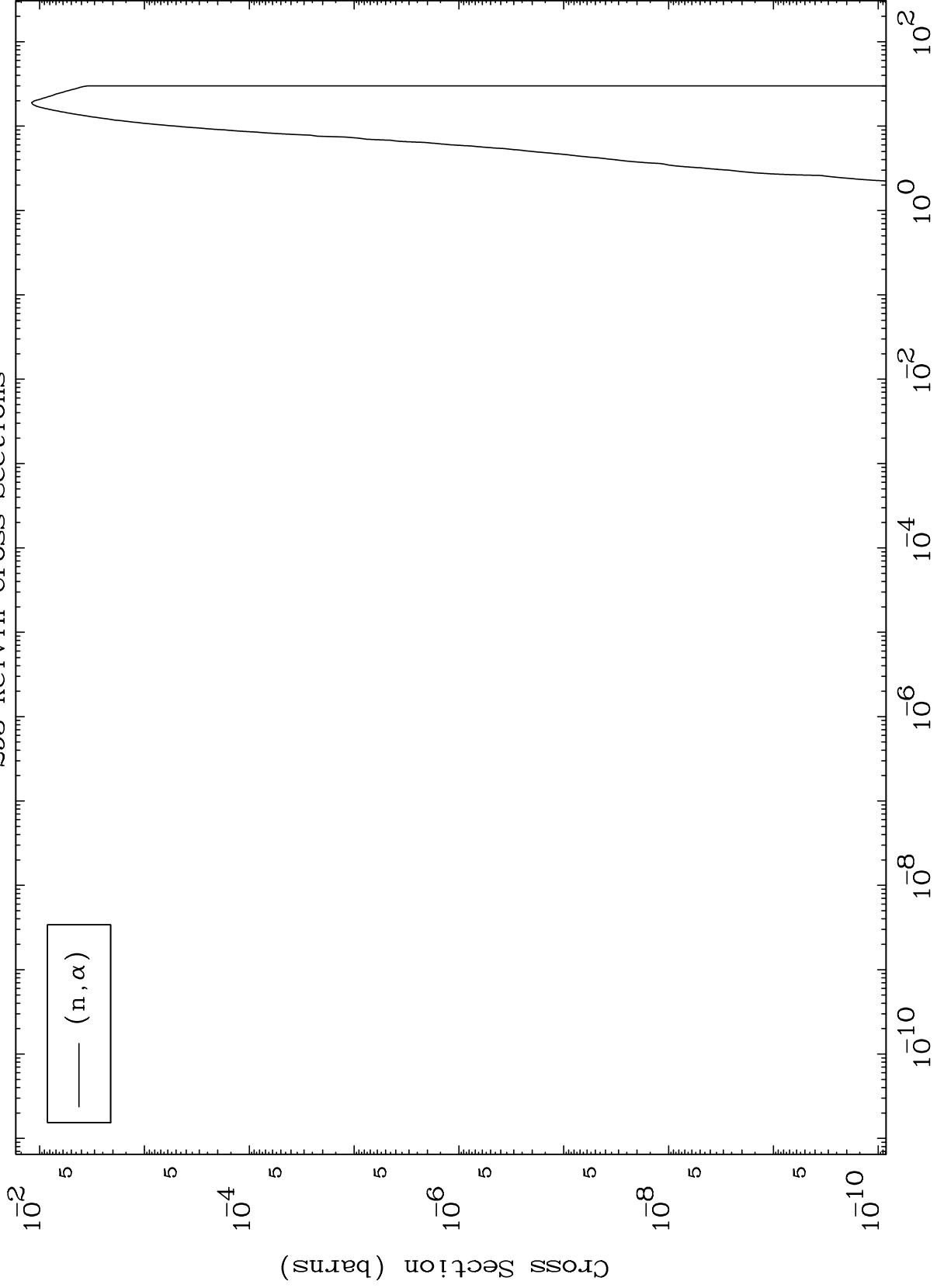
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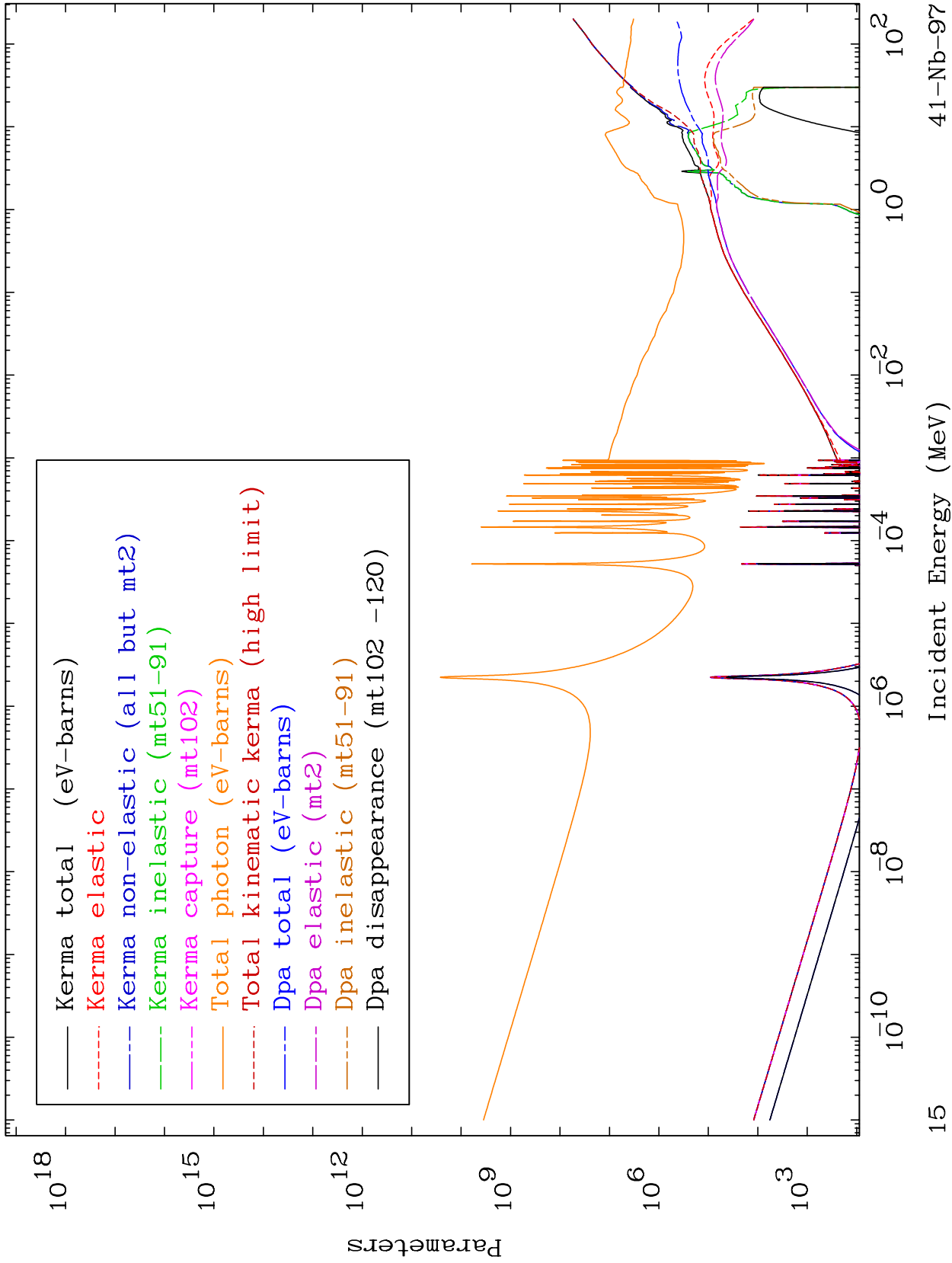


MAT 4137

(n, α) Levels
293 Kelvin Cross Sections

41-Nb-97

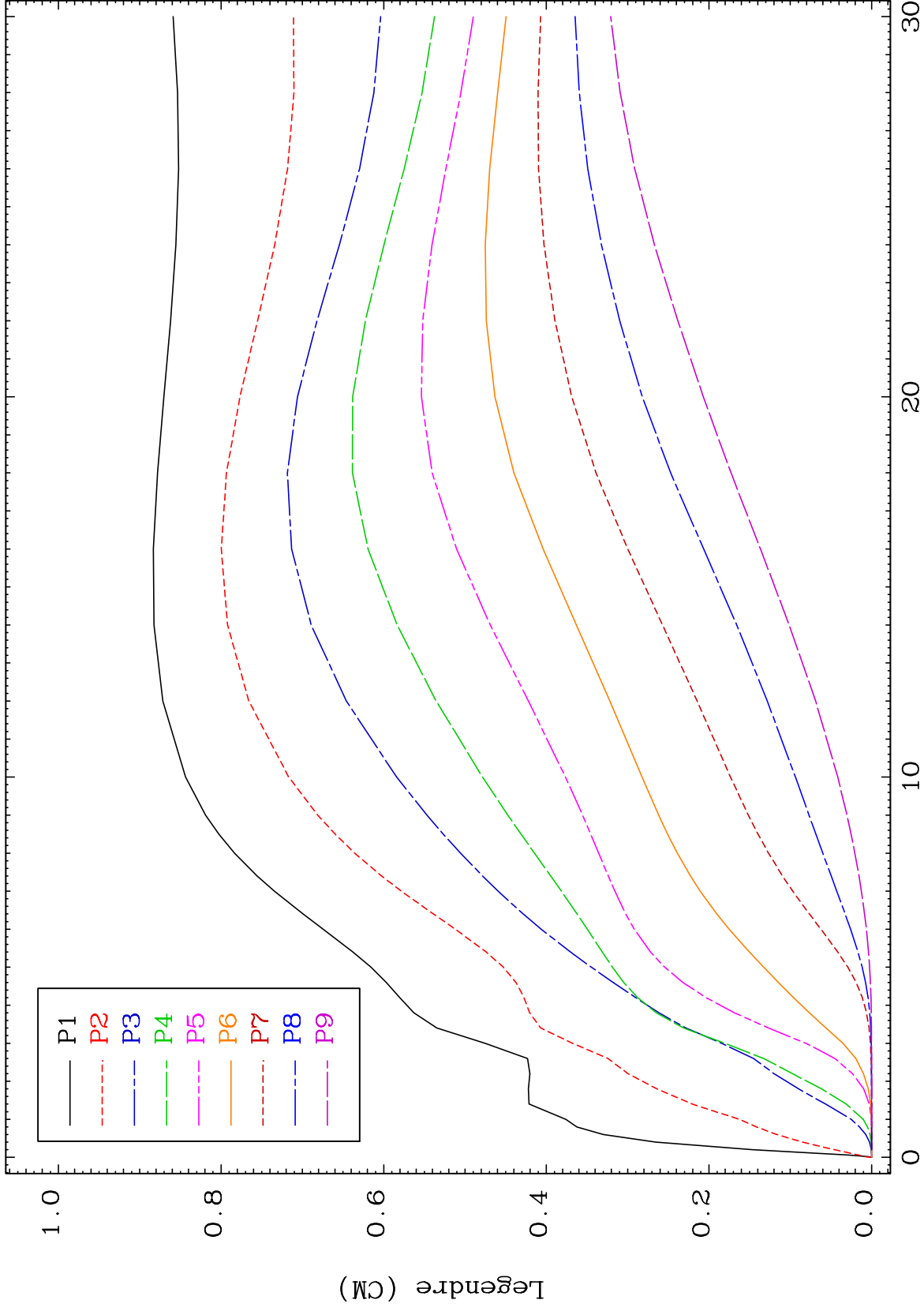




MAT 4137

Elastic Legendre Coefficients

41-Nb-97



16

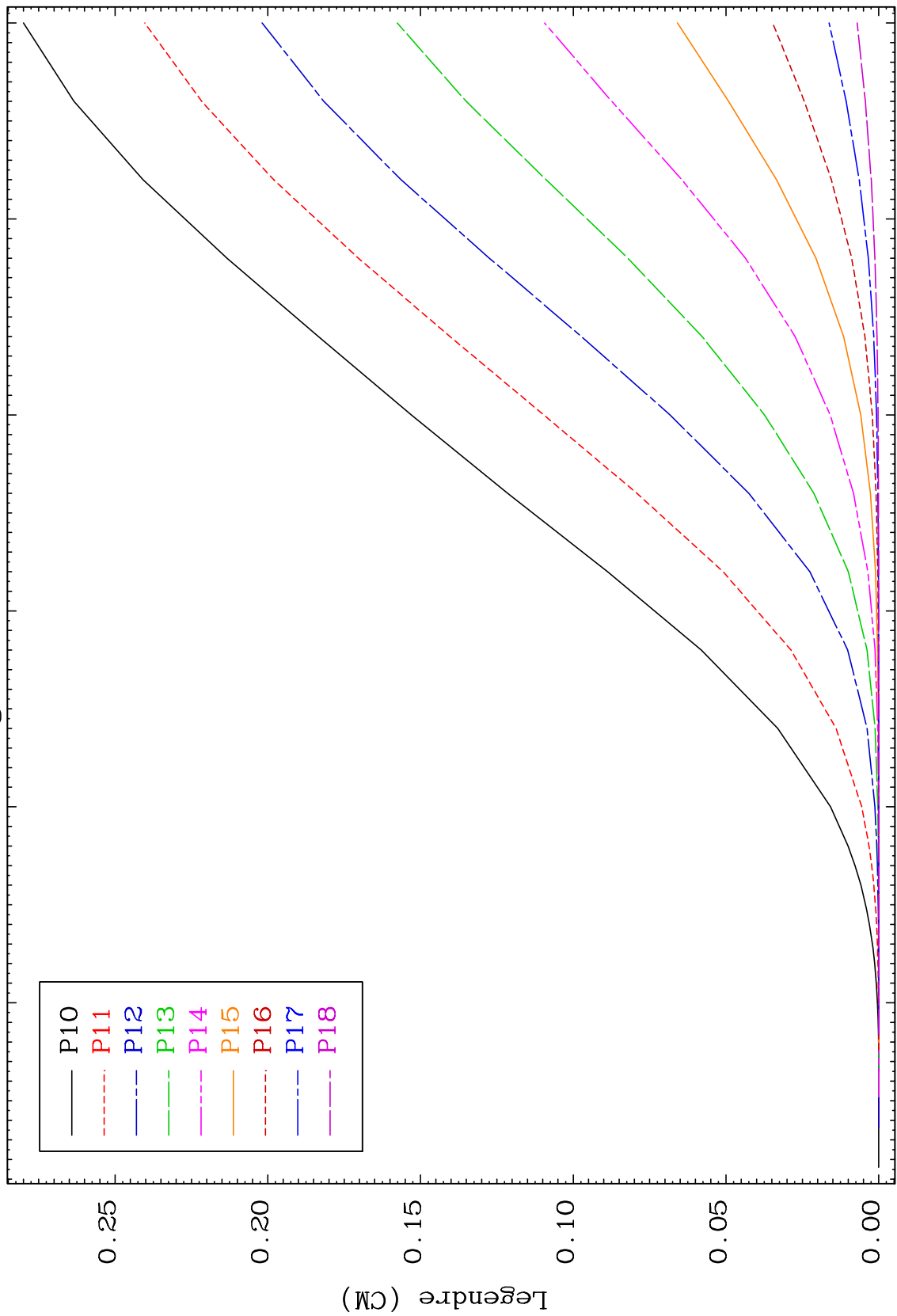
Incident Energy (MeV)

41-Nb-97

MAT 4137

Elastic Legendre Coefficients

41-Nb-97



17

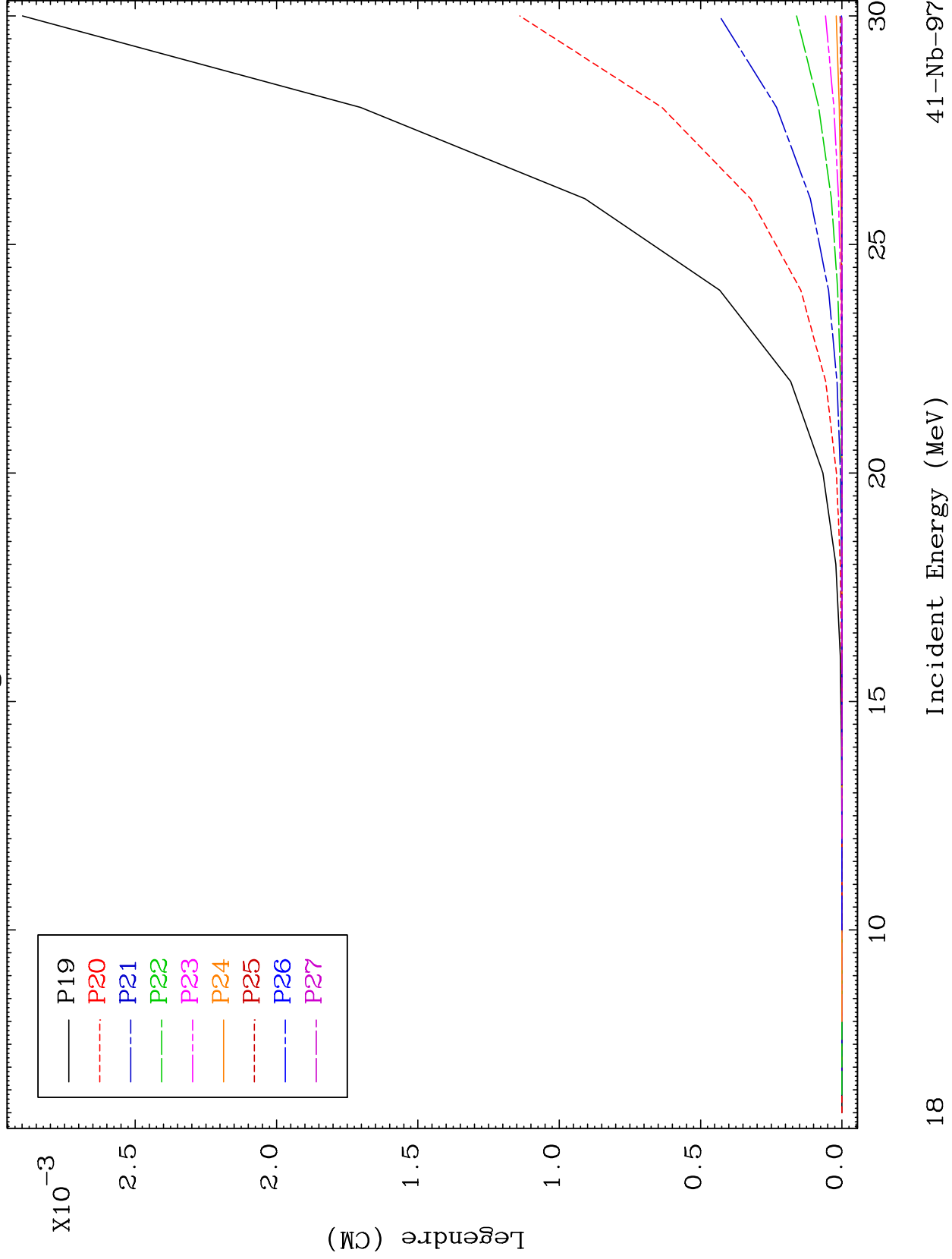
Incident Energy (MeV)

41-Nb-97

MAT 4137

Elastic Legendre Coefficients

41-Nb-97

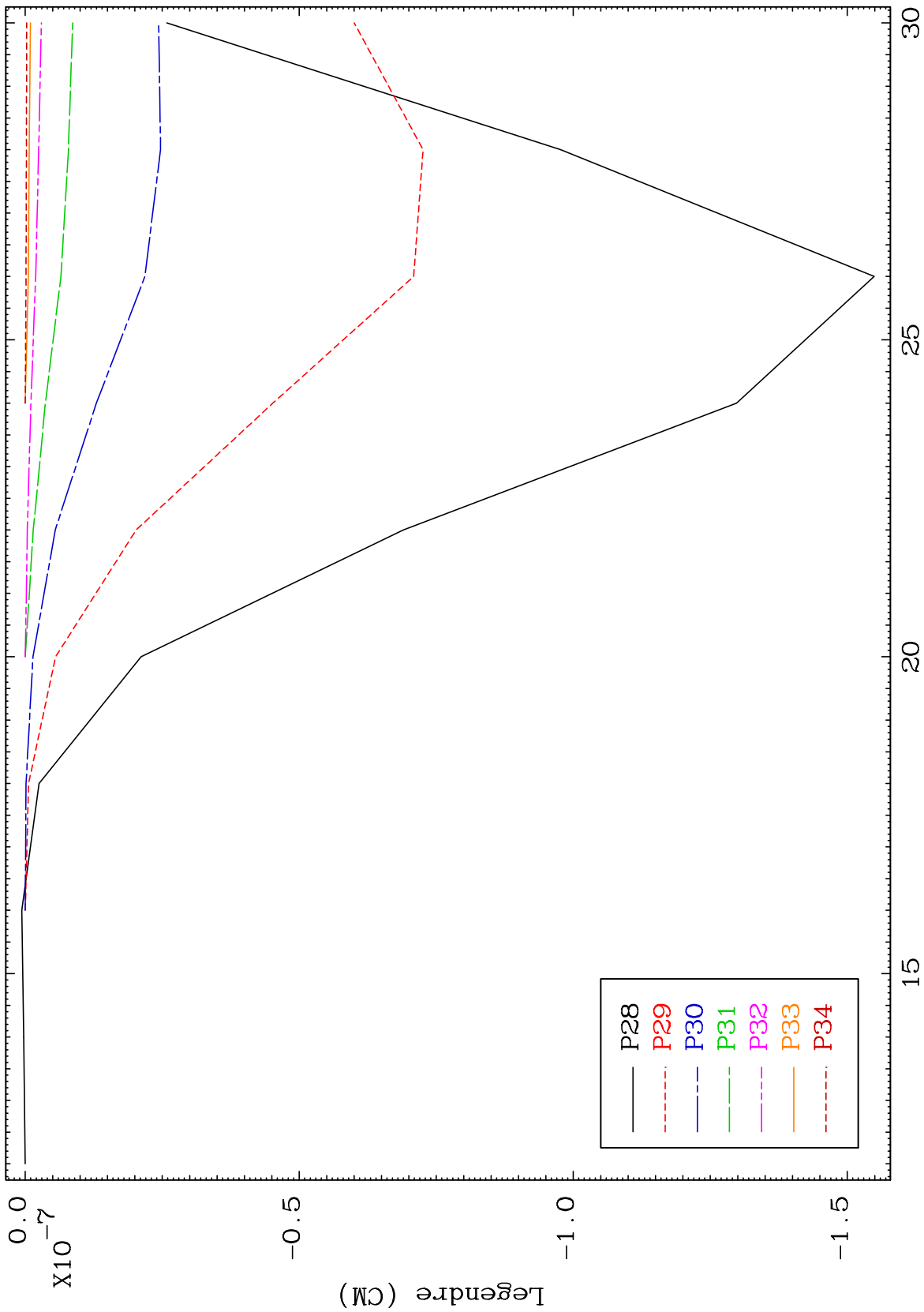


18

MAT 4137

41-Nb-97

Elastic Legendre Coefficients



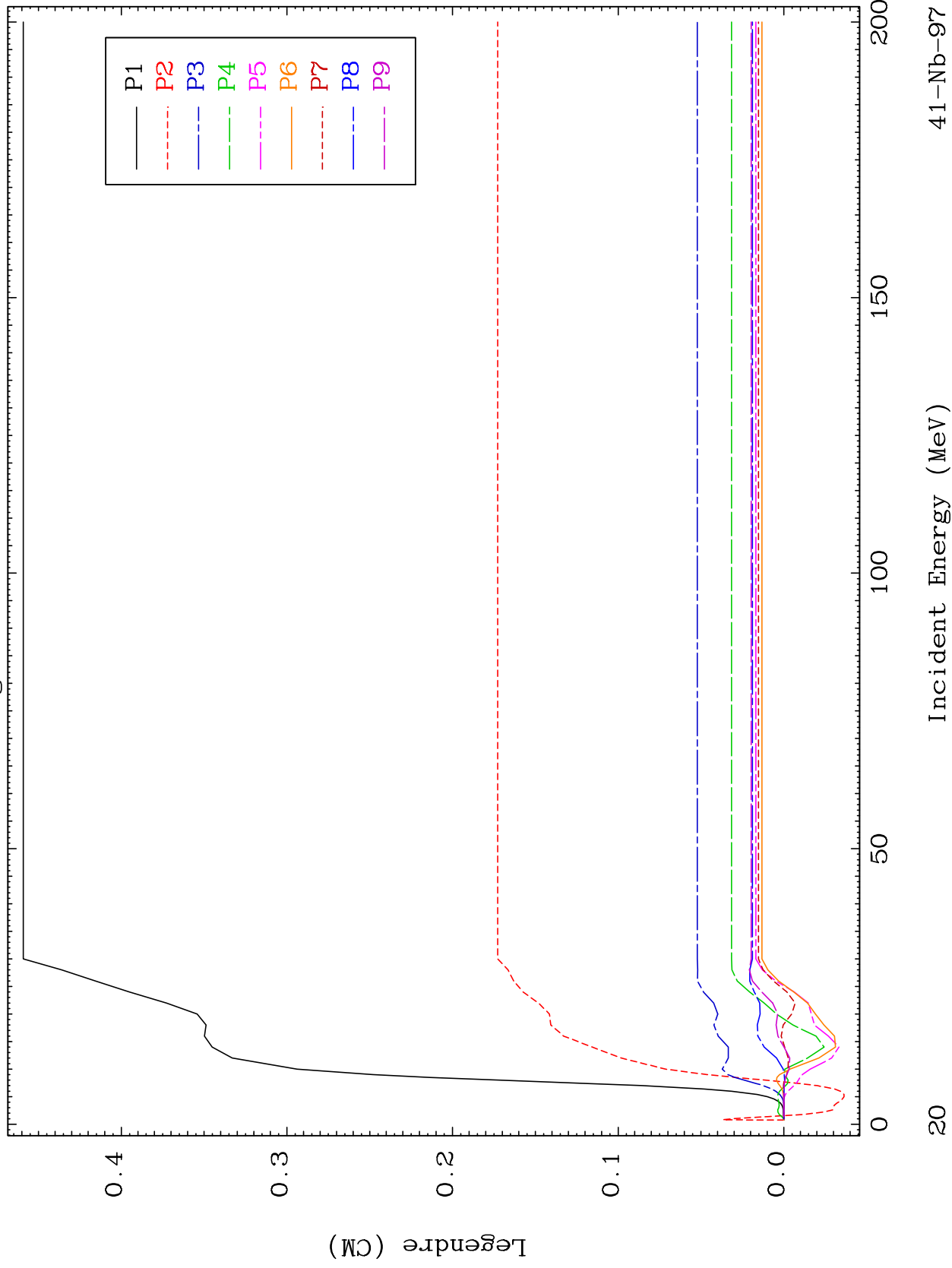
19

41-Nb-97

MAT 4137

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

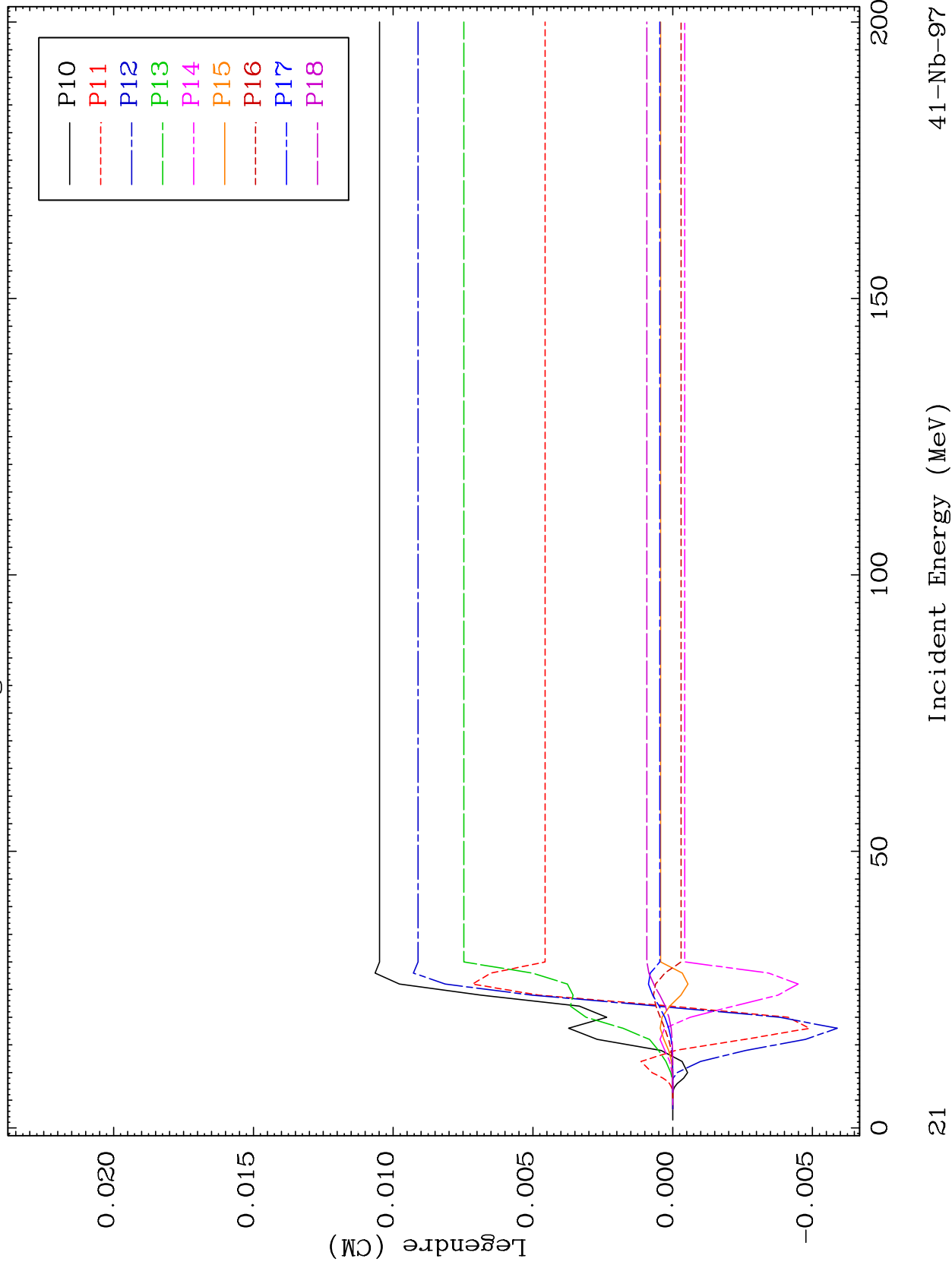
41-Nb-97



MAT 4137

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

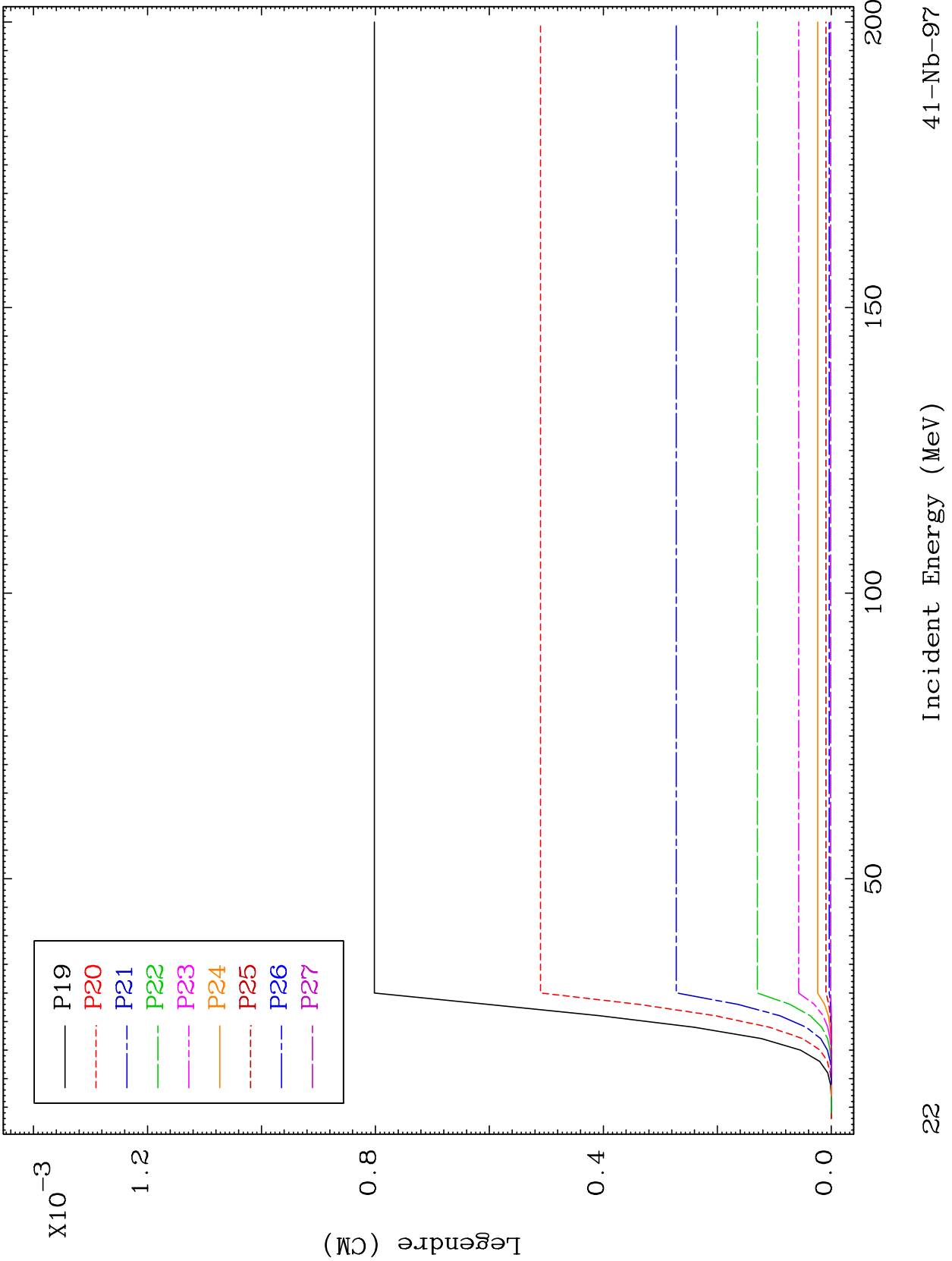
41-Nb-97



21

Incident Energy (MeV)

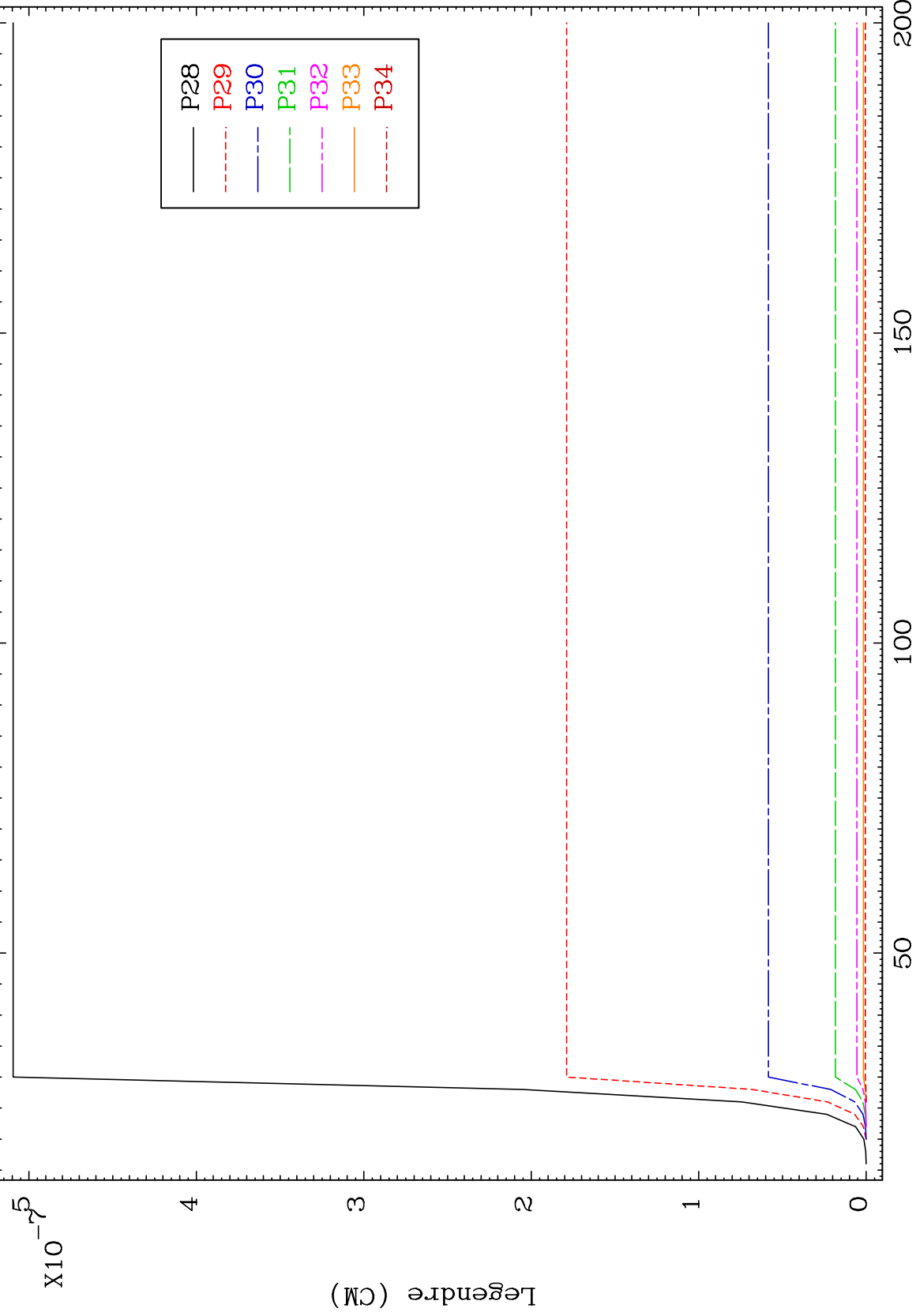
41-Nb-97



MAT 4137

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

41-Nb-97



23

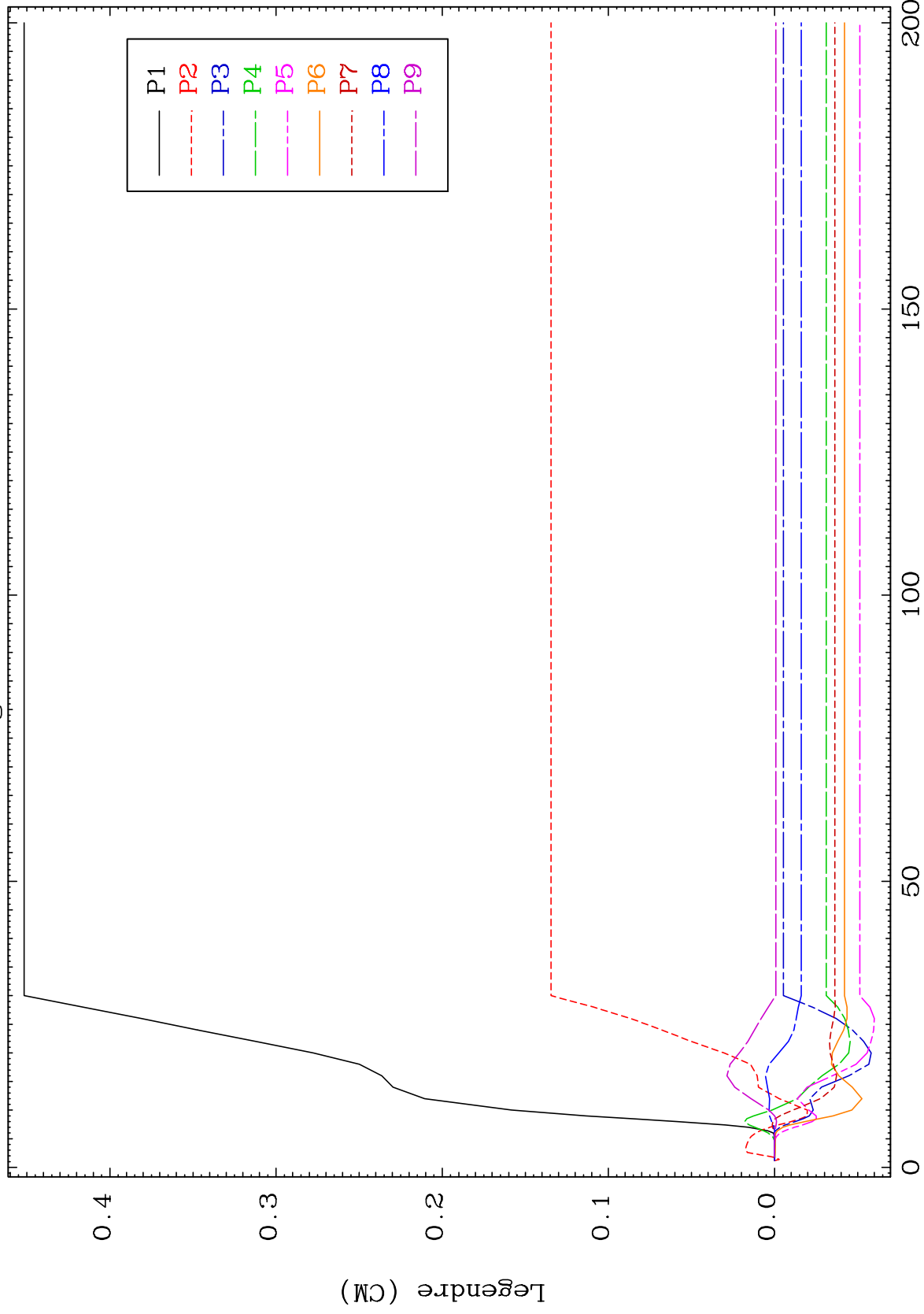
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



24

Incident Energy (MeV)

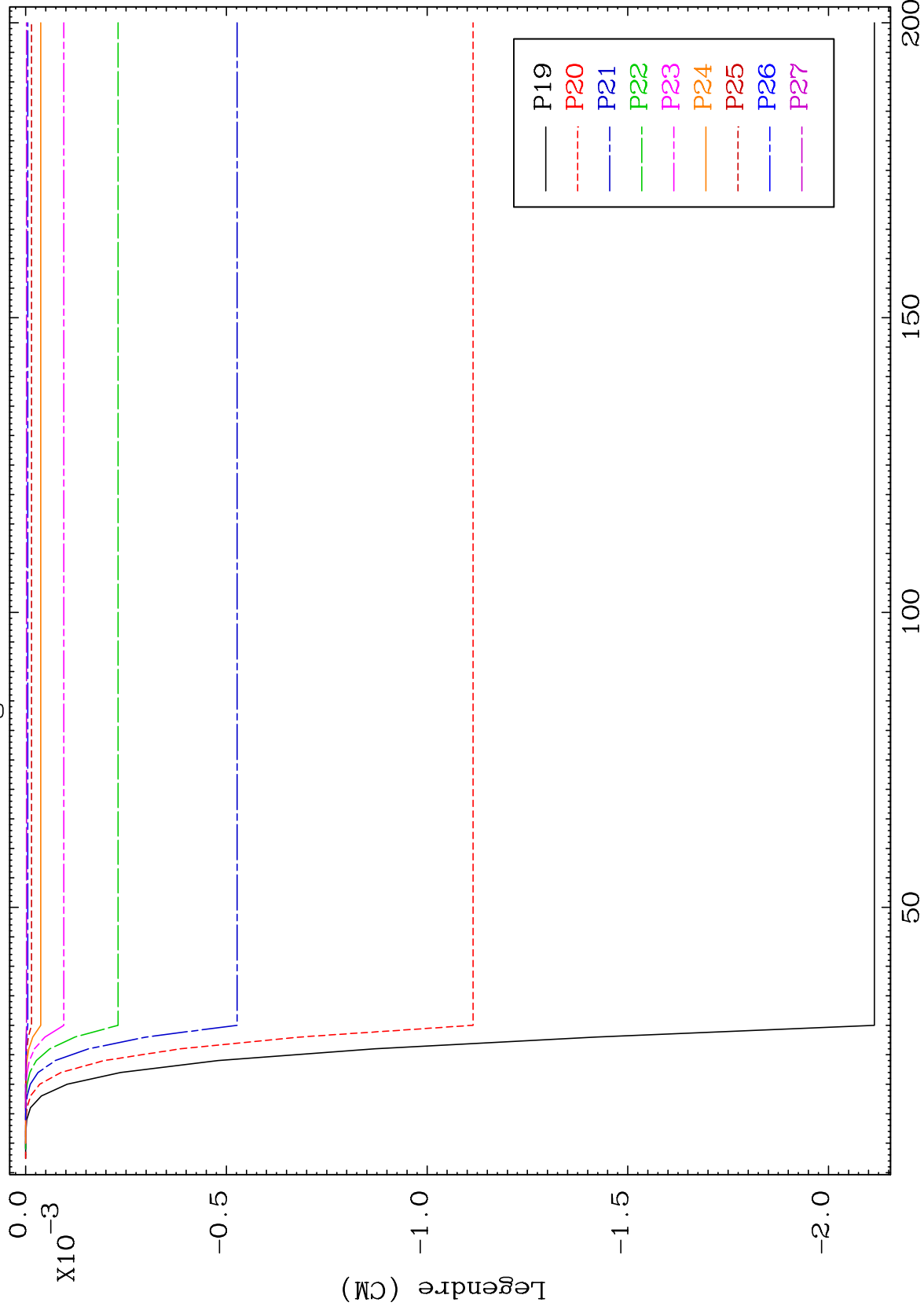
41-Nb-97

MAT 4137

MT= 52 (n,n') Level

41-Nb-97

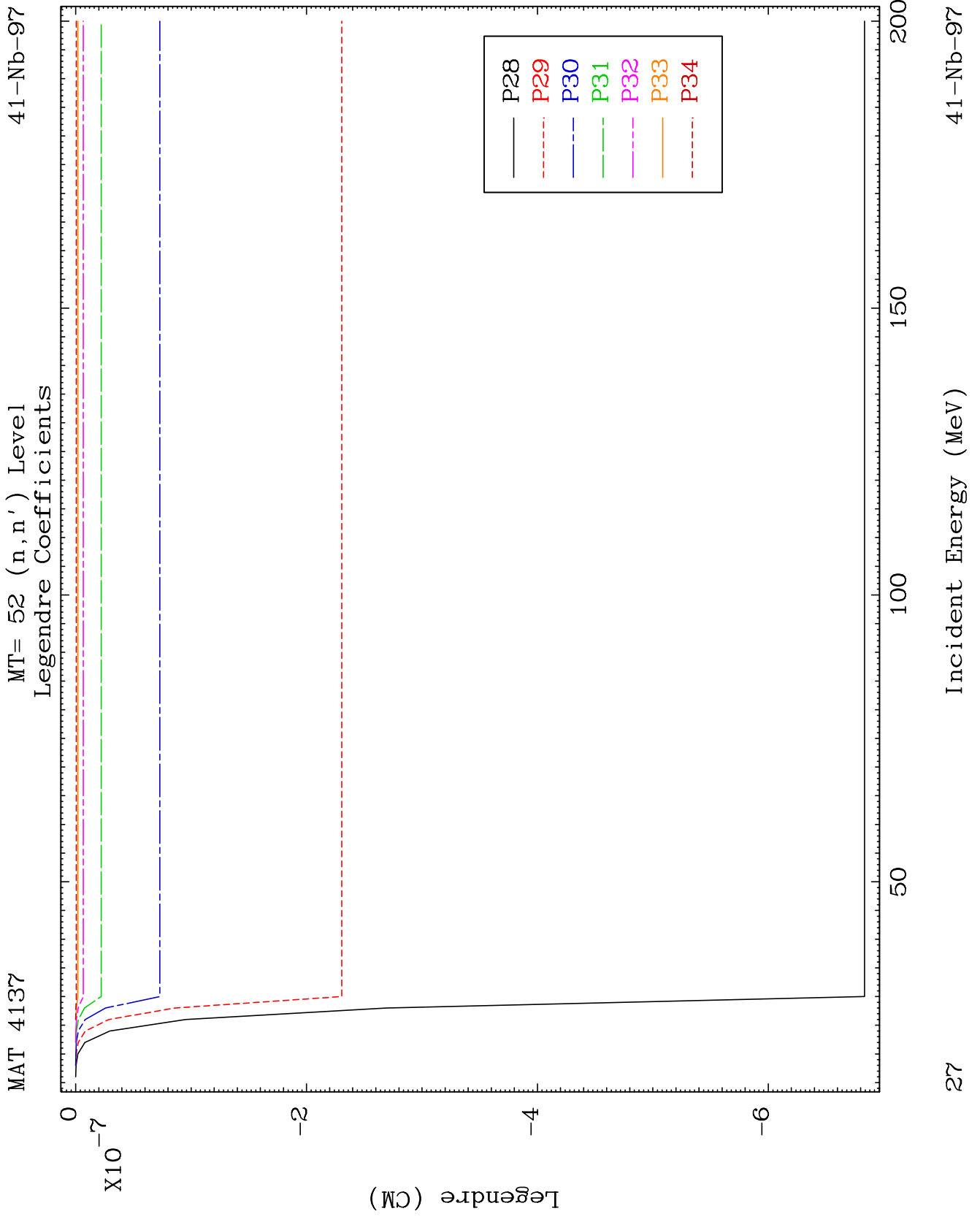
Legendre Coefficients



26

Incident Energy (MeV)

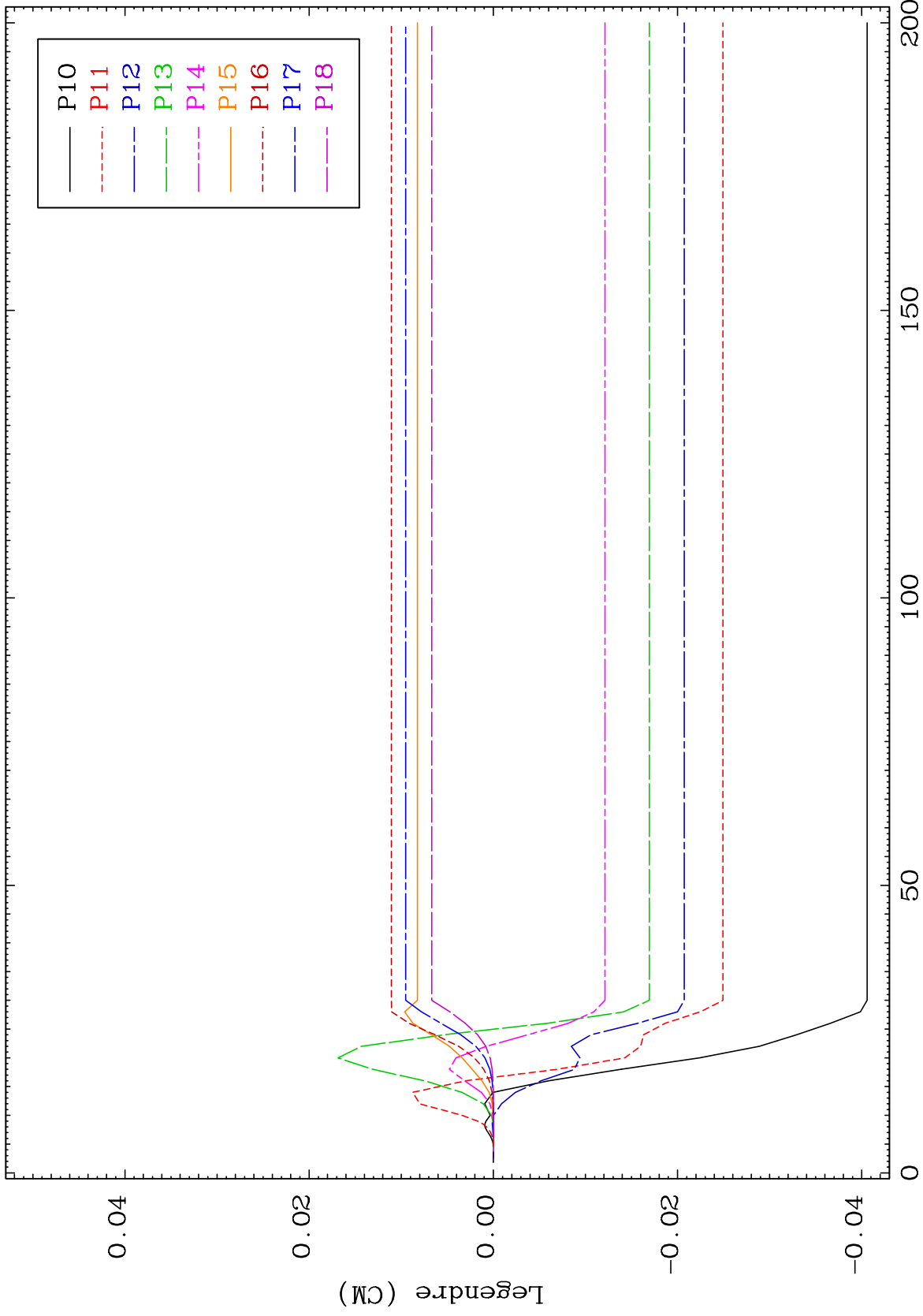
41-Nb-97



MAT 4137

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

41-Nb-97



29

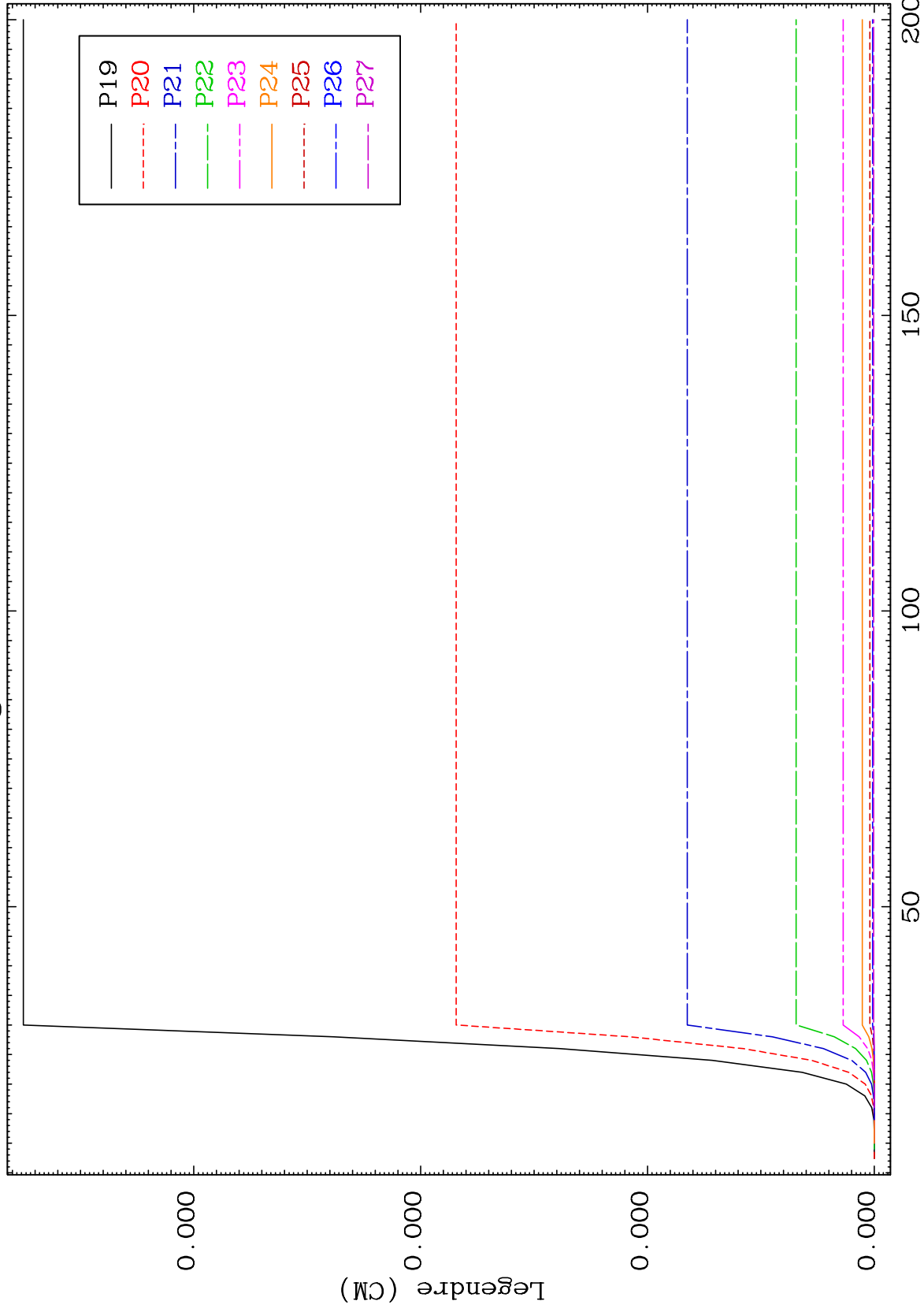
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



30

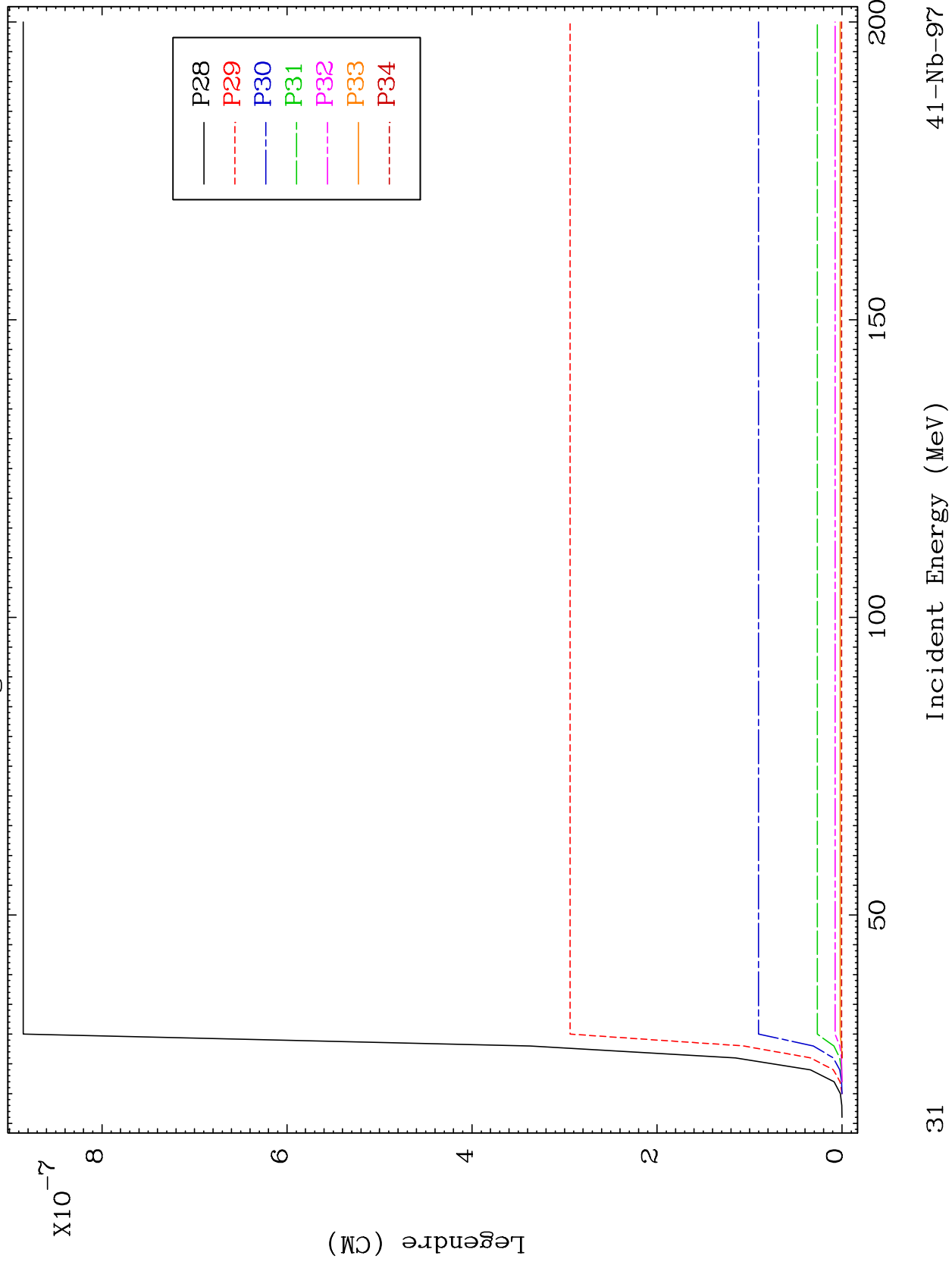
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

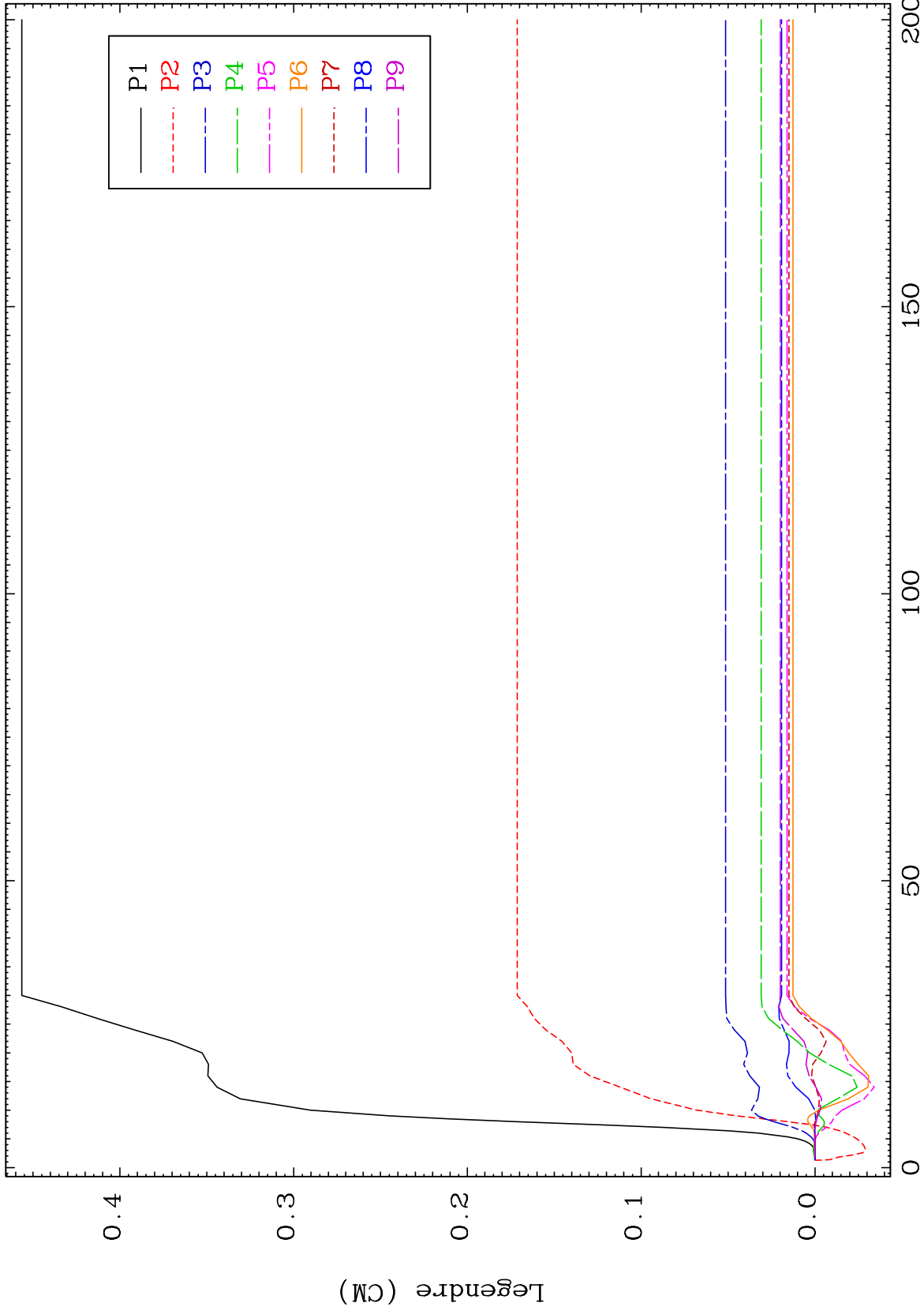
41-Nb-97



MAT 4137

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

41-Nb-97



32

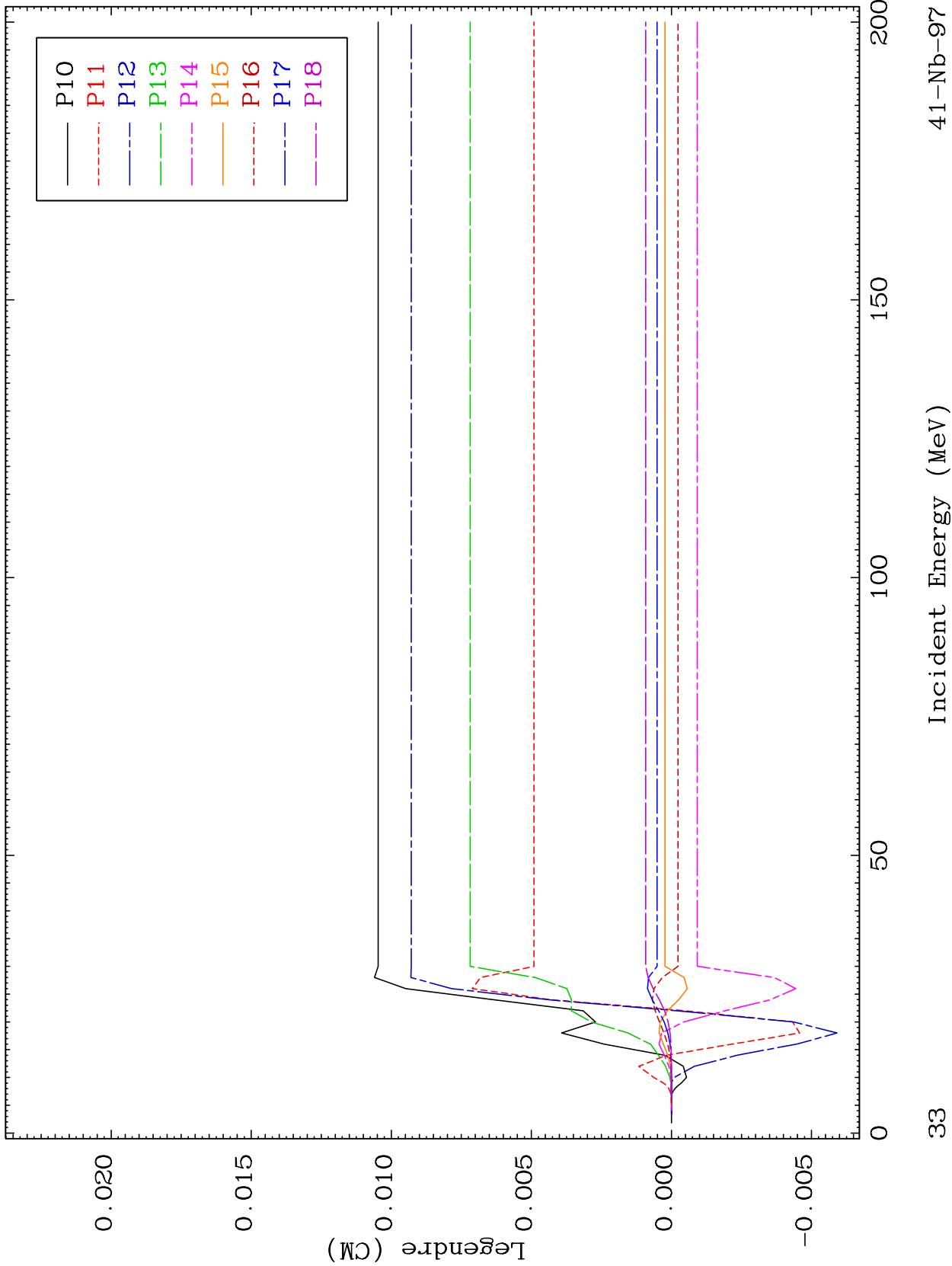
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97

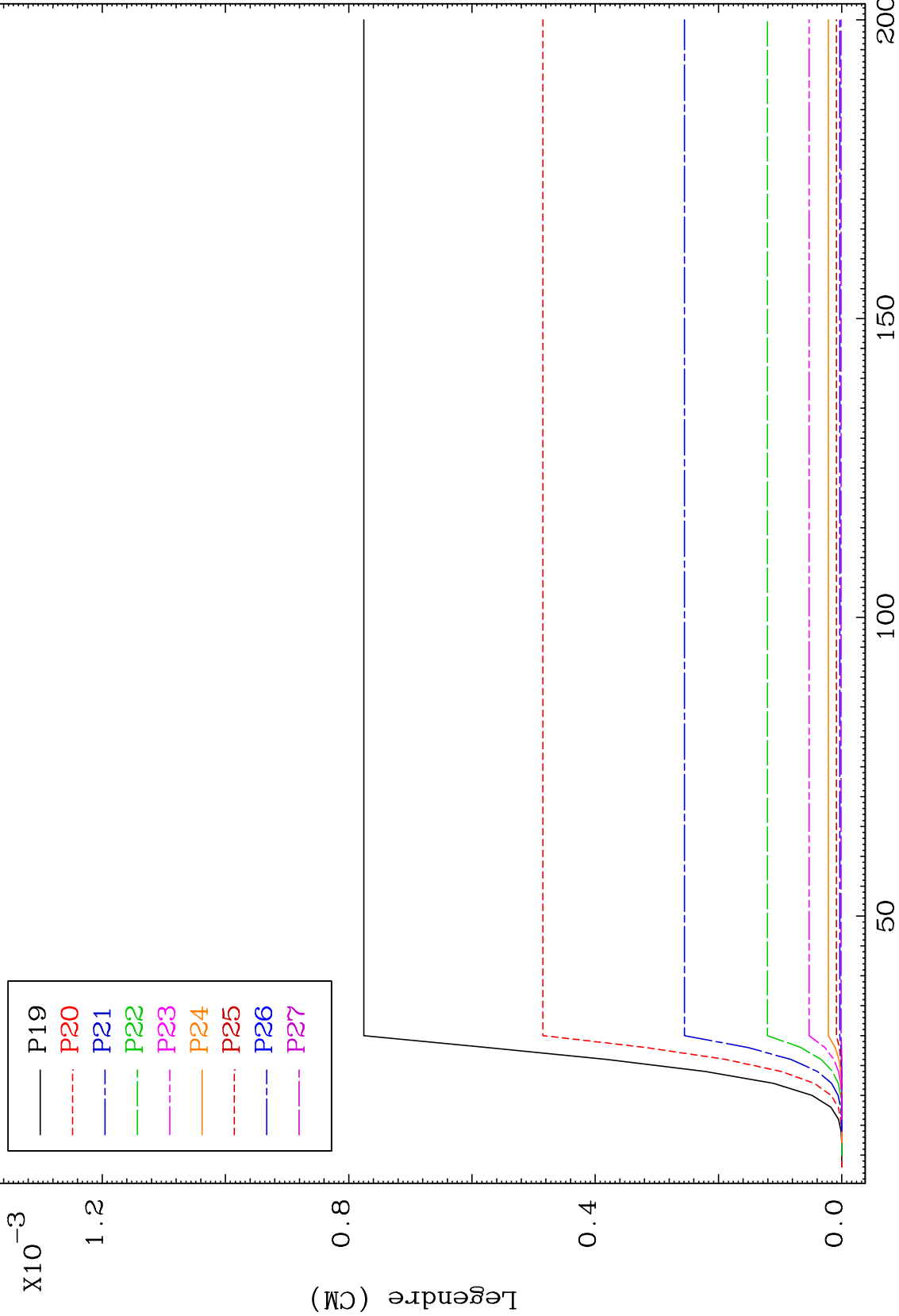
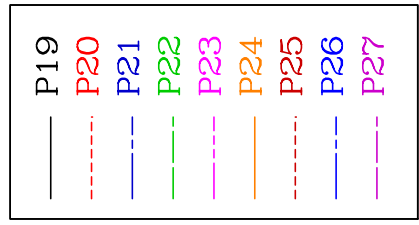


33

MAT 4137

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

41-Nb-97



34

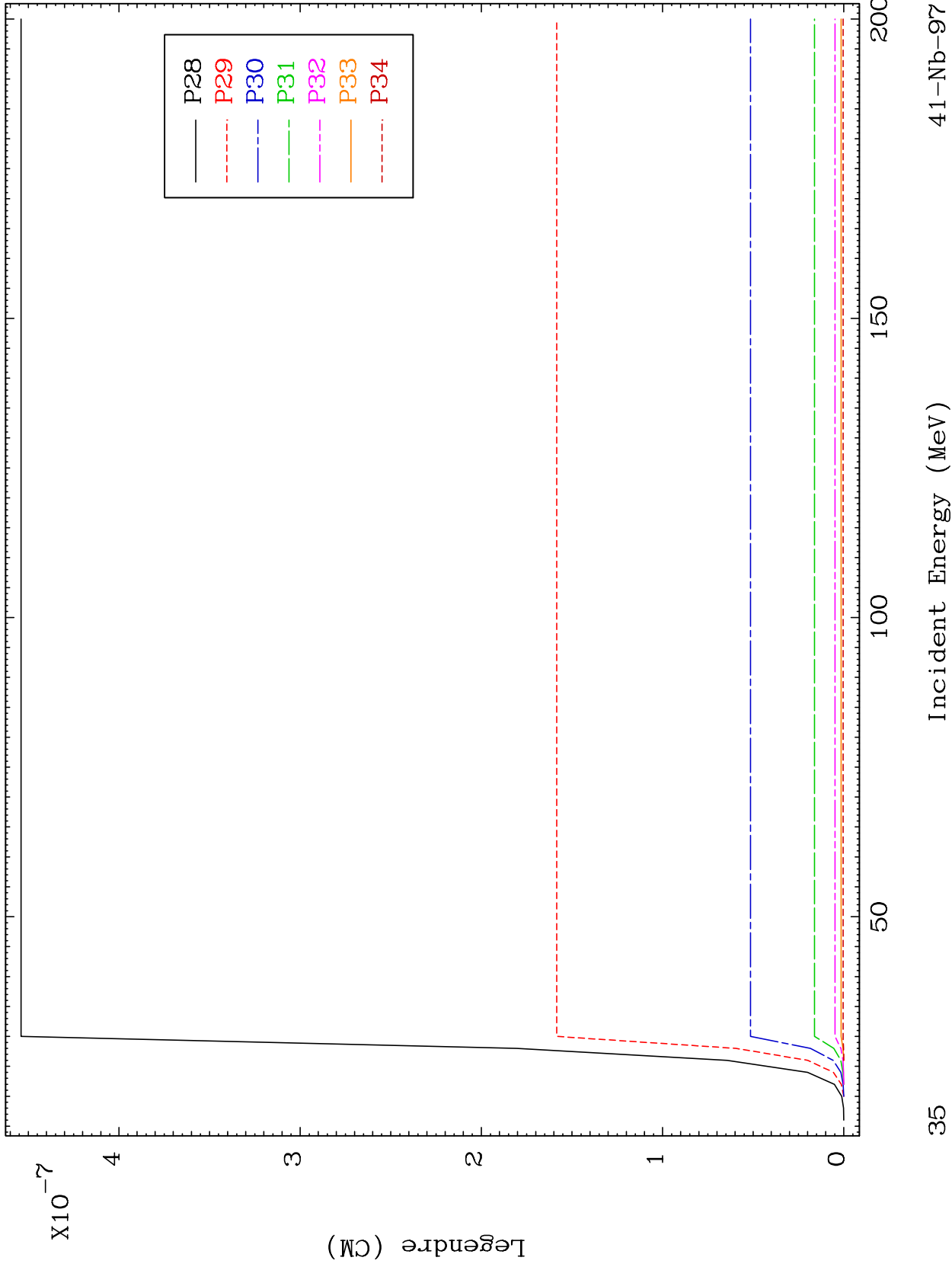
Incident Energy (MeV)

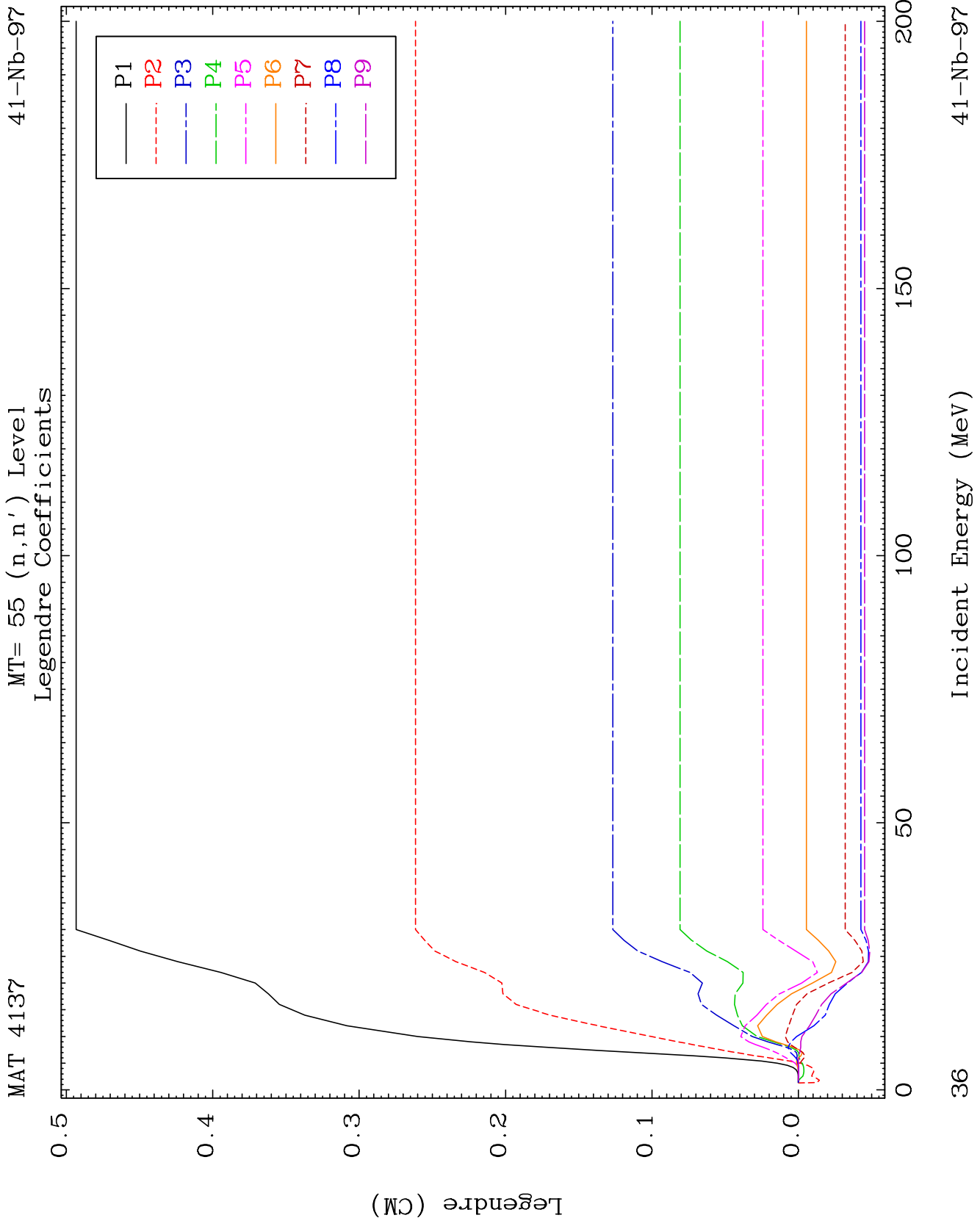
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MAT 4137

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

41-Nb-97

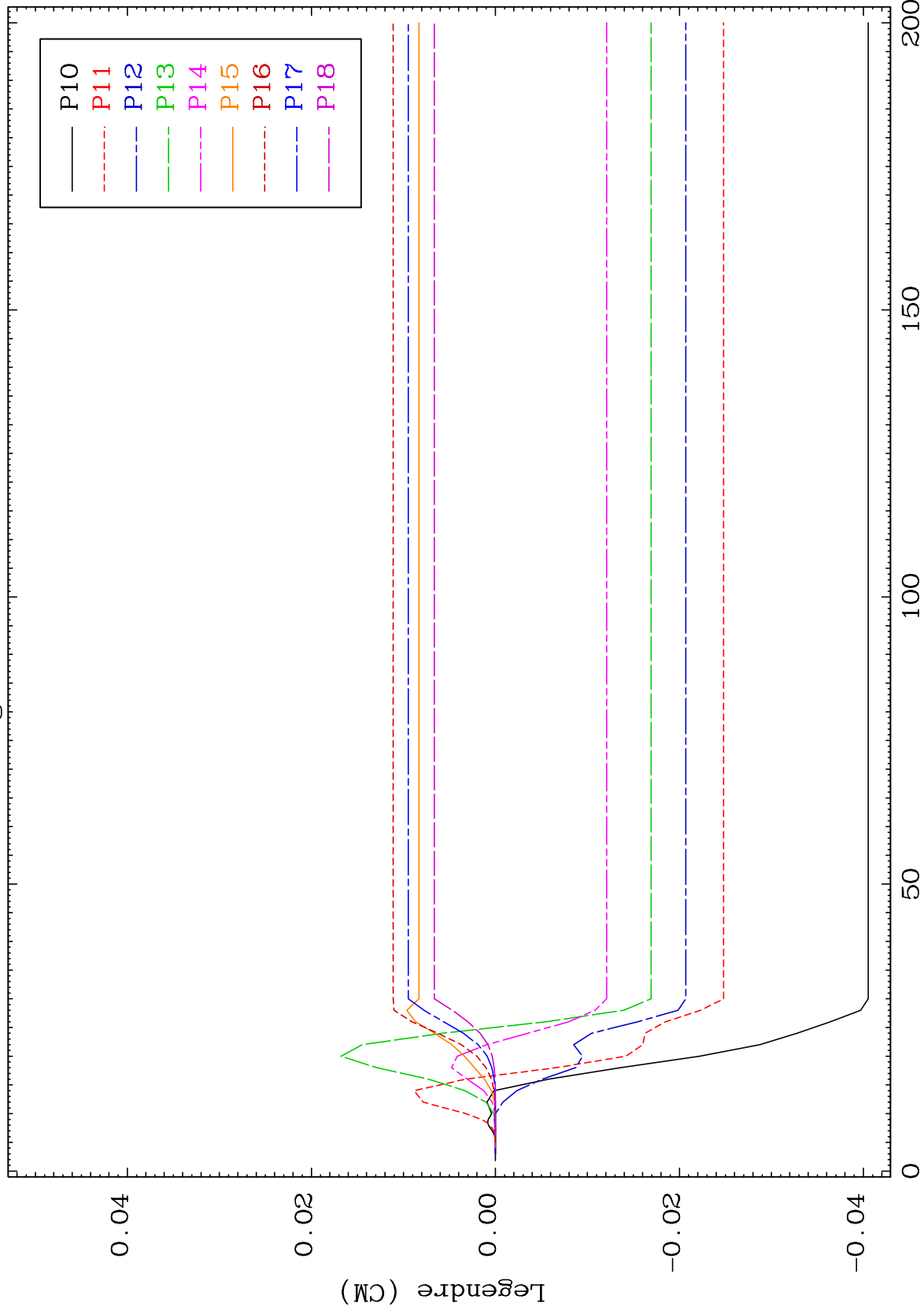




MAT 4137

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

41-Nb-97



37

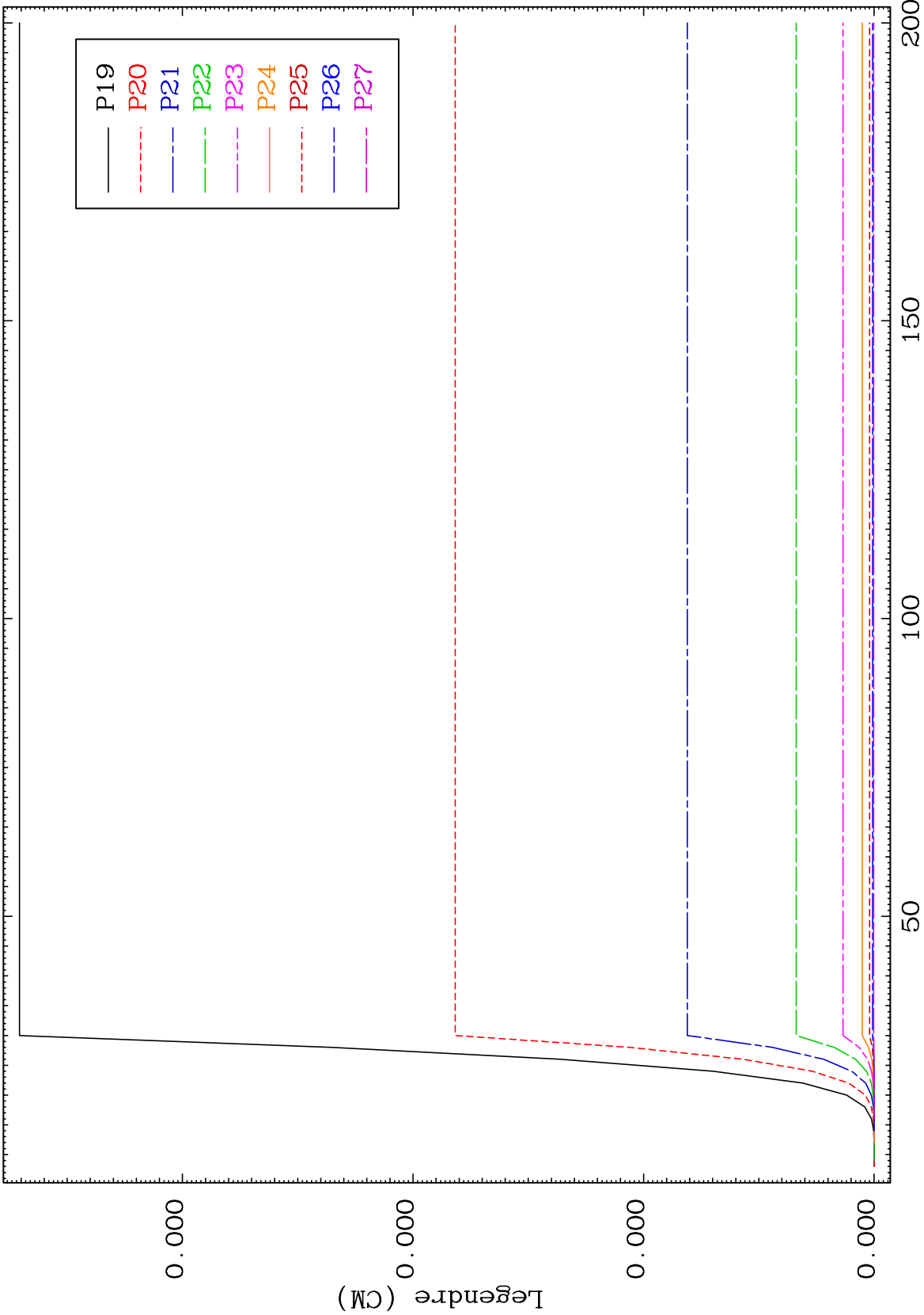
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



38

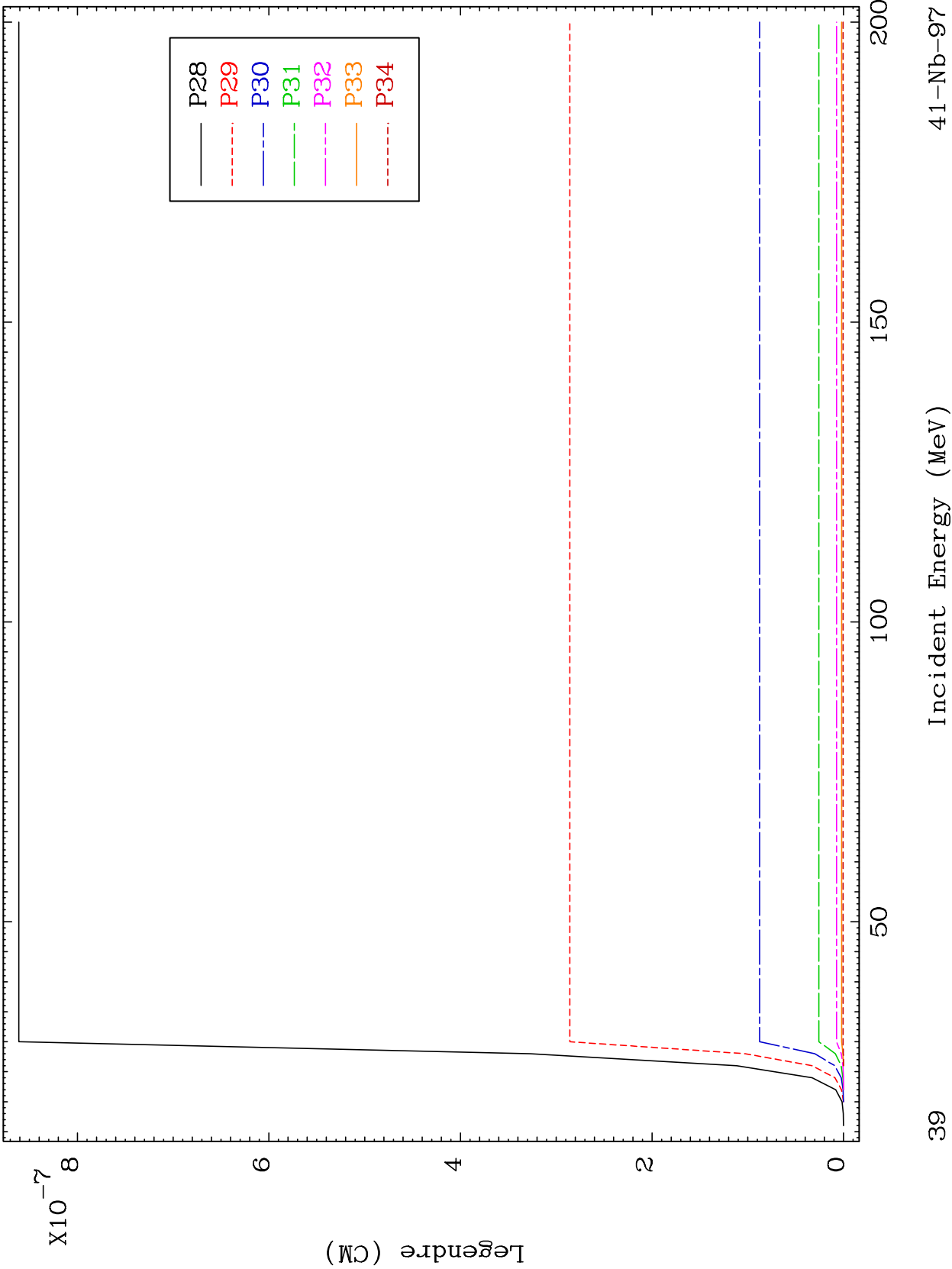
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



39

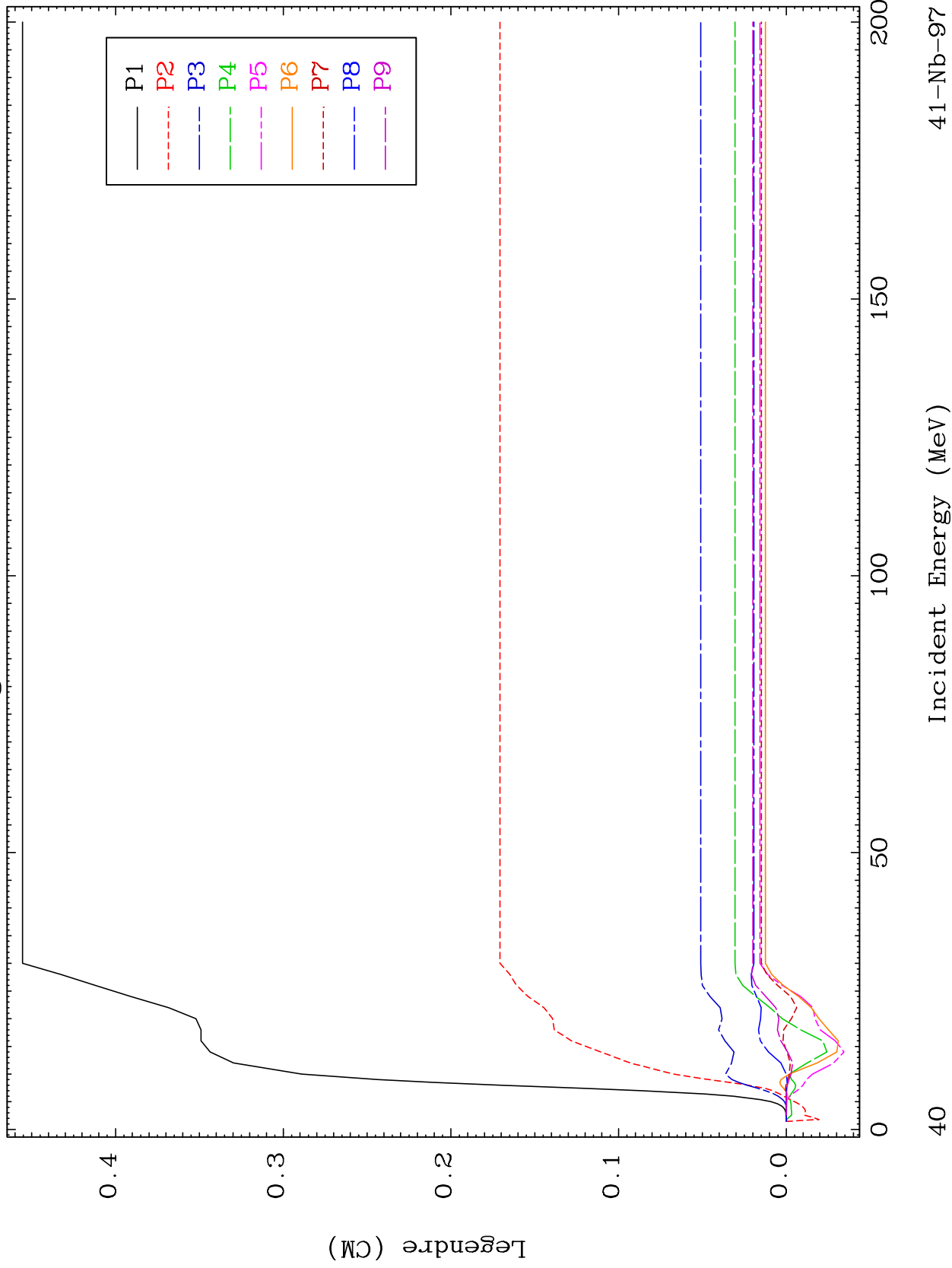
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



41-Nb-97

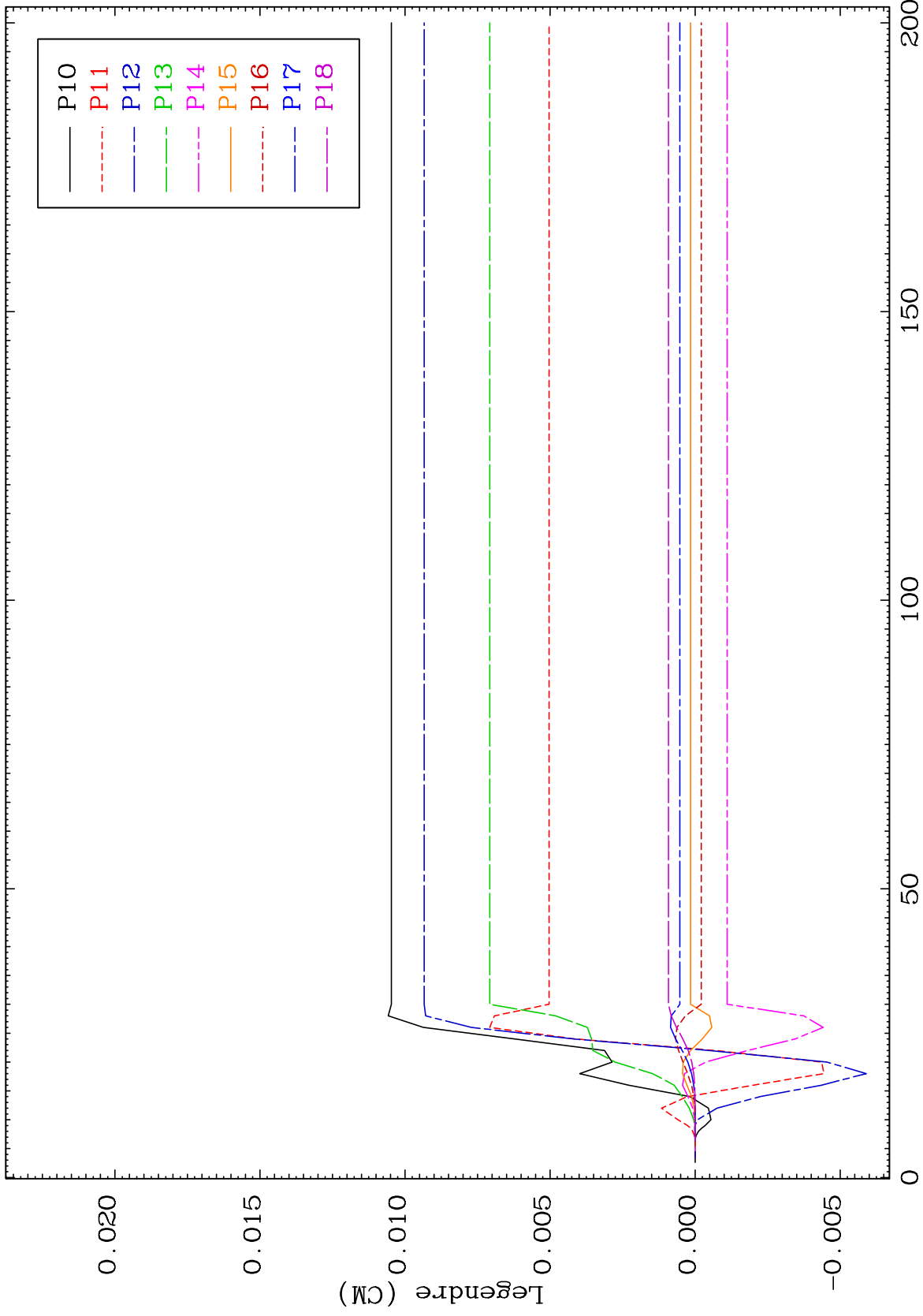
Incident Energy (MeV)

40

MAT 4137

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

41-Nb-97



41

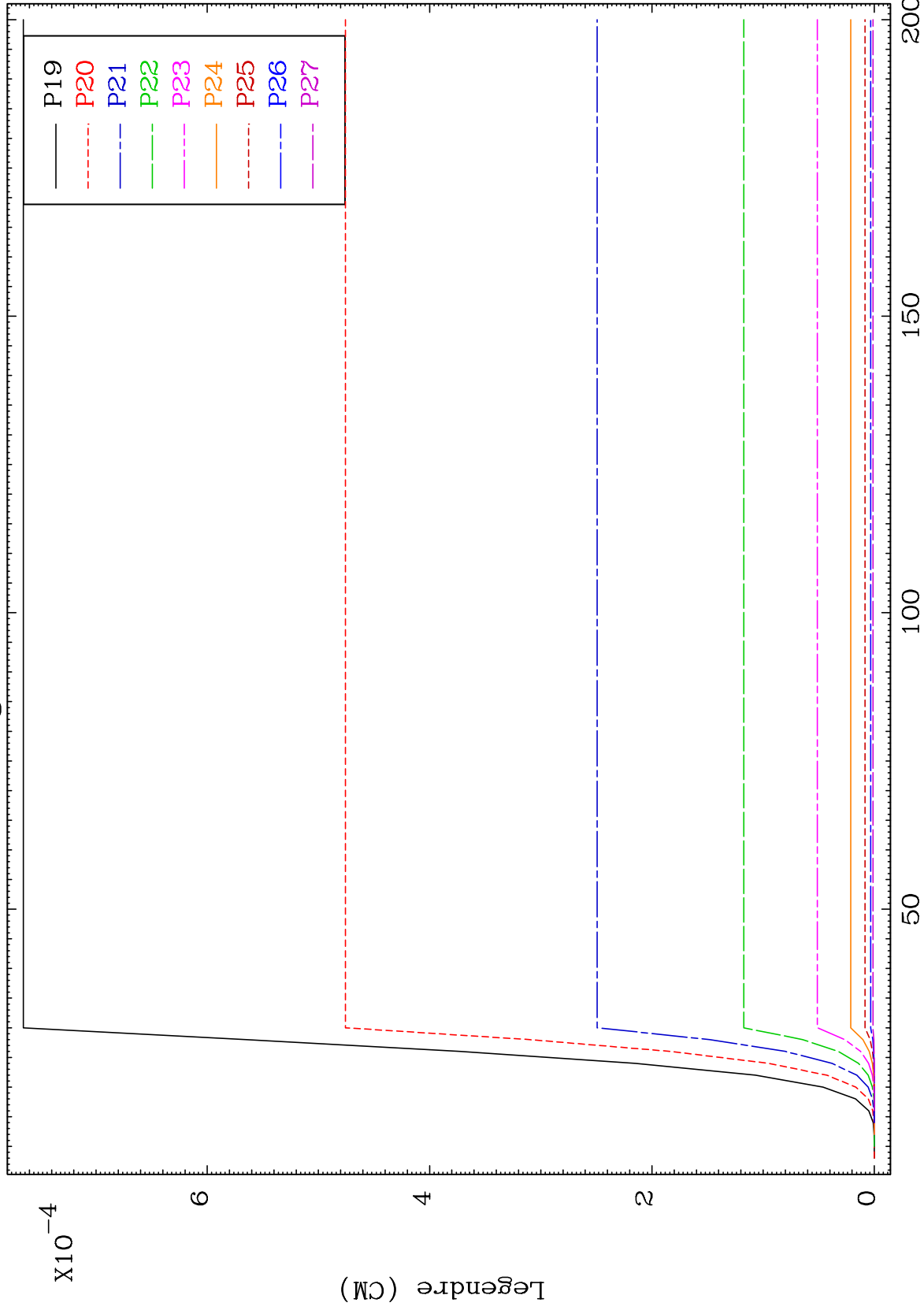
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



42

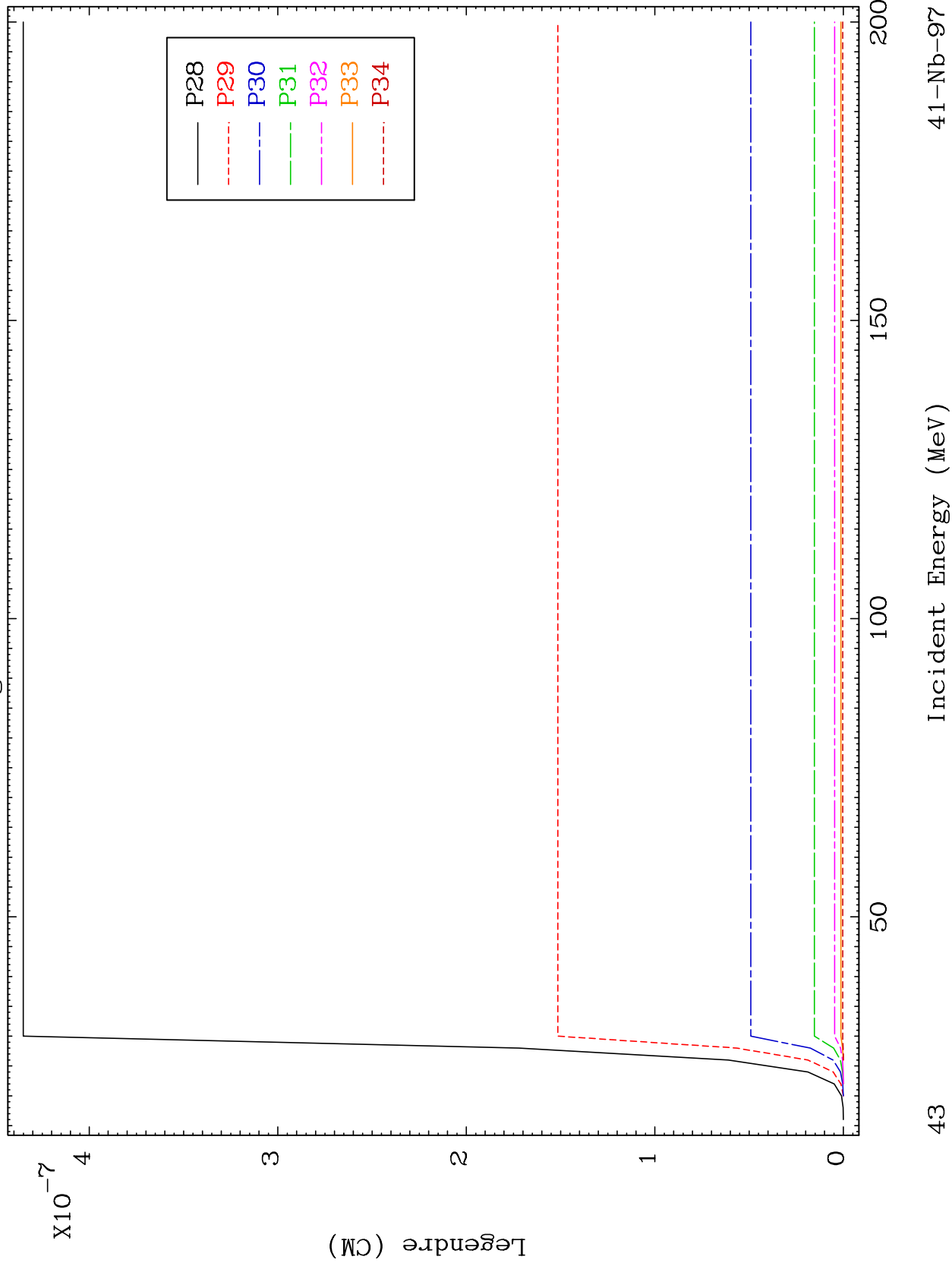
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

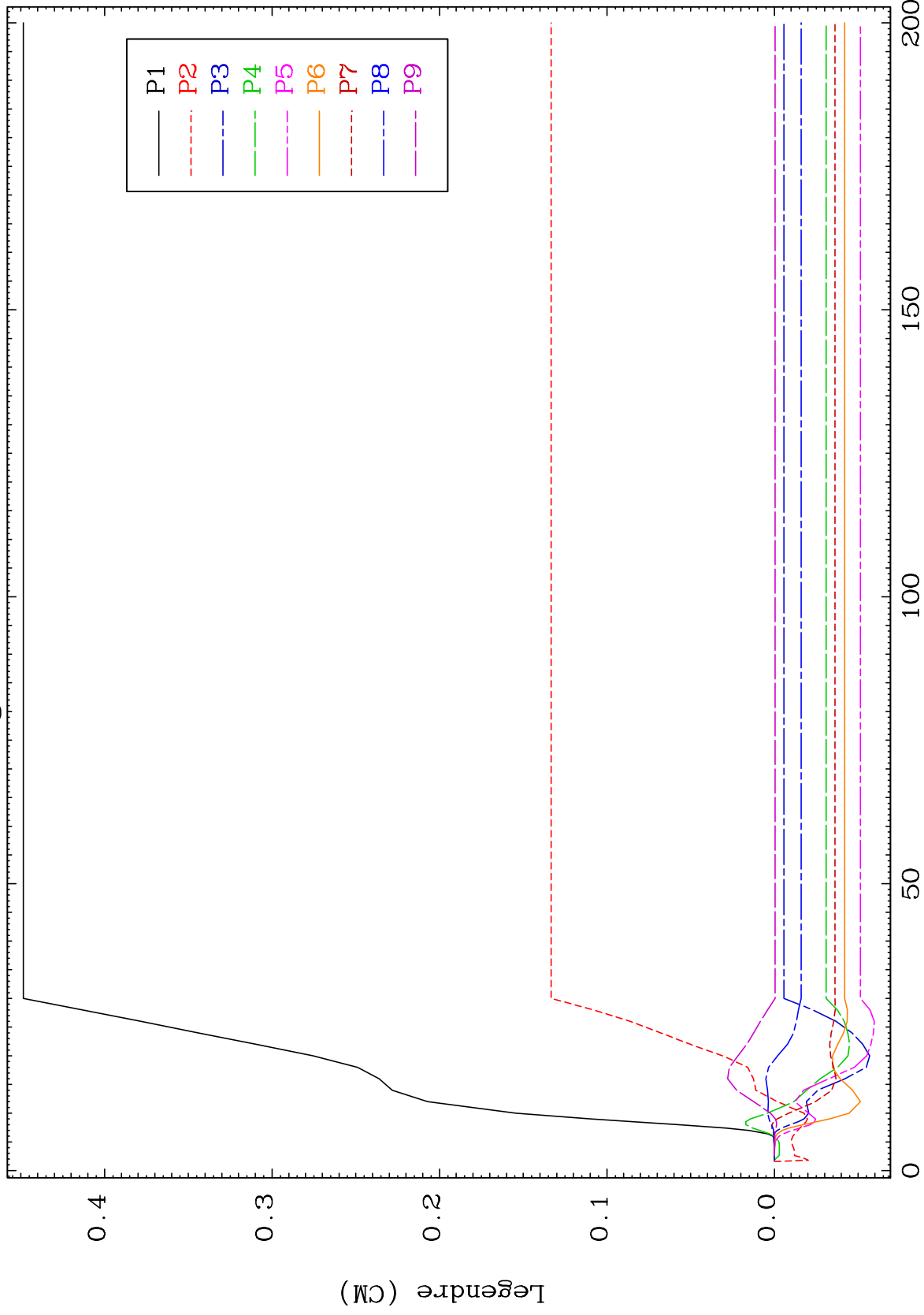
41-Nb-97



MAT 4137

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

41-Nb-97



44

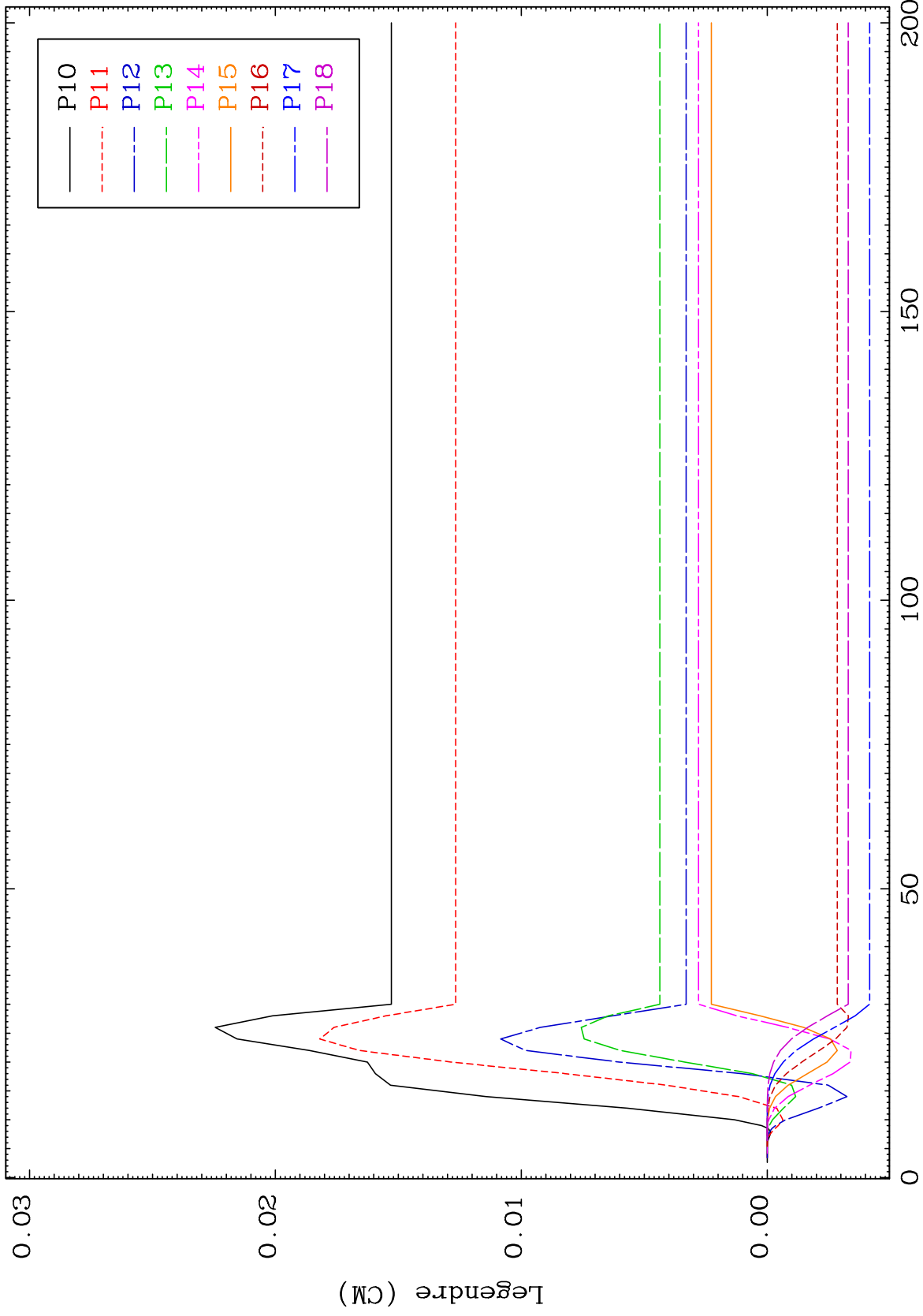
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



45

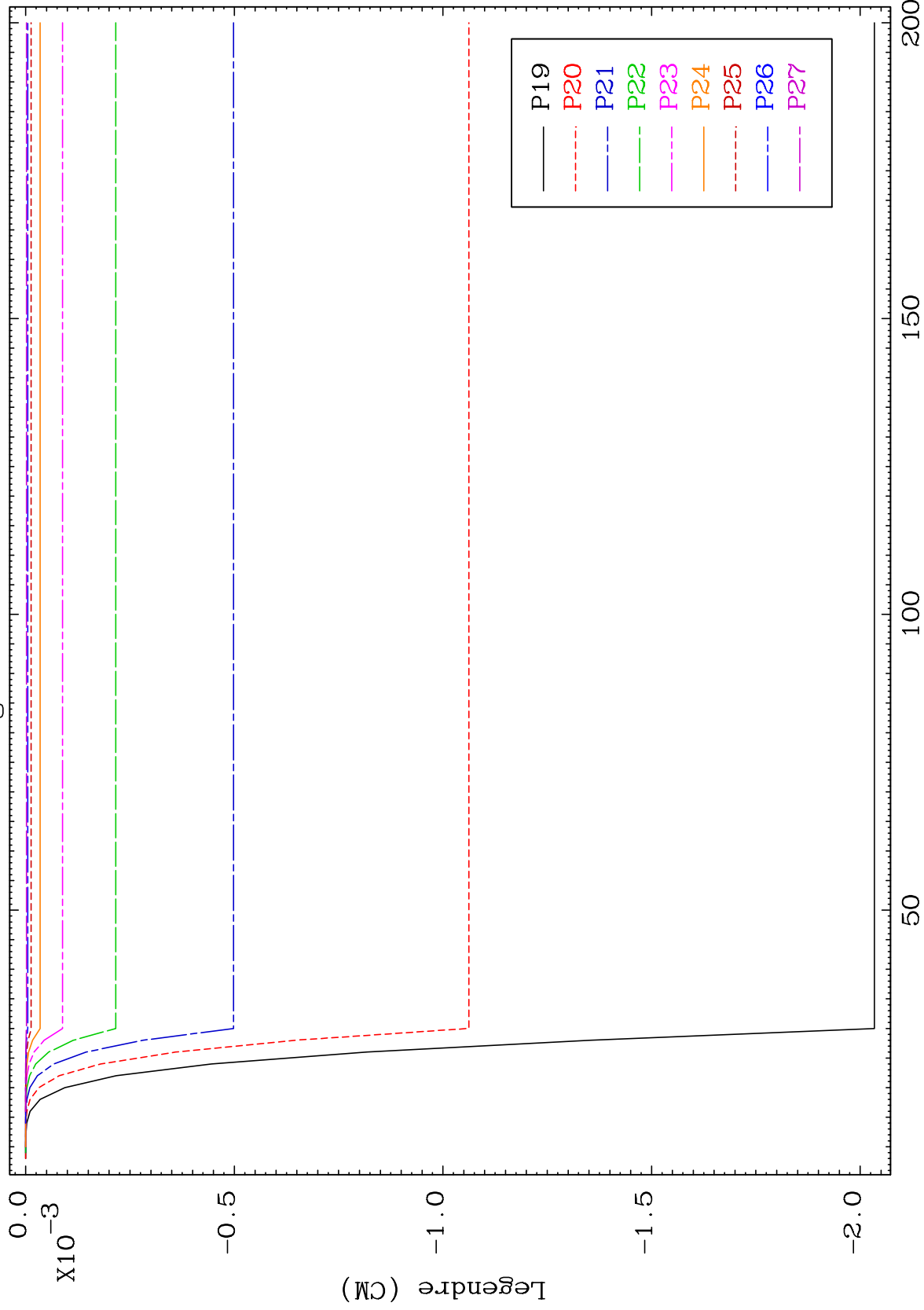
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



46

Incident Energy (MeV)

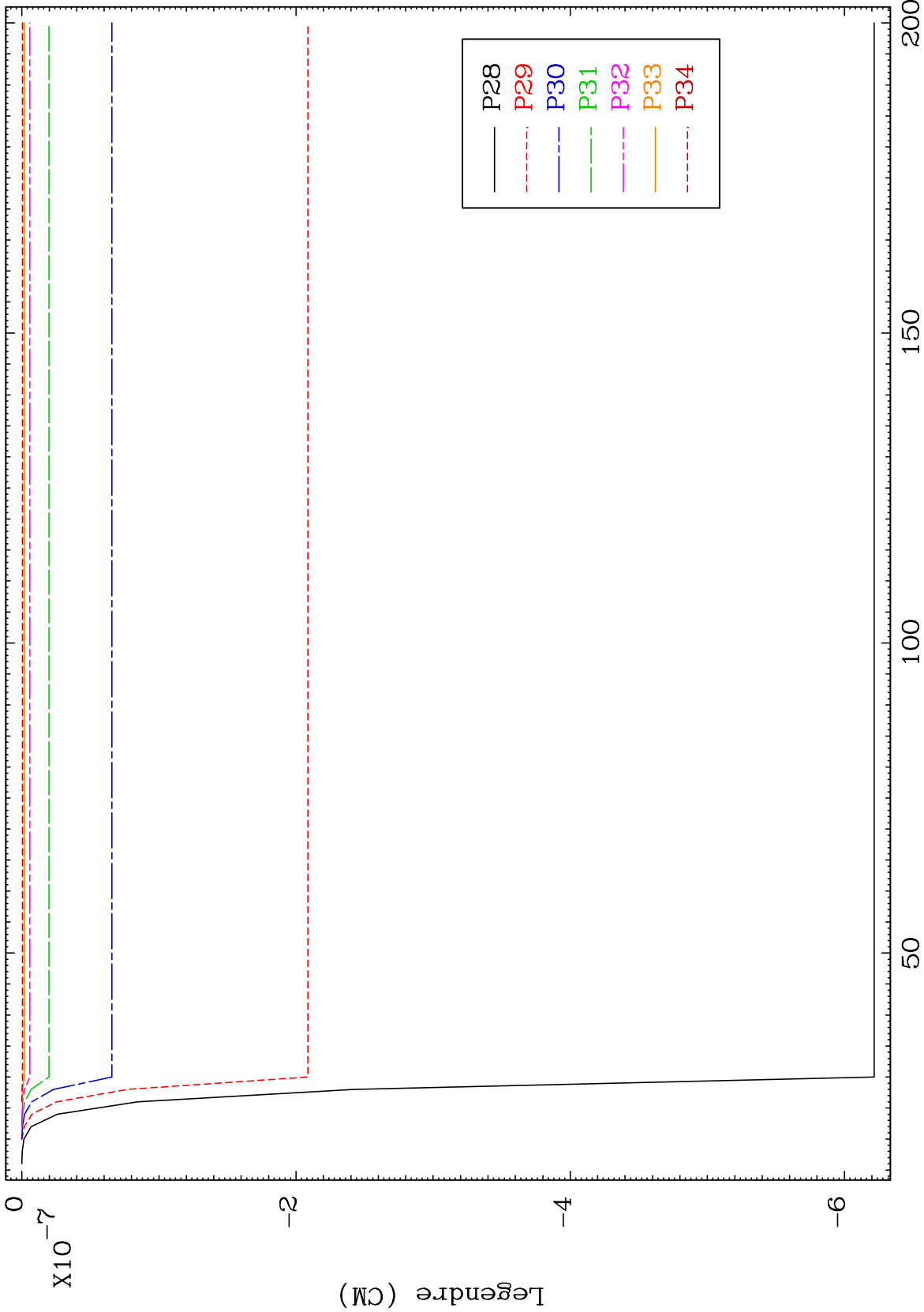
41-Nb-97

MAT 4137

MT= 57 (n,n') Level

41-Nb-97

Legendre Coefficients



47

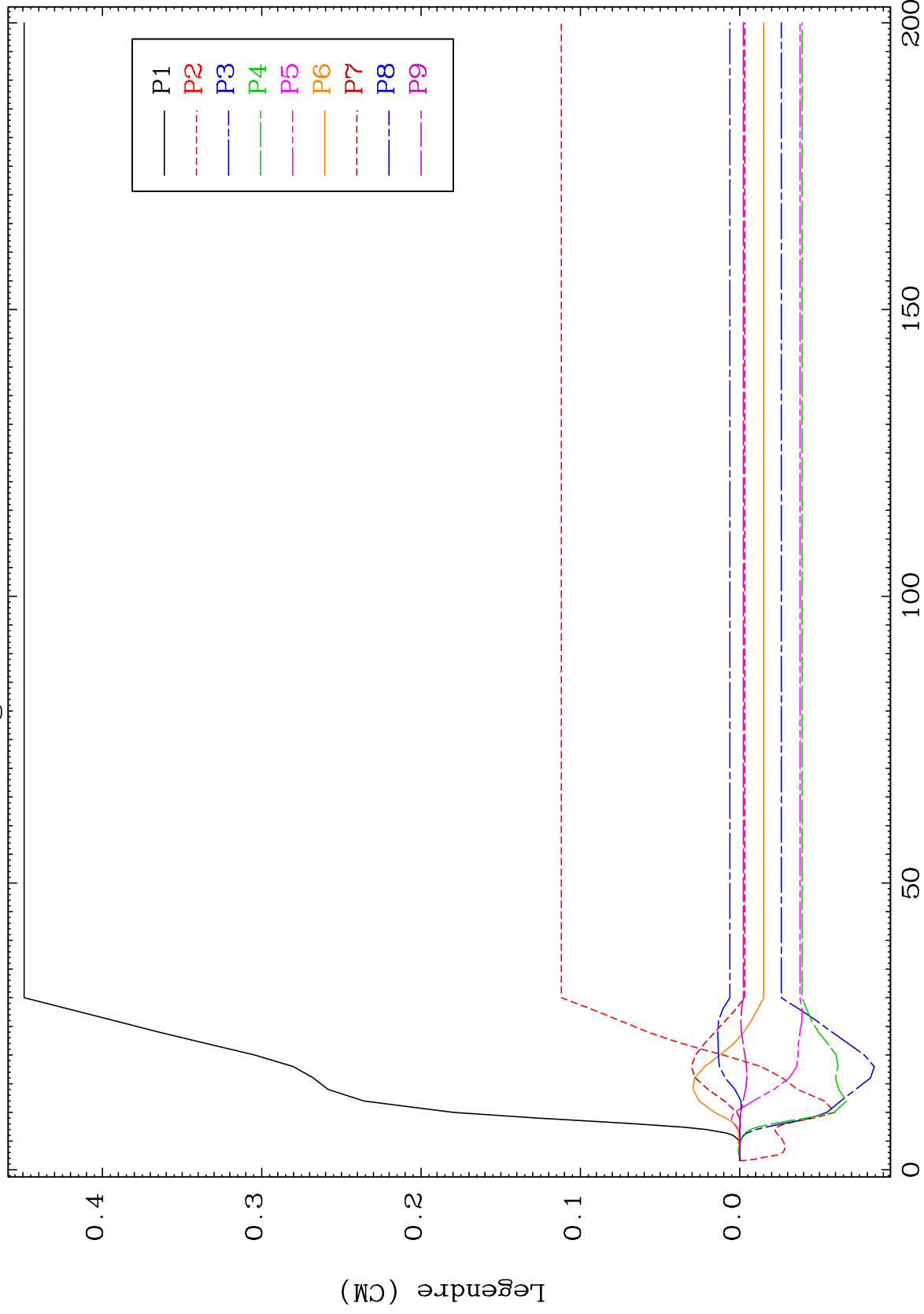
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

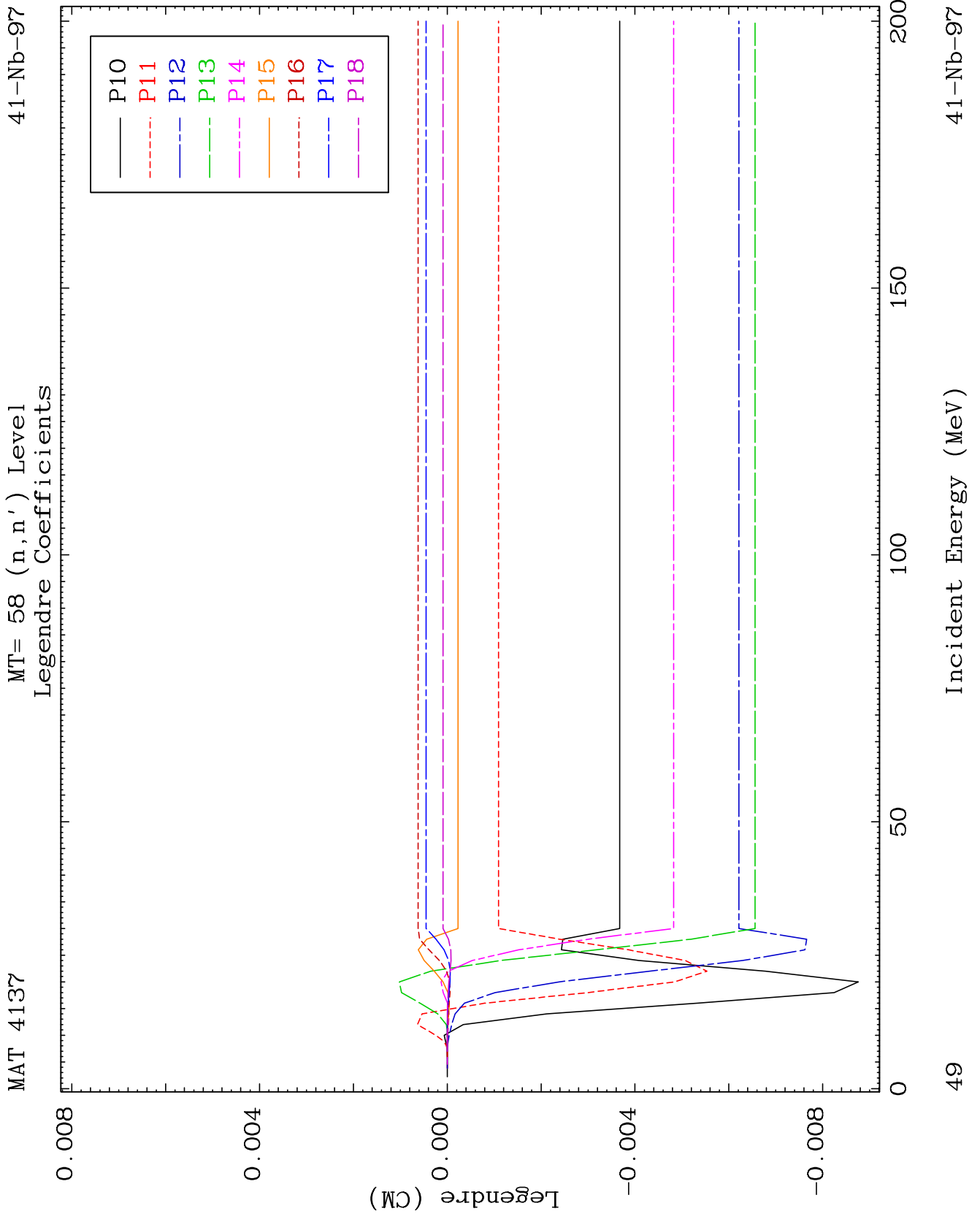
41-Nb-97



48

Incident Energy (MeV)

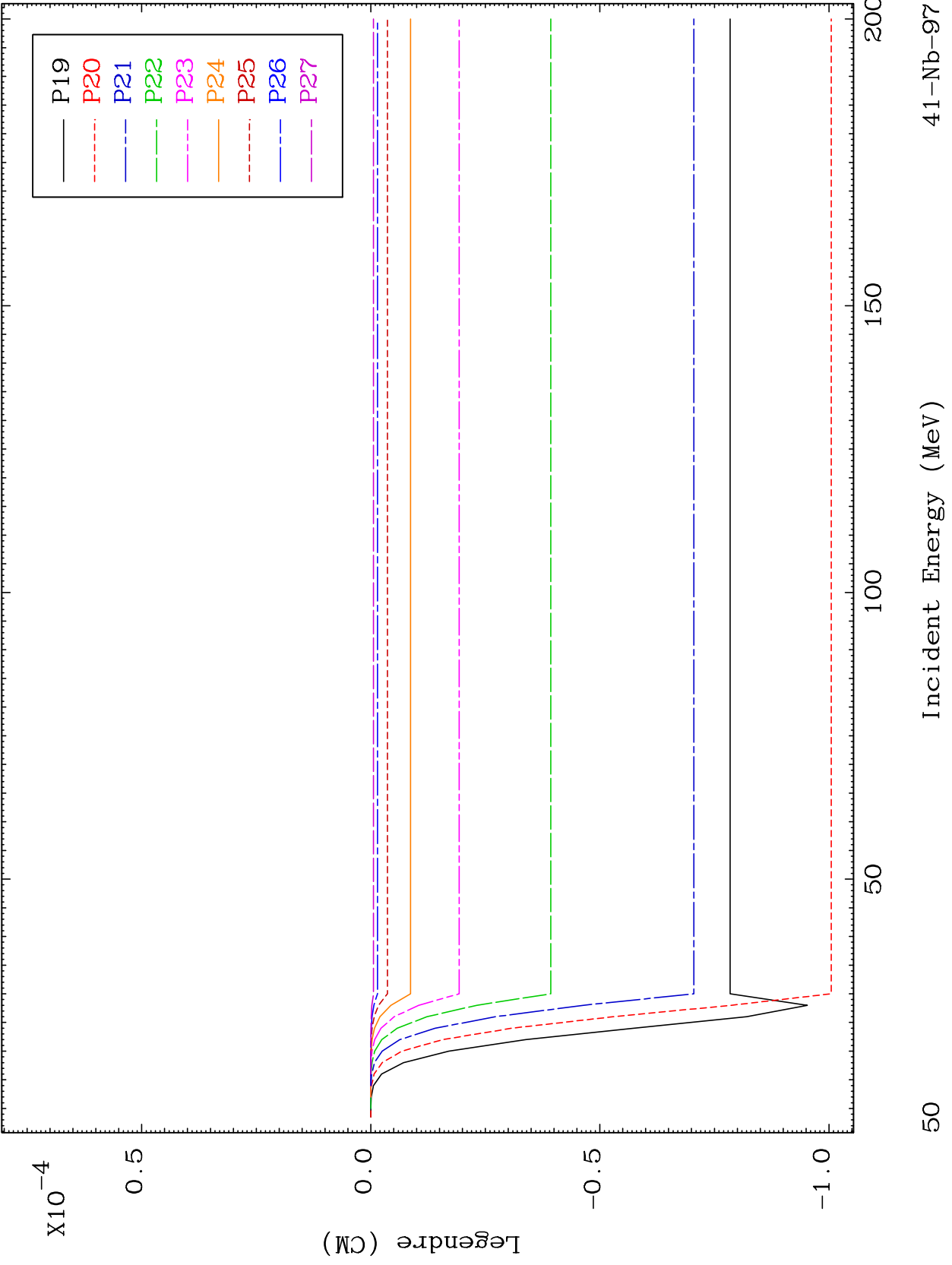
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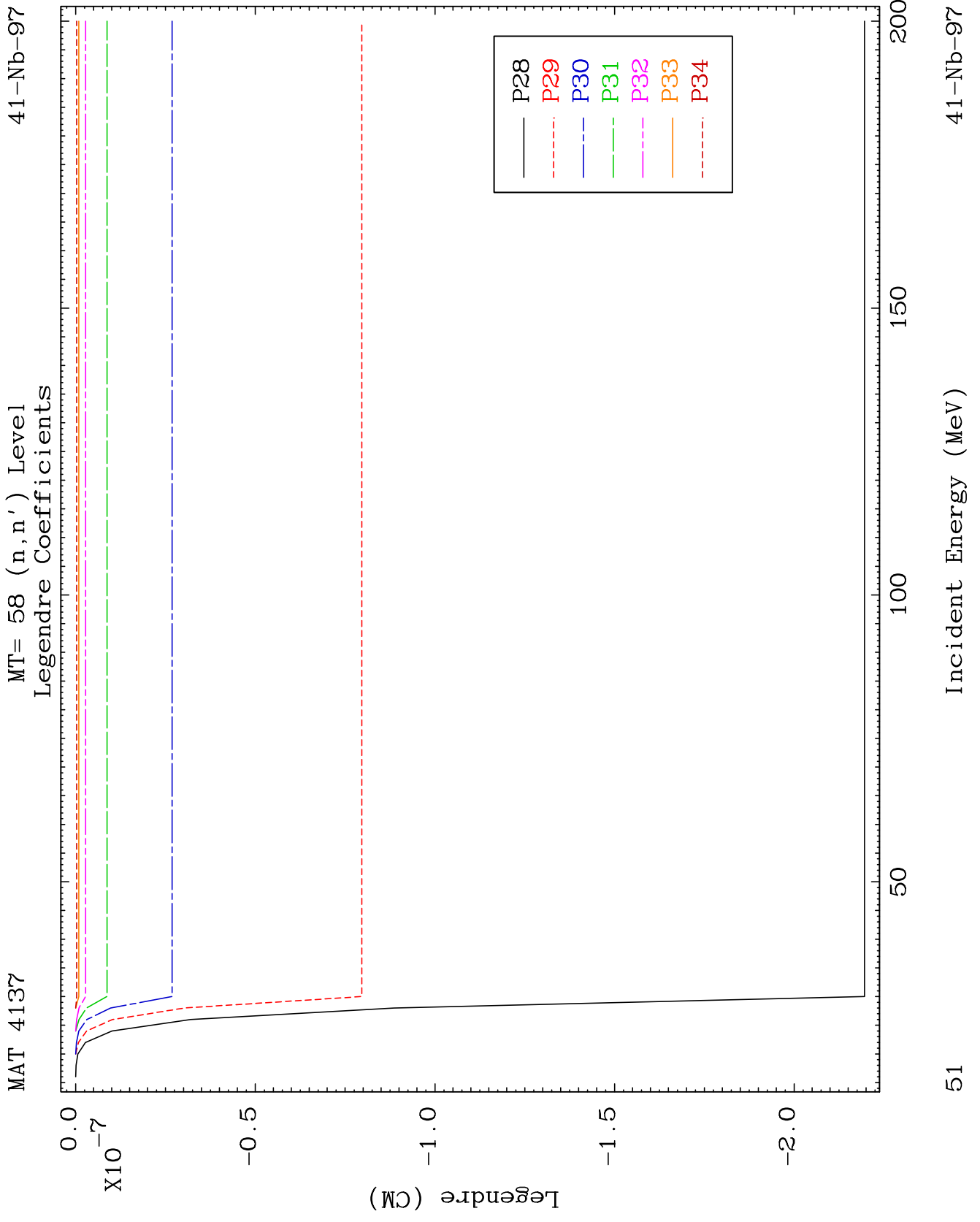


MAT 4137

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

41-Nb-97

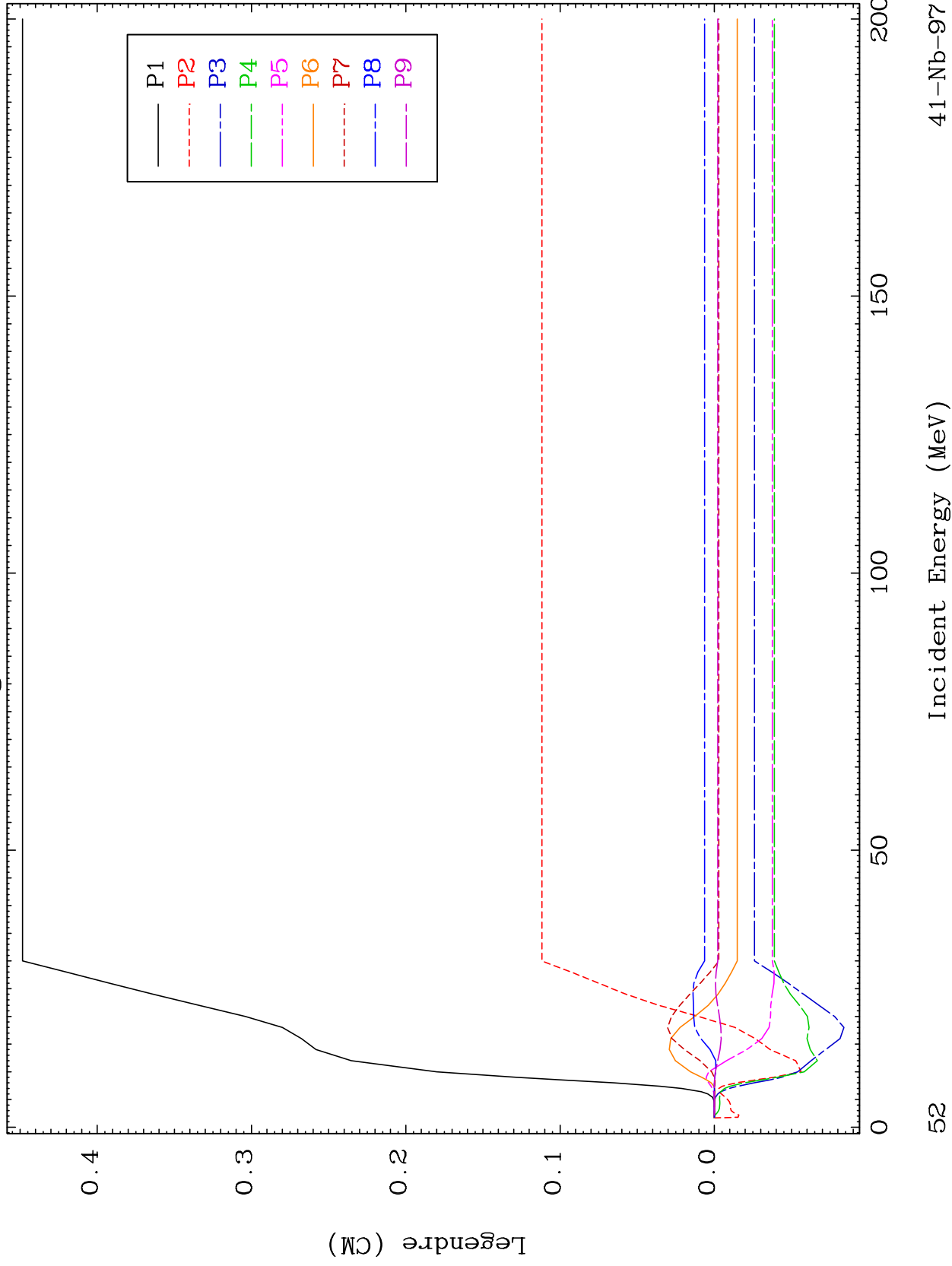




MAT 4137

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

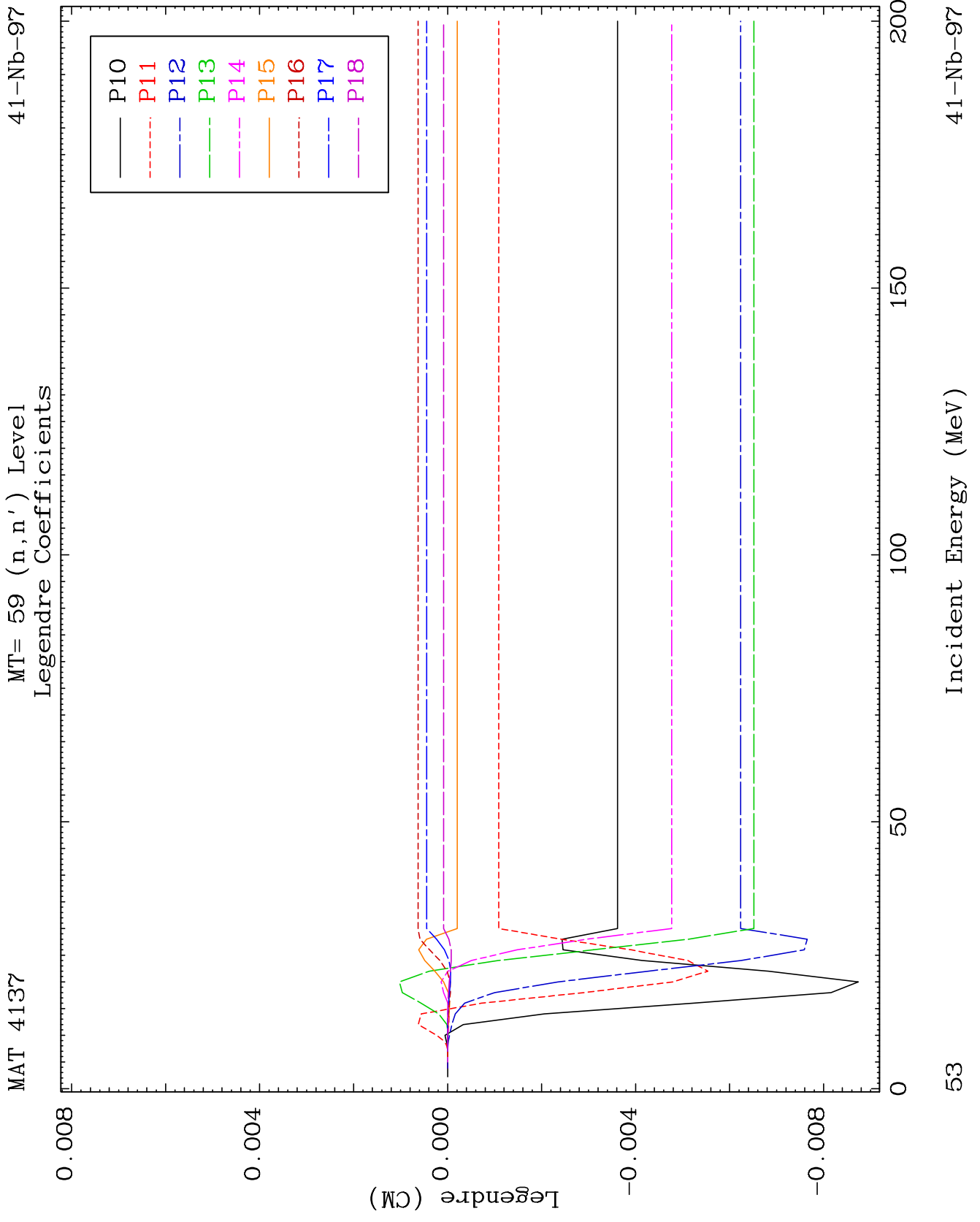
41-Nb-97



41-Nb-97

Incident Energy (MeV)

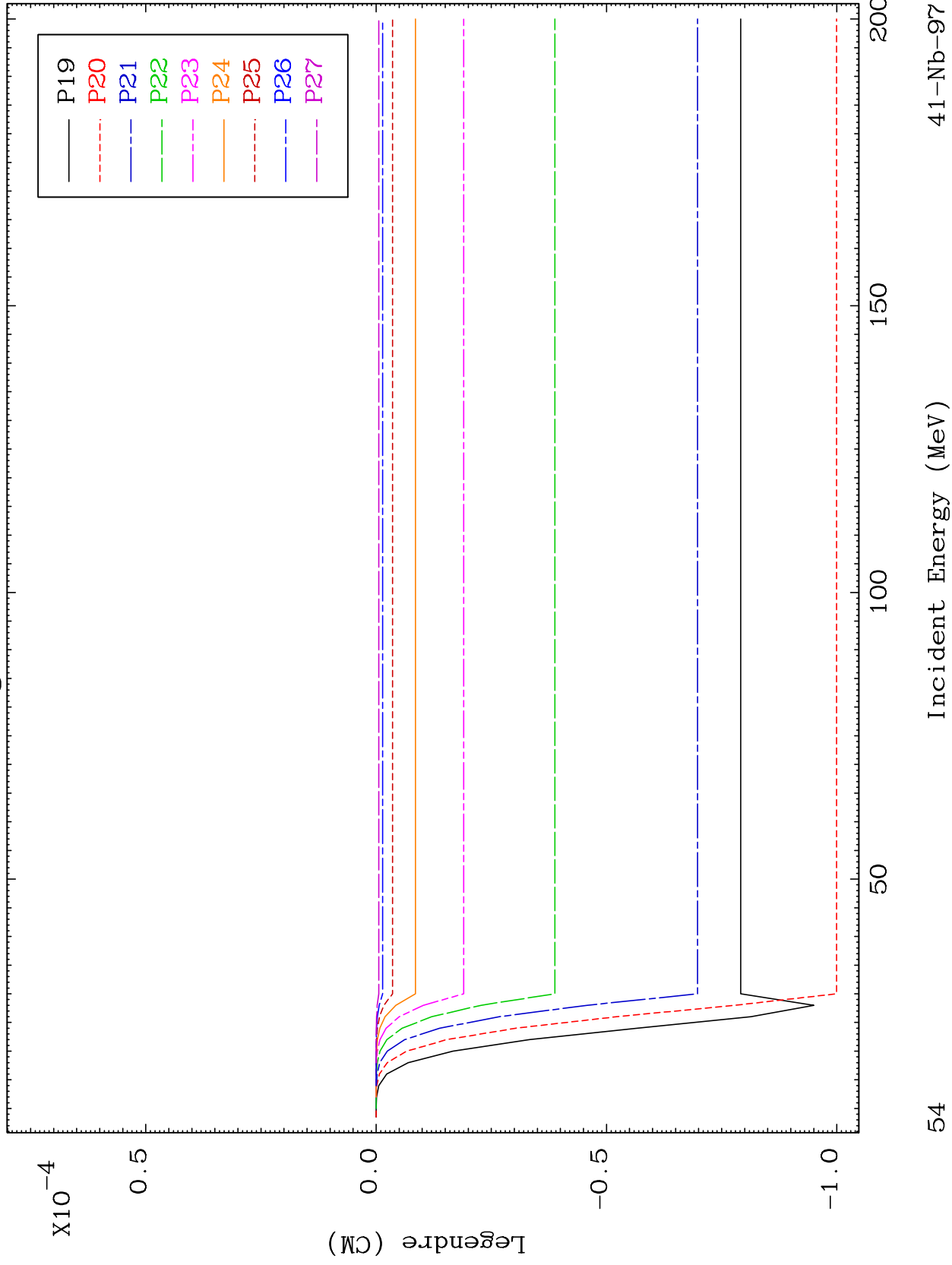
52



MAT 4137

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

41-Nb-97



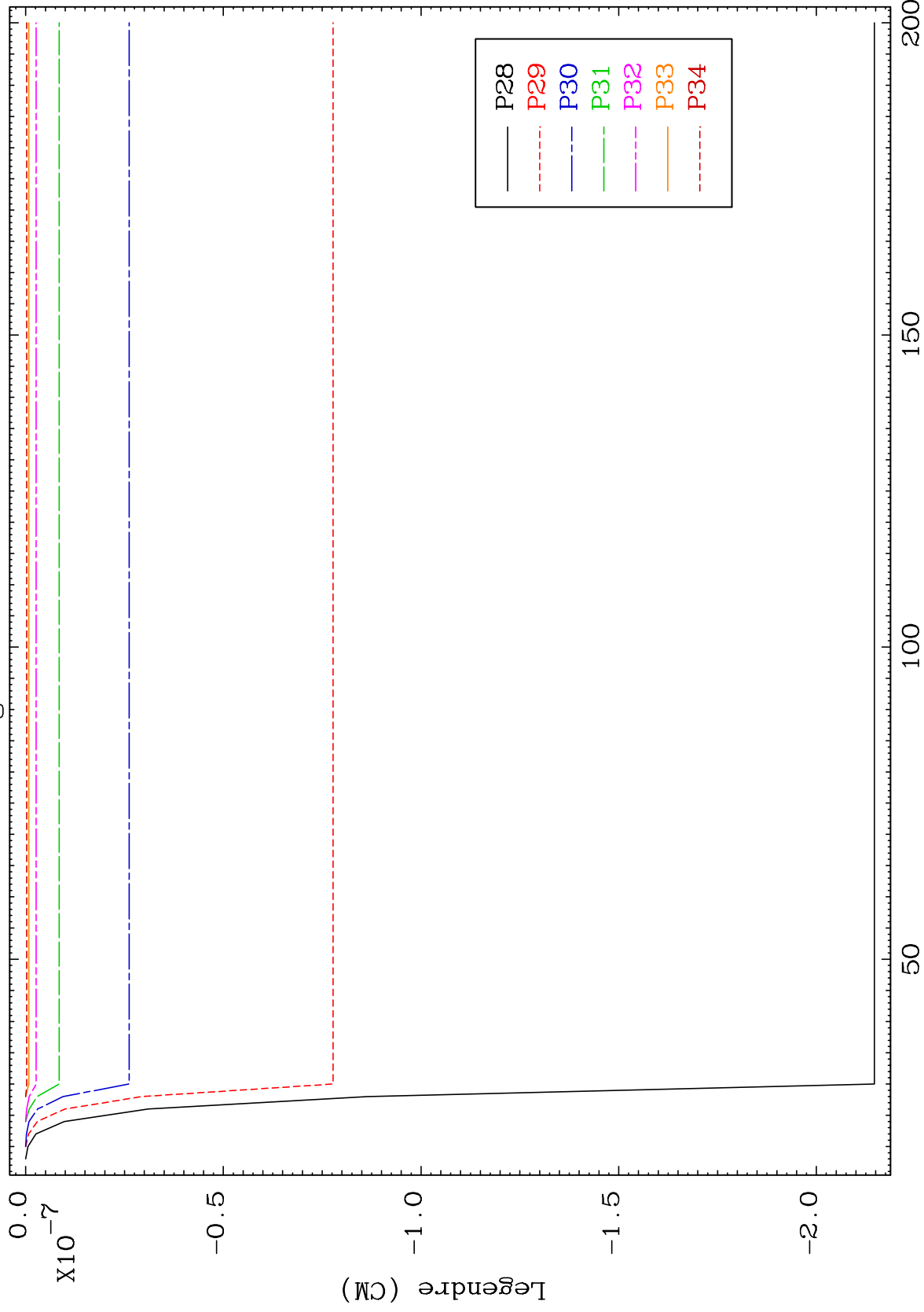
54

41-Nb-97

MAT 4137

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

41-Nb-97



55

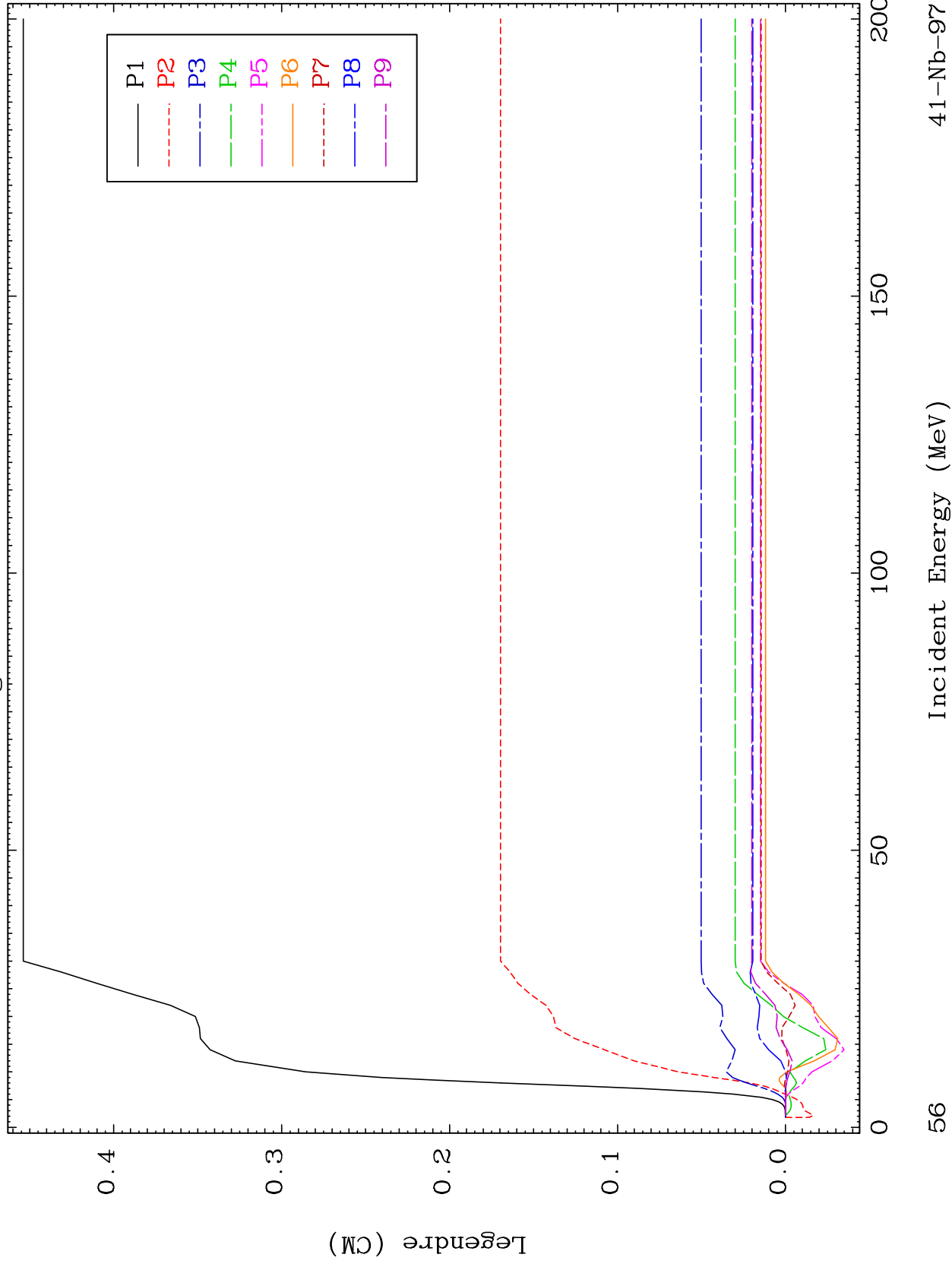
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



41-Nb-97

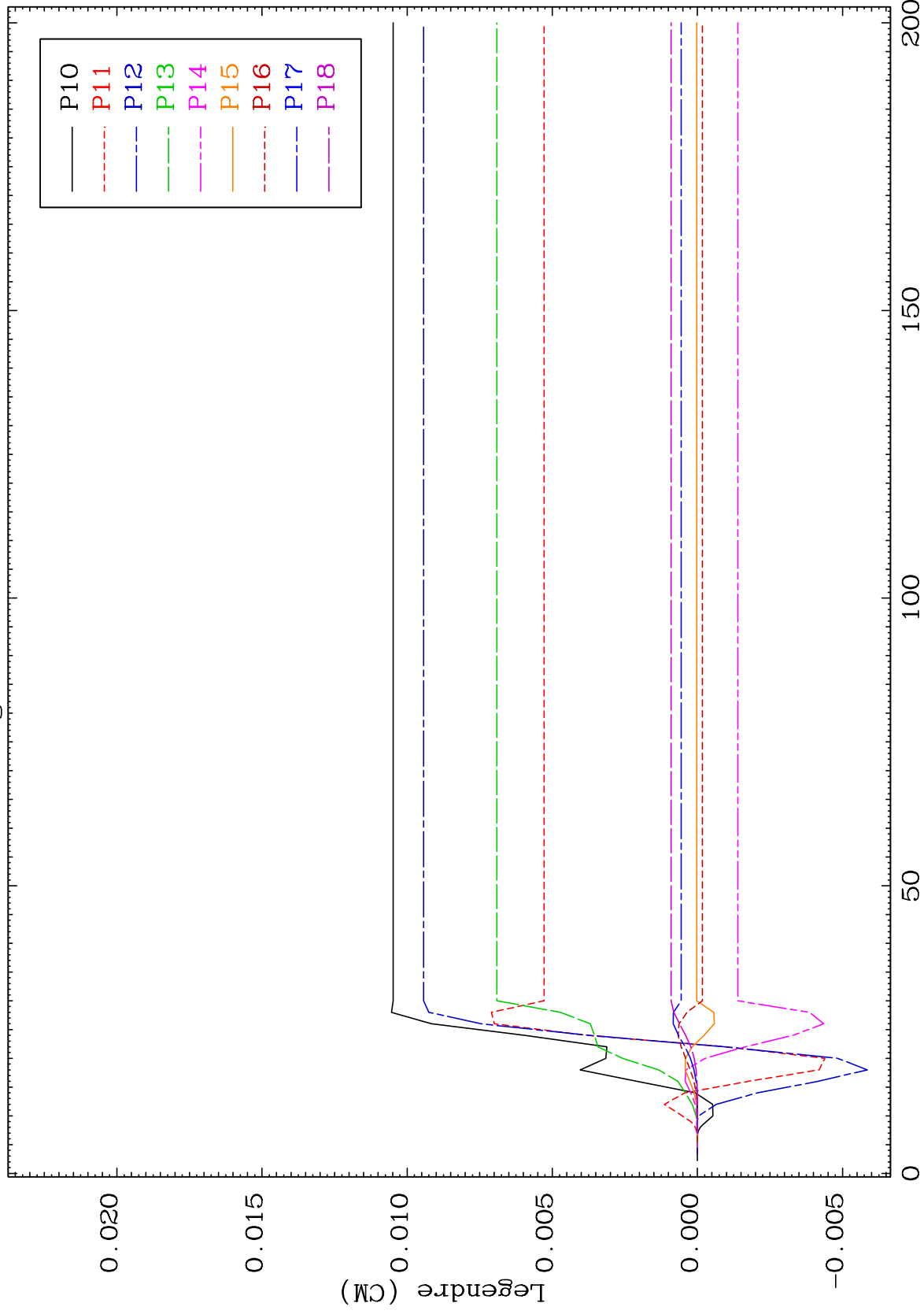
Incident Energy (MeV)

56

MAT 4137

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

41-Nb-97



57

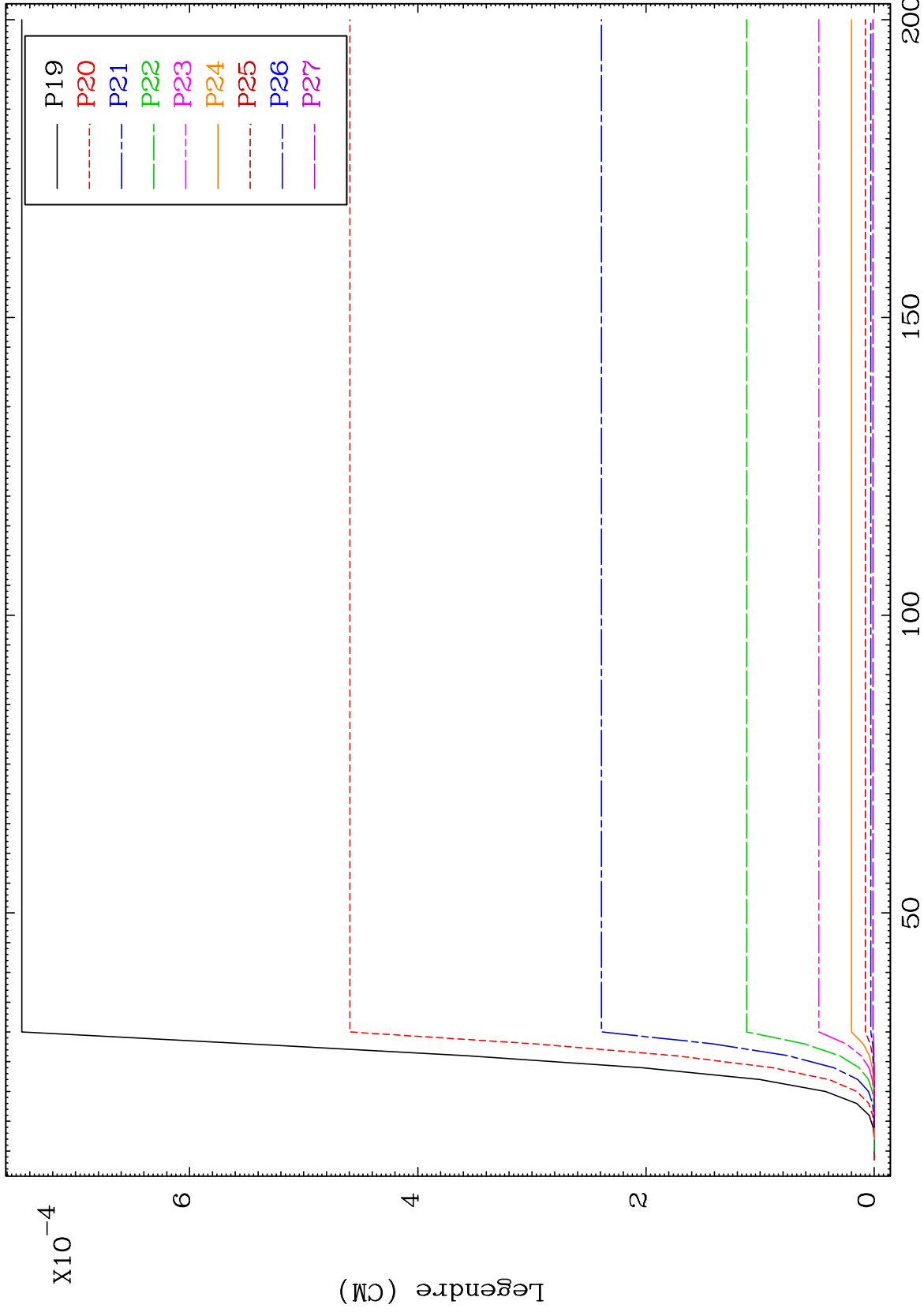
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



58

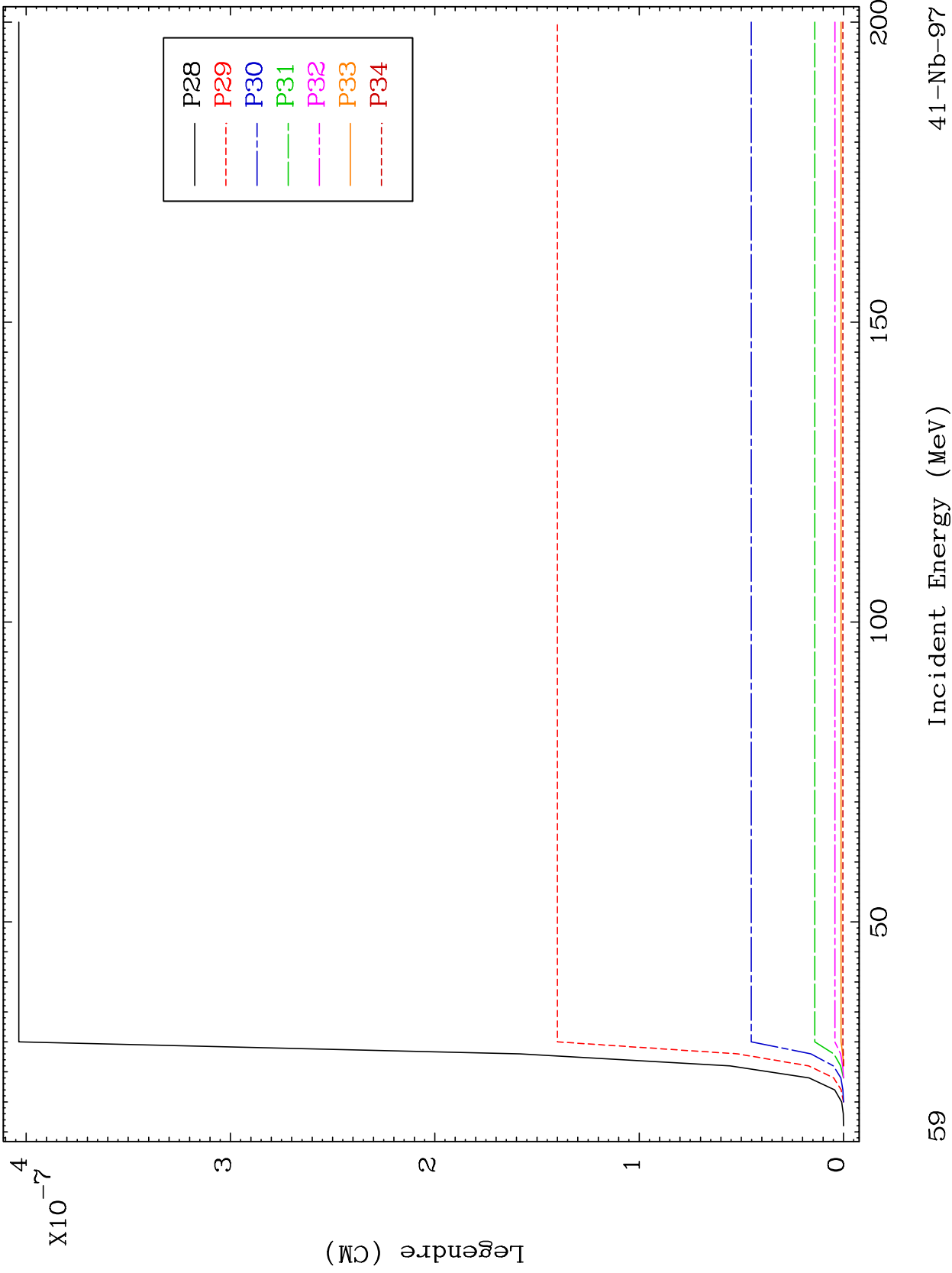
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

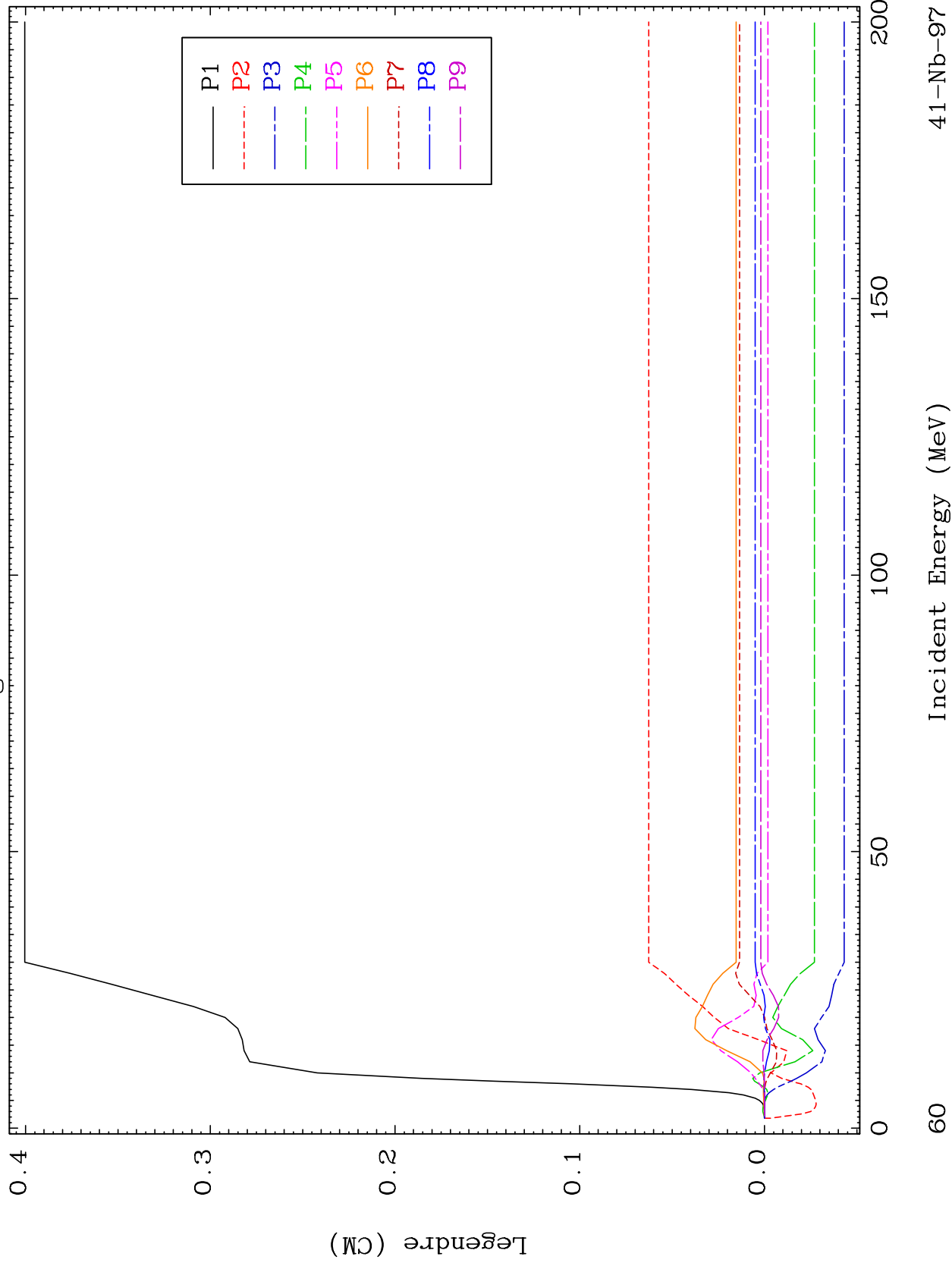
41-Nb-97



MAT 4137

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

41-Nb-97

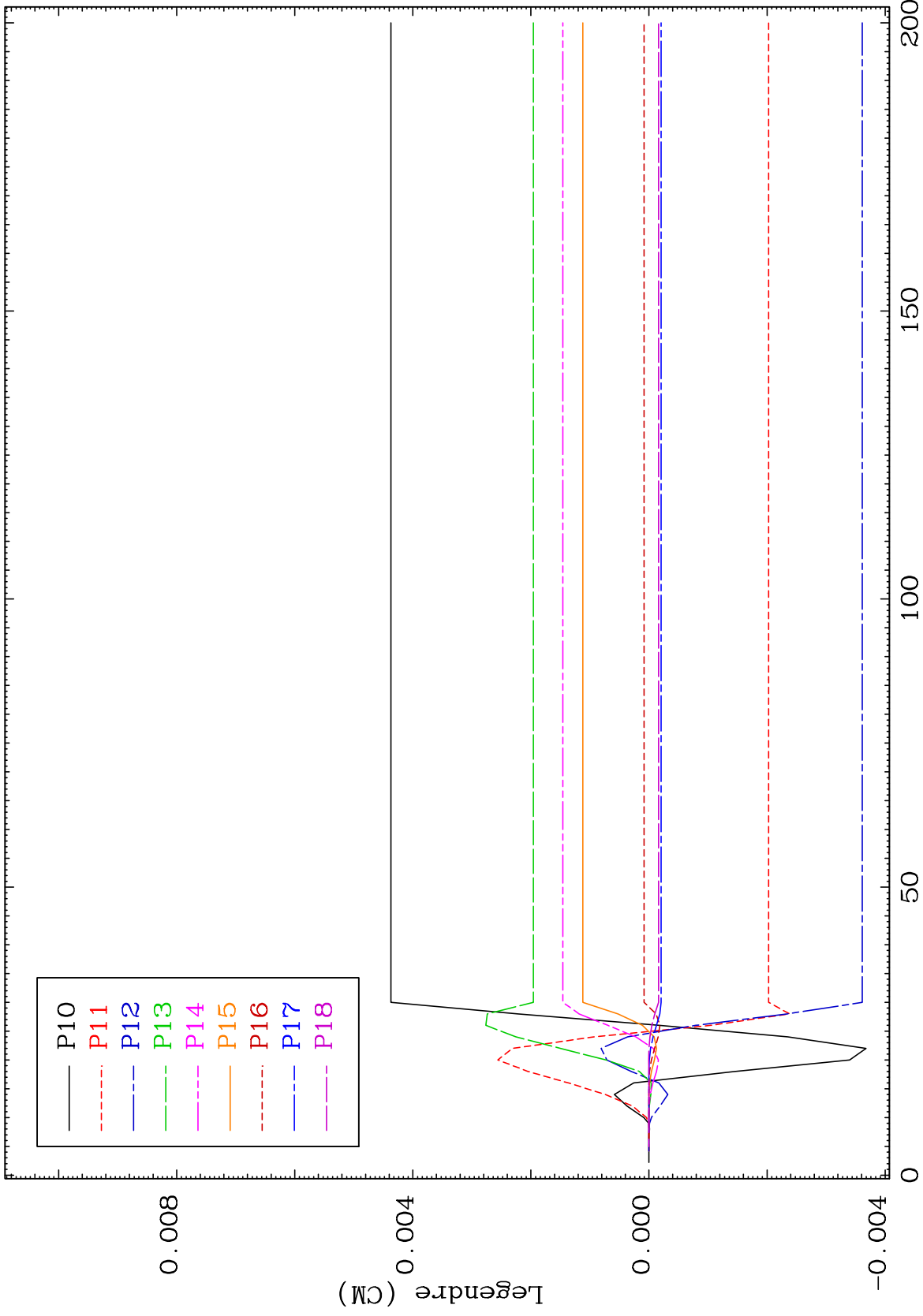


41-Nb-97

MAT 4137

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

41-Nb-97



61

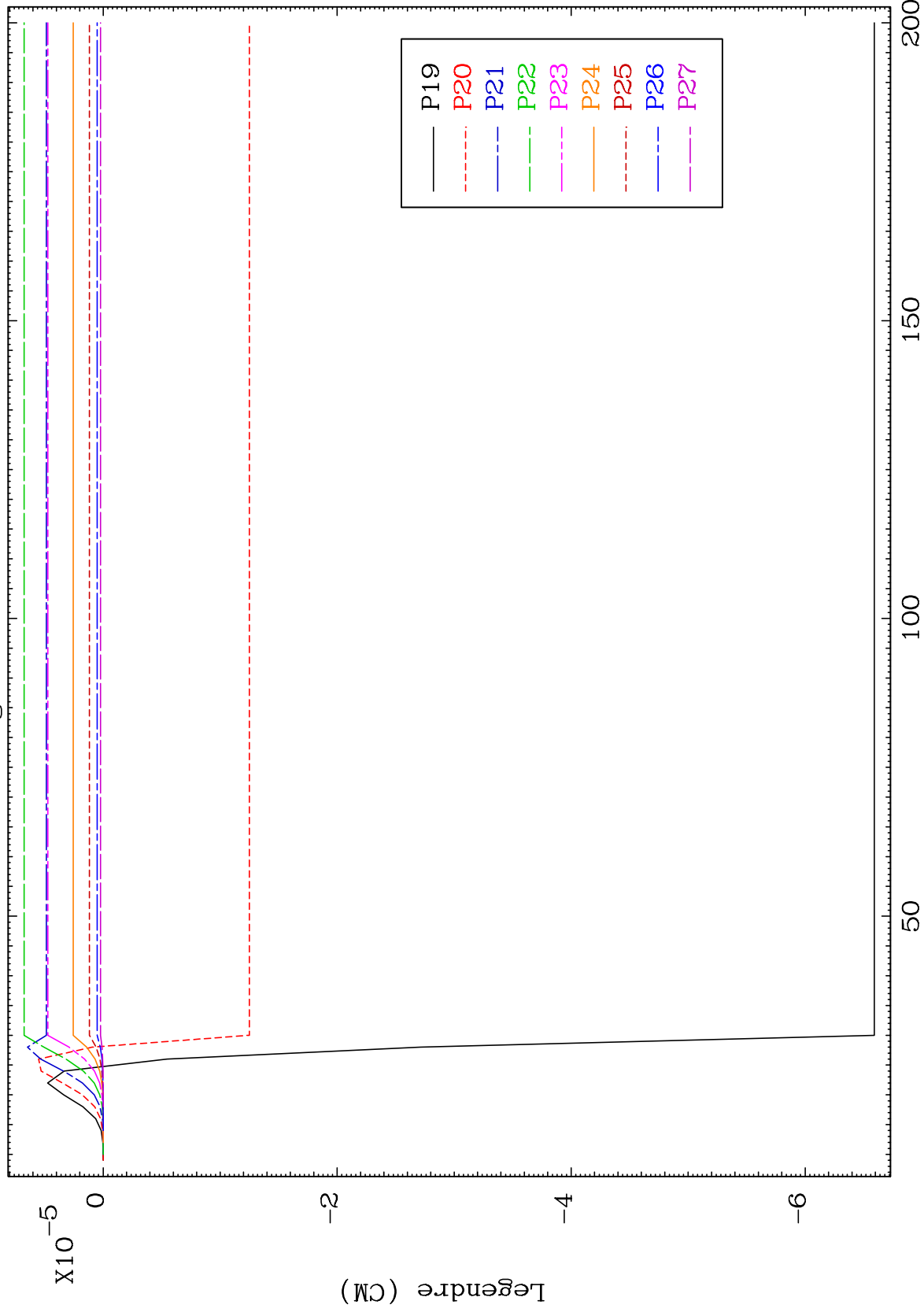
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



62

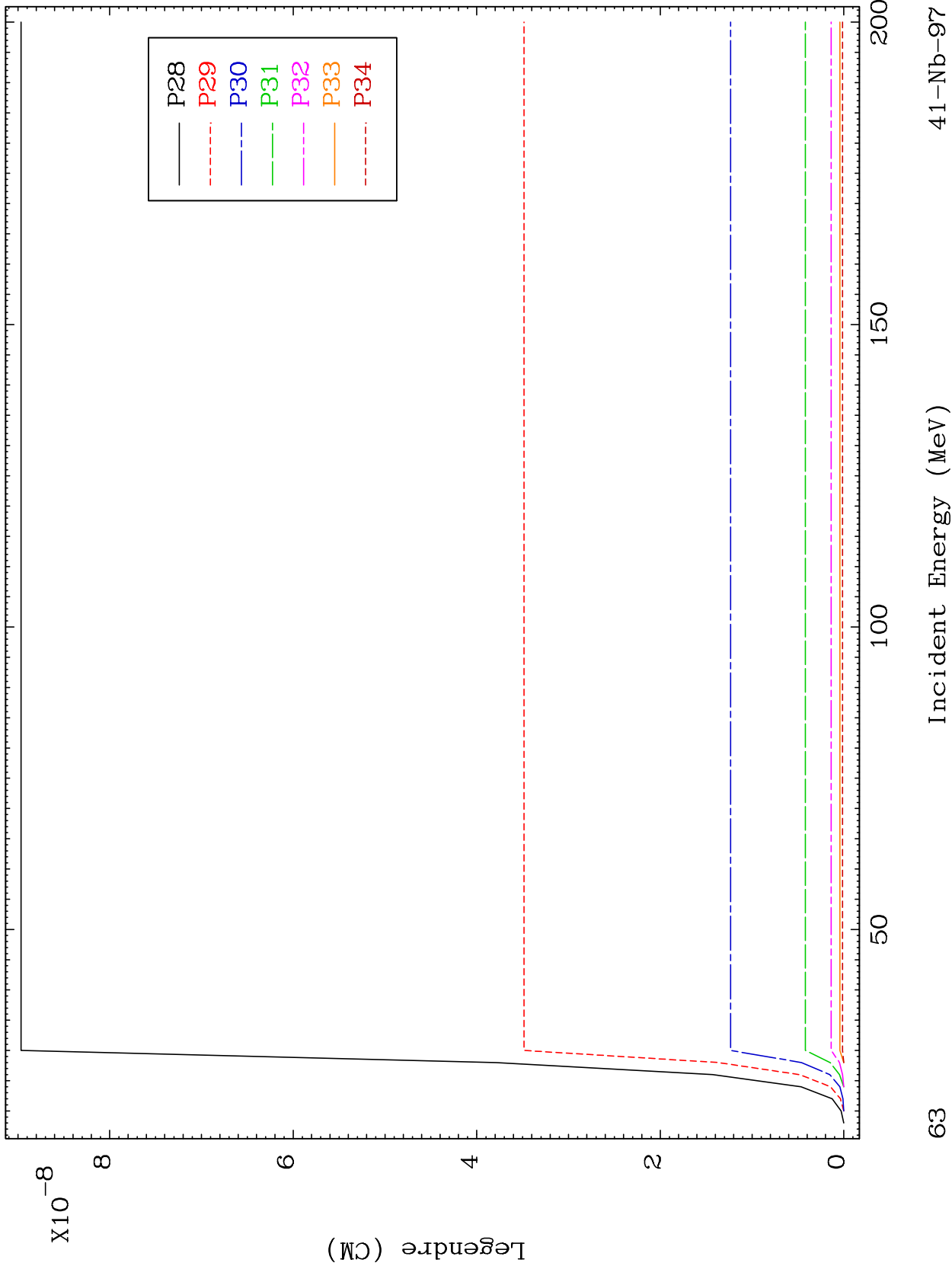
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



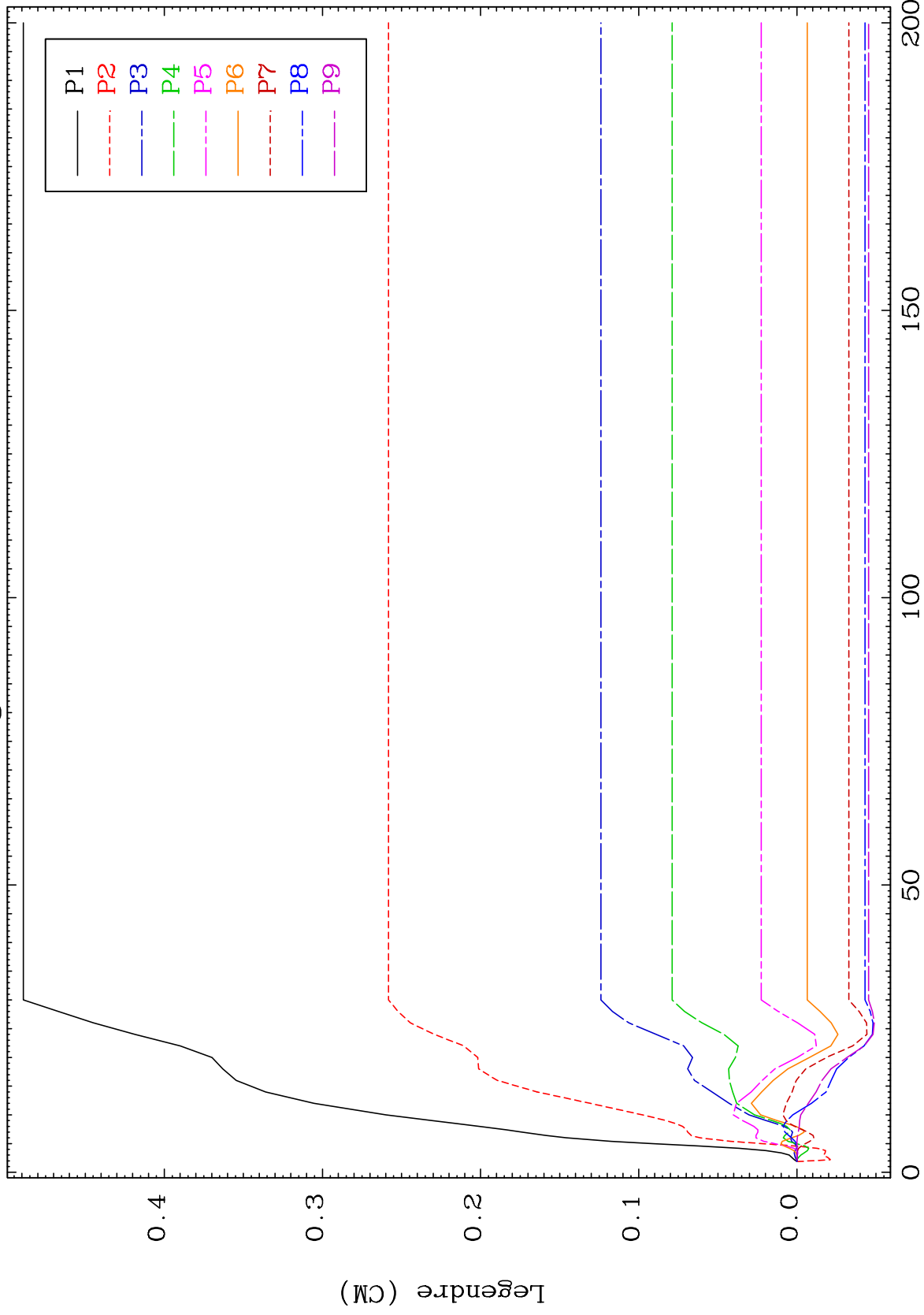
63

41-Nb-97

MAT 4137

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

41-Nb-97



64

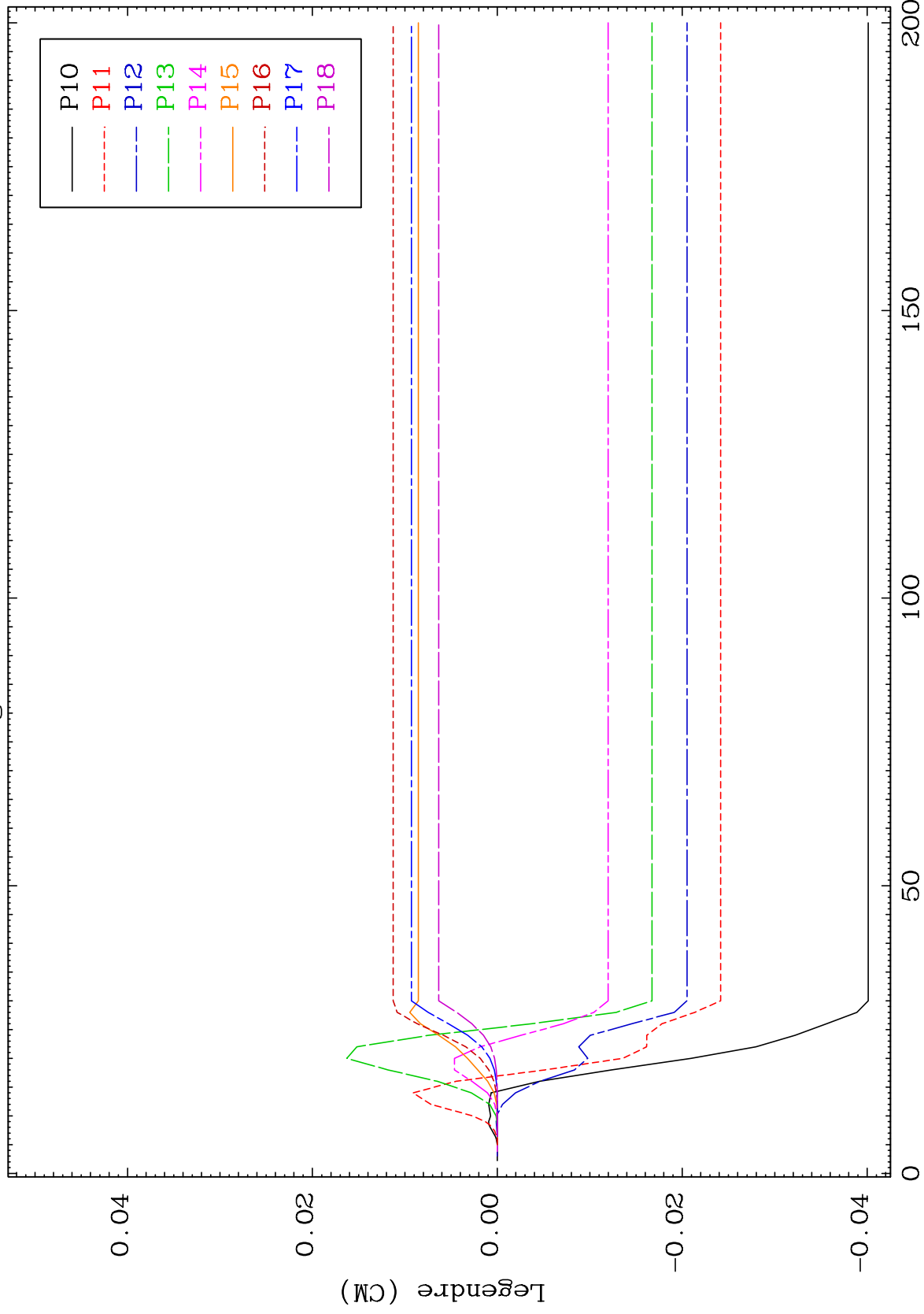
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



65

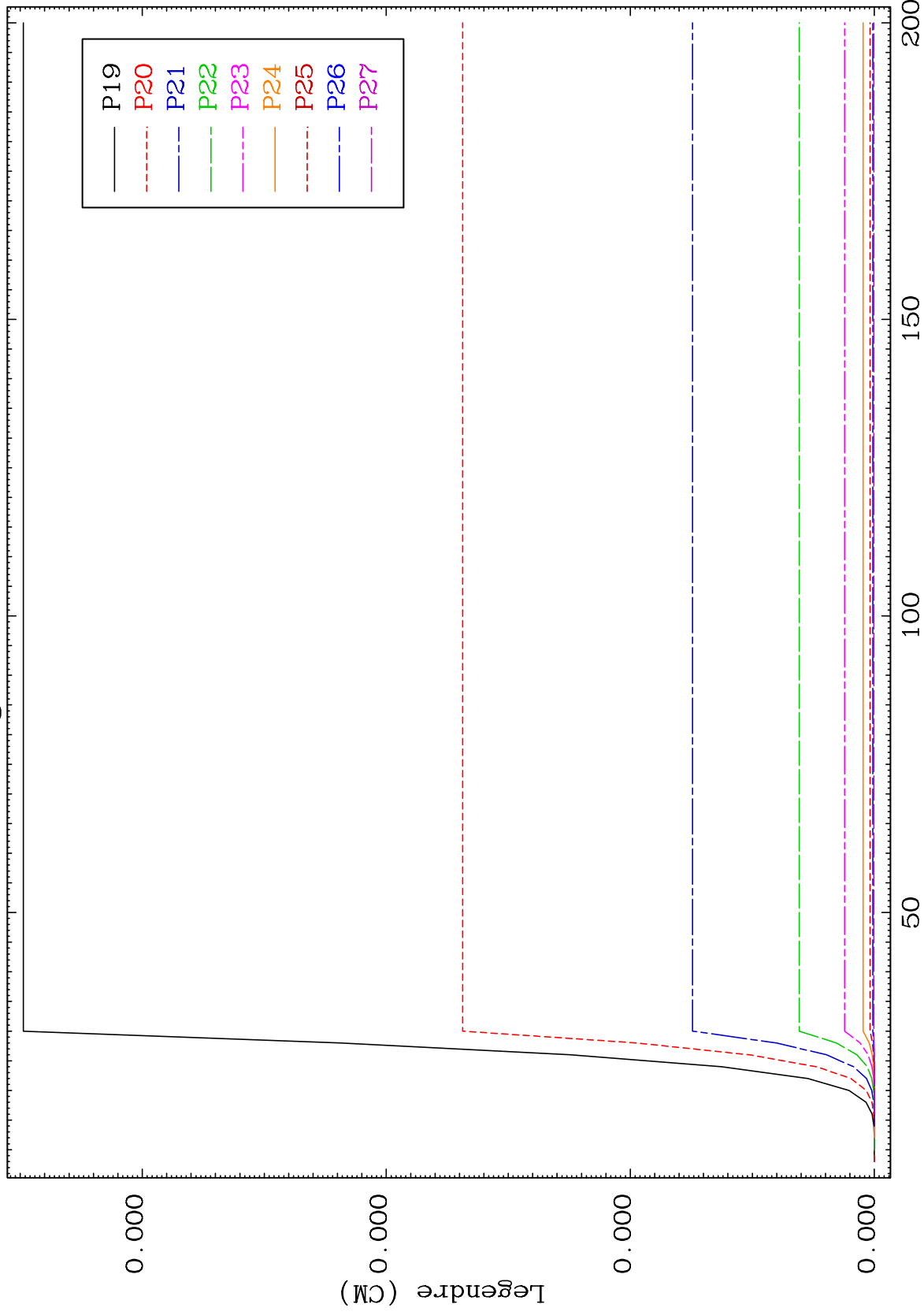
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



66

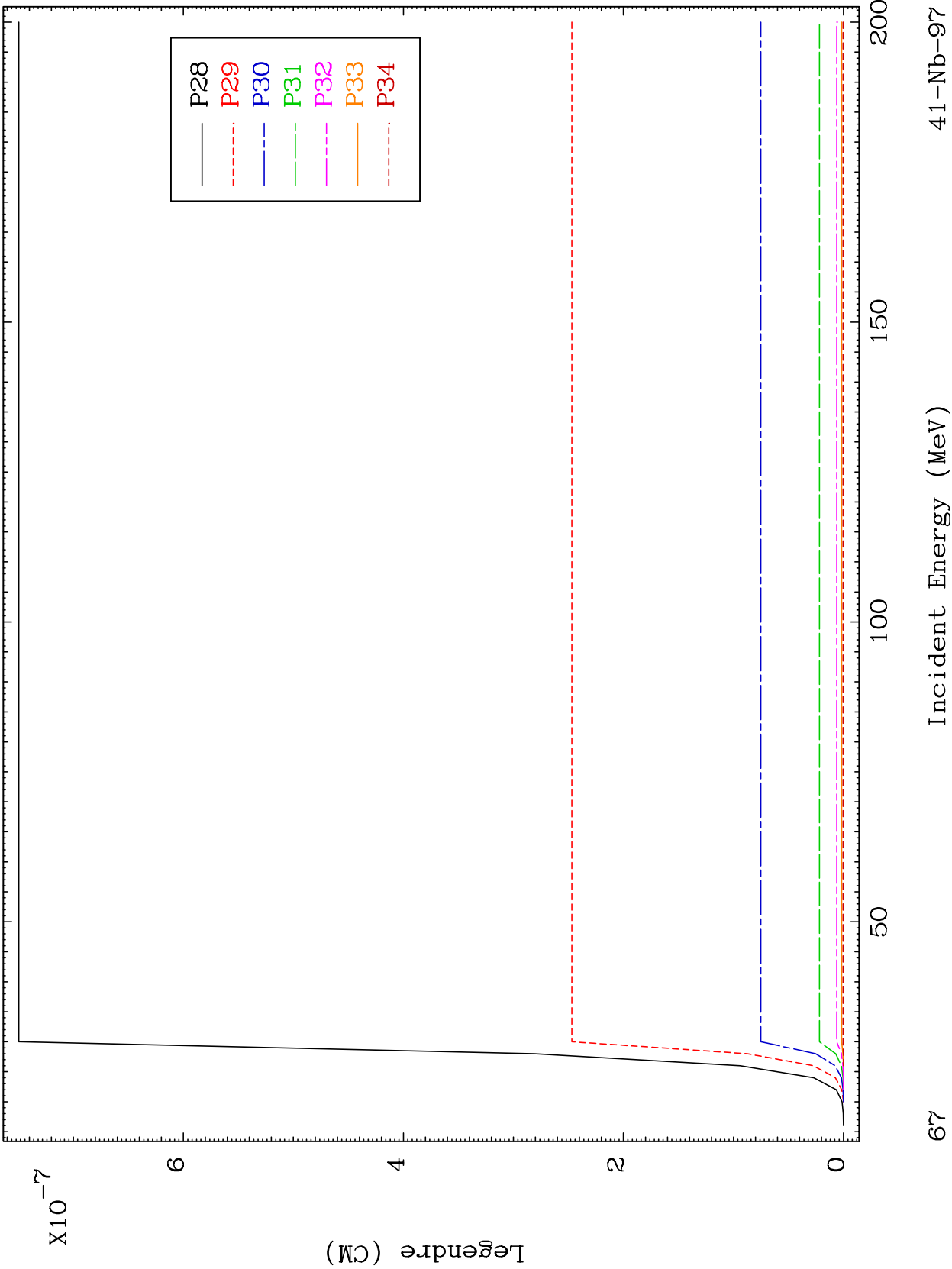
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



67

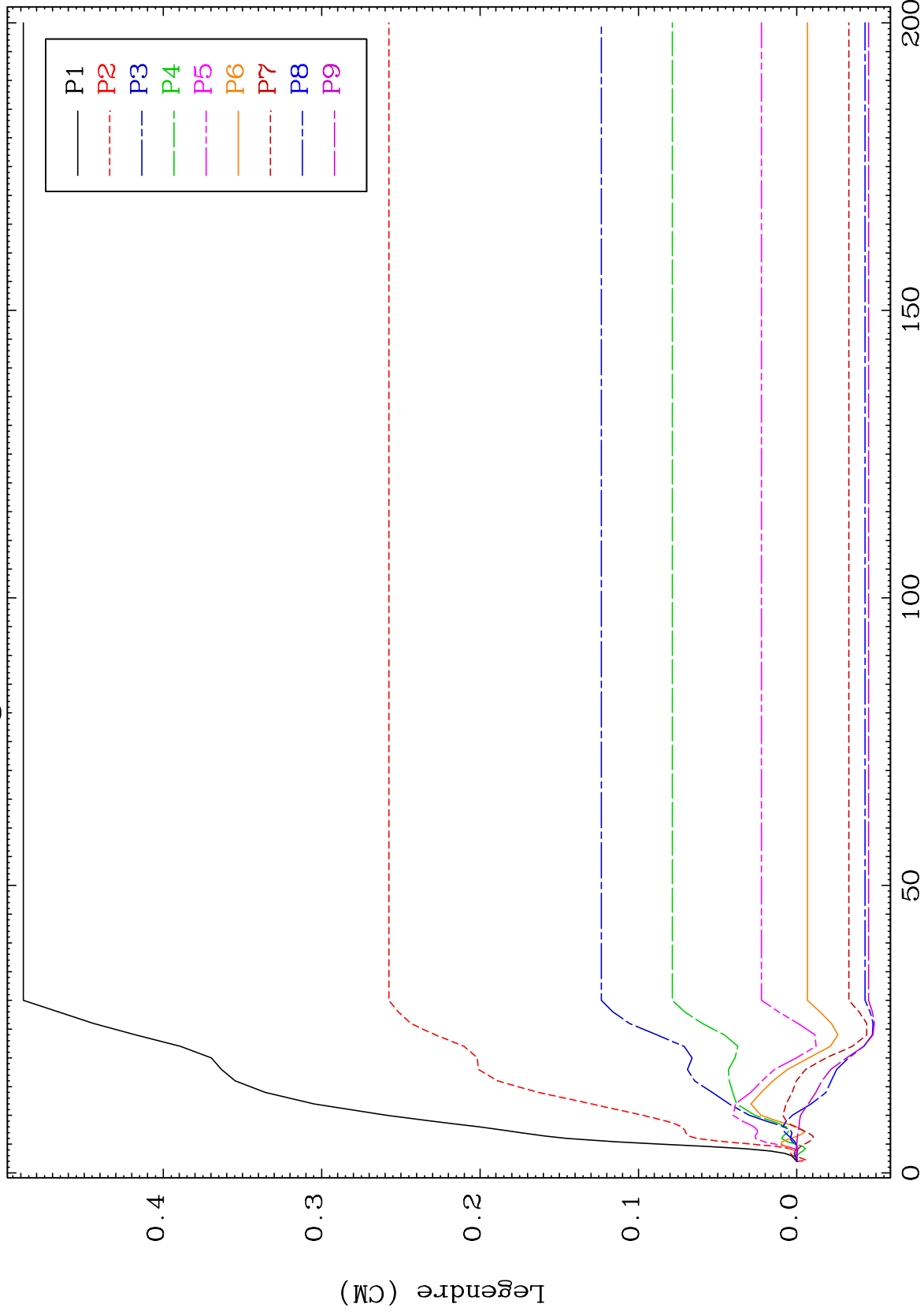
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



41-Nb-97

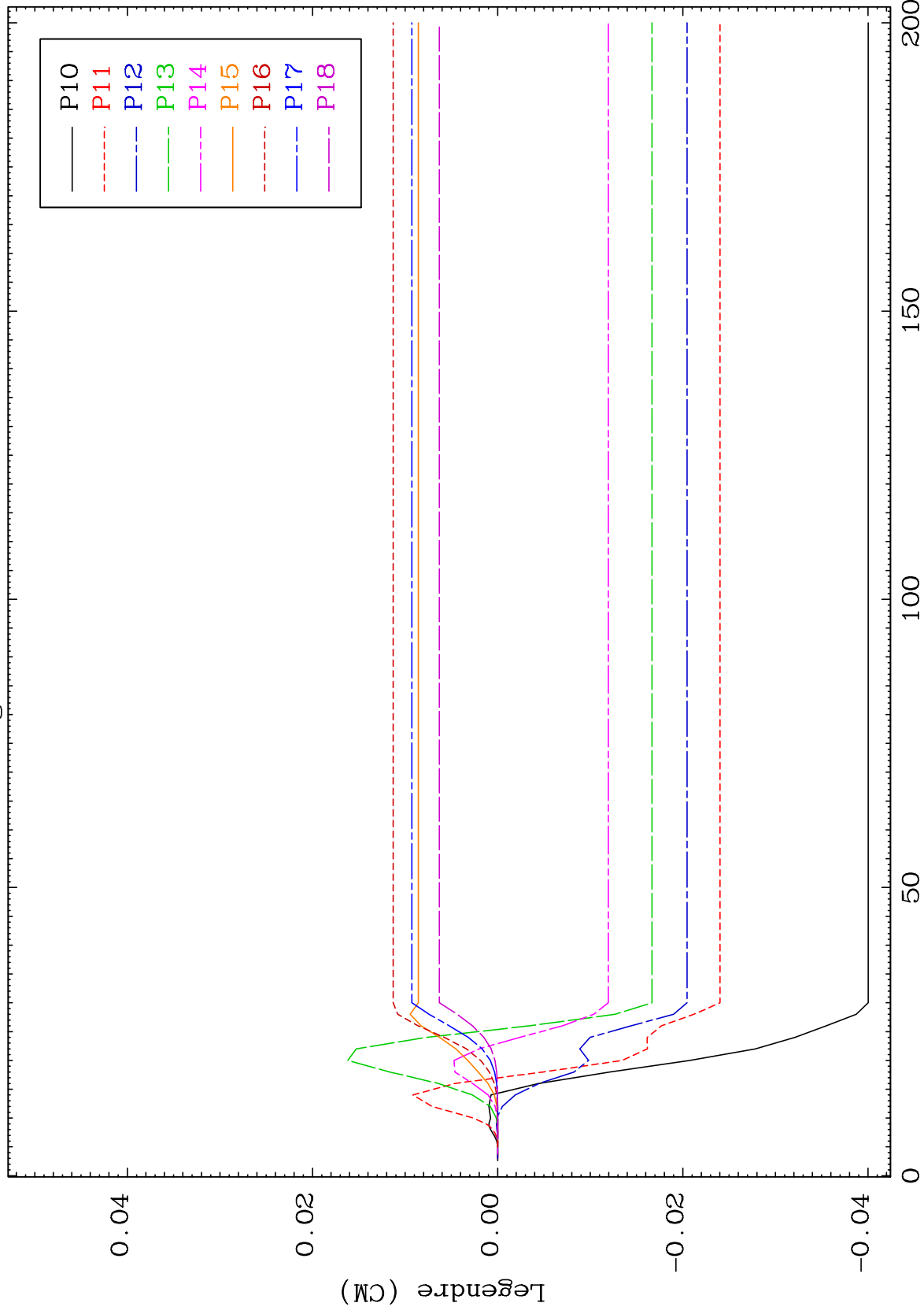
Incident Energy (MeV)

68

MAT 4137

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

41-Nb-97



69

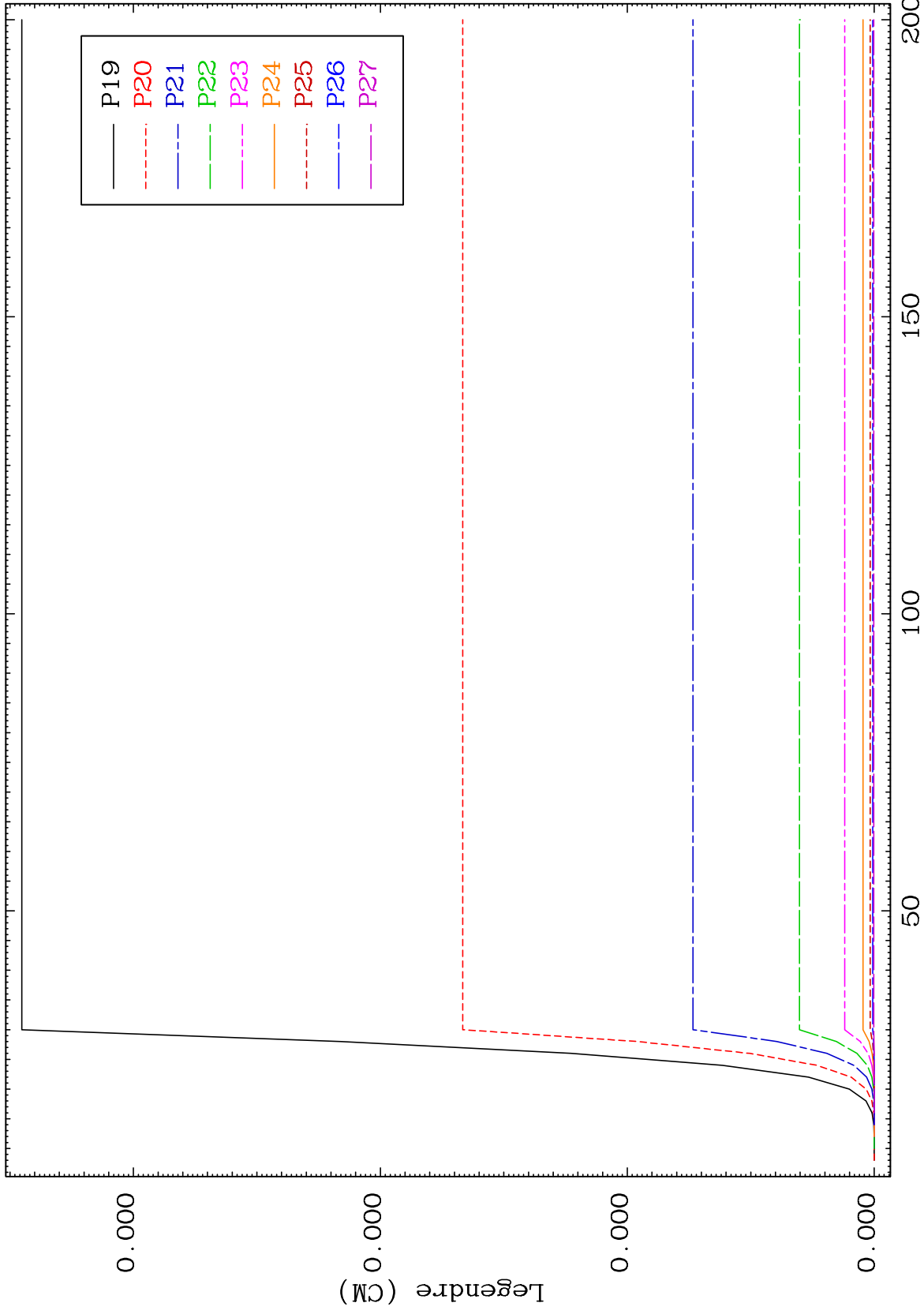
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



70

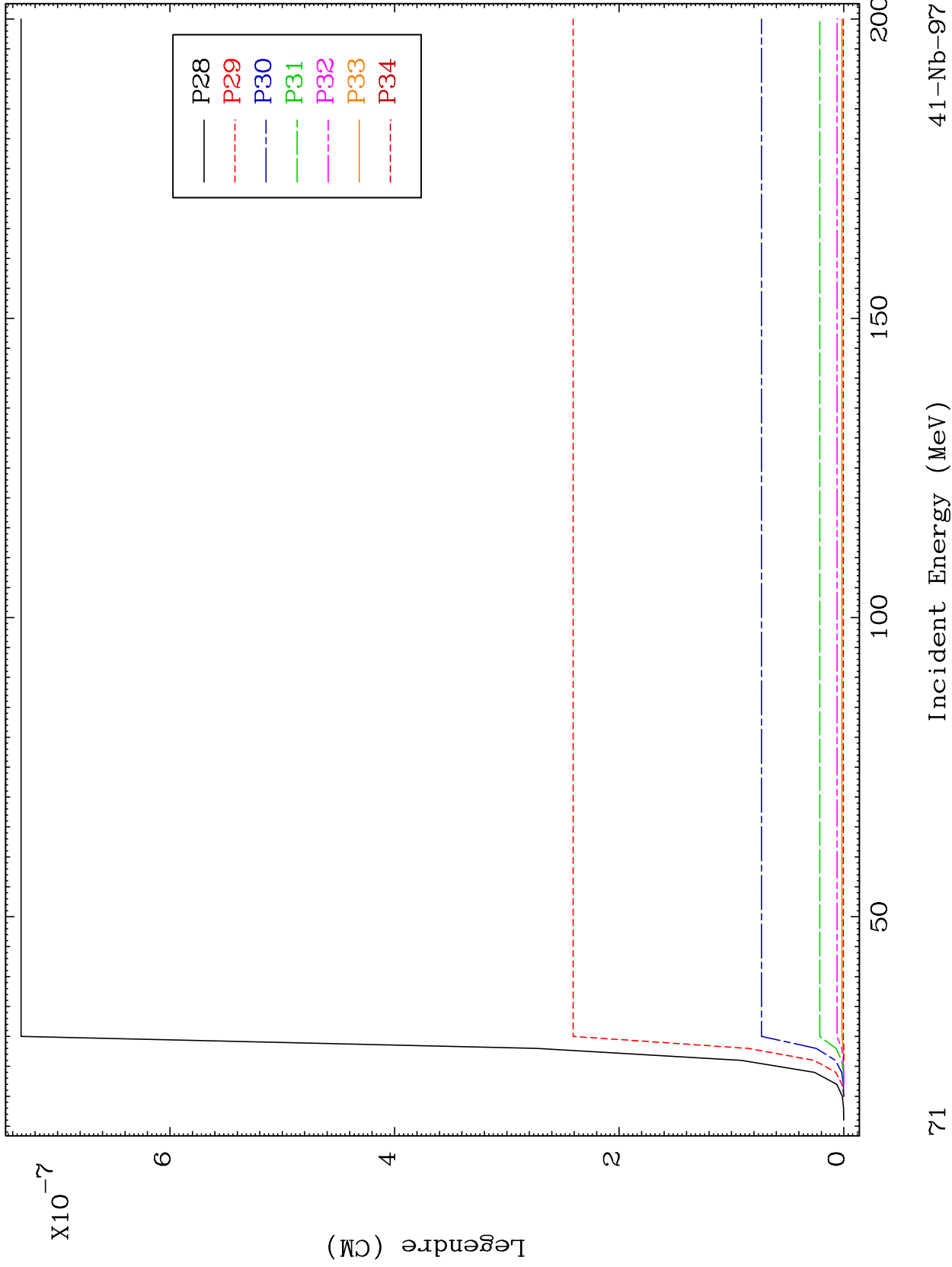
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



71

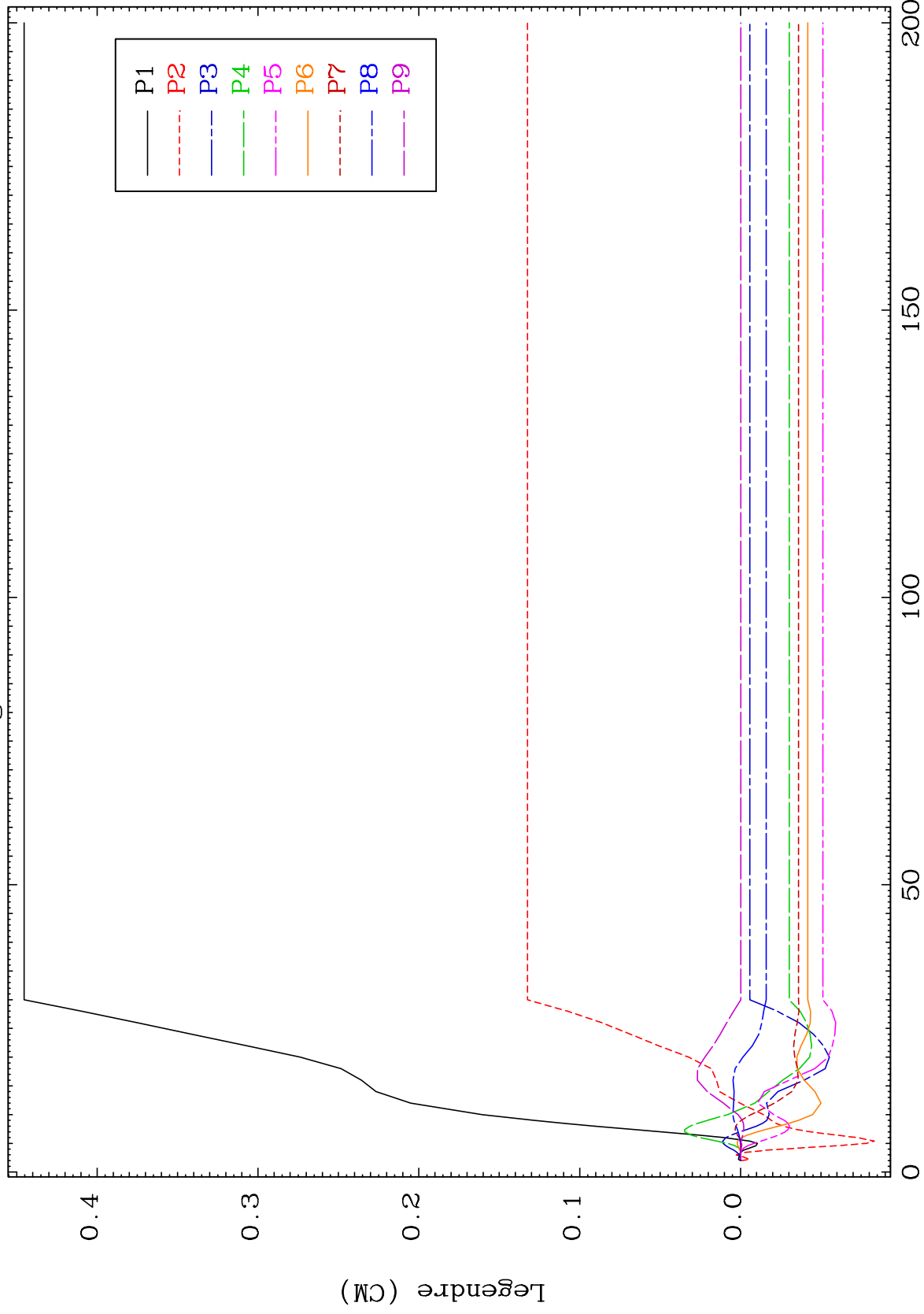
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



72

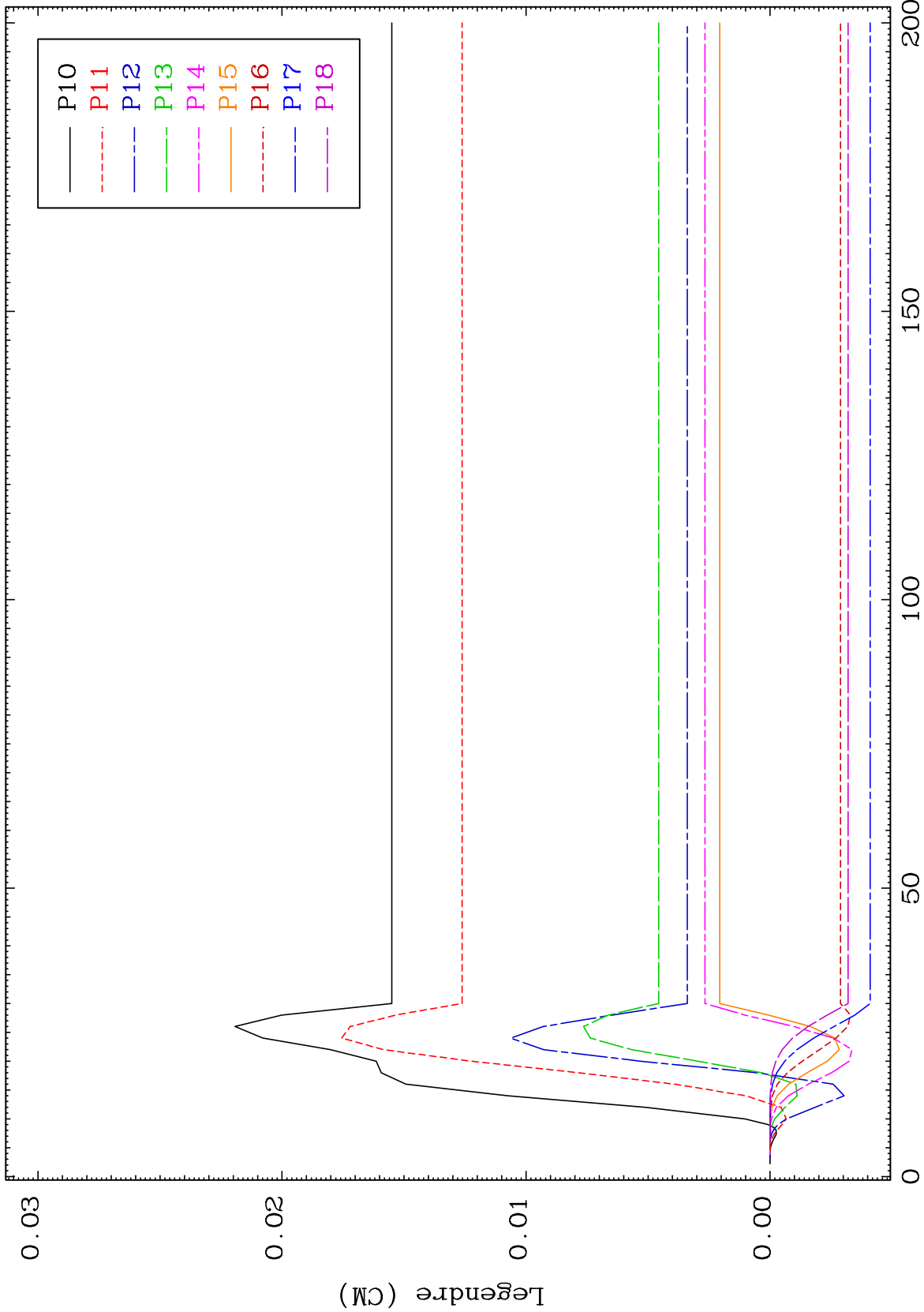
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

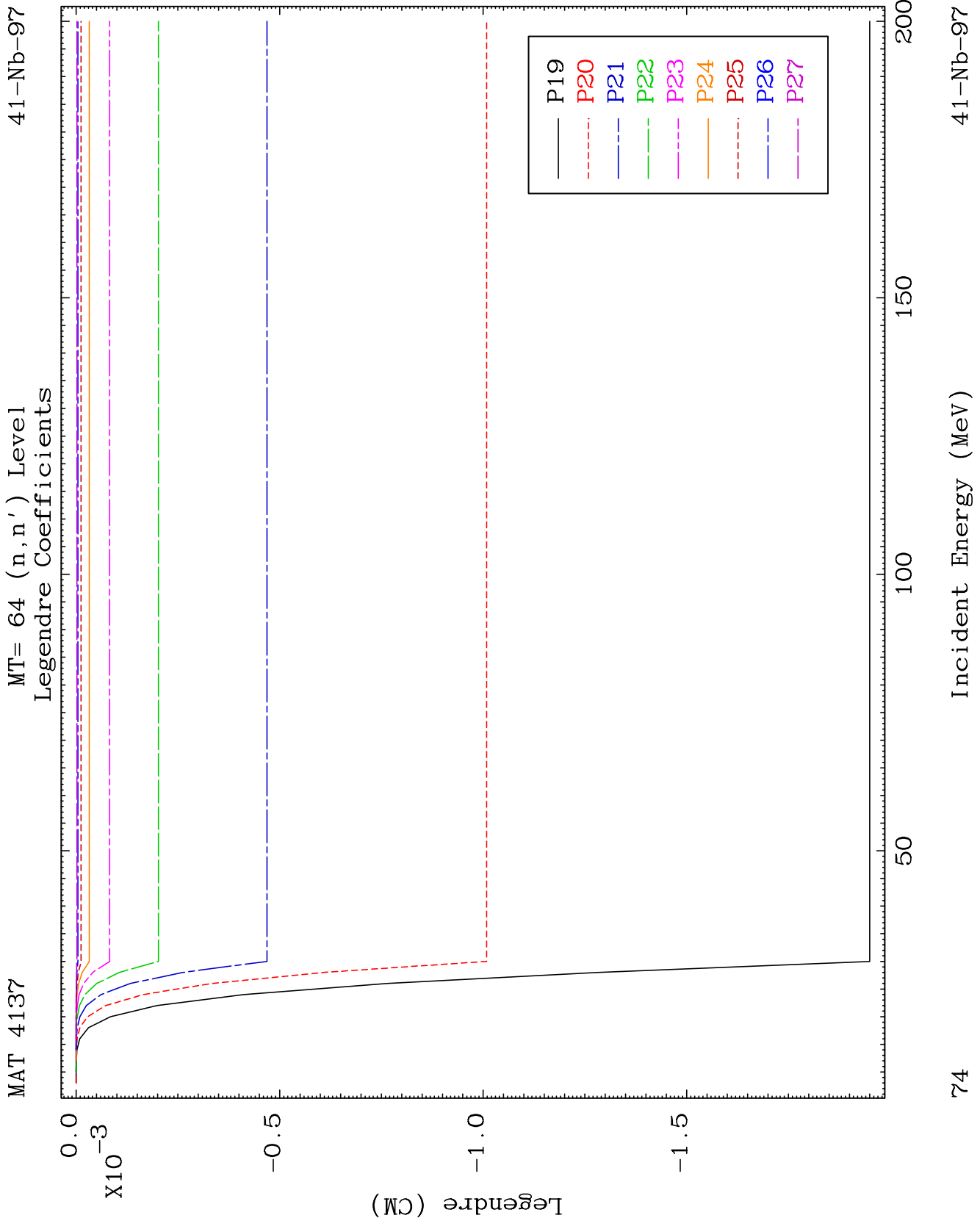
41-Nb-97

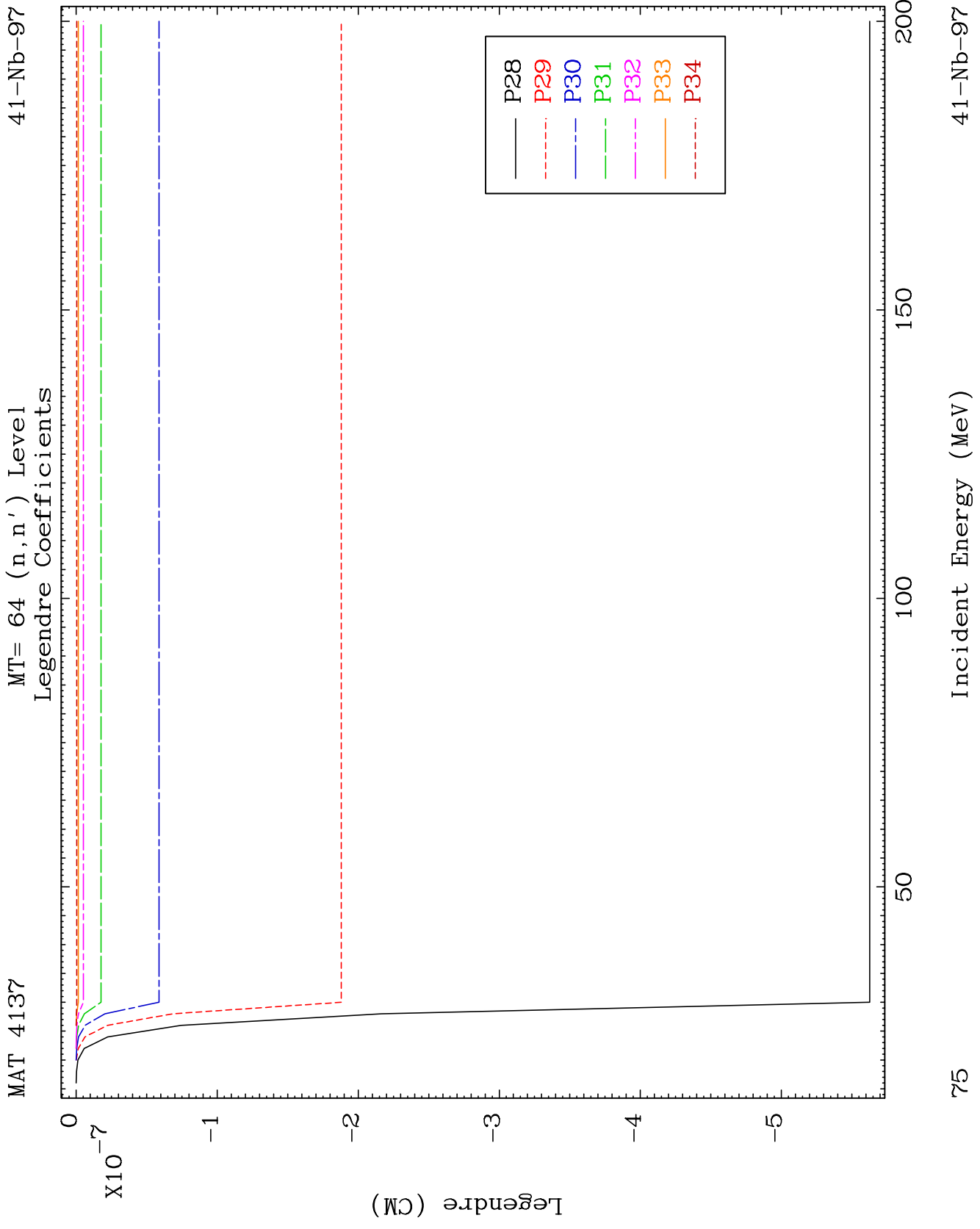


73

Incident Energy (MeV)

41-Nb-97

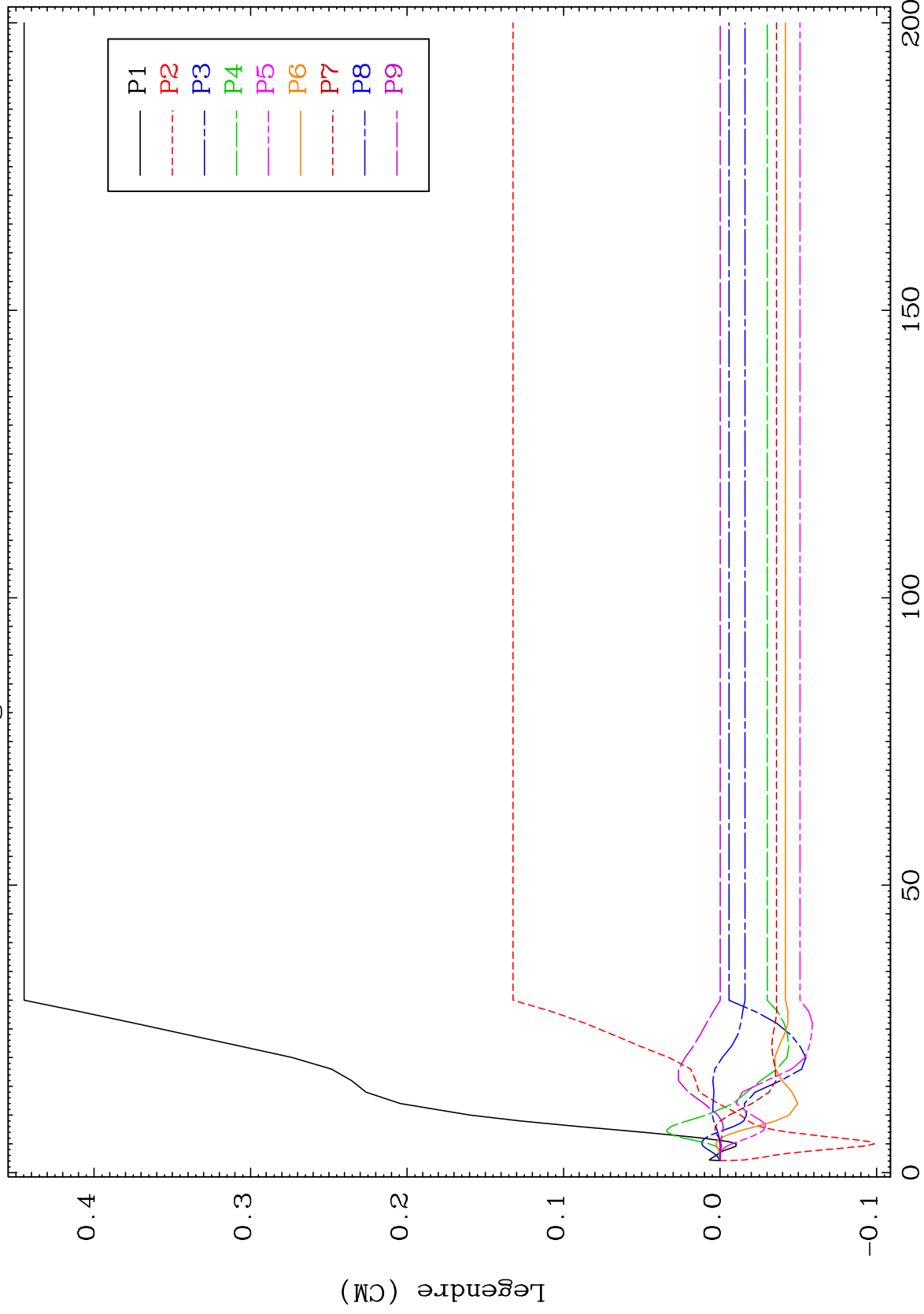




MAT 4137

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

41-Nb-97



76

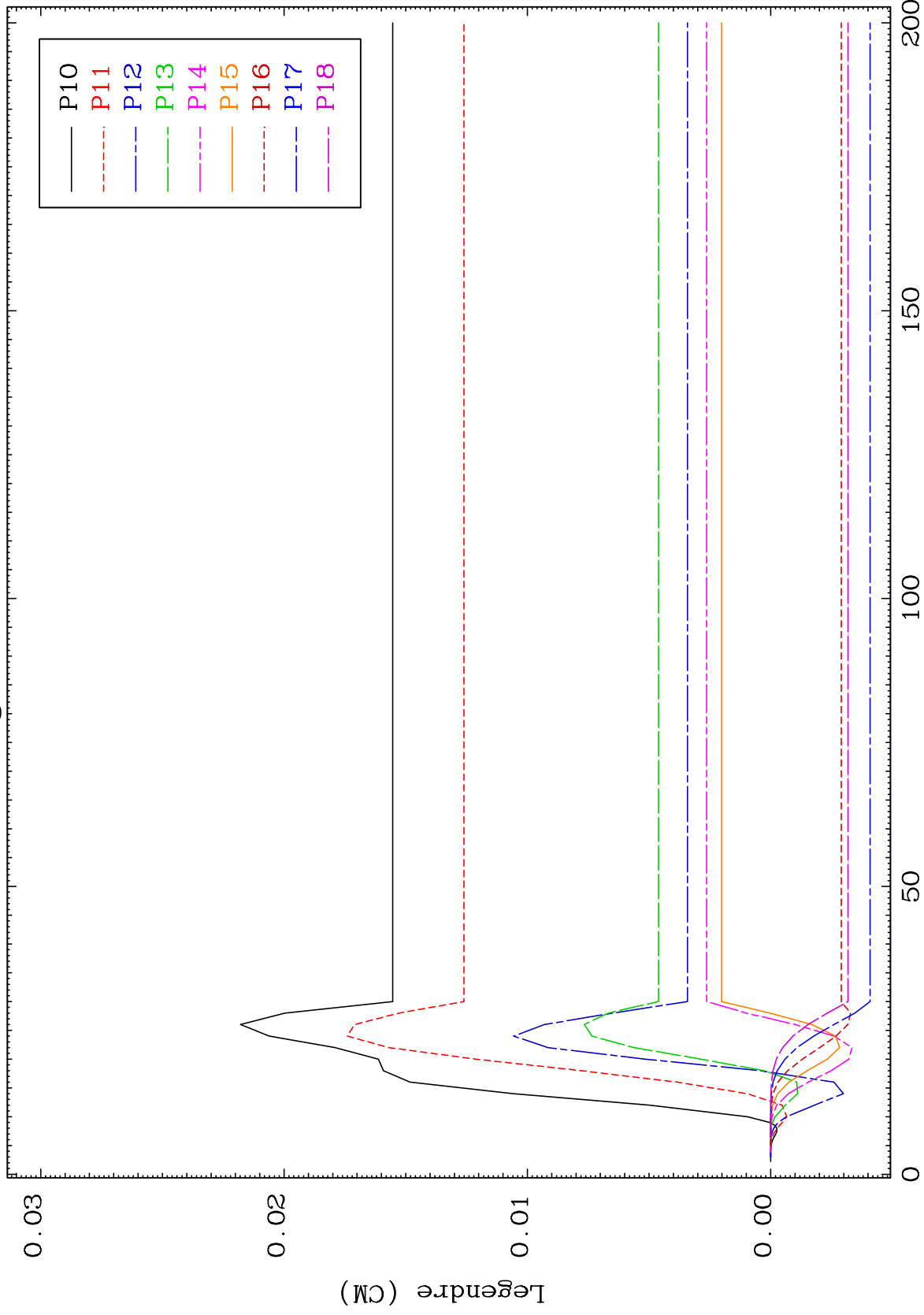
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

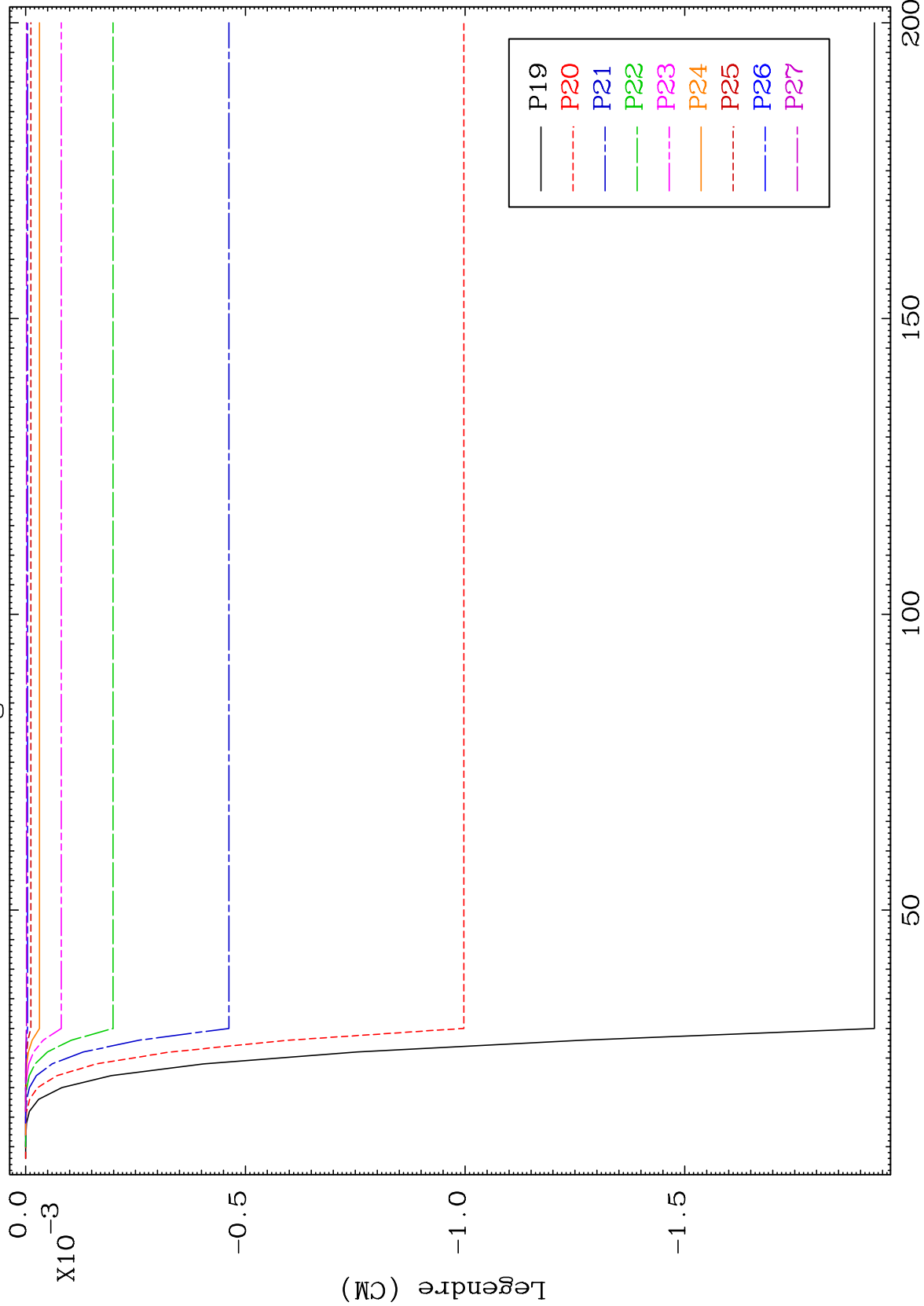
41-Nb-97



77

Incident Energy (MeV)

41-Nb-97

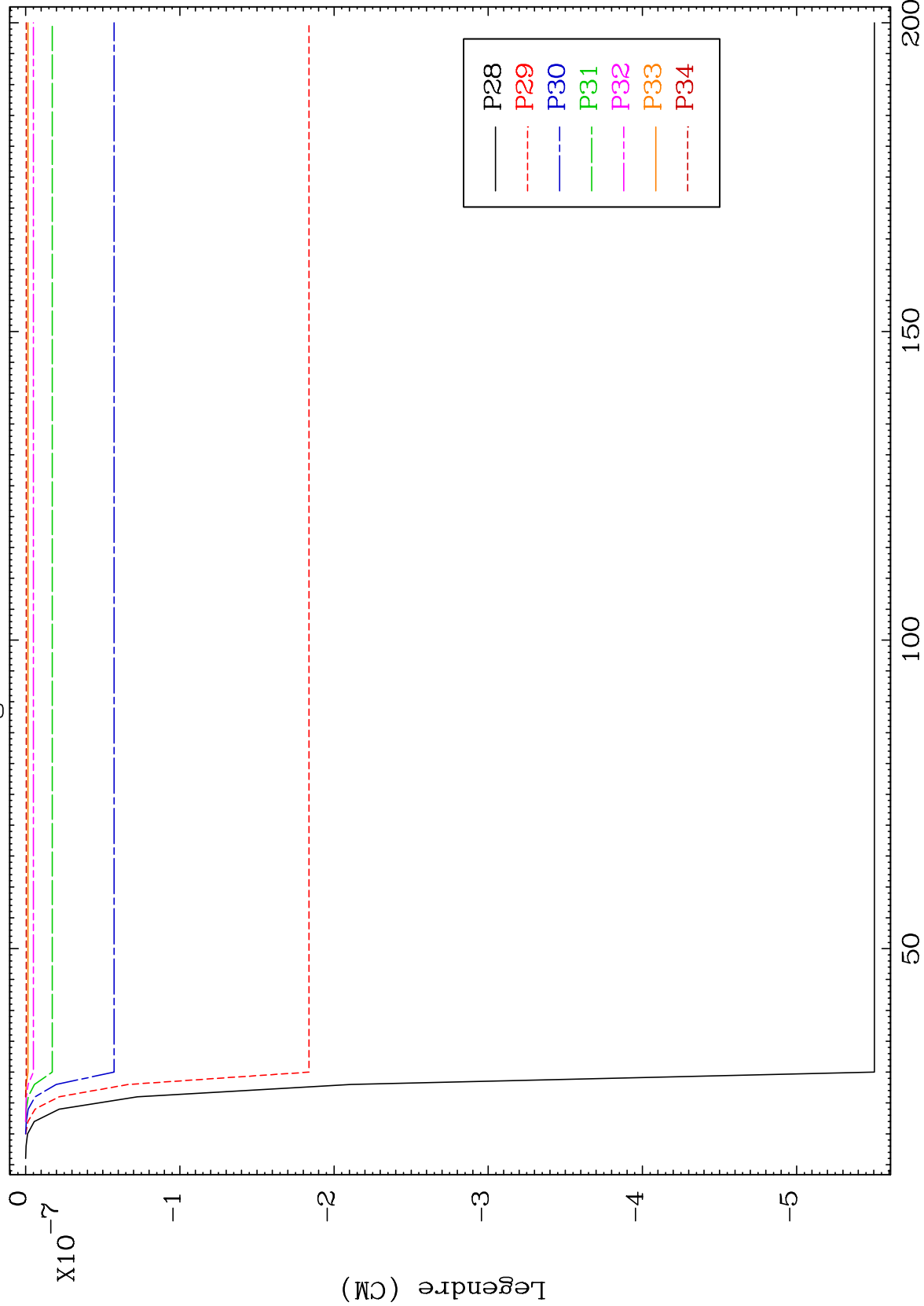


MAT 4137

MT= 65 (n,n') Level

41-Nb-97

Legendre Coefficients



79

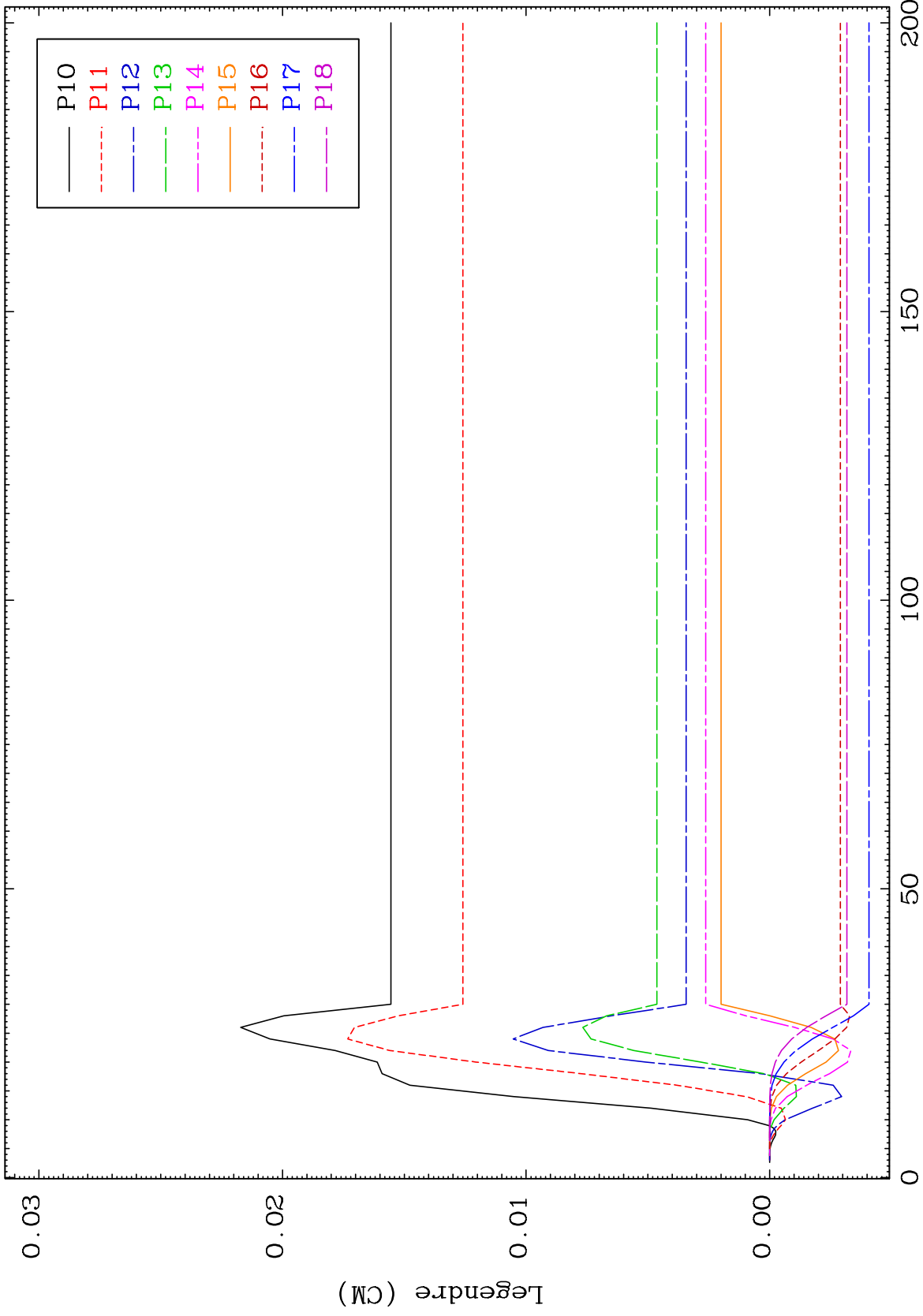
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



81

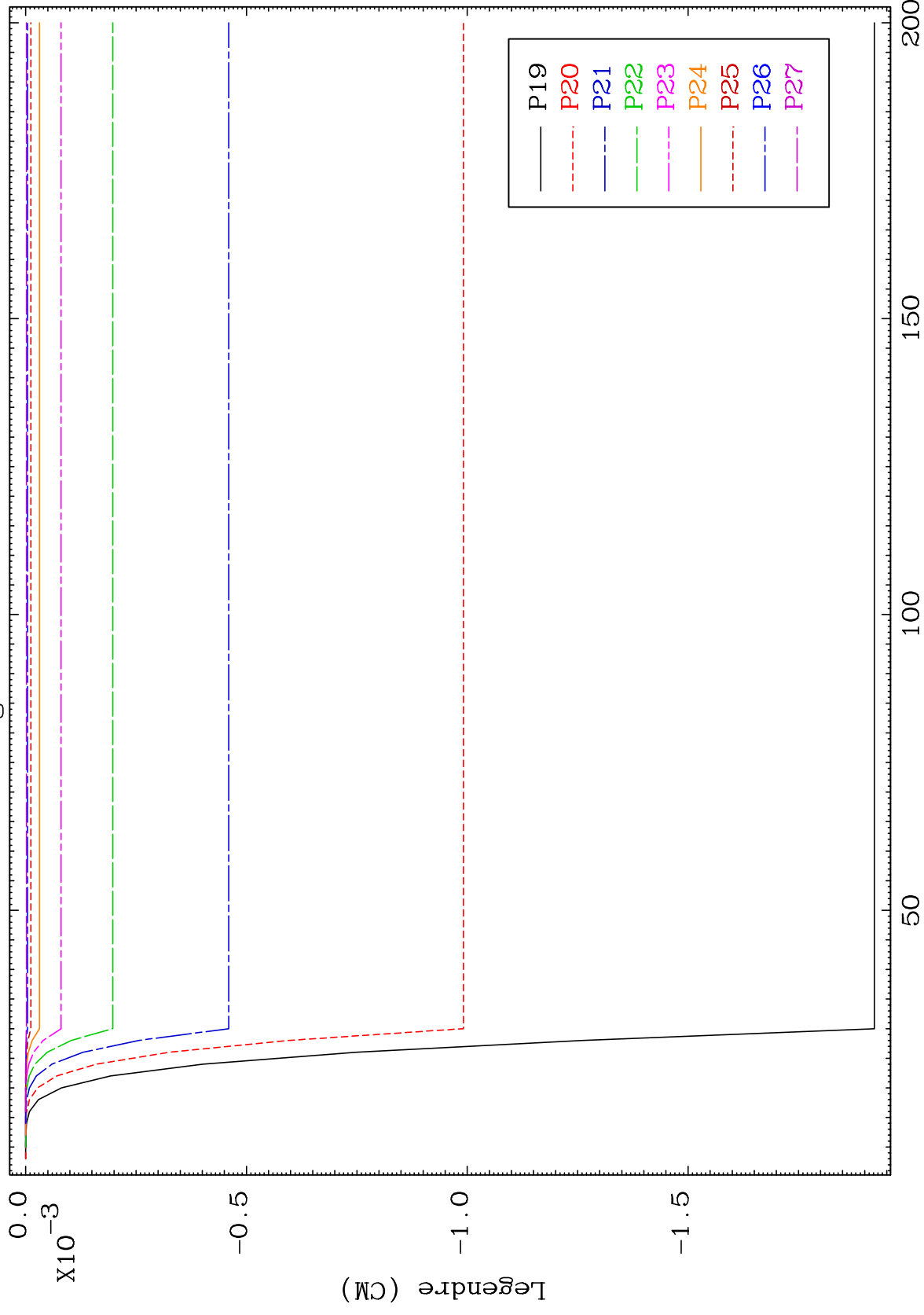
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

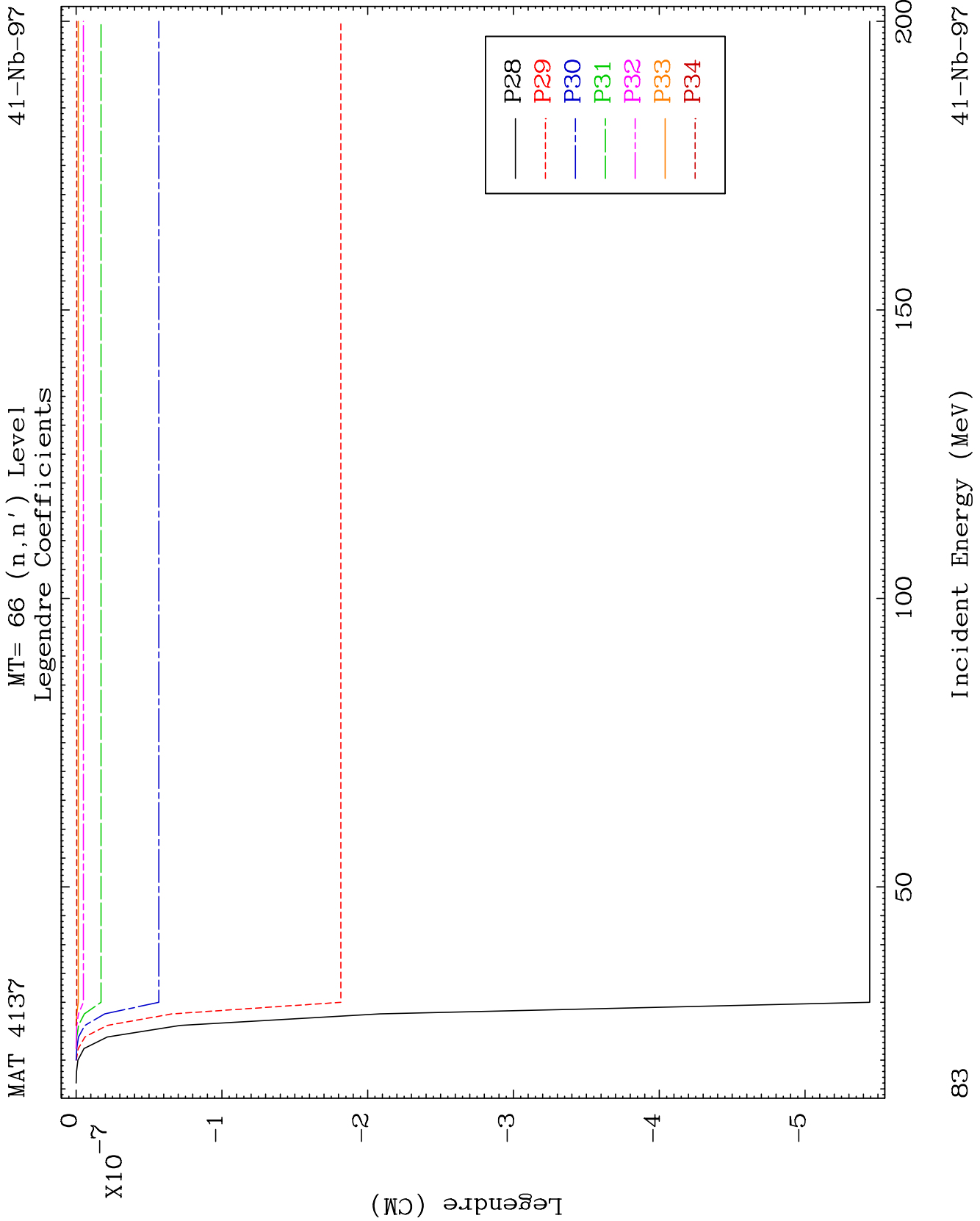
41-Nb-97



82

Incident Energy (MeV)

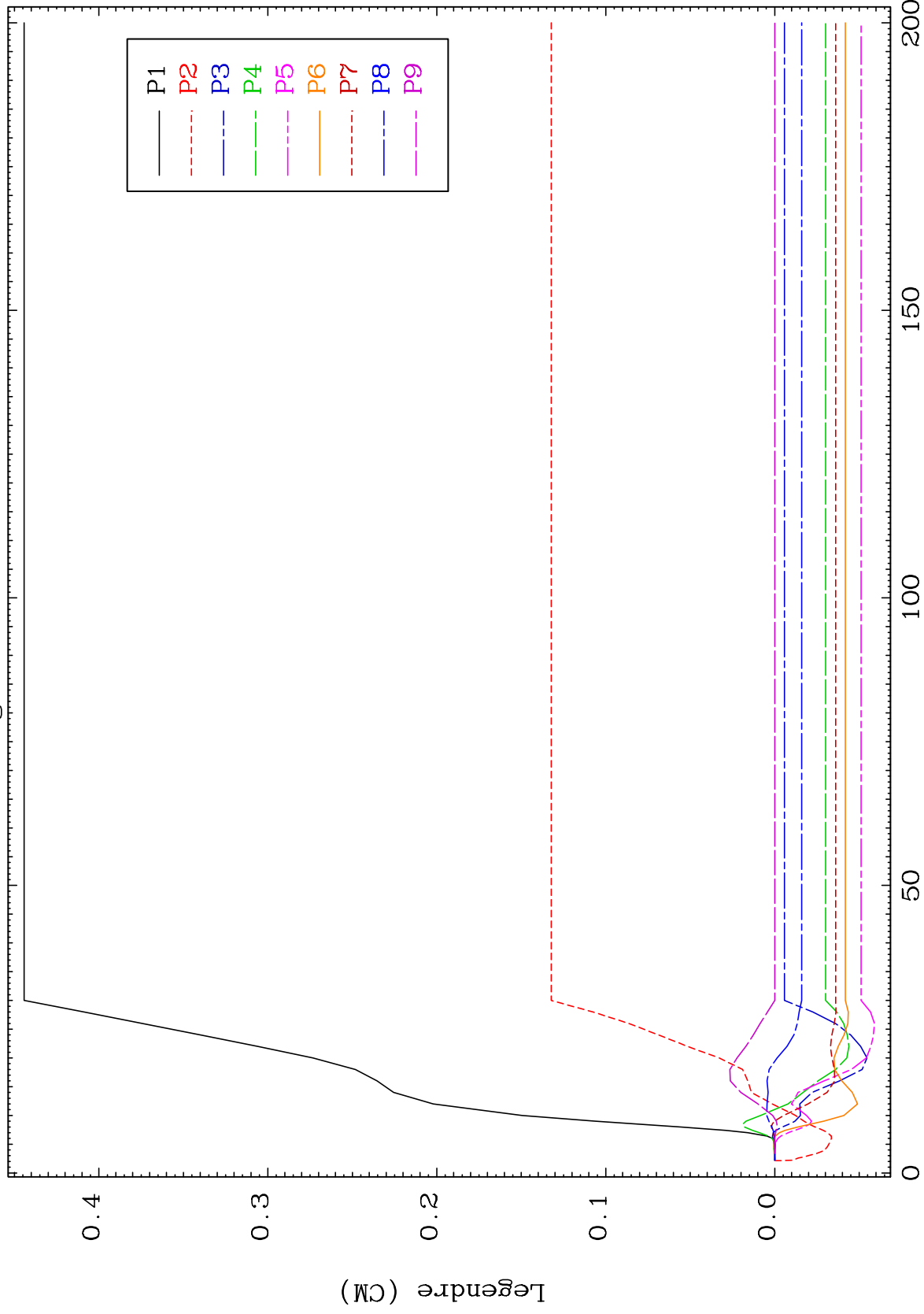
41-Nb-97



MAT 4137

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

41-Nb-97



84

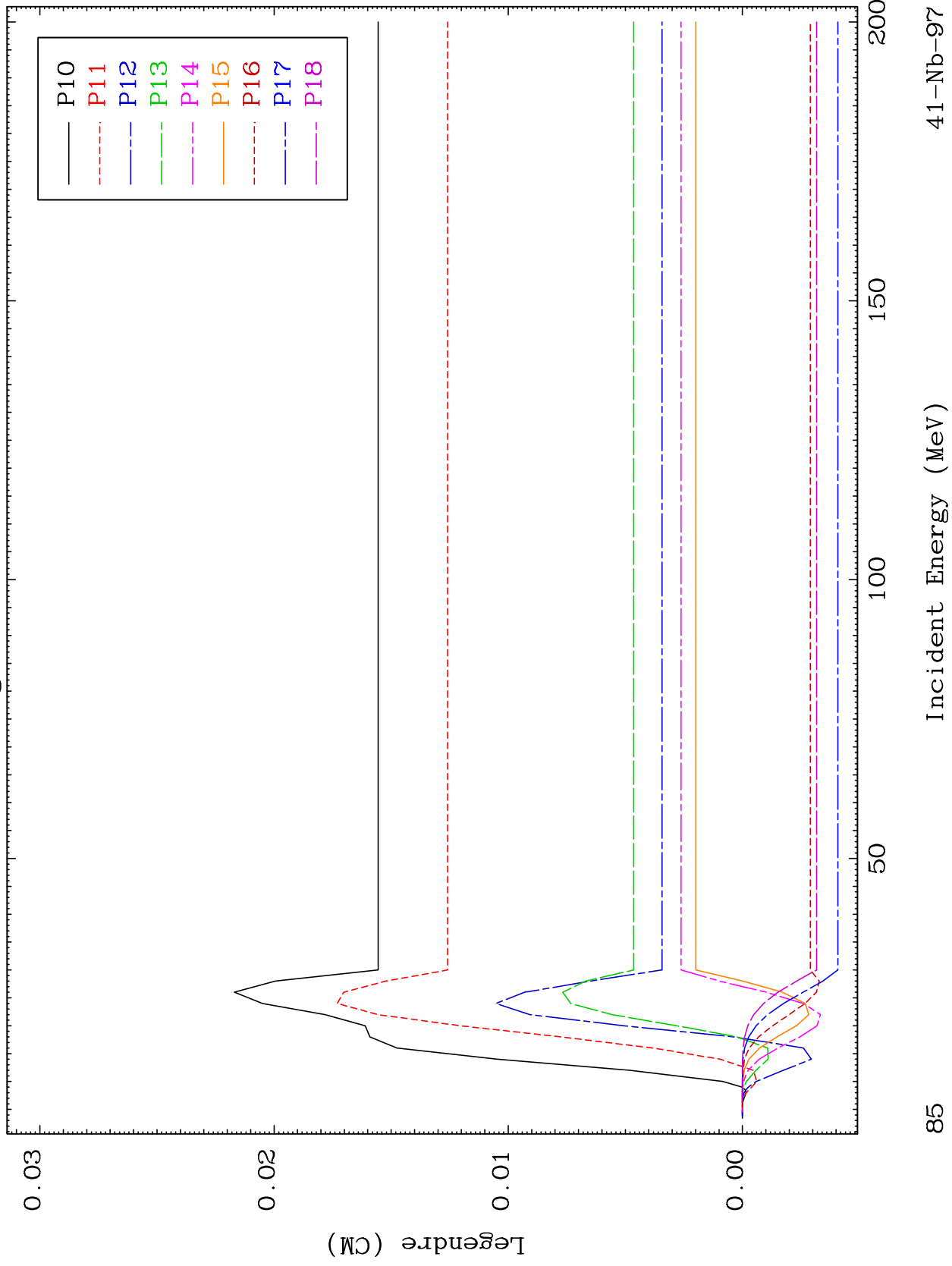
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

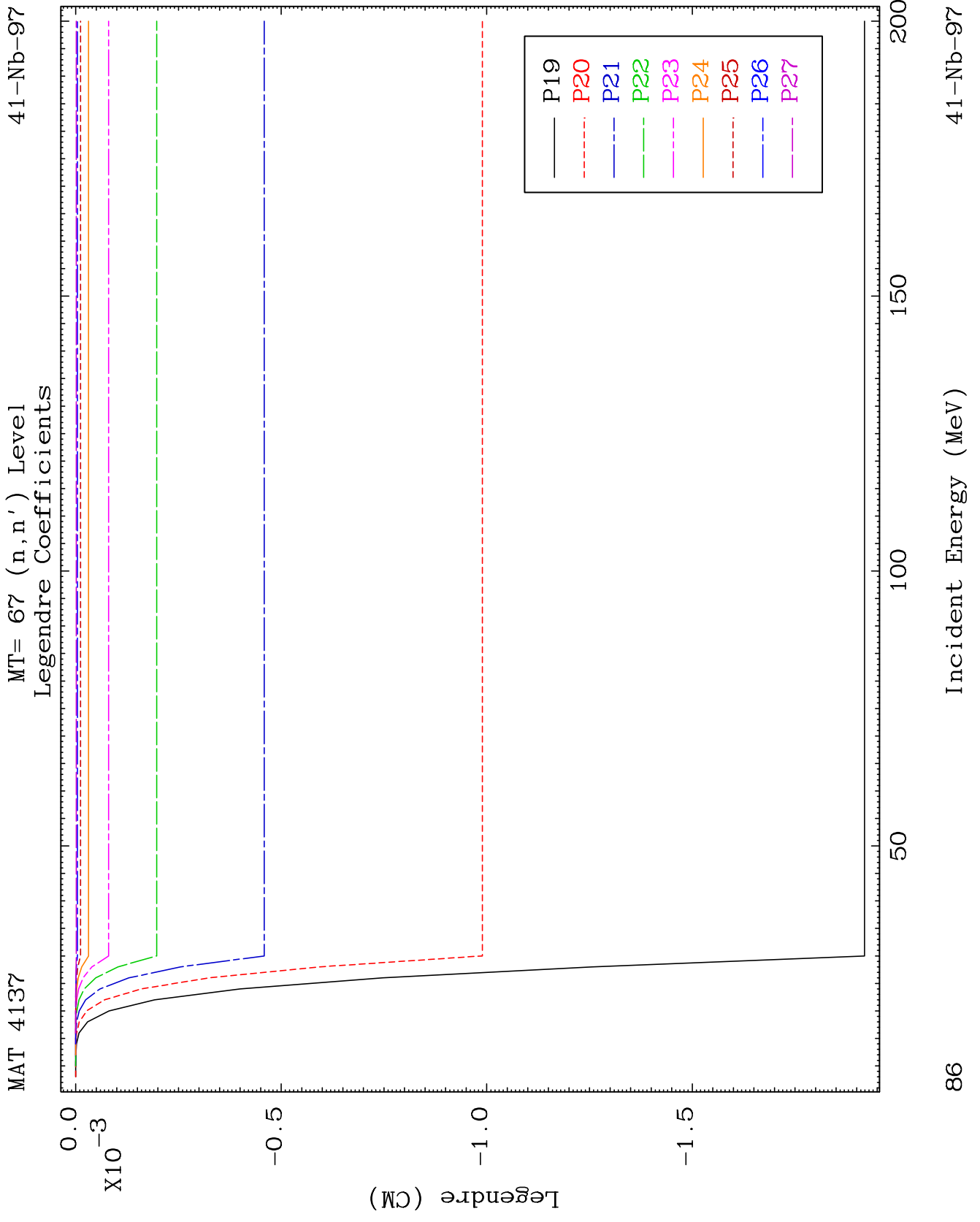
41-Nb-97

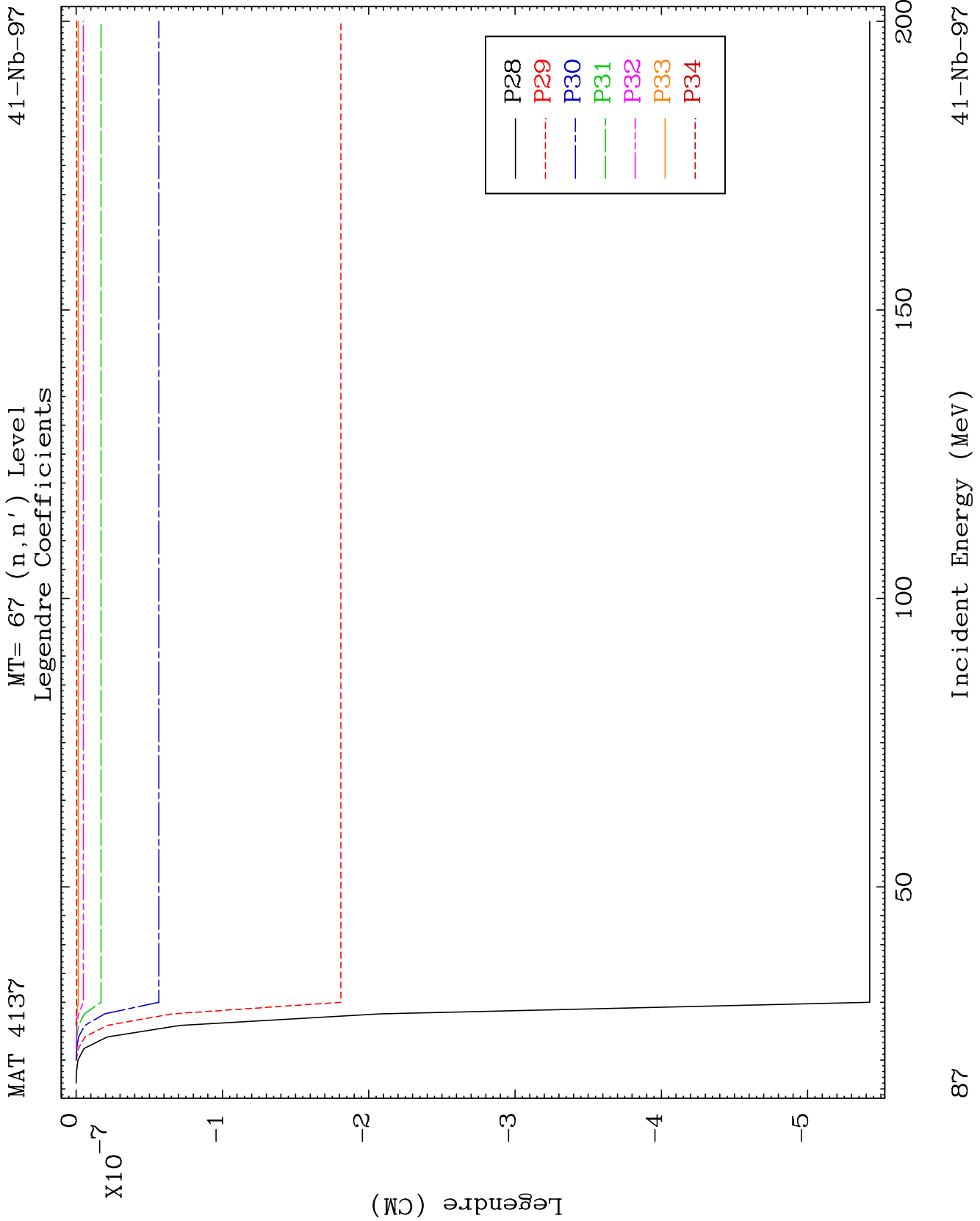


85

Incident Energy (MeV)

41-Nb-97

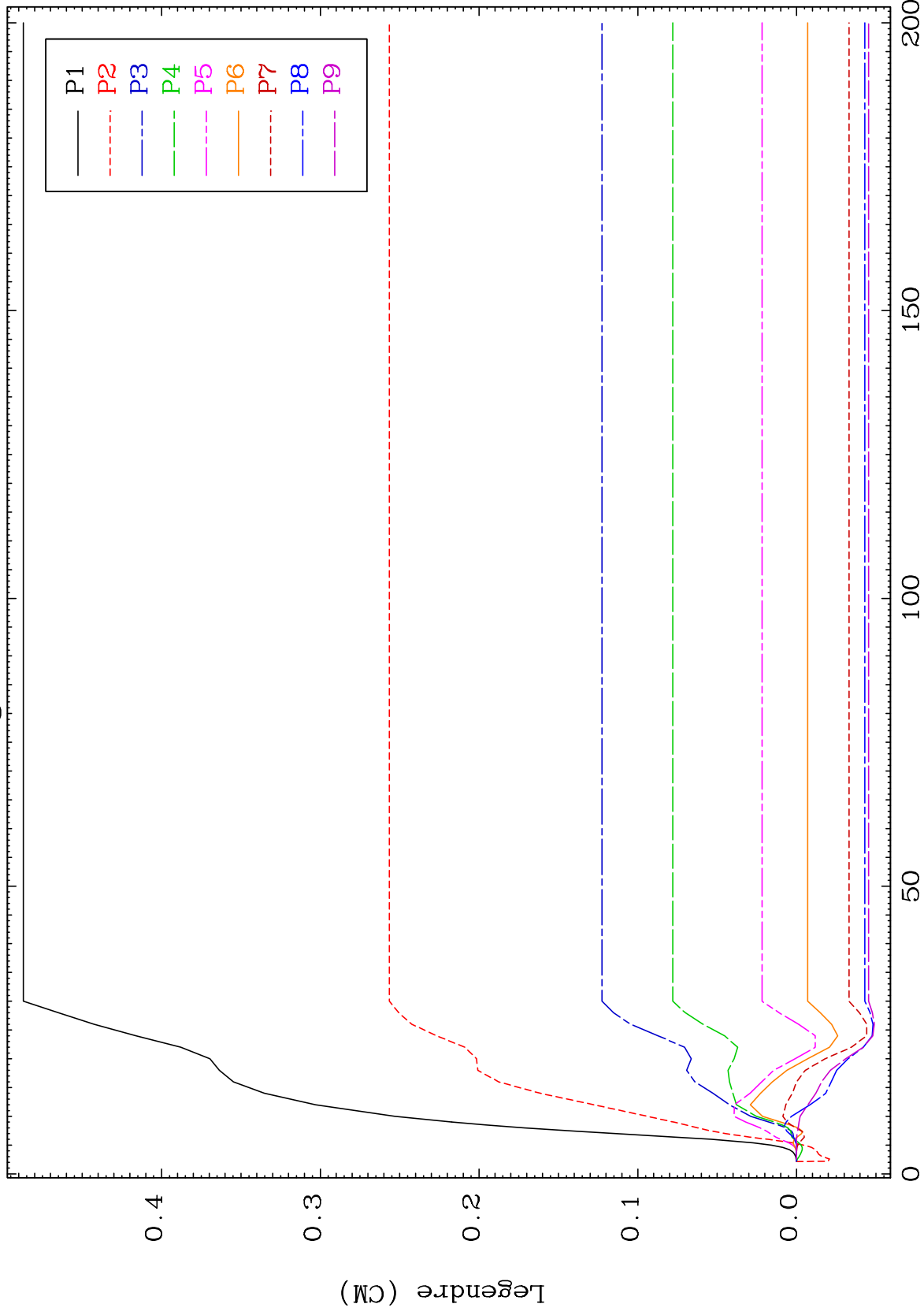




MAT 4137

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

41-Nb-97



88

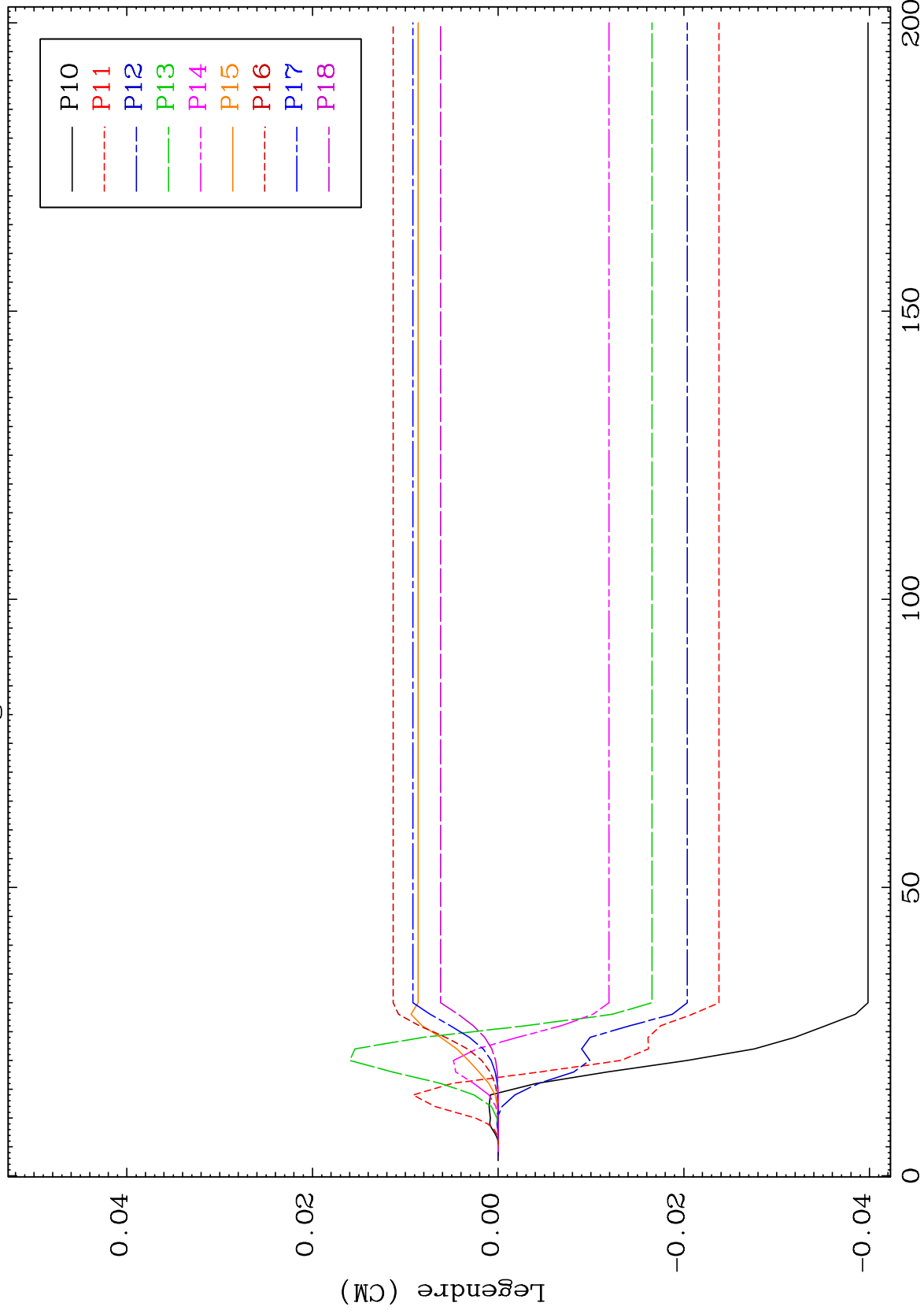
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



89

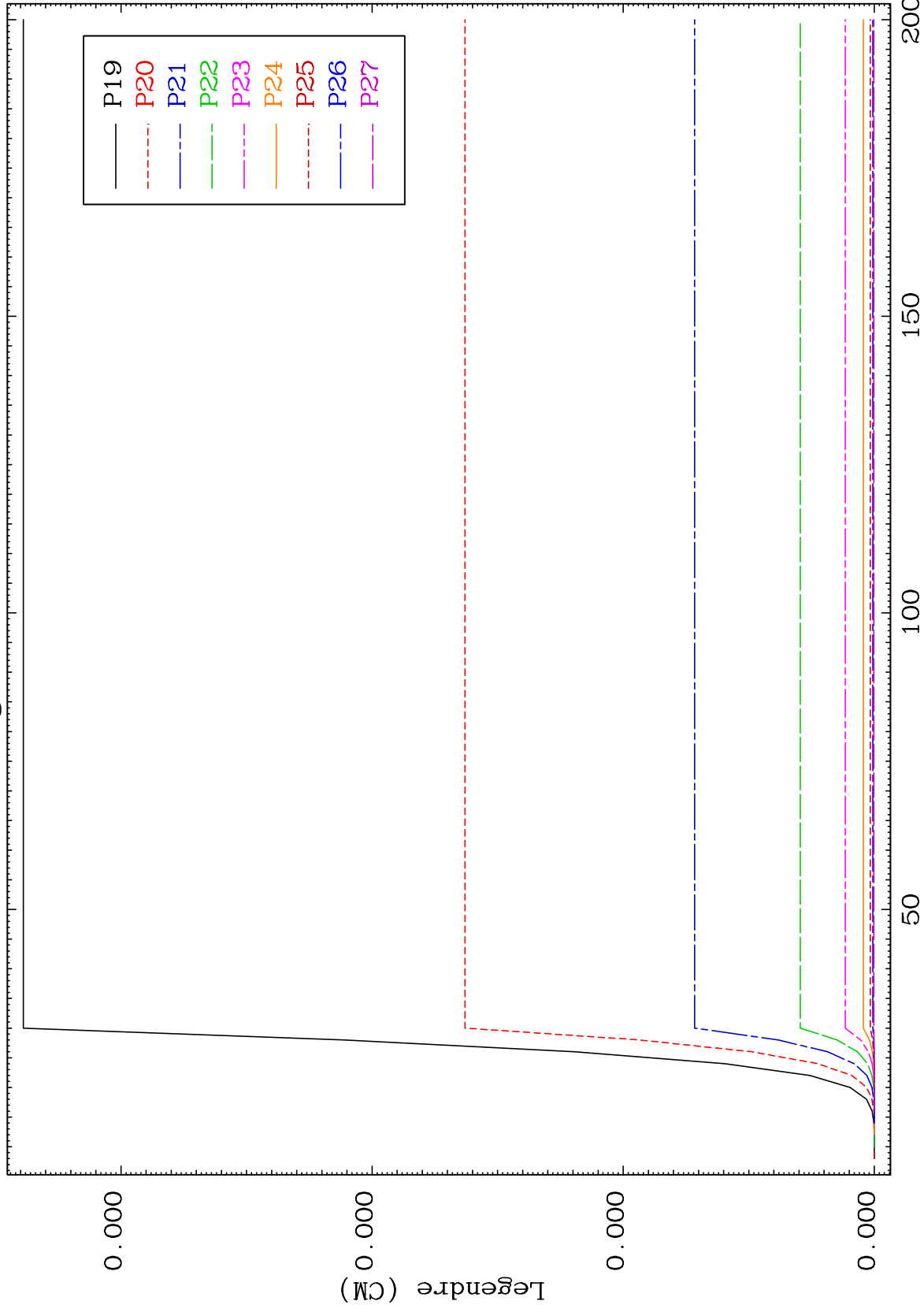
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



90

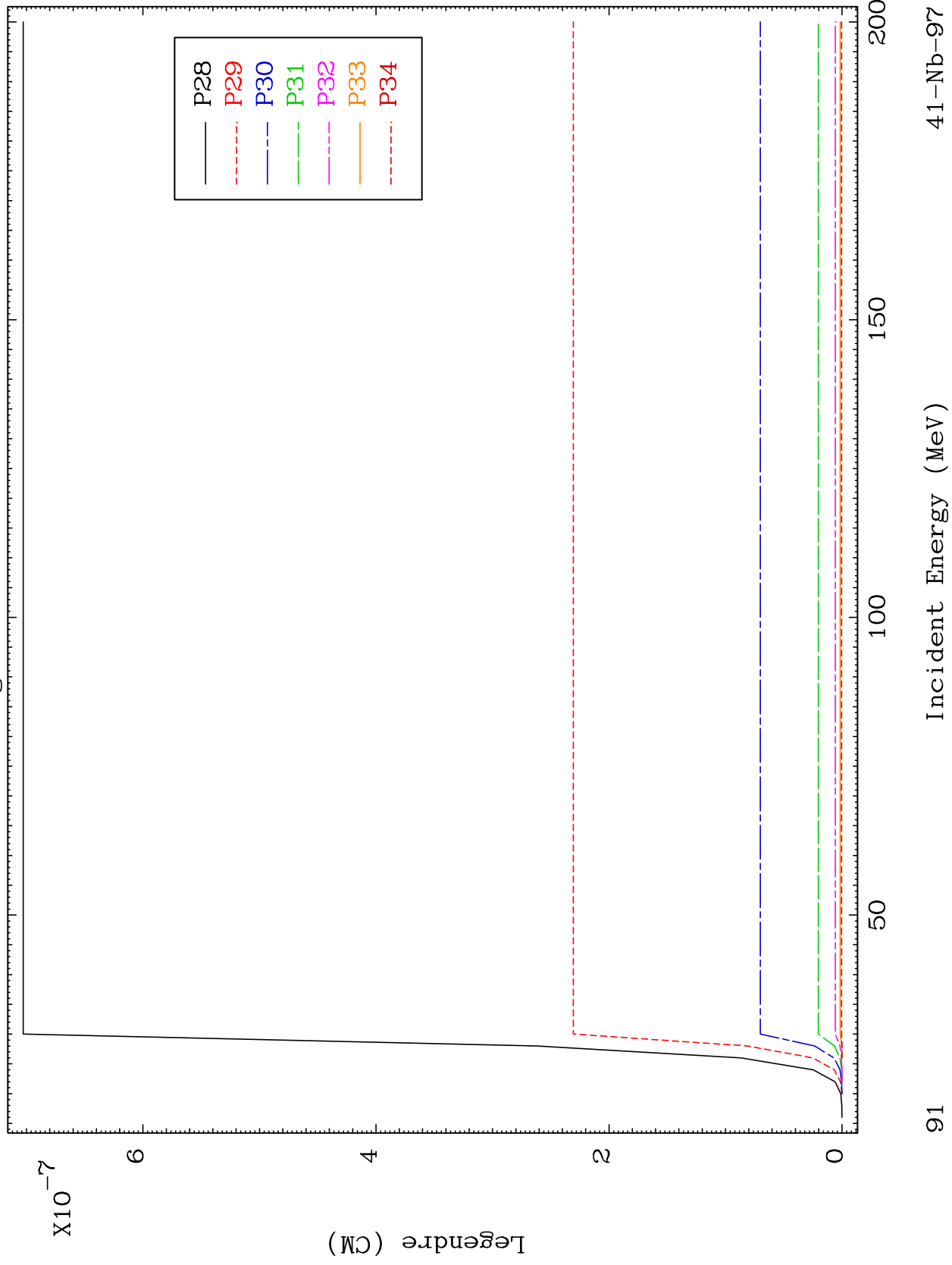
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

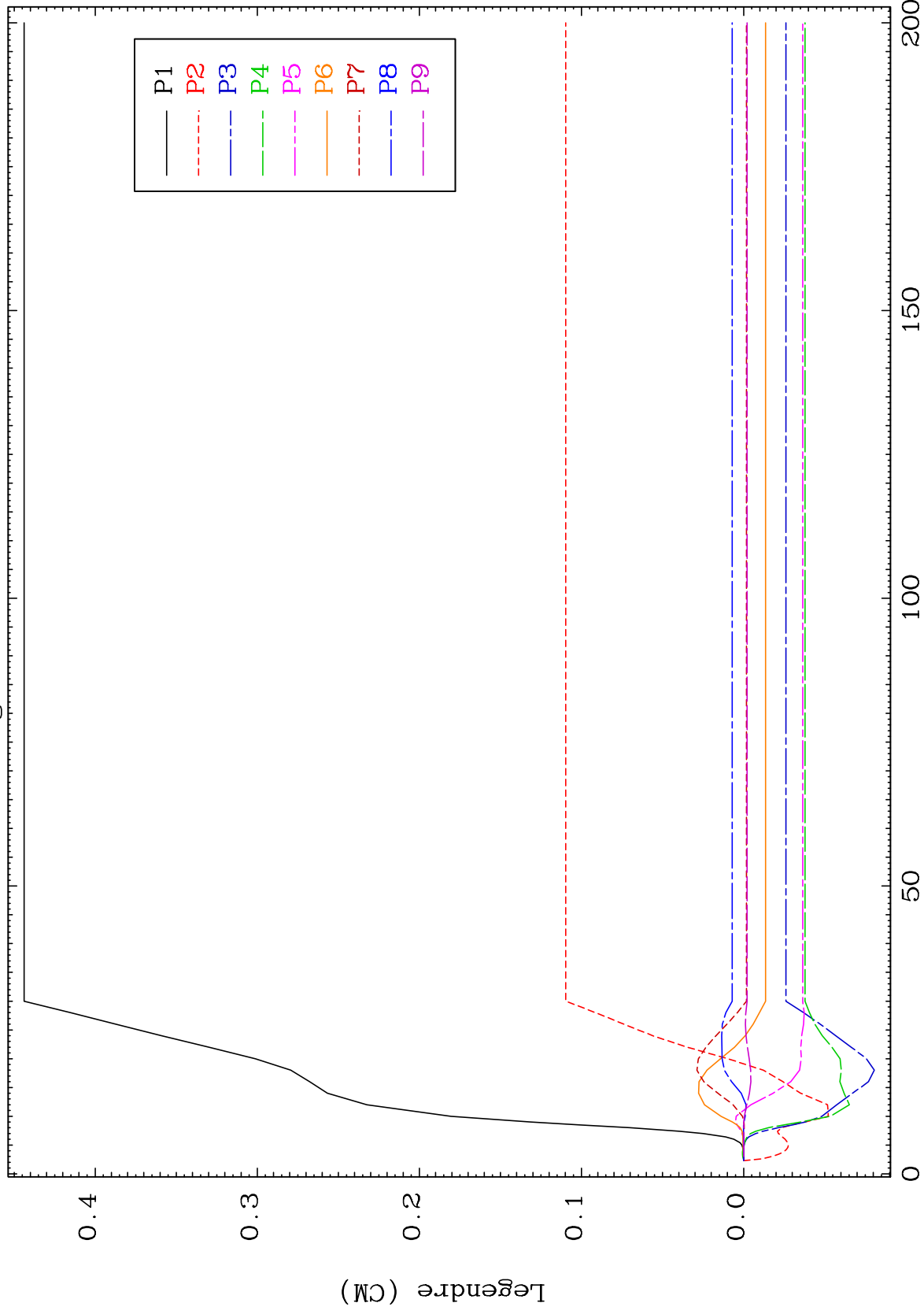
41-Nb-97



MAT 4137

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

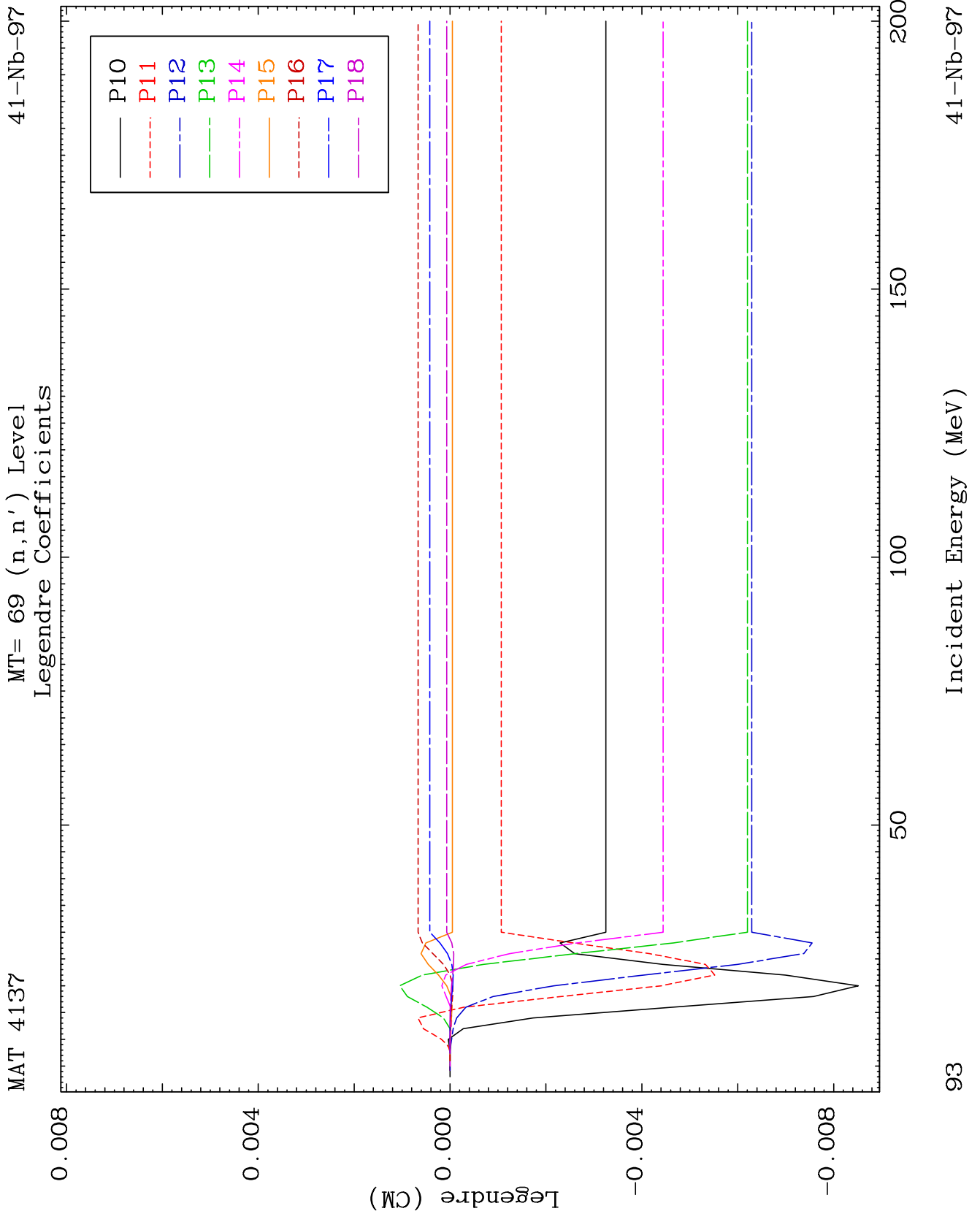
41-Nb-97



92

Incident Energy (MeV)

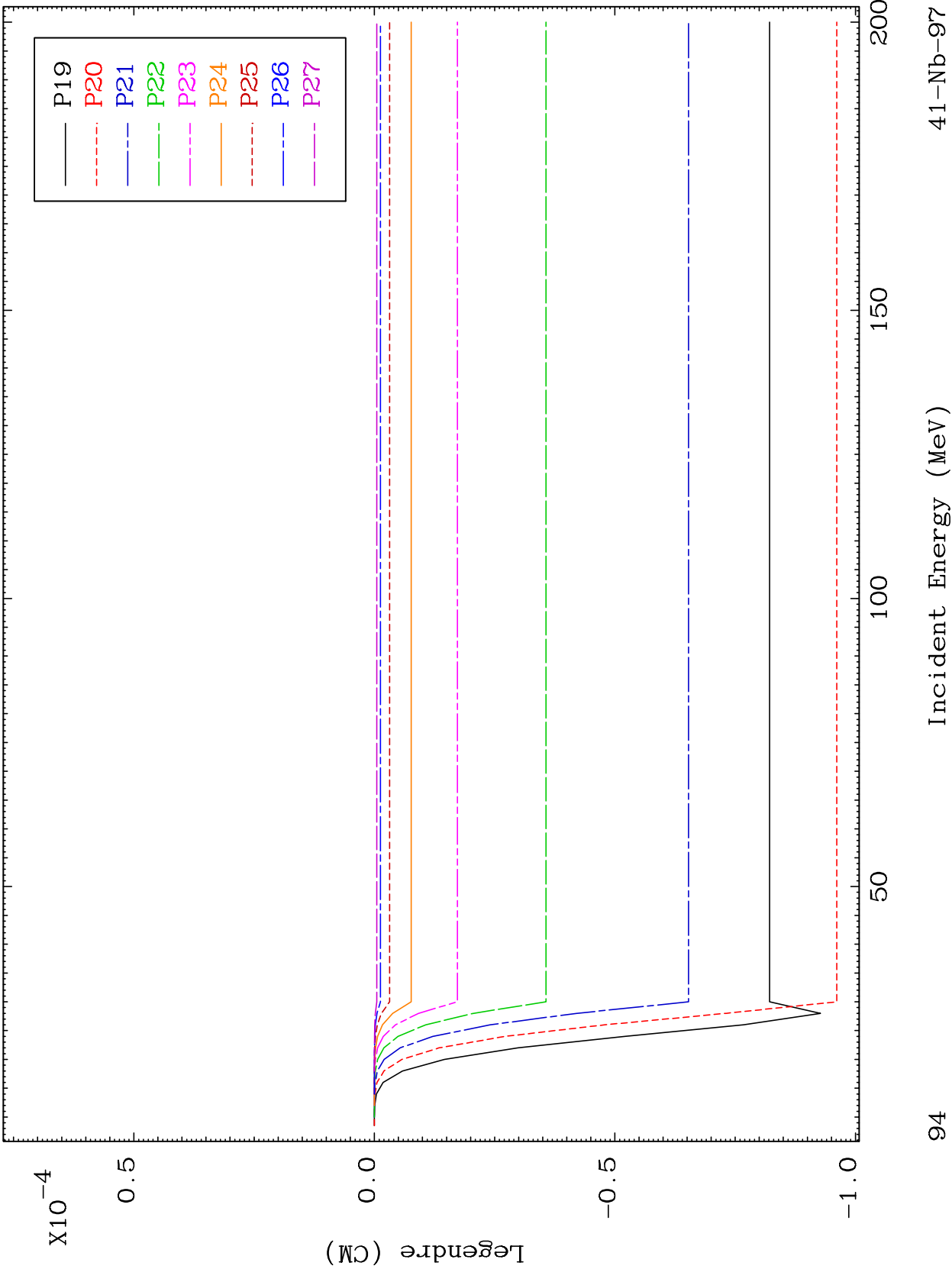
41-Nb-97



MAT 4137

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

41-Nb-97



94

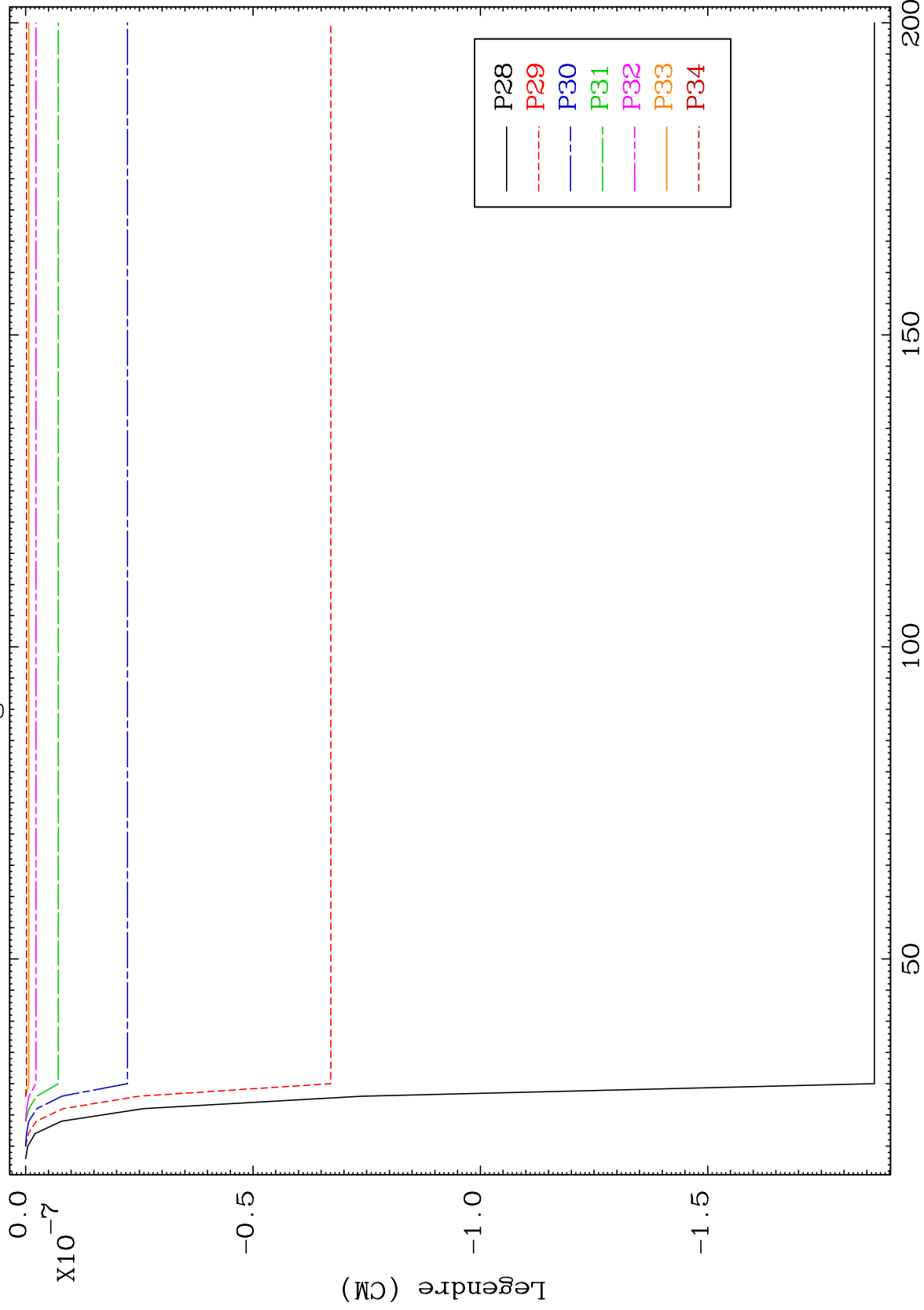
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



95

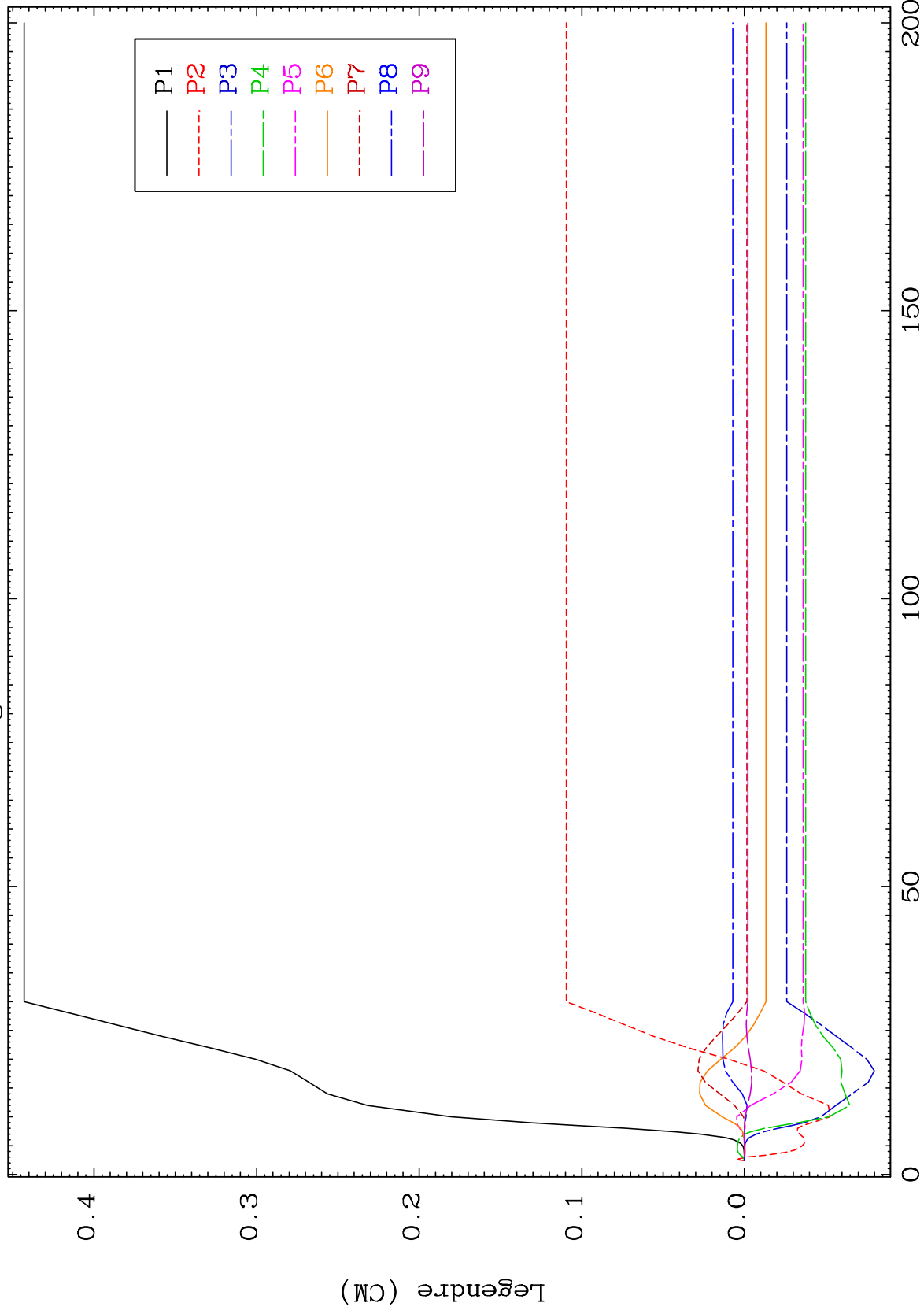
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



96

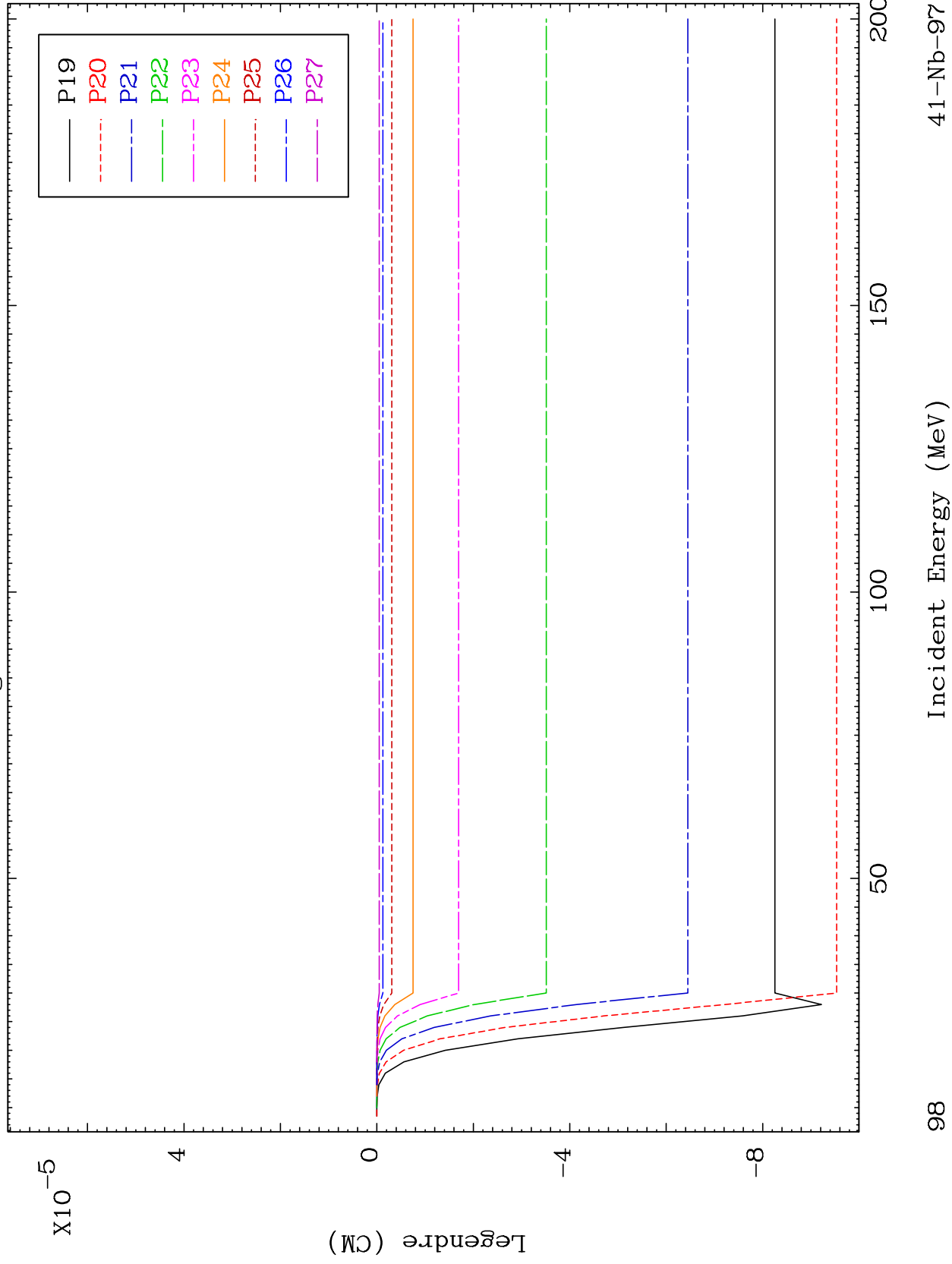
Incident Energy (MeV)

41-Nb-97

MAT 4137

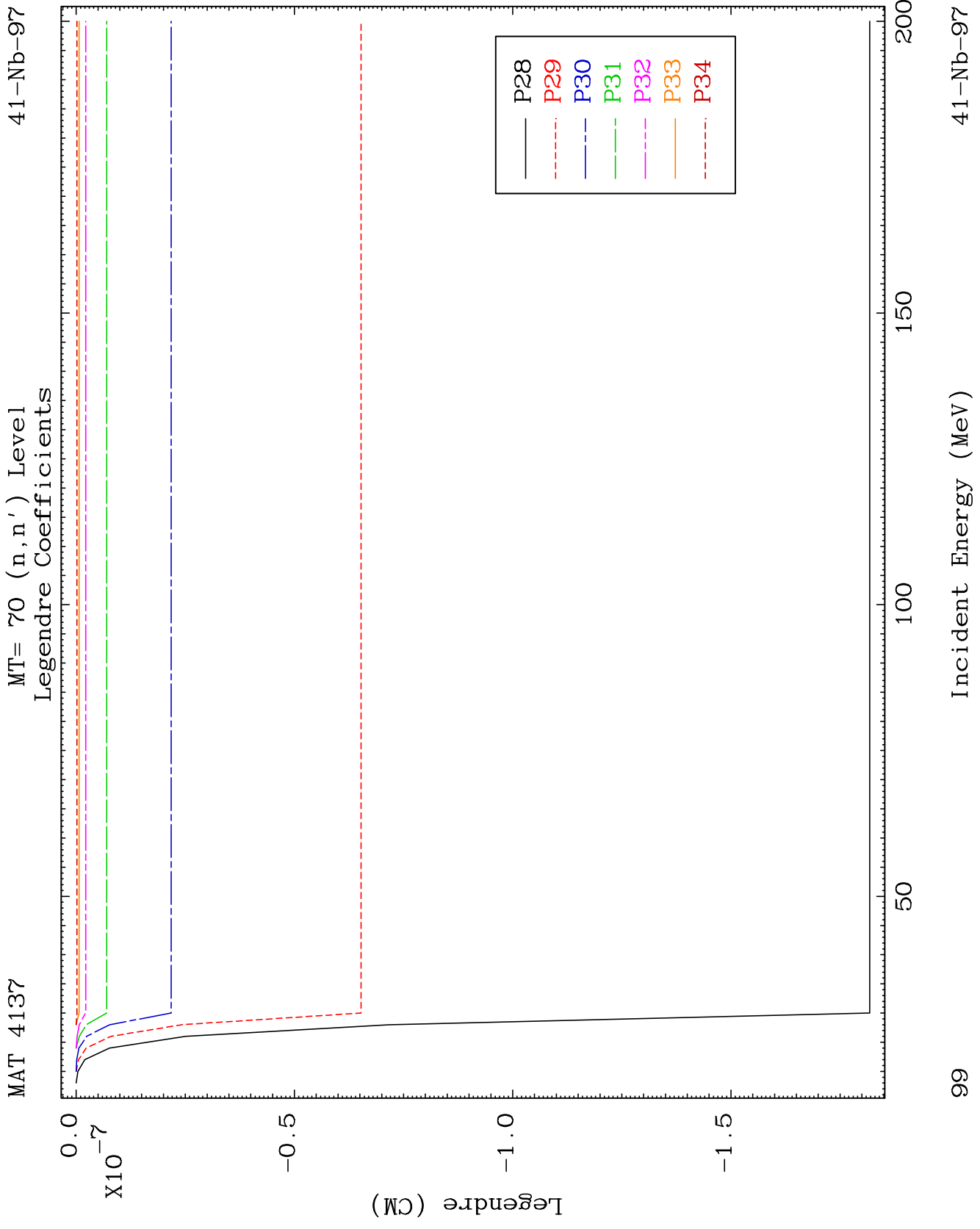
MT= 70 (n,n') Level
Legendre Coefficients

41-Nb-97



98

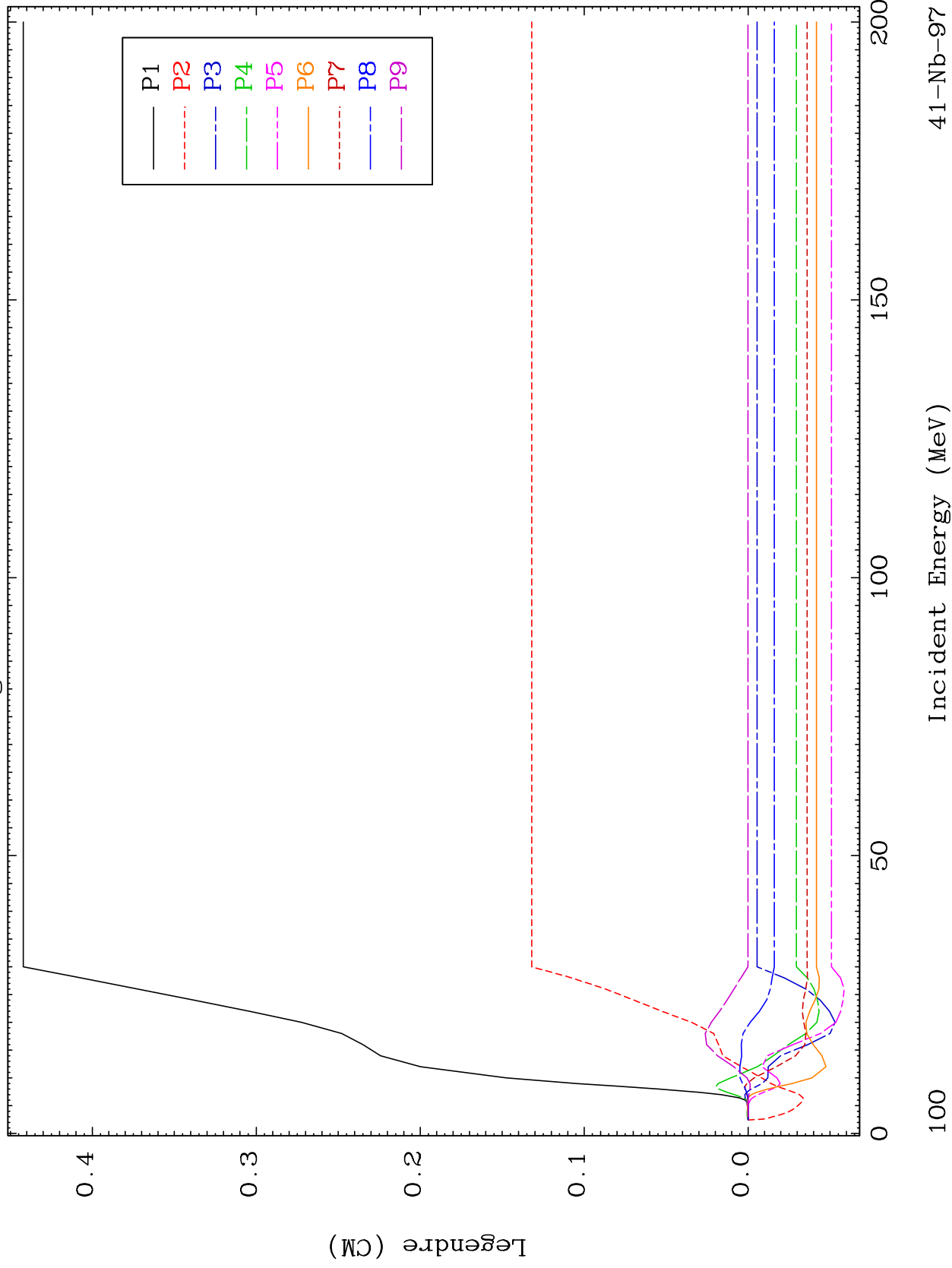
41-Nb-97



MAT 4137

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

41-Nb-97

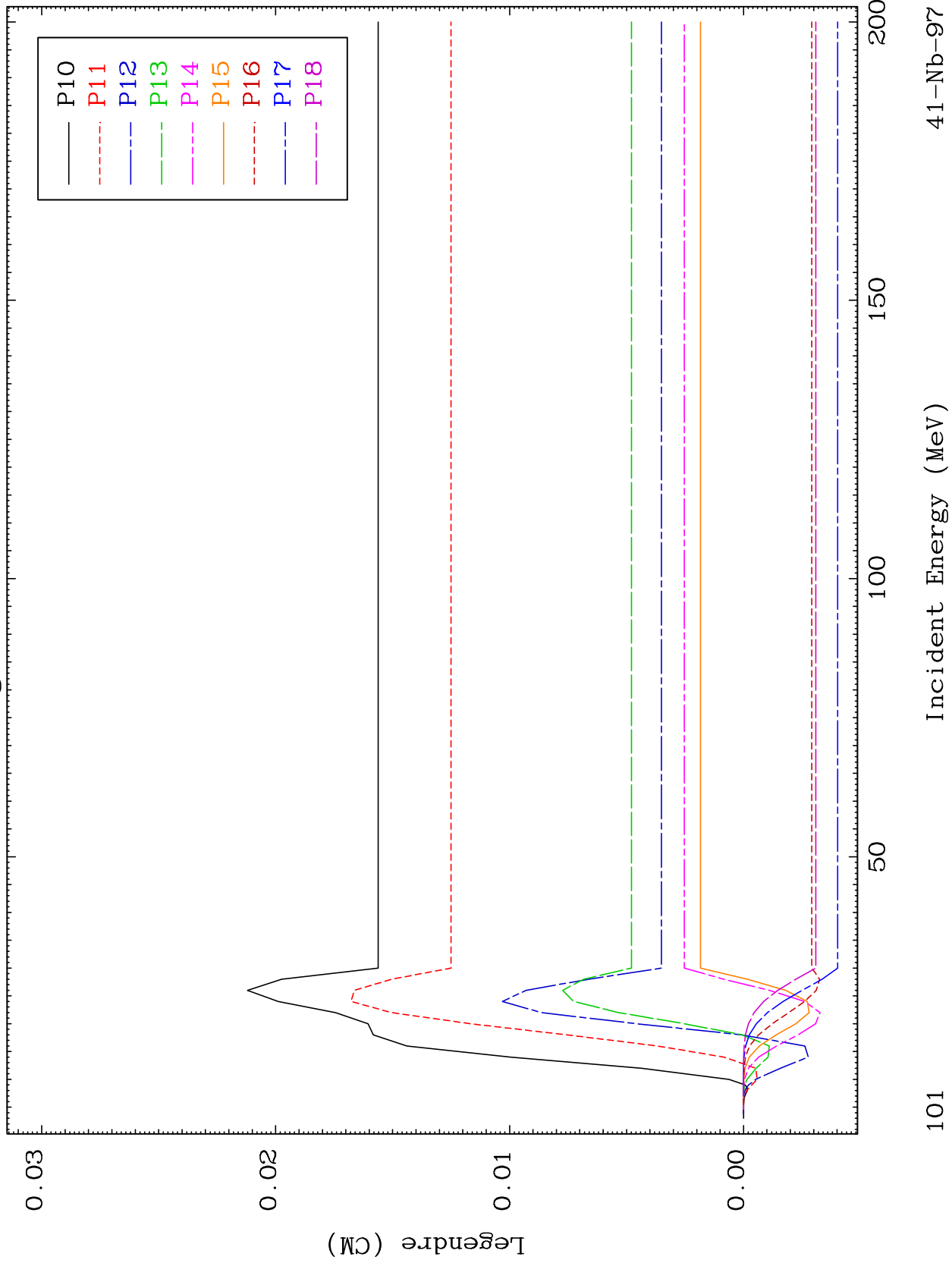


41-Nb-97

MAT 4137

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

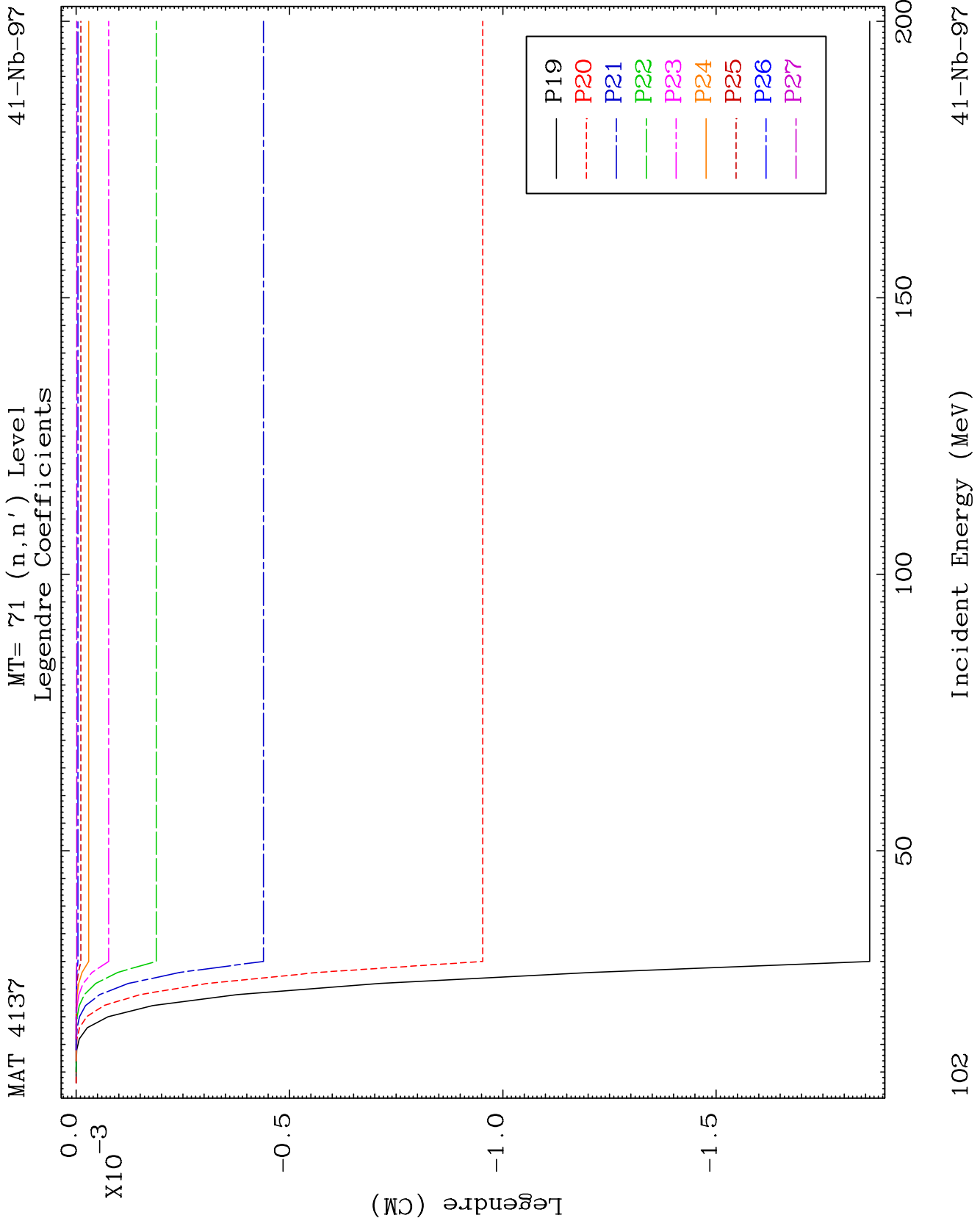
41-Nb-97

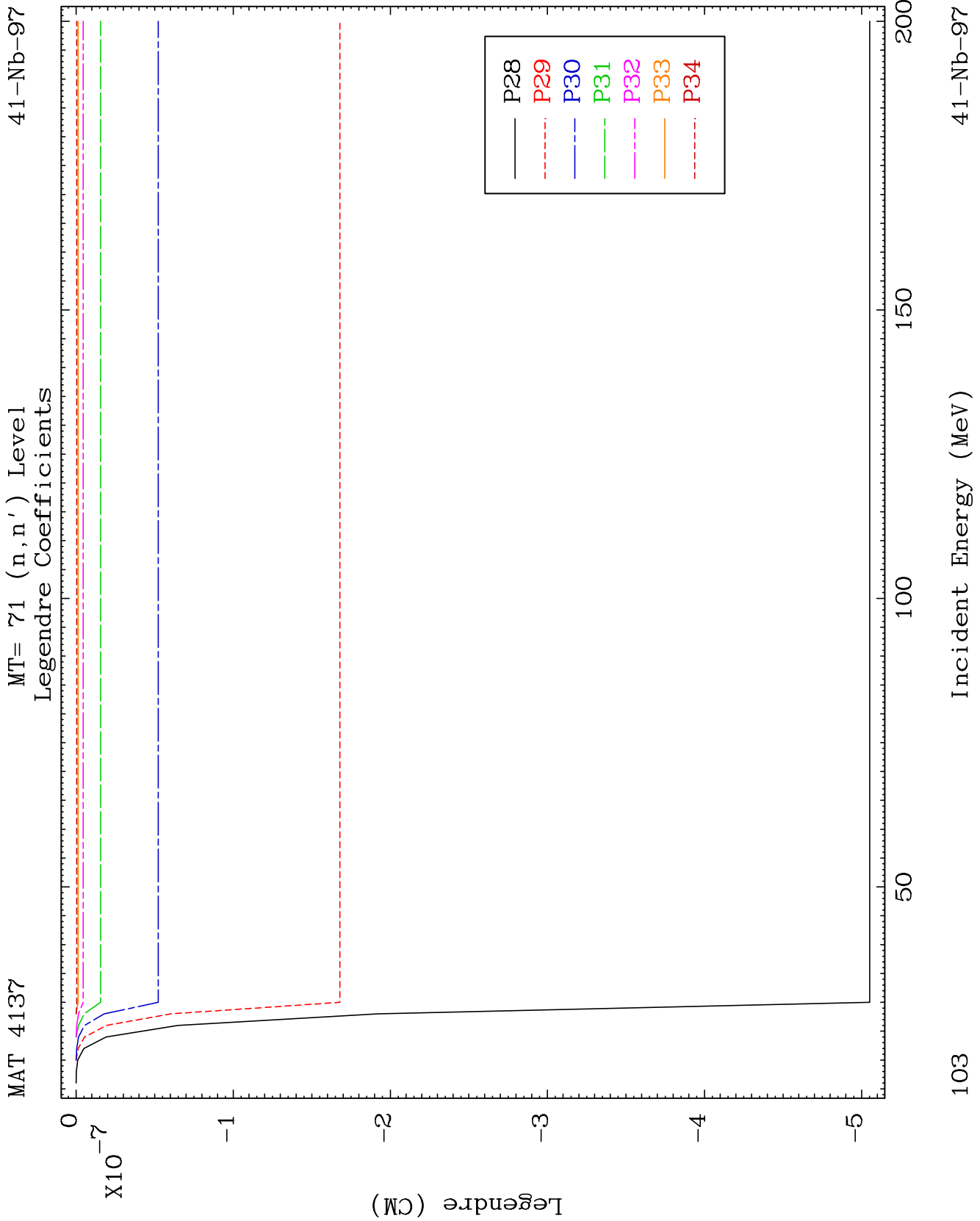


101

Incident Energy (MeV)

41-Nb-97

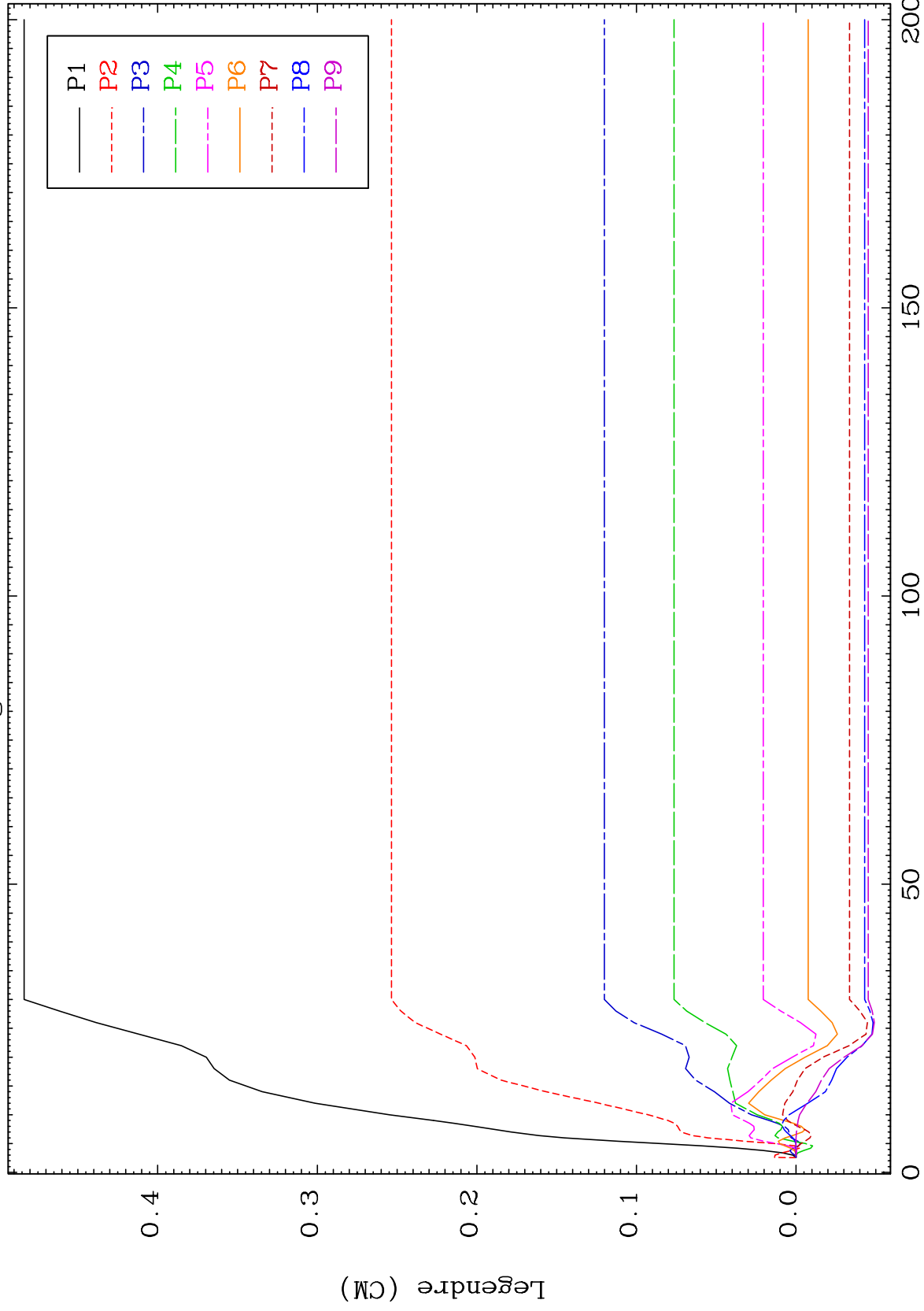




MAT 4137

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

41-Nb-97



104

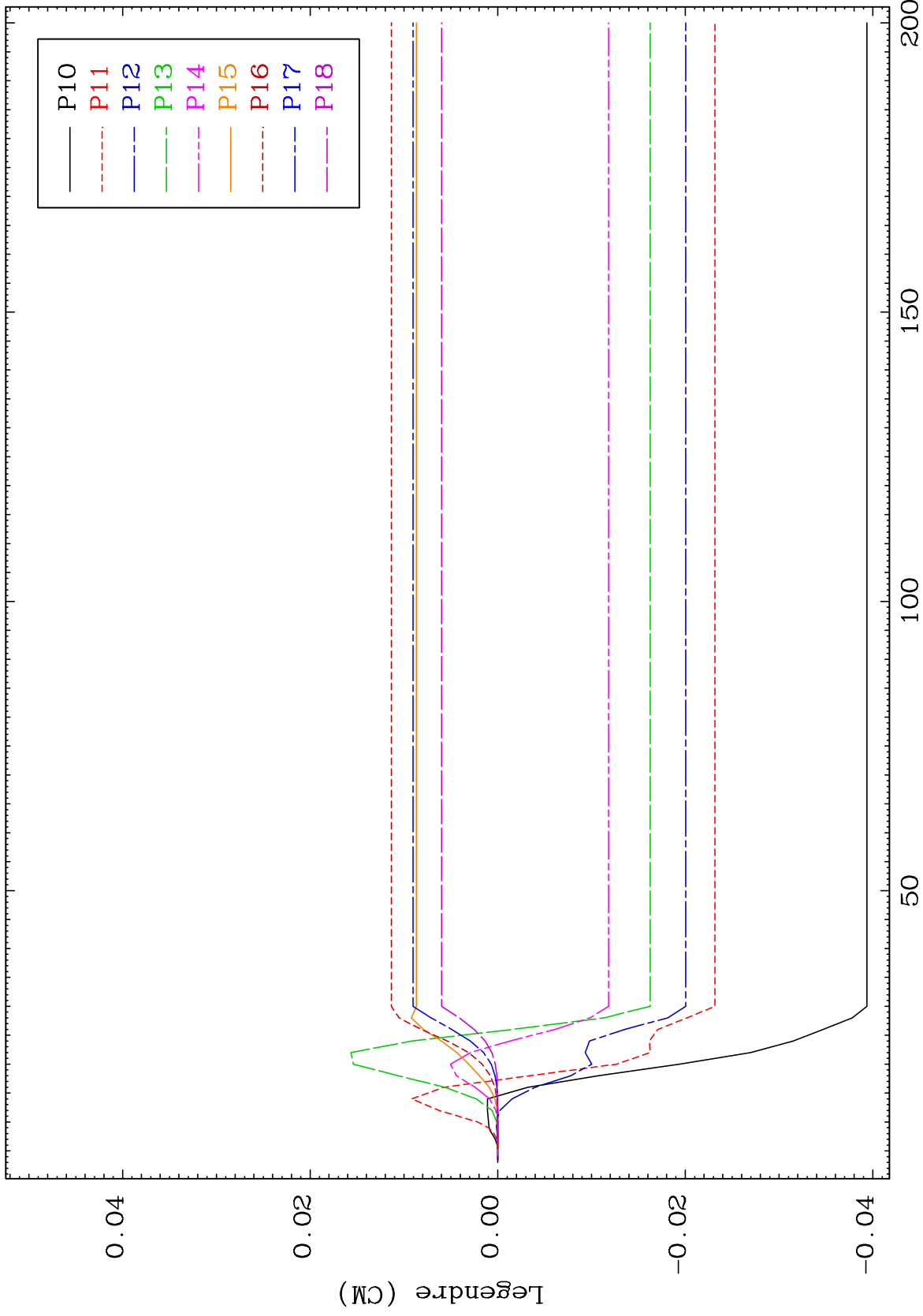
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



105

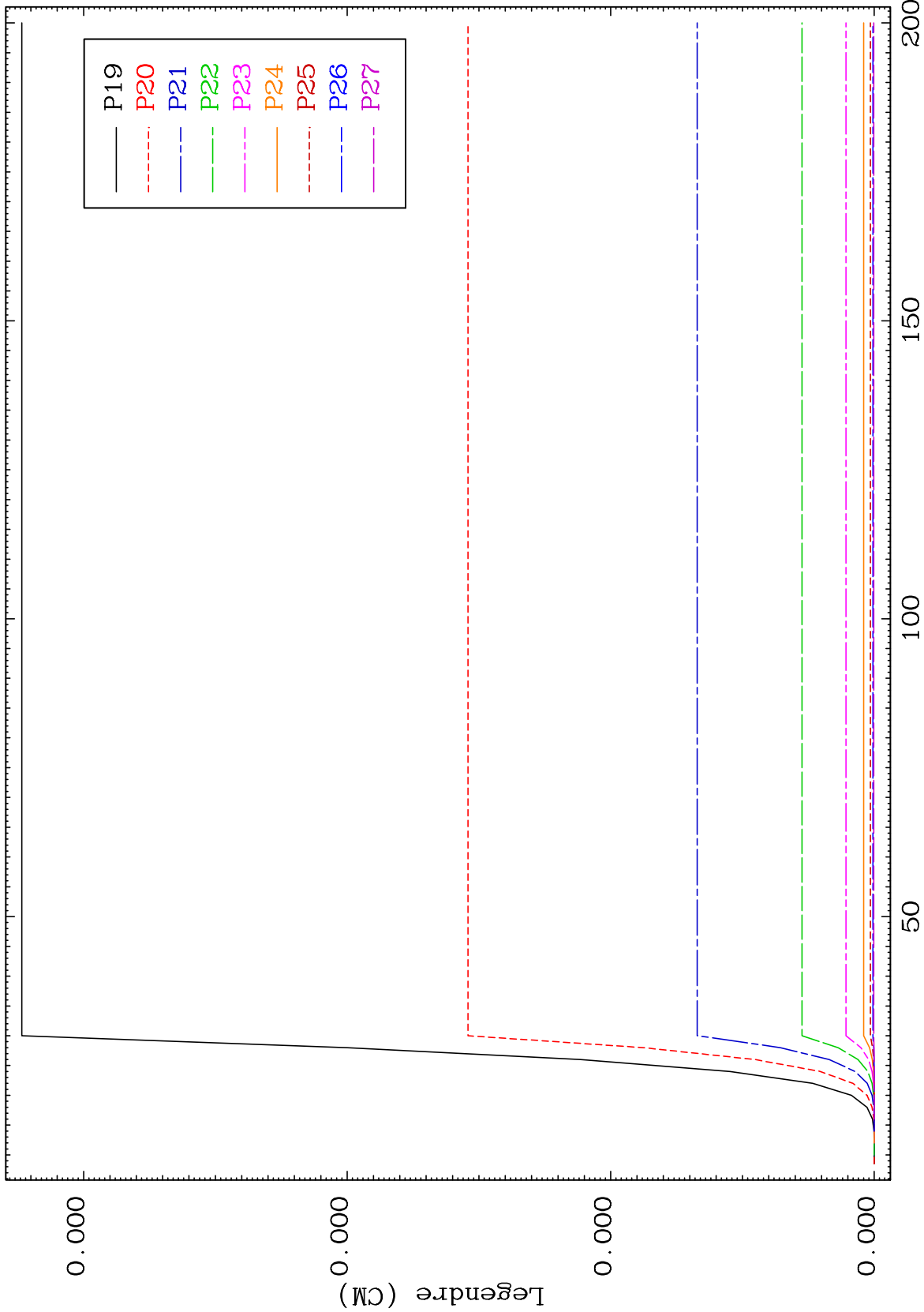
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



106

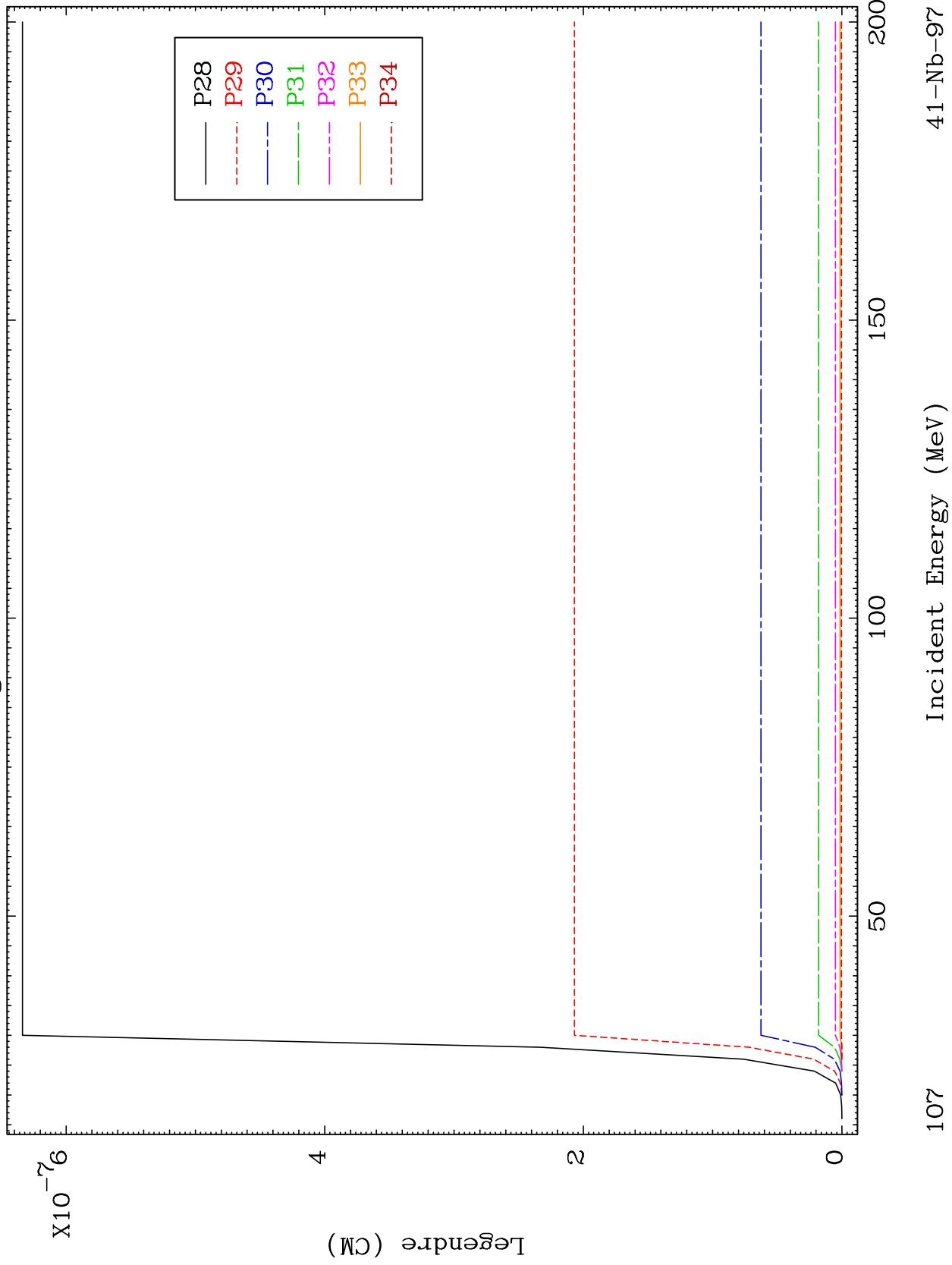
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



107

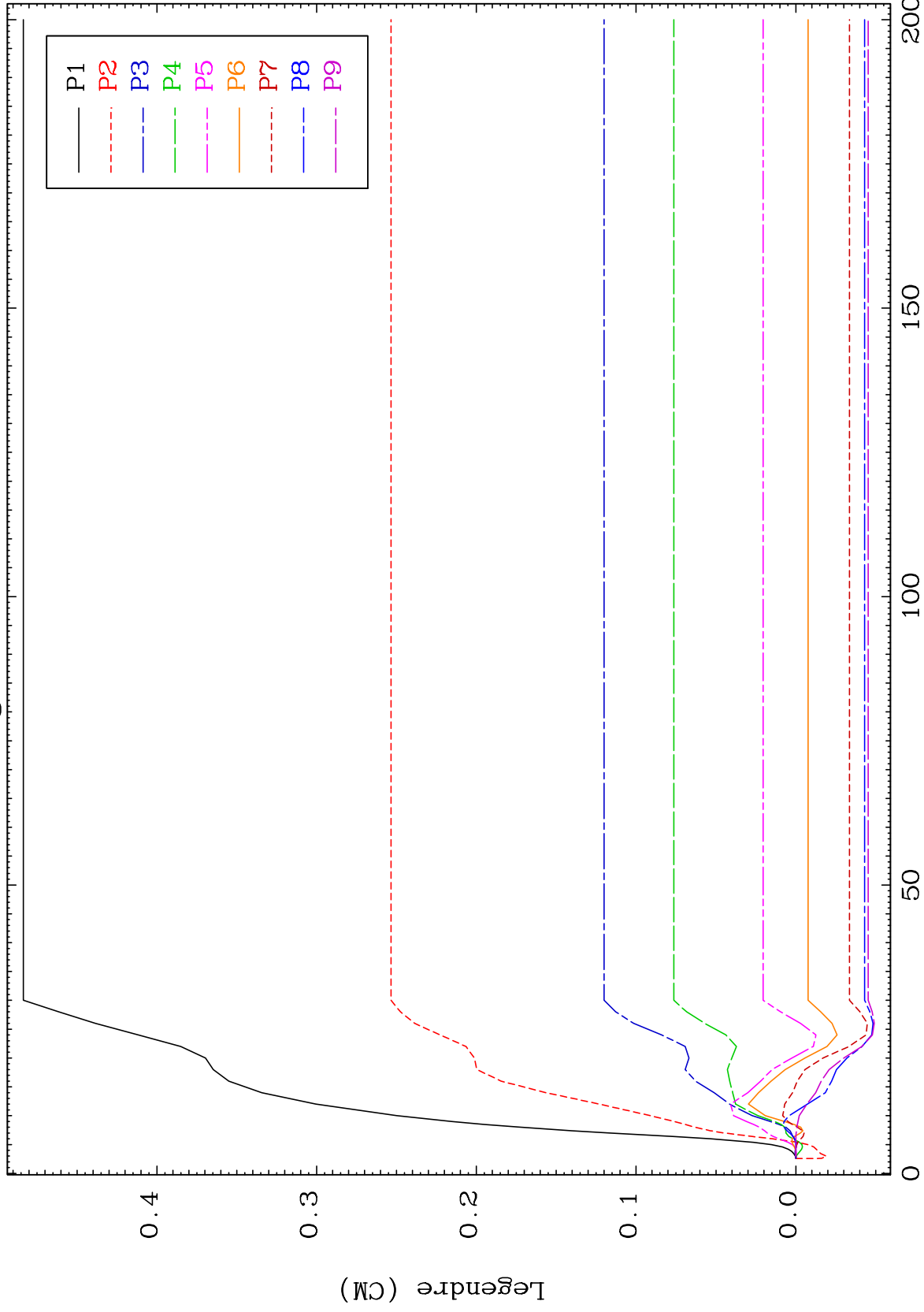
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



108

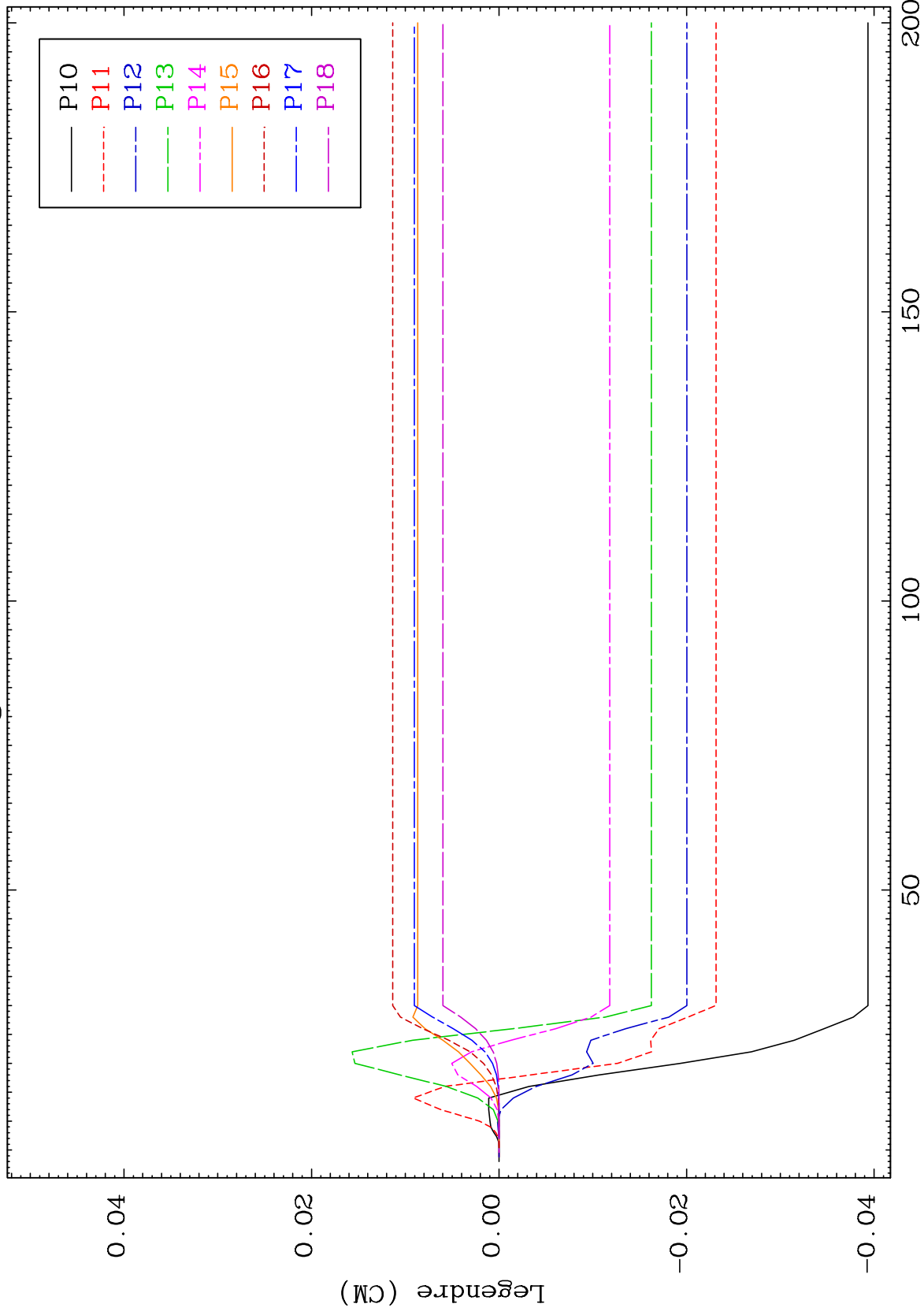
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



109

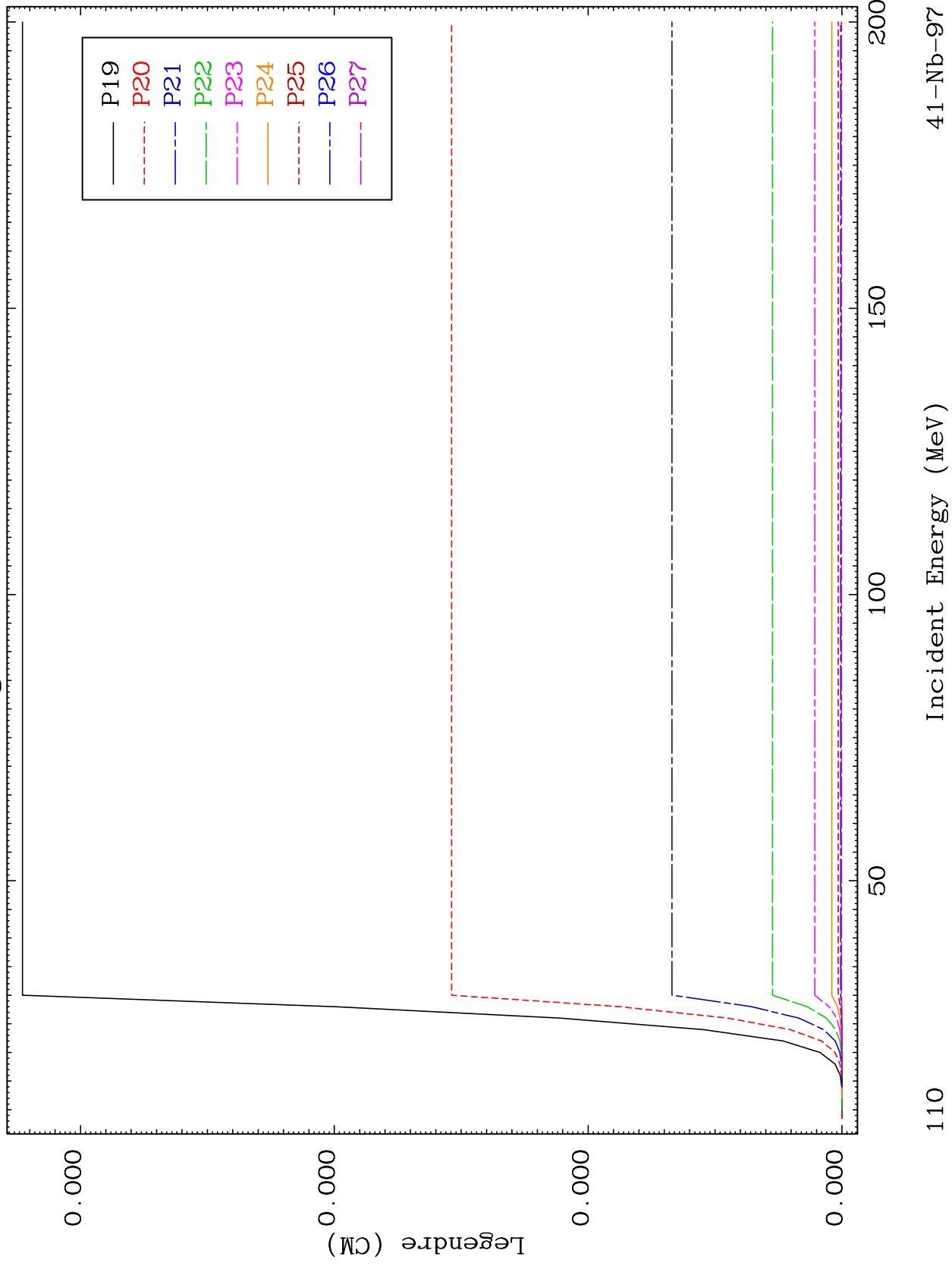
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



110

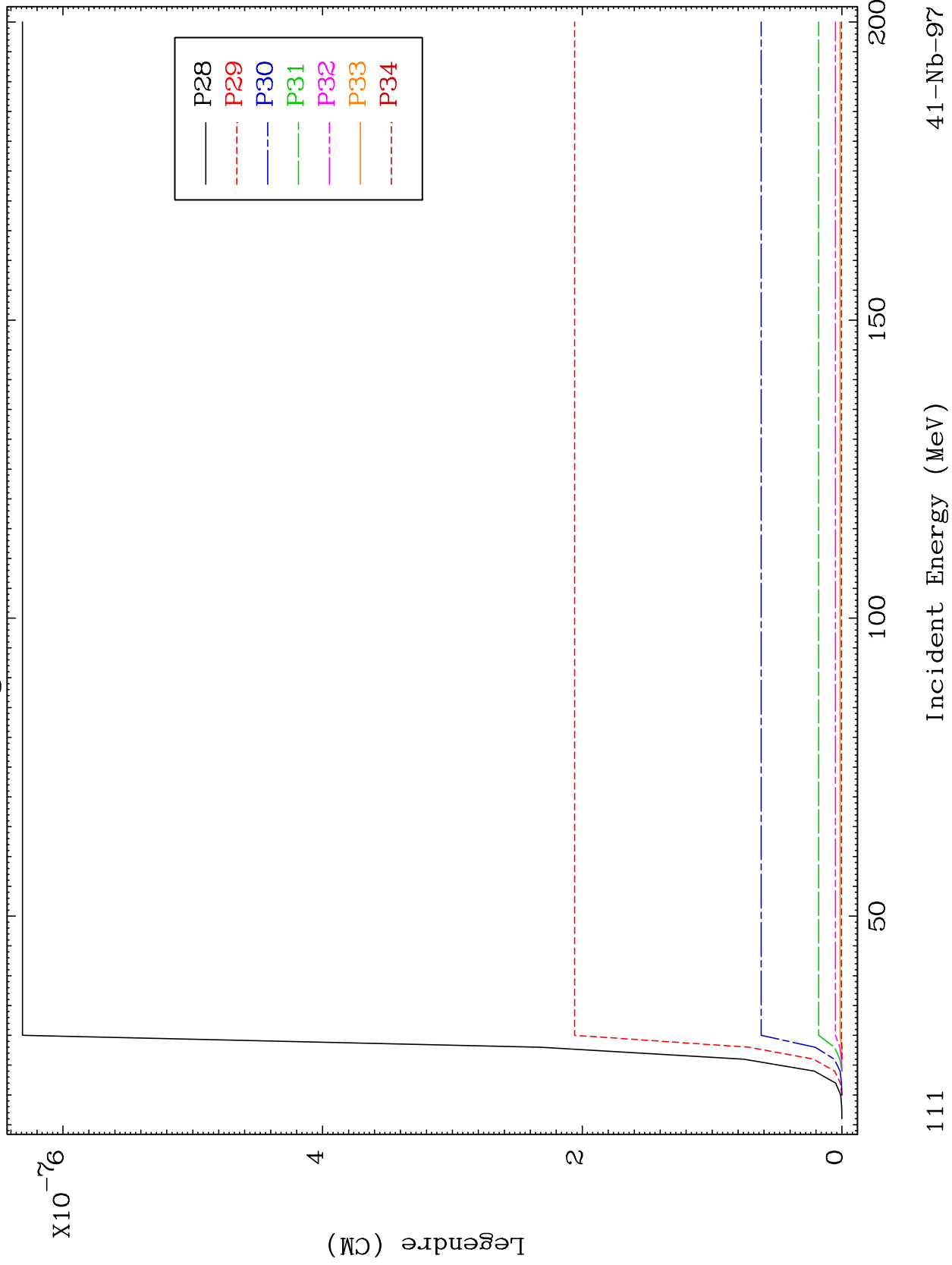
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97

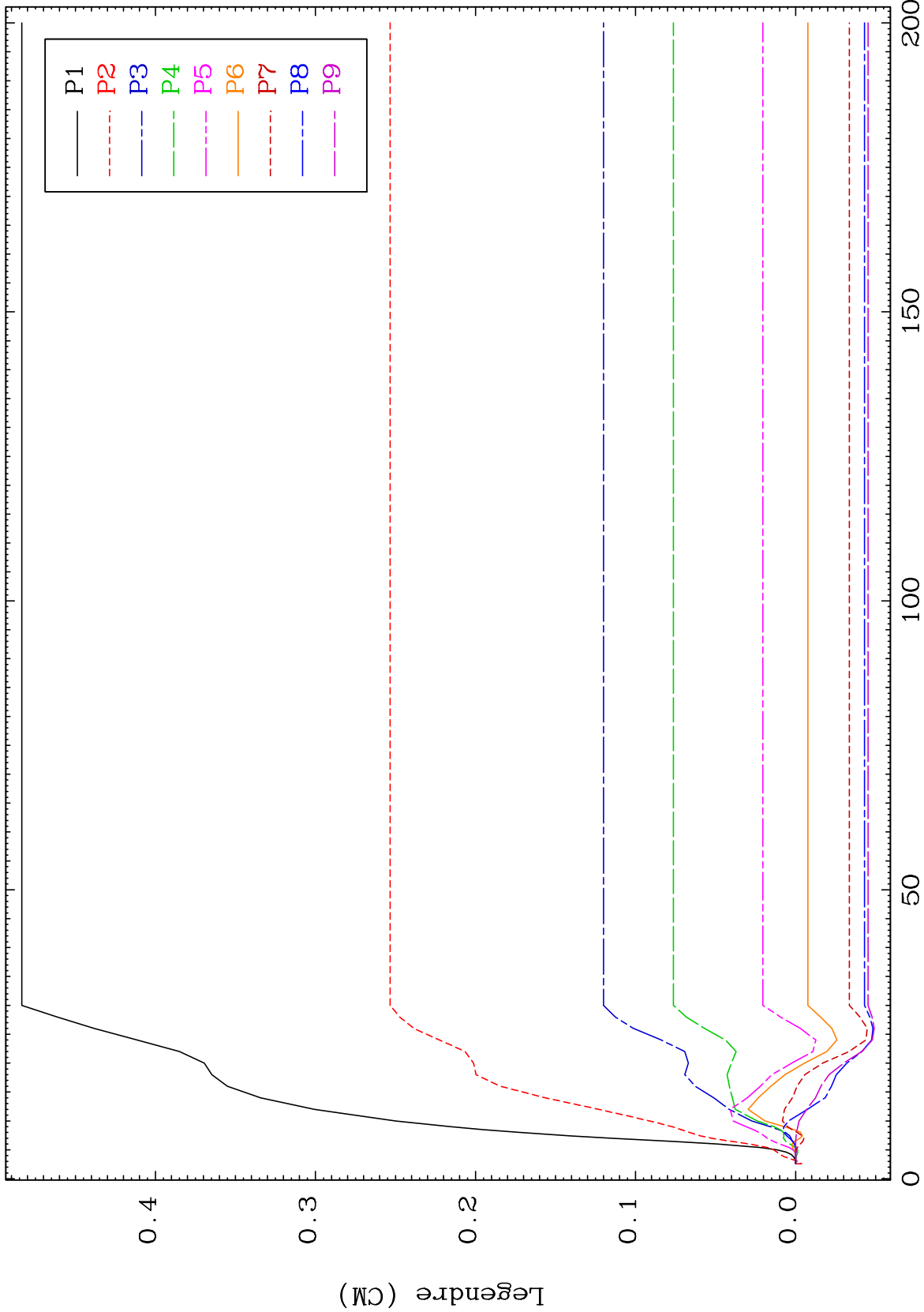


111

MAT 4137

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

41-Nb-97



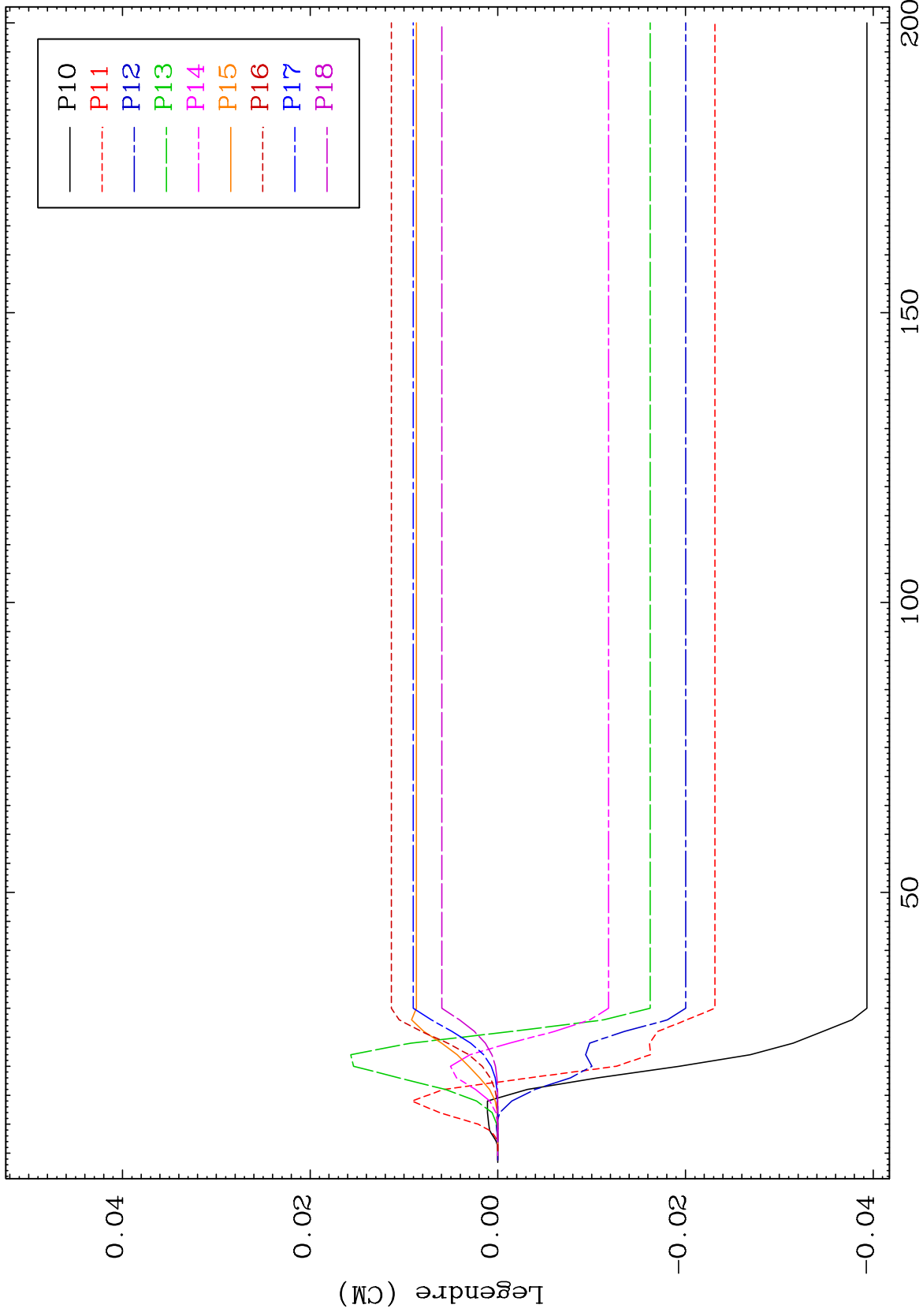
112

41-Nb-97

MAT 4137

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

41-Nb-97



113

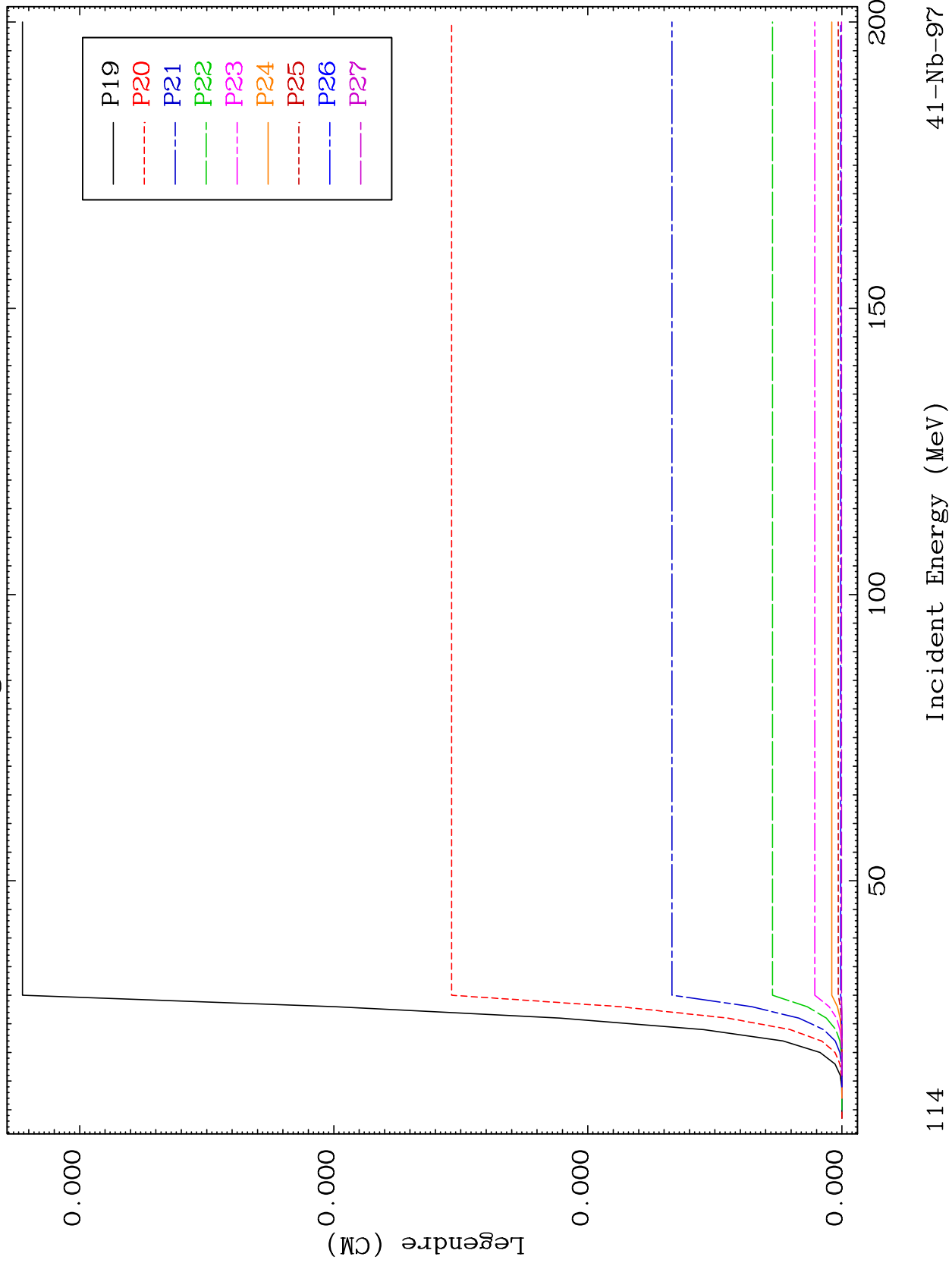
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



114

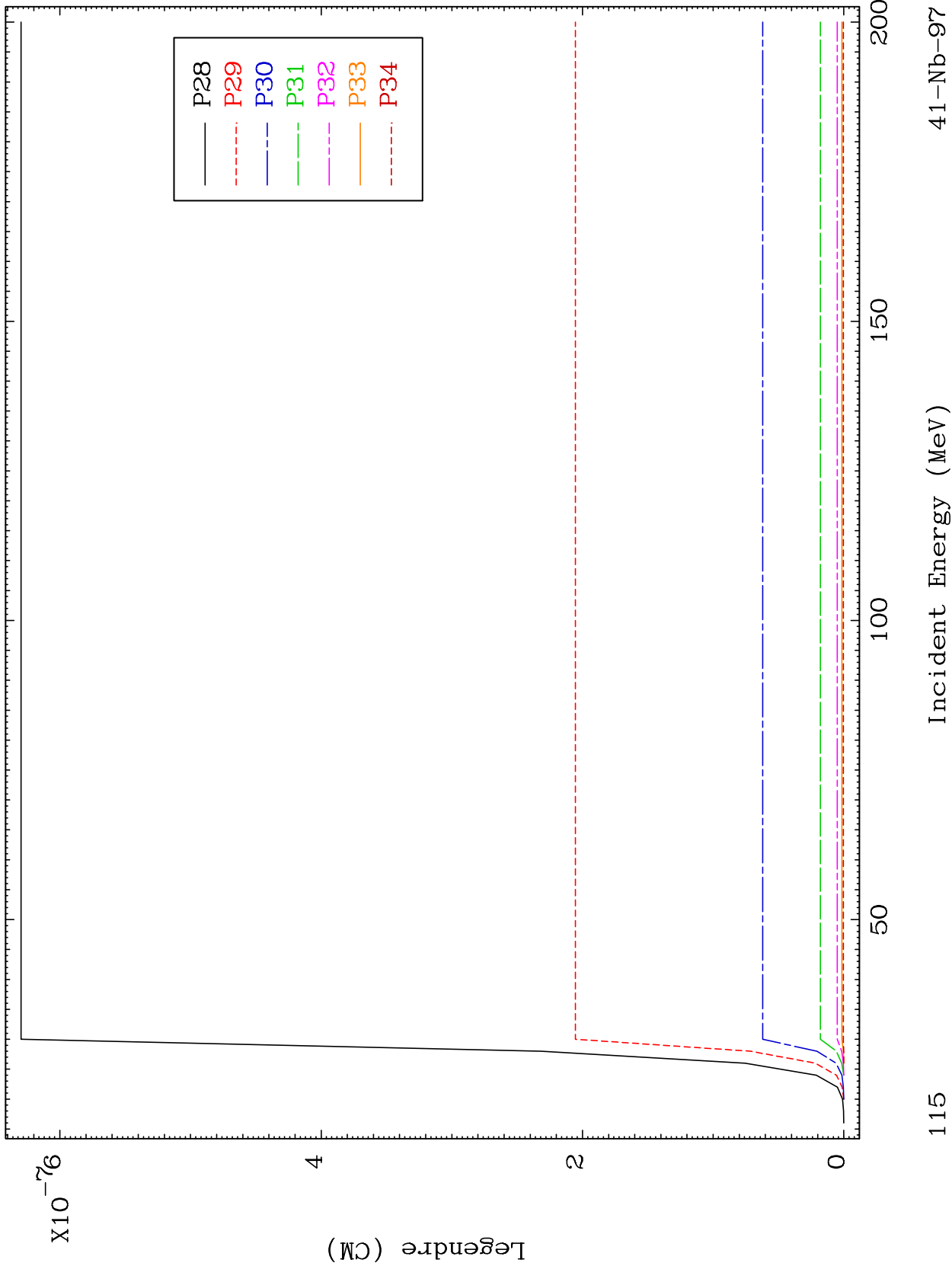
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



115

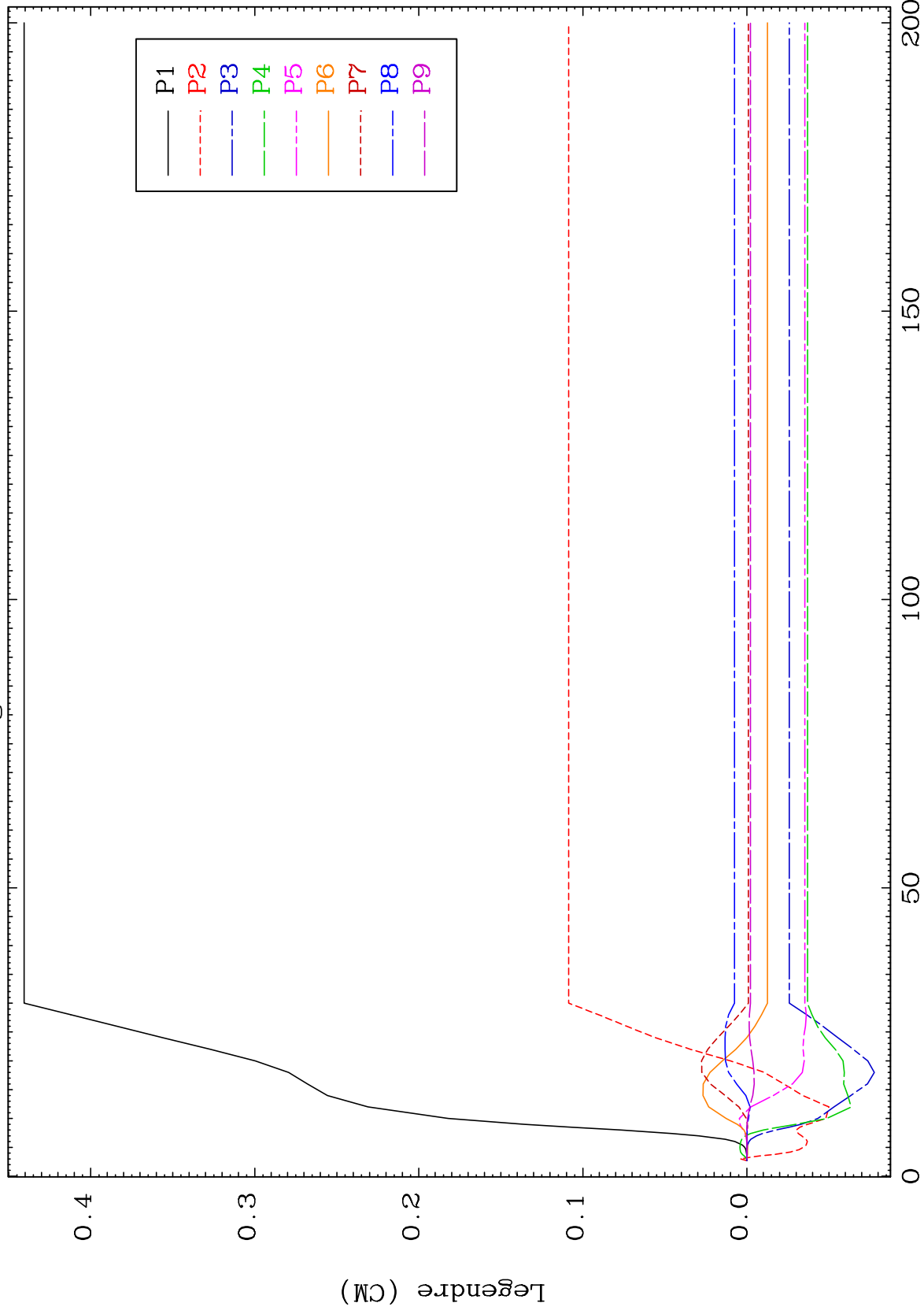
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



116

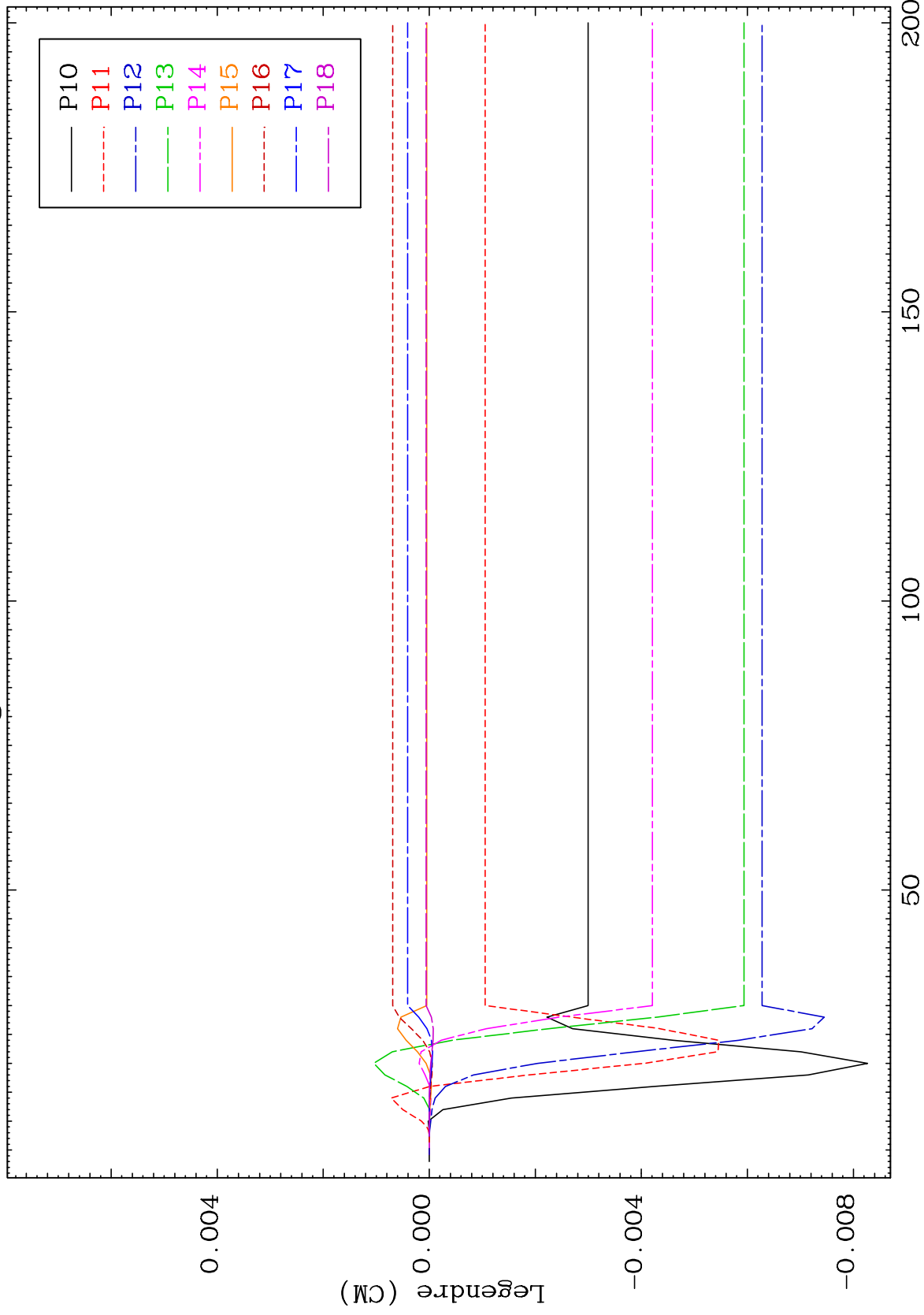
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



117

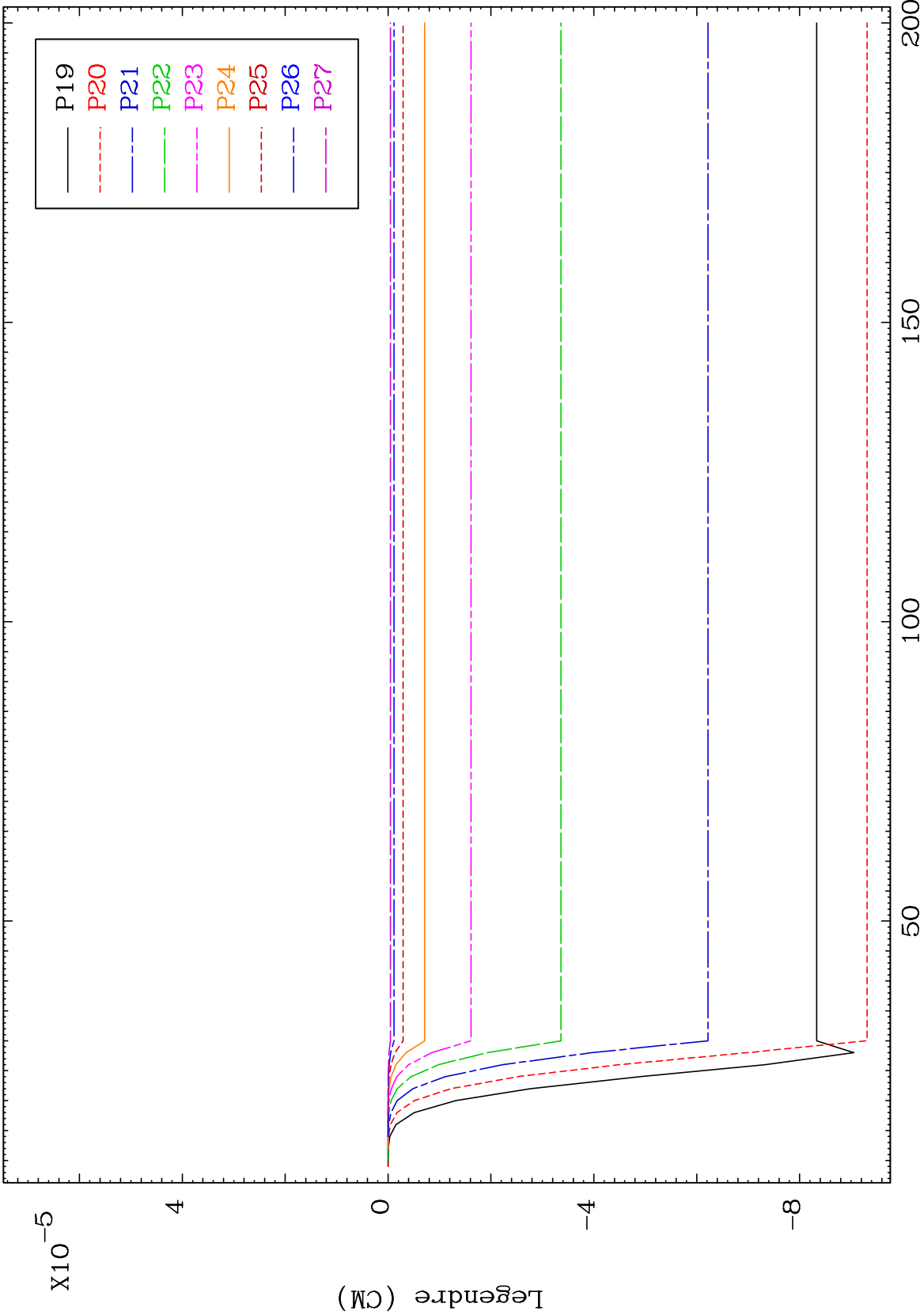
Incident Energy (MeV)

41-Nb-97

MAT 4137

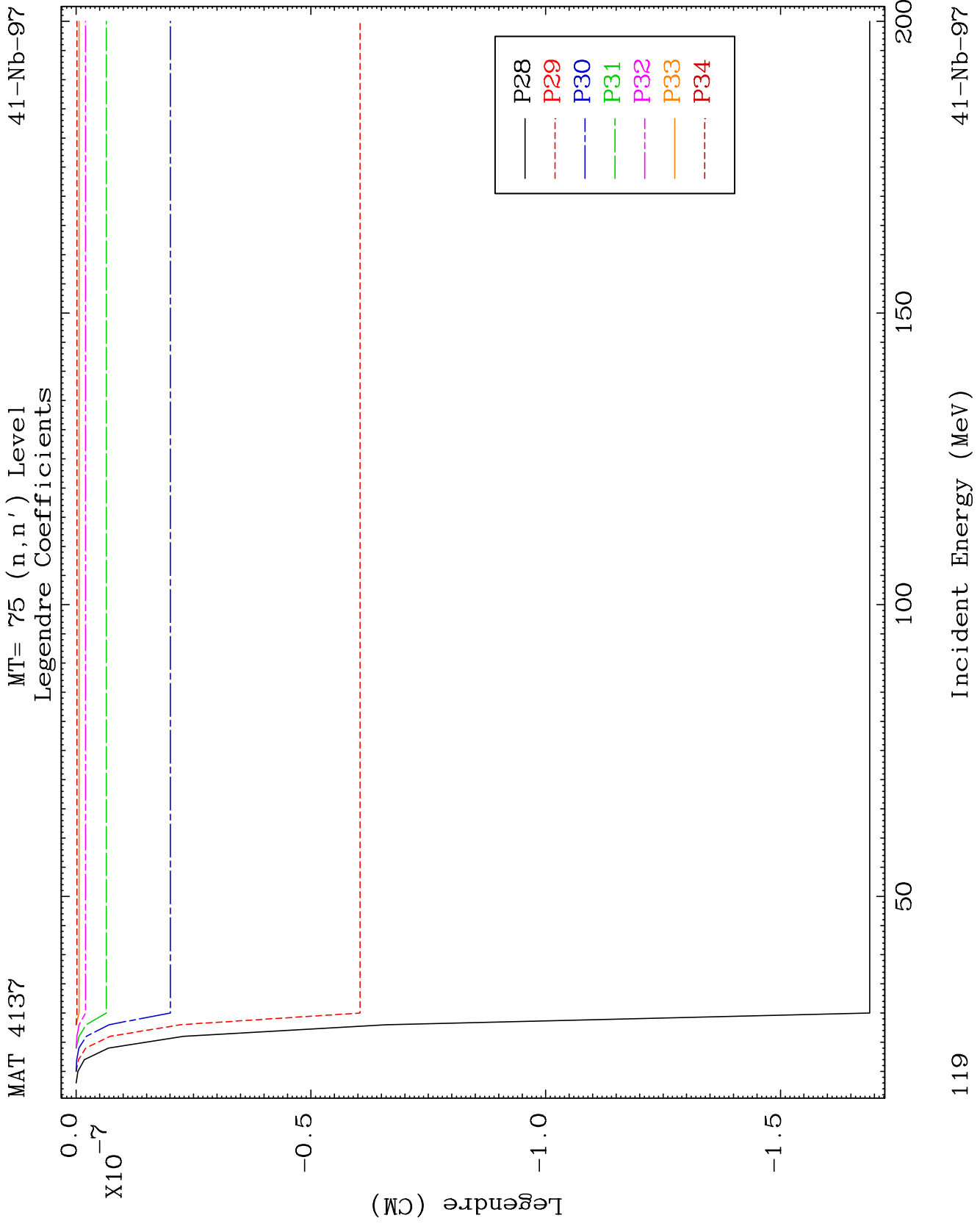
MT= 75 (n,n') Level
Legendre Coefficients

41-Nb-97



118

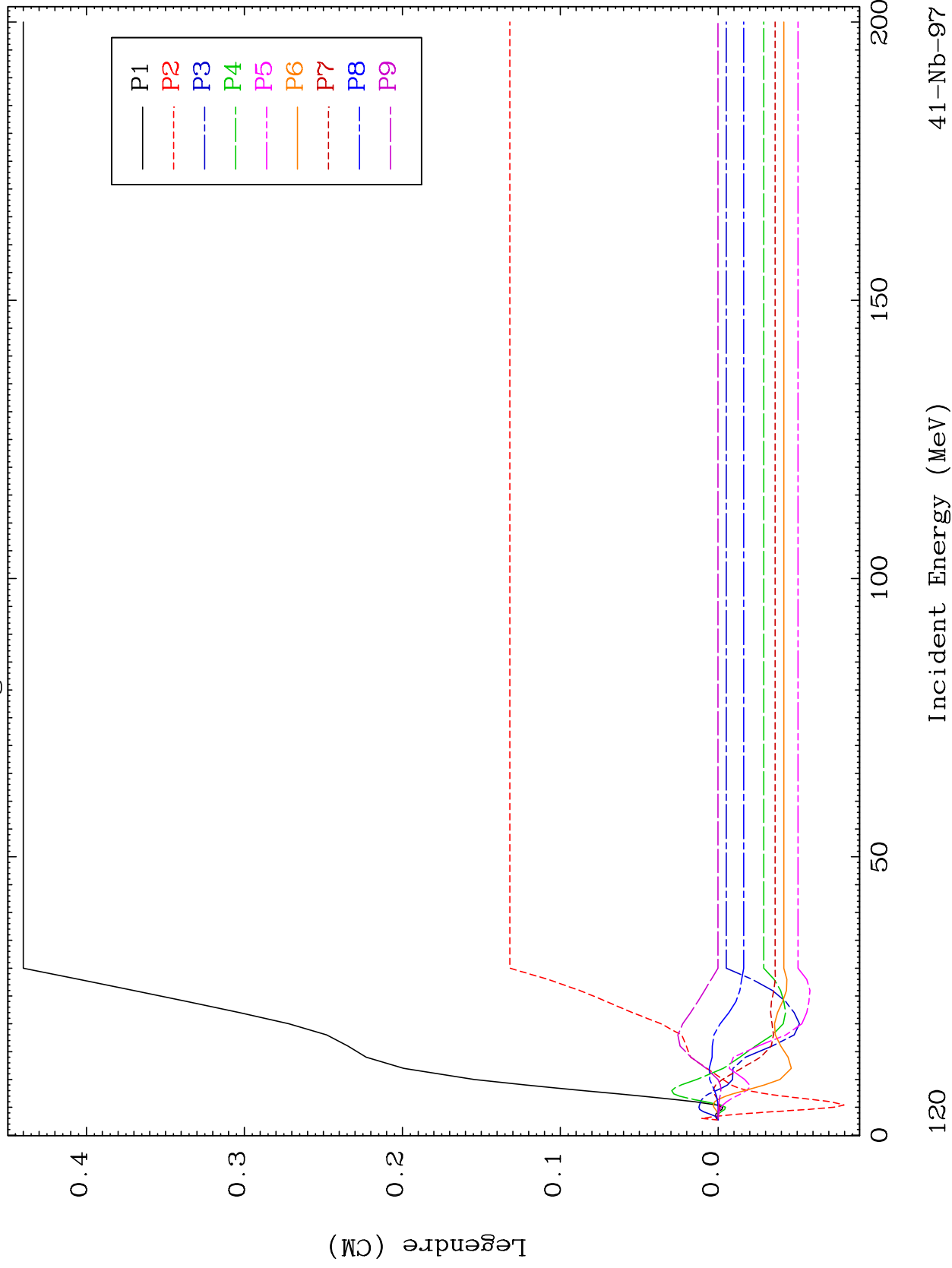
41-Nb-97



MAT 4137

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

41-Nb-97



41-Nb-97

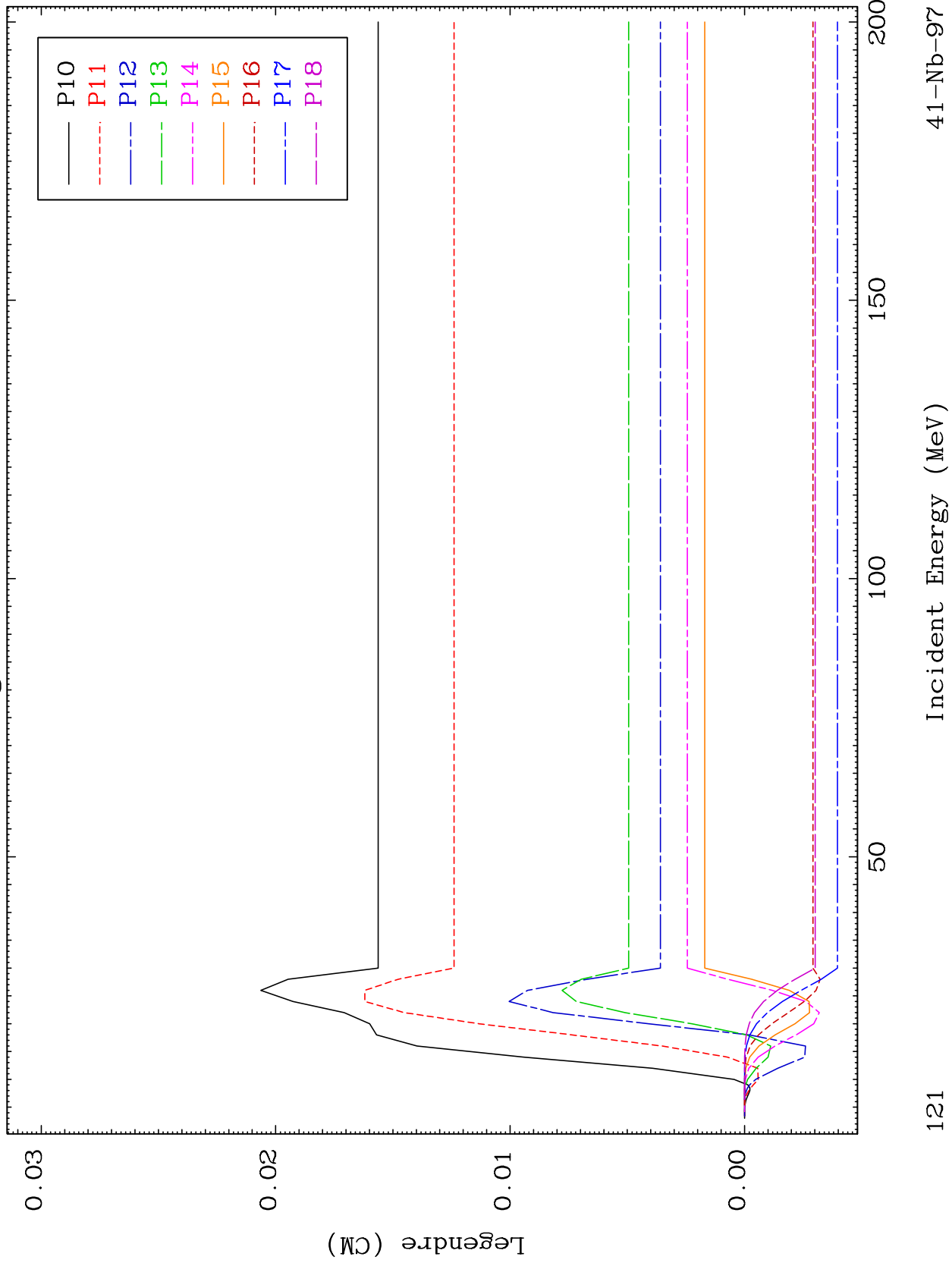
Incident Energy (MeV)

120

MAT 4137

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

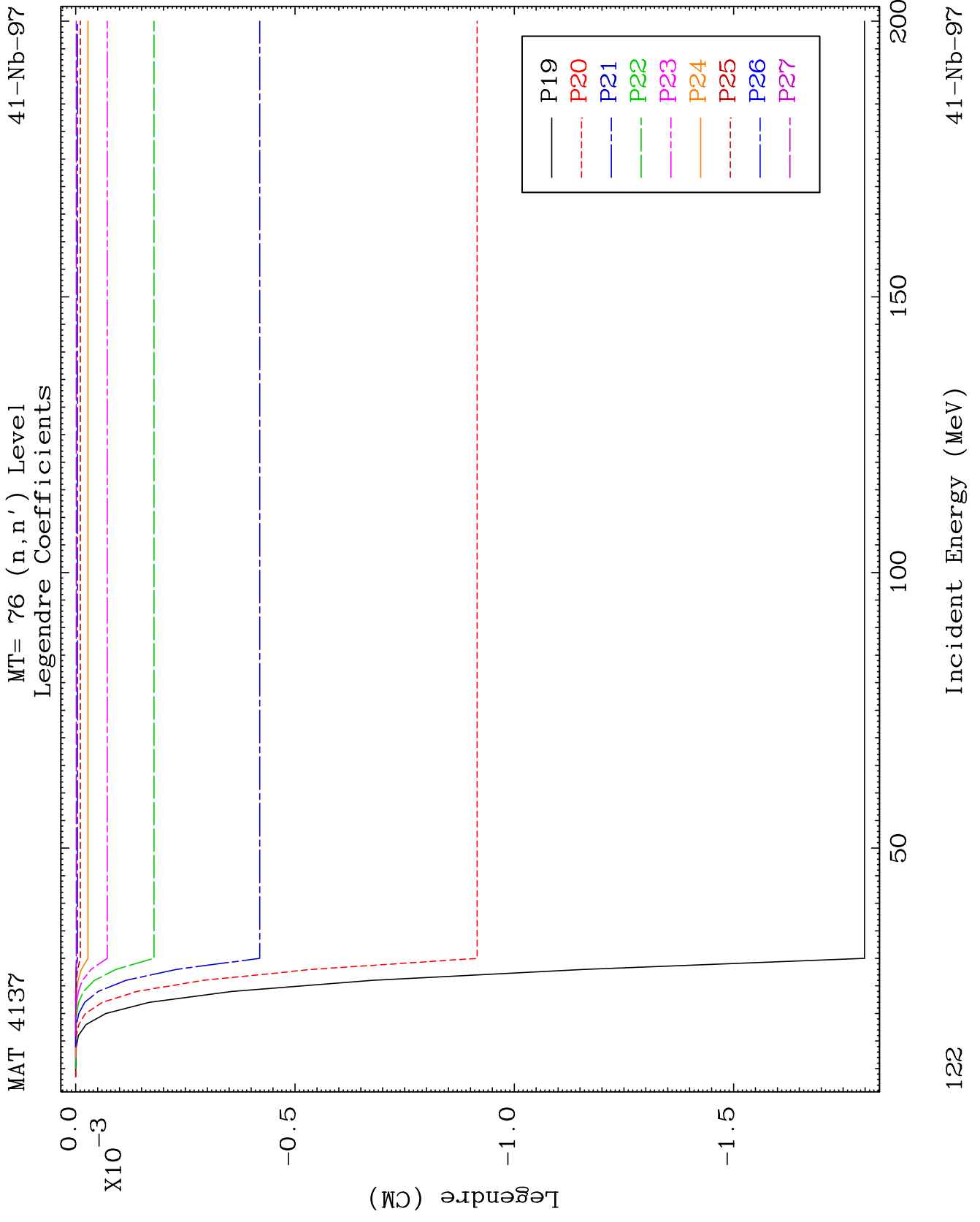
41-Nb-97



121

Incident Energy (MeV)

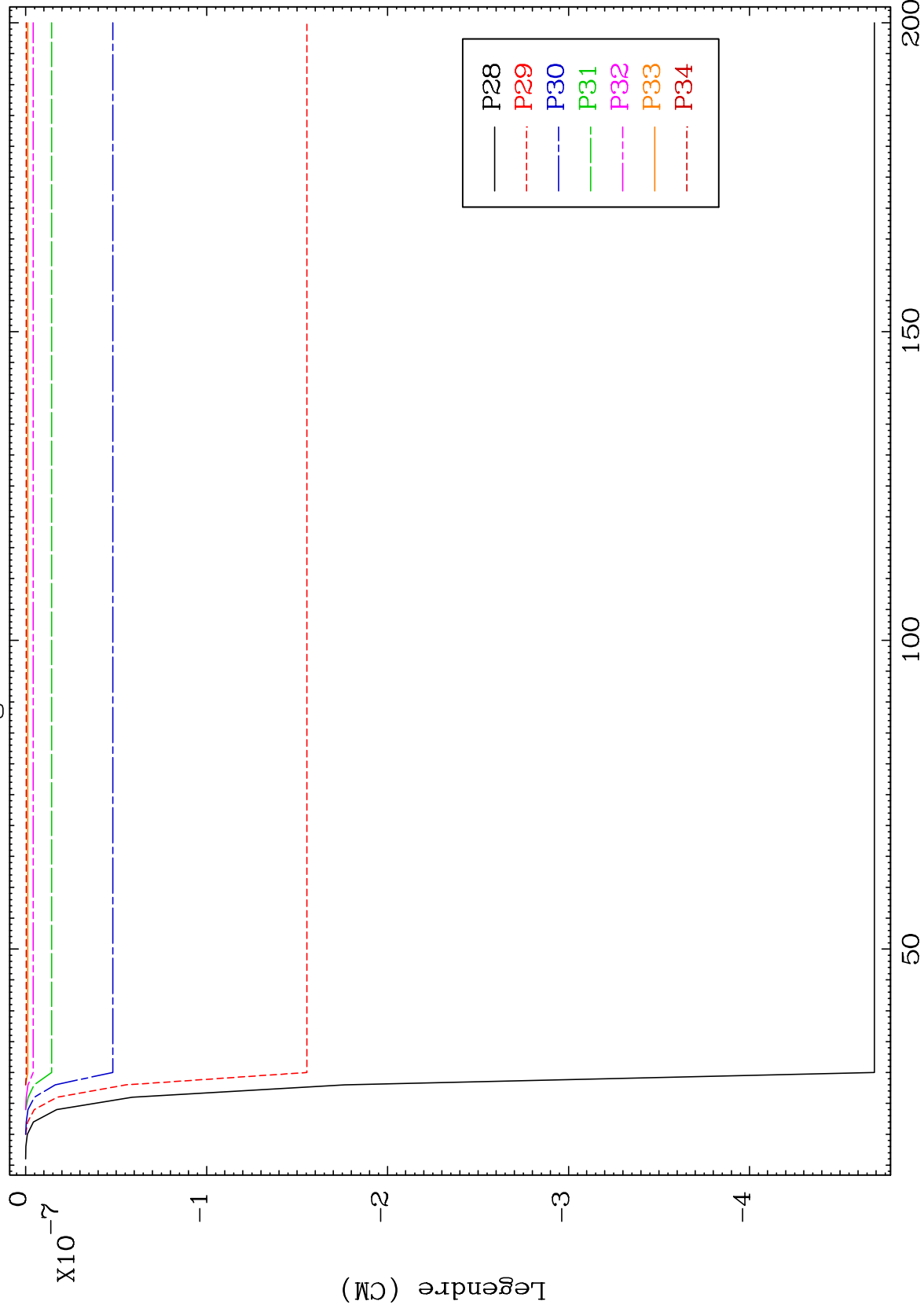
41-Nb-97



MAT 4137

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

41-Nb-97



123

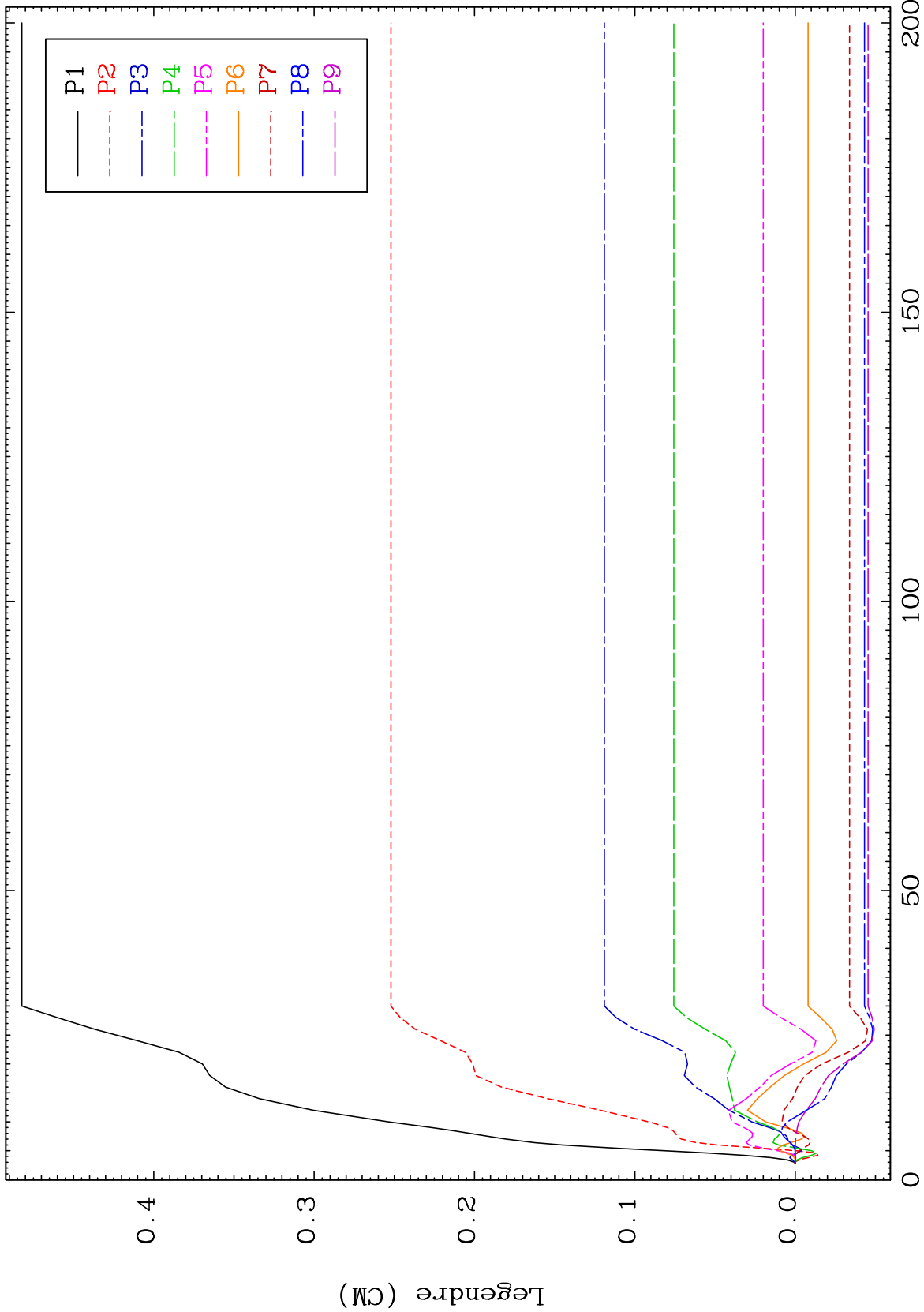
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



124

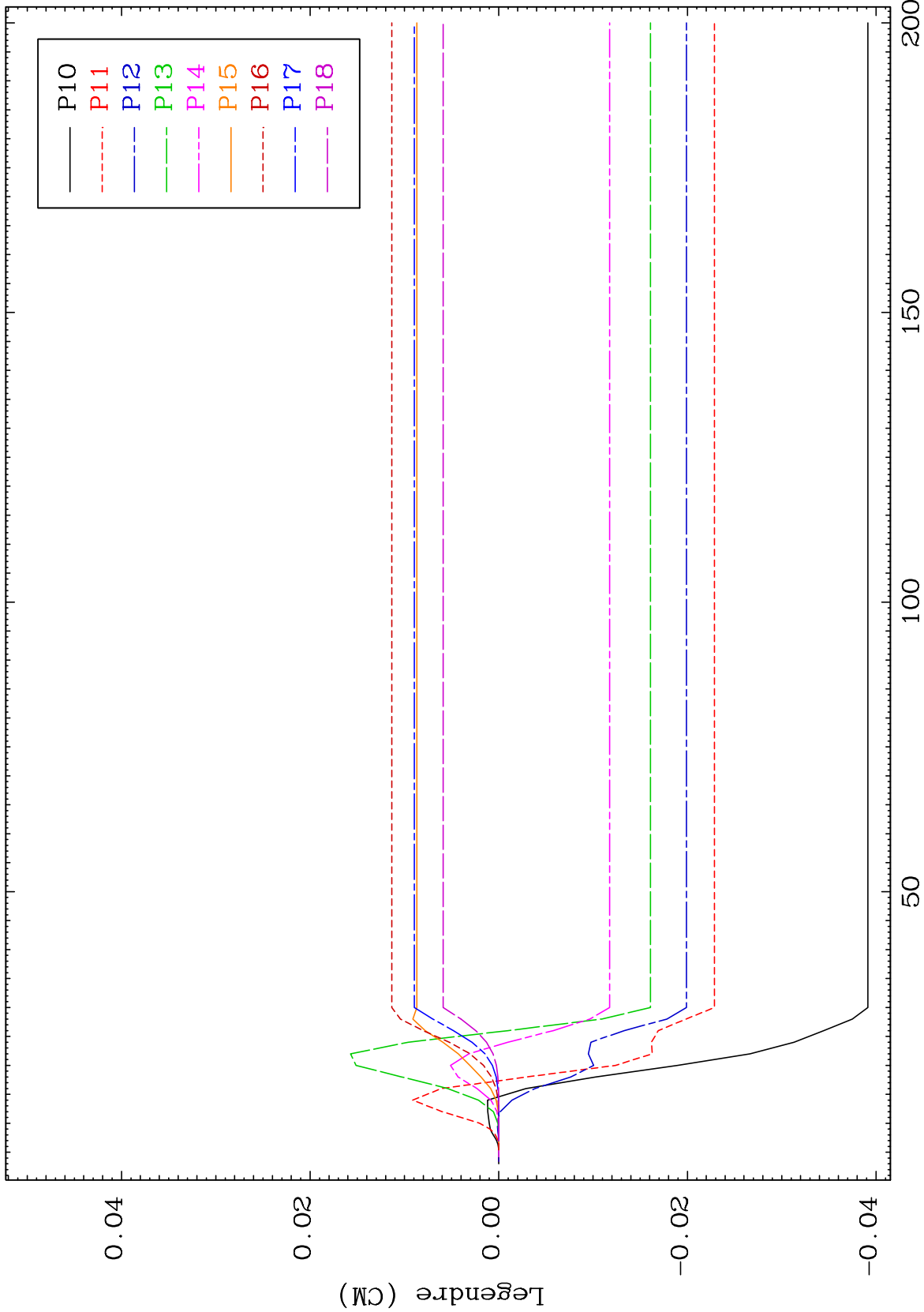
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



125

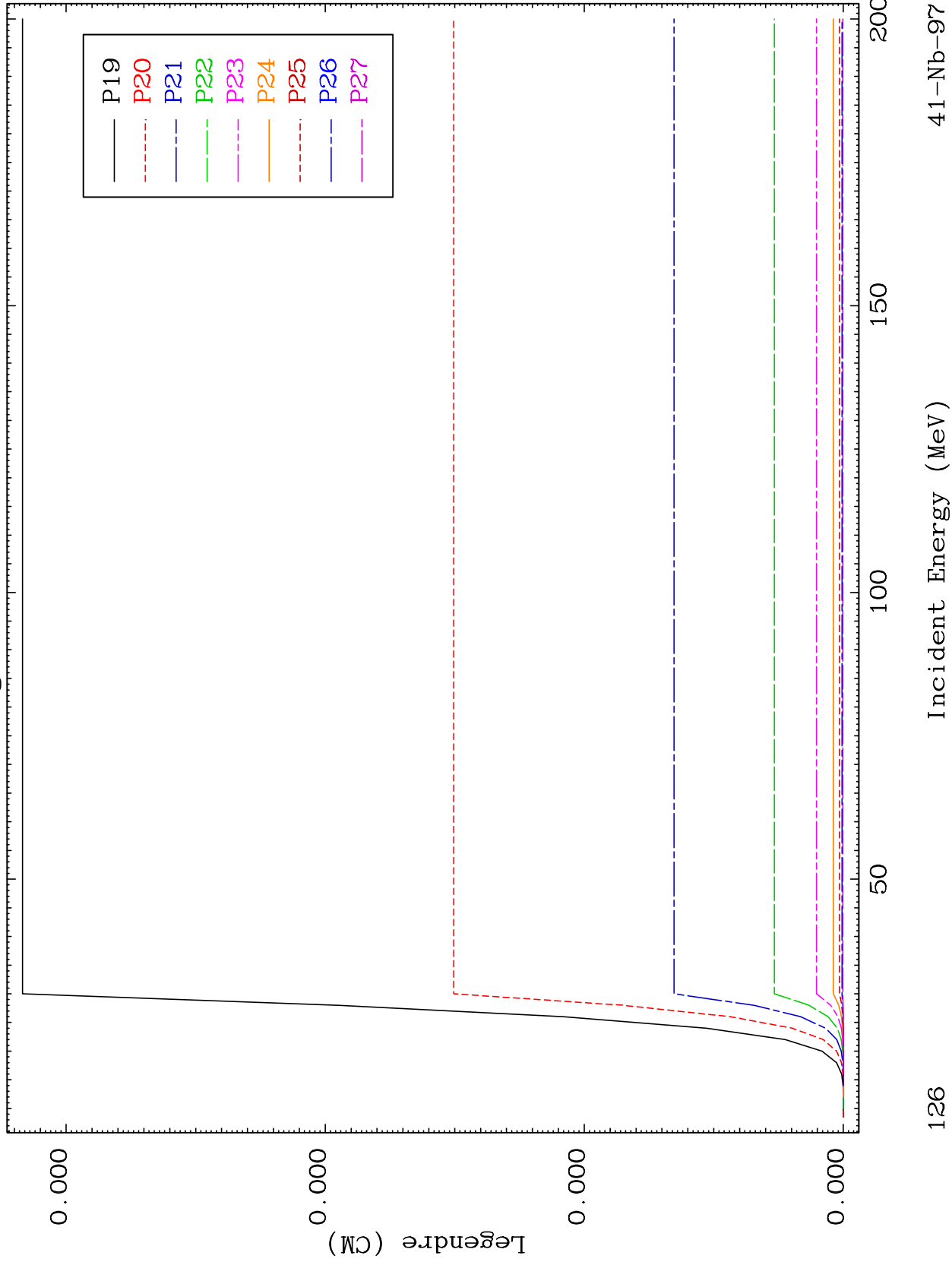
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

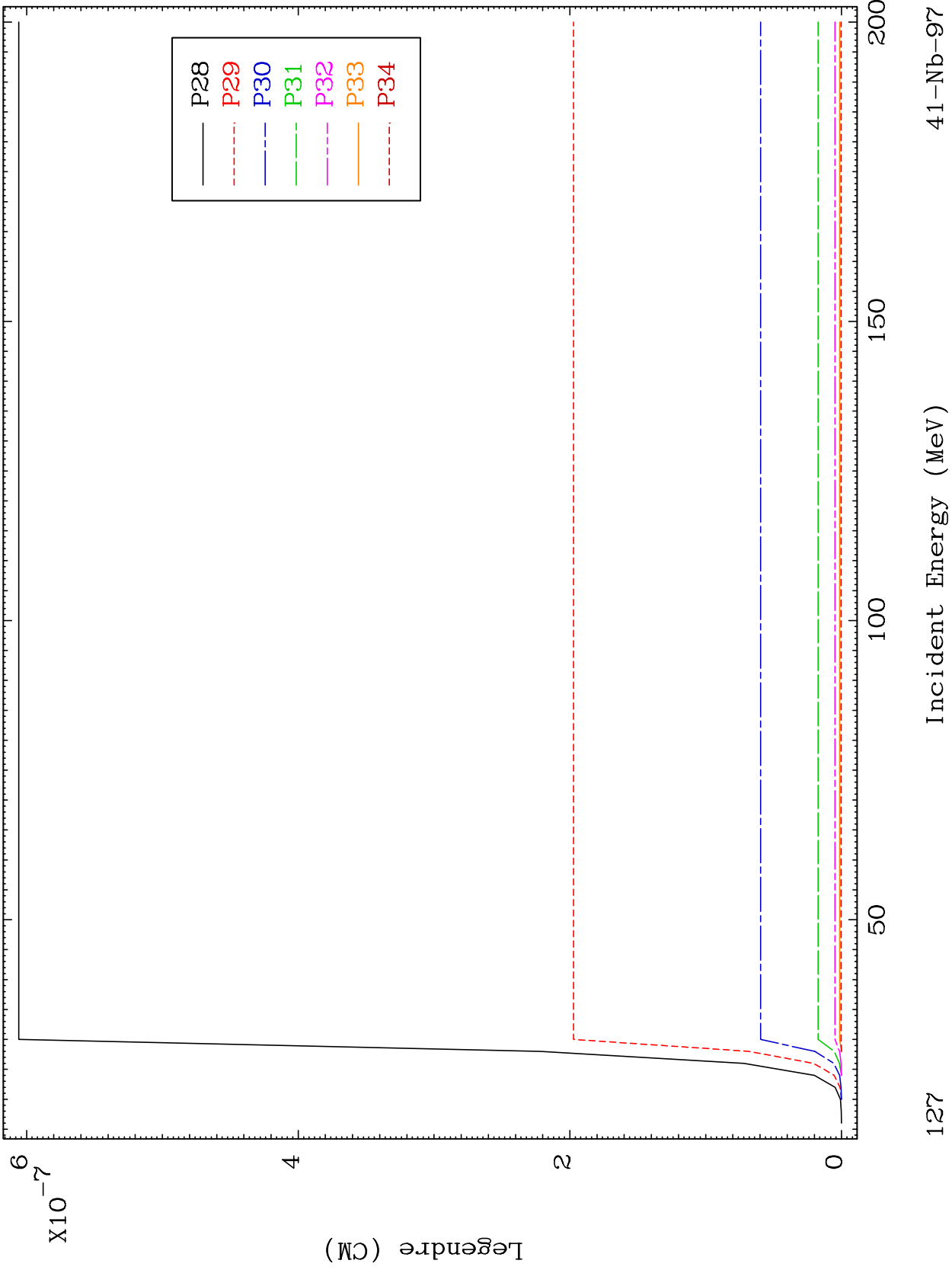
41-Nb-97



MAT 4137

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

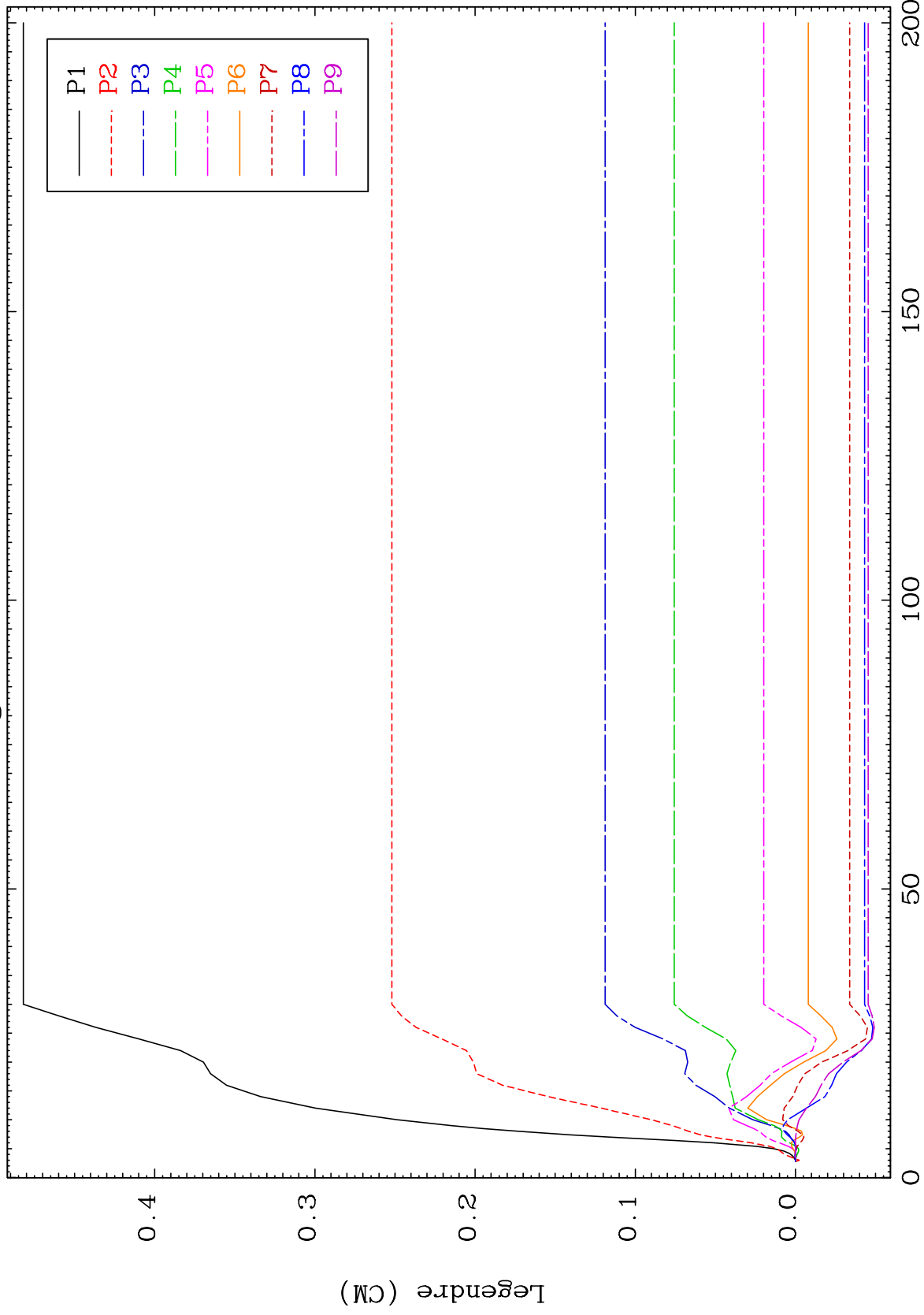
41-Nb-97



MAT 4137

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

41-Nb-97



128

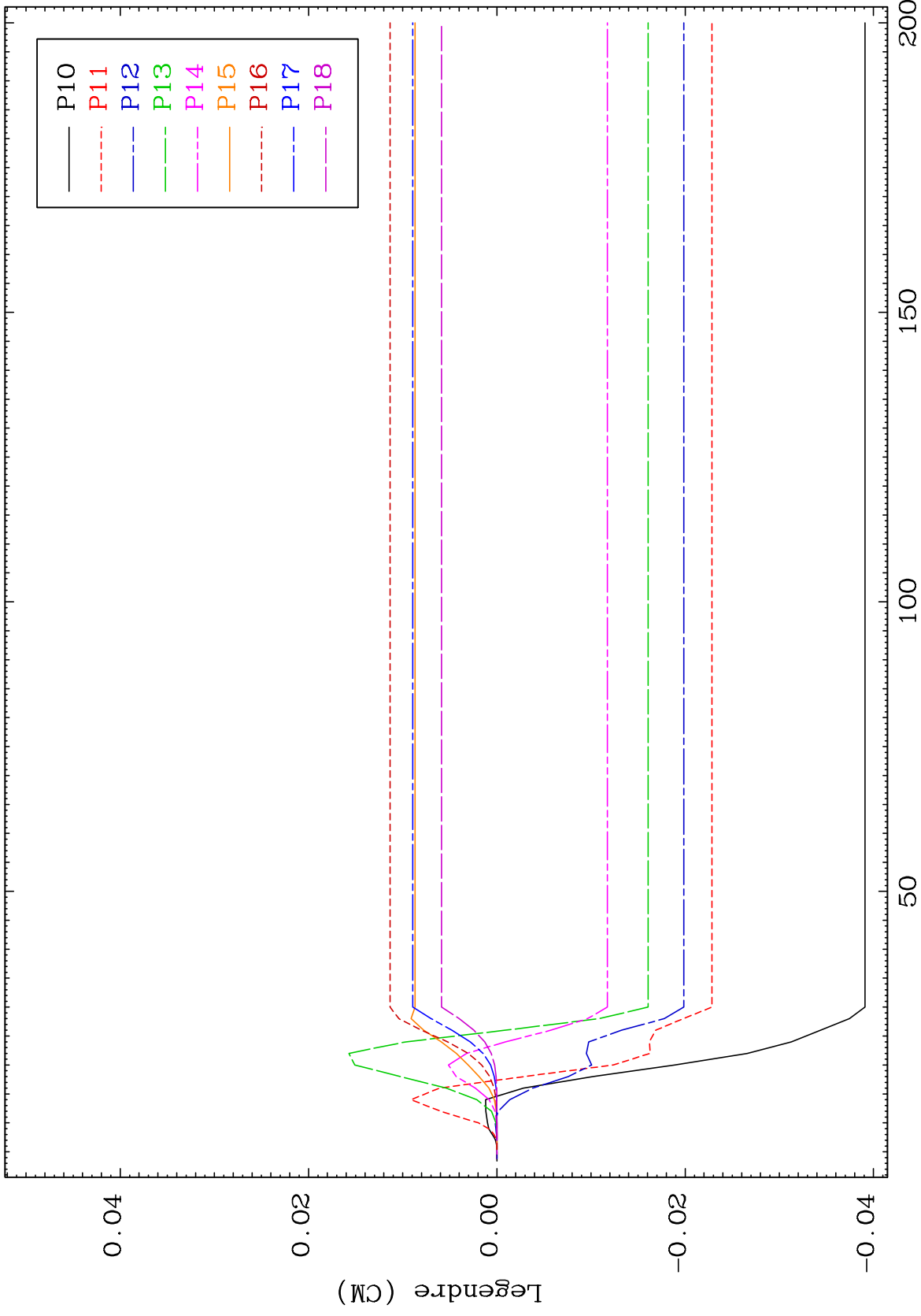
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



129

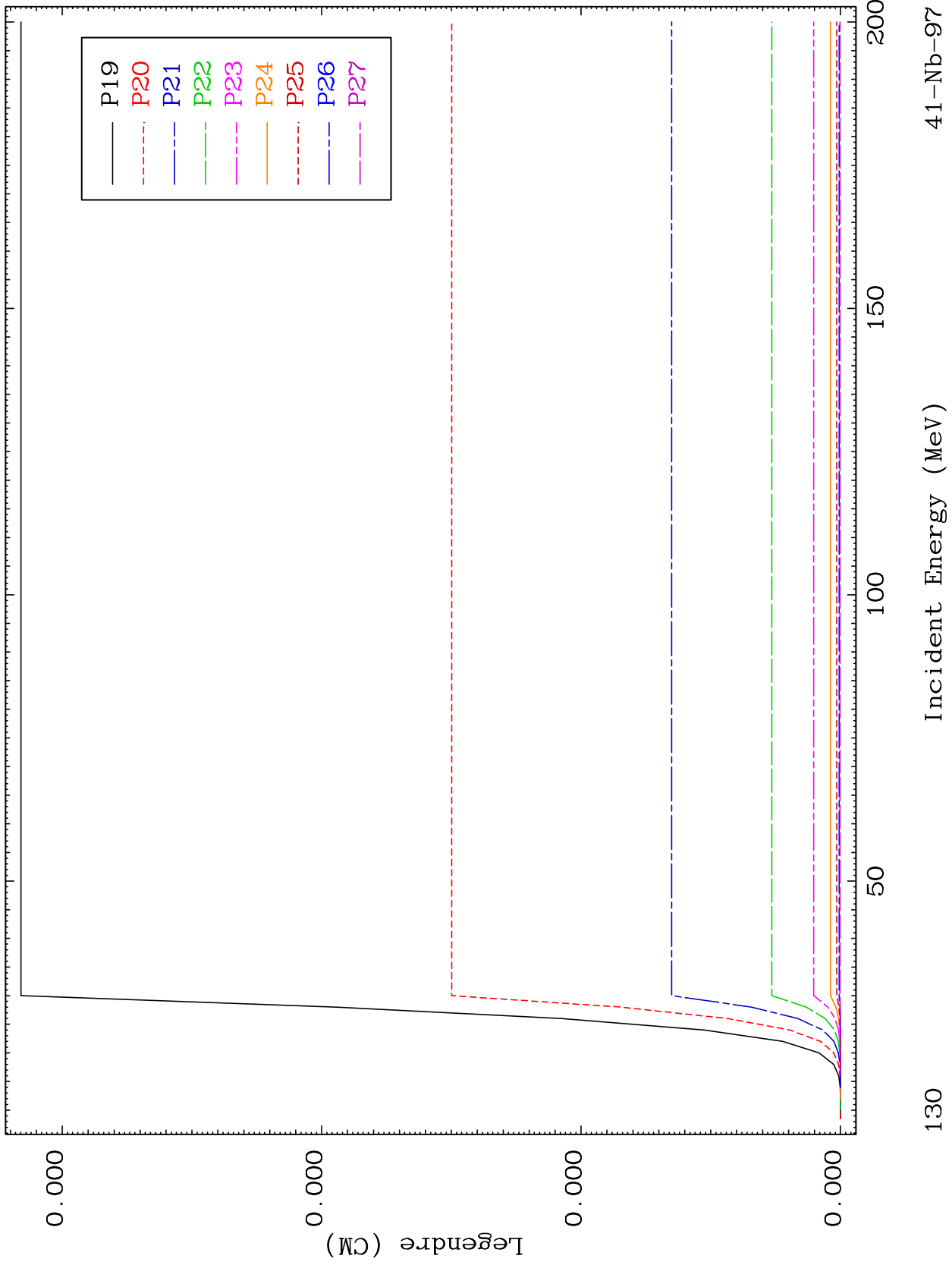
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97

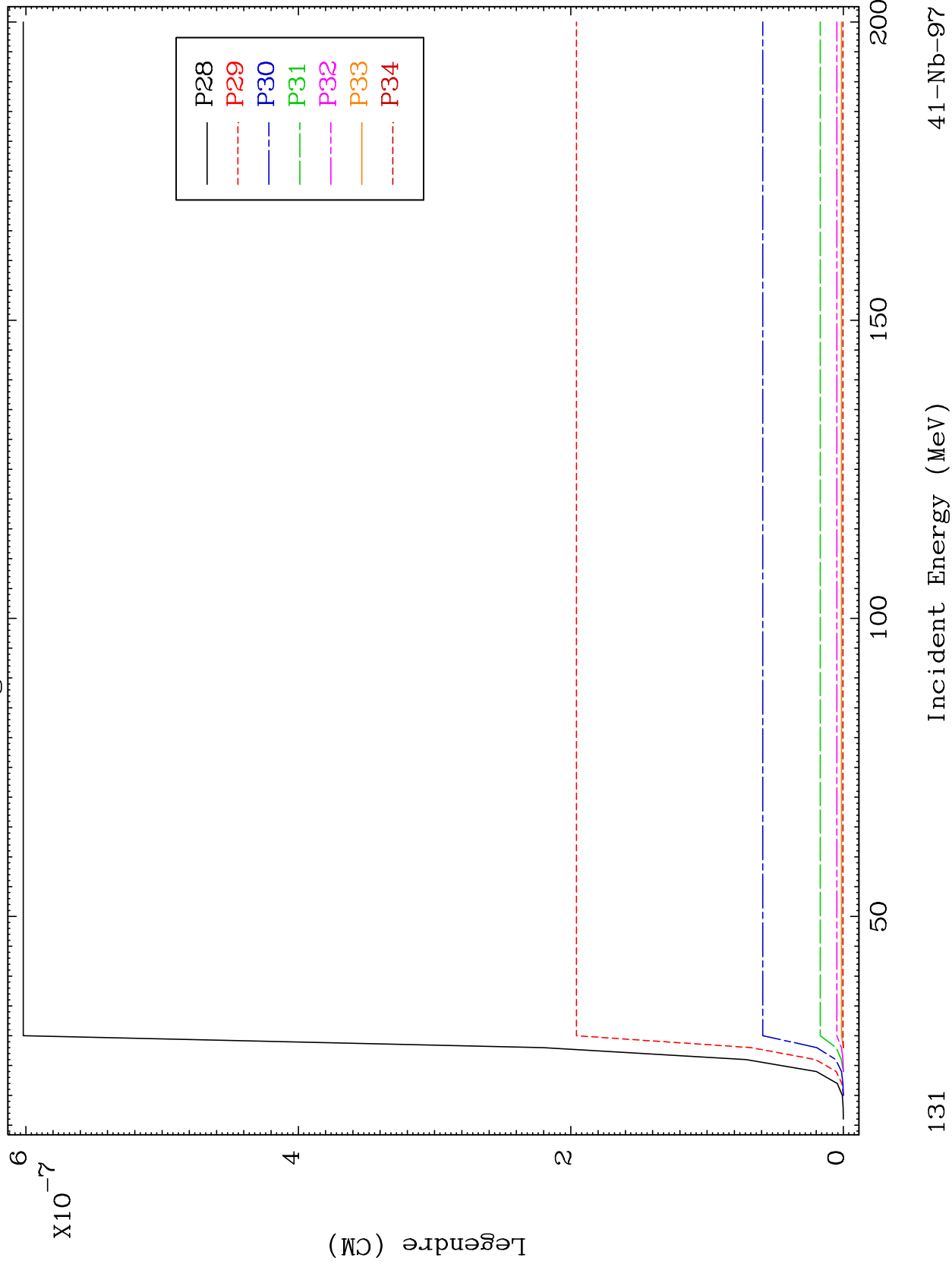


130

MAT 4137

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

41-Nb-97



131

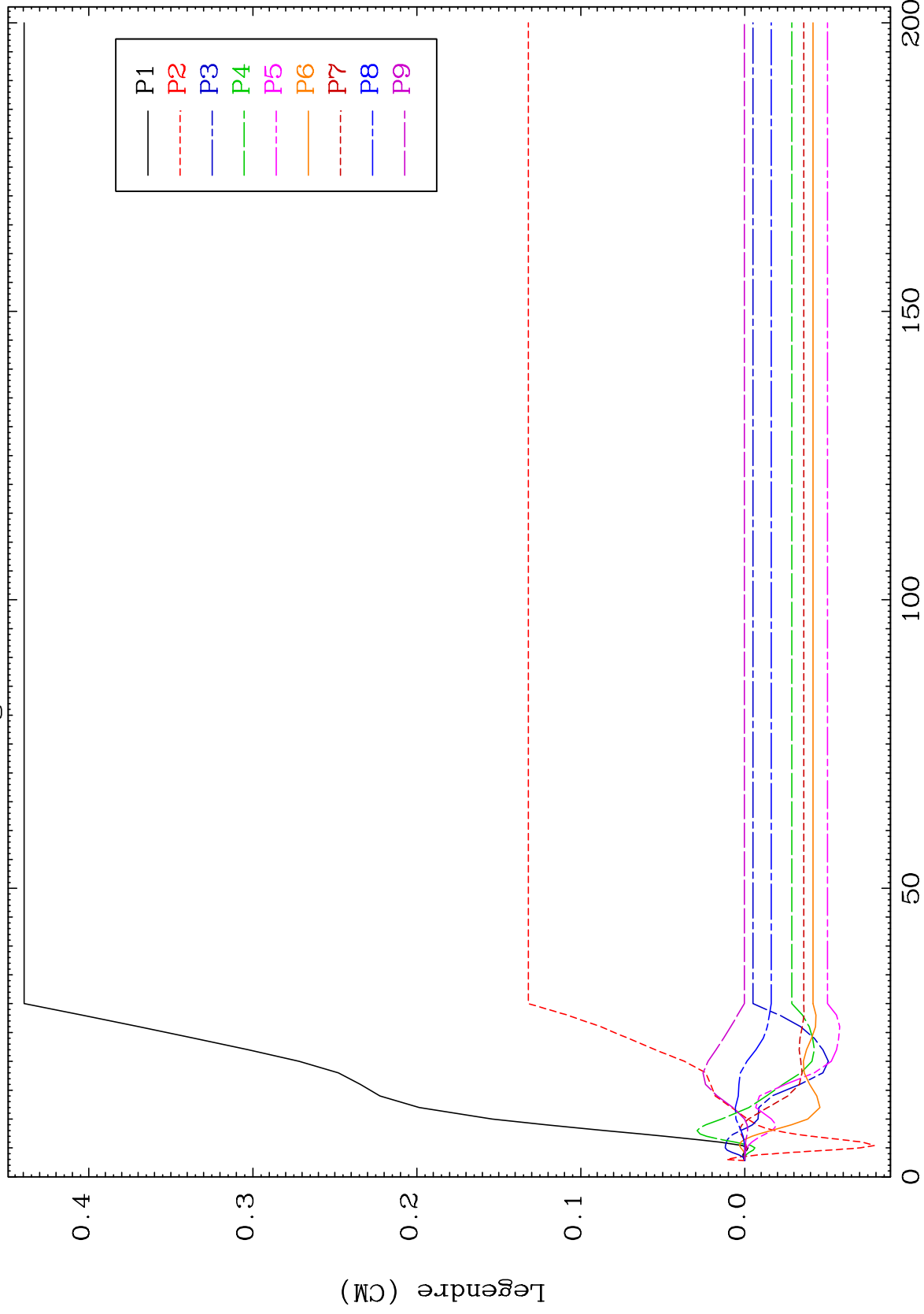
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



132

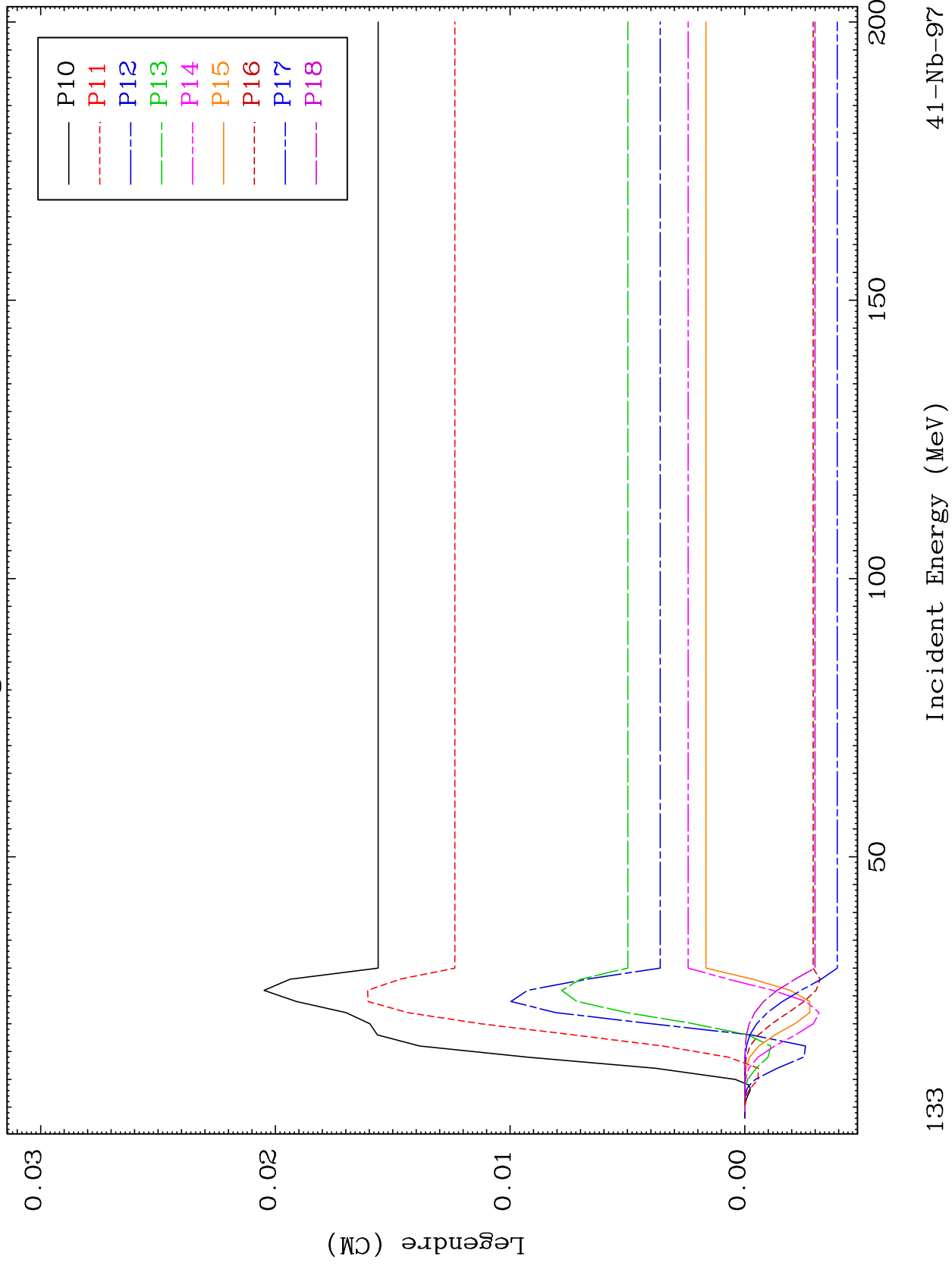
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

41-Nb-97



133

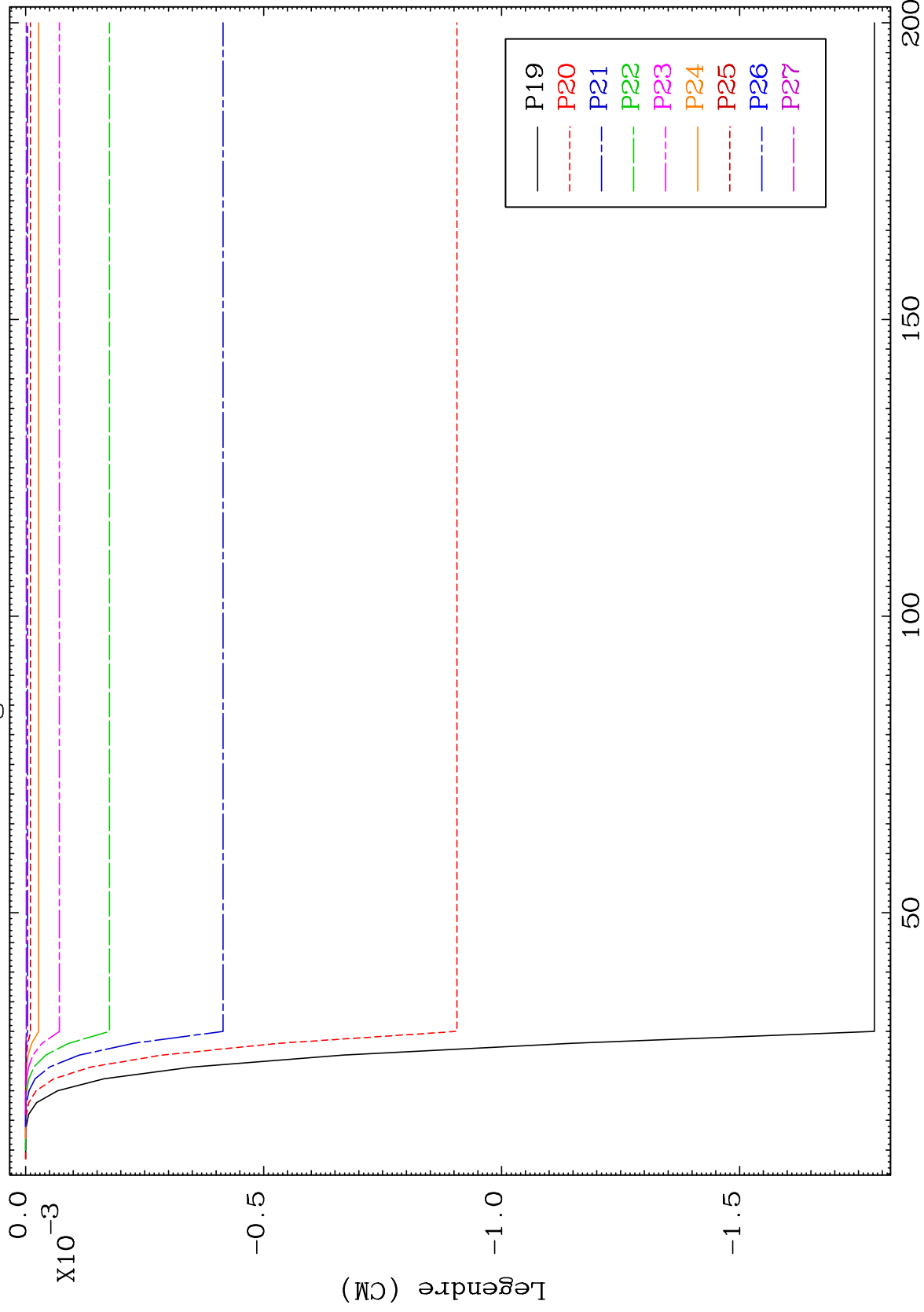
Incident Energy (MeV)

41-Nb-97

MAT 4137

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

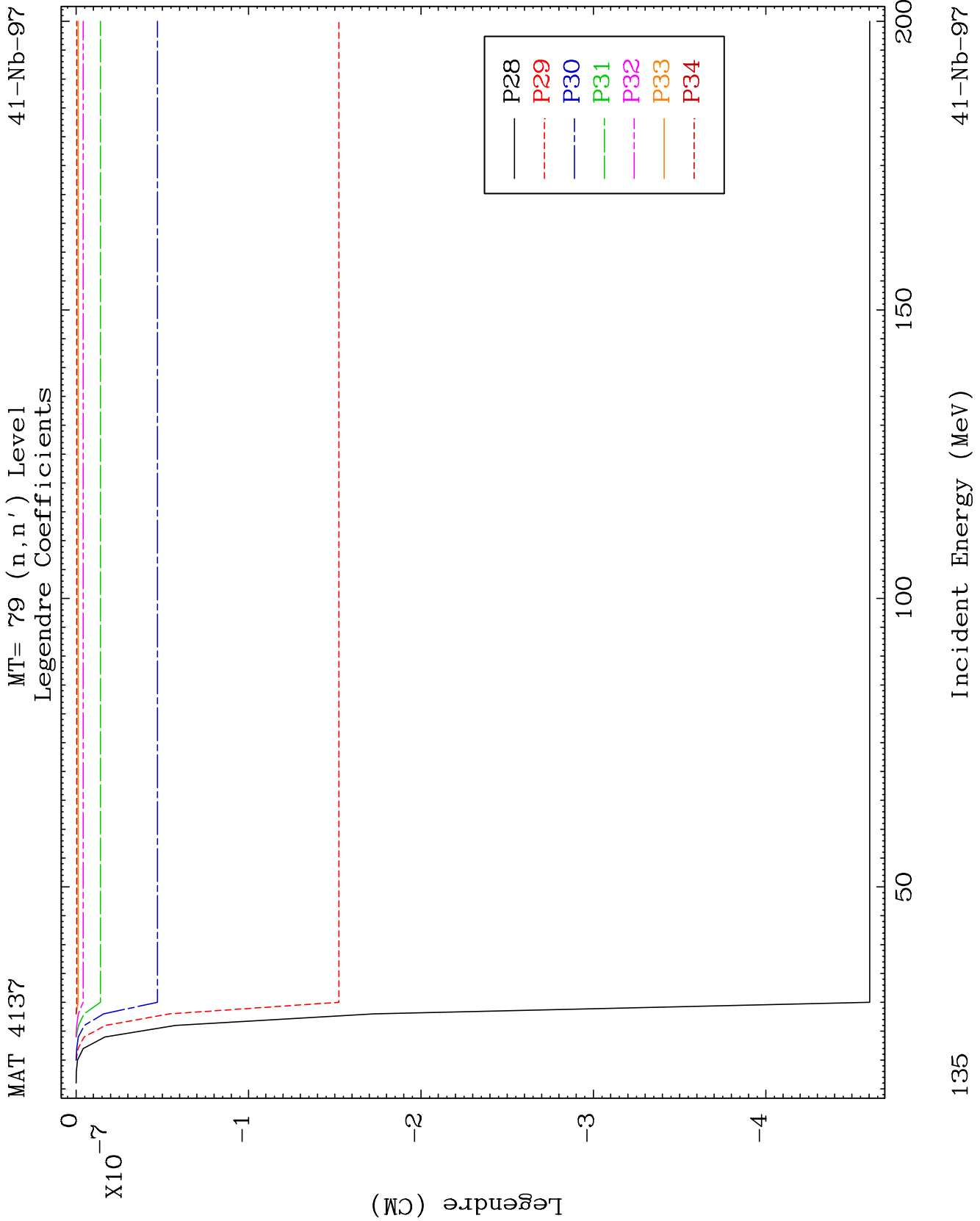
41-Nb-97



134

Incident Energy (MeV)

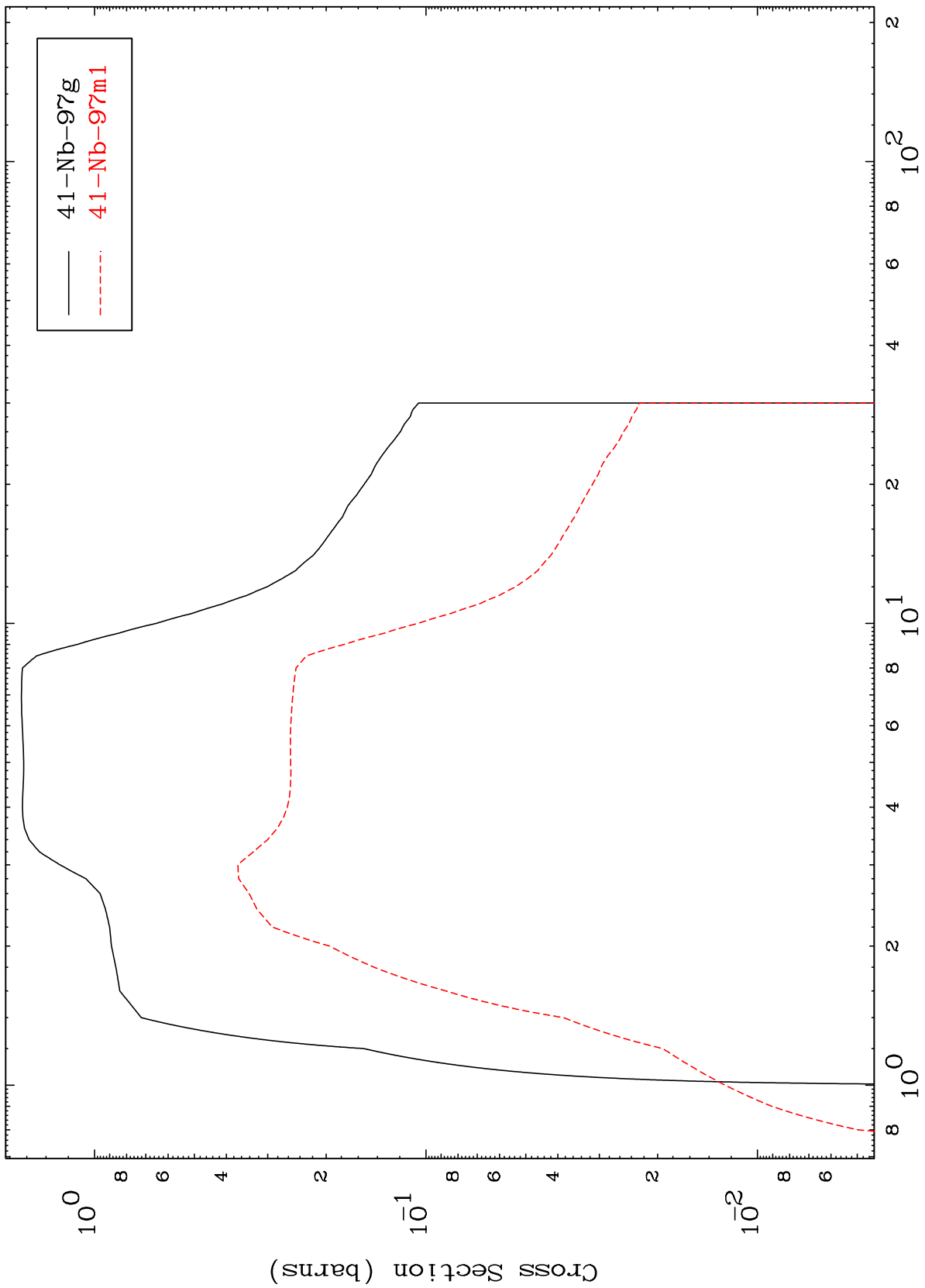
41-Nb-97



MAT 4137

41-Nb-97

Inelastic
Radionuclide Production Cross Section



136

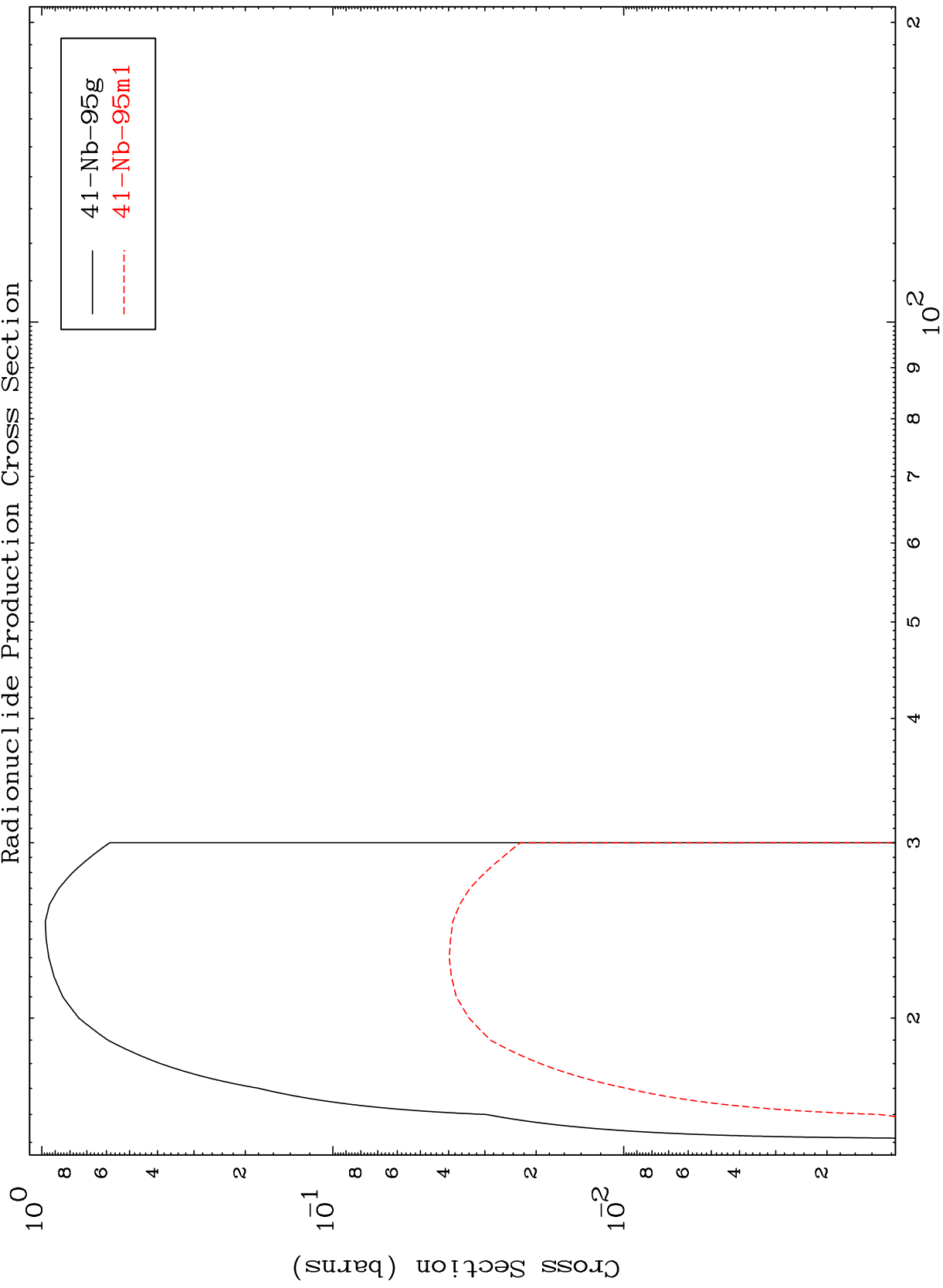
Incident Energy (MeV)

41-Nb-97

MAT 4137

41-Nb-97

(n,3n)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

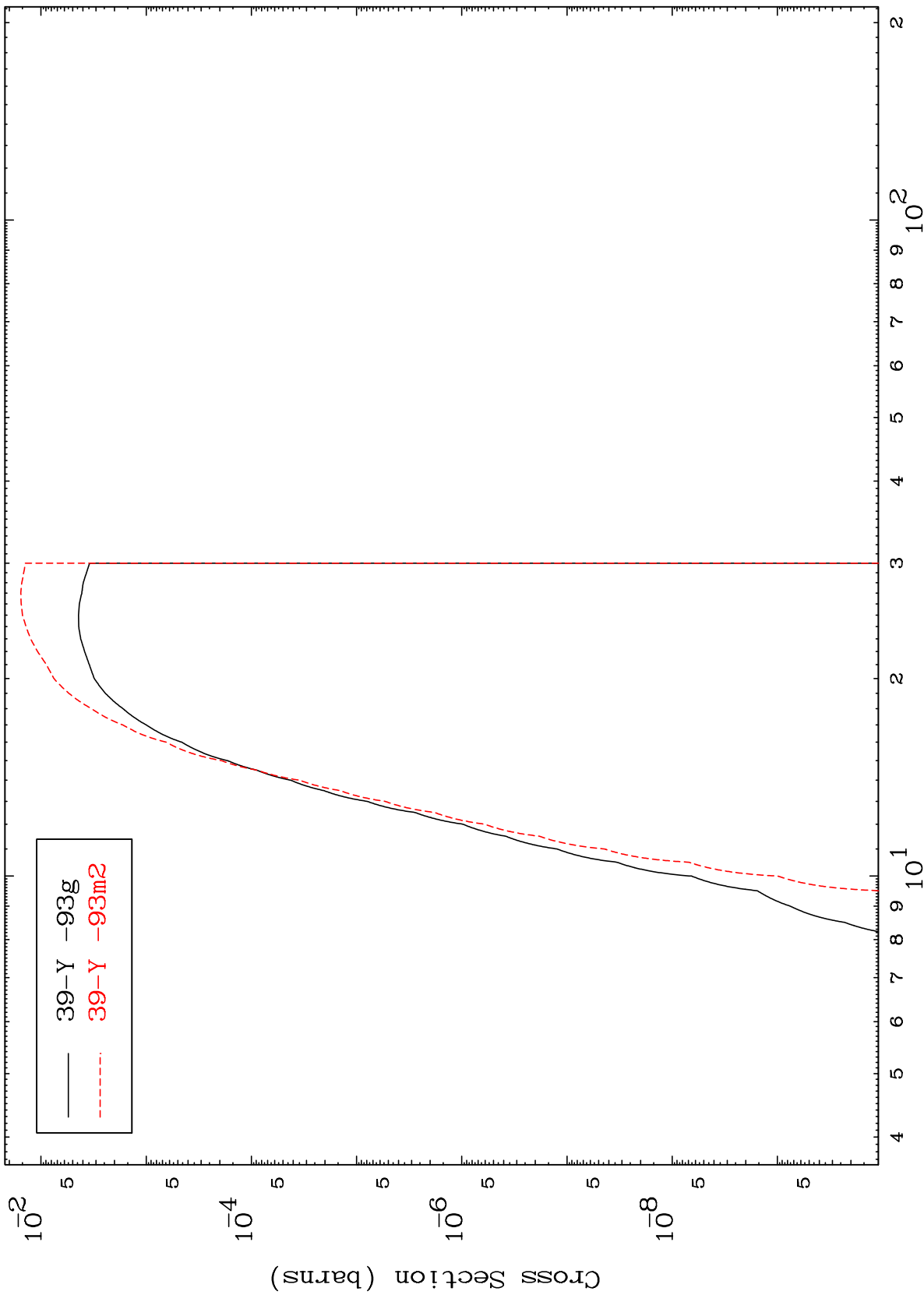
41-Nb-97

MAT 4137

(n,n') α

41-Nb-97

Radionuclide Production Cross Section



138

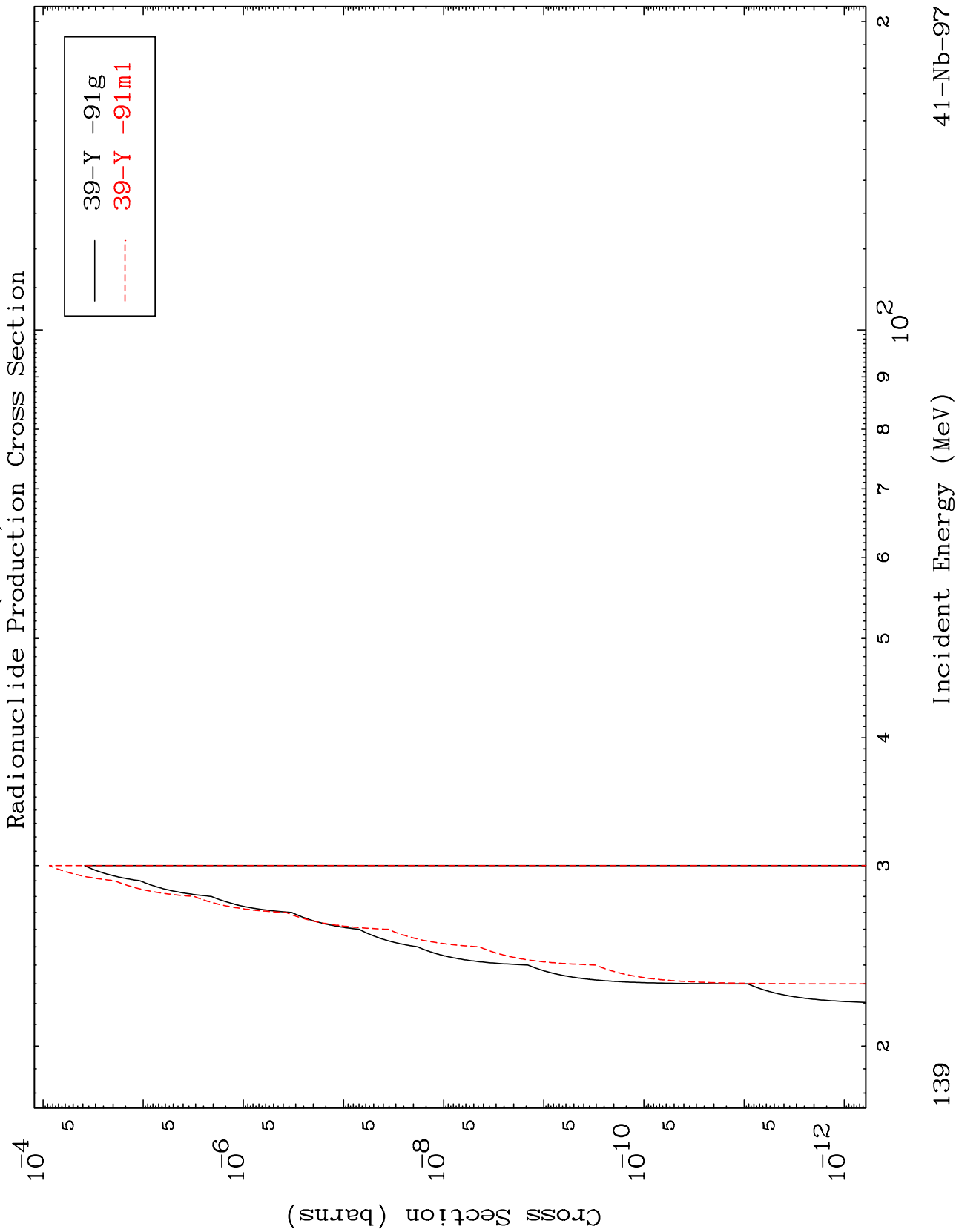
Incident Energy (MeV)

41-Nb-97

MAT 4137

(n,3n) α

41-Nb-97



139

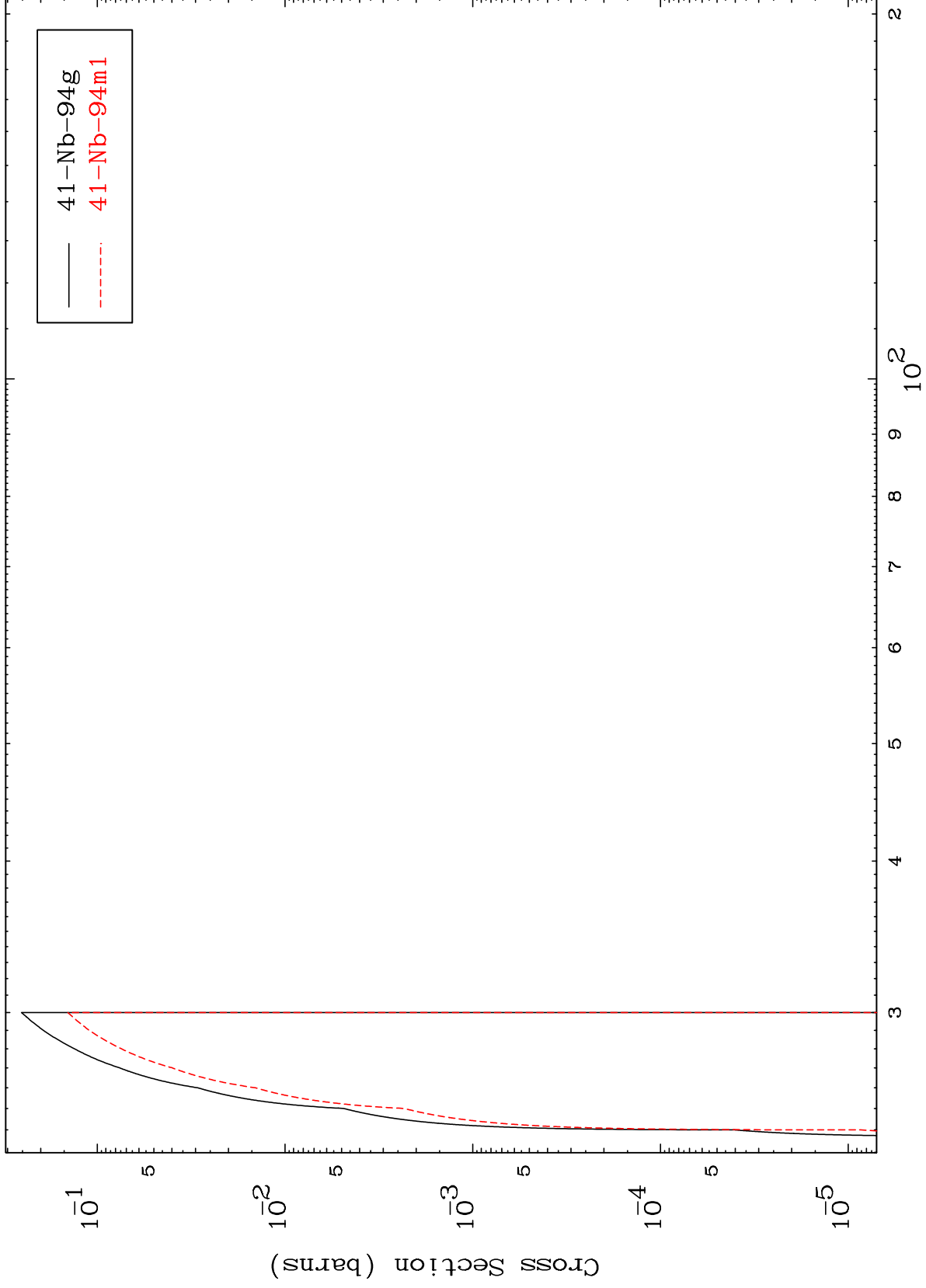
Incident Energy (MeV)

41-Nb-97

MAT 4137

41-Nb-97

(n,4n)
Radionuclide Production Cross Section



41-Nb-94g
41-Nb-94m1

140

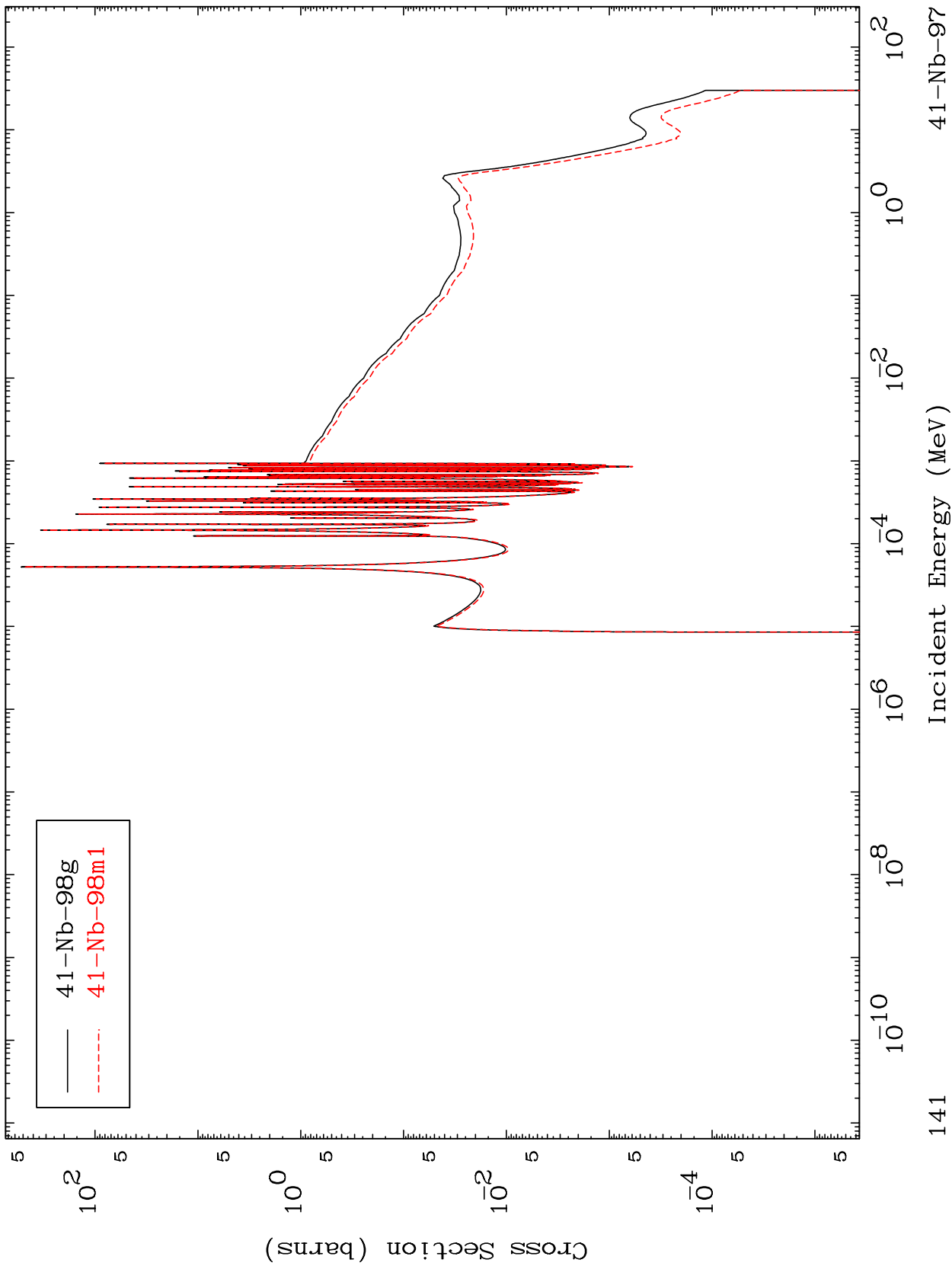
Incident Energy (MeV)

41-Nb-97

MAT 4137

41-Nb-97

(n, γ)
Radionuclide Production Cross Section



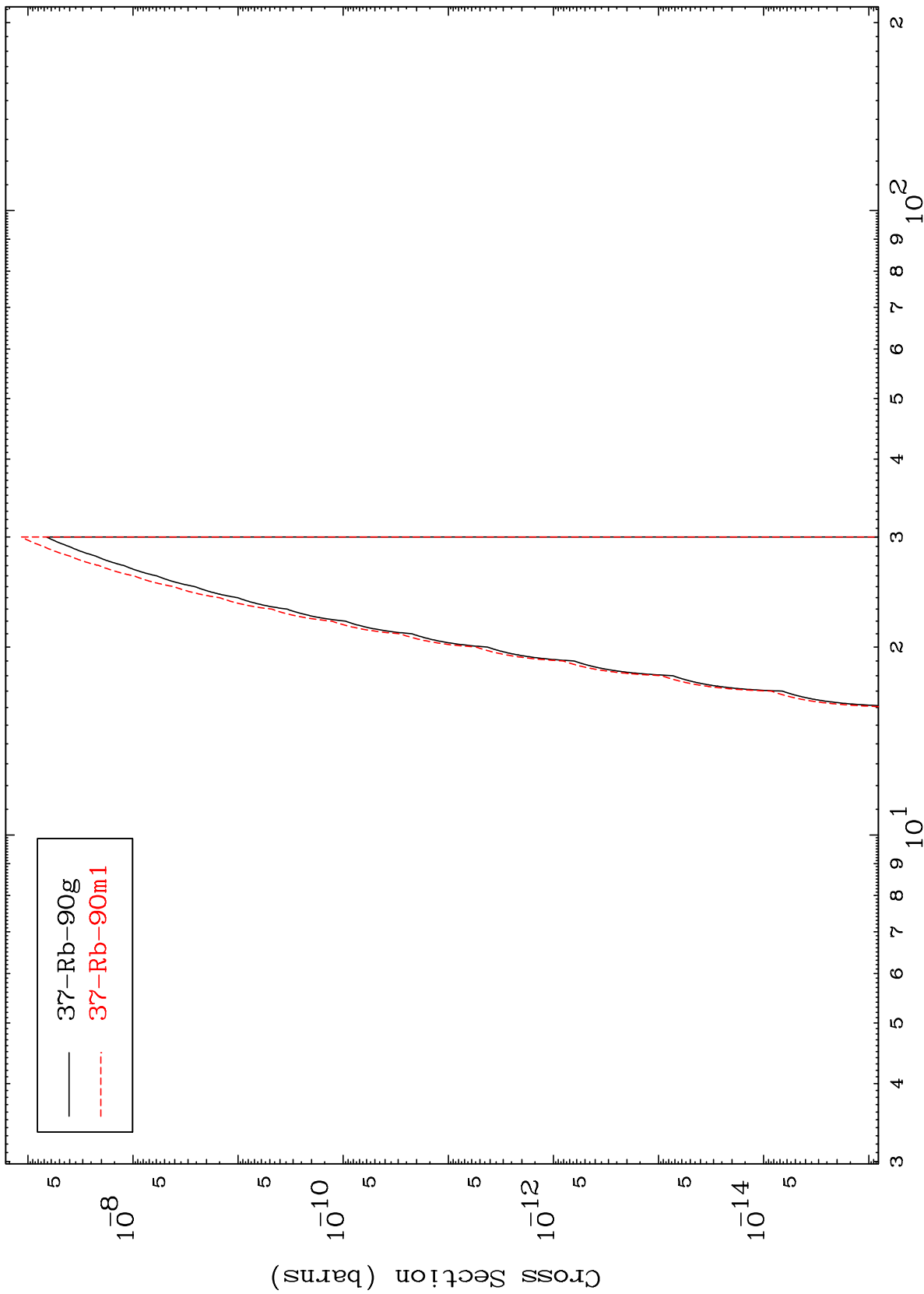
141

41-Nb-97

MAT 4137

41-Nb-97

Radionuclide Production Cross Section
(n,2α)



41-Nb-97

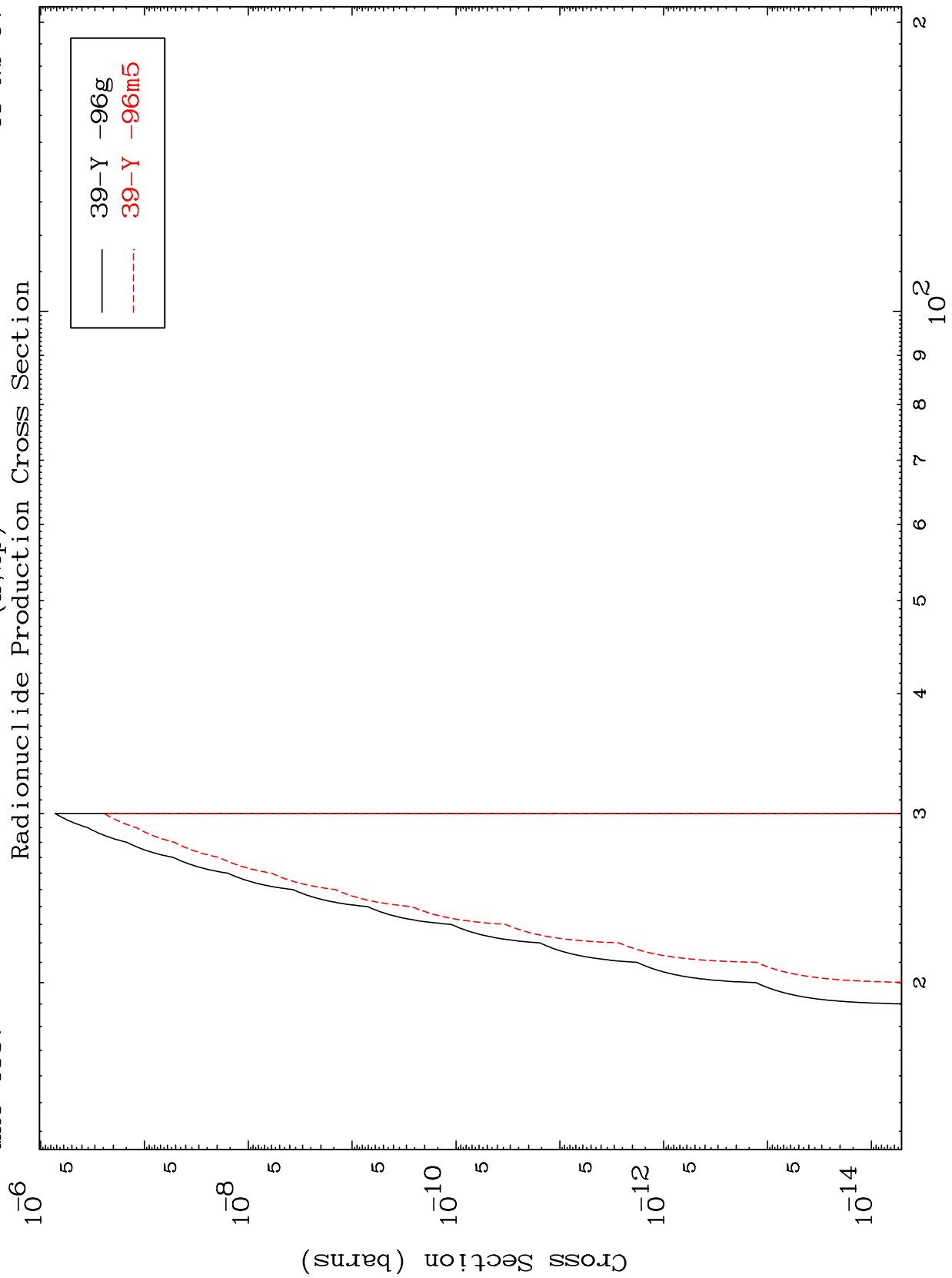
Incident Energy (MeV)

142

MAT 4137

41-Nb-97

(n,2p)
Radionuclide Production Cross Section



39-Y -96g
39-Y -96m5

143

Incident Energy (MeV)

41-Nb-97