

Program EVALPLOT  
(Version 2018-1)

by

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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

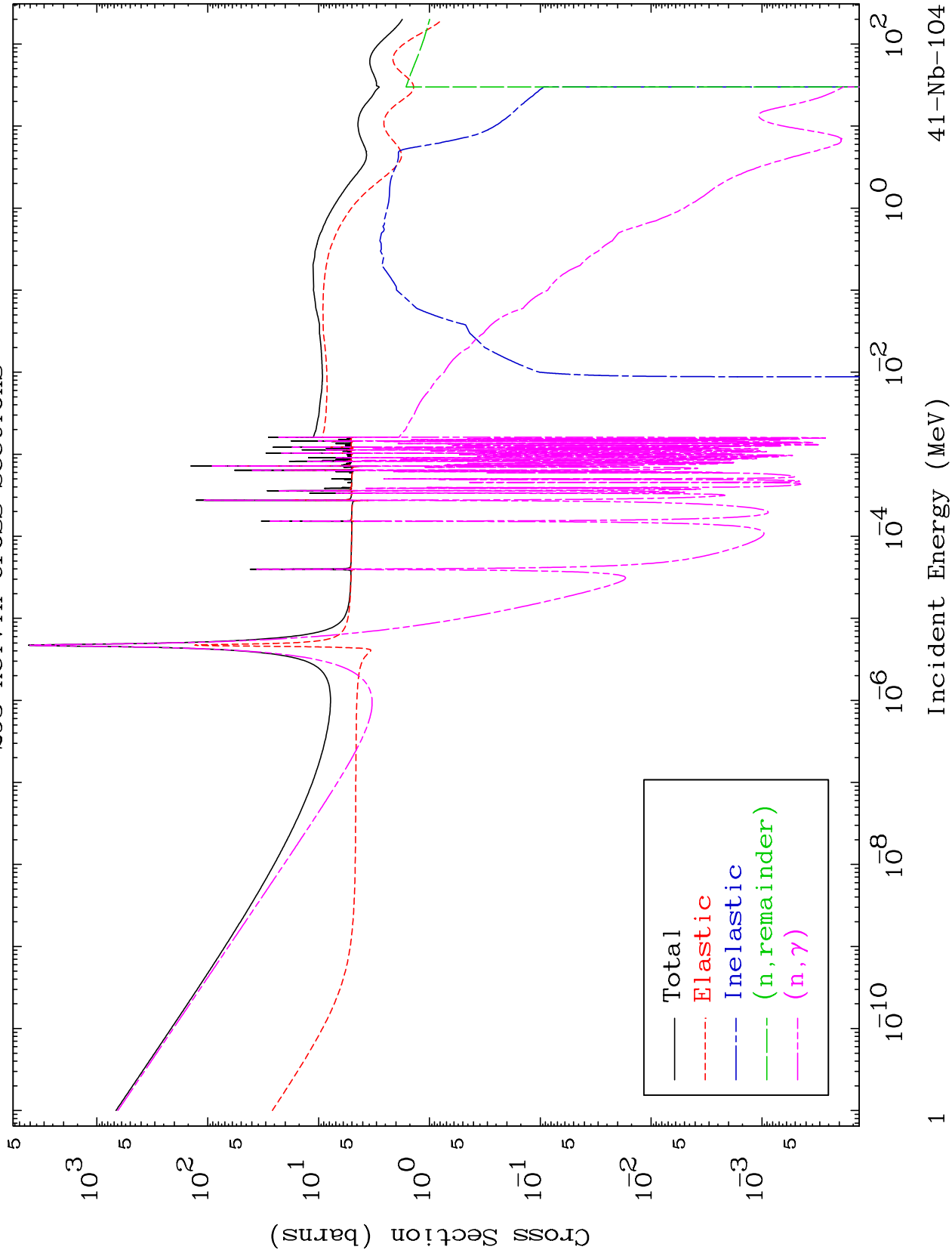
Press Mouse Button to Start

MAT 4158

Major

293 Kelvin Cross Sections

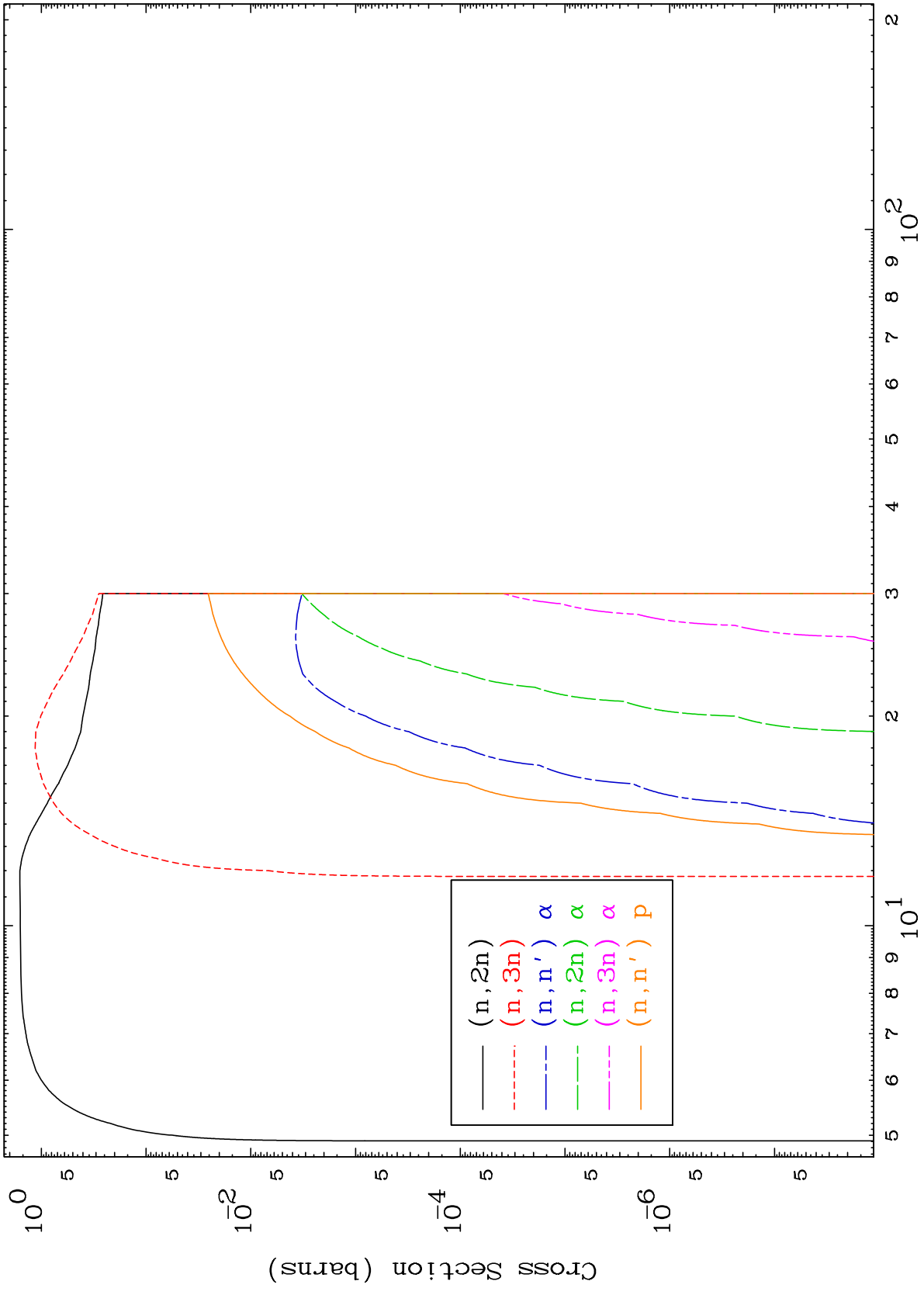
41-Nb-104



MAT 4158

Neutron Production  
293 Kelvin Cross Sections

41-Nb-104



2

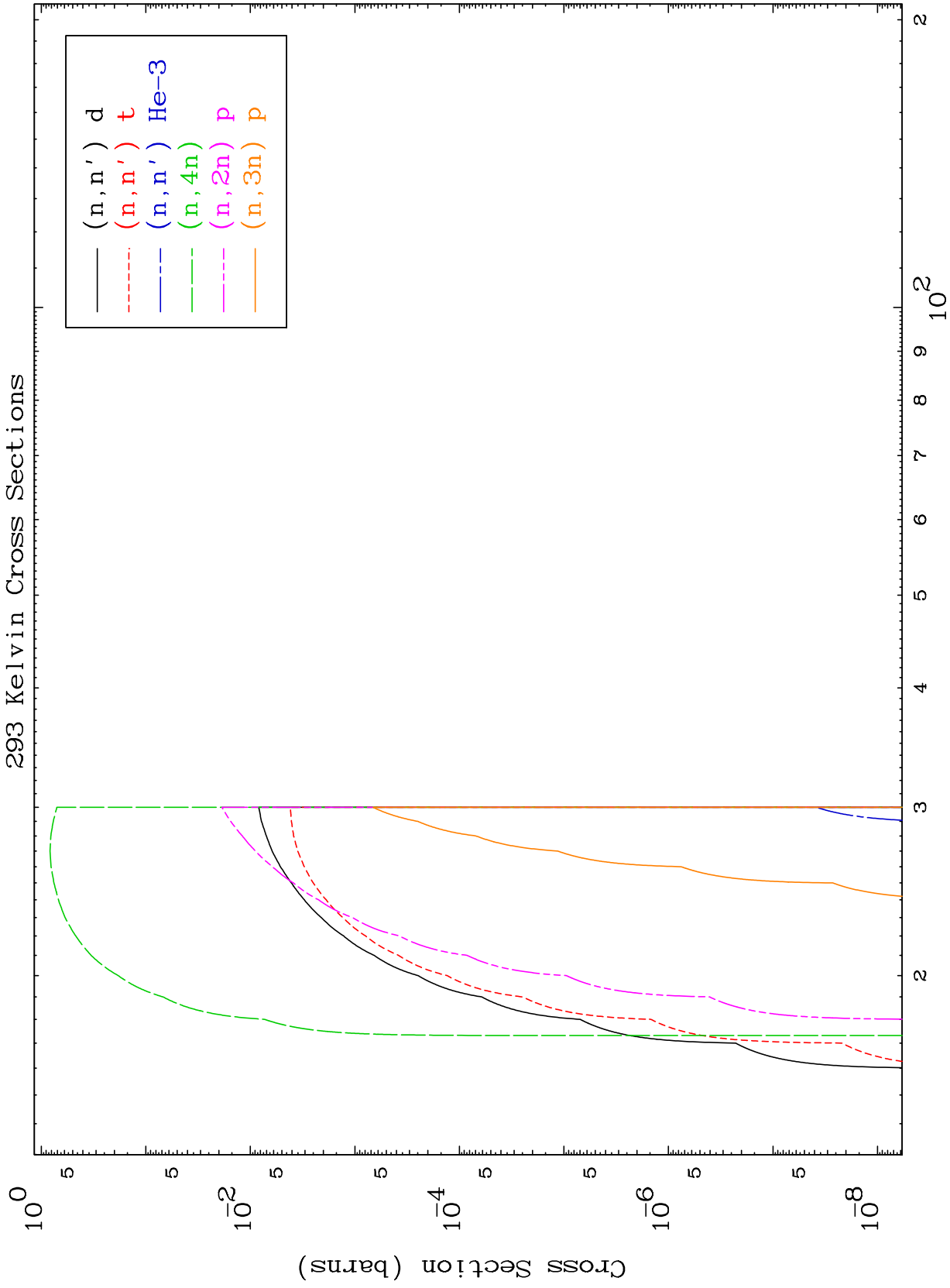
Incident Energy (MeV)

41-Nb-104

MAT 4158

Neutron Production  
293 Kelvin Cross Sections

41-Nb-104



3

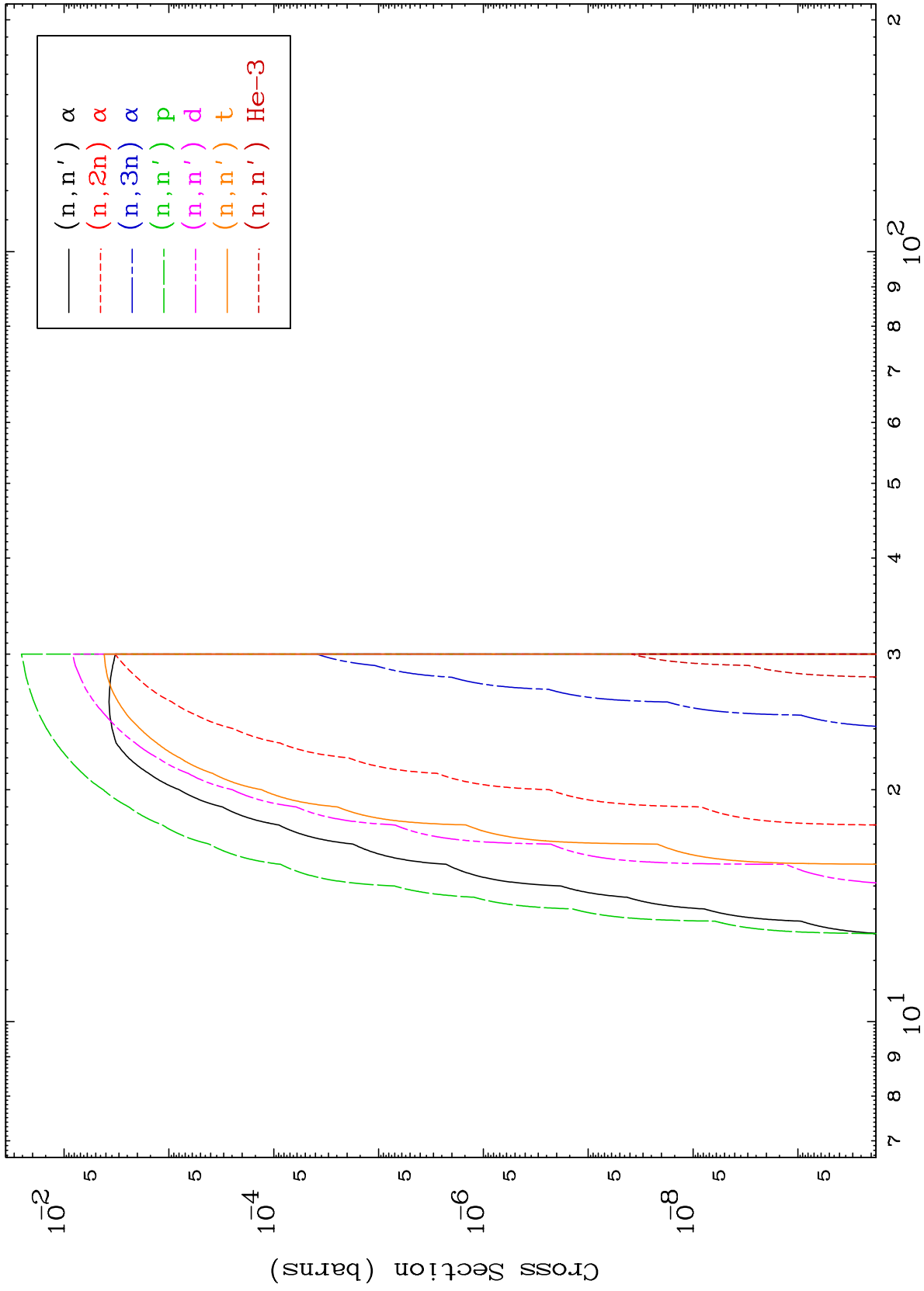
Incident Energy (MeV)

41-Nb-104

MAT 4158

Charged Particle  
293 Kelvin Cross Sections

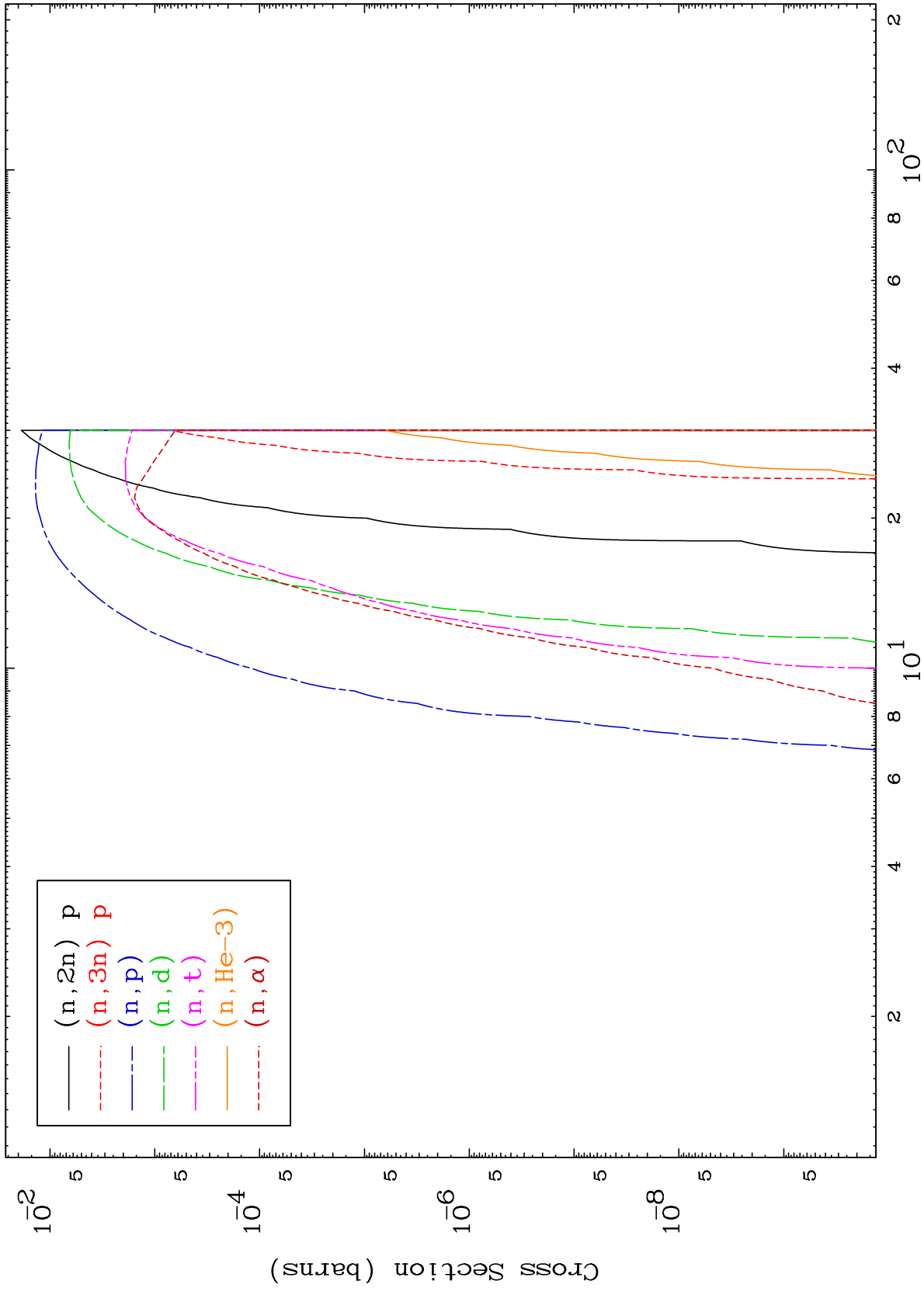
41-Nb-104



4

Incident Energy (MeV)

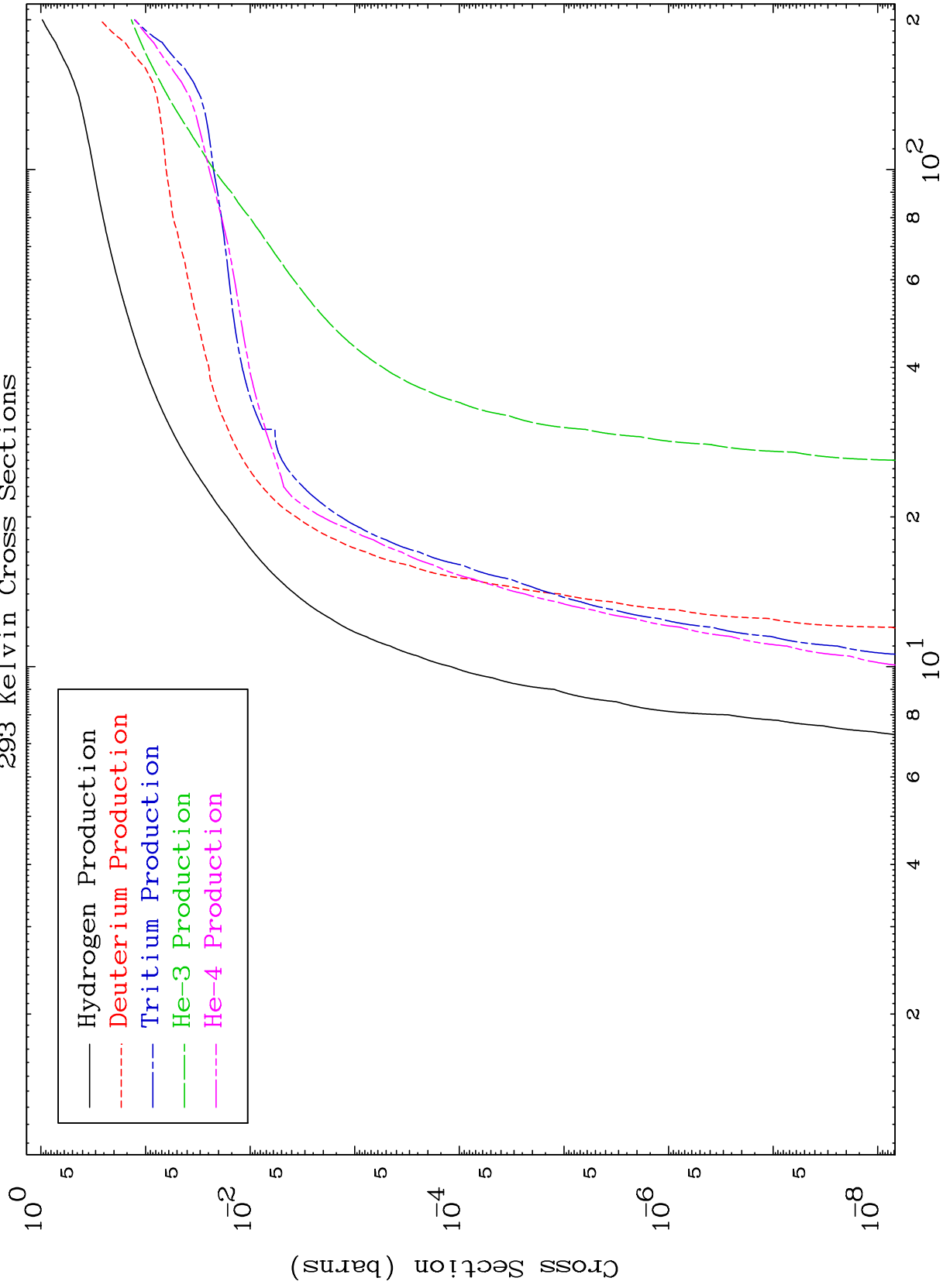
41-Nb-104



MAT 4158

Particle Production  
293 Kelvin Cross Sections

41-Nb-104



6

Incident Energy (MeV)

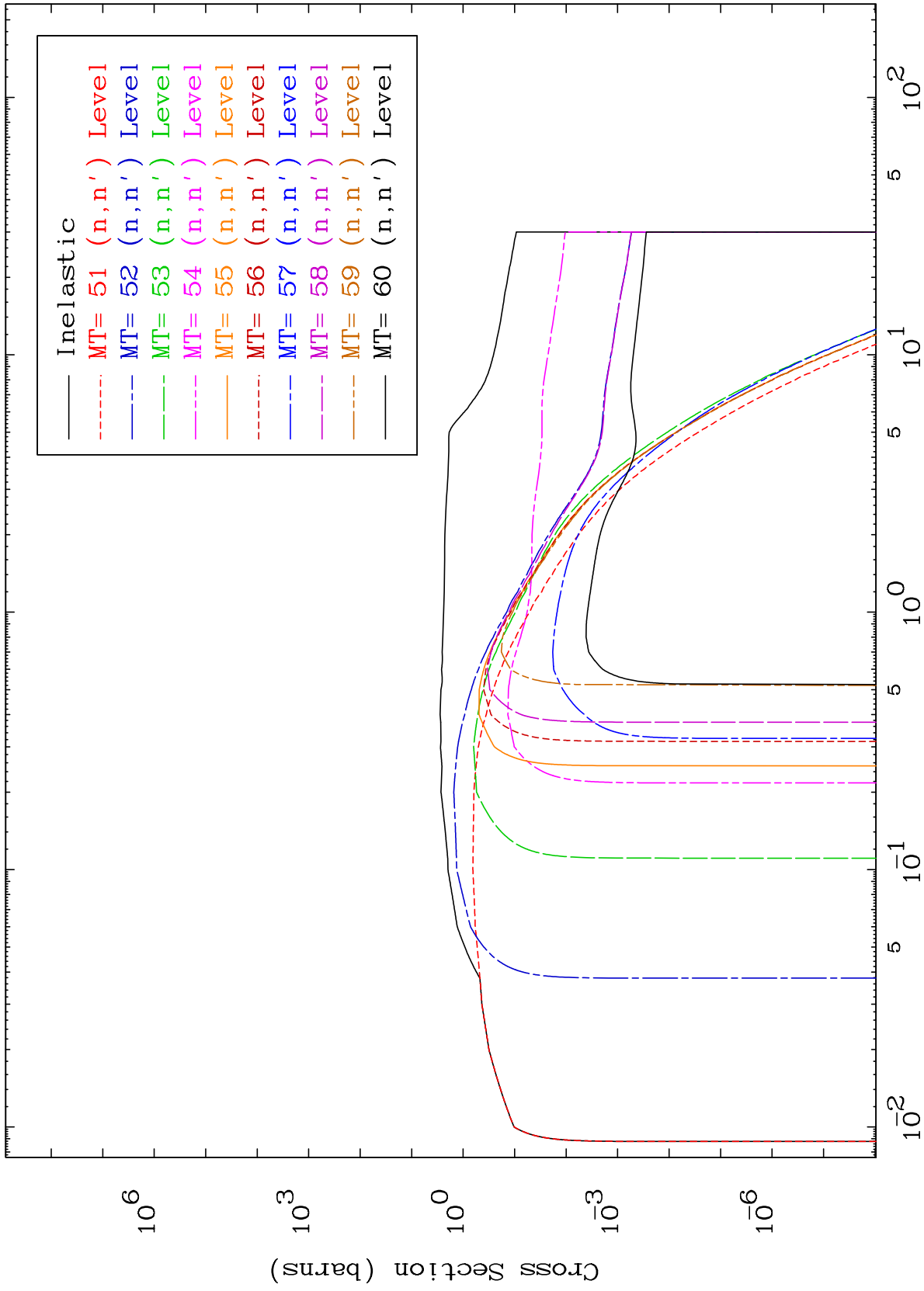
41-Nb-104

MAT 4158

(n,n') Level

41-Nb-104

293 Kelvin Cross Sections



7

Incident Energy (MeV)

41-Nb-104

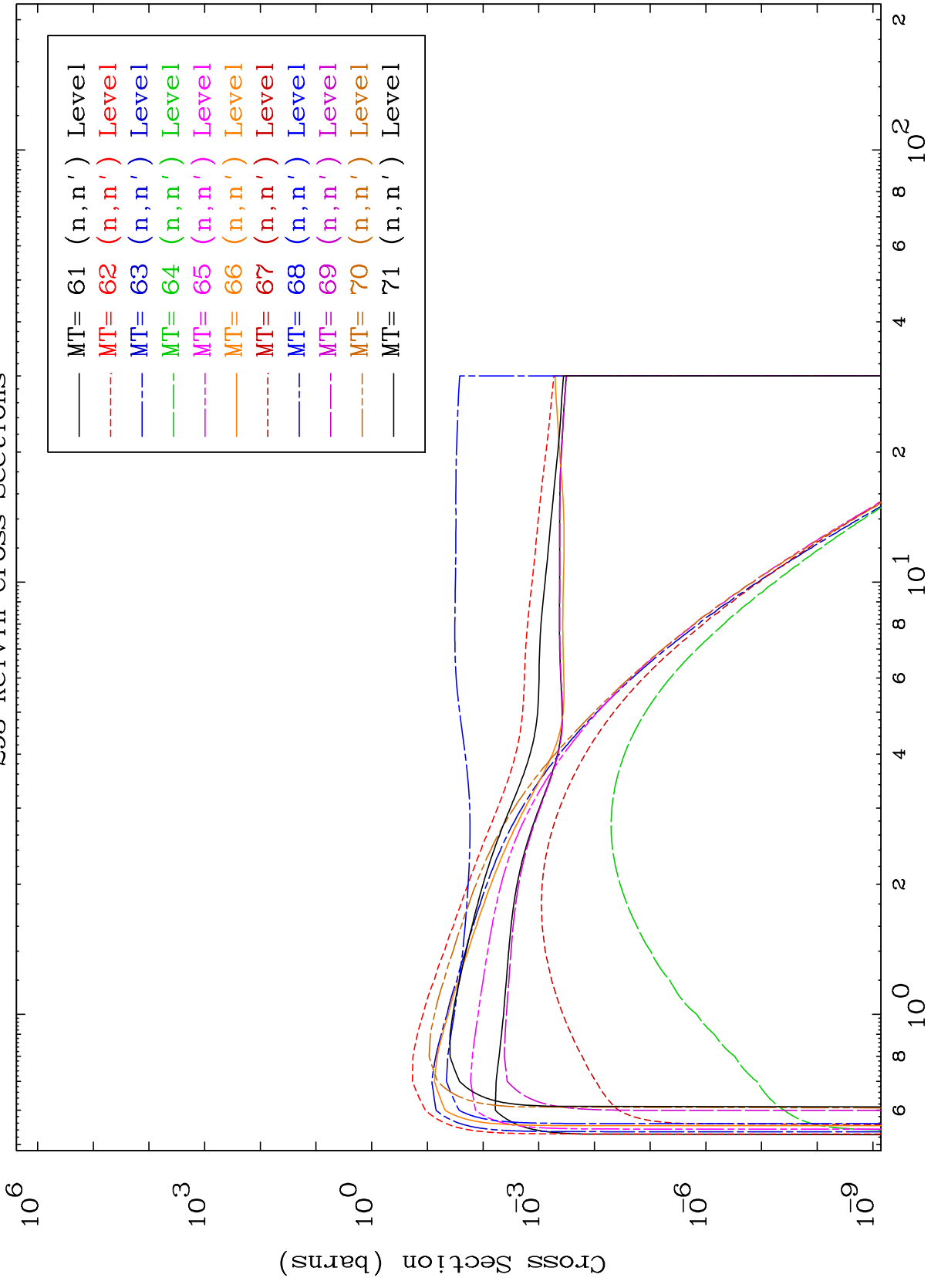


MAT 4158

(n,n') Level

41-Nb-104

293 Kelvin Cross Sections



8

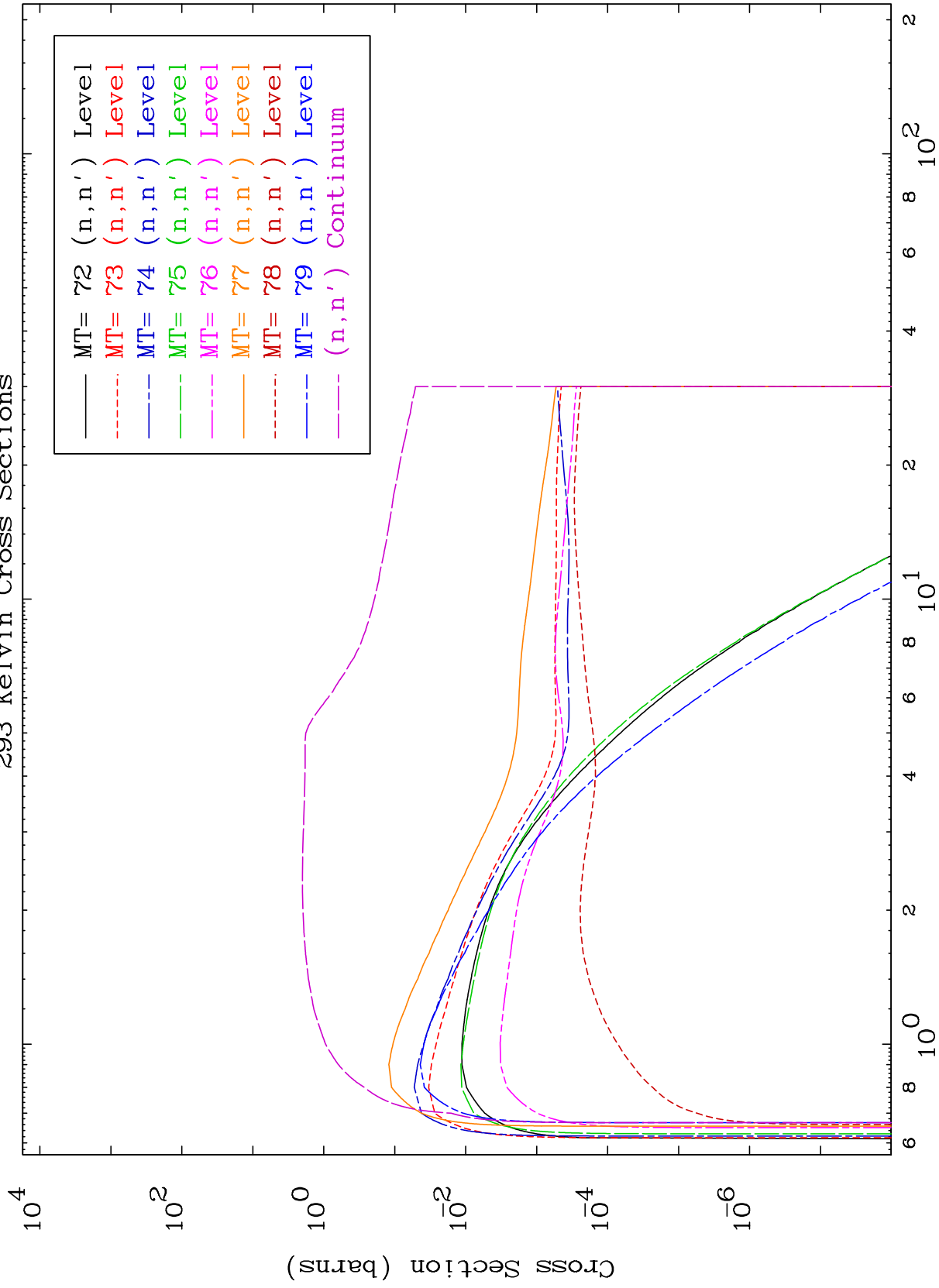
Incident Energy (MeV)

41-Nb-104

MAT 4158

(n,n') Level  
293 Kelvin Cross Sections

41-Nb-104



9

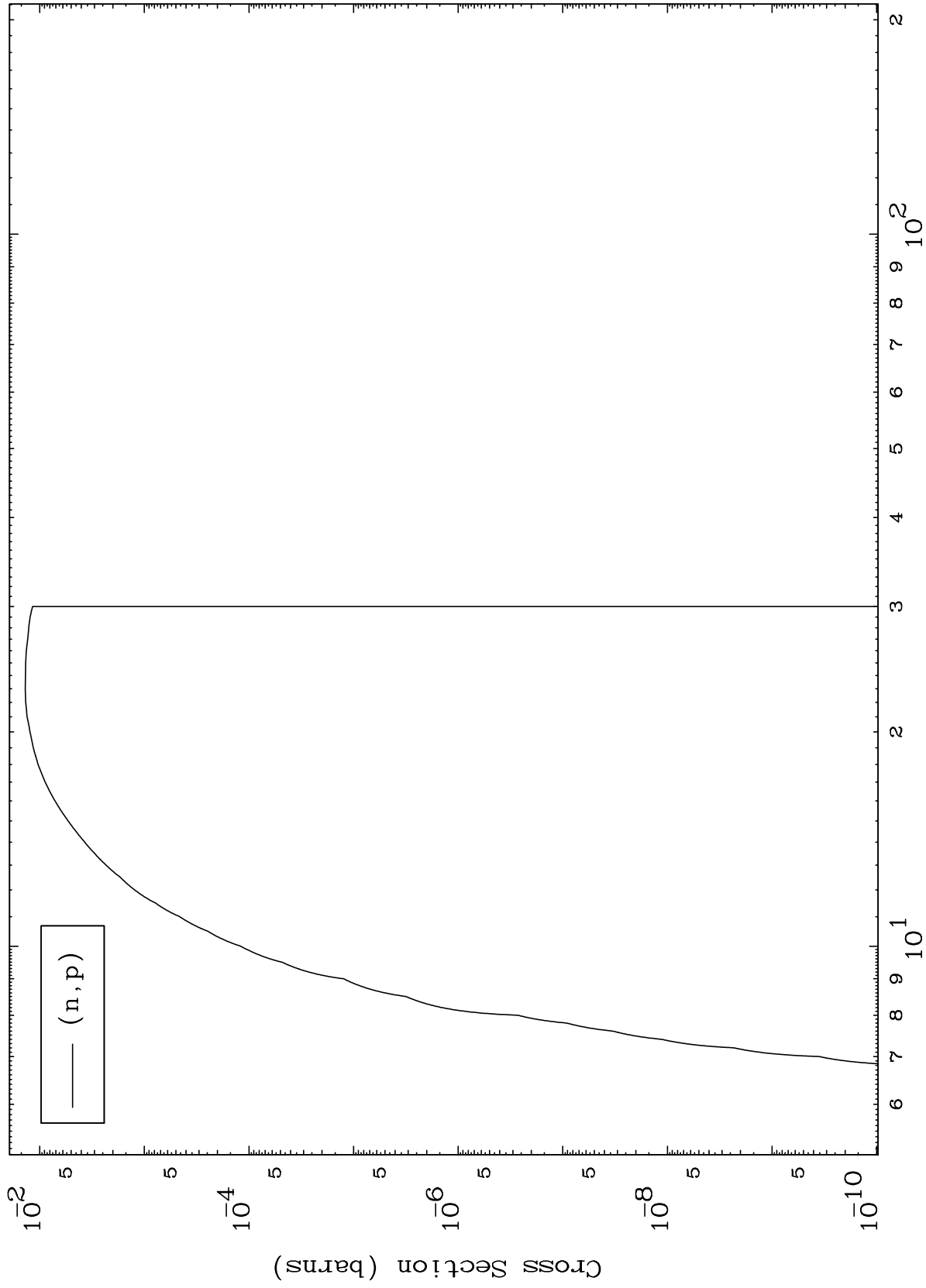
Incident Energy (MeV)

41-Nb-104

MAT 4158

(n,p) Levels  
293 Kelvin Cross Sections

41-Nb-104



10

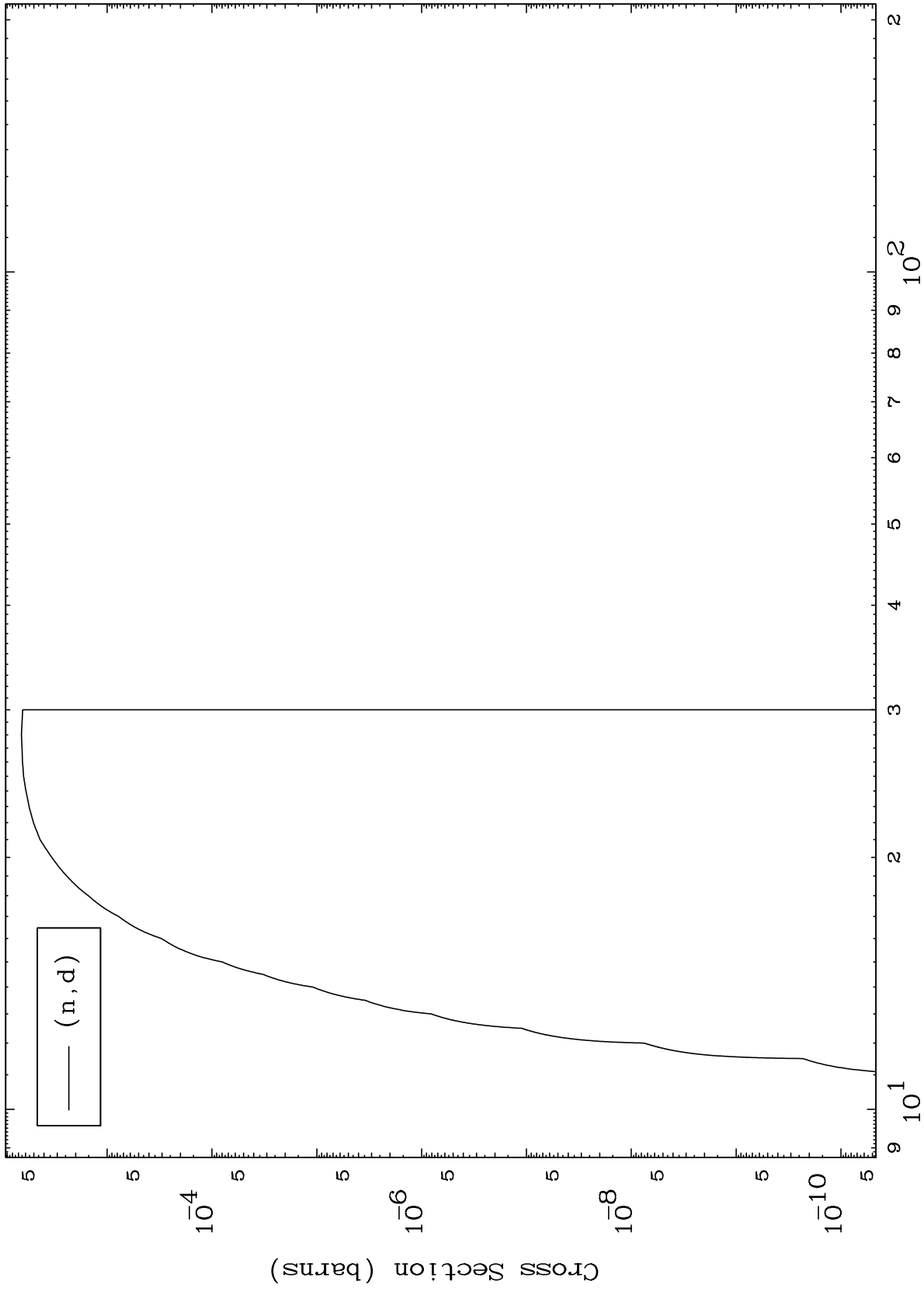
Incident Energy (MeV)

41-Nb-104

MAT 4158

(n,d) Levels  
293 Kelvin Cross Sections

41-Nb-104



11

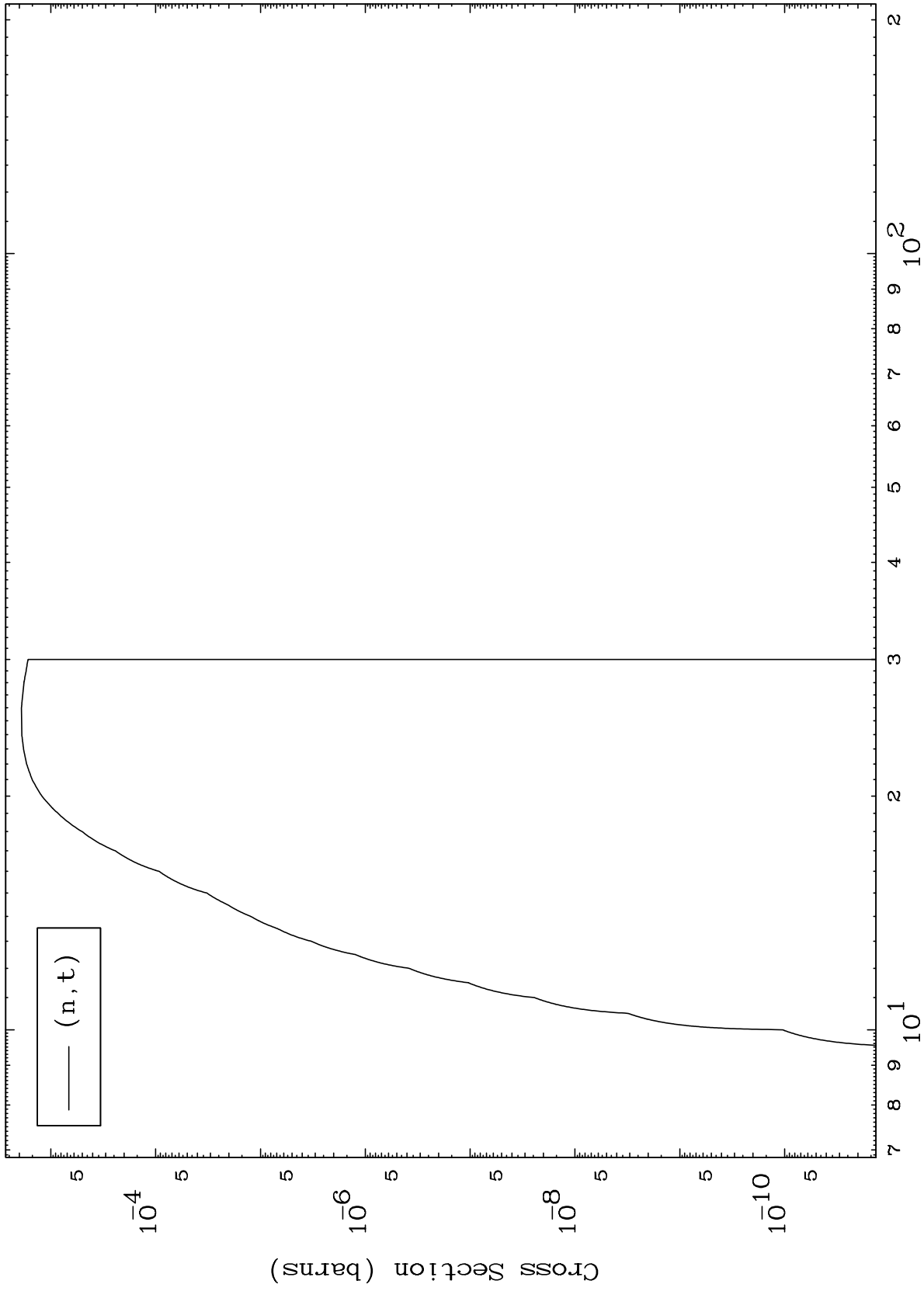
Incident Energy (MeV)

41-Nb-104

MAT 4158

(n,t) Levels  
293 Kelvin Cross Sections

41-Nb-104



12

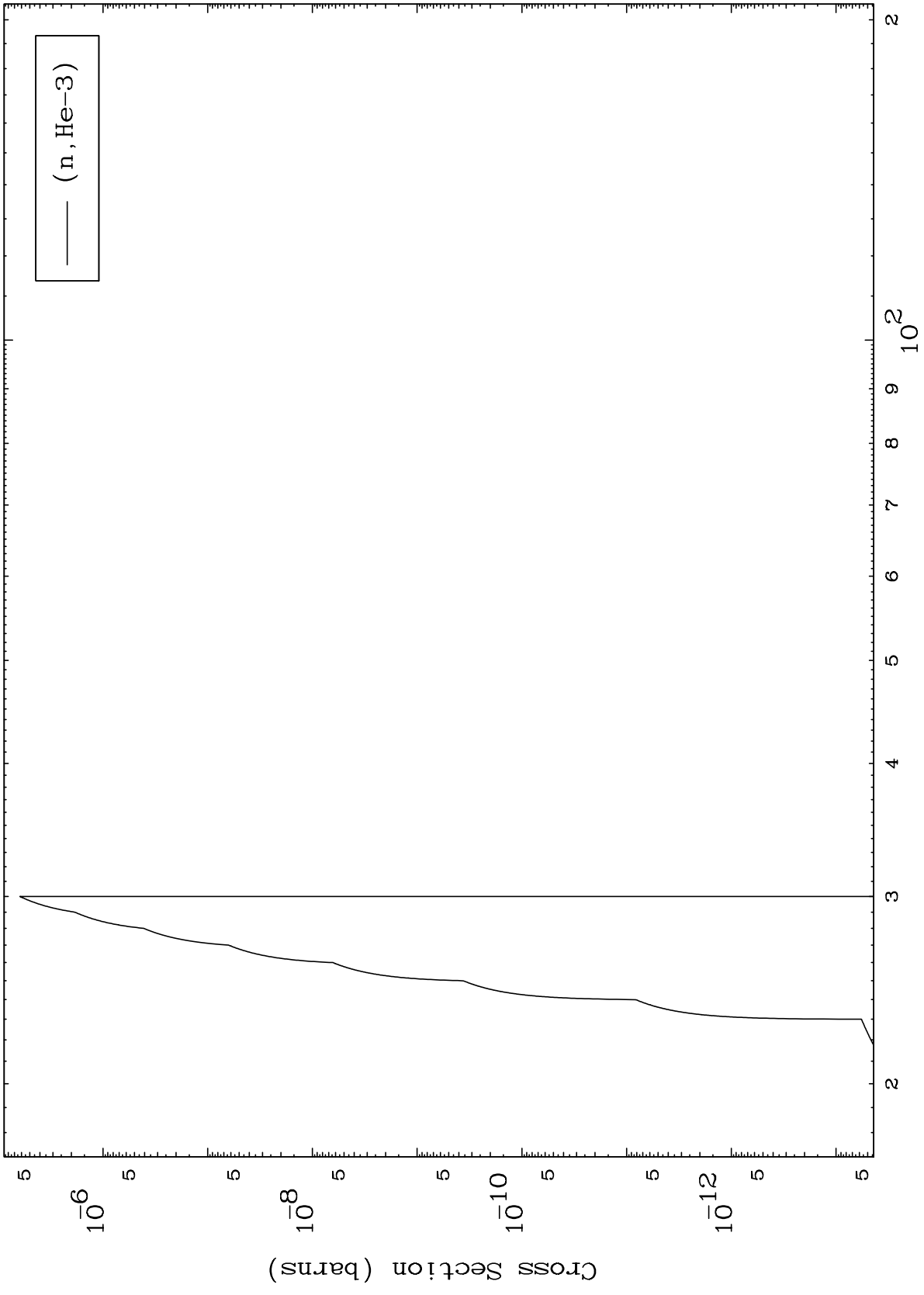
Incident Energy (MeV)

41-Nb-104

MAT 4158

(n,He3) Levels  
293 Kelvin Cross Sections

41-Nb-104



13

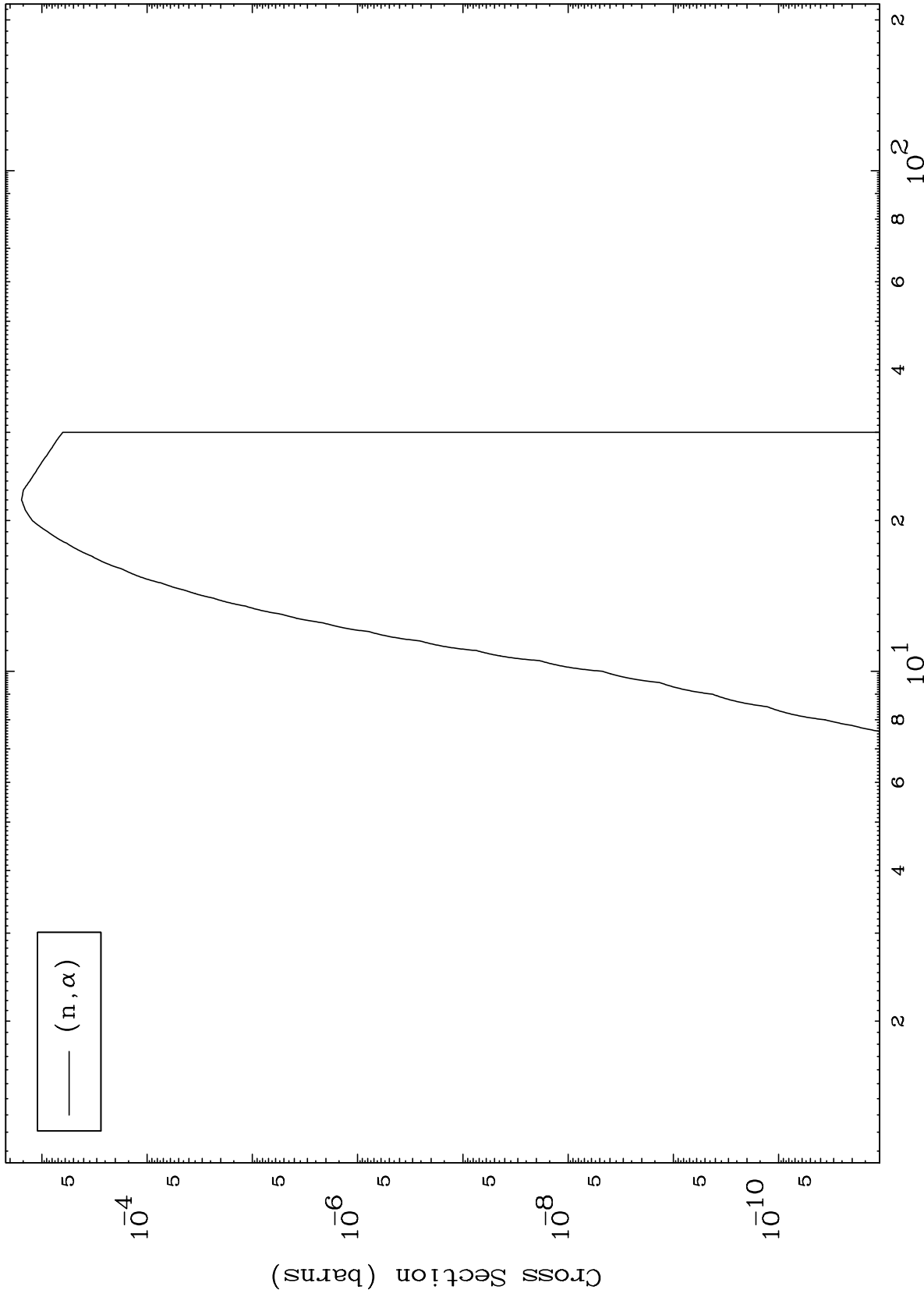
Incident Energy (MeV)

41-Nb-104

MAT 4158

(n,α) Levels  
293 Kelvin Cross Sections

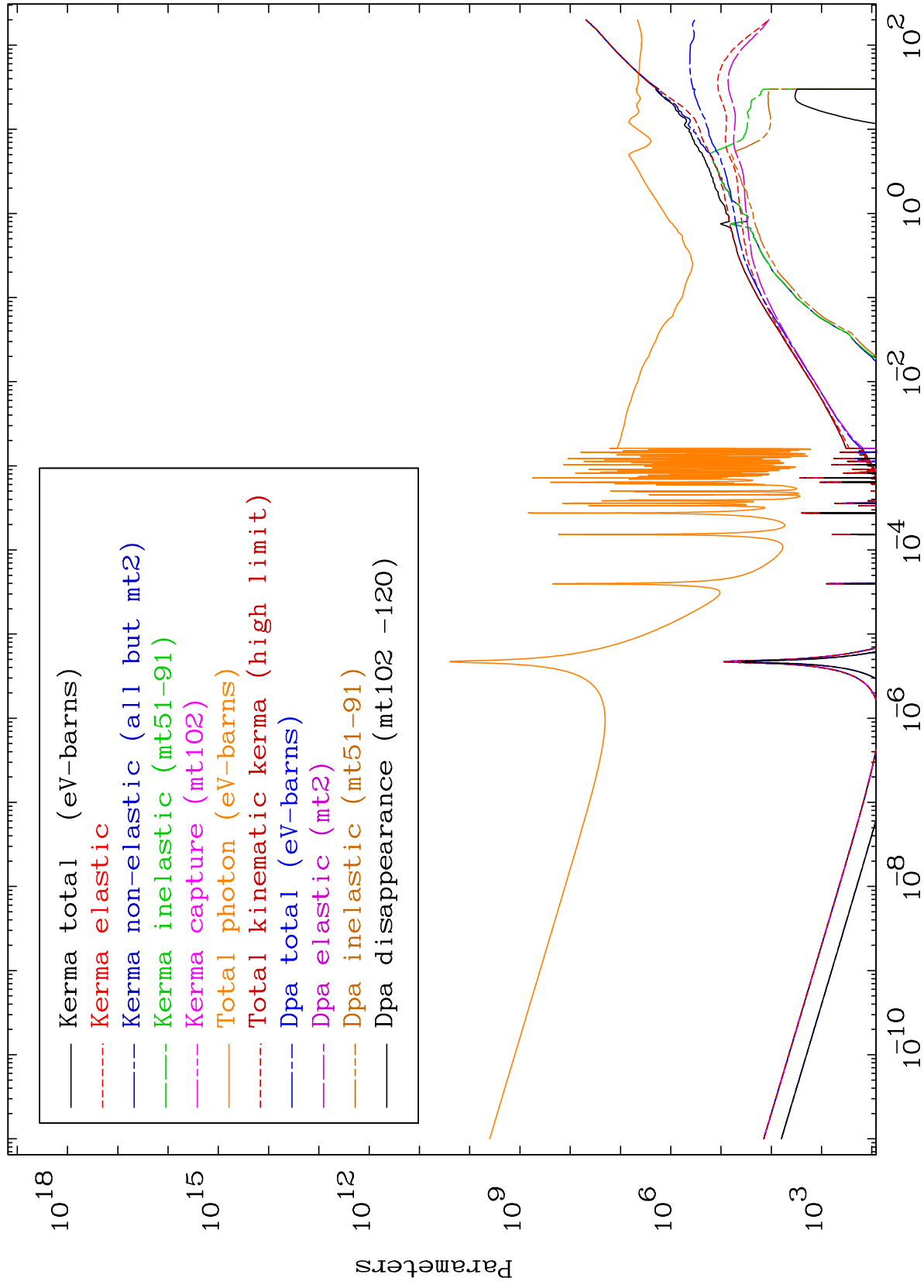
41-Nb-104



14

Incident Energy (MeV)

41-Nb-104

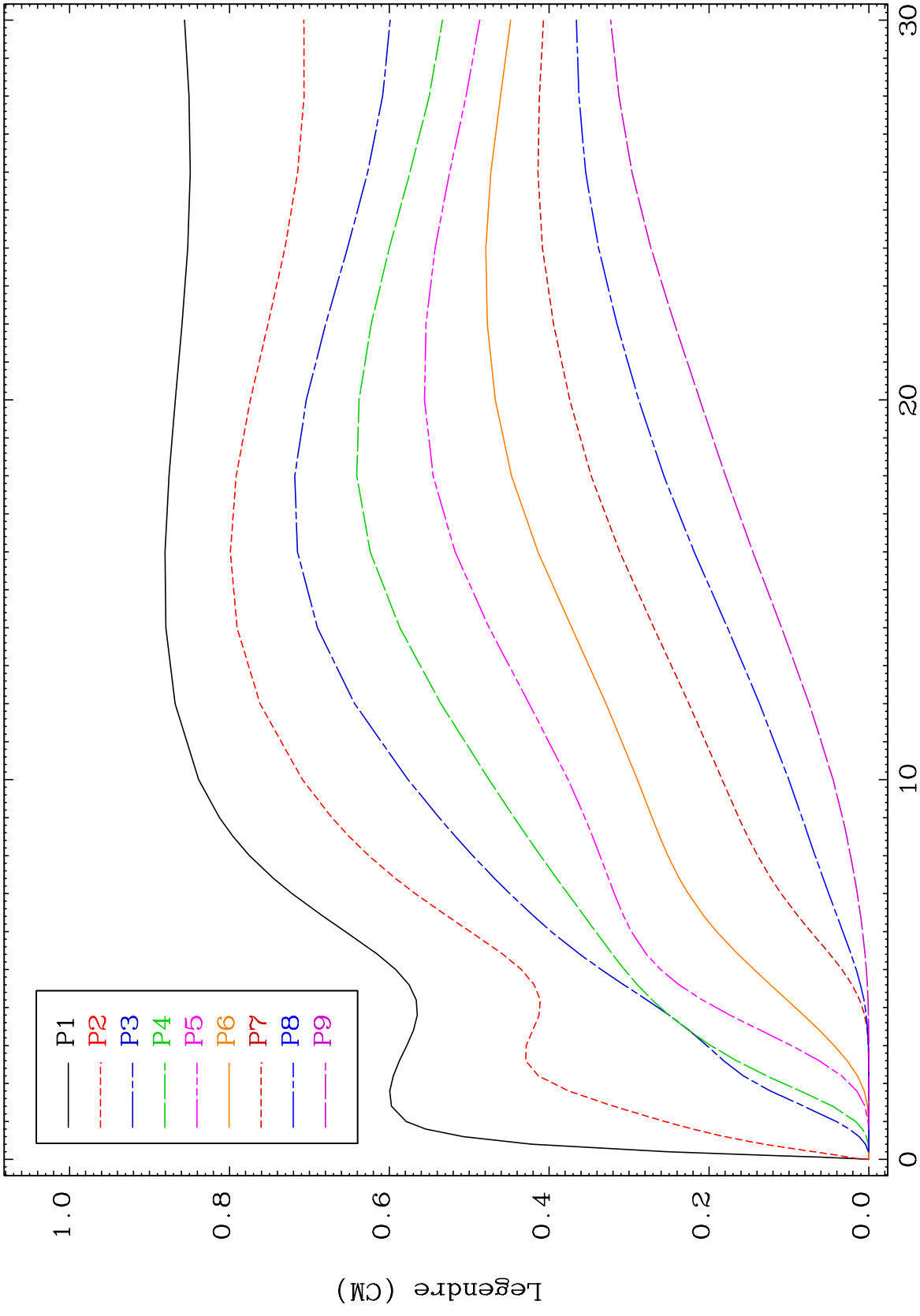




MAT 4158

Elastic Legendre Coefficients

41-Nb-104



16

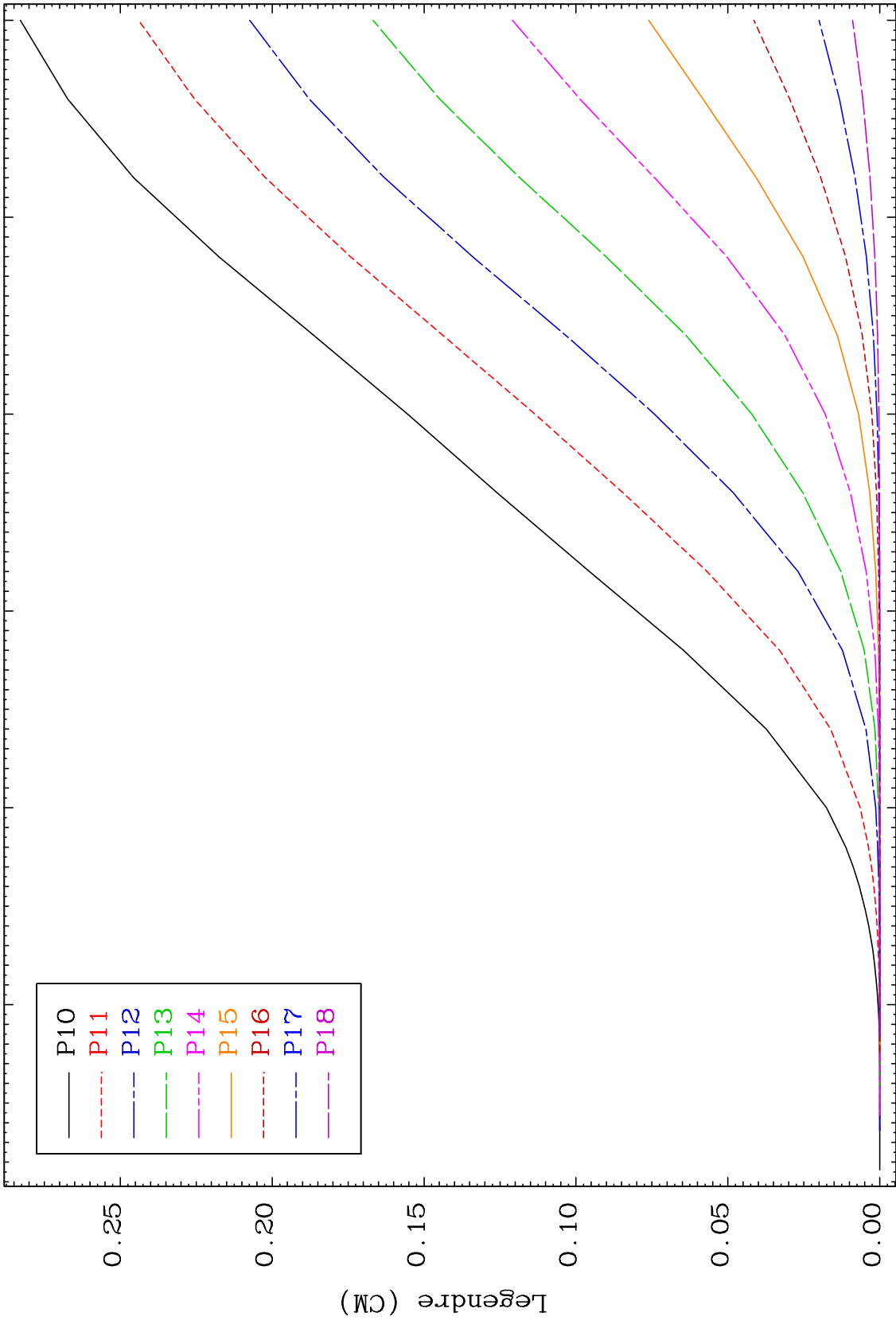
Incident Energy (MeV)

41-Nb-104

MAT 4158

Elastic Legendre Coefficients

41-Nb-104



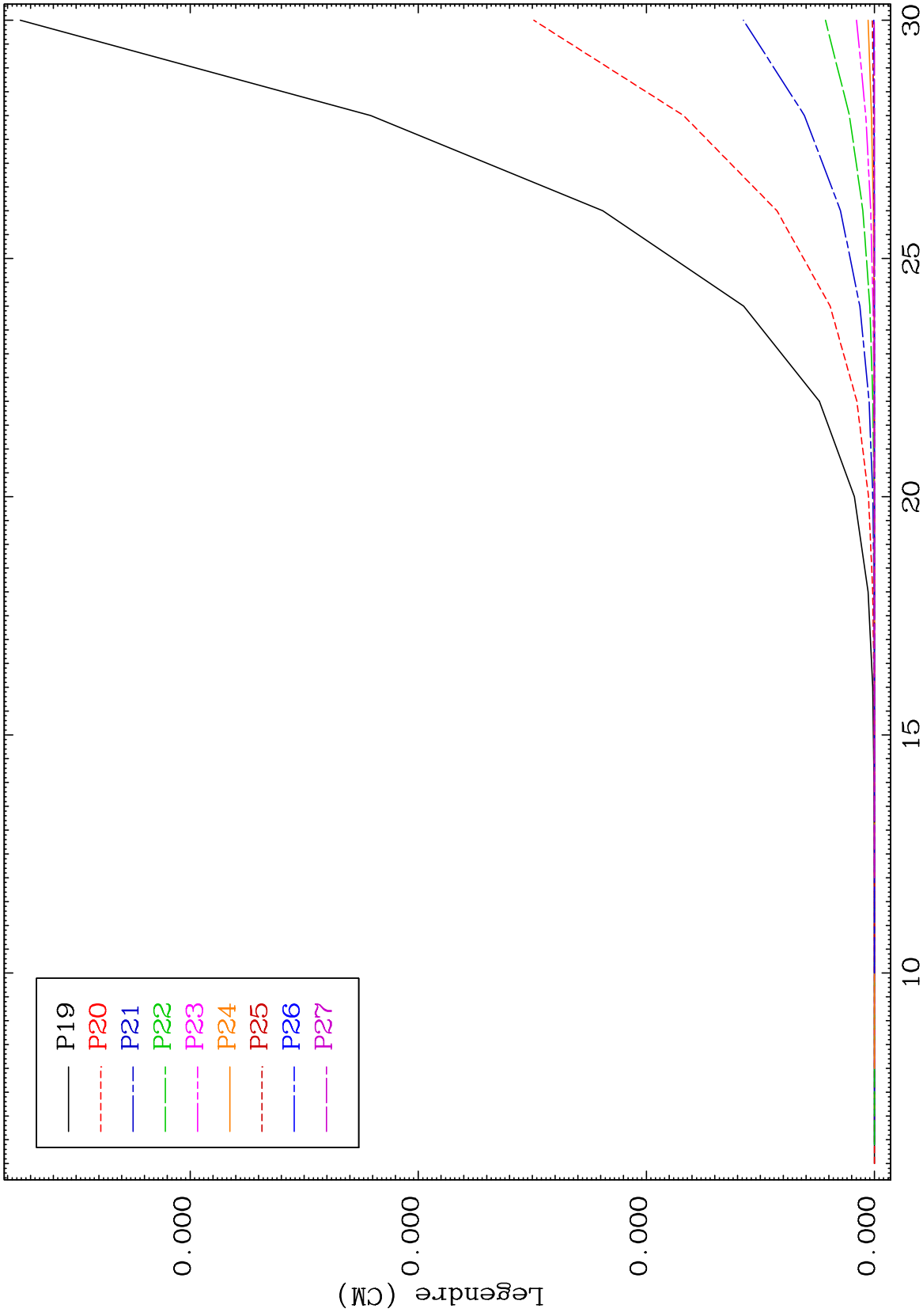
17

41-Nb-104

MAT 4158

### Elastic Legendre Coefficients

41-Nb-104



18

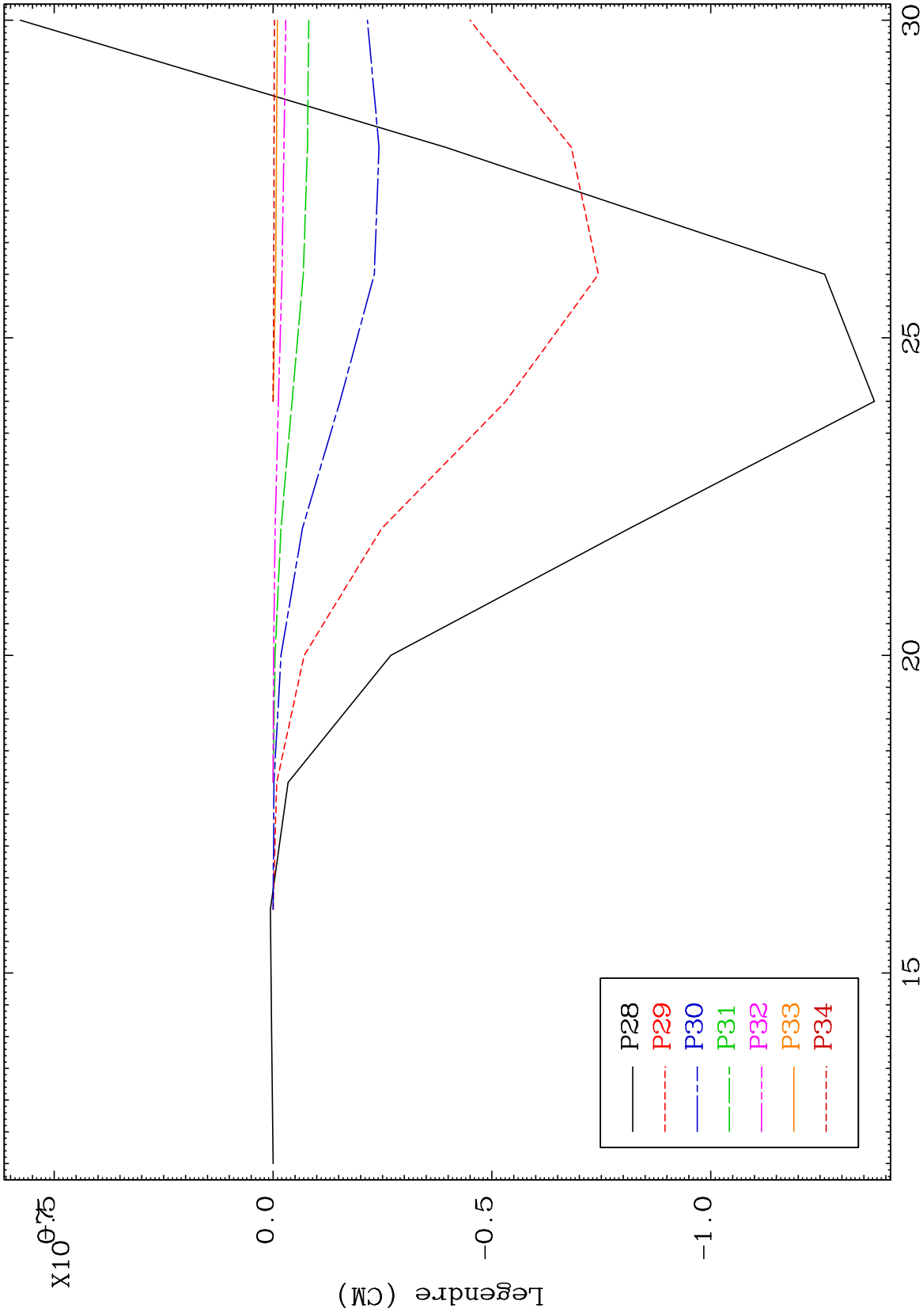
Incident Energy (MeV)

41-Nb-104

MAT 4158

Elastic Legendre Coefficients

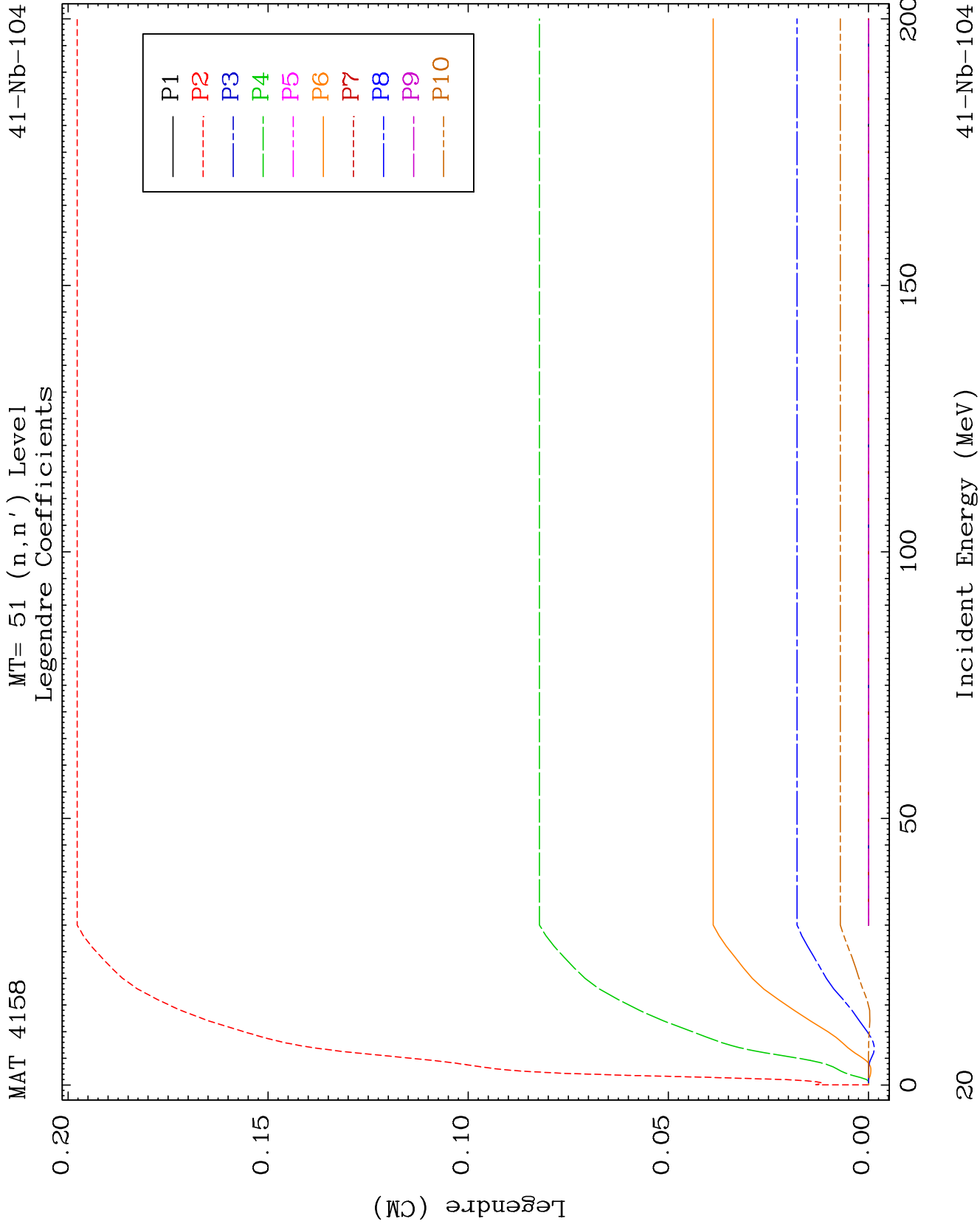
41-Nb-104



19

Incident Energy (MeV)

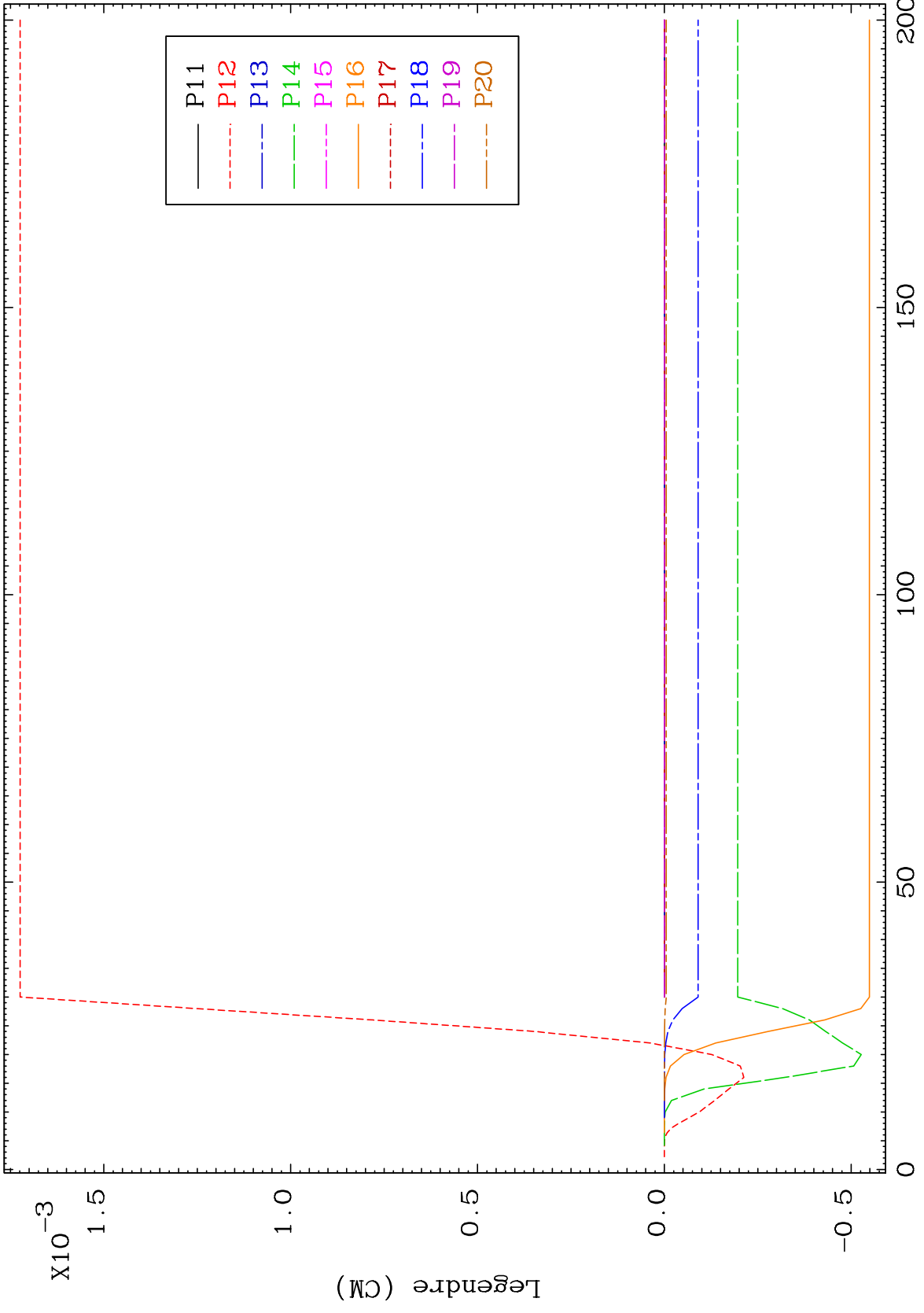
41-Nb-104



MAT 4158

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

41-Nb-104



21

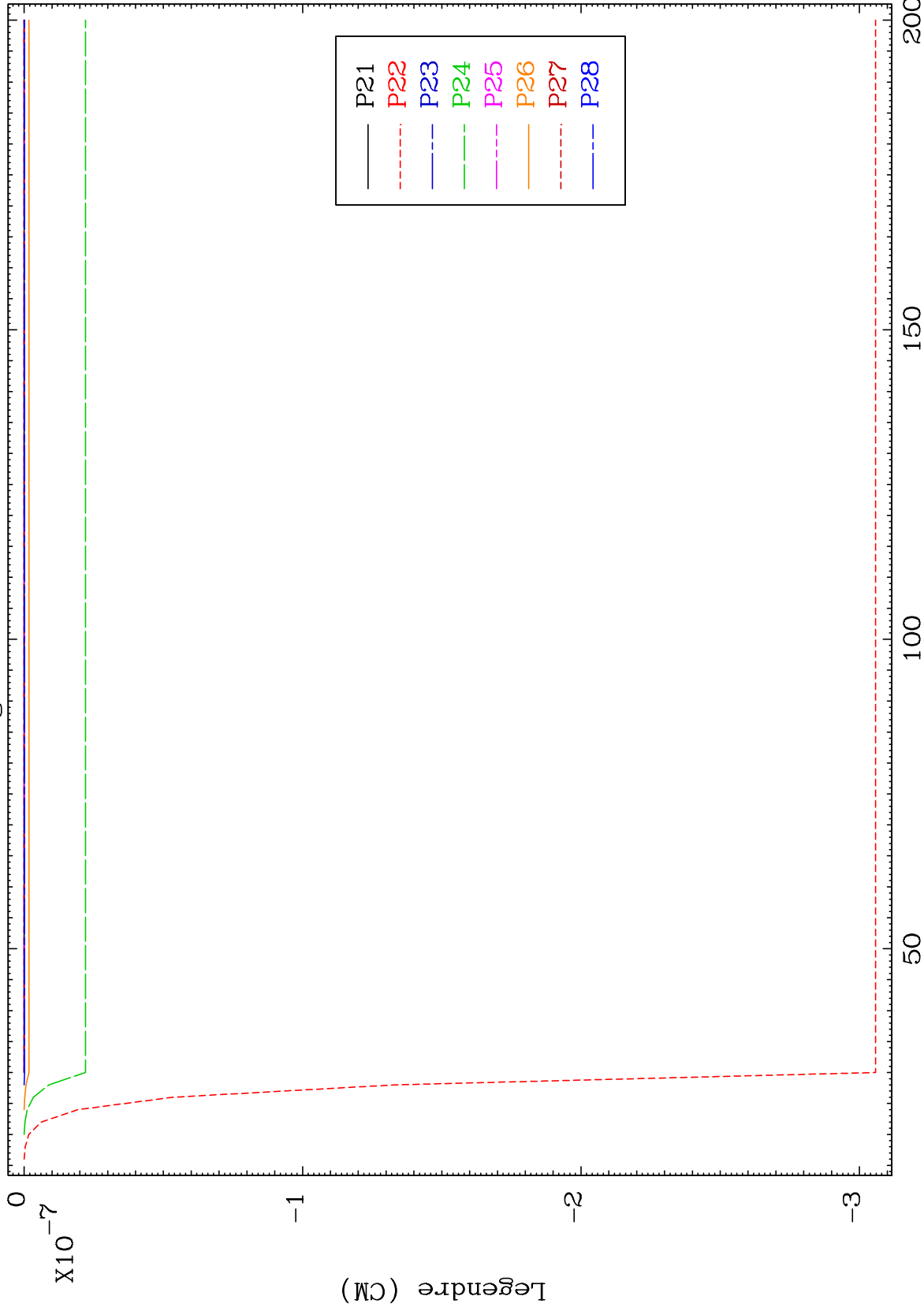
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104

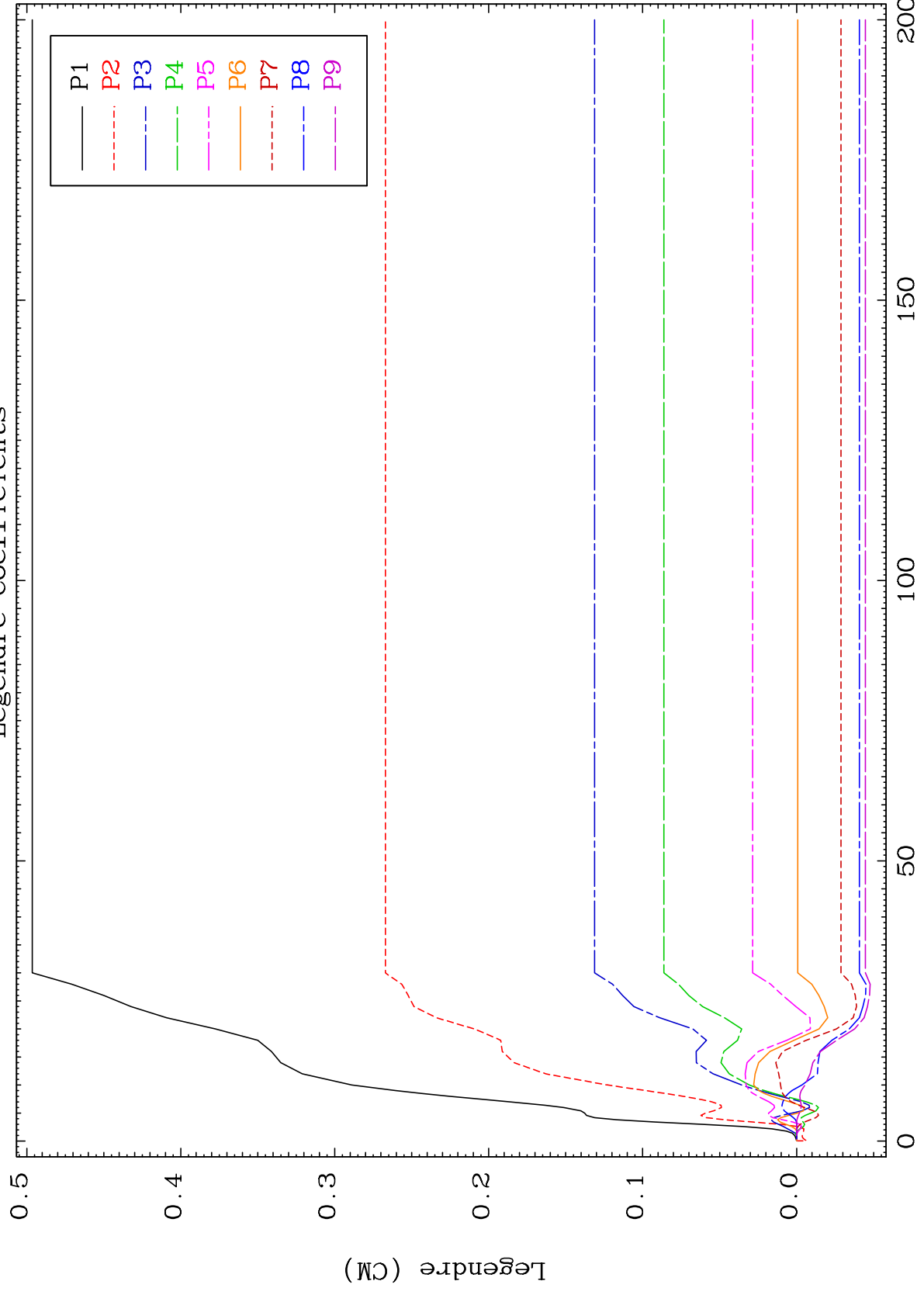


41-Nb-104

Incident Energy (MeV)

22

MAT 4158 MT= 52 (n,n') Level Legendre Coefficients 41-Nb-104

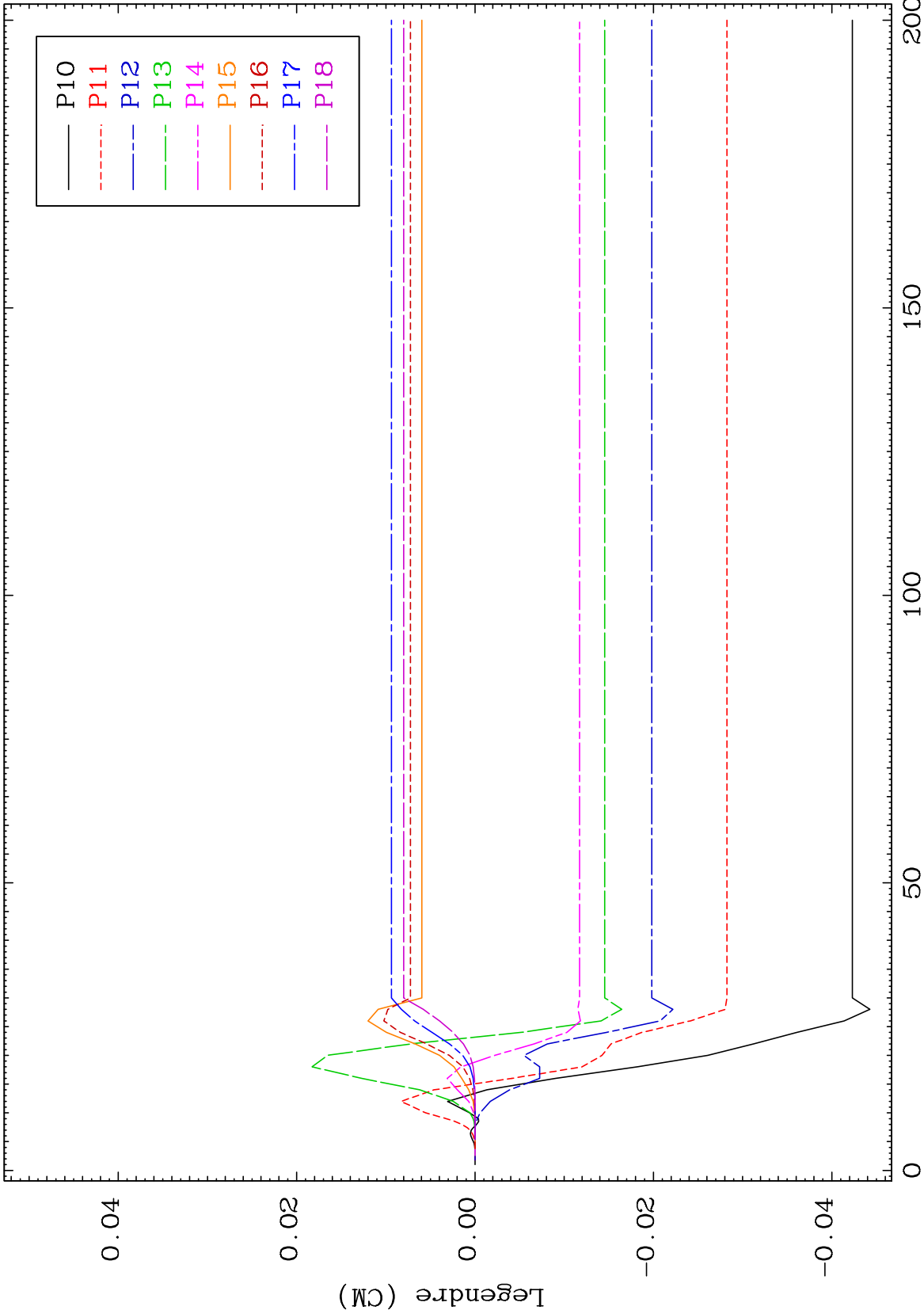




MAT 4158

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

41-Nb-104

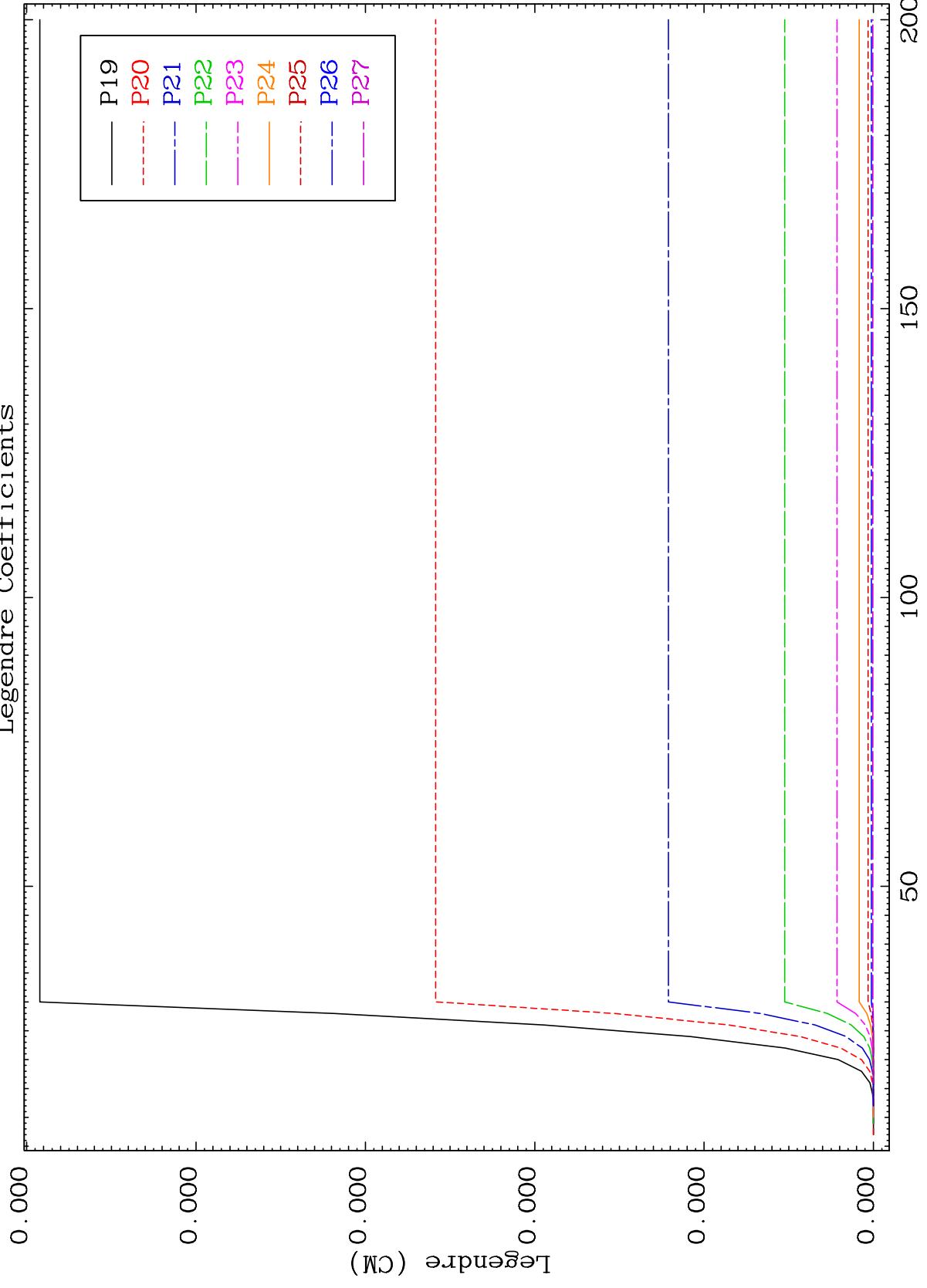


24

Incident Energy (MeV)

41-Nb-104

MAT 4158 MT= 52 (n,n') Level Legendre Coefficients 41-Nb-104

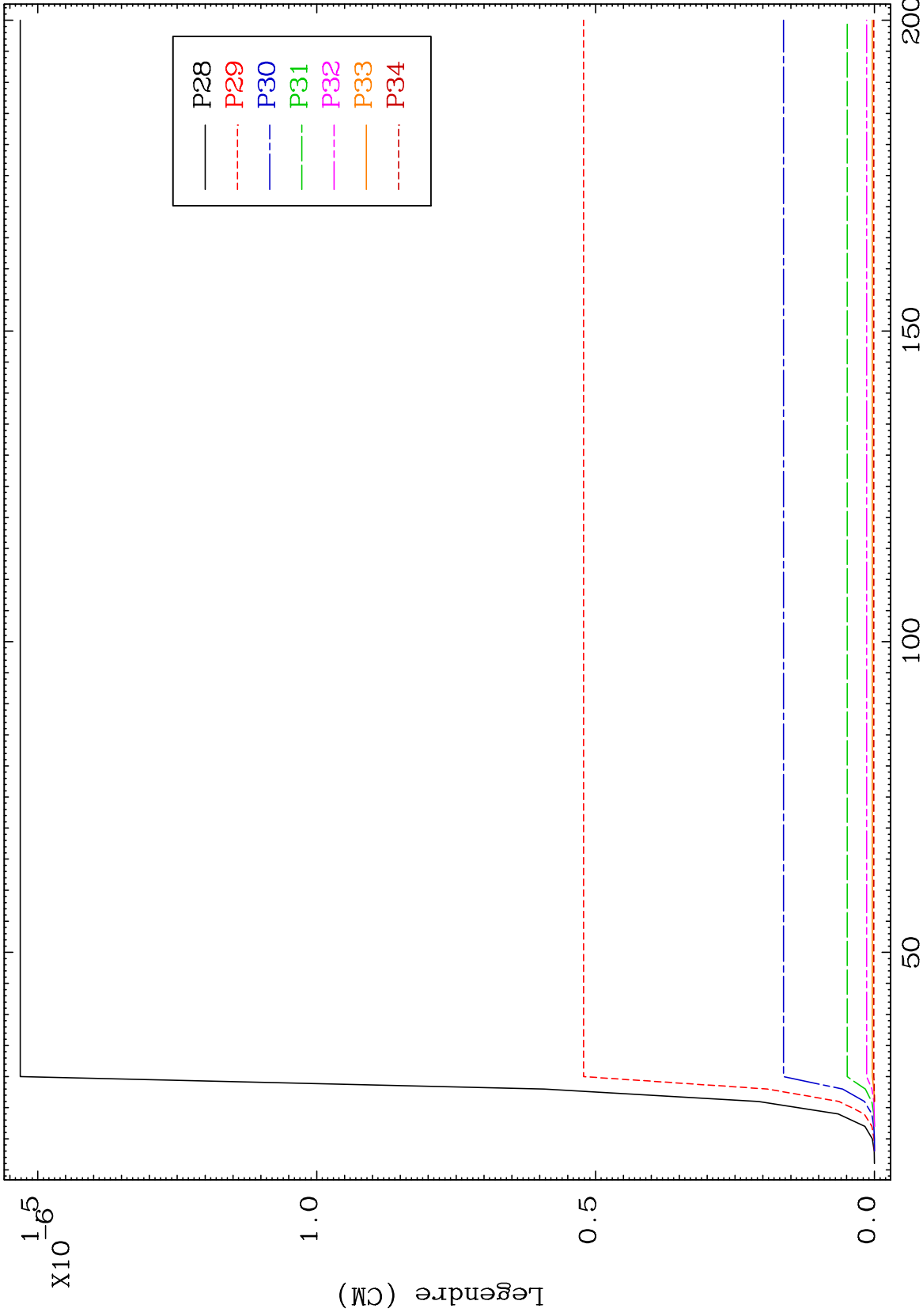


25 50 100 150 200 41-Nb-104

MAT 4158

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

41-Nb-104



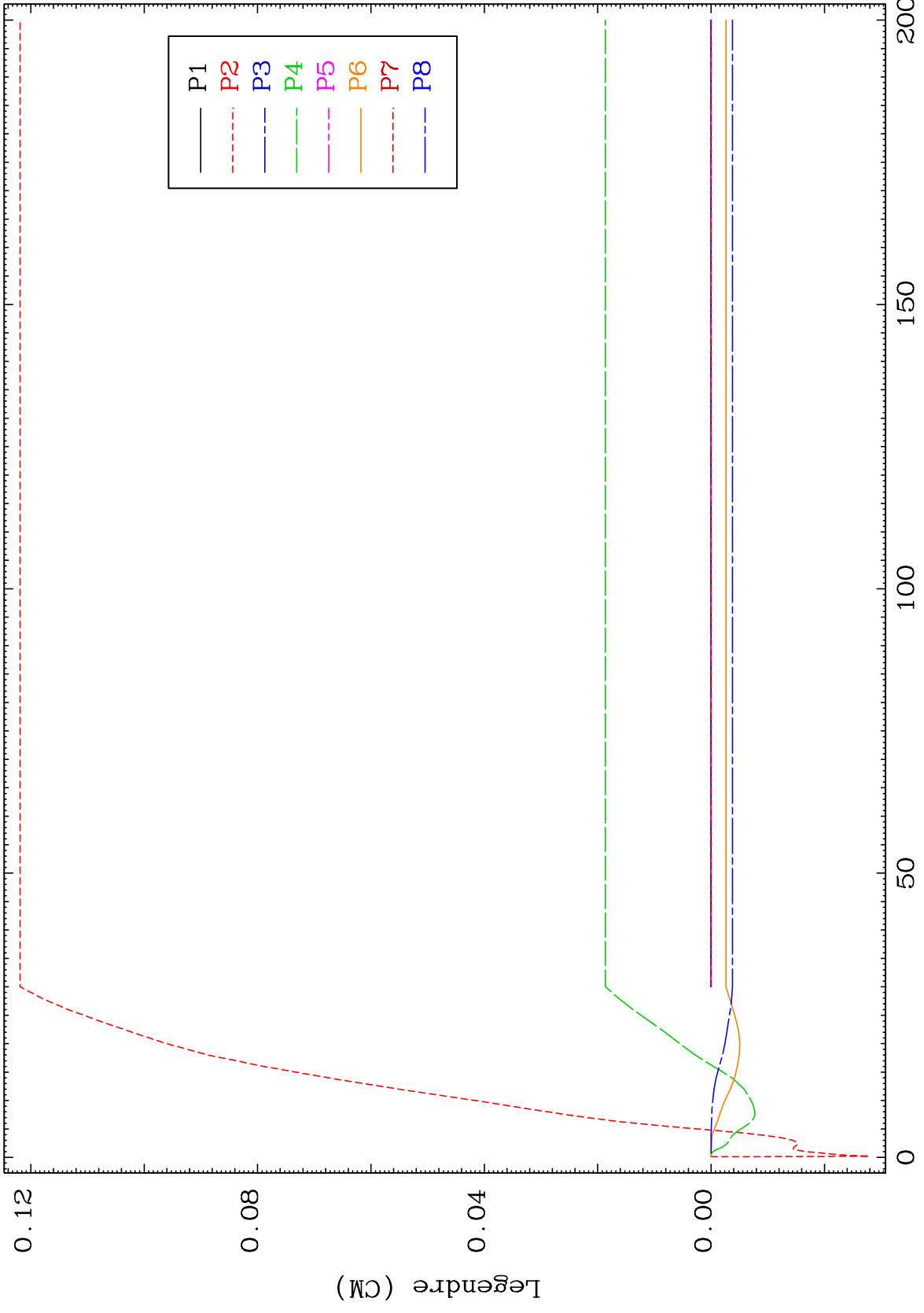
26

41-Nb-104

MAT 4158

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

41-Nb-104



27

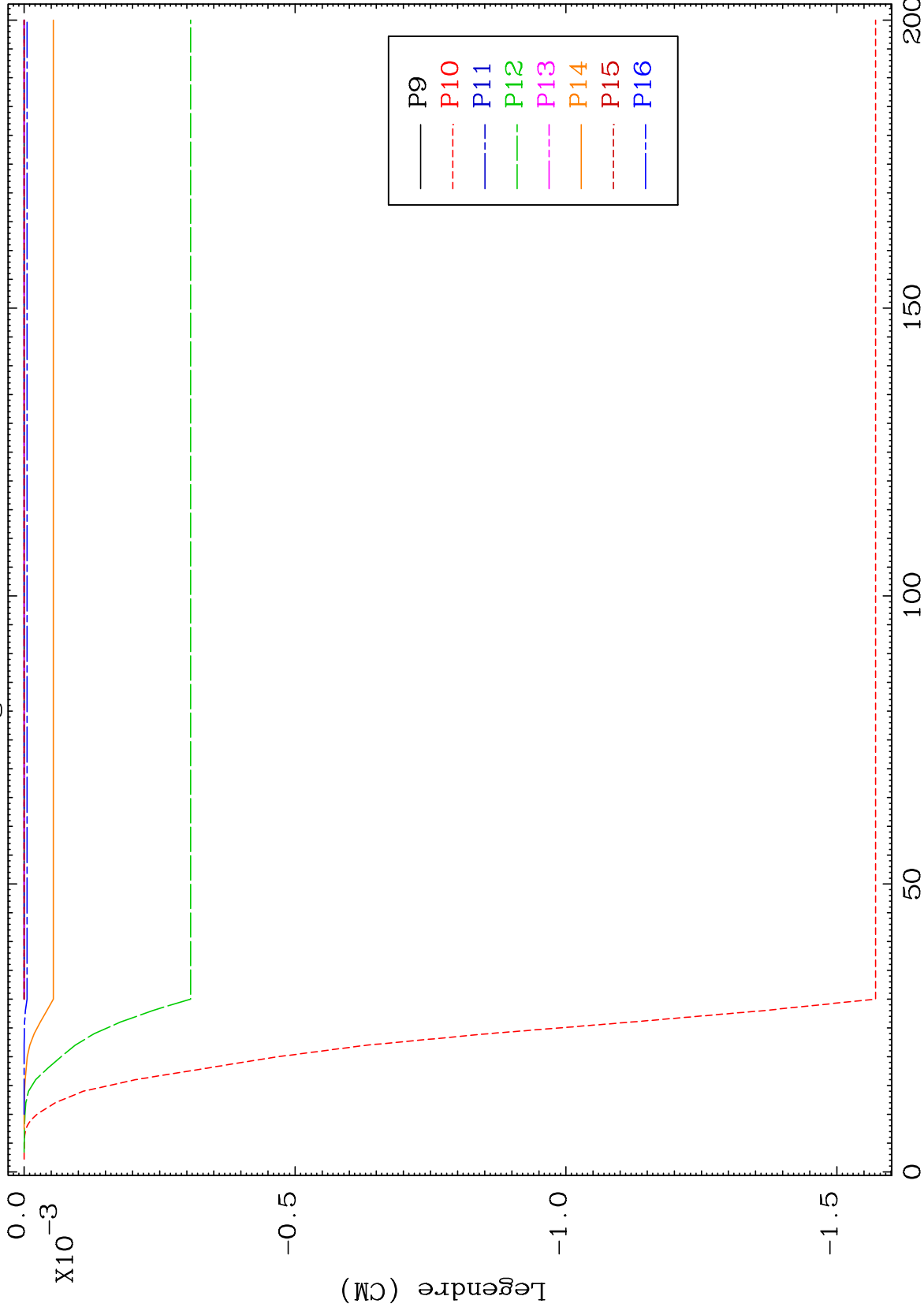
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



28

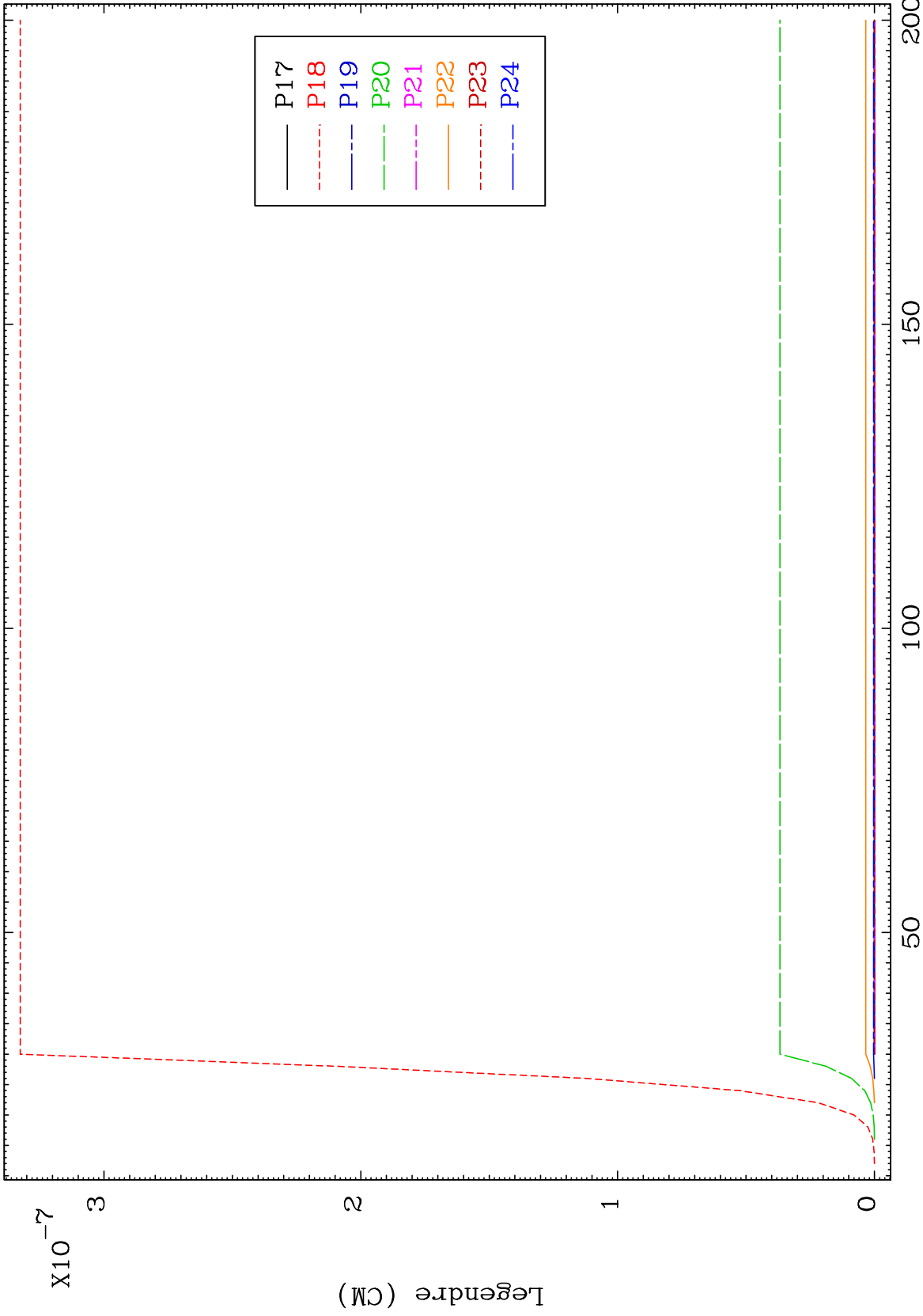
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



29

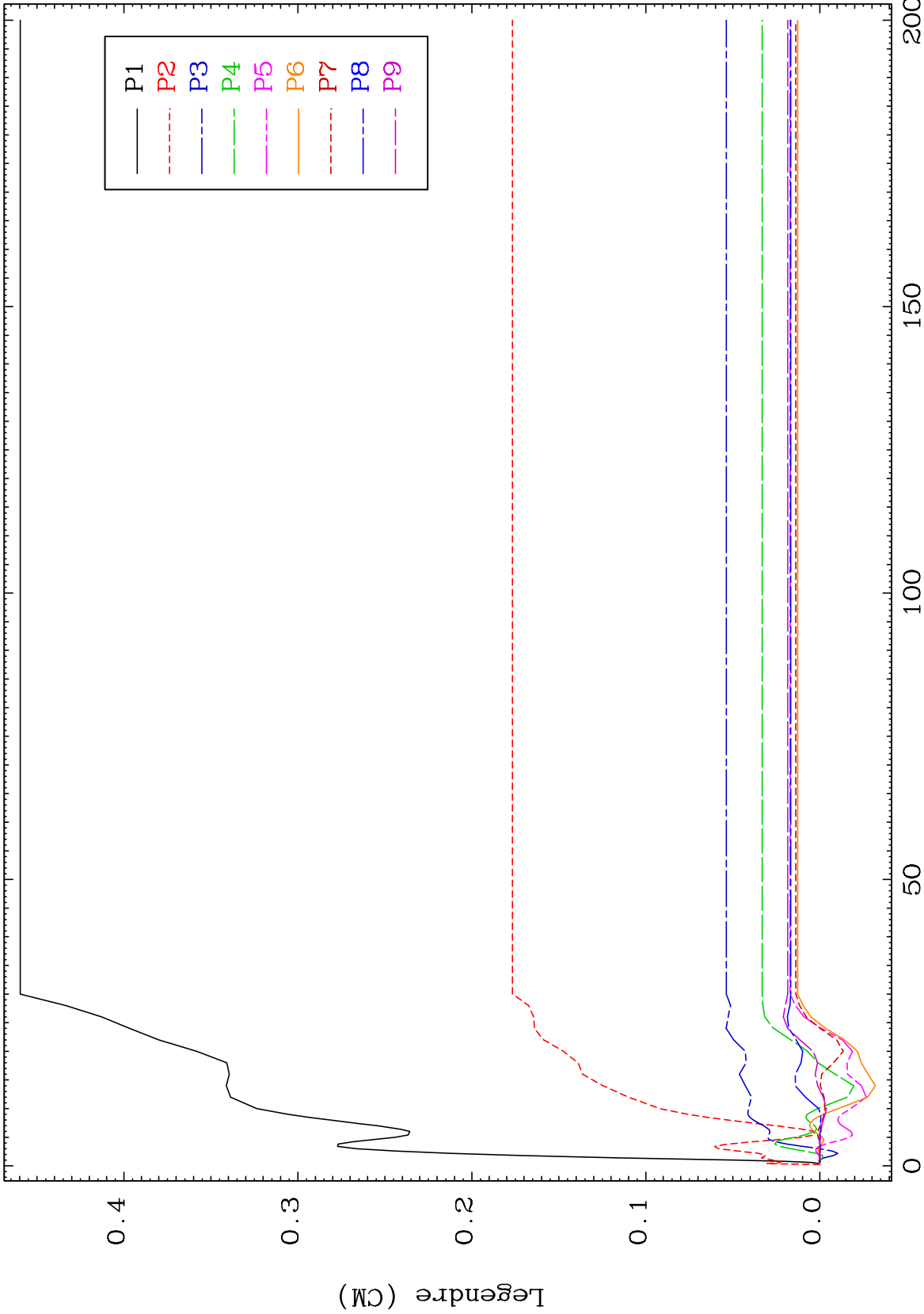
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



41-Nb-104

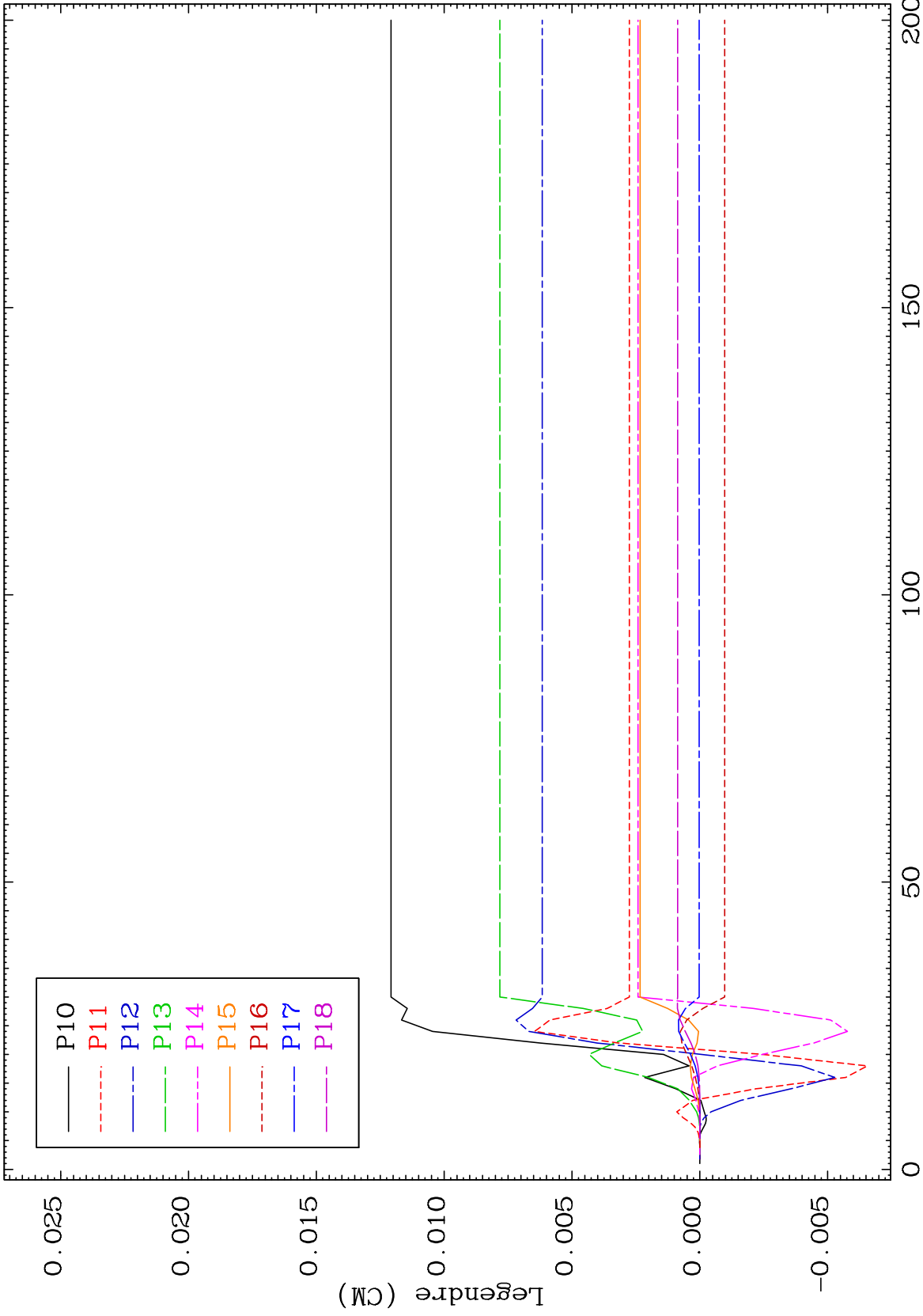
Incident Energy (MeV)

30

MAT 4158

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

41-Nb-104



31

Incident Energy (MeV)

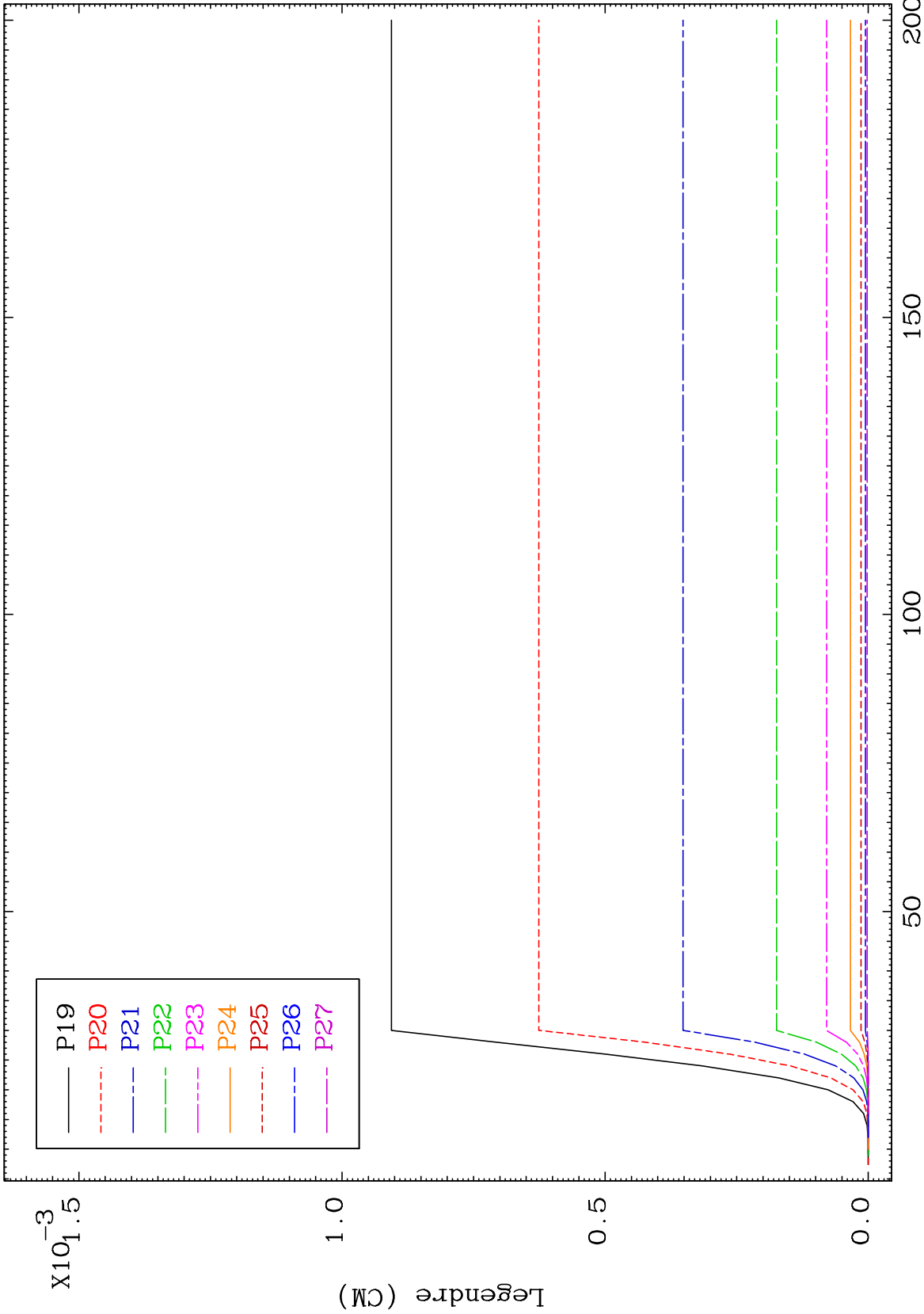
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MAT 4158

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

41-Nb-104



32

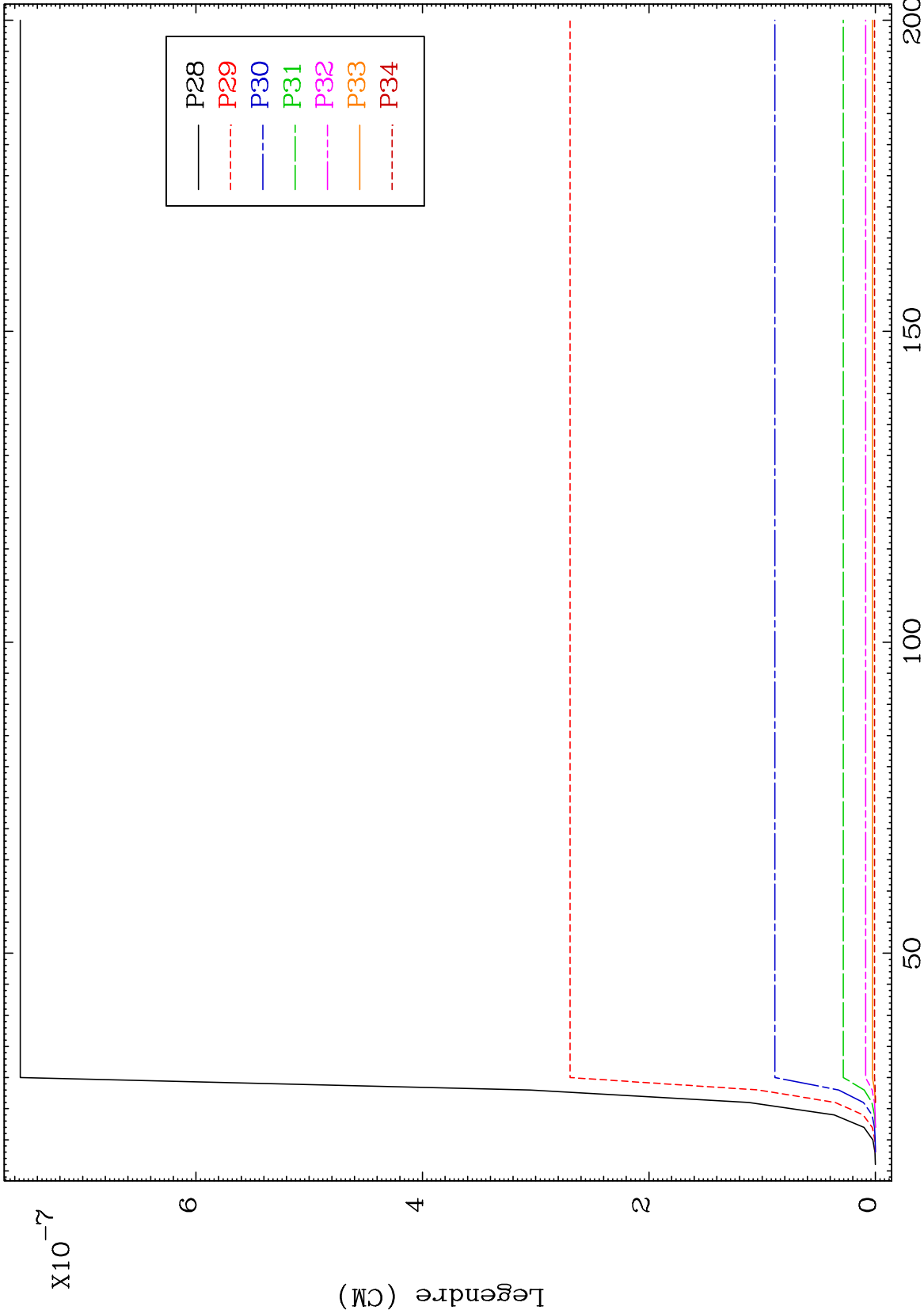
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

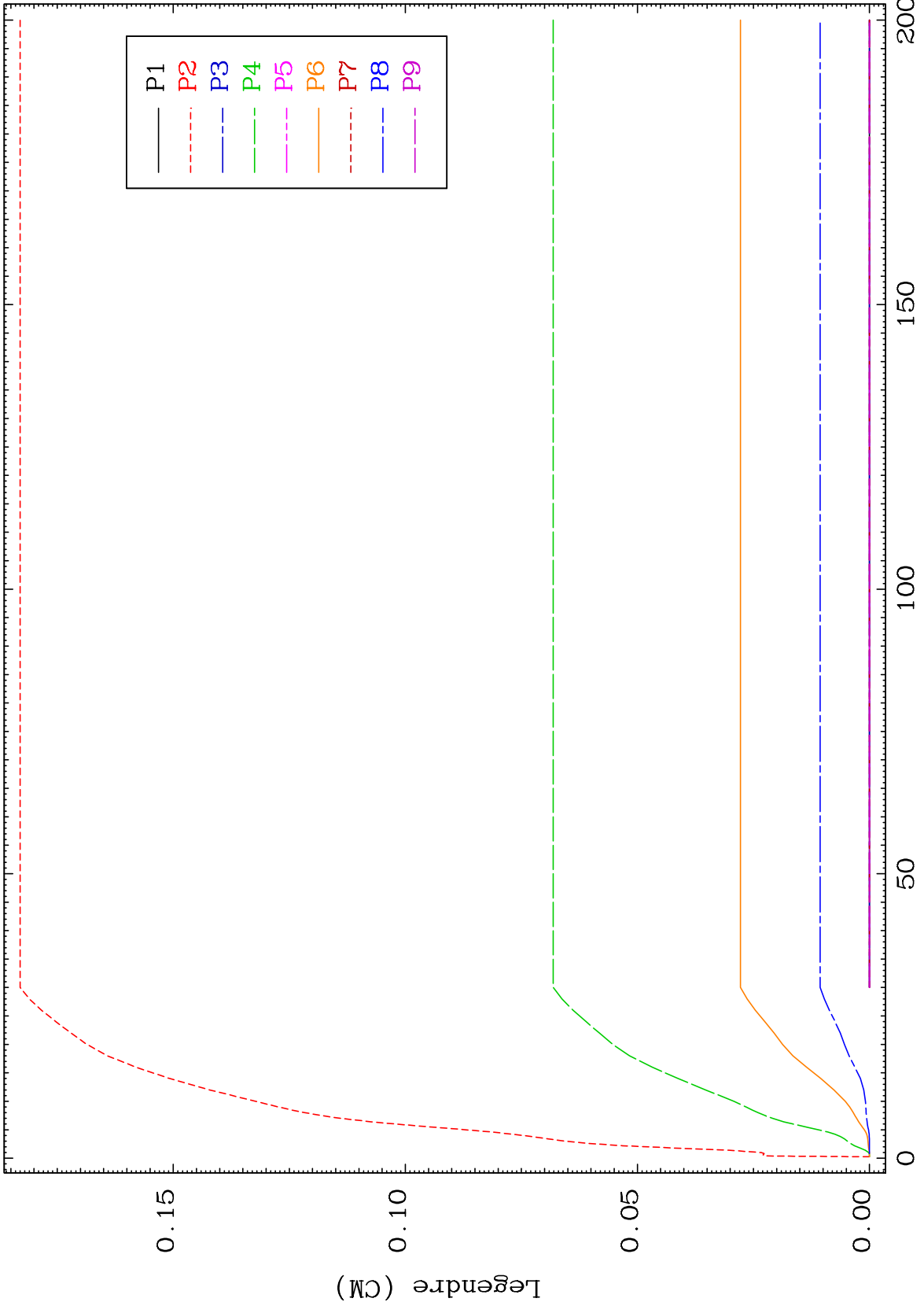
41-Nb-104



33

41-Nb-104

MAT 4158 MT= 55 (n,n') Level Legendre Coefficients 41-Nb-104

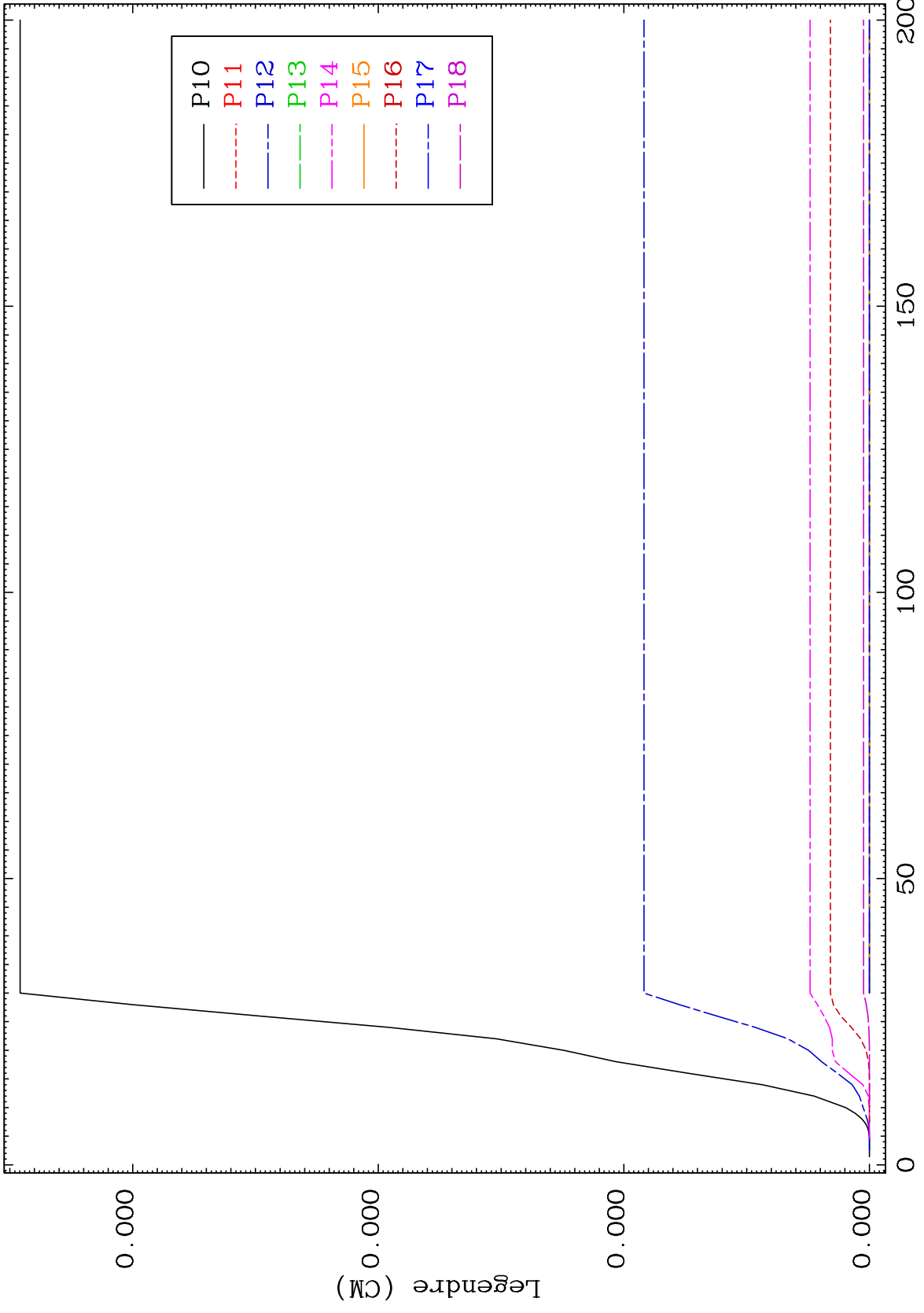


34 41-Nb-104

MAT 4158

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

41-Nb-104



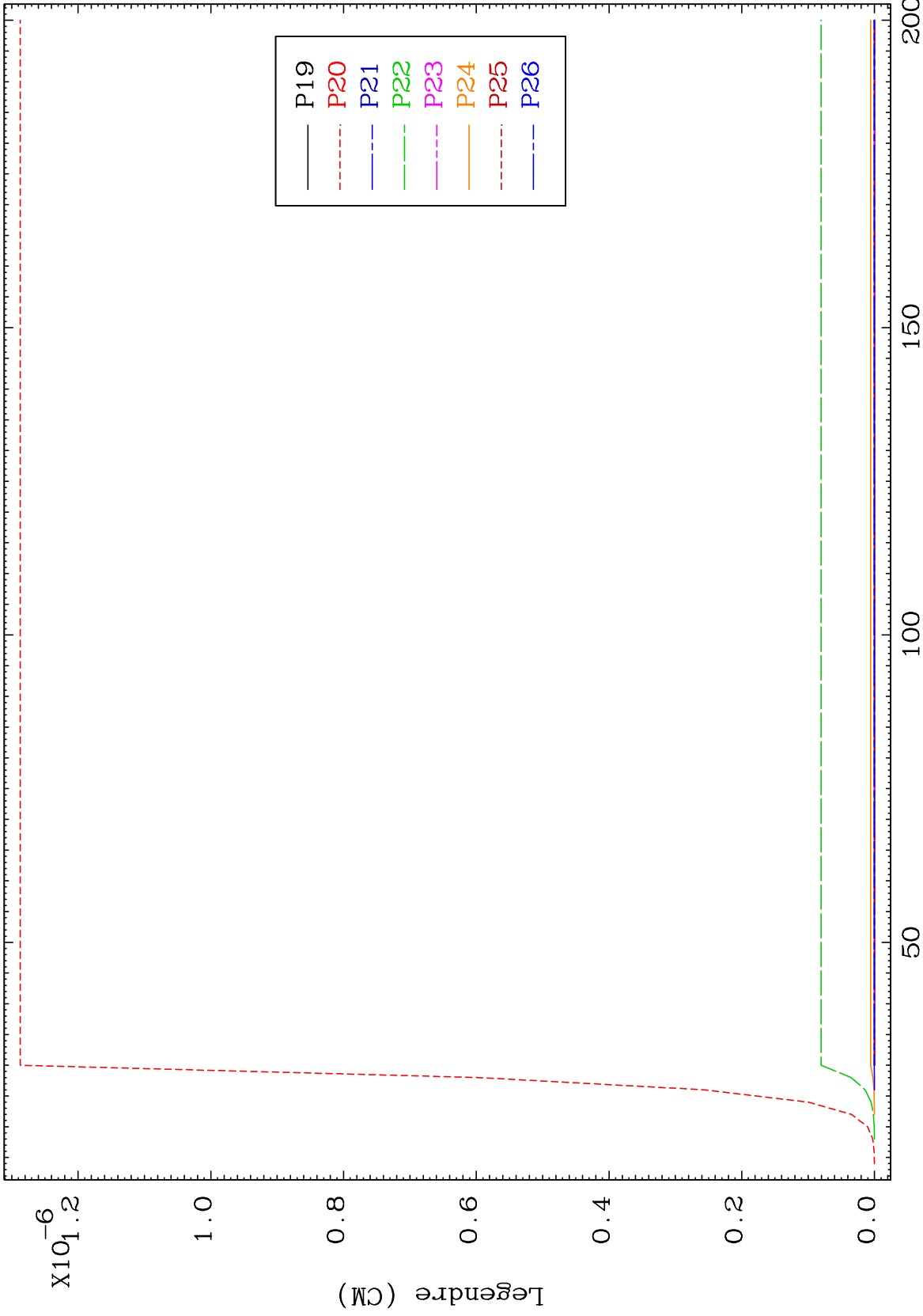
35

41-Nb-104

MAT 4158

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

41-Nb-104

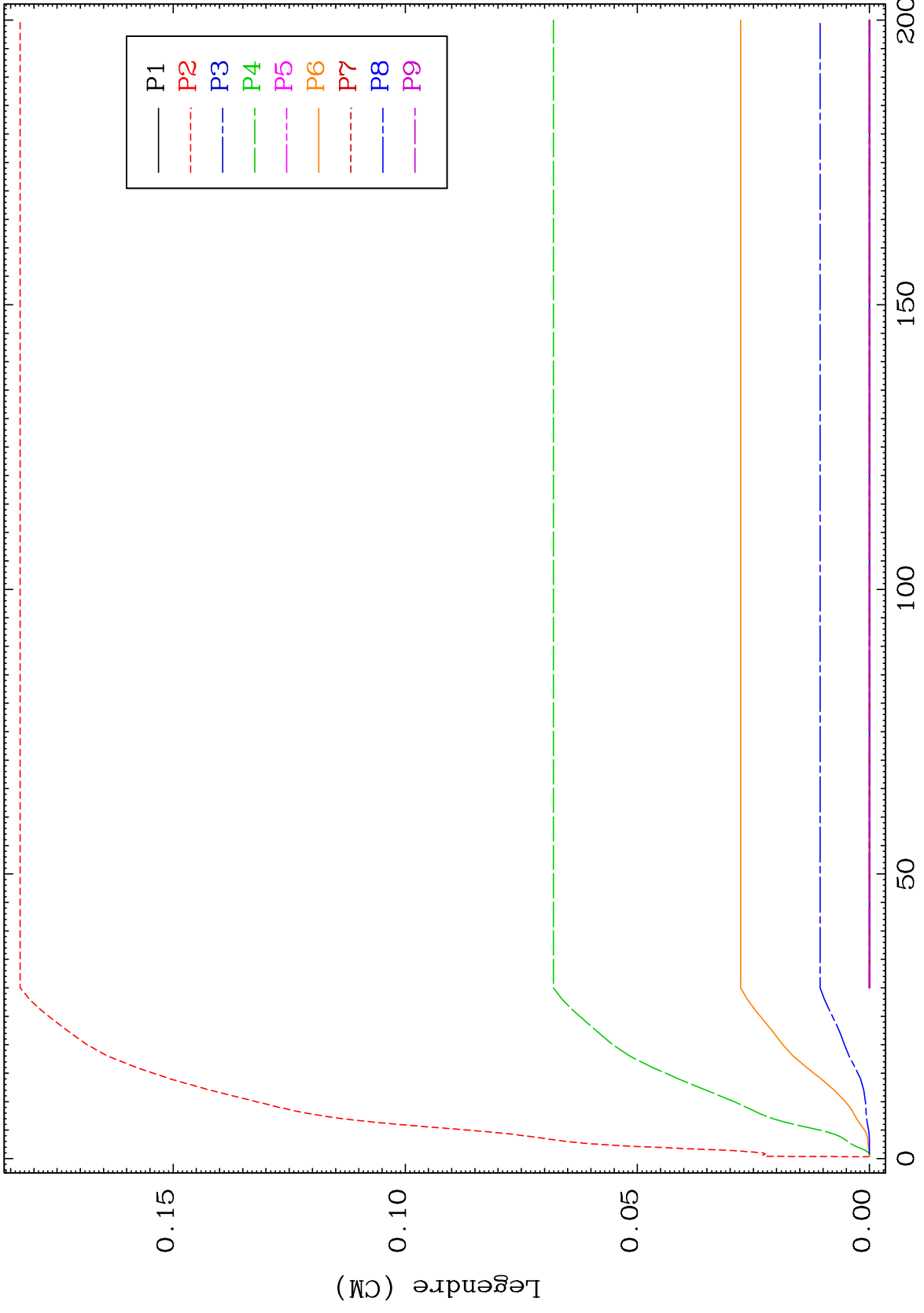


36

Incident Energy (MeV)

41-Nb-104

MAT 4158 MT= 56 (n,n') Level Legendre Coefficients 41-Nb-104

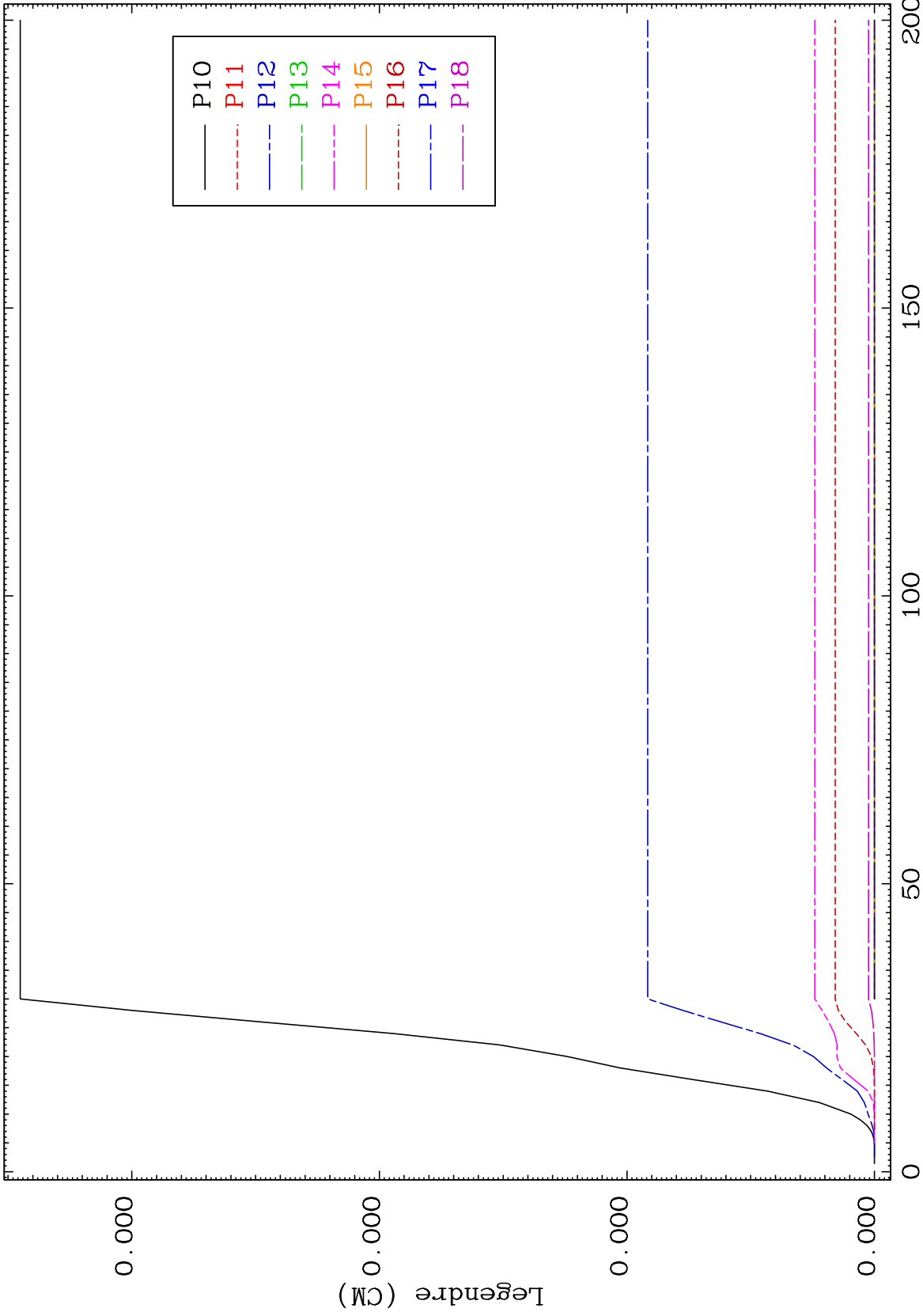


37 Incident Energy (MeV) 41-Nb-104

MAT 4158

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

41-Nb-104



38

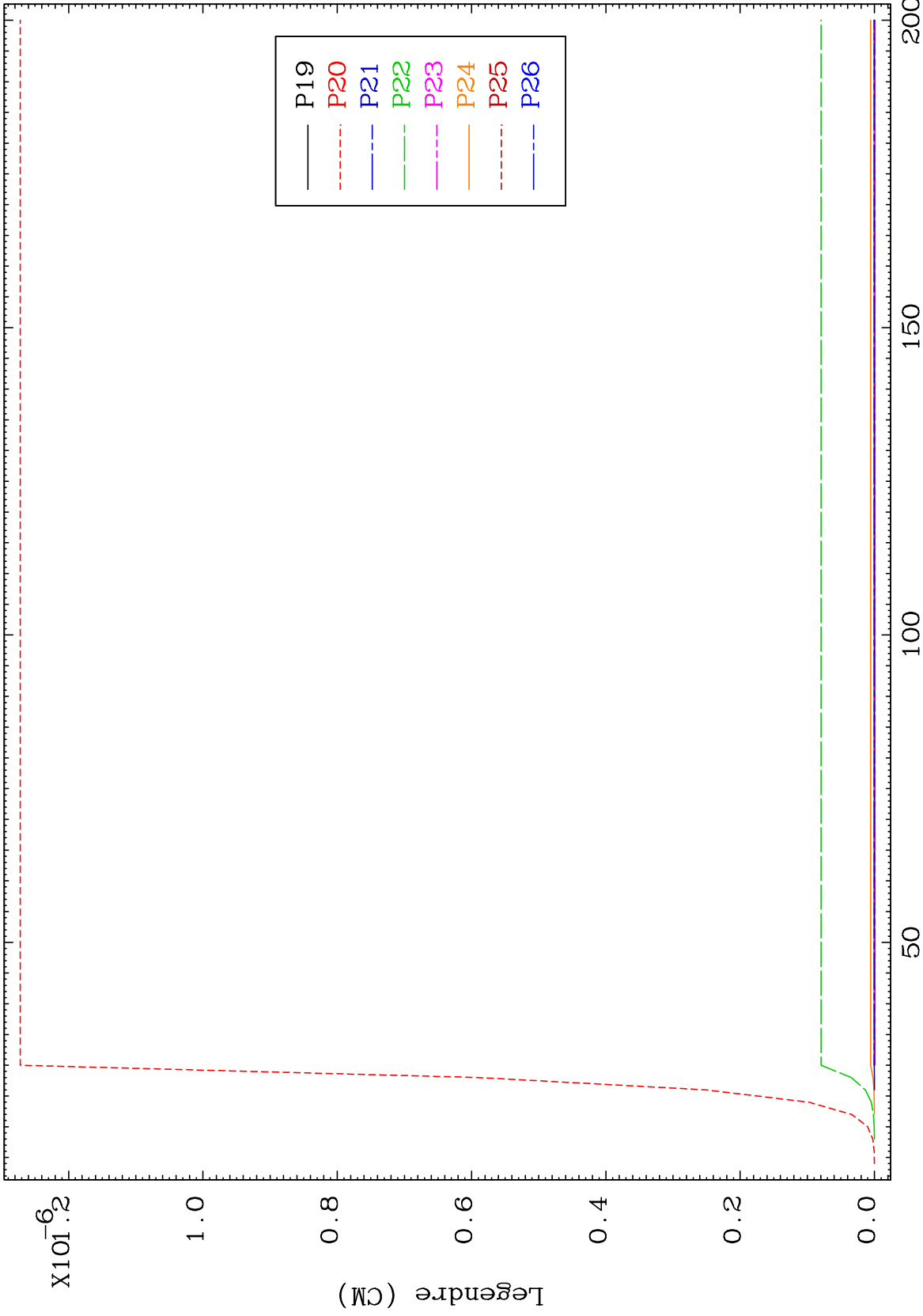
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



39

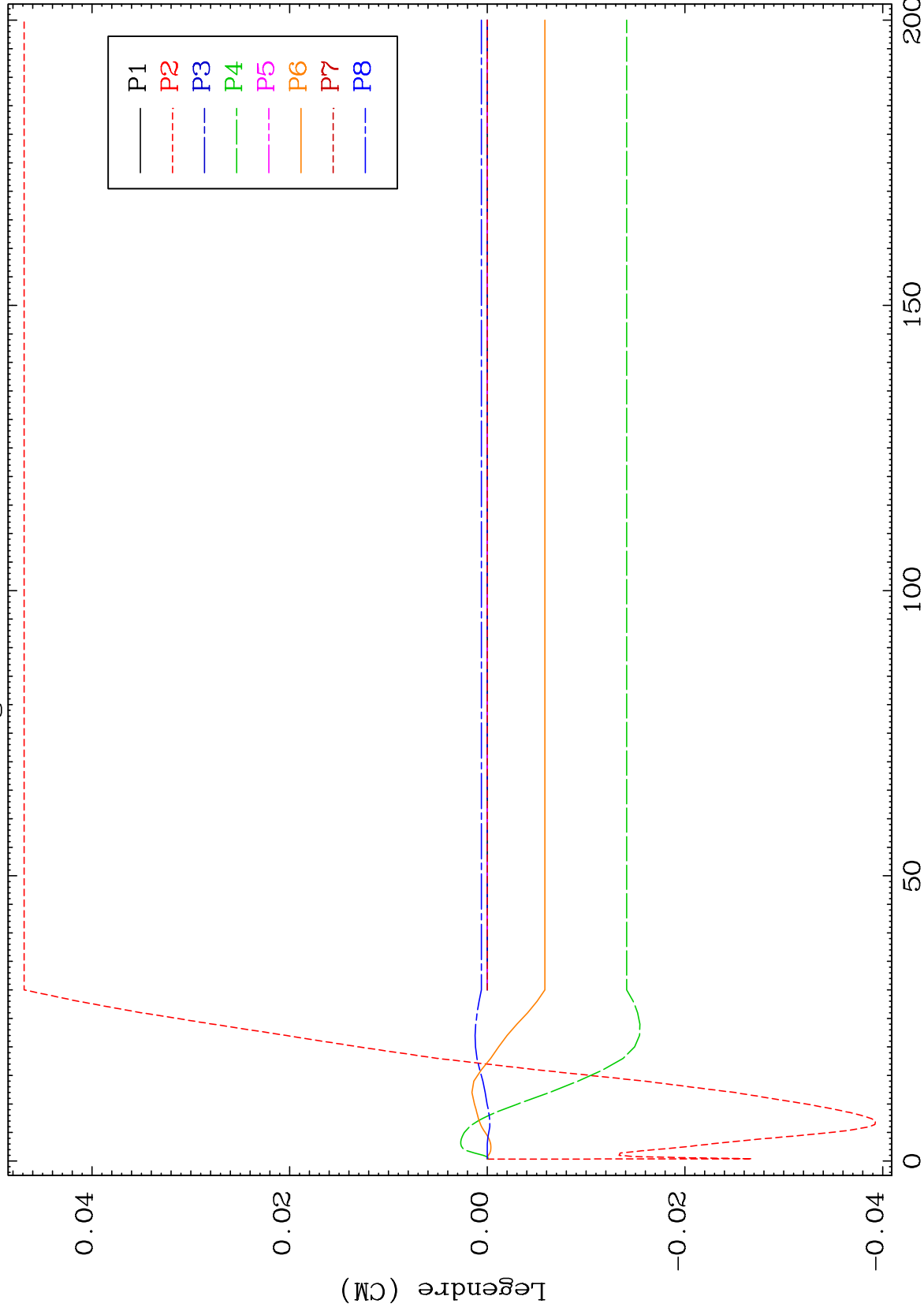
41-Nb-104



MAT 4158

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

41-Nb-104



41-Nb-104

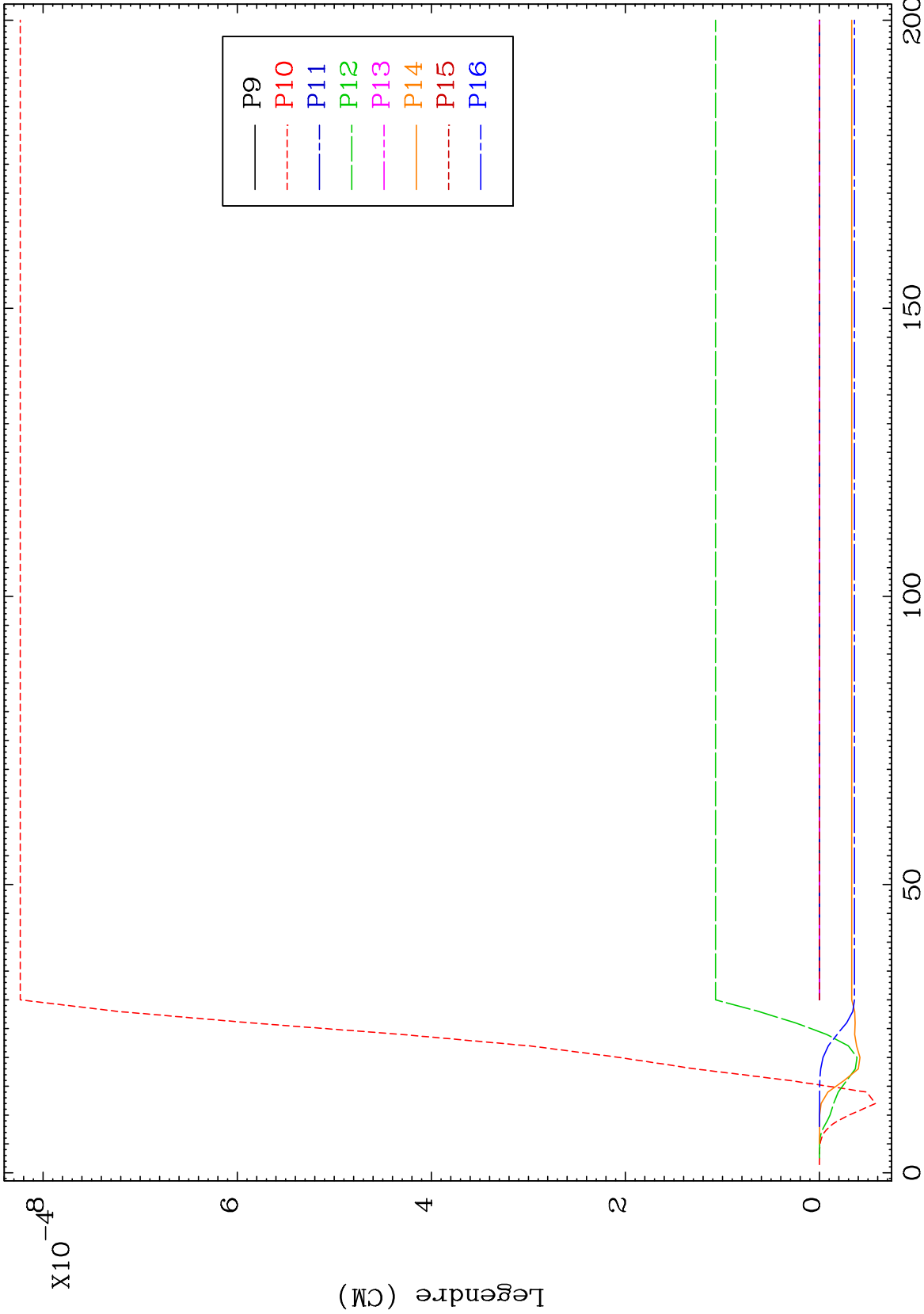
Incident Energy (MeV)

40

MAT 4158

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

41-Nb-104



41

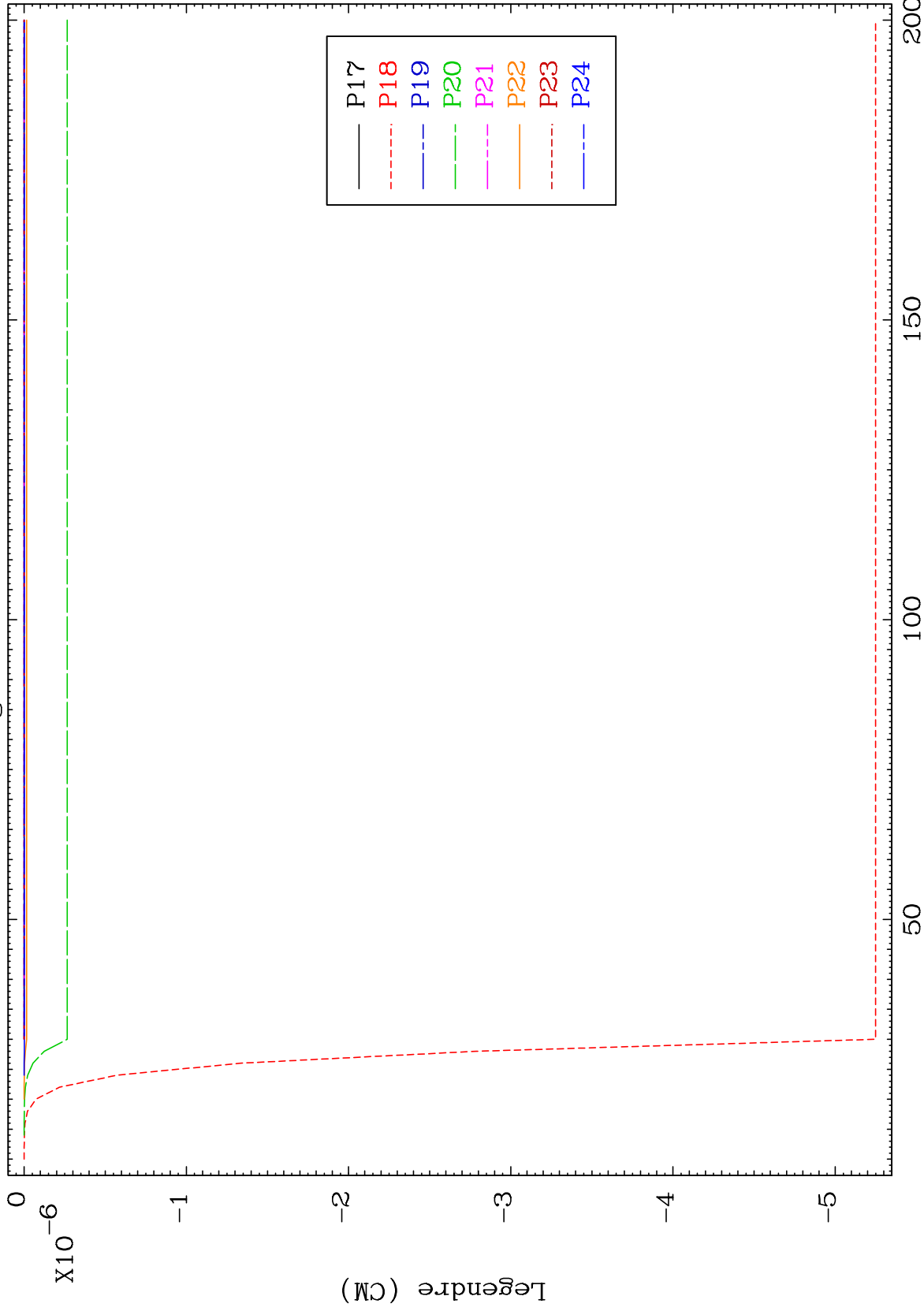
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104

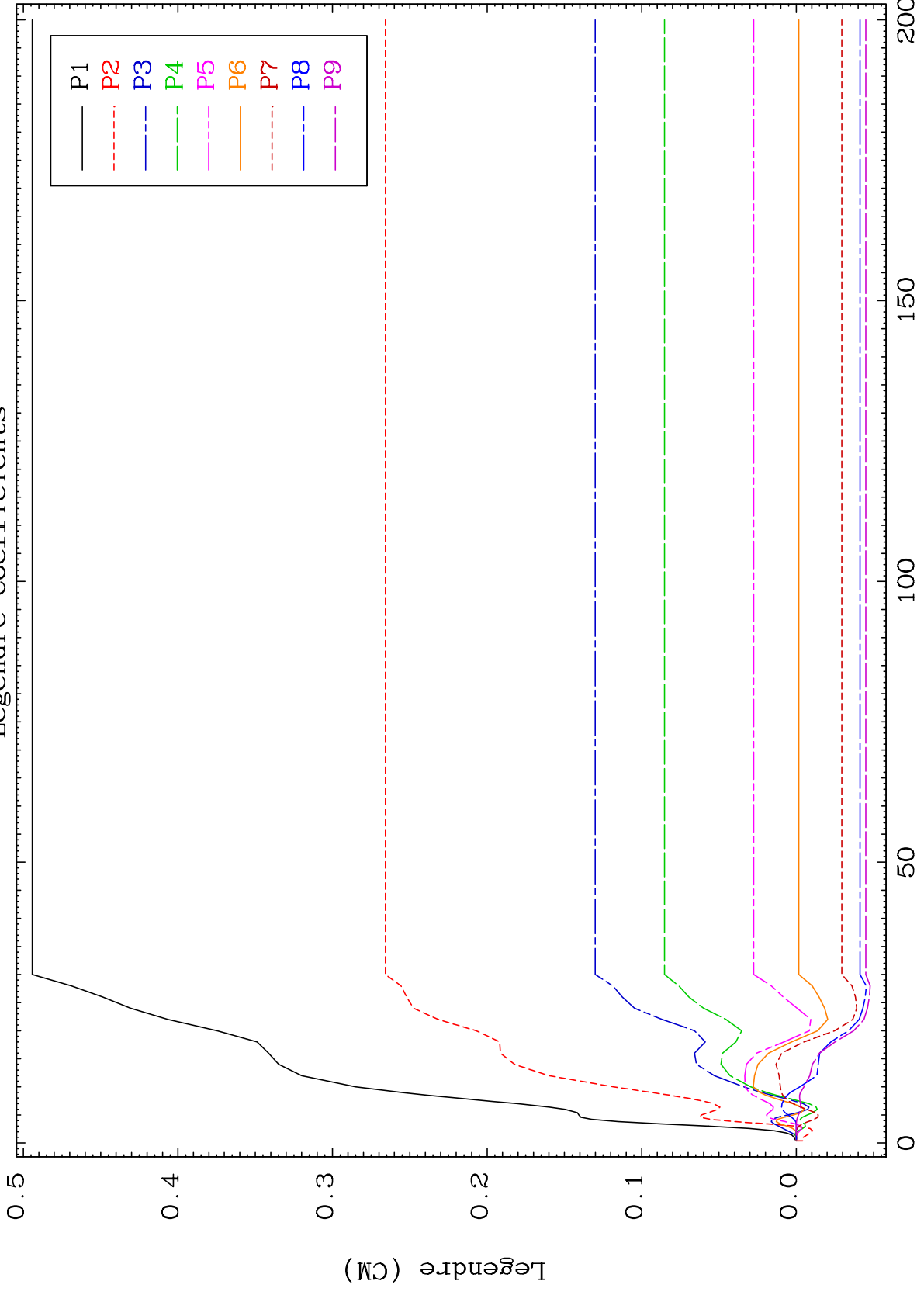


42

Incident Energy (MeV)

41-Nb-104

MAT 4158 MT= 58 (n,n') Level Legendre Coefficients 41-Nb-104

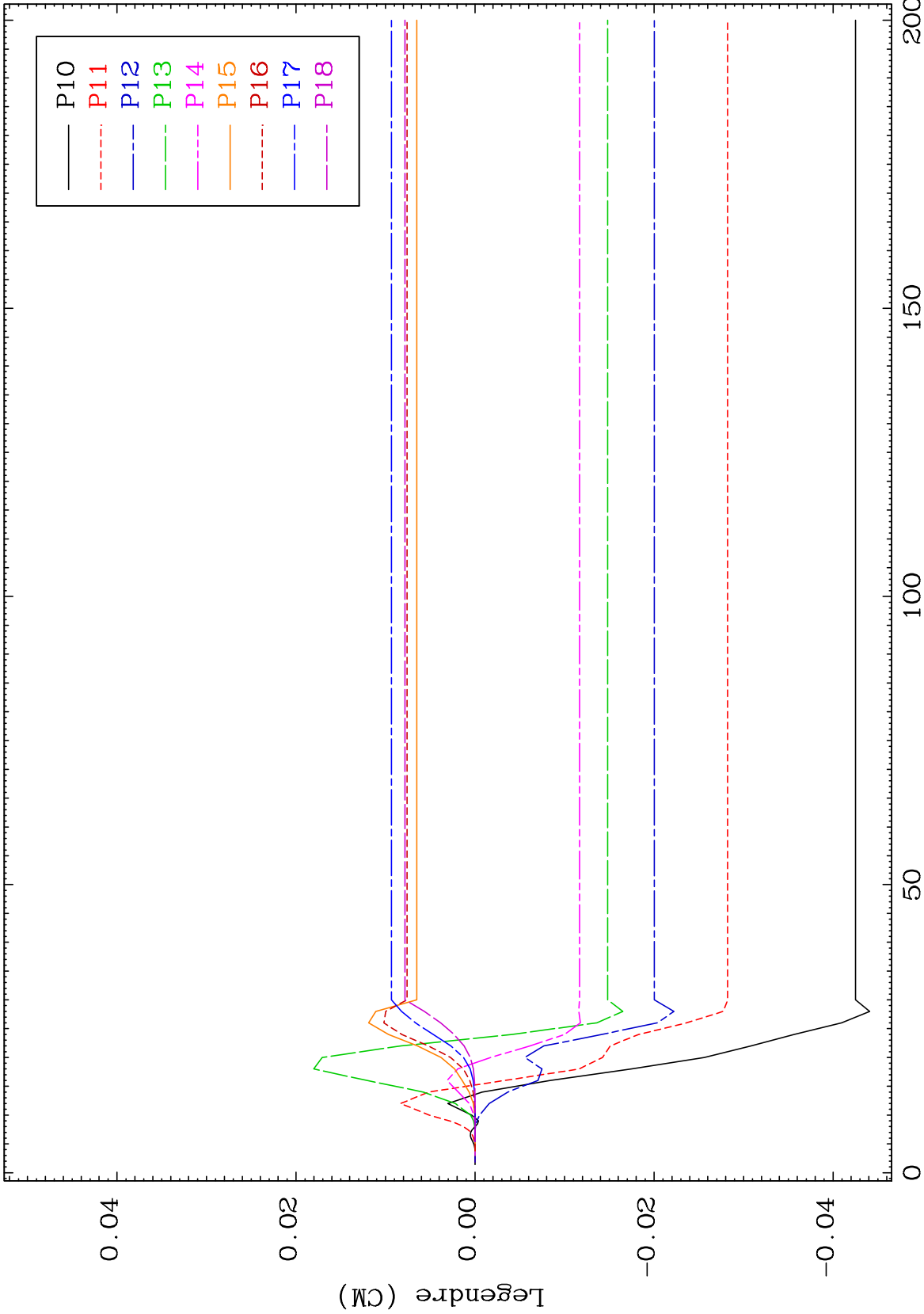


43 41-Nb-104

MAT 4158

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

41-Nb-104



44

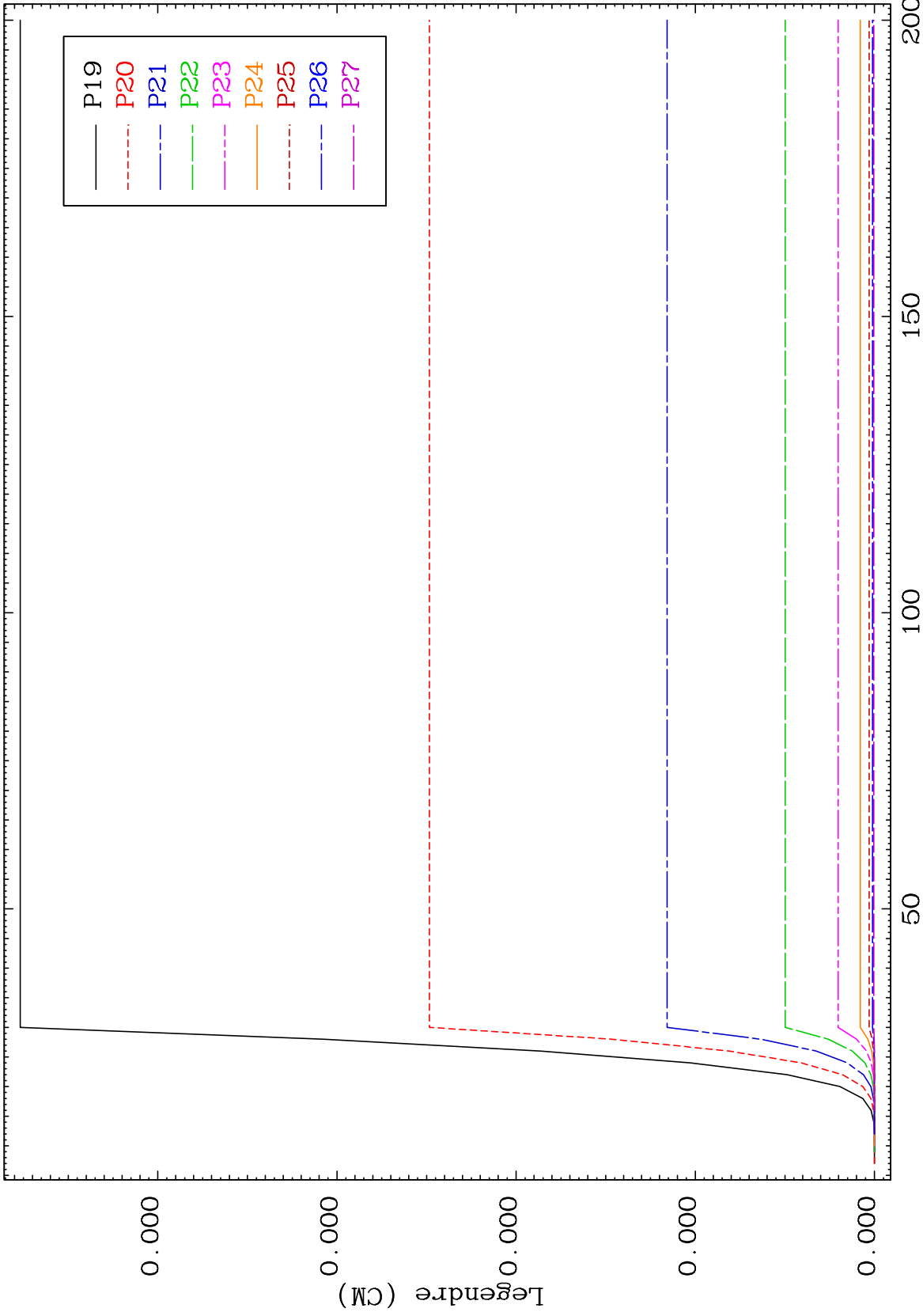
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



45

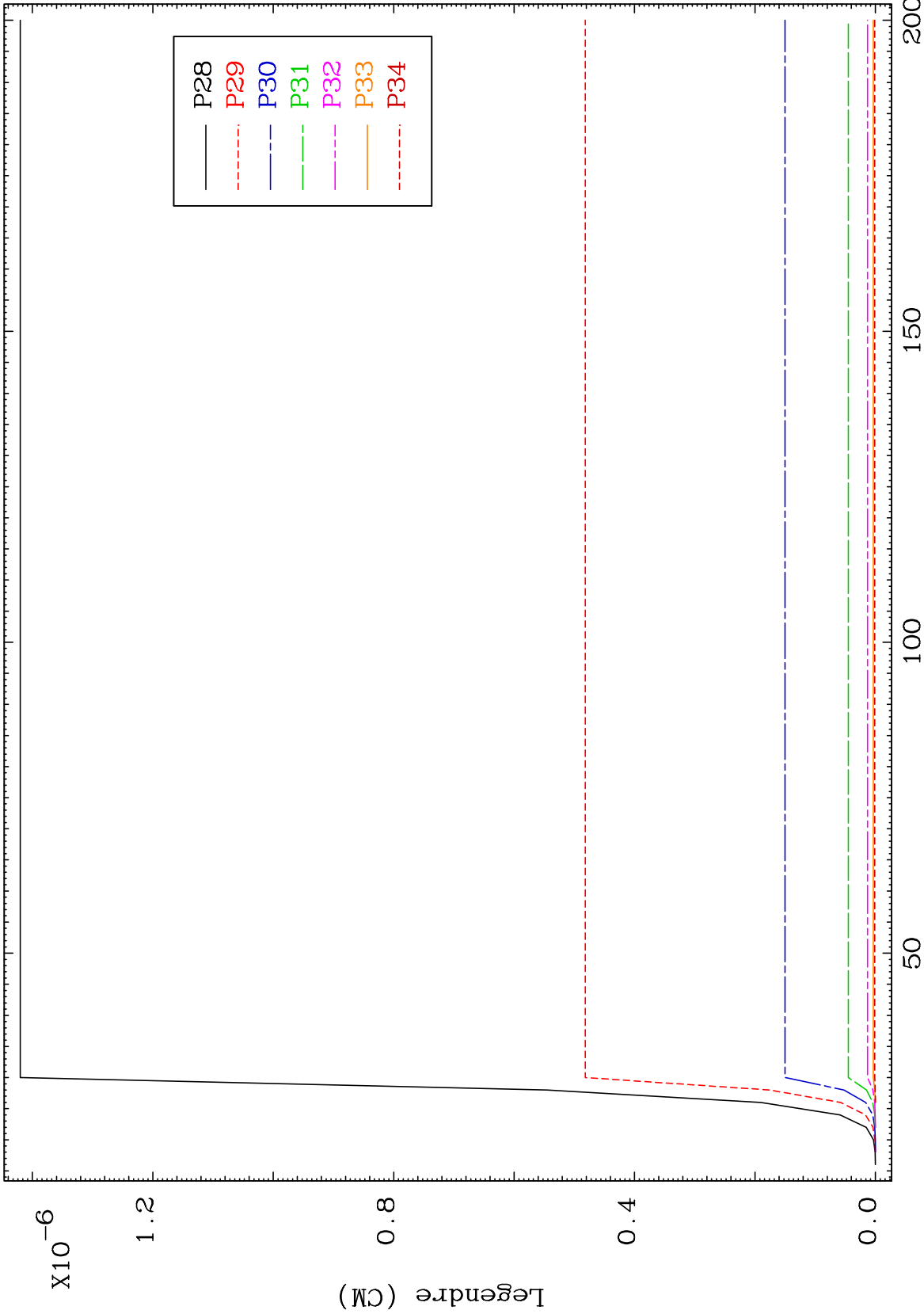
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104

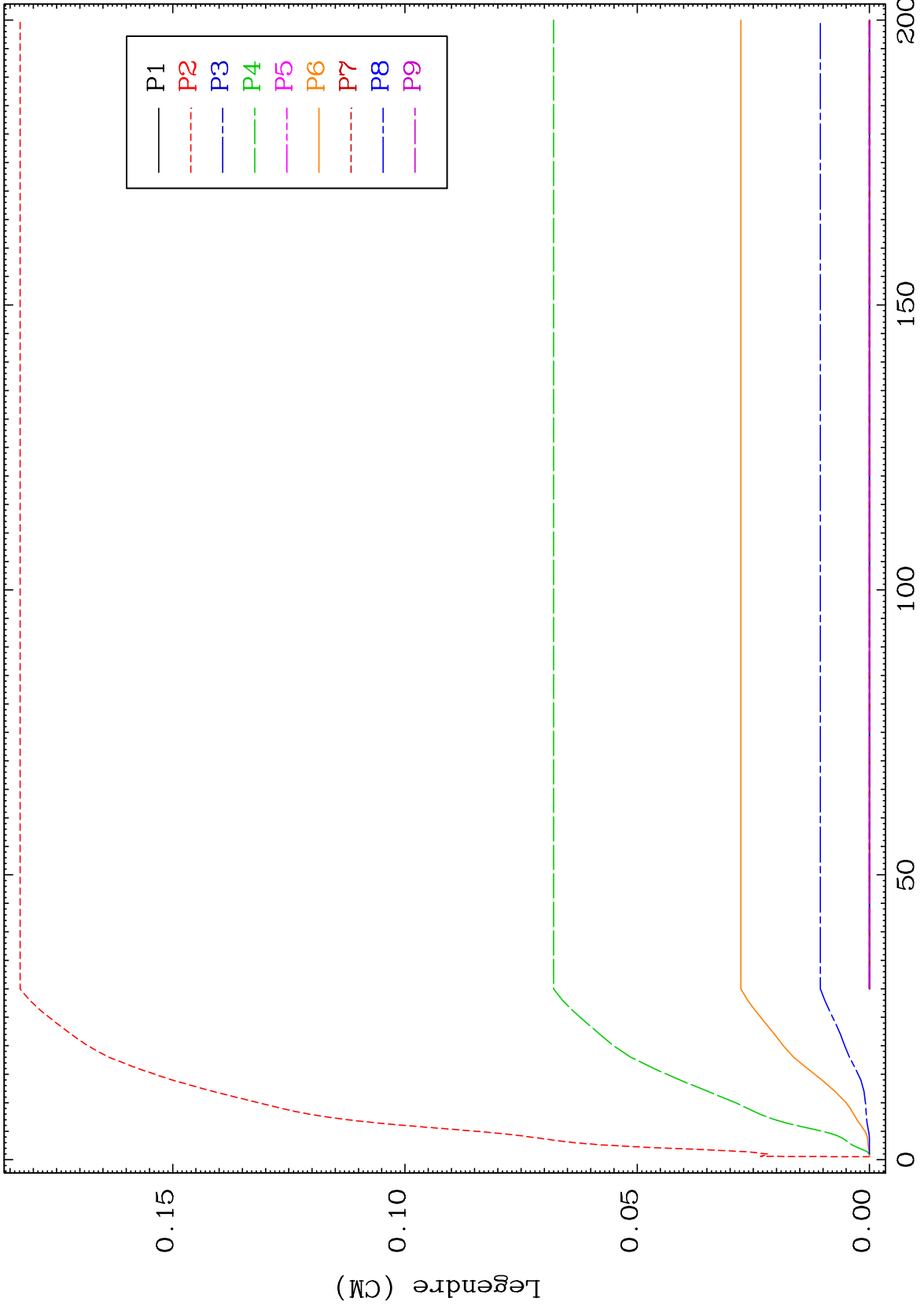


46

Incident Energy (MeV)

41-Nb-104

MAT 4158 MT= 59 (n,n') Level Legendre Coefficients 41-Nb-104



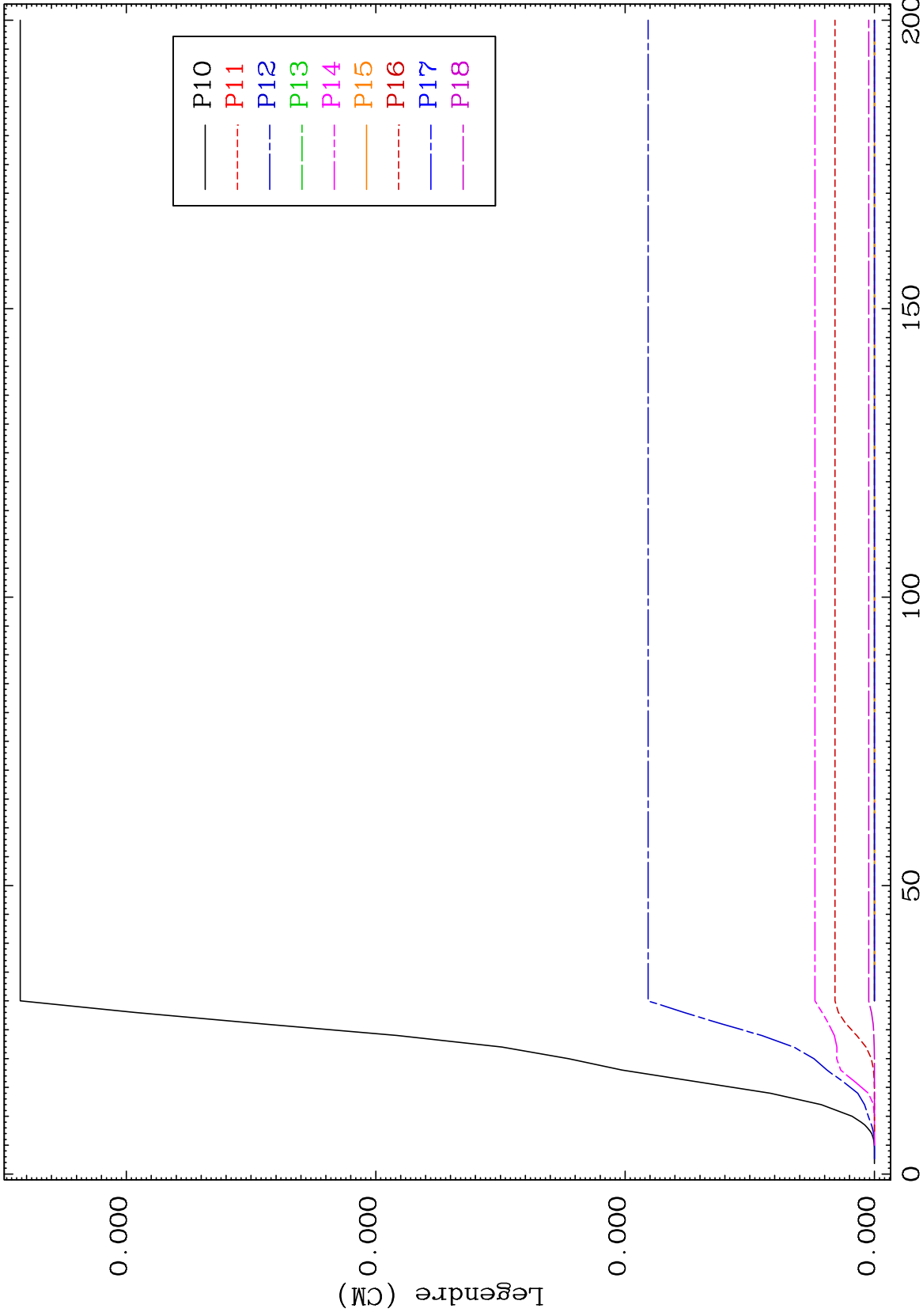
47 41-Nb-104



MAT 4158

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

41-Nb-104



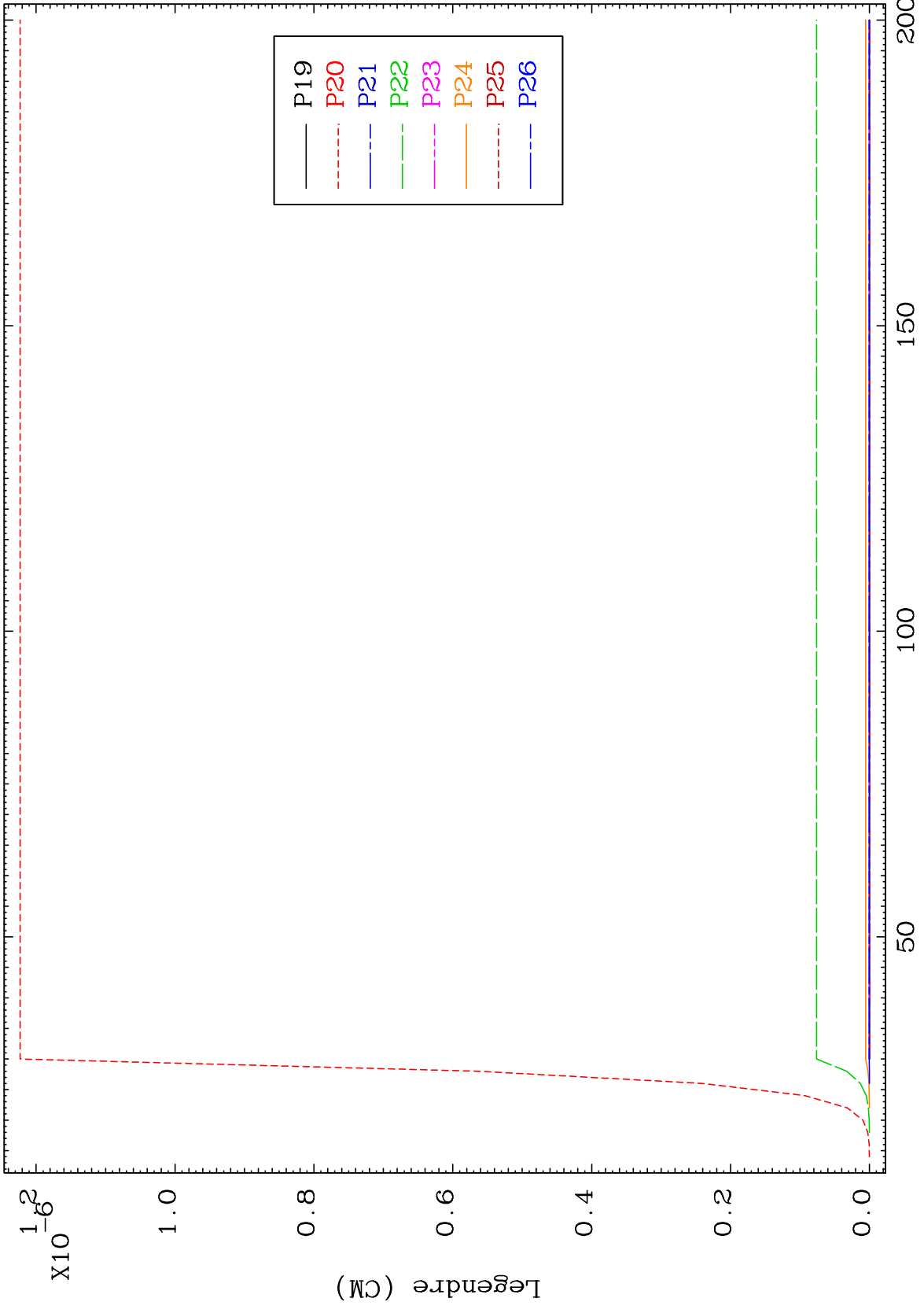
48

41-Nb-104

MAT 4158

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

41-Nb-104



49

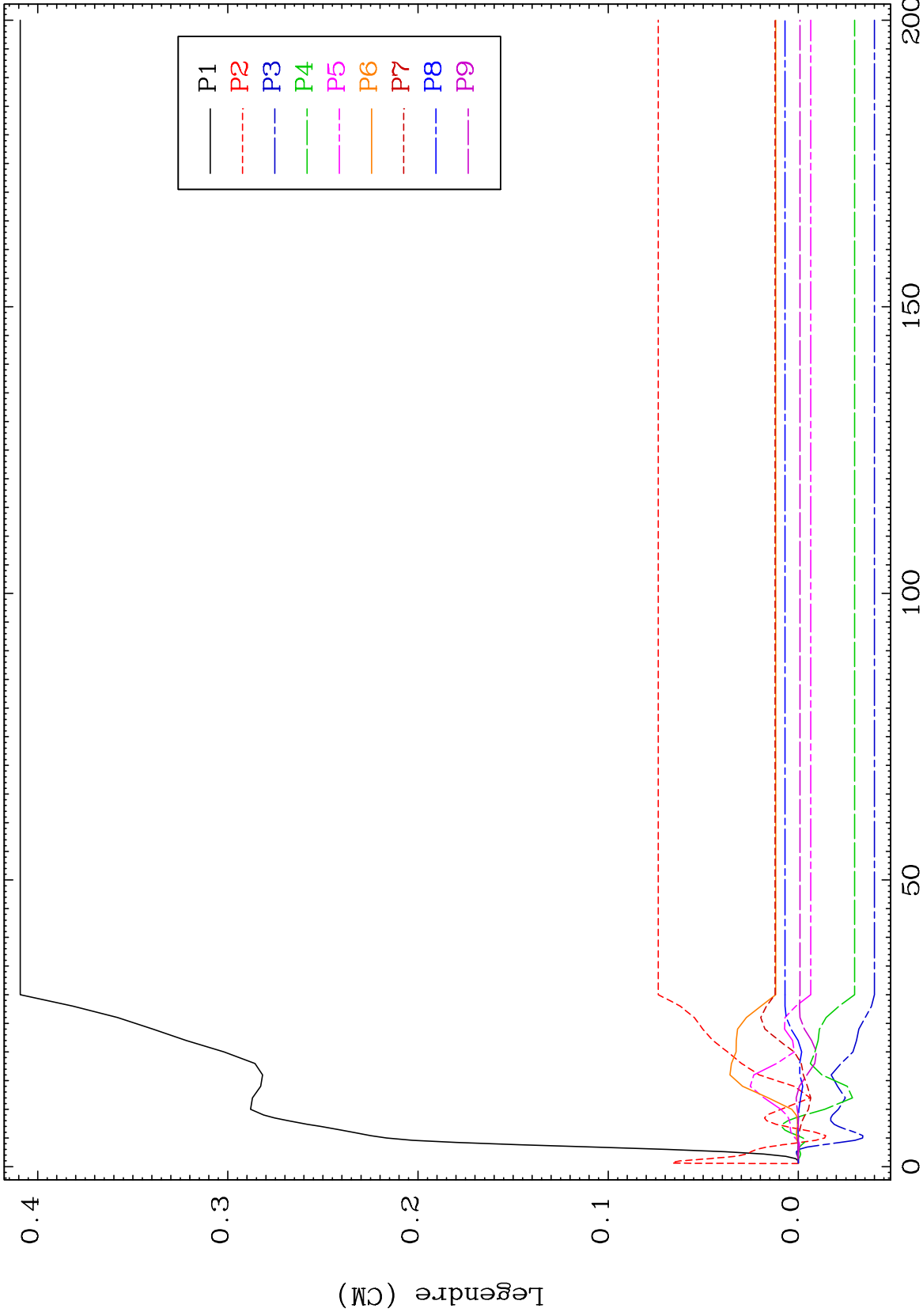
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



41-Nb-104

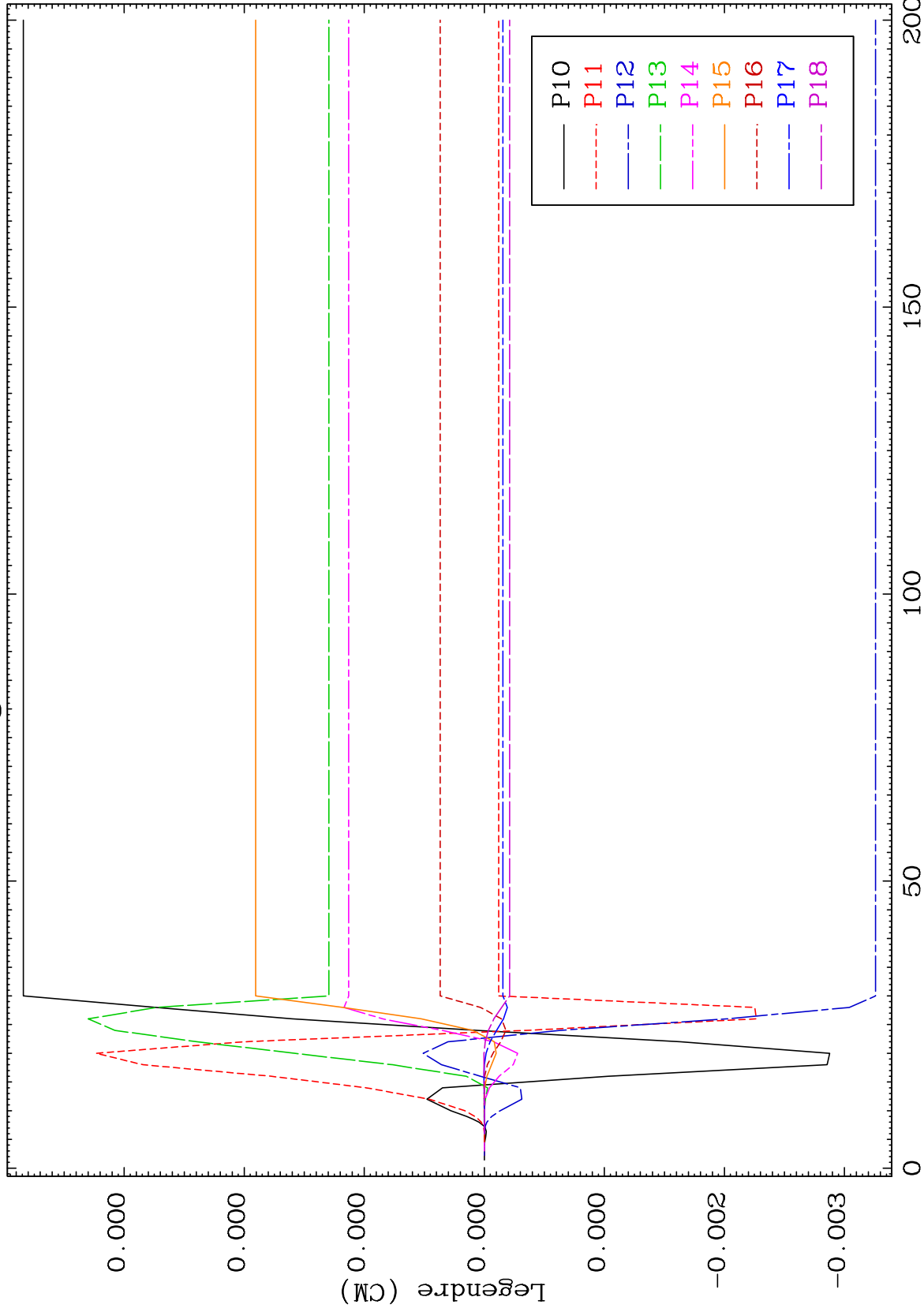
Incident Energy (MeV)

50

MAT 4158

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

41-Nb-104



51

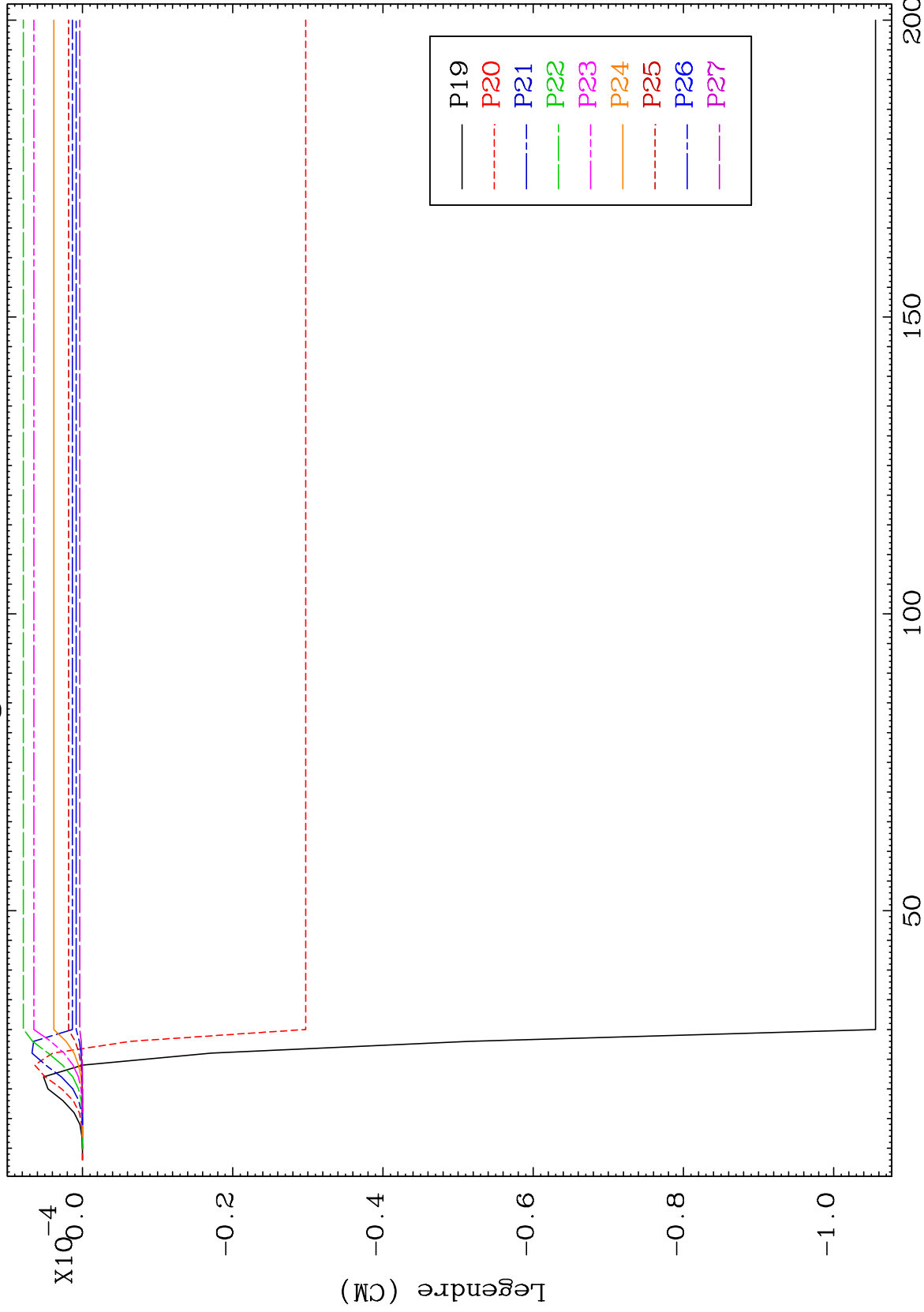
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



41-Nb-104

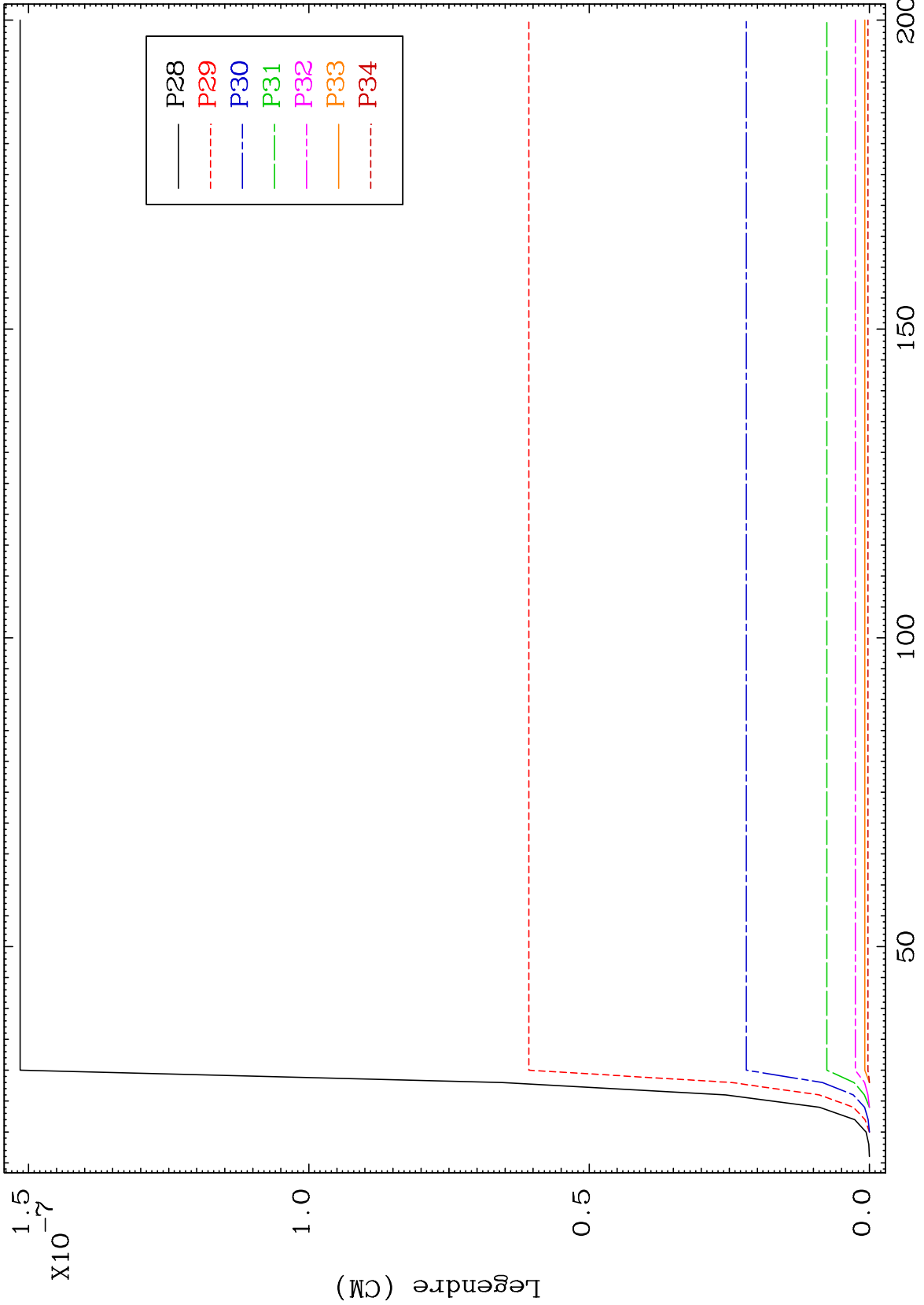
Incident Energy (MeV)

52

MAT 4158

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

41-Nb-104



53

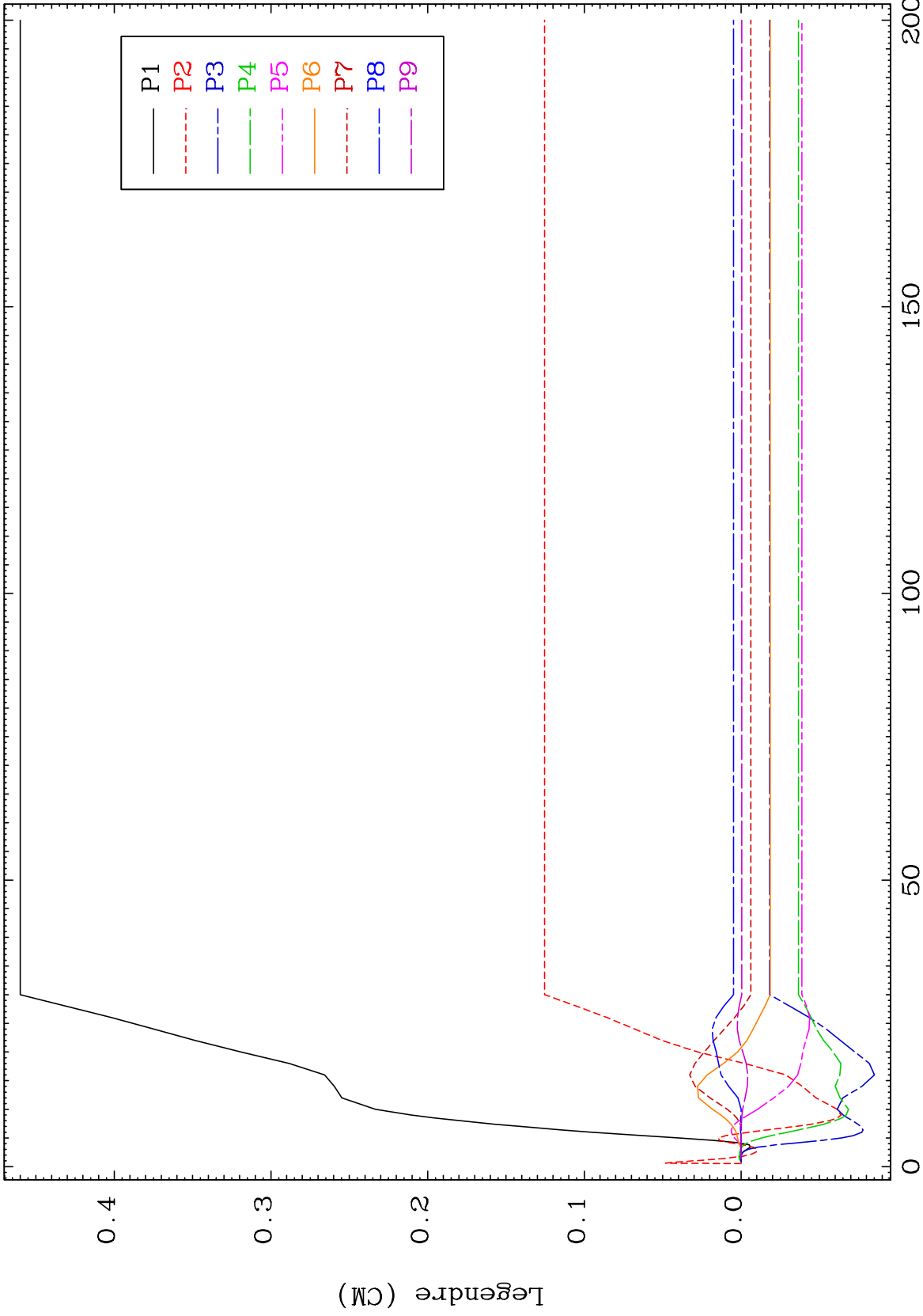
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

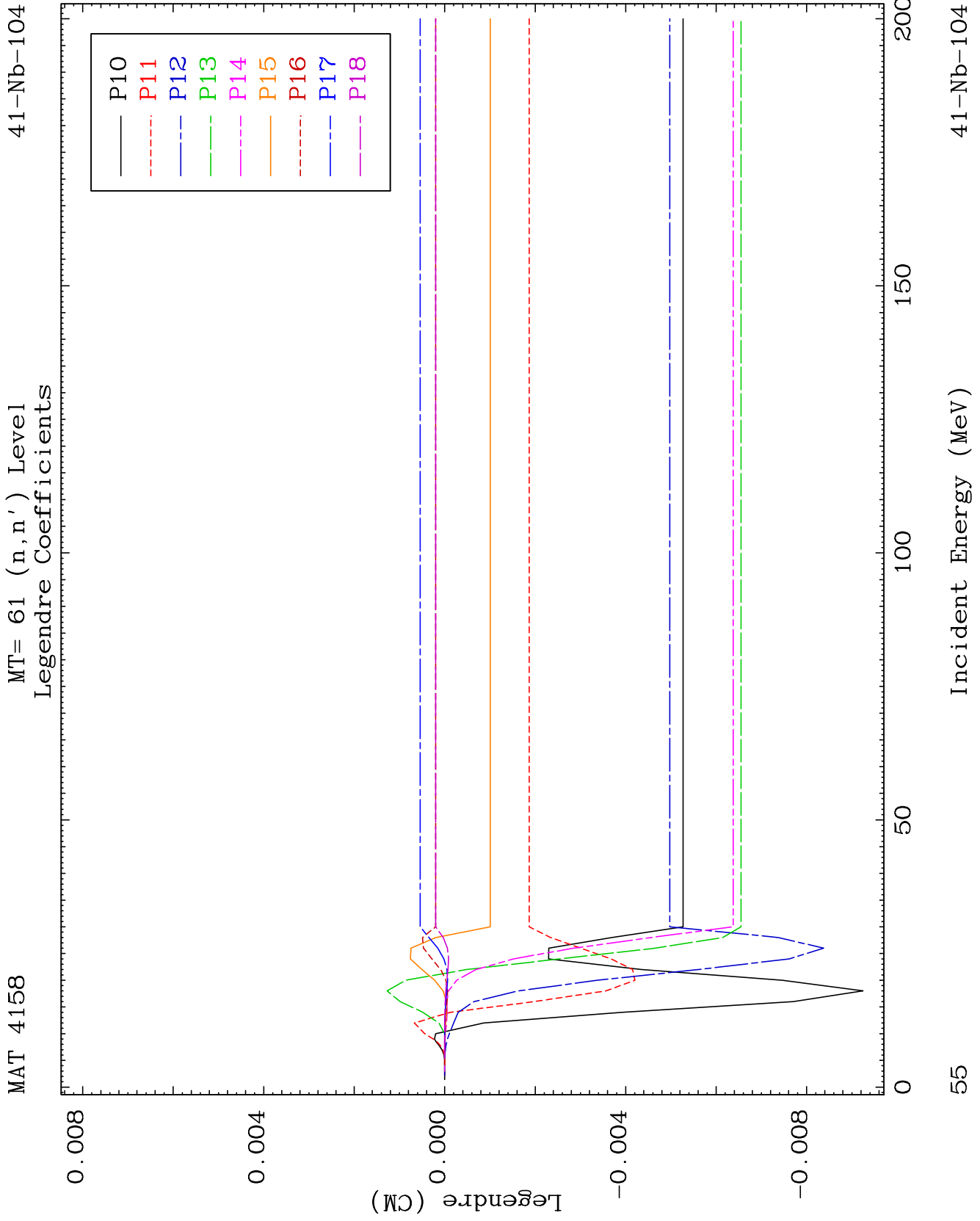
41-Nb-104



54

Incident Energy (MeV)

41-Nb-104

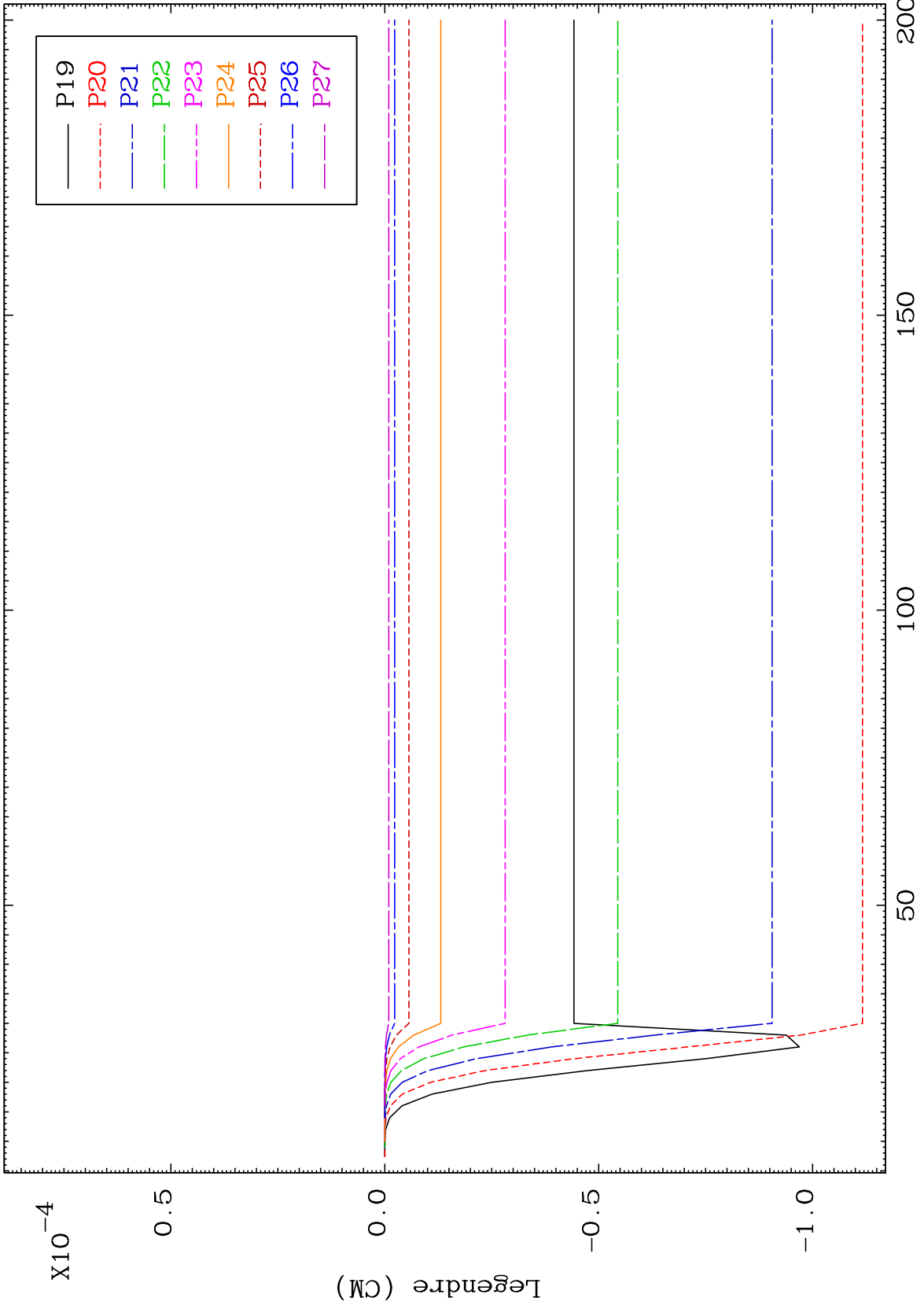




MAT 4158

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

41-Nb-104



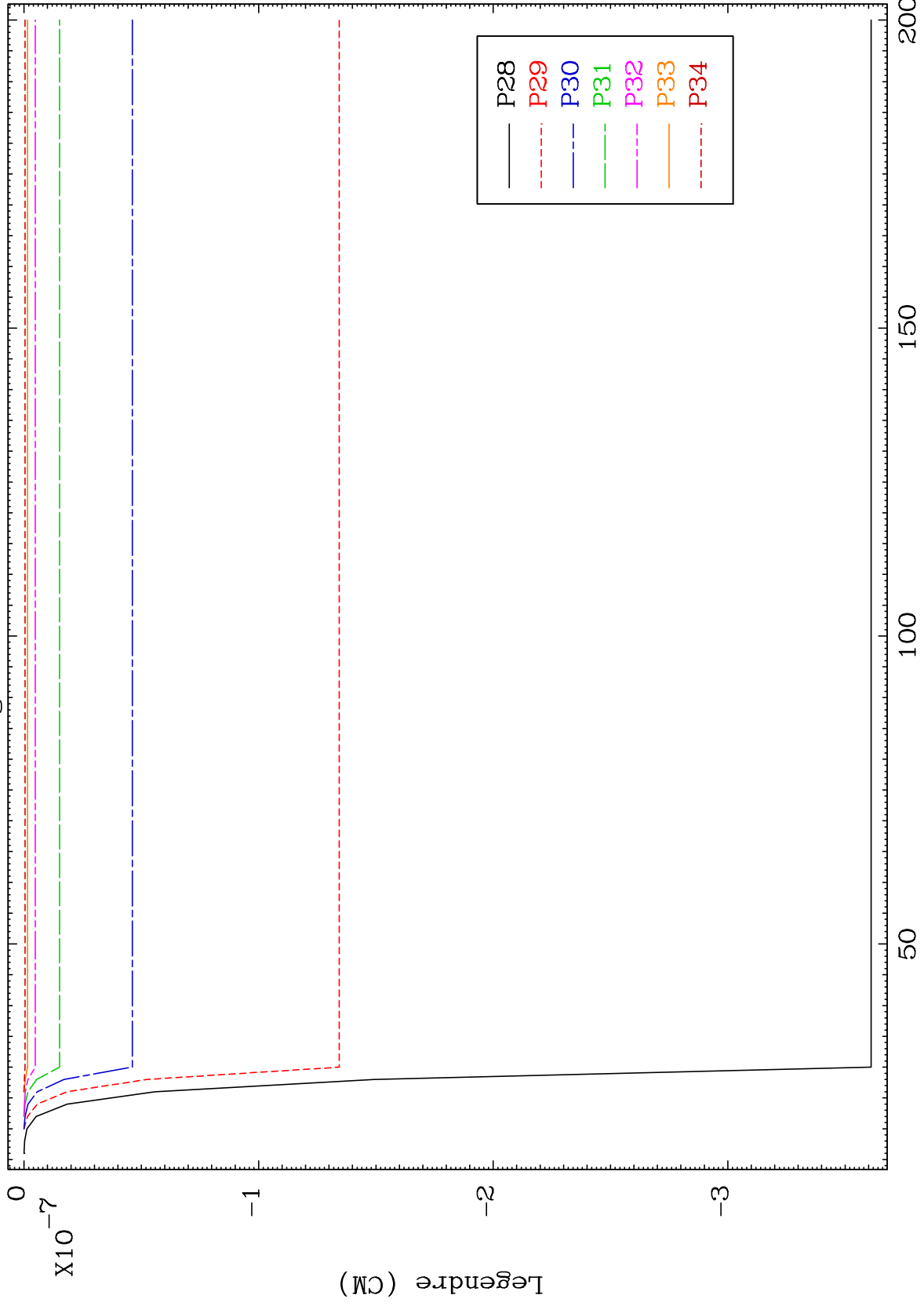
56

41-Nb-104

MAT 4158

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

41-Nb-104

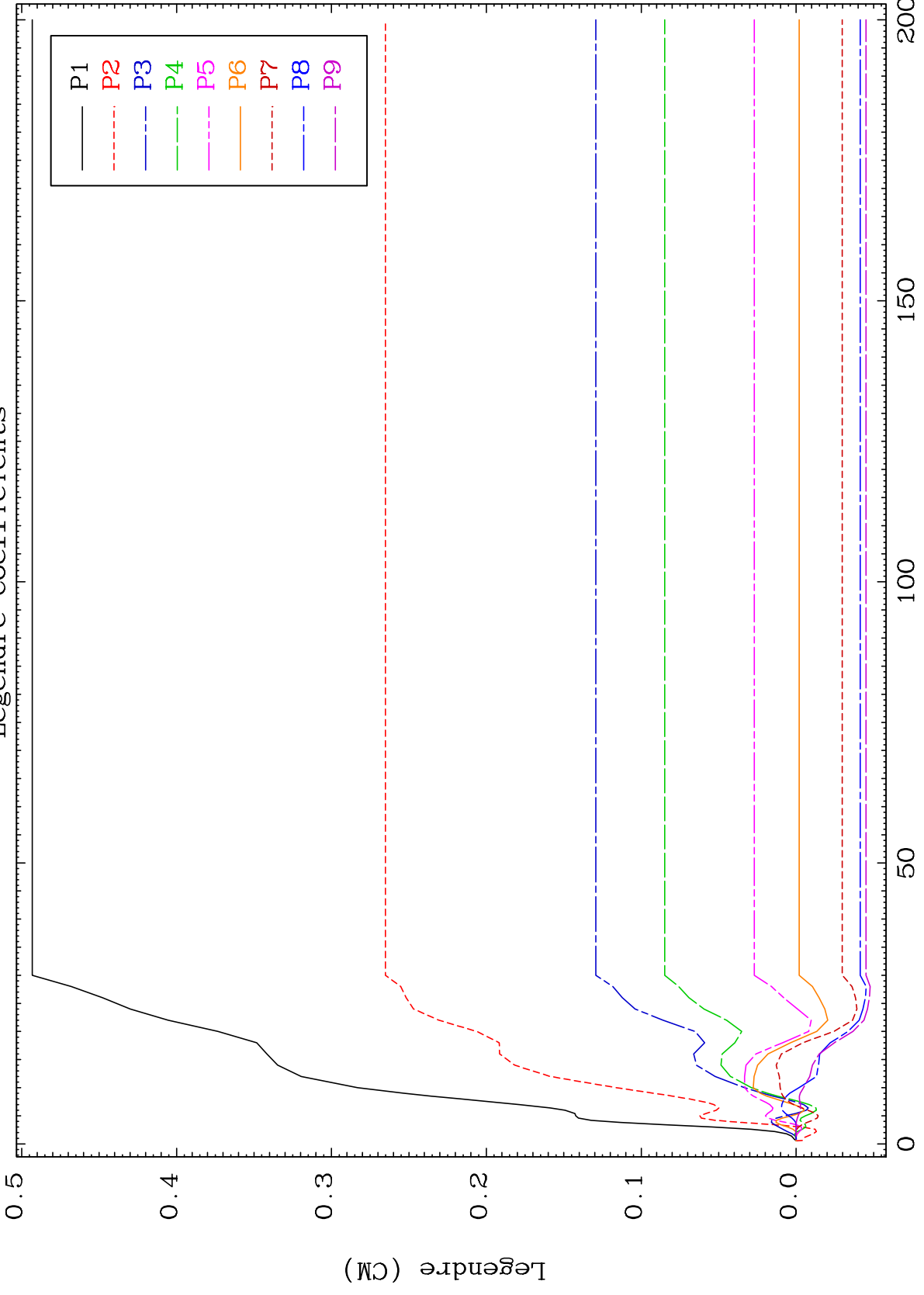


41-Nb-104

Incident Energy (MeV)

57

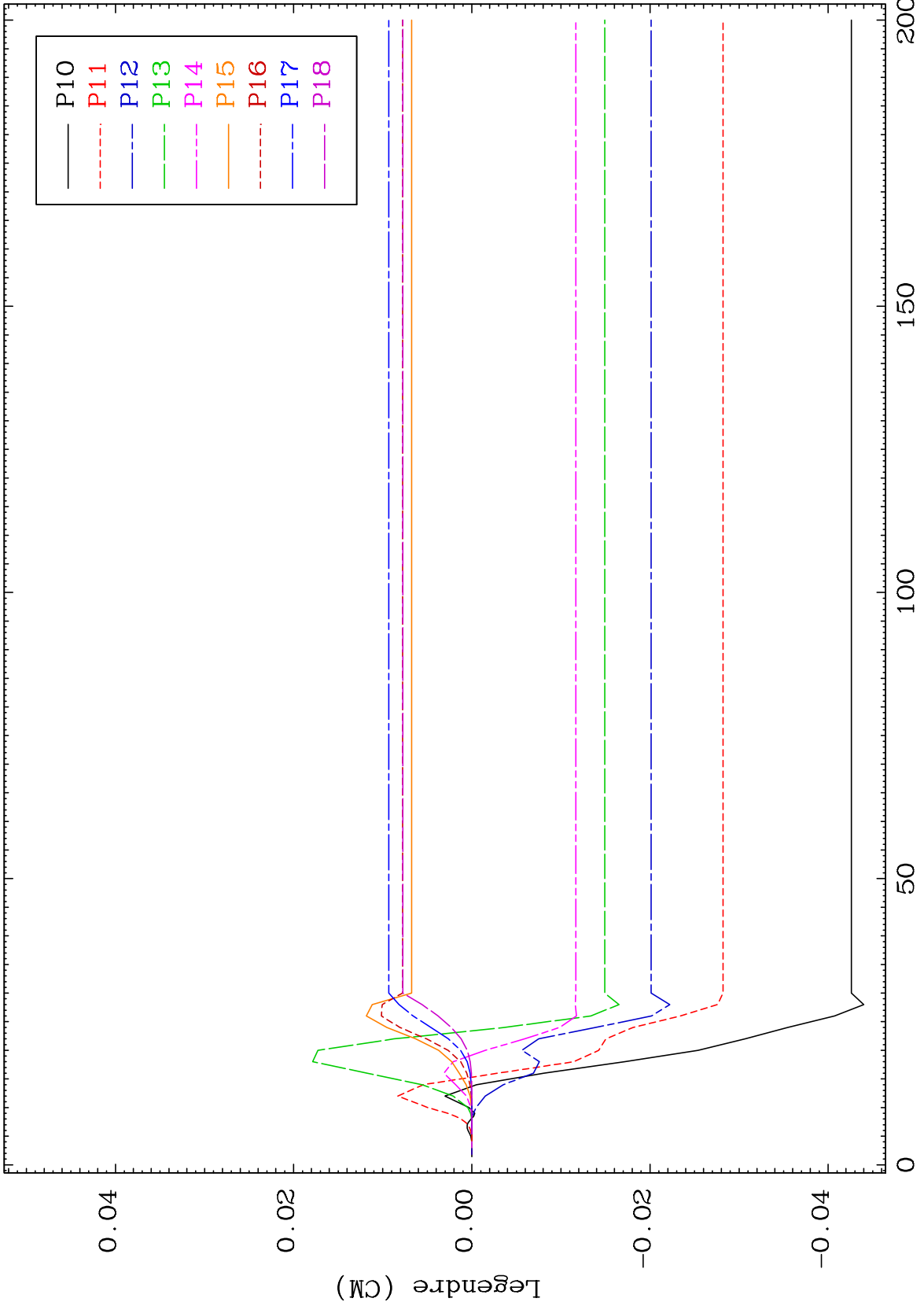
MAT 4158 MT= 62 (n,n') Level Legendre Coefficients 41-Nb-104



MAT 4158

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

41-Nb-104



59

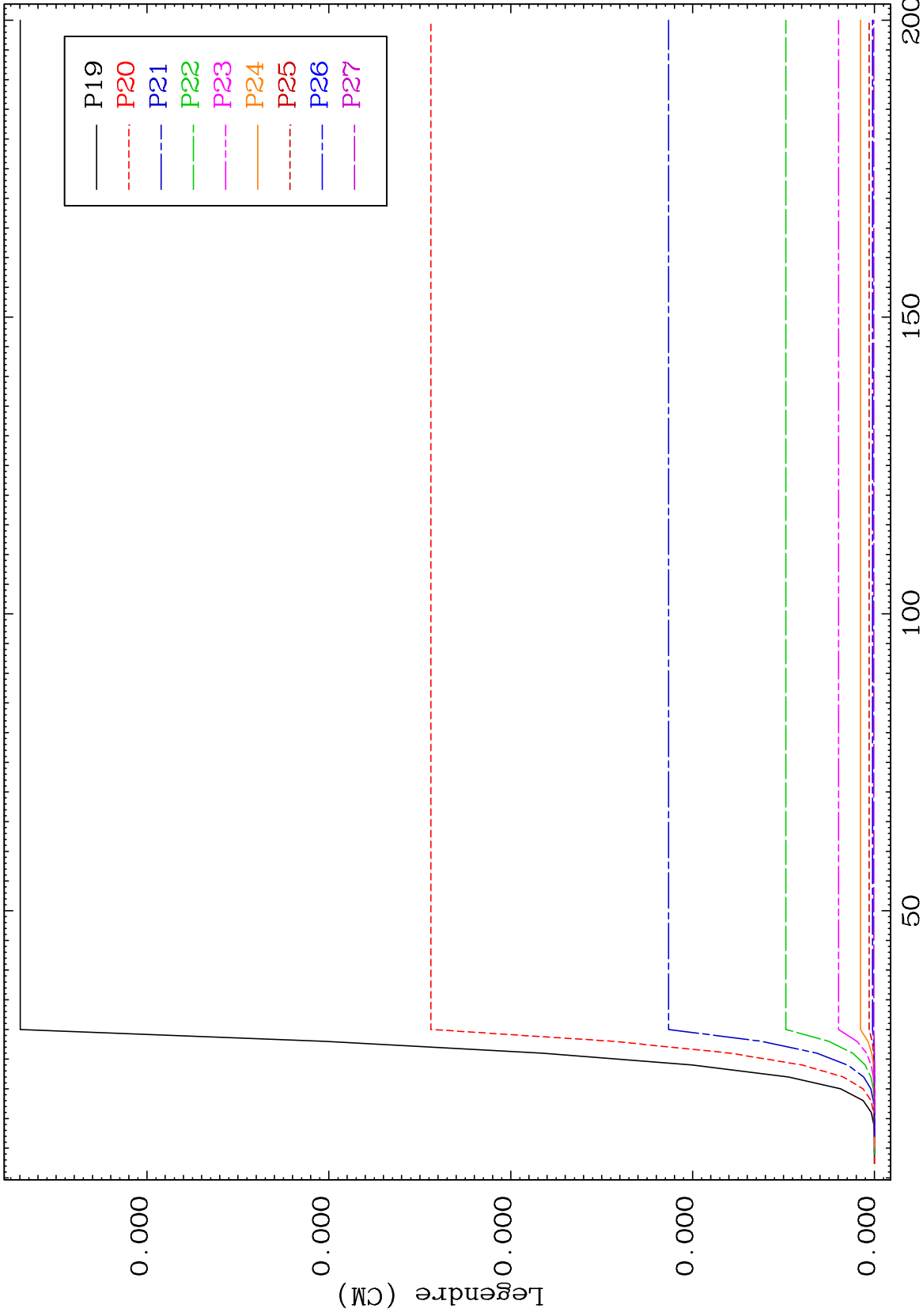
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



60

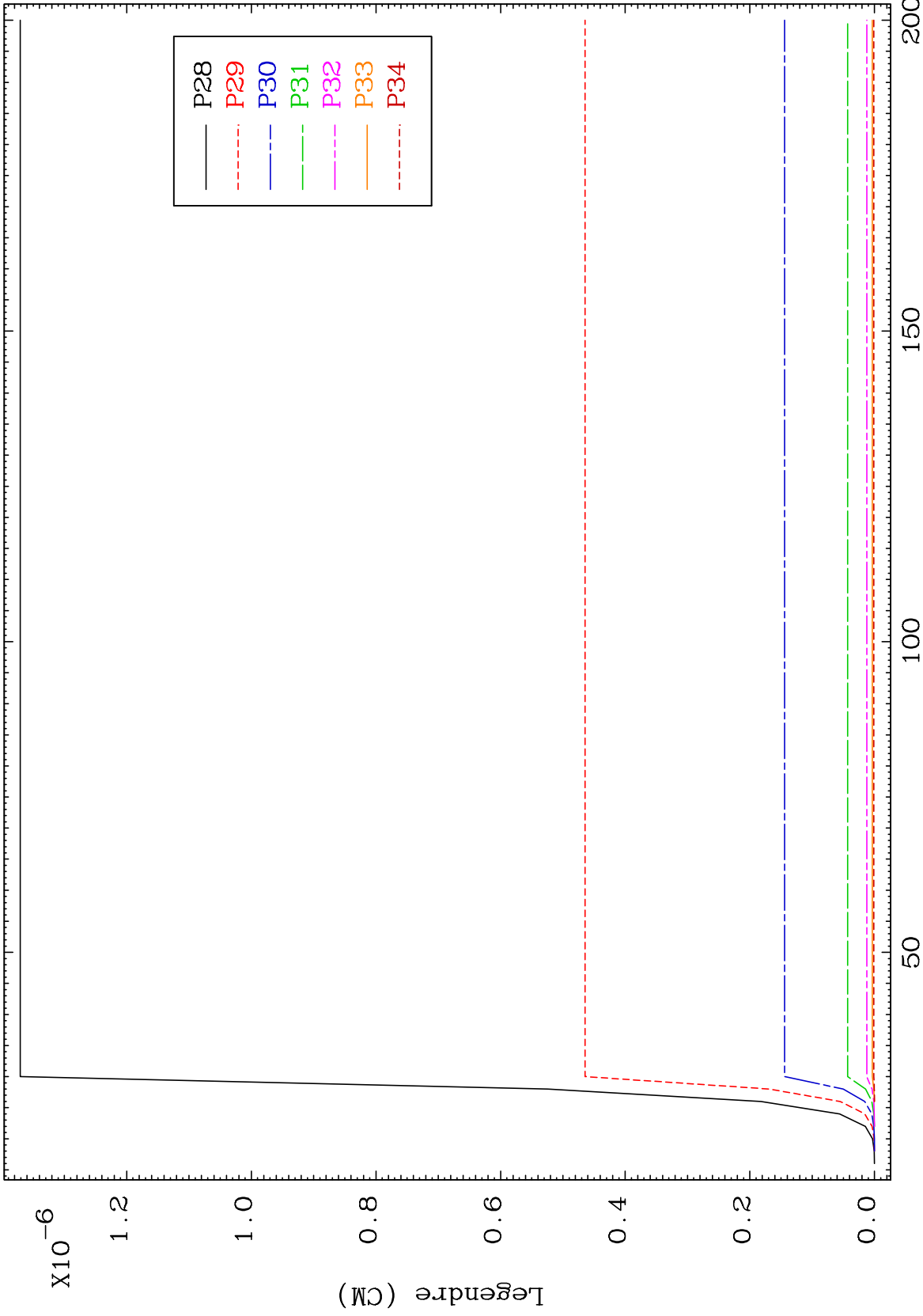
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



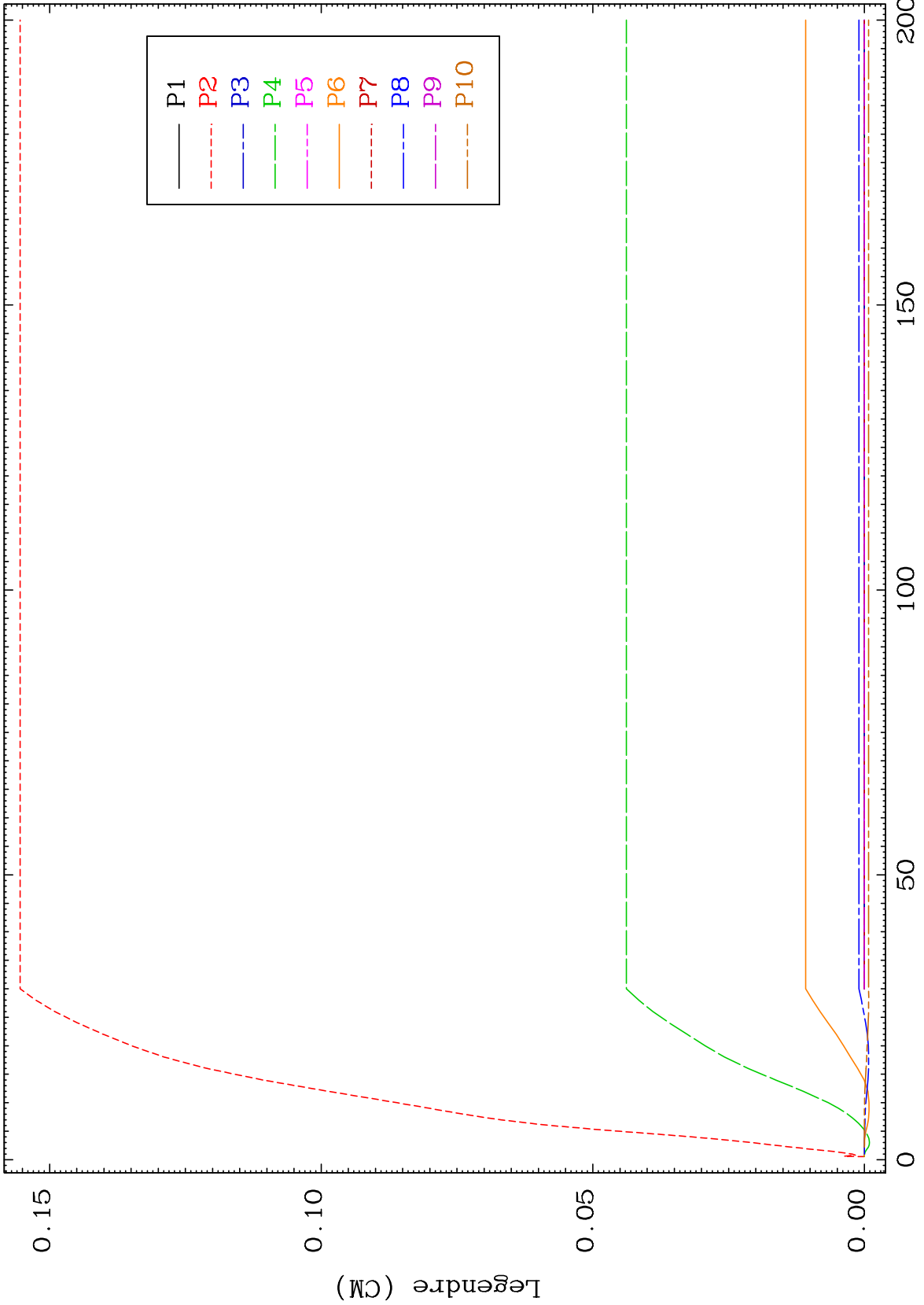
61

41-Nb-104

MAT 4158

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

41-Nb-104



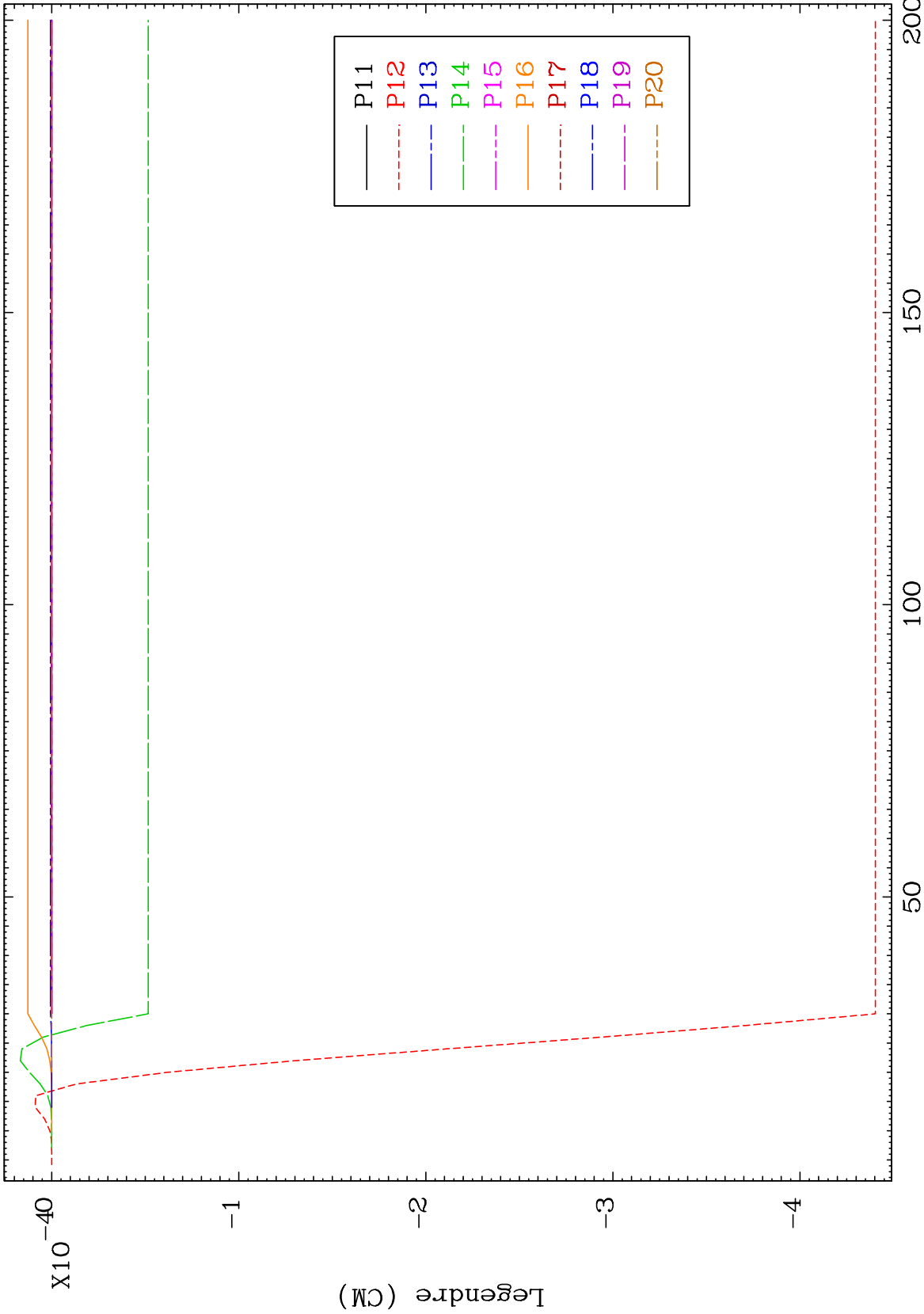
62

41-Nb-104

MAT 4158

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

41-Nb-104

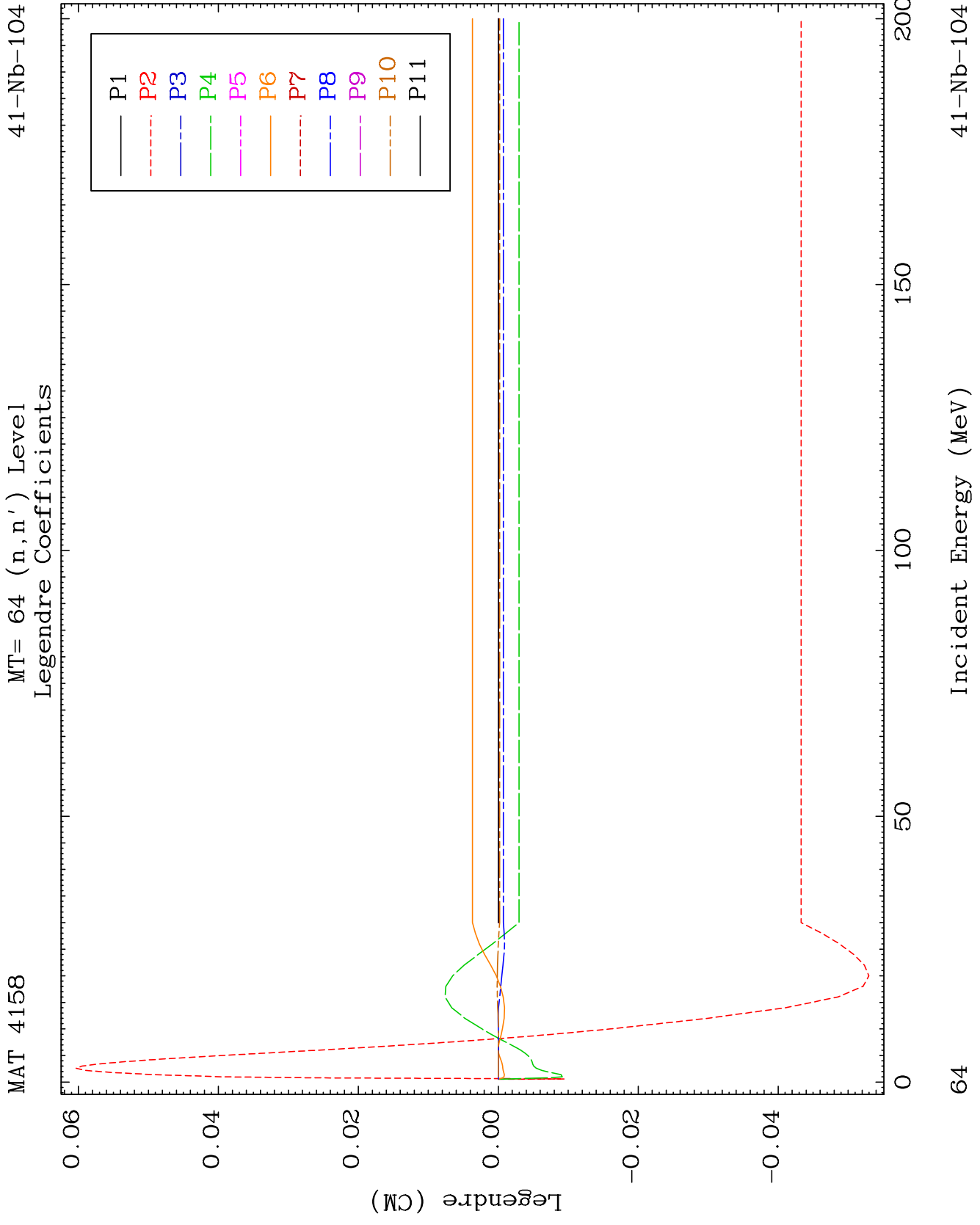


63

Incident Energy (MeV)

41-Nb-104

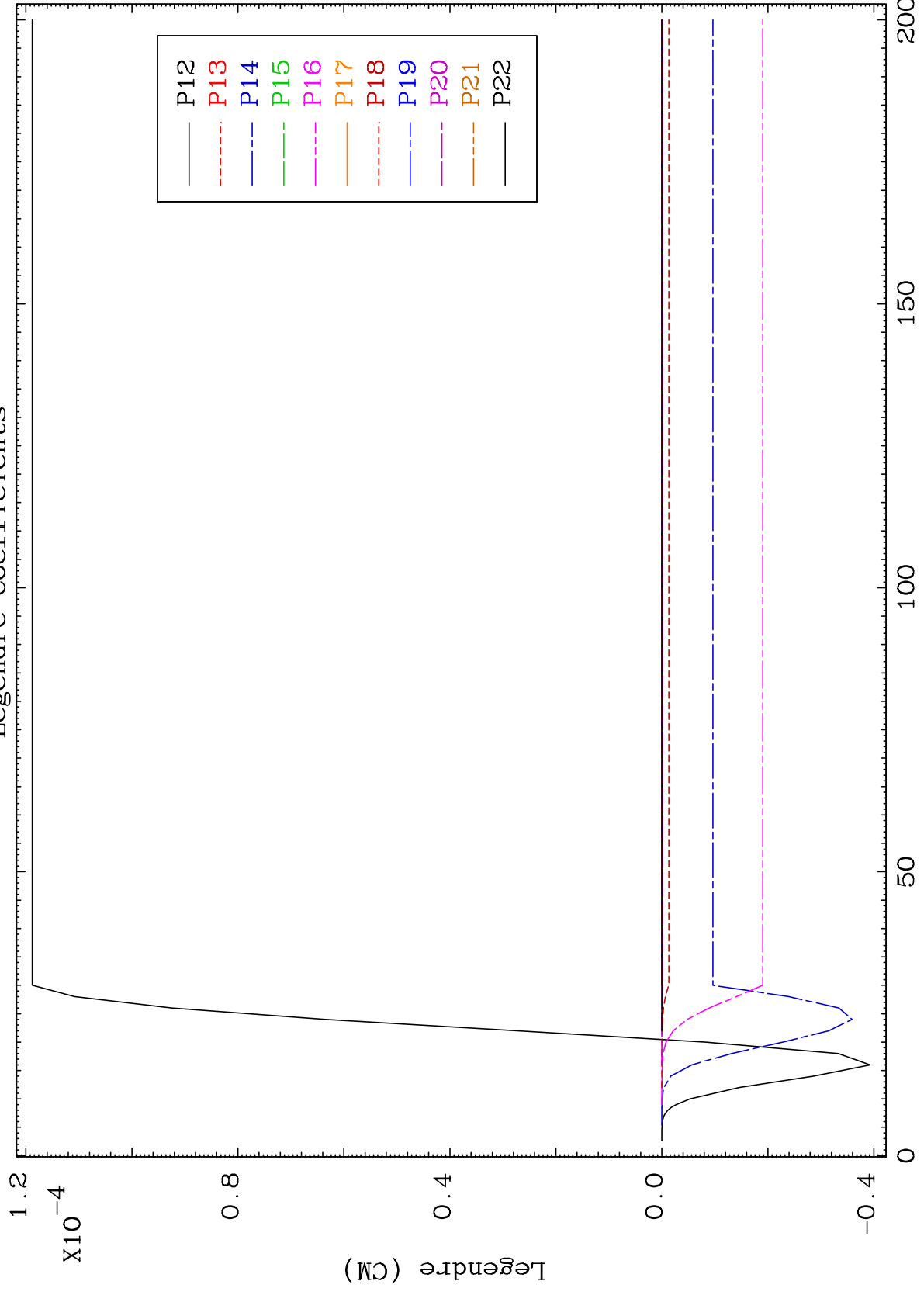




MAT 4158

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

41-Nb-104



65

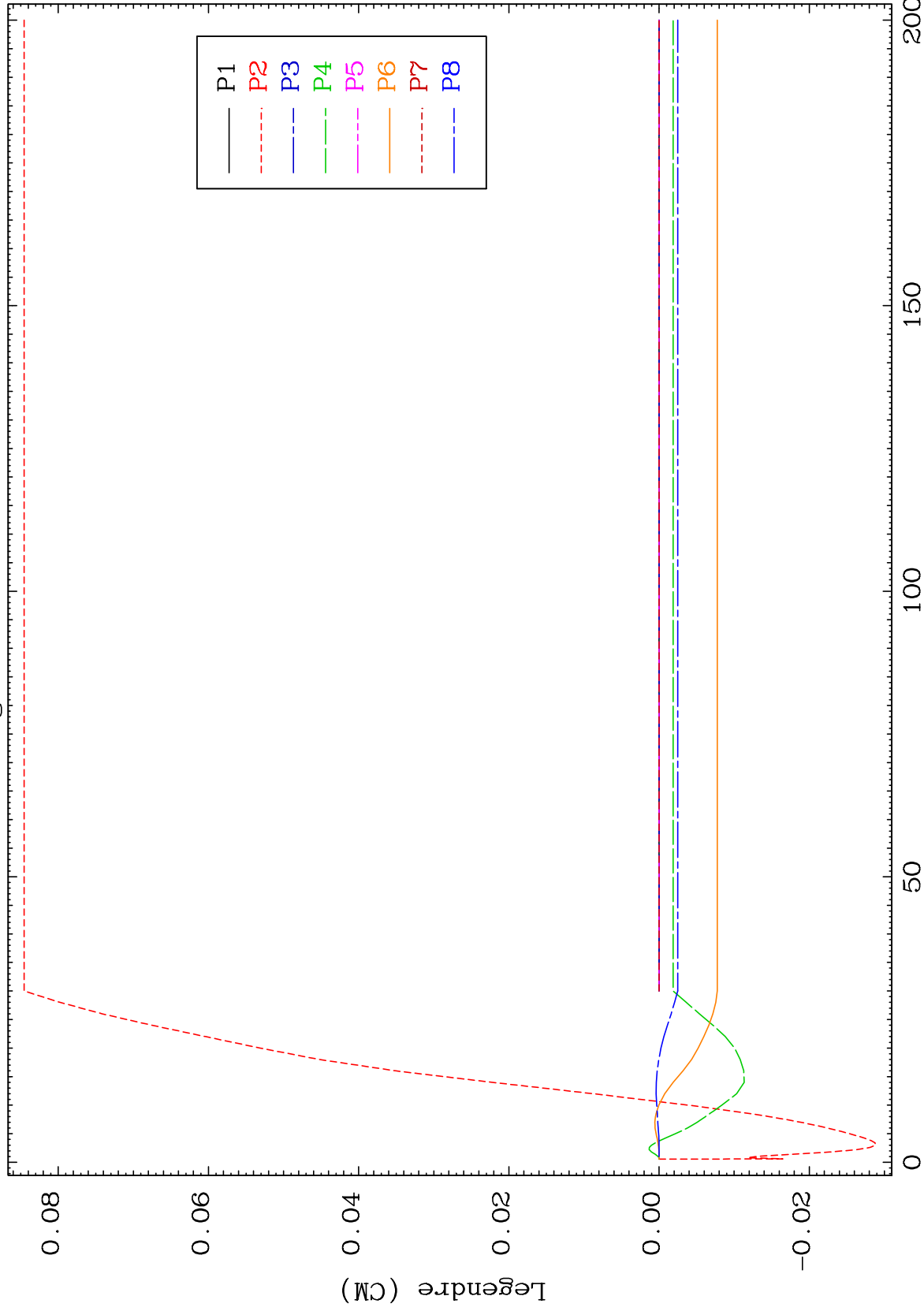
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



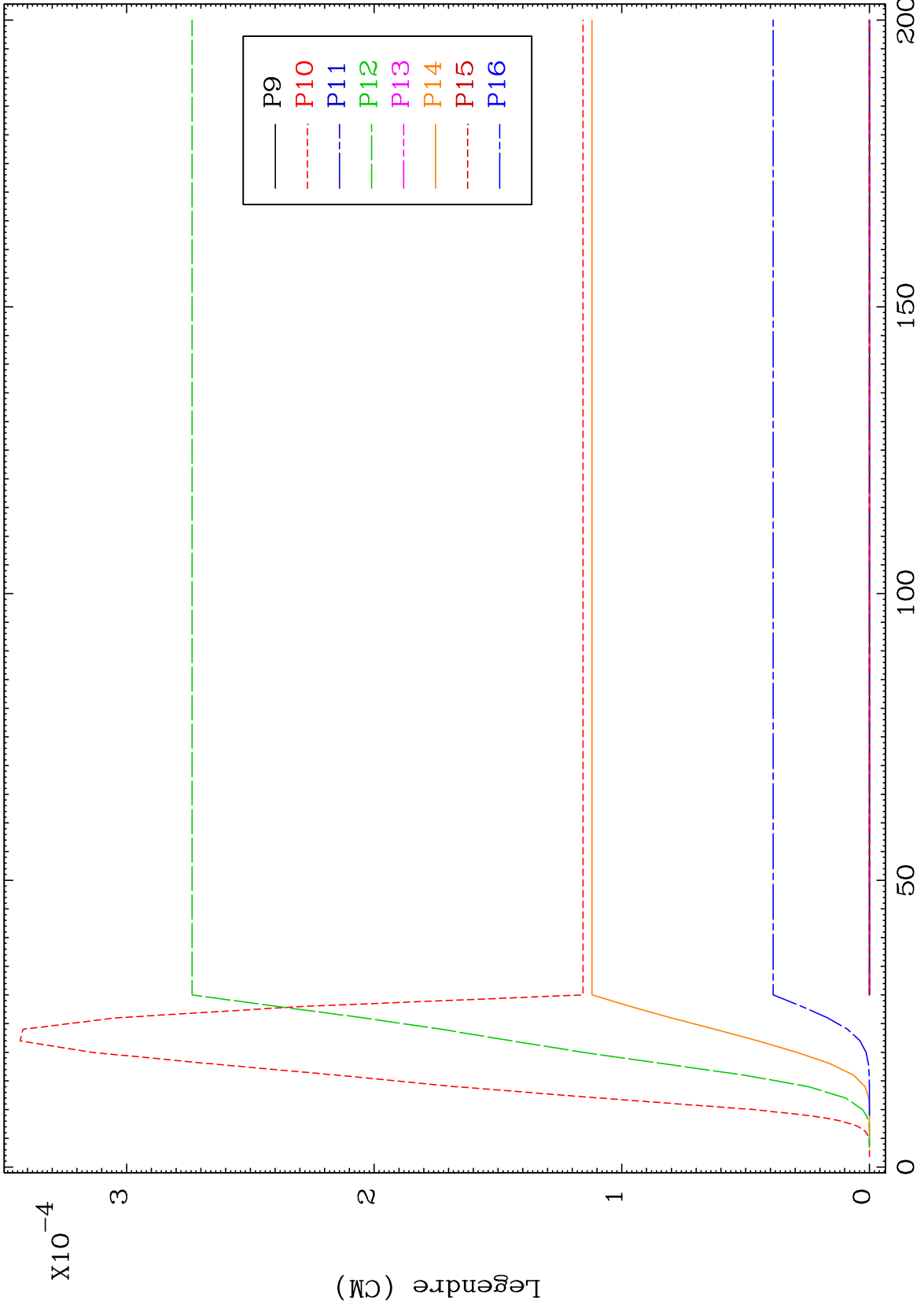
66

41-Nb-104

MAT 4158

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

41-Nb-104



67

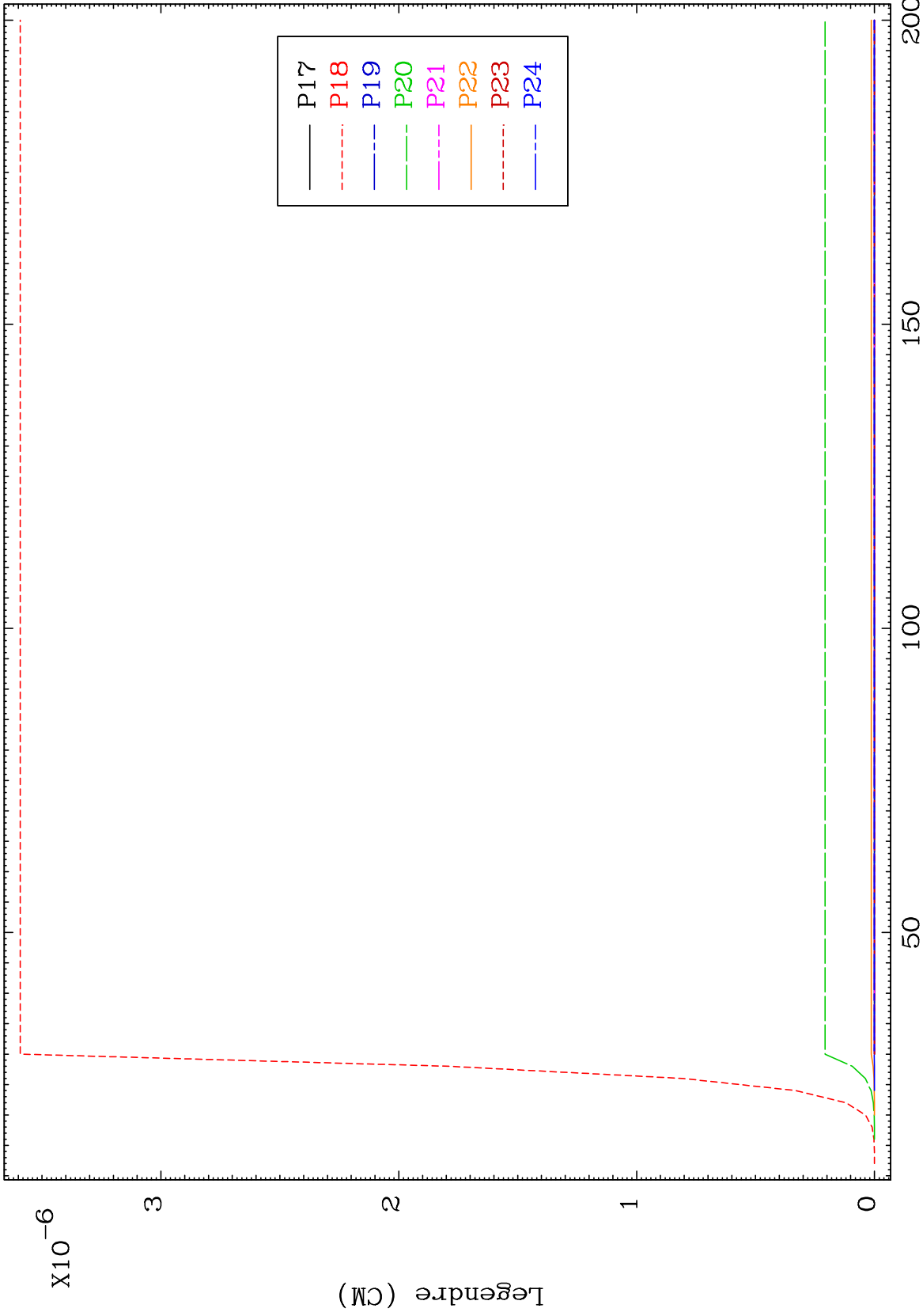
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



68

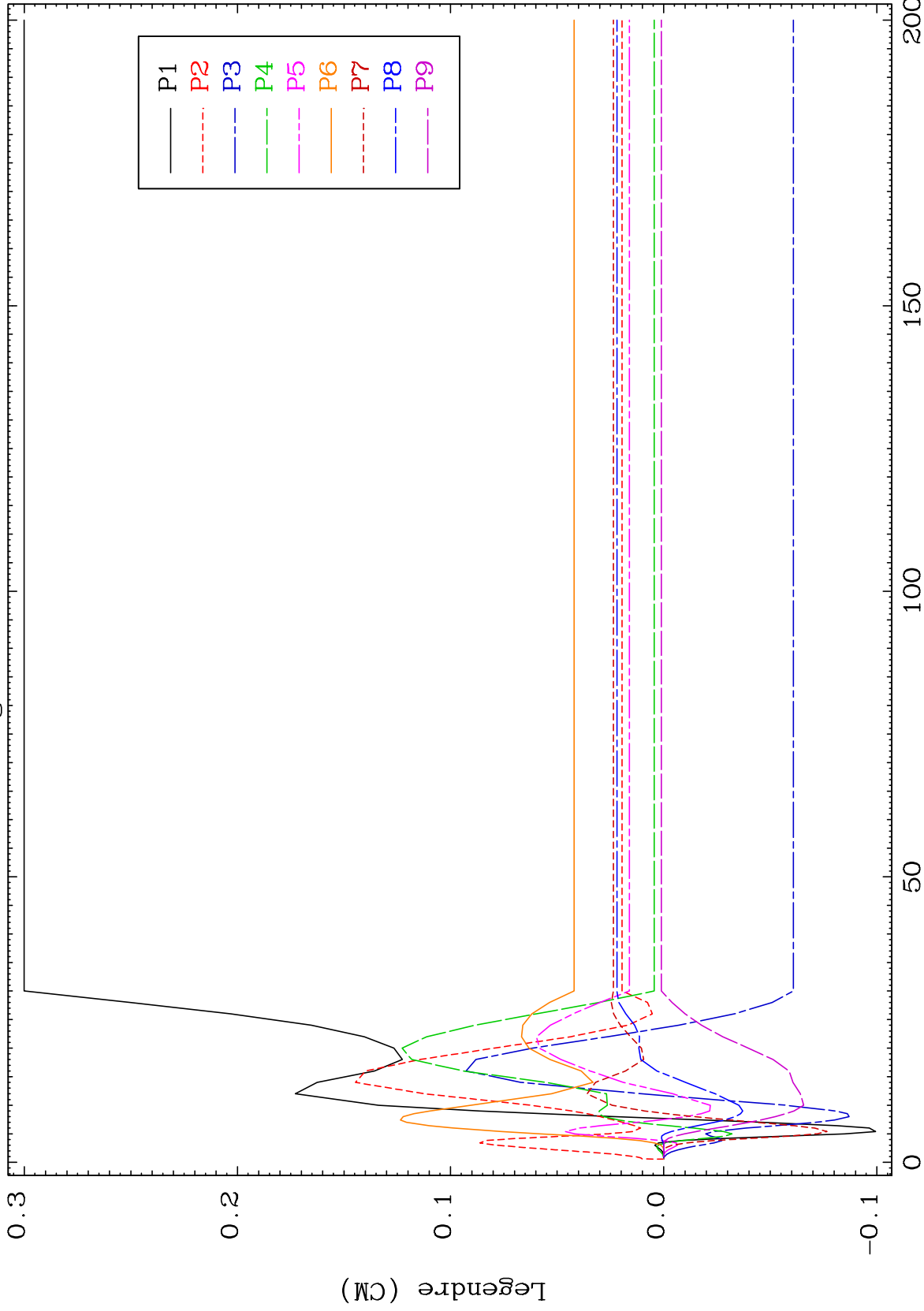
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



69

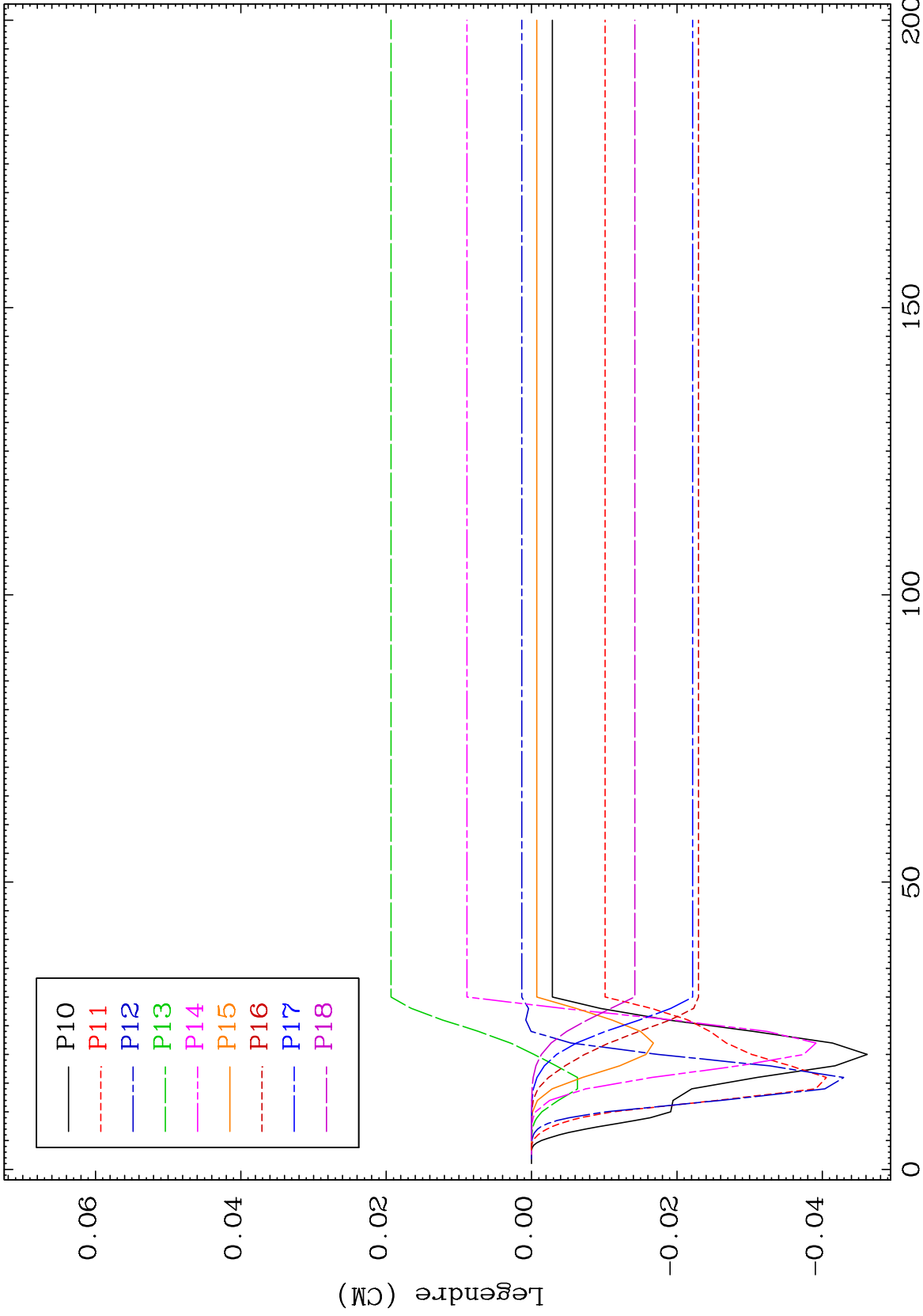
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



70

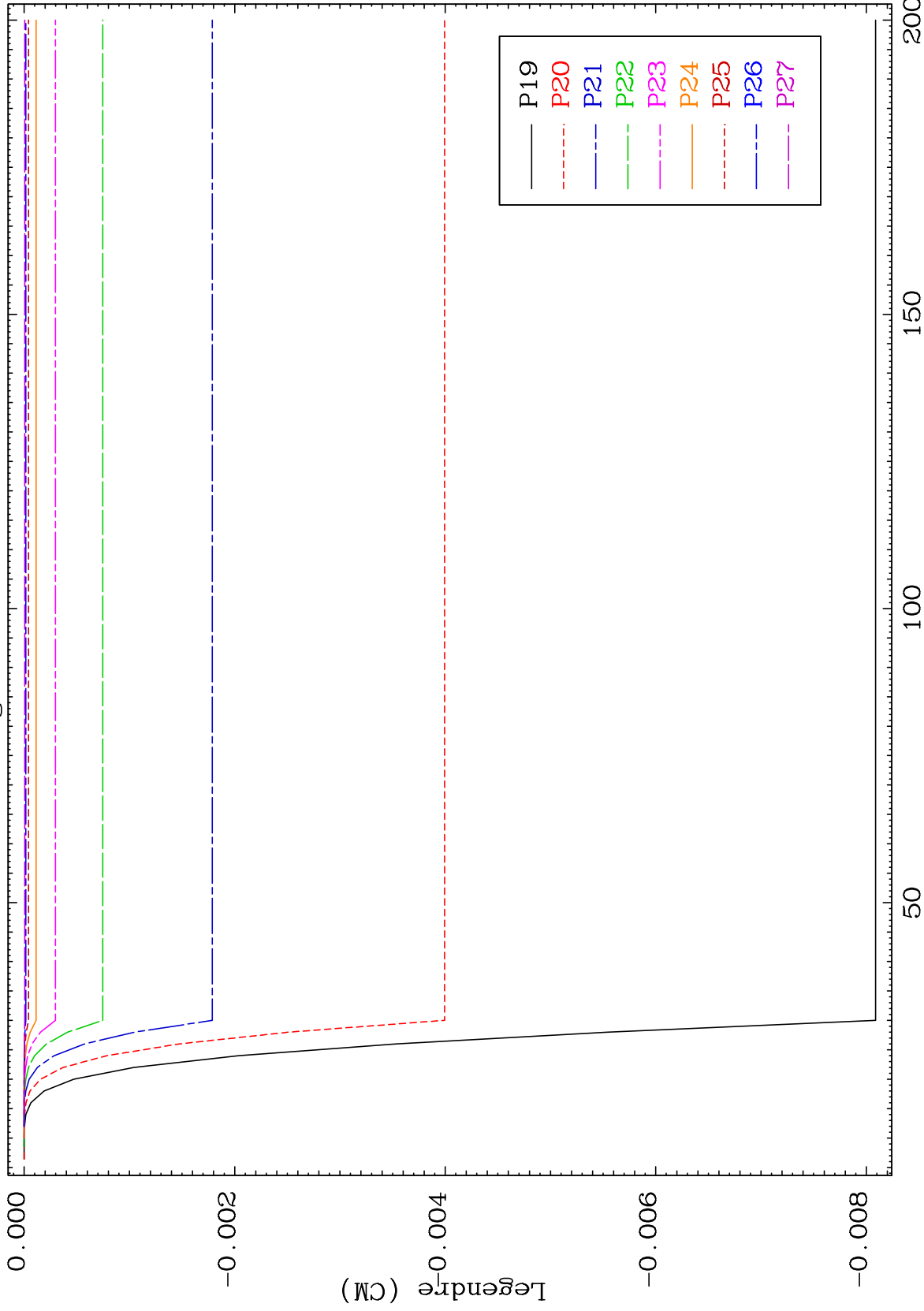
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



41-Nb-104

Incident Energy (MeV)

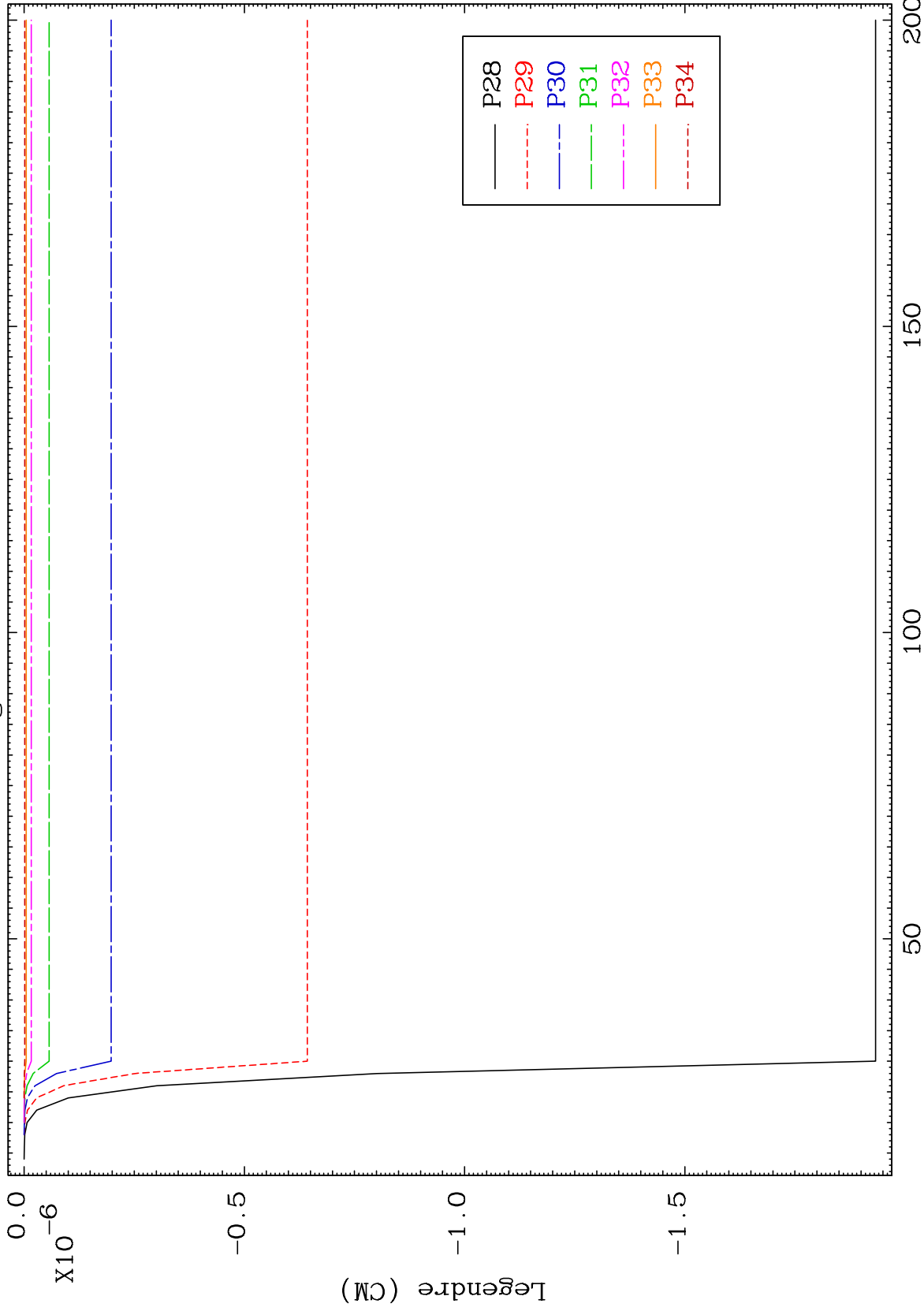
71



MAT 4158

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

41-Nb-104



41-Nb-104

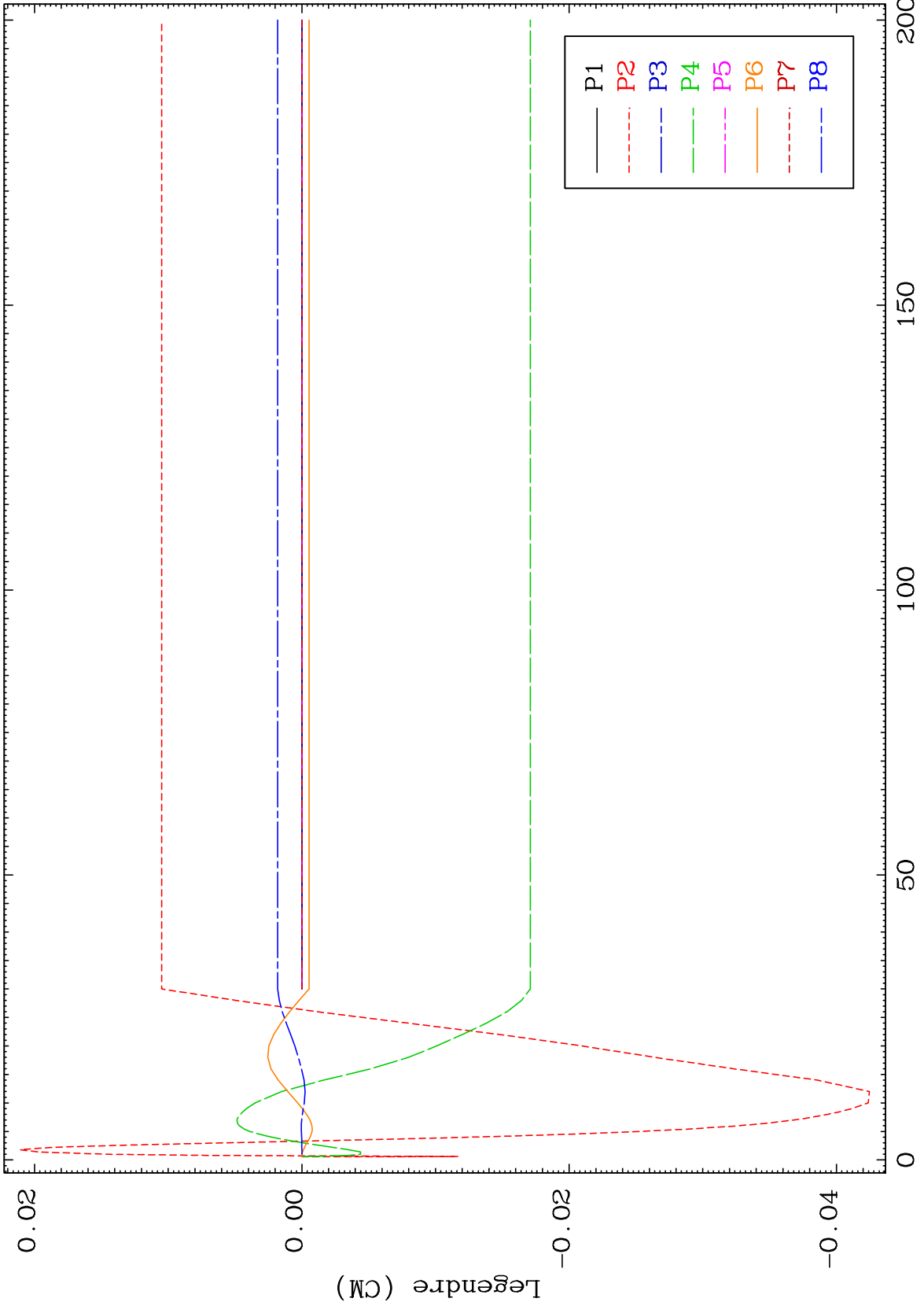
Incident Energy (MeV)

72

MAT 4158

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

41-Nb-104



73

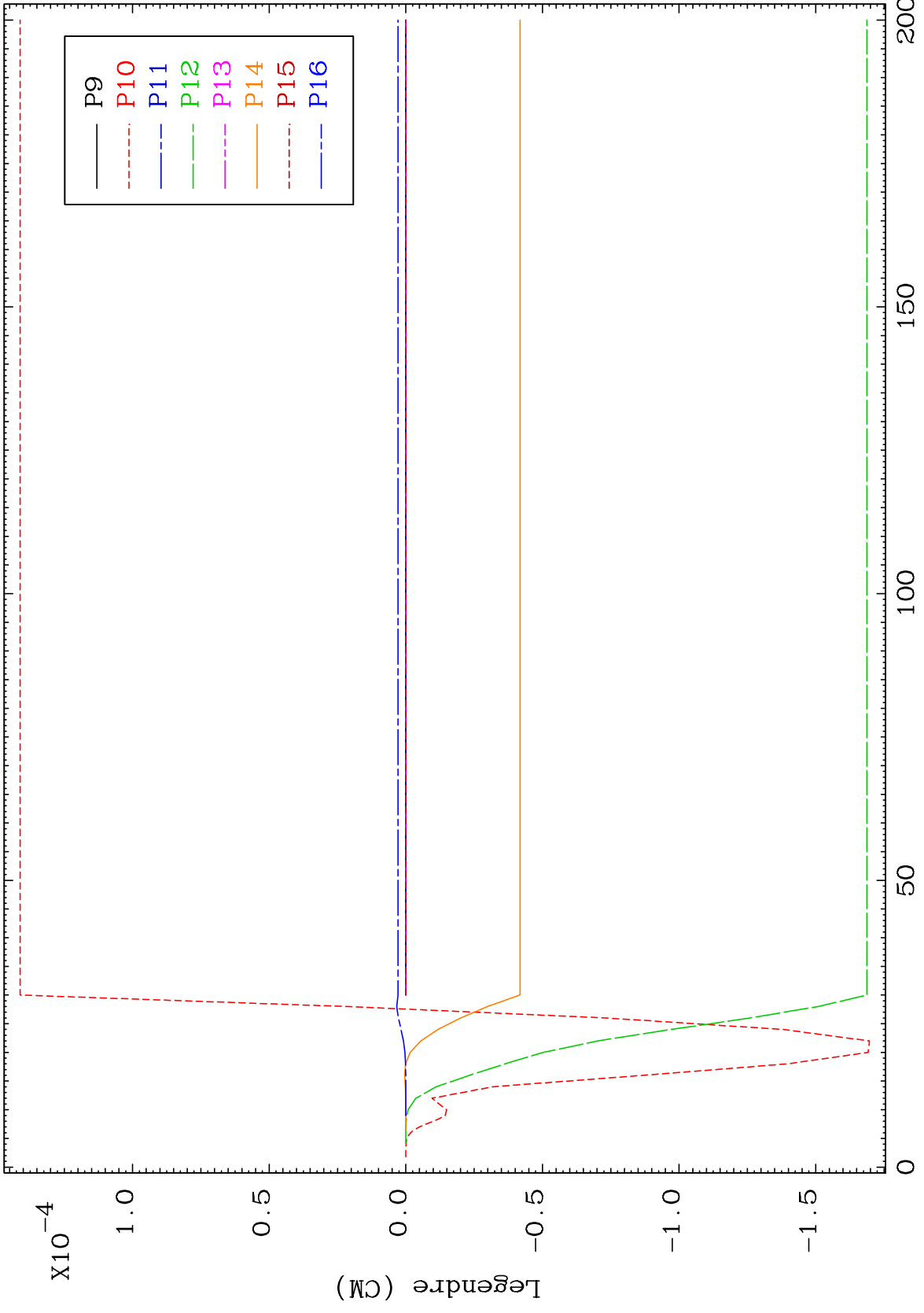
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104

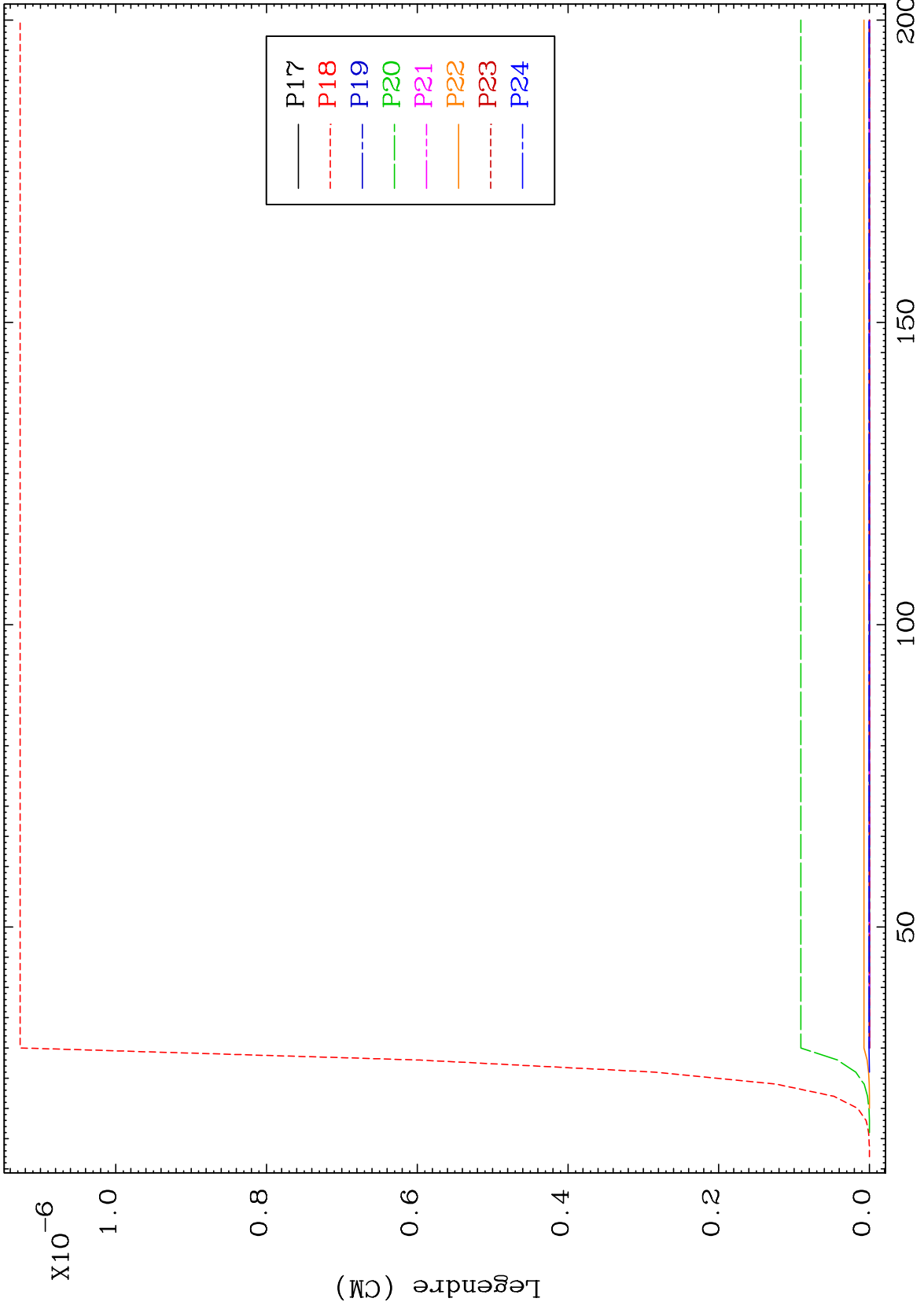


74

Incident Energy (MeV)

41-Nb-104

MAT 4158 MT= 67 (n,n') Level Legendre Coefficients 41-Nb-104

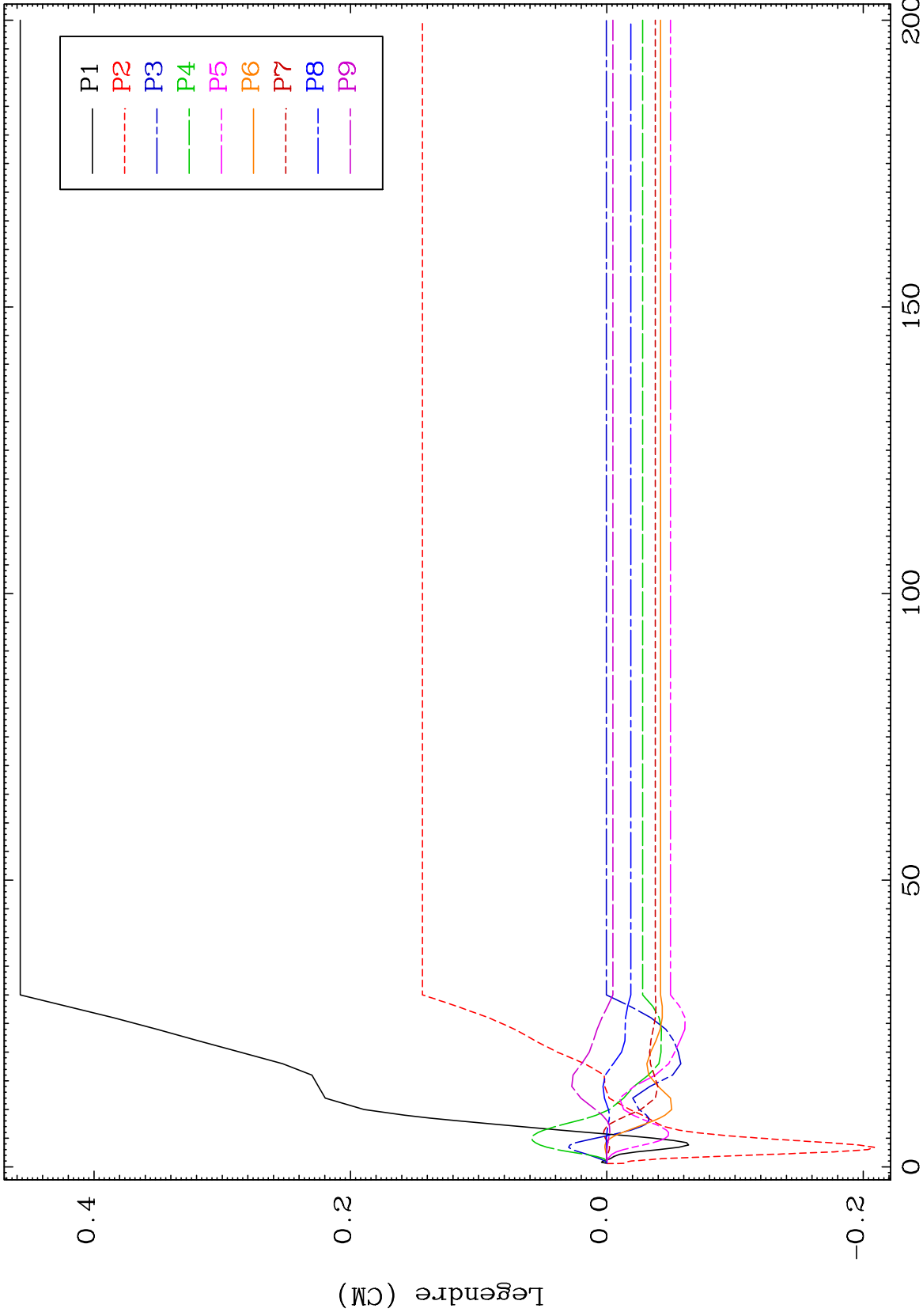


75 Incident Energy (MeV) 41-Nb-104

MAT 4158

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

41-Nb-104

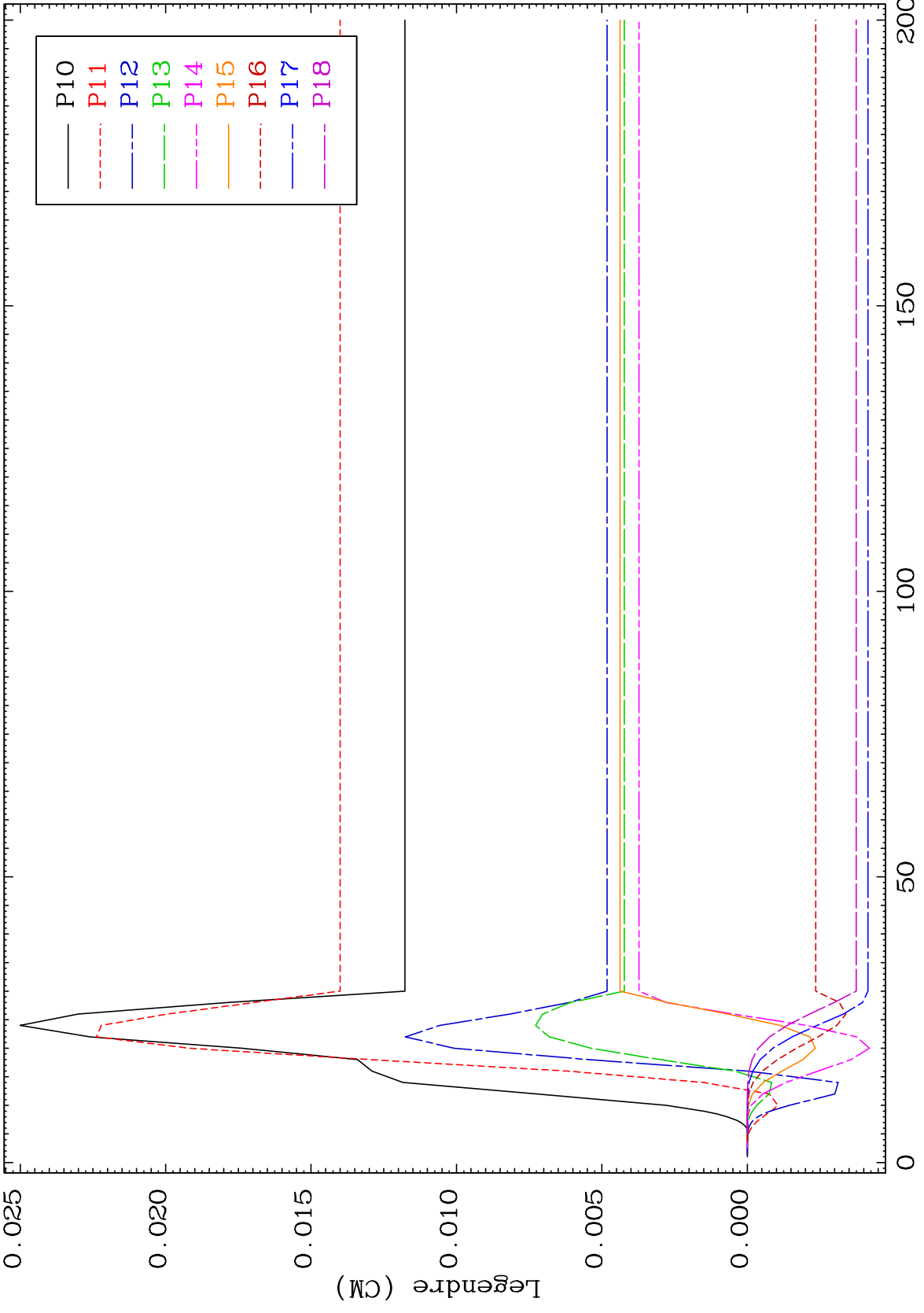


76

Incident Energy (MeV)

41-Nb-104

MAT 4158 MT= 68 (n,n') Level Legendre Coefficients 41-Nb-104

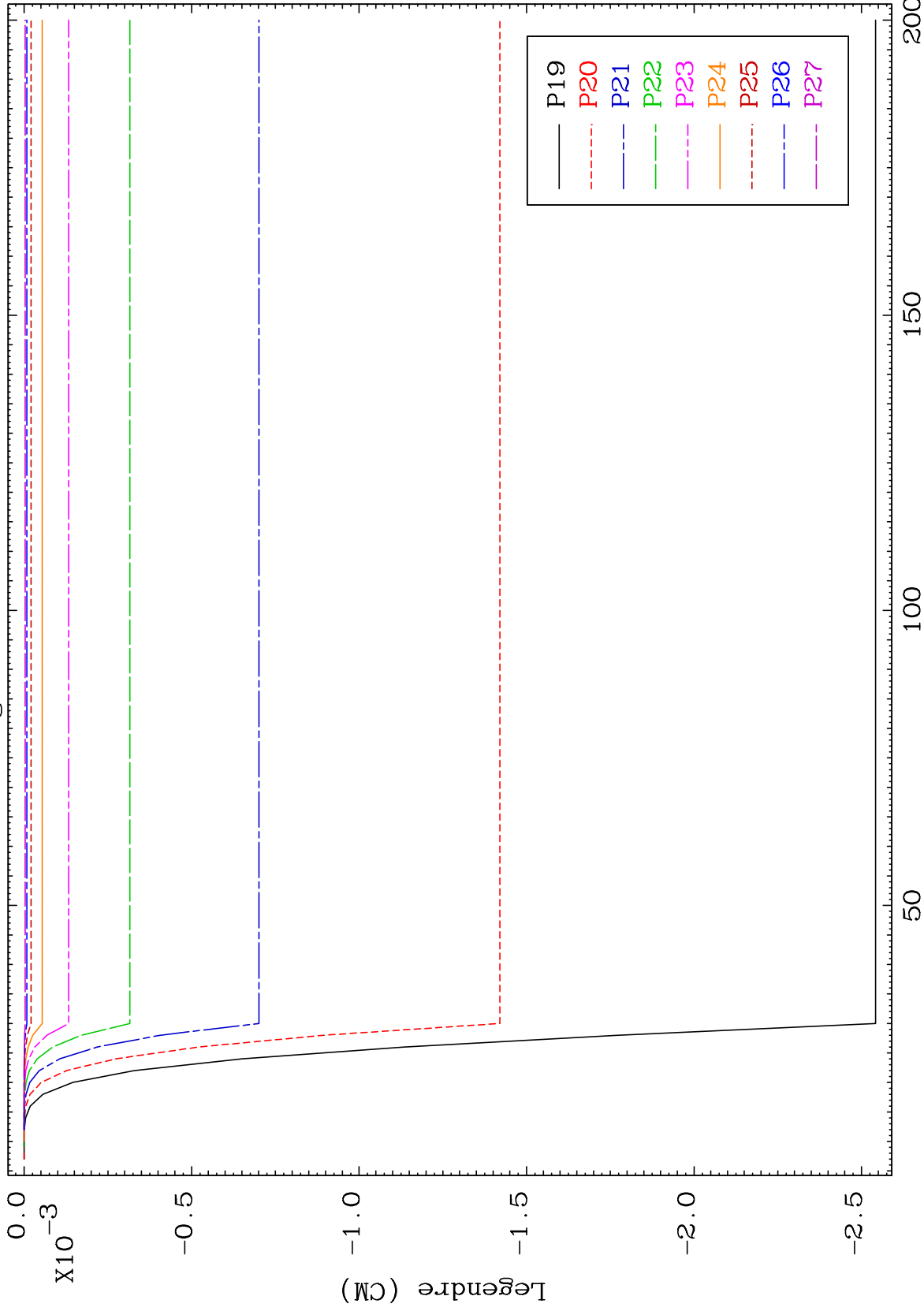


77 41-Nb-104

MAT 4158

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

41-Nb-104



41-Nb-104

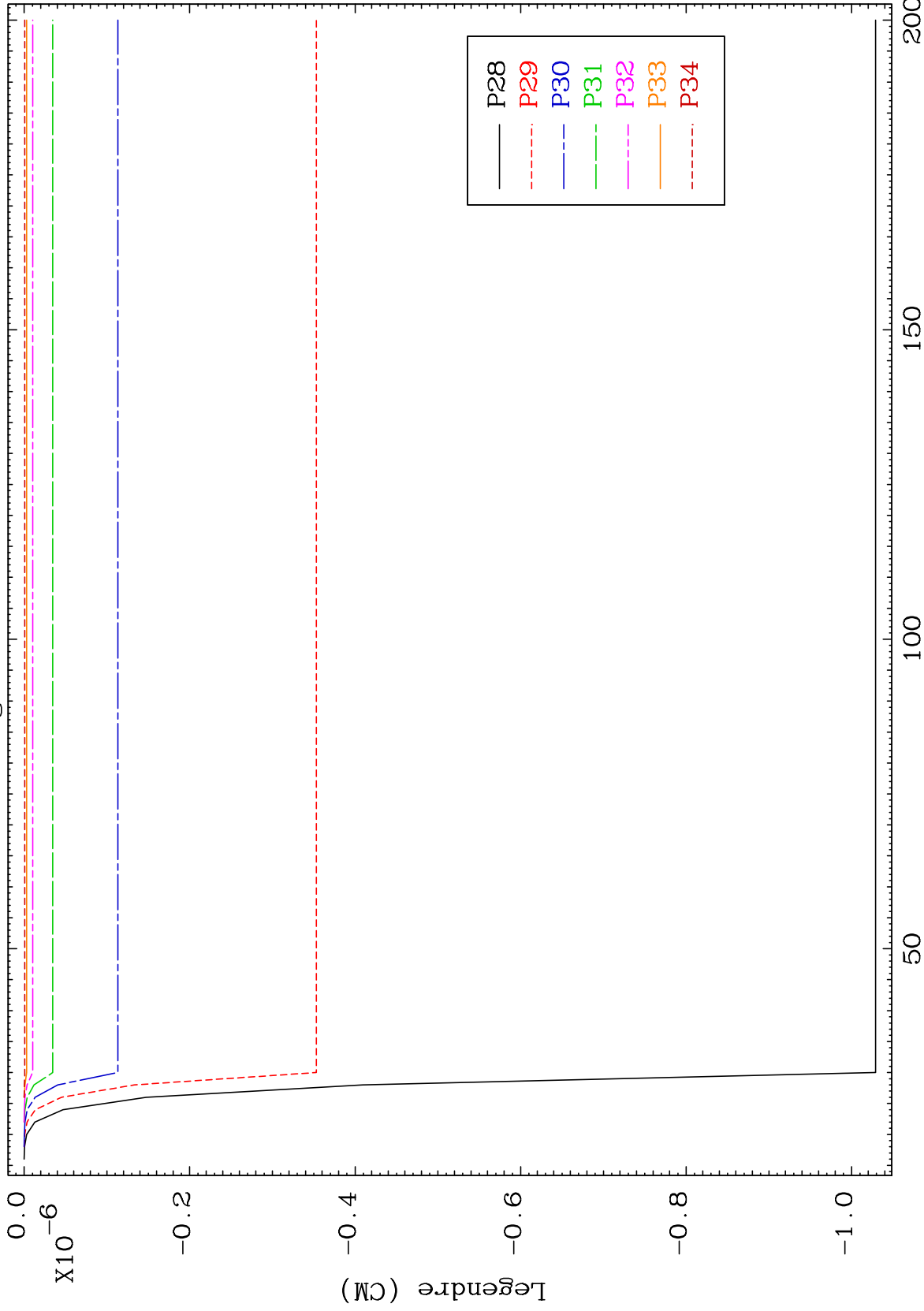
Incident Energy (MeV)

78

MAT 4158

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

41-Nb-104



41-Nb-104

Incident Energy (MeV)

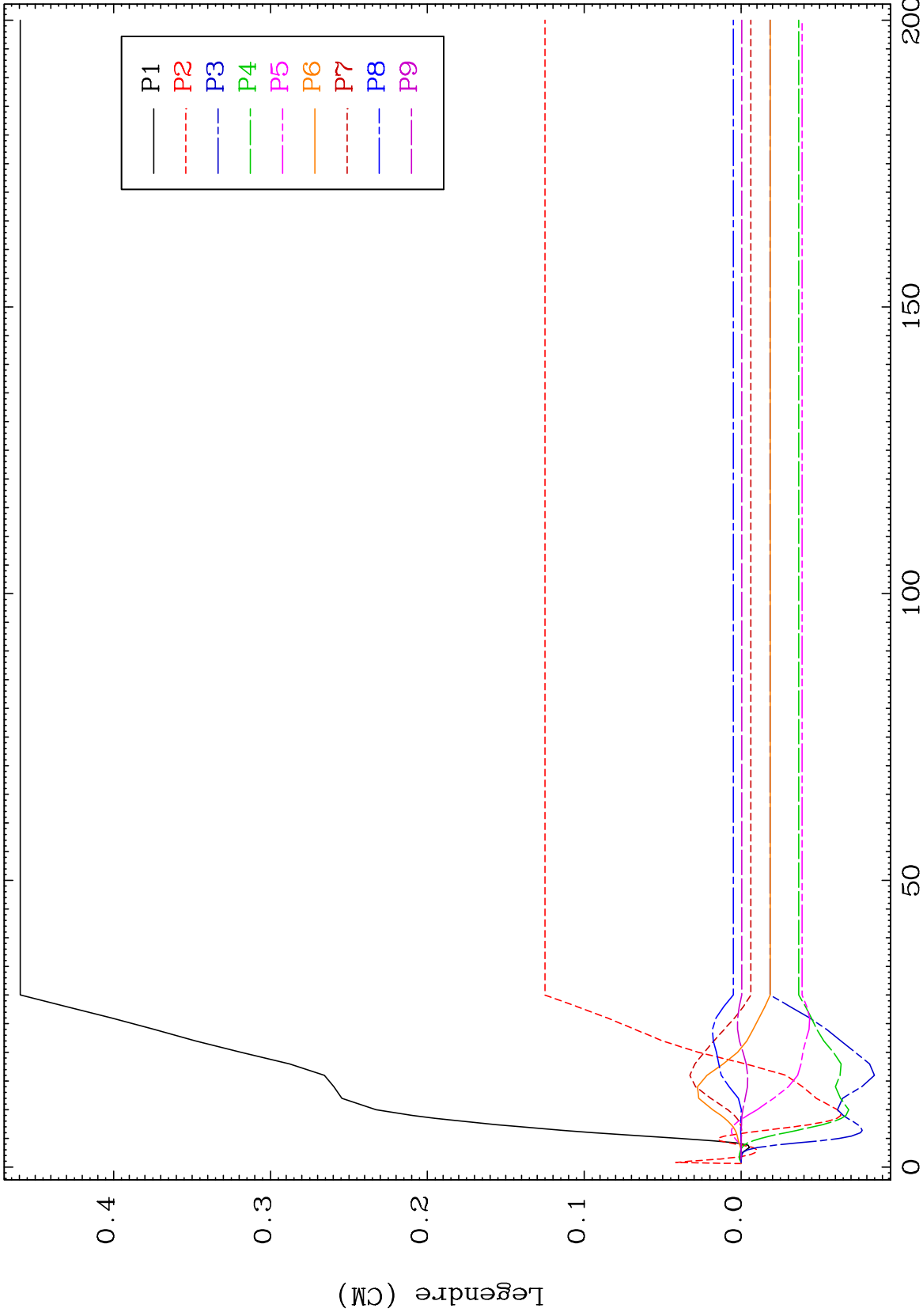
79



MAT 4158

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

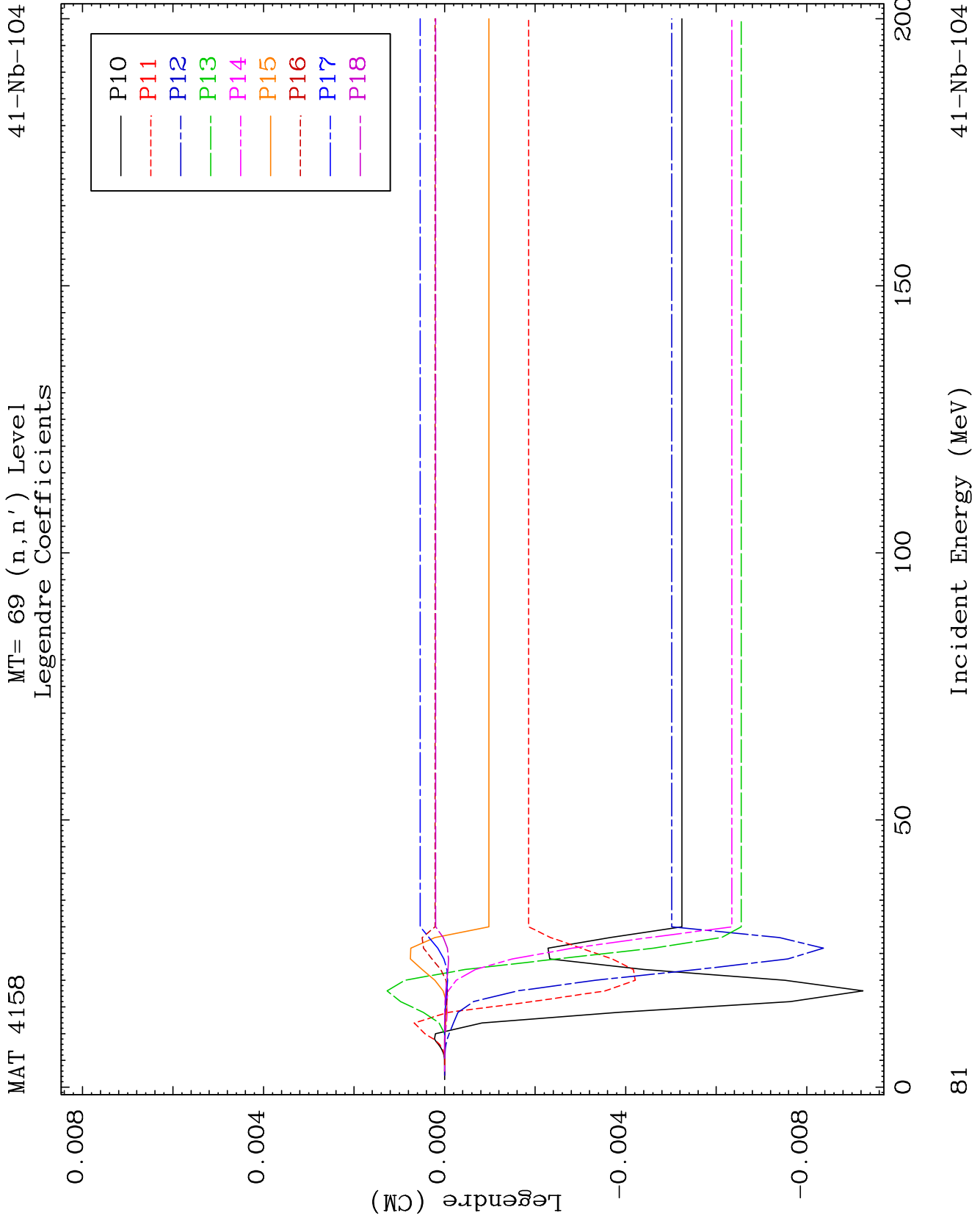
41-Nb-104



41-Nb-104

Incident Energy (MeV)

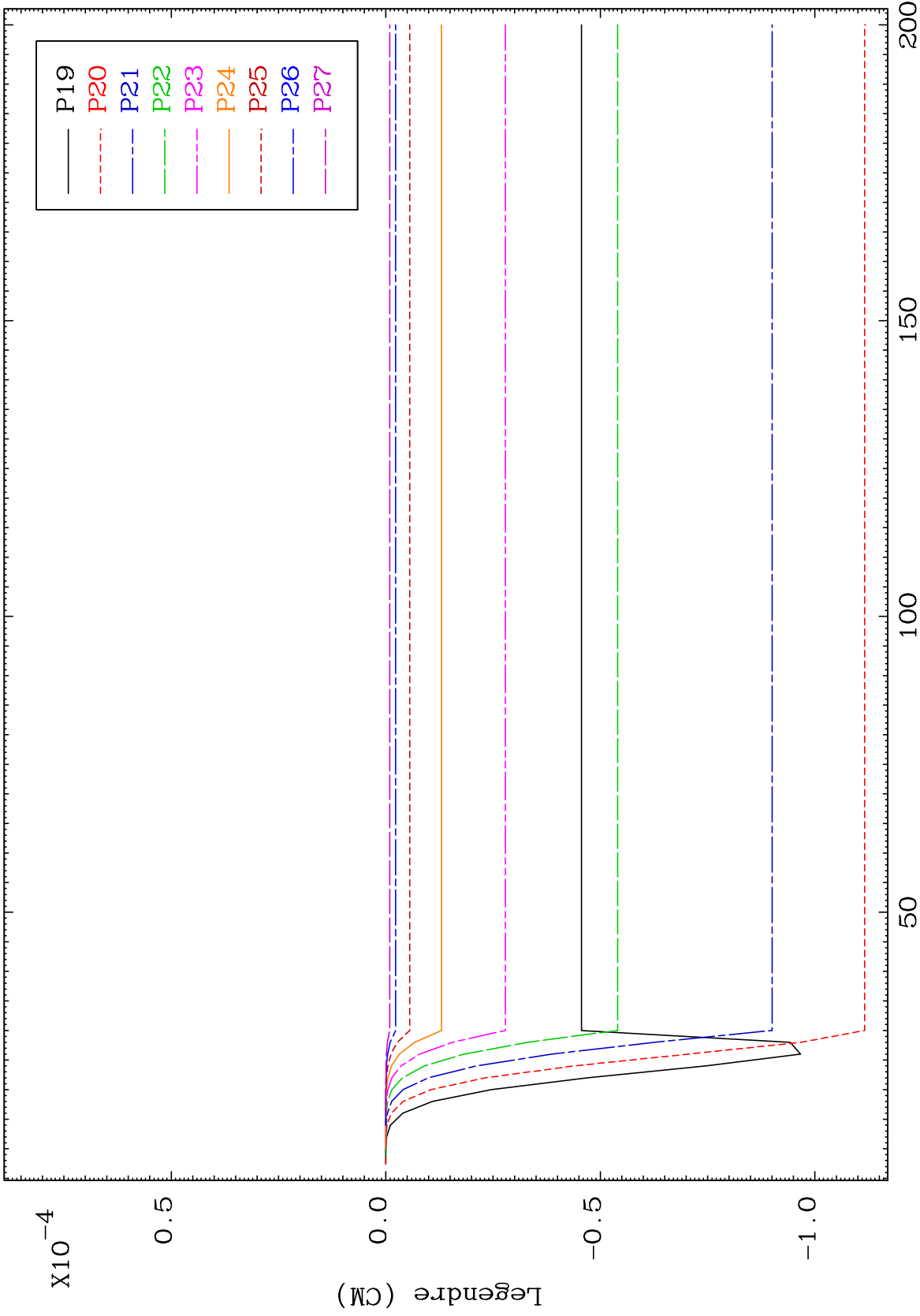
80



MAT 4158

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

41-Nb-104



82

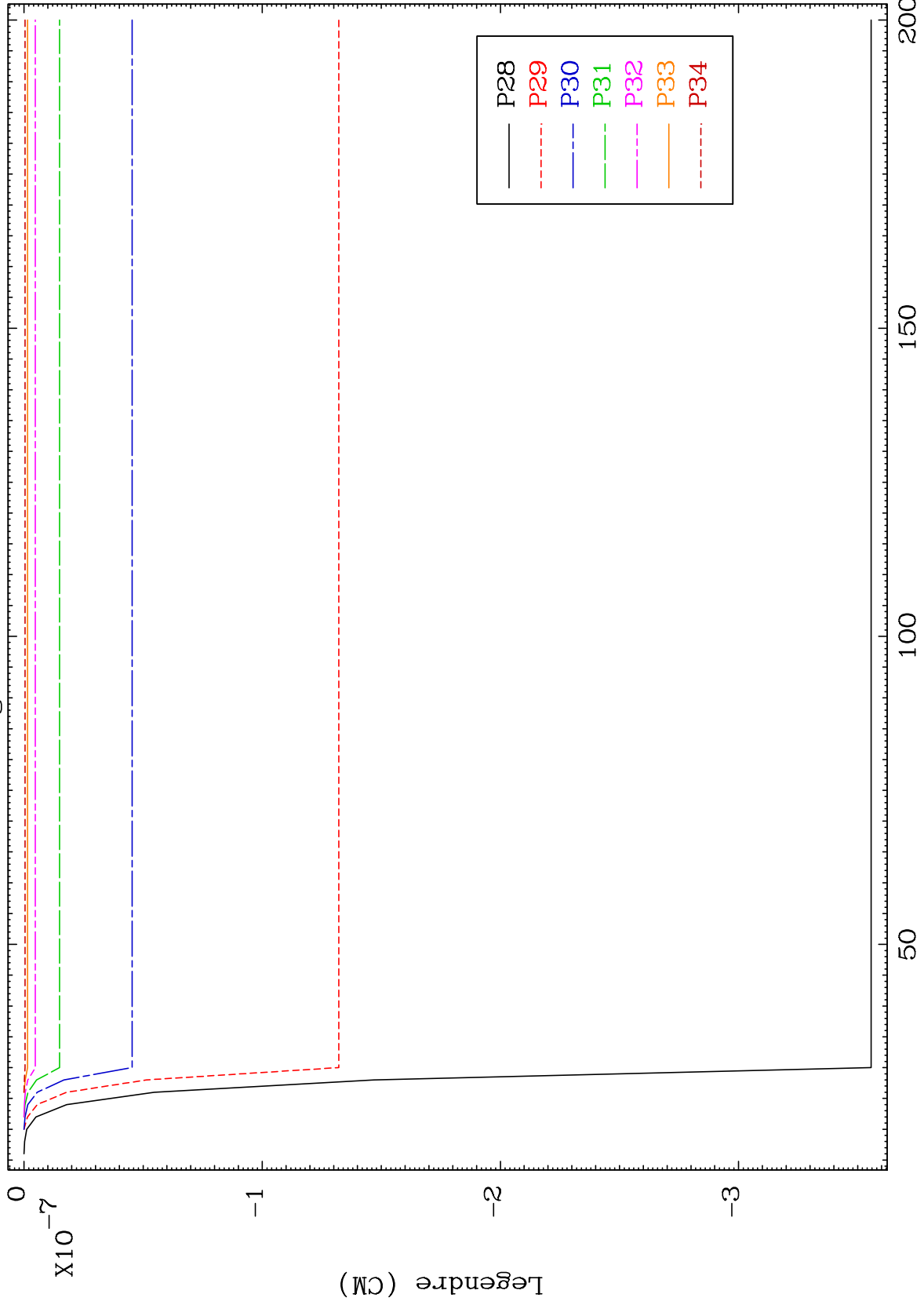
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

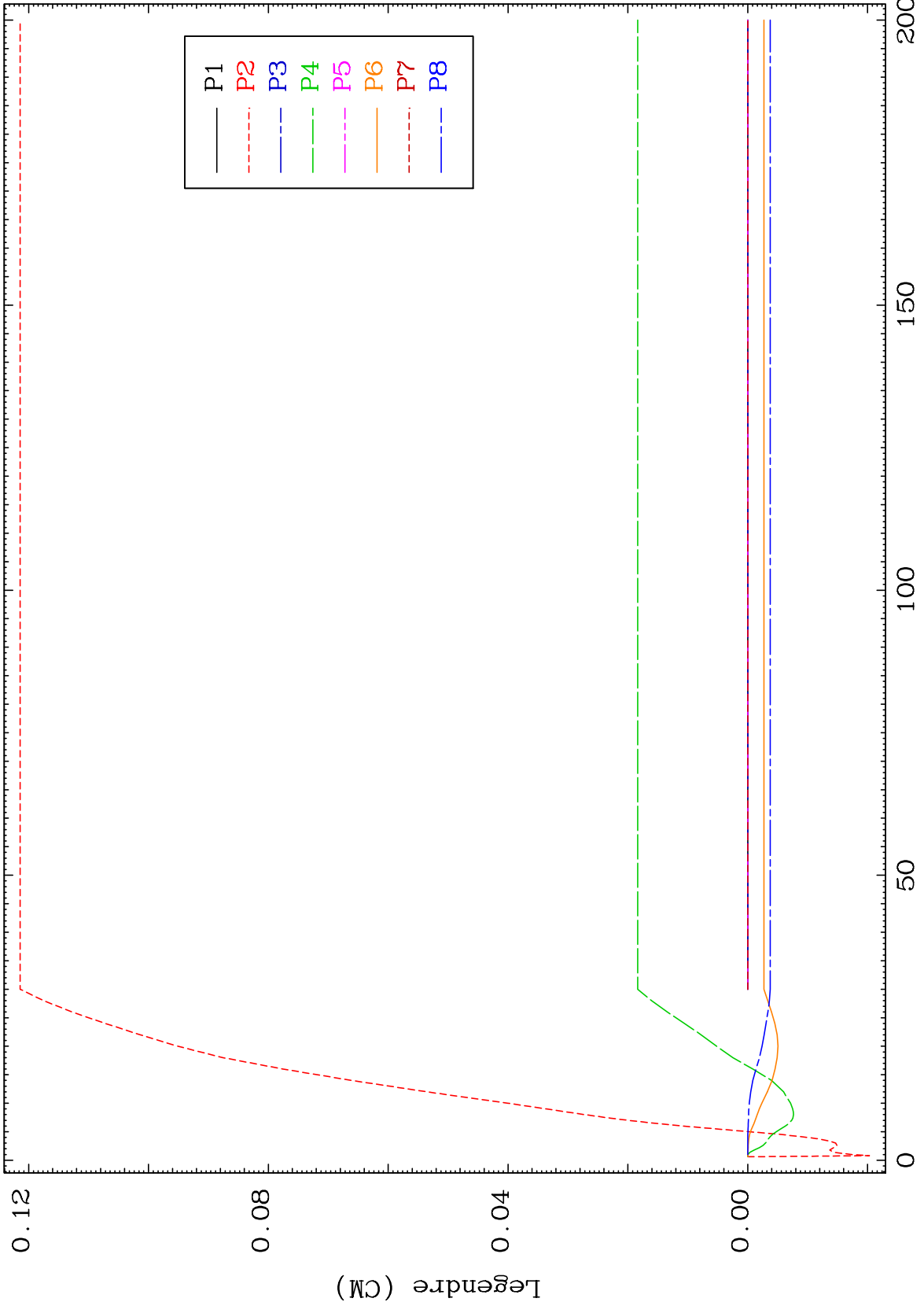
41-Nb-104



83

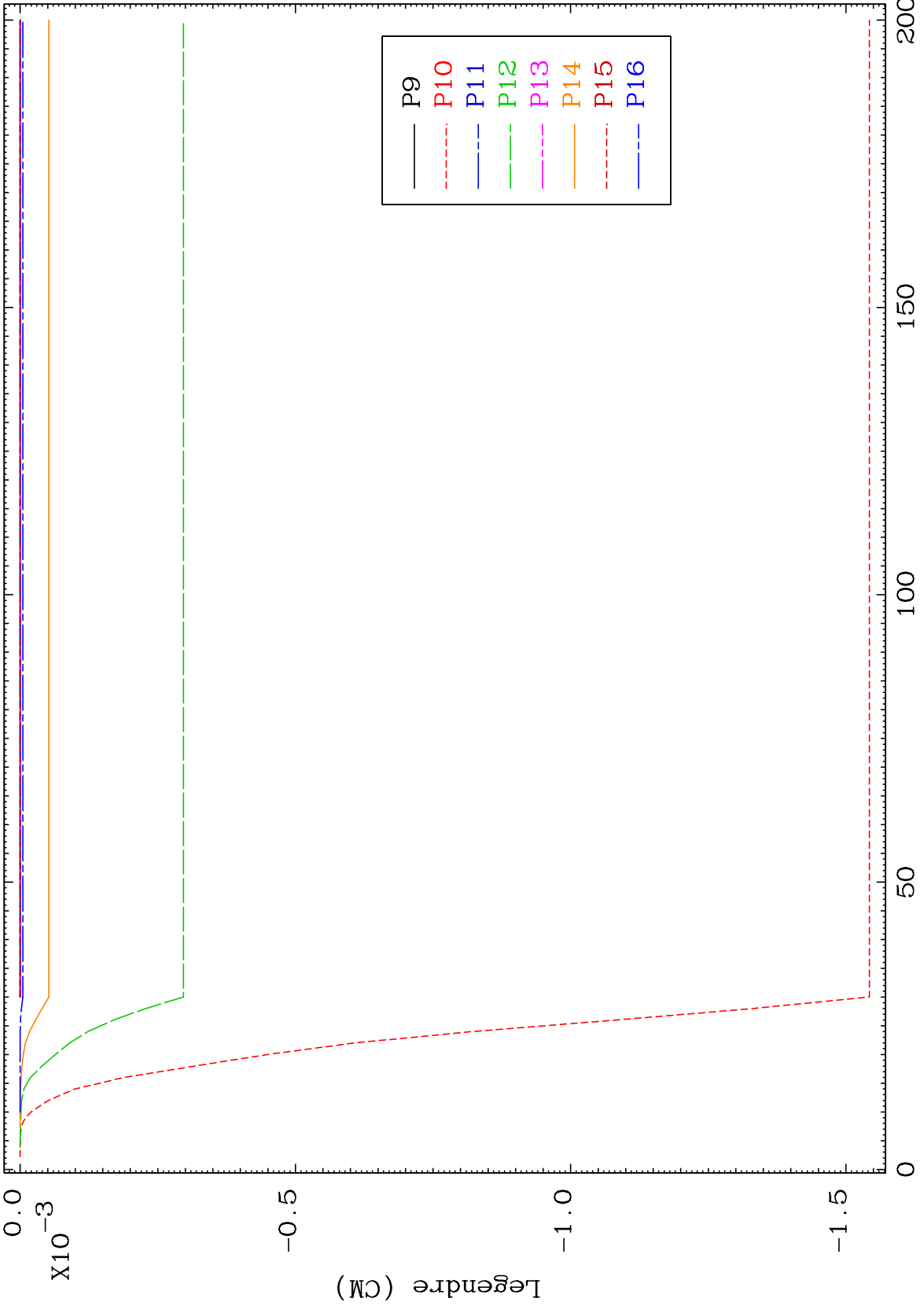
41-Nb-104

MAT 4158 MT= 70 (n,n') Level Legendre Coefficients 41-Nb-104



84 41-Nb-104

MAT 4158 MT= 70 (n,n') Level Legendre Coefficients 41-Nb-104

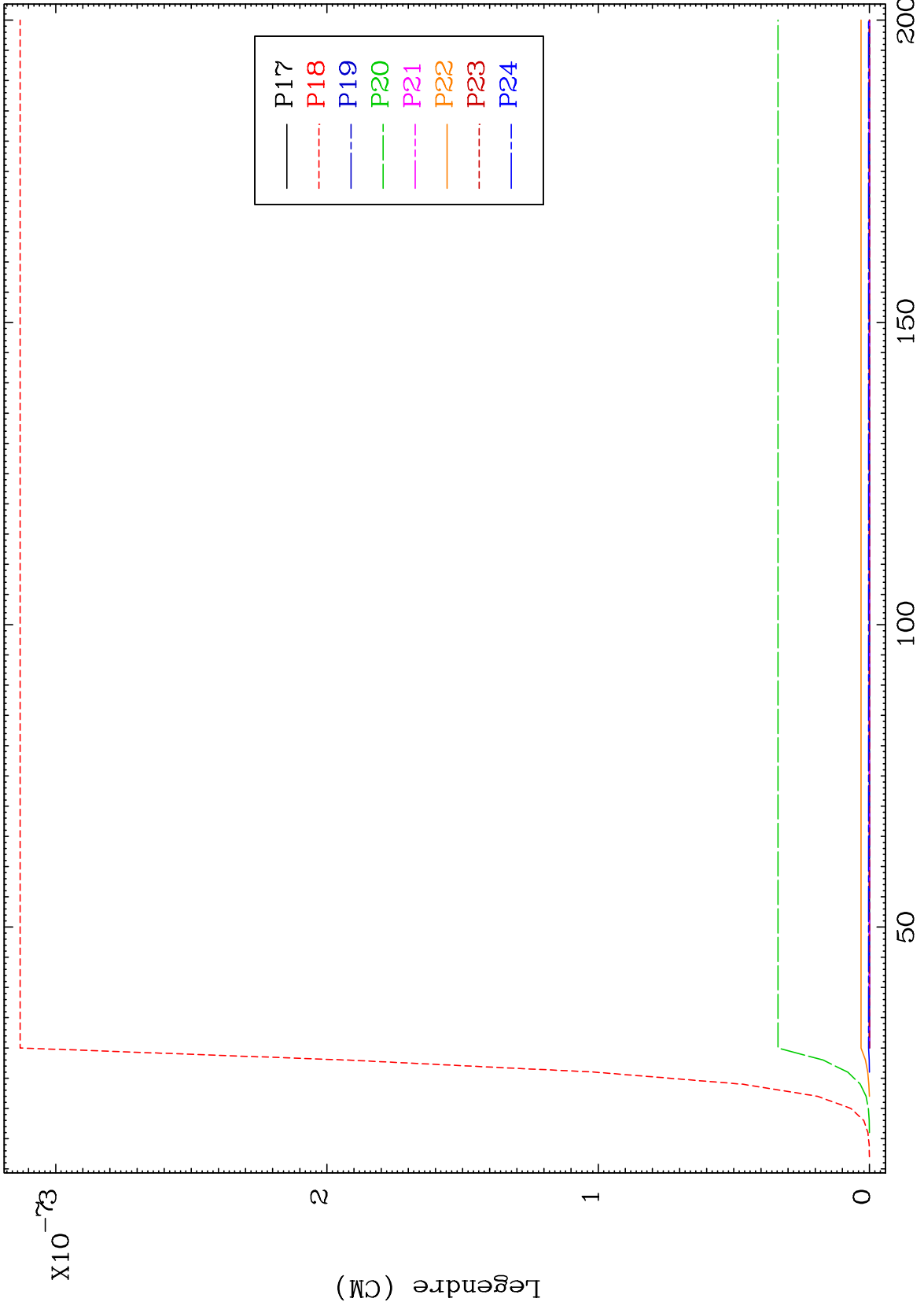


85 Incident Energy (MeV) 41-Nb-104

MAT 4158

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

41-Nb-104



86

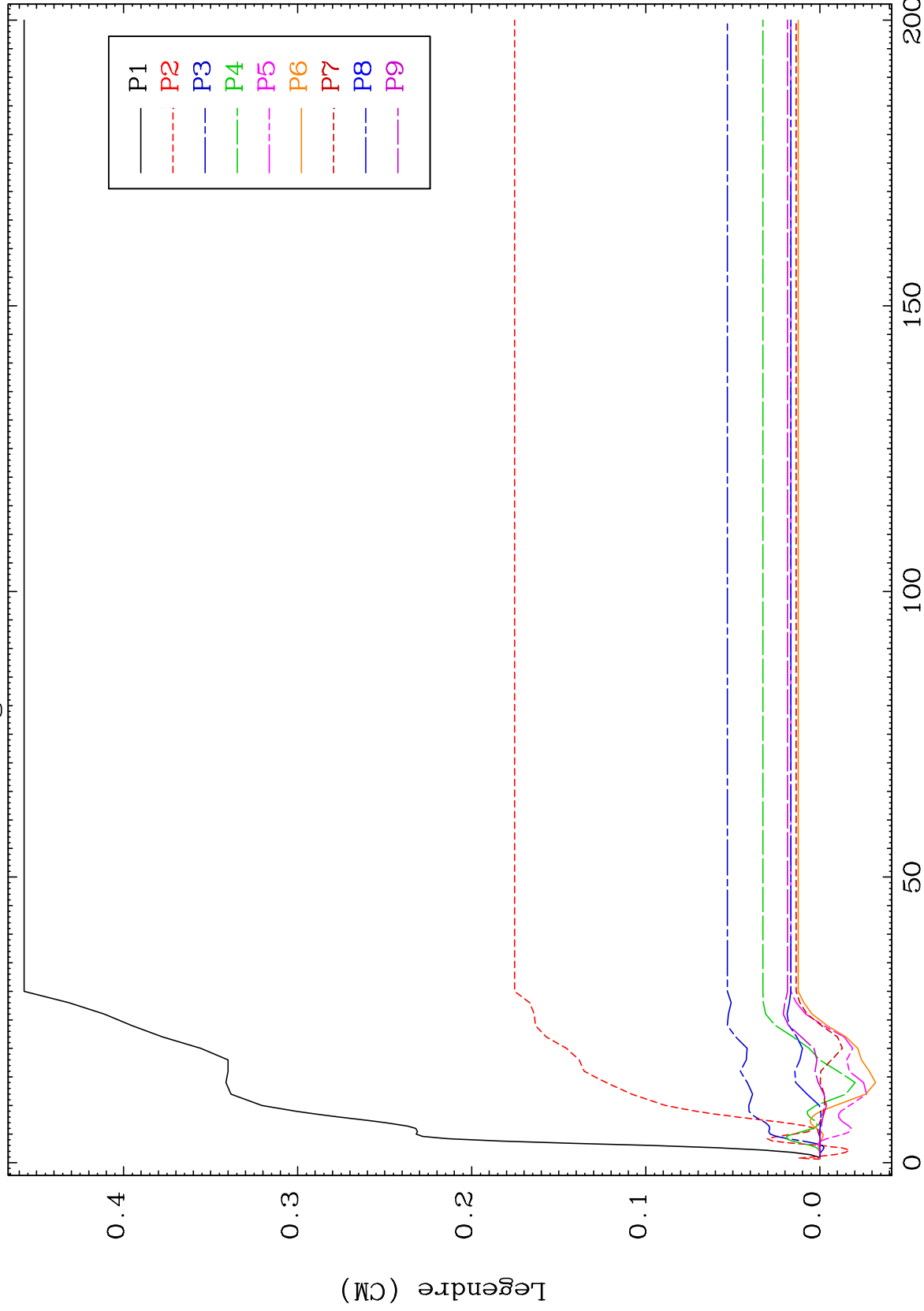
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



87

Incident Energy (MeV)

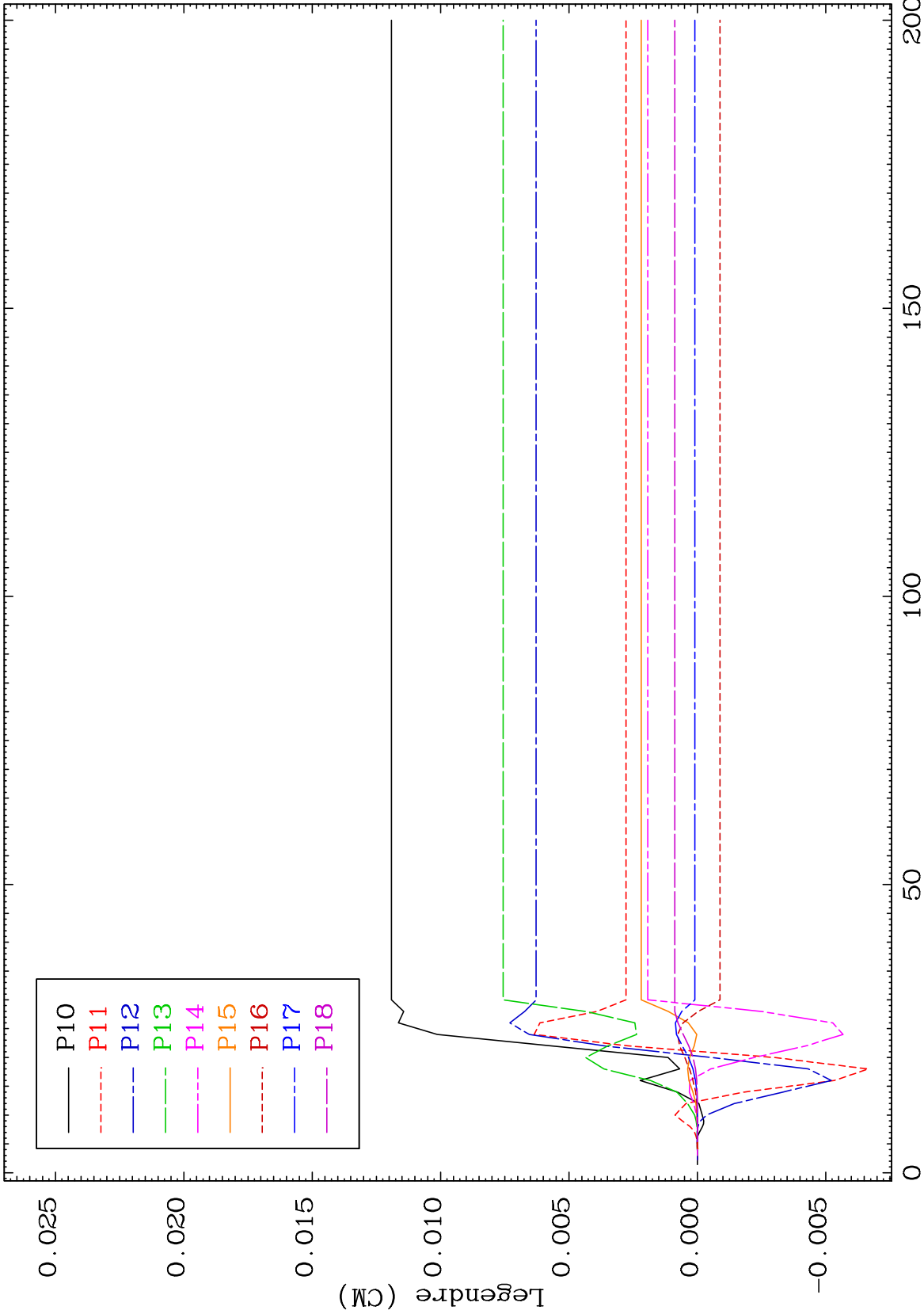
41-Nb-104



MAT 4158

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

41-Nb-104



88

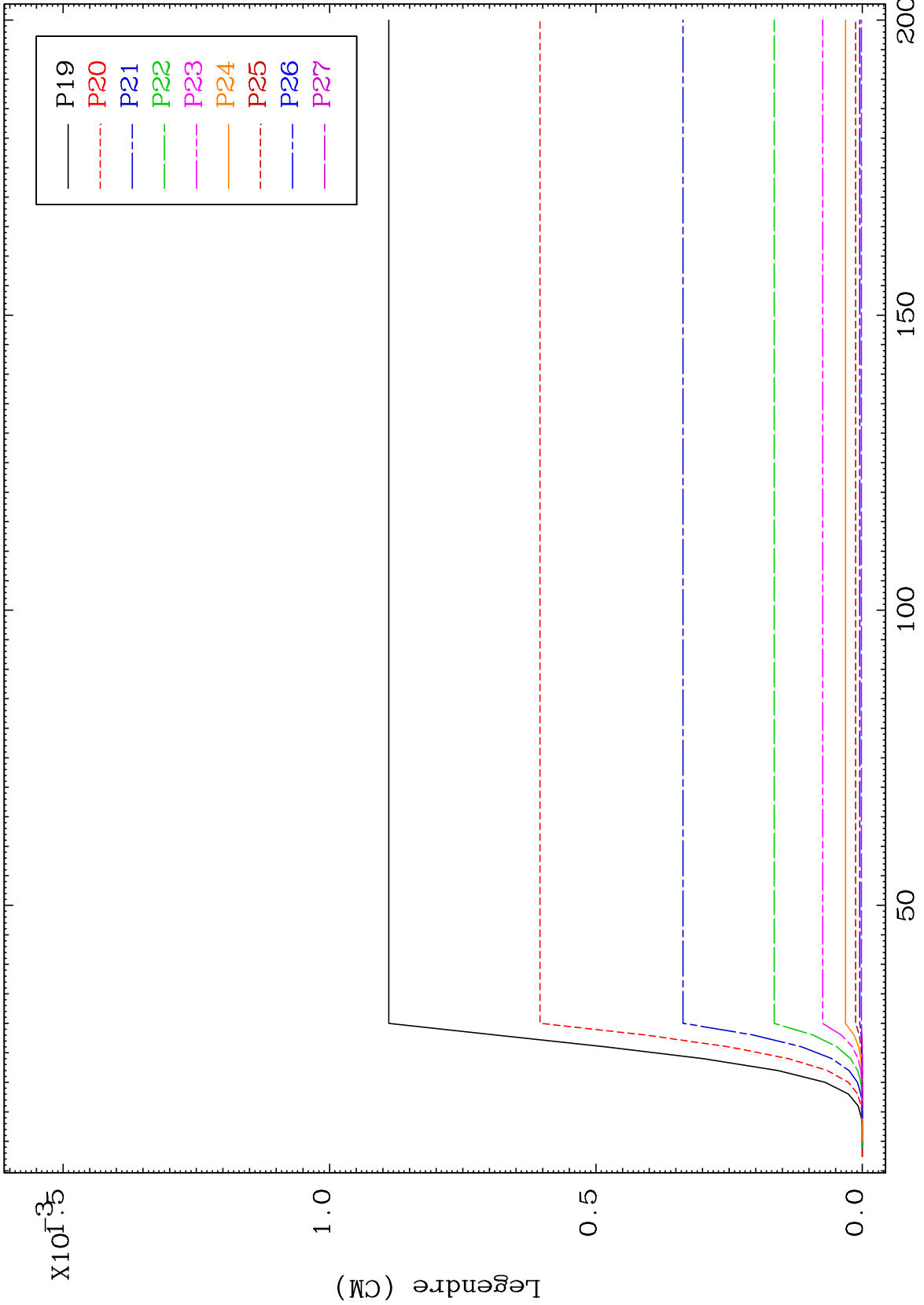
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



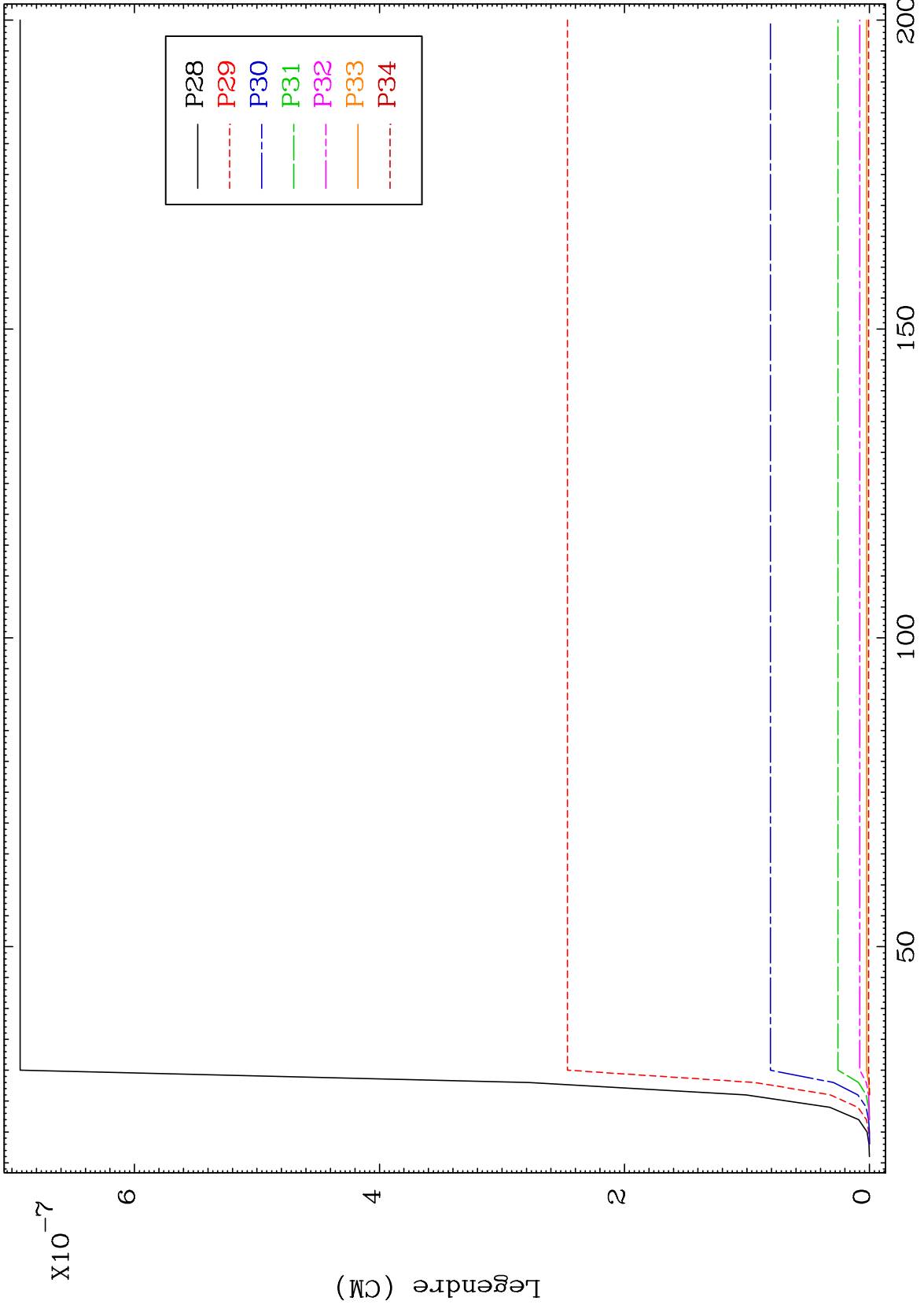
89

41-Nb-104

MAT 4158

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

41-Nb-104



90

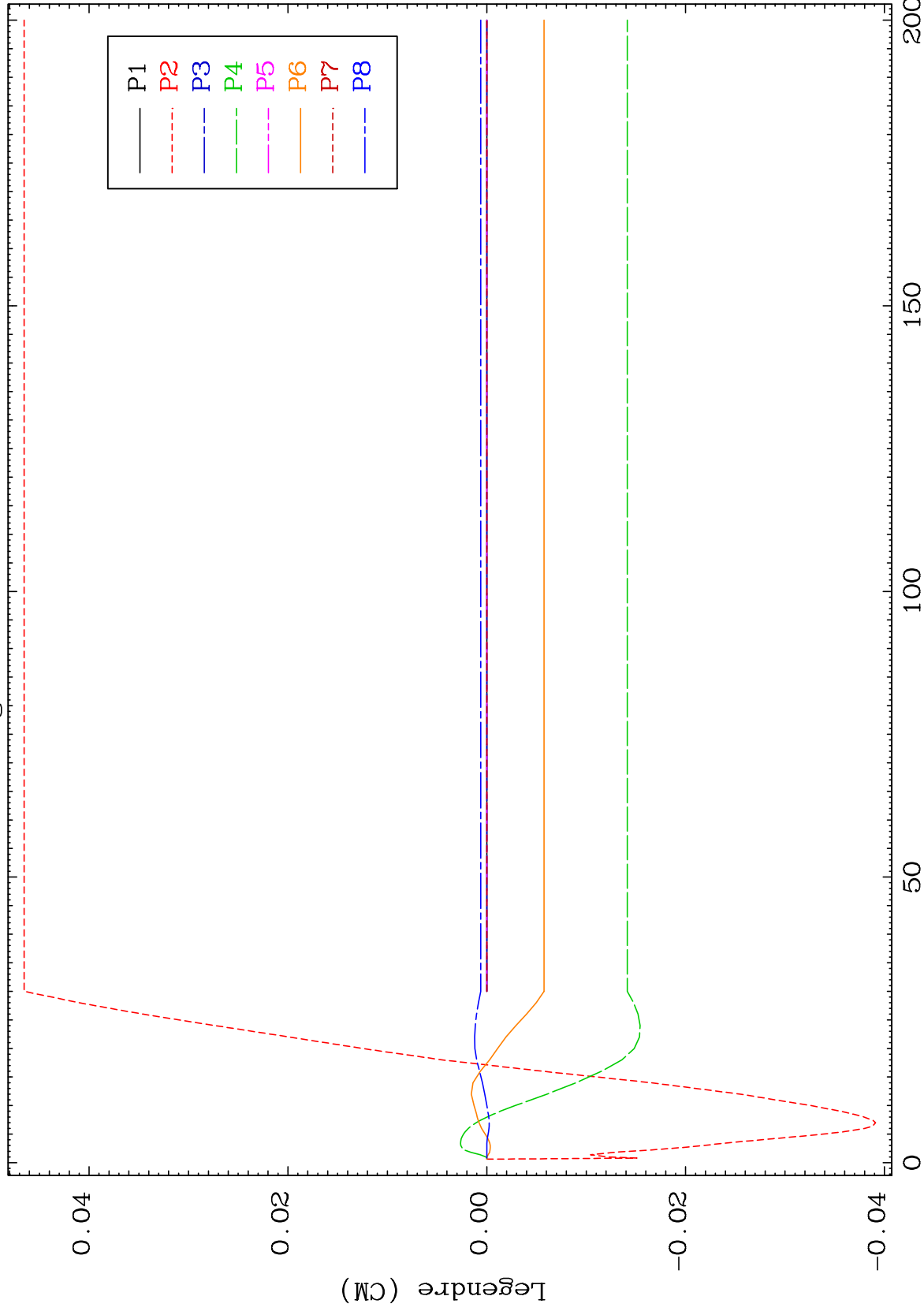
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



91

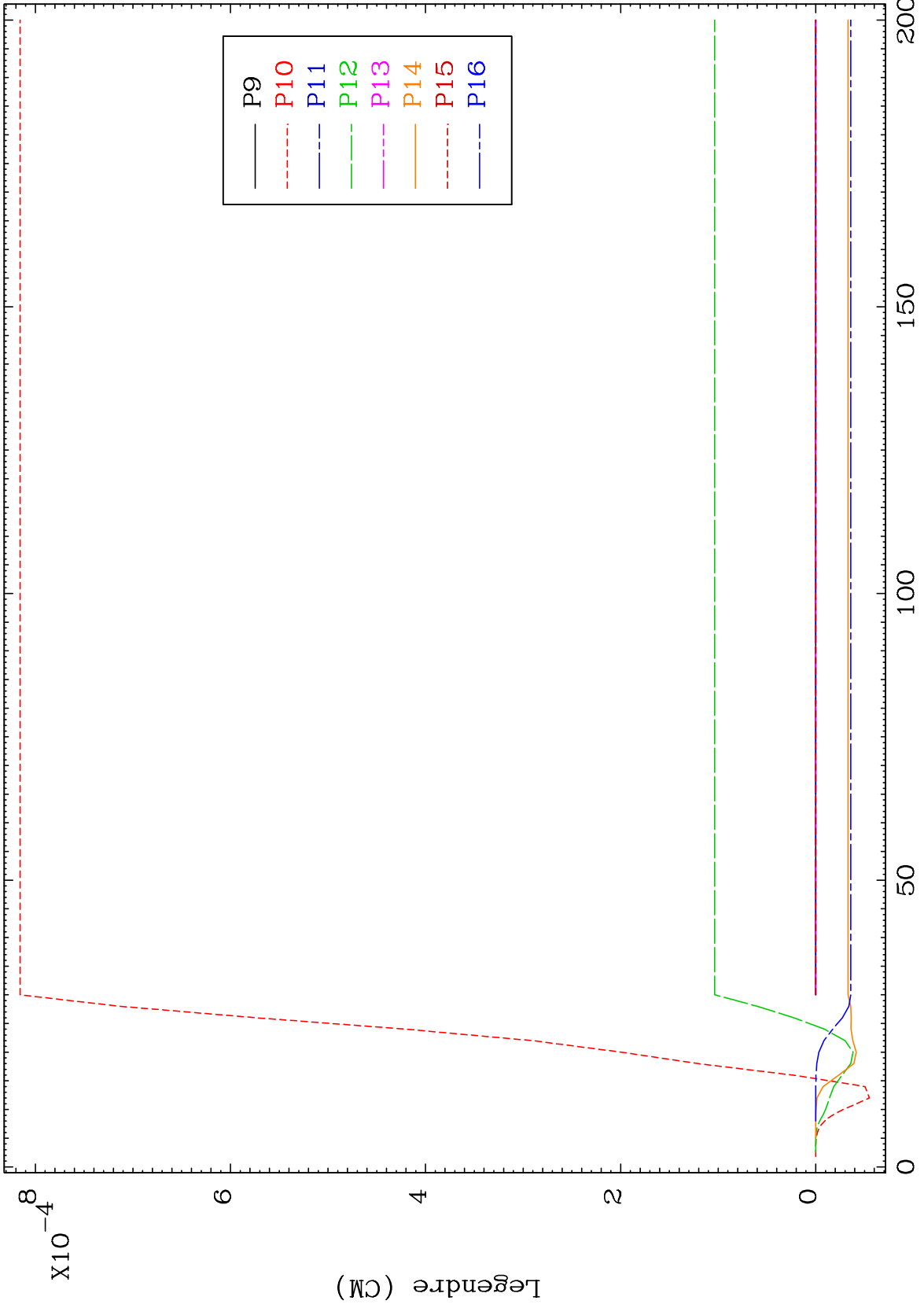
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104

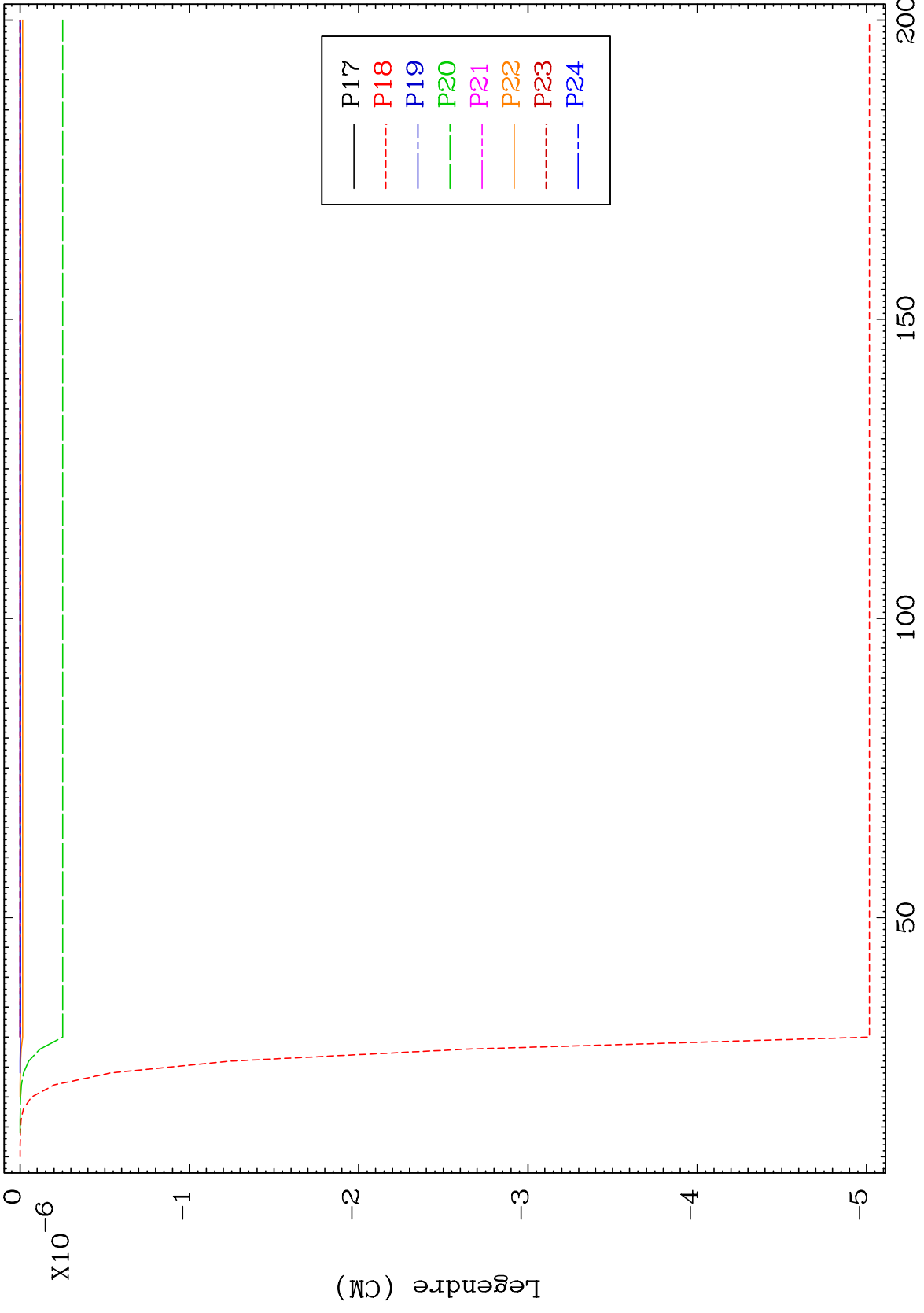


92

Incident Energy (MeV)

41-Nb-104

MAT 4158 MT= 72 (n,n') Level Legendre Coefficients 41-Nb-104

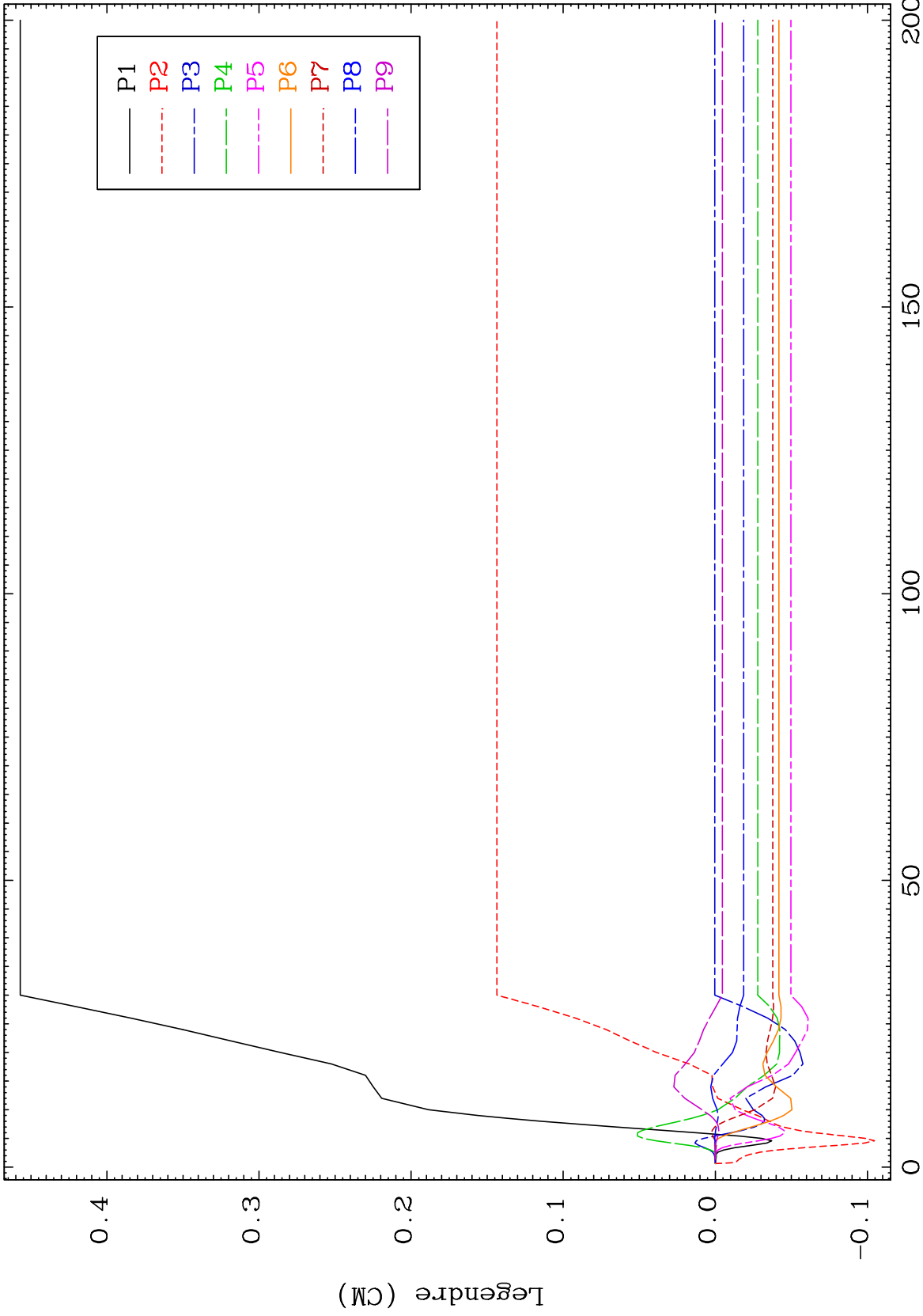


93 41-Nb-104

MAT 4158

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

41-Nb-104

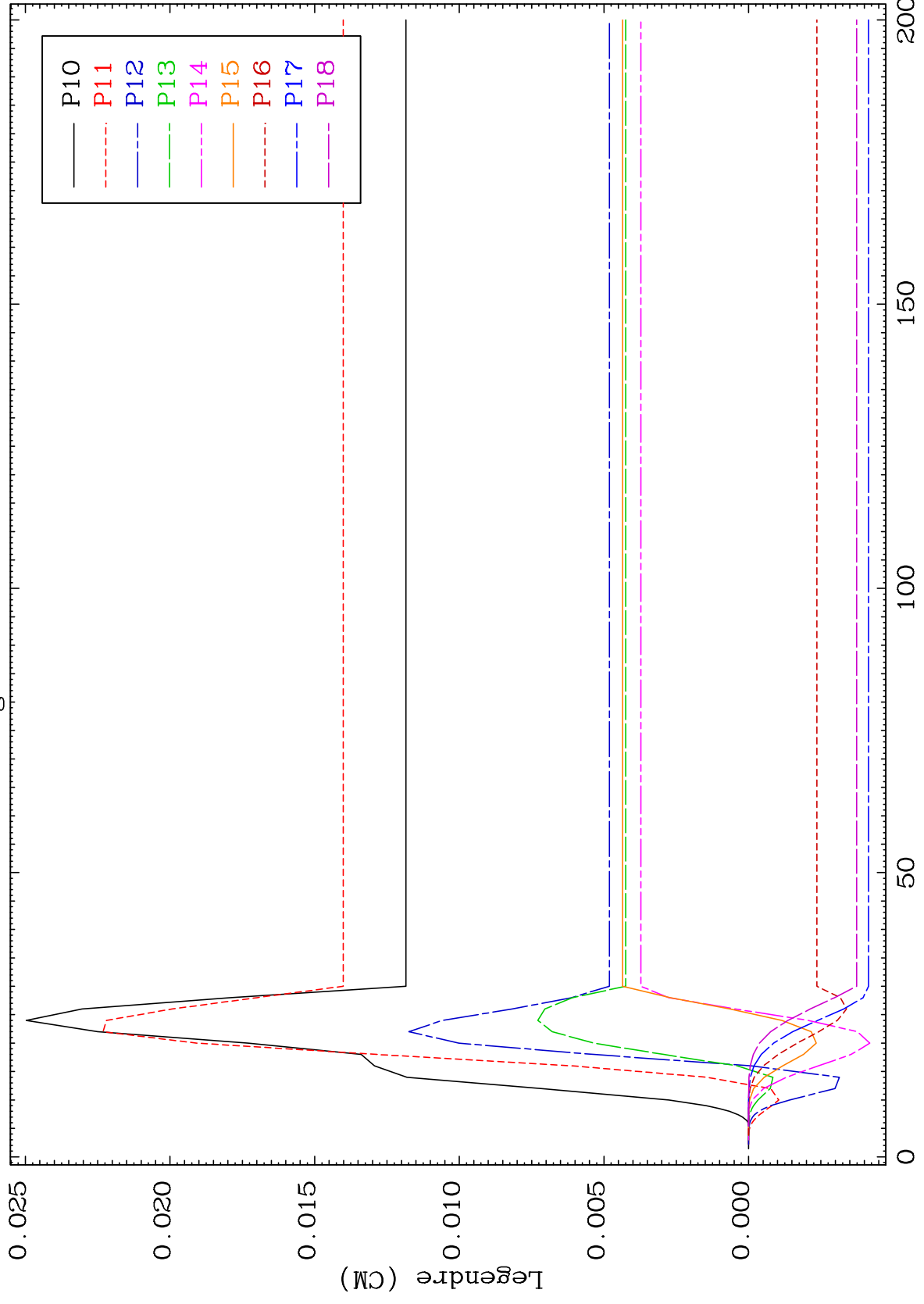


94

Incident Energy (MeV)

41-Nb-104

MAT 4158 MT= 73 (n,n') Level Legendre Coefficients 41-Nb-104



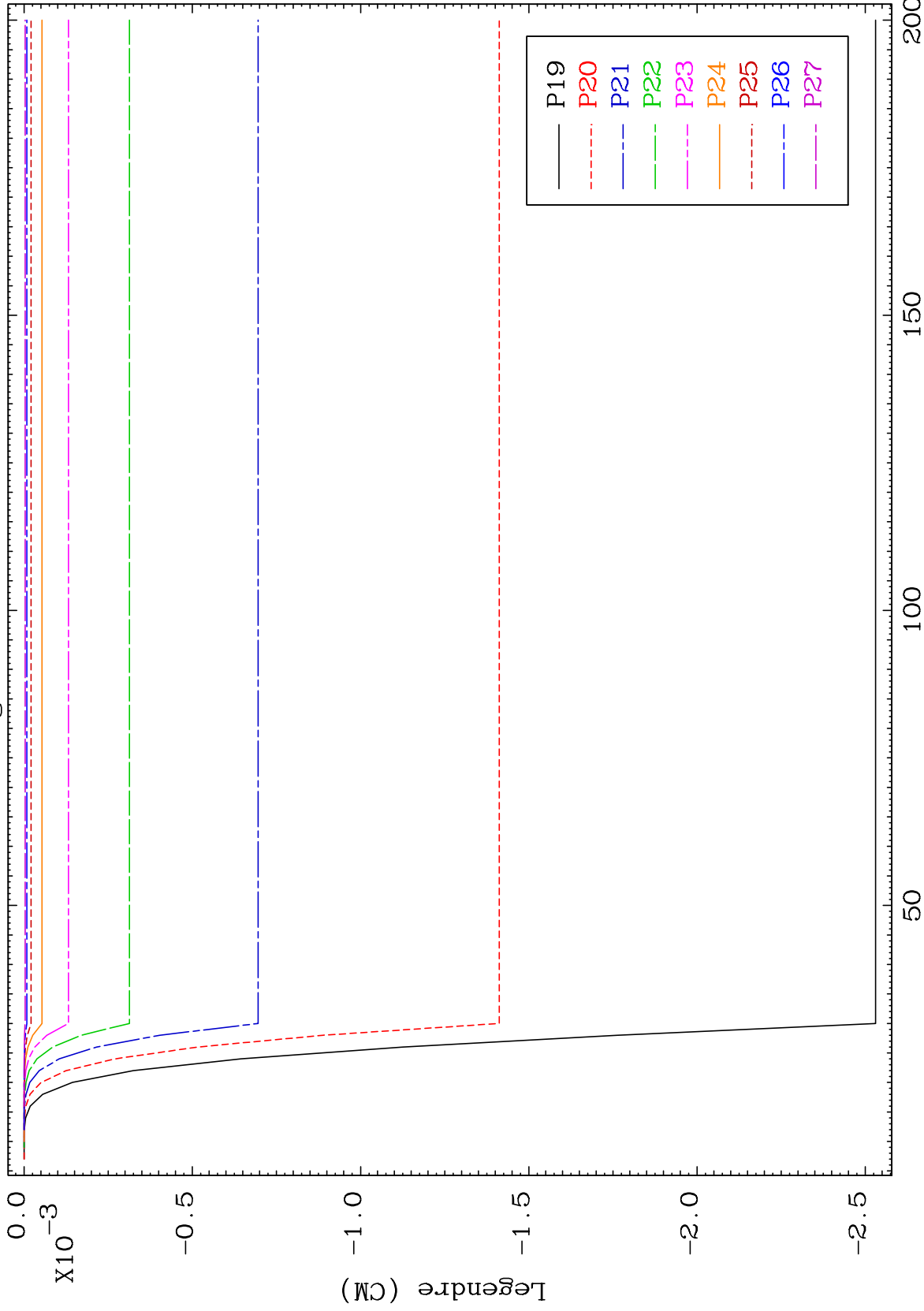
95 41-Nb-104



MAT 4158

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

41-Nb-104



96

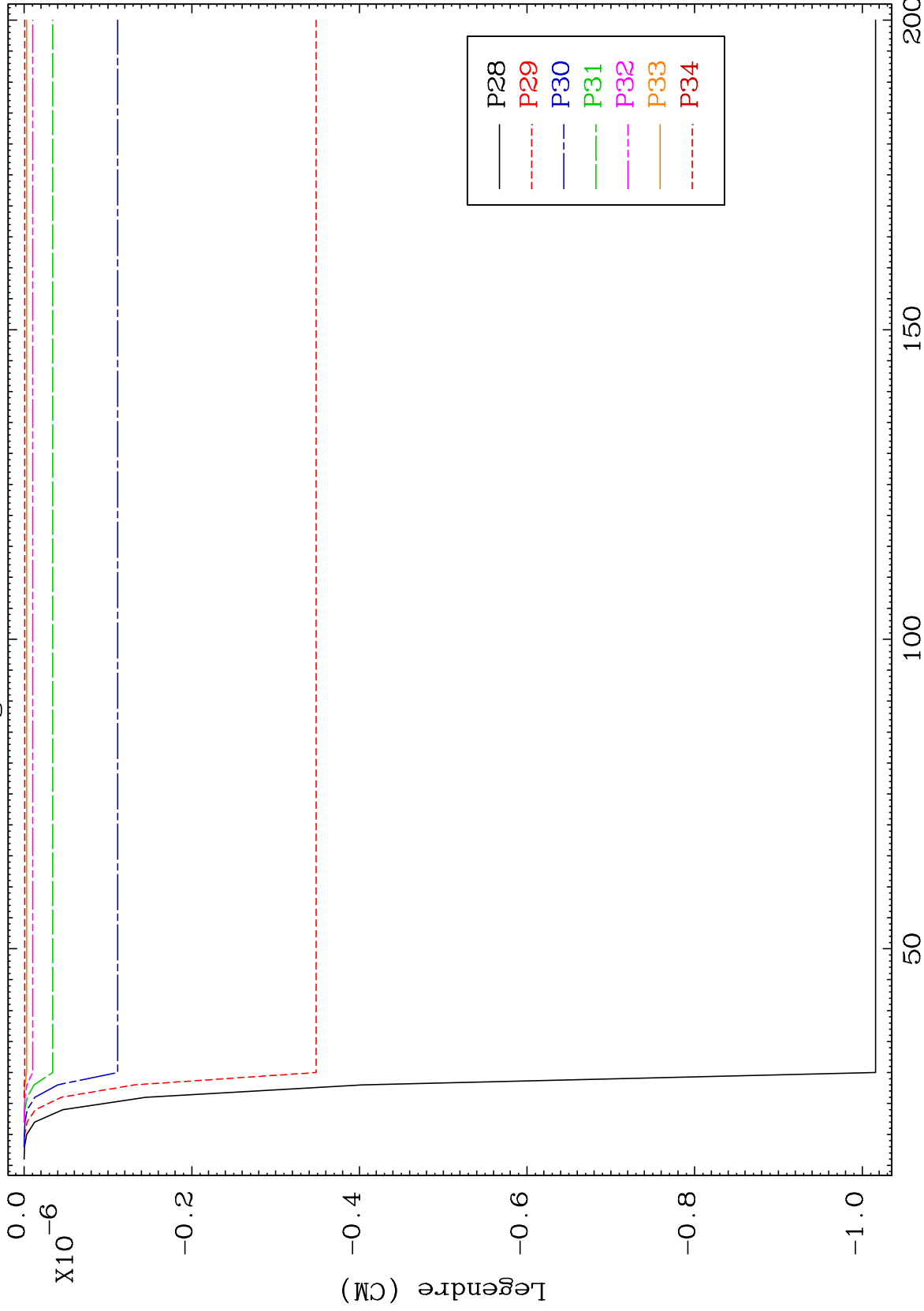
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



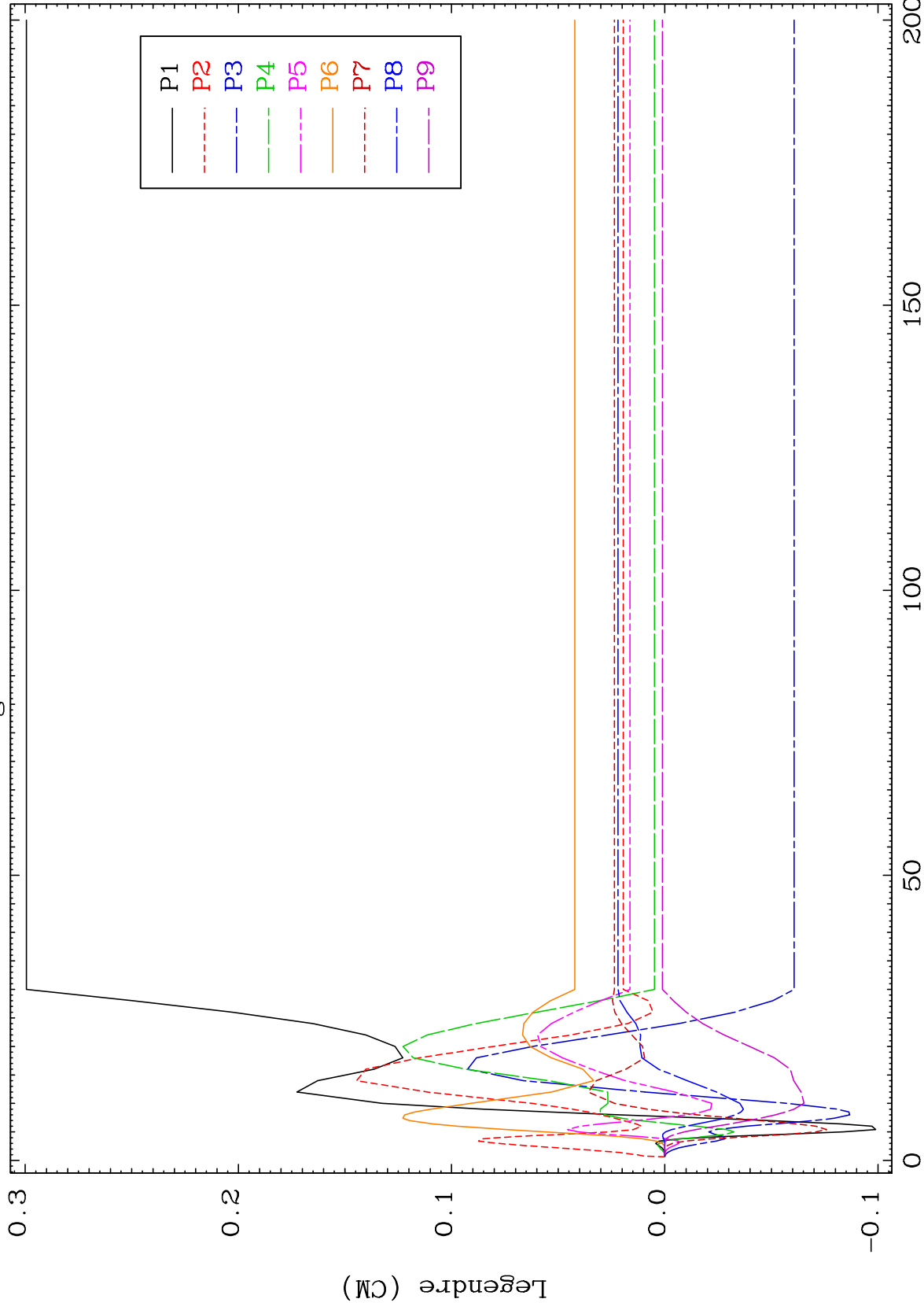
97

41-Nb-104

MAT 4158

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

41-Nb-104



98

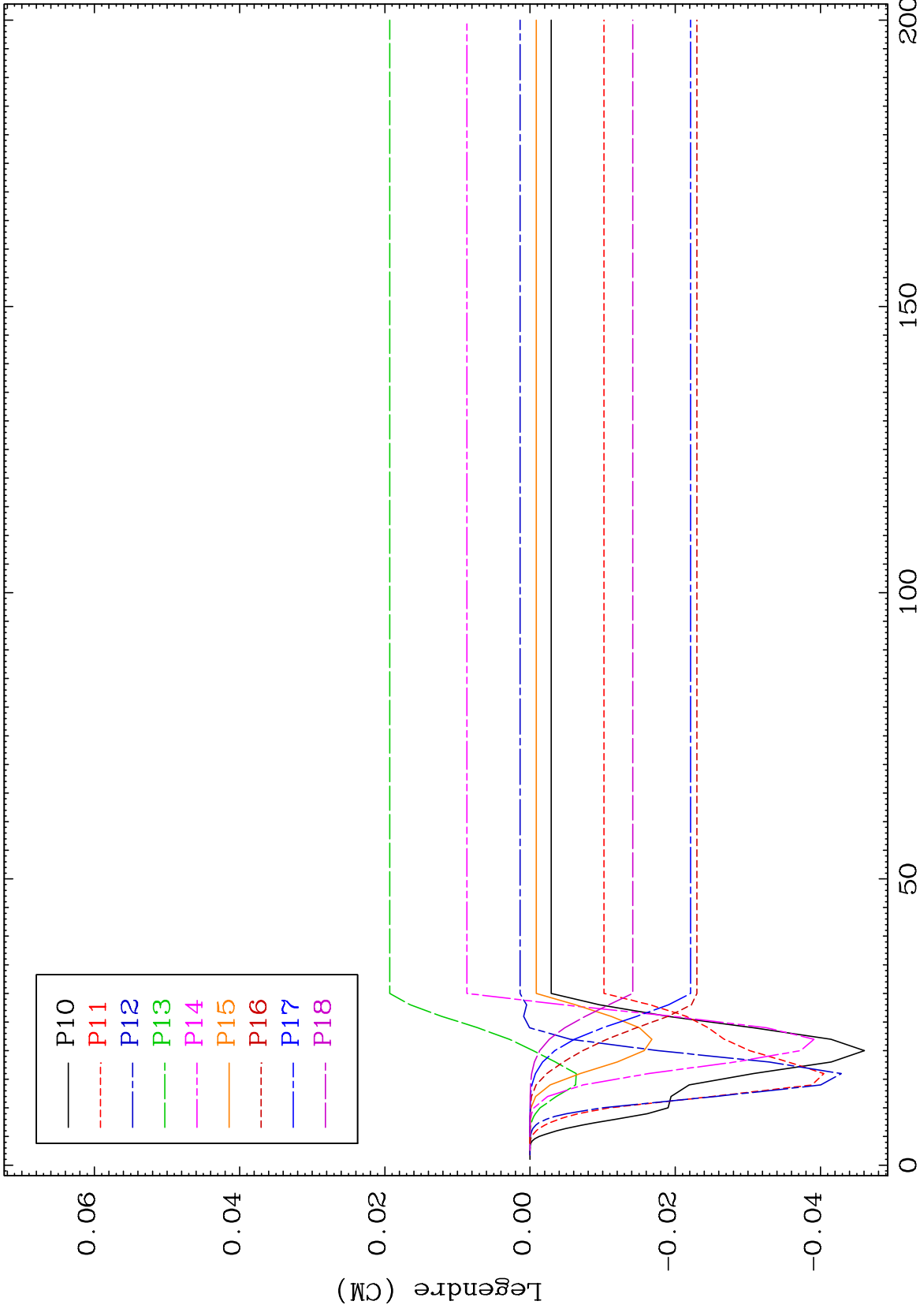
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104

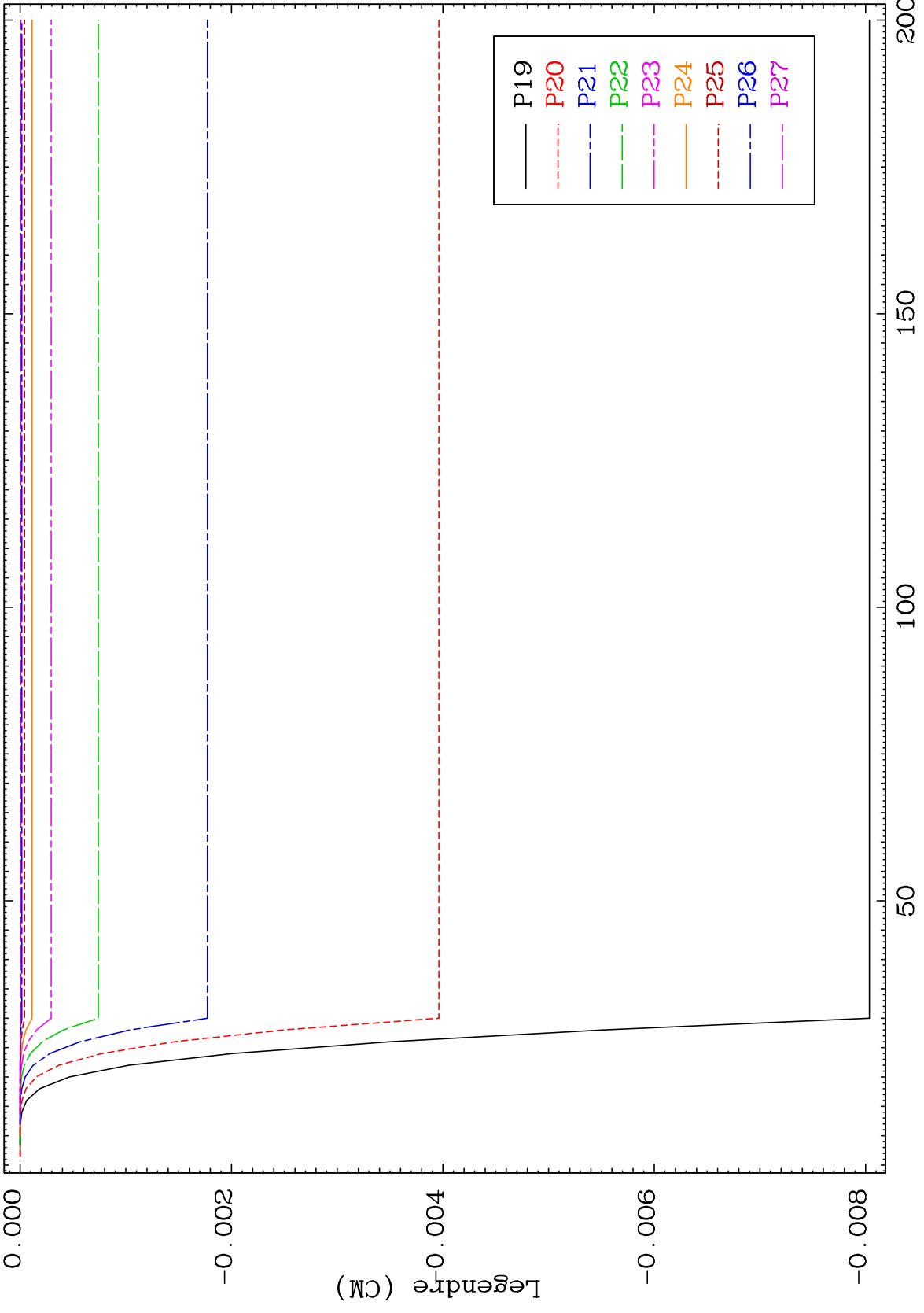


99

Incident Energy (MeV)

41-Nb-104

MAT 4158 MT= 74 (n,n') Level Legendre Coefficients 41-Nb-104

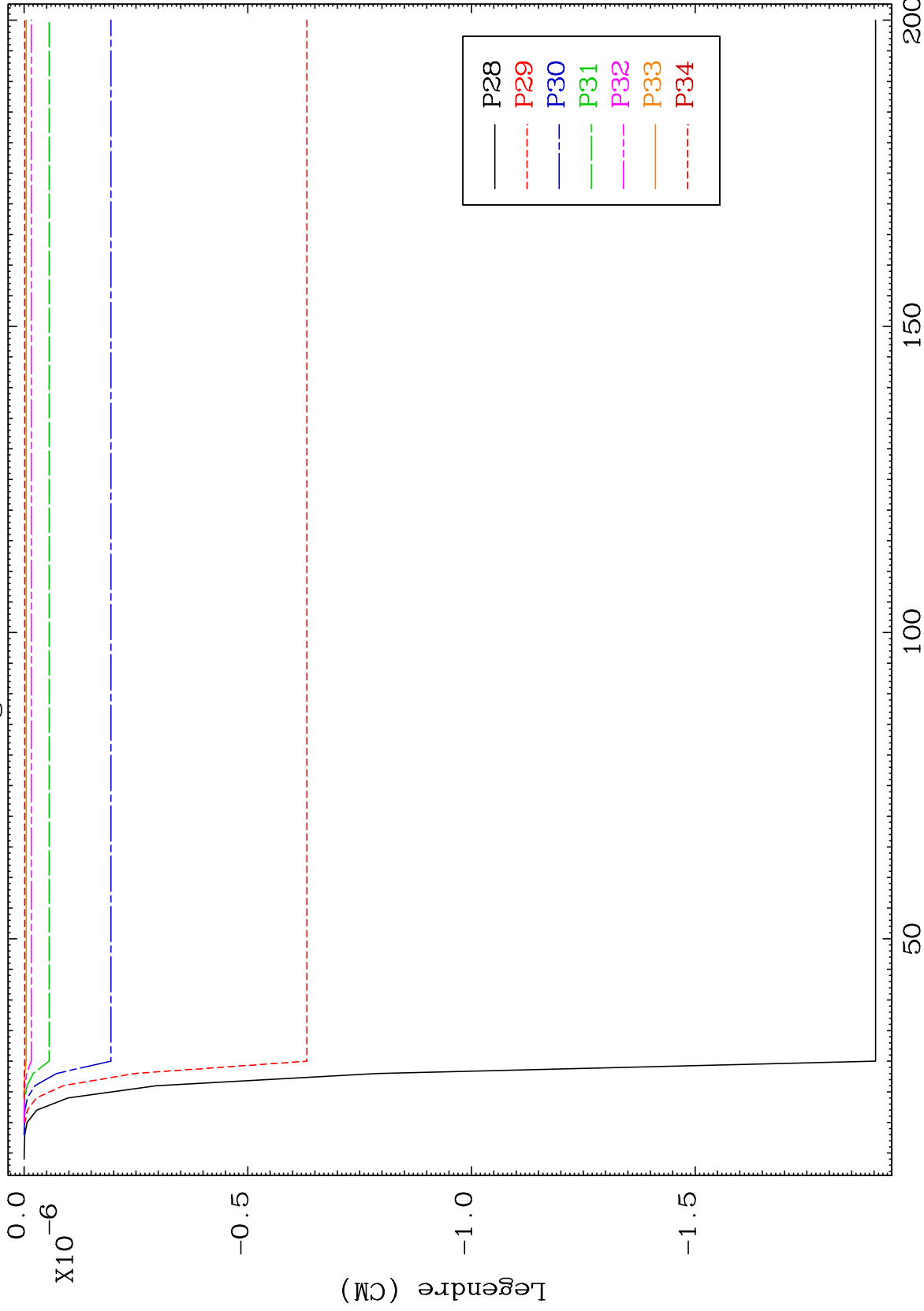


100 50 100 150 200 Incident Energy (MeV) 41-Nb-104

MAT 4158

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

41-Nb-104



41-Nb-104

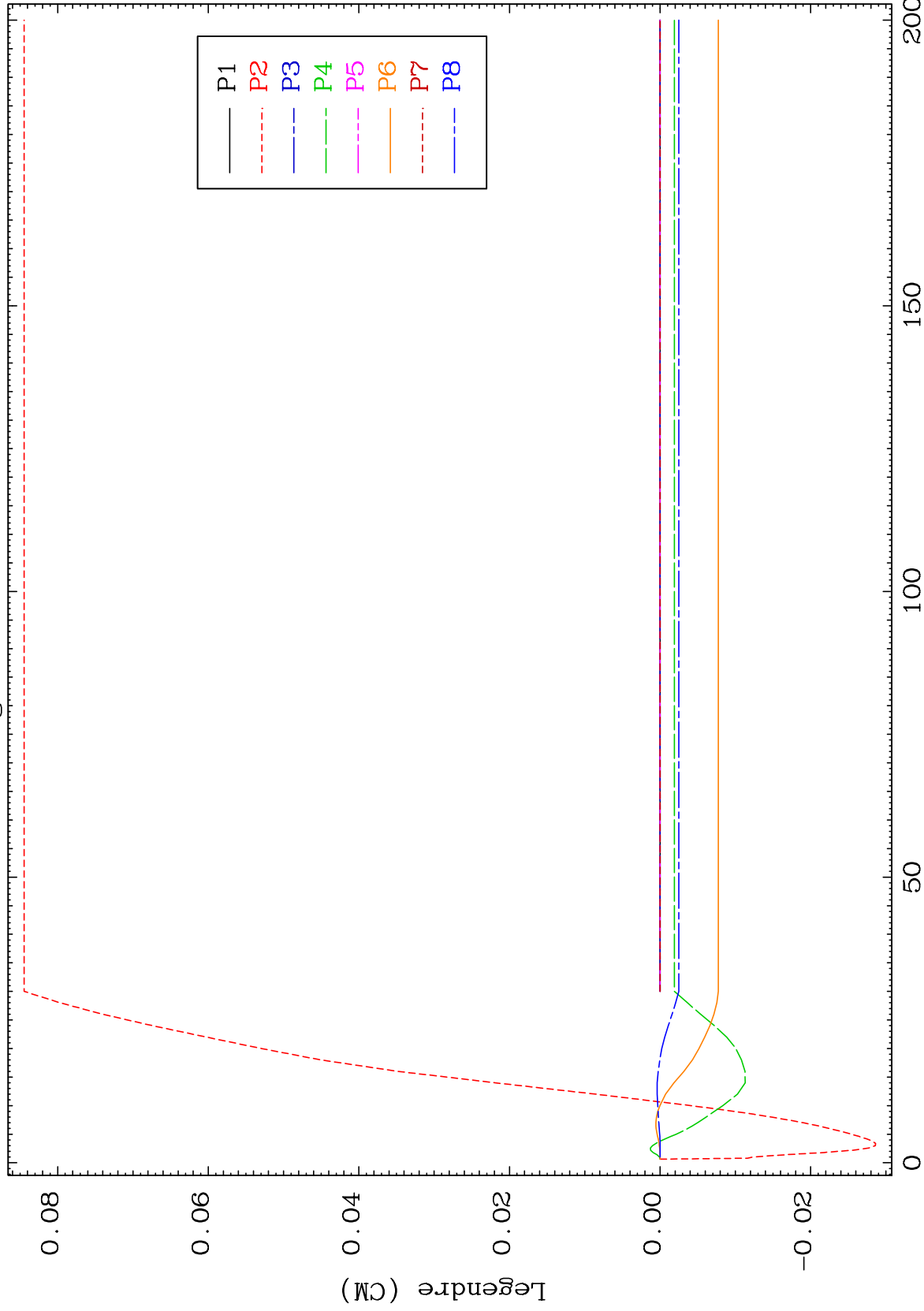
Incident Energy (MeV)

101

MAT 4158

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

41-Nb-104



41-Nb-104

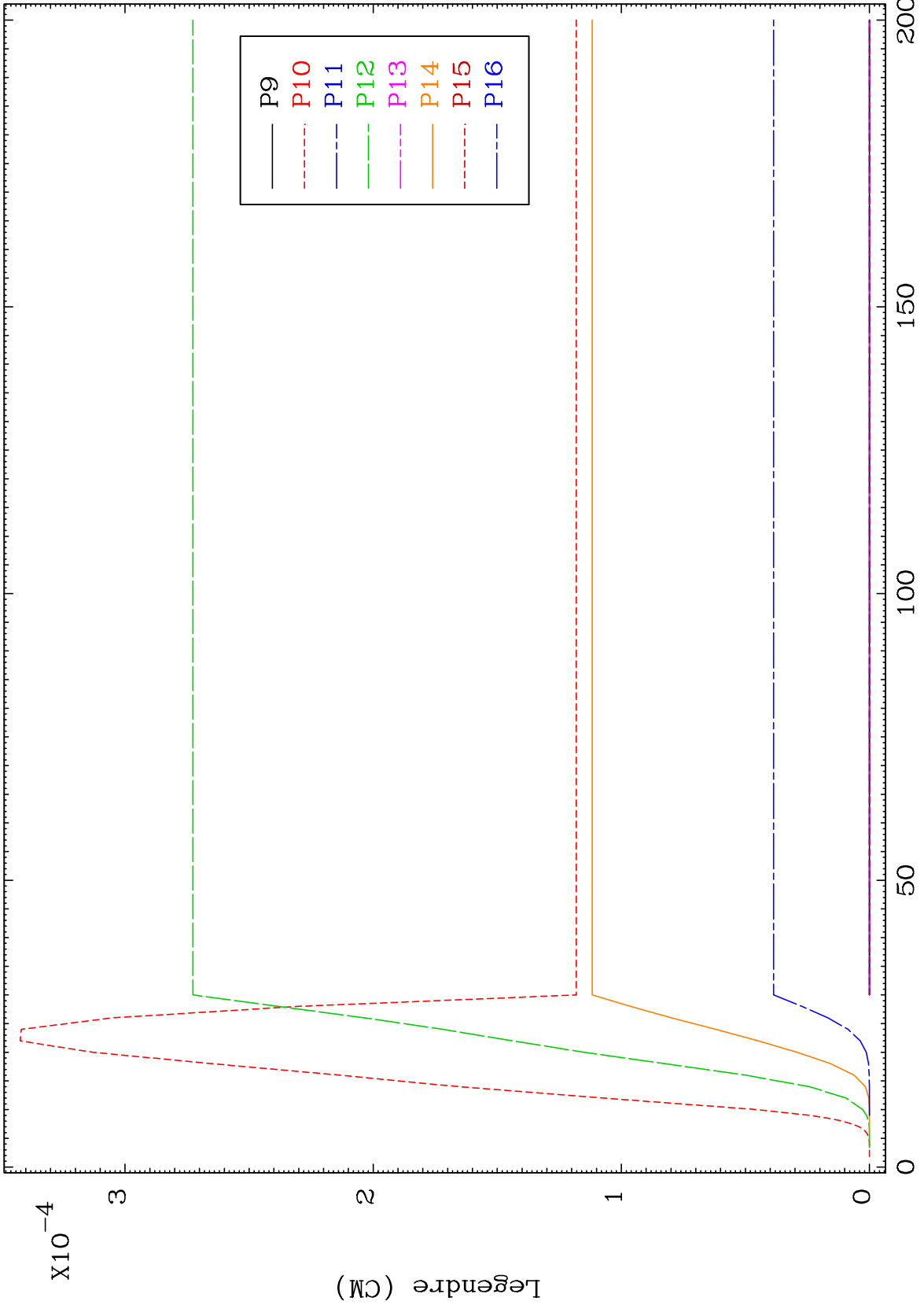
Incident Energy (MeV)

102

MAT 4158

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

41-Nb-104



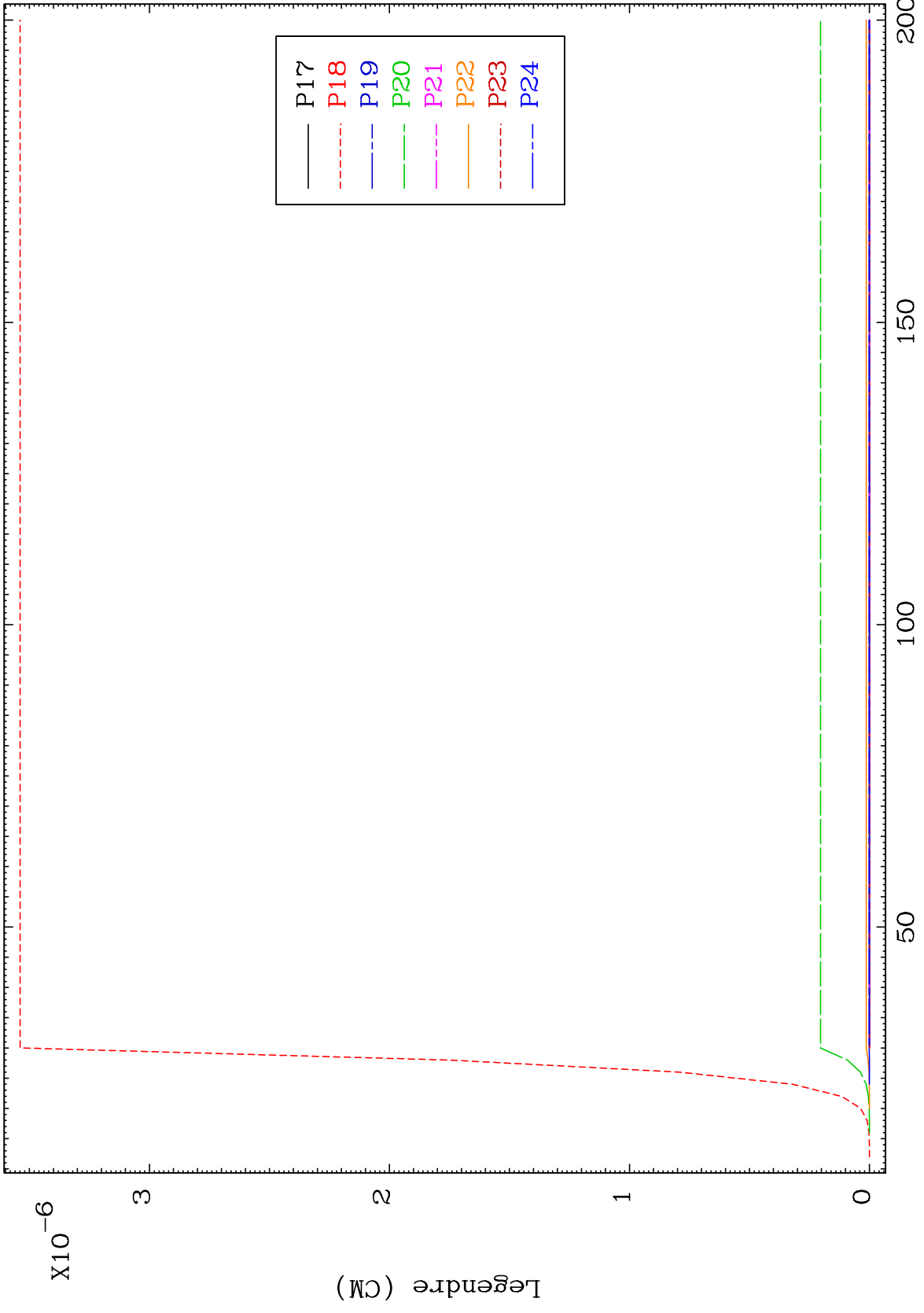
103

41-Nb-104

41-Nb-104



MAT 4158 MT= 75 (n,n') Level Legendre Coefficients 41-Nb-104

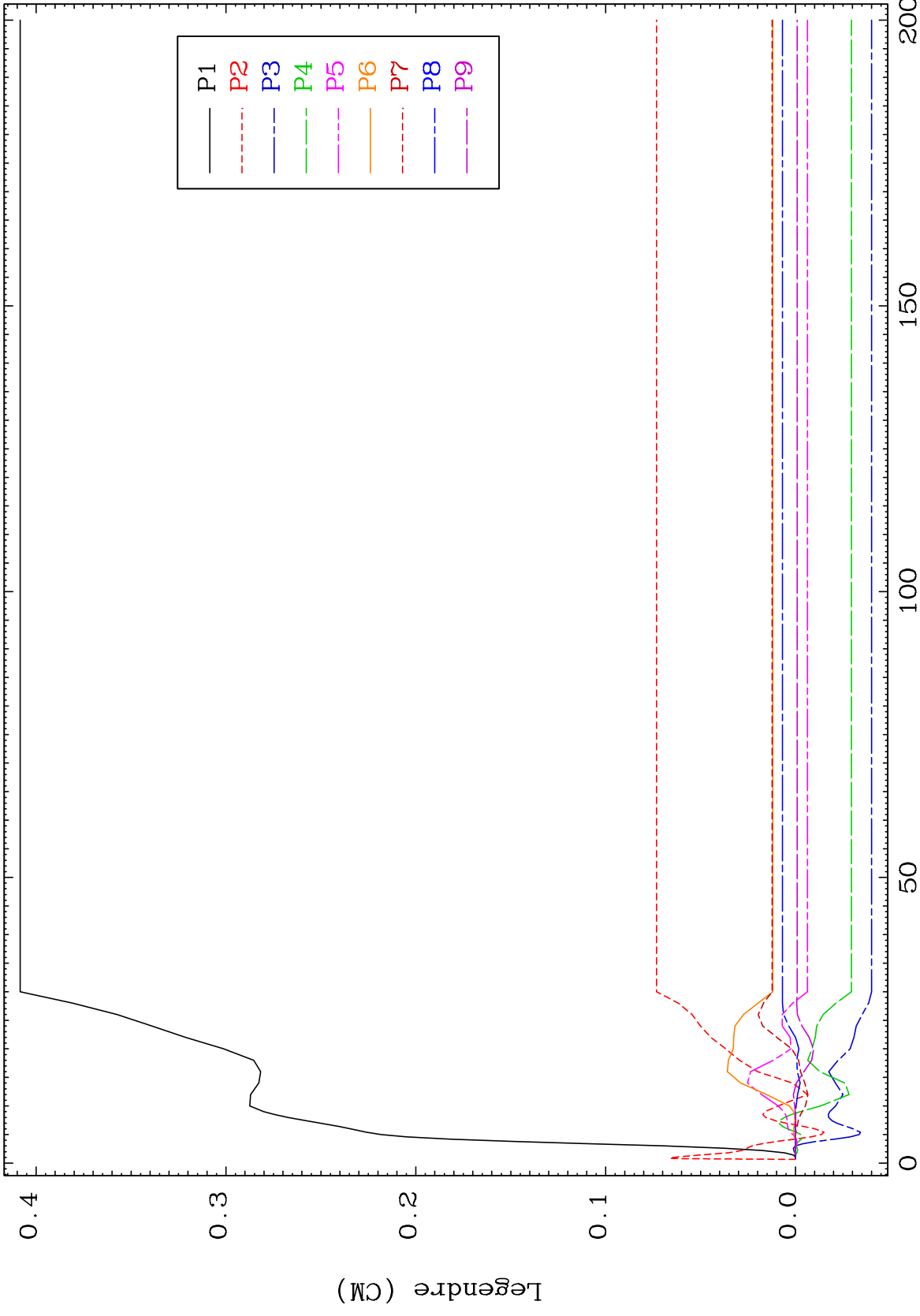


104 50 100 150 200 41-Nb-104

MAT 4158

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

41-Nb-104



41-Nb-104

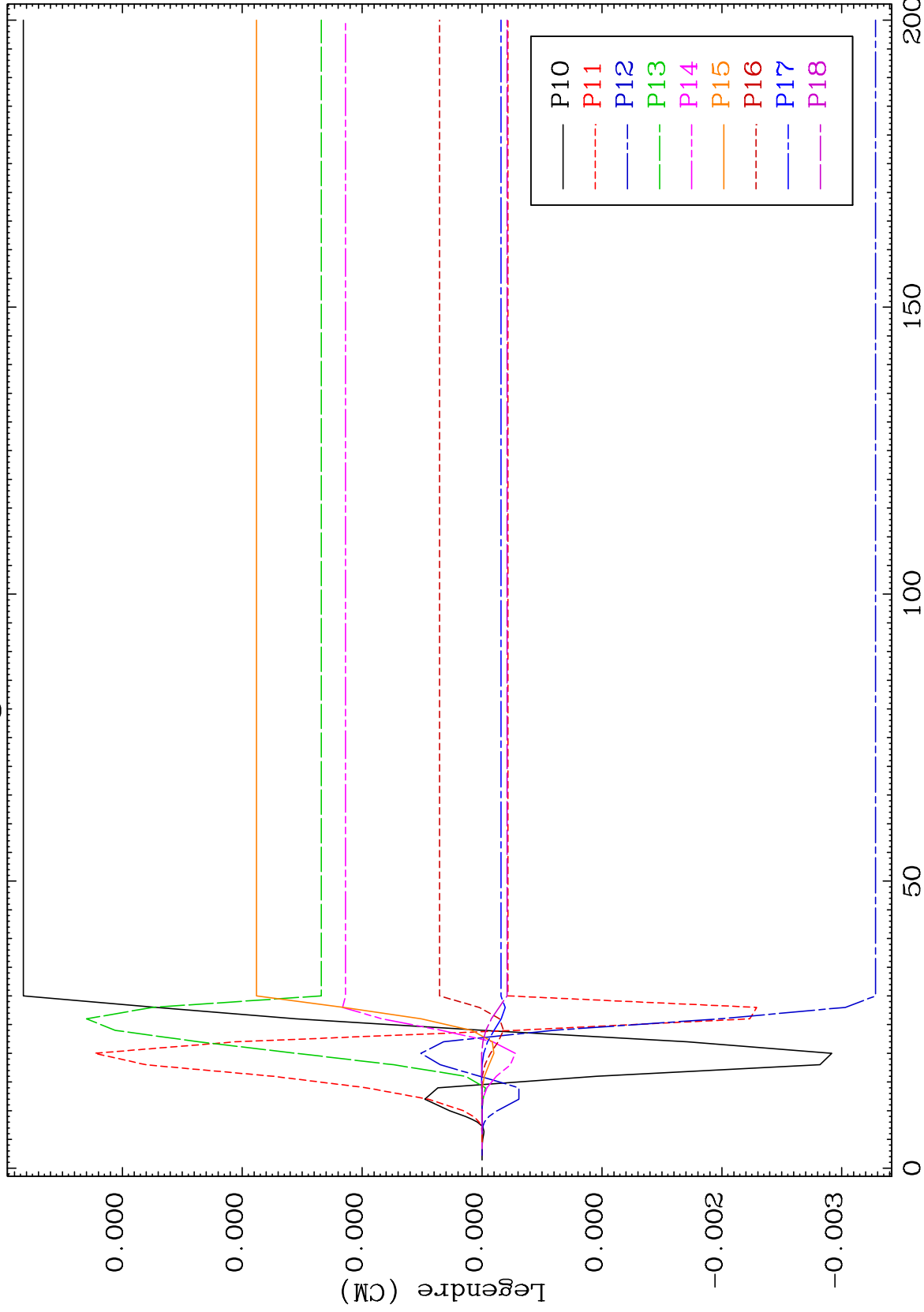
Incident Energy (MeV)

105

MAT 4158

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

41-Nb-104



106

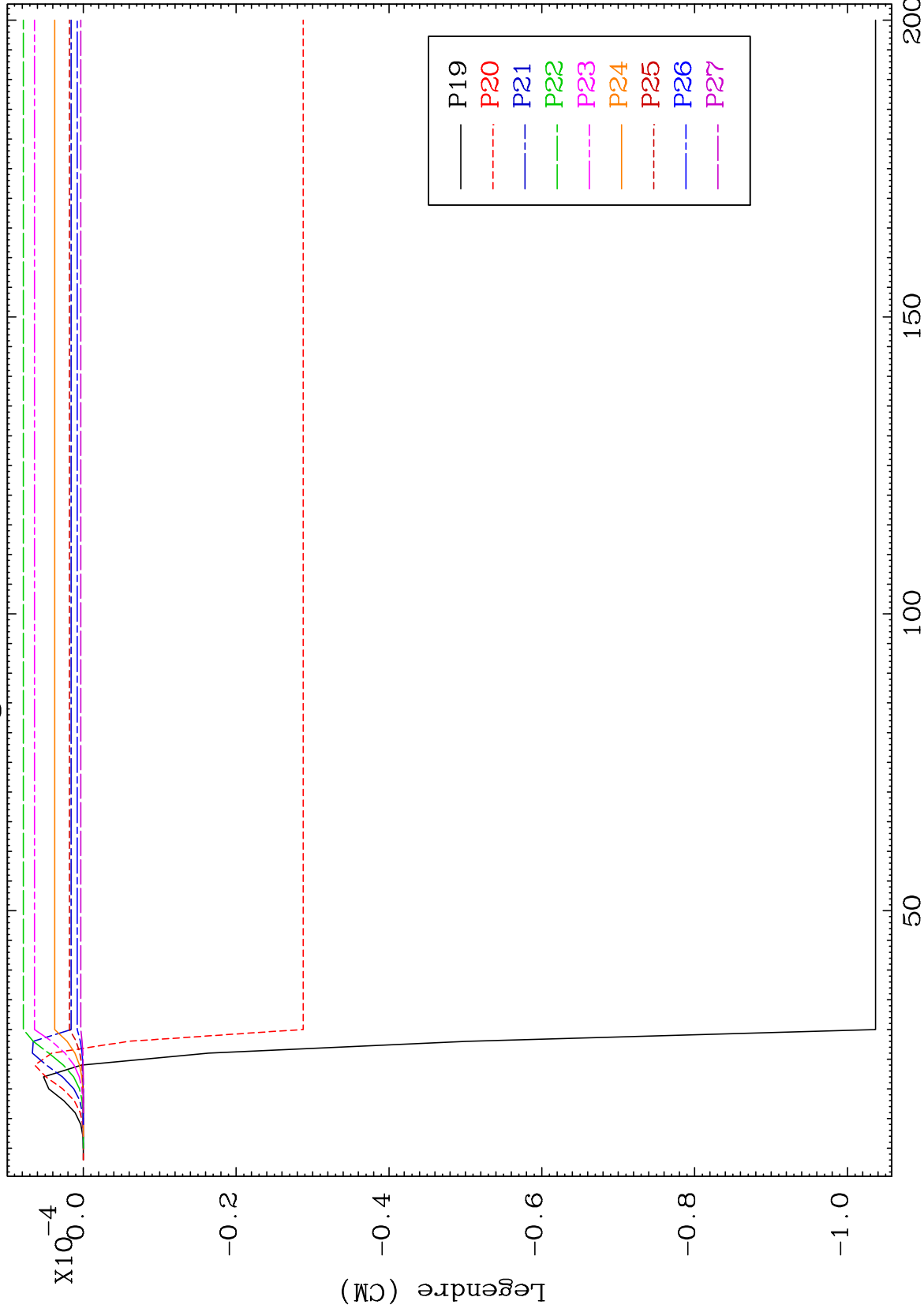
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



107

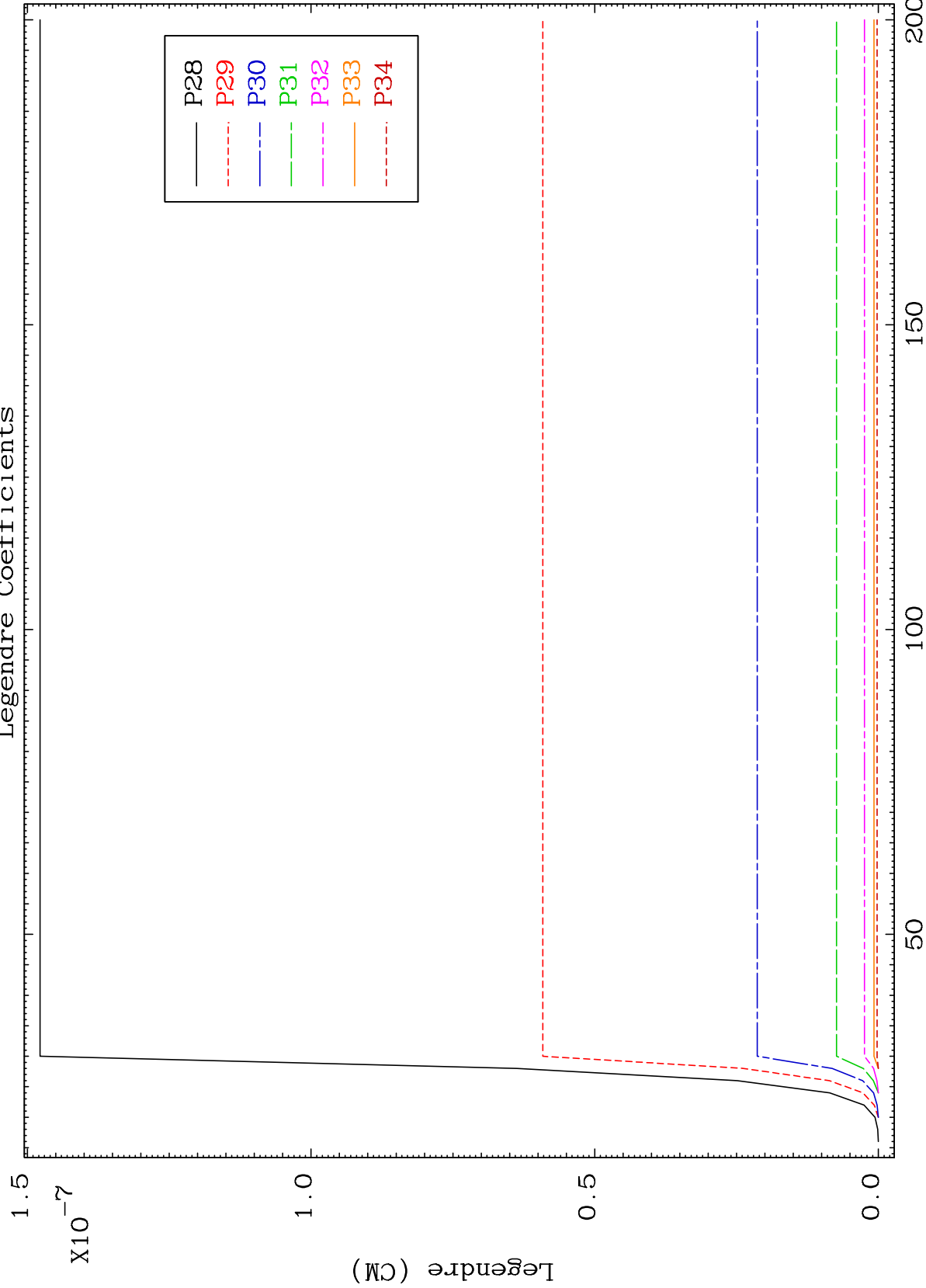
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104

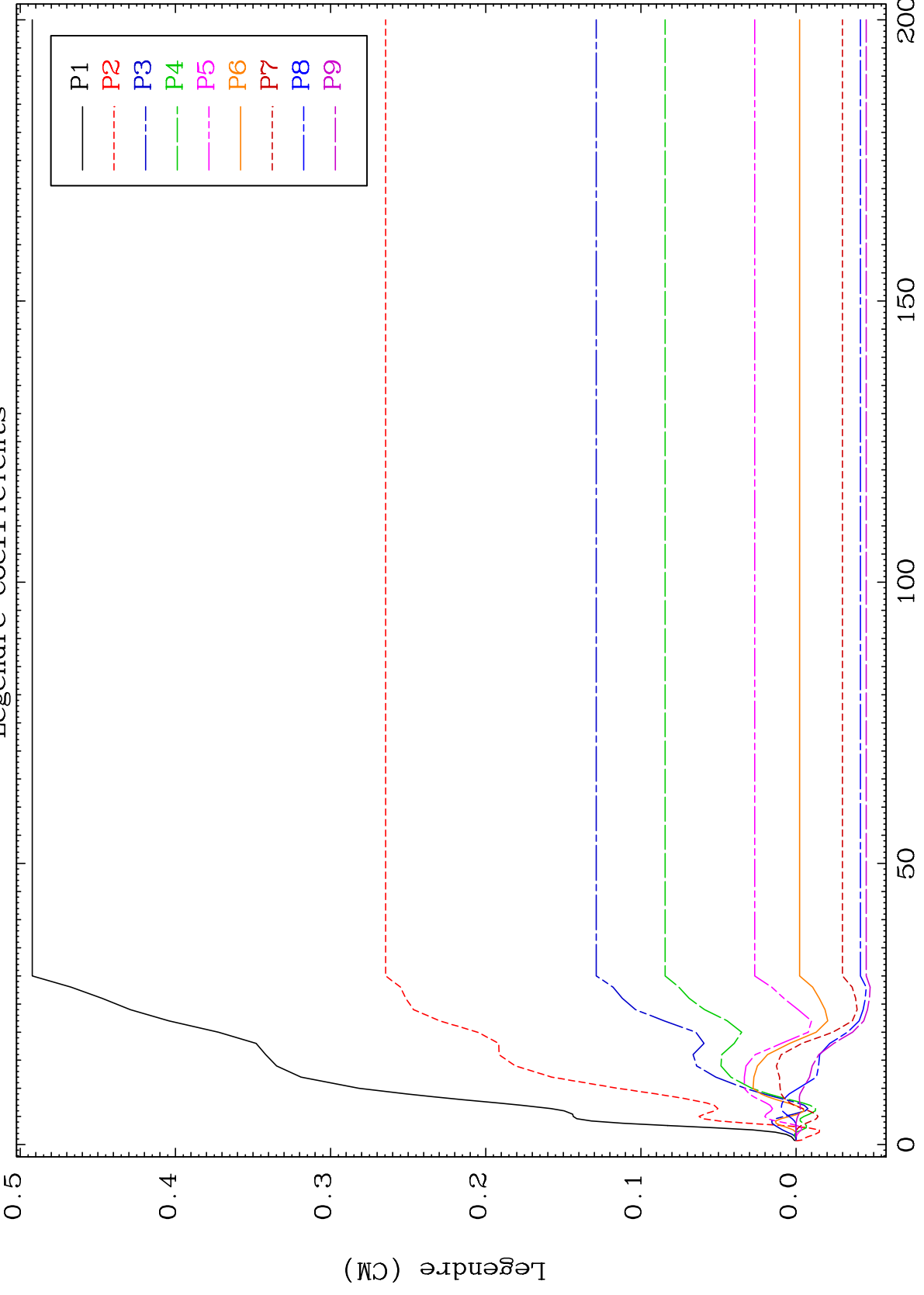


108

Incident Energy (MeV)

41-Nb-104

MAT 4158 MT= 77 (n,n') Level Legendre Coefficients 41-Nb-104

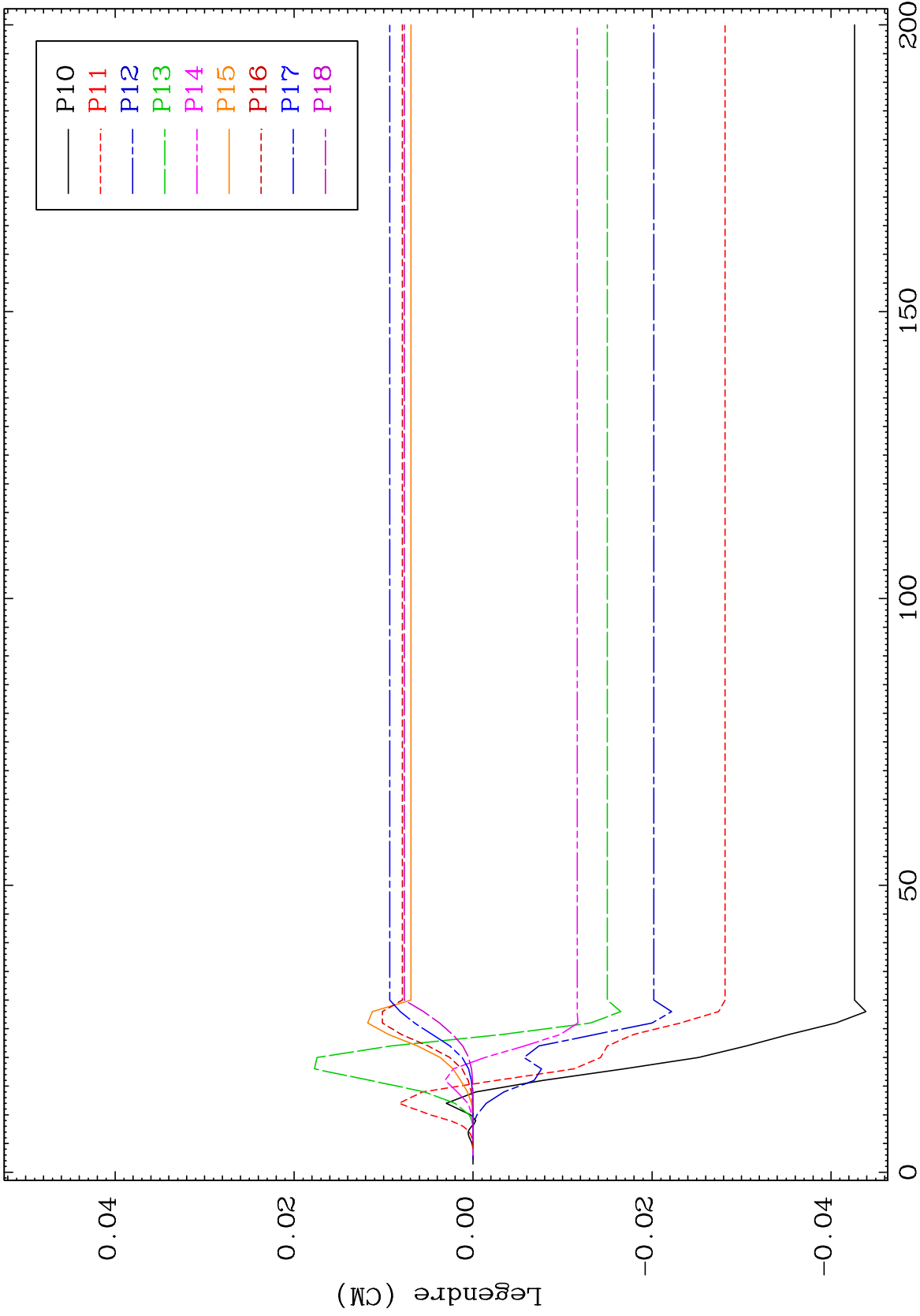


109 41-Nb-104

MAT 4158

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

41-Nb-104



110

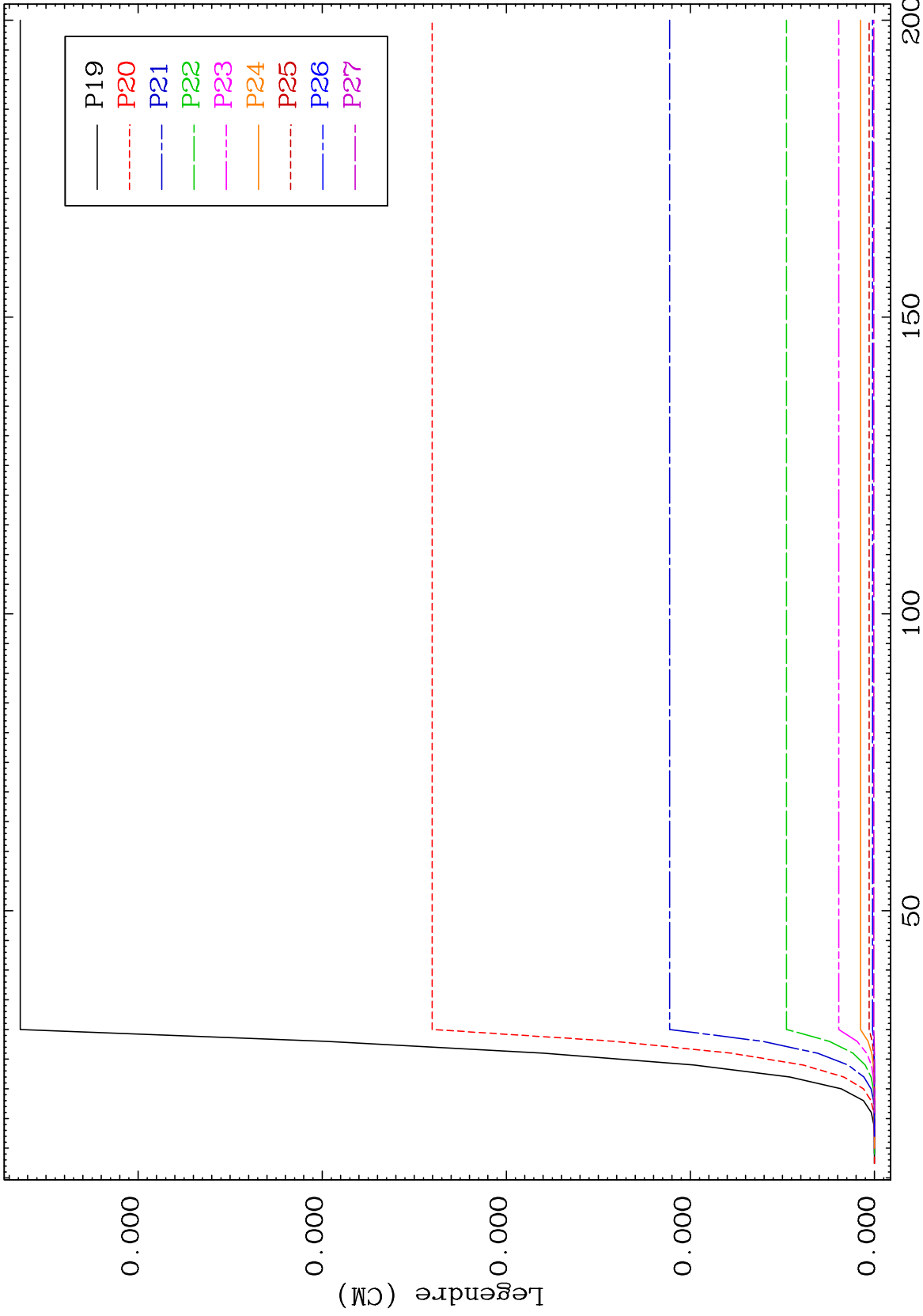
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



111

Incident Energy (MeV)

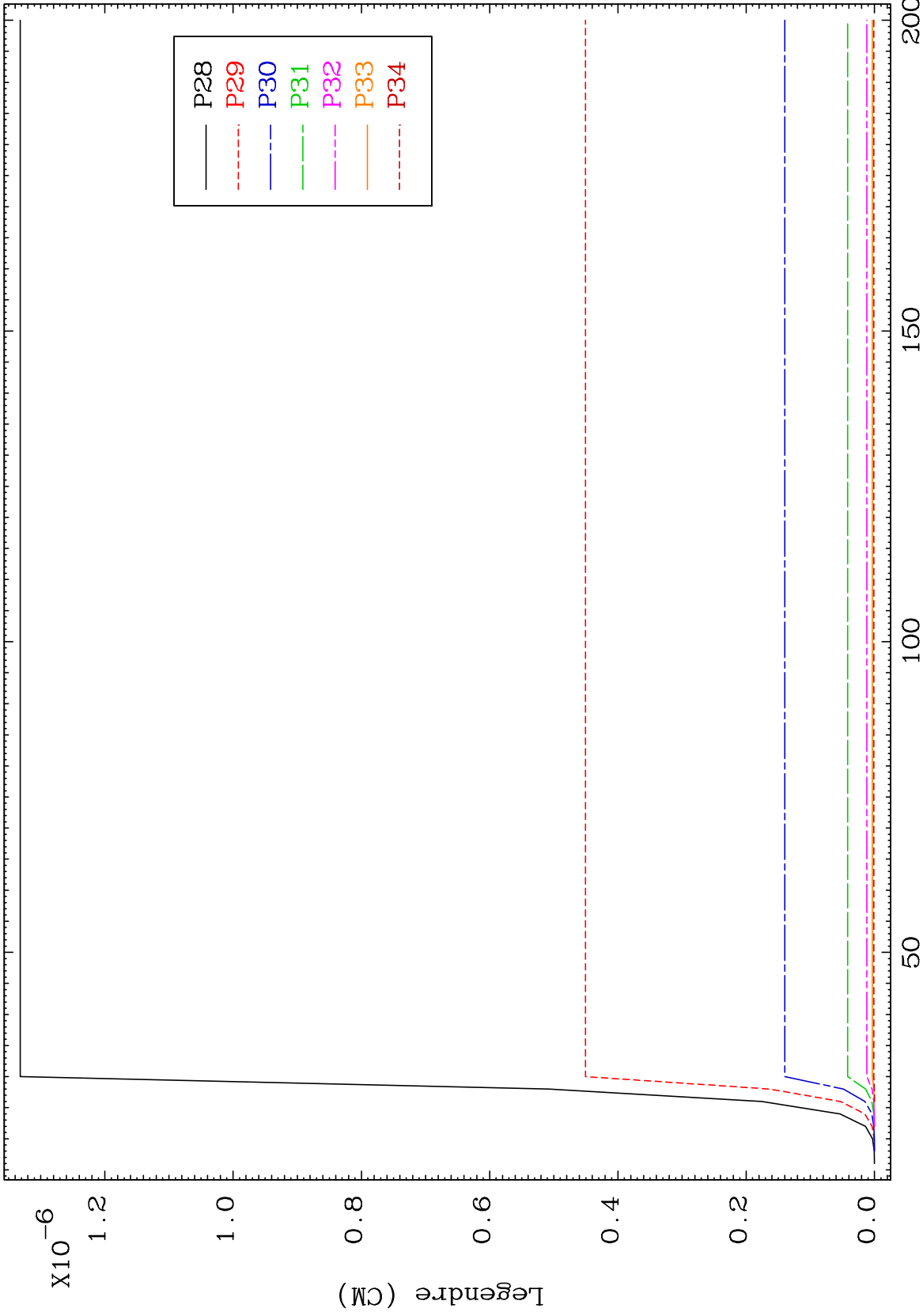
41-Nb-104



MAT 4158

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

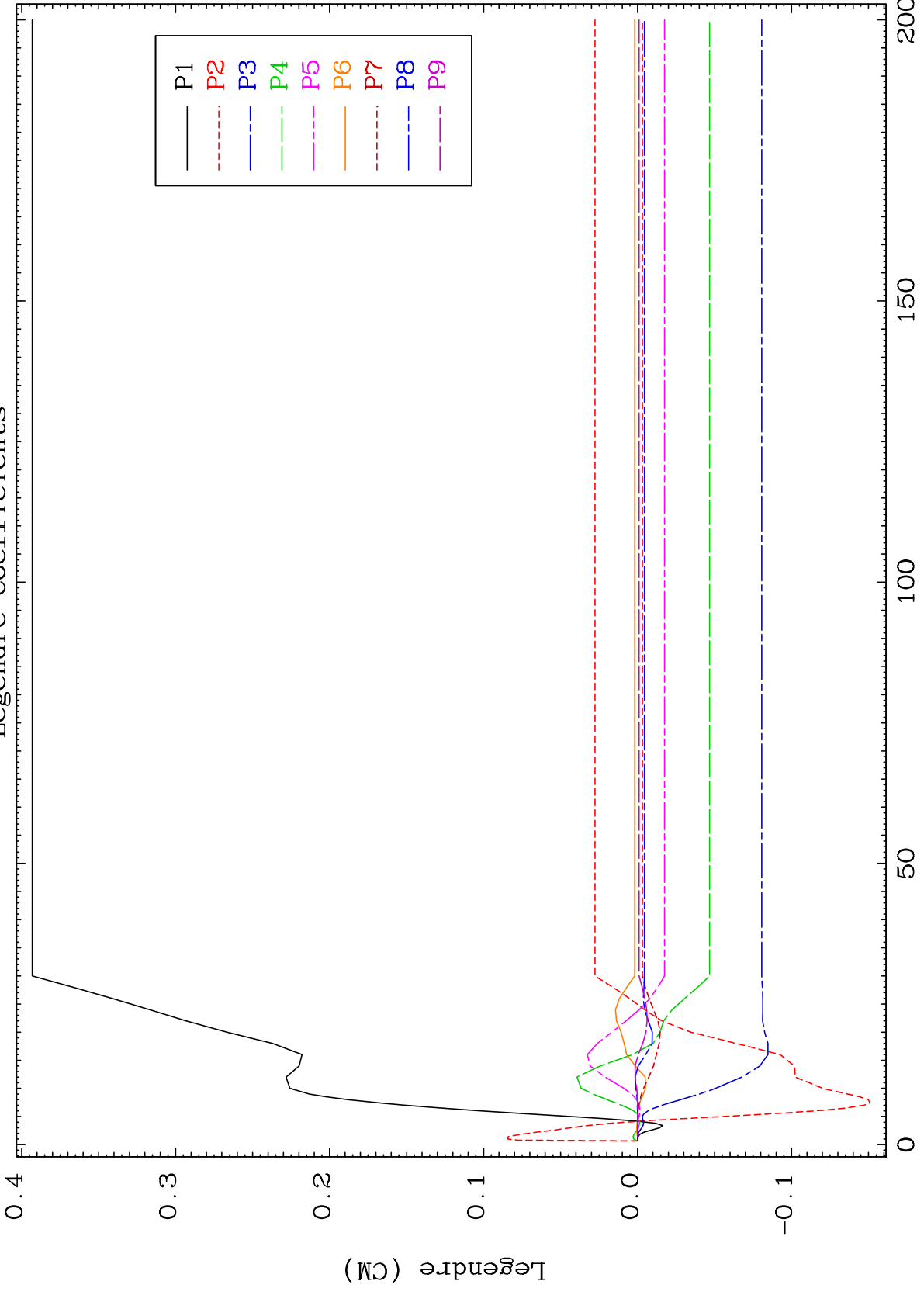
41-Nb-104



112

41-Nb-104

MAT 4158 MT= 78 (n,n') Level Legendre Coefficients 41-Nb-104

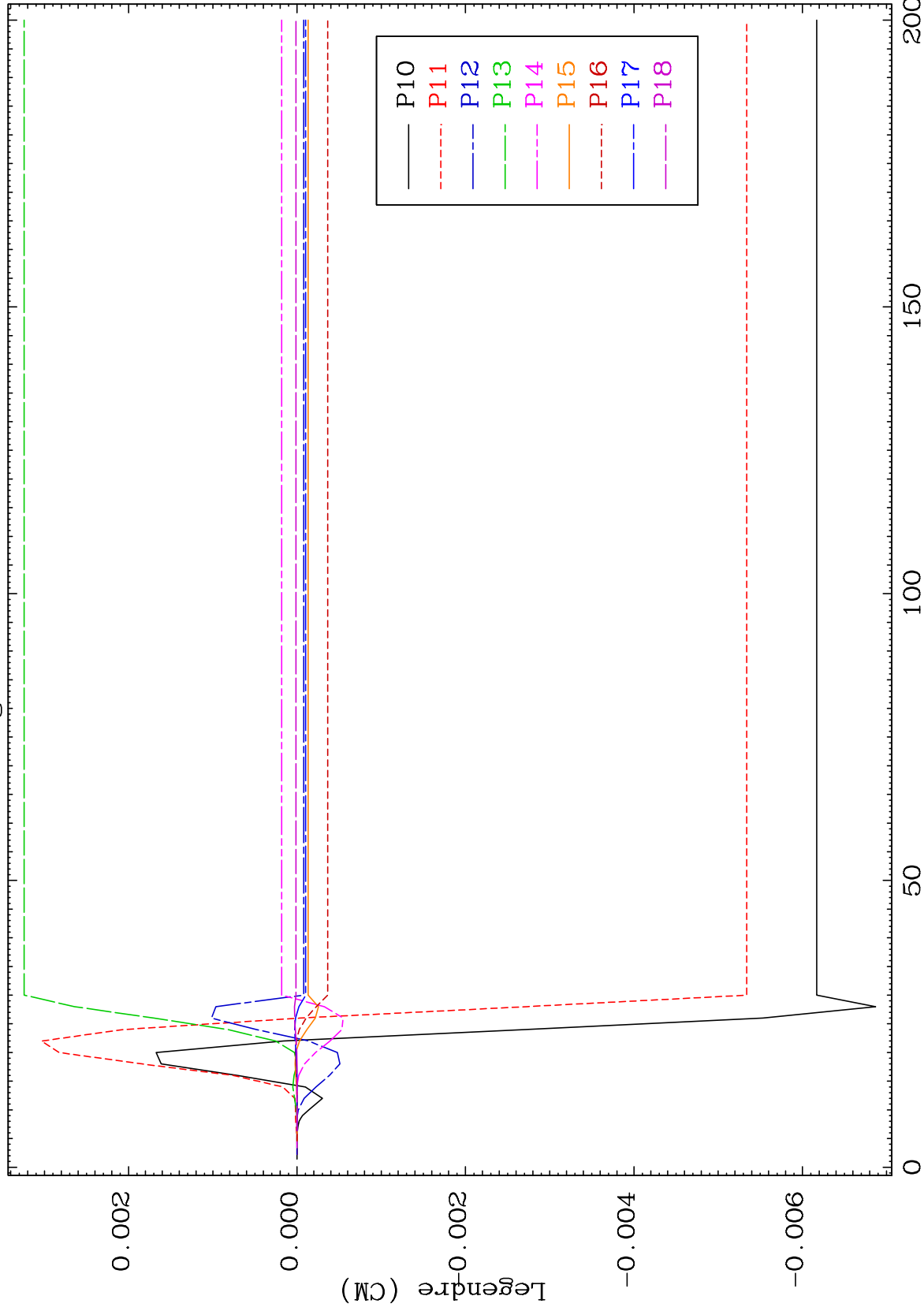


113 41-Nb-104

MAT 4158

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

41-Nb-104



114

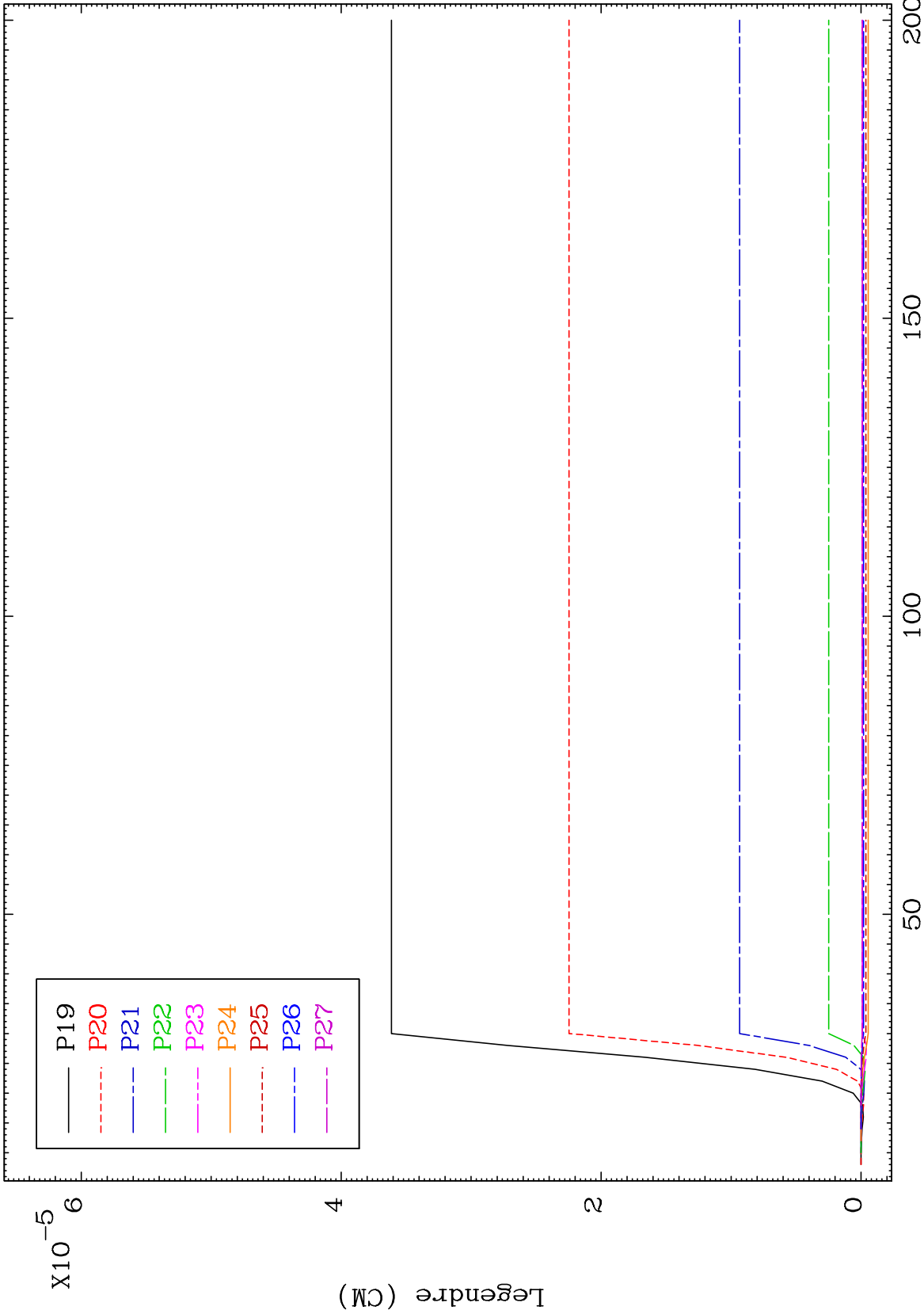
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



115

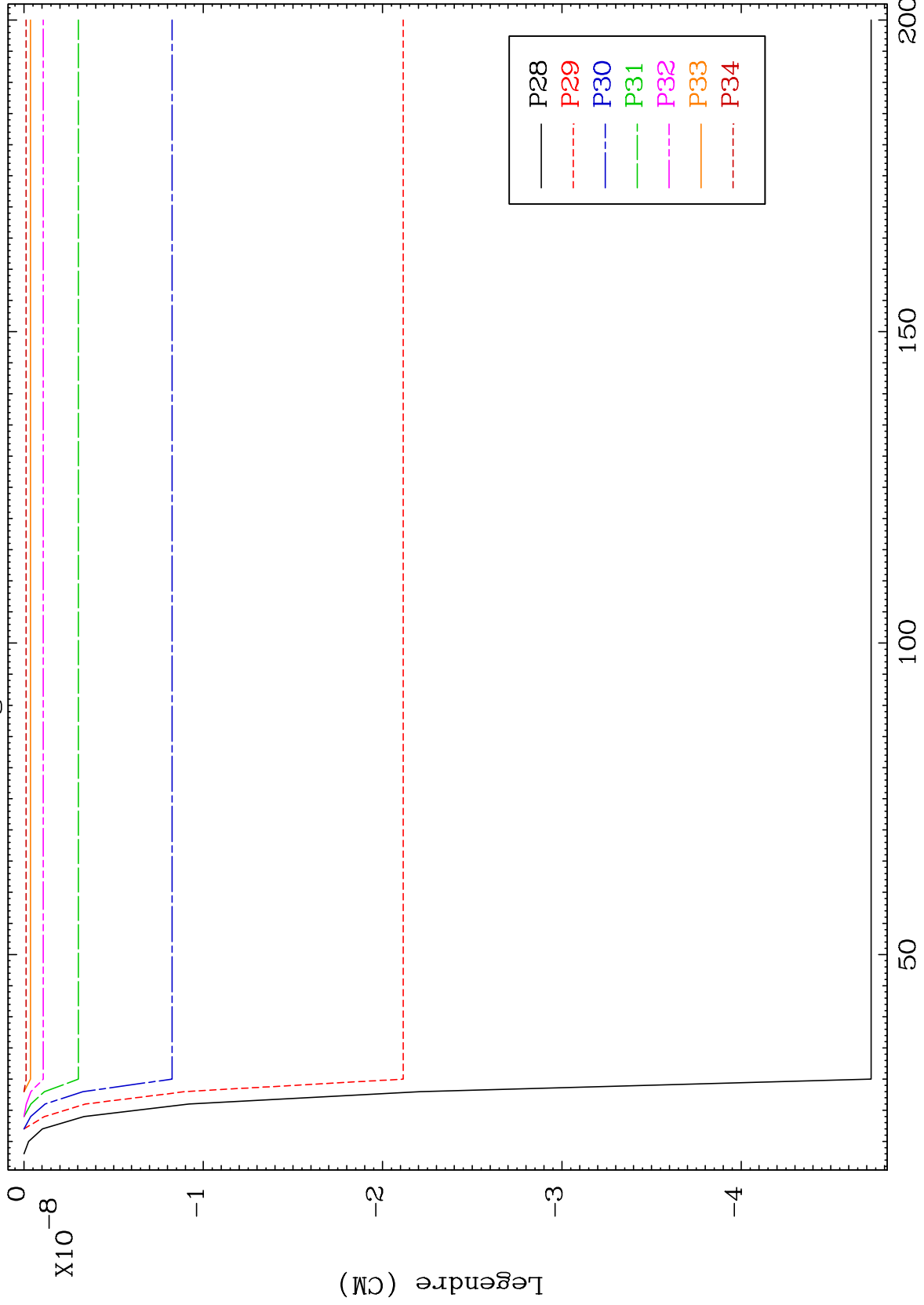
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

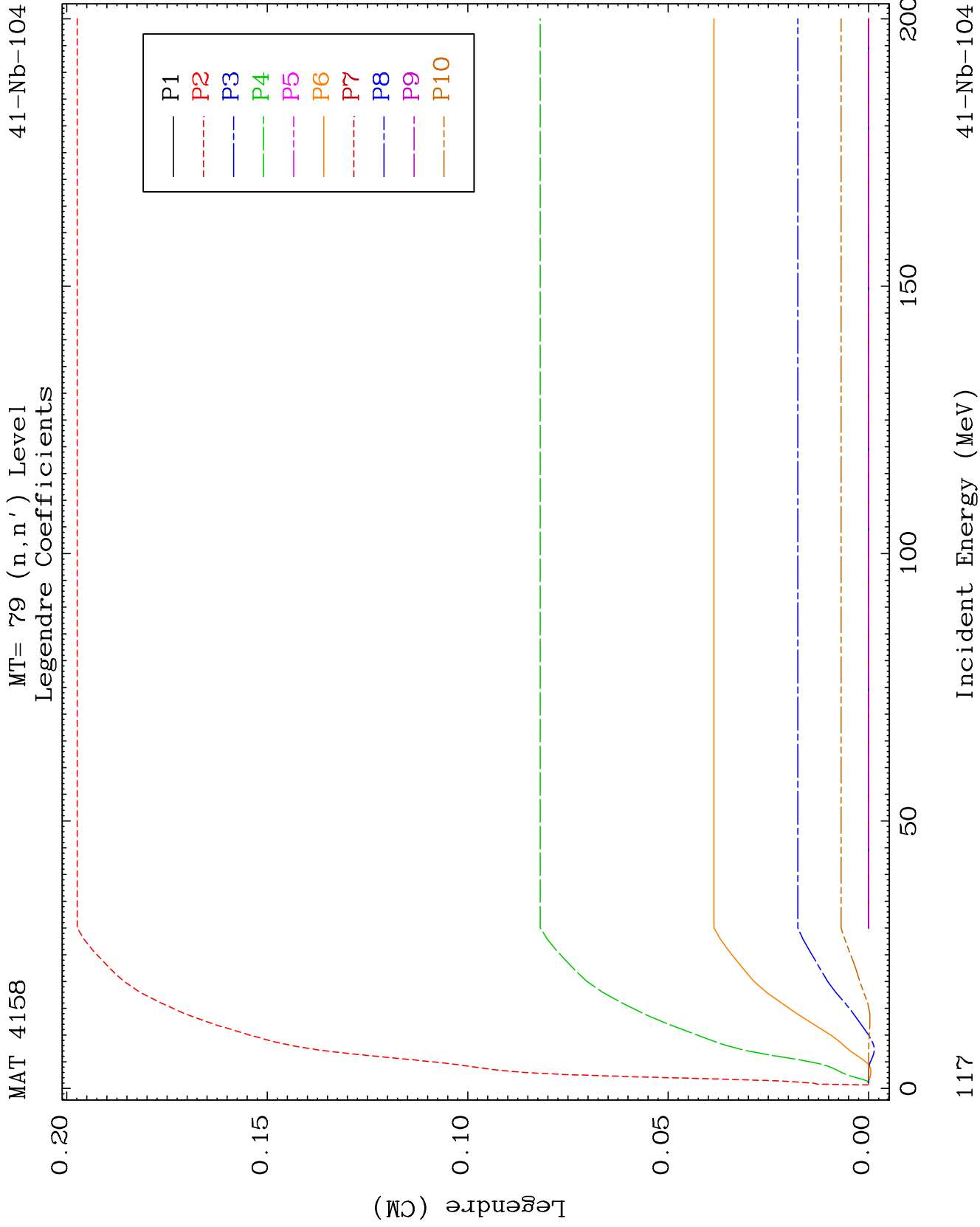
41-Nb-104



116

Incident Energy (MeV)

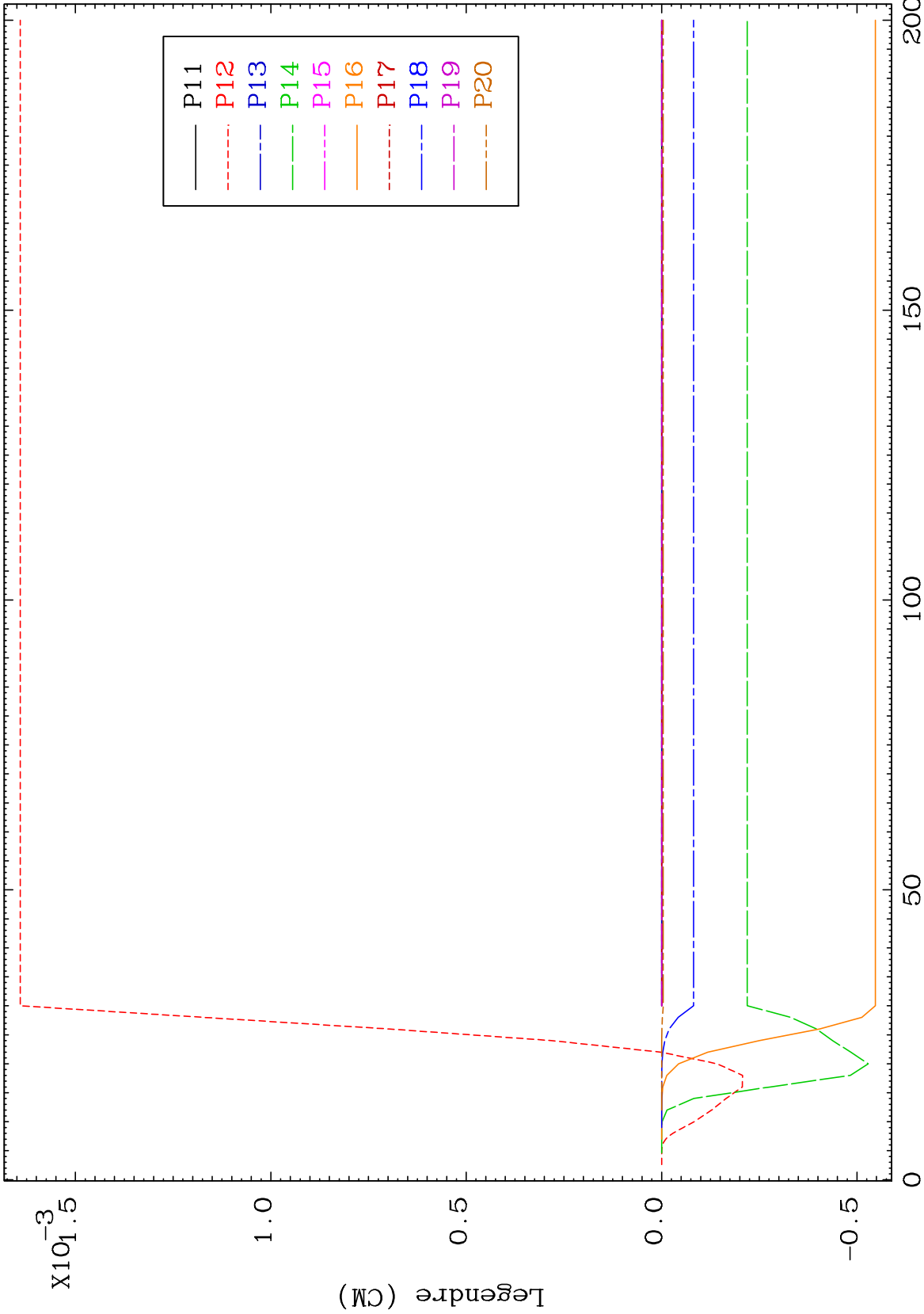
41-Nb-104



MAT 4158

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

41-Nb-104



118

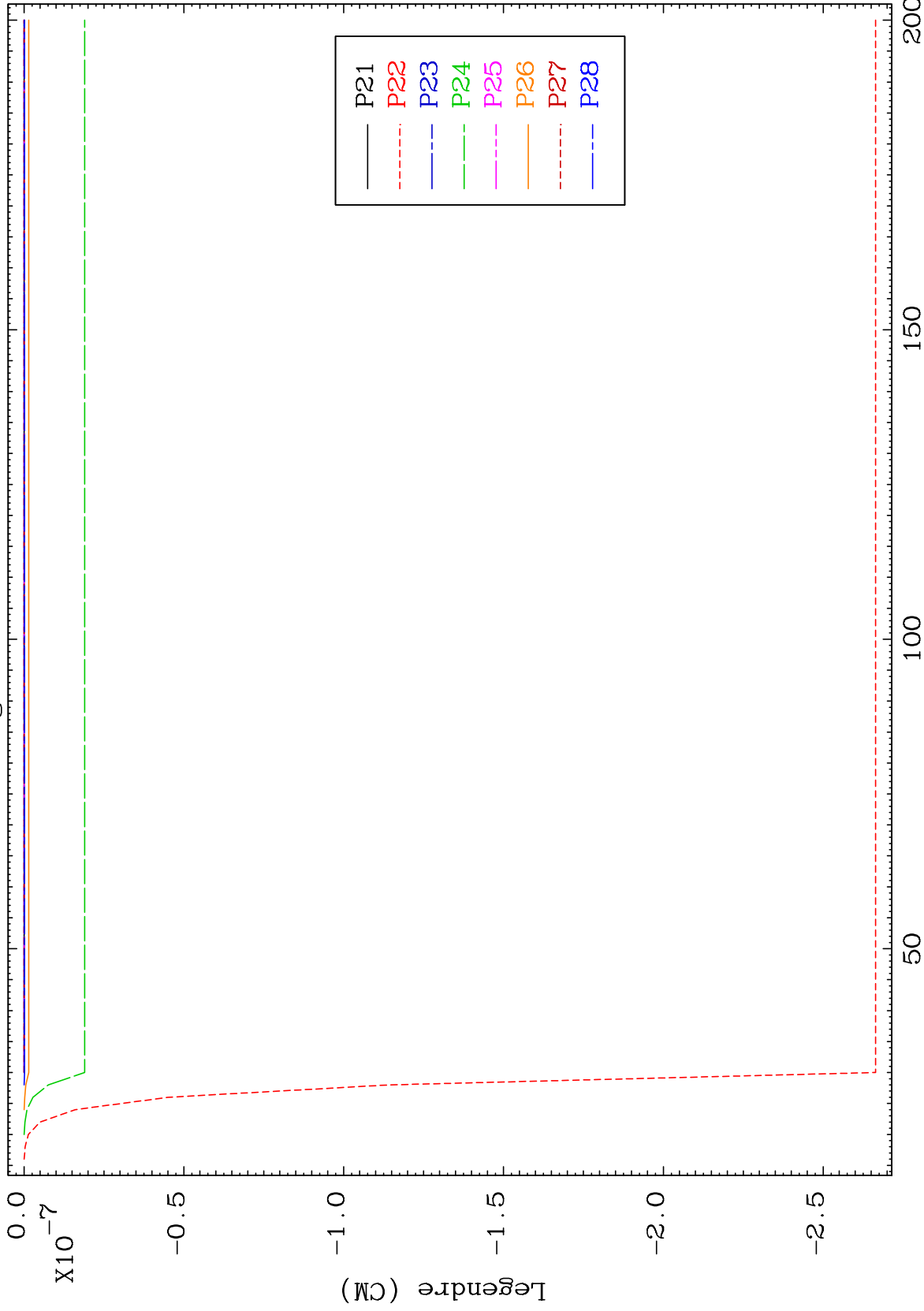
Incident Energy (MeV)

41-Nb-104

MAT 4158

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

41-Nb-104



41-Nb-104

Incident Energy (MeV)

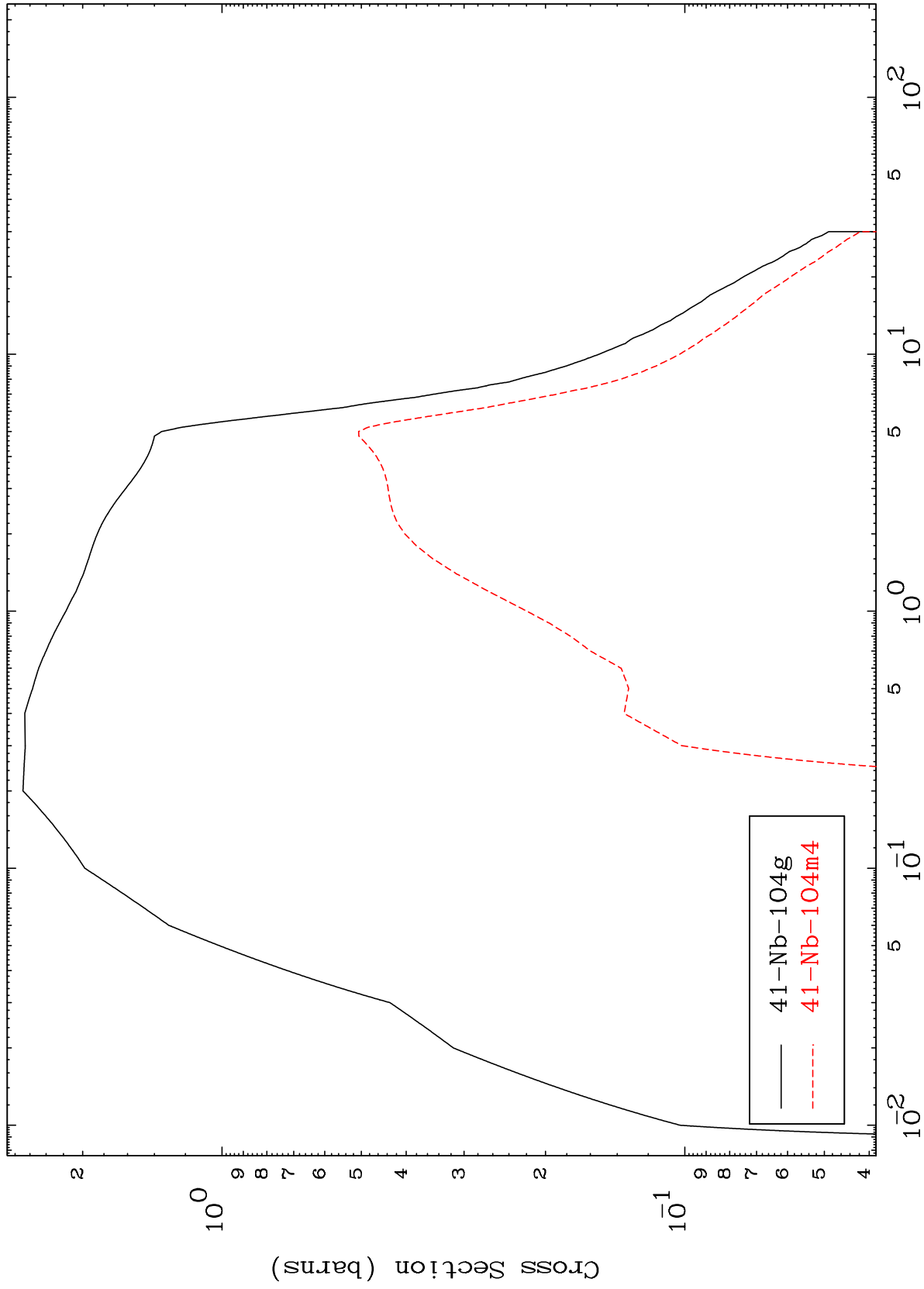
119



MAT 4158

Inelastic  
Radionuclide Production Cross Section

41-Nb-104



120

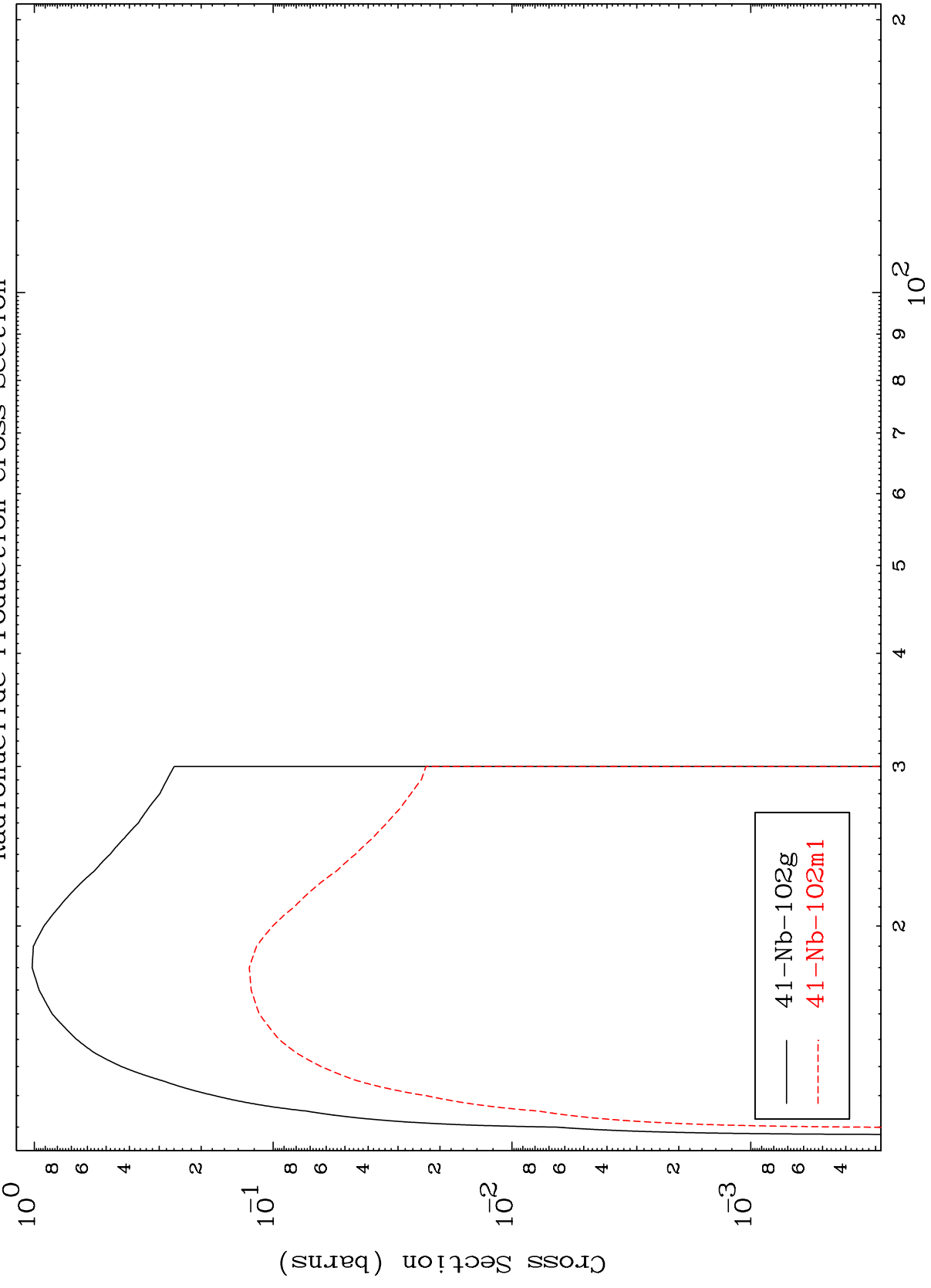
Incident Energy (MeV)

41-Nb-104

MAT 4158

41-Nb-104

Radionuclide Production Cross Section  
(n,3n)



121

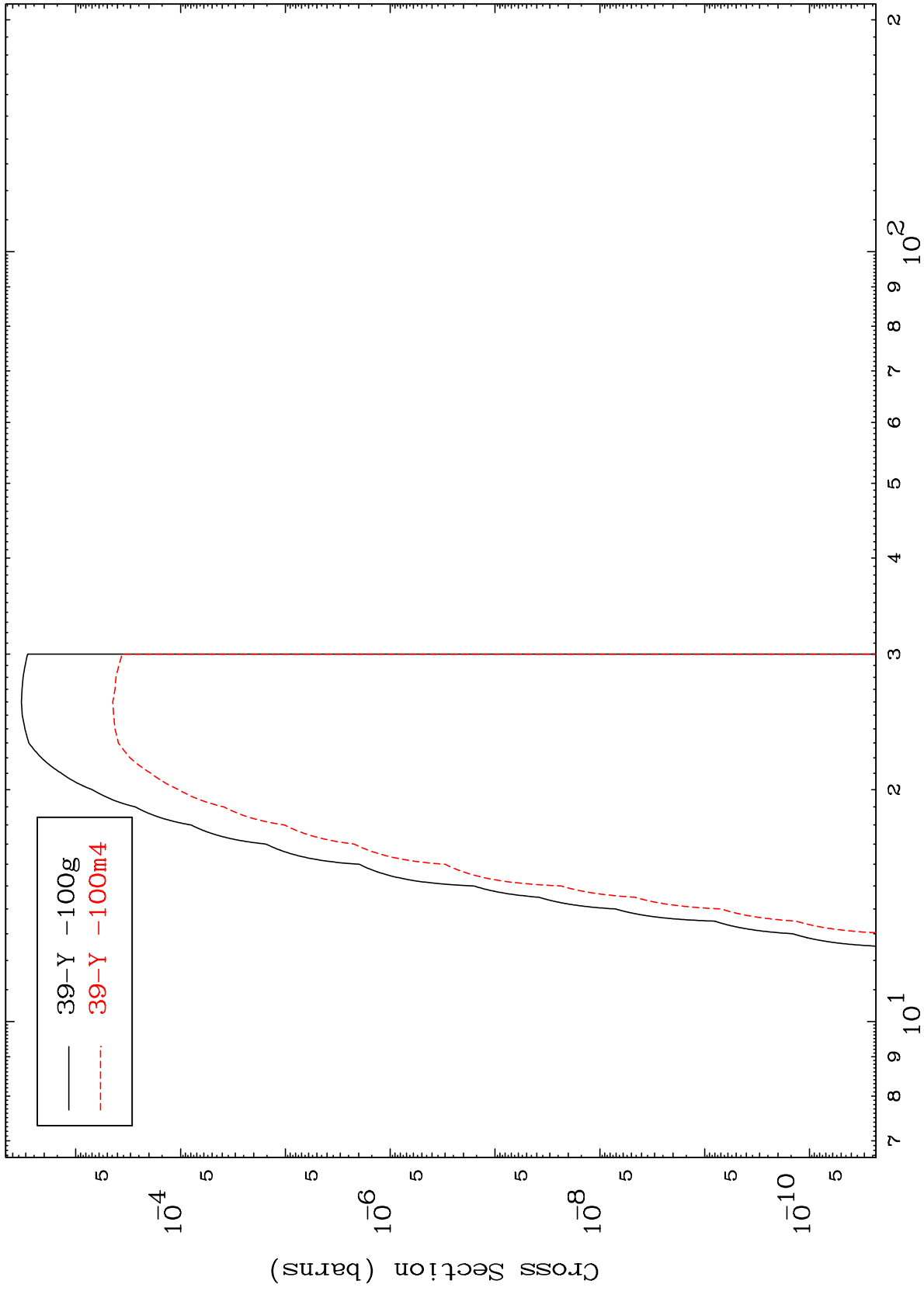
41-Nb-104

MAT 4158

(n,n')  $\alpha$

41-Nb-104

Radionuclide Production Cross Section



122

Incident Energy (MeV)

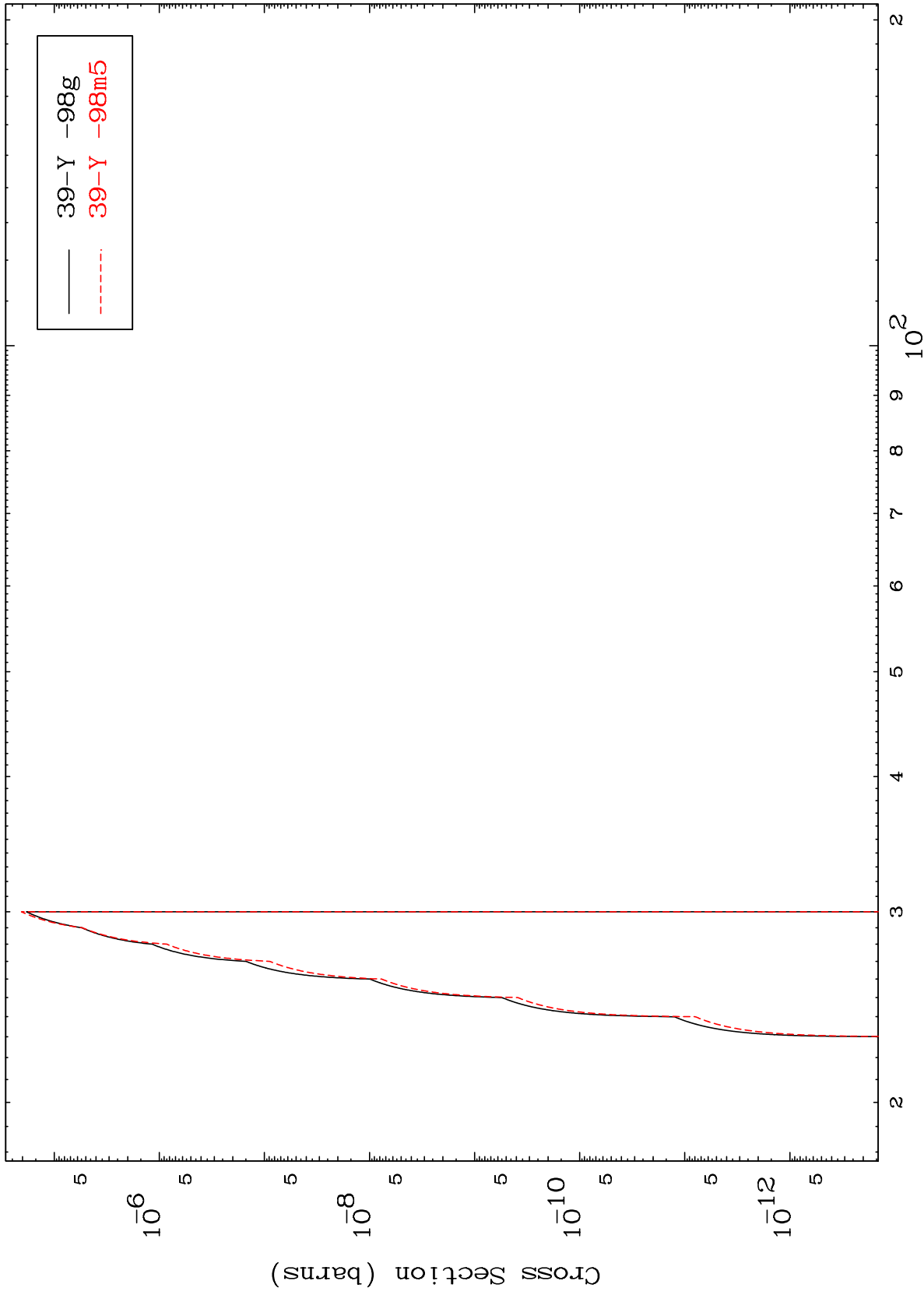
41-Nb-104

MAT 4158

(n,3n)  $\alpha$

41-Nb-104

Radionuclide Production Cross Section



123

Incident Energy (MeV)

41-Nb-104