

Program EVALPLOT  
(Version 2021-1)

by

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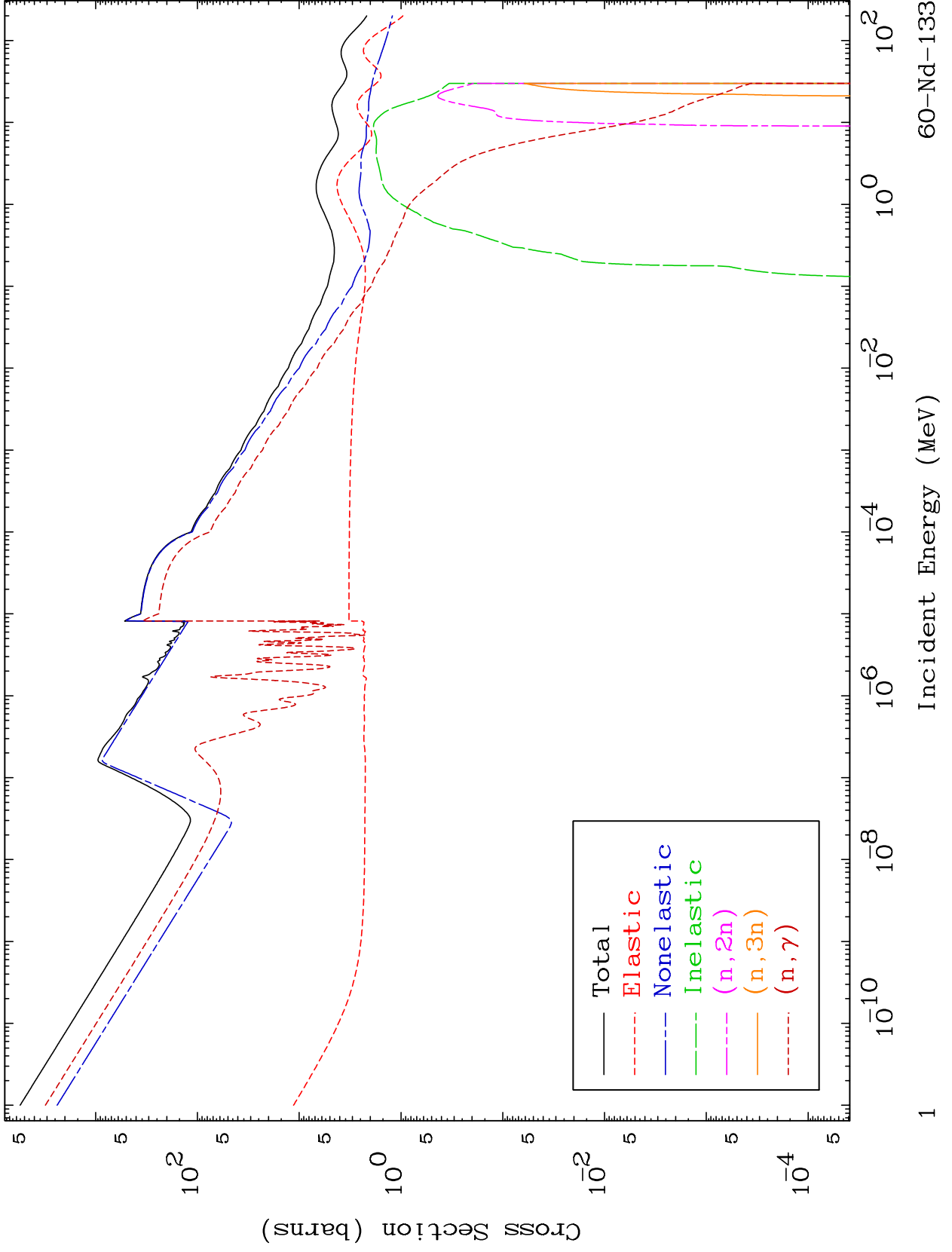
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Press Mouse Button to Start

MAT 5998

Neutron Major  
293 Kelvin Cross Sections

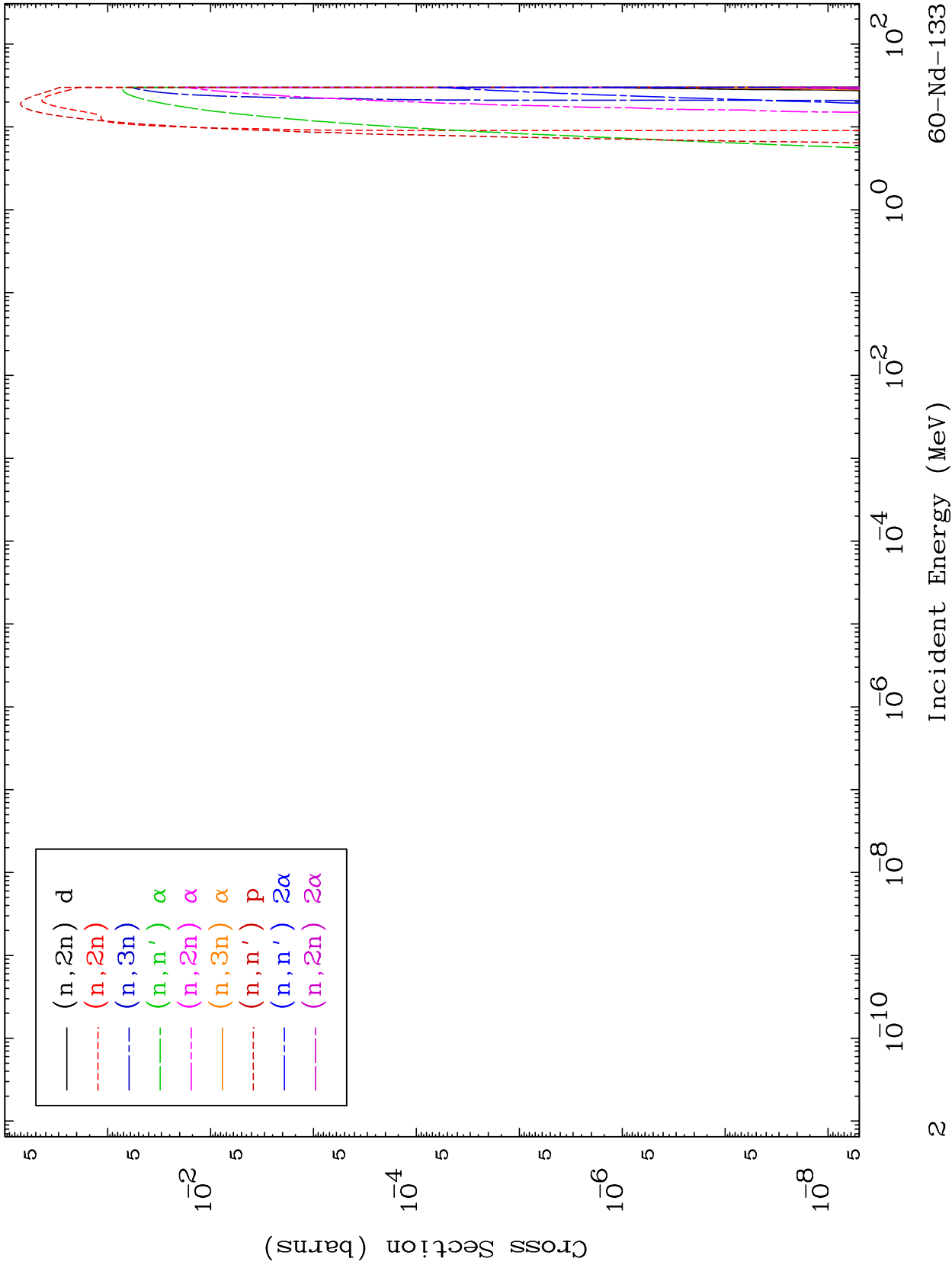
60-Nd-133



MAT 5998

Neutron Absorption  
293 Kelvin Cross Sections

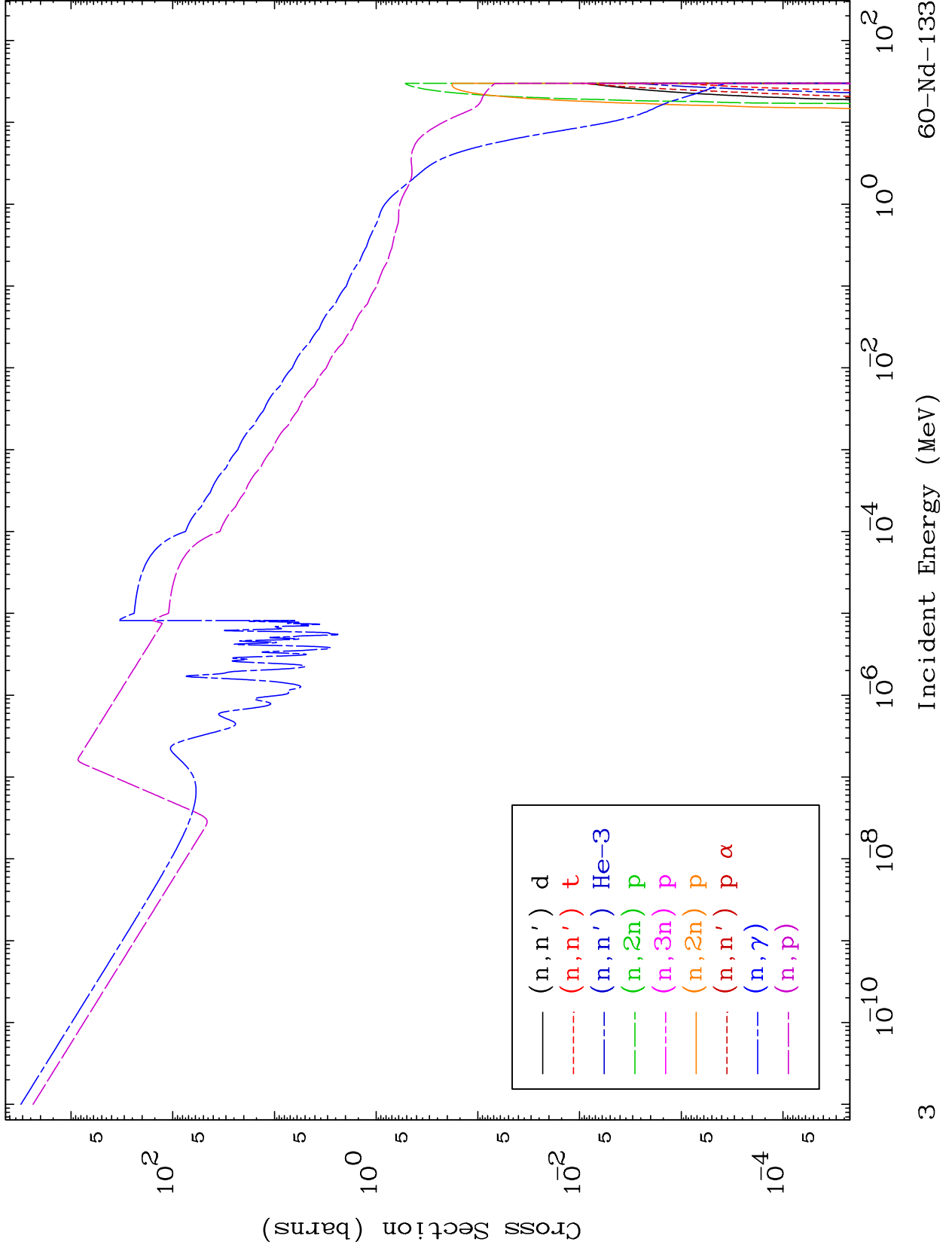
60-Nd-133



MAT 5998

Neutron Absorption  
293 Kelvin Cross Sections

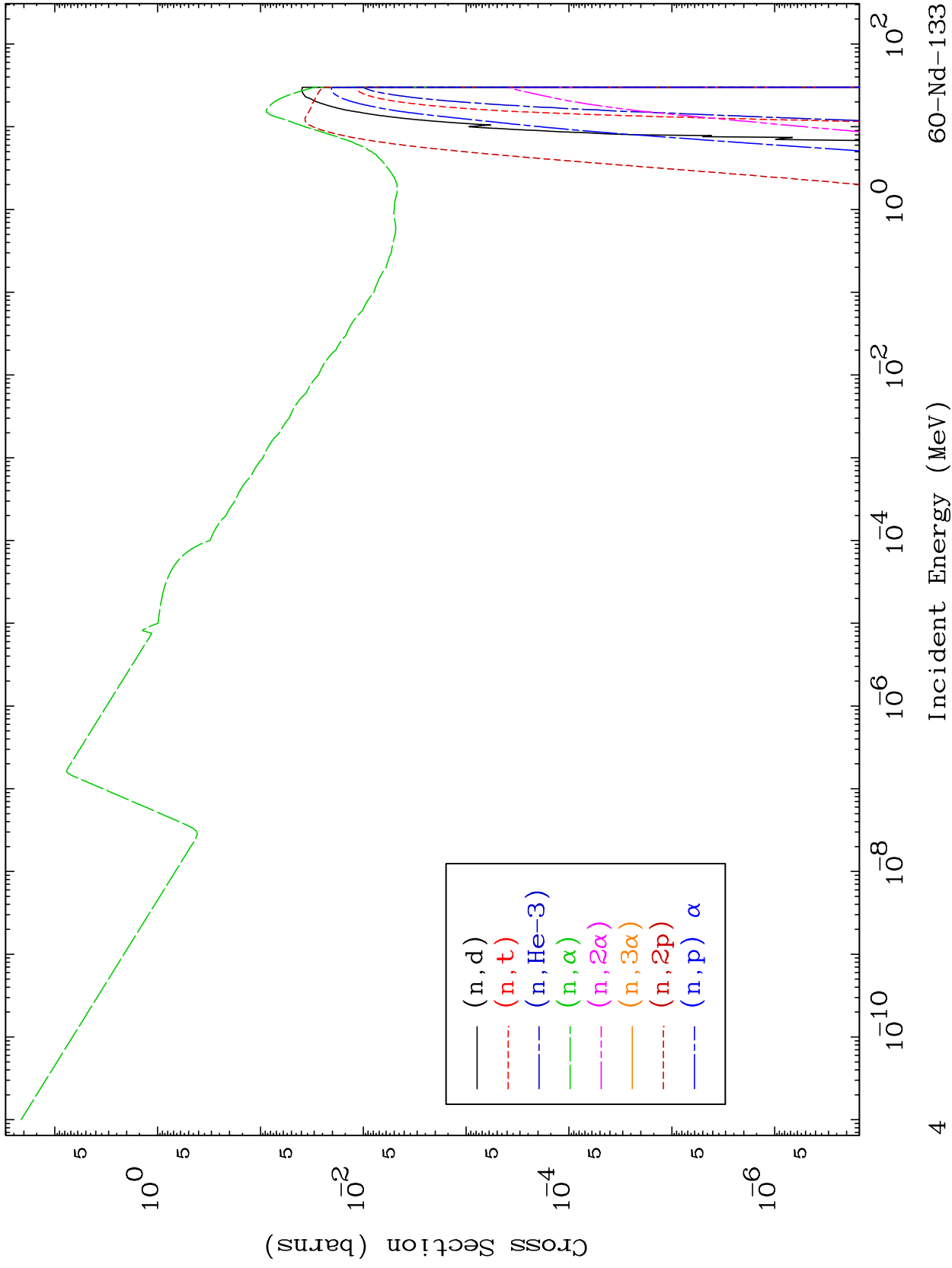
60-Nd-133

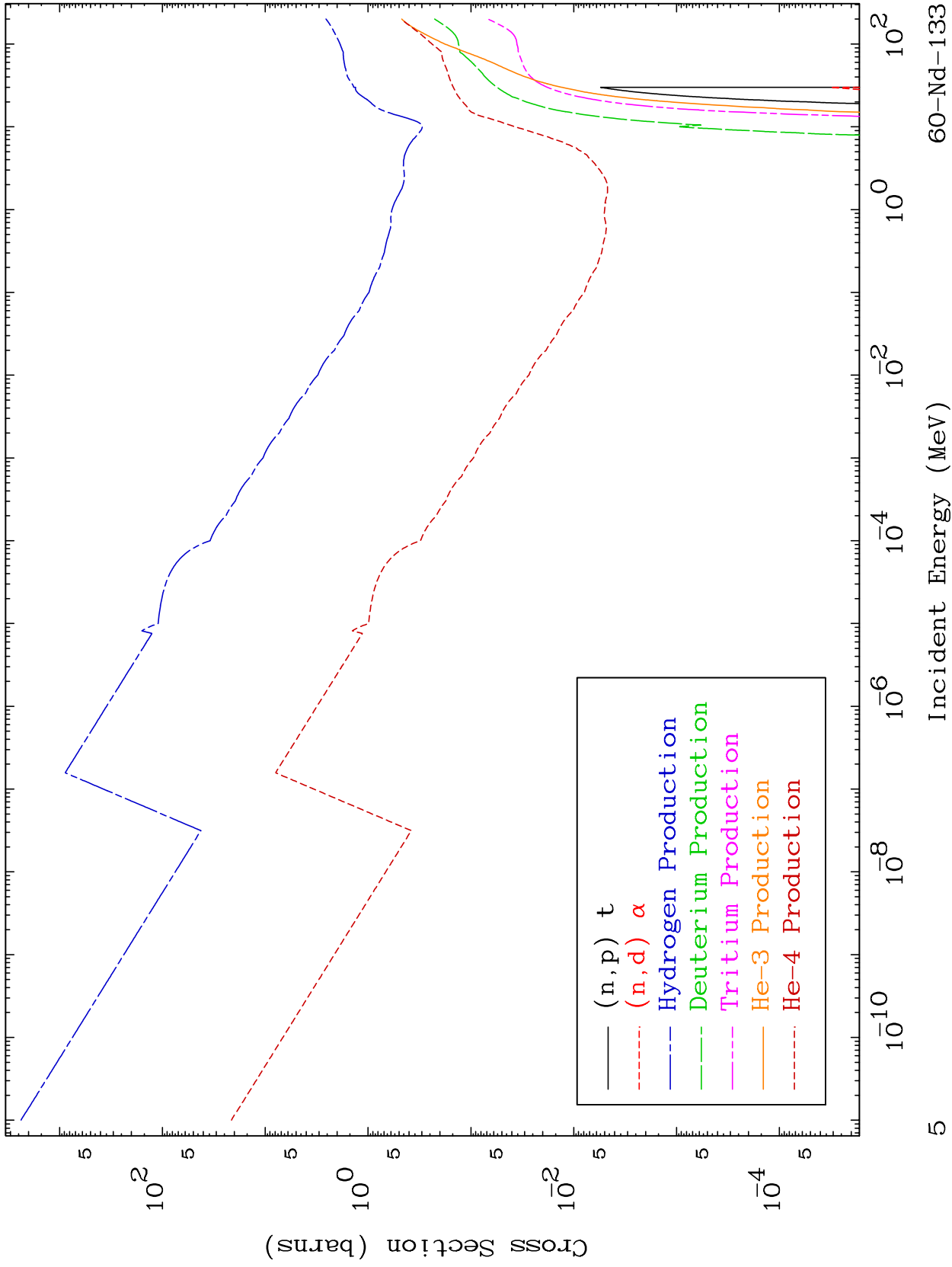


MAT 5998

Neutron Absorption  
293 Kelvin Cross Sections

60-Nd-133

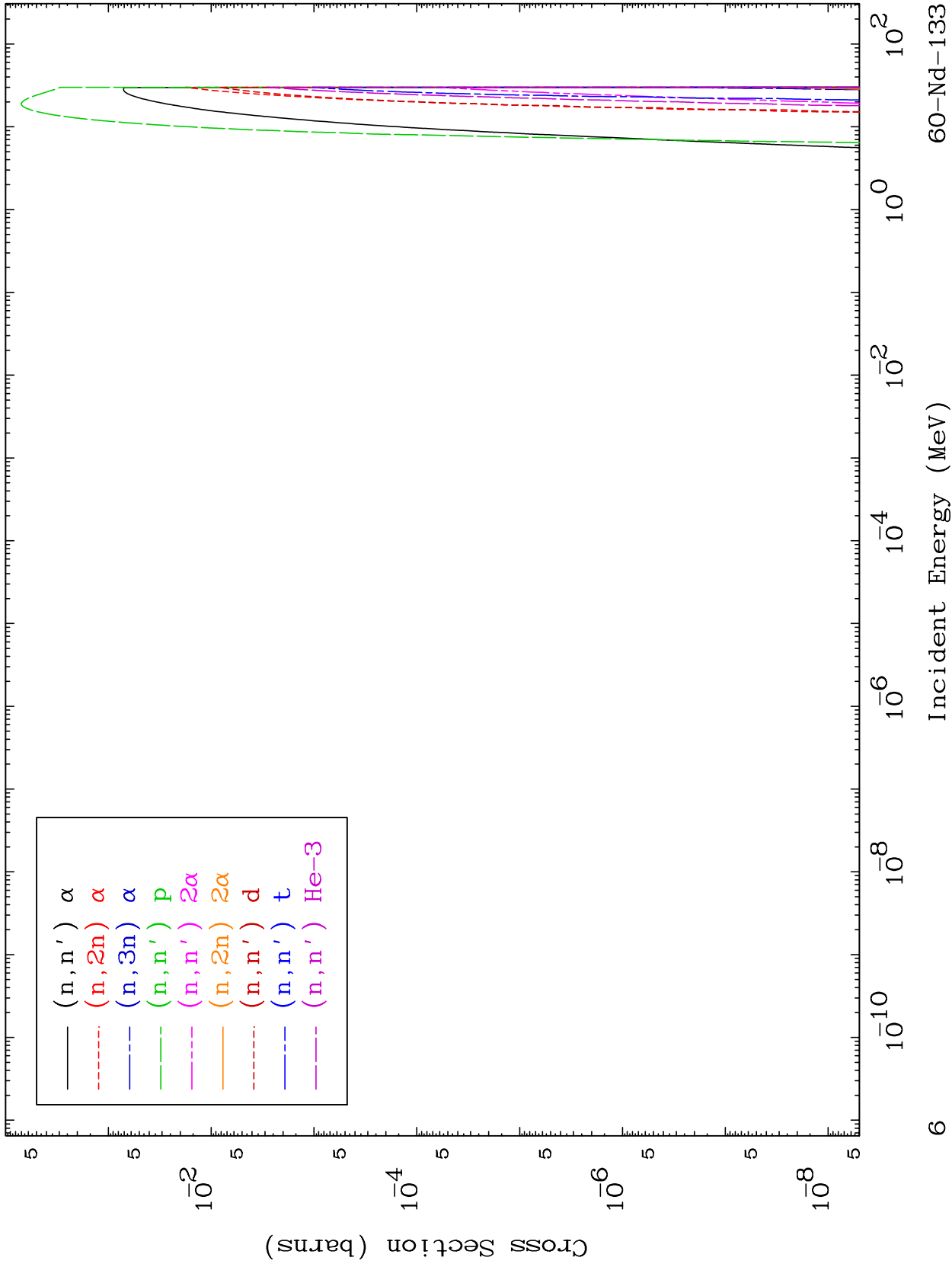




MAT 5998

Charged Particle  
293 Kelvin Cross Sections

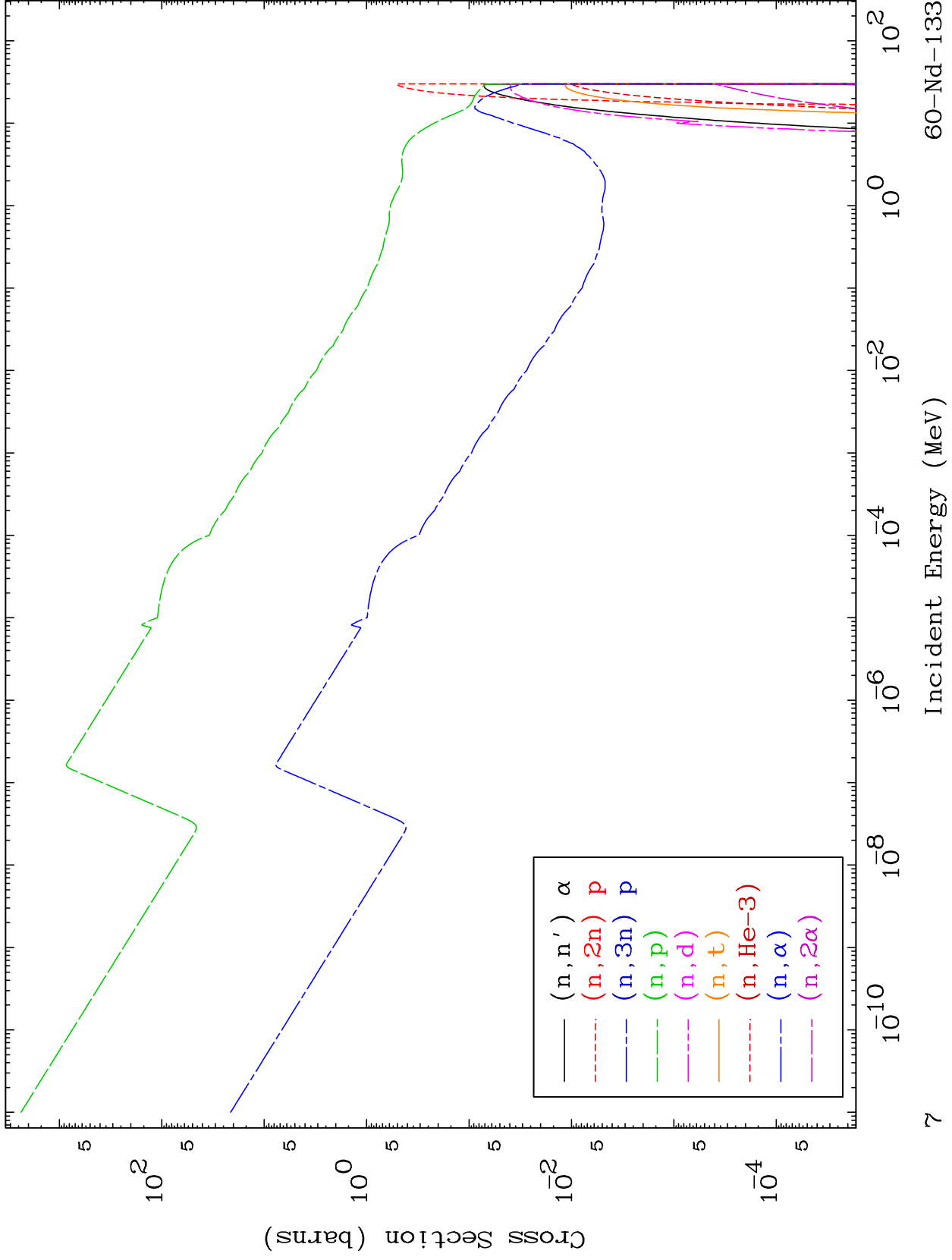
60-Nd-133



MAT 5998

Charged Particle  
293 Kelvin Cross Sections

60-Nd-133

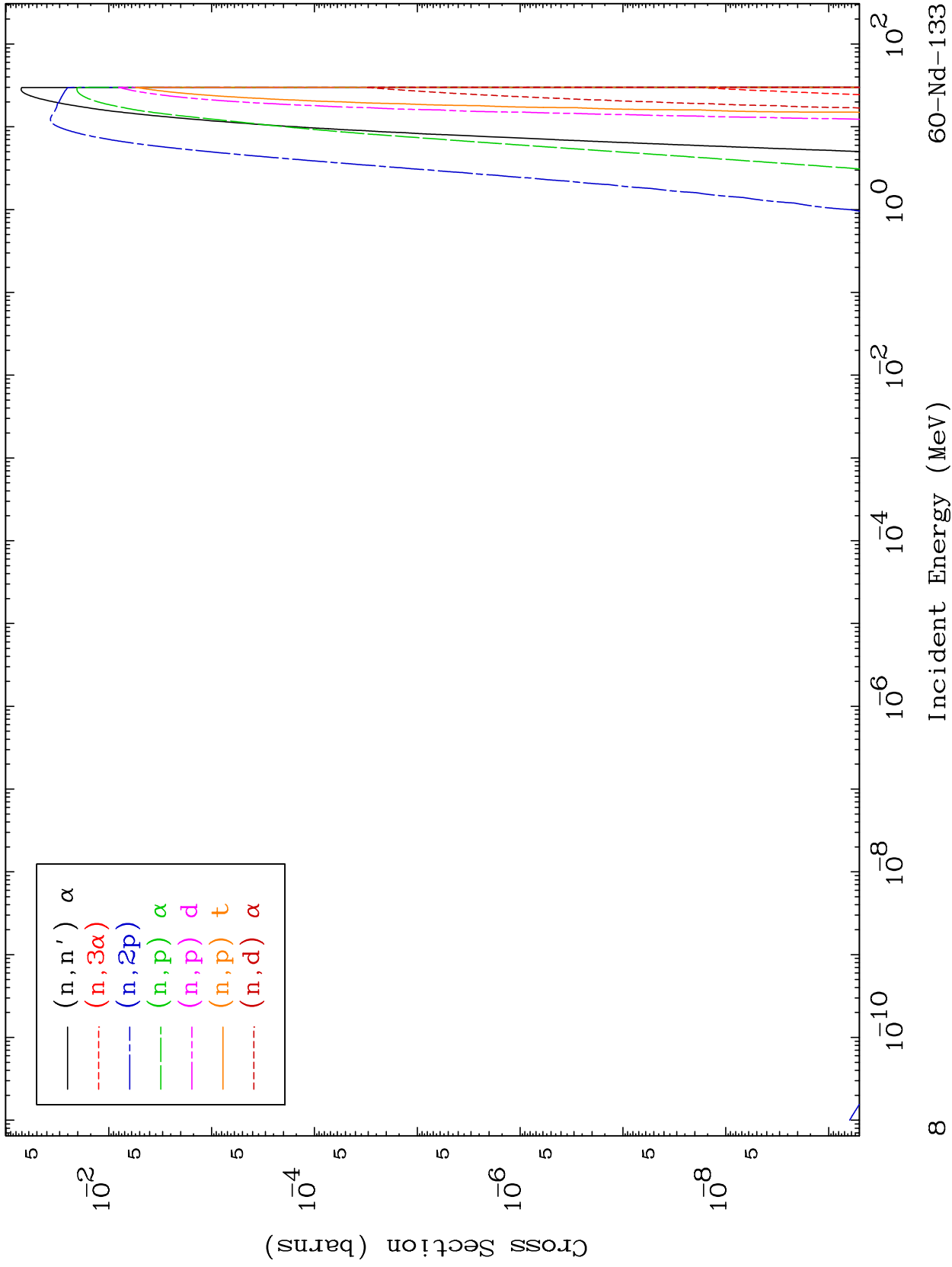


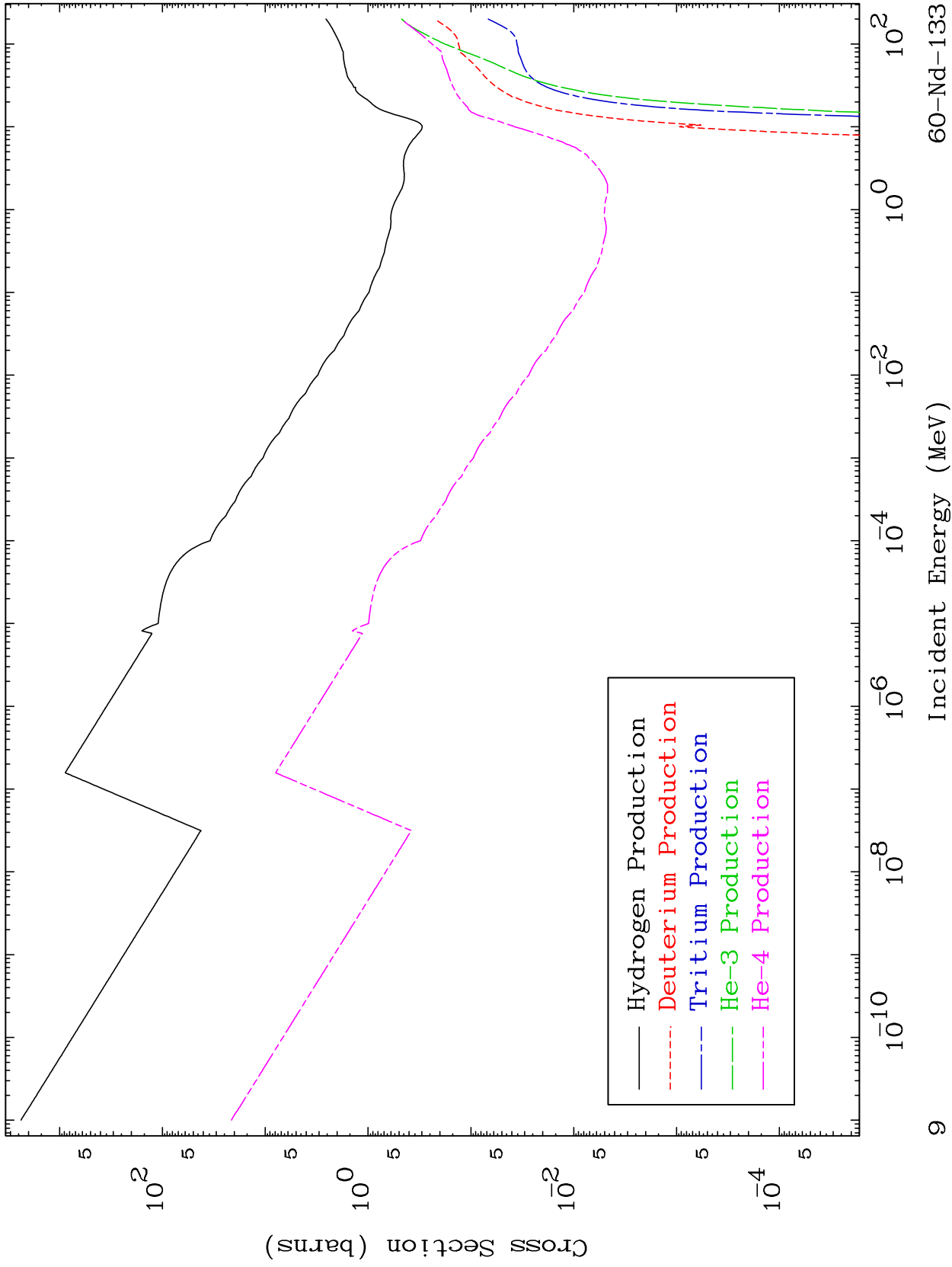


MAT 5998

Charged Particle  
293 Kelvin Cross Sections

60-Nd-133

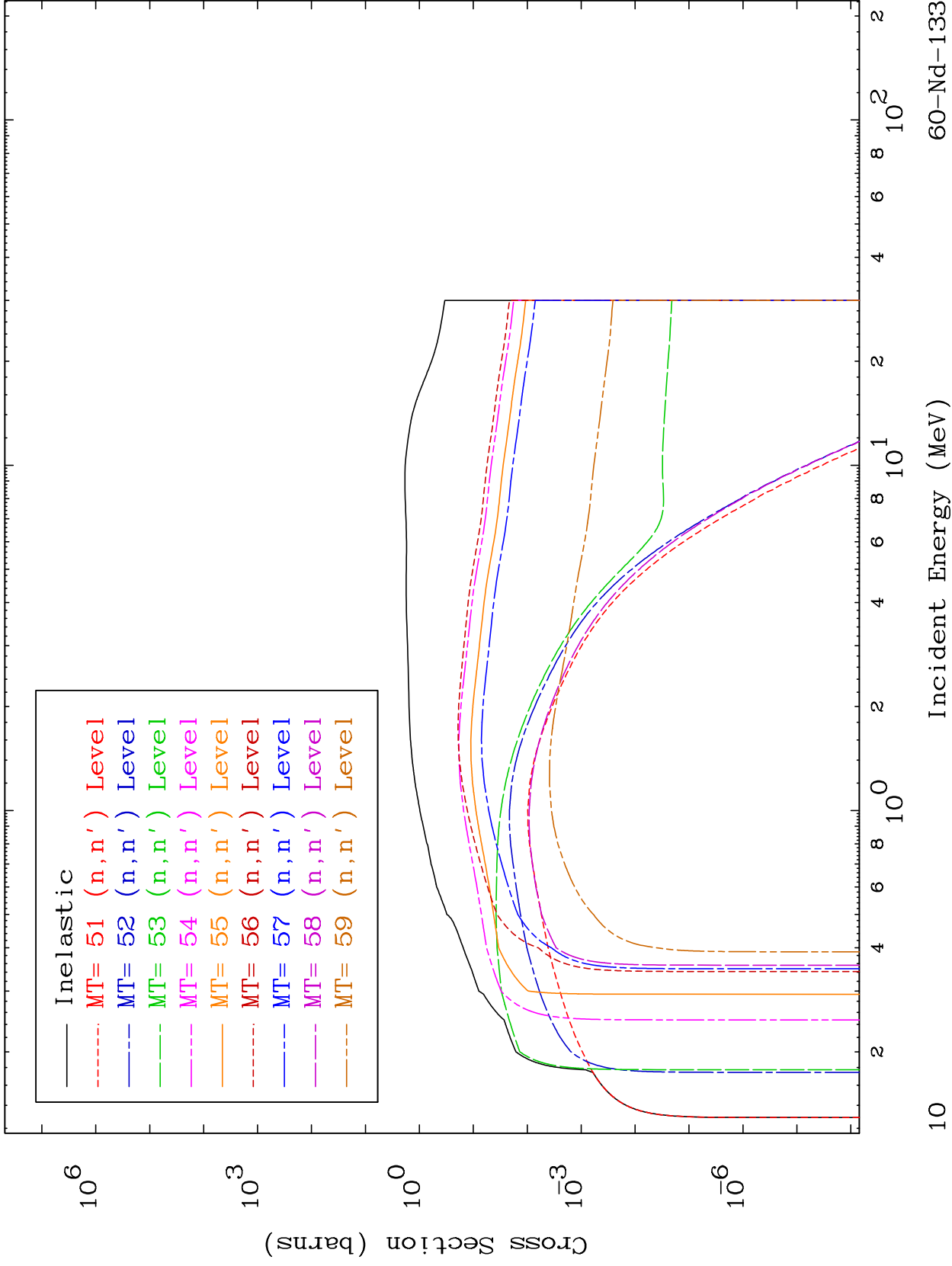




MAT 5998

(n,n') Levels  
293 Kelvin Cross Sections

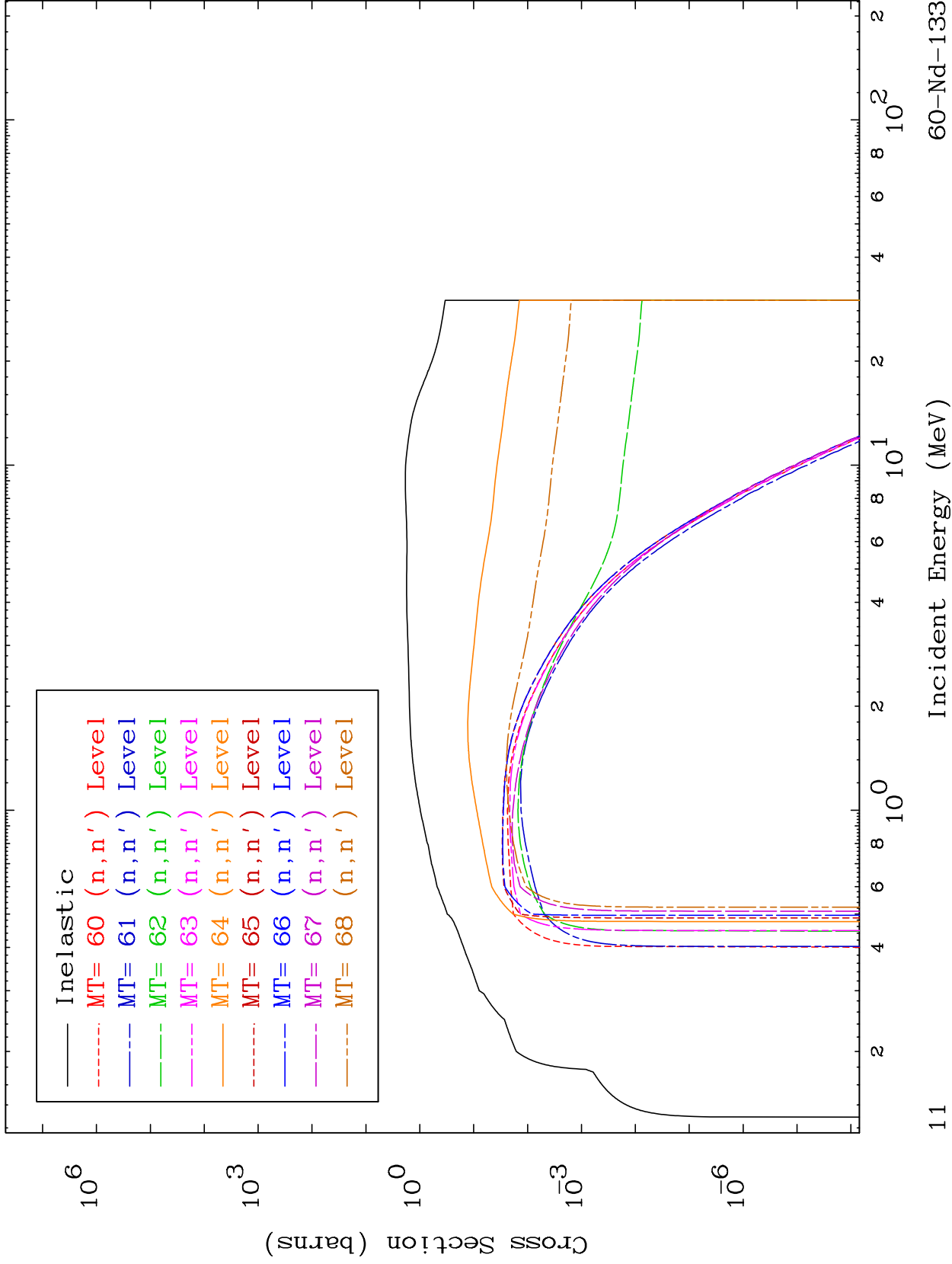
60-Nd-133

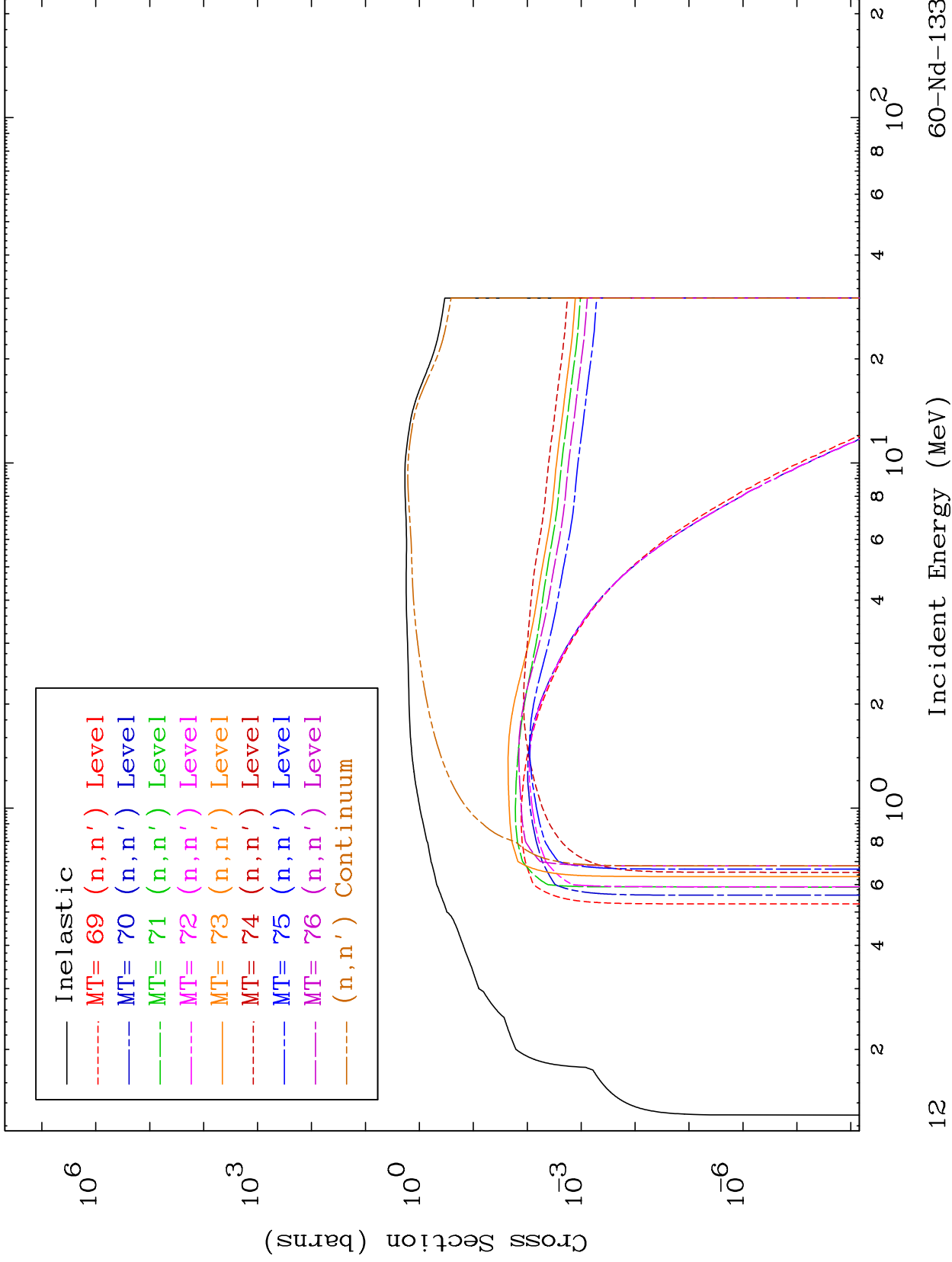


10

Incident Energy (MeV)

60-Nd-133

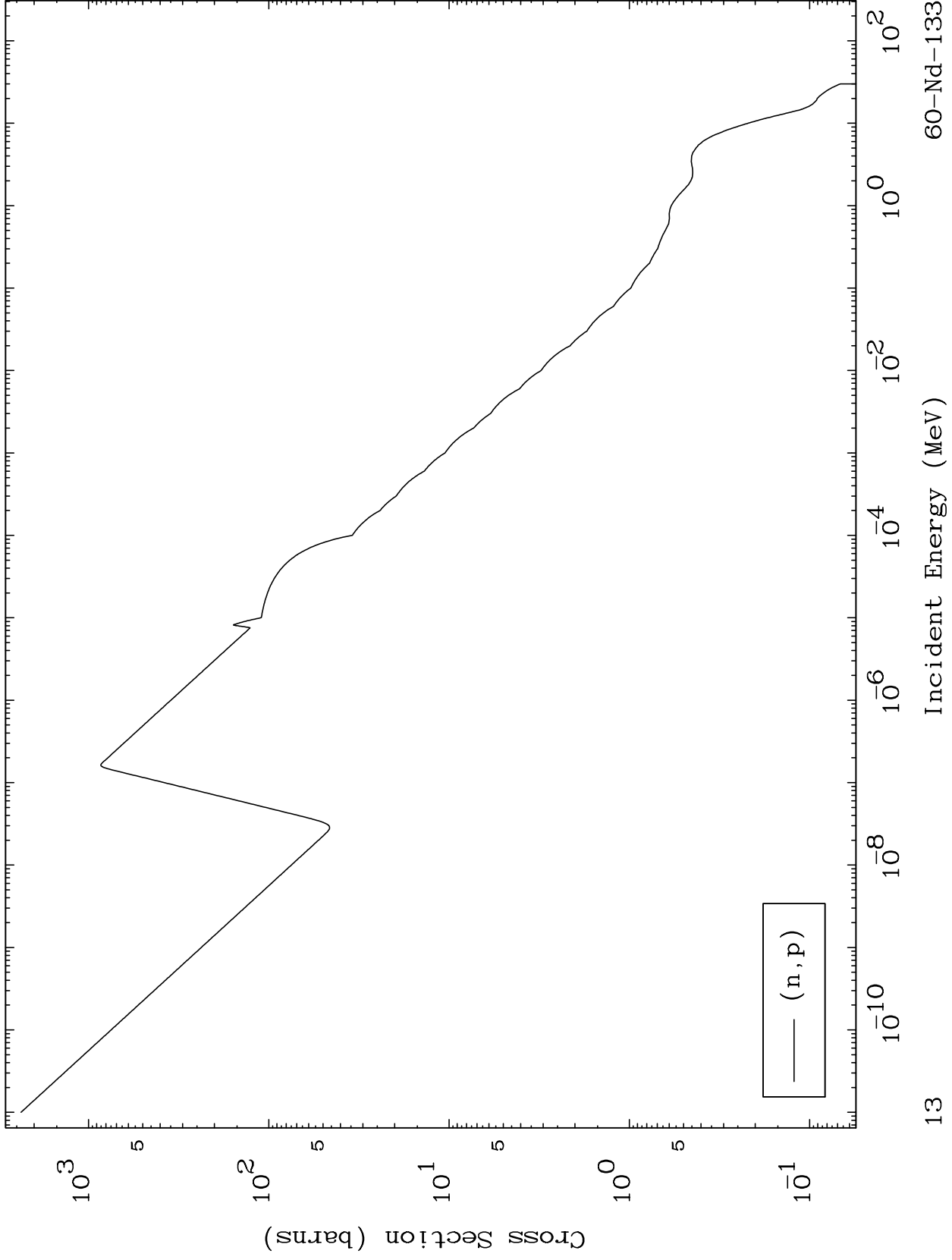




MAT 5998

(n,p) Levels  
293 Kelvin Cross Sections

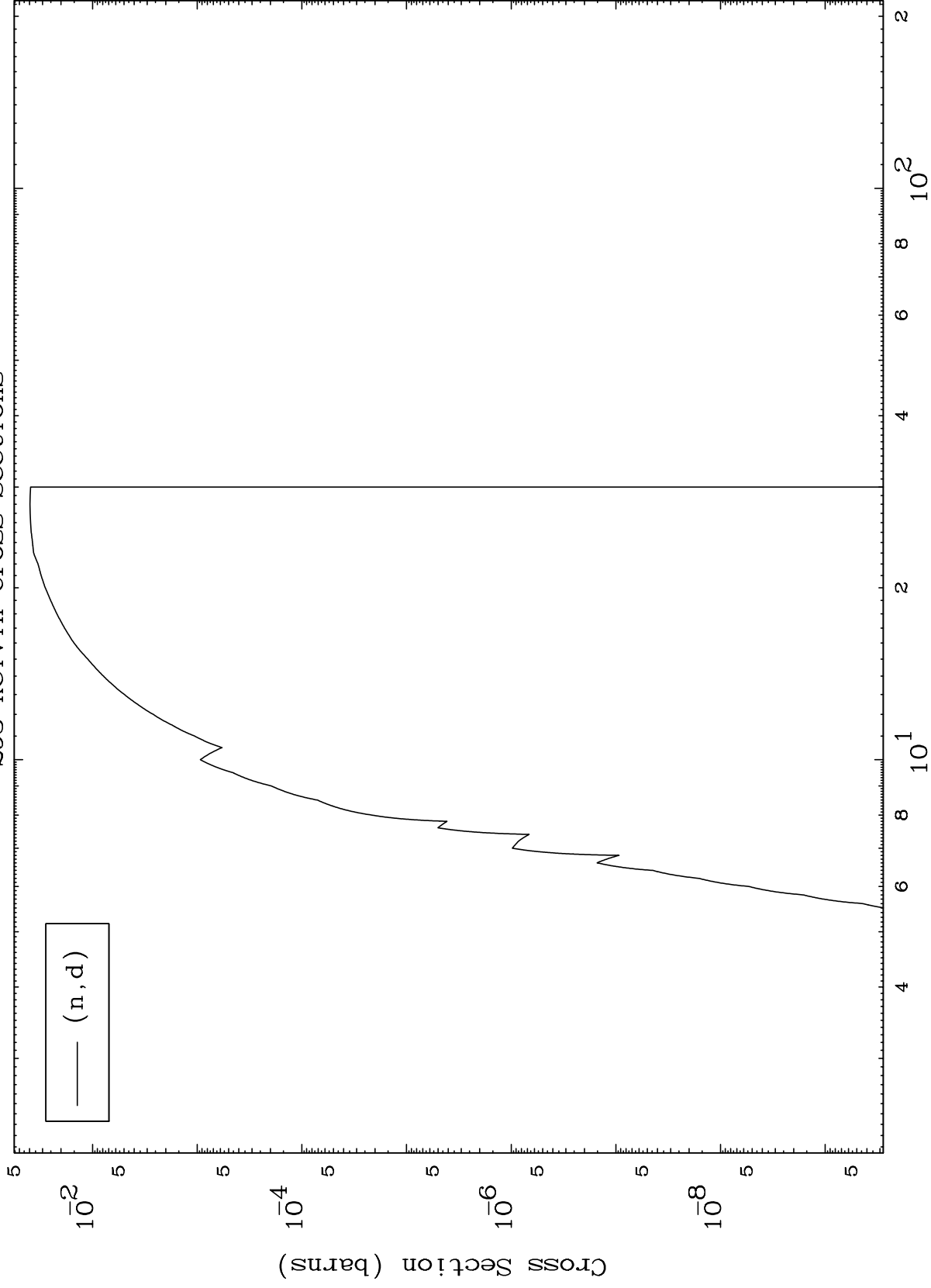
60-Nd-133



MAT 5998

(n,d) Levels  
293 Kelvin Cross Sections

60-Nd-133



14

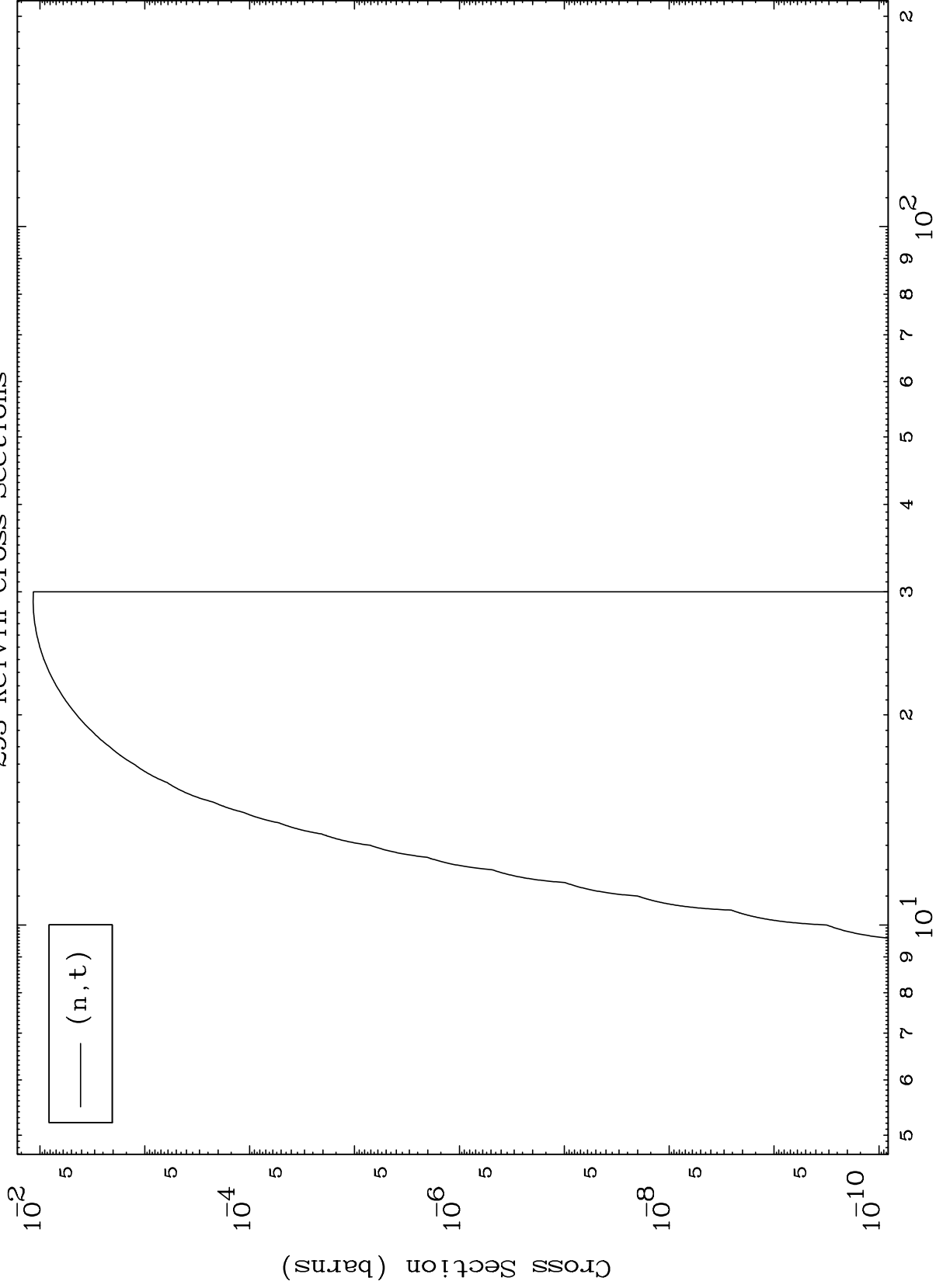
Incident Energy (MeV)

60-Nd-133

MAT 5998

(n,t) Levels  
293 Kelvin Cross Sections

60-Nd-133



15

Incident Energy (MeV)

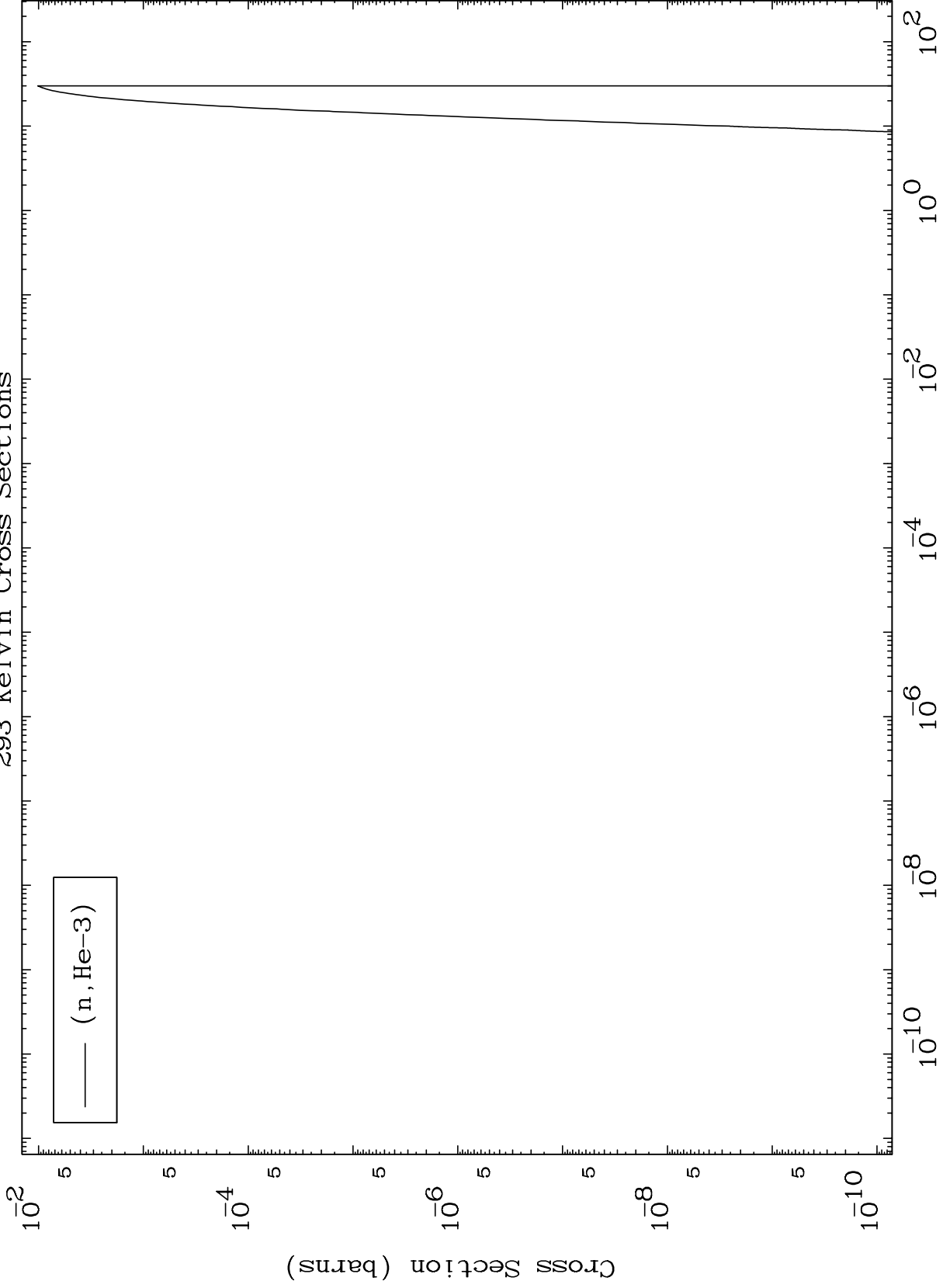
60-Nd-133



MAT 5998

(n,He3) Levels  
293 Kelvin Cross Sections

60-Nd-133



16

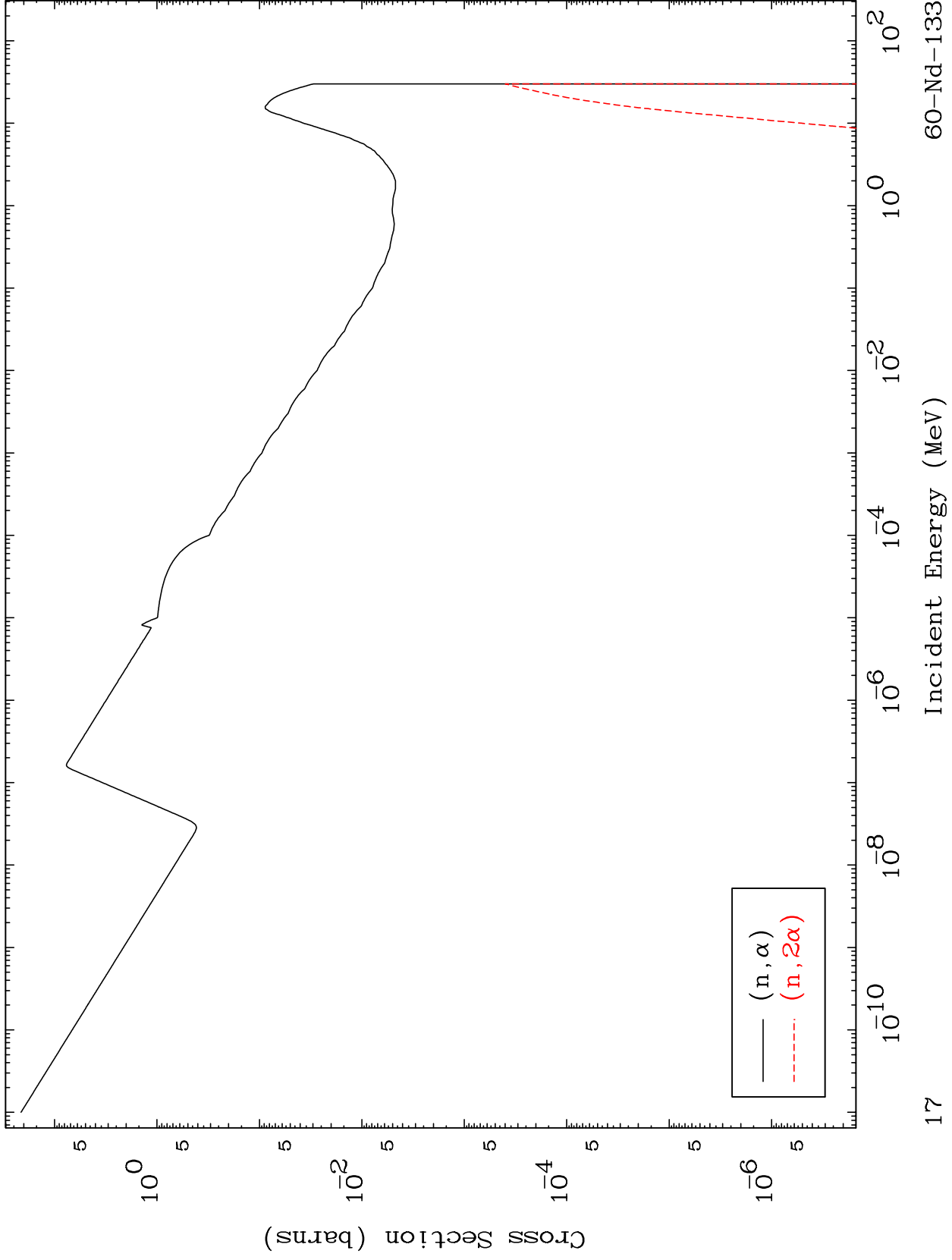
Incident Energy (MeV)

60-Nd-133

MAT 5998

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

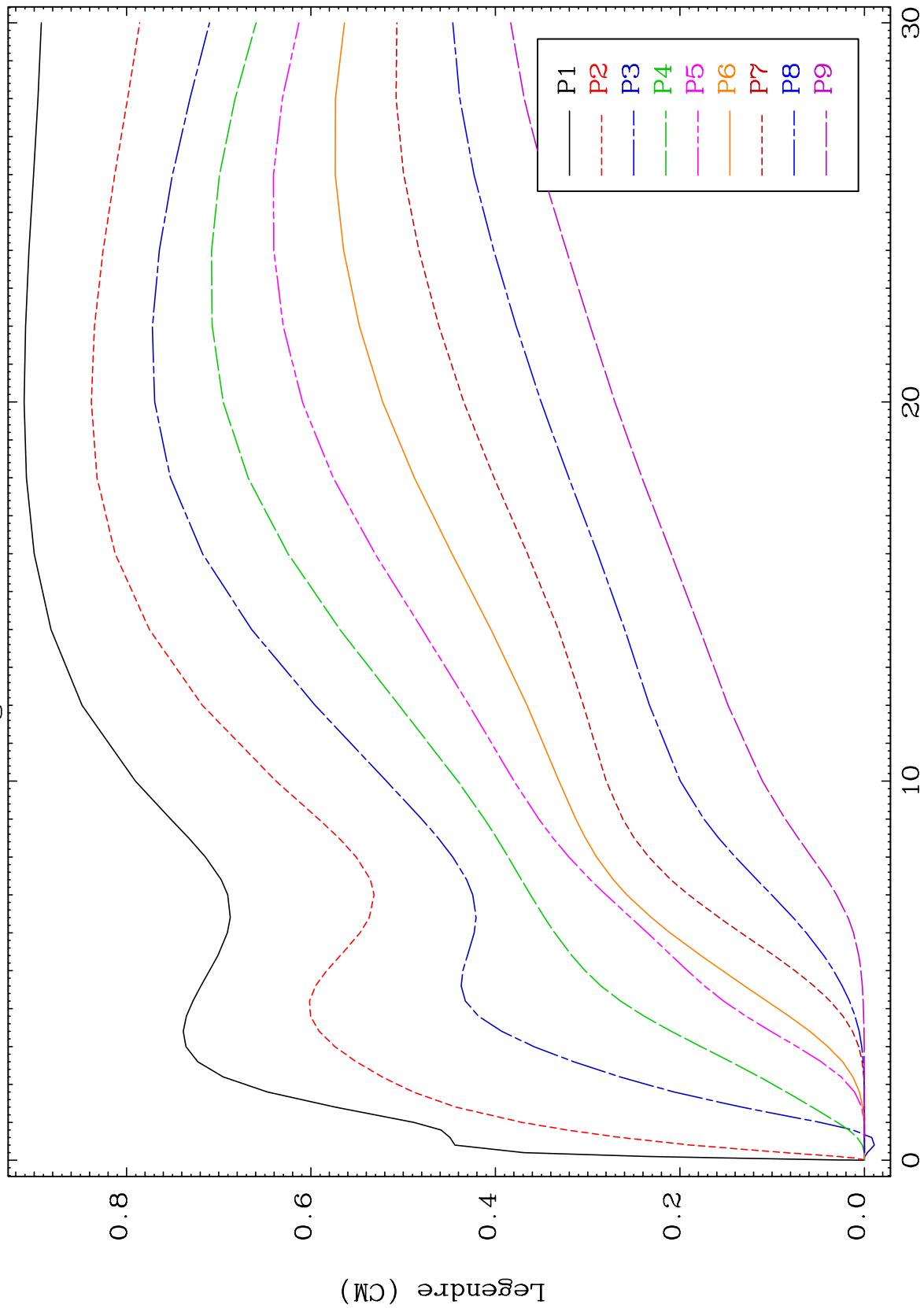
60-Nd-133



MAT 5998

Elastic Legendre Coefficients

60-Nd-133



18

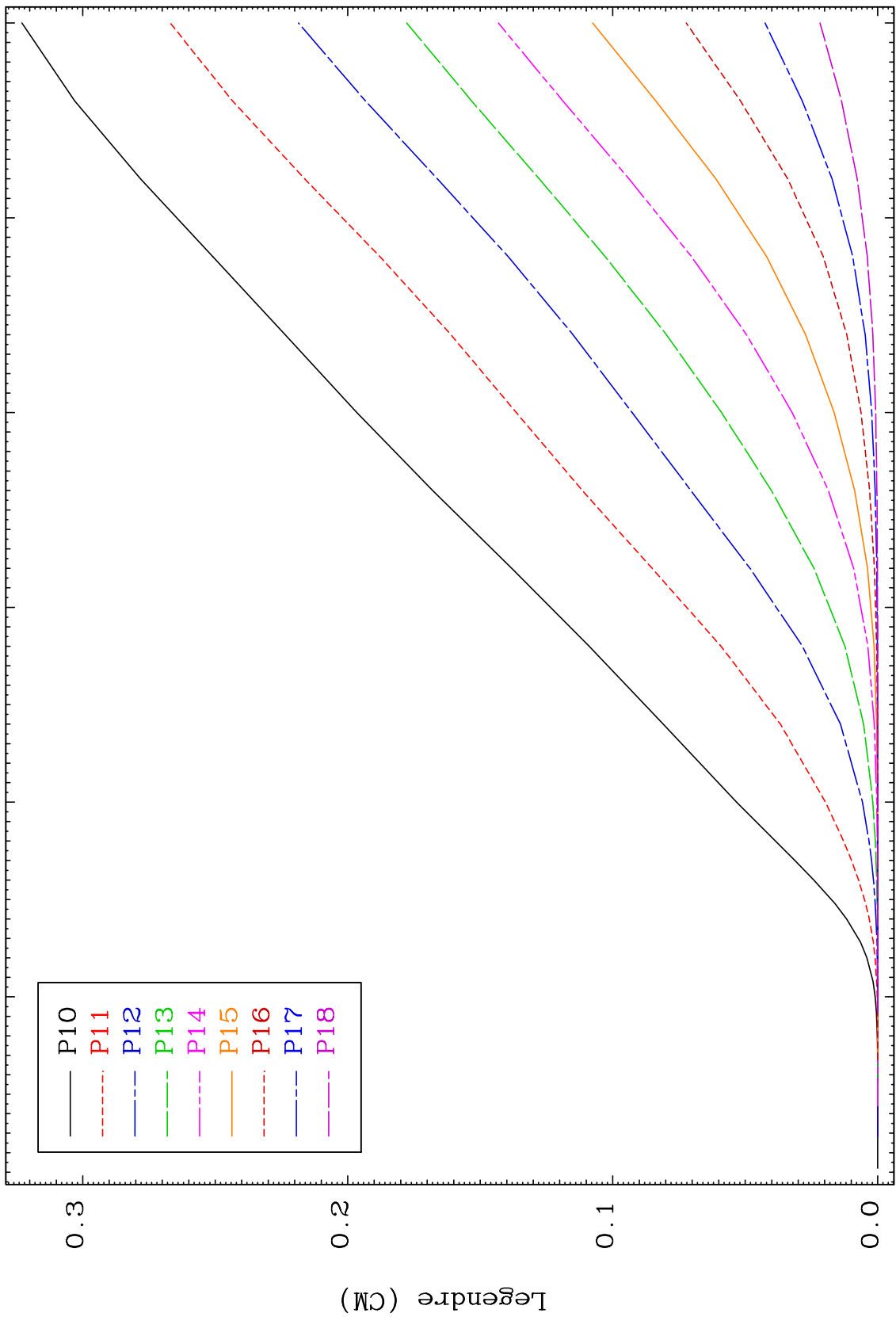
Incident Energy (MeV)

60-Nd-133

MAT 5998

Elastic Legendre Coefficients

60-Nd-133



19

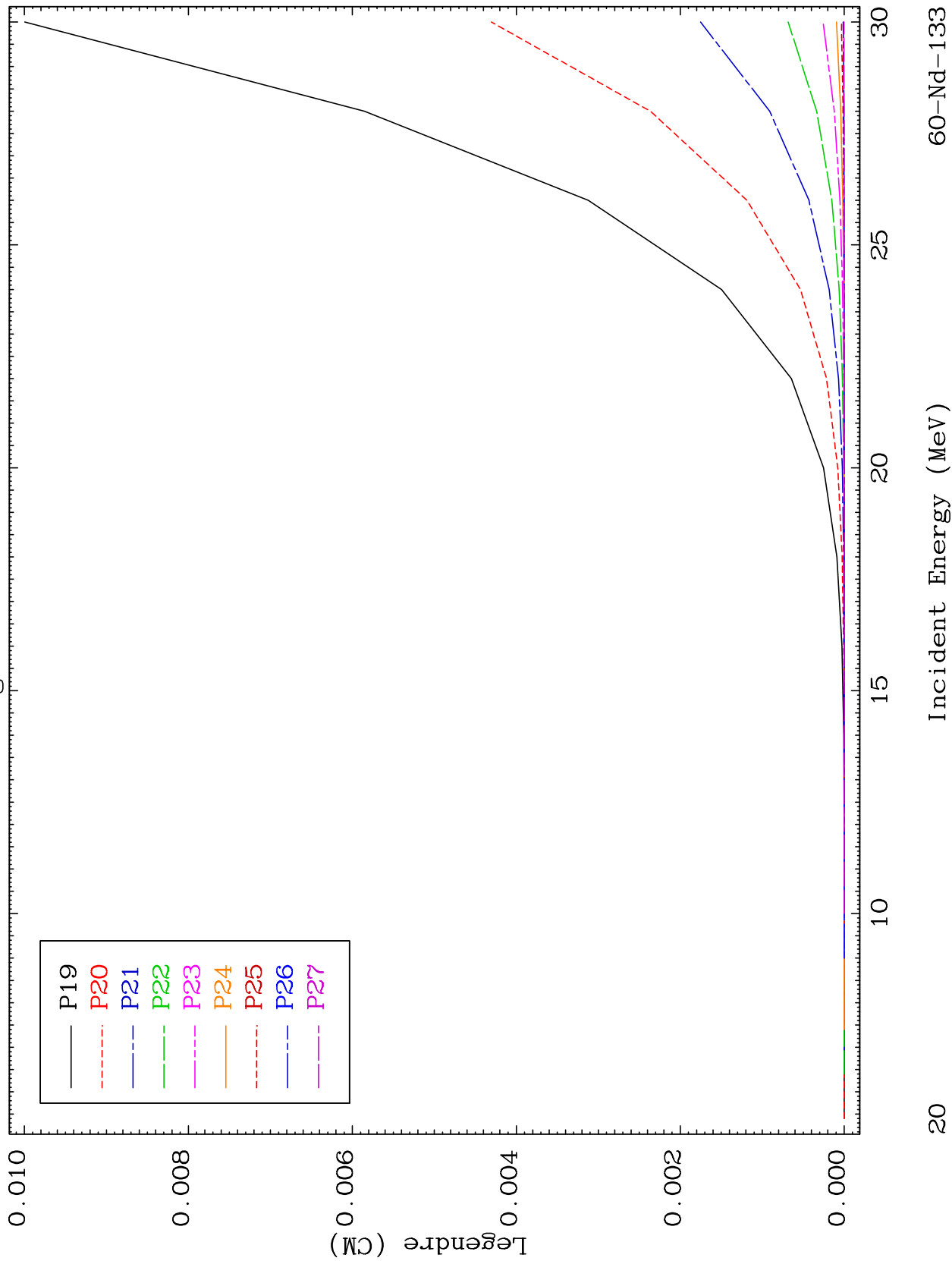
Incident Energy (MeV)

60-Nd-133

MAT 5998

### Elastic Legendre Coefficients

60-Nd-133



60-Nd-133

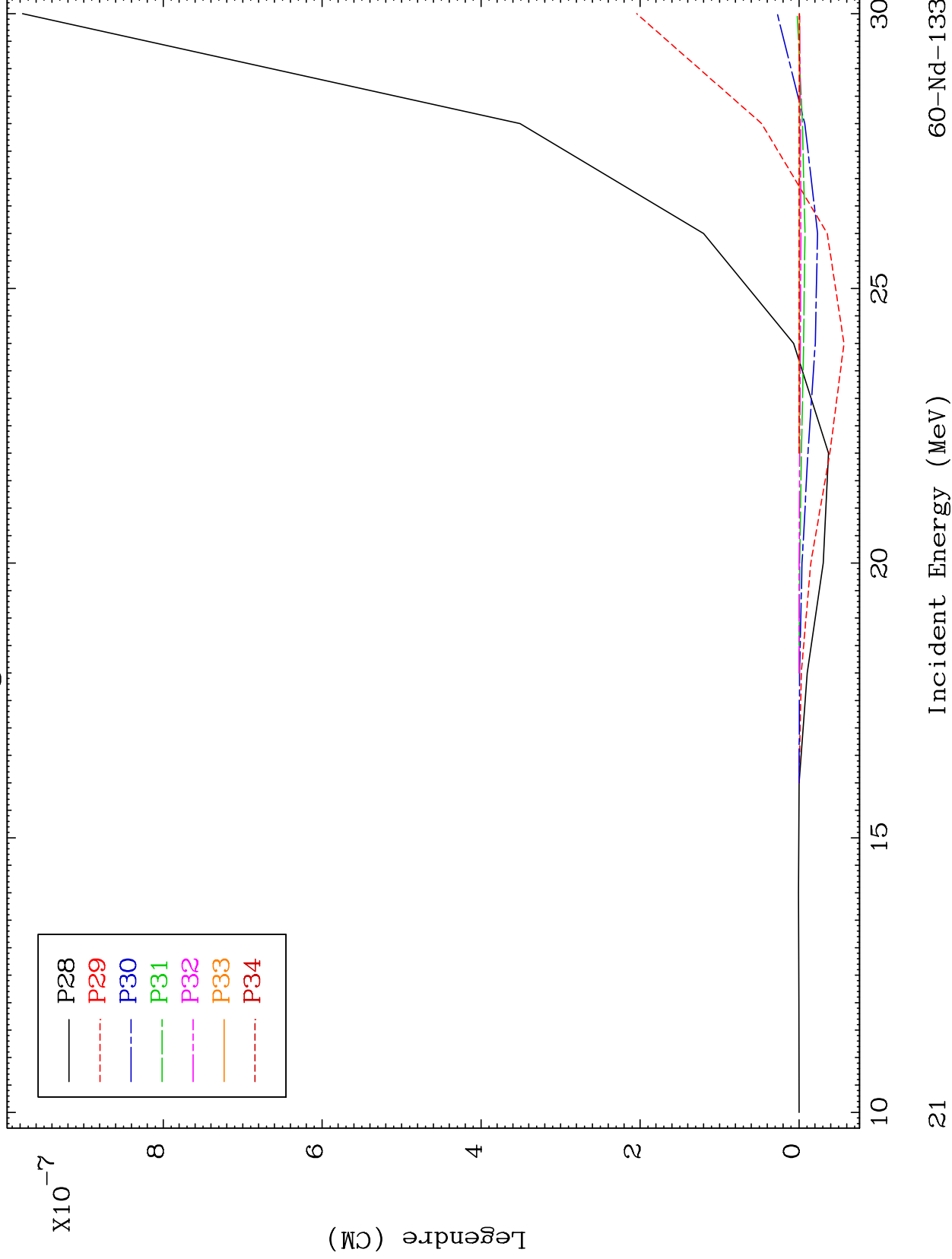
Incident Energy (MeV)

20

MAT 5998

Elastic  
Legendre Coefficients

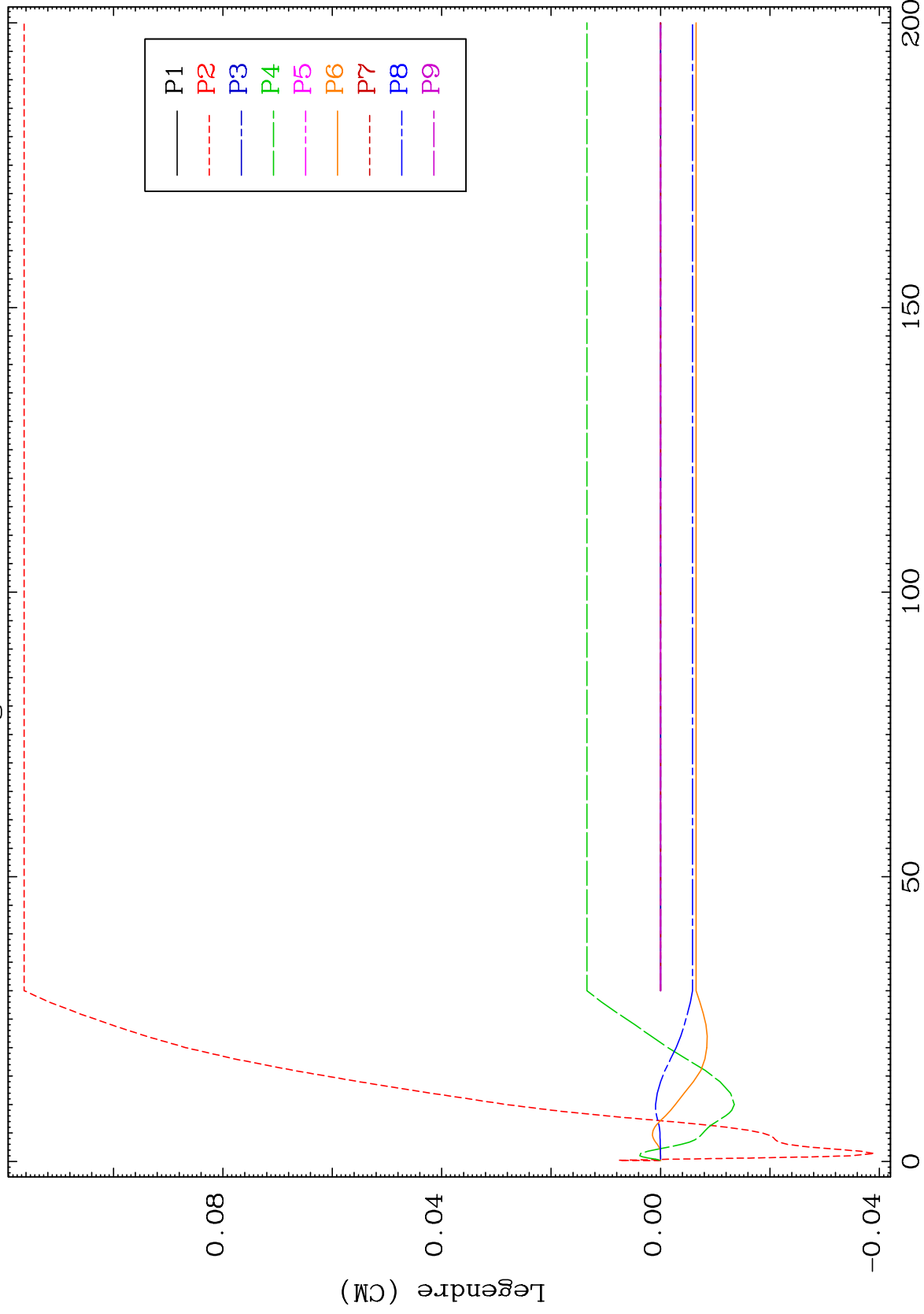
60-Nd-133



MAT 5998

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

60-Nd-133



60-Nd-133

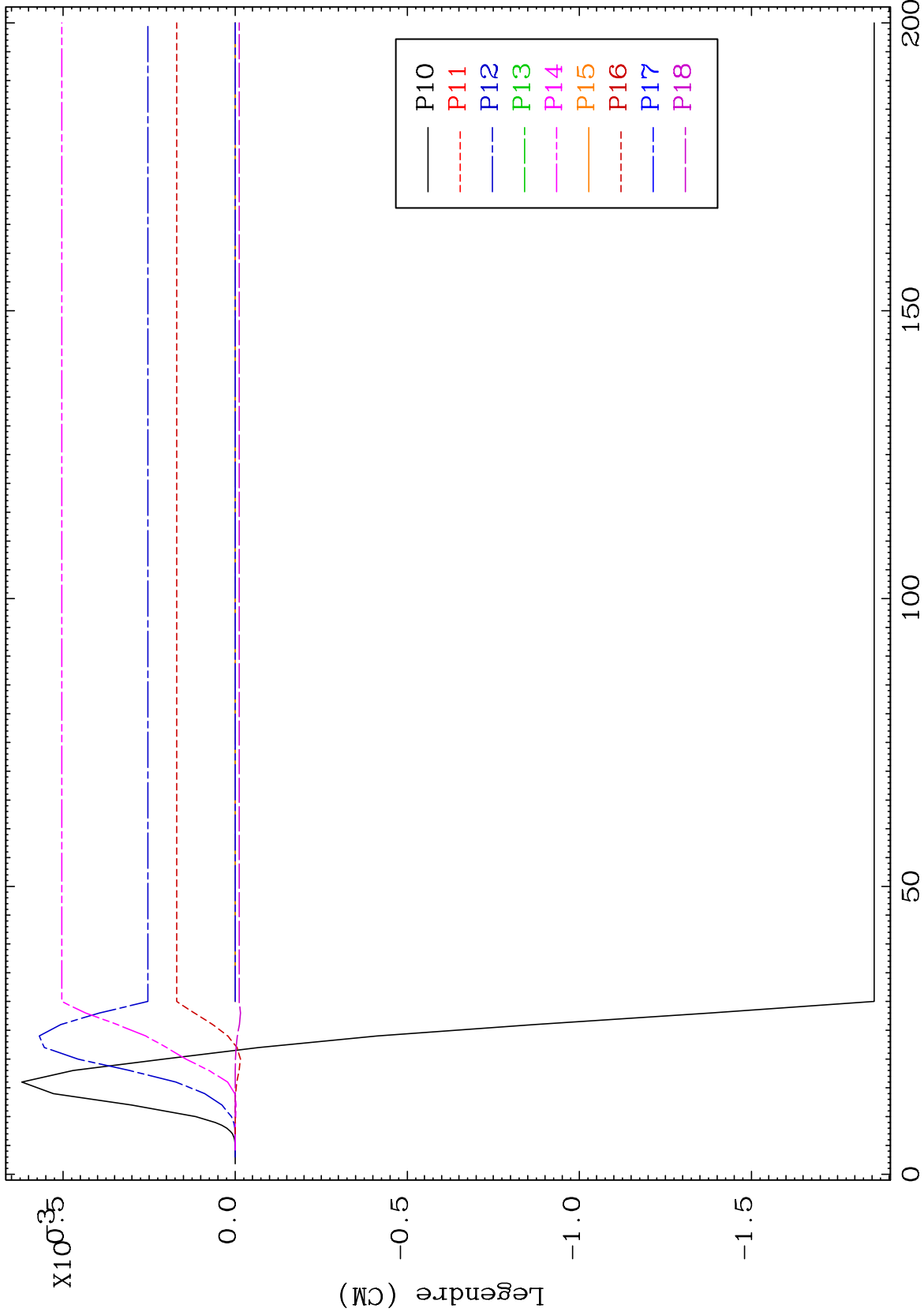
Incident Energy (MeV)

22

MAT 5998

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

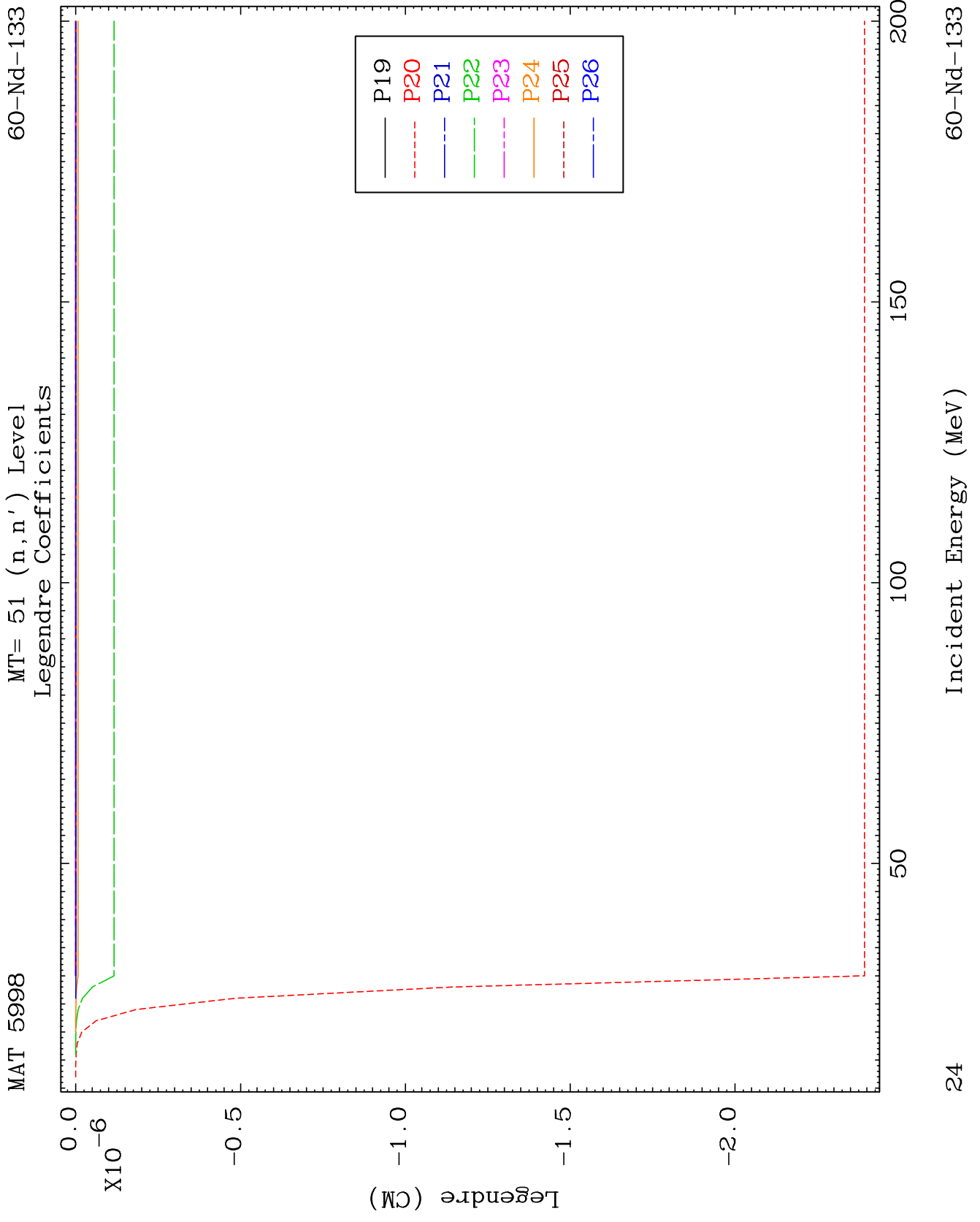
60-Nd-133



23

60-Nd-133



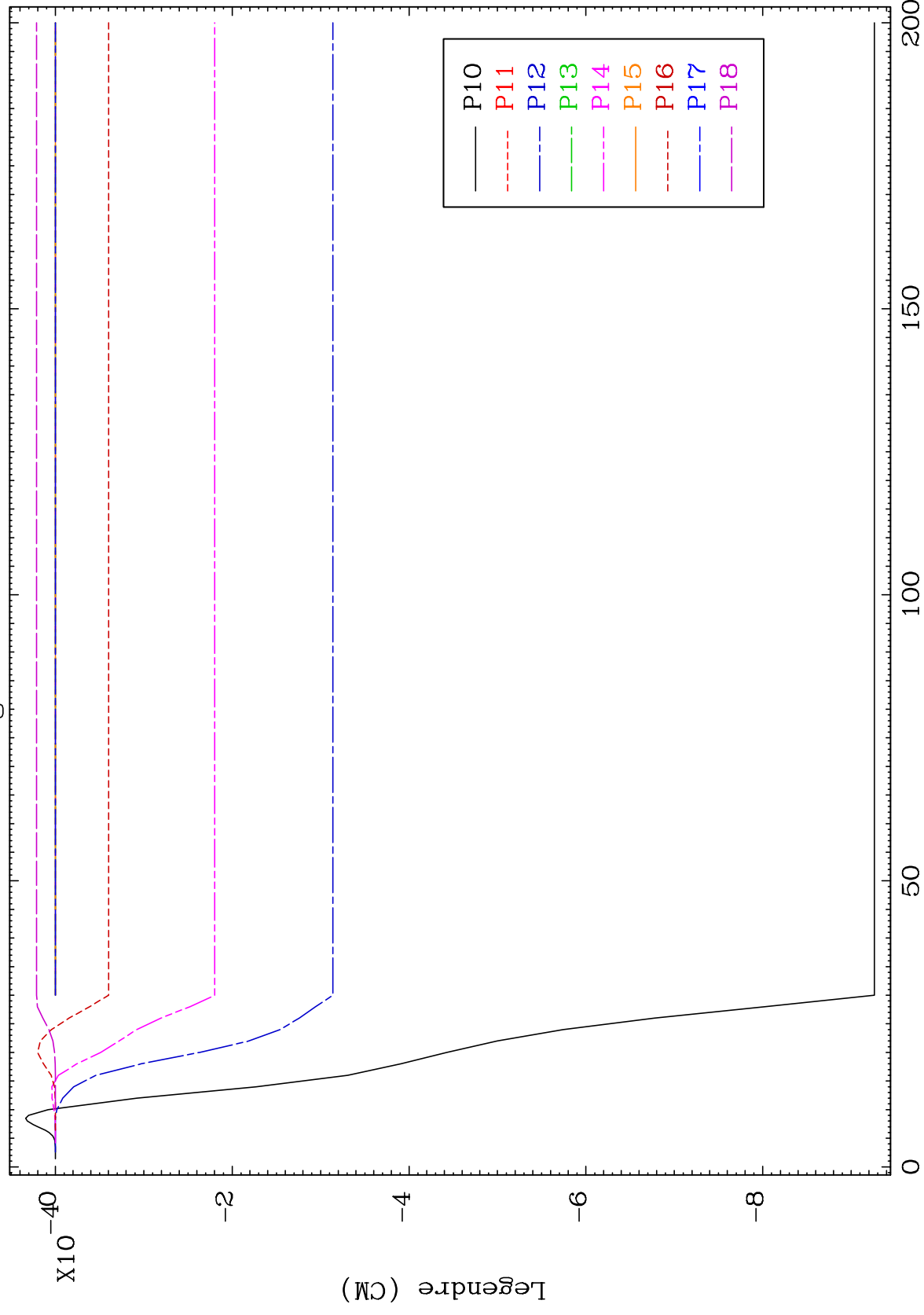




MAT 5998

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

60-Nd-133



26

Incident Energy (MeV)

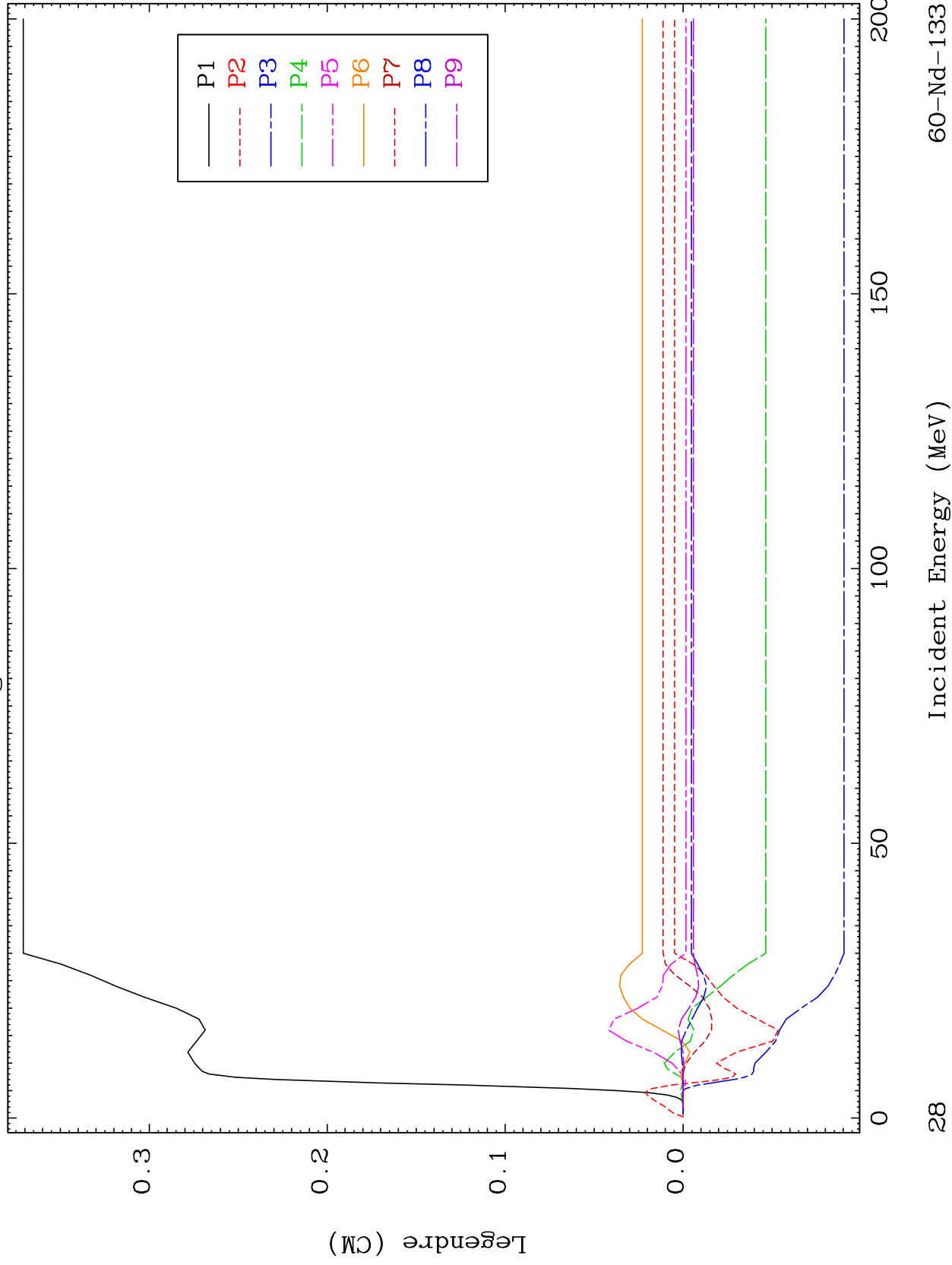
60-Nd-133



MAT 5998

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

60-Nd-133



60-Nd-133

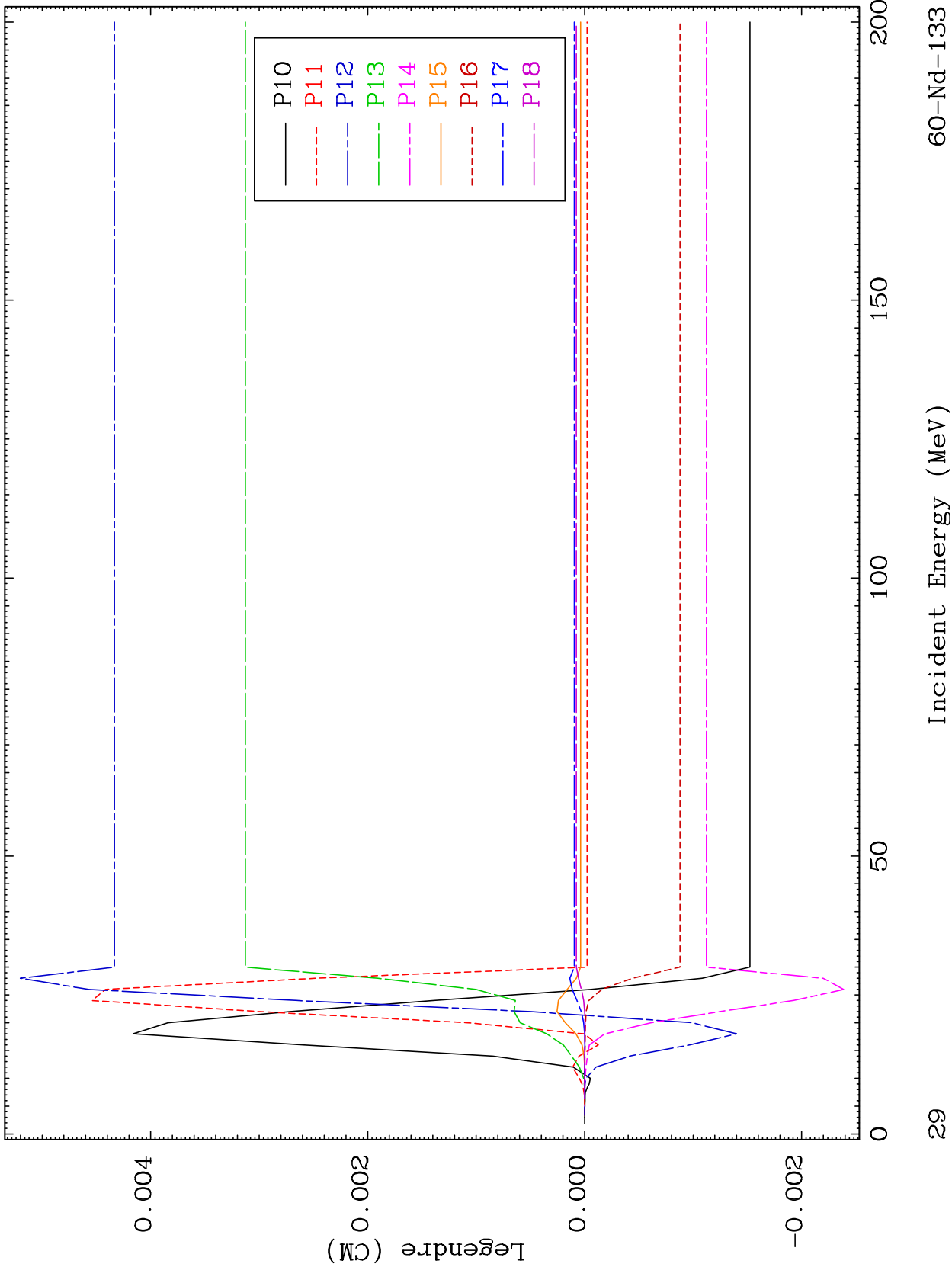
Incident Energy (MeV)

28

MAT 5998

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

60-Nd-133



60-Nd-133

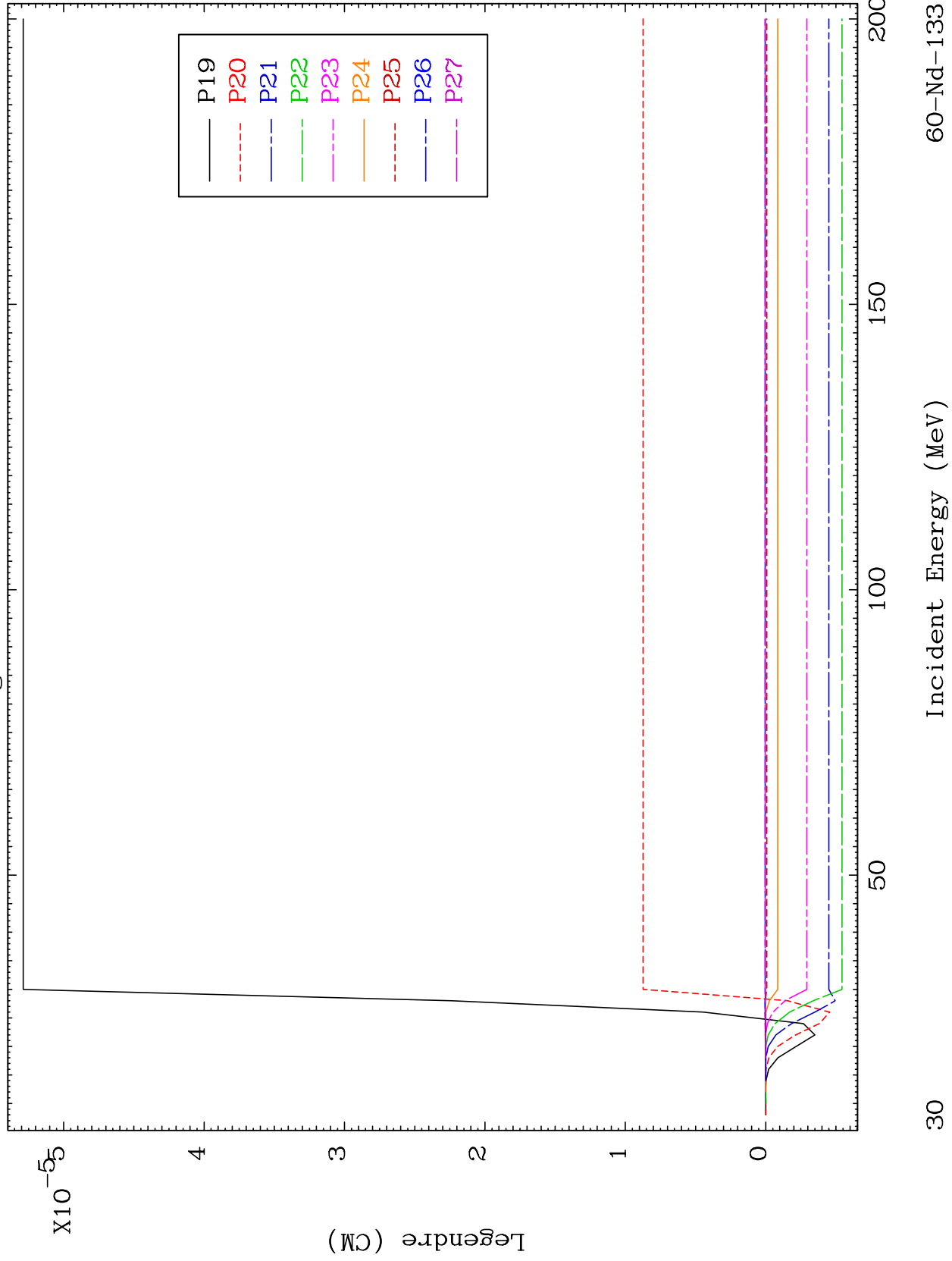
Incident Energy (MeV)

29

MAT 5998

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

60-Nd-133



60-Nd-133

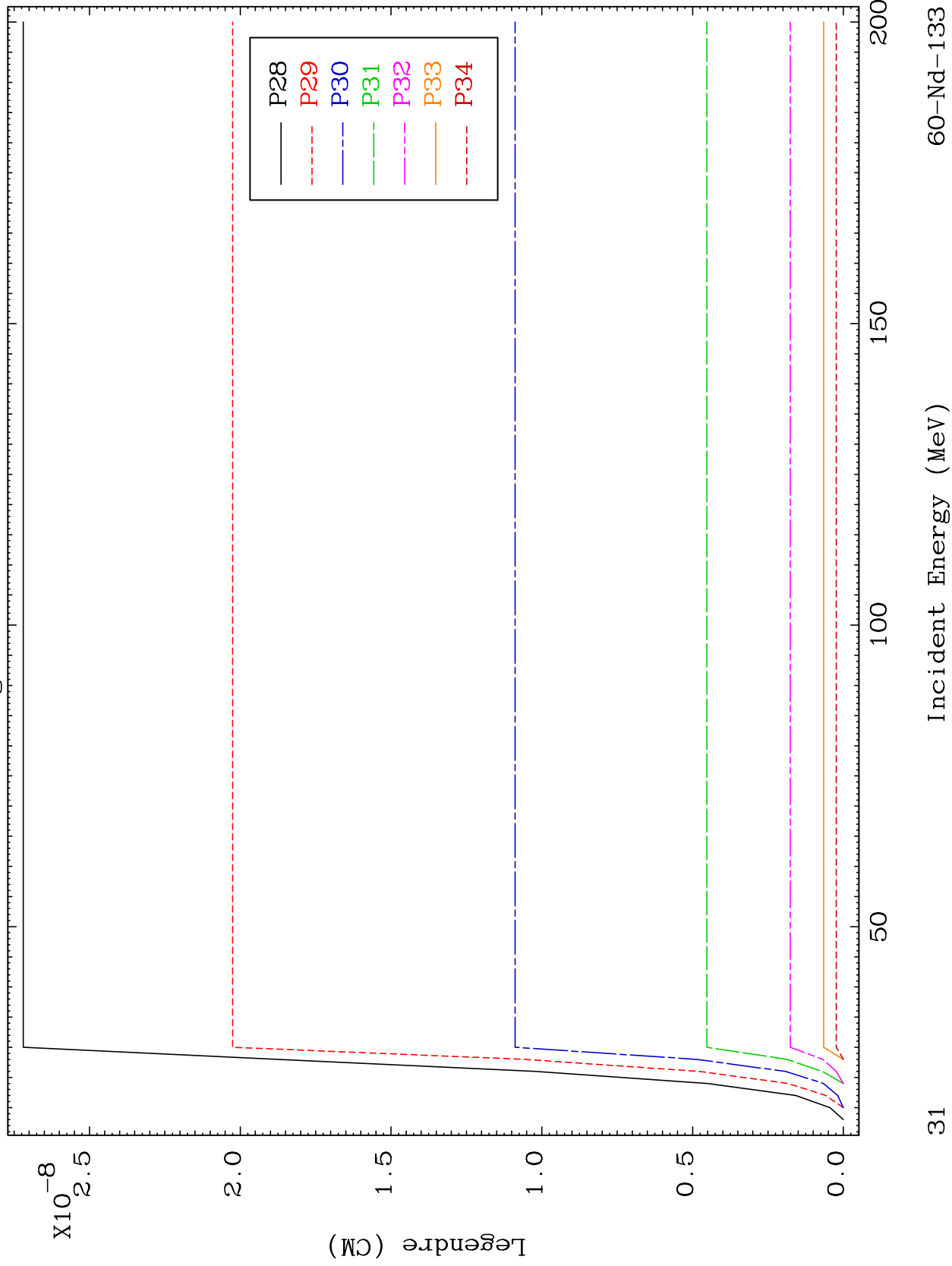
Incident Energy (MeV)

30

MAT 5998

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

60-Nd-133



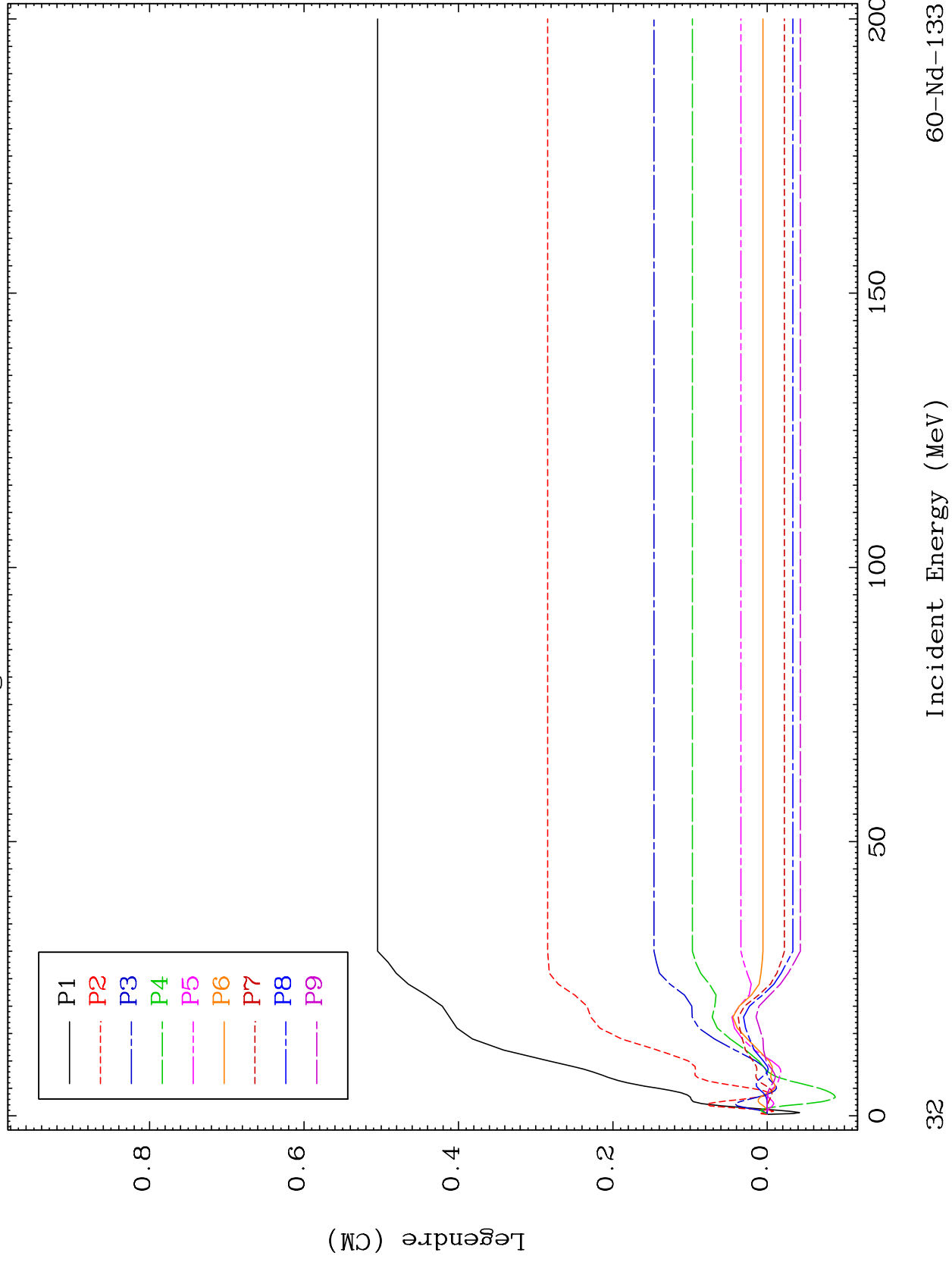
31



MAT 5998

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

60-Nd-133



60-Nd-133

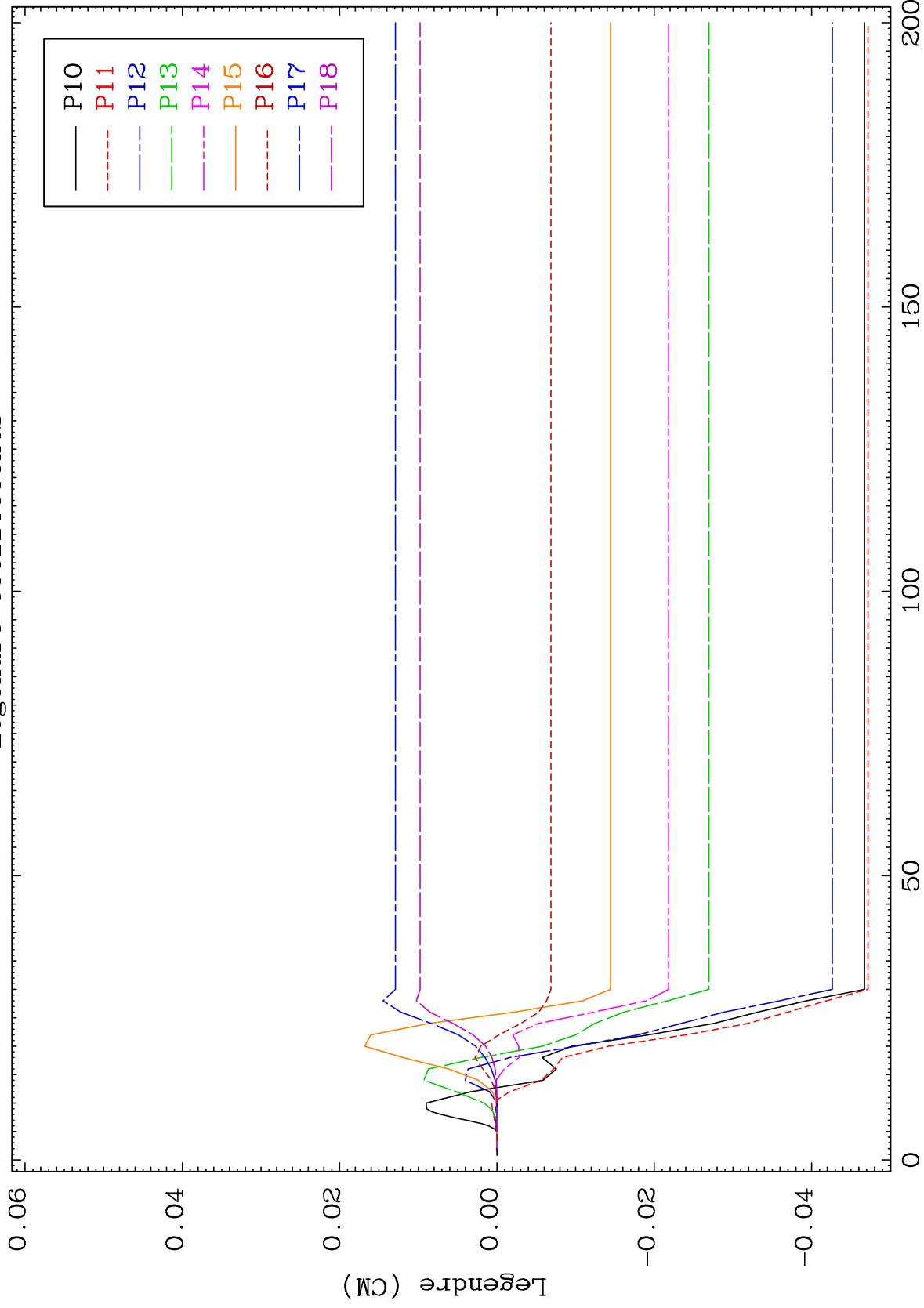
Incident Energy (MeV)

32

MAT 5998

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

60-Nd-133



33

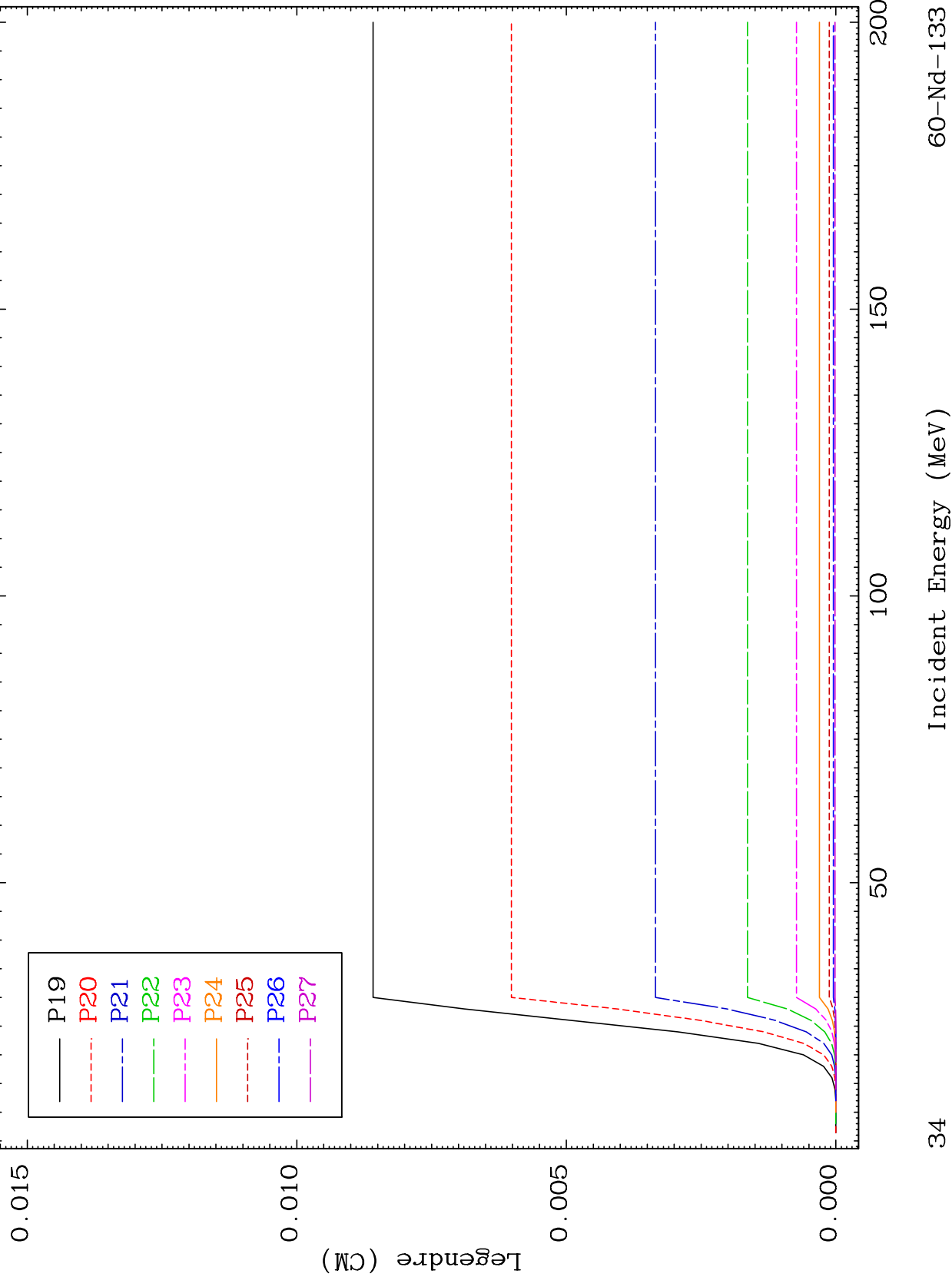
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



34

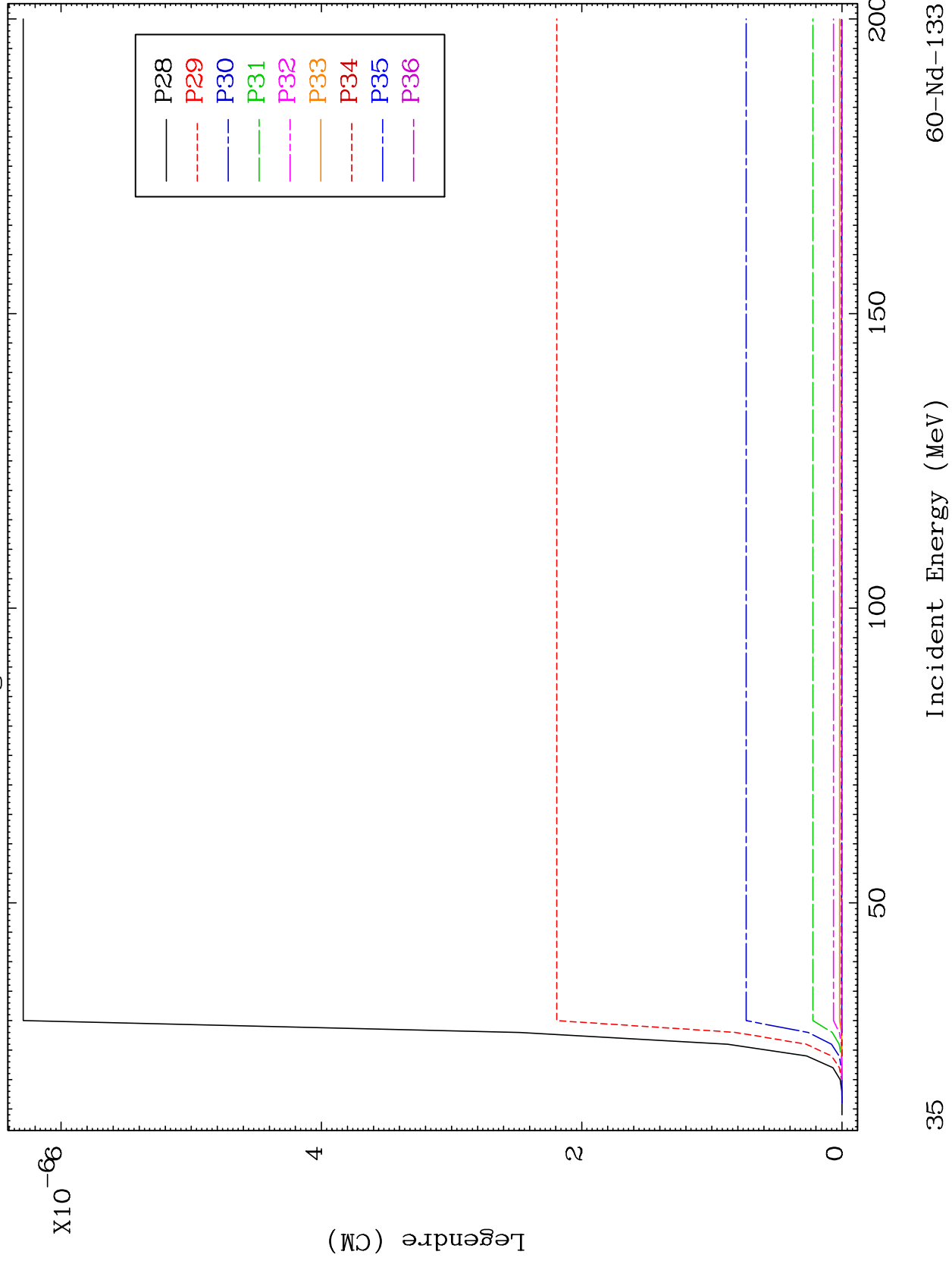
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



35

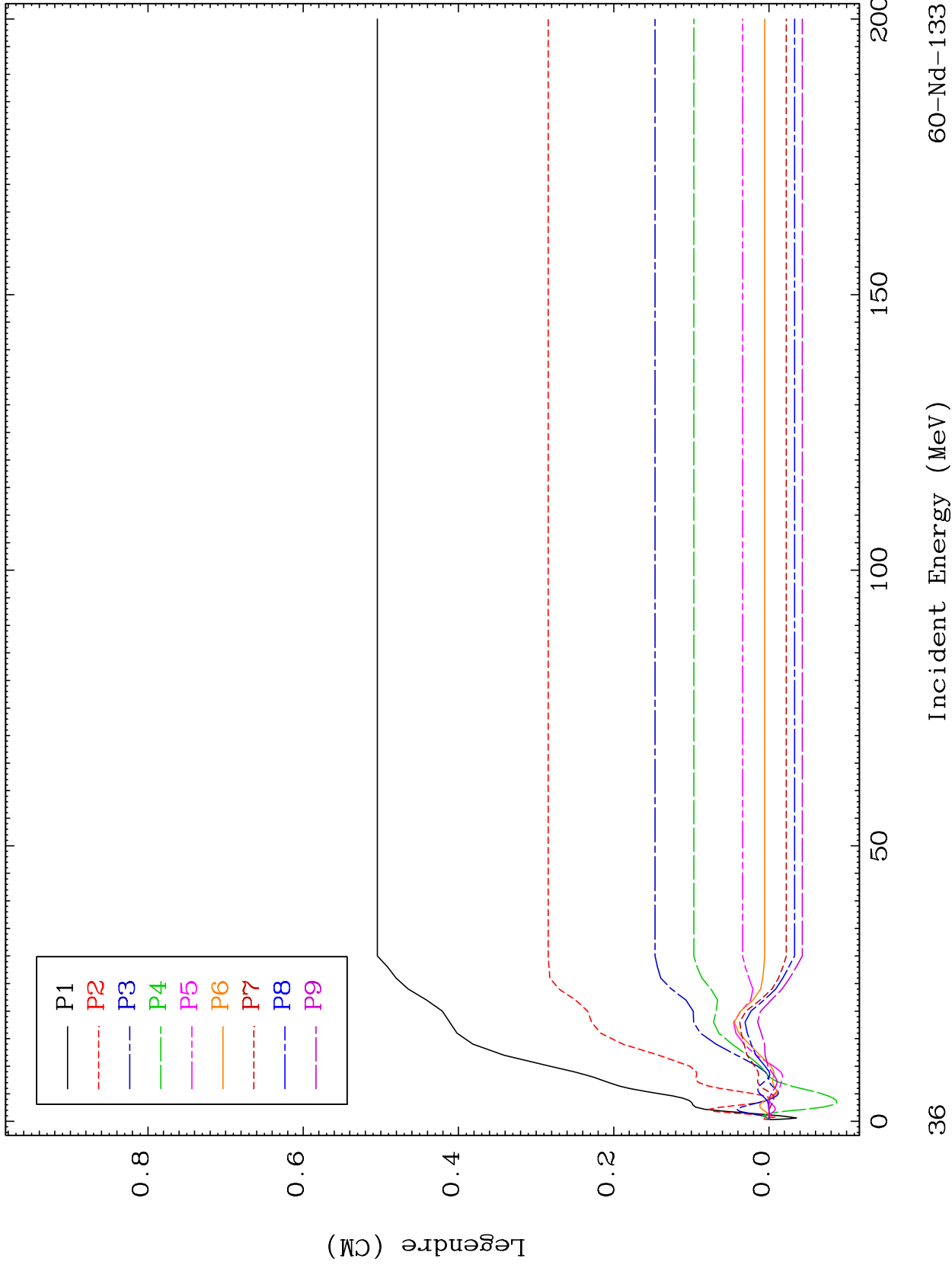
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



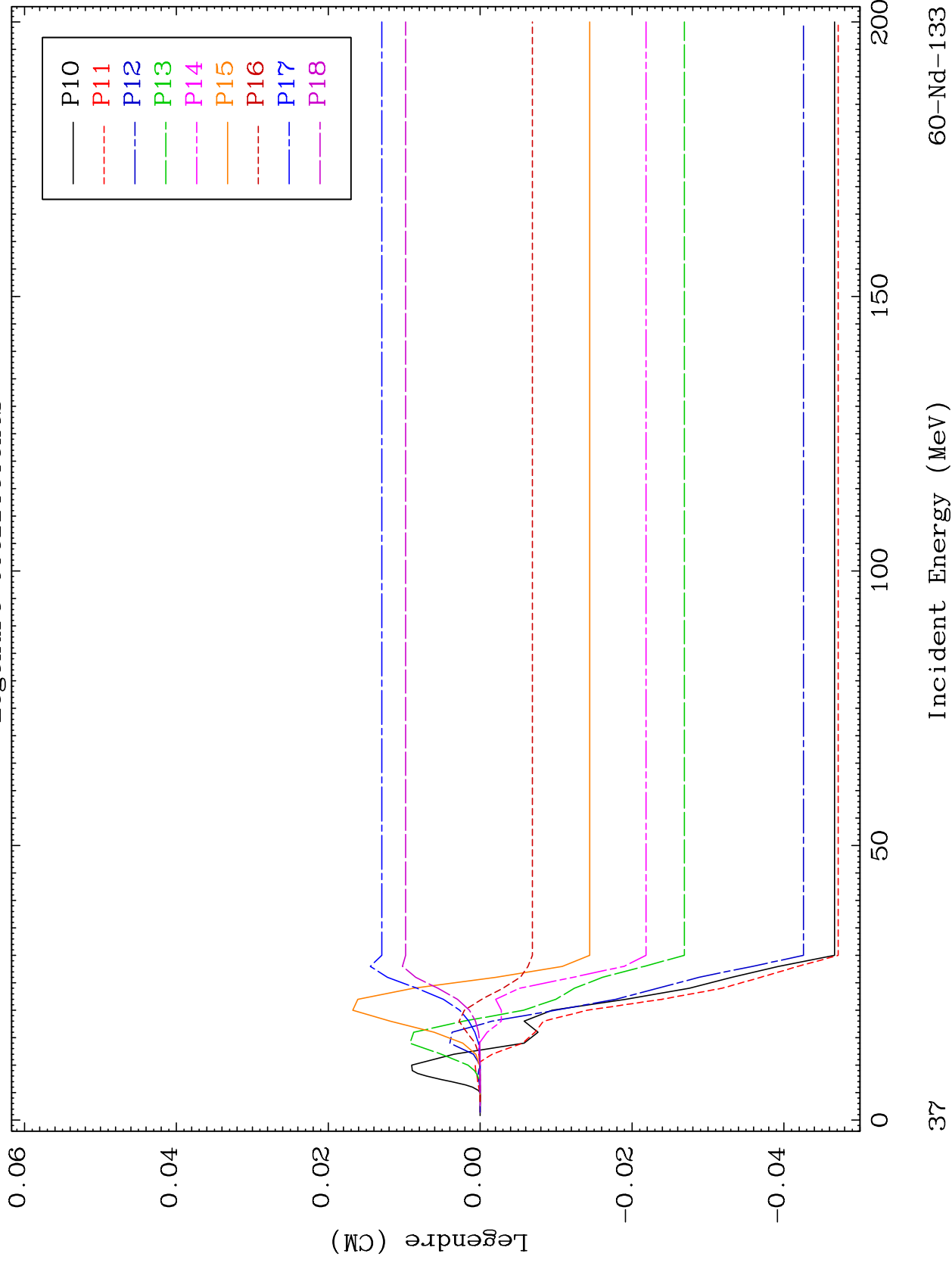
36

60-Nd-133

MAT 5998

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

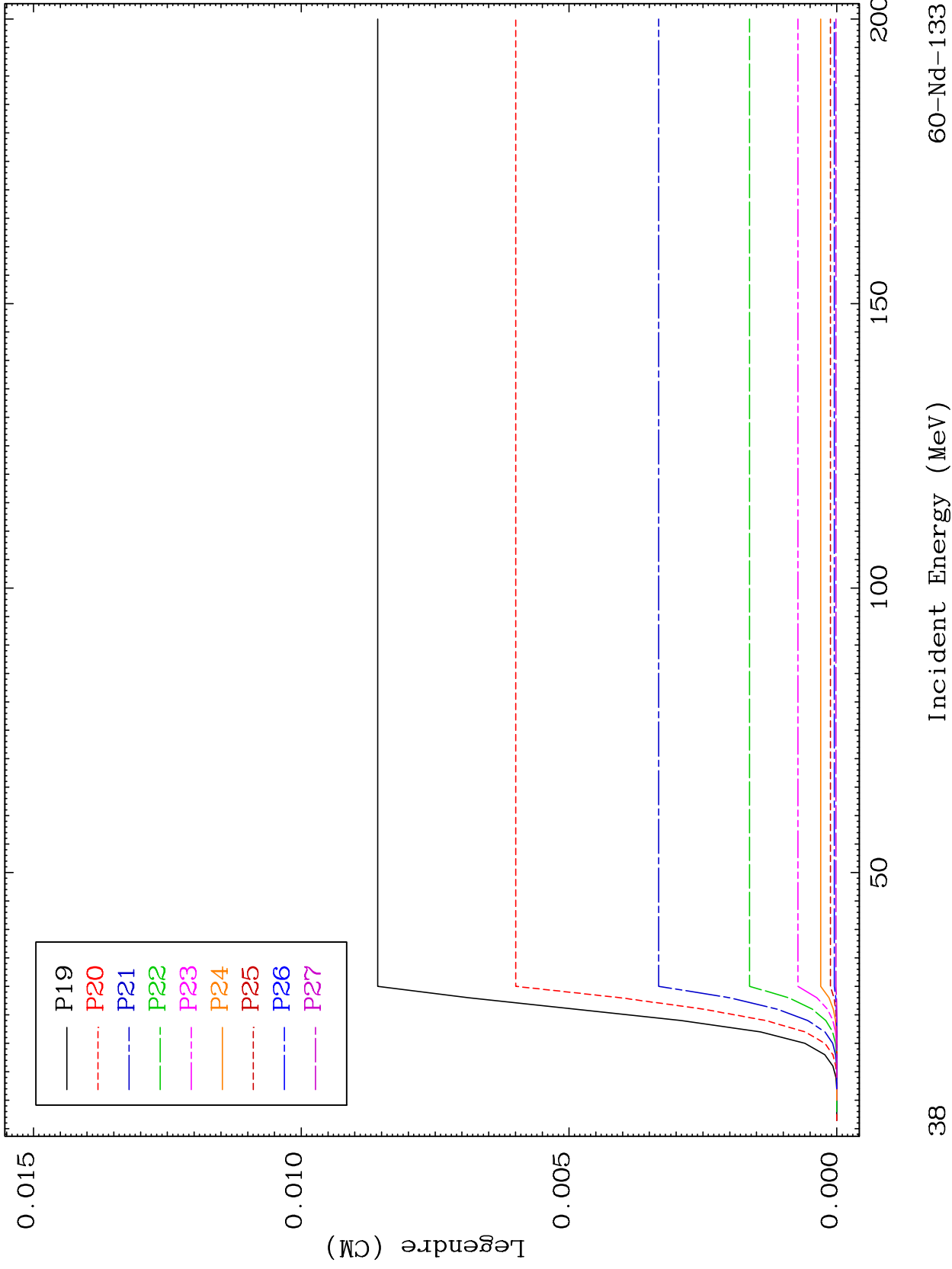
60-Nd-133



60-Nd-133

Incident Energy (MeV)

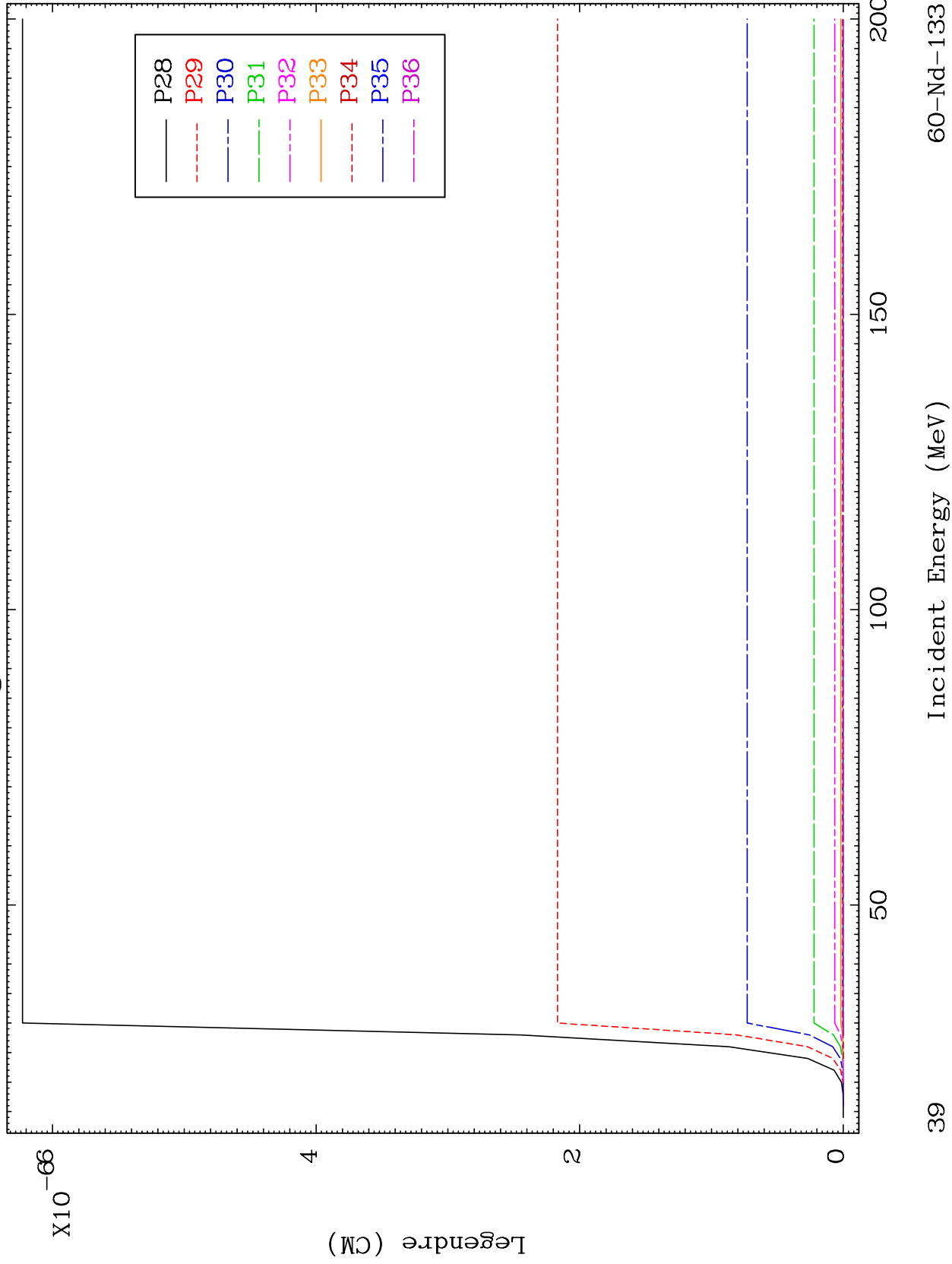
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MAT 5998

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

60-Nd-133

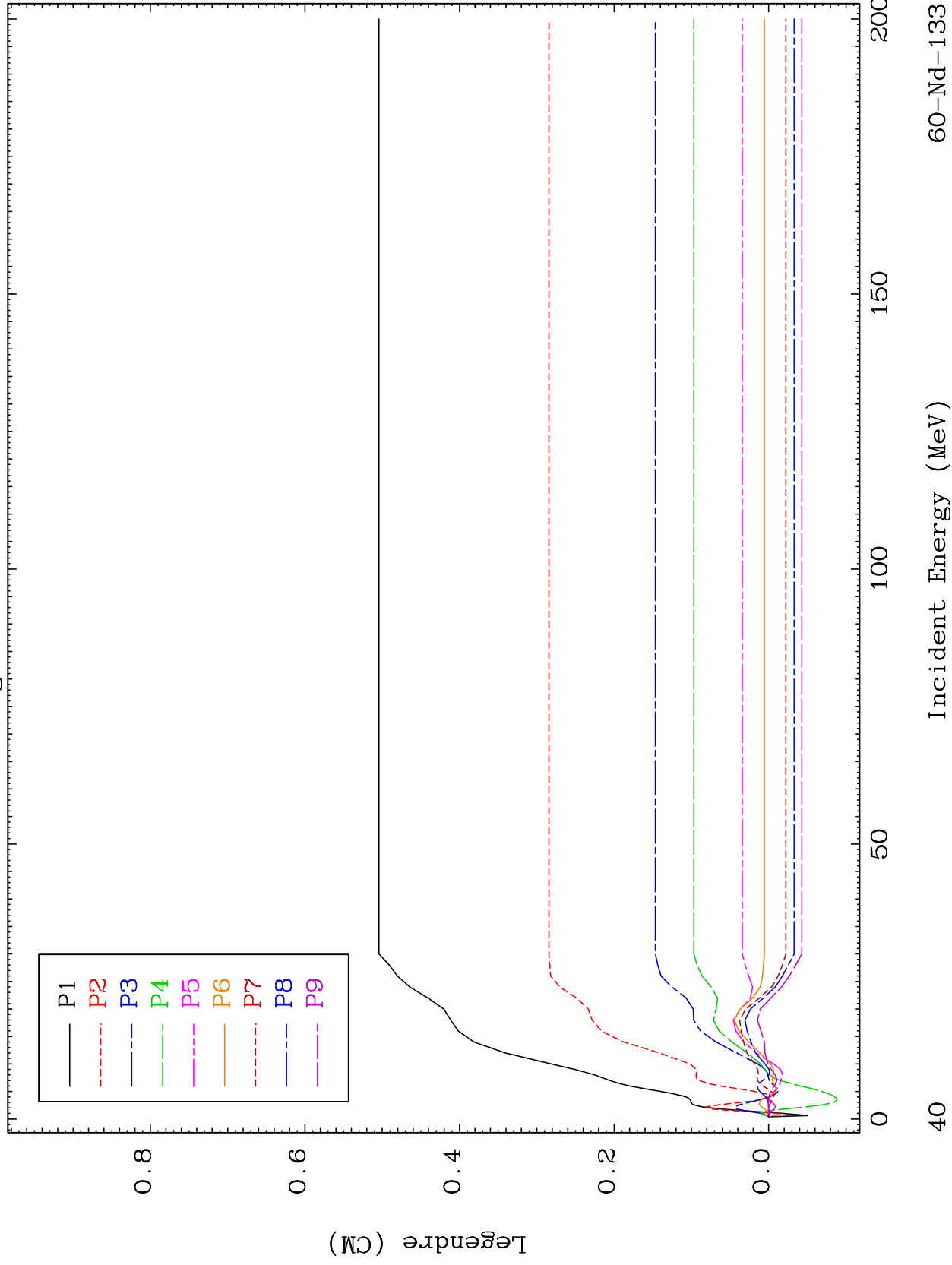




MAT 5998

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

60-Nd-133



60-Nd-133

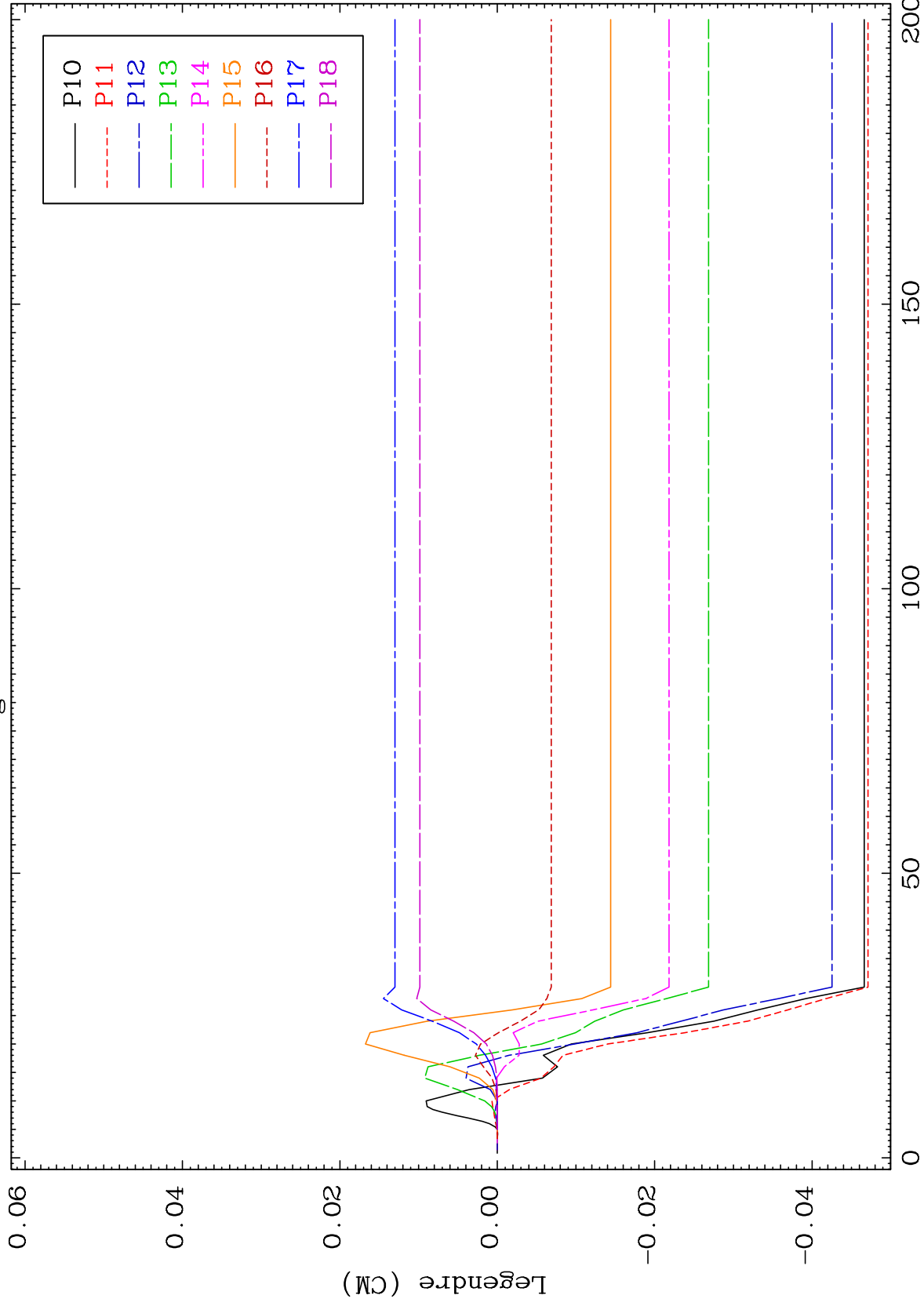
Incident Energy (MeV)

40

MAT 5998

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

60-Nd-133



41

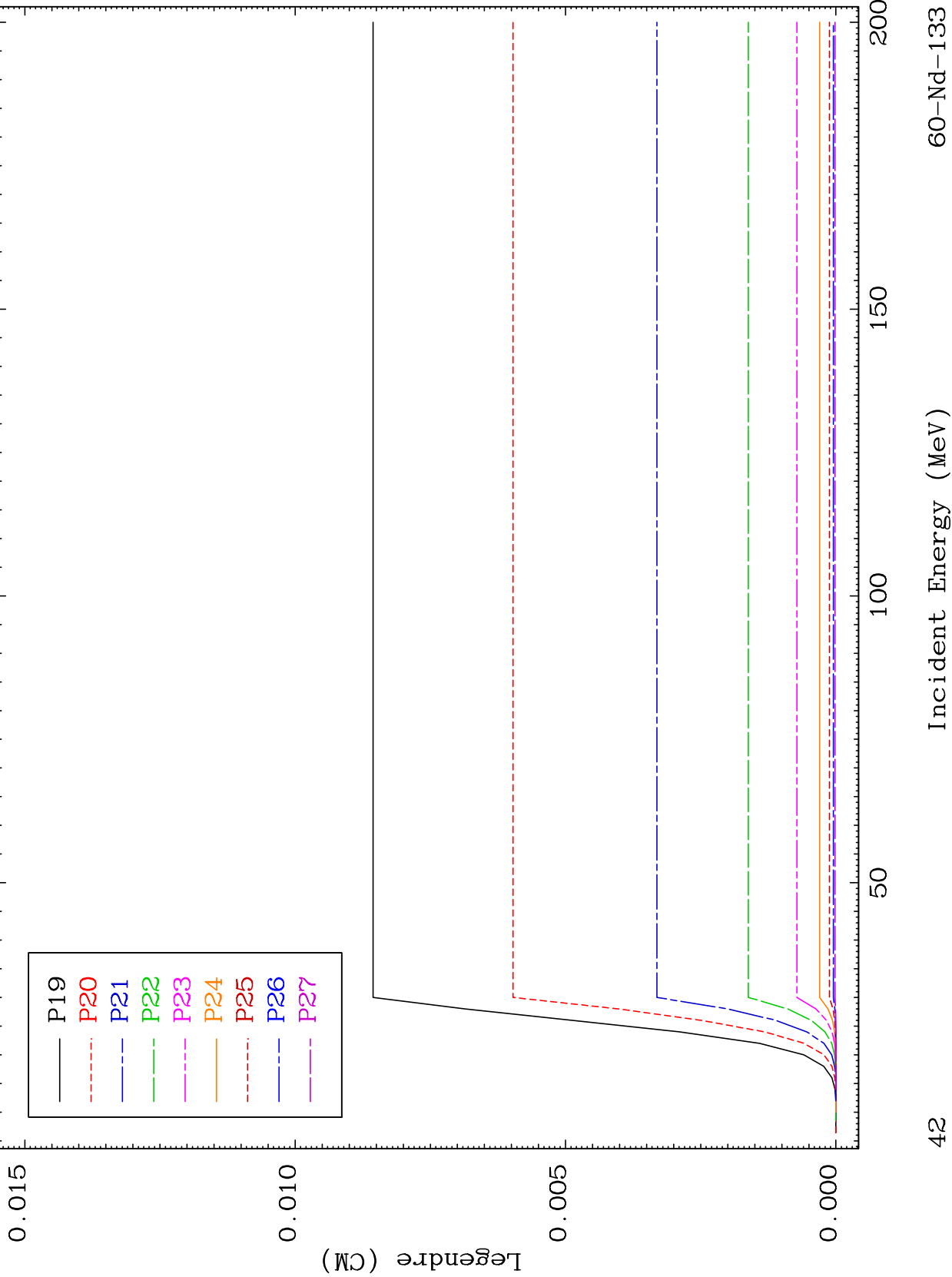
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



42

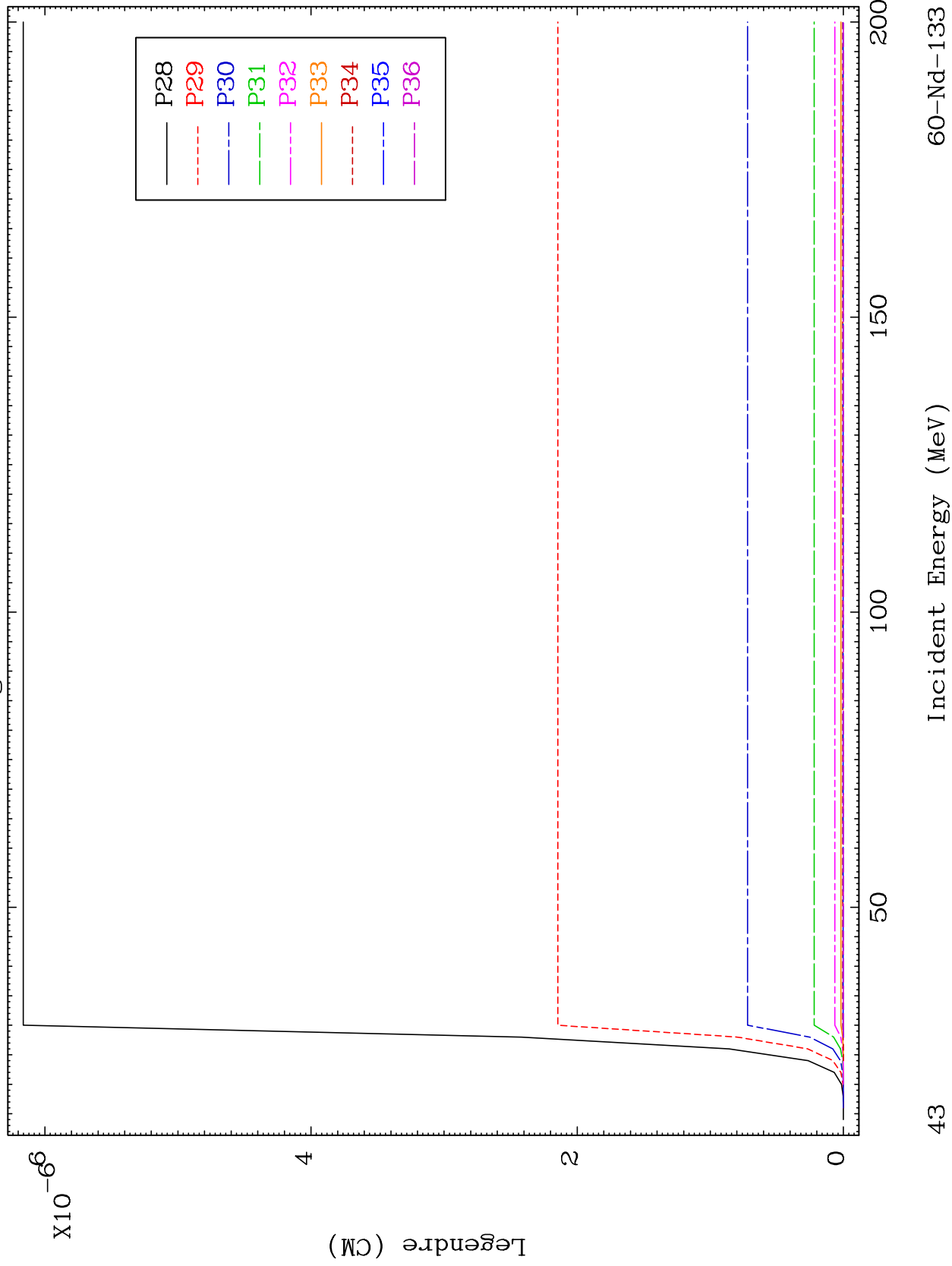
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



43

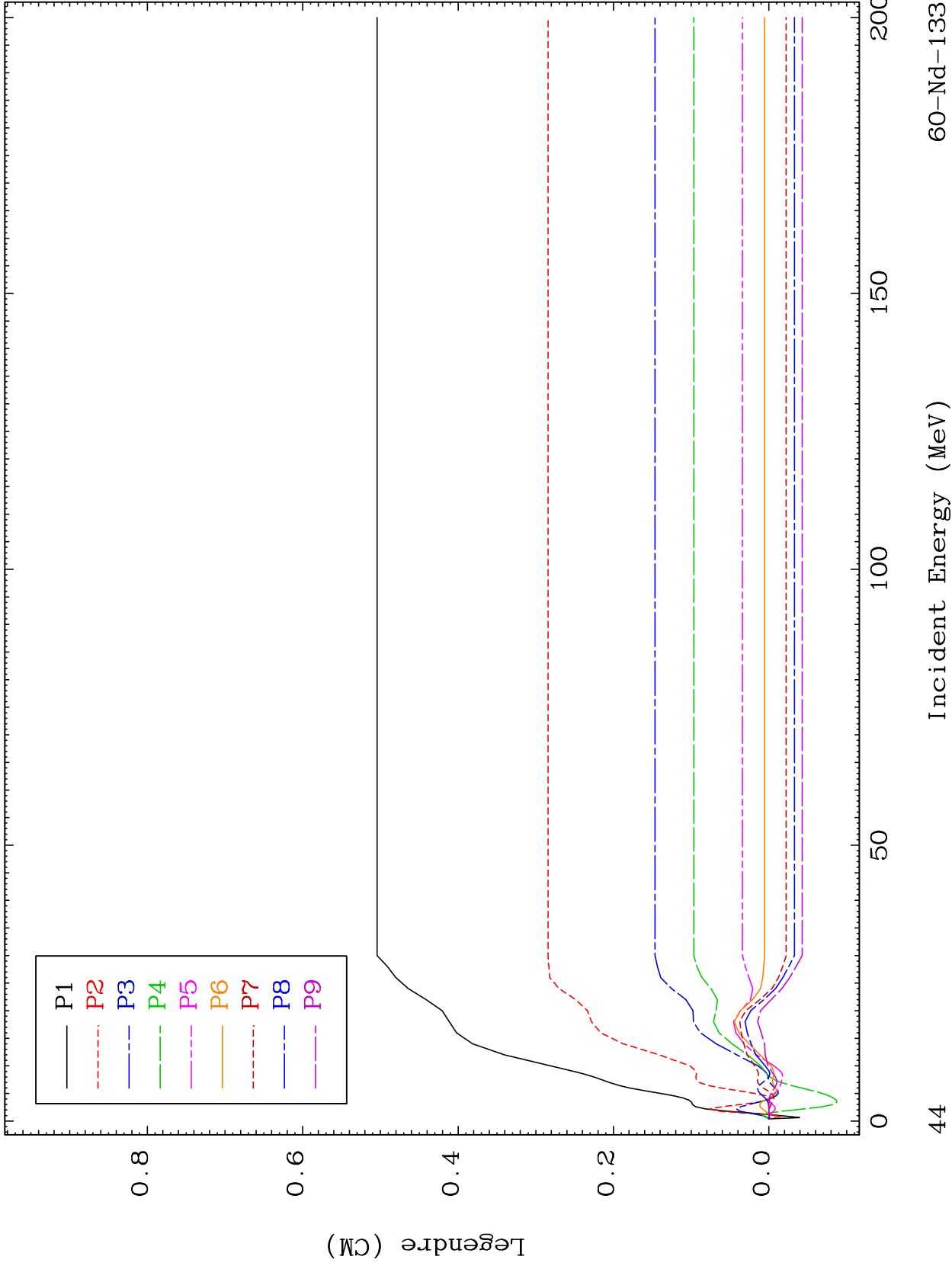
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



60-Nd-133

Incident Energy (MeV)

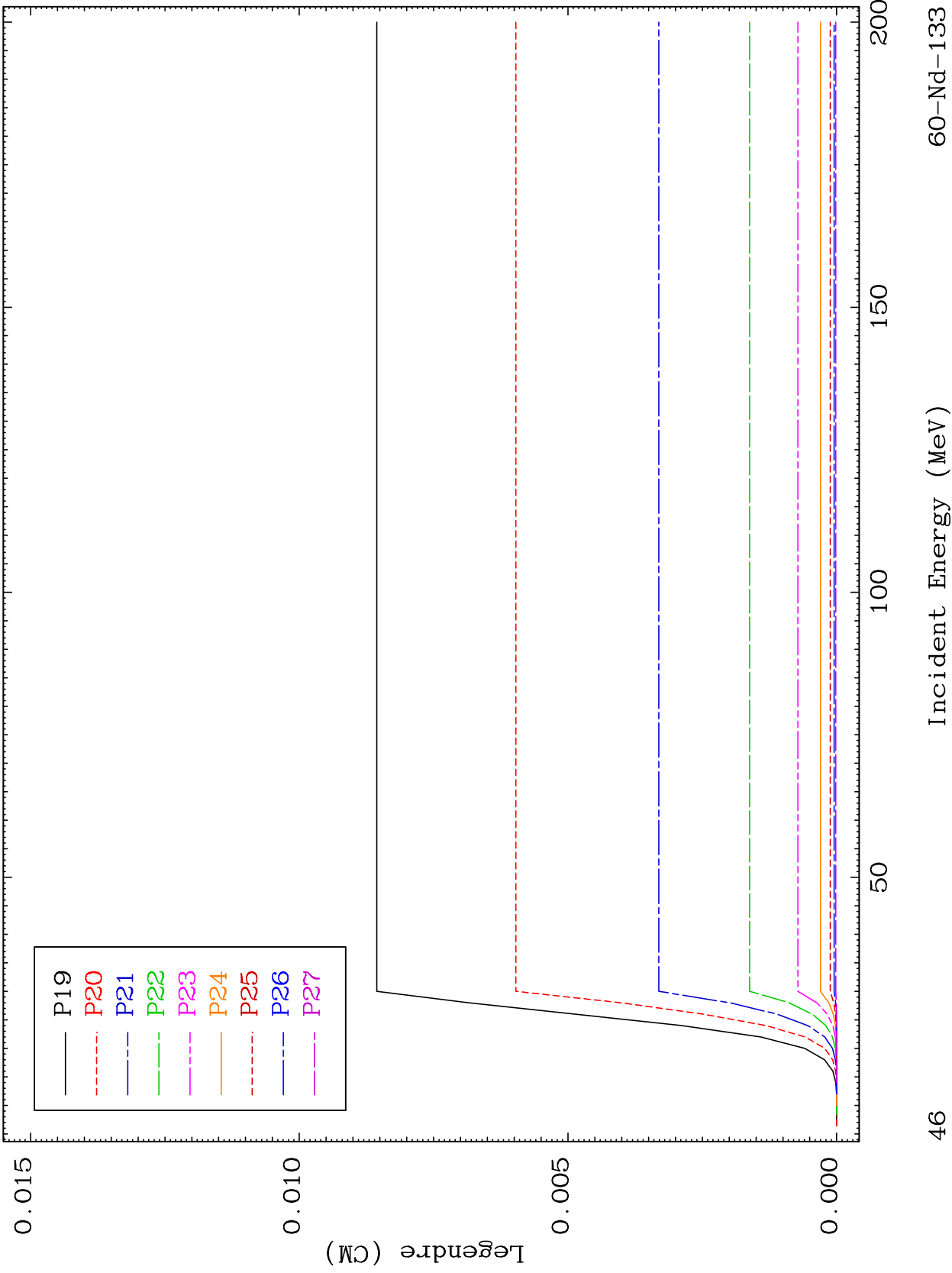
44



MAT 5998

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

60-Nd-133



46

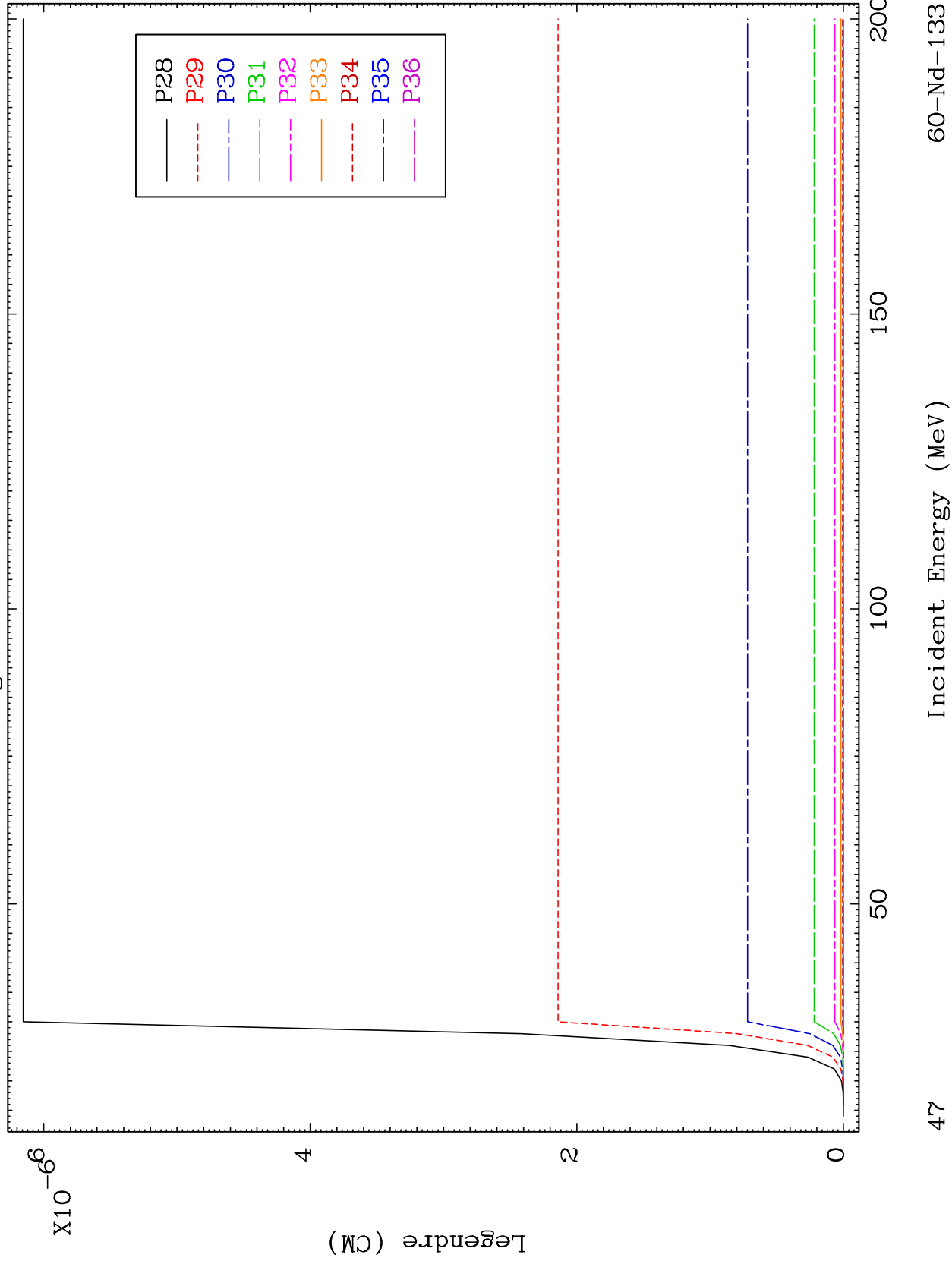
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



47

Incident Energy (MeV)

60-Nd-133

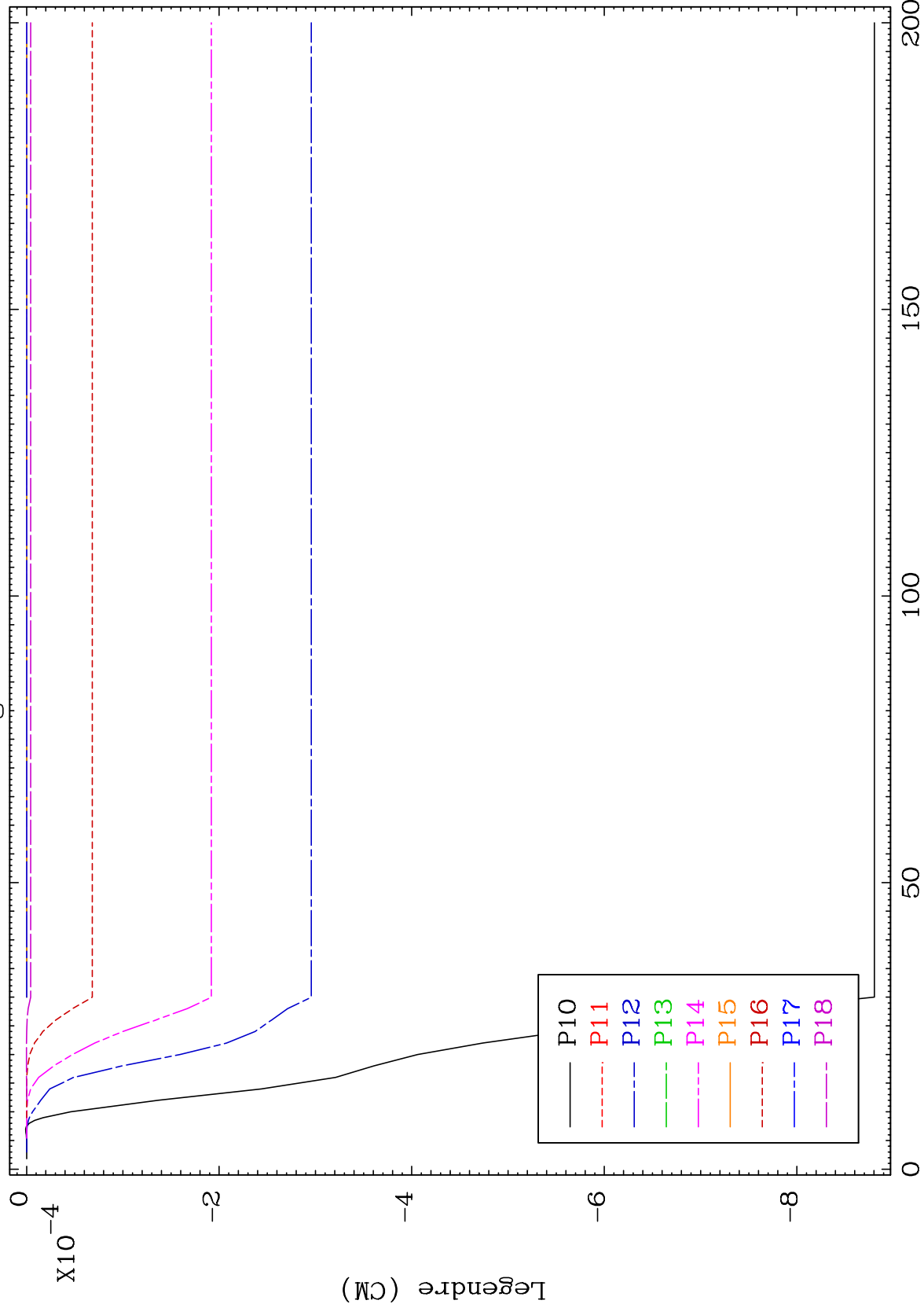




MAT 5998

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

60-Nd-133



49

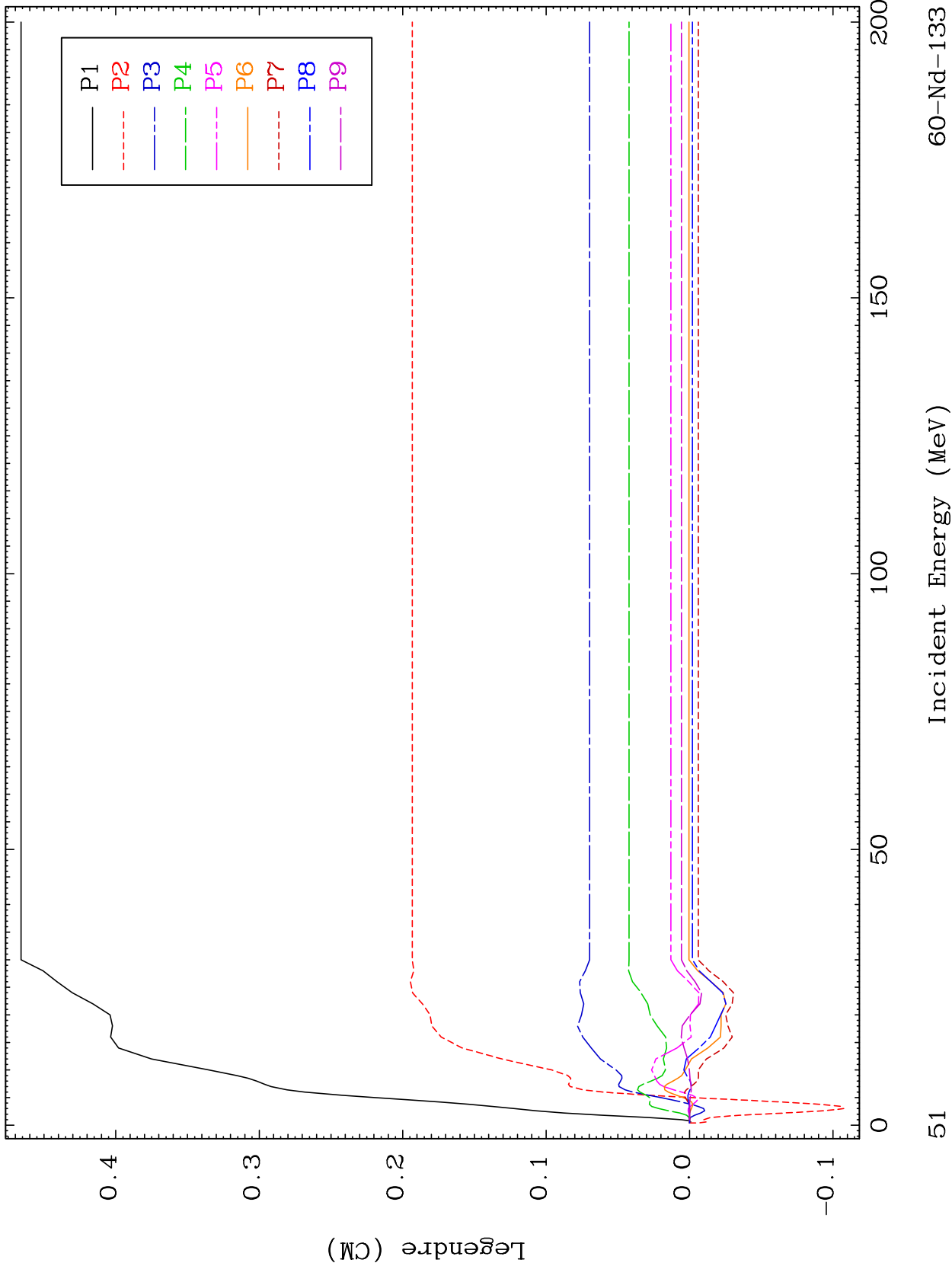
60-Nd-133



MAT 5998

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

60-Nd-133

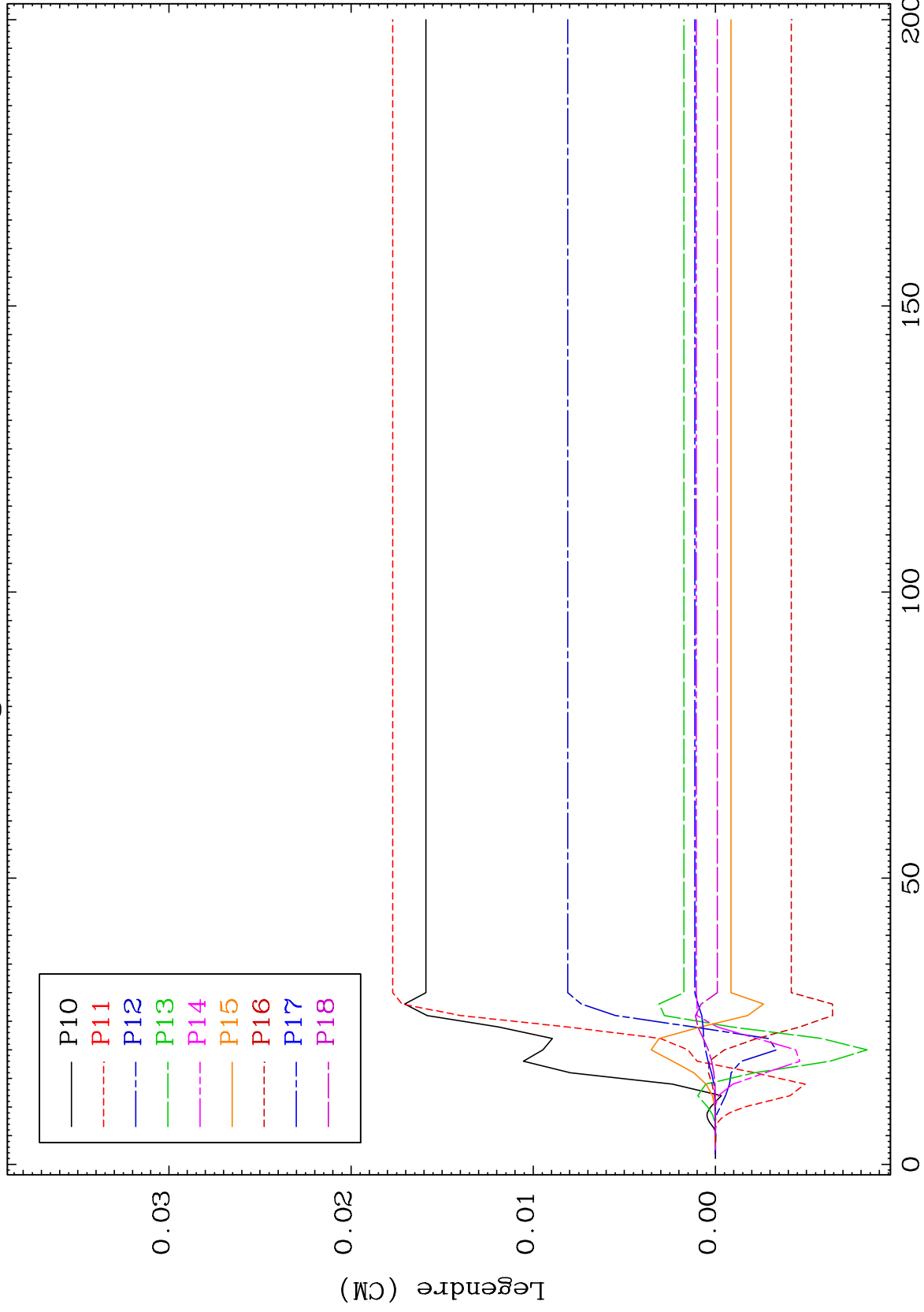


51

MAT 5998

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

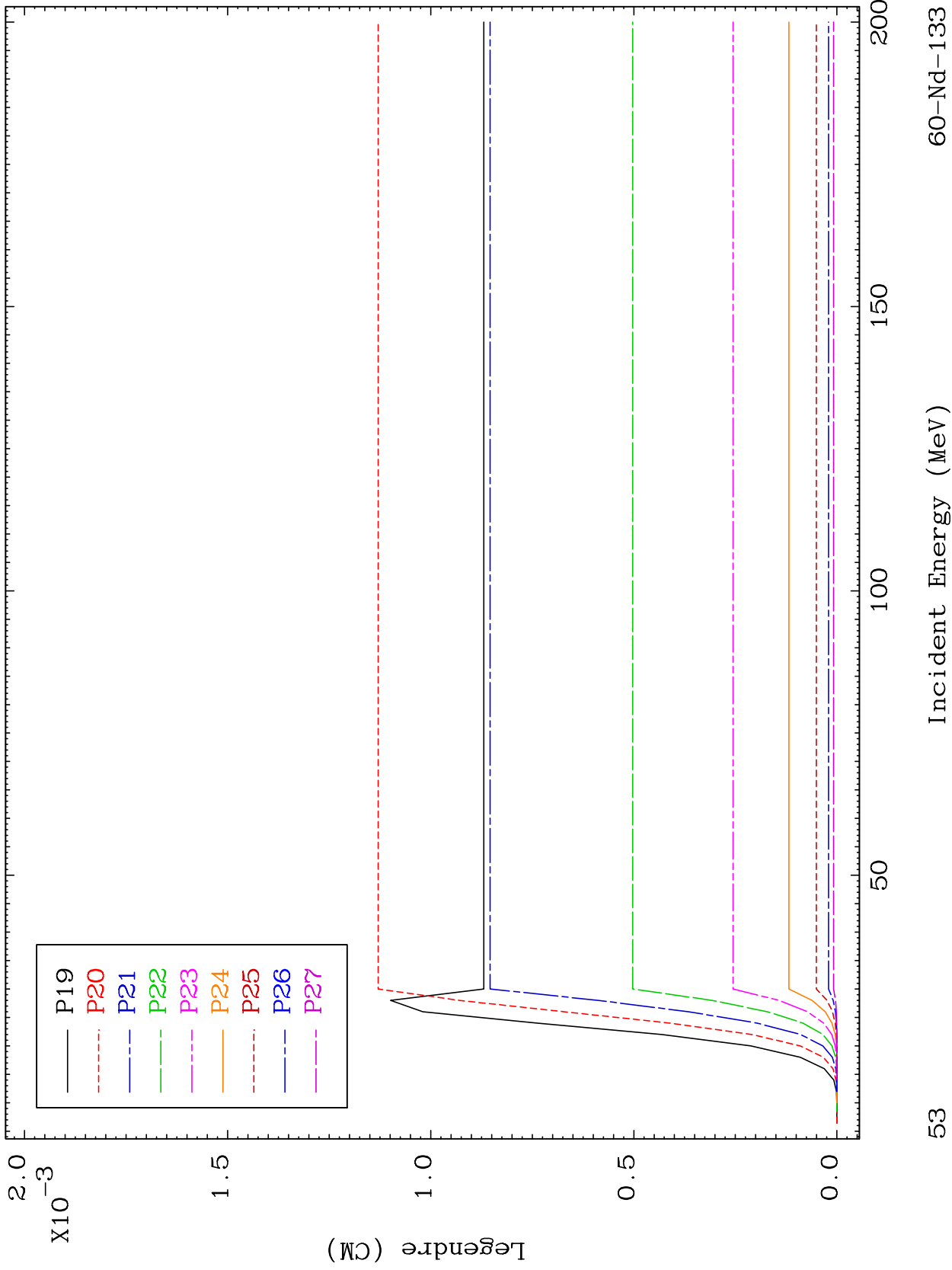
60-Nd-133



52

Incident Energy (MeV)

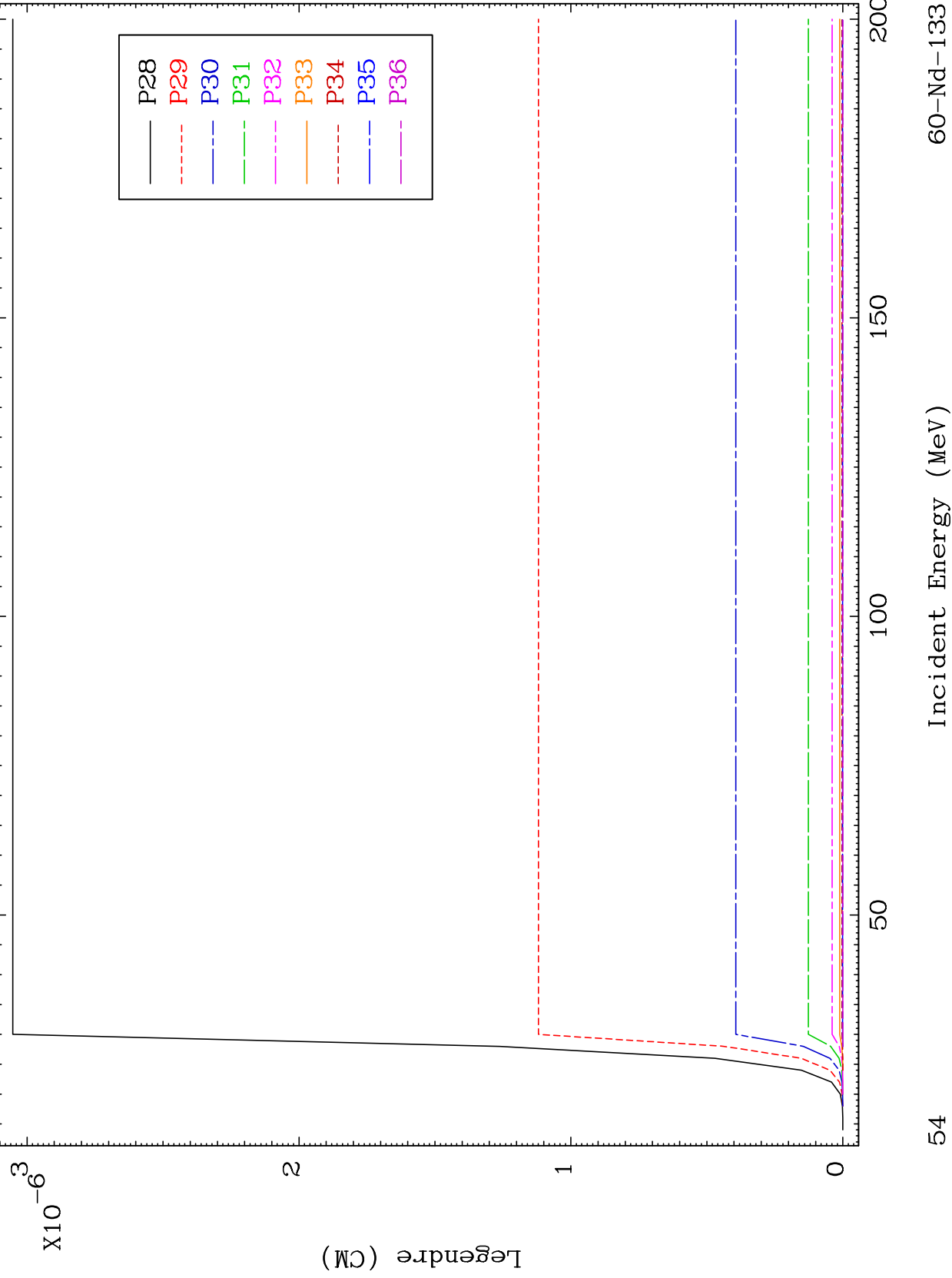
60-Nd-133



MAT 5998

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

60-Nd-133



54

Incident Energy (MeV)

60-Nd-133

200

150

100

50

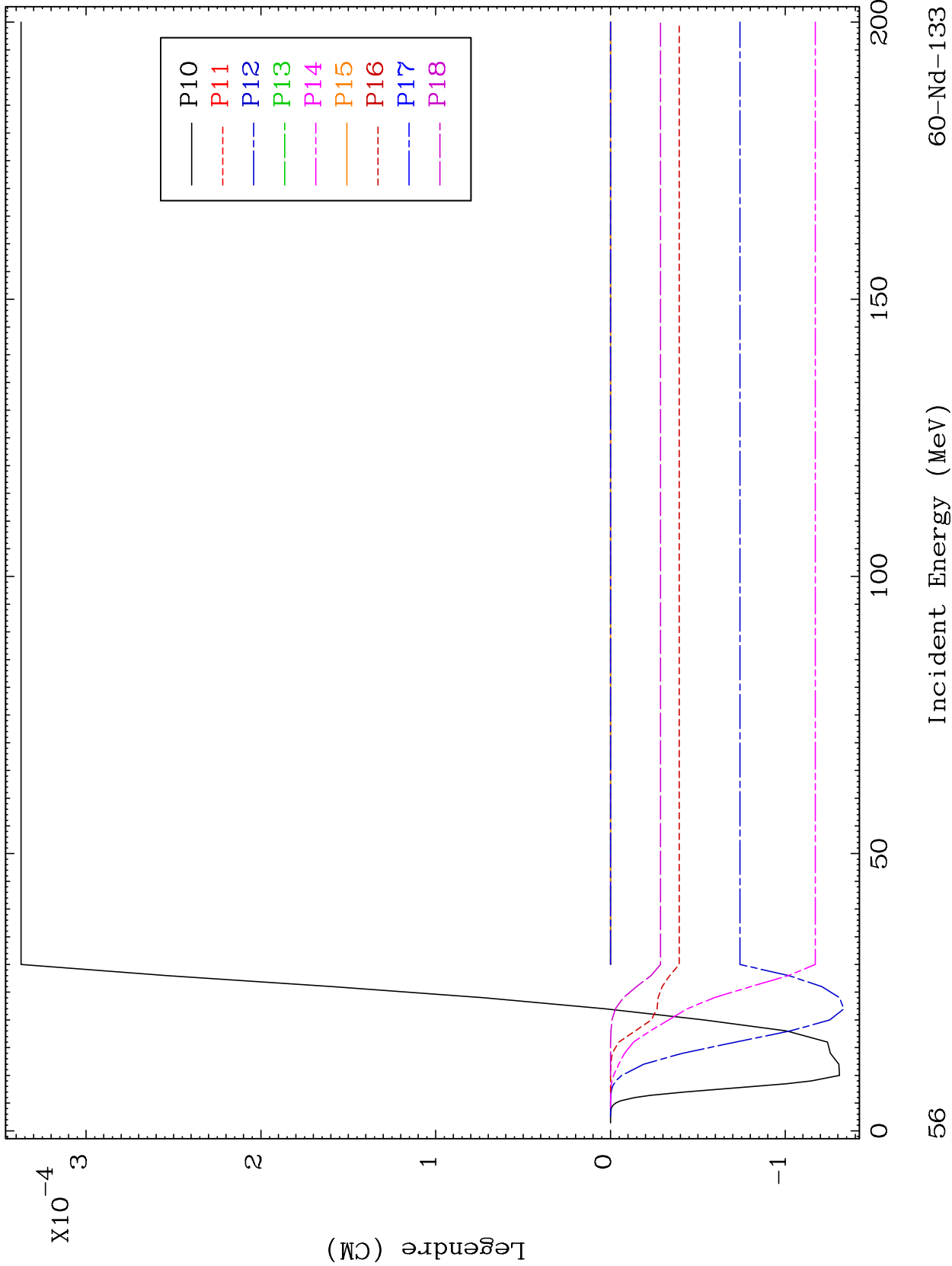




MAT 5998

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

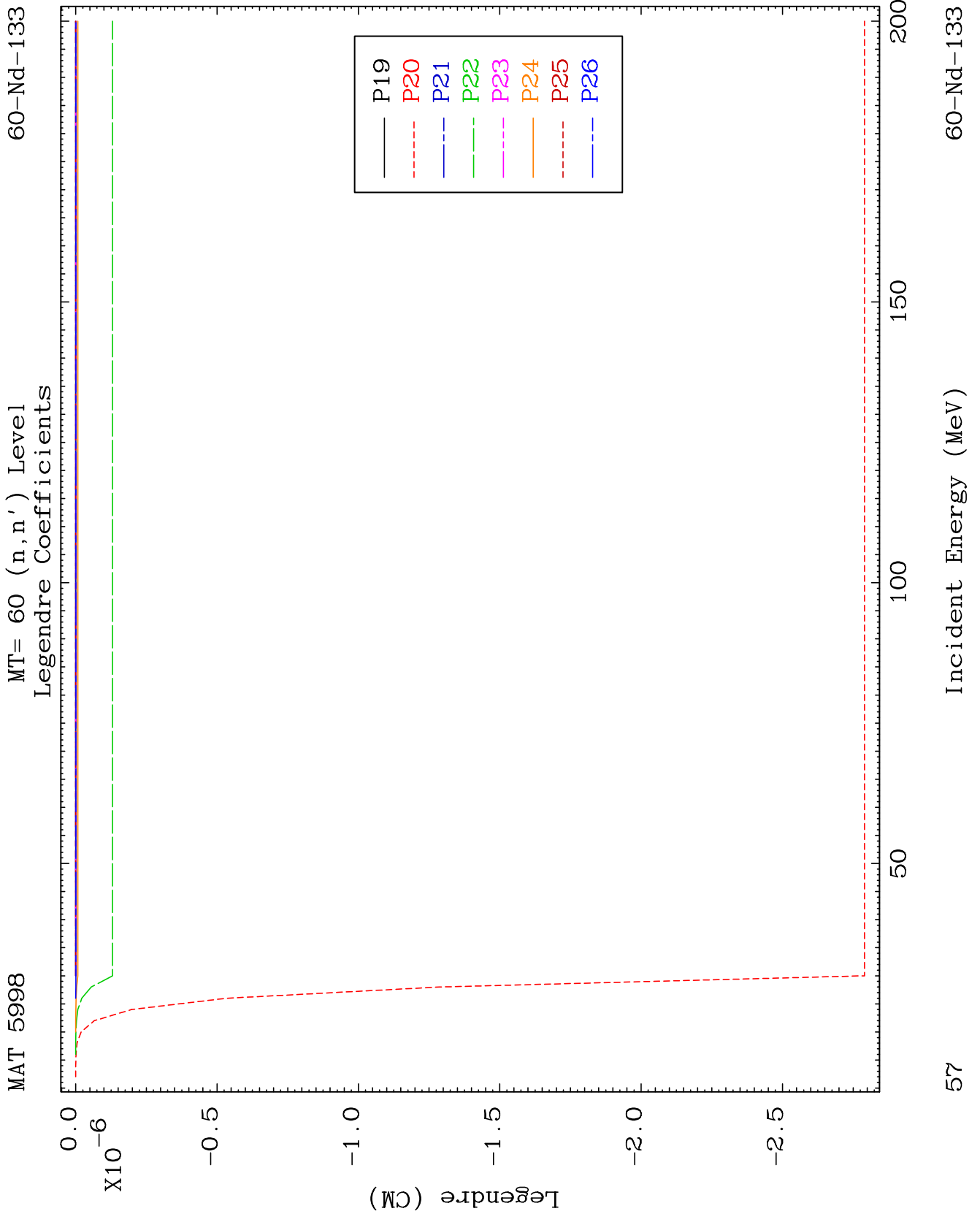
60-Nd-133

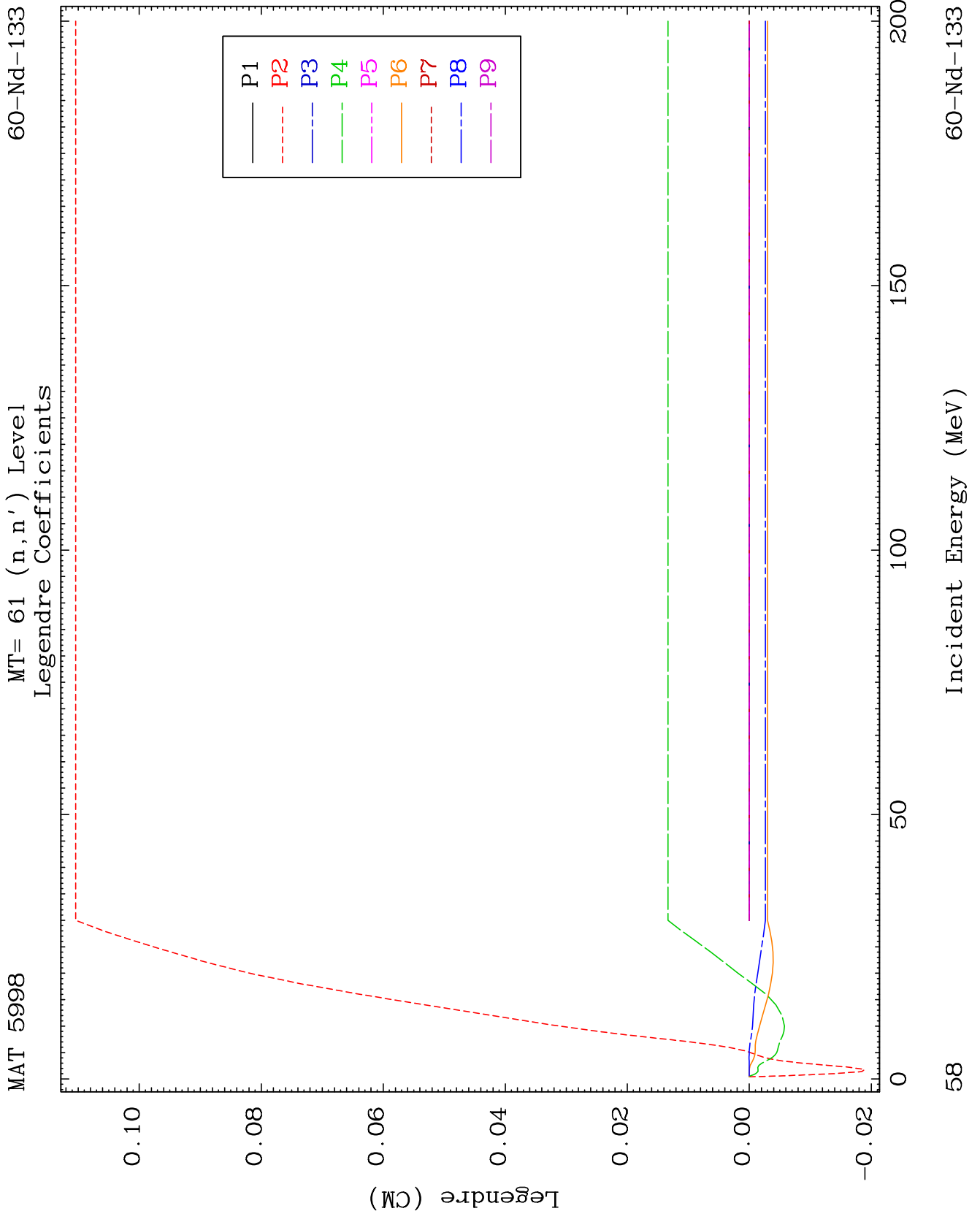


56

Incident Energy (MeV)

60-Nd-133

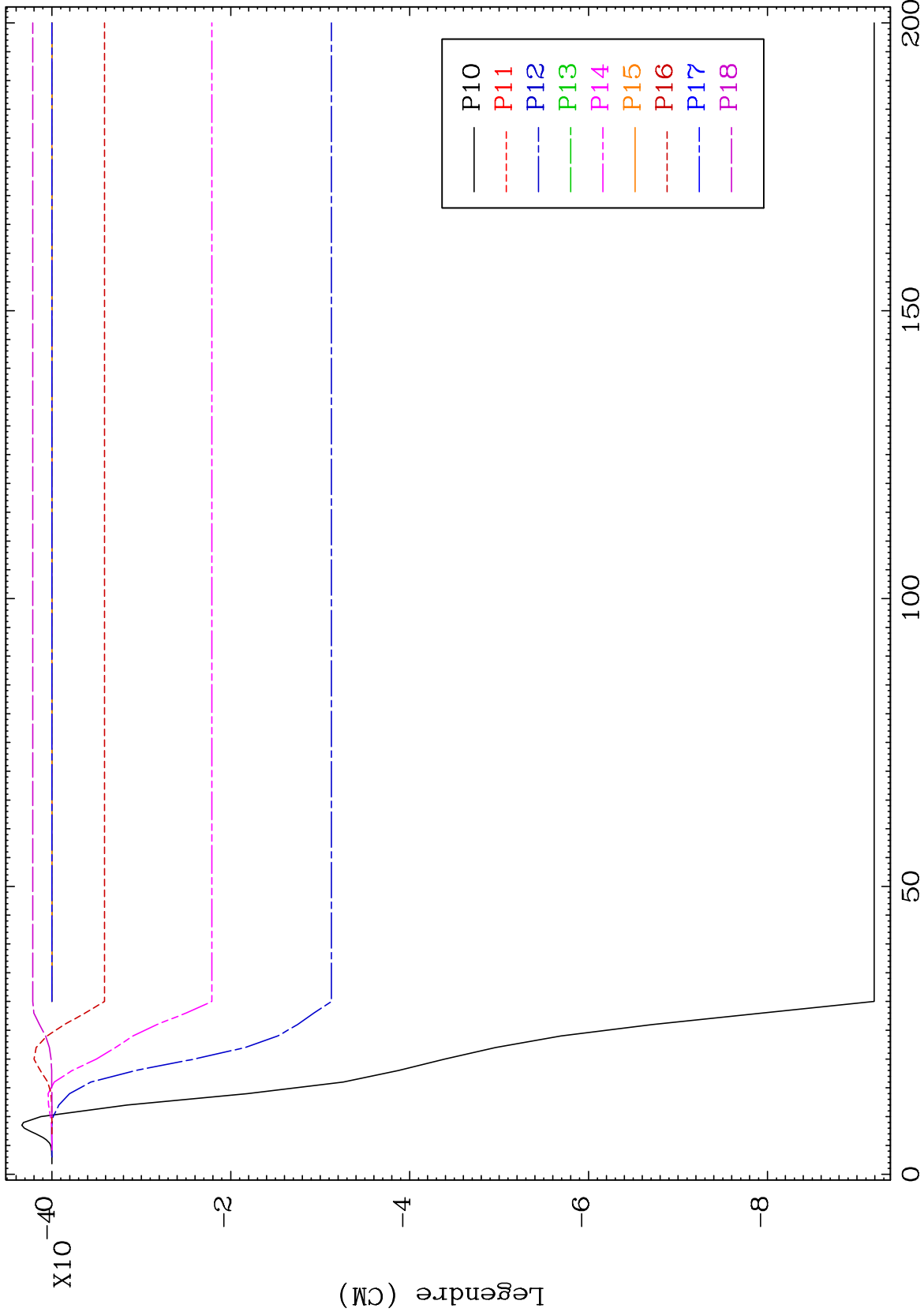




MAT 5998

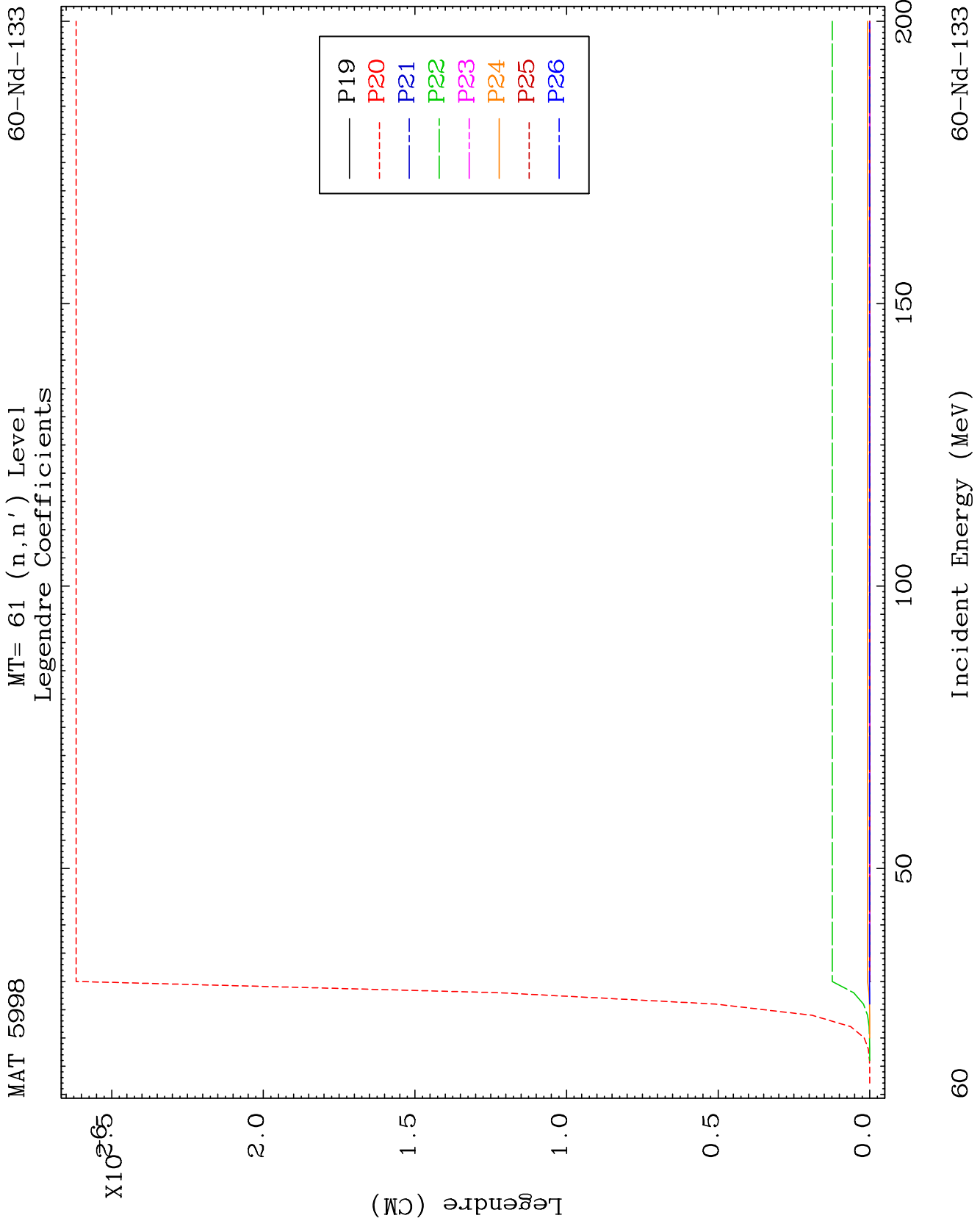
MT= 61 (n,n') Level  
Legendre Coefficients

60-Nd-133



59

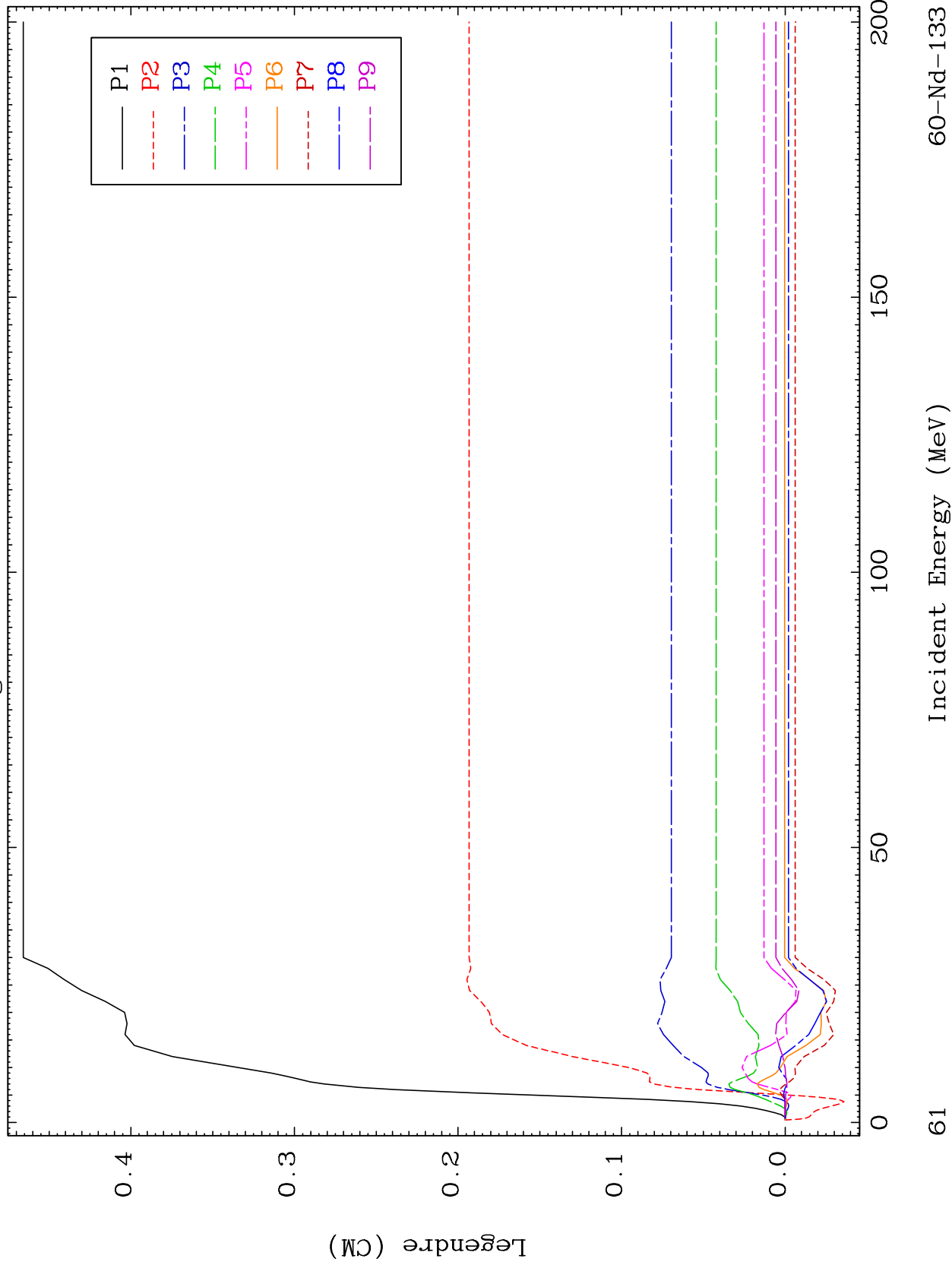
60-Nd-133



MAT 5998

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

60-Nd-133



60-Nd-133

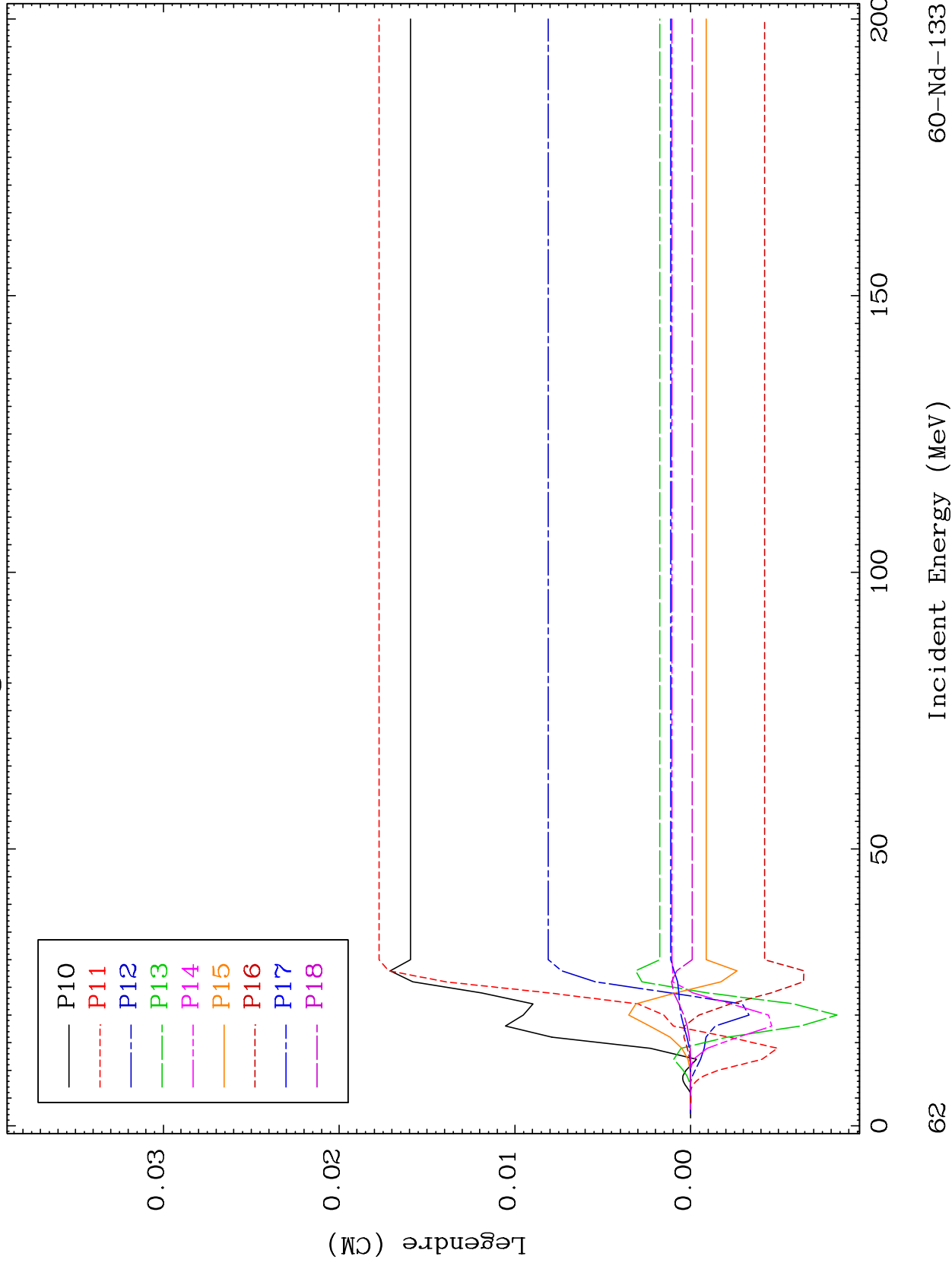
Incident Energy (MeV)

61

MAT 5998

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

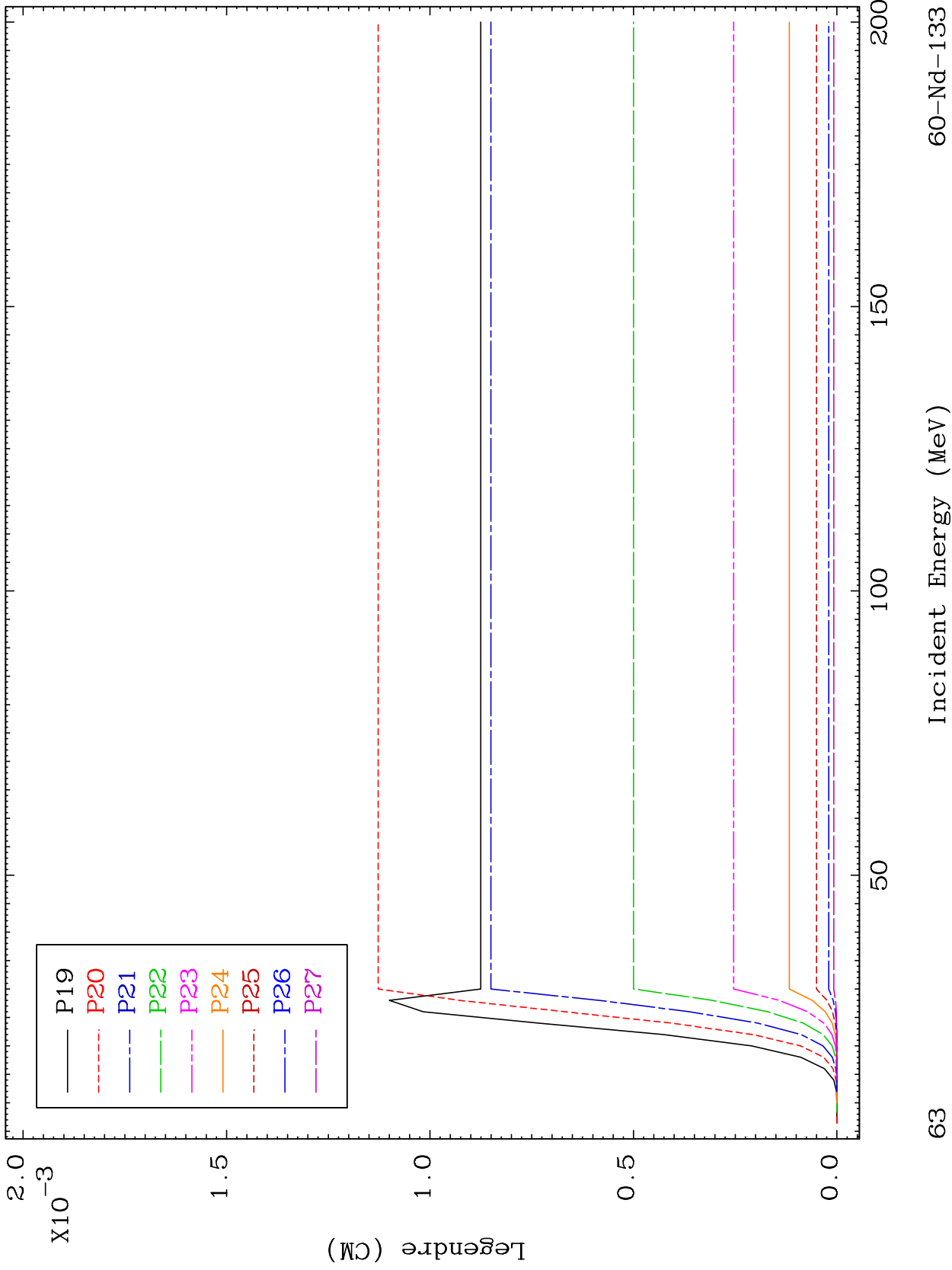
60-Nd-133



MAT 5998

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

60-Nd-133

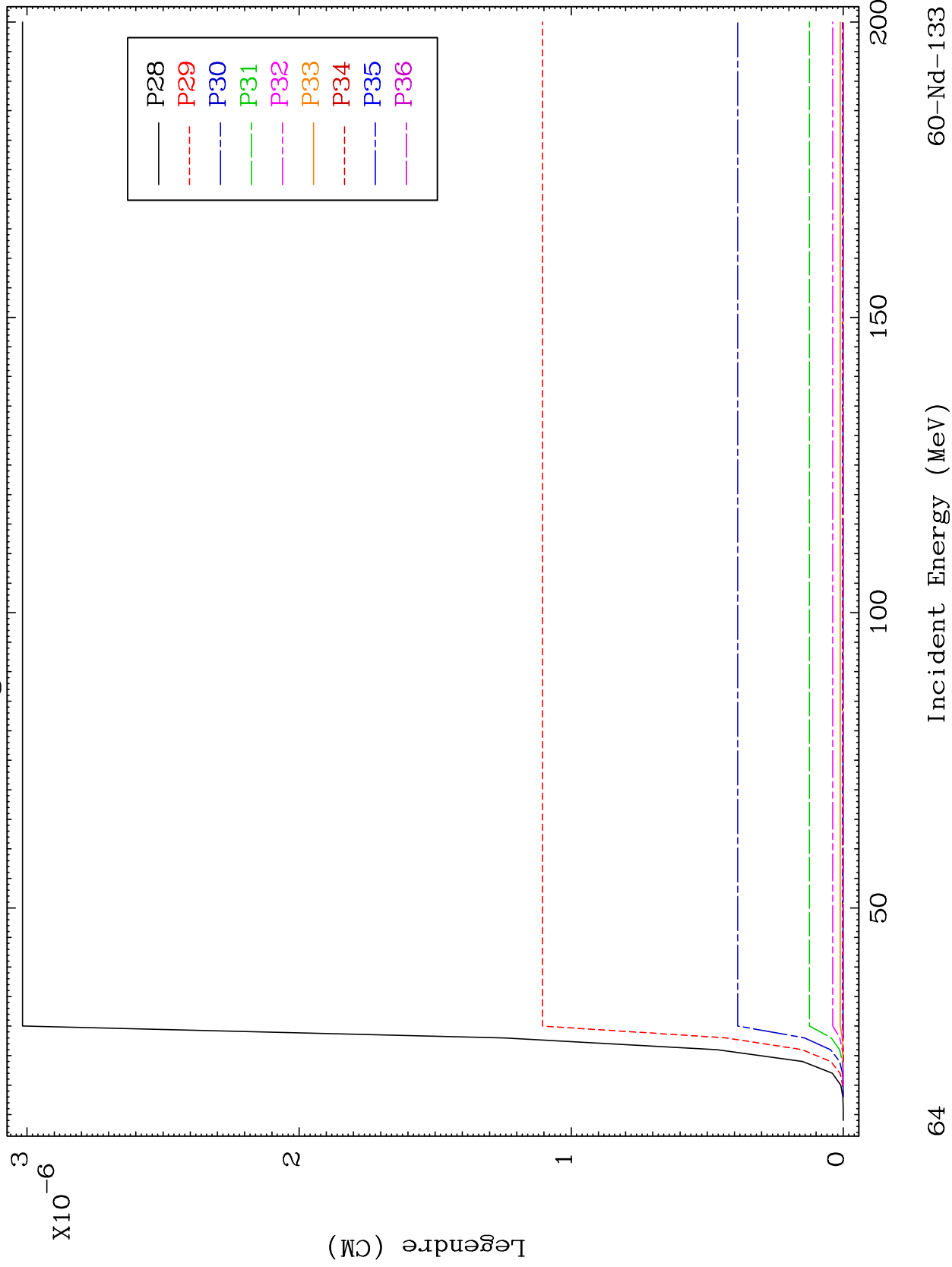


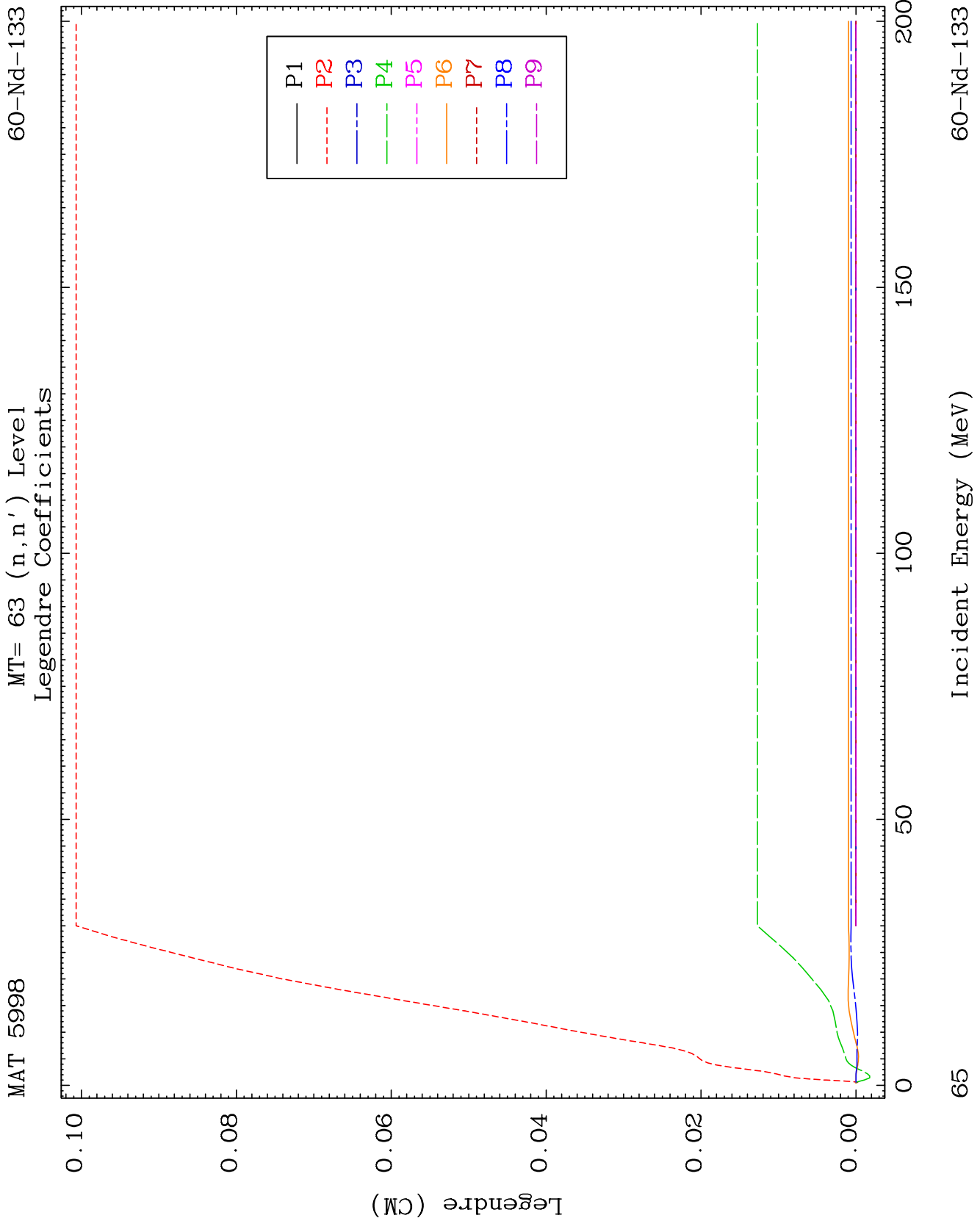


MAT 5998

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

60-Nd-133

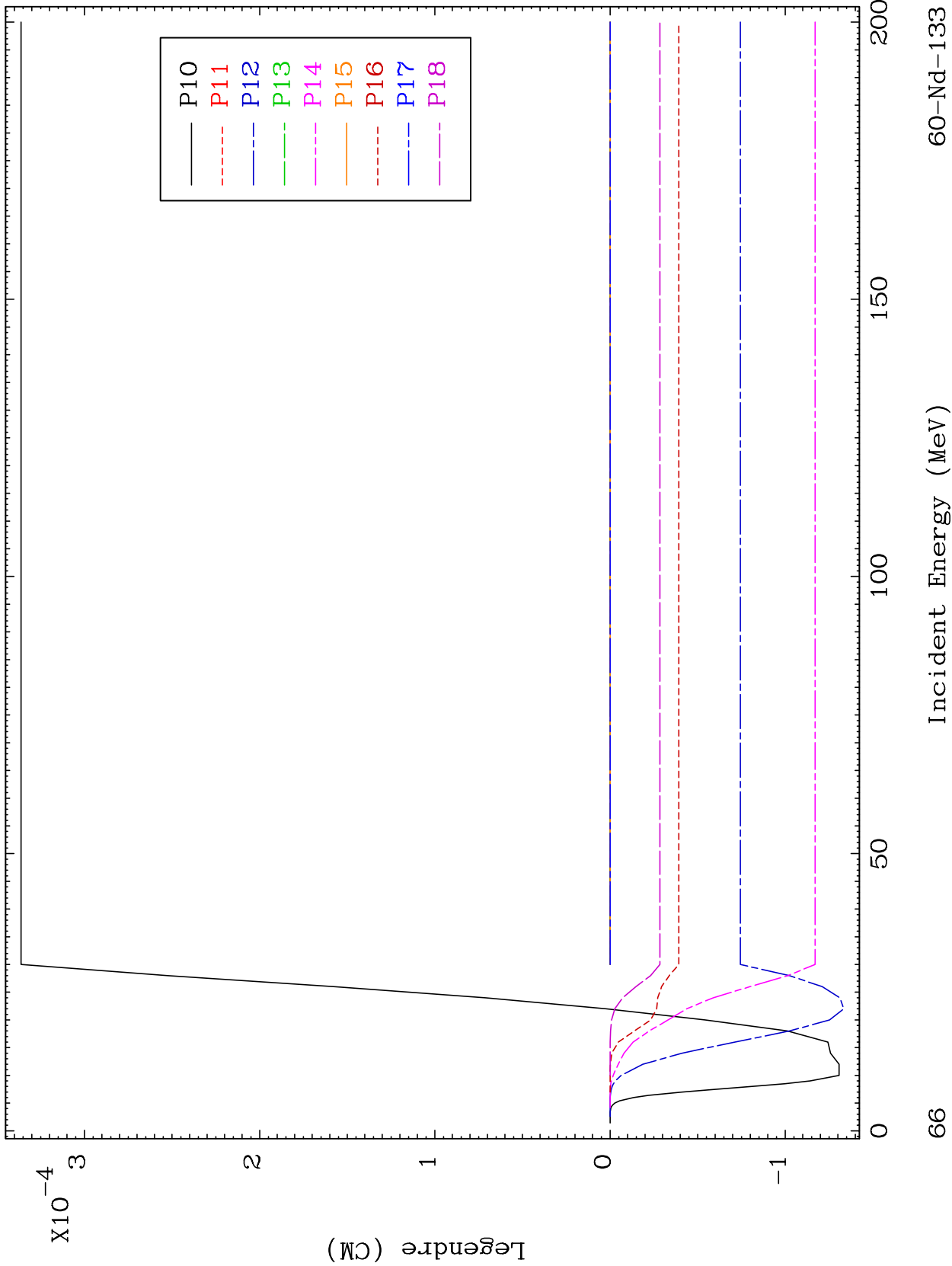




MAT 5998

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

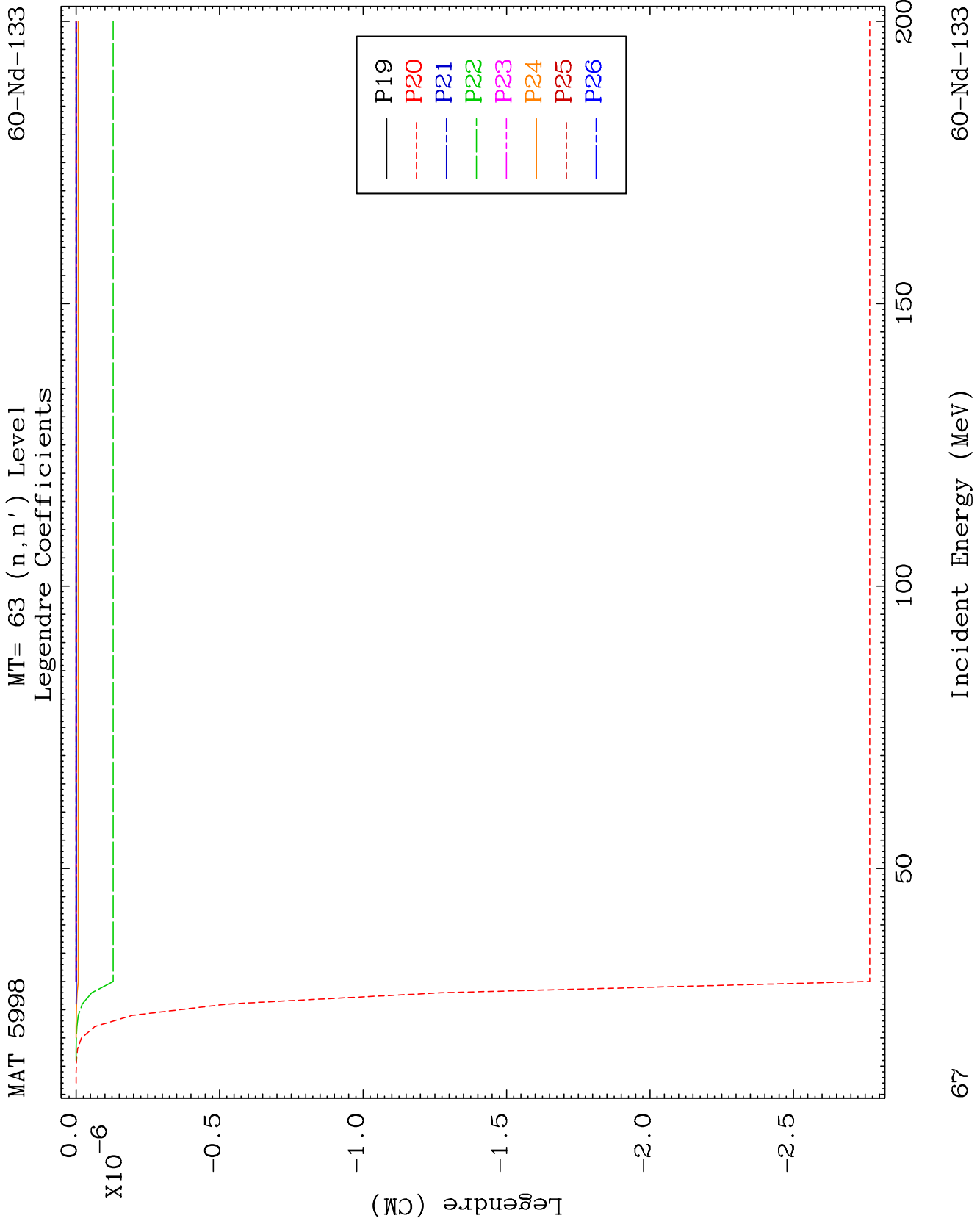
60-Nd-133



66

Incident Energy (MeV)

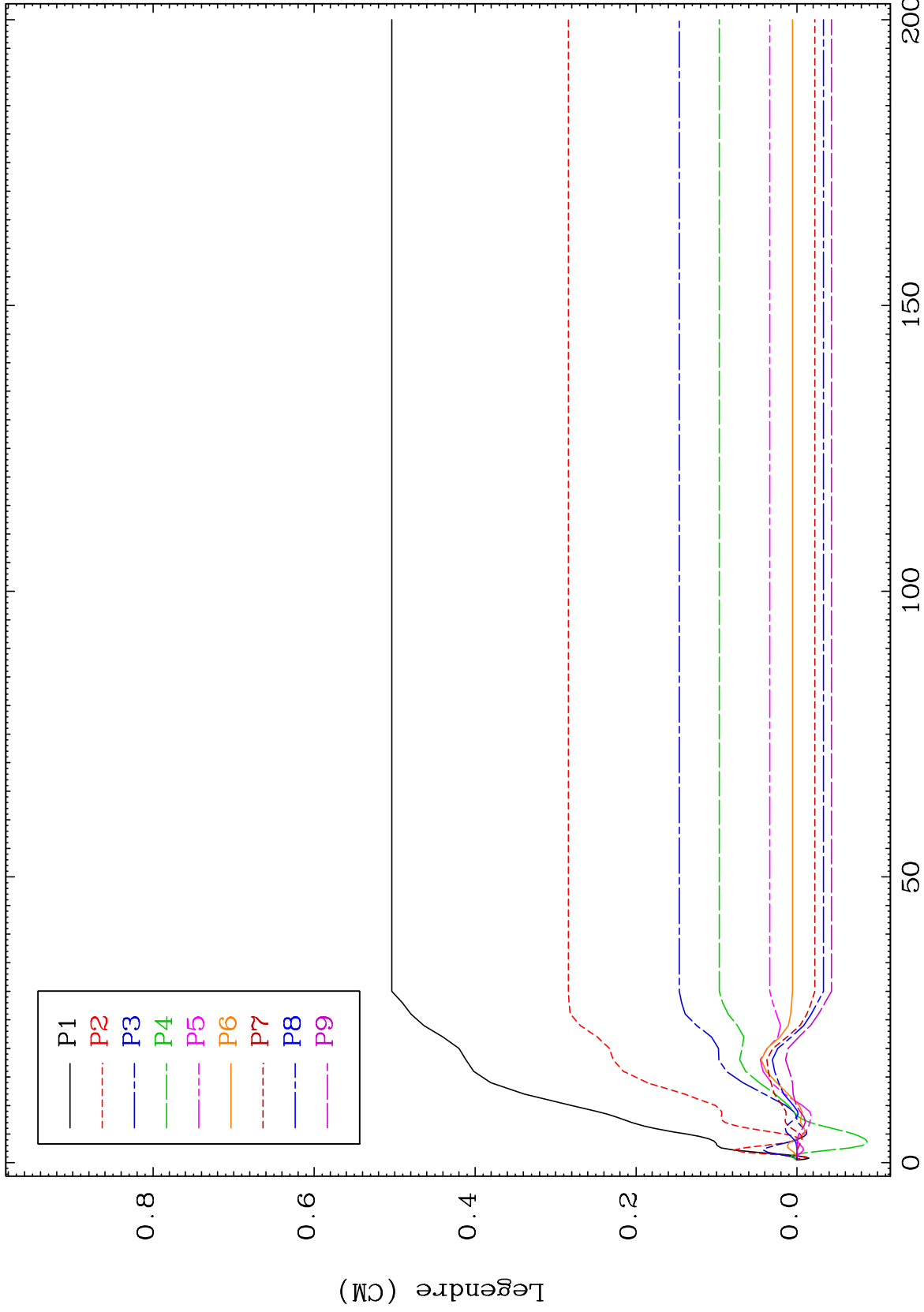
60-Nd-133



MAT 5998

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

60-Nd-133



68

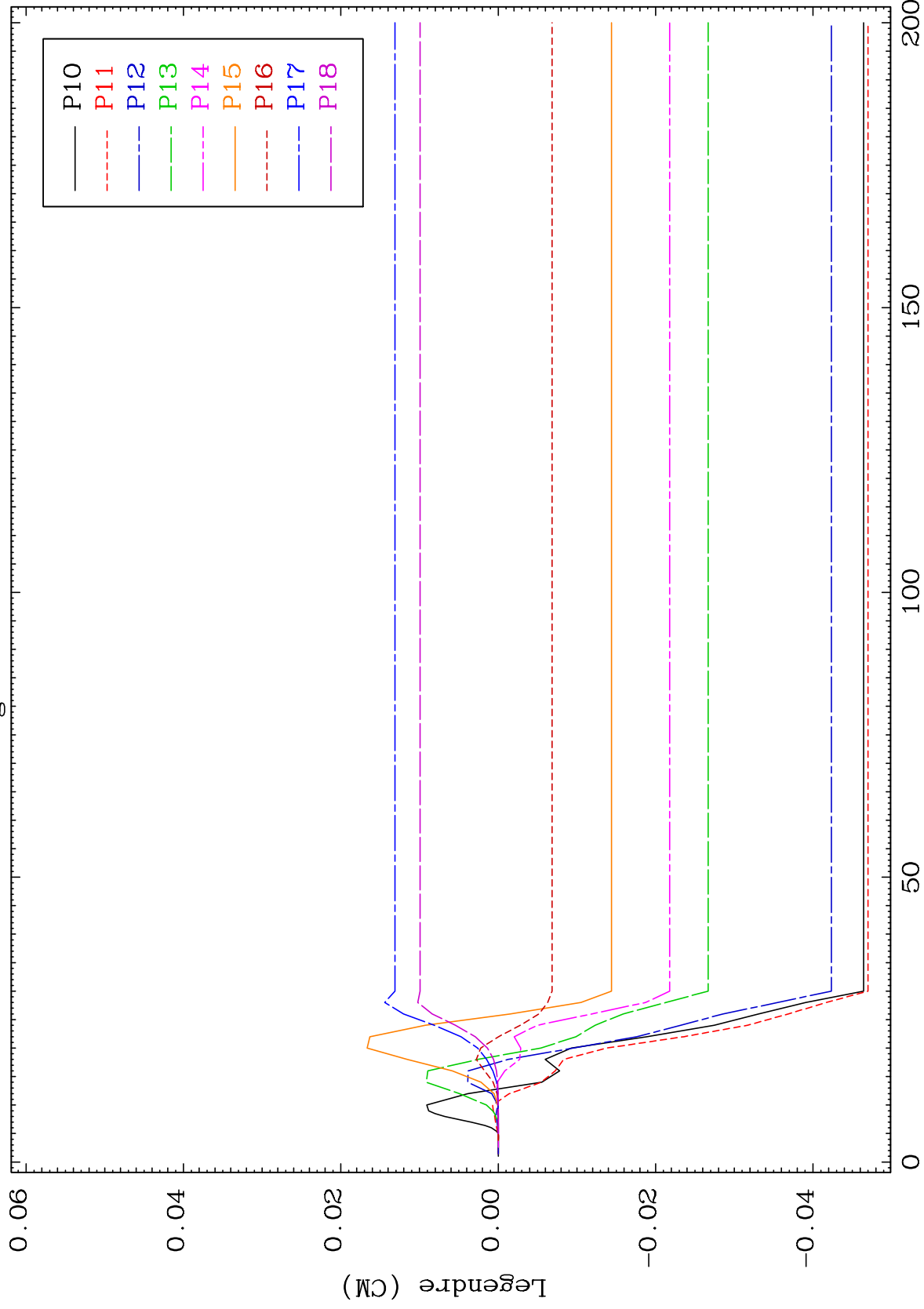
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



69

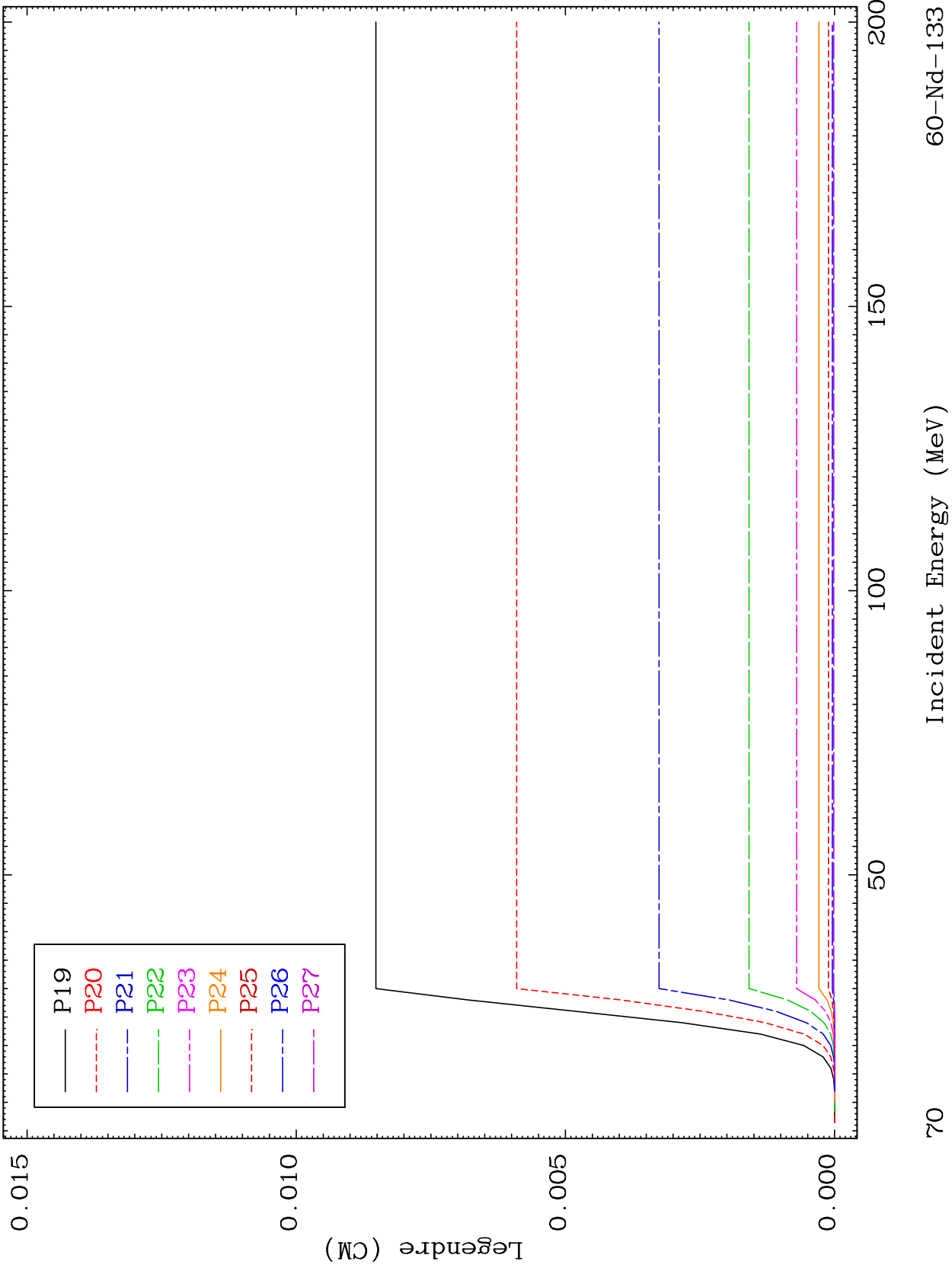
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



70

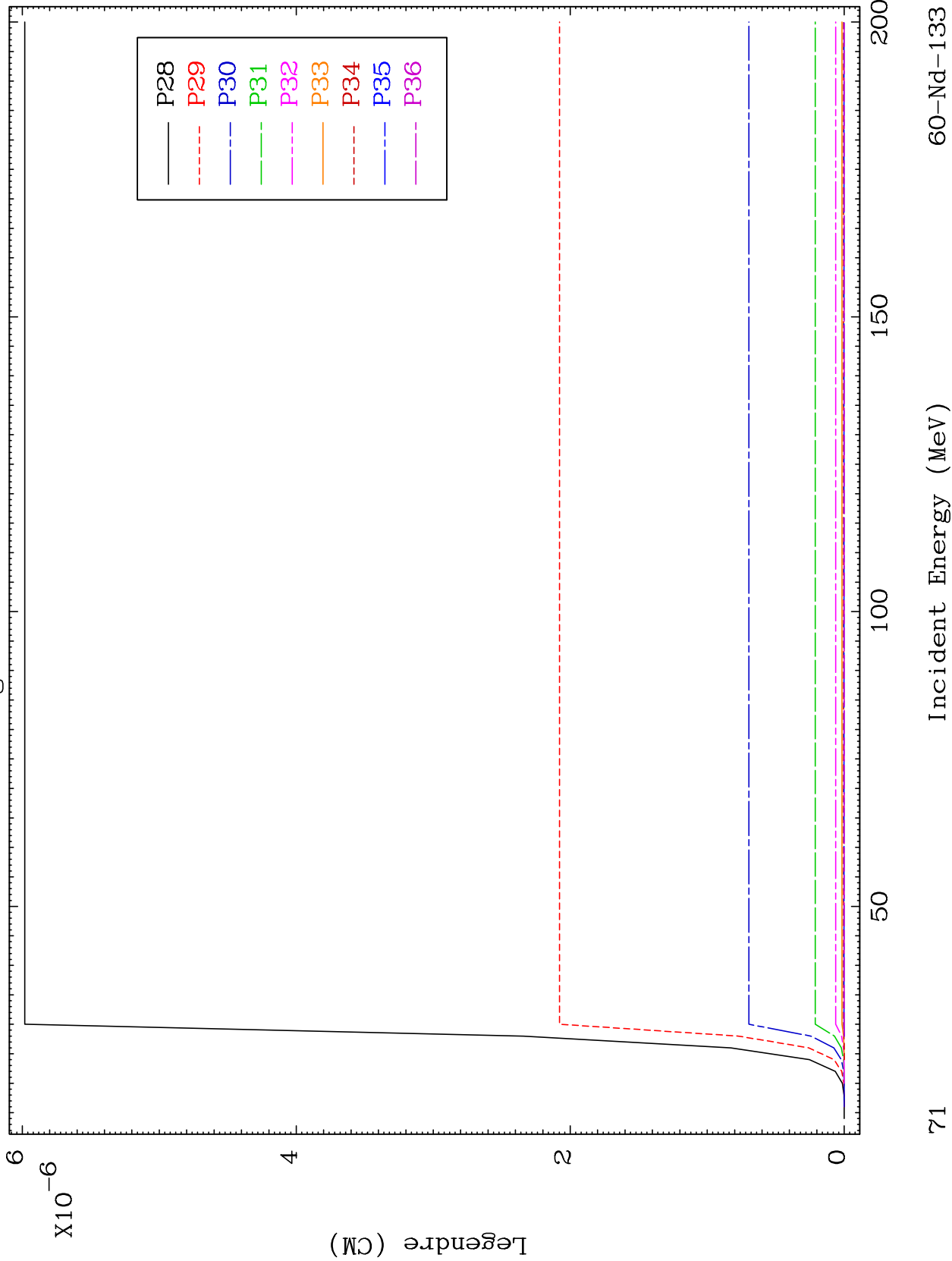
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



71

Incident Energy (MeV)

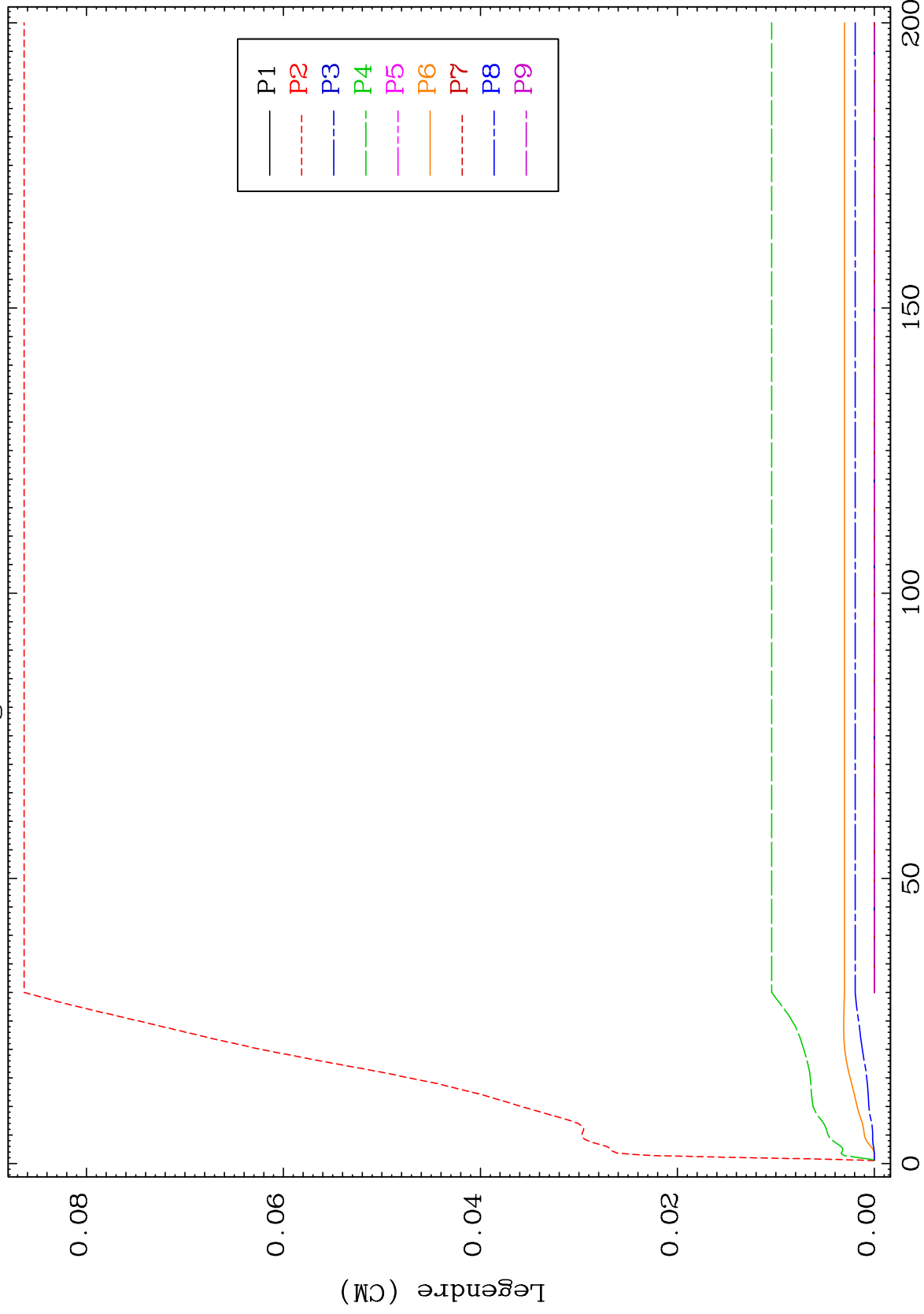
60-Nd-133



MAT 5998

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

60-Nd-133



72

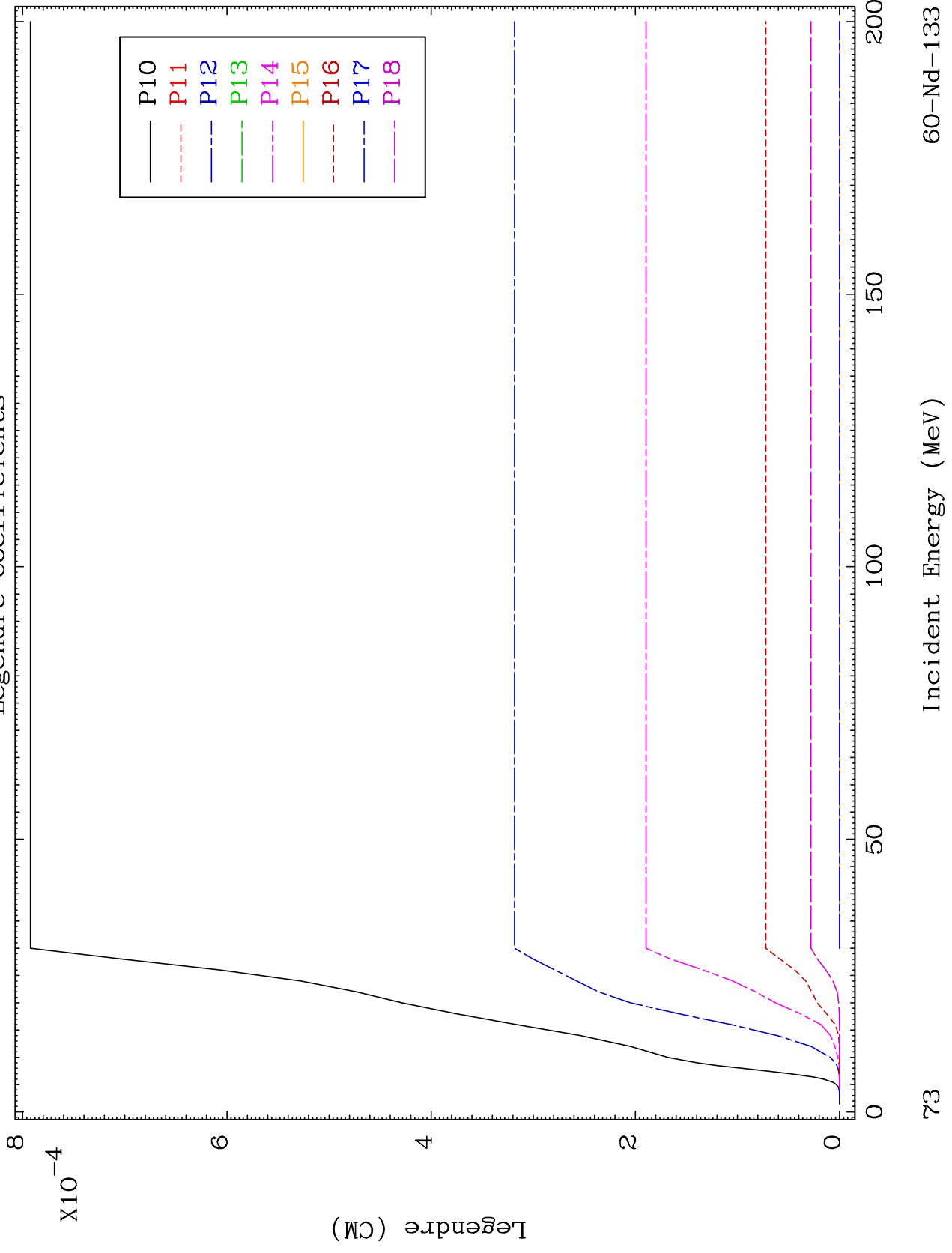
Incident Energy (MeV)

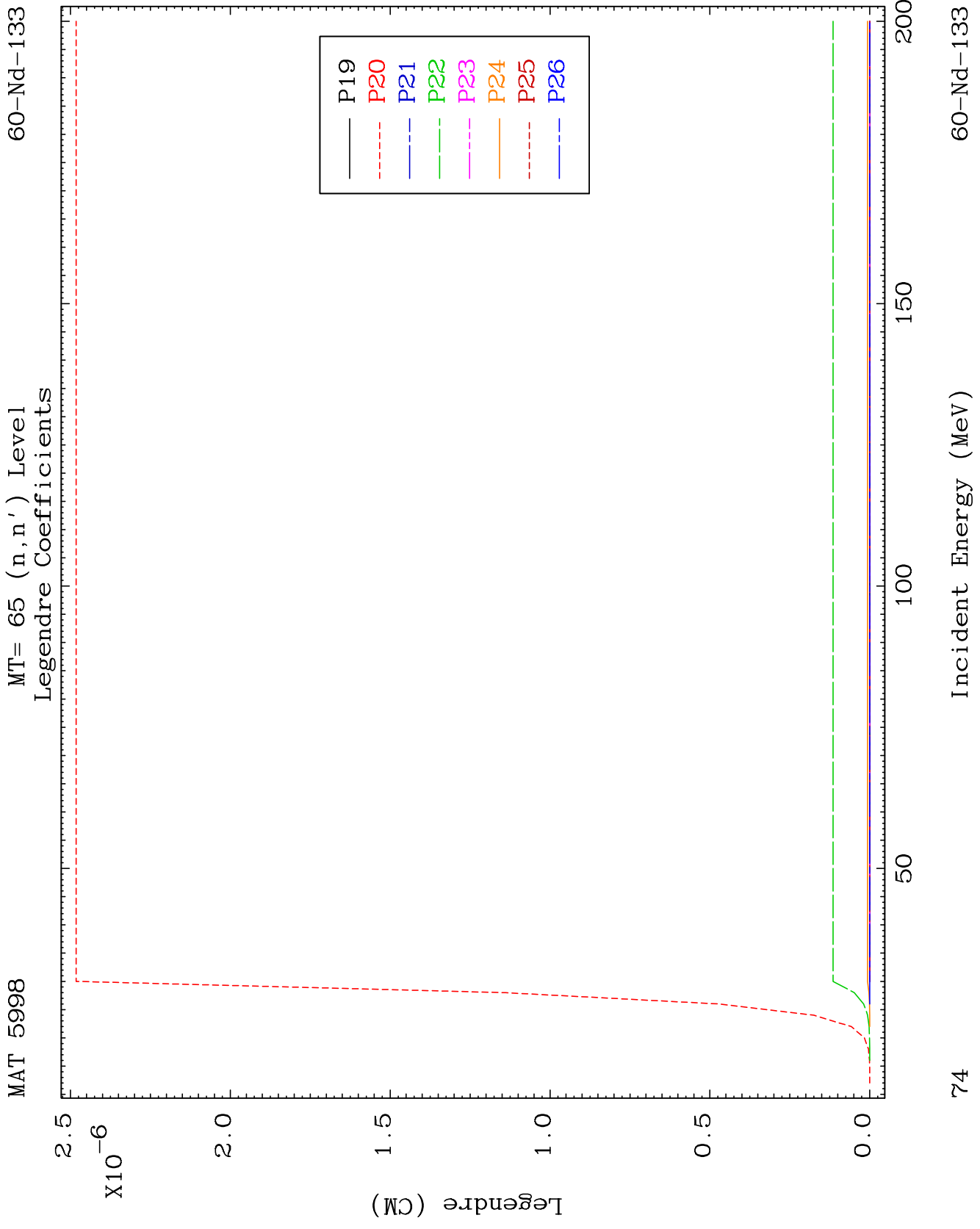
60-Nd-133

MAT 5998

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

60-Nd-133

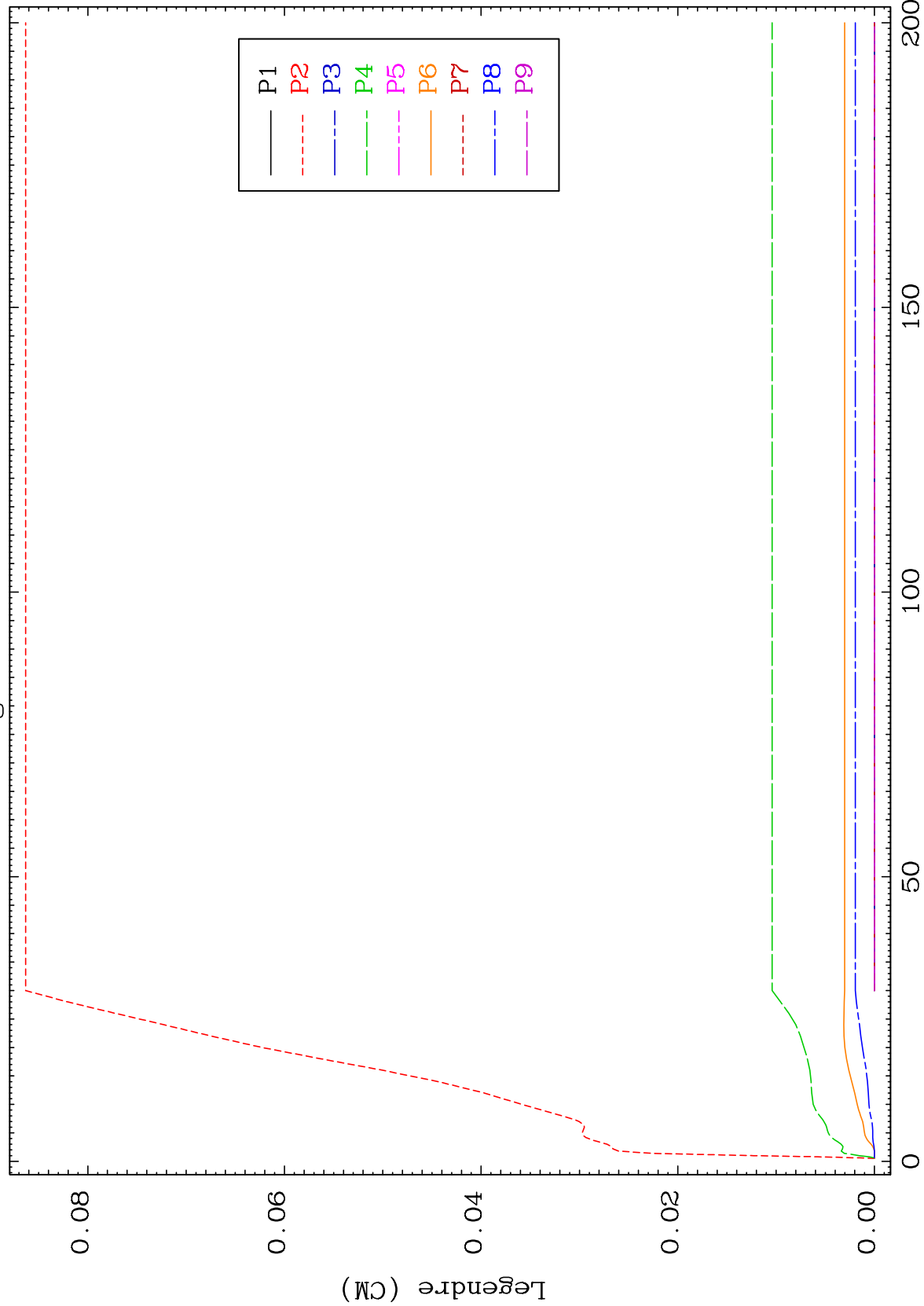




MAT 5998

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

60-Nd-133



60-Nd-133

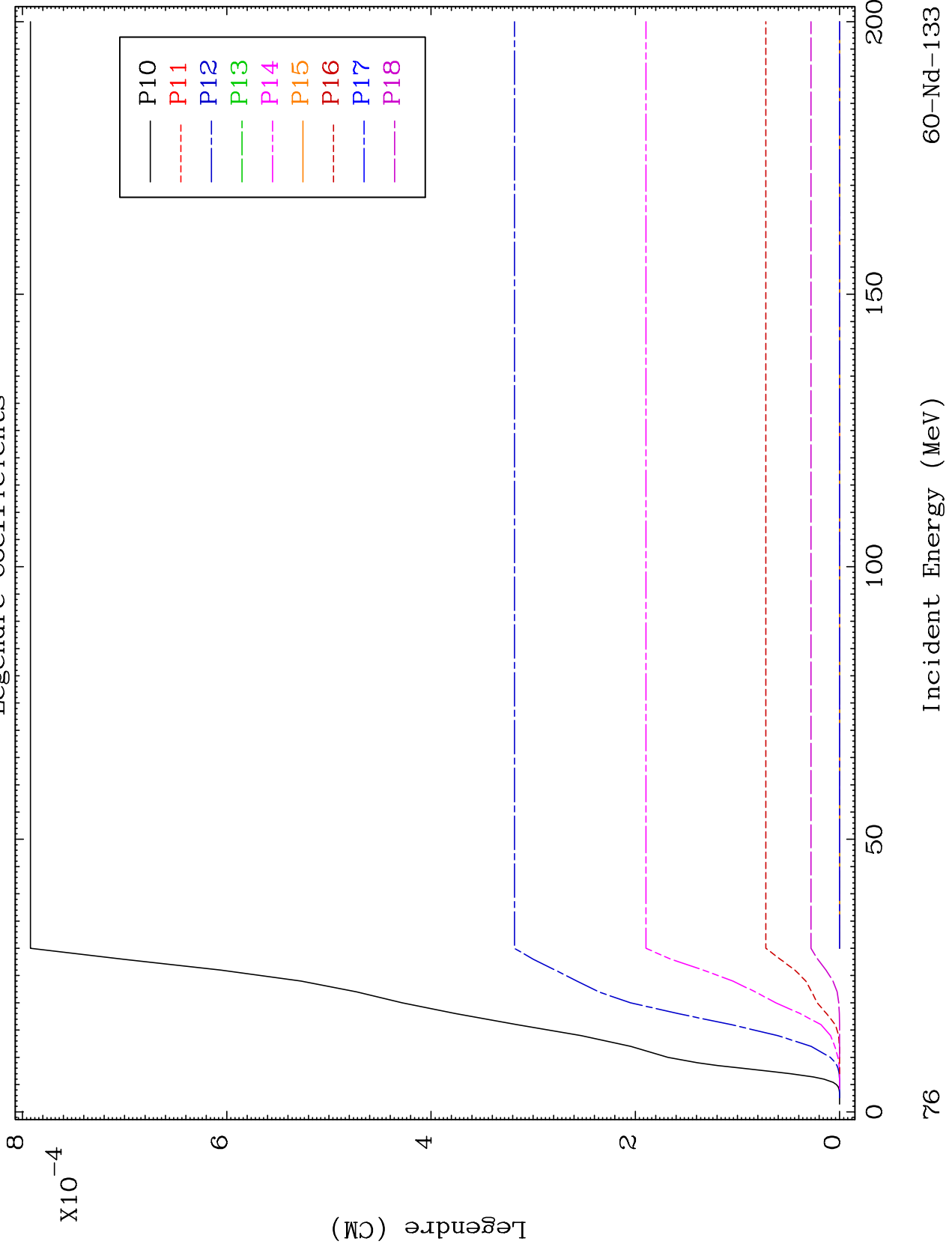
Incident Energy (MeV)

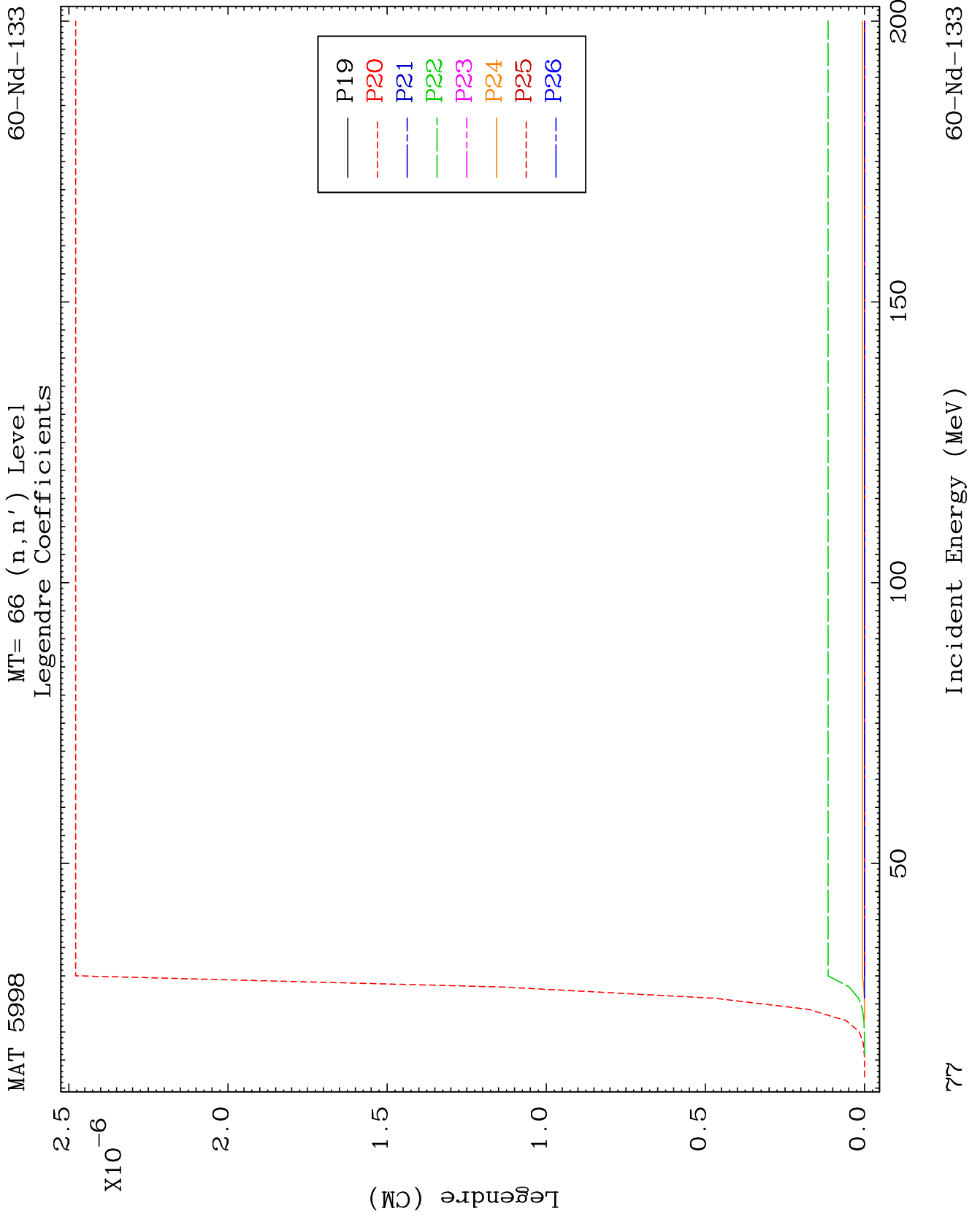
75

MAT 5998

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

60-Nd-133

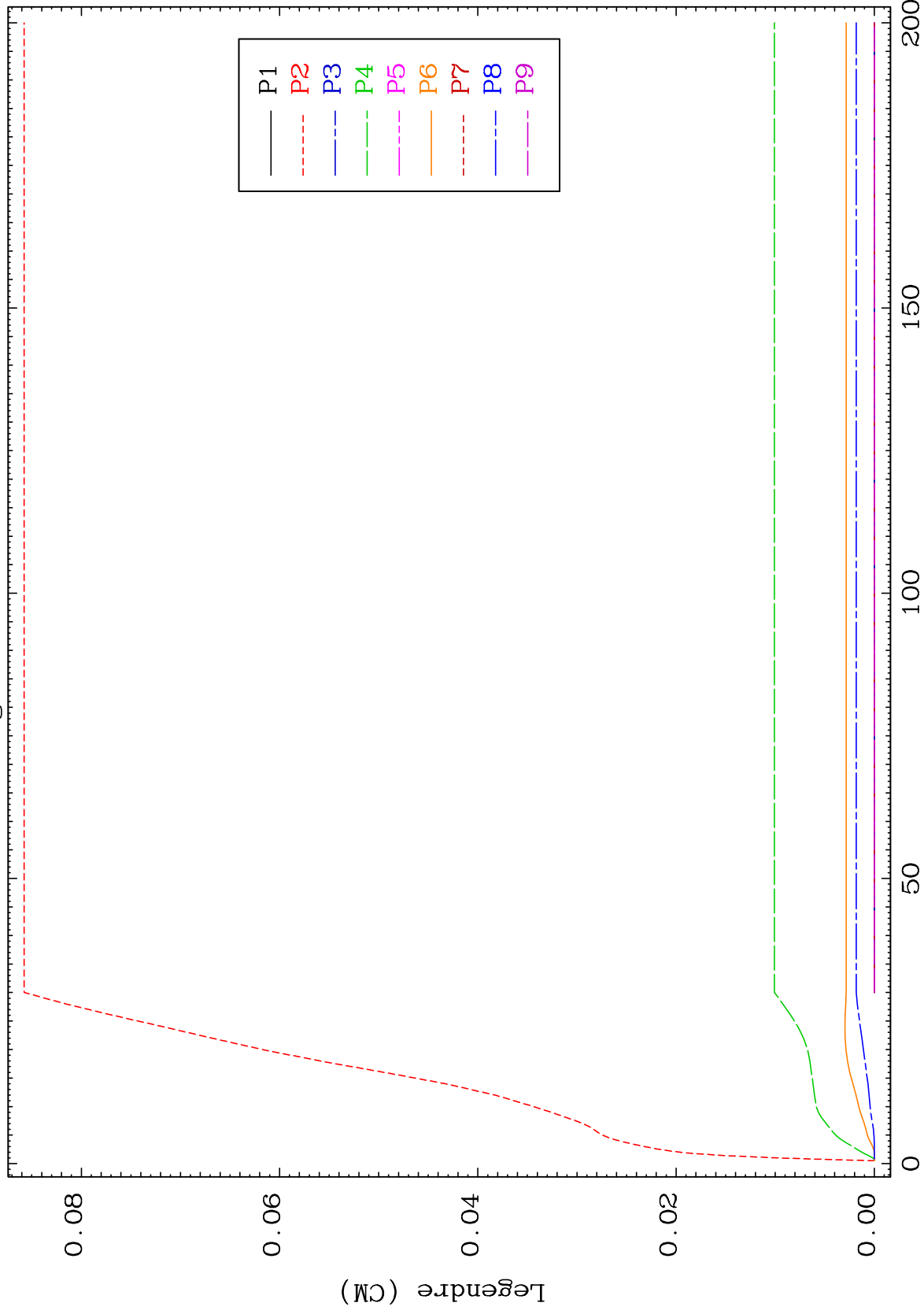




MAT 5998

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

60-Nd-133



60-Nd-133

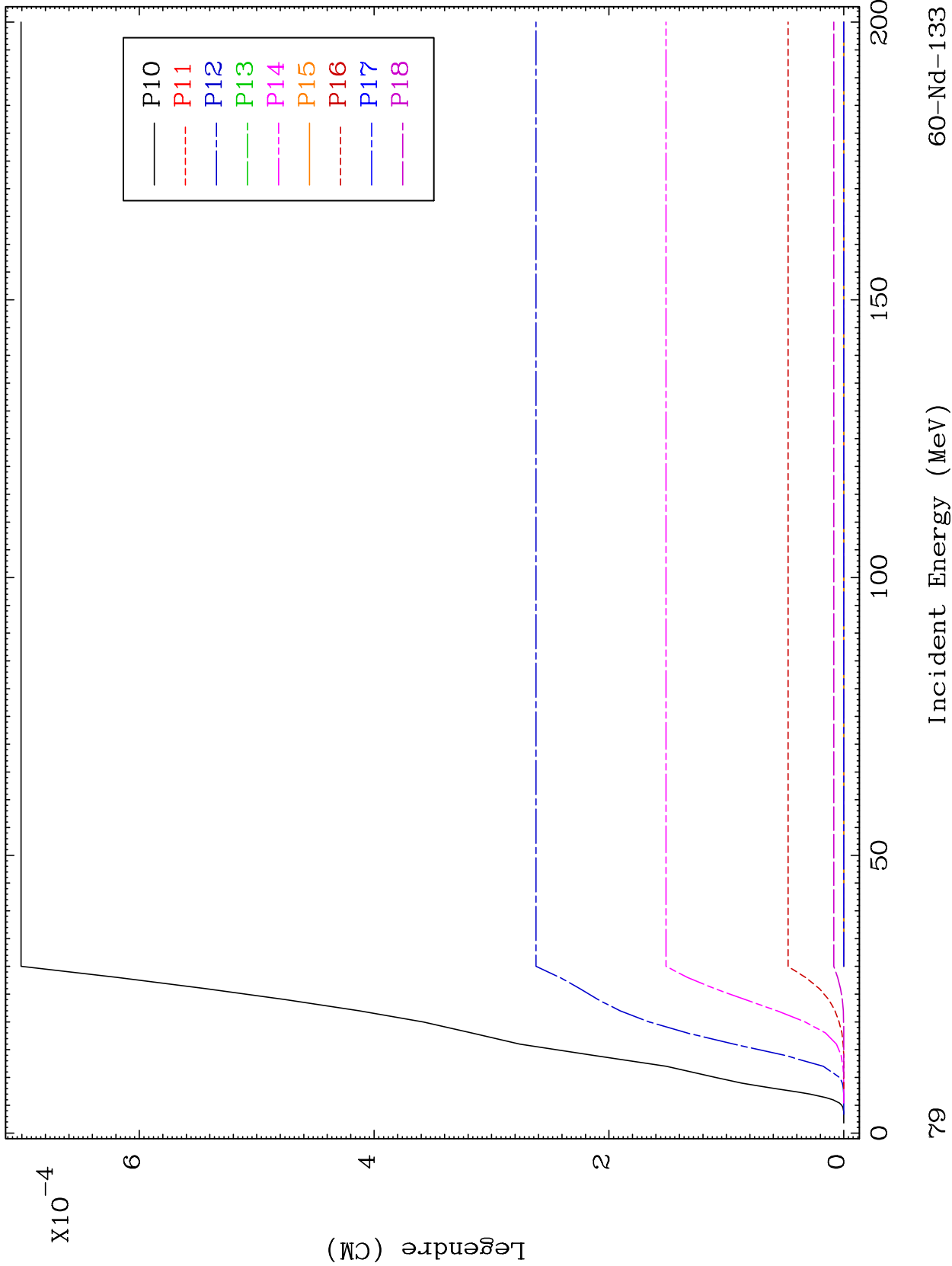
Incident Energy (MeV)

78

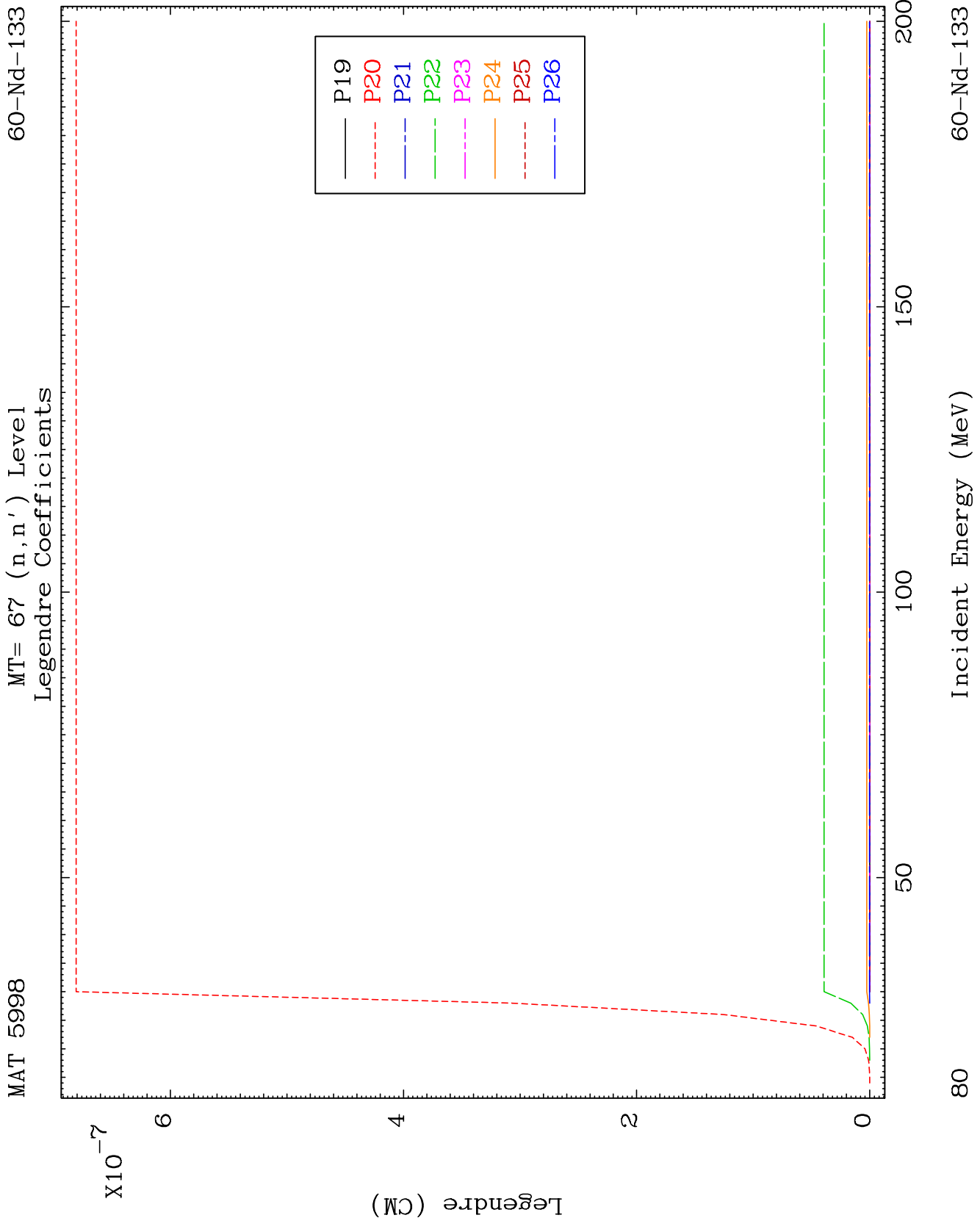
MAT 5998

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

60-Nd-133



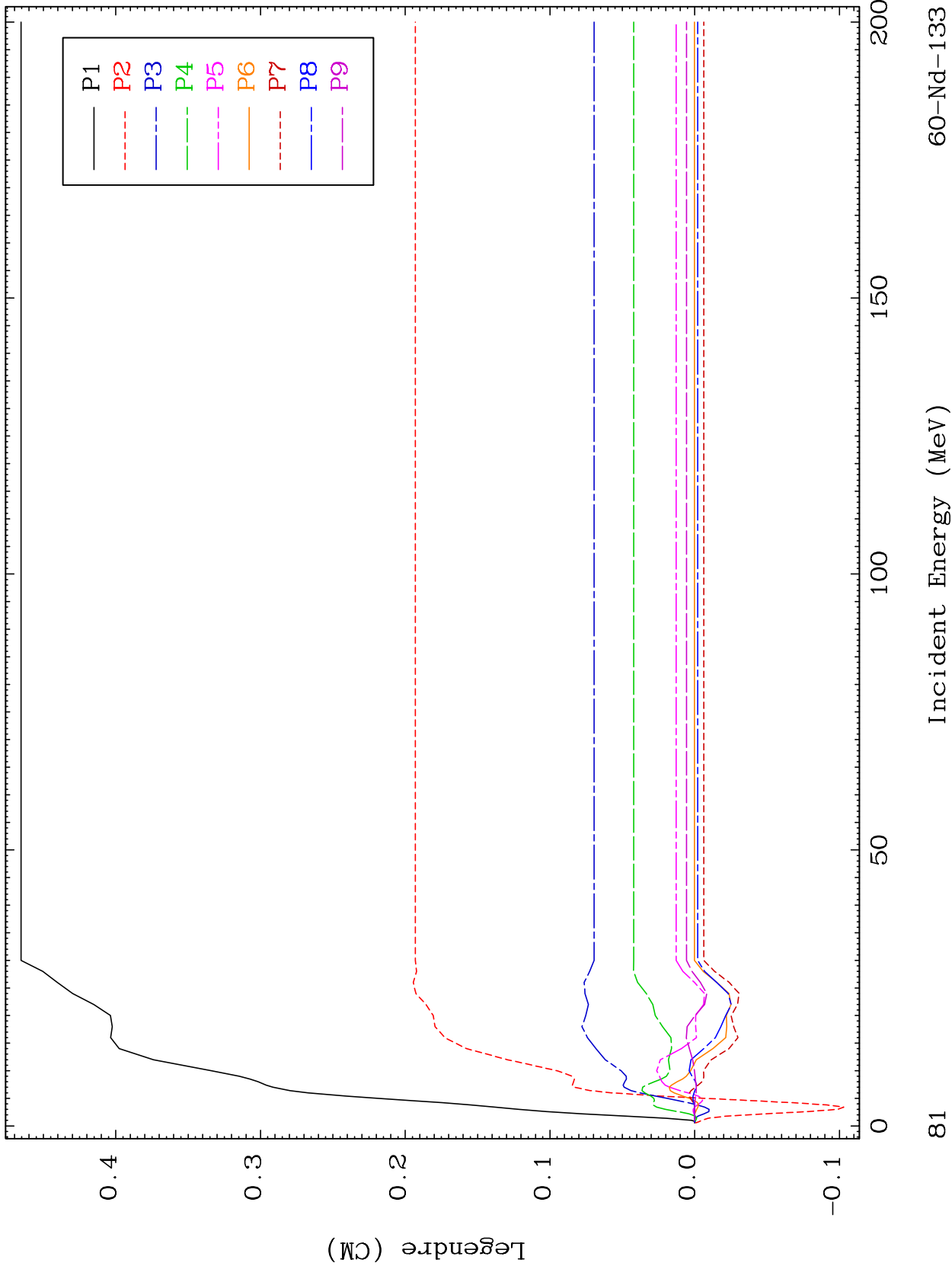




MAT 5998

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

60-Nd-133



81

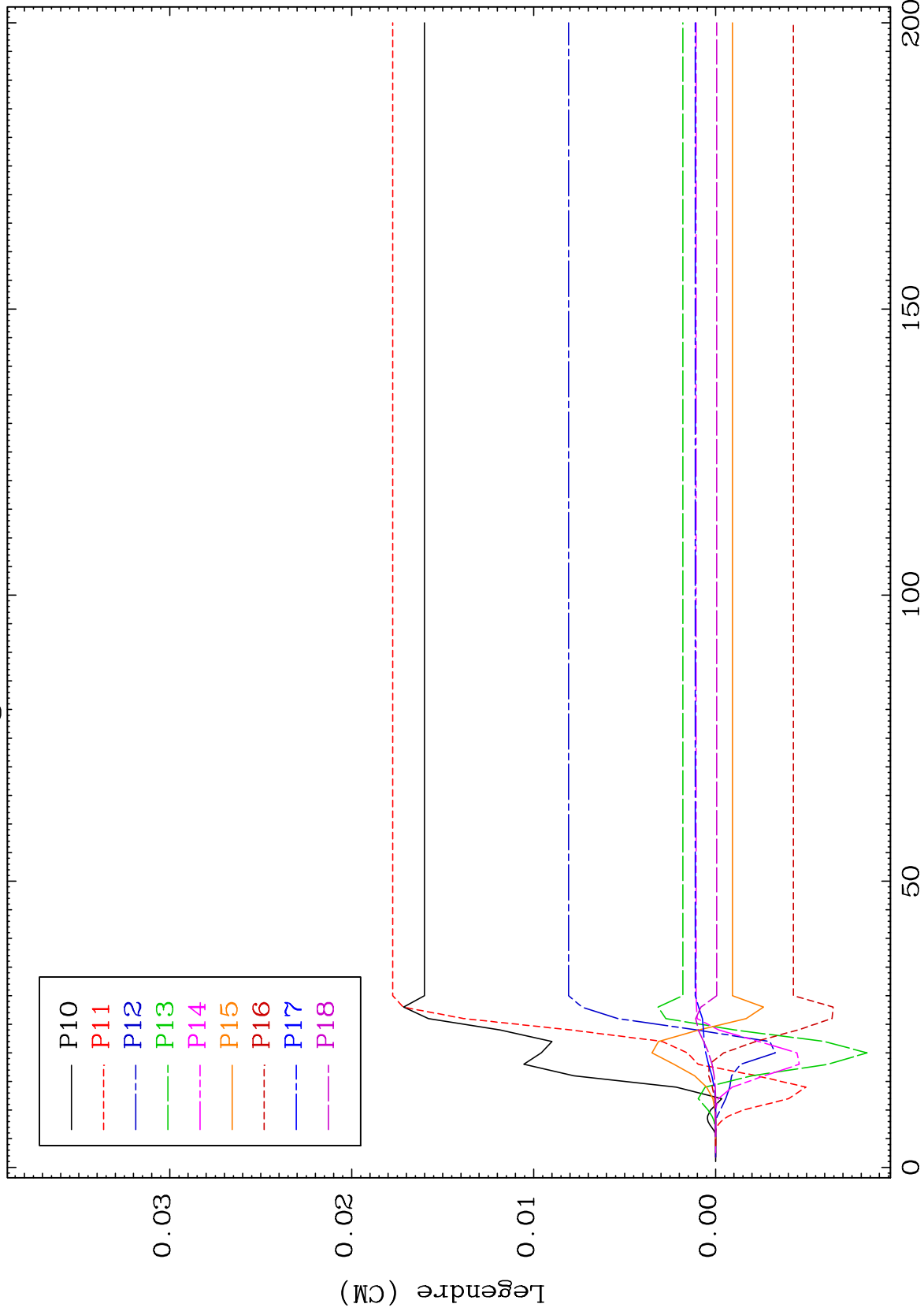
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

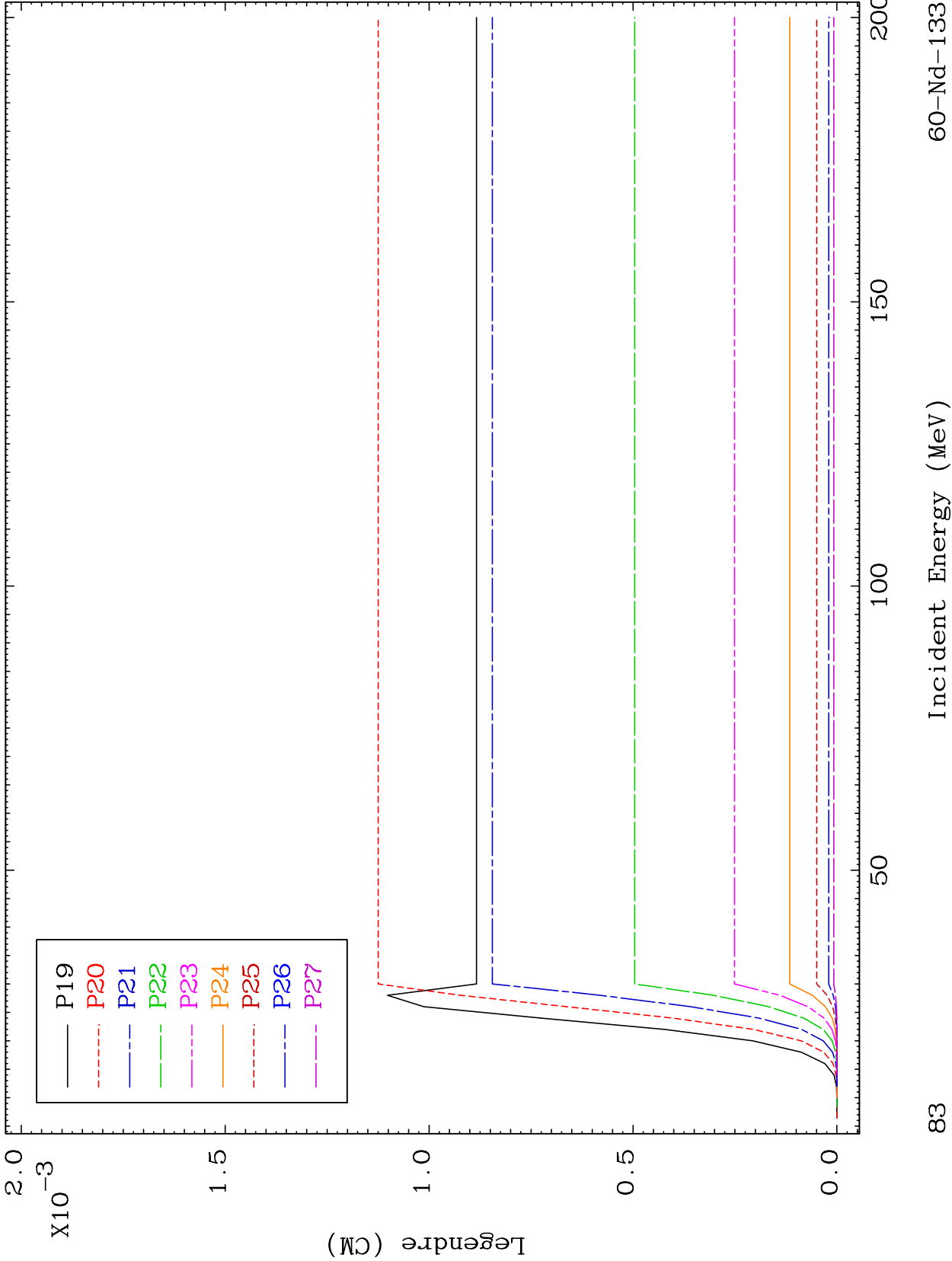
60-Nd-133



82

Incident Energy (MeV)

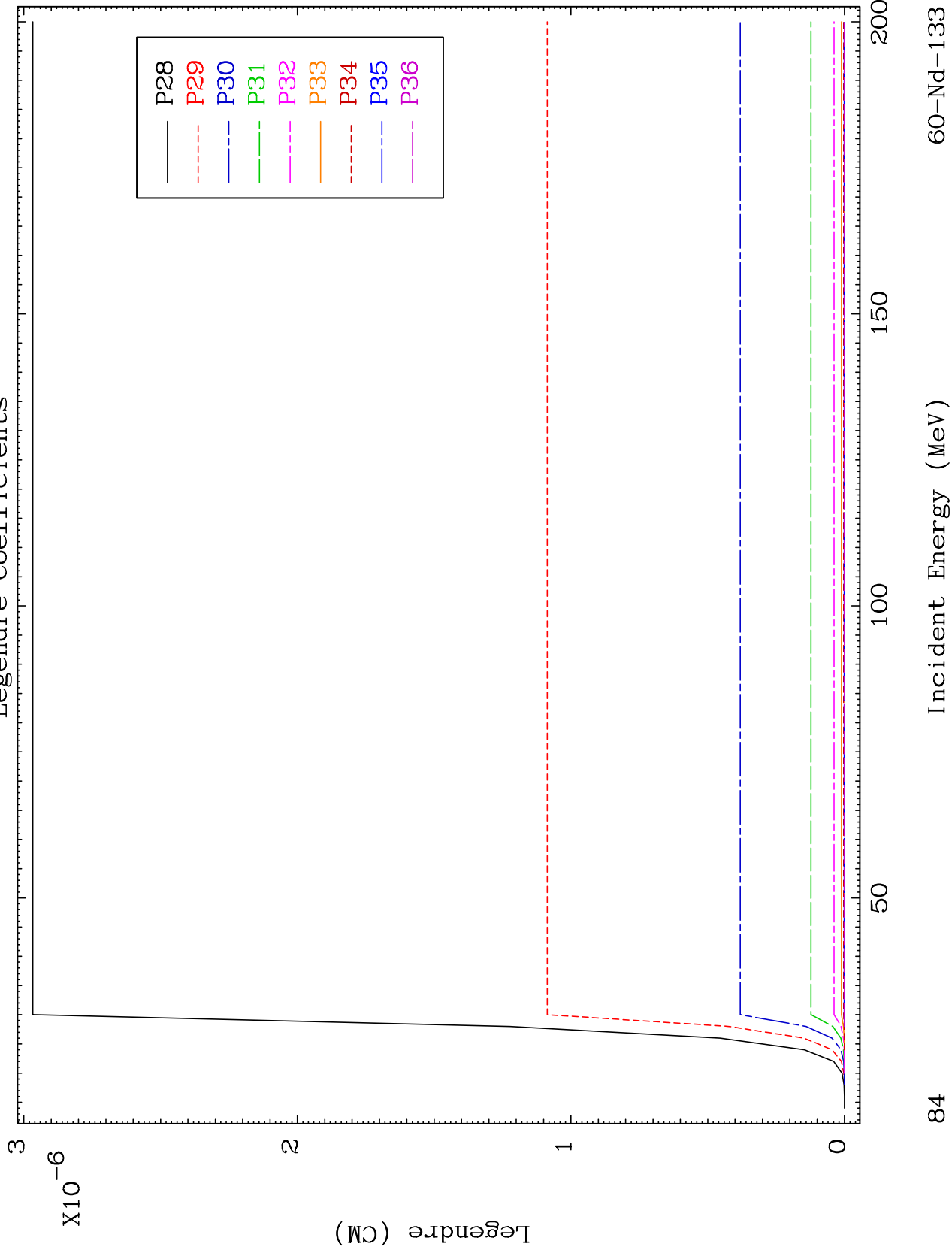
60-Nd-133



MAT 5998

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

60-Nd-133

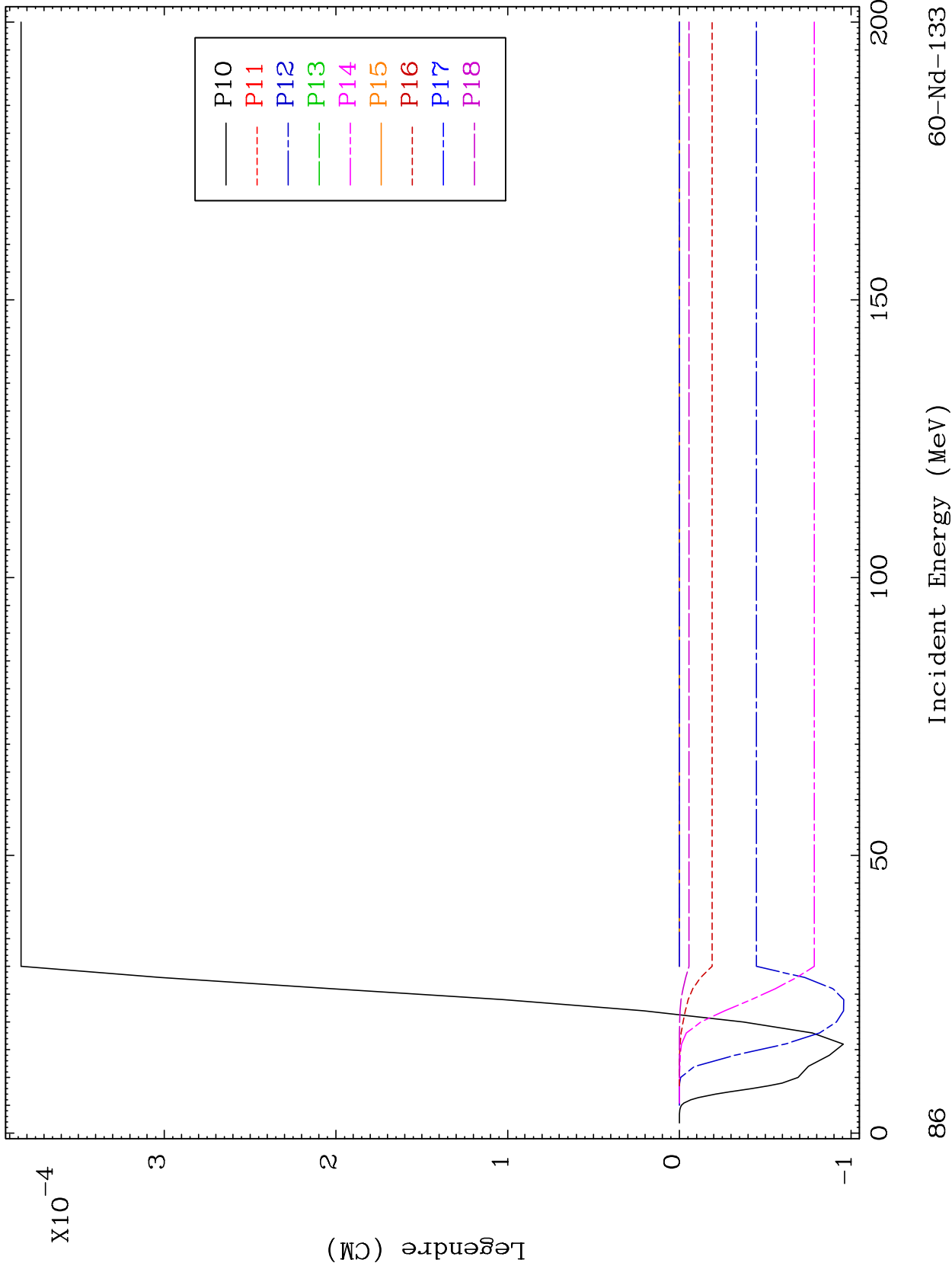




MAT 5998

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

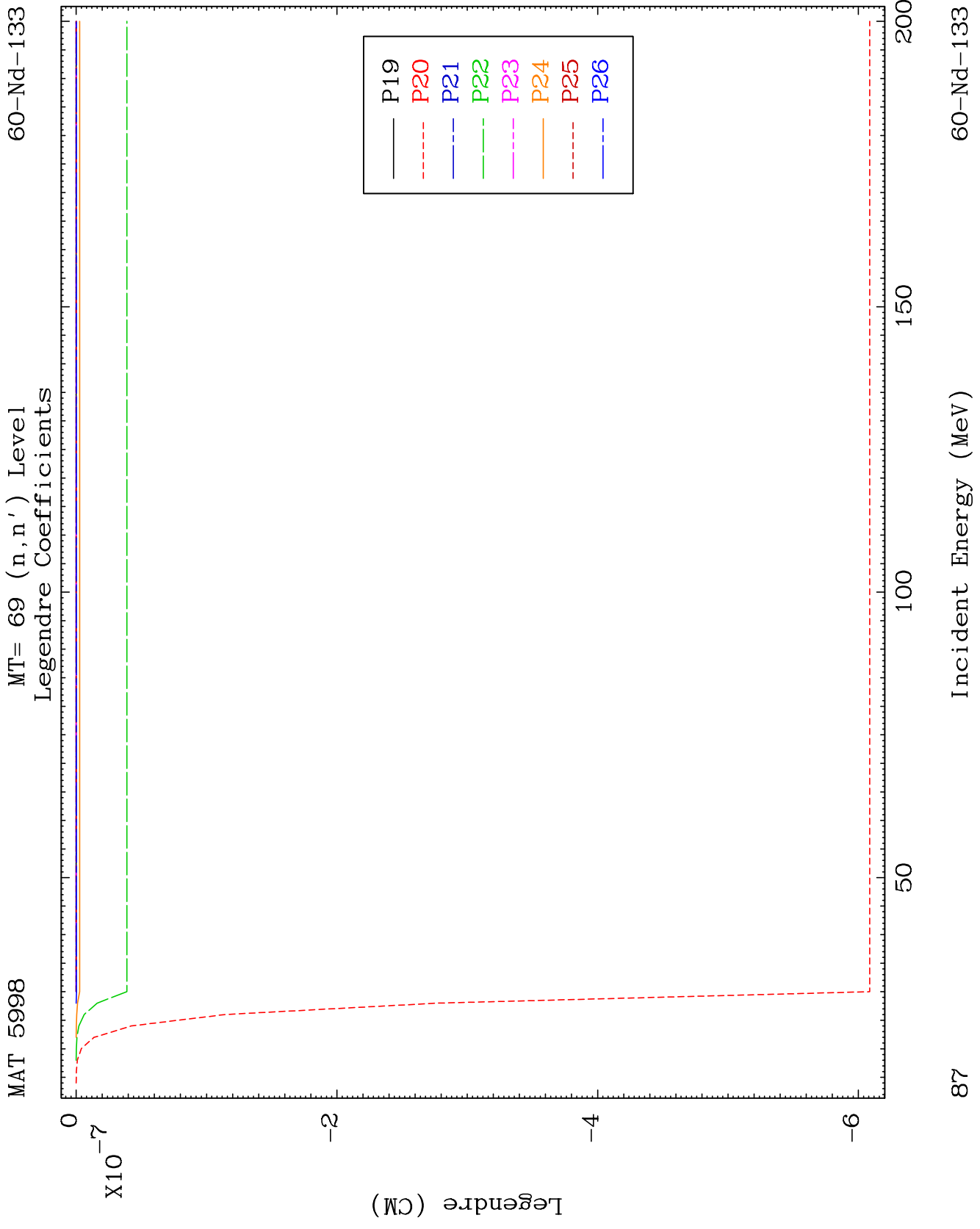
60-Nd-133



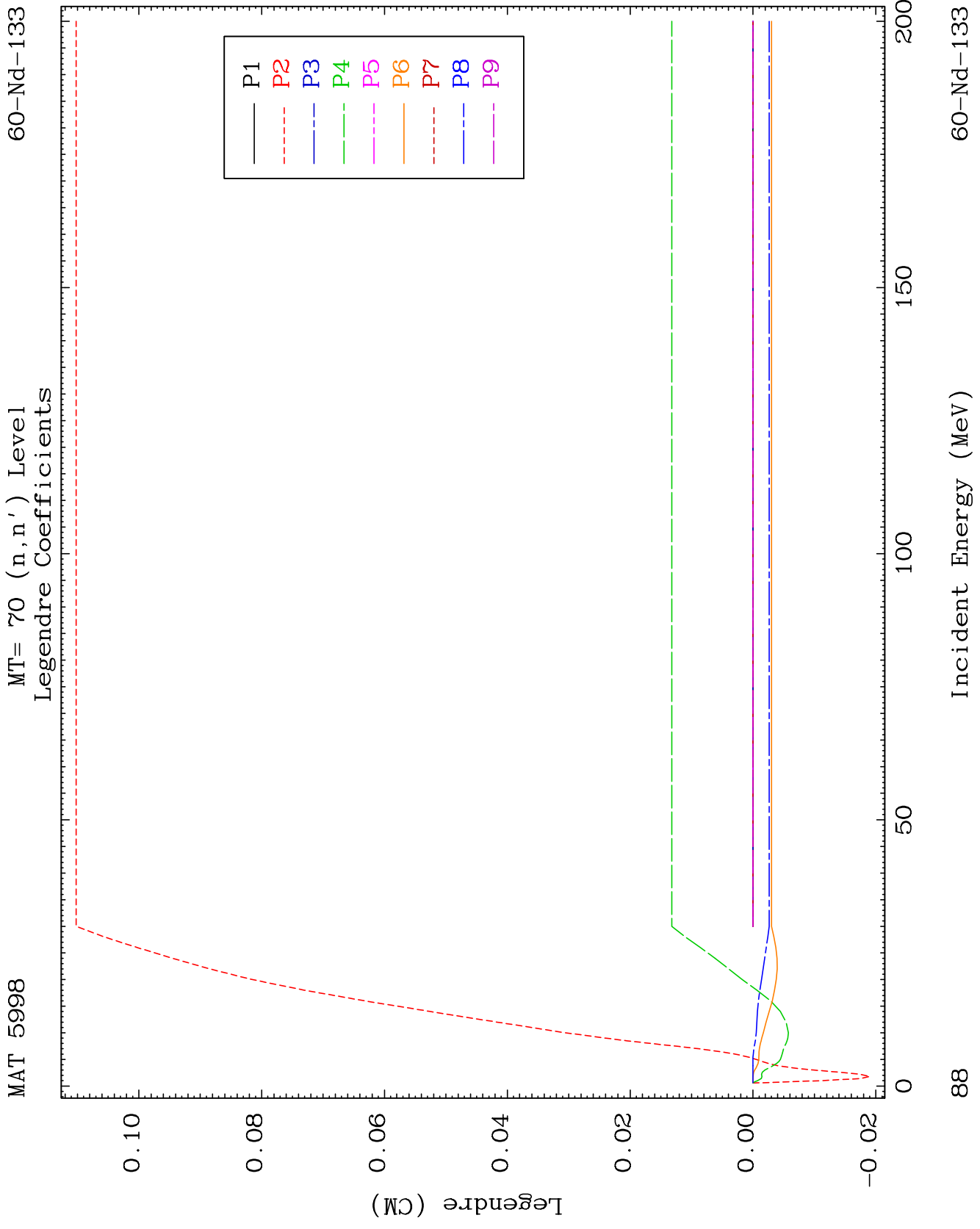
60-Nd-133

Incident Energy (MeV)

86



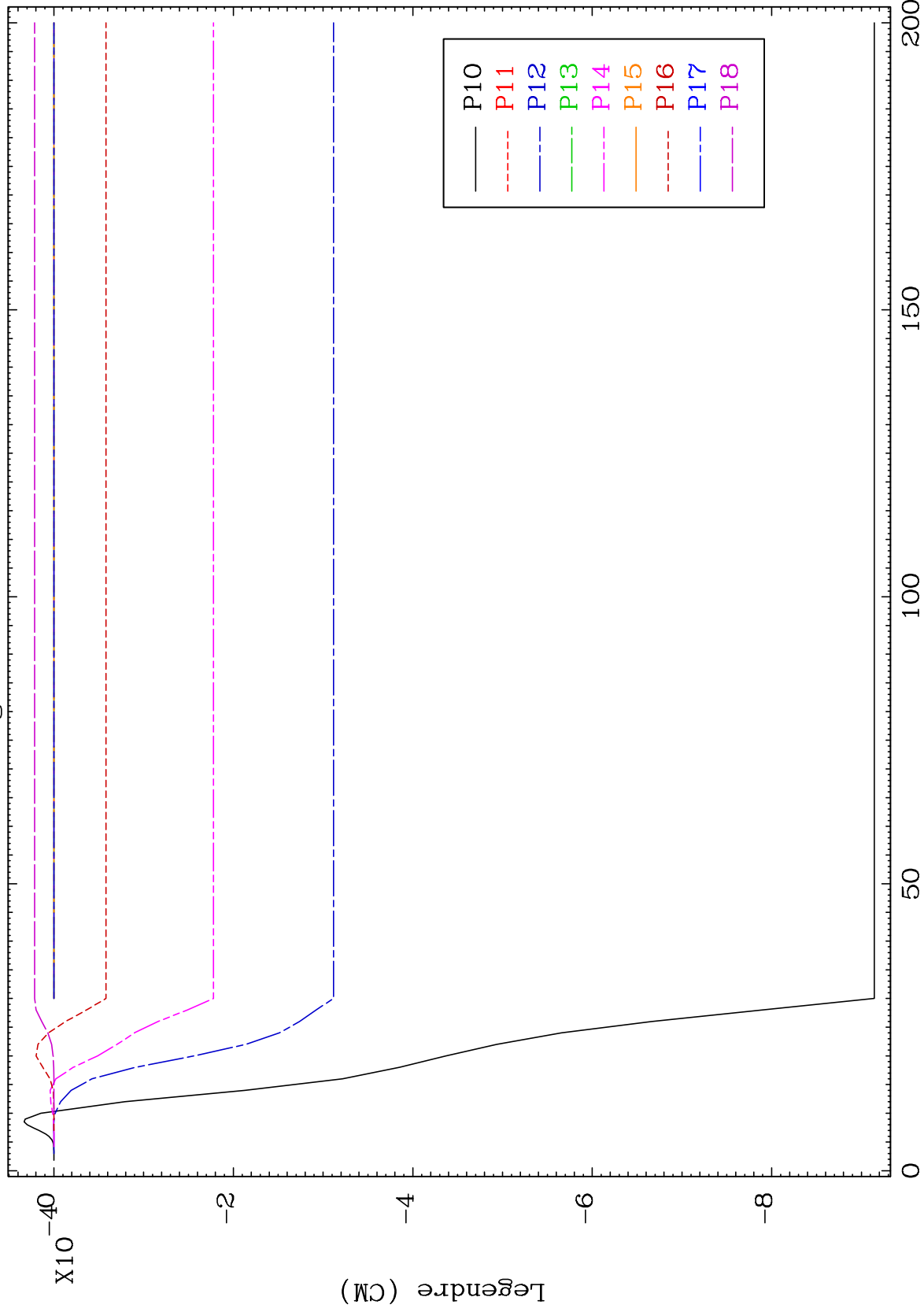




MAT 5998

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

60-Nd-133



89

Incident Energy (MeV)

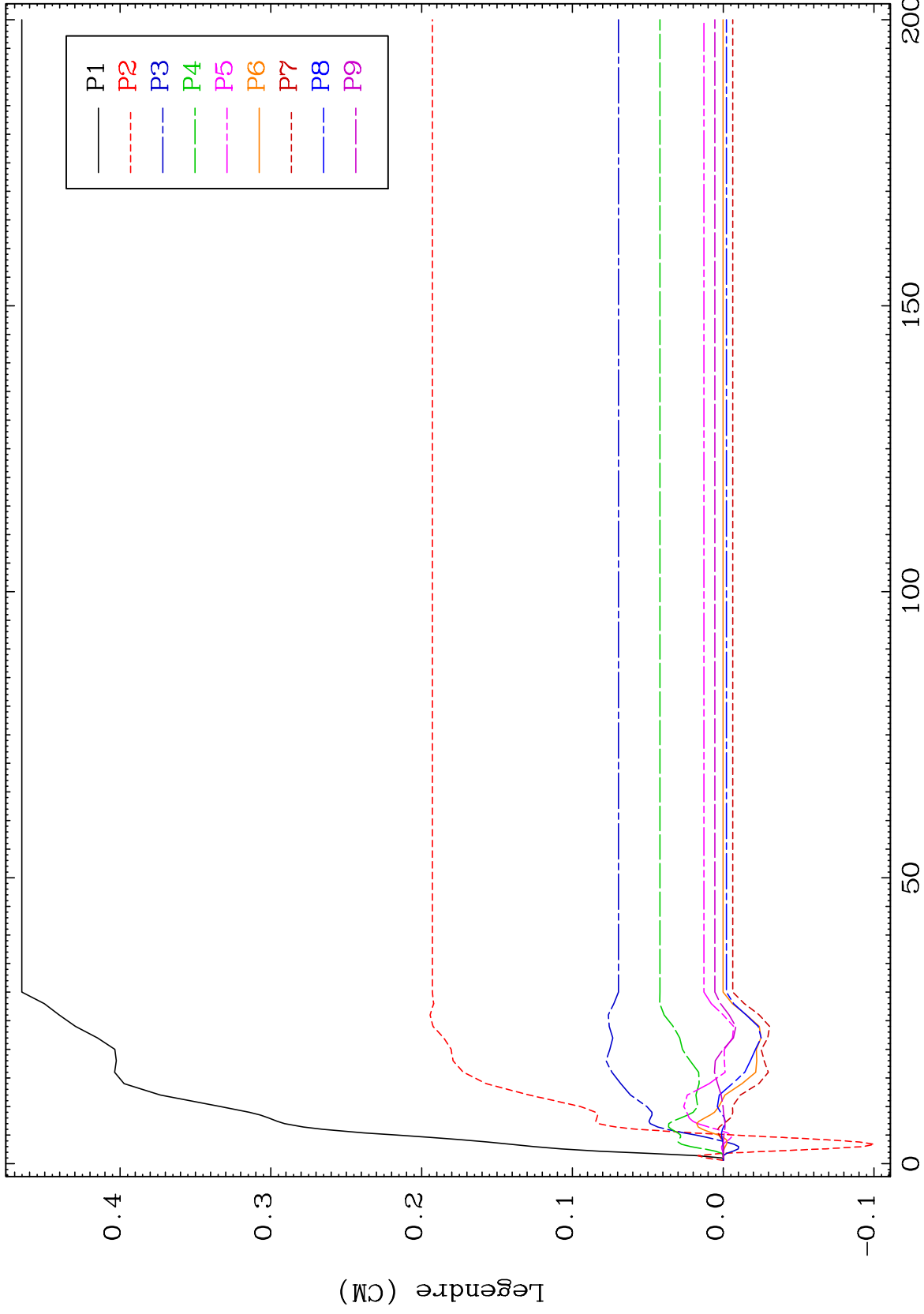
60-Nd-133



MAT 5998

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

60-Nd-133



91

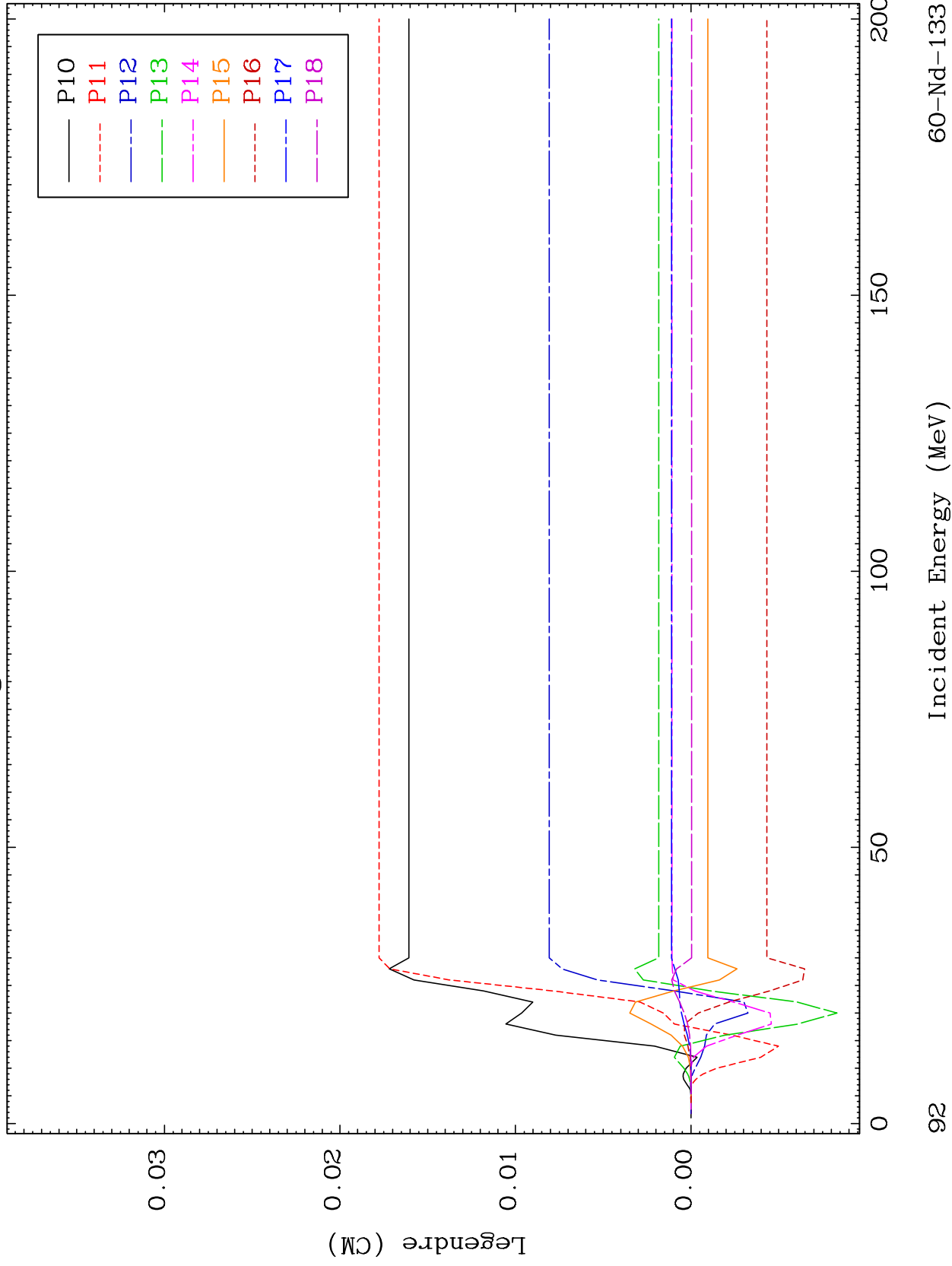
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

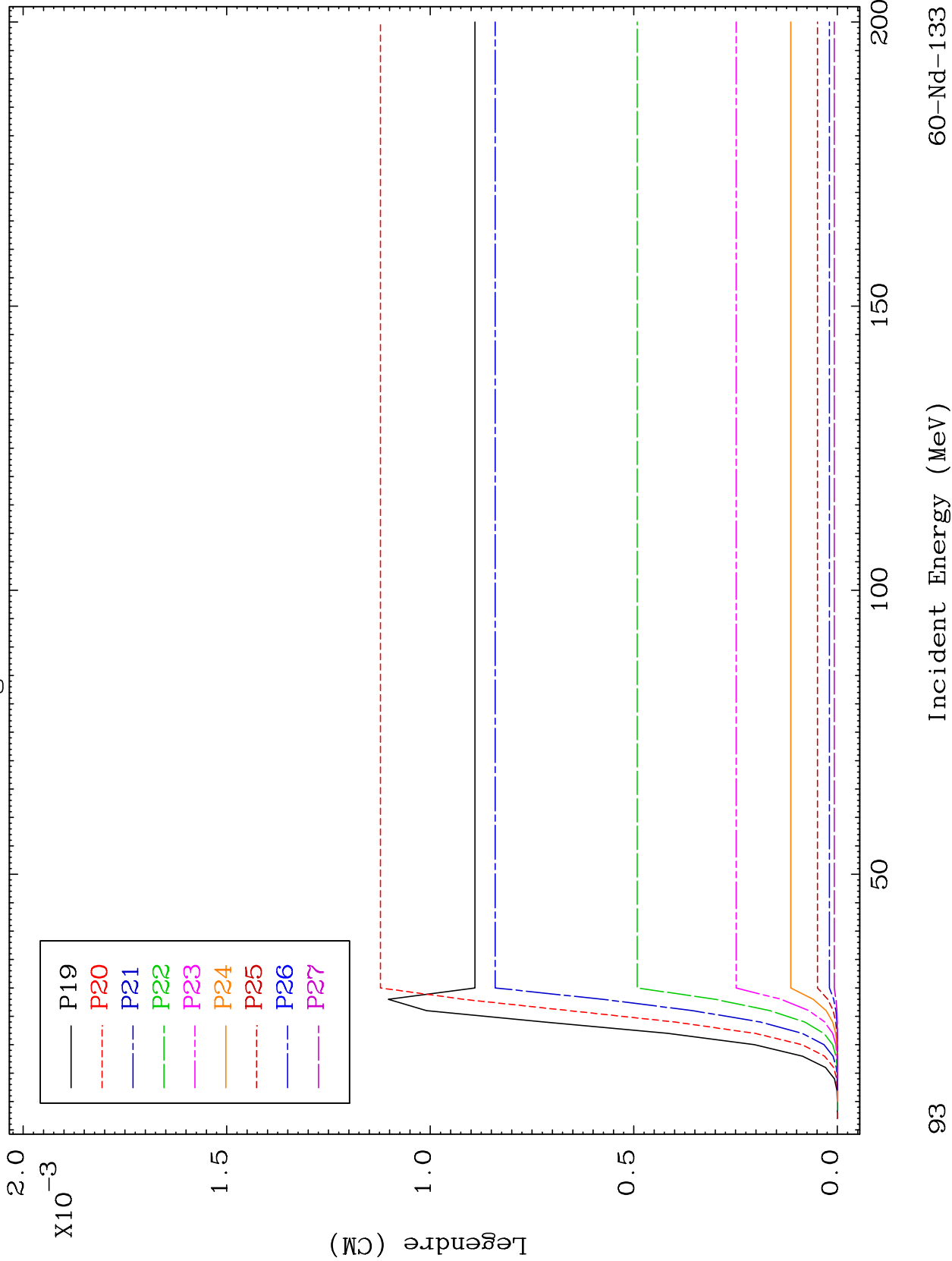
60-Nd-133



60-Nd-133

Incident Energy (MeV)

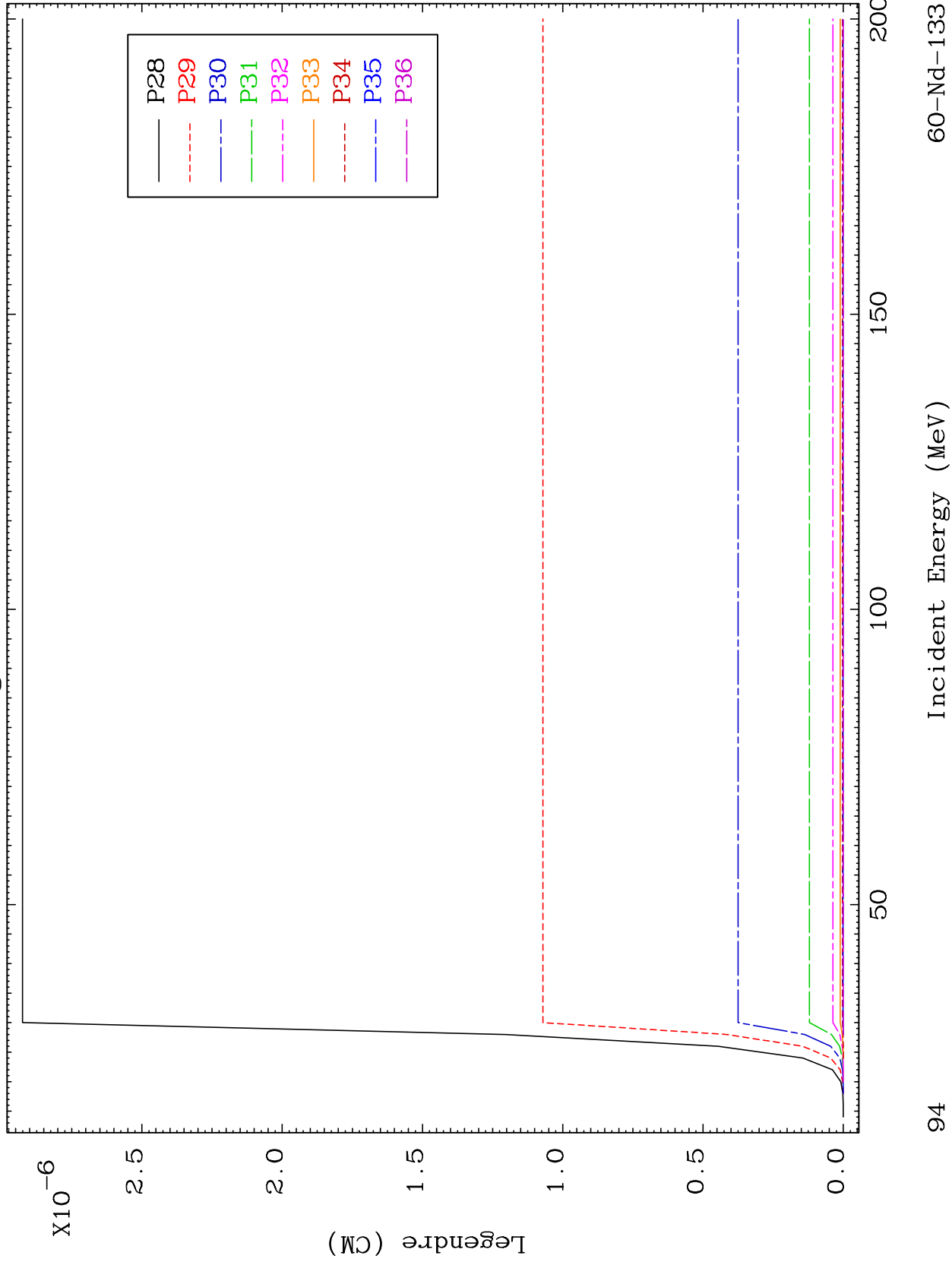
92



MAT 5998

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

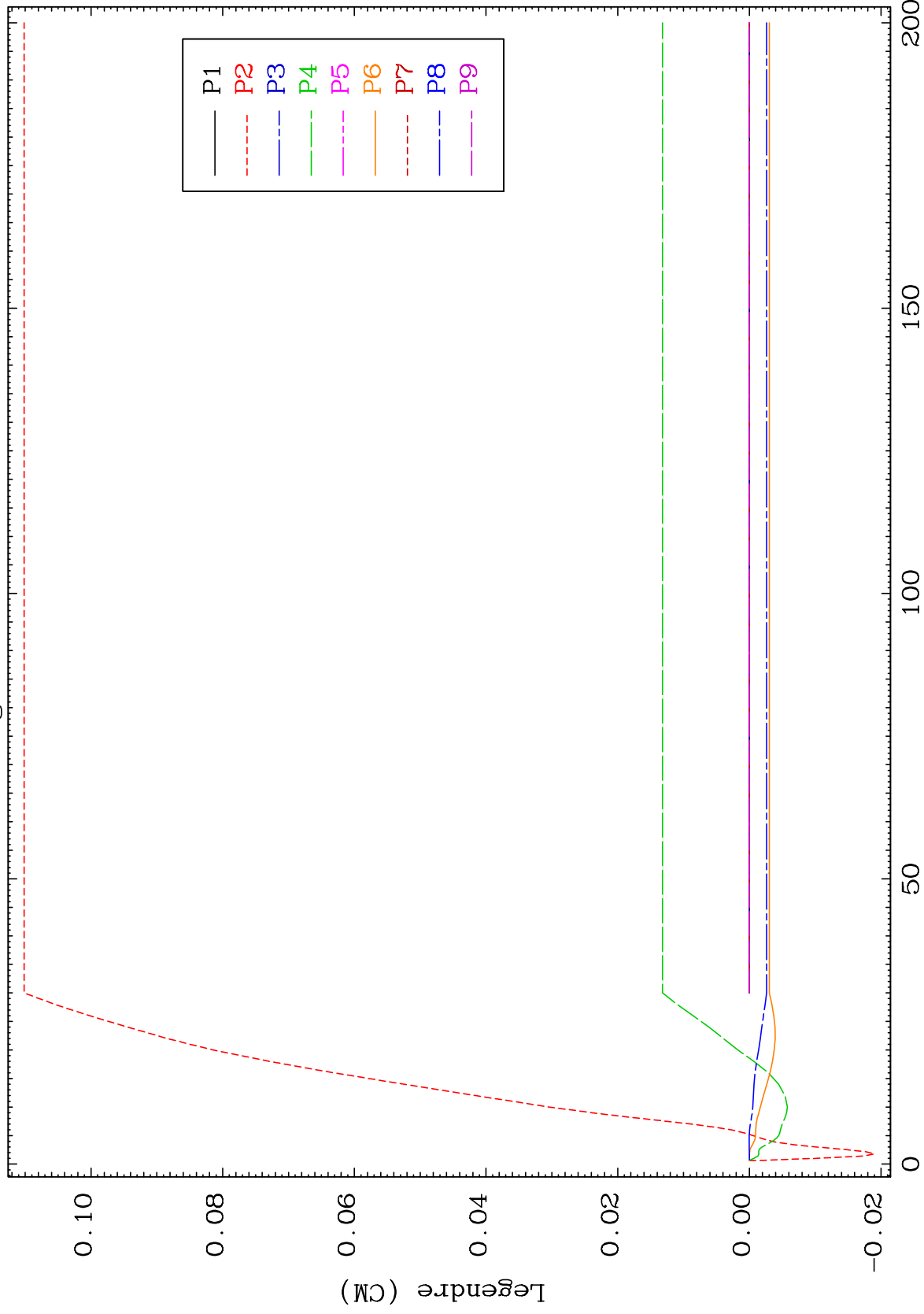
60-Nd-133



MAT 5998

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

60-Nd-133



60-Nd-133

Incident Energy (MeV)

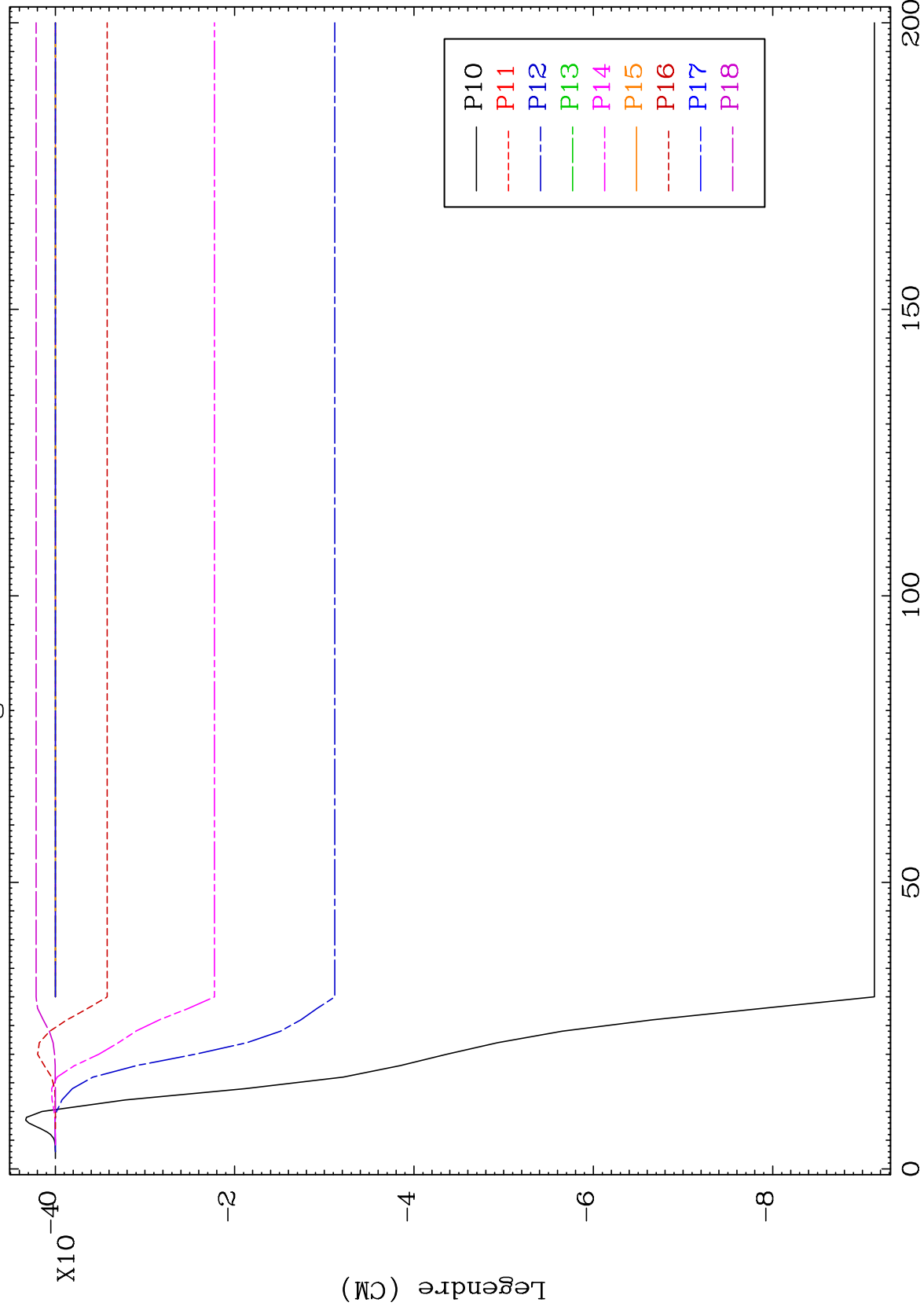
95



MAT 5998

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

60-Nd-133



96

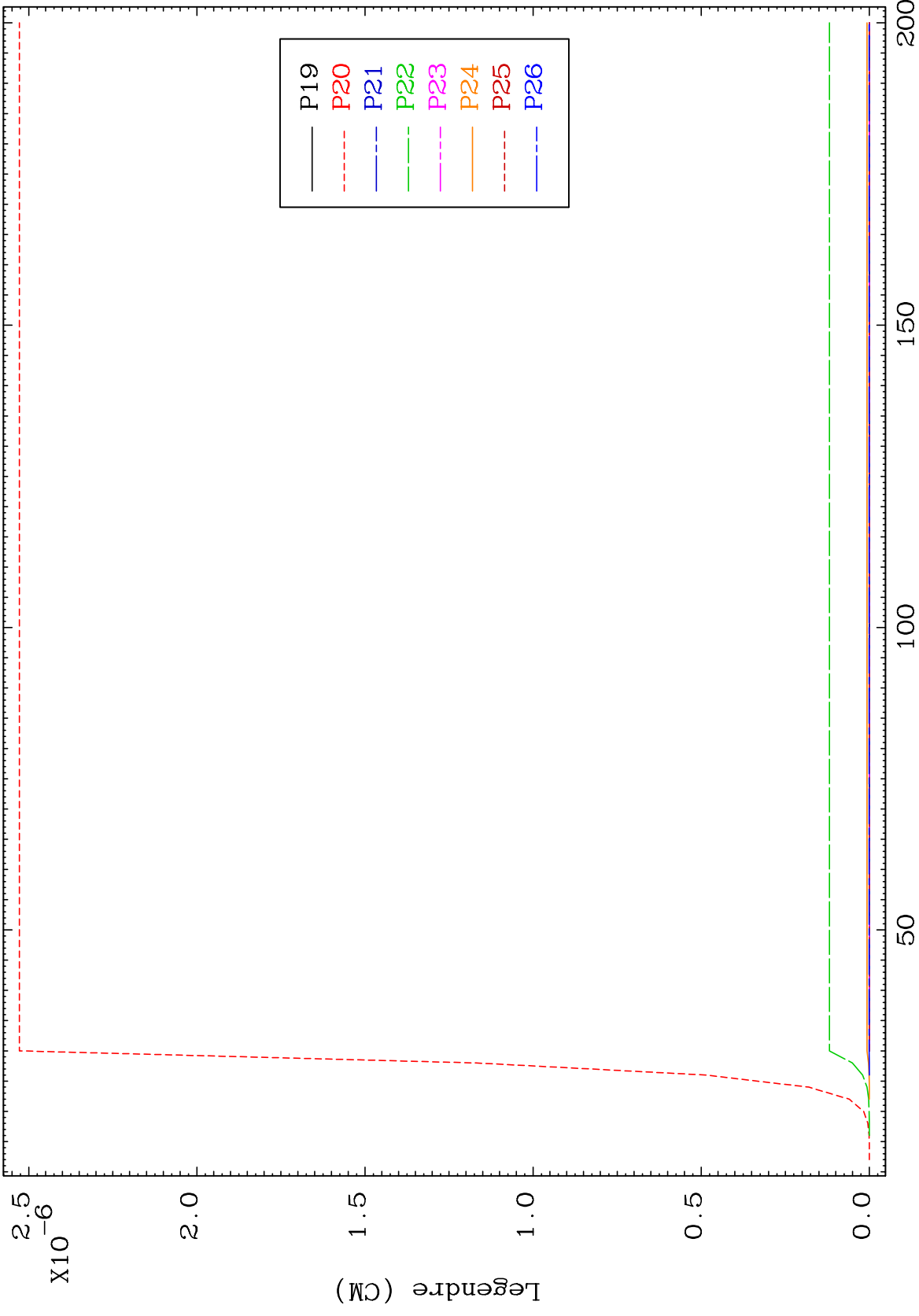
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



97

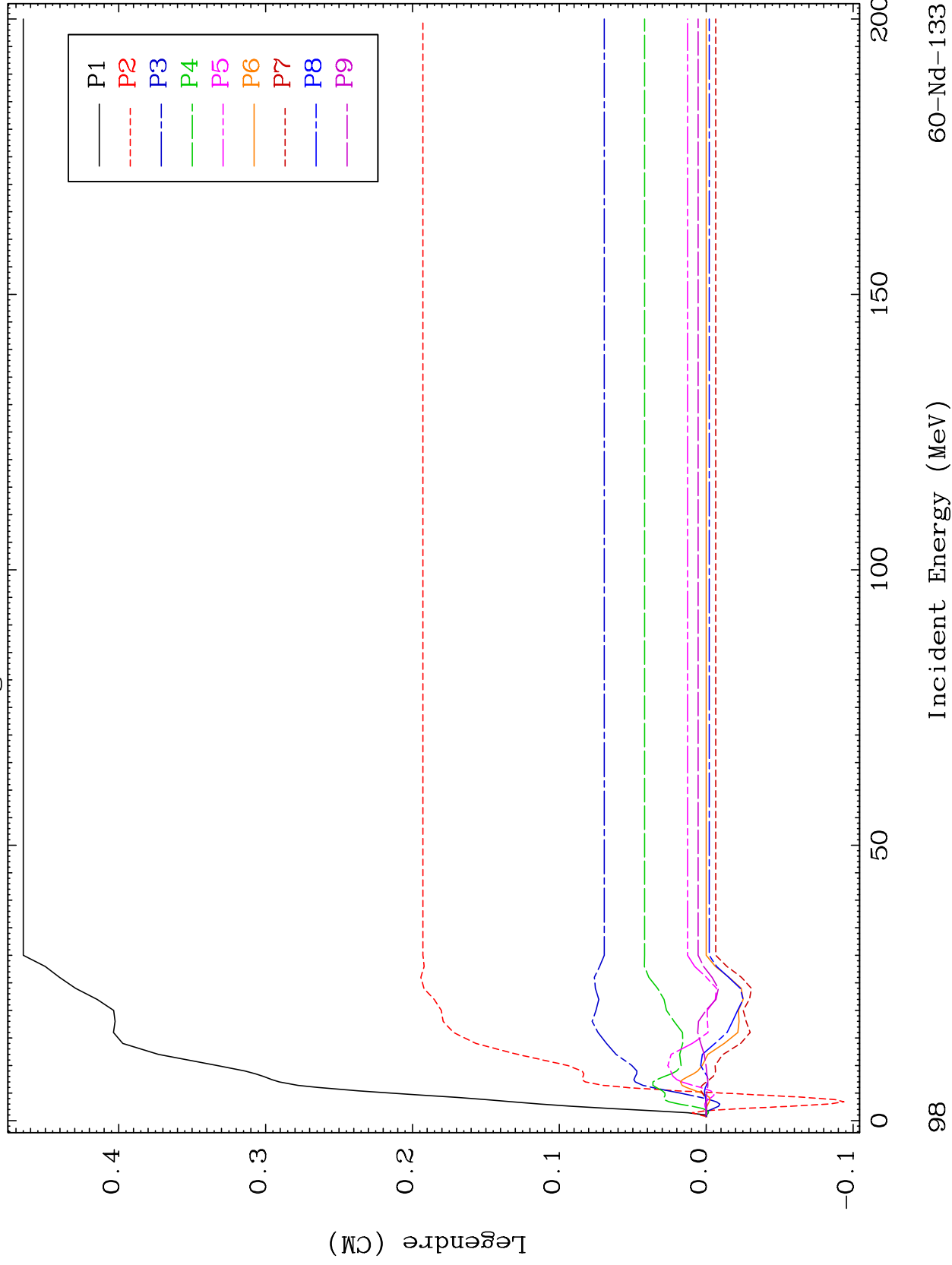
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



60-Nd-133

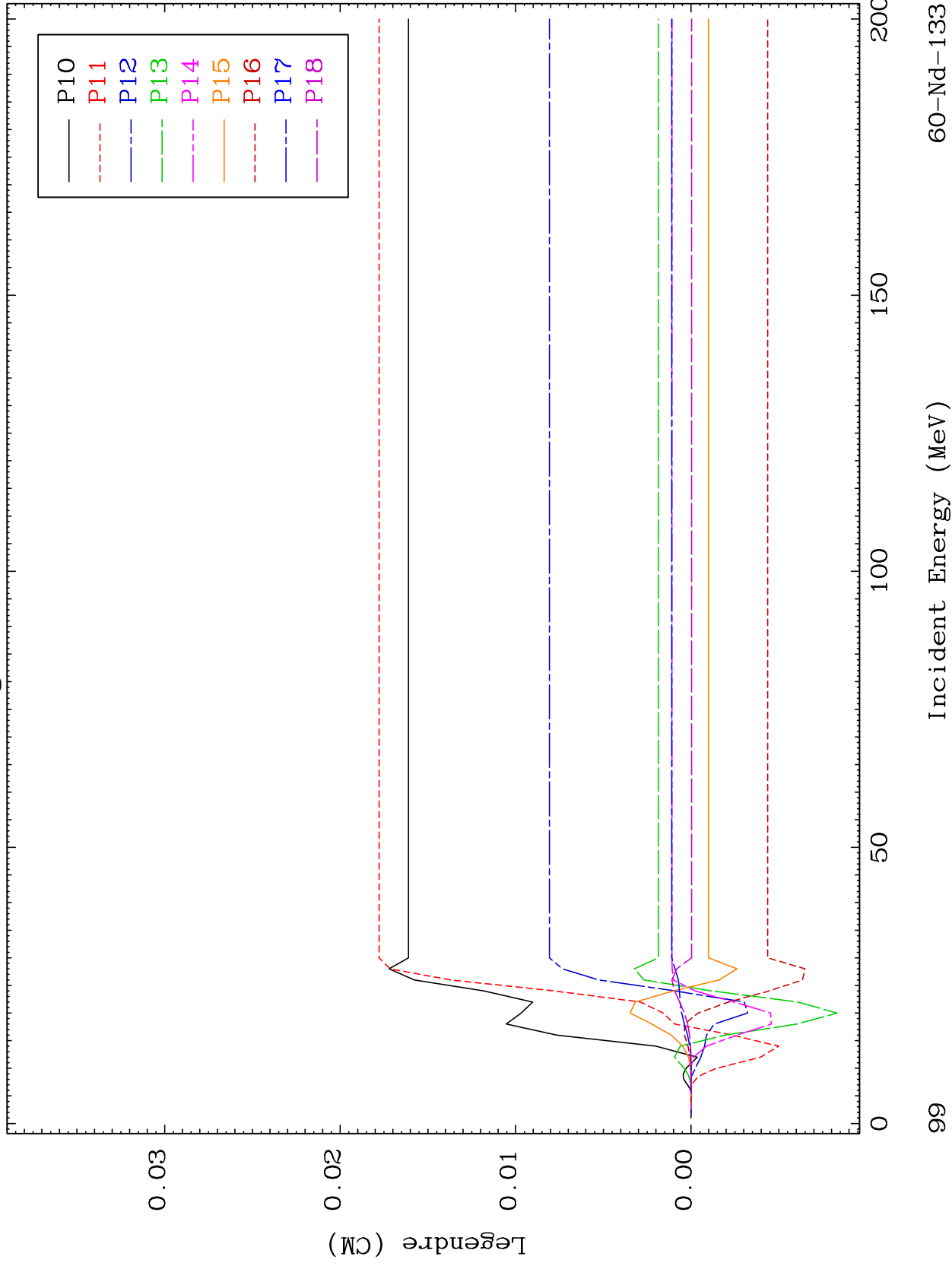
Incident Energy (MeV)

98

MAT 5998

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

60-Nd-133



60-Nd-133

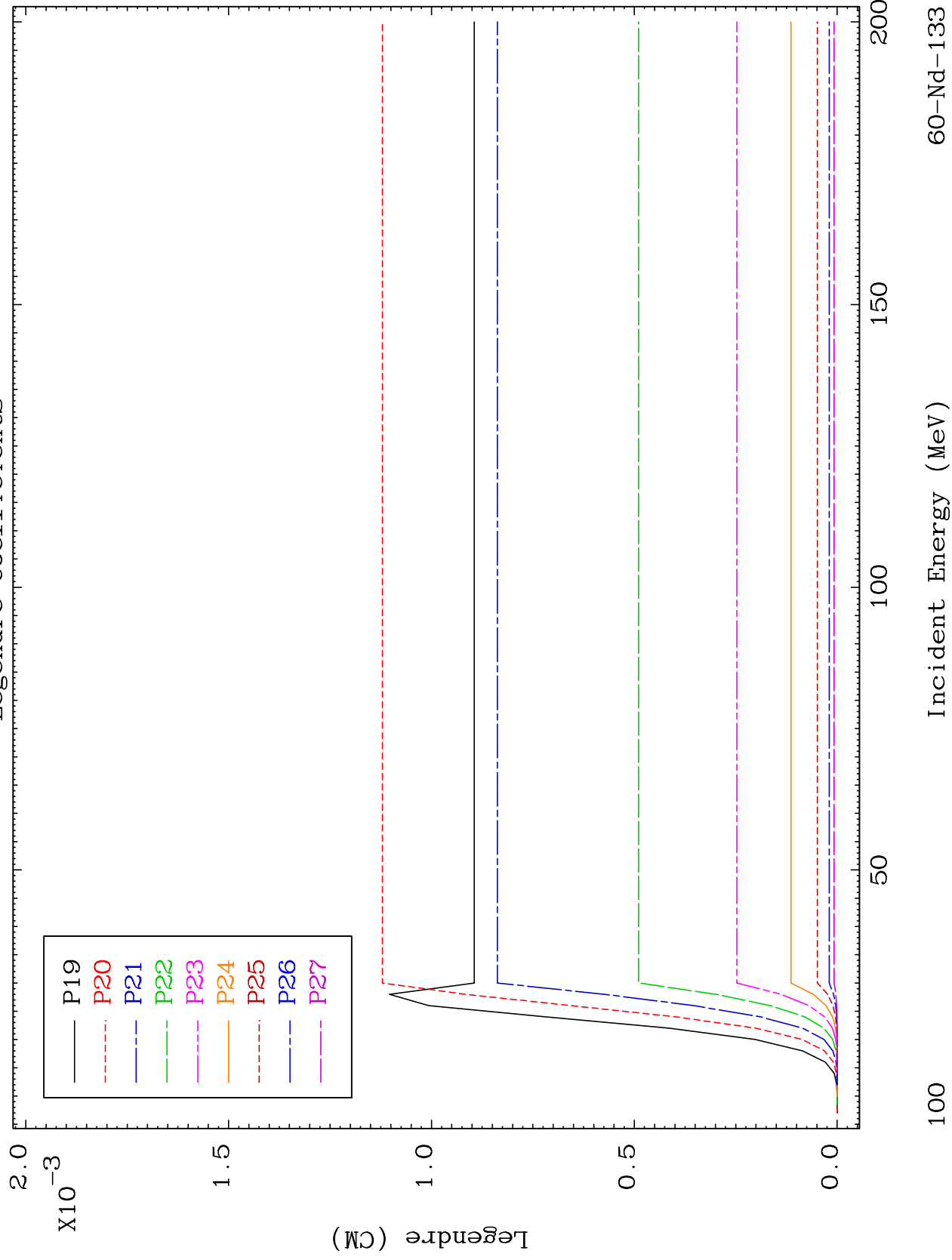
Incident Energy (MeV)

99

MAT 5998

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

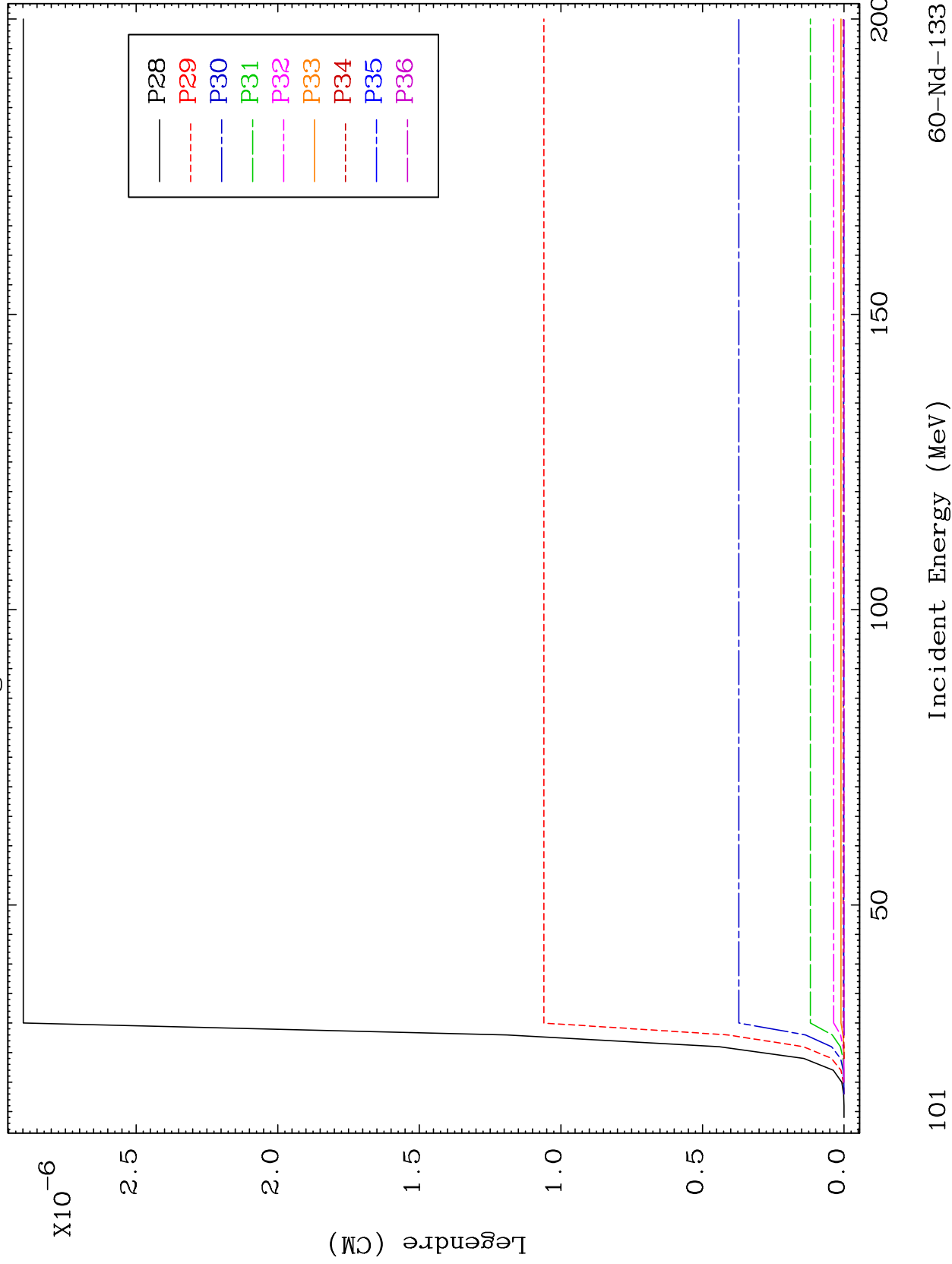
60-Nd-133



MAT 5998

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

60-Nd-133



101

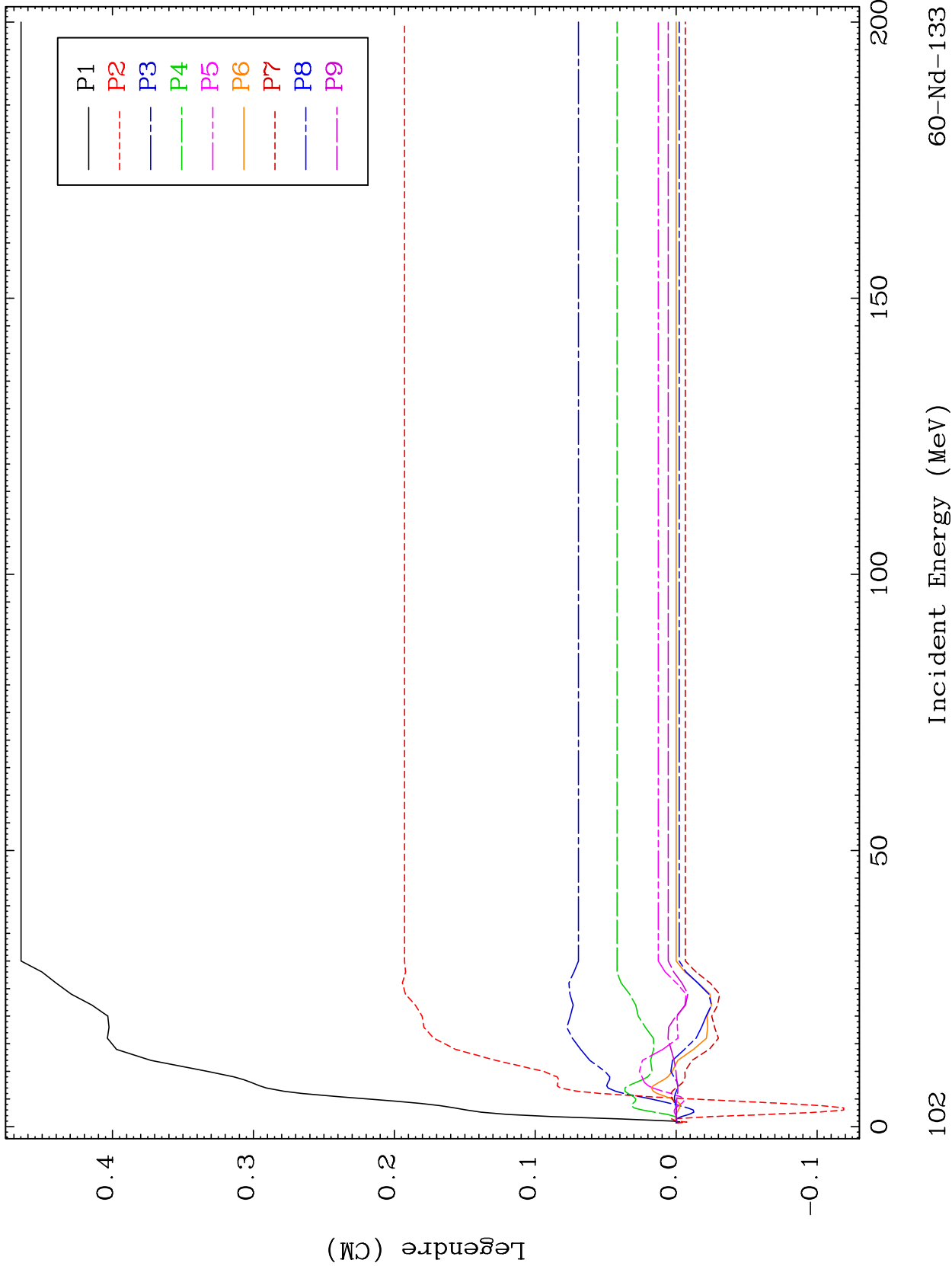
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



60-Nd-133

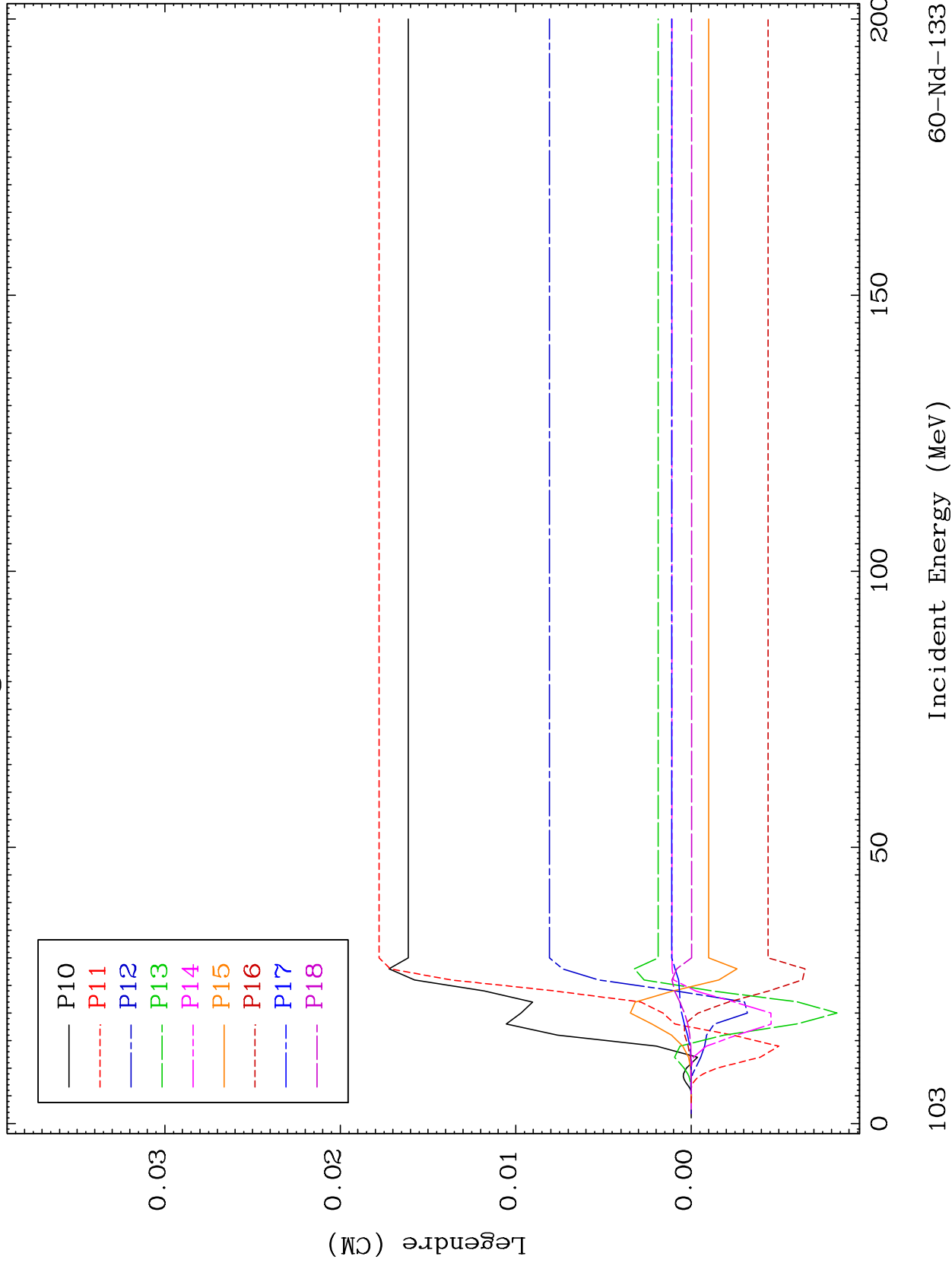
Incident Energy (MeV)

102

MAT 5998

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

60-Nd-133

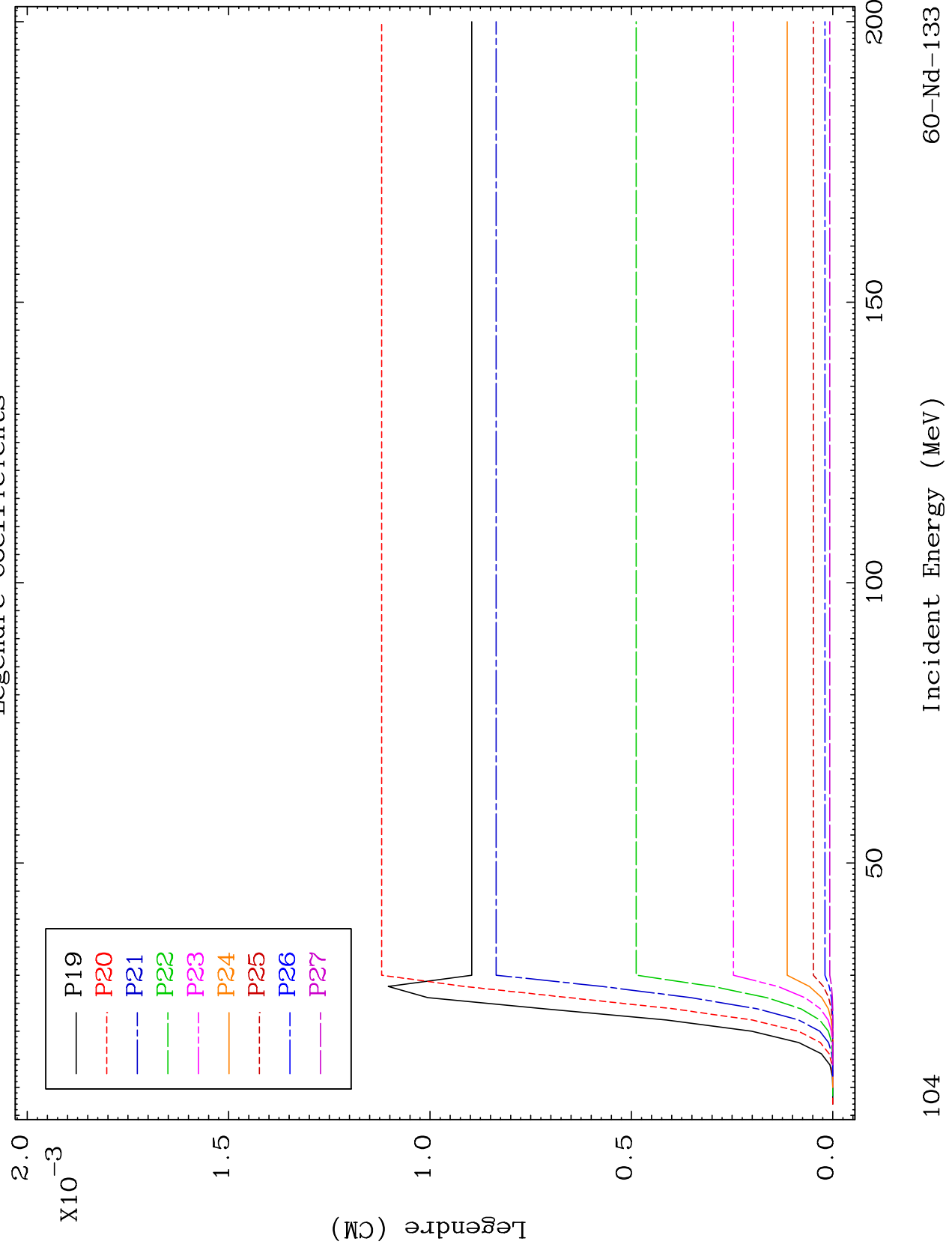


60-Nd-133

Incident Energy (MeV)

103

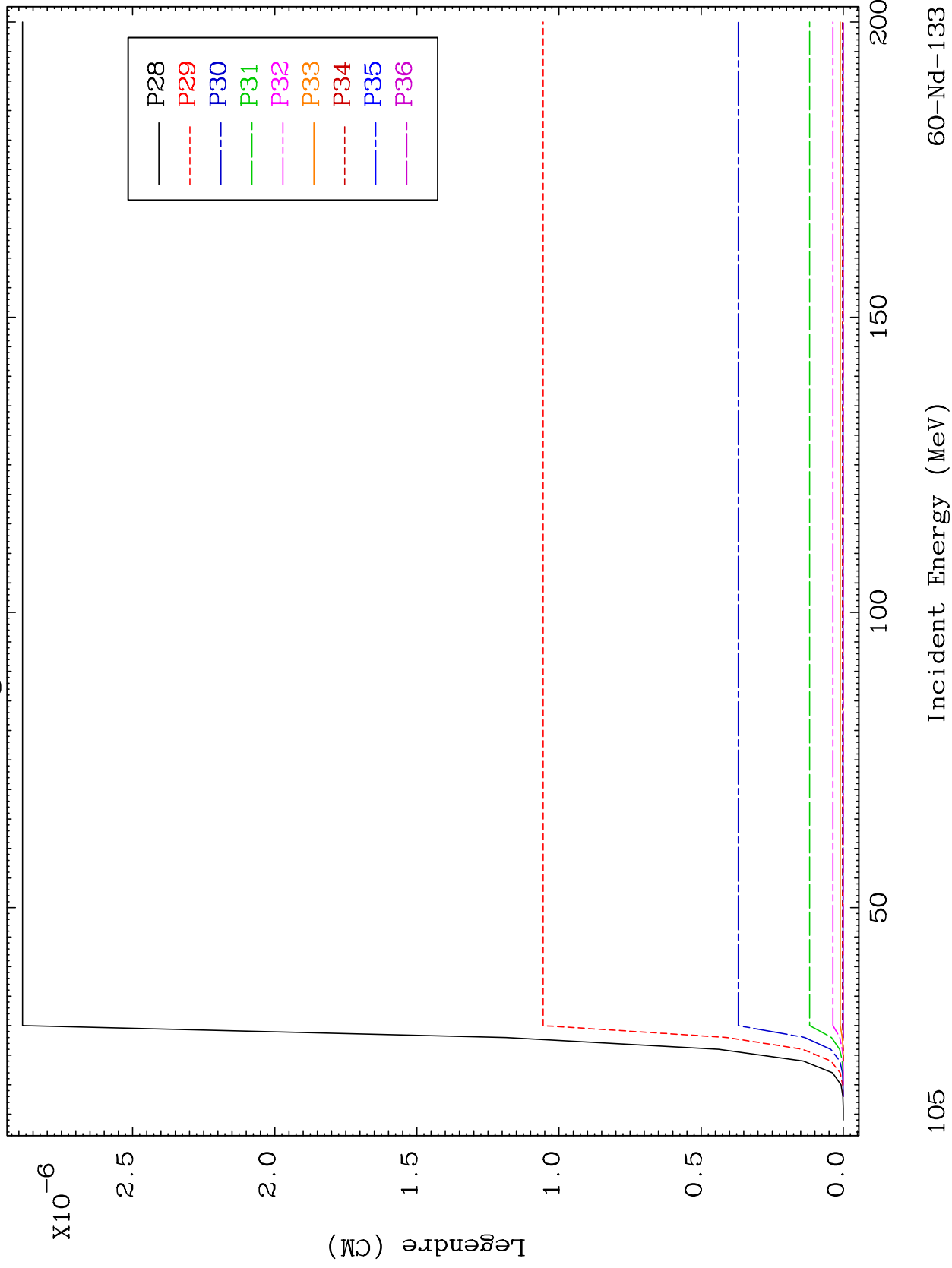




MAT 5998

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

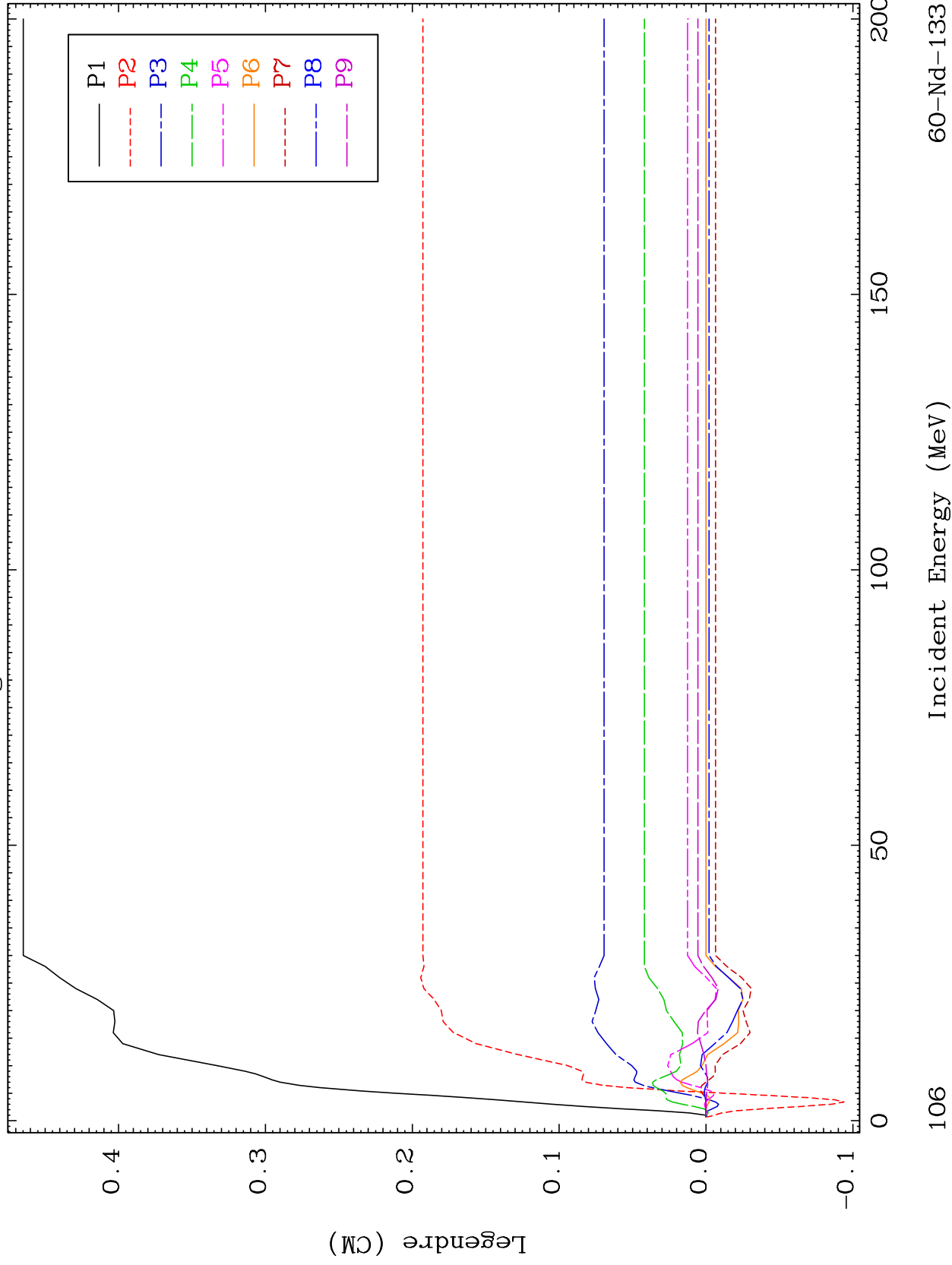
60-Nd-133



MAT 5998

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

60-Nd-133



60-Nd-133

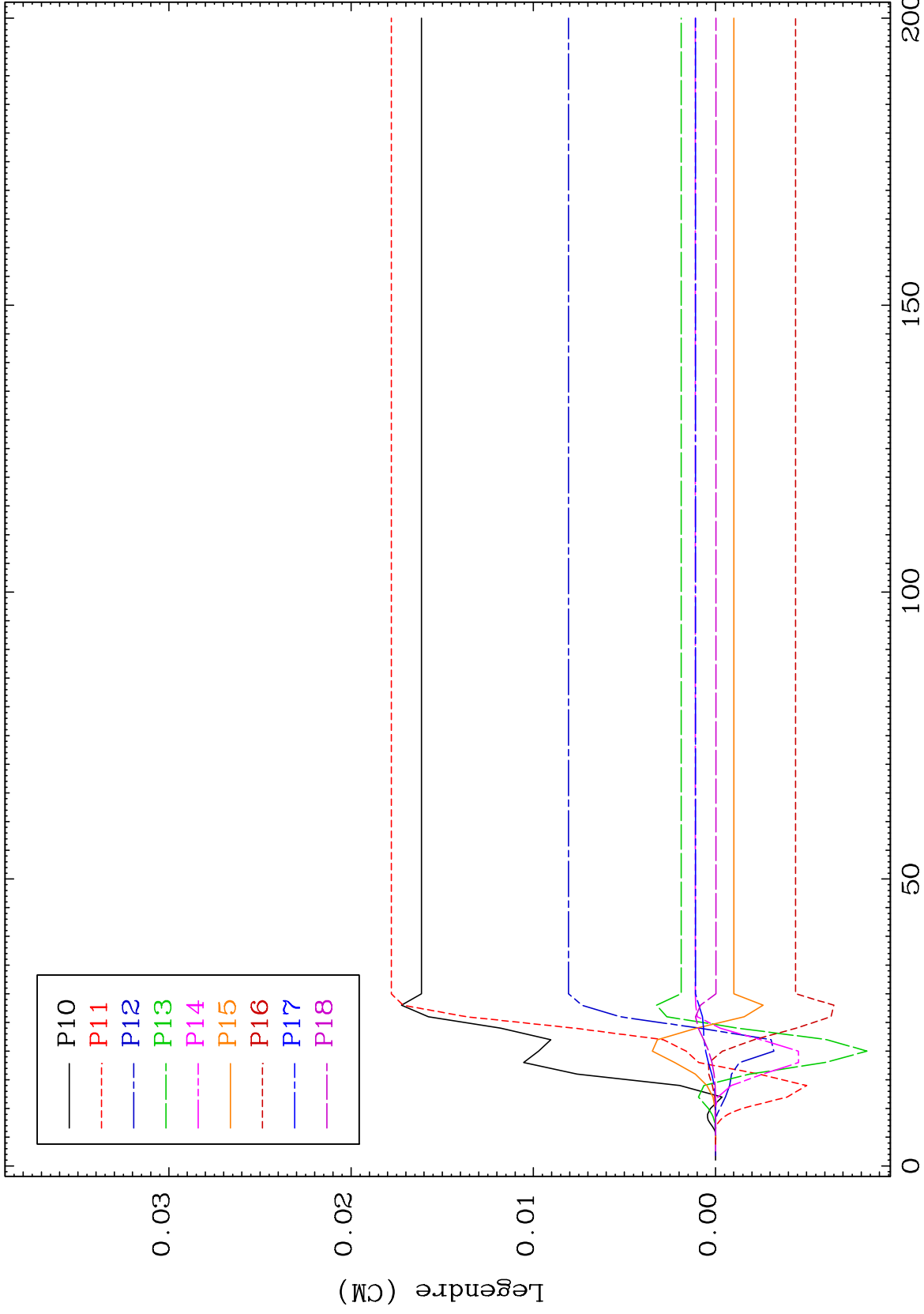
Incident Energy (MeV)

106

MAT 5998

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

60-Nd-133



107

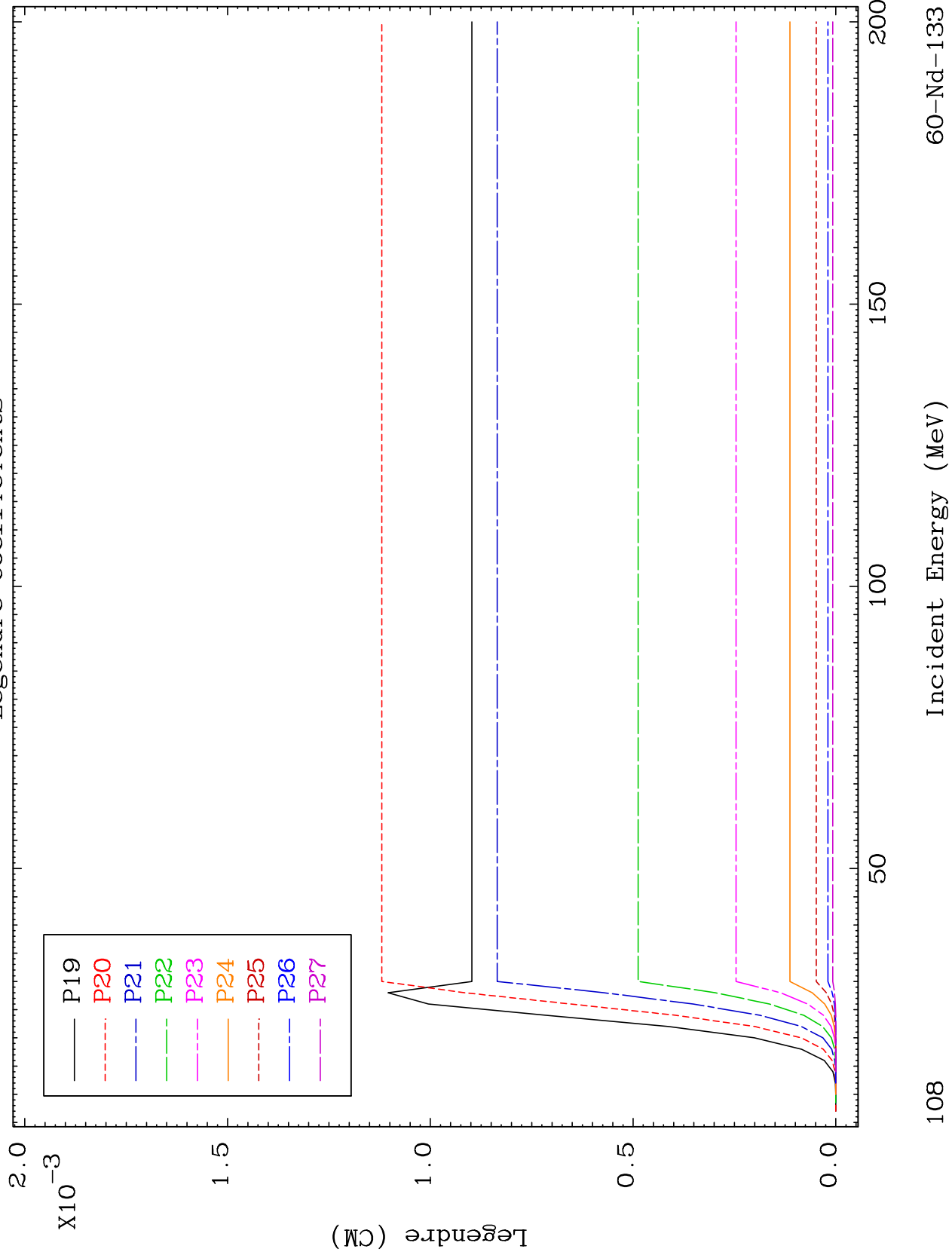
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133

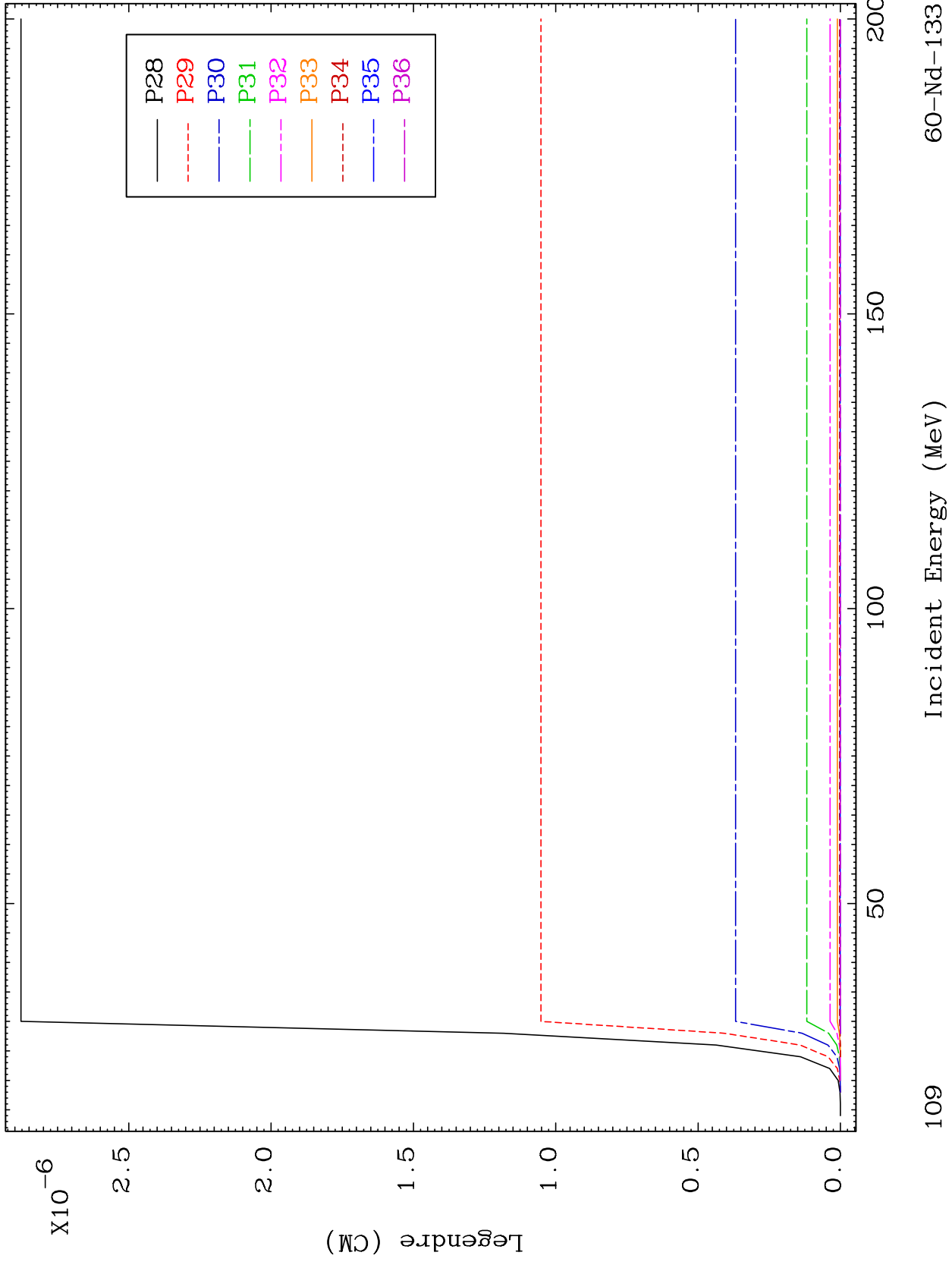


108

MAT 5998

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

60-Nd-133



109

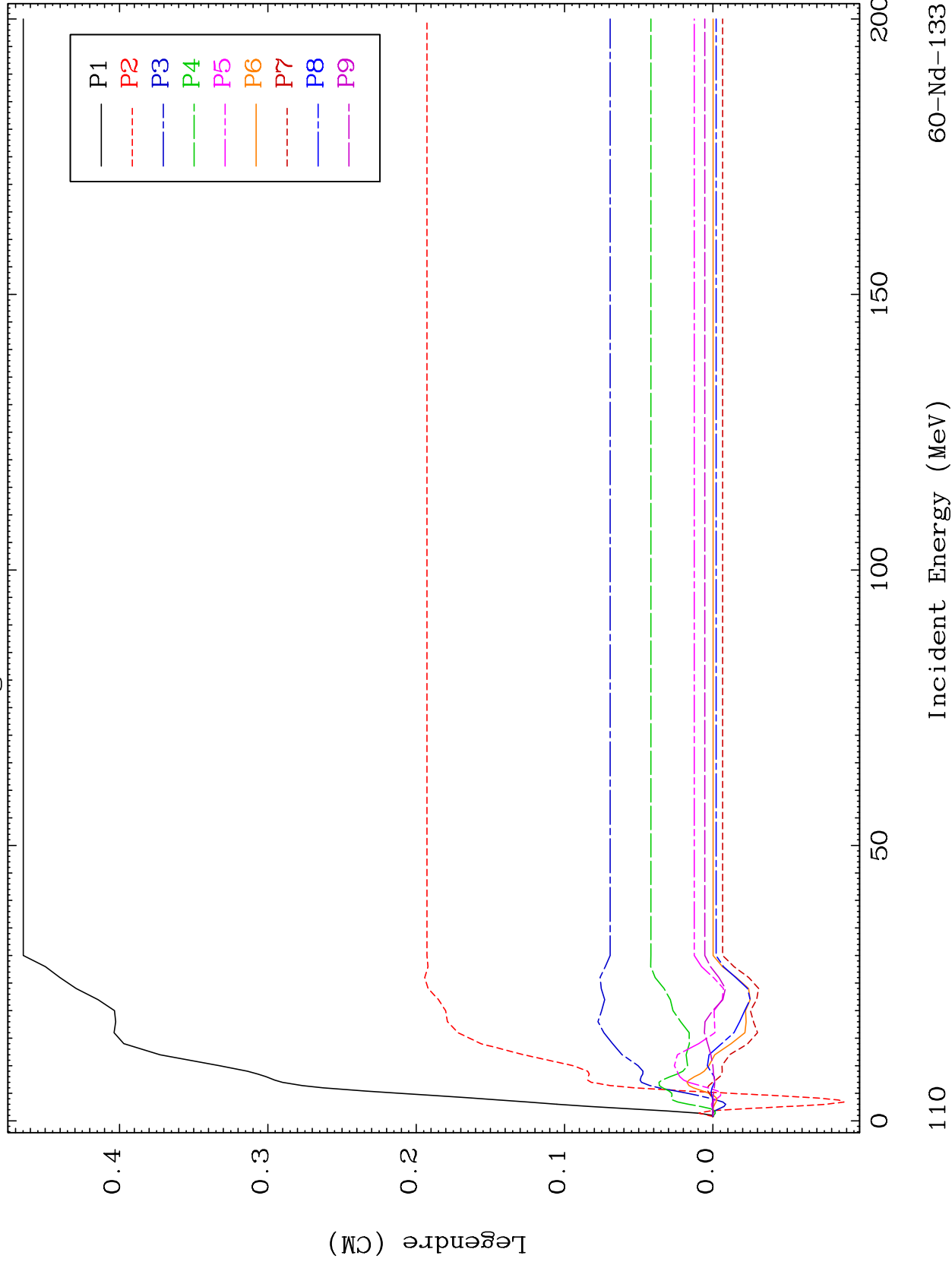
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



60-Nd-133

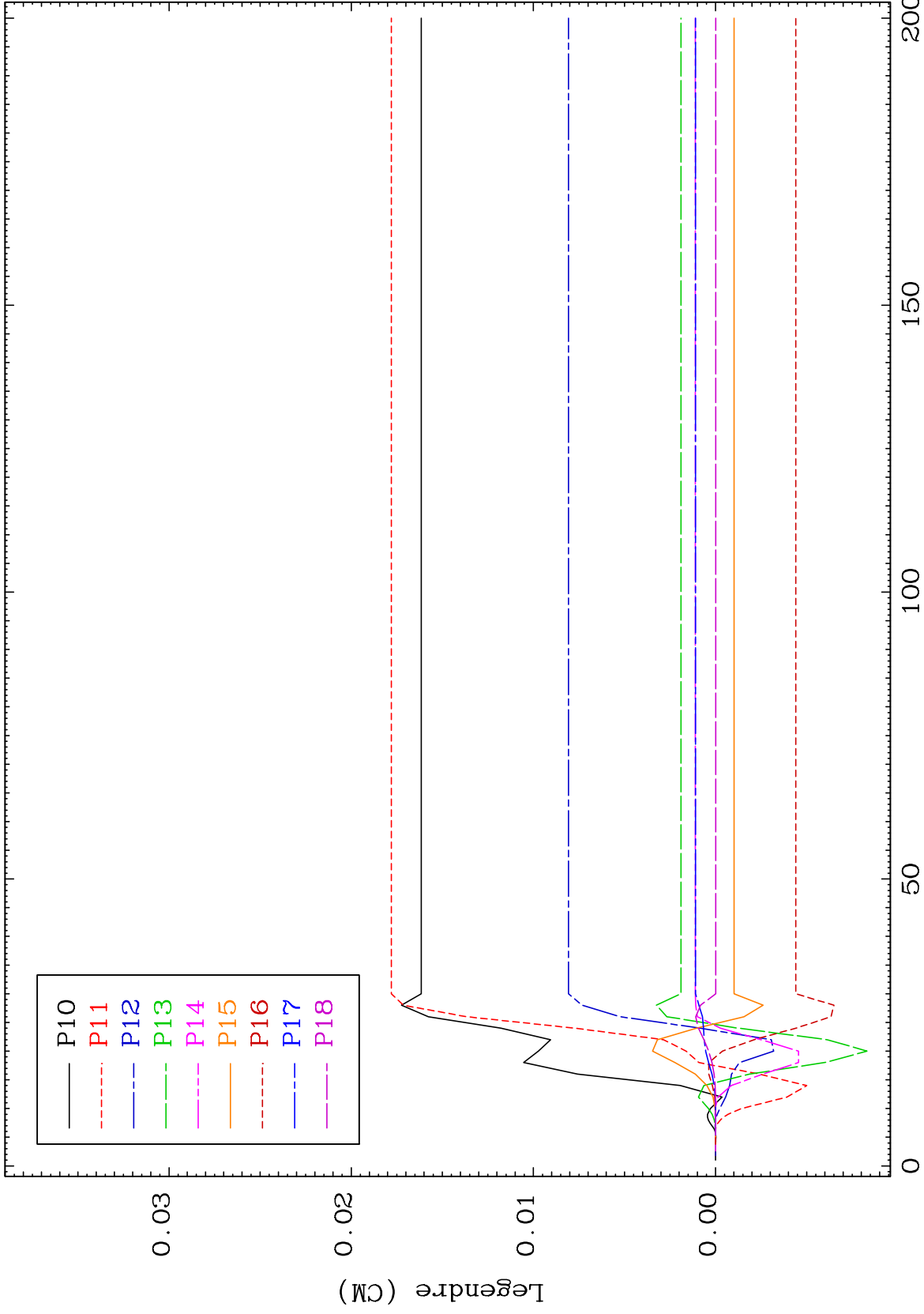
Incident Energy (MeV)

0

MAT 5998

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

60-Nd-133



111

Incident Energy (MeV)

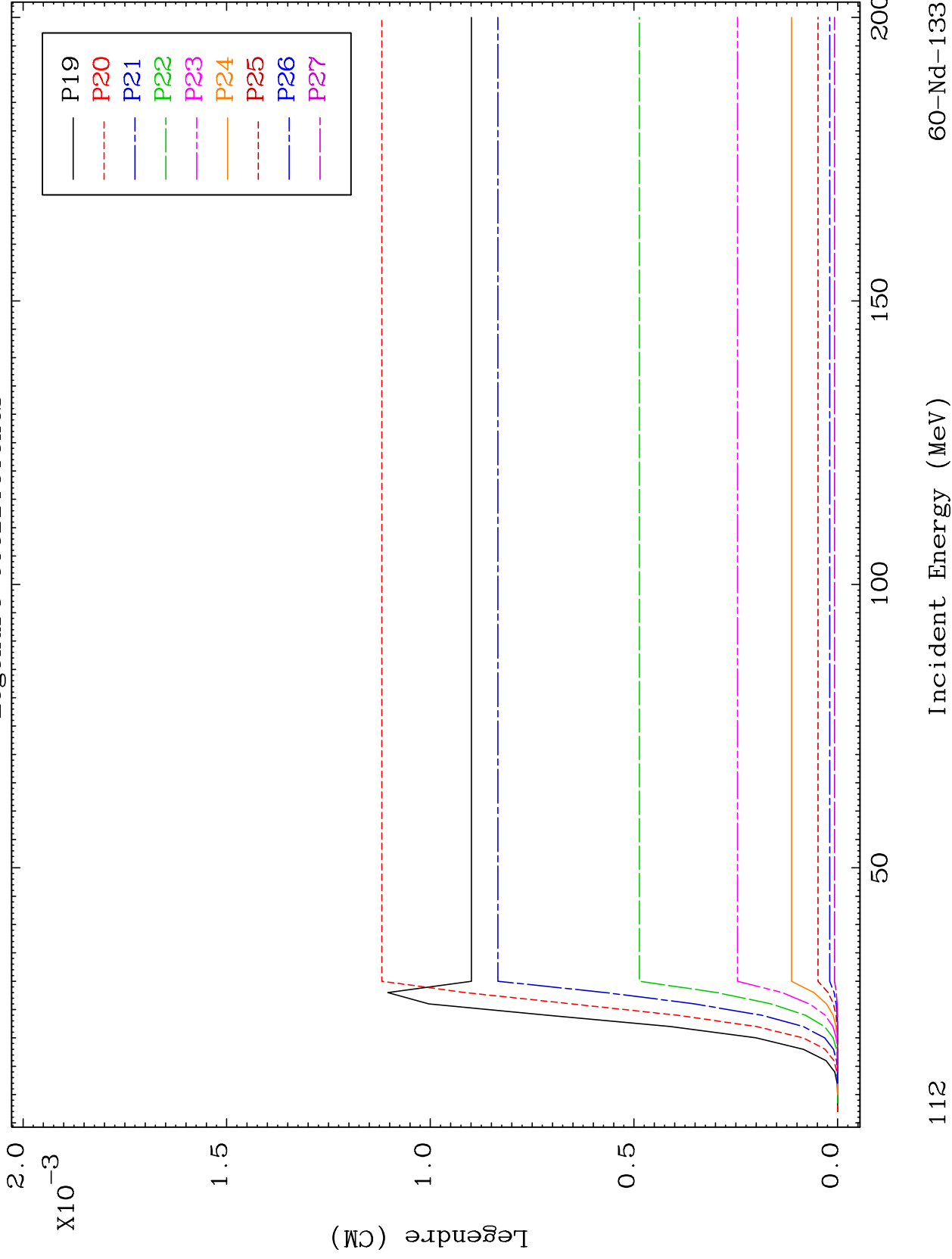
60-Nd-133



MAT 5998

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

60-Nd-133



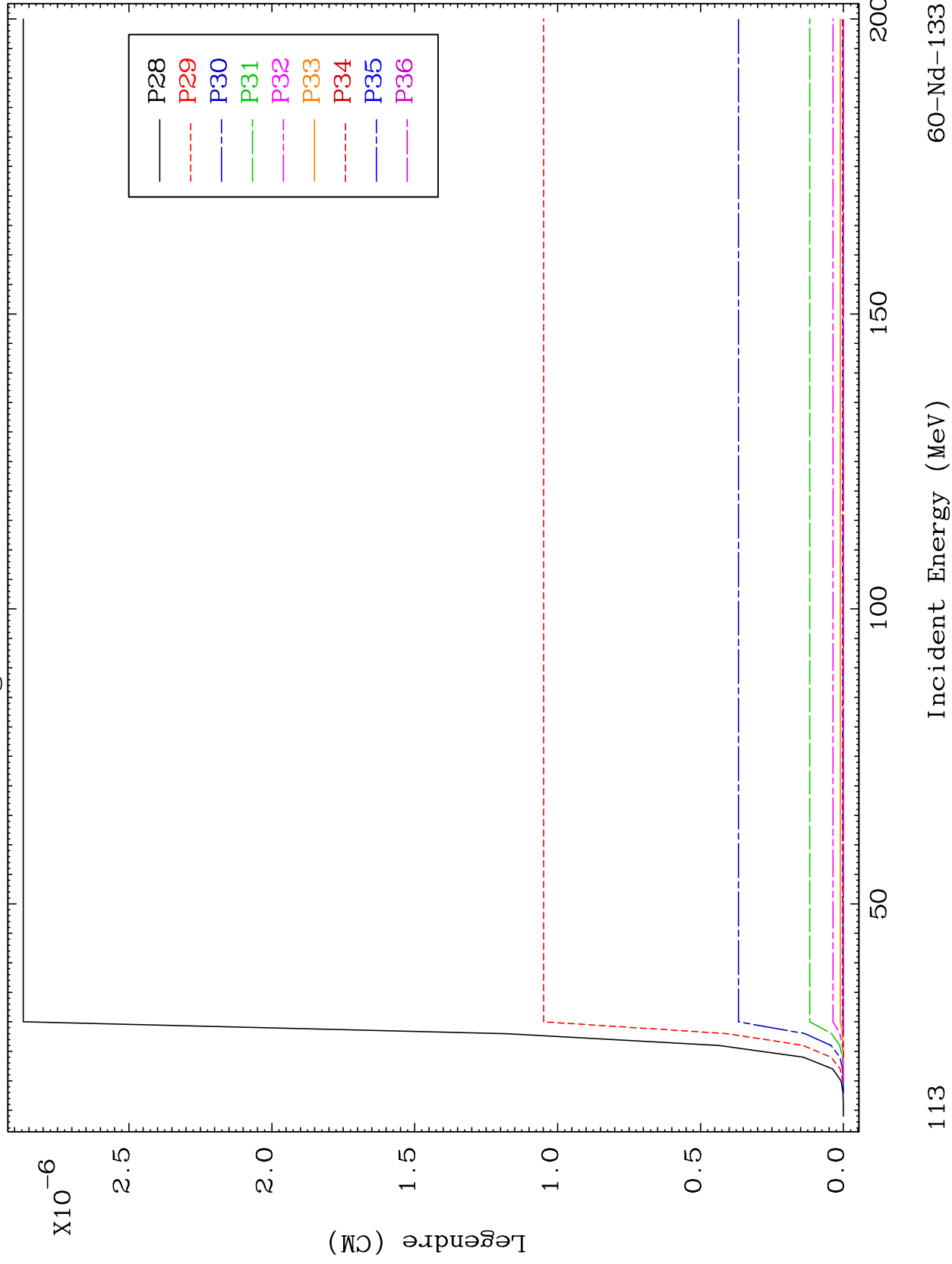
112

60-Nd-133

MAT 5998

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

60-Nd-133

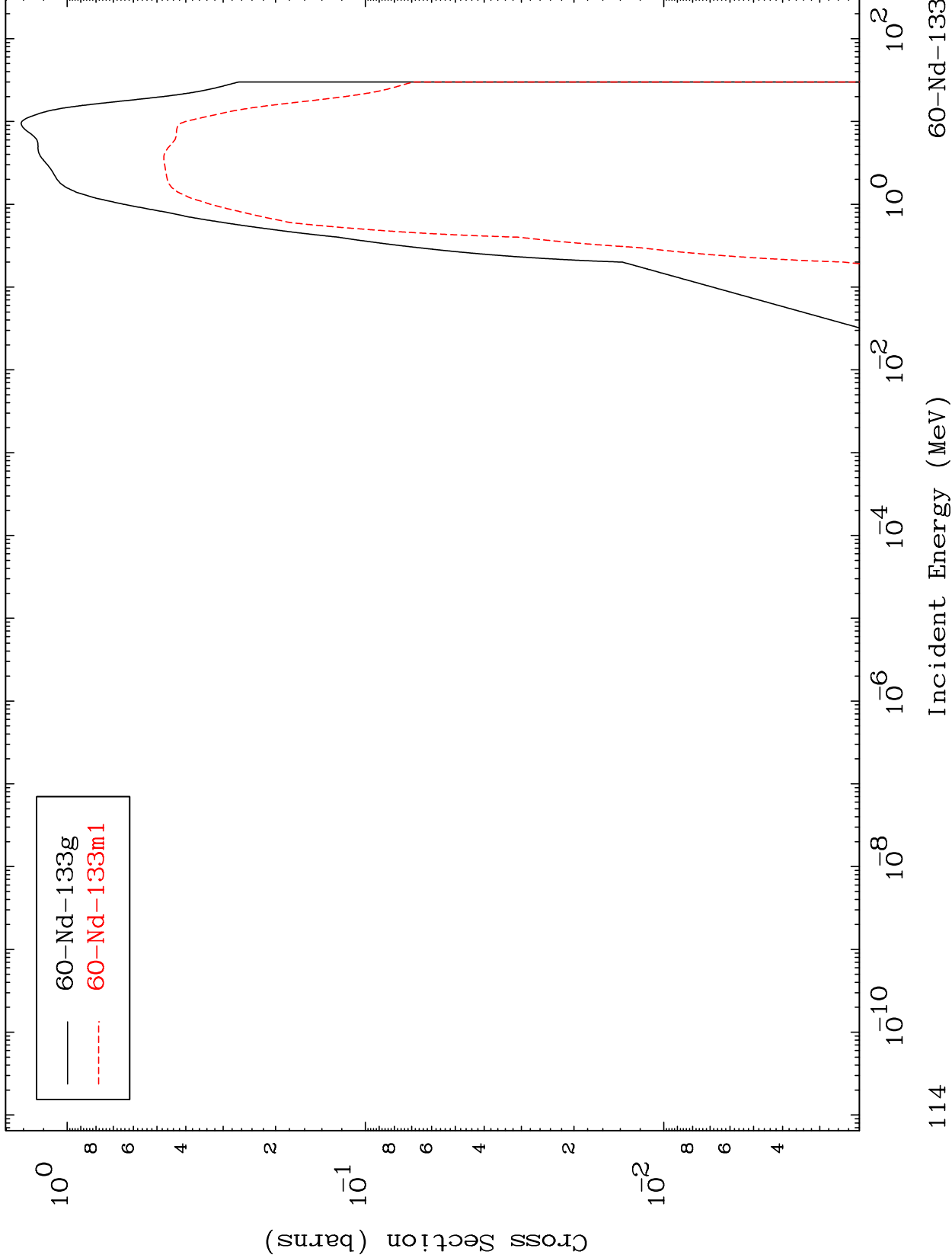


113

MAT 5998

Inelastic  
Radionuclide Production Cross Section

60-Nd-133



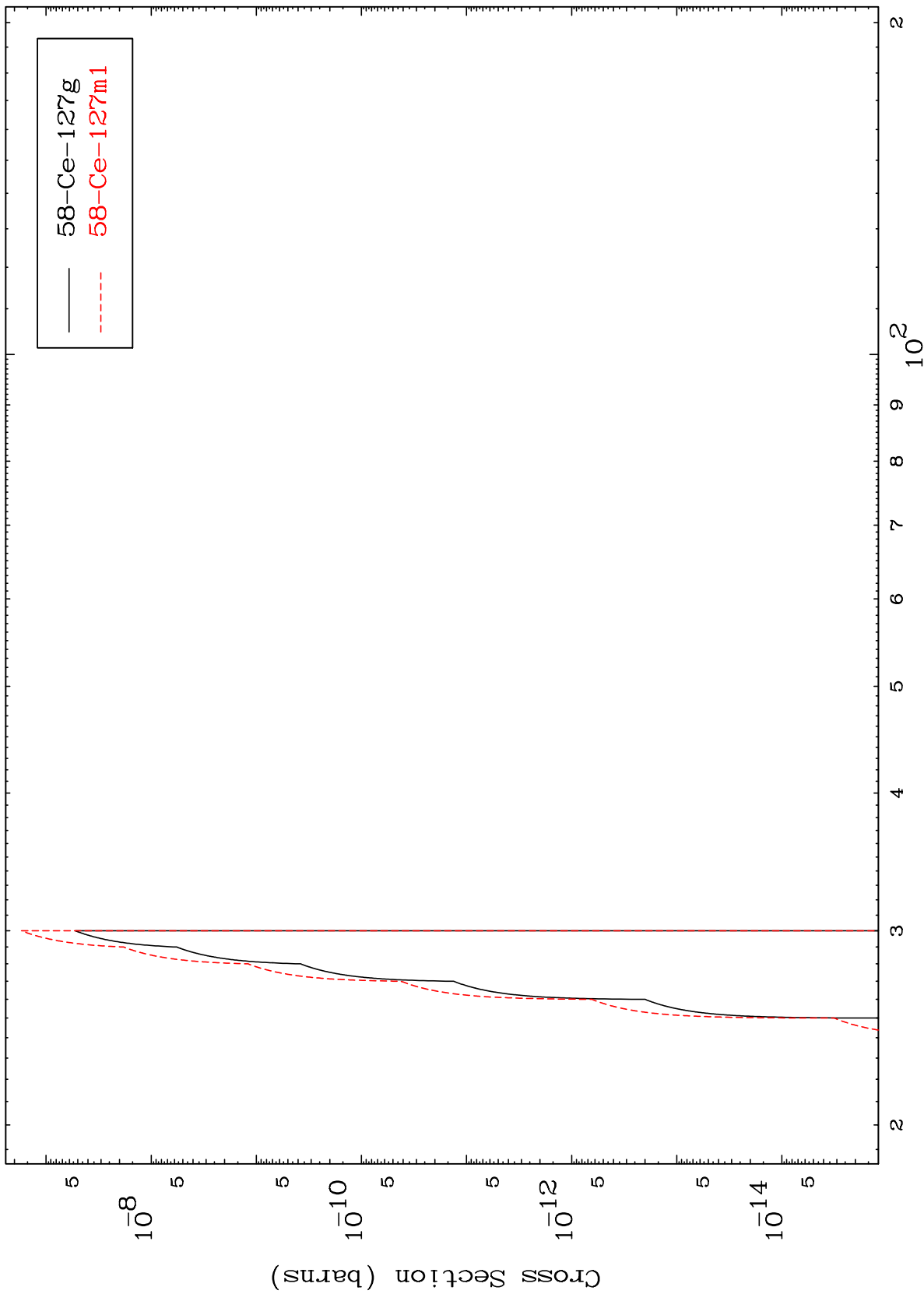
60-Nd-133g  
60-Nd-133m1

MAT 5998

$(n,3n) \alpha$

$^{60}\text{Nd-133}$

Radionuclide Production Cross Section



115

Incident Energy (MeV)

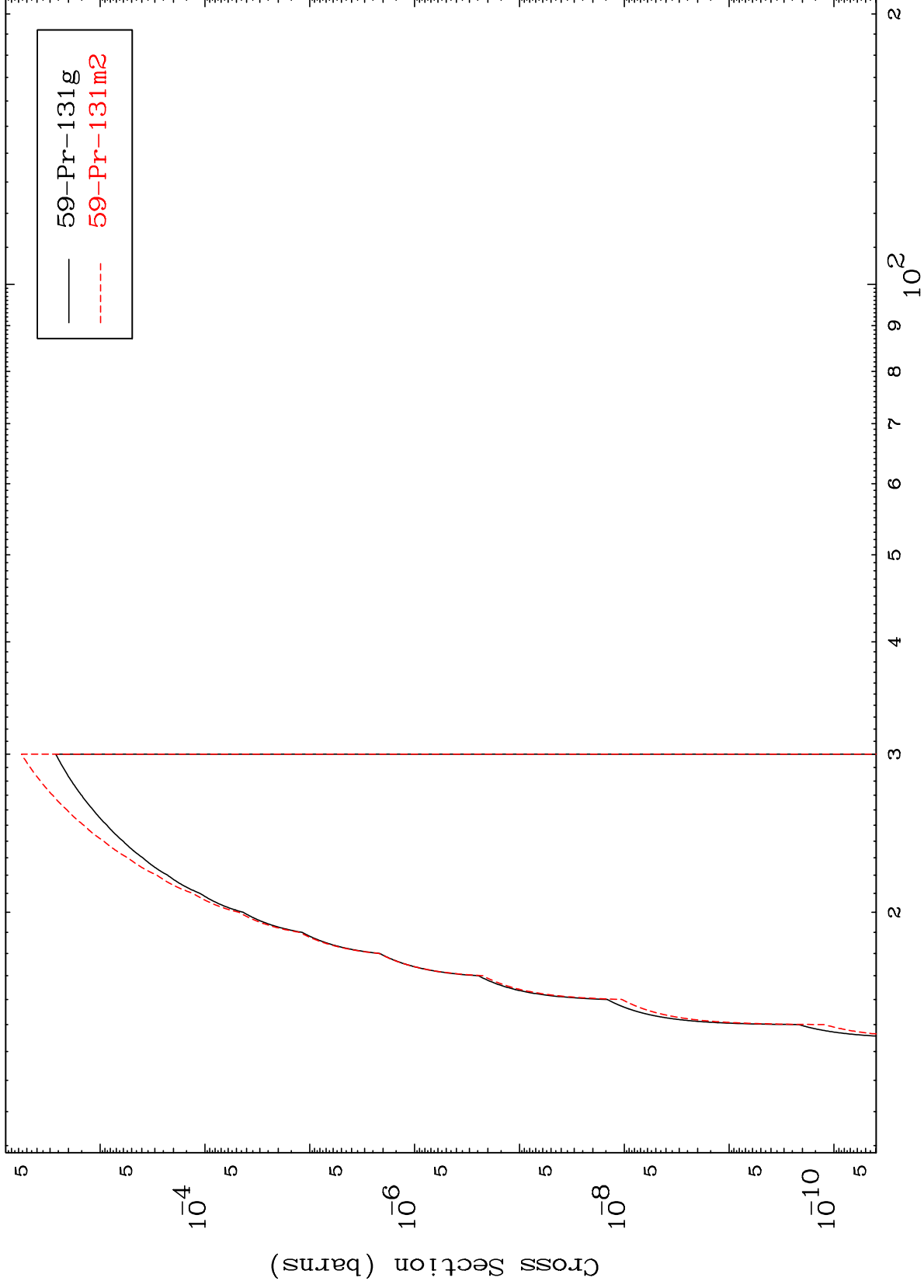
$^{60}\text{Nd-133}$

MAT 5998

(n,n') d

60-Nd-133

Radionuclide Production Cross Section

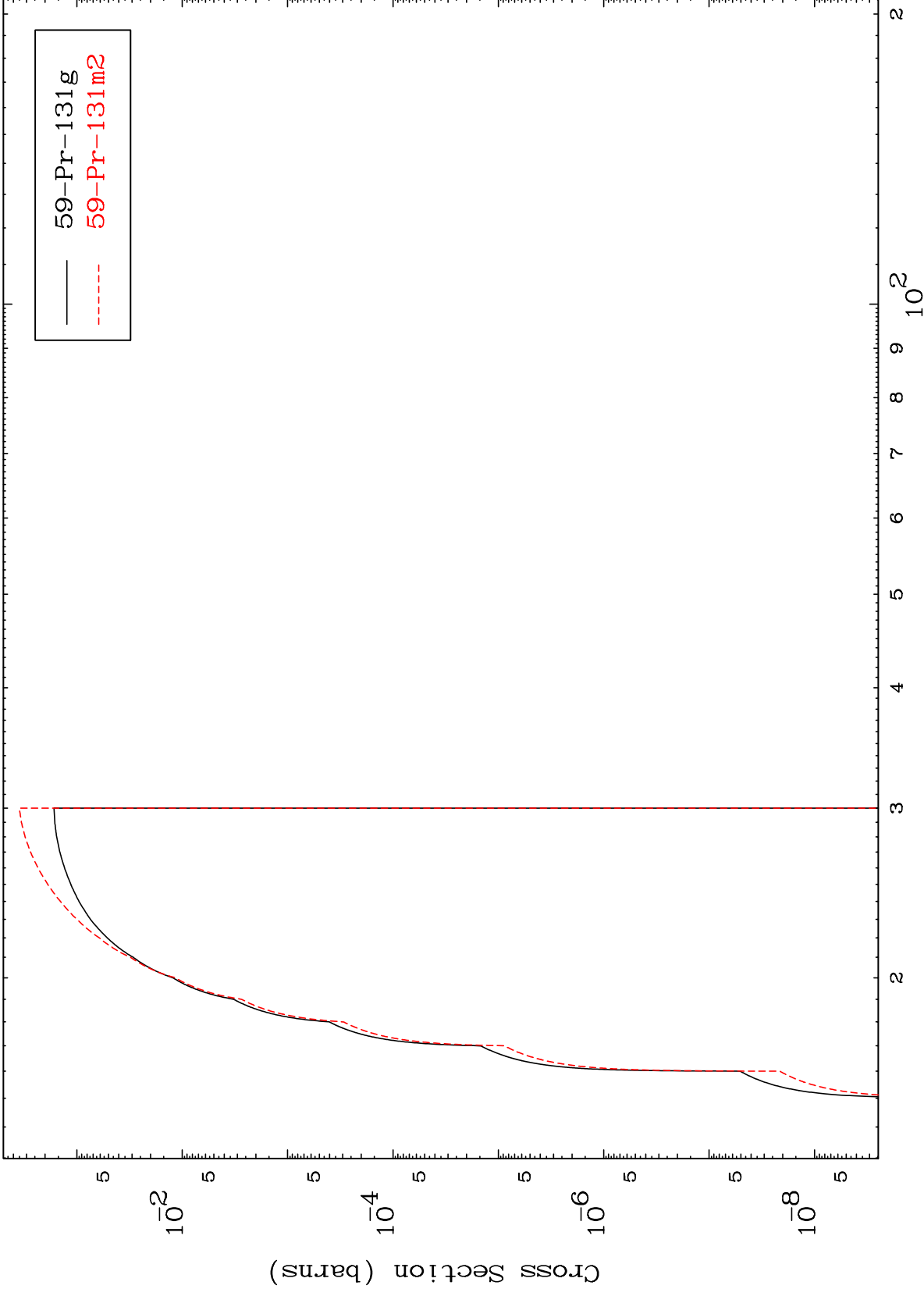


116

Incident Energy (MeV)

60-Nd-133

Radionuclide Production Cross Section

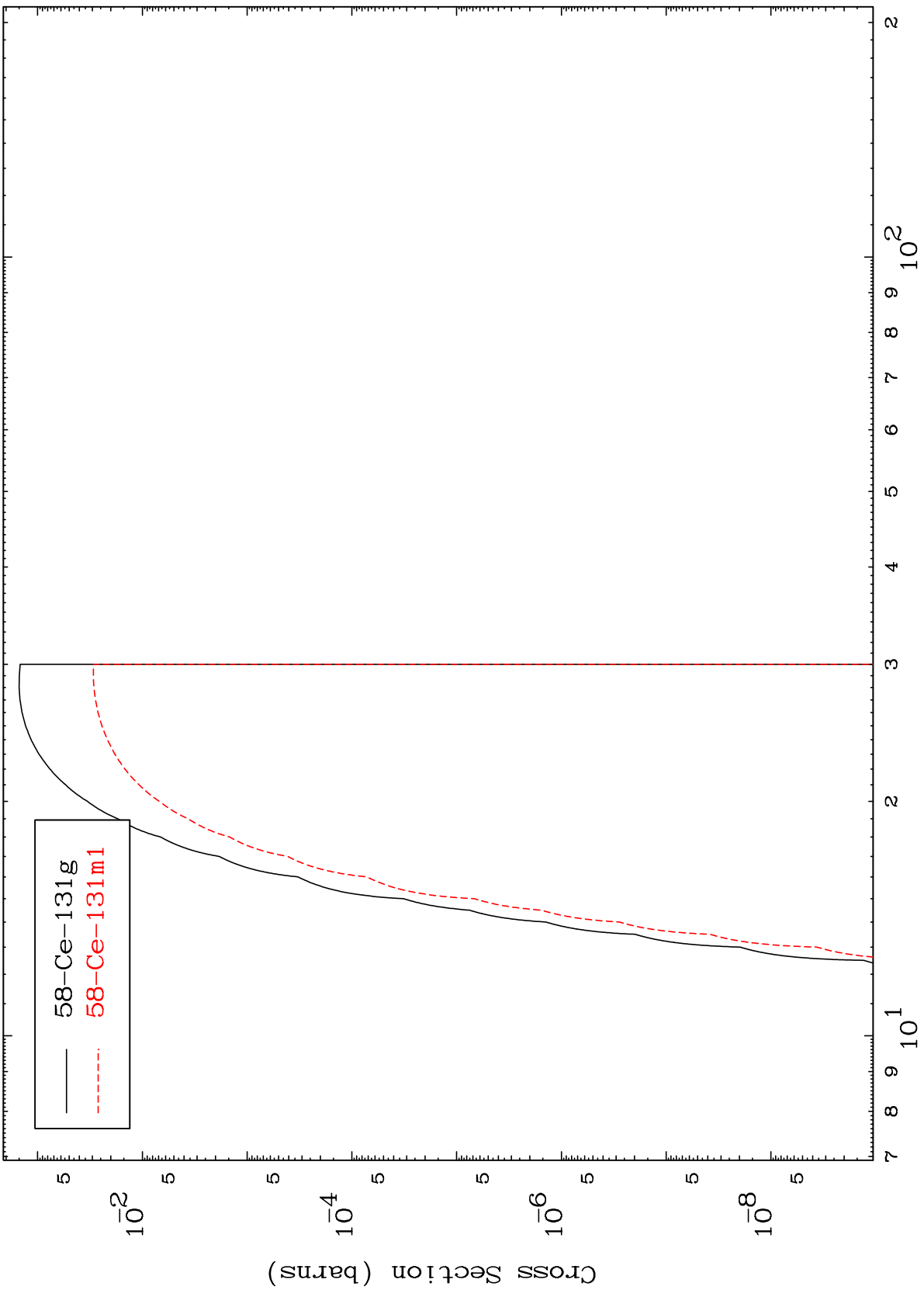


MAT 5998

(n,2n) p

60-Nd-133

Radionuclide Production Cross Section



58-Ce-131g  
58-Ce-131m1

118

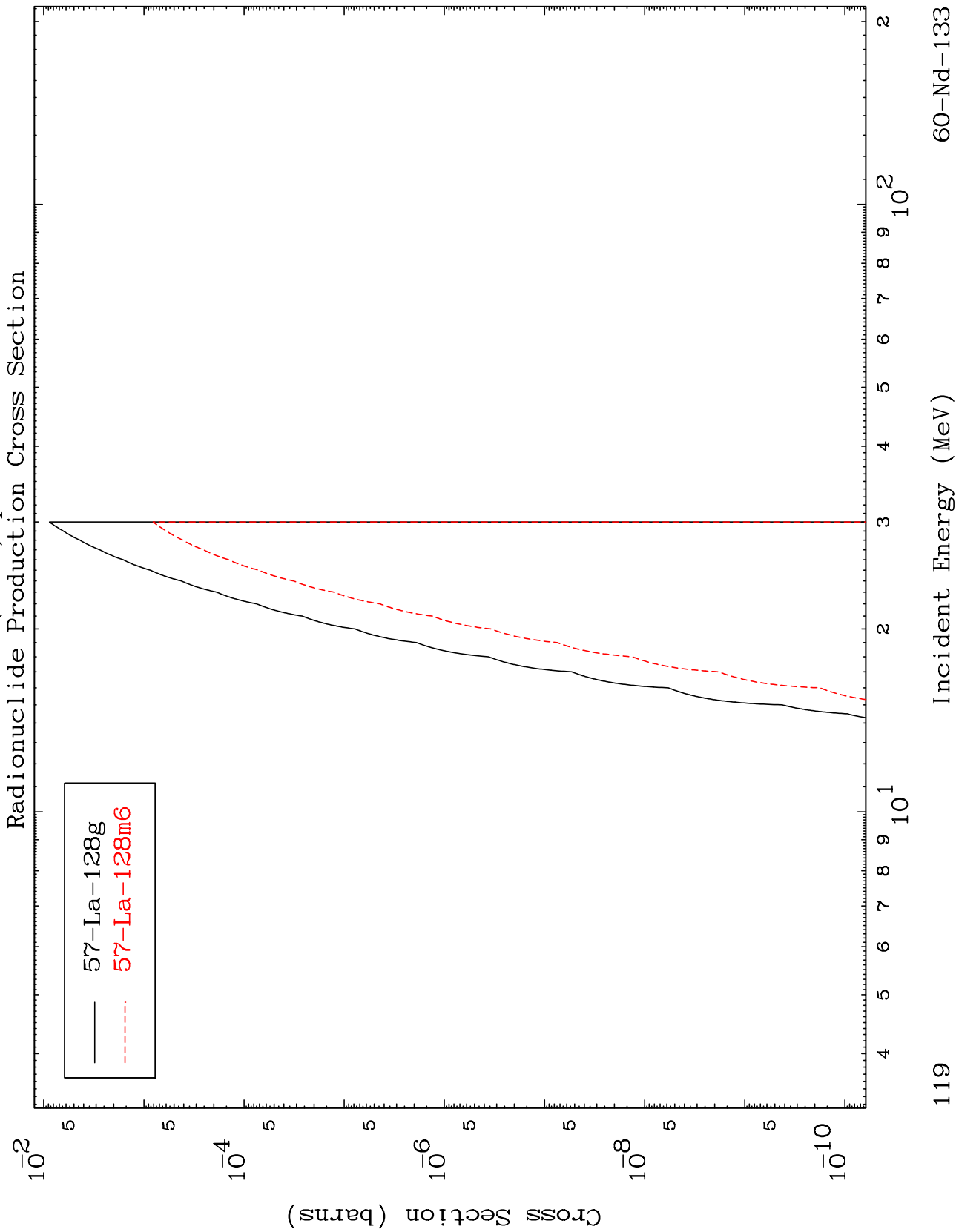
Incident Energy (MeV)

60-Nd-133

MAT 5998

(n,n') p  $\alpha$

60-Nd-133

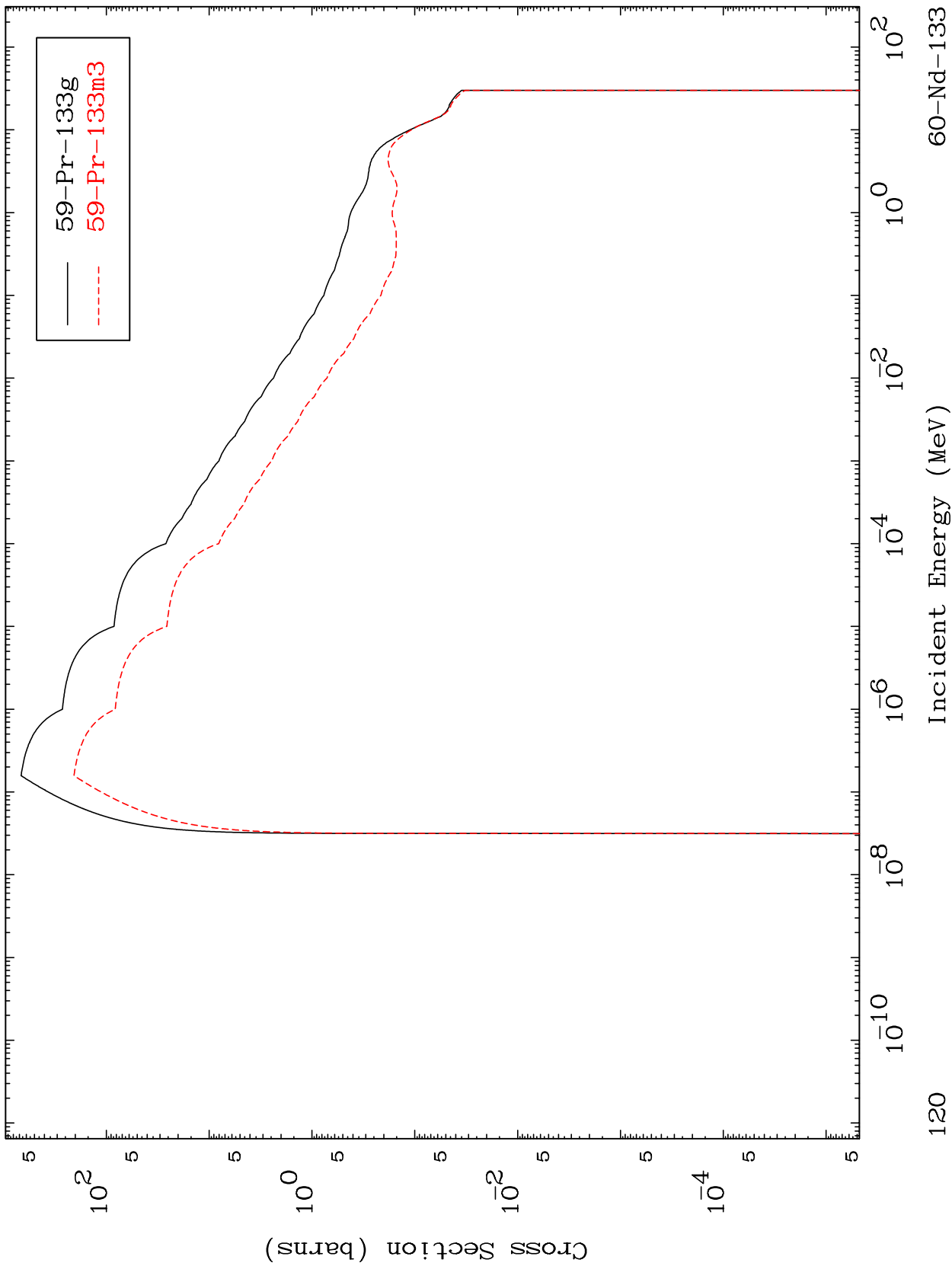




MAT 5998

60-Nd-133

(n,p)  
Radionuclide Production Cross Section



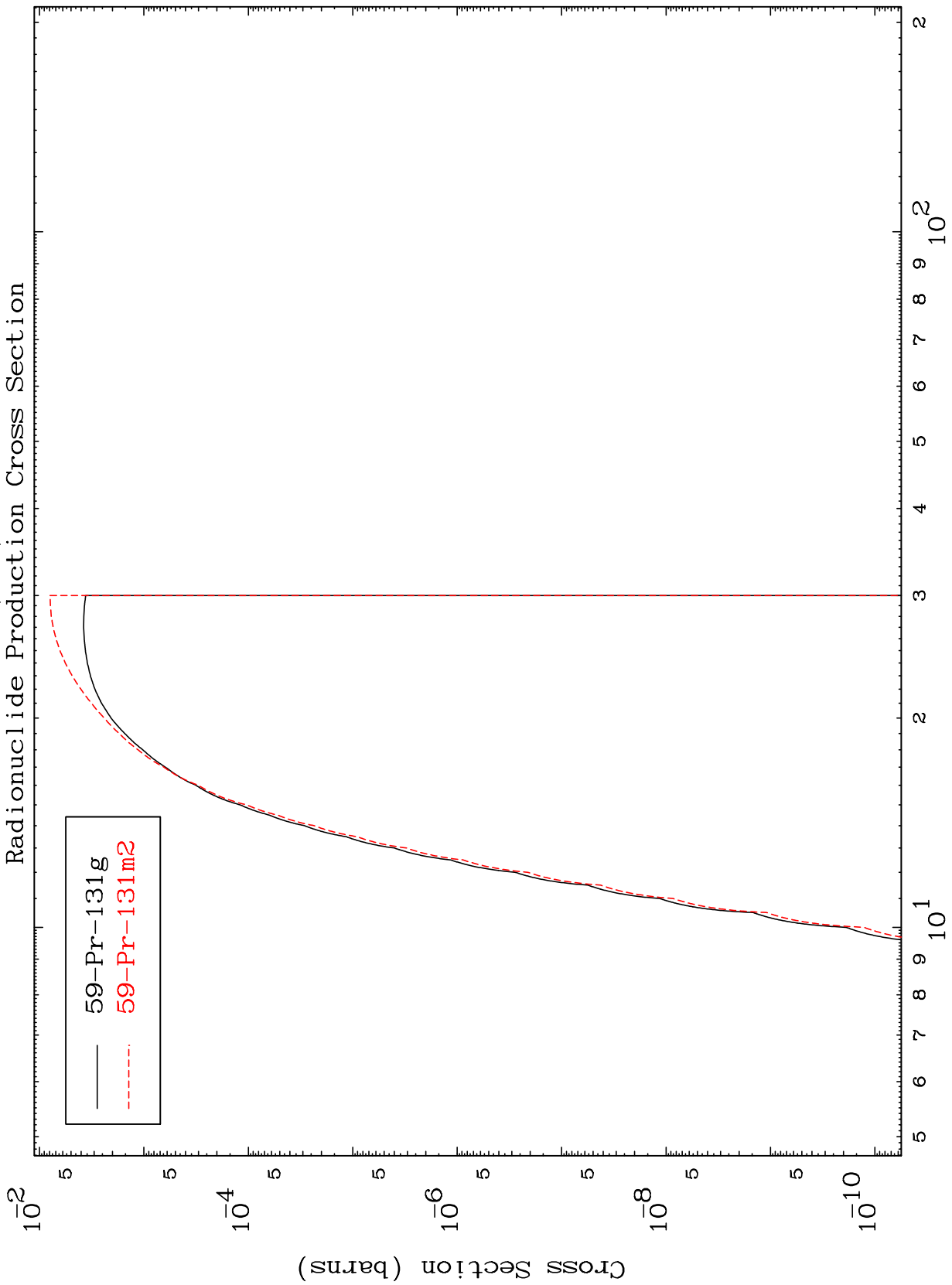
120

60-Nd-133

MAT 5998

60-Nd-133

(n,t)  
Radionuclide Production Cross Section



59-Pr-131g  
59-Pr-131m2

60-Nd-133

Incident Energy (MeV)

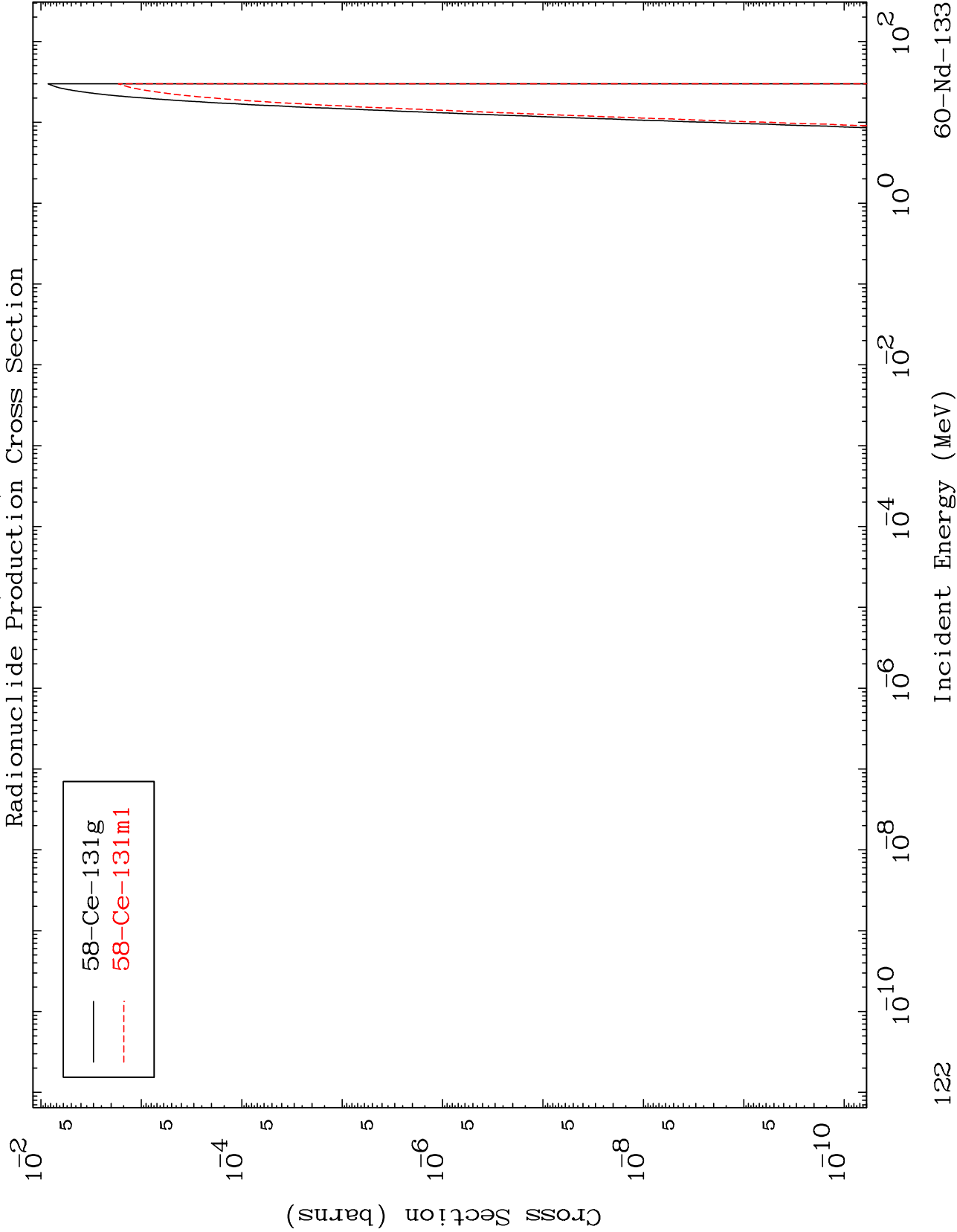
121

MAT 5998

(n,He-3)

60-Nd-133

Radionuclide Production Cross Section

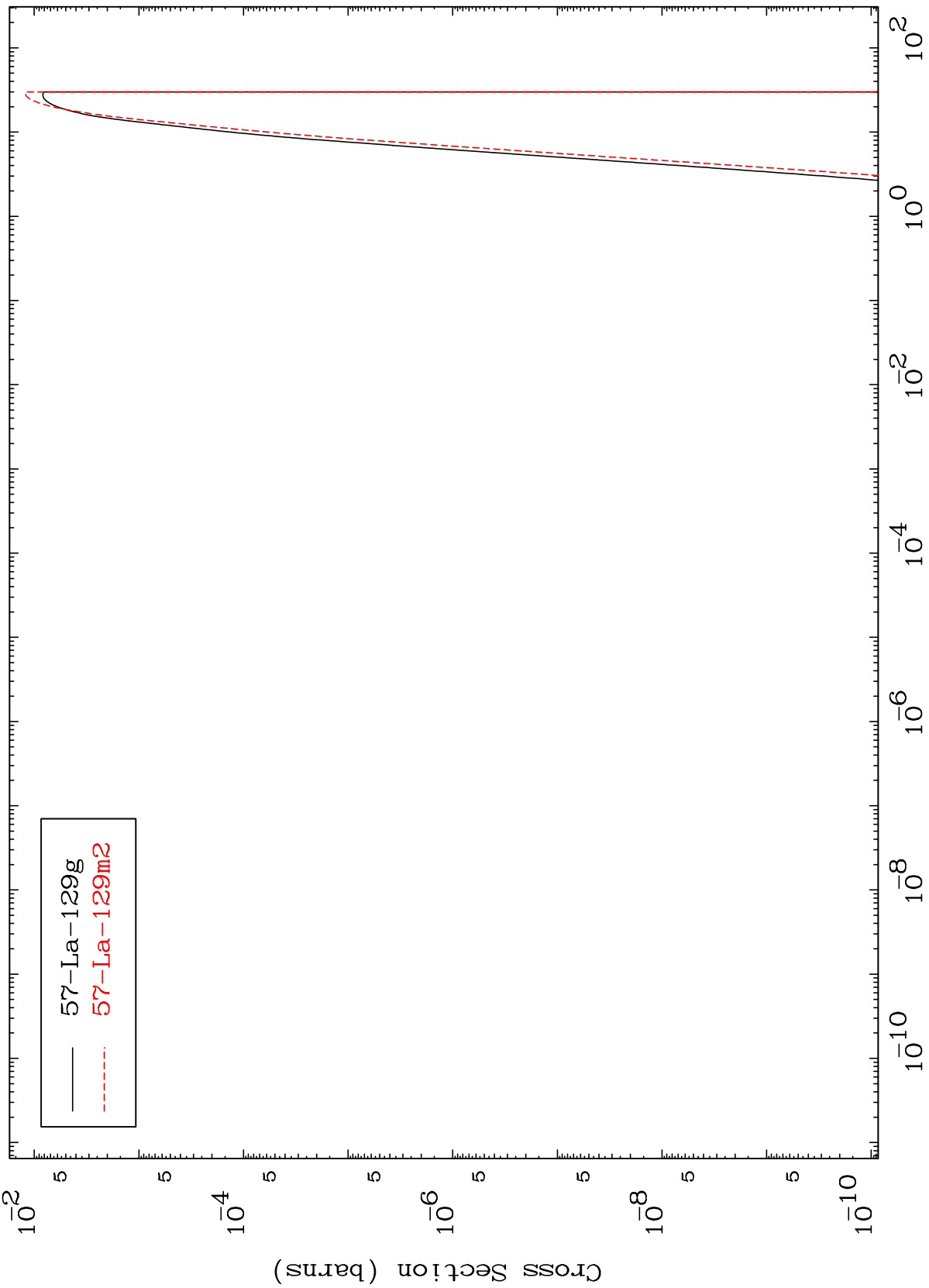


MAT 5998

(n,p)  $\alpha$

60-Nd-133

Radionuclide Production Cross Section

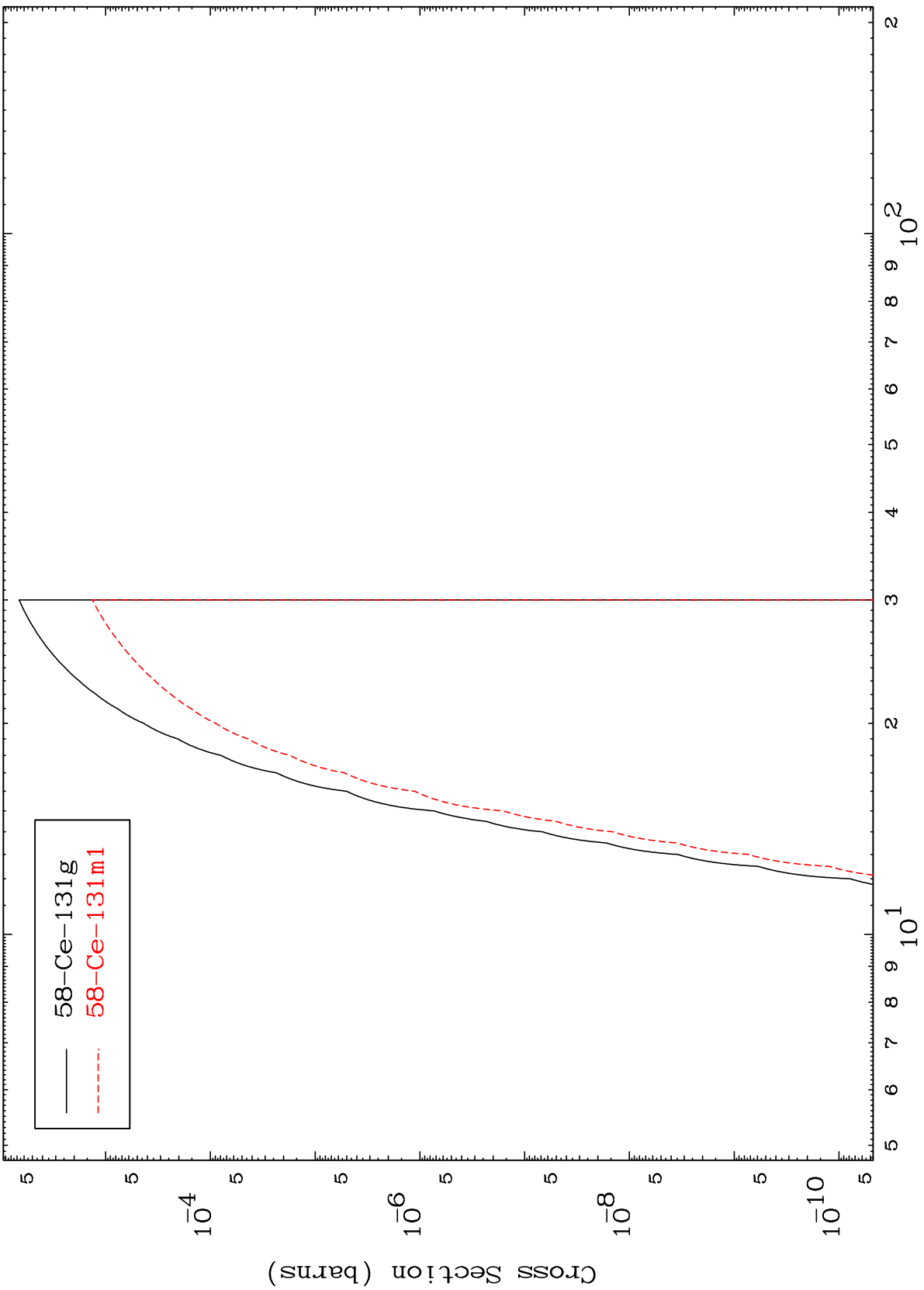


MAT 5998

(n,p) d

60-Nd-133

Radionuclide Production Cross Section



124

Incident Energy (MeV)

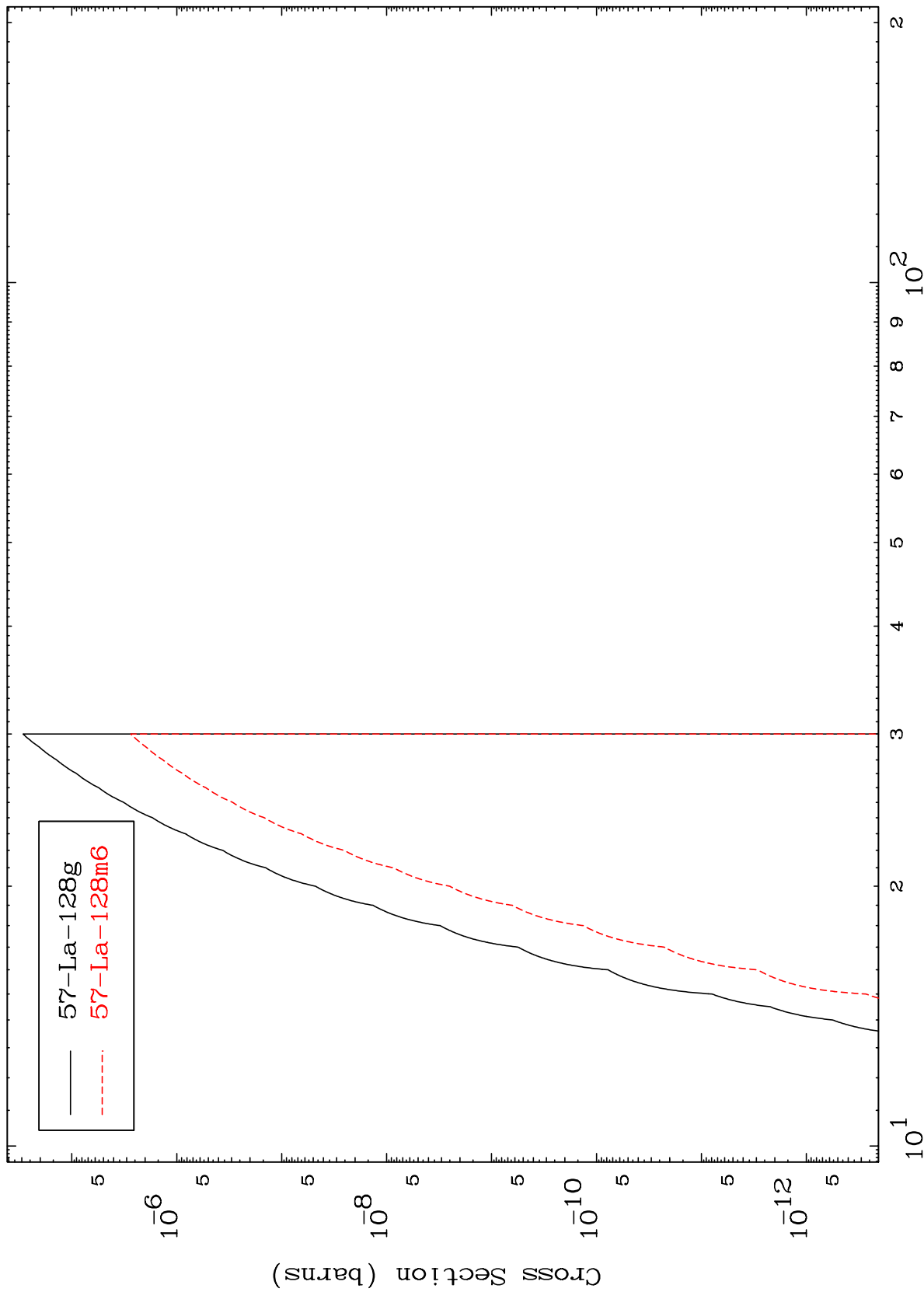
60-Nd-133

MAT 5998

(n,d)  $\alpha$

60-Nd-133

Radionuclide Production Cross Section



125

Incident Energy (MeV)

60-Nd-133