

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

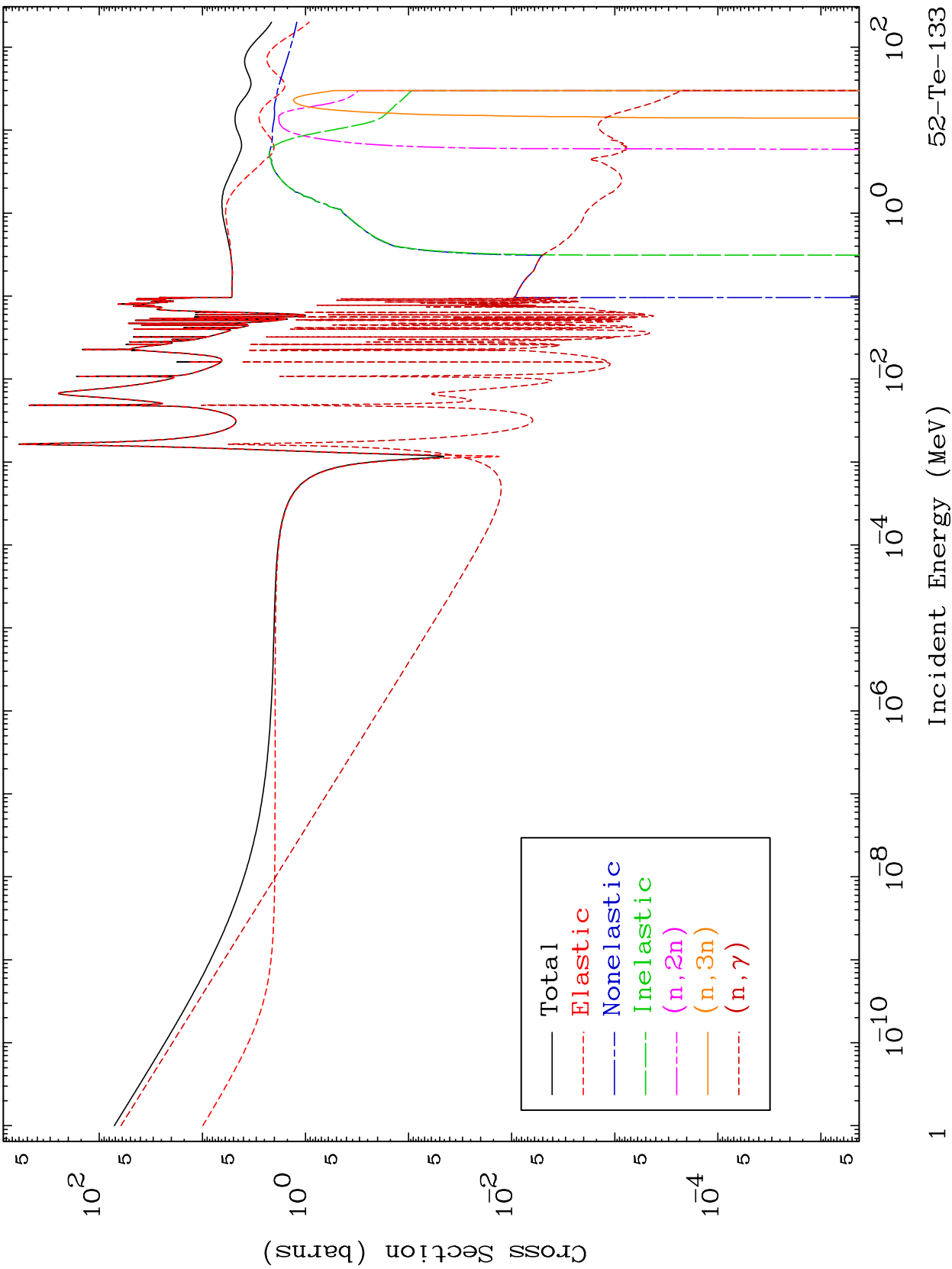
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5264

Neutron Major  
293 Kelvin Cross Sections

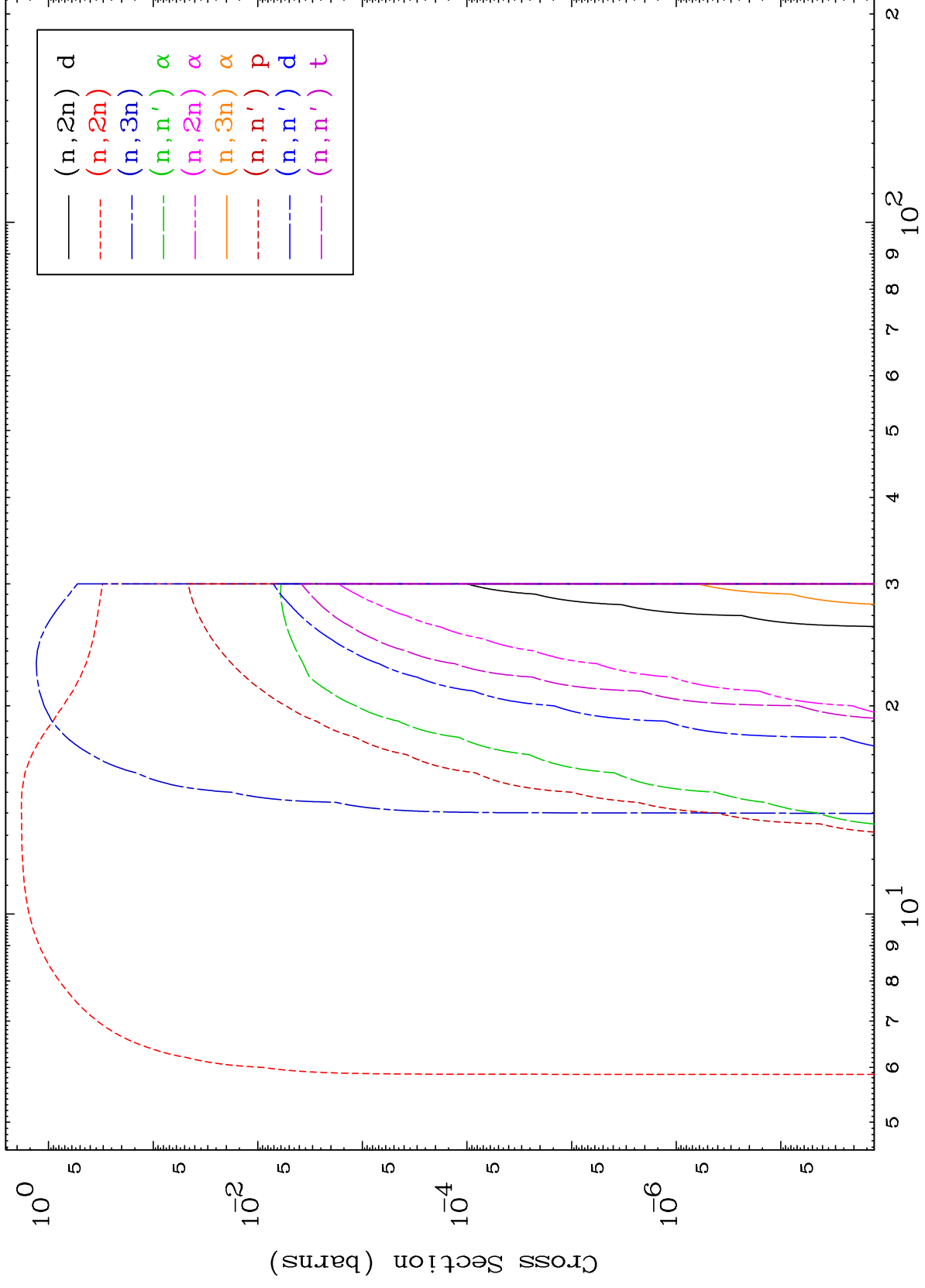
52-Te-133



MAT 5264

Neutron Absorption  
293 Kelvin Cross Sections

52-Te-133



2

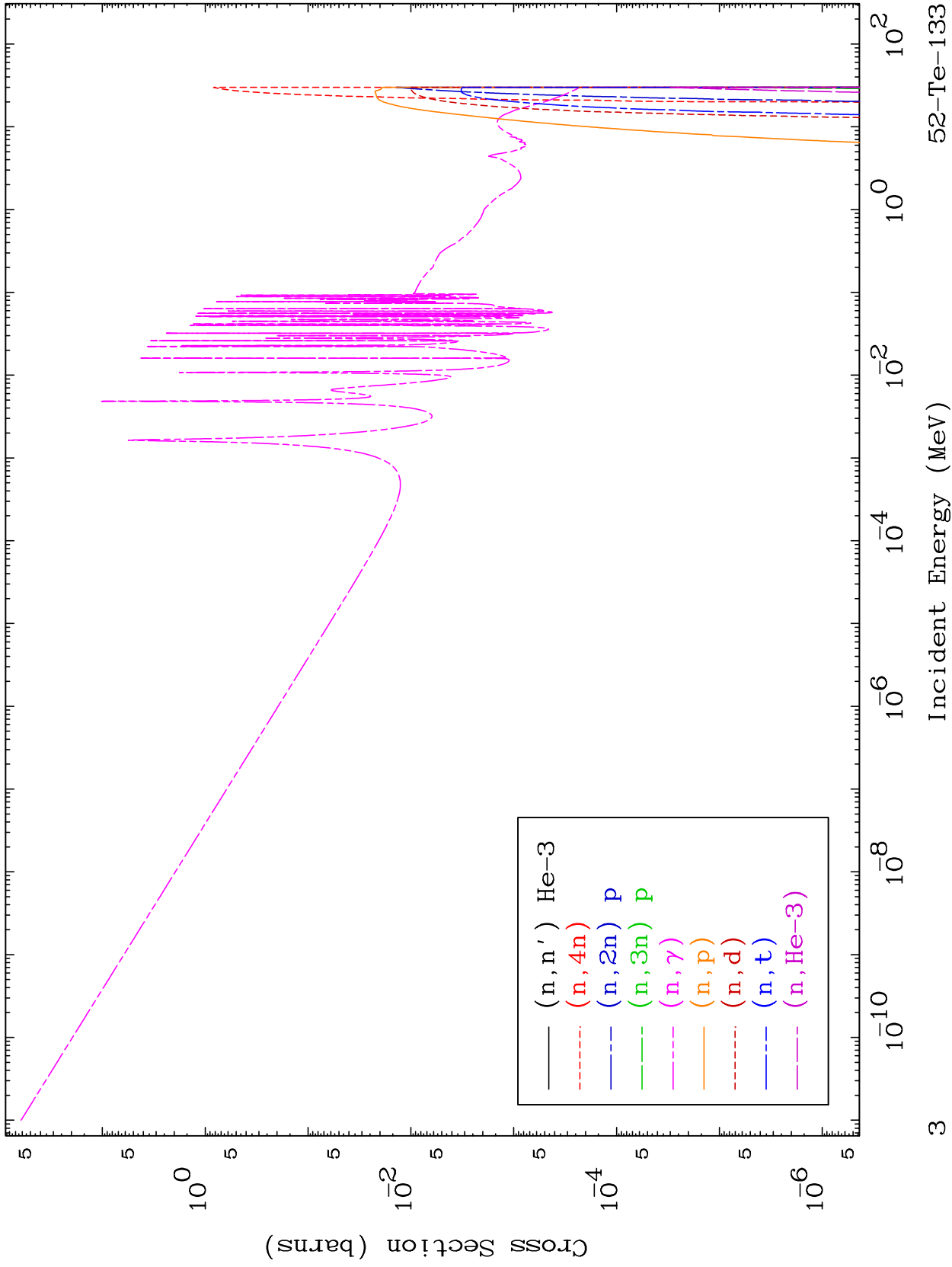
Incident Energy (MeV)

52-Te-133

MAT 5264

Neutron Absorption  
293 Kelvin Cross Sections

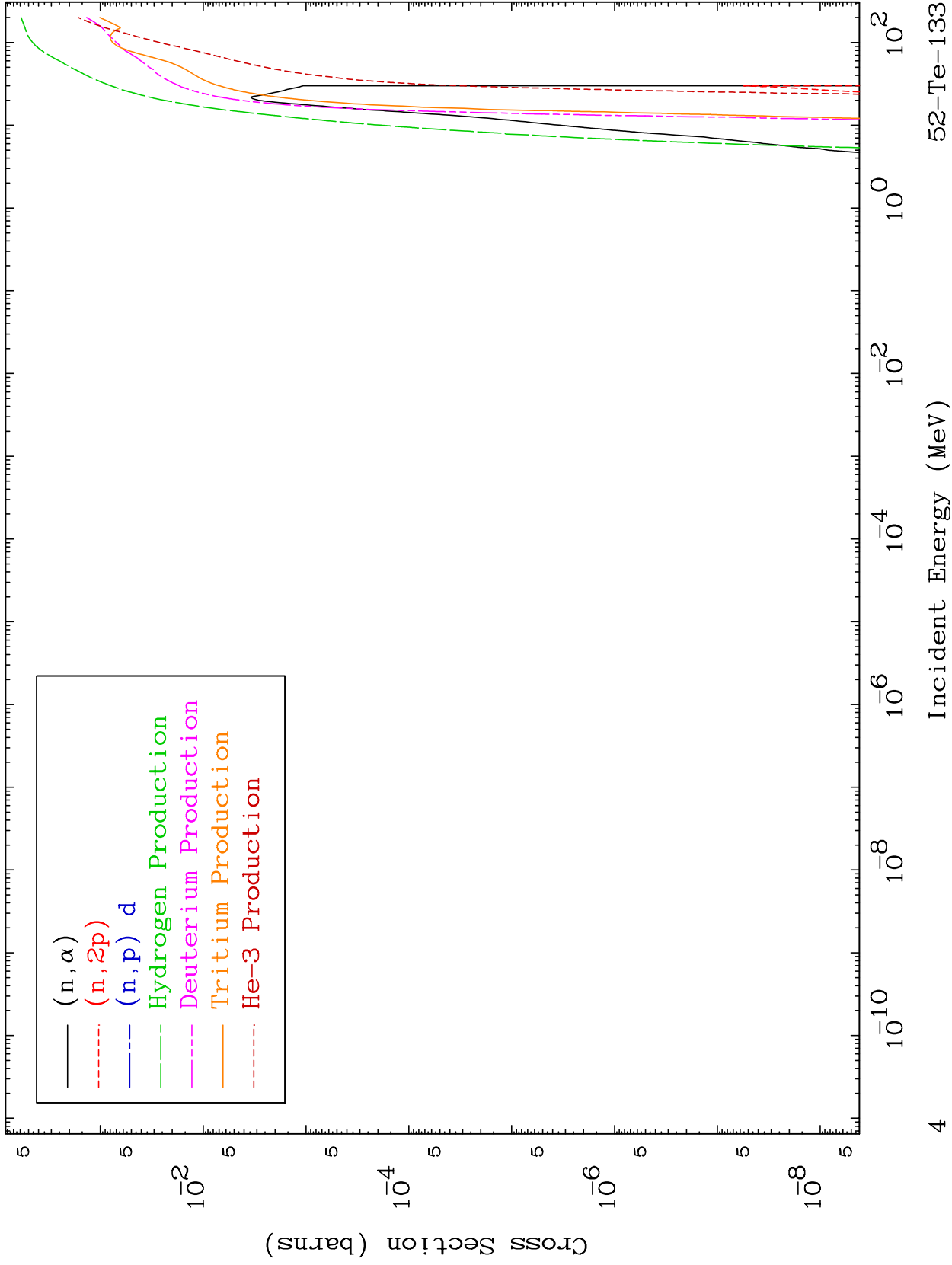
52-Te-133



MAT 5264

Neutron Absorption  
293 Kelvin Cross Sections

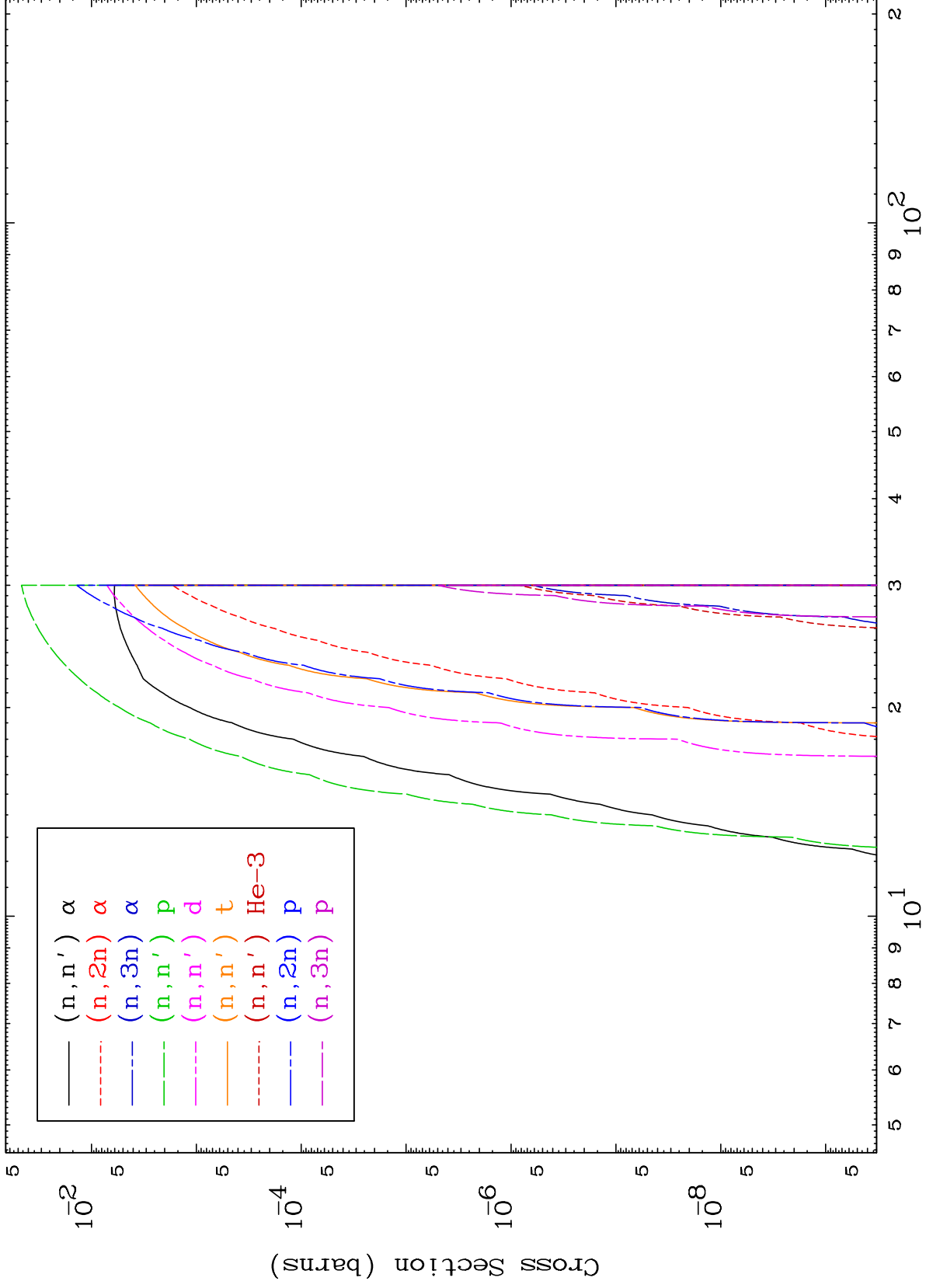
52-Te-133



MAT 5264

Charged Particle  
293 Kelvin Cross Sections

52-Te-133



5

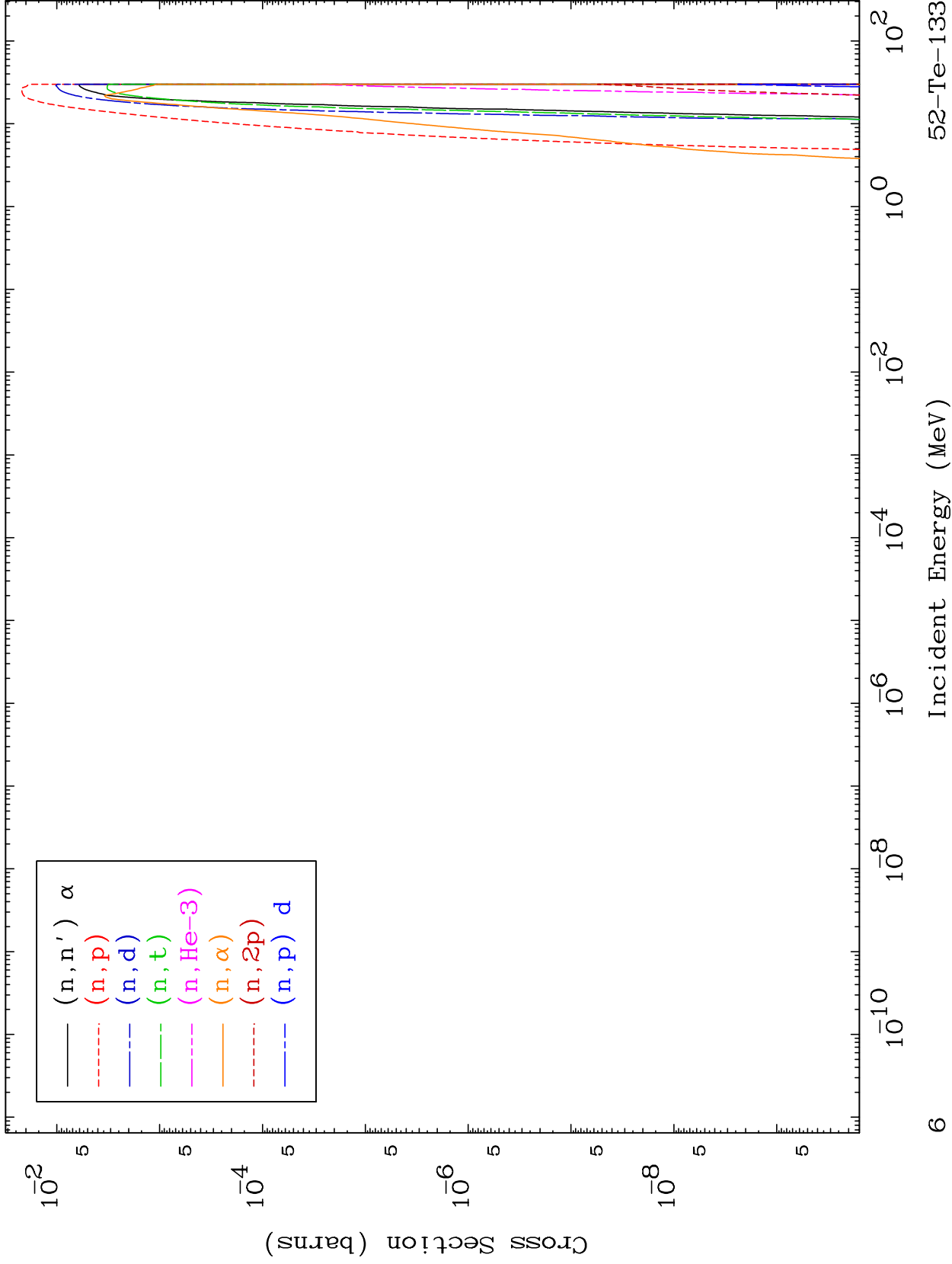
Incident Energy (MeV)

52-Te-133

MAT 5264

Charged Particle  
293 Kelvin Cross Sections

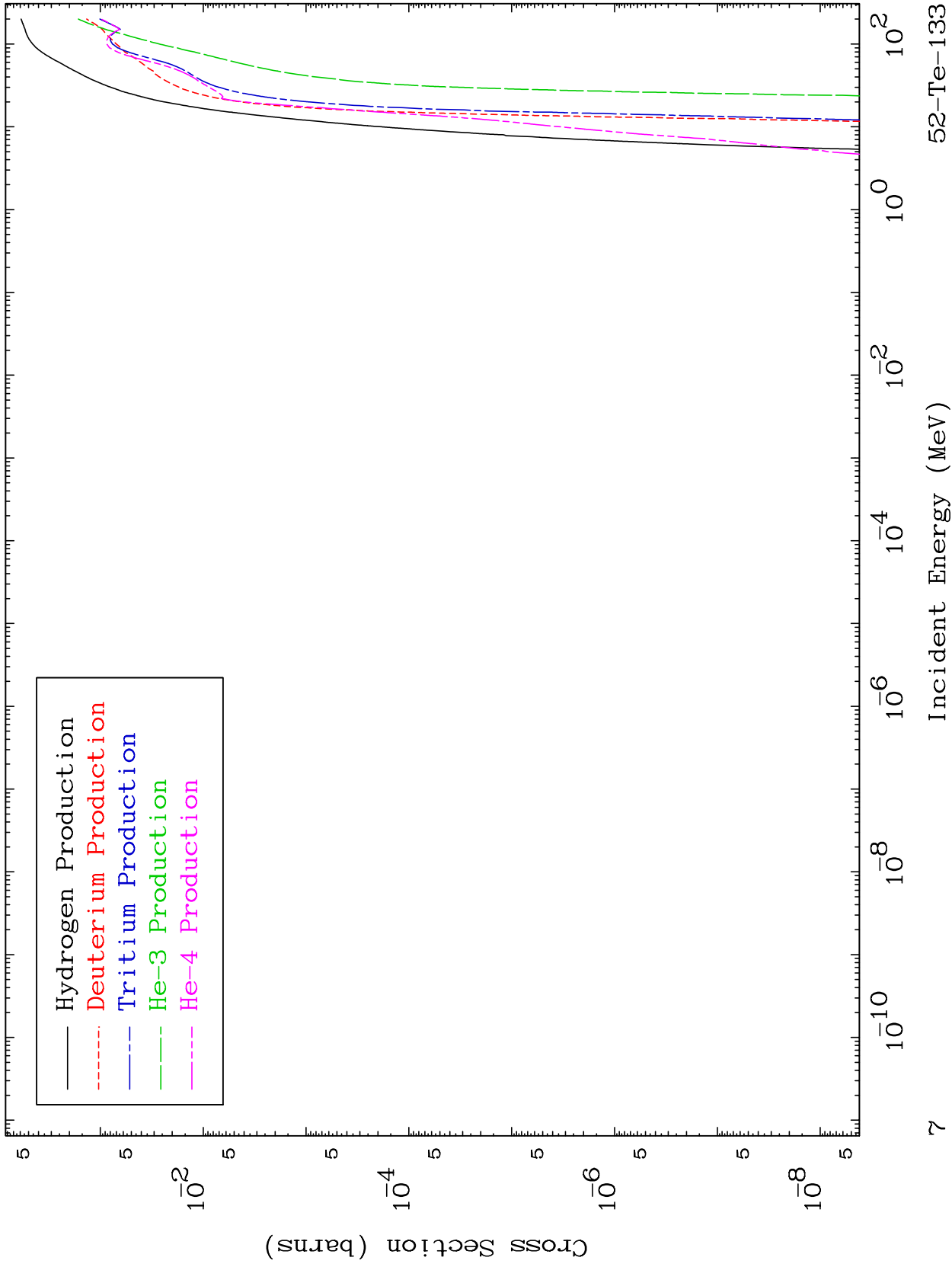
52-Te-133



MAT 5264

Particle Production  
293 Kelvin Cross Sections

52-Te-133



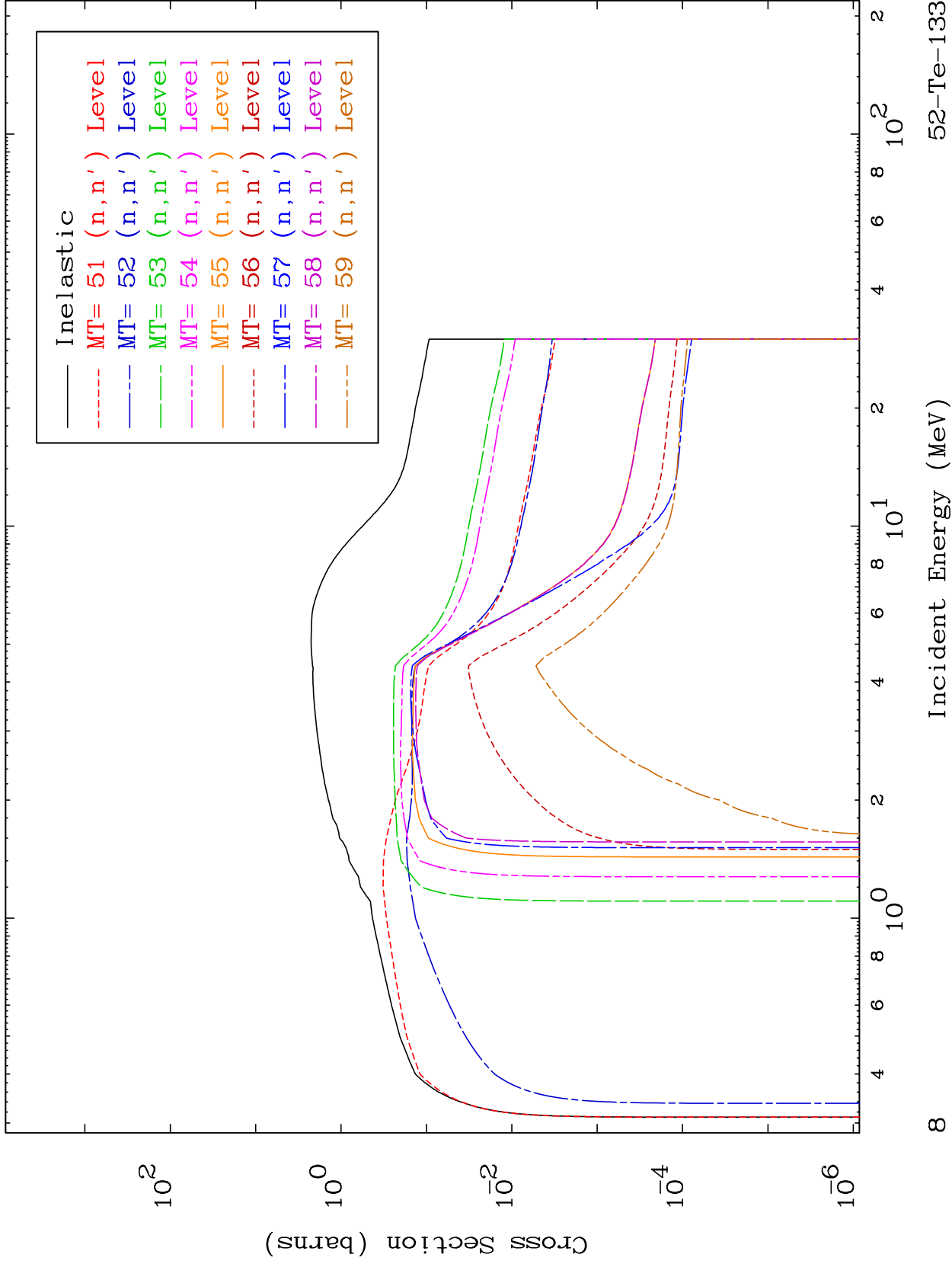


MAT 5264

(n,n') Levels

52-Te-133

293 Kelvin Cross Sections

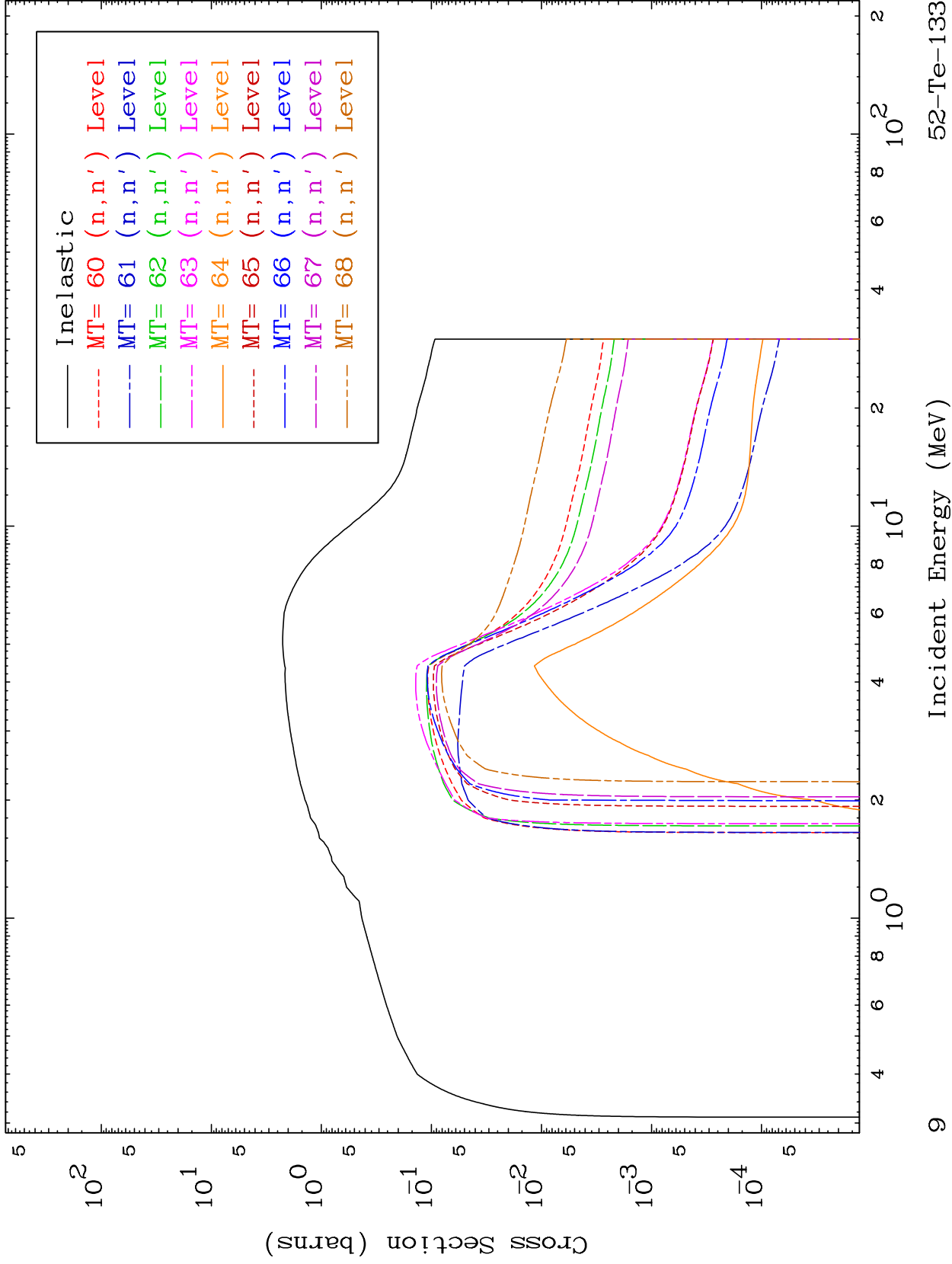


8

Incident Energy (MeV)

52-Te-133

293 Kelvin Cross Sections

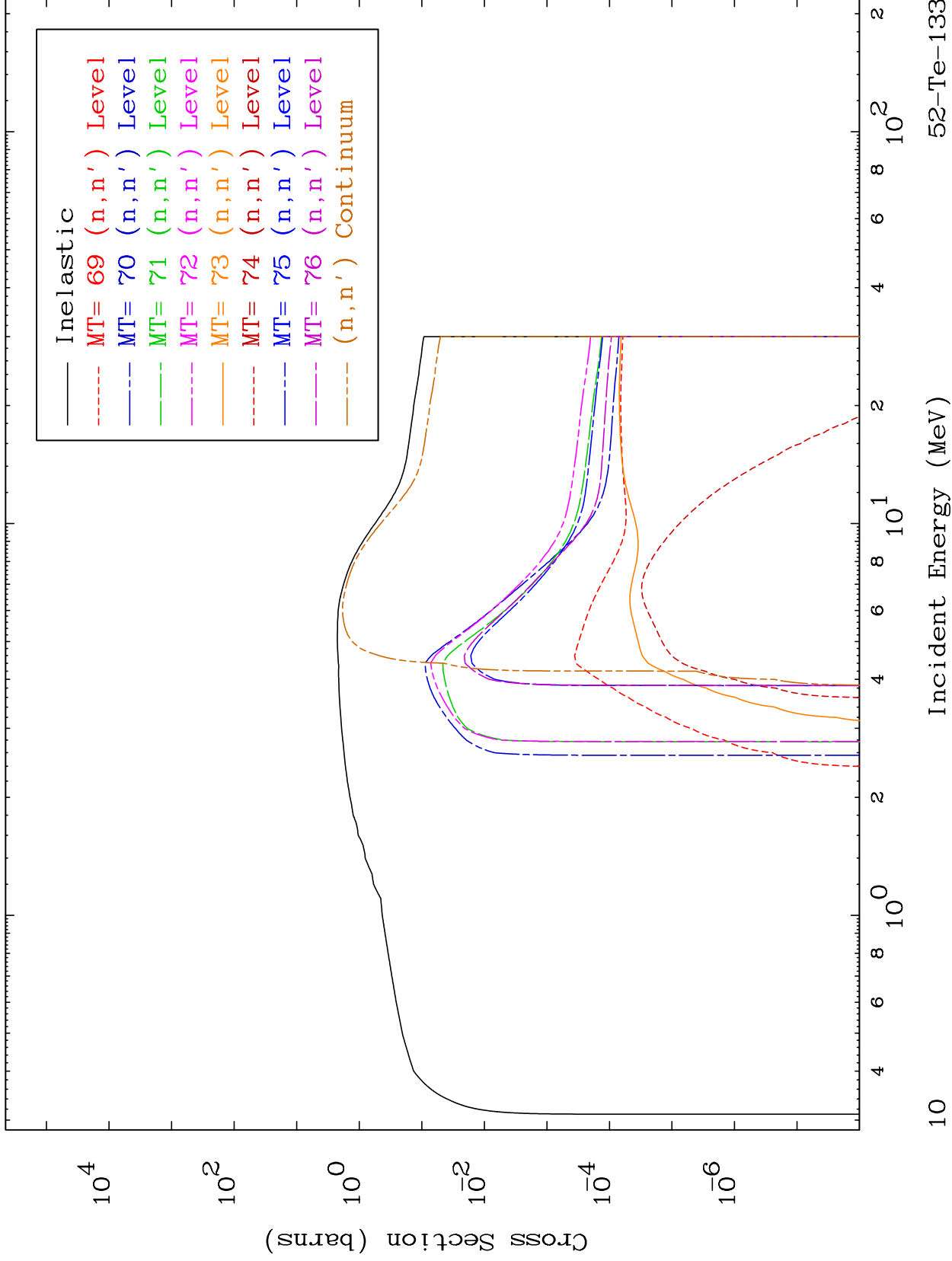


MAT 5264

(n,n') Levels

52-Te-133

293 Kelvin Cross Sections



10

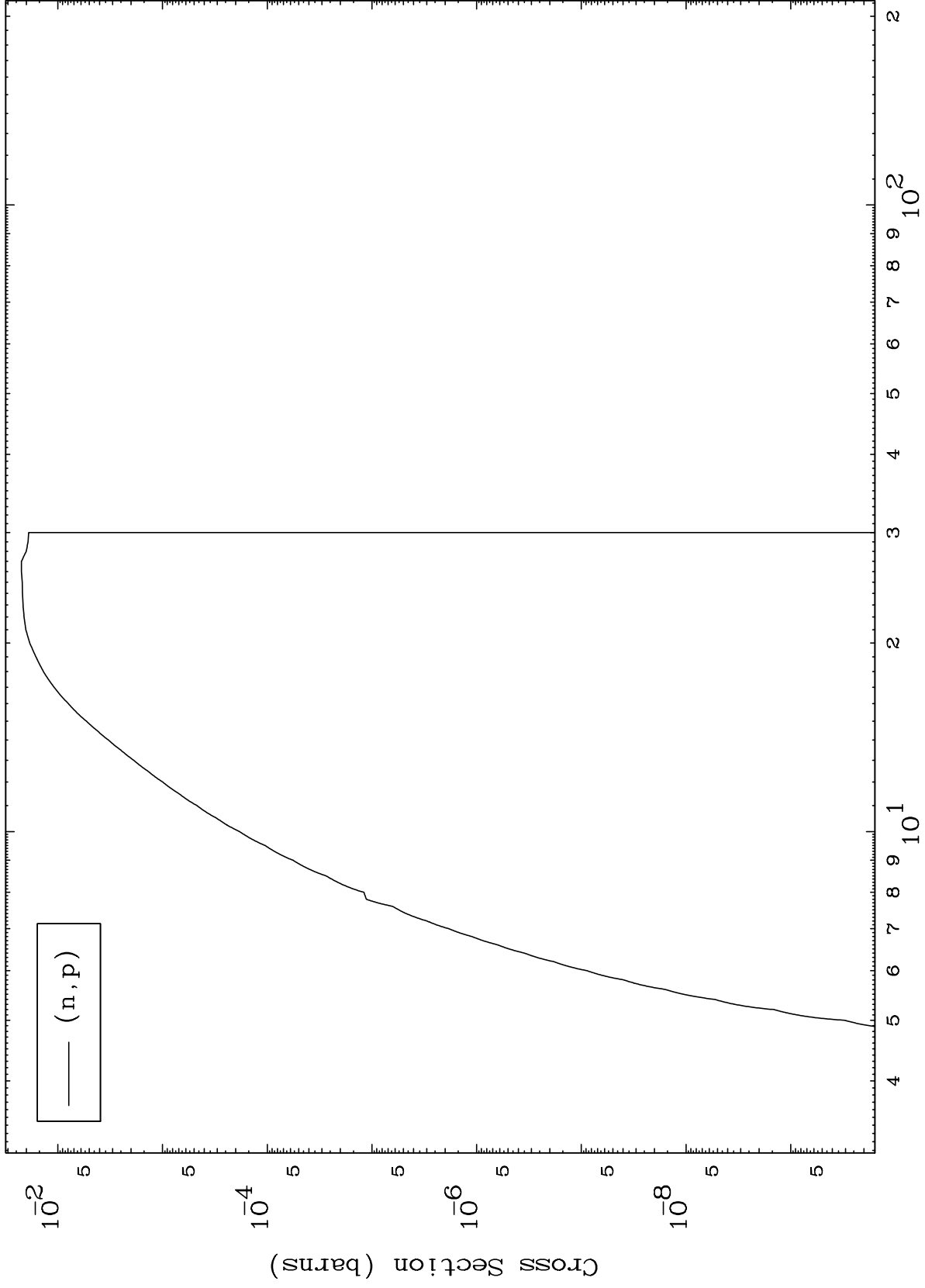
Incident Energy (MeV)

52-Te-133

MAT 5264

(n,p) Levels  
293 Kelvin Cross Sections

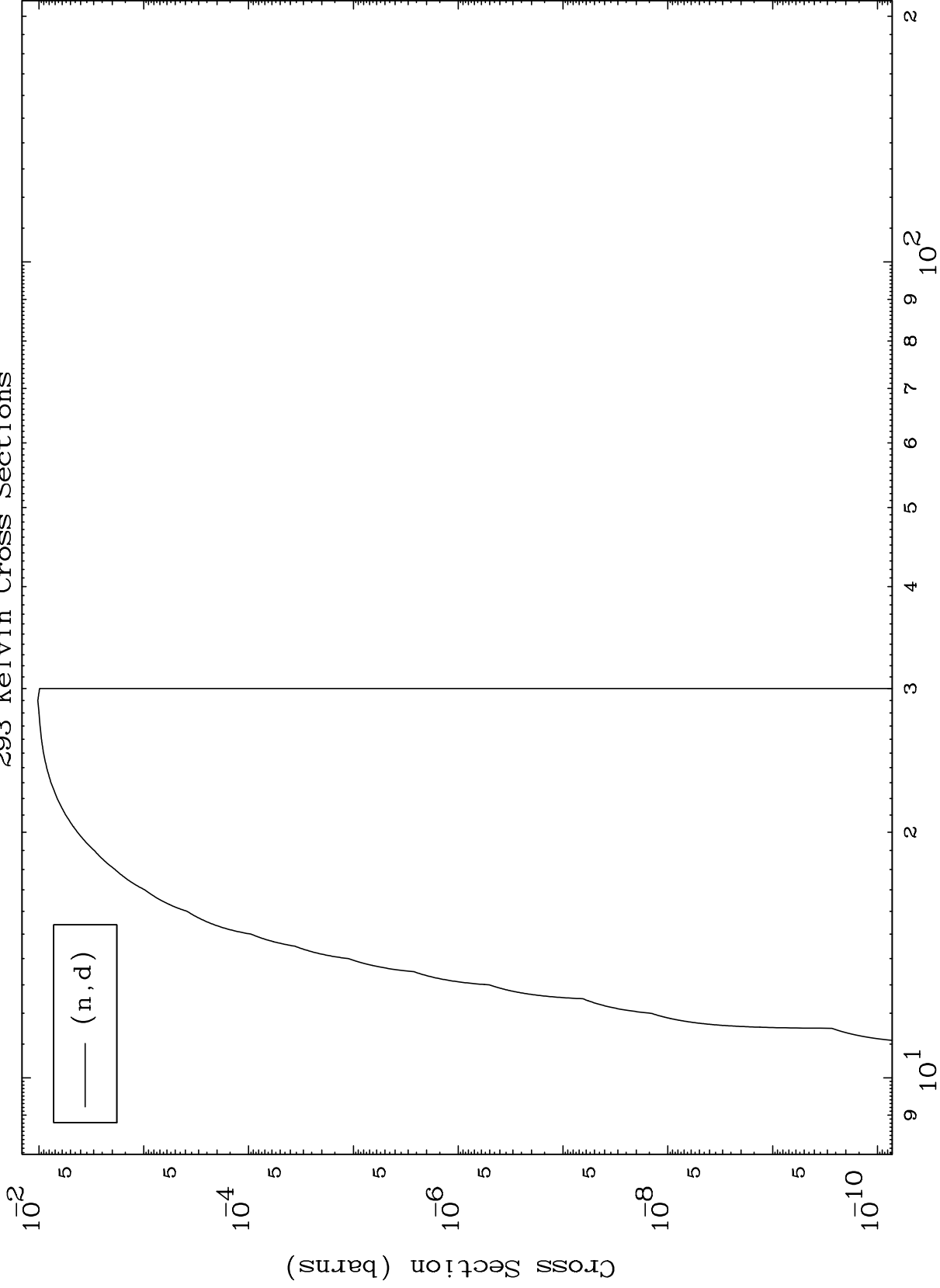
52-Te-133



MAT 5264

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-133



12

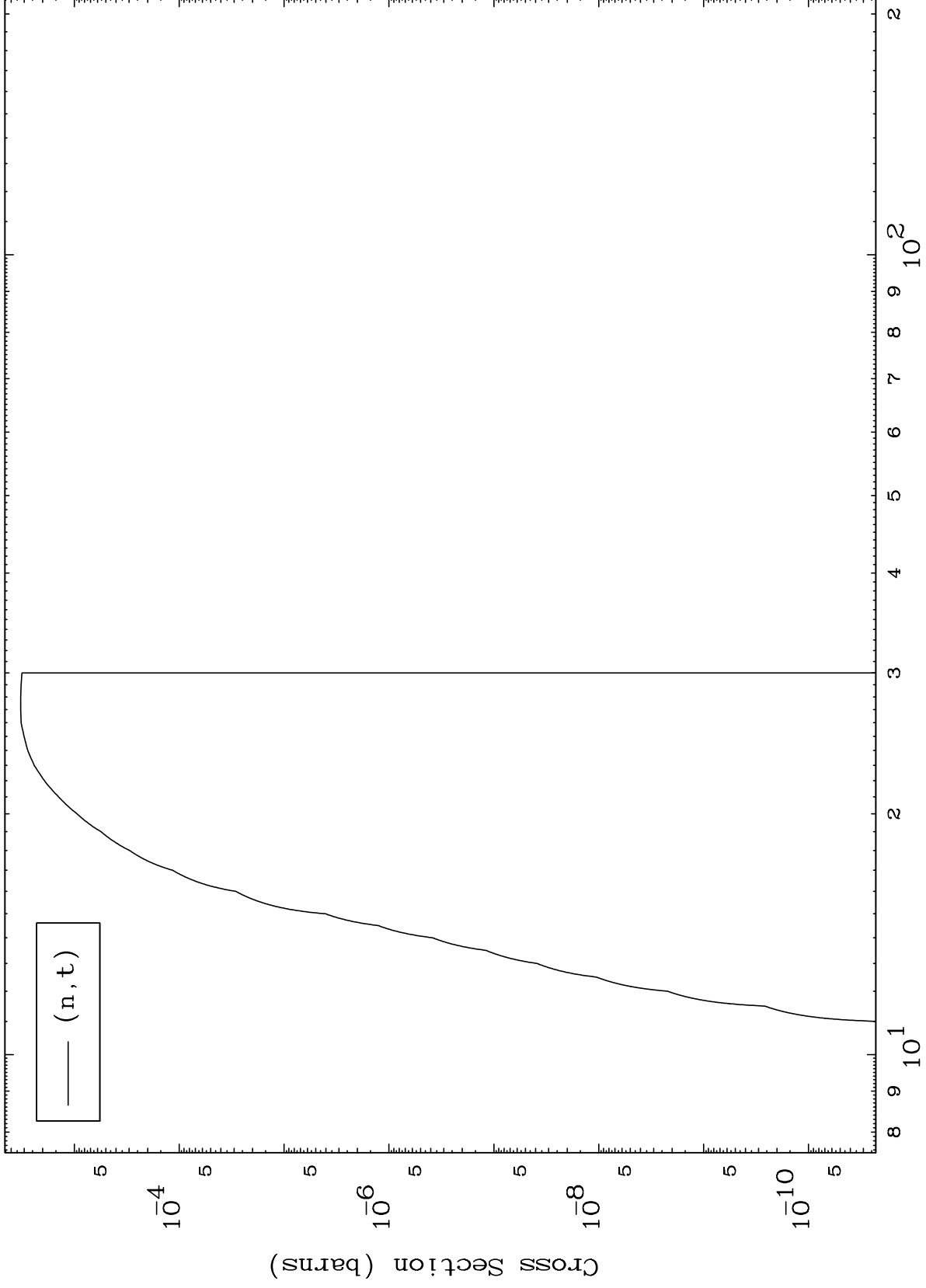
Incident Energy (MeV)

52-Te-133

MAT 5264

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-133



13

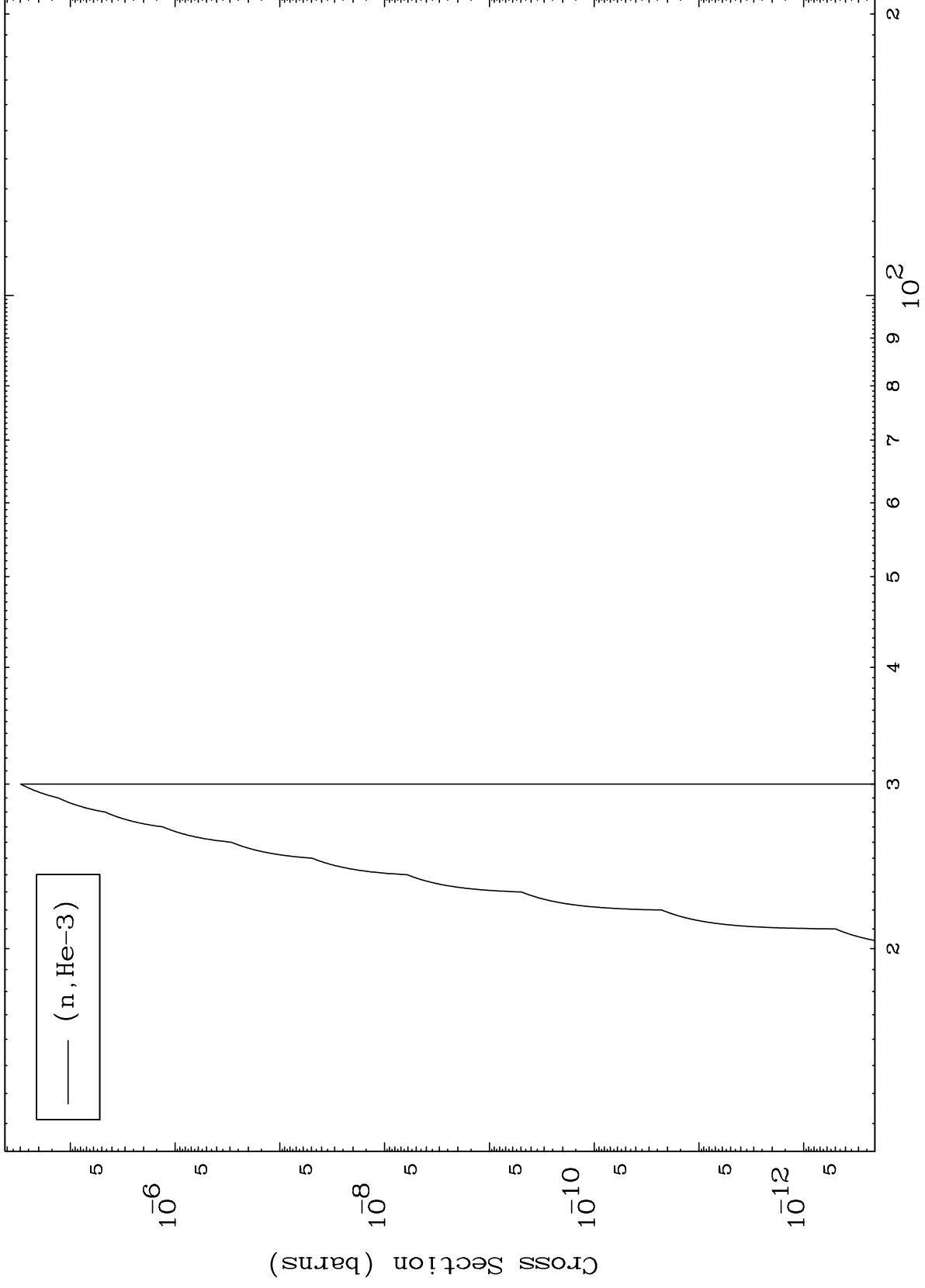
Incident Energy (MeV)

52-Te-133

MAT 5264

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-133



14

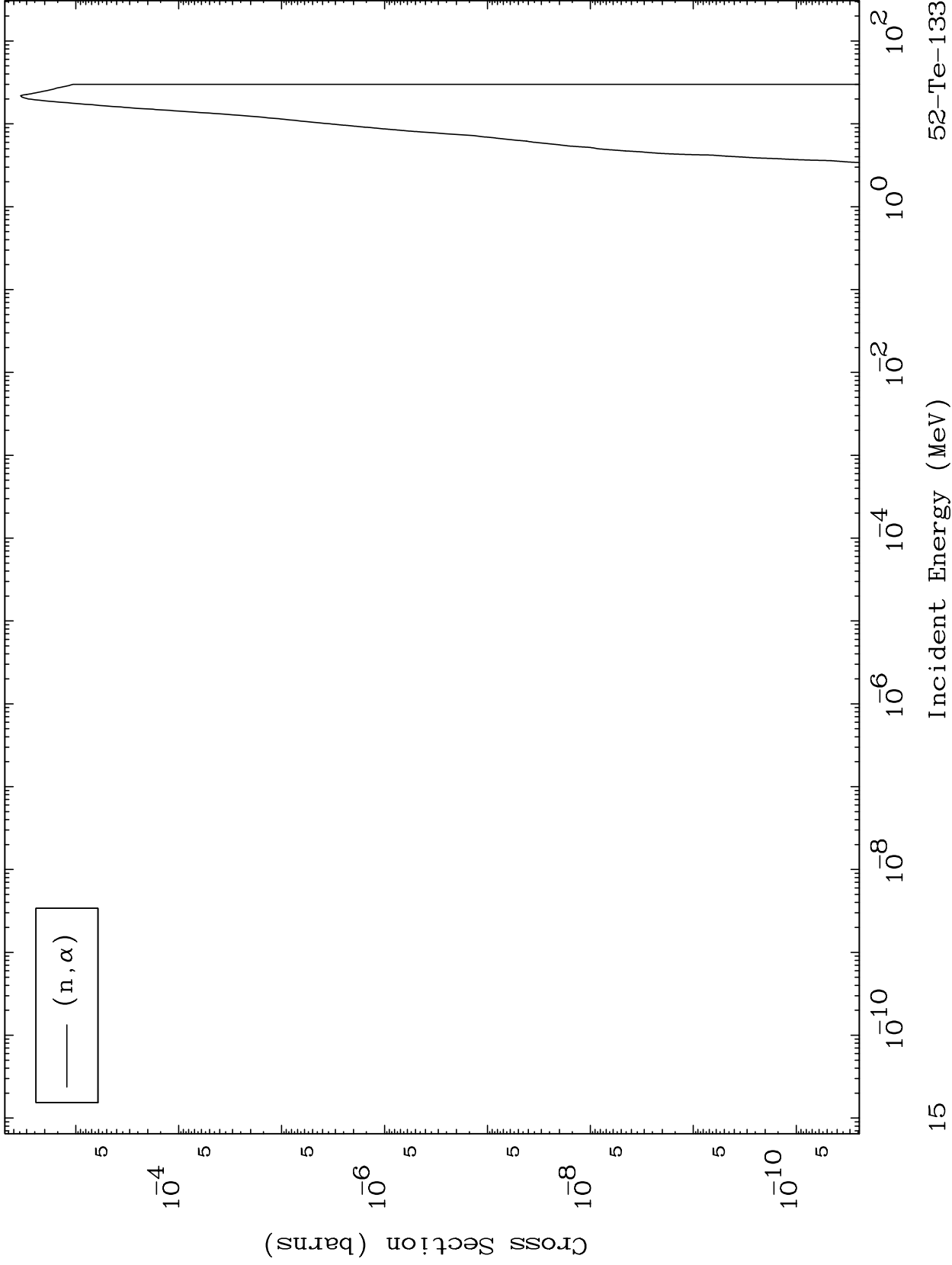
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133

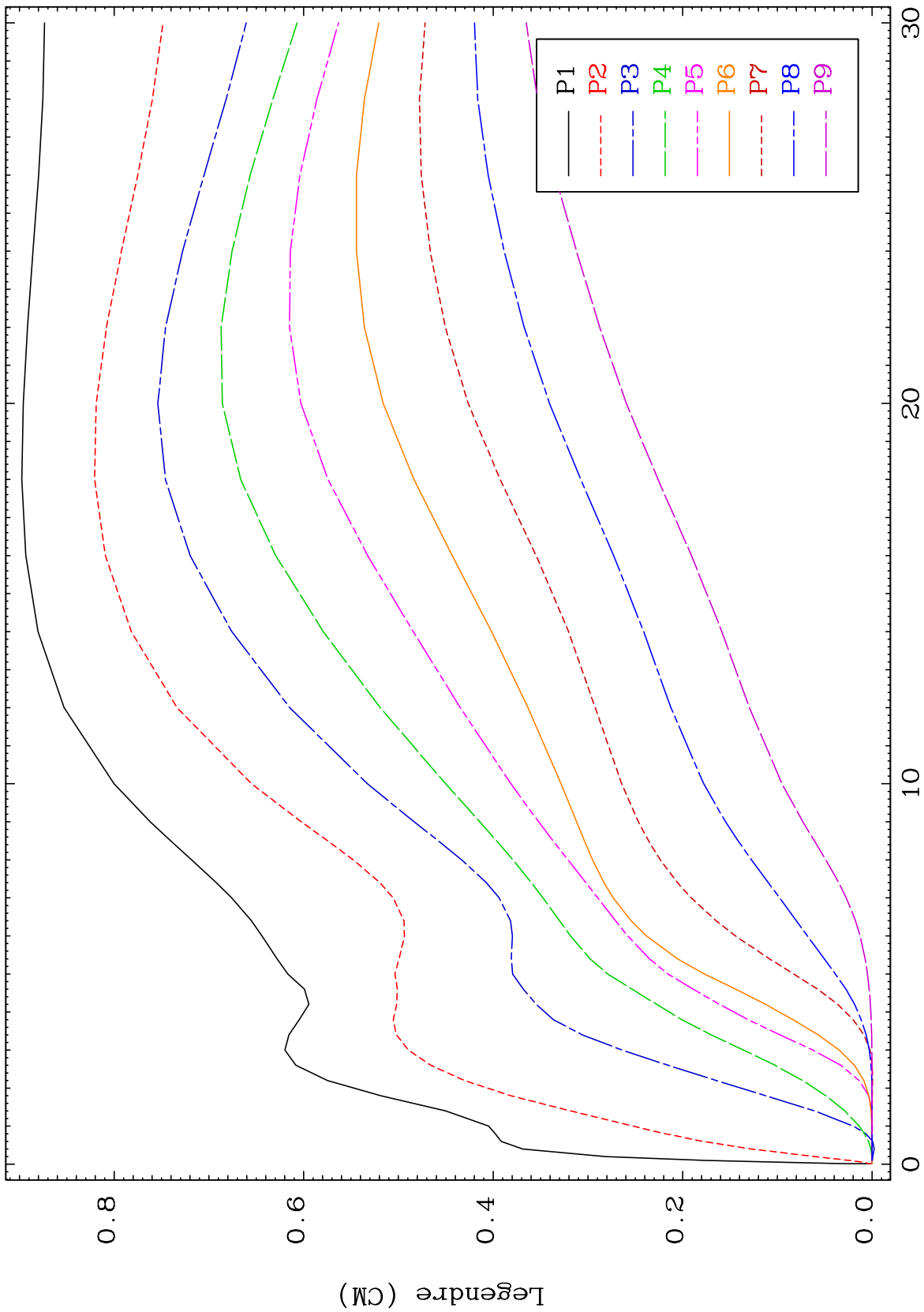




MAT 5264

Elastic Legendre Coefficients

<sup>52</sup>Te-133



16

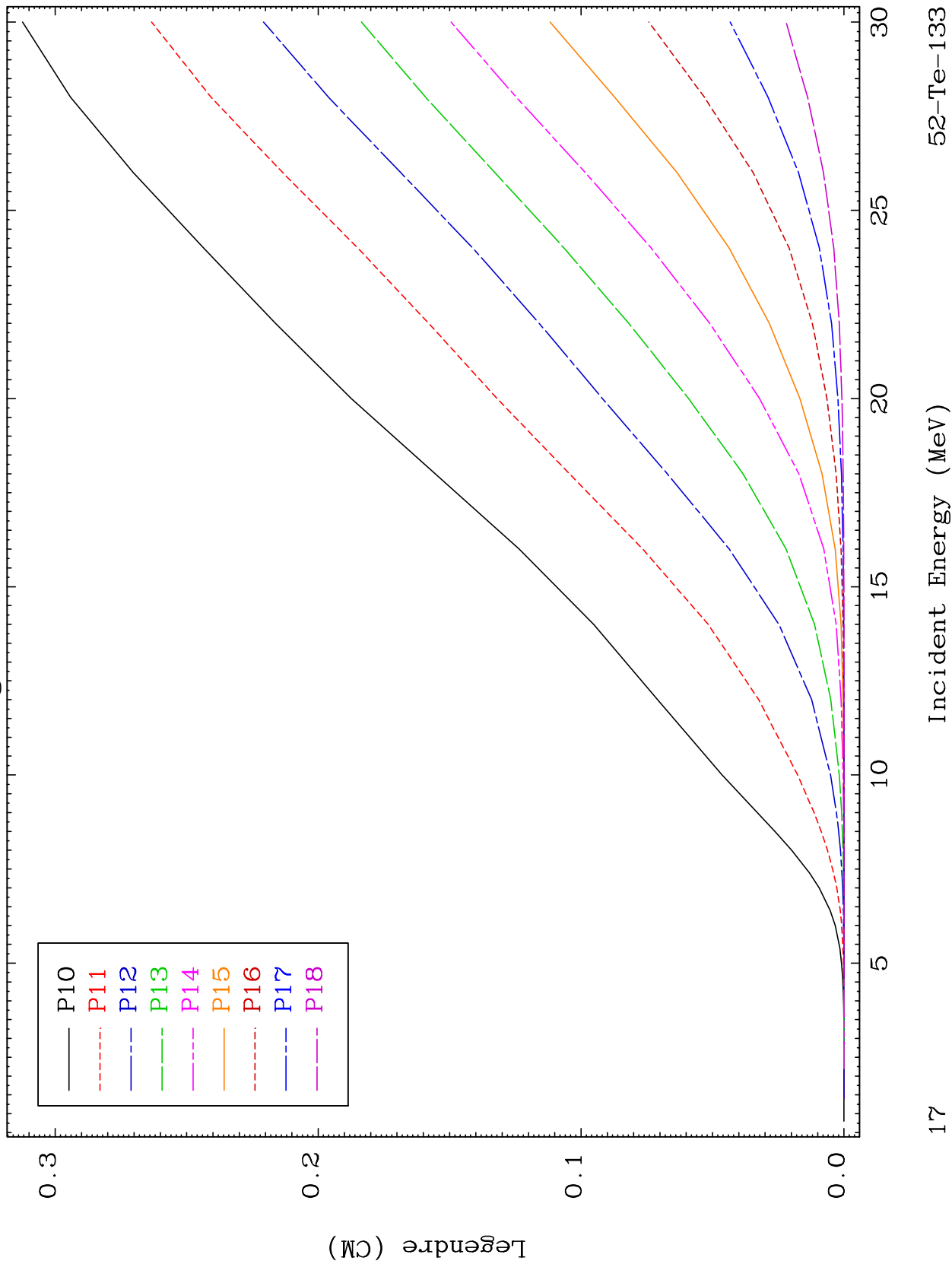
Incident Energy (MeV)

<sup>52</sup>Te-133

MAT 5264

Elastic Legendre Coefficients

52-Te-133



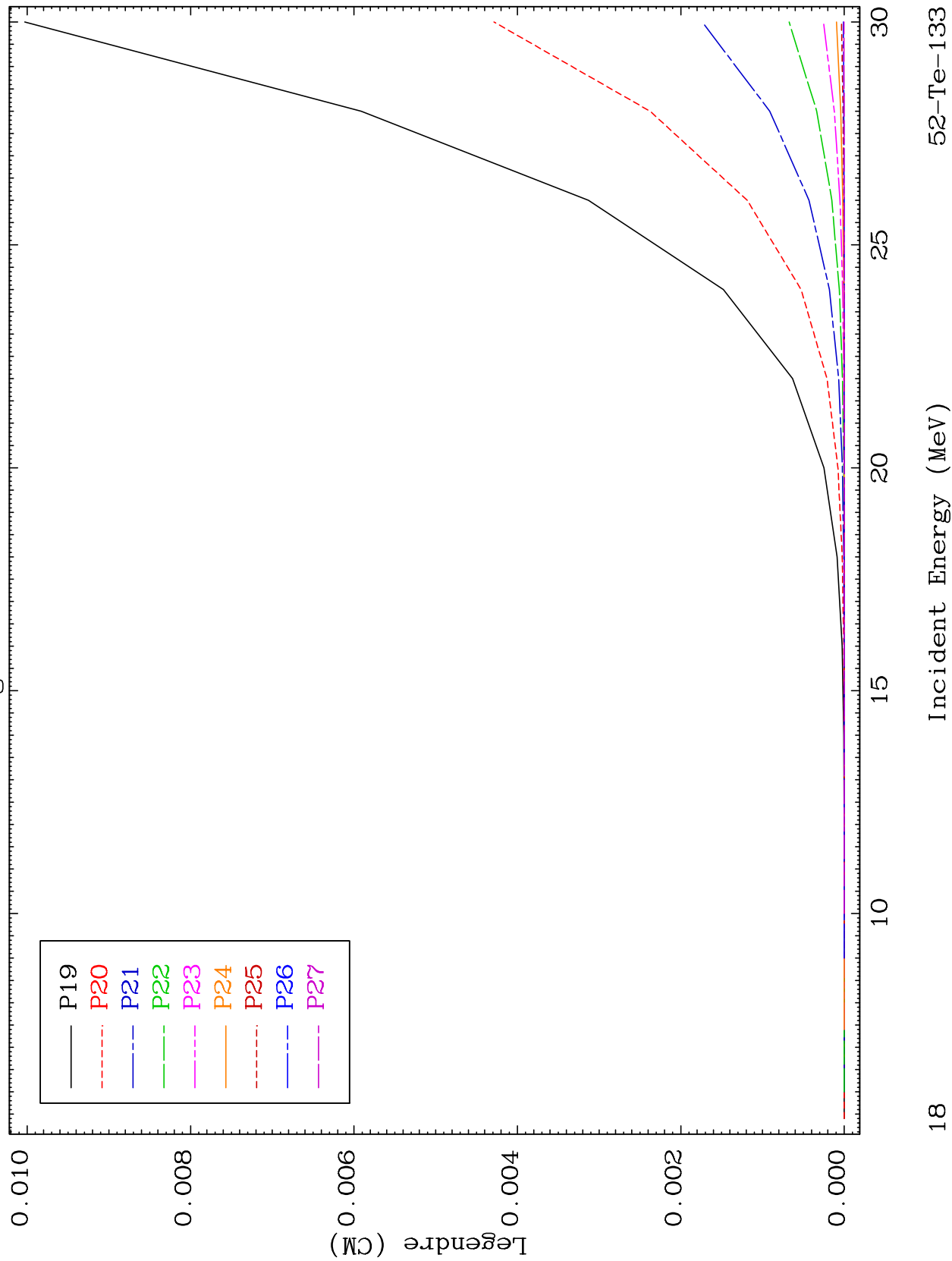
17

52-Te-133

MAT 5264

### Elastic Legendre Coefficients

52-Te-133



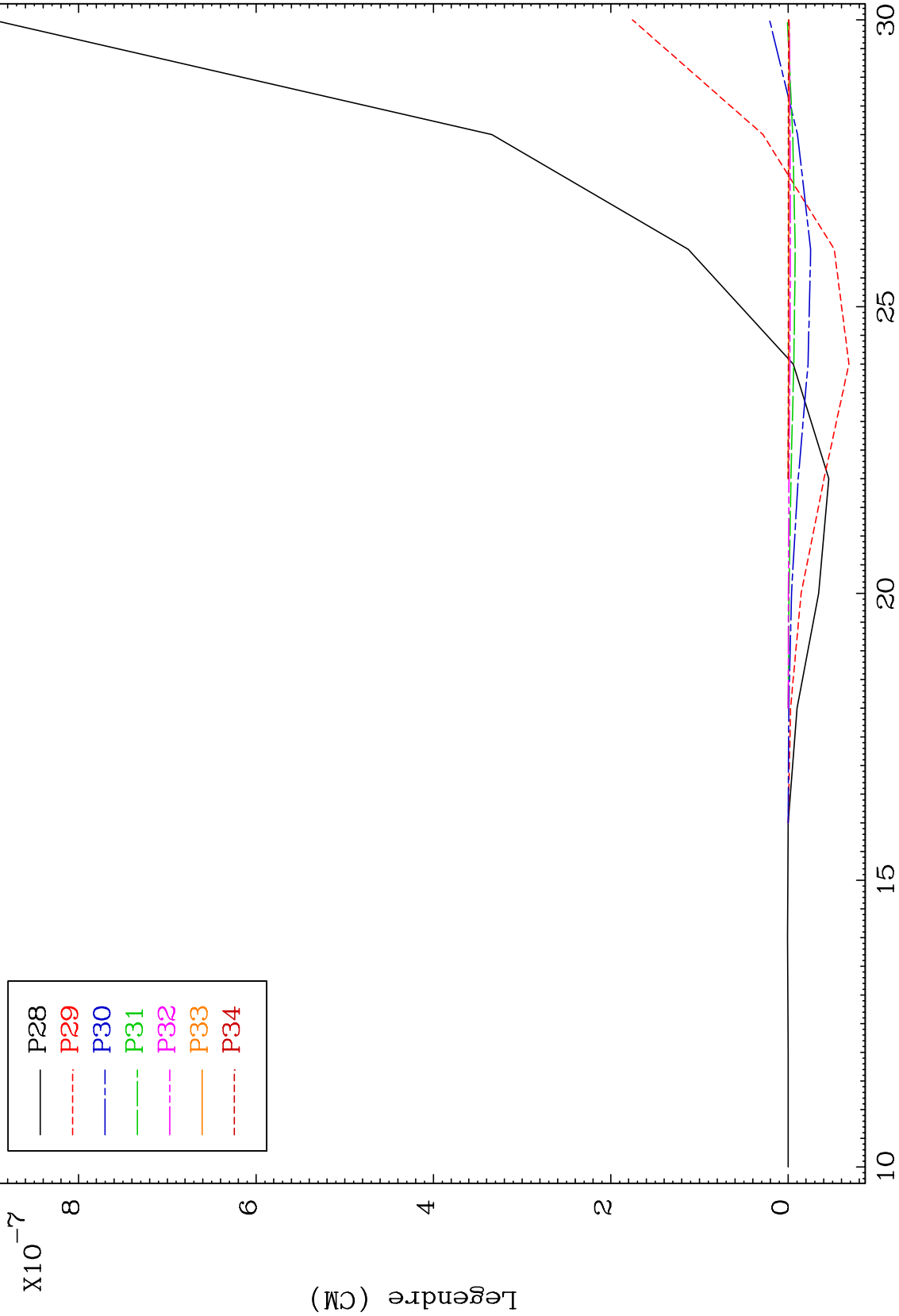
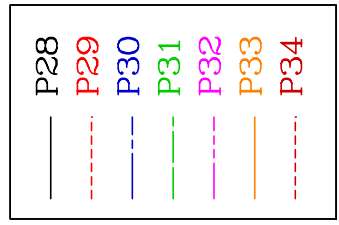
18

52-Te-133

MAT 5264

Elastic  
Legendre Coefficients

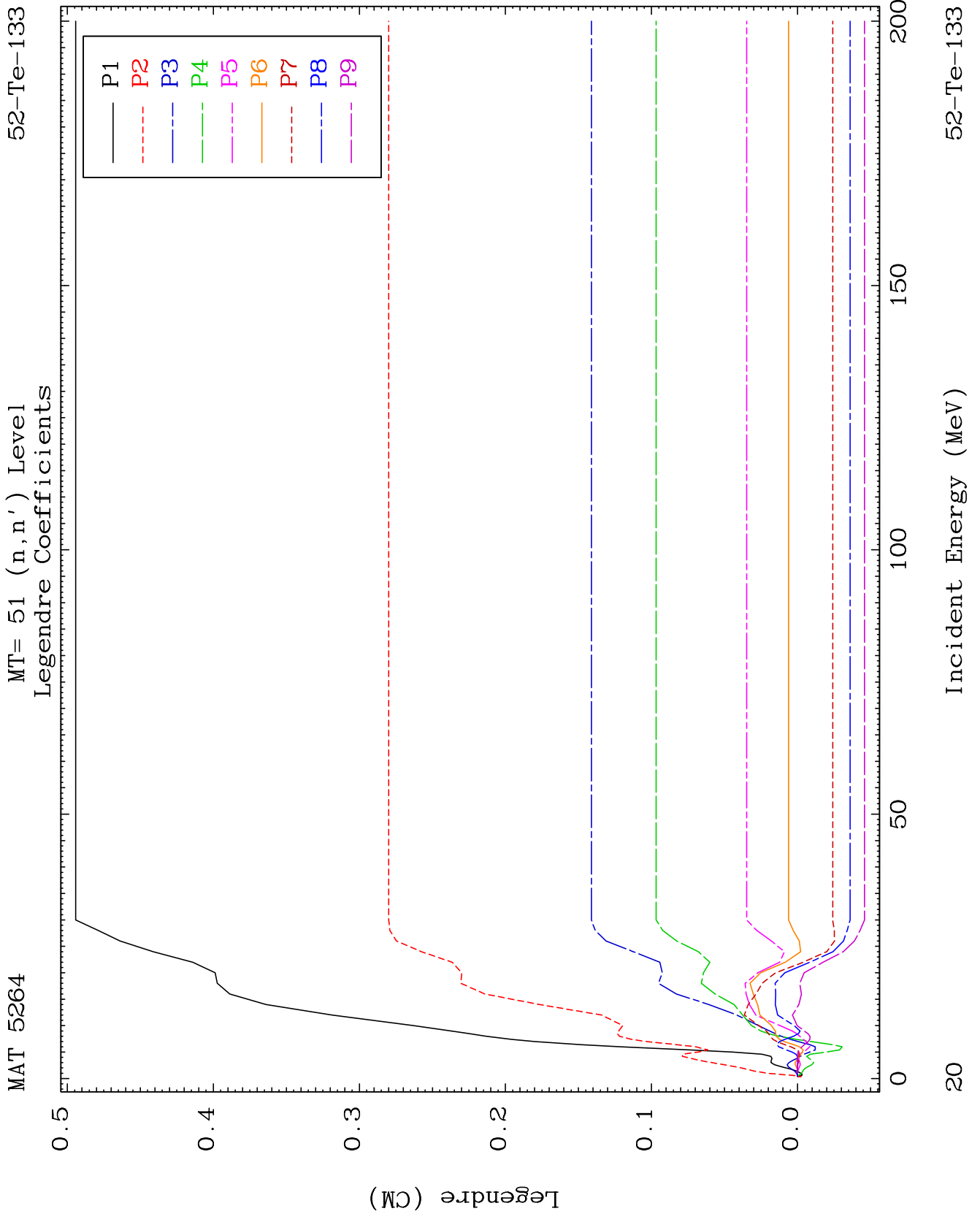
52-Te-133



19

Incident Energy (MeV)

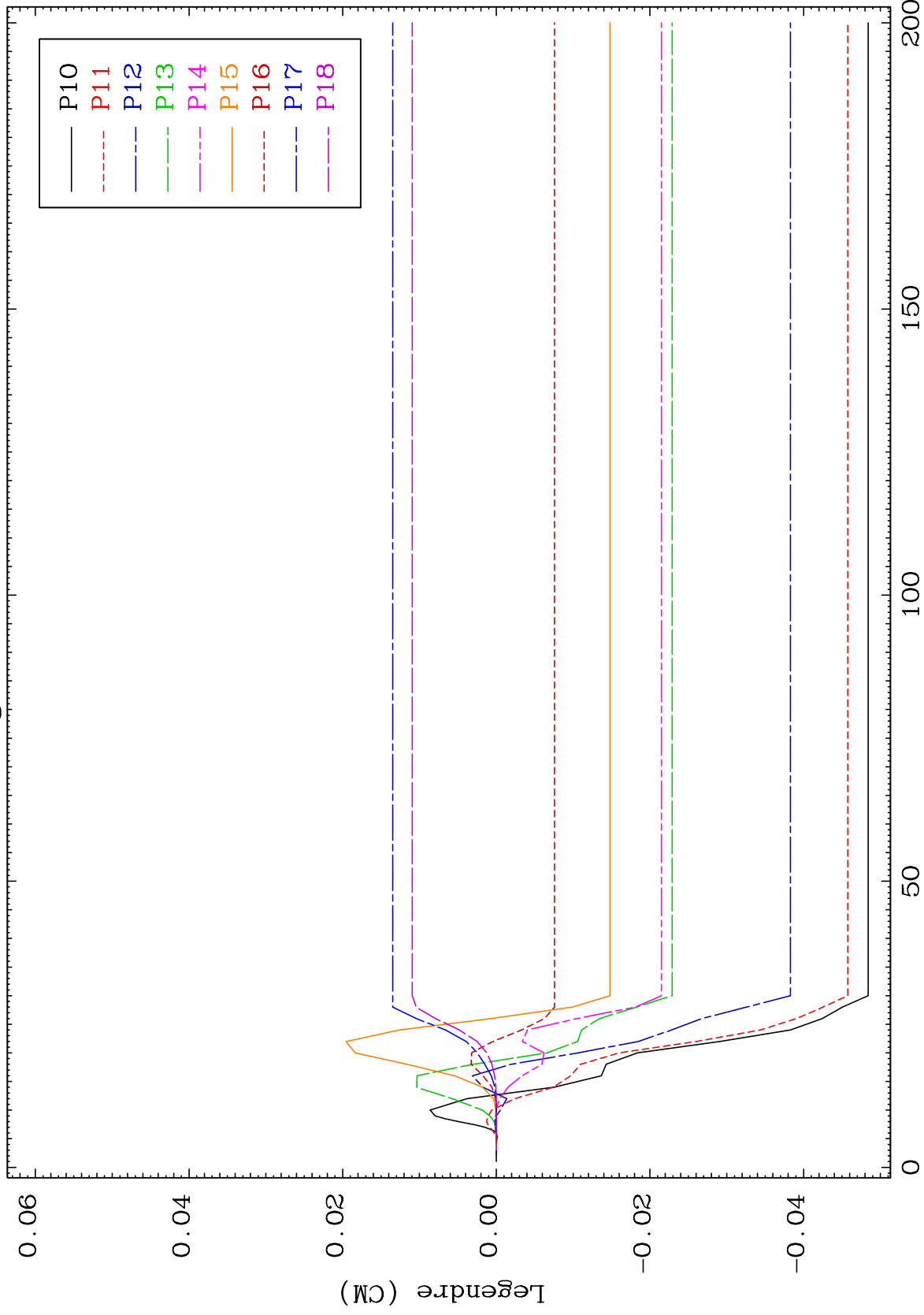
52-Te-133



MAT 5264

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

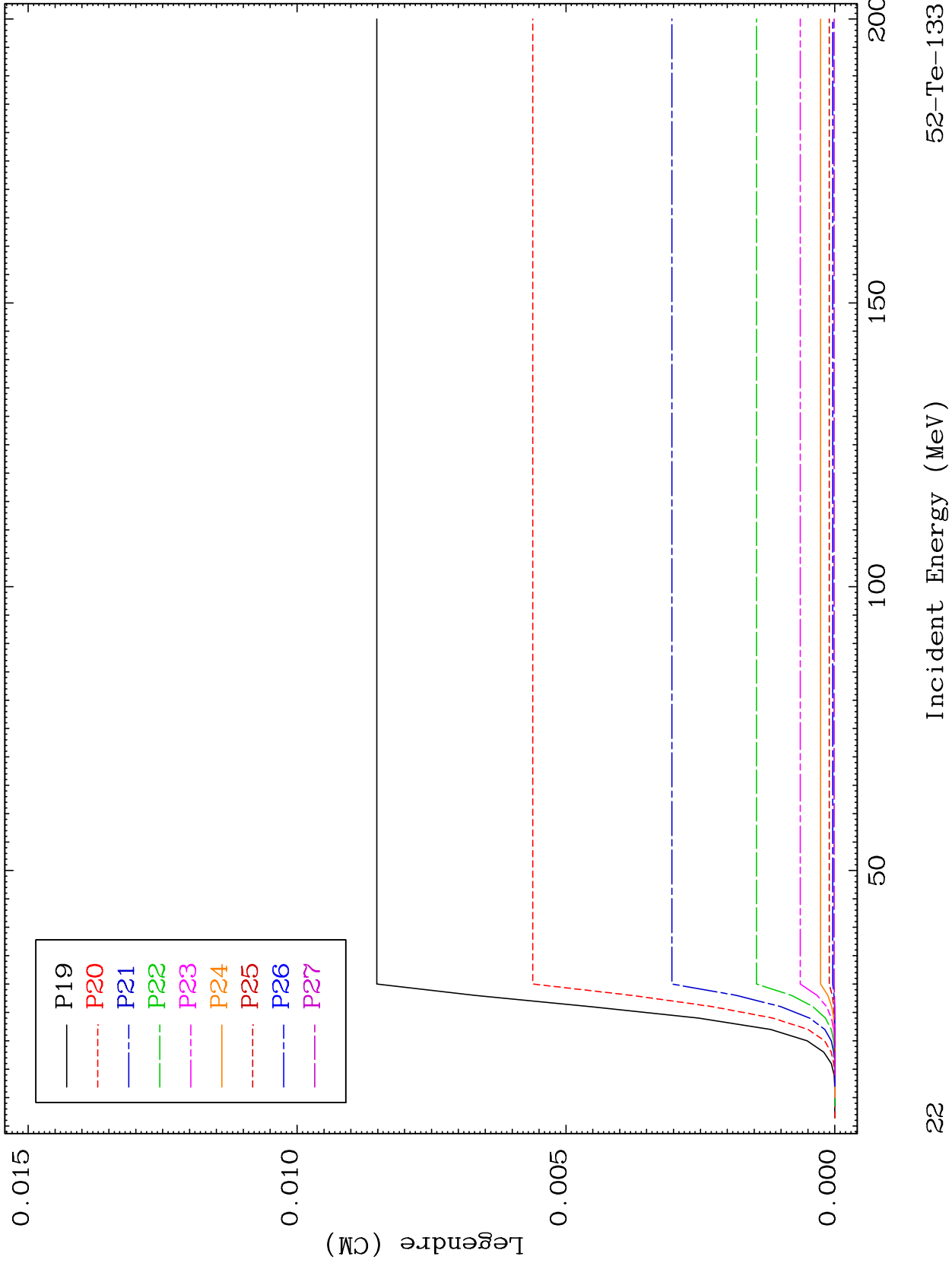
52-Te-133



MAT 5264

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

52-Te-133



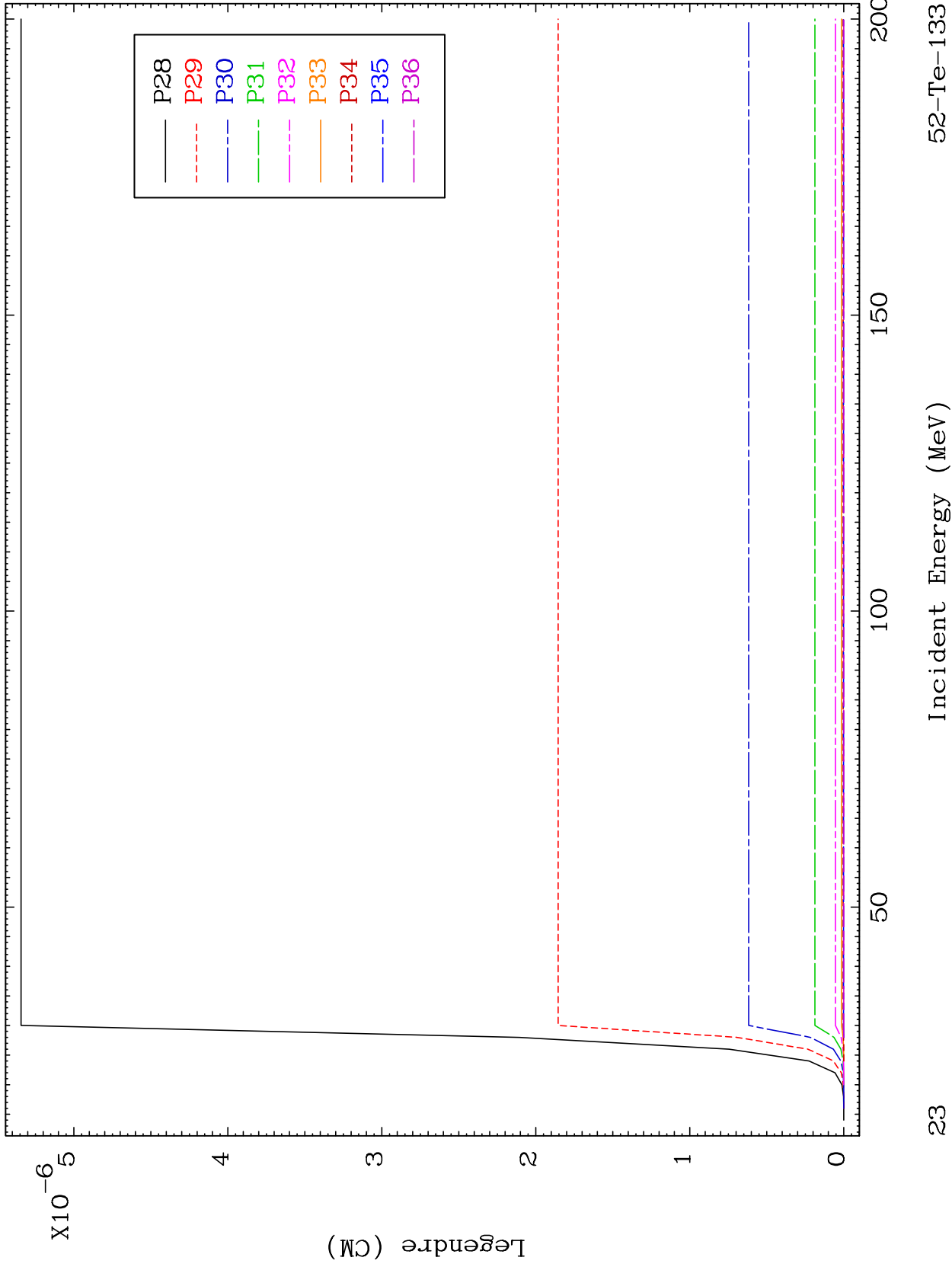
22

52-Te-133

MAT 5264

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

52-Te-133



23

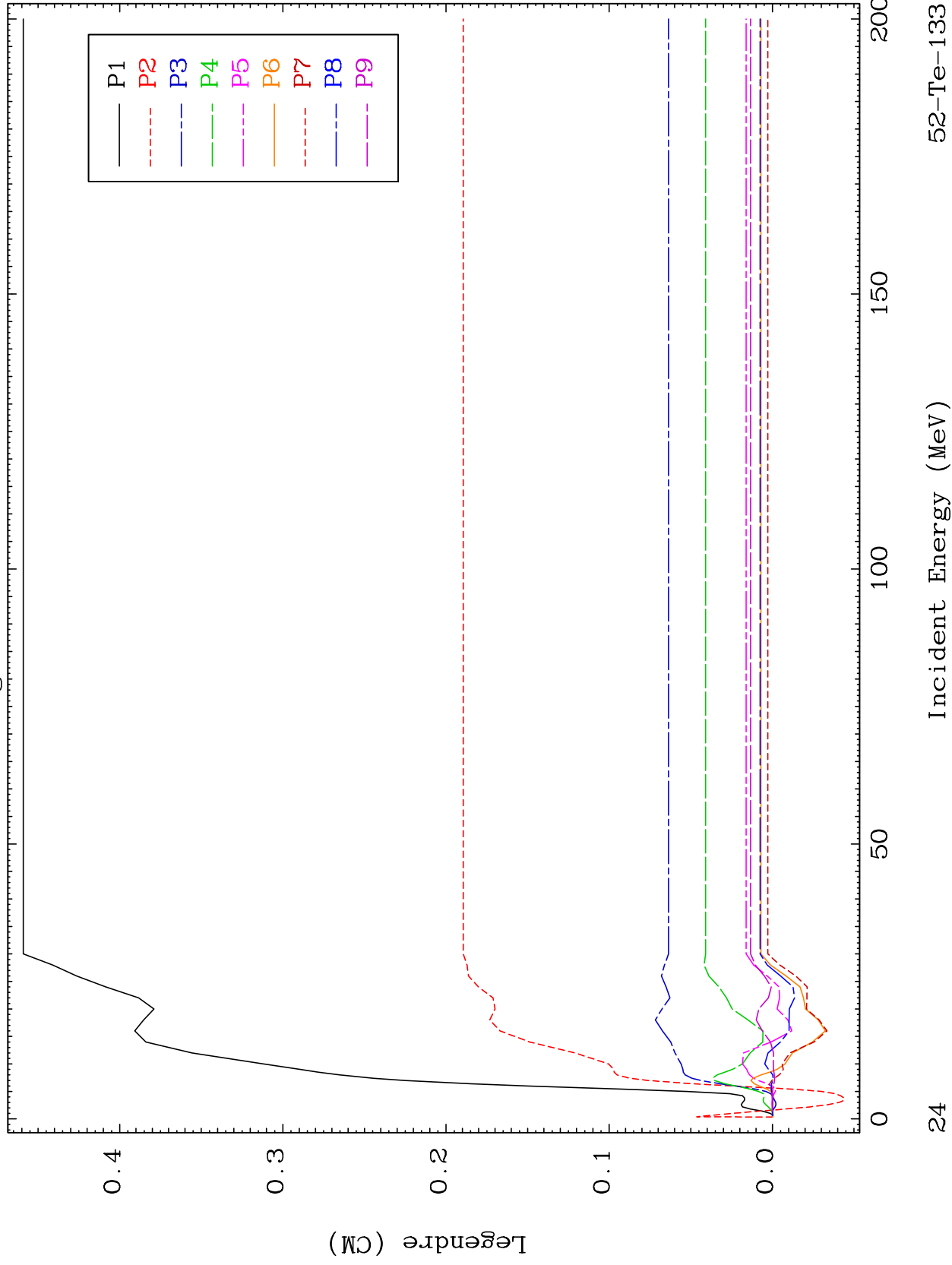
52-Te-133



MAT 5264

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

52-Te-133



52-Te-133

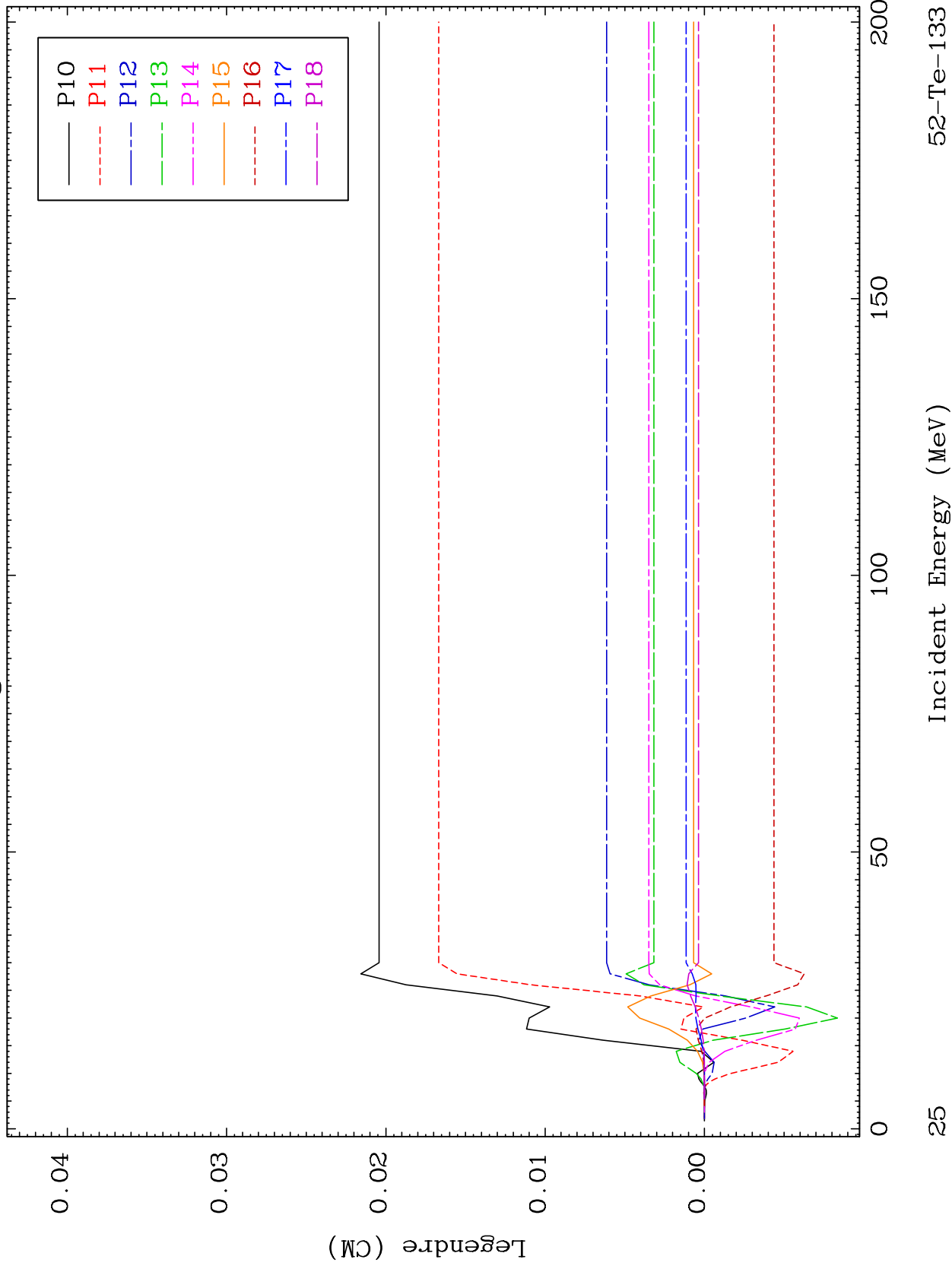
Incident Energy (MeV)

24

MAT 5264

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

52-Te-133



52-Te-133

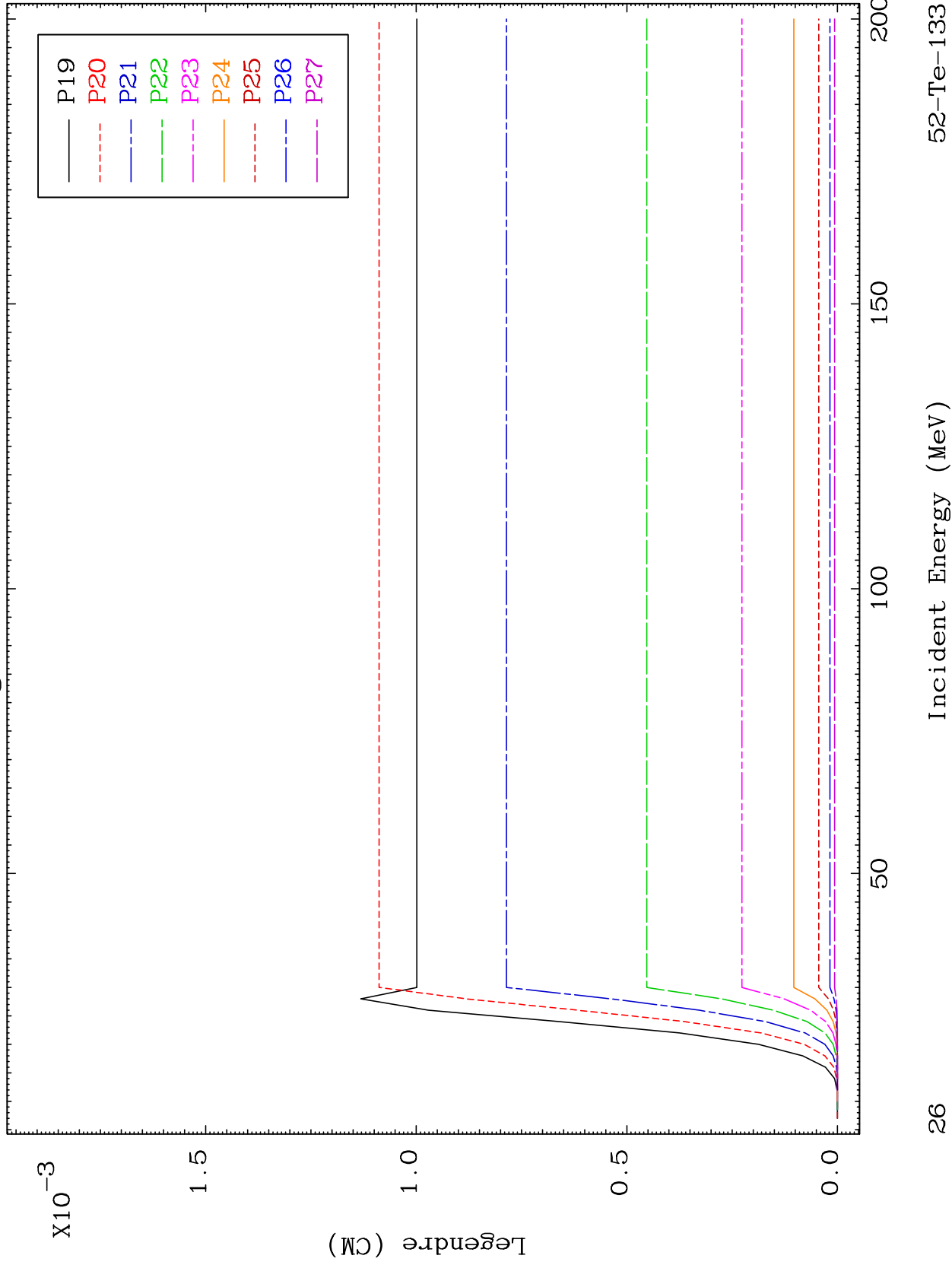
Incident Energy (MeV)

25

MAT 5264

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

52-Te-133



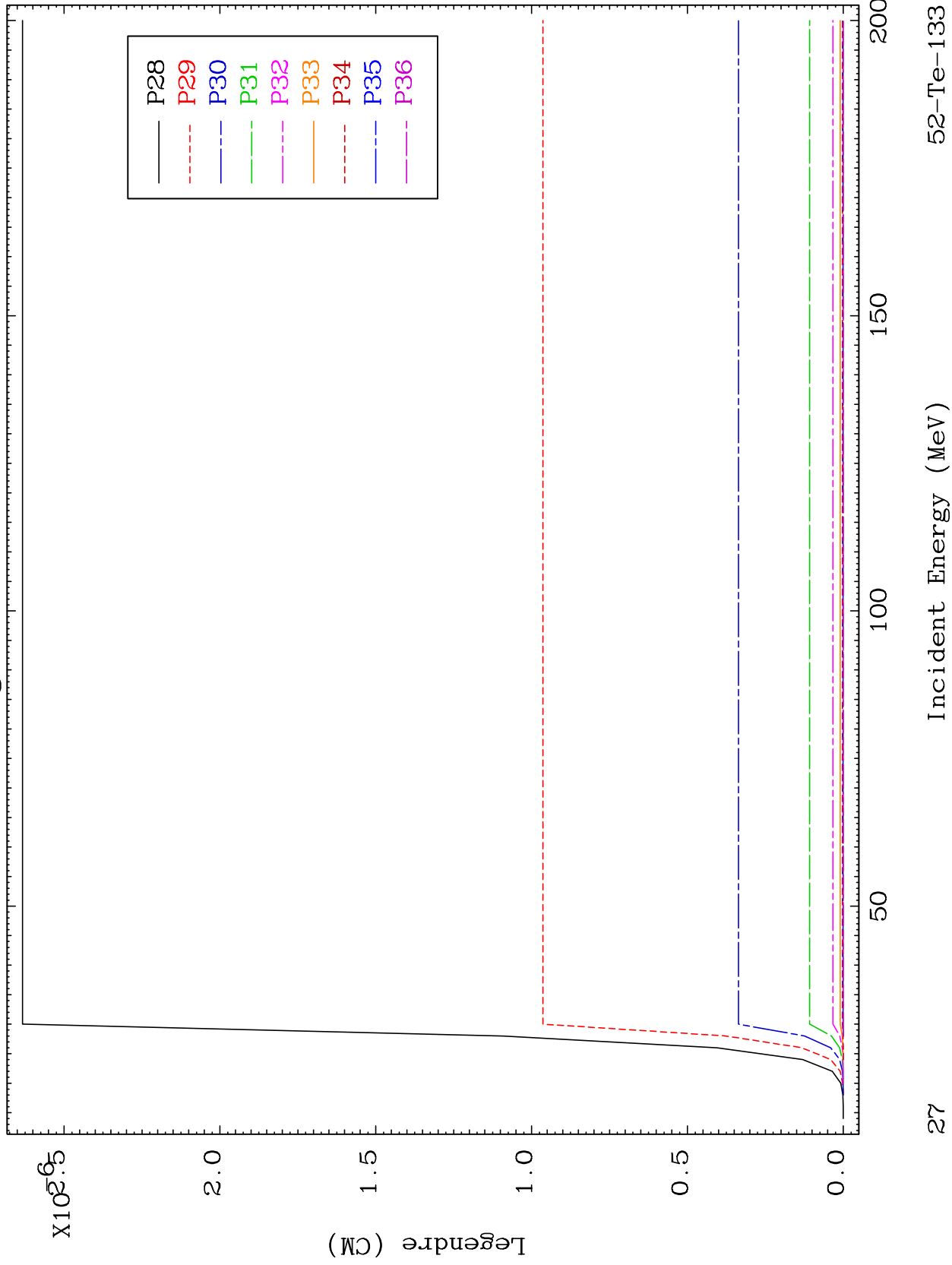
26

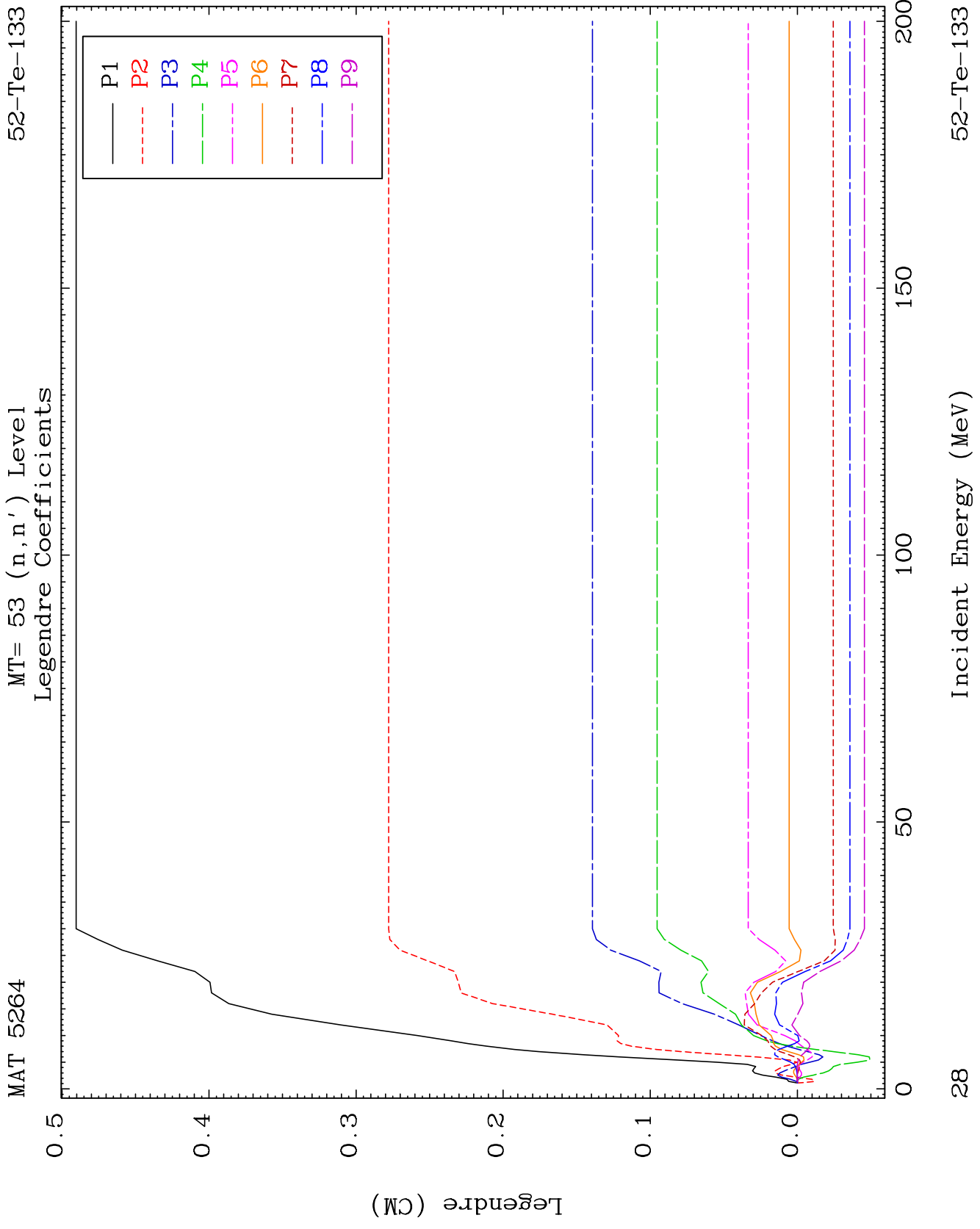
52-Te-133

MAT 5264

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

52-Te-133

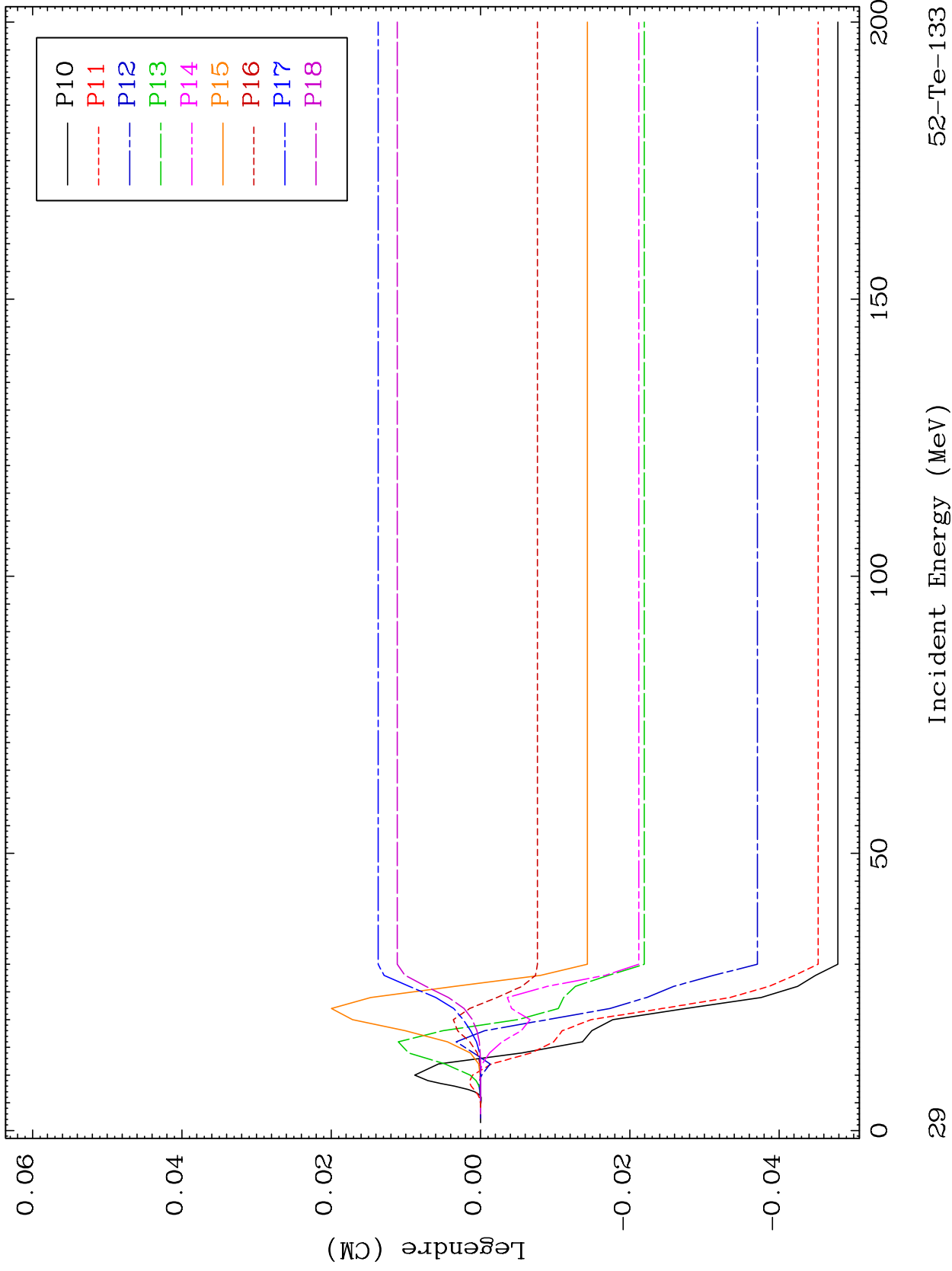




MAT 5264

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

52-Te-133



52-Te-133

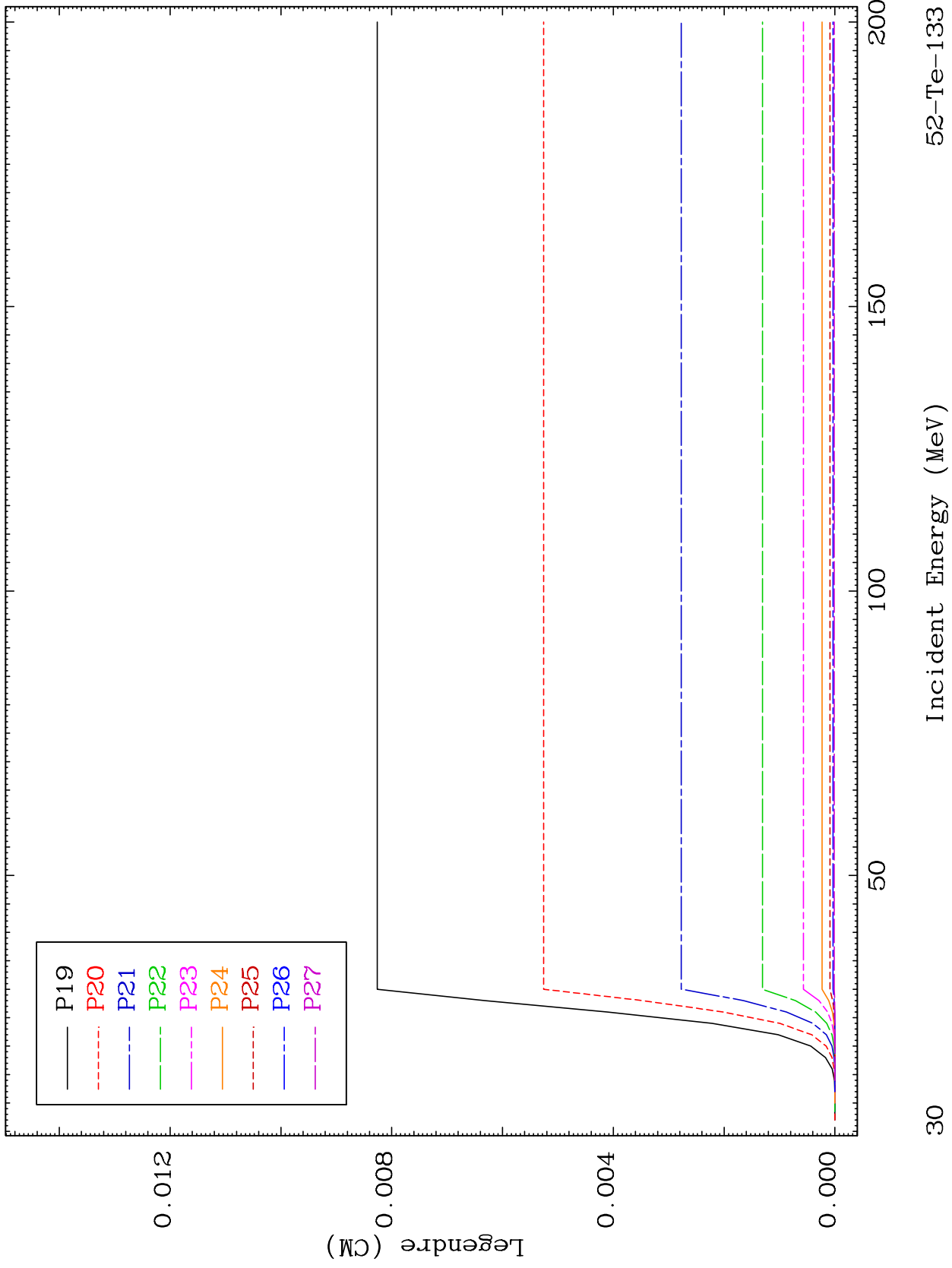
Incident Energy (MeV)

29

MAT 5264

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

52-Te-133



52-Te-133

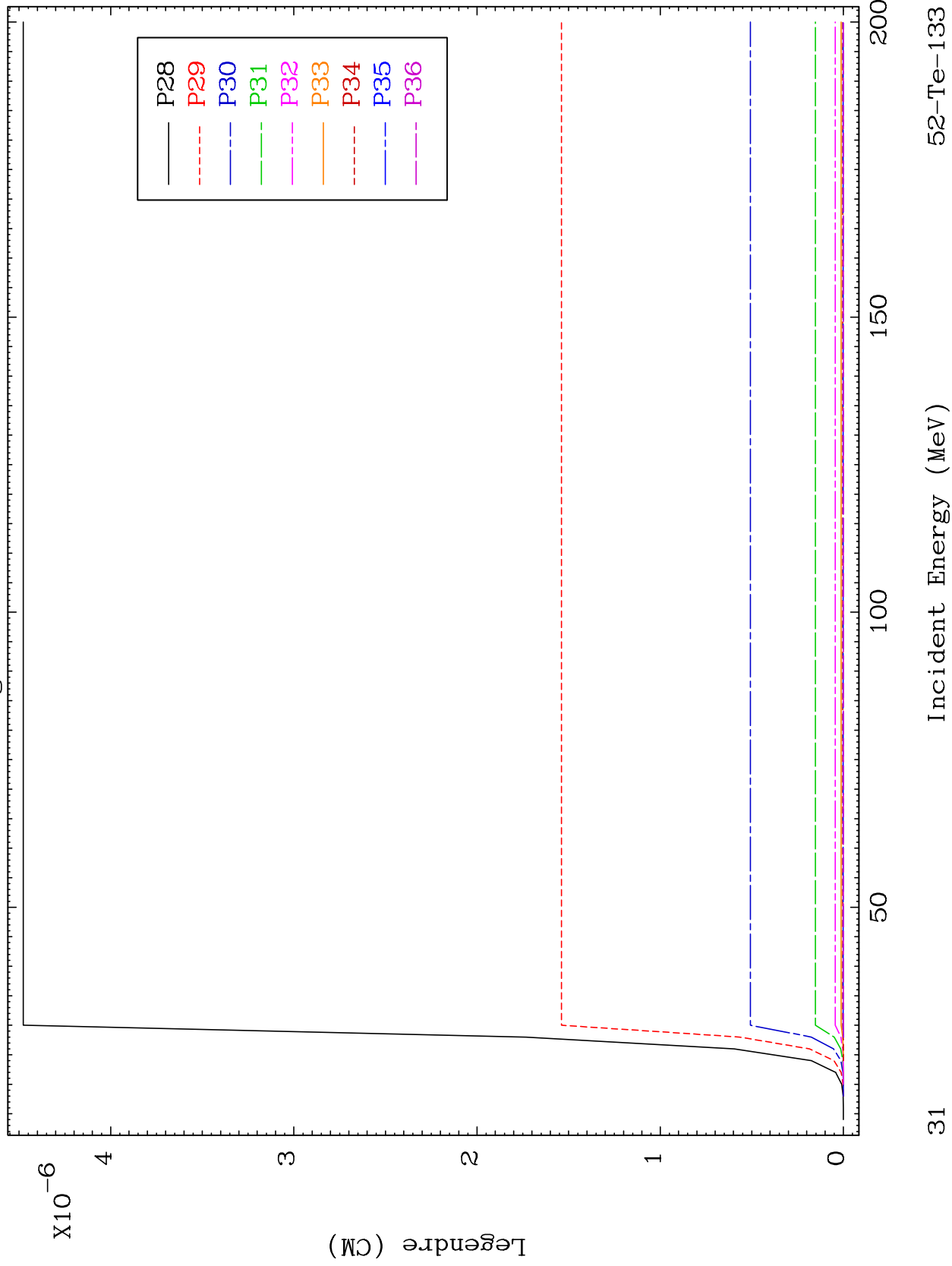
Incident Energy (MeV)

30

MAT 5264

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

52-Te-133

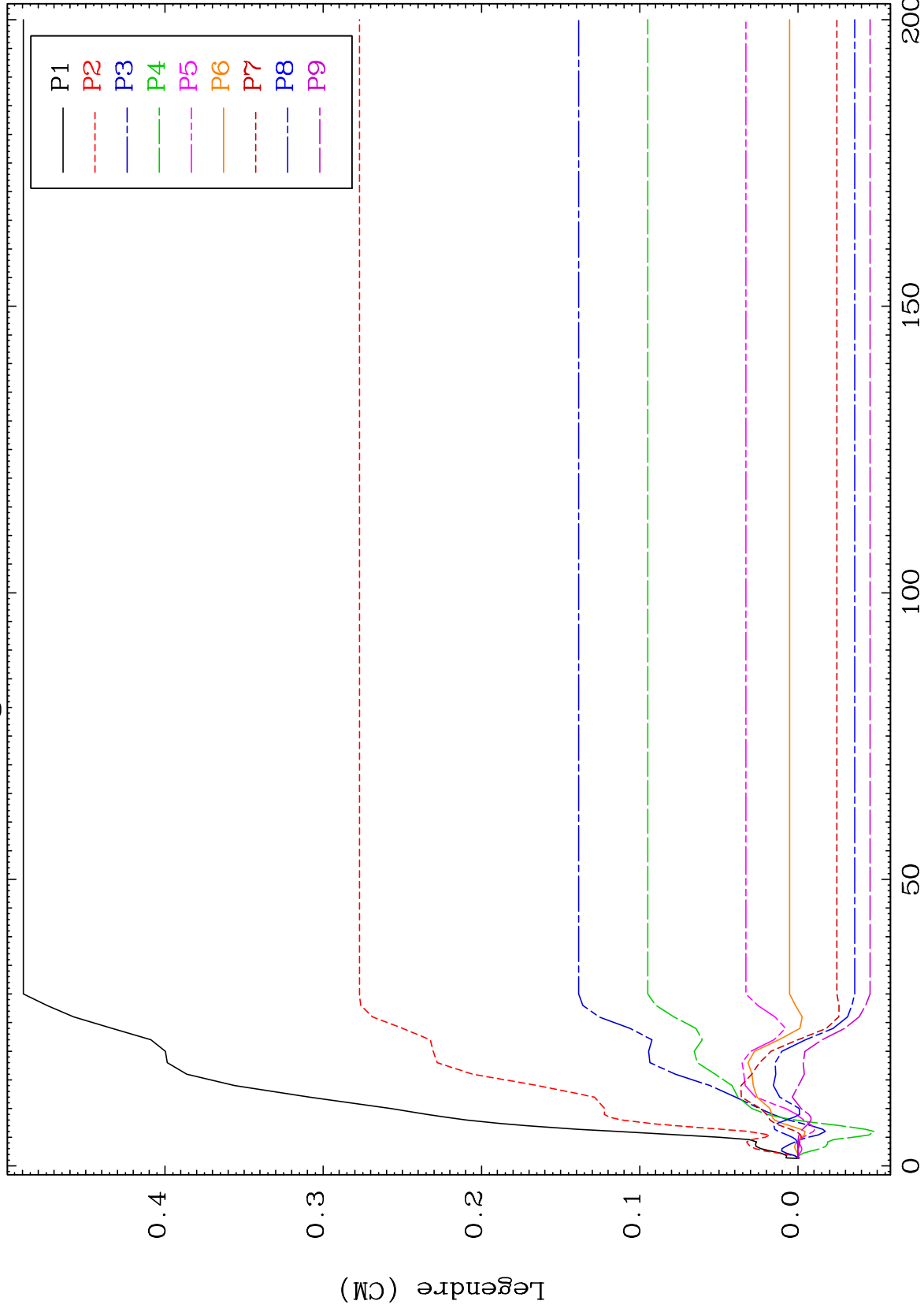




MAT 5264

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

52-Te-133



32

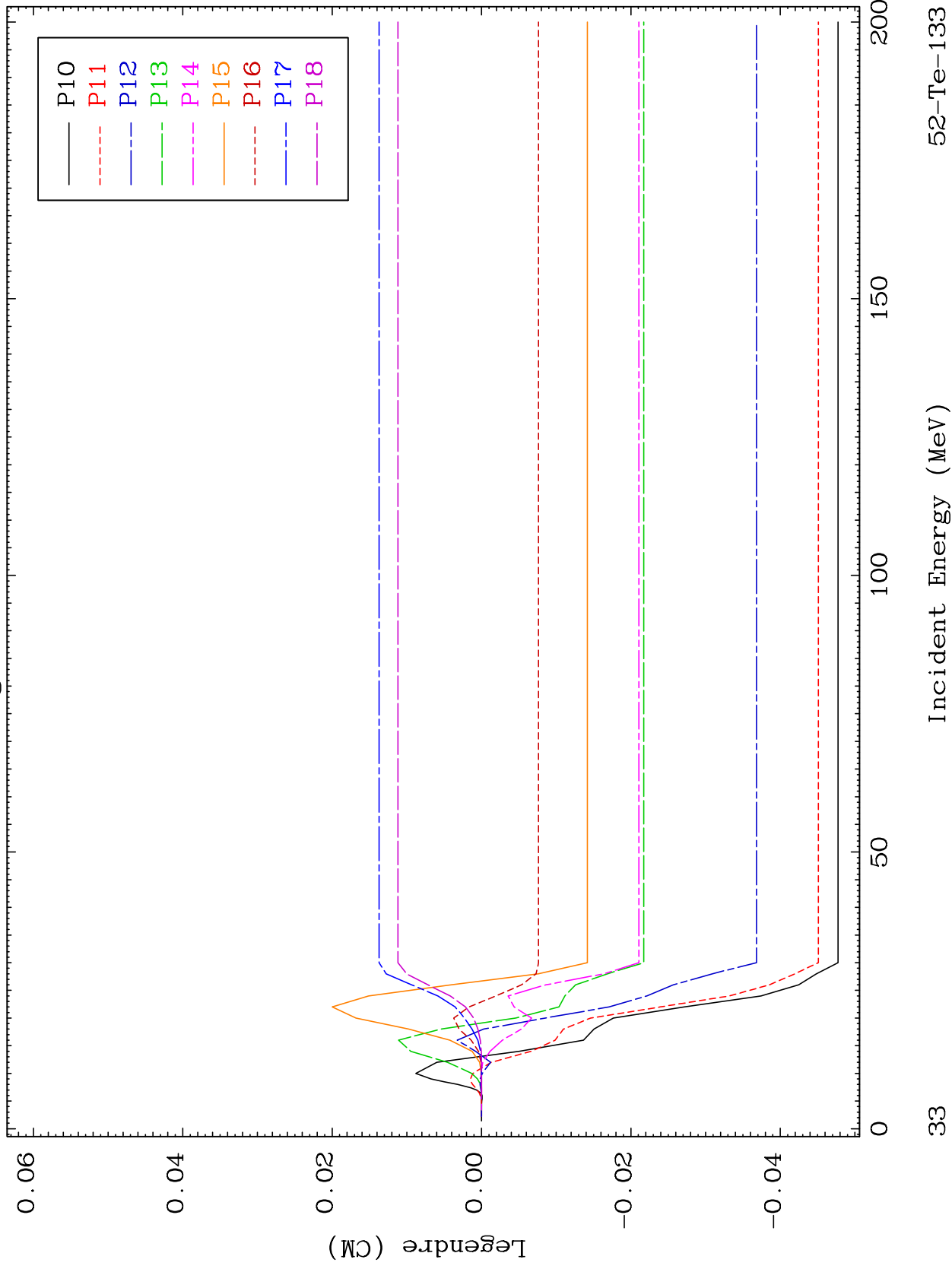
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



33

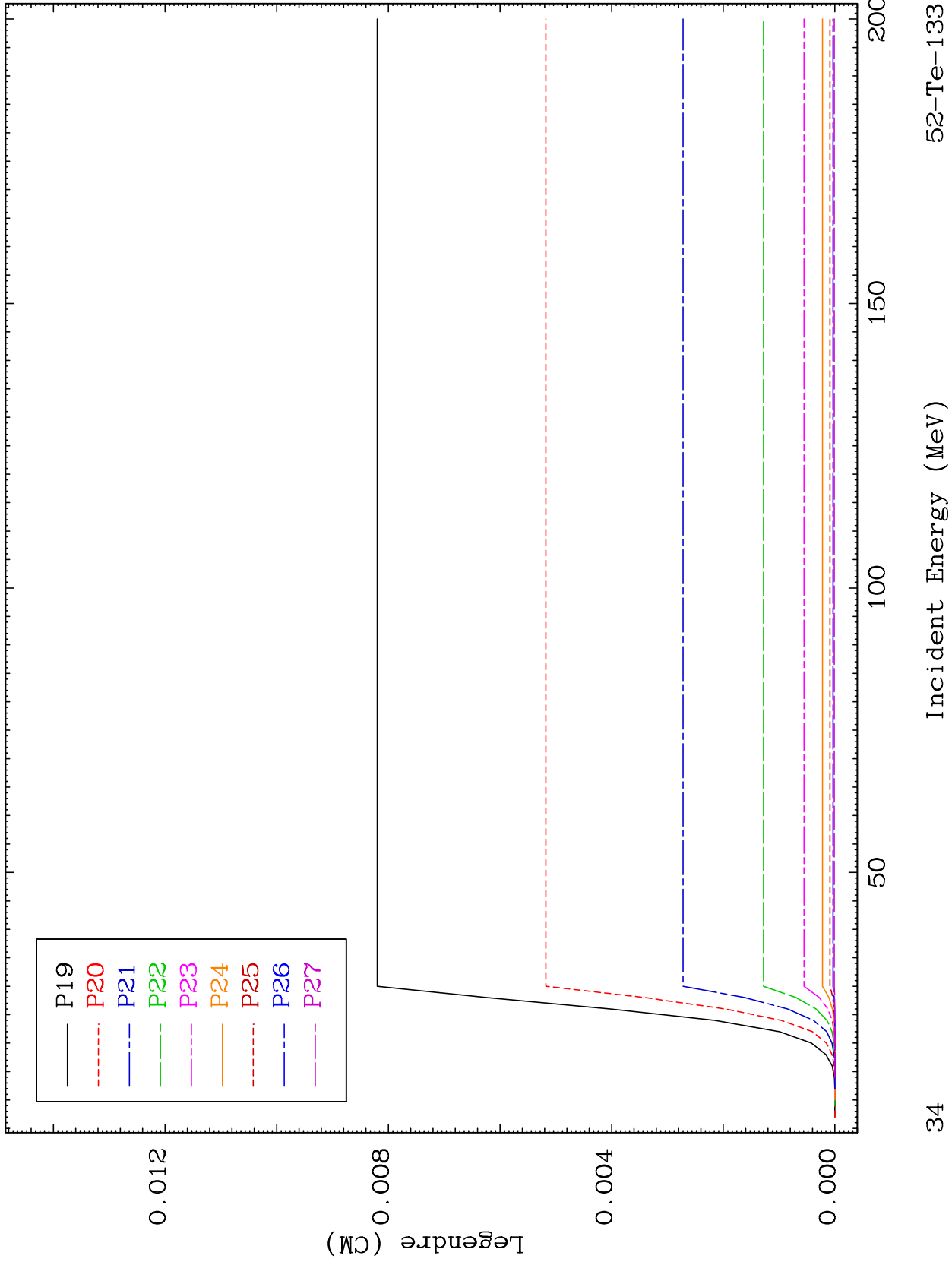
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



34

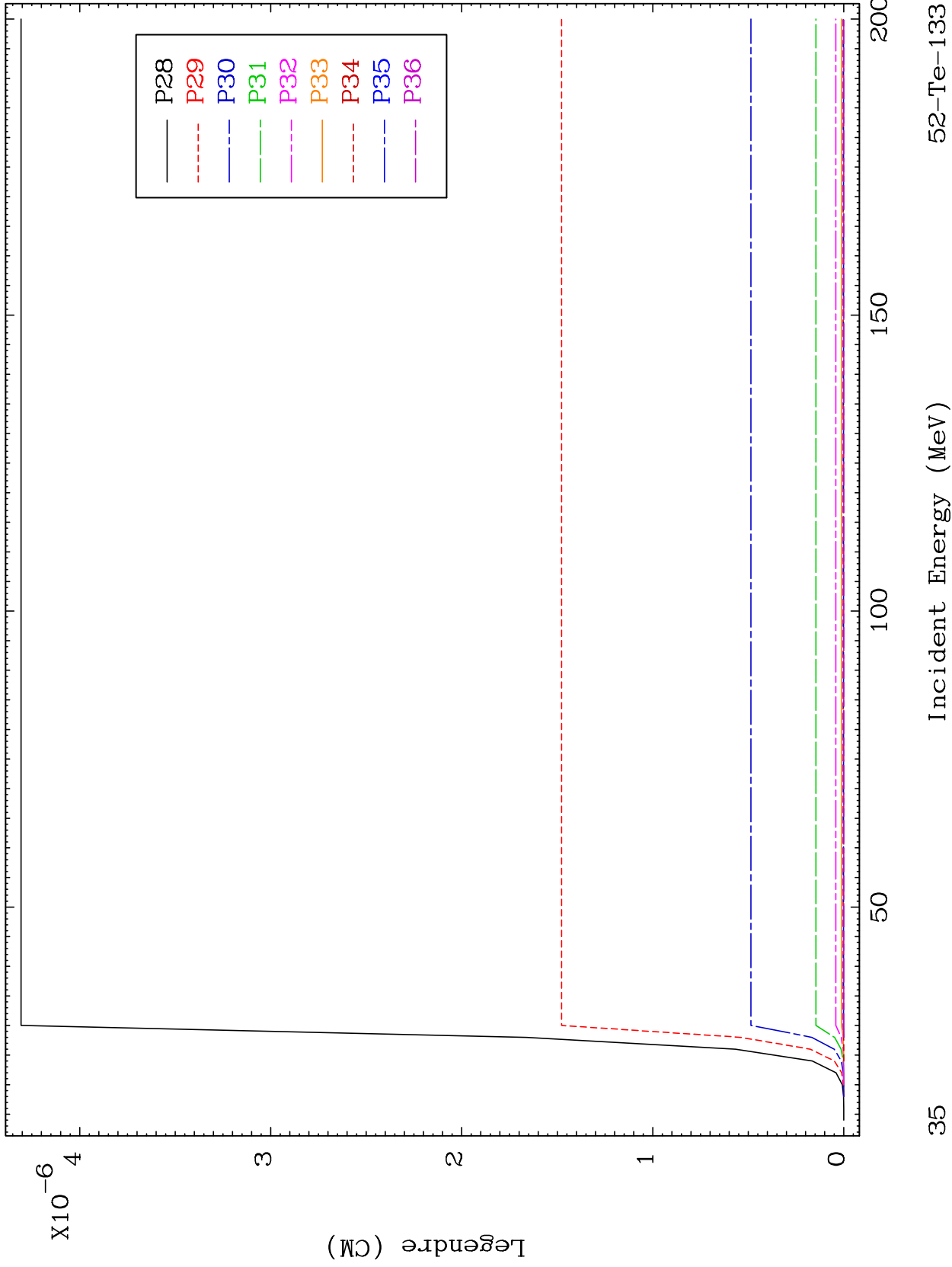
Incident Energy (MeV)

52-Te-133

MAT 5264

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

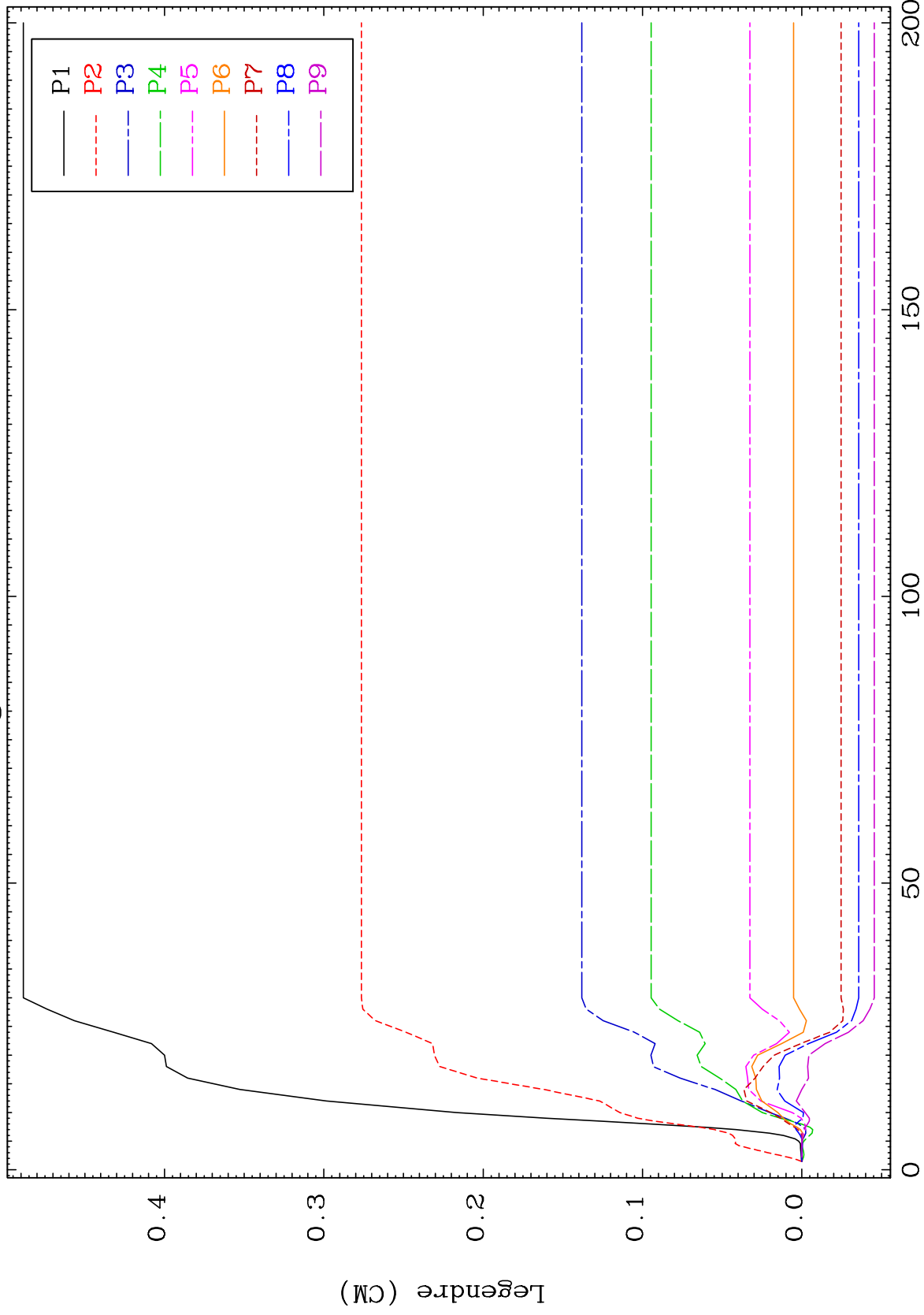
52-Te-133



MAT 5264

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

52-Te-133



36

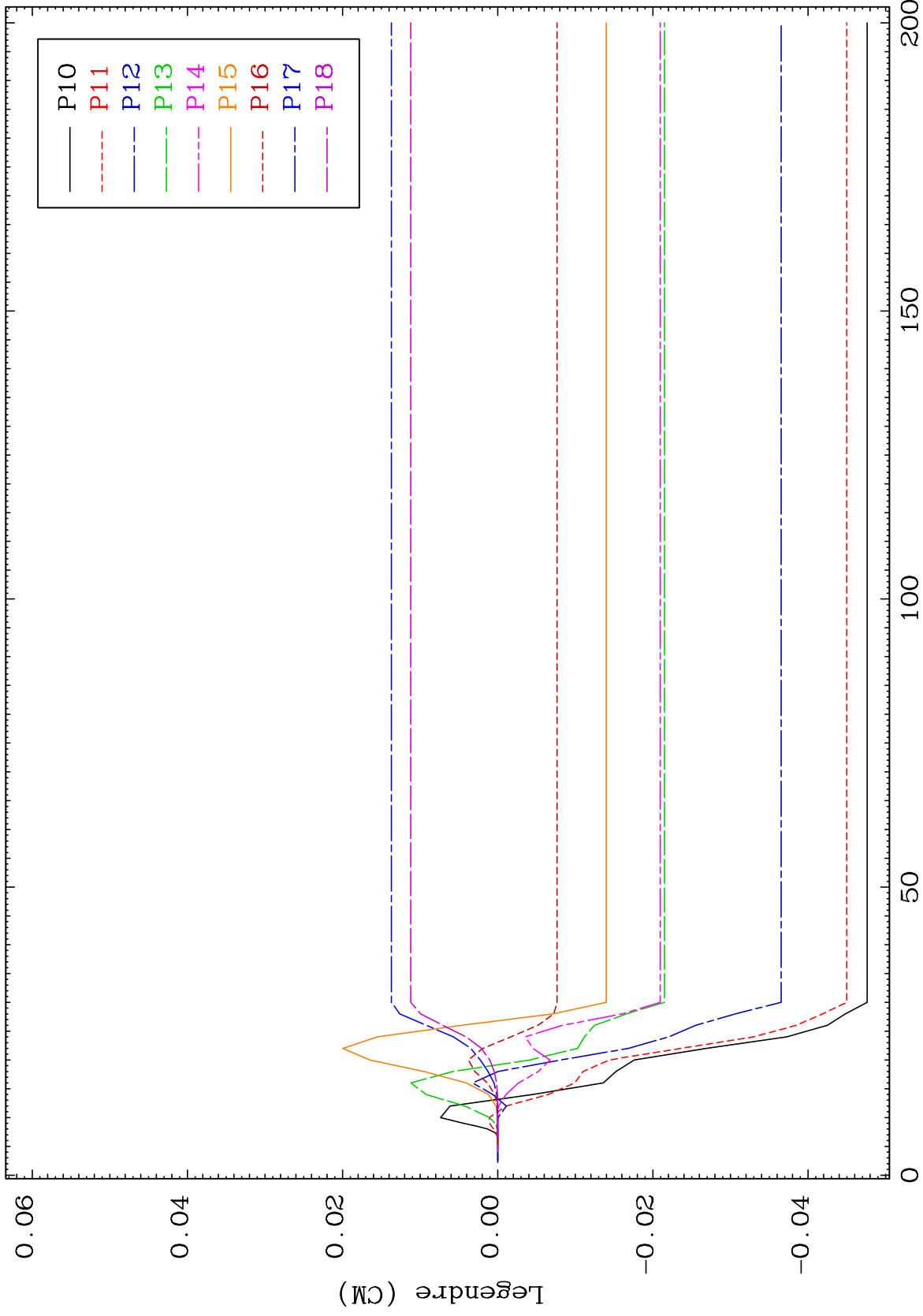
52-Te-133

52-Te-133

MAT 5264

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

52-Te-133



37

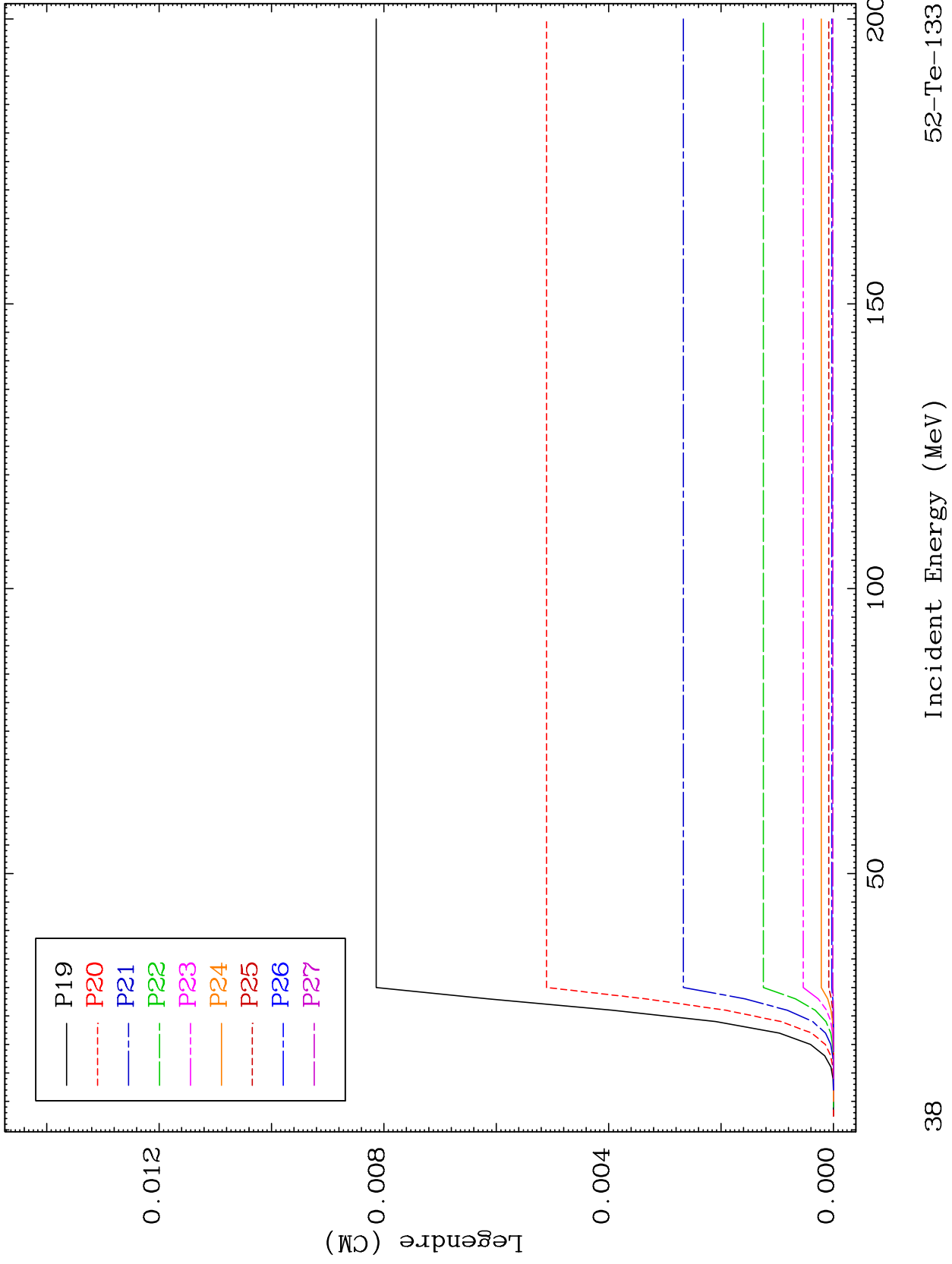
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



38

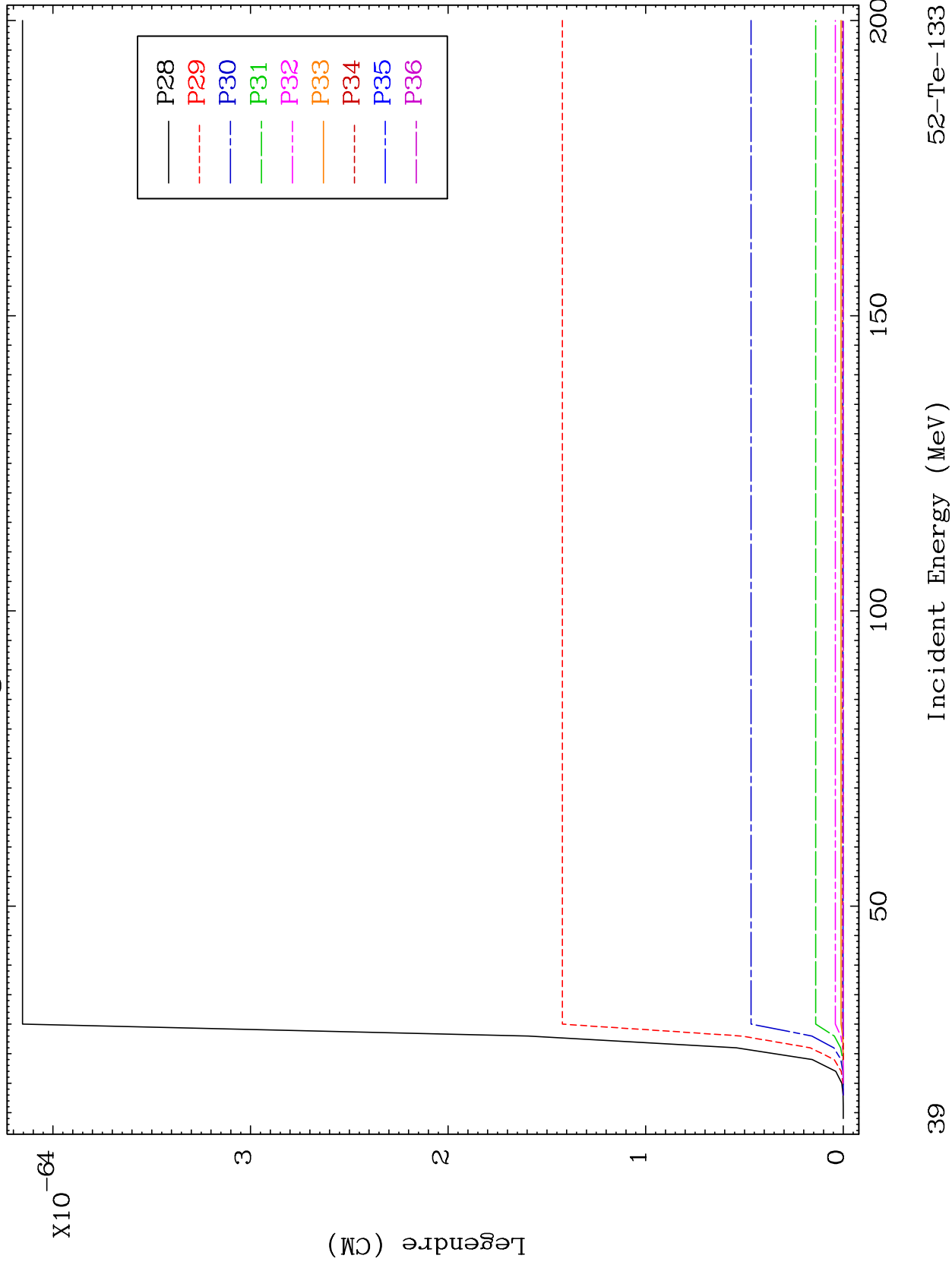
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133

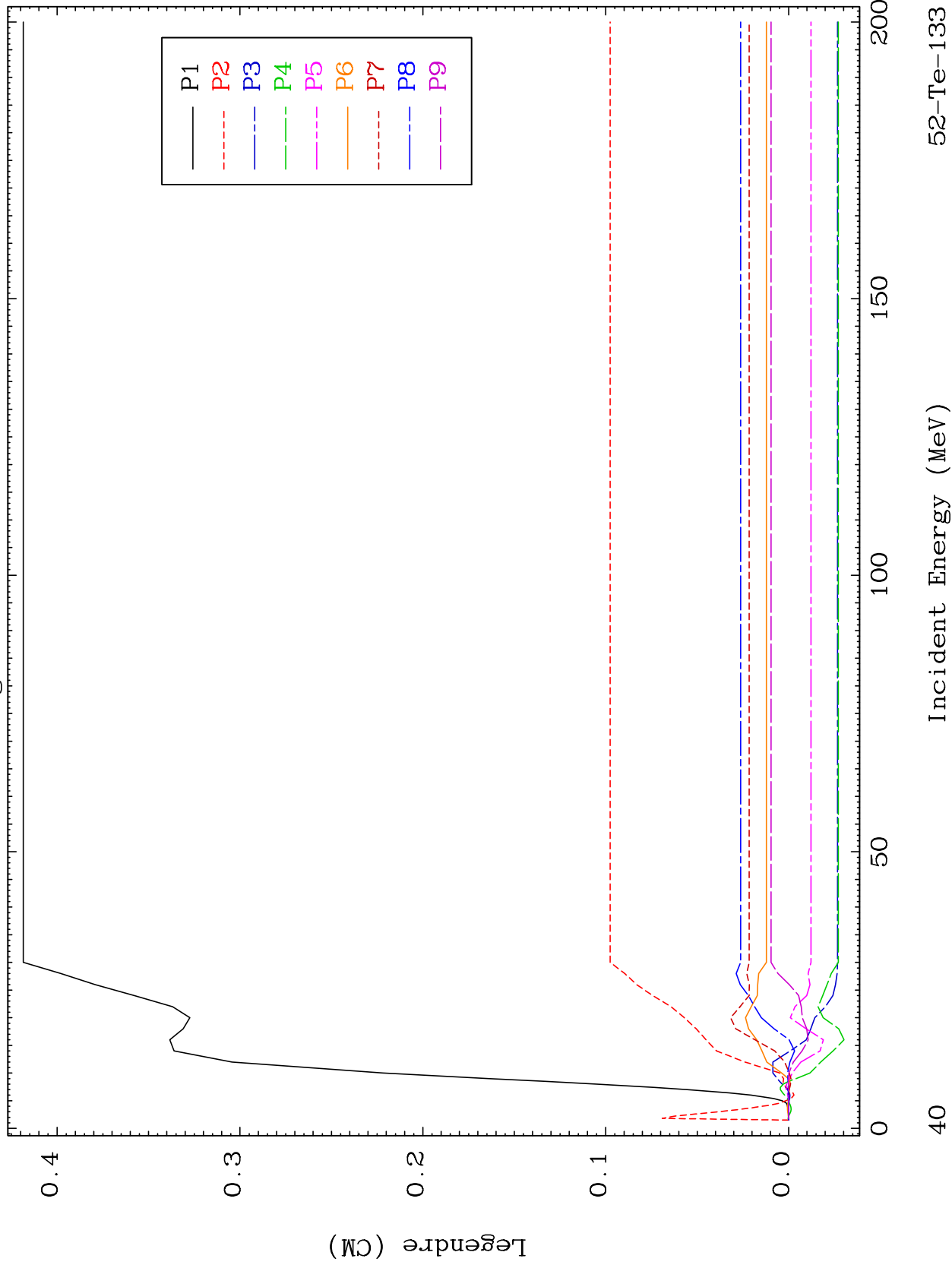




MAT 5264

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

52-Te-133



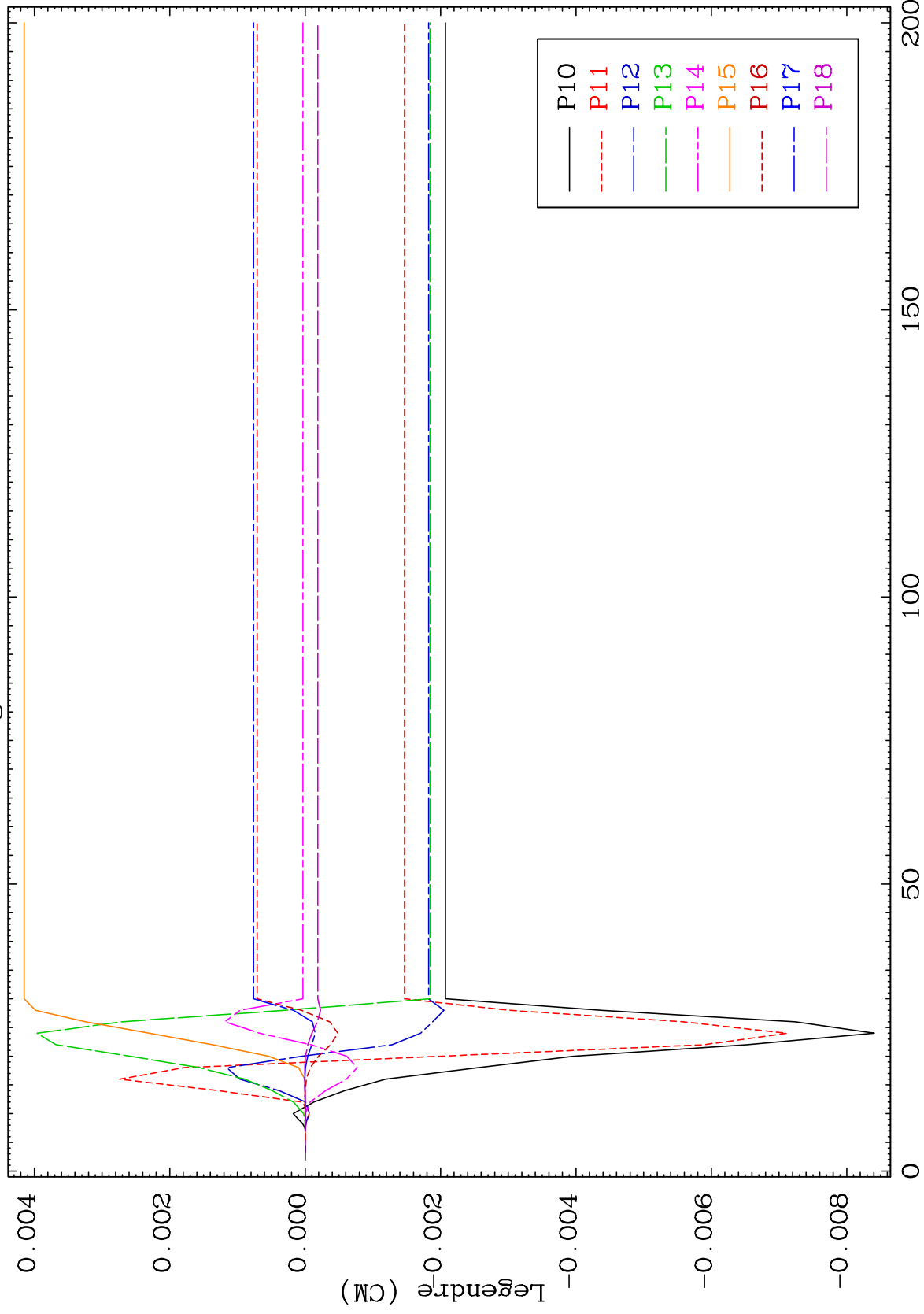
52-Te-133

Incident Energy (MeV)

MAT 5264

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

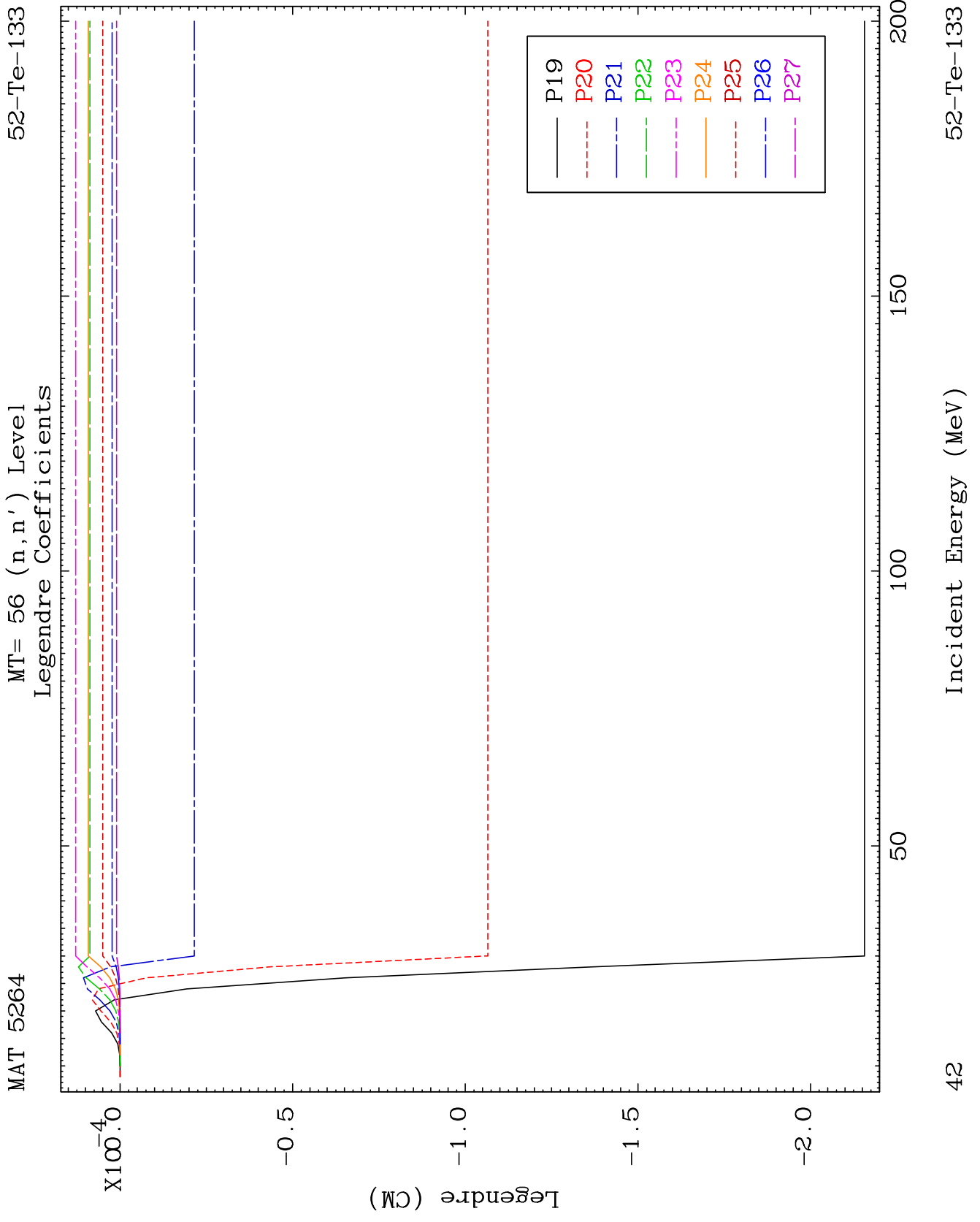
52-Te-133



41

Incident Energy (MeV)

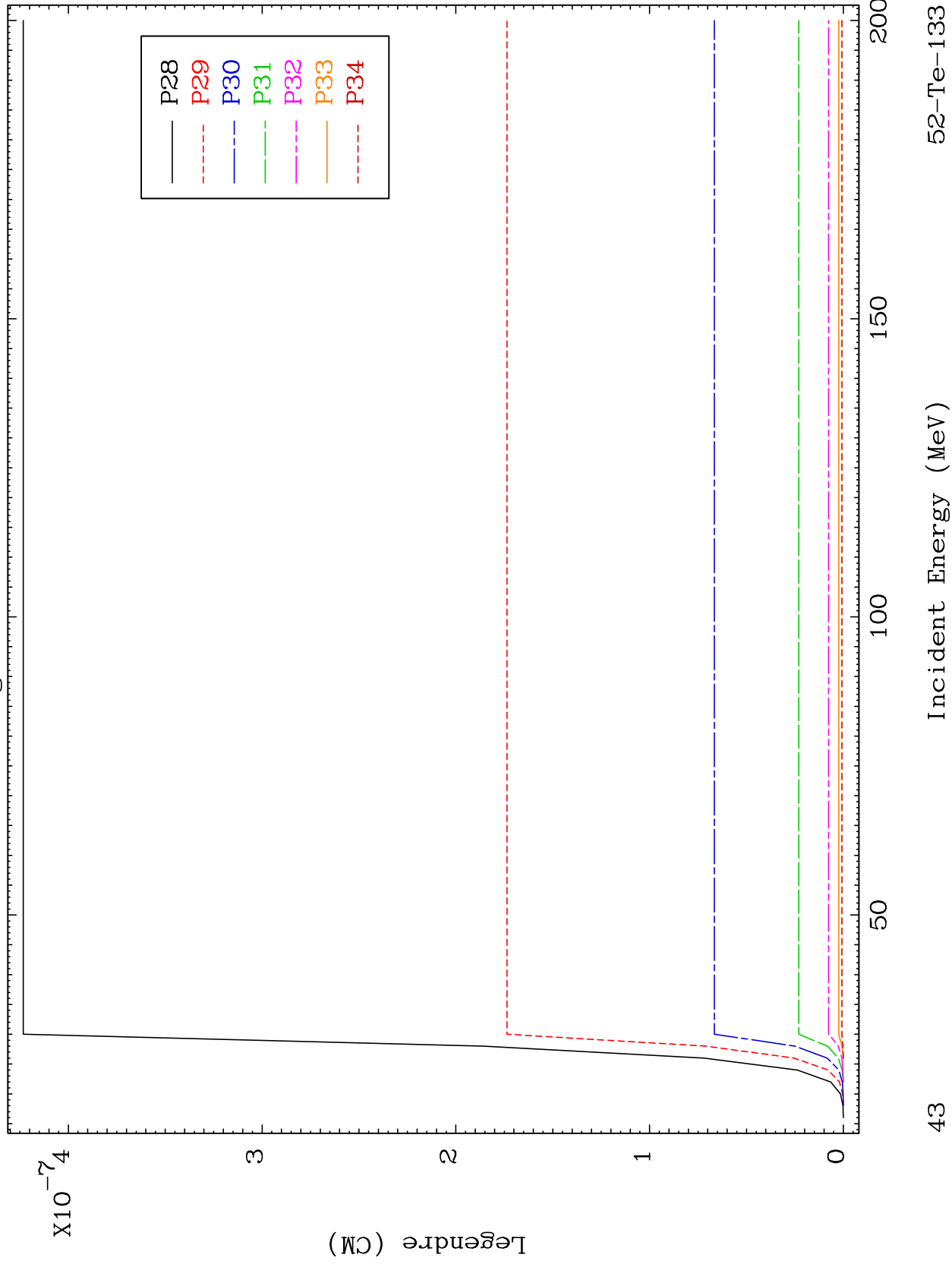
52-Te-133



MAT 5264

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

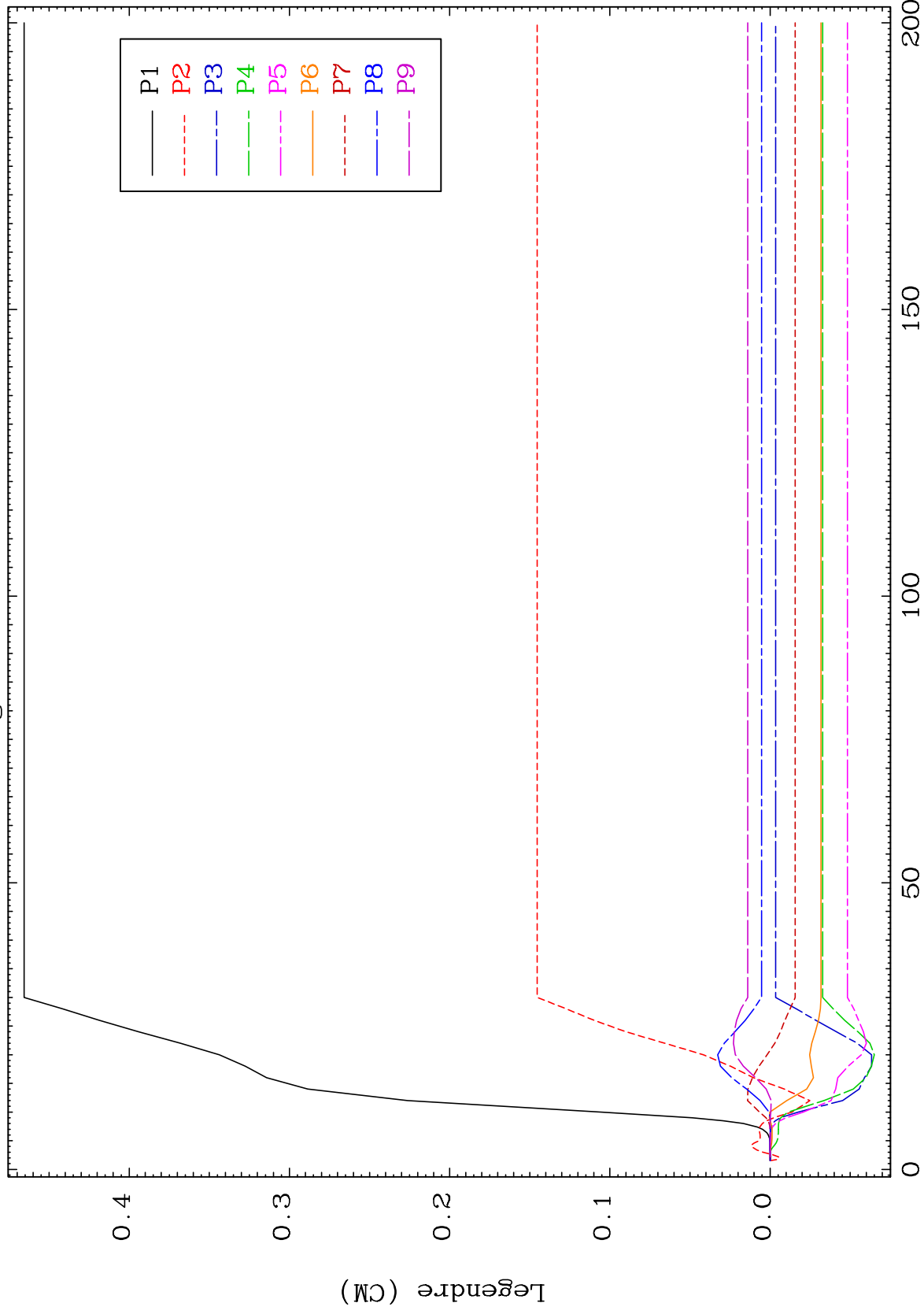
52-Te-133



MAT 5264

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

52-Te-133



44

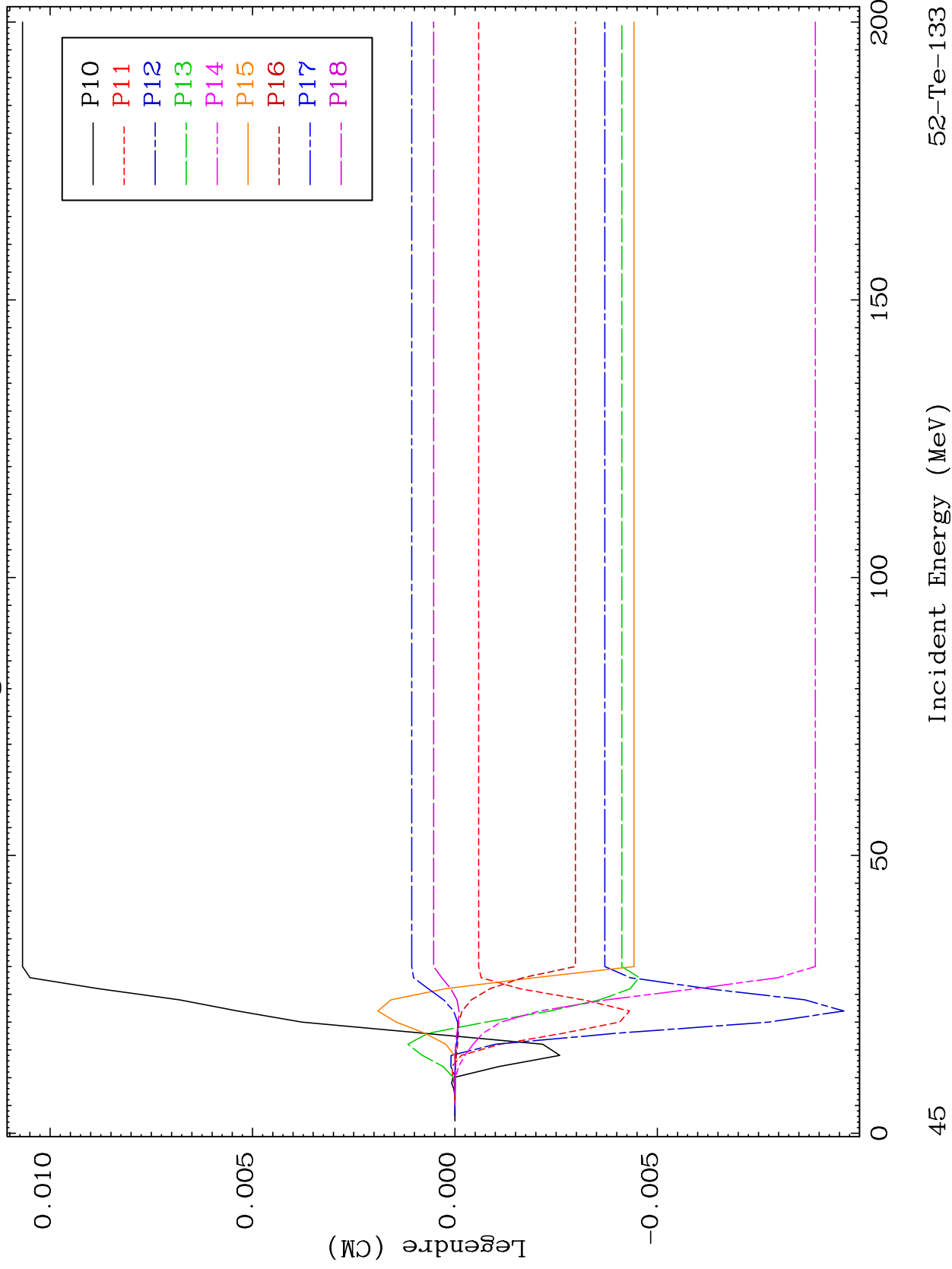
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



52-Te-133

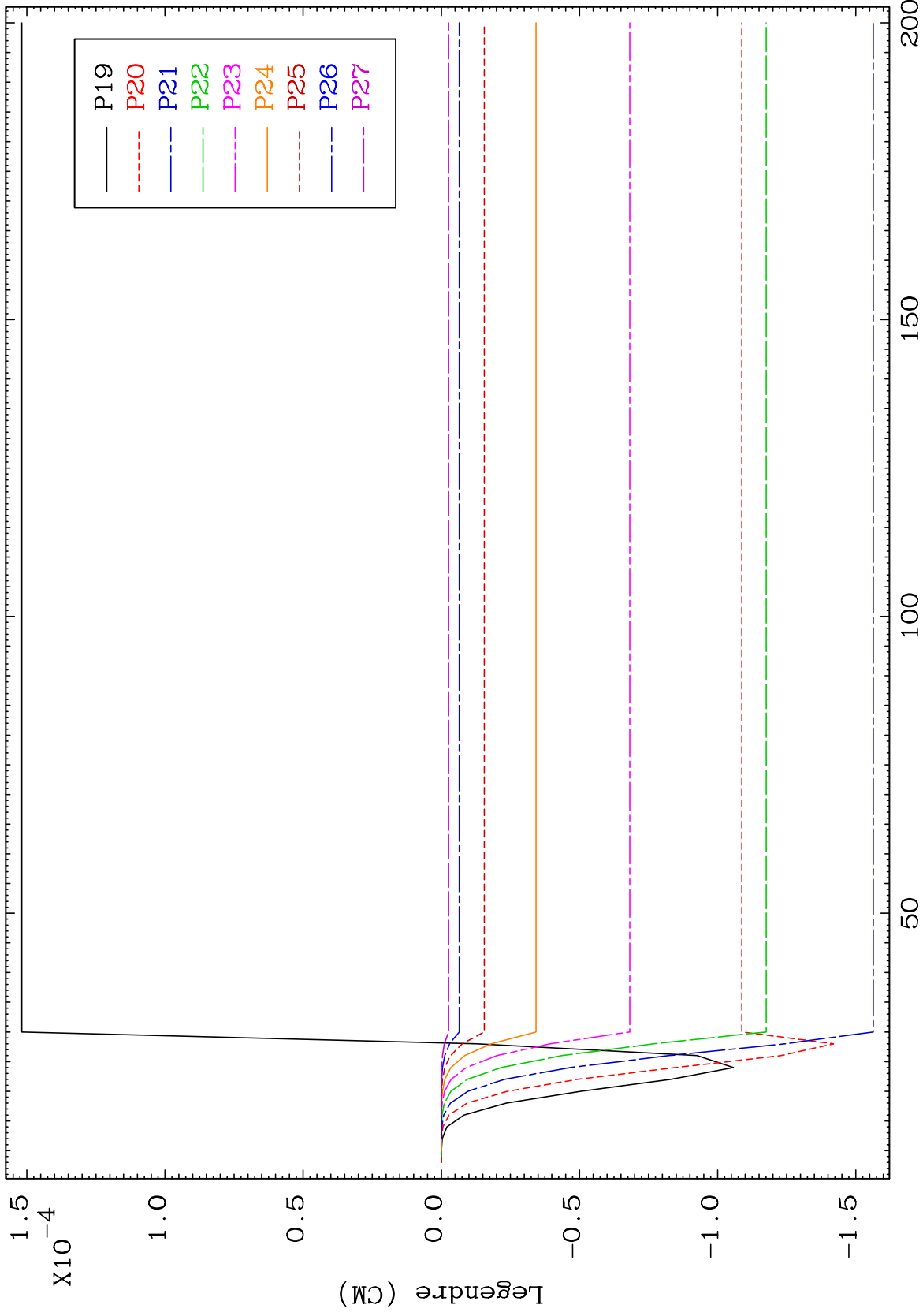
Incident Energy (MeV)

45

MAT 5264

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

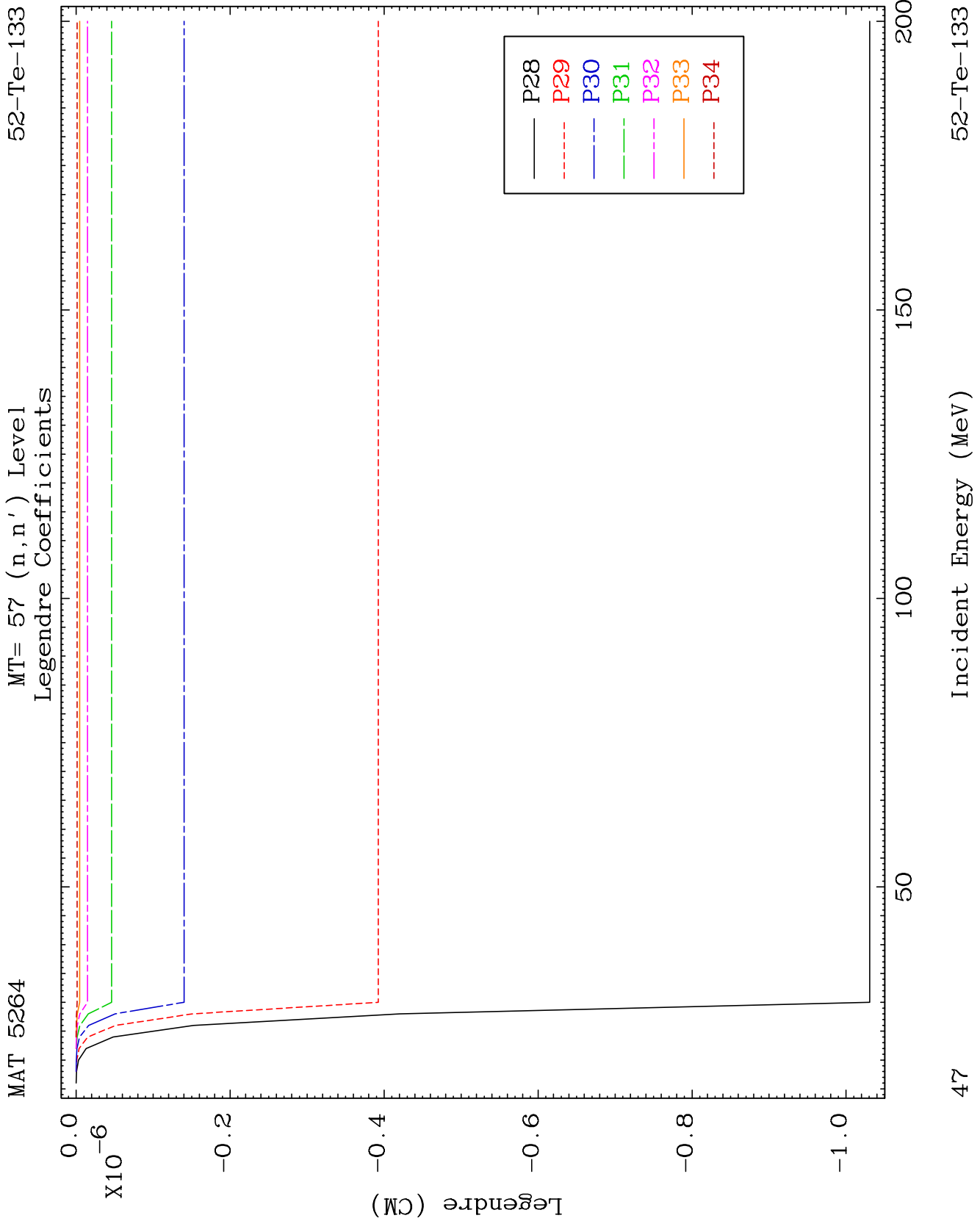
52-Te-133



46

Incident Energy (MeV)

52-Te-133

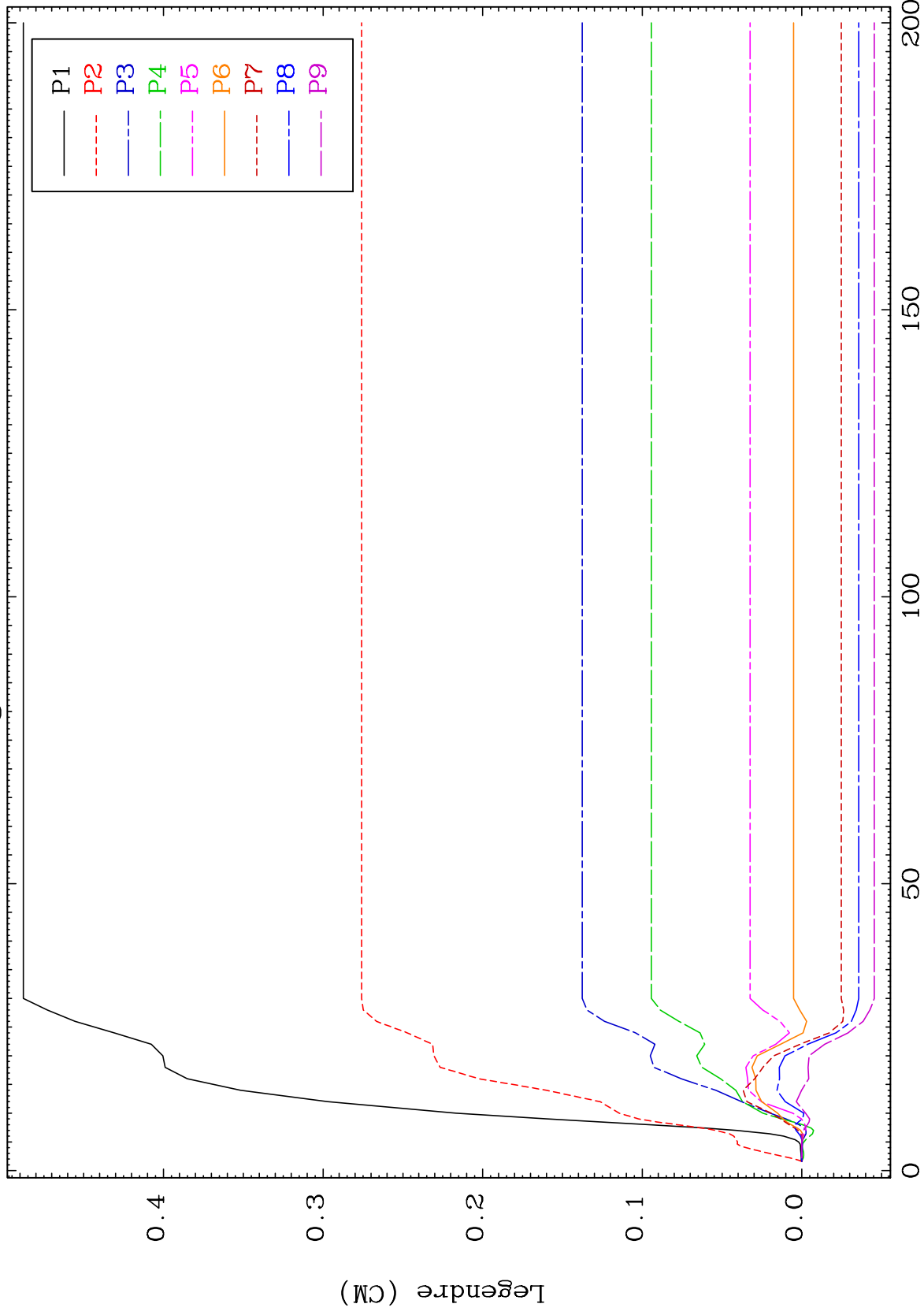




MAT 5264

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

52-Te-133



48

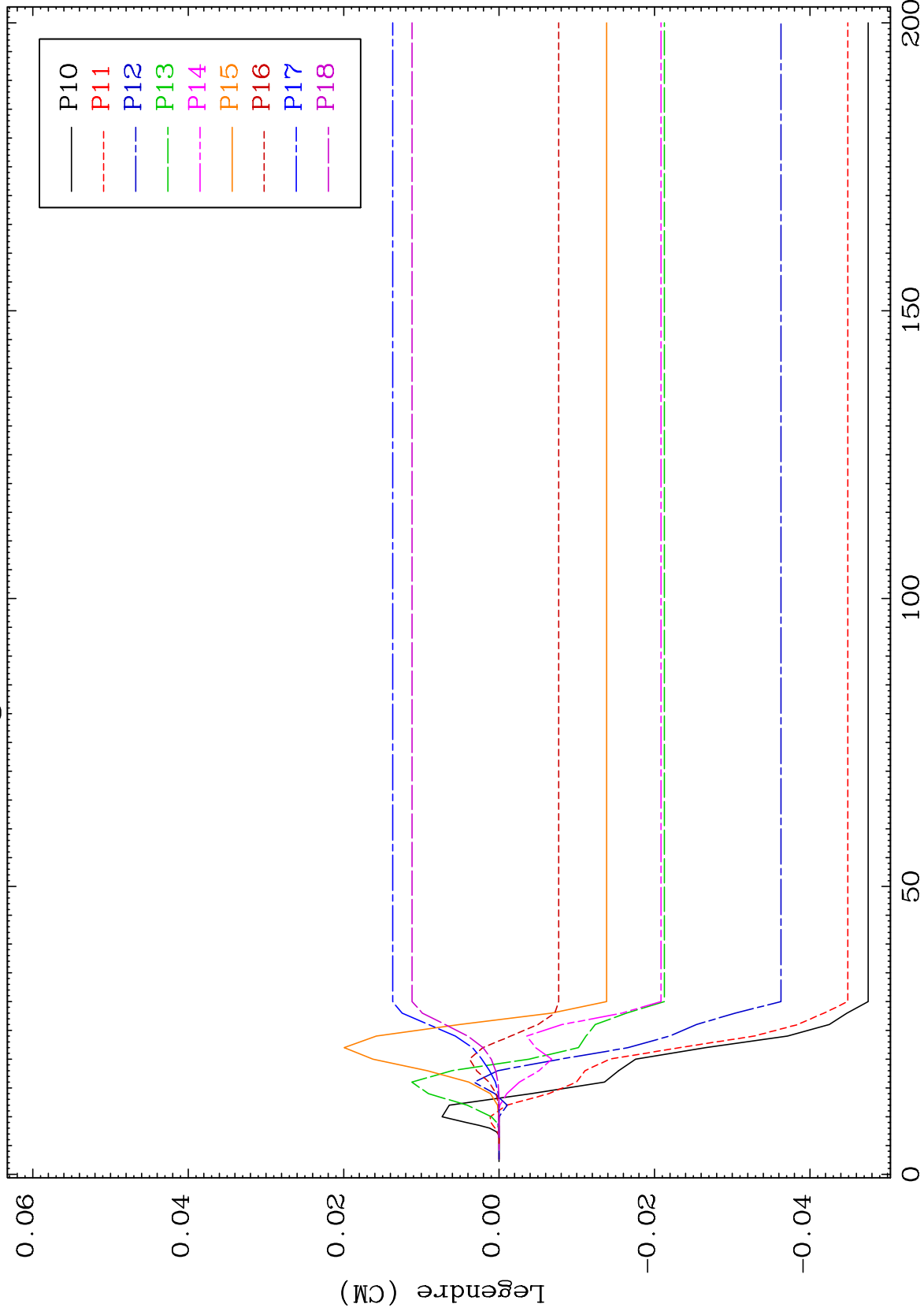
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



49

Incident Energy (MeV)

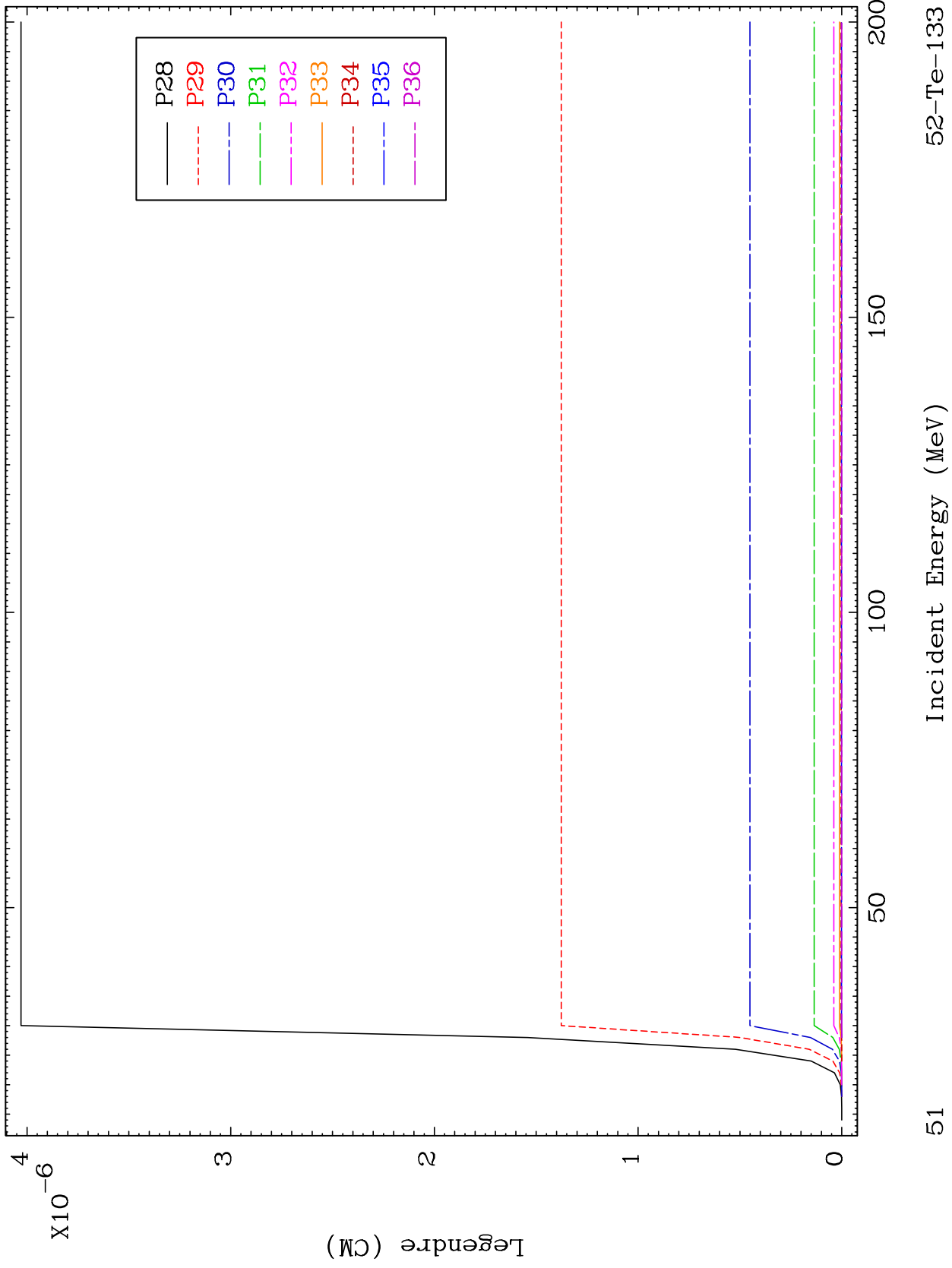
52-Te-133



MAT 5264

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

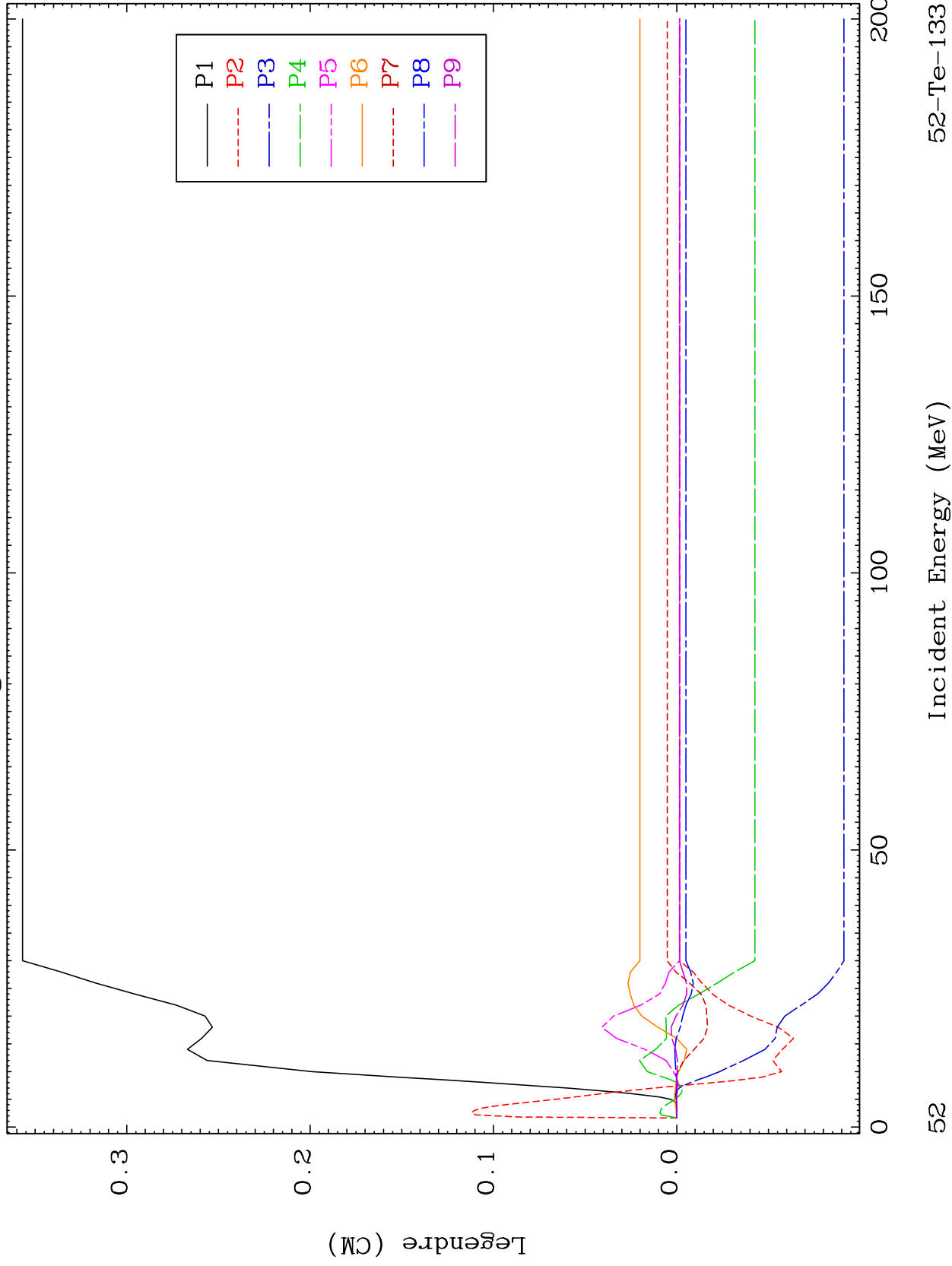
52-Te-133



MAT 5264

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

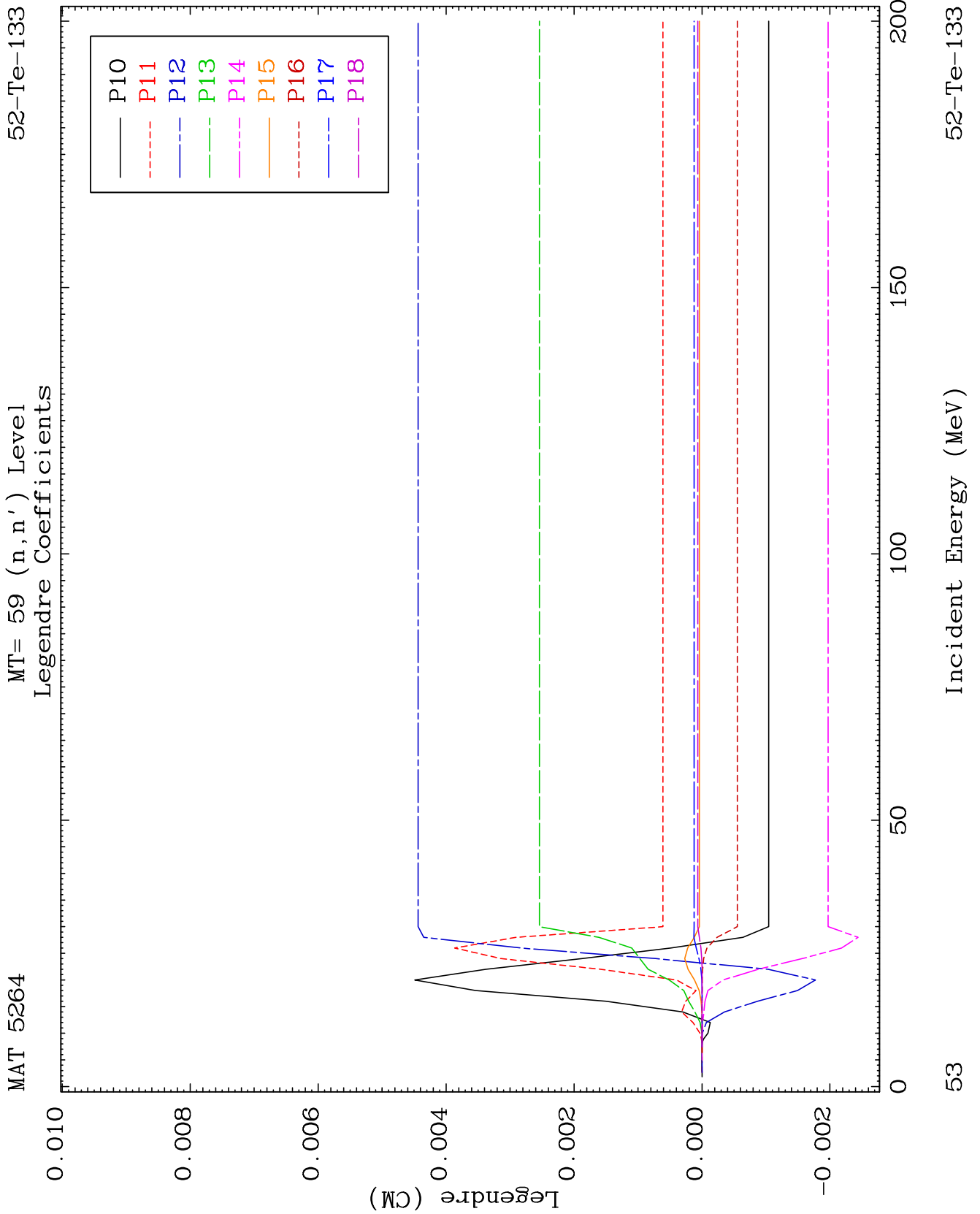
52-Te-133



52-Te-133

Incident Energy (MeV)

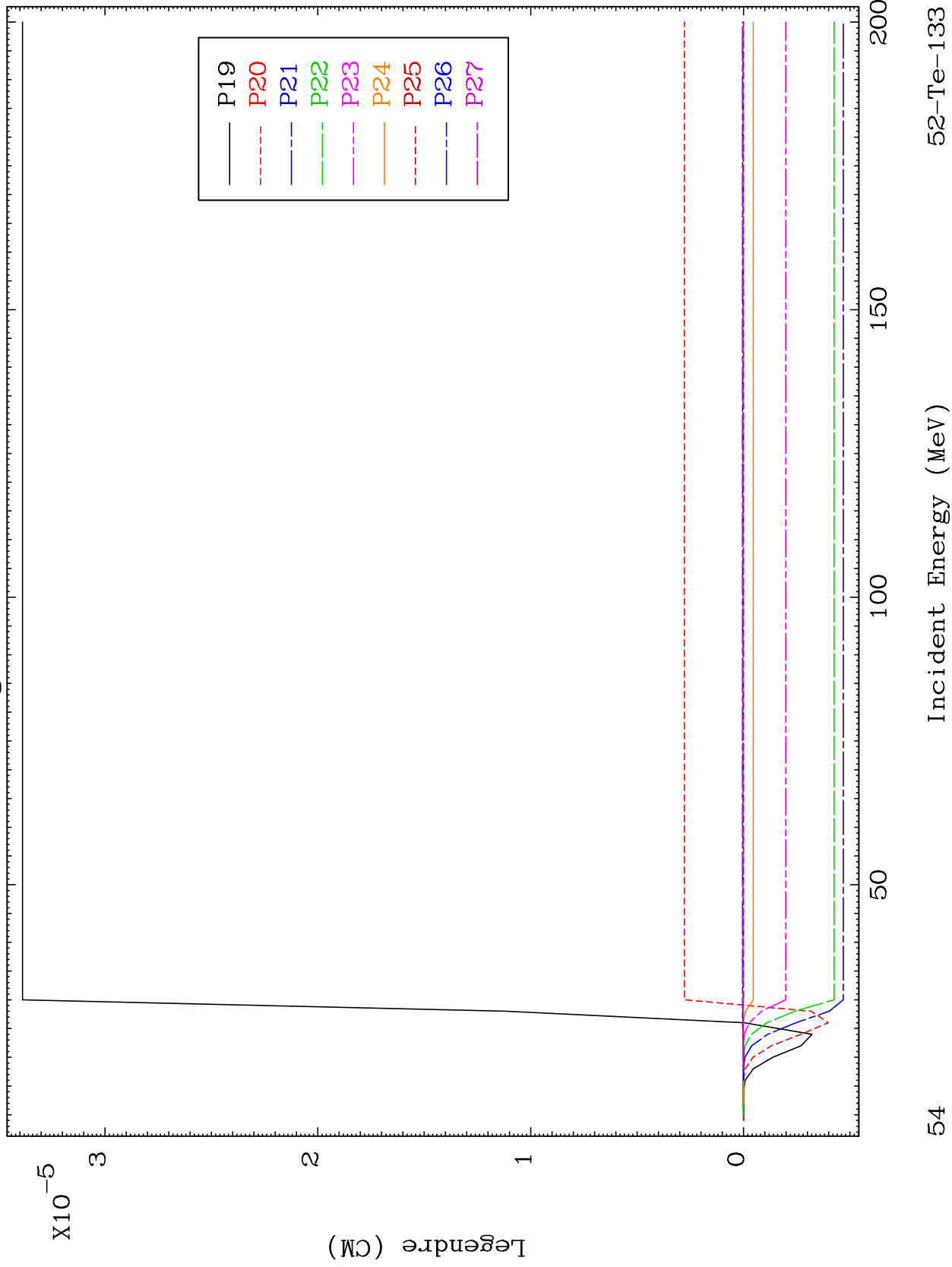
52



MAT 5264

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

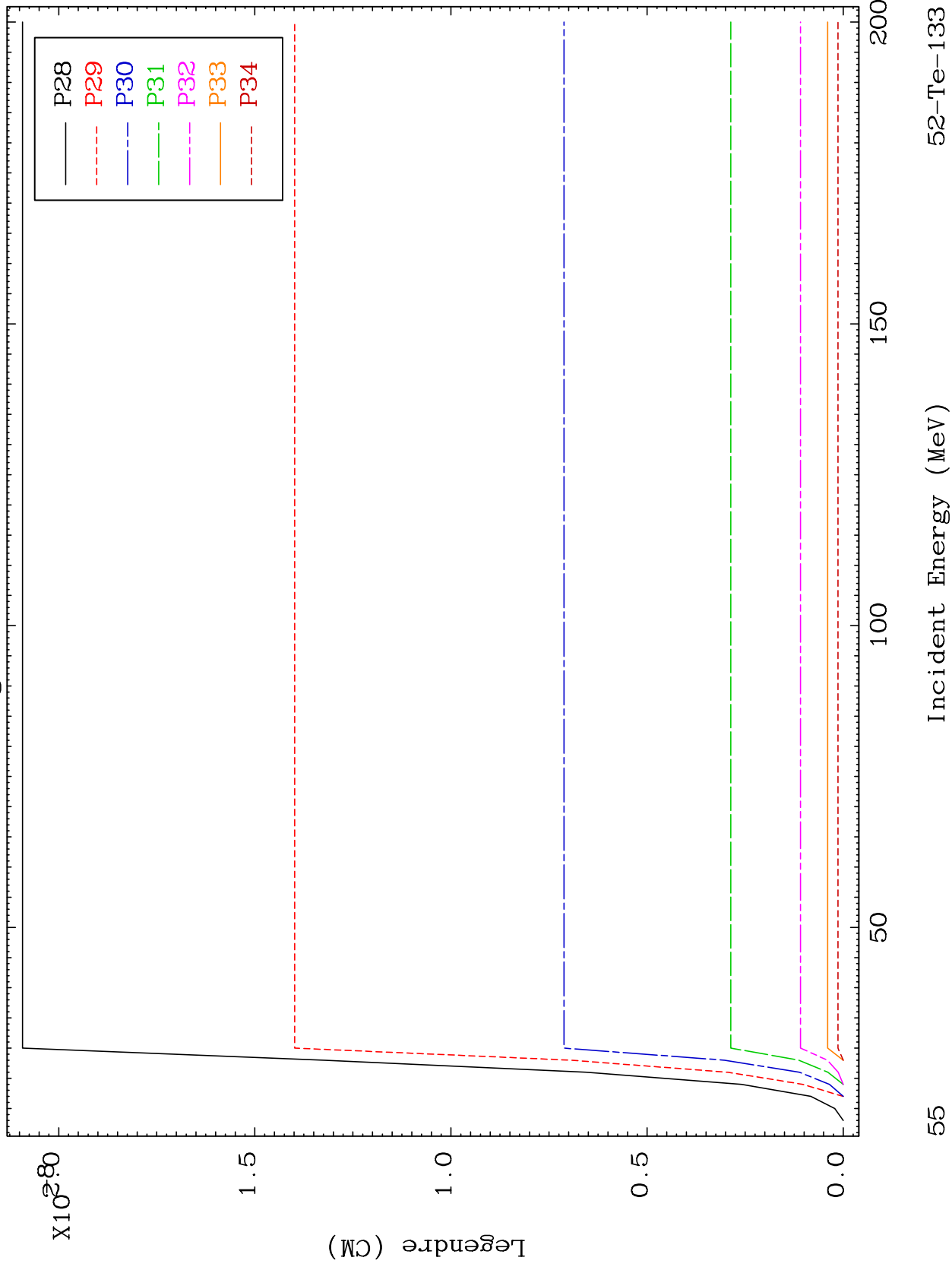
52-Te-133



MAT 5264

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

52-Te-133

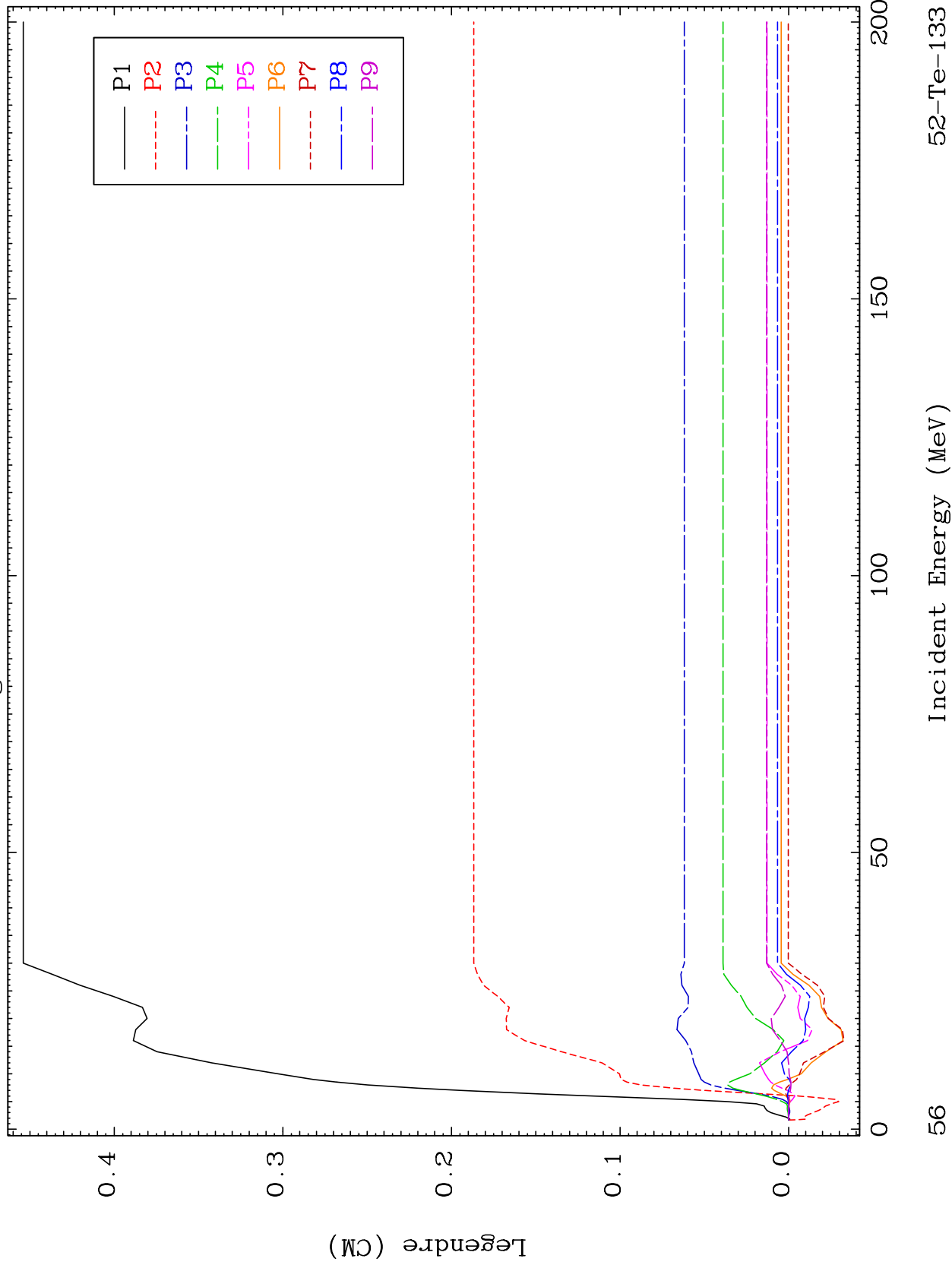




MAT 5264

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

52-Te-133



52-Te-133

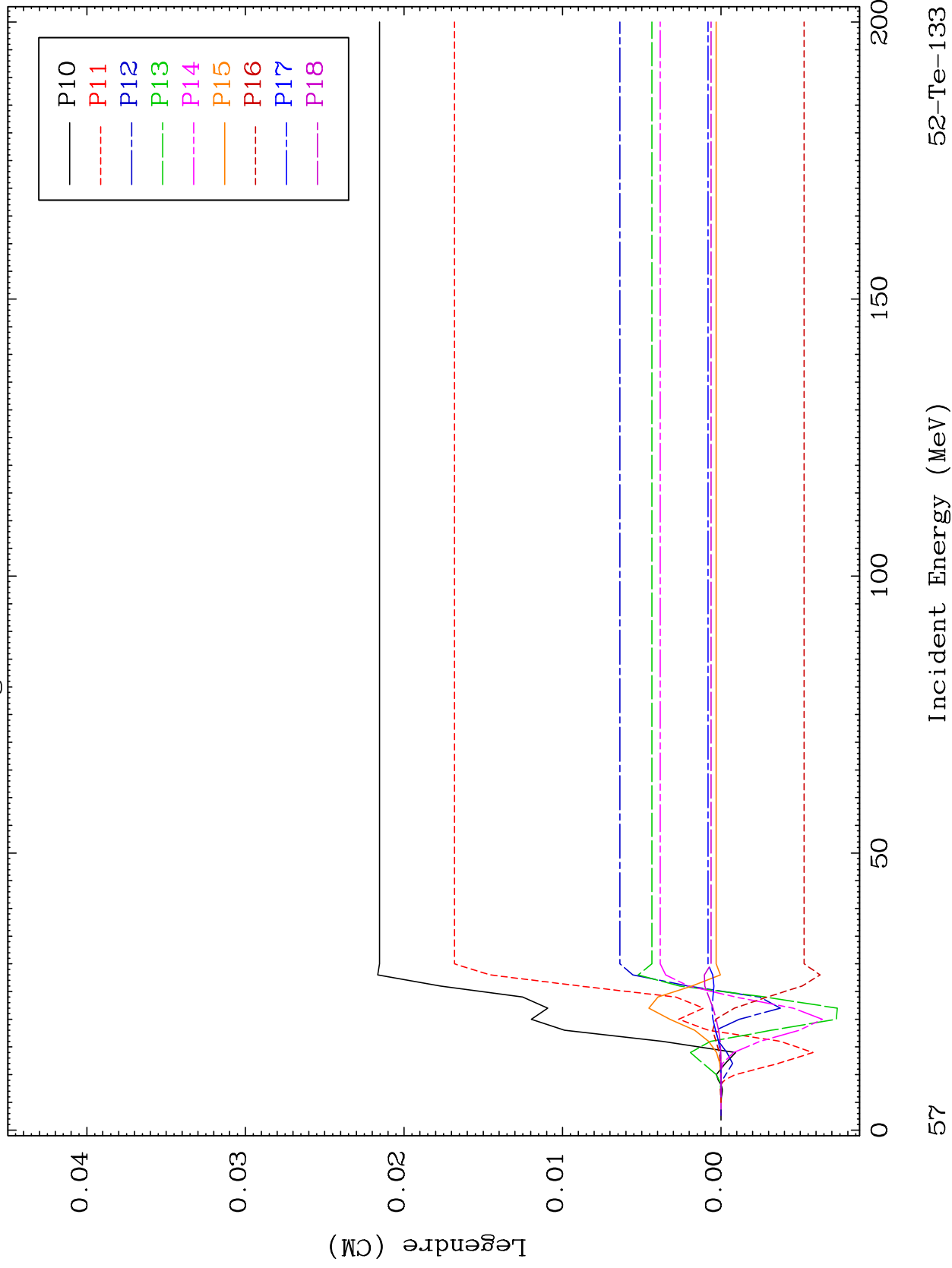
Incident Energy (MeV)

56

MAT 5264

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

52-Te-133



52-Te-133

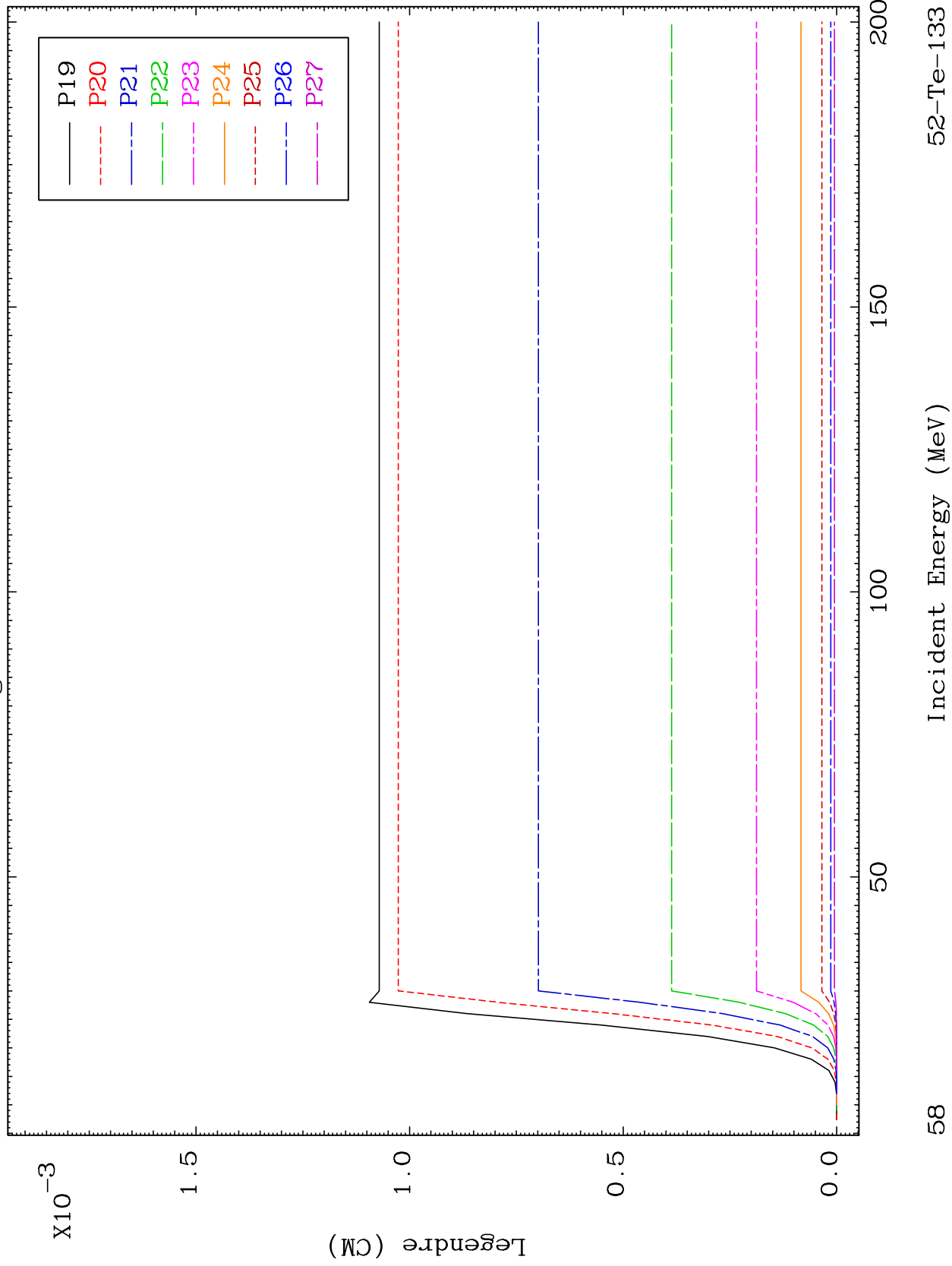
Incident Energy (MeV)

57

MAT 5264

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

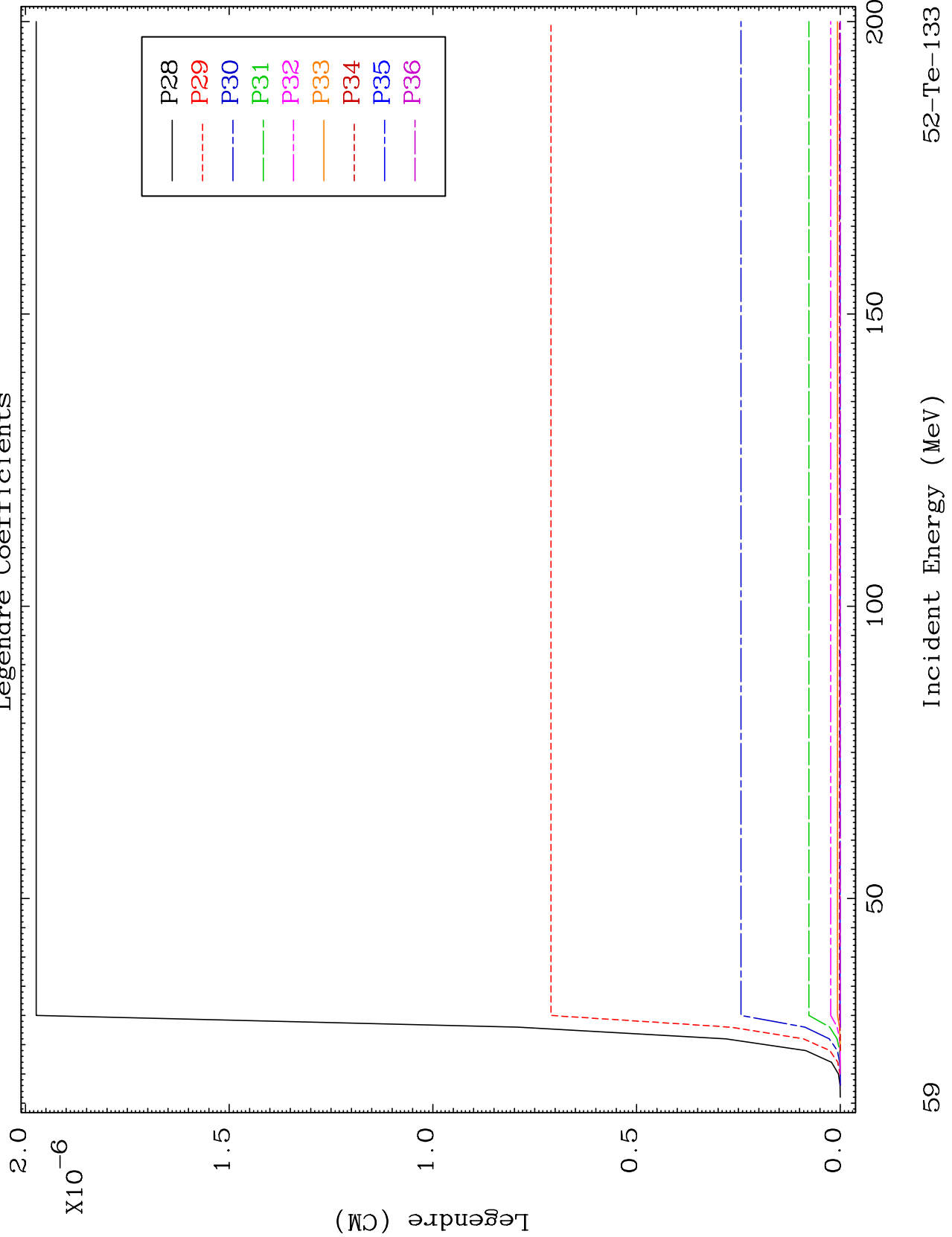
52-Te-133



MAT 5264

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

52-Te-133



52-Te-133

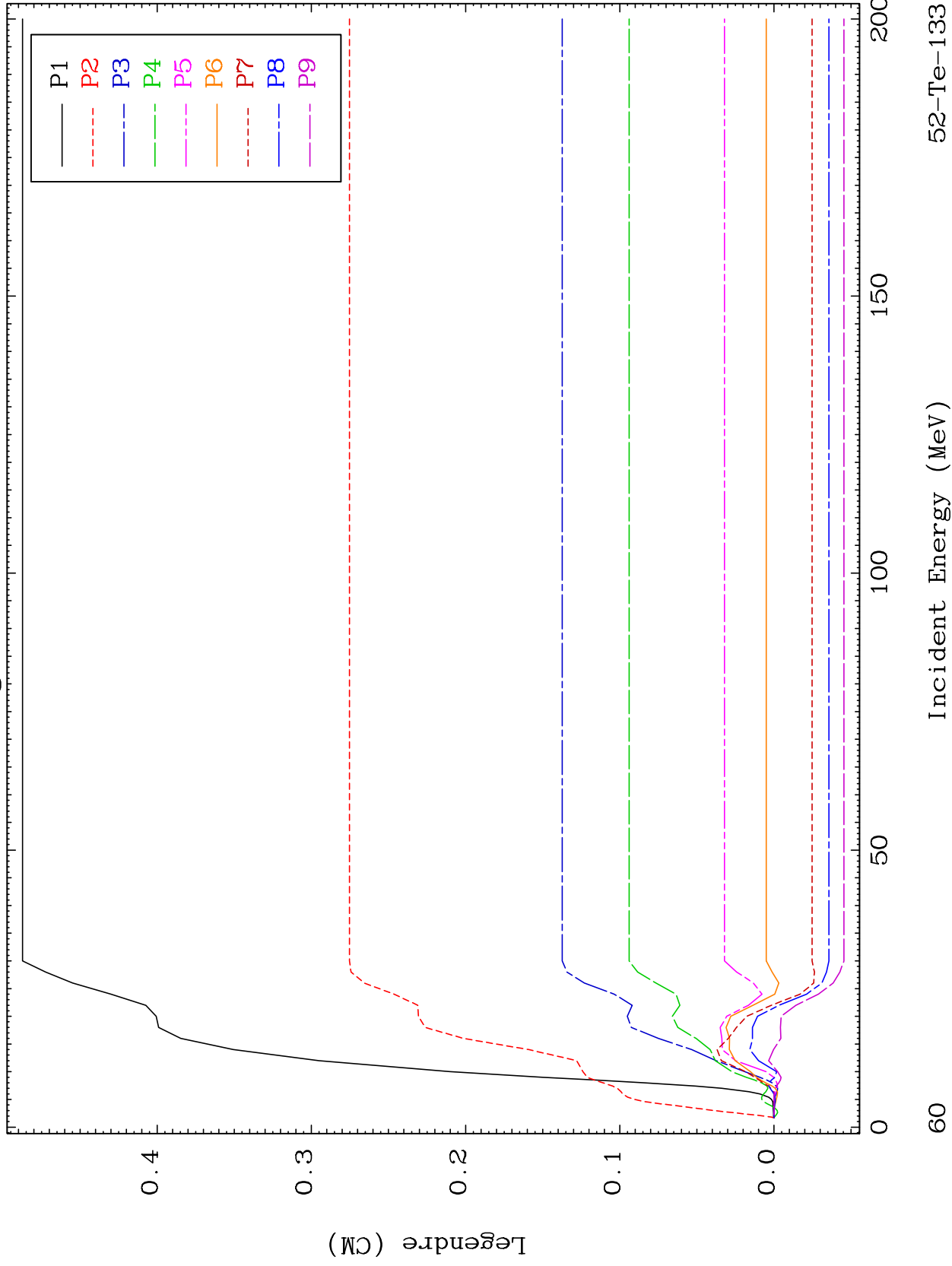
Incident Energy (MeV)

59

MAT 5264

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

52-Te-133



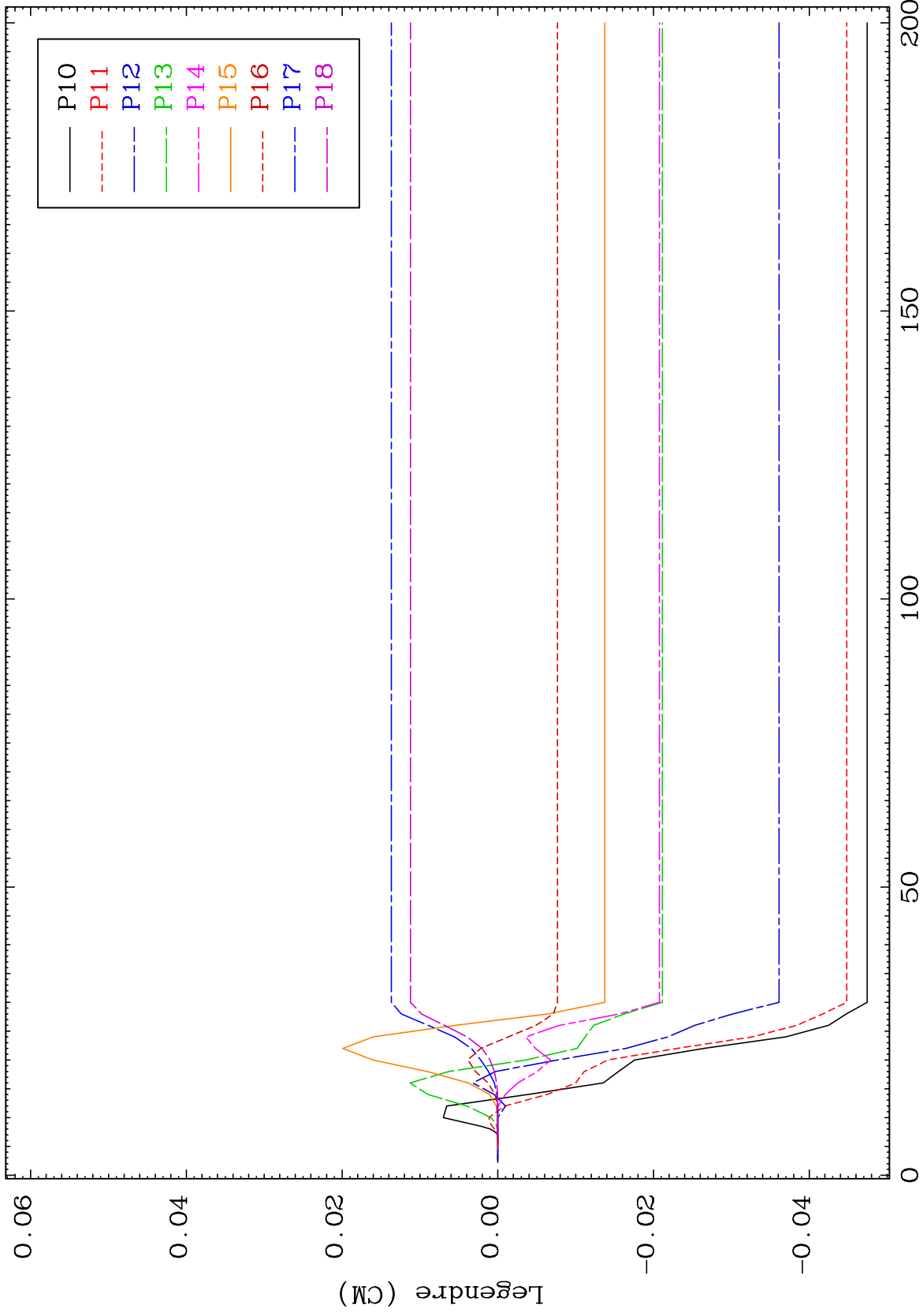
52-Te-133

Incident Energy (MeV)

MAT 5264

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

52-Te-133



61

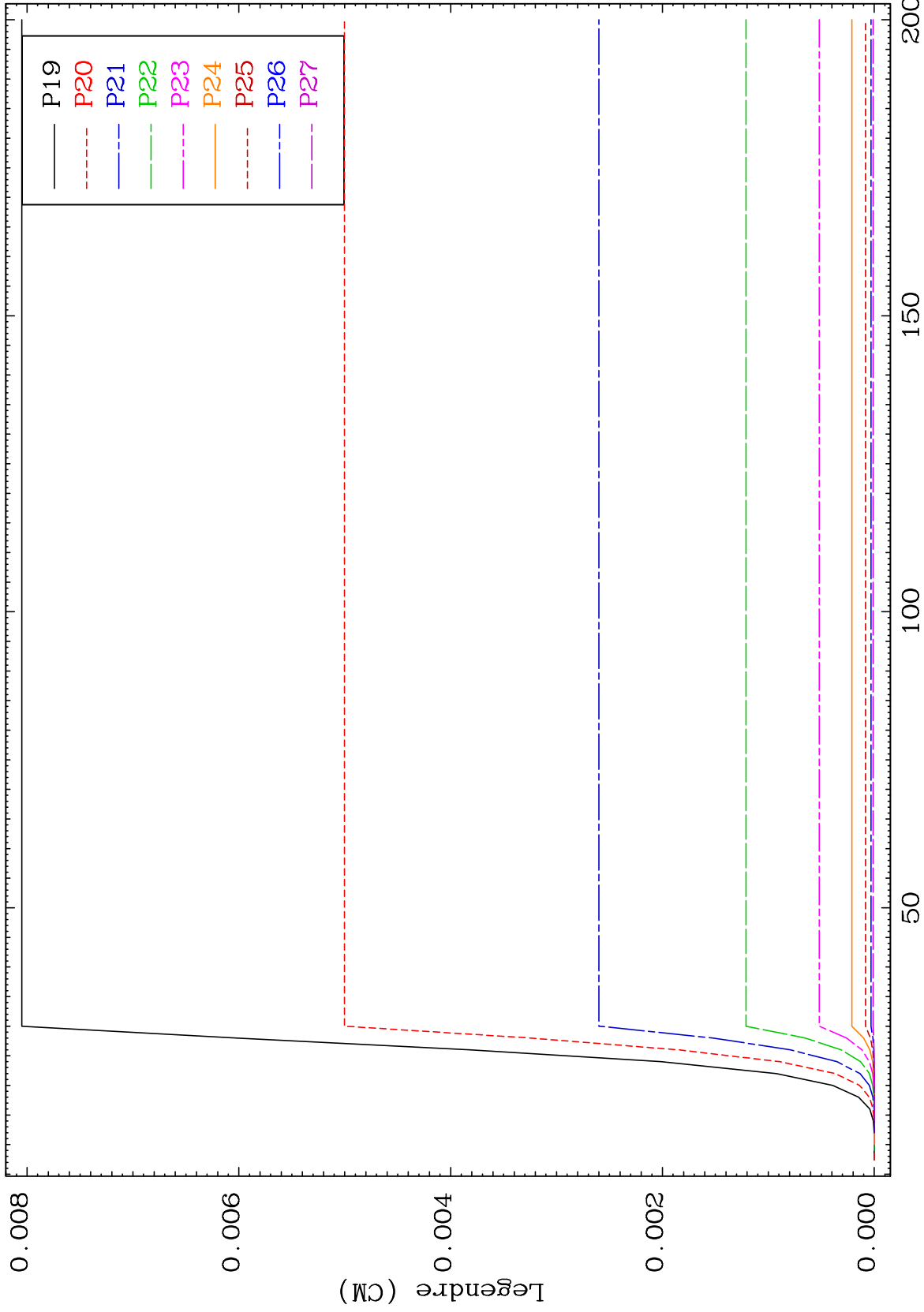
Incident Energy (MeV)

52-Te-133

MAT 5264

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

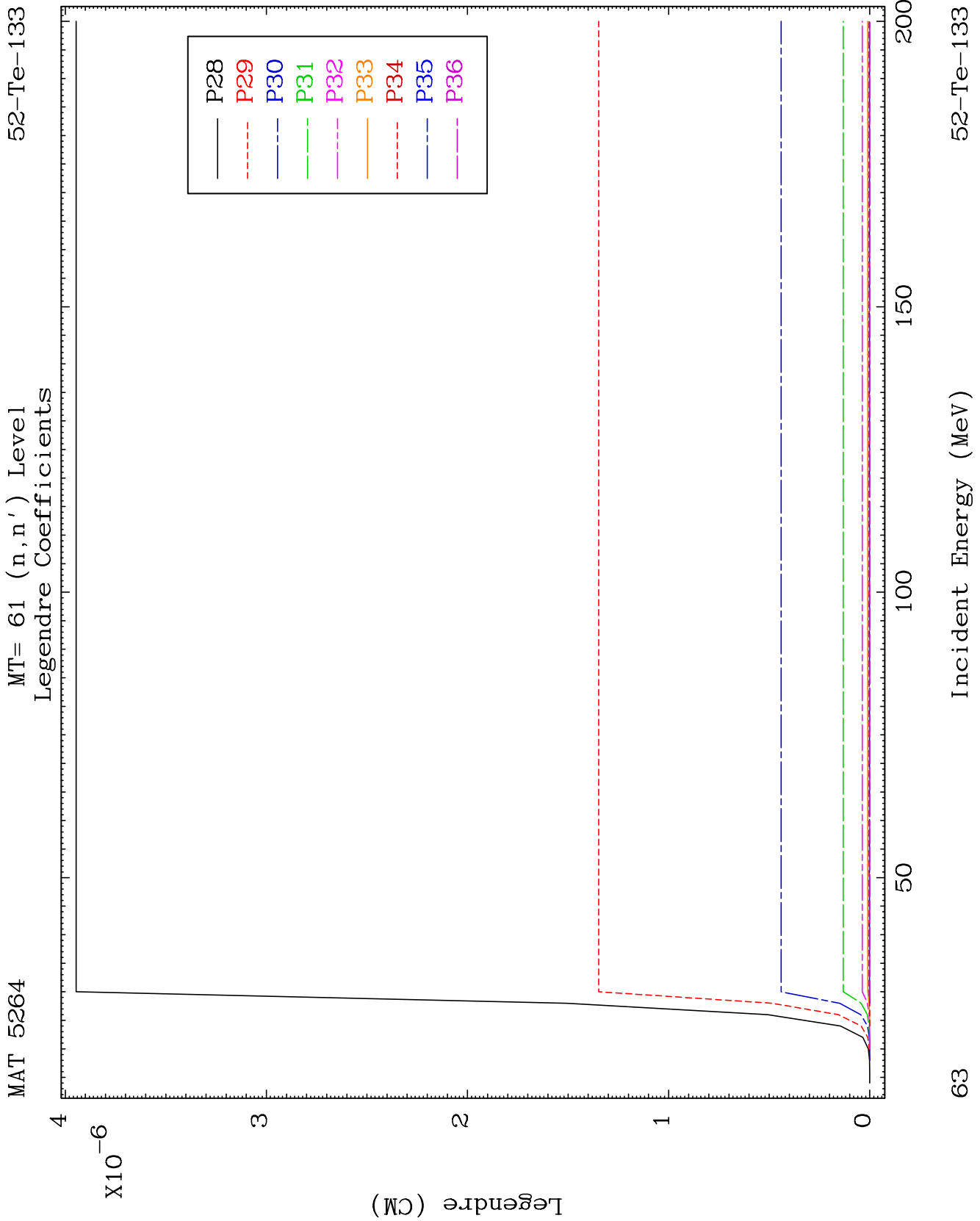
52-Te-133



62

Incident Energy (MeV)

52-Te-133

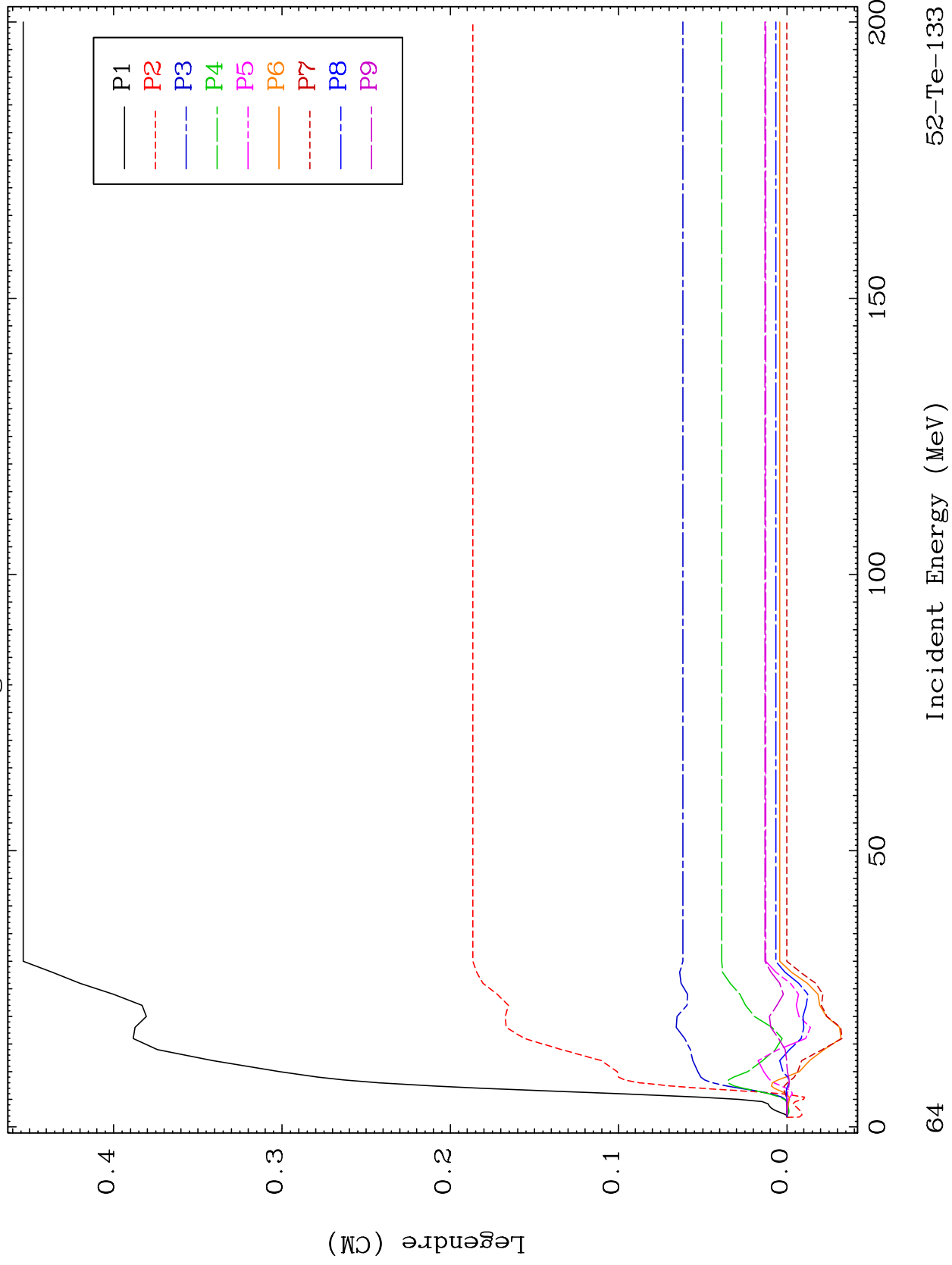




MAT 5264

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

52-Te-133



52-Te-133

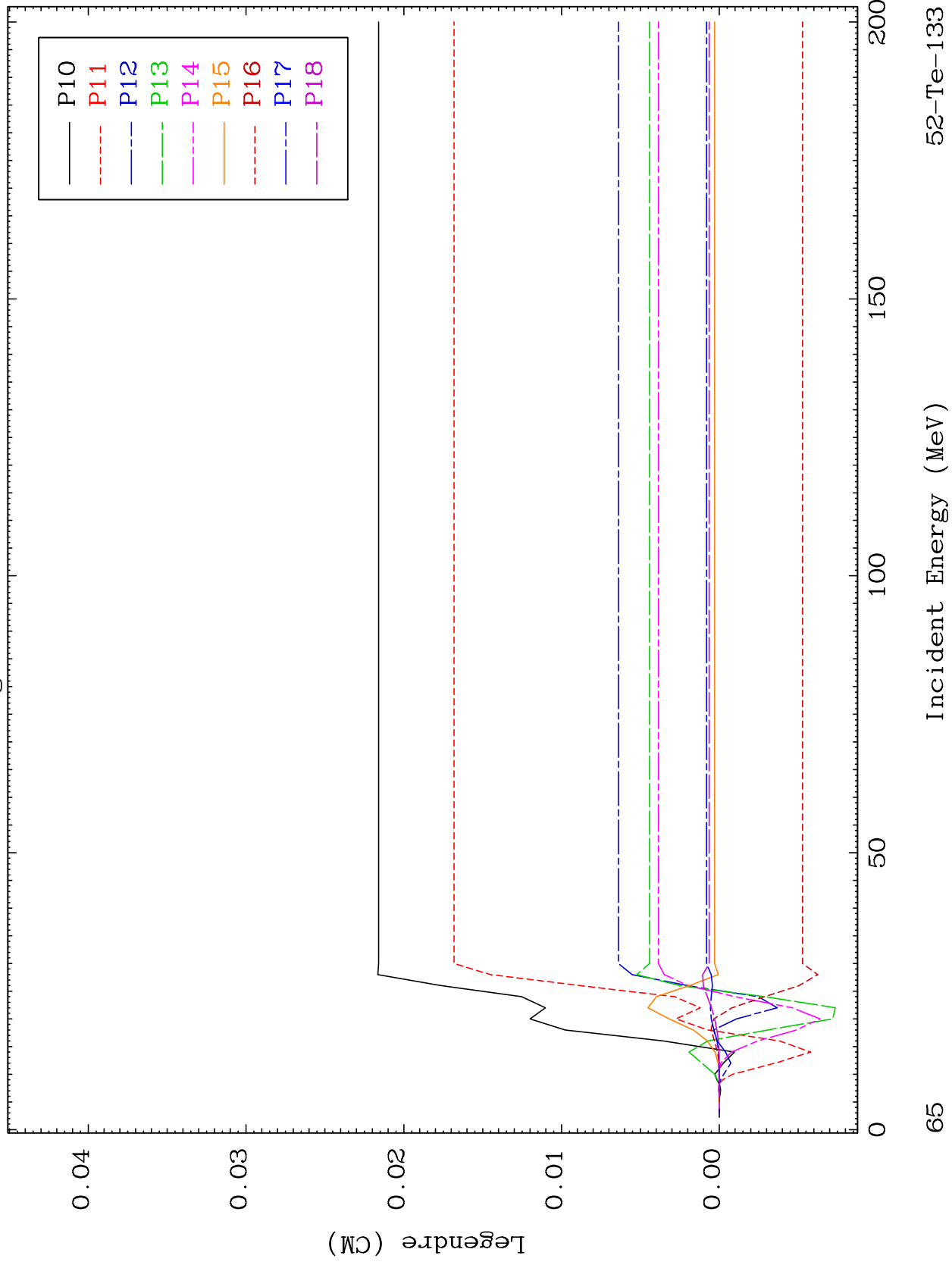
Incident Energy (MeV)

64

MAT 5264

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

52-Te-133



52-Te-133

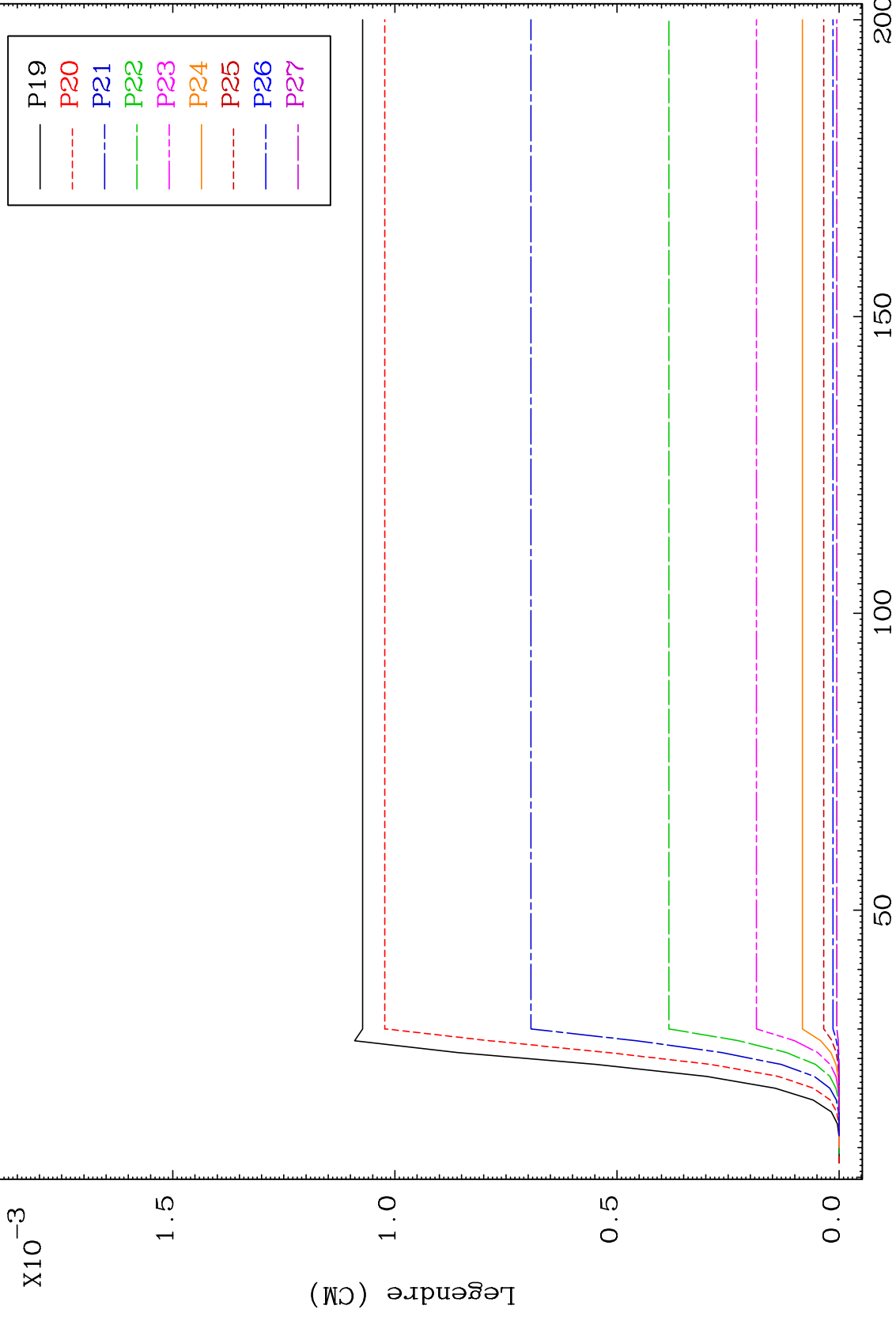
Incident Energy (MeV)

65

MAT 5264

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

52-Te-133



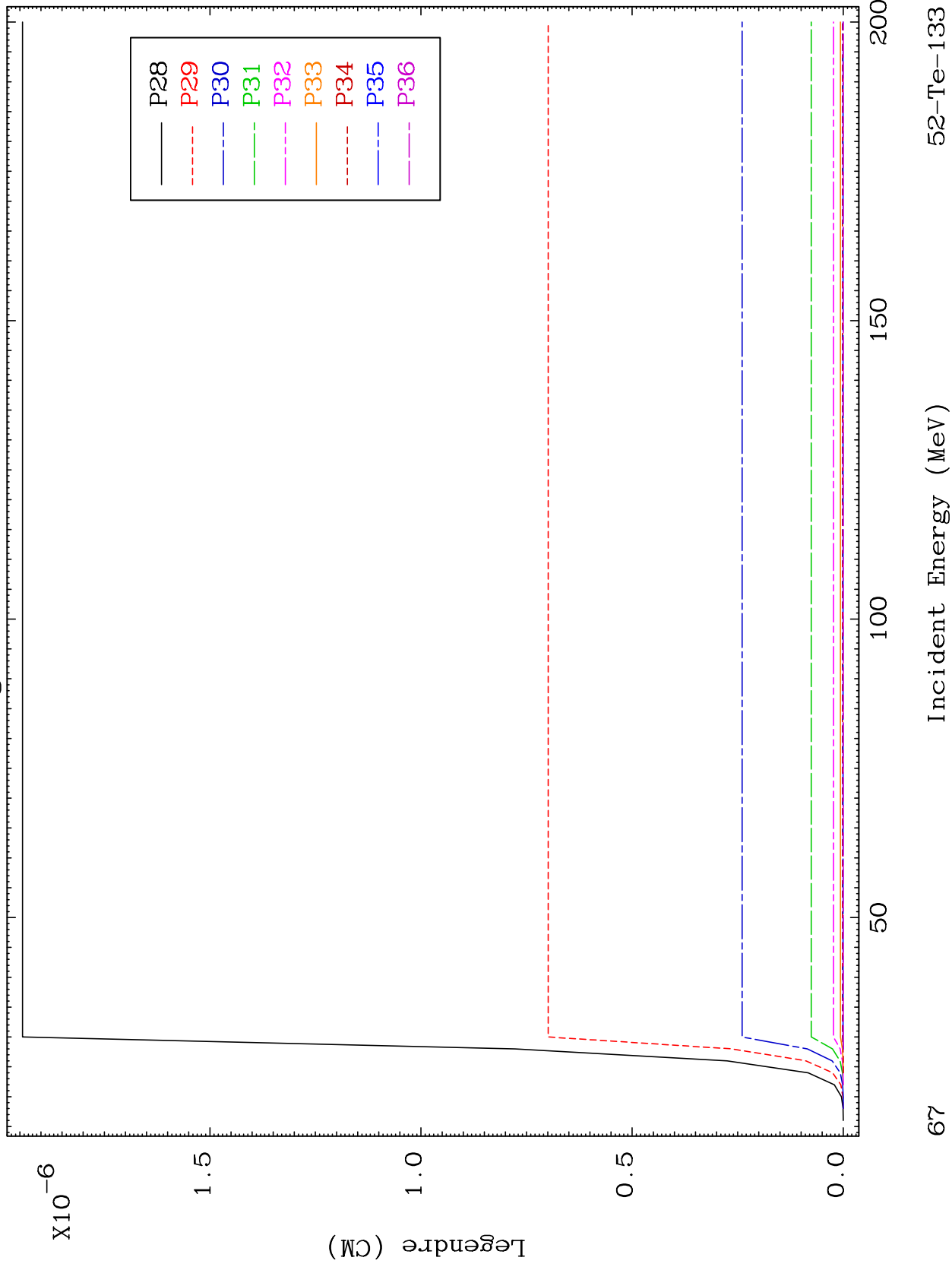
66

52-Te-133

MAT 5264

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

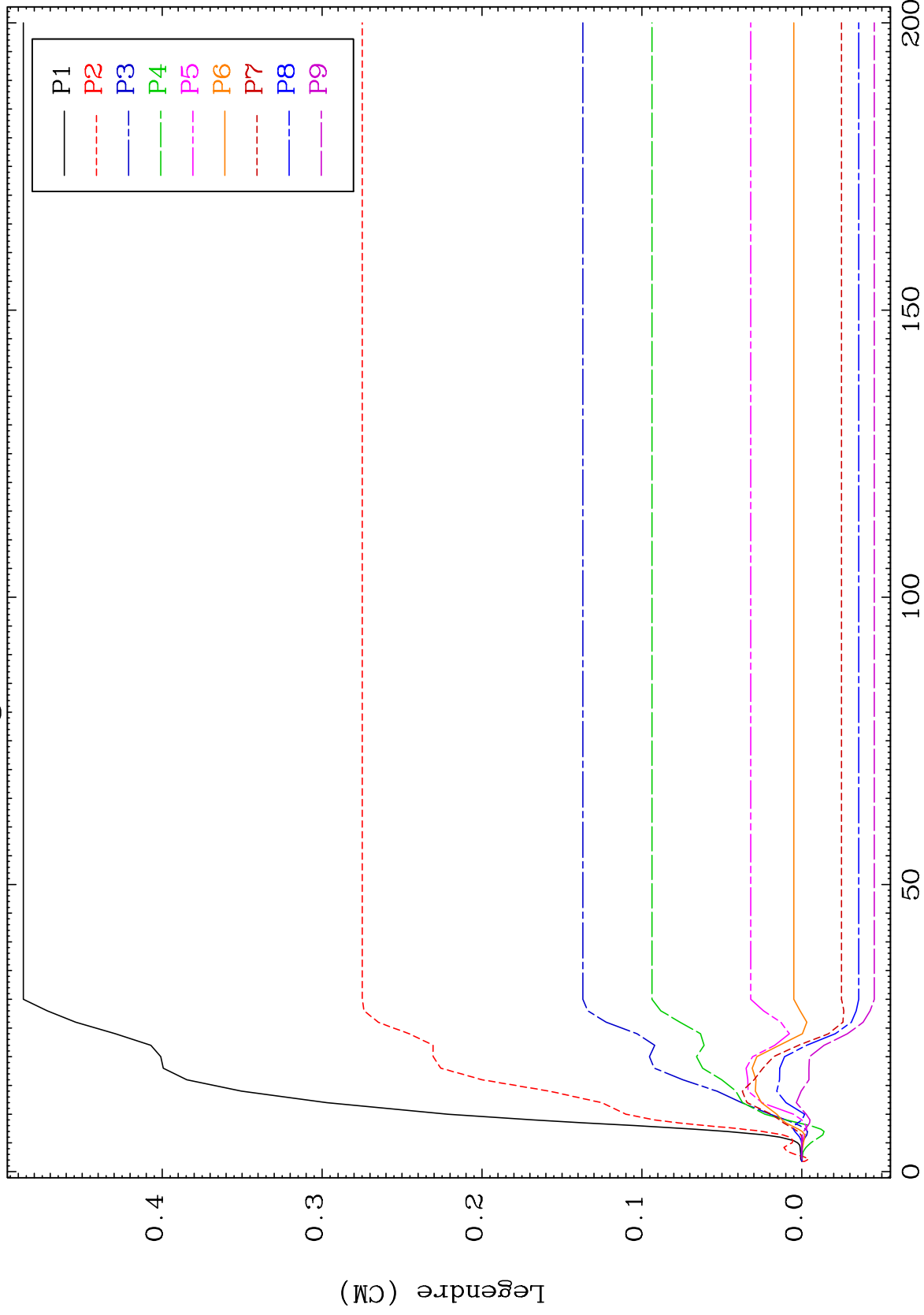
52-Te-133



MAT 5264

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

52-Te-133



68

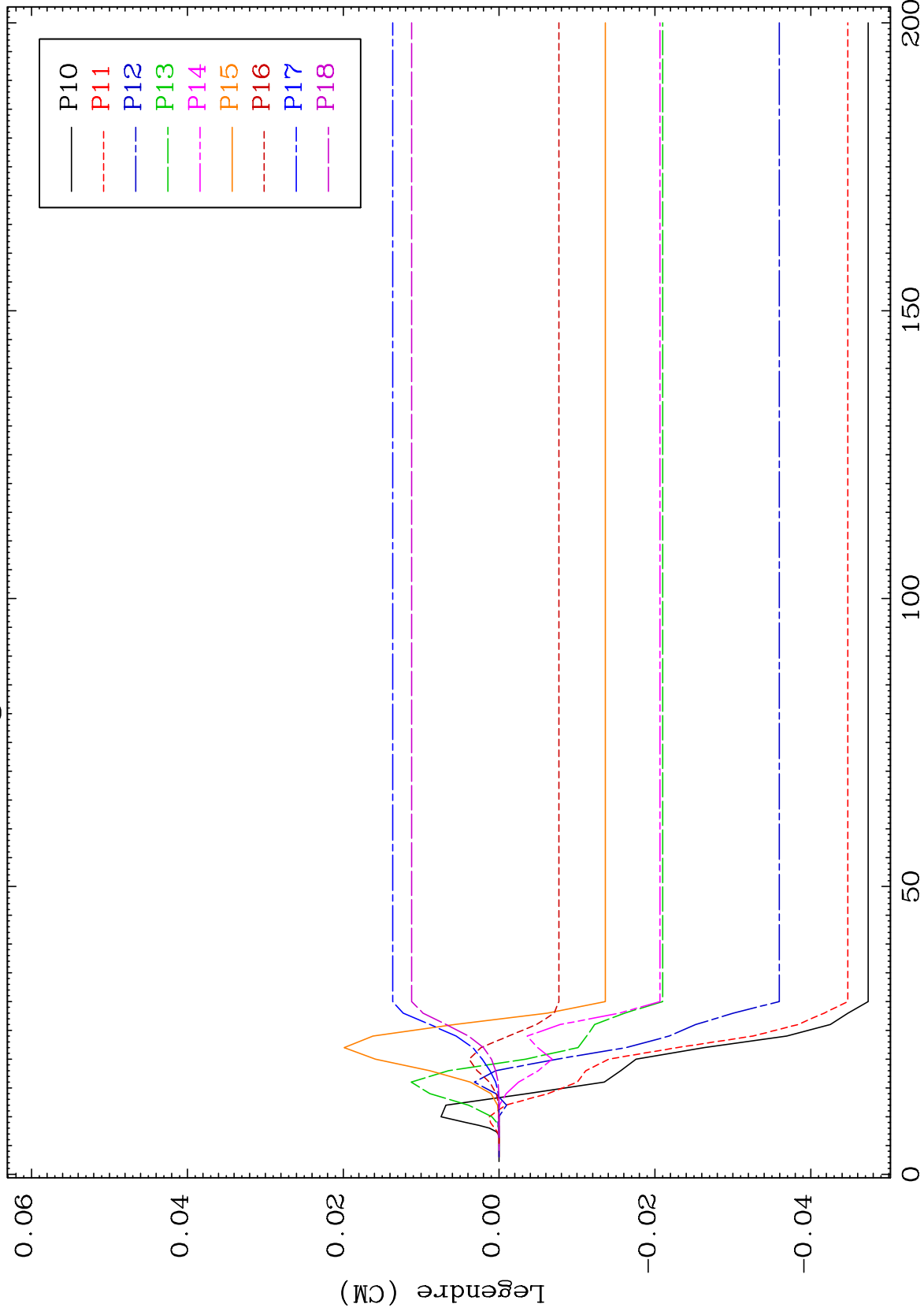
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



69

Incident Energy (MeV)

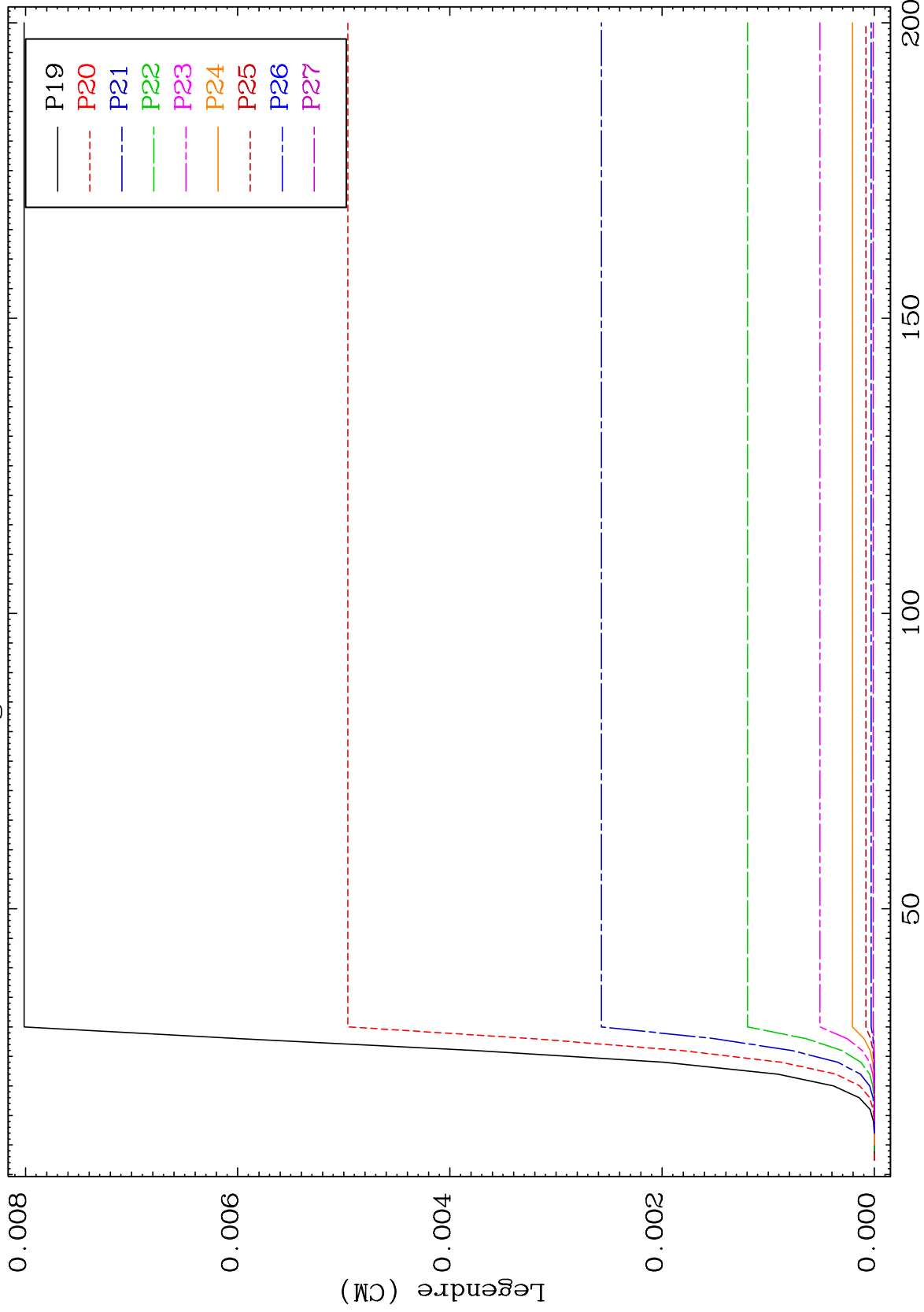
52-Te-133

MAT 5264

MT= 63 (n,n') Level

52-Te-133

Legendre Coefficients



70

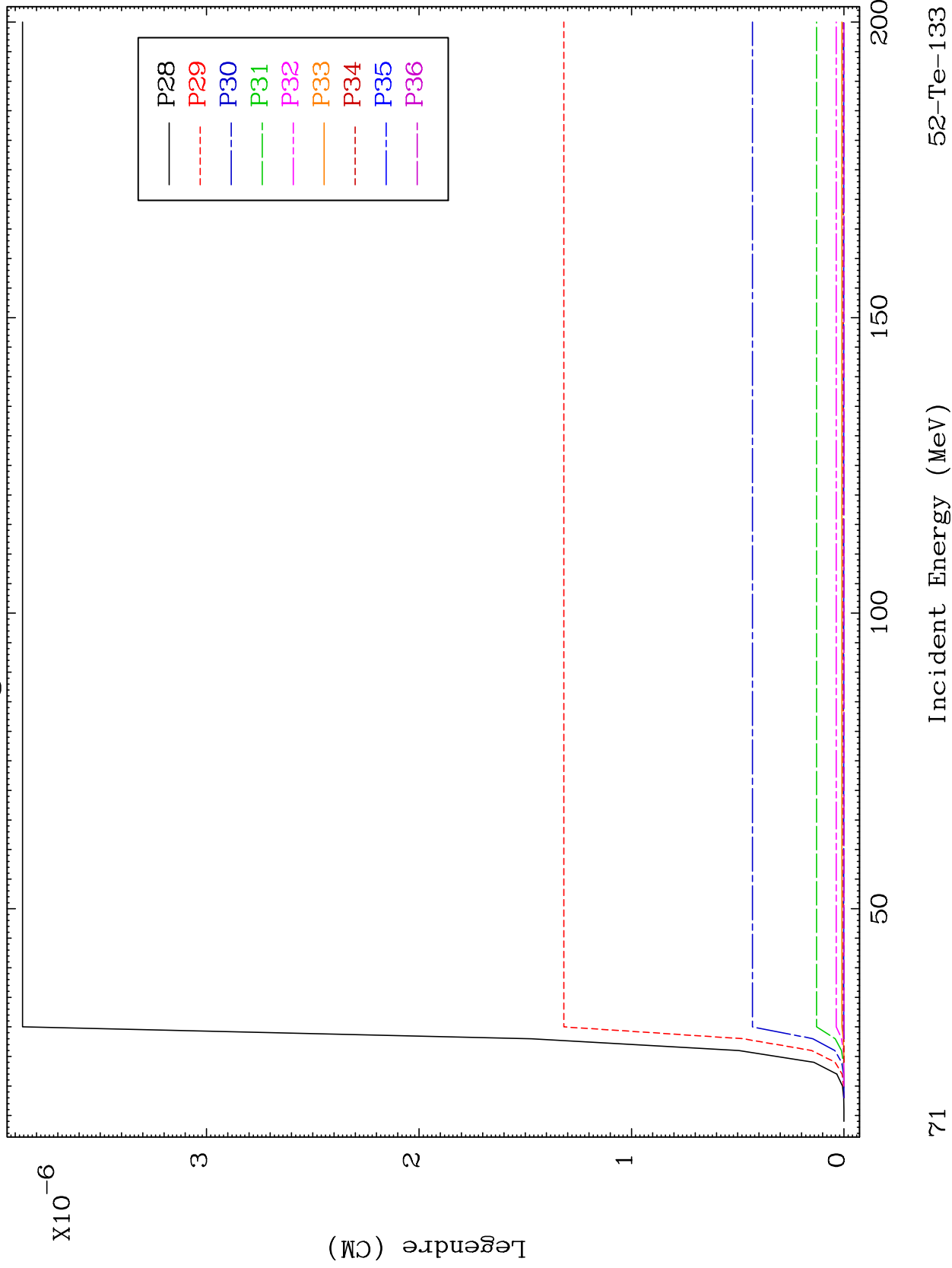
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133

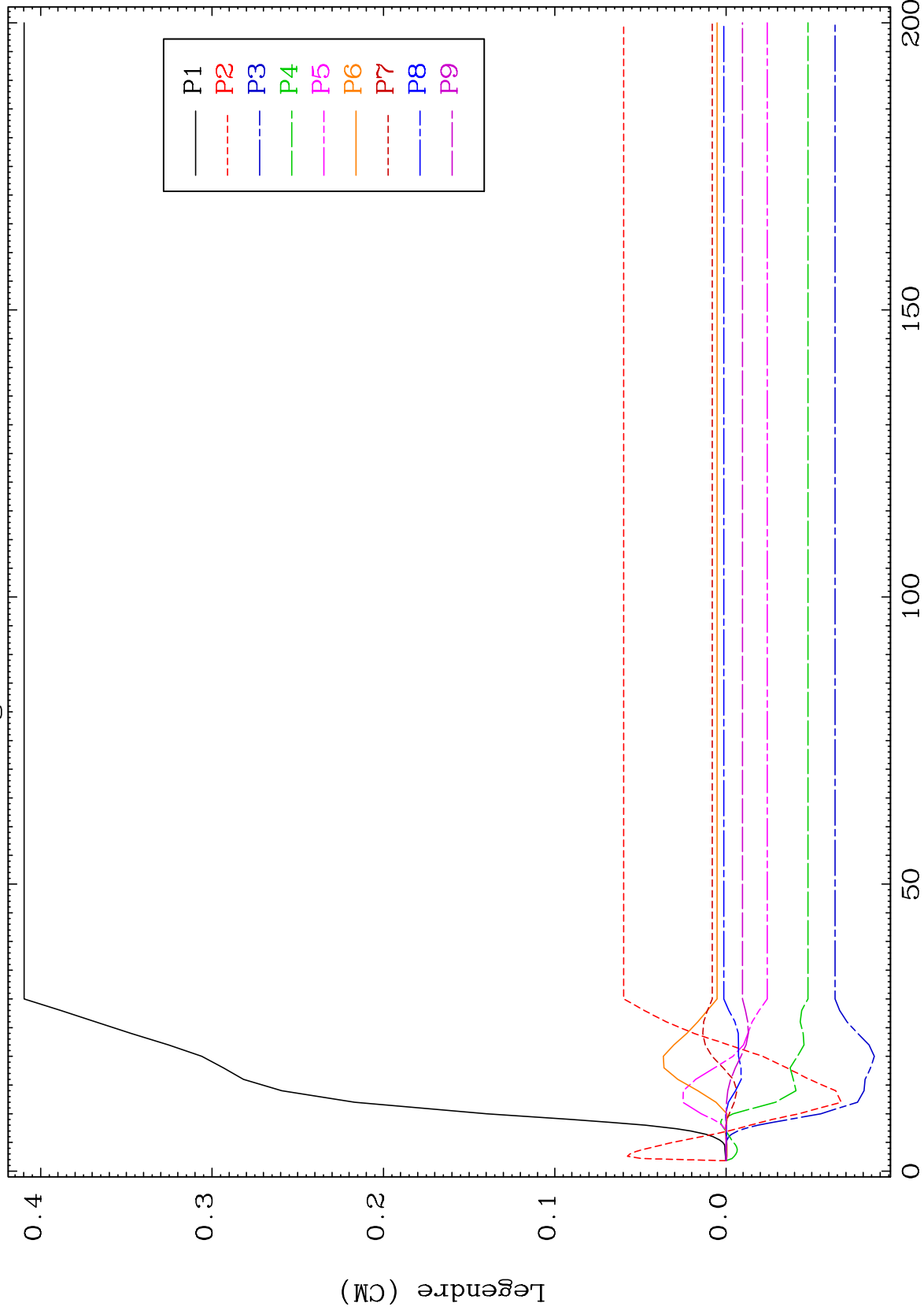




MAT 5264

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

52-Te-133



72

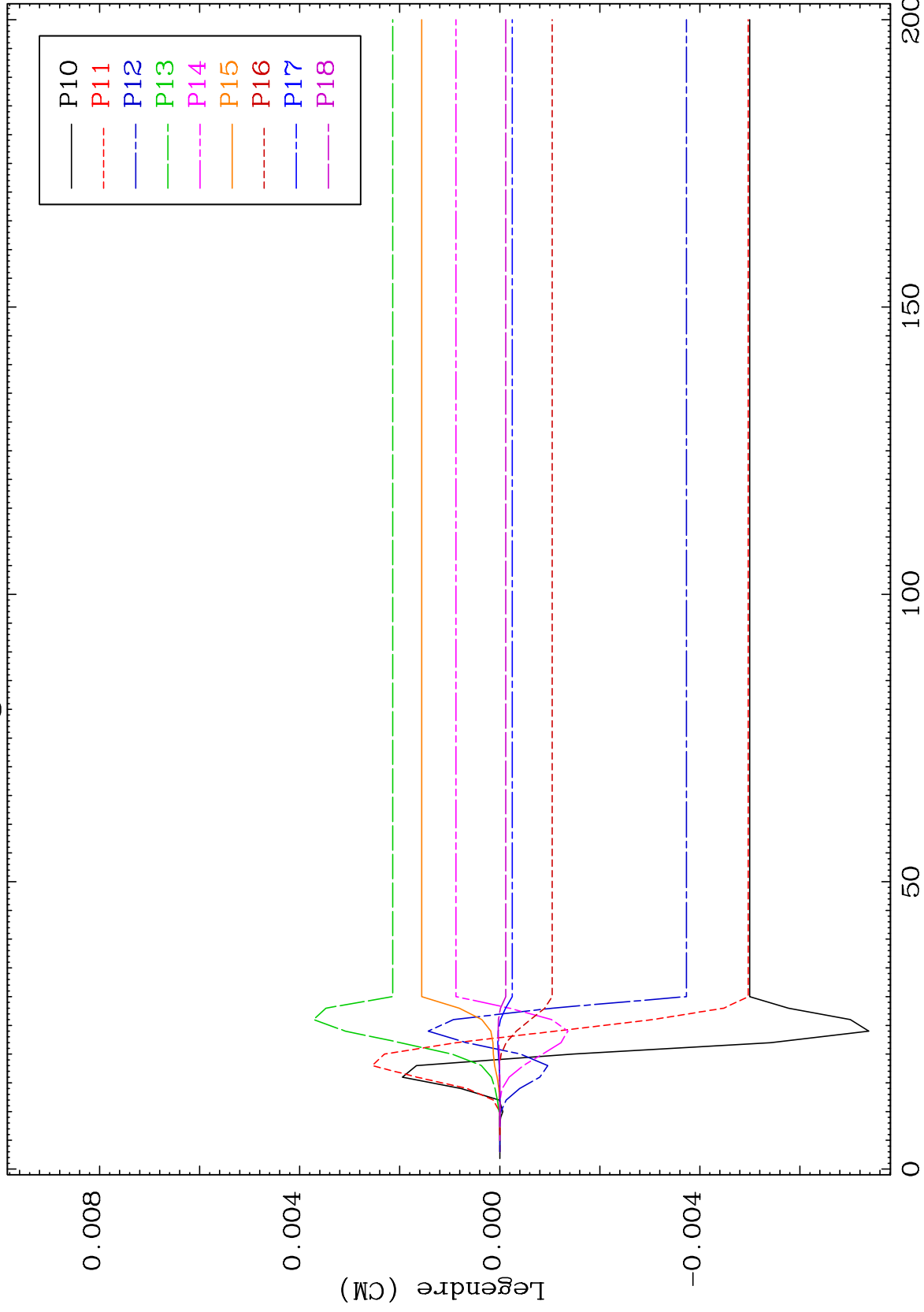
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



73

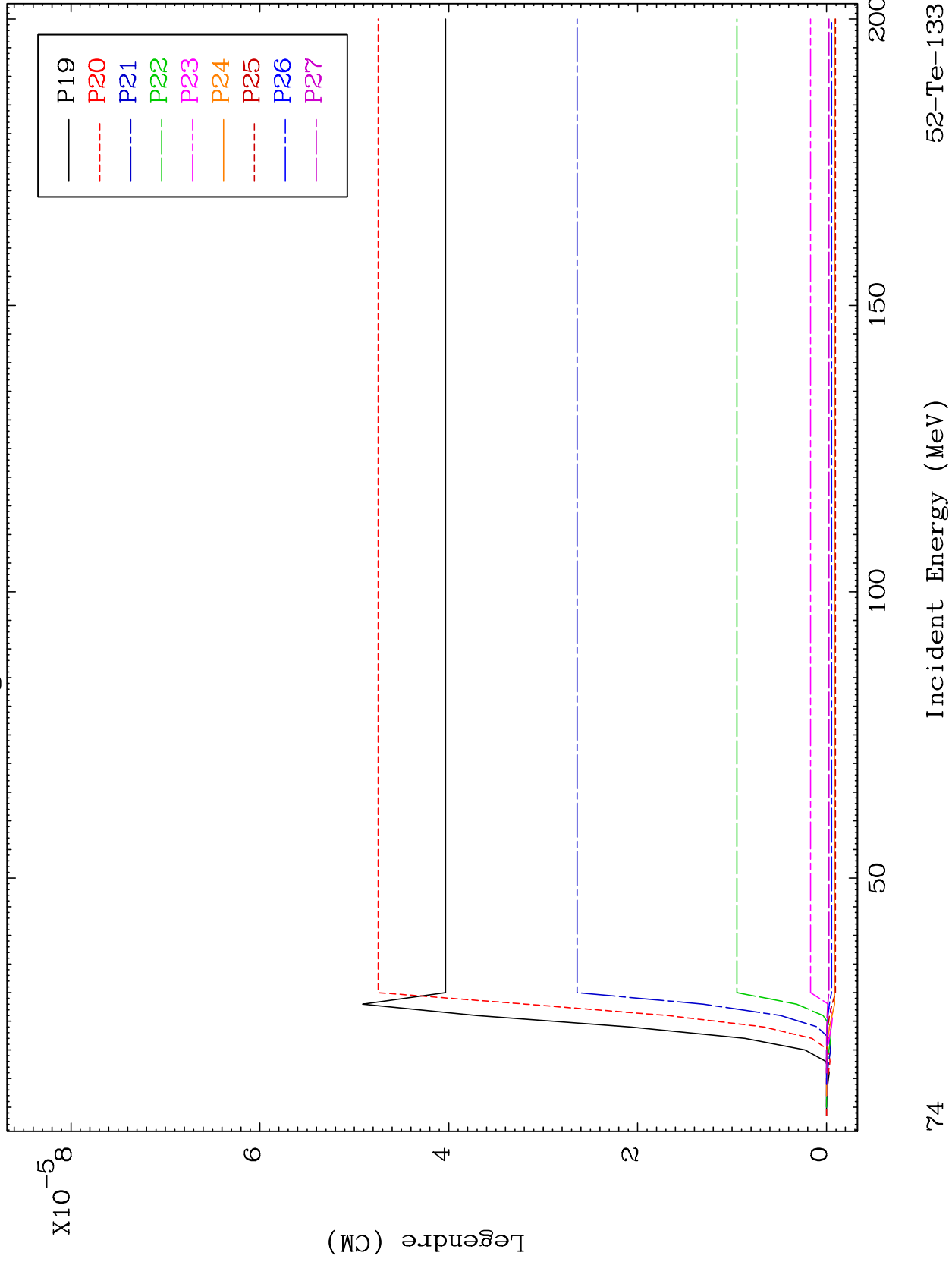
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133

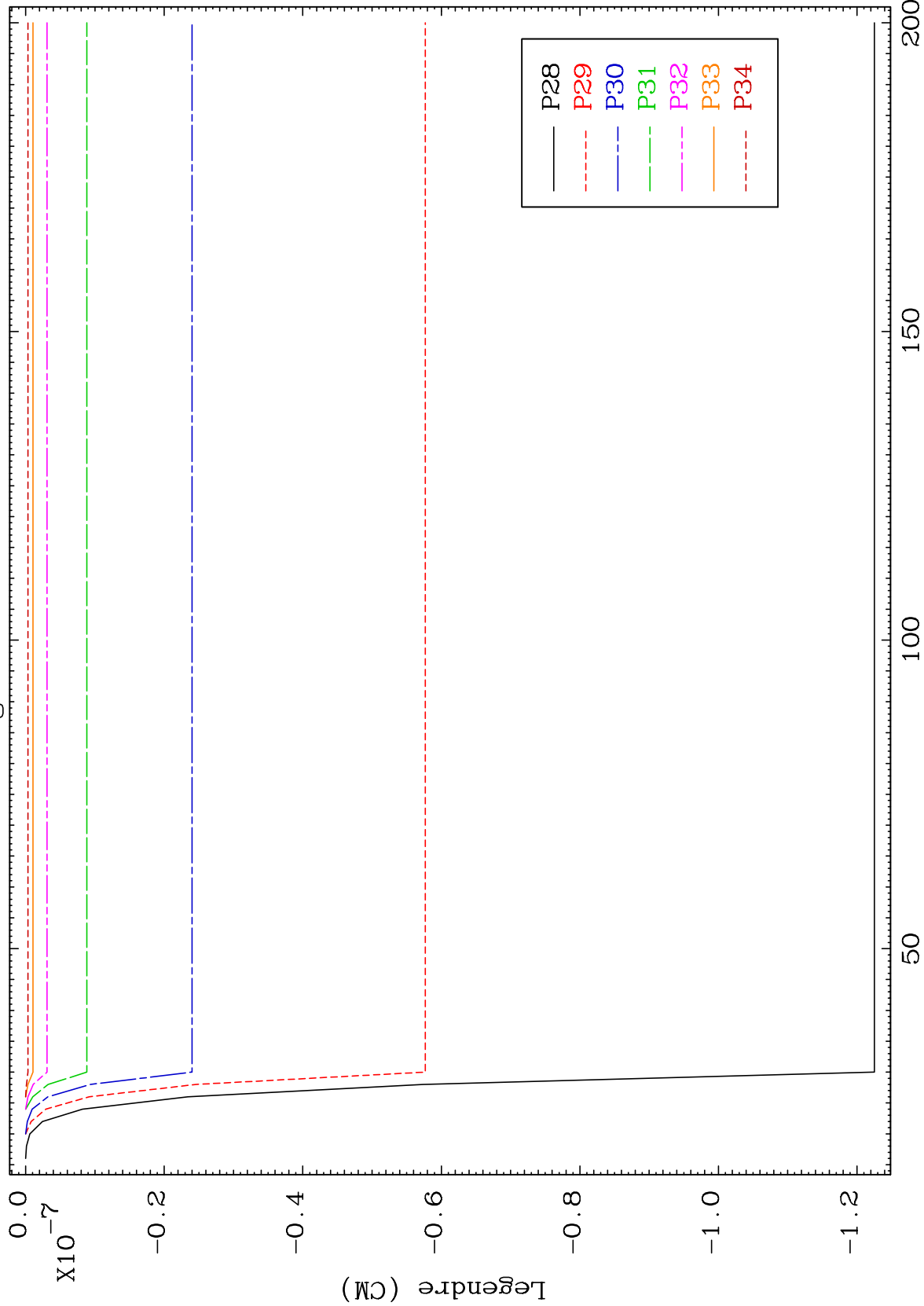


MAT 5264

MT= 64 (n,n') Level

52-Te-133

Legendre Coefficients



52-Te-133

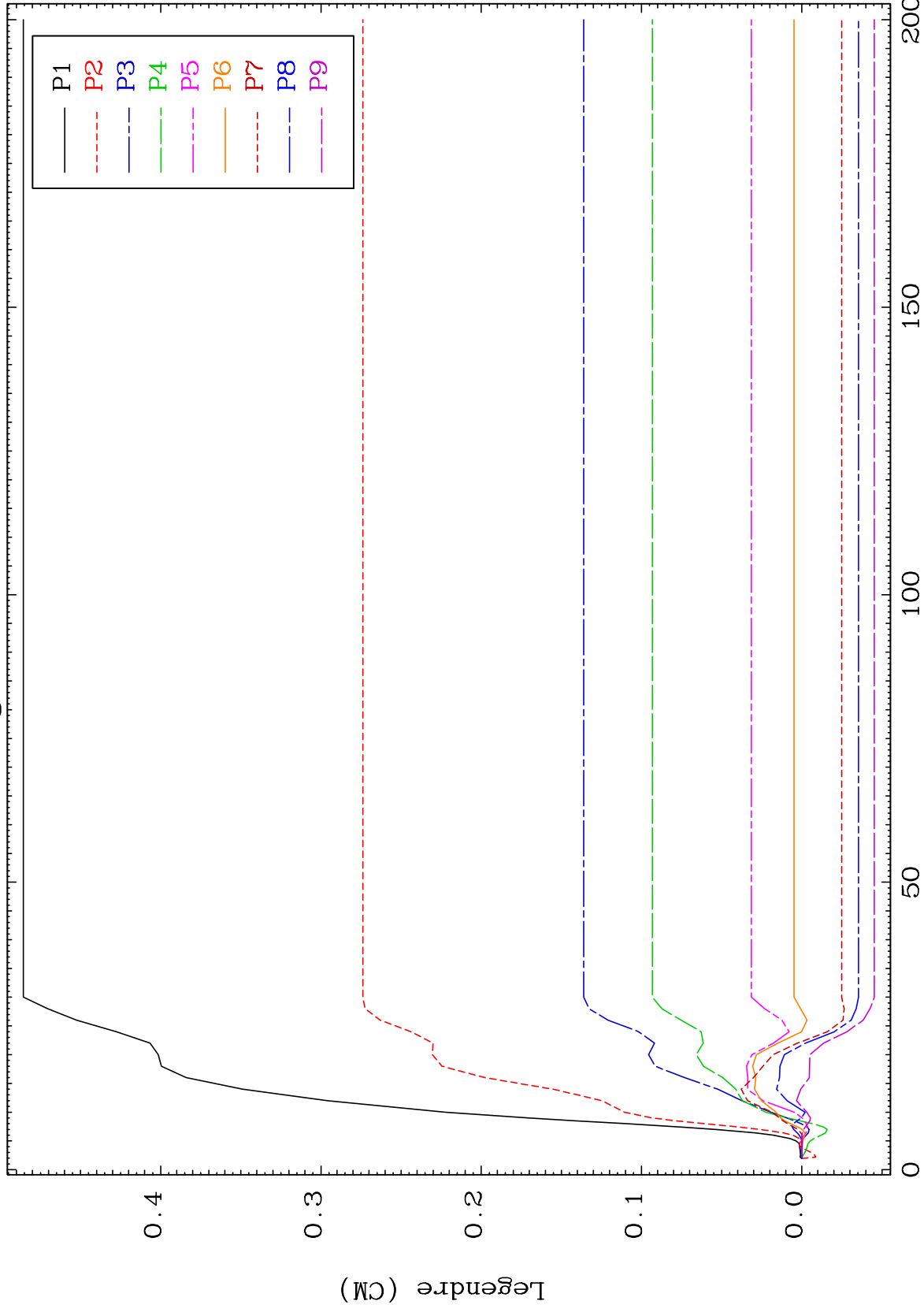
Incident Energy (MeV)

75

MAT 5264

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

52-Te-133



76

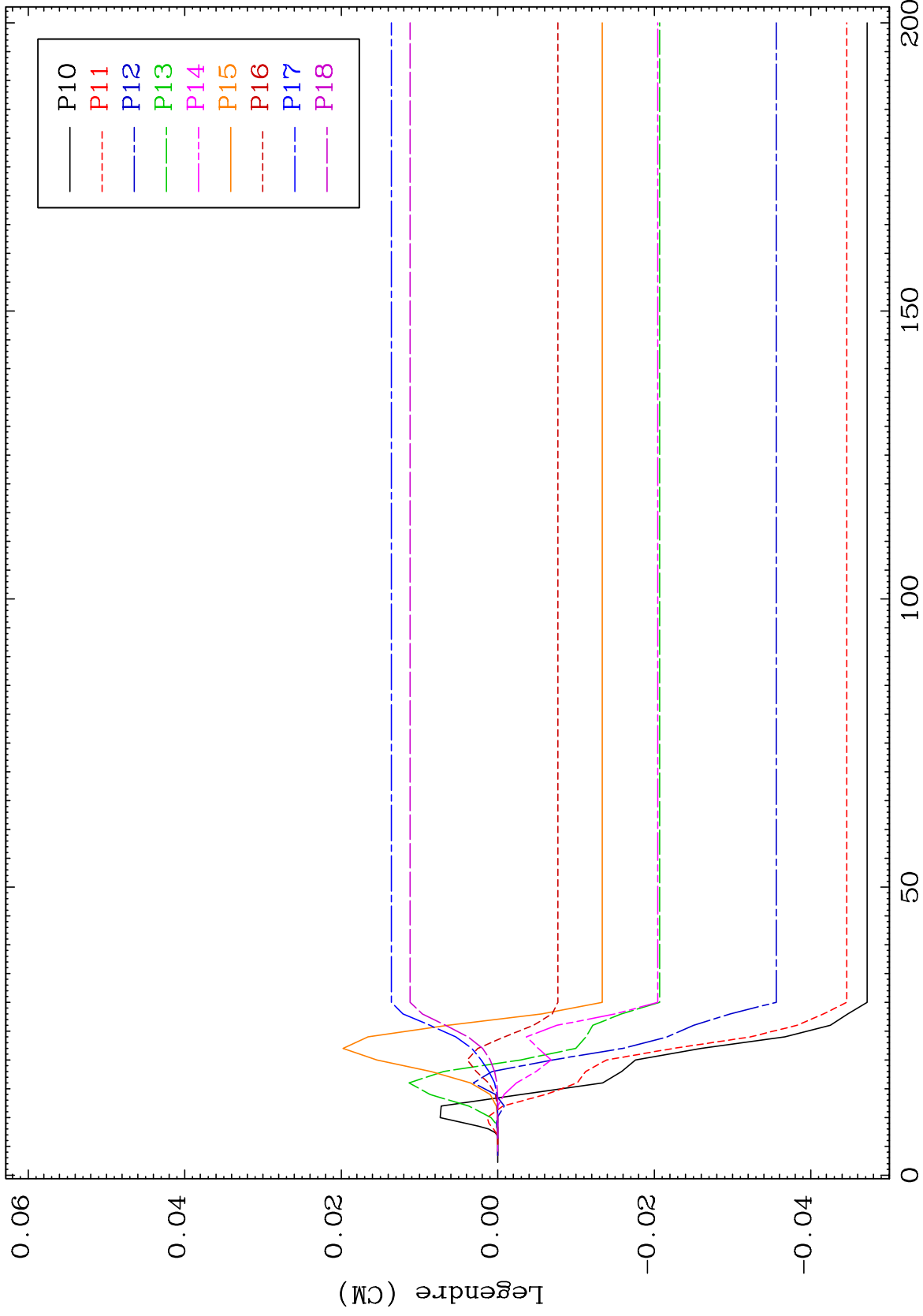
Incident Energy (MeV)

52-Te-133

MAT 5264

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

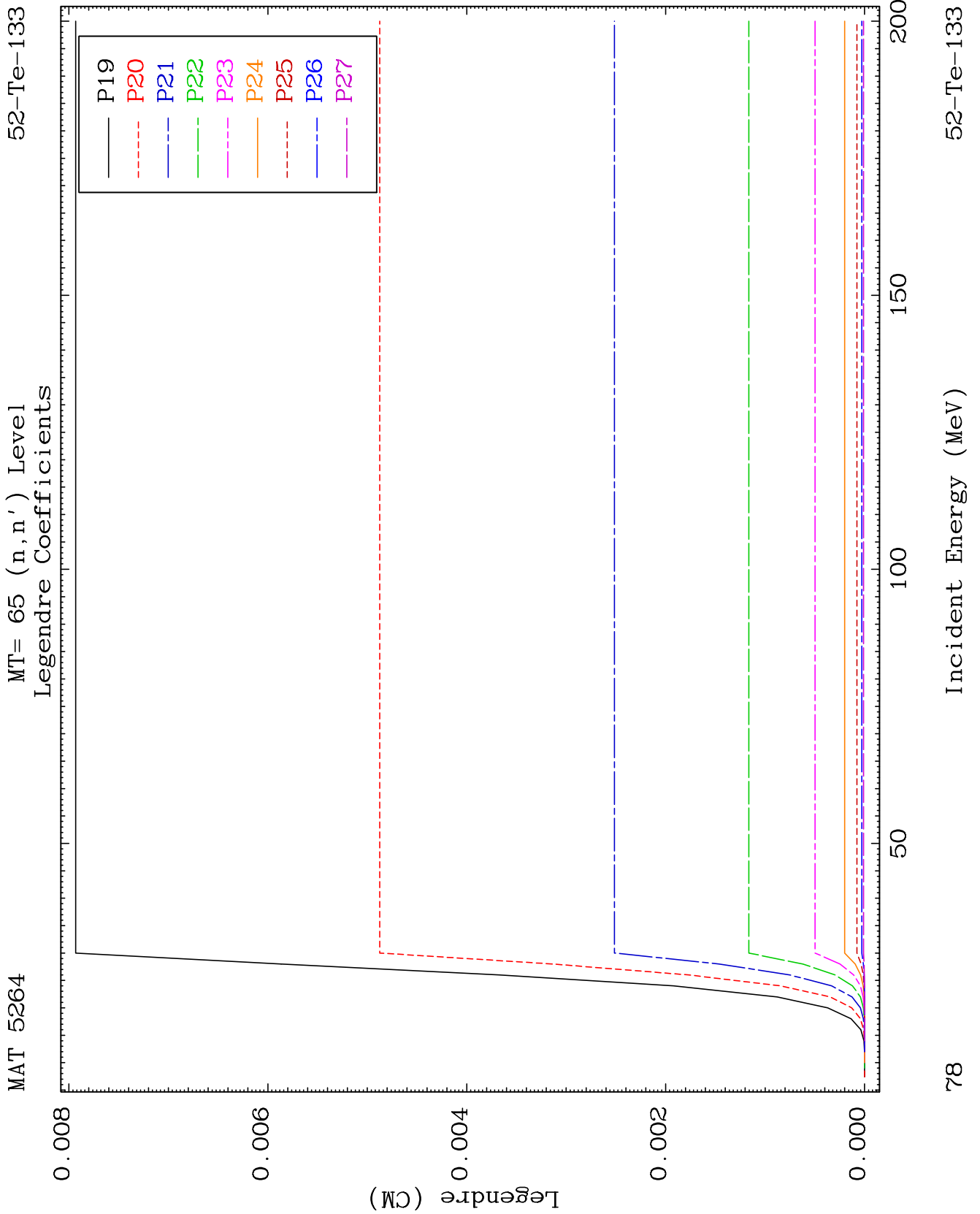
52-Te-133



77

Incident Energy (MeV)

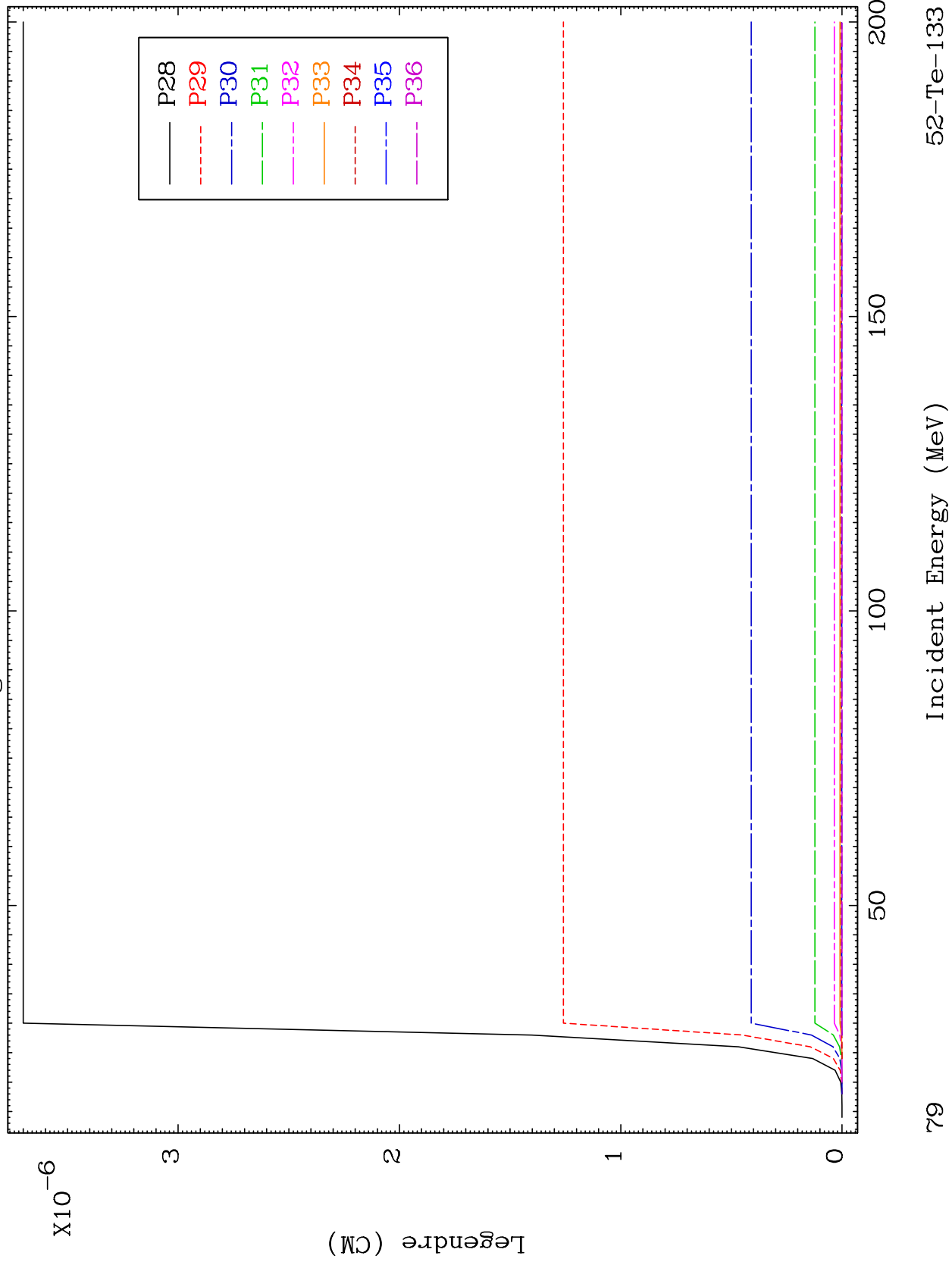
52-Te-133



MAT 5264

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

52-Te-133

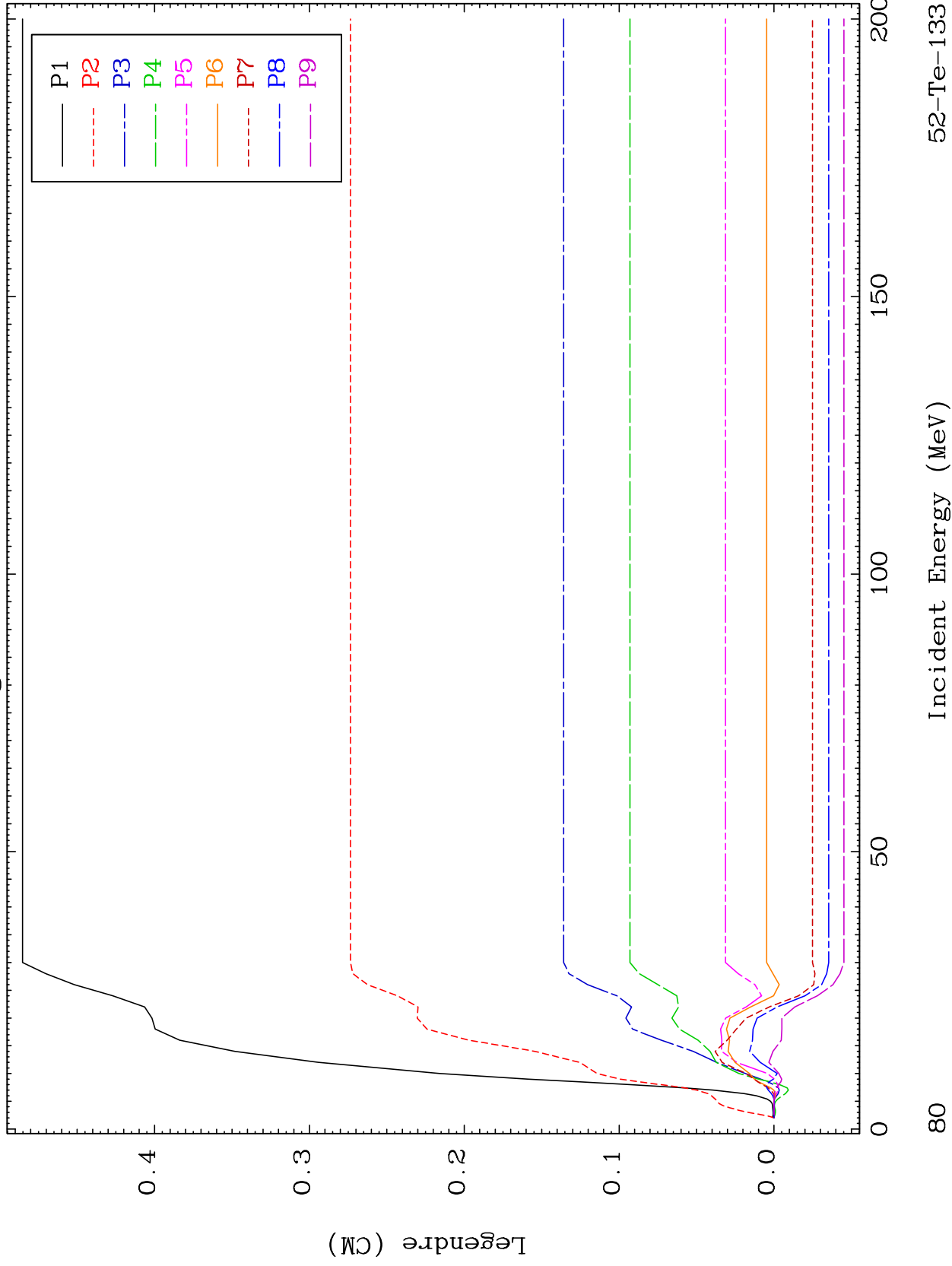




MAT 5264

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

52-Te-133



52-Te-133

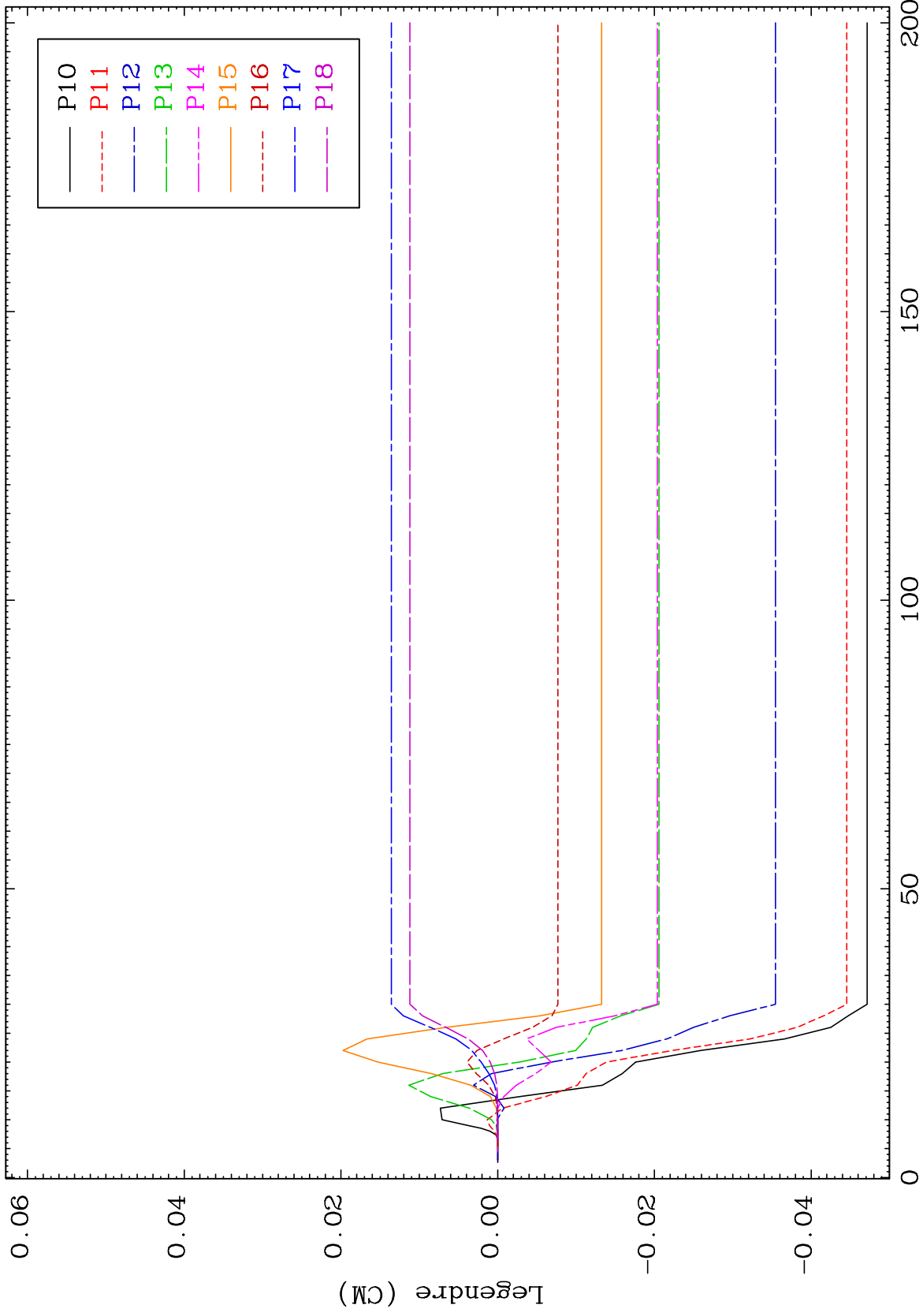
Incident Energy (MeV)

80

MAT 5264

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

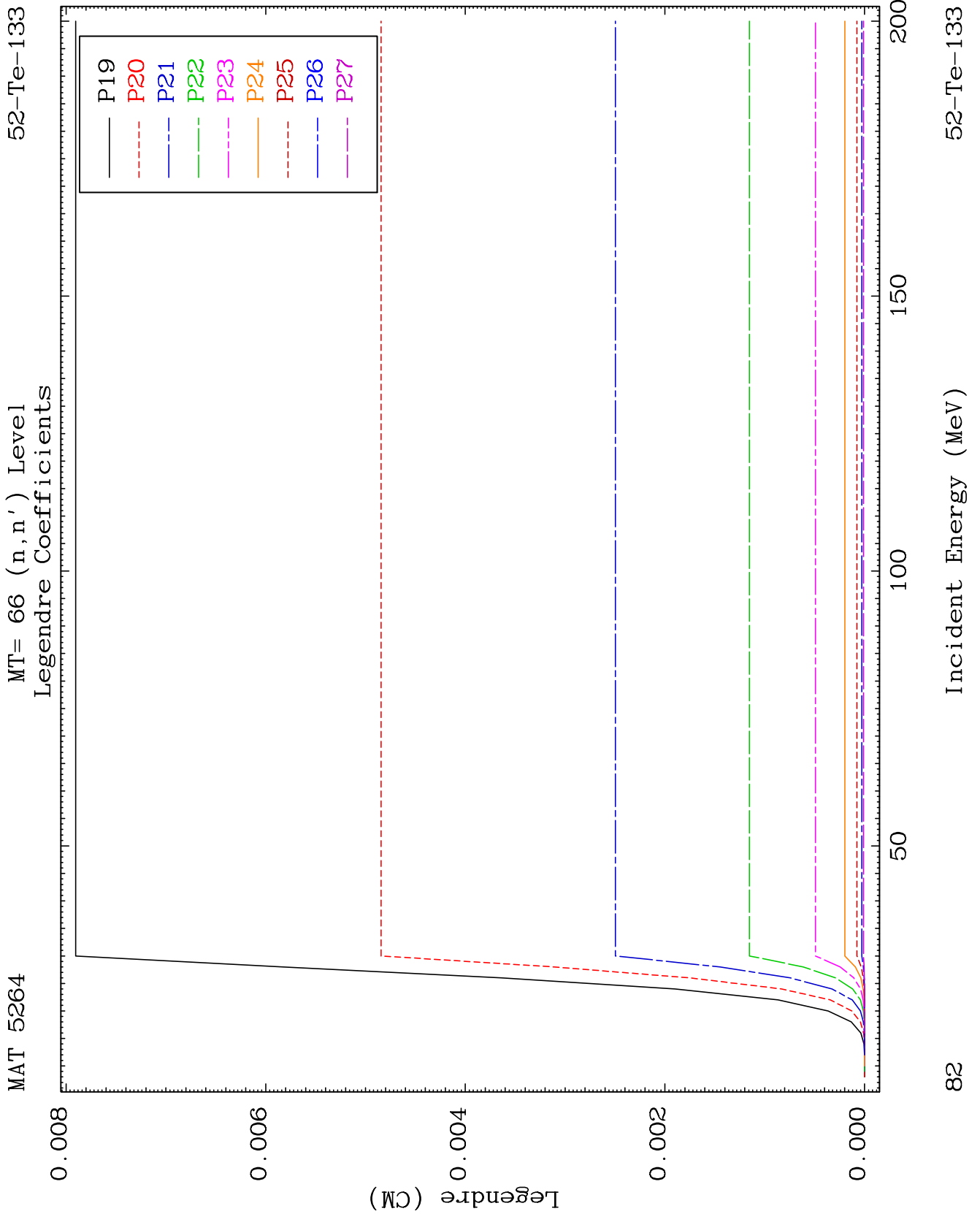
52-Te-133



81

Incident Energy (MeV)

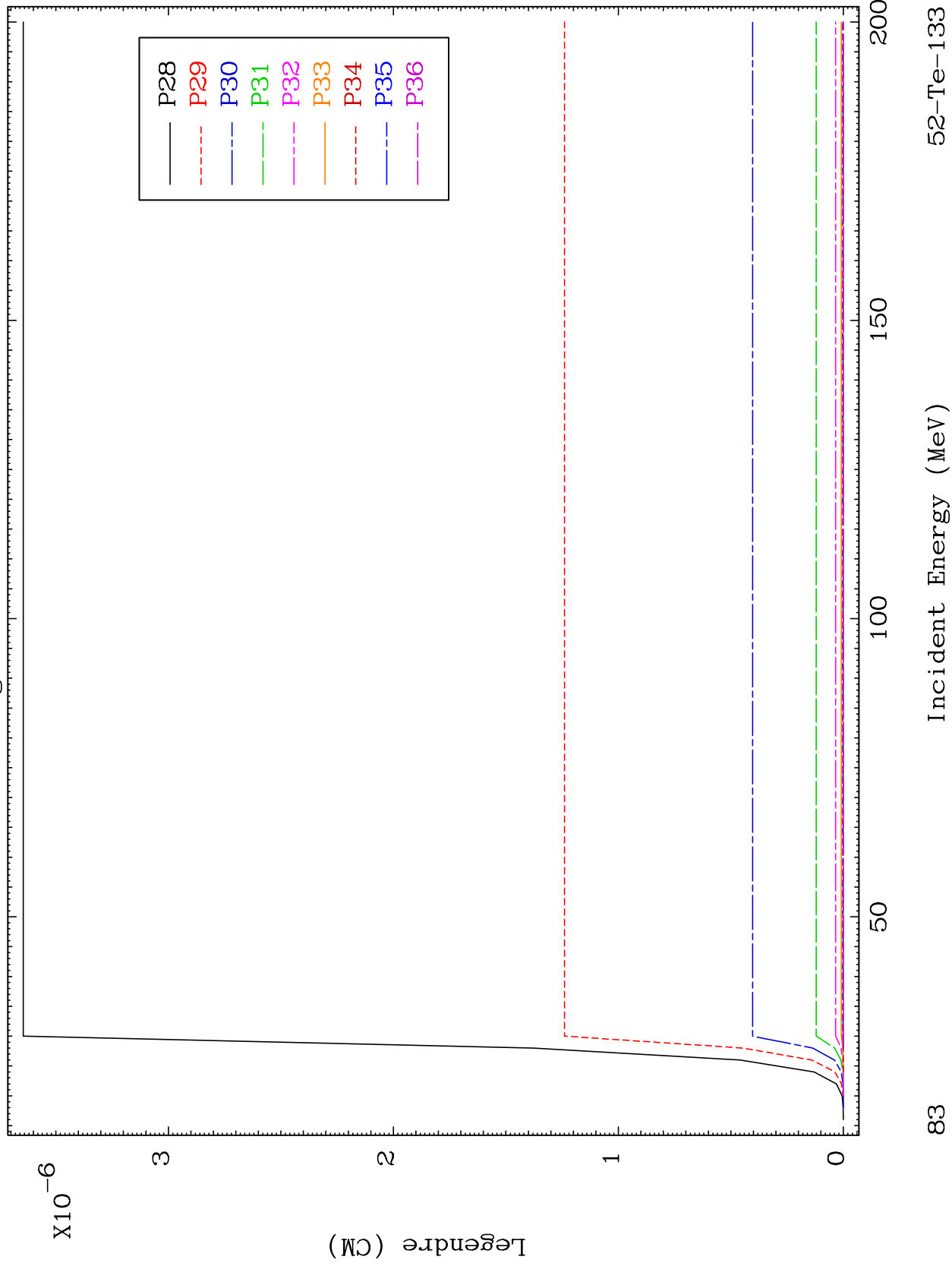
52-Te-133



MAT 5264

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

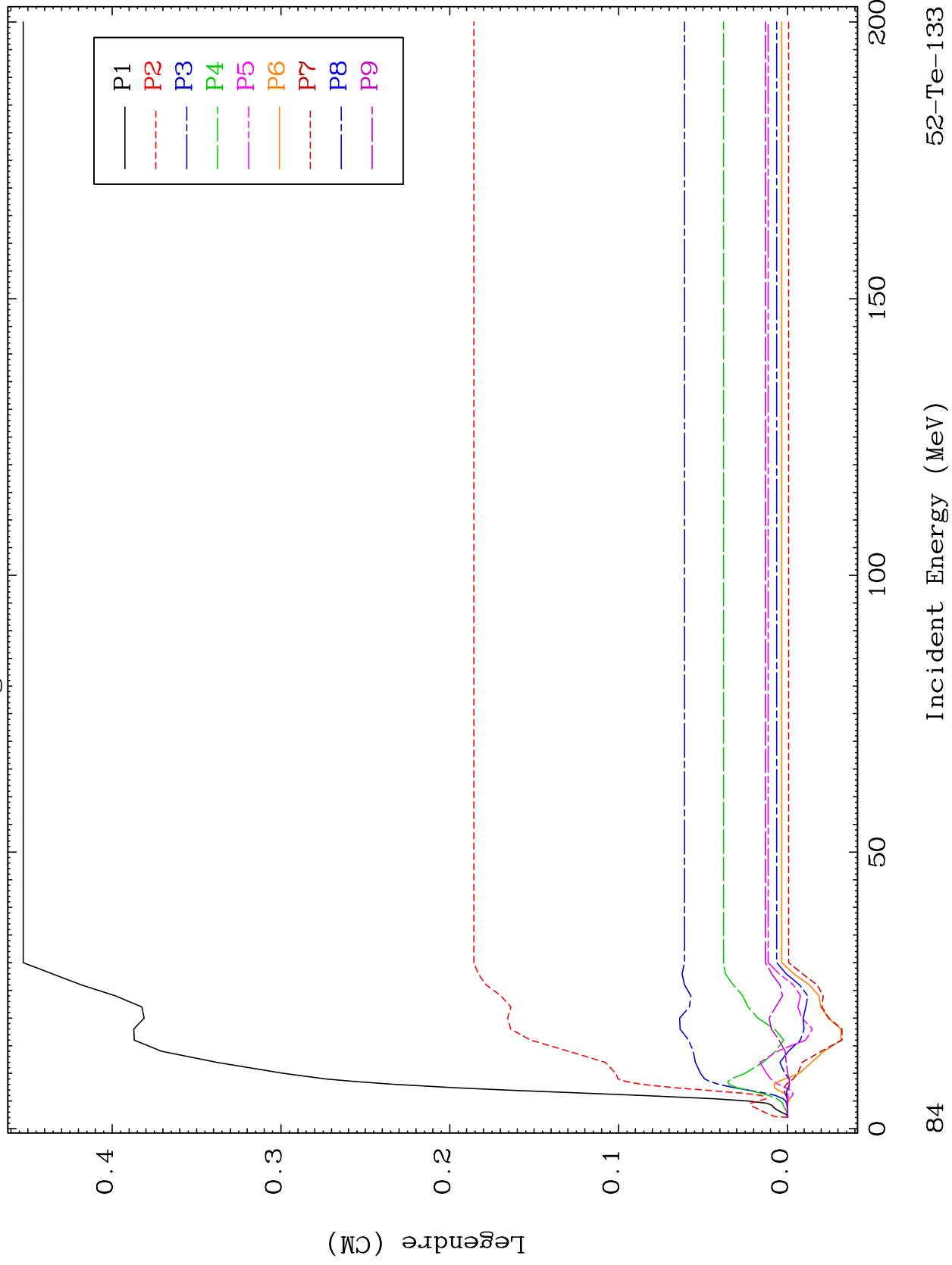
52-Te-133



MAT 5264

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

52-Te-133



52-Te-133

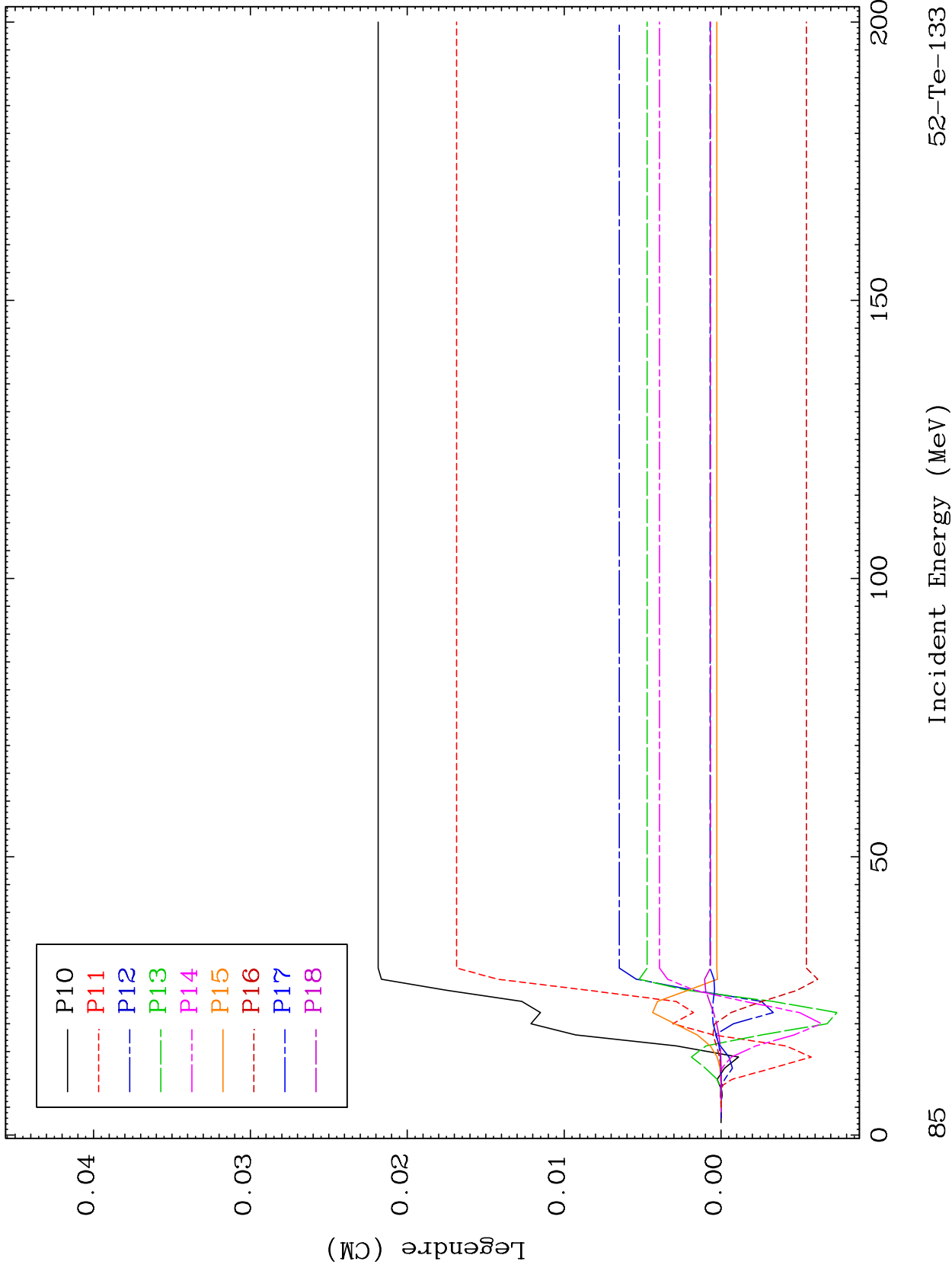
Incident Energy (MeV)

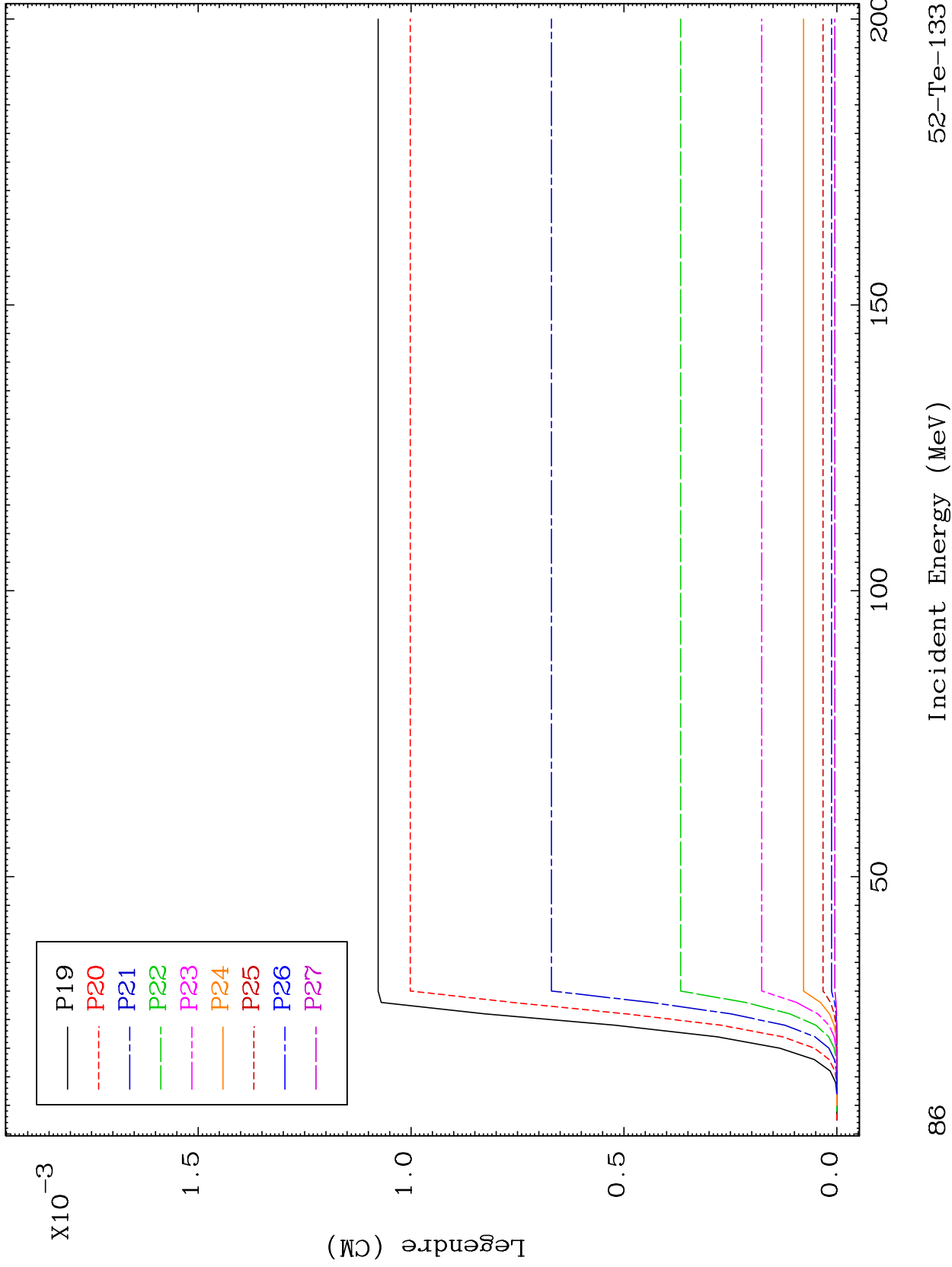
84

MAT 5264

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

52-Te-133

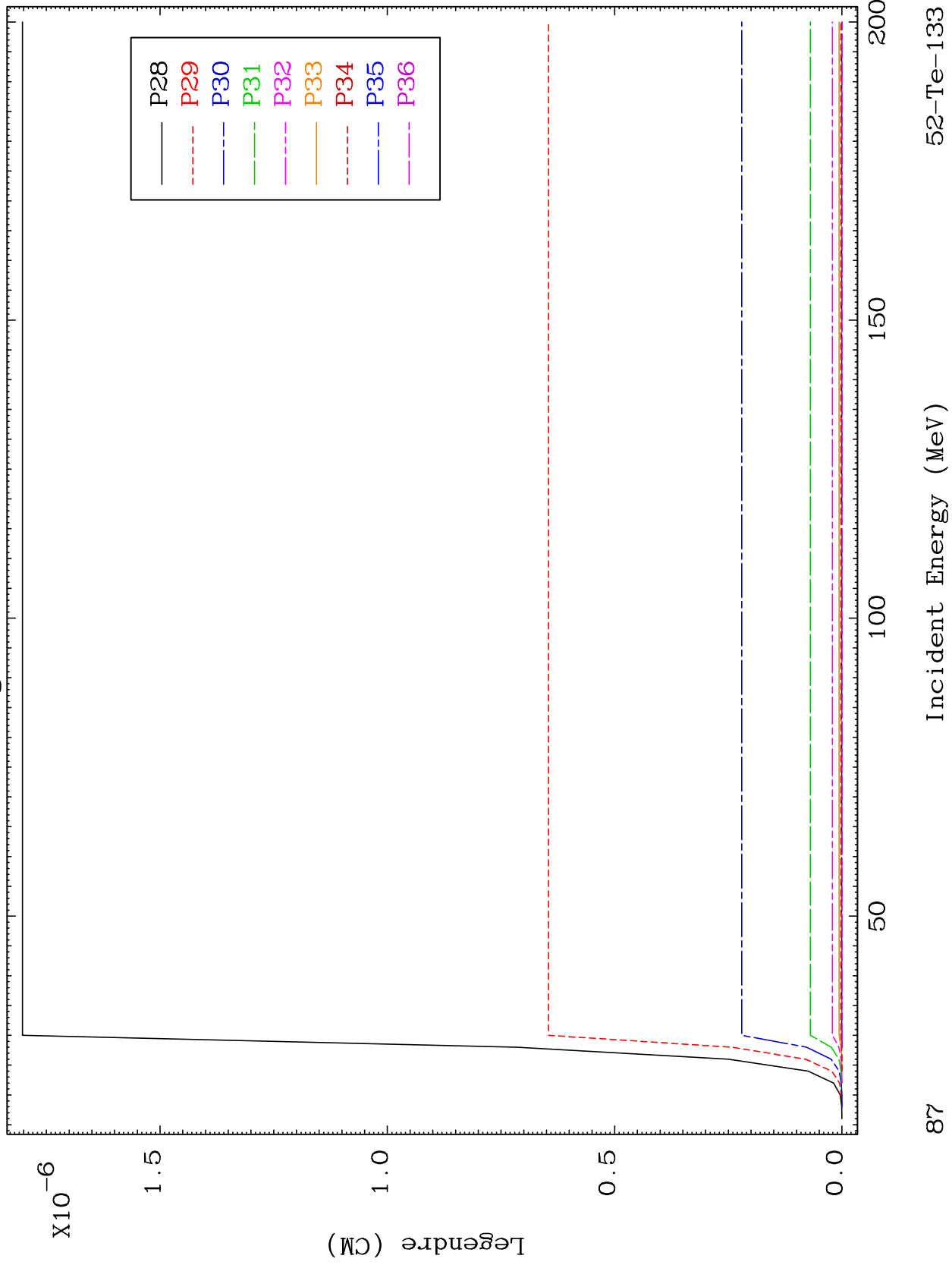




MAT 5264

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

52-Te-133

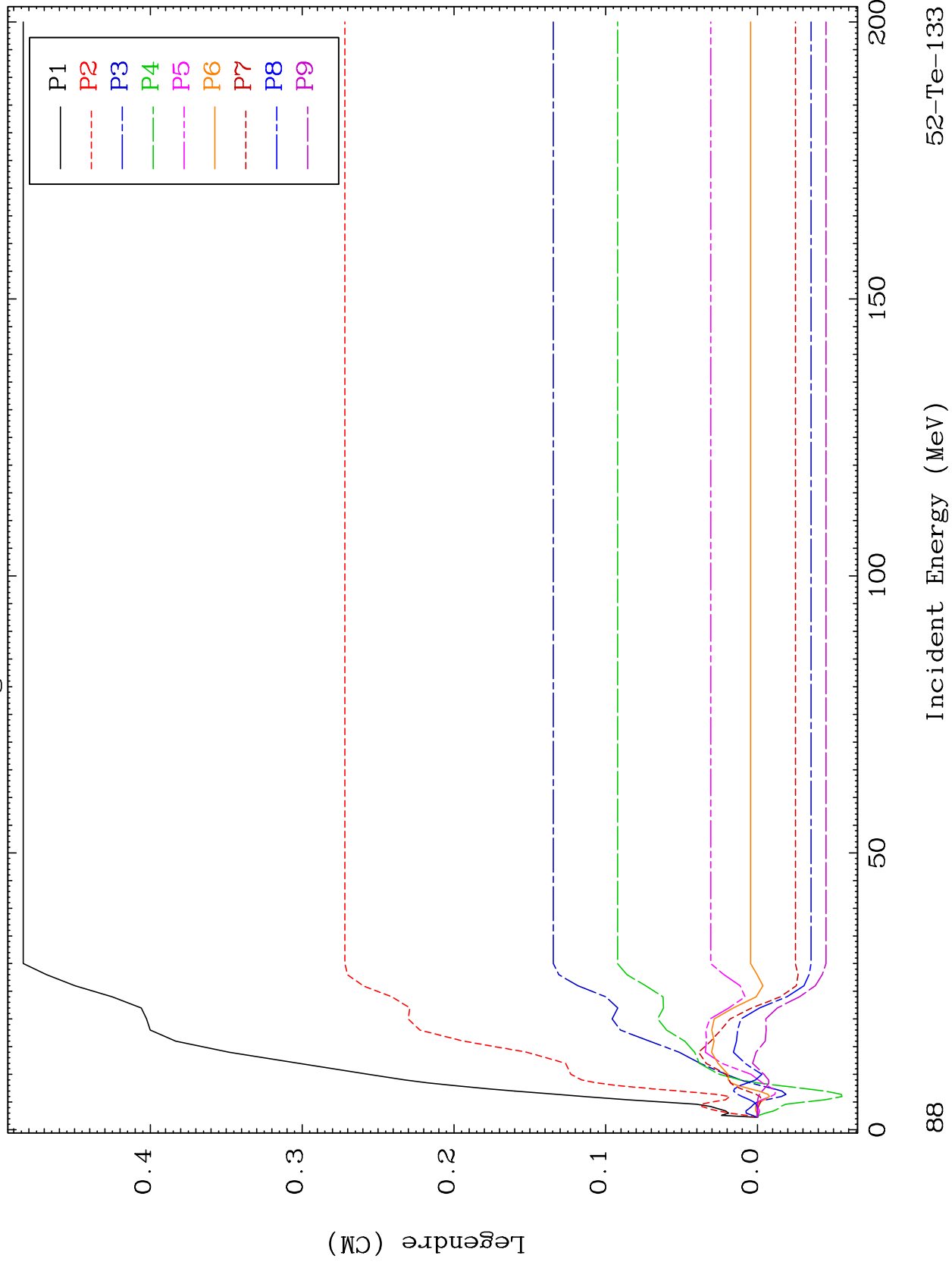




MAT 5264

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

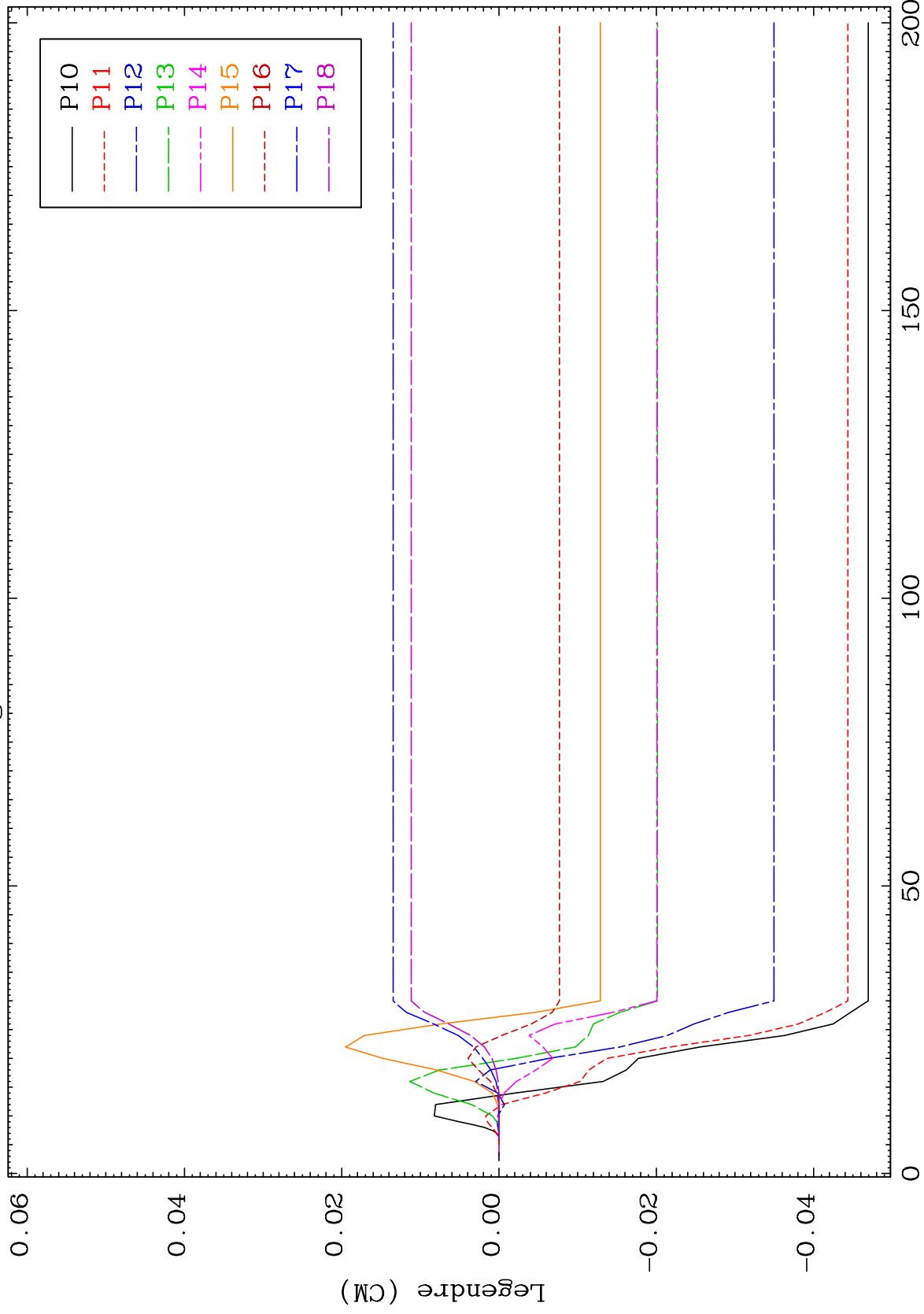
52-Te-133



MAT 5264

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

52-Te-133



89

Incident Energy (MeV)

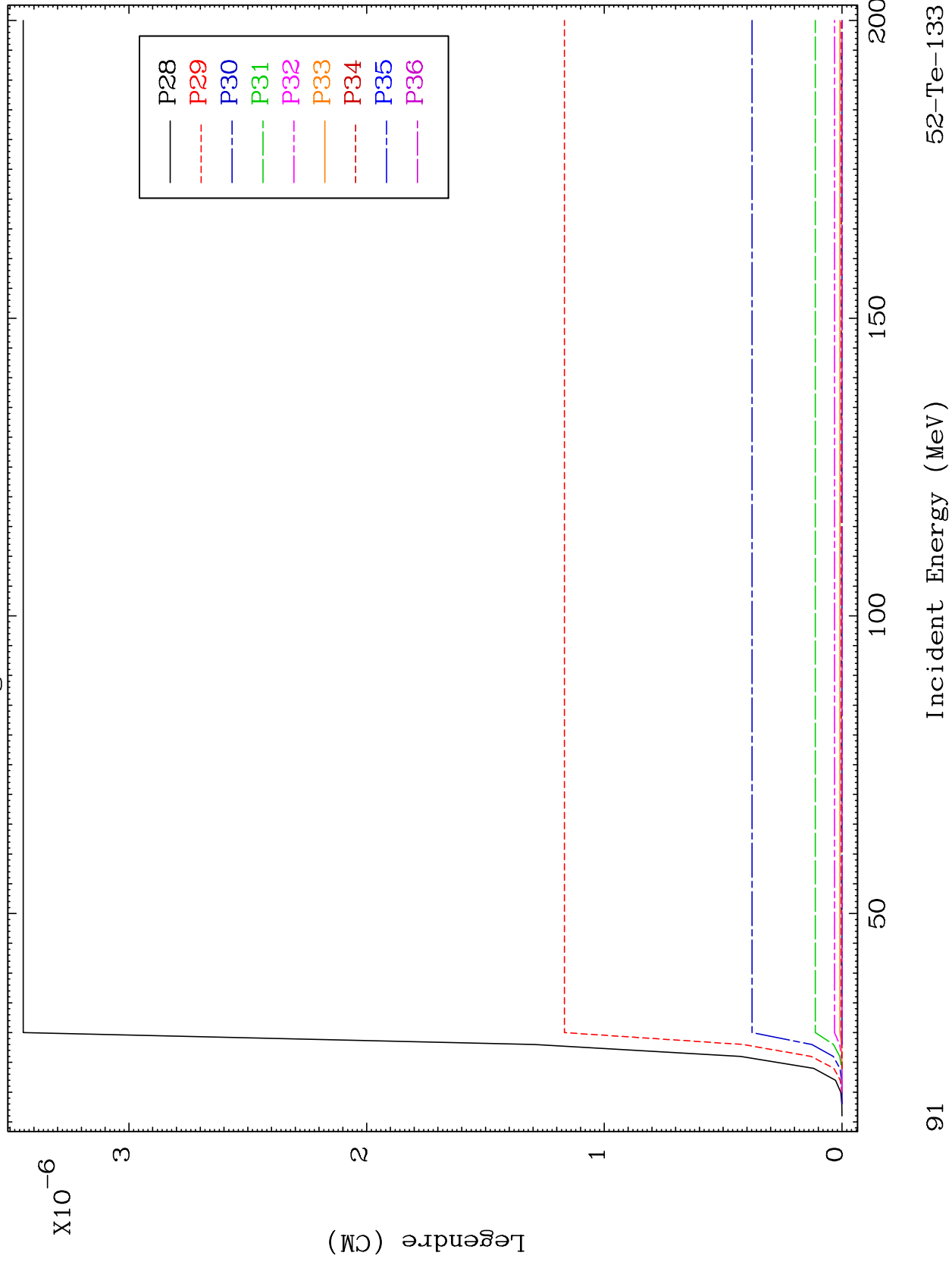
52-Te-133



MAT 5264

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

52-Te-133

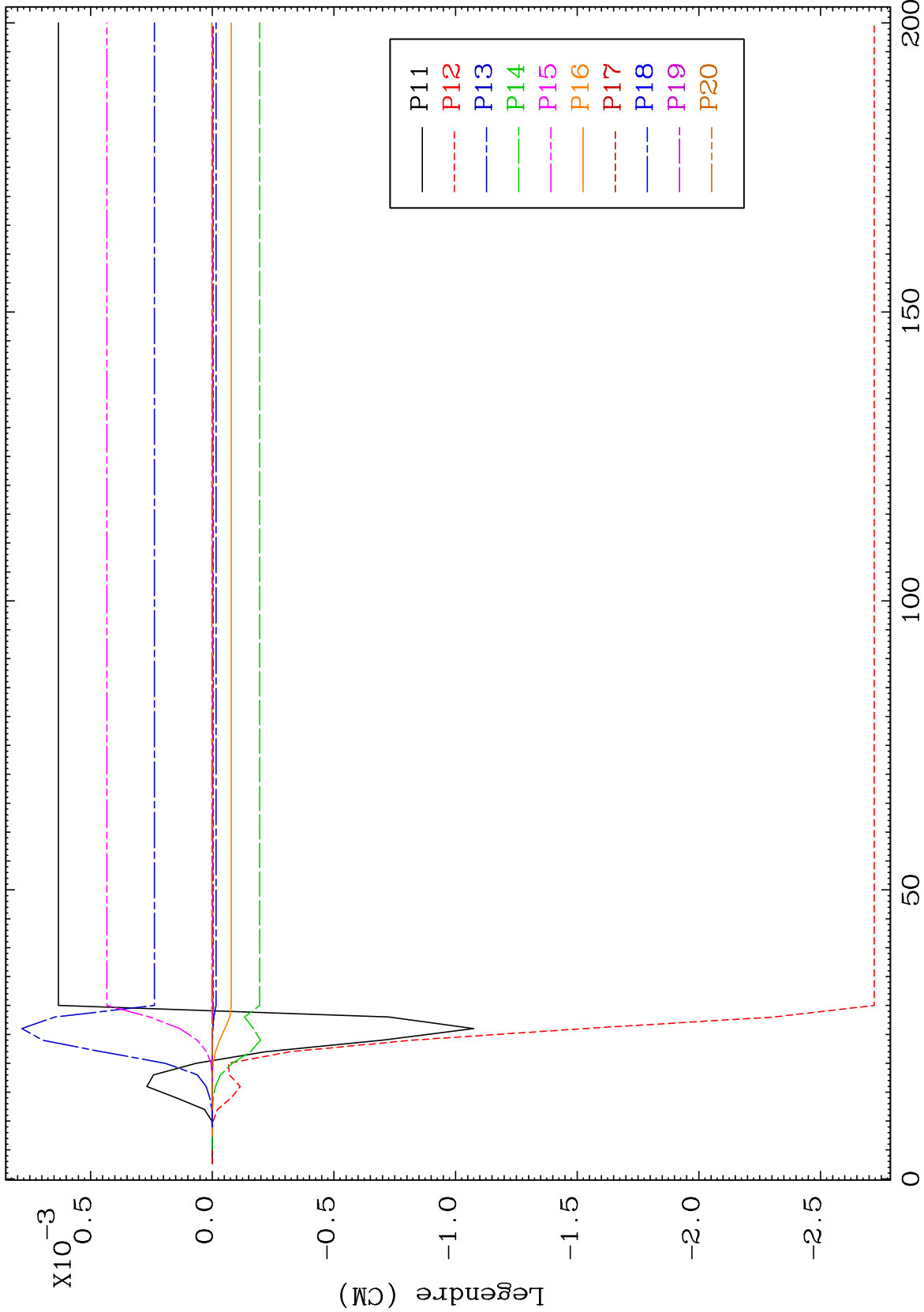




MAT 5264

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

52-Te-133



93

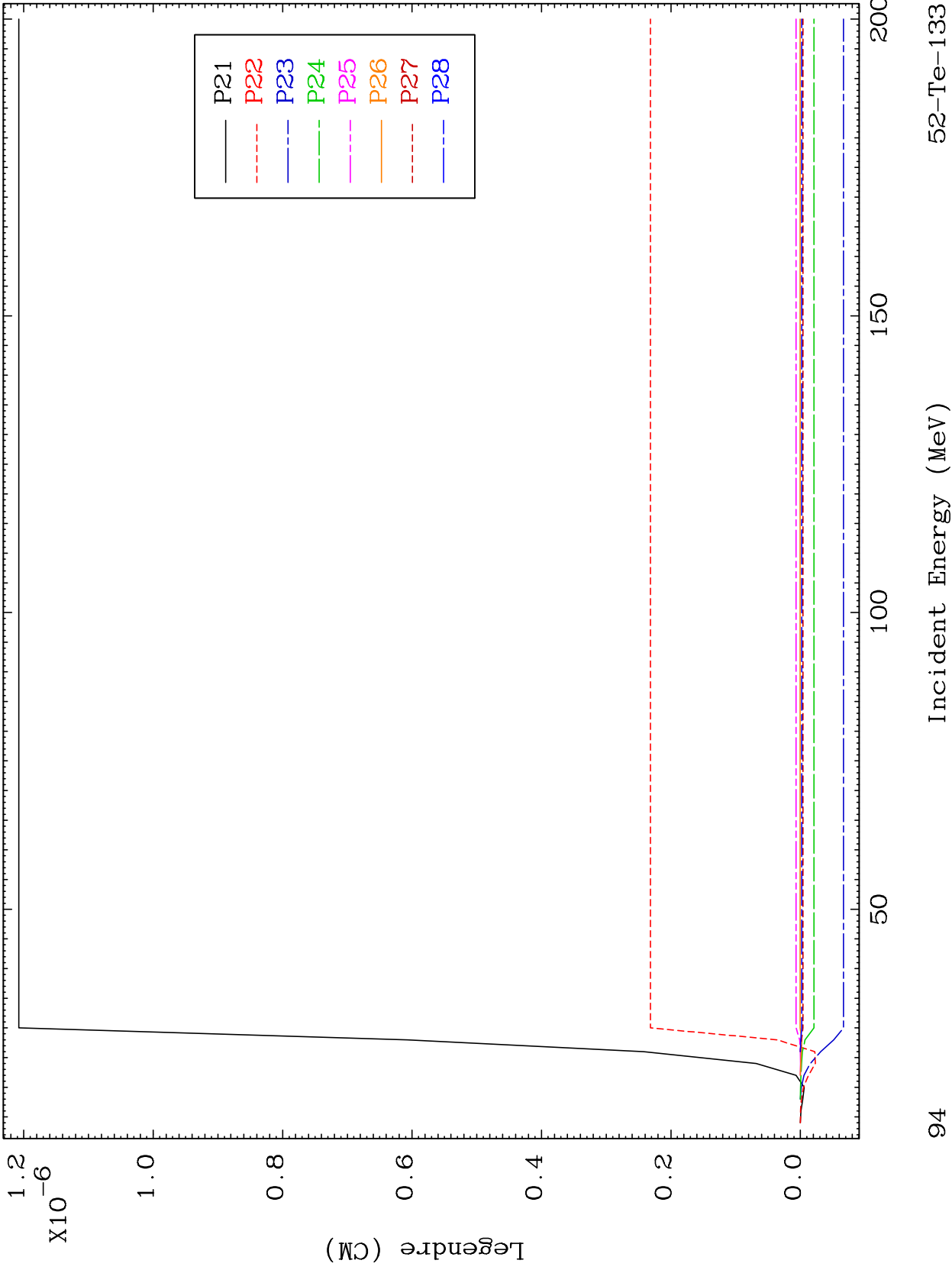
Incident Energy (MeV)

52-Te-133

MAT 5264

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

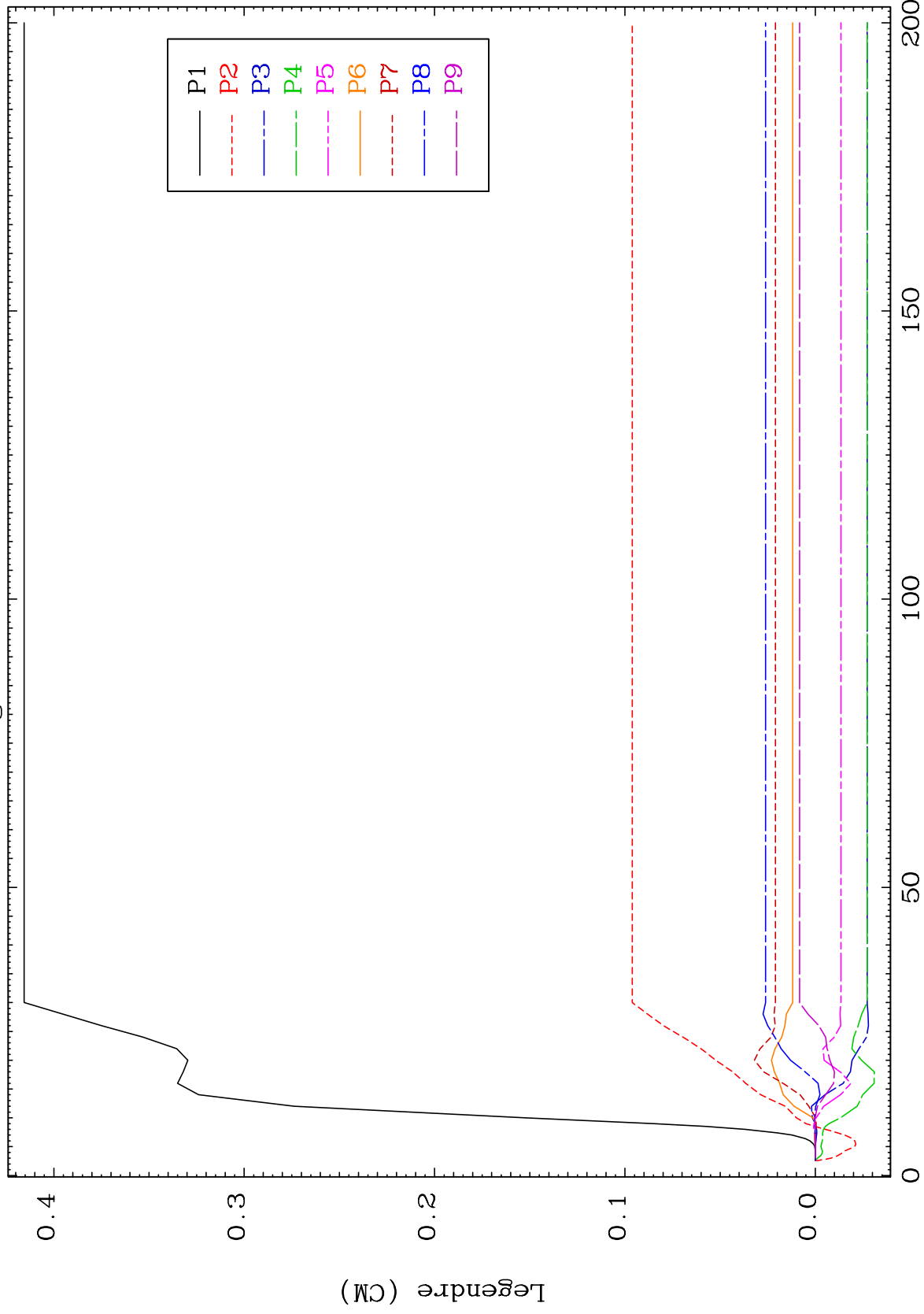
52-Te-133



MAT 5264

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

52-Te-133



95

Incident Energy (MeV)

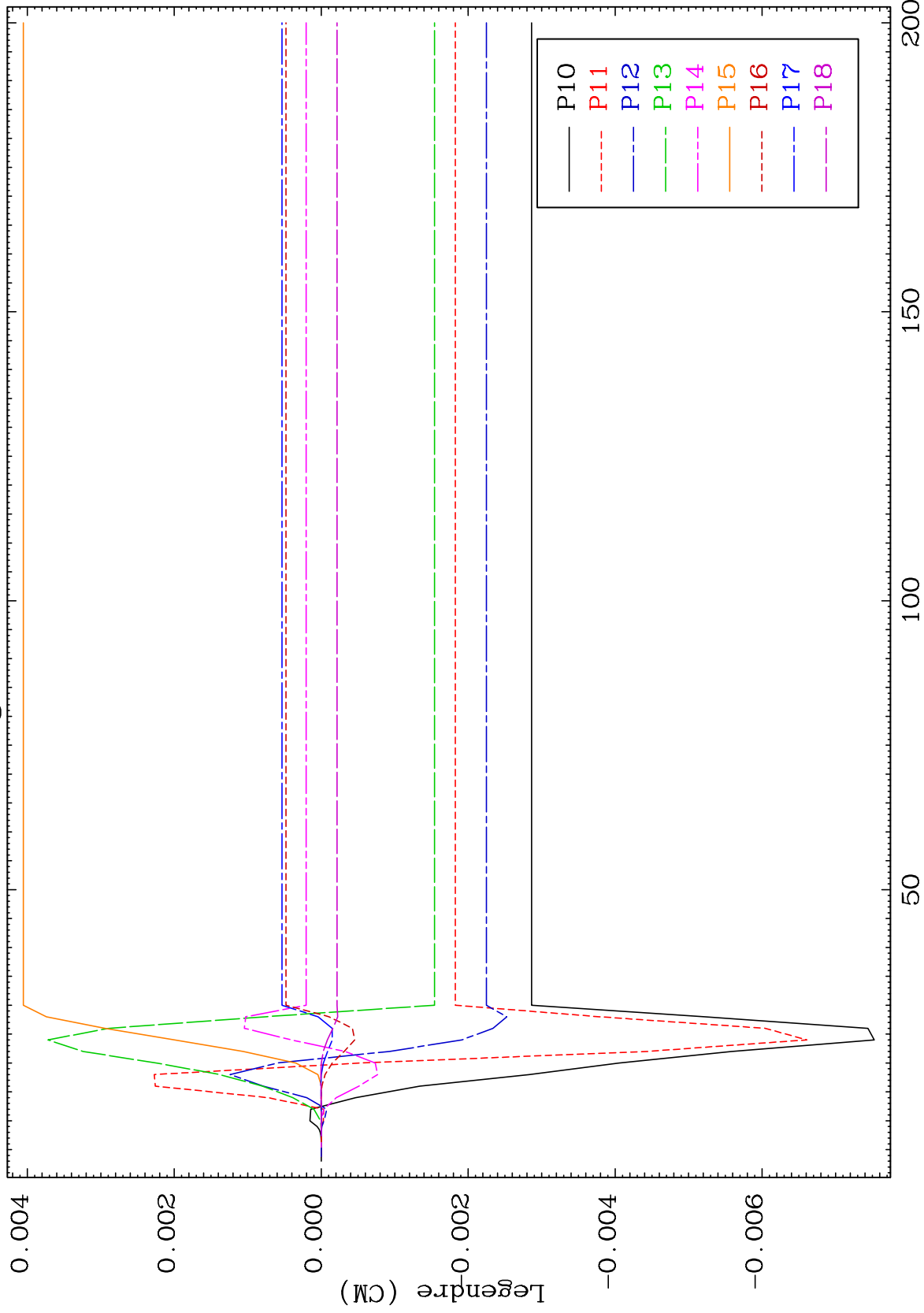
52-Te-133



MAT 5264

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

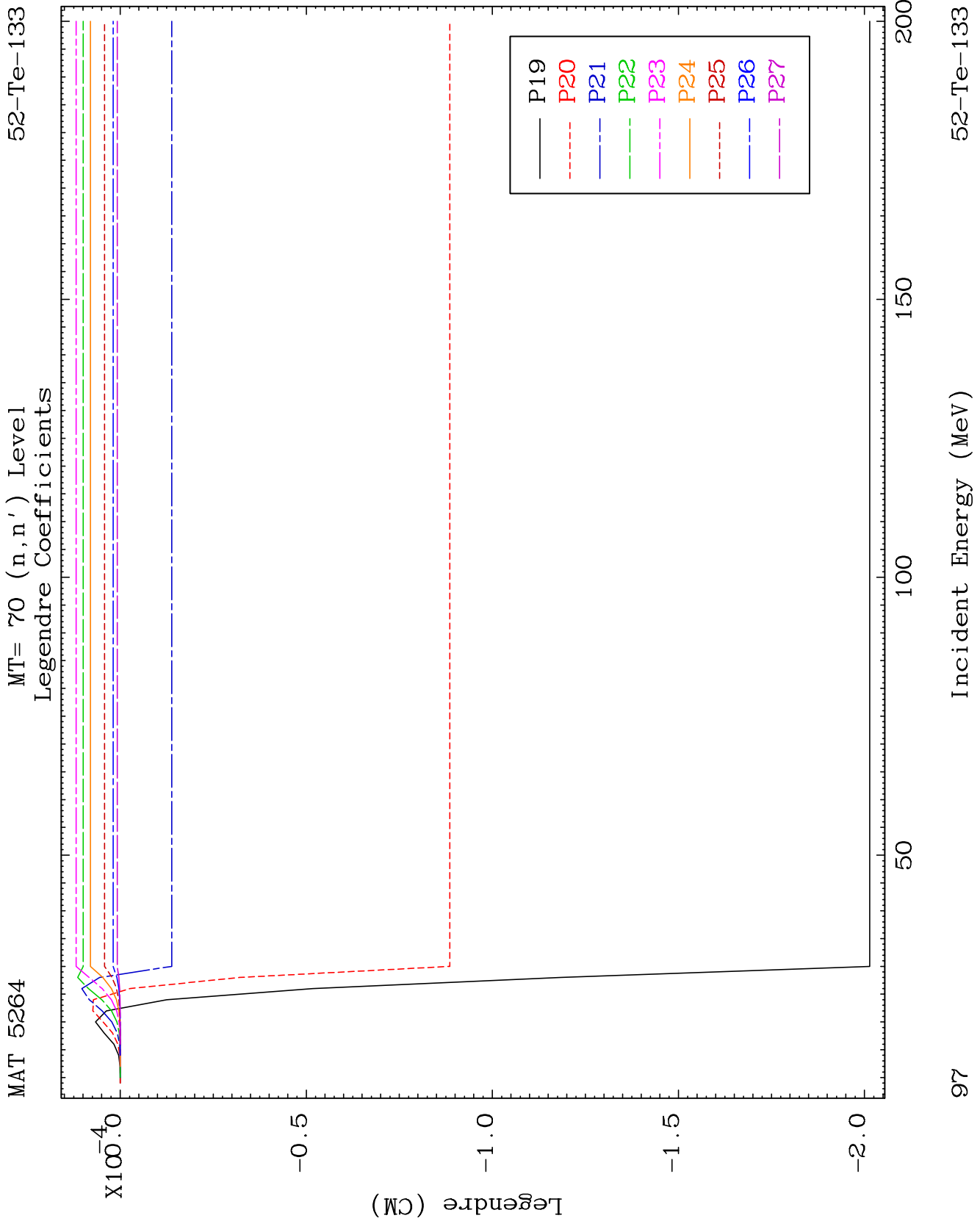
52-Te-133



96

Incident Energy (MeV)

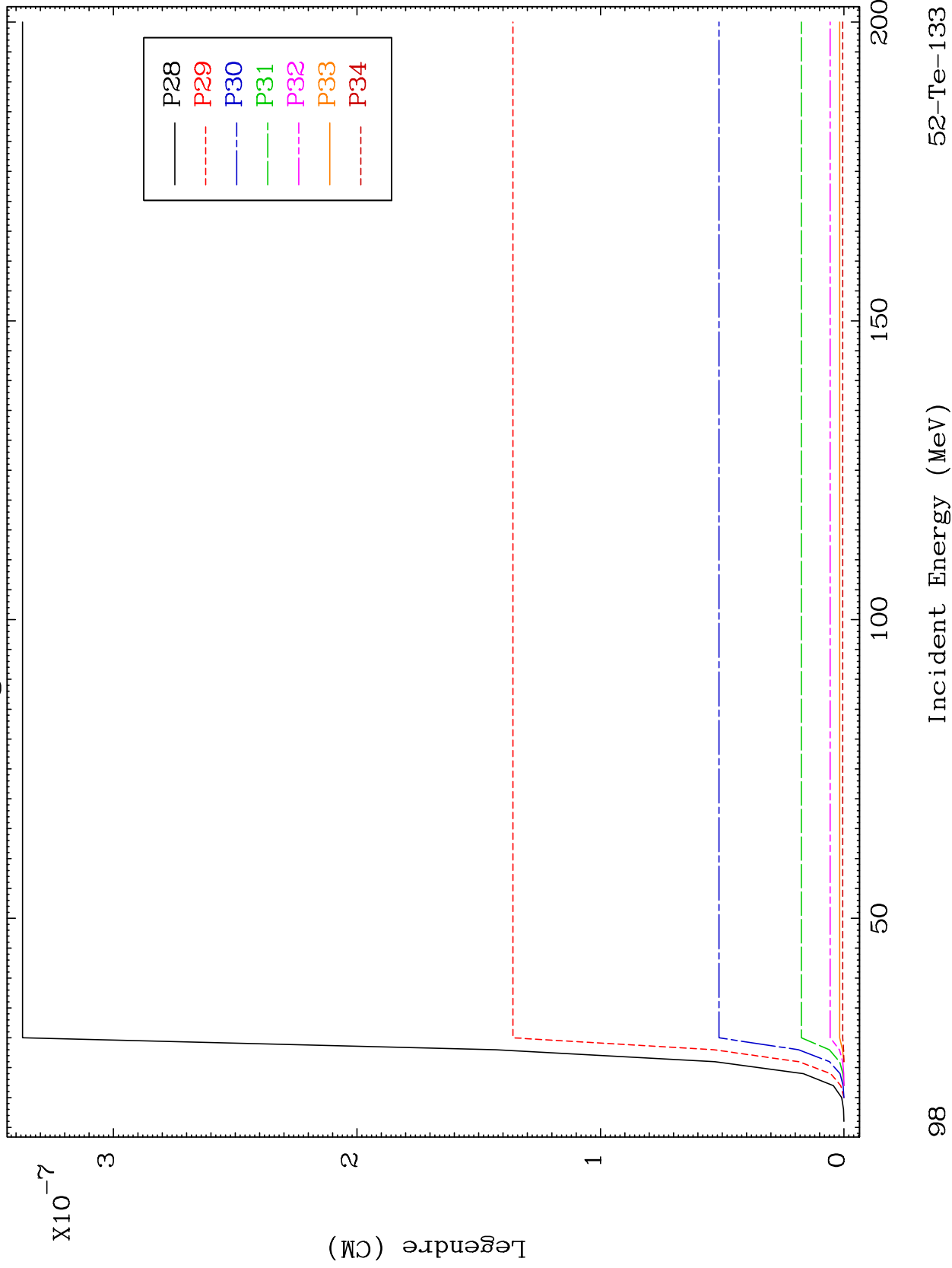
52-Te-133



MAT 5264

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

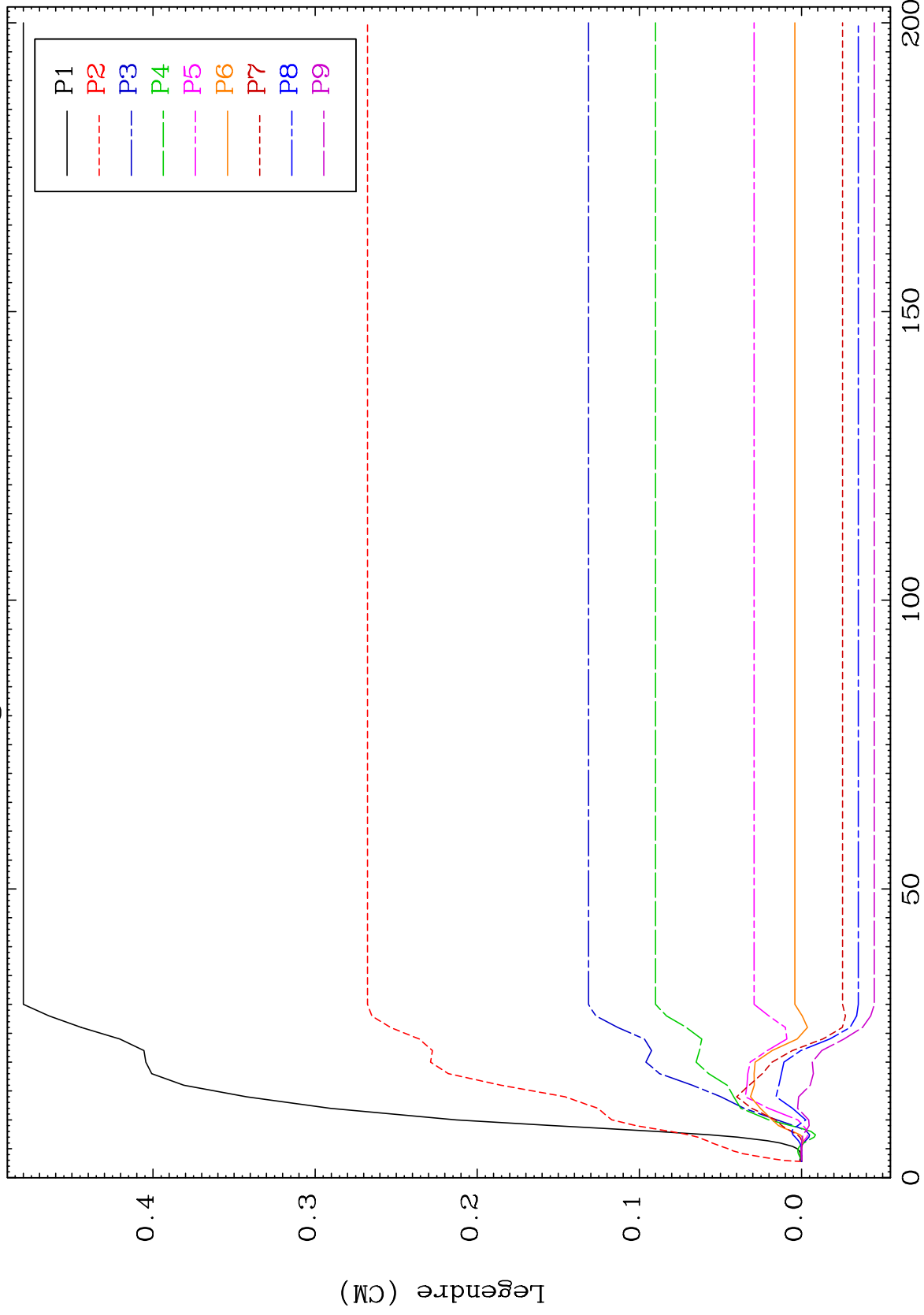
52-Te-133



MAT 5264

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

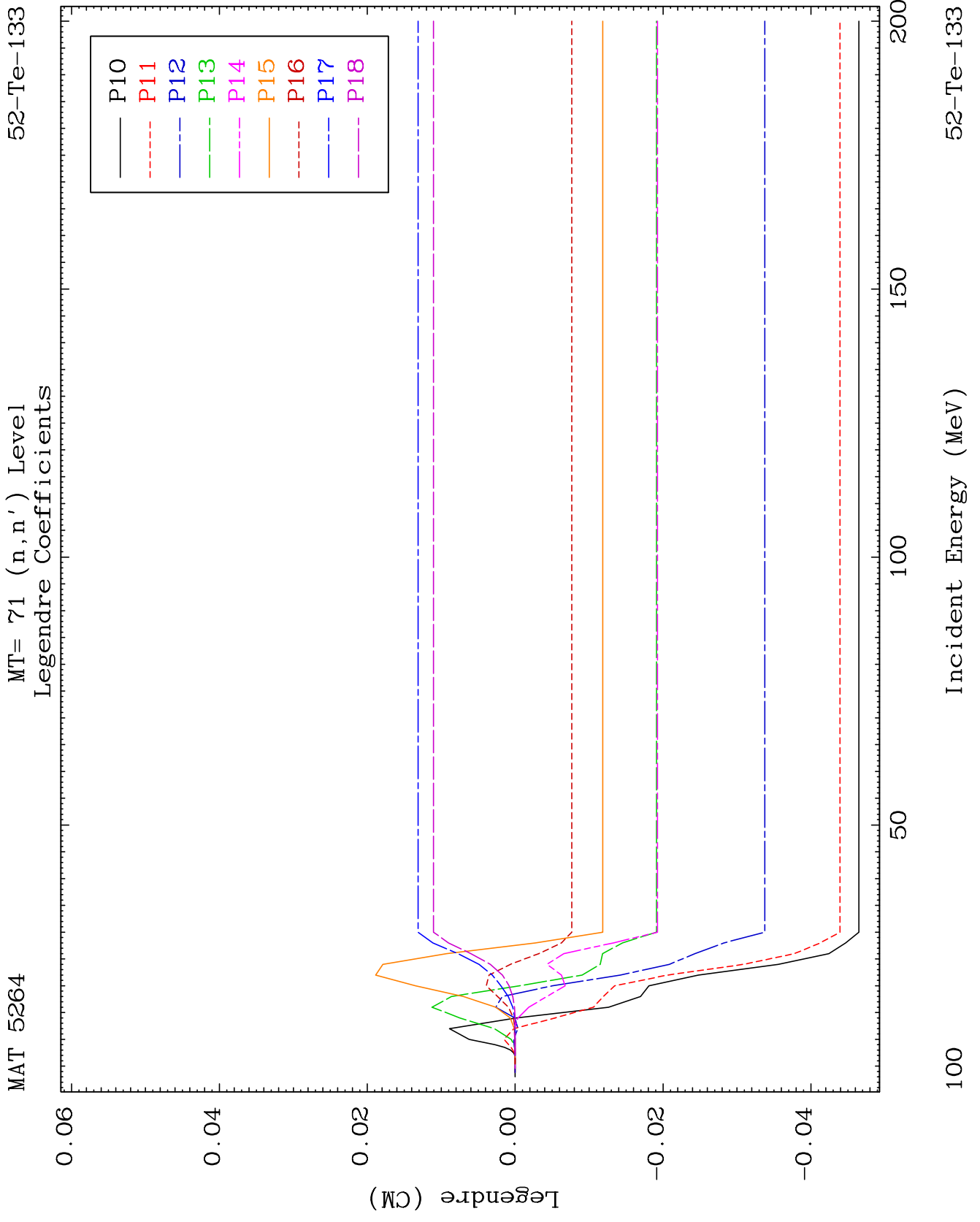
52-Te-133



99

Incident Energy (MeV)

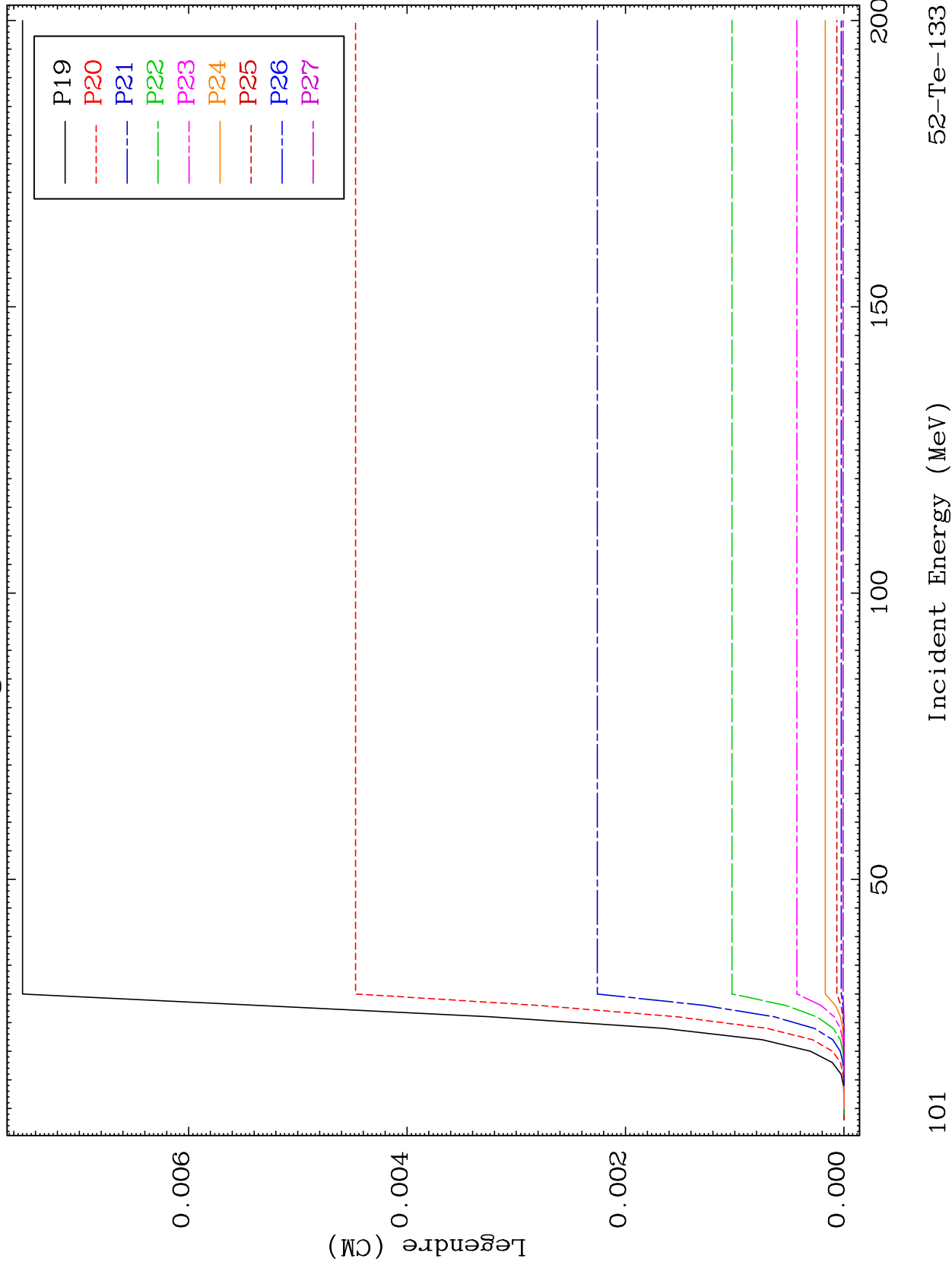
52-Te-133



MAT 5264

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

52-Te-133



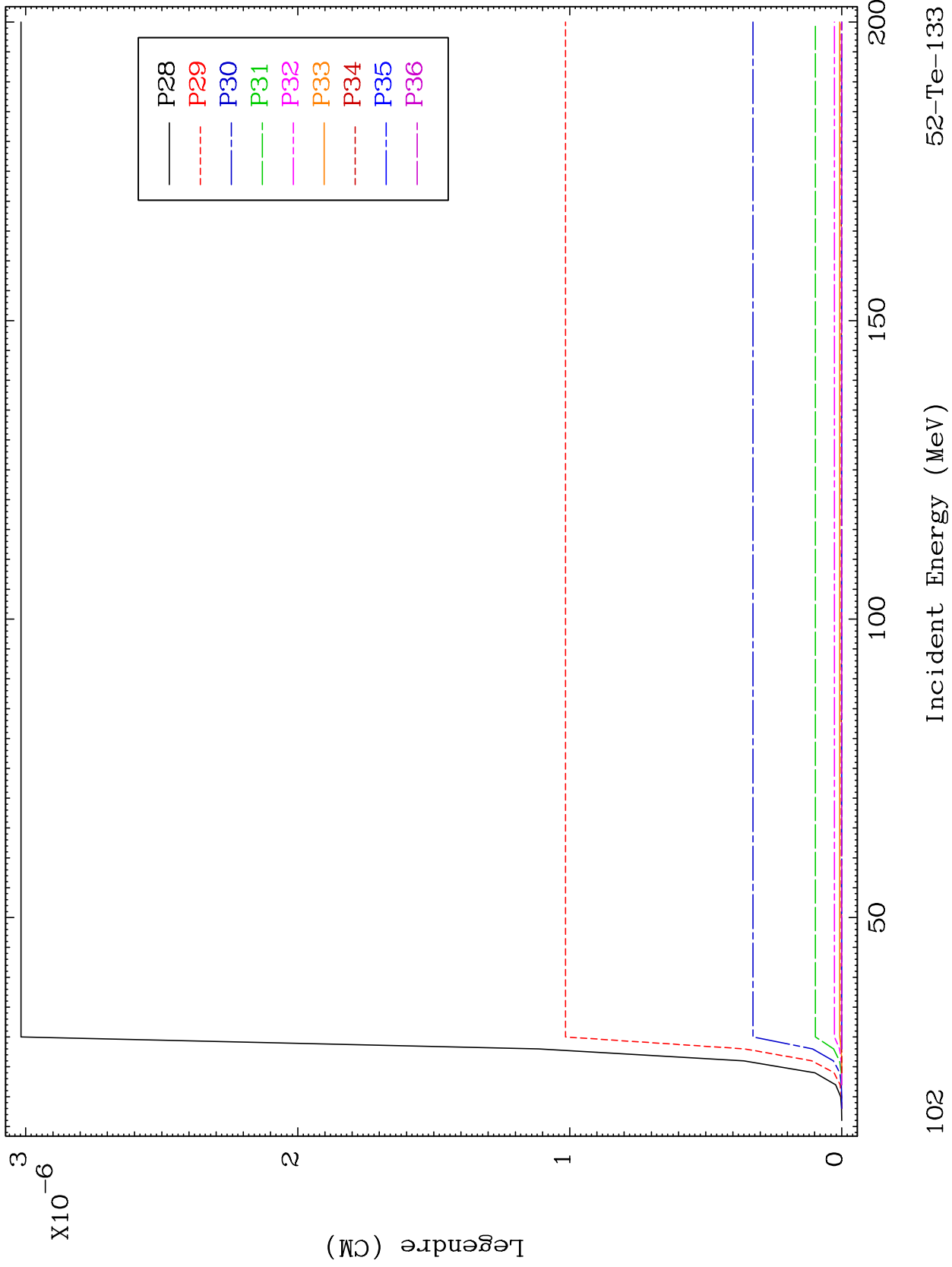
101

52-Te-133

MAT 5264

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

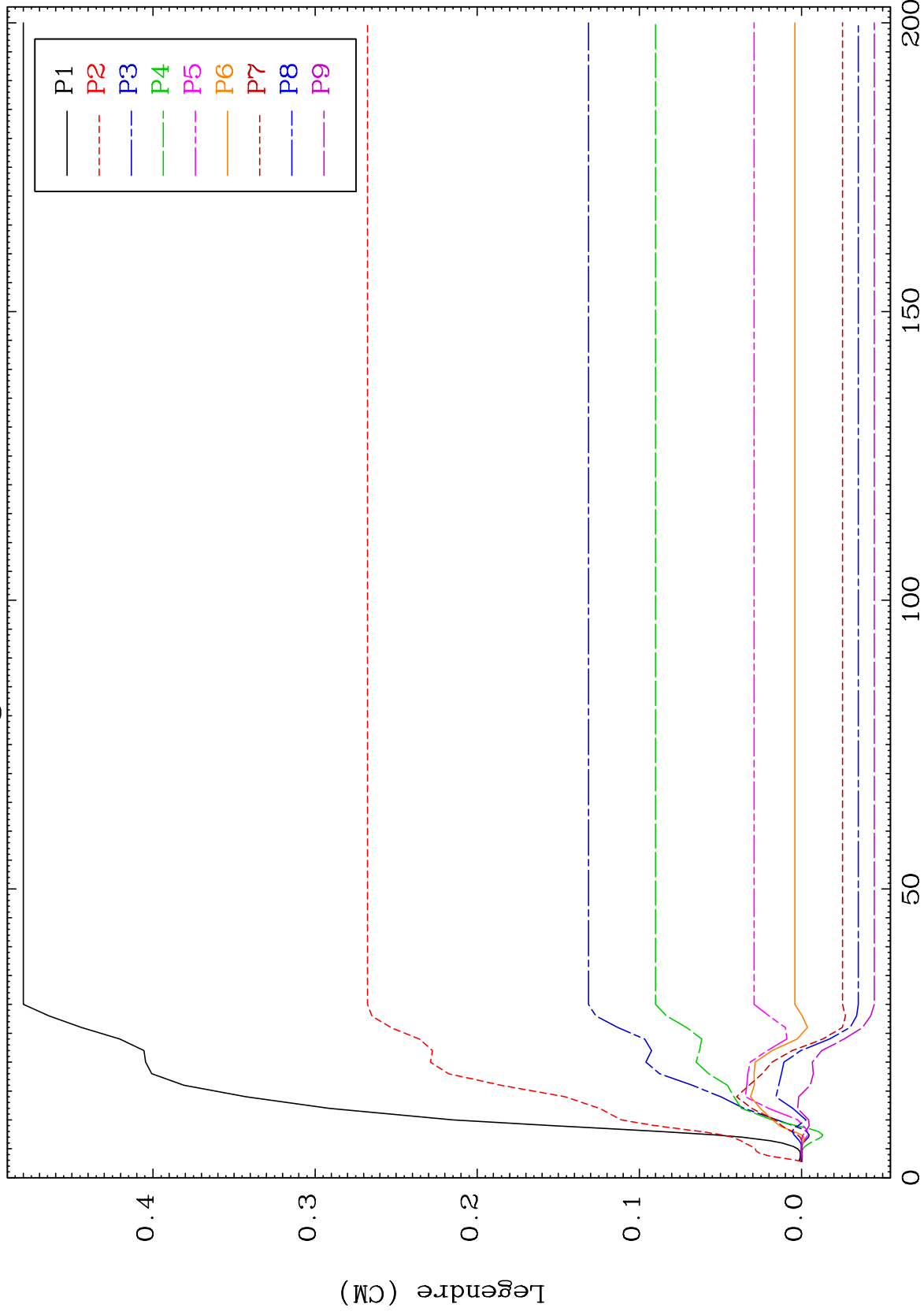
52-Te-133



MAT 5264

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

52-Te-133



103

Incident Energy (MeV)

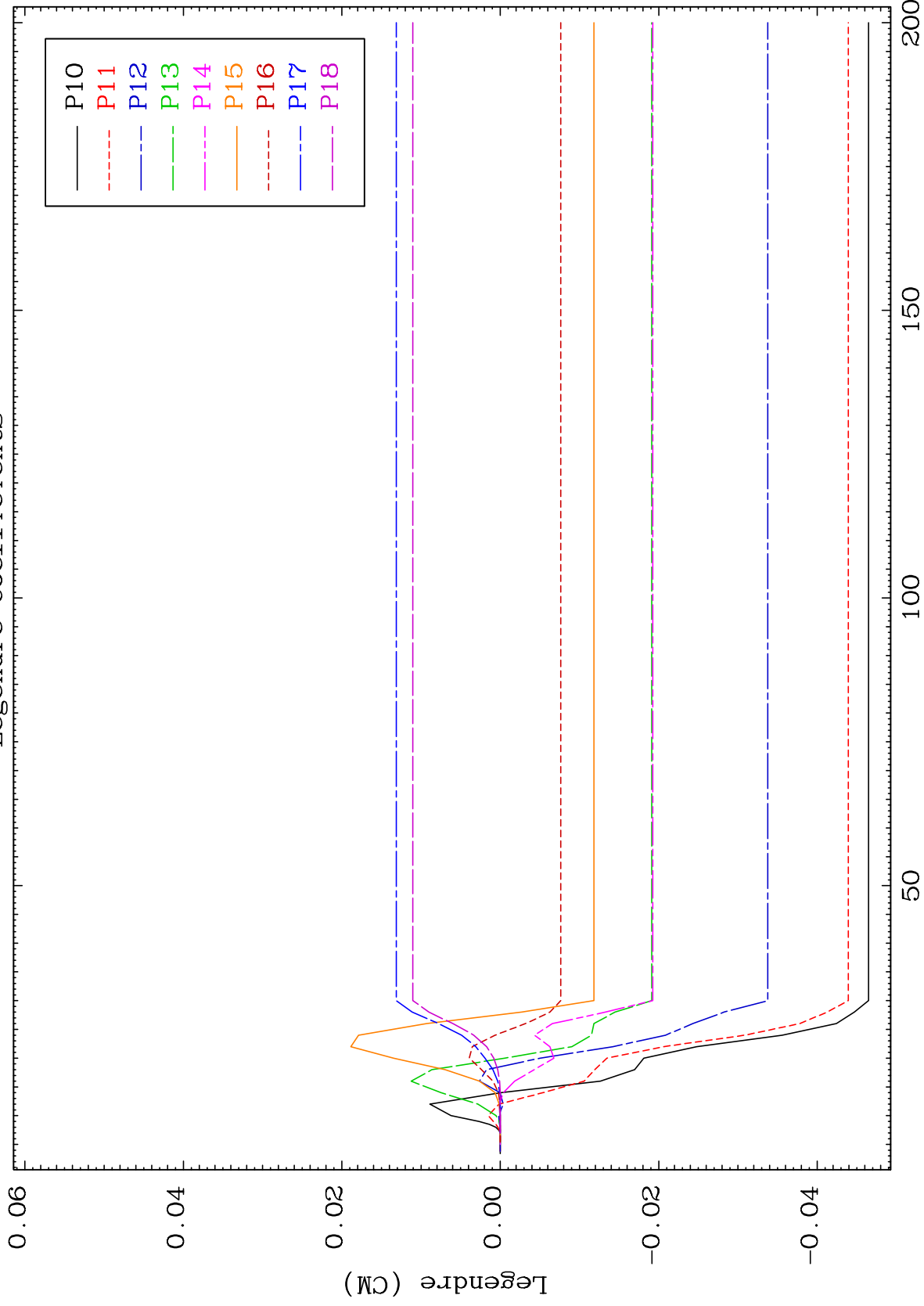
52-Te-133



MAT 5264

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

52-Te-133



104

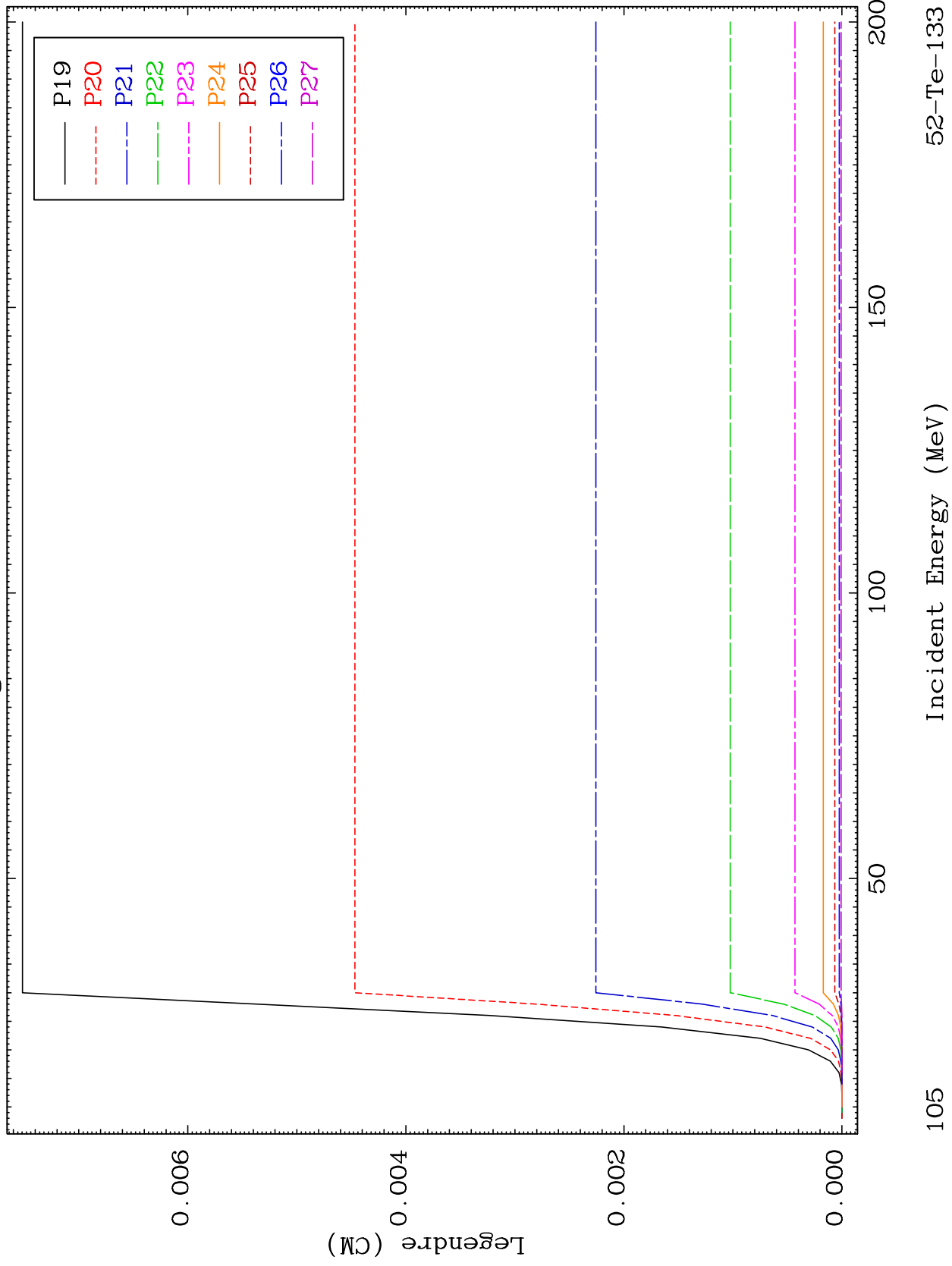
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



105

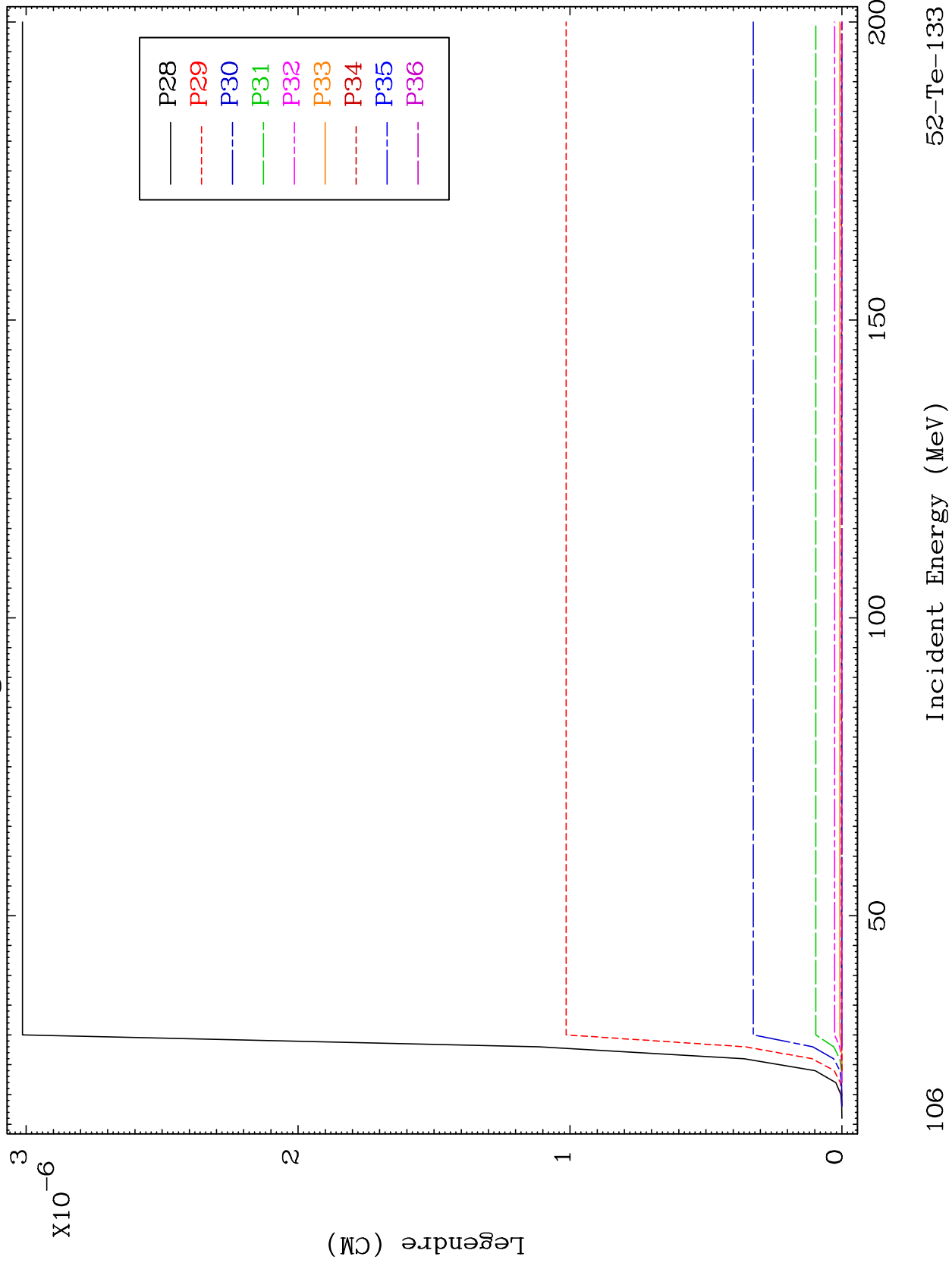
Incident Energy (MeV)

52-Te-133

MAT 5264

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

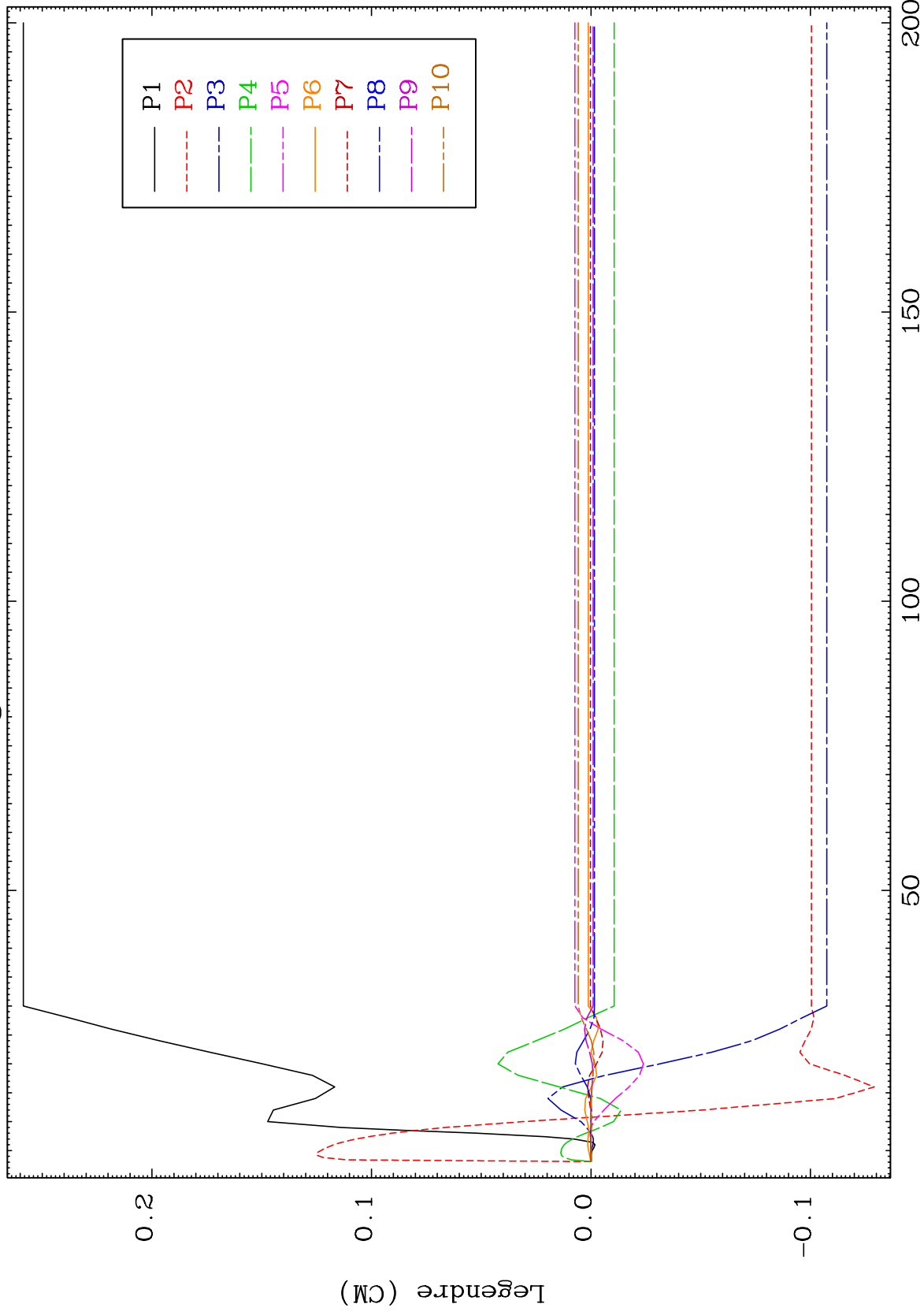
52-Te-133



MAT 5264

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

52-Te-133



107

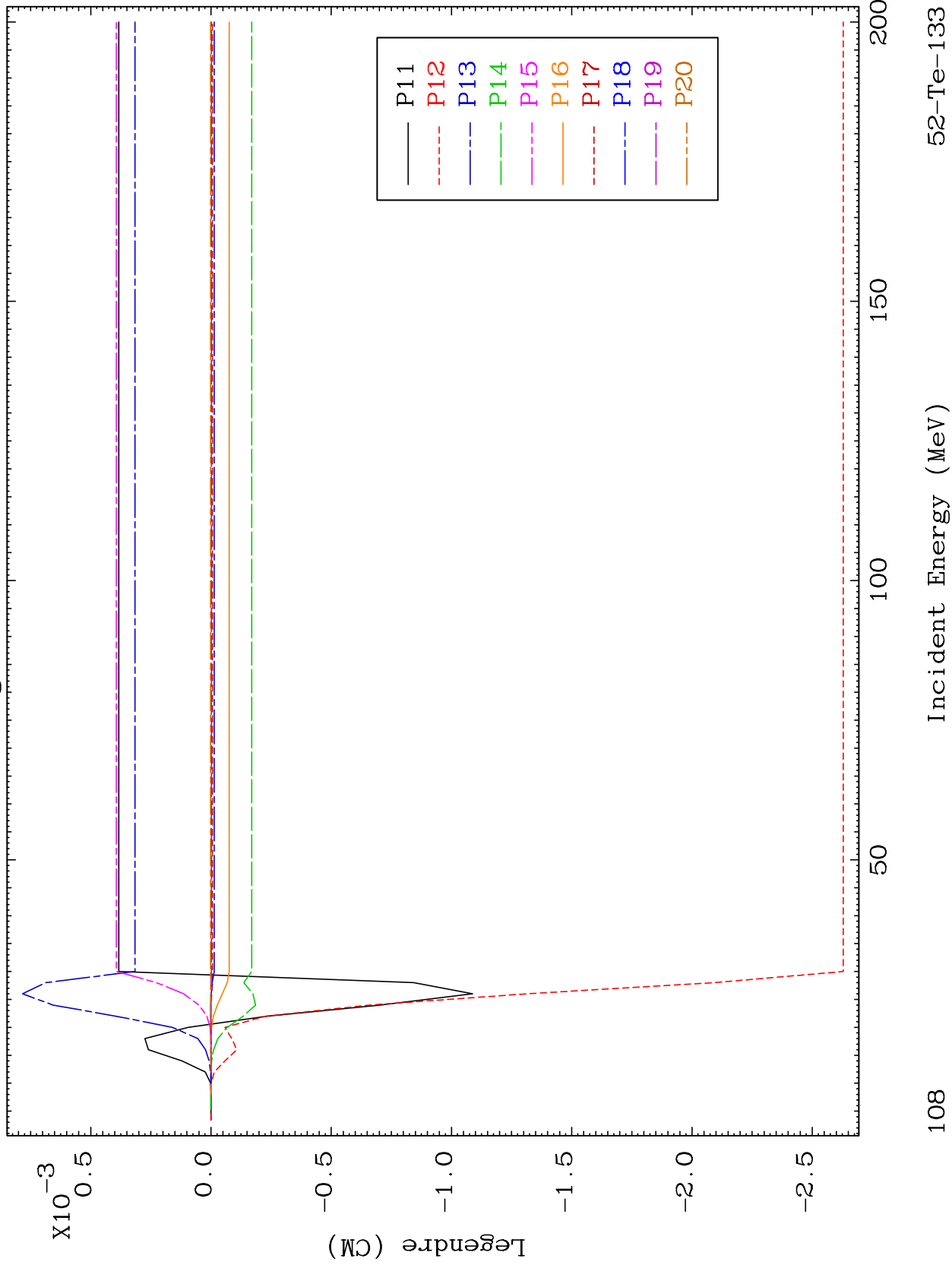
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



108

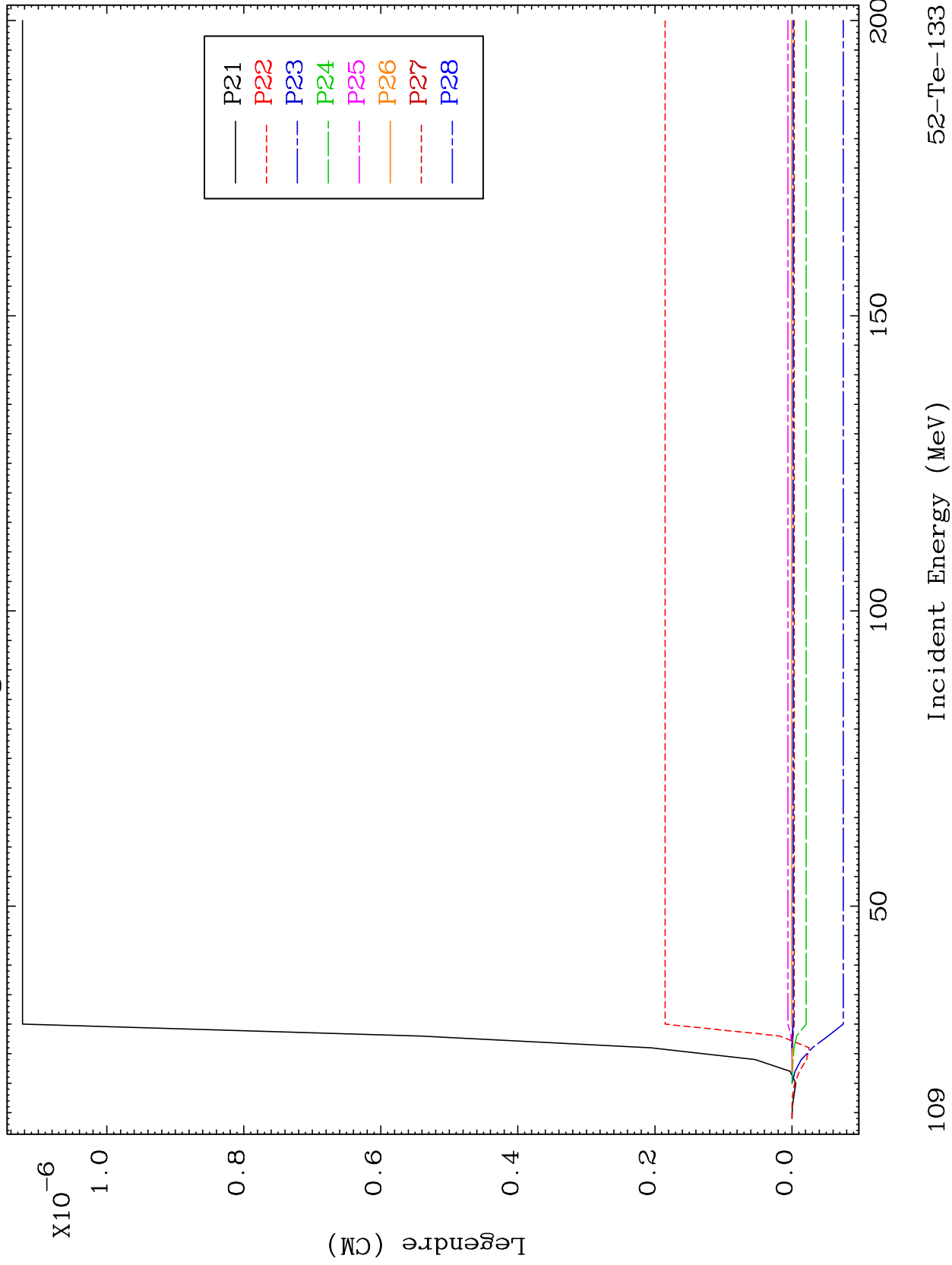
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



109

Incident Energy (MeV)

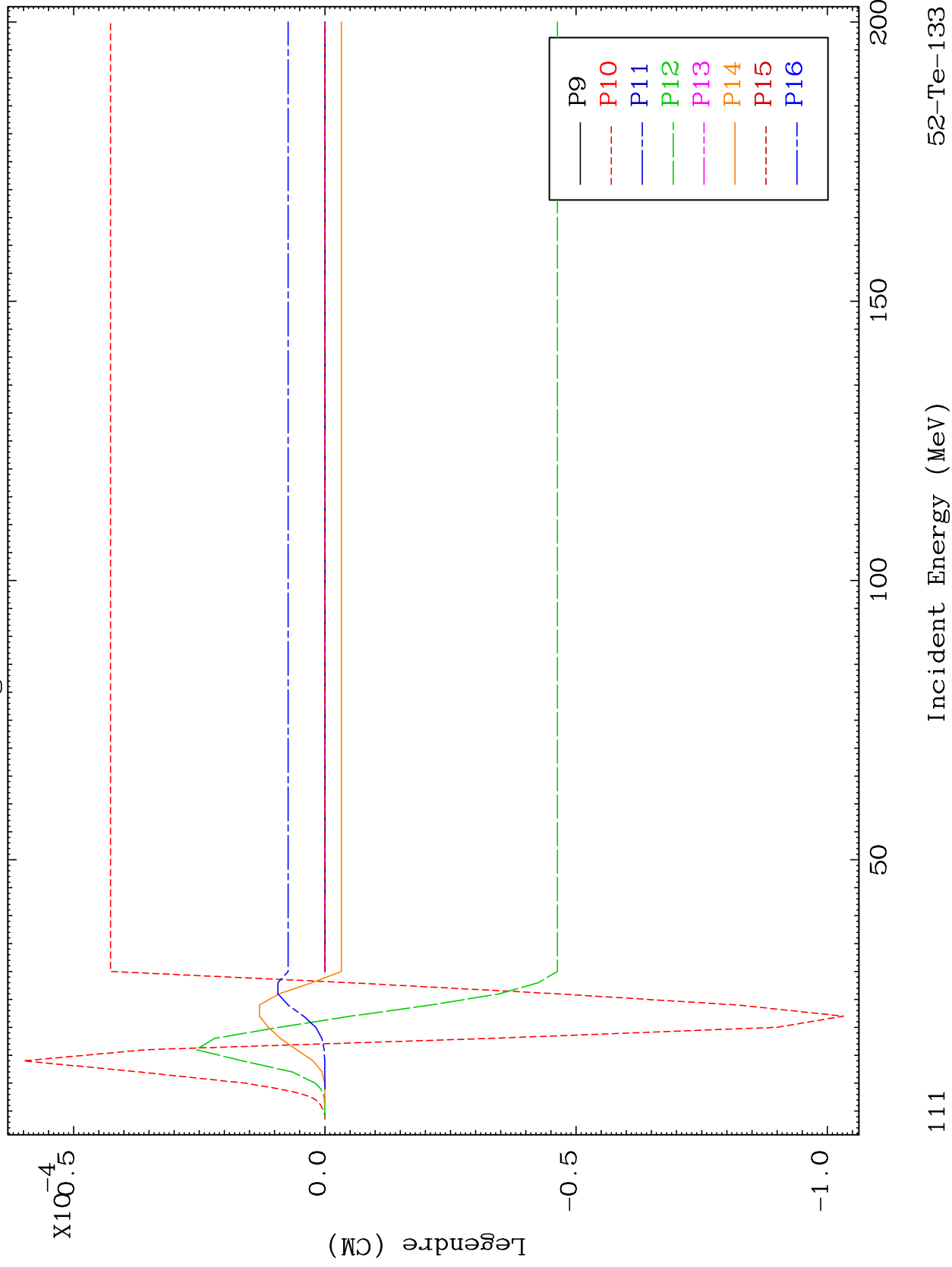
52-Te-133



MAT 5264

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

52-Te-133

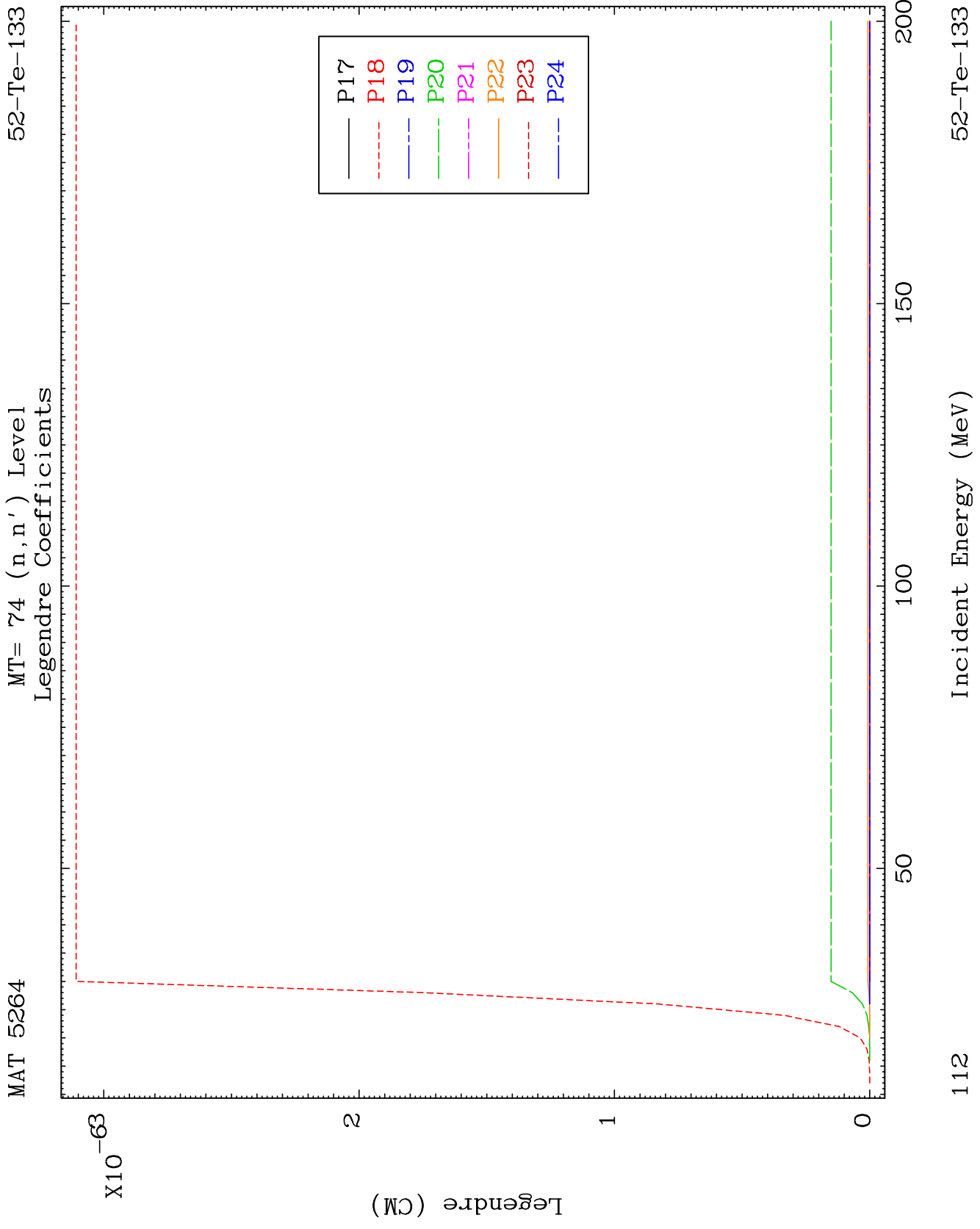


111

Incident Energy (MeV)

52-Te-133

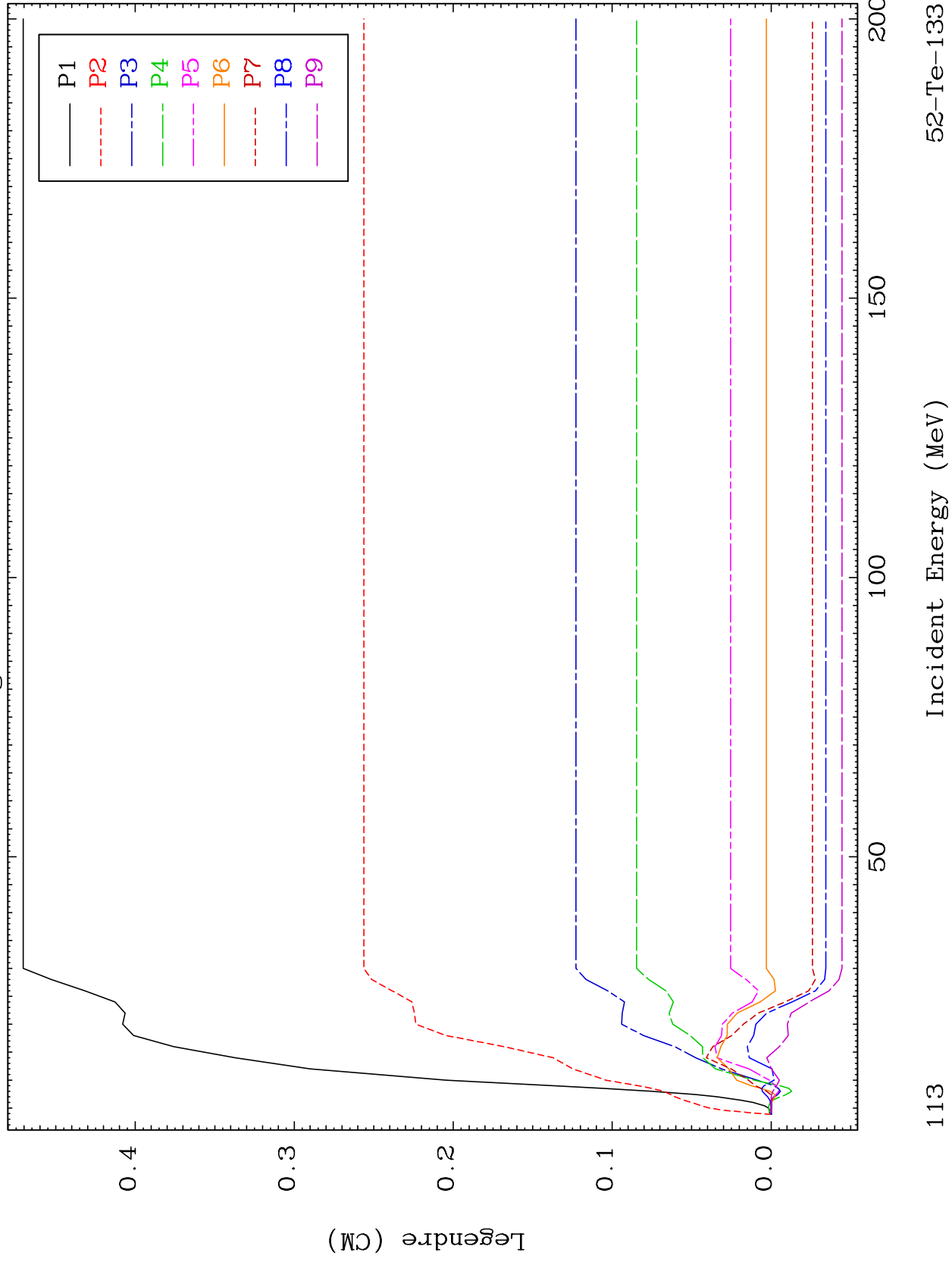




MAT 5264

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

52-Te-133



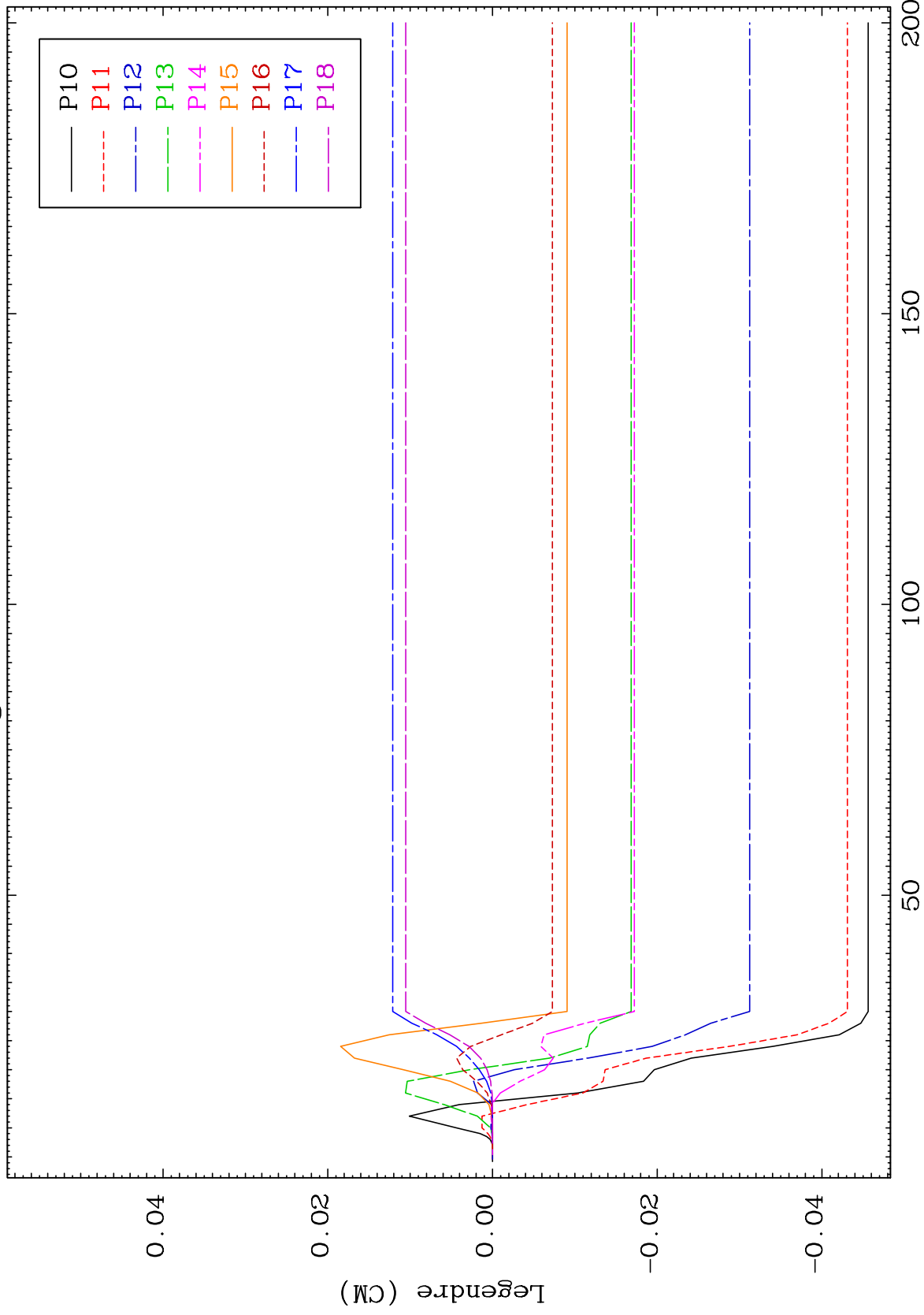
113

52-Te-133

MAT 5264

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

52-Te-133



114

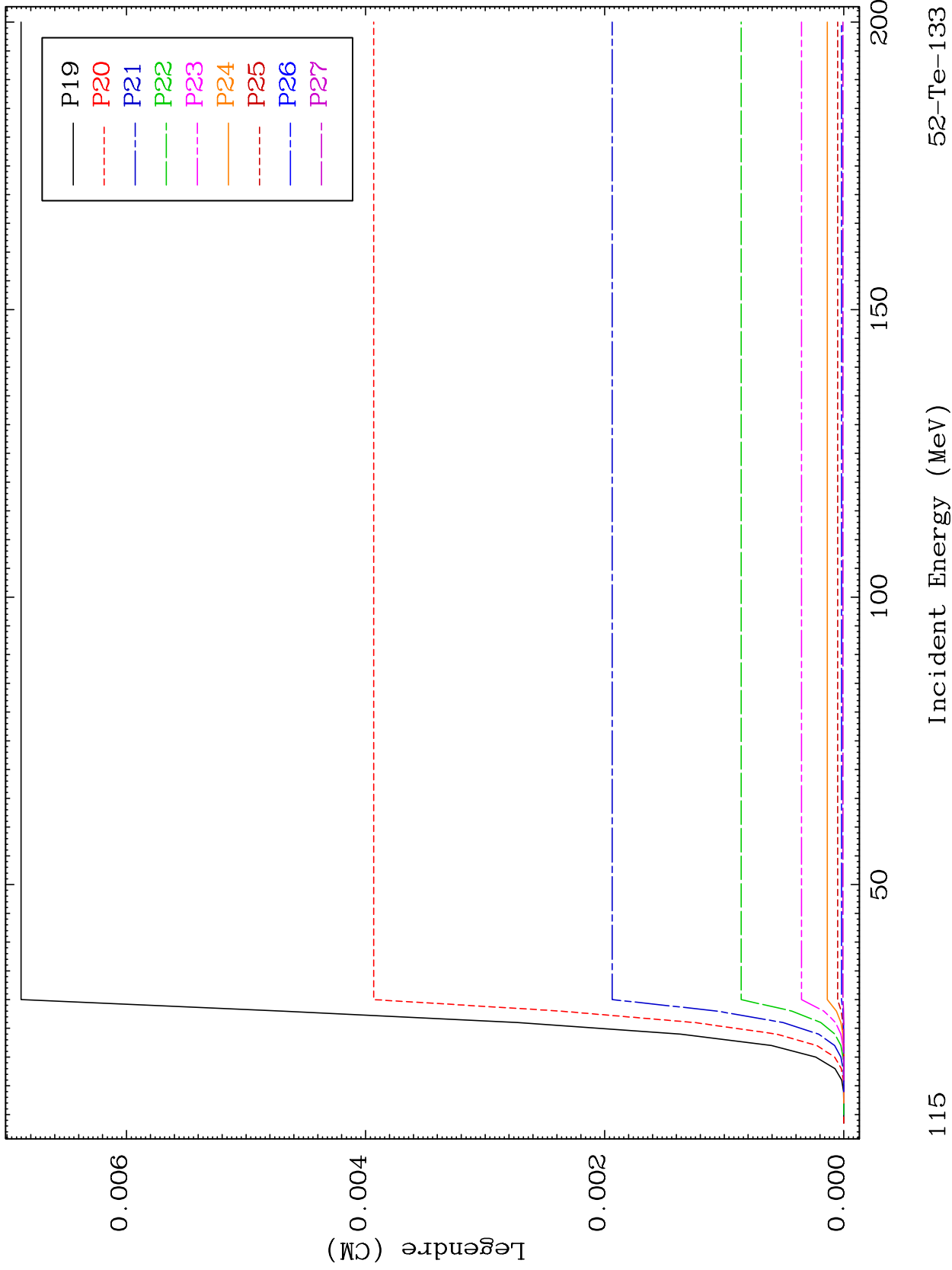
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



115

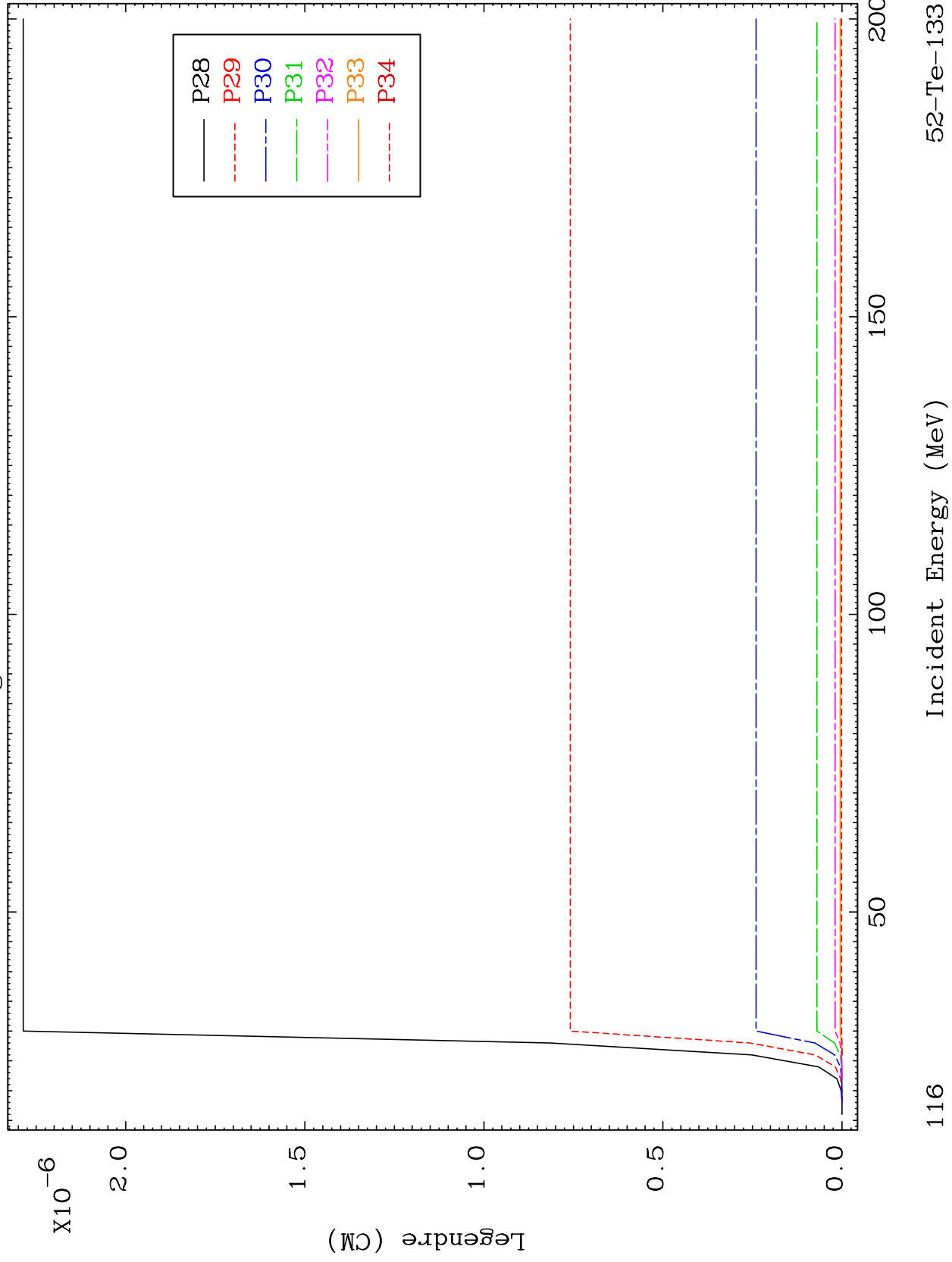
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



116

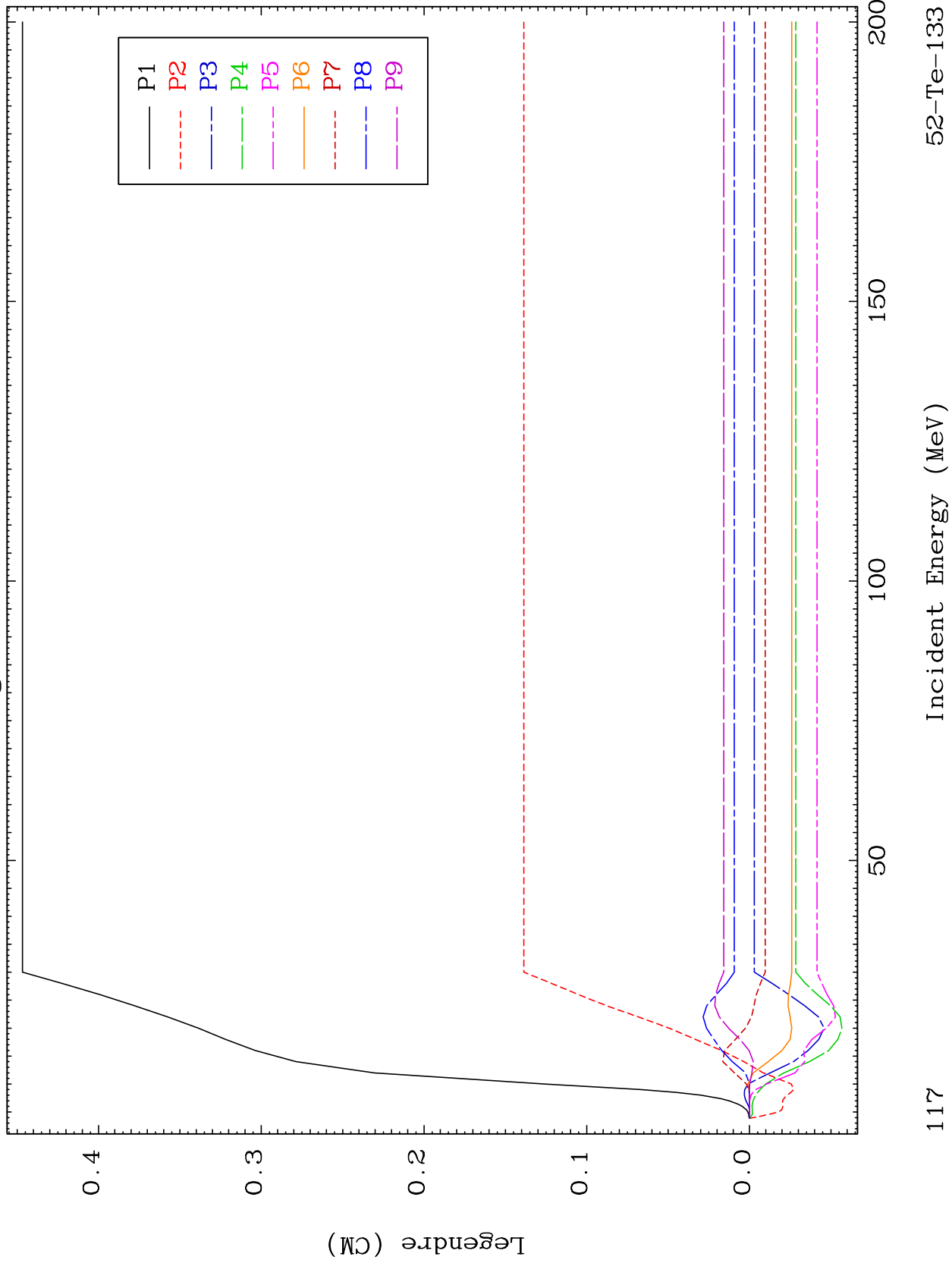
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



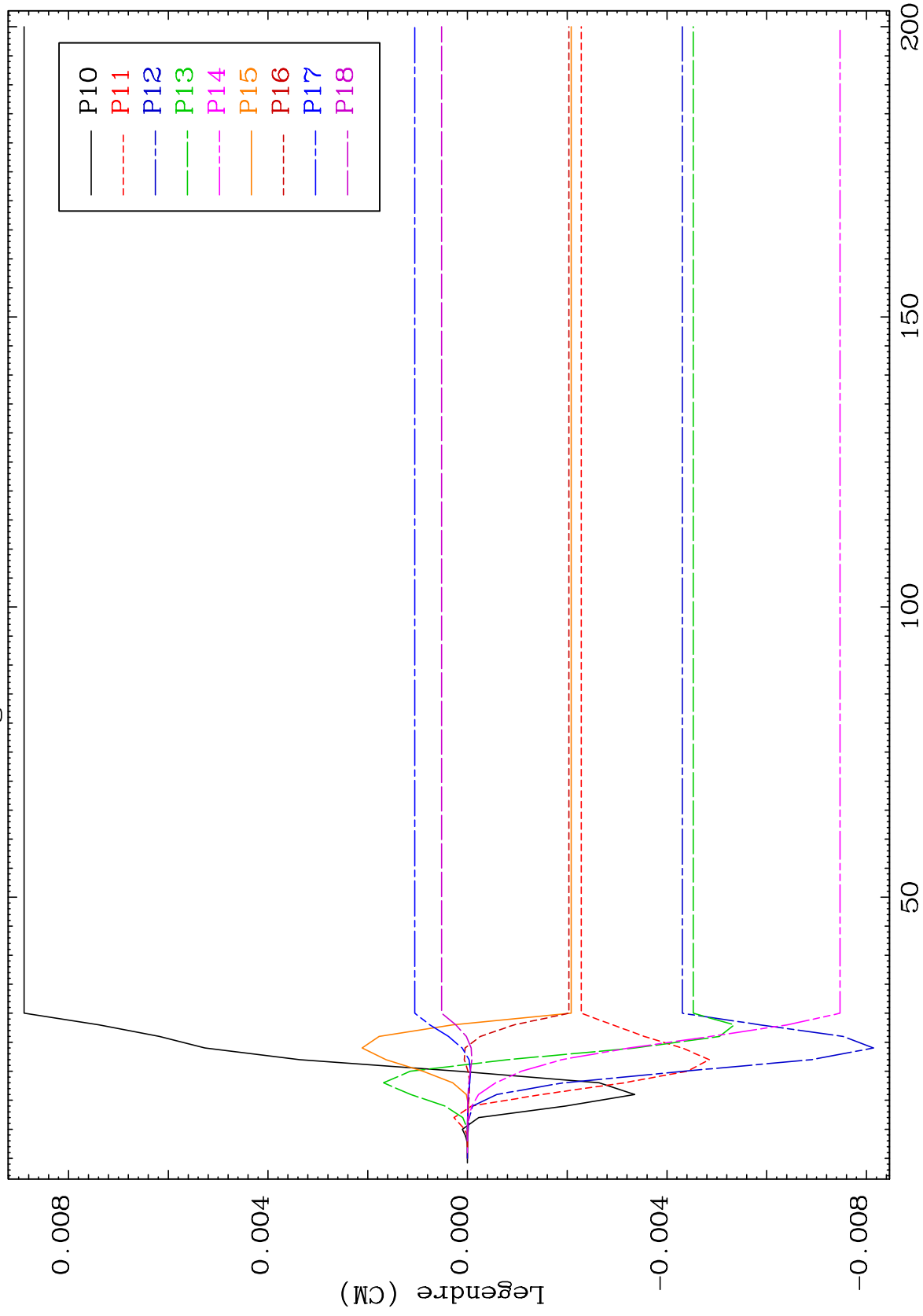
117

52-Te-133

MAT 5264

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

52-Te-133



118

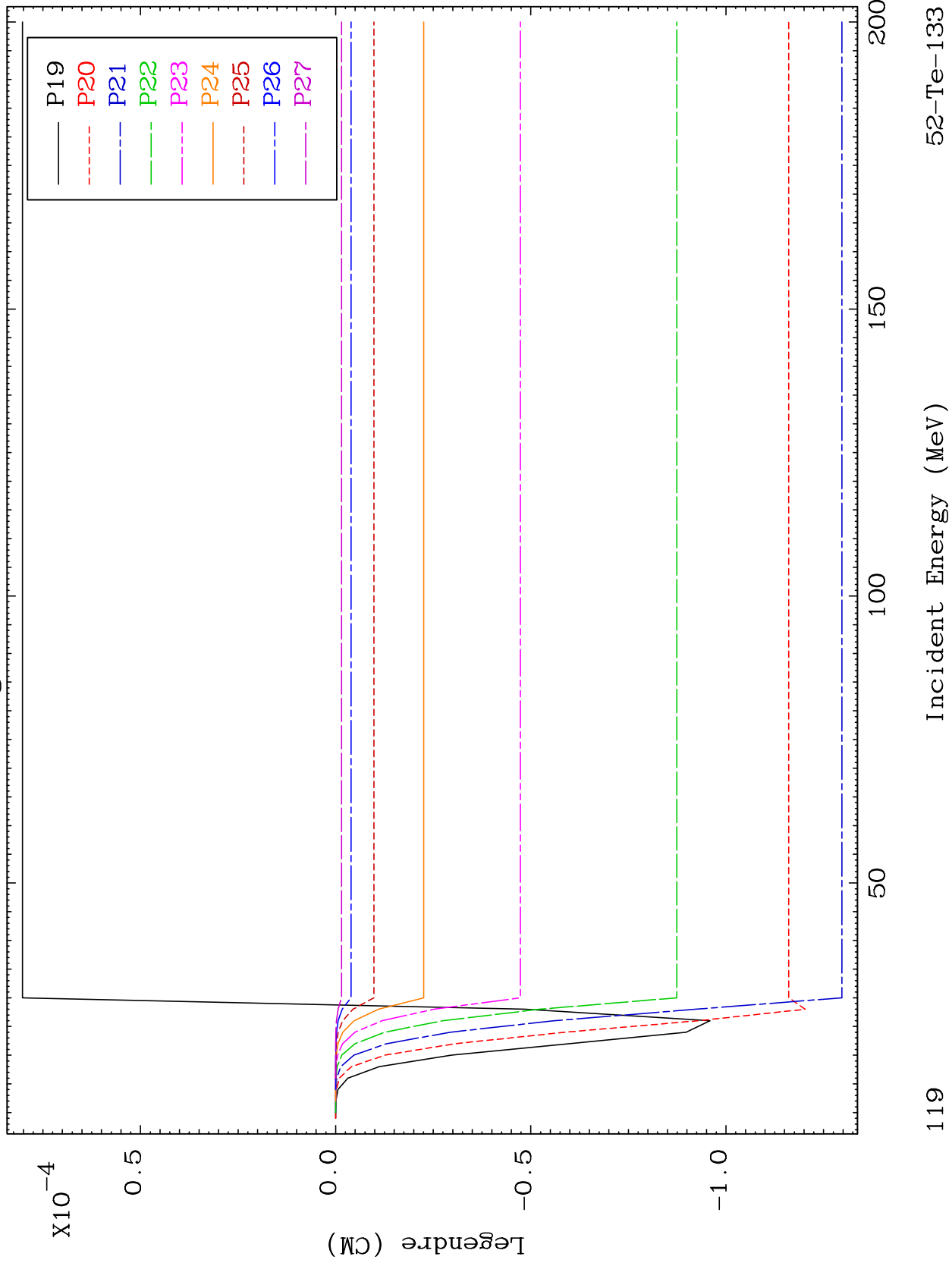
Incident Energy (MeV)

52-Te-133

MAT 5264

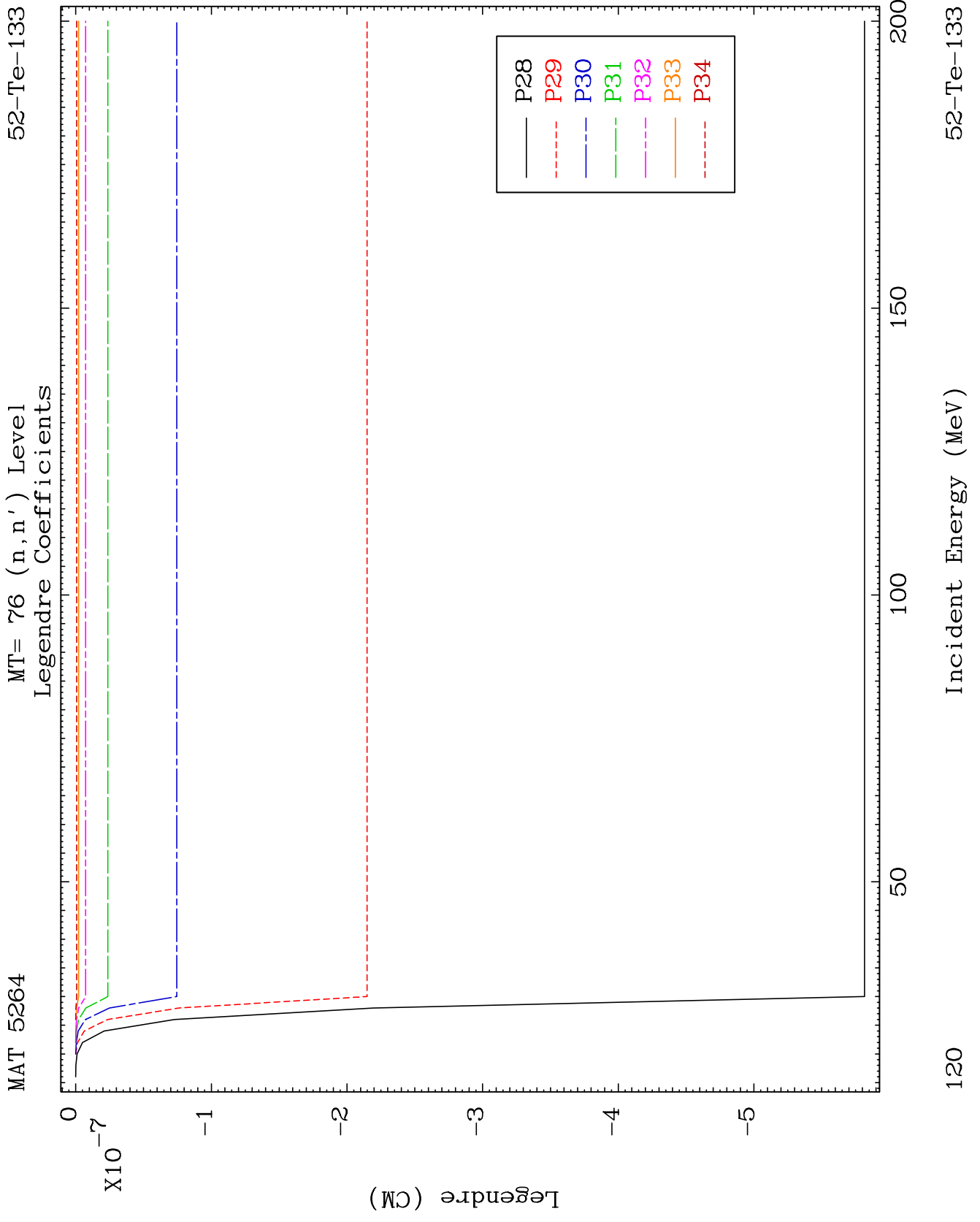
MT= 76 (n,n') Level  
Legendre Coefficients

52-Te-133



119

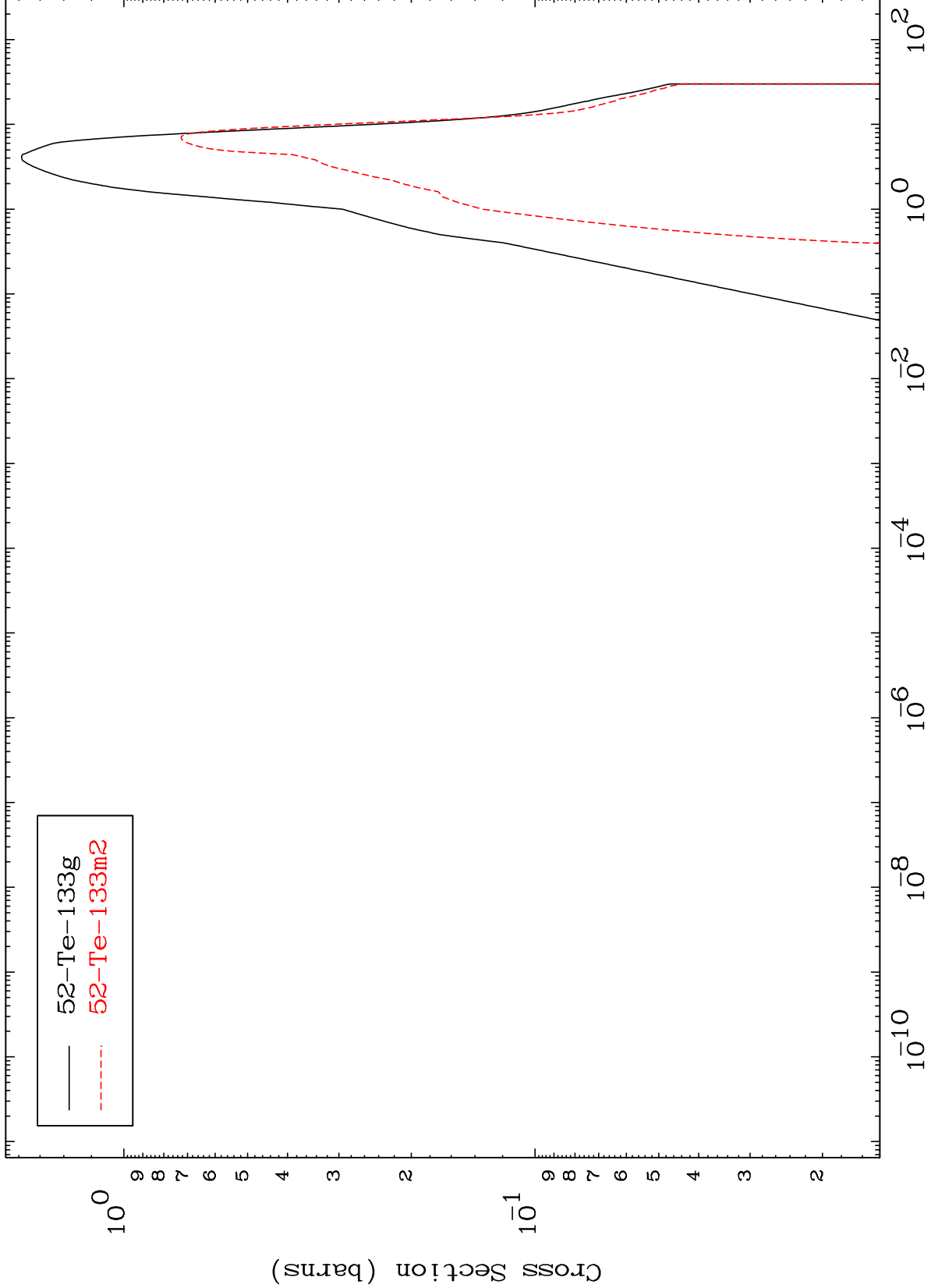




MAT 5264

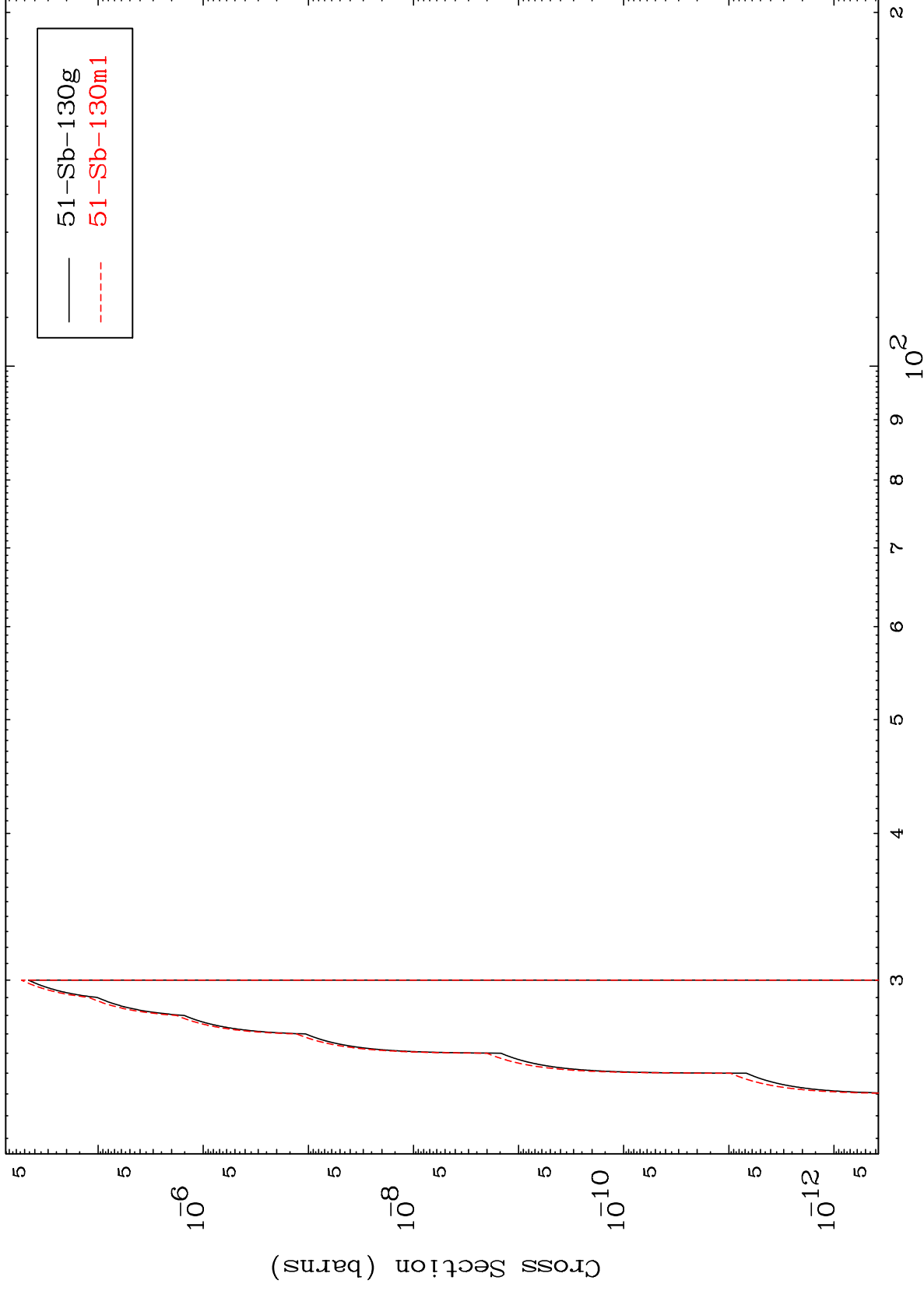
Radionuclide Production Cross Section

52-Te-133



52-Te-133g  
52-Te-133m2

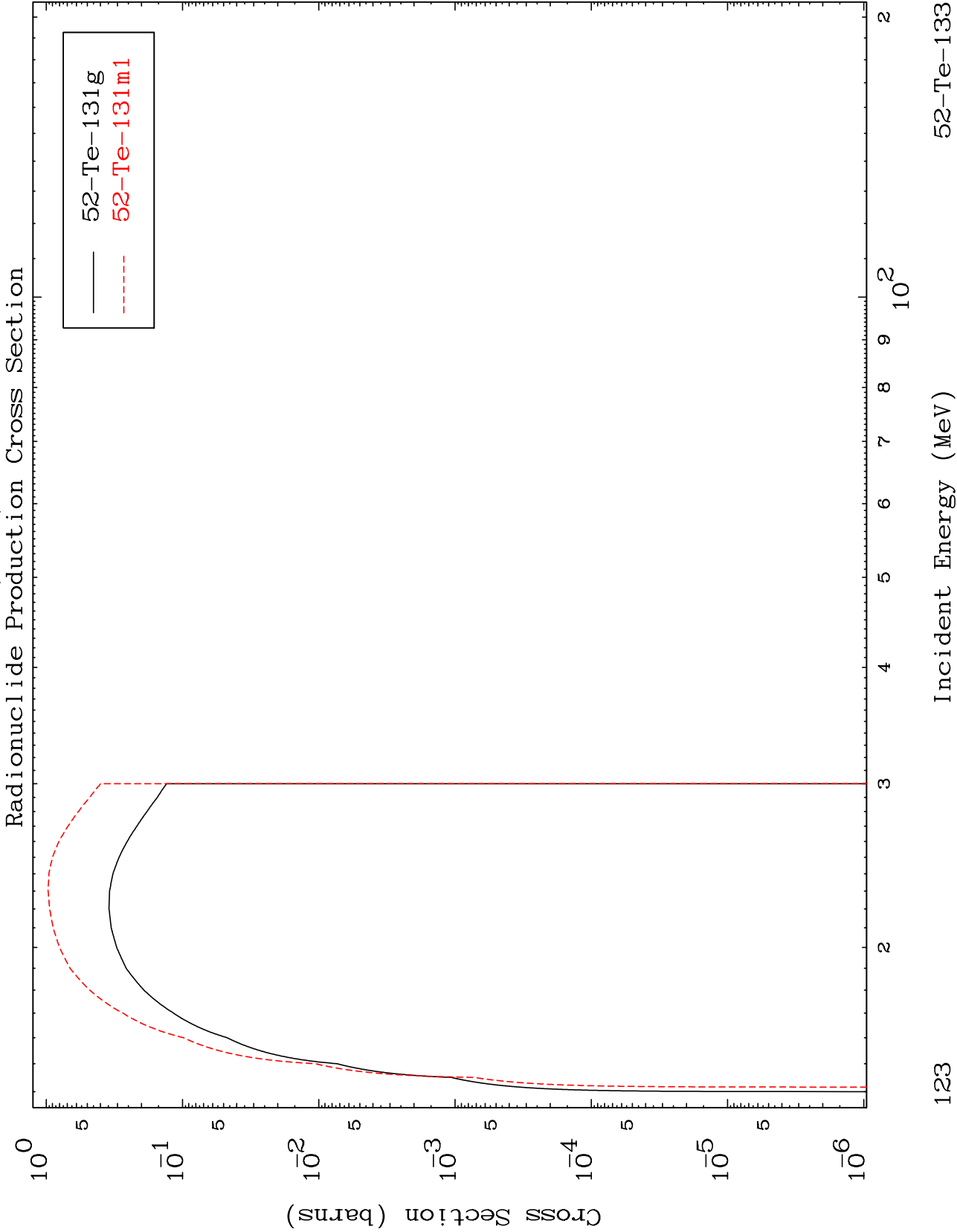
Radionuclide Production Cross Section



MAT 5264

(n,3n)

52-Te-133



123

Incident Energy (MeV)

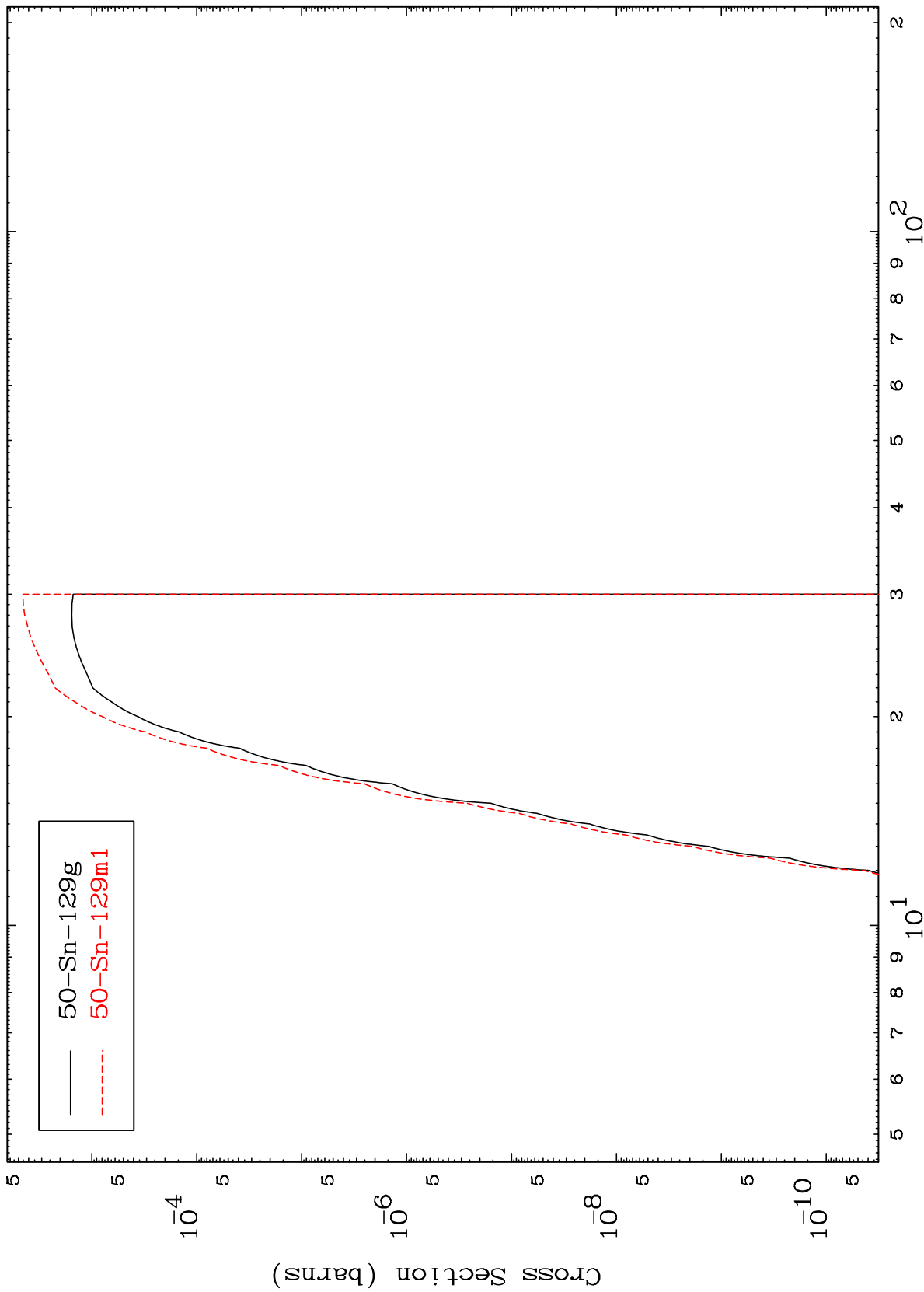
52-Te-133

MAT 5264

(n,n')  $\alpha$

52-Te-133

Radionuclide Production Cross Section



124

Incident Energy (MeV)

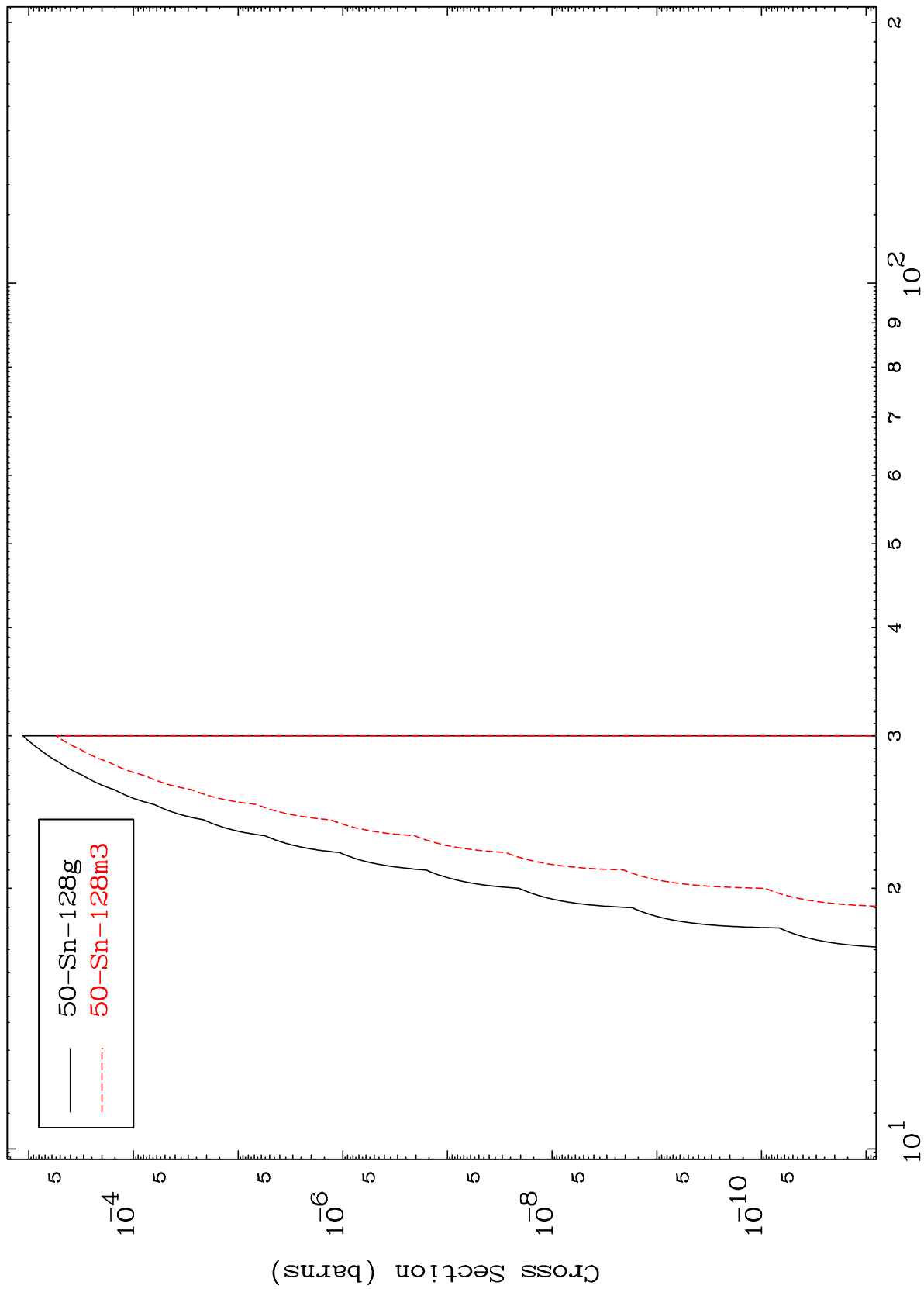
52-Te-133

MAT 5264

(n,2n)  $\alpha$

52-Te-133

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-133

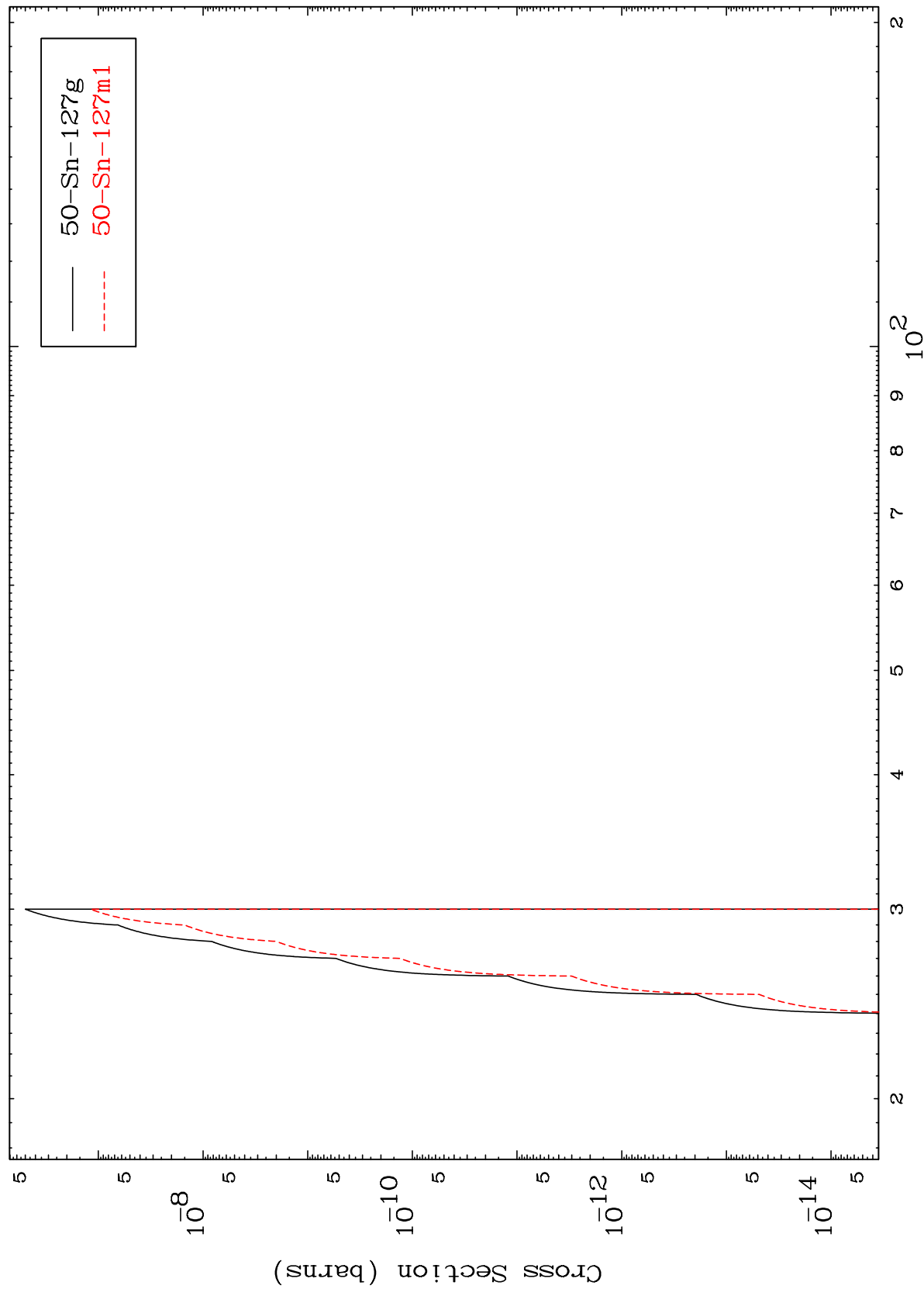
125

MAT 5264

(n,3n)  $\alpha$

52-Te-133

Radionuclide Production Cross Section

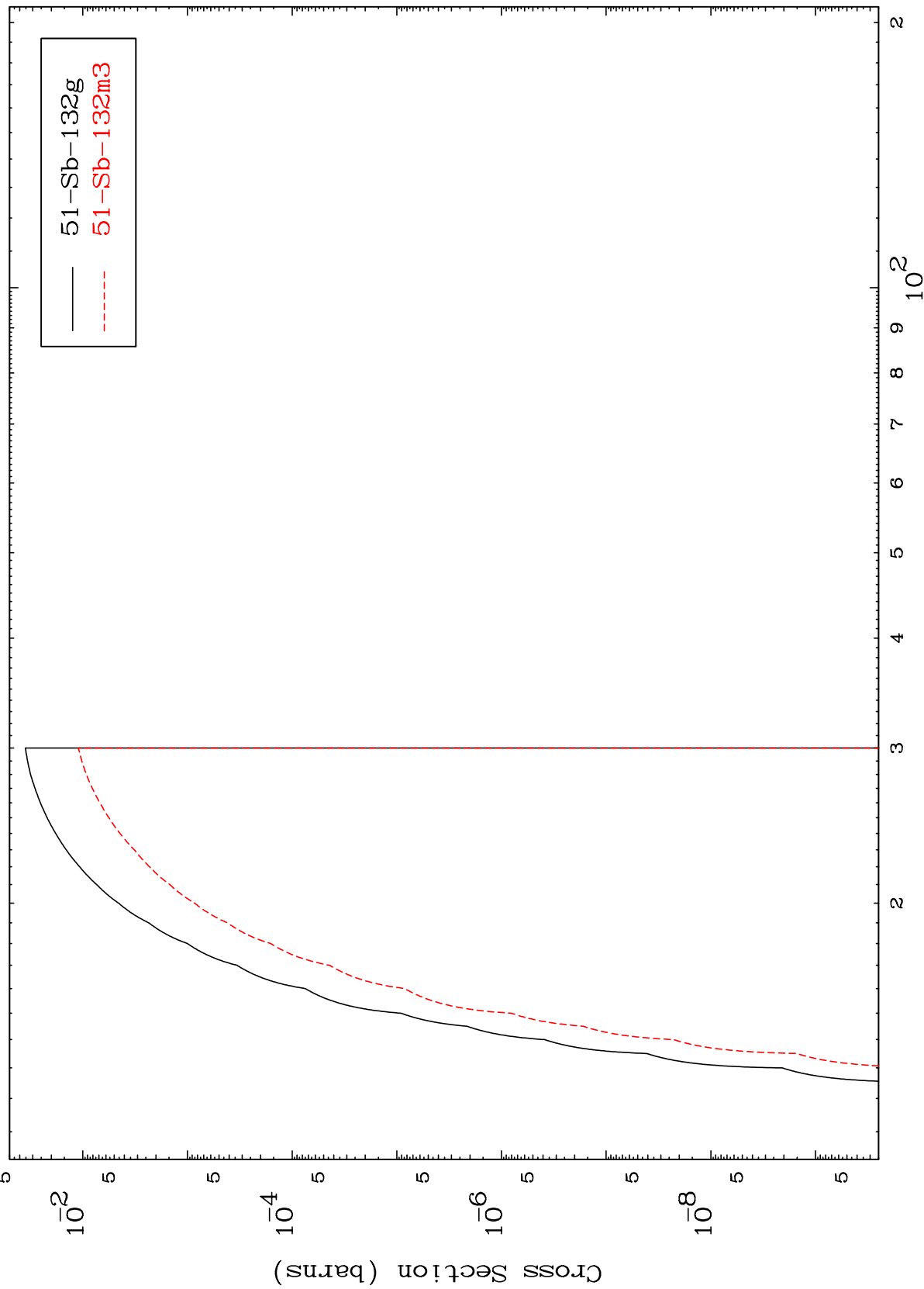


126

Incident Energy (MeV)

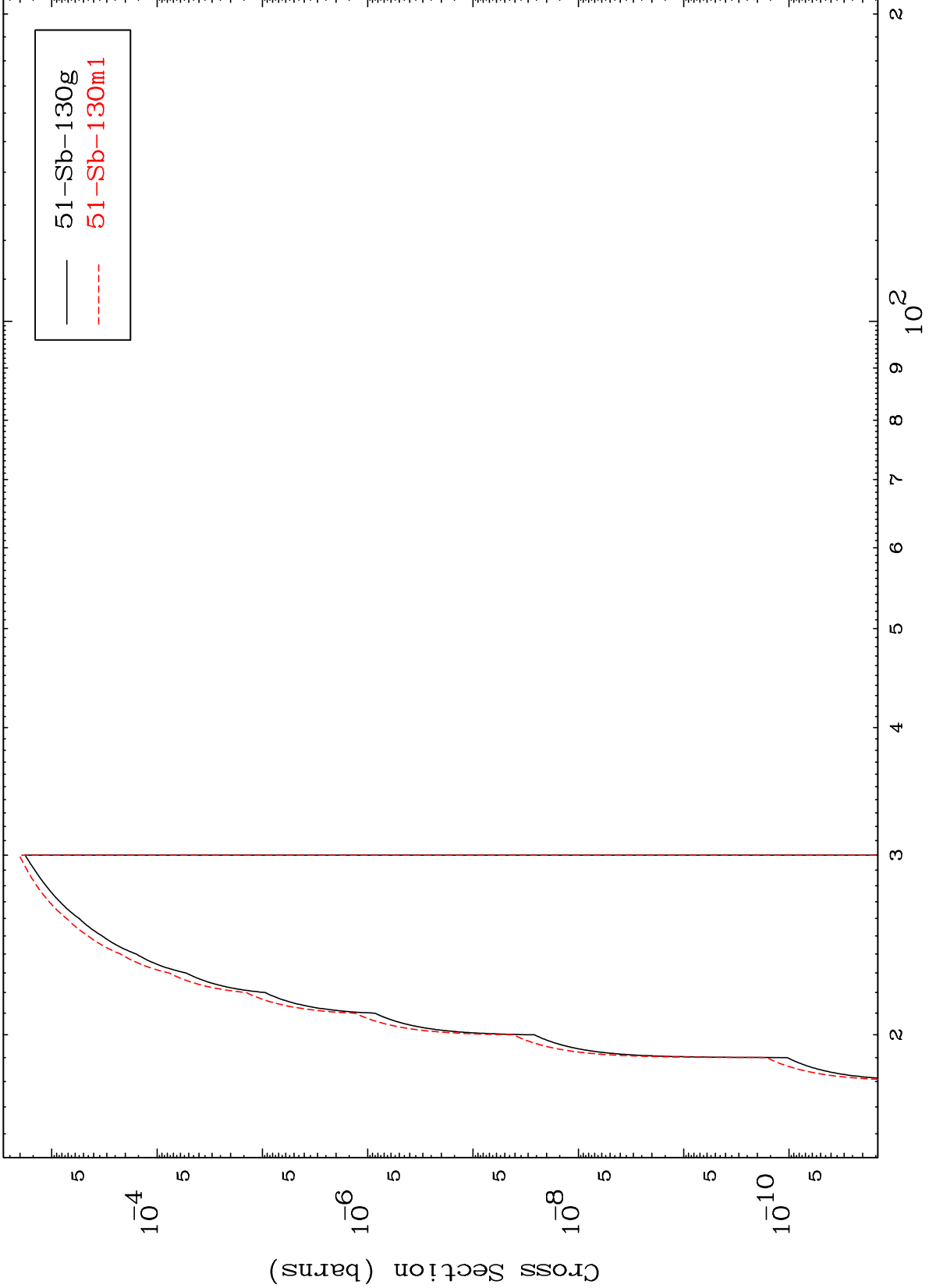
52-Te-133

Radionuclide Production Cross Section





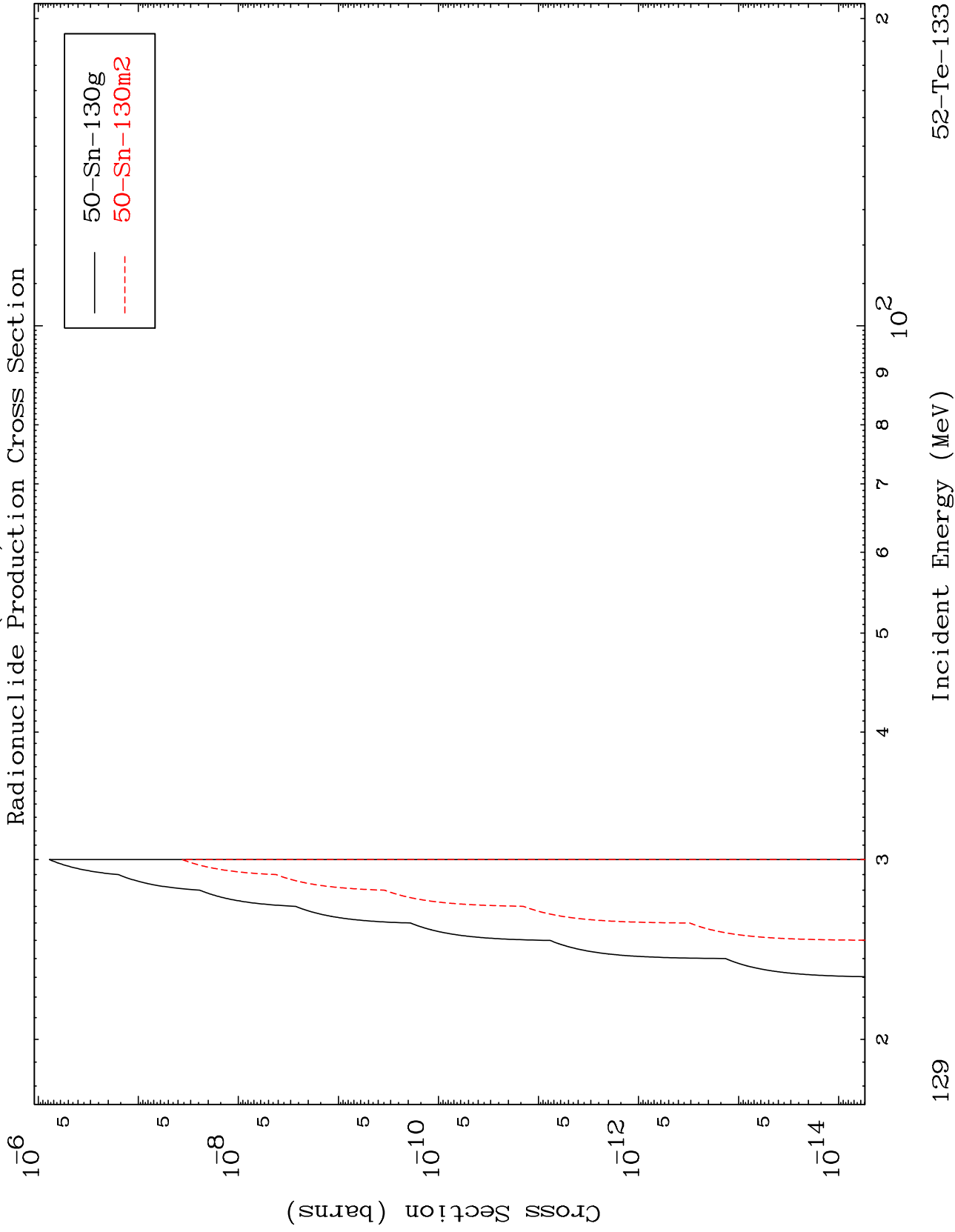
Radionuclide Production Cross Section



MAT 5264

(n,n') He-3

52-Te-133



129

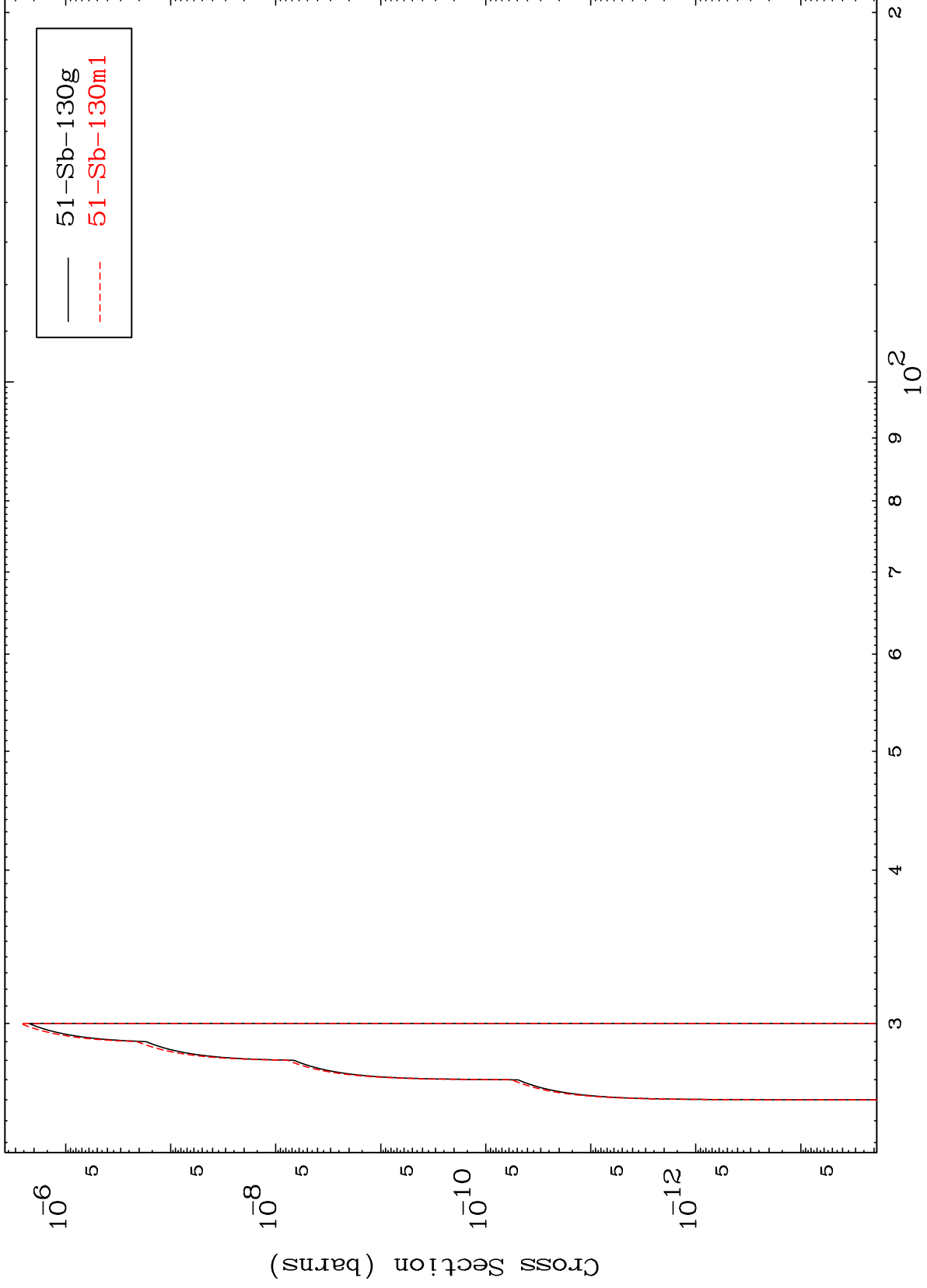
52-Te-133

MAT 5264

(n,3n) p

52-Te-133

Radionuclide Production Cross Section



130

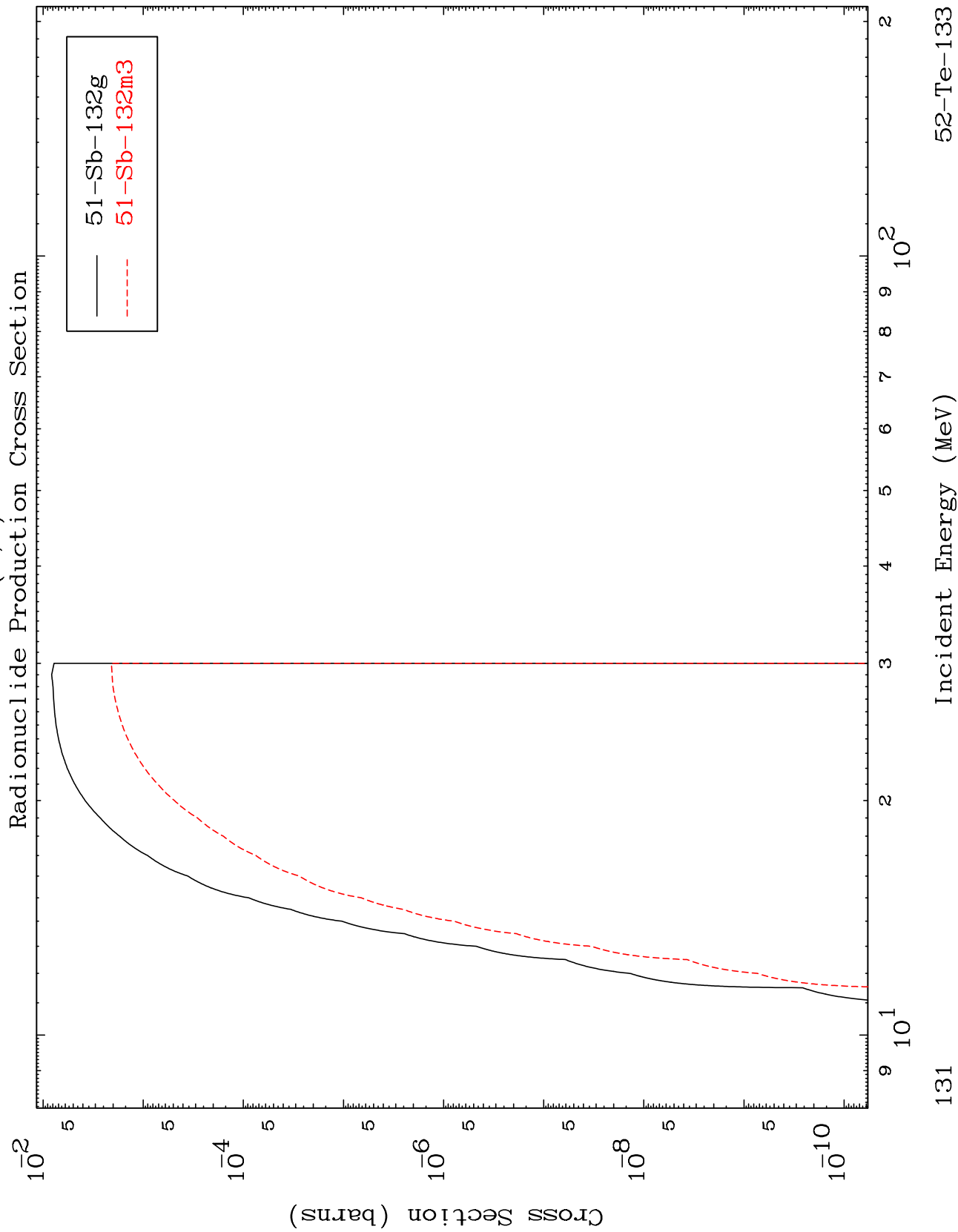
Incident Energy (MeV)

52-Te-133

MAT 5264

(n,d)

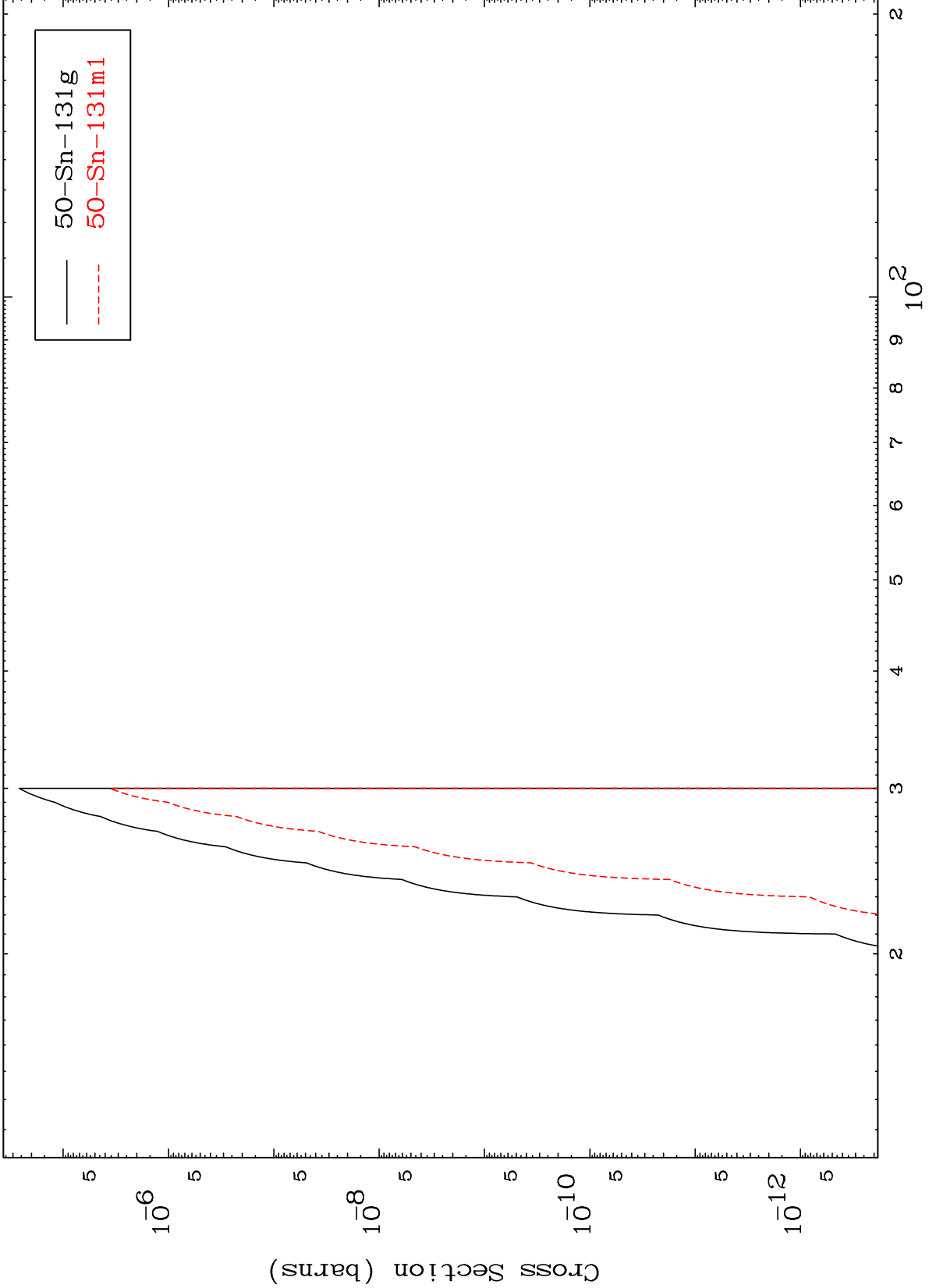
52-Te-133



131

52-Te-133

Radionuclide Production Cross Section

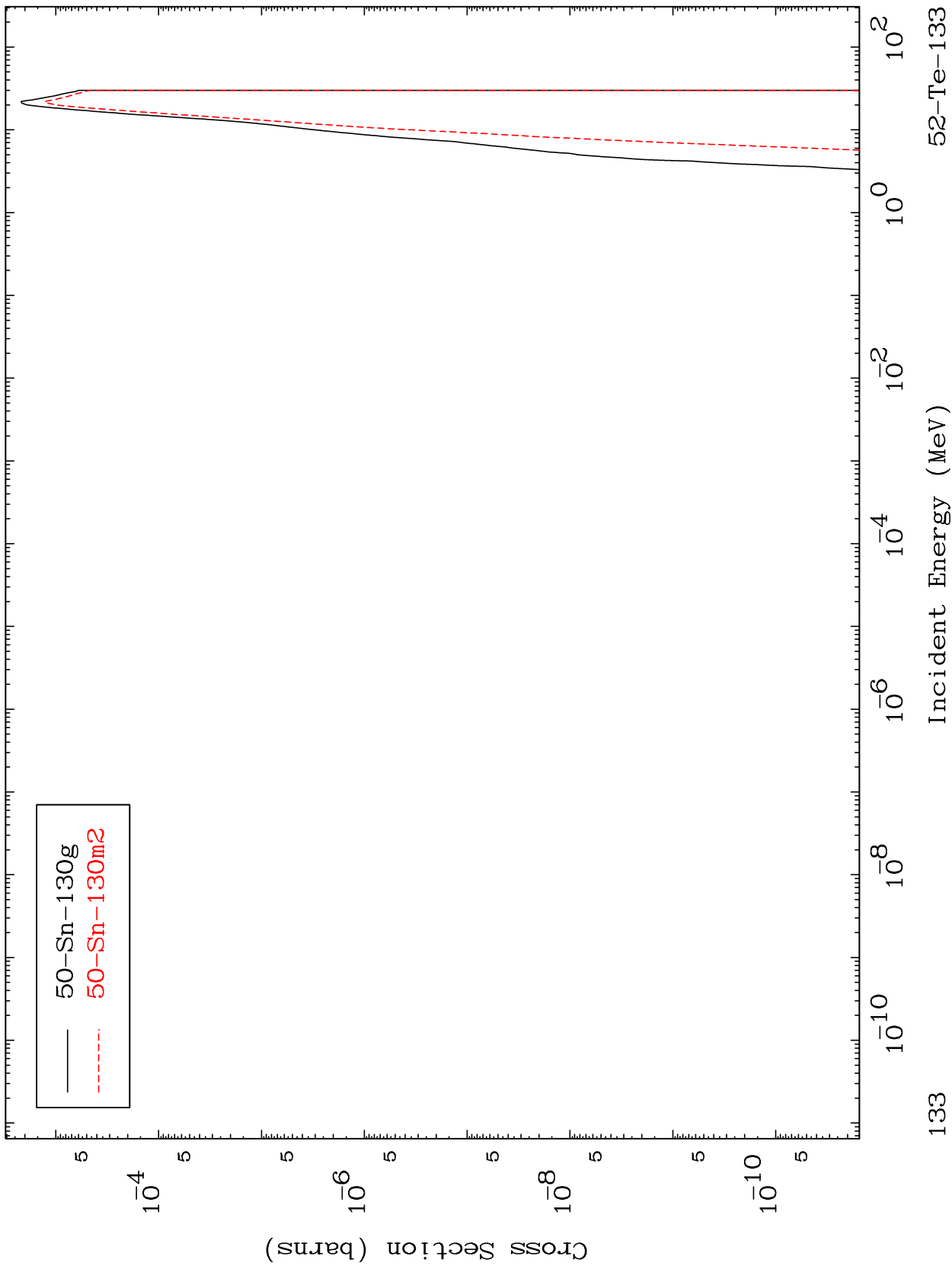


MAT 5264

(n,  $\alpha$ )

52-Te-133

Radionuclide Production Cross Section



133

Incident Energy (MeV)

52-Te-133

Radionuclide Production Cross Section

