

Program EVALPLOT  
(Version 2018-1)

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

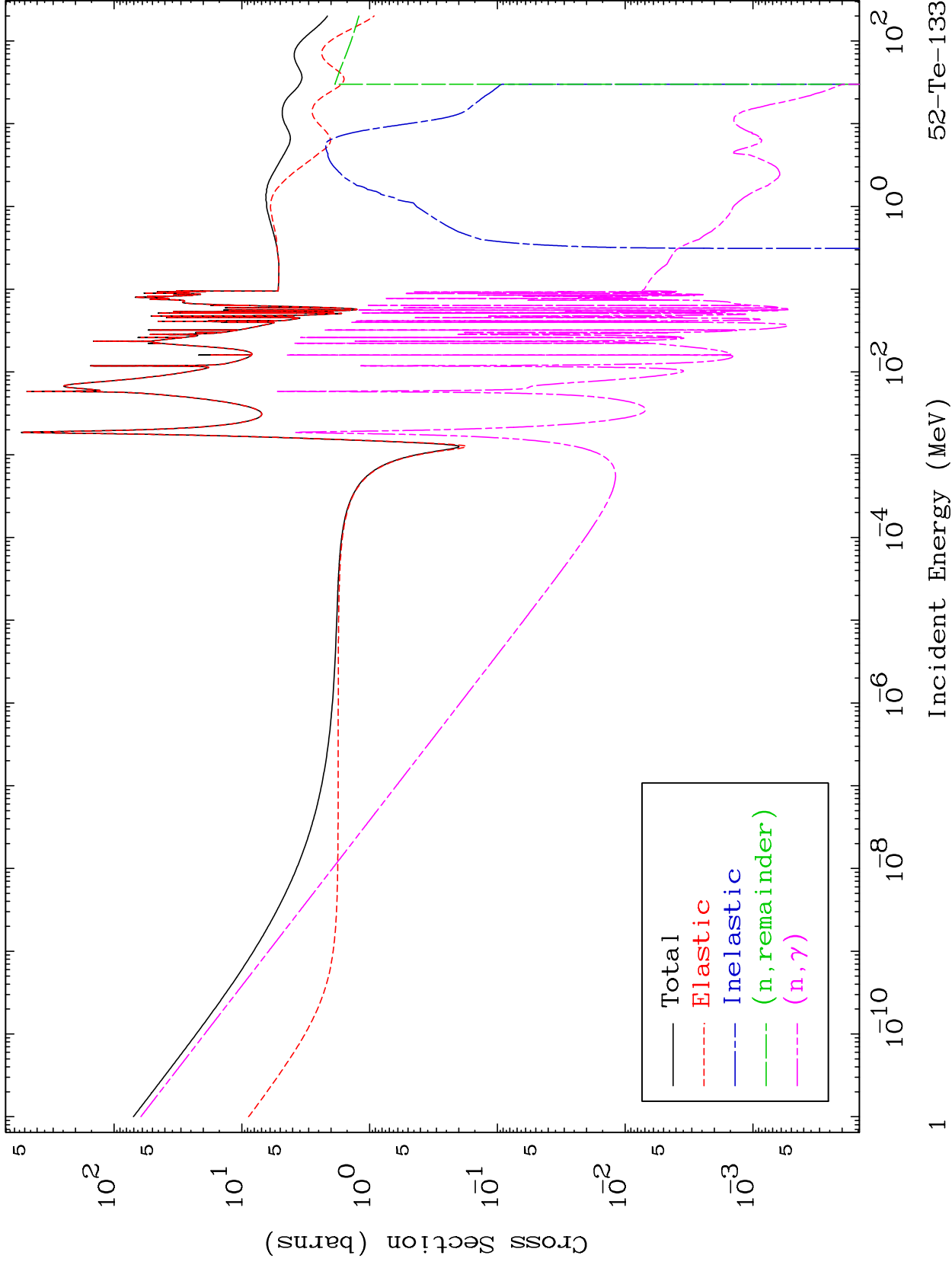
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5264

Major  
293 Kelvin Cross Sections

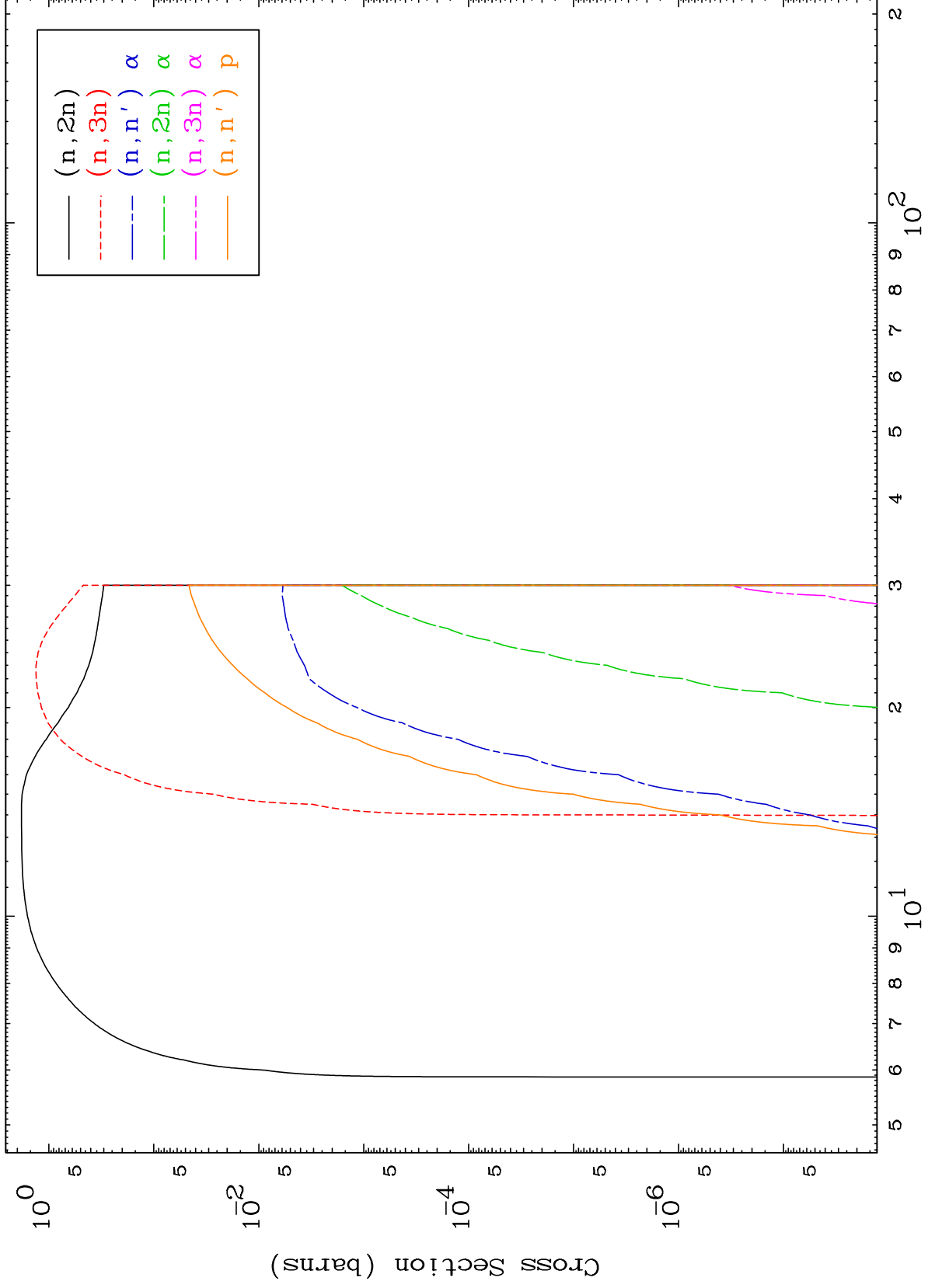
52-Te-133



MAT 5264

Neutron Production  
293 Kelvin Cross Sections

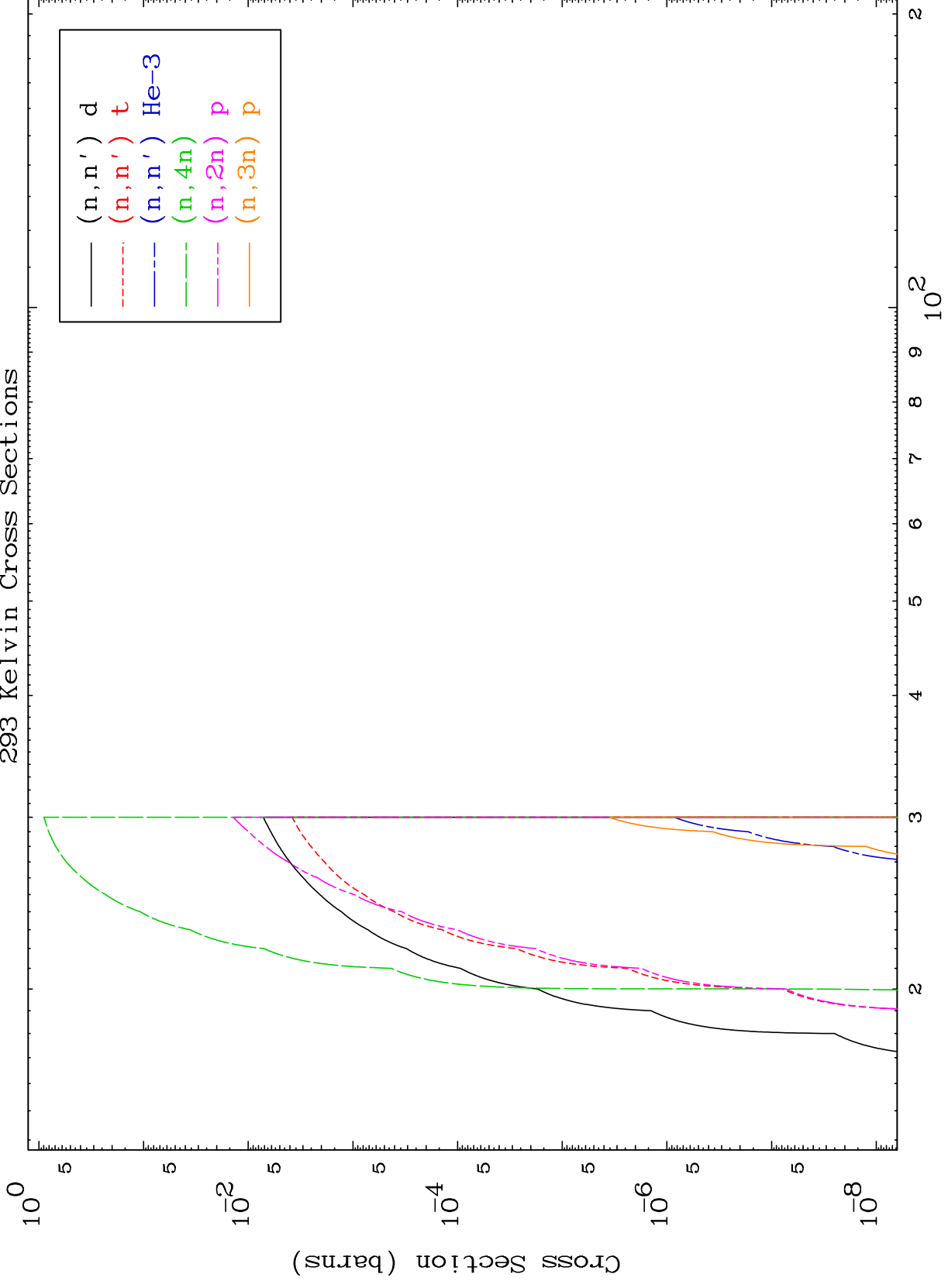
52-Te-133



2

Incident Energy (MeV)

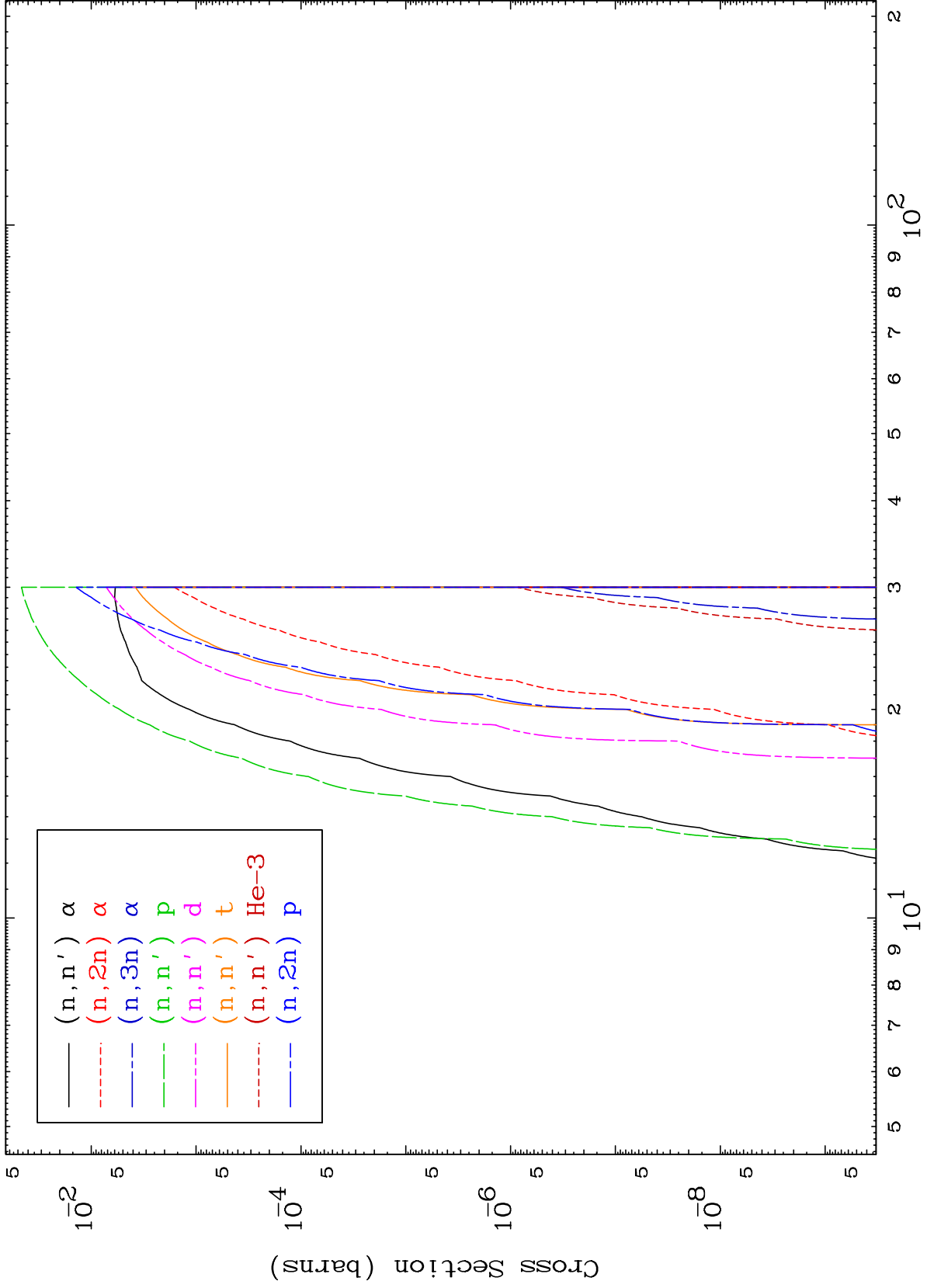
52-Te-133



MAT 5264

Charged Particle  
293 Kelvin Cross Sections

52-Te-133



4

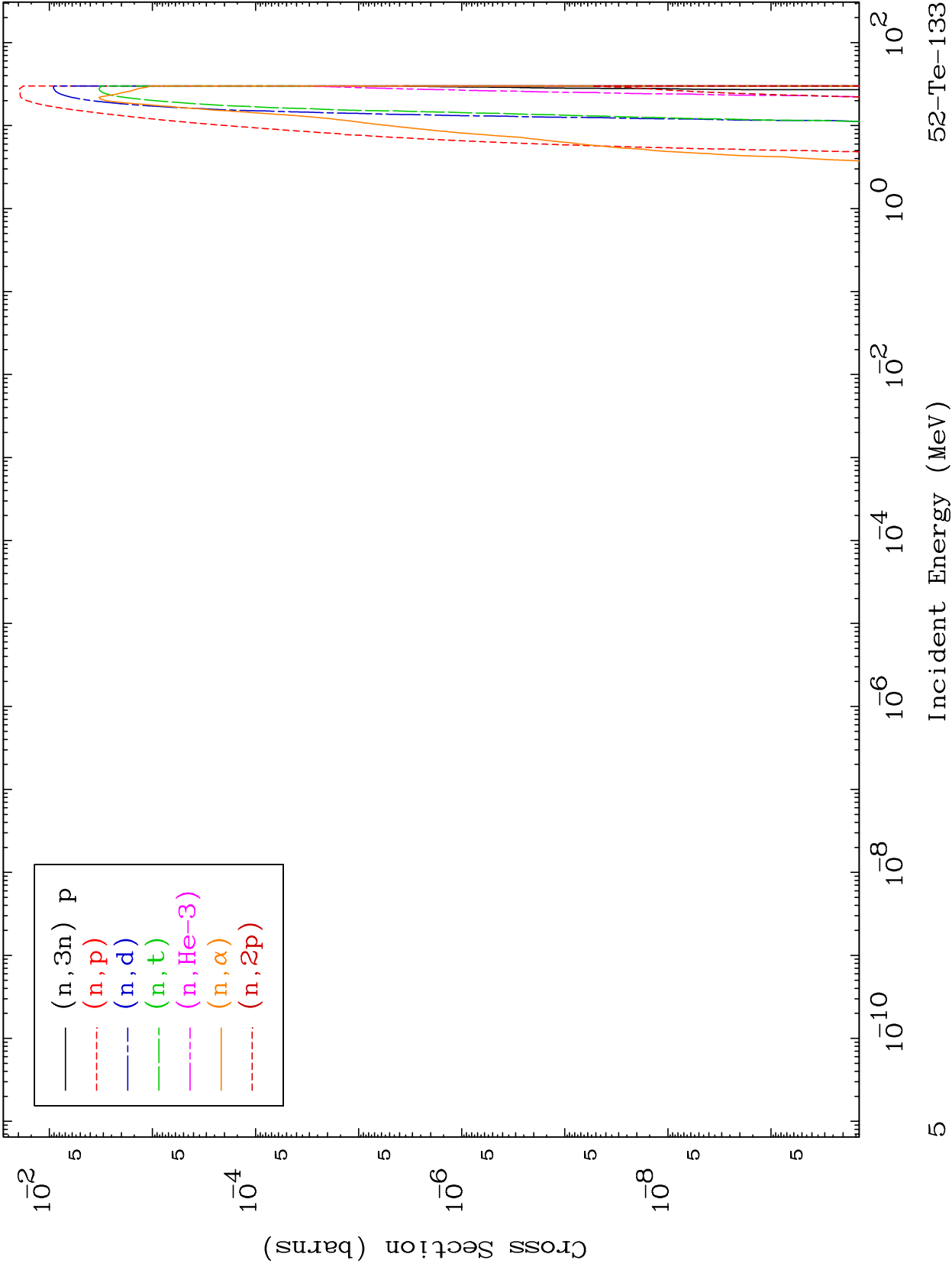
Incident Energy (MeV)

52-Te-133

MAT 5264

Charged Particle  
293 Kelvin Cross Sections

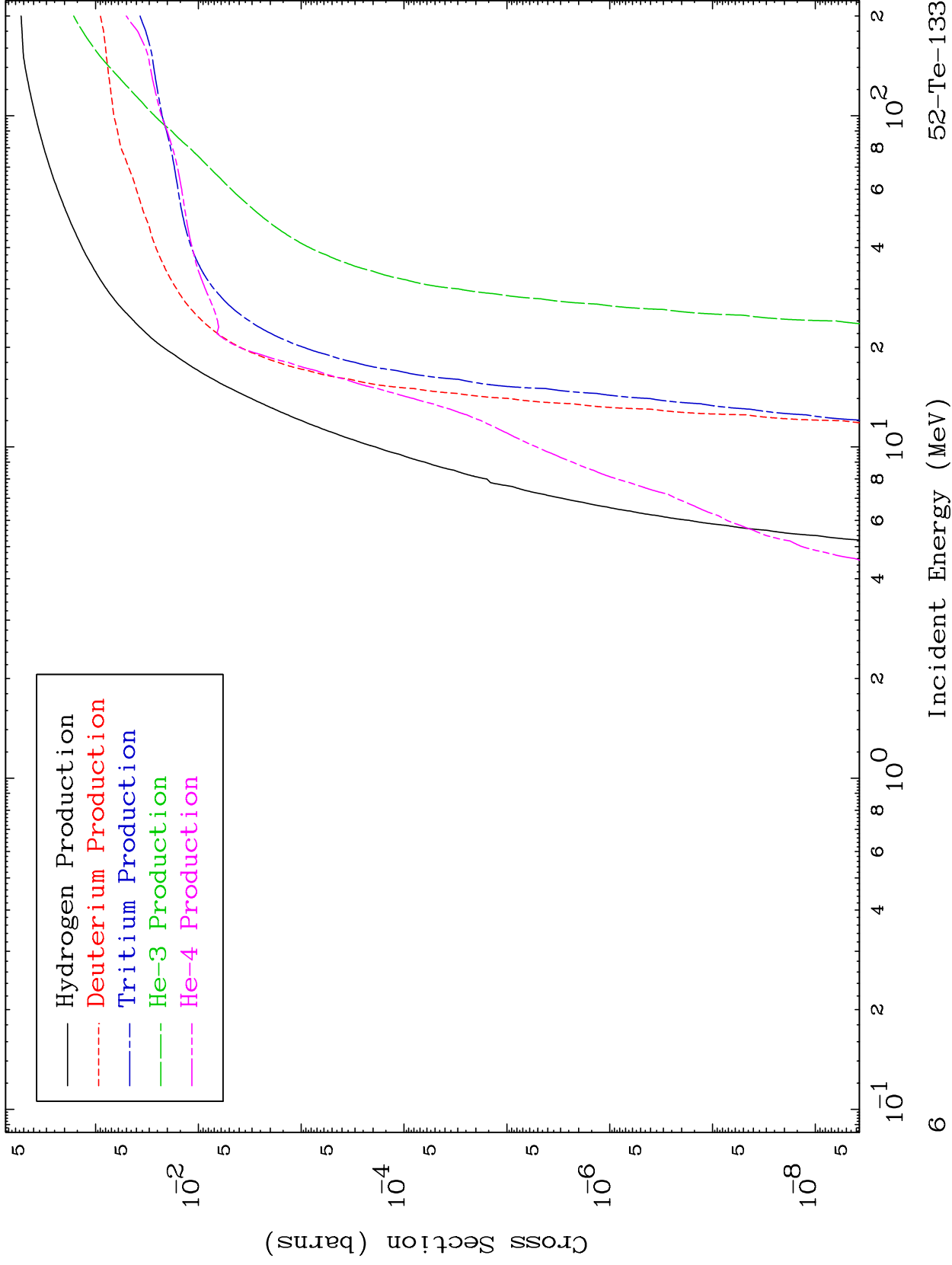
52-Te-133



MAT 5264

Particle Production  
293 Kelvin Cross Sections

52-Te-133



52-Te-133

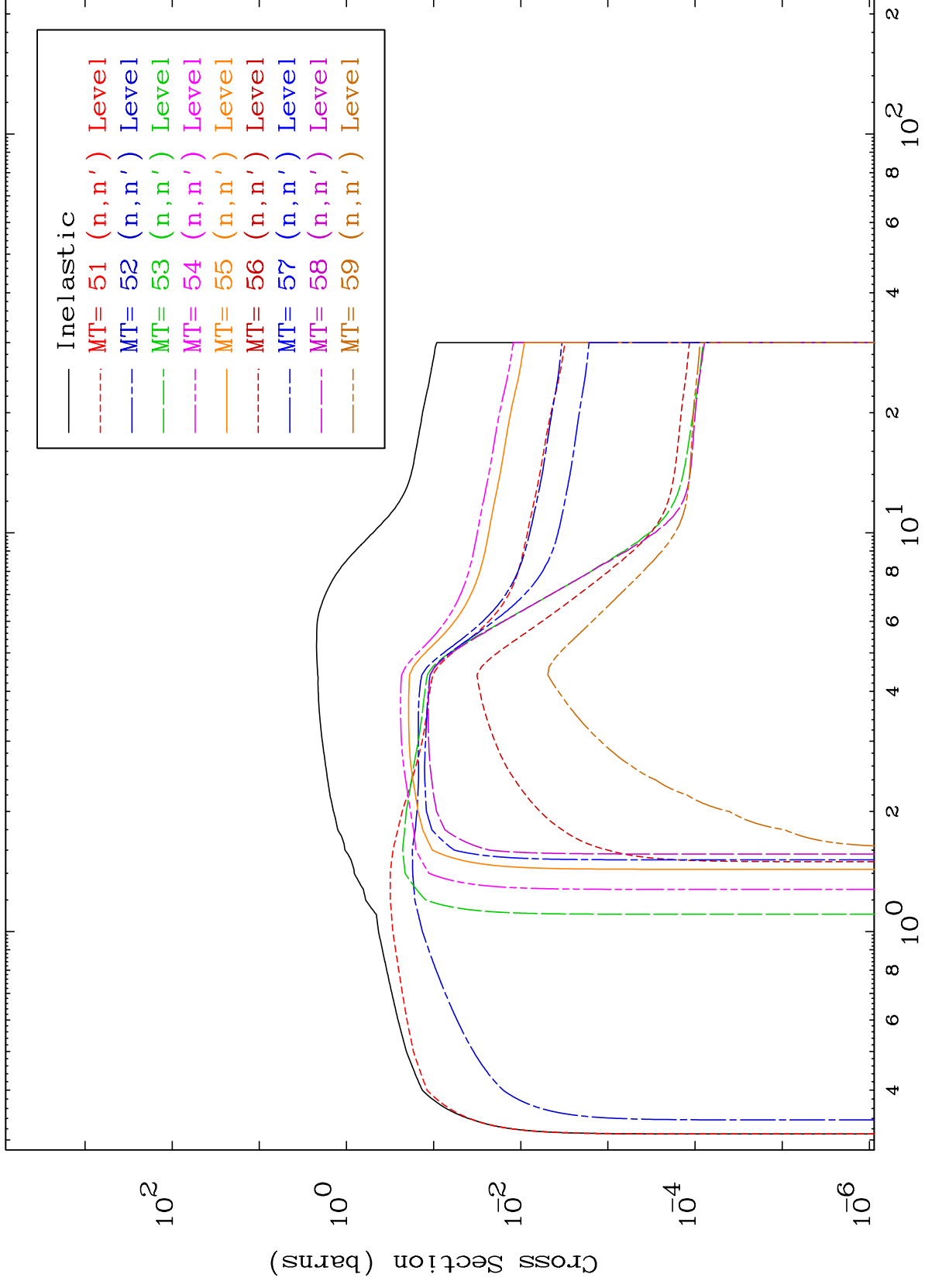
Incident Energy (MeV)

MAT 5264

(n,n') Level

52-Te-133

293 Kelvin Cross Sections



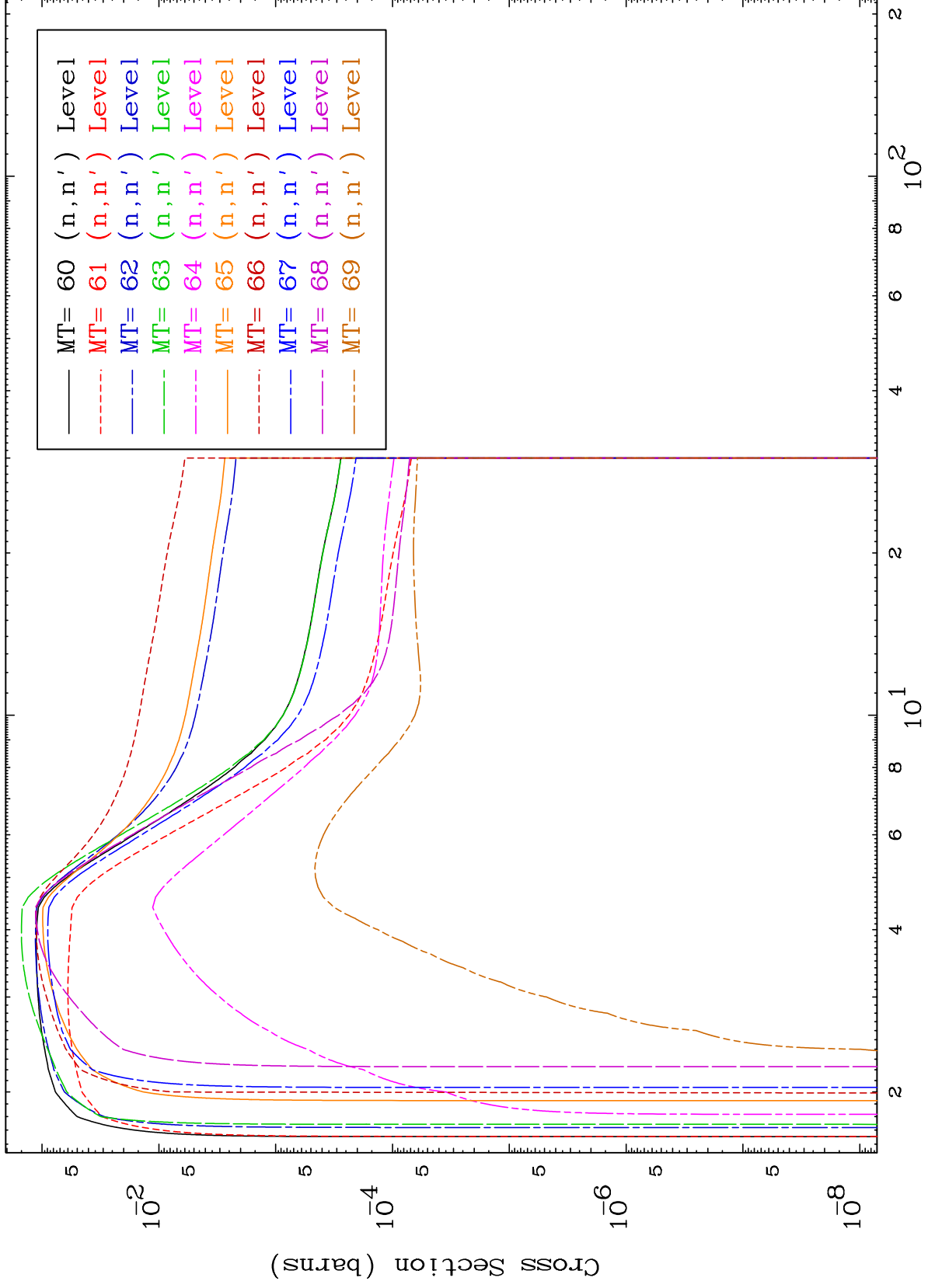


MAT 5264

(n,n') Level

52-Te-133

293 Kelvin Cross Sections

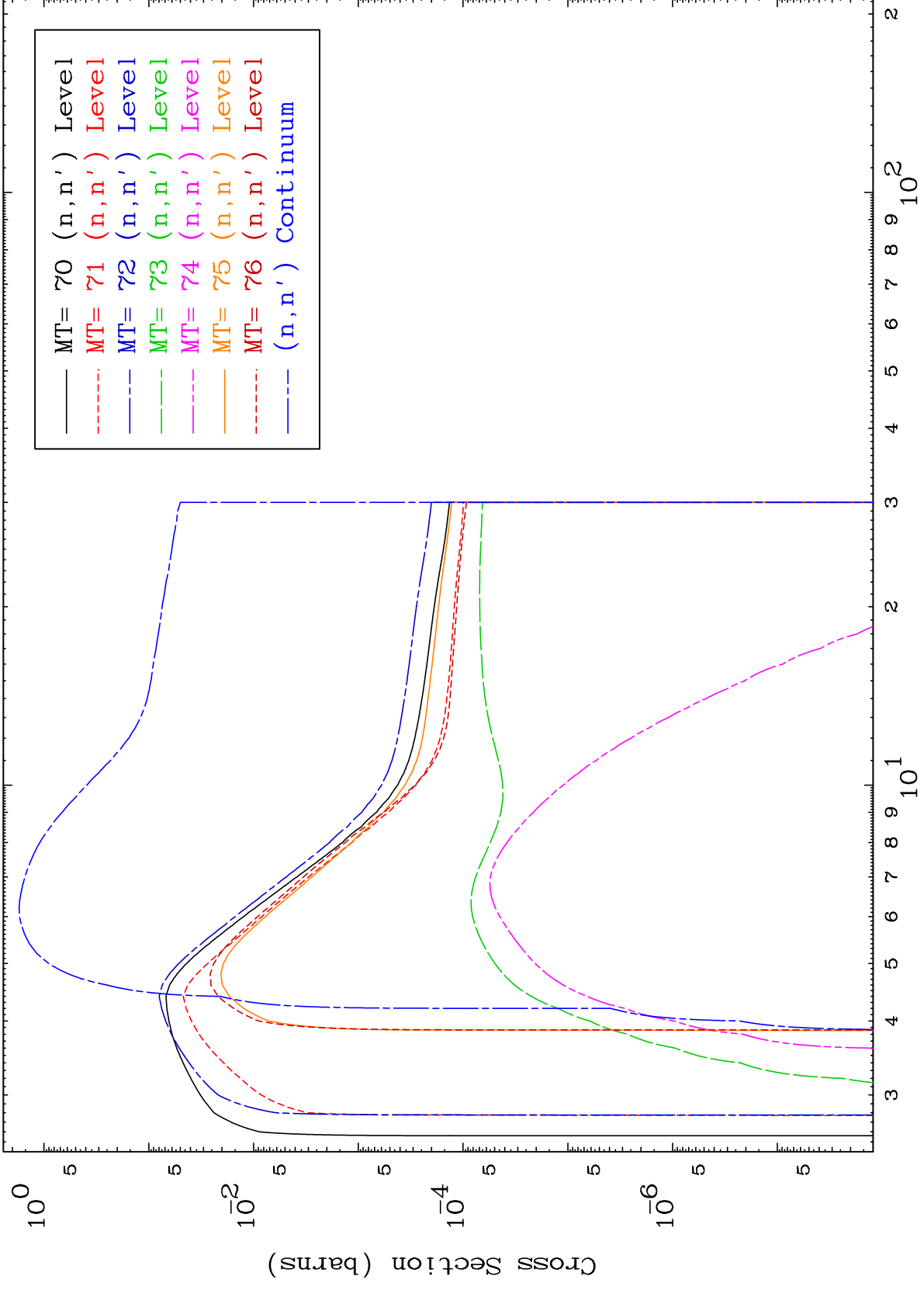


8

Incident Energy (MeV)

52-Te-133

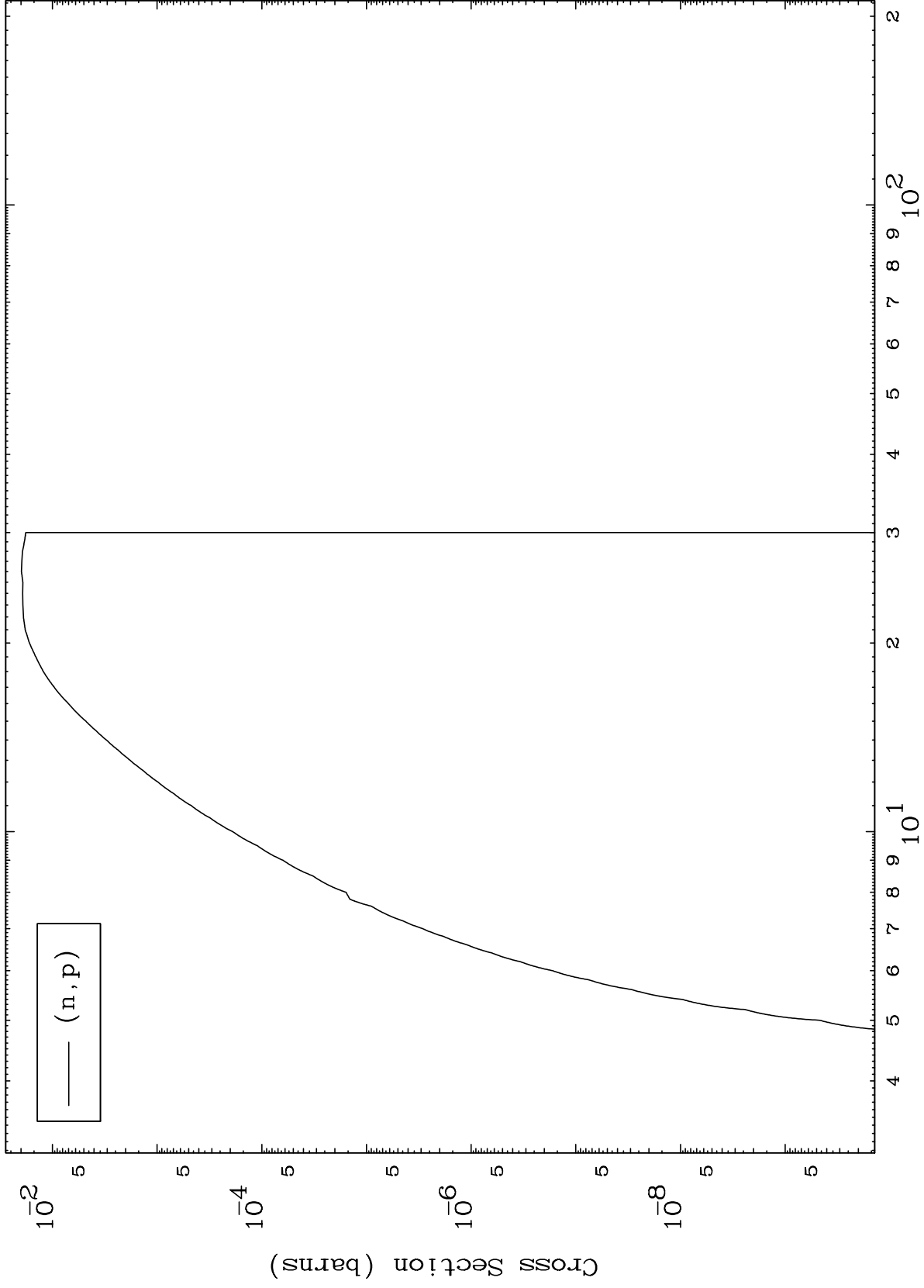
293 Kelvin Cross Sections



MAT 5264

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-133



10

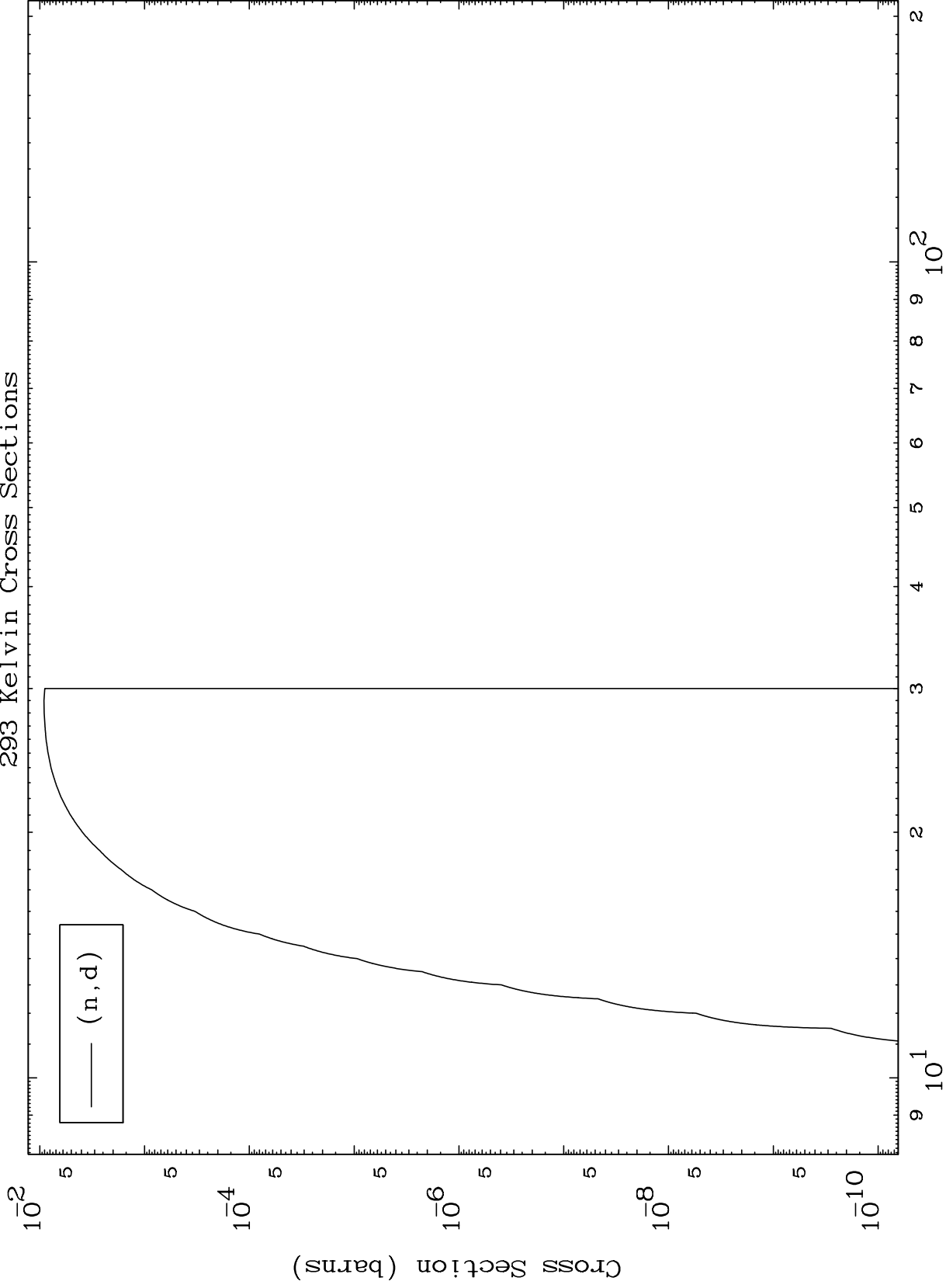
Incident Energy (MeV)

52-Te-133

MAT 5264

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-133



11

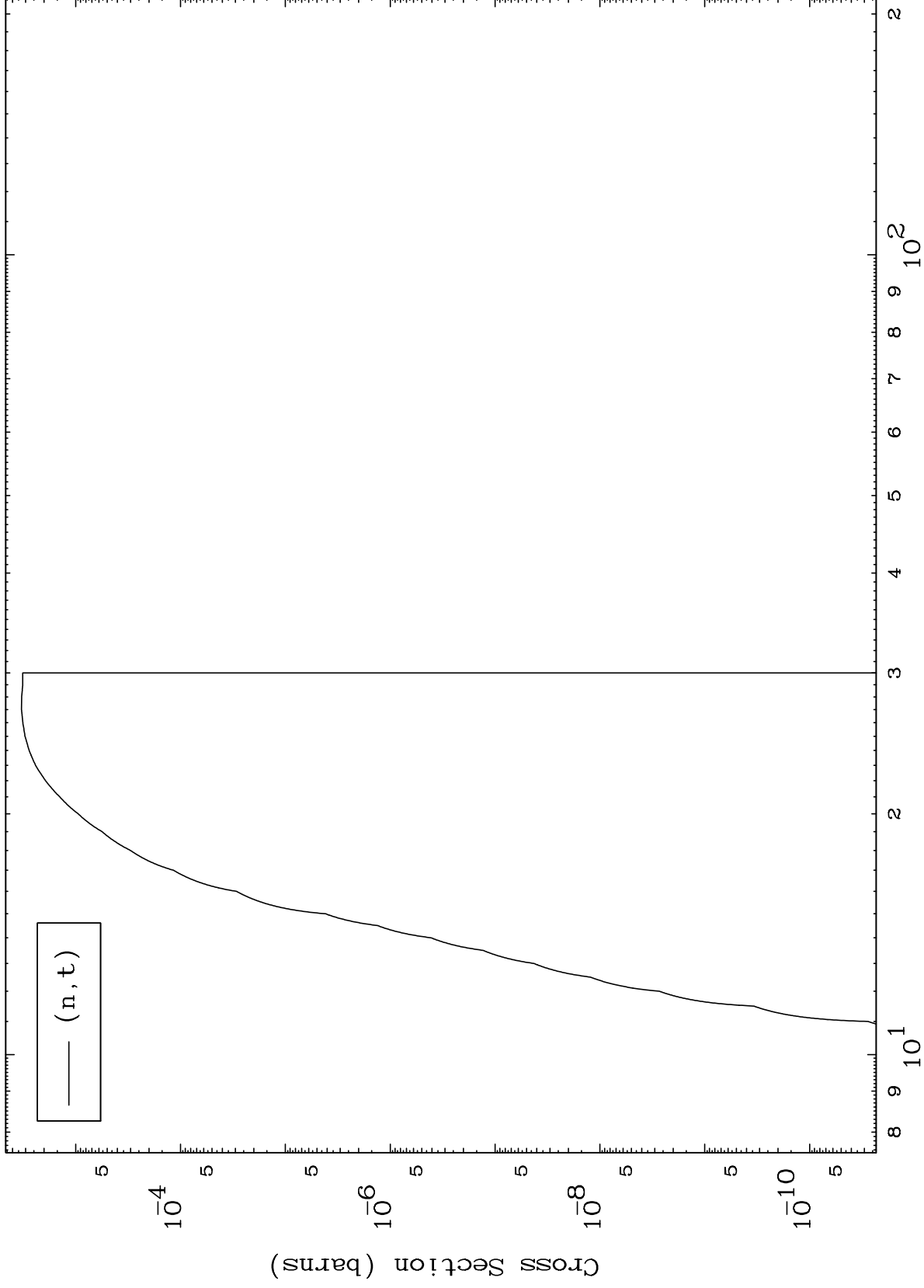
Incident Energy (MeV)

52-Te-133

MAT 5264

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-133



12

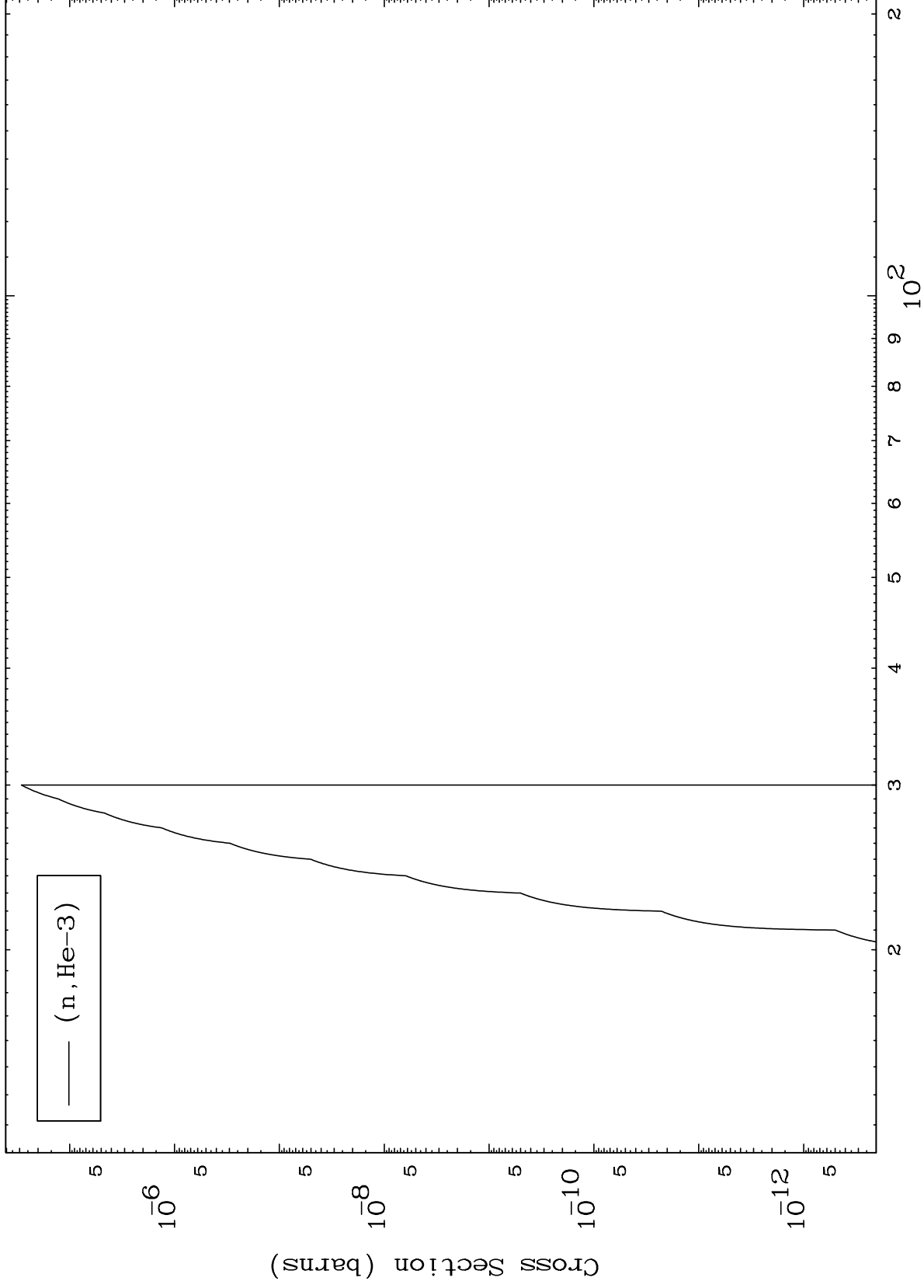
Incident Energy (MeV)

52-Te-133

MAT 5264

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-133



13

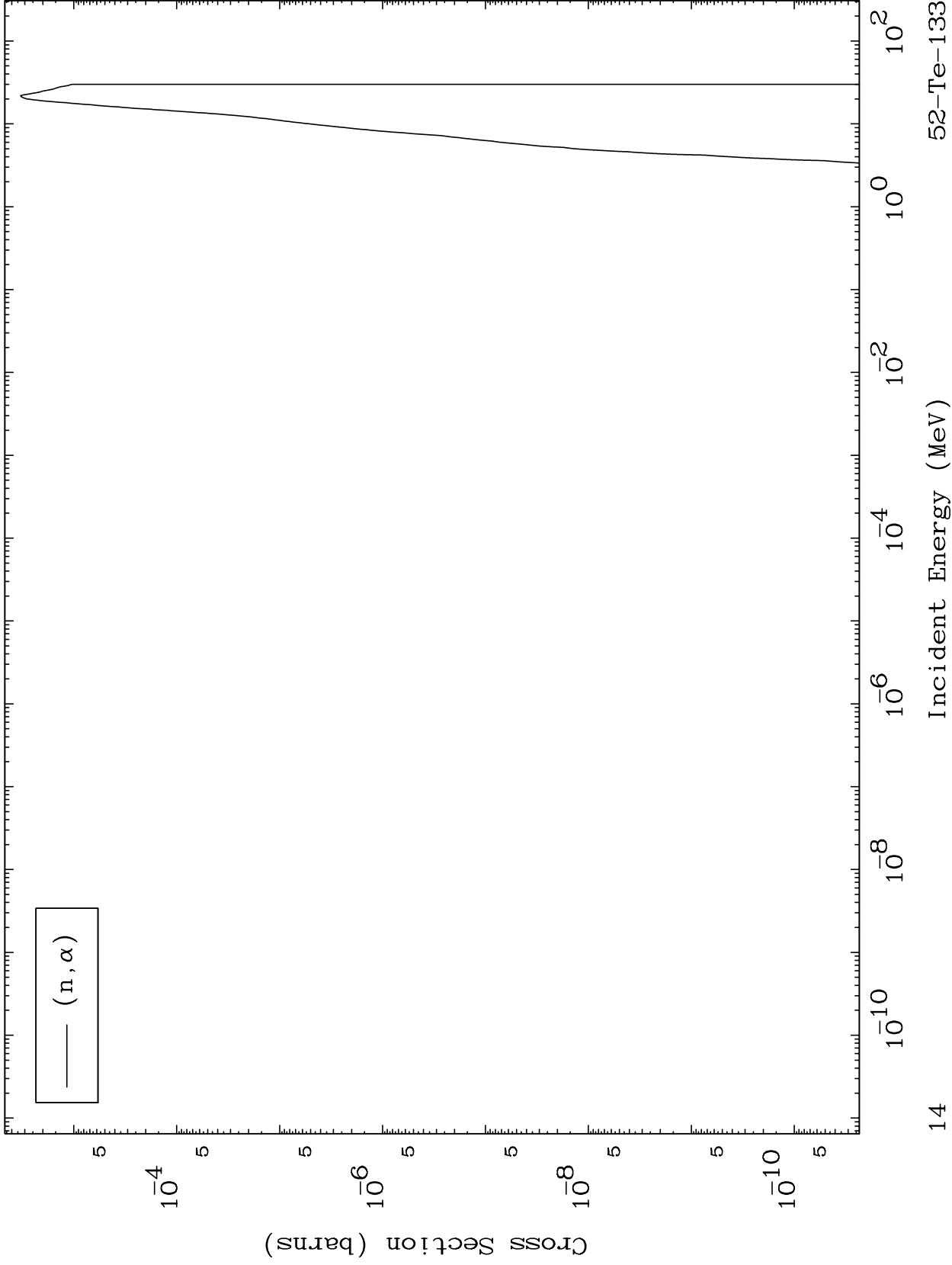
Incident Energy (MeV)

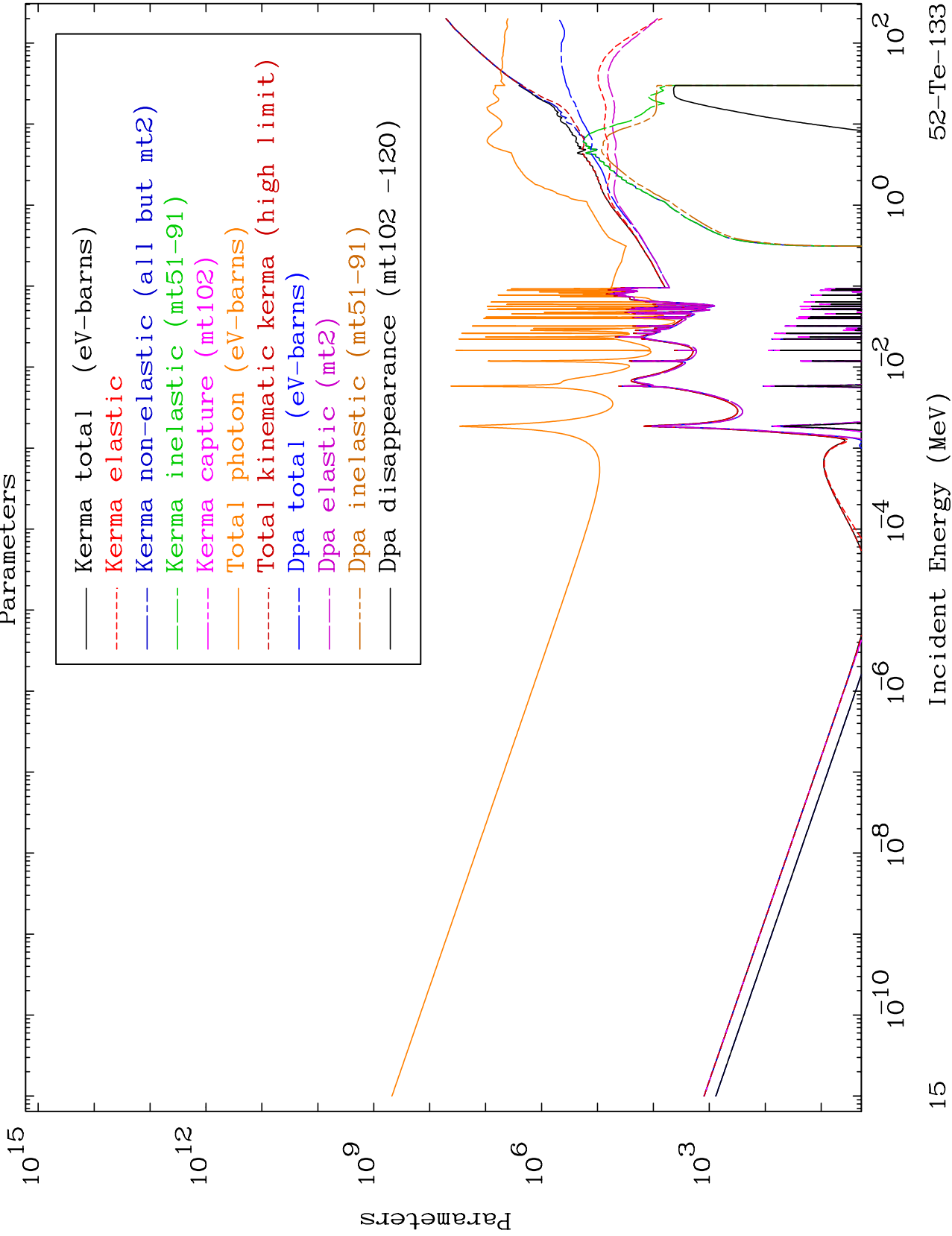
52-Te-133

MAT 5264

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

52-Te-133



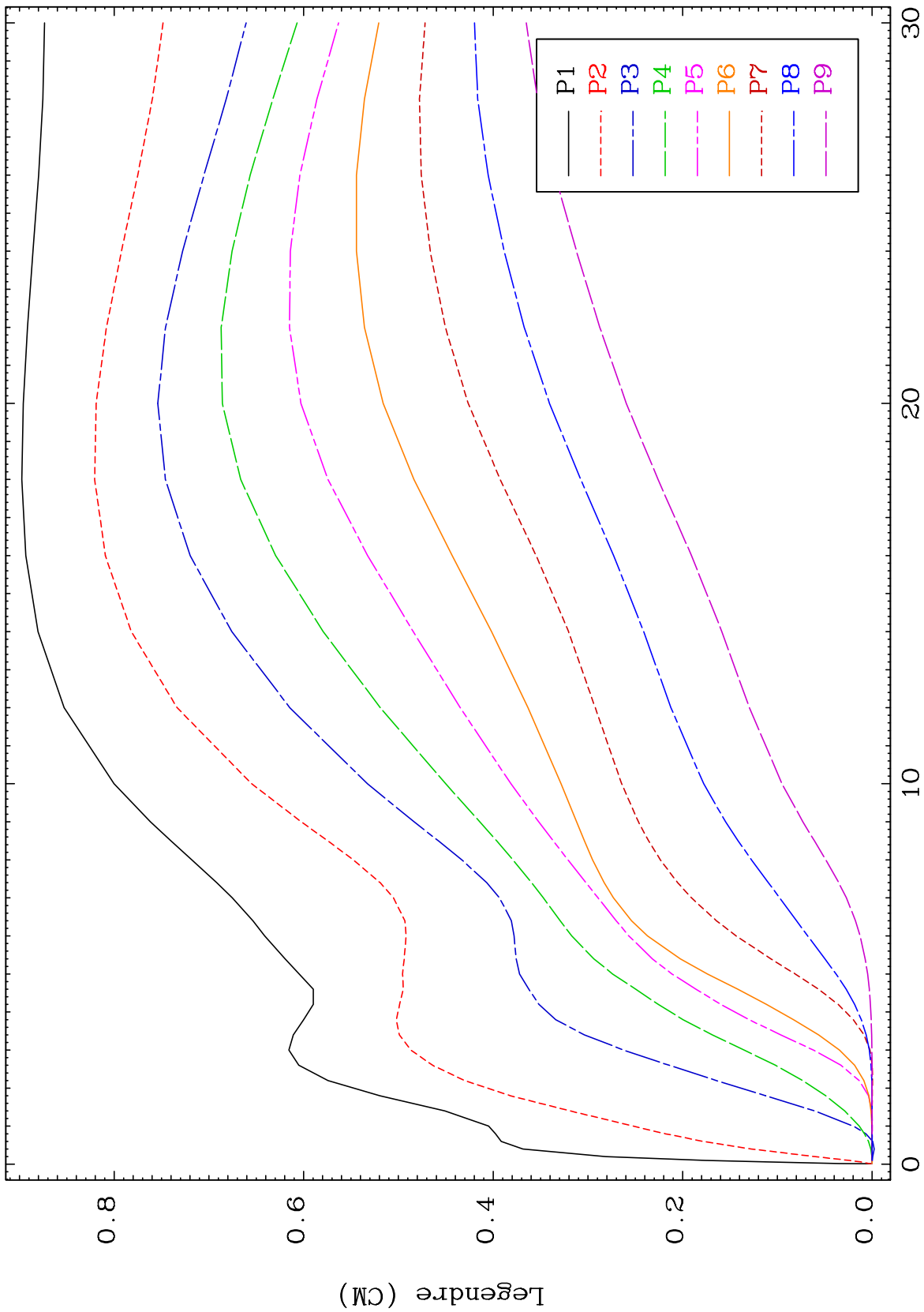




MAT 5264

Elastic Legendre Coefficients

<sup>52</sup>Te-133



16

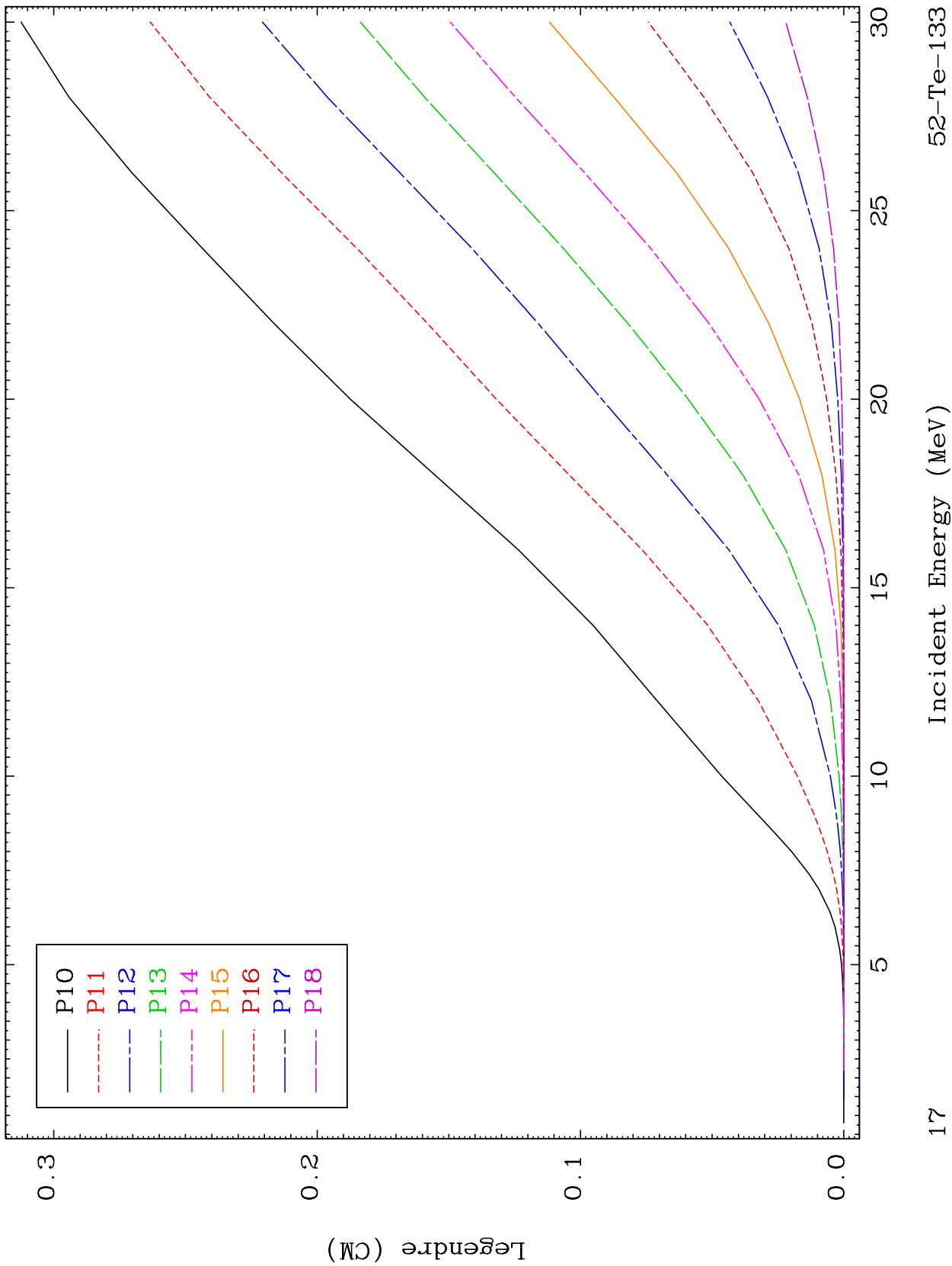
Incident Energy (MeV)

<sup>52</sup>Te-133

MAT 5264

Elastic Legendre Coefficients

52-Te-133



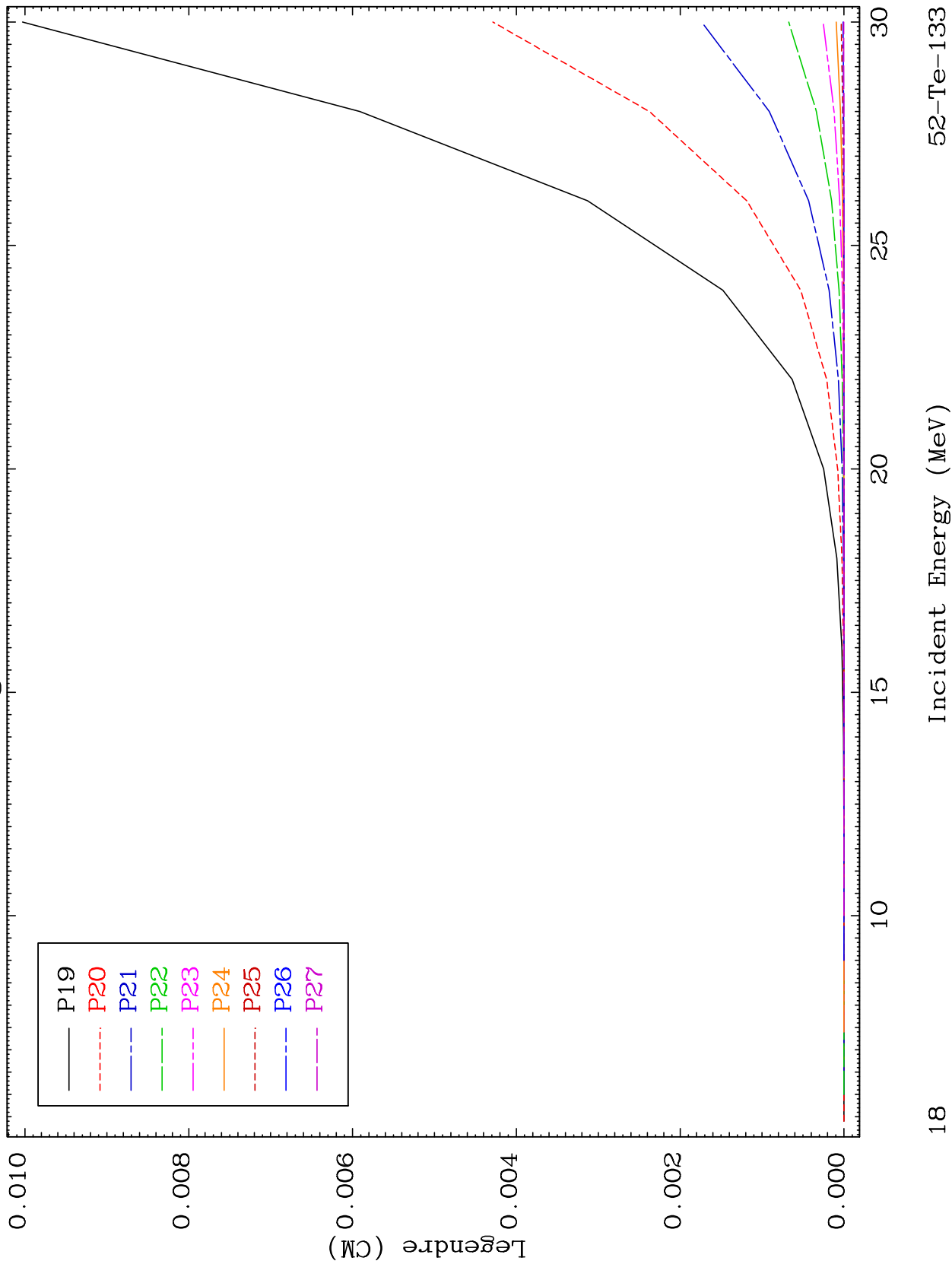
17

52-Te-133

MAT 5264

### Elastic Legendre Coefficients

52-Te-133



18

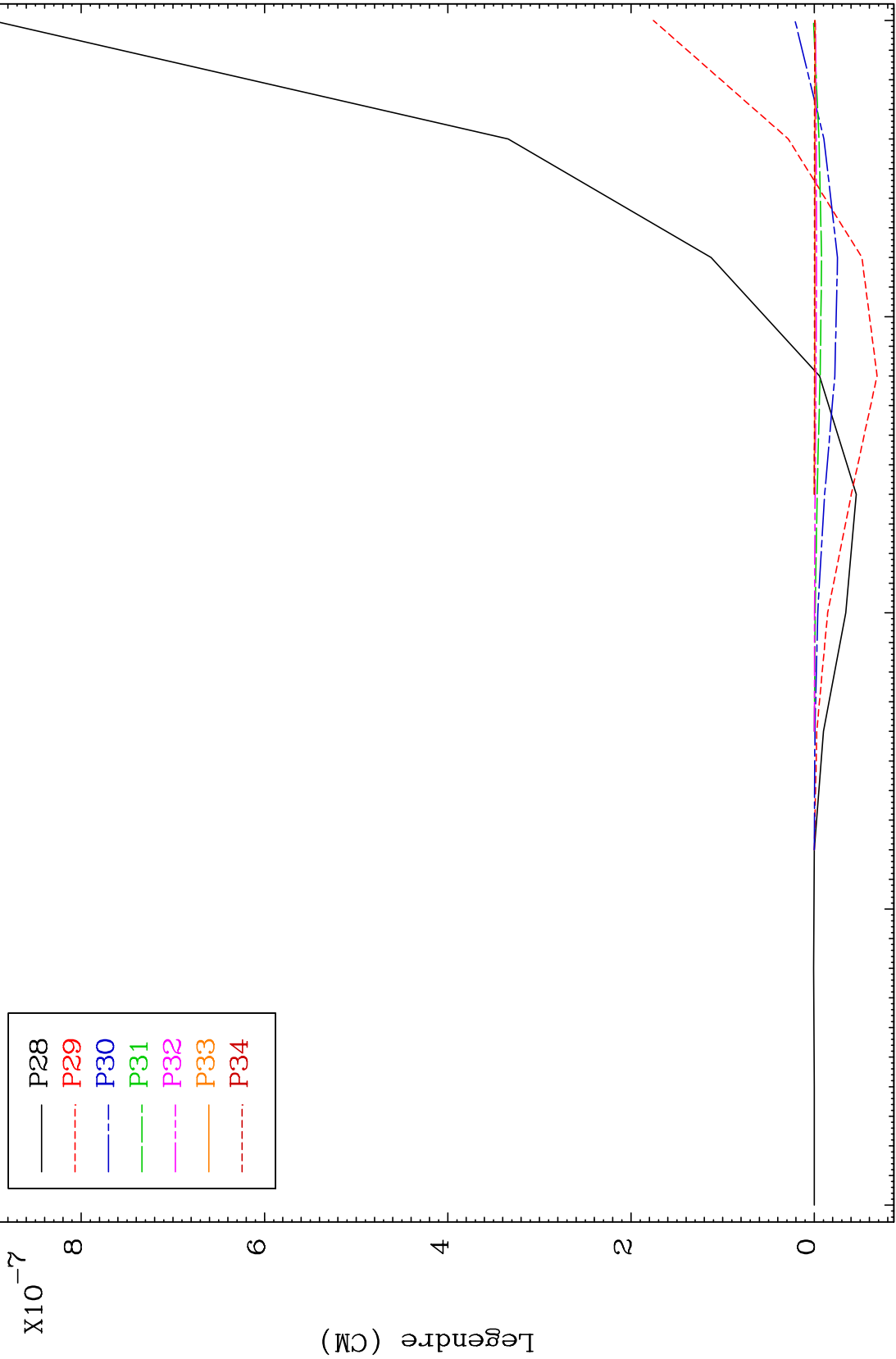
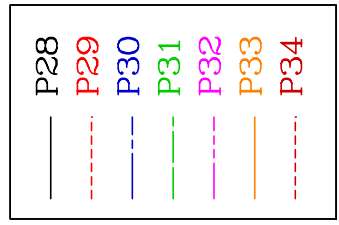
Incident Energy (MeV)

52-Te-133

MAT 5264

Elastic Legendre Coefficients

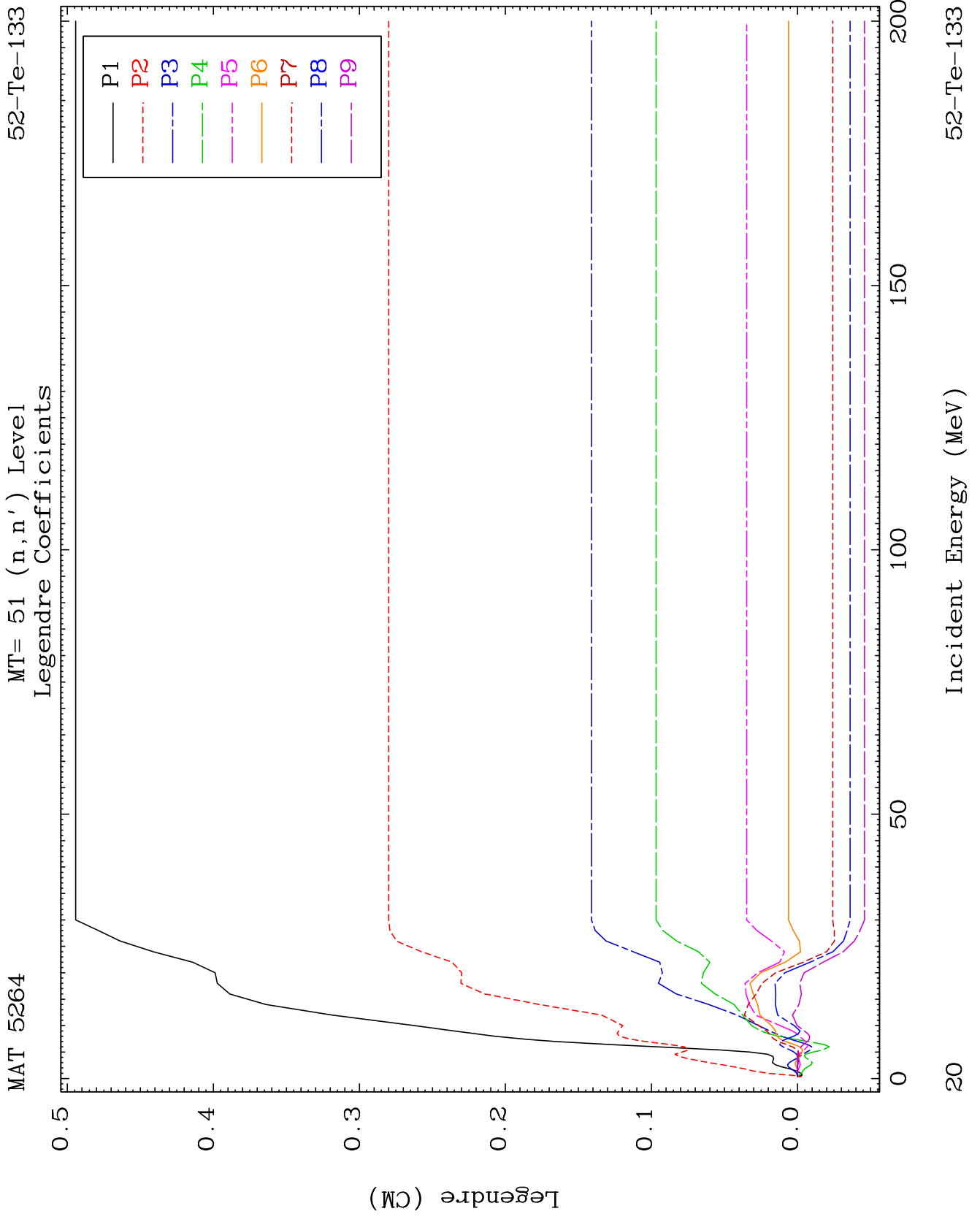
52-Te-133



19

Incident Energy (MeV)

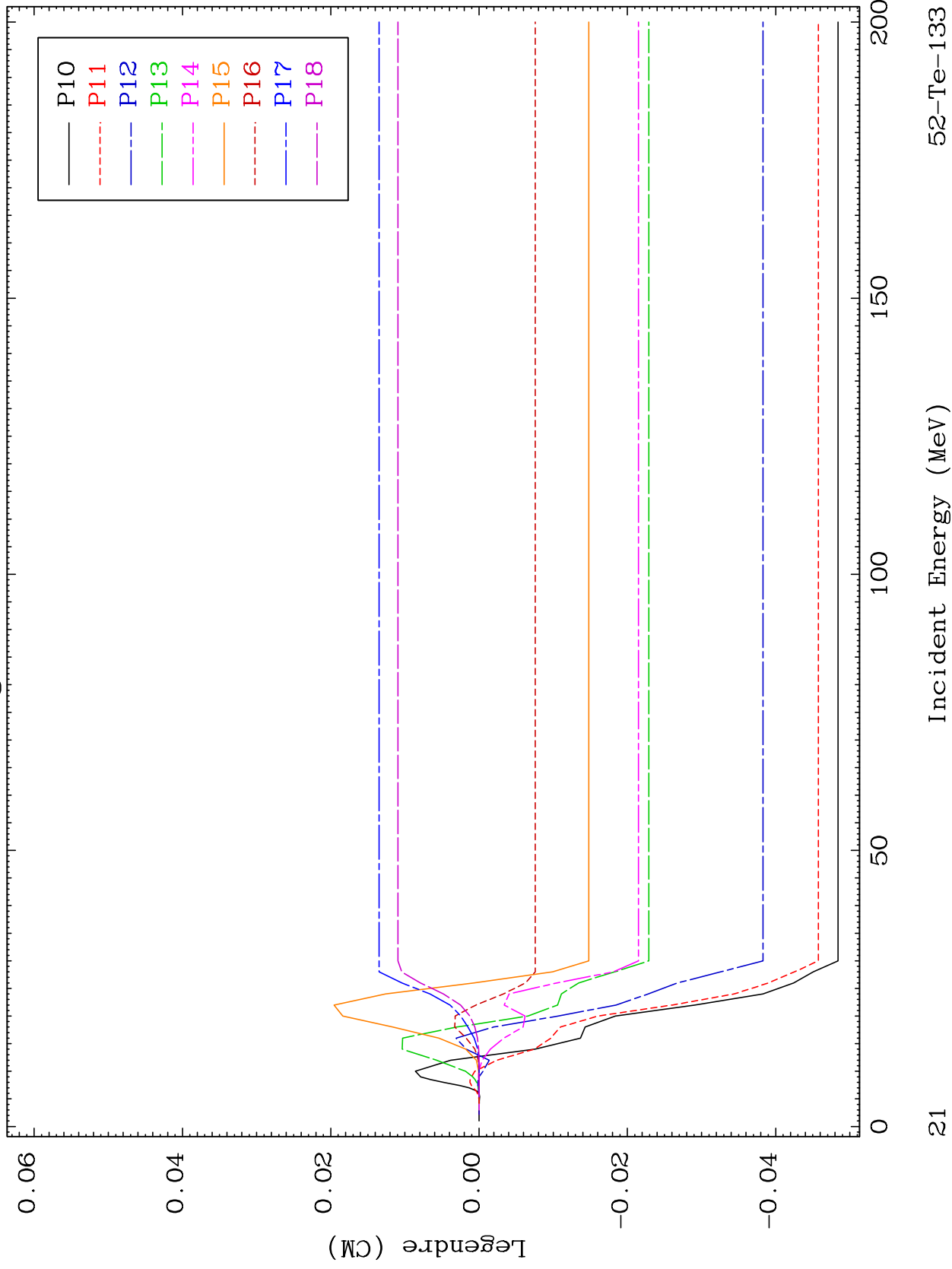
52-Te-133



MAT 5264

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

52-Te-133



21

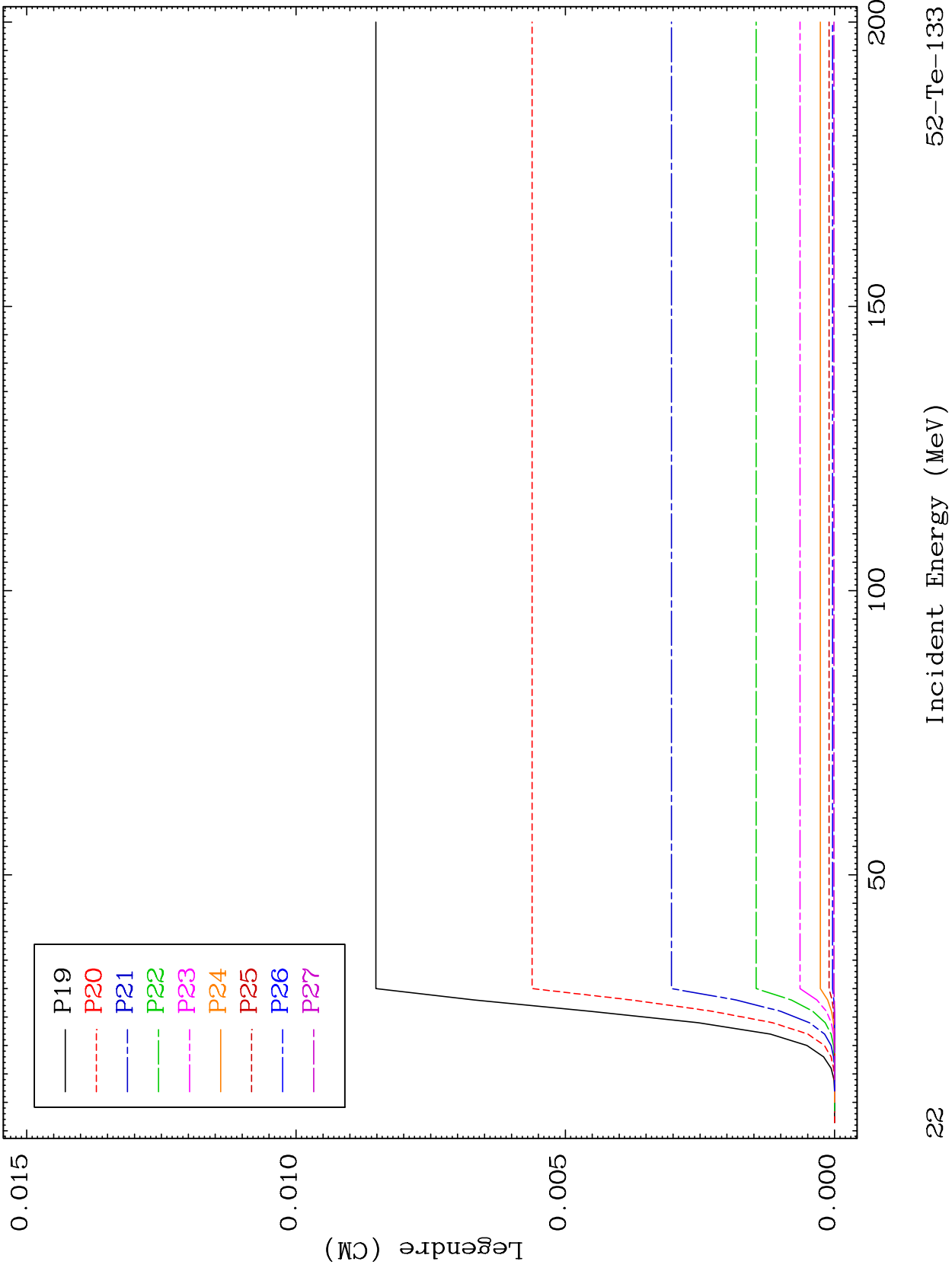
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



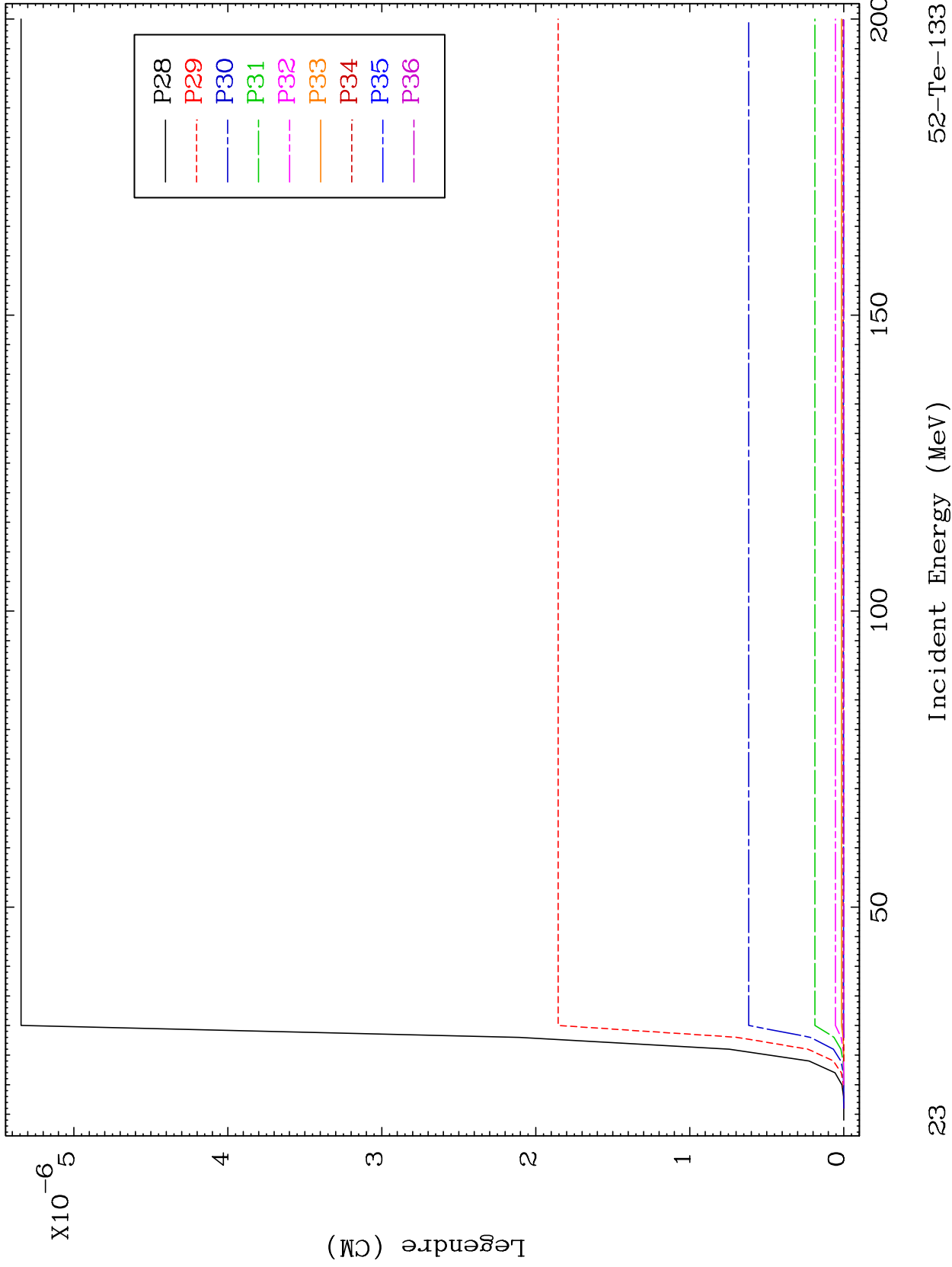
22

52-Te-133

MAT 5264

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

52-Te-133



23

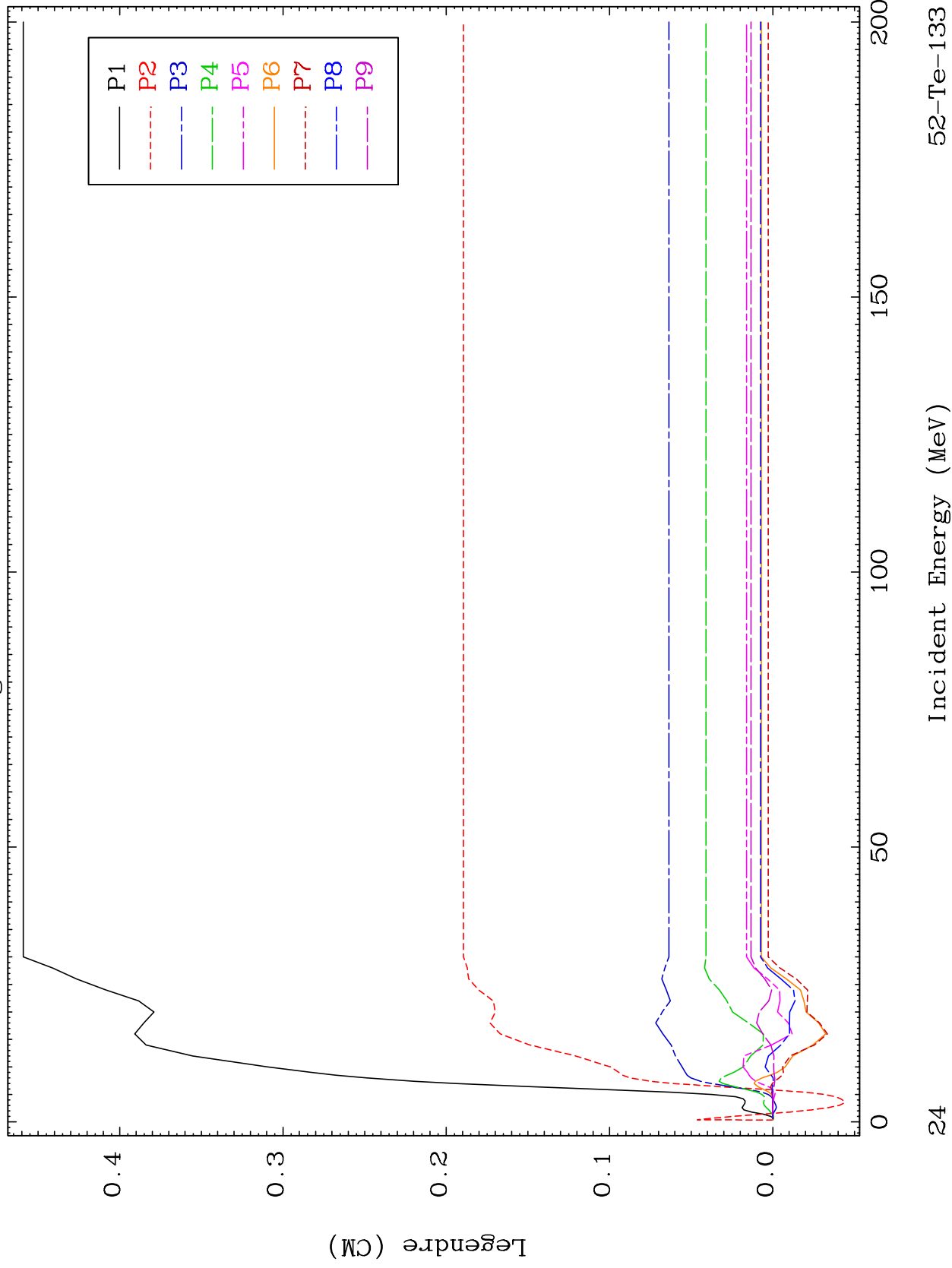
52-Te-133



MAT 5264

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

52-Te-133



24

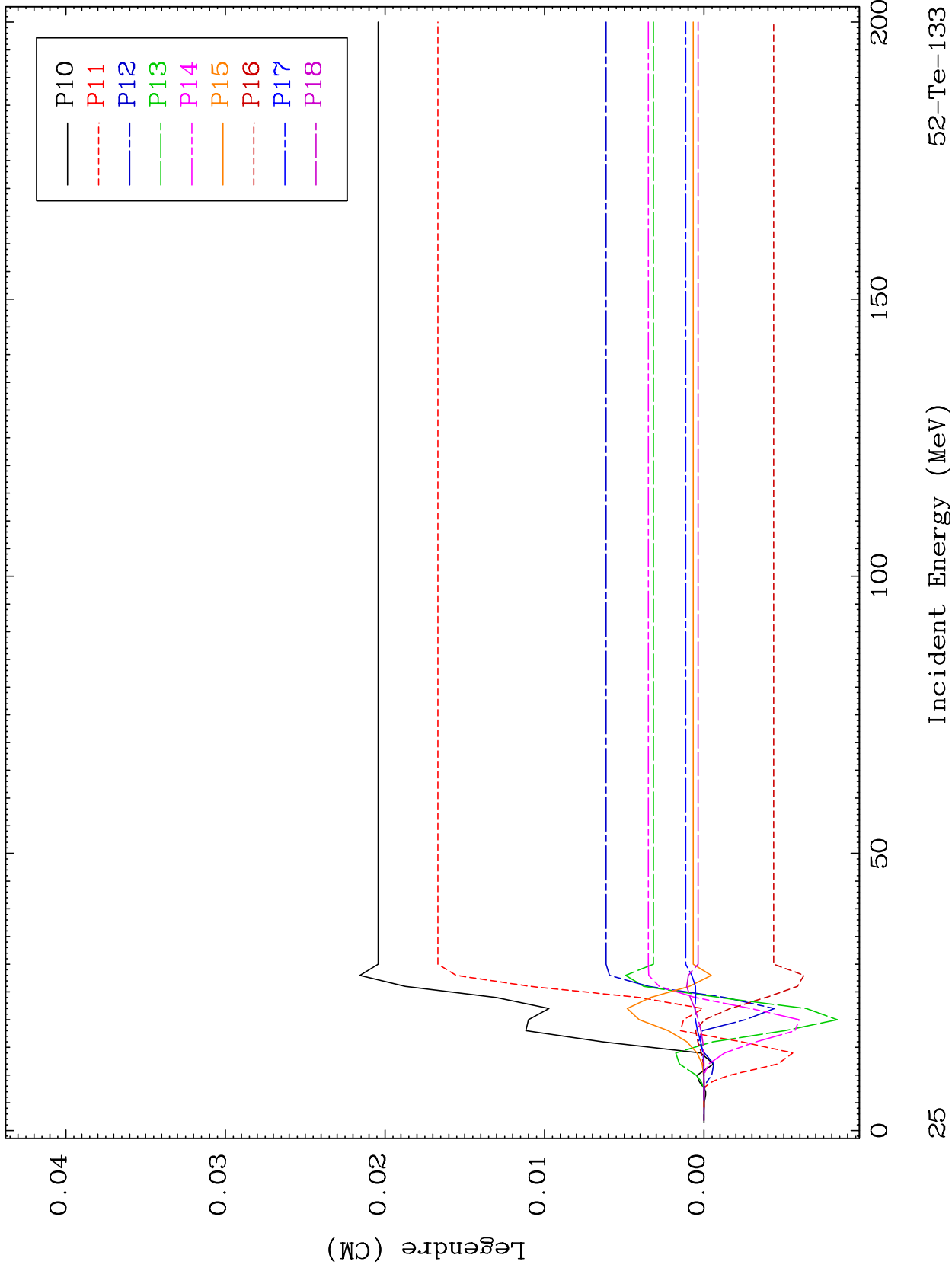
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



52-Te-133

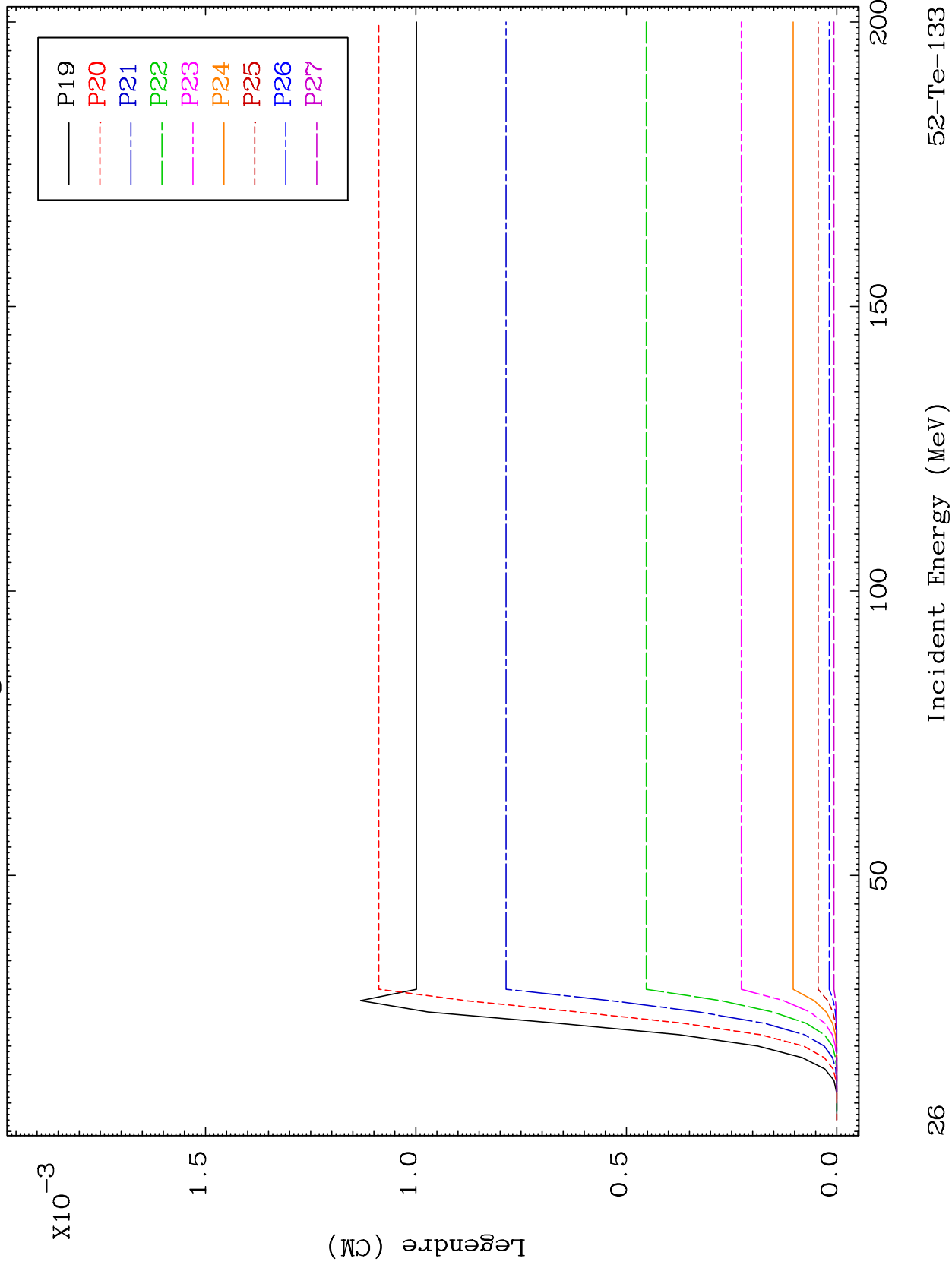
Incident Energy (MeV)

25

MAT 5264

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

52-Te-133



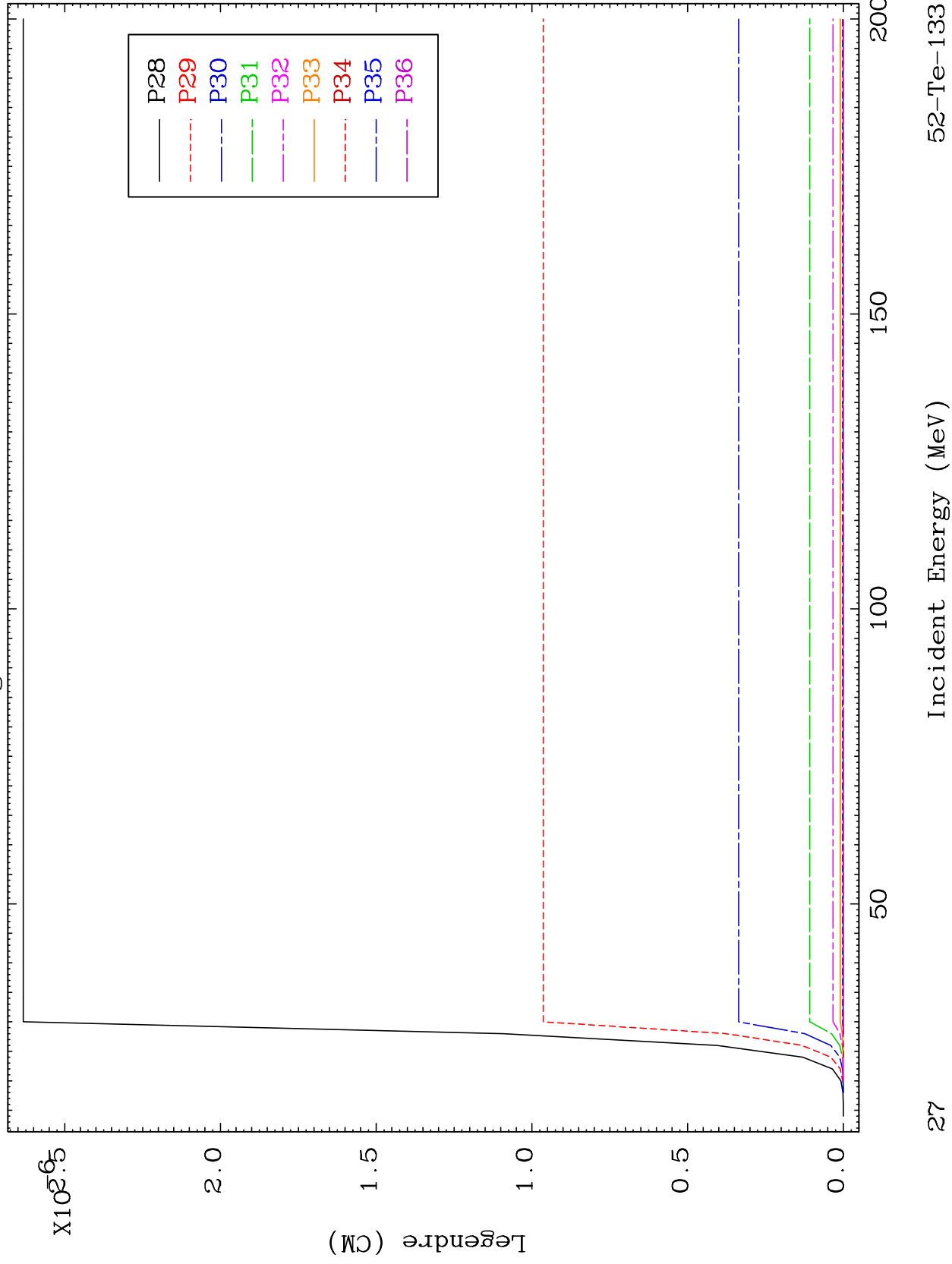
26

52-Te-133

MAT 5264

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

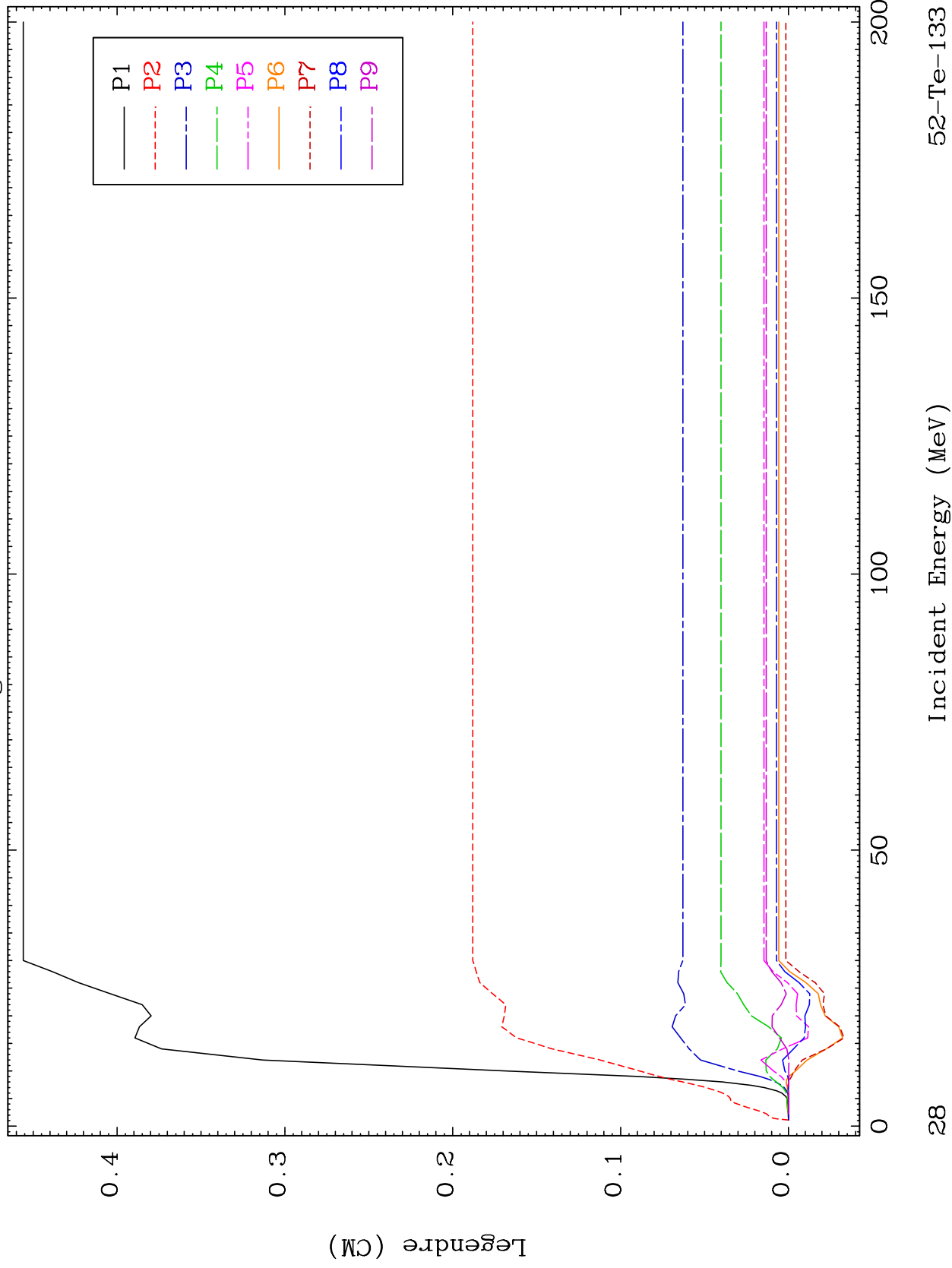
52-Te-133



MAT 5264

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

52-Te-133



52-Te-133

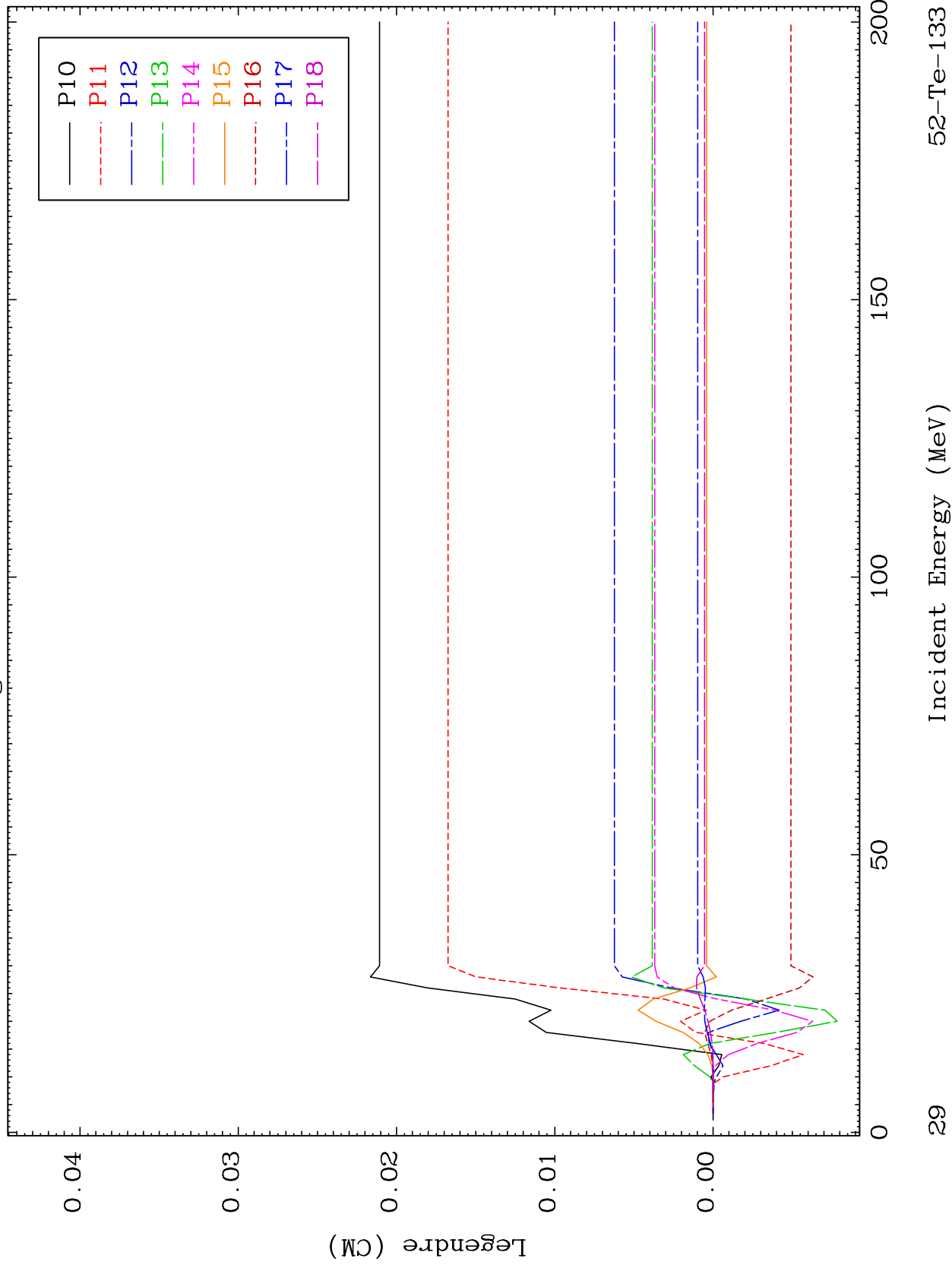
Incident Energy (MeV)

28

MAT 5264

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

52-Te-133



52-Te-133

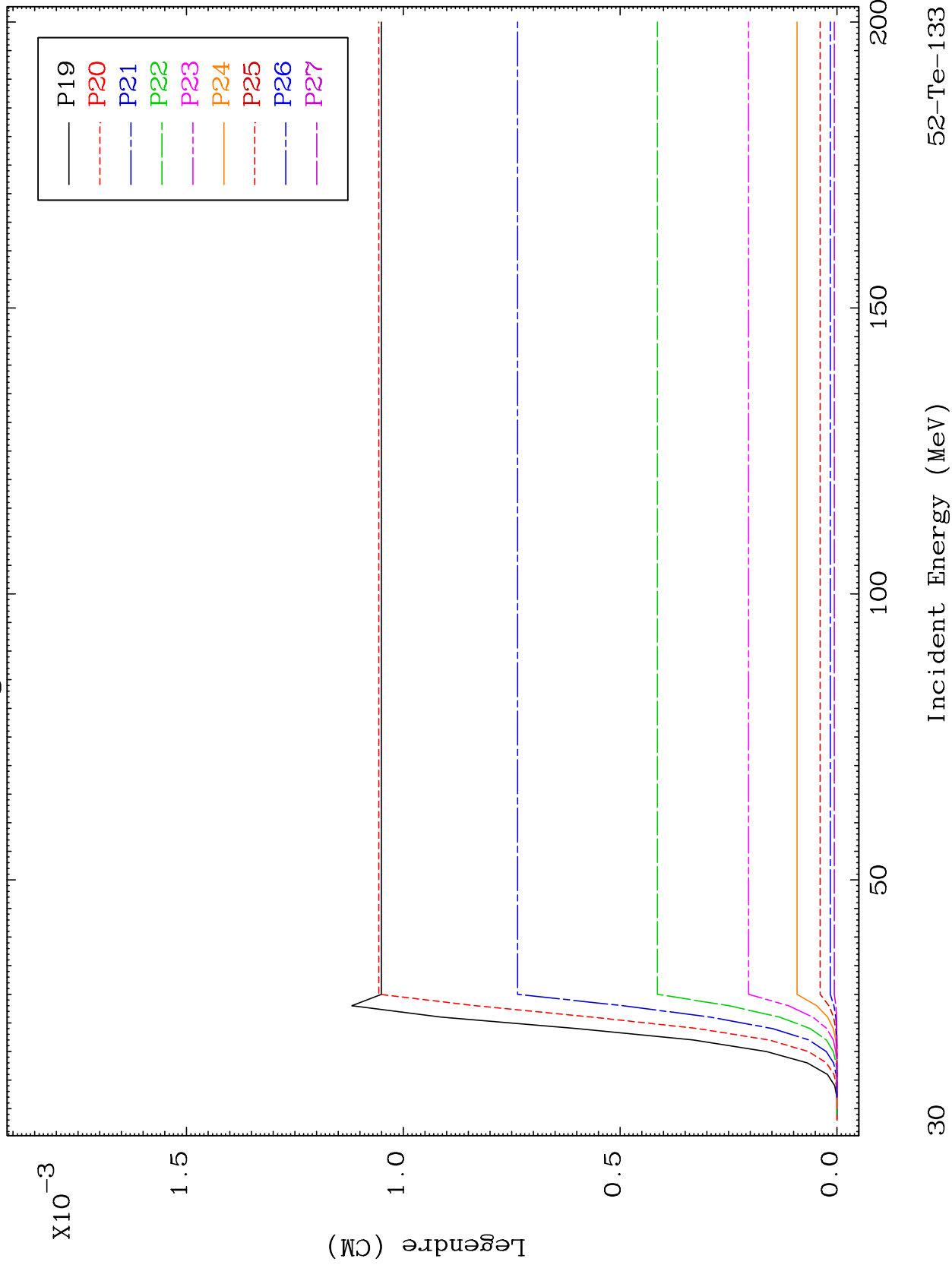
Incident Energy (MeV)

29

MAT 5264

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

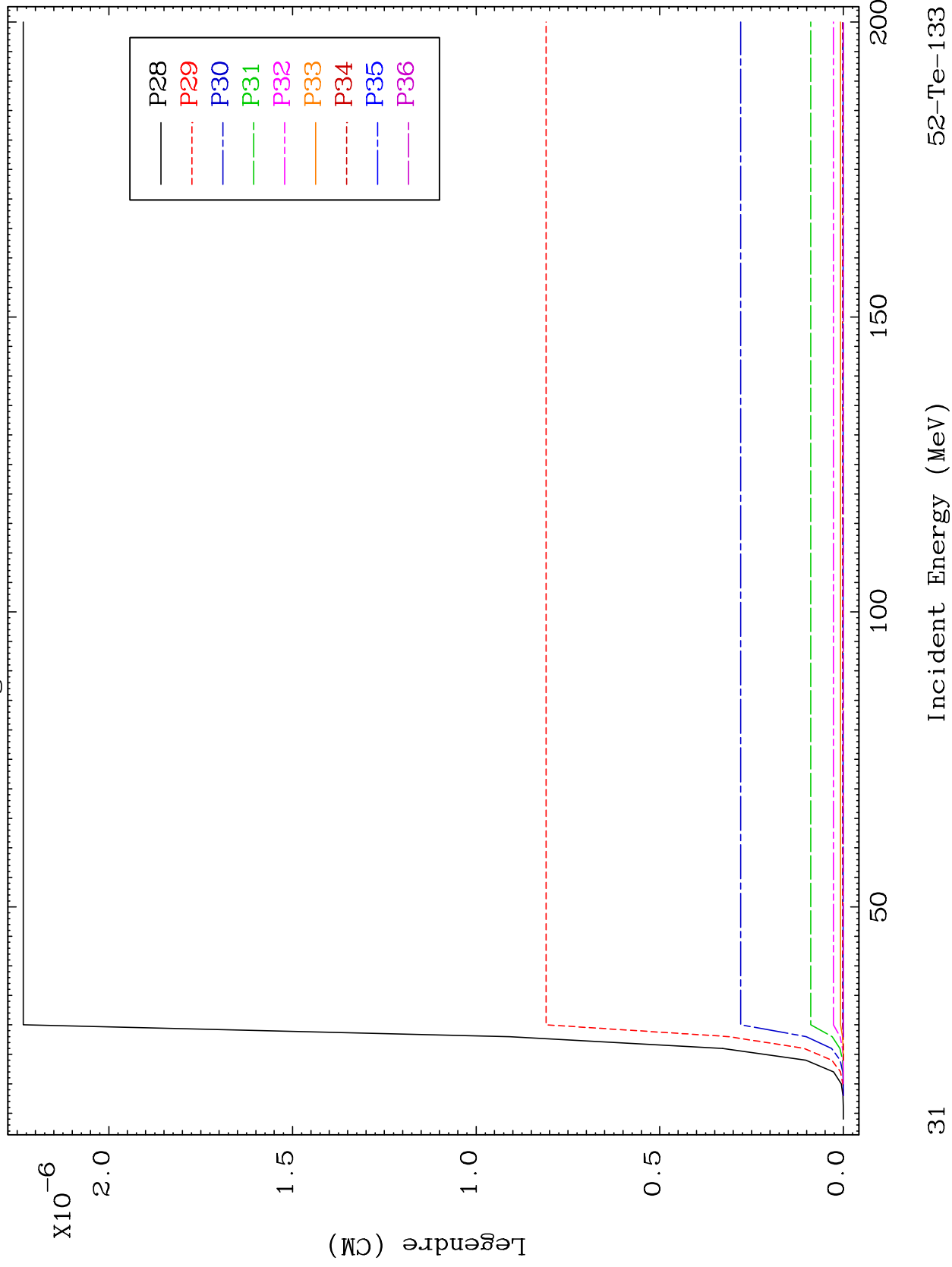
52-Te-133



MAT 5264

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

52-Te-133

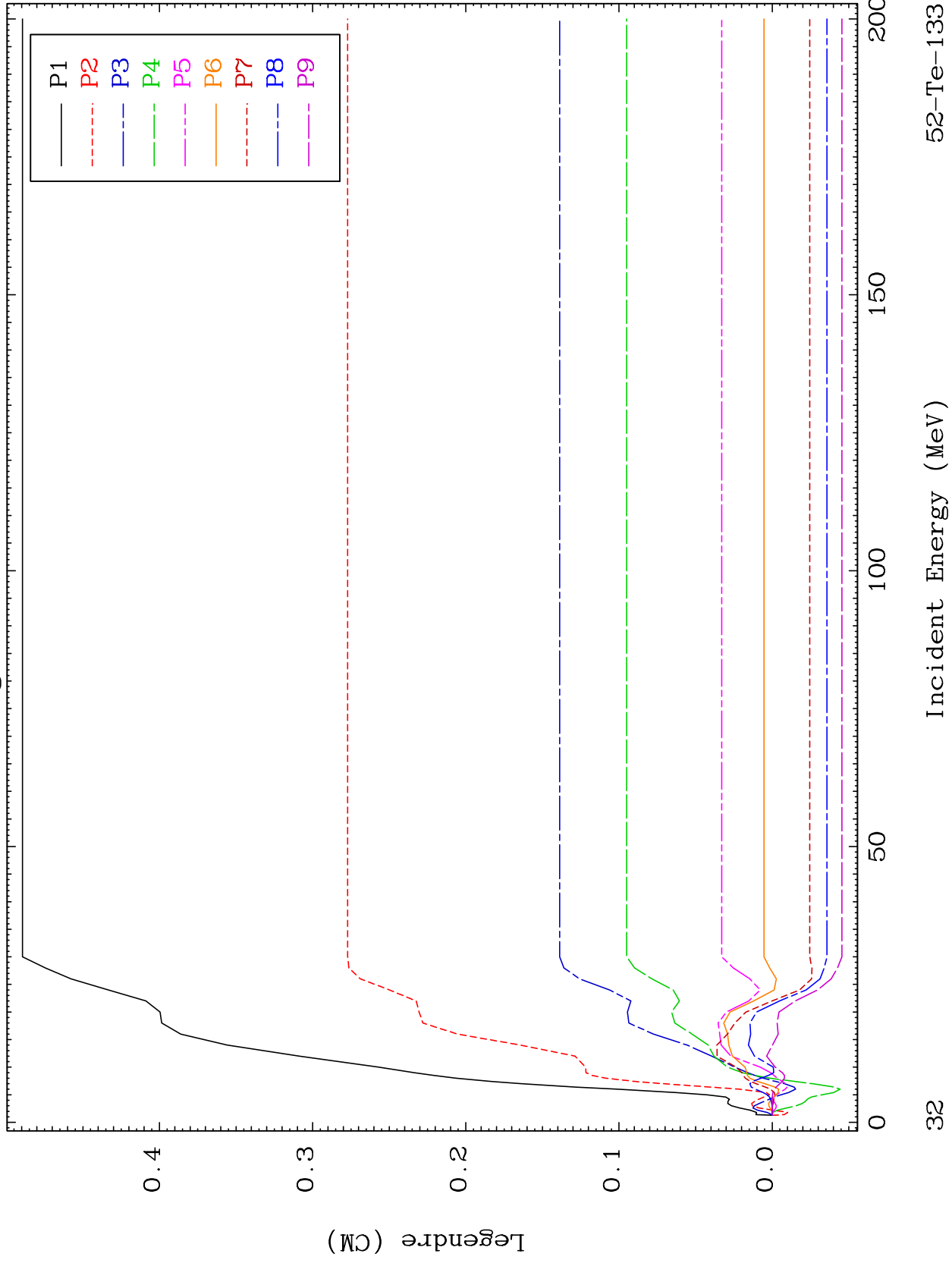




MAT 5264

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

52-Te-133



52-Te-133

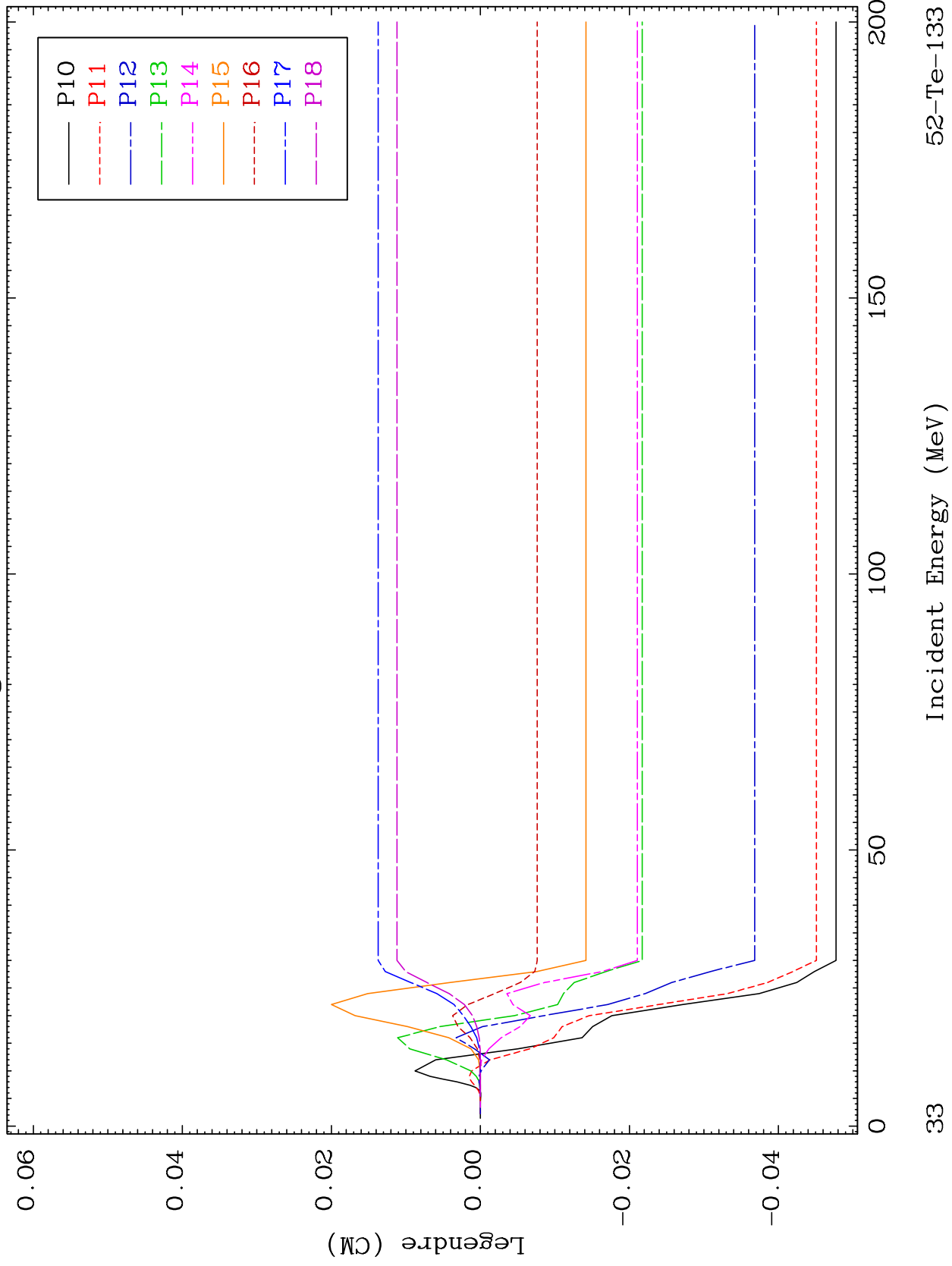
Incident Energy (MeV)

32

MAT 5264

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

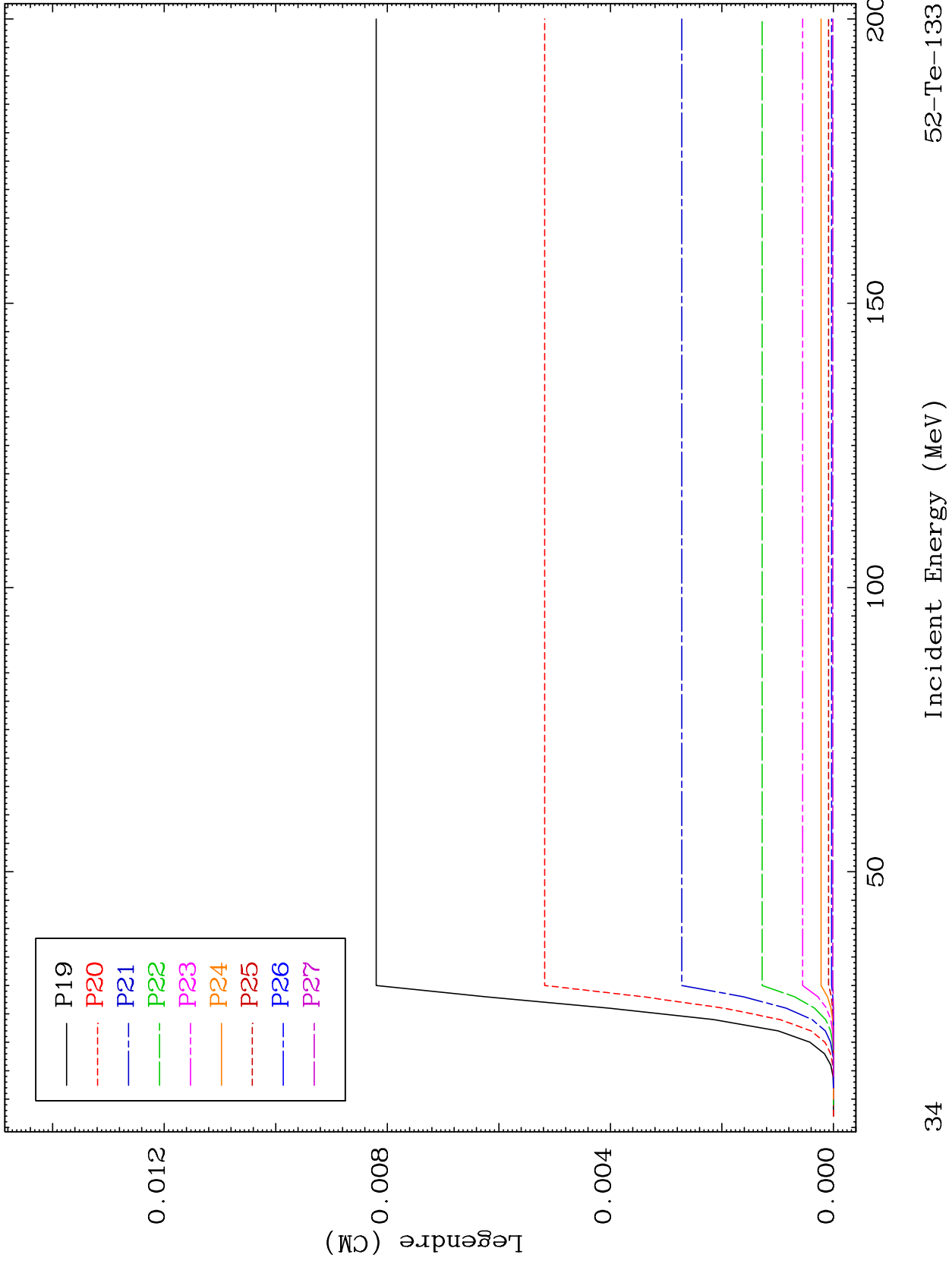
52-Te-133



MAT 5264

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

52-Te-133



34

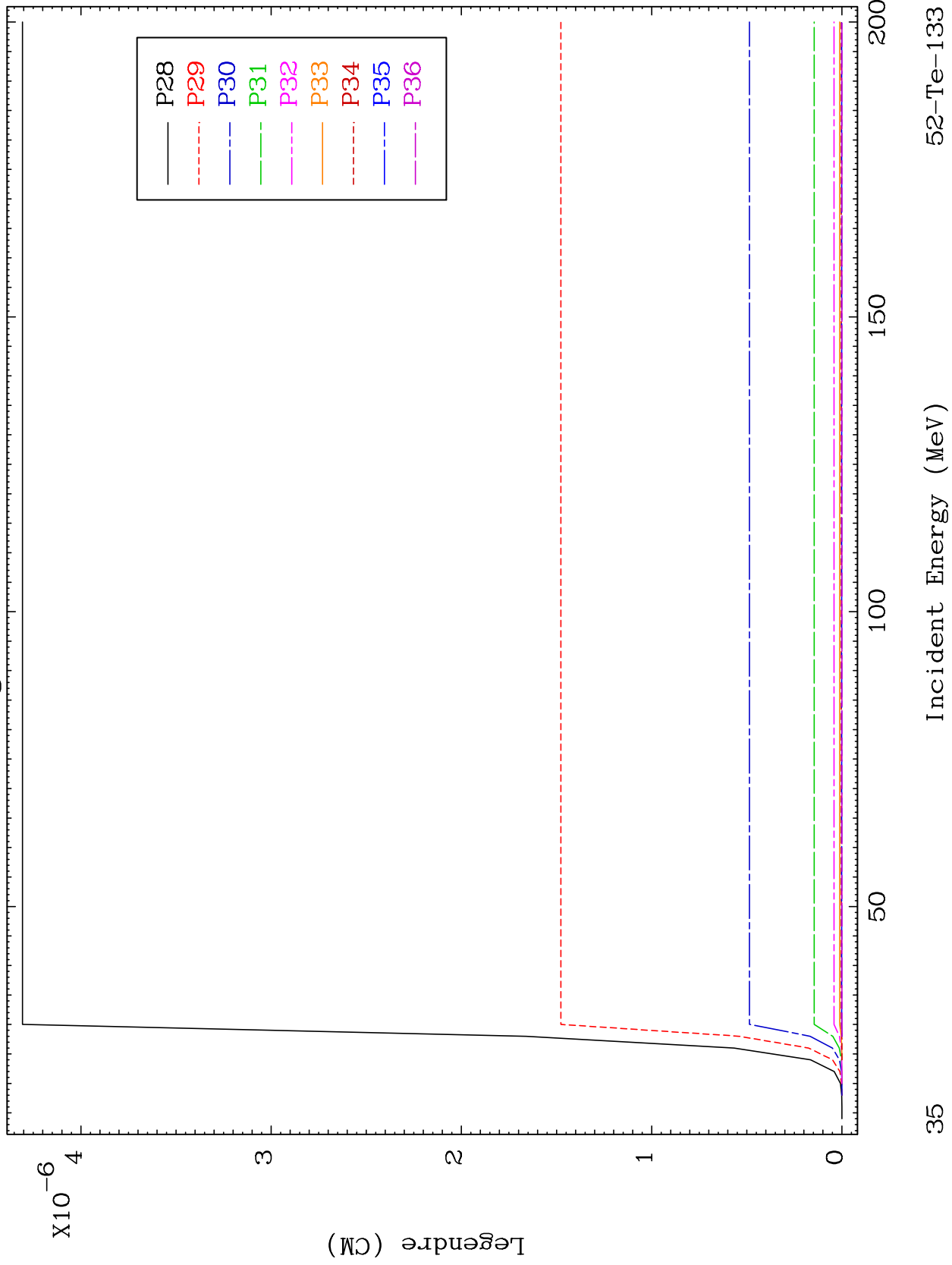
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



35

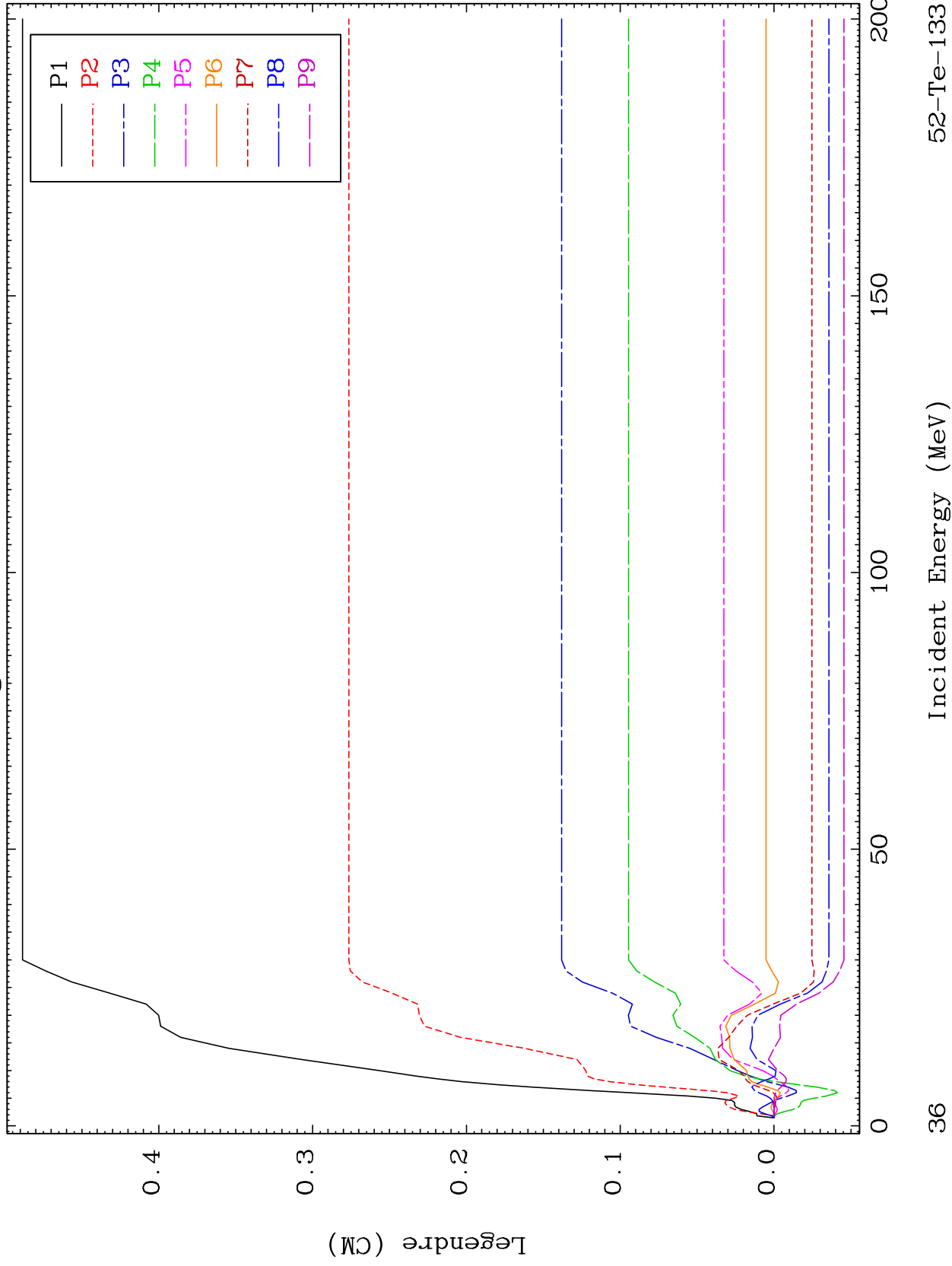
Incident Energy (MeV)

52-Te-133

MAT 5264

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

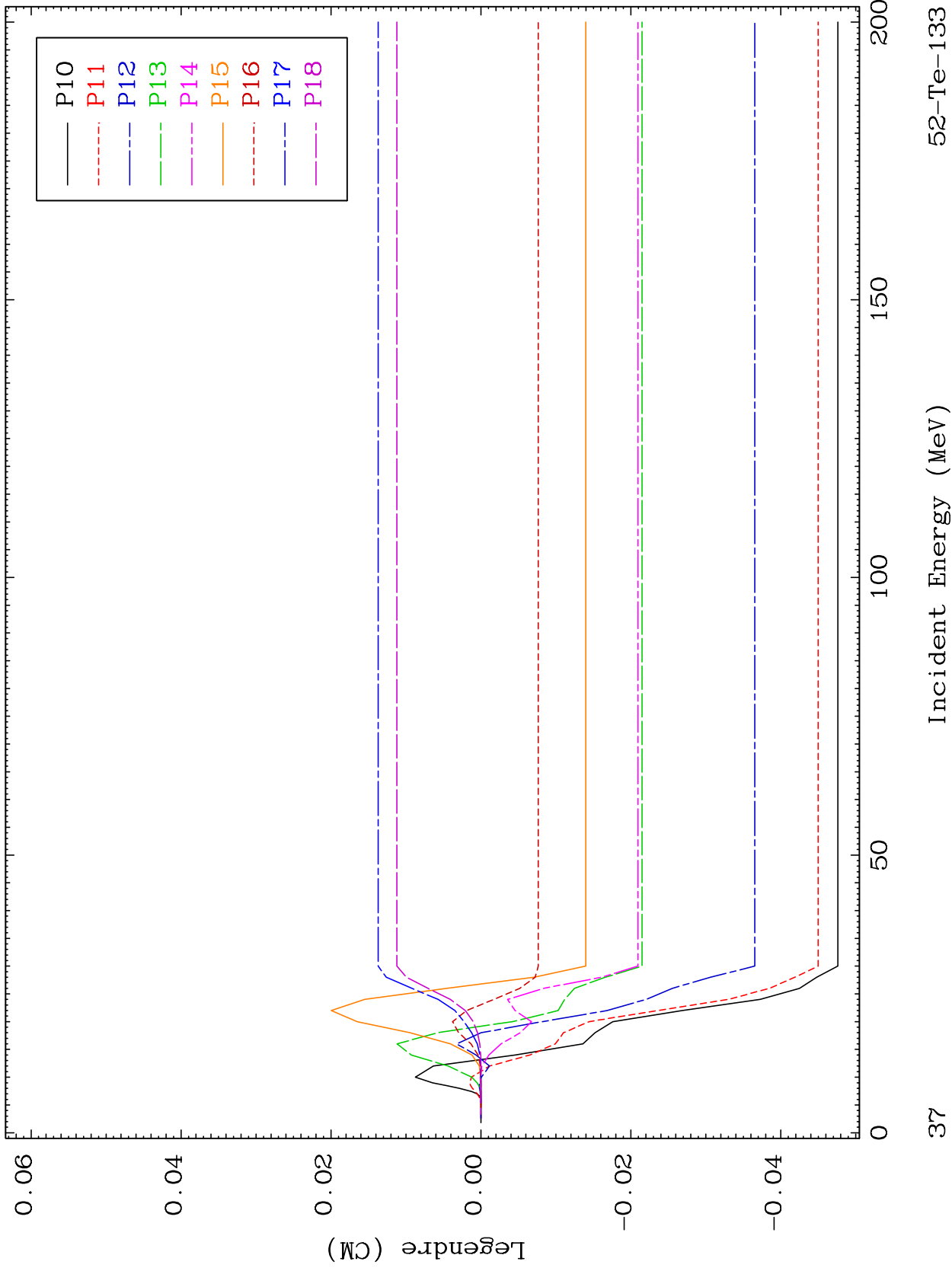
52-Te-133



MAT 5264

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

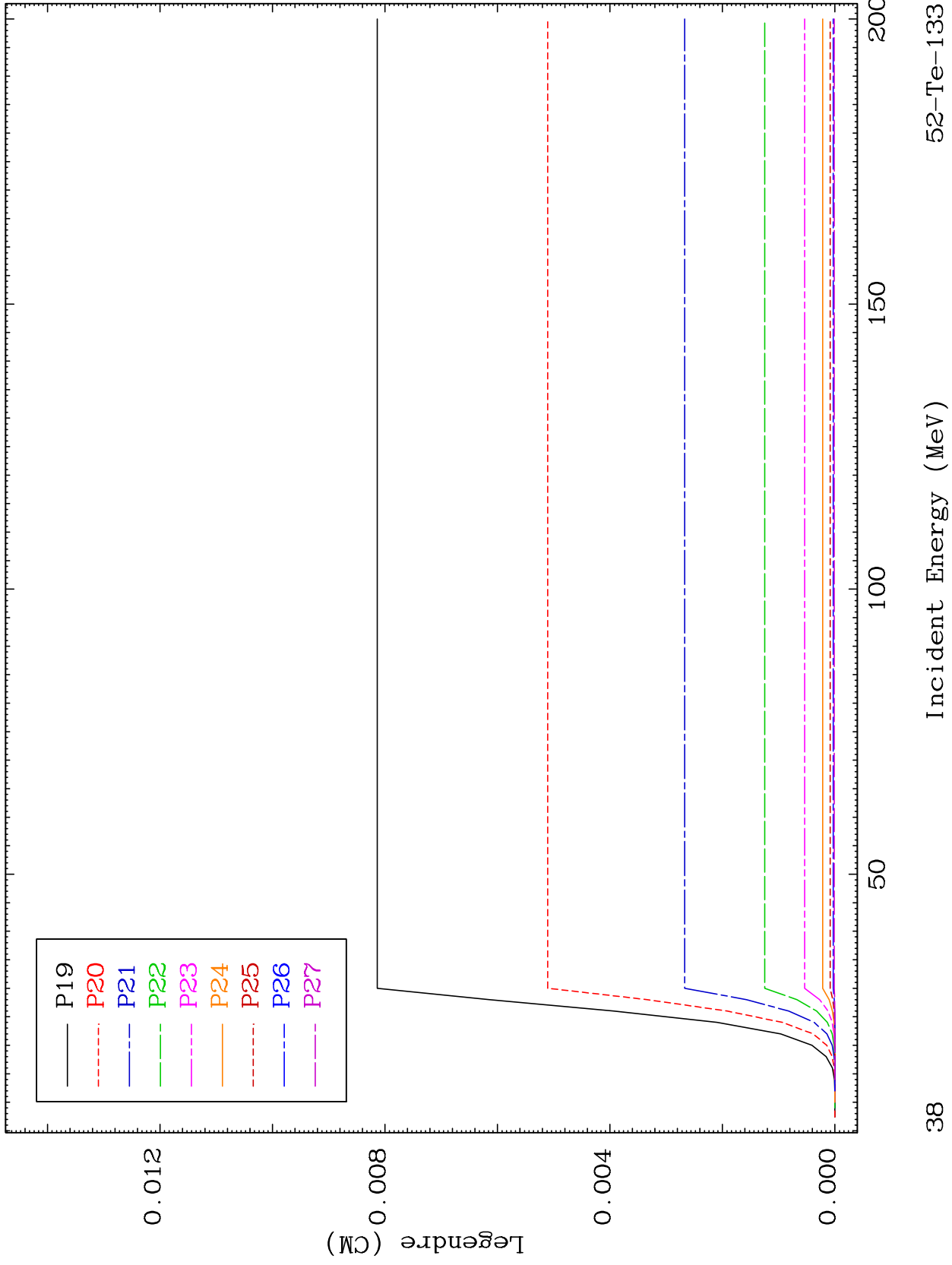
52-Te-133



MAT 5264

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

52-Te-133



38

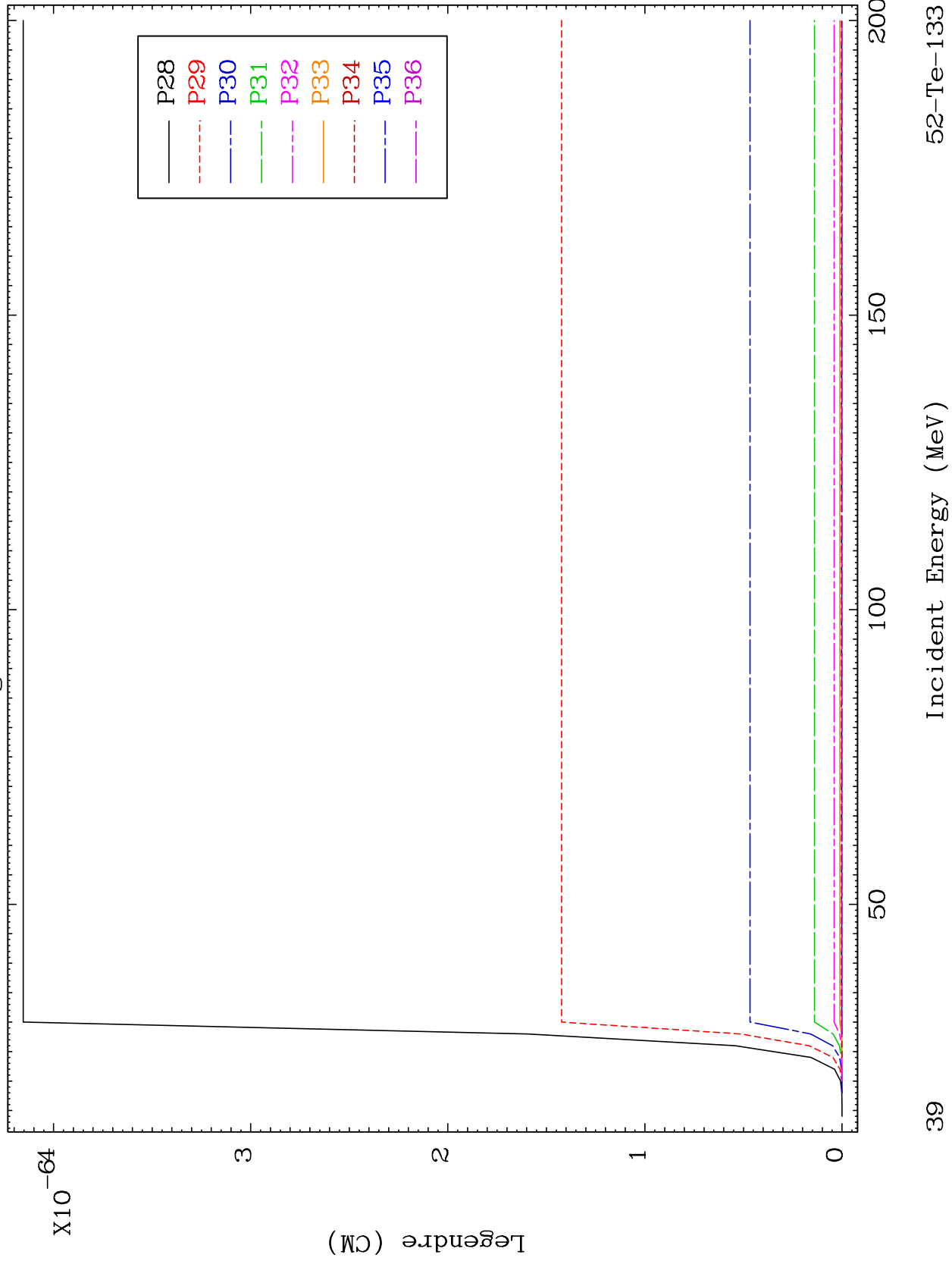
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



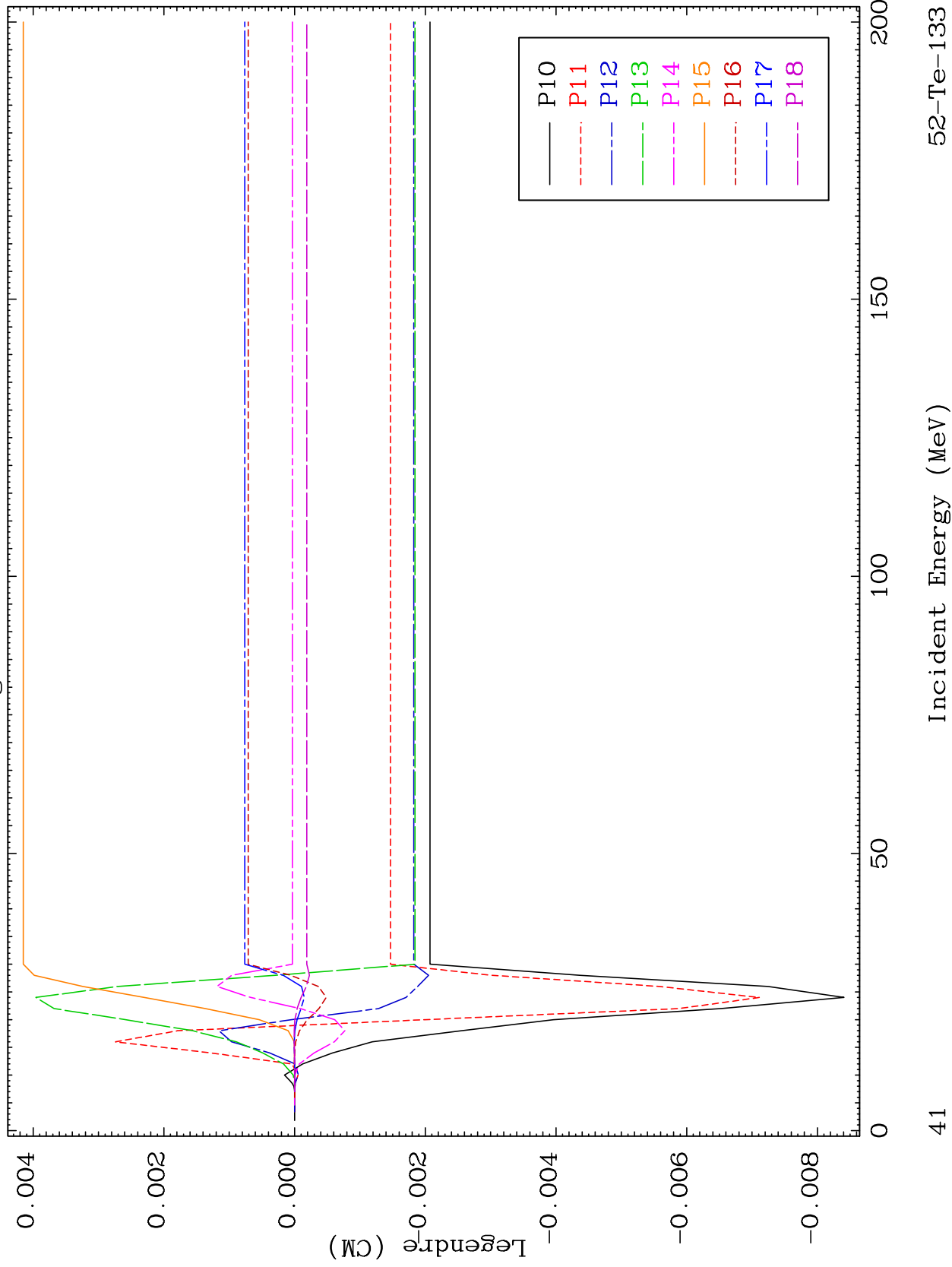


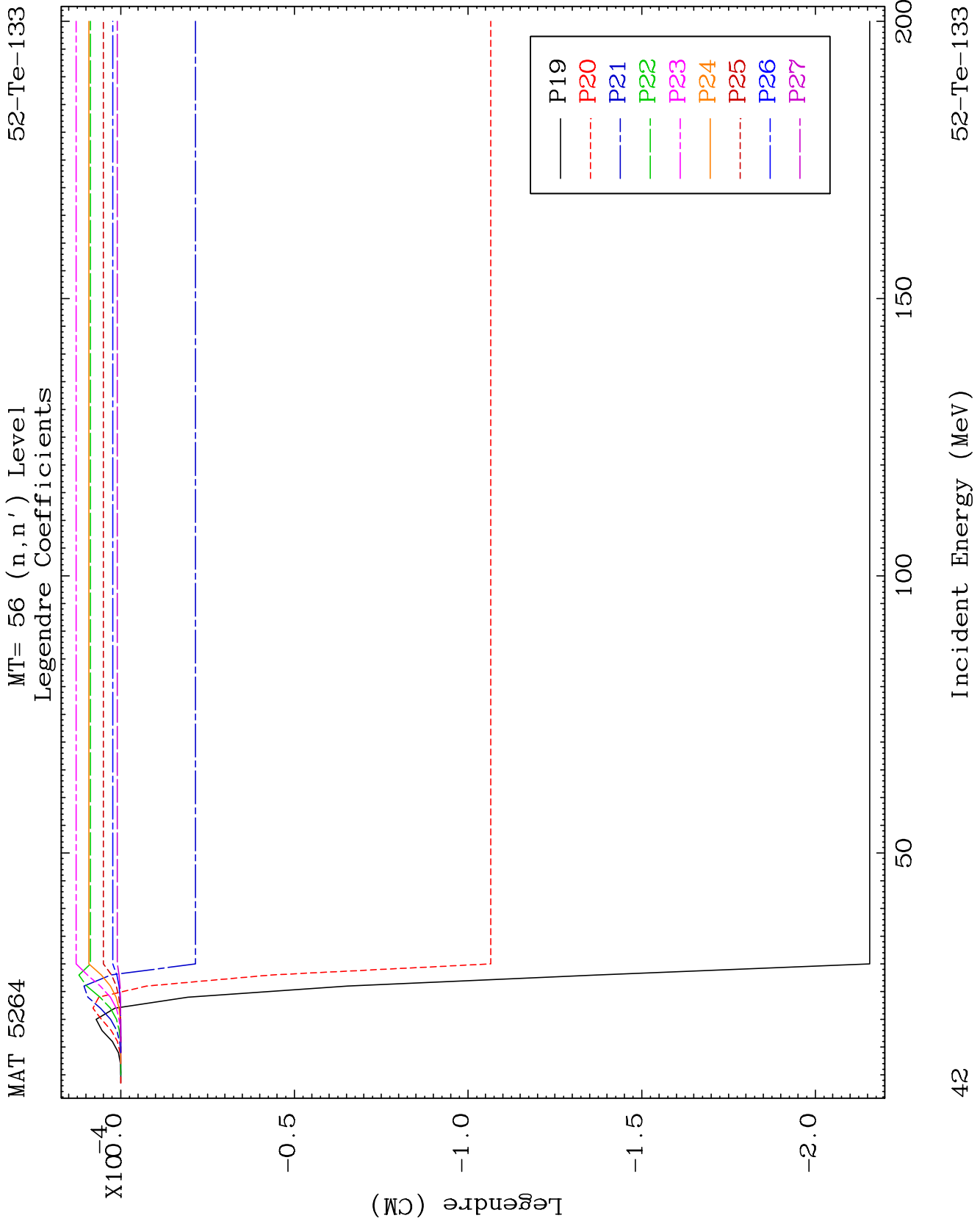


MAT 5264

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

52-Te-133

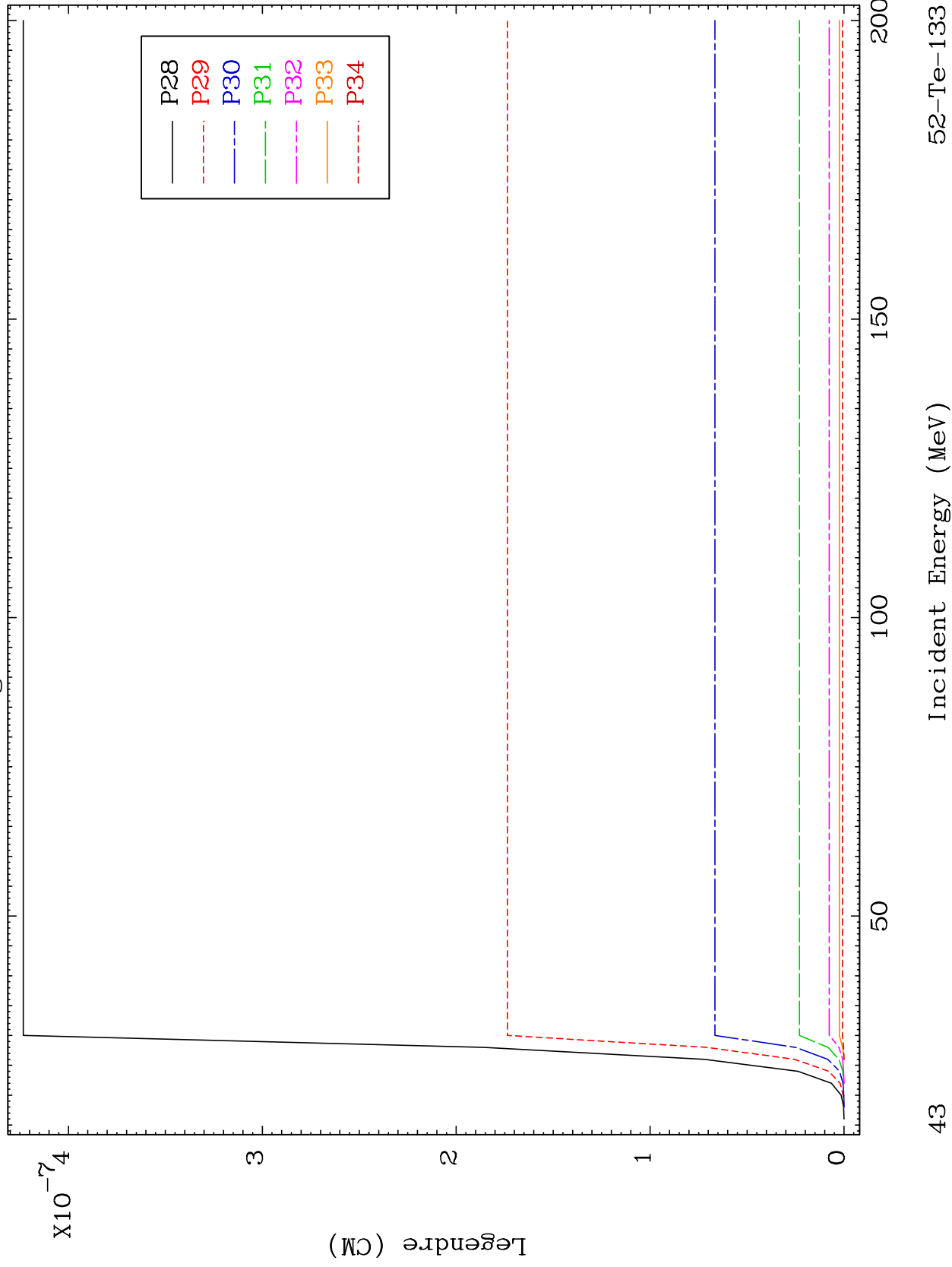




MAT 5264

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

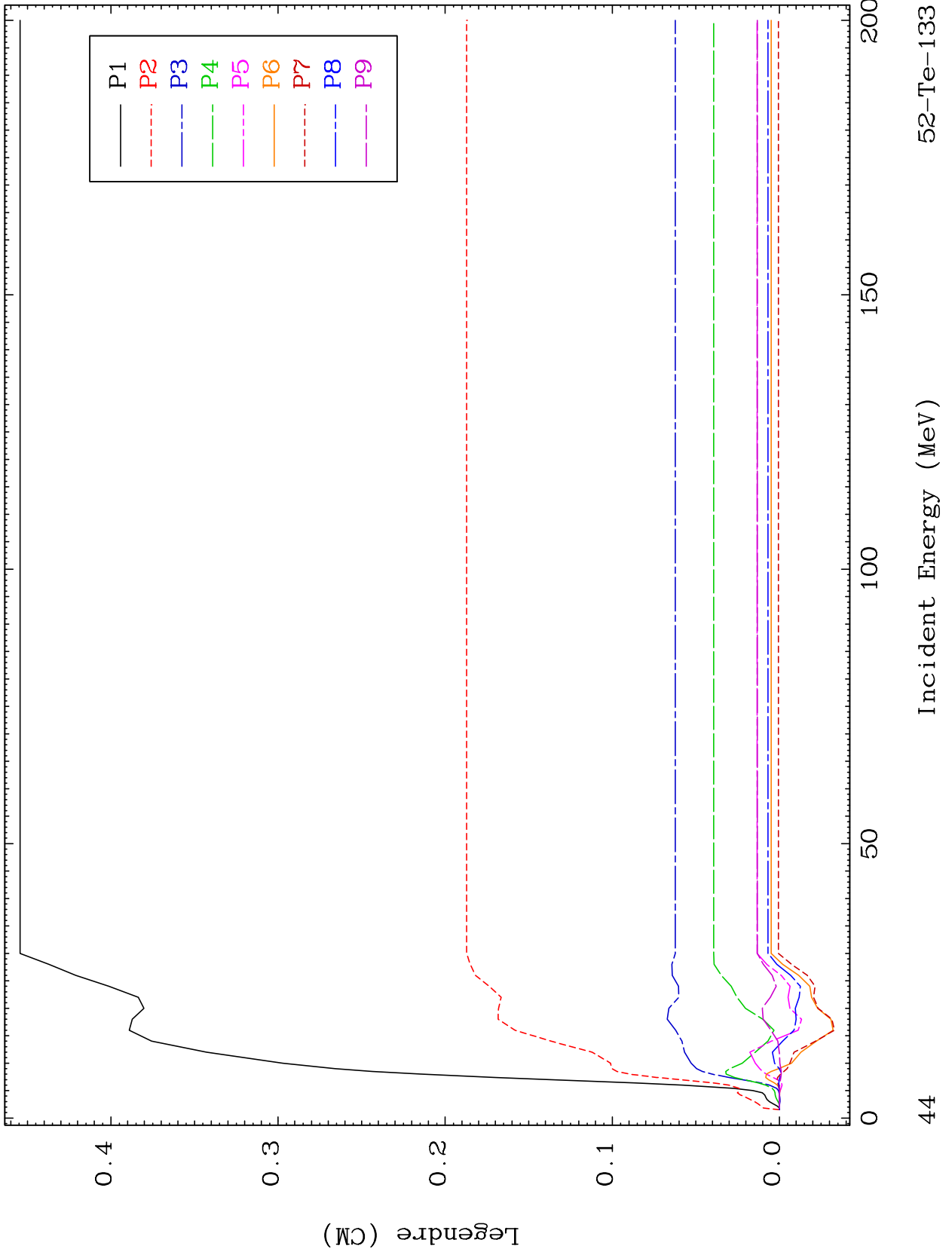
52-Te-133



MAT 5264

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

52-Te-133



52-Te-133

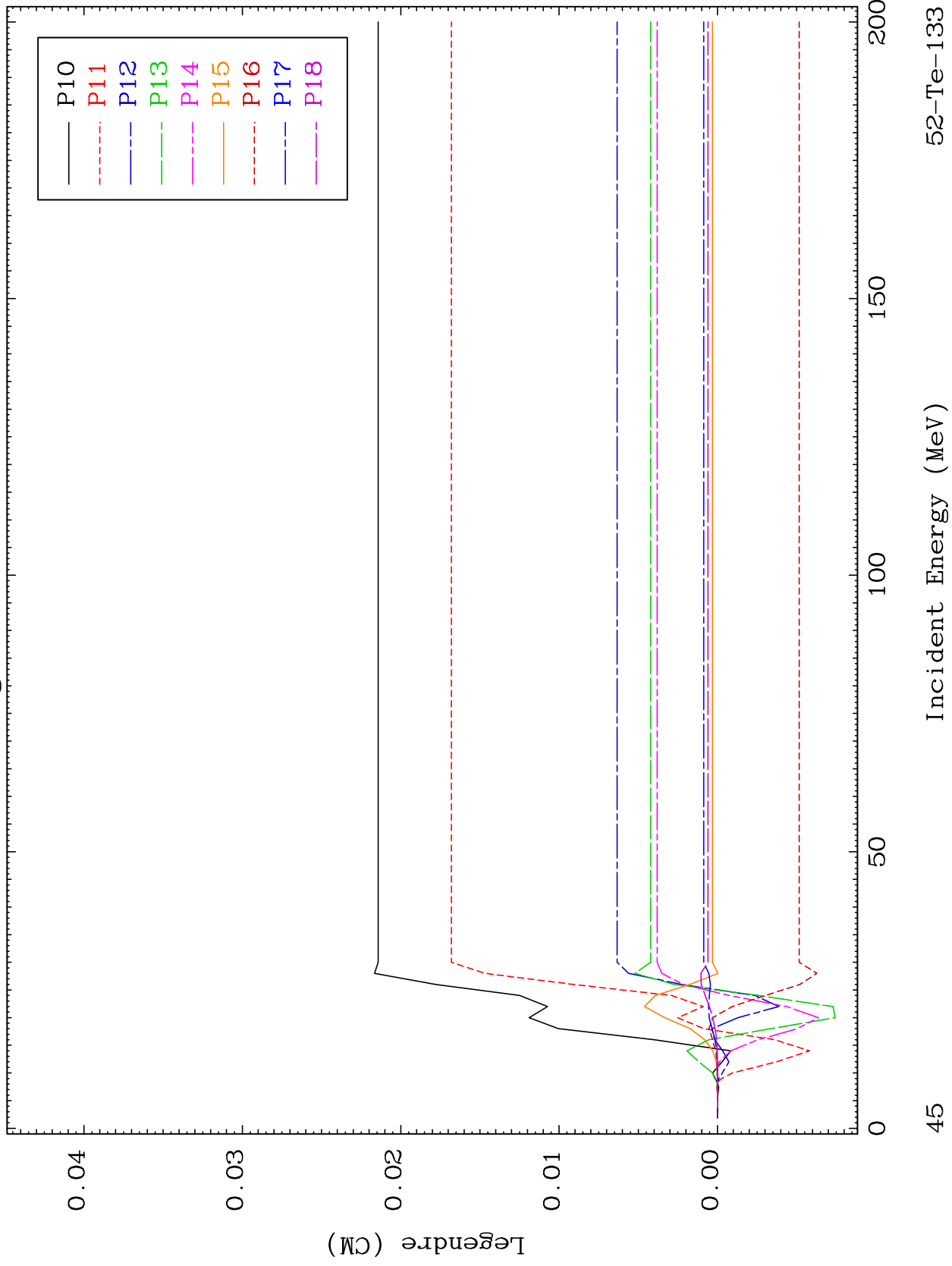
Incident Energy (MeV)

44

MAT 5264

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

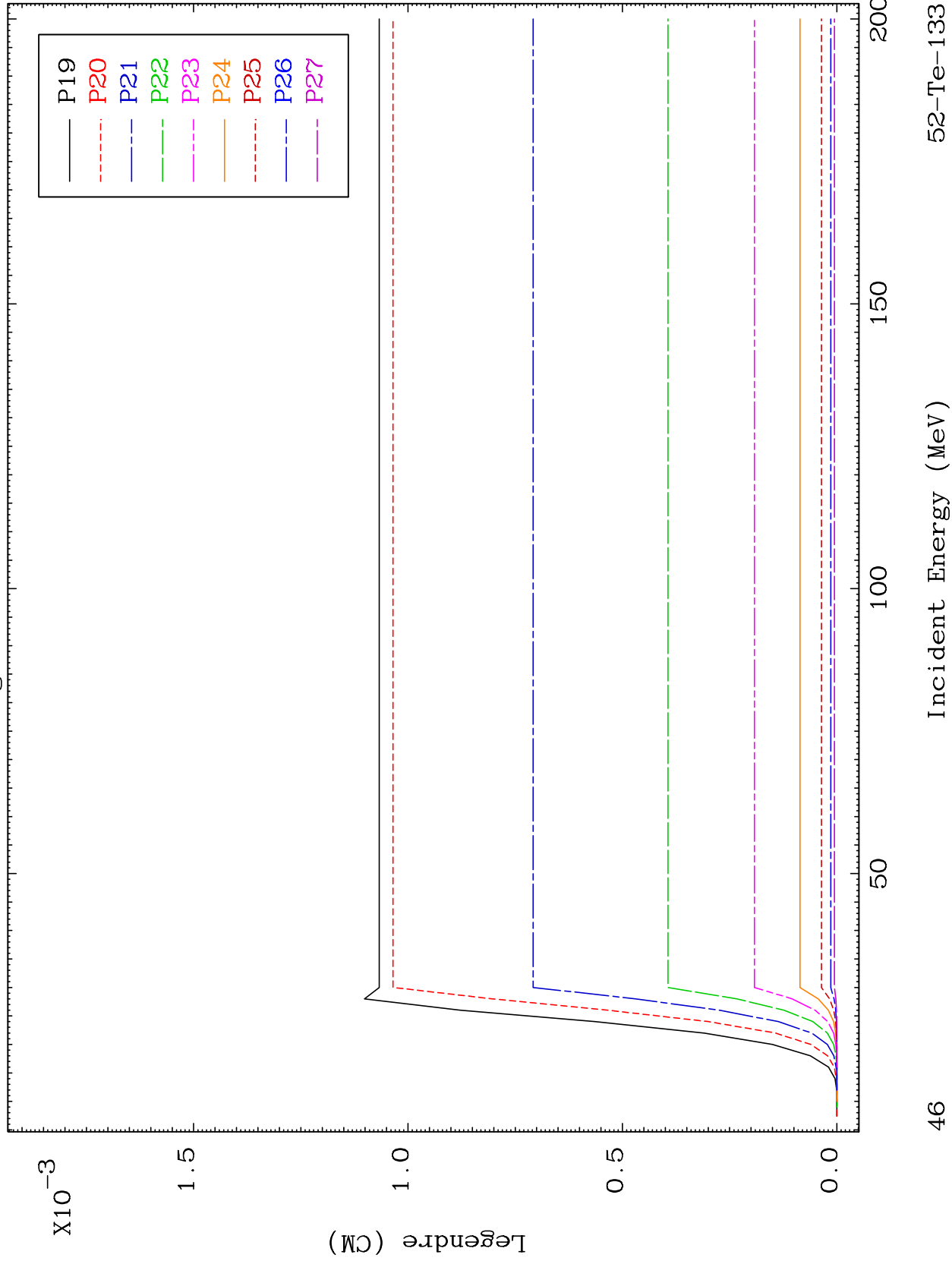
52-Te-133



MAT 5264

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

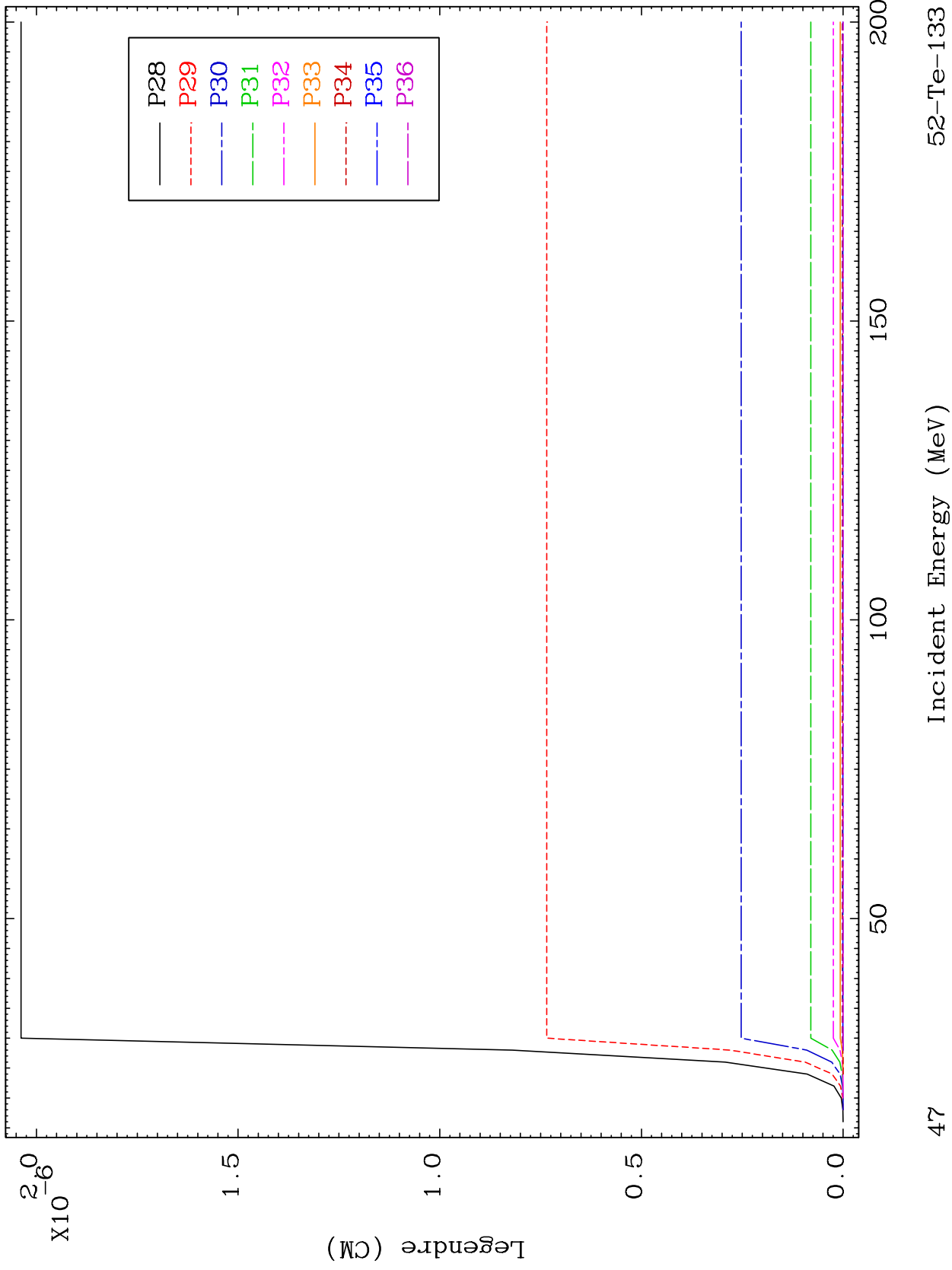
52-Te-133



MAT 5264

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

52-Te-133

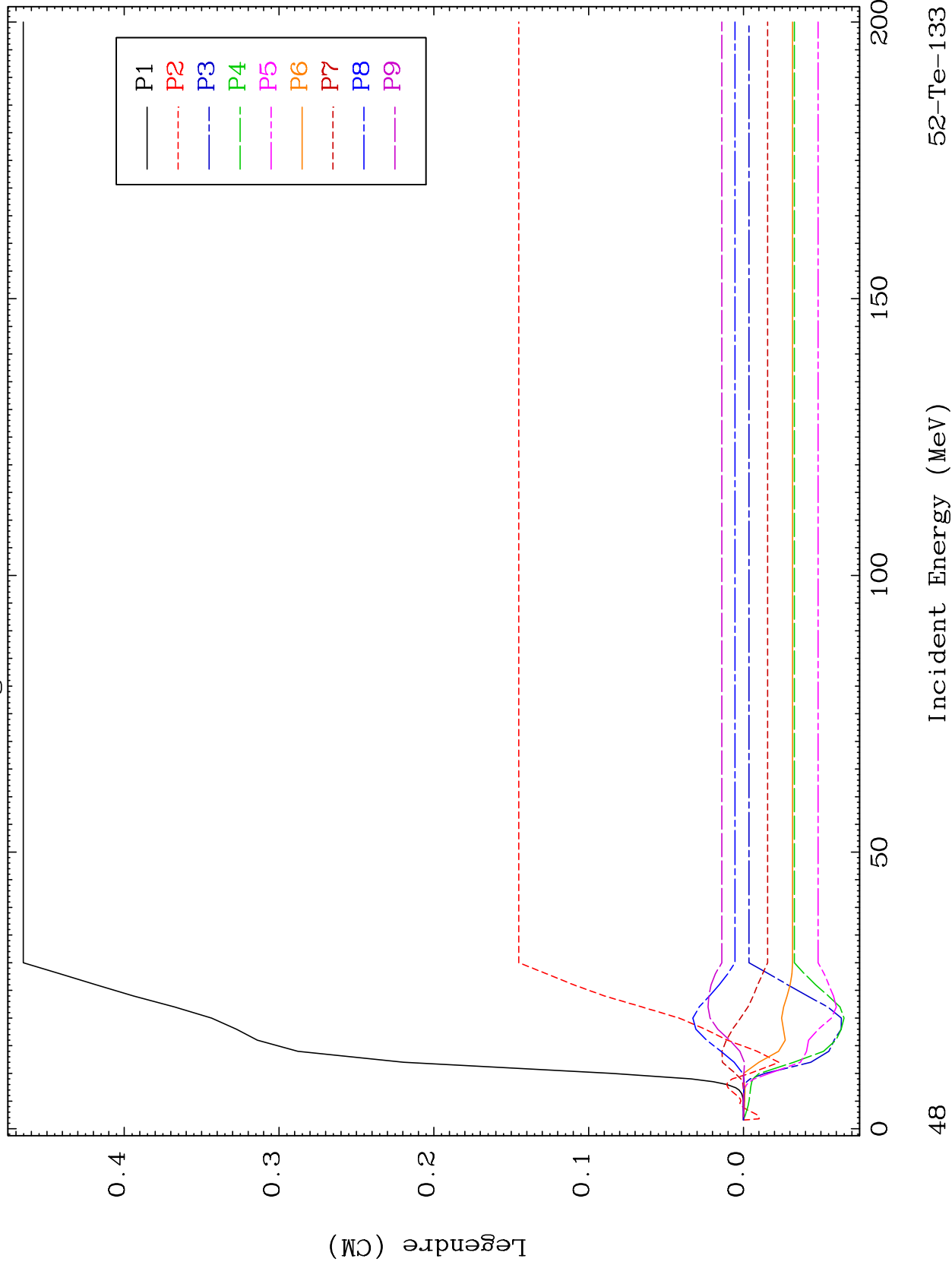




MAT 5264

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

52-Te-133



52-Te-133

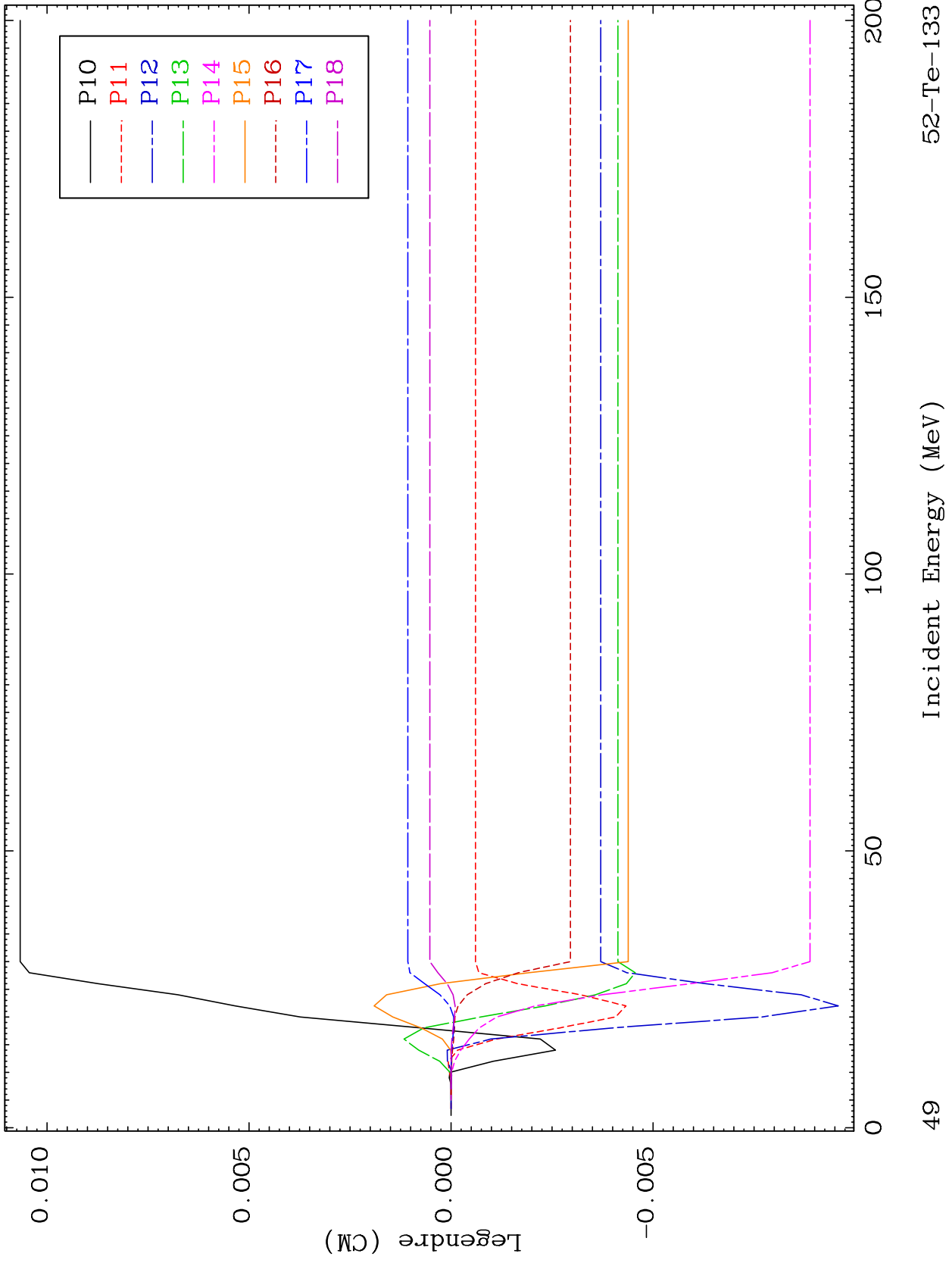
Incident Energy (MeV)

48

MAT 5264

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

52-Te-133



49

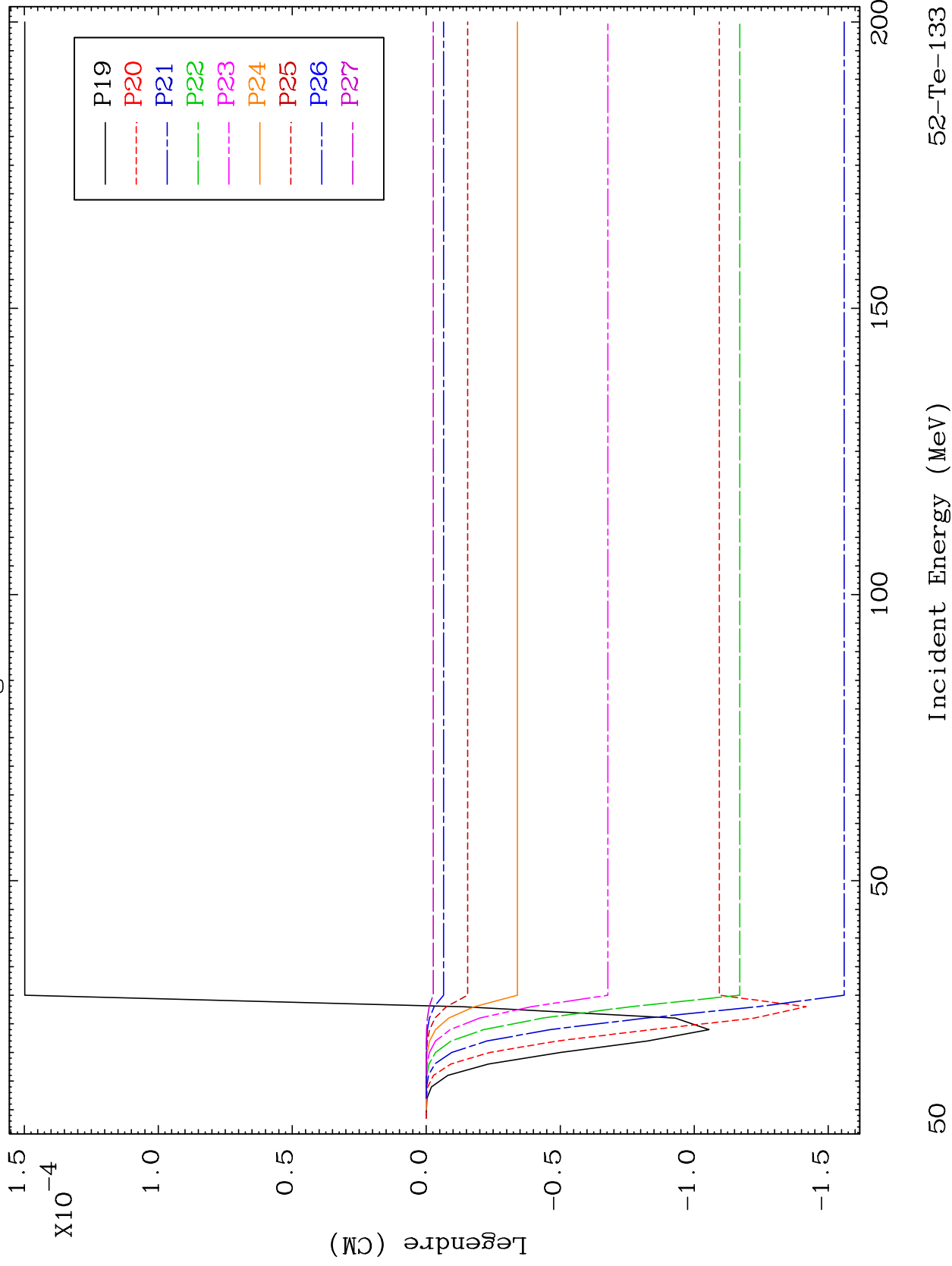
Incident Energy (MeV)

52-Te-133

MAT 5264

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

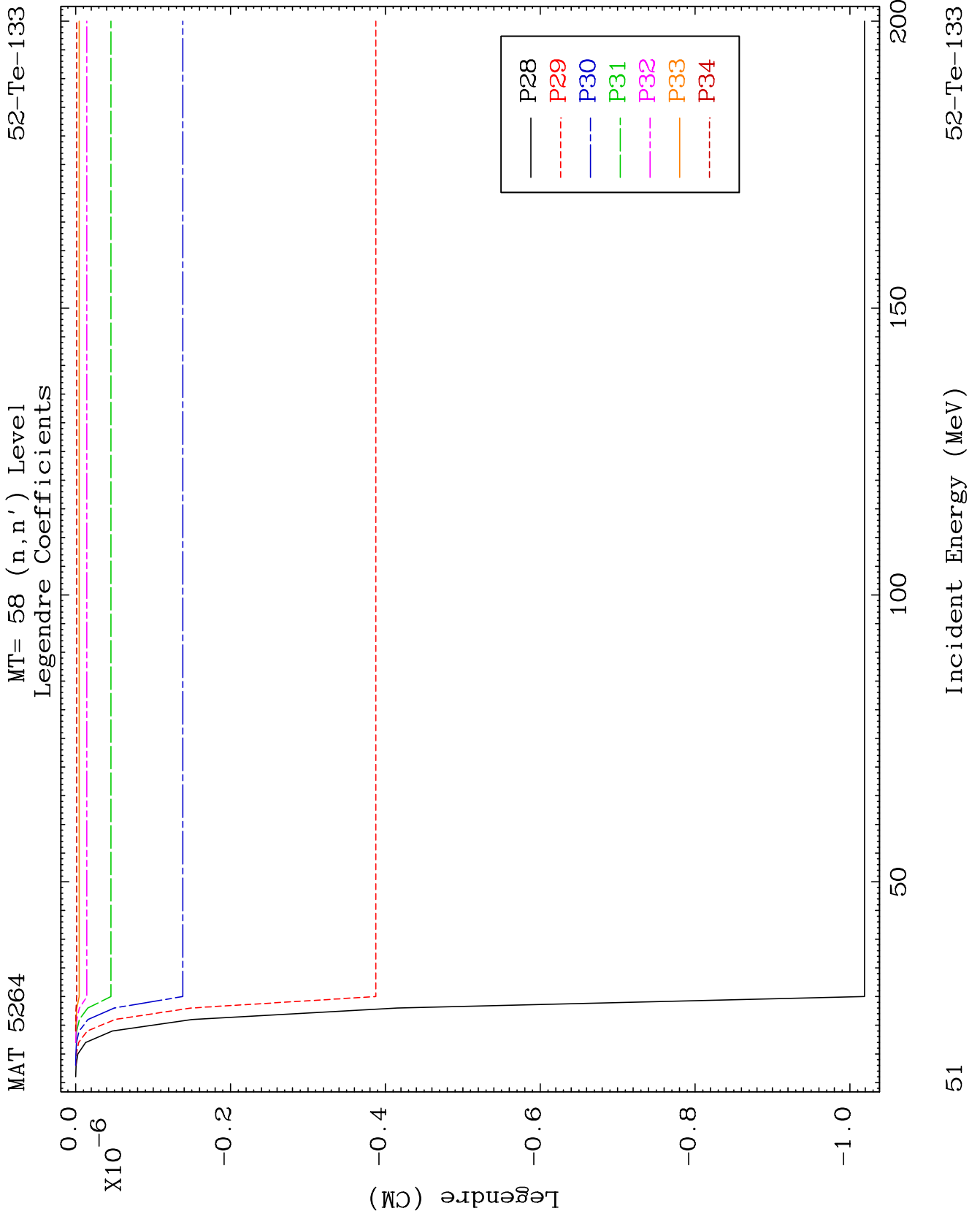
52-Te-133



52-Te-133

Incident Energy (MeV)

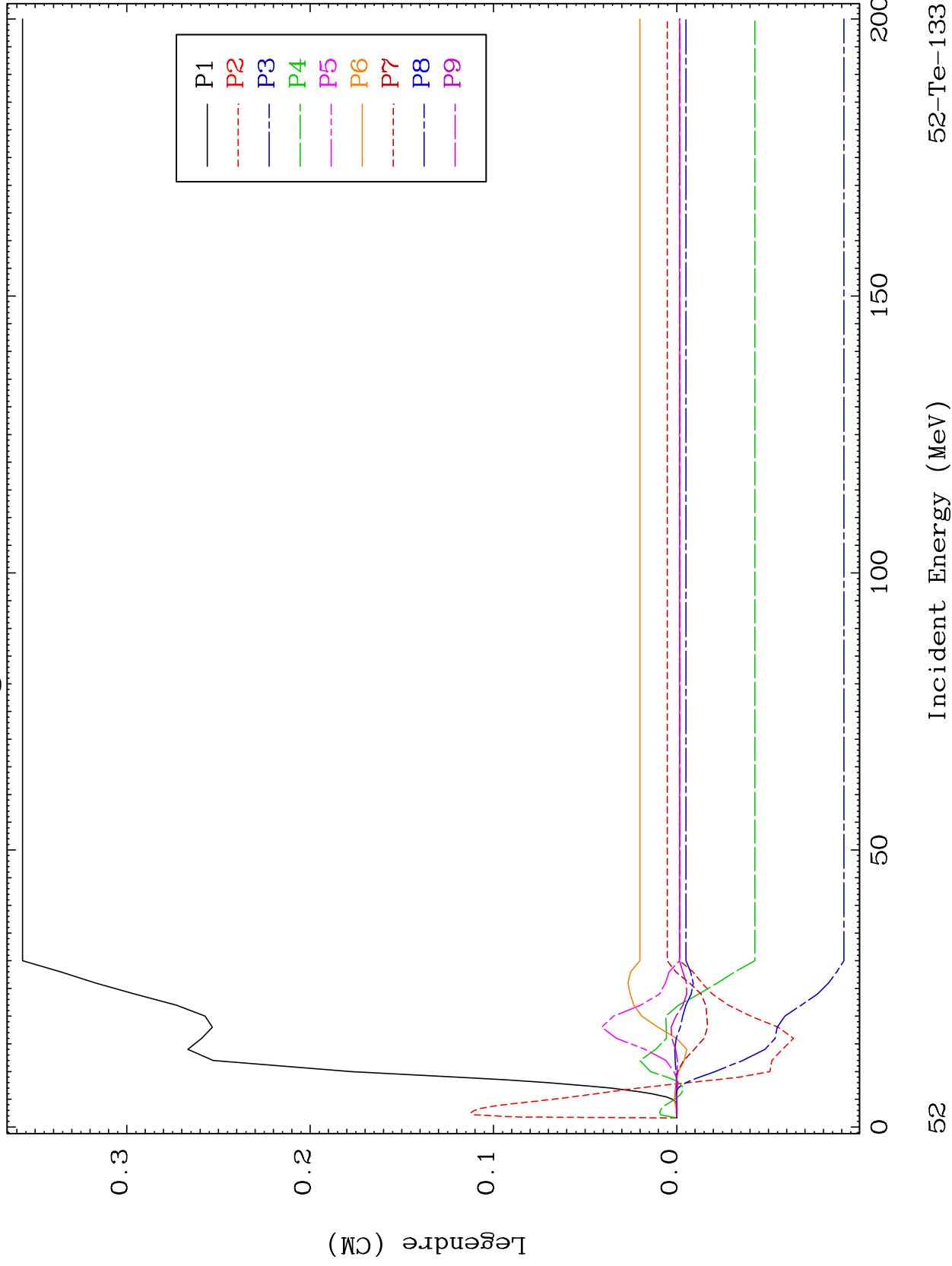
50



MAT 5264

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

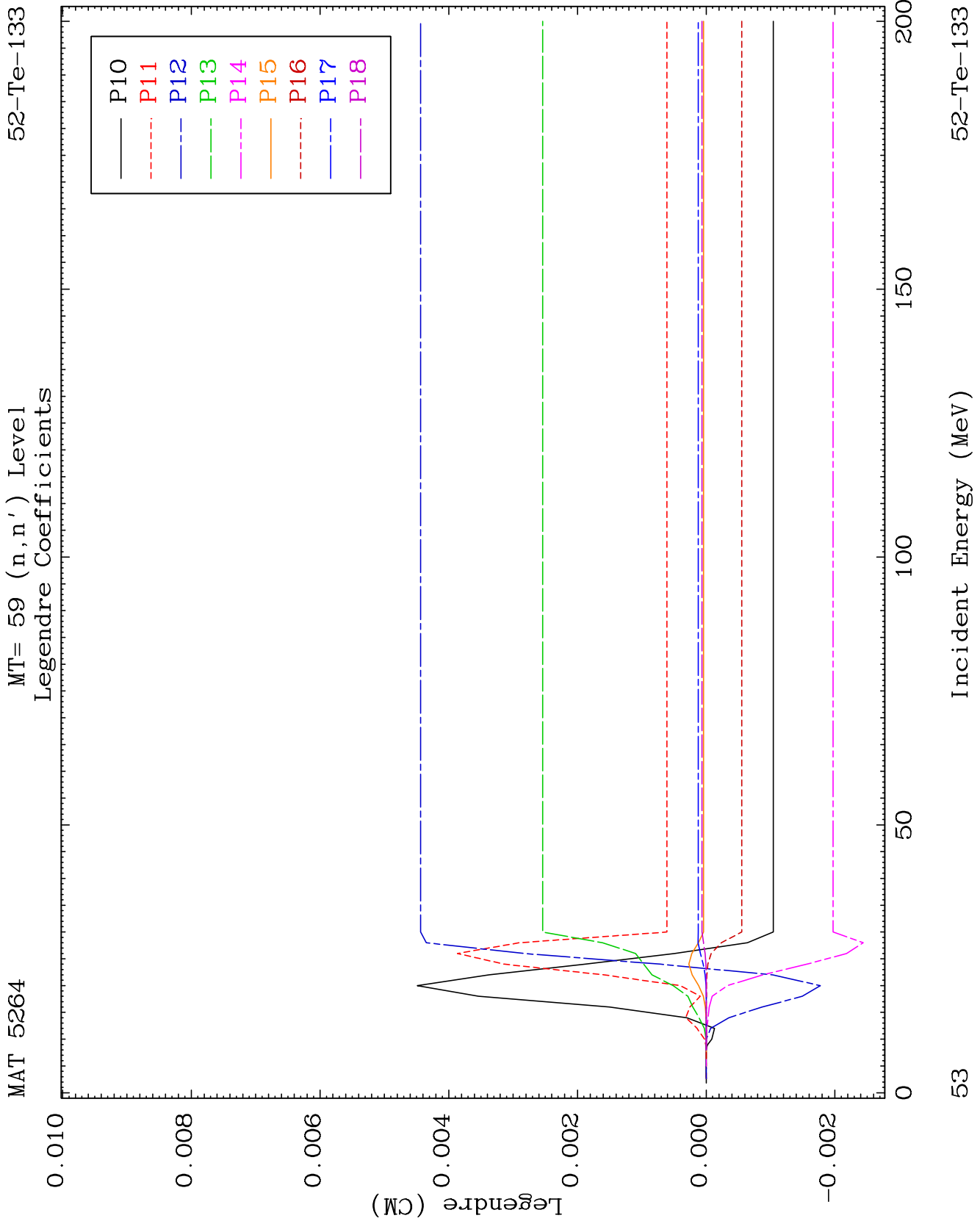
52-Te-133



52-Te-133

Incident Energy (MeV)

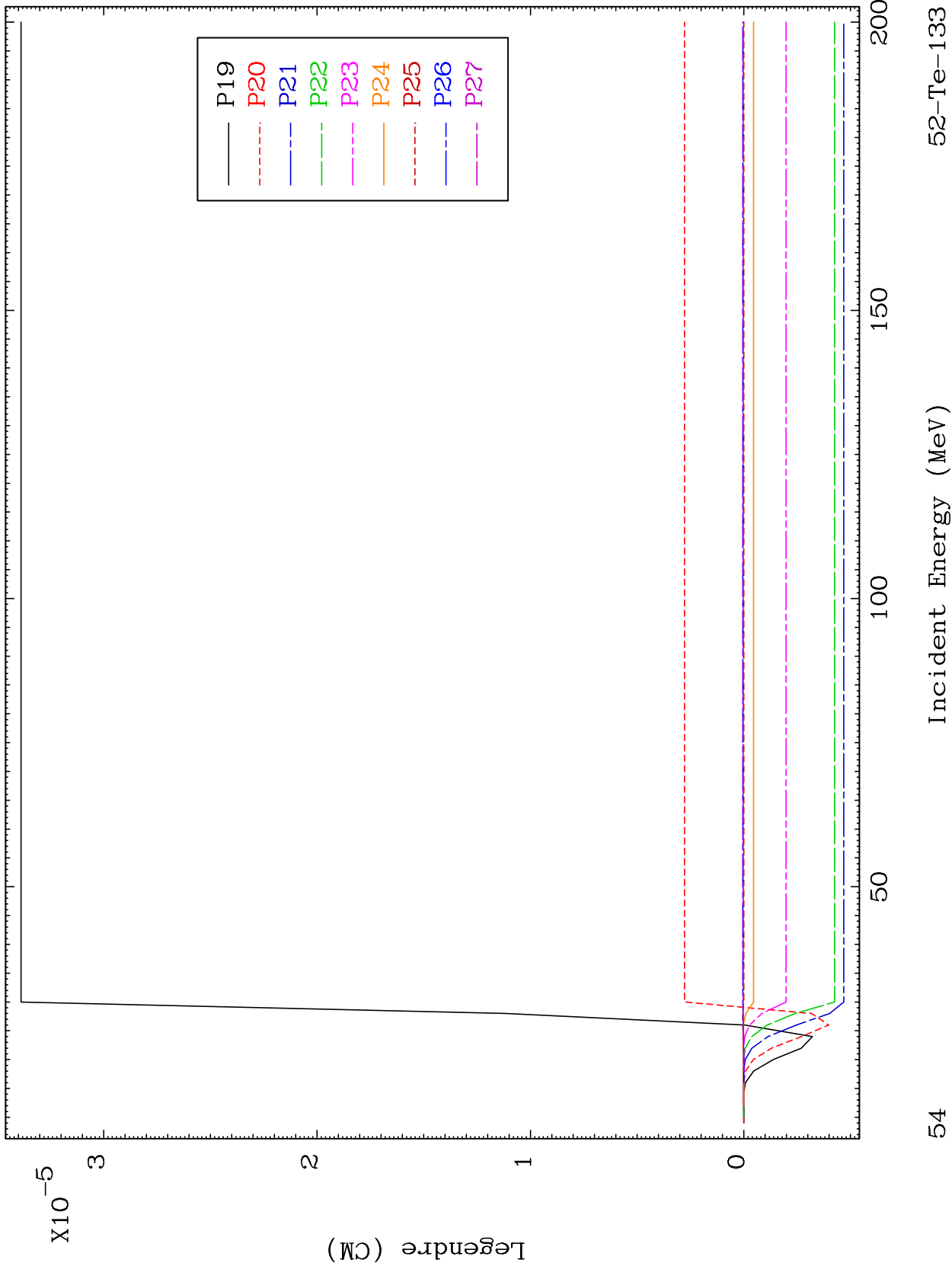
52



MAT 5264

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

52-Te-133



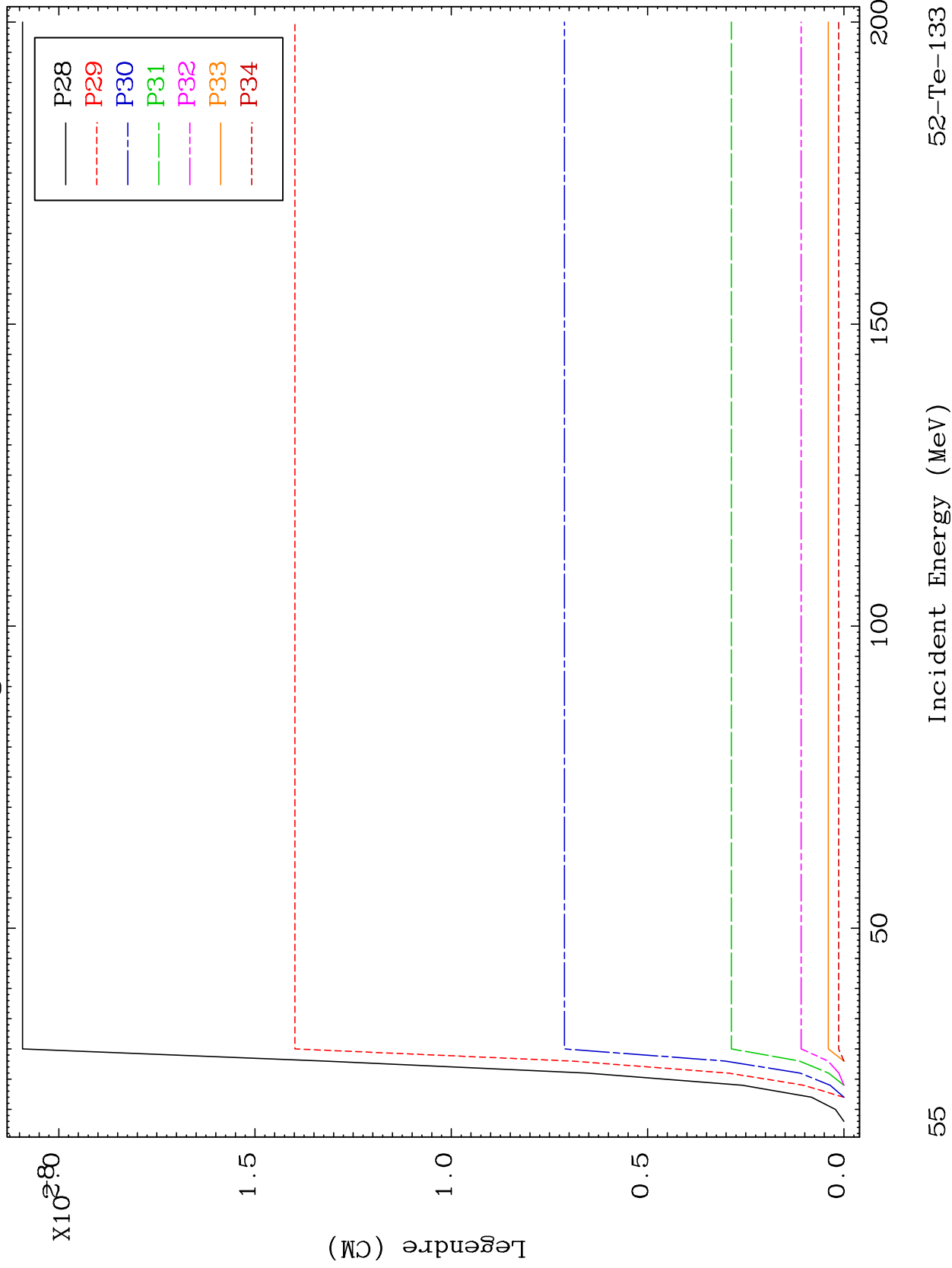
54

52-Te-133

MAT 5264

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

52-Te-133



55

Incident Energy (MeV)

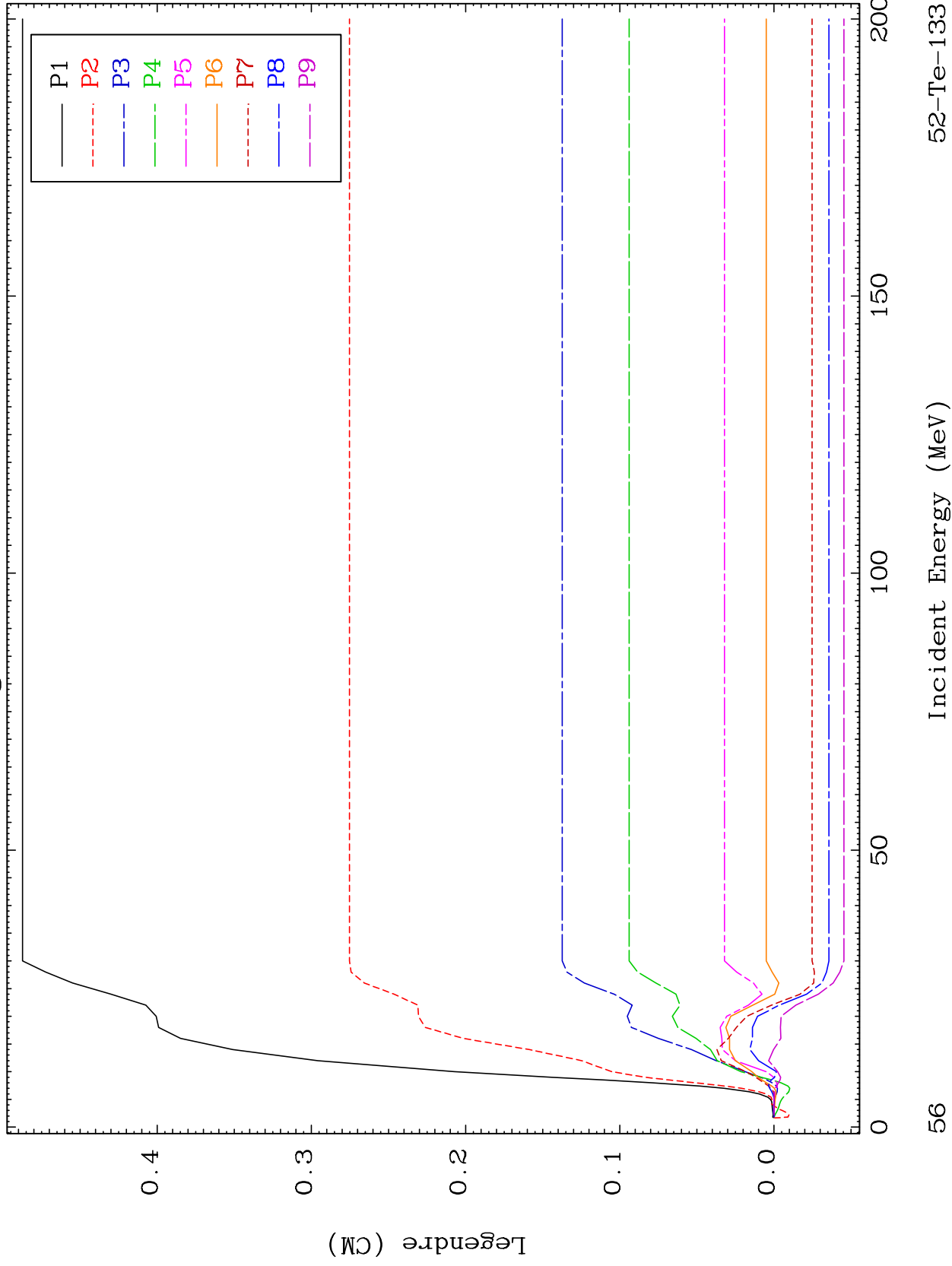
52-Te-133



MAT 5264

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

52-Te-133



52-Te-133

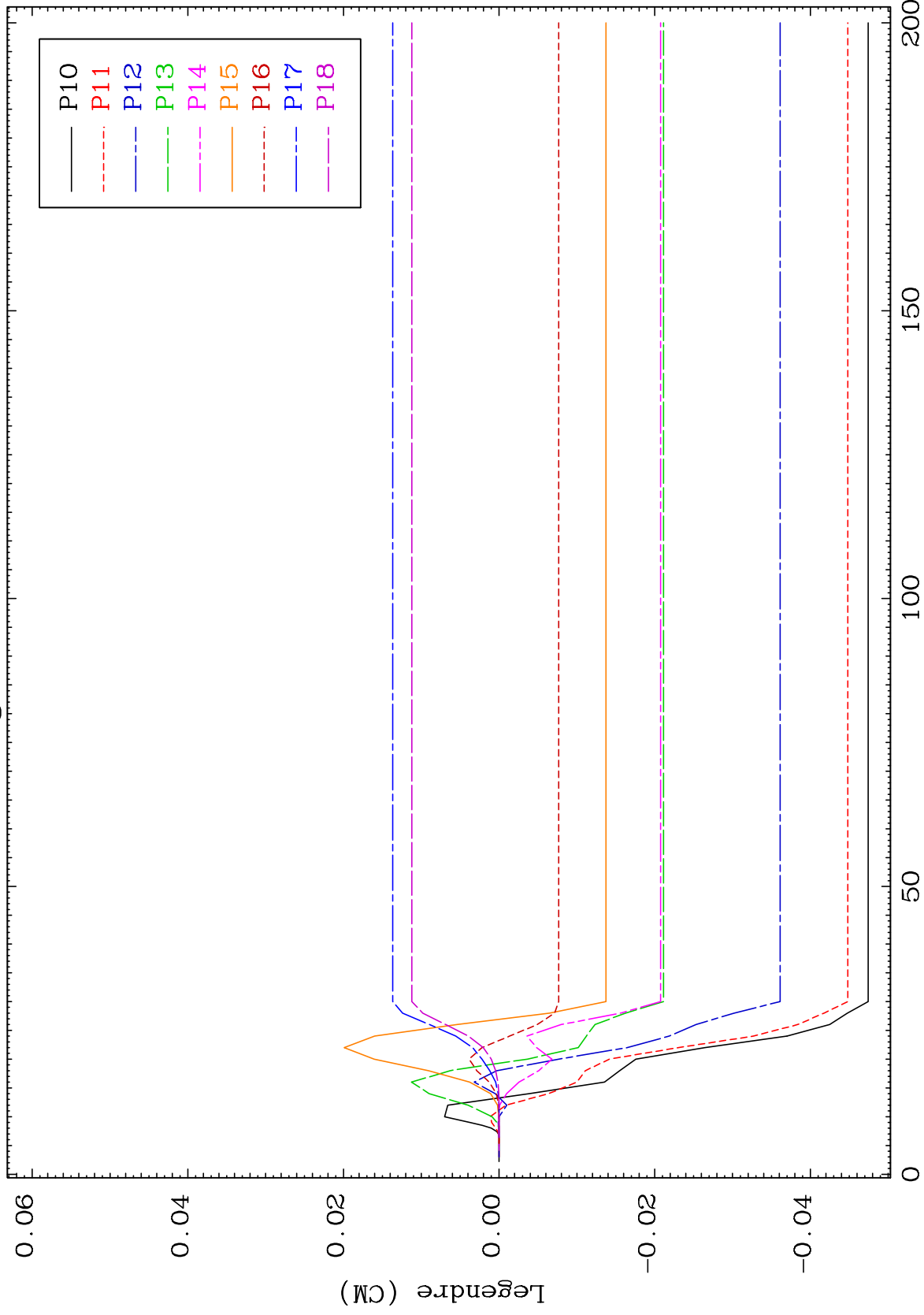
Incident Energy (MeV)

56

MAT 5264

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

52-Te-133



57

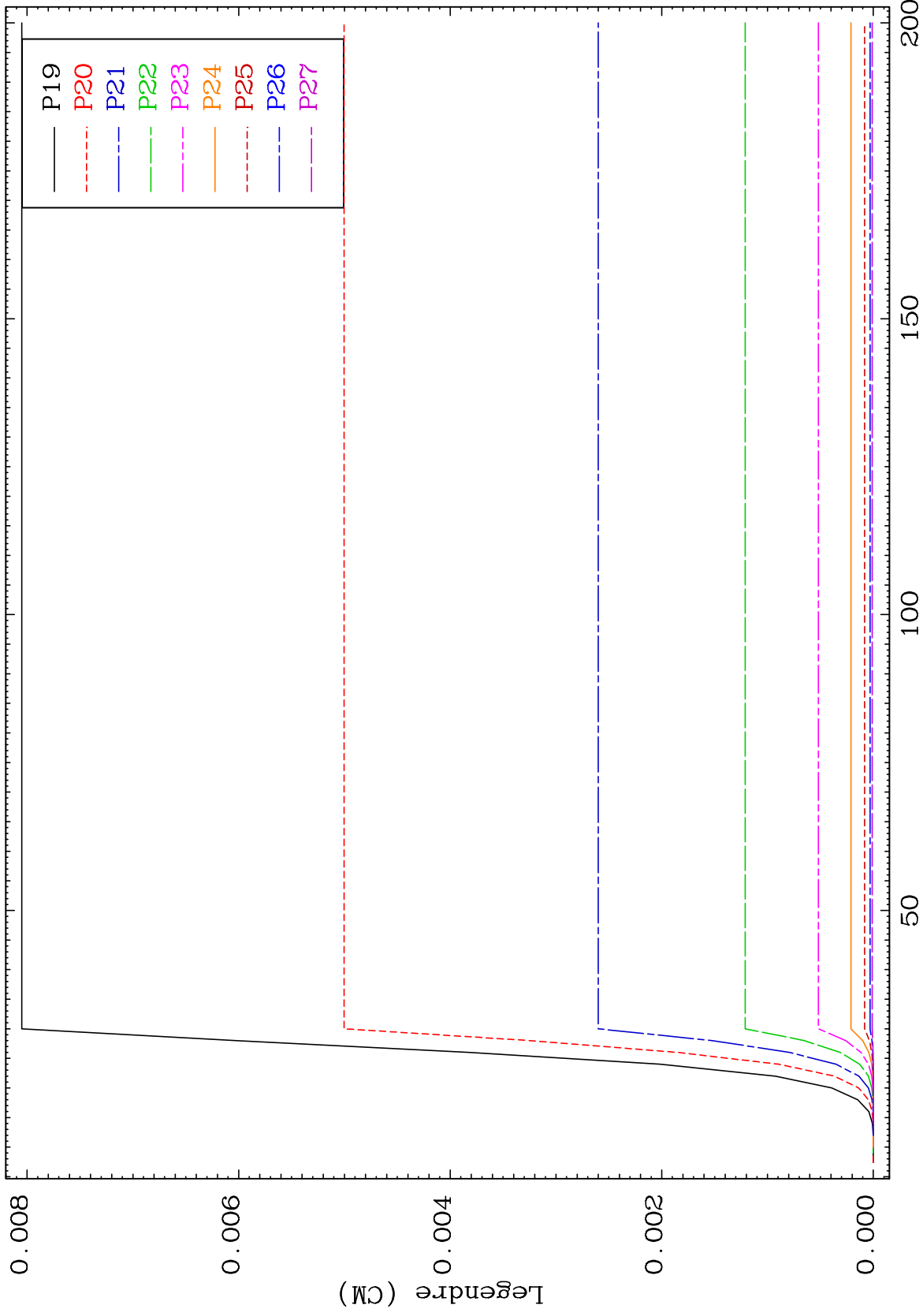
Incident Energy (MeV)

52-Te-133

MAT 5264

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

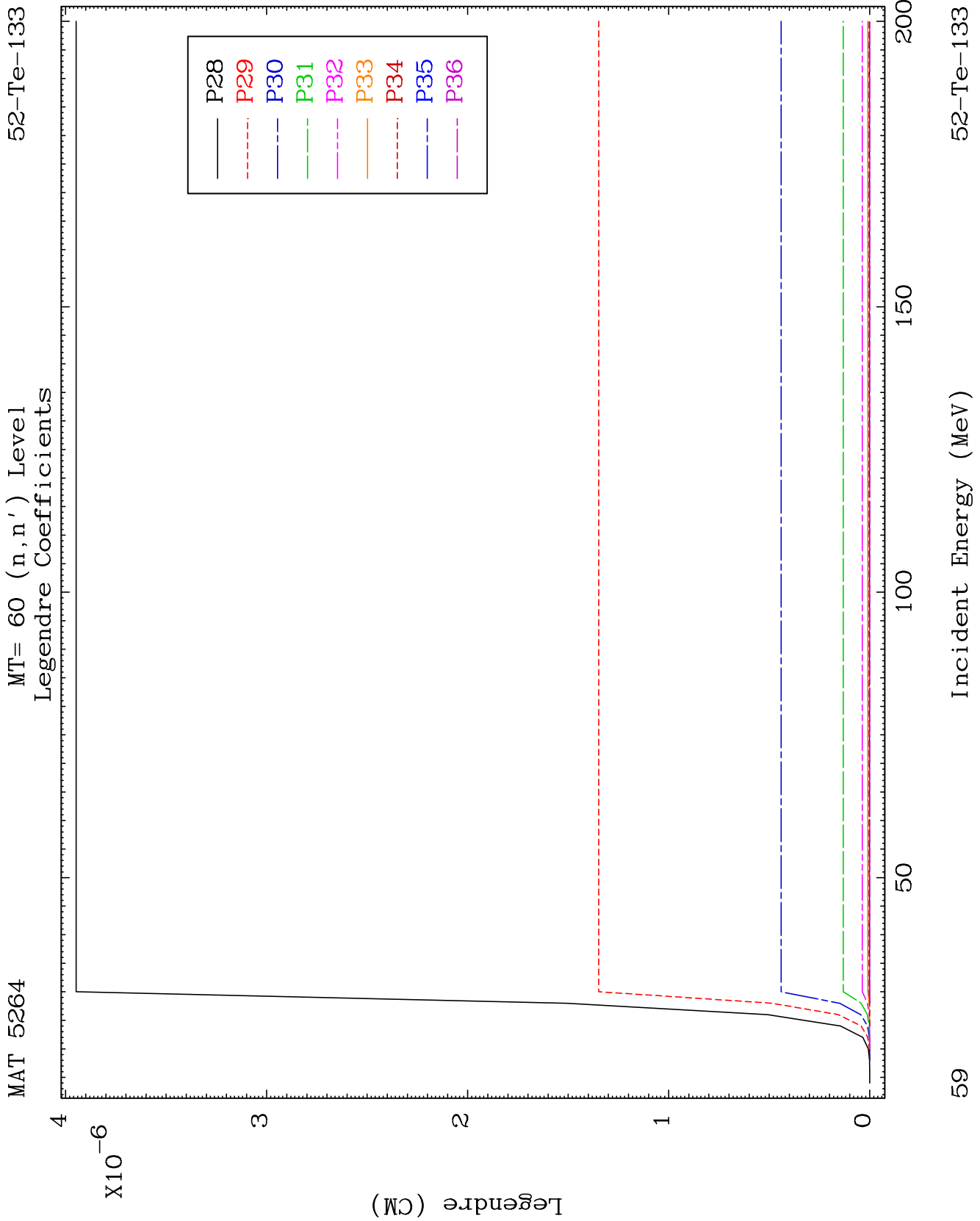
52-Te-133



58

Incident Energy (MeV)

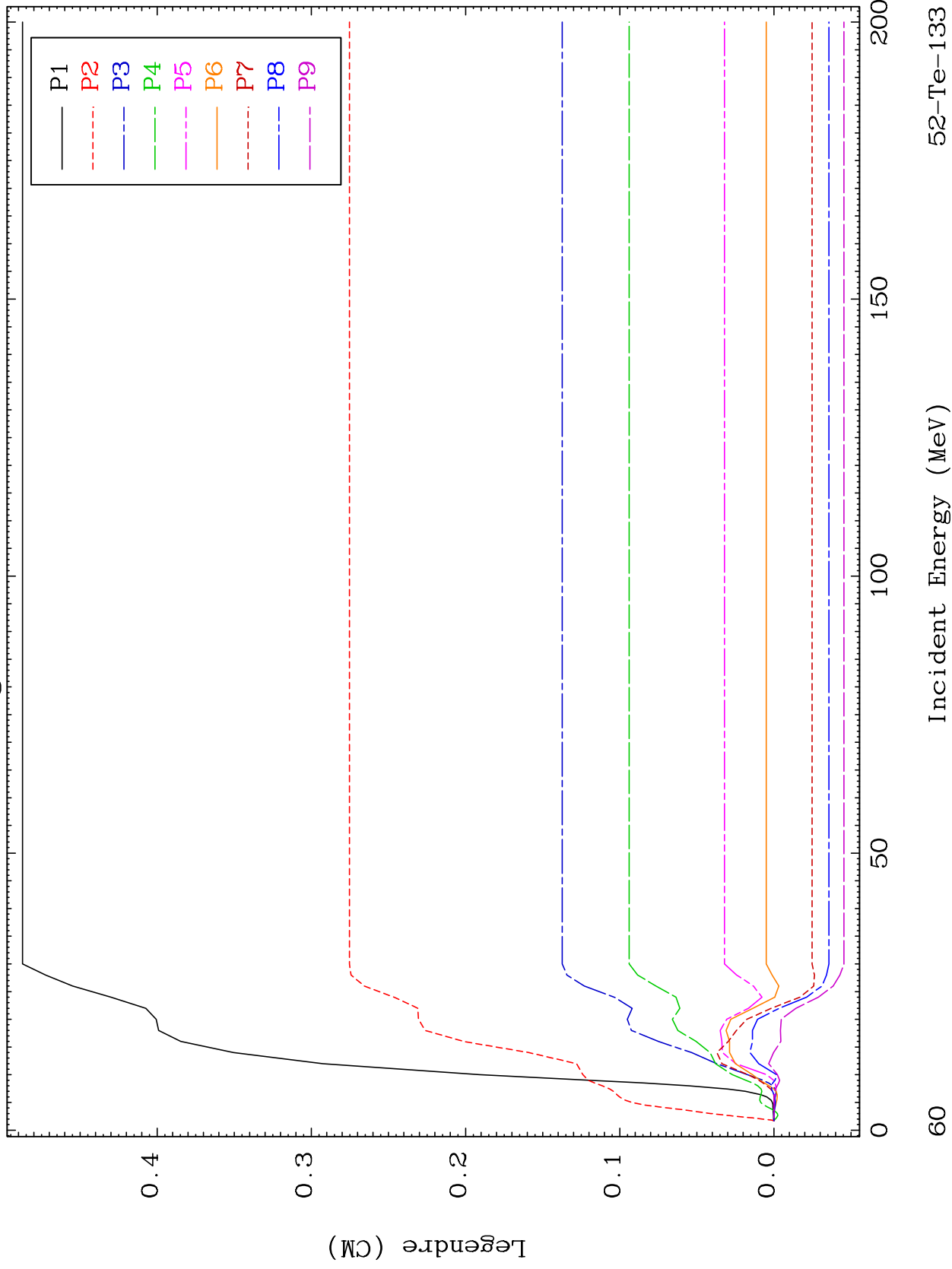
52-Te-133



MAT 5264

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

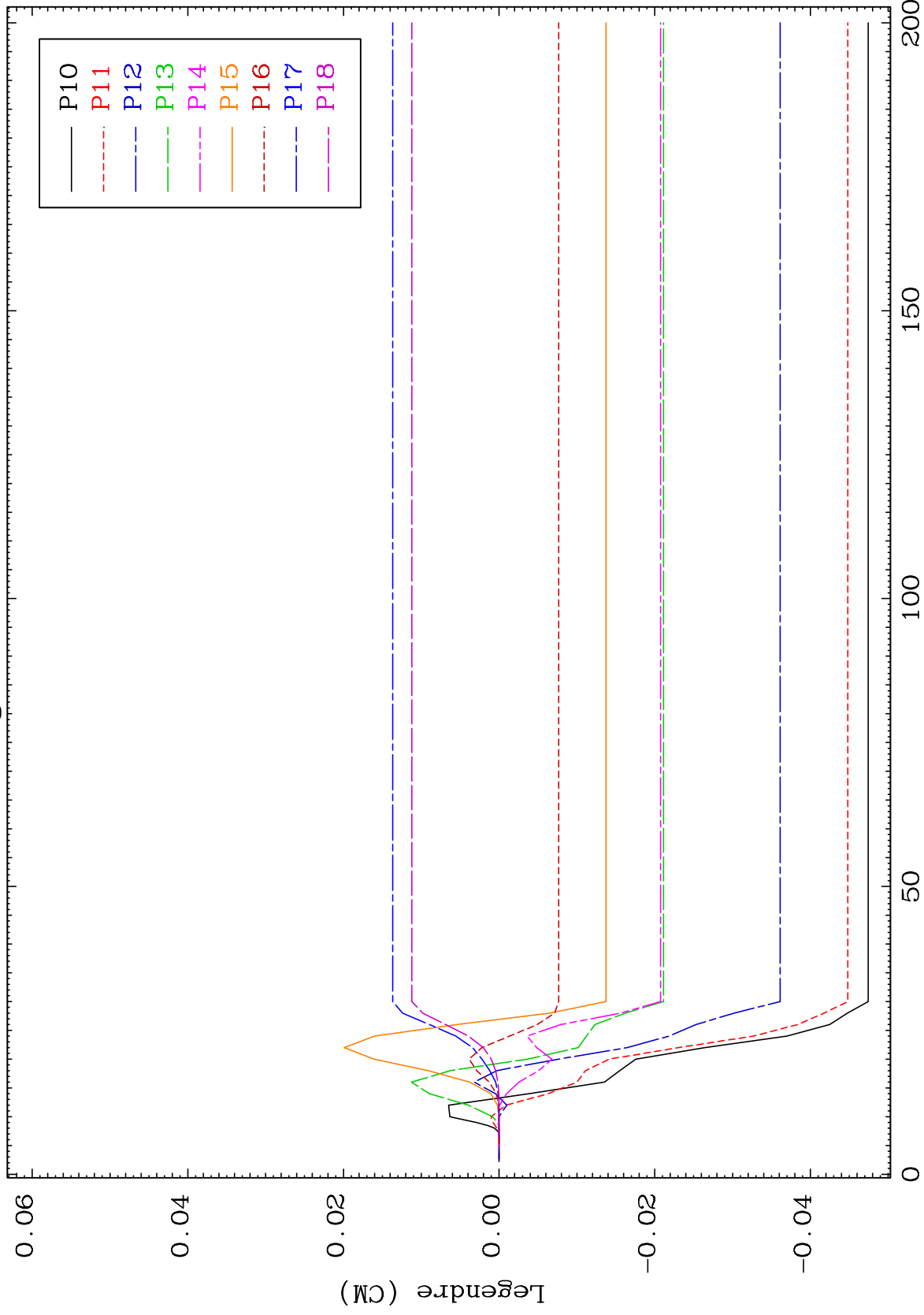
52-Te-133



MAT 5264

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

52-Te-133



61

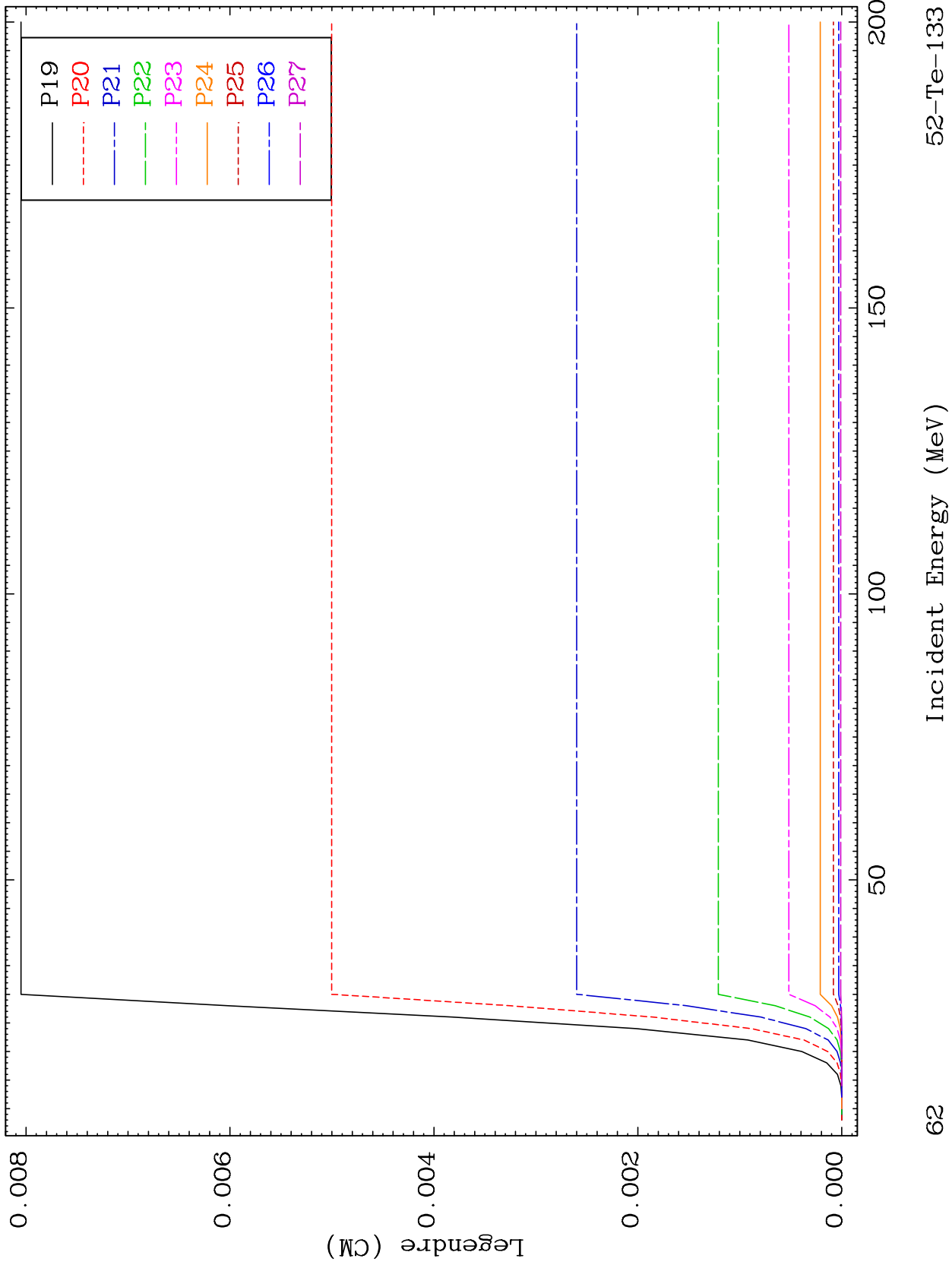
Incident Energy (MeV)

52-Te-133

MAT 5264

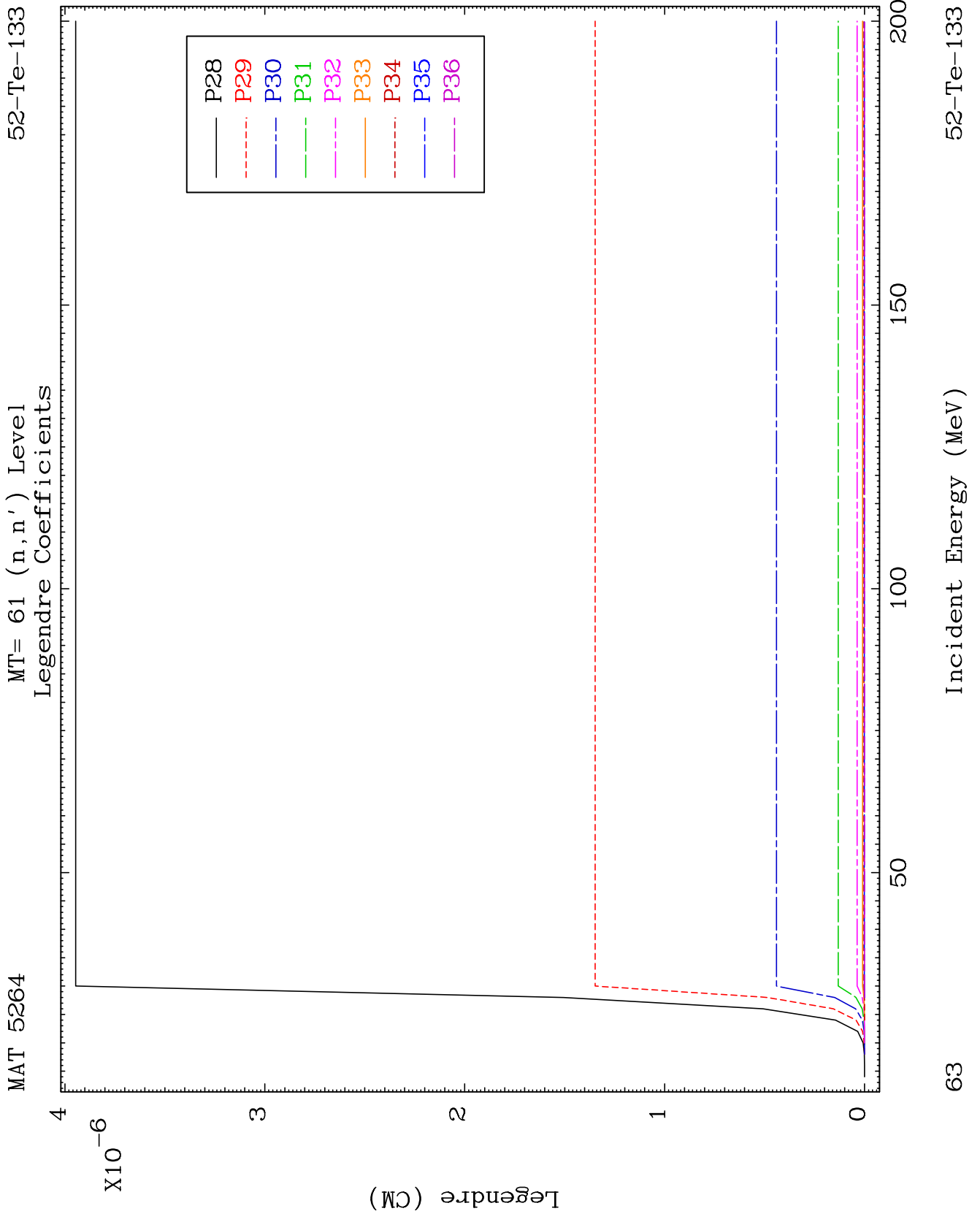
MT= 61 (n,n') Level  
Legendre Coefficients

52-Te-133



62

52-Te-133

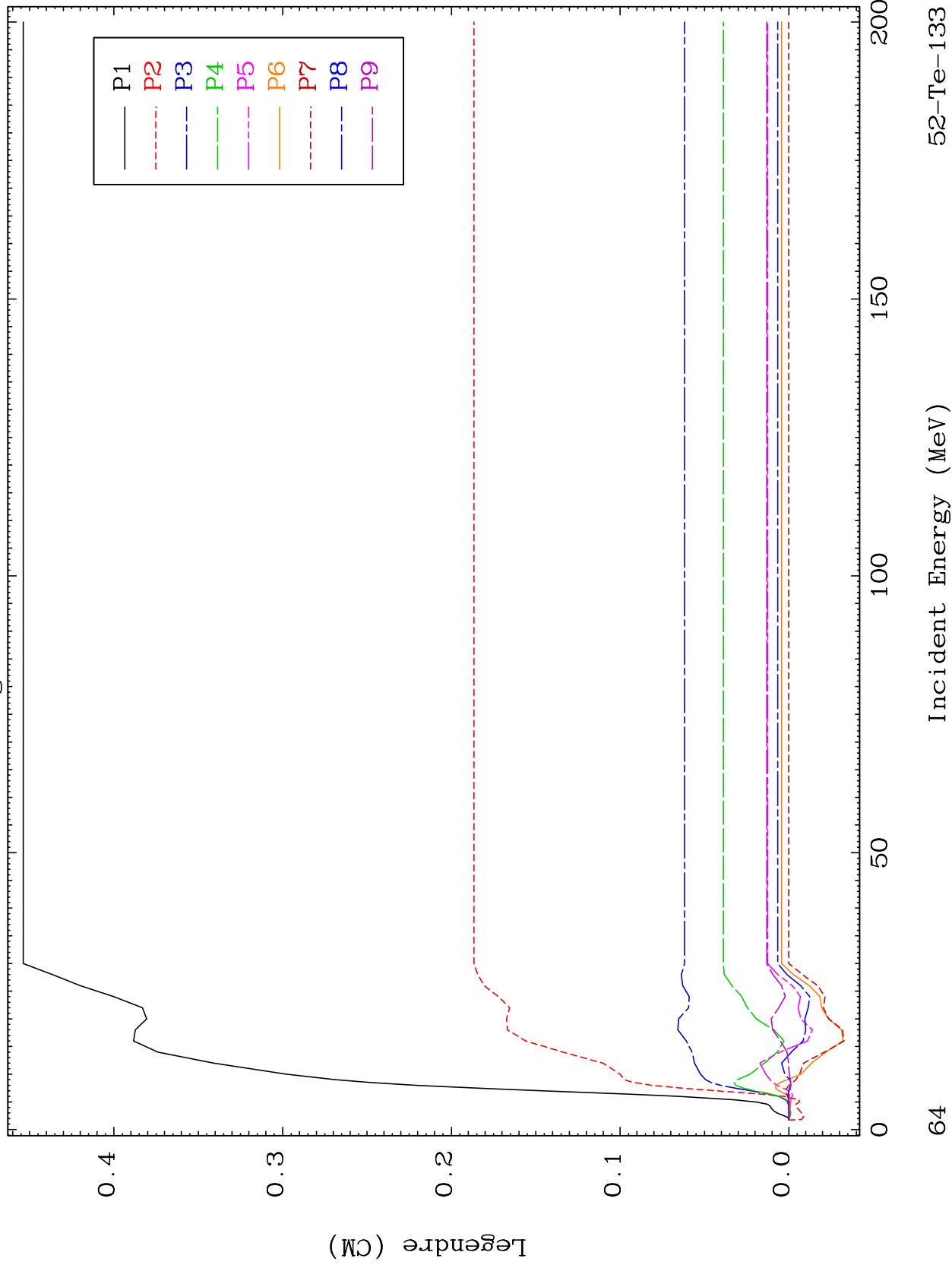




MAT 5264

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

52-Te-133



52-Te-133

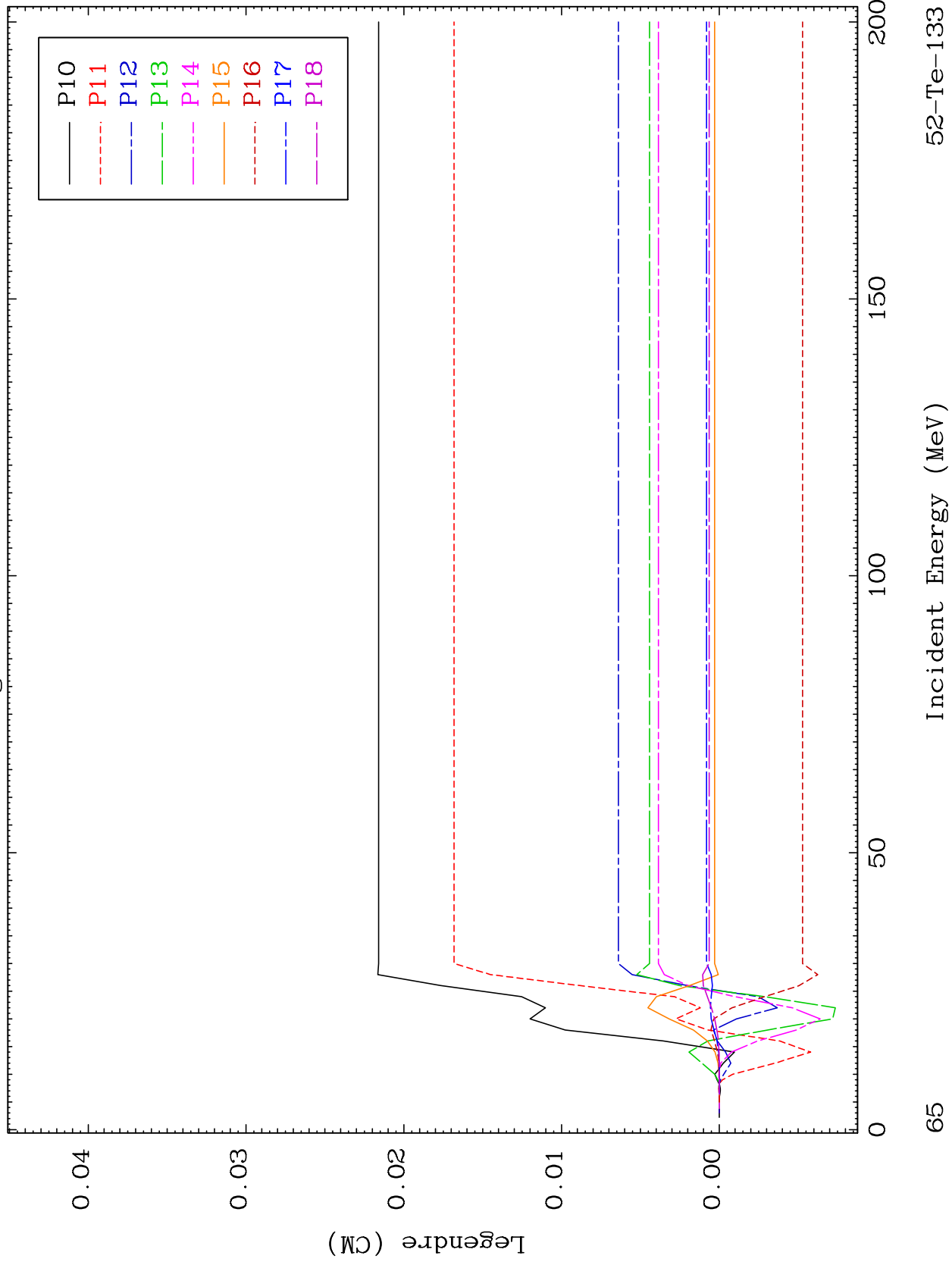
Incident Energy (MeV)

64

MAT 5264

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

52-Te-133



52-Te-133

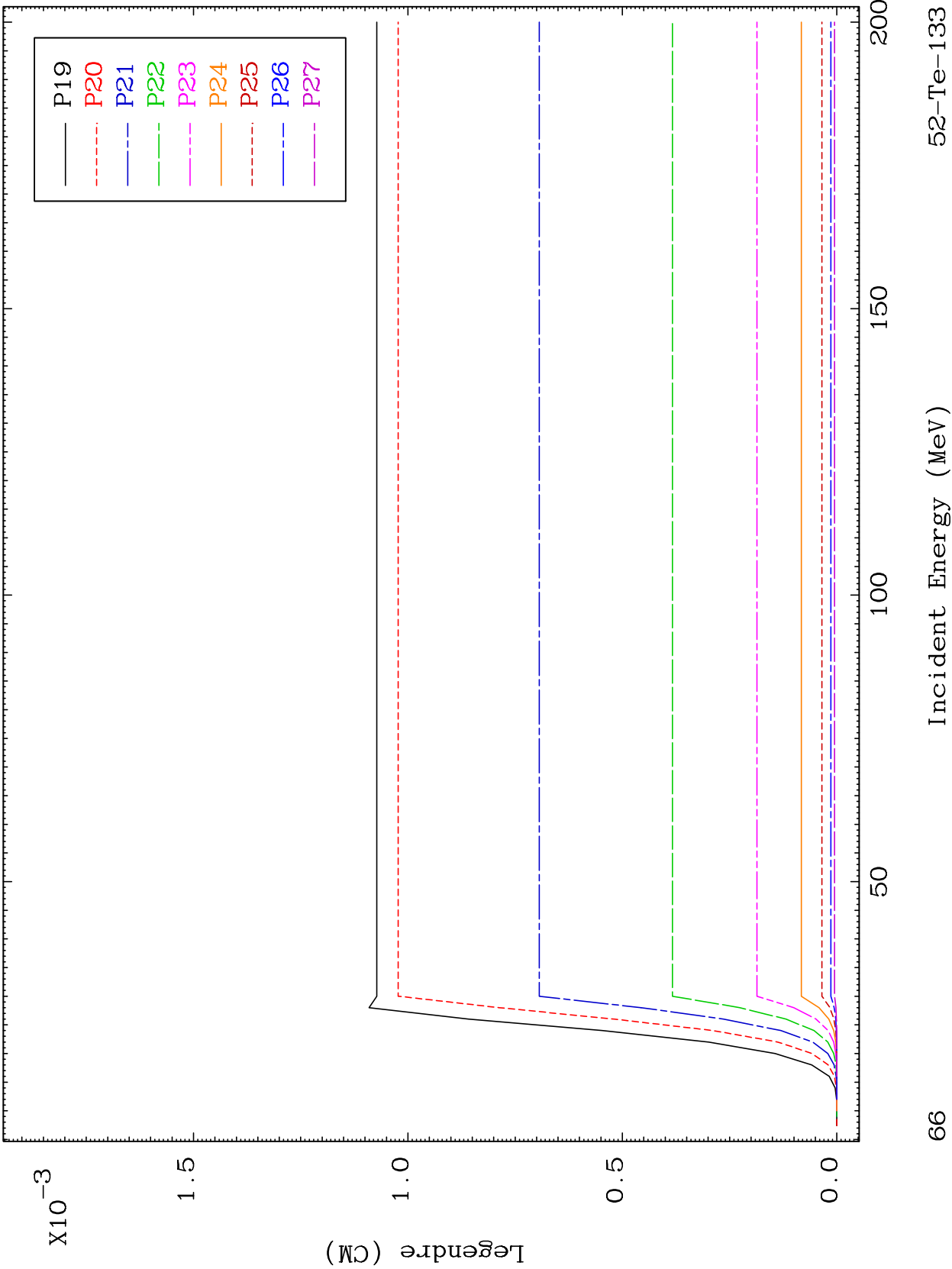
Incident Energy (MeV)

65

MAT 5264

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

52-Te-133



66

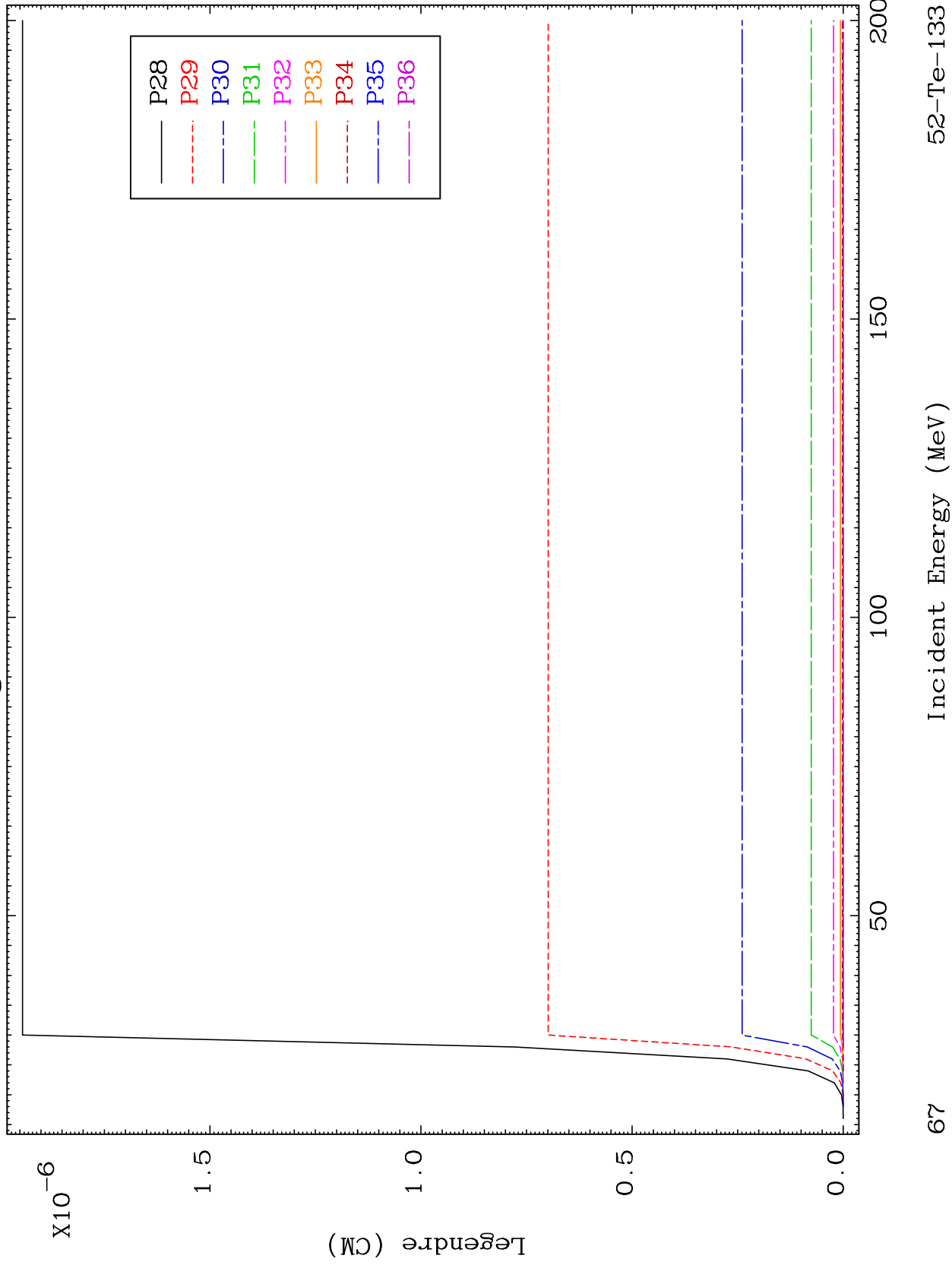
Incident Energy (MeV)

52-Te-133

MAT 5264

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

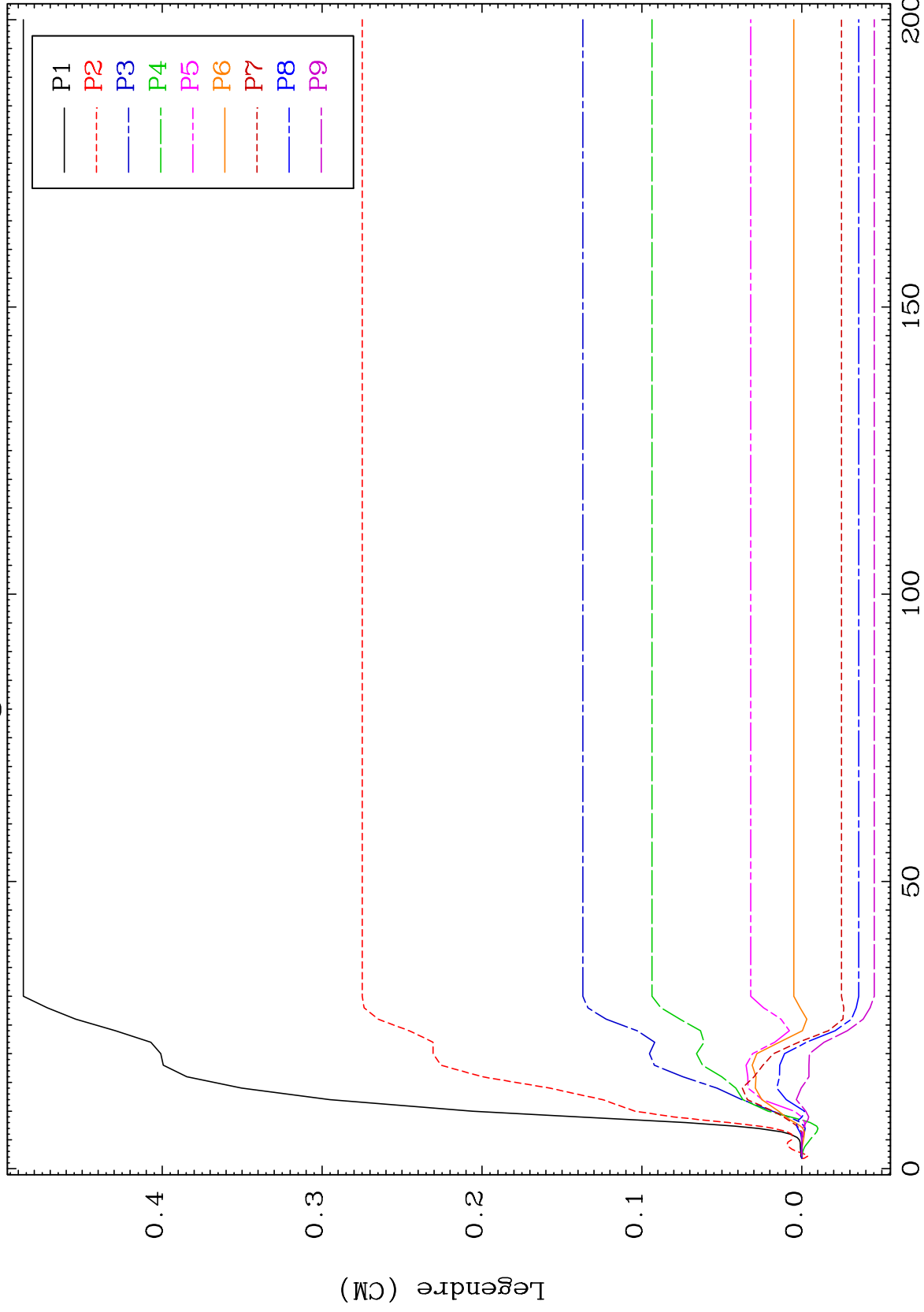
52-Te-133



MAT 5264

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

52-Te-133



68

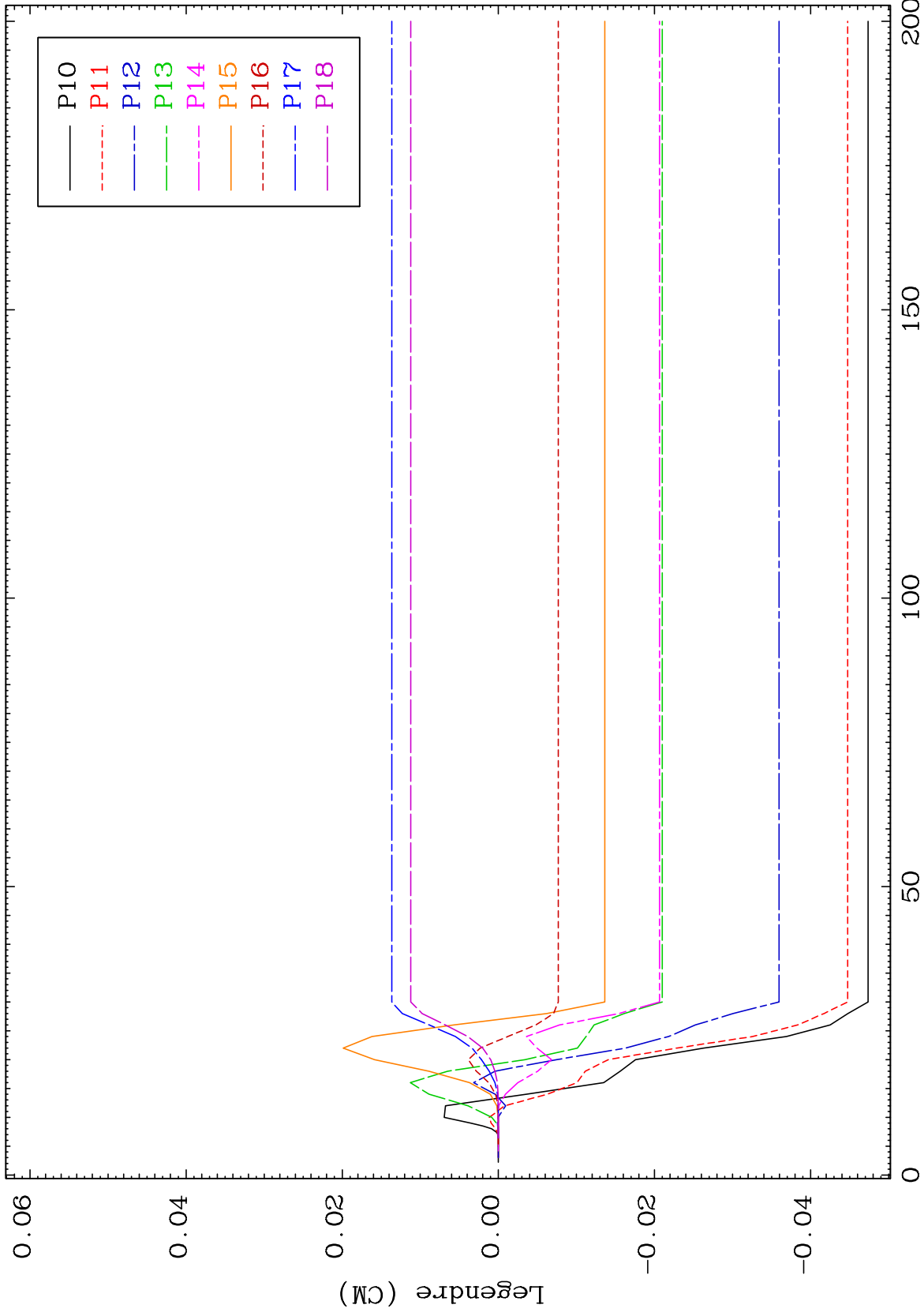
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



69

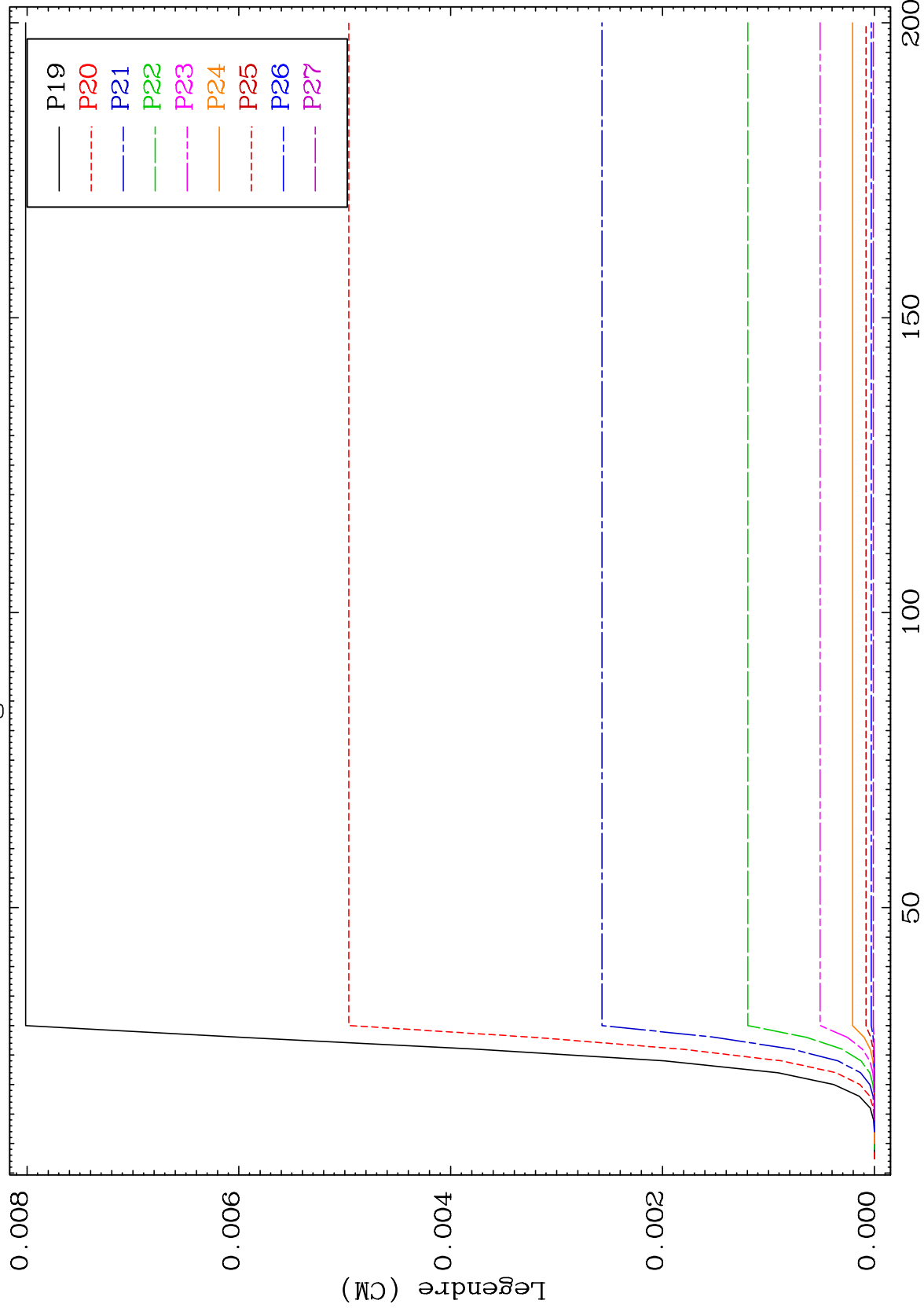
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



70

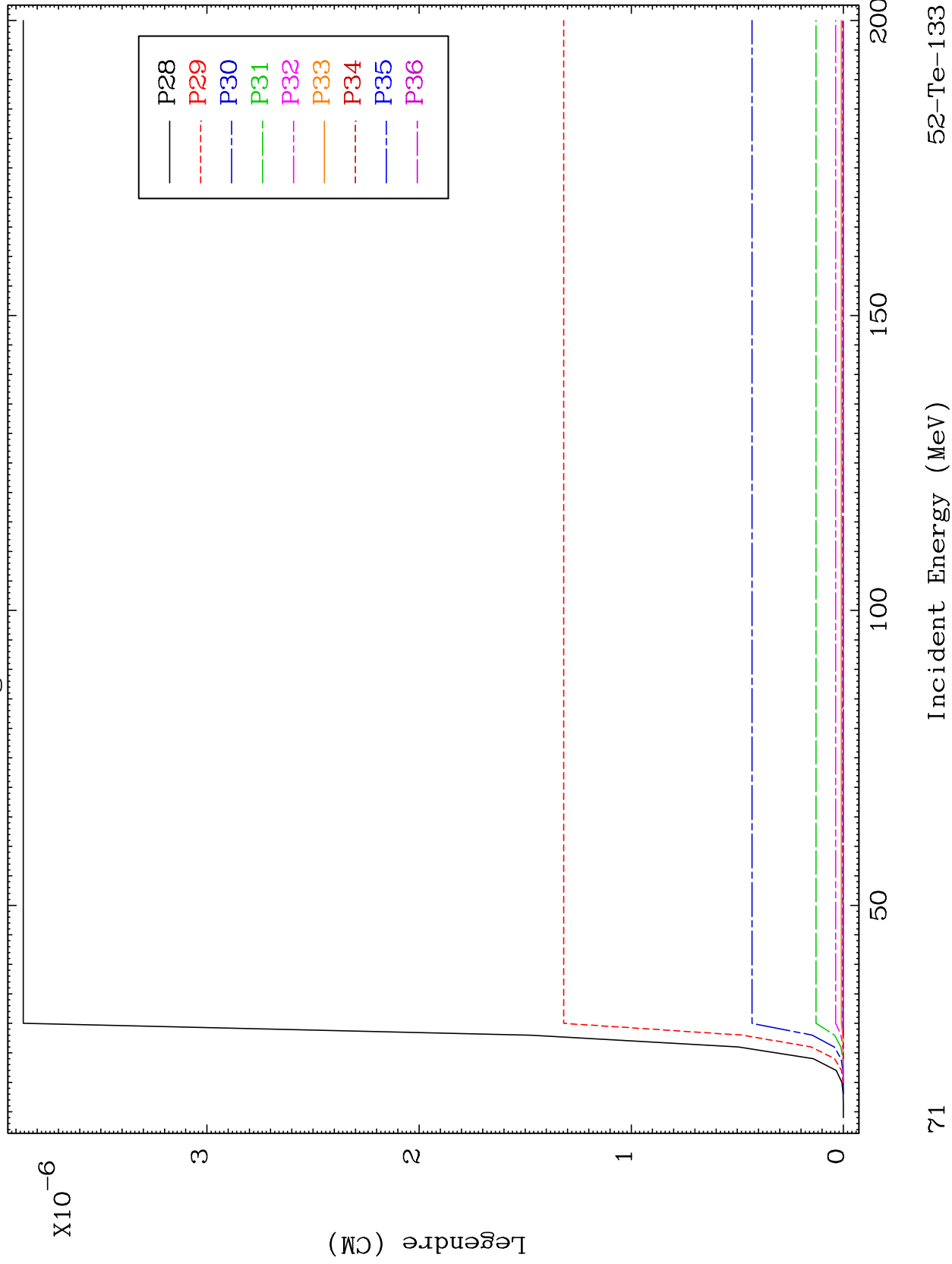
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133

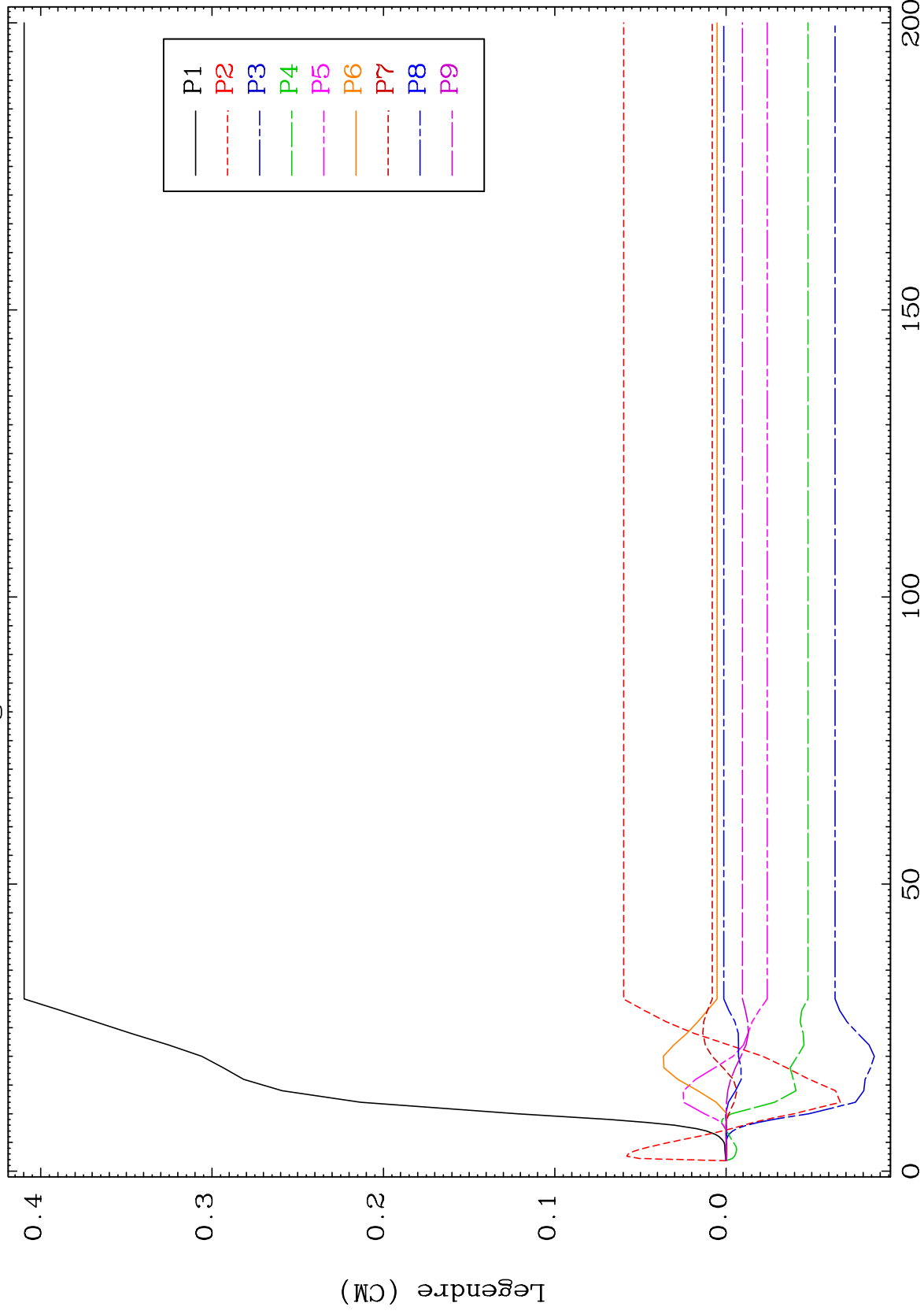




MAT 5264

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

52-Te-133



72

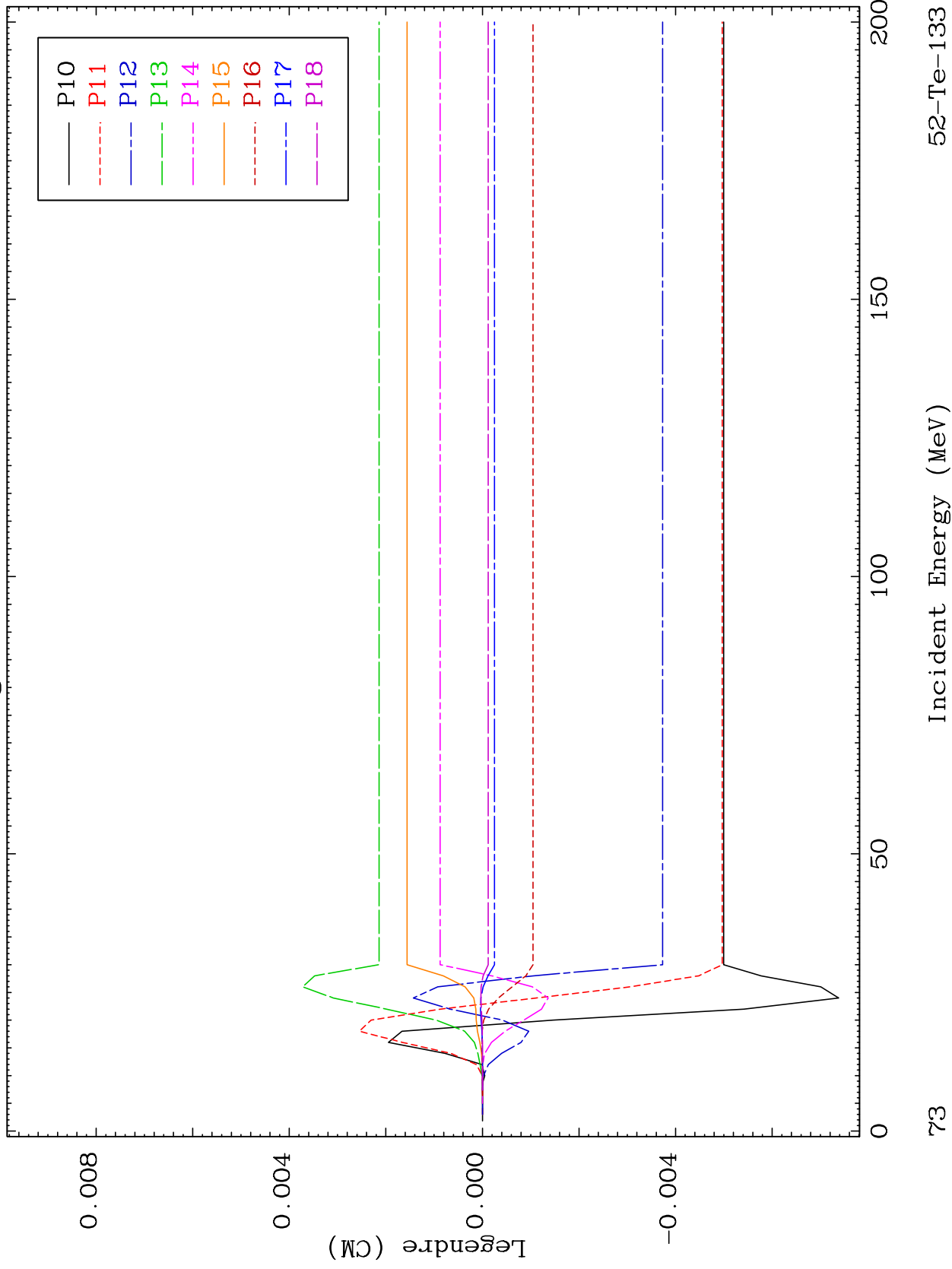
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



73

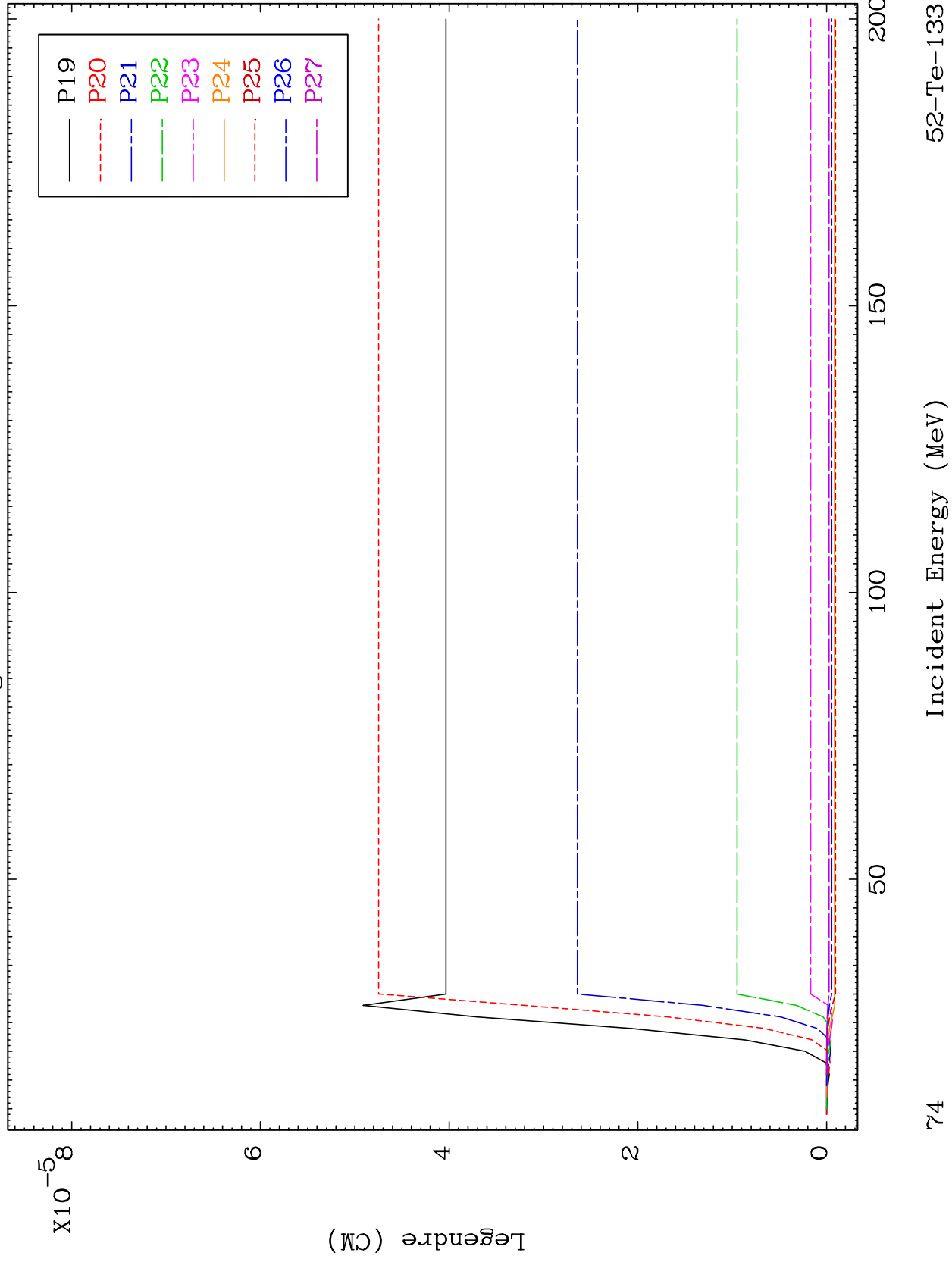
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133

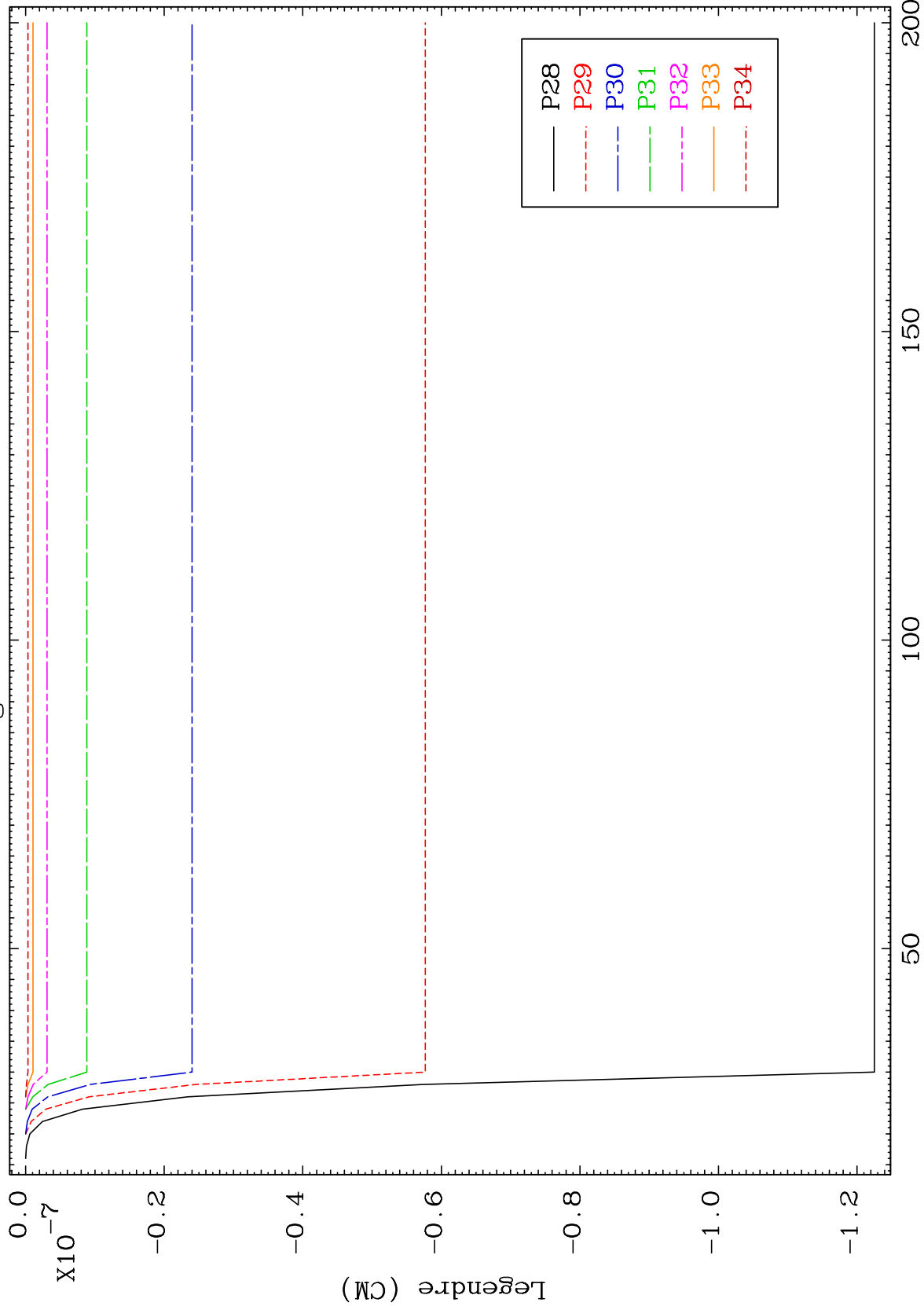


MAT 5264

MT= 64 (n,n') Level

52-Te-133

Legendre Coefficients



52-Te-133

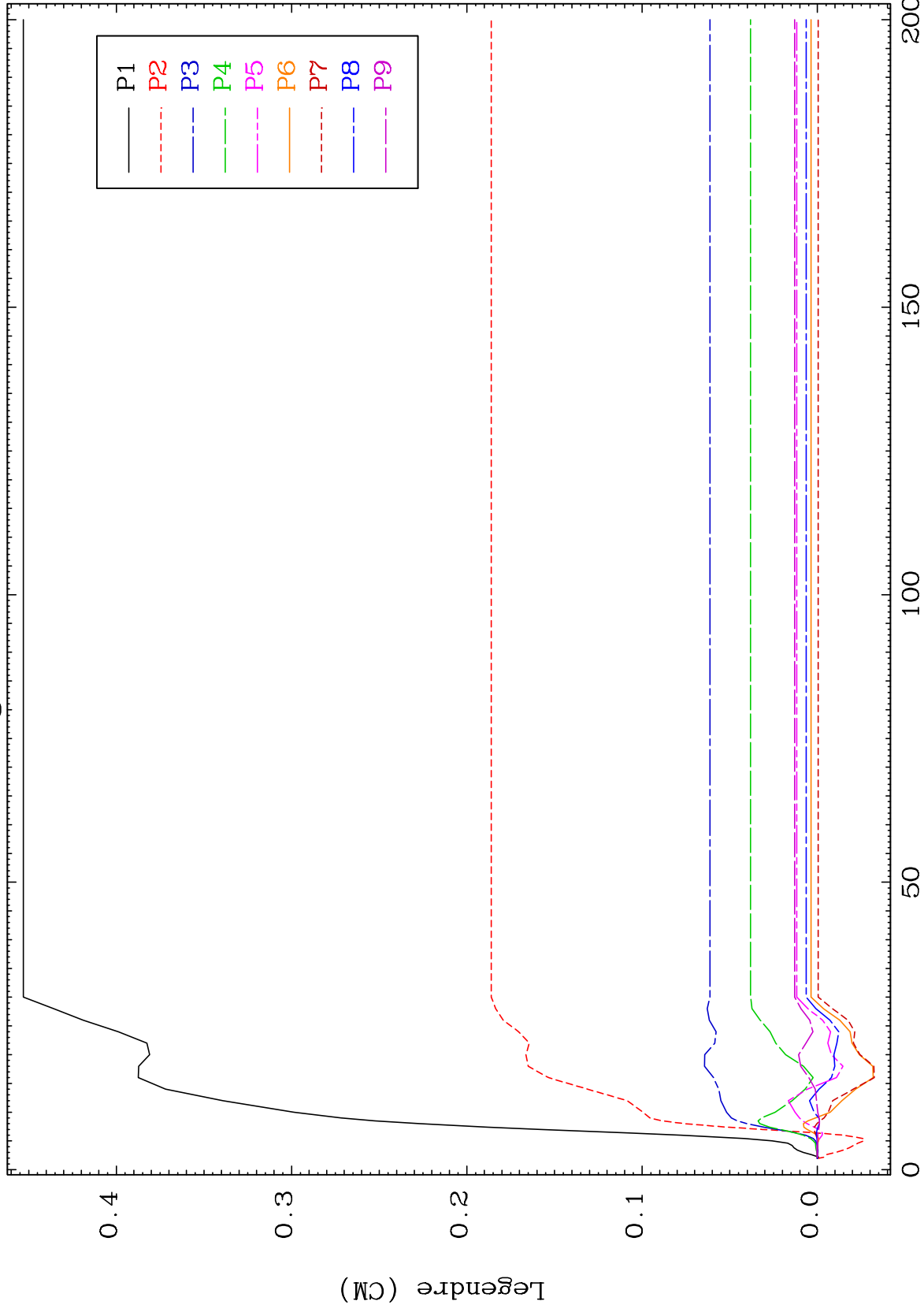
Incident Energy (MeV)

75

MAT 5264

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

52-Te-133



52-Te-133

Incident Energy (MeV)

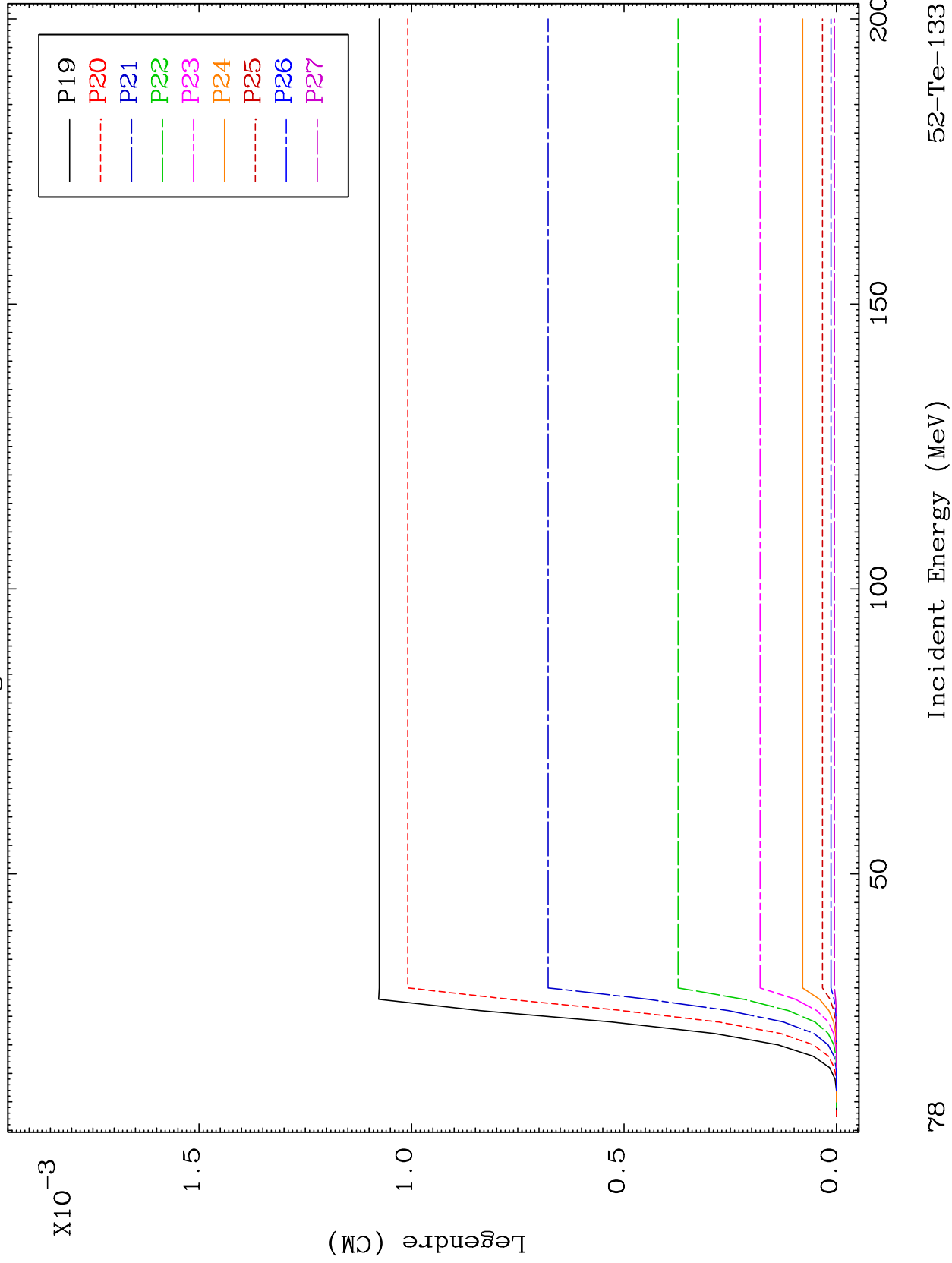
76



MAT 5264

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

52-Te-133



78

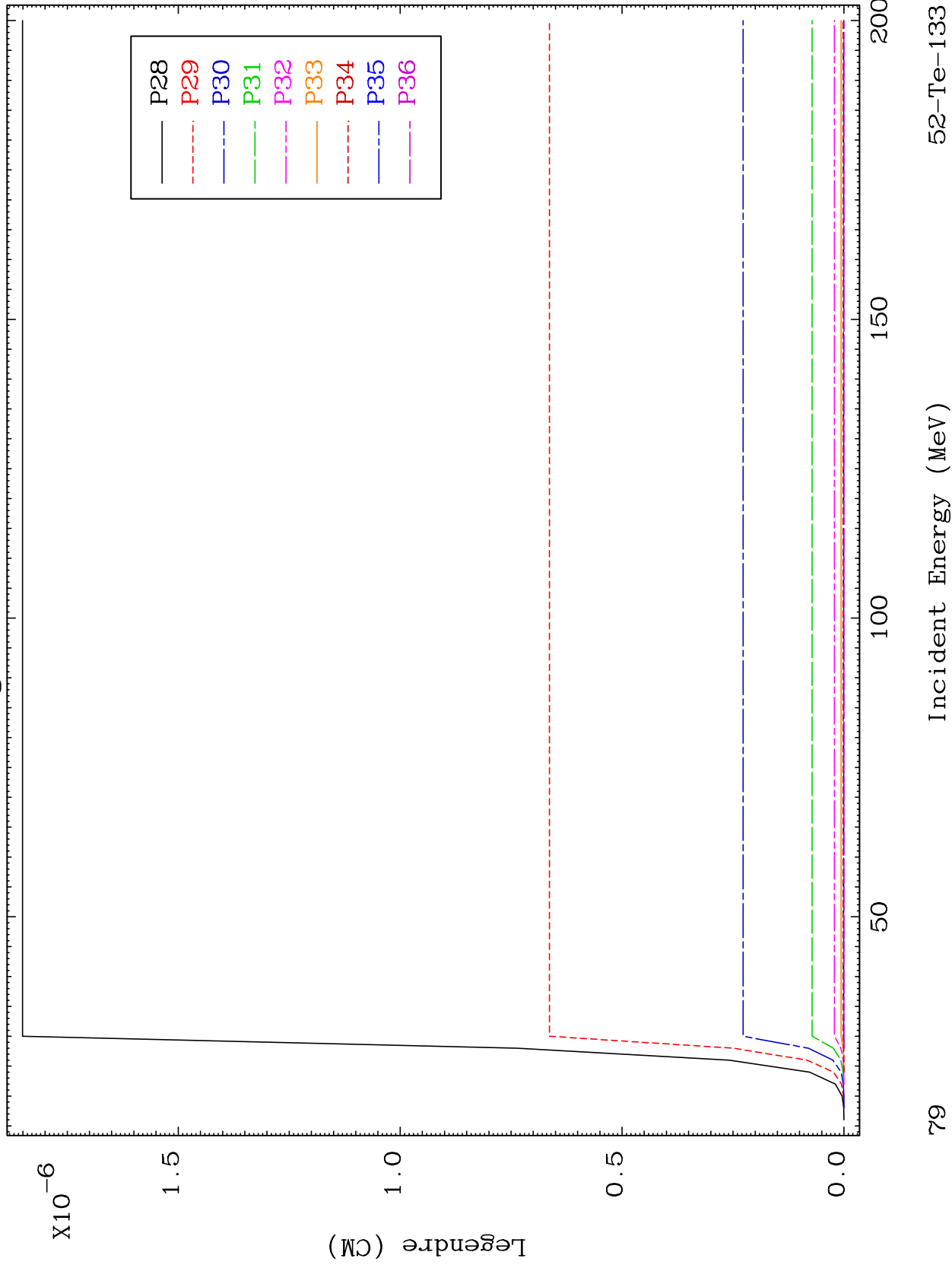
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133

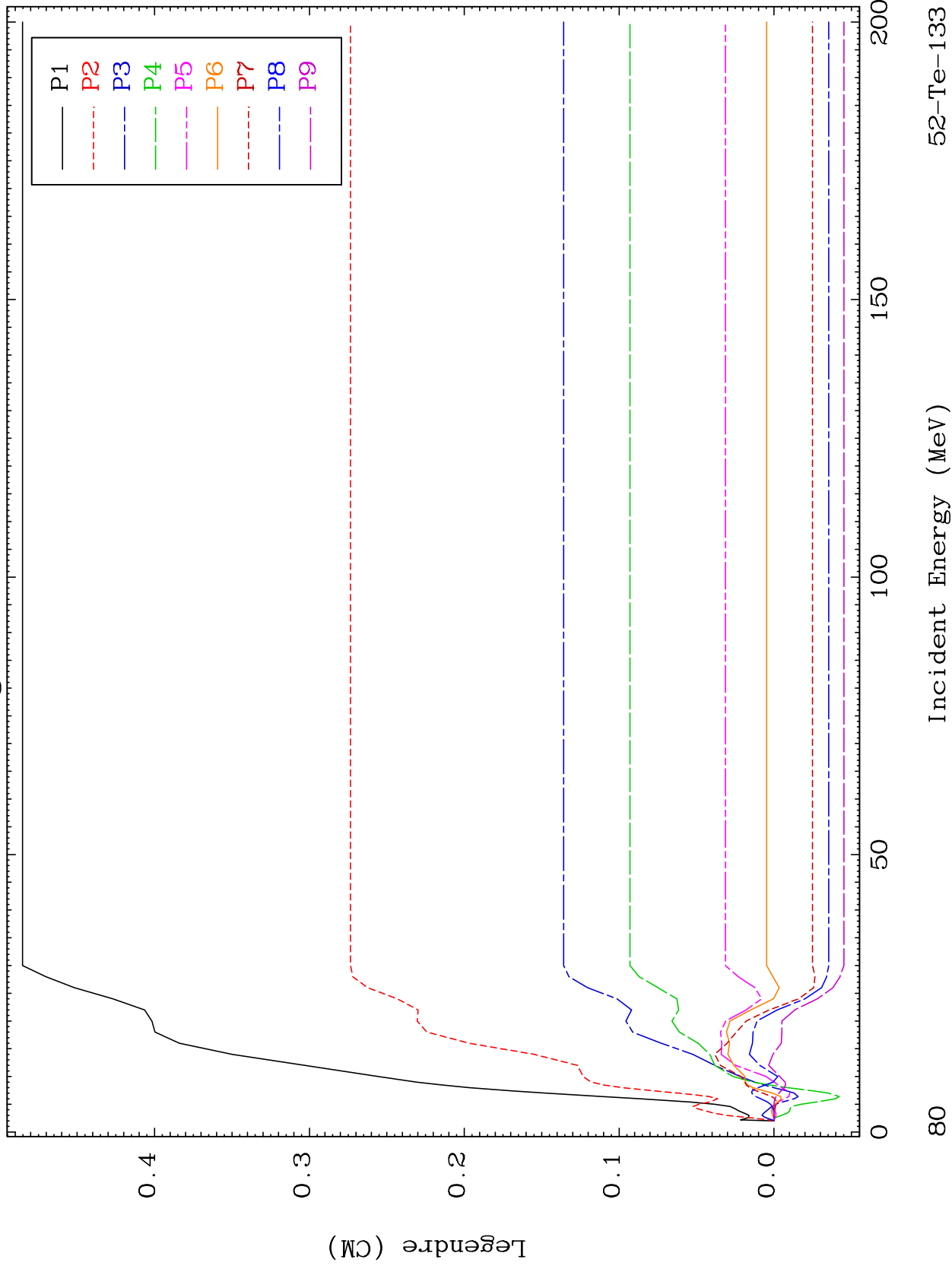




MAT 5264

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

52-Te-133



52-Te-133

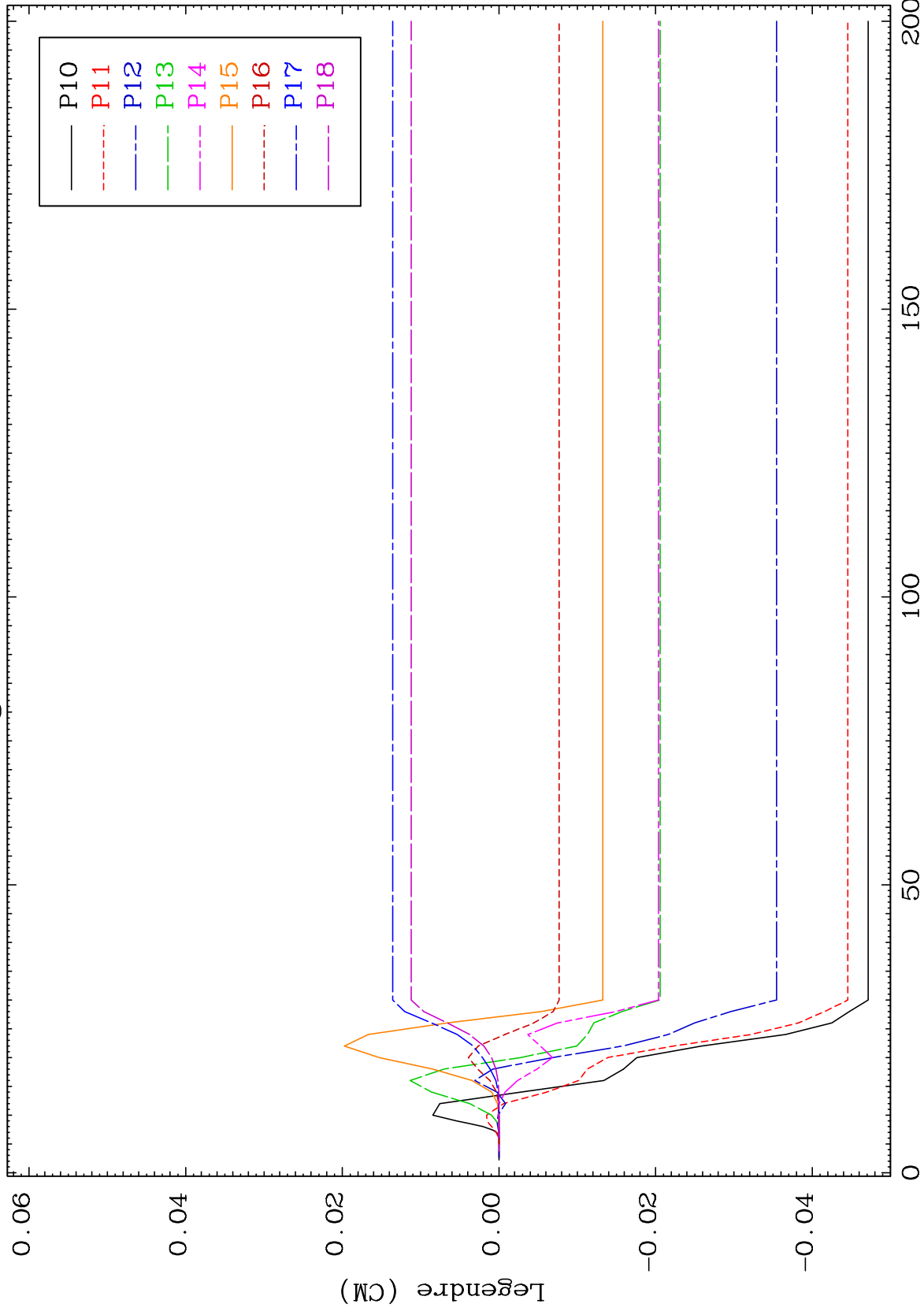
Incident Energy (MeV)

80

MAT 5264

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

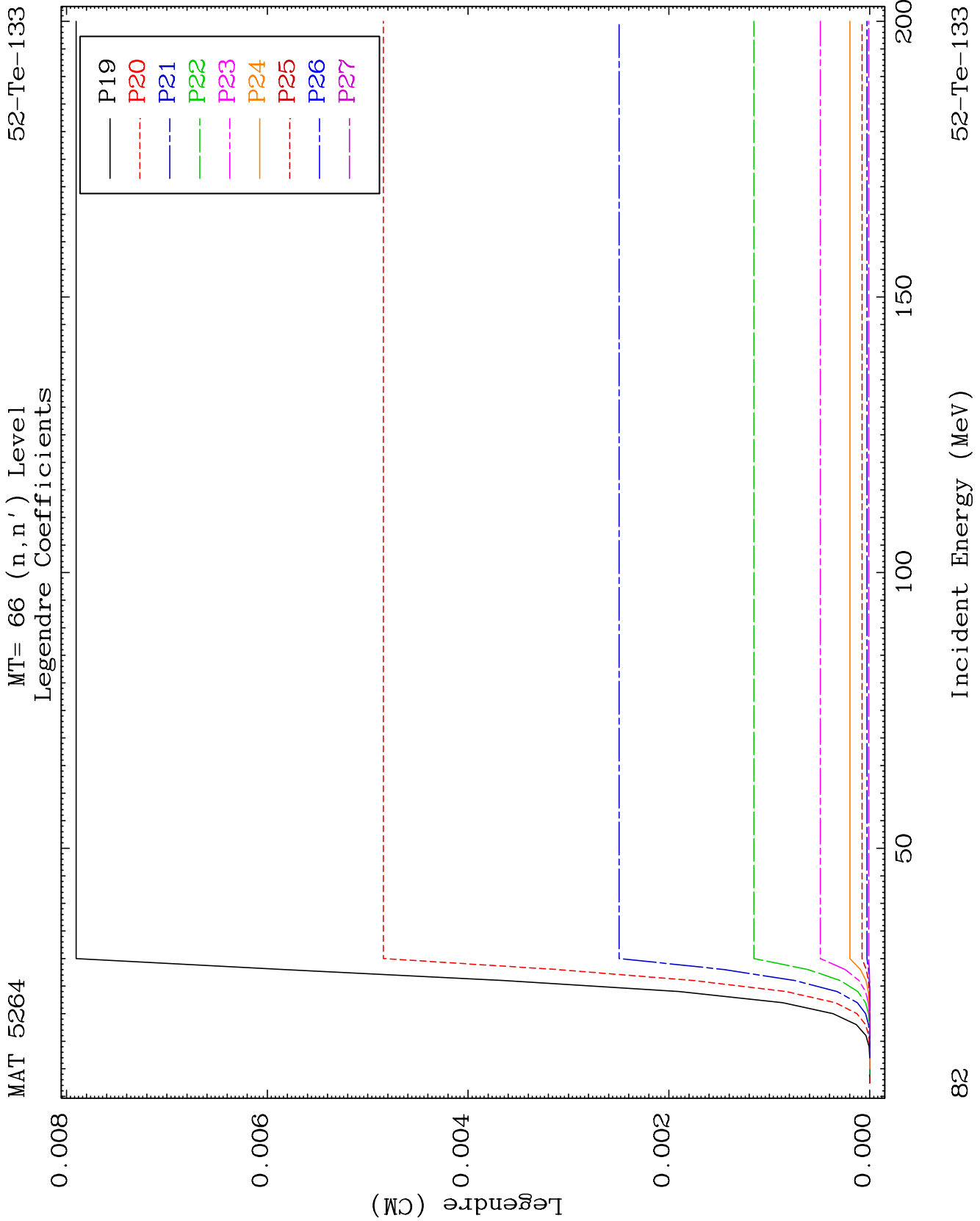
52-Te-133



81

Incident Energy (MeV)

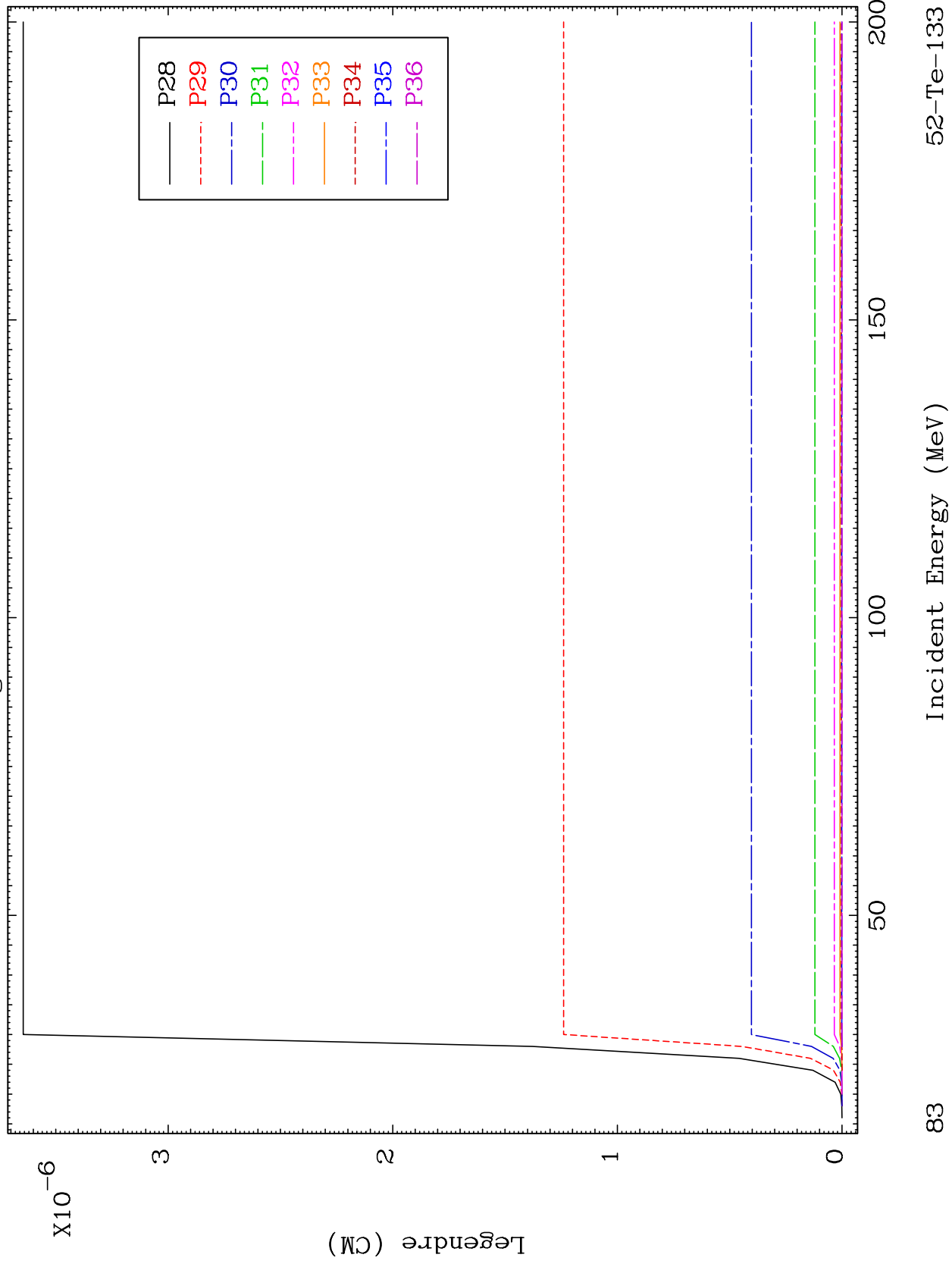
52-Te-133



MAT 5264

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

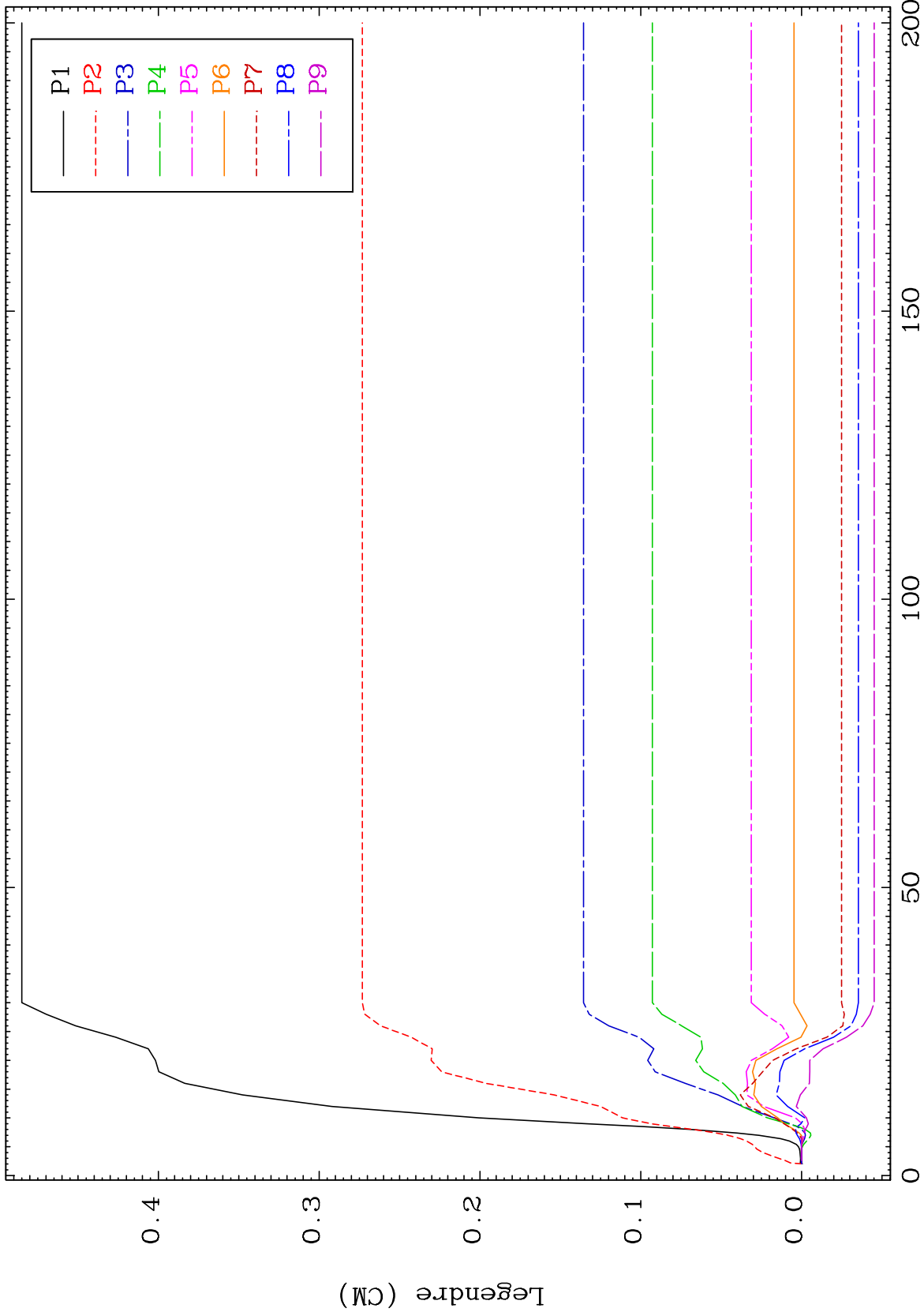
52-Te-133



MAT 5264

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

52-Te-133



84

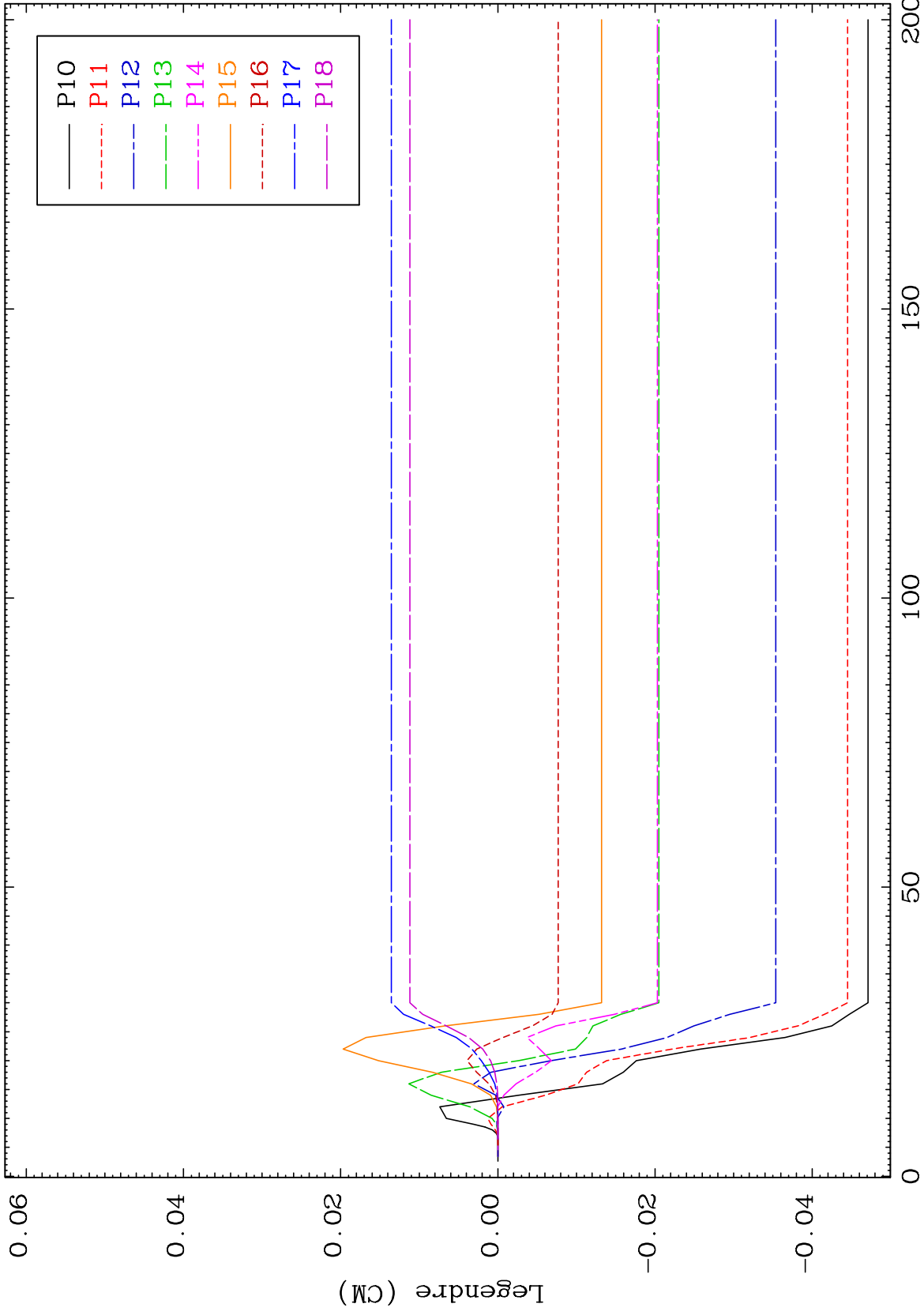
Incident Energy (MeV)

52-Te-133

MAT 5264

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

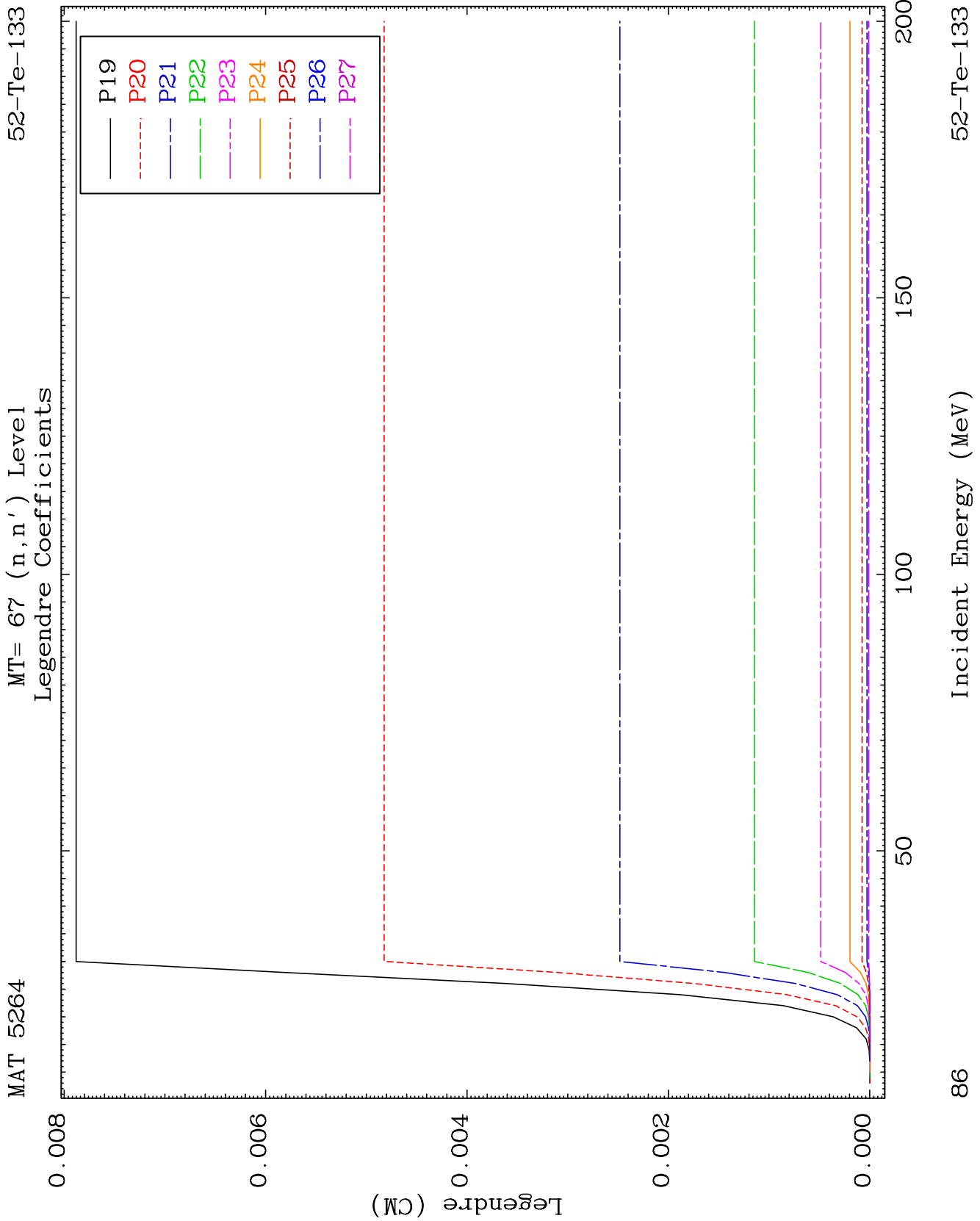
52-Te-133



85

Incident Energy (MeV)

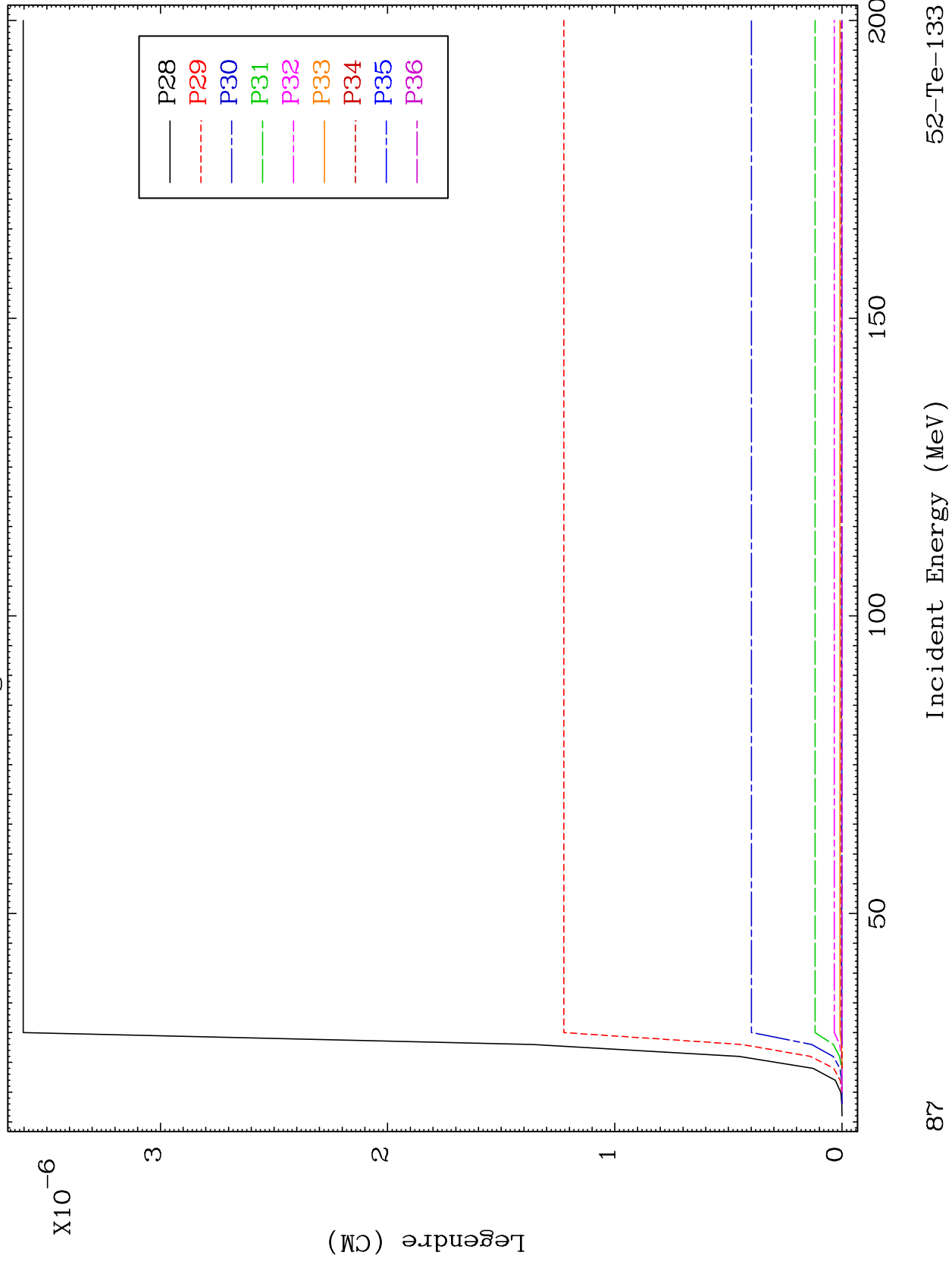
52-Te-133



MAT 5264

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

52-Te-133

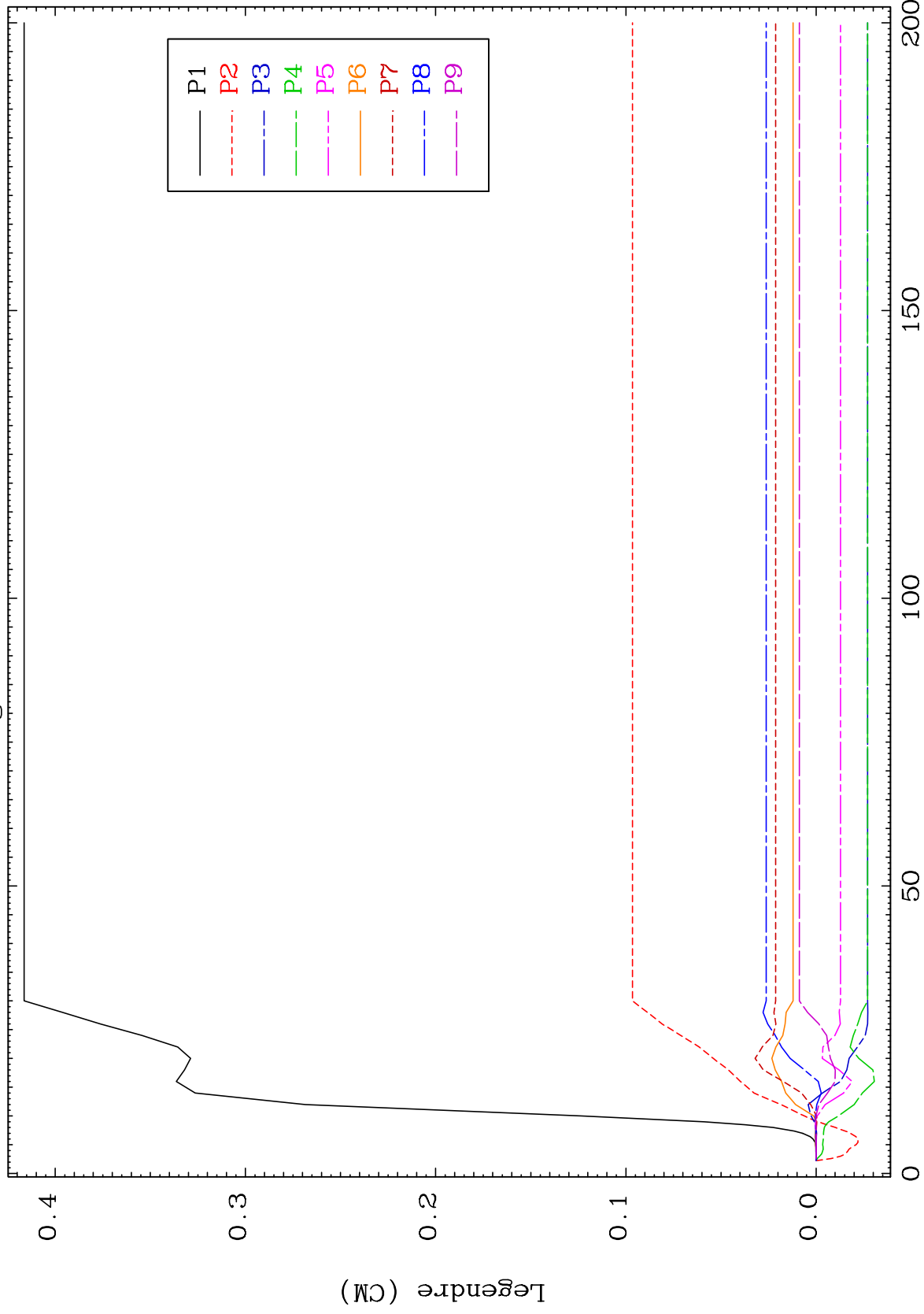




MAT 5264

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

52-Te-133



88

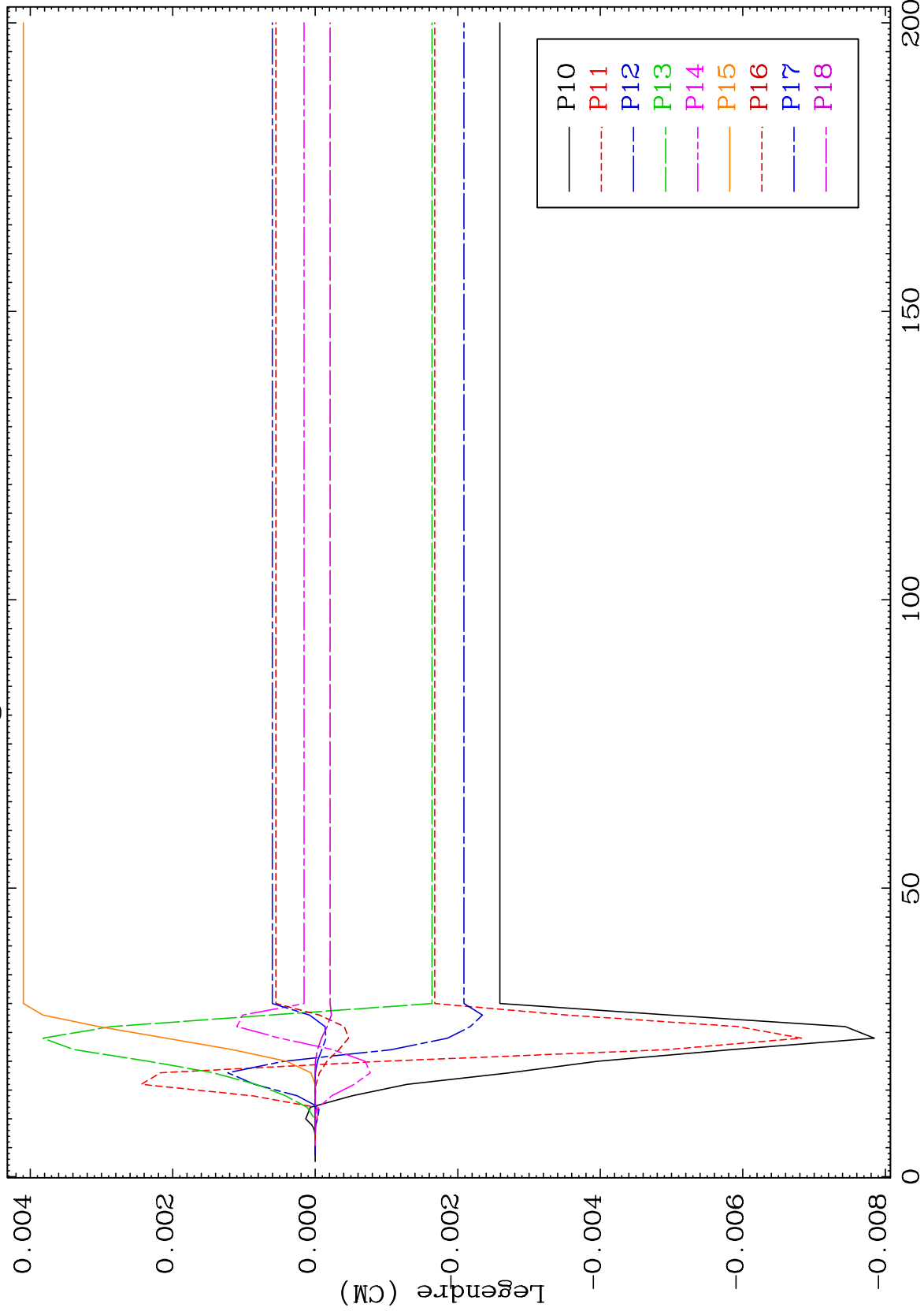
Incident Energy (MeV)

52-Te-133

MAT 5264

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

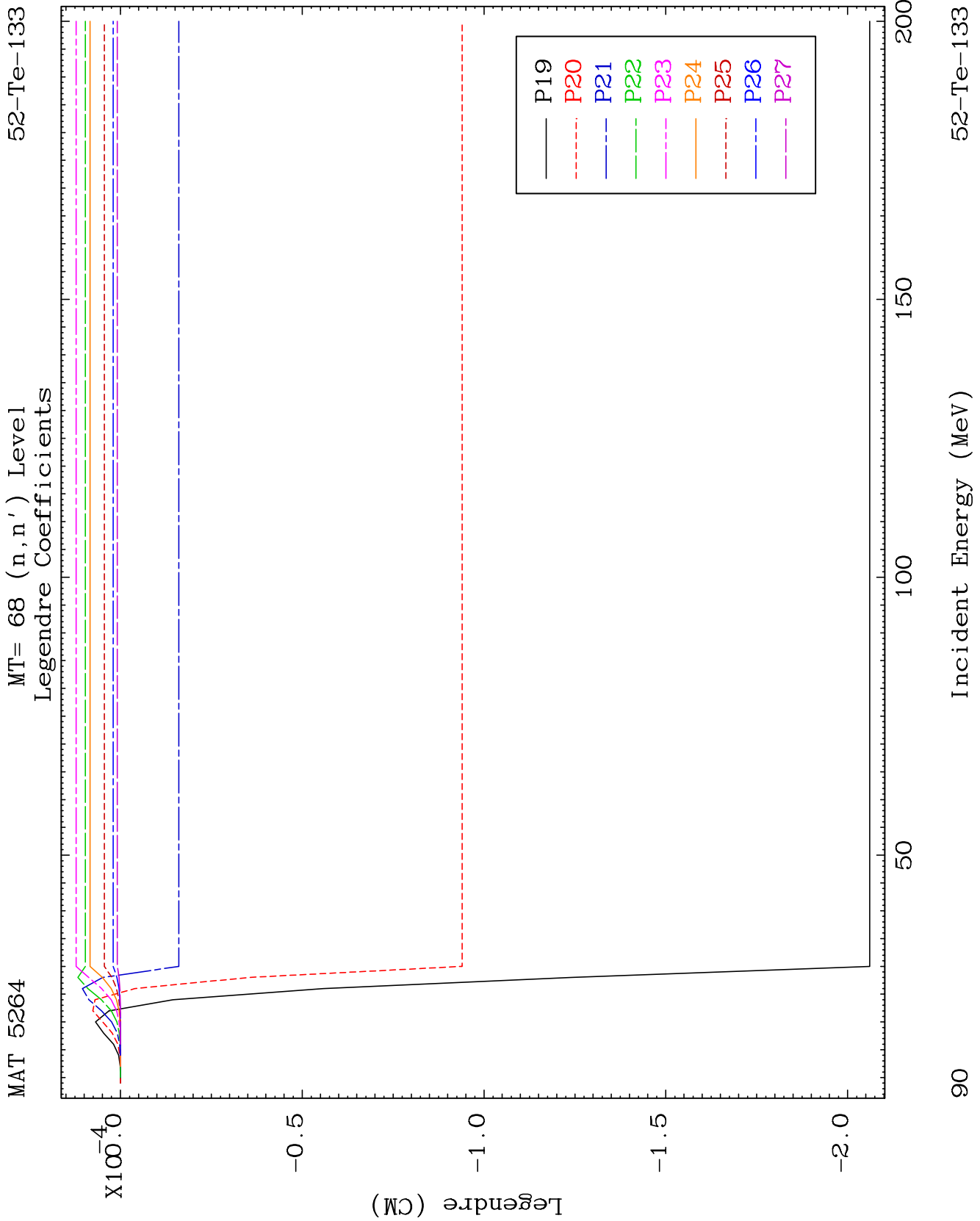
52-Te-133



89

Incident Energy (MeV)

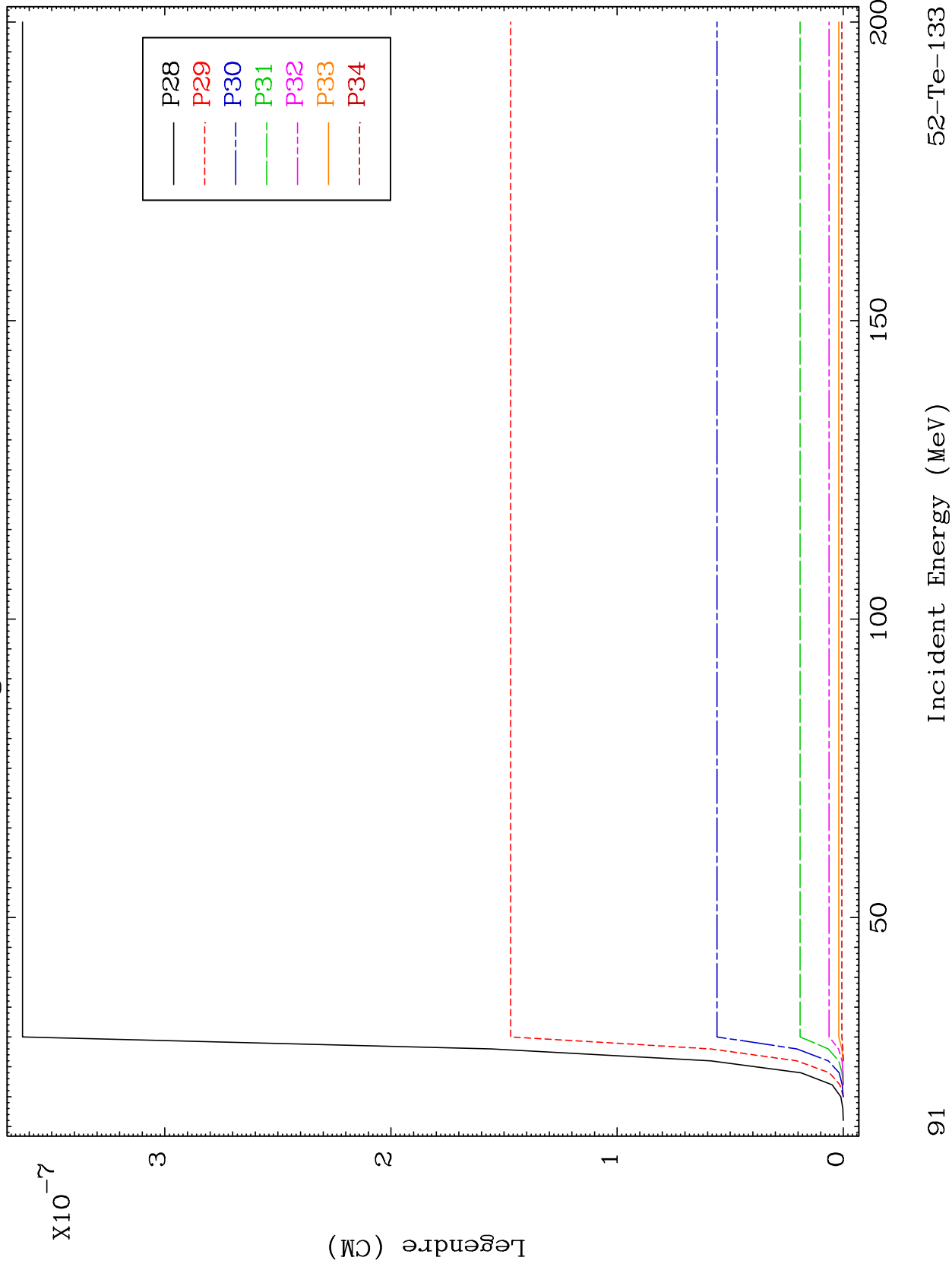
52-Te-133



MAT 5264

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

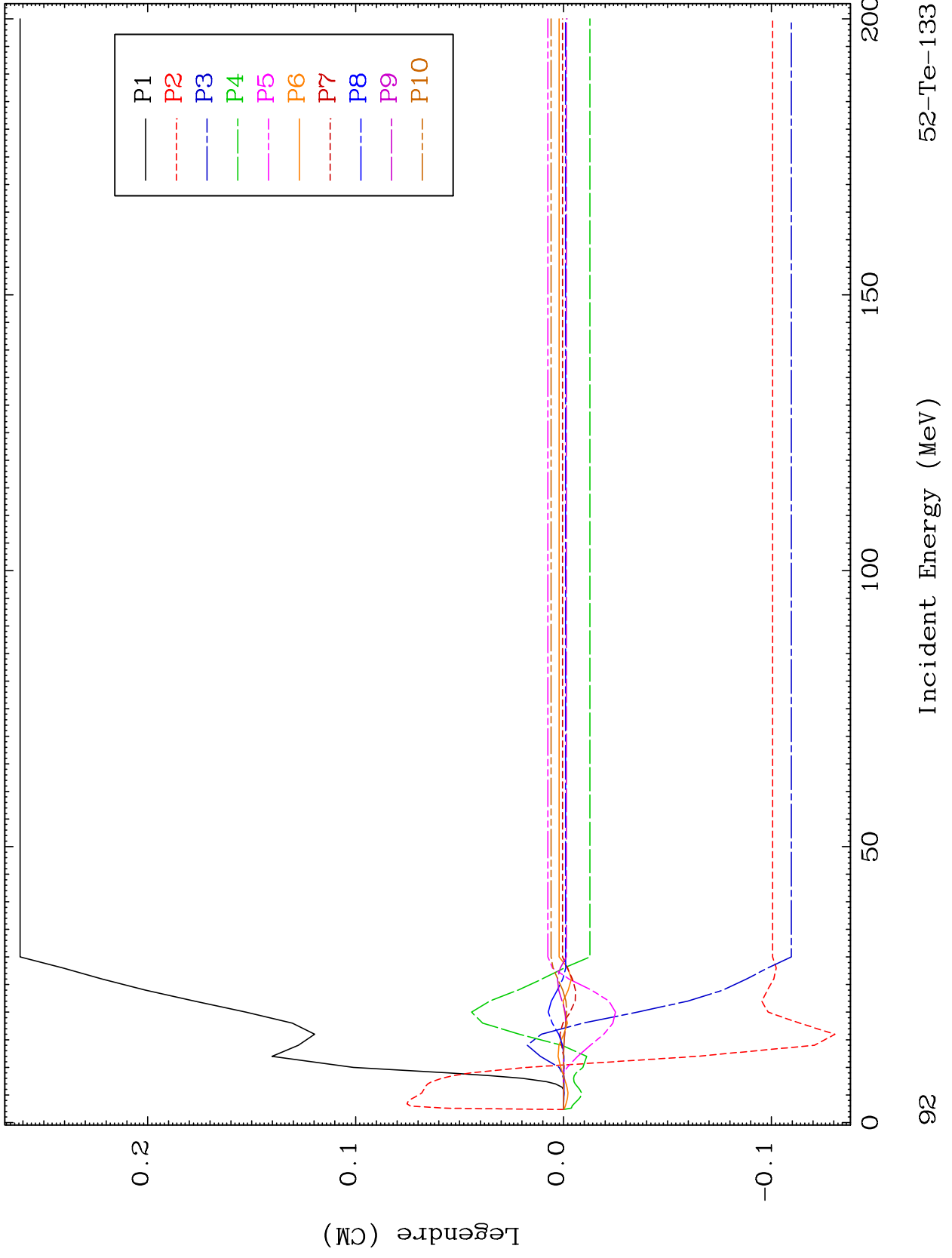
52-Te-133



MAT 5264

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

52-Te-133



52-Te-133

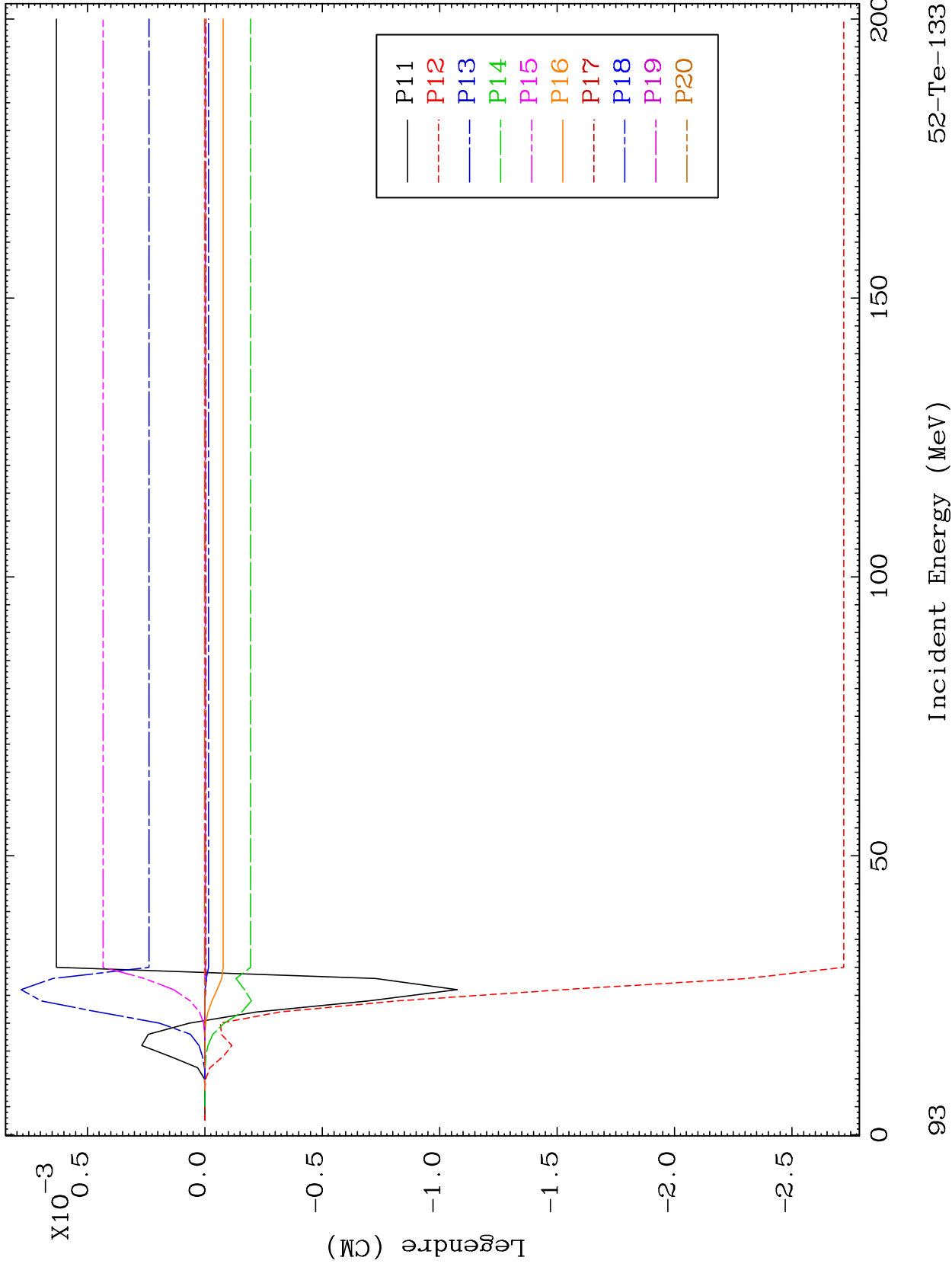
Incident Energy (MeV)

92

MAT 5264

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

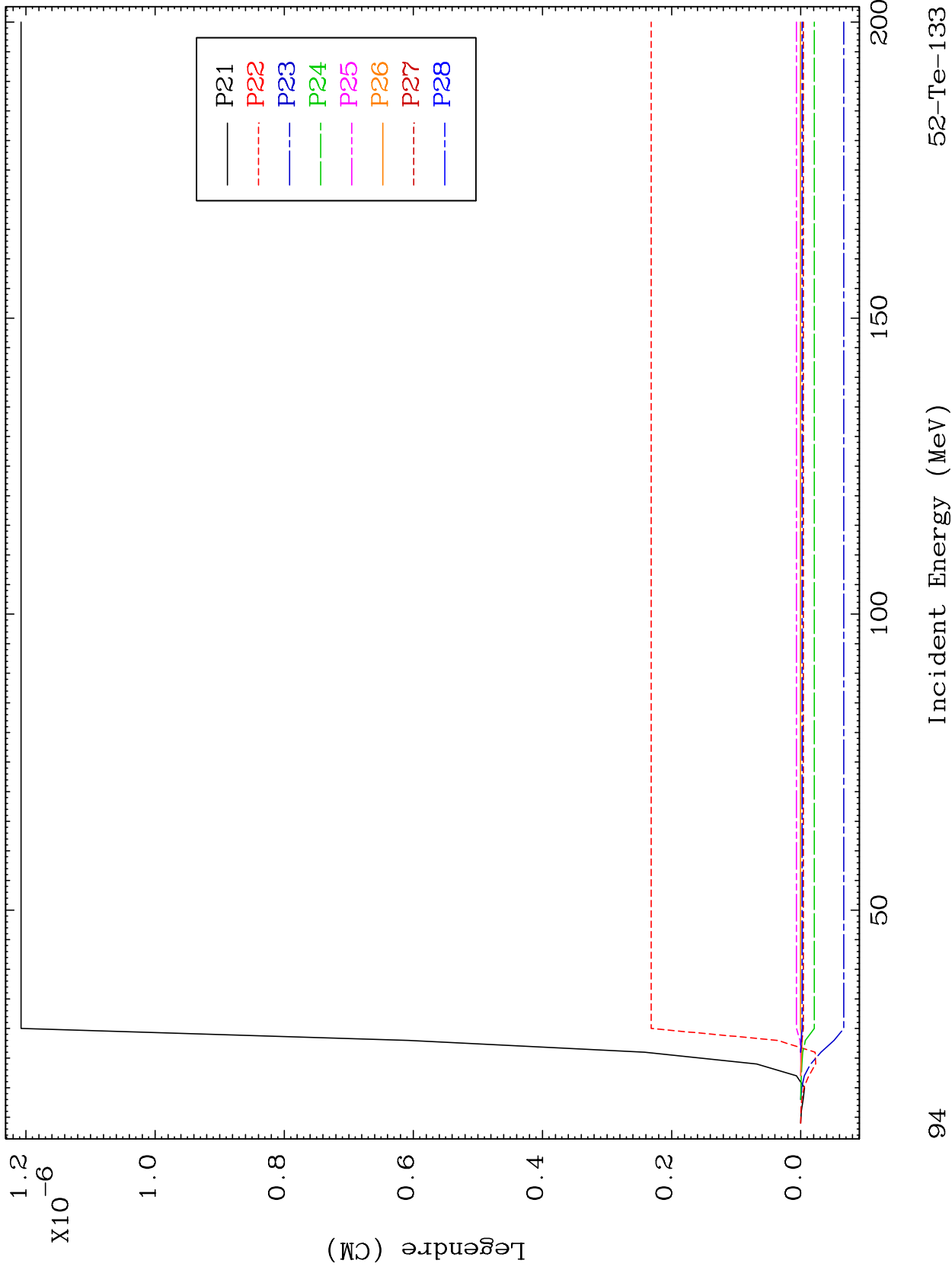
52-Te-133



MAT 5264

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

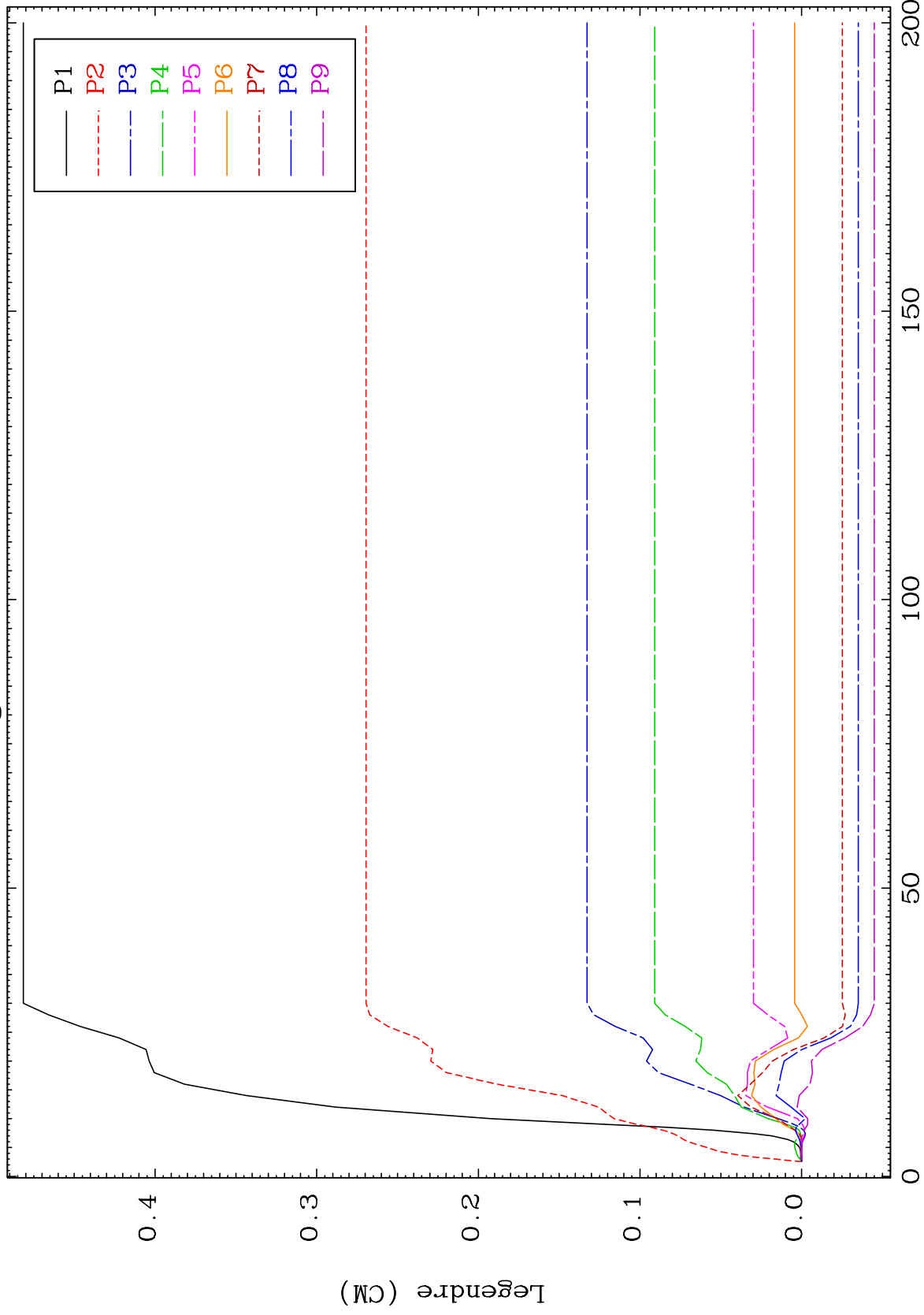
52-Te-133



MAT 5264

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

52-Te-133



95

Incident Energy (MeV)

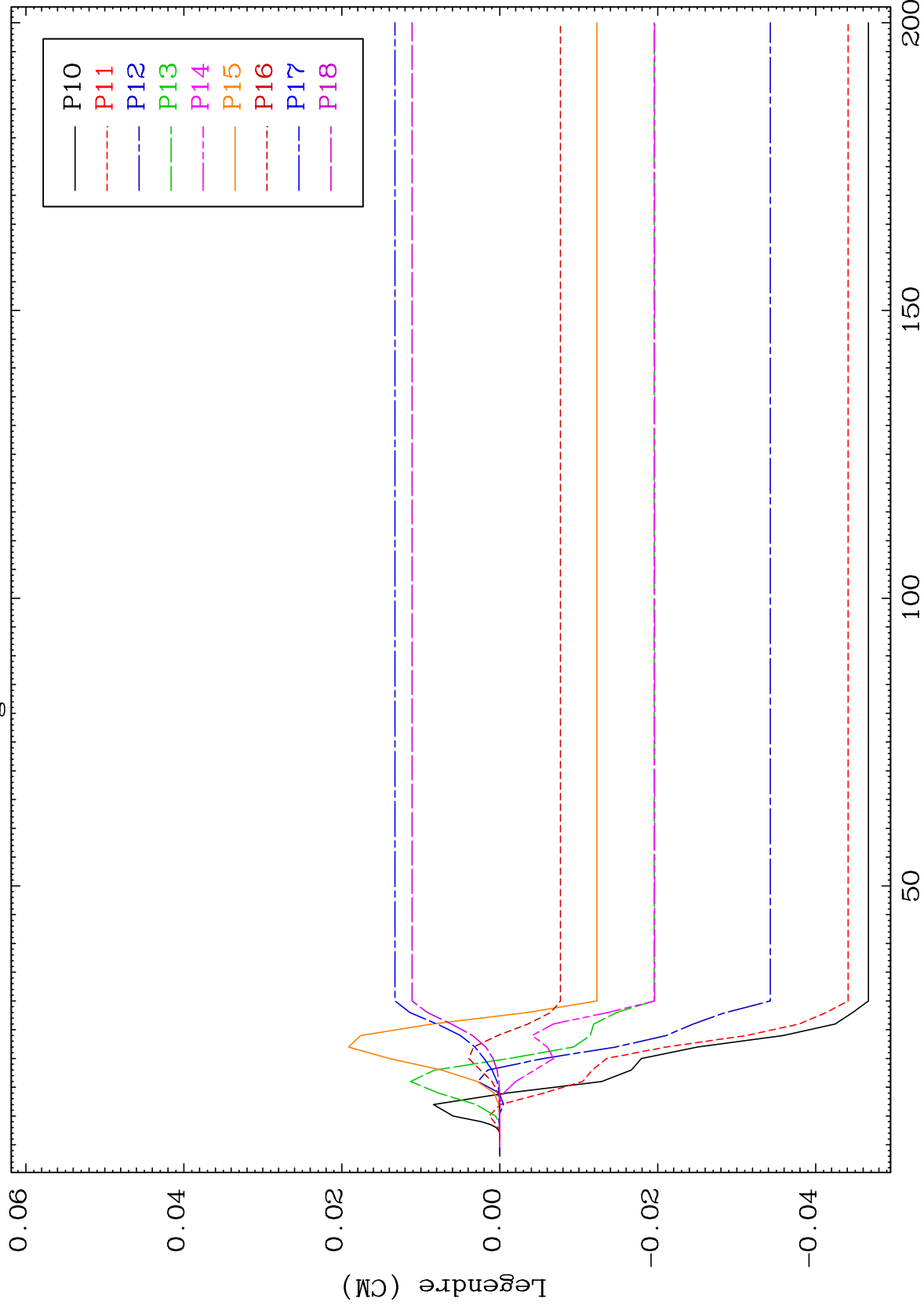
52-Te-133



MAT 5264

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

52-Te-133



96

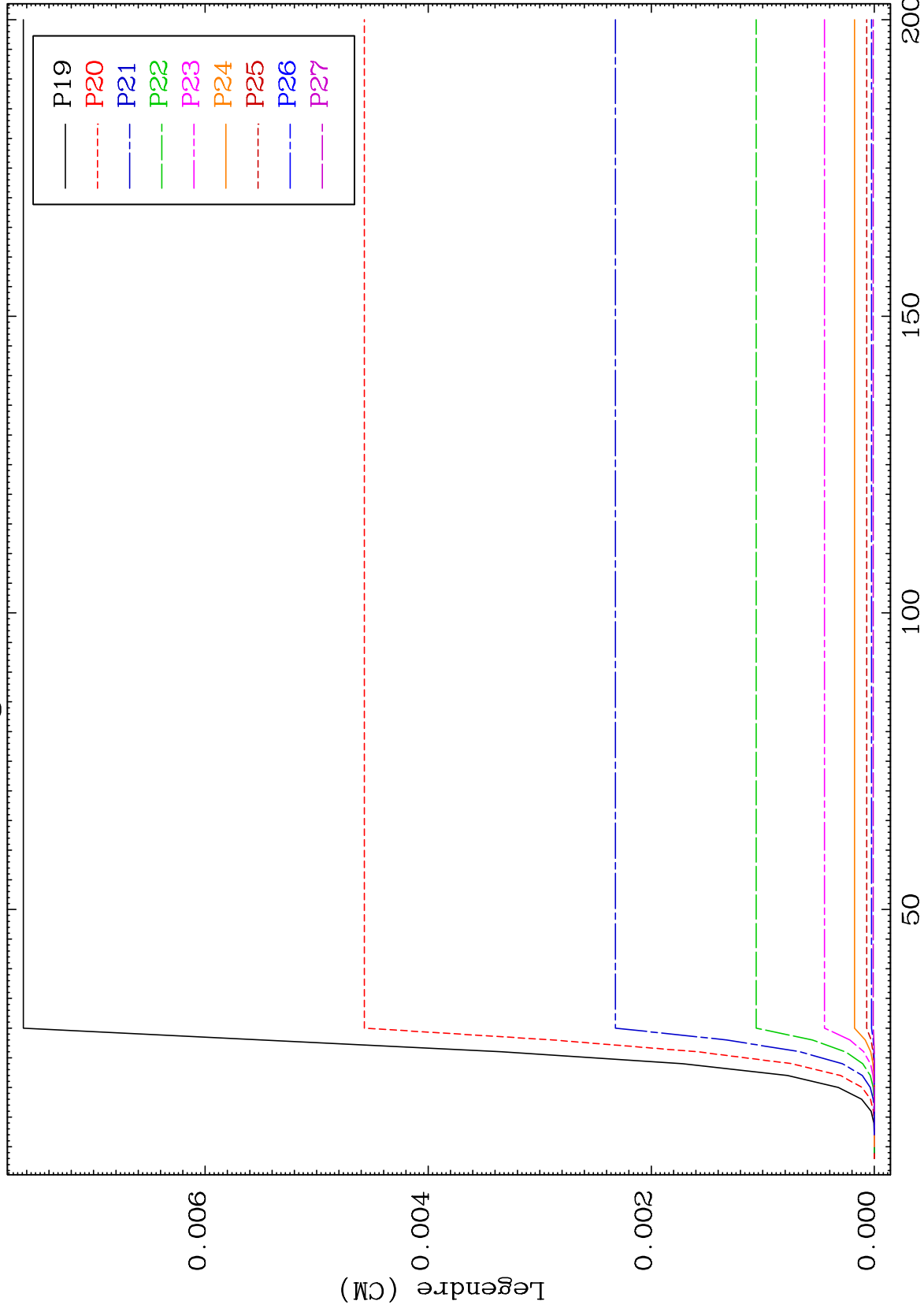
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



97

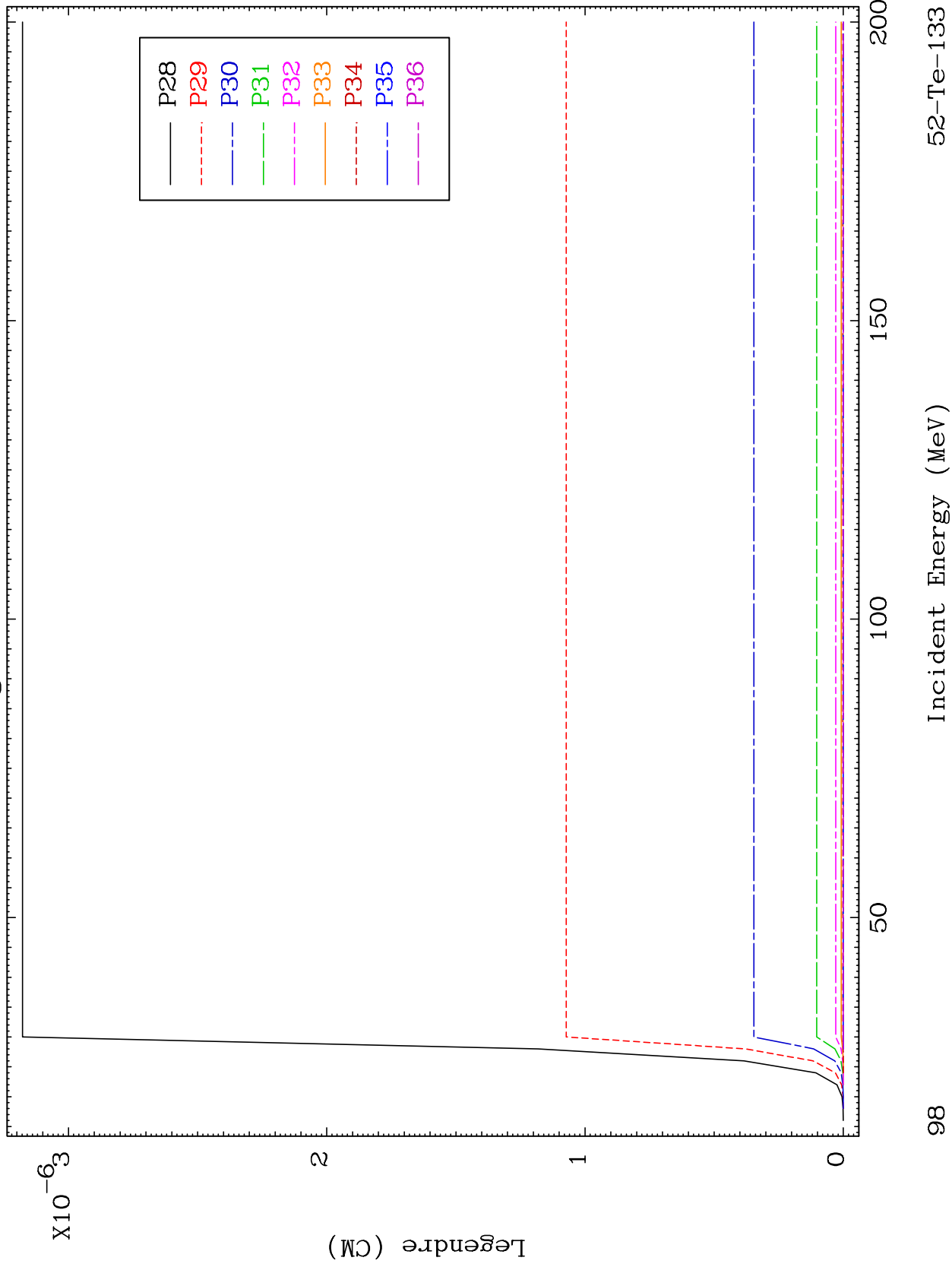
Incident Energy (MeV)

52-Te-133

MAT 5264

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

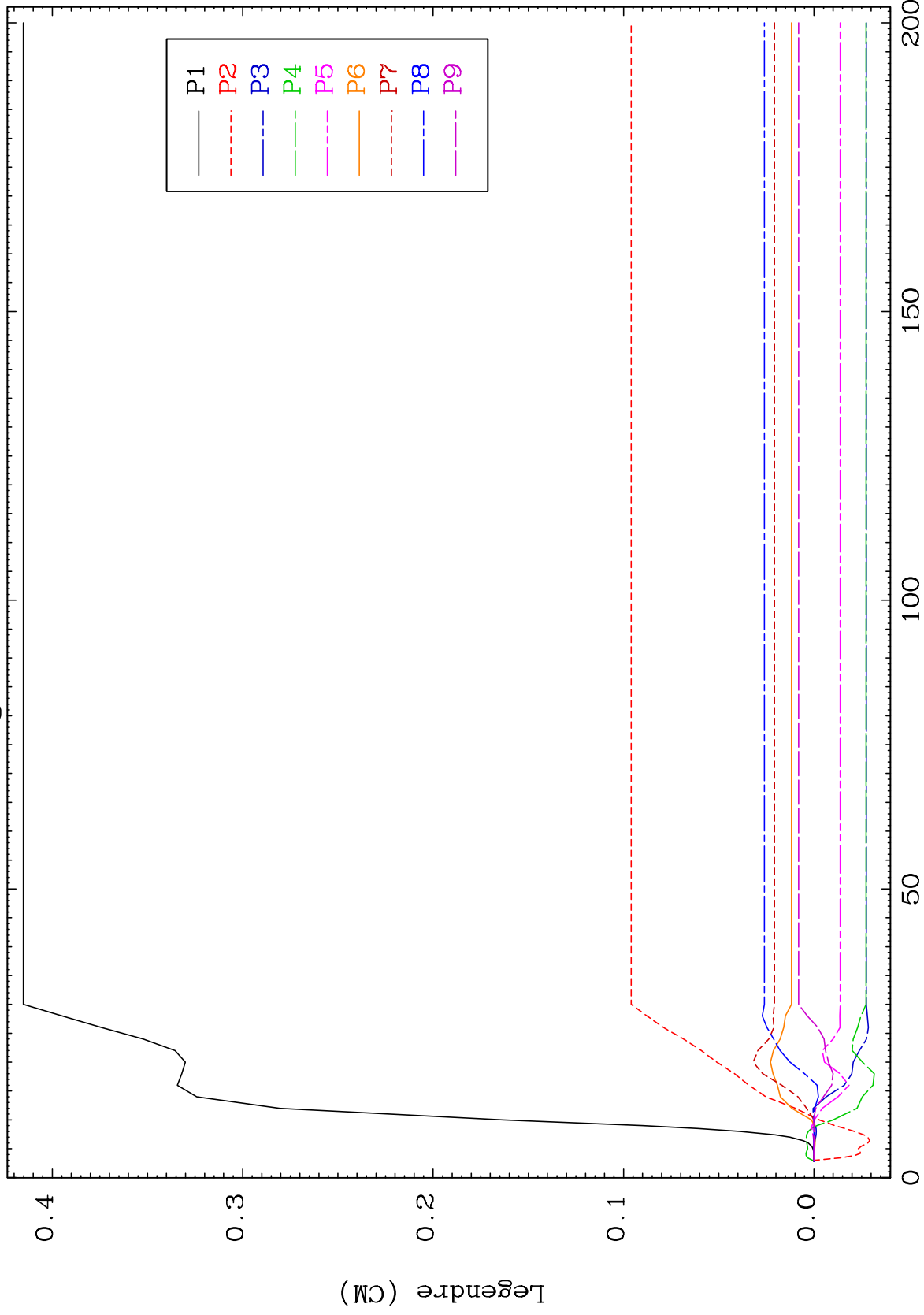
52-Te-133



MAT 5264

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

52-Te-133



99

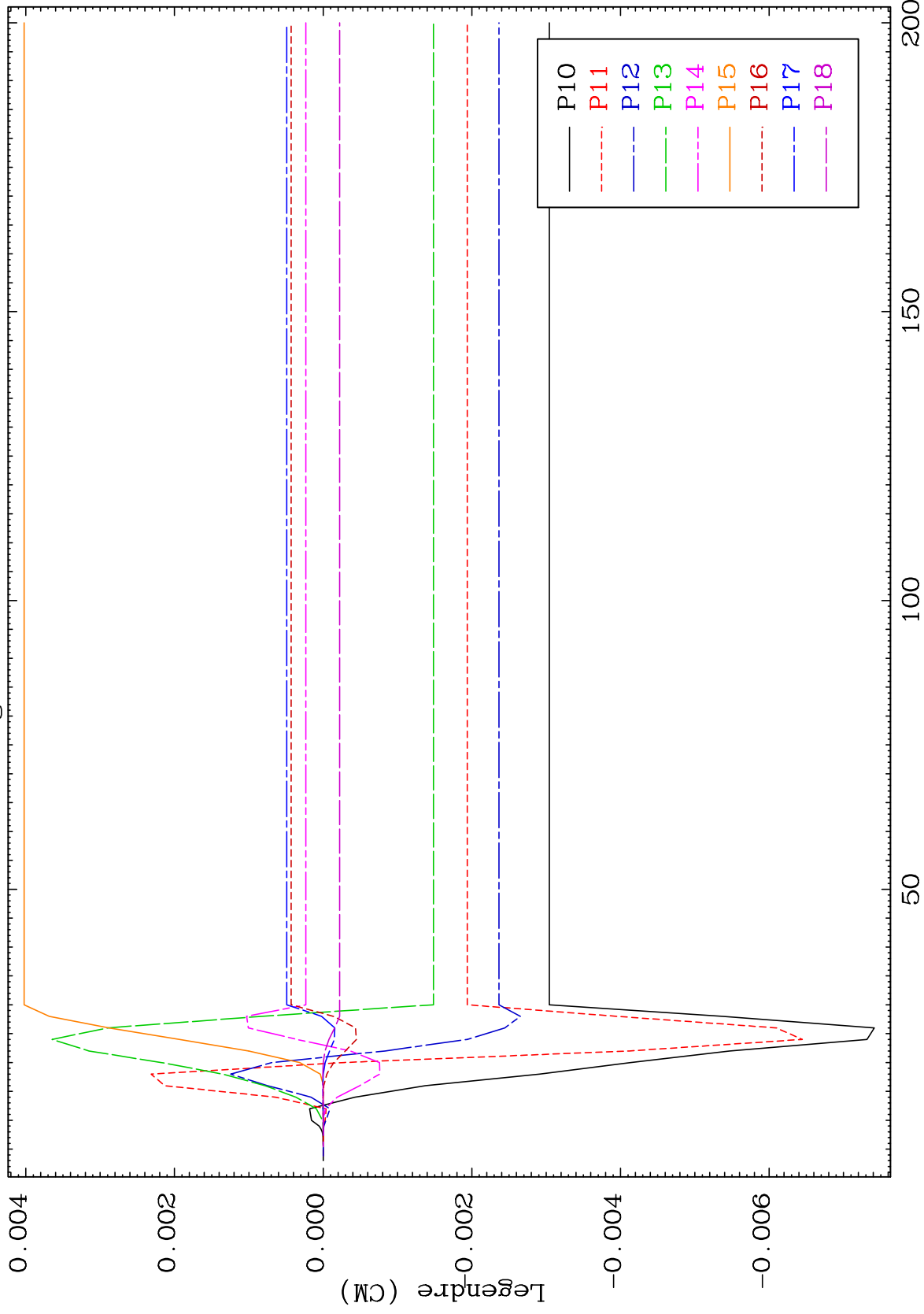
Incident Energy (MeV)

52-Te-133

MAT 5264

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

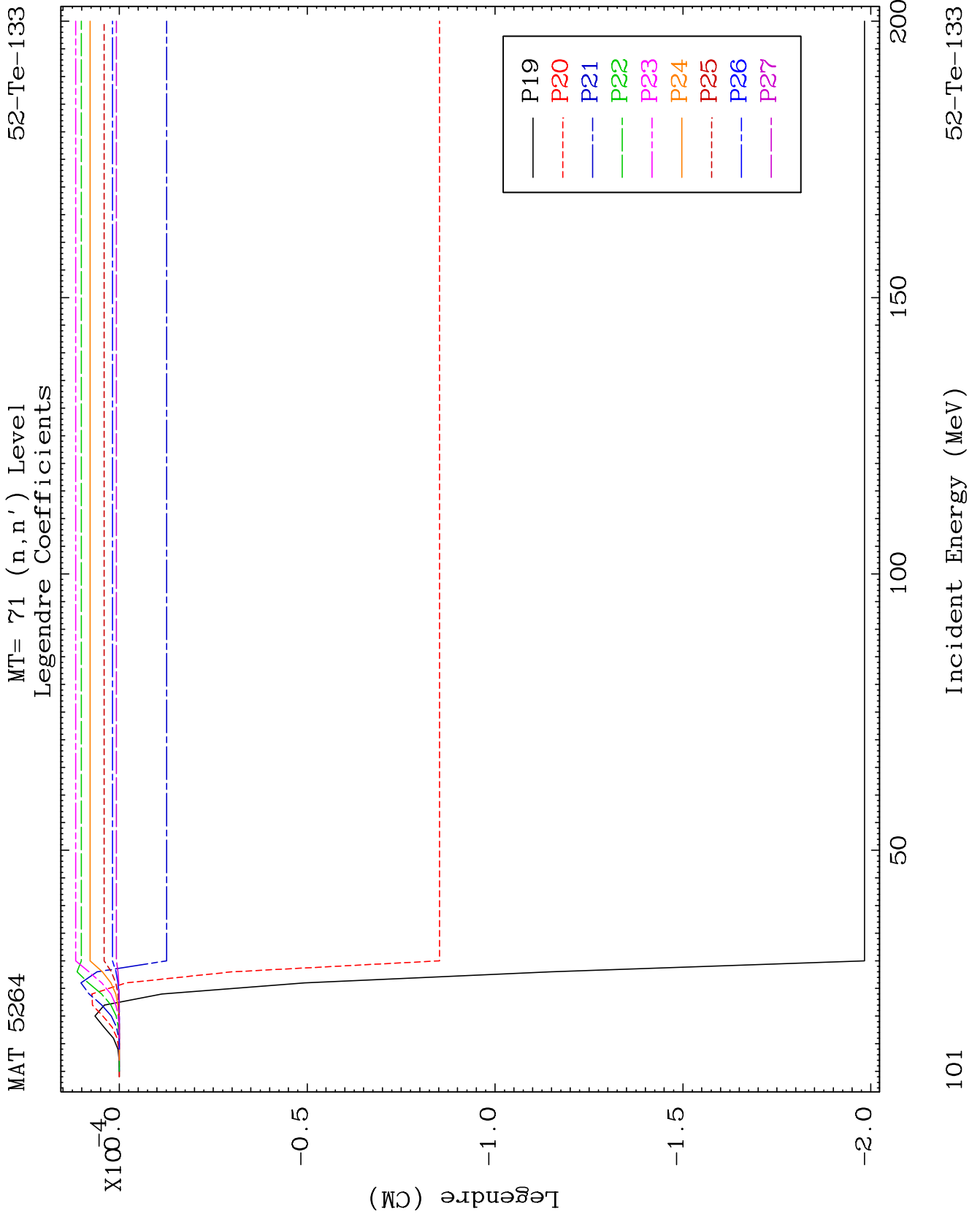
52-Te-133



100

Incident Energy (MeV)

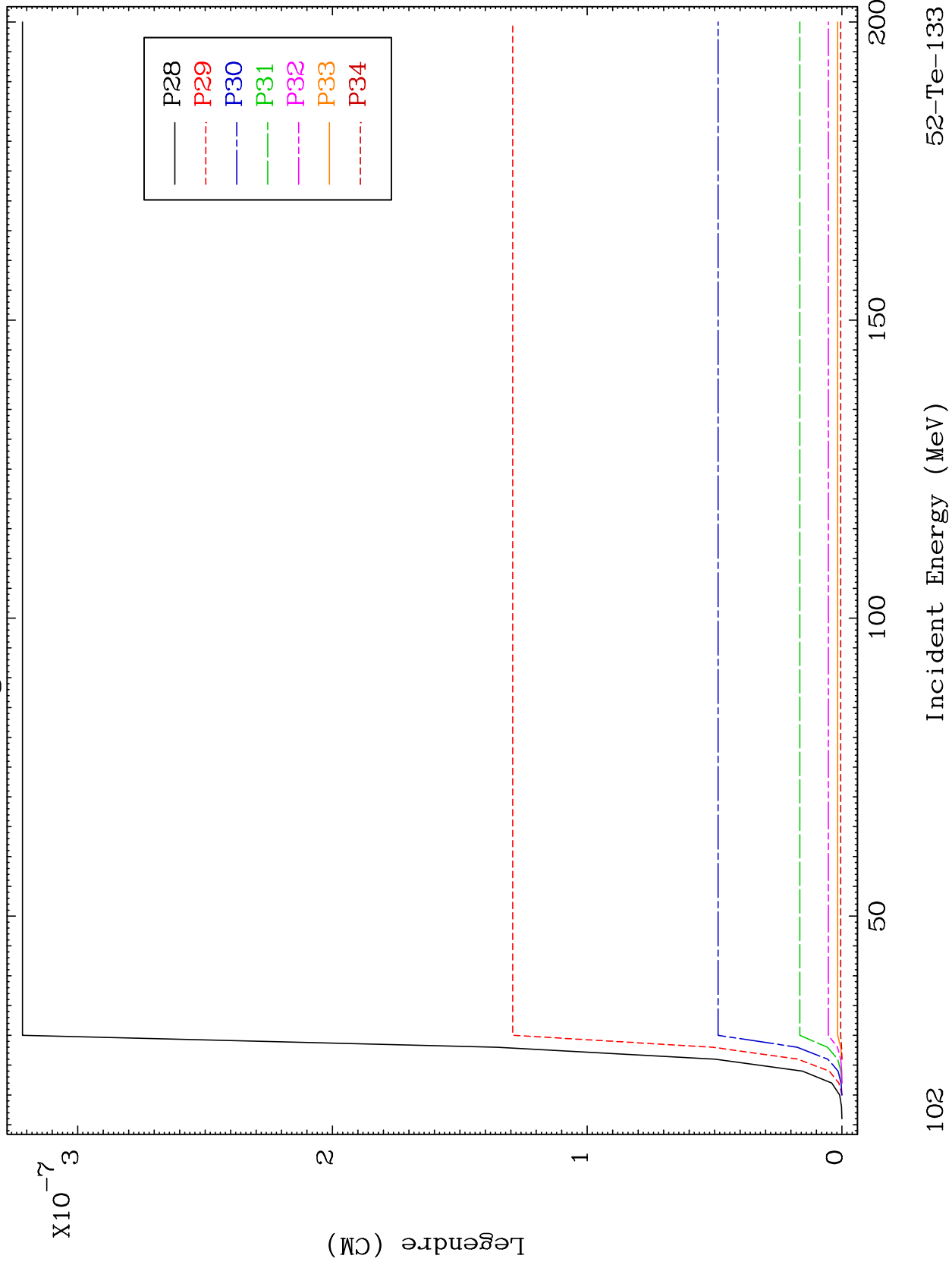
52-Te-133



MAT 5264

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

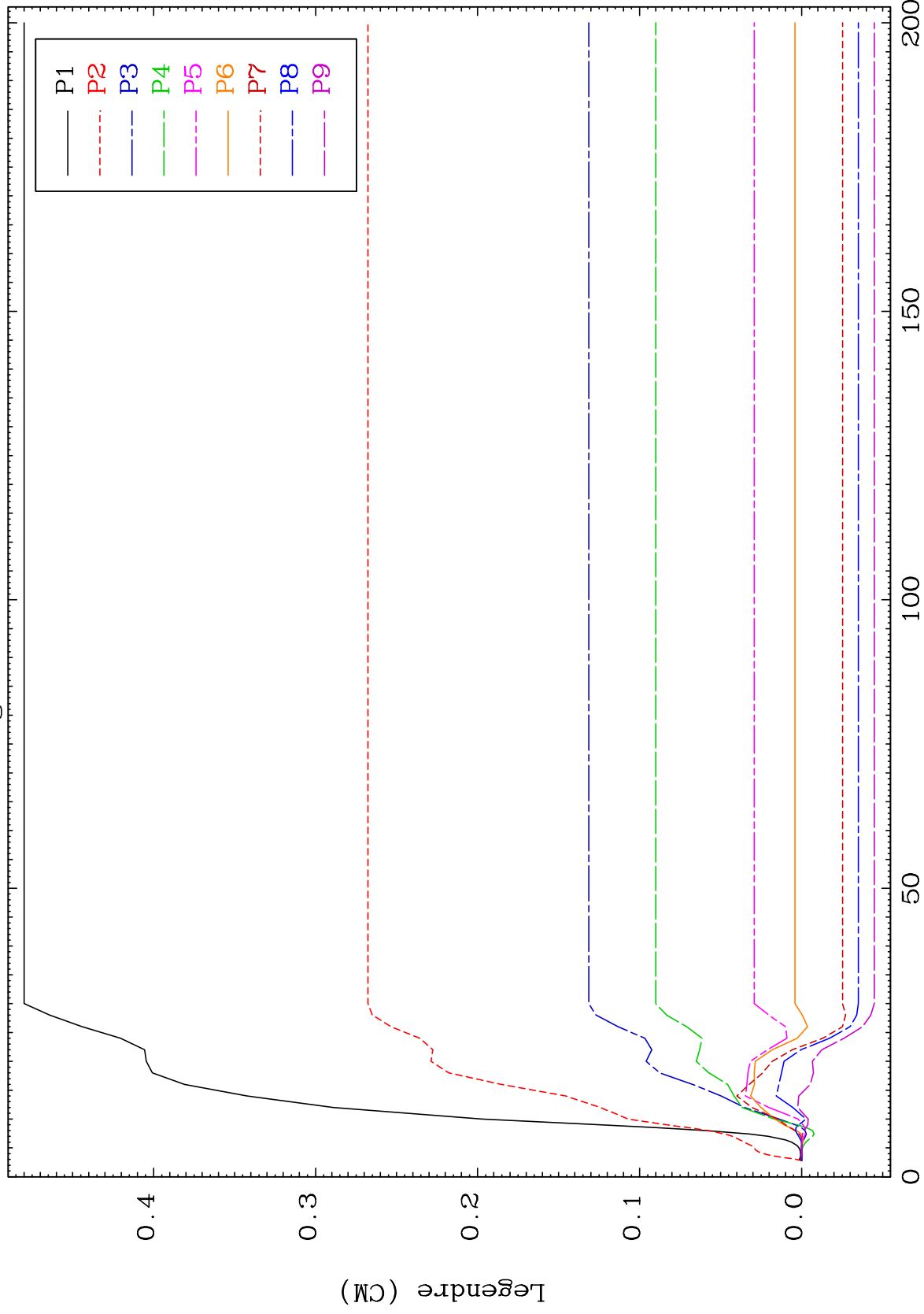
52-Te-133



MAT 5264

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

52-Te-133



103

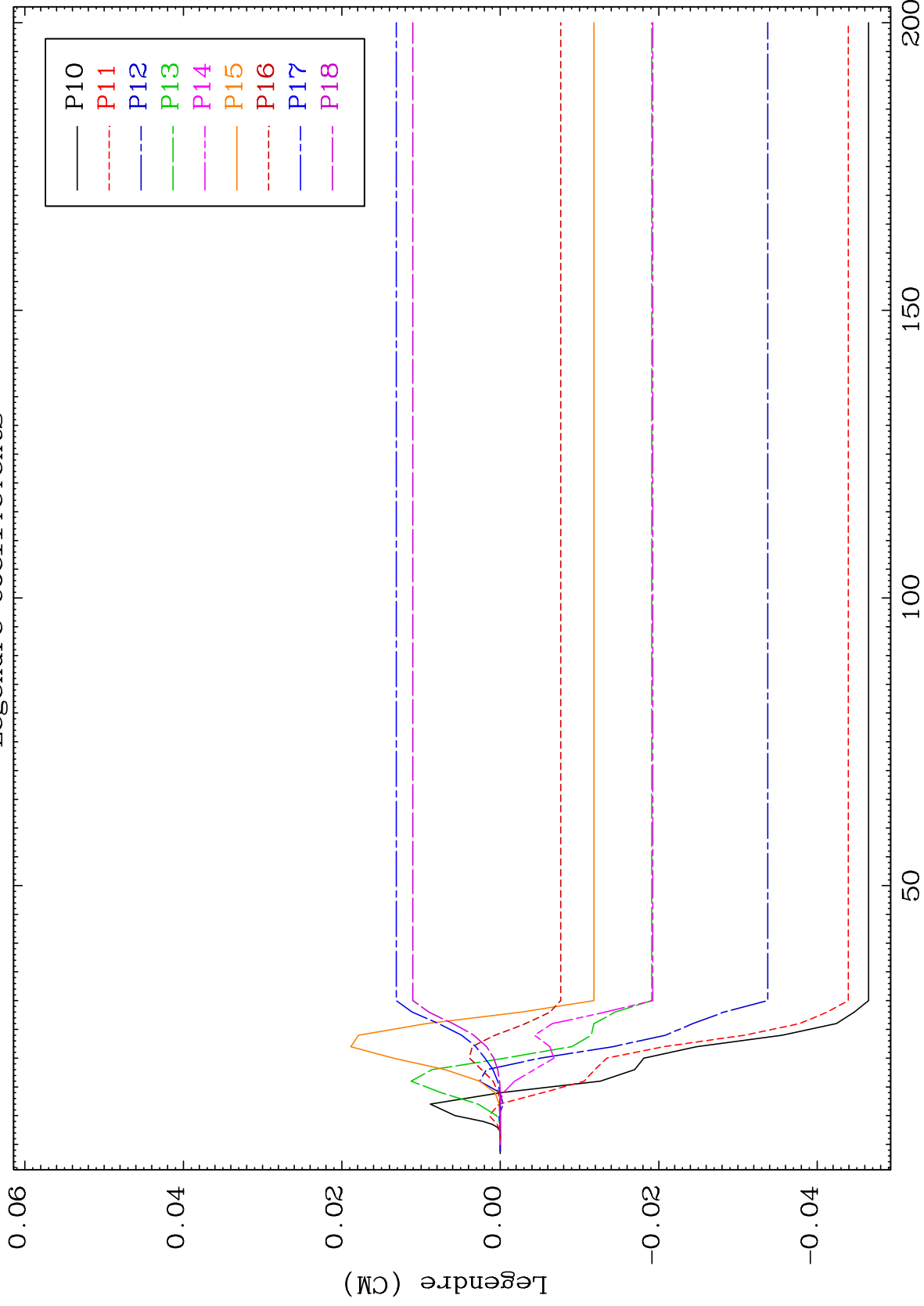
52-Te-133



MAT 5264

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

52-Te-133



104

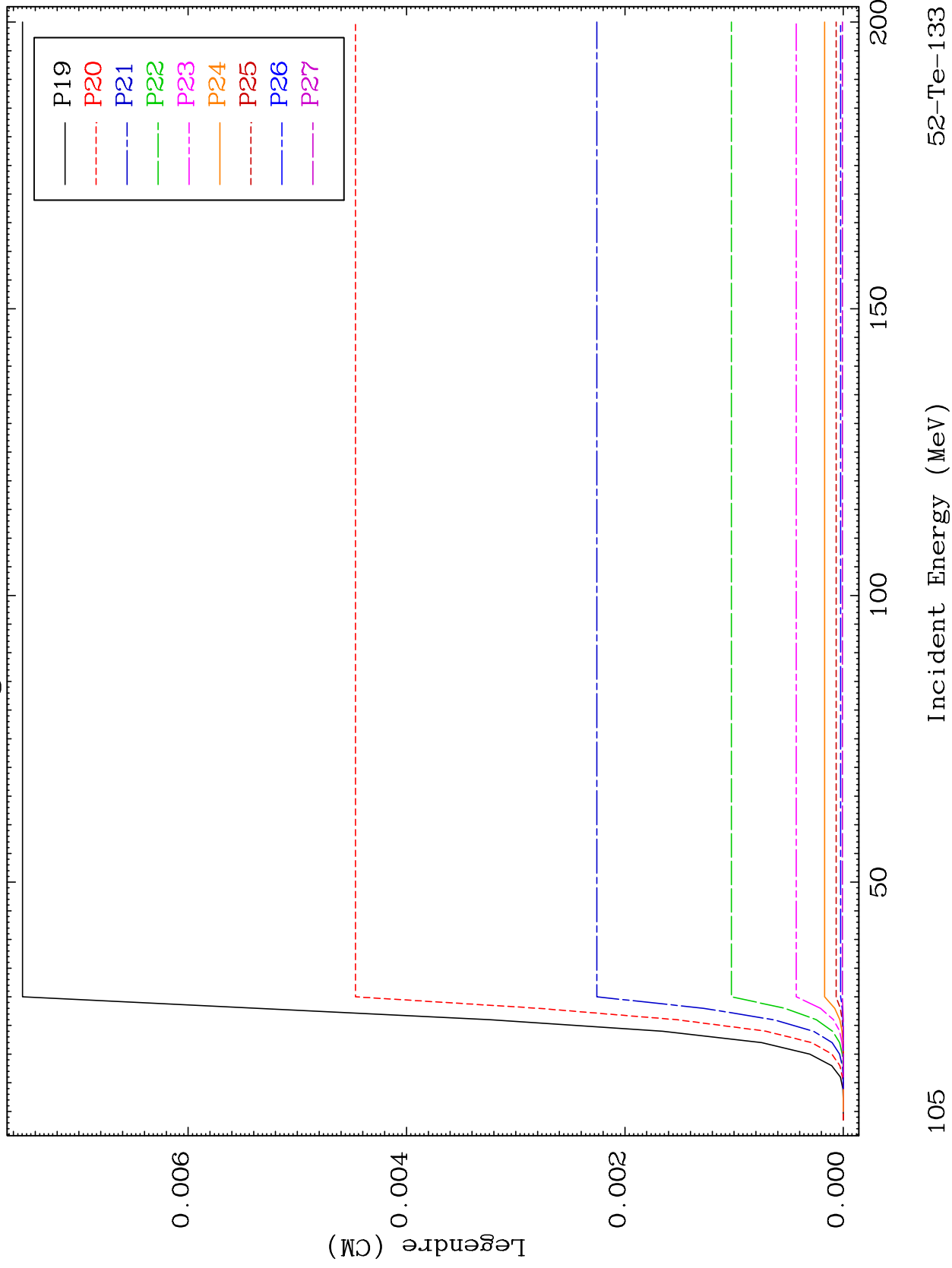
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



105

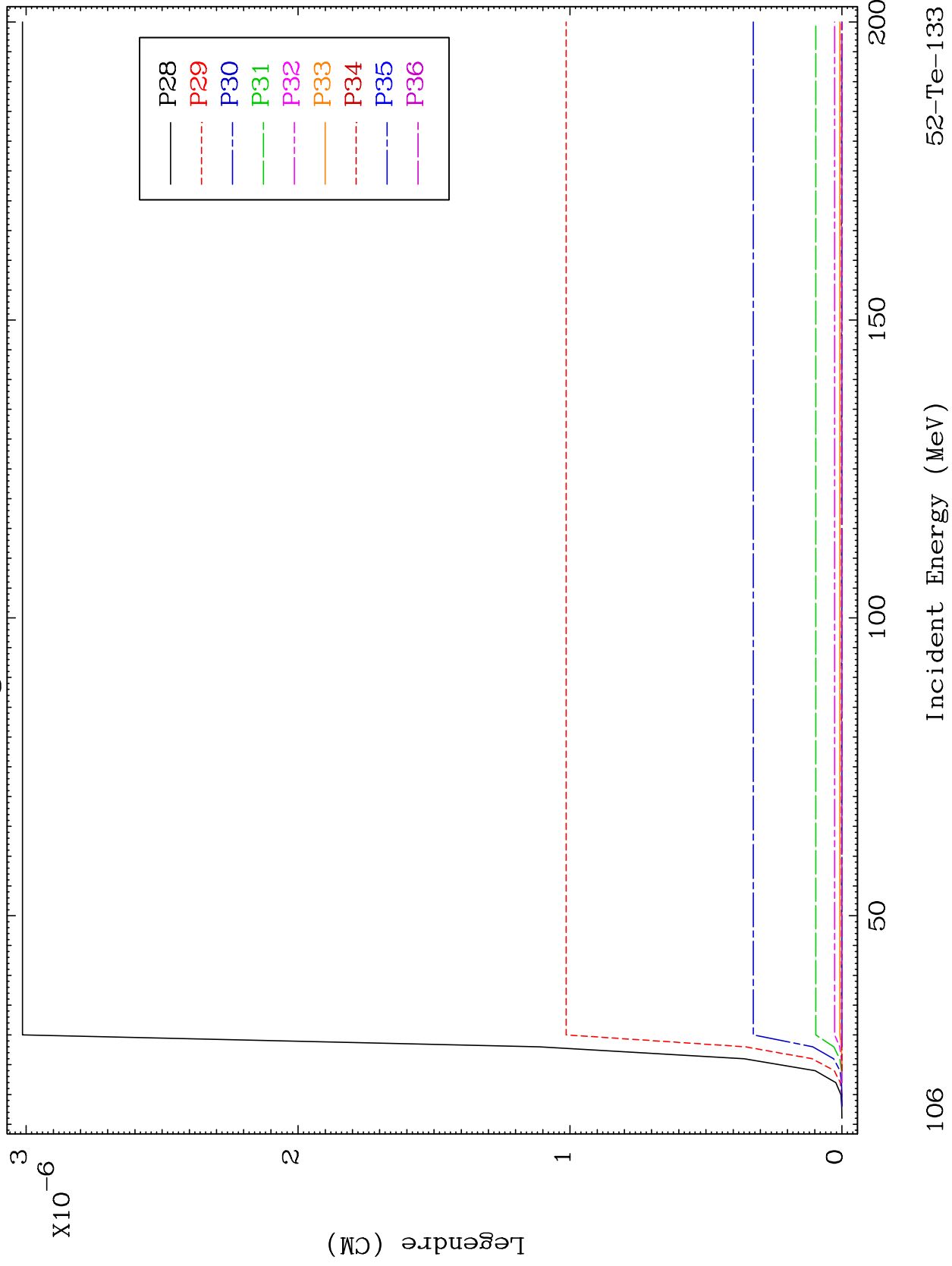
Incident Energy (MeV)

52-Te-133

MAT 5264

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

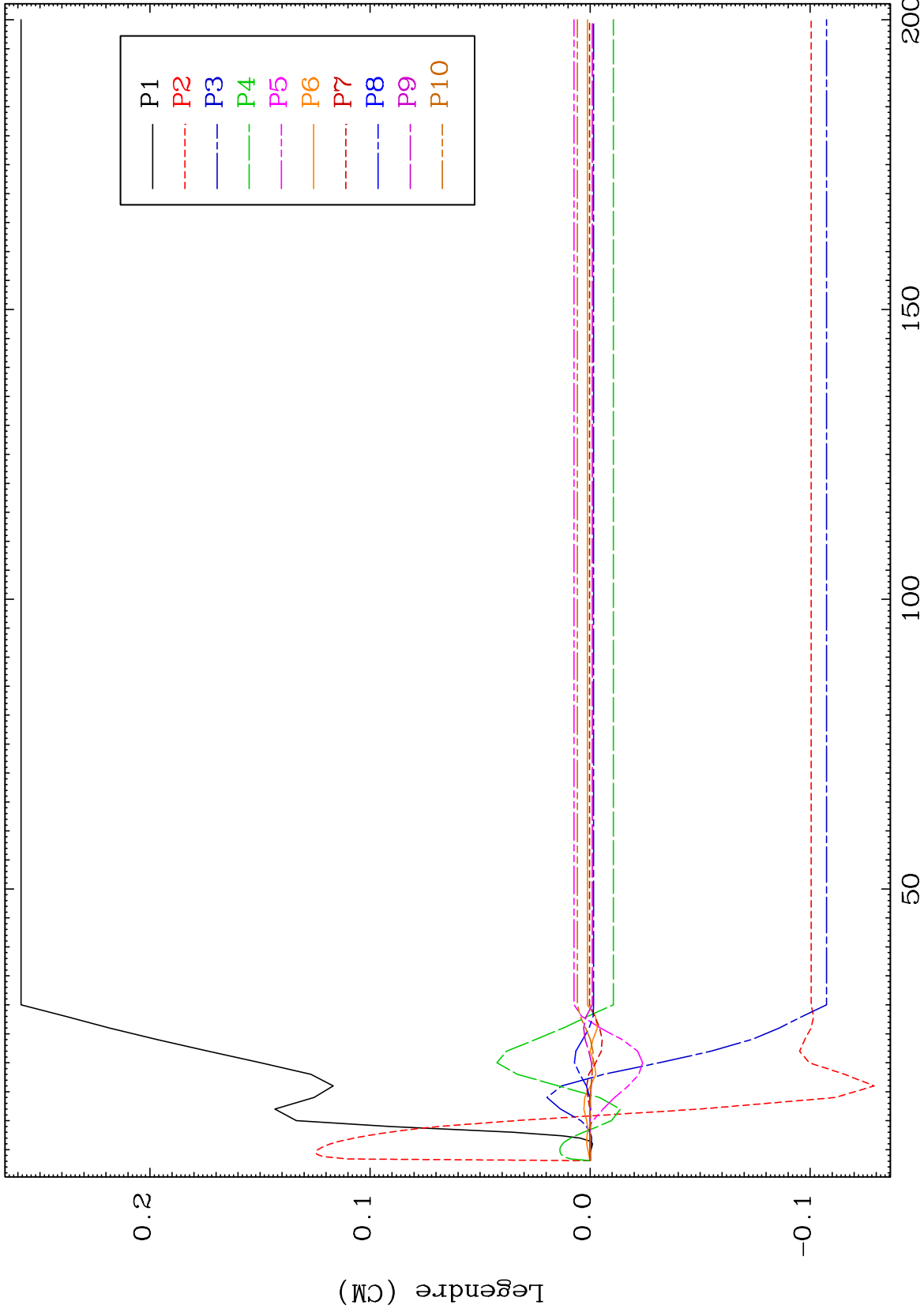
52-Te-133



MAT 5264

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

52-Te-133



107

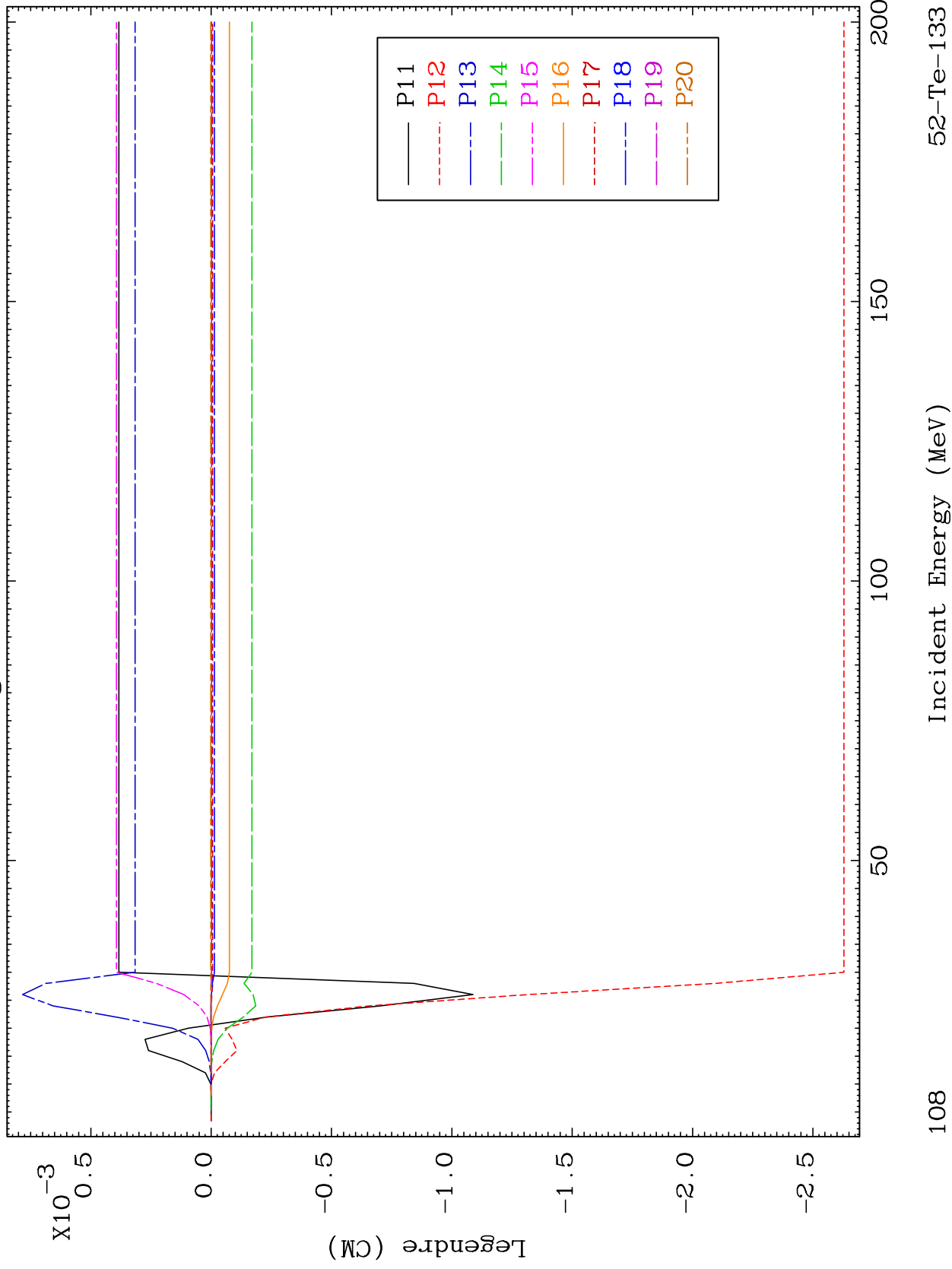
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



108

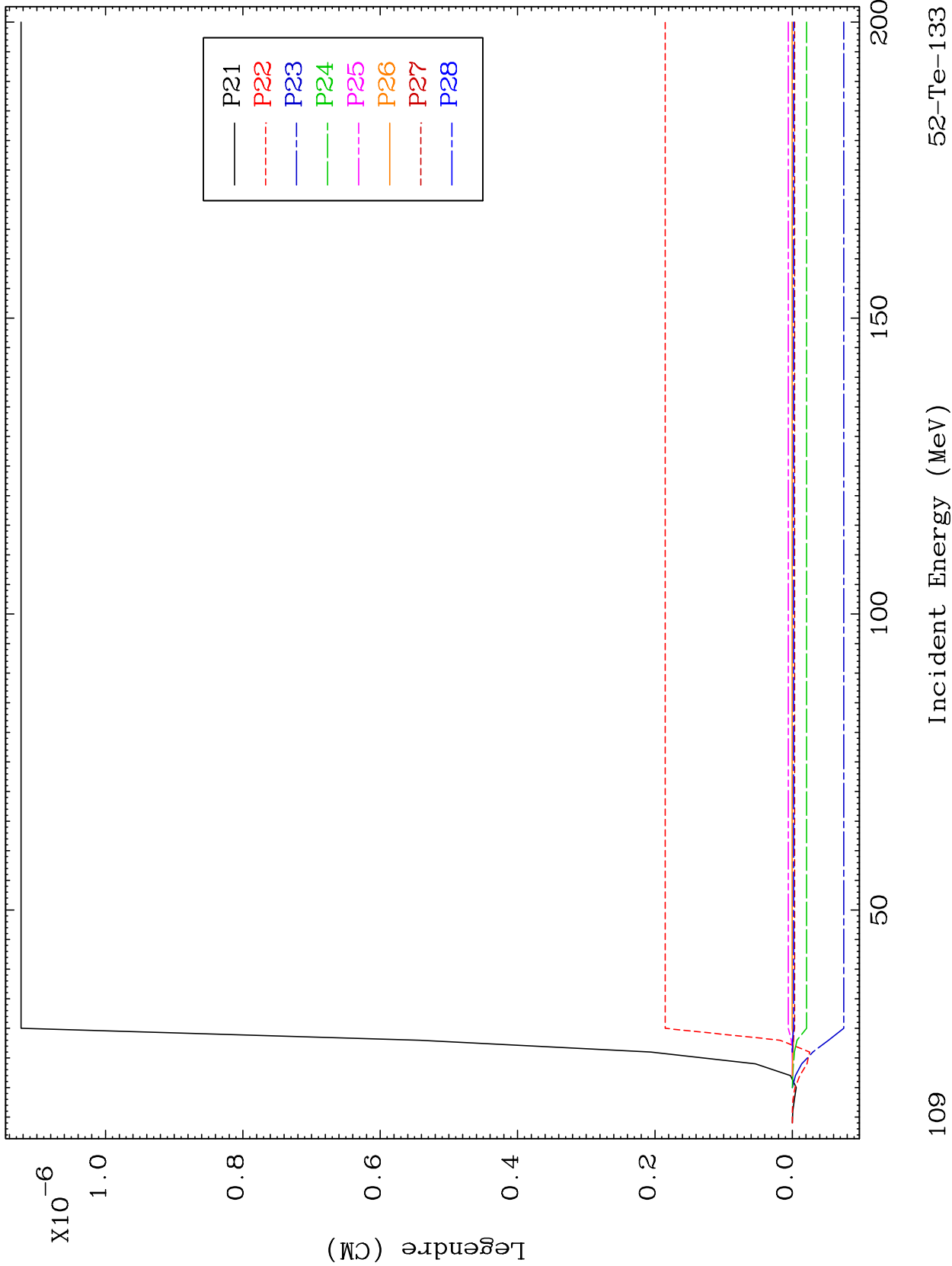
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133

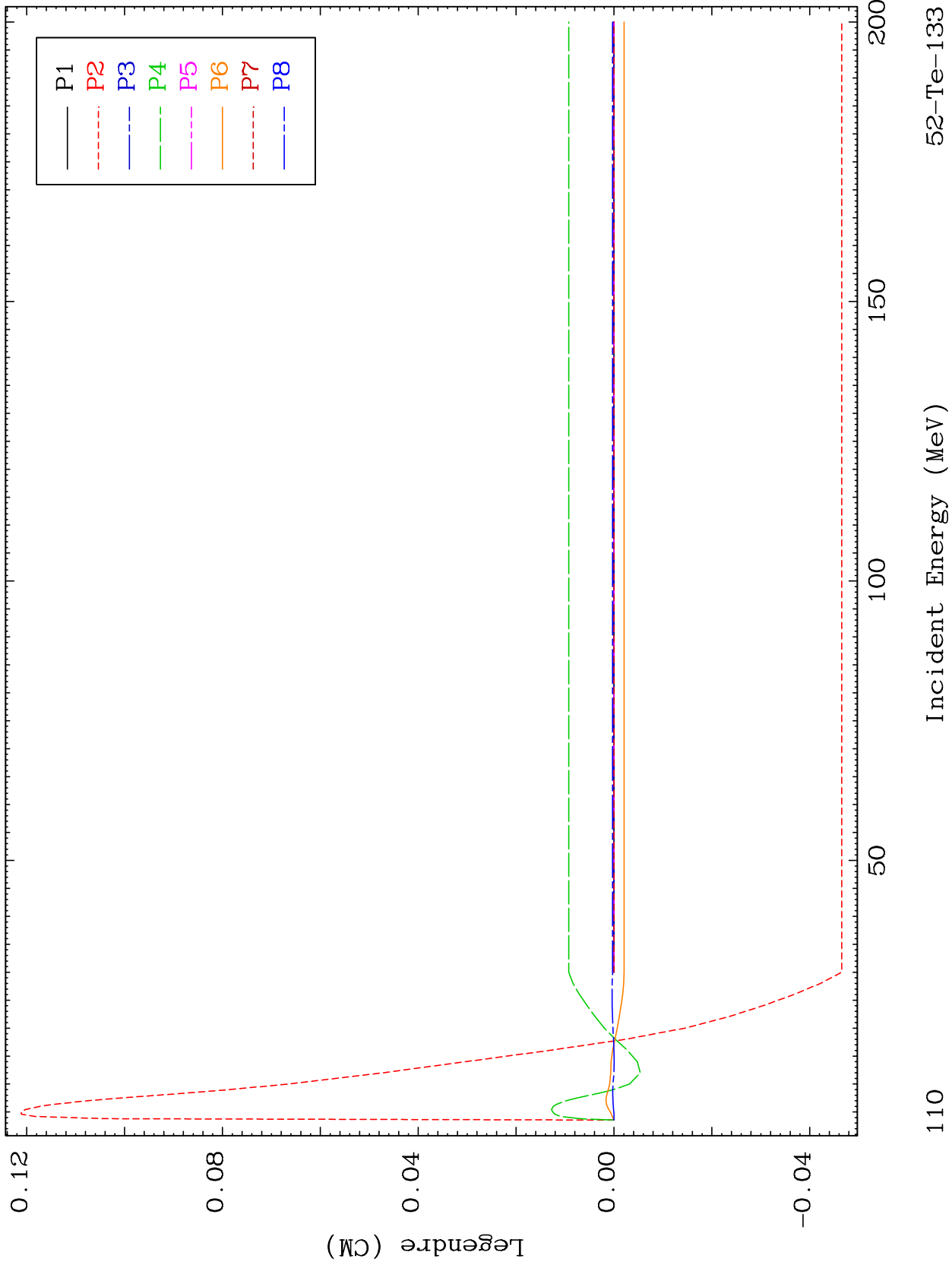


109

MAT 5264

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

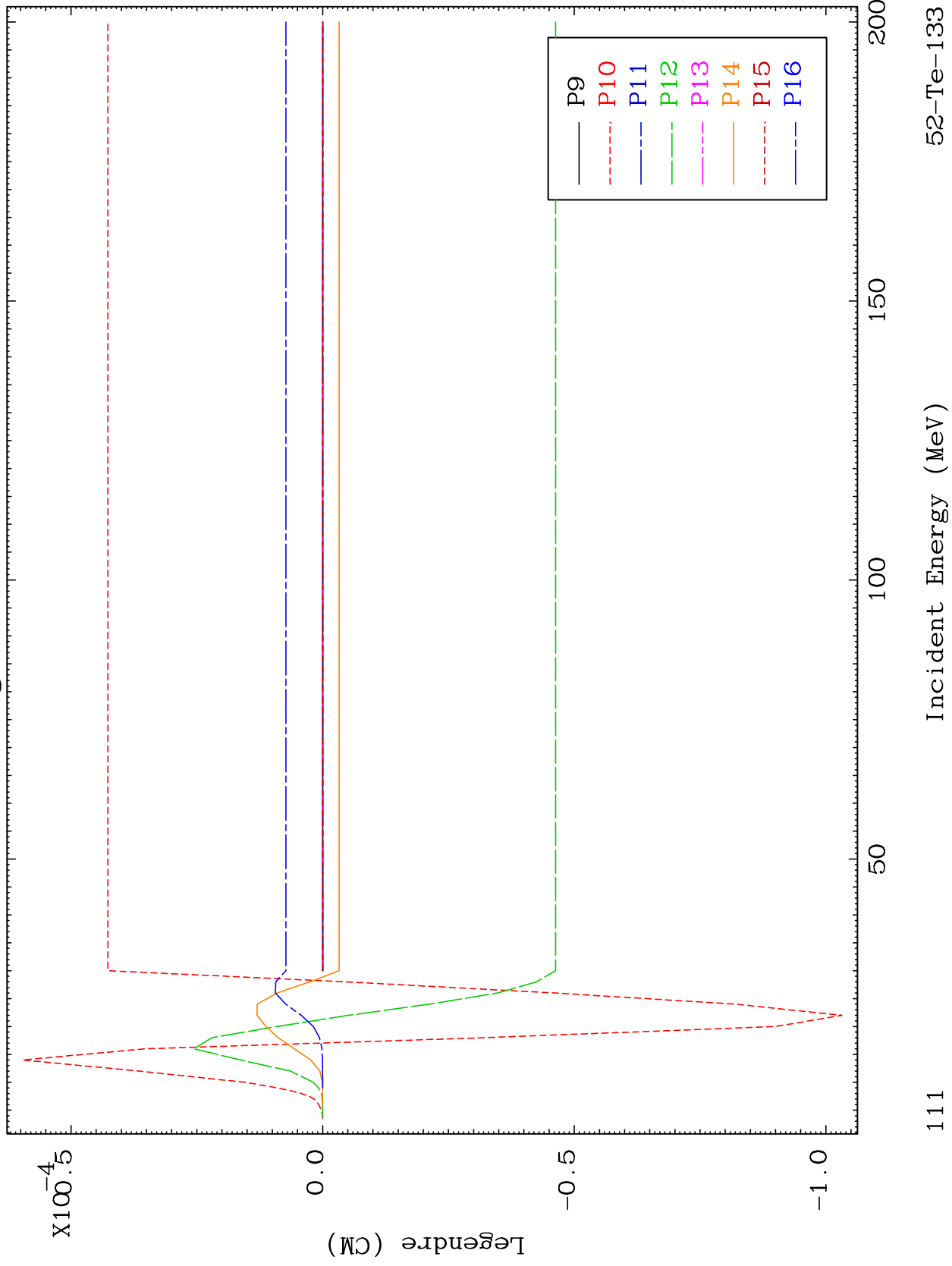
52-Te-133



MAT 5264

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

52-Te-133



111

Incident Energy (MeV)

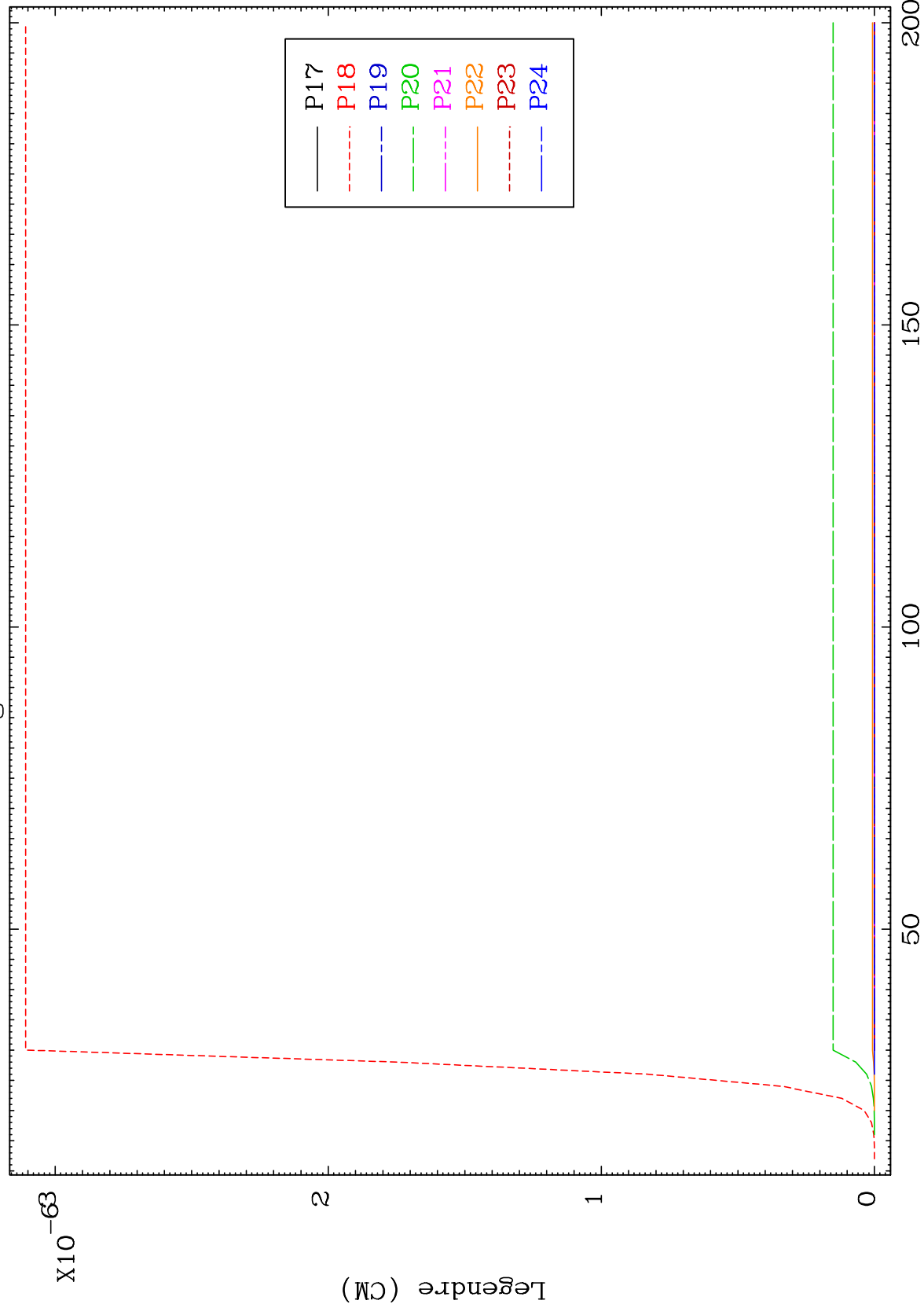
52-Te-133



MAT 5264

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

52-Te-133



52-Te-133

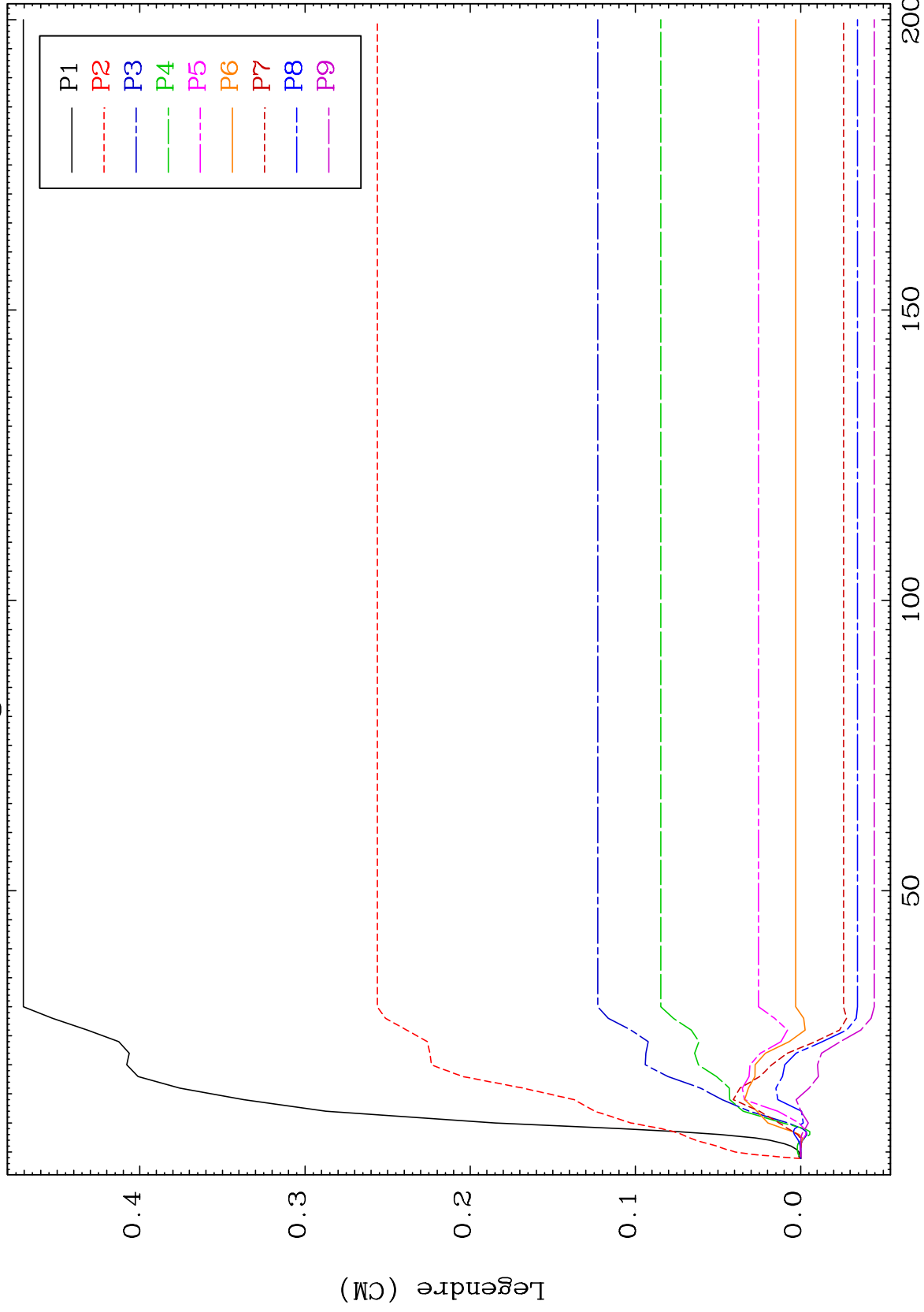
Incident Energy (MeV)

112

MAT 5264

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

52-Te-133



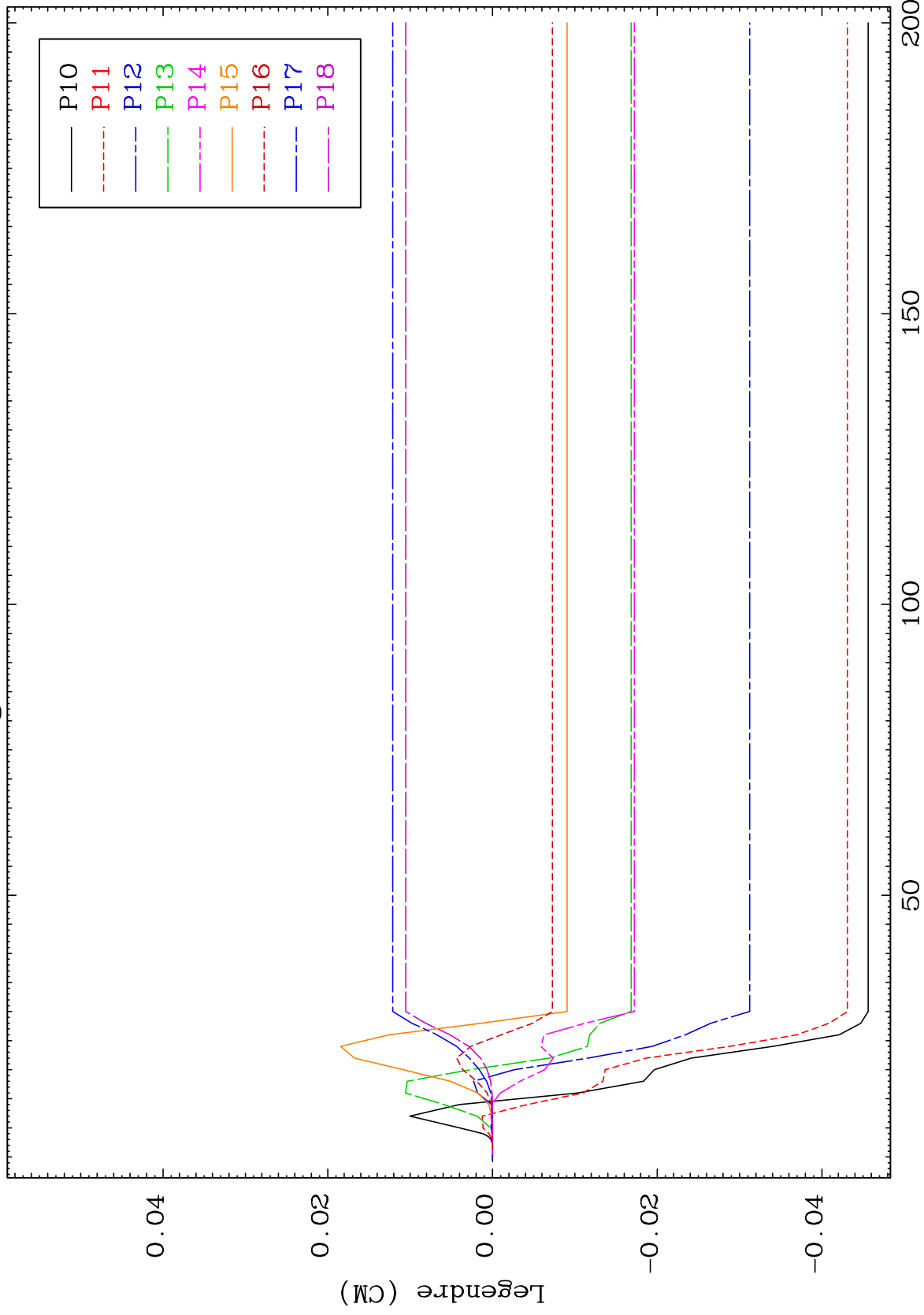
113

52-Te-133

MAT 5264

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

52-Te-133



114

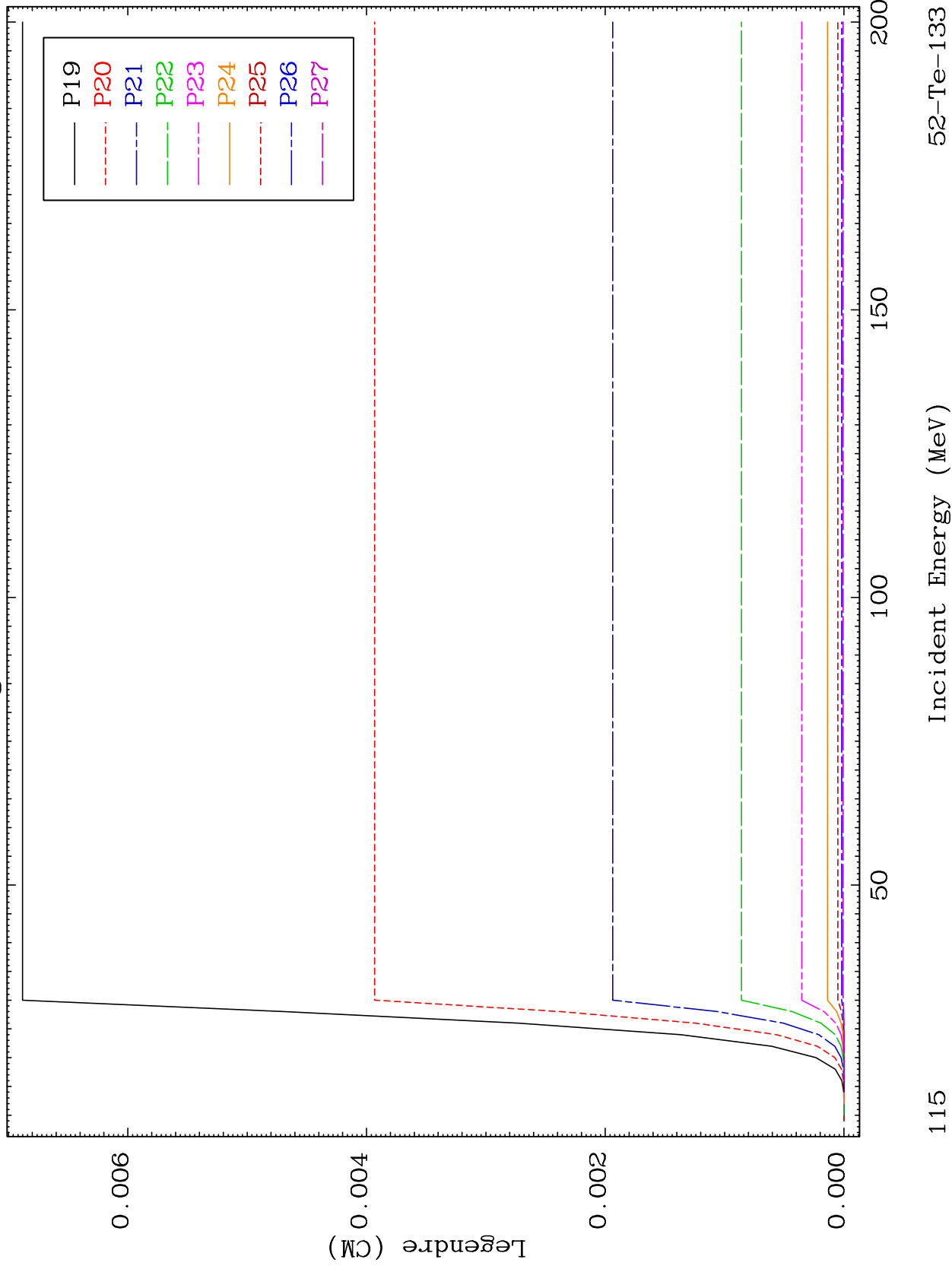
Incident Energy (MeV)

52-Te-133

MAT 5264

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

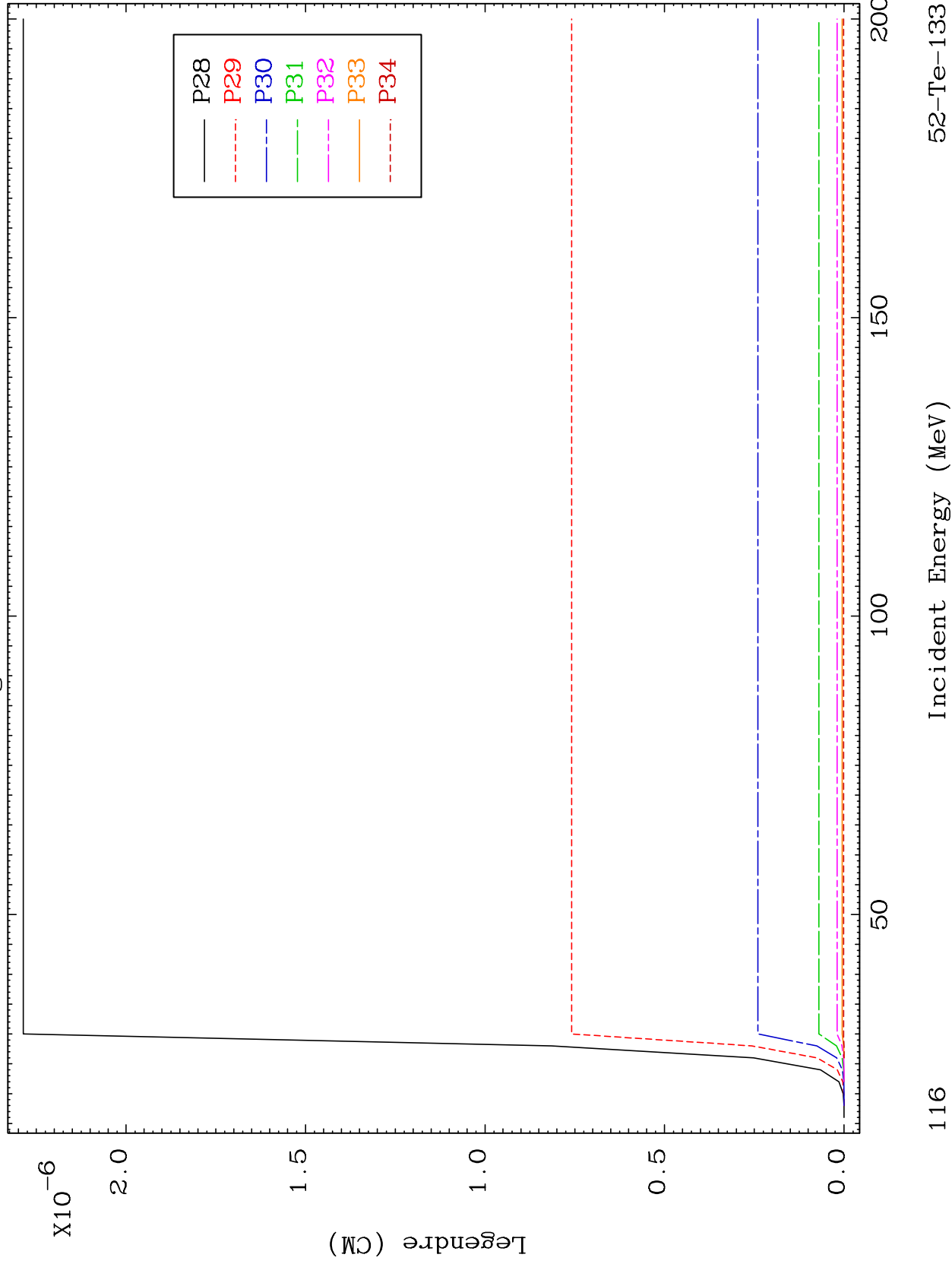
52-Te-133



MAT 5264

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

52-Te-133



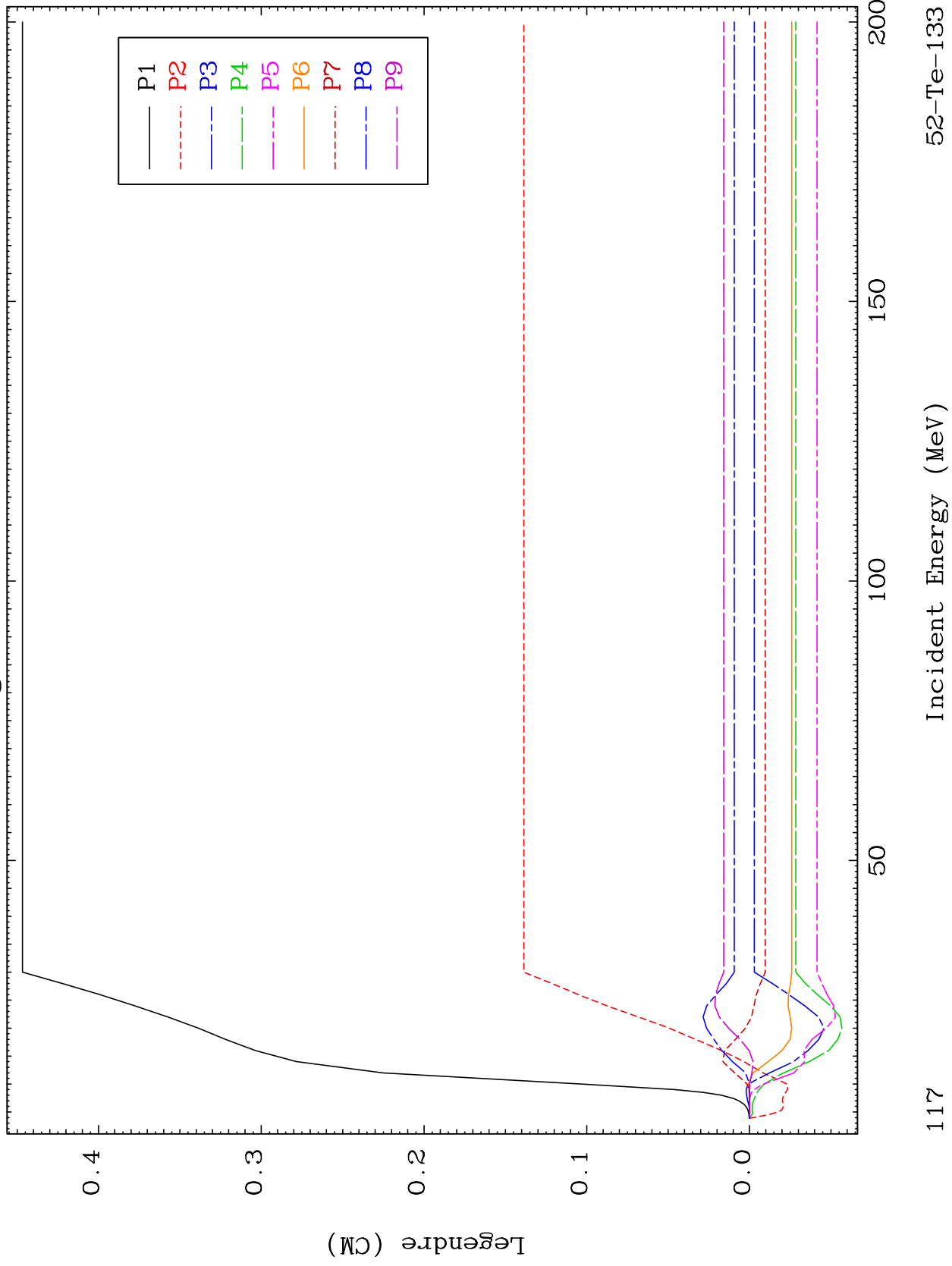
116

52-Te-133

MAT 5264

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

52-Te-133



117

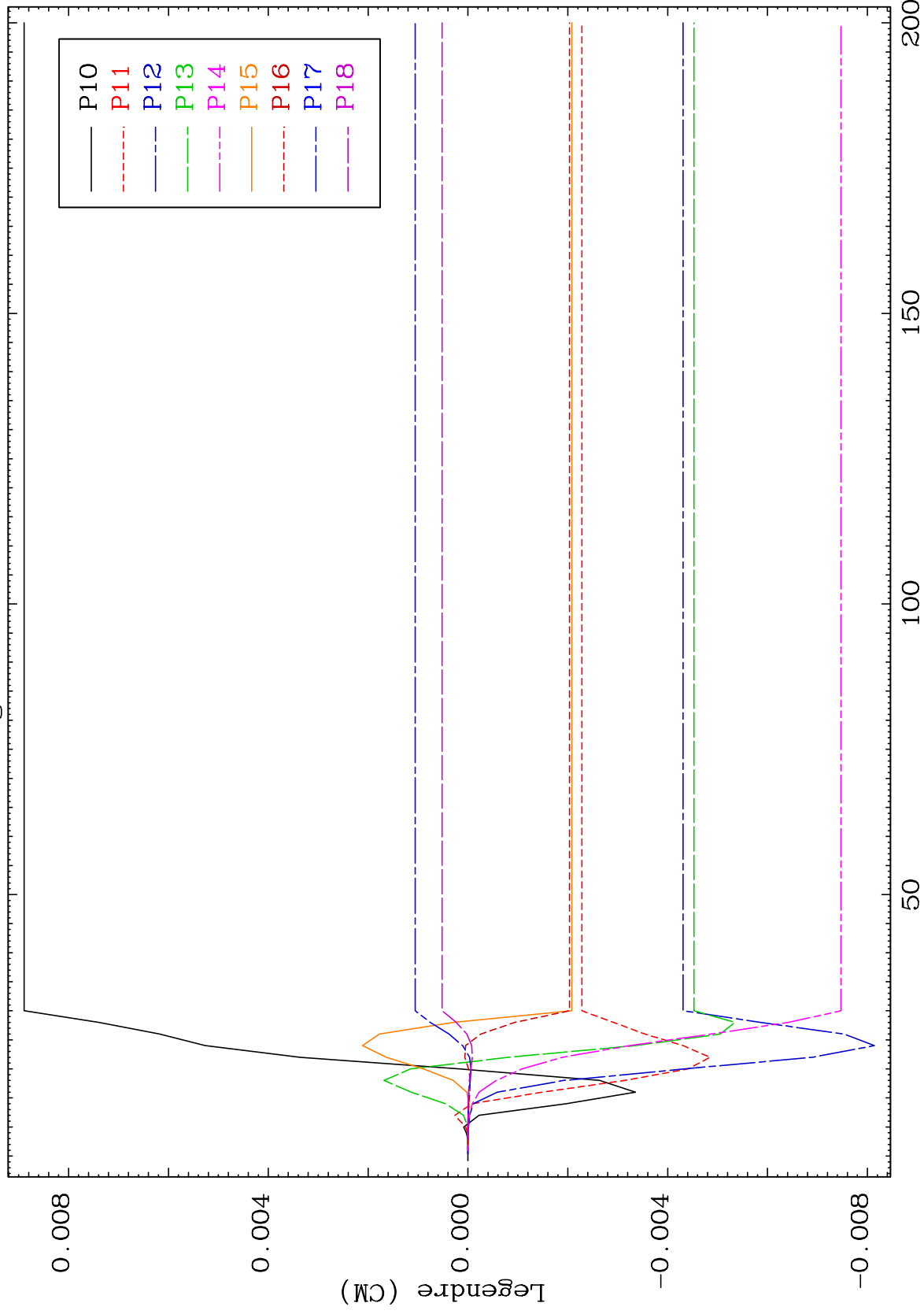
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



118

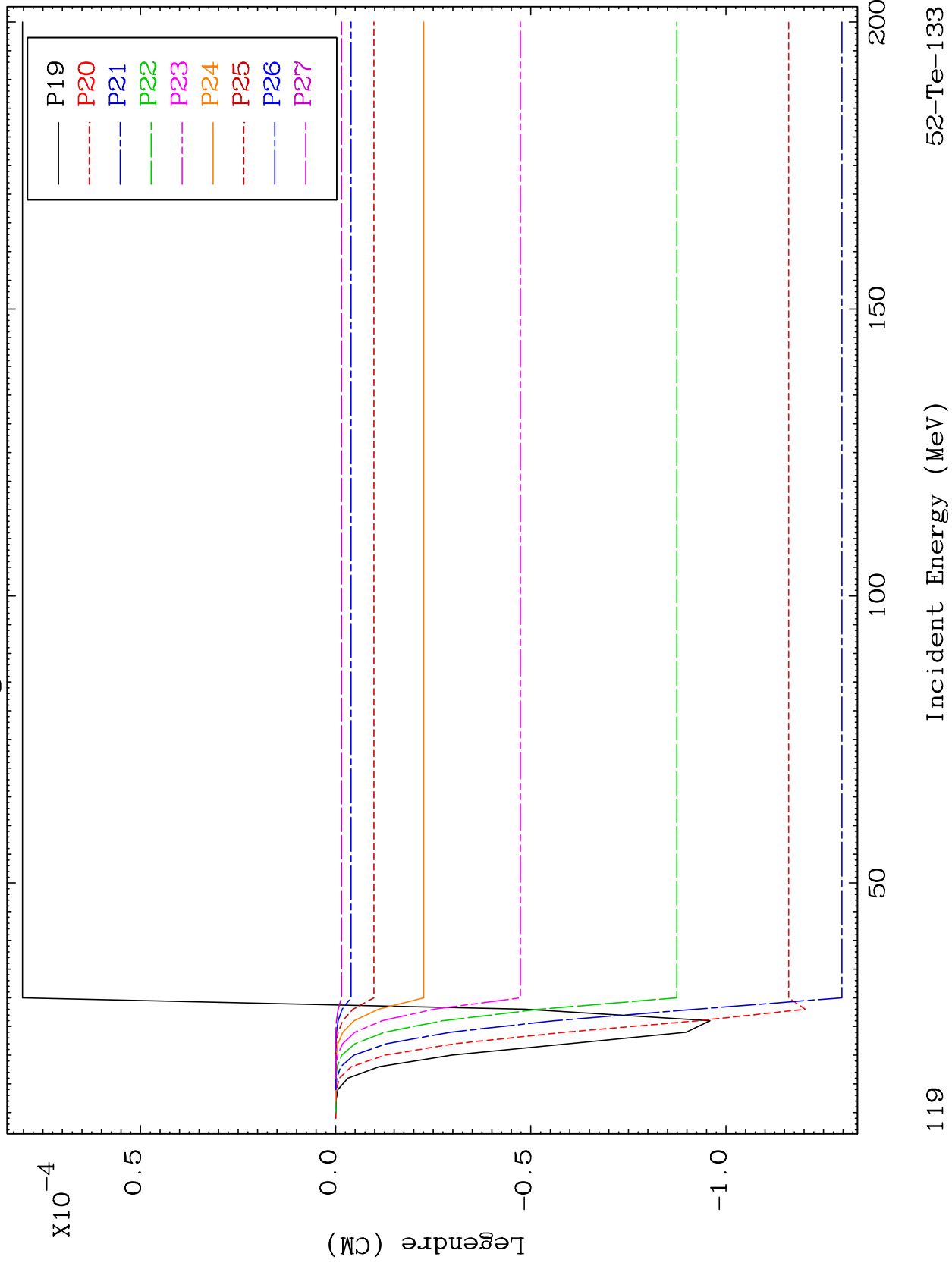
Incident Energy (MeV)

52-Te-133

MAT 5264

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

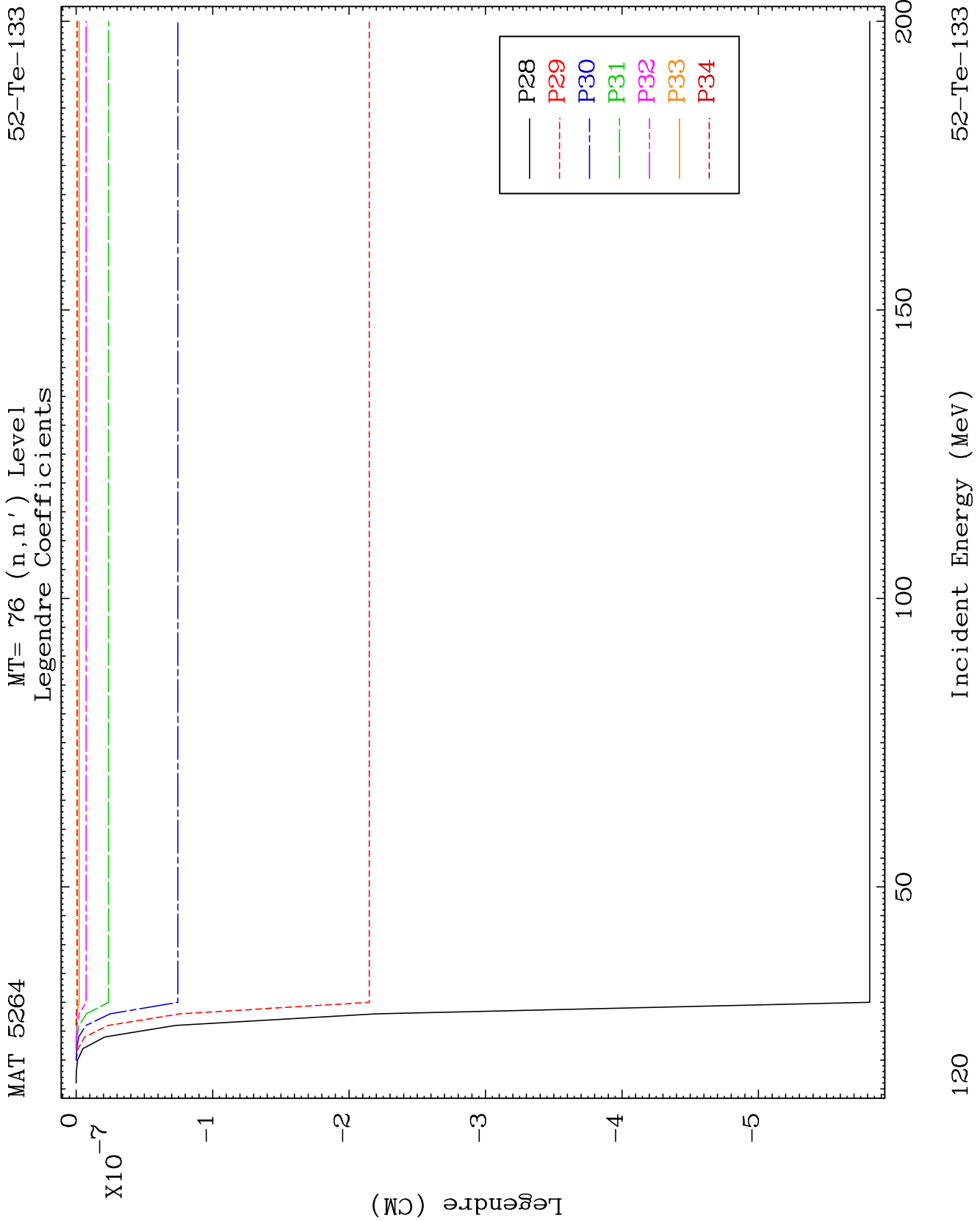
52-Te-133



119

52-Te-133

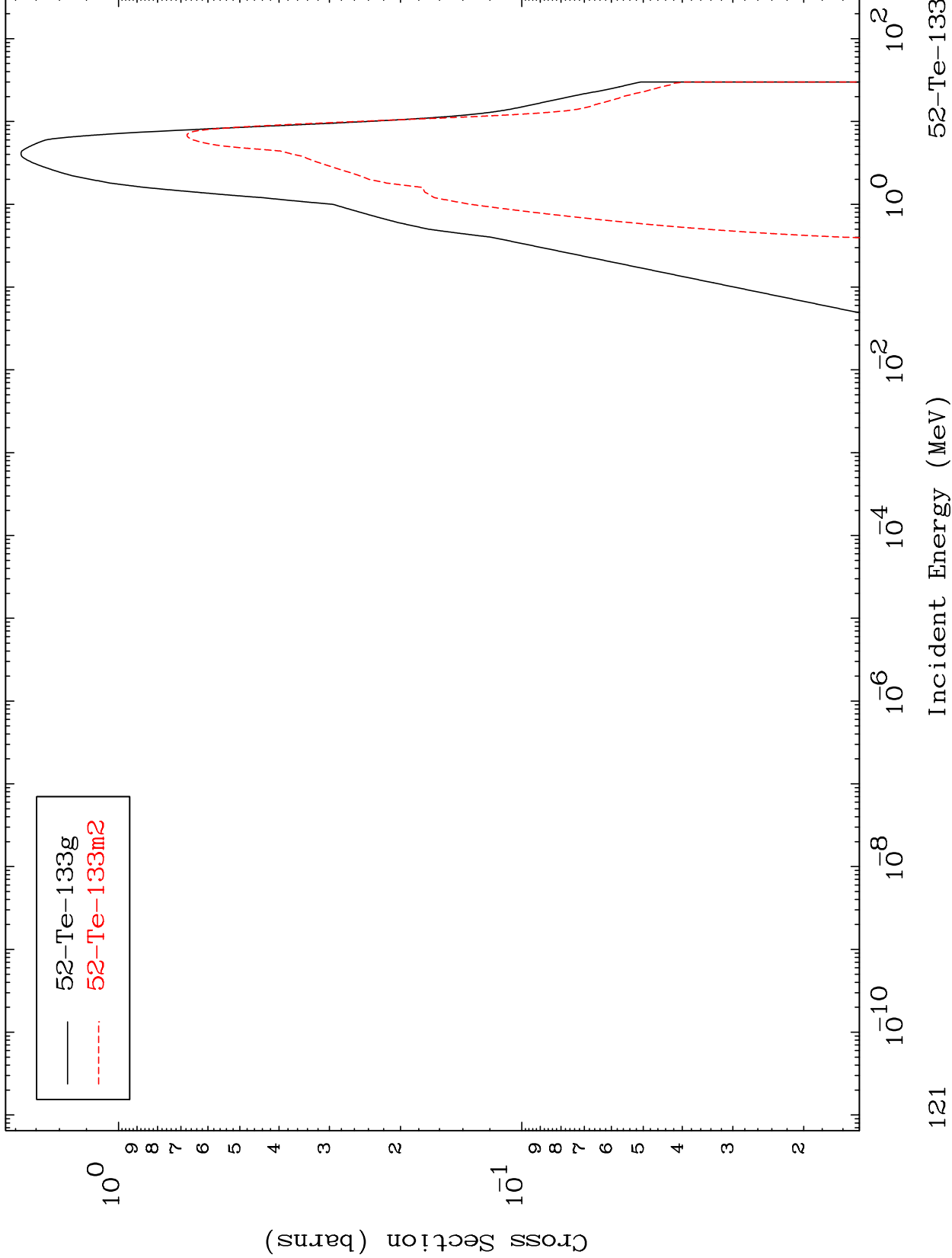




MAT 5264

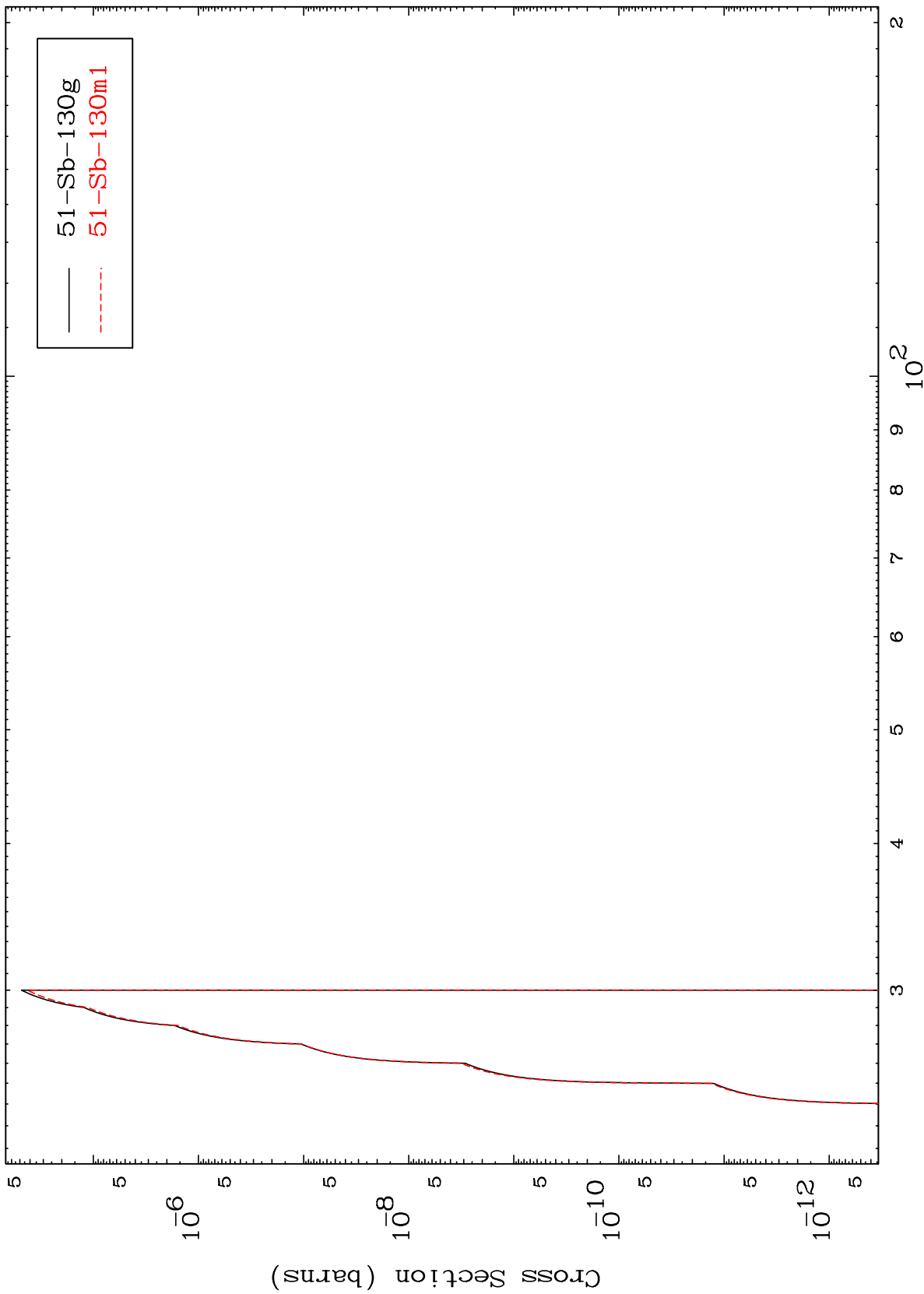
Inelastic  
Radionuclide Production Cross Section

52-Te-133



52-Te-133

Radionuclide Production Cross Section

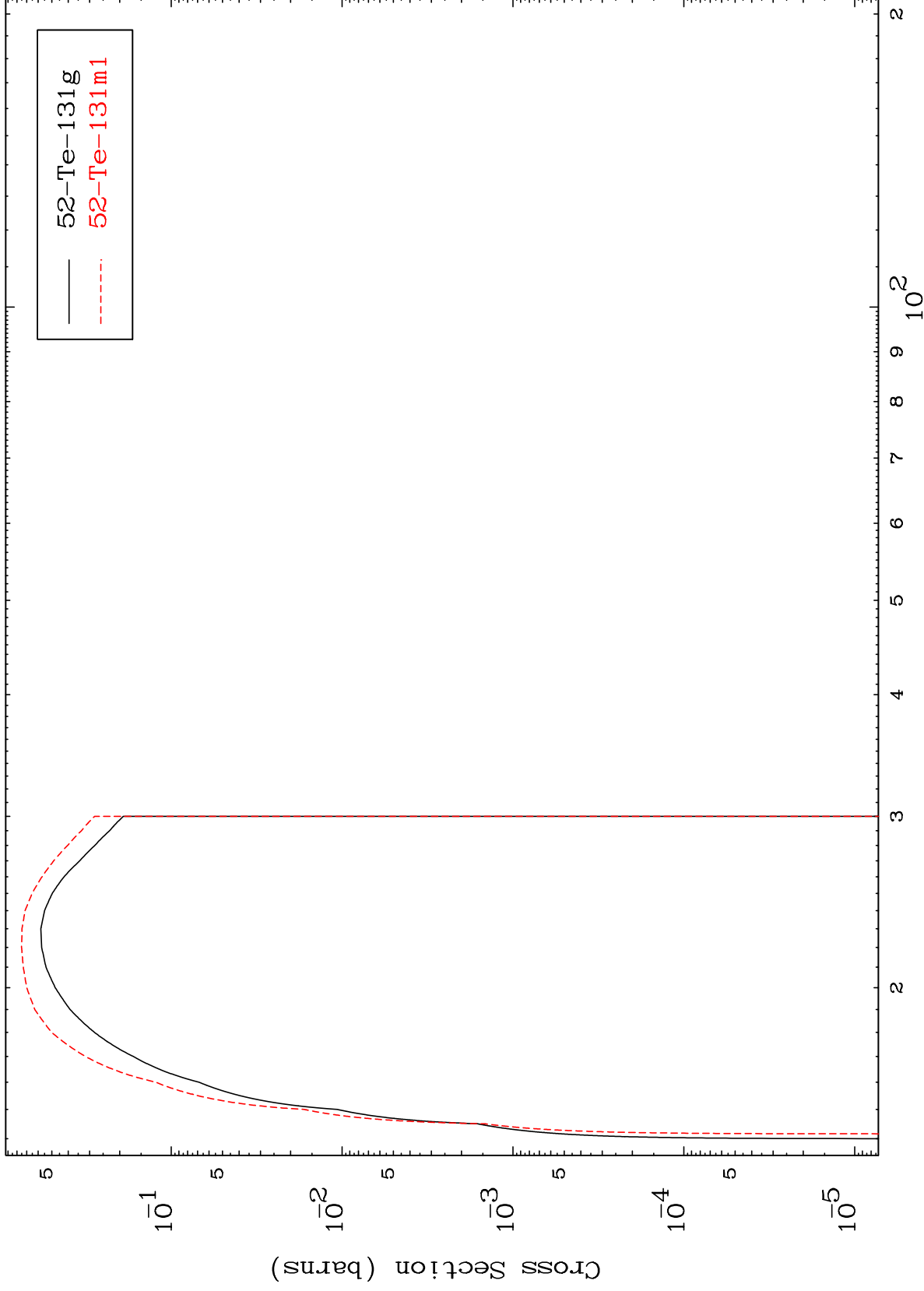


MAT 5264

(n,3n)

52-Te-133

Radionuclide Production Cross Section



123

Incident Energy (MeV)

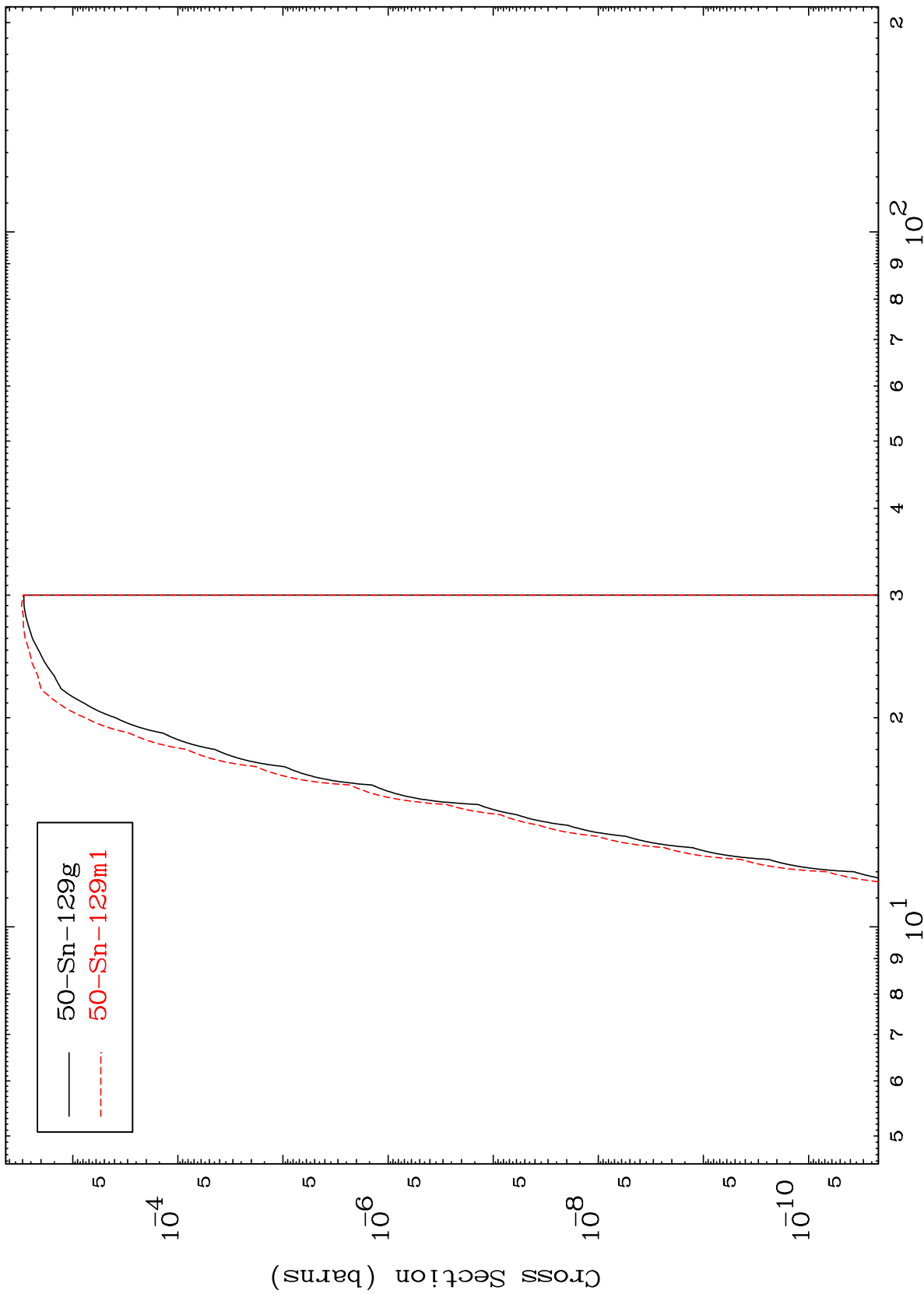
52-Te-133

MAT 5264

52-Te-133

(n,n')  $\alpha$

Radionuclide Production Cross Section



52-Te-133

Incident Energy (MeV)

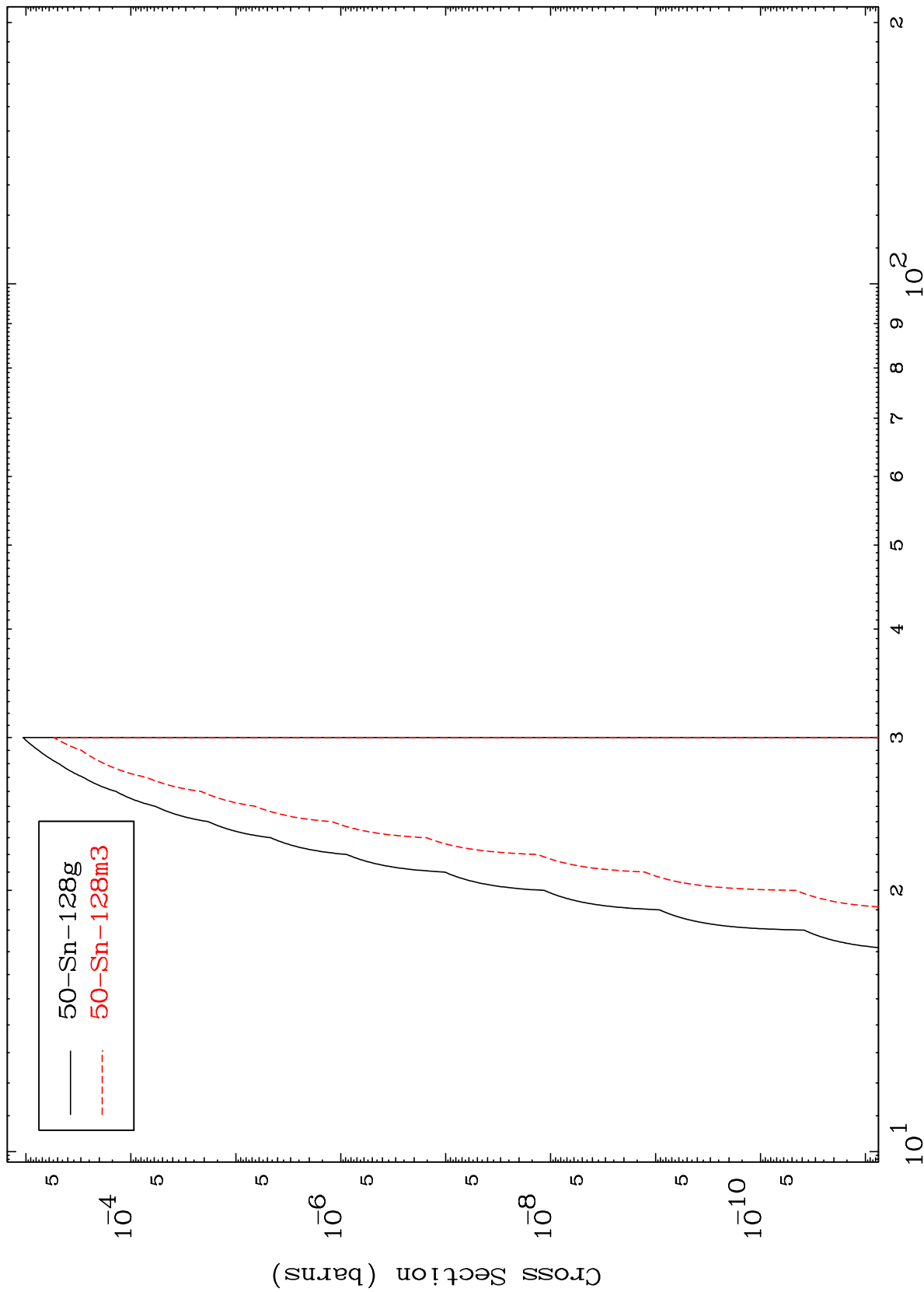
124

MAT 5264

(n,2n)  $\alpha$

52-Te-133

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-133

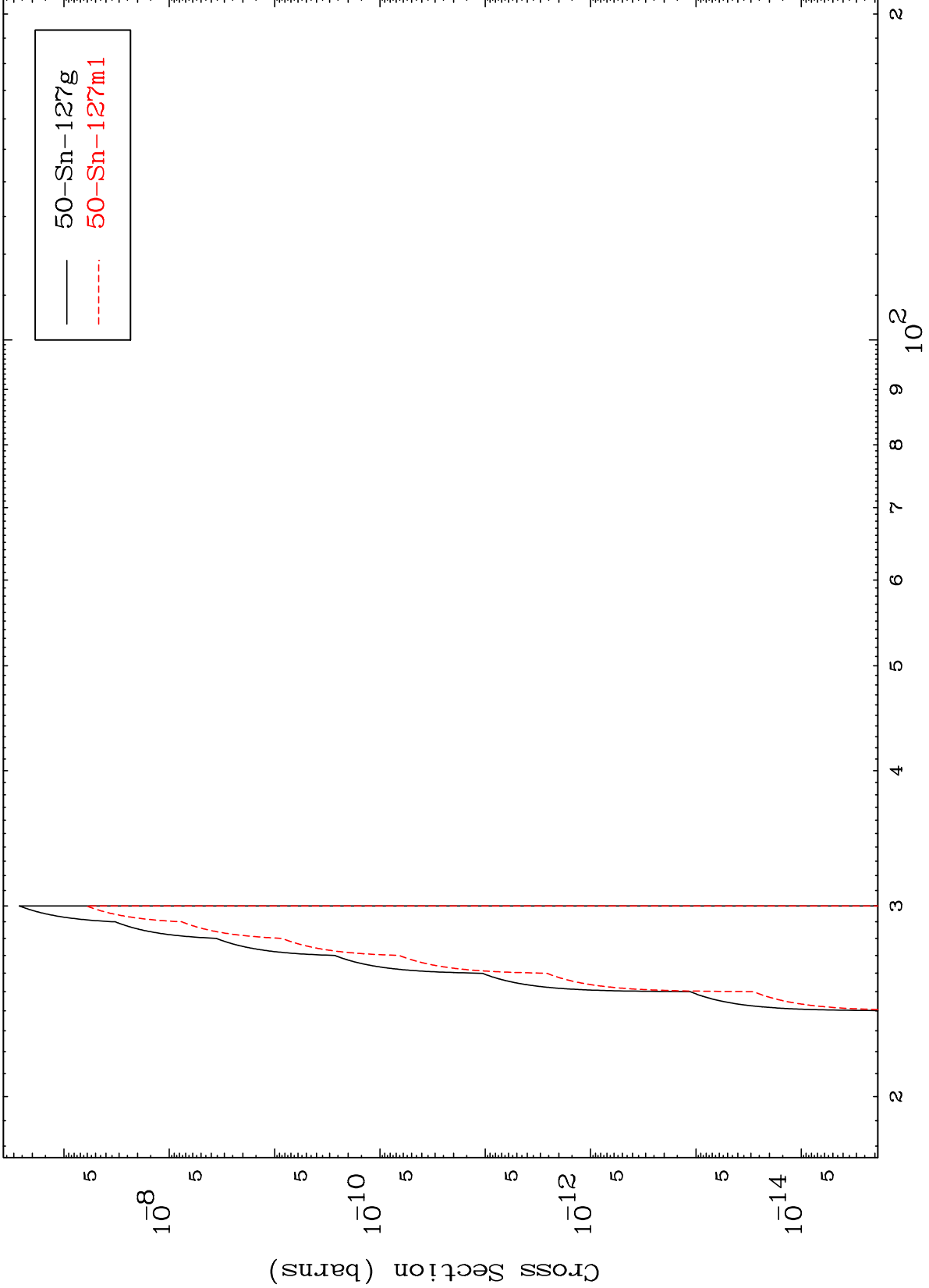
125

MAT 5264

(n,3n)  $\alpha$

52-Te-133

Radionuclide Production Cross Section

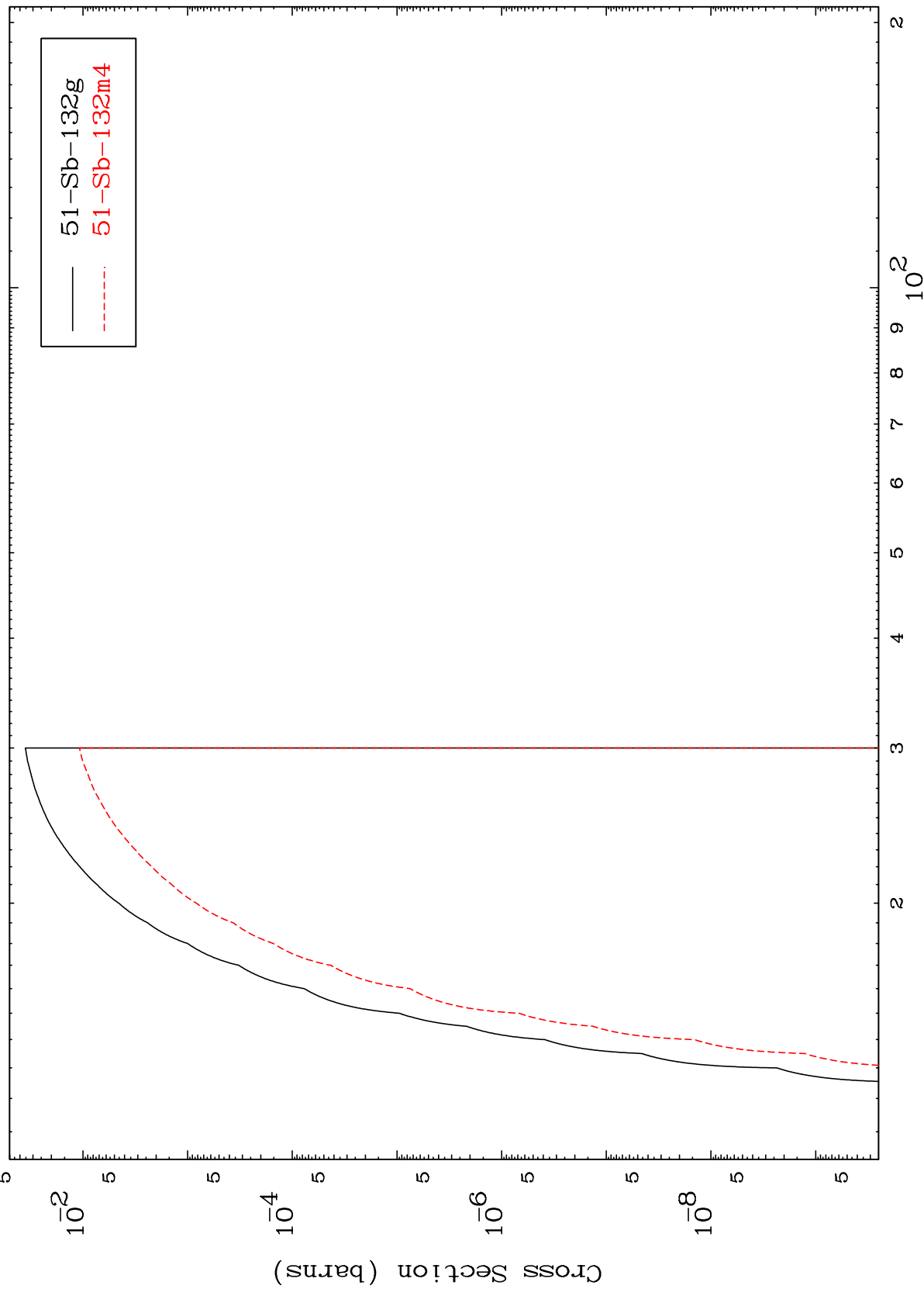


126

Incident Energy (MeV)

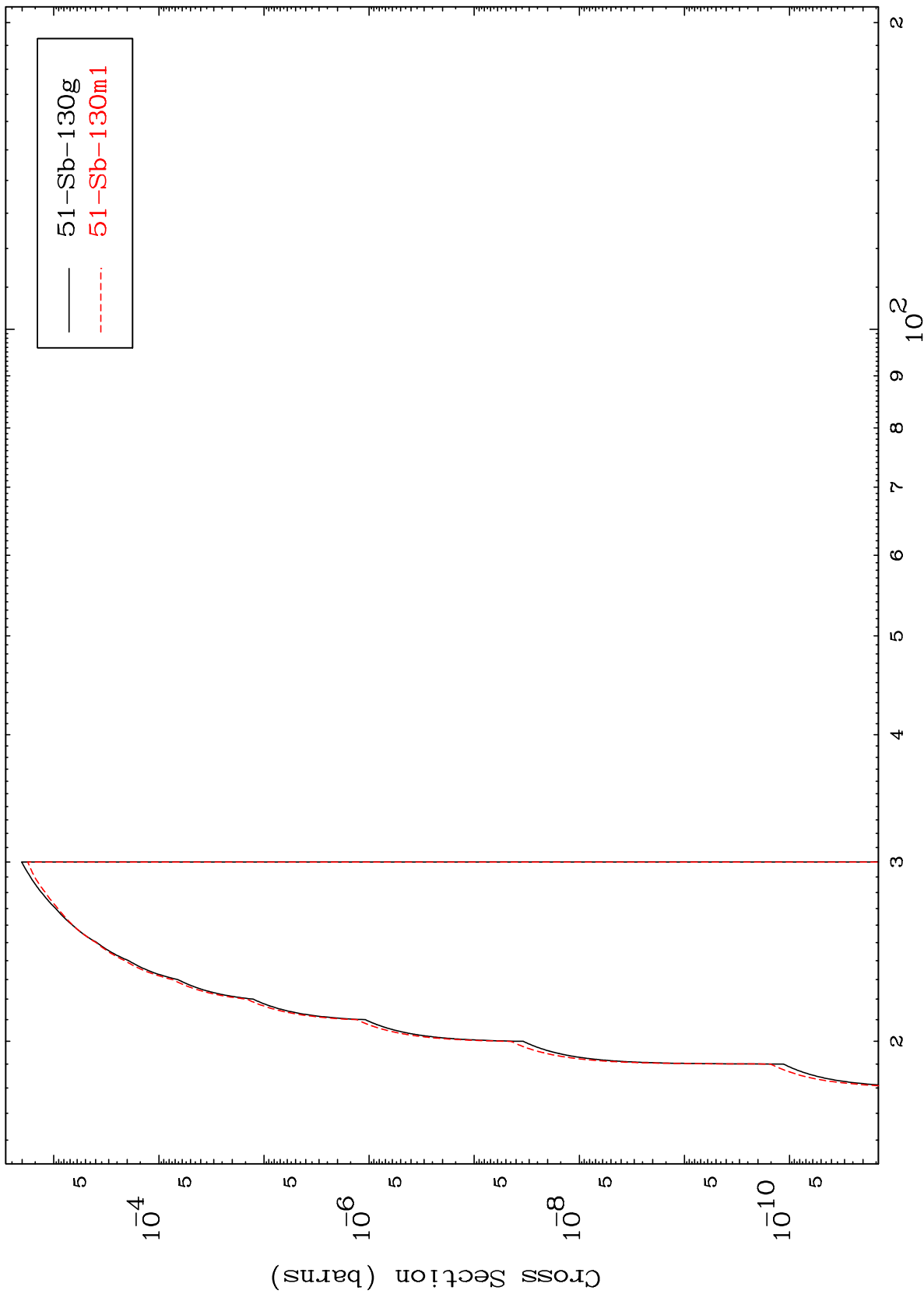
52-Te-133

Radionuclide Production Cross Section





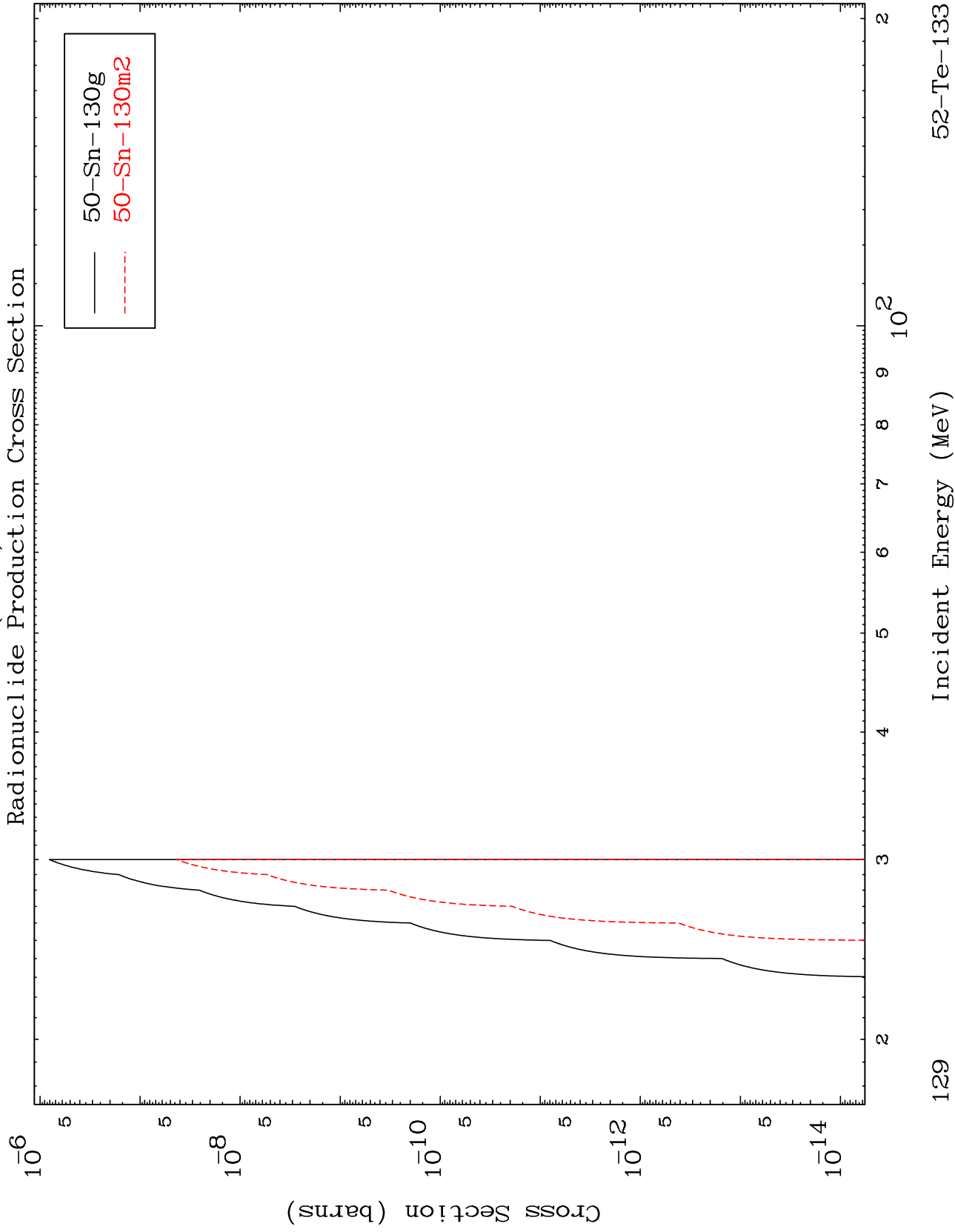
Radionuclide Production Cross Section



MAT 5264

(n,n') He-3

52-Te-133



129

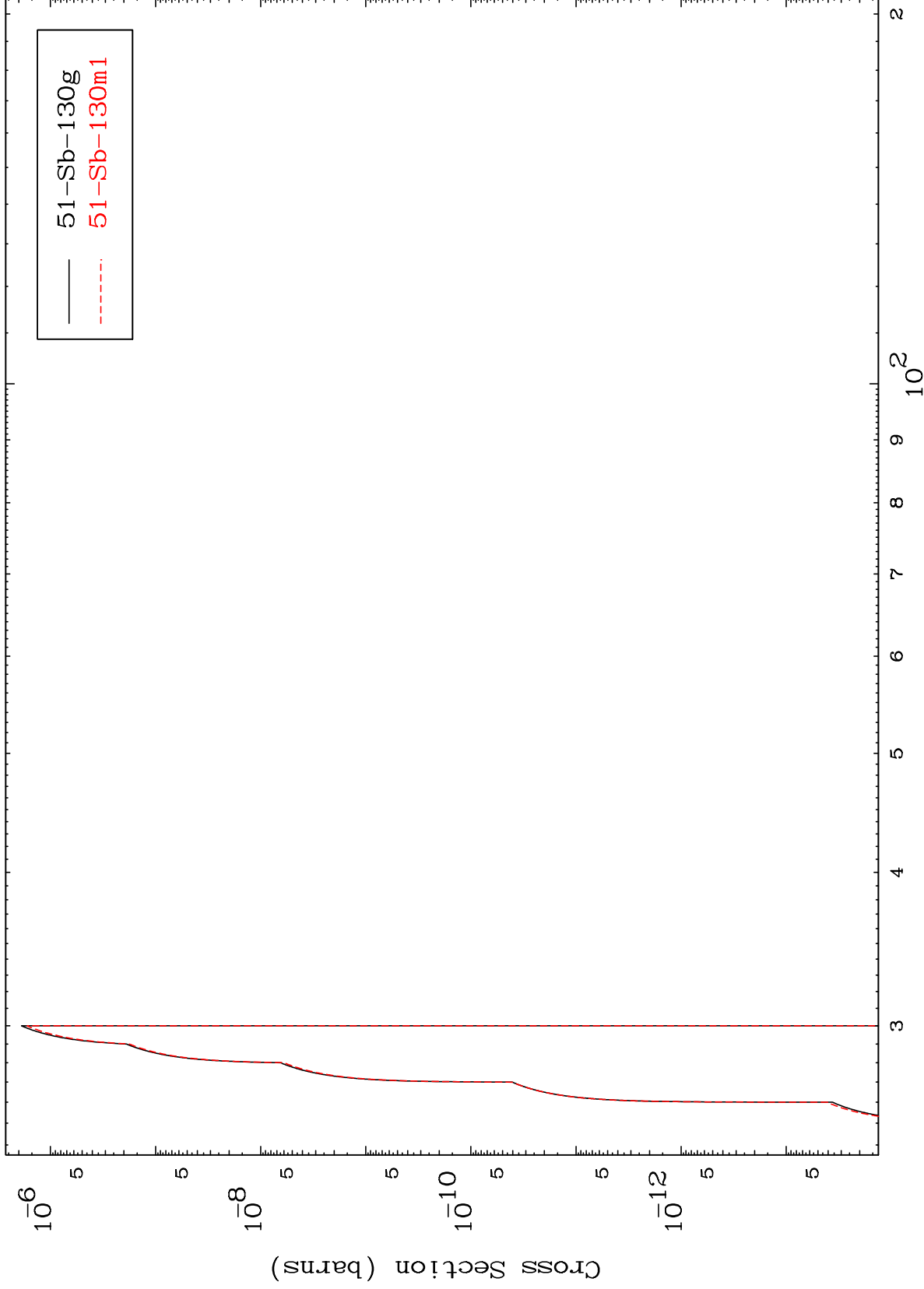
52-Te-133

MAT 5264

(n,3n) p

52-Te-133

Radionuclide Production Cross Section



130

Incident Energy (MeV)

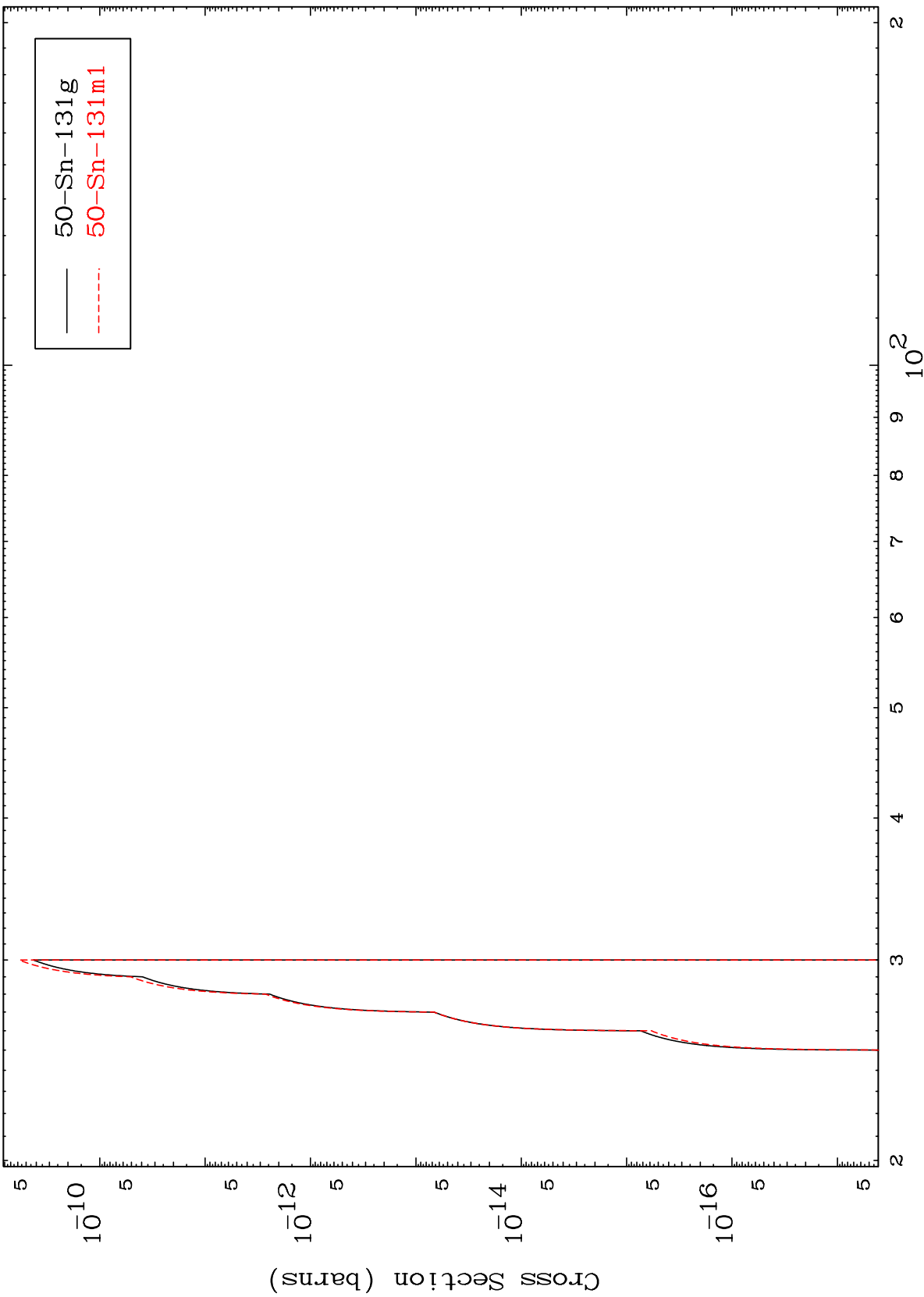
52-Te-133

MAT 5264

(n,2n) p

52-Te-133

Radionuclide Production Cross Section

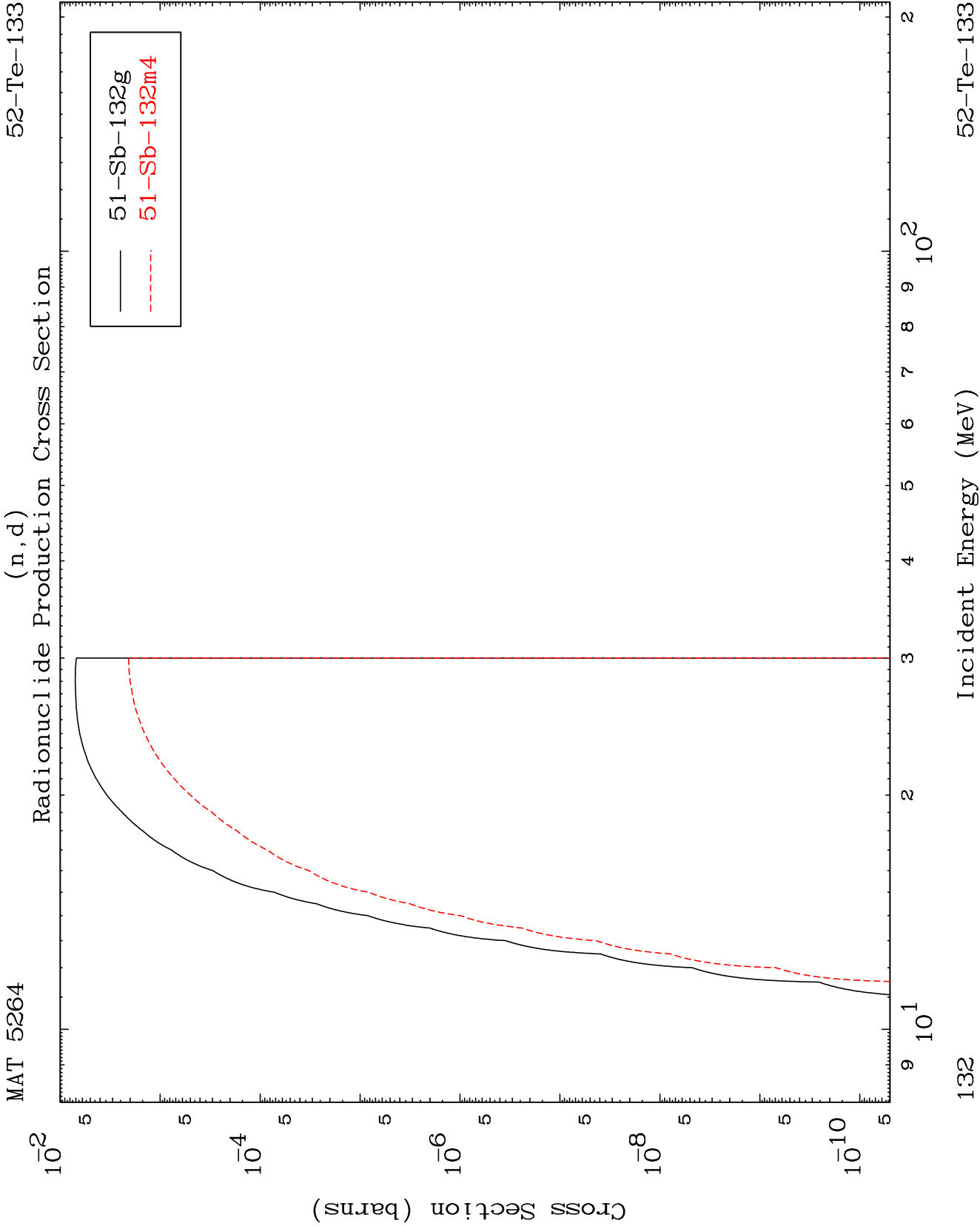


50-Sn-131g  
50-Sn-131m1

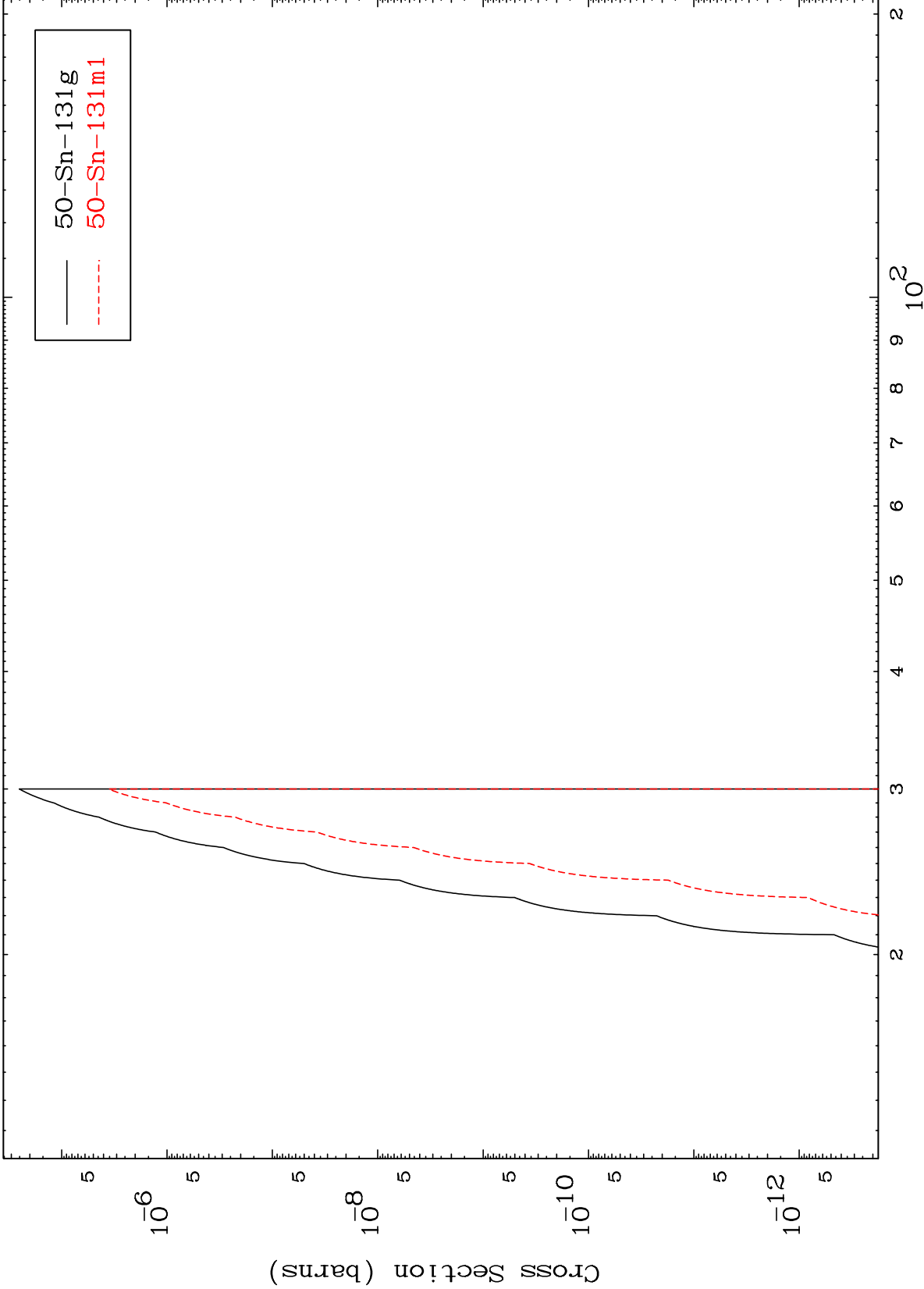
131

Incident Energy (MeV)

52-Te-133



Radionuclide Production Cross Section



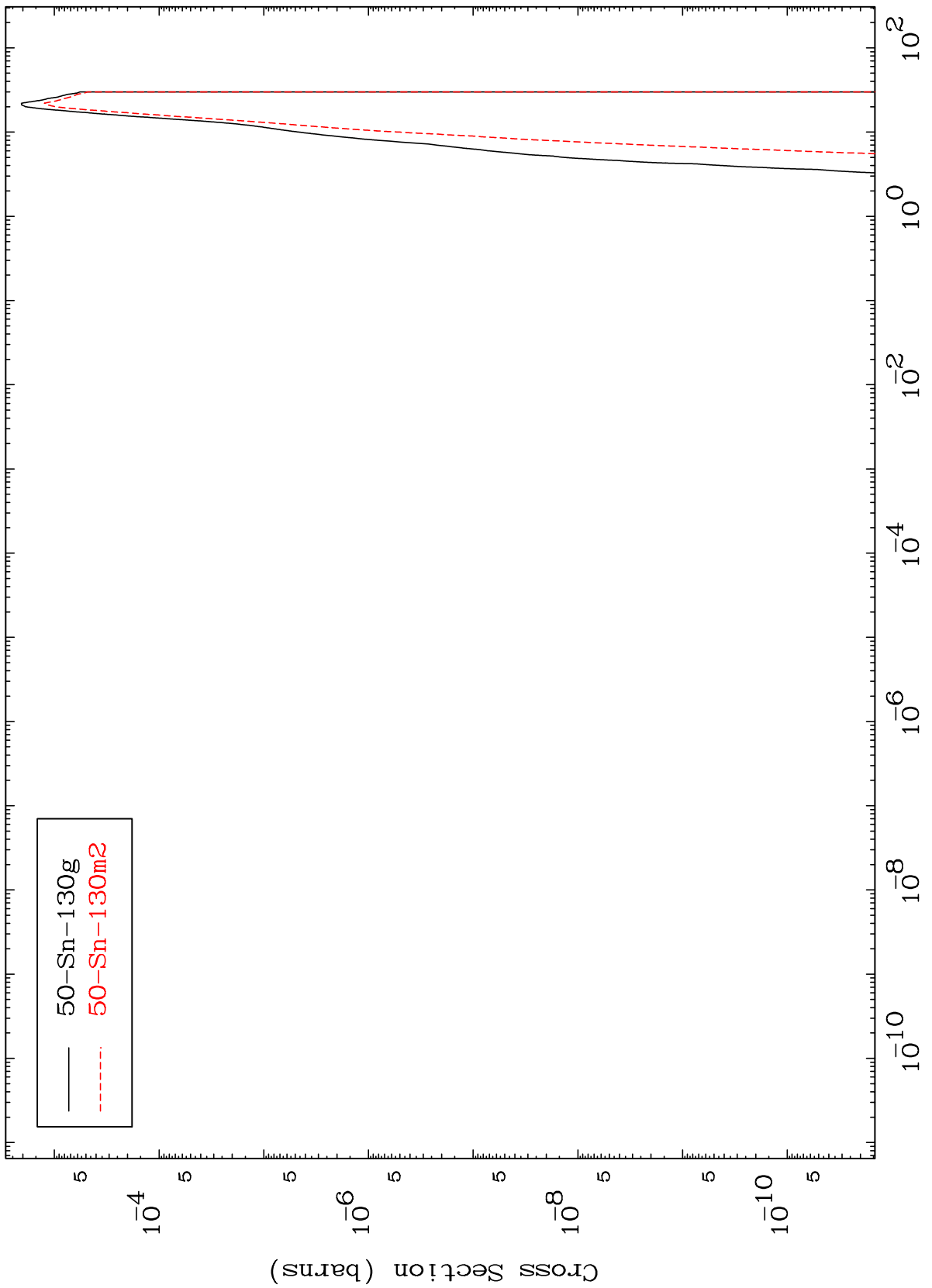
50-Sn-131g  
50-Sn-131m1

MAT 5264

(n,  $\alpha$ )

52-Te-133

Radionuclide Production Cross Section



134

Incident Energy (MeV)

52-Te-133