

Program EVALPLOT  
(Version 2017-1)

by

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(Present Contact Information)

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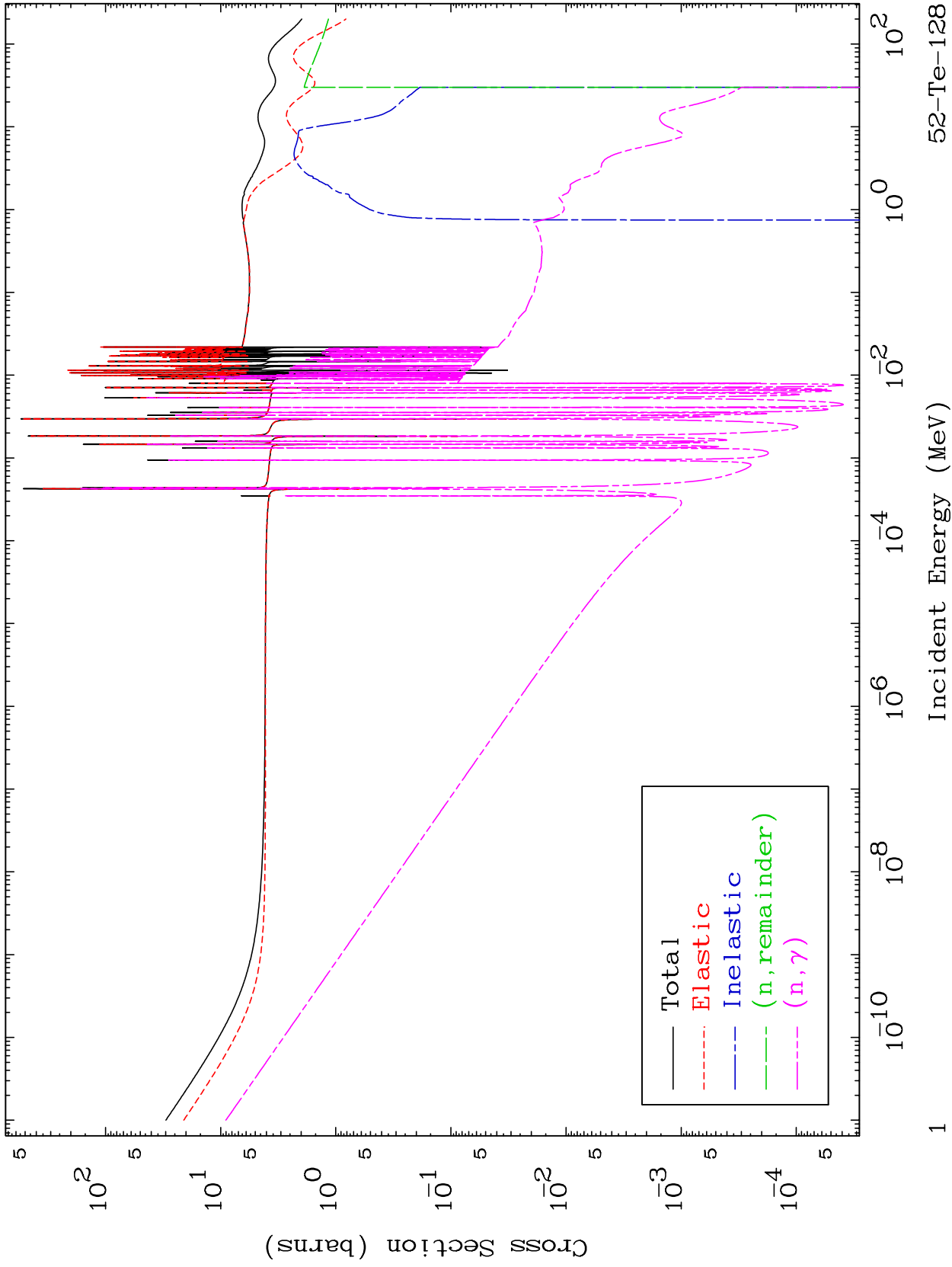
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Press Mouse Button to Start

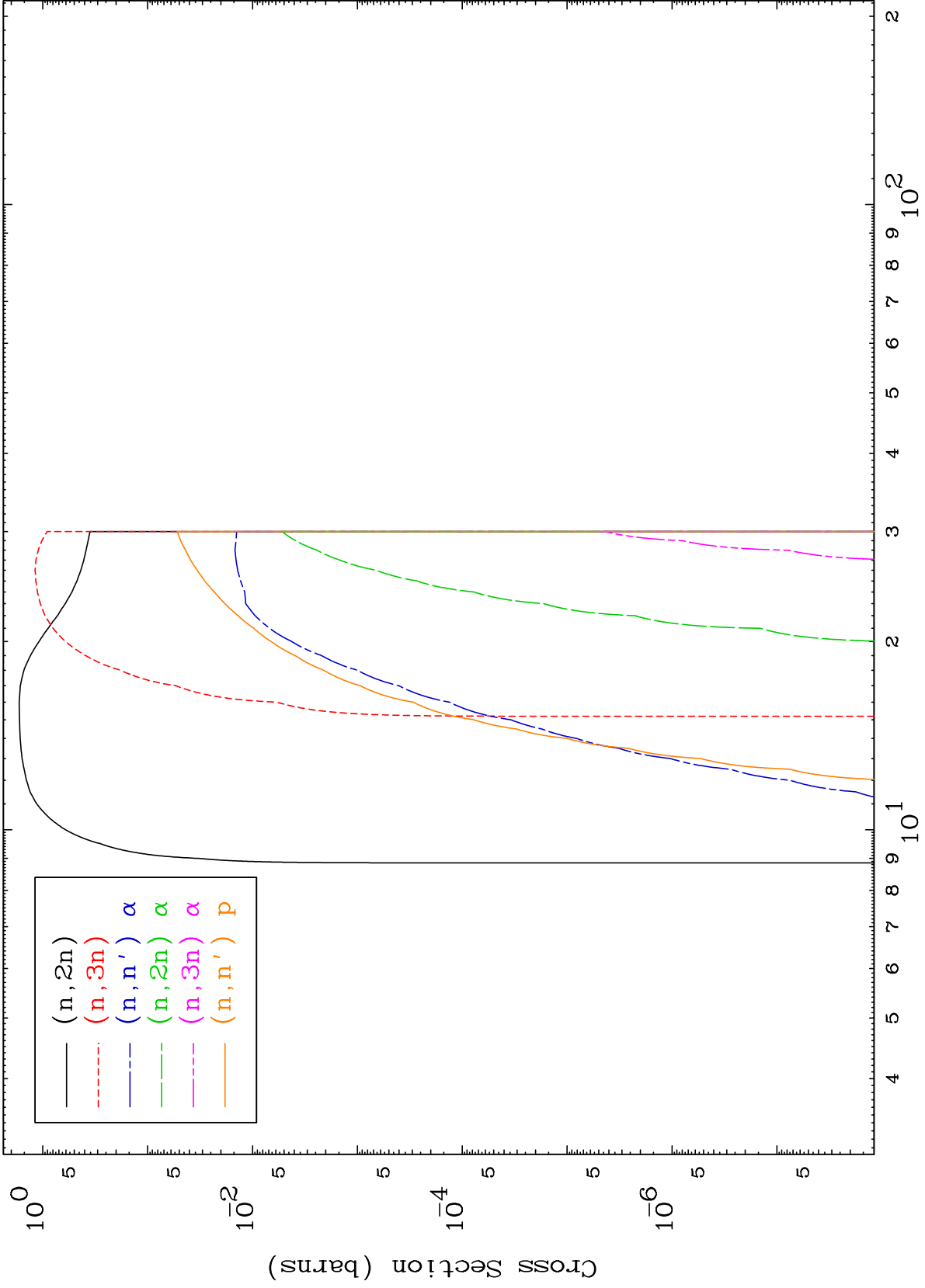
MAT 5249

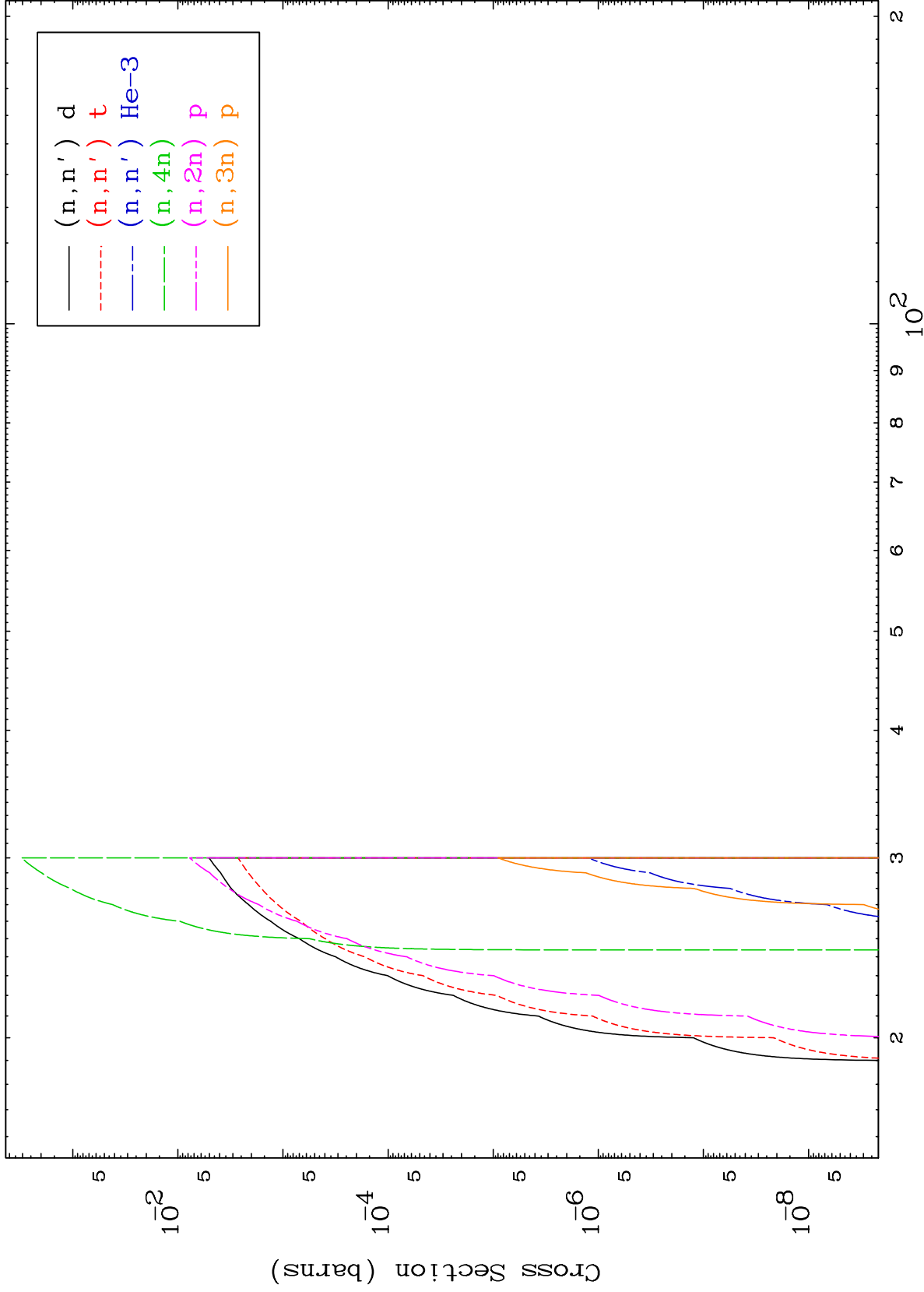
Major  
293 Kelvin Cross Sections

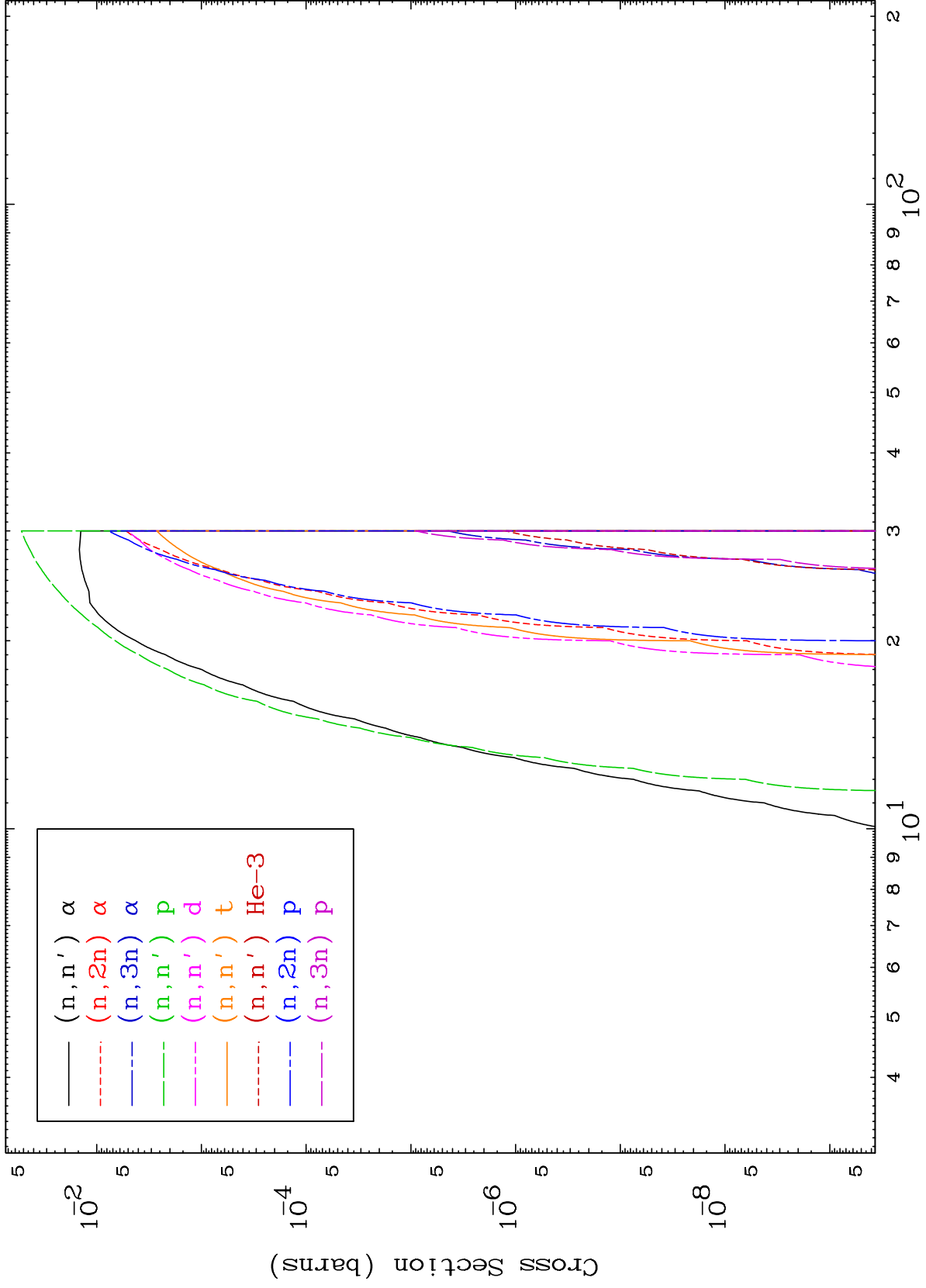
52-Te-128



Neutron Production  
293 Kelvin Cross Sections



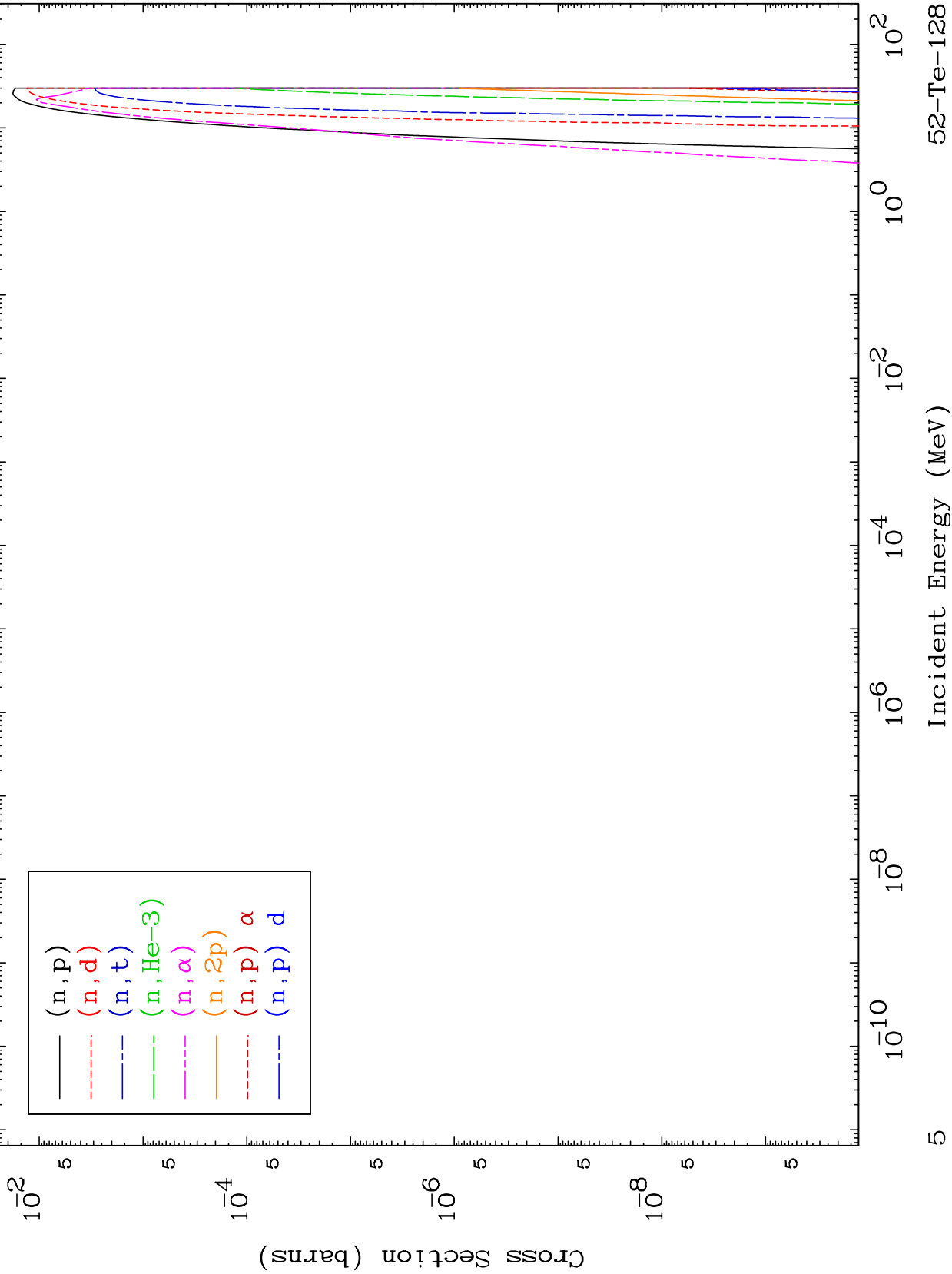




MAT 5249

Charged Particle  
293 Kelvin Cross Sections

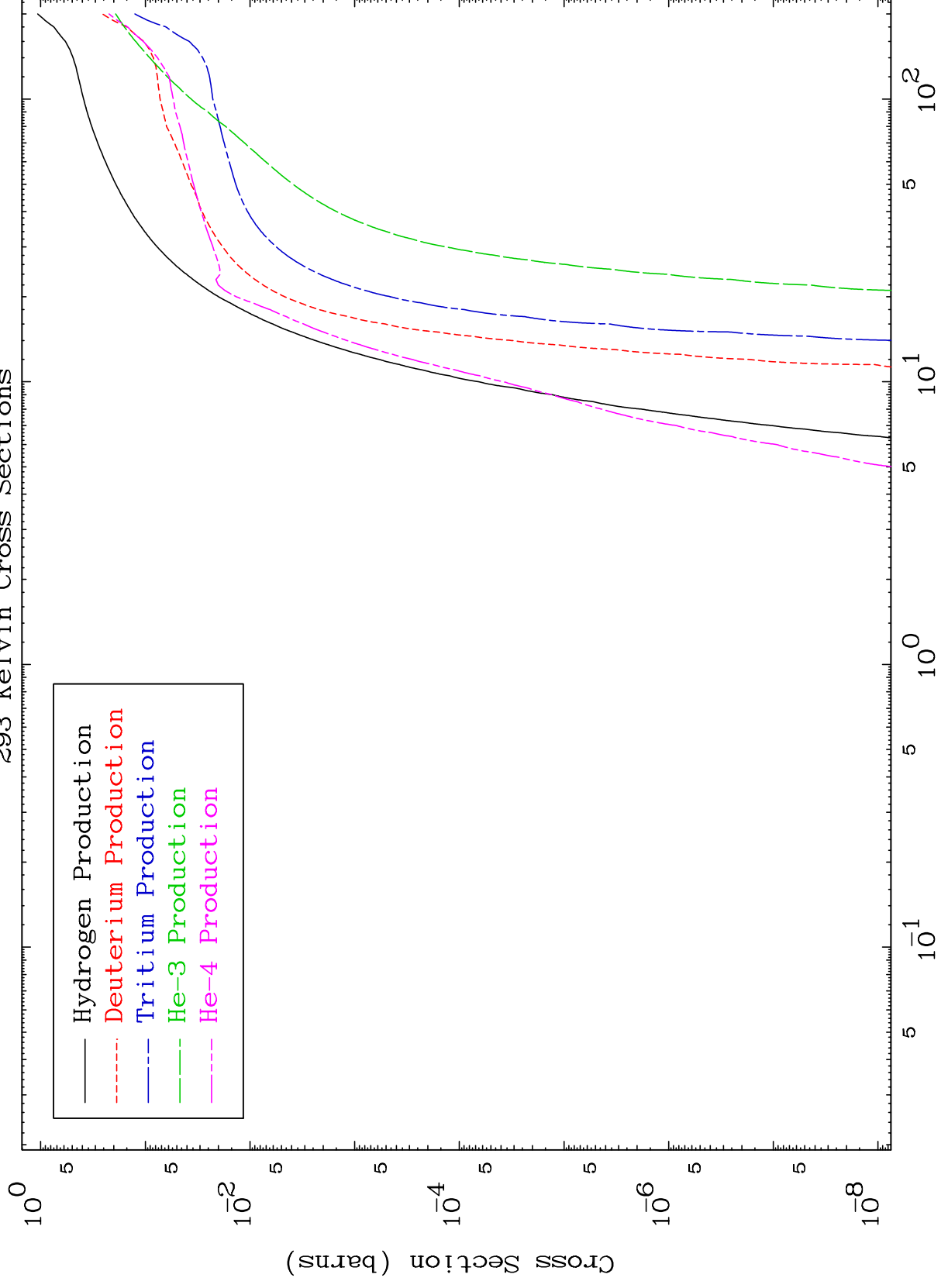
52-Te-128



MAT 5249

Particle Production  
293 Kelvin Cross Sections

52-Te-128



6

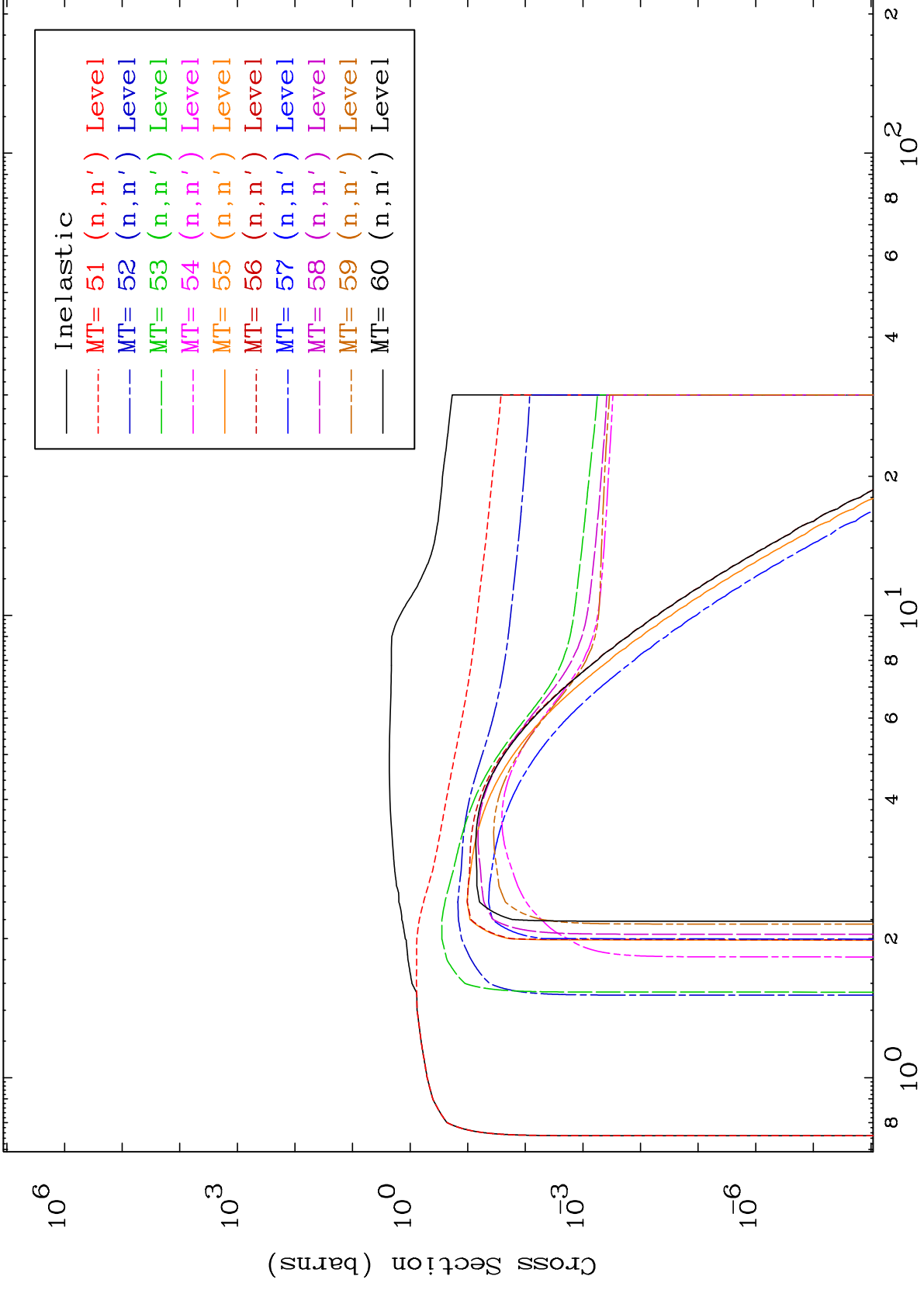
52-Te-128

MAT 5249

(n,n') Level

52-Te-128

293 Kelvin Cross Sections



Incident Energy (MeV)

52-Te-128

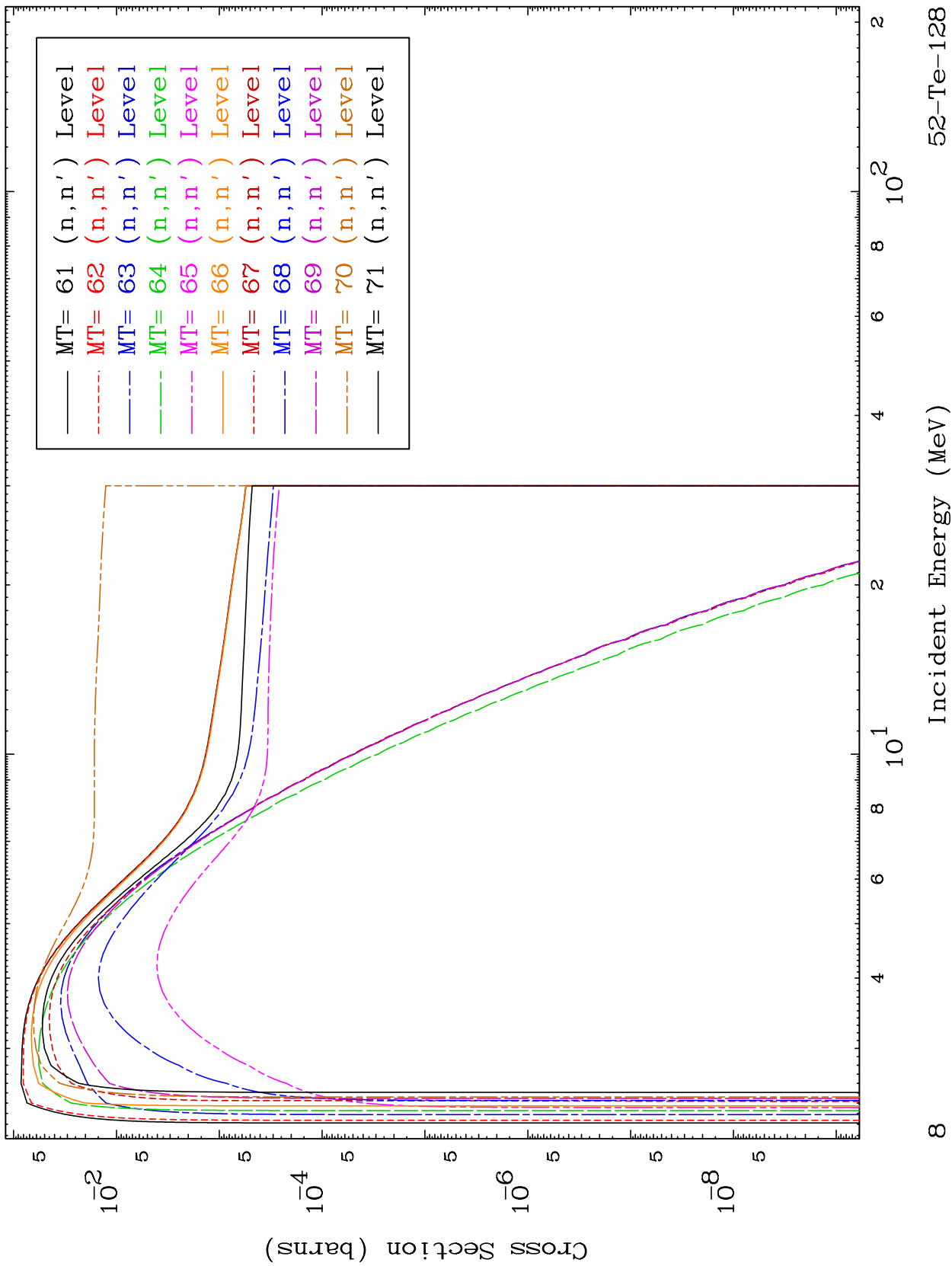


MAT 5249

(n,n') Level

52-Te-128

293 Kelvin Cross Sections

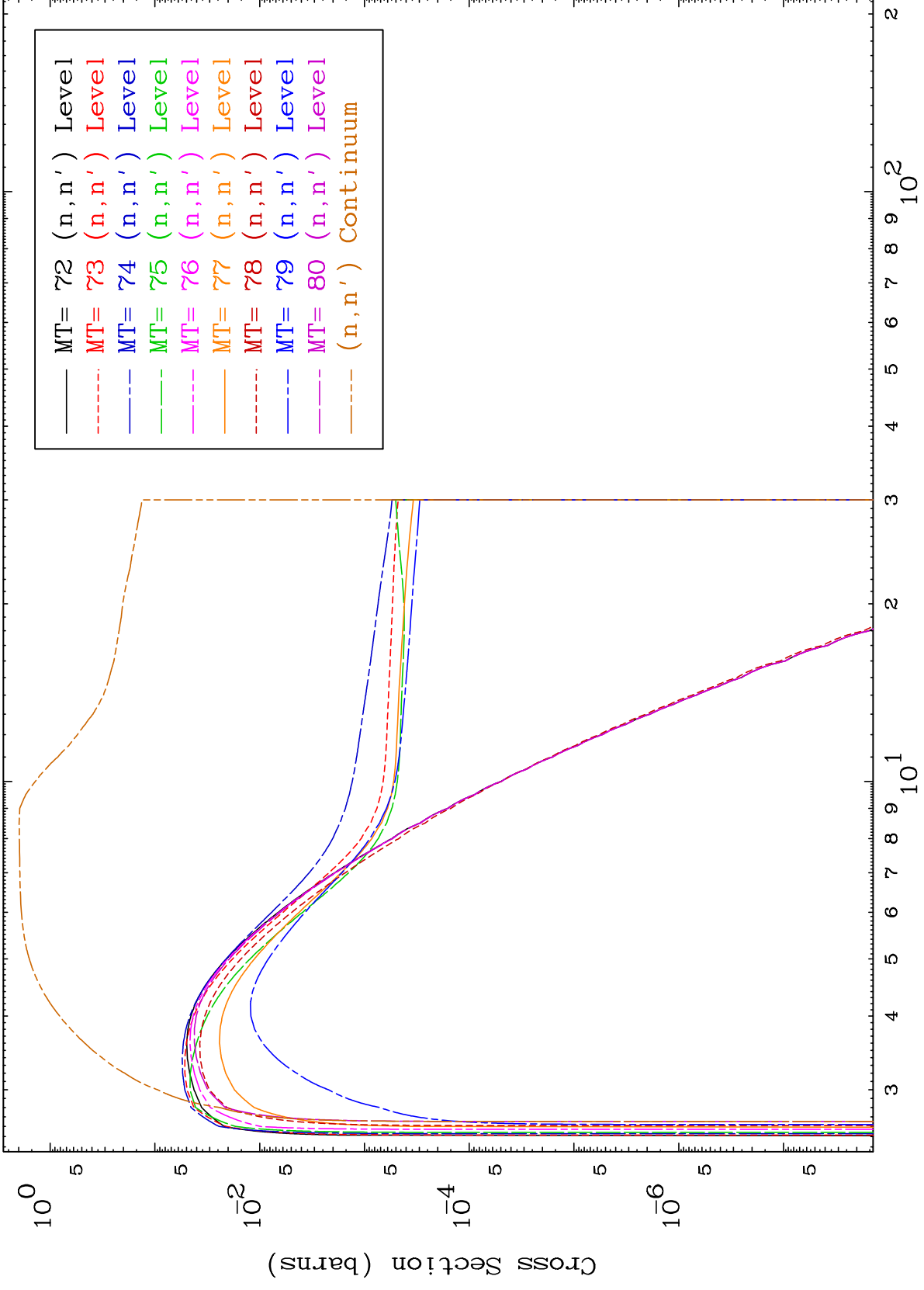


8

Incident Energy (MeV)

52-Te-128

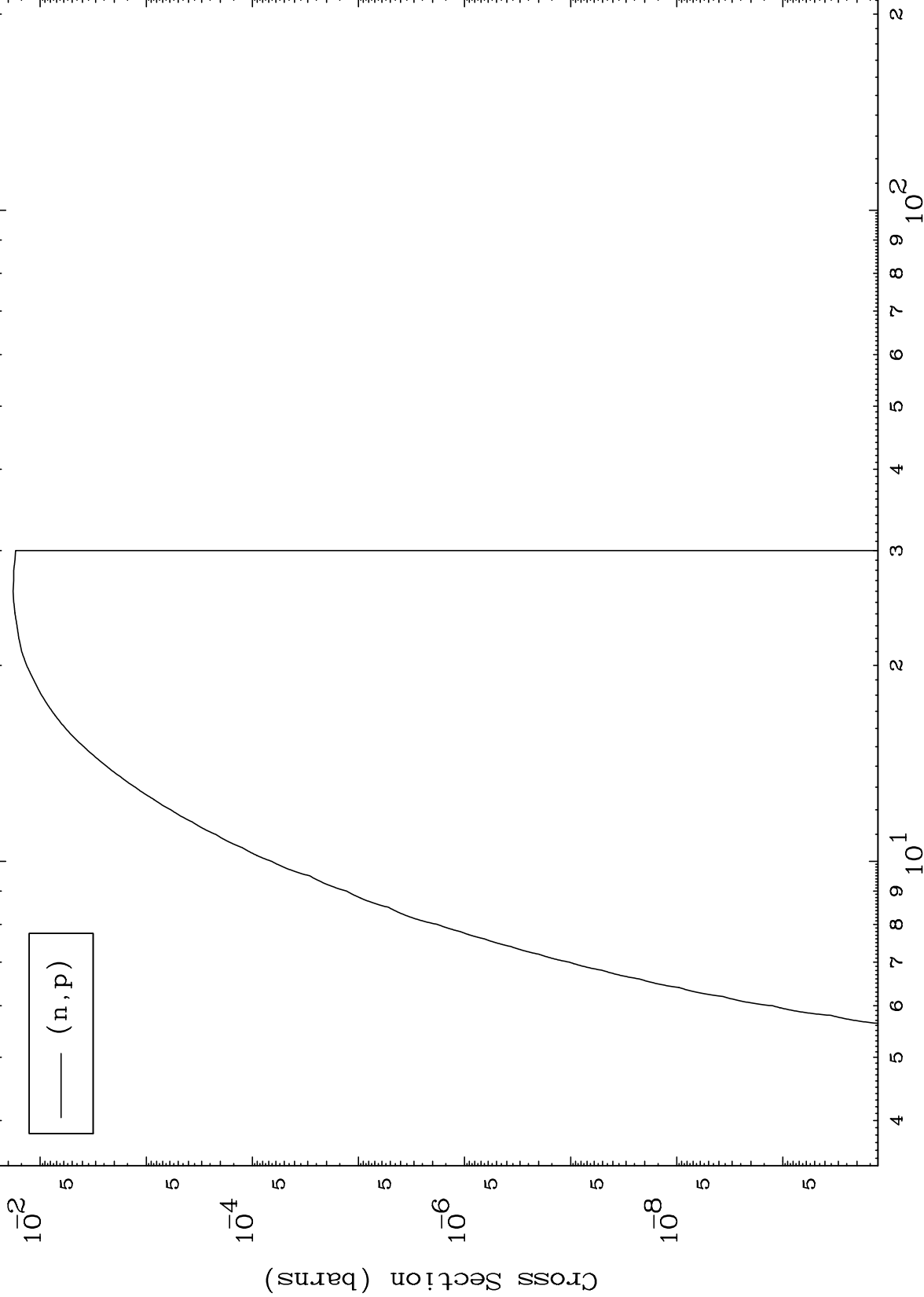
293 Kelvin Cross Sections



MAT 5249

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-128



10

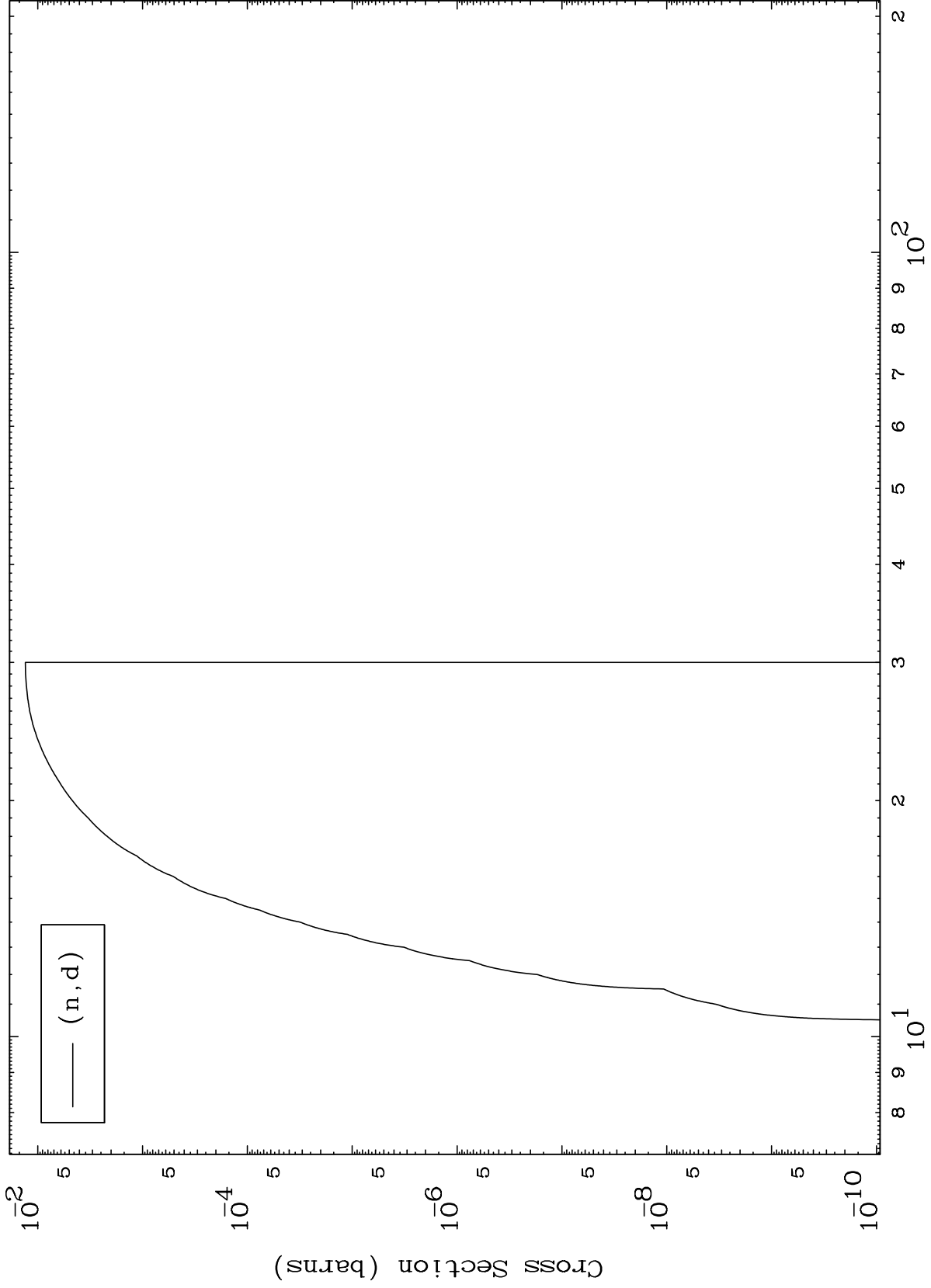
Incident Energy (MeV)

52-Te-128

MAT 5249

(n,d) Levels  
293 Kelvin Cross Sections

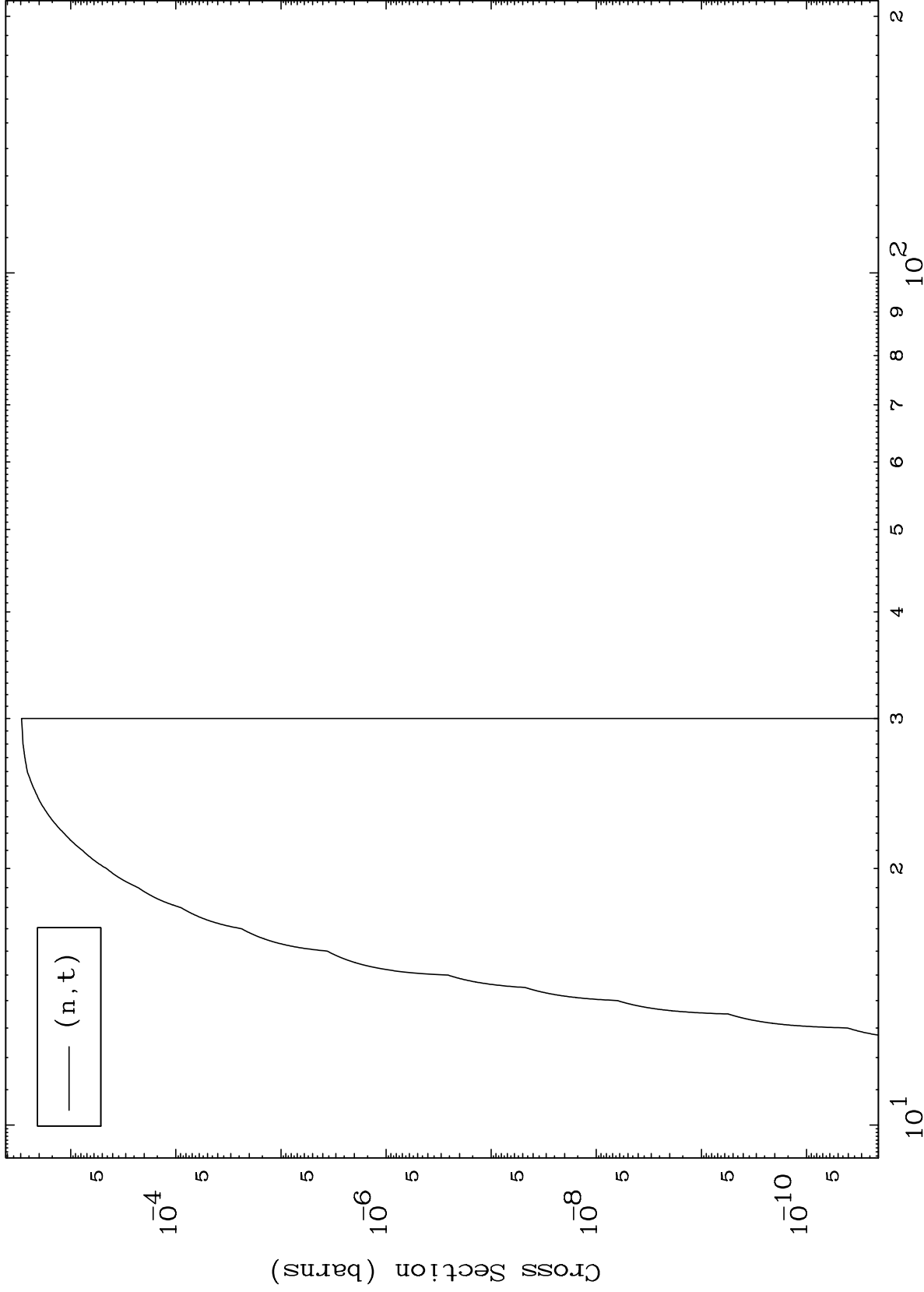
52-Te-128



MAT 5249

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-128



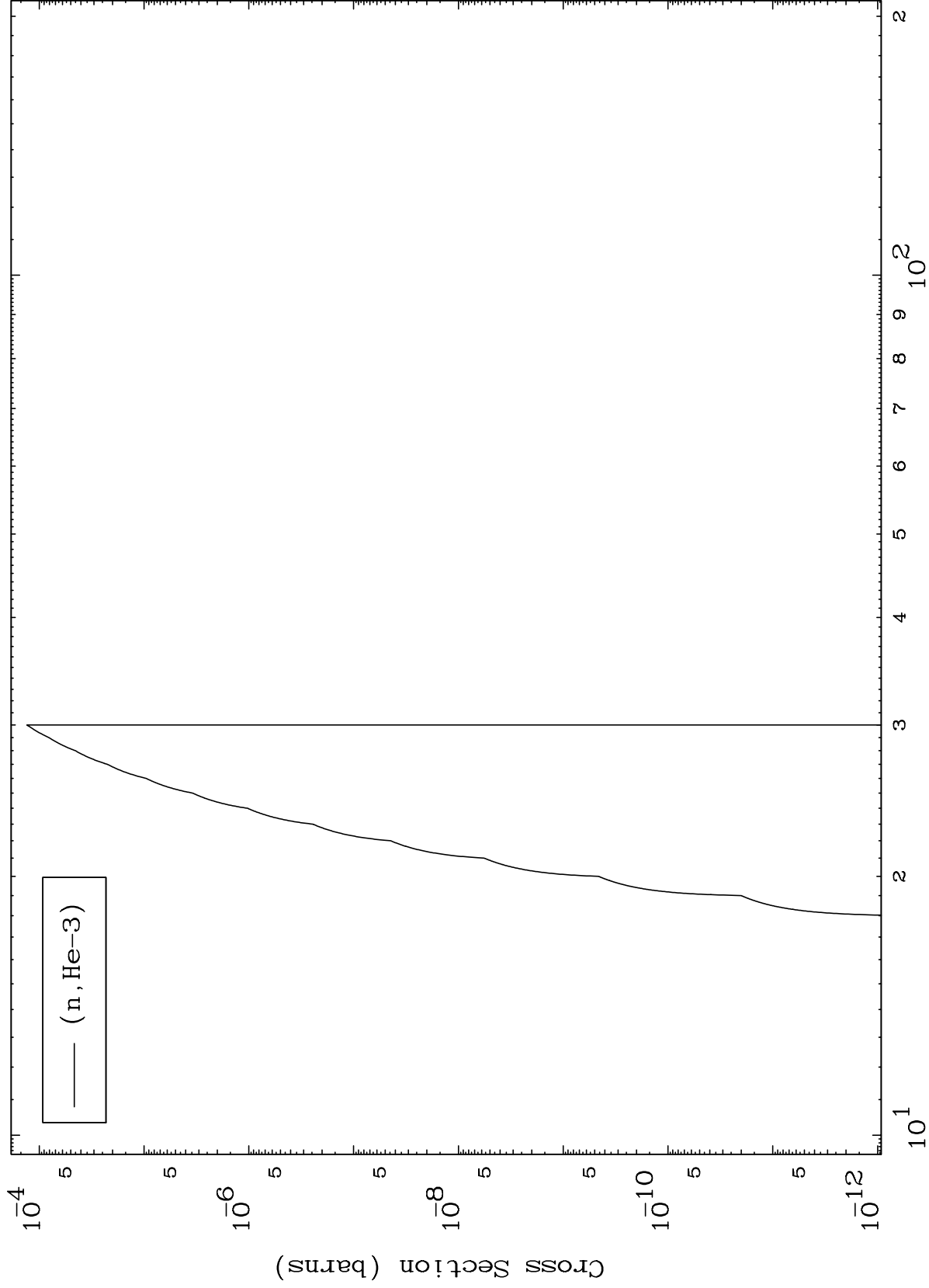
Incident Energy (MeV)

52-Te-128

MAT 5249

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-128



Incident Energy (MeV)

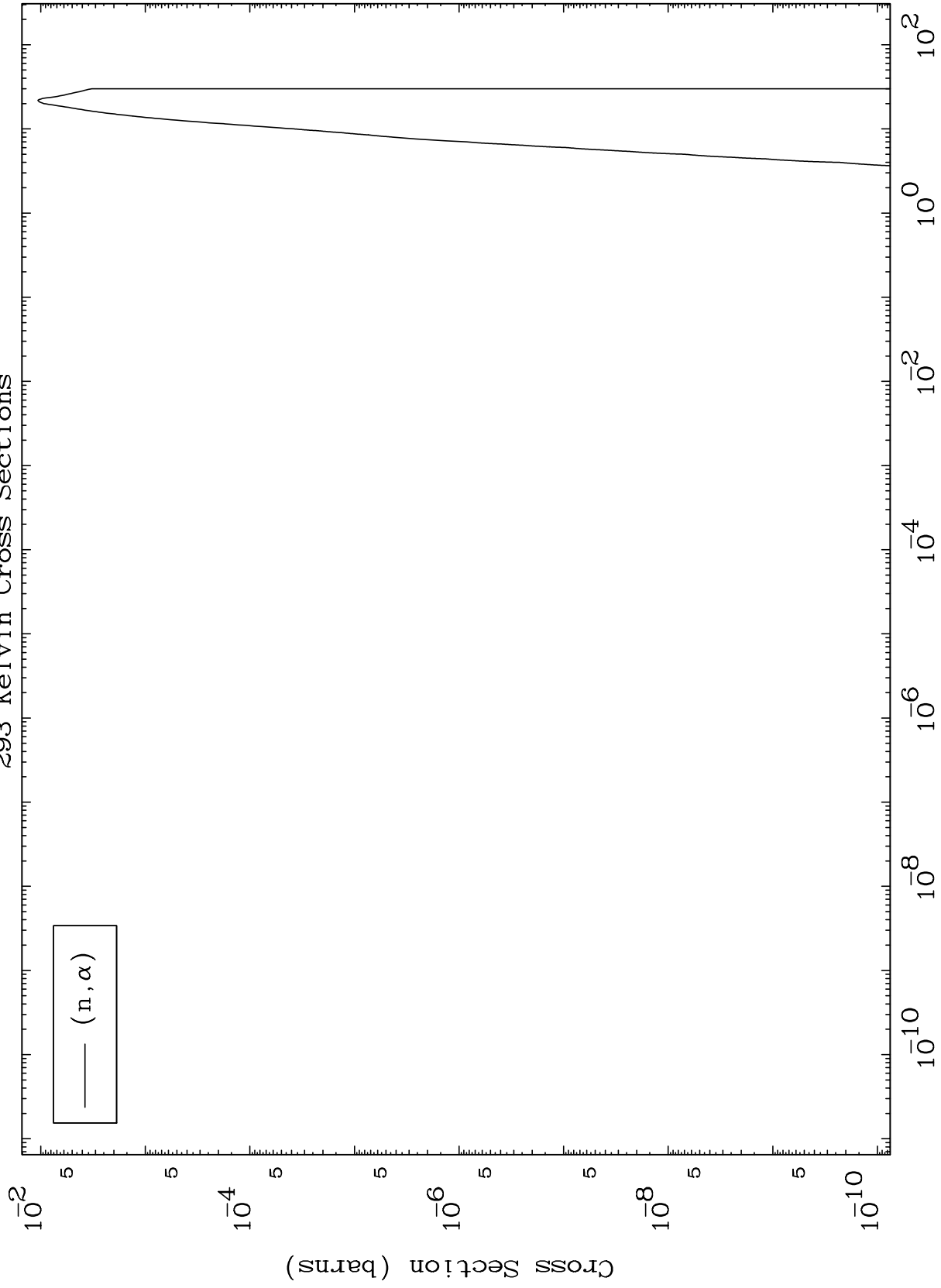
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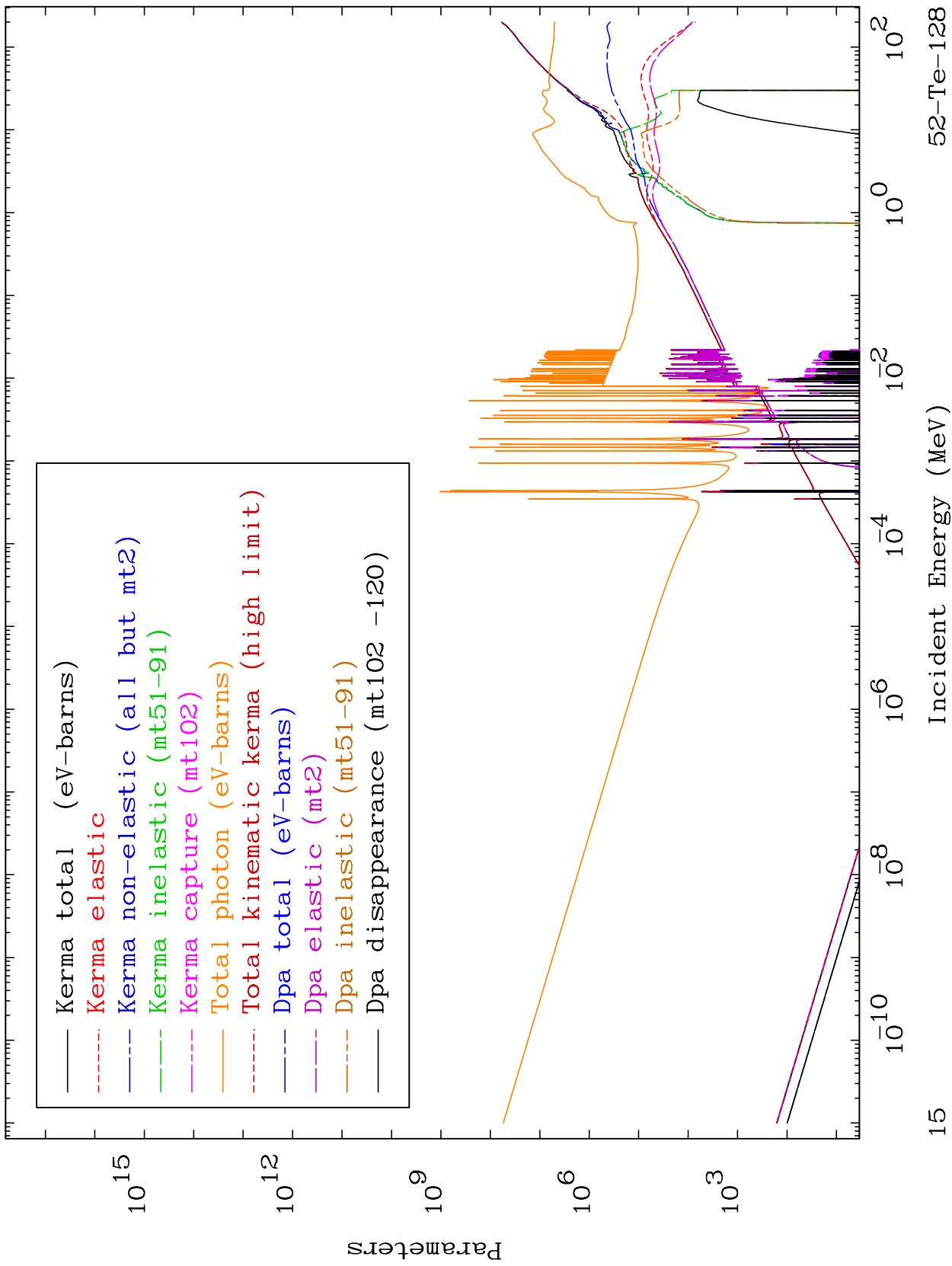
13

MAT 5249

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

52-Te-128



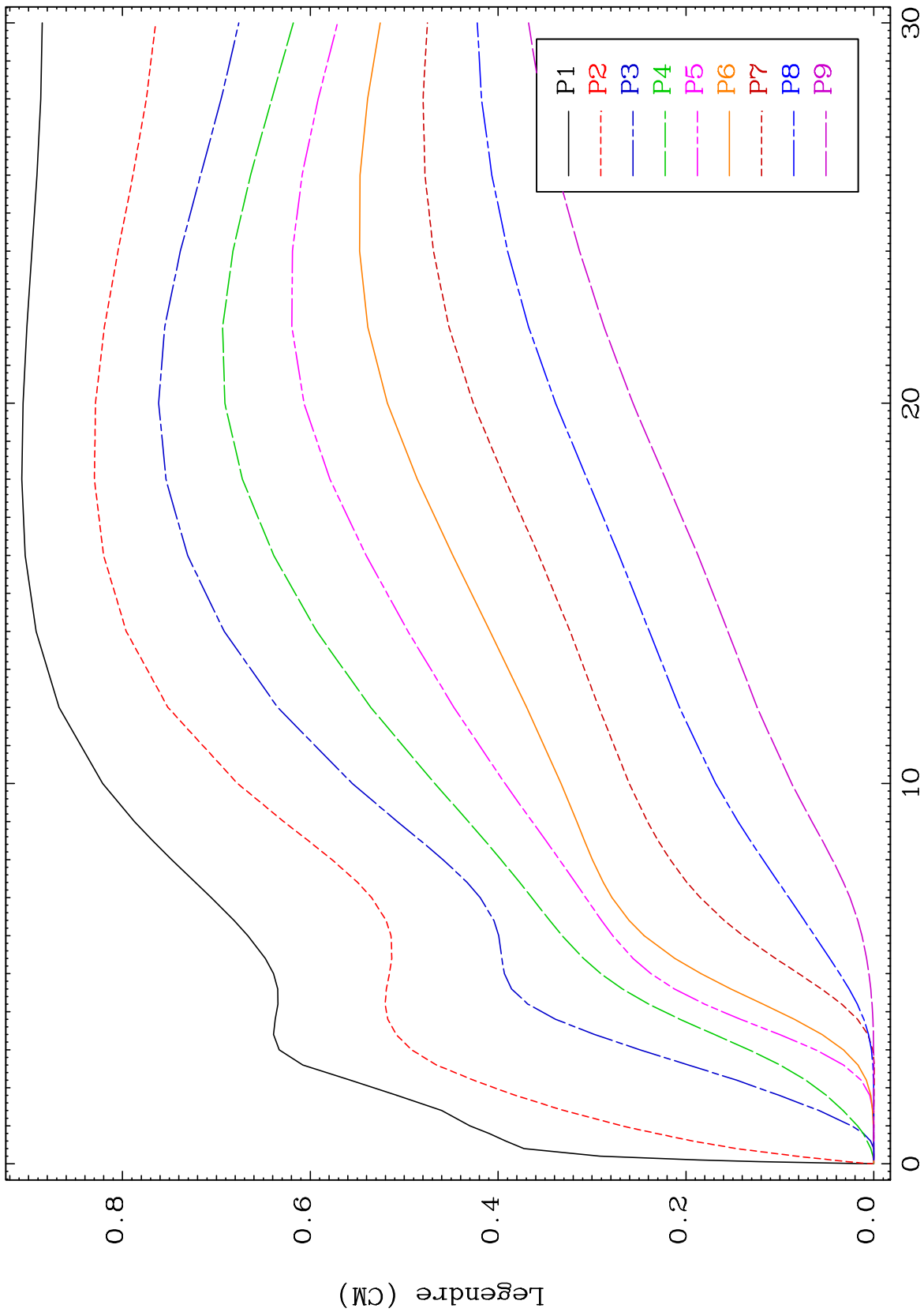




MAT 5249

52-Te-128

Elastic Legendre Coefficients



16

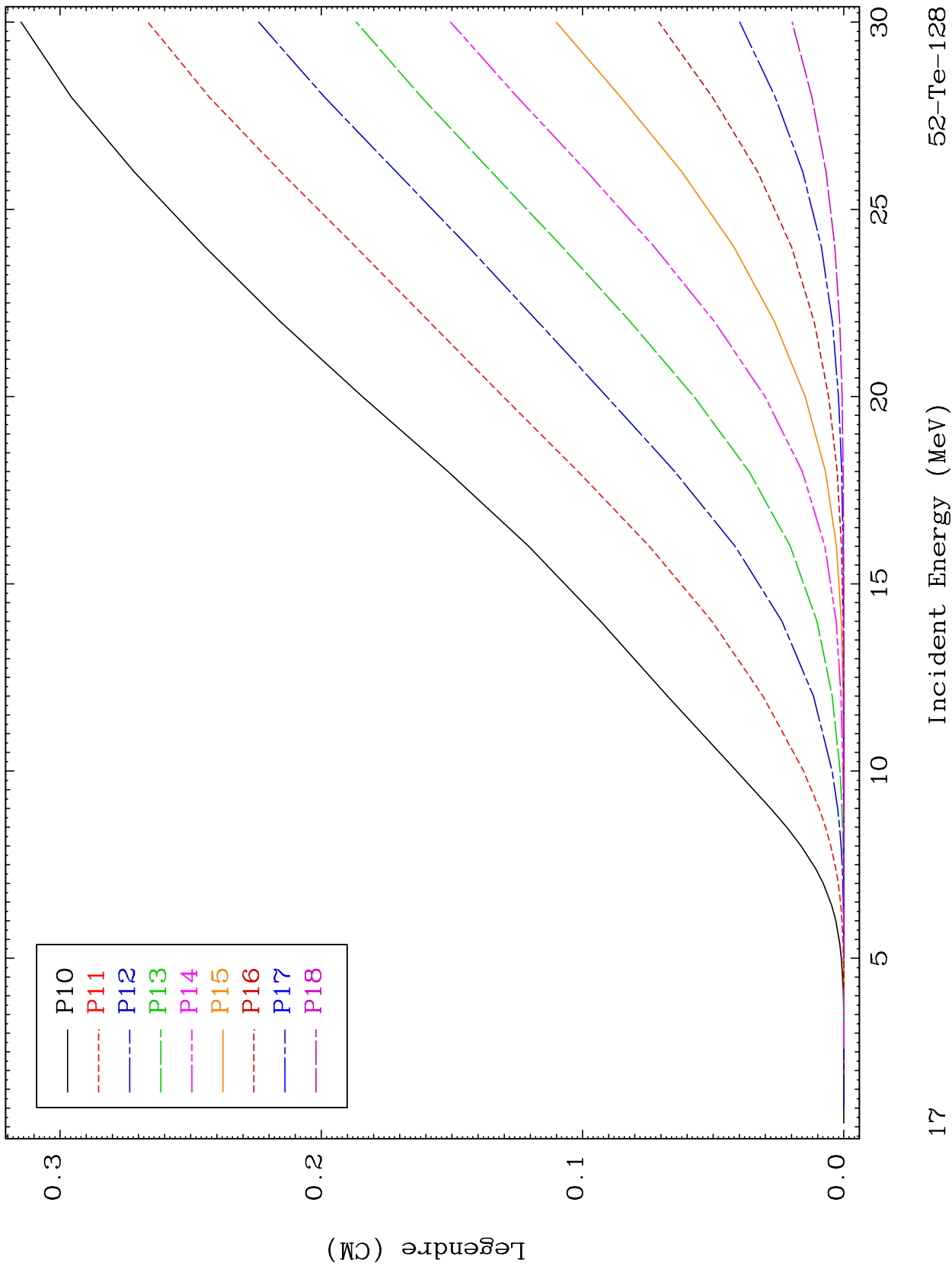
Incident Energy (MeV)

52-Te-128

MAT 5249

Elastic Legendre Coefficients

52-Te-128

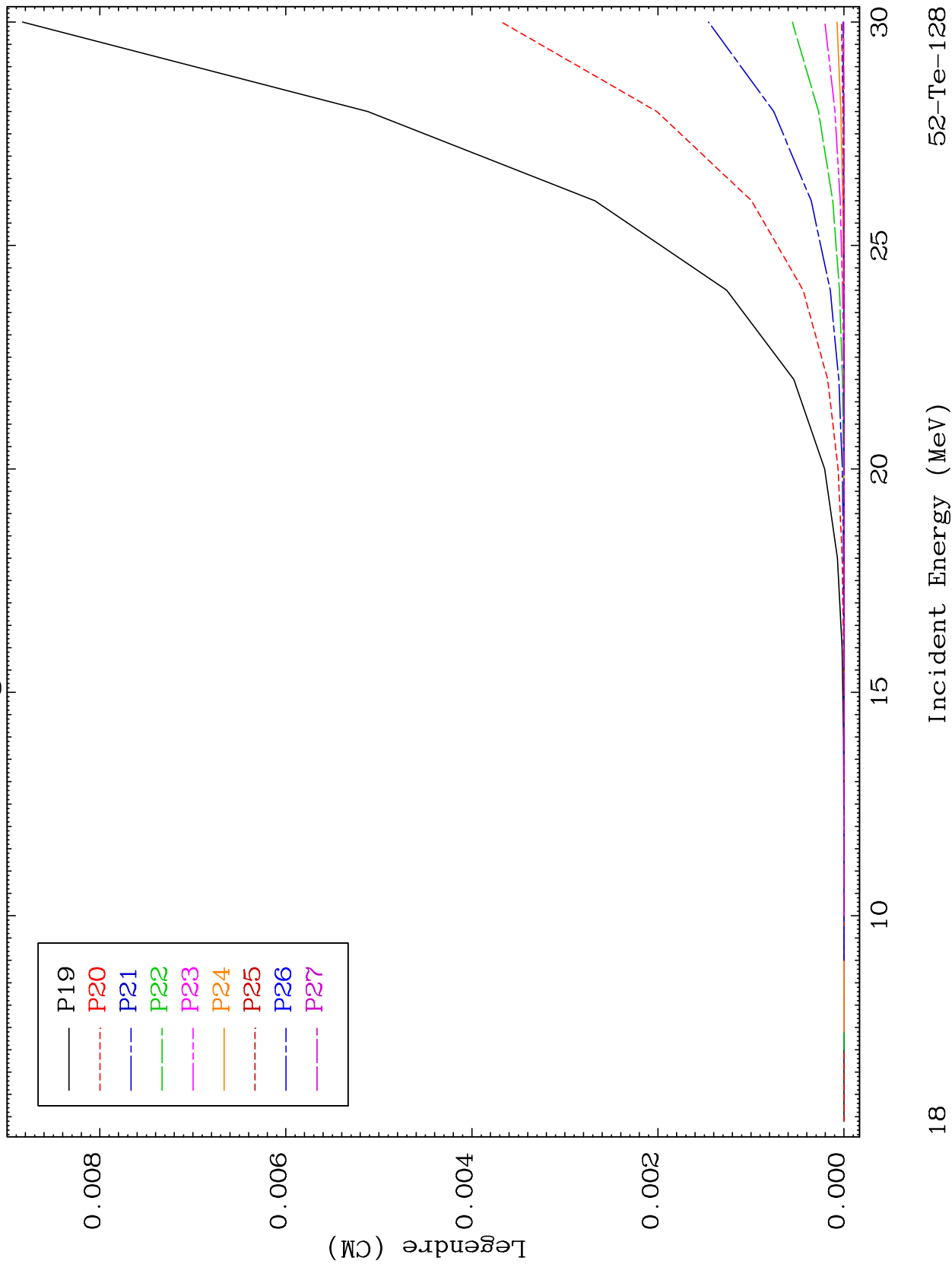


17

MAT 5249

Elastic Legendre Coefficients

52-Te-128



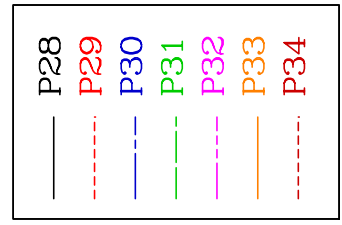
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52-Te-128

MAT 5249

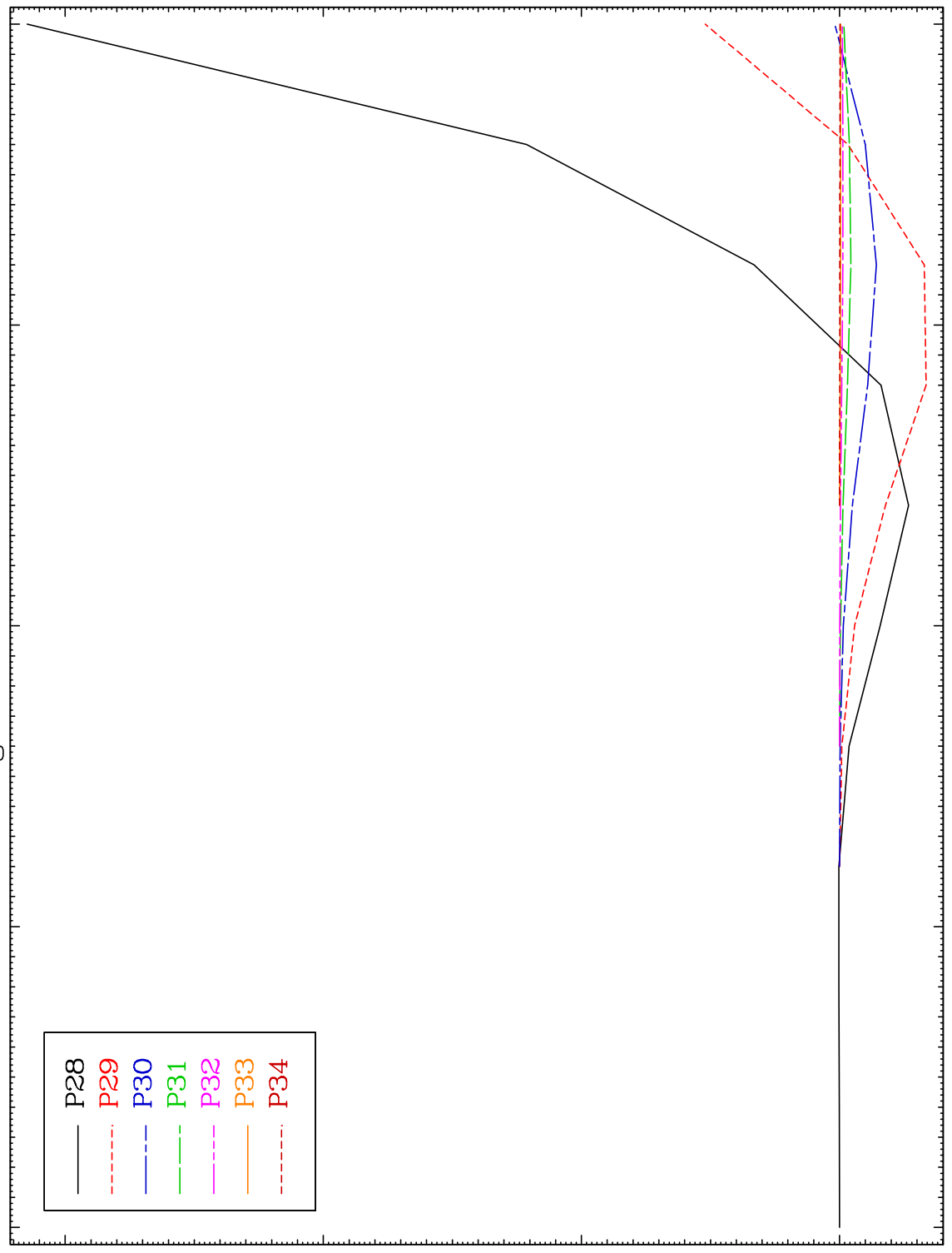
Elastic Legendre Coefficients

52-Te-128



$\times 10^{-76}$

Legendre (CM)



10

15

20

25

30

Incident Energy (MeV)

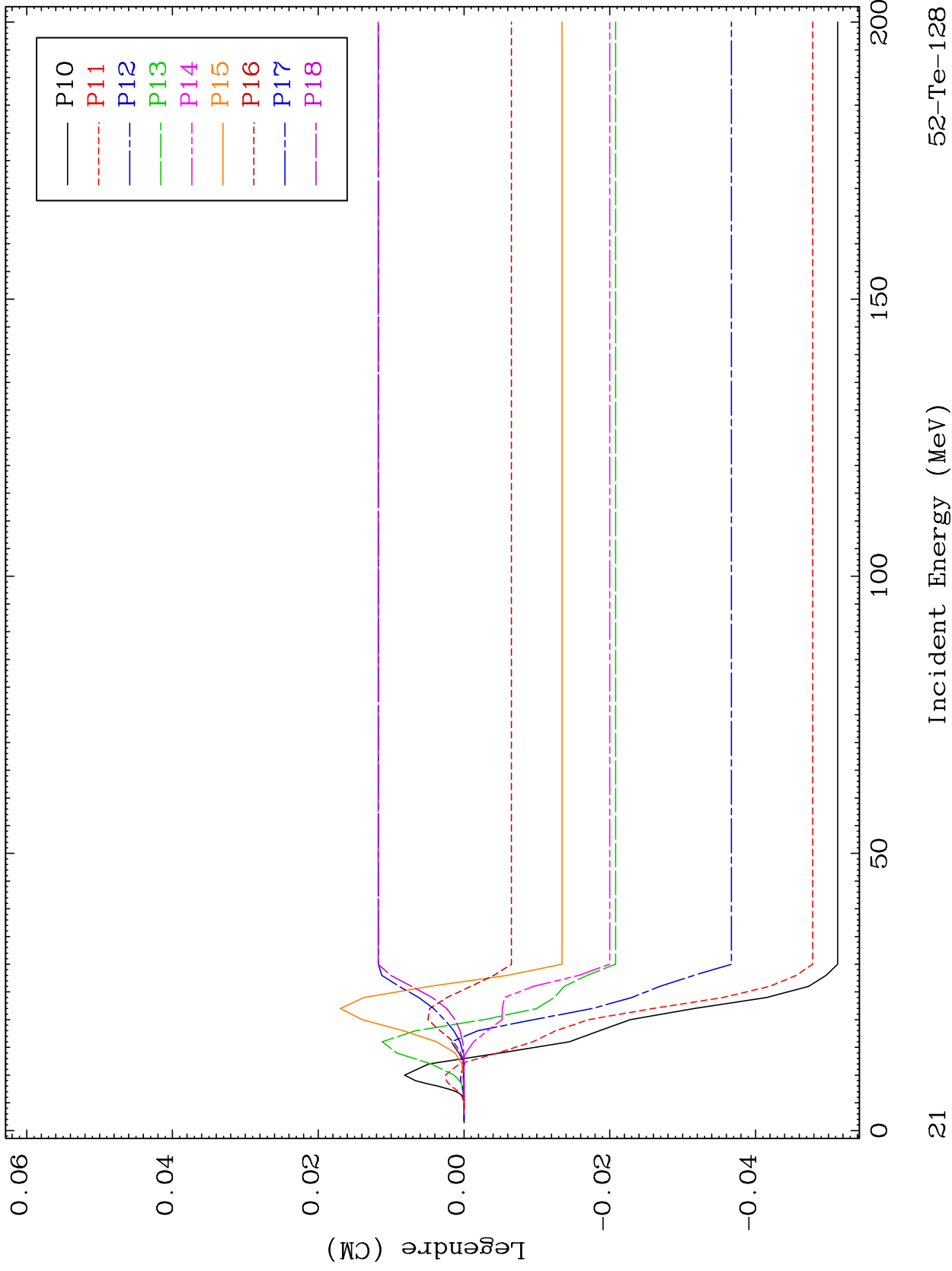
52-Te-128



MAT 5249

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

52-Te-128



21

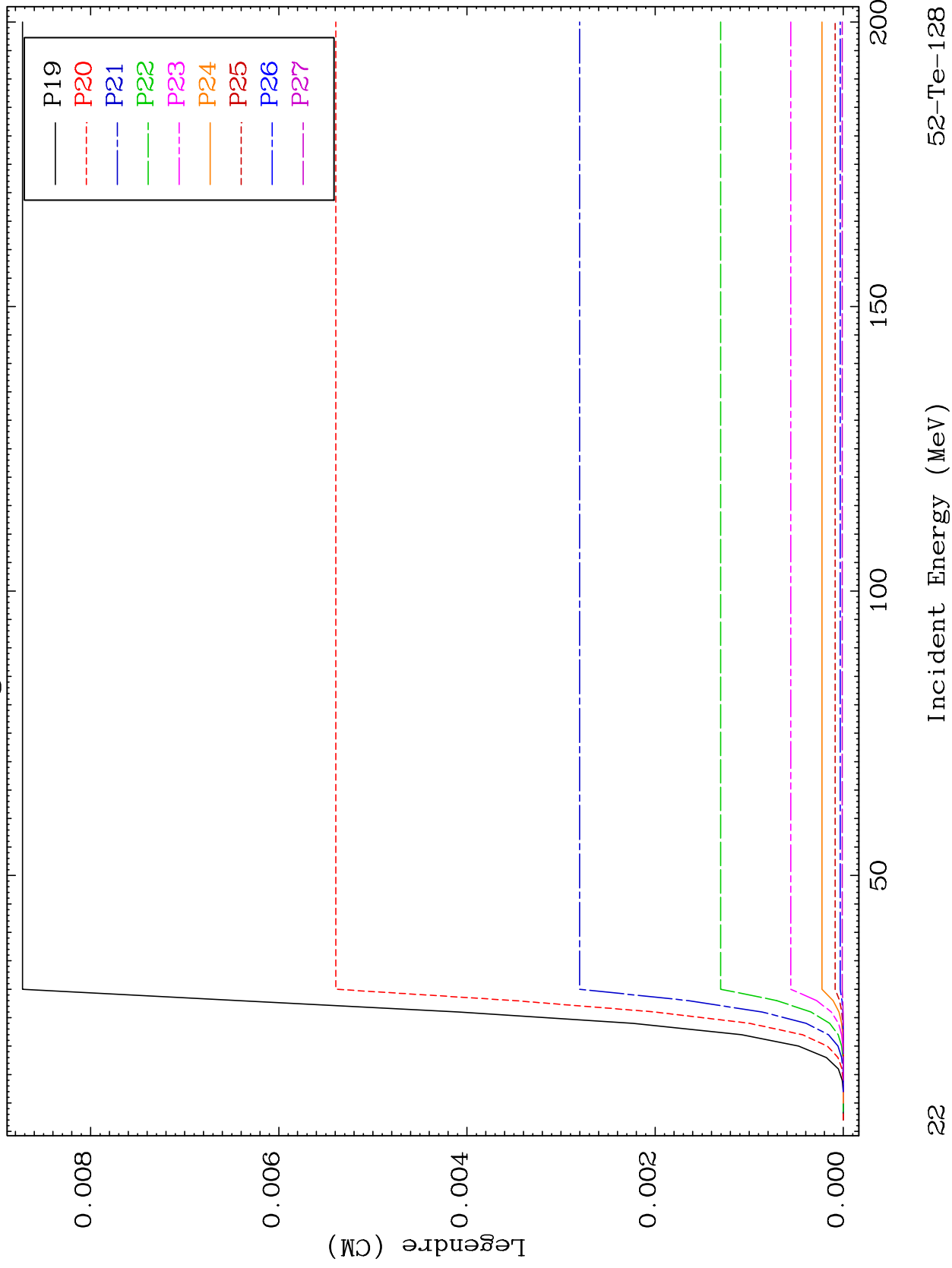
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



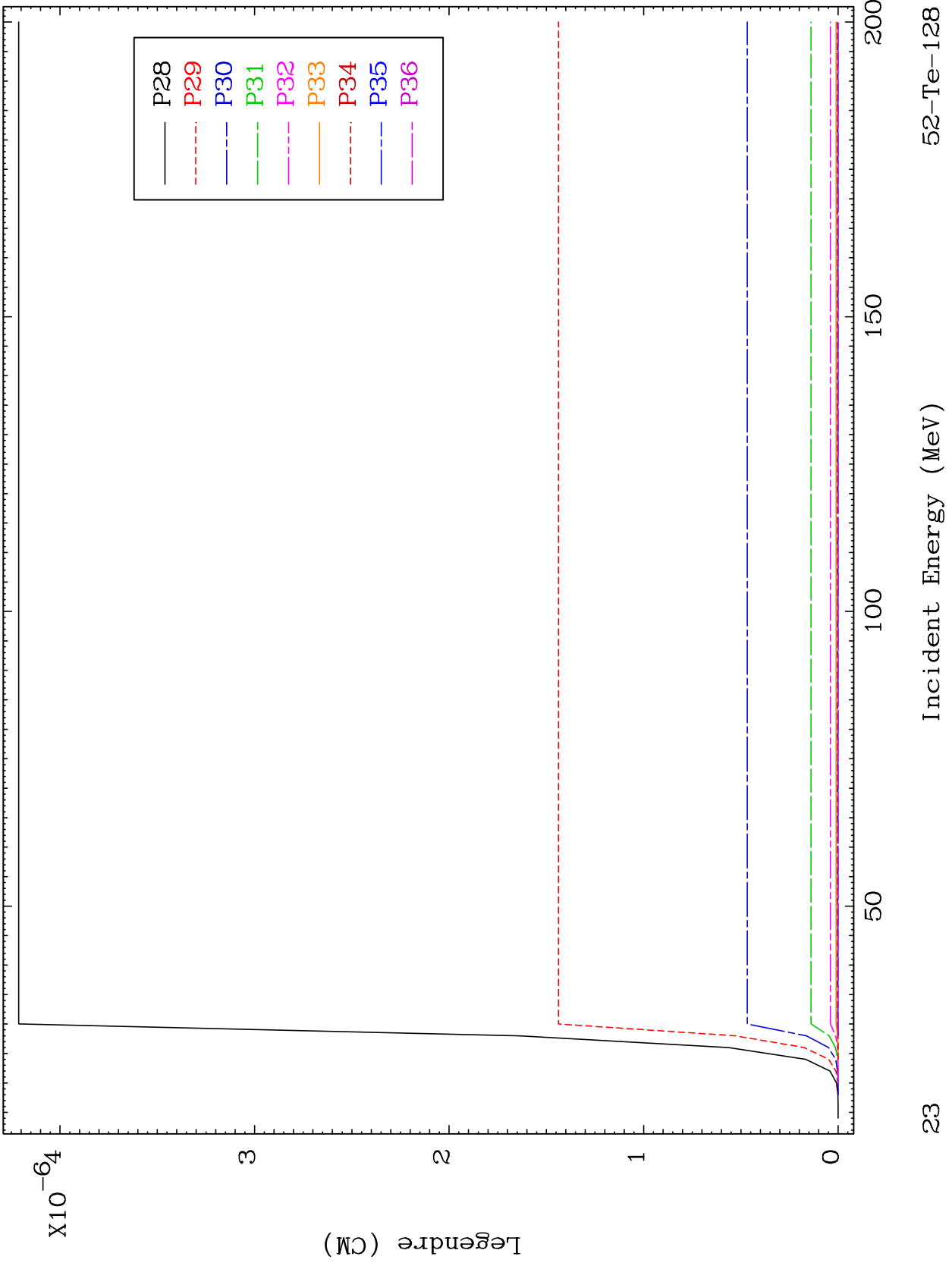
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52-Te-128

MAT 5249

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

52-Te-128



23

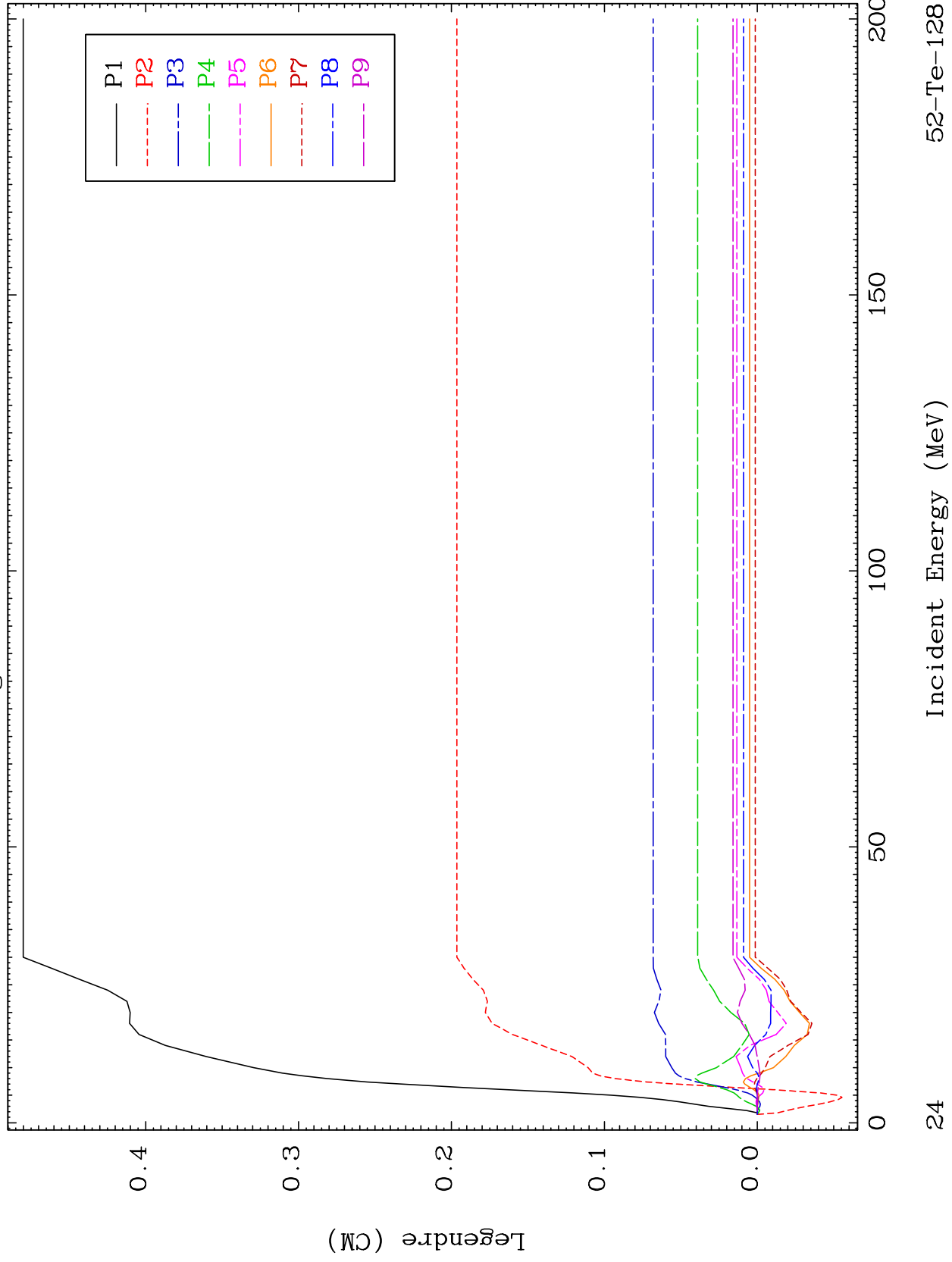
52-Te-128



MAT 5249

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

52-Te-128



52-Te-128

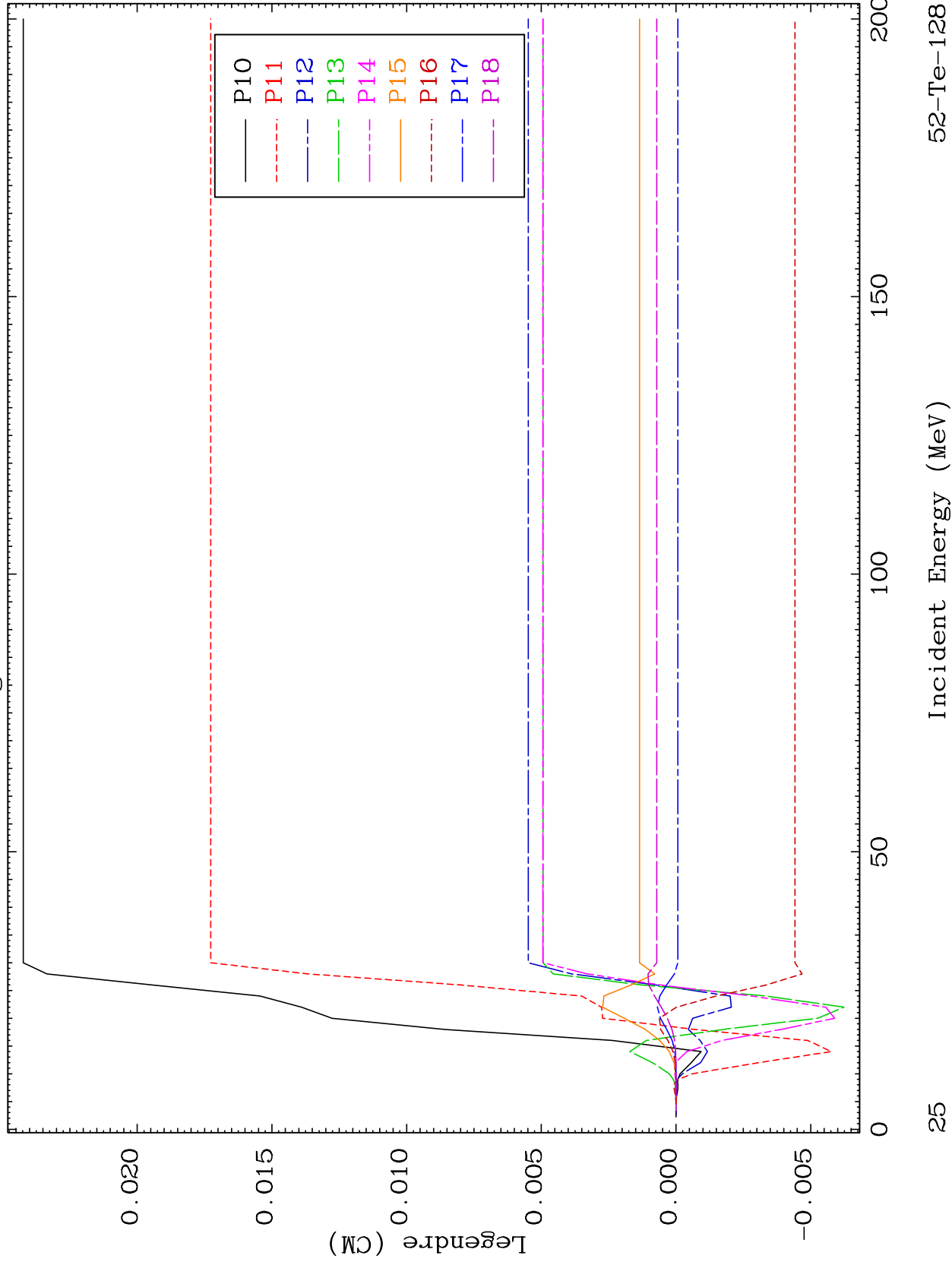
Incident Energy (MeV)

24

MAT 5249

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

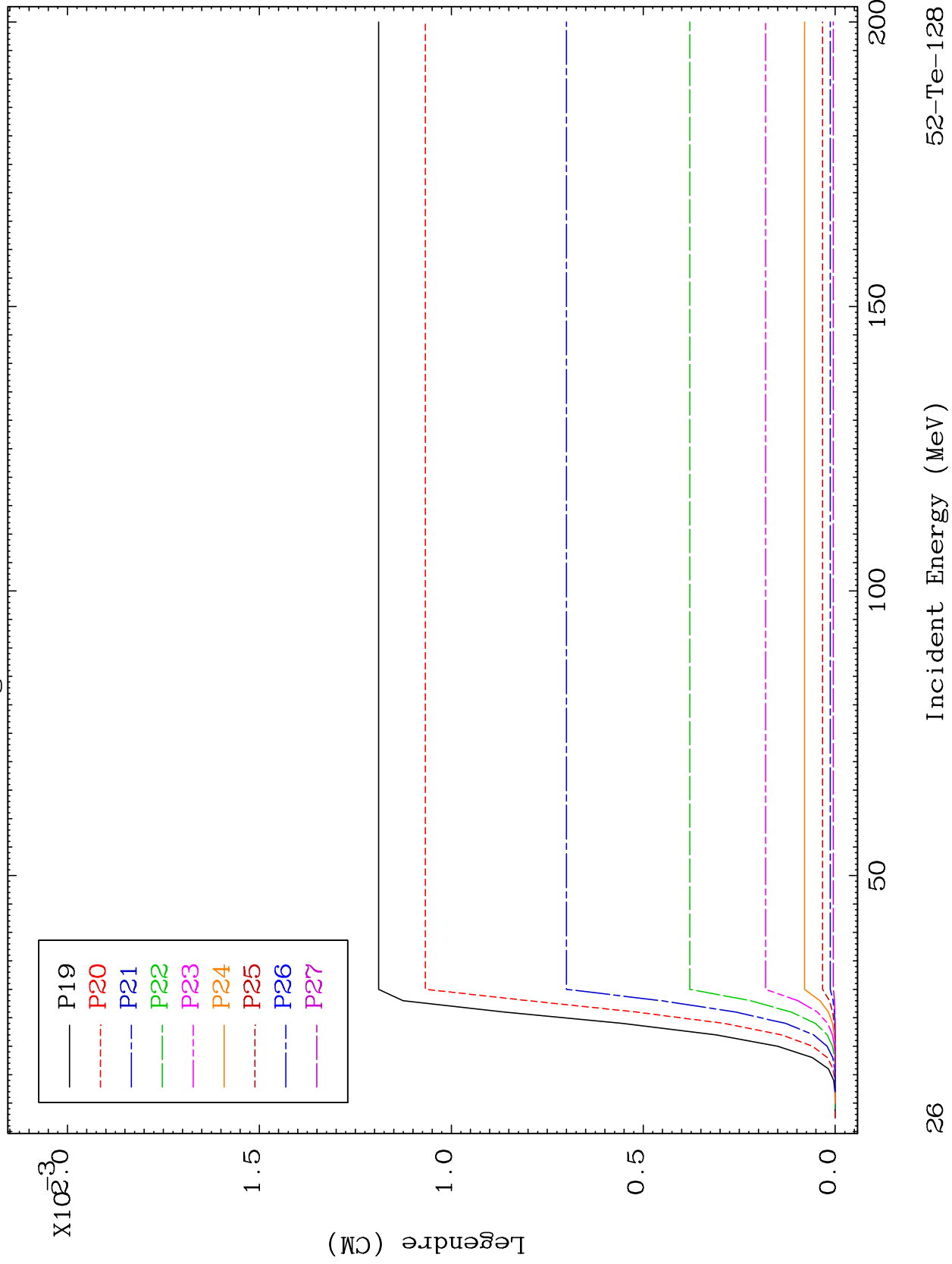
52-Te-128



52-Te-128

Incident Energy (MeV)

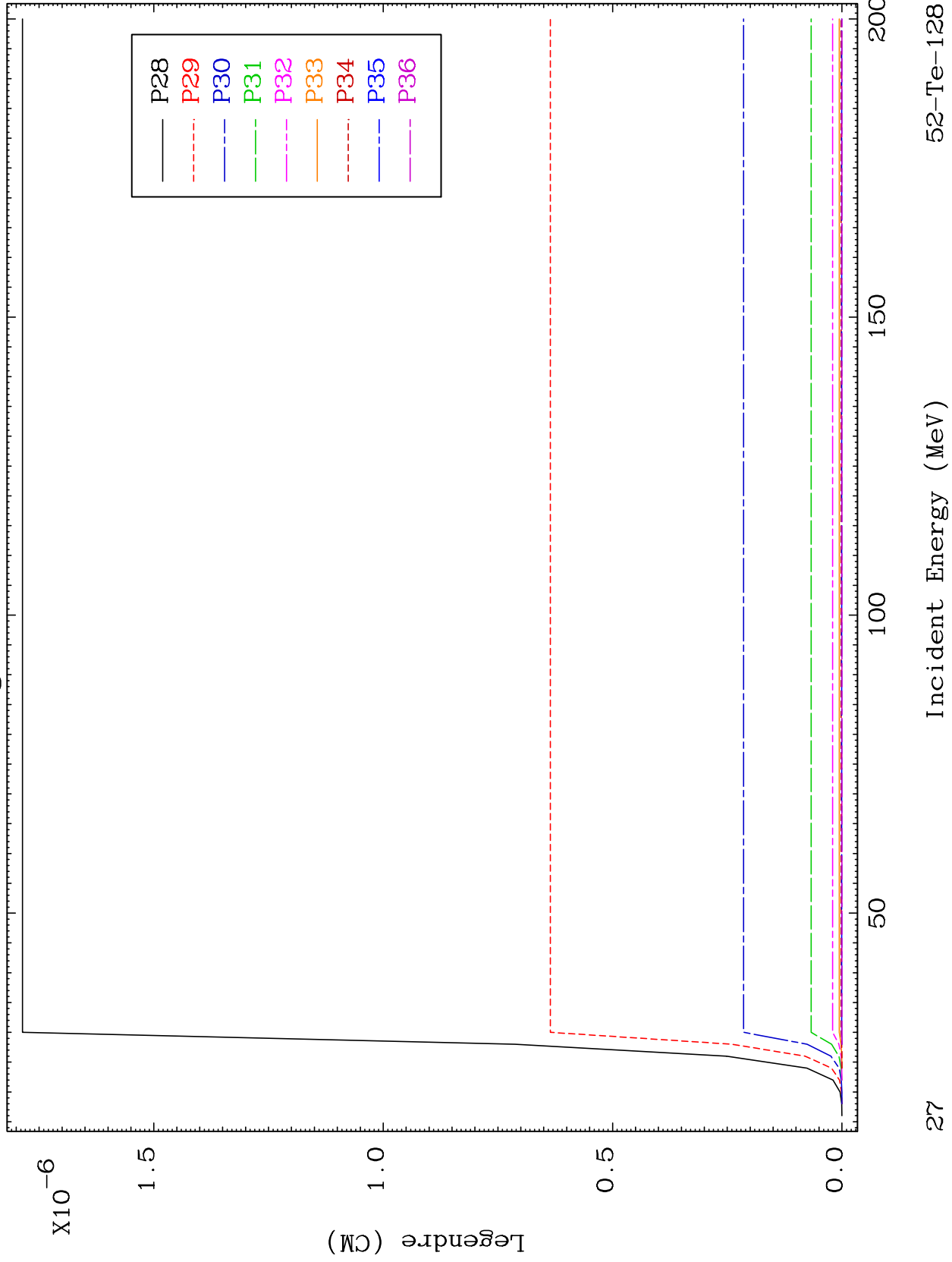
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MAT 5249

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

52-Te-128

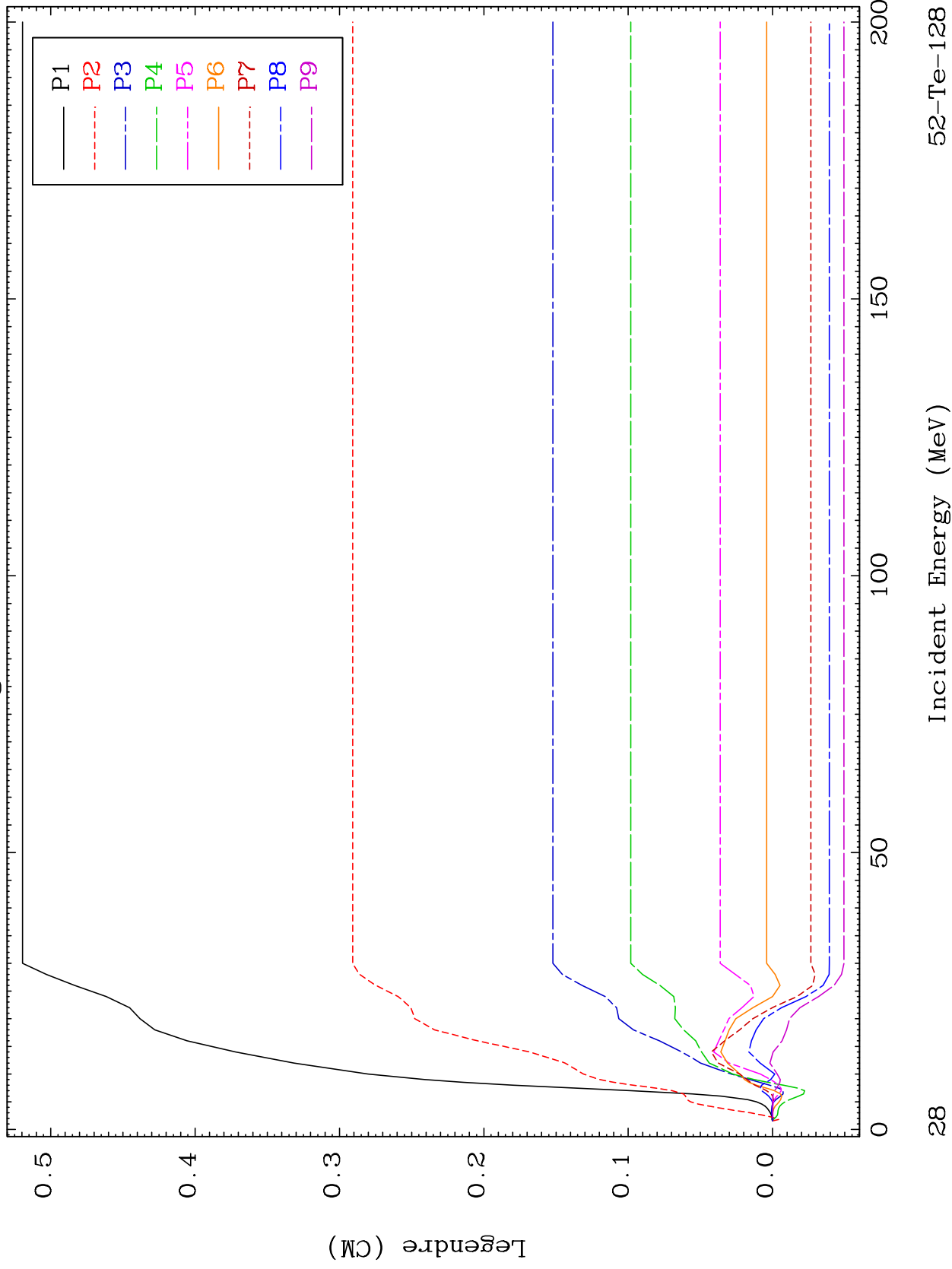


27

MAT 5249

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

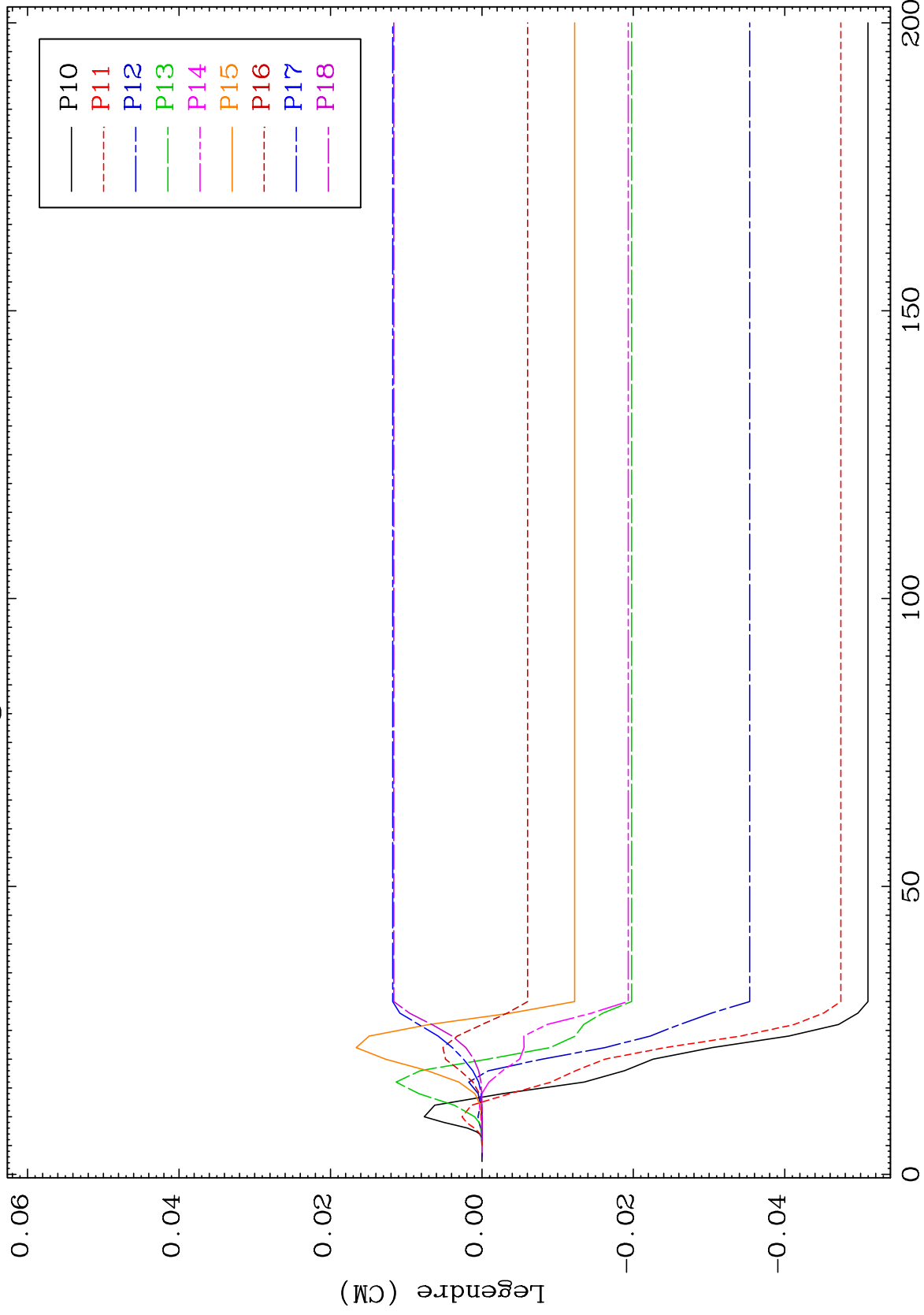
52-Te-128



MAT 5249

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

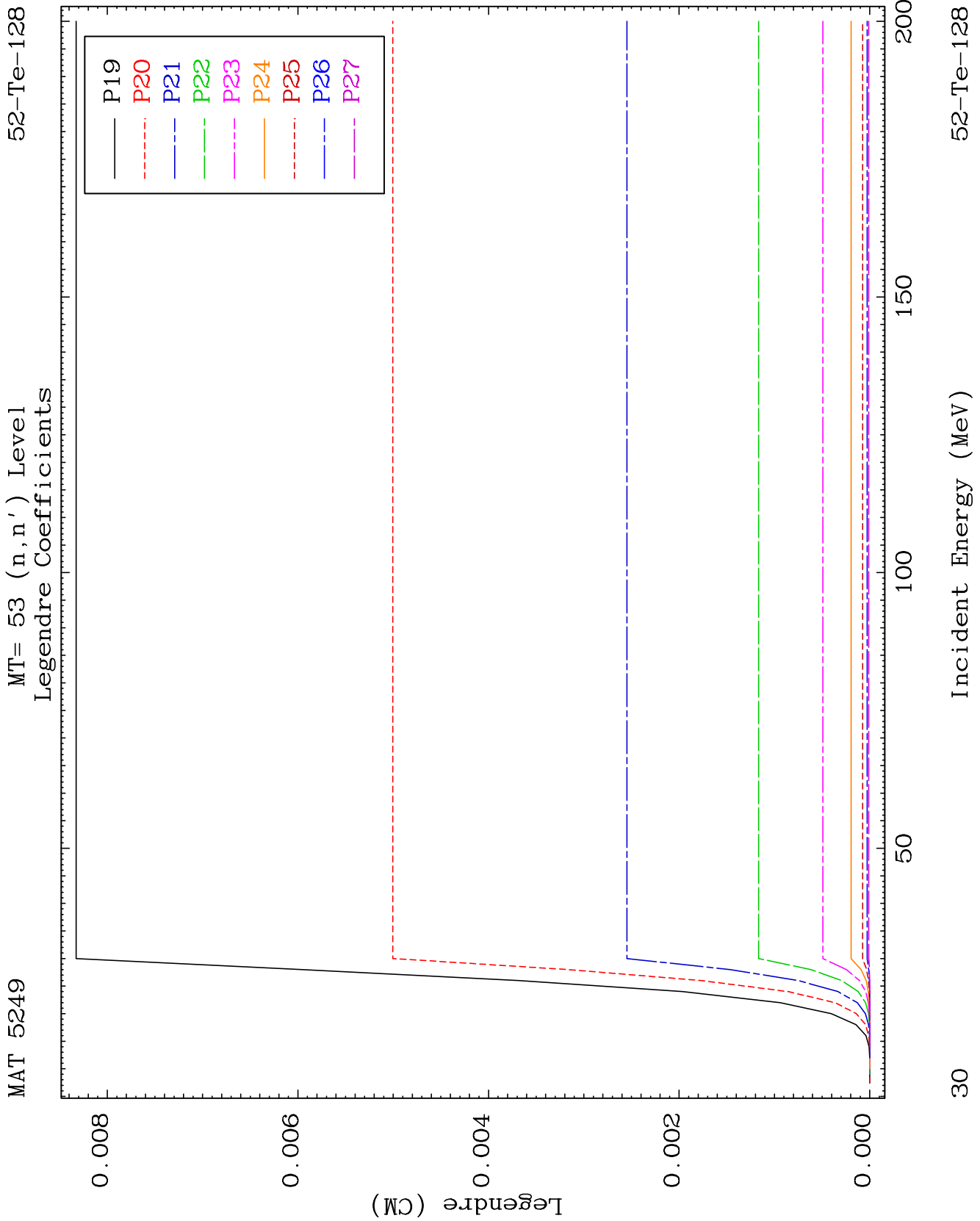
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29

Incident Energy (MeV)

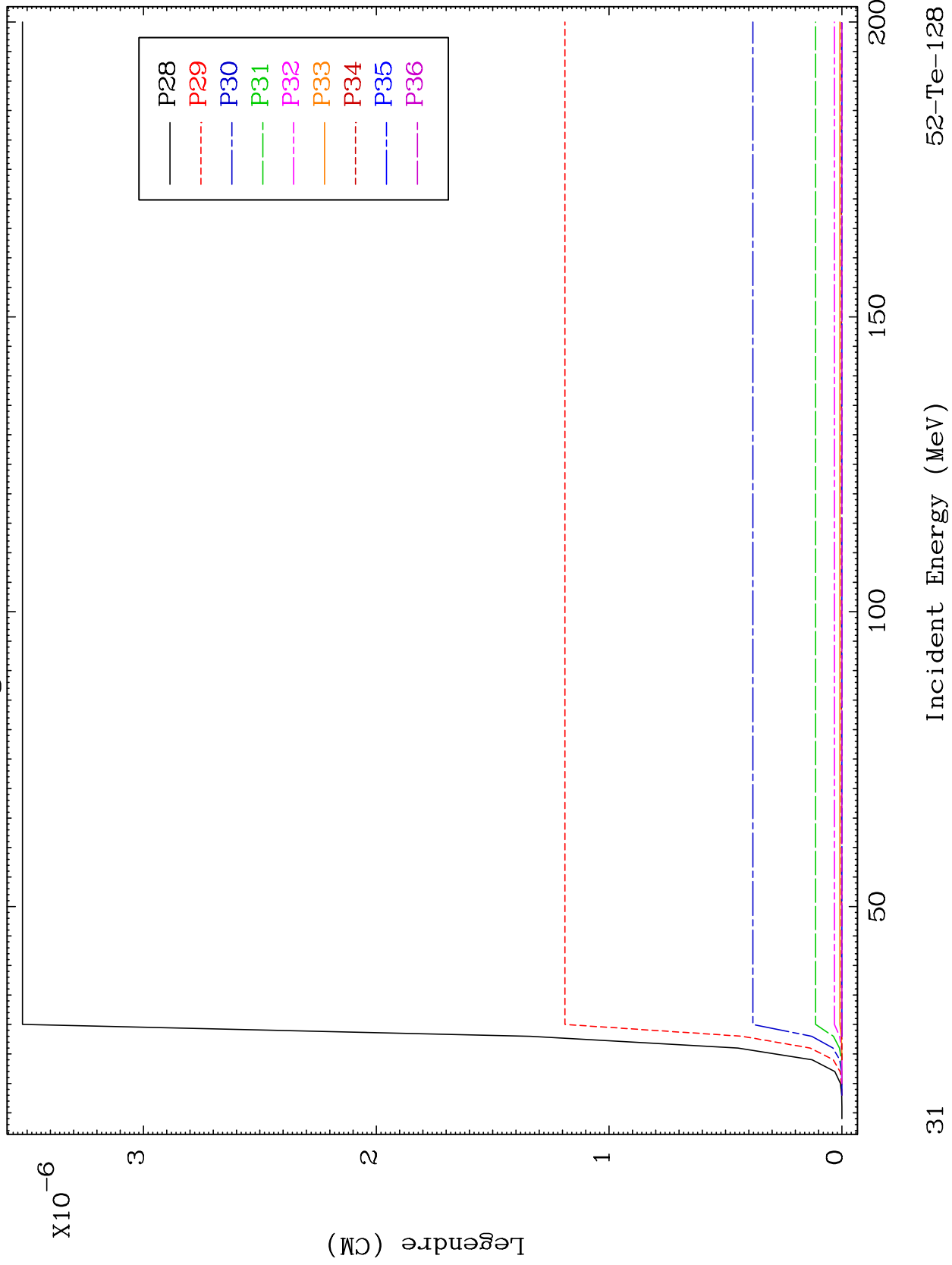
52-Te-128



MAT 5249

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

52-Te-128



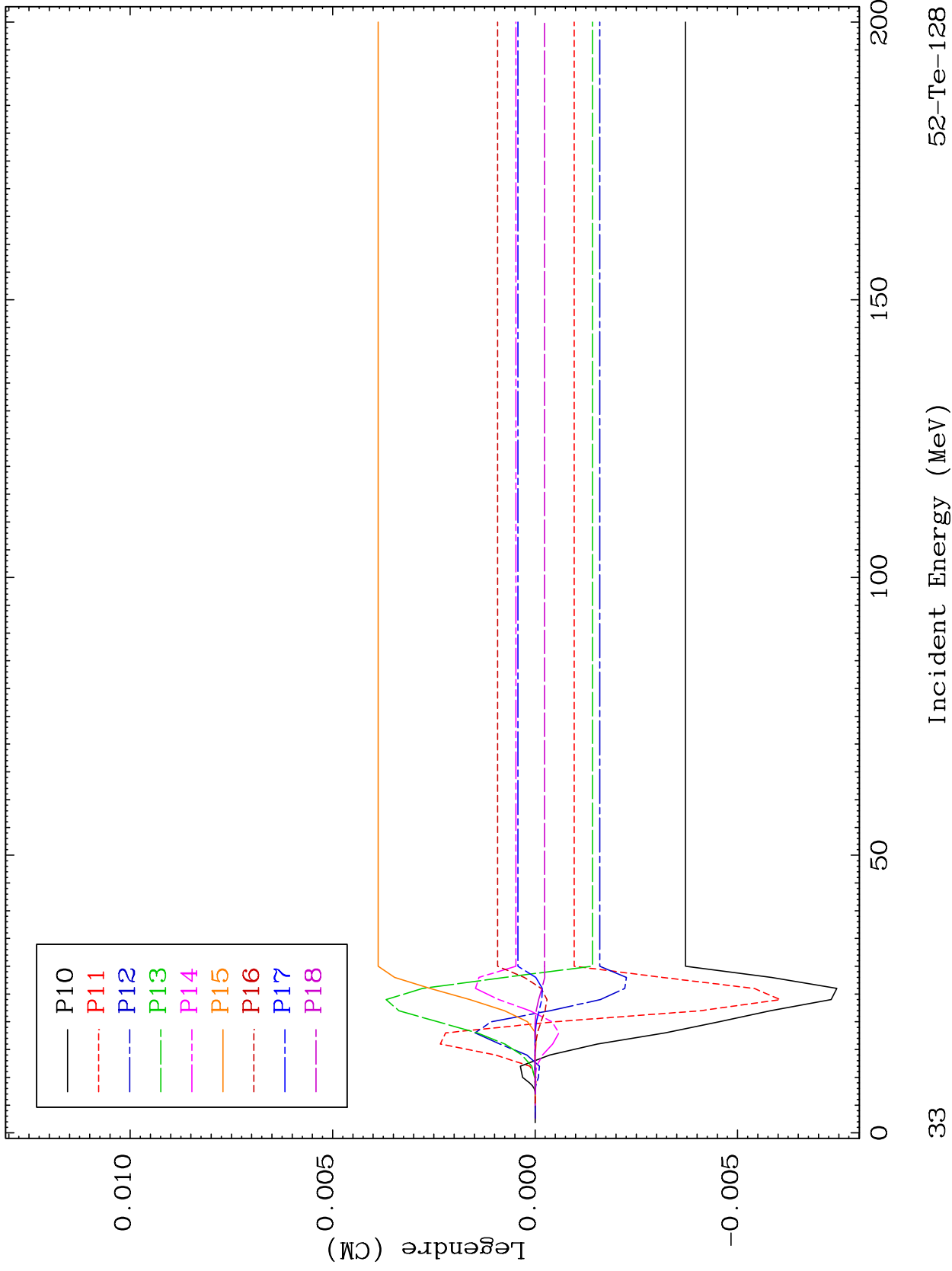




MAT 5249

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

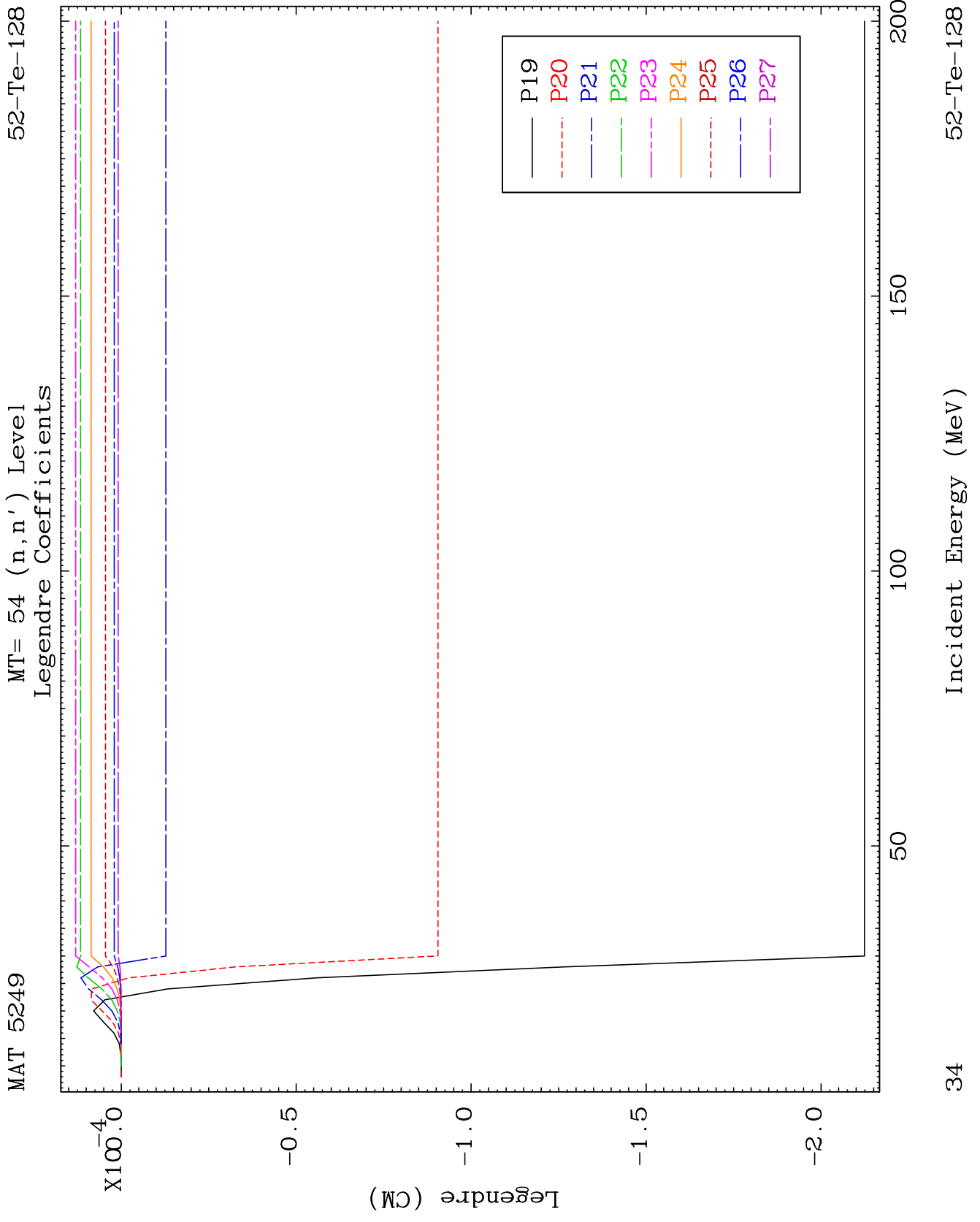
52-Te-128



33

Incident Energy (MeV)

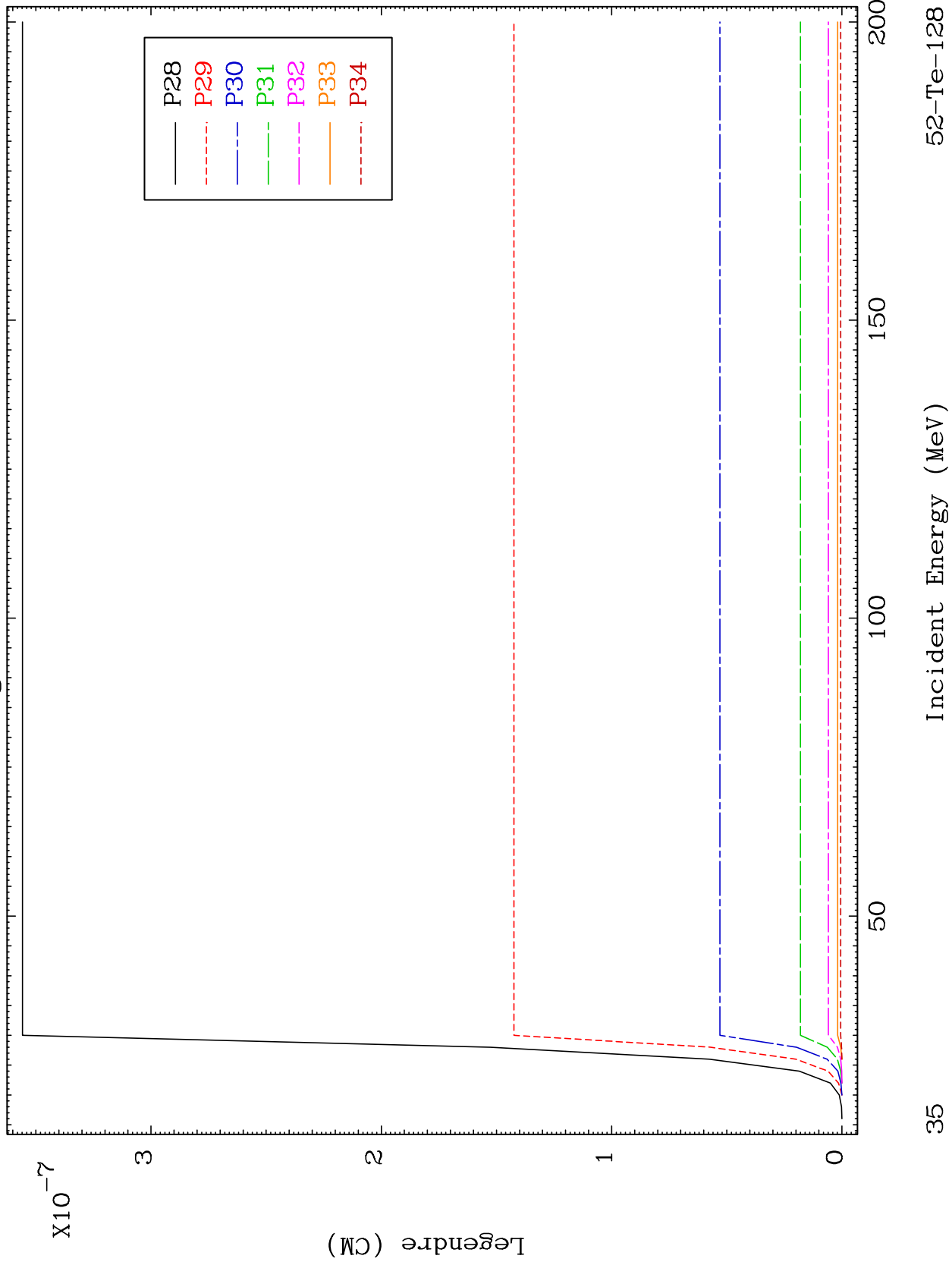
52-Te-128



MAT 5249

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

52-Te-128

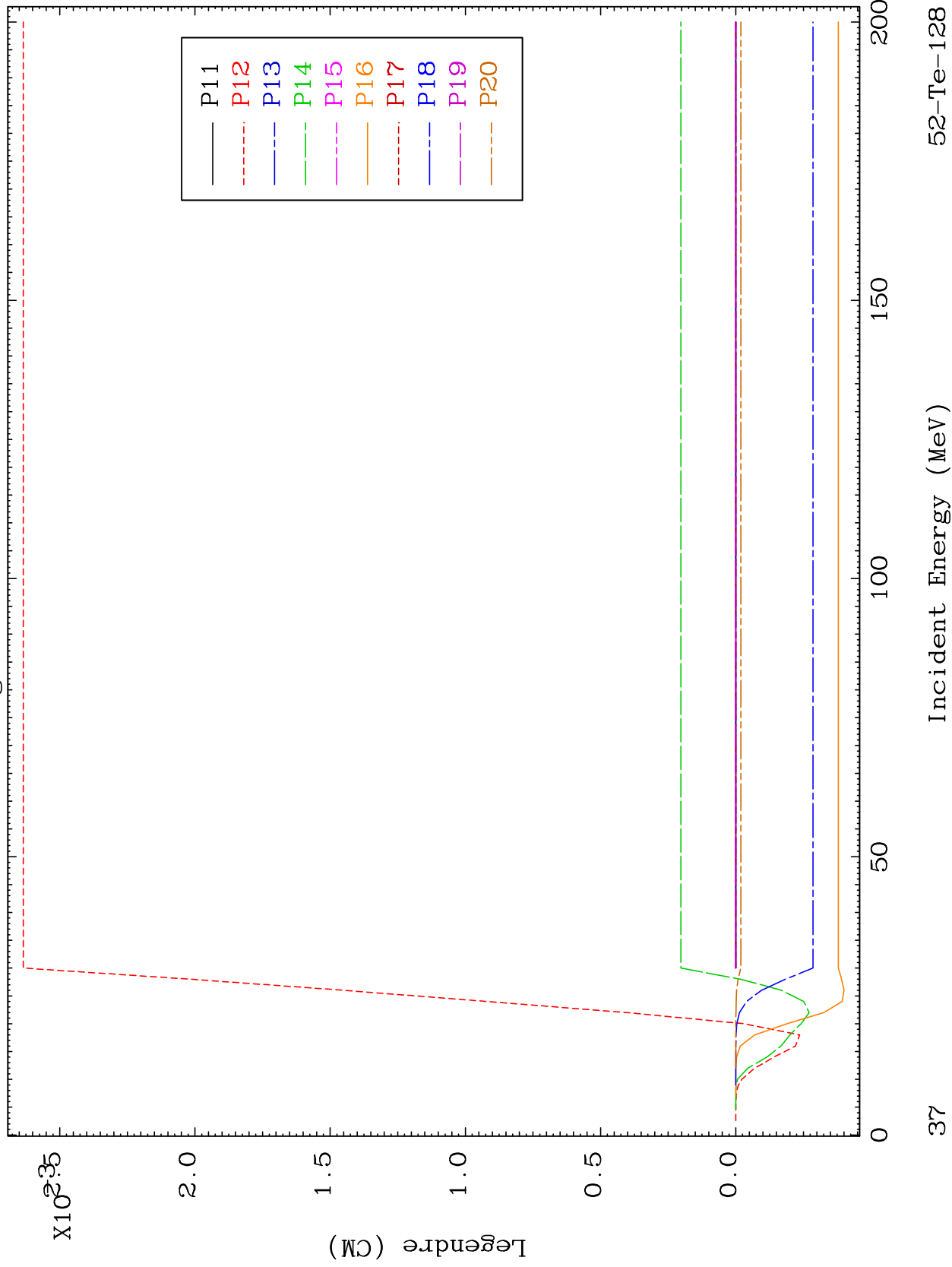




MAT 5249

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

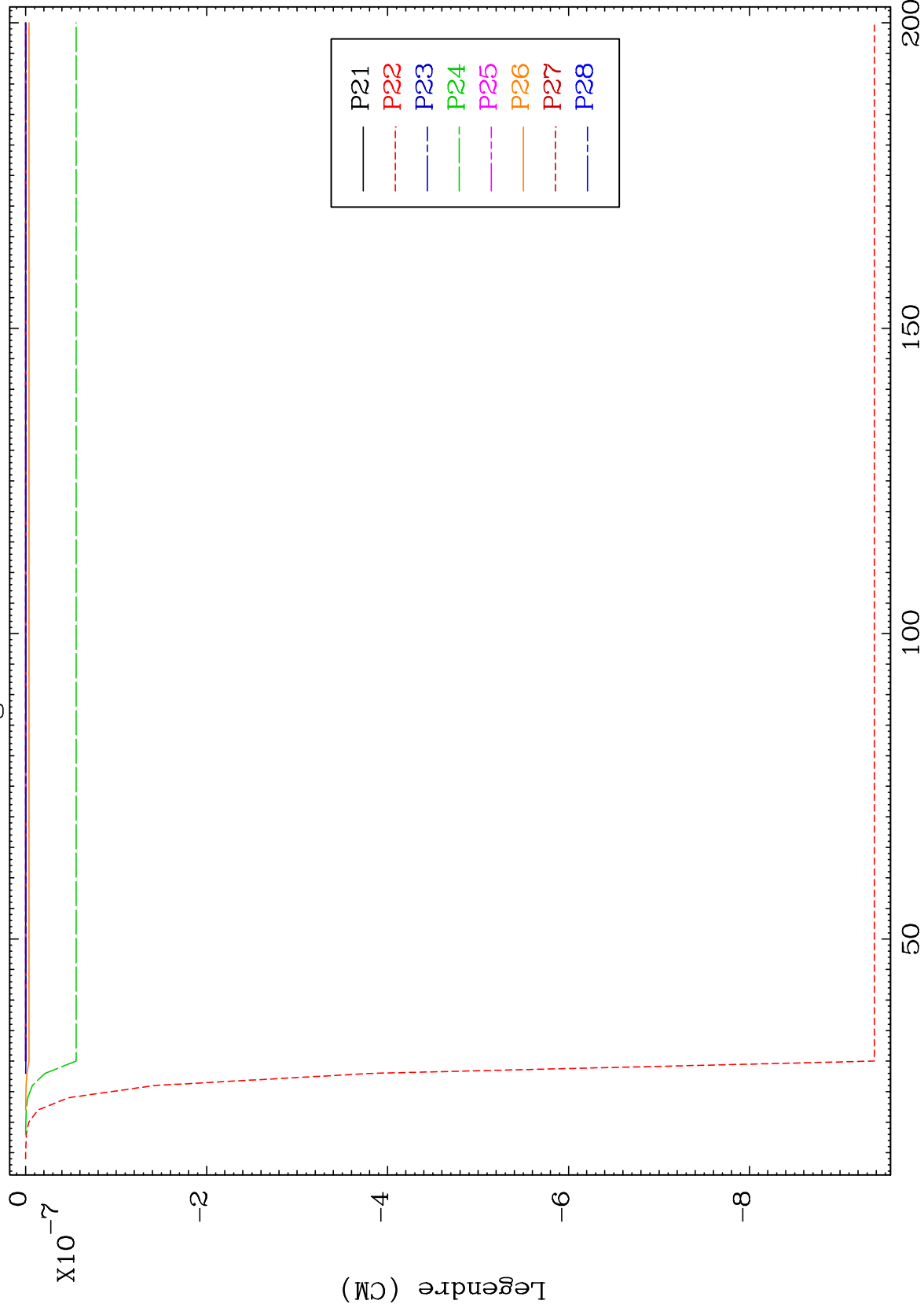
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MAT 5249

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

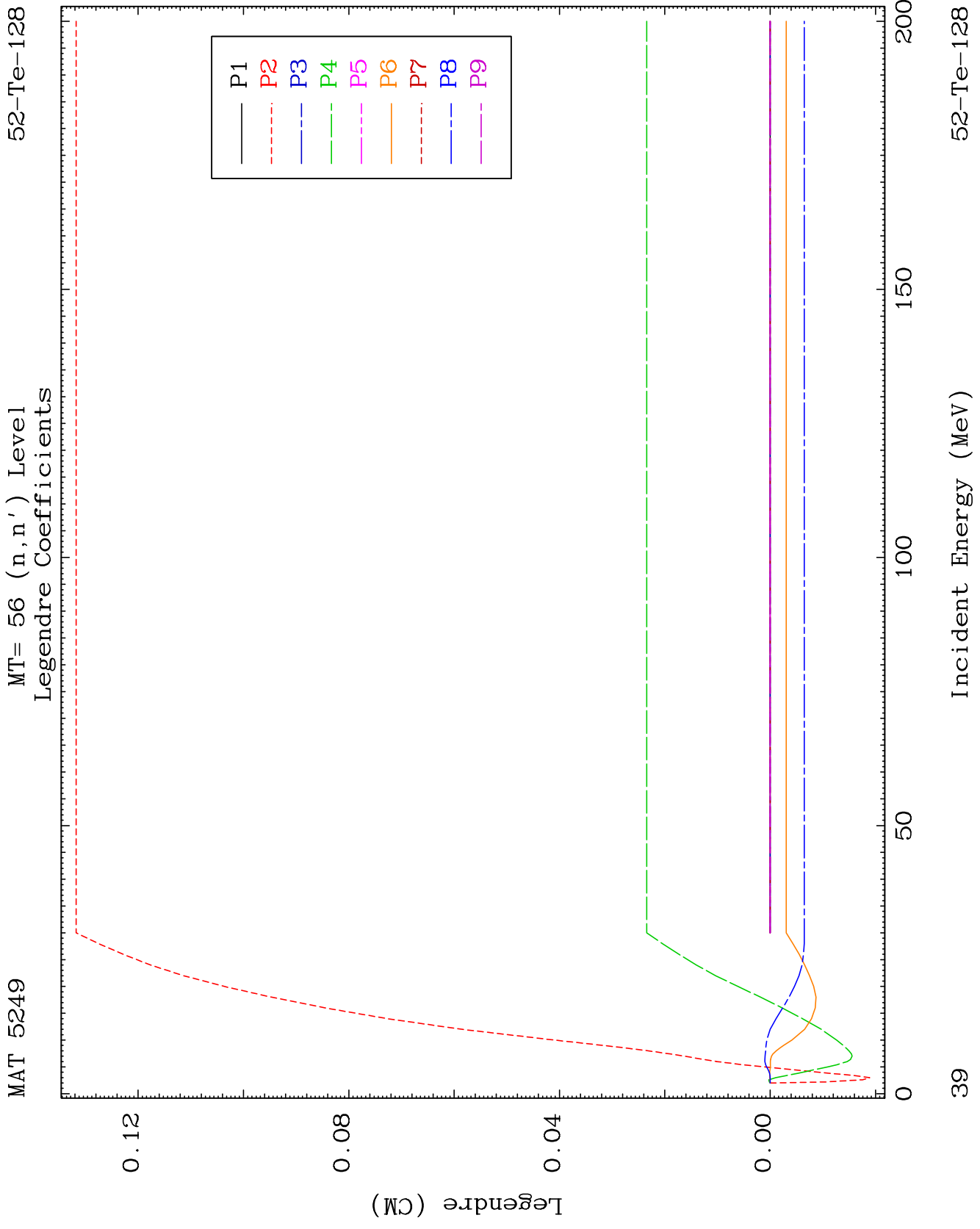
52-Te-128



38

Incident Energy (MeV)

52-Te-128

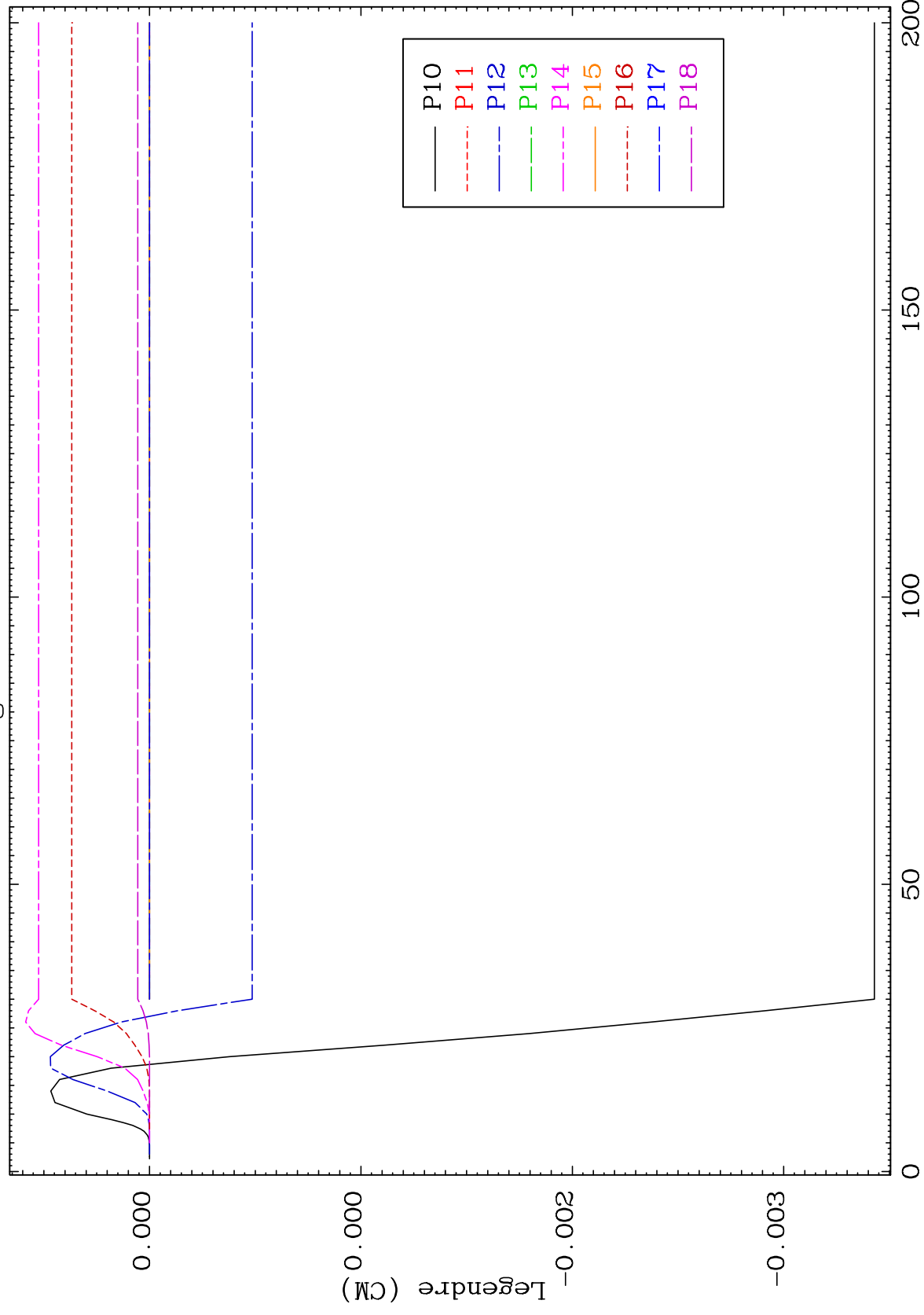




MAT 5249

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

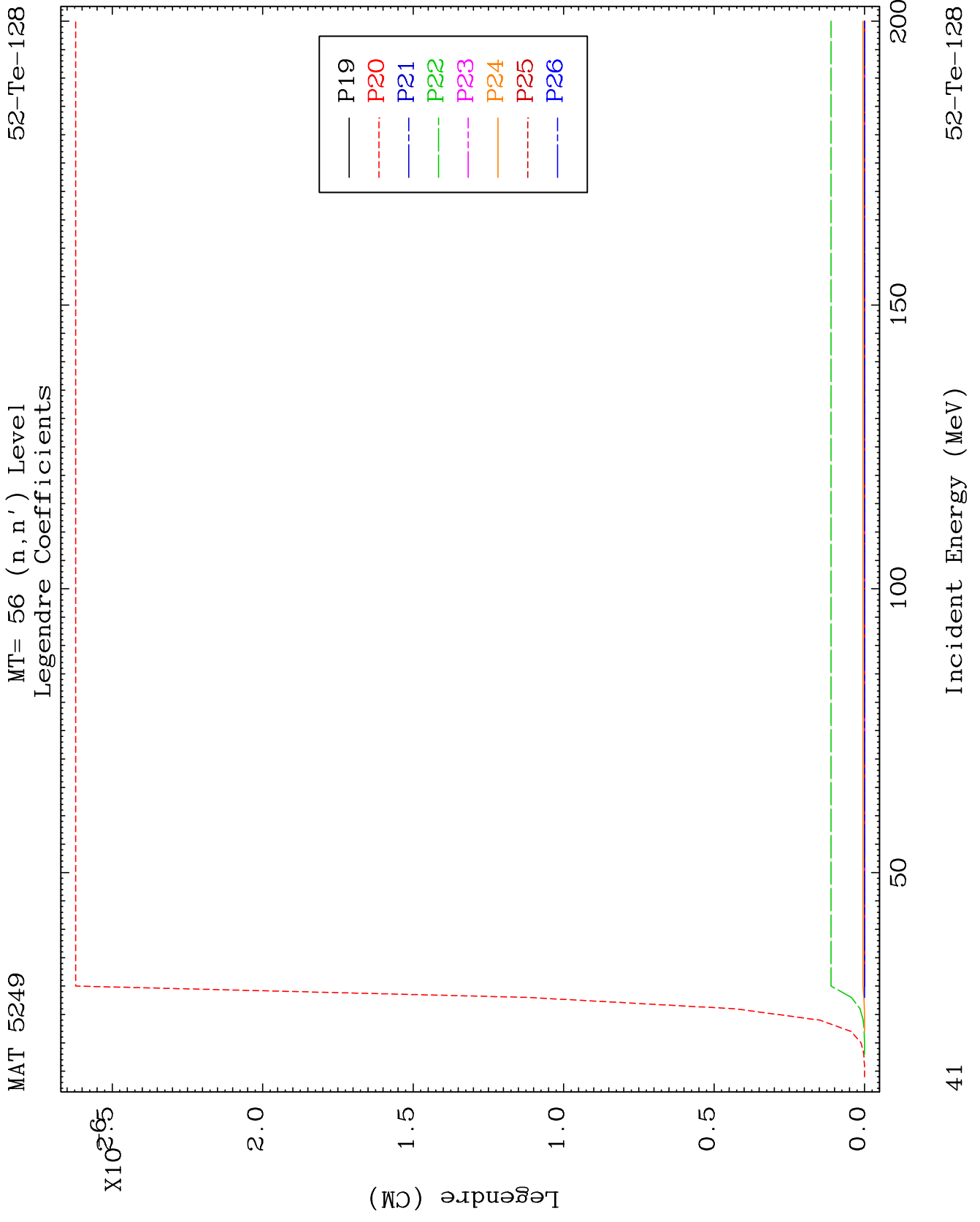
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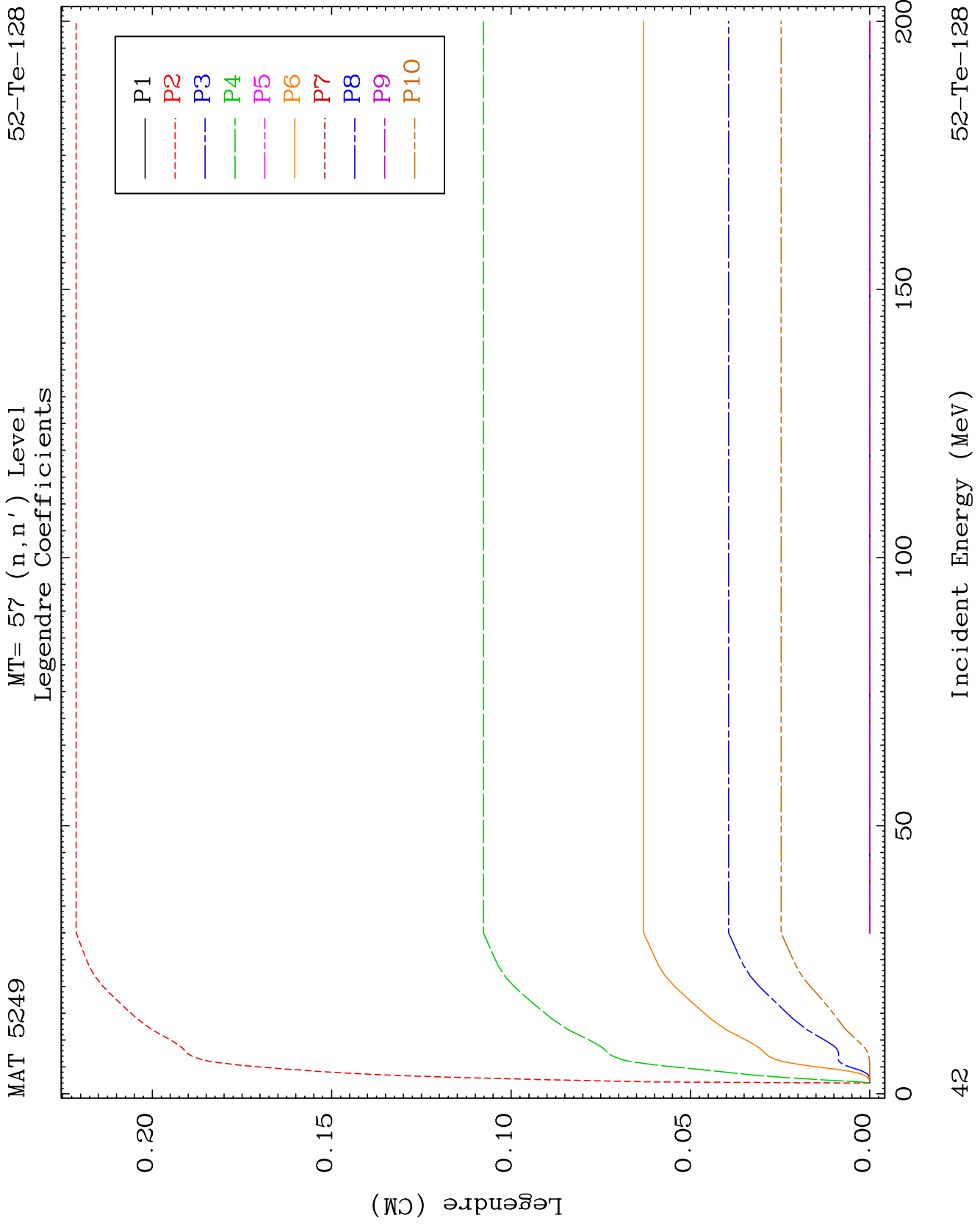


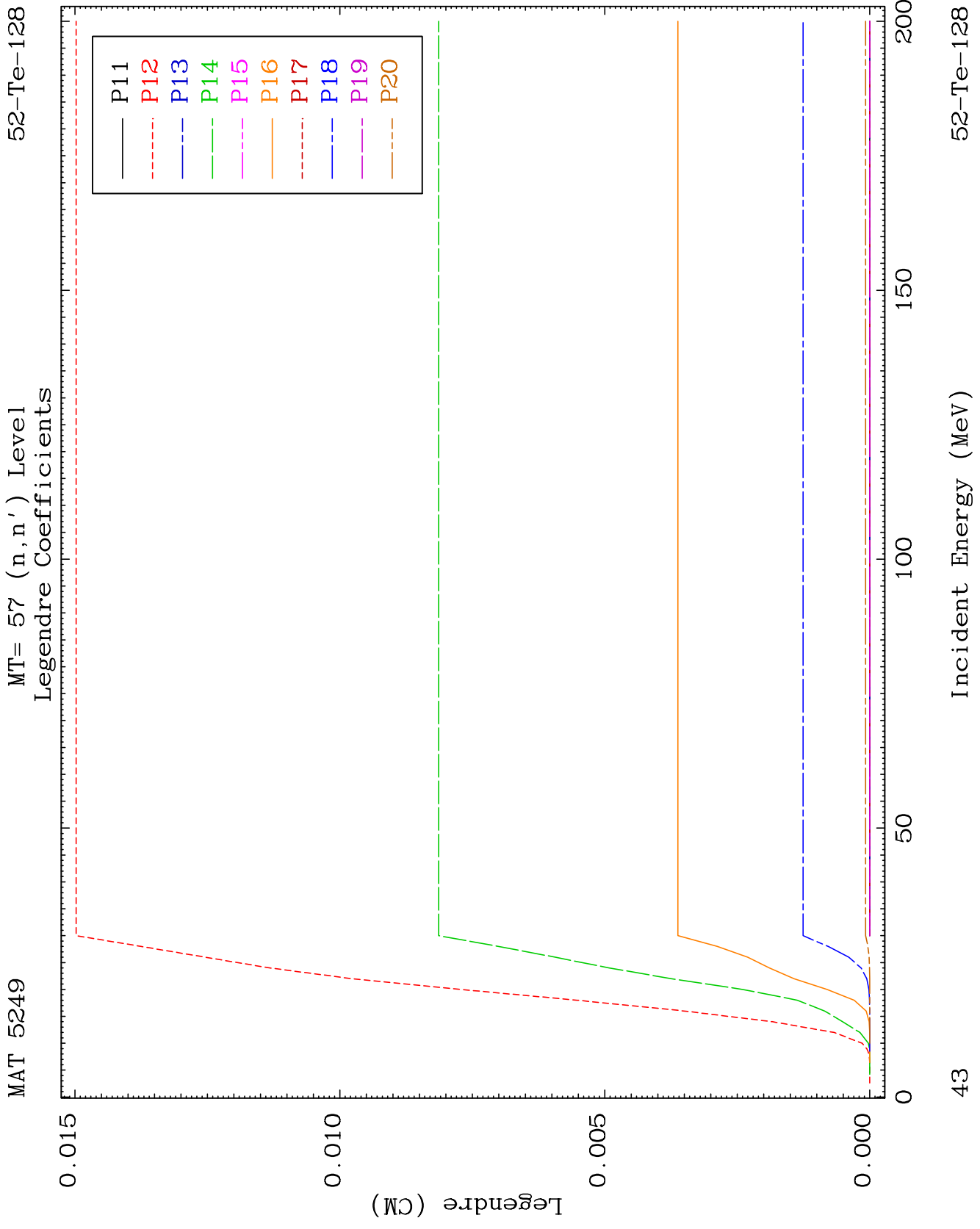
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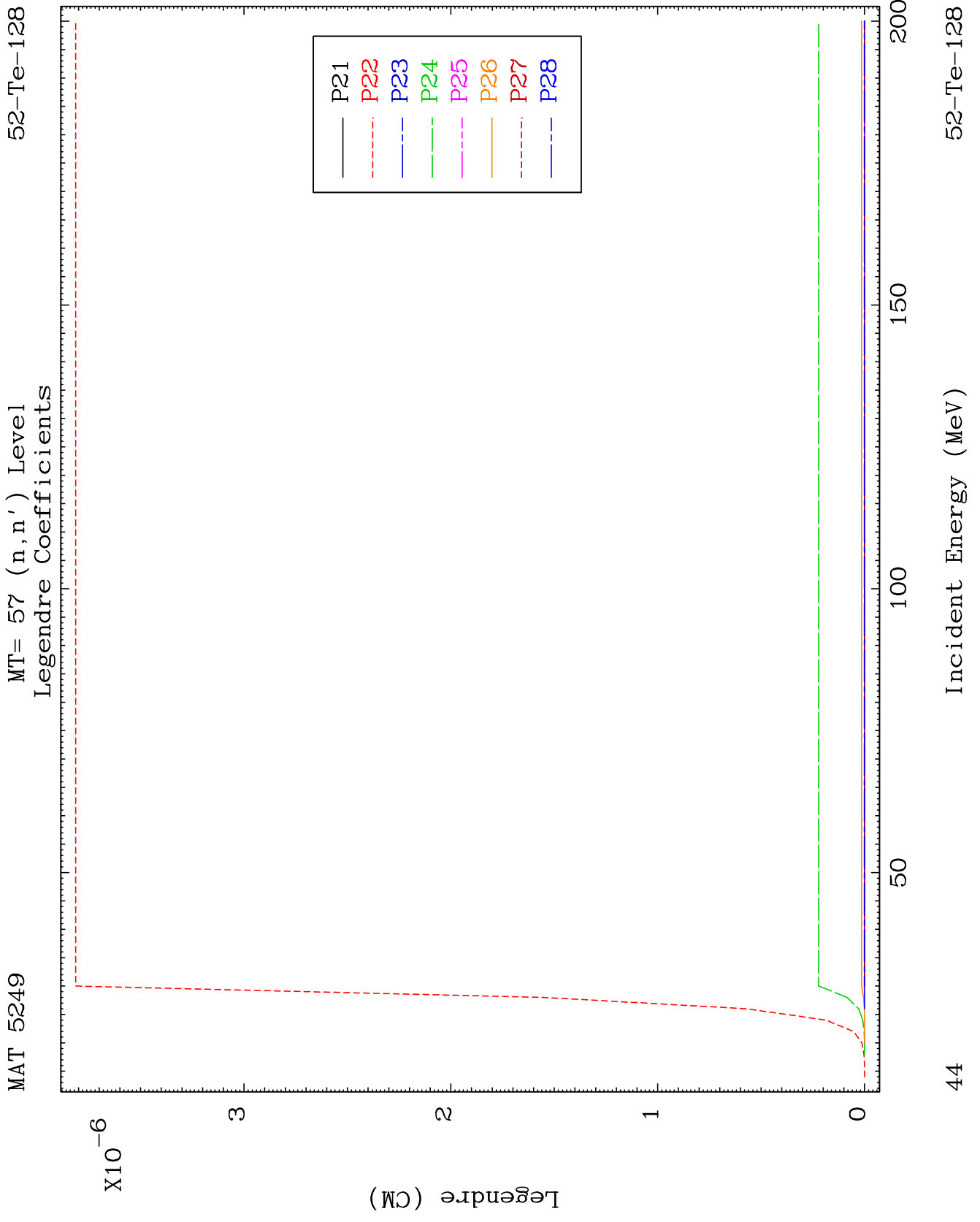
Incident Energy (MeV)

52-Te-128







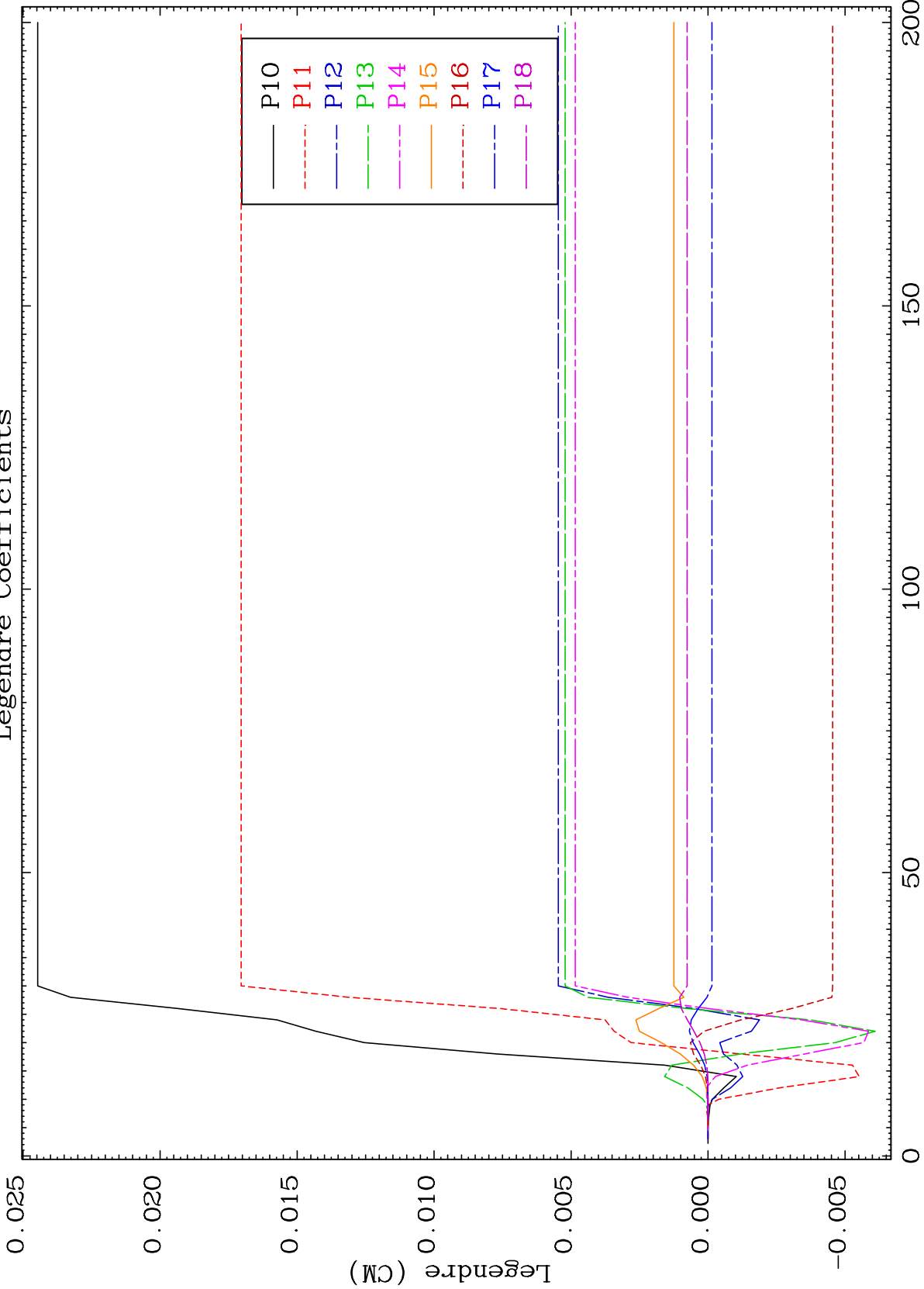




MAT 5249

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

52-Te-128



46

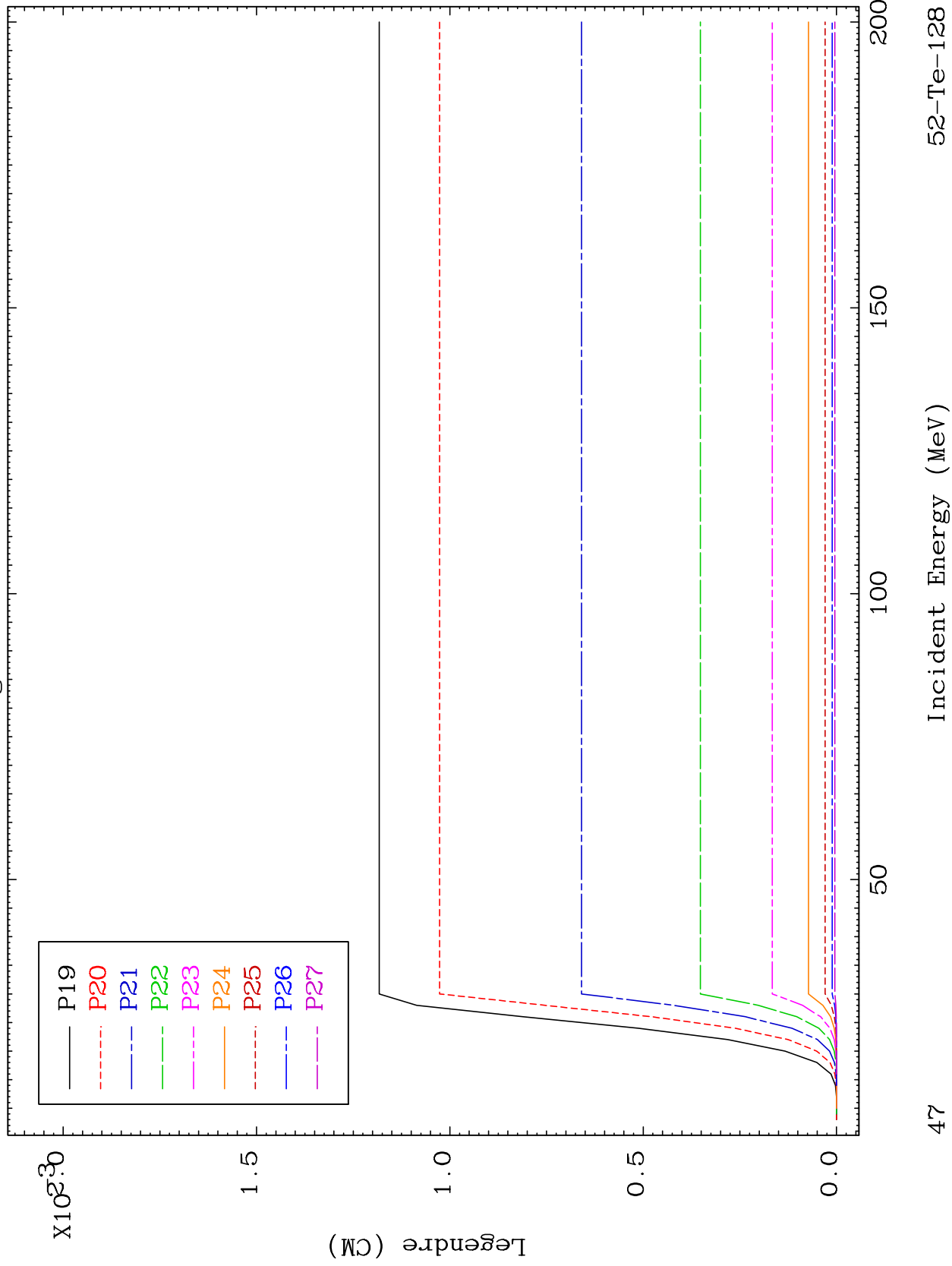
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128

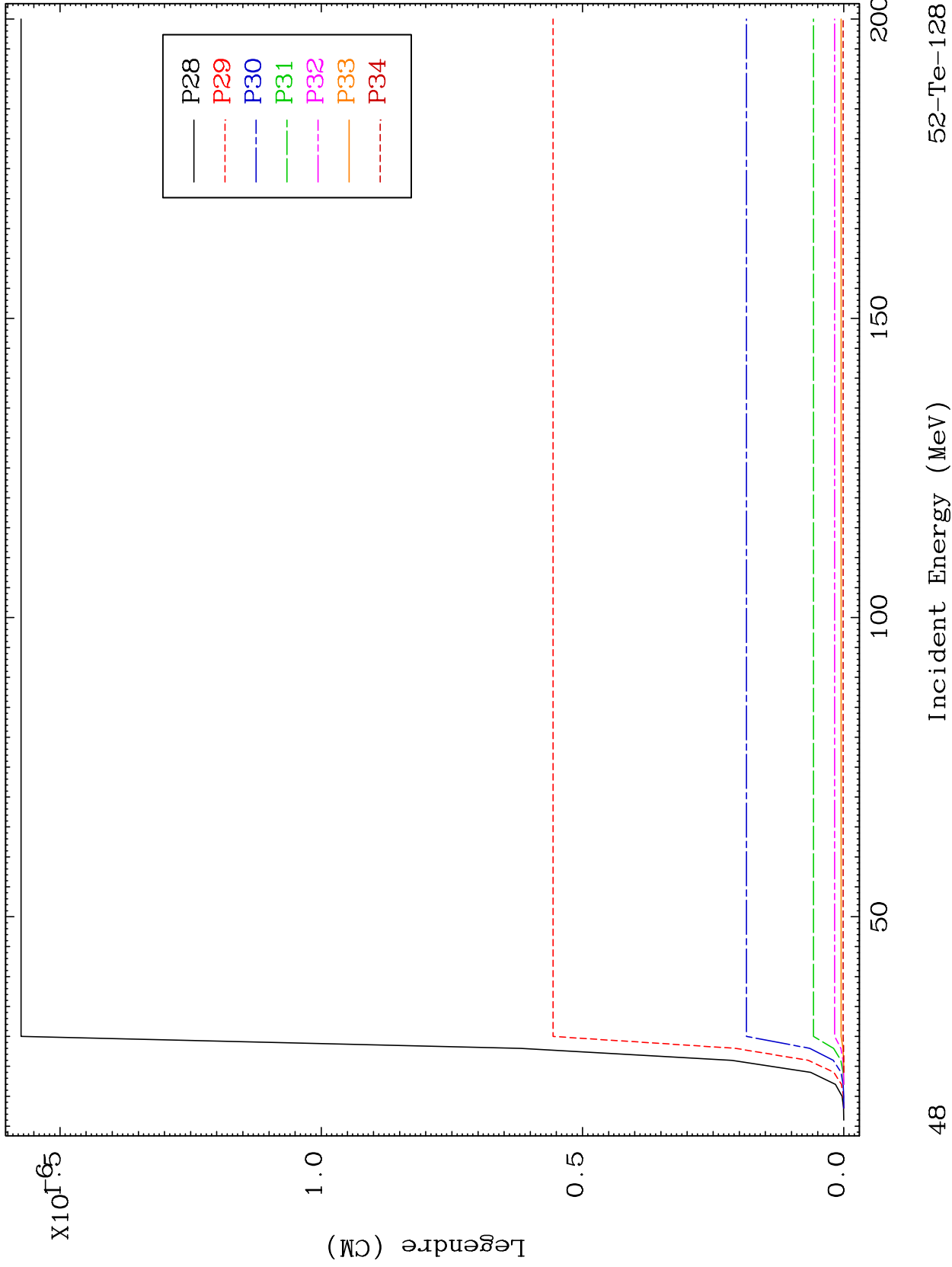




MAT 5249

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

52-Te-128



48

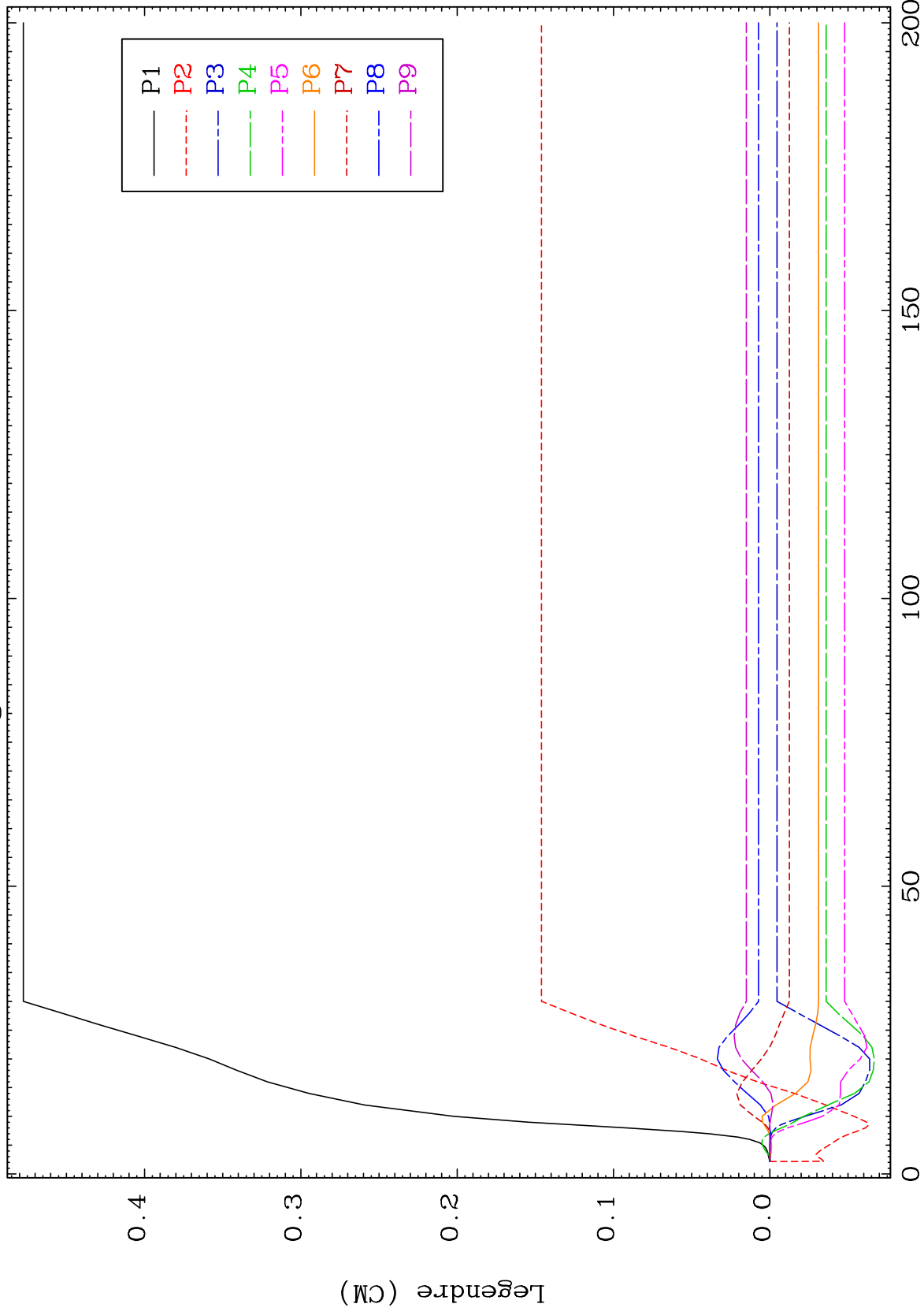
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



49

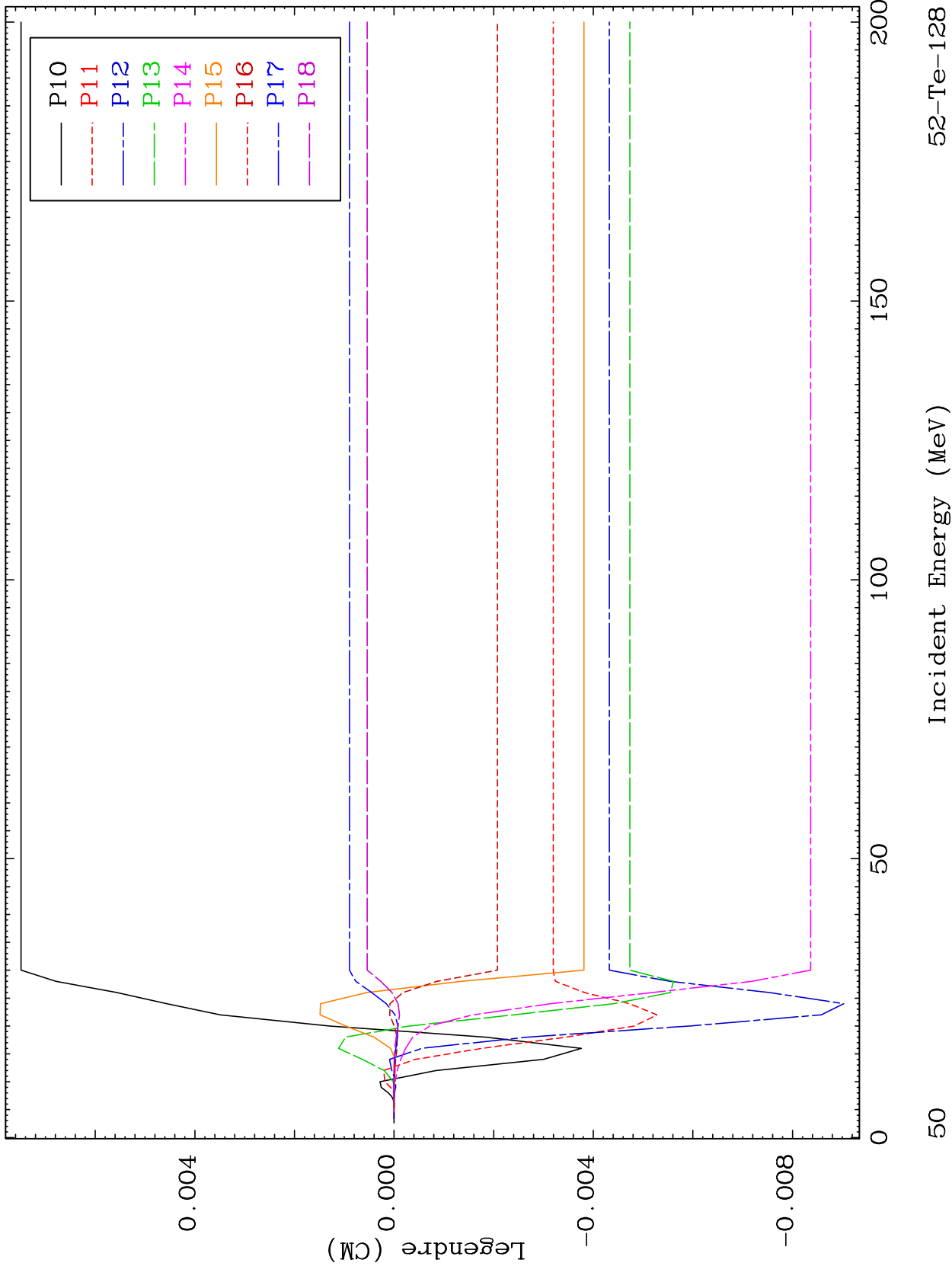
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



52-Te-128

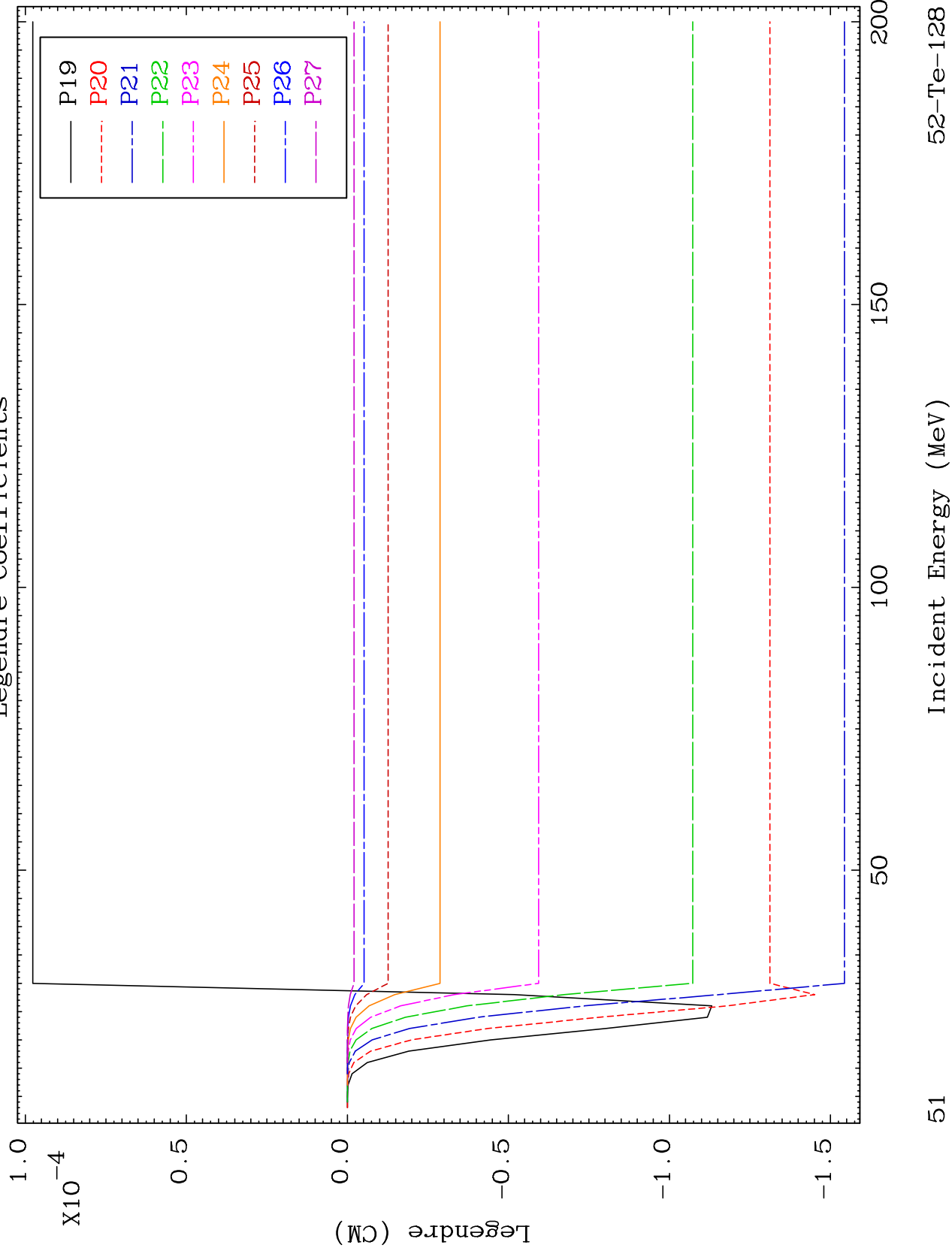
Incident Energy (MeV)

50

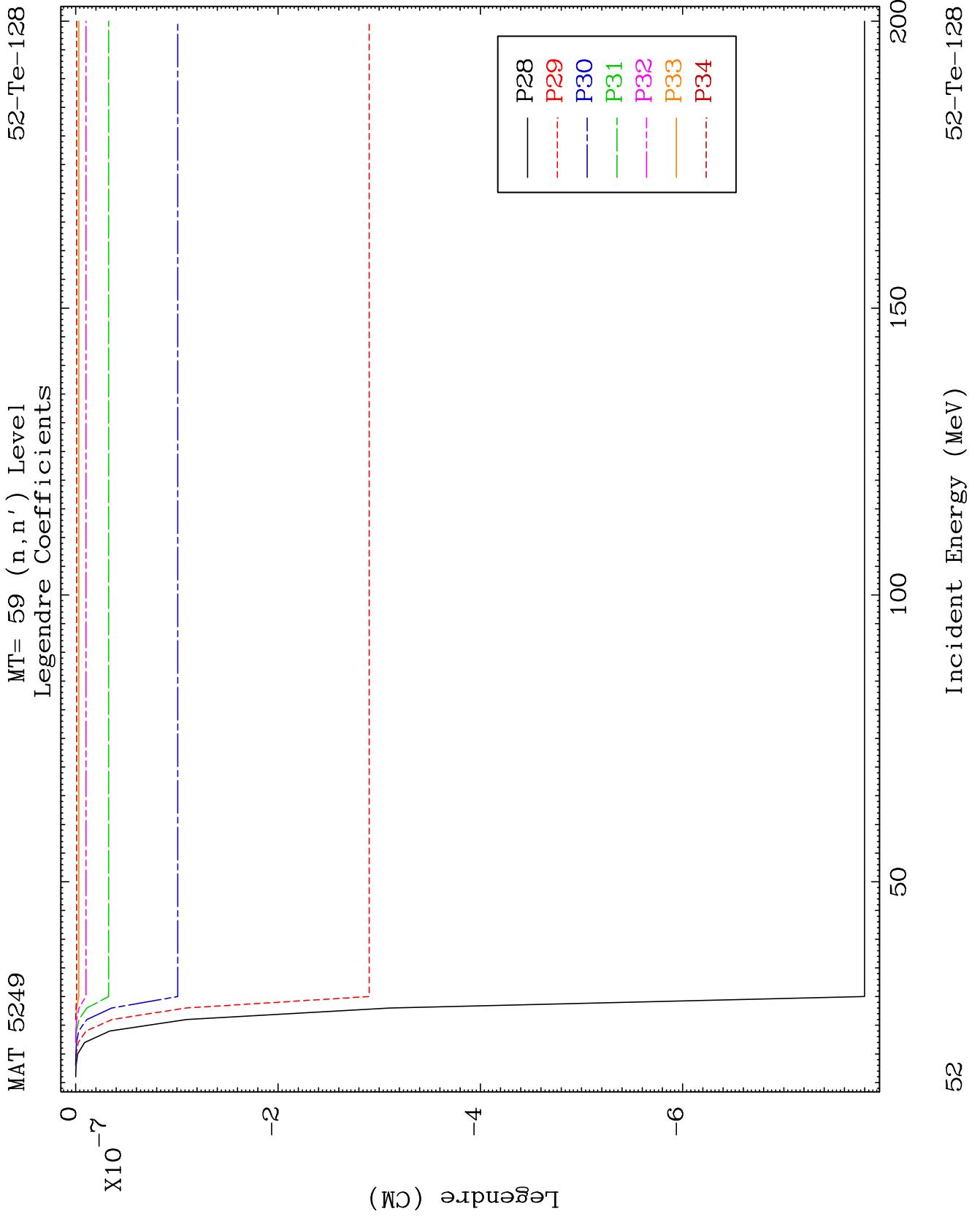
MAT 5249

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

52-Te-128



51

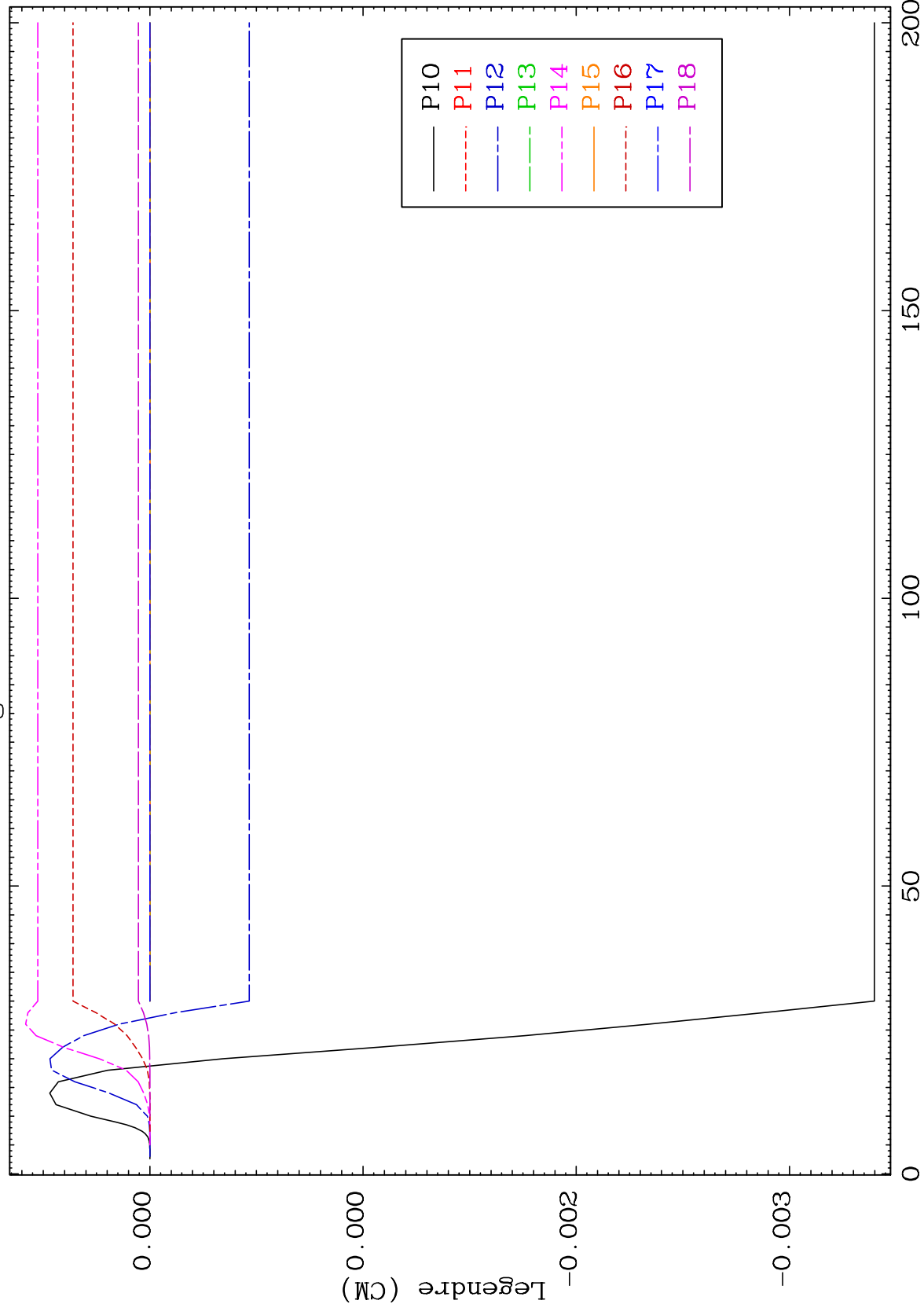




MAT 5249

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

52-Te-128



54

Incident Energy (MeV)

52-Te-128

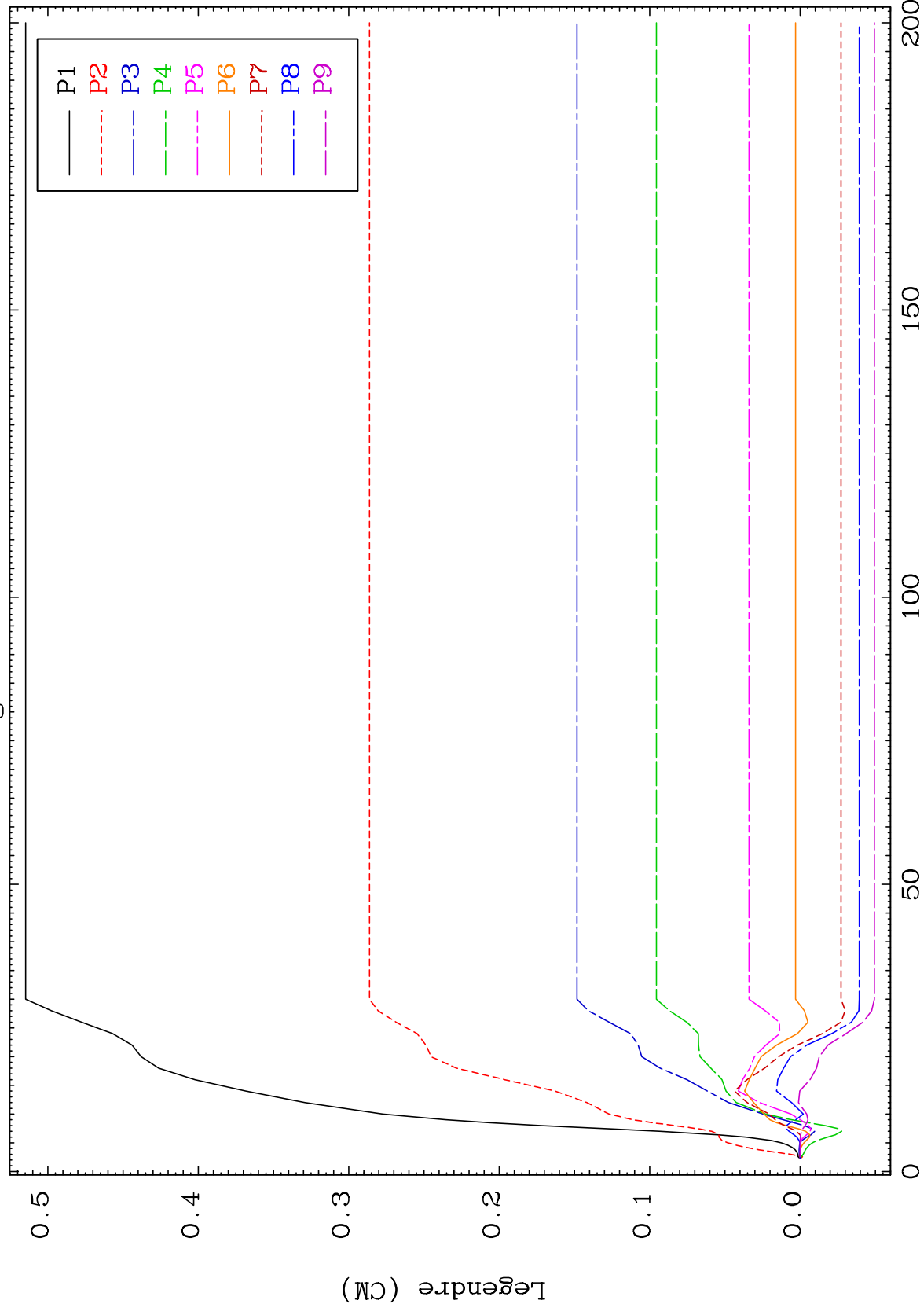




MAT 5249

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

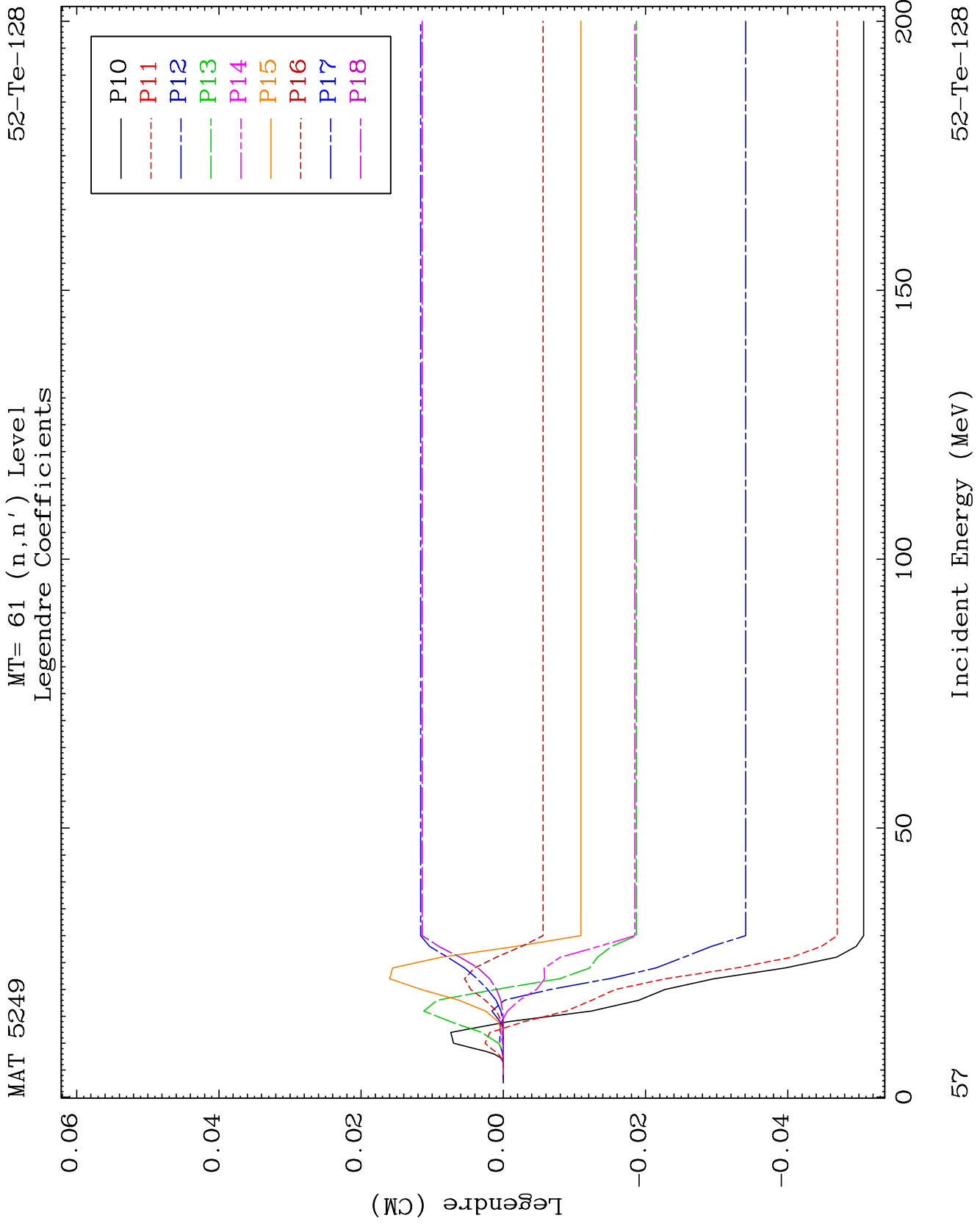
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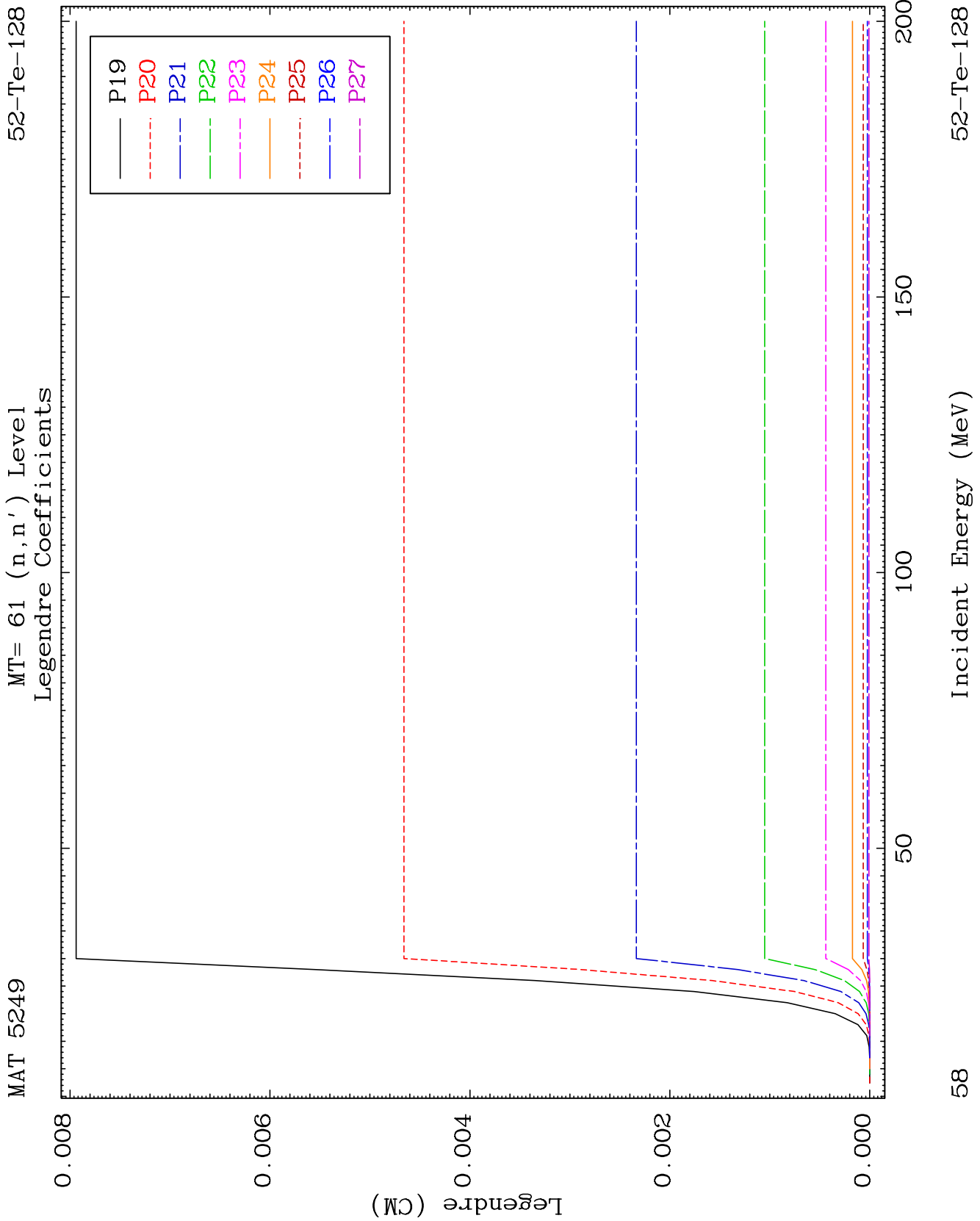


52-Te-128

Incident Energy (MeV)

56

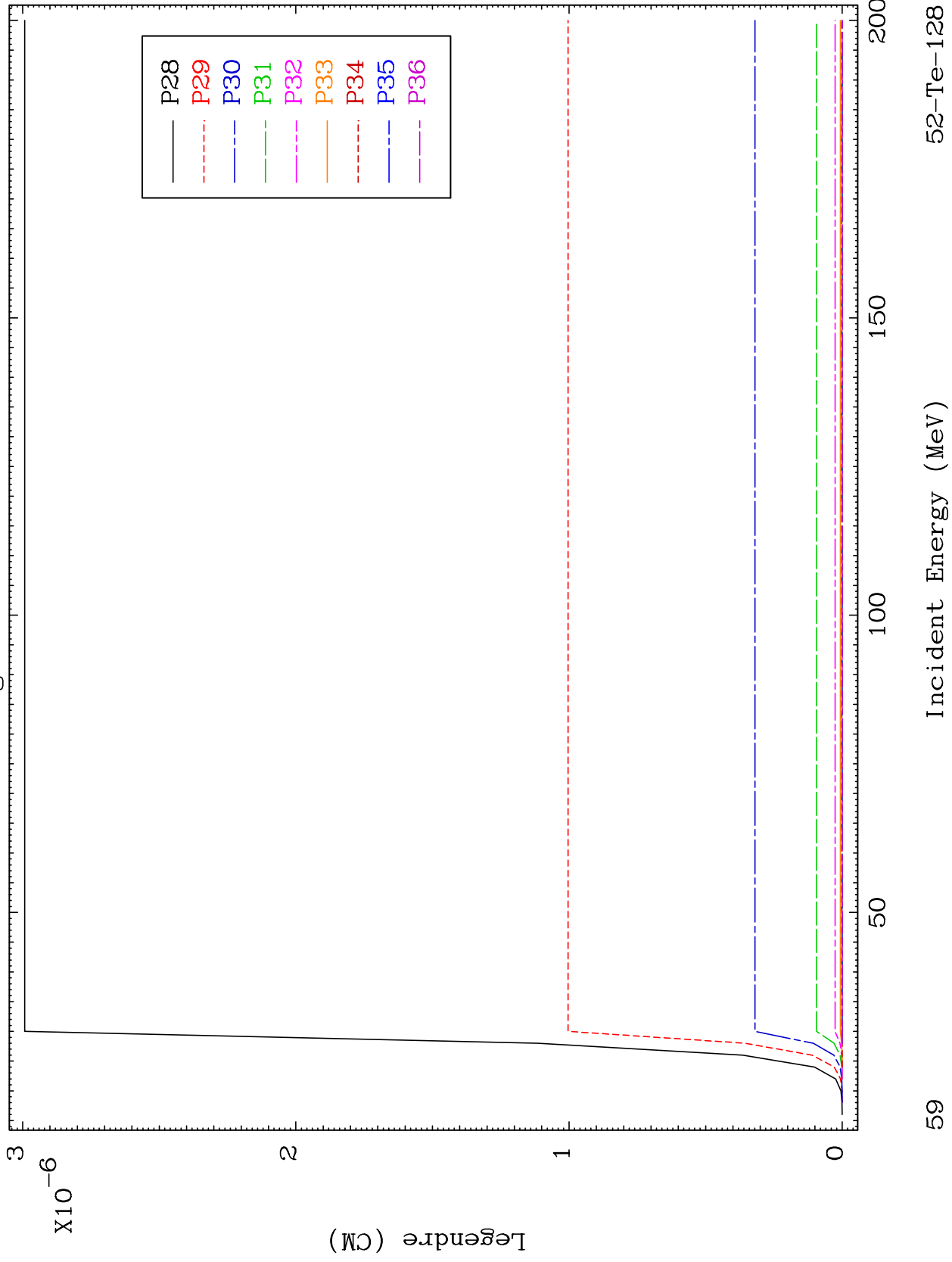




MAT 5249

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

52-Te-128



59

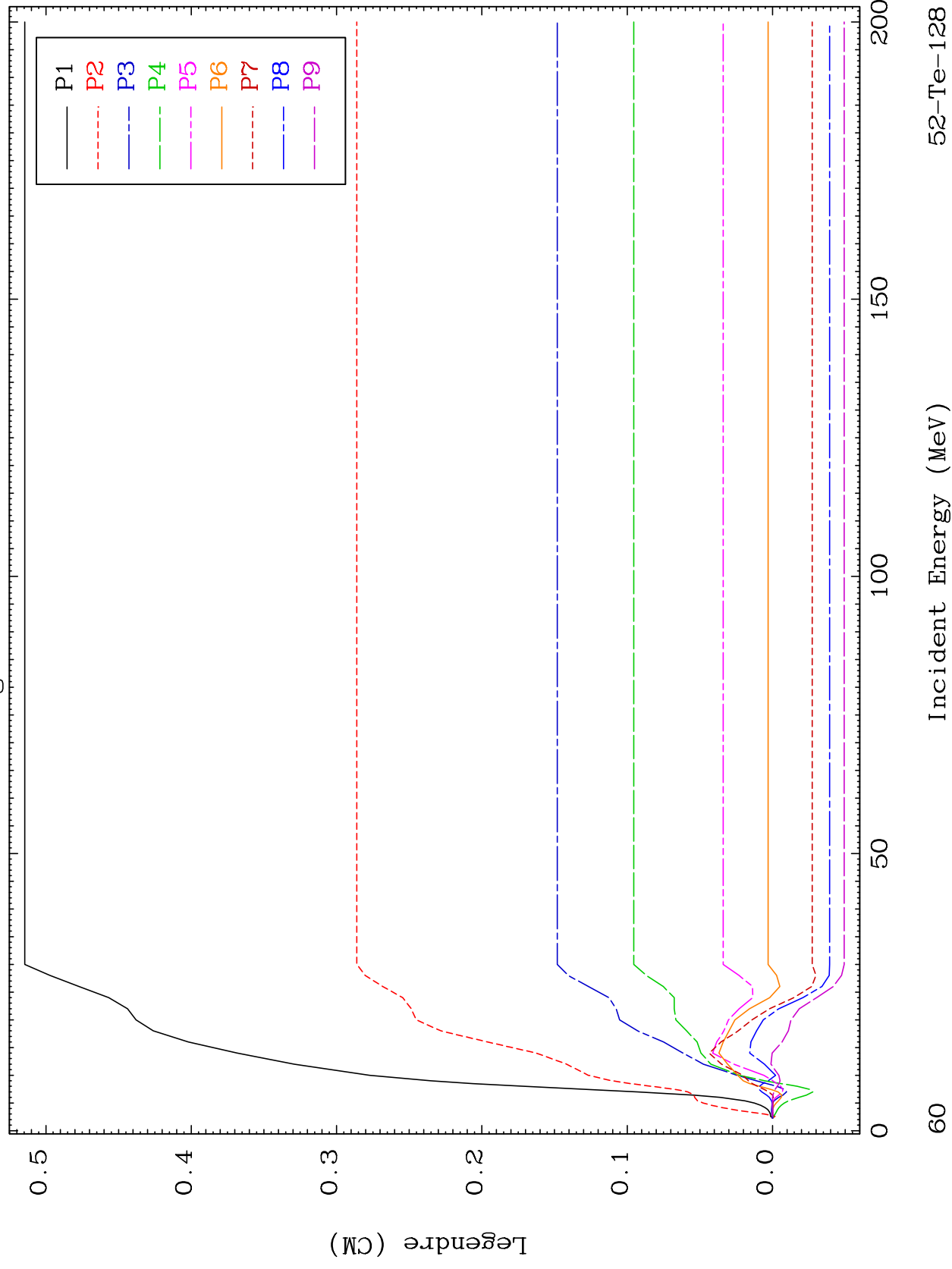
Incident Energy (MeV)

52-Te-128

MAT 5249

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

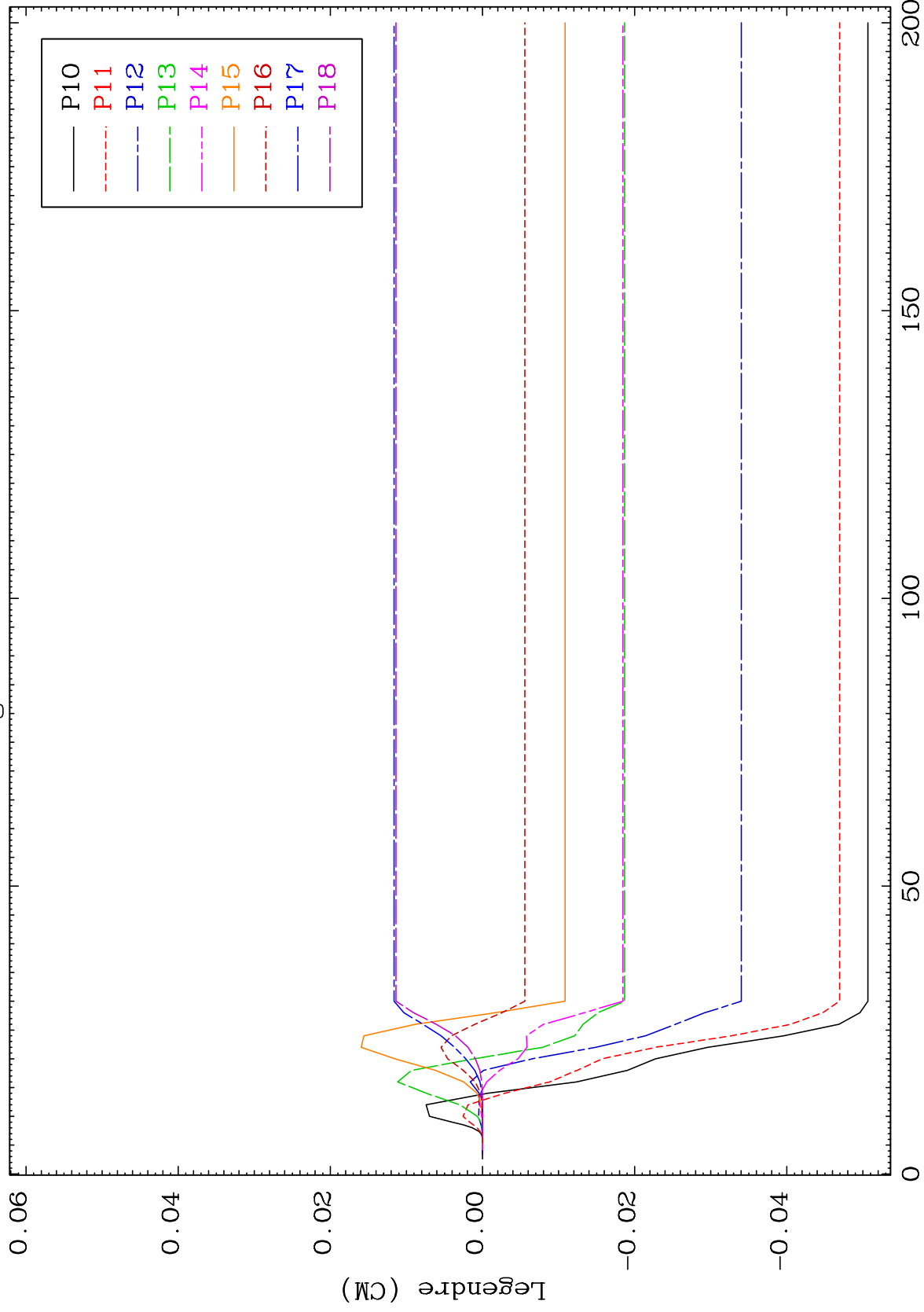
52-Te-128



MAT 5249

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

52-Te-128



61

Incident Energy (MeV)

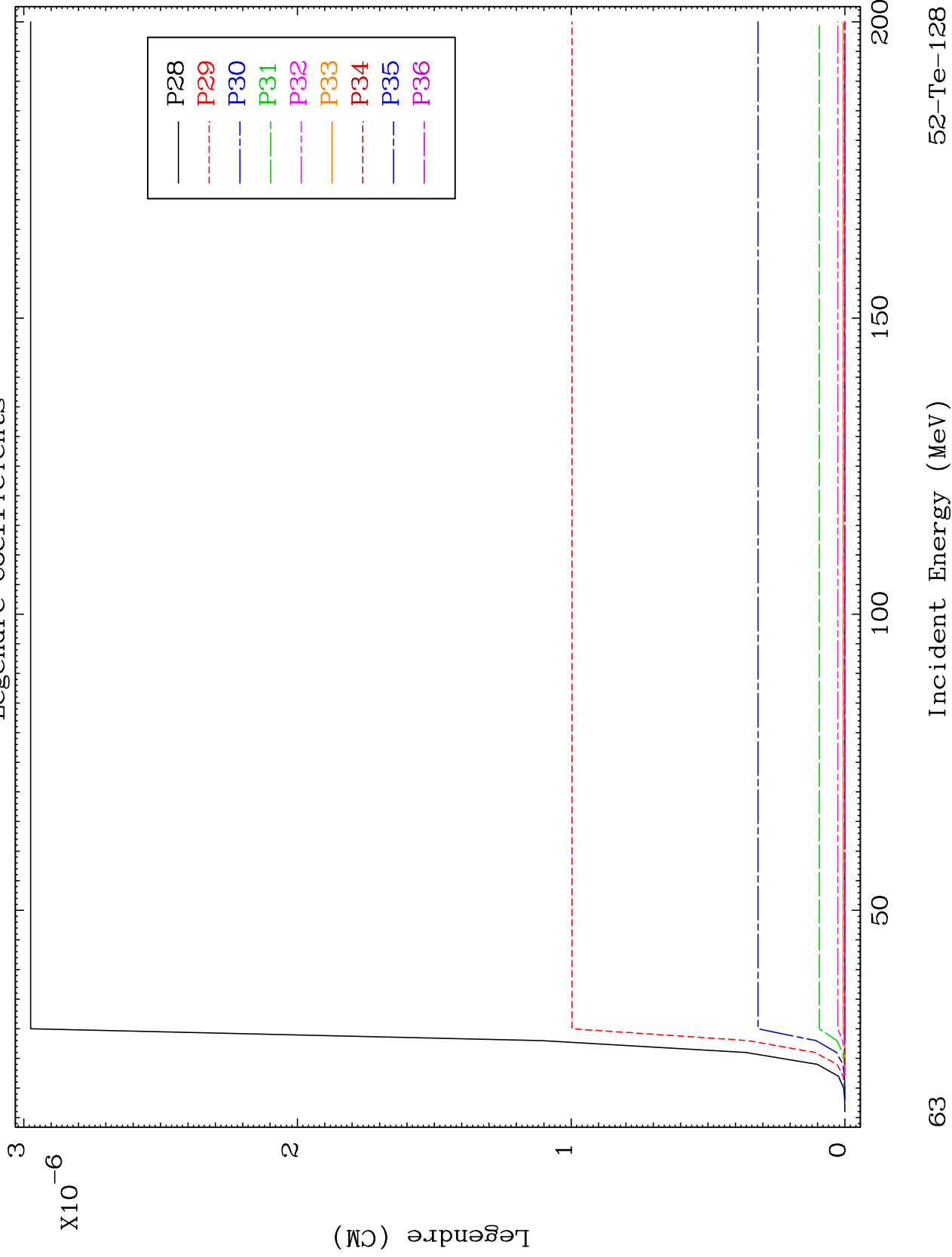
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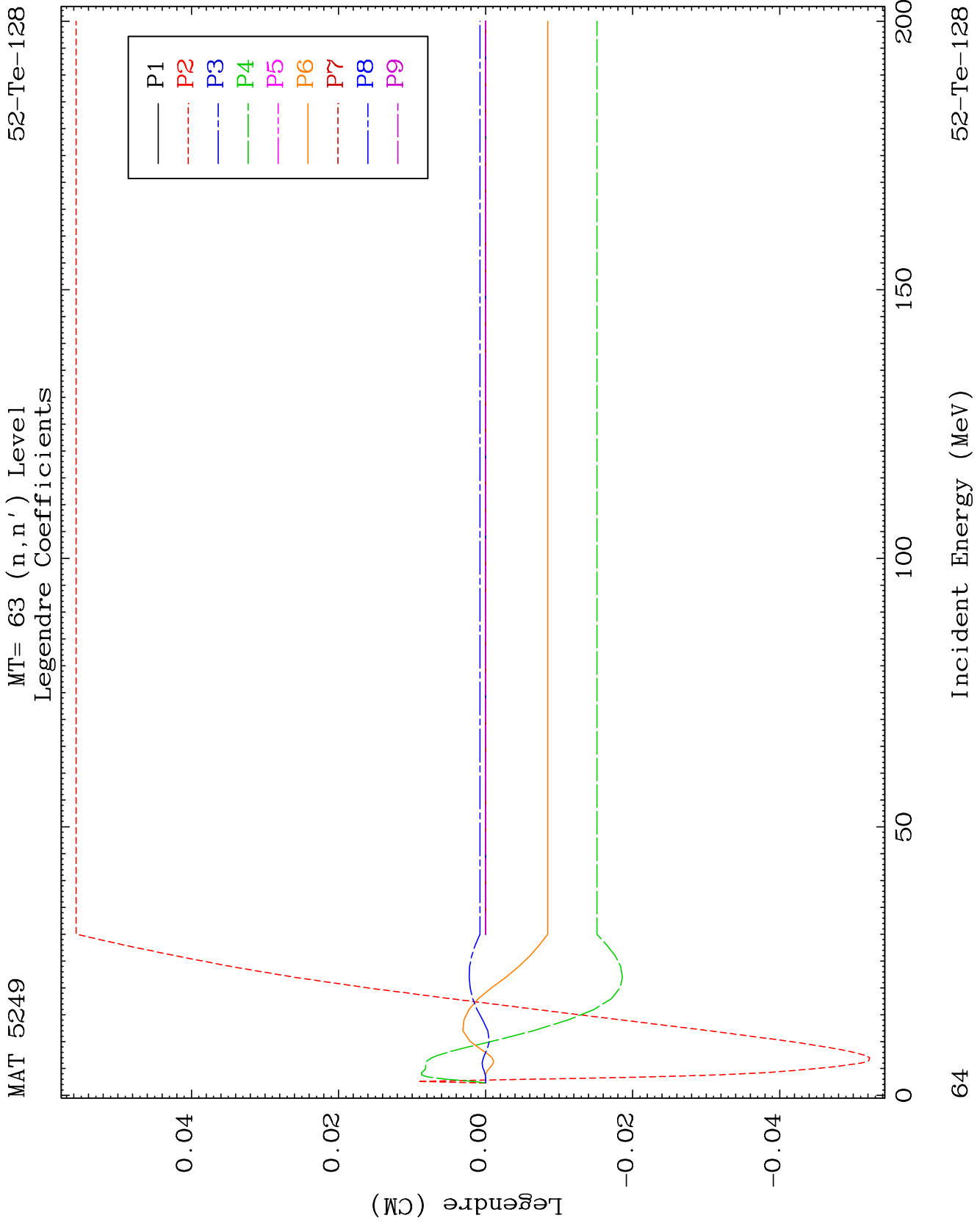
MAT 5249

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

52-Te-128



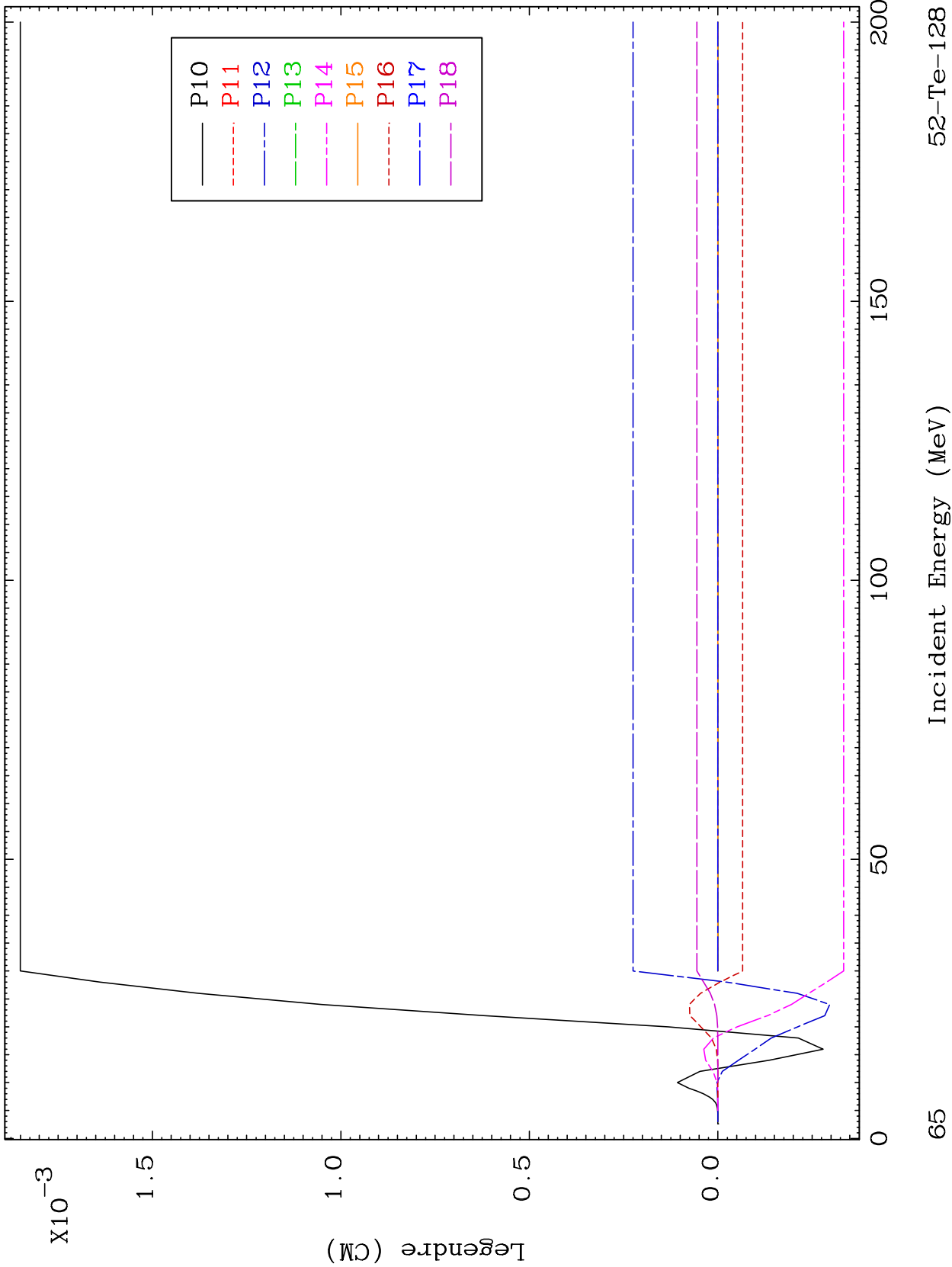




MAT 5249

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

52-Te-128

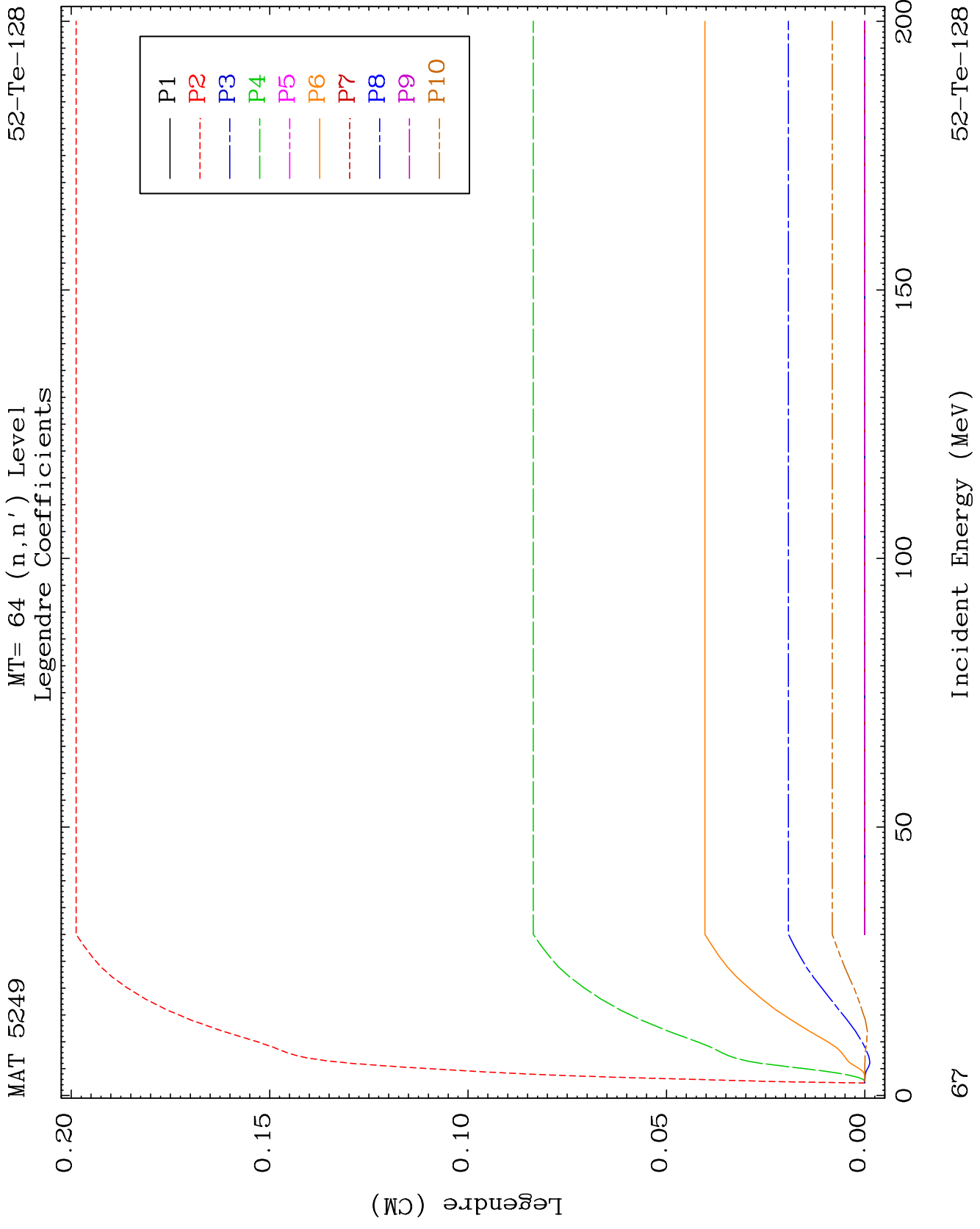


65

Incident Energy (MeV)

52-Te-128

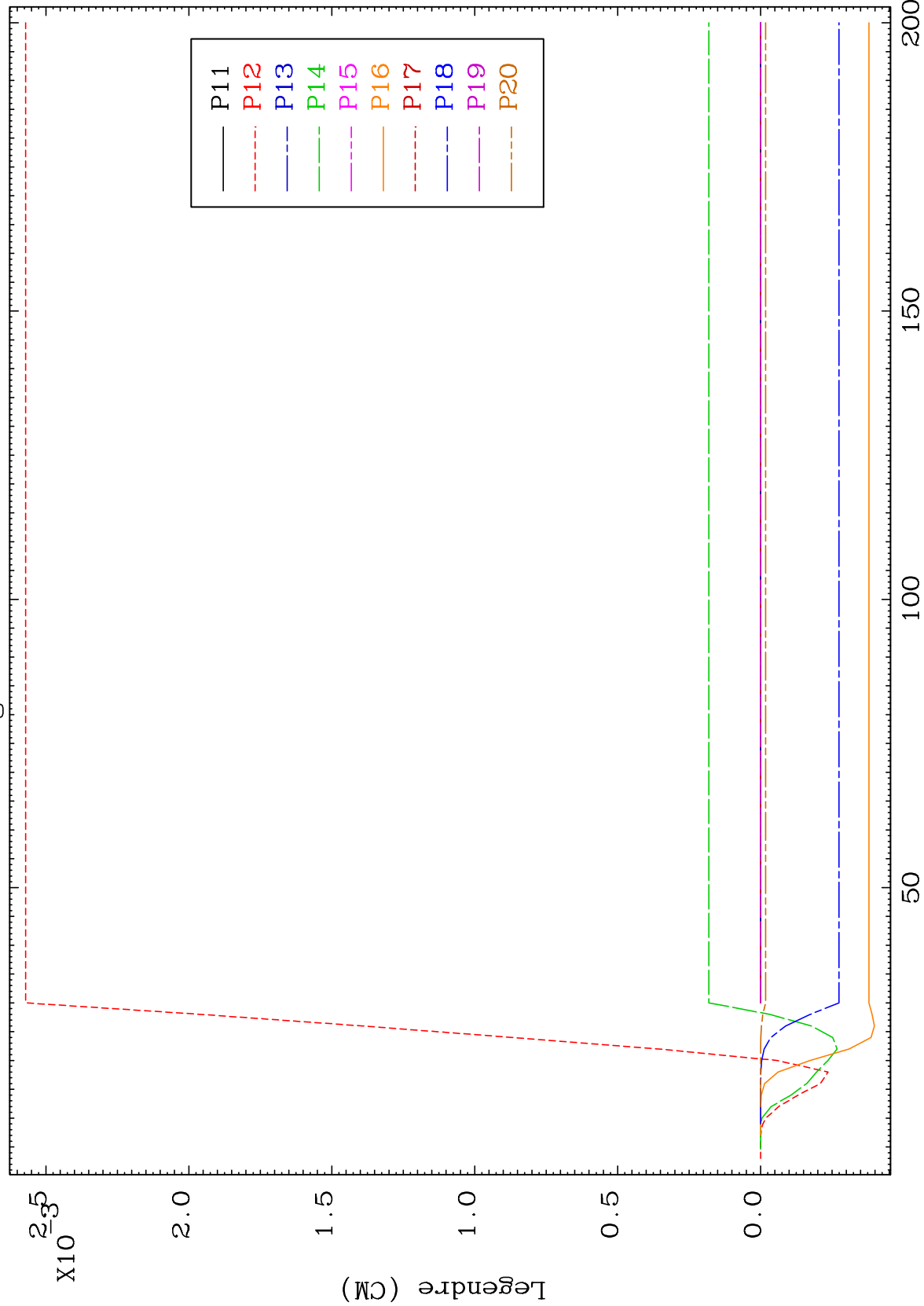




MAT 5249

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

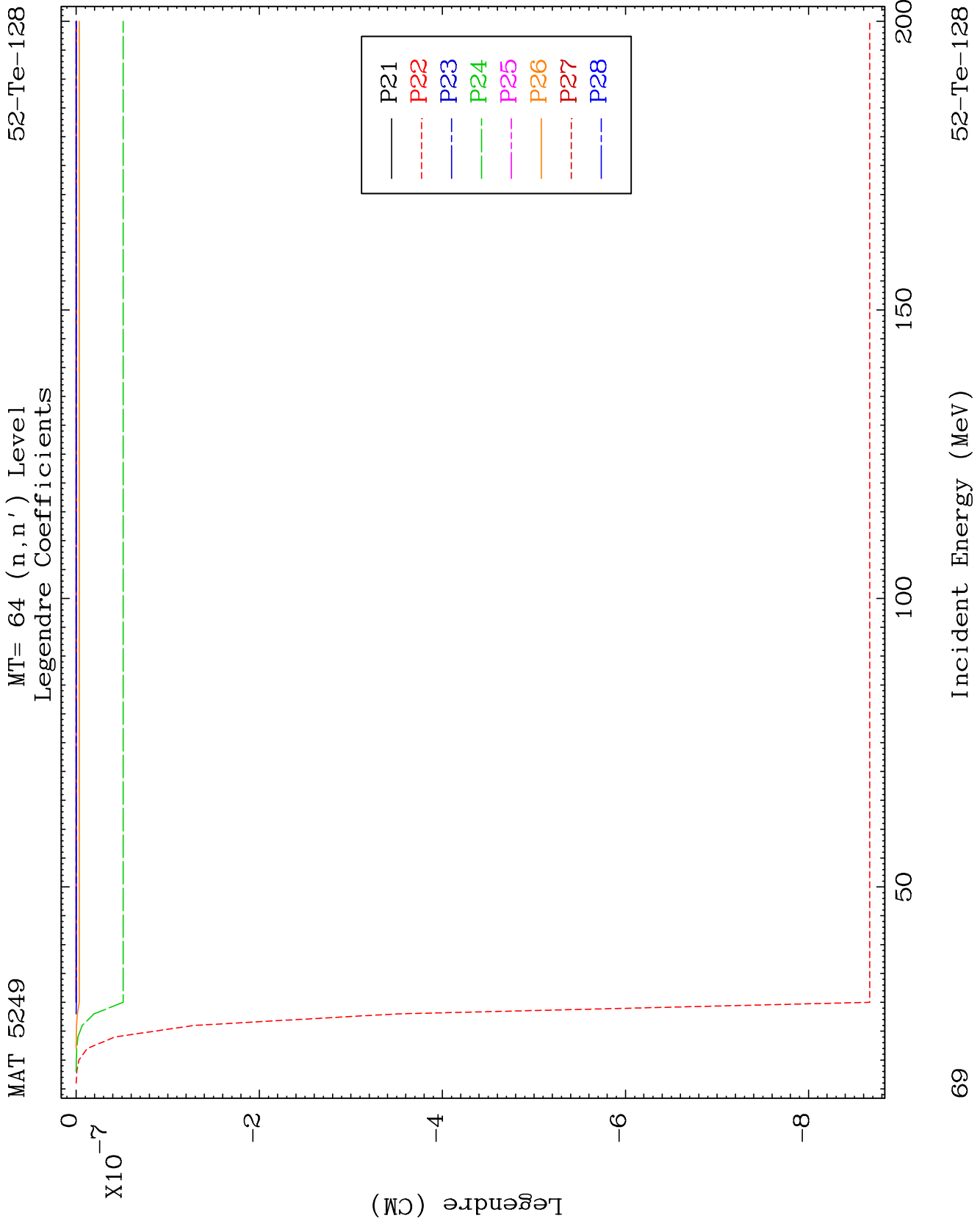
52-Te-128



68

Incident Energy (MeV)

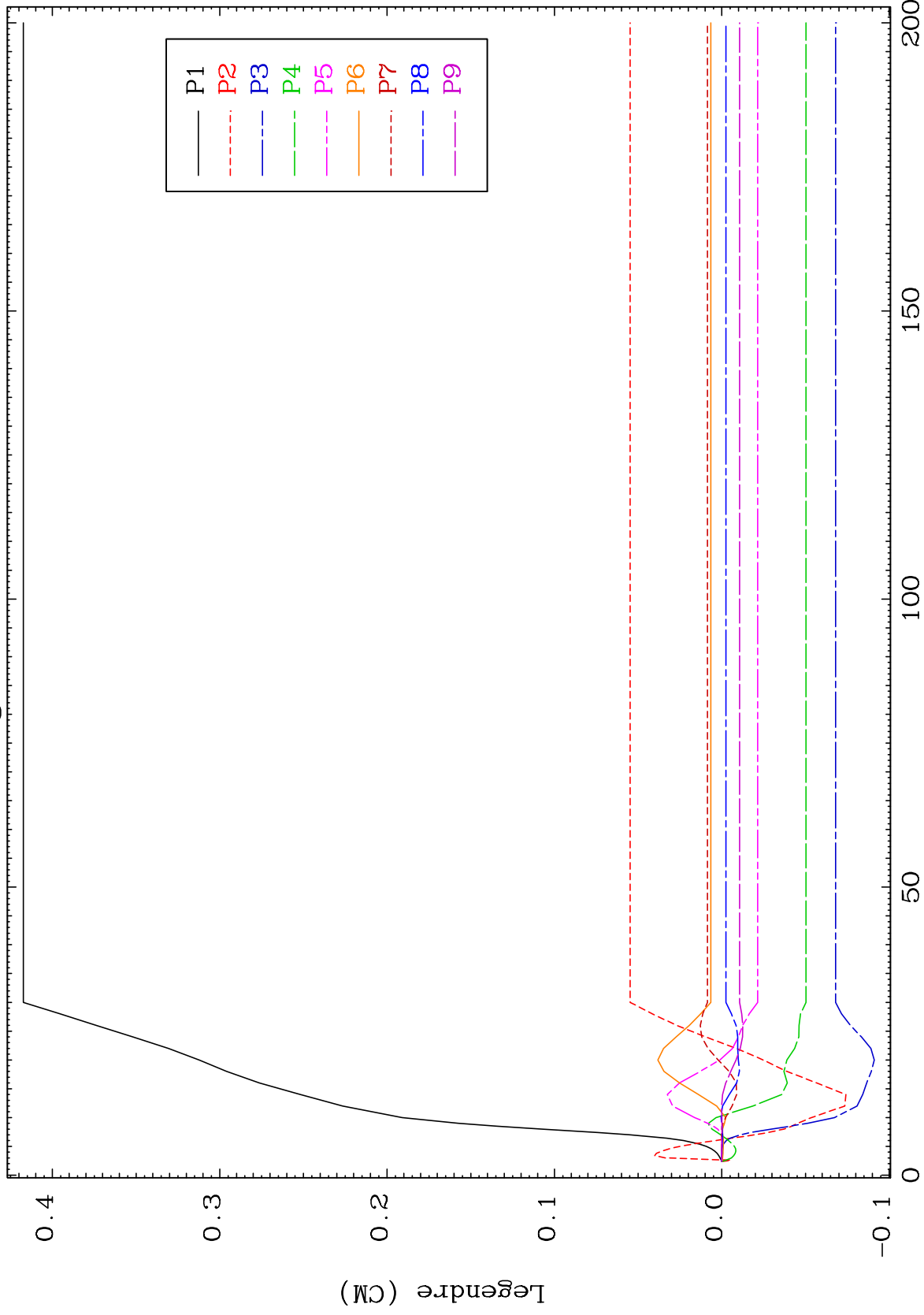
52-Te-128



MAT 5249

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

52-Te-128



70

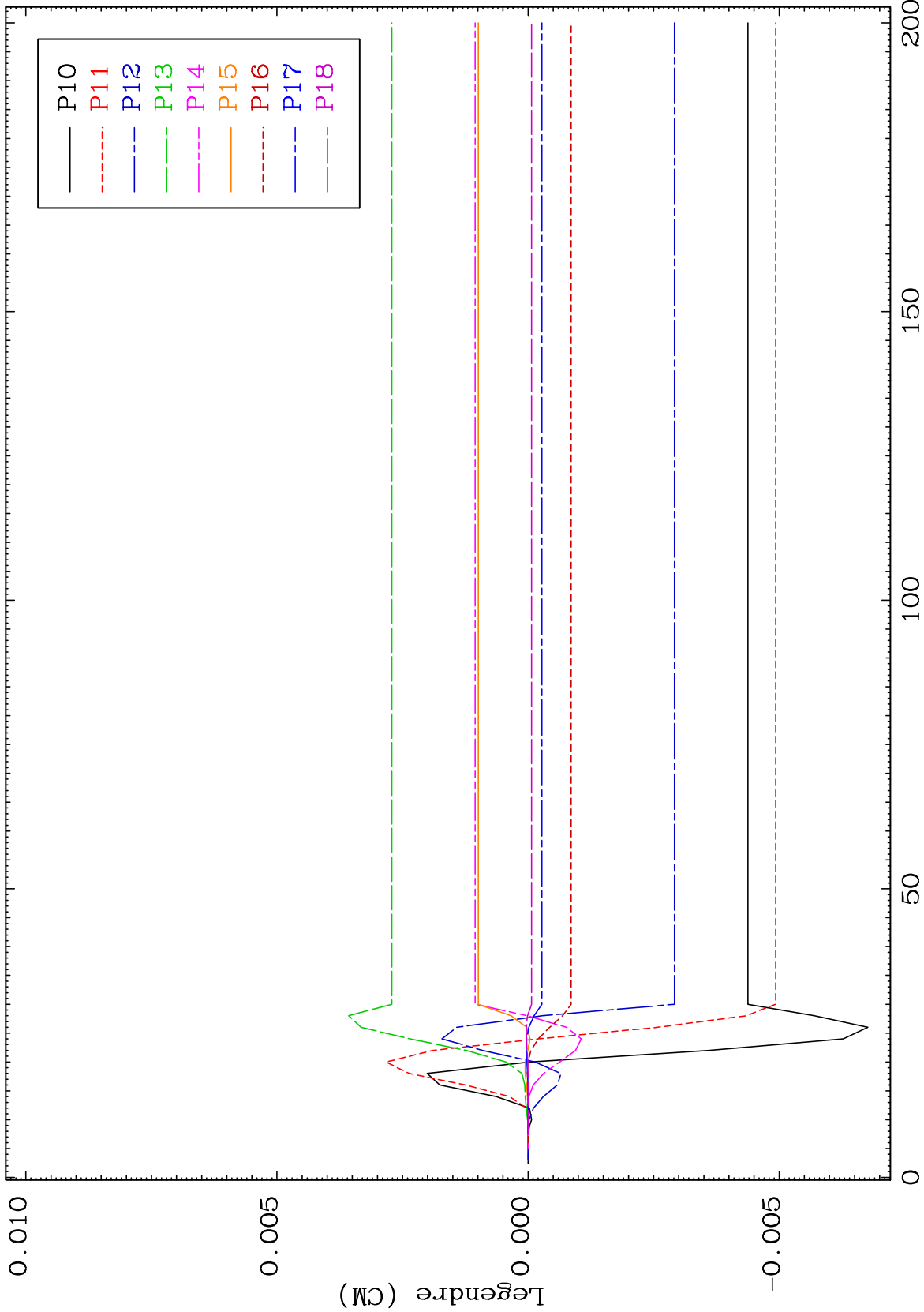
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128

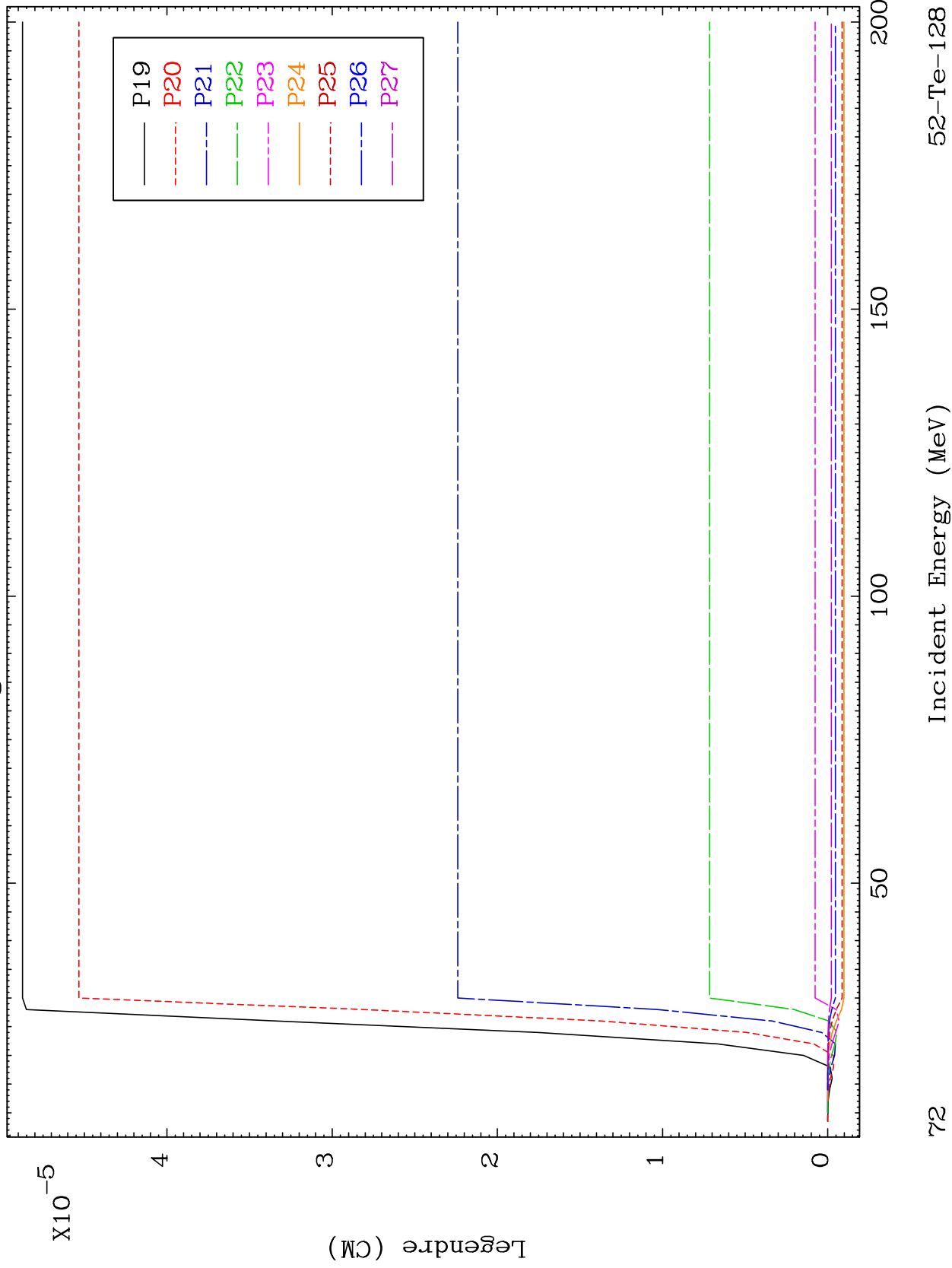


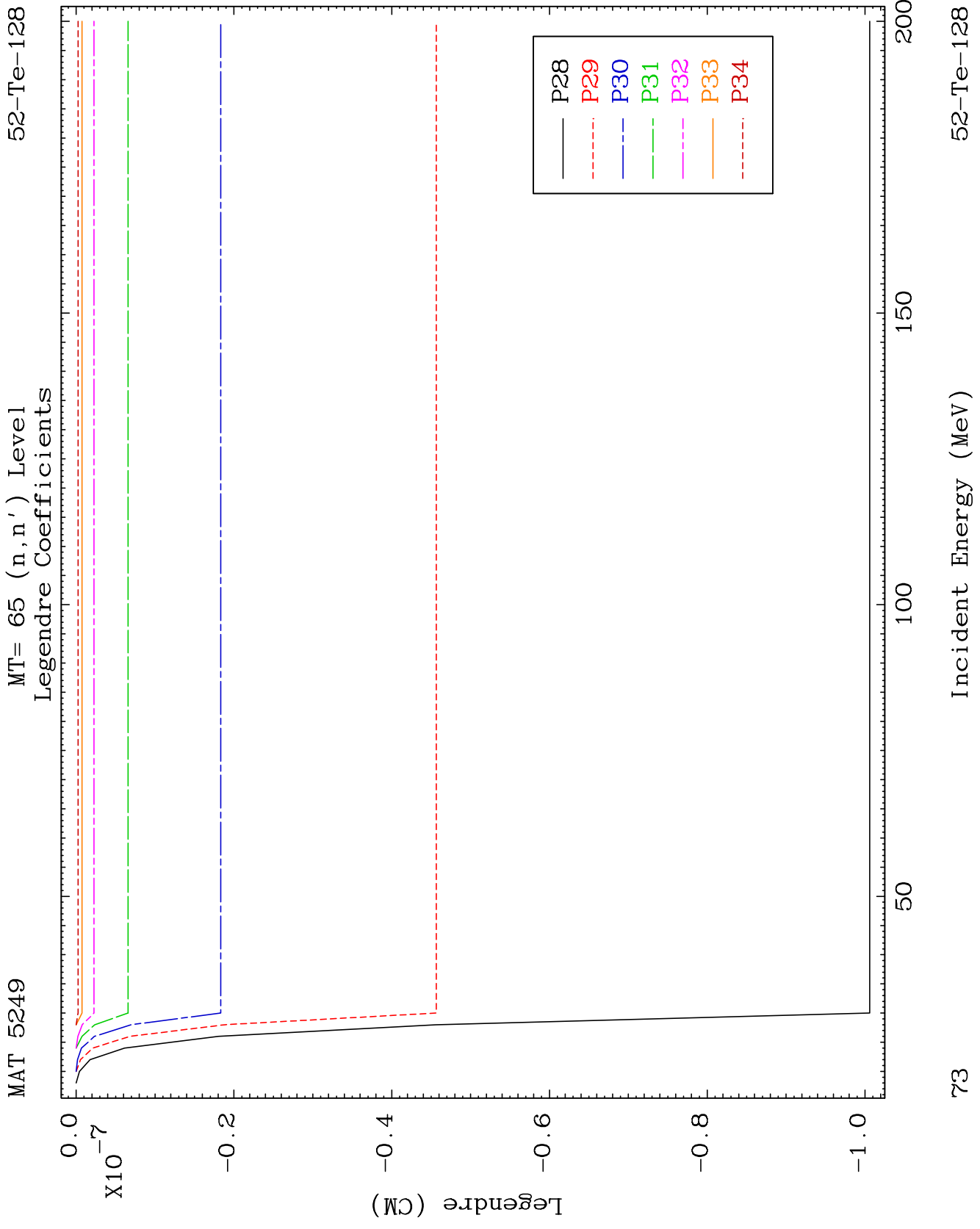


MAT 5249

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

52-Te-128

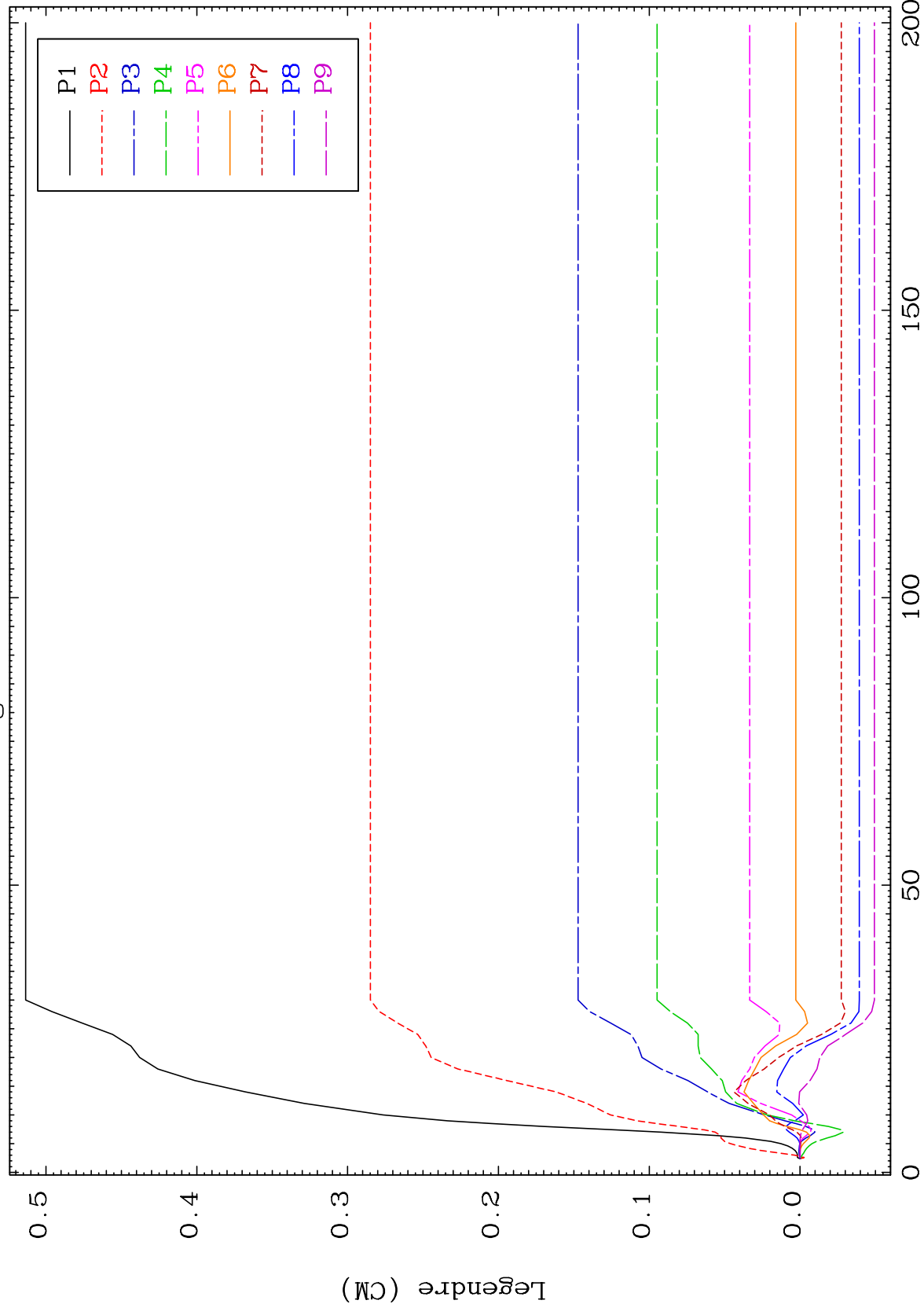




MAT 5249

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

52-Te-128



74

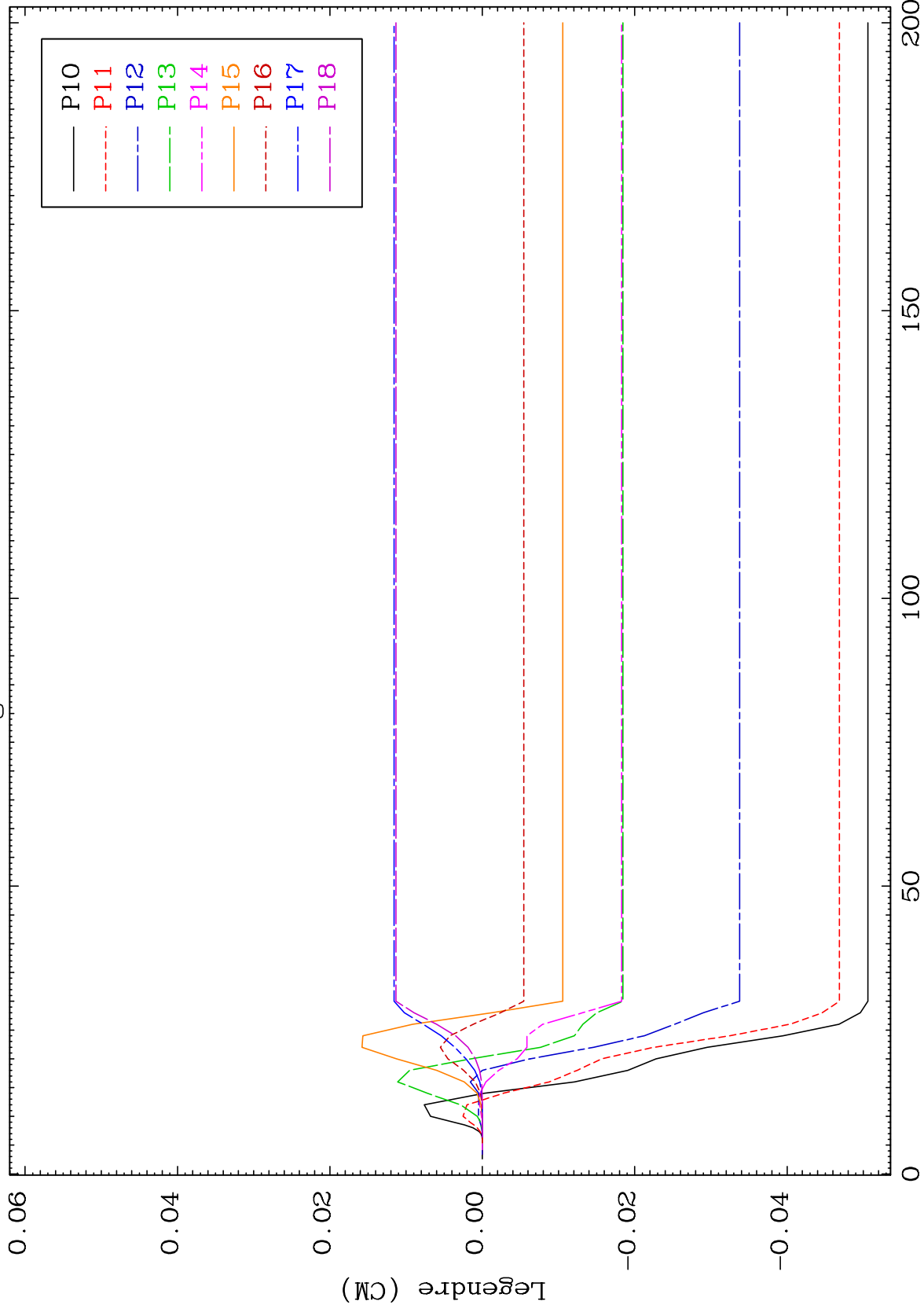
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



75

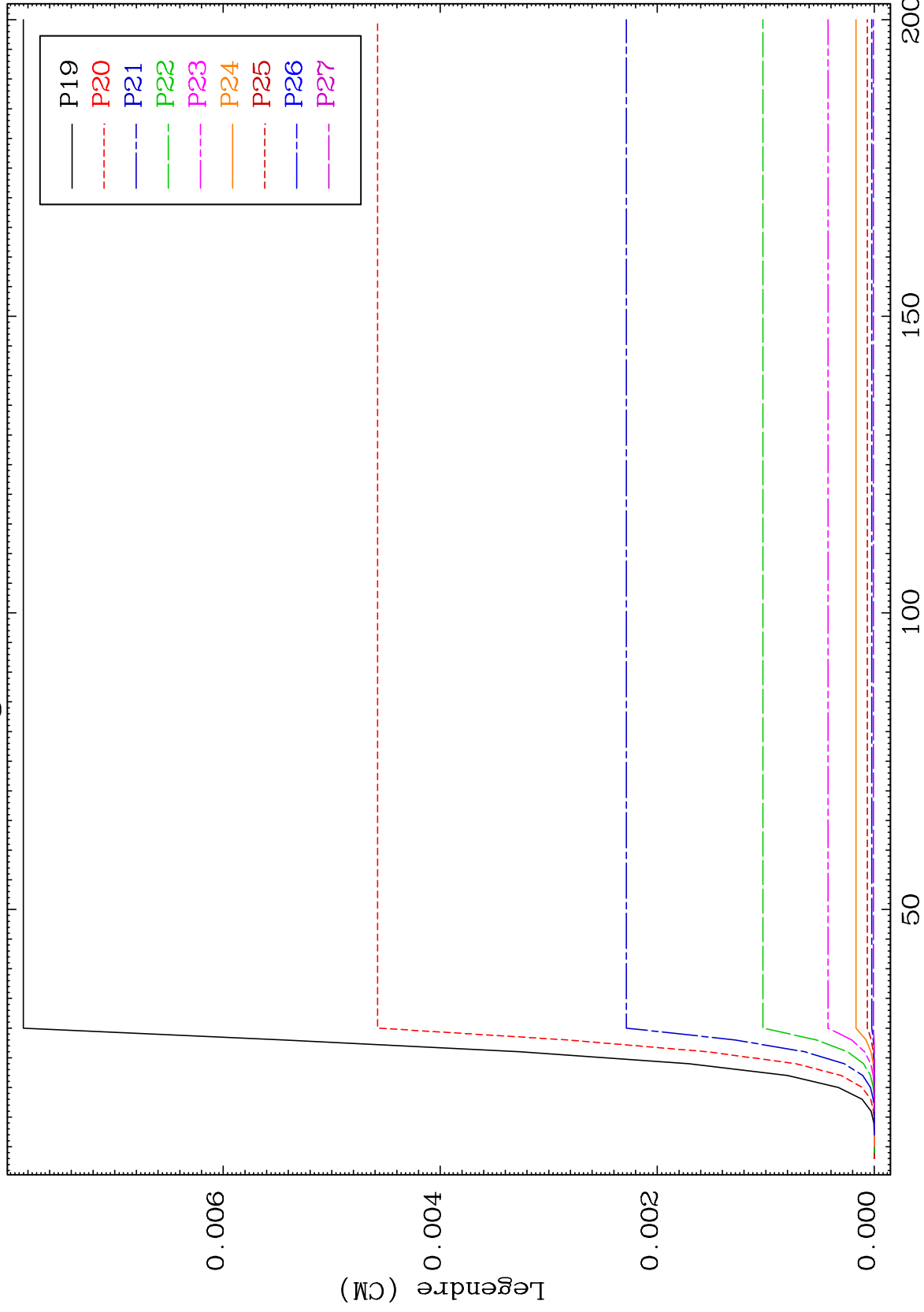
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



76

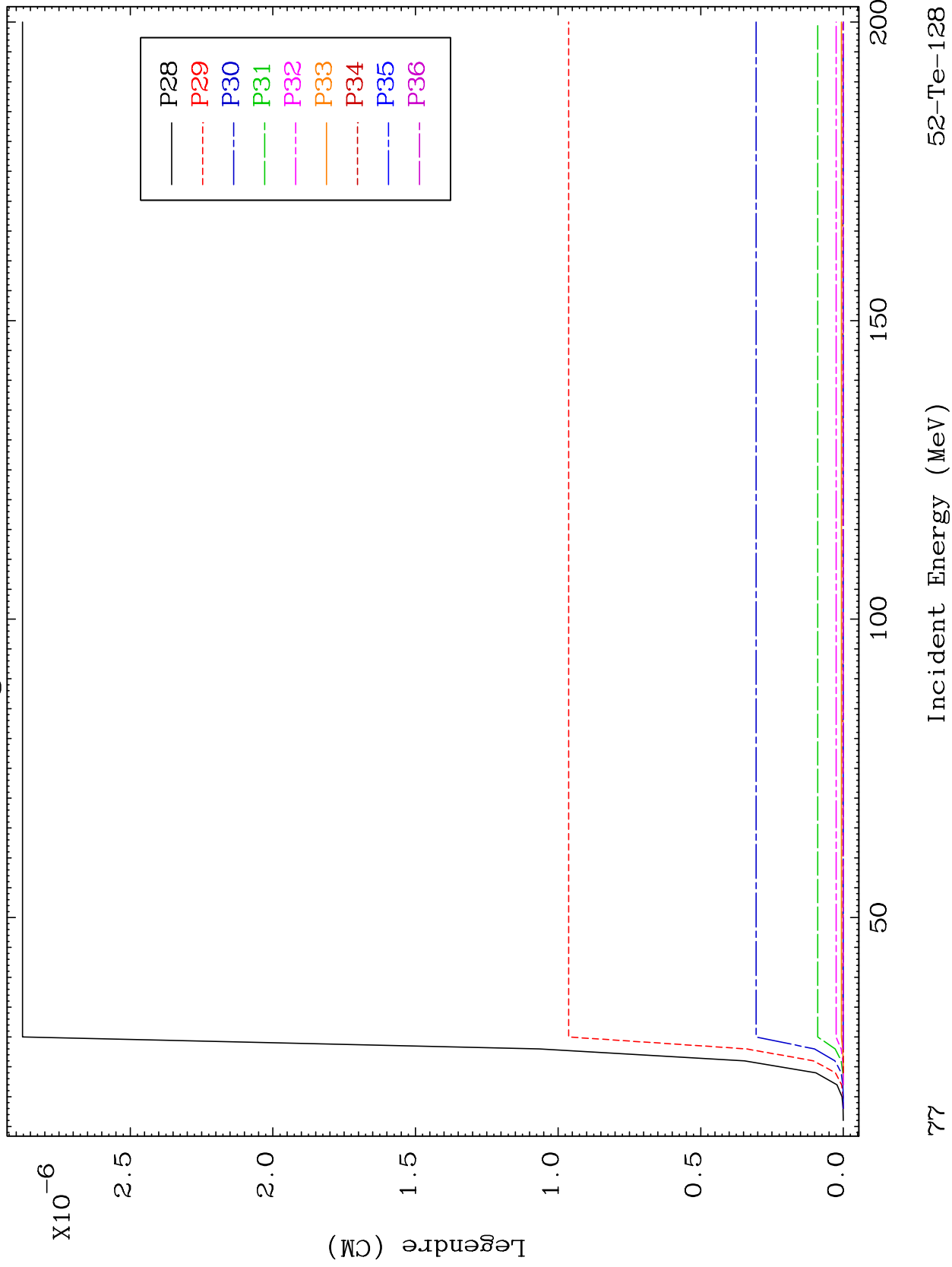
Incident Energy (MeV)

52-Te-128

MAT 5249

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

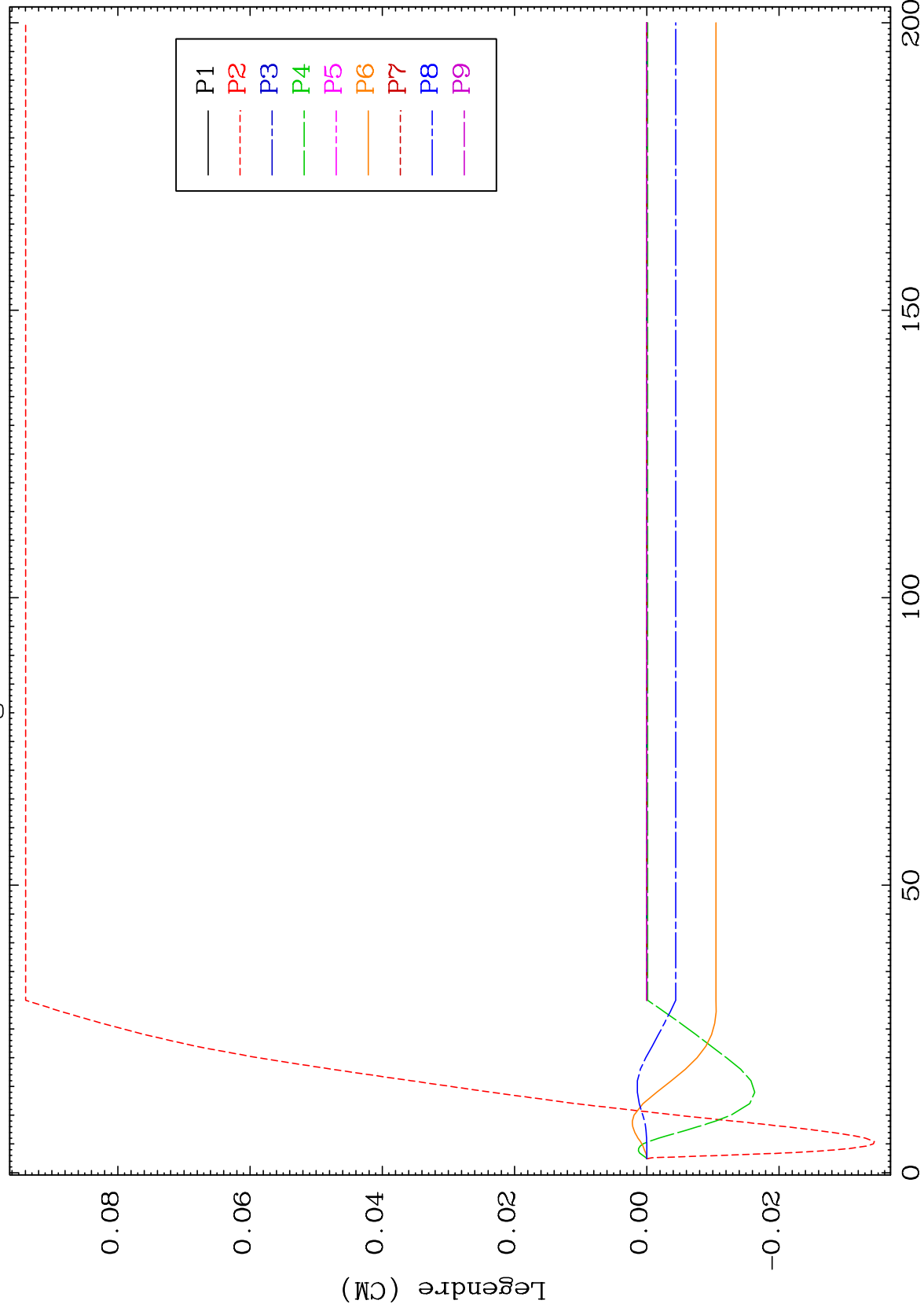
52-Te-128



MAT 5249

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

52-Te-128



52-Te-128

Incident Energy (MeV)

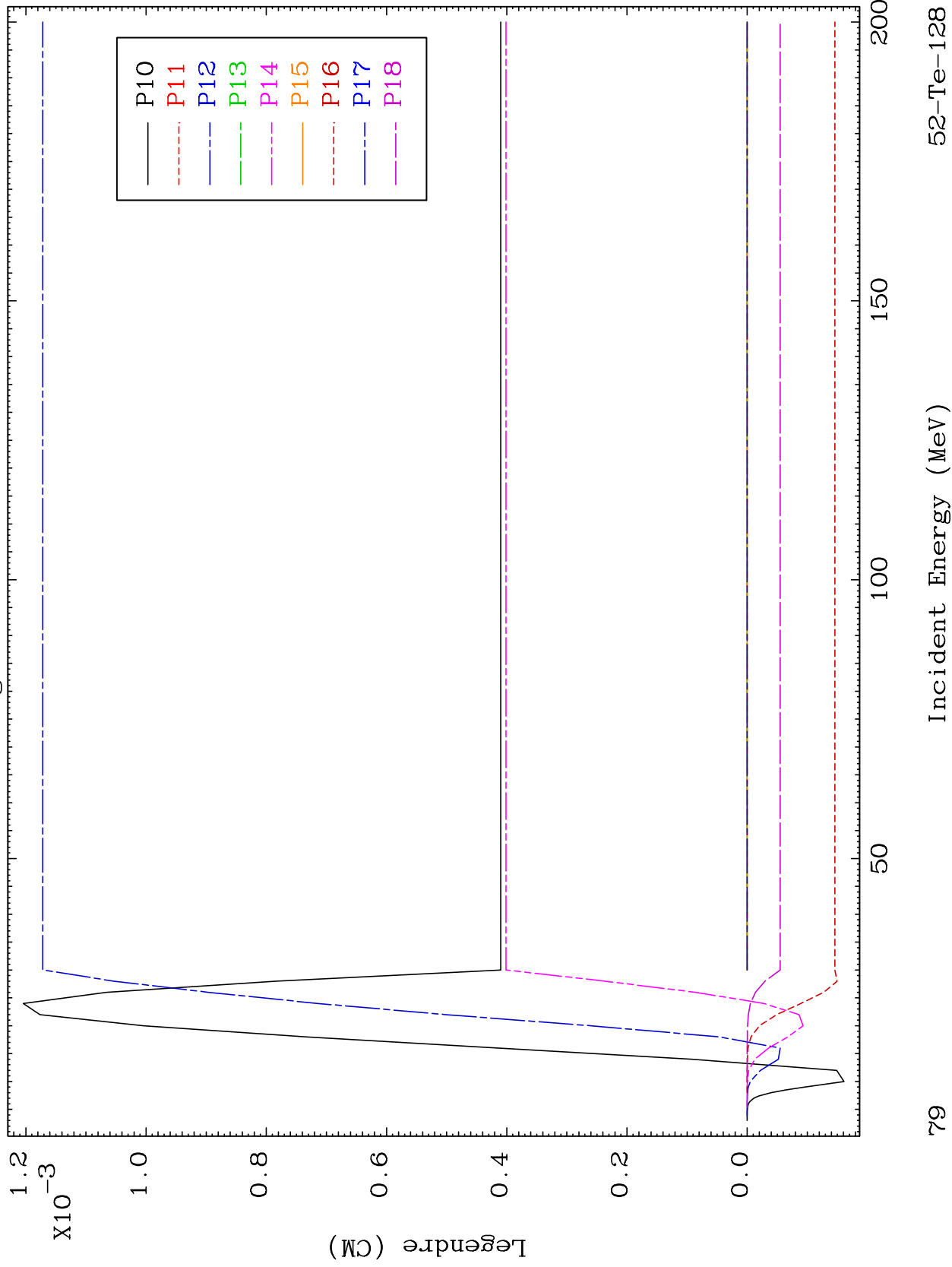
78

MAT 5249

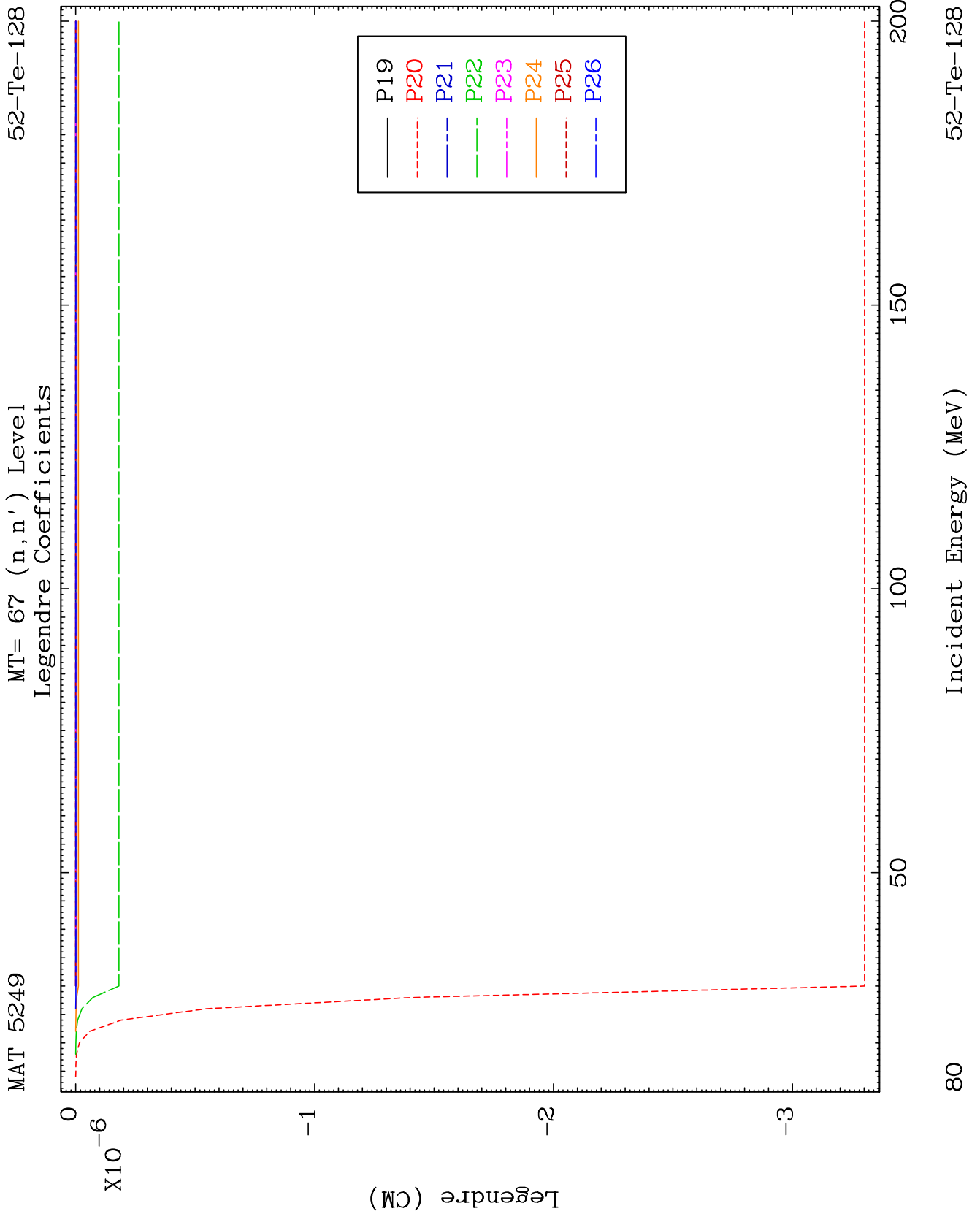
MT= 67 (n,n') Level

52-Te-128

Legendre Coefficients



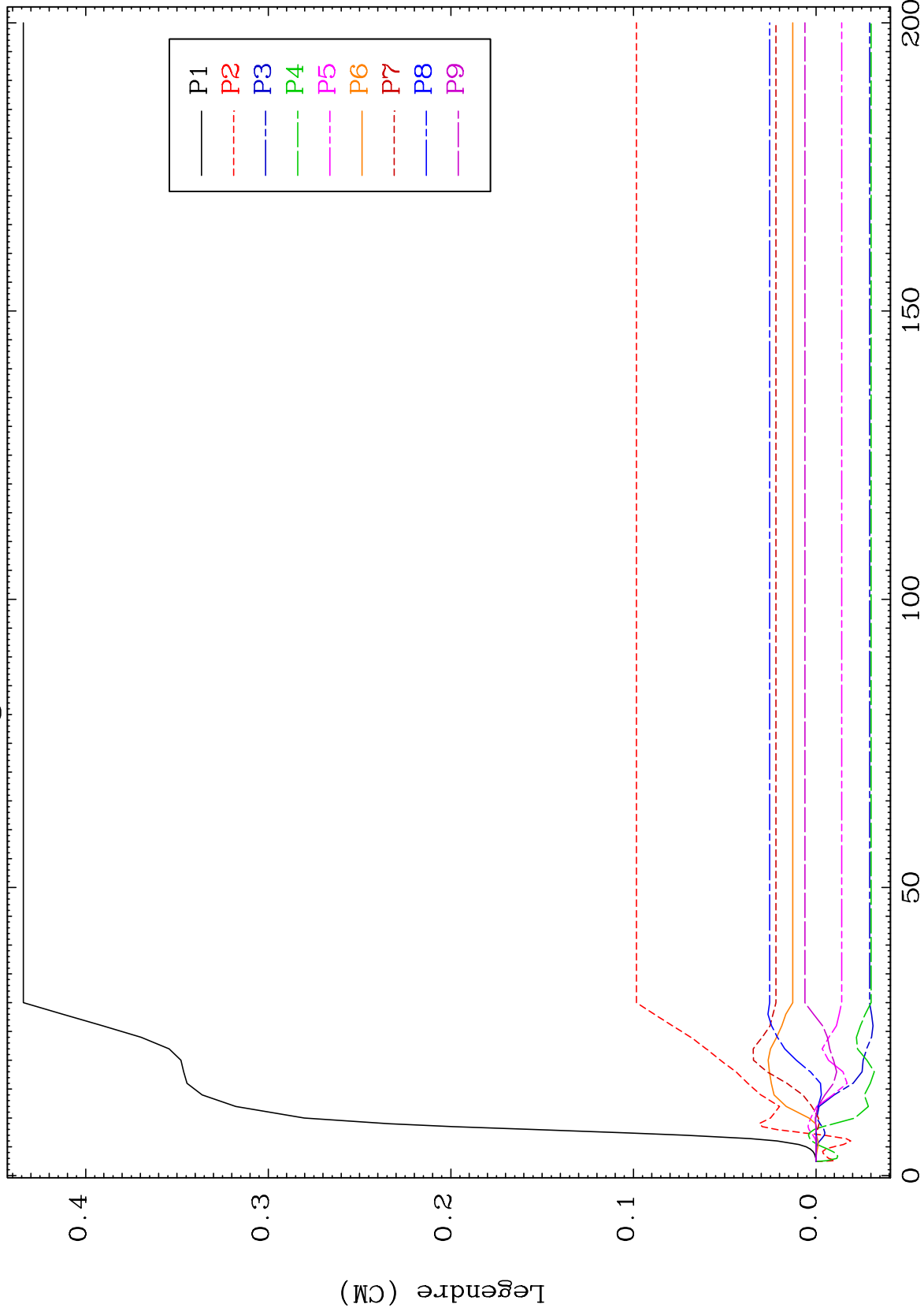




MAT 5249

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

52-Te-128



81

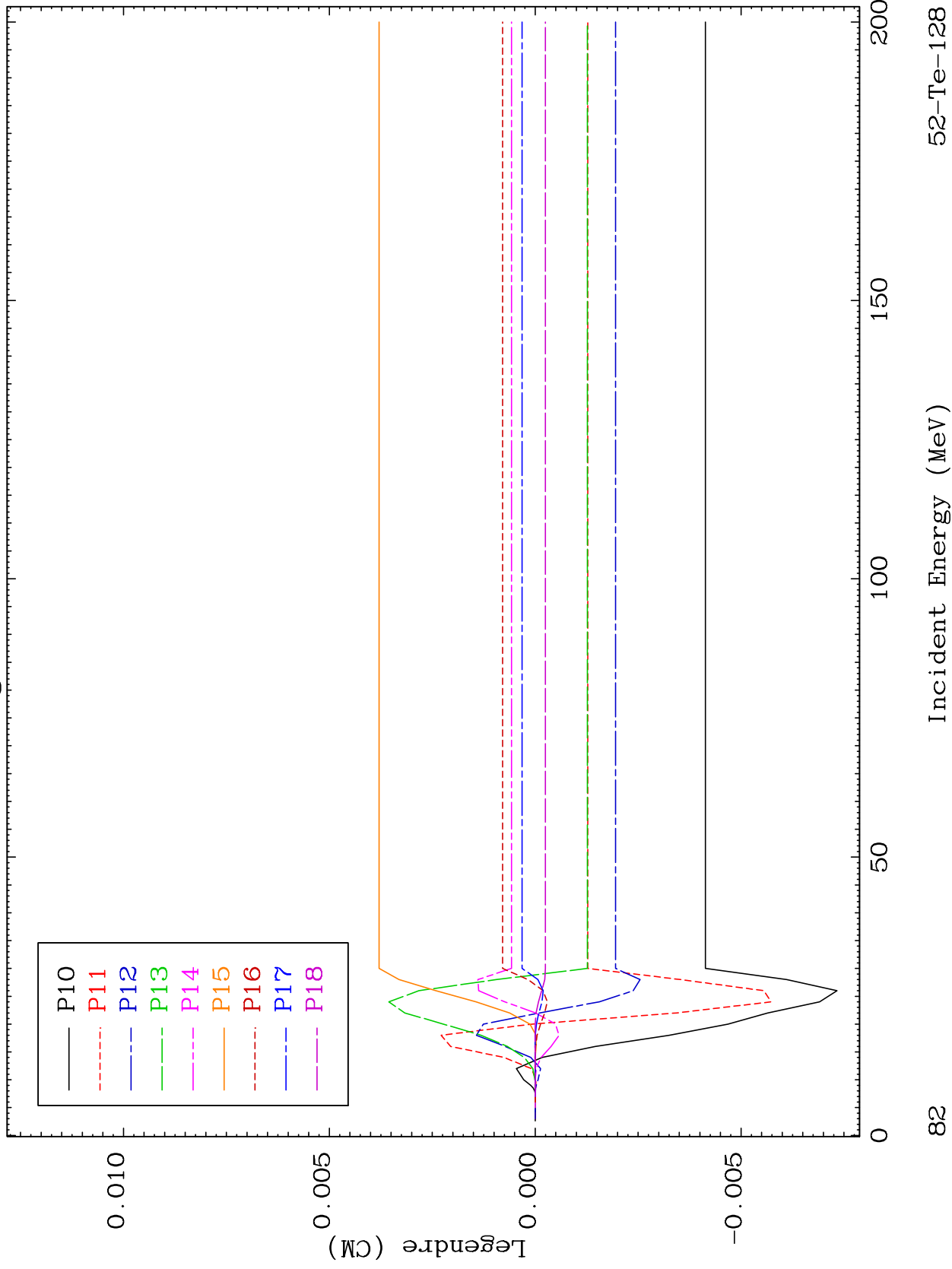
Incident Energy (MeV)

52-Te-128

MAT 5249

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

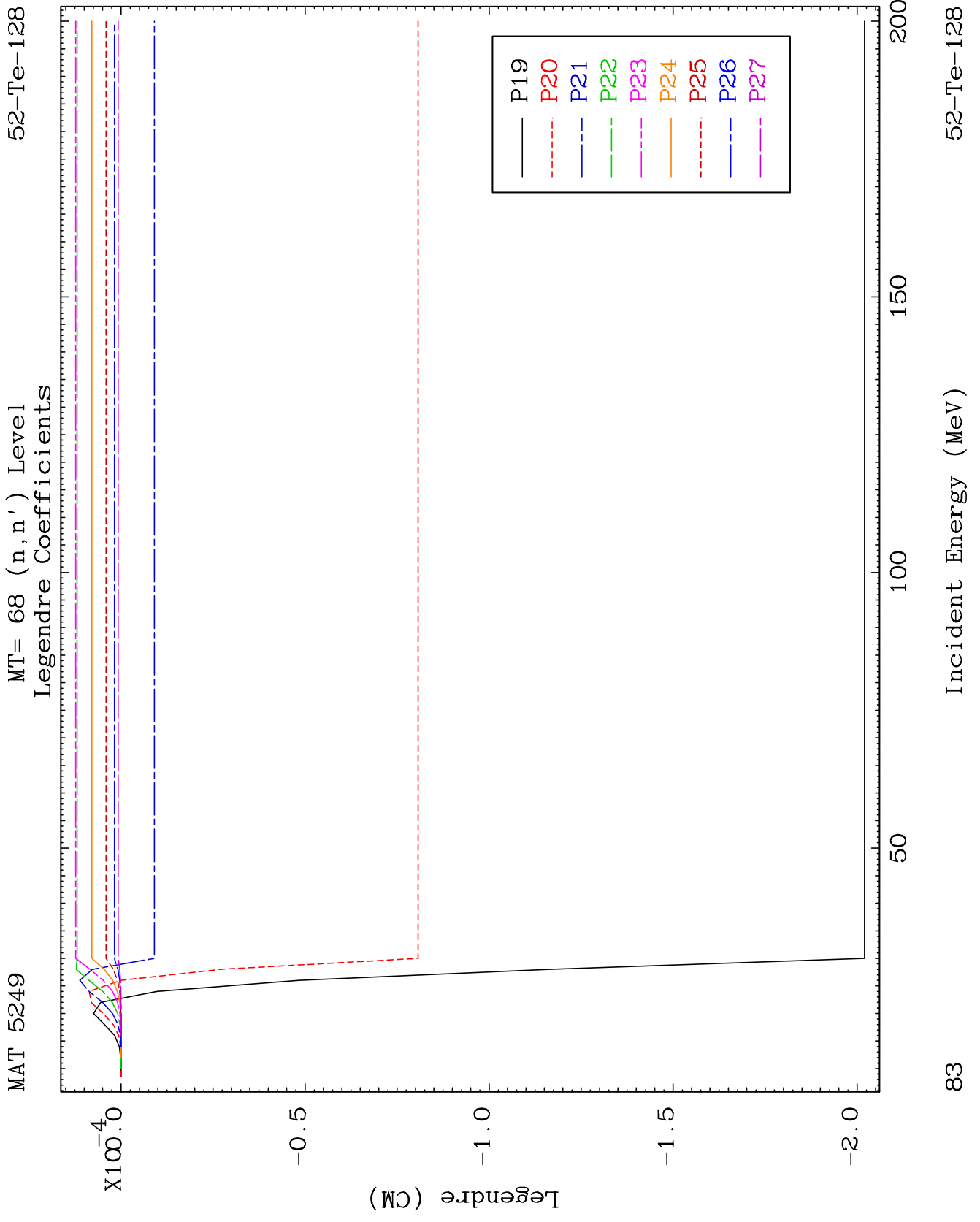
52-Te-128



82

Incident Energy (MeV)

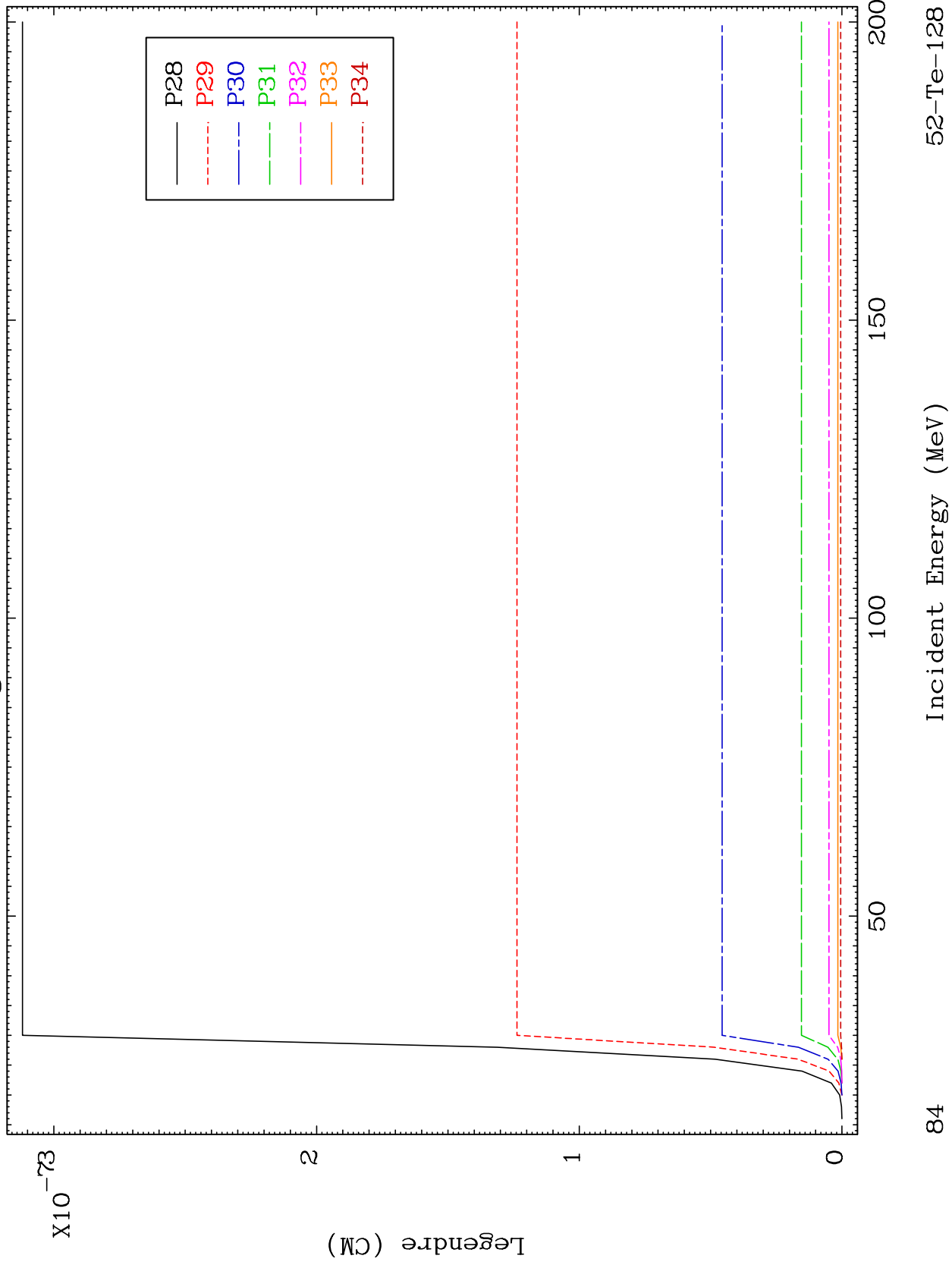
52-Te-128

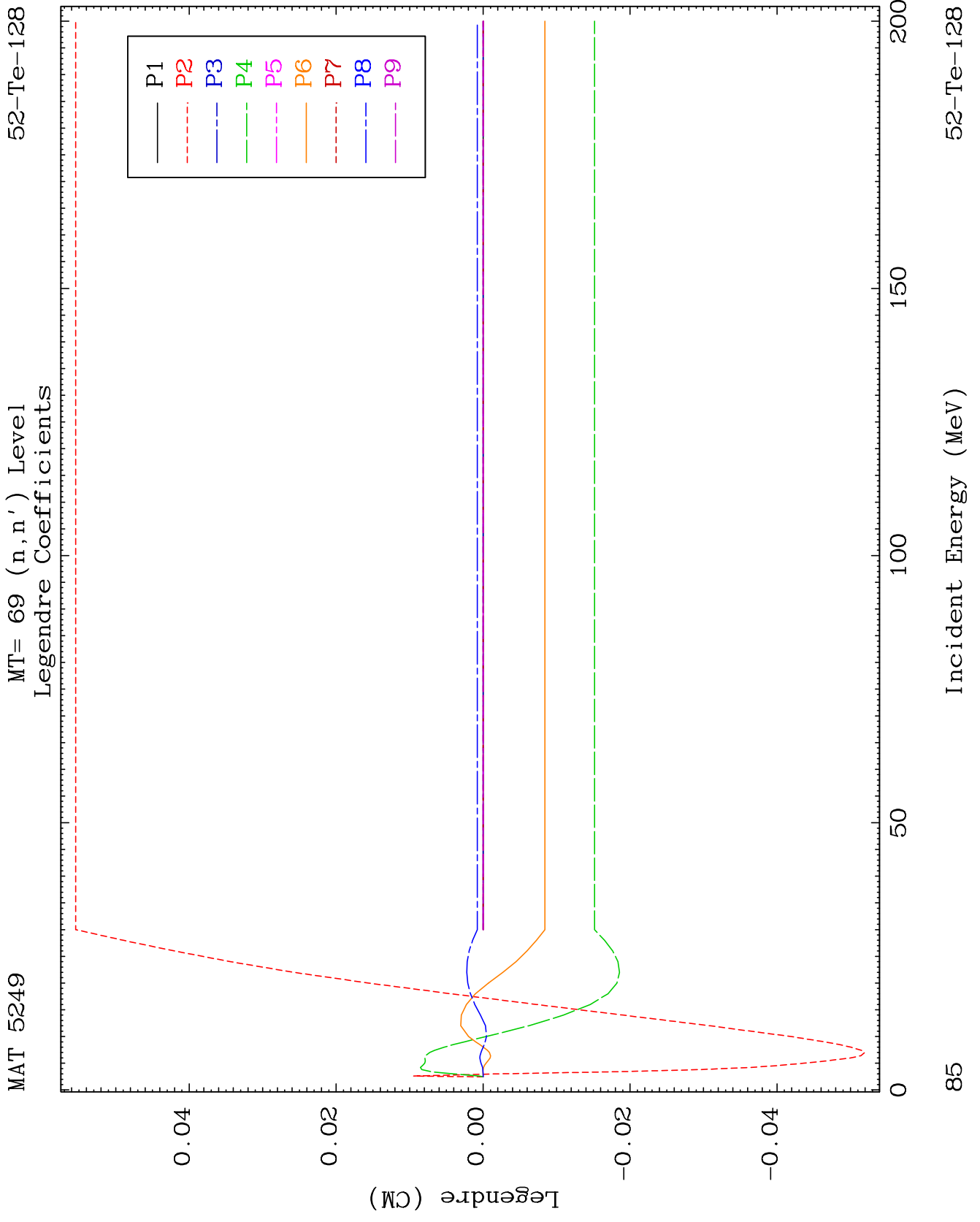


MAT 5249

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

52-Te-128

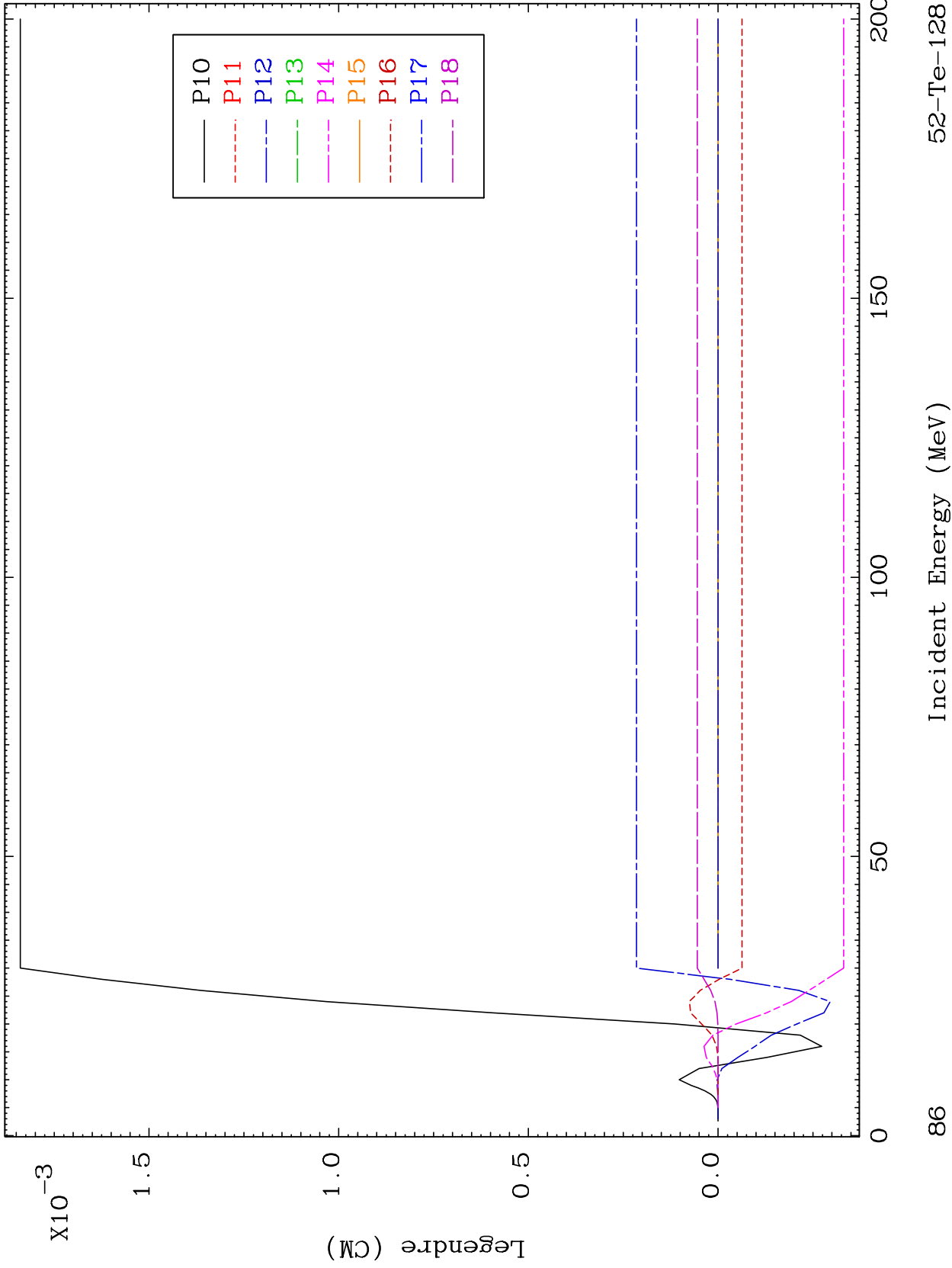




MAT 5249

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

52-Te-128



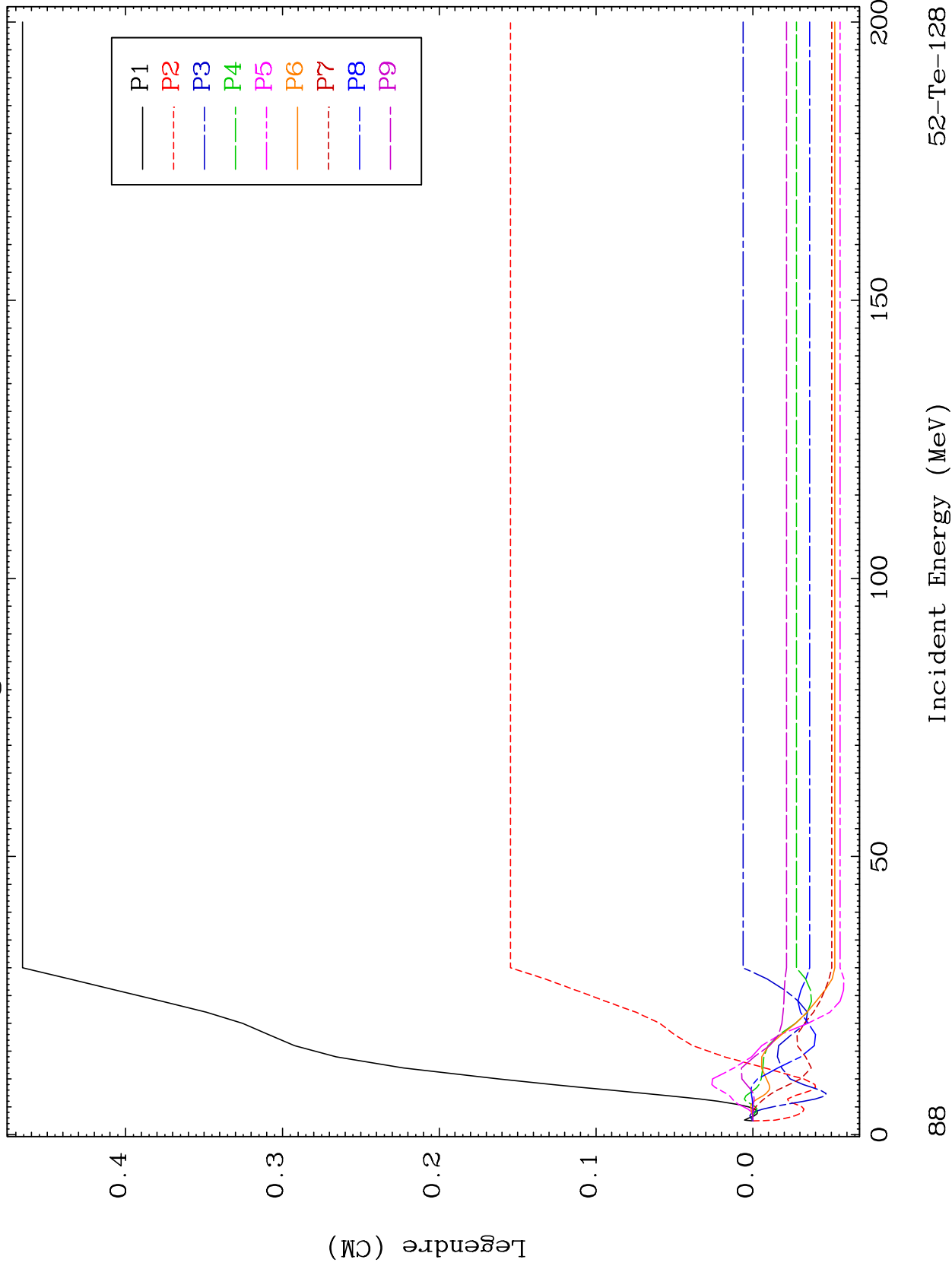




MAT 5249

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

52-Te-128

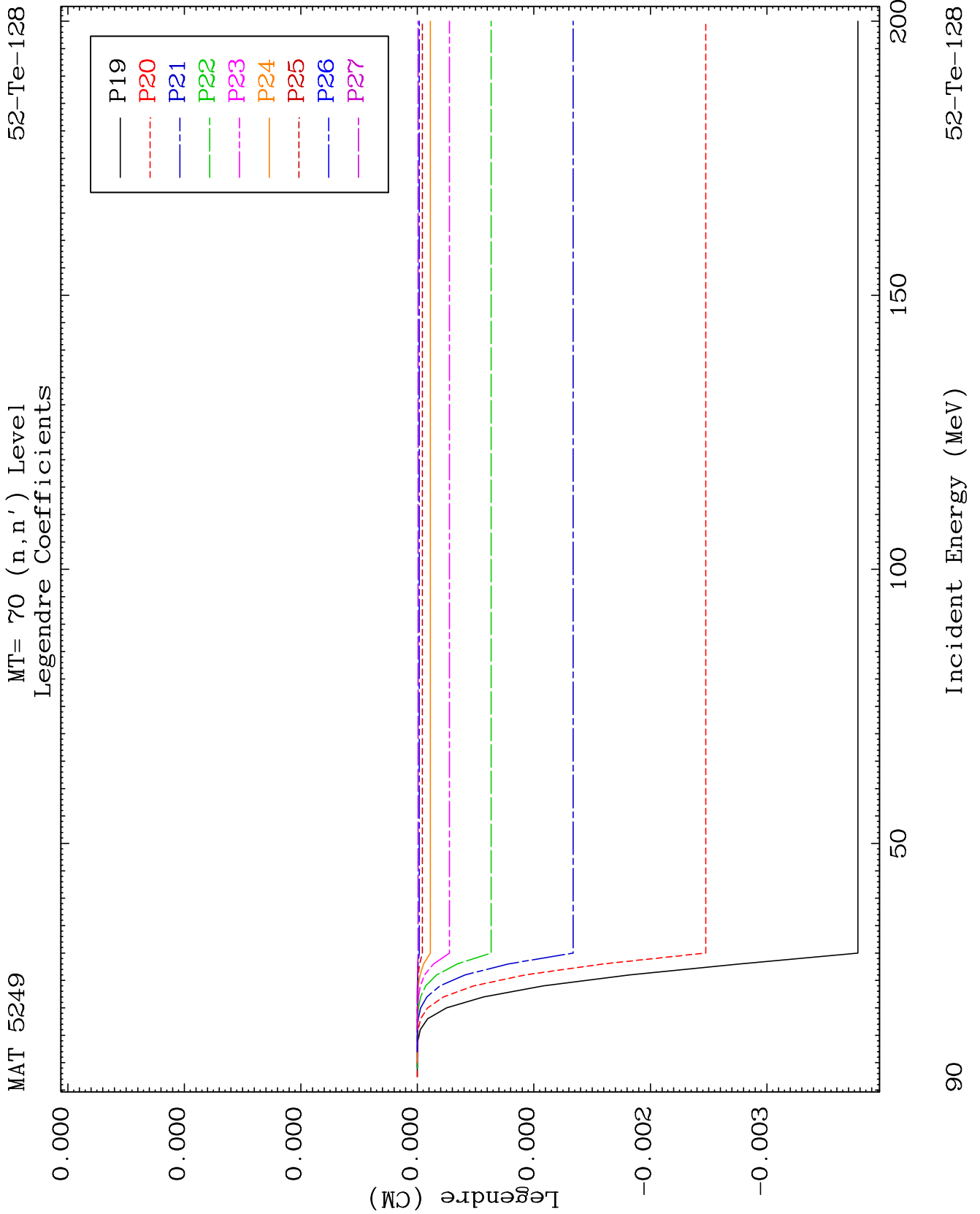


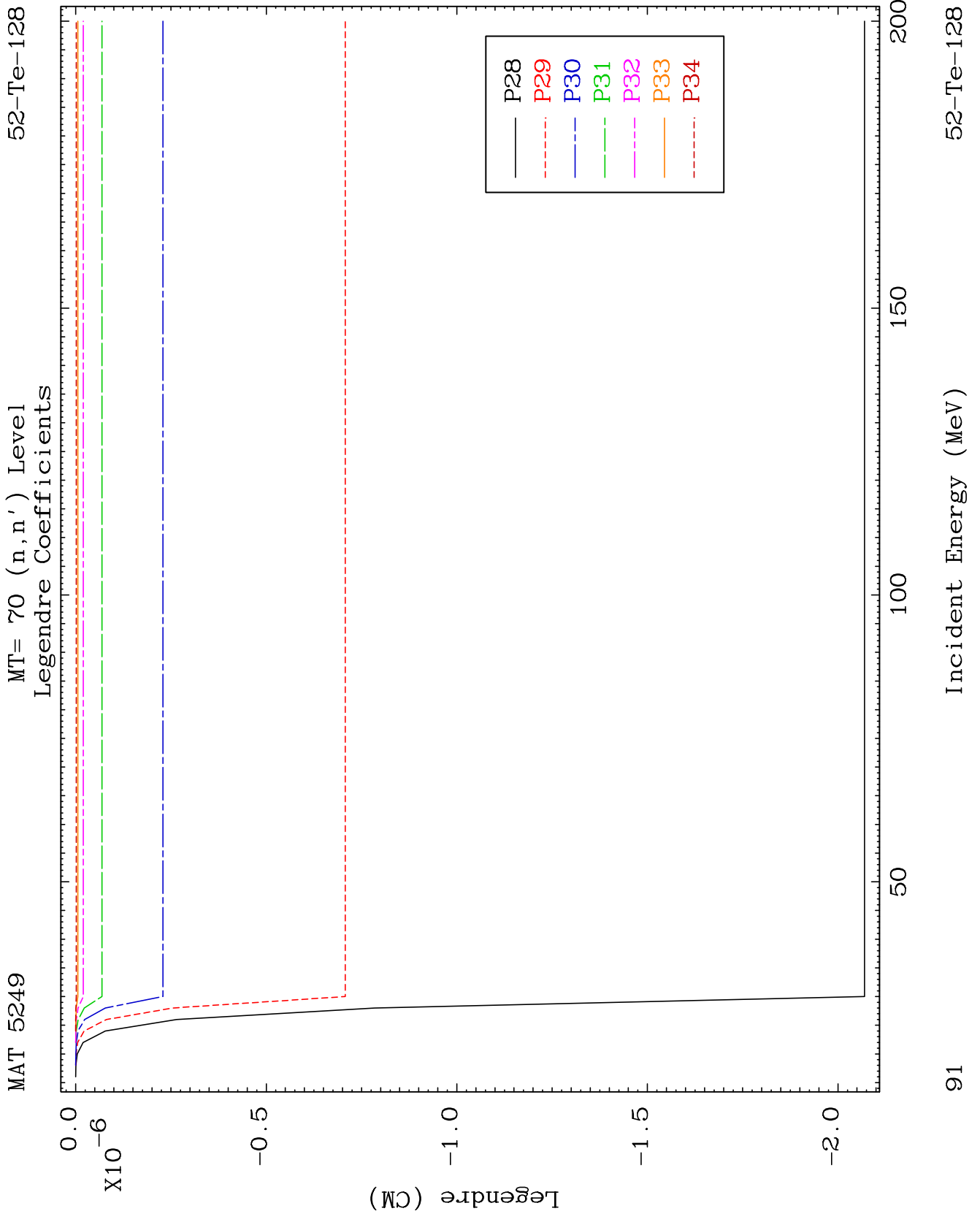
88

Incident Energy (MeV)

52-Te-128



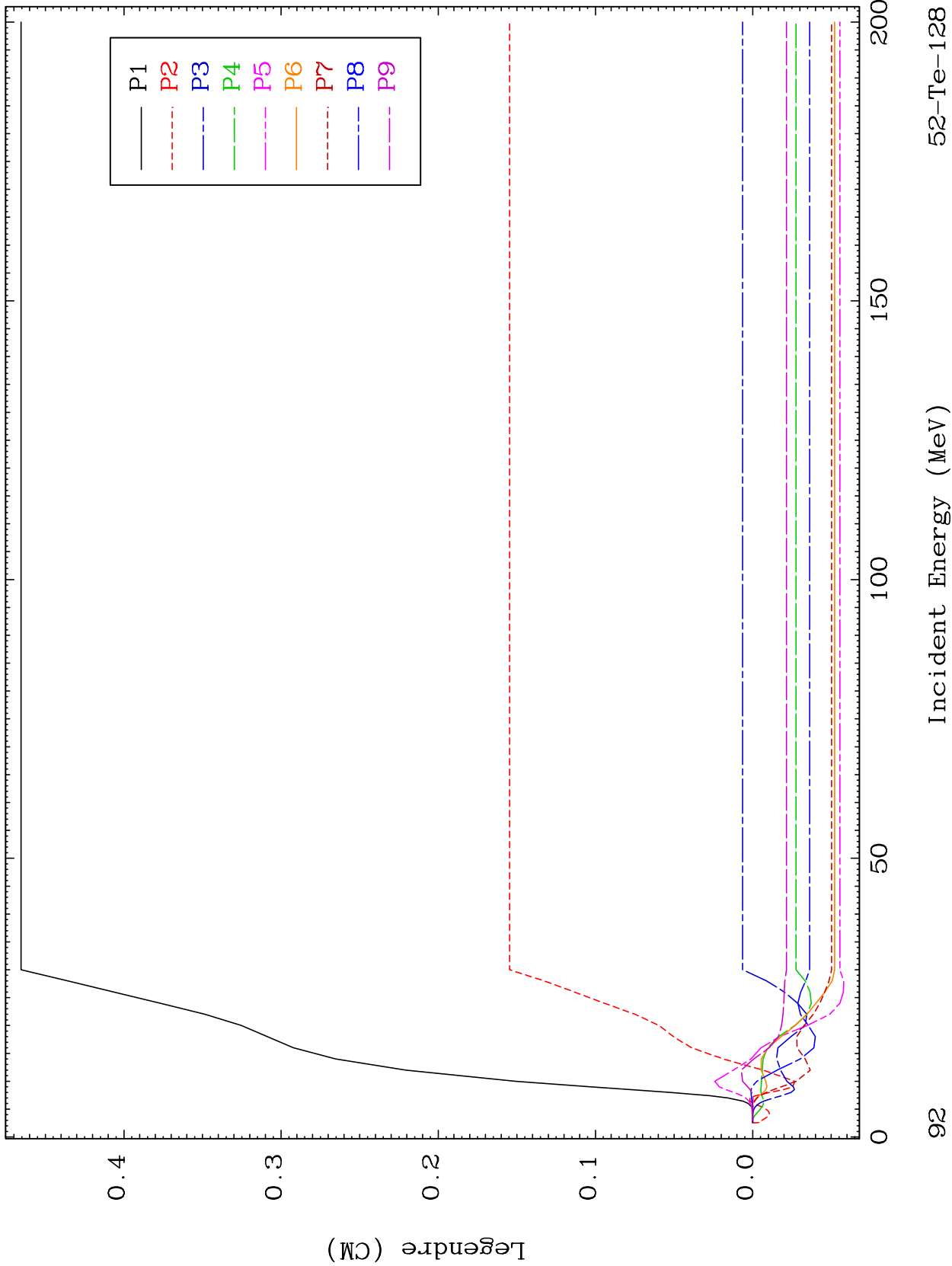




MAT 5249

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

52-Te-128



92

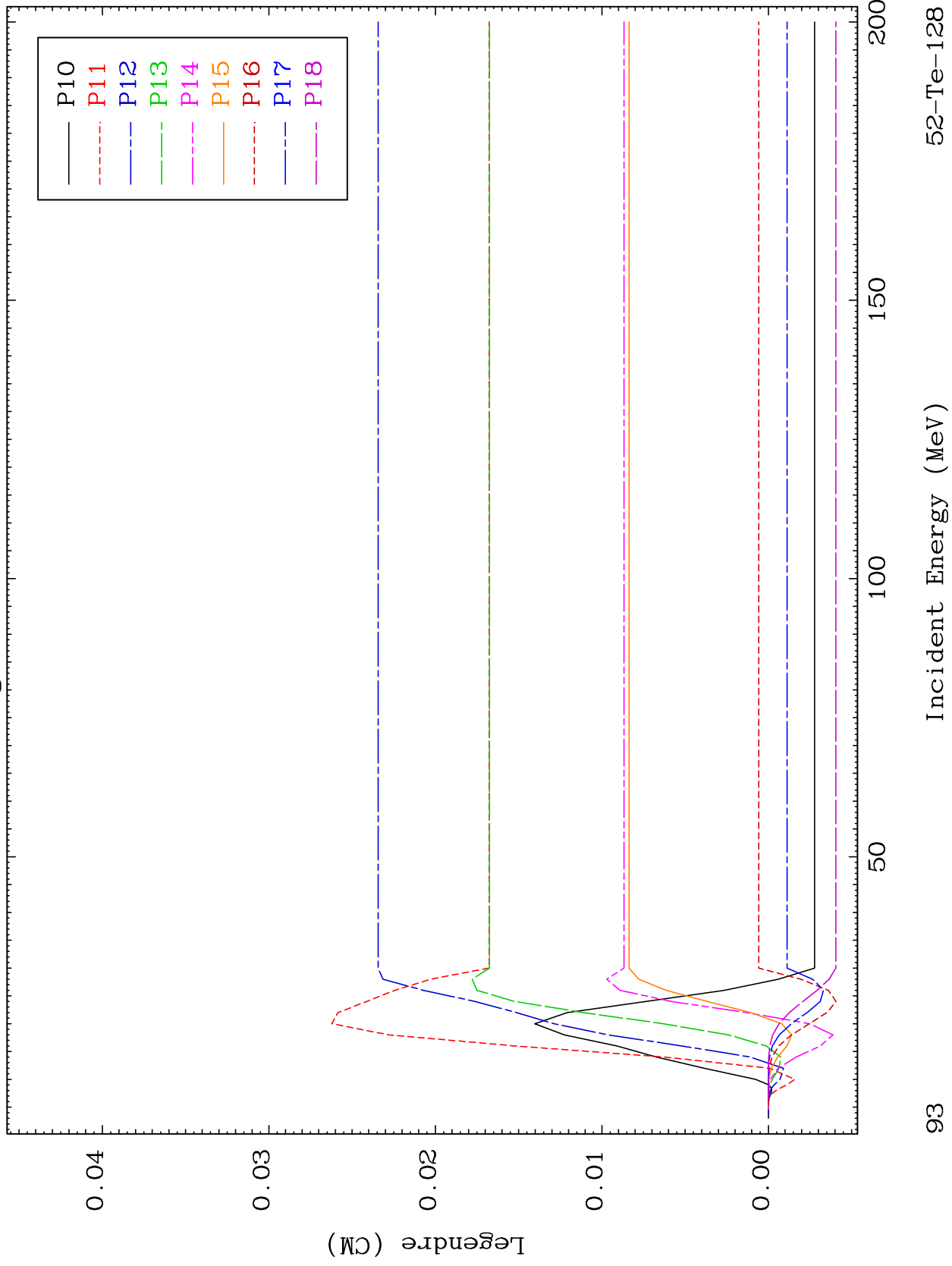
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128

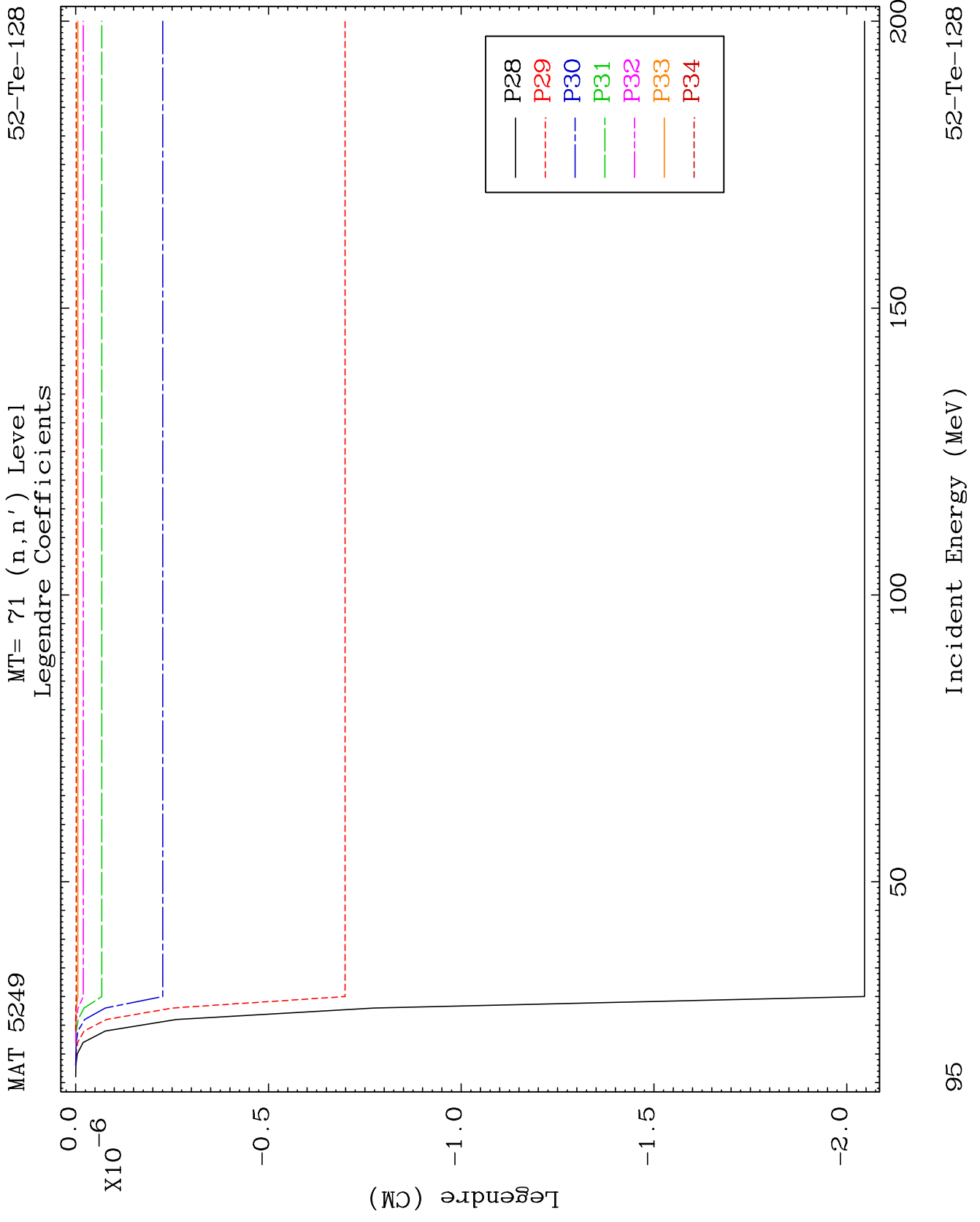


93

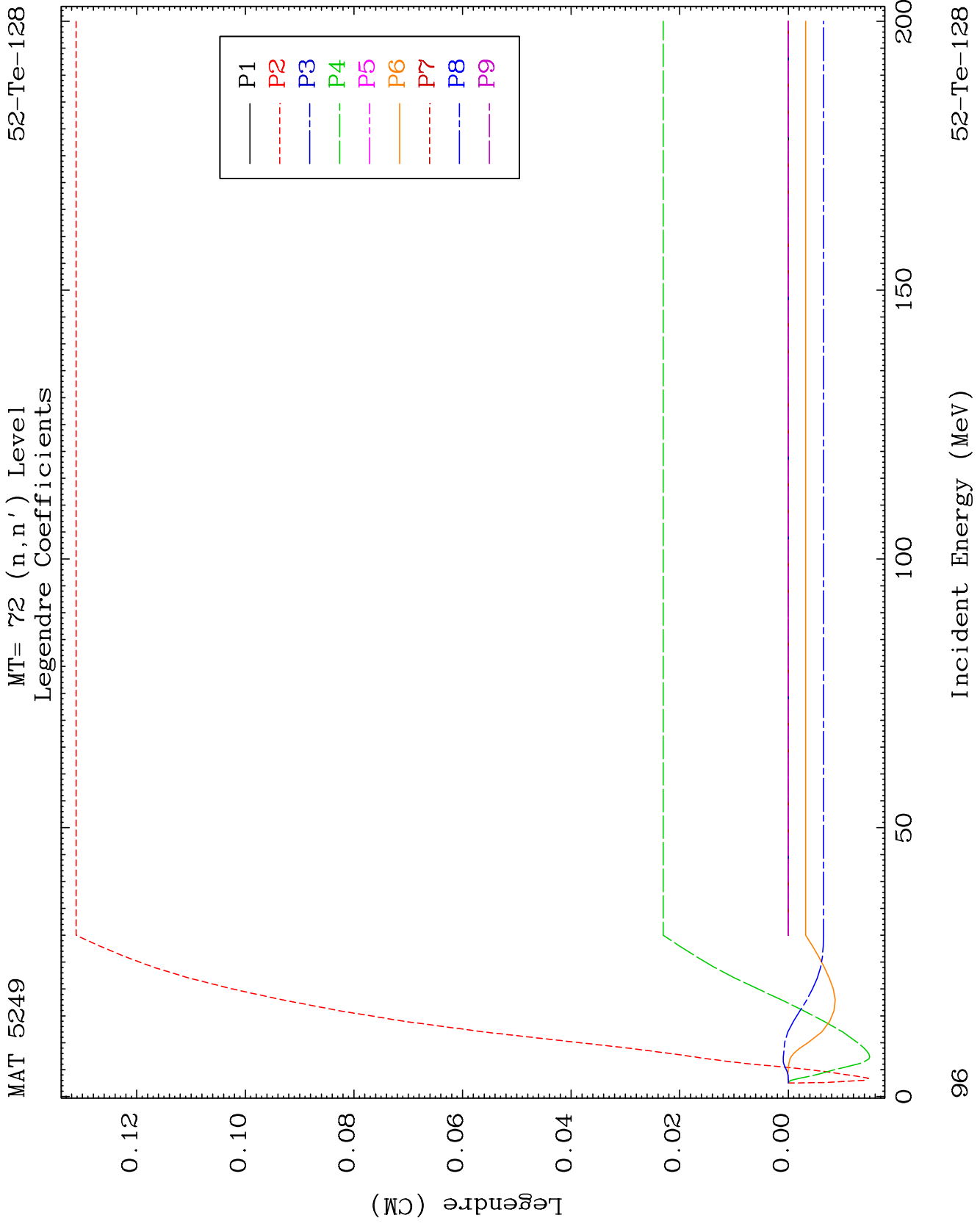
Incident Energy (MeV)

52-Te-128





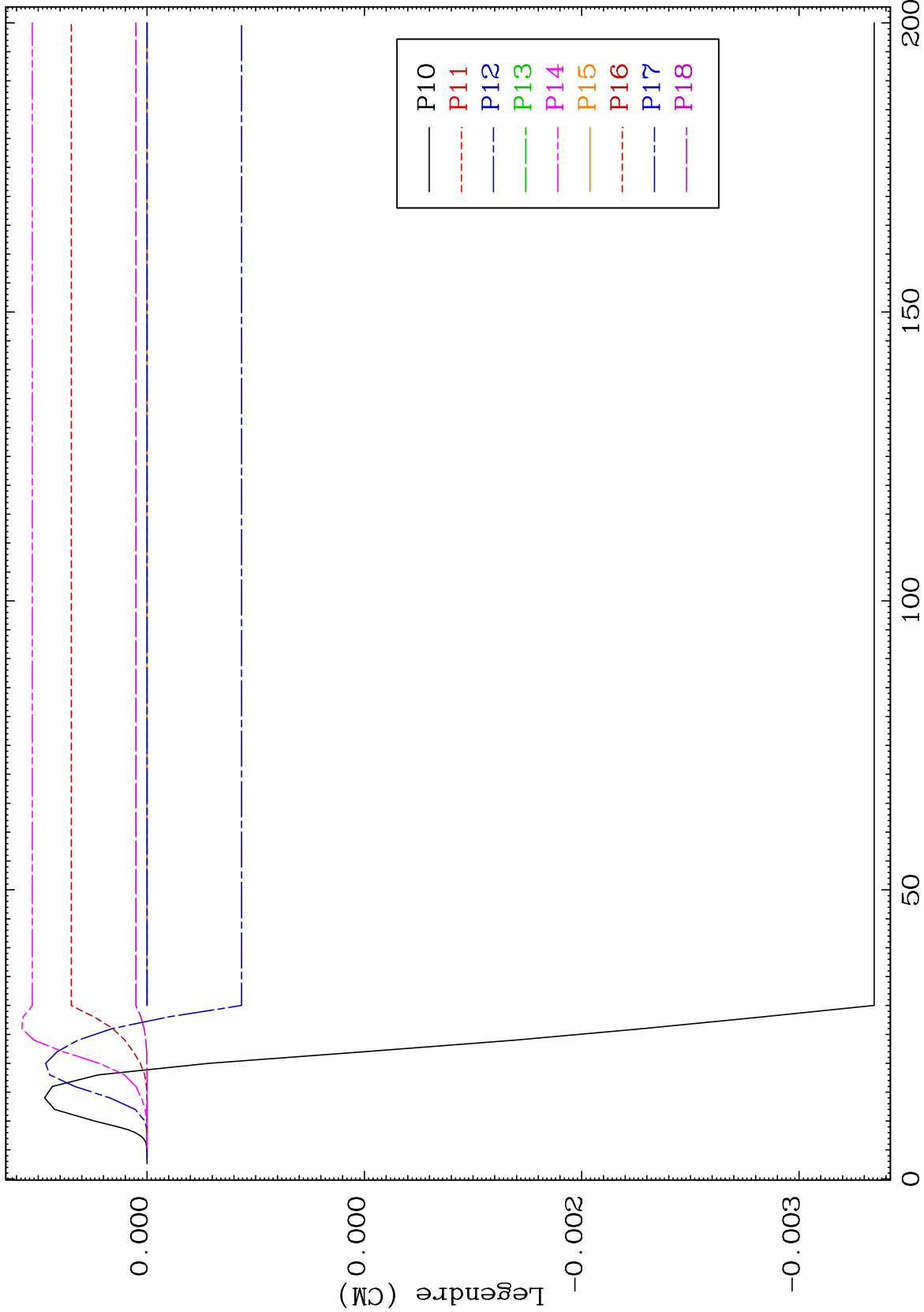




MAT 5249

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

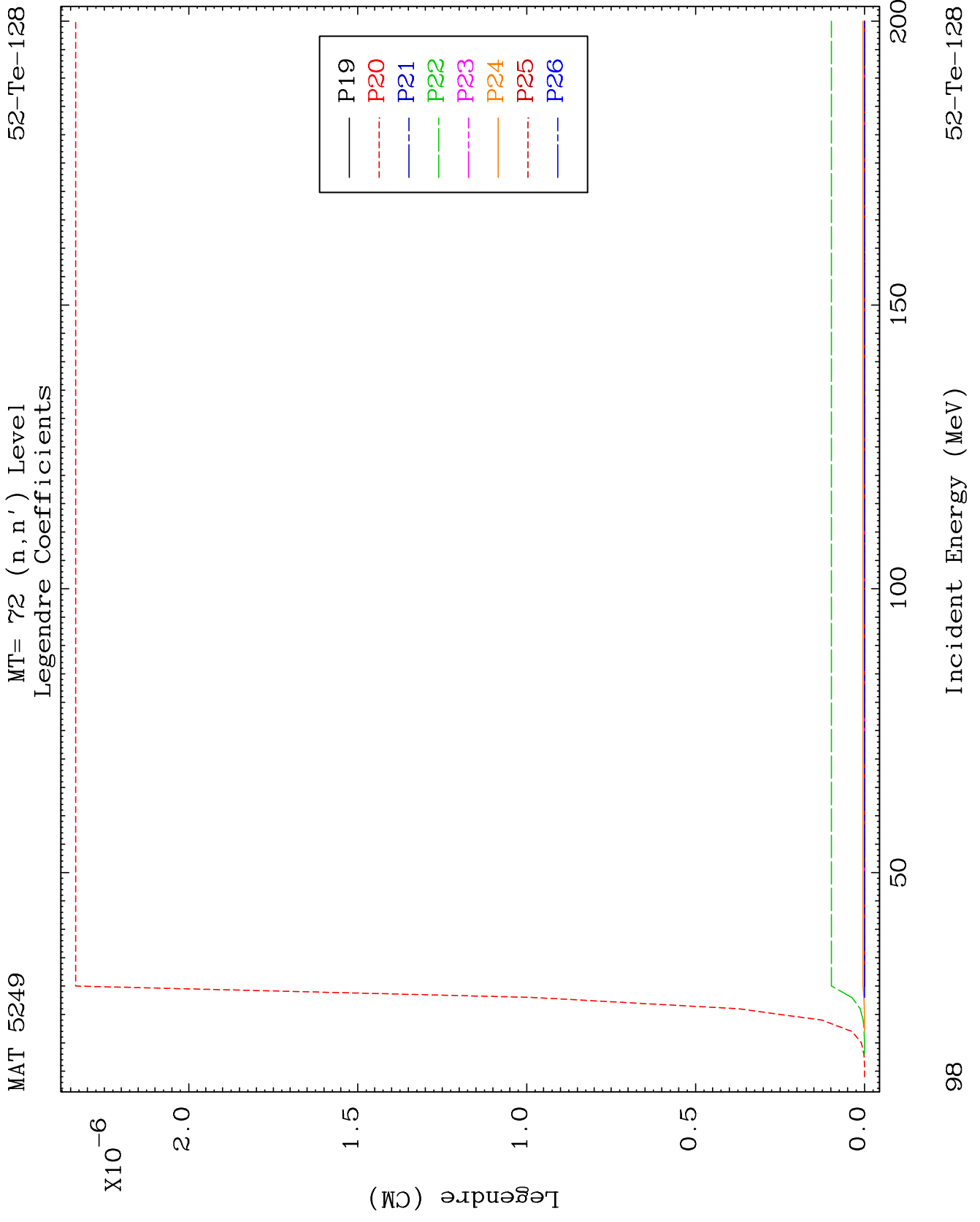
52-Te-128



97

Incident Energy (MeV)

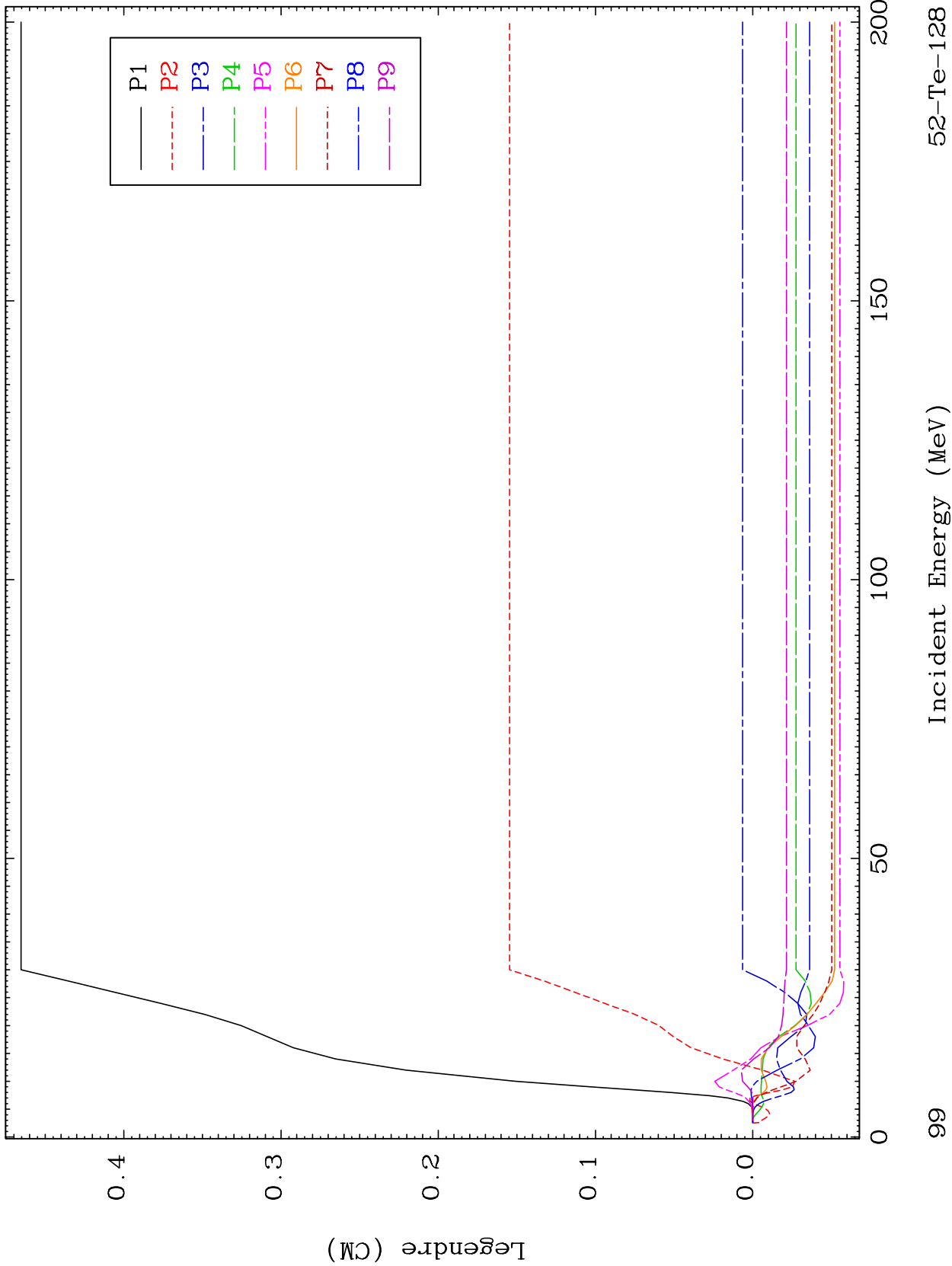
52-Te-128



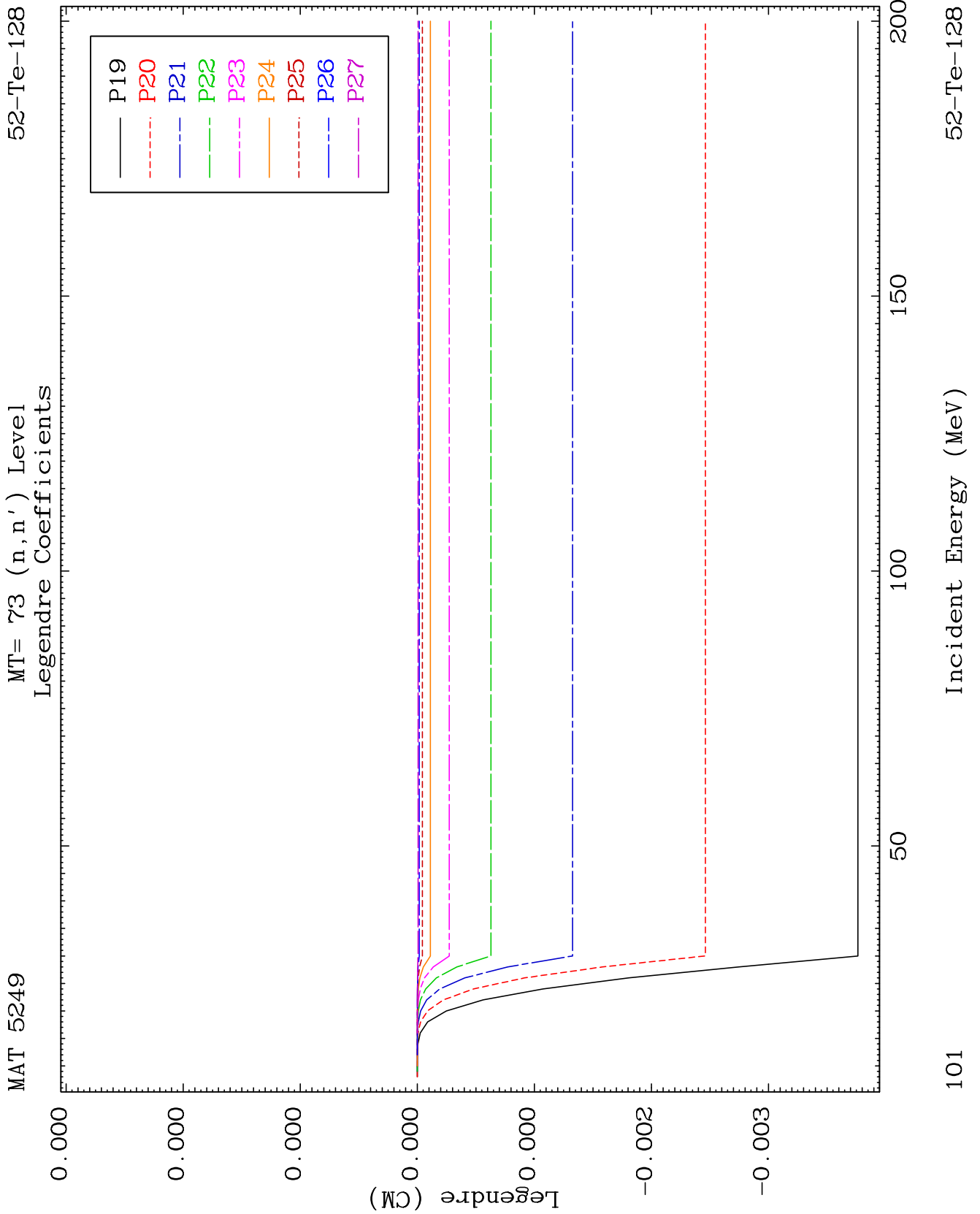
MAT 5249

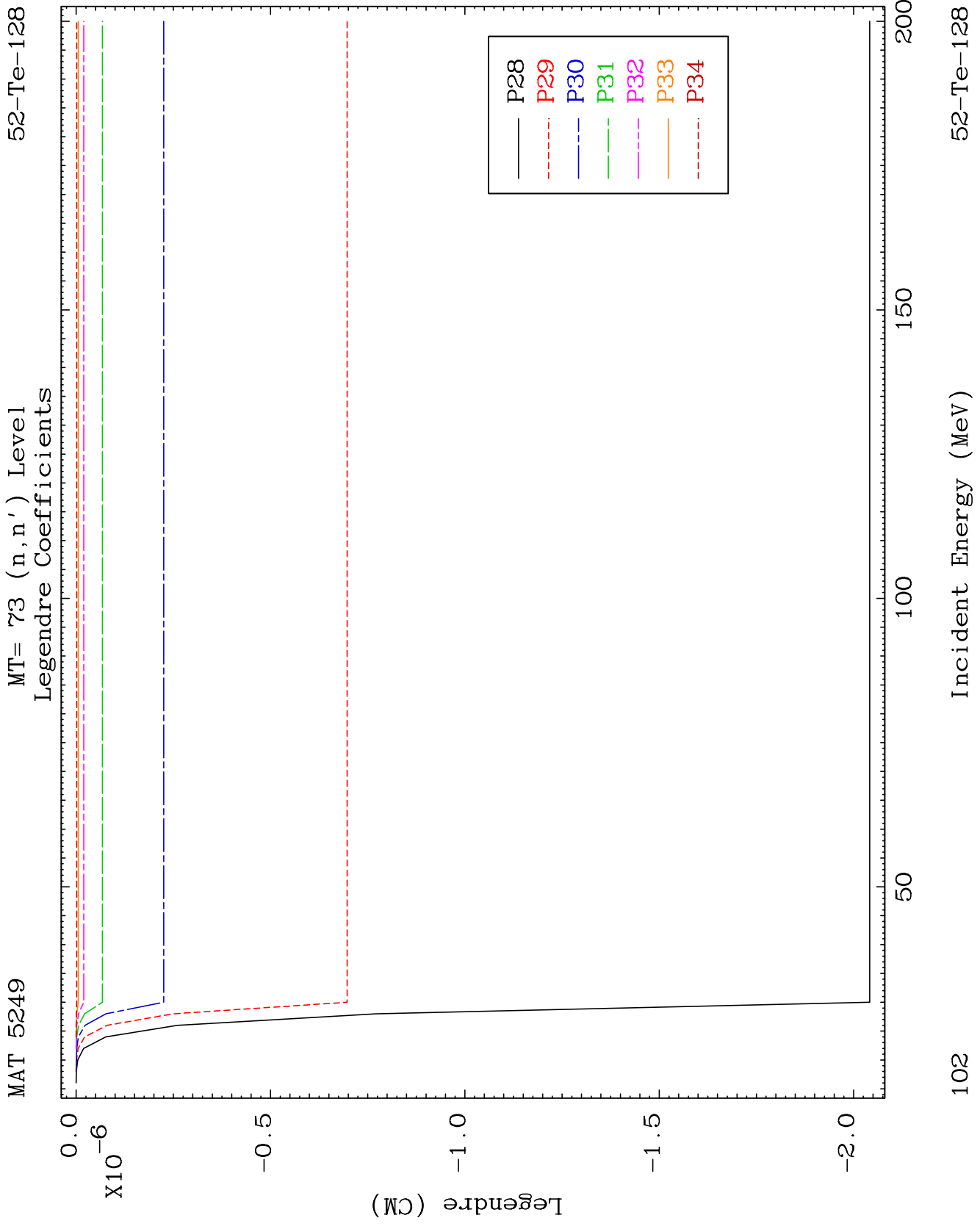
MT= 73 (n,n') Level  
Legendre Coefficients

52-Te-128





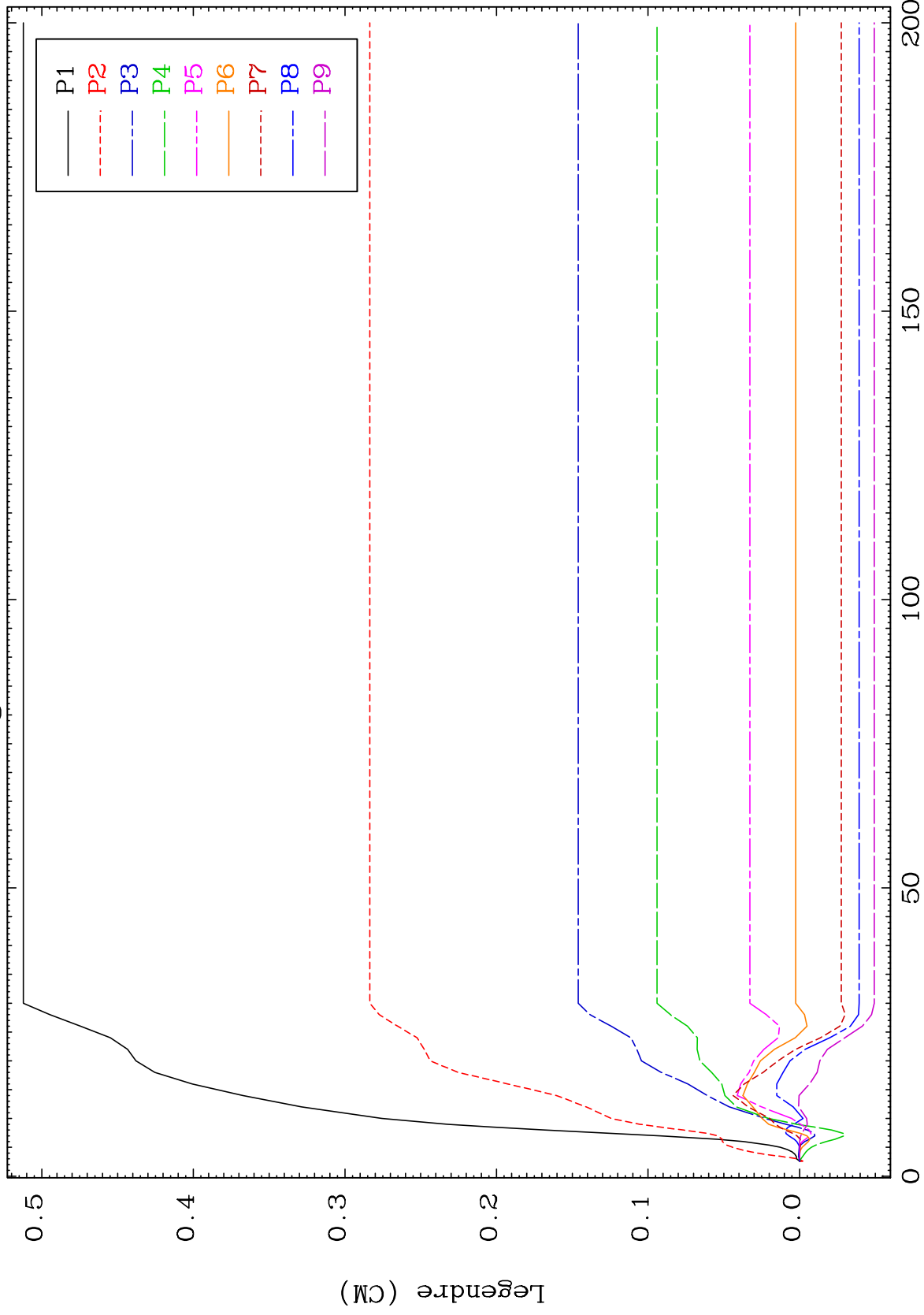




MAT 5249

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

52-Te-128



52-Te-128

Incident Energy (MeV)

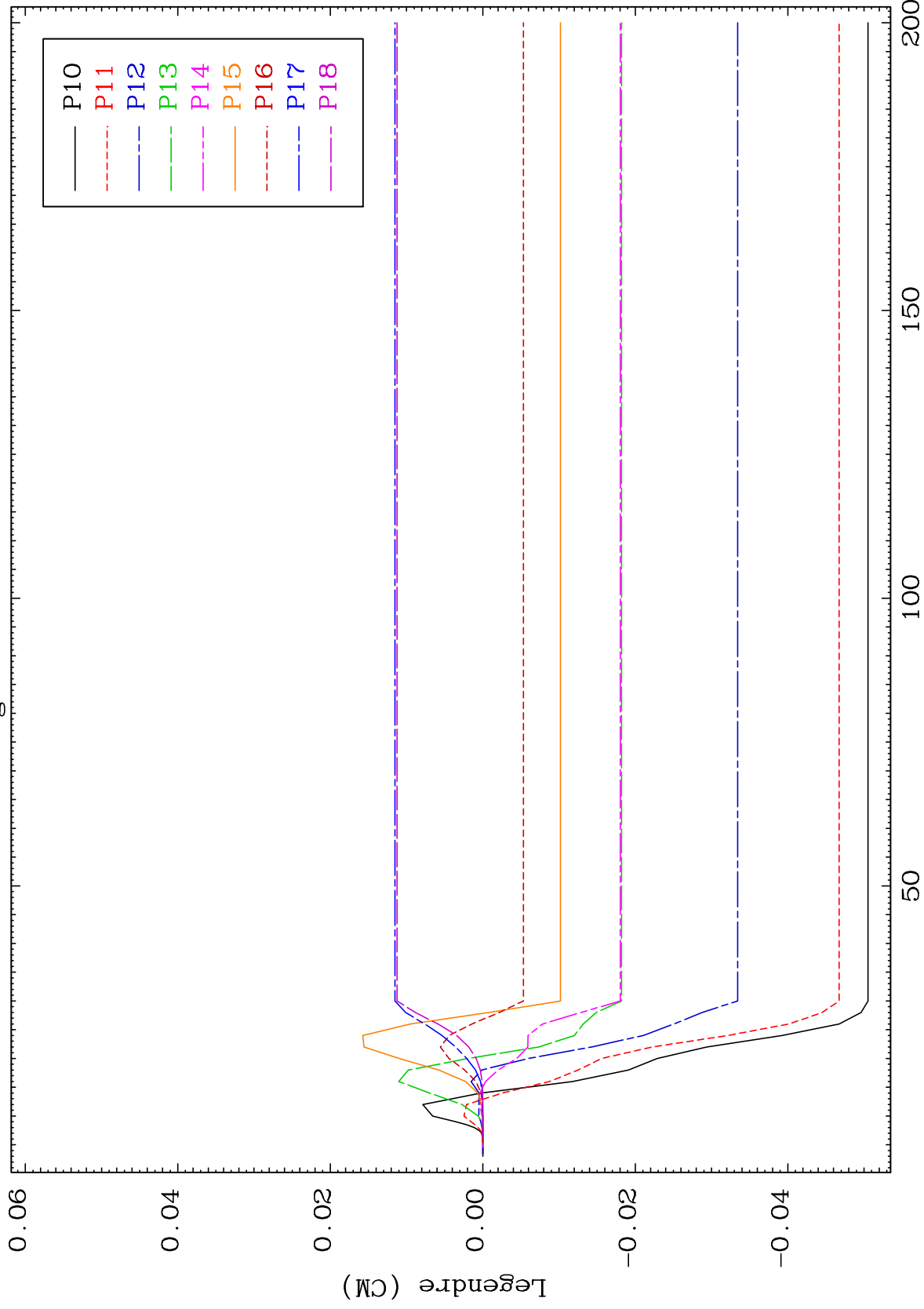
103



MAT 5249

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

52-Te-128



104

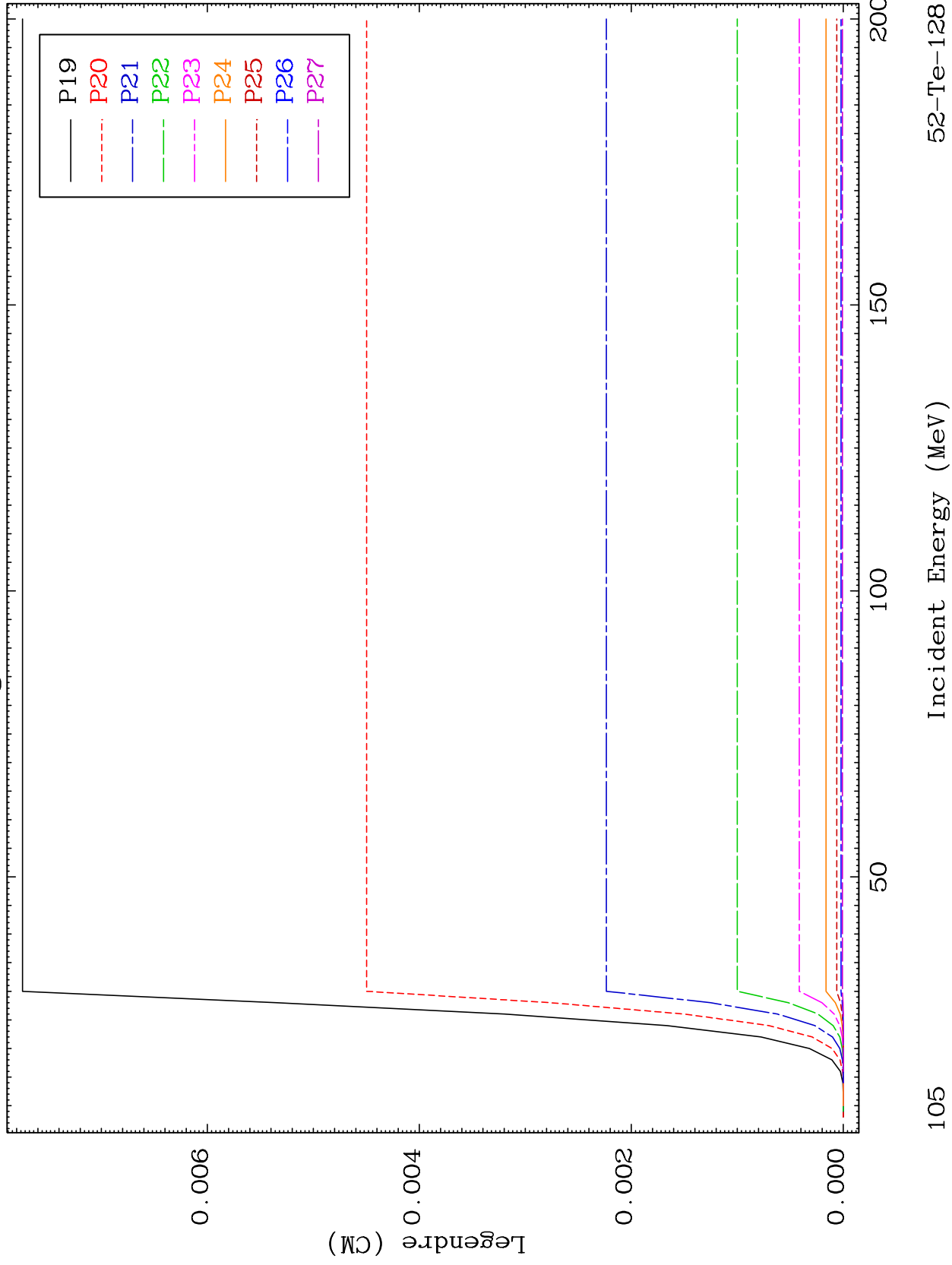
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



52-Te-128

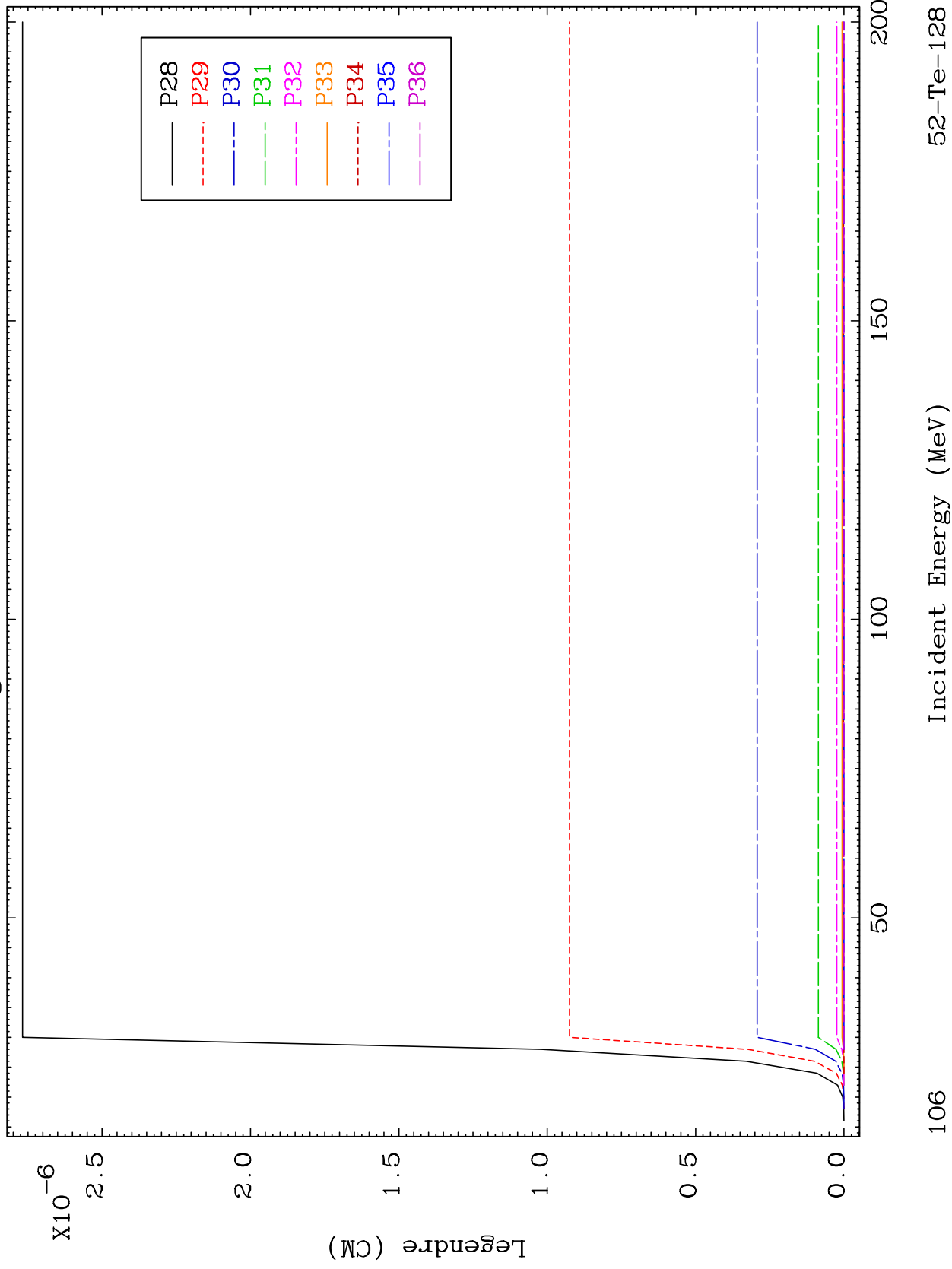
Incident Energy (MeV)

105

MAT 5249

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

52-Te-128



106

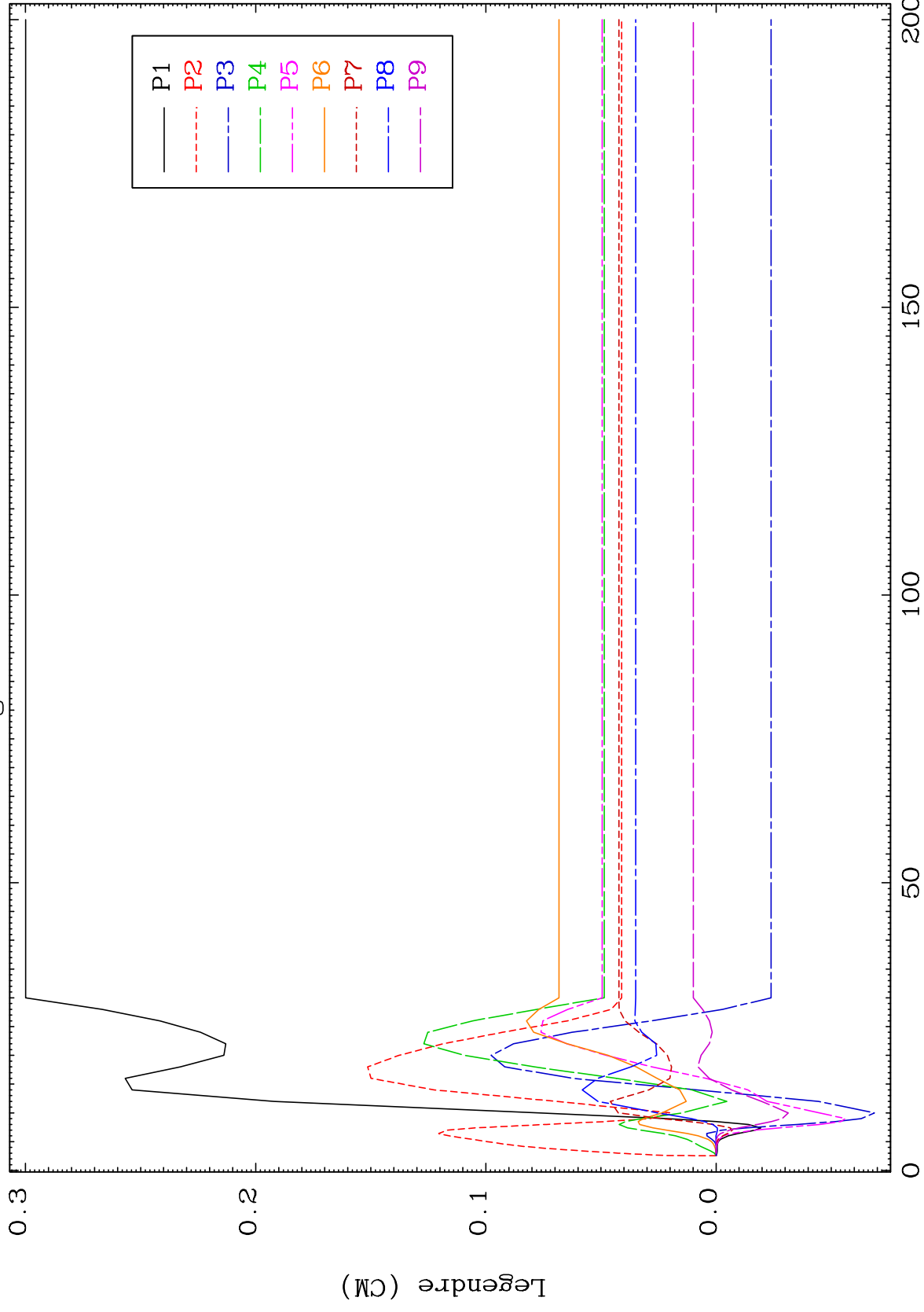
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



107

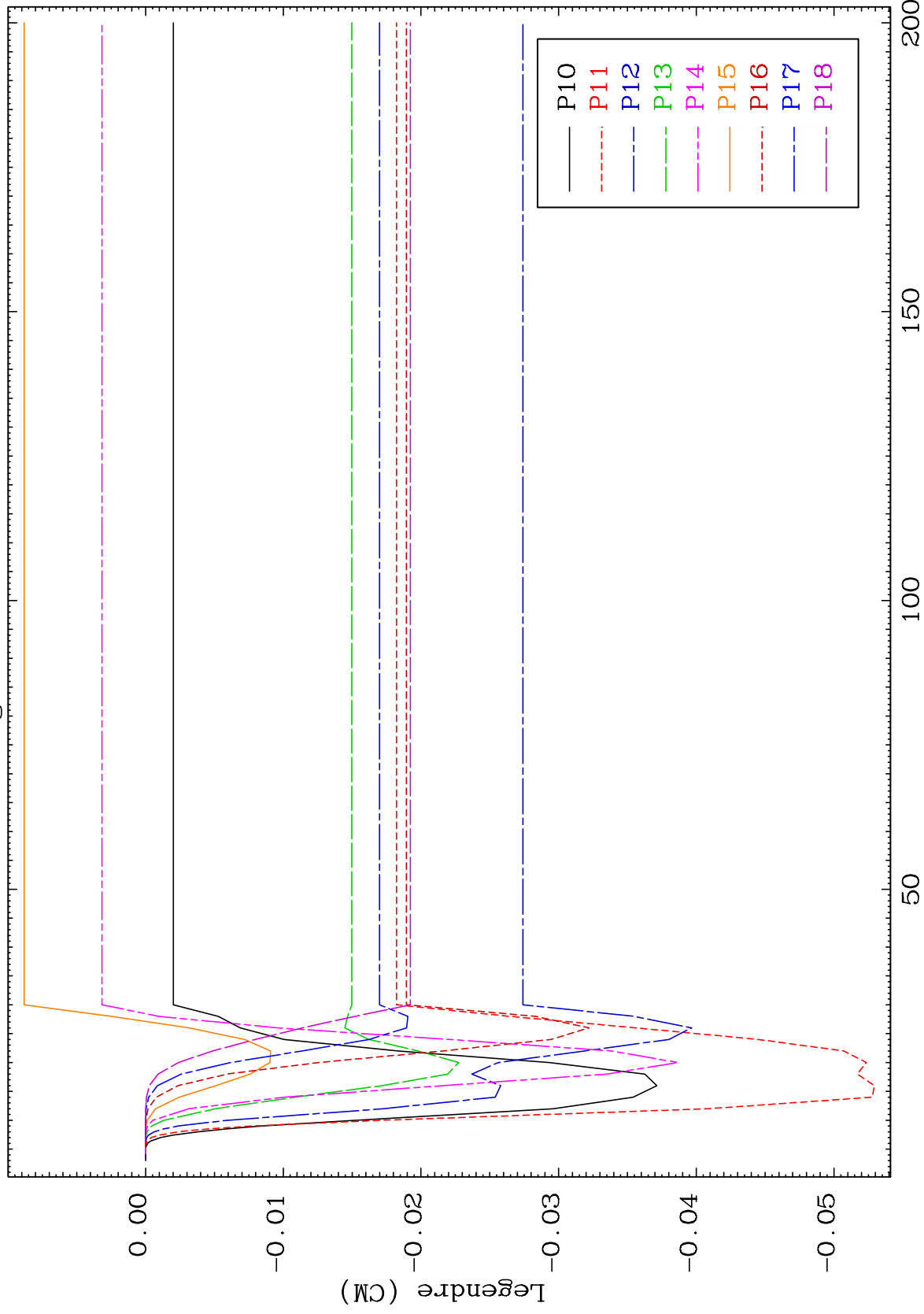
Incident Energy (MeV)

52-Te-128

MAT 5249

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

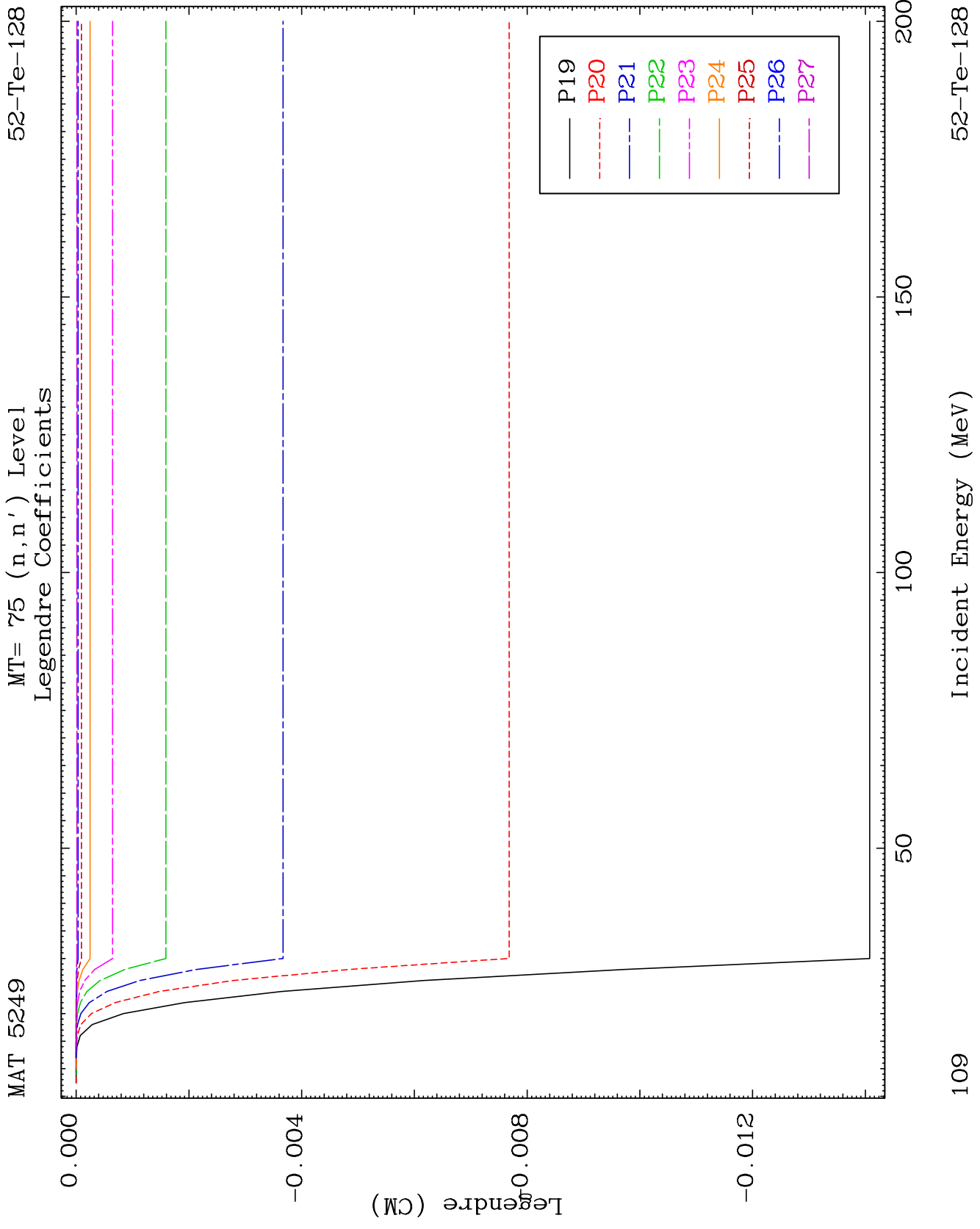
52-Te-128

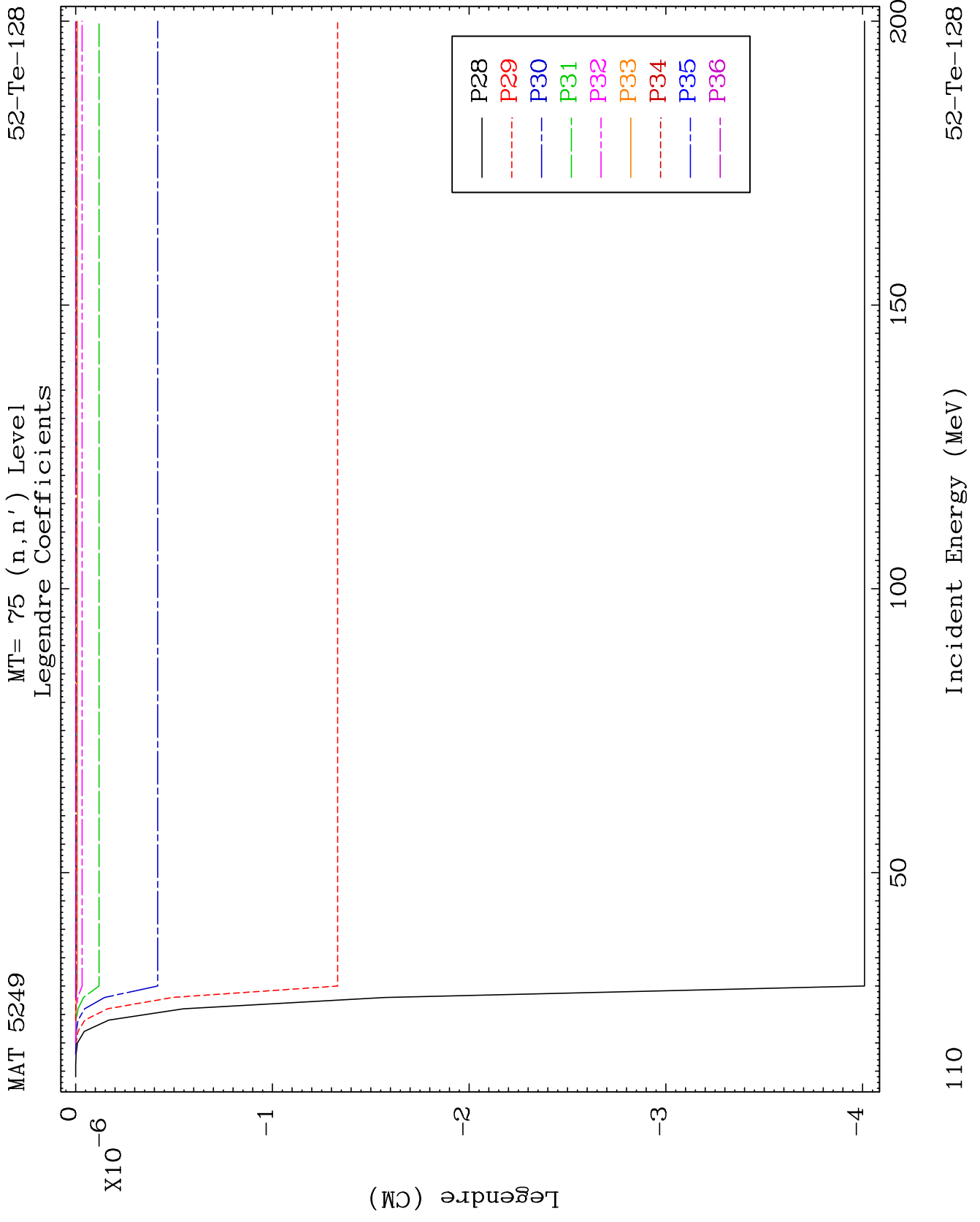


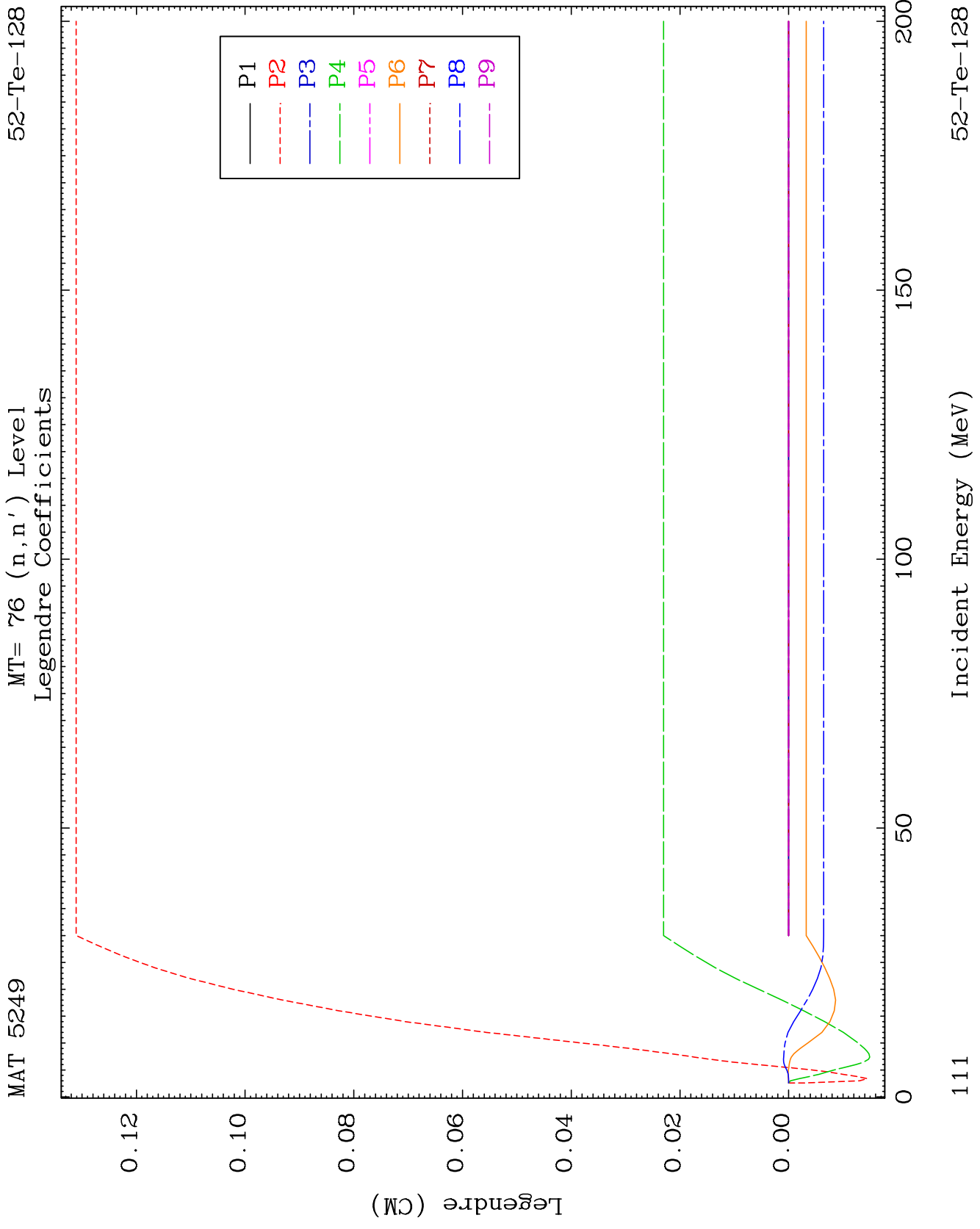
108

Incident Energy (MeV)

52-Te-128





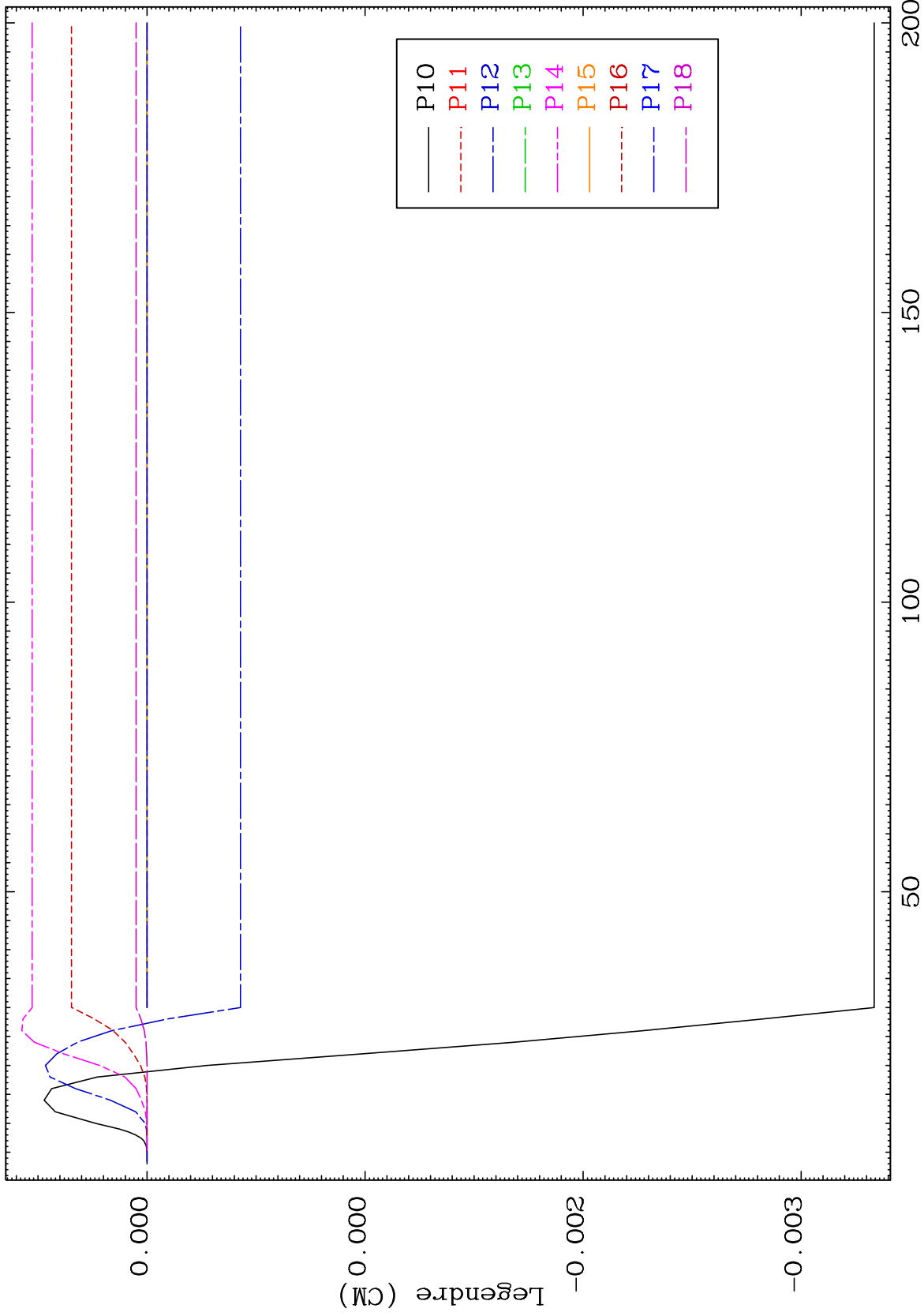




MAT 5249

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

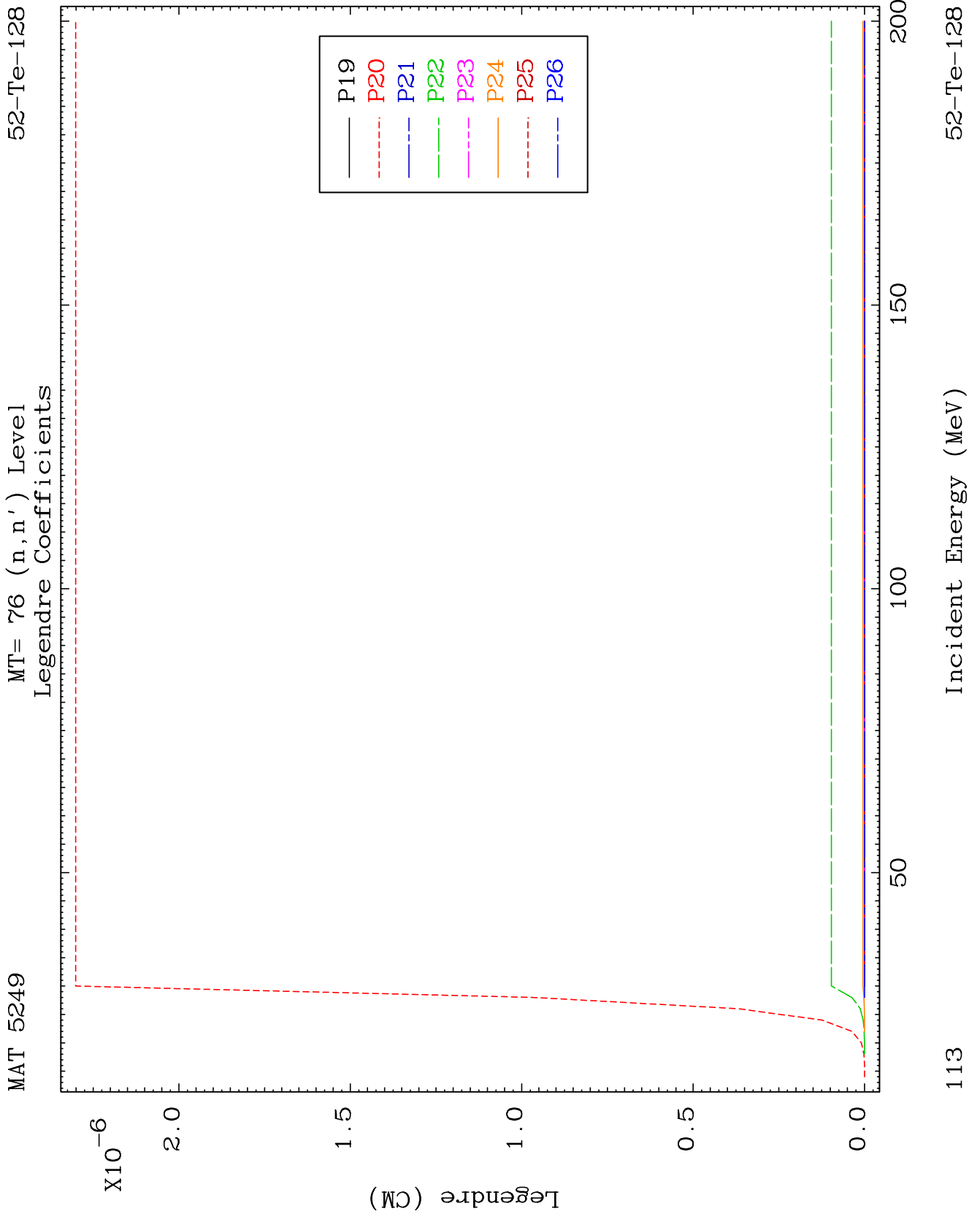
52-Te-128



112

Incident Energy (MeV)

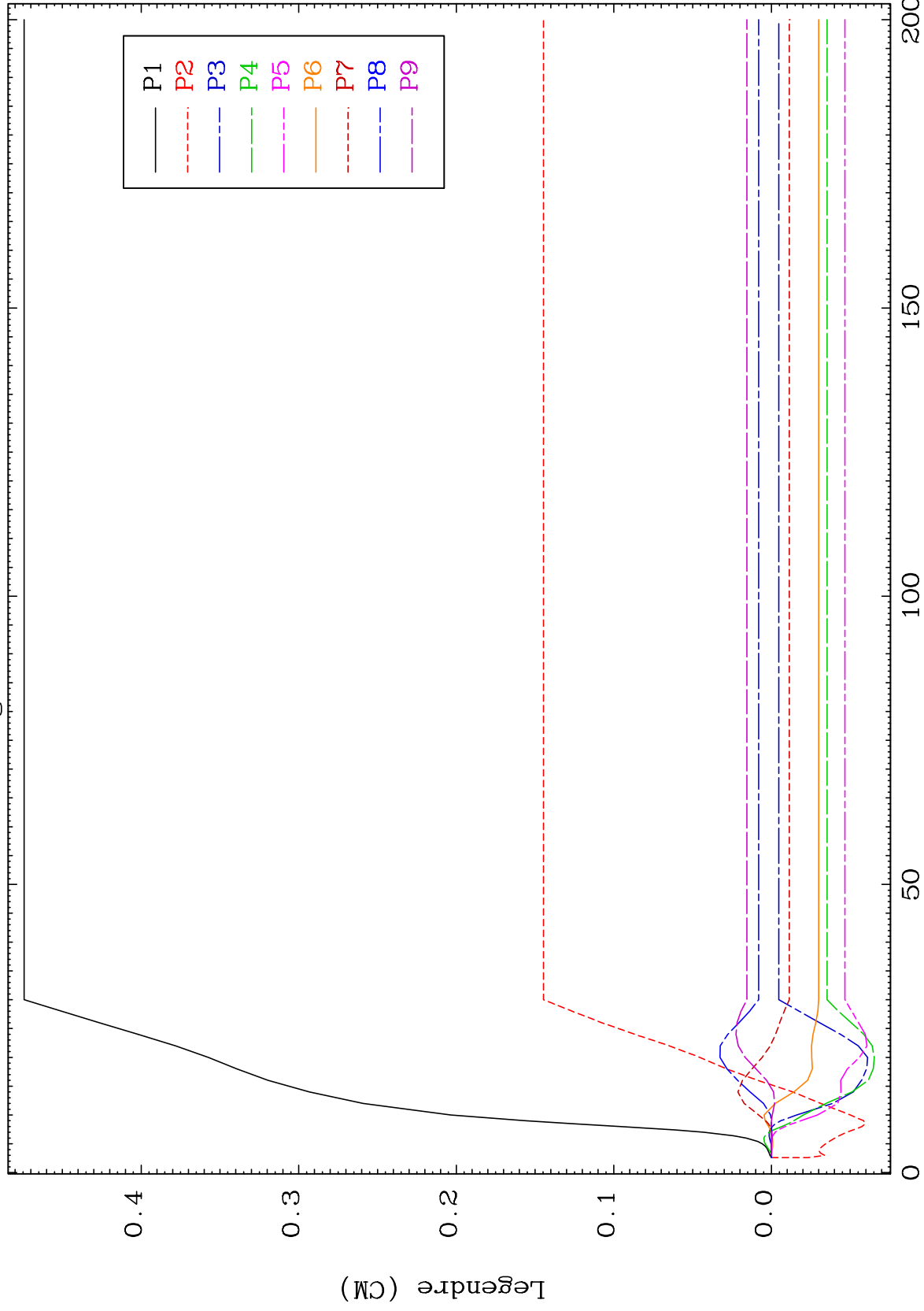
52-Te-128



MAT 5249

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

52-Te-128



114

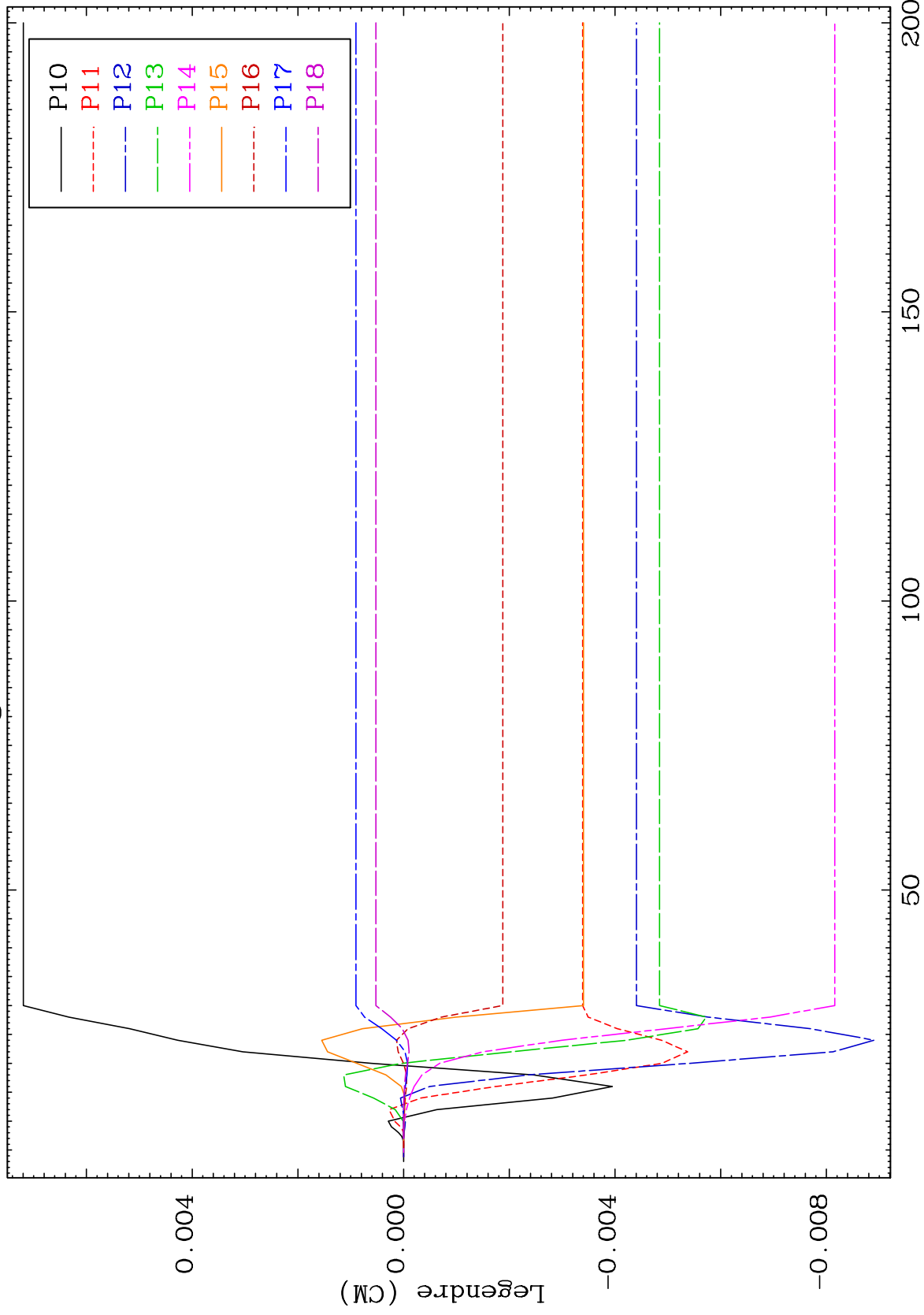
Incident Energy (MeV)

52-Te-128

MAT 5249

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

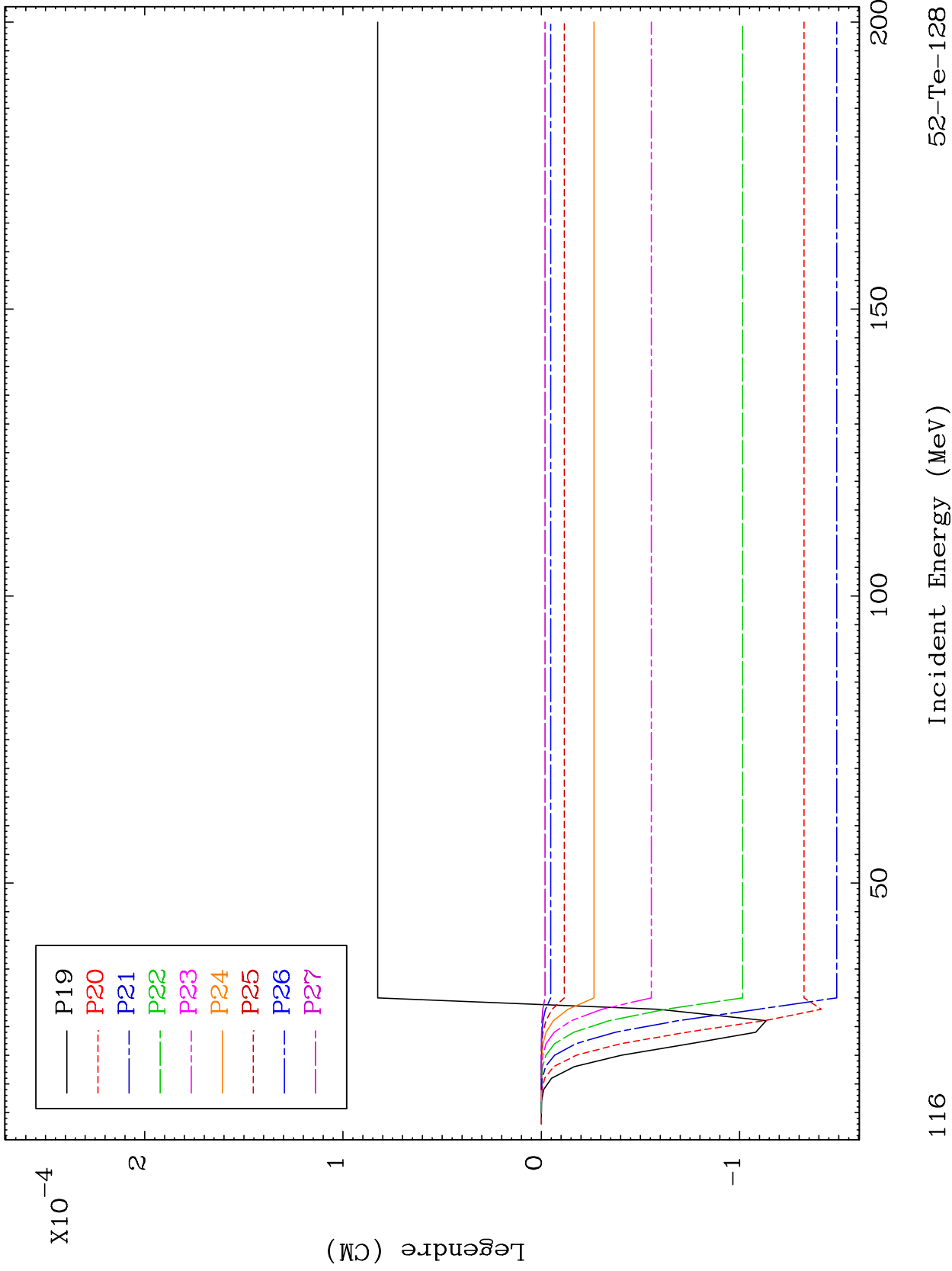
52-Te-128



115

Incident Energy (MeV)

52-Te-128

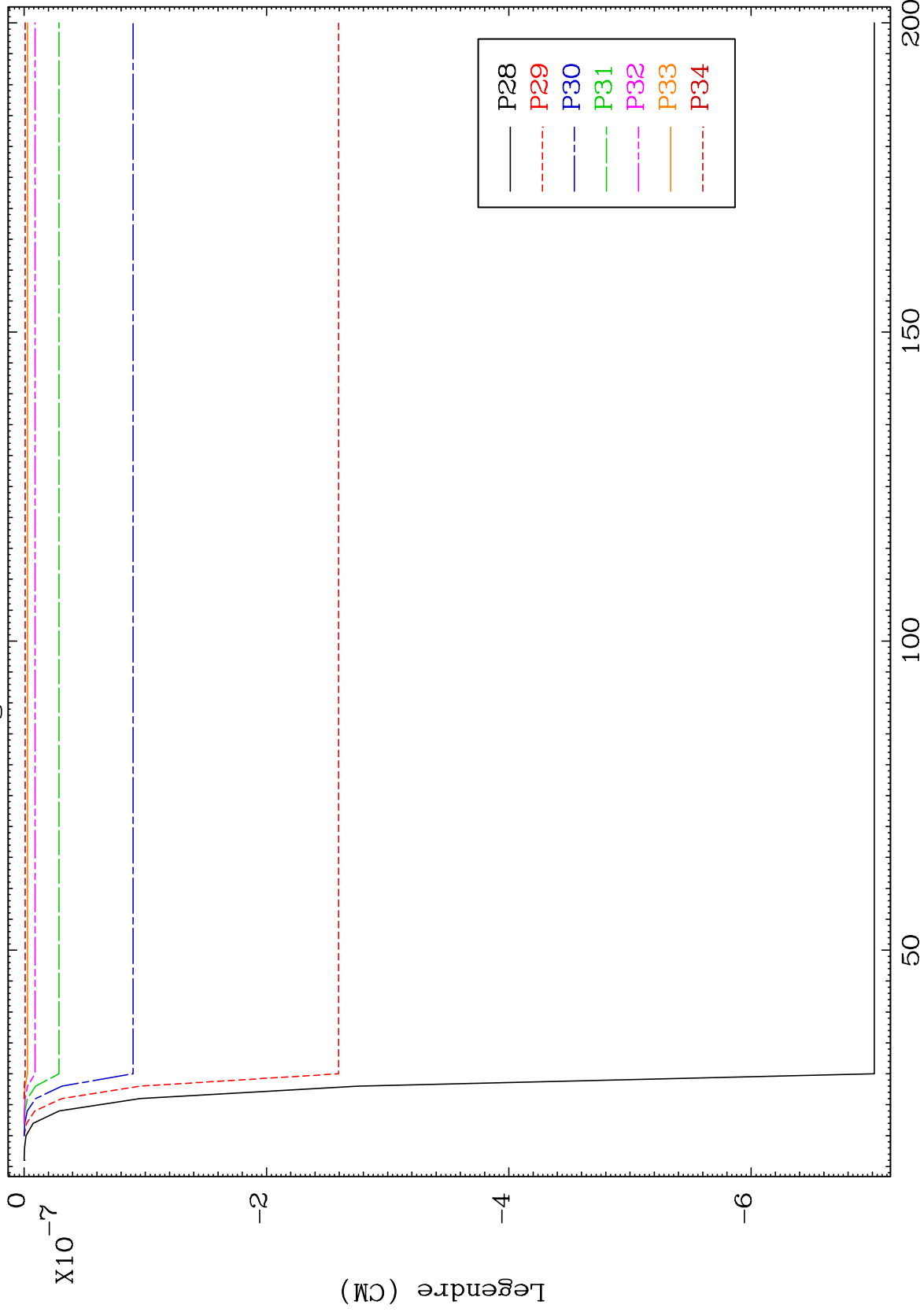


MAT 5249

MT= 77 (n,n') Level

52-Te-128

Legendre Coefficients



117

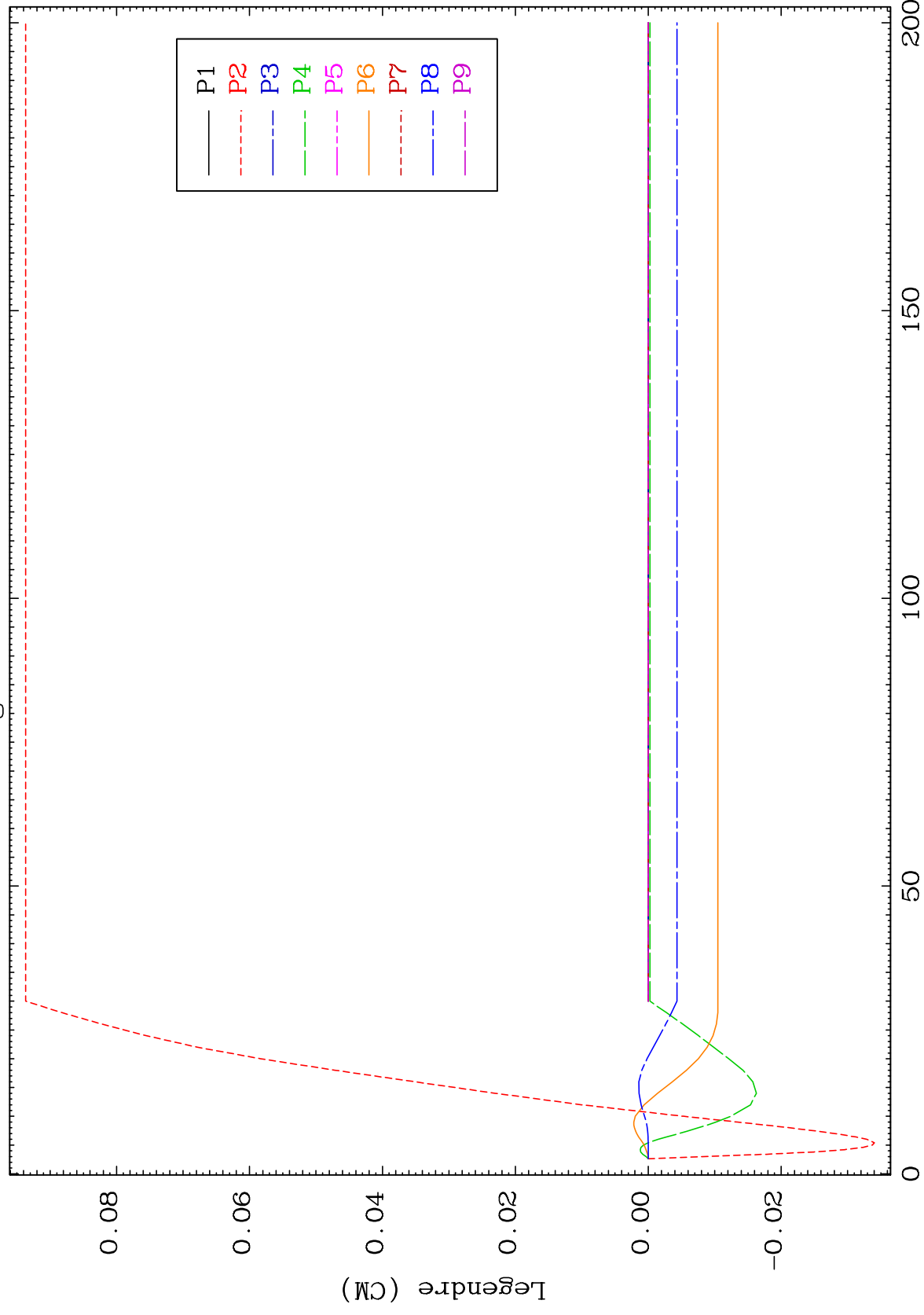
Incident Energy (MeV)

52-Te-128

MAT 5249

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

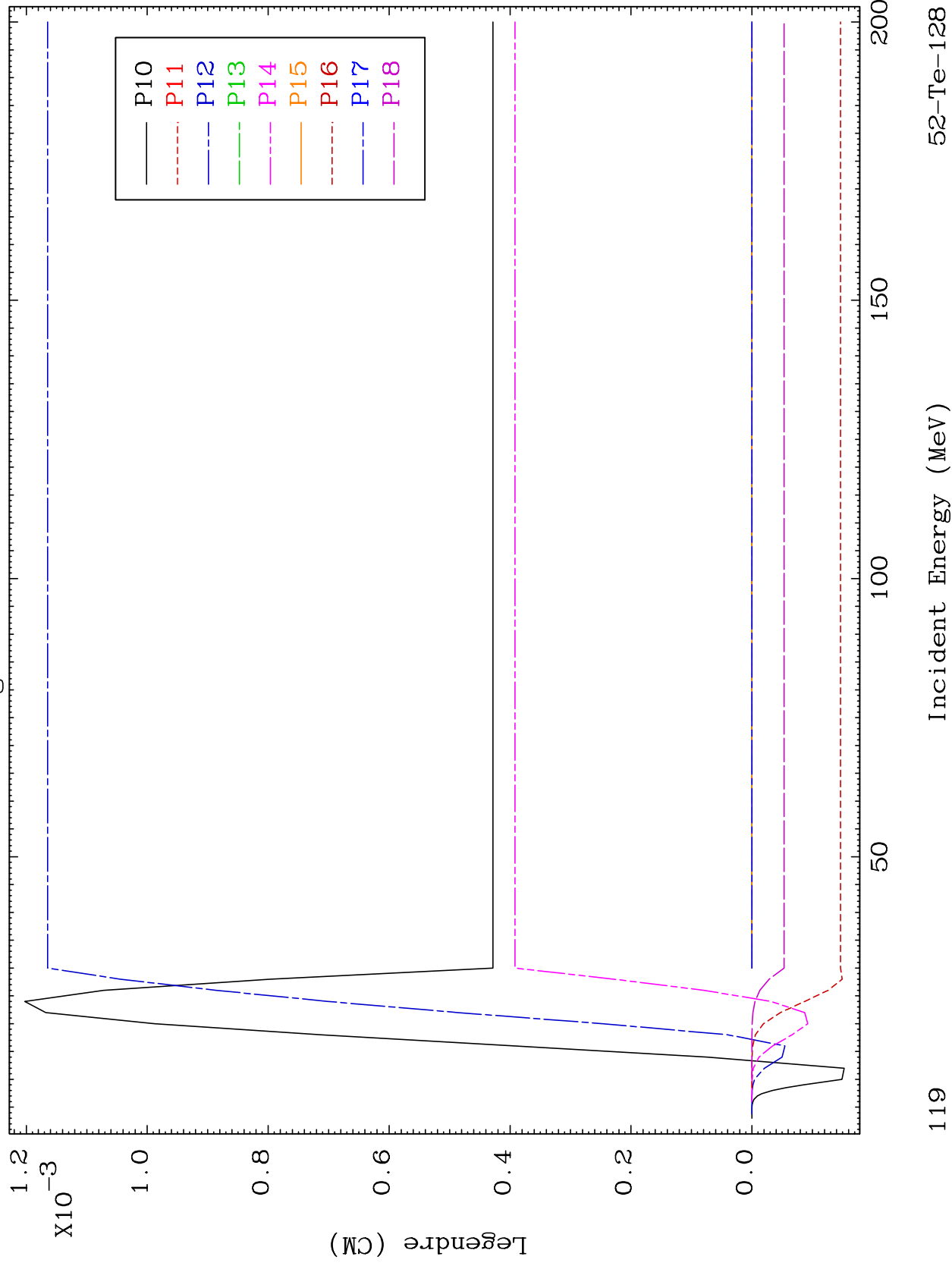
52-Te-128



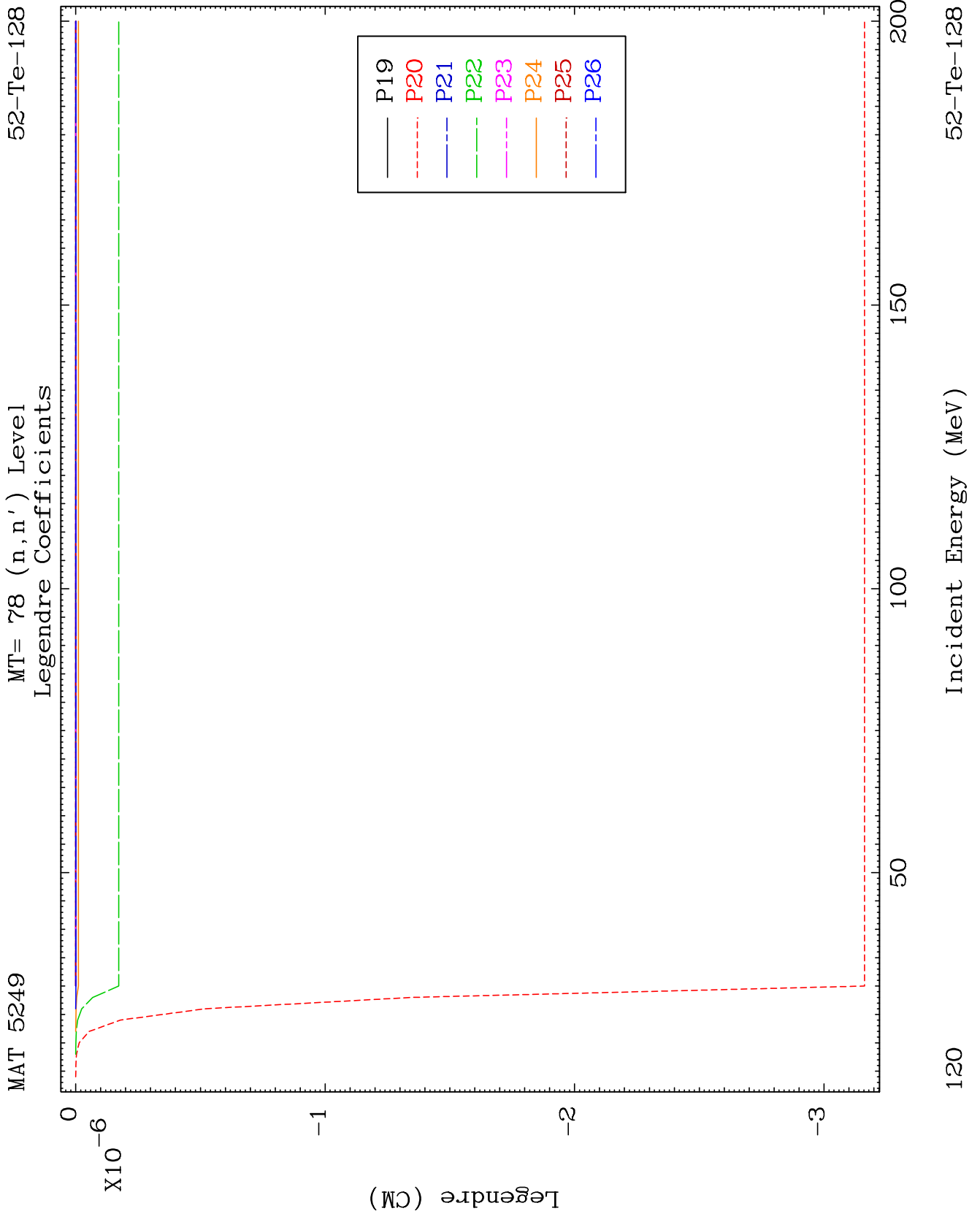
52-Te-128

Incident Energy (MeV)

118



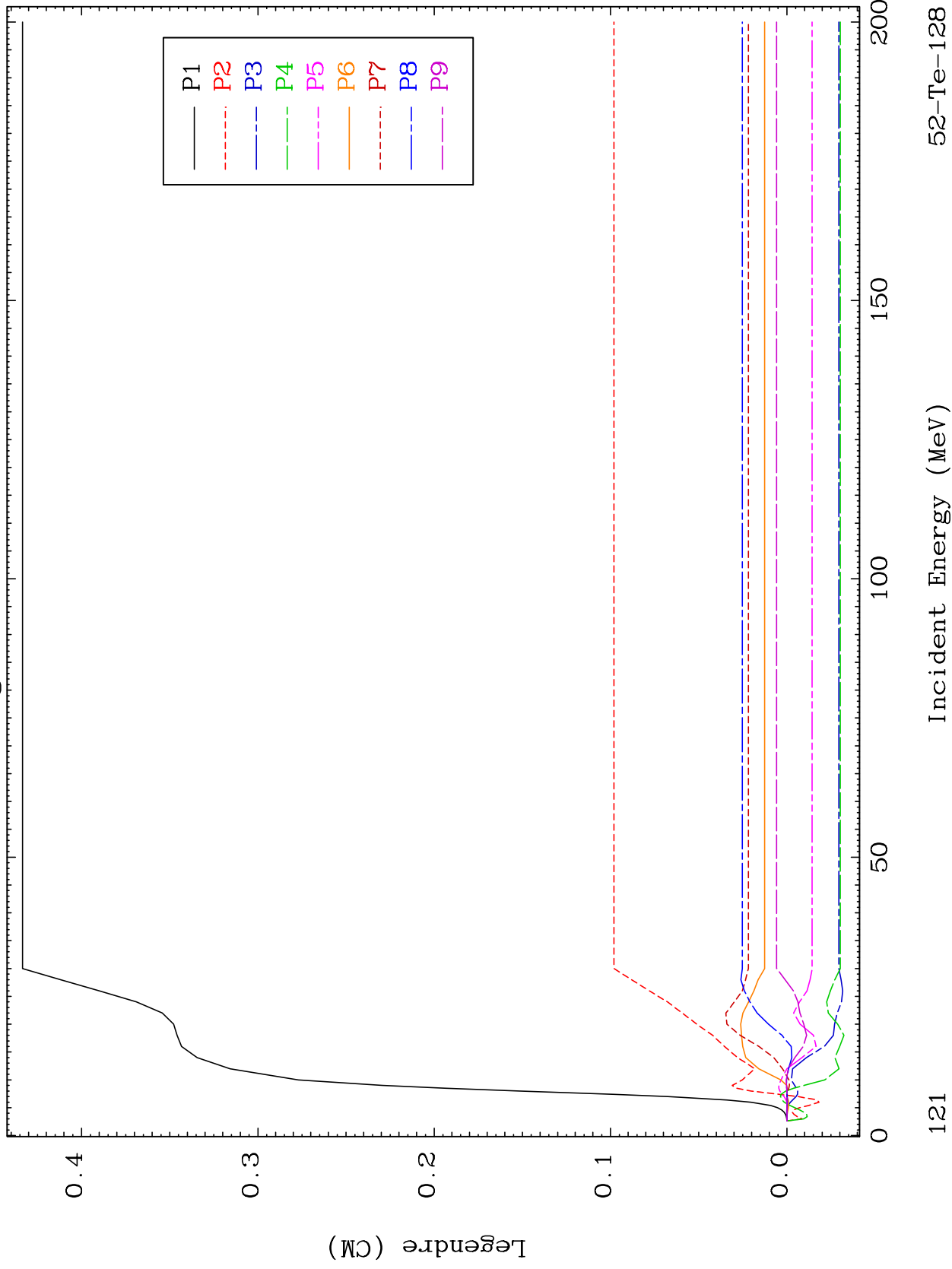




MAT 5249

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

52-Te-128



121

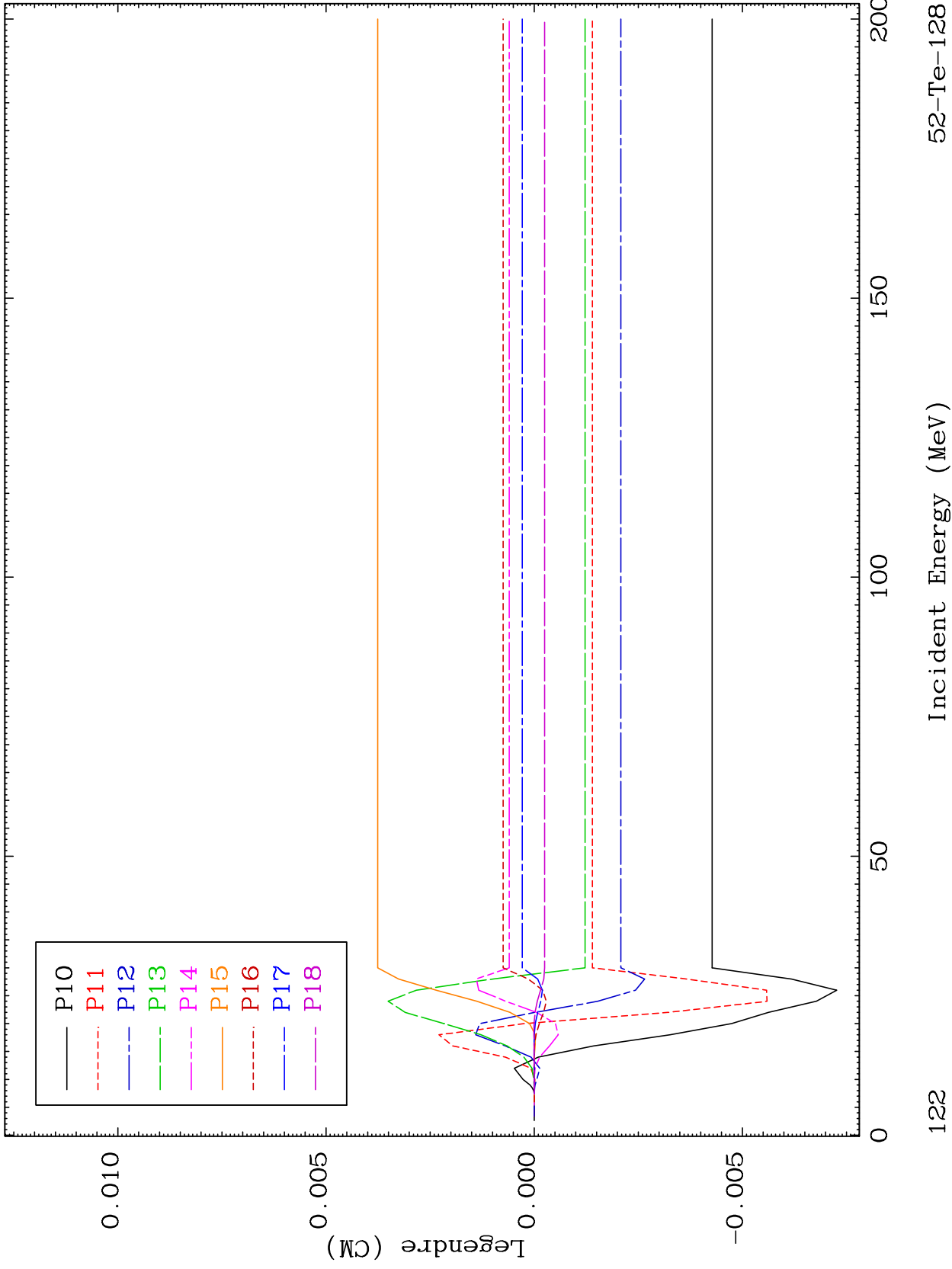
Incident Energy (MeV)

52-Te-128

MAT 5249

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

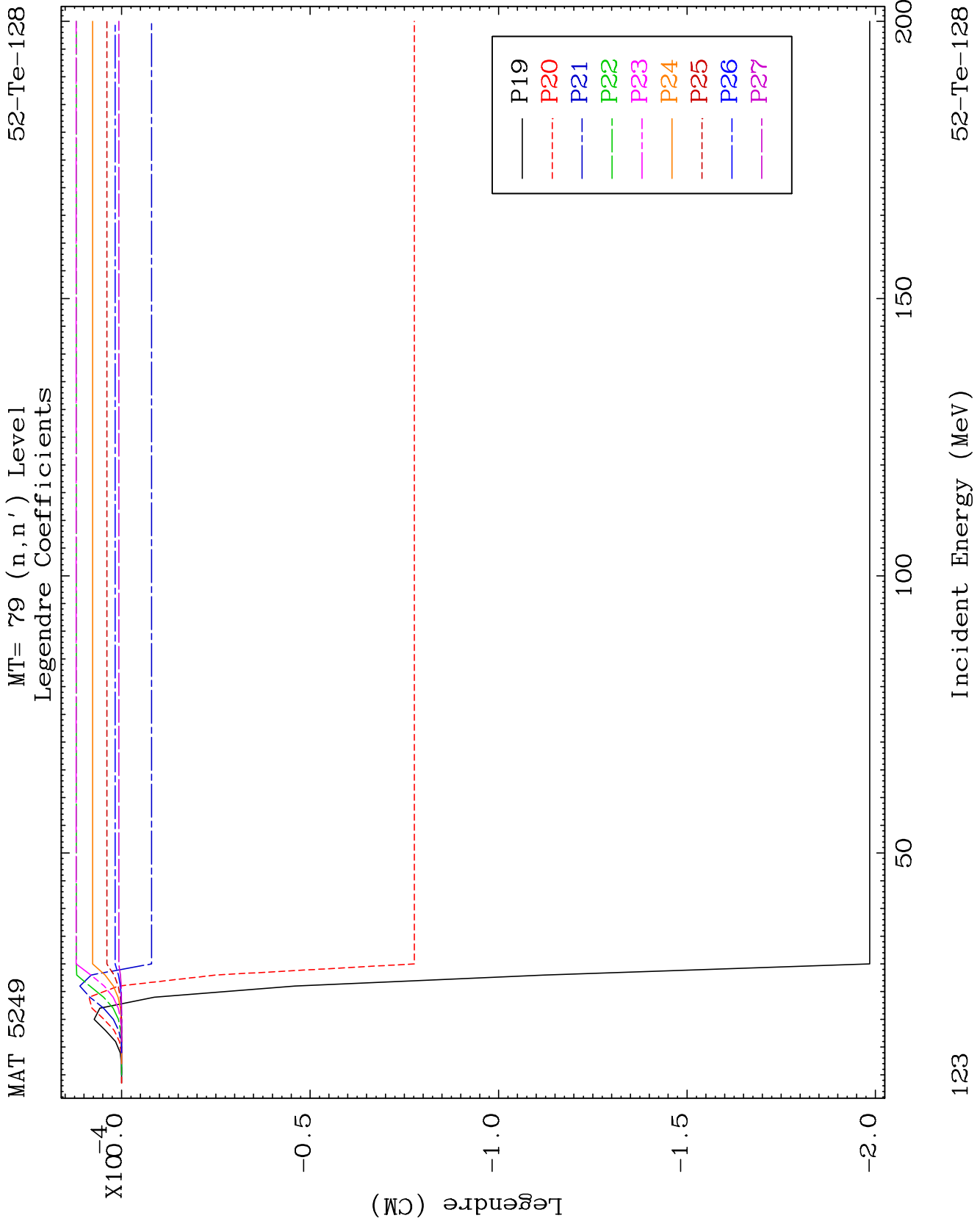
52-Te-128



122

Incident Energy (MeV)

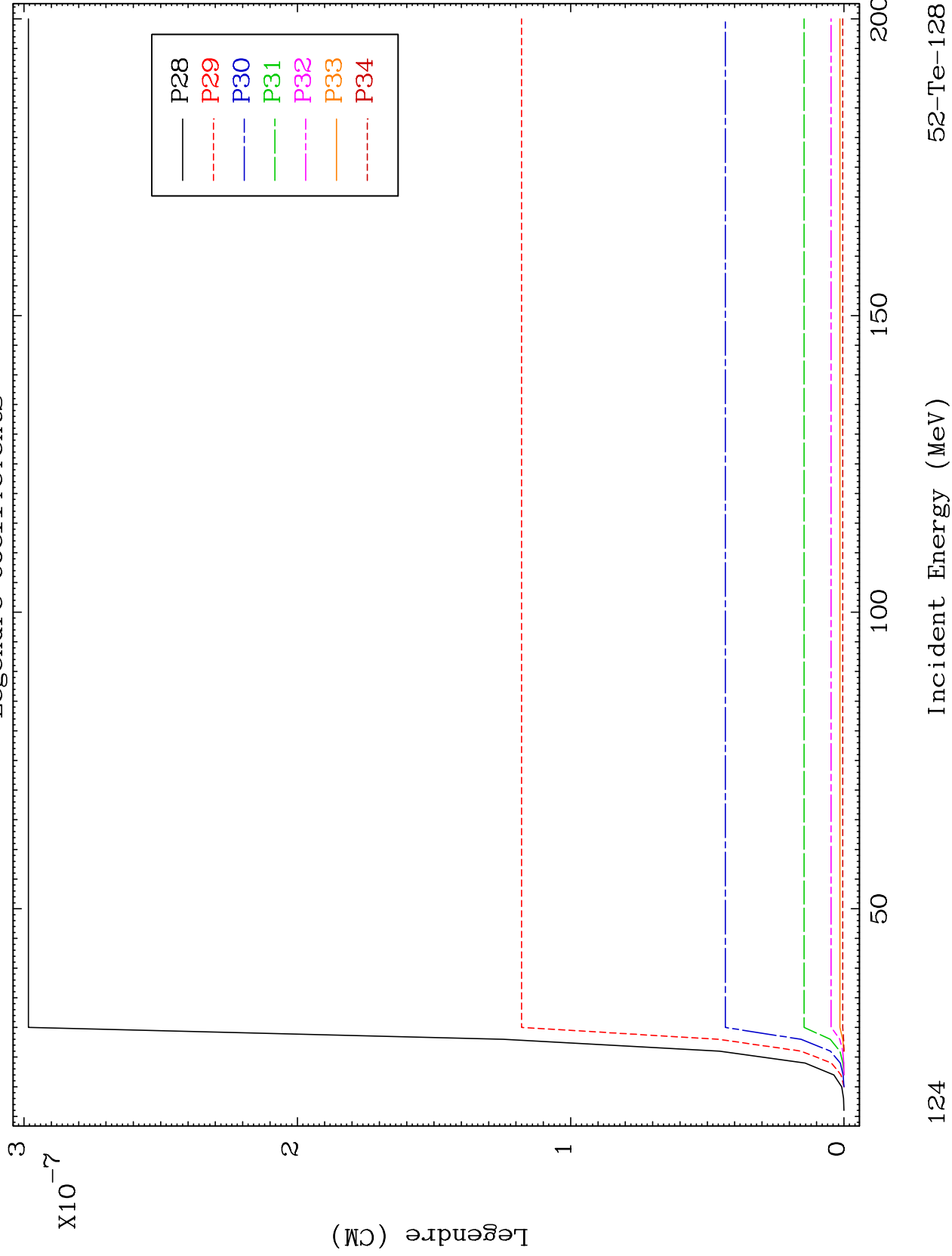
52-Te-128

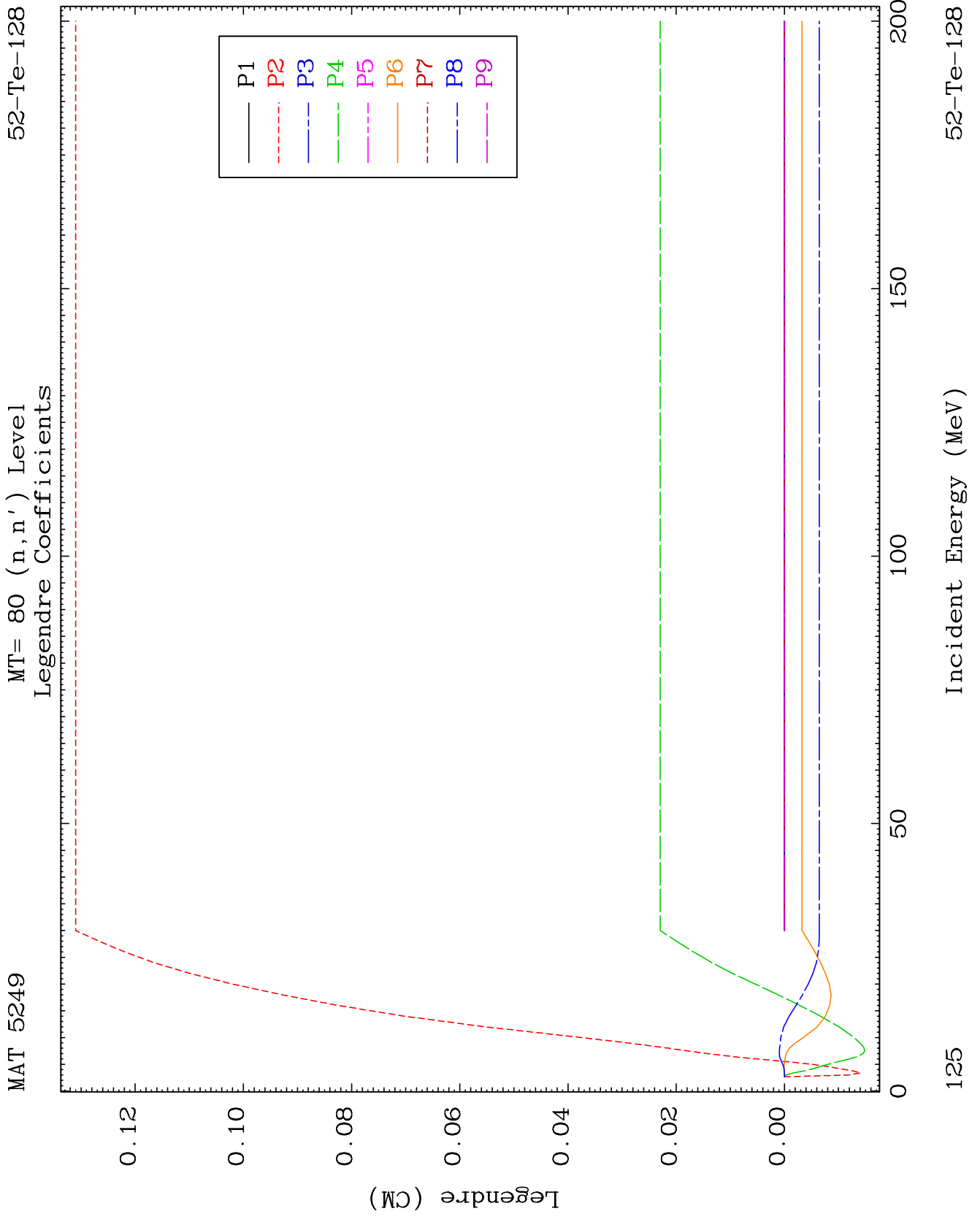


MAT 5249

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

52-Te-128

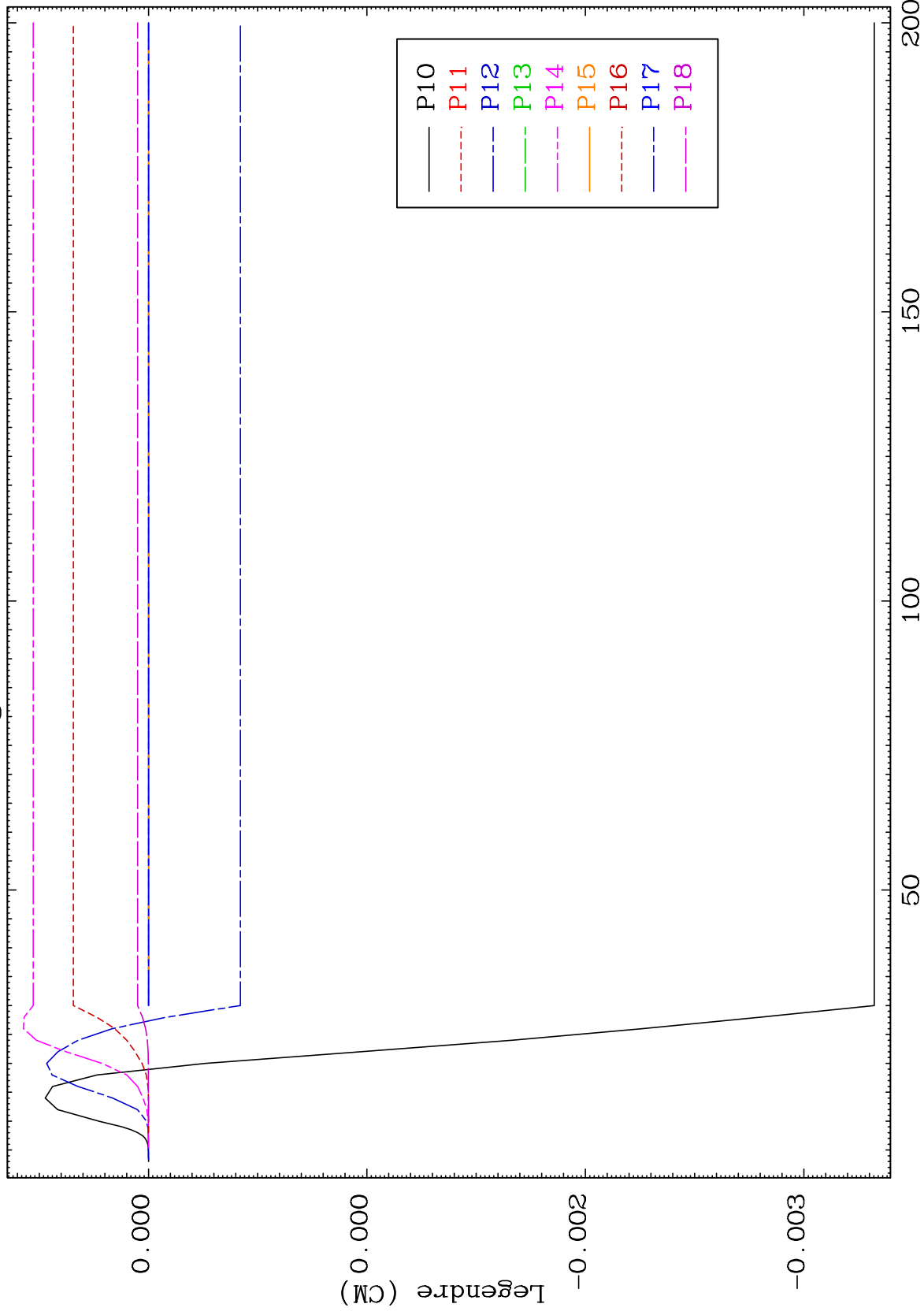




MAT 5249

MT= 80 (n,n') Level  
Legendre Coefficients

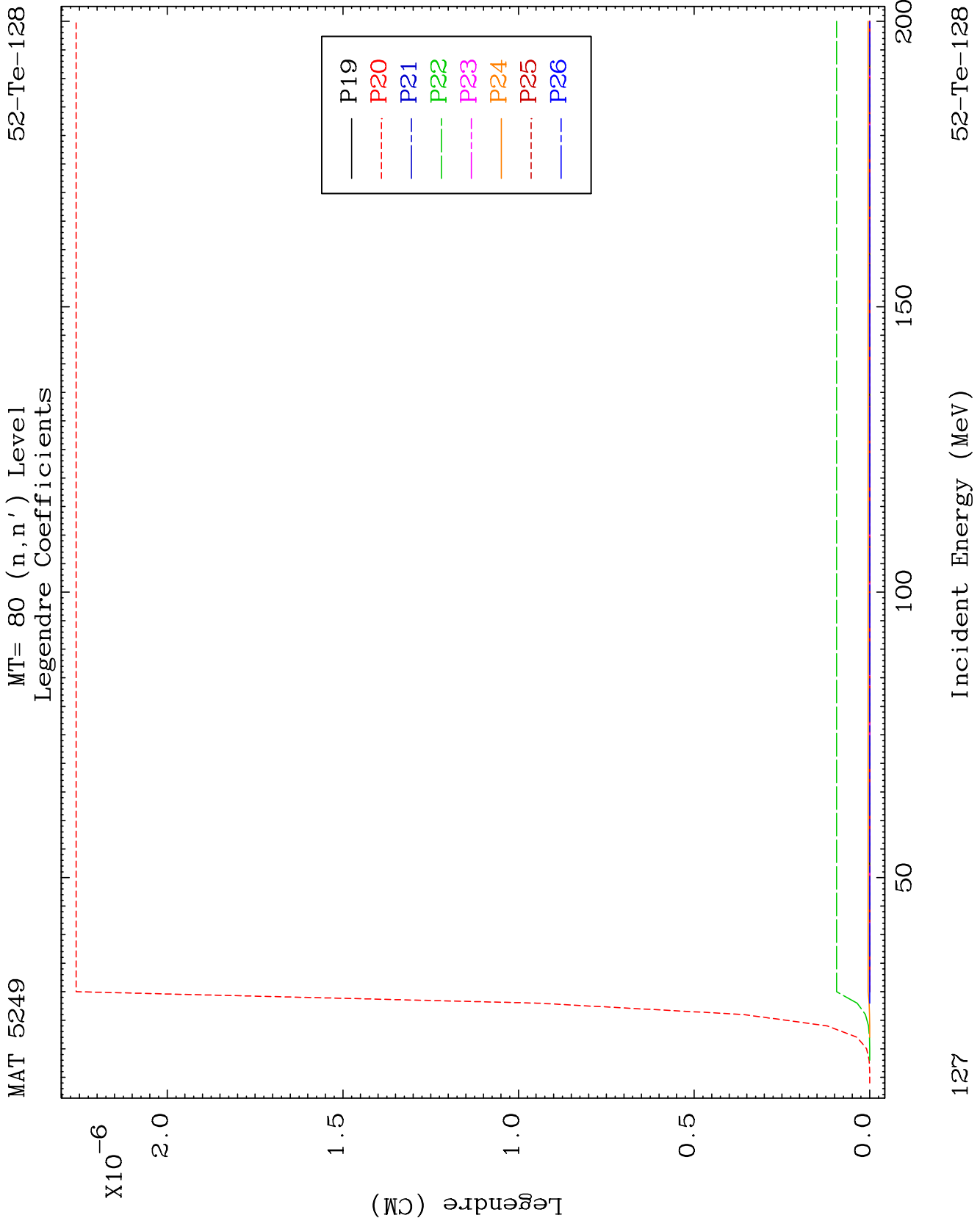
52-Te-128



126

Incident Energy (MeV)

52-Te-128

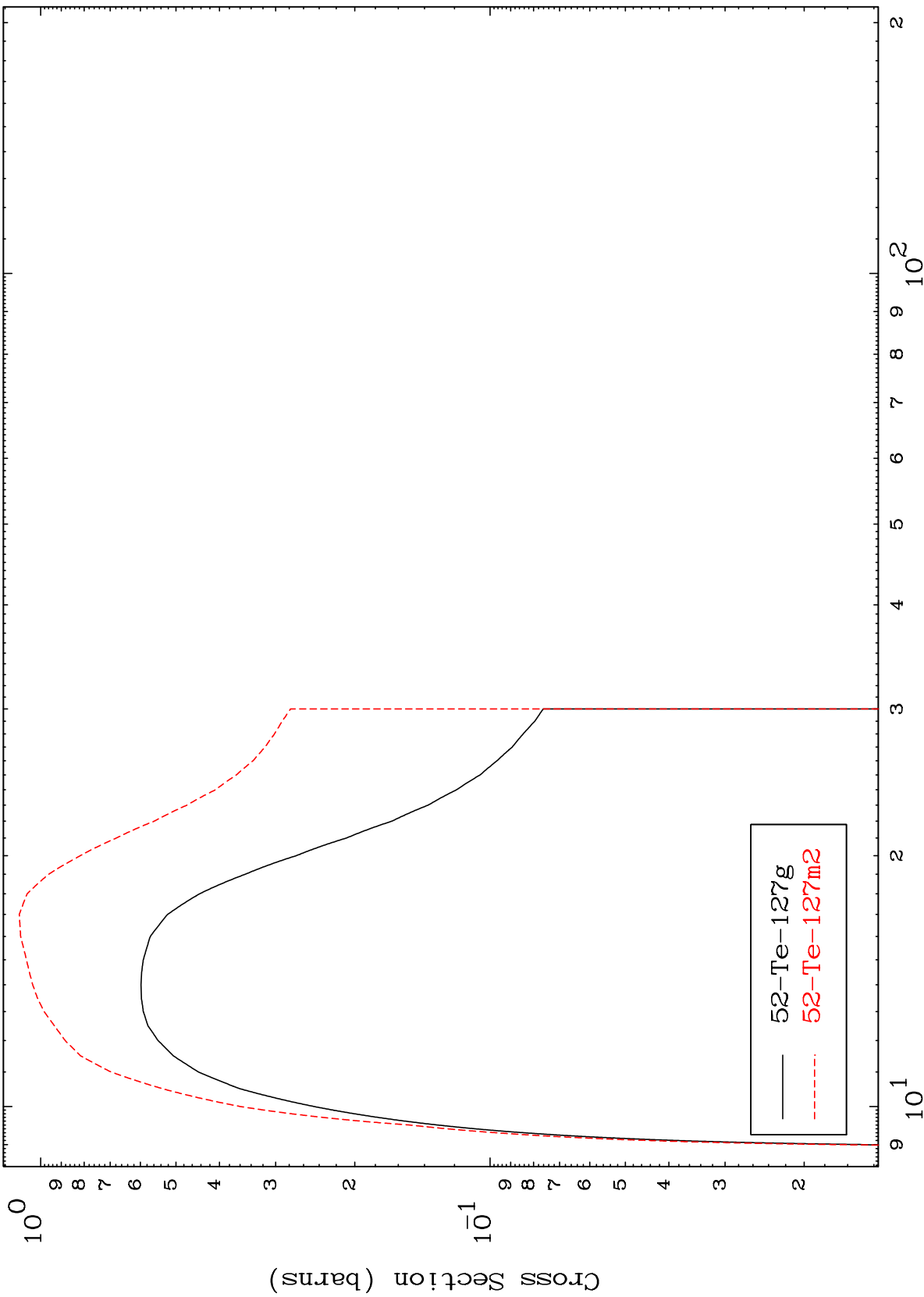




MAT 5249

52-Te-128

(n,2n)  
Radionuclide Production Cross Section



— 52-Te-127g  
- - - 52-Te-127m2

128

Incident Energy (MeV)

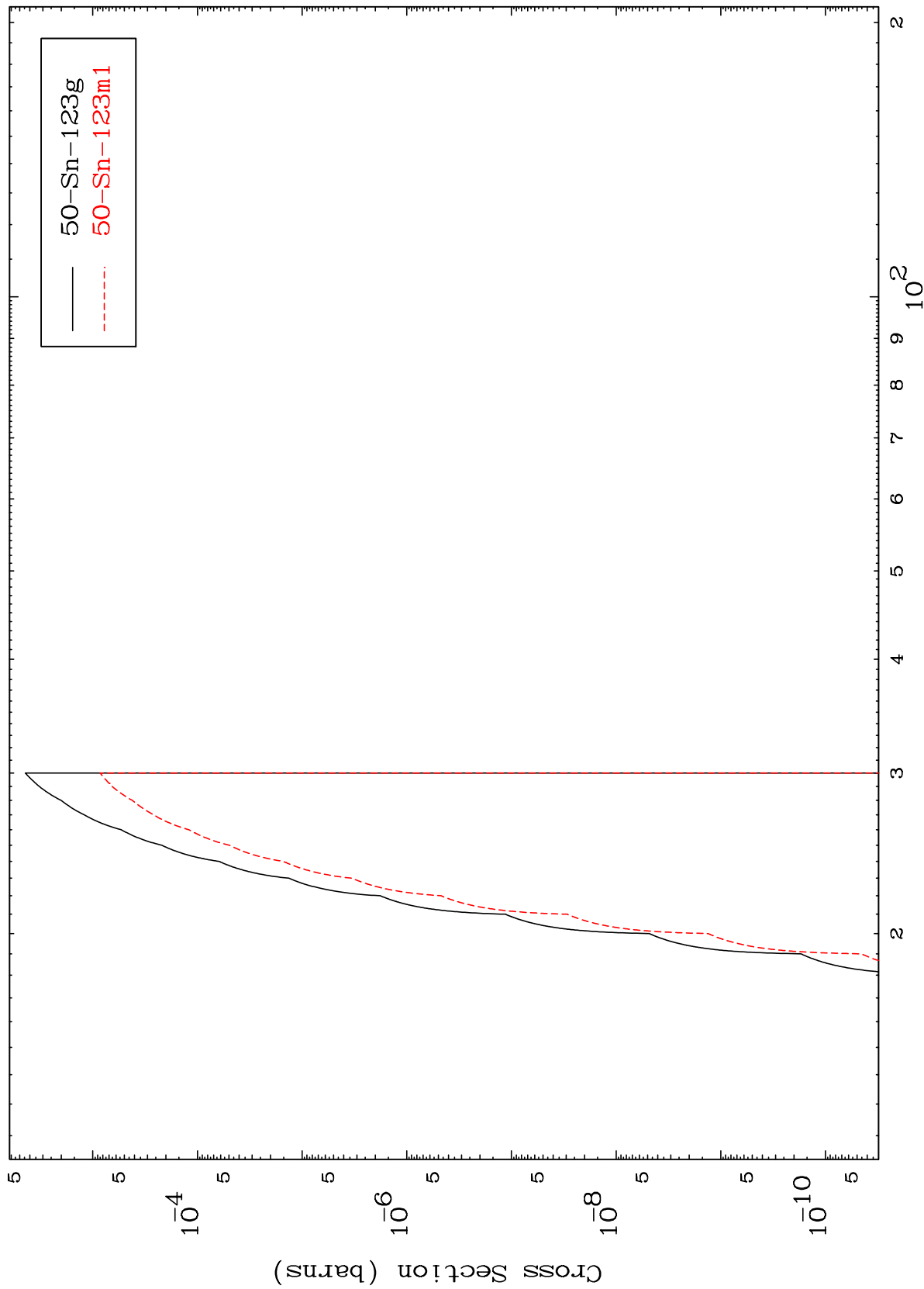
52-Te-128

MAT 5249

(n,2n)  $\alpha$

52-Te-128

Radionuclide Production Cross Section



50-Sn-123g  
50-Sn-123m1

129

Incident Energy (MeV)

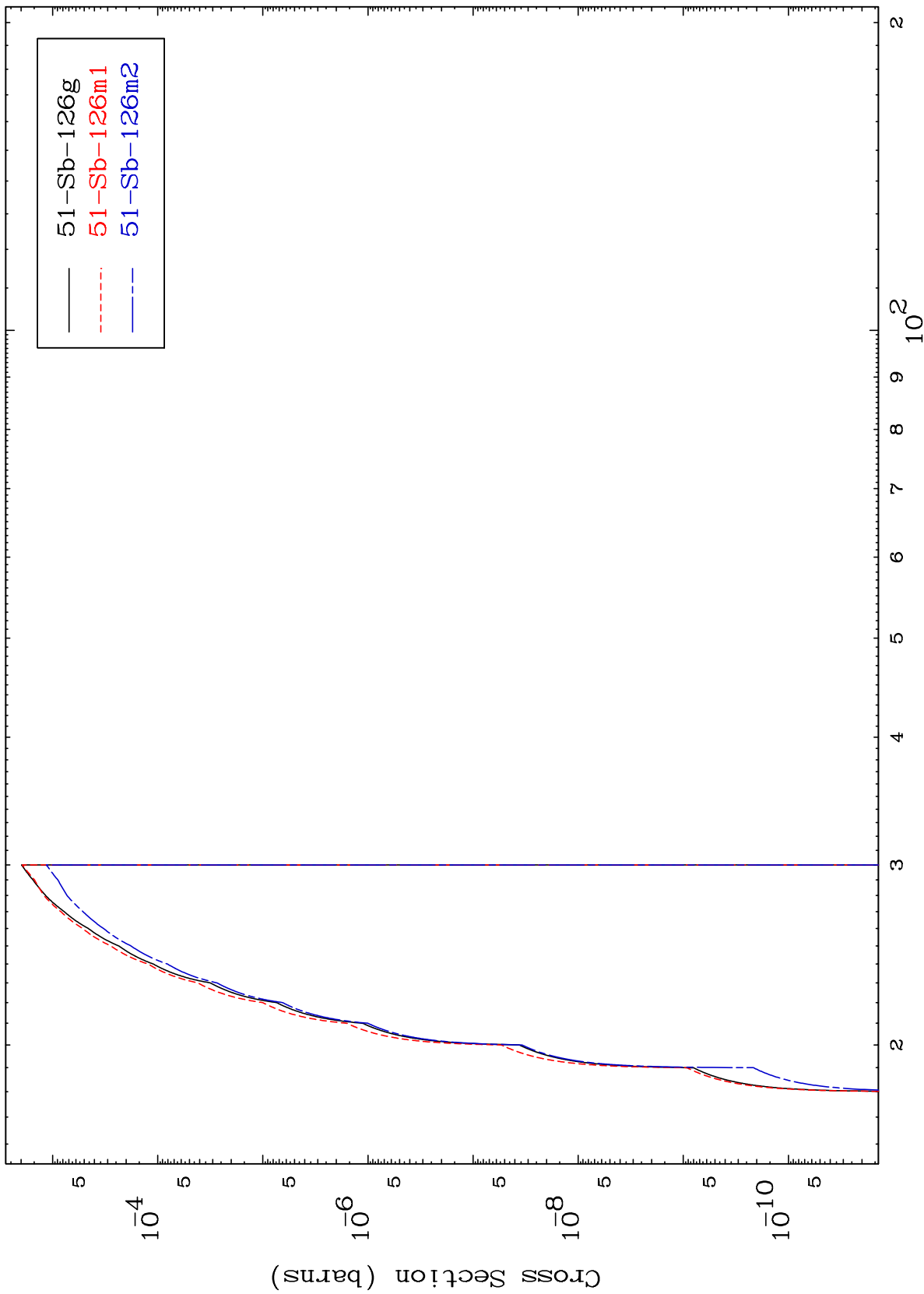
52-Te-128

MAT 5249

(n,n') d

52-Te-128

Radionuclide Production Cross Section



130

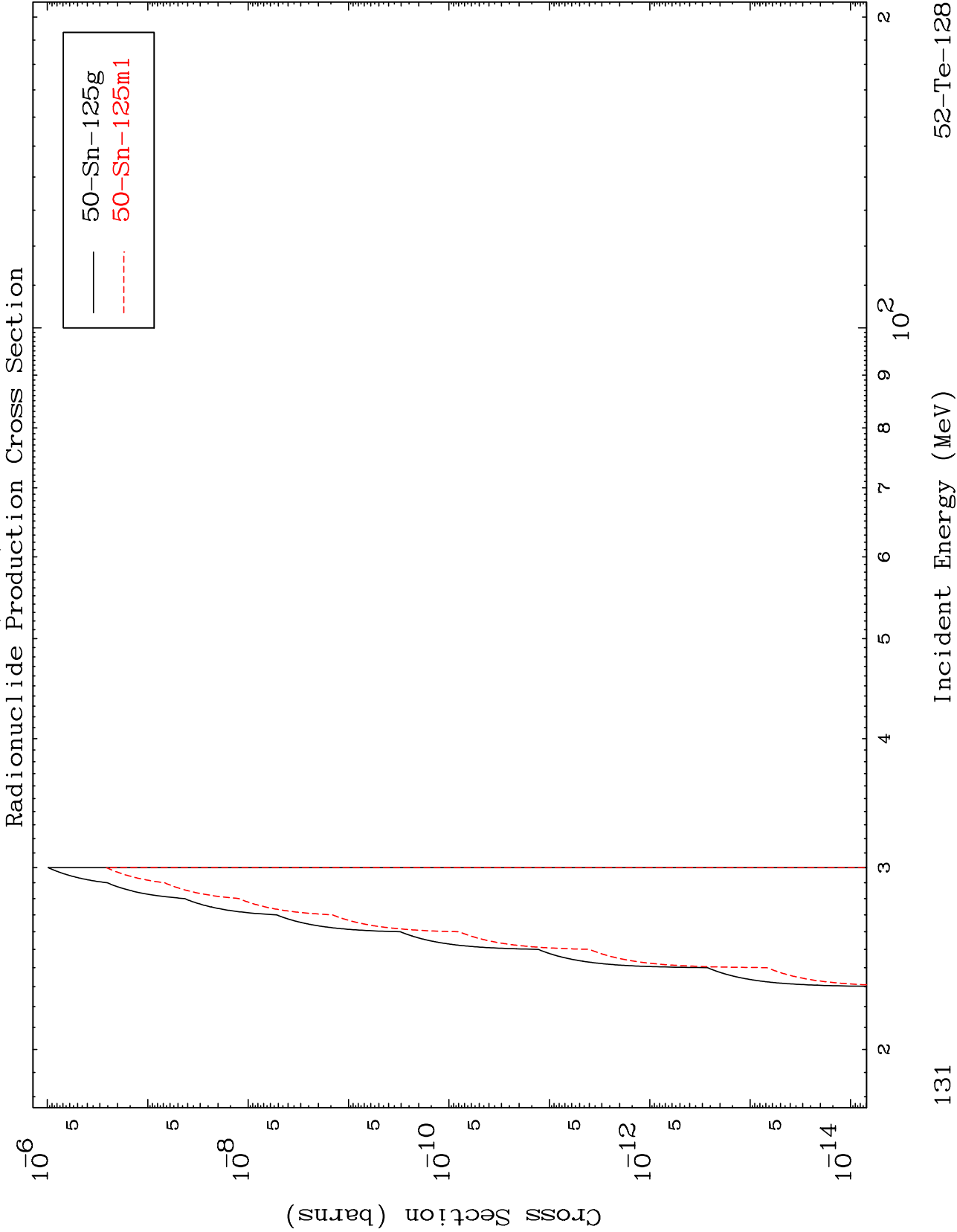
Incident Energy (MeV)

52-Te-128

MAT 5249

(n,n') He-3

52-Te-128



131

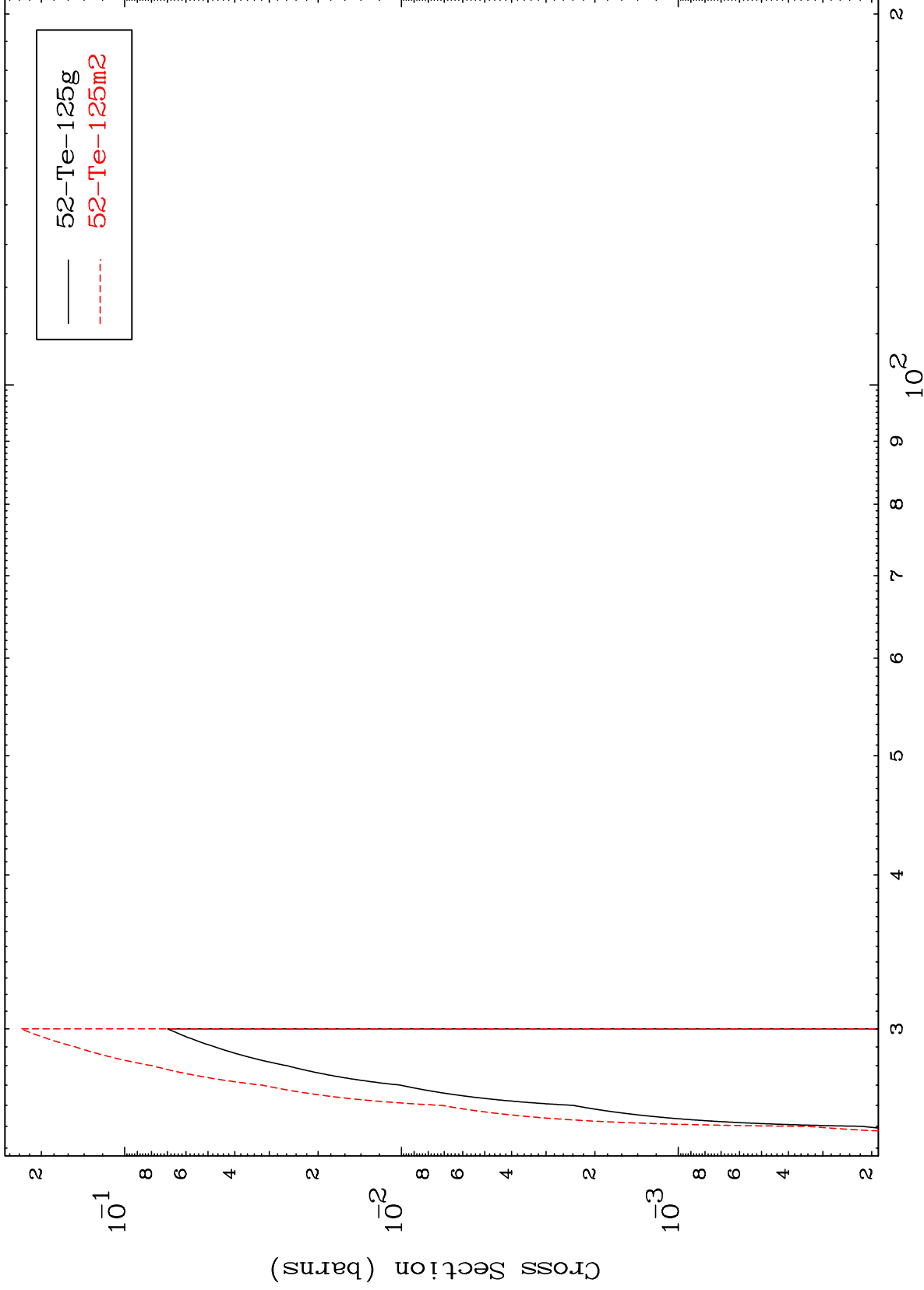
52-Te-128

MAT 5249

(n,4n)

52-Te-128

Radionuclide Production Cross Section

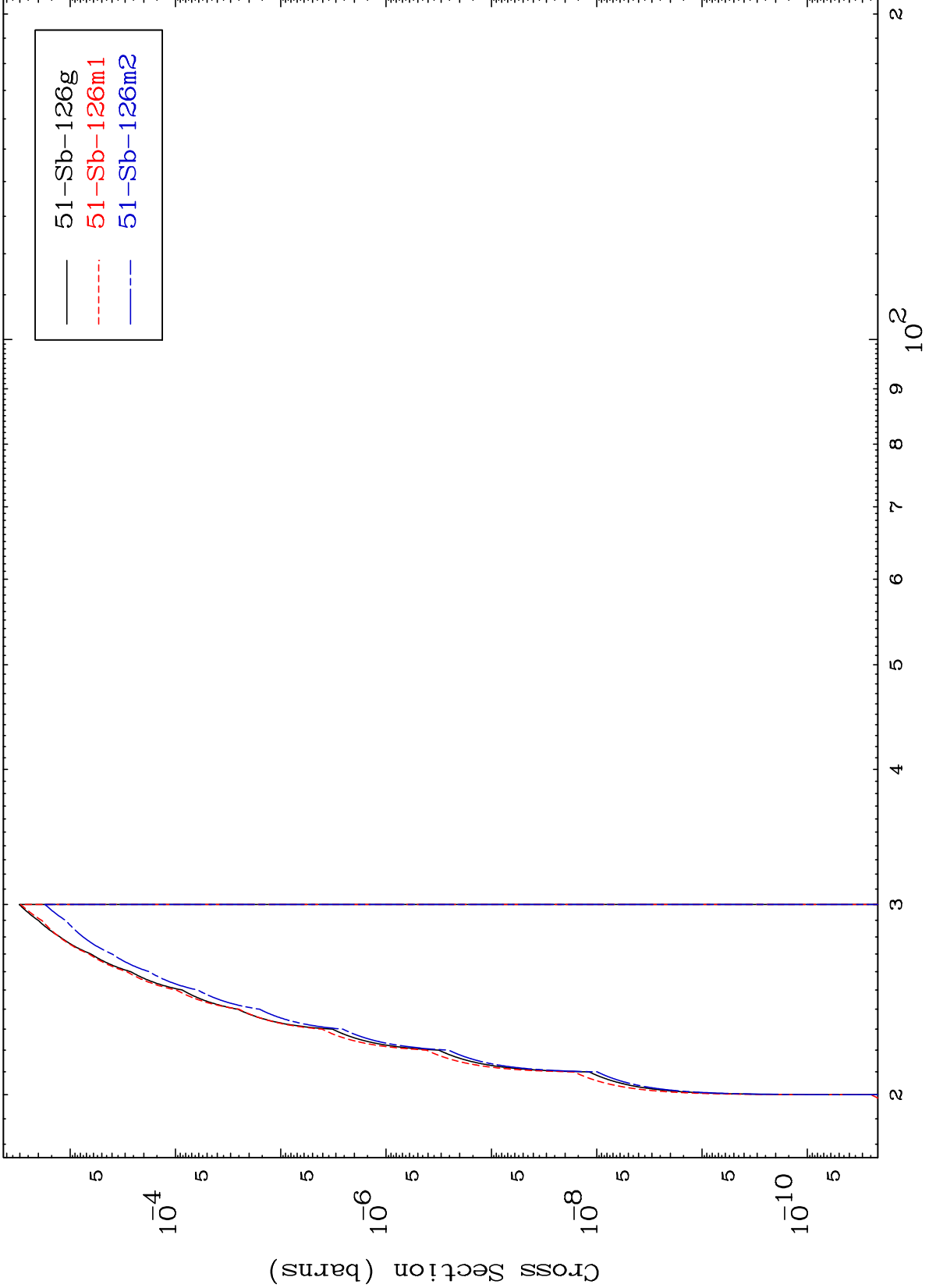


132

Incident Energy (MeV)

52-Te-128

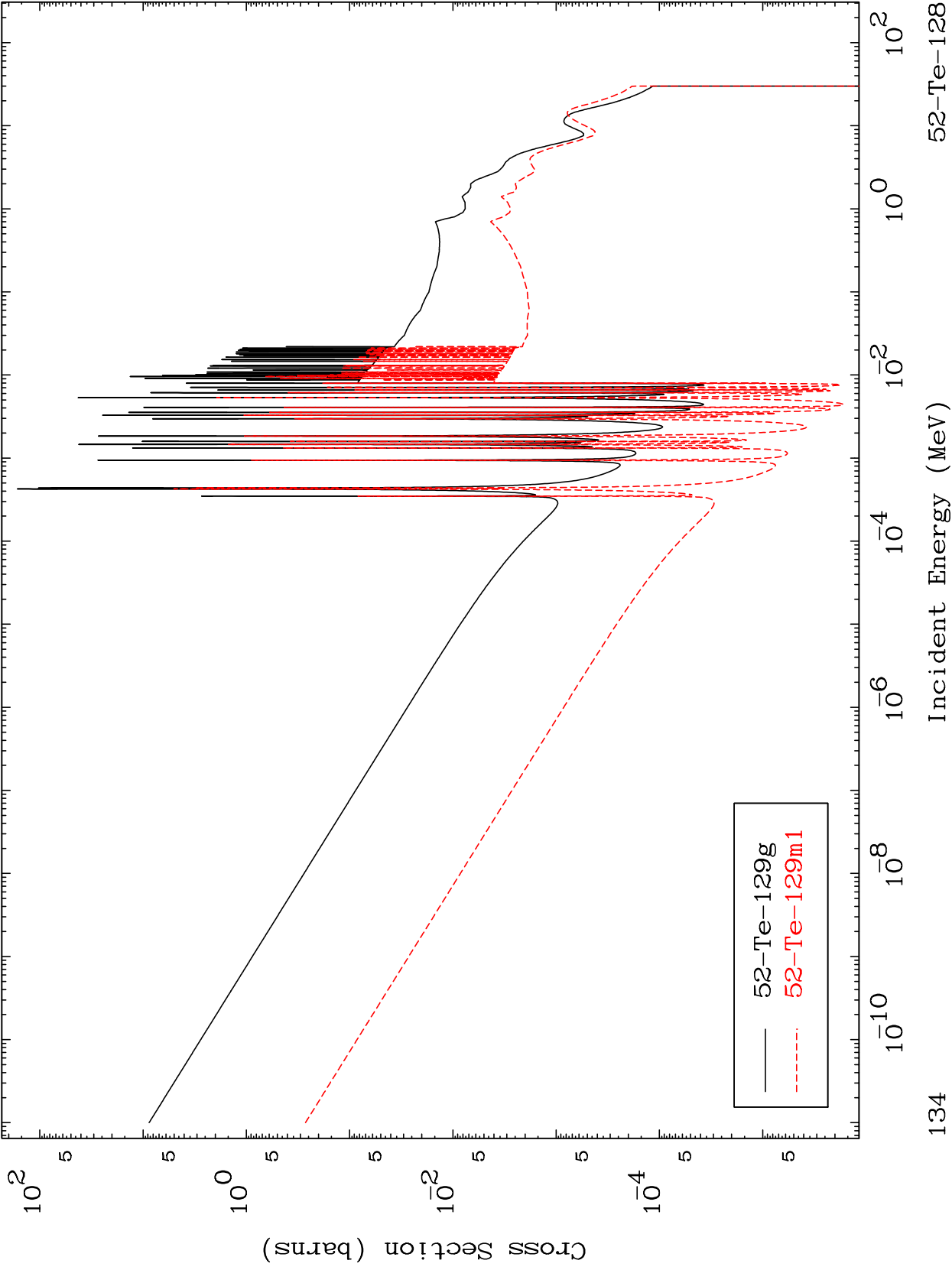
Radionuclide Production Cross Section



MAT 5249

52-Te-128

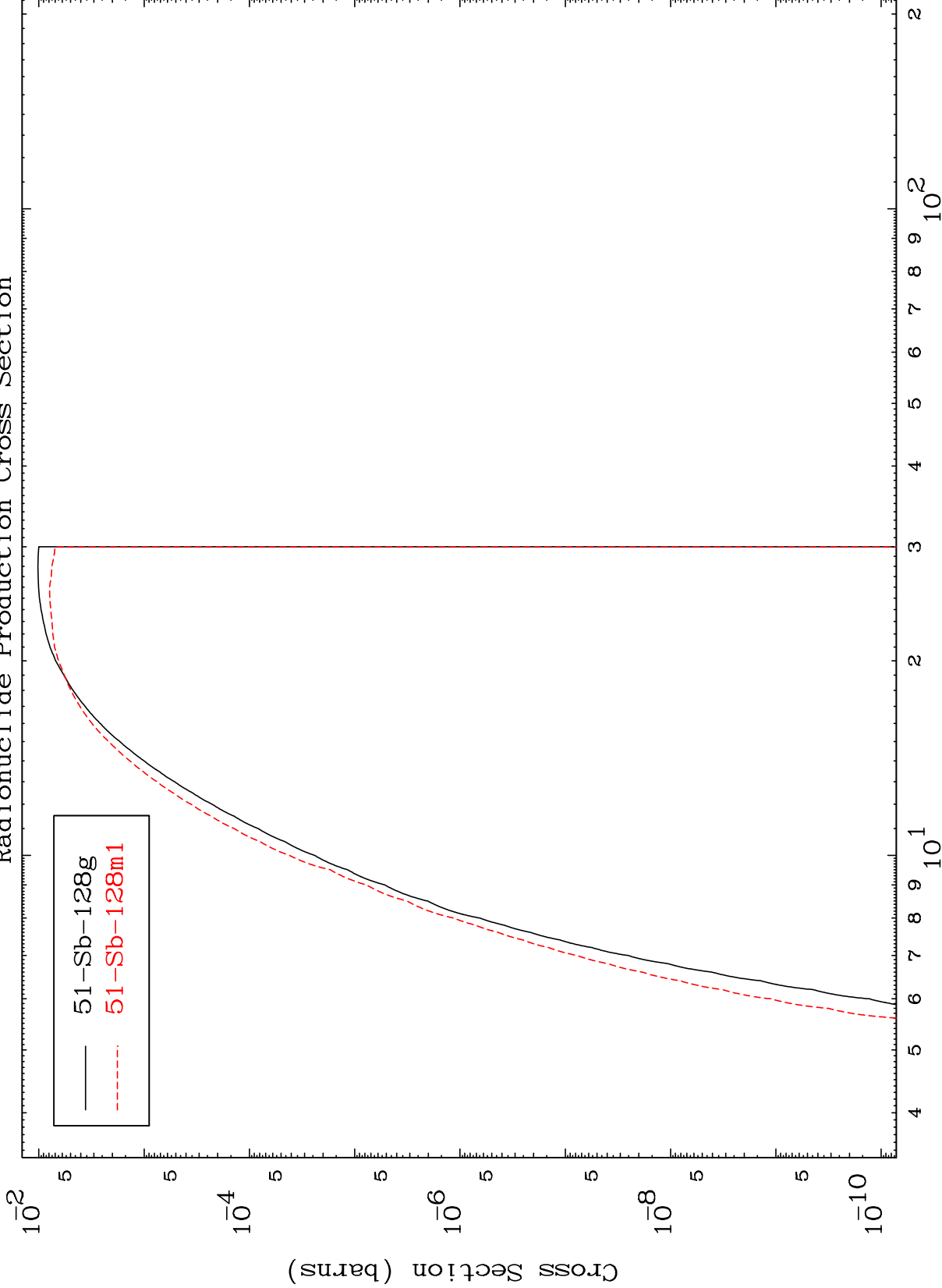
$(n, \gamma)$   
Radionuclide Production Cross Section



MAT 5249

52-Te-128

(n,p)  
Radionuclide Production Cross Section



51-Sb-128g  
51-Sb-128m1

52-Te-128

Incident Energy (MeV)

135

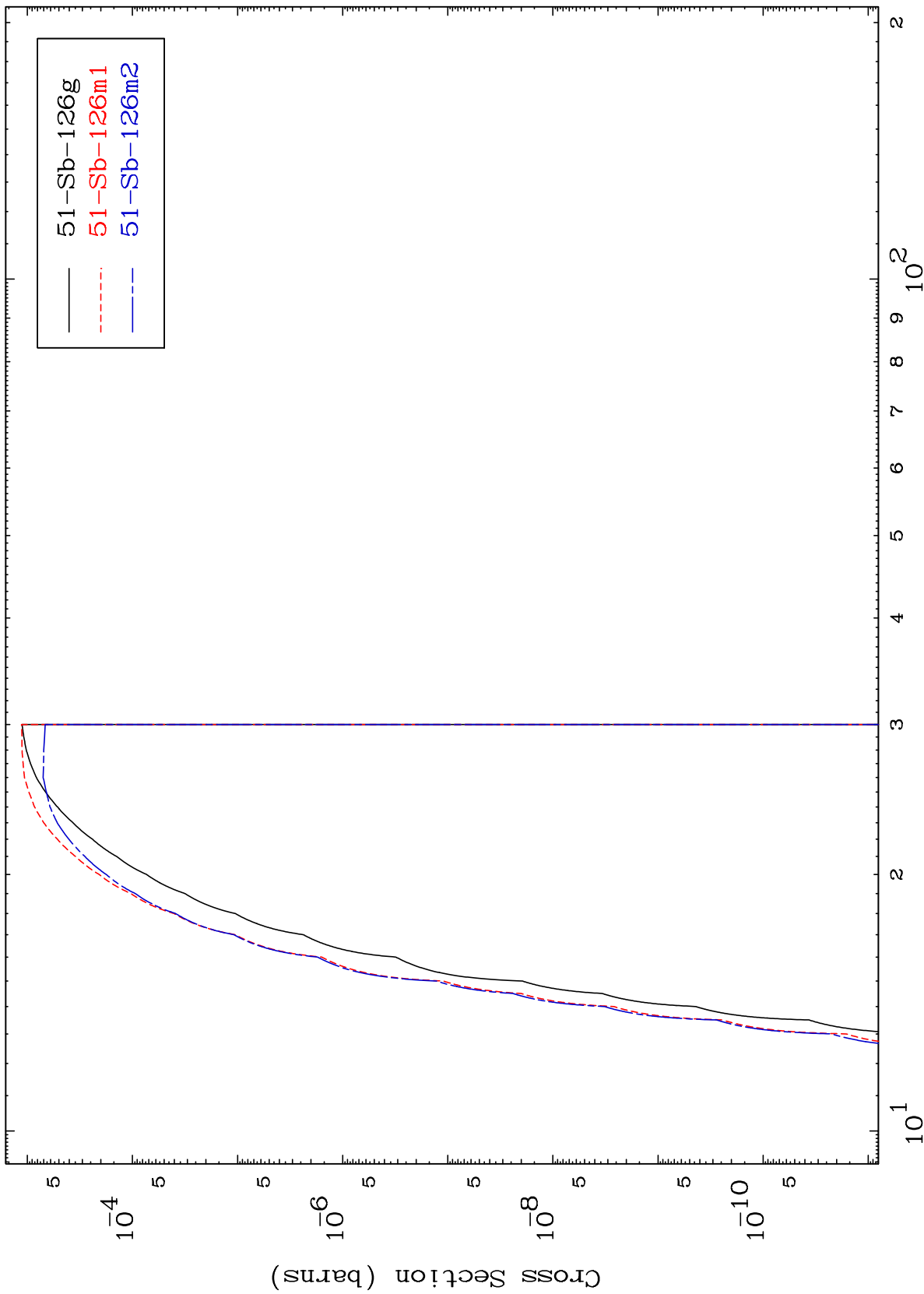


MAT 5249

(n, t)

52-Te-128

Radionuclide Production Cross Section



Incident Energy (MeV)

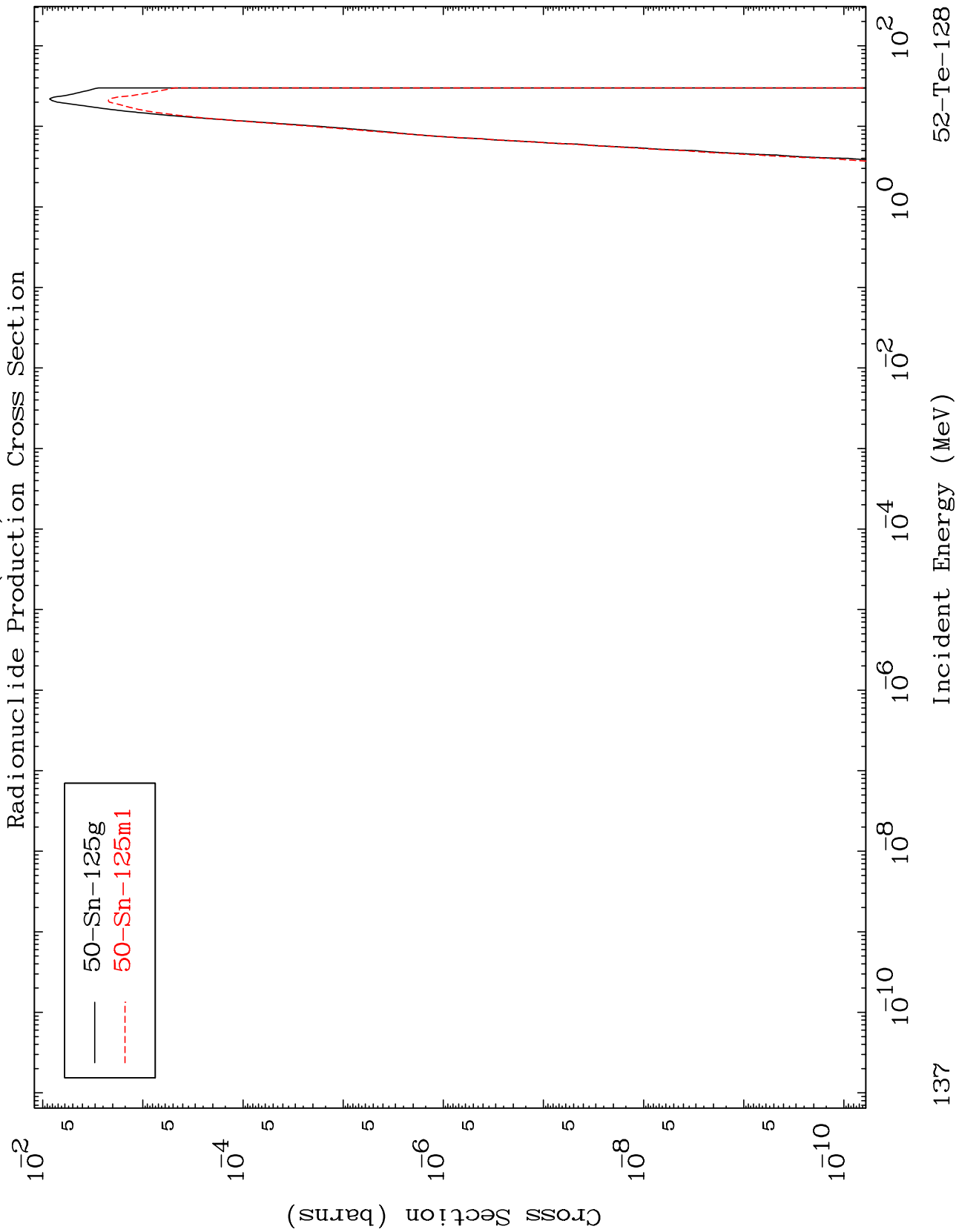
52-Te-128

136

MAT 5249

52-Te-128

Radionuclide Production Cross Section

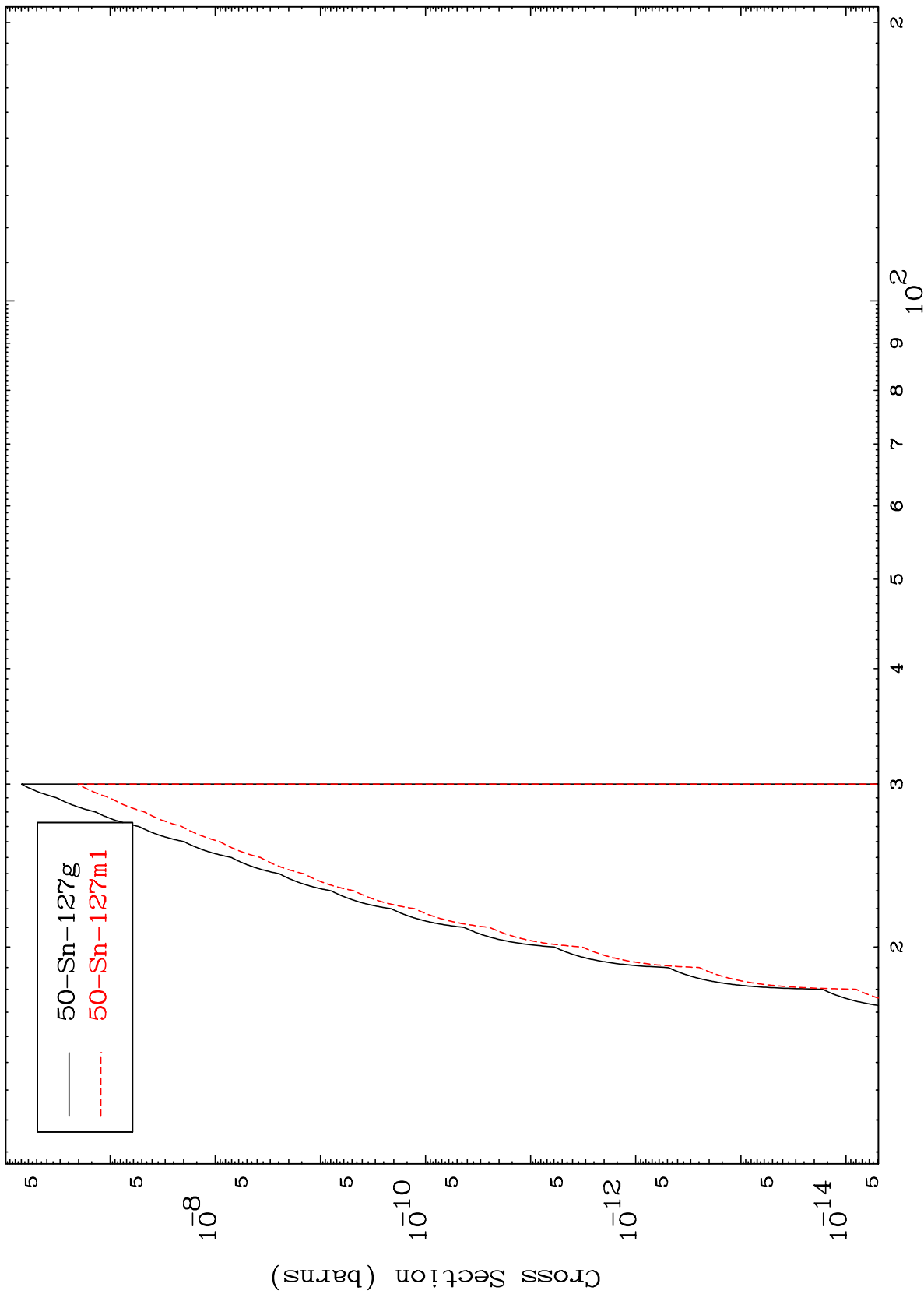


137

MAT 5249

52-Te-128

(n,2p)  
Radionuclide Production Cross Section



138

Incident Energy (MeV)

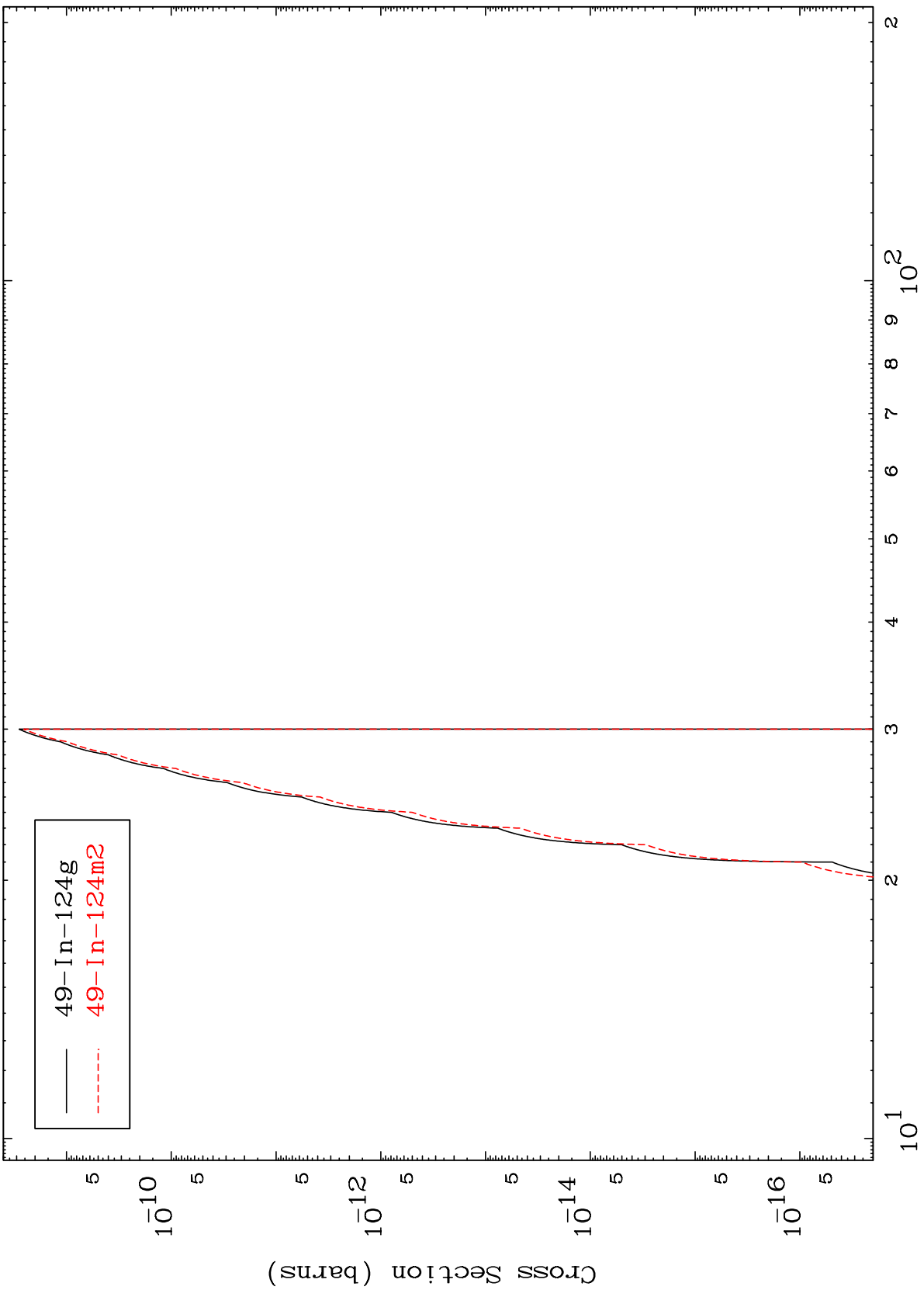
52-Te-128

MAT 5249

(n,p)  $\alpha$

52-Te-128

Radionuclide Production Cross Section



49-In-124g  
49-In-124m2

139

Incident Energy (MeV)

52-Te-128