

Program EVALPLOT  
(Version 2021-1)

by

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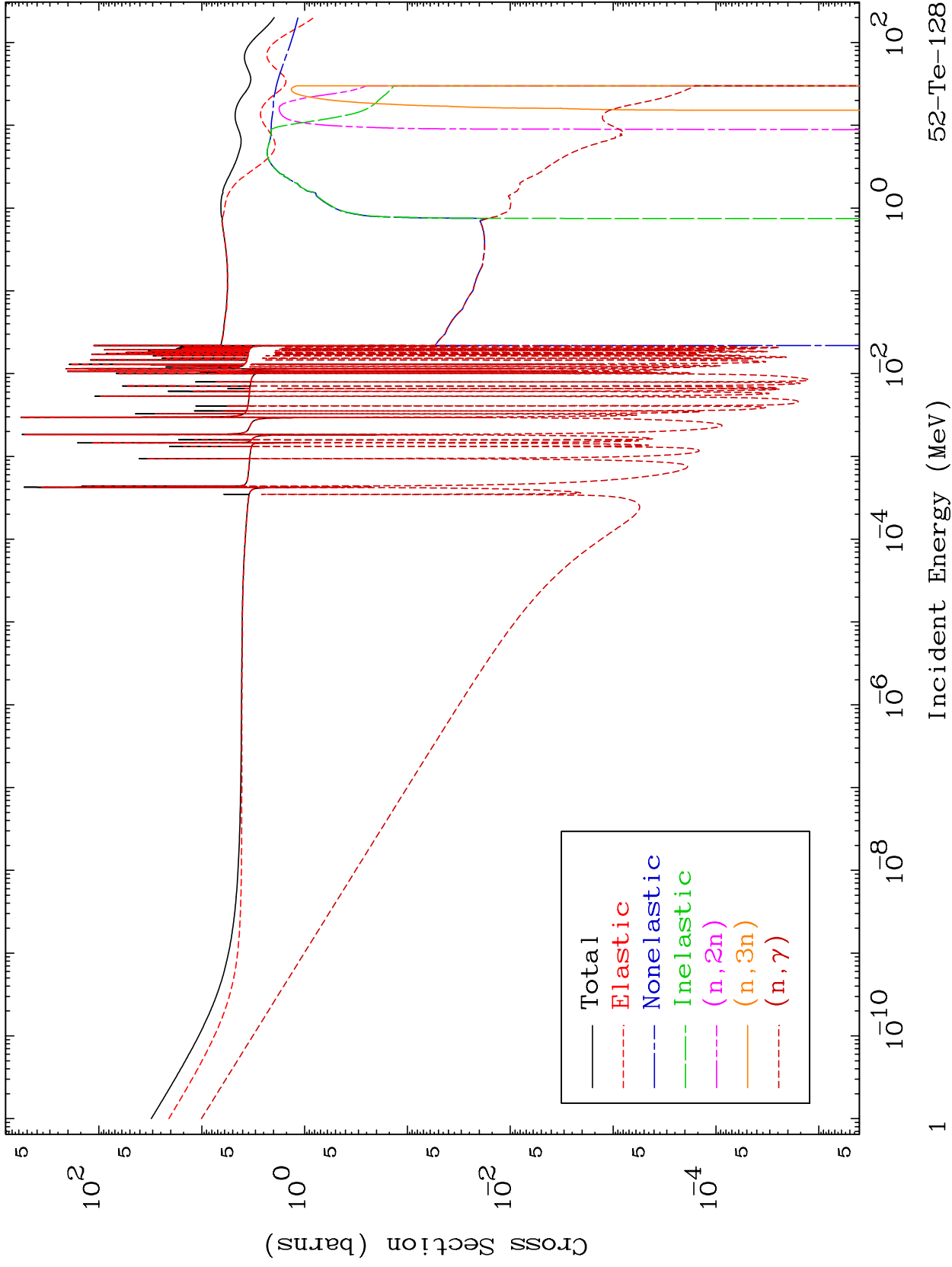
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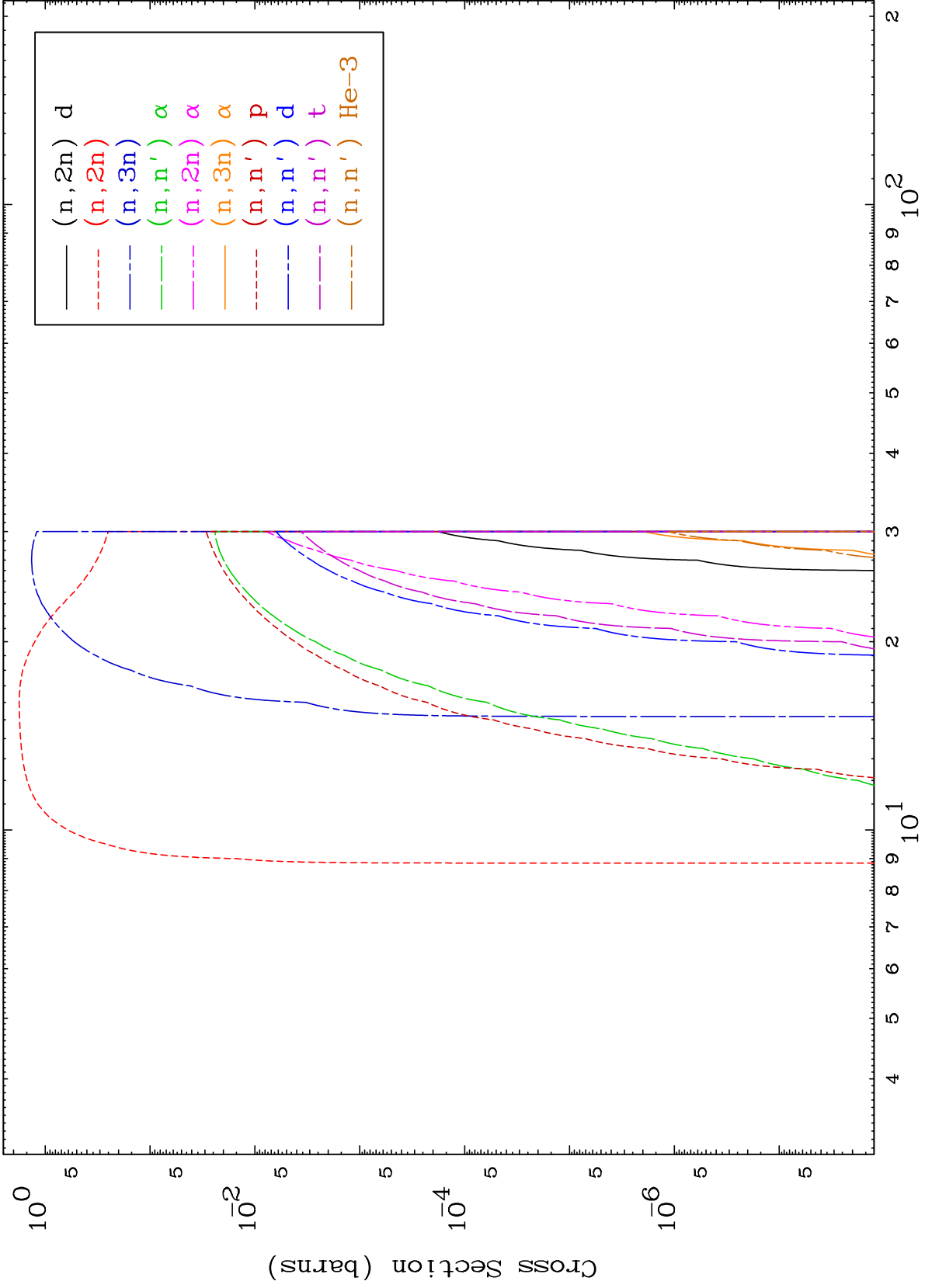
Press Mouse Button to Start

MAT 5249

Neutron Major  
293 Kelvin Cross Sections

52-Te-128

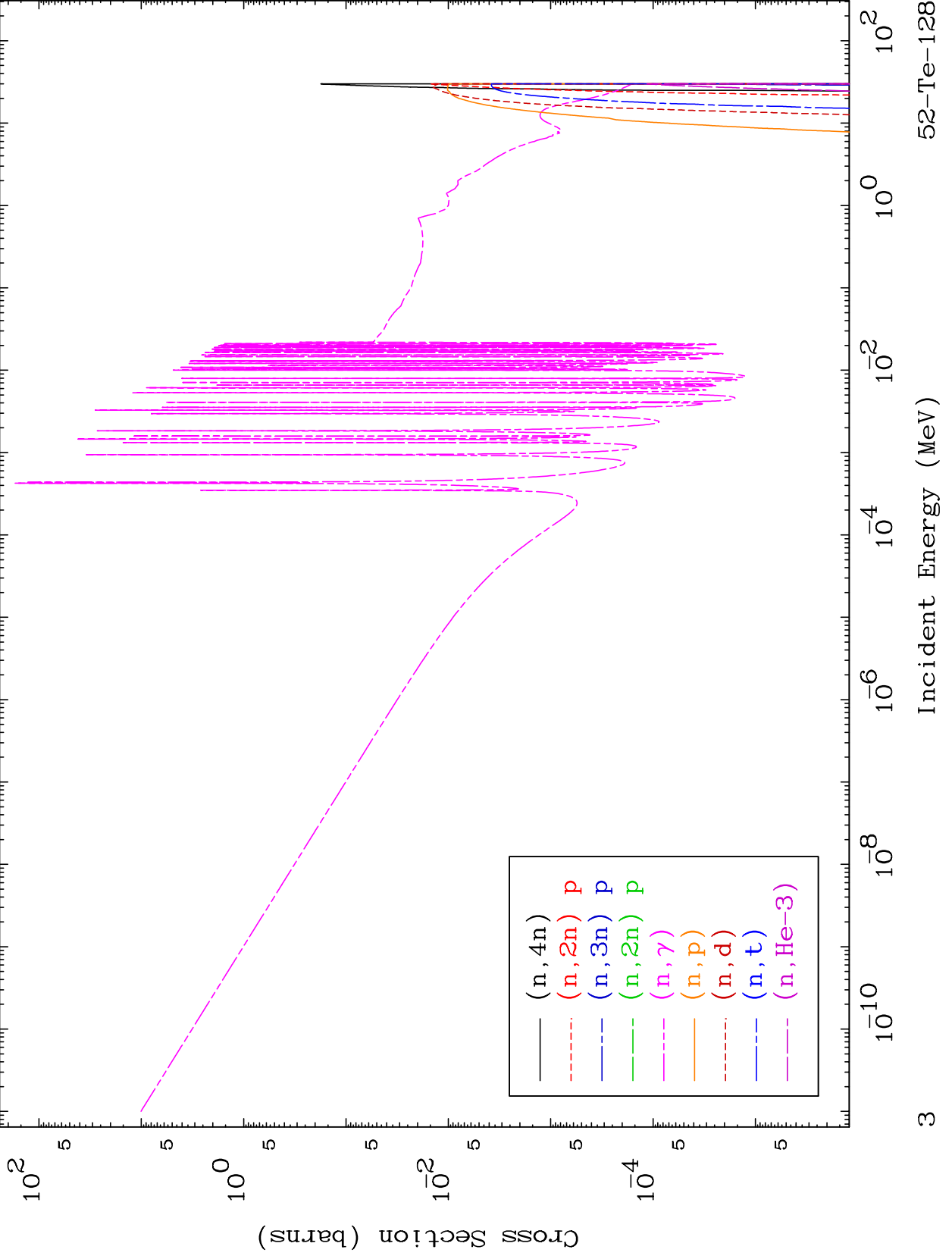


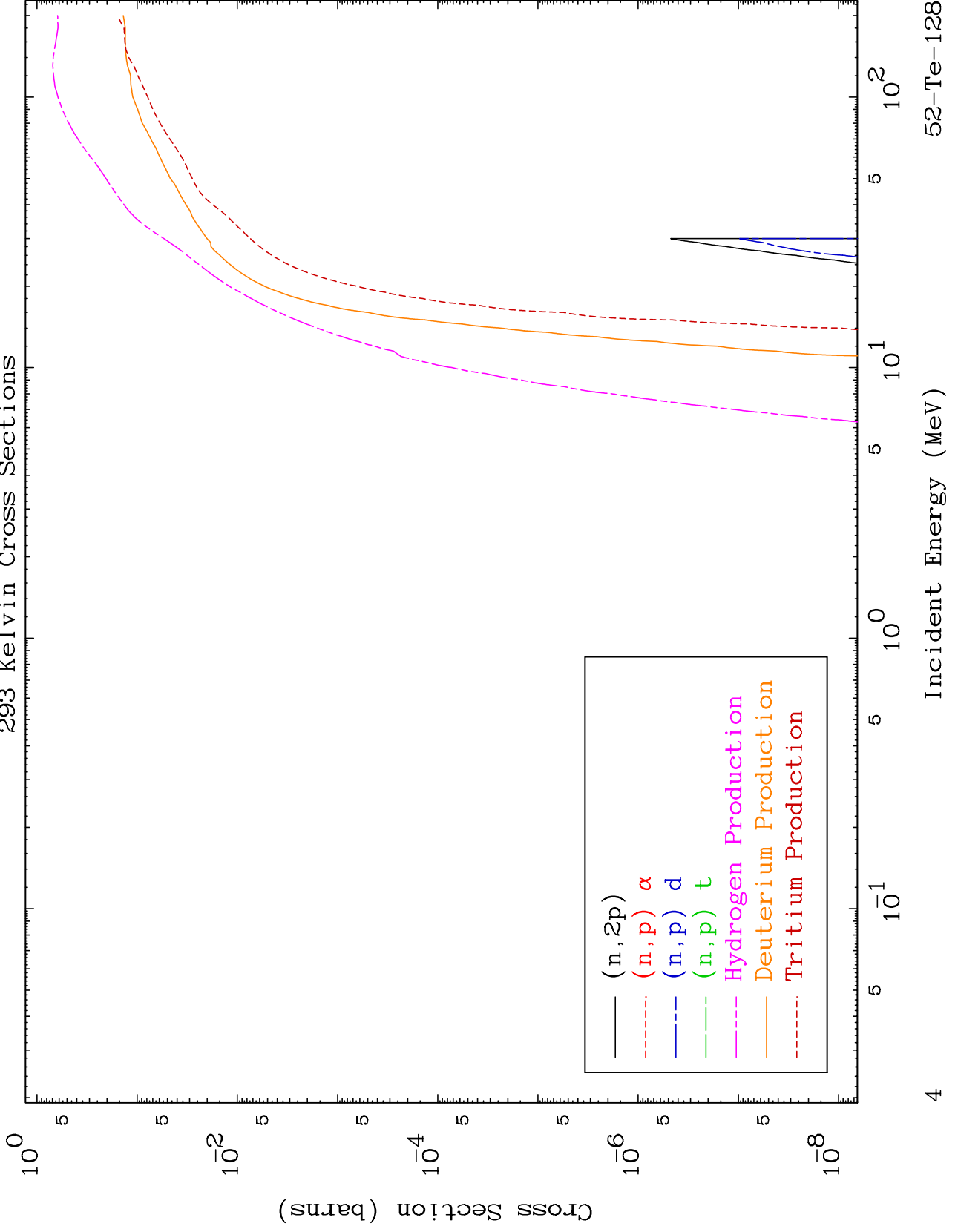


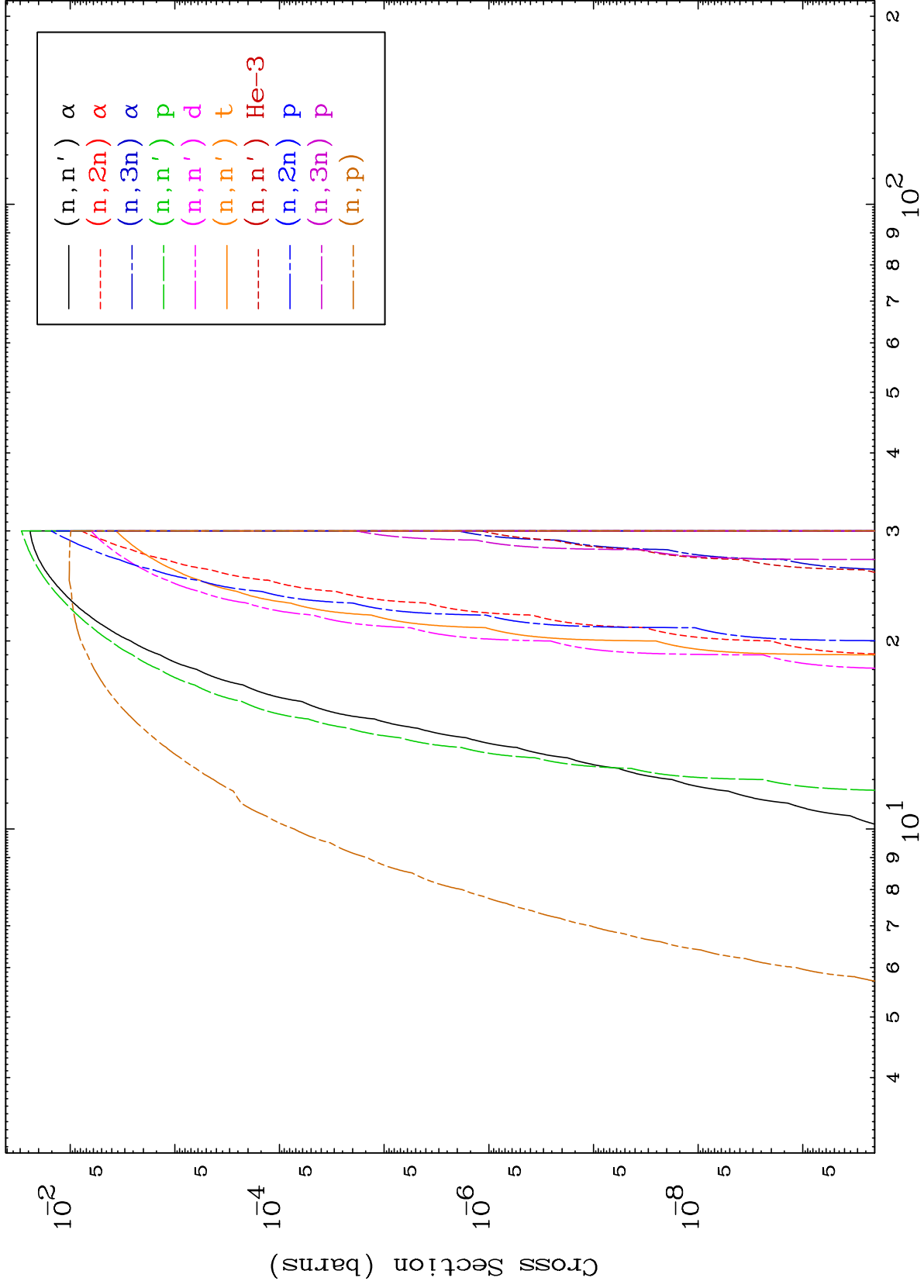
MAT 5249

Neutron Absorption  
293 Kelvin Cross Sections

52-Te-128



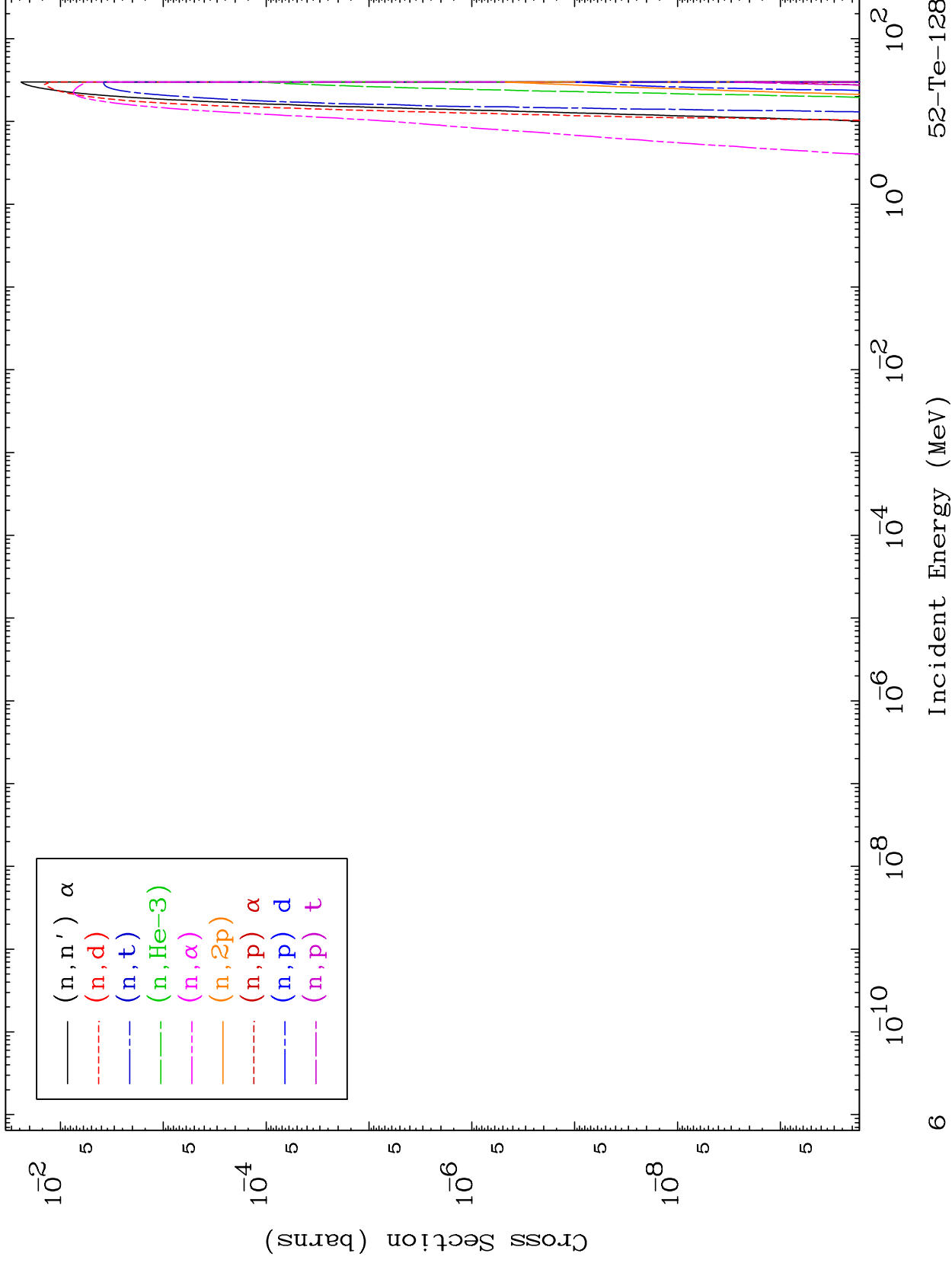




MAT 5249

Charged Particle  
293 Kelvin Cross Sections

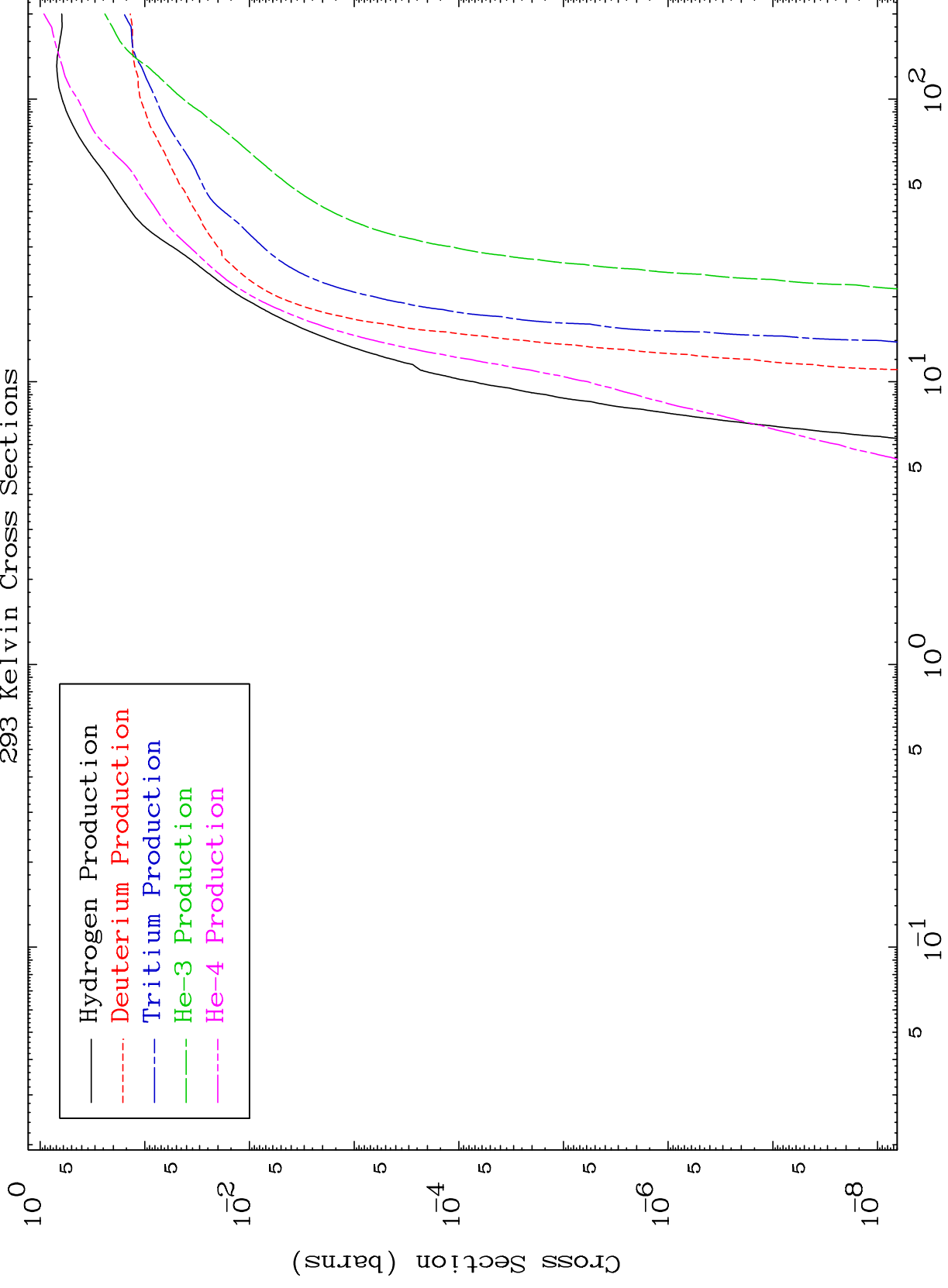
52-Te-128



MAT 5249

Particle Production  
293 Kelvin Cross Sections

52-Te-128

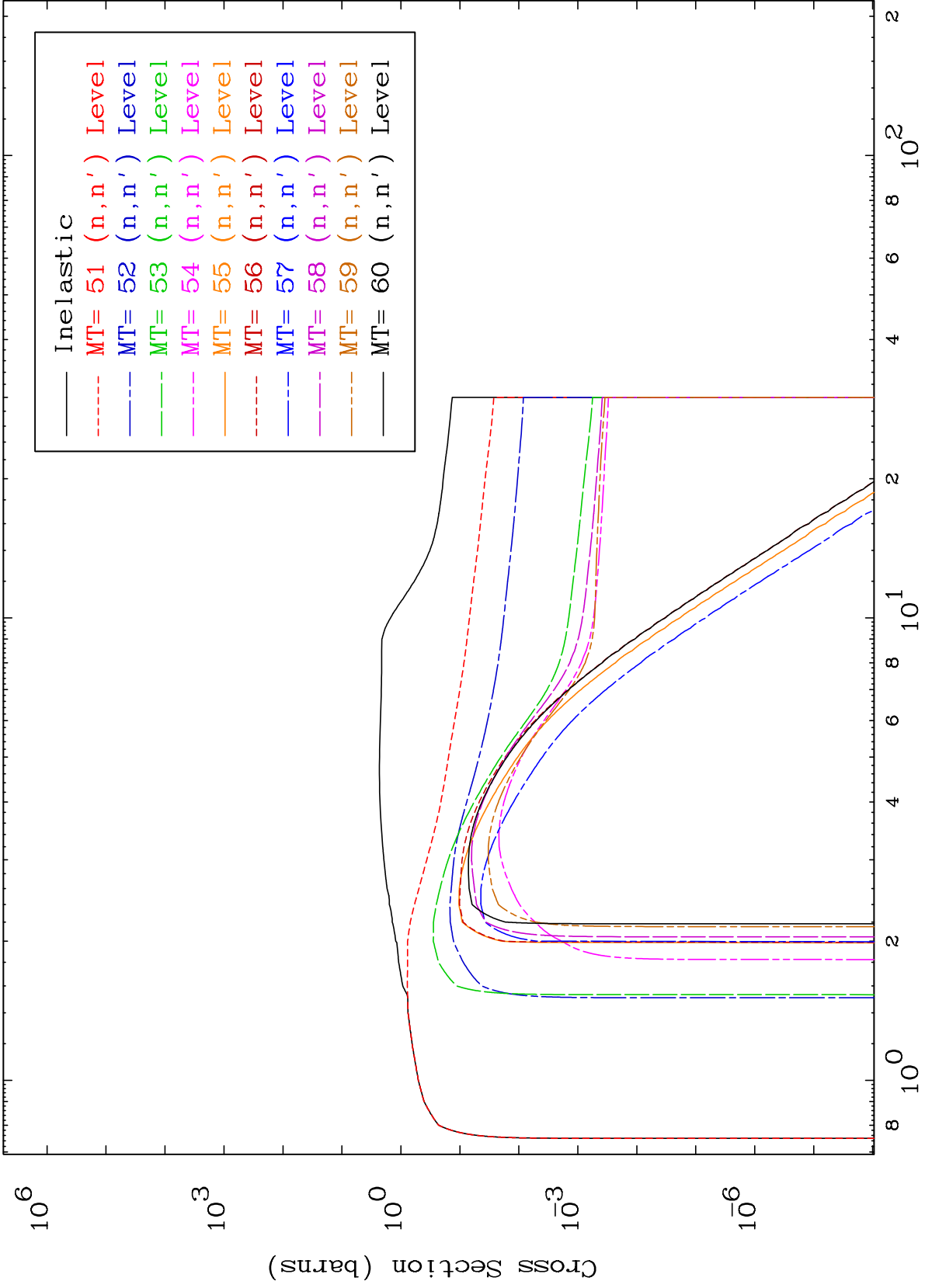


MAT 5249

(n,n') Levels

52-Te-128

293 Kelvin Cross Sections



8

Incident Energy (MeV)

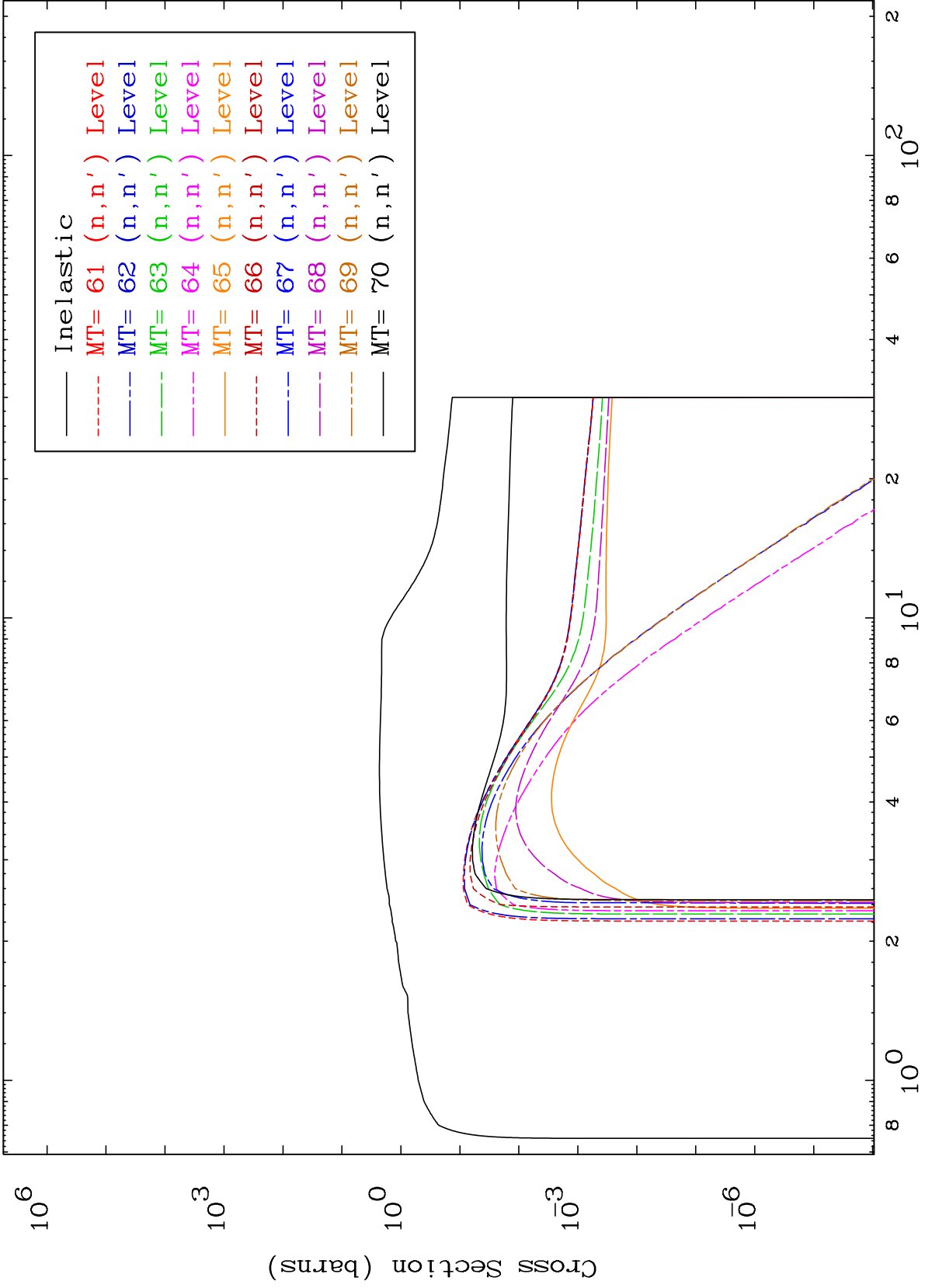
52-Te-128

MAT 5249

(n,n') Levels

52-Te-128

293 Kelvin Cross Sections



9

Incident Energy (MeV)

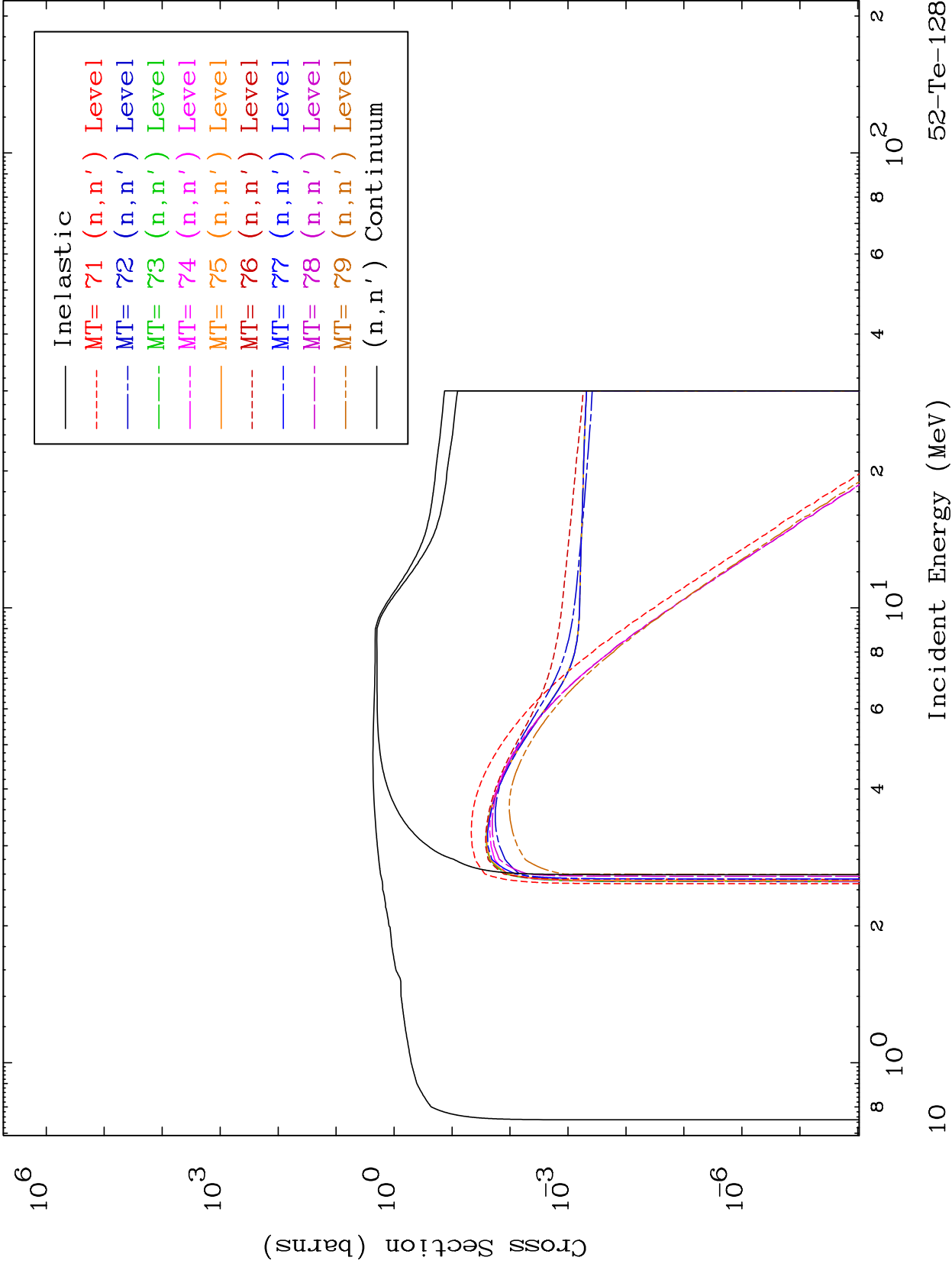
52-Te-128

MAT 5249

(n,n') Levels

52-Te-128

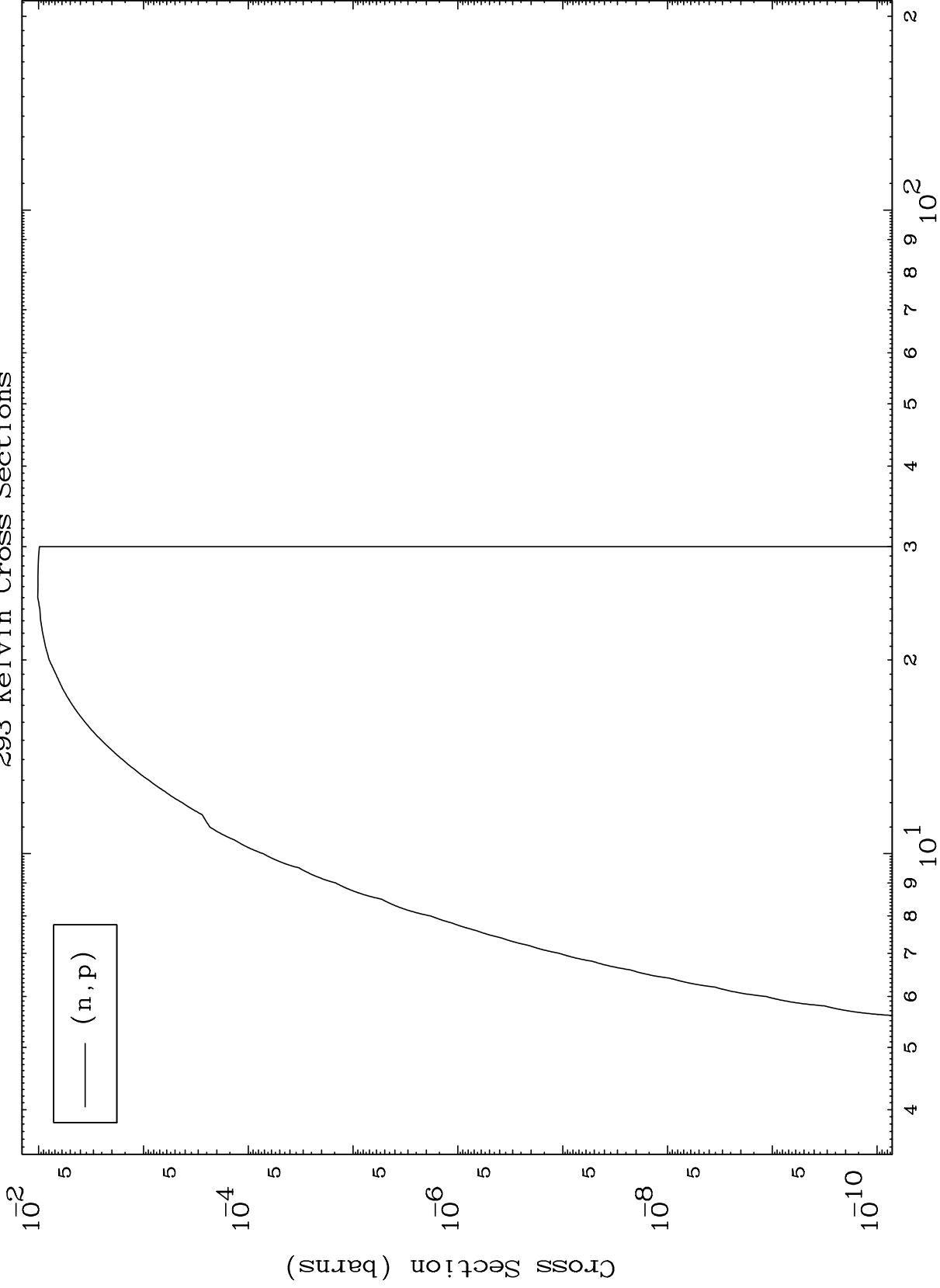
293 Kelvin Cross Sections



MAT 5249

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-128



11

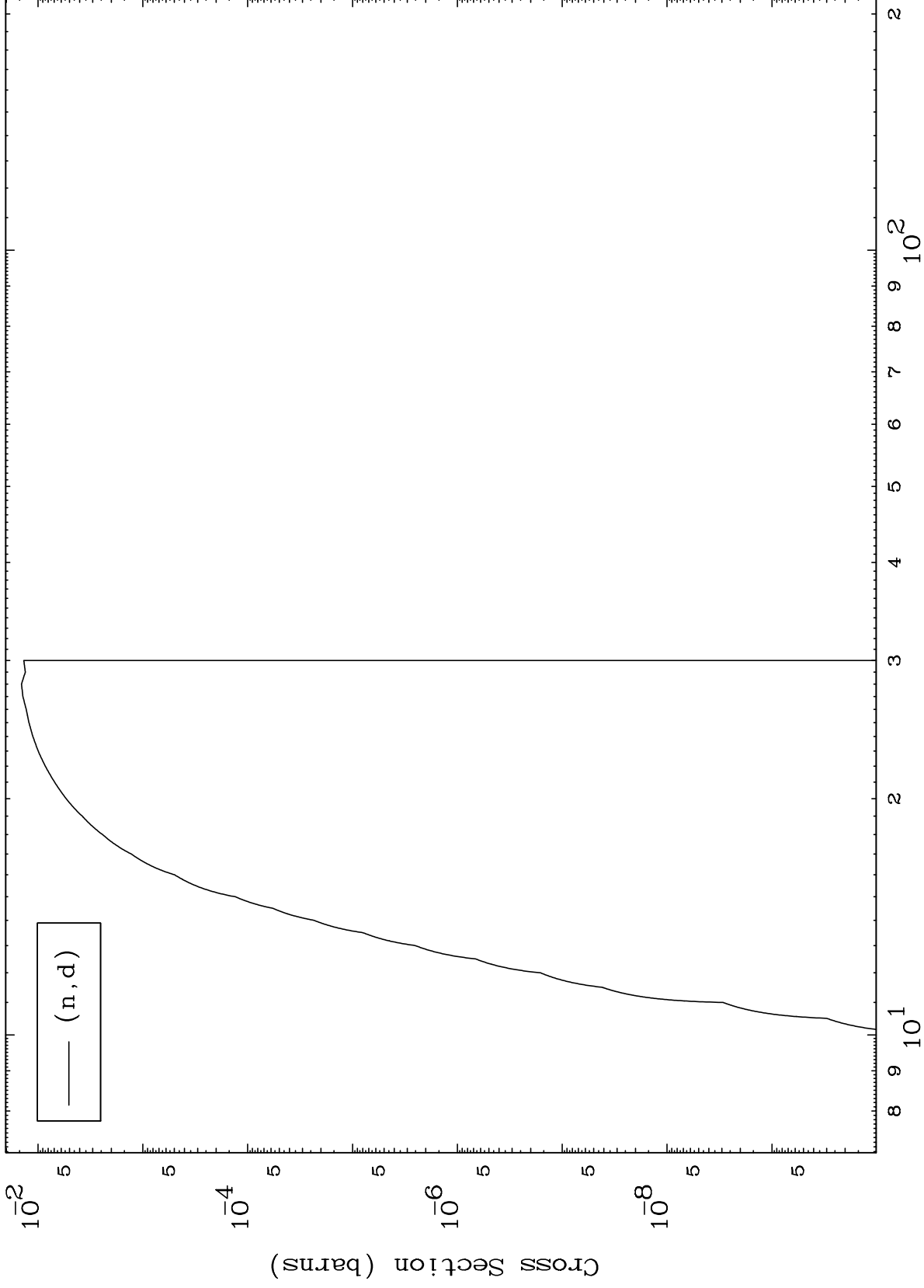
Incident Energy (MeV)

52-Te-128

MAT 5249

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-128



12

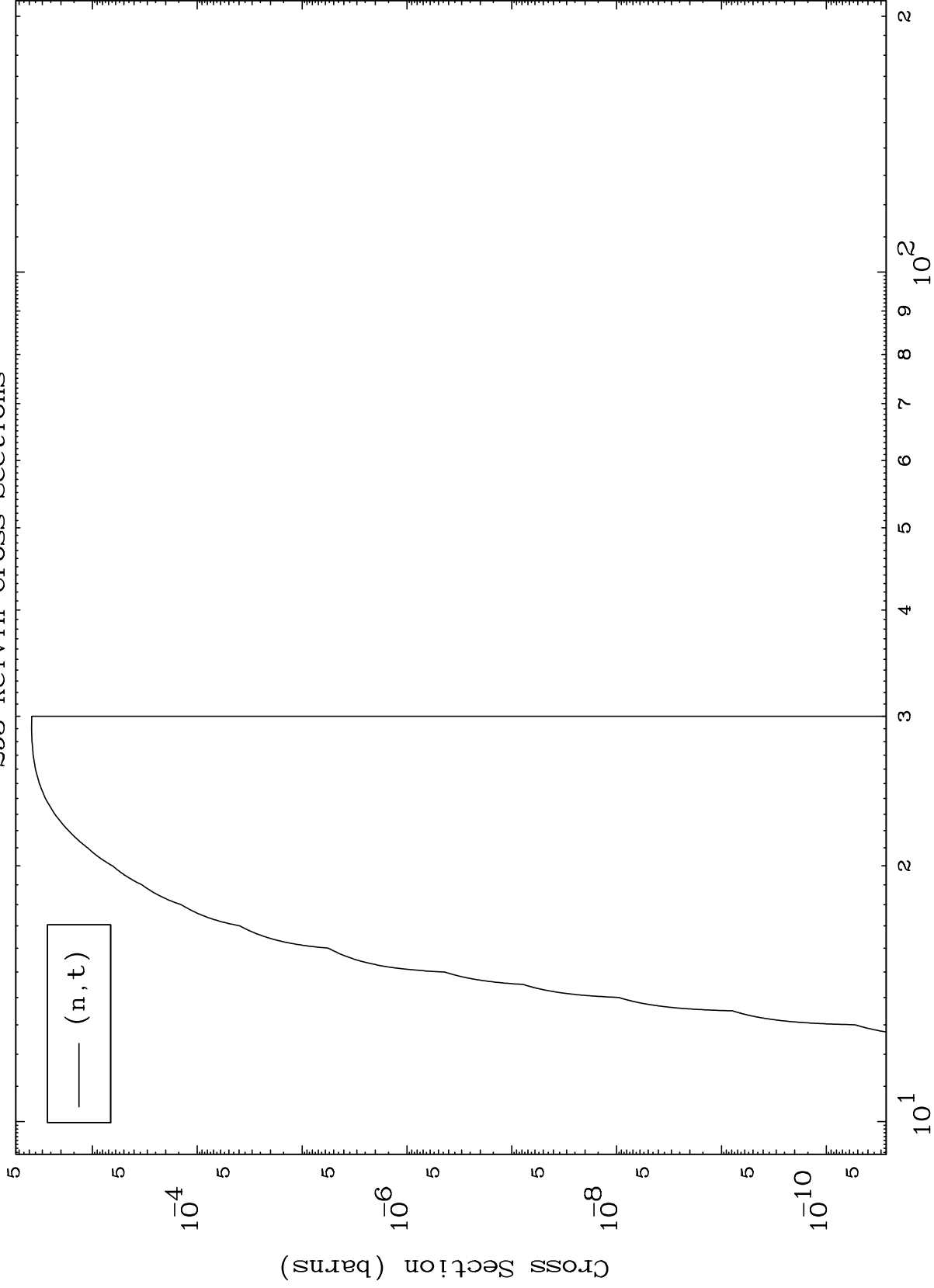
Incident Energy (MeV)

52-Te-128

MAT 5249

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-128



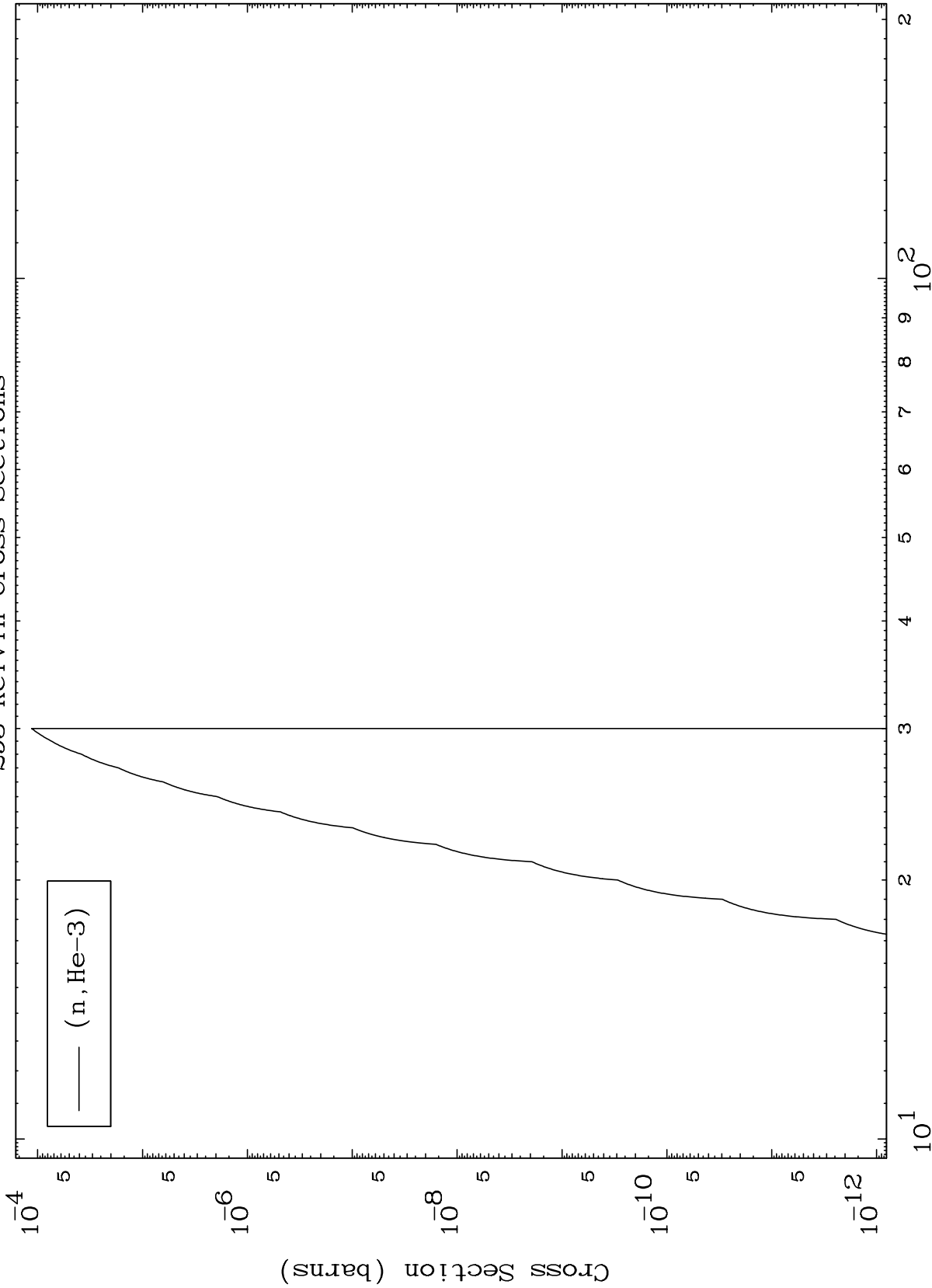
Incident Energy (MeV)

52-Te-128

MAT 5249

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-128



14

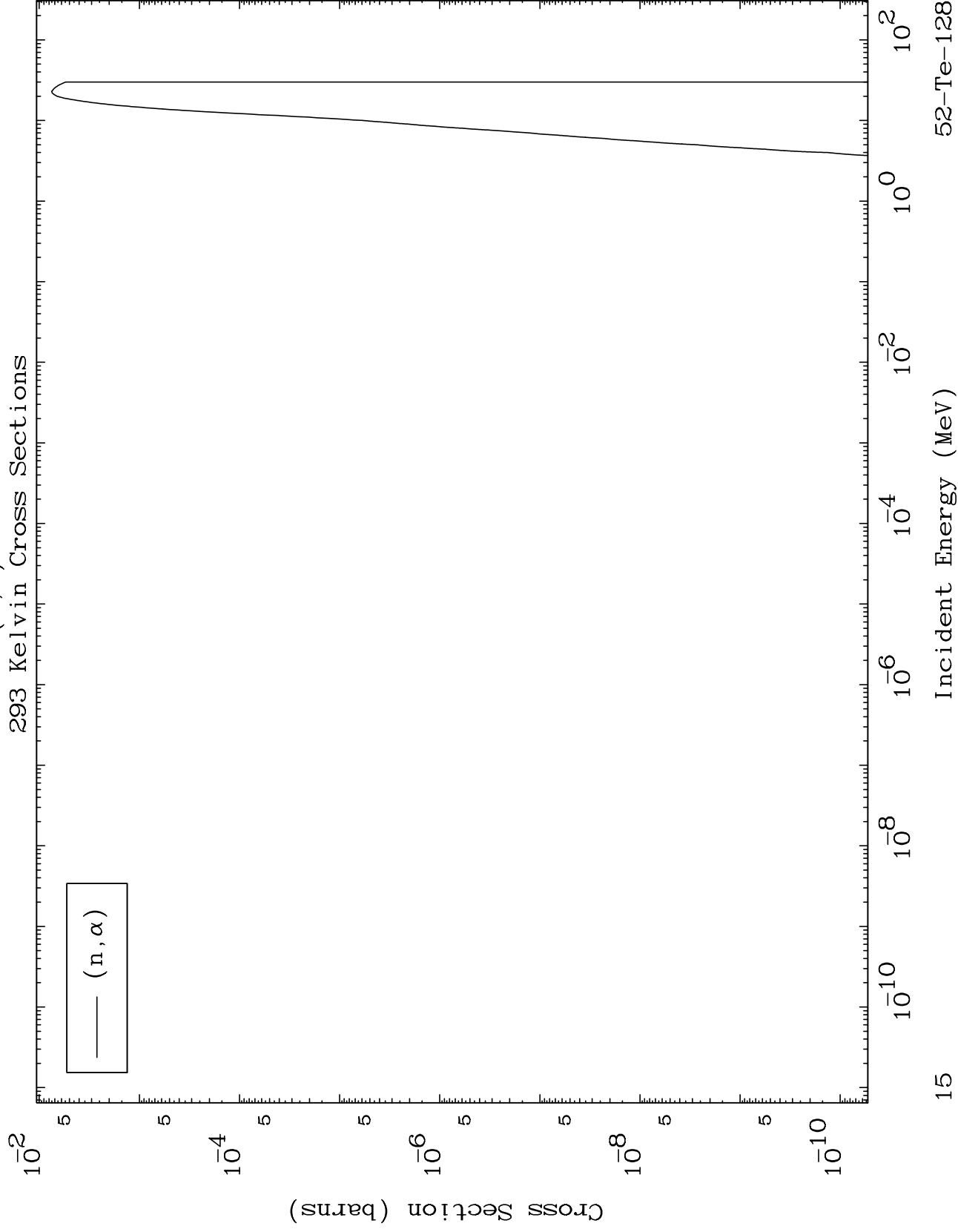
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



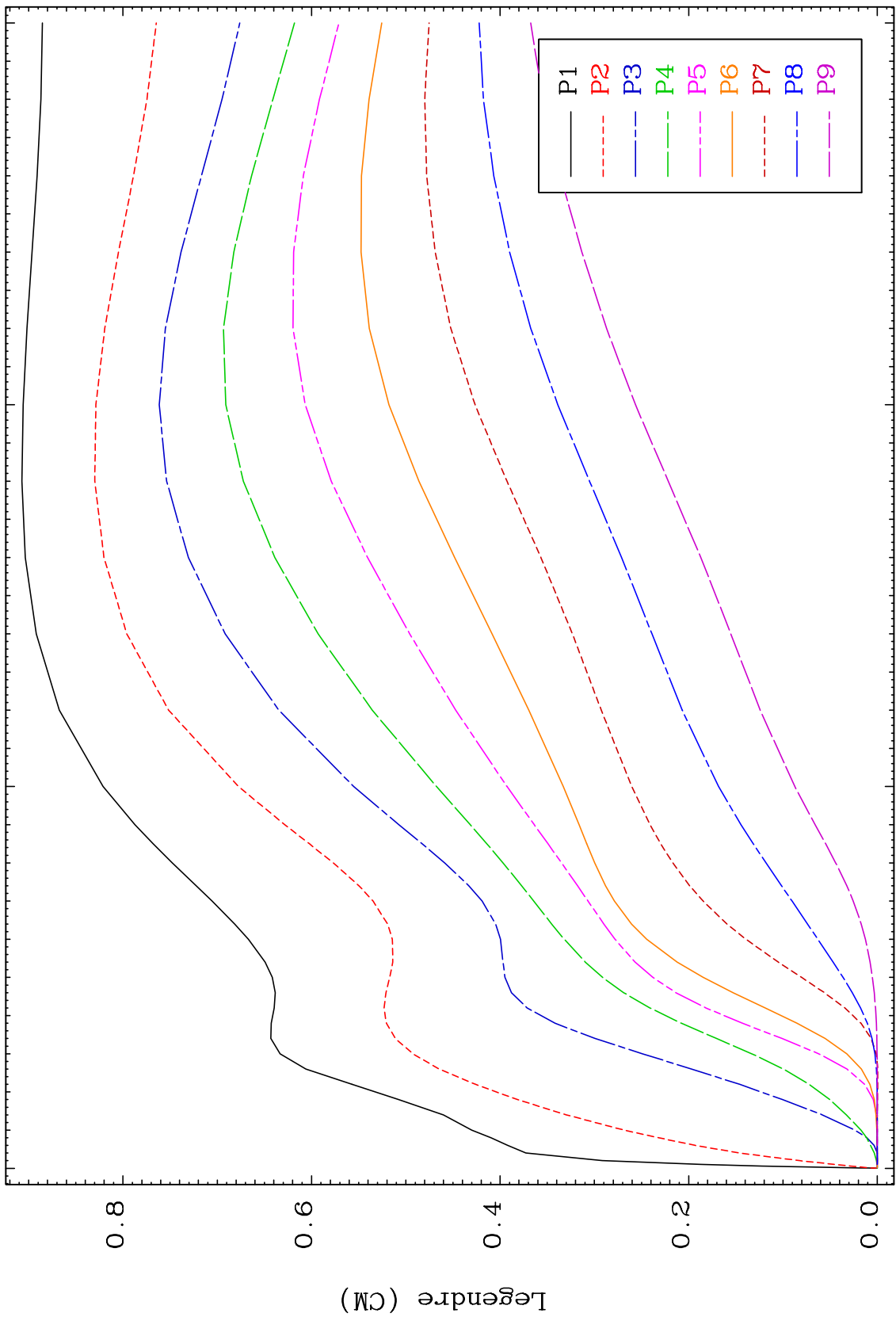
15

52-Te-128

MAT 5249

52-Te-128

Elastic Legendre Coefficients



16

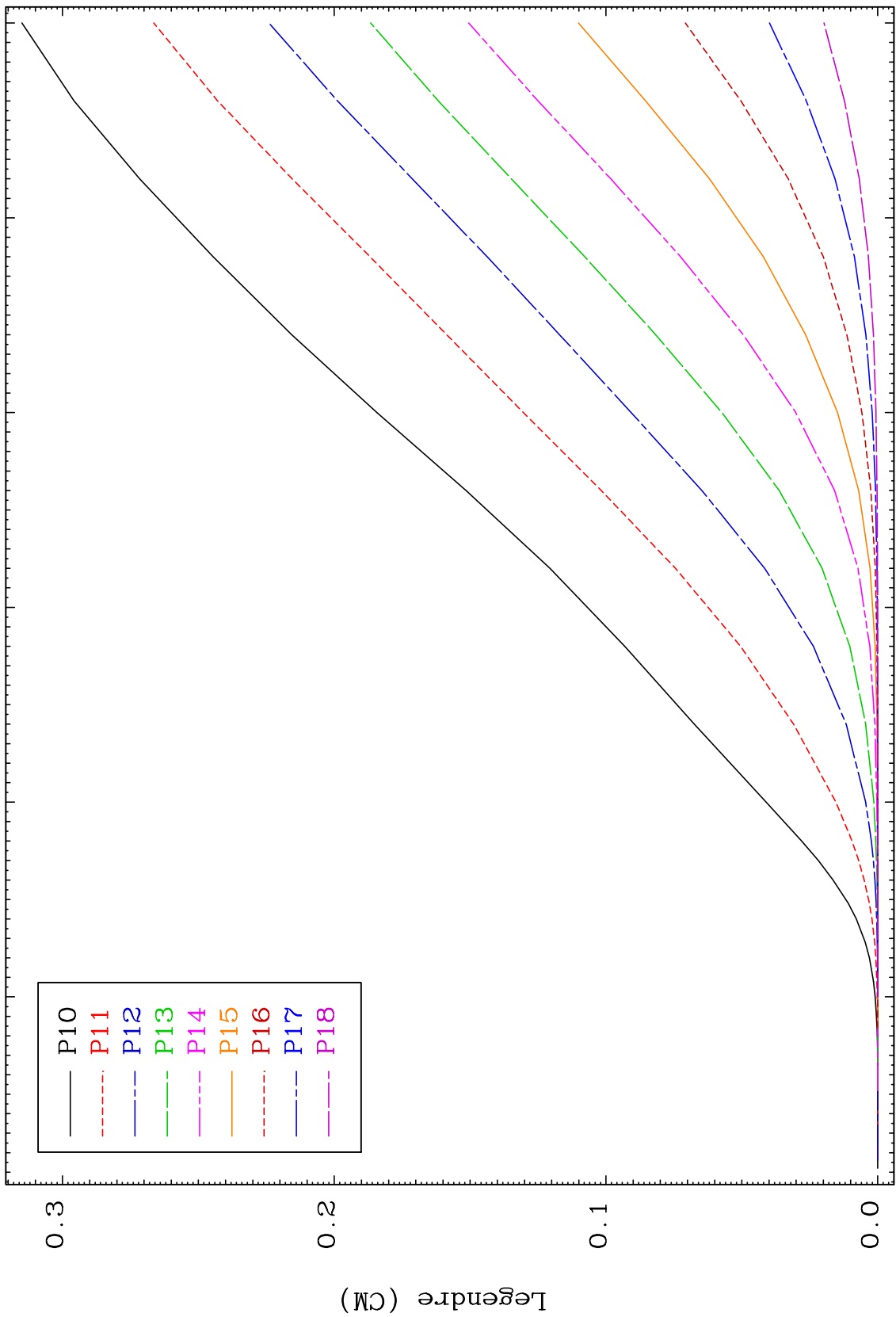
Incident Energy (MeV)

52-Te-128

MAT 5249

Elastic Legendre Coefficients

52-Te-128



17

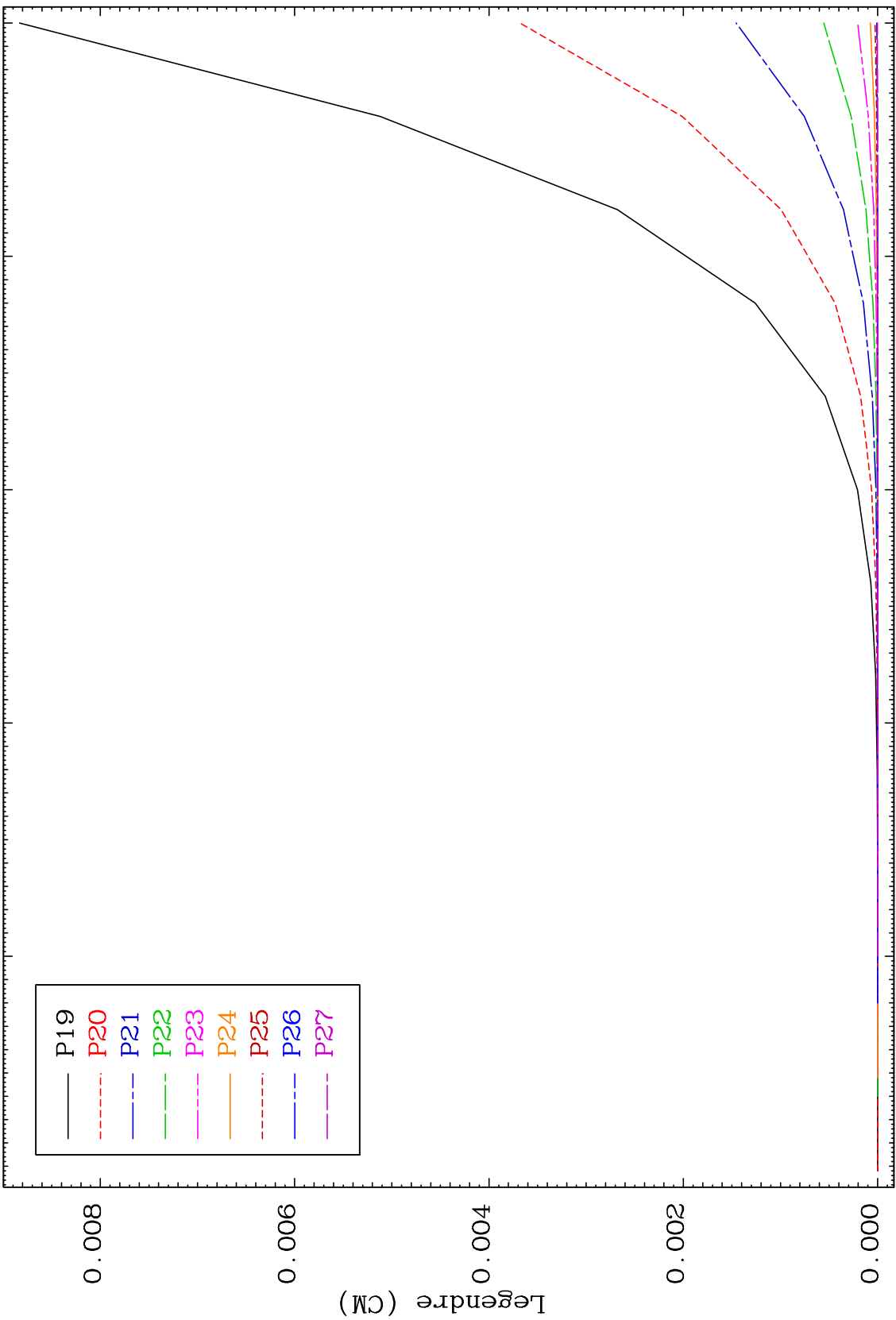
Incident Energy (MeV)

52-Te-128

MAT 5249

Elastic Legendre Coefficients

52-Te-128



18

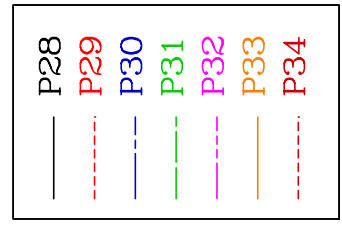
Incident Energy (MeV)

52-Te-128

MAT 5249

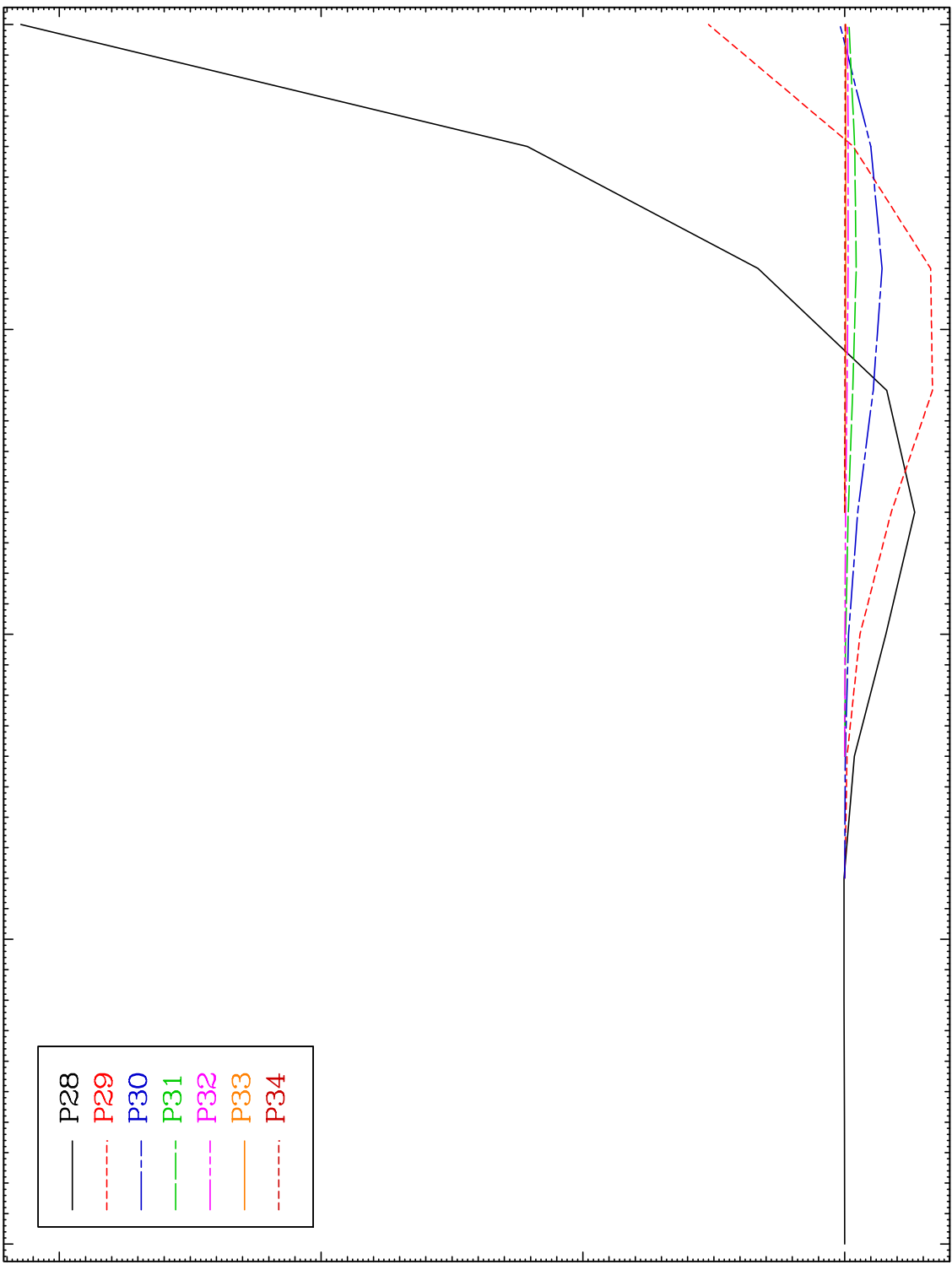
Elastic Legendre Coefficients

52-Te-128



$\times 10^{-76}$

Legendre (CM)



10

15

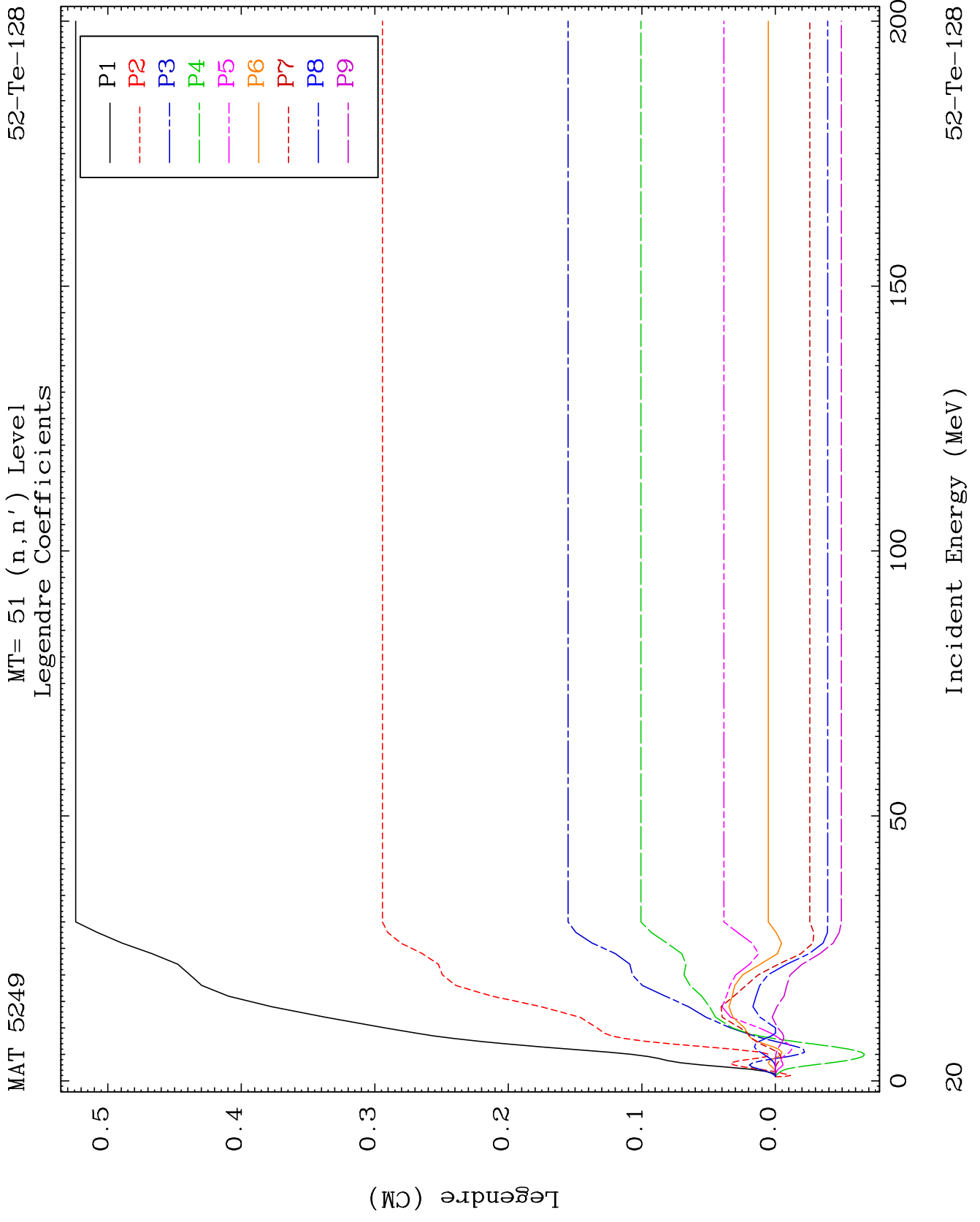
20

25

30

Incident Energy (MeV)

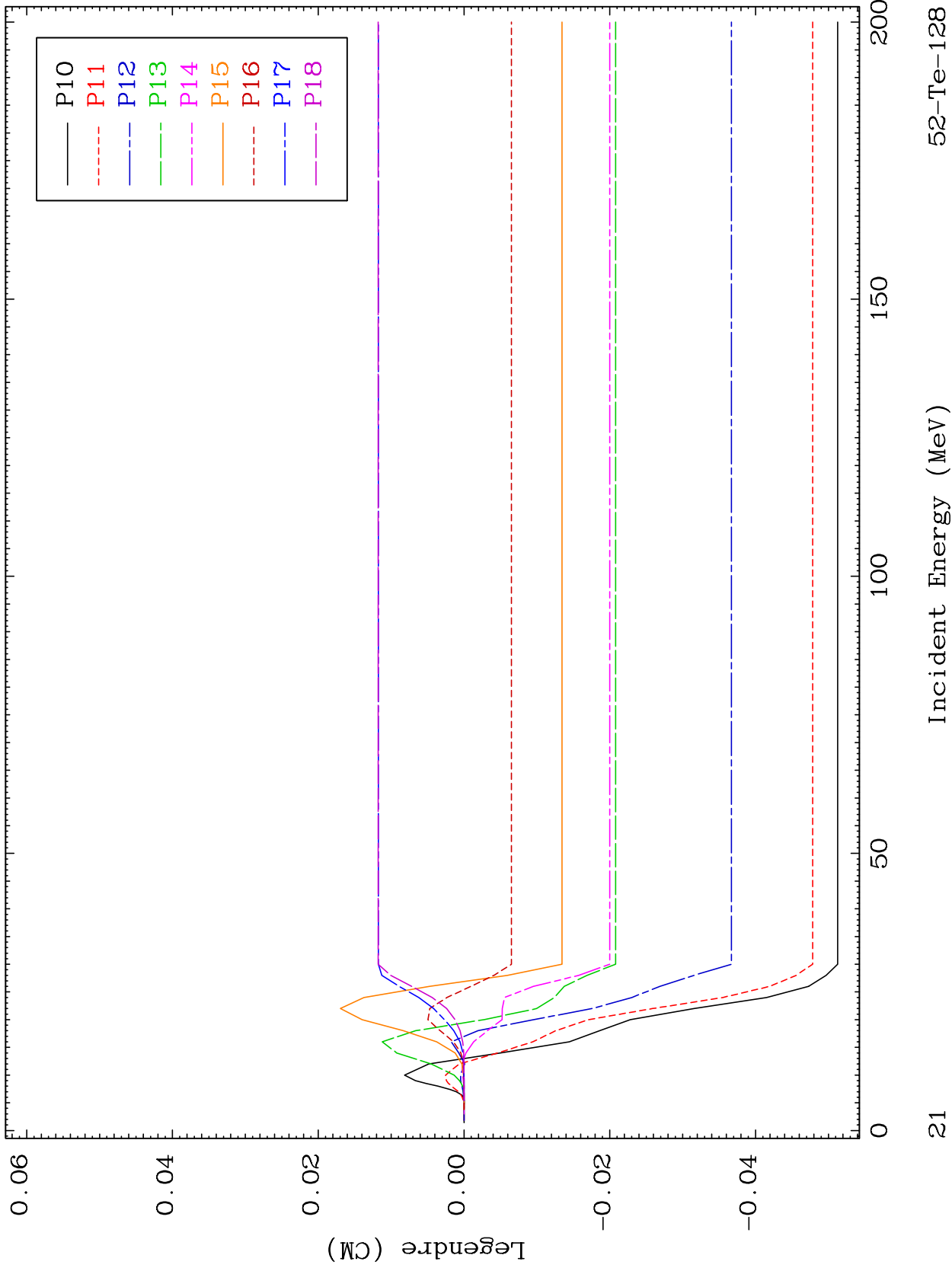
52-Te-128



MAT 5249

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

52-Te-128



21

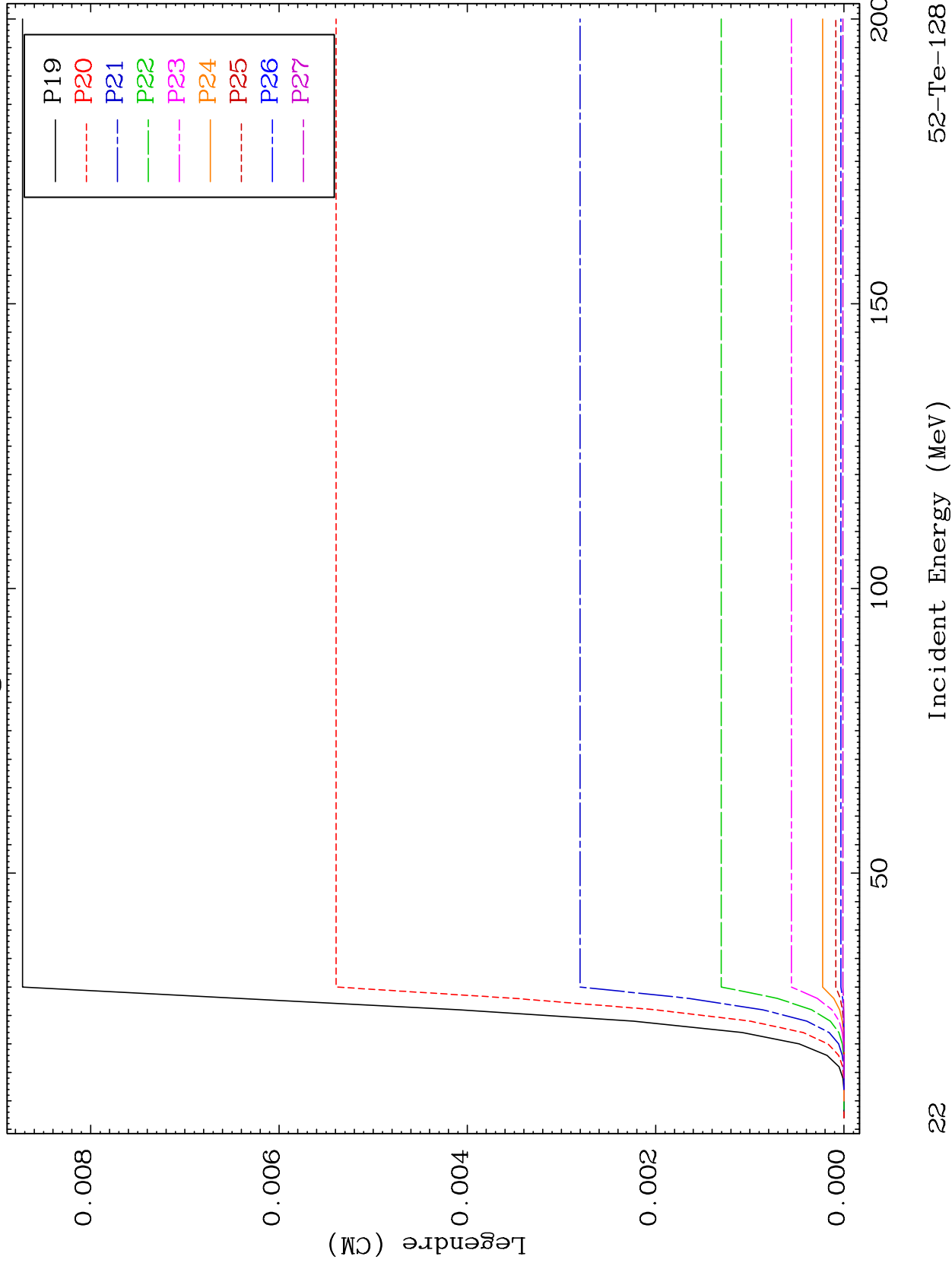
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



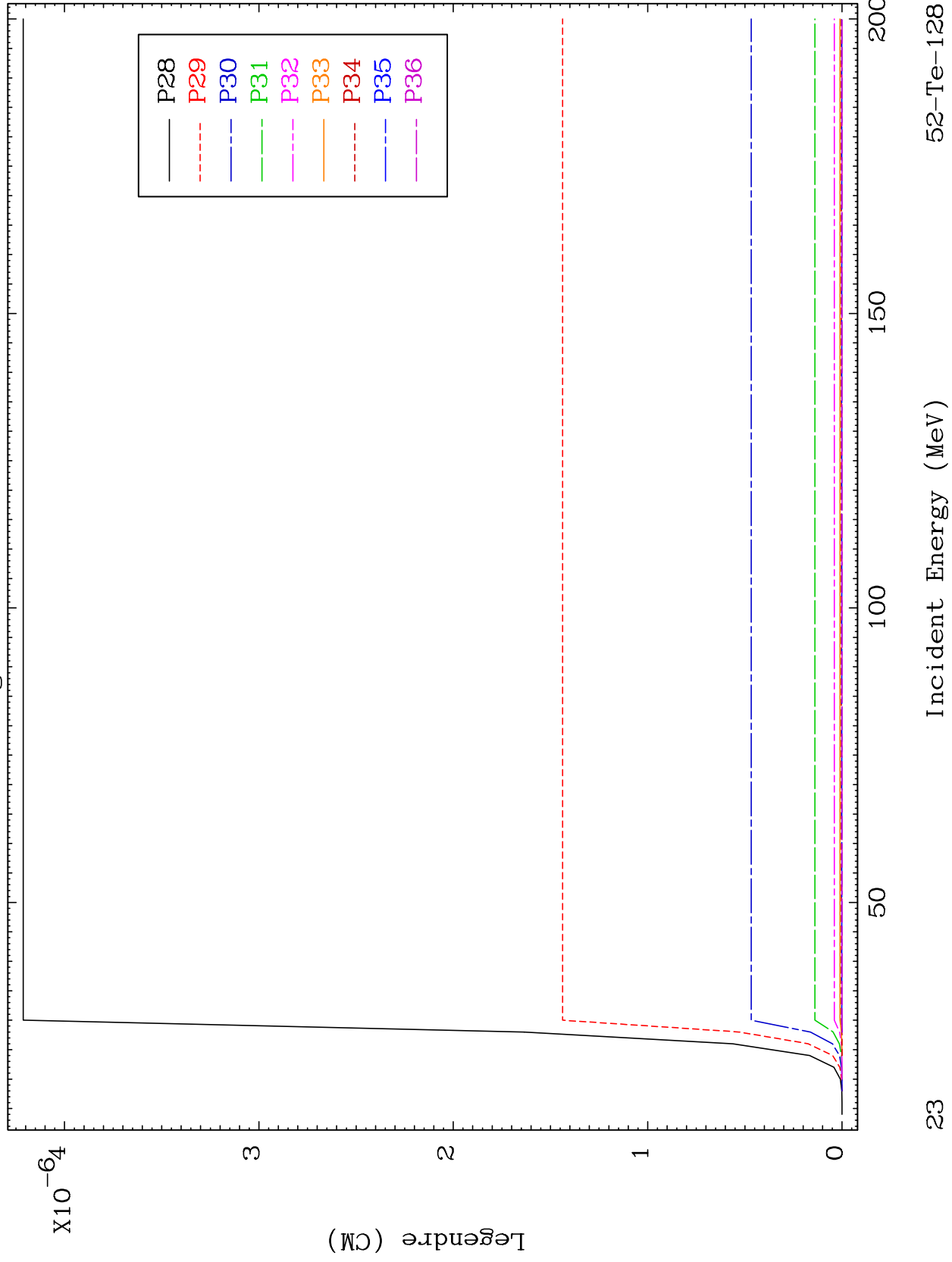
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52-Te-128

MAT 5249

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

52-Te-128



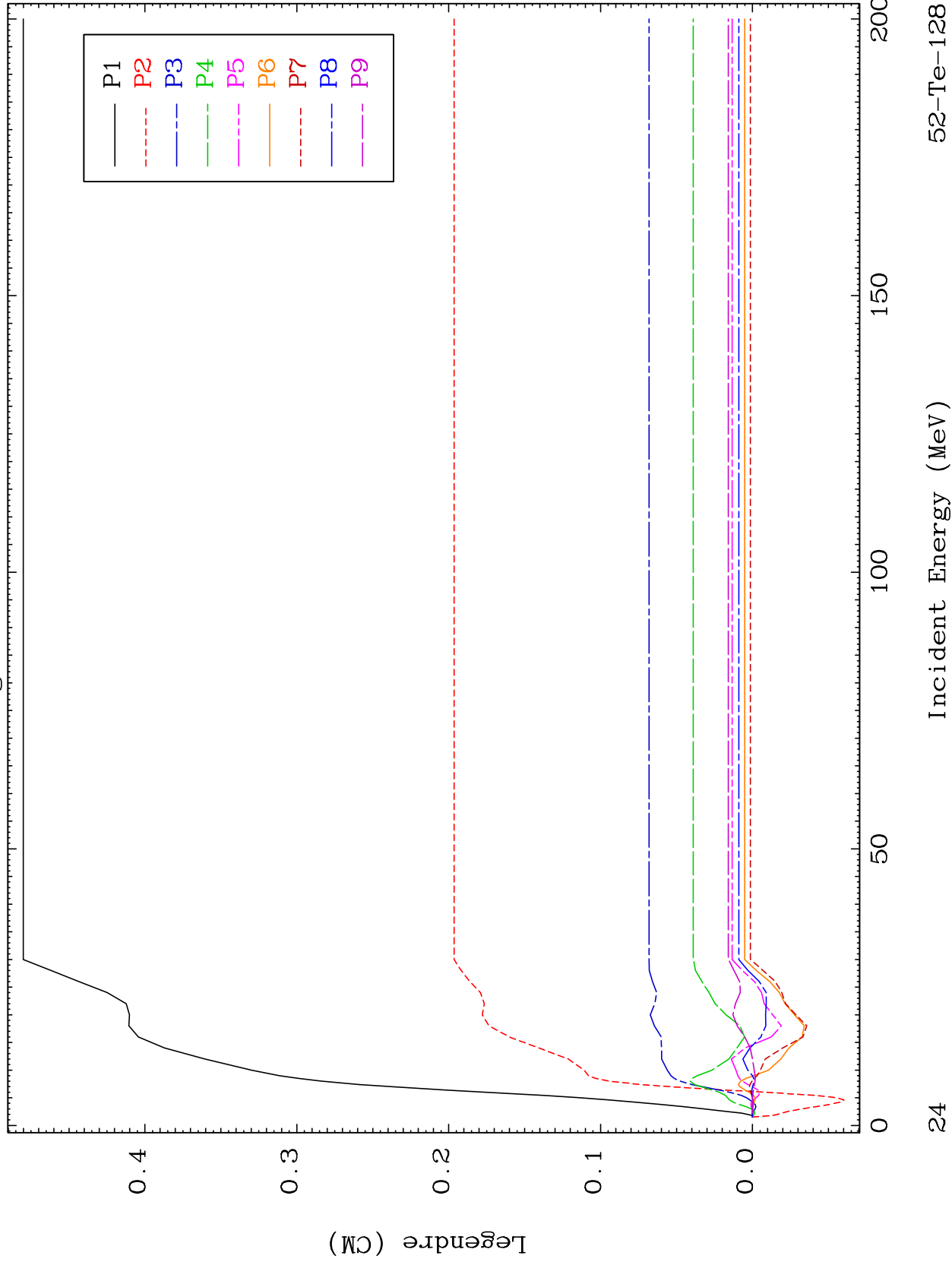
23

52-Te-128

MAT 5249

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

52-Te-128



52-Te-128

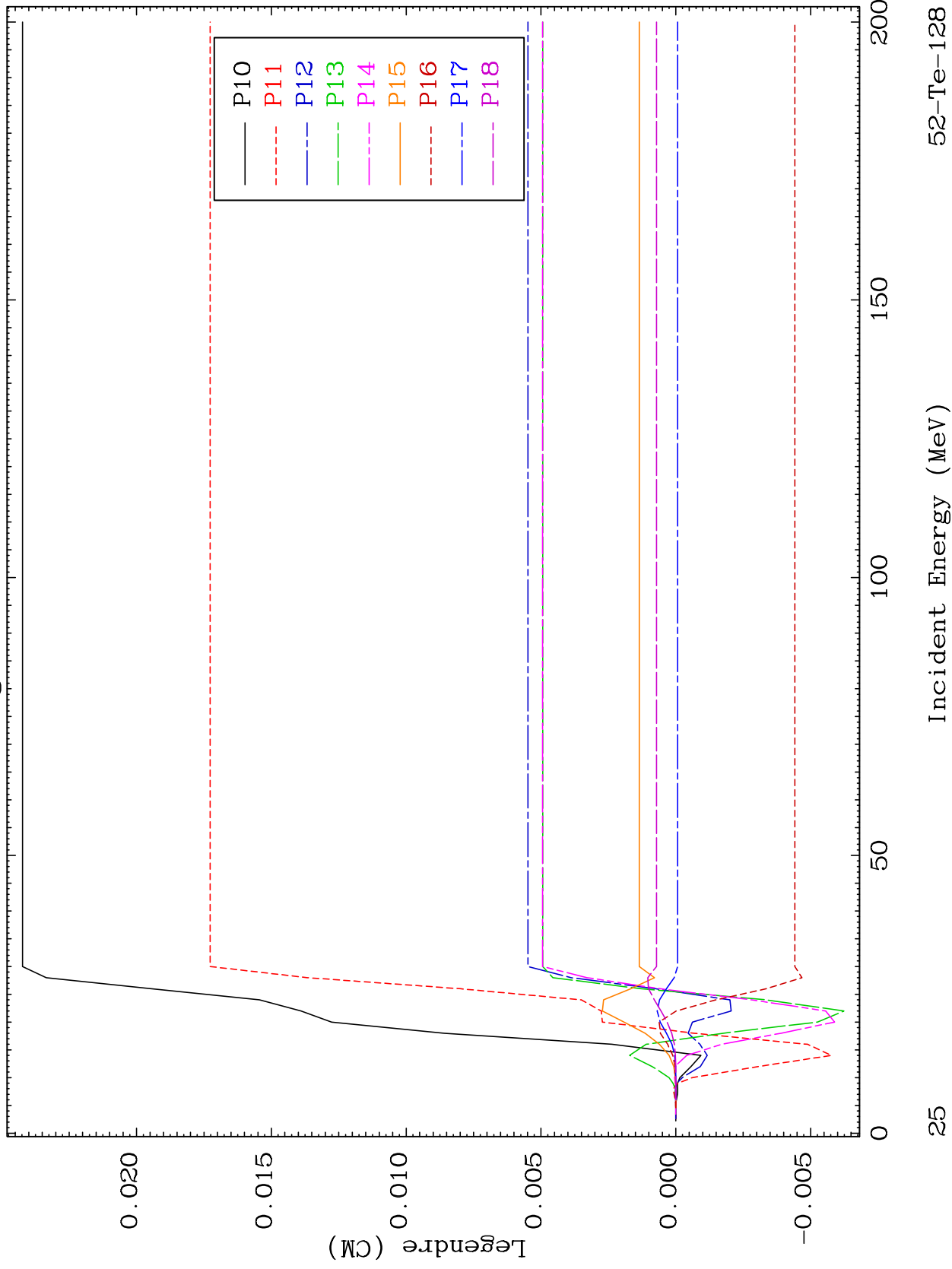
Incident Energy (MeV)

24

MAT 5249

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

52-Te-128



52-Te-128

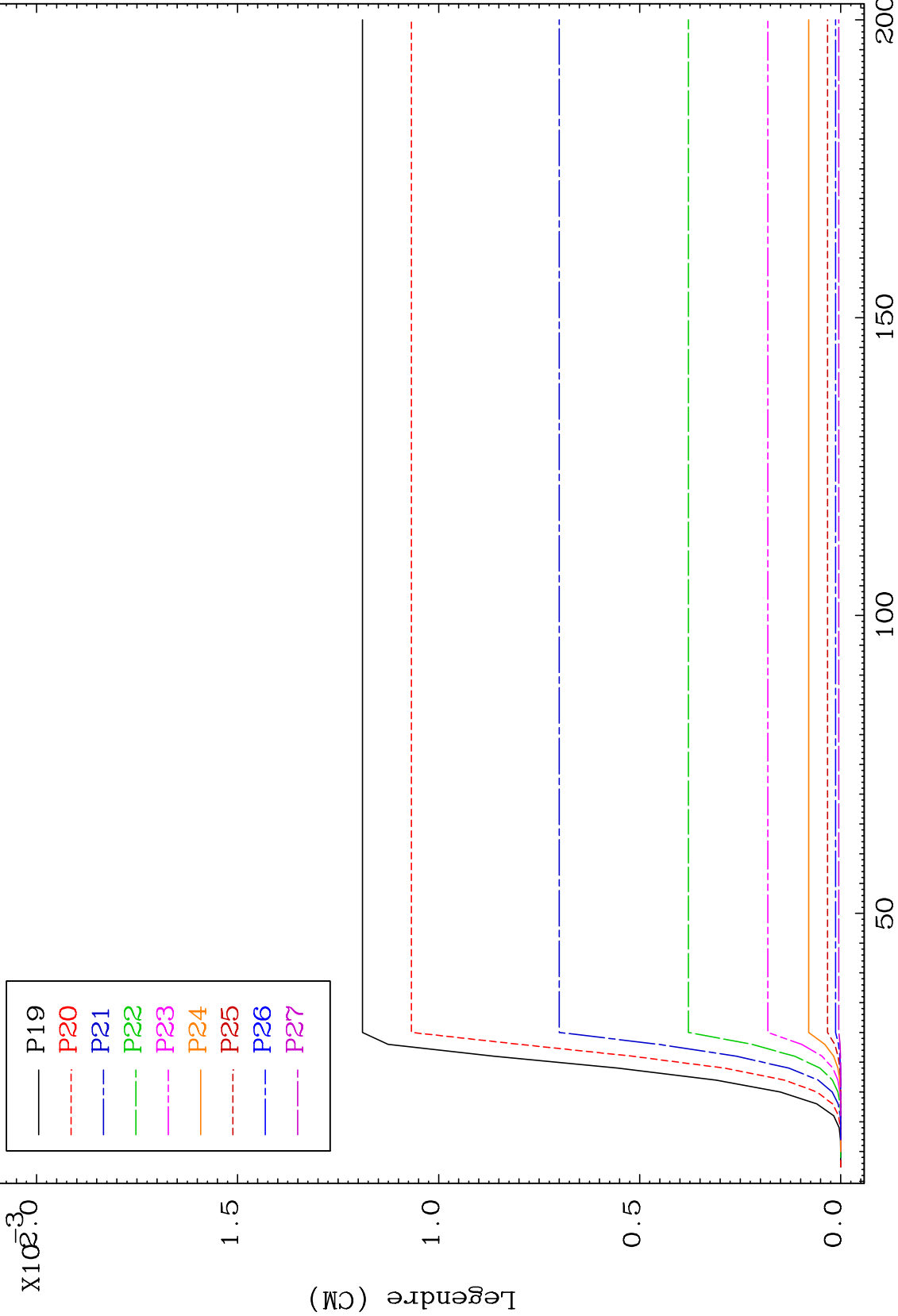
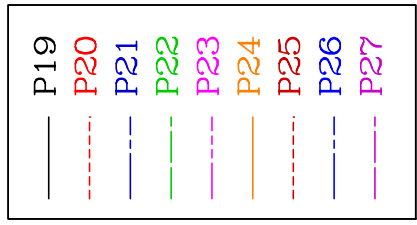
Incident Energy (MeV)

25

MAT 5249

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

52-Te-128



26

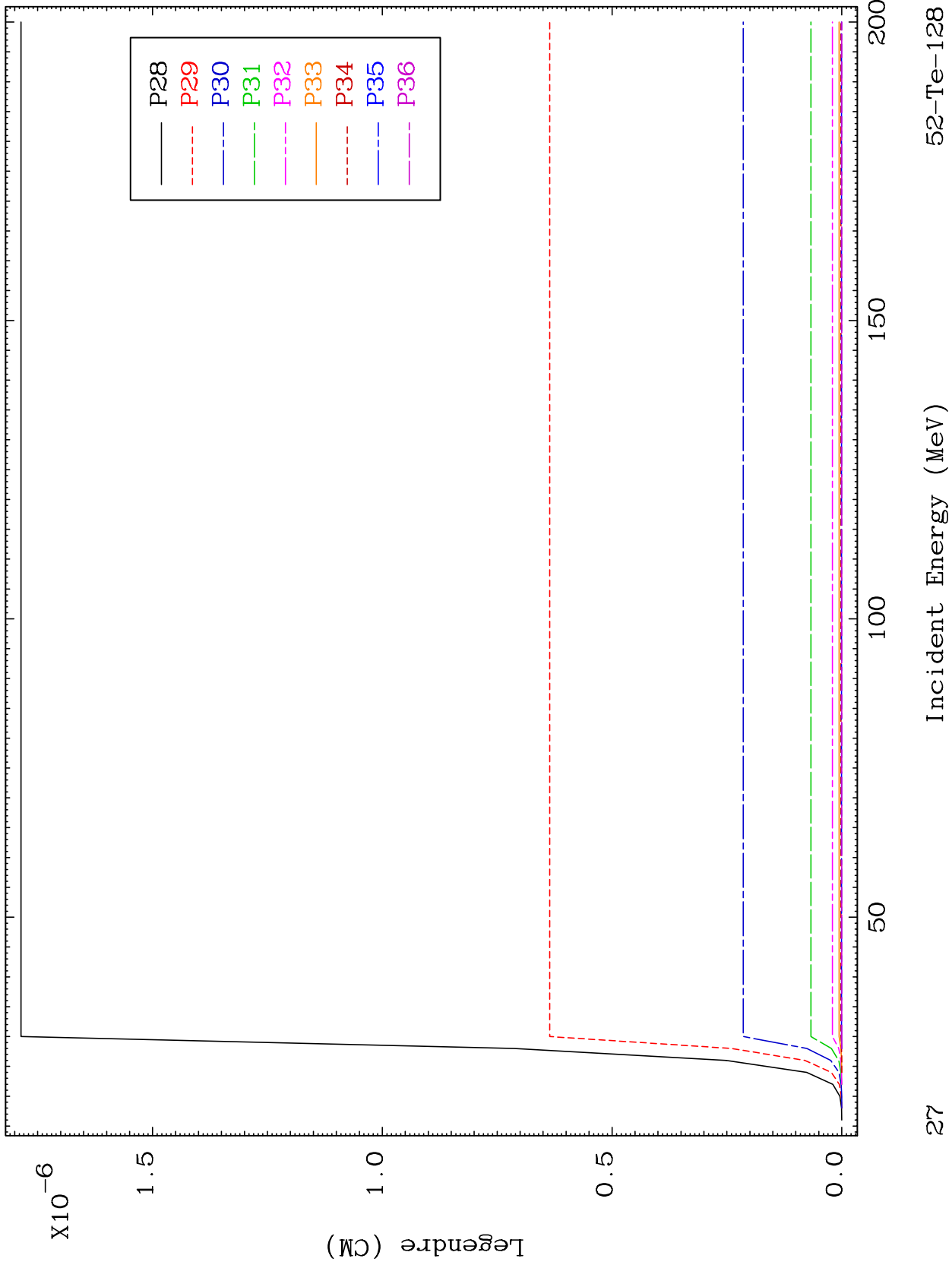
Incident Energy (MeV)

52-Te-128

MAT 5249

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

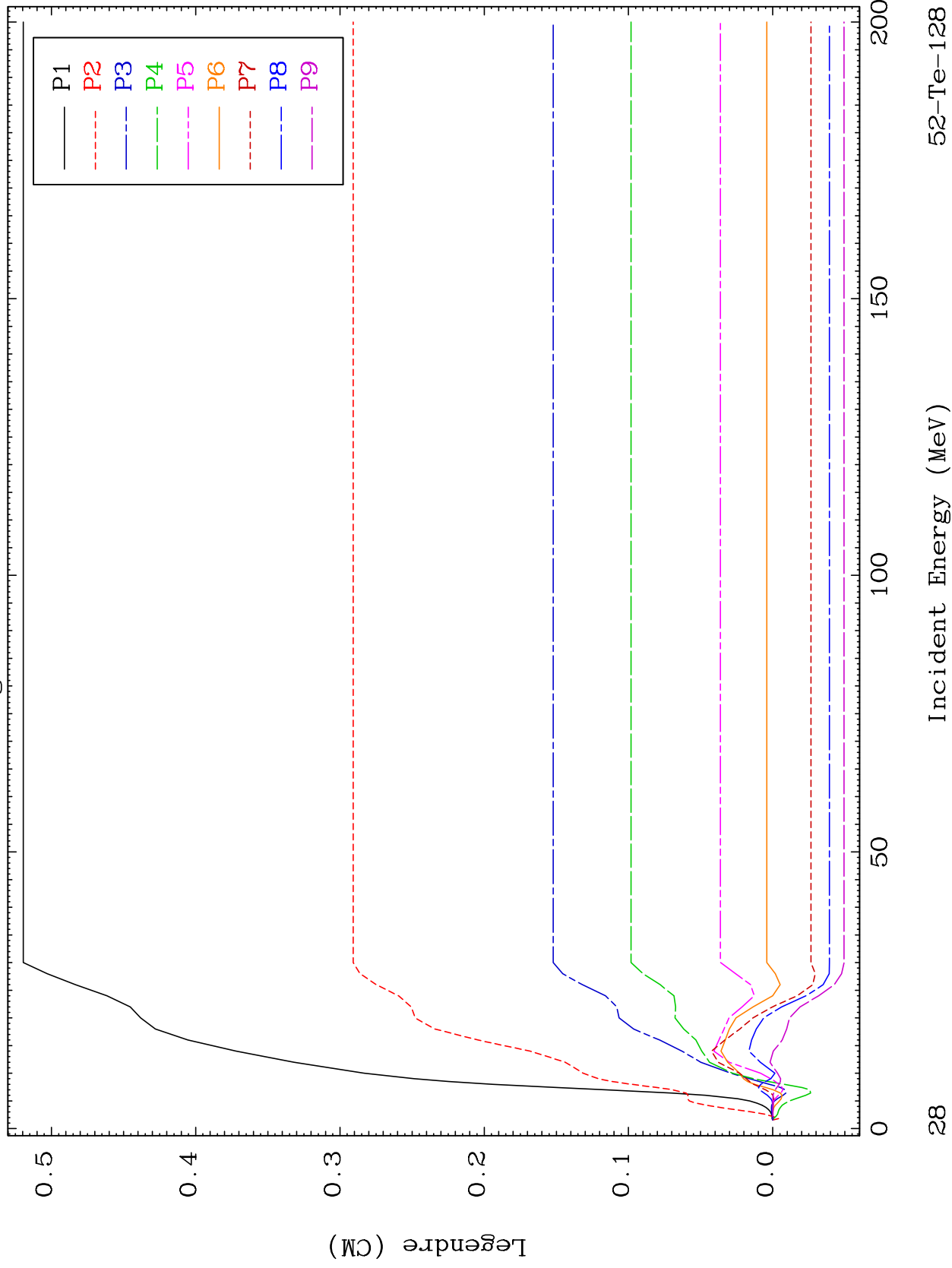
52-Te-128



MAT 5249

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

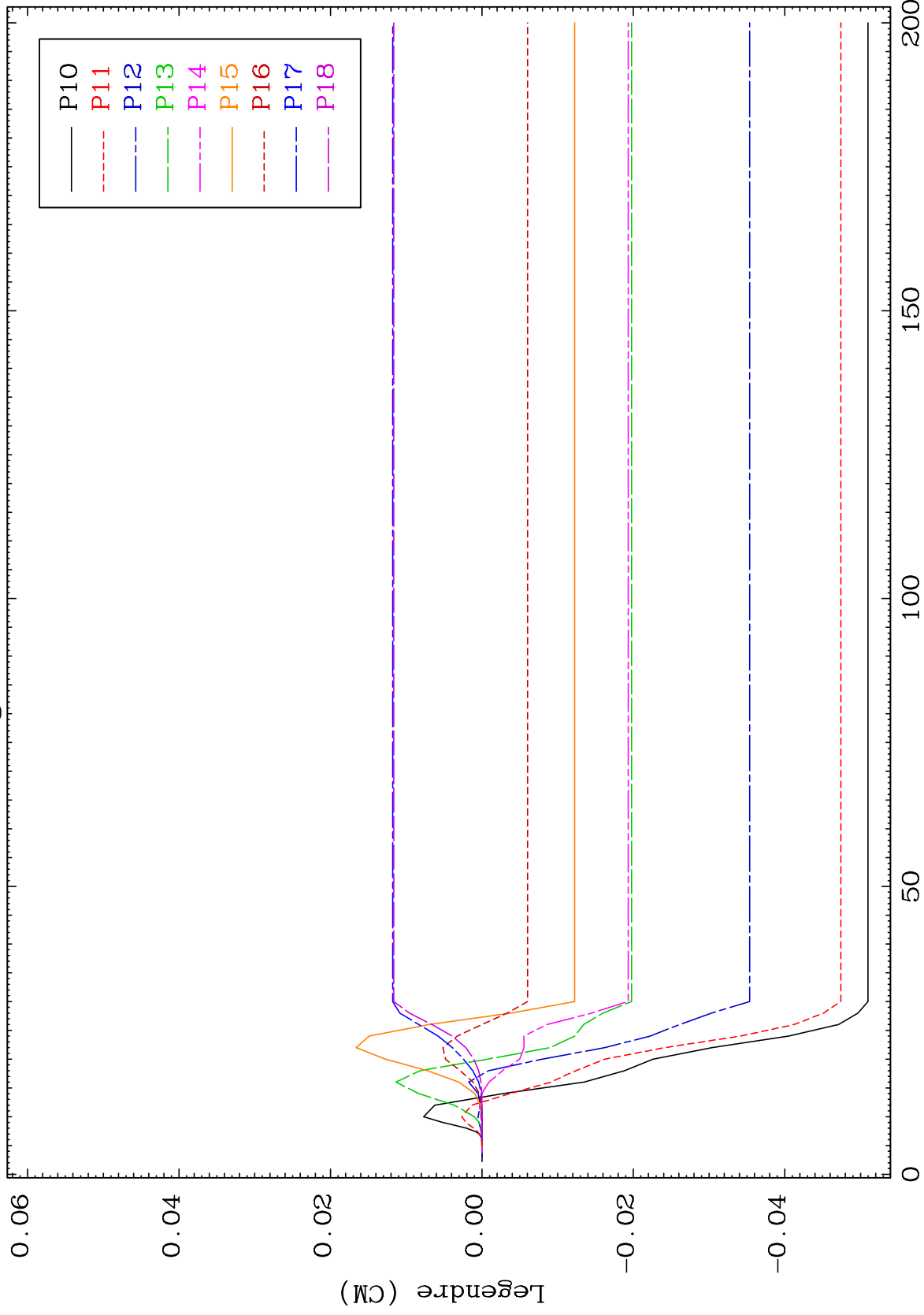
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MAT 5249

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

52-Te-128



29

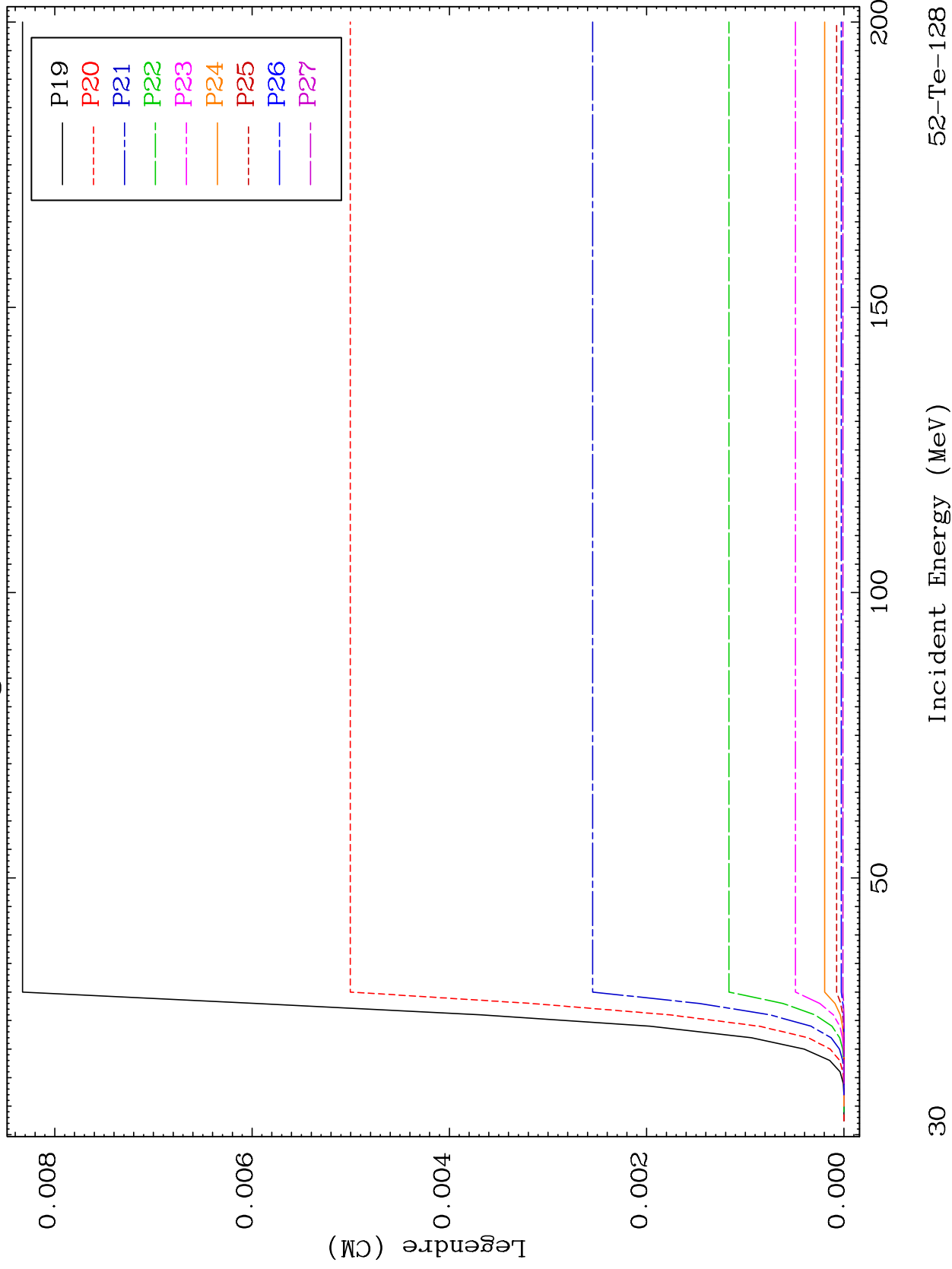
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



30

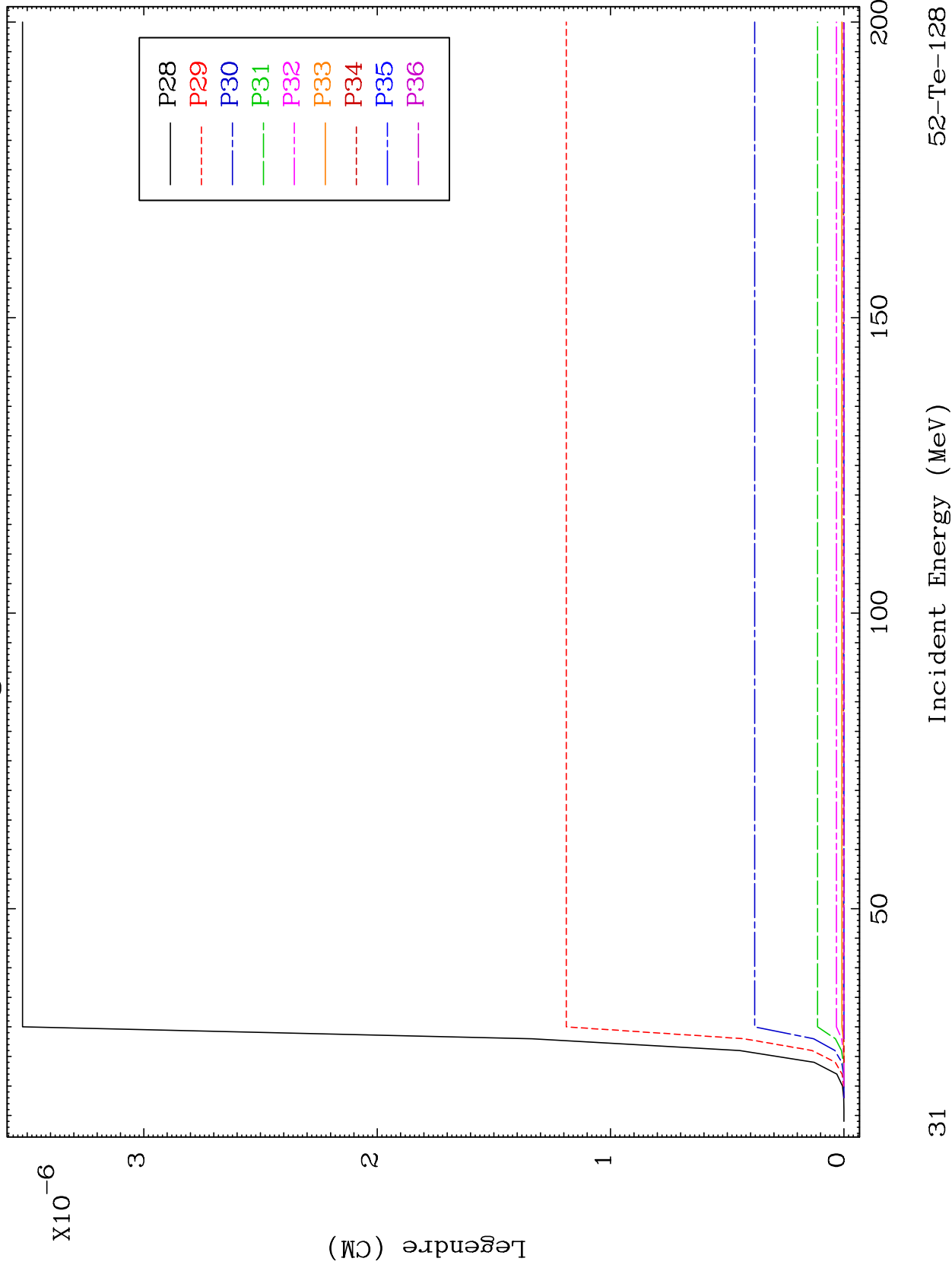
Incident Energy (MeV)

52-Te-128

MAT 5249

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

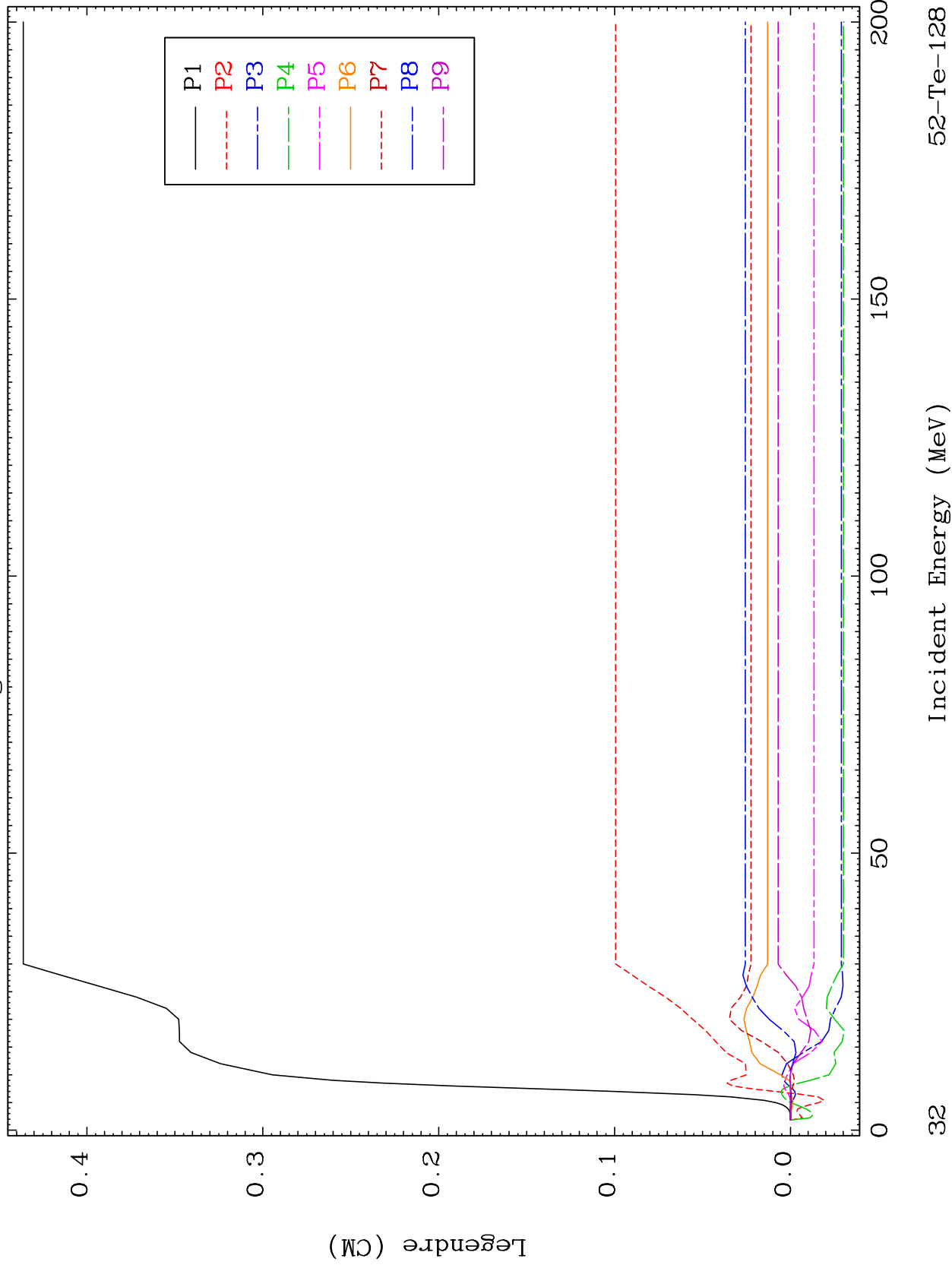
52-Te-128



MAT 5249

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

52-Te-128



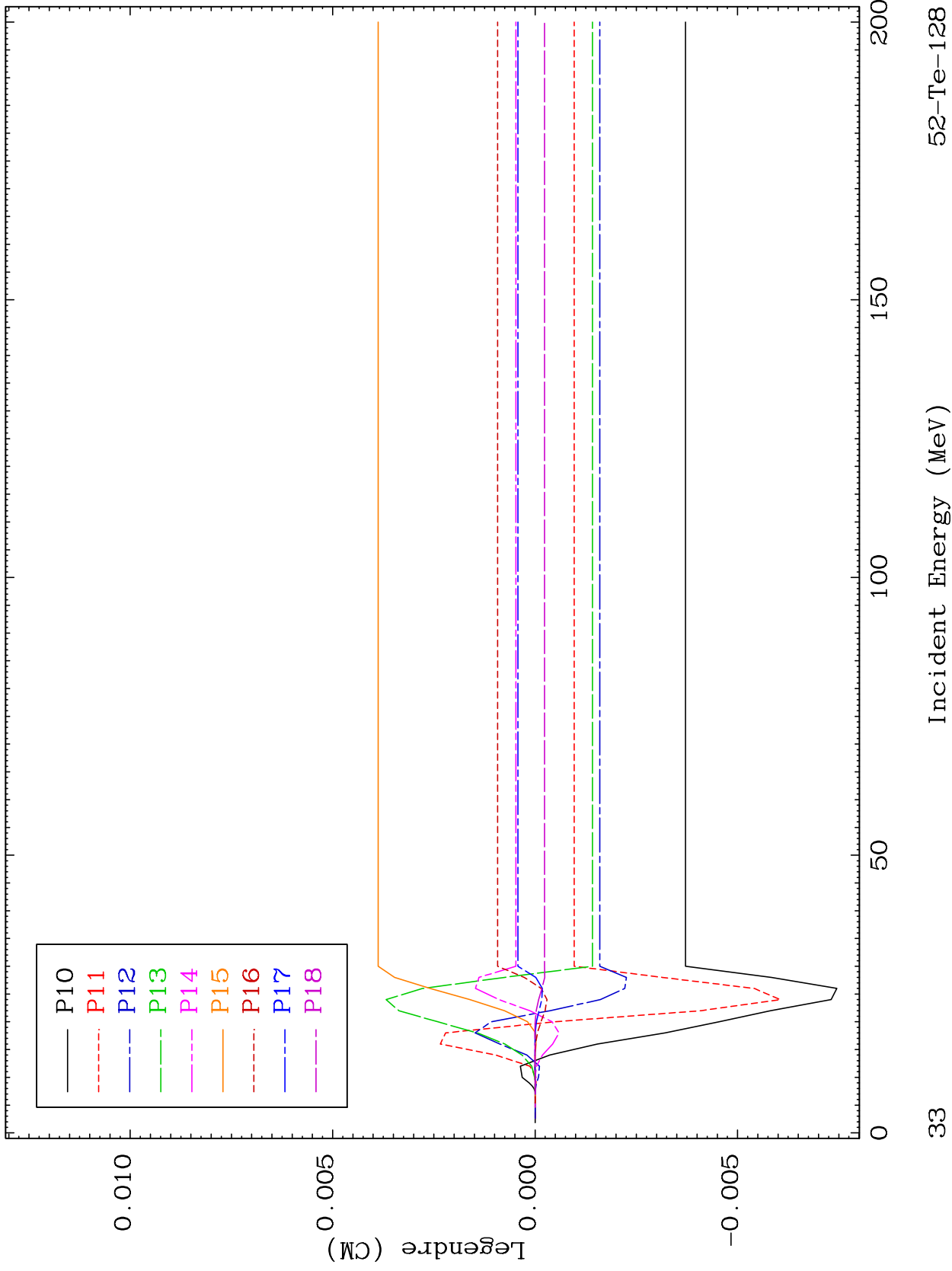
32

52-Te-128

MAT 5249

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

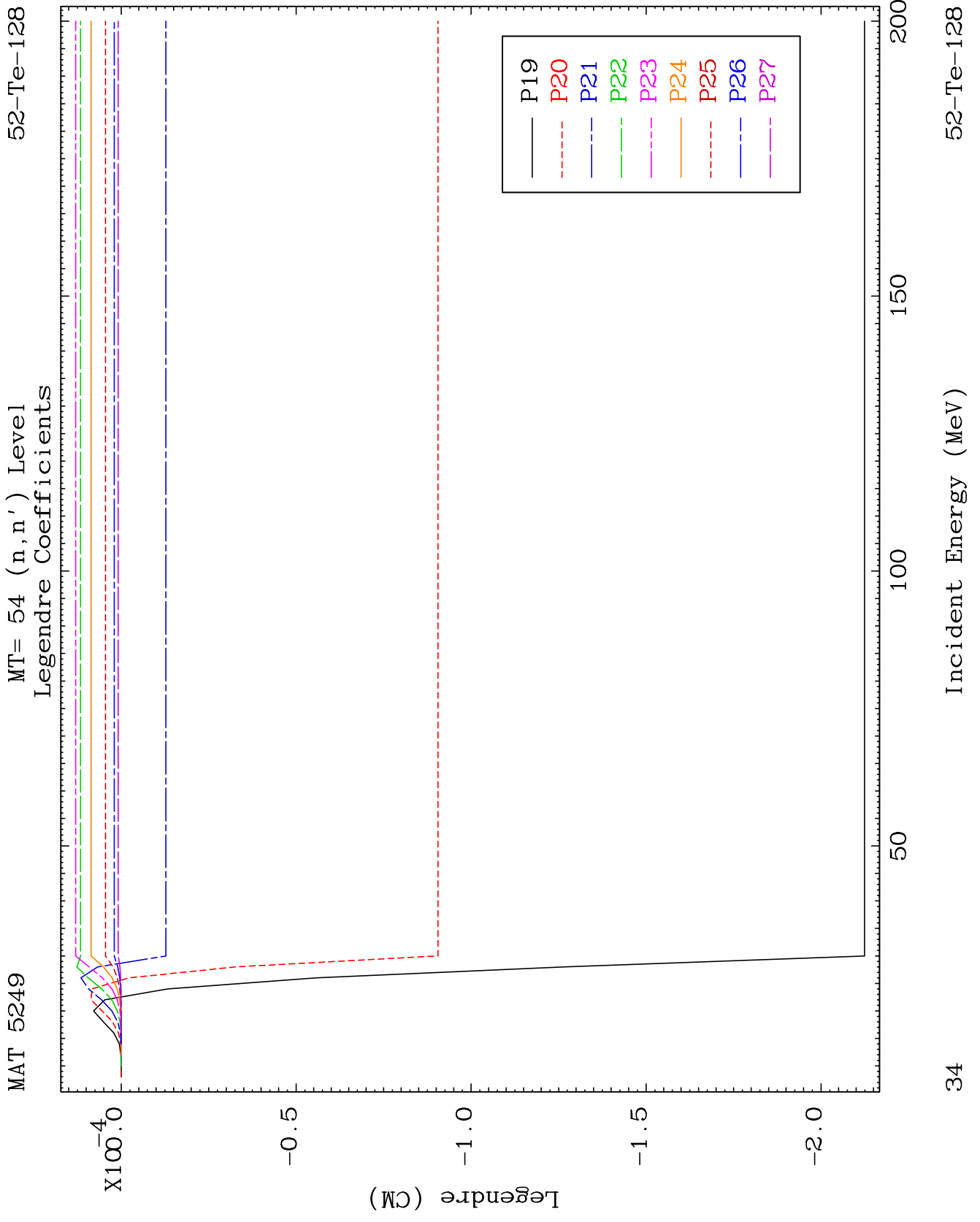
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33

Incident Energy (MeV)

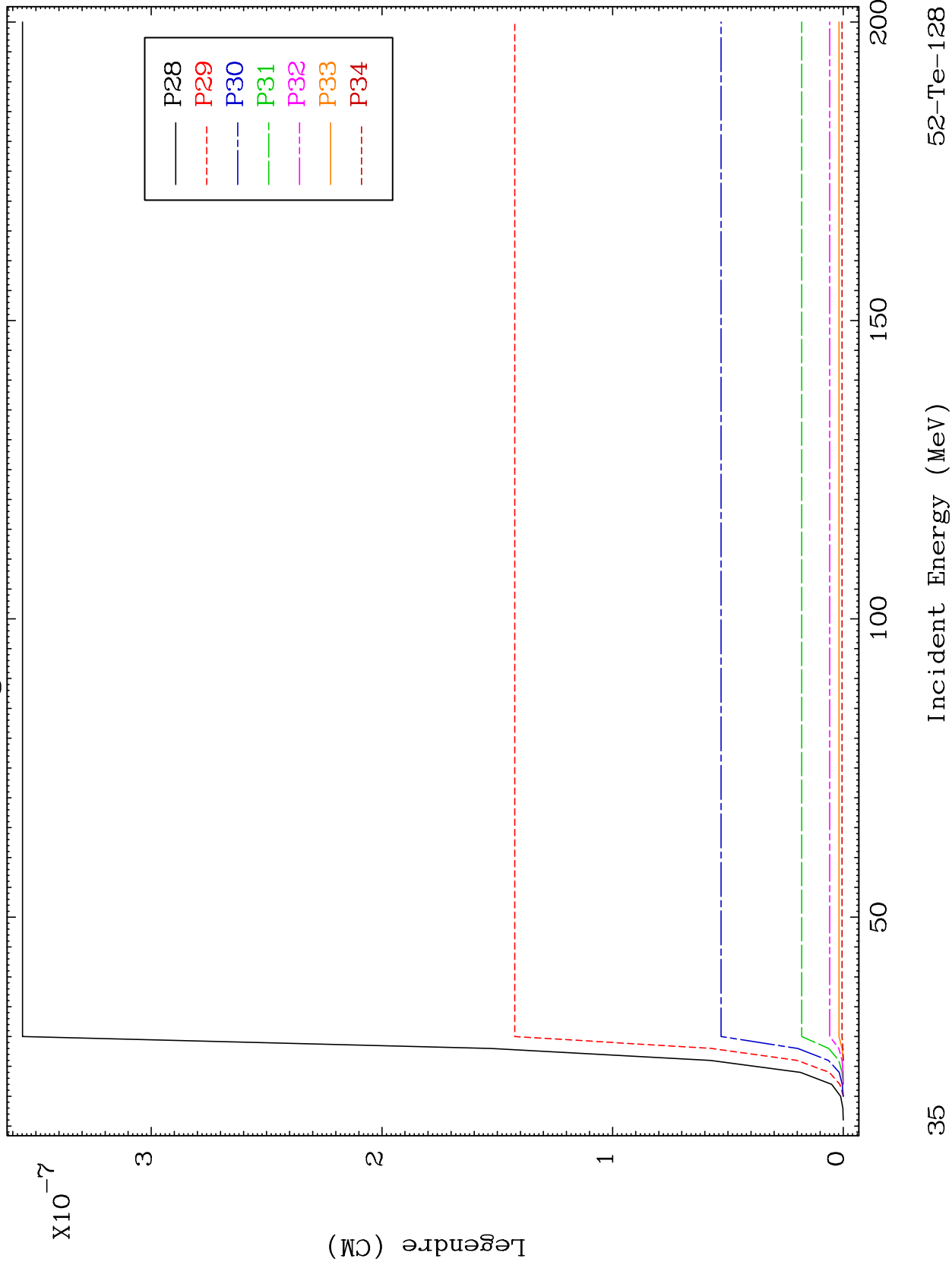
52-Te-128



MAT 5249

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

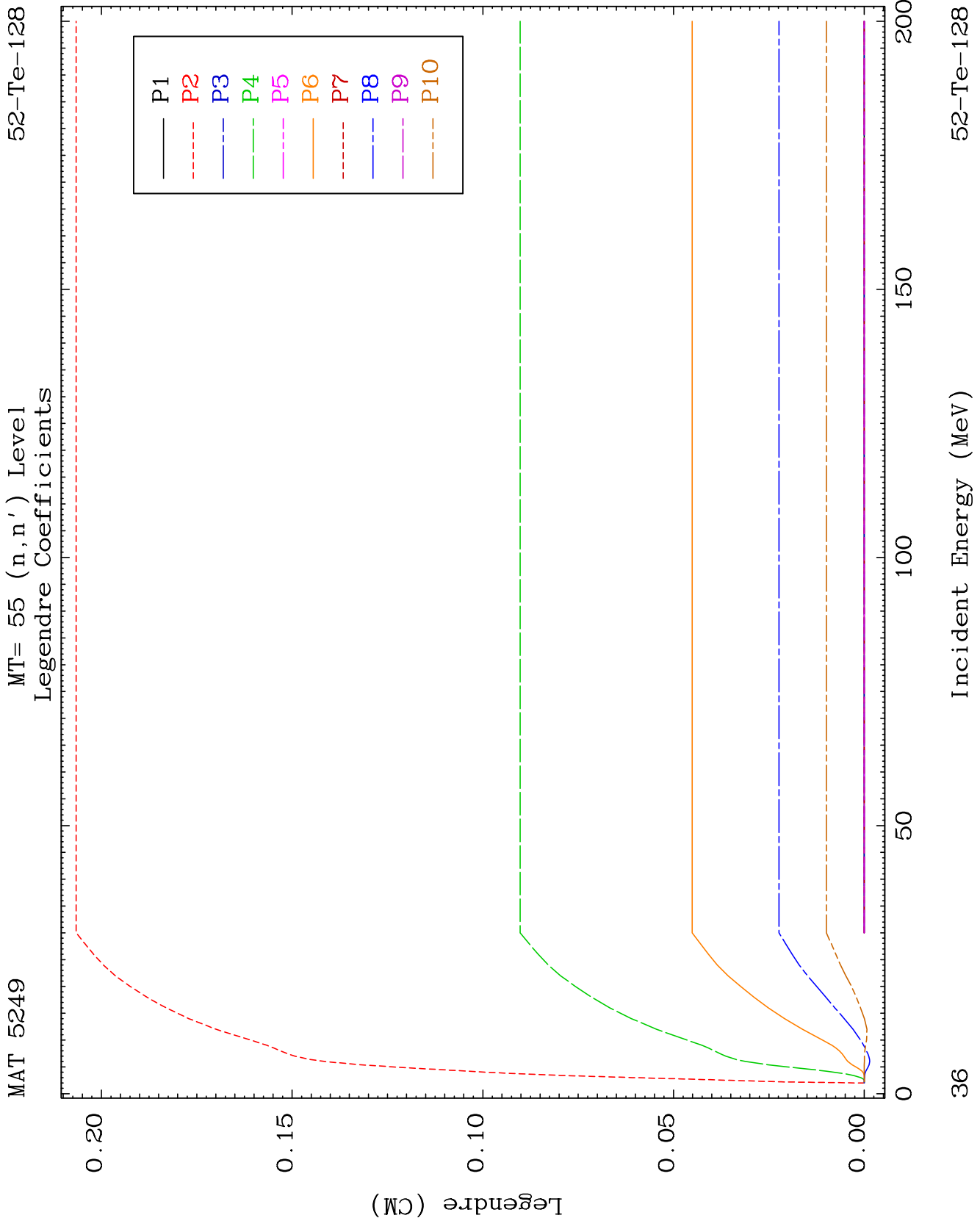
52-Te-128



35

Incident Energy (MeV)

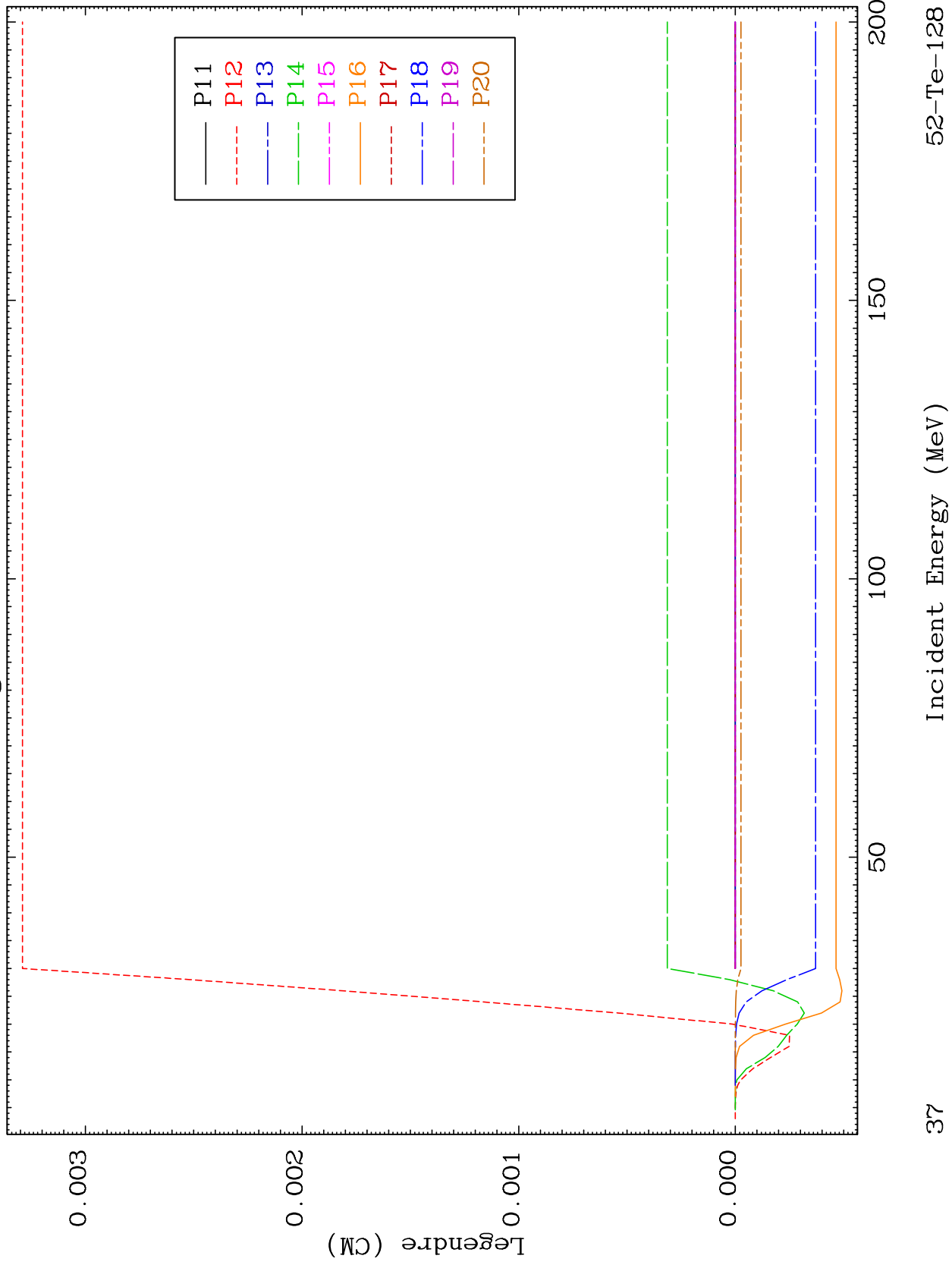
52-Te-128



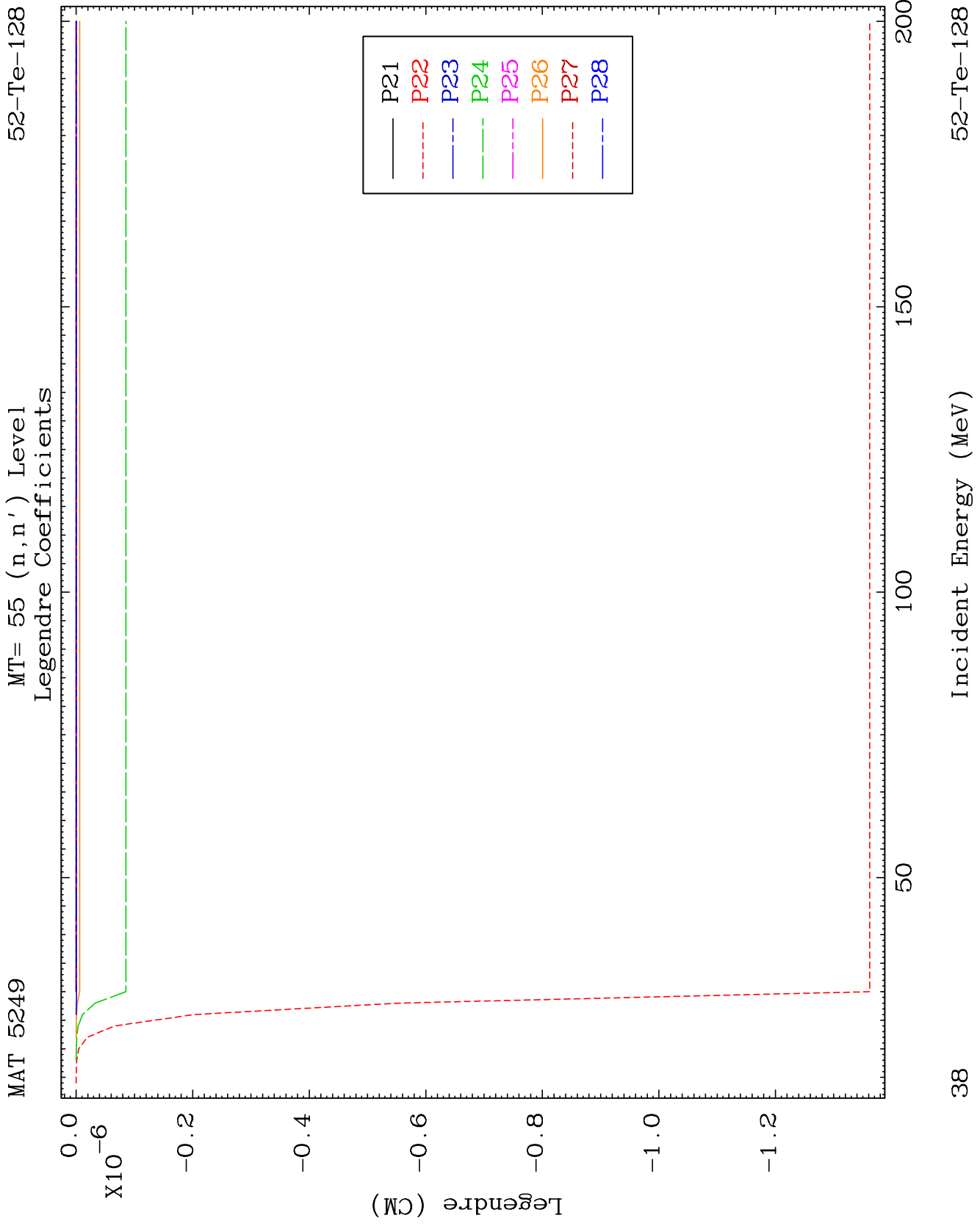
MAT 5249

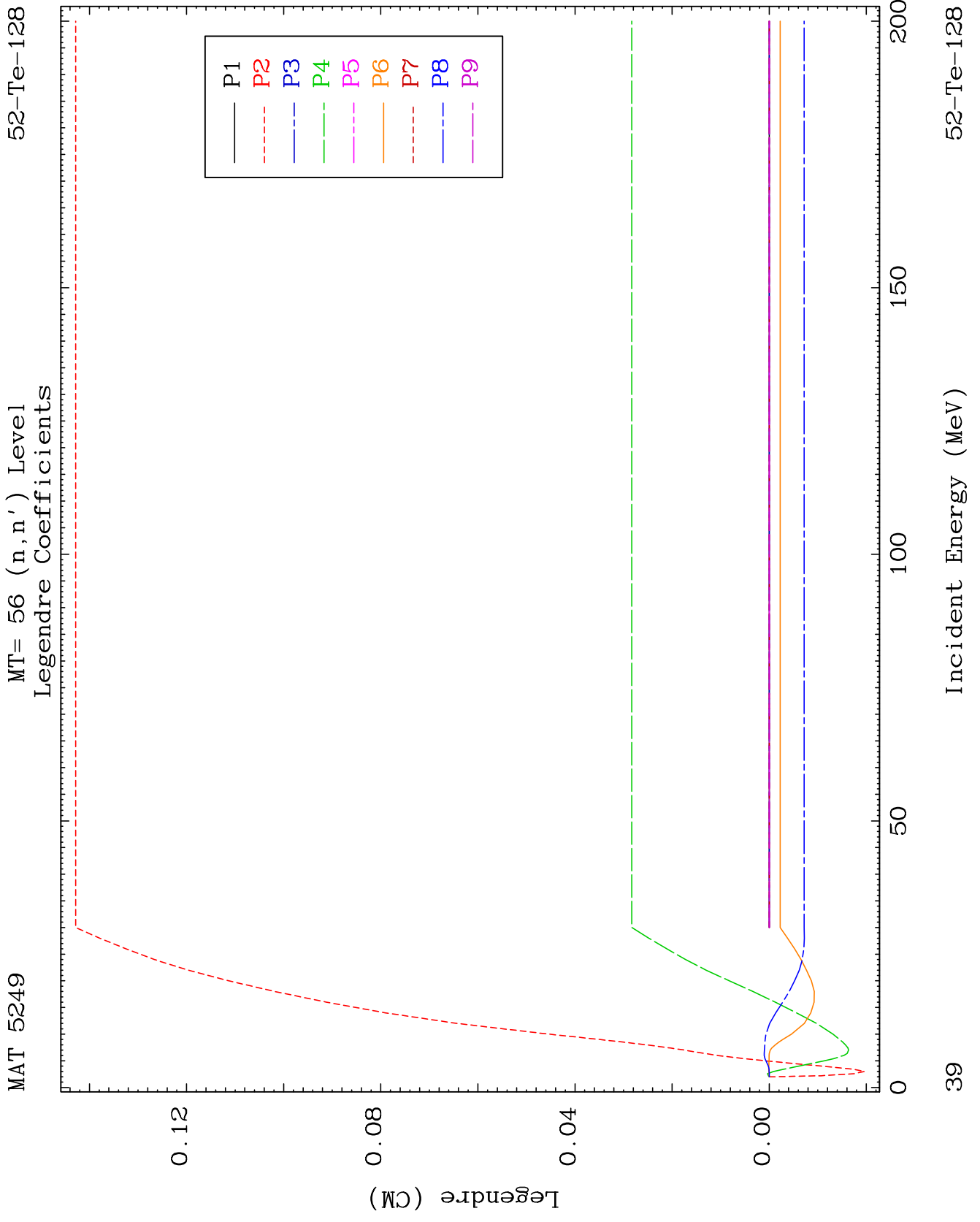
MT= 55 (n,n') Level  
Legendre Coefficients

52-Te-128



37

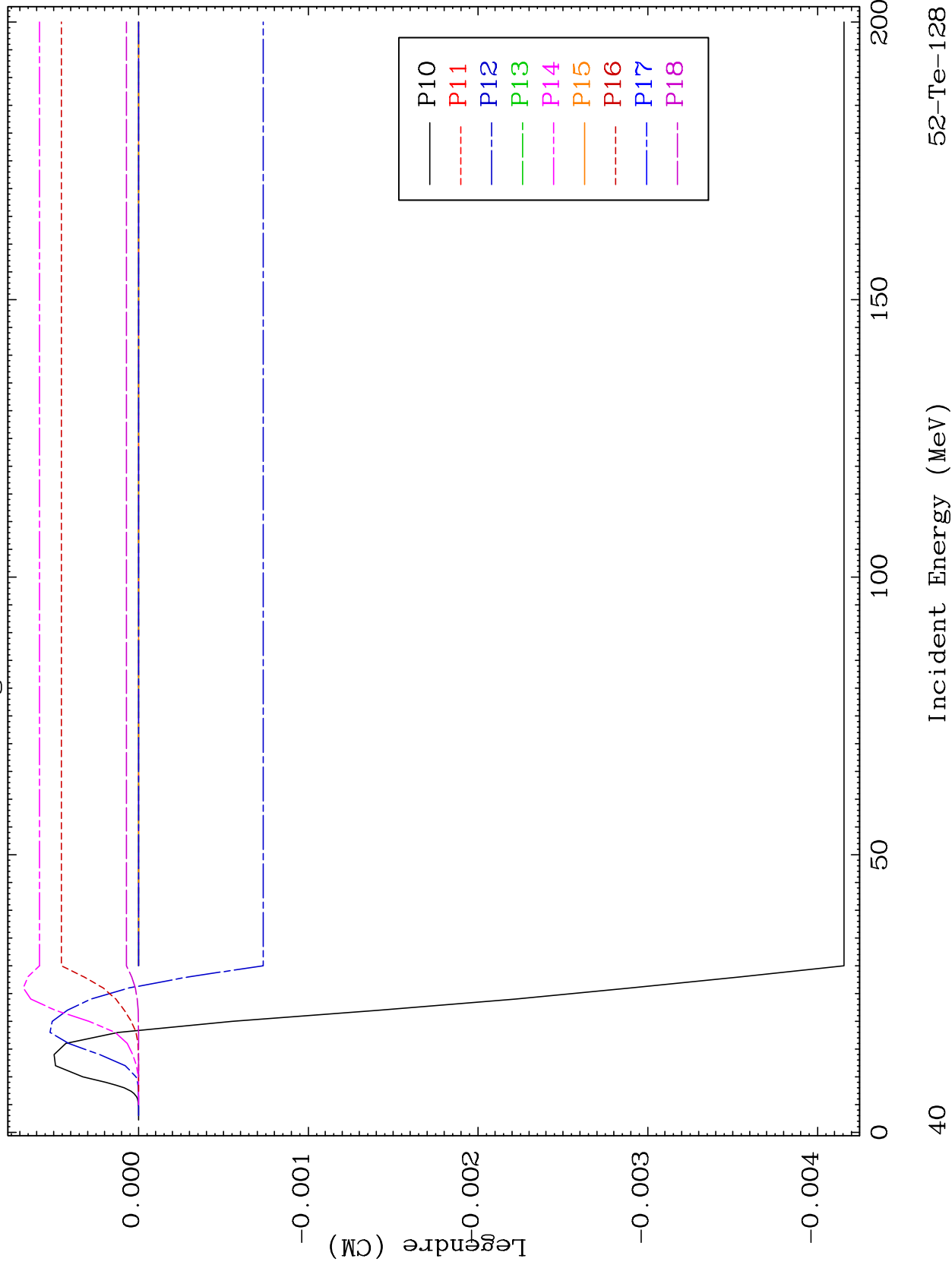




MAT 5249

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

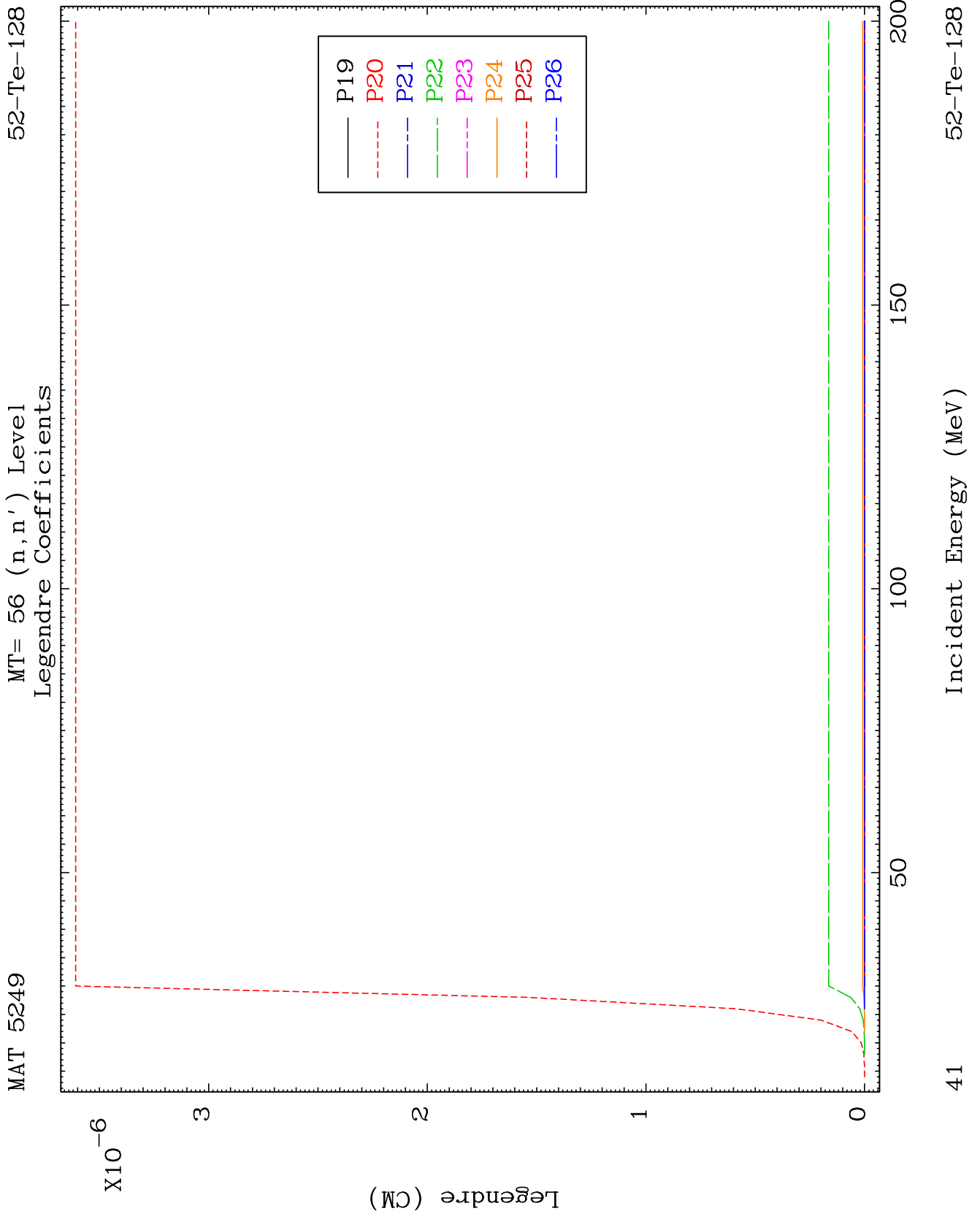
52-Te-128

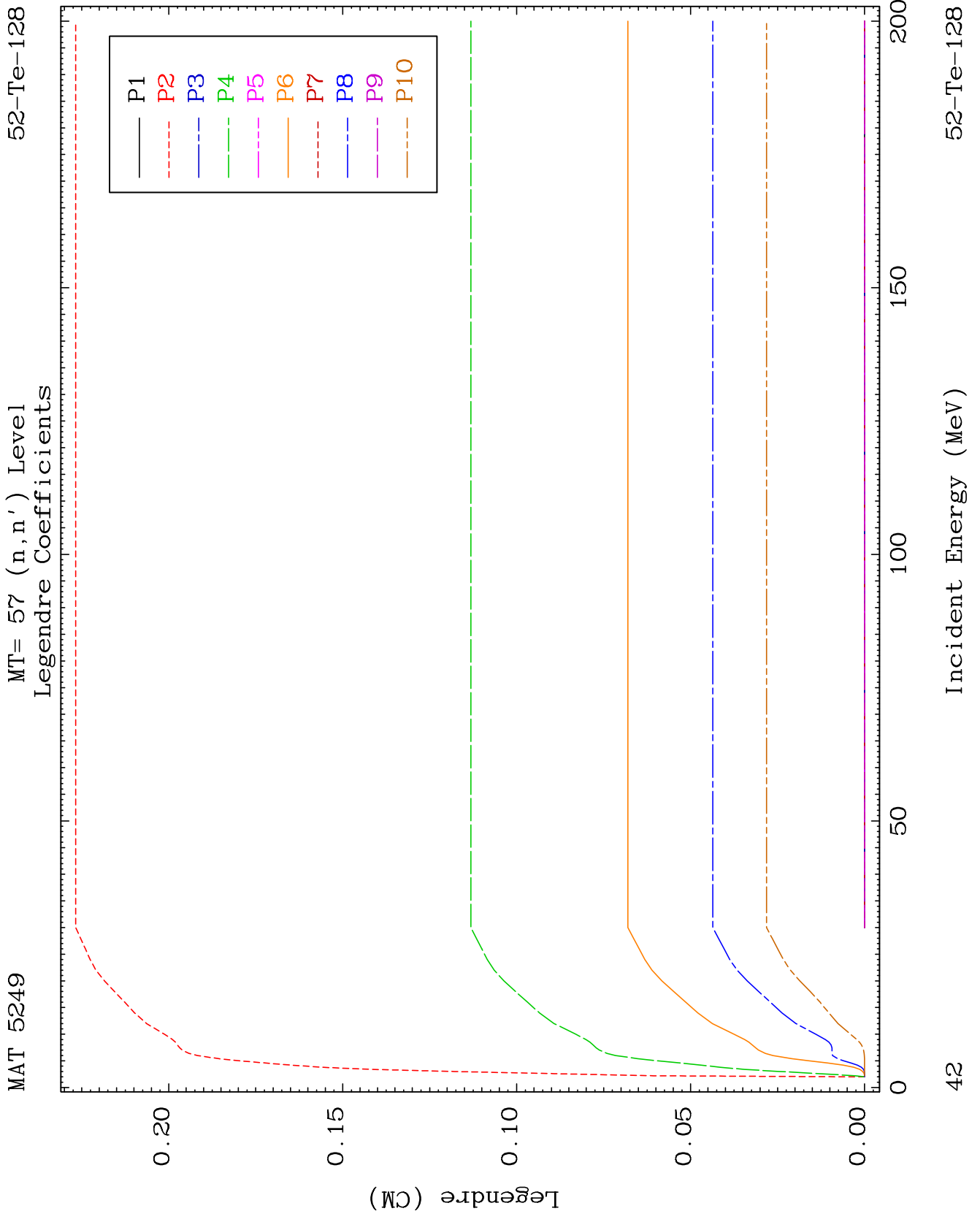


52-Te-128

Incident Energy (MeV)

40





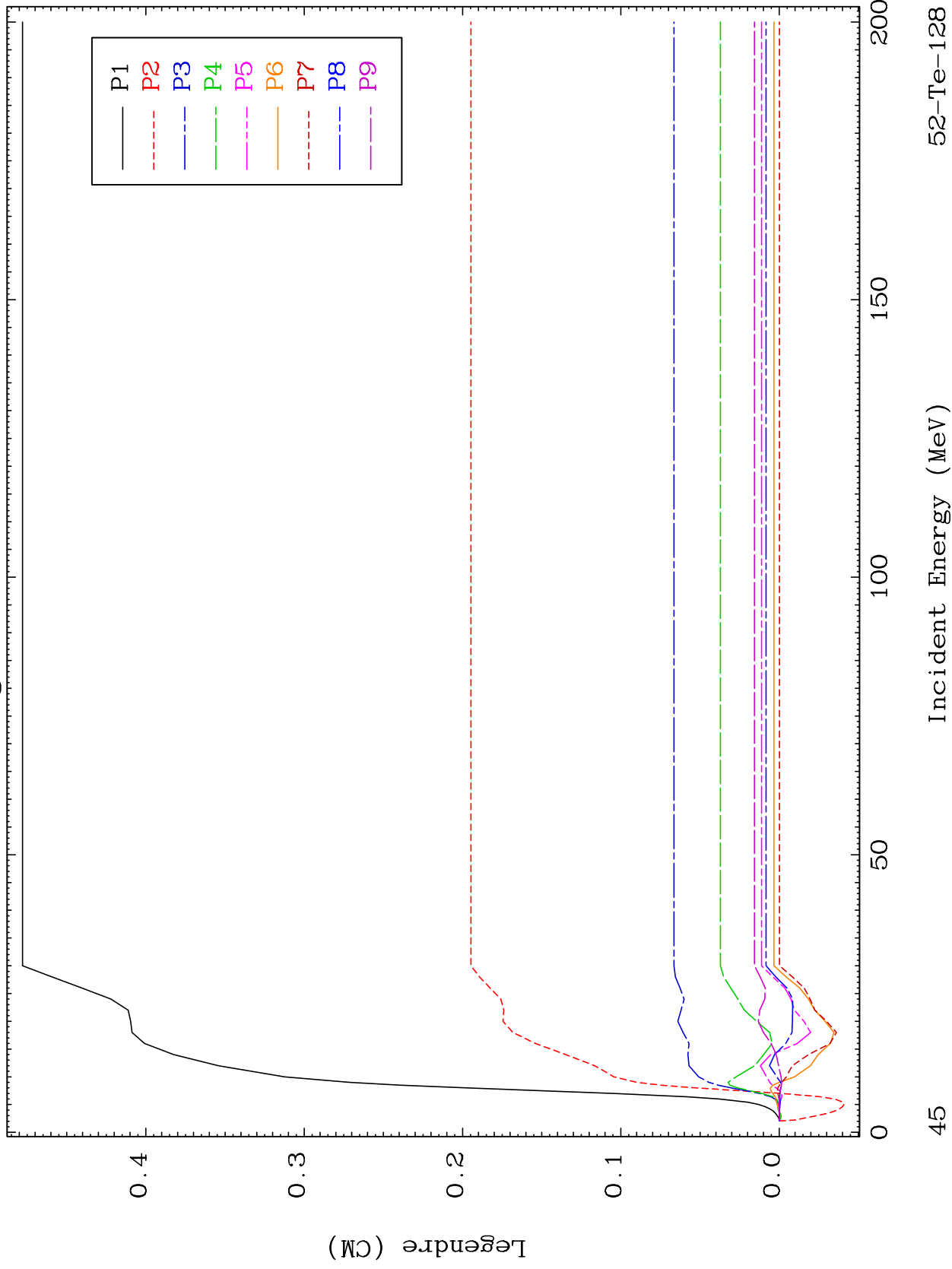




MAT 5249

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

52-Te-128



52-Te-128

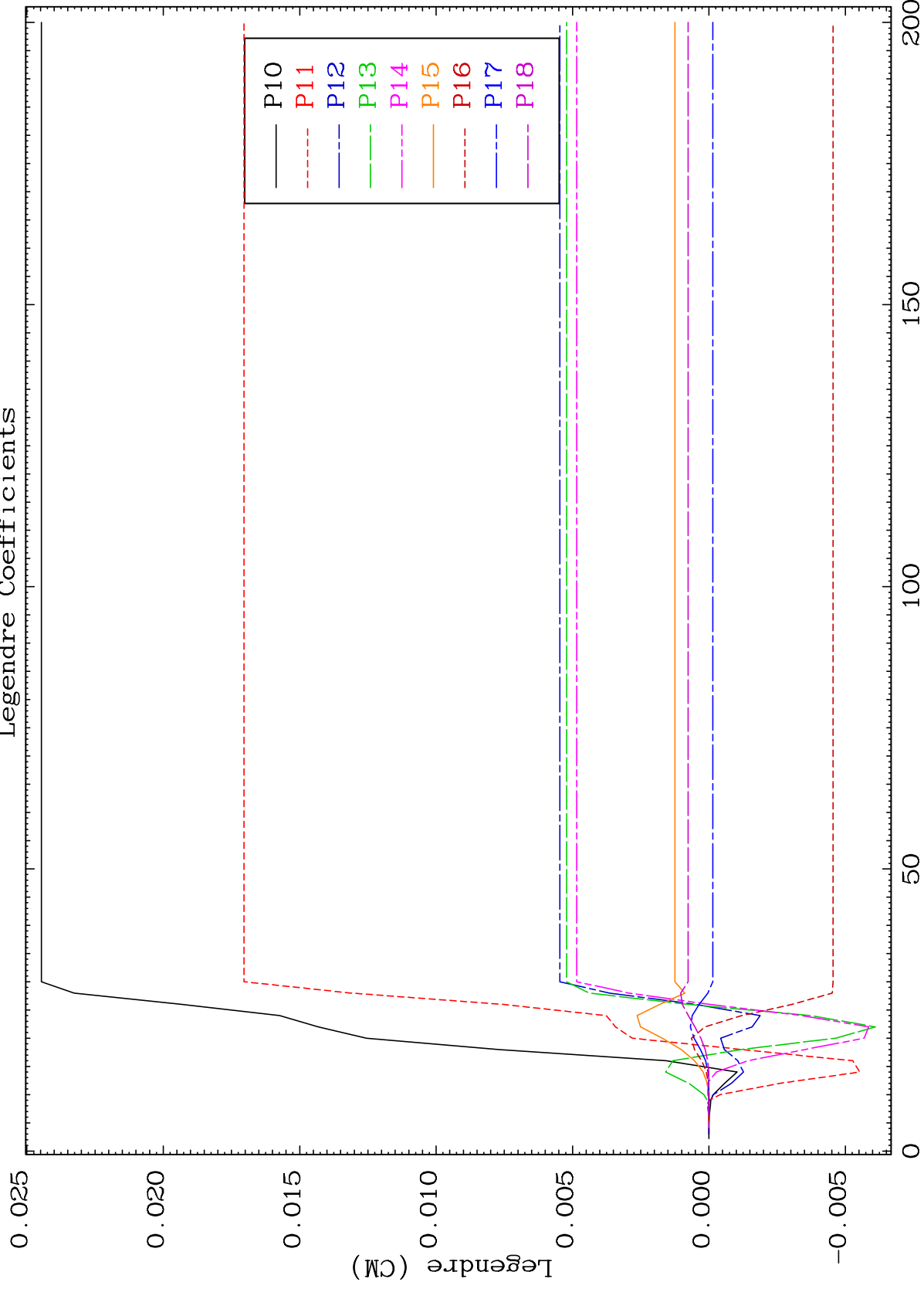
Incident Energy (MeV)

45

MAT 5249

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

52-Te-128



46

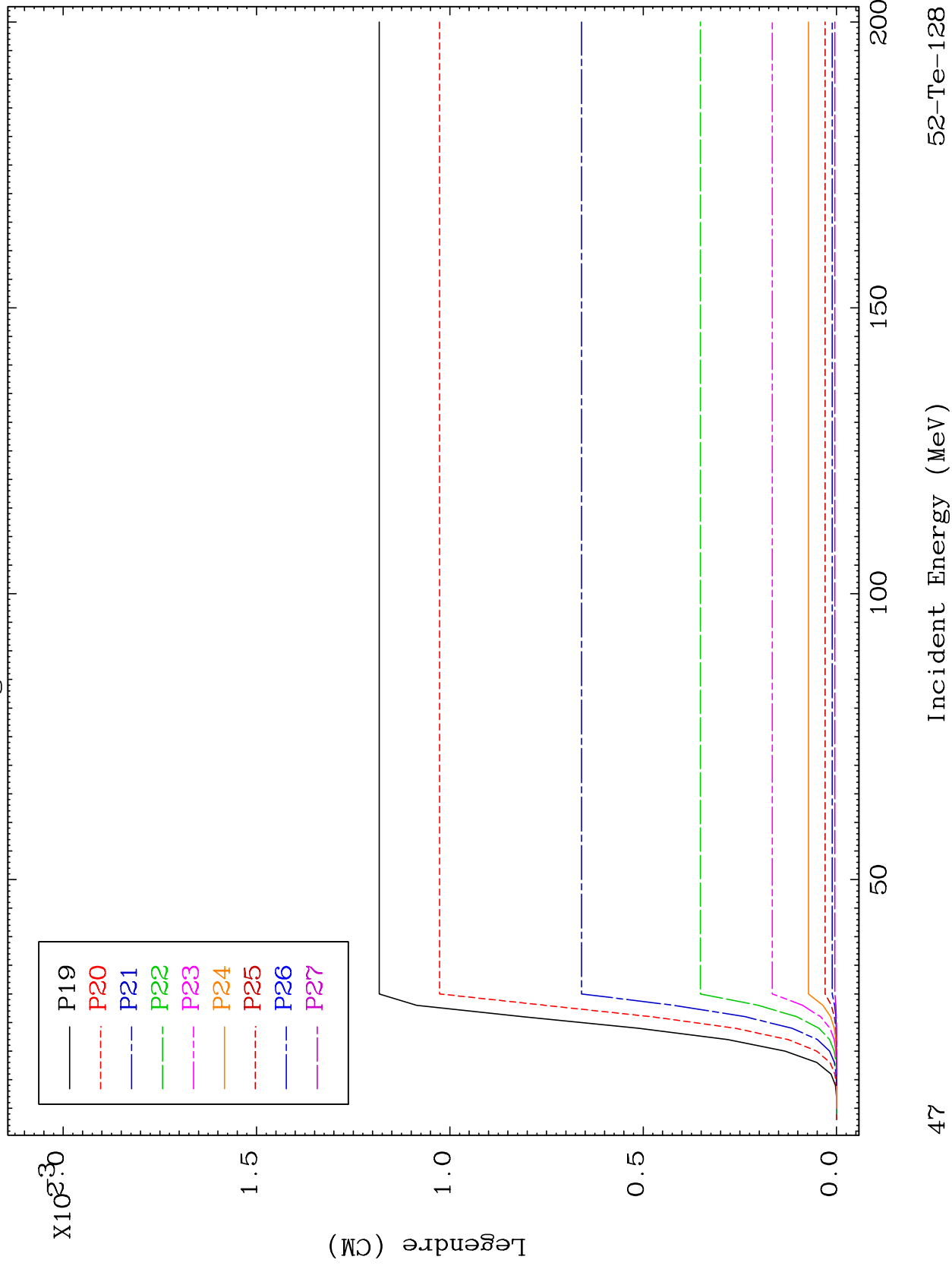
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



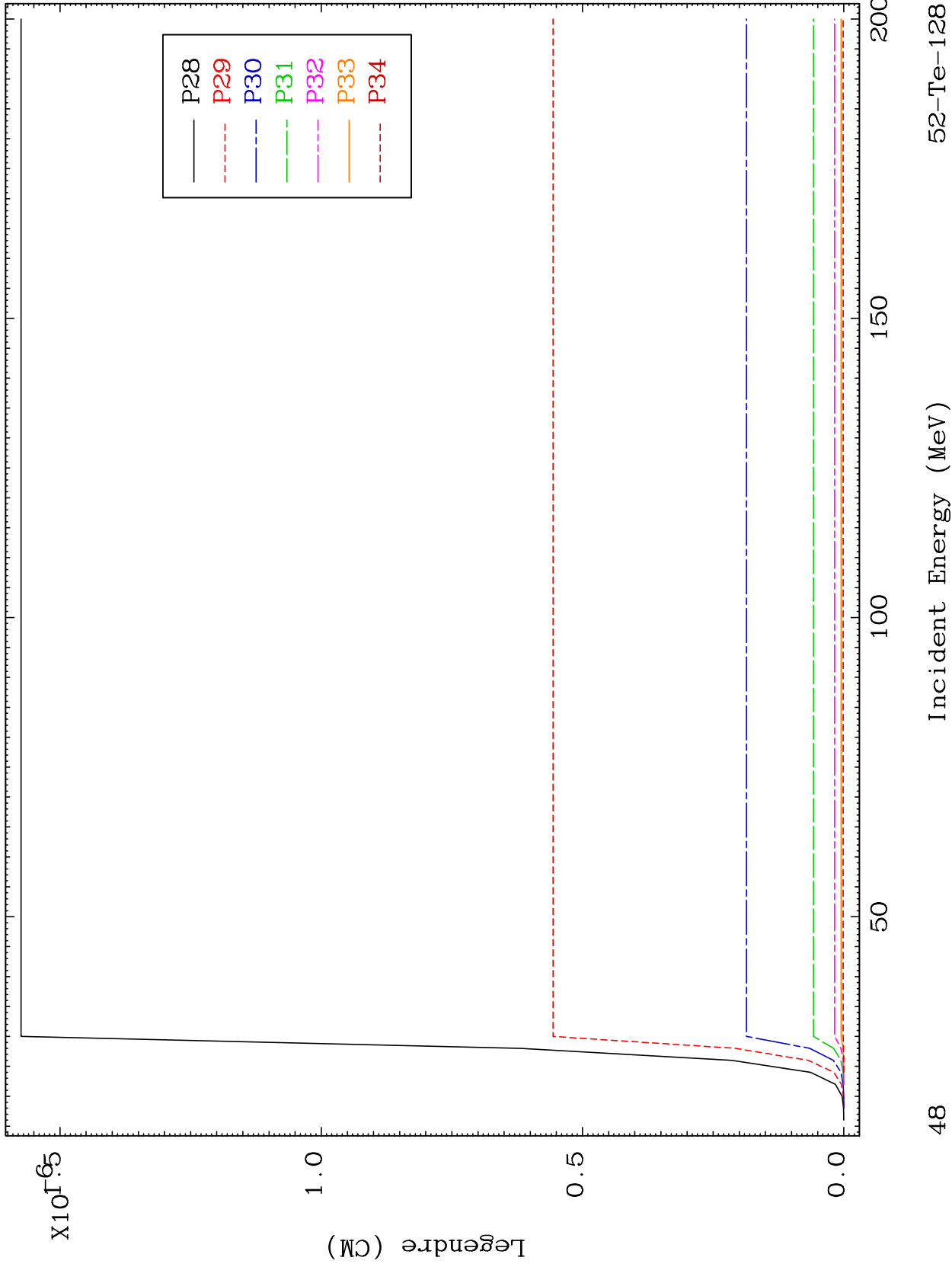
47

52-Te-128

MAT 5249

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

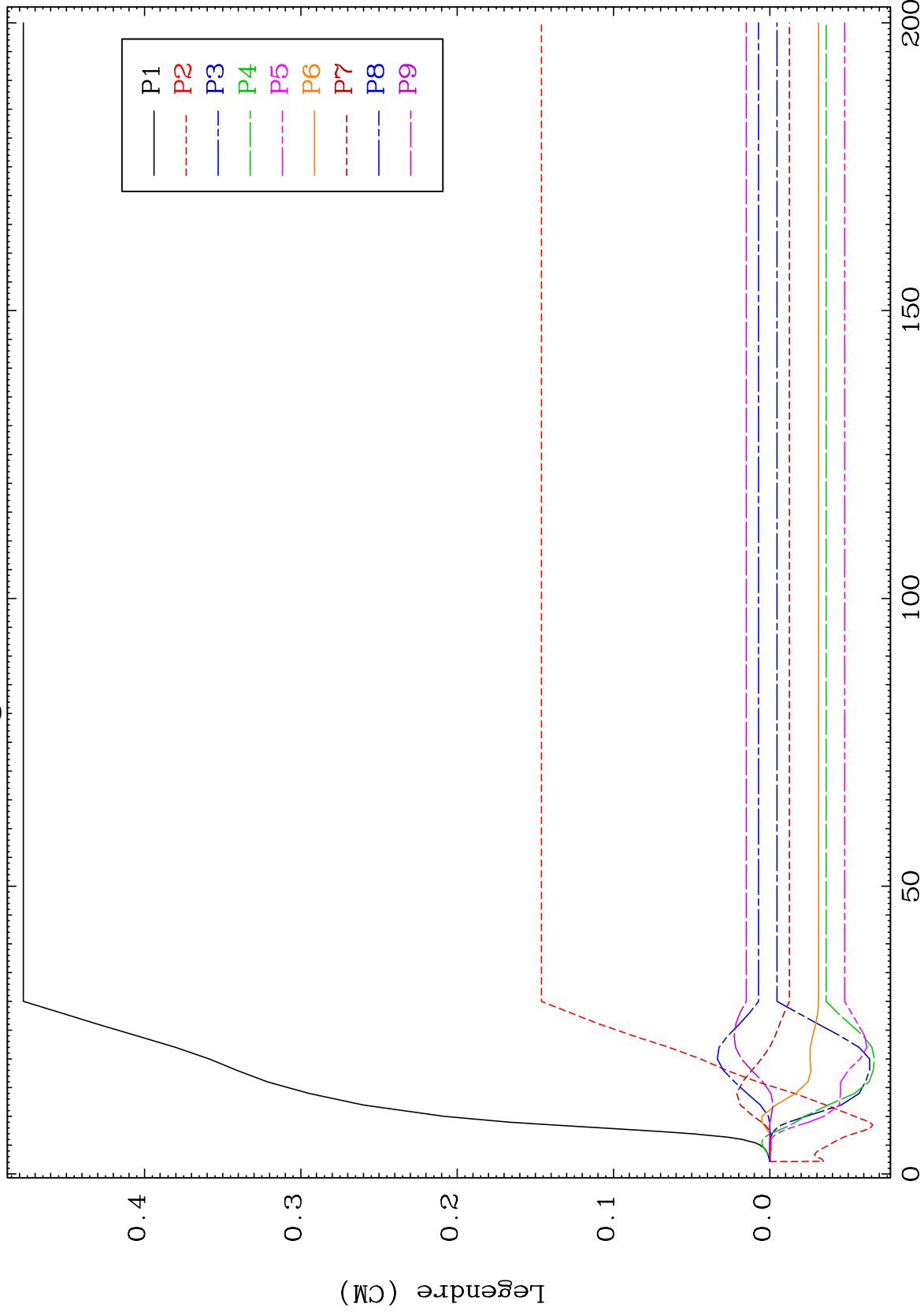
52-Te-128



MAT 5249

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

52-Te-128



49

Incident Energy (MeV)

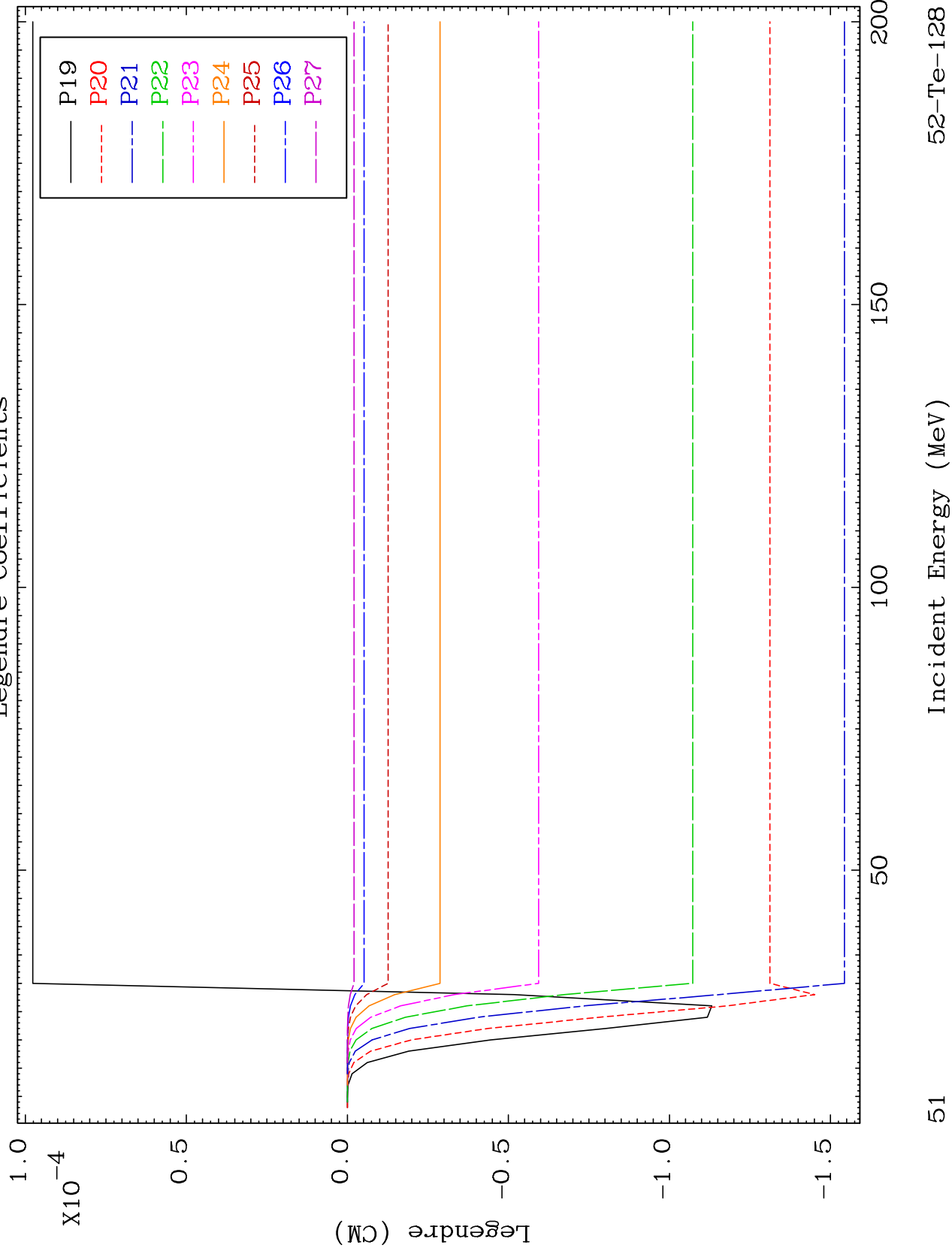
52-Te-128



MAT 5249

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

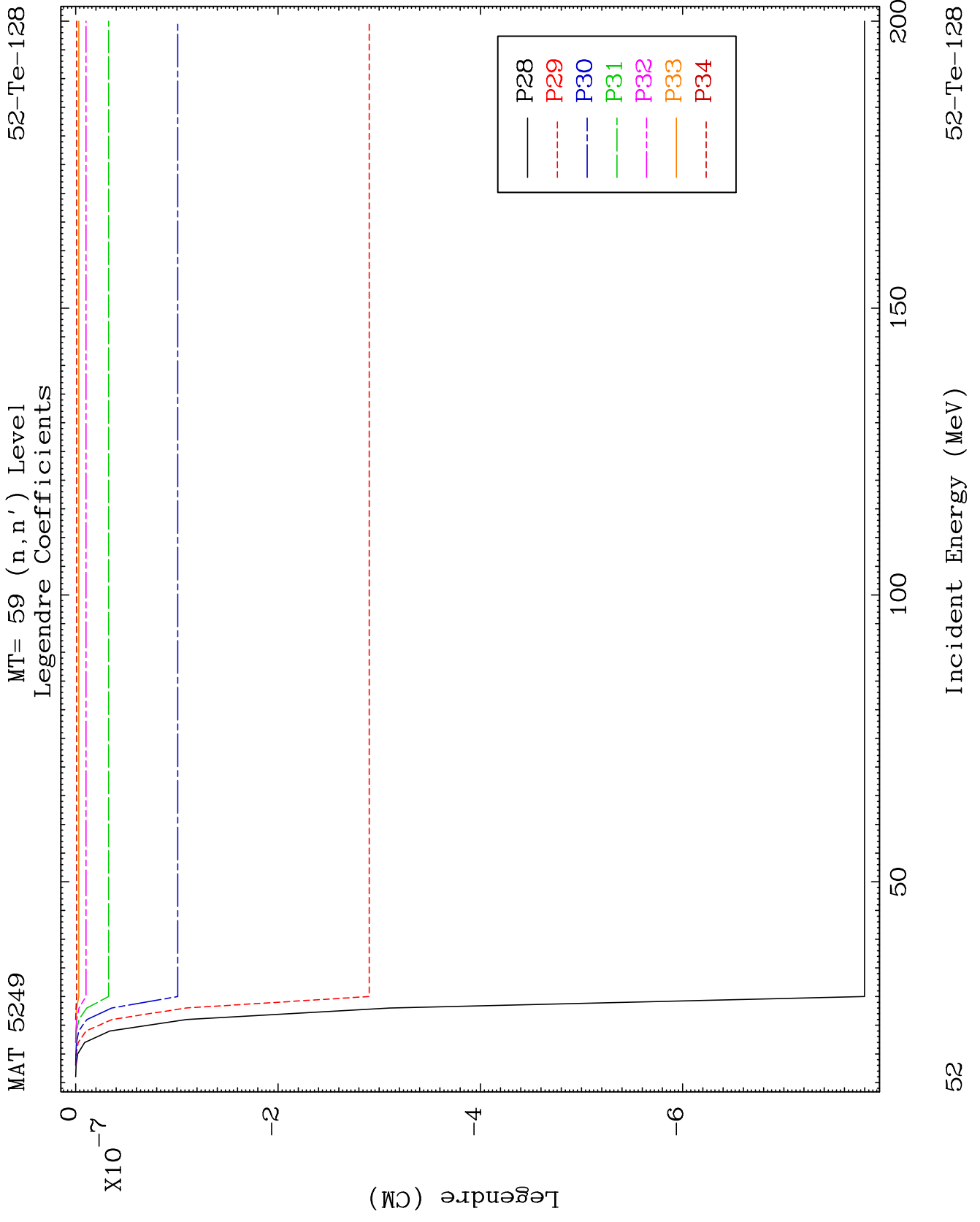
52-Te-128

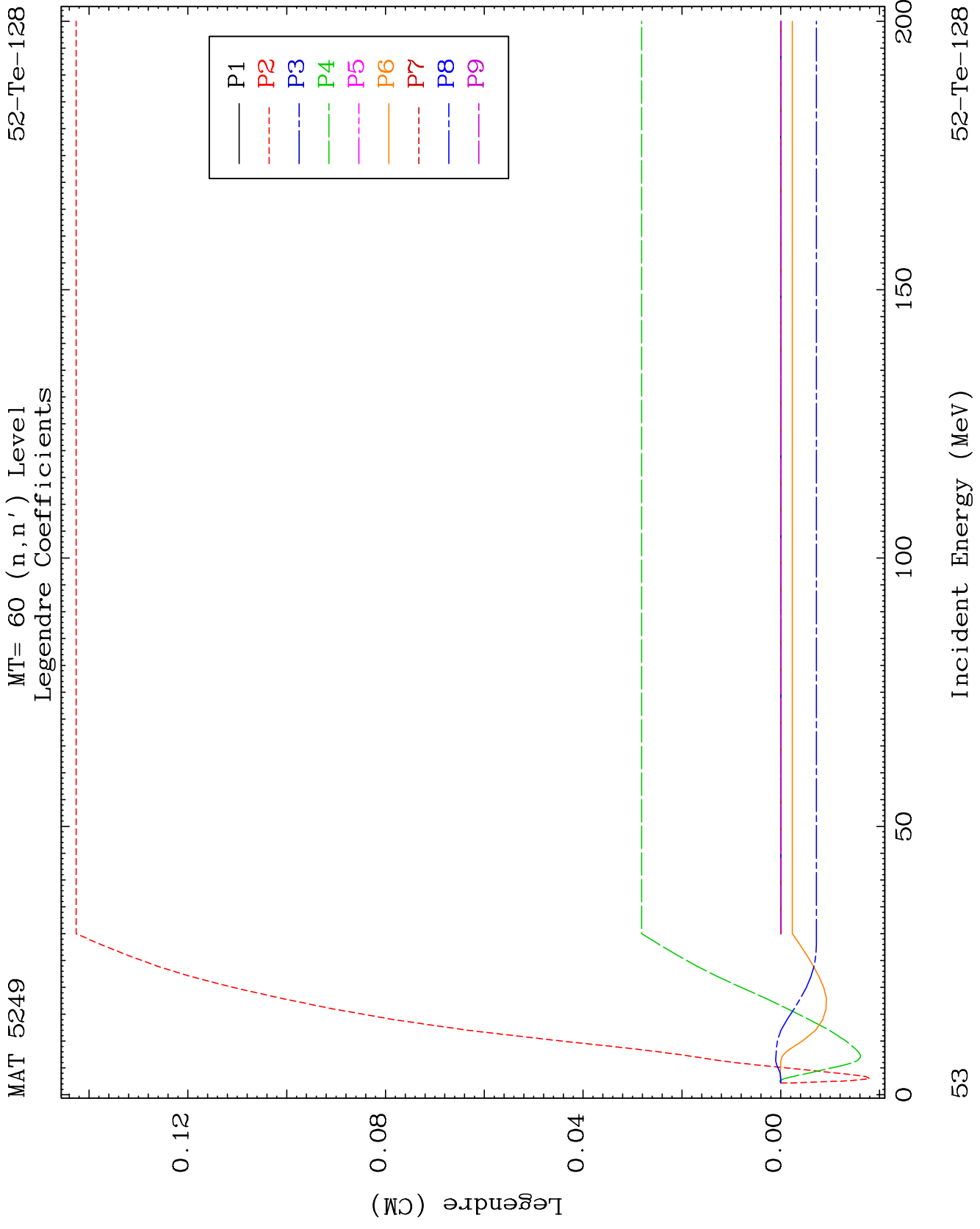


51

Incident Energy (MeV)

52-Te-128

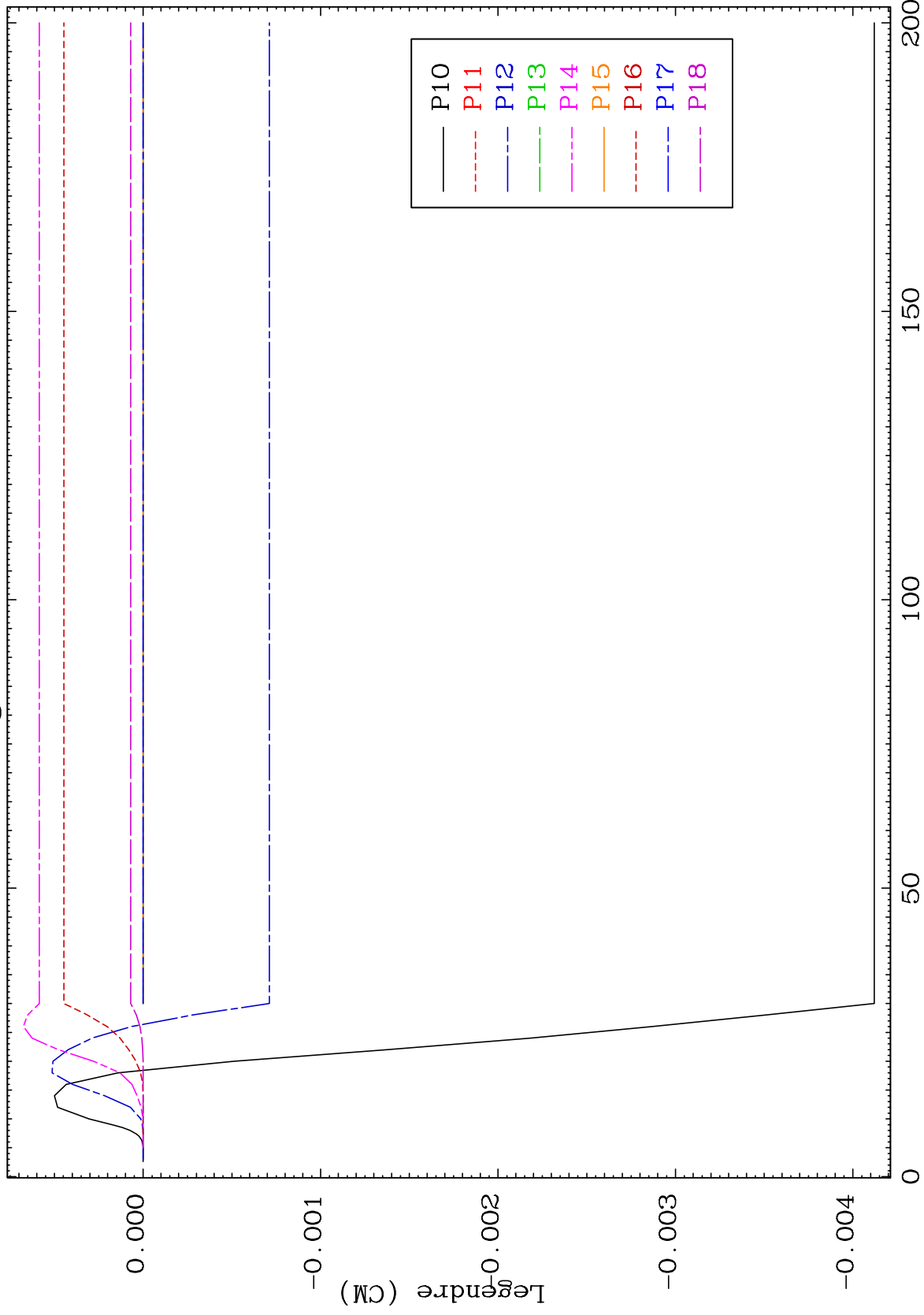




MAT 5249

52-Te-128

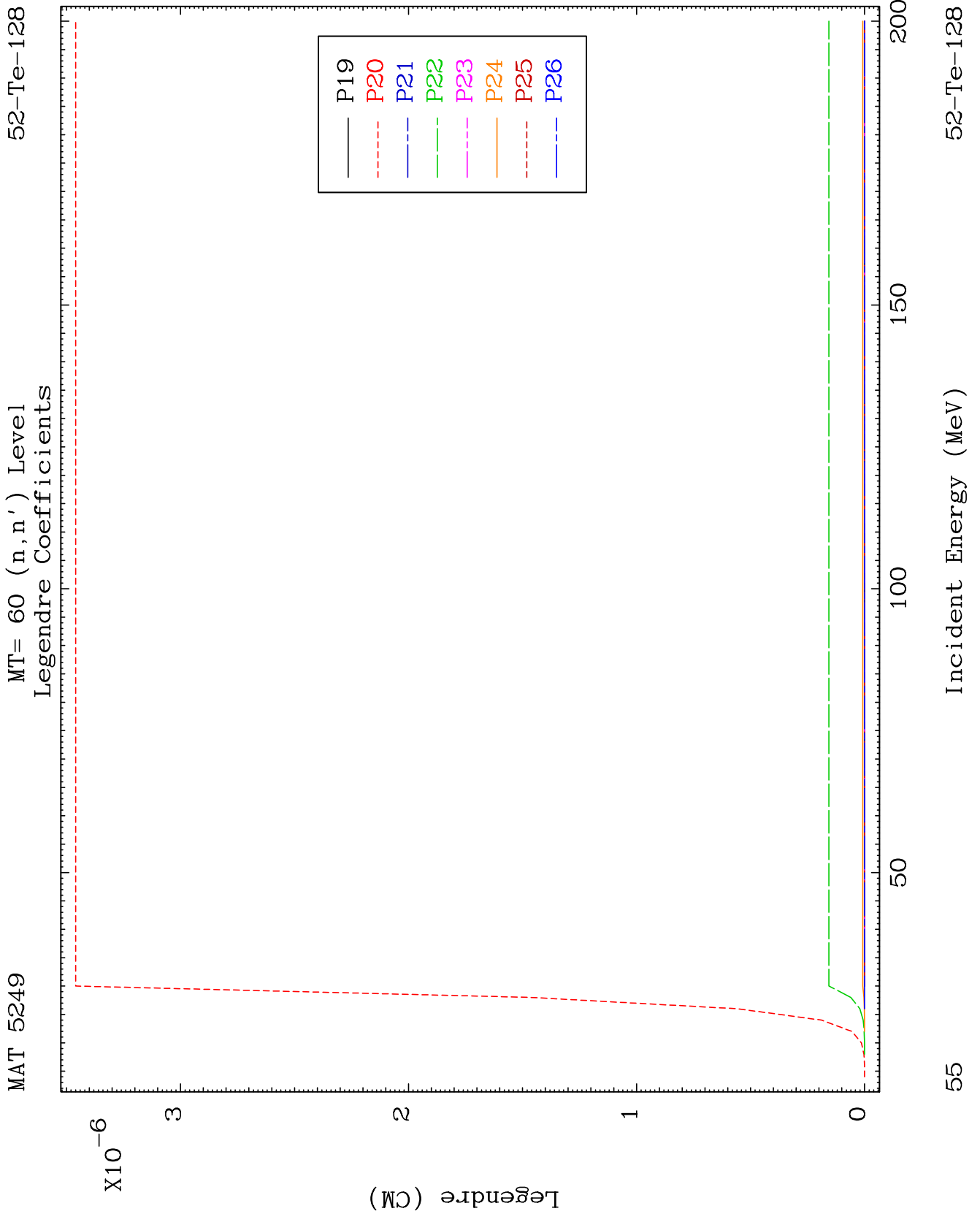
MT= 60 (n,n') Level  
Legendre Coefficients



54

Incident Energy (MeV)

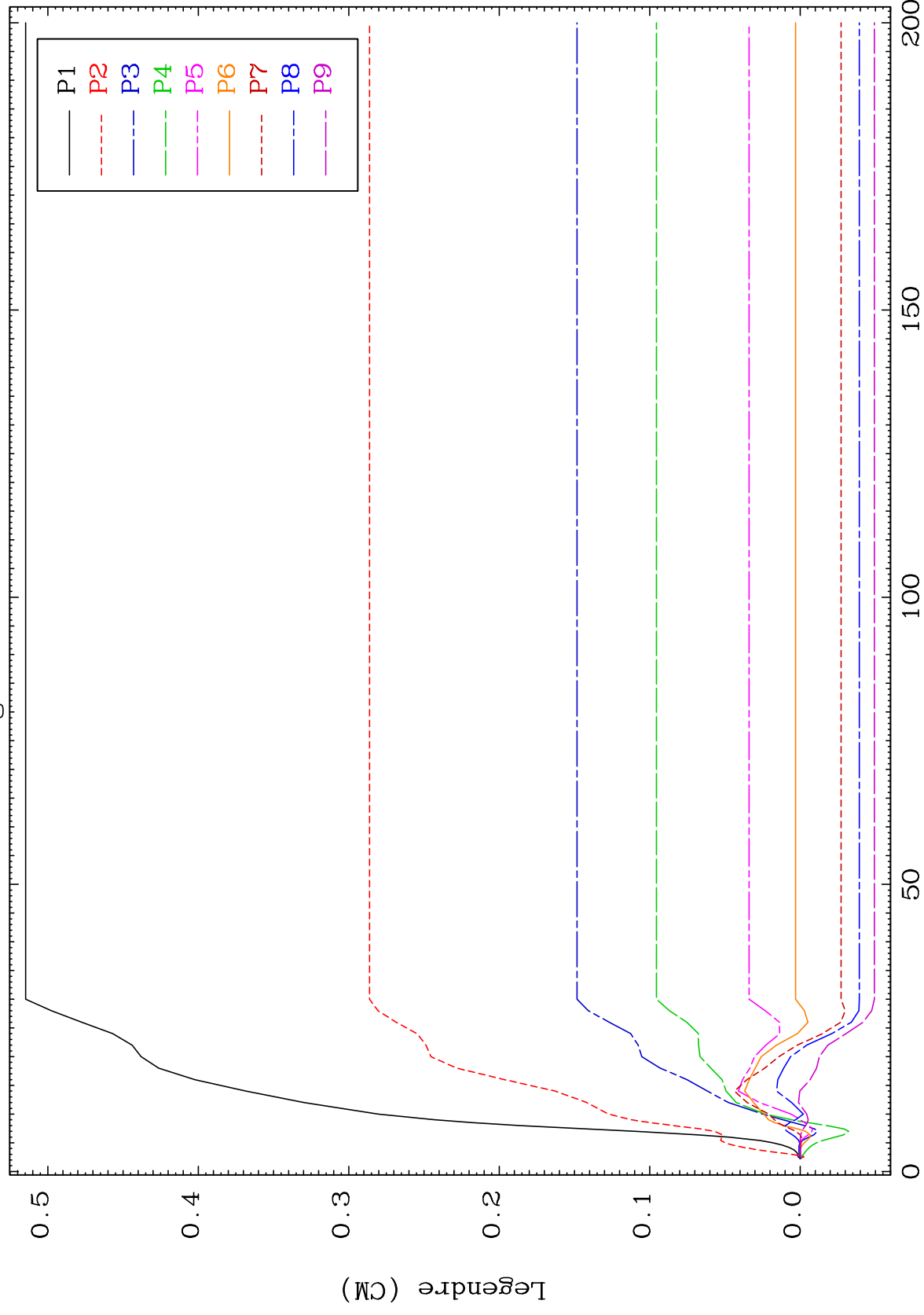
52-Te-128



MAT 5249

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

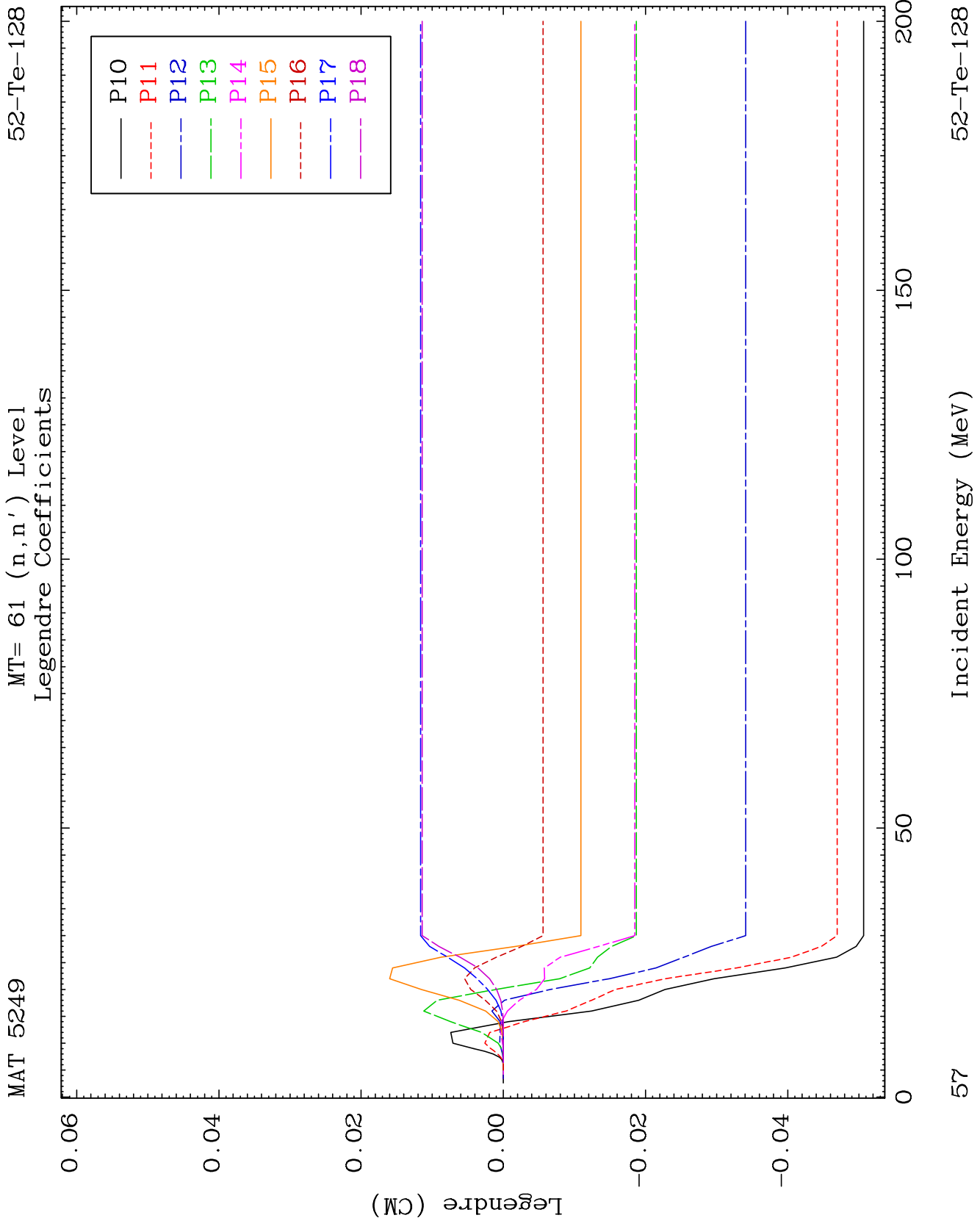
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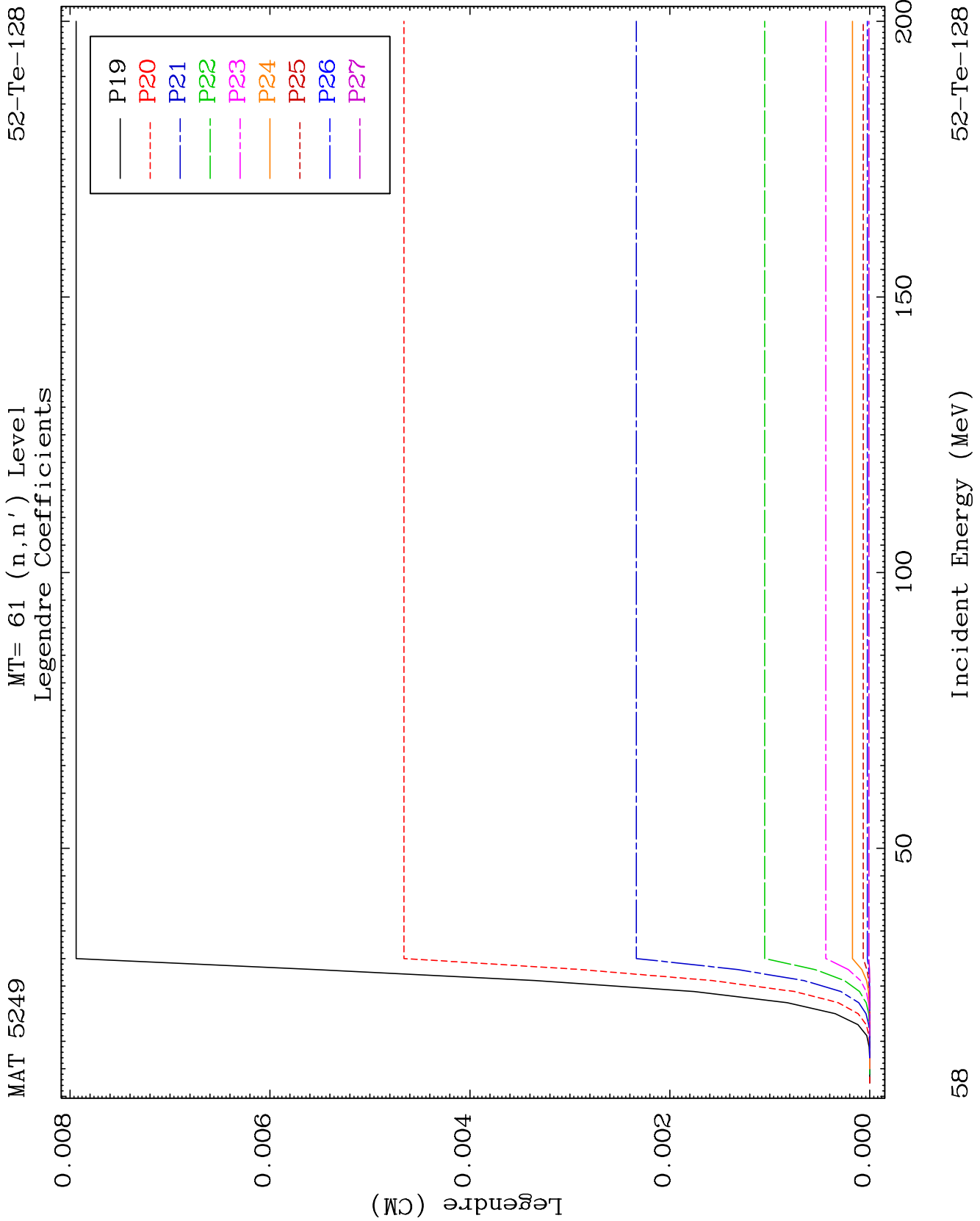


56

Incident Energy (MeV)

52-Te-128

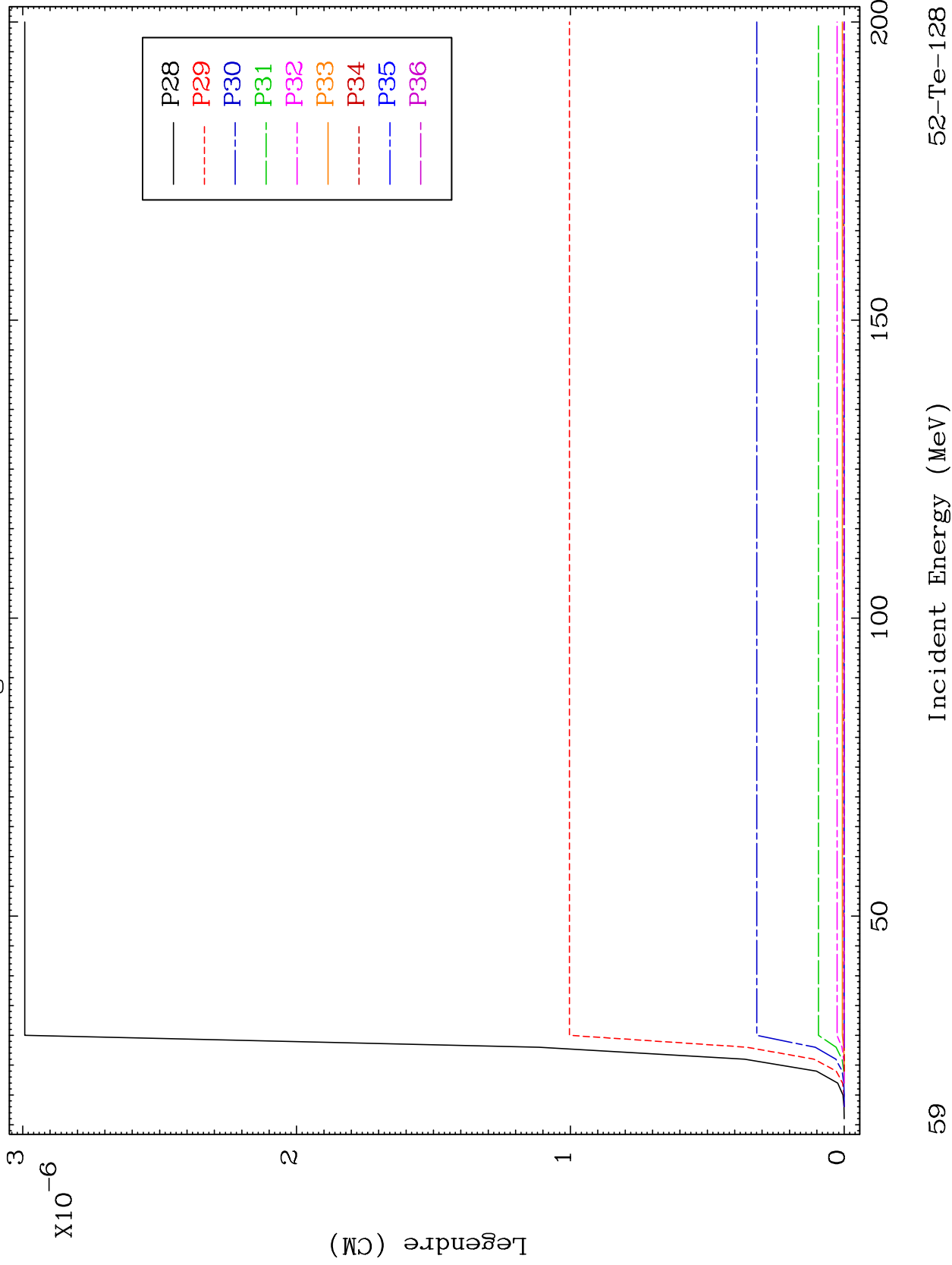




MAT 5249

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

52-Te-128



59

Incident Energy (MeV)

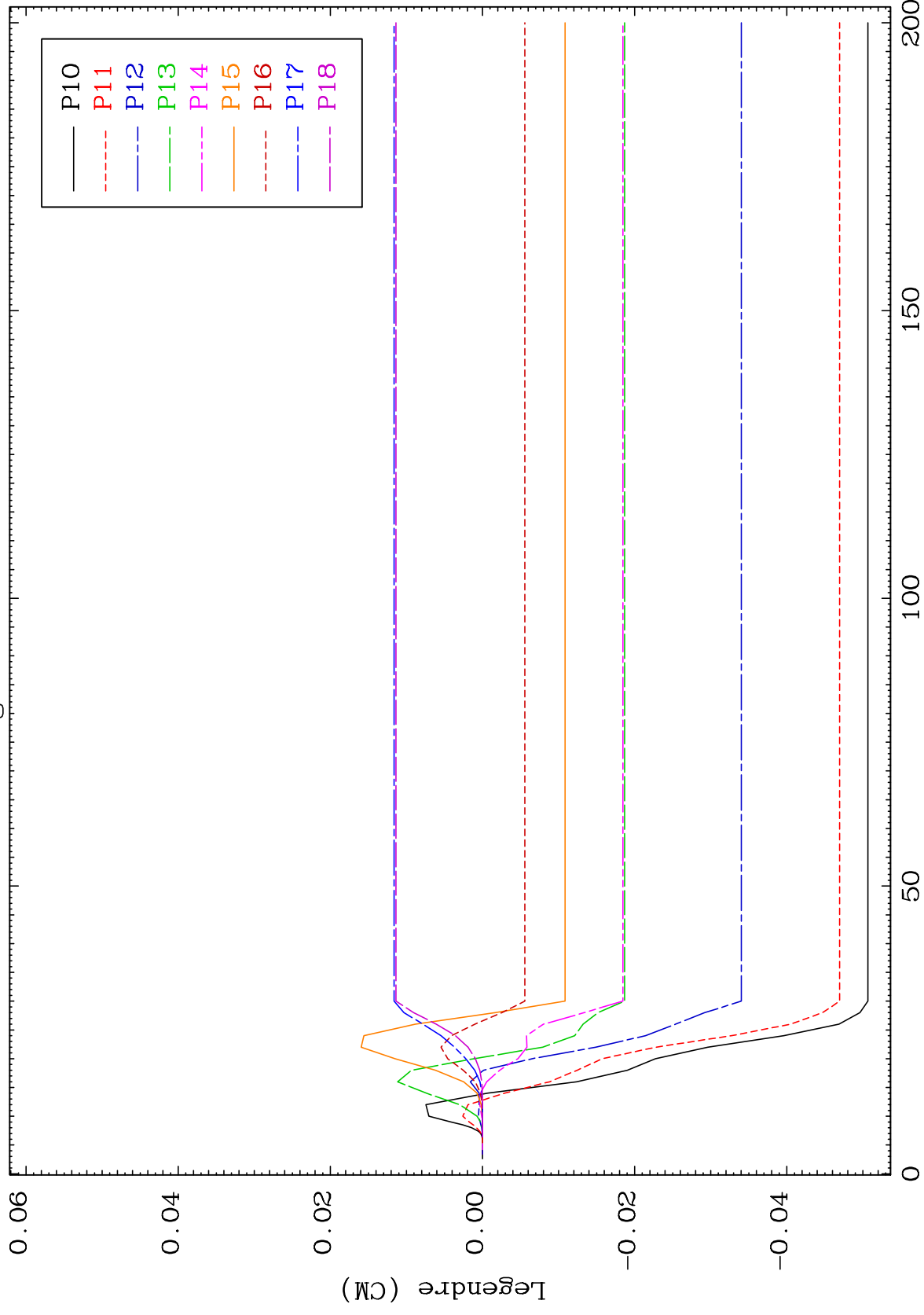
52-Te-128



MAT 5249

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

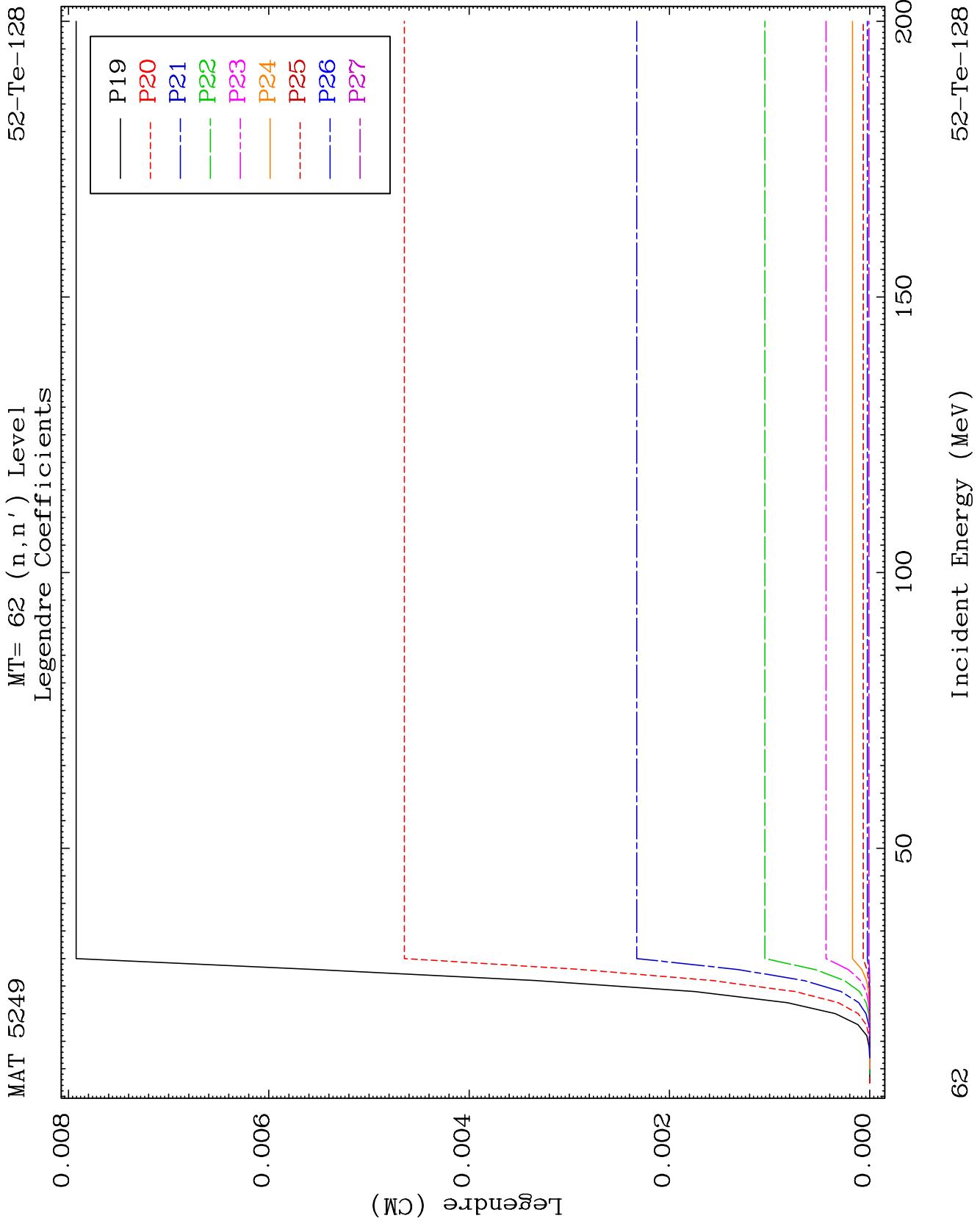
52-Te-128



61

Incident Energy (MeV)

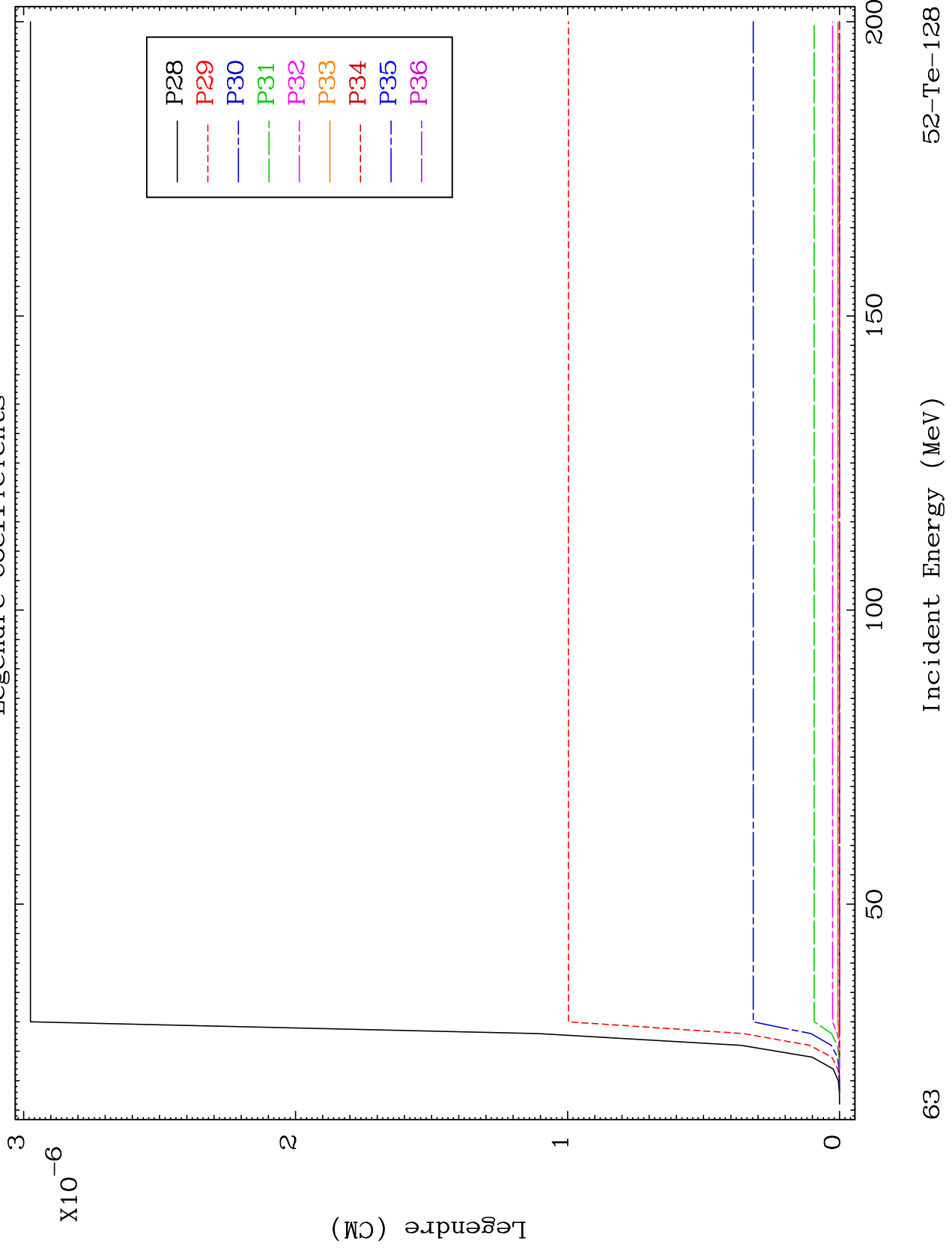
52-Te-128



MAT 5249

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

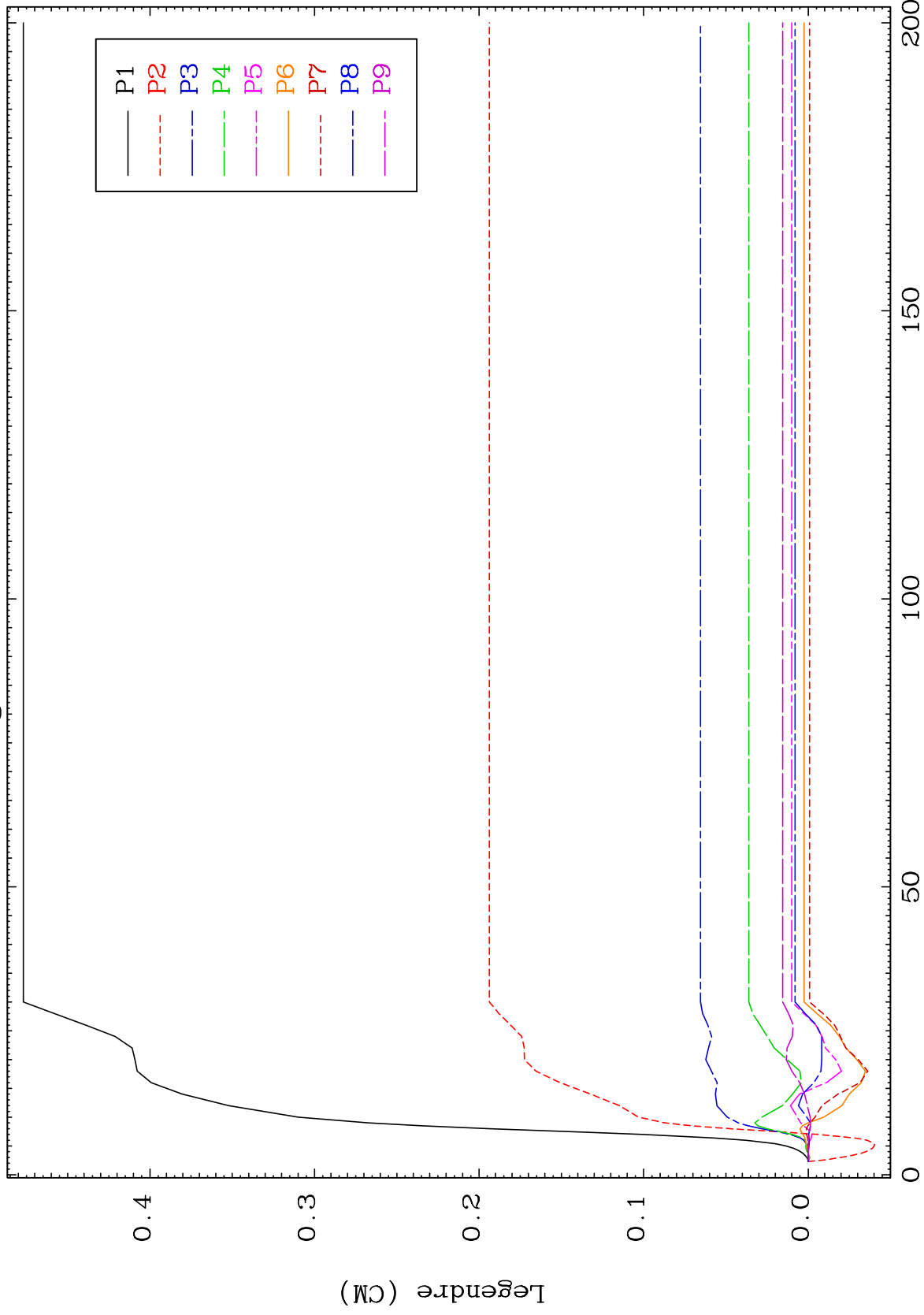
52-Te-128



MAT 5249

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

52-Te-128



64

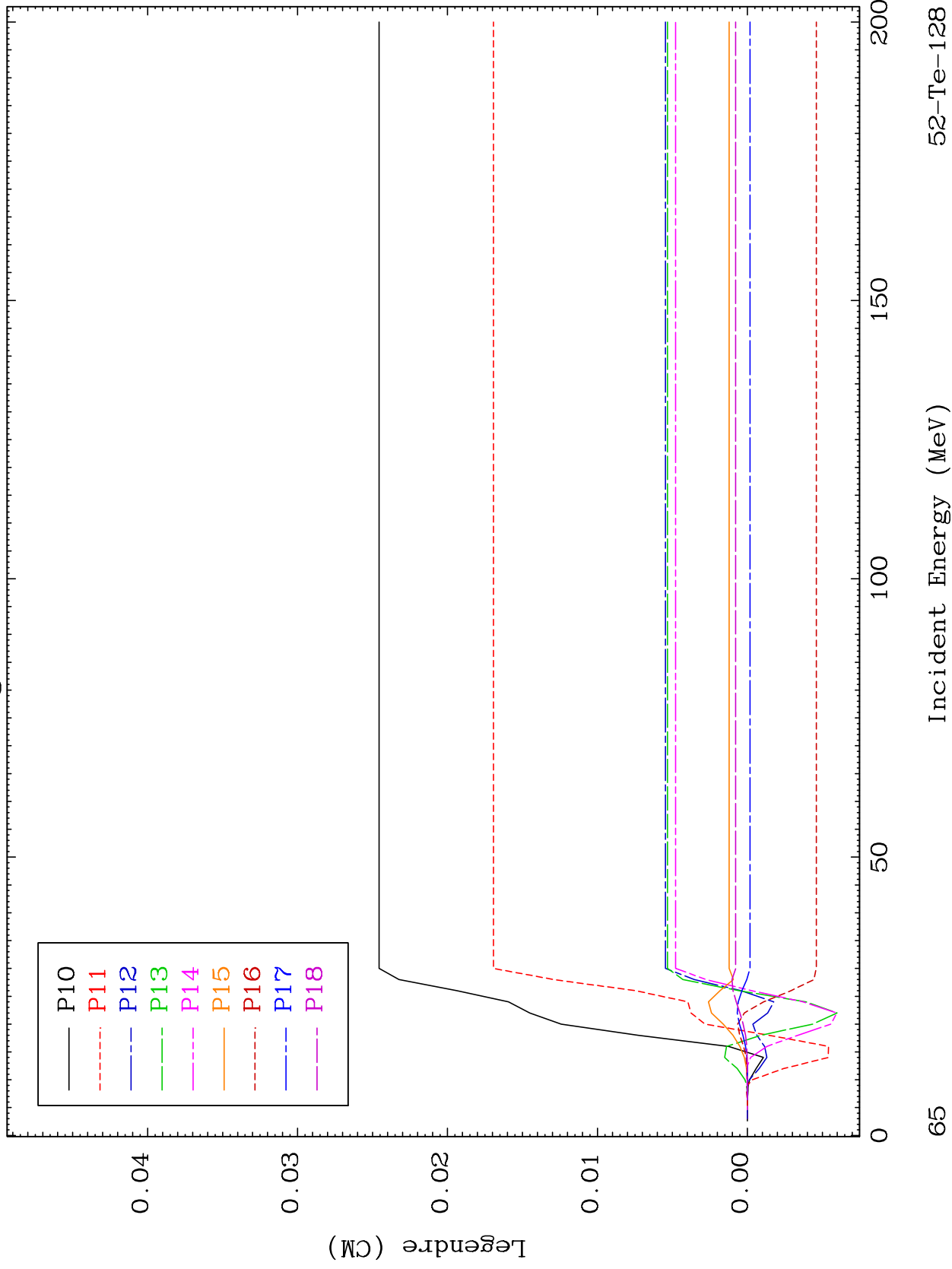
Incident Energy (MeV)

52-Te-128

MAT 5249

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

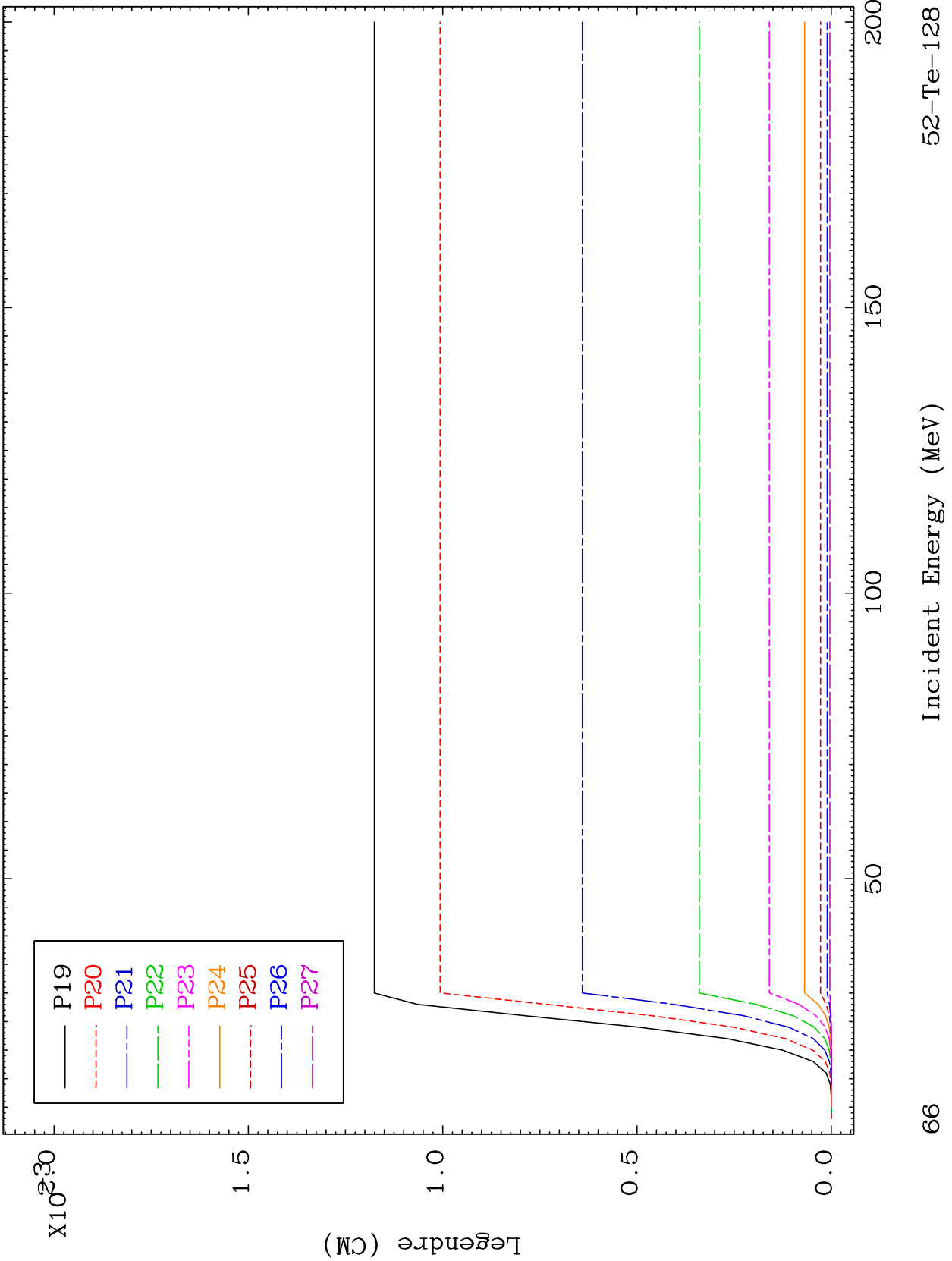
52-Te-128



52-Te-128

Incident Energy (MeV)

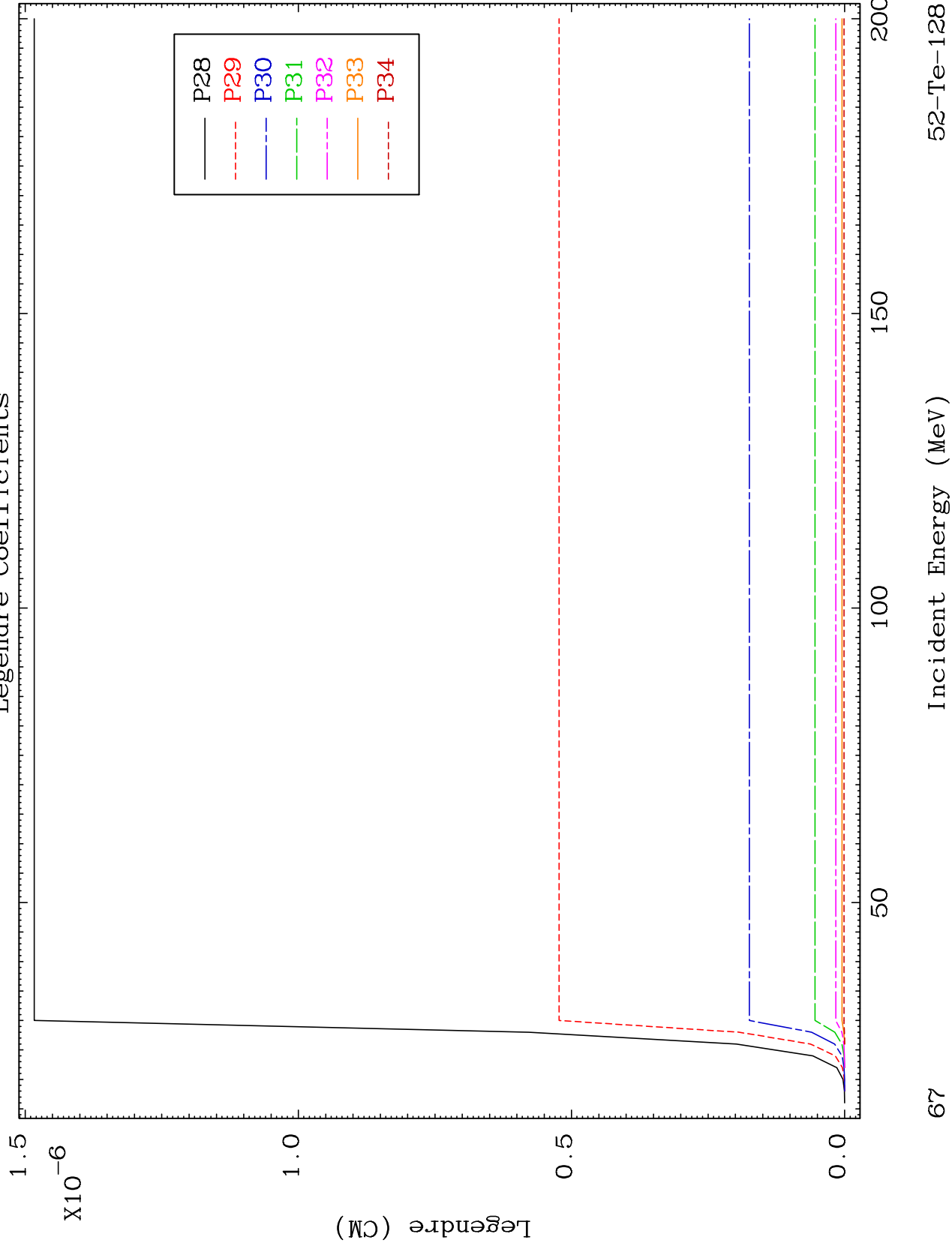
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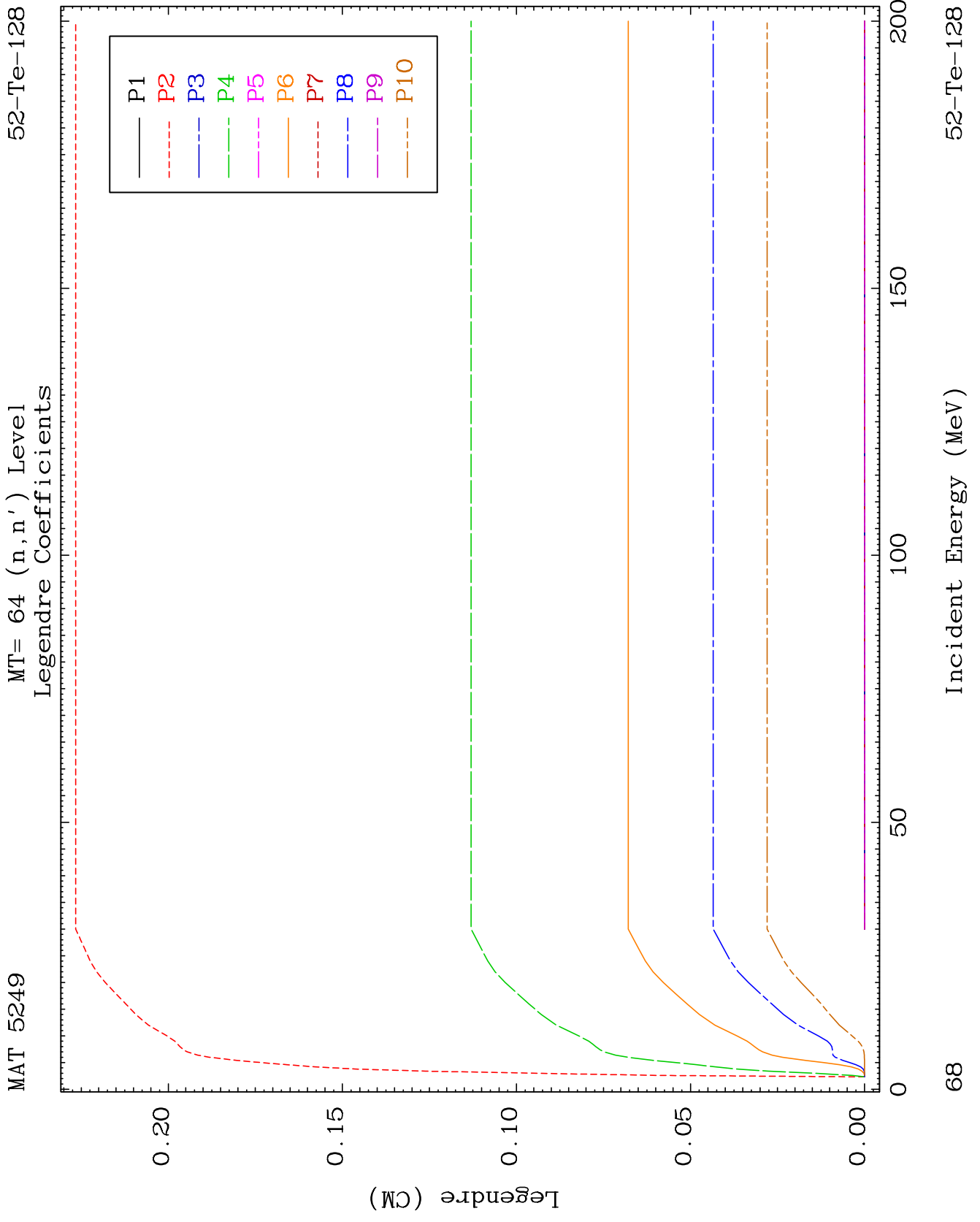


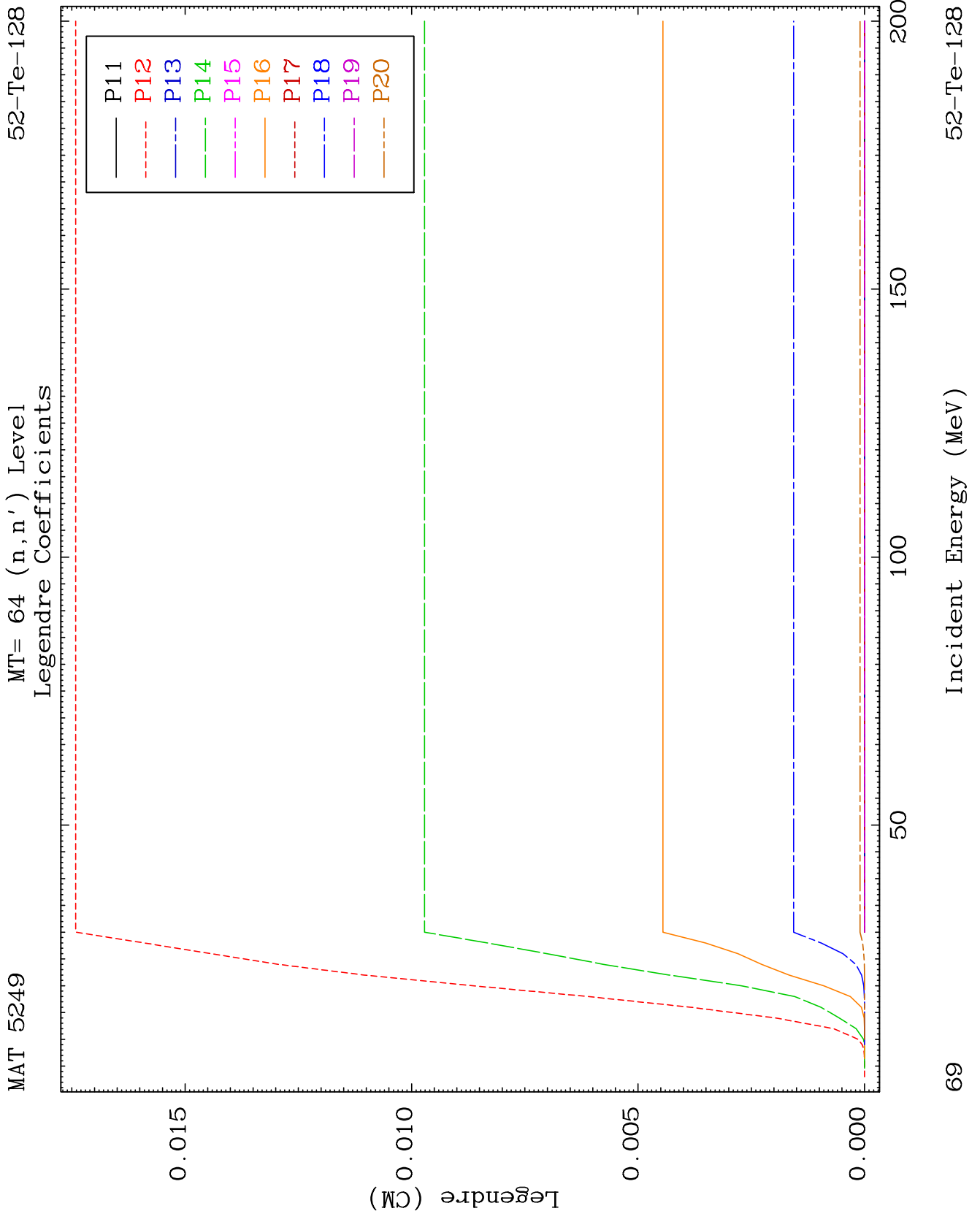
MAT 5249

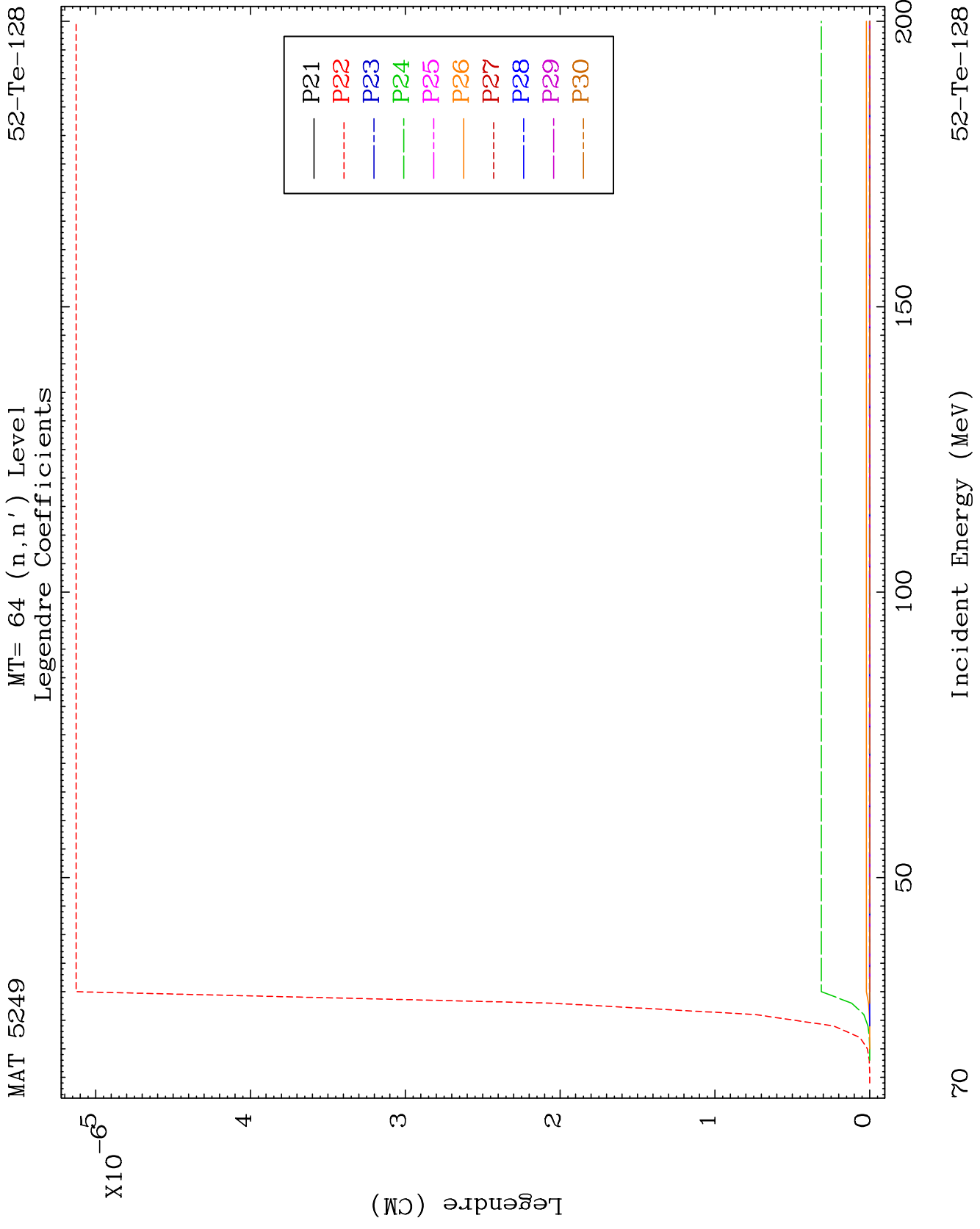
MT= 63 (n,n') Level  
Legendre Coefficients

52-Te-128





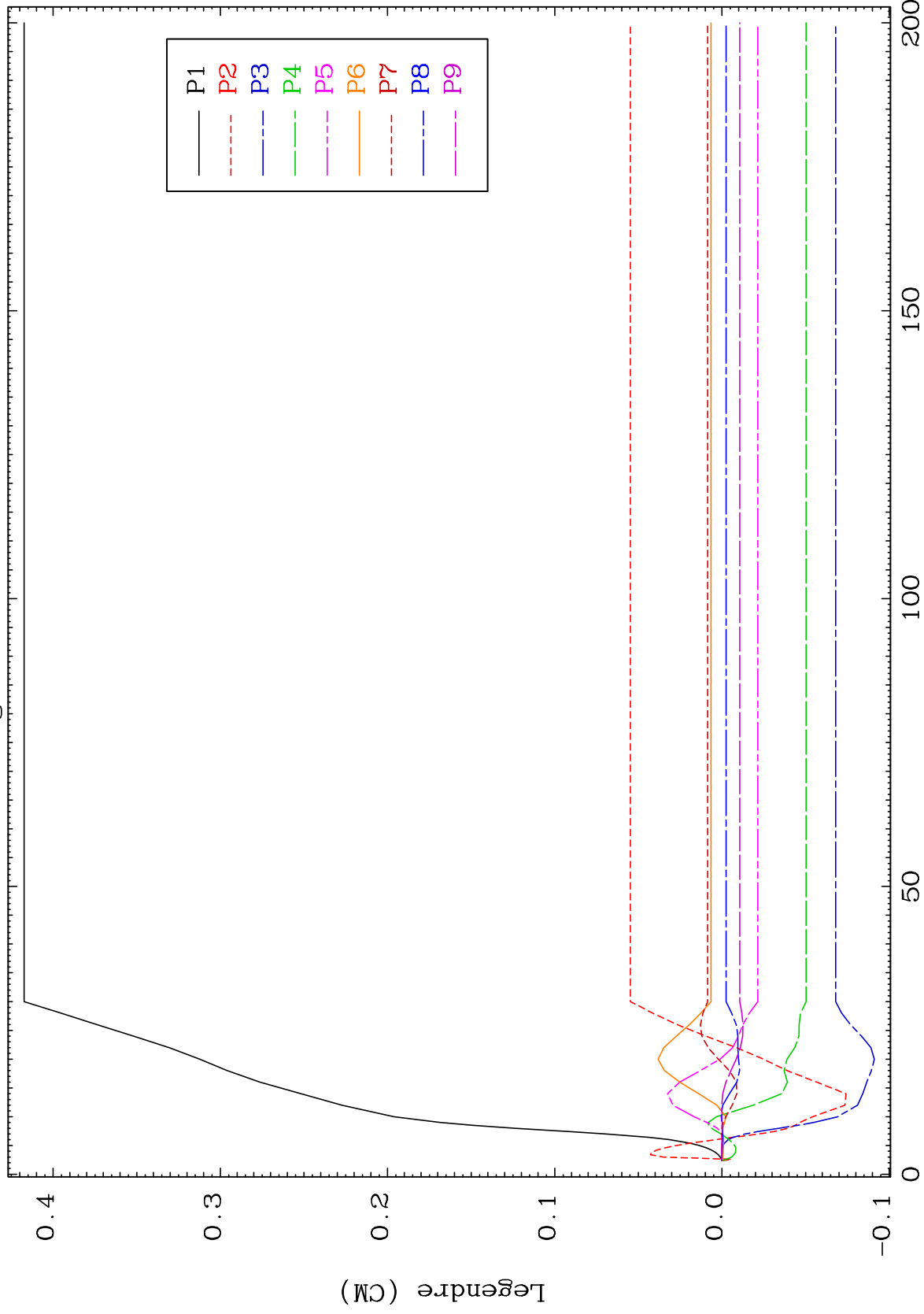




MAT 5249

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

52-Te-128



71

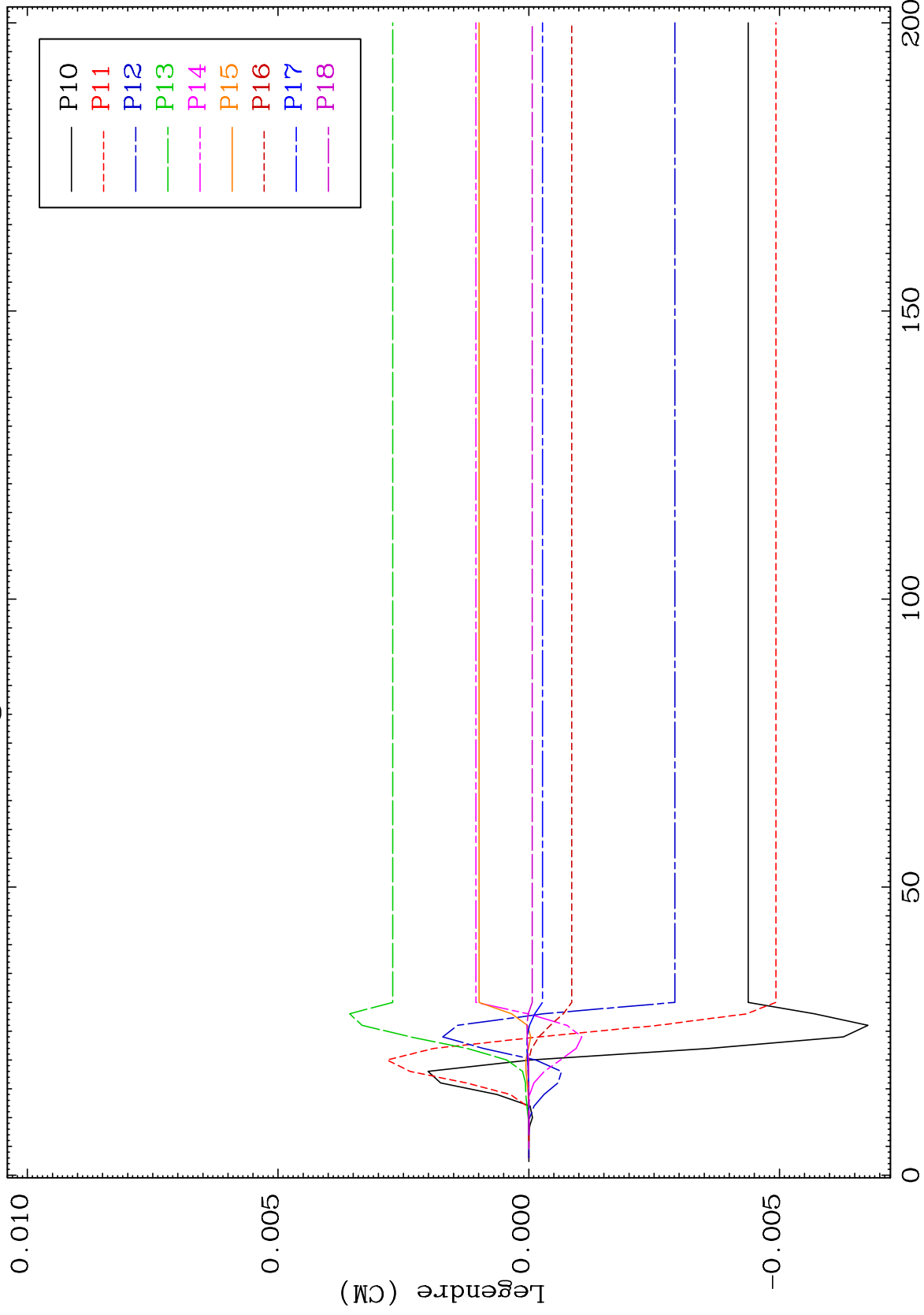
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



72

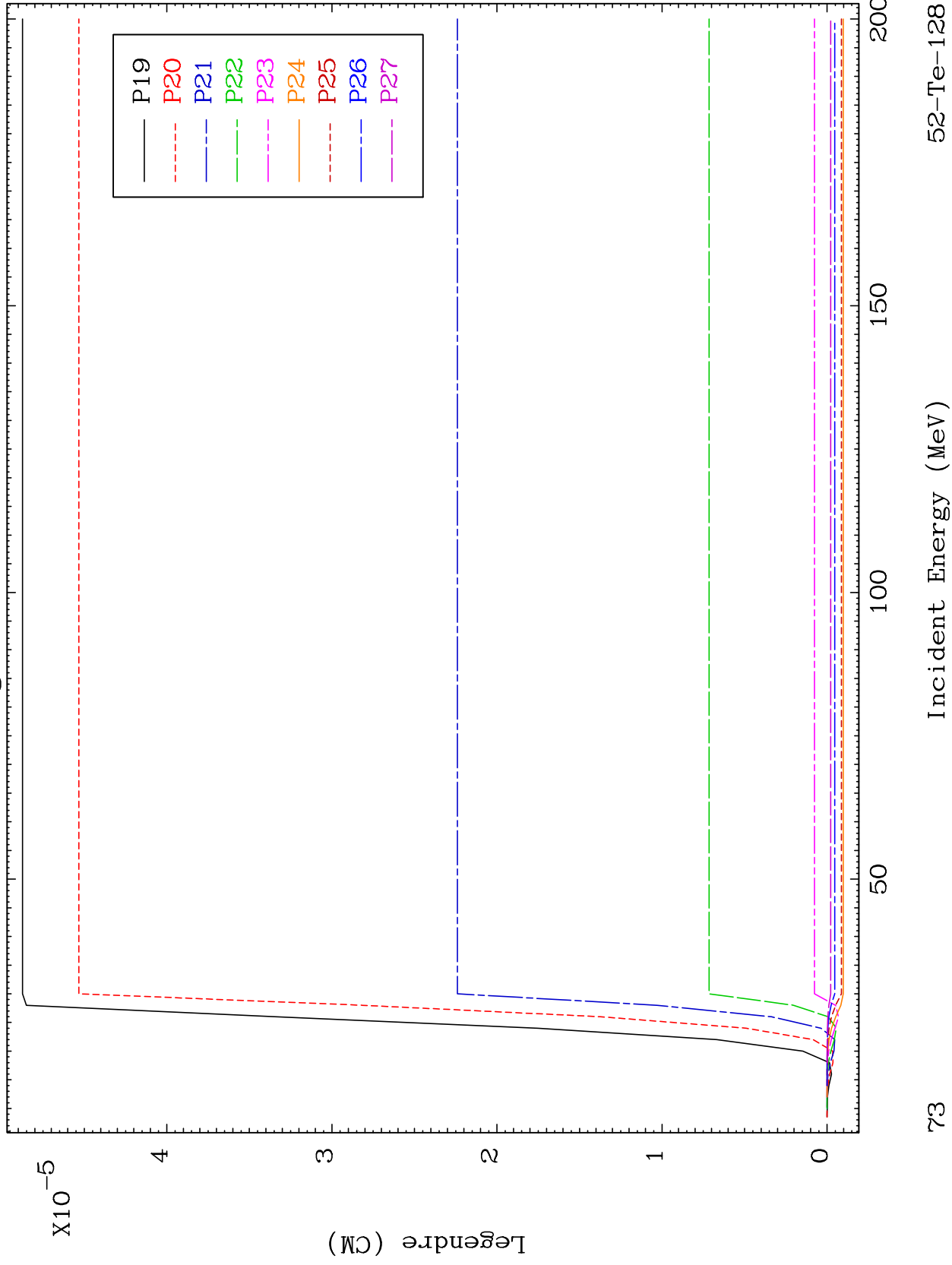
Incident Energy (MeV)

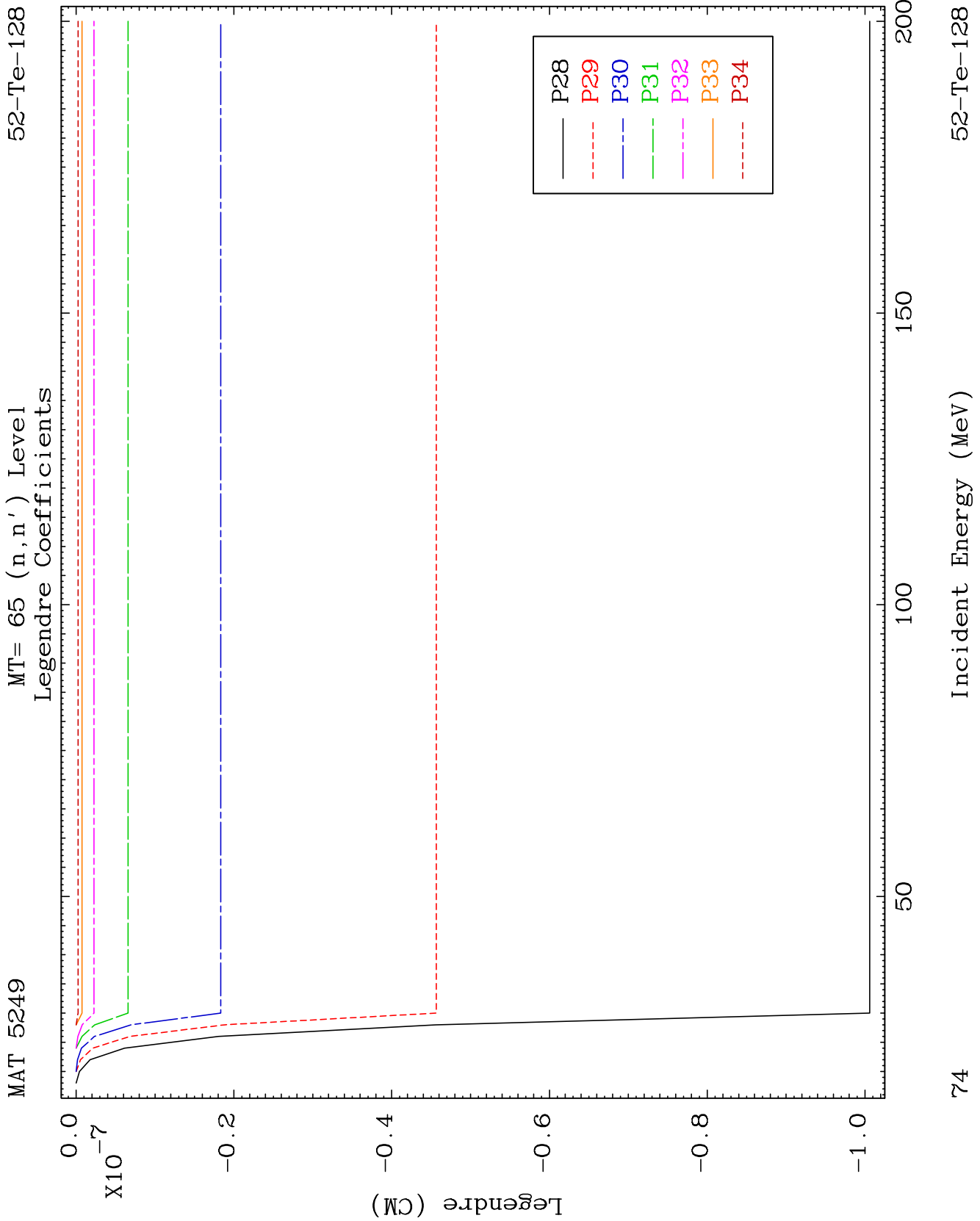
52-Te-128

MAT 5249

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

52-Te-128

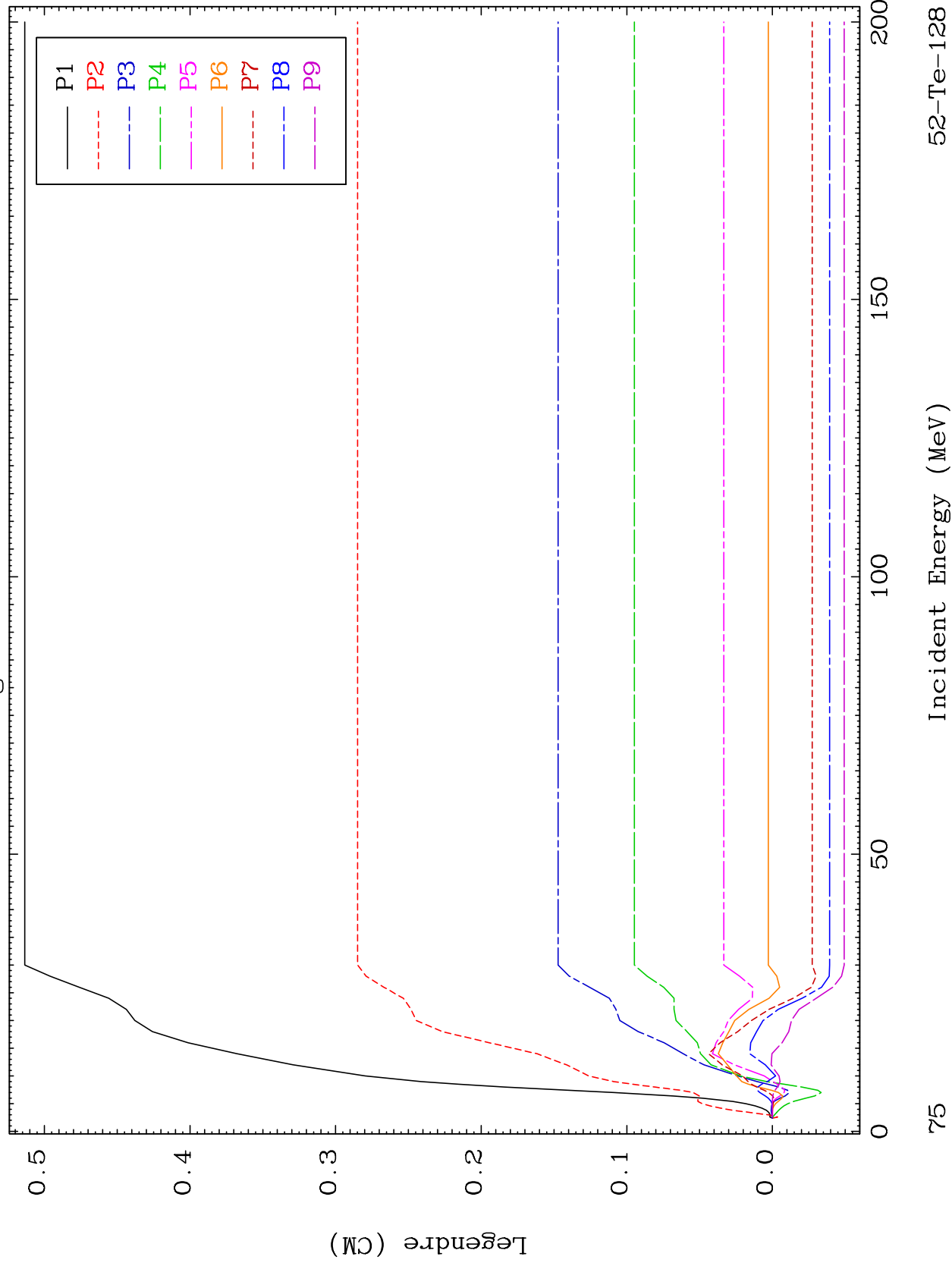




MAT 5249

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

52-Te-128

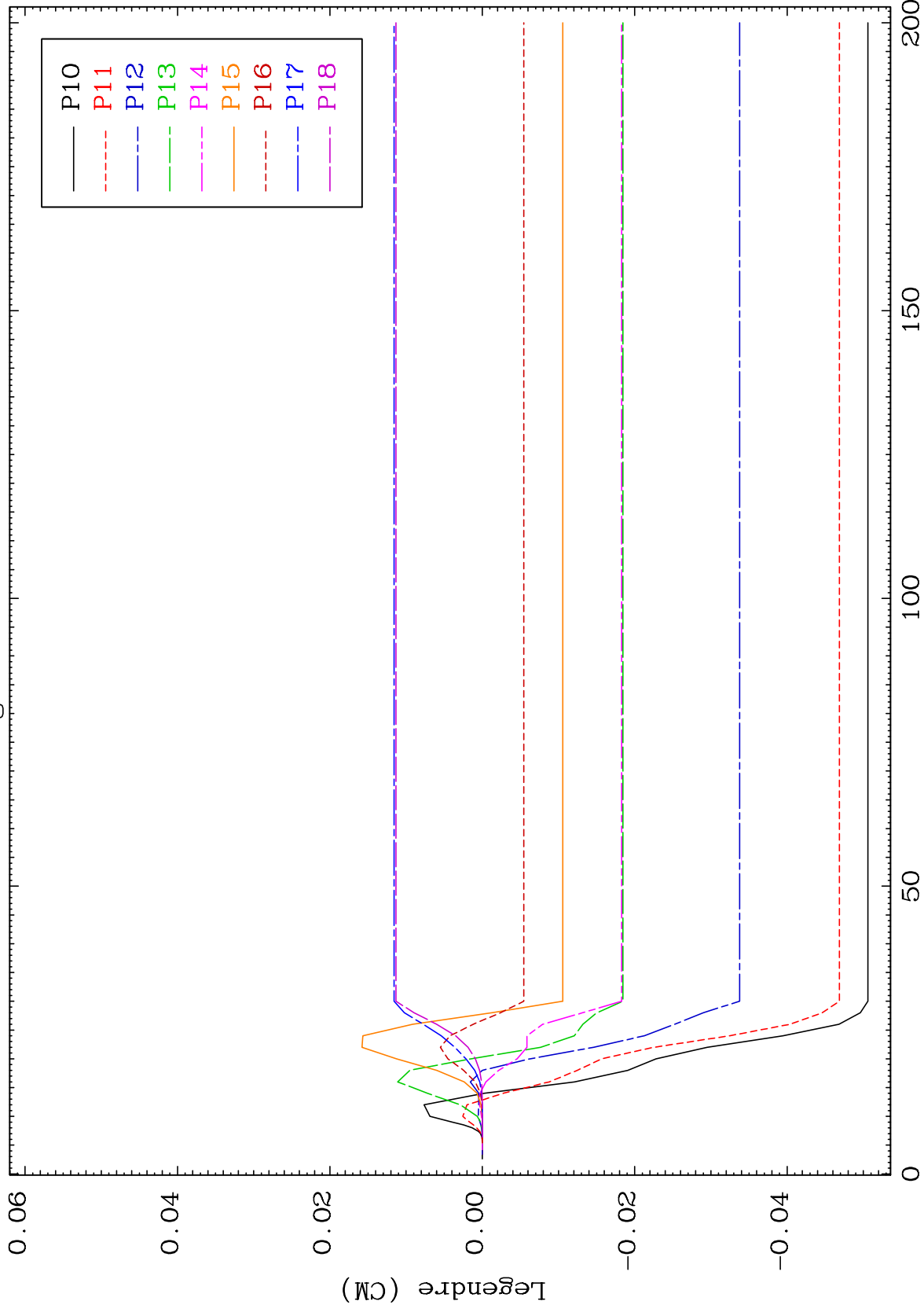


75

MAT 5249

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

52-Te-128



76

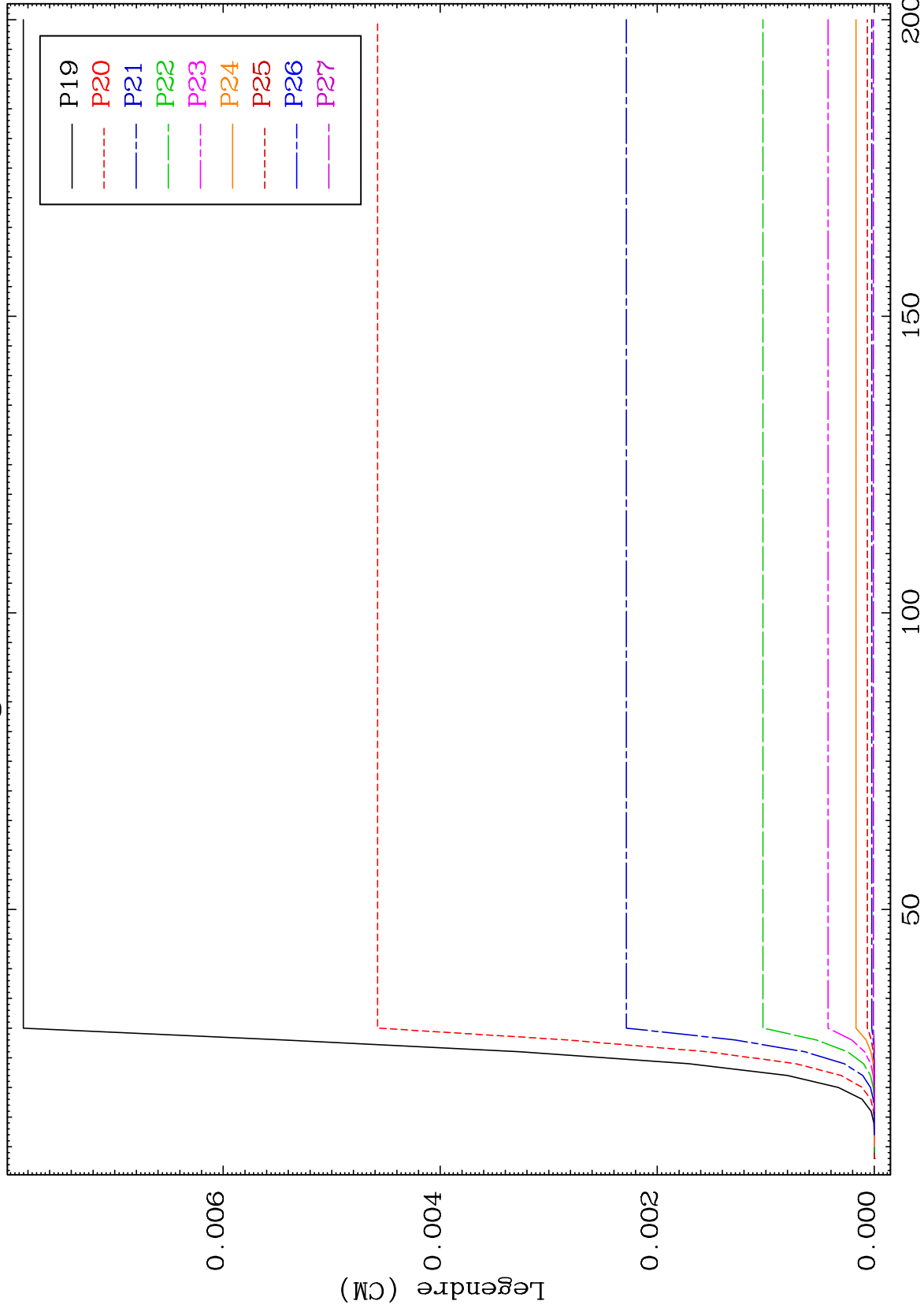
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



77

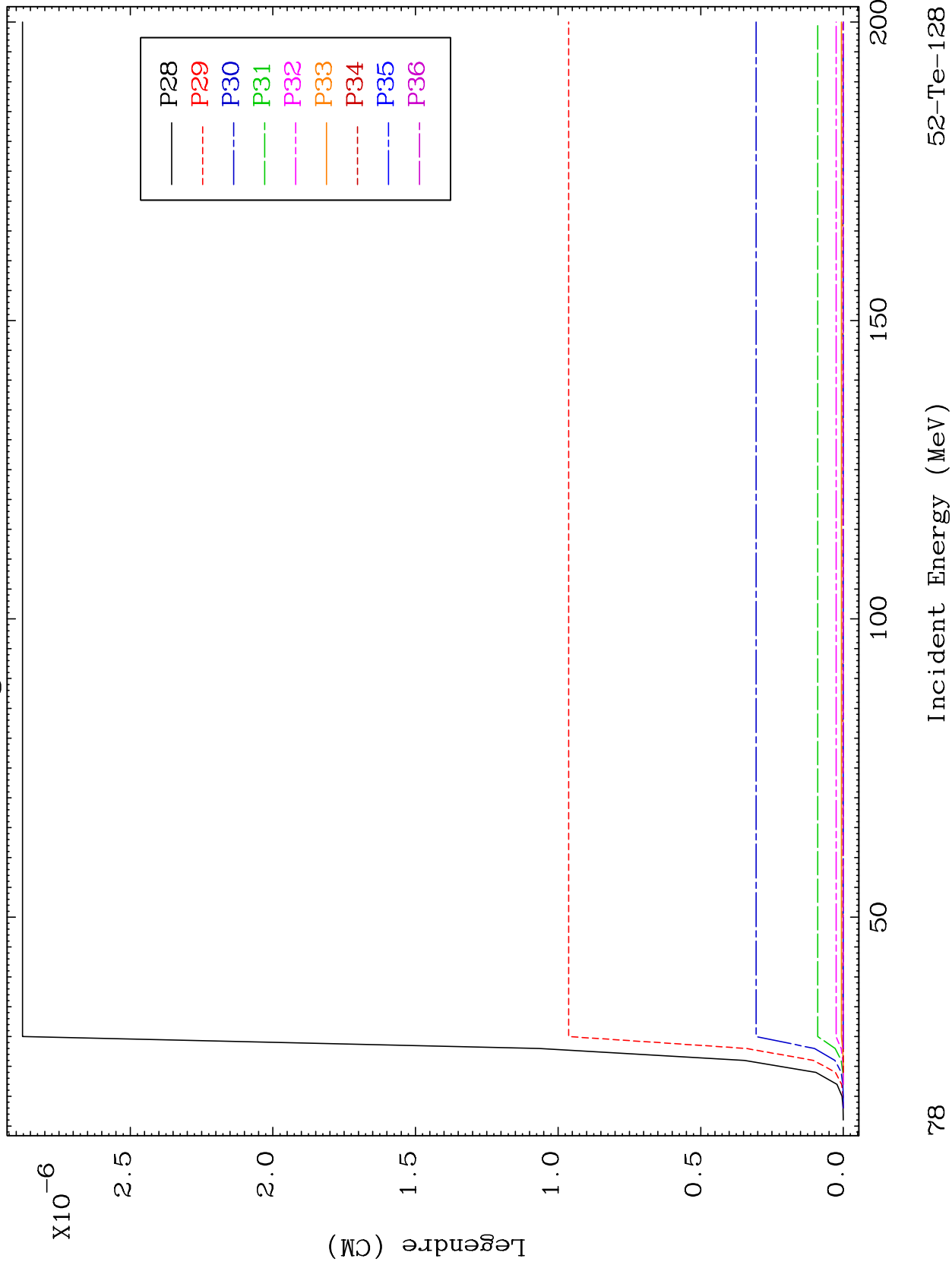
Incident Energy (MeV)

52-Te-128

MAT 5249

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

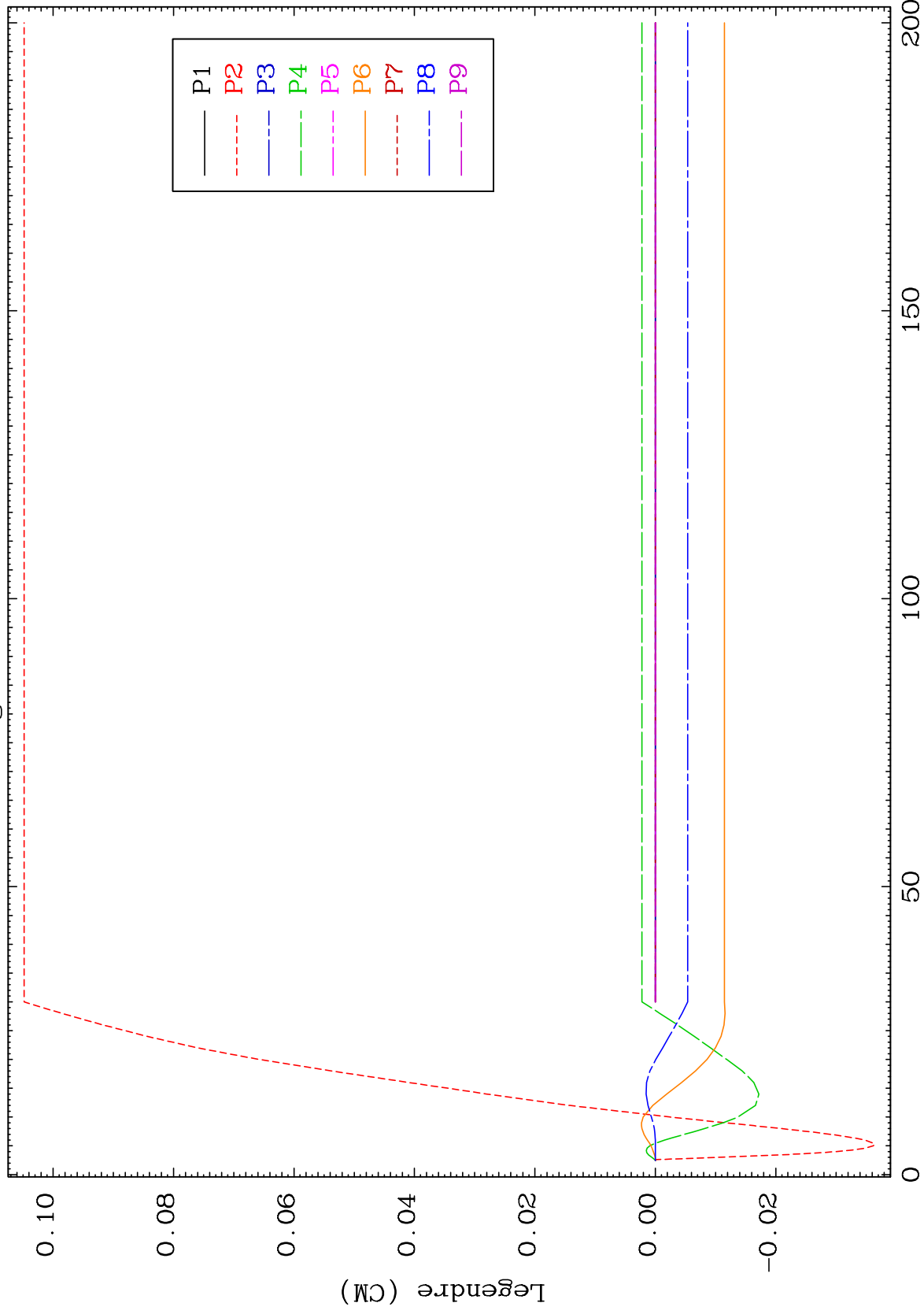
52-Te-128



MAT 5249

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

52-Te-128



79

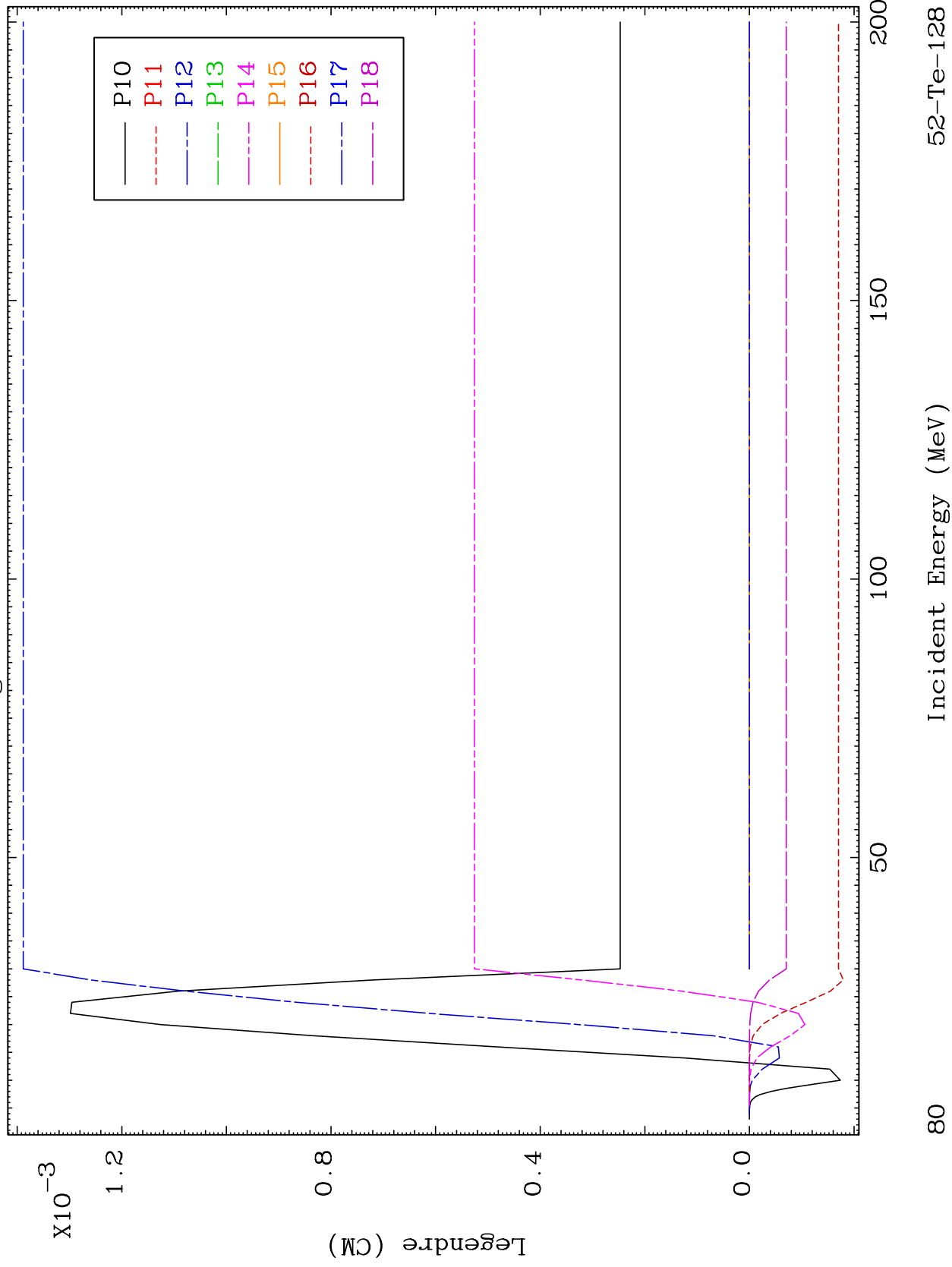
Incident Energy (MeV)

52-Te-128

MAT 5249

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

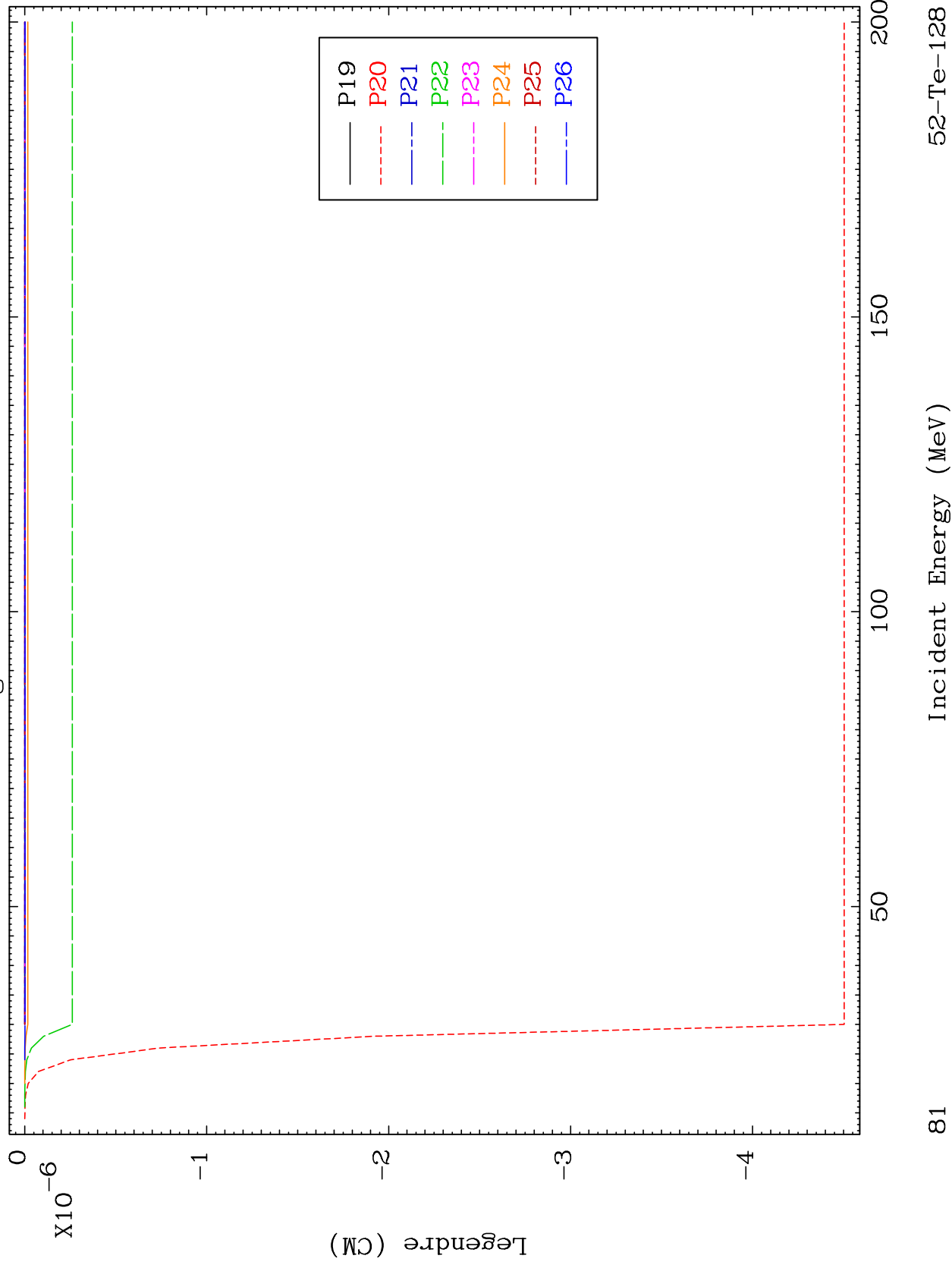
52-Te-128



MAT 5249

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

52-Te-128



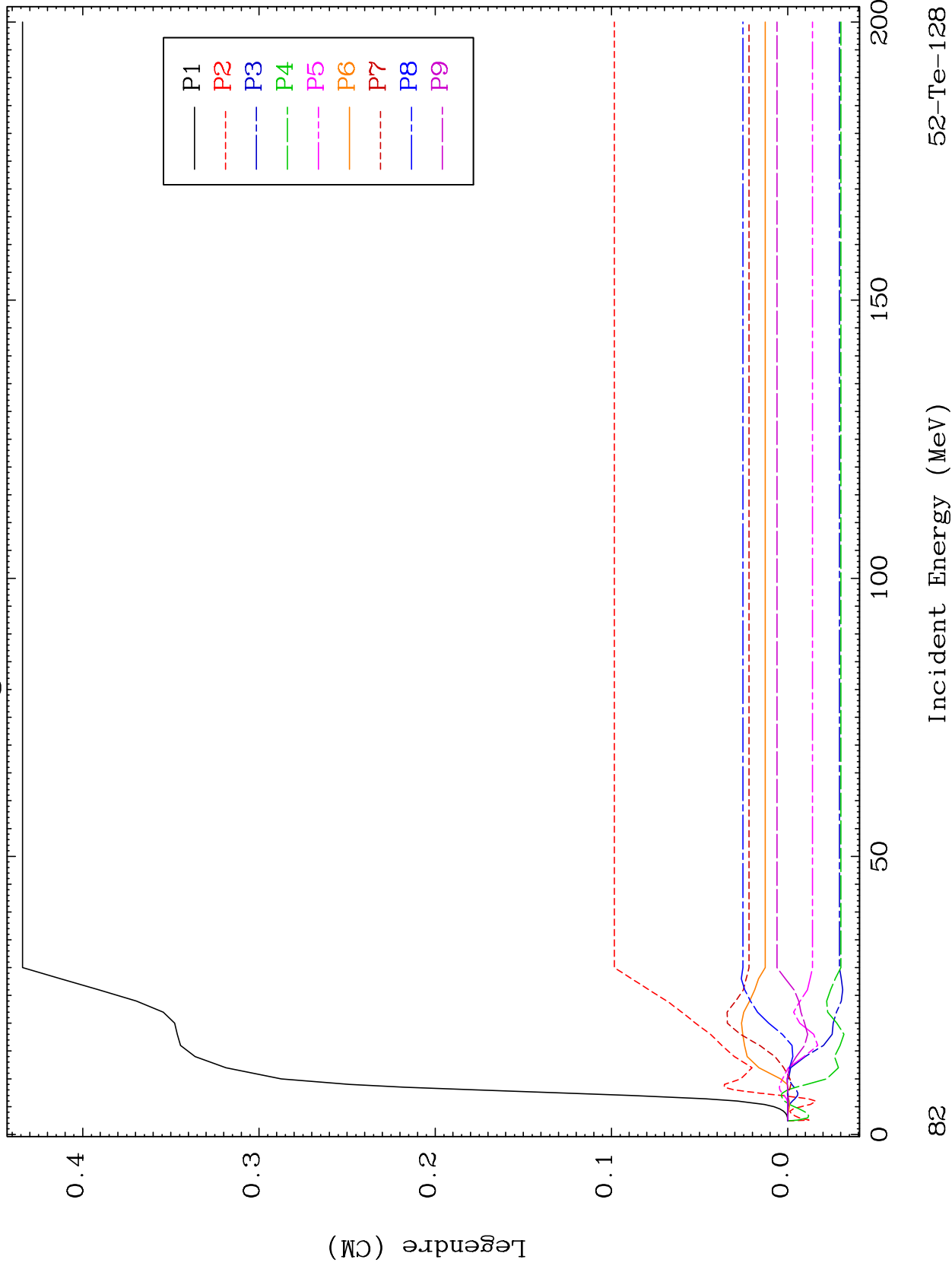
81

52-Te-128

MAT 5249

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

52-Te-128



52-Te-128

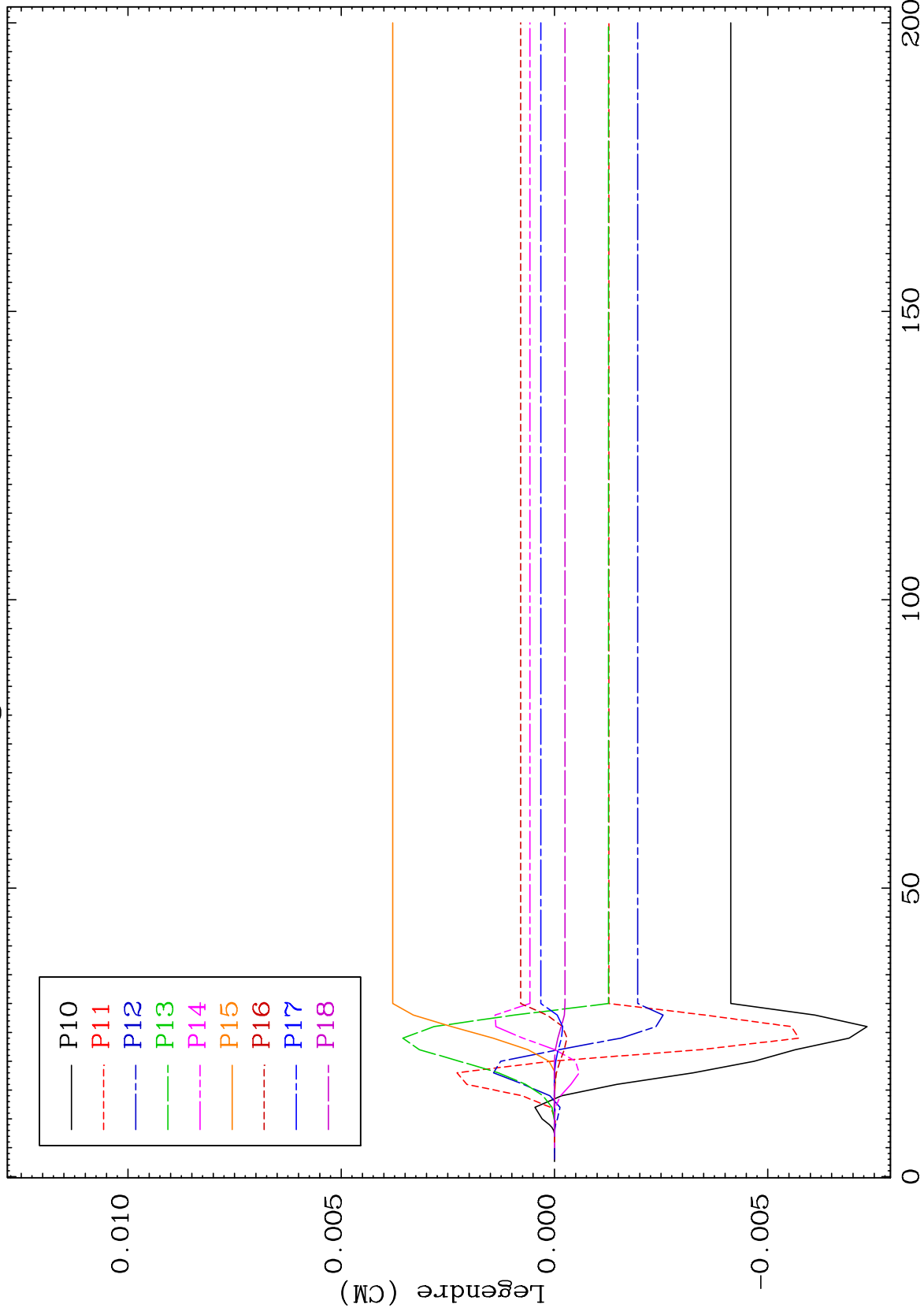
Incident Energy (MeV)

82

MAT 5249

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

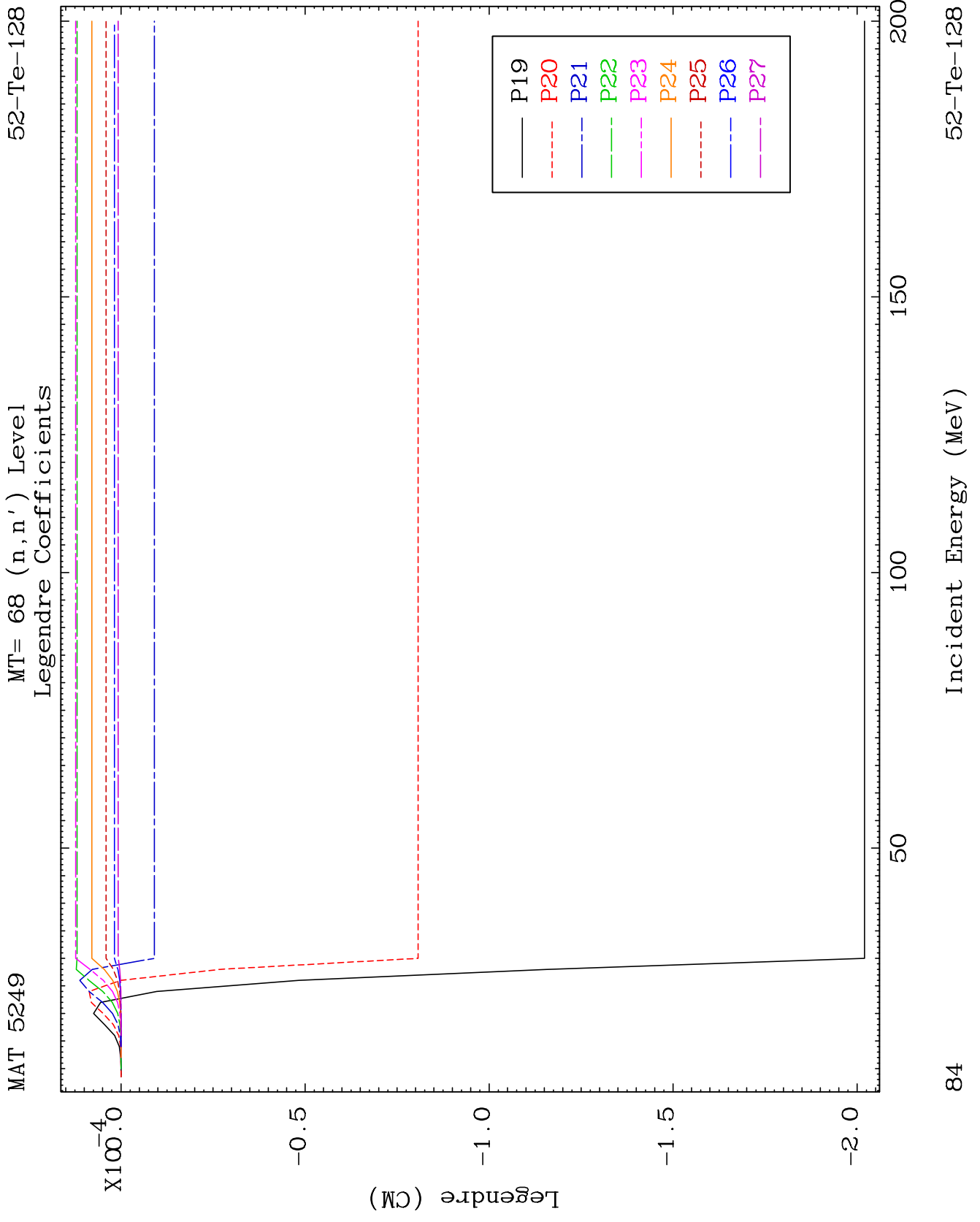
52-Te-128



83

Incident Energy (MeV)

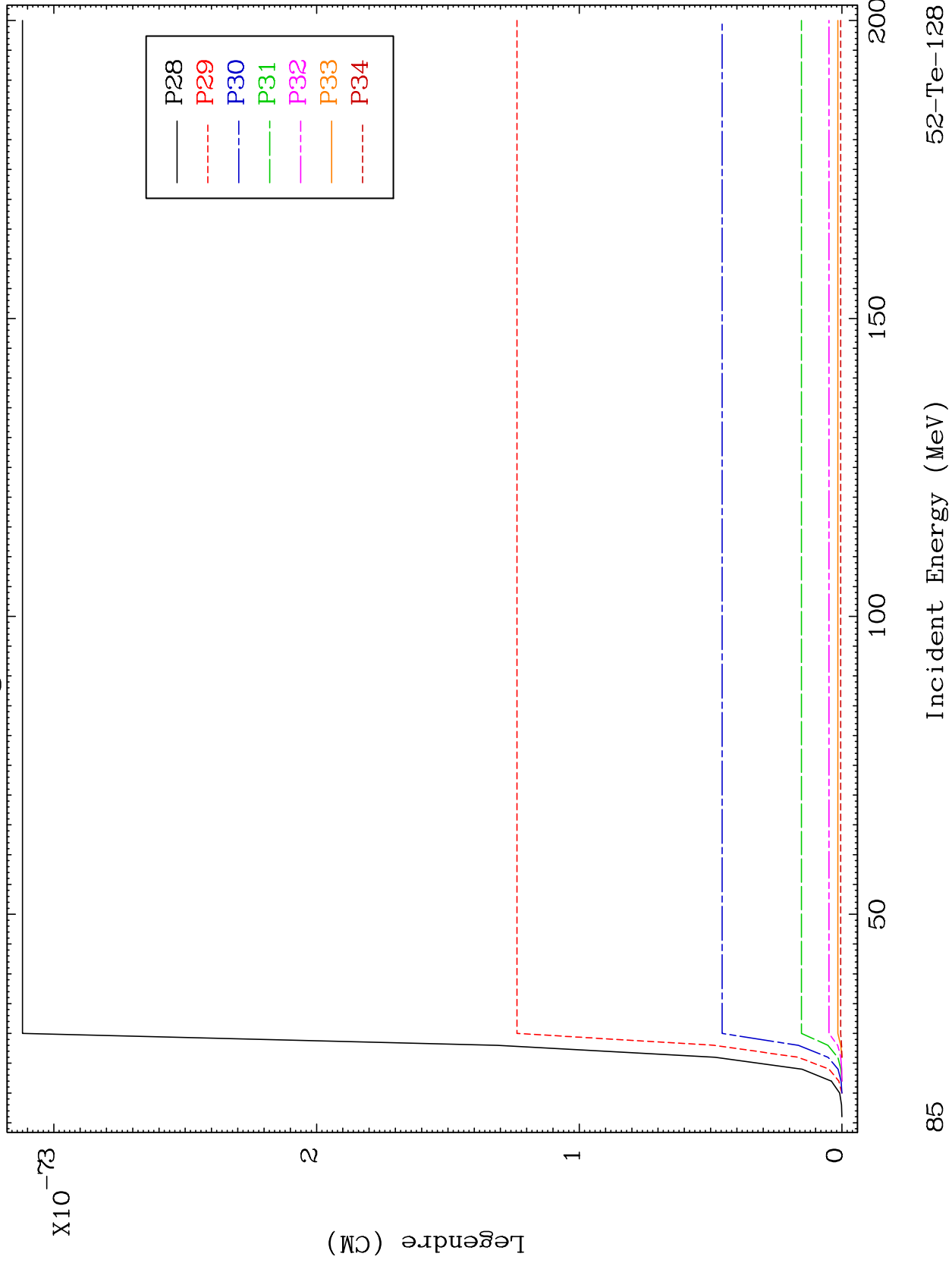
52-Te-128

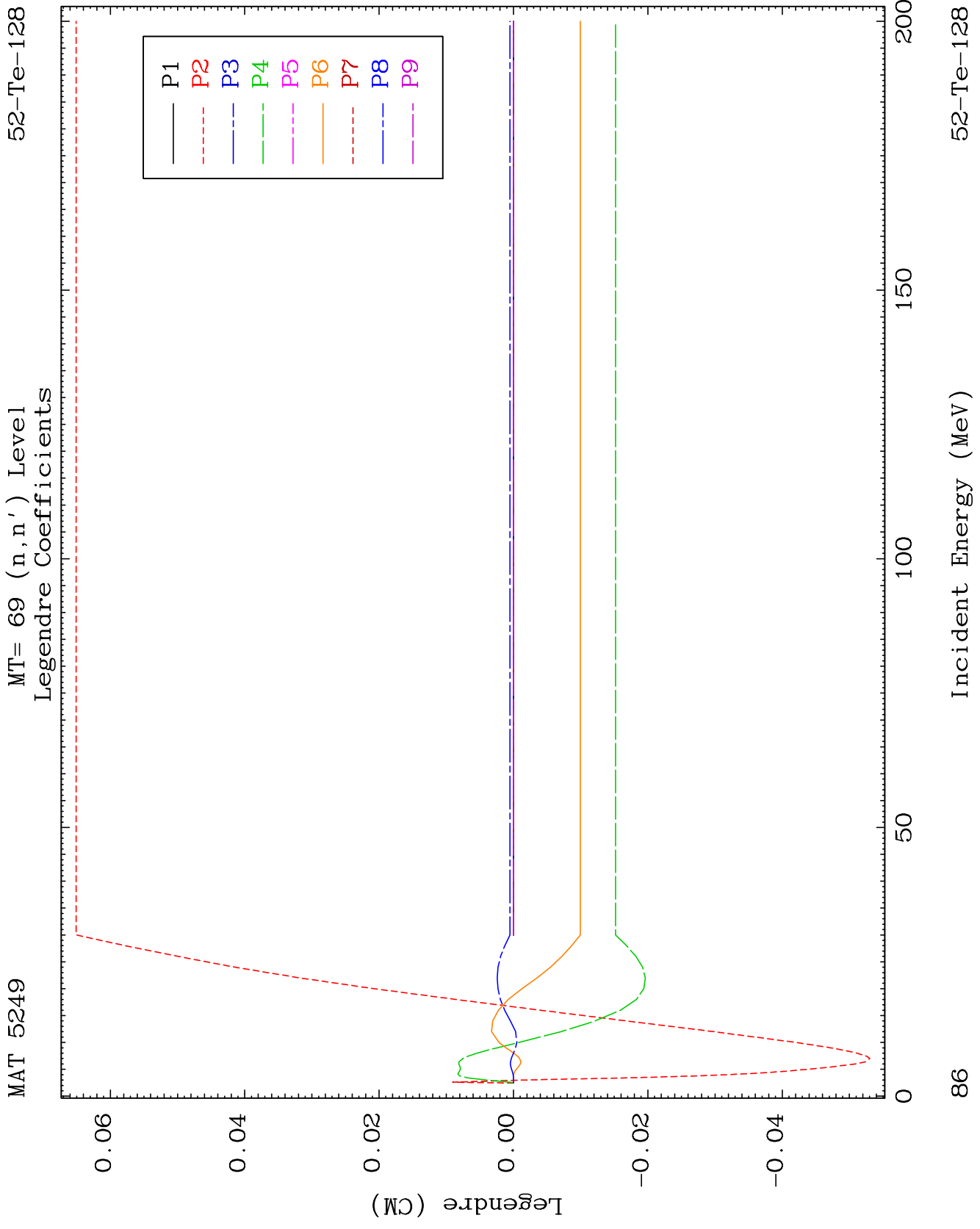


MAT 5249

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

52-Te-128

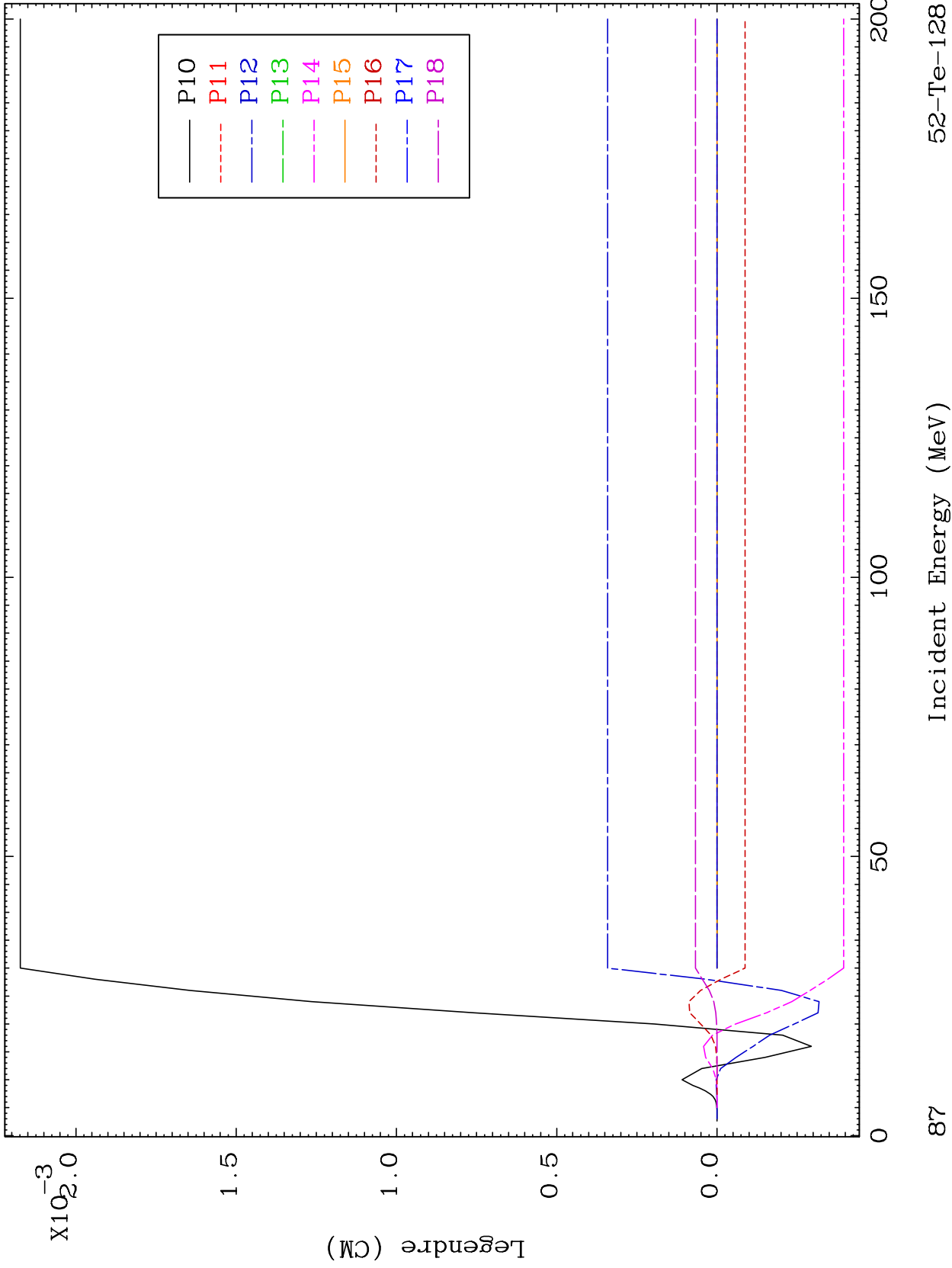




MAT 5249

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

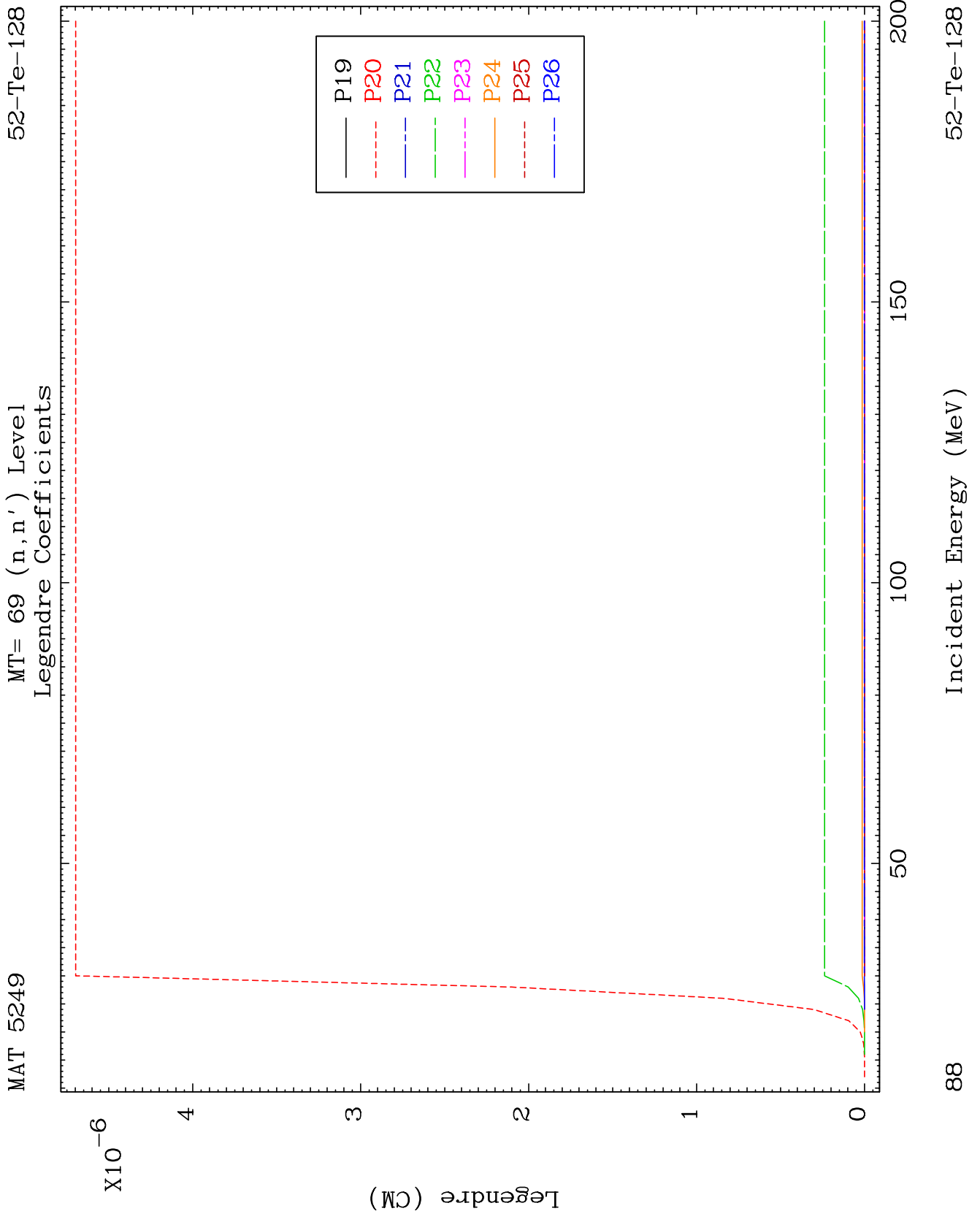
52-Te-128



87

Incident Energy (MeV)

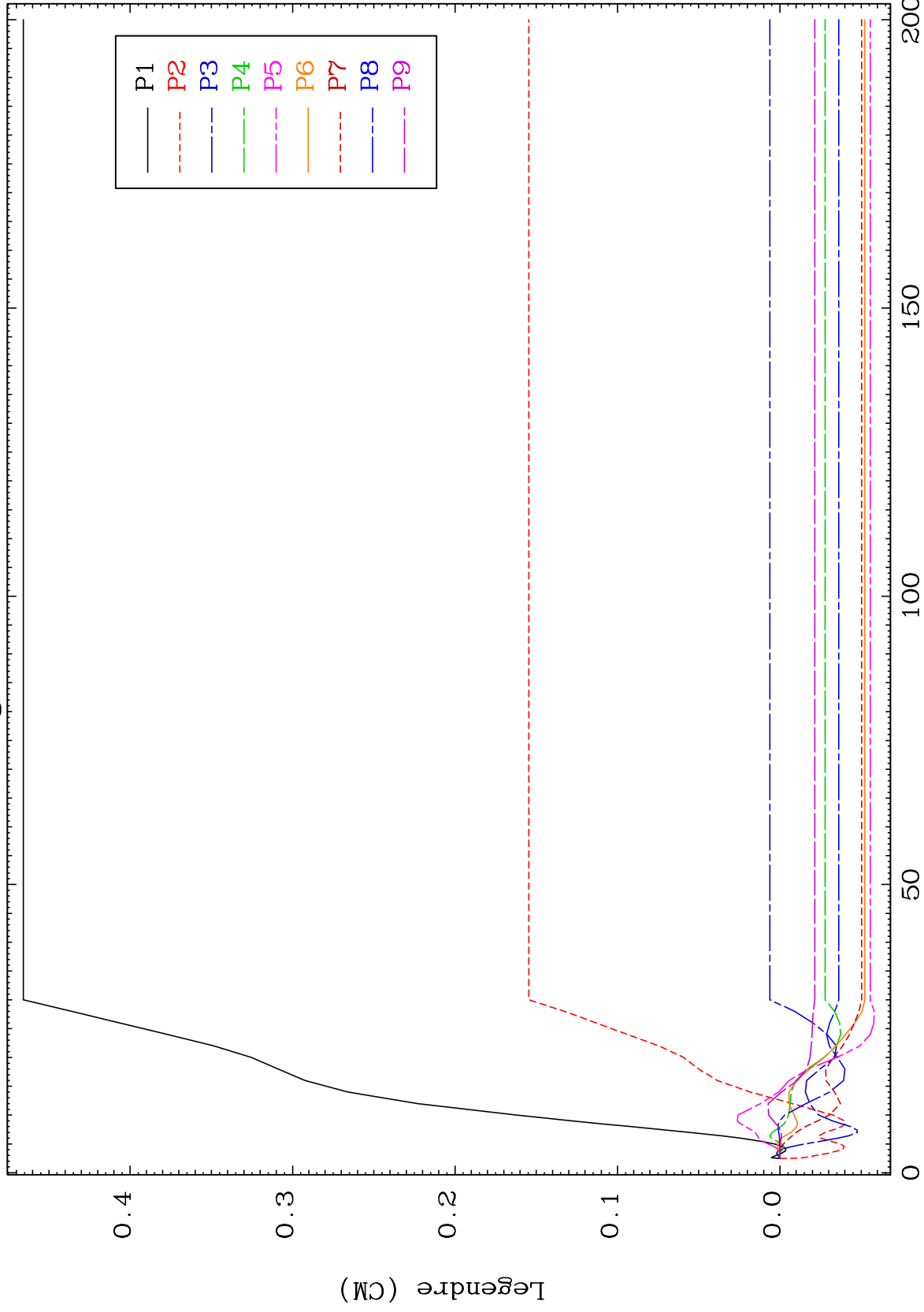
52-Te-128



MAT 5249

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

52-Te-128

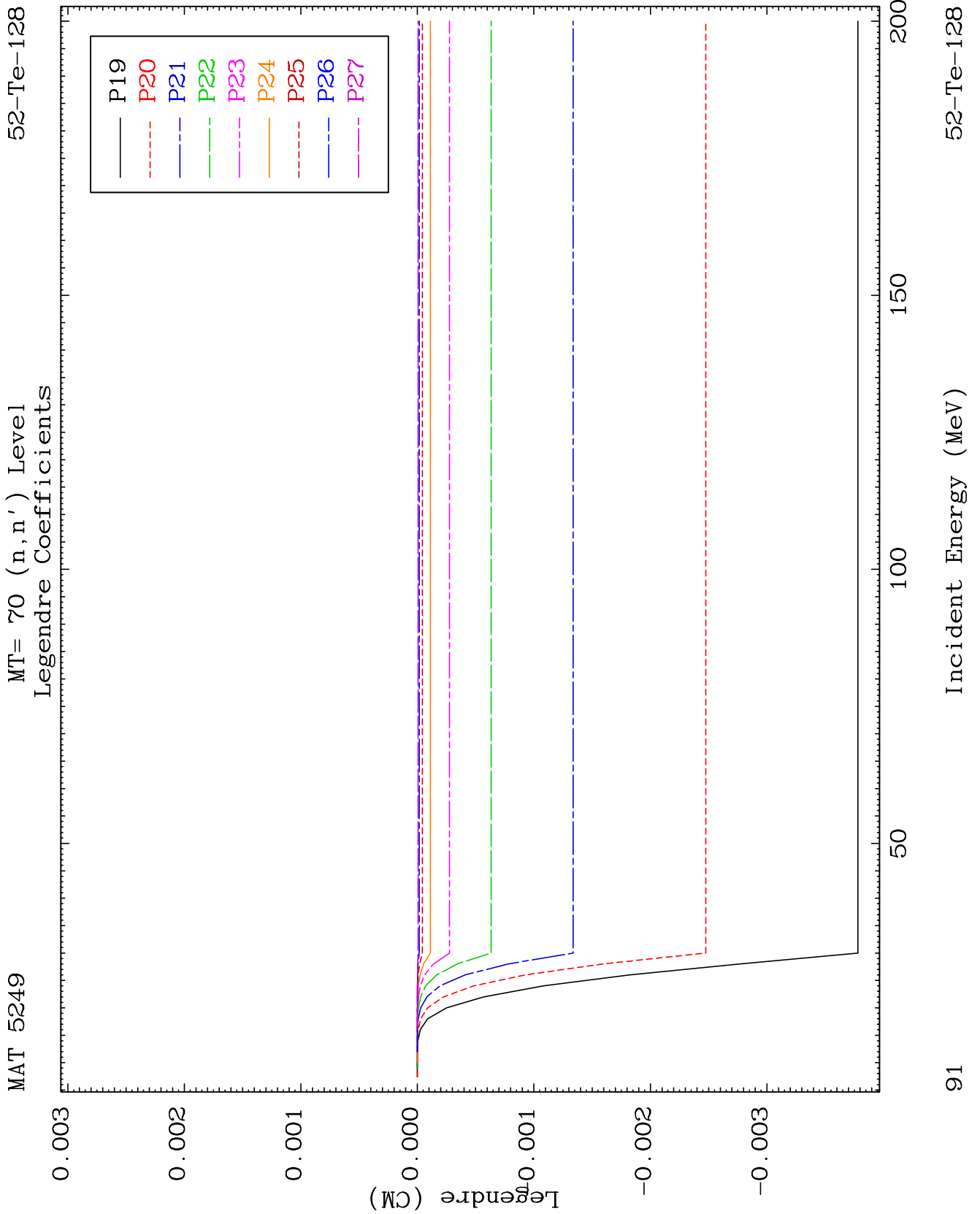


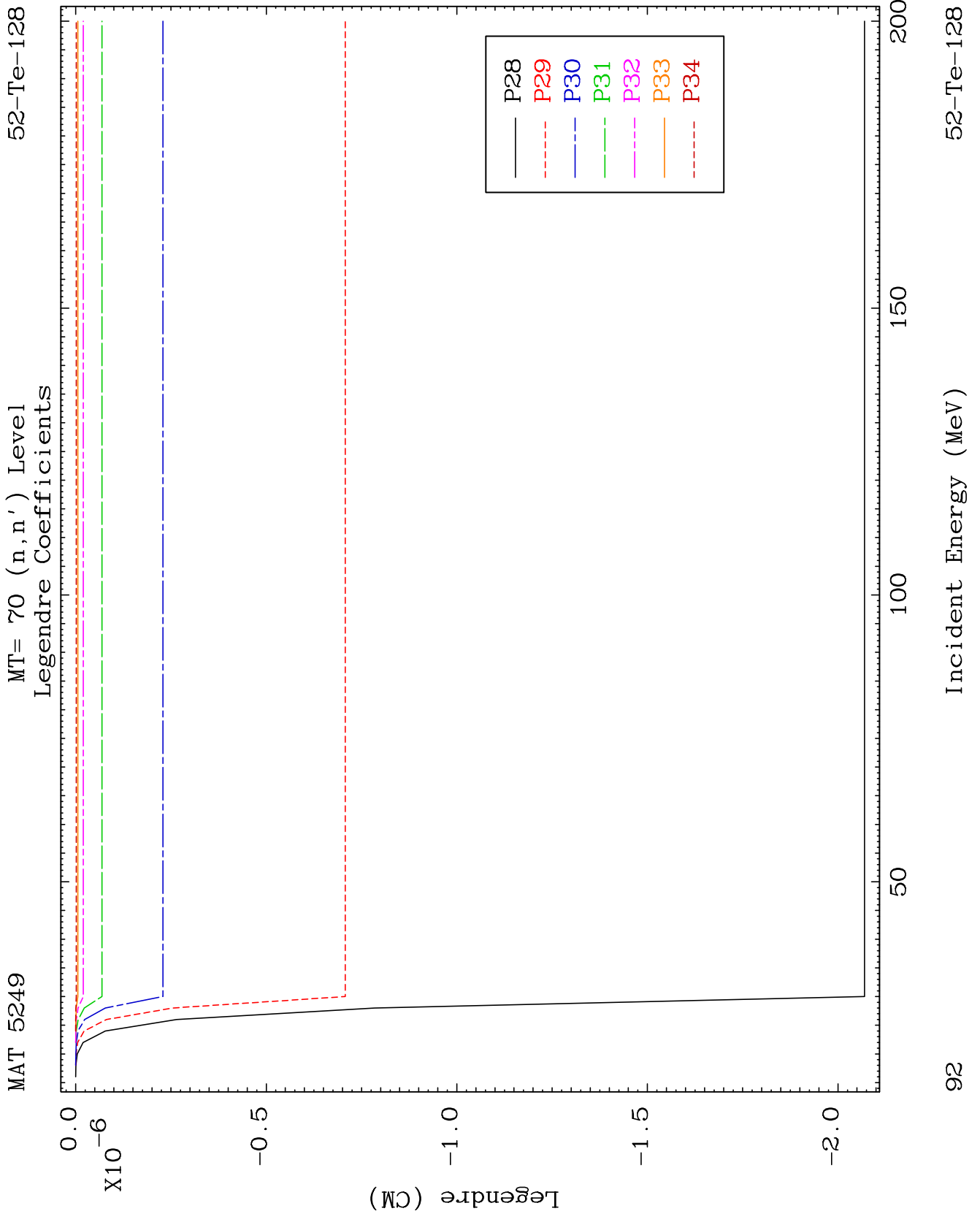
89

Incident Energy (MeV)

52-Te-128





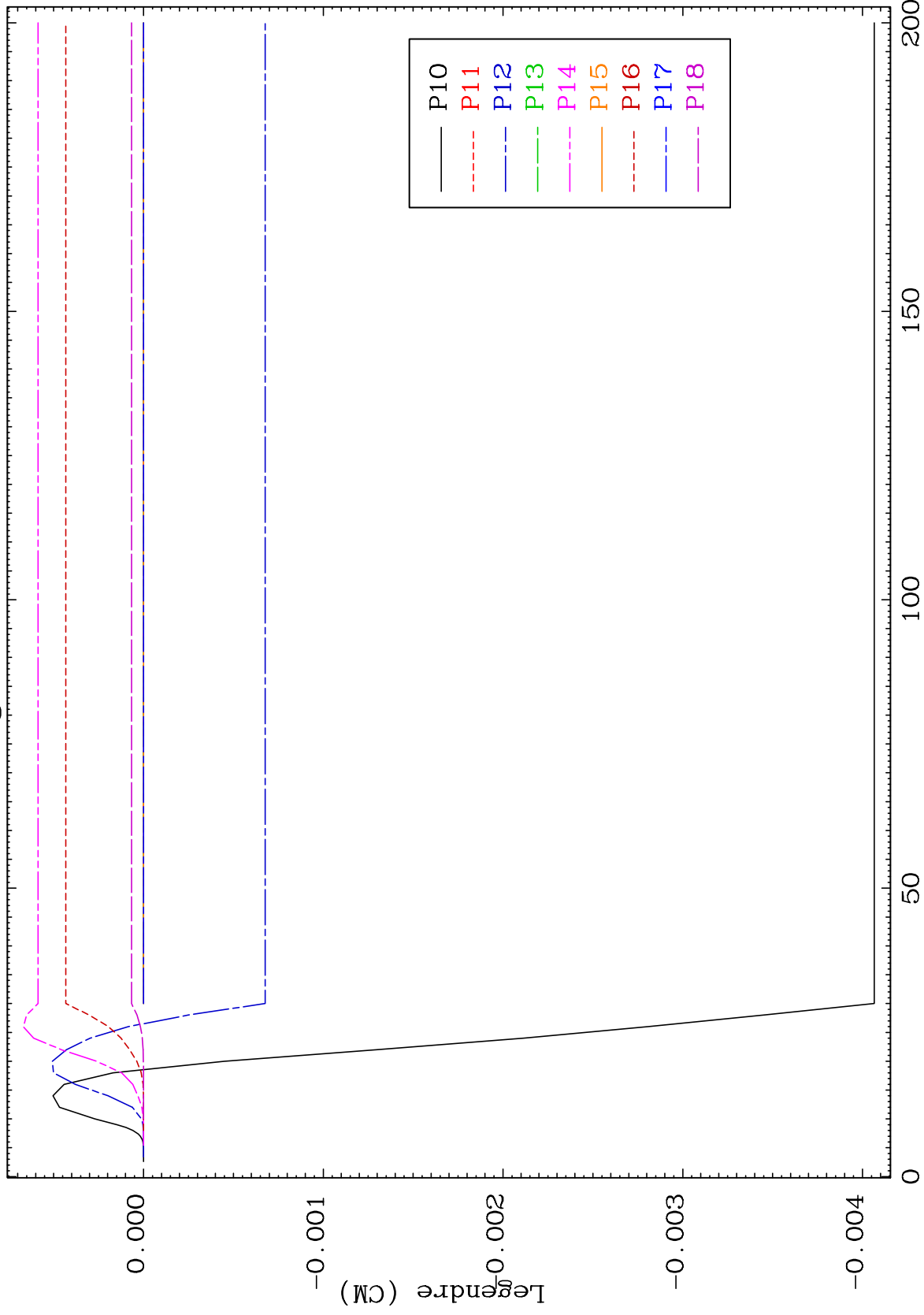




MAT 5249

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

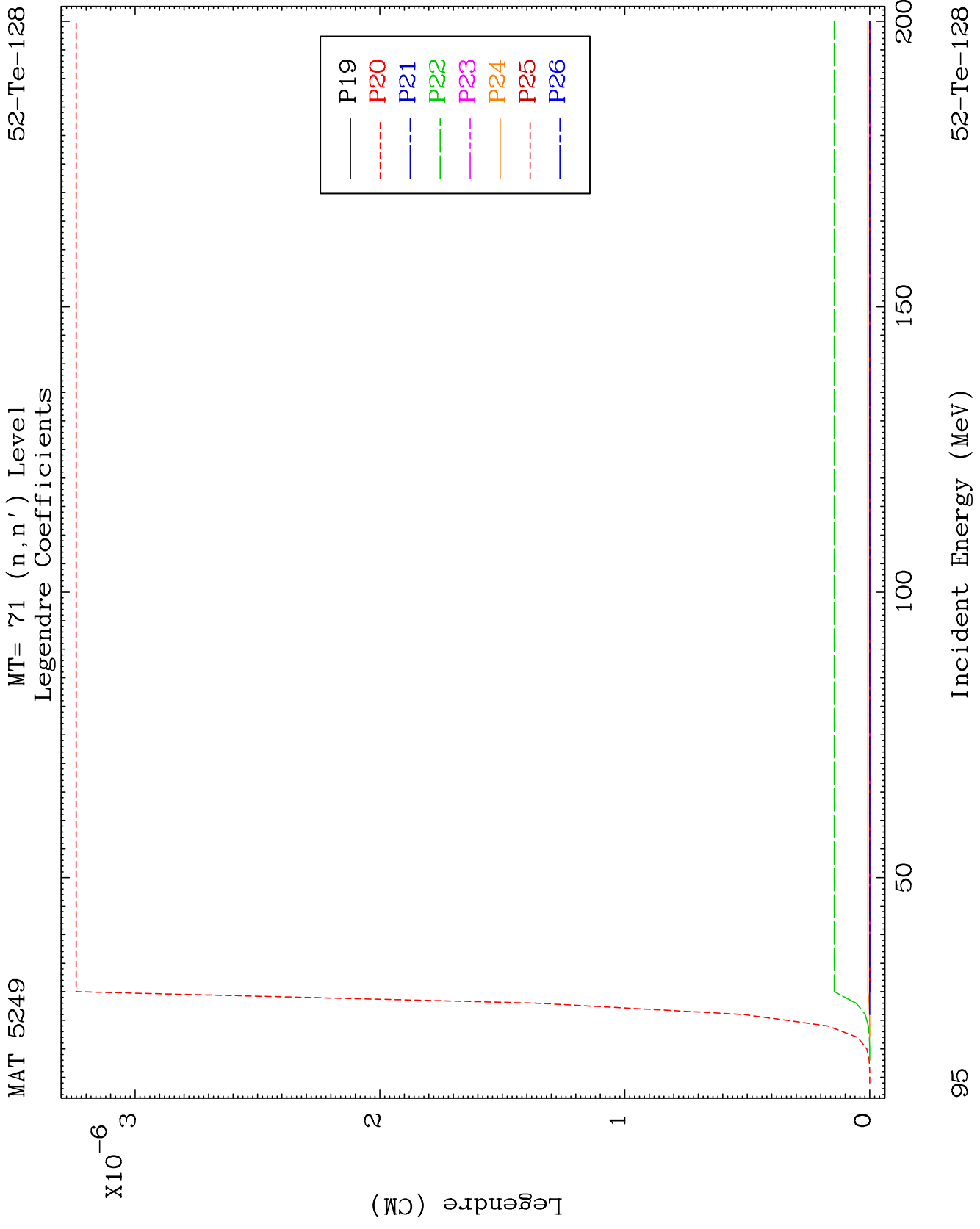
52-Te-128



94

Incident Energy (MeV)

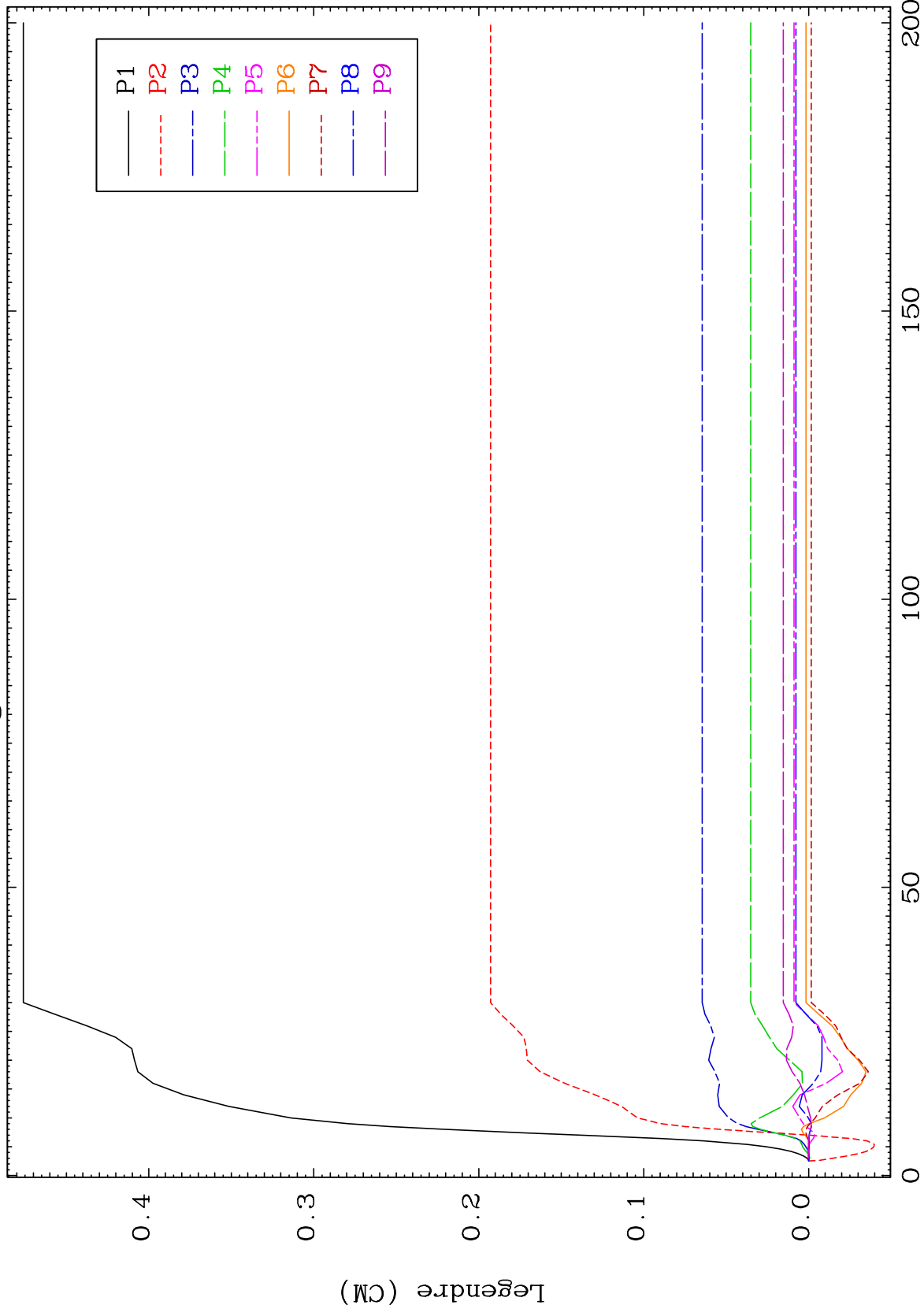
52-Te-128



MAT 5249

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

52-Te-128



96

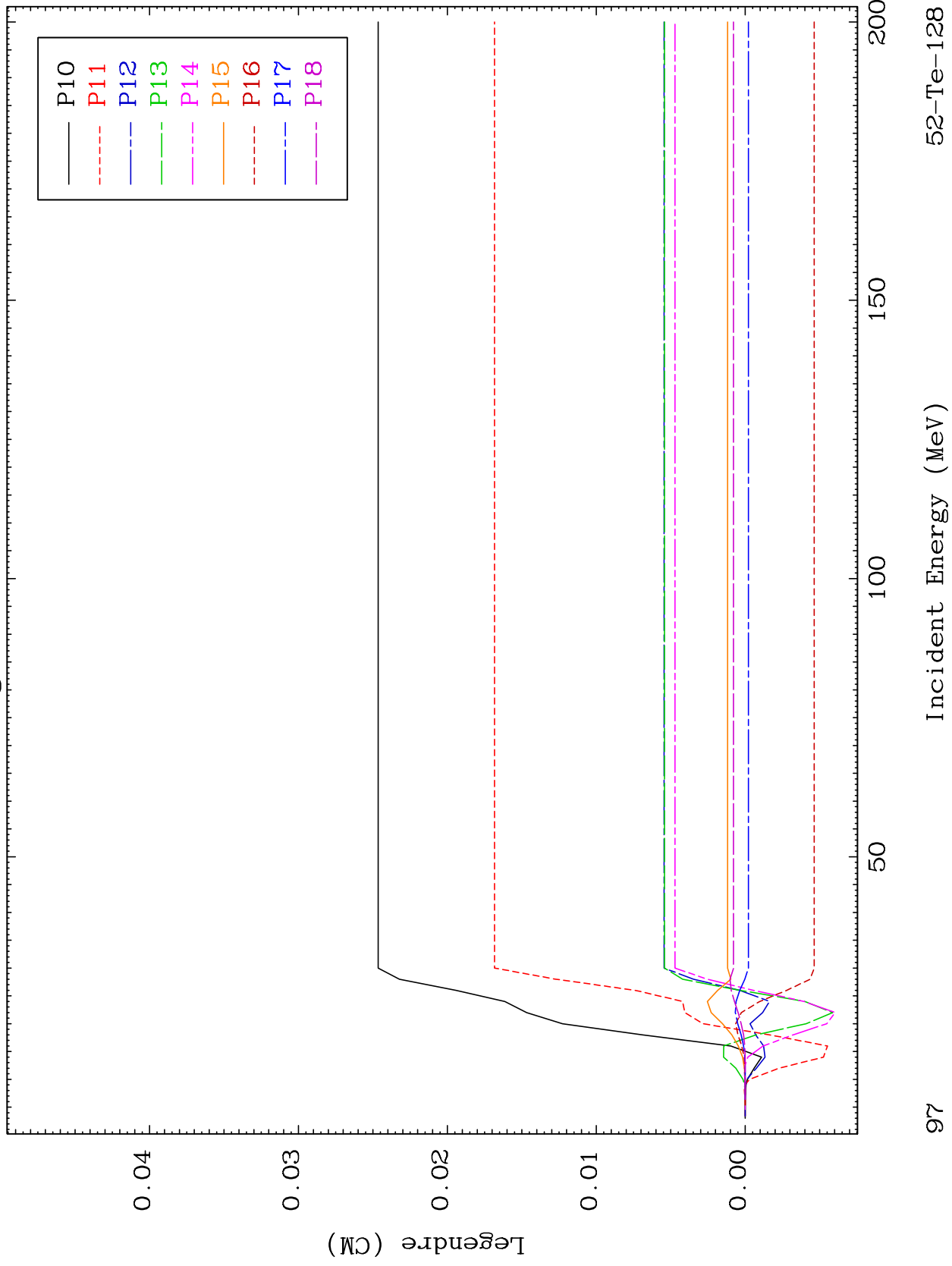
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



97

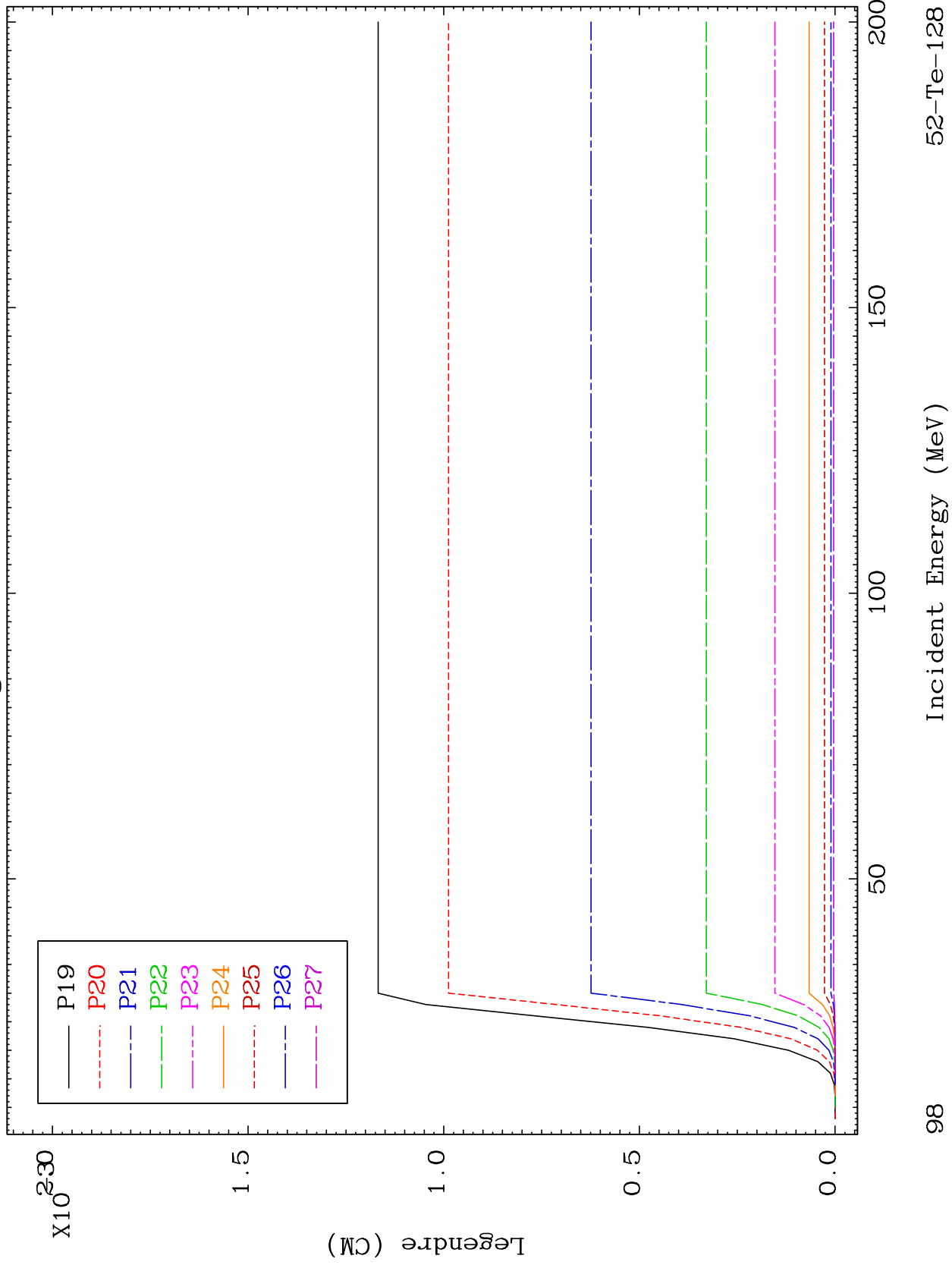
Incident Energy (MeV)

52-Te-128

MAT 5249

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

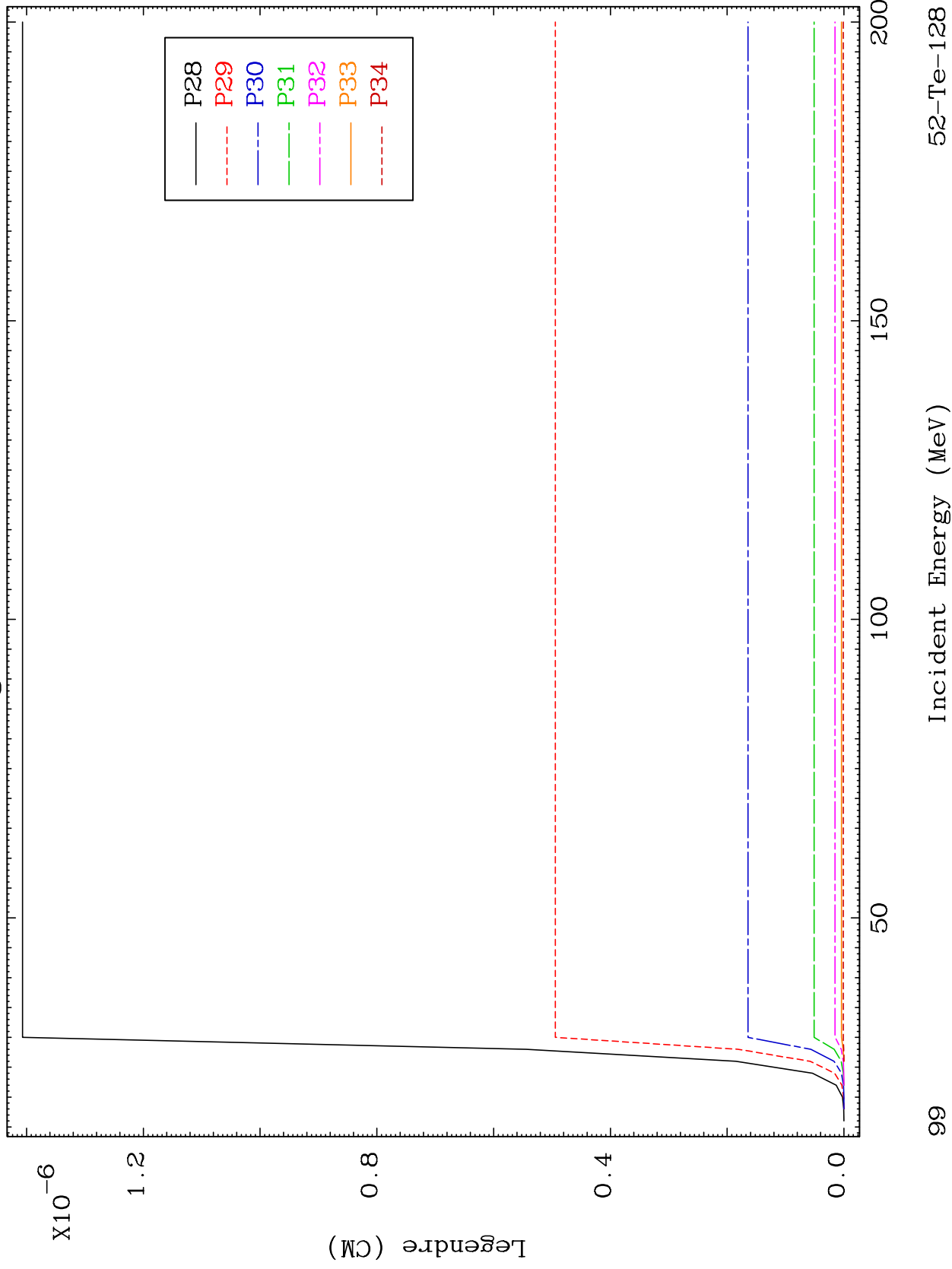
52-Te-128



MAT 5249

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

52-Te-128

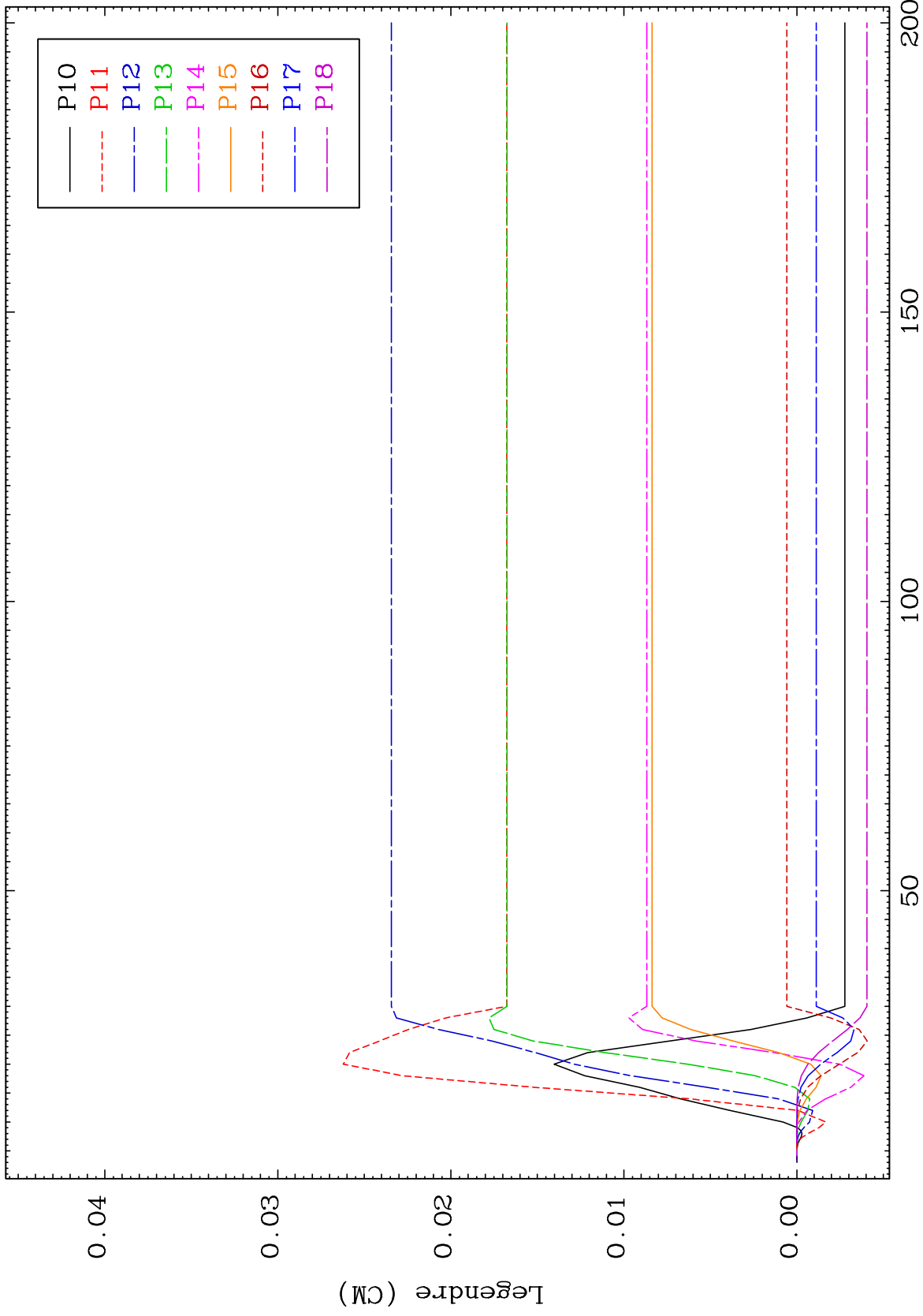




MAT 5249

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

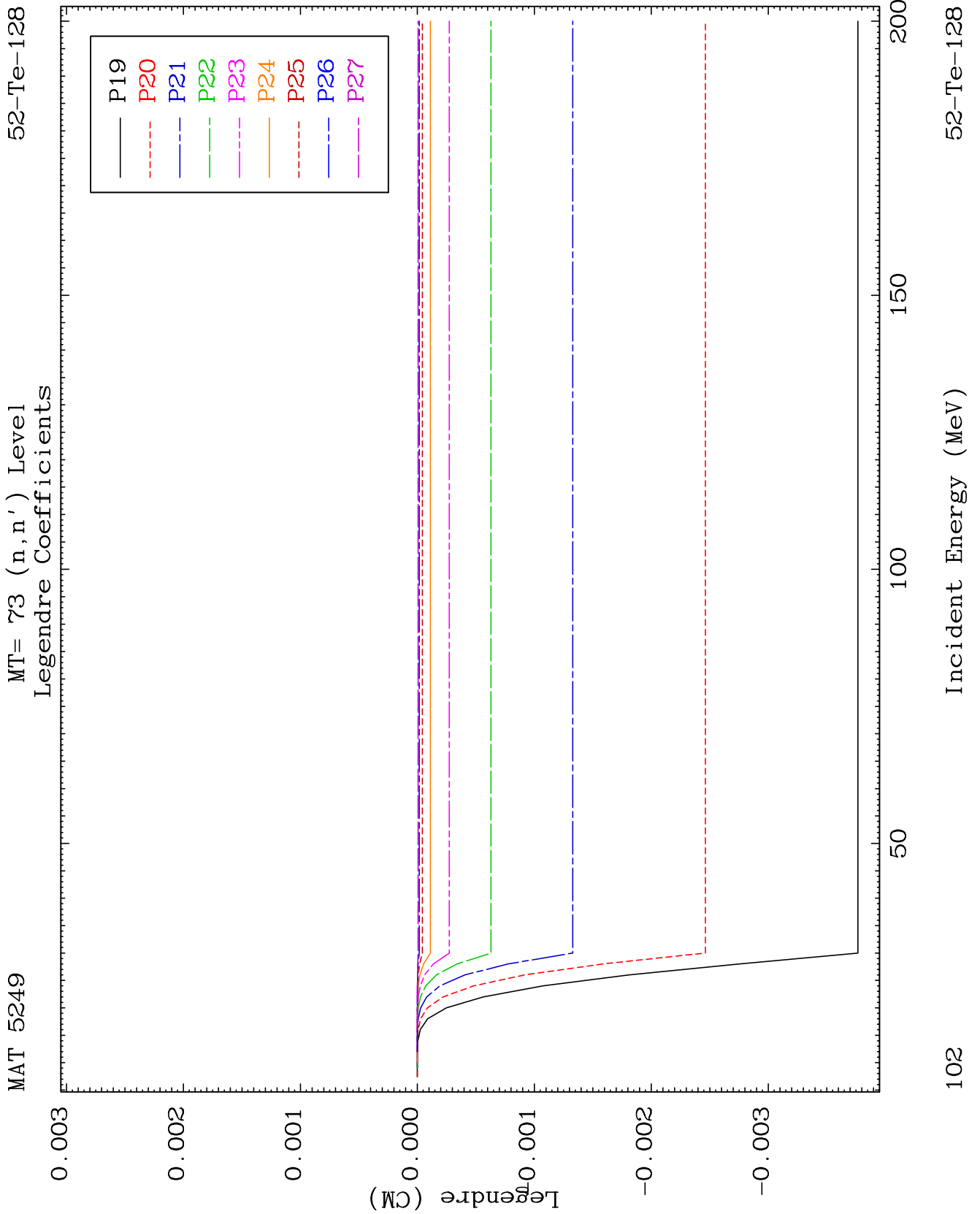
52-Te-128

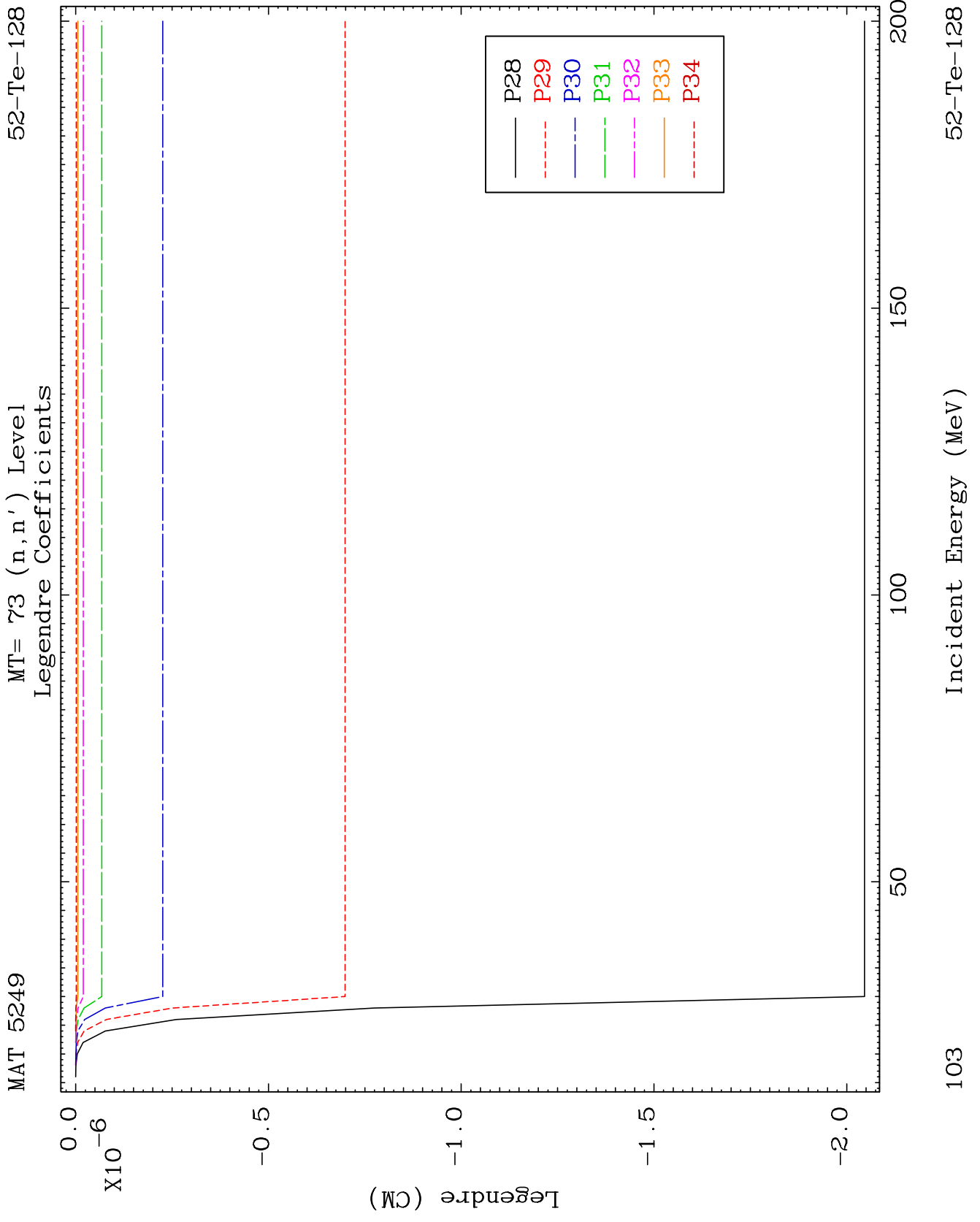


101

Incident Energy (MeV)

52-Te-128



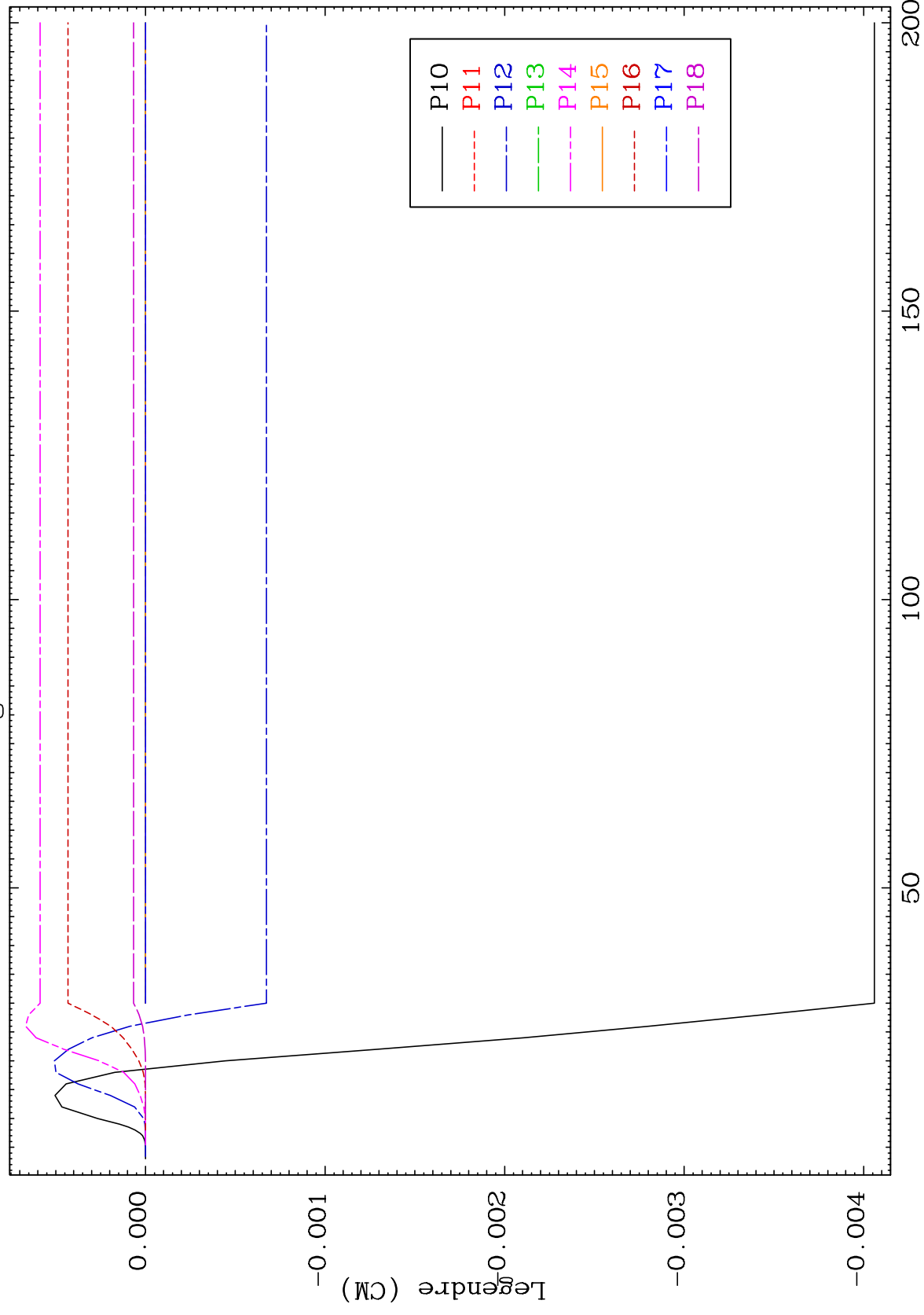




MAT 5249

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

52-Te-128



105

Incident Energy (MeV)

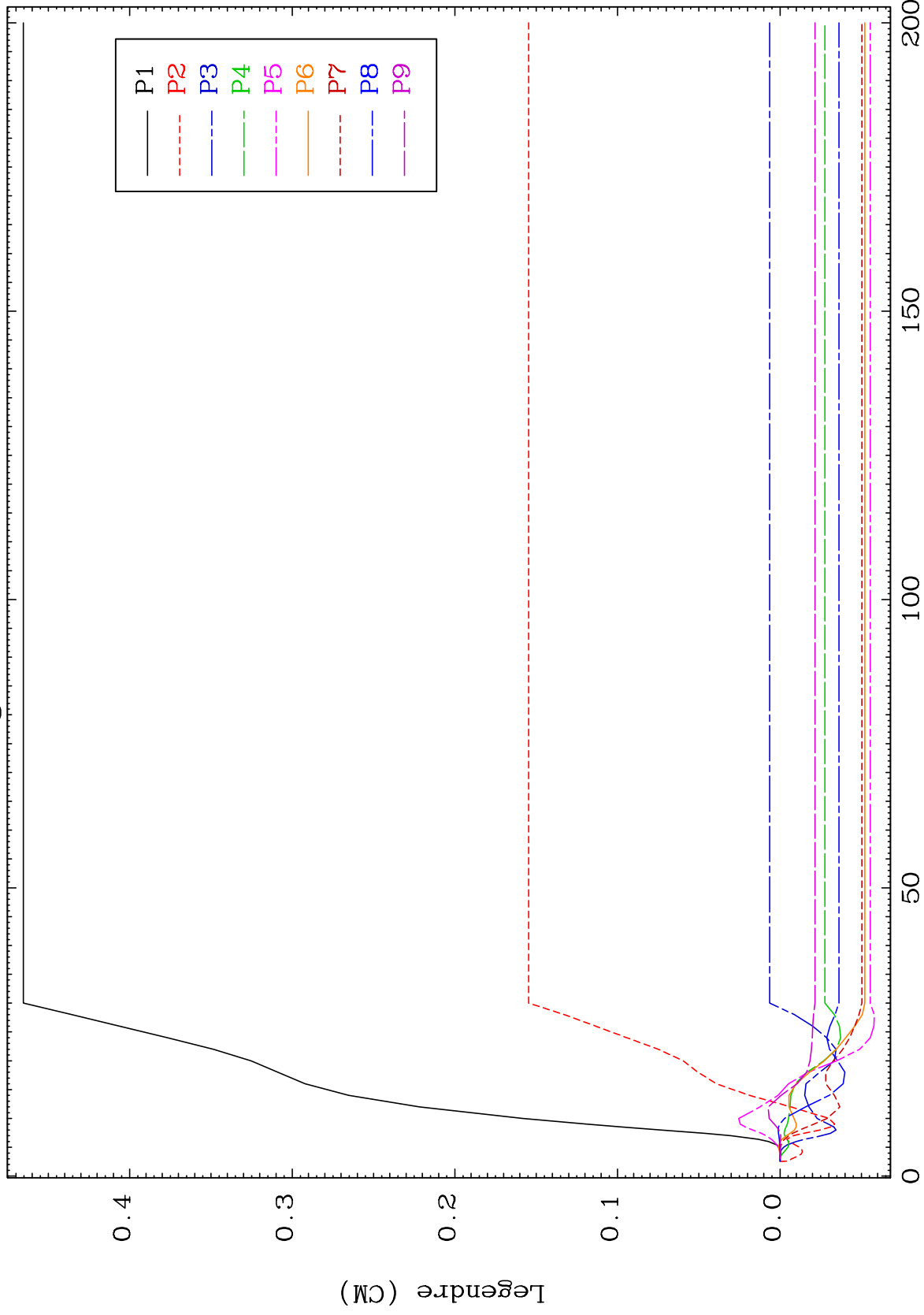
52-Te-128



MAT 5249

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

52-Te-128



107

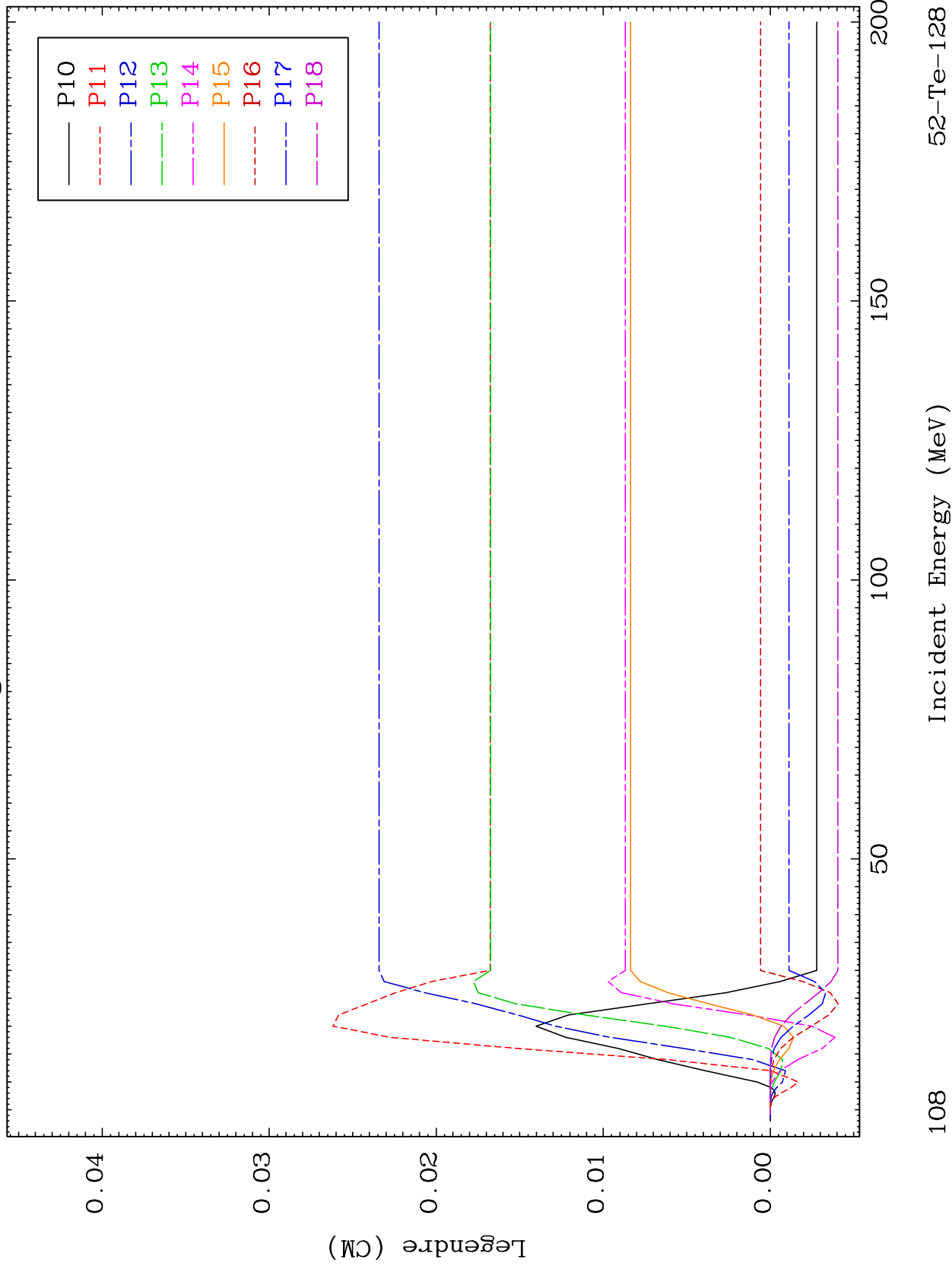
Incident Energy (MeV)

52-Te-128

MAT 5249

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

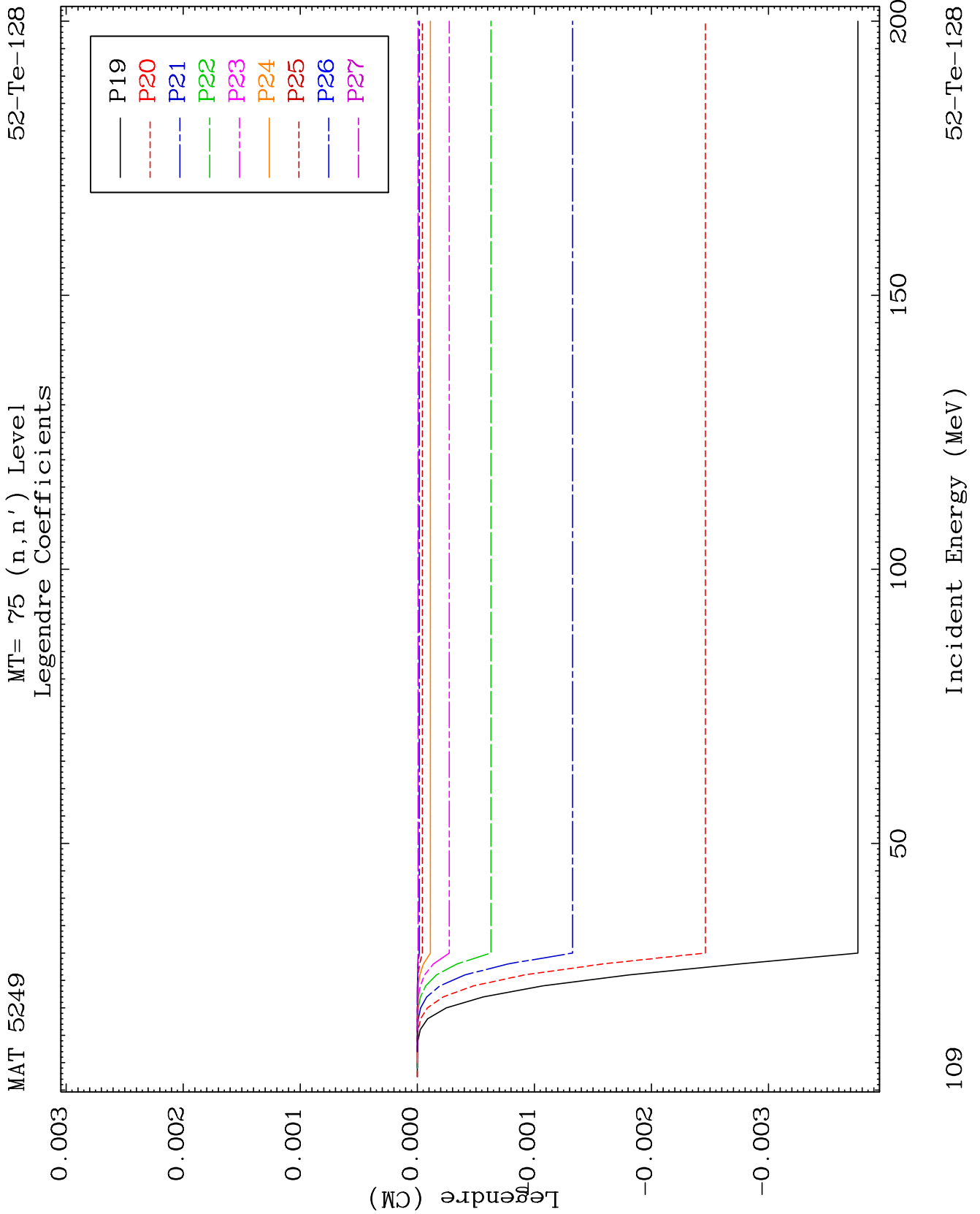
52-Te-128

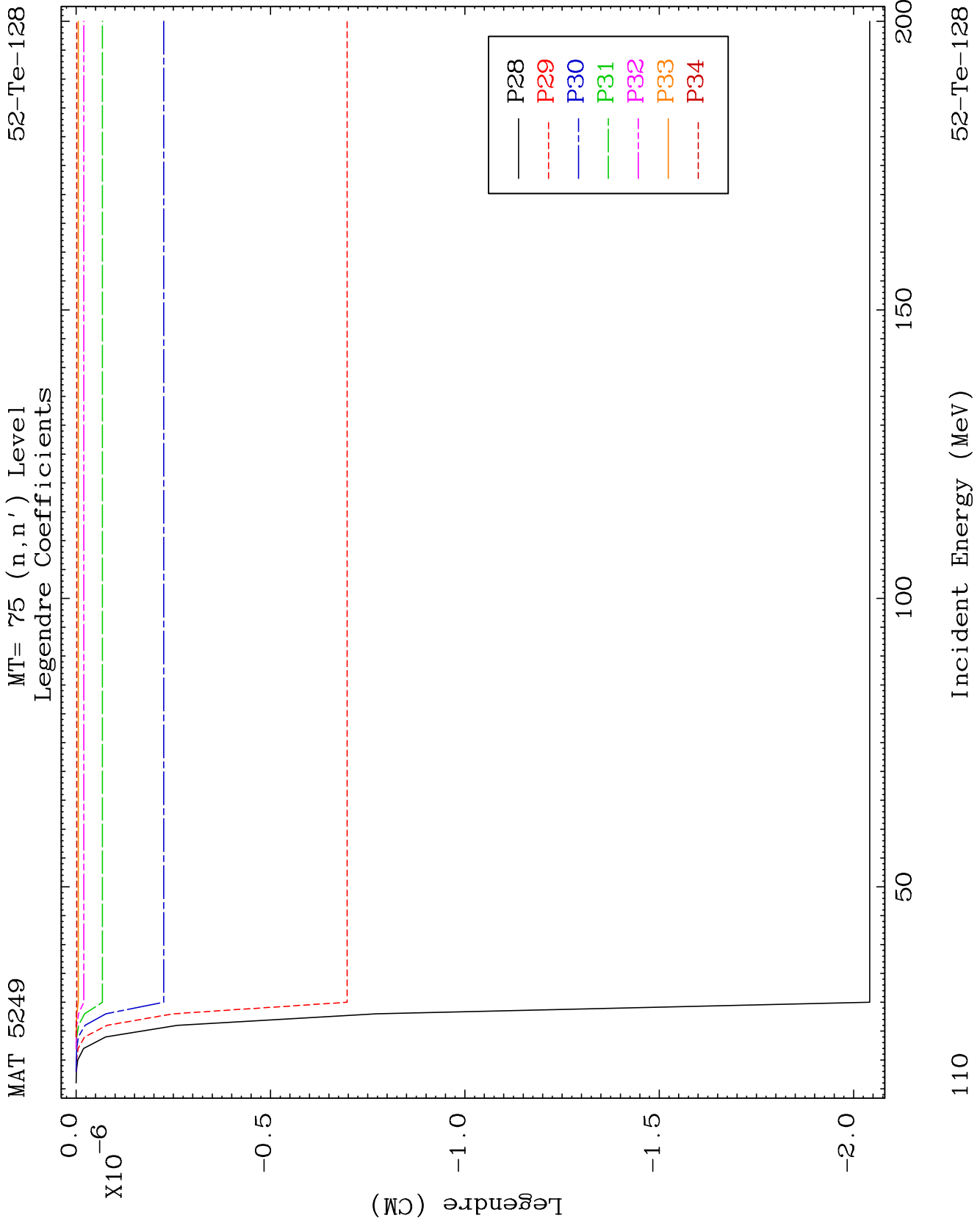


108

Incident Energy (MeV)

52-Te-128

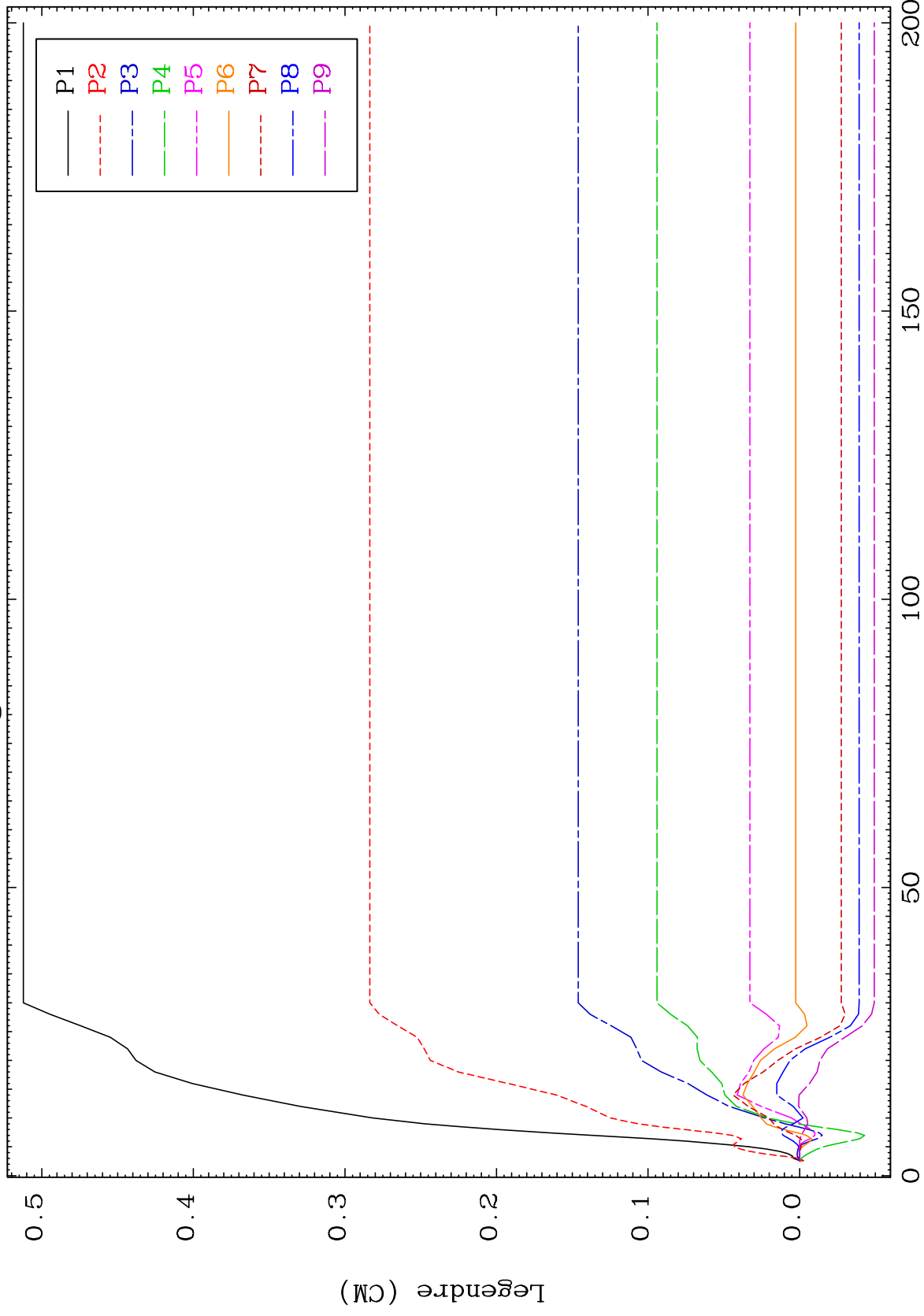




MAT 5249

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

52-Te-128



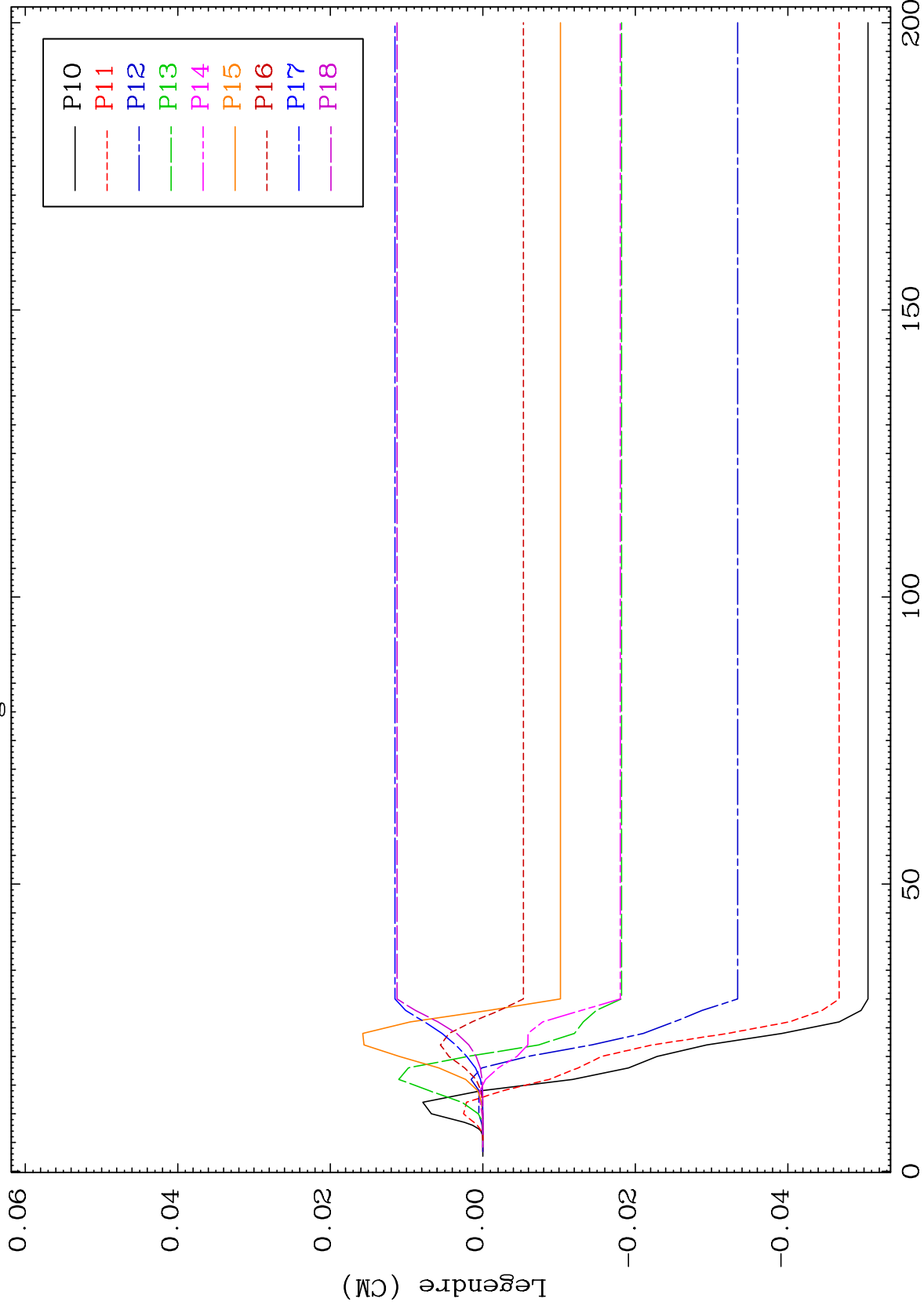
111

52-Te-128

MAT 5249

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

52-Te-128



112

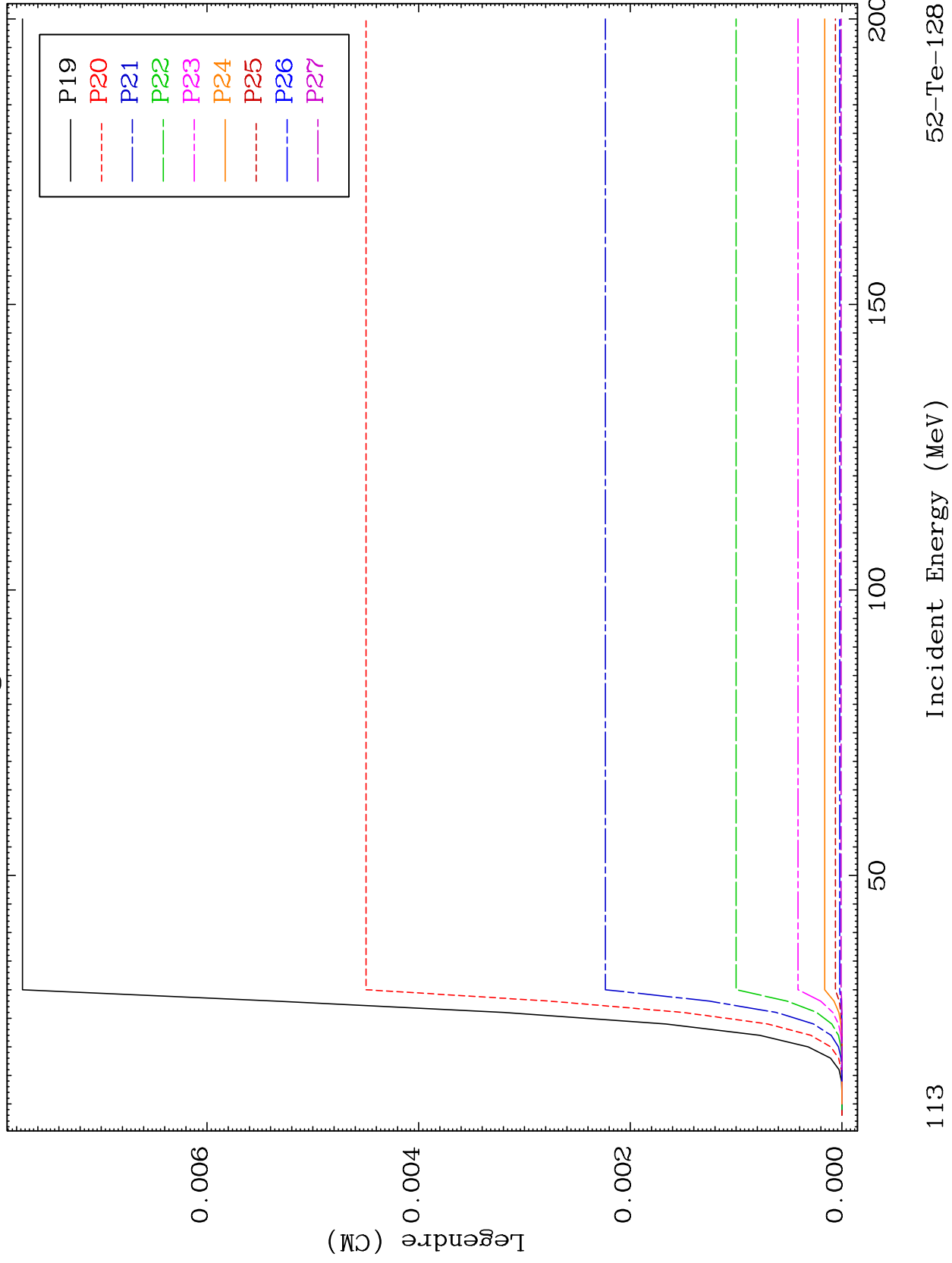
Incident Energy (MeV)

52-Te-128

MAT 5249

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

52-Te-128



113

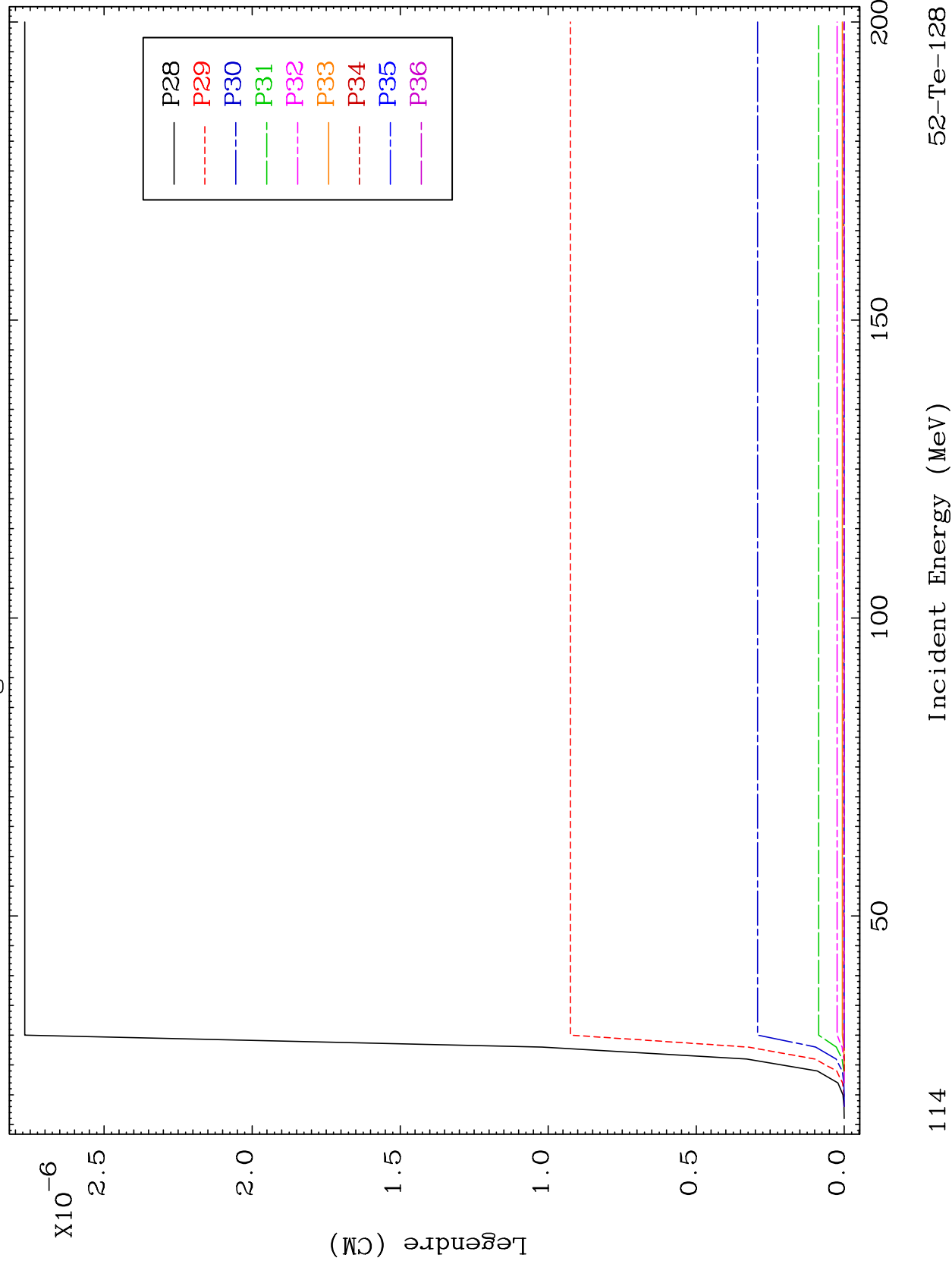
Incident Energy (MeV)

52-Te-128

MAT 5249

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

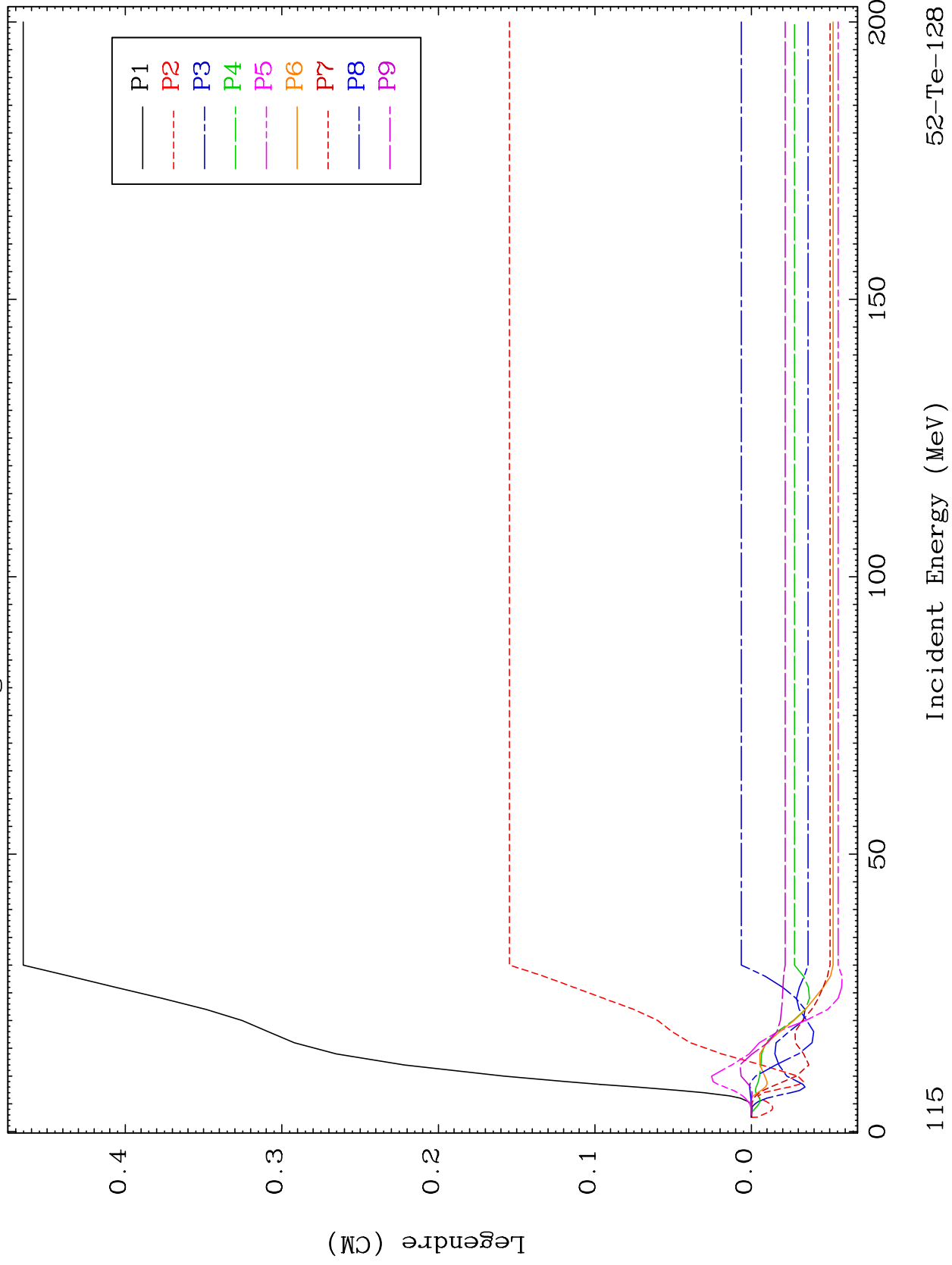
52-Te-128



MAT 5249

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

52-Te-128



52-Te-128

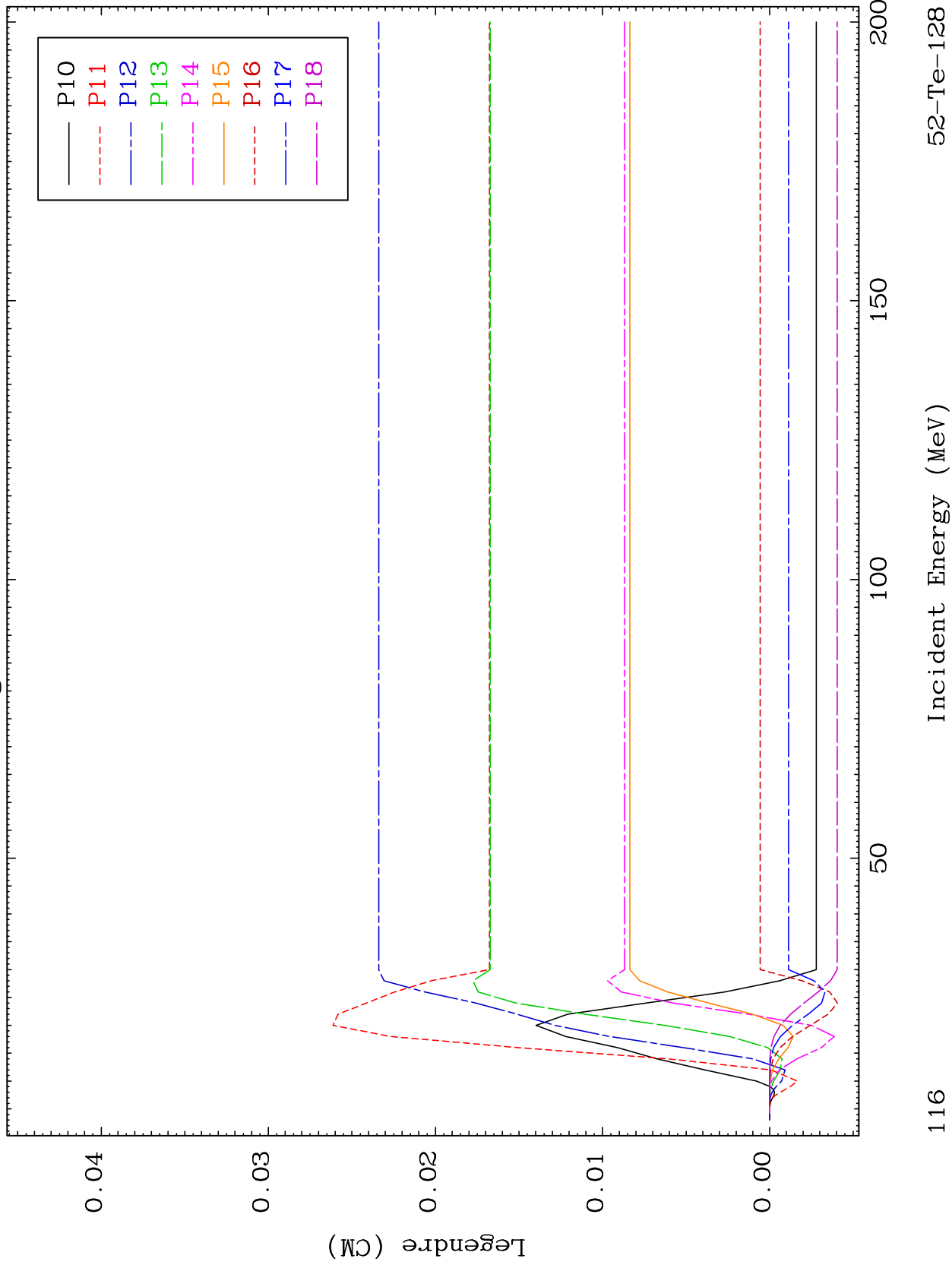
Incident Energy (MeV)

115

MAT 5249

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

52-Te-128



116

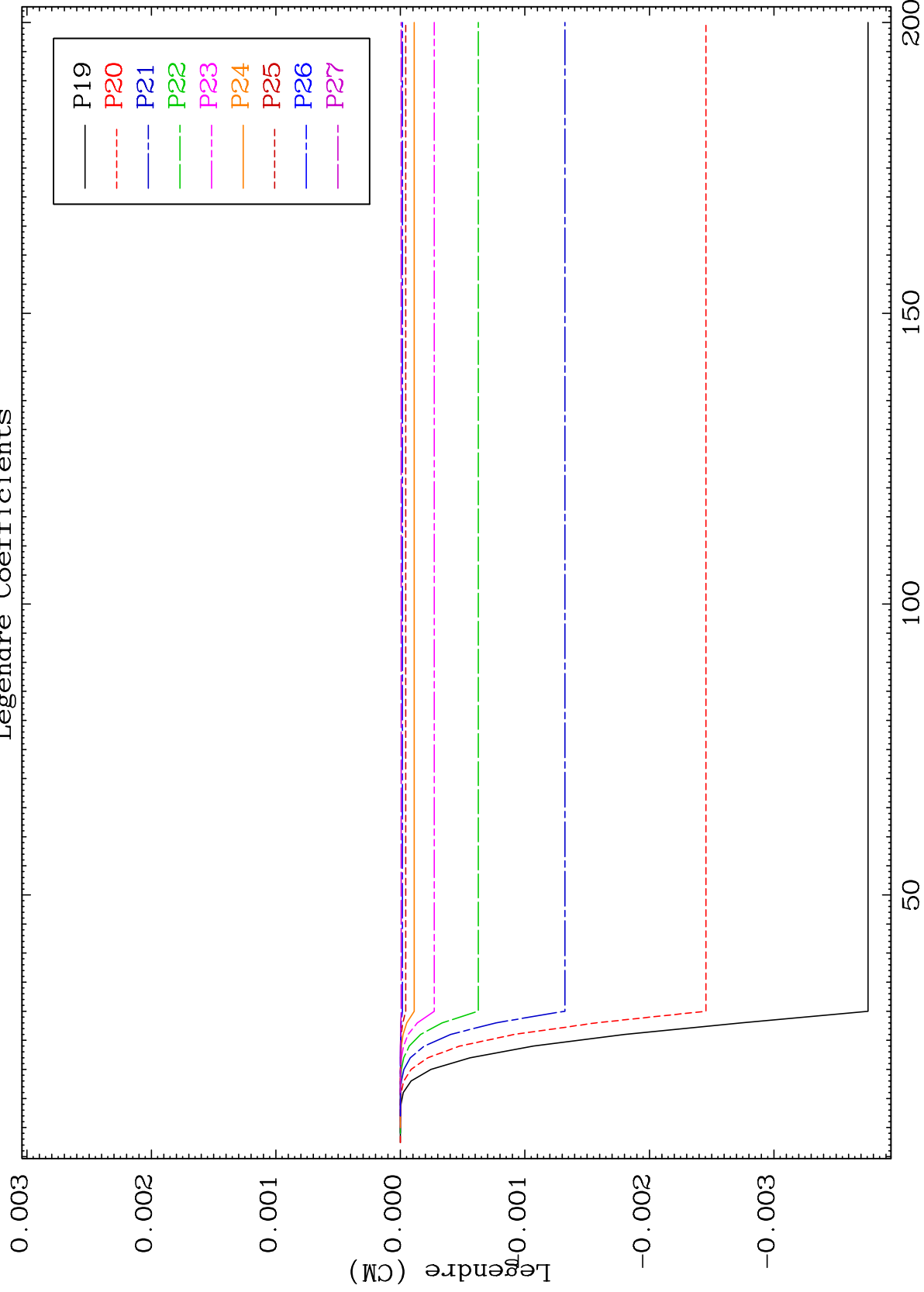
Incident Energy (MeV)

52-Te-128

MAT 5249

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

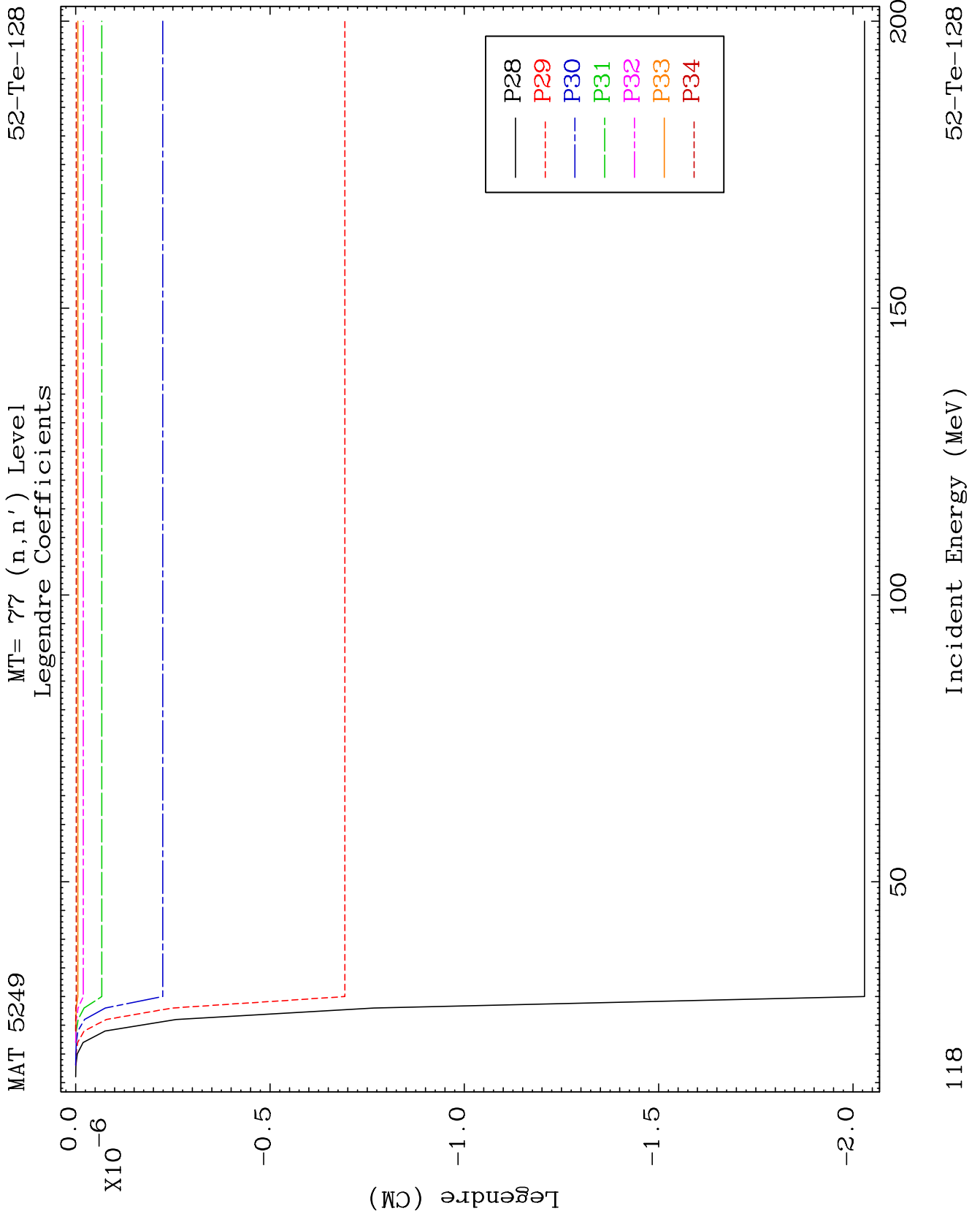
52-Te-128

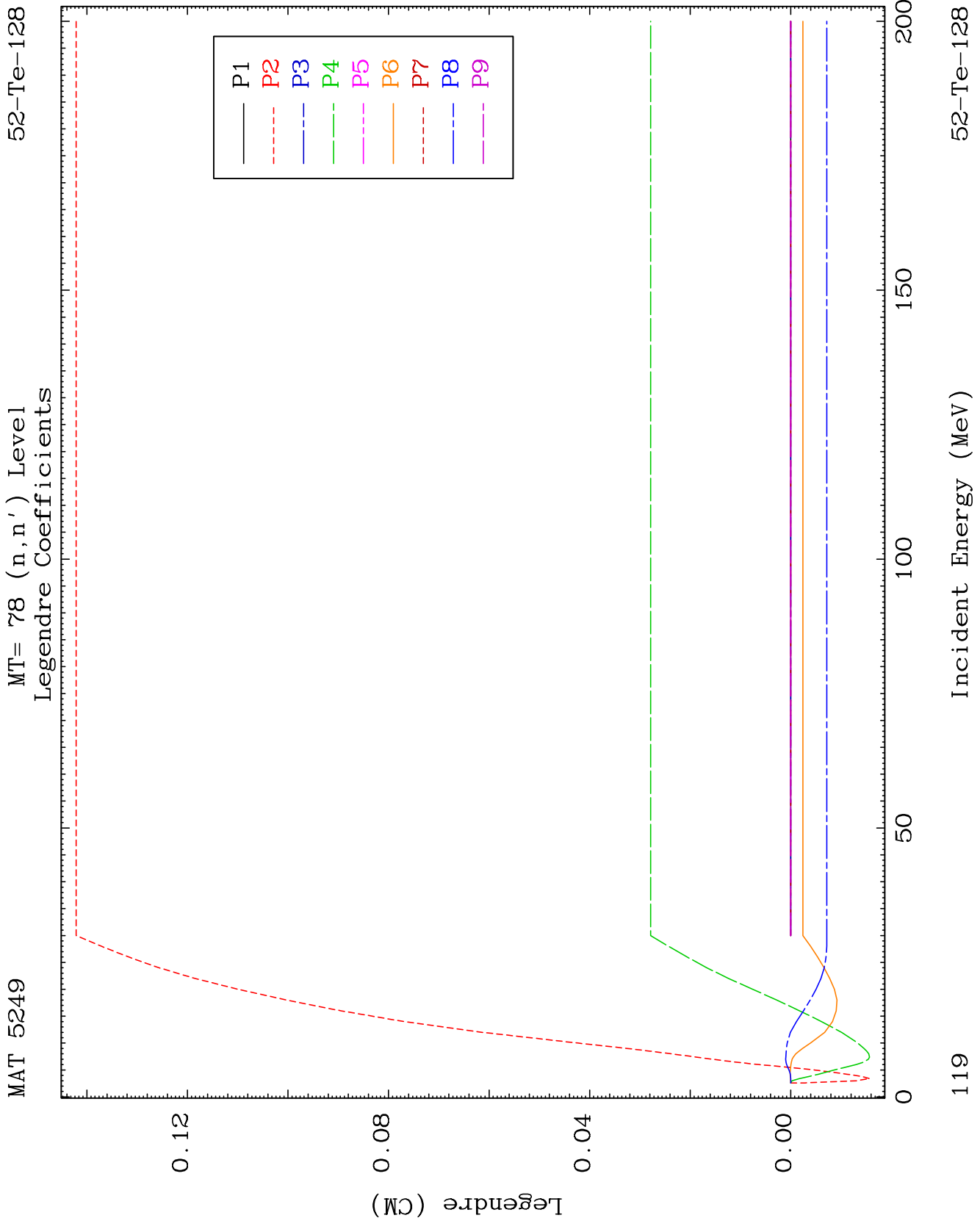


117

Incident Energy (MeV)

52-Te-128

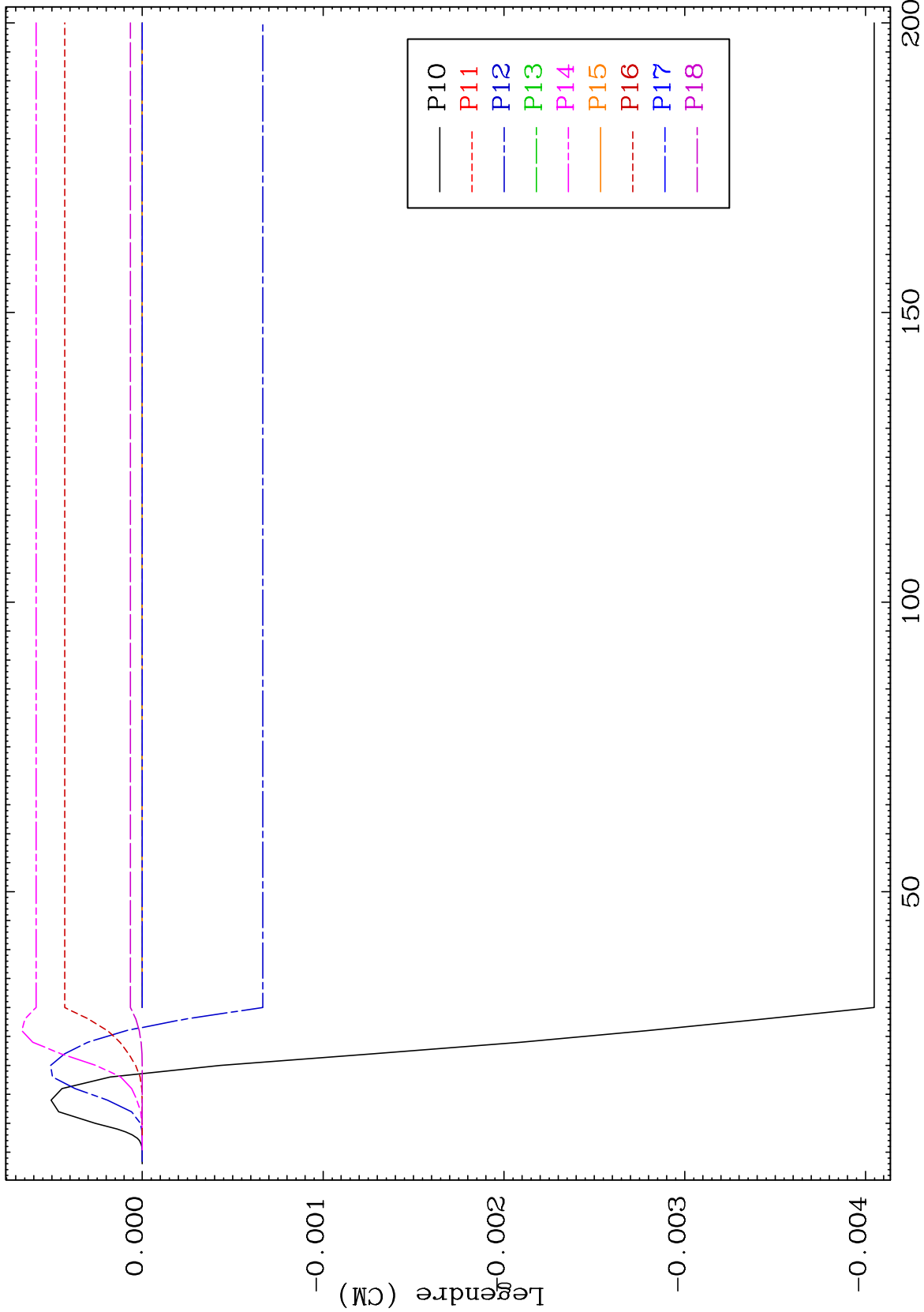




MAT 5249

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

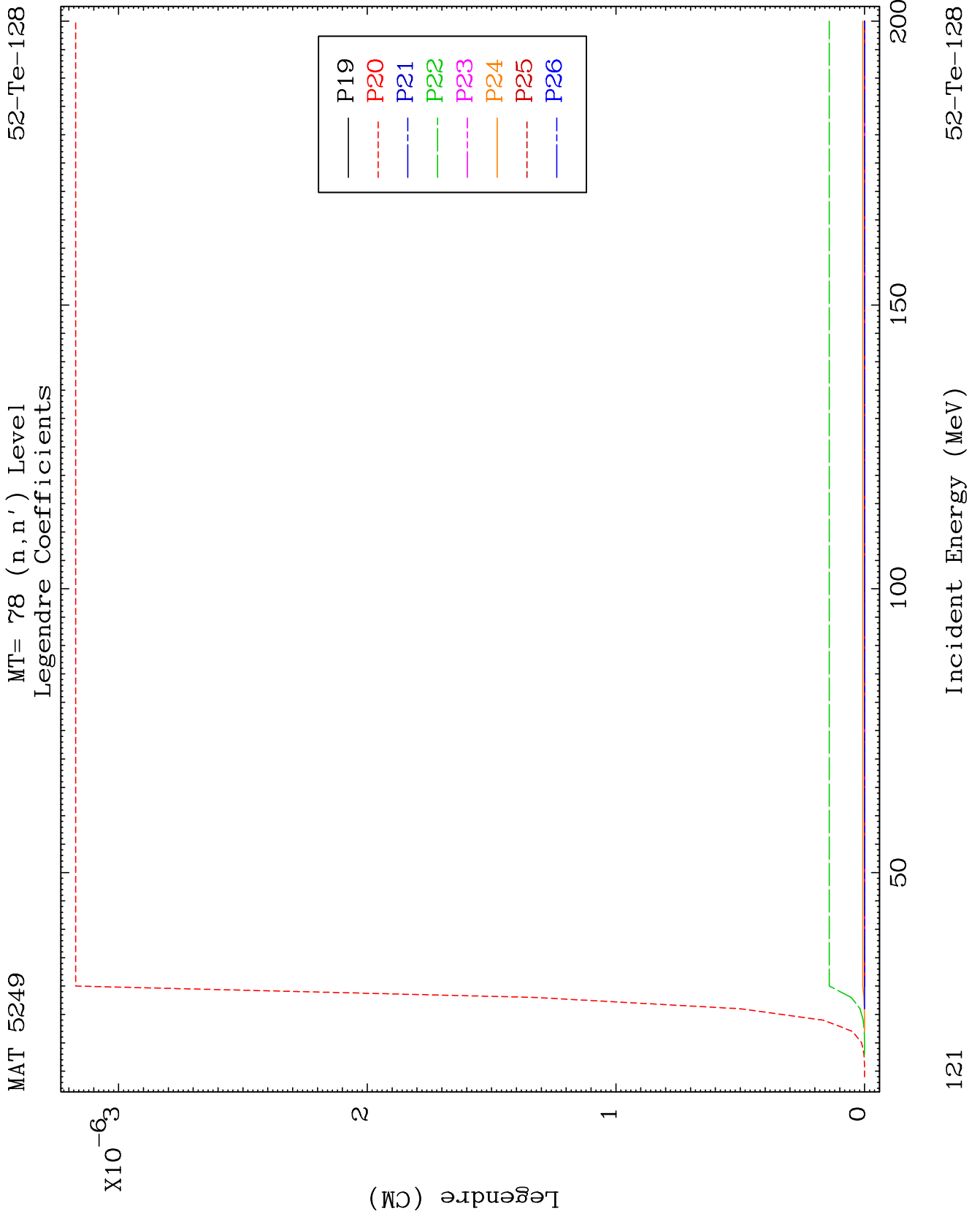
52-Te-128

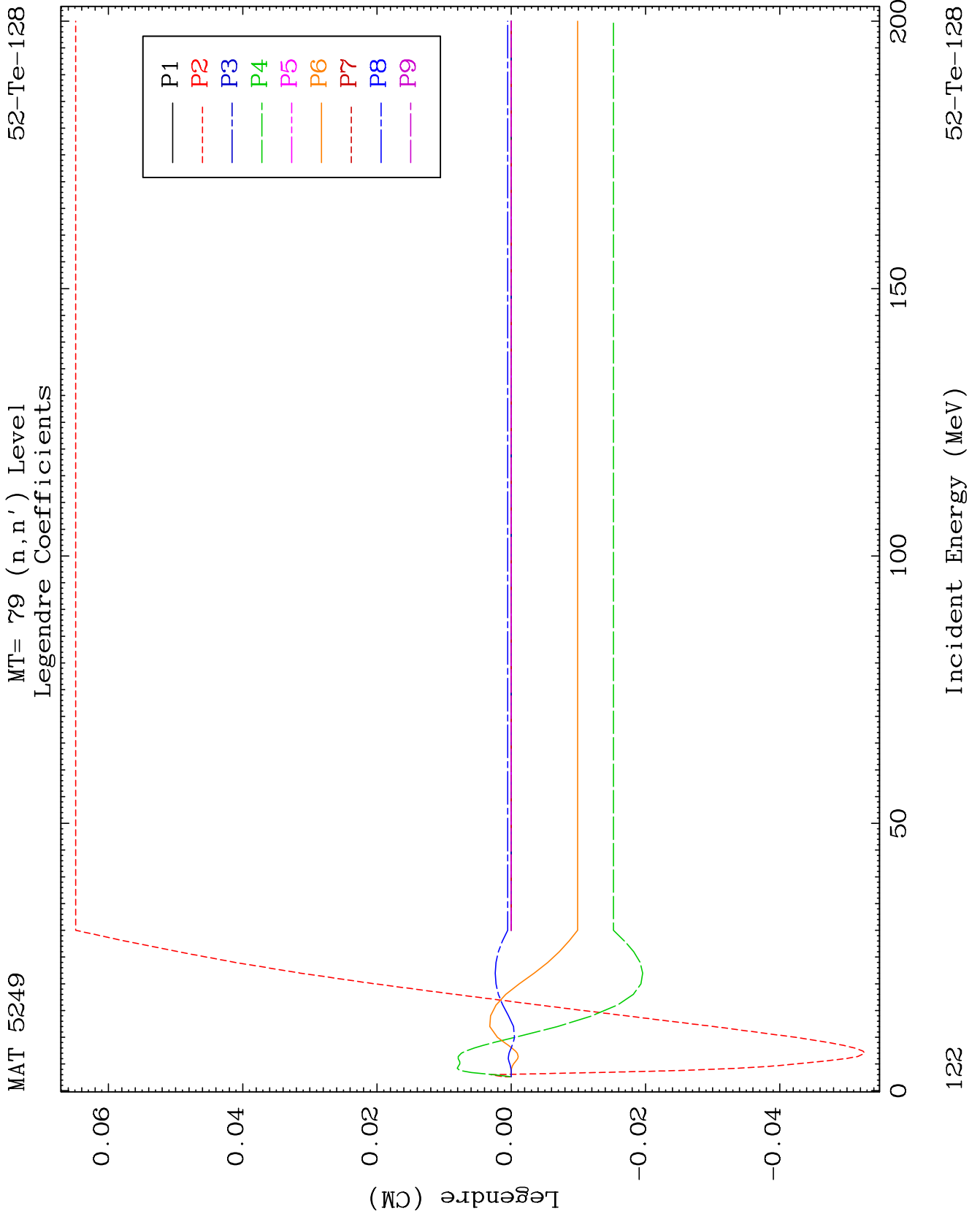


120

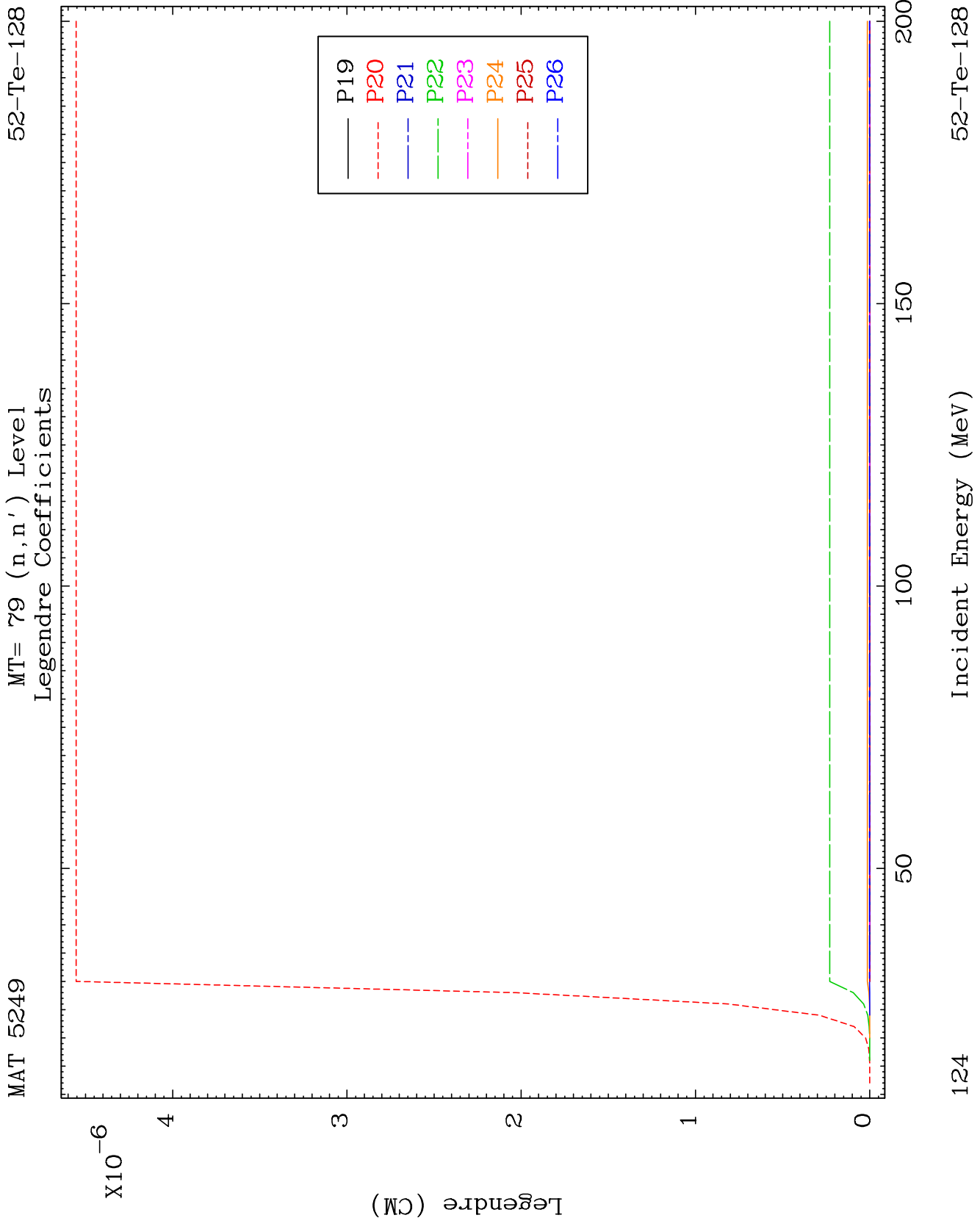
Incident Energy (MeV)

52-Te-128





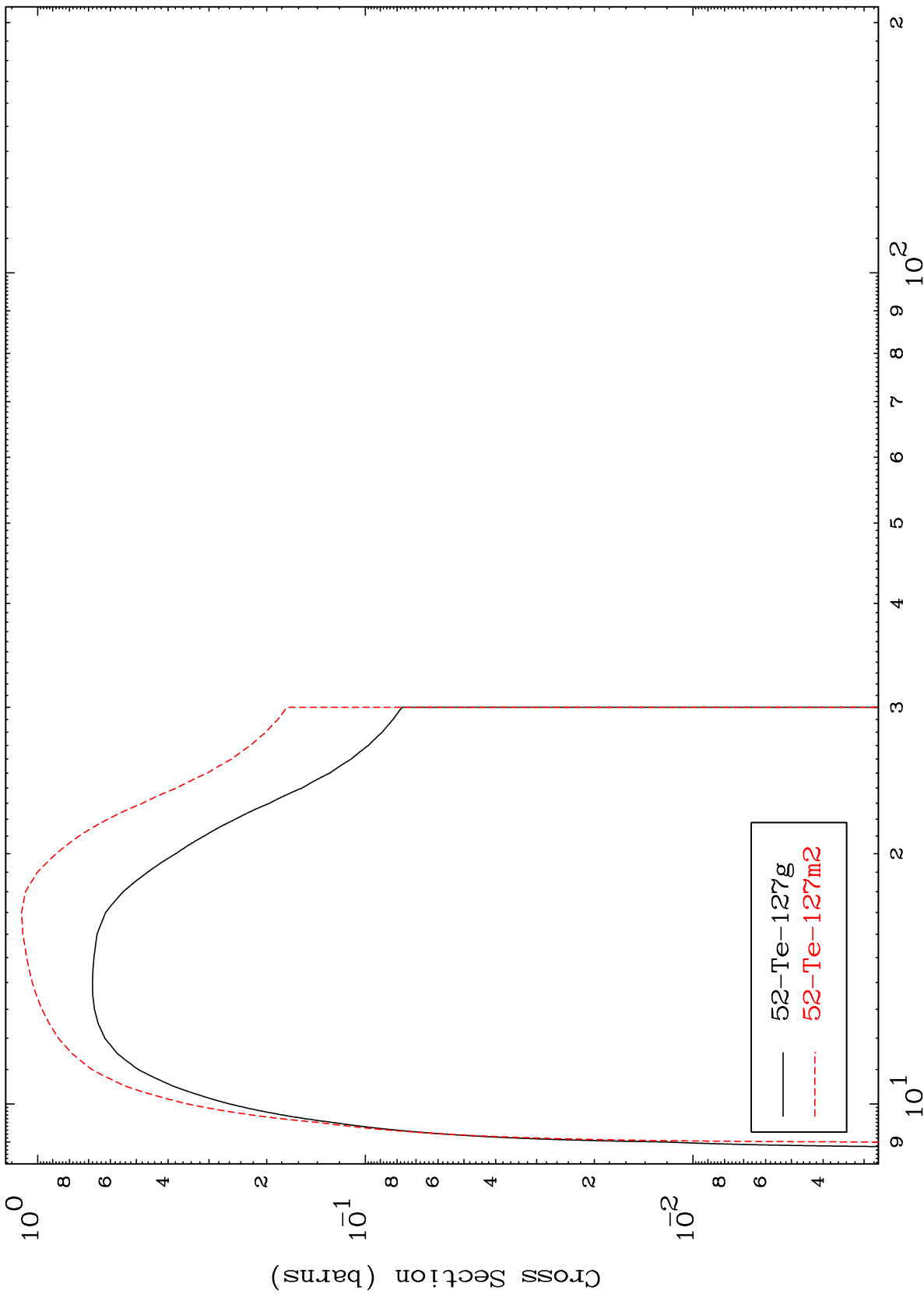




MAT 5249

52-Te-128

(n,2n)  
Radionuclide Production Cross Section



52-Te-128

Incident Energy (MeV)

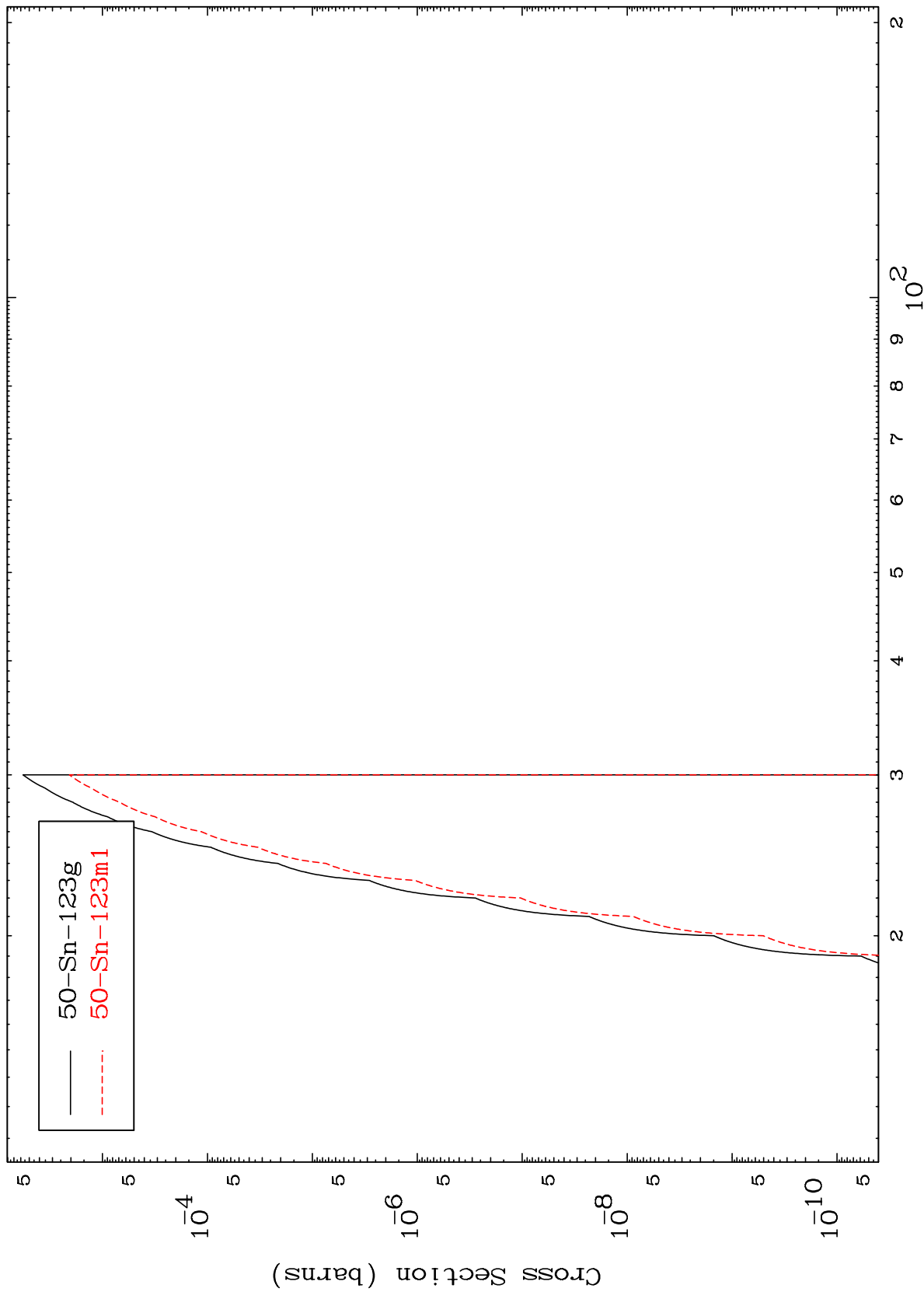
125

MAT 5249

52-Te-128

(n,2n)  $\alpha$

Radionuclide Production Cross Section

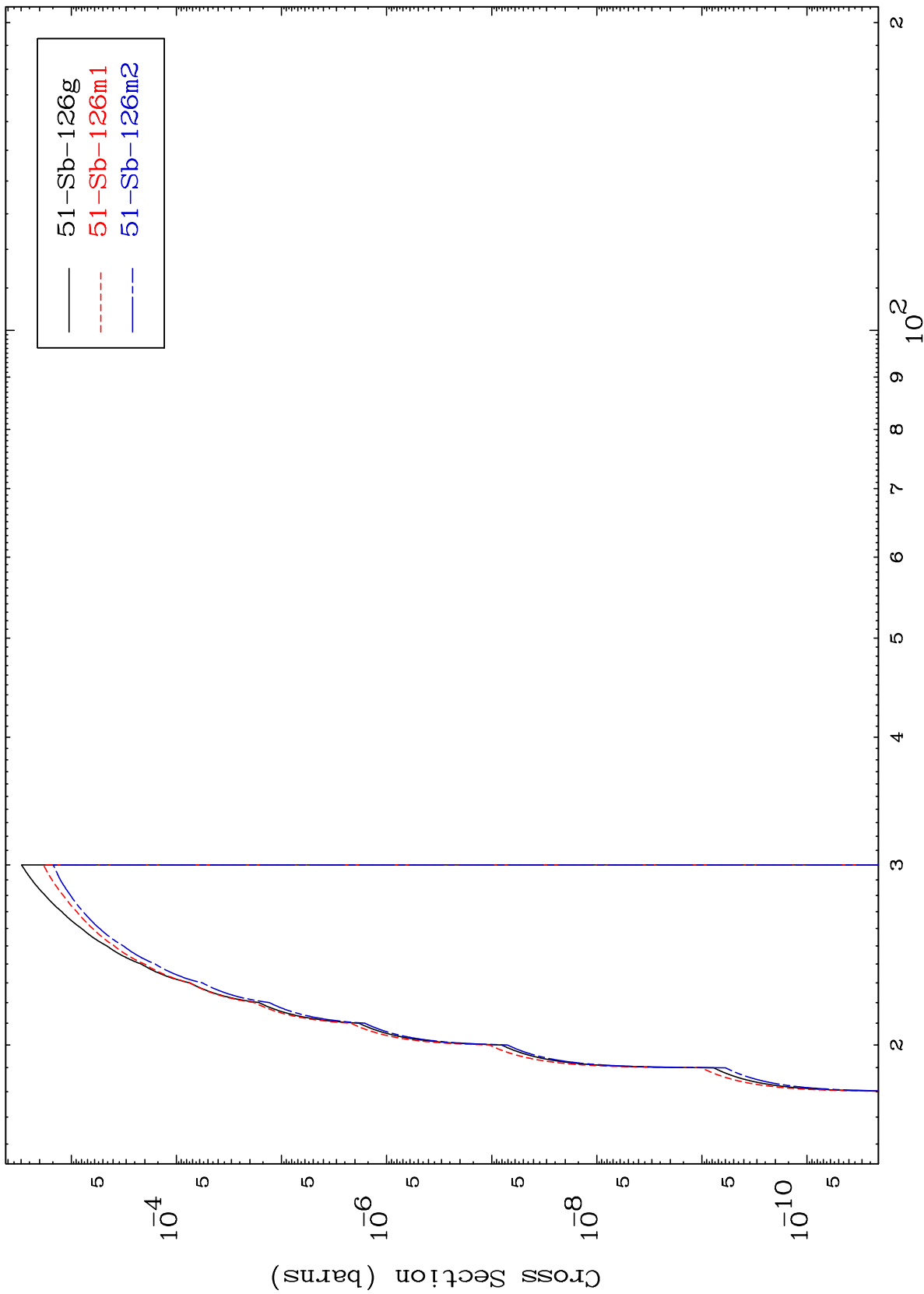


126

Incident Energy (MeV)

52-Te-128

Radionuclide Production Cross Section

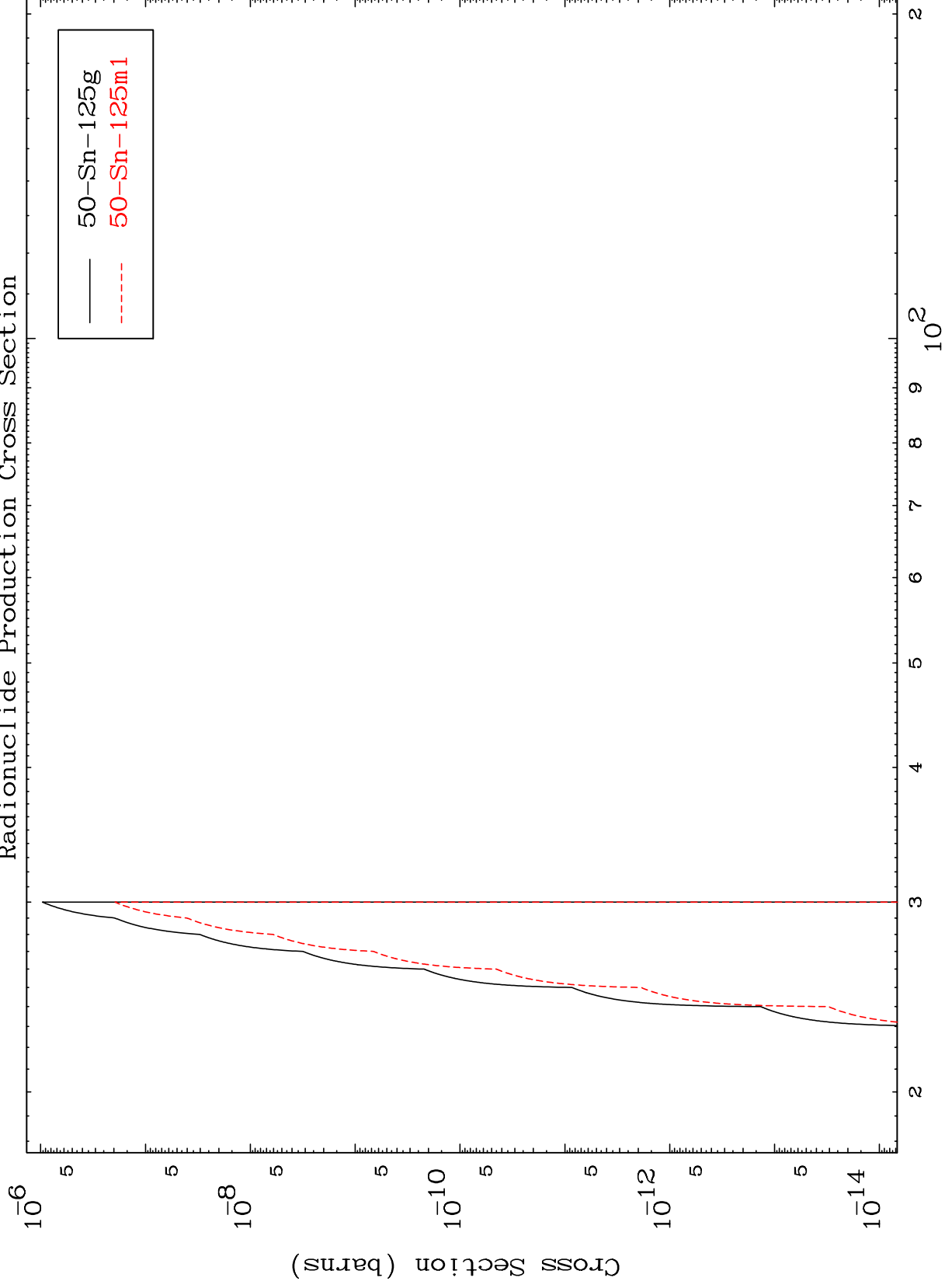


MAT 5249

(n,n') He-3

52-Te-128

Radionuclide Production Cross Section



128

Incident Energy (MeV)

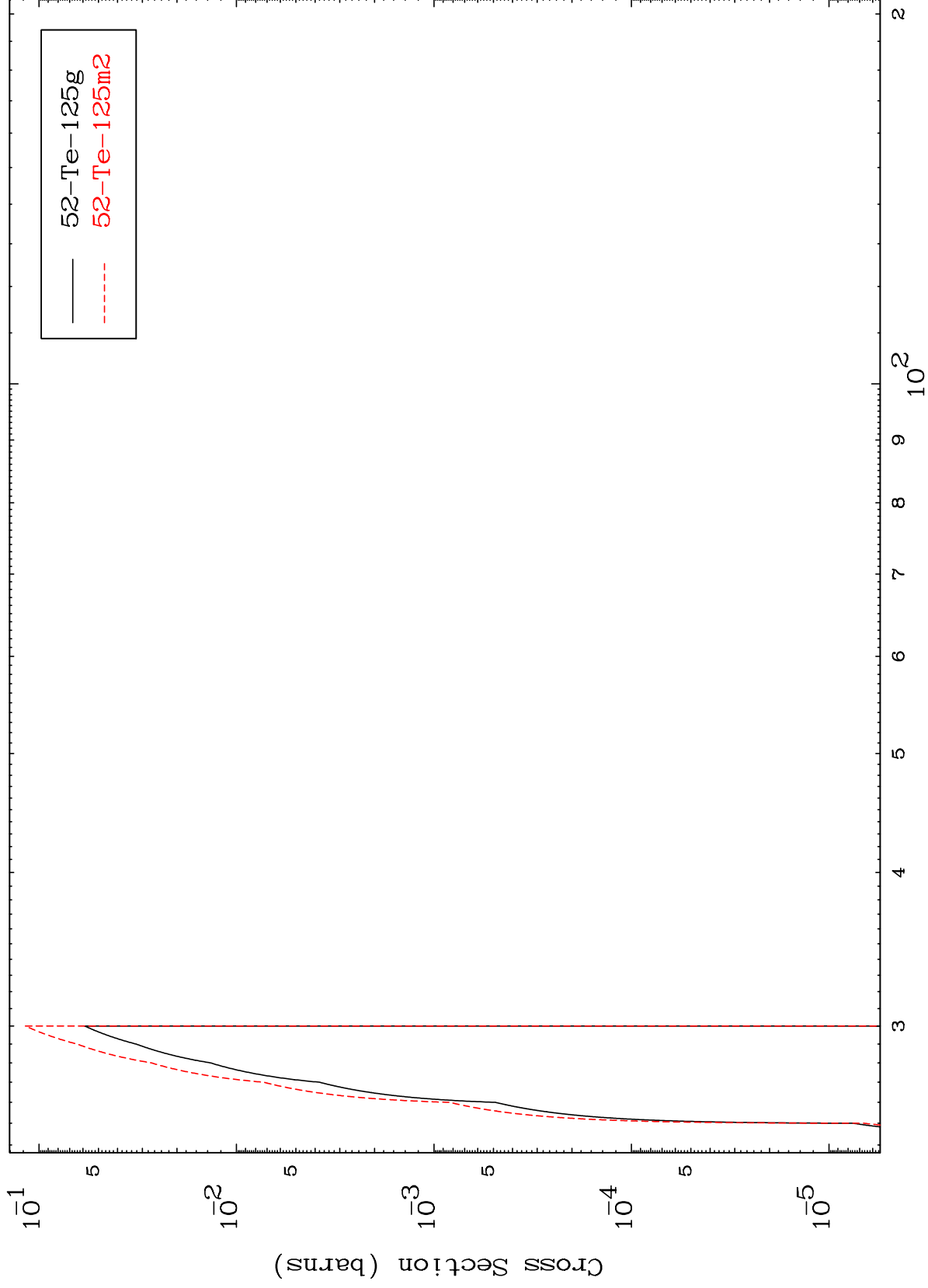
52-Te-128

MAT 5249

(n,4n)

52-Te-128

Radionuclide Production Cross Section



129

Incident Energy (MeV)

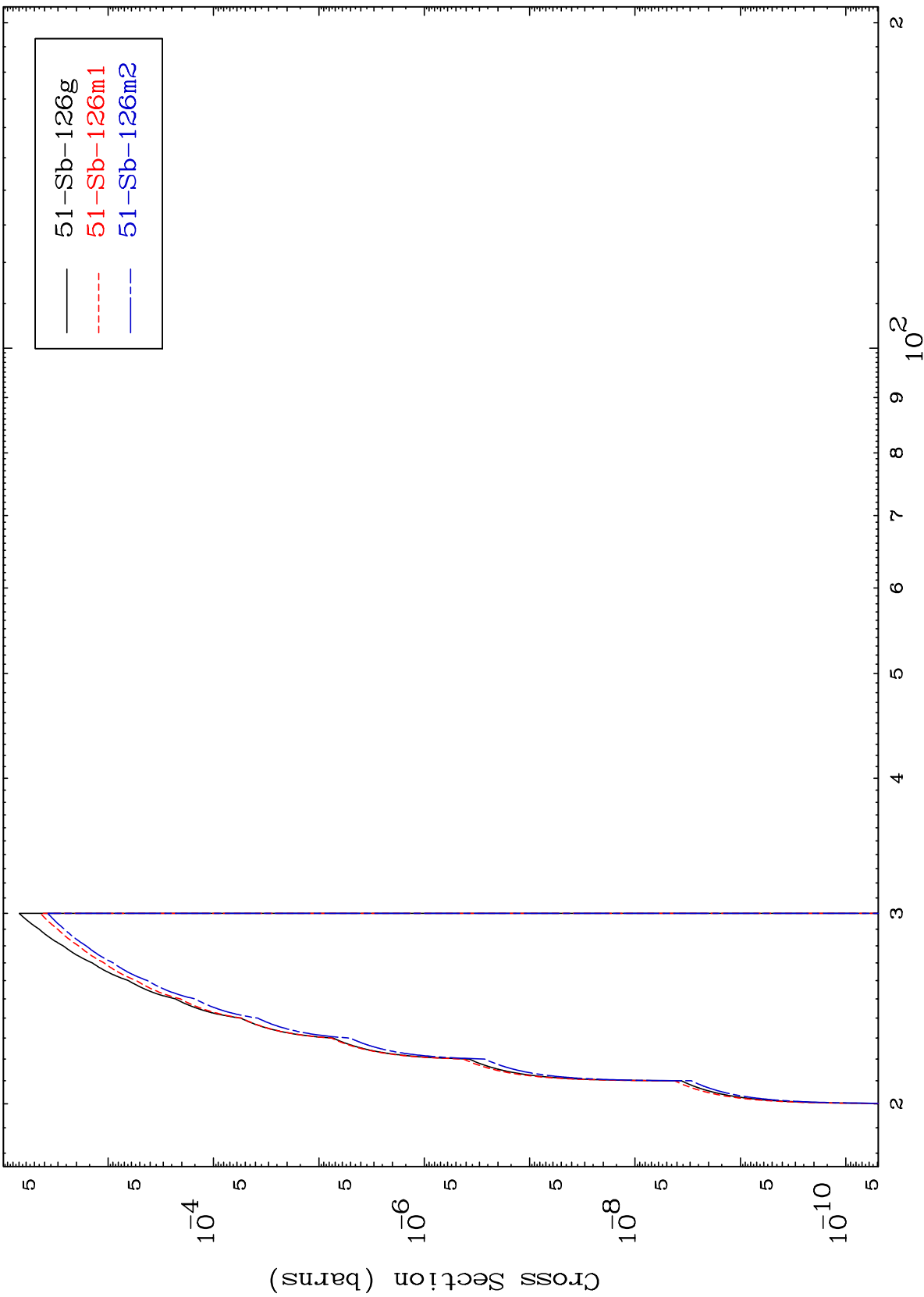
52-Te-128

MAT 5249

(n,2n) p

52-Te-128

Radionuclide Production Cross Section



130

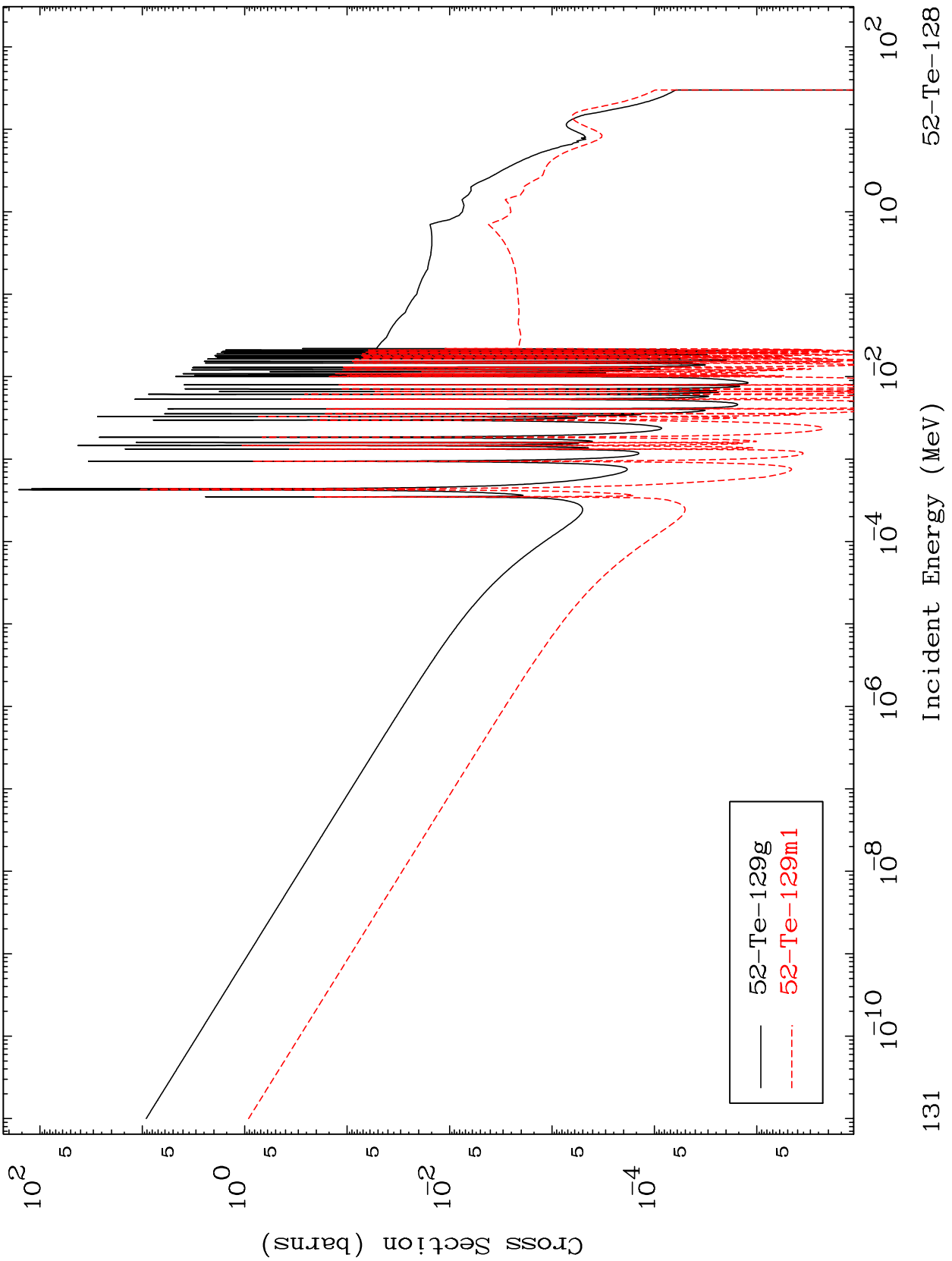
Incident Energy (MeV)

52-Te-128

MAT 5249

52-Te-128

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

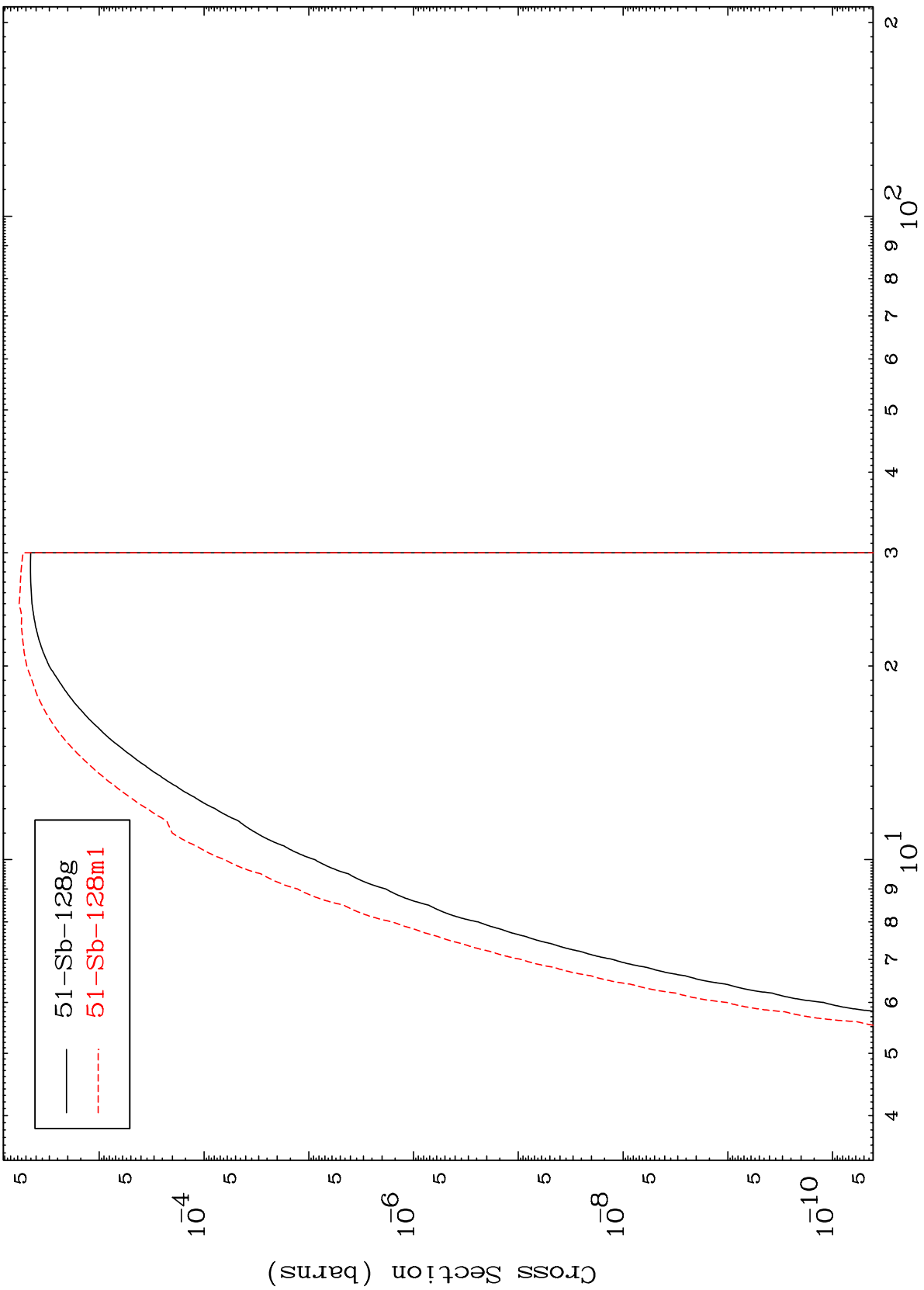


— 52-Te-129g  
- - - 52-Te-129m1

MAT 5249

52-Te-128

(n,p)  
Radionuclide Production Cross Section



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

52-Te-128

Incident Energy (MeV)

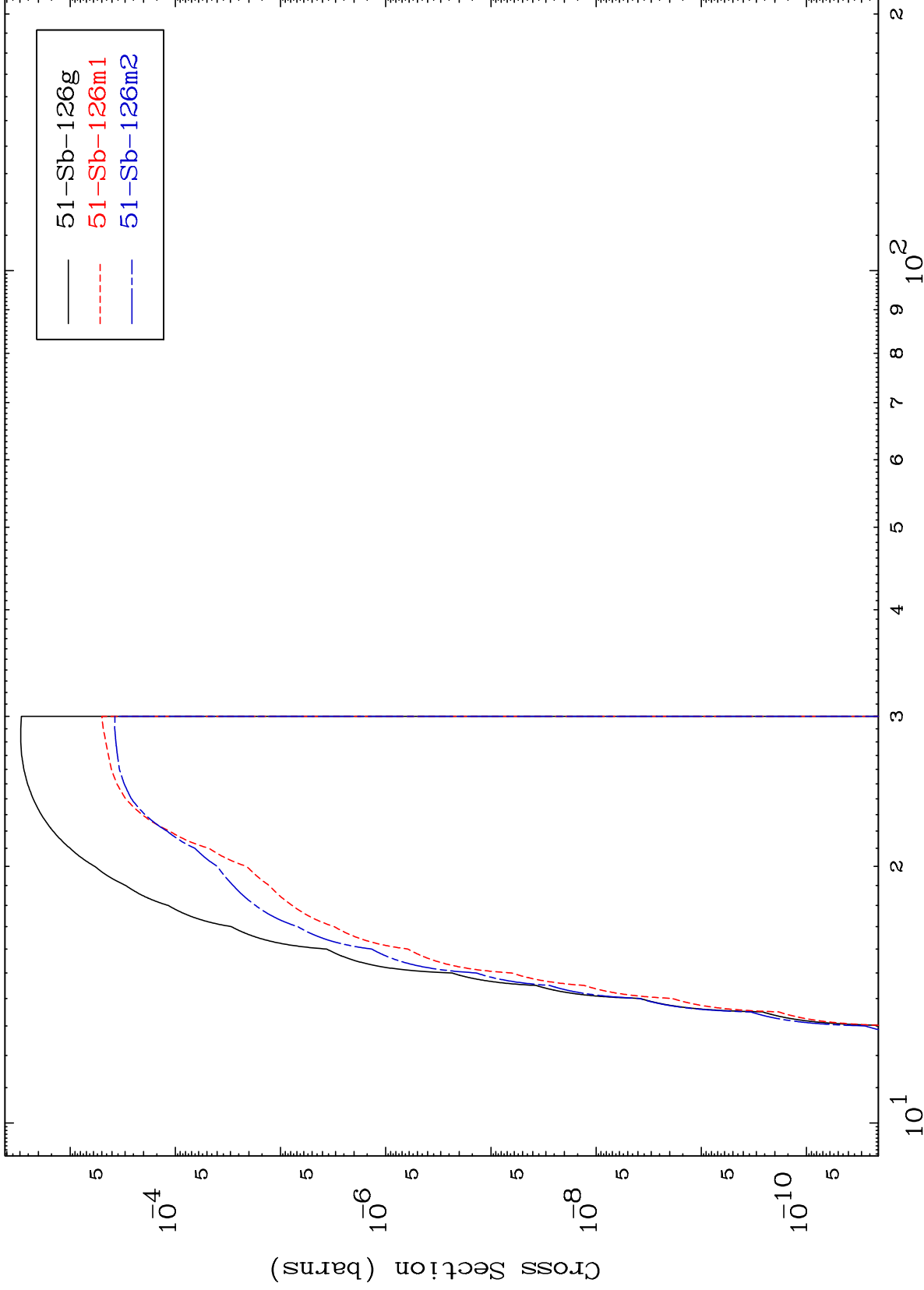
132

MAT 5249

(n, t)

52-Te-128

Radionuclide Production Cross Section



Incident Energy (MeV)

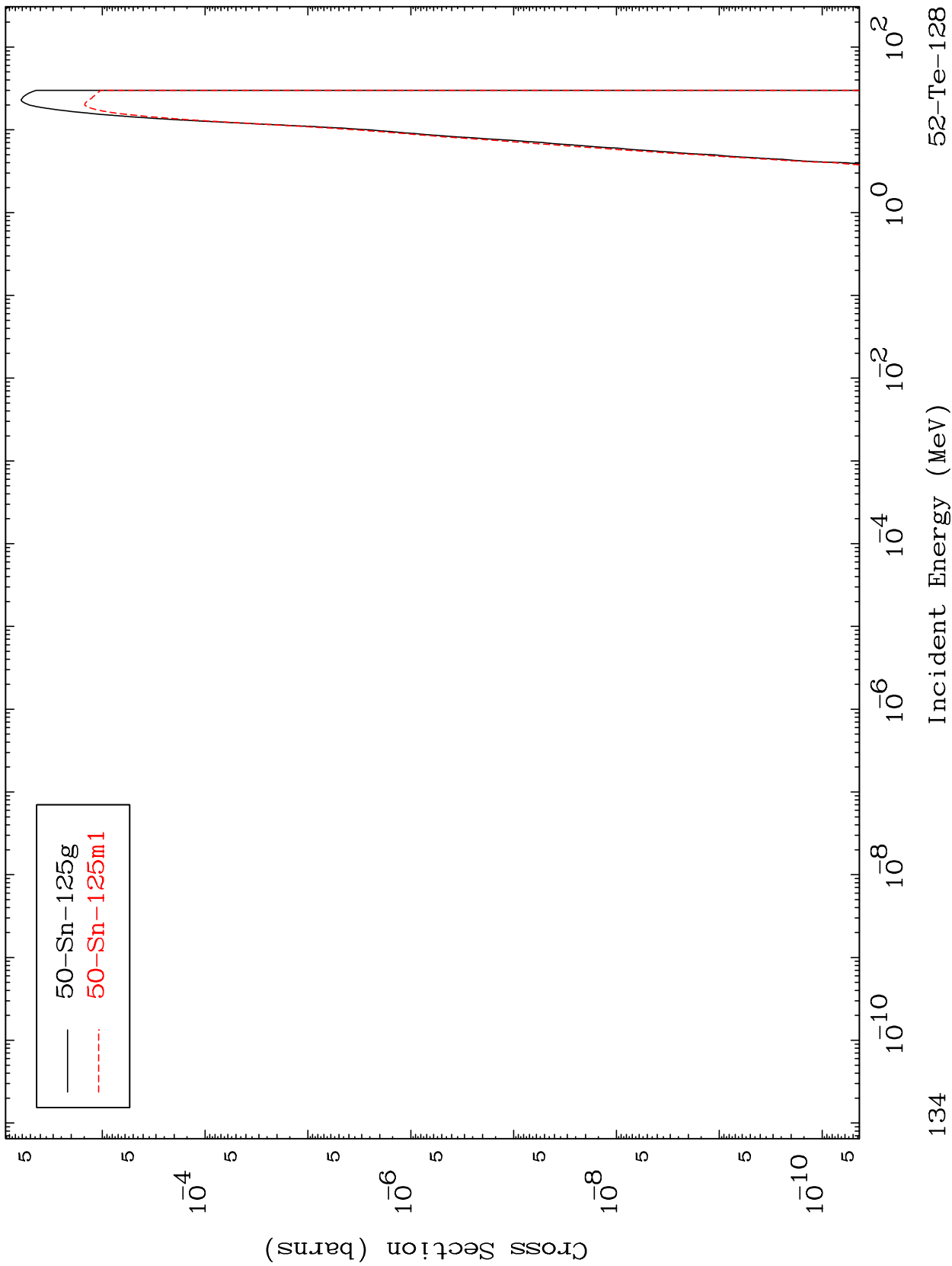
52-Te-128

133

MAT 5249

52-Te-128

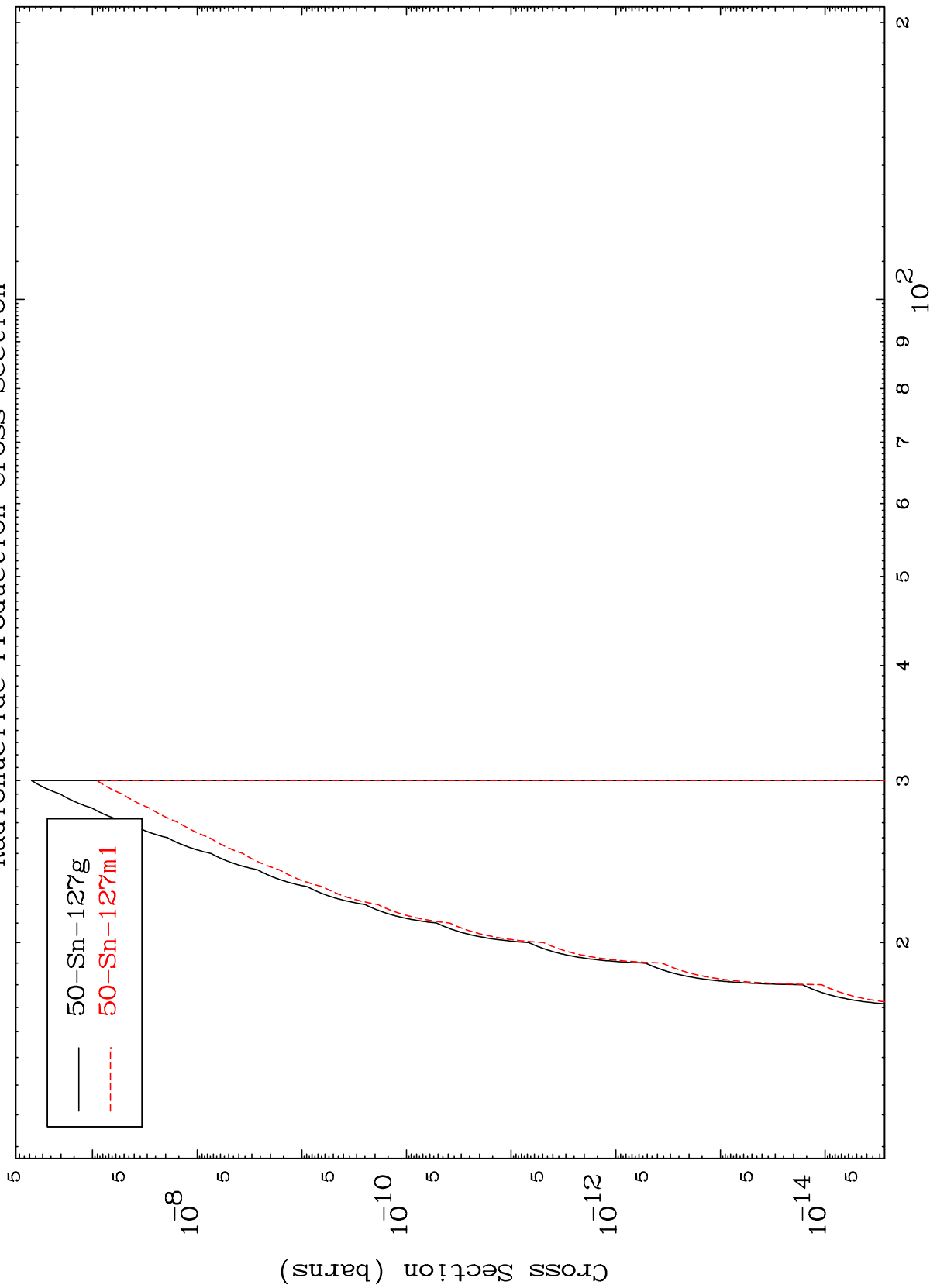
(n,  $\alpha$ )  
Radionuclide Production Cross Section



MAT 5249

52-Te-128

(n,2p)  
Radionuclide Production Cross Section



135

Incident Energy (MeV)

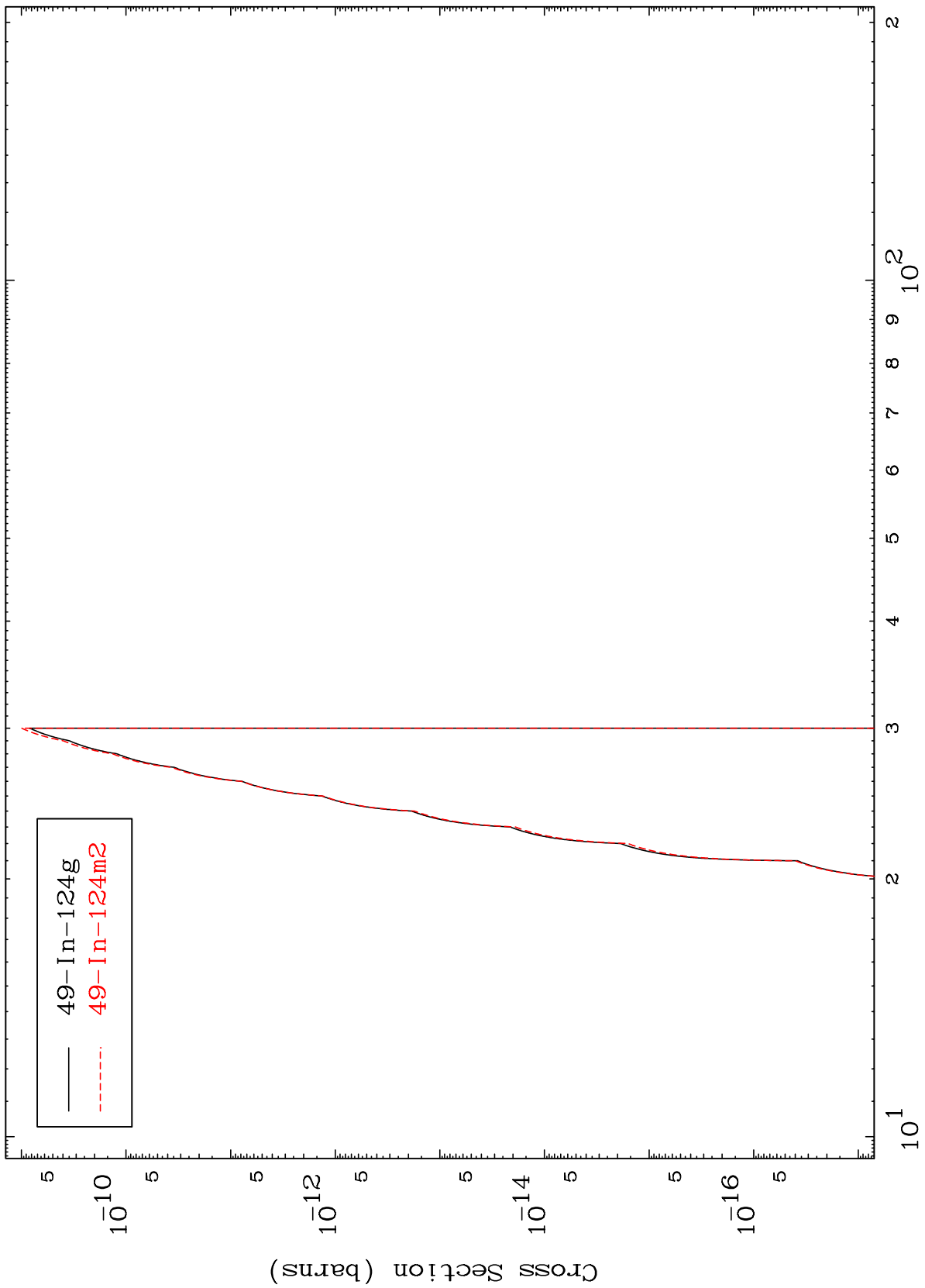
52-Te-128

MAT 5249

(n,p)  $\alpha$

52-Te-128

Radionuclide Production Cross Section



136

Incident Energy (MeV)

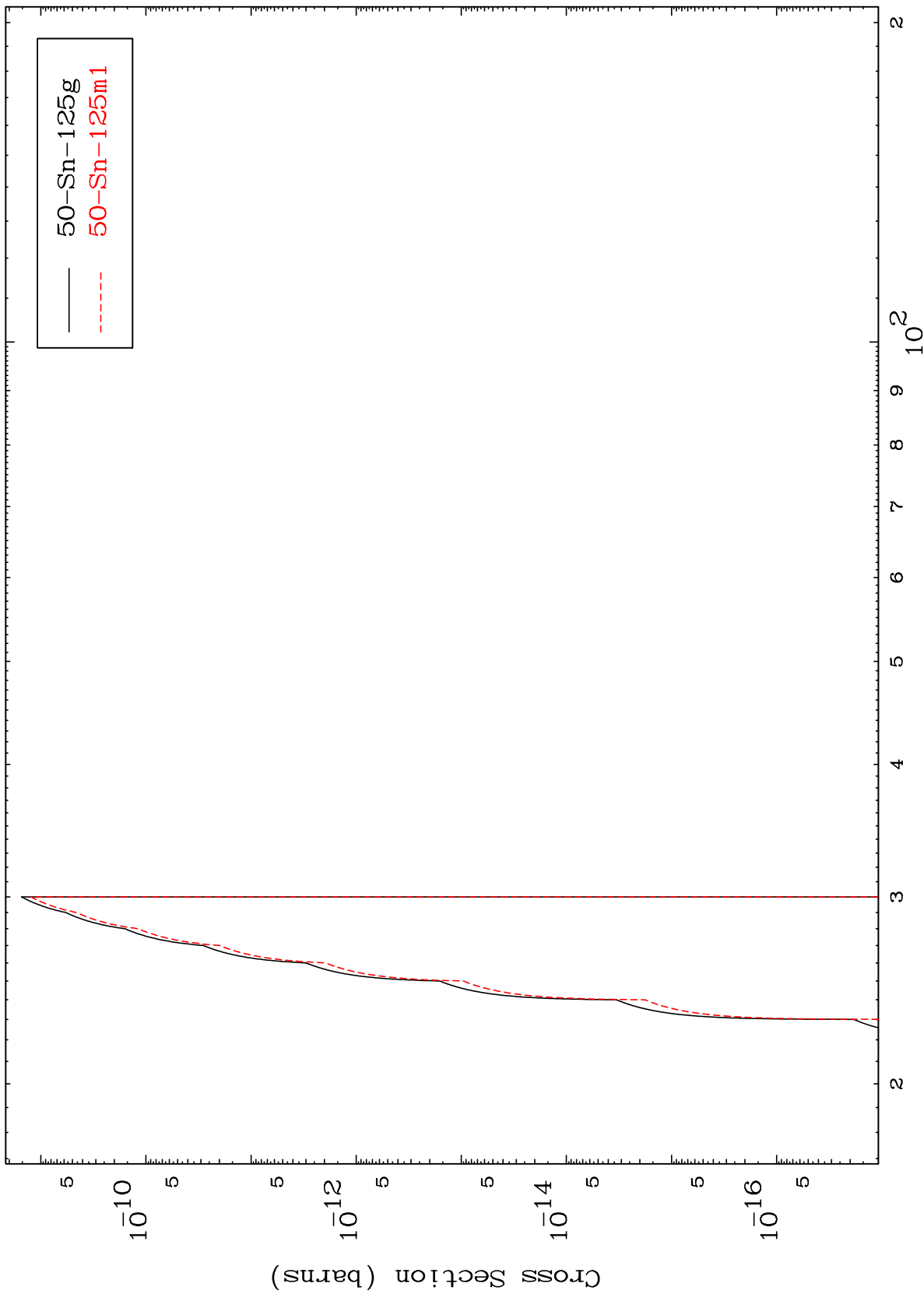
52-Te-128

MAT 5249

(n,p) t

52-Te-128

Radionuclide Production Cross Section



137

Incident Energy (MeV)

52-Te-128