

Program EVALPLOT  
(Version 2018-1)

by

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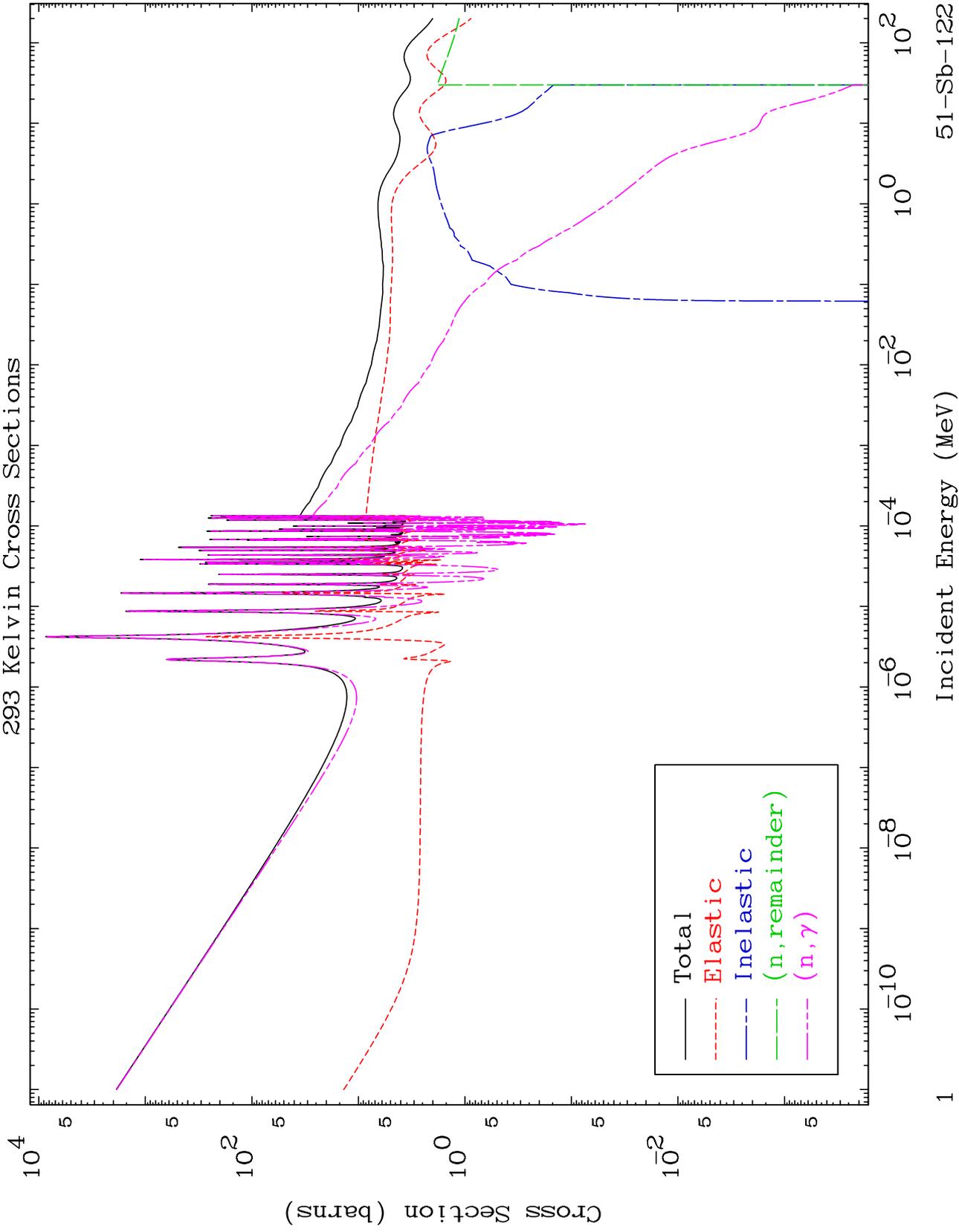
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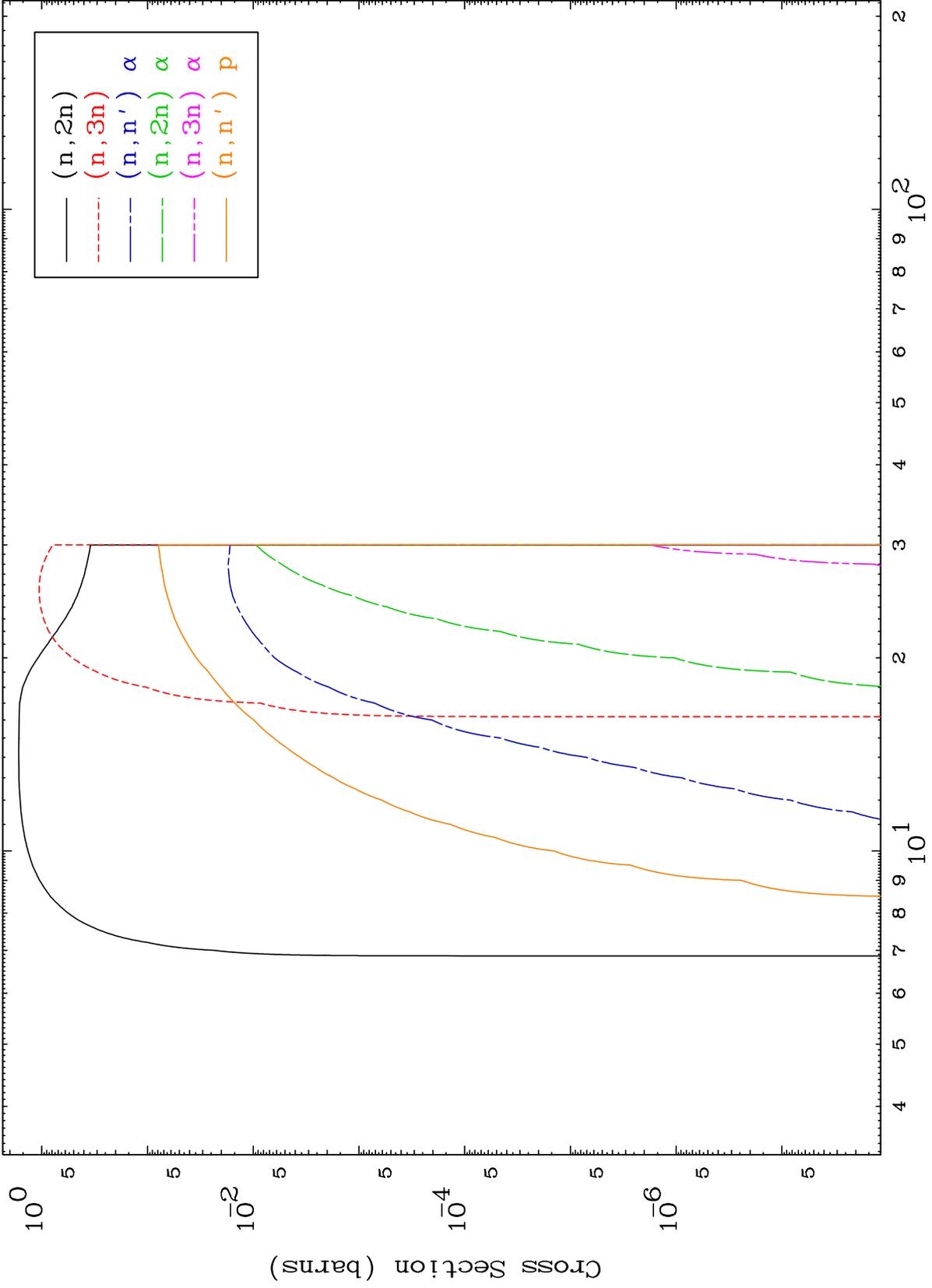
MAT 5128

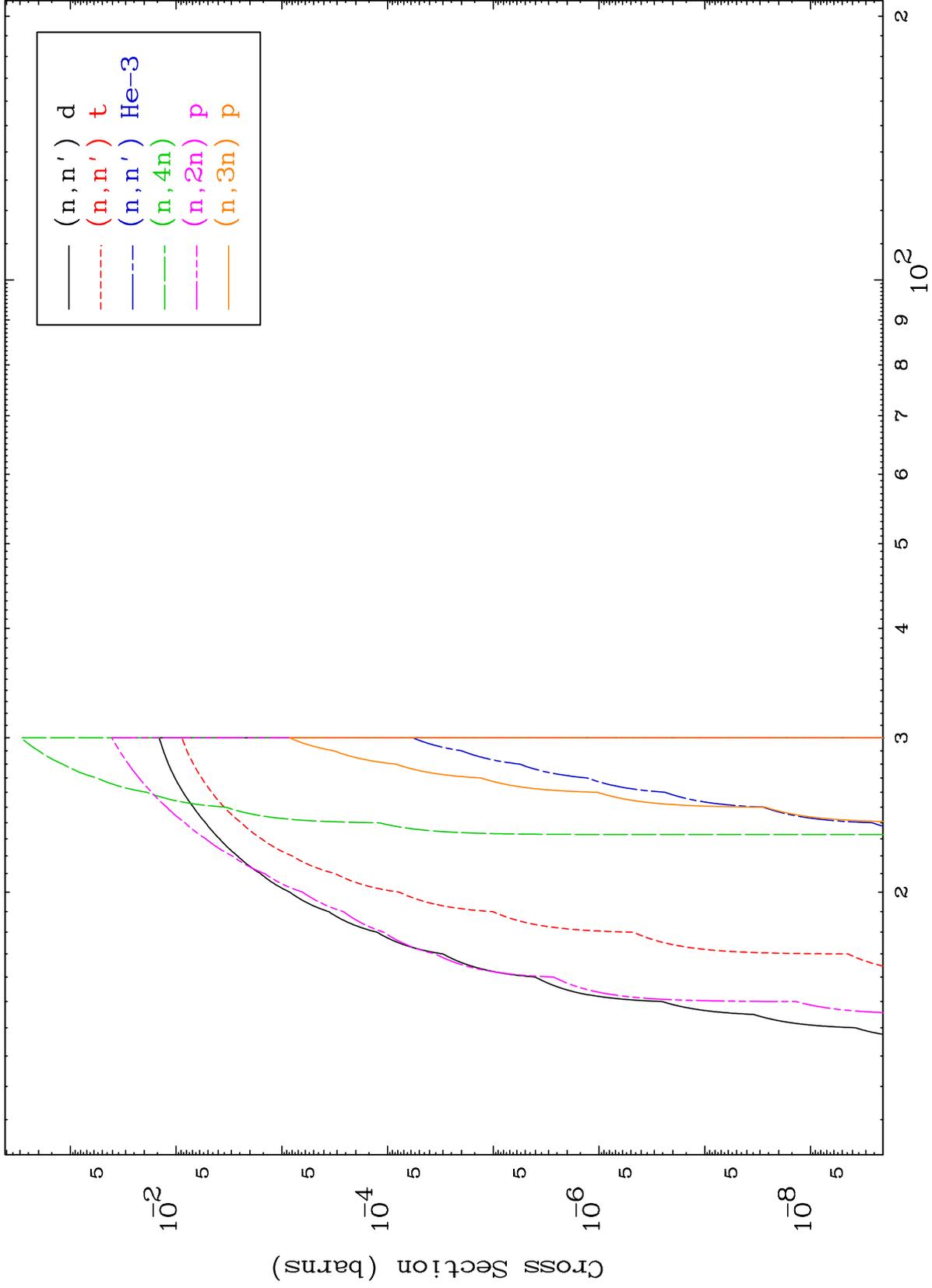
Major

293 Kelvin Cross Sections

51-Sb-122



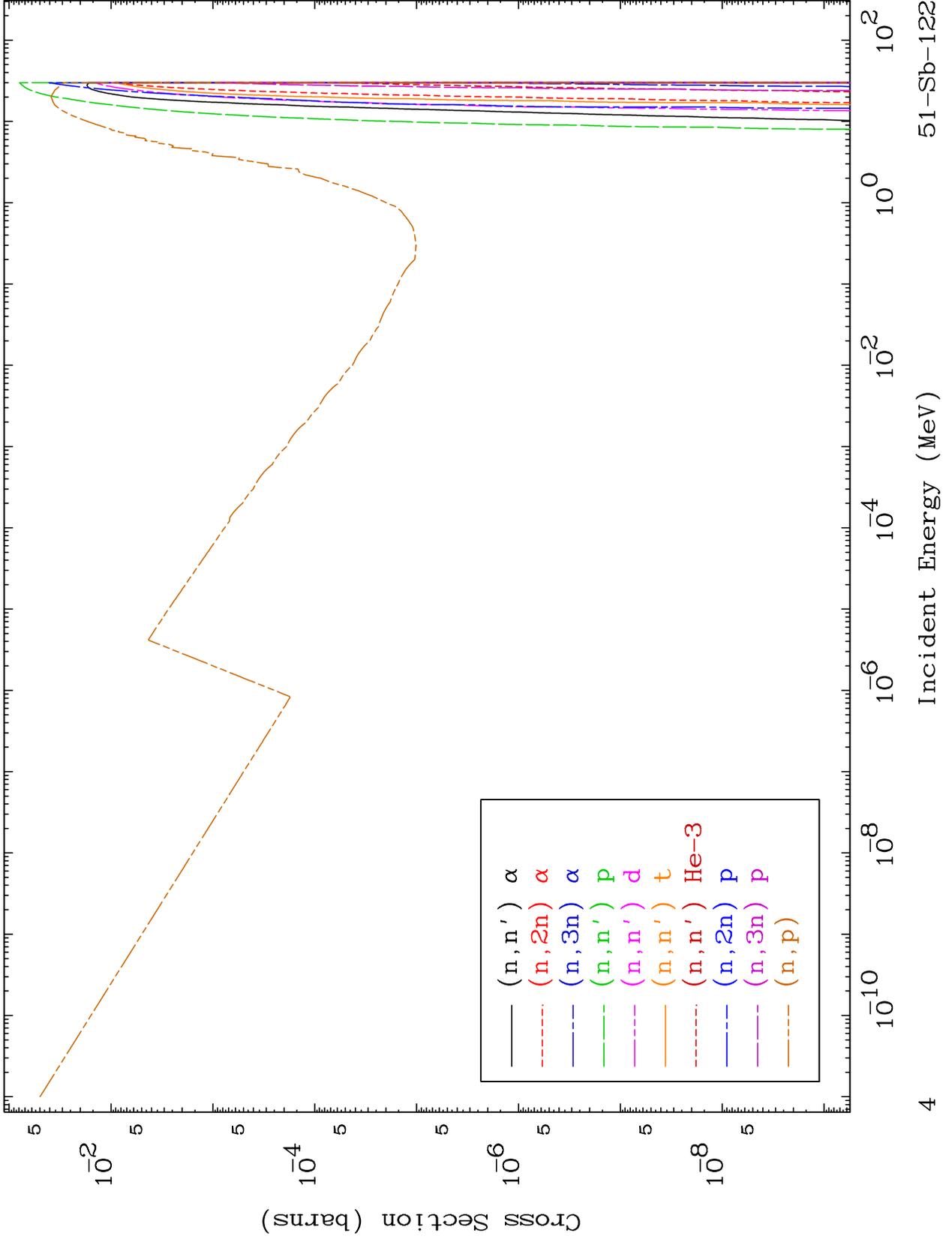


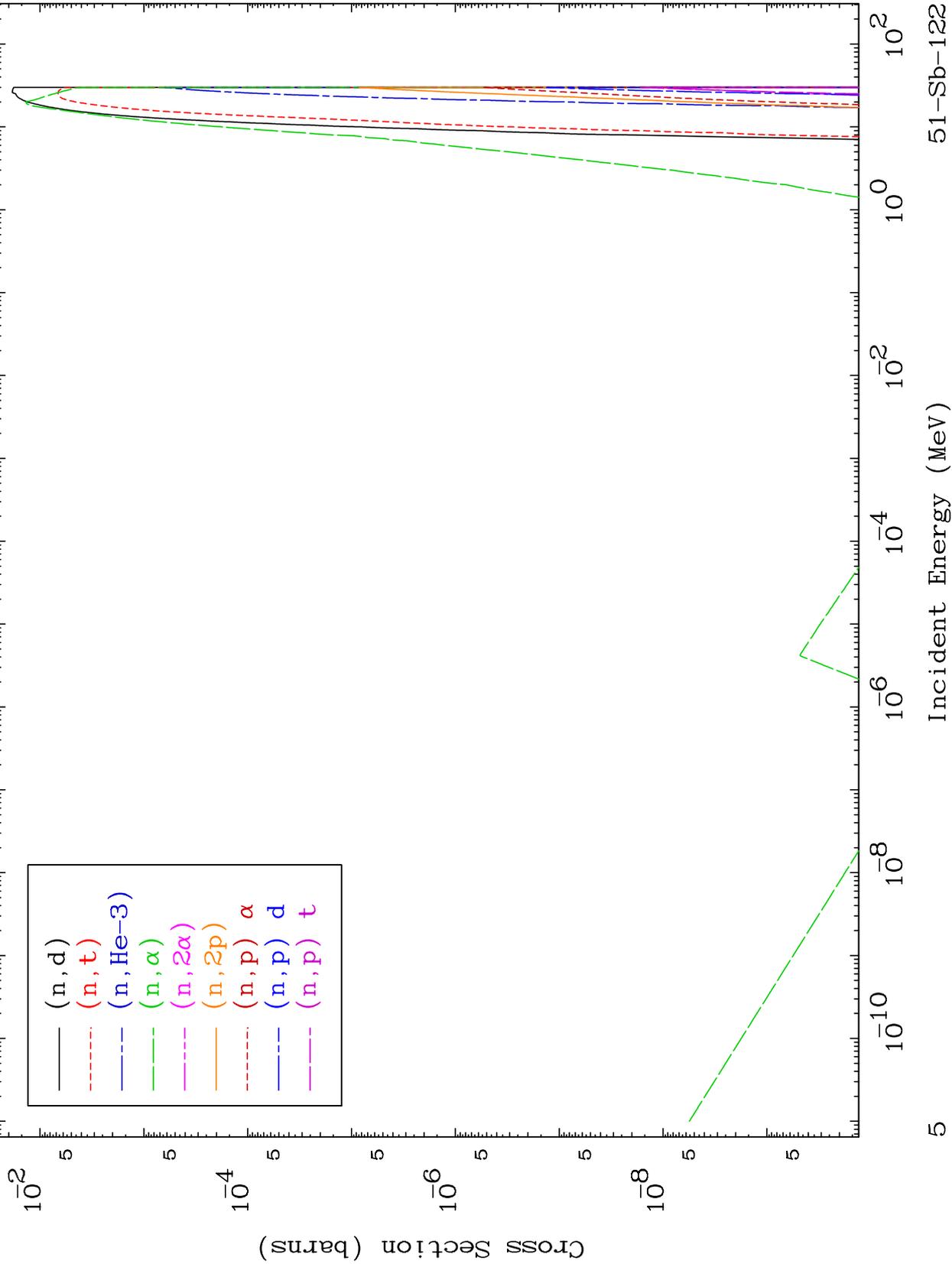


MAT 5128

Charged Particle  
293 Kelvin Cross Sections

51-Sb-122

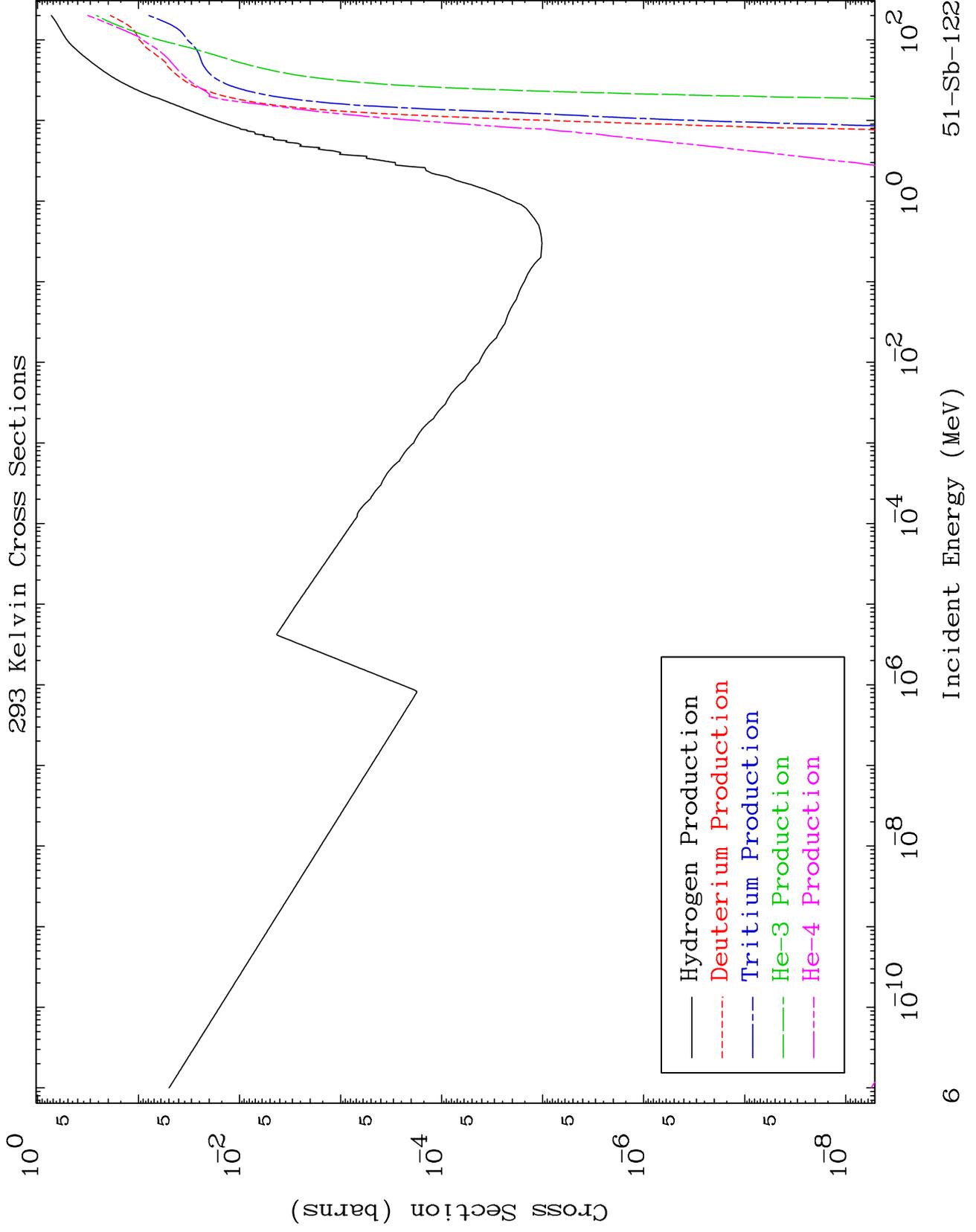




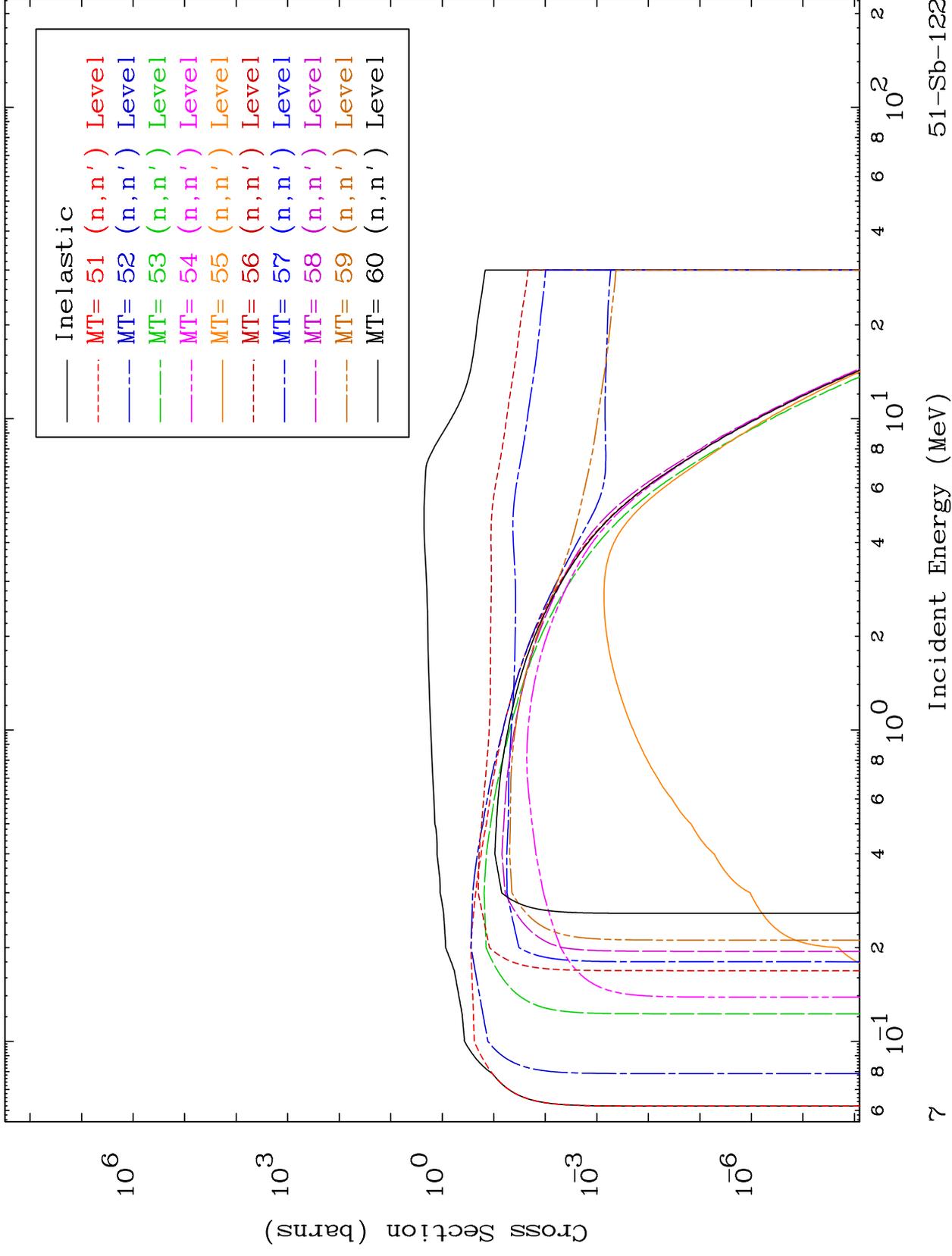
MAT 5128

Particle Production  
293 Kelvin Cross Sections

51-Sb-122



293 Kelvin Cross Sections

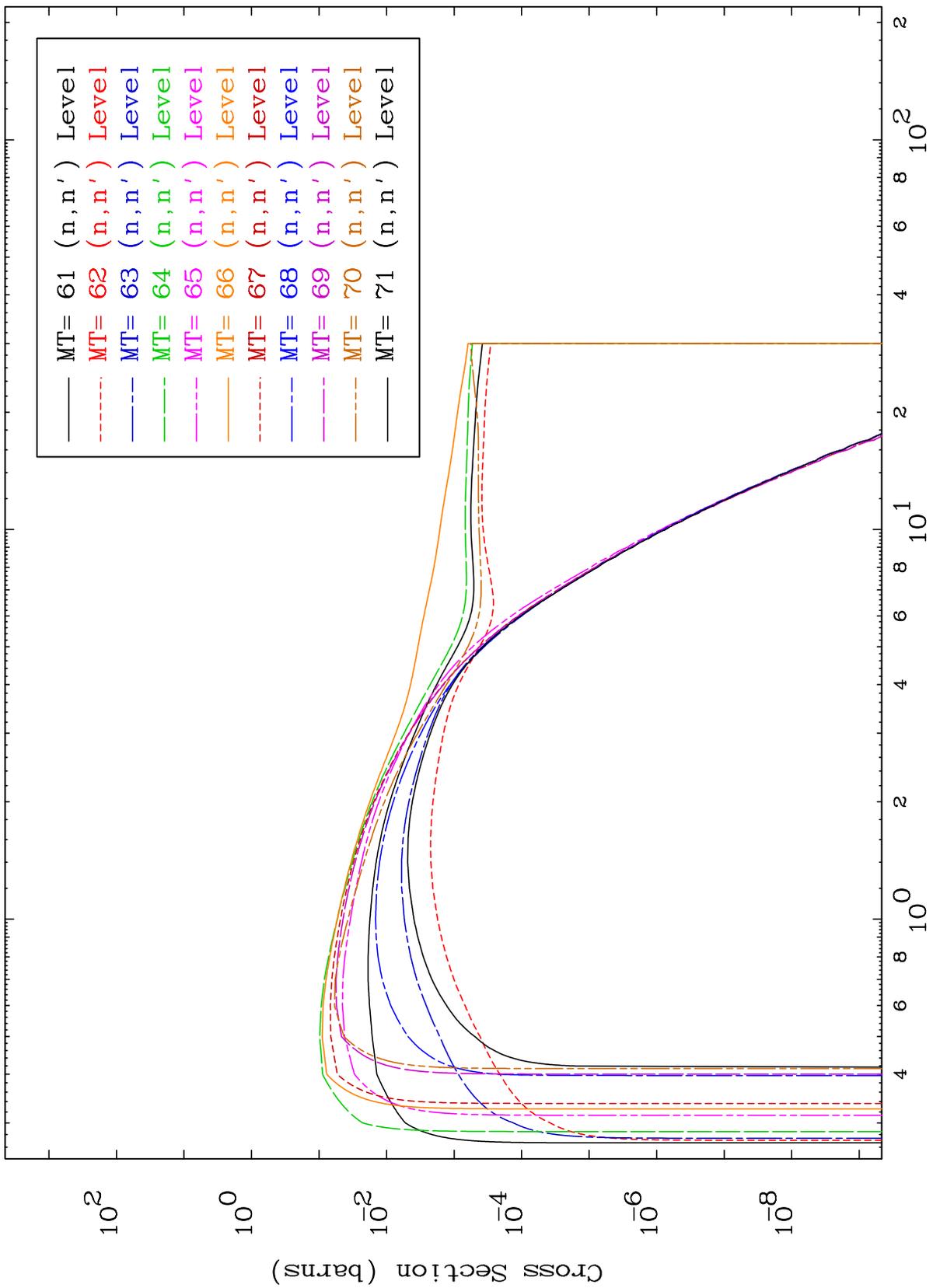


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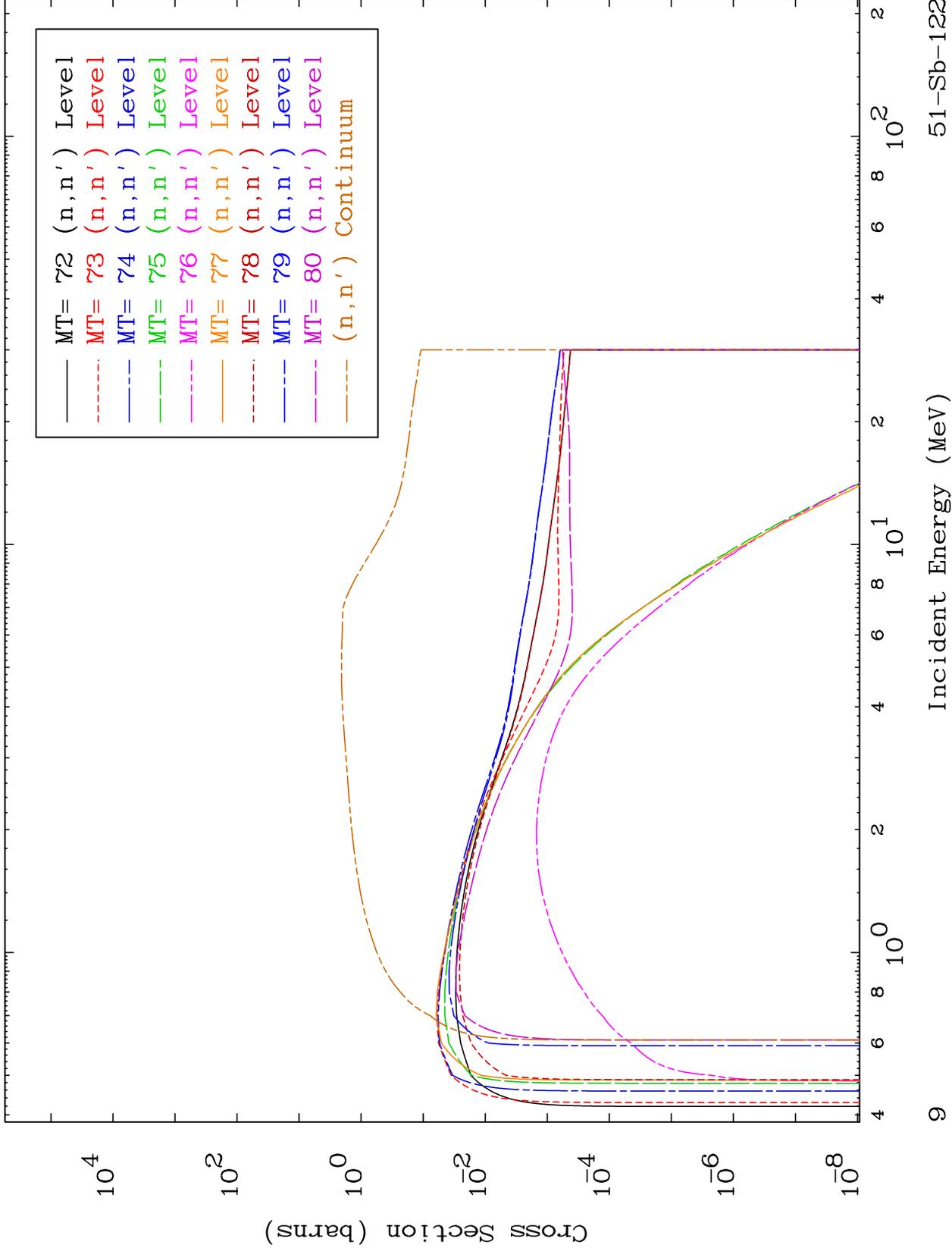
(n,n') Level

51-Sb-122

293 Kelvin Cross Sections



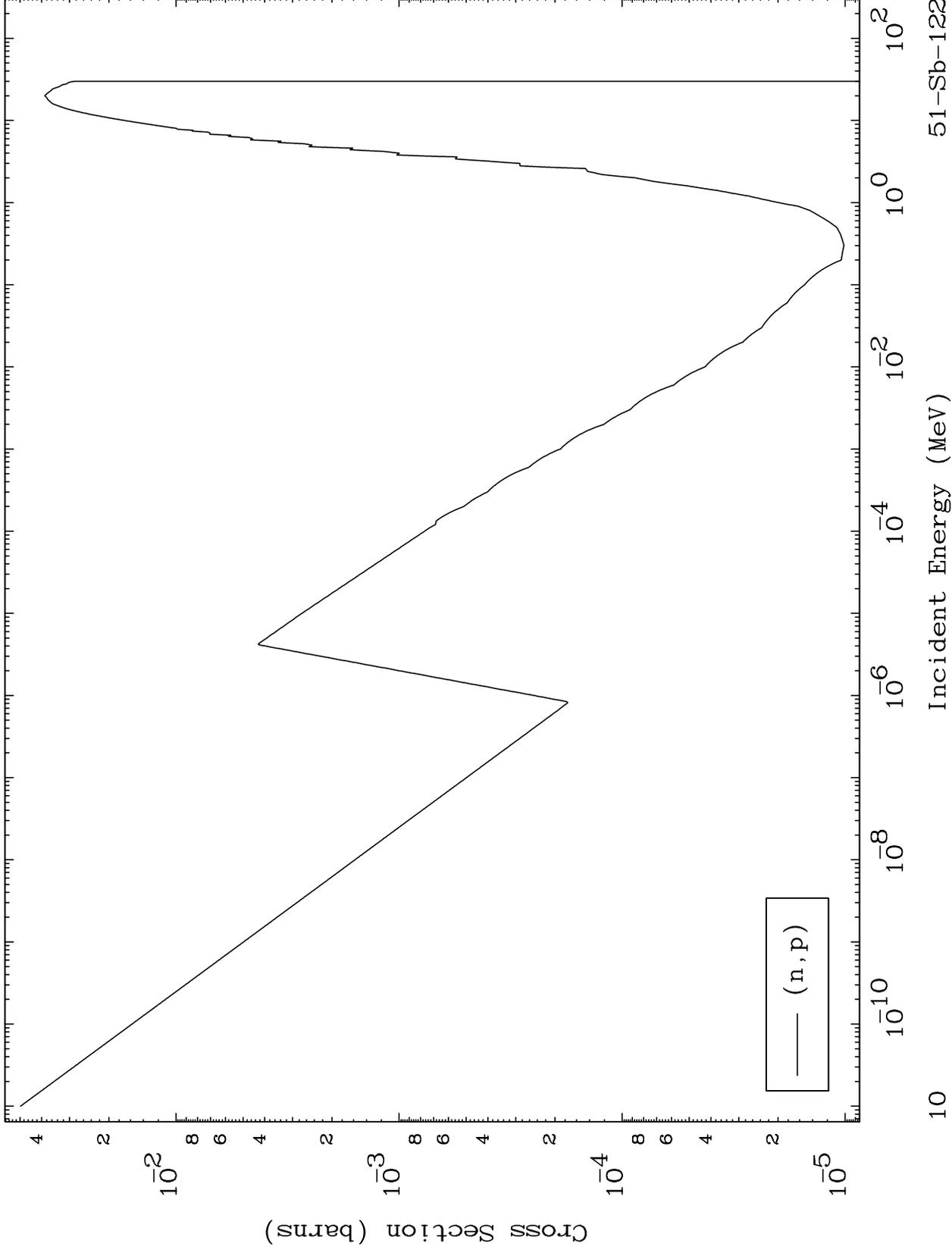
293 Kelvin Cross Sections



MAT 5128

(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-122



10

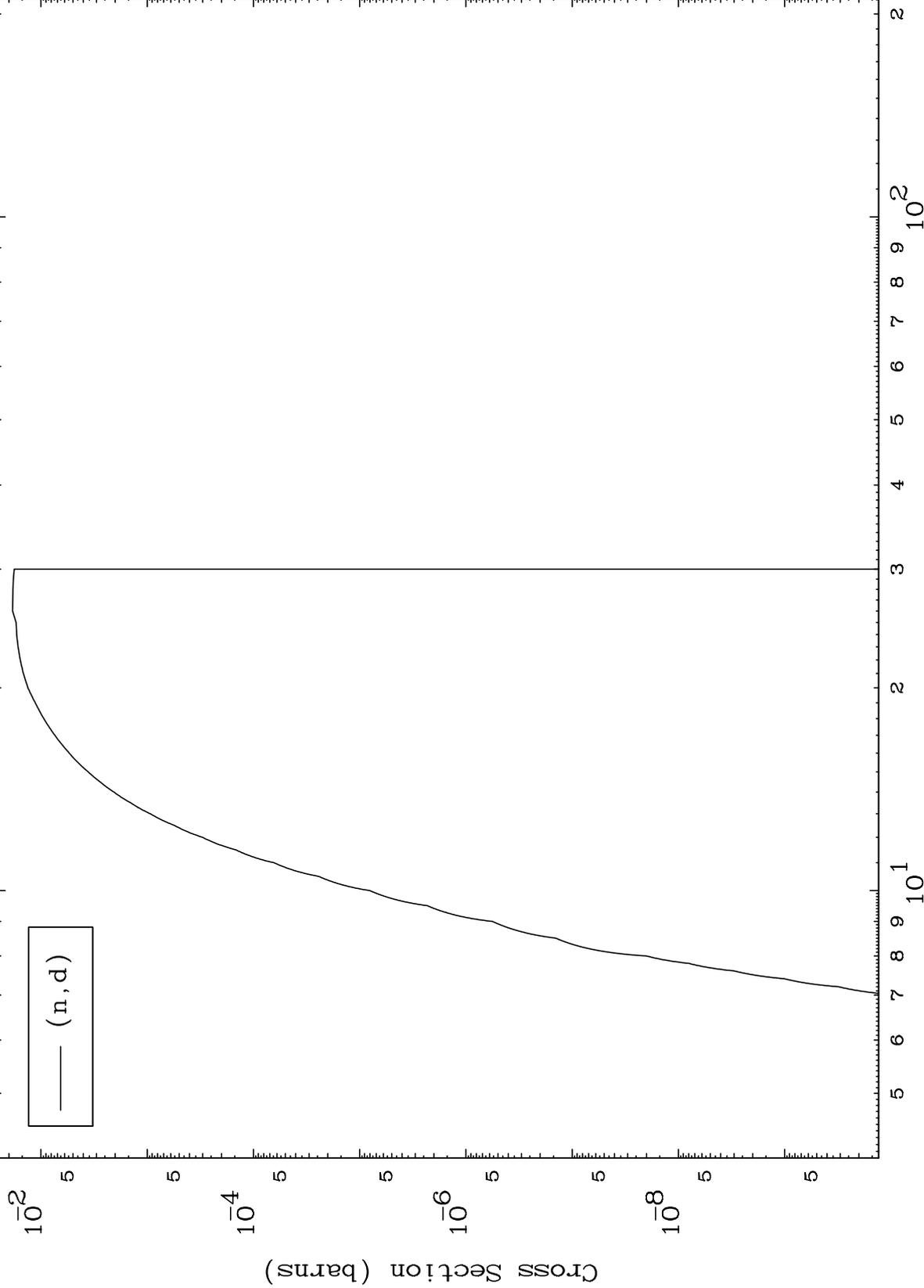
Incident Energy (MeV)

51-Sb-122

MAT 5128

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-122

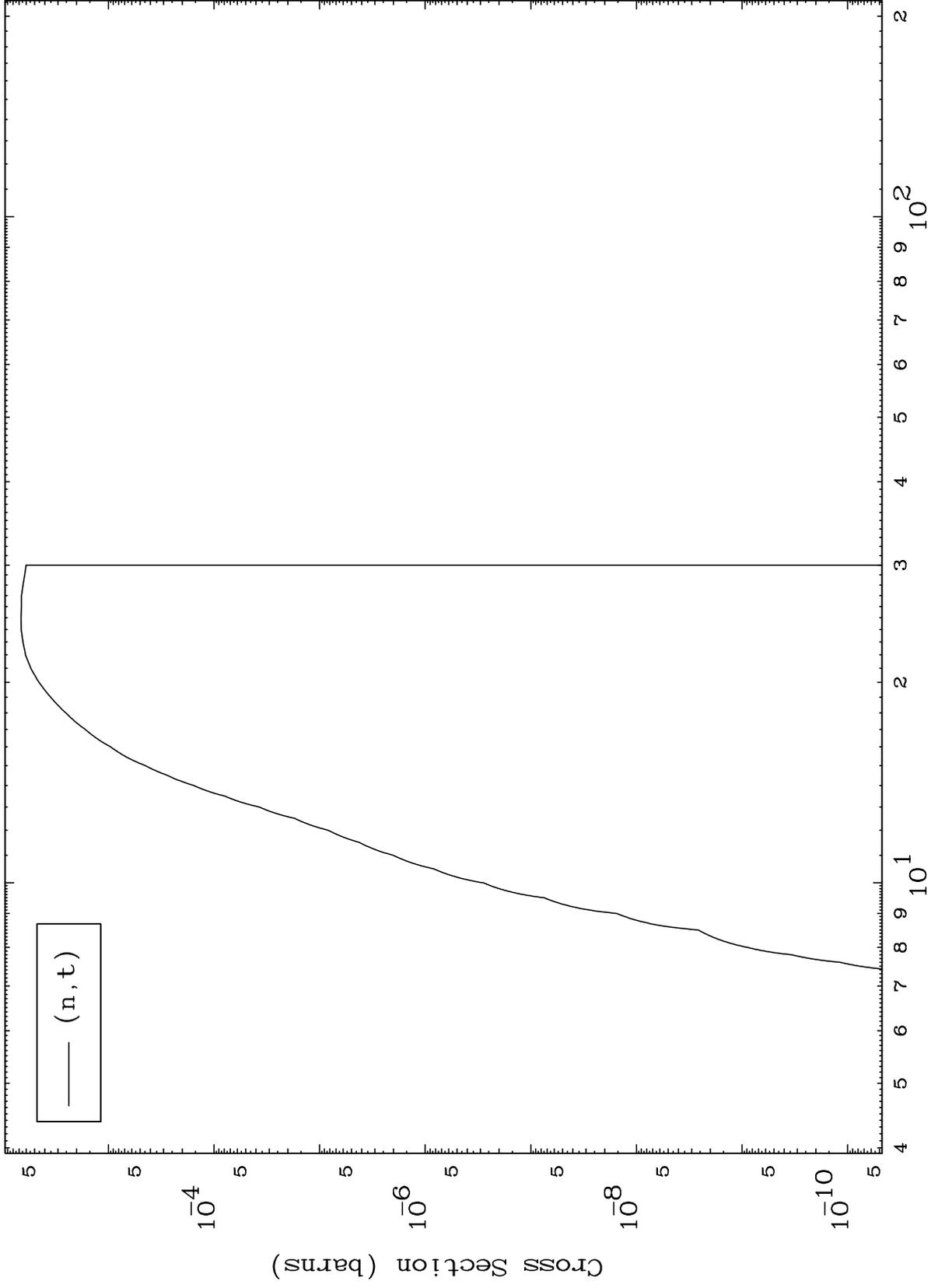


(n,d)

MAT 5128

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-122



12

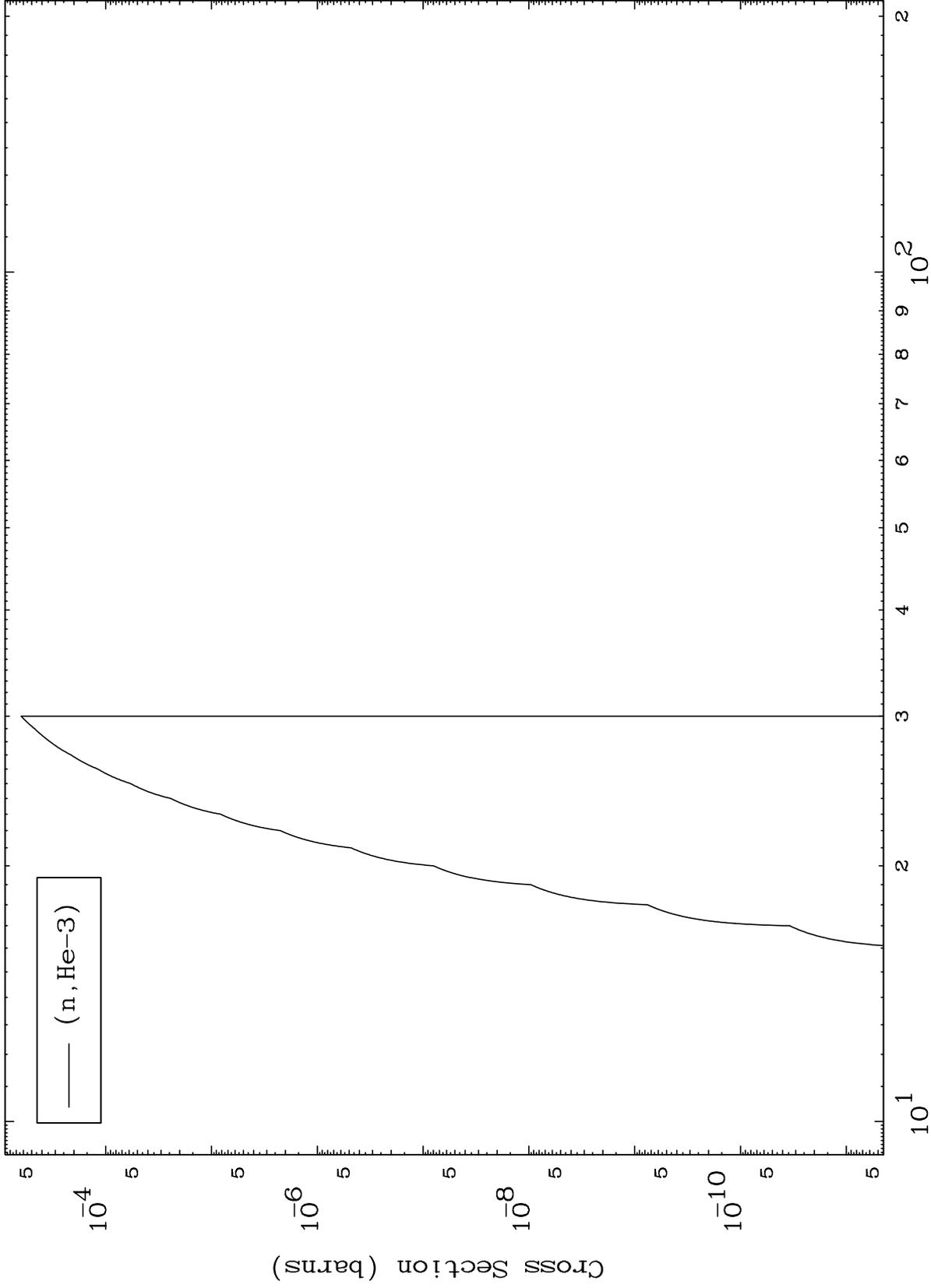
Incident Energy (MeV)

51-Sb-122

MAT 5128

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-122



51-Sb-122

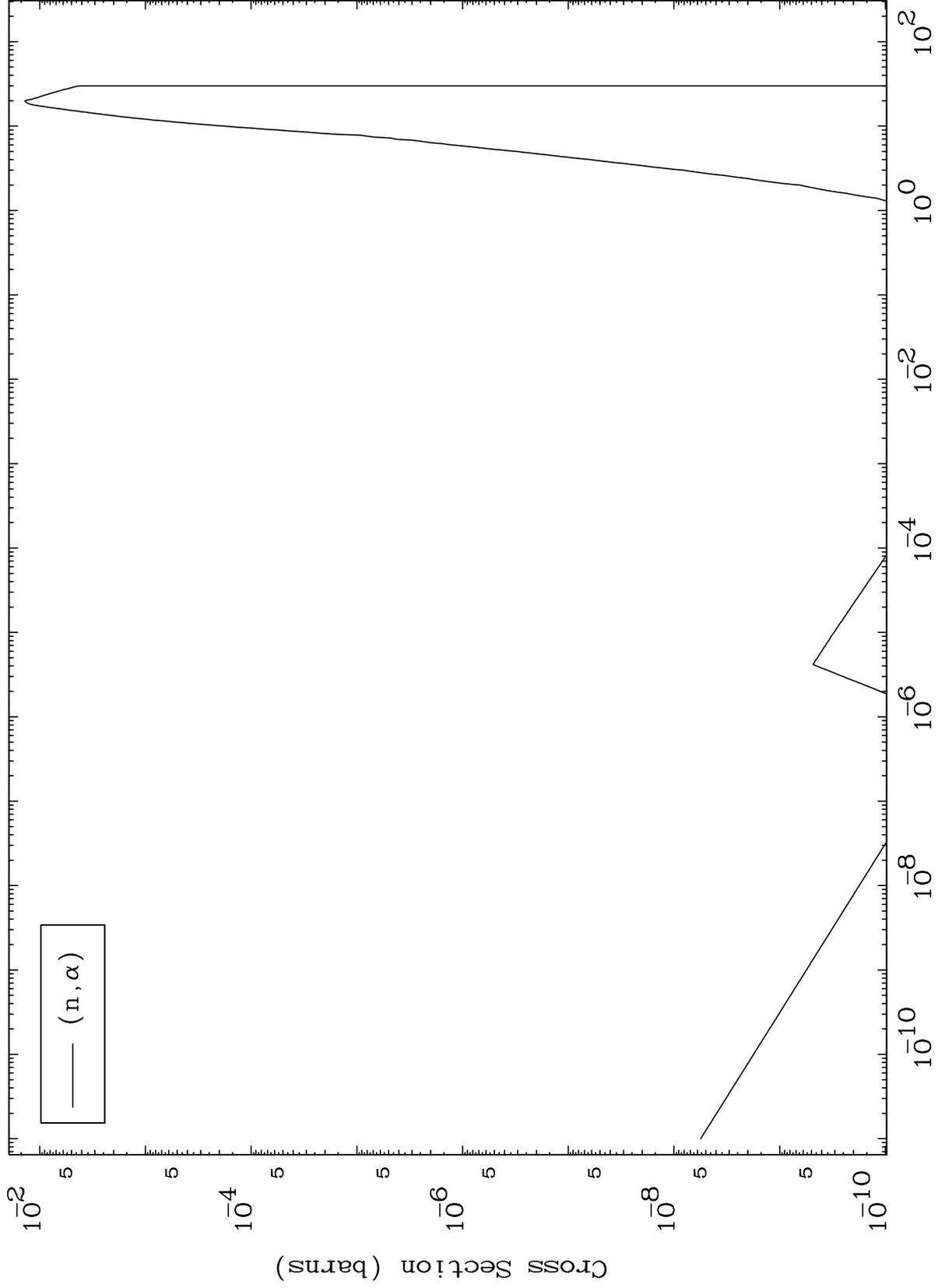
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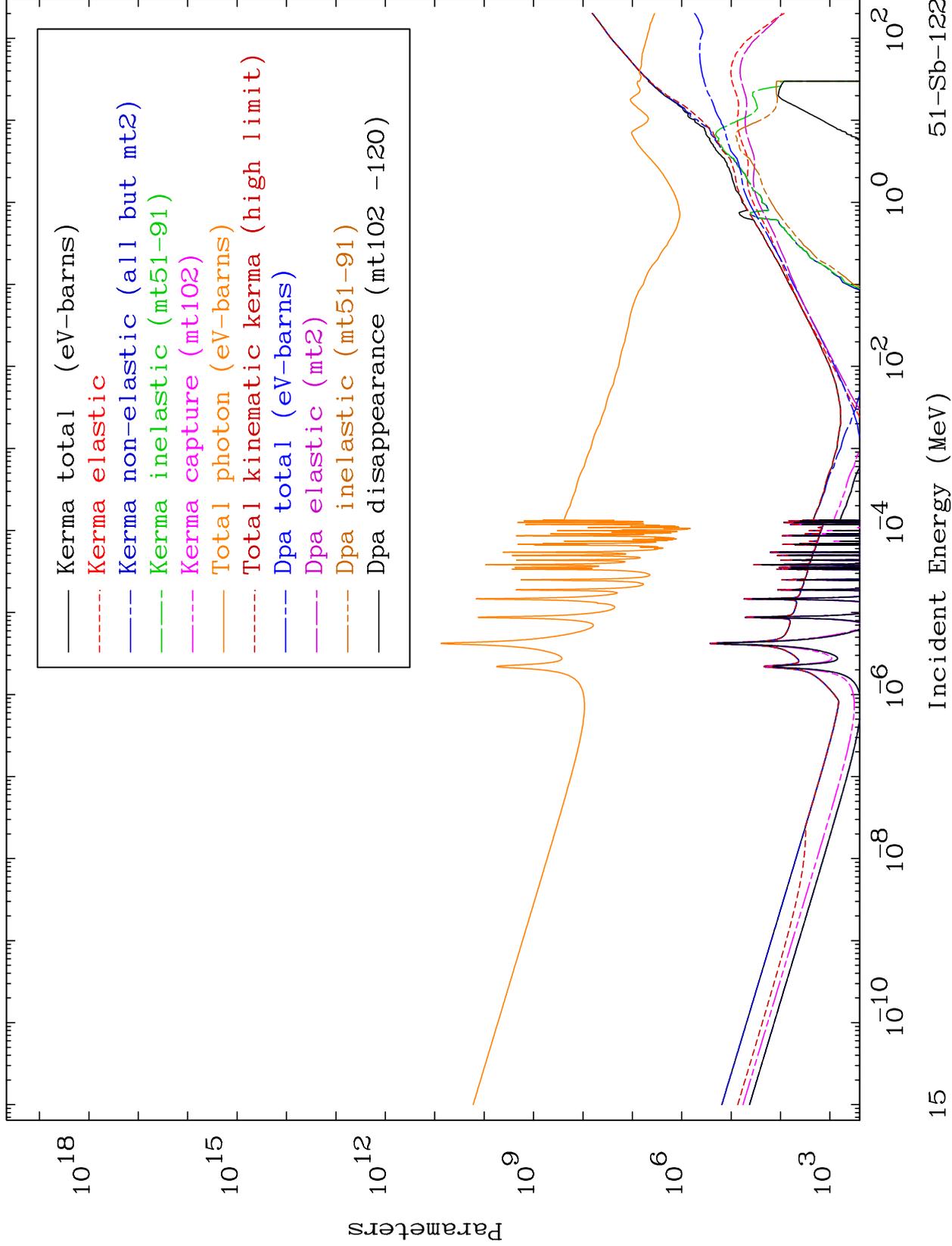
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MAT 5128

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

51-Sb-122

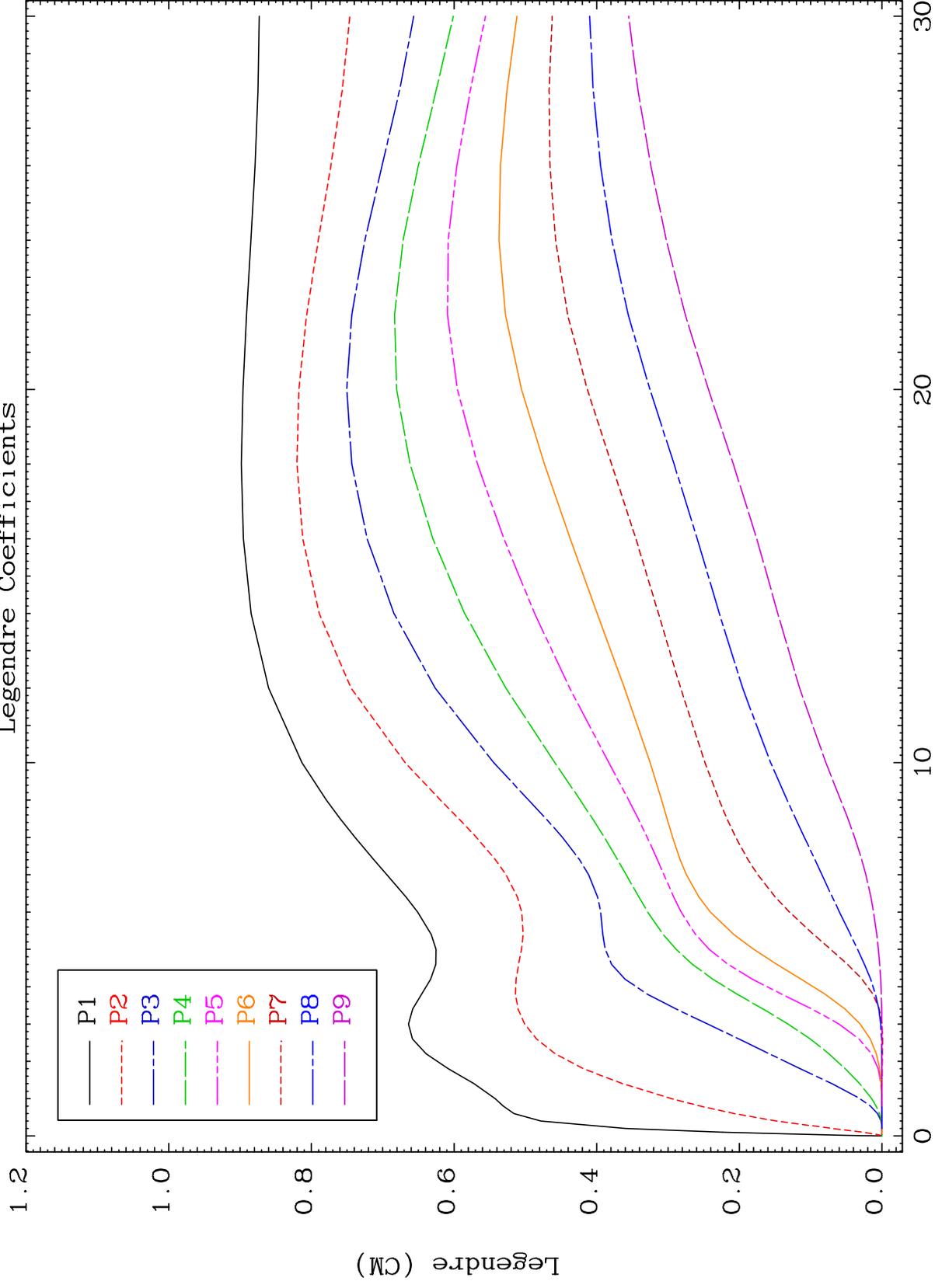




MAT 5128

Elastic Legendre Coefficients

51-Sb-122



16

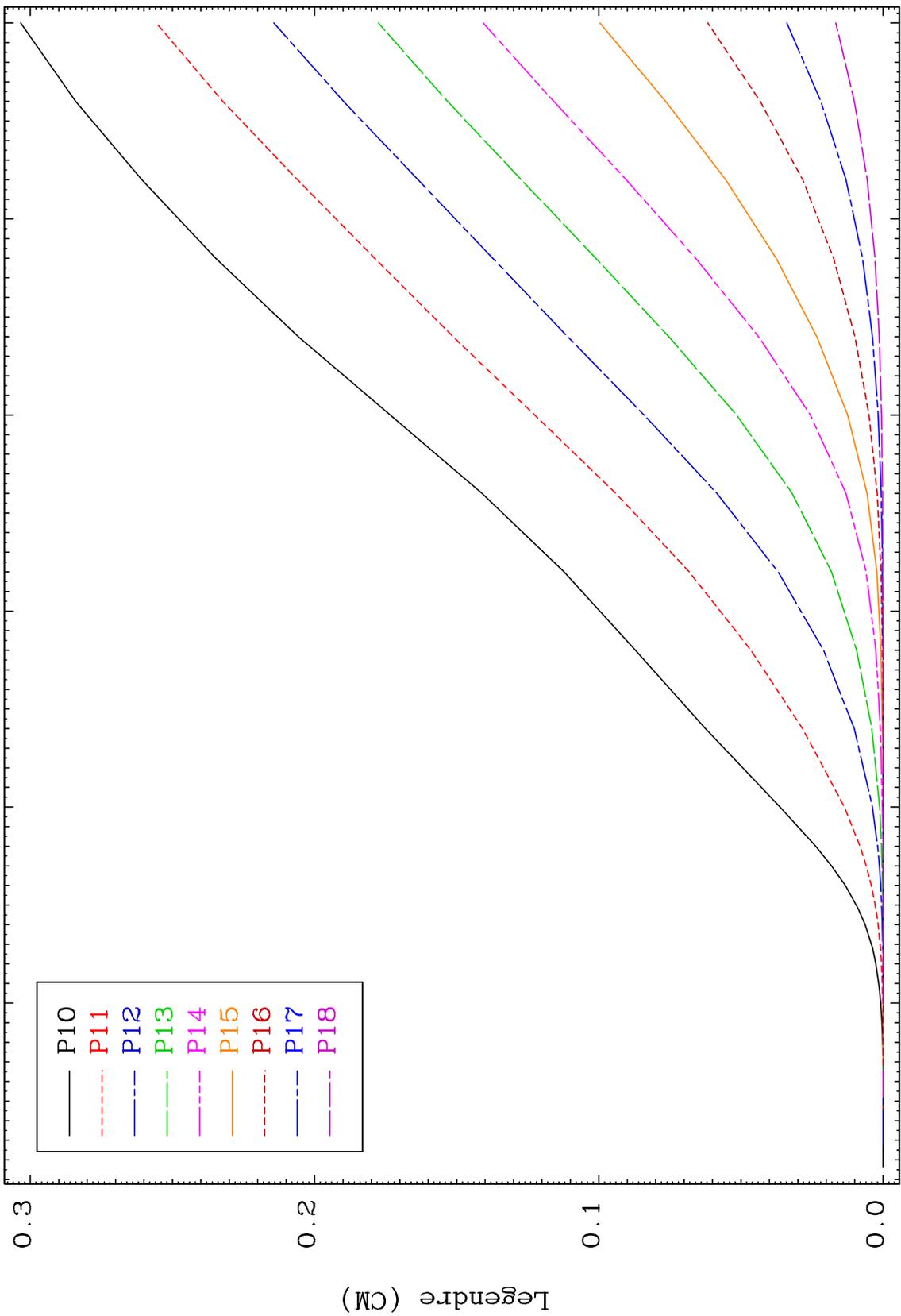
Incident Energy (MeV)

51-Sb-122

MAT 5128

Elastic Legendre Coefficients

51-Sb-122



17

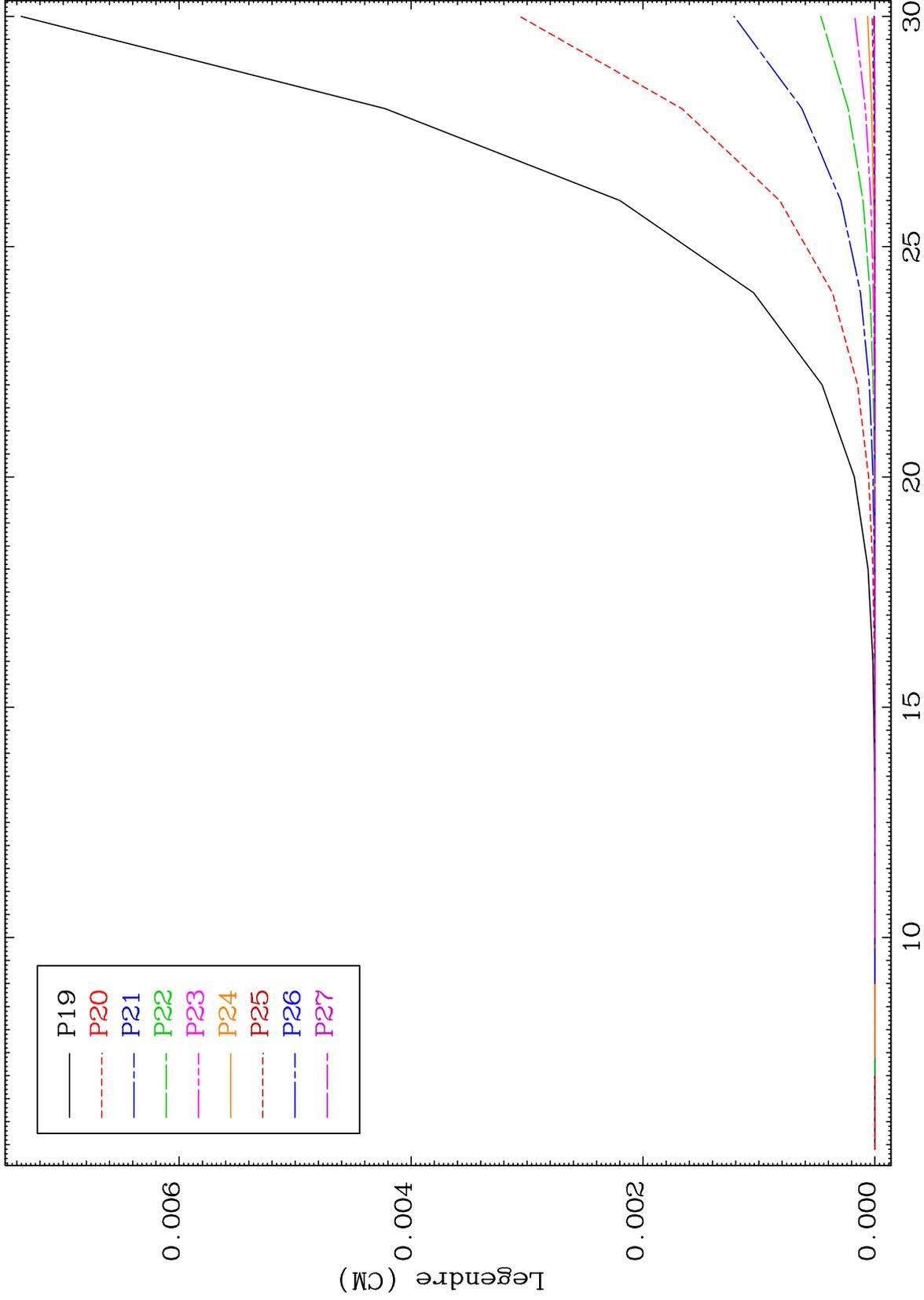
Incident Energy (MeV)

51-Sb-122

MAT 5128

### Elastic Legendre Coefficients

51-Sb-122



18

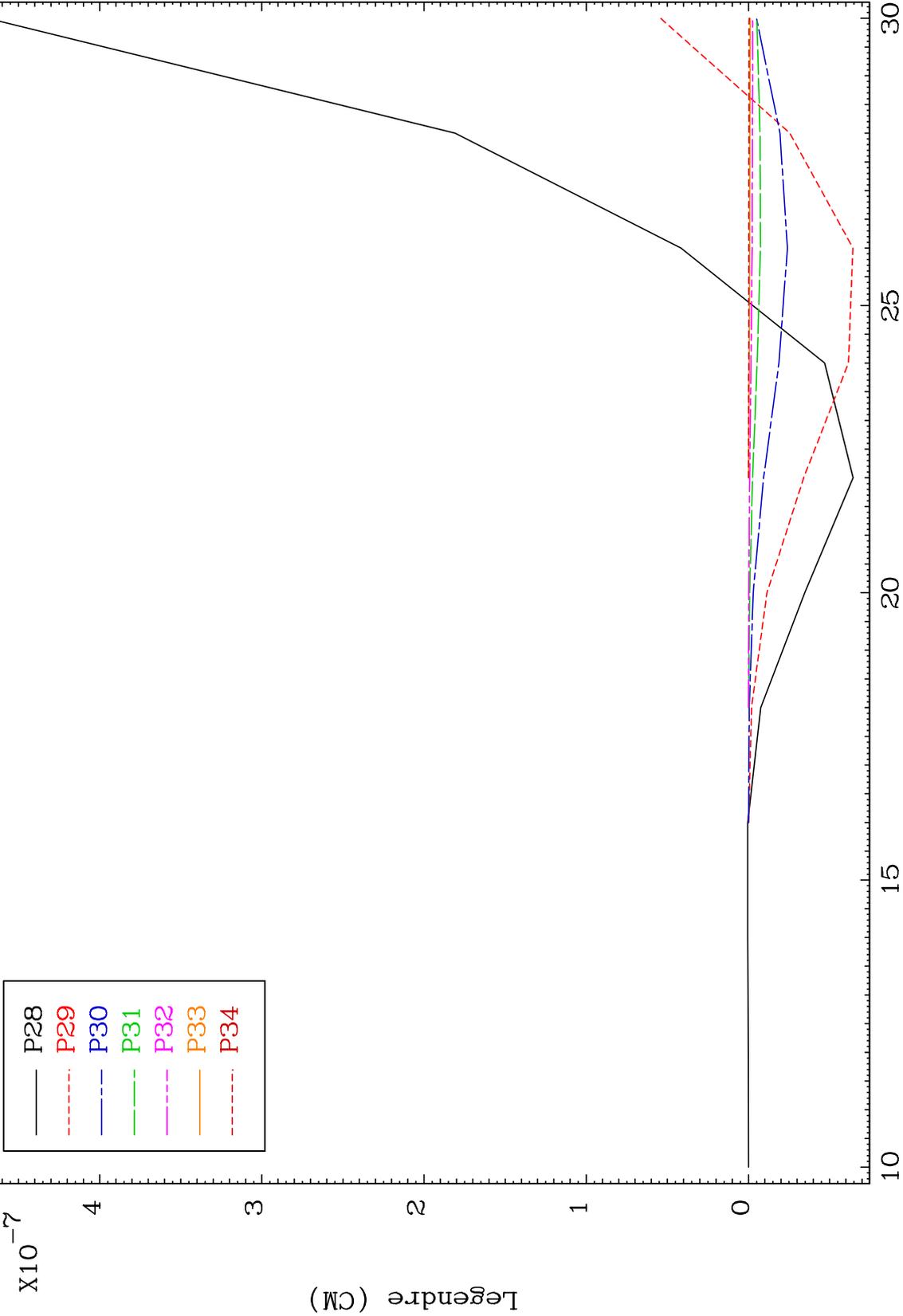
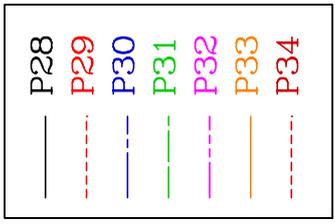
Incident Energy (MeV)

51-Sb-122

MAT 5128

Elastic Legendre Coefficients

51-Sb-122



19

Incident Energy (MeV)

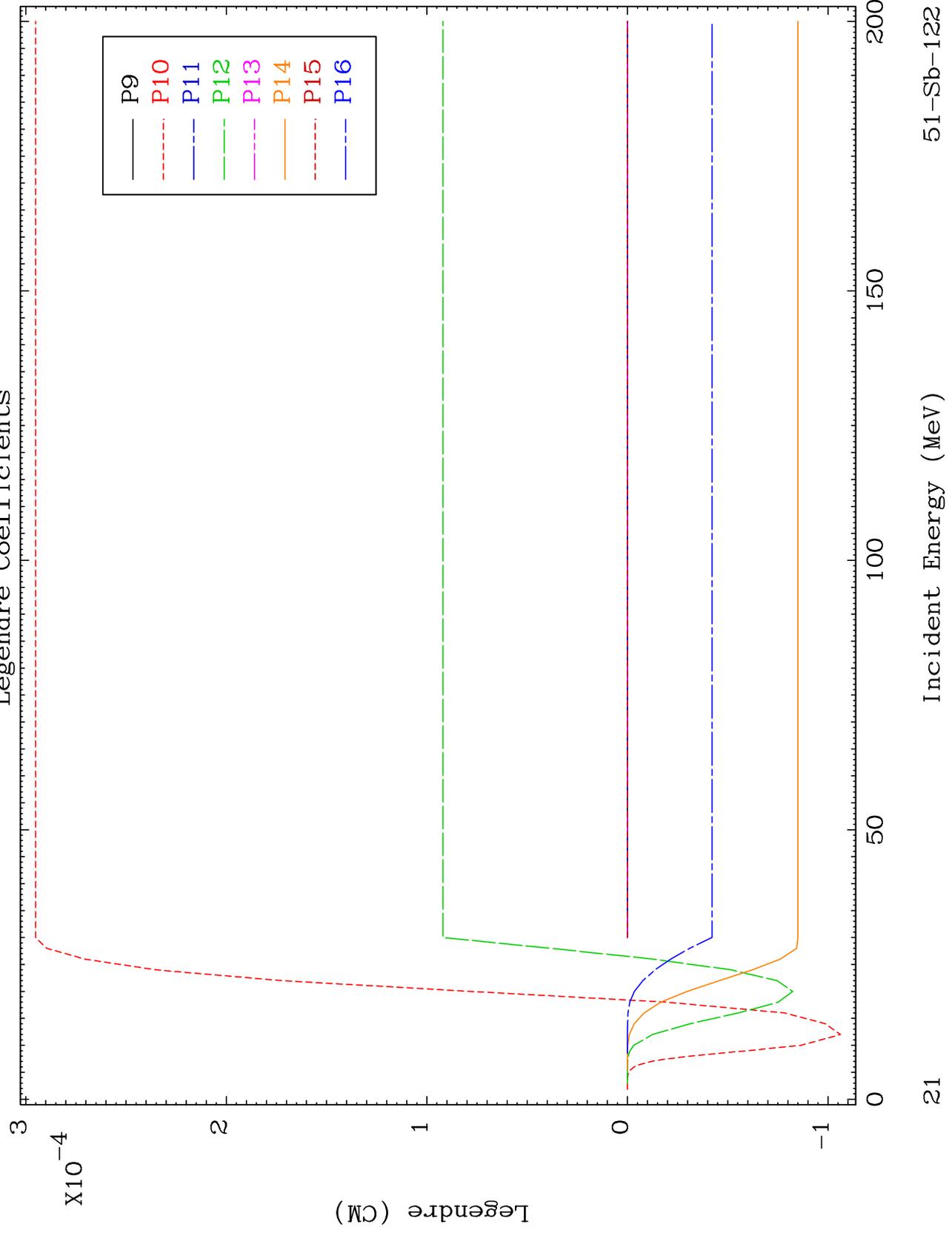
51-Sb-122



MAT 5128

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

51-Sb-122



21

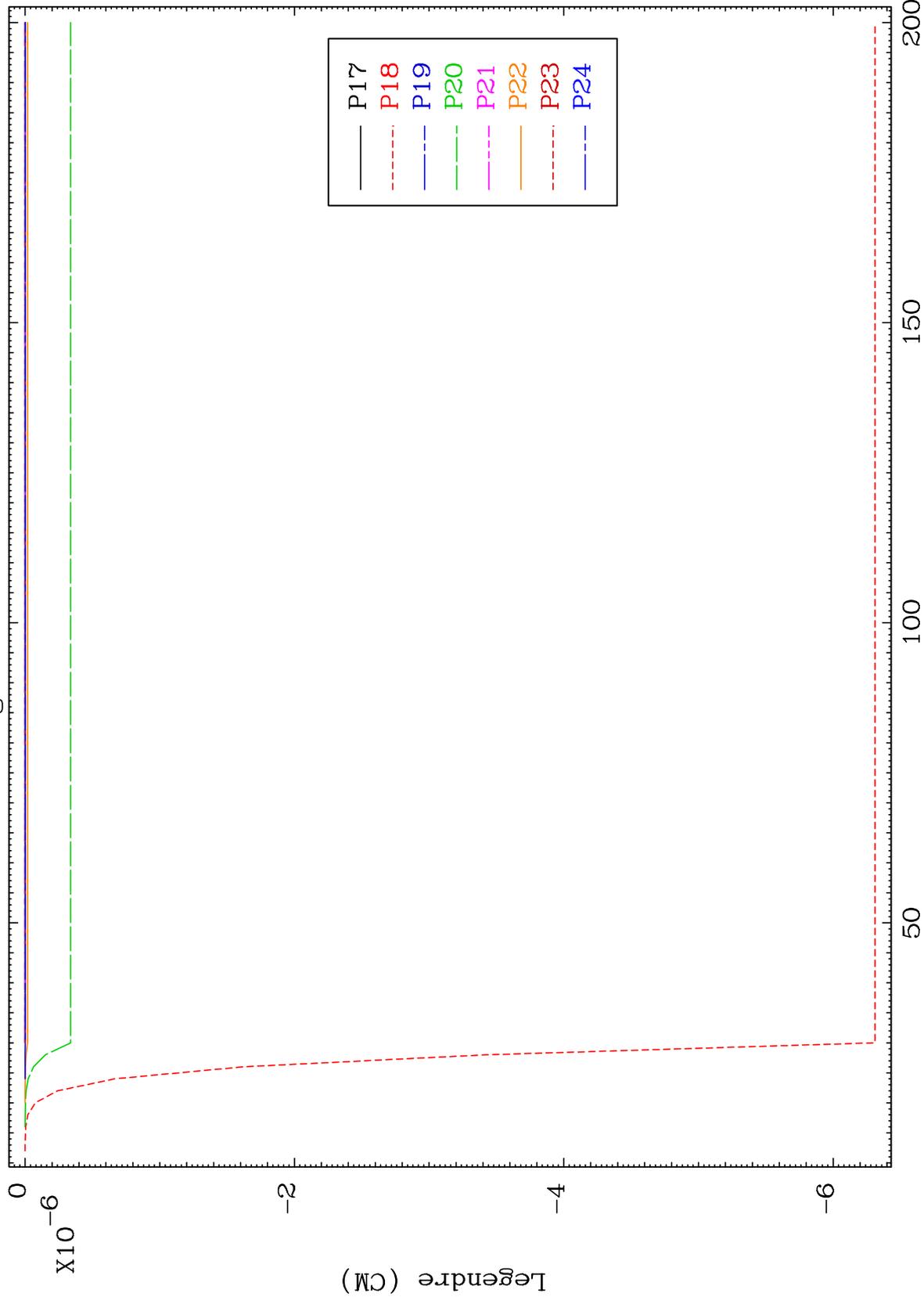
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

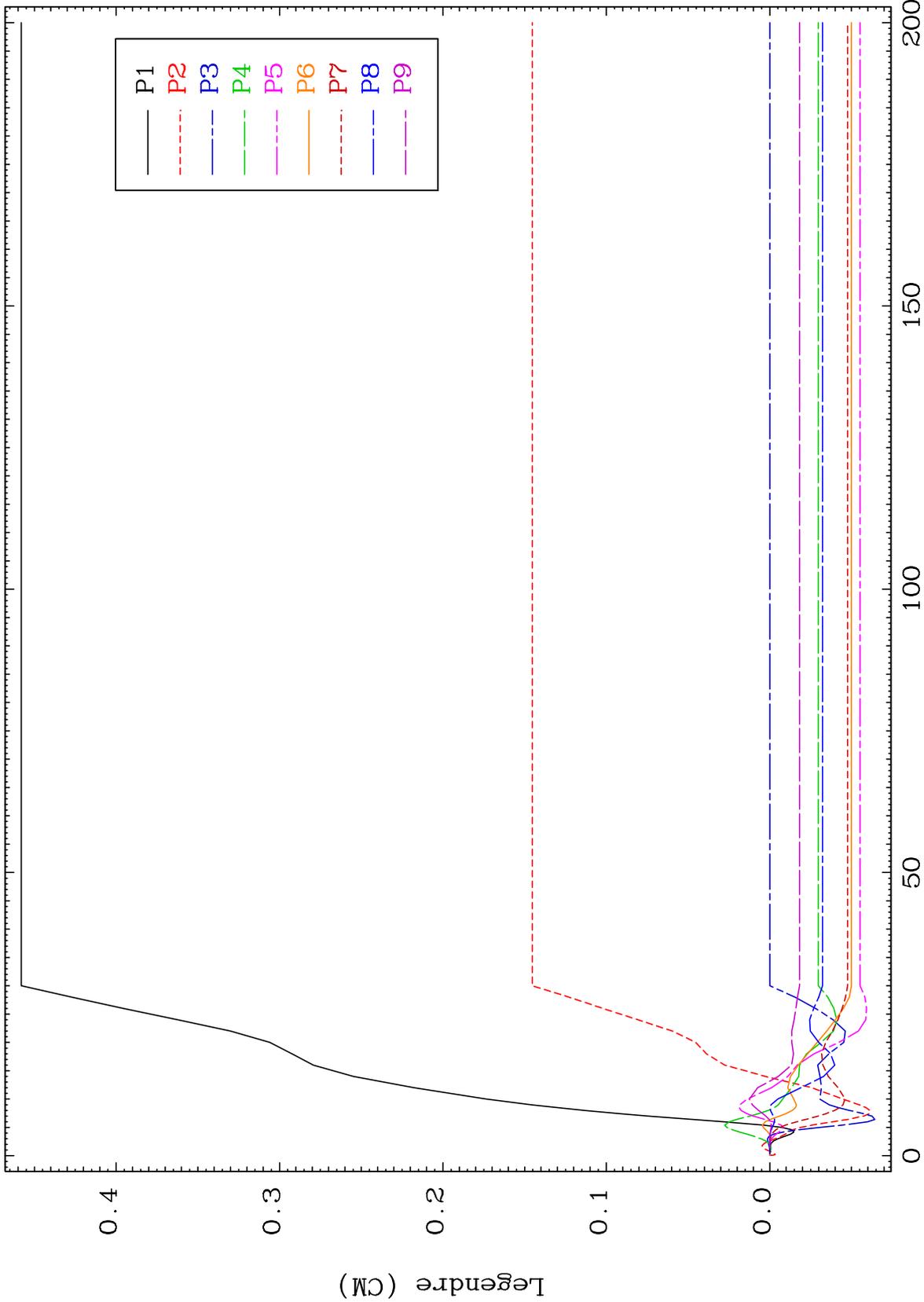
Incident Energy (MeV)

22

MAT 5128

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

51-Sb-122



23

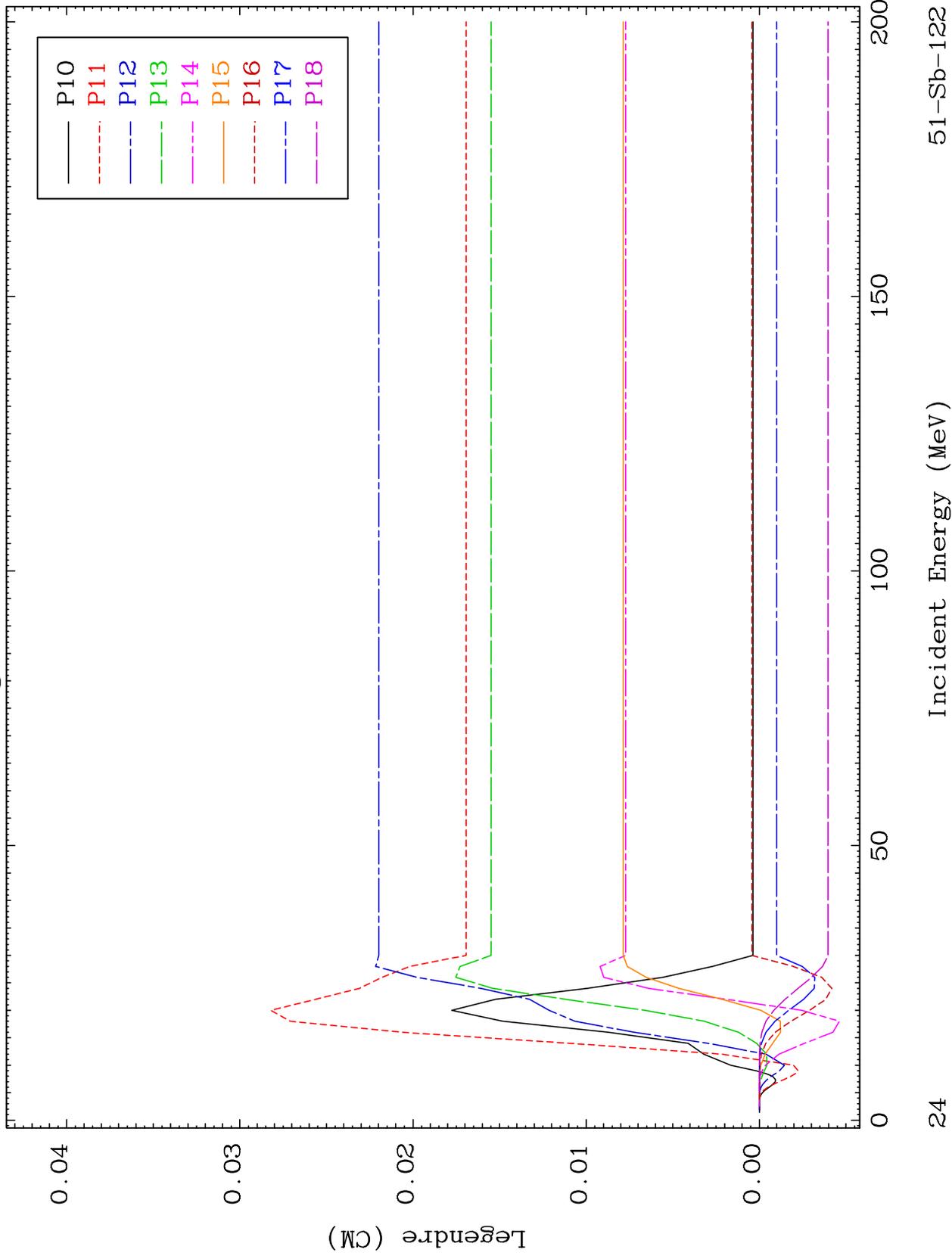
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



24

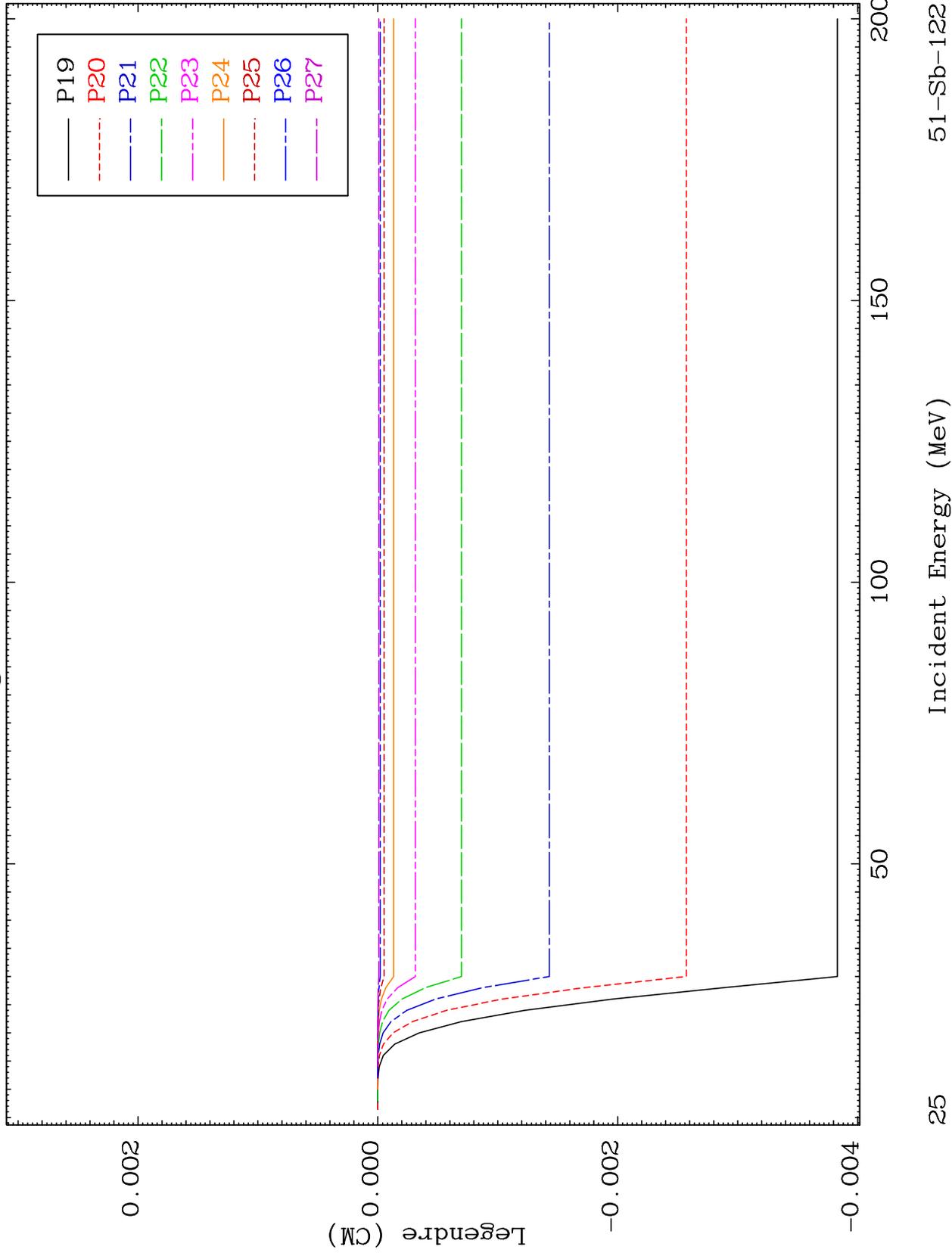
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

Incident Energy (MeV)

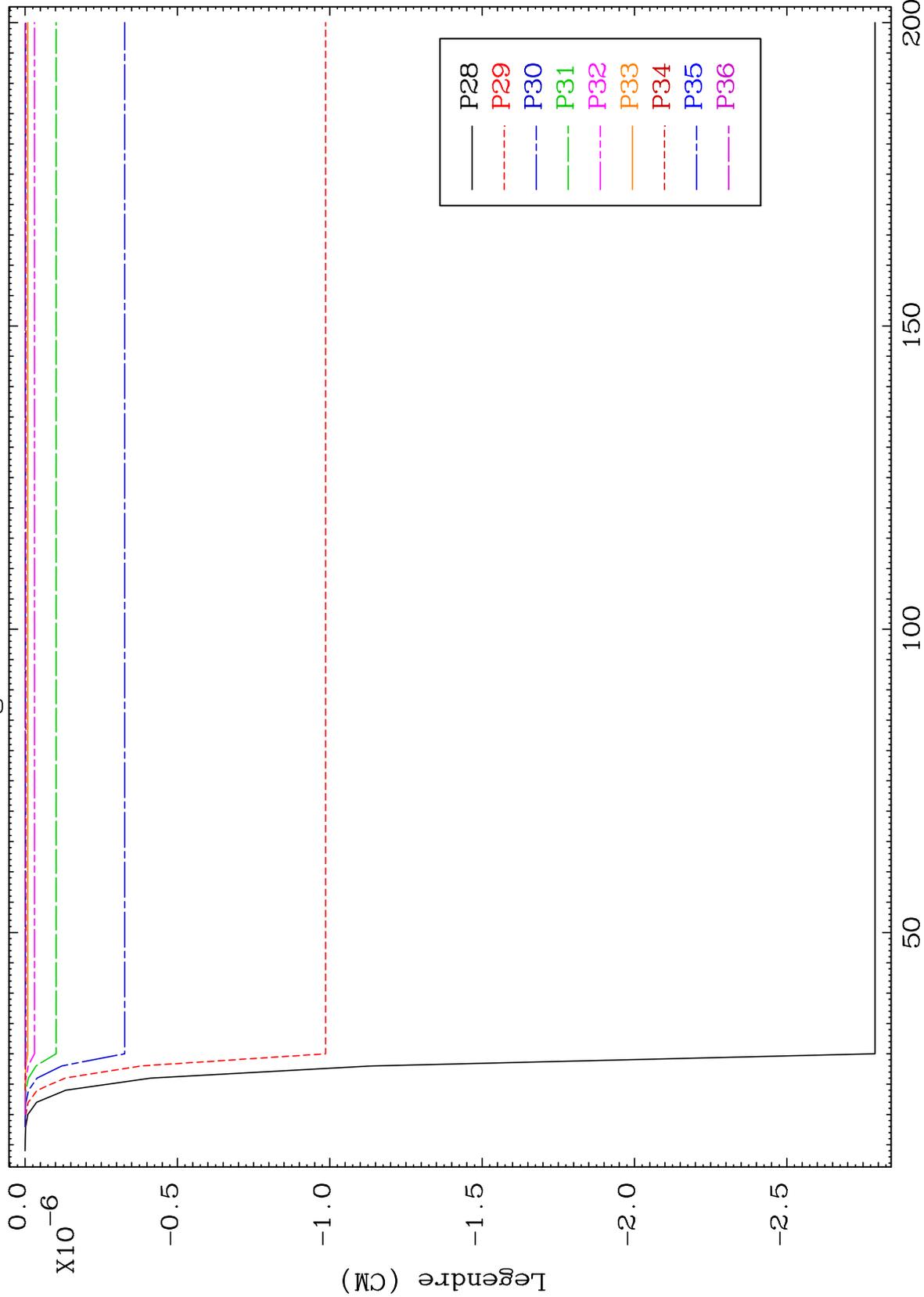
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MAT 5128

MT= 52 (n,n') Level

51-Sb-122

Legendre Coefficients



26

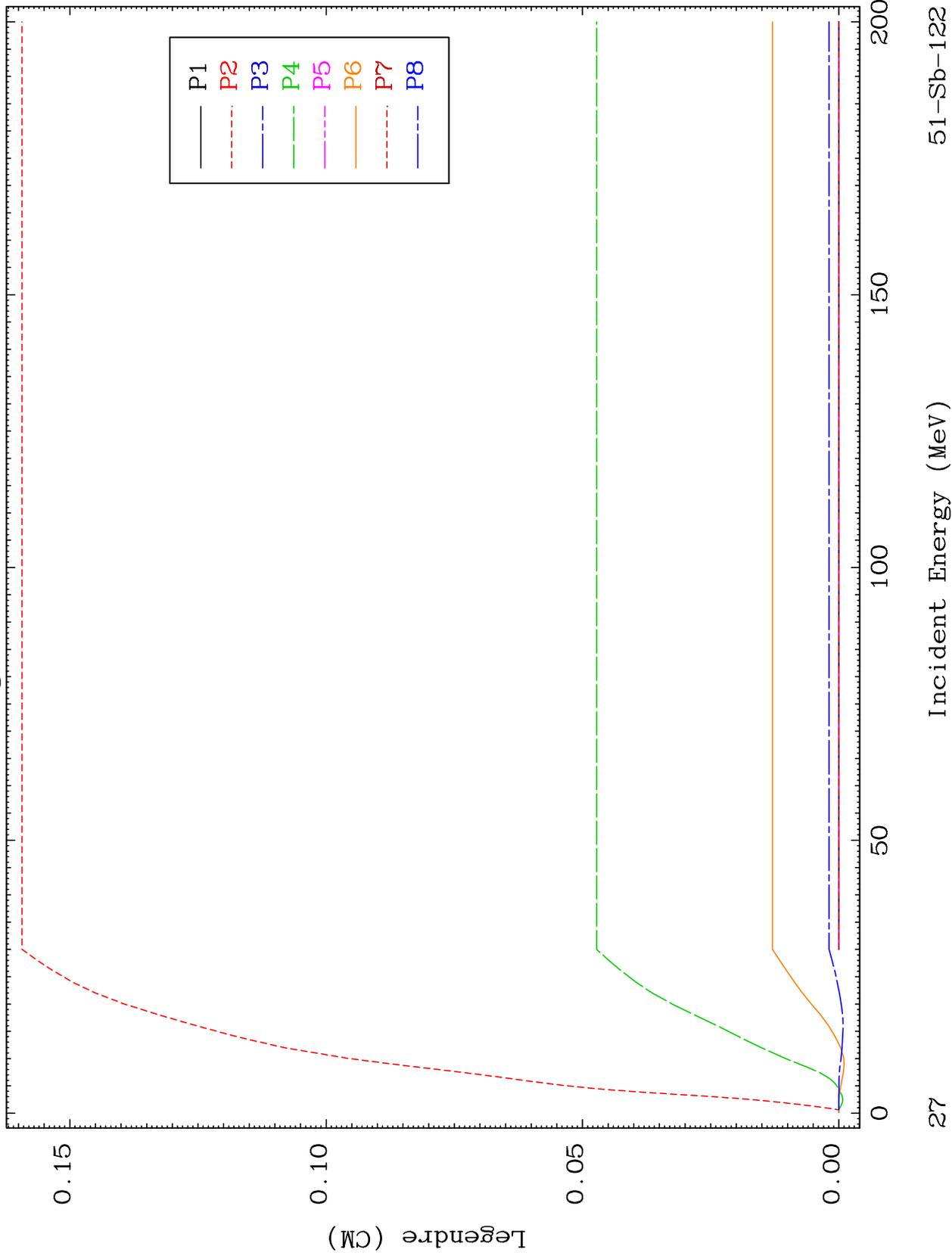
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



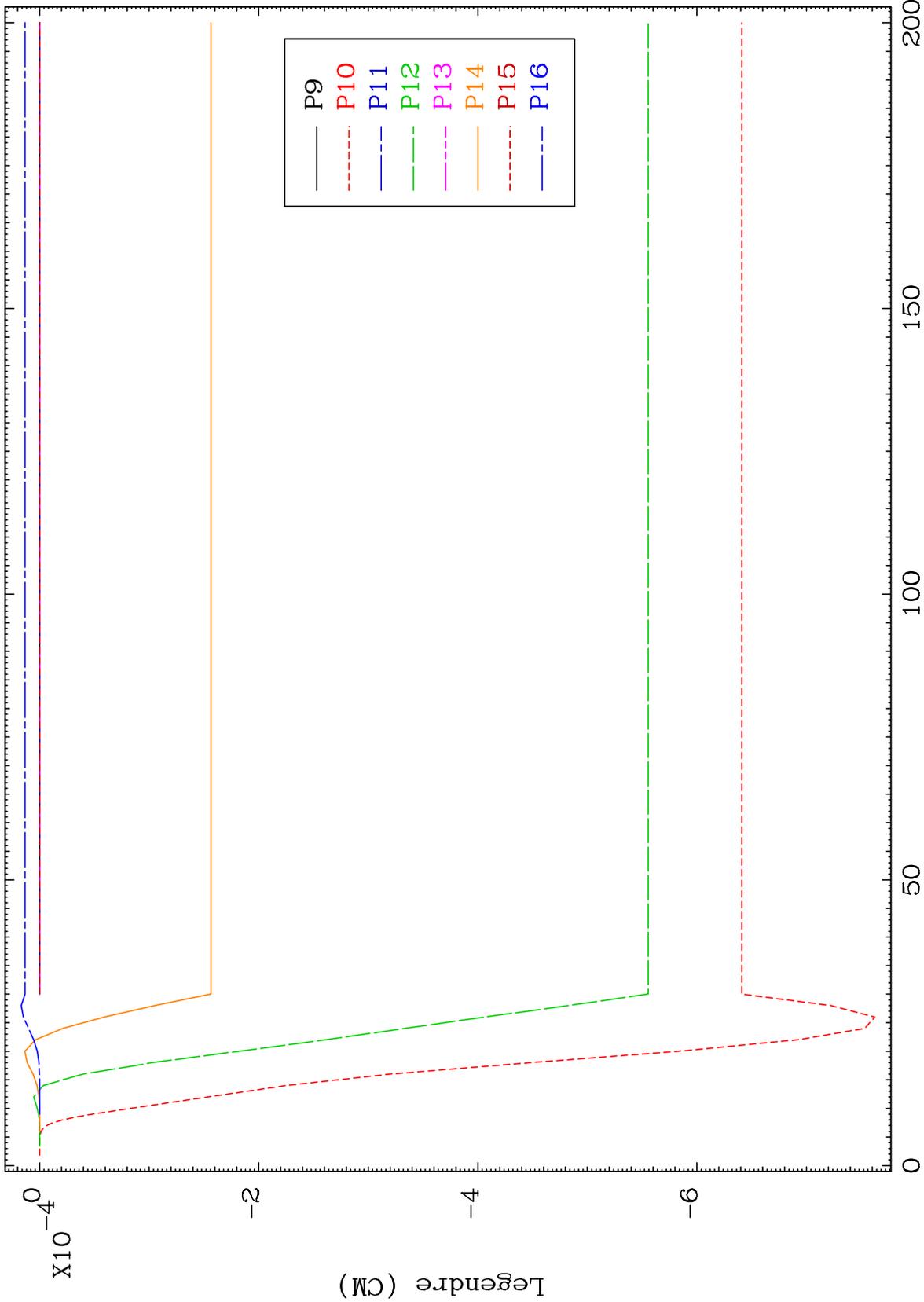
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MAT 5128

MT= 53 (n,n') Level

51-Sb-122

Legendre Coefficients



28

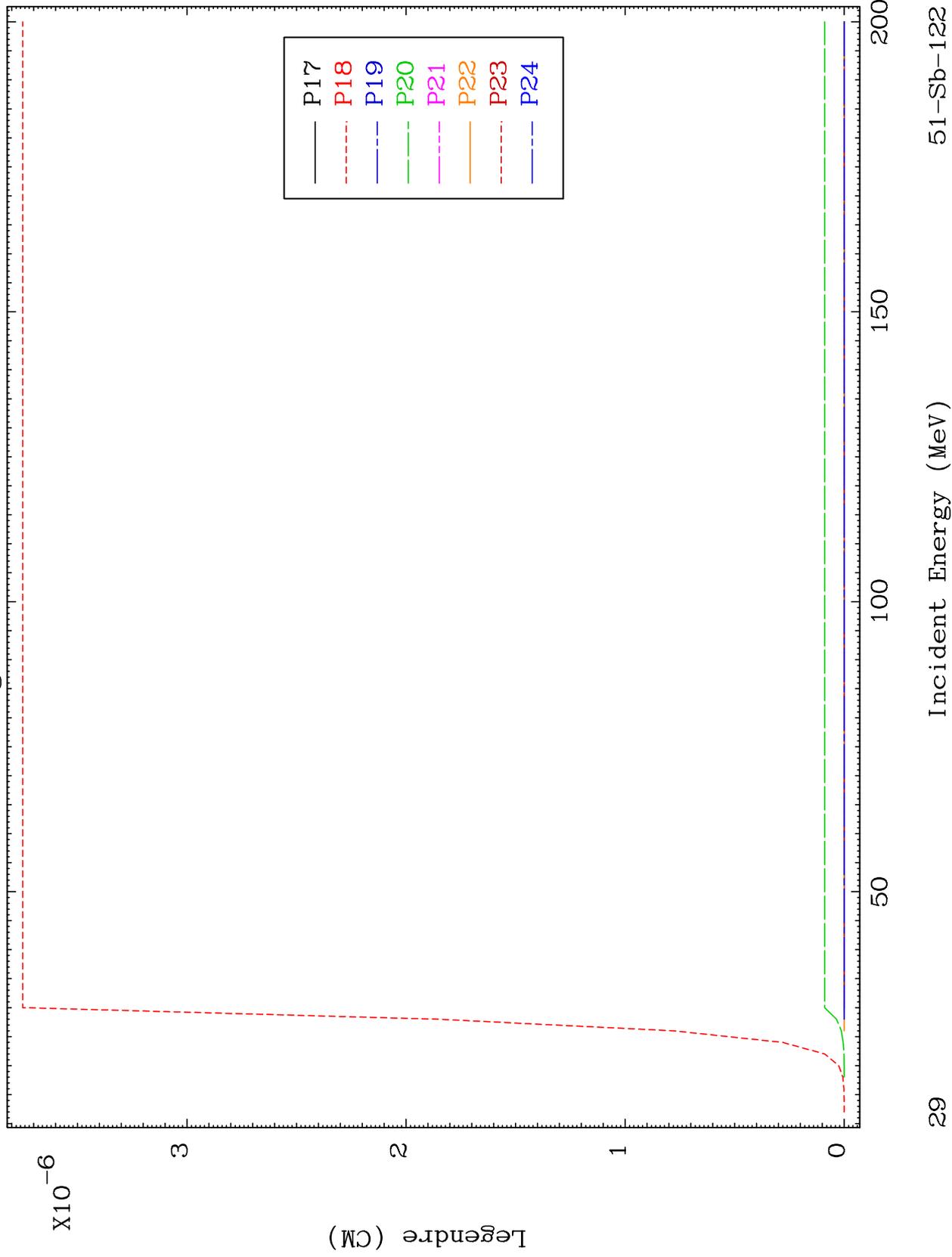
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



29

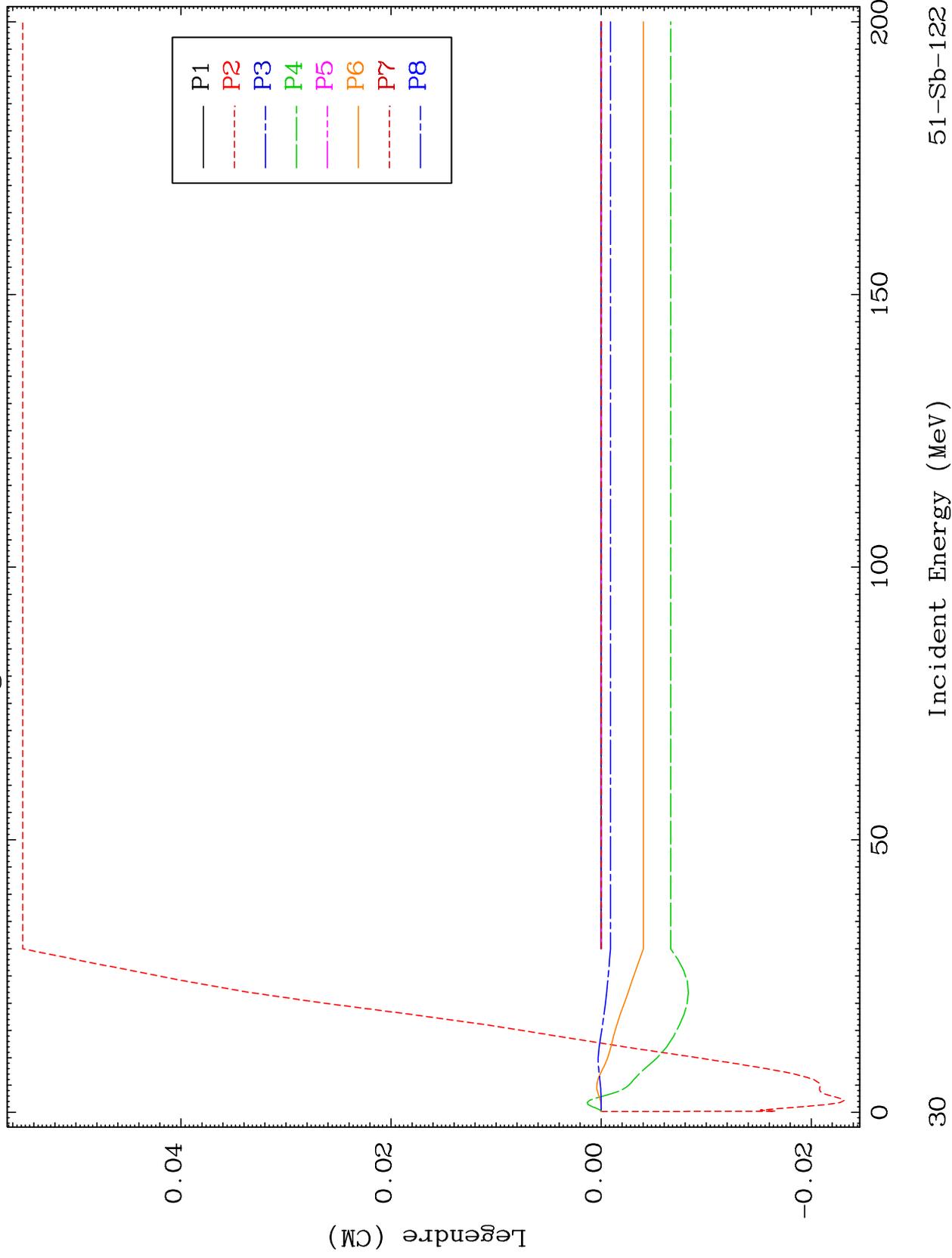
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122

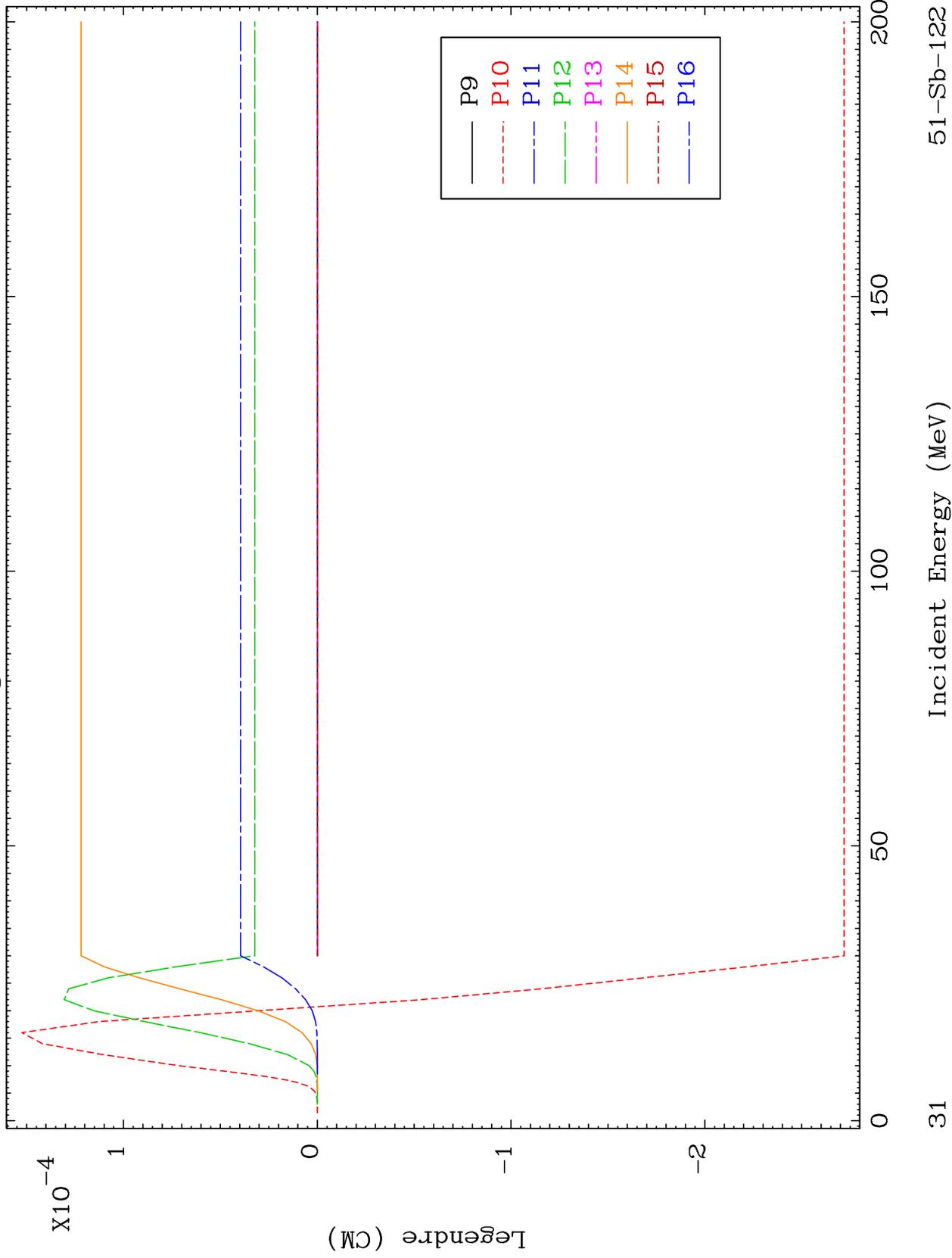


51-Sb-122

MAT 5128

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

51-Sb-122



31

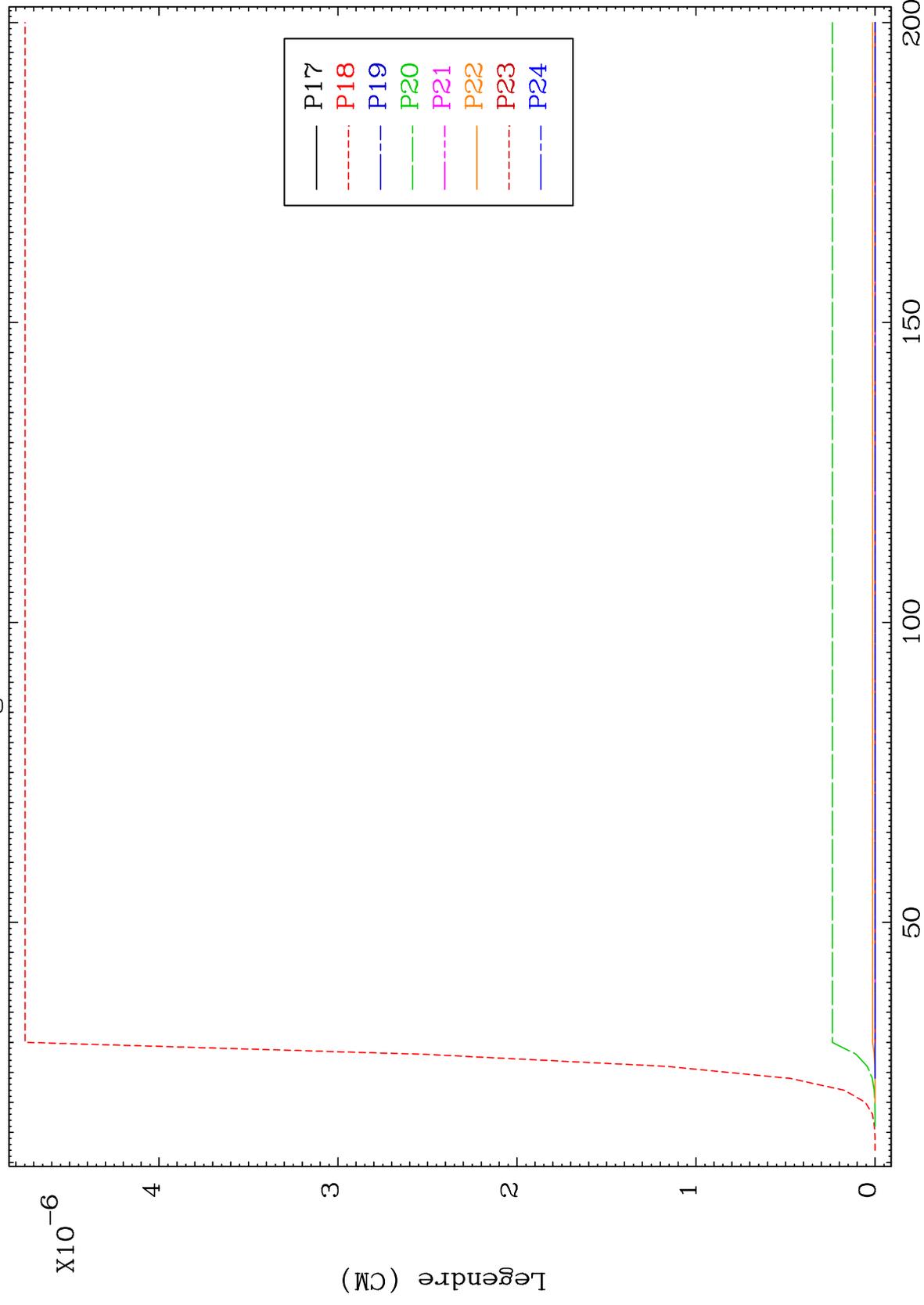
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

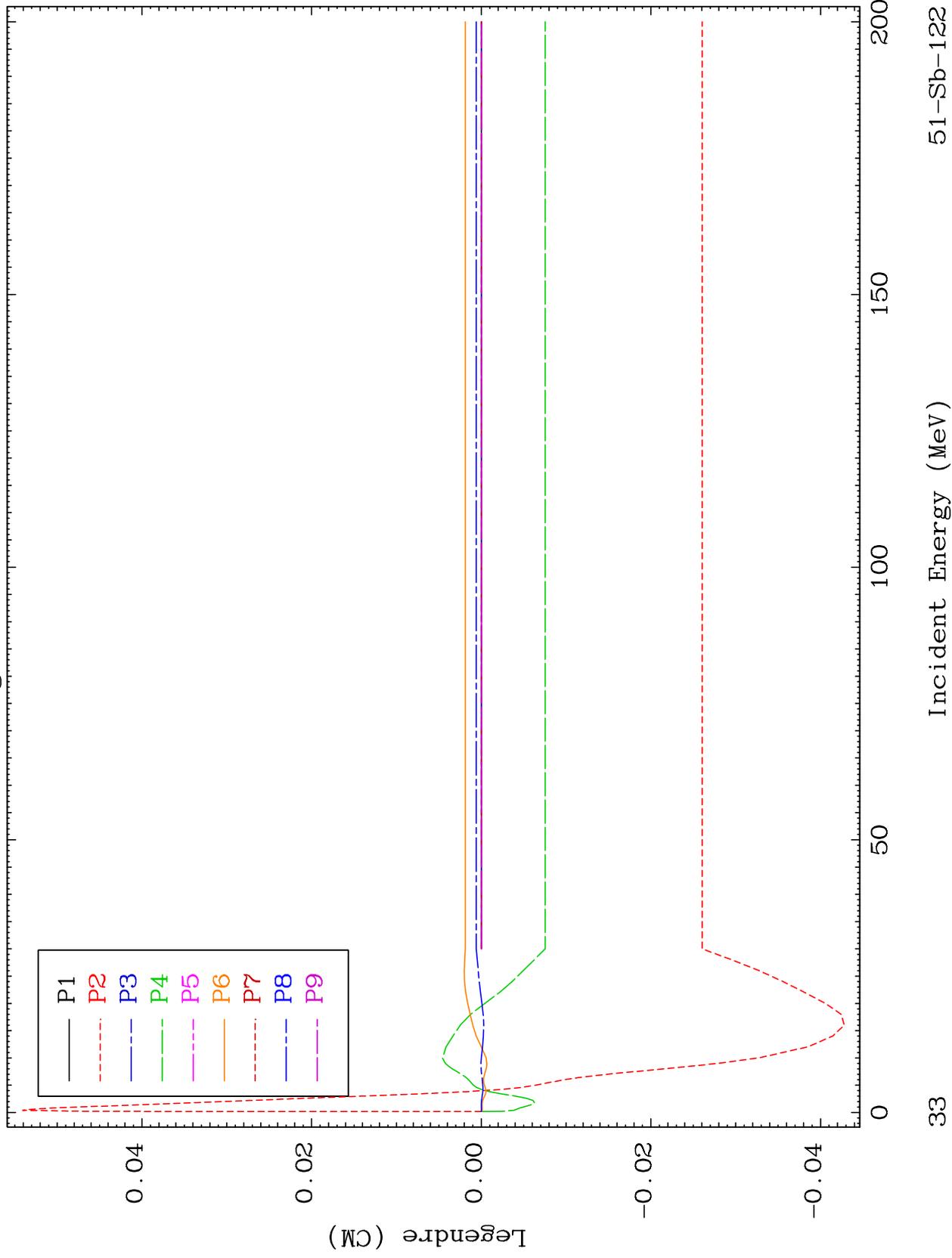
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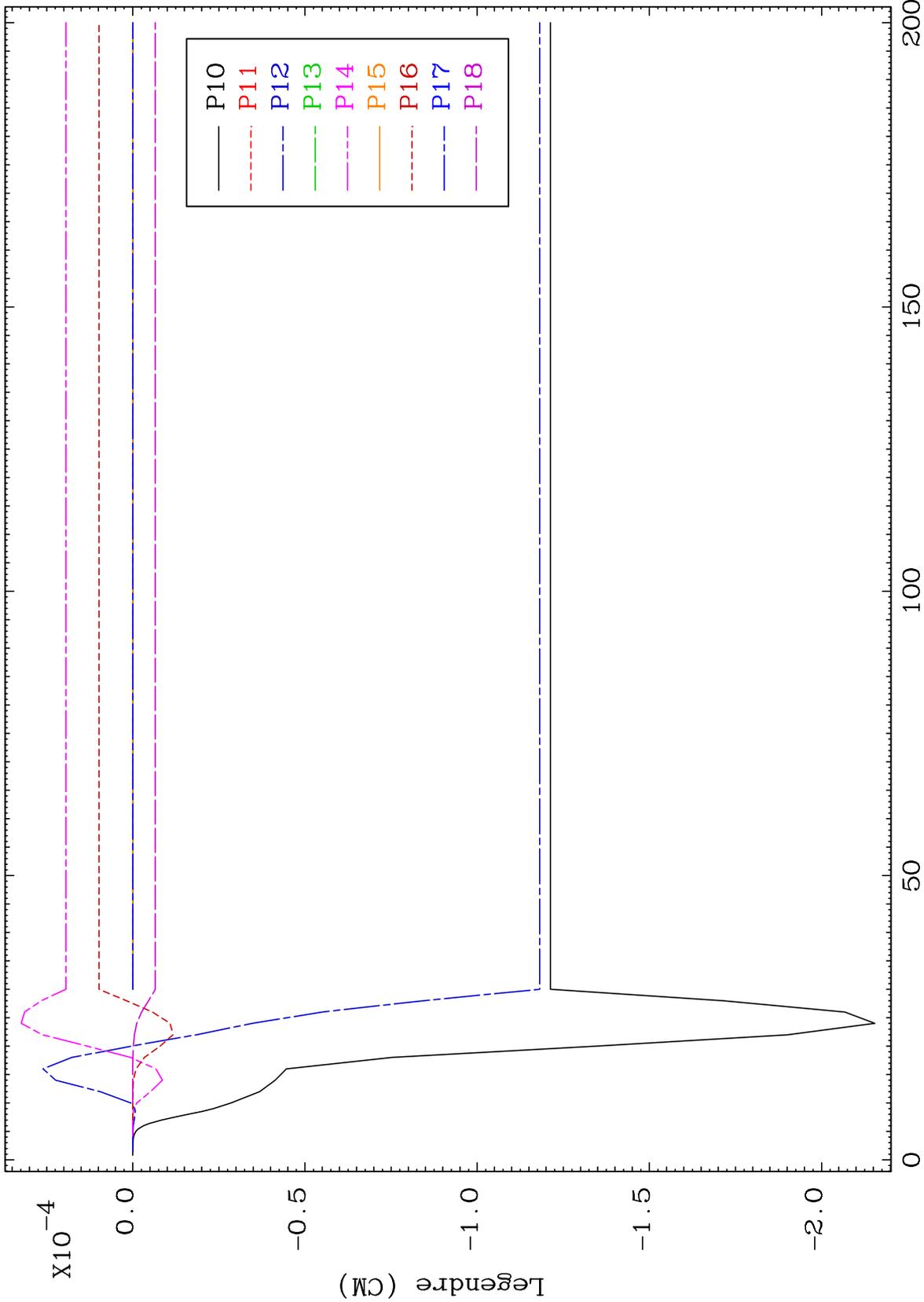


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Incident Energy (MeV)

51-Sb-122

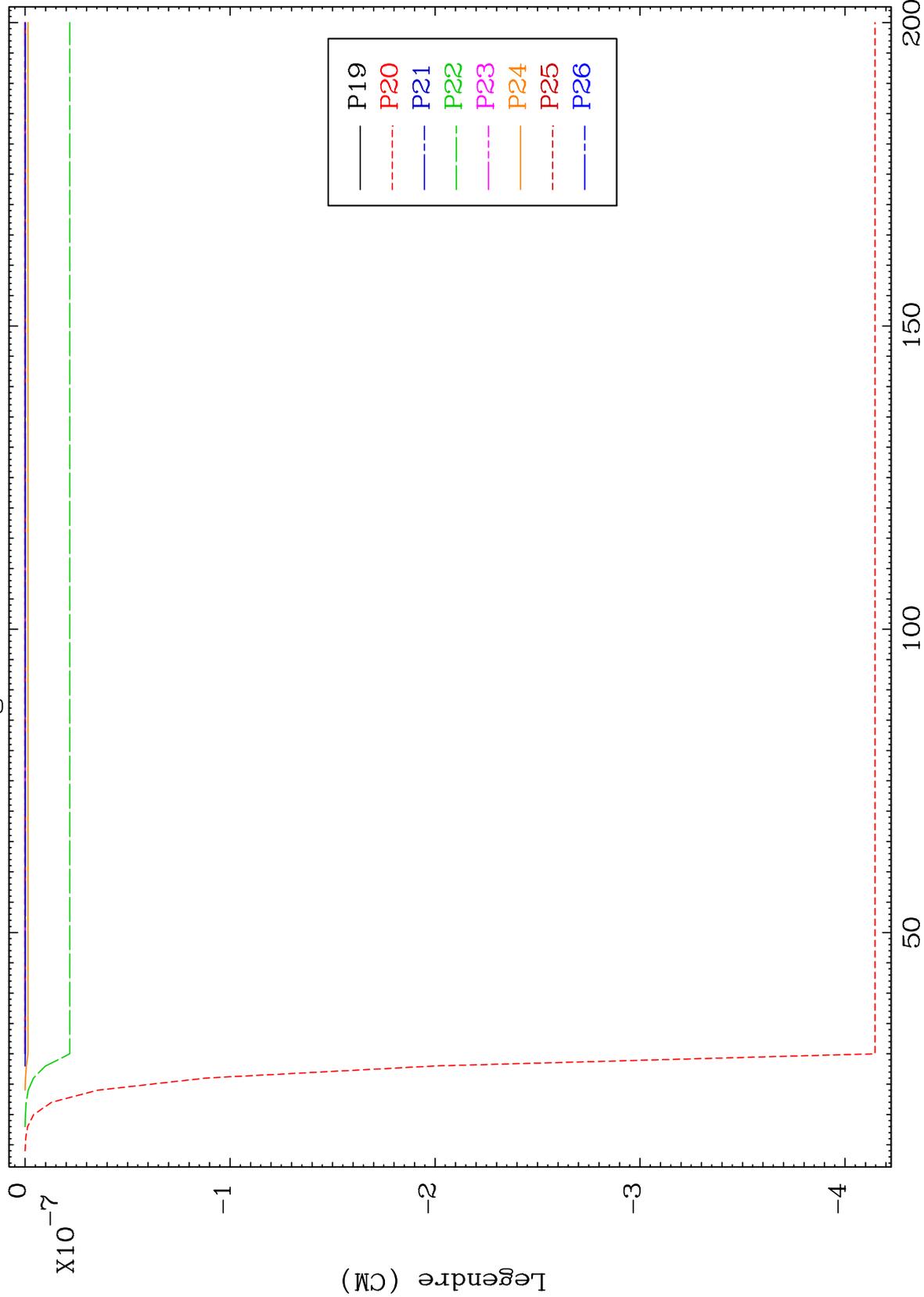




MAT 5128

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

51-Sb-122



51-Sb-122

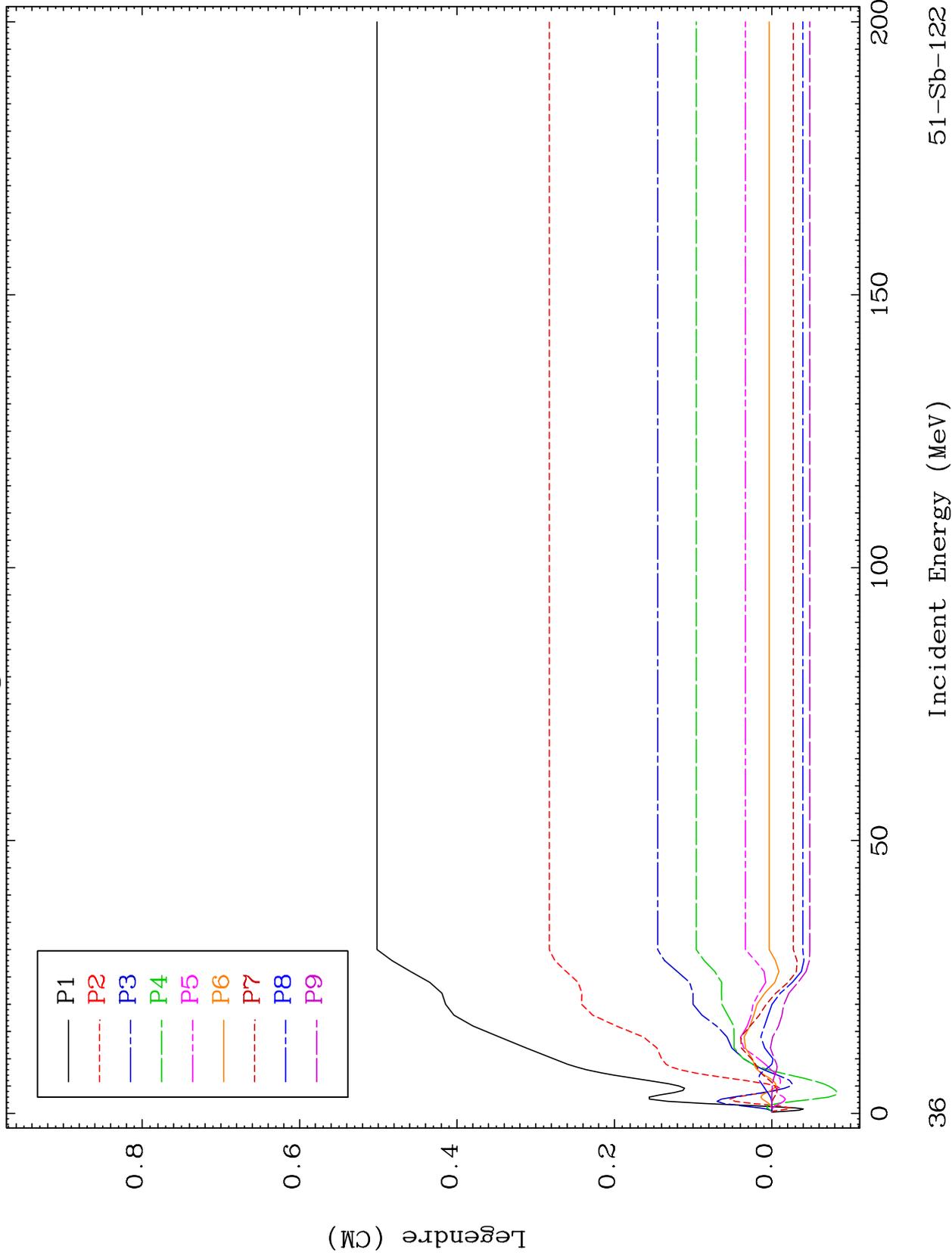
Incident Energy (MeV)

35

MAT 5128

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

51-Sb-122



36

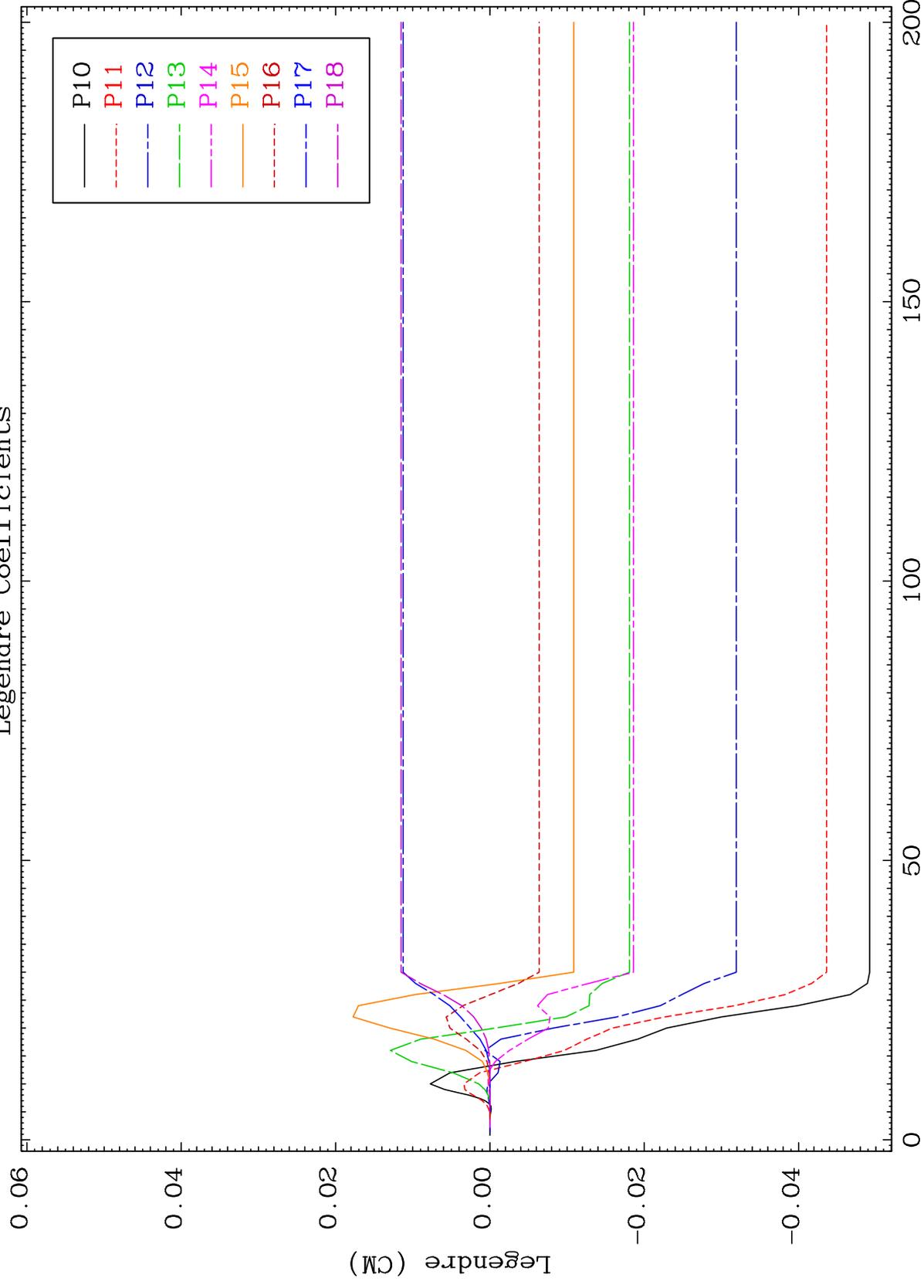
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



37

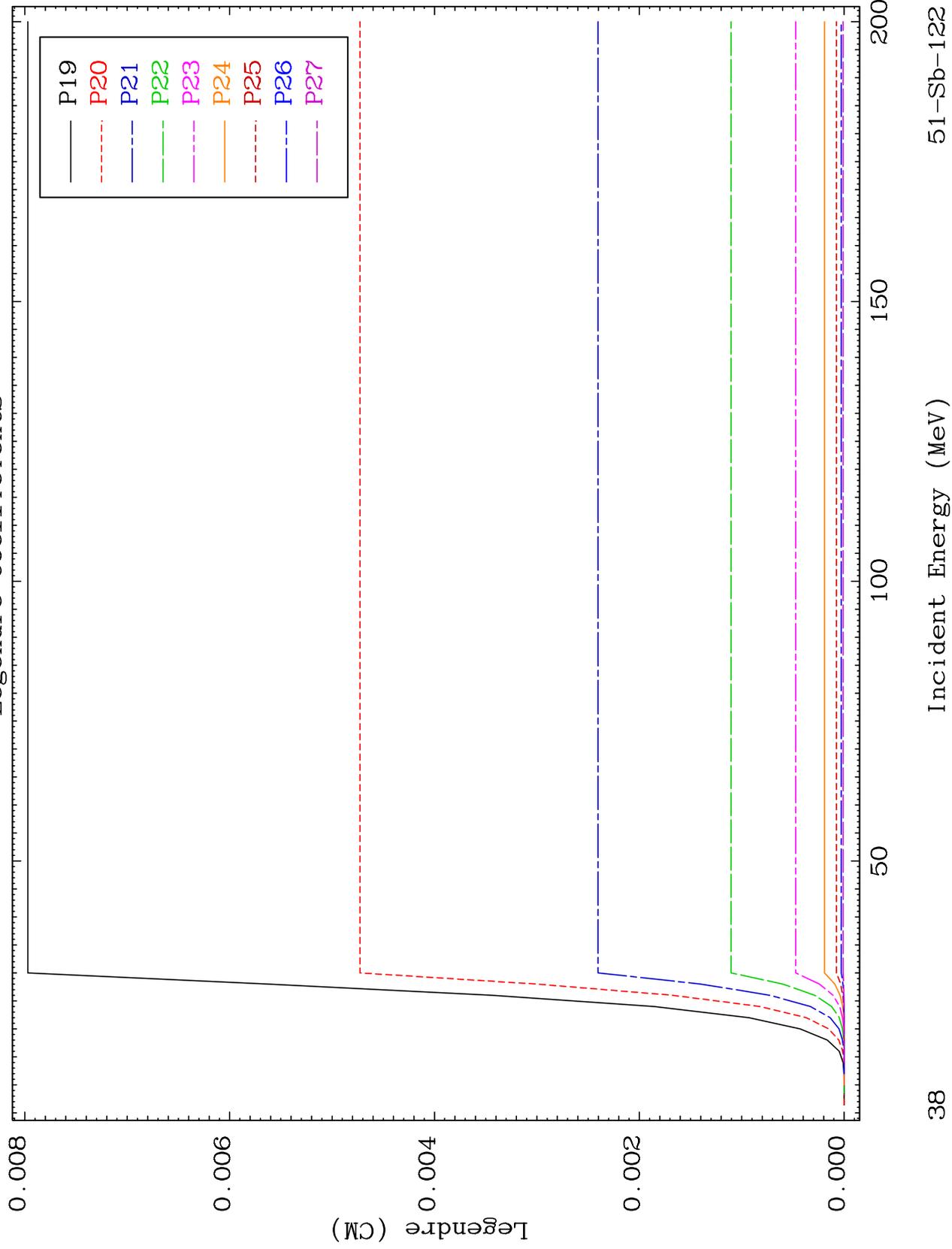
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



38

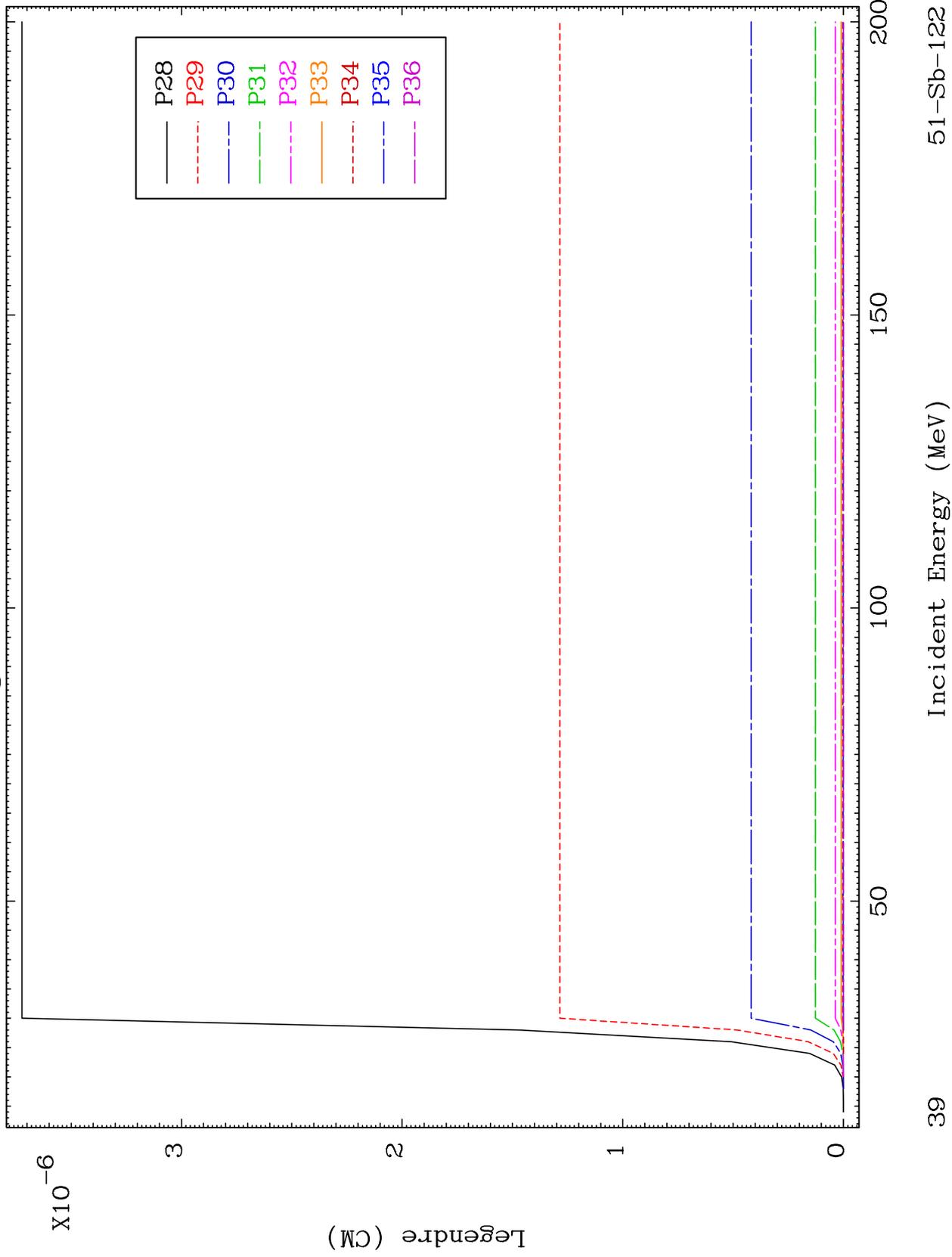
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51-Sb-122

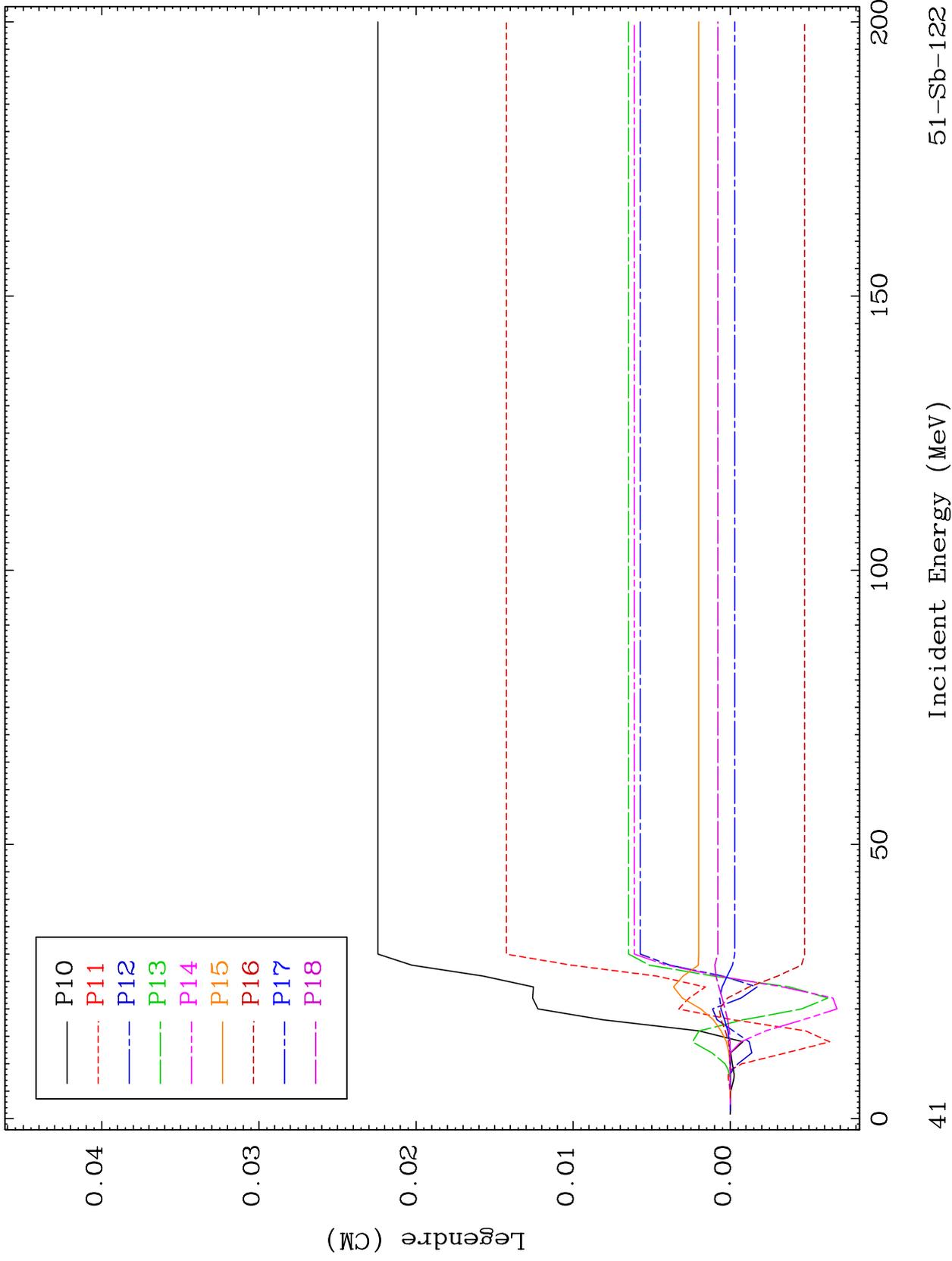
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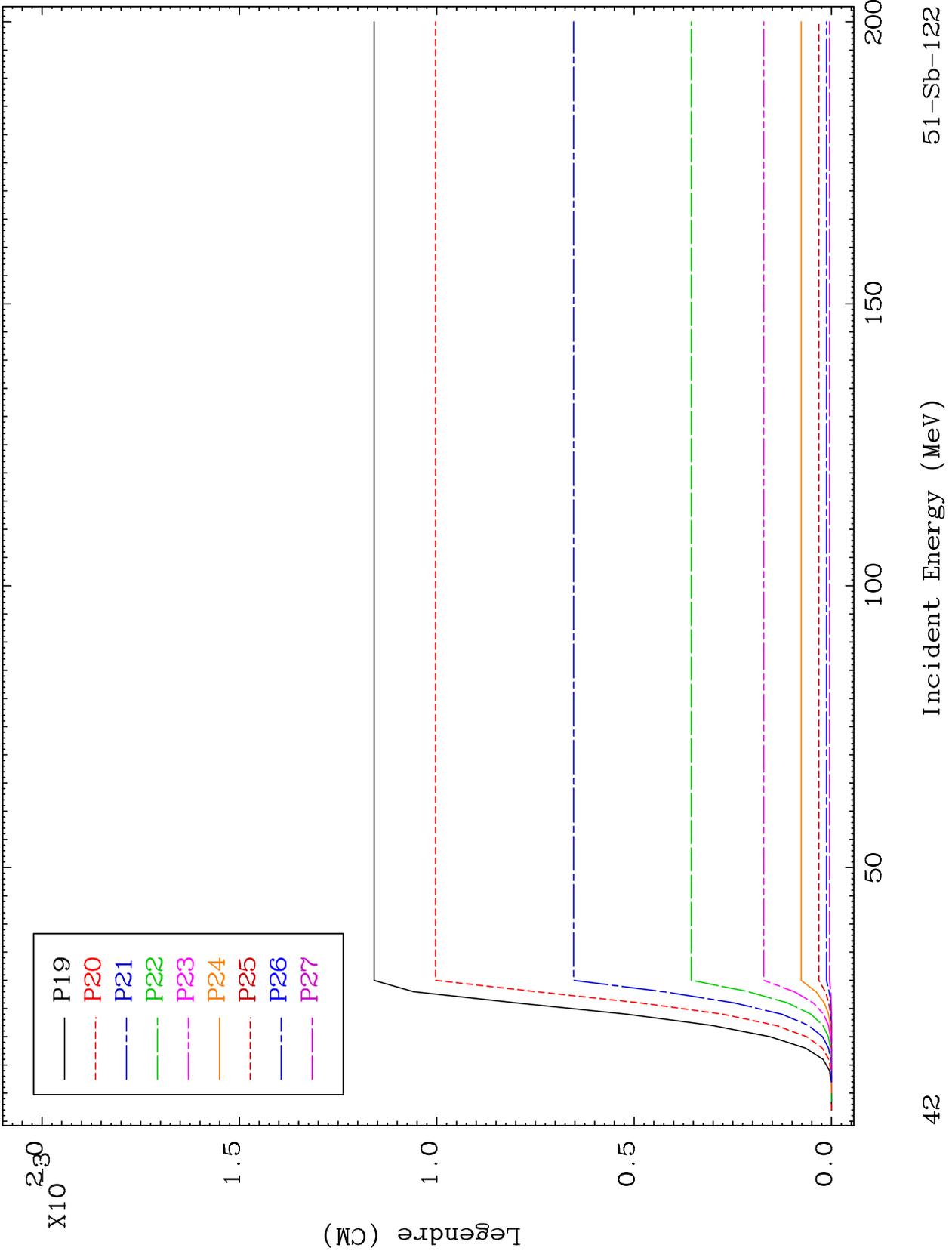
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Legendre Coefficients

51-Sb-122





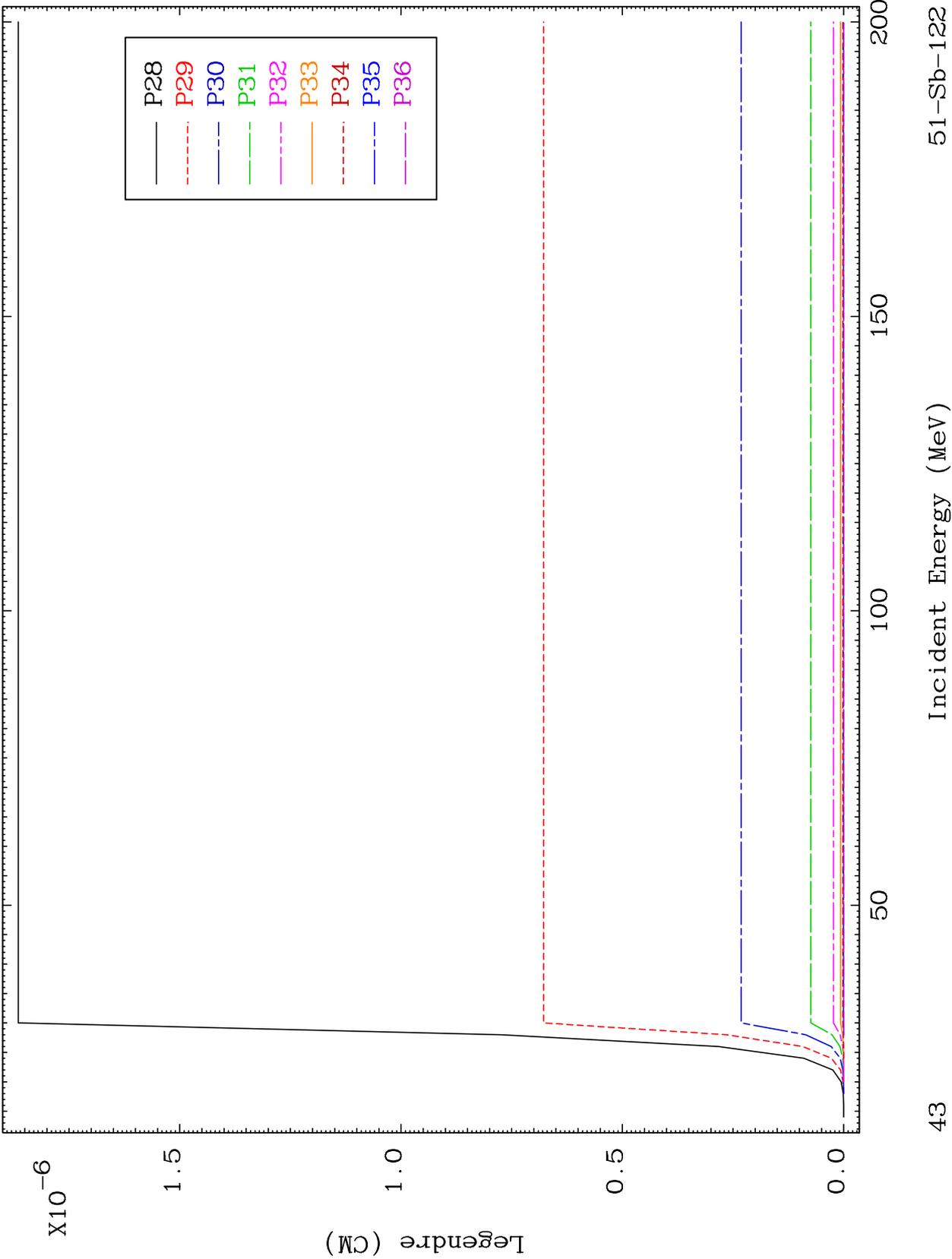




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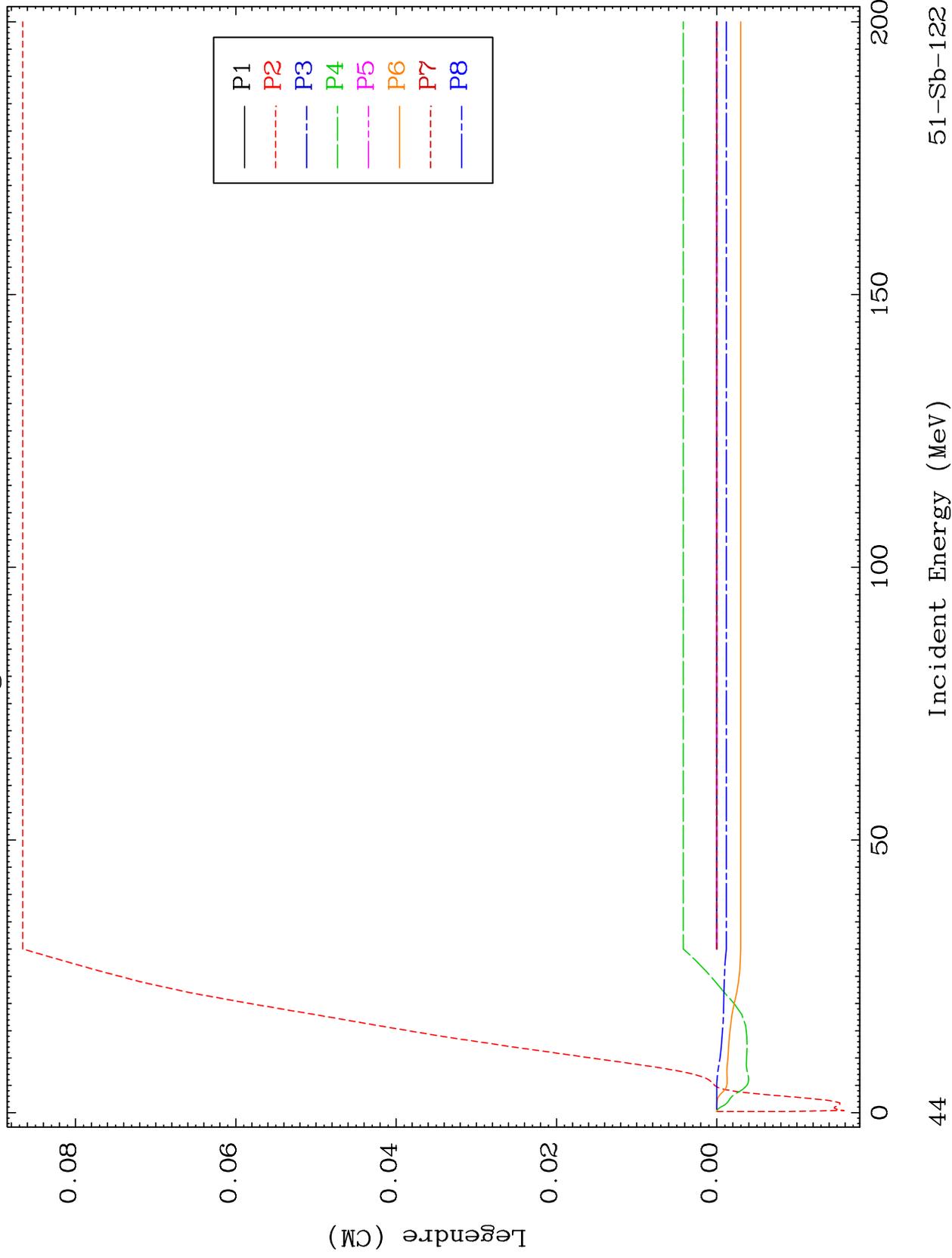
51-Sb-122



MAT 5128

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

51-Sb-122



51-Sb-122

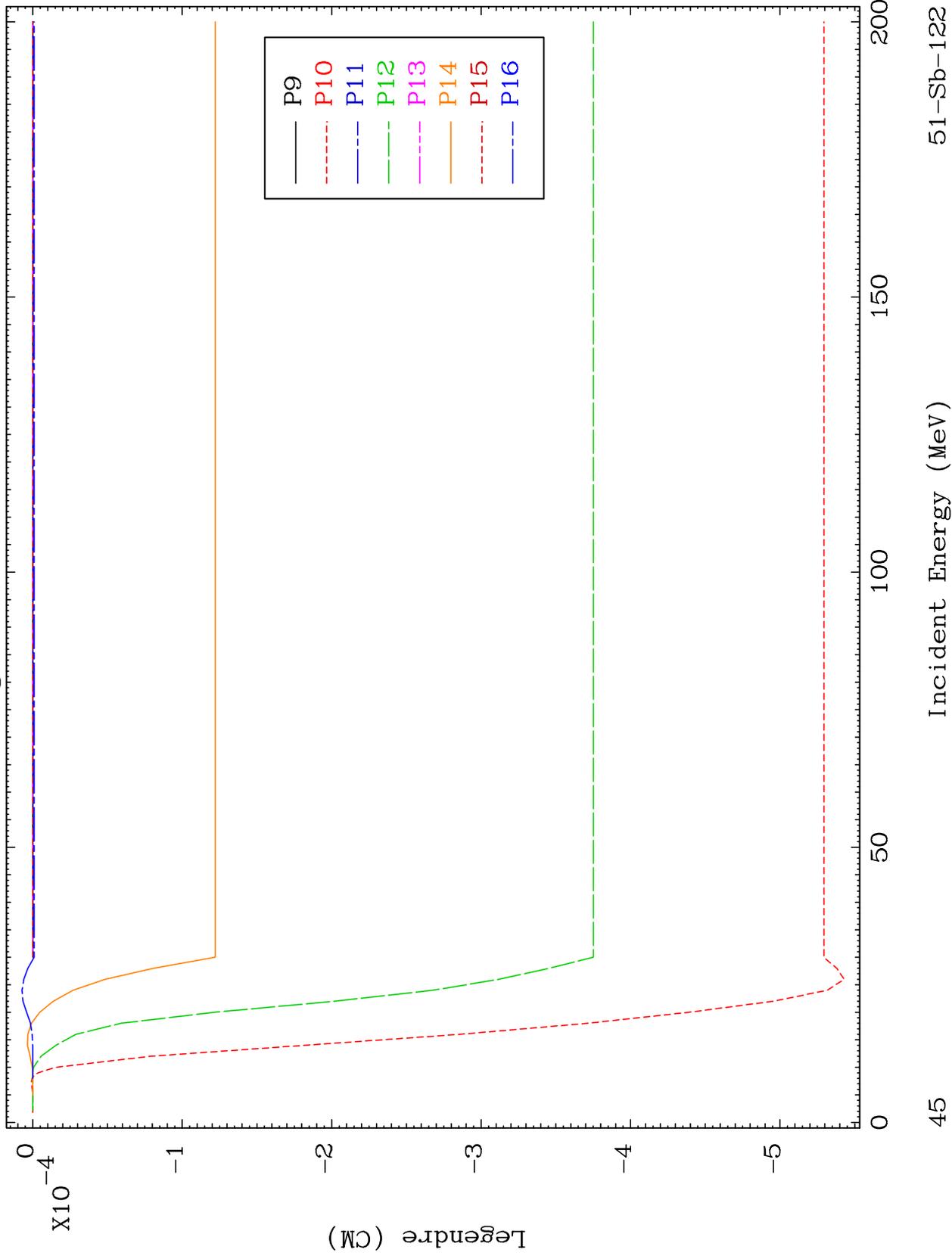
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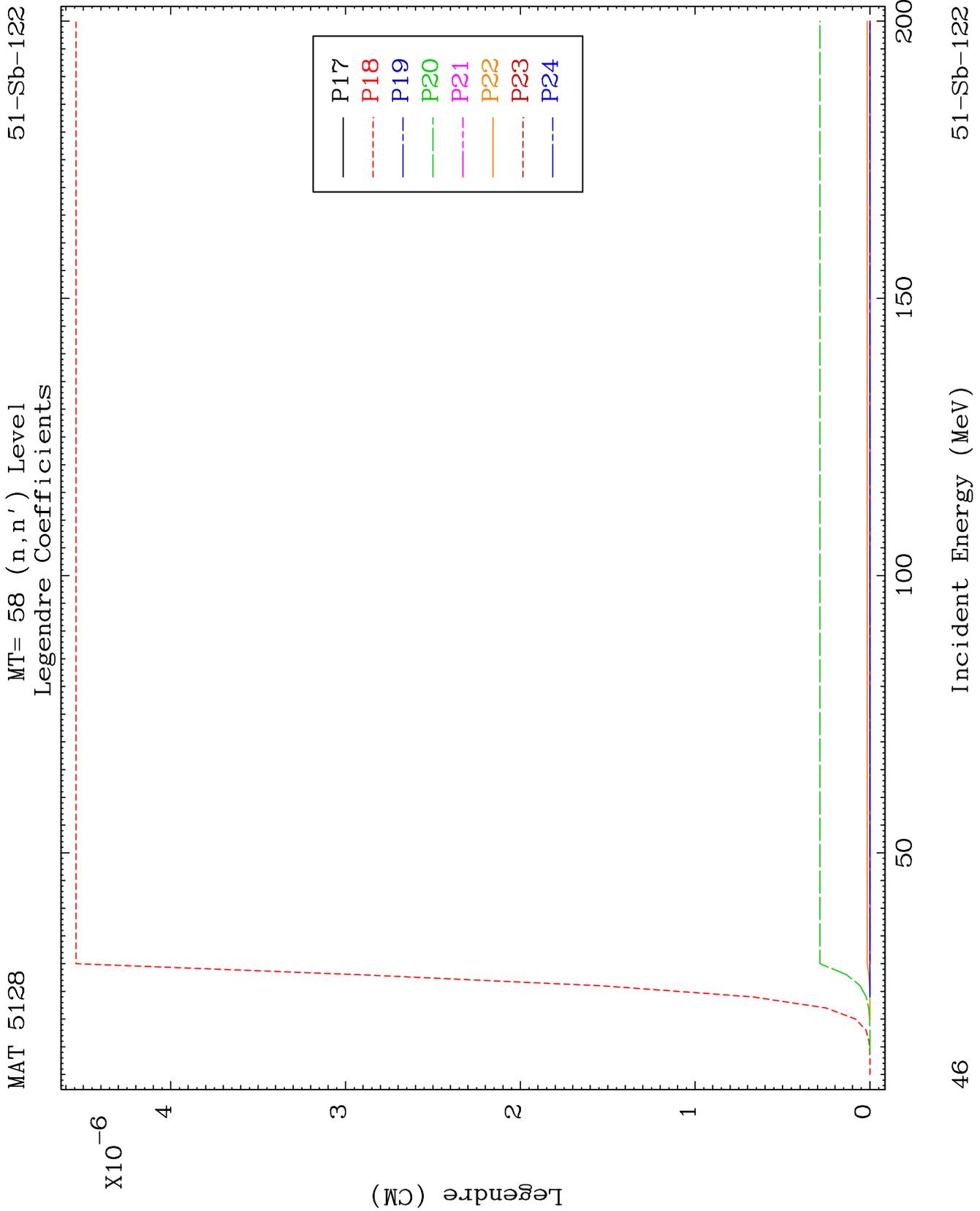
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MAT 5128

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

51-Sb-122

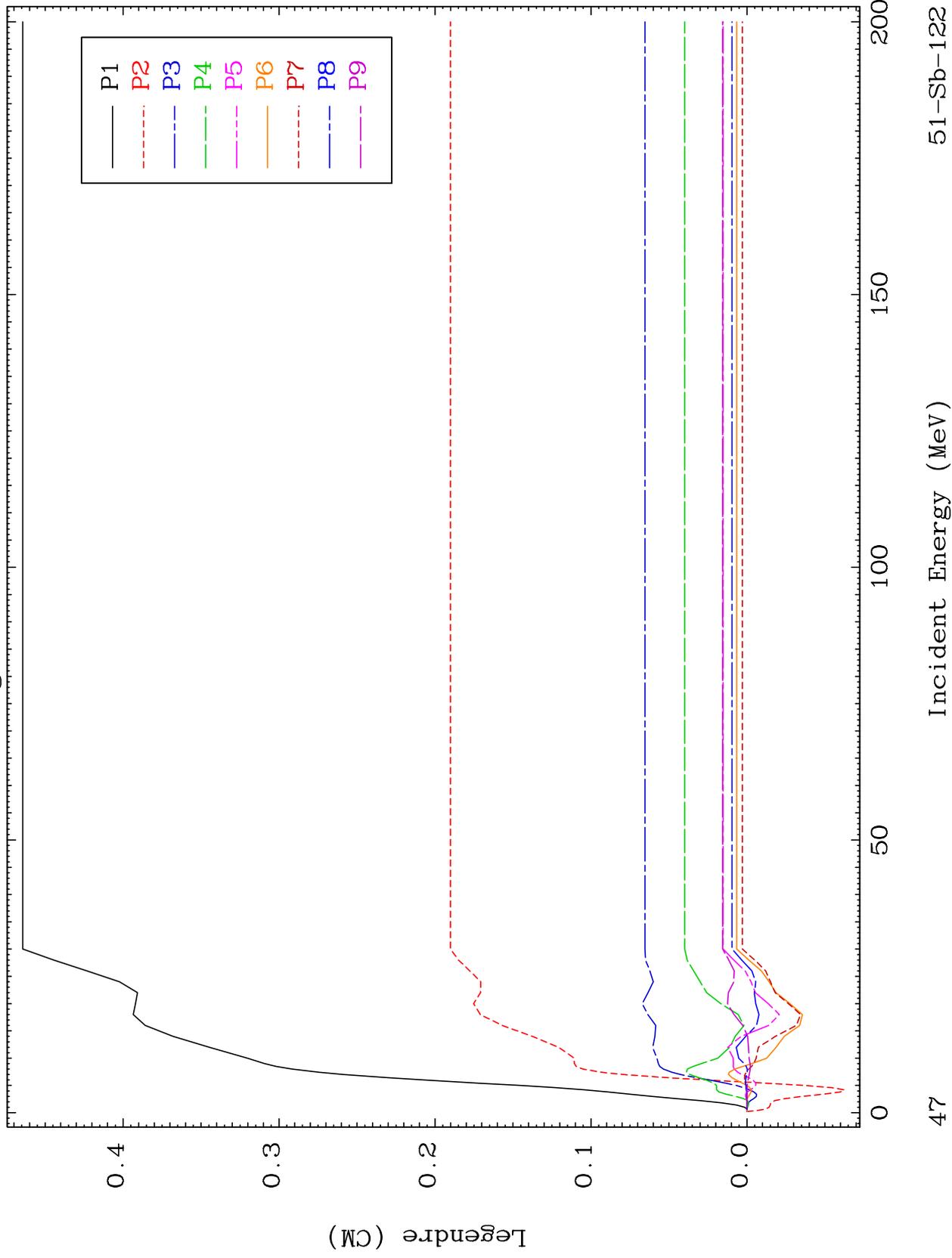




MAT 5128

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

51-Sb-122



51-Sb-122

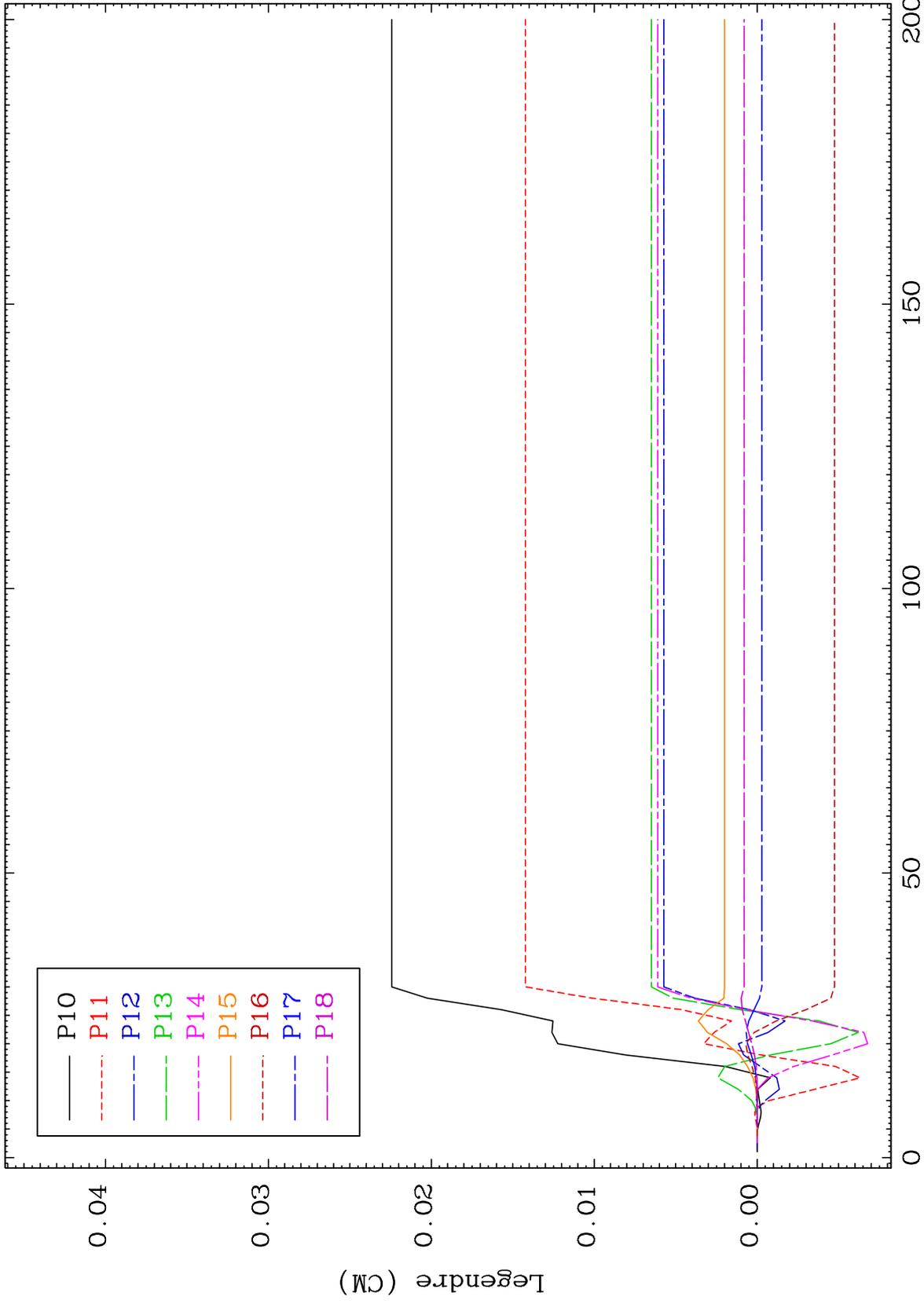
Incident Energy (MeV)

47

MAT 5128

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

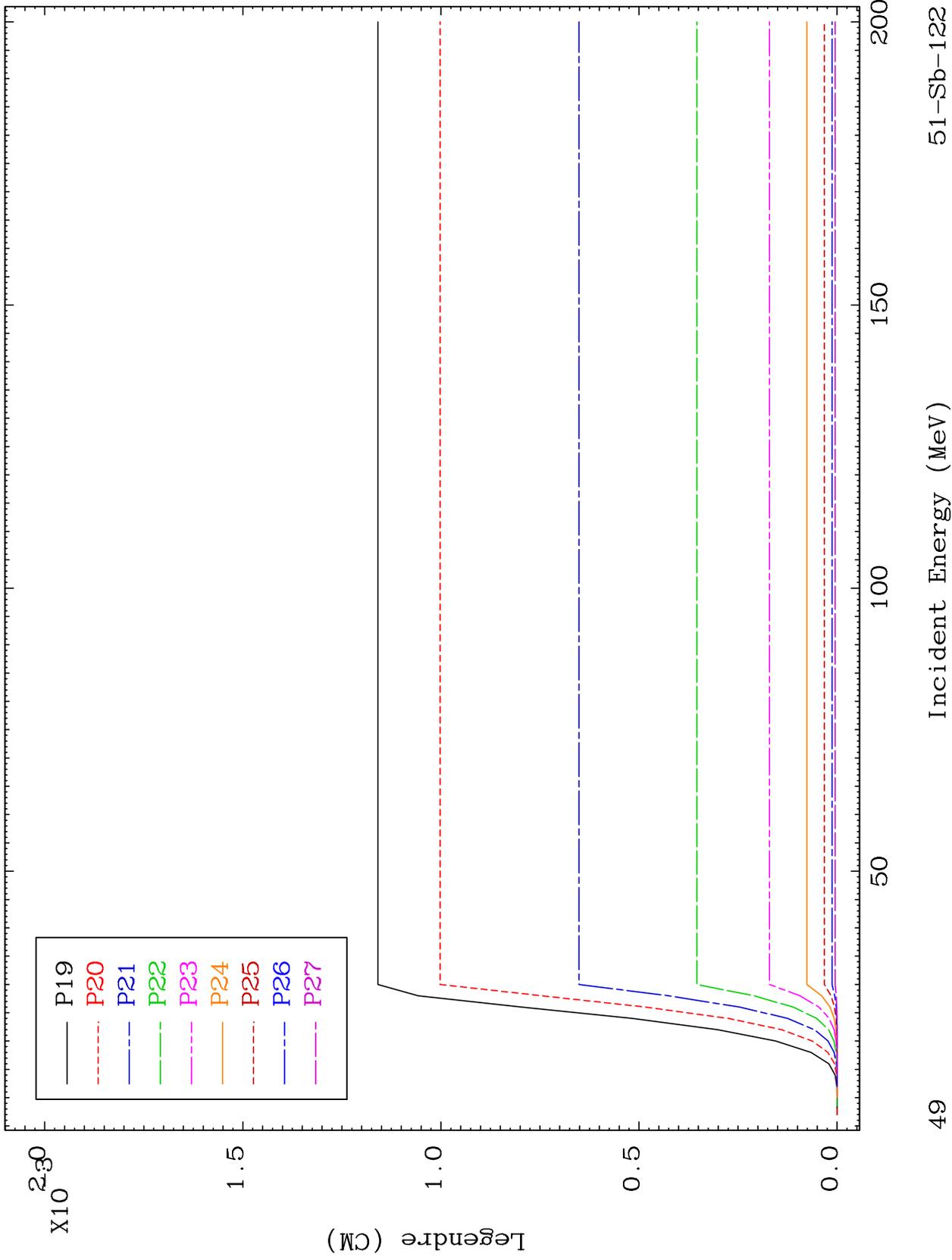
51-Sb-122



48

Incident Energy (MeV)

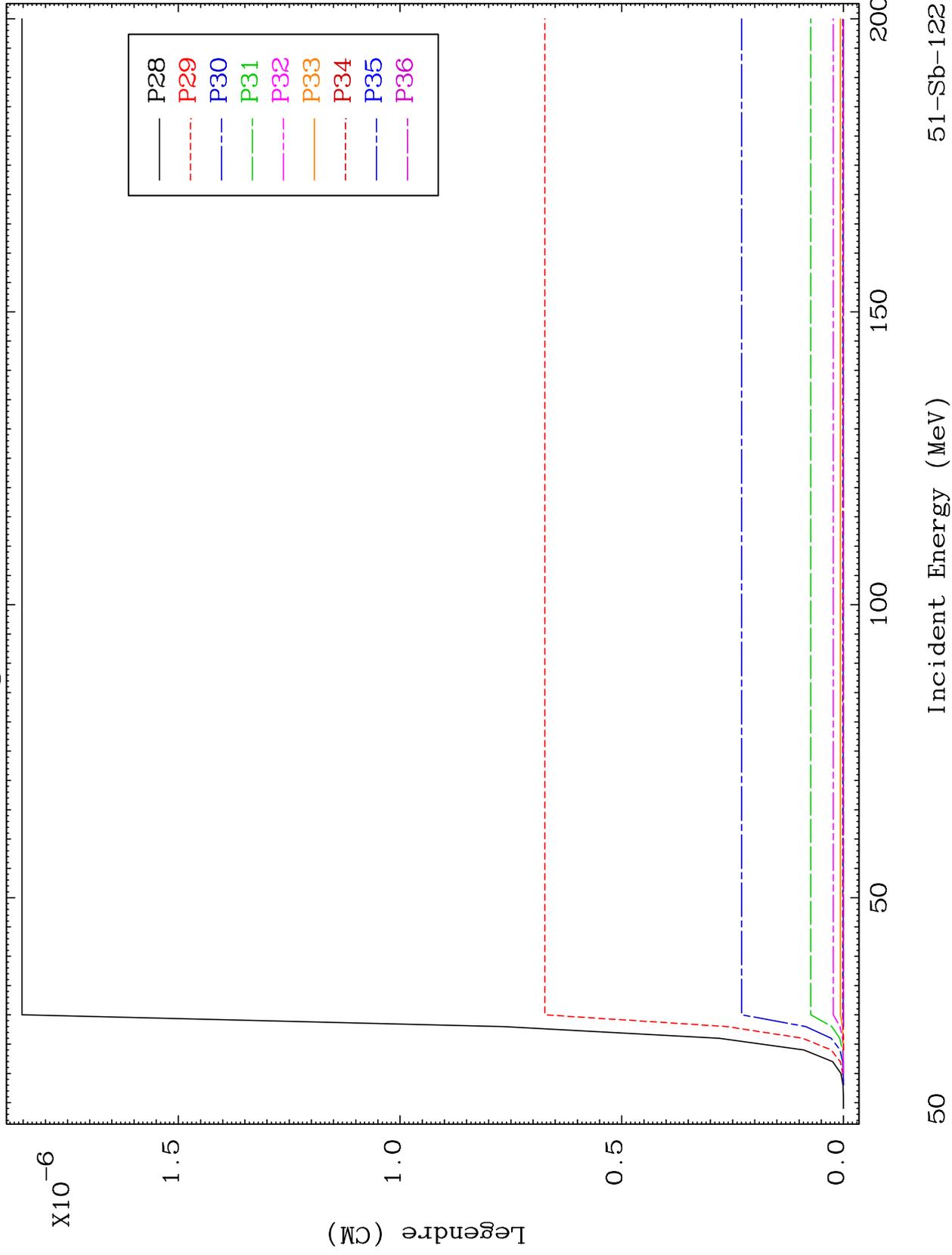
51-Sb-122



MAT 5128

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

51-Sb-122

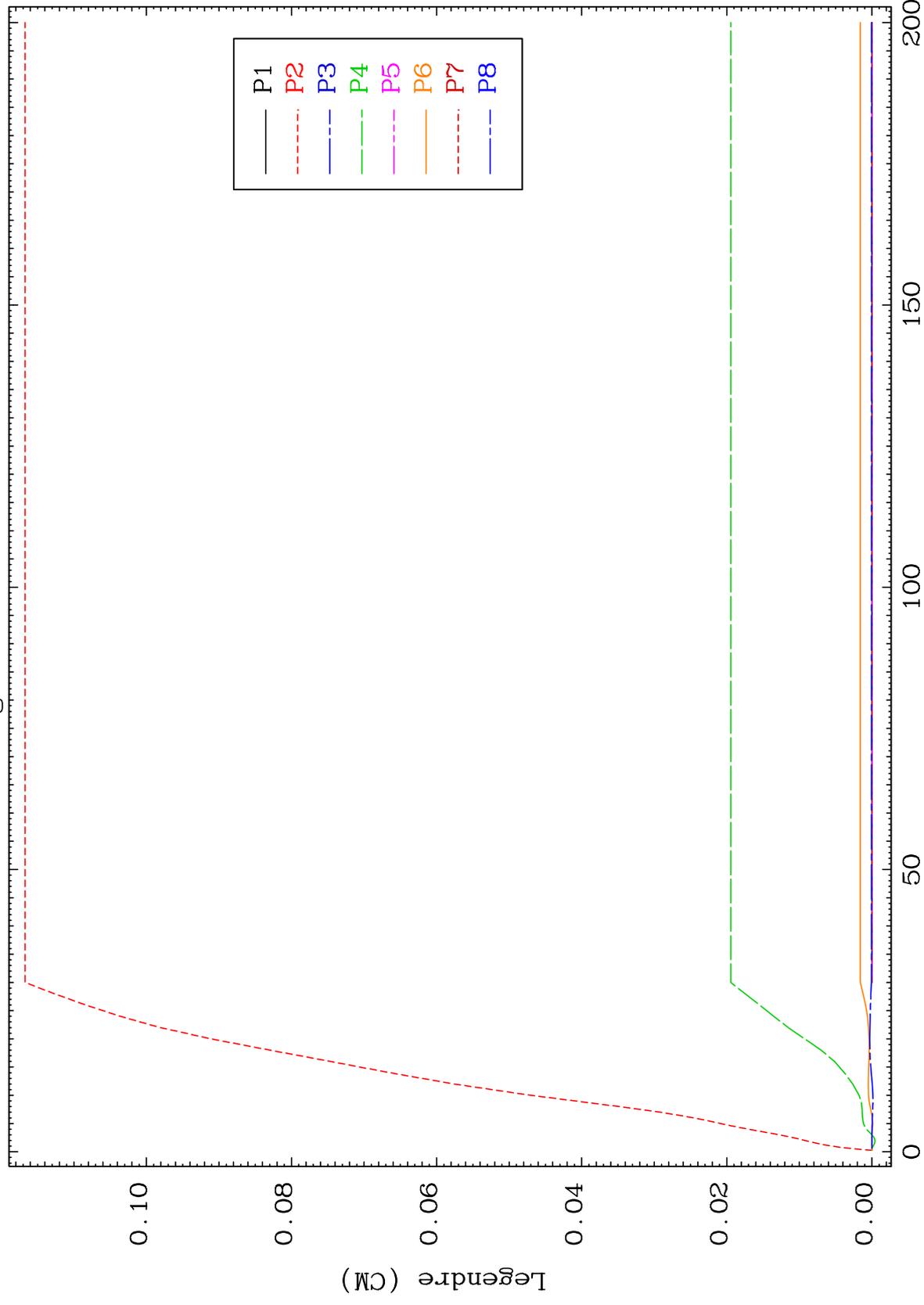


51-Sb-122

MAT 5128

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

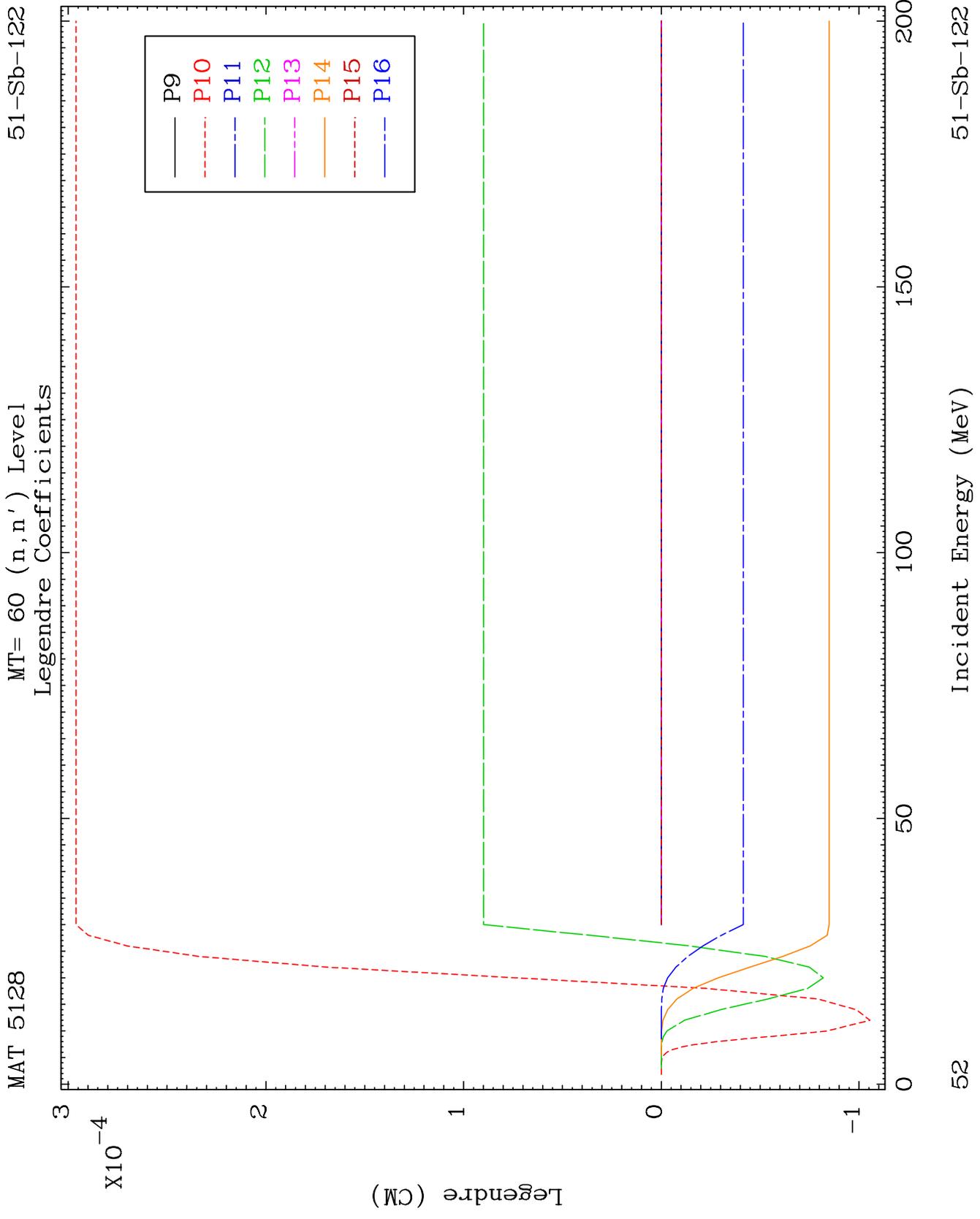
51-Sb-122



51

Incident Energy (MeV)

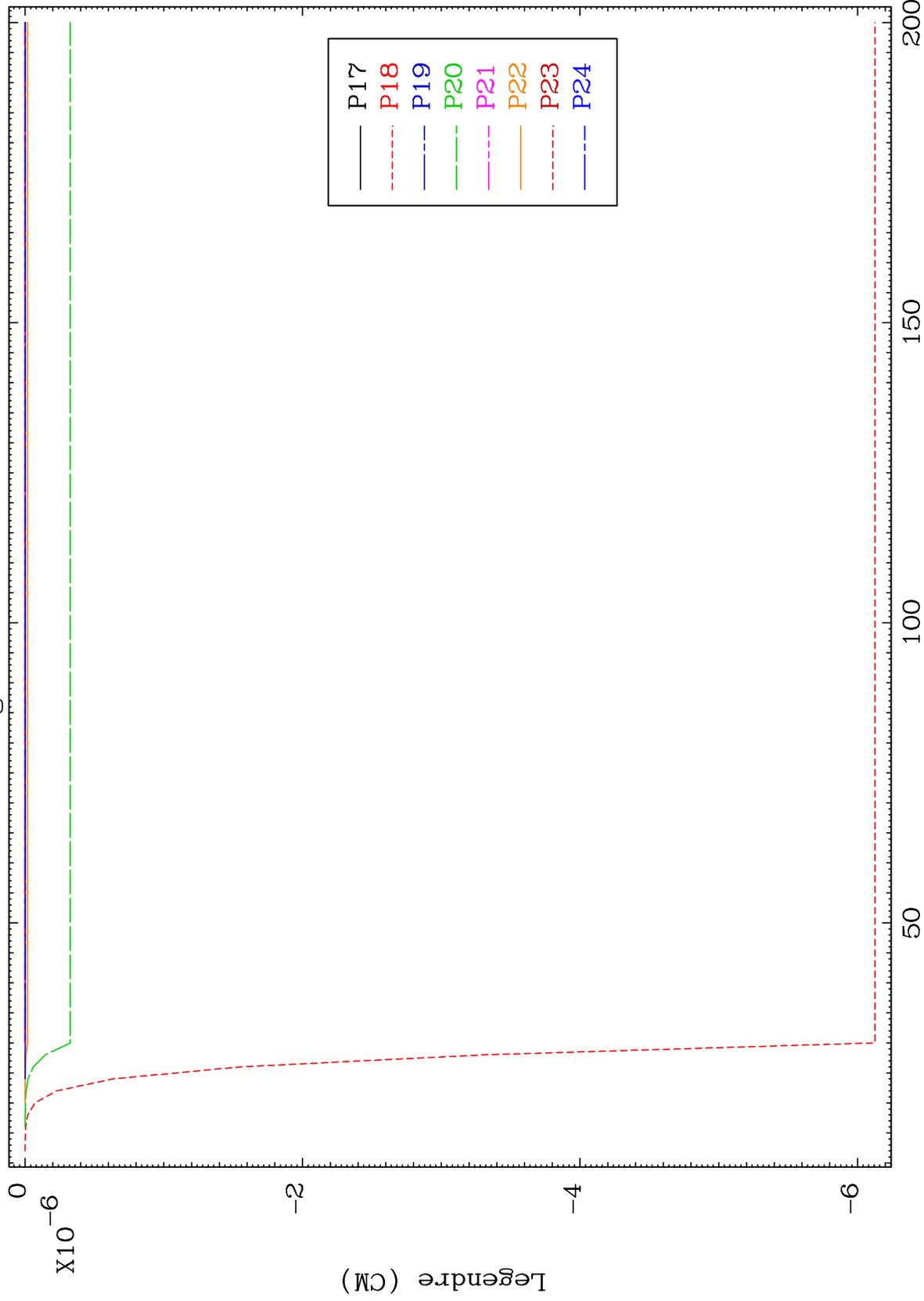
51-Sb-122



MAT 5128

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

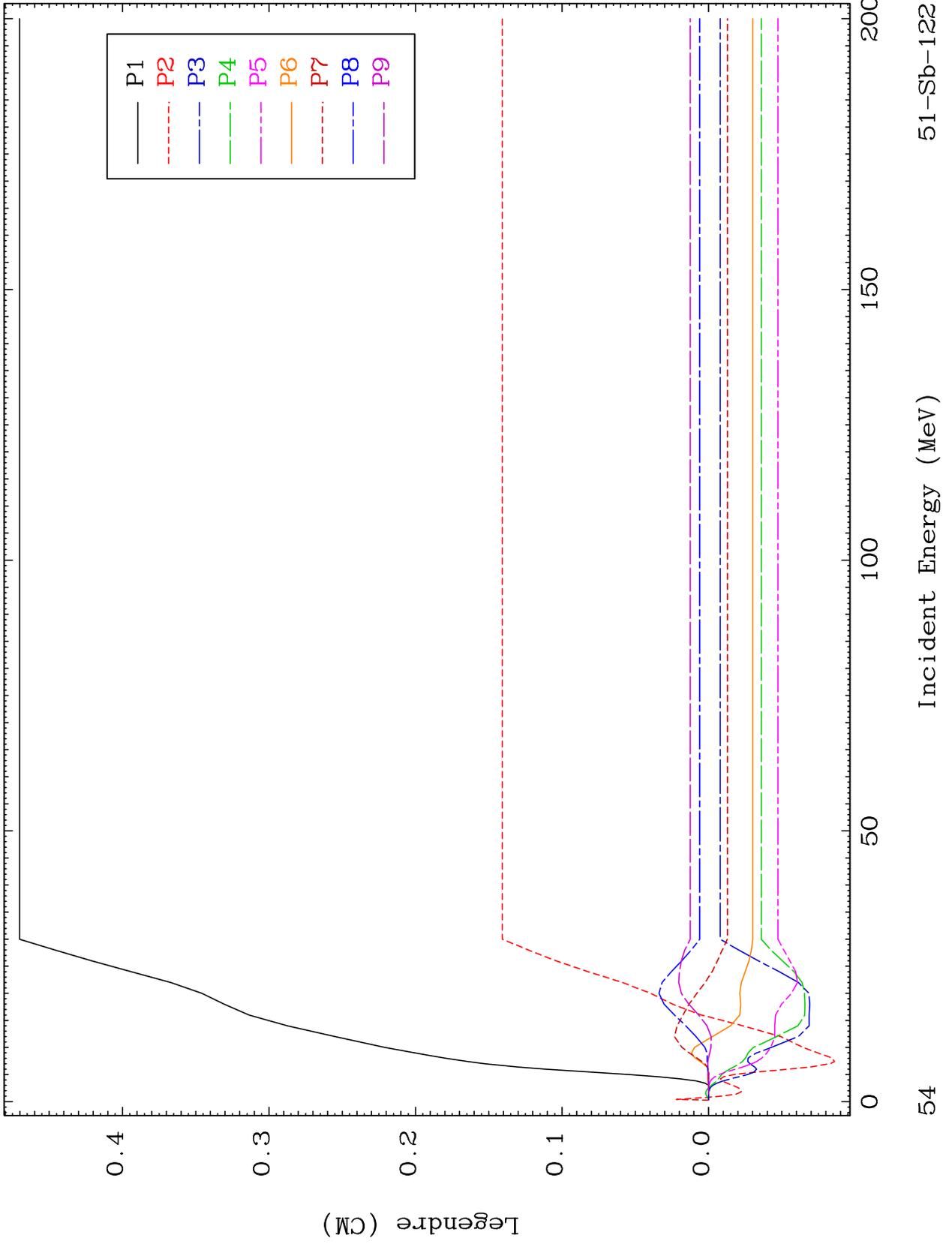
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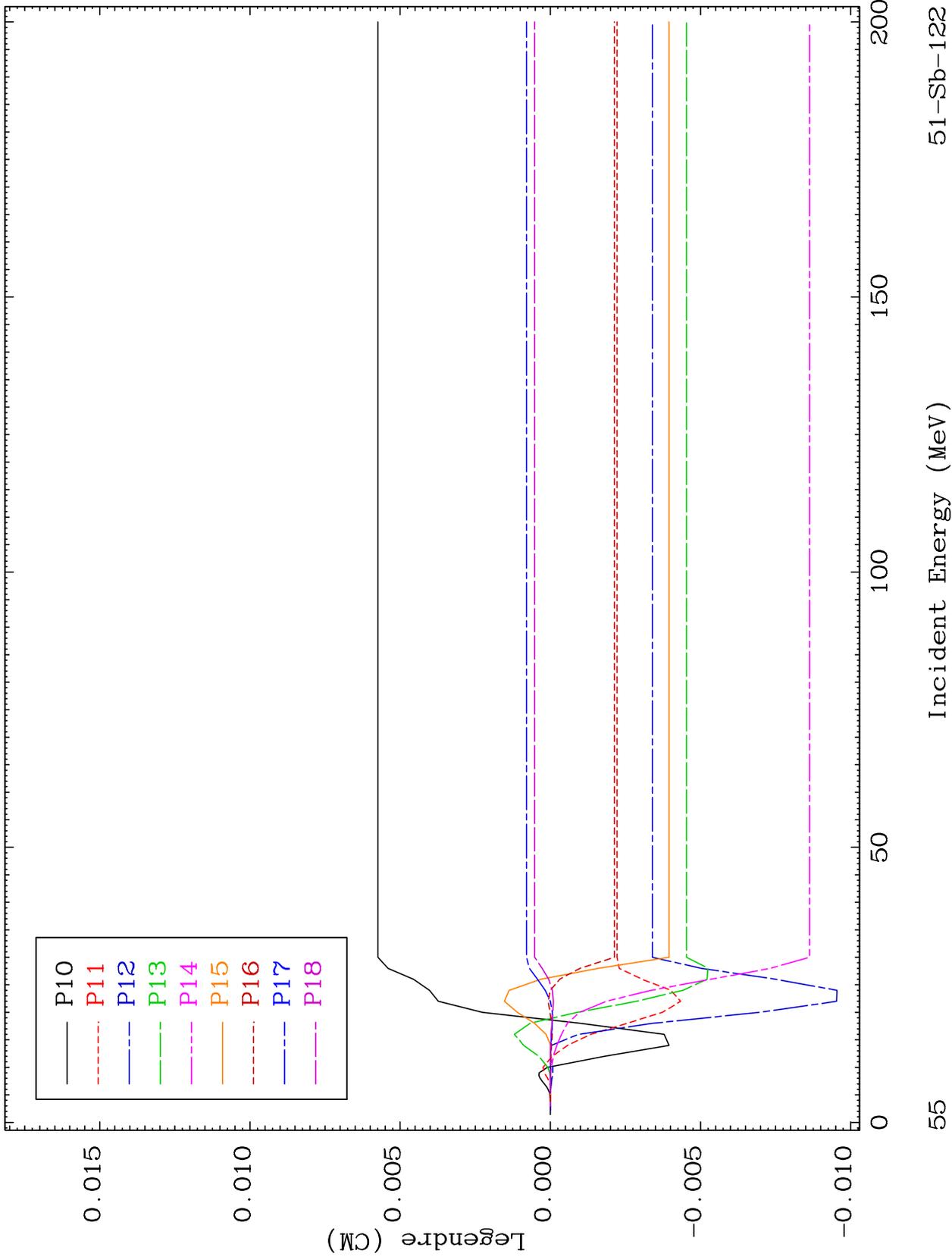


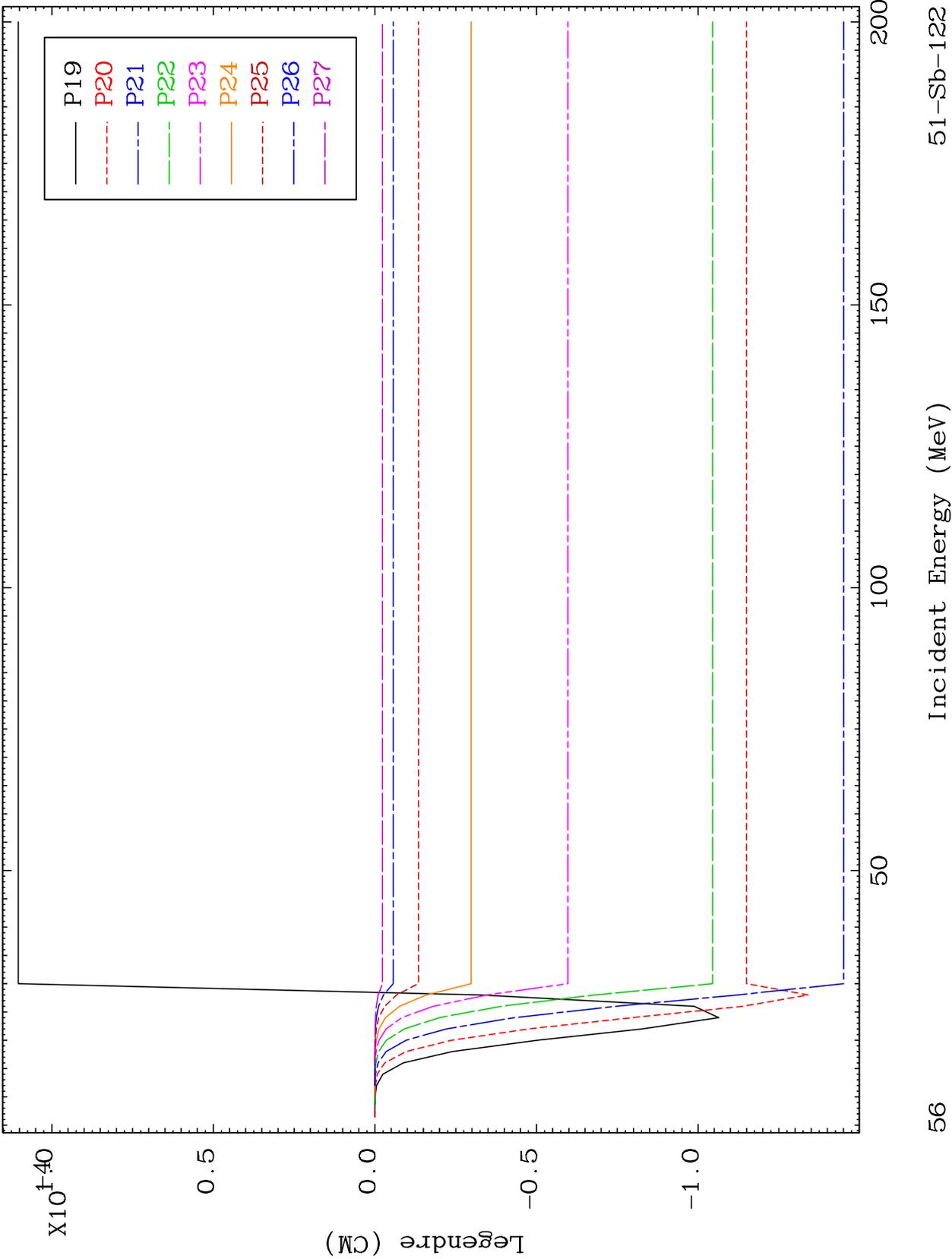
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Incident Energy (MeV)

51-Sb-122



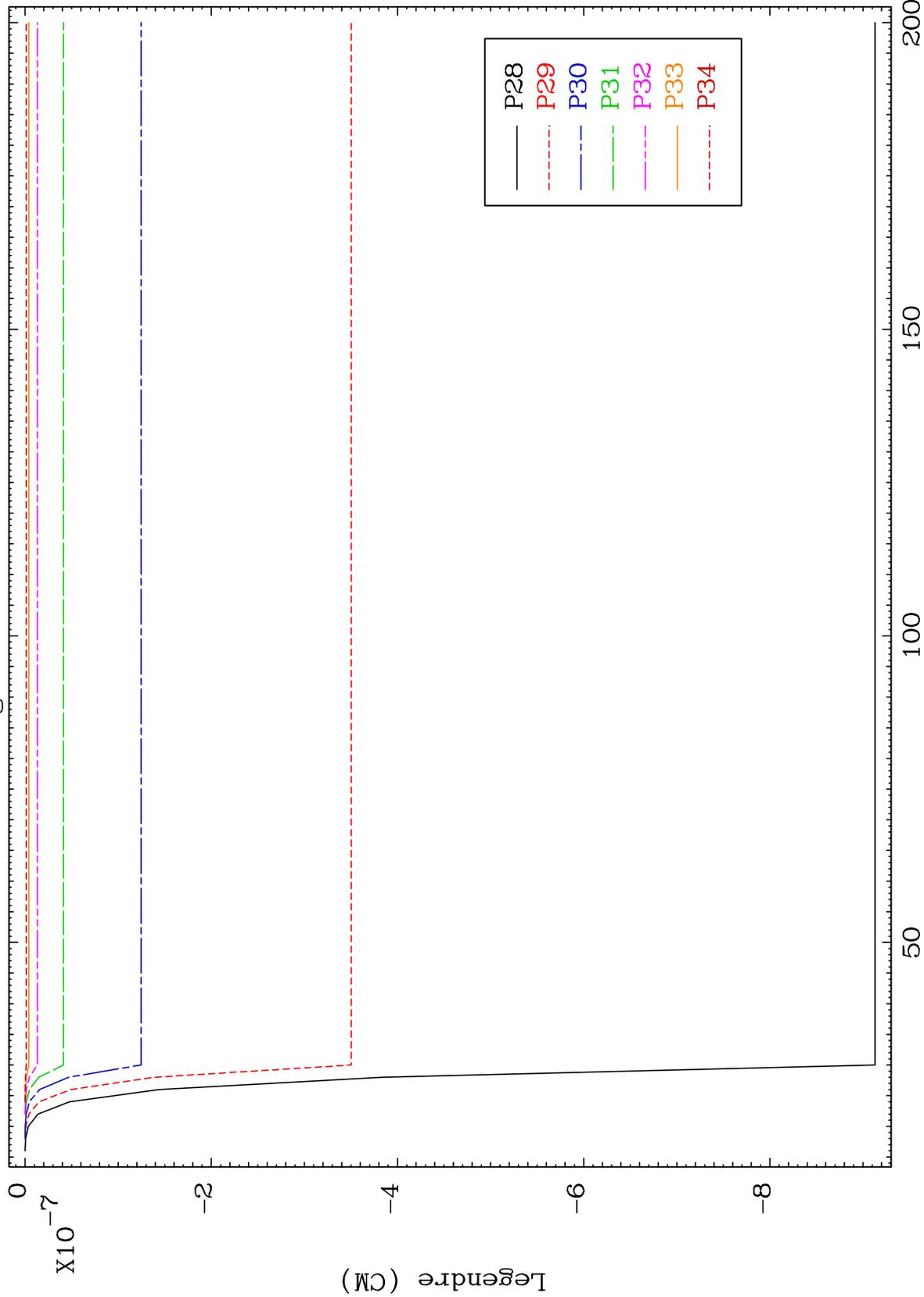




MAT 5128

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

51-Sb-122



57

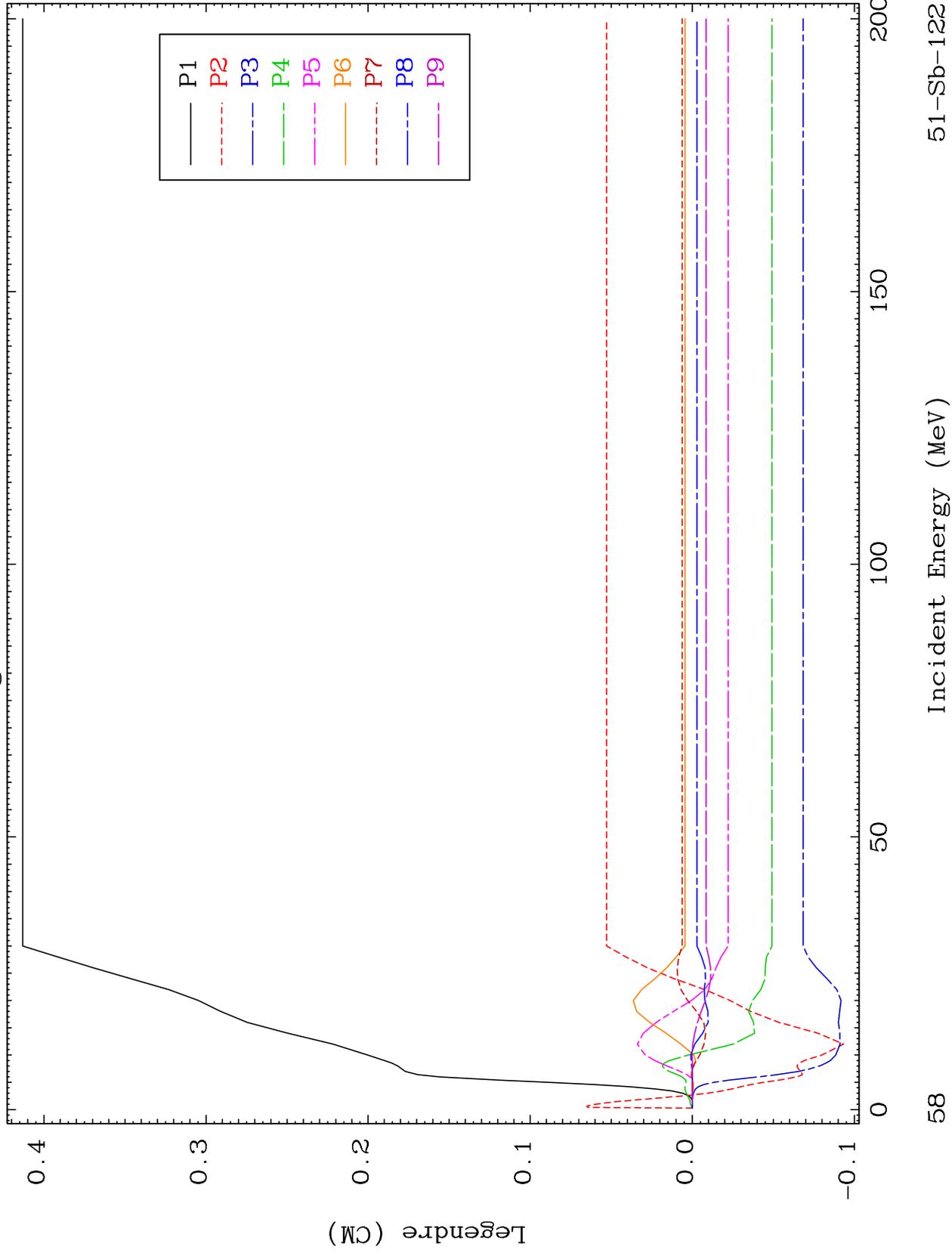
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

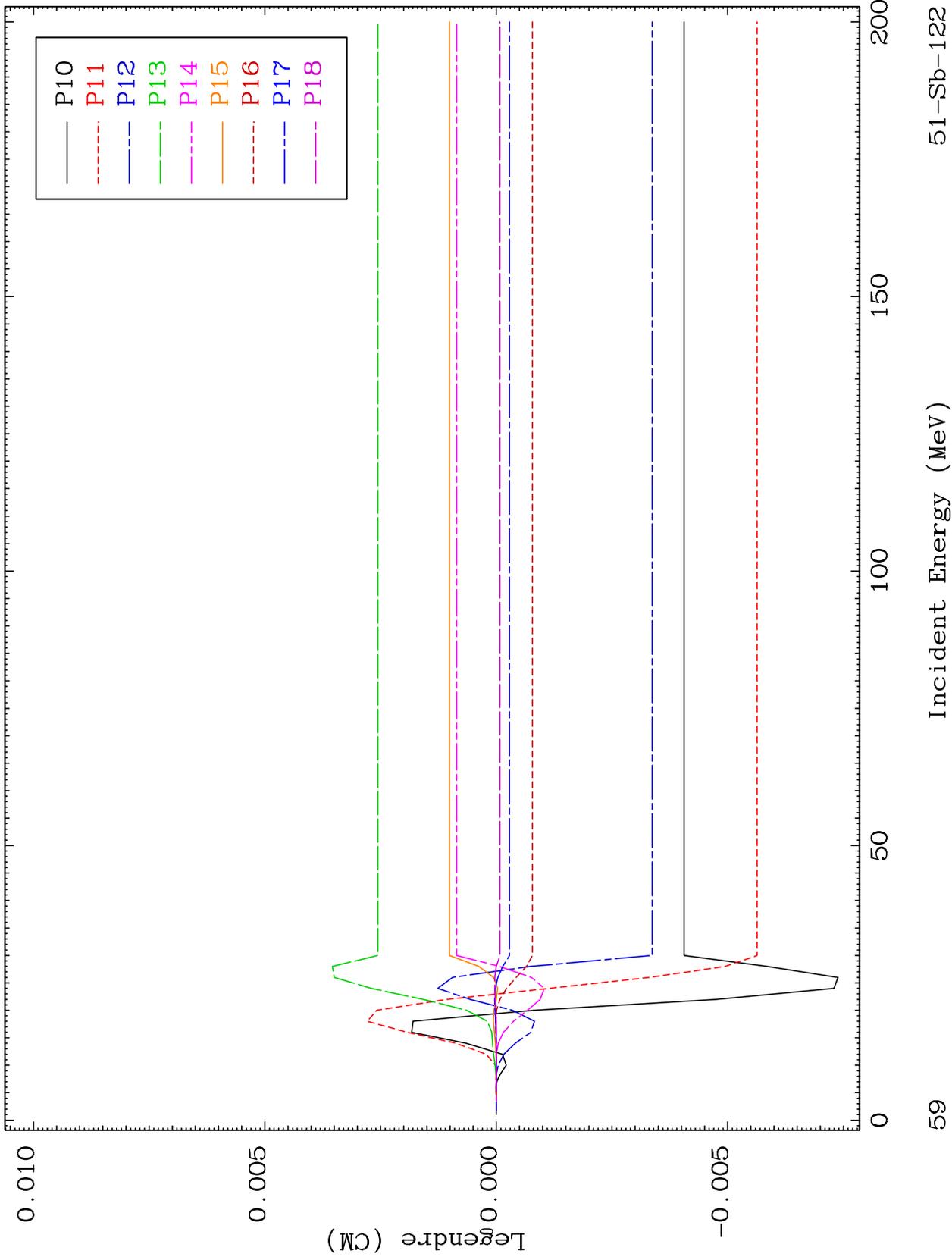
Incident Energy (MeV)

58

MAT 5128

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

51-Sb-122



51-Sb-122

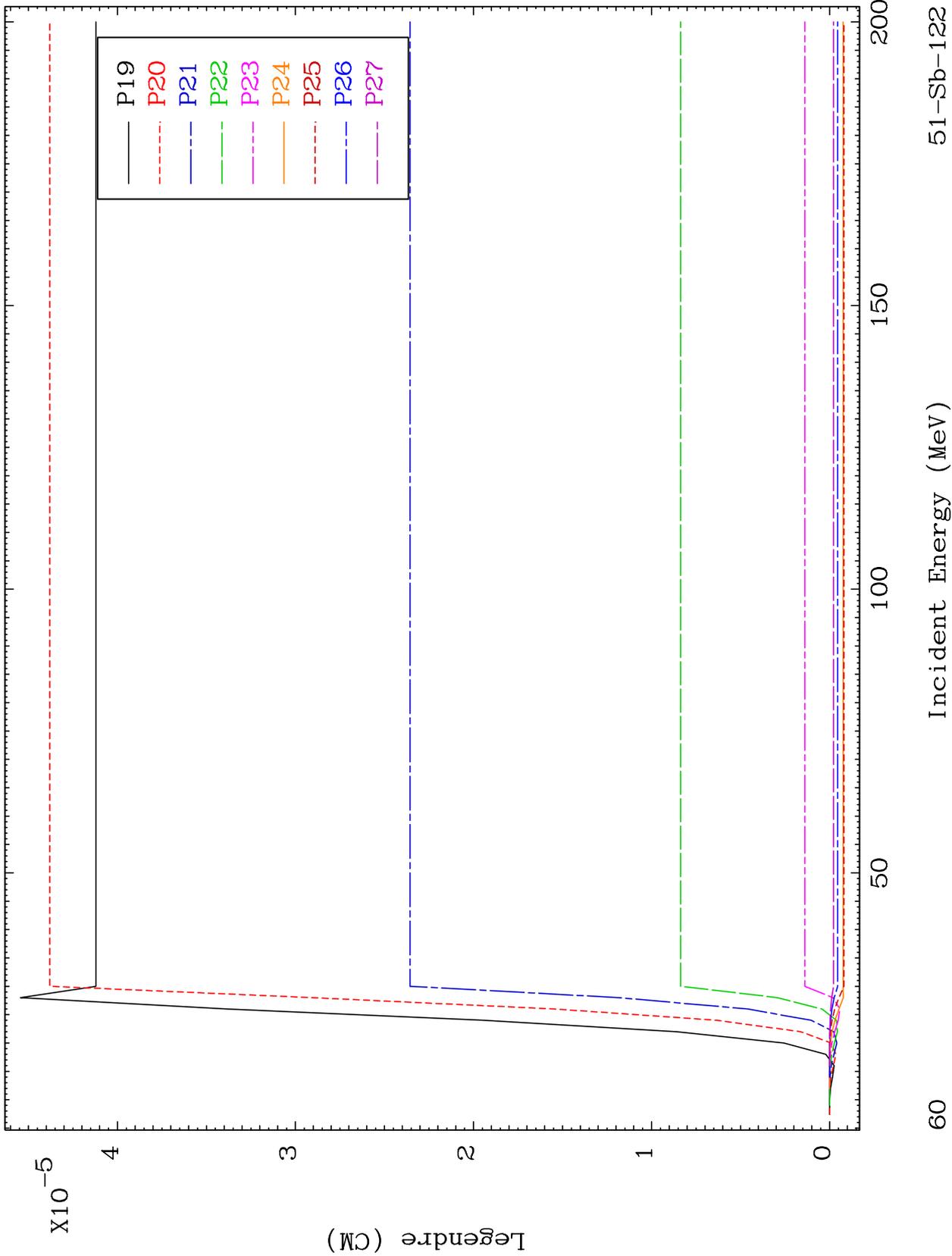
Incident Energy (MeV)

59

MAT 5128

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

51-Sb-122



60

Incident Energy (MeV)

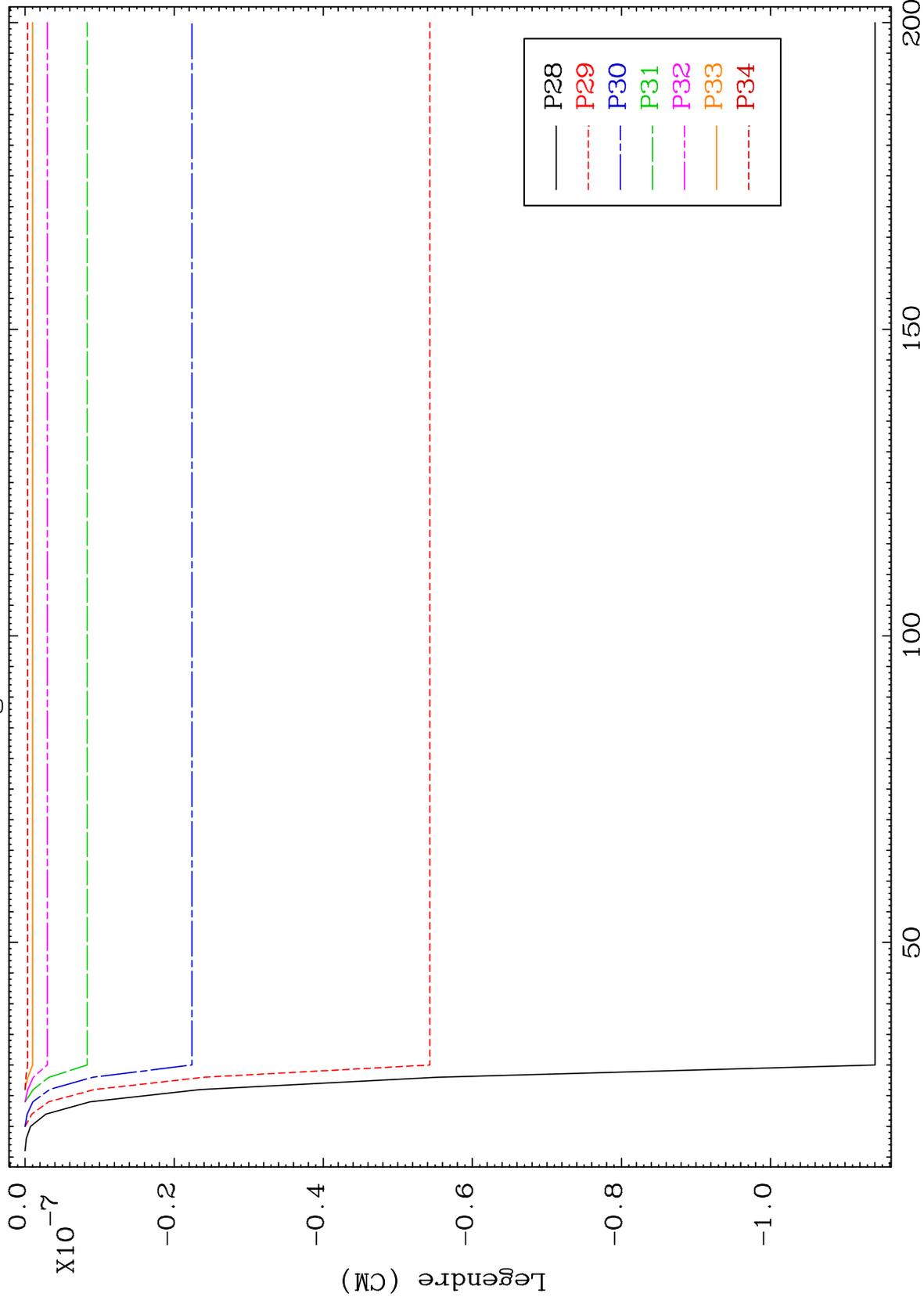
51-Sb-122

MAT 5128

MT= 62 (n,n') Level

51-Sb-122

Legendre Coefficients



61

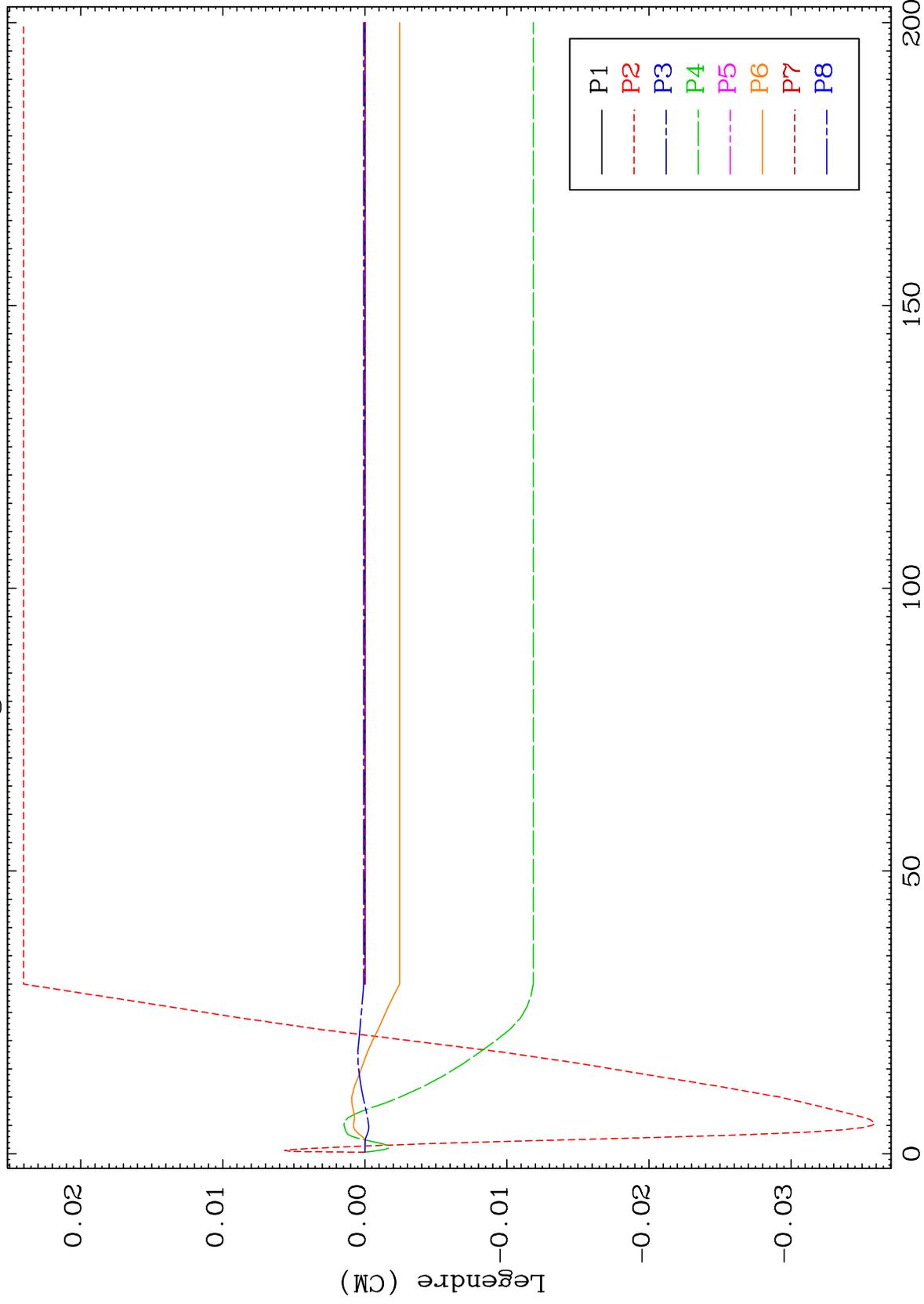
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

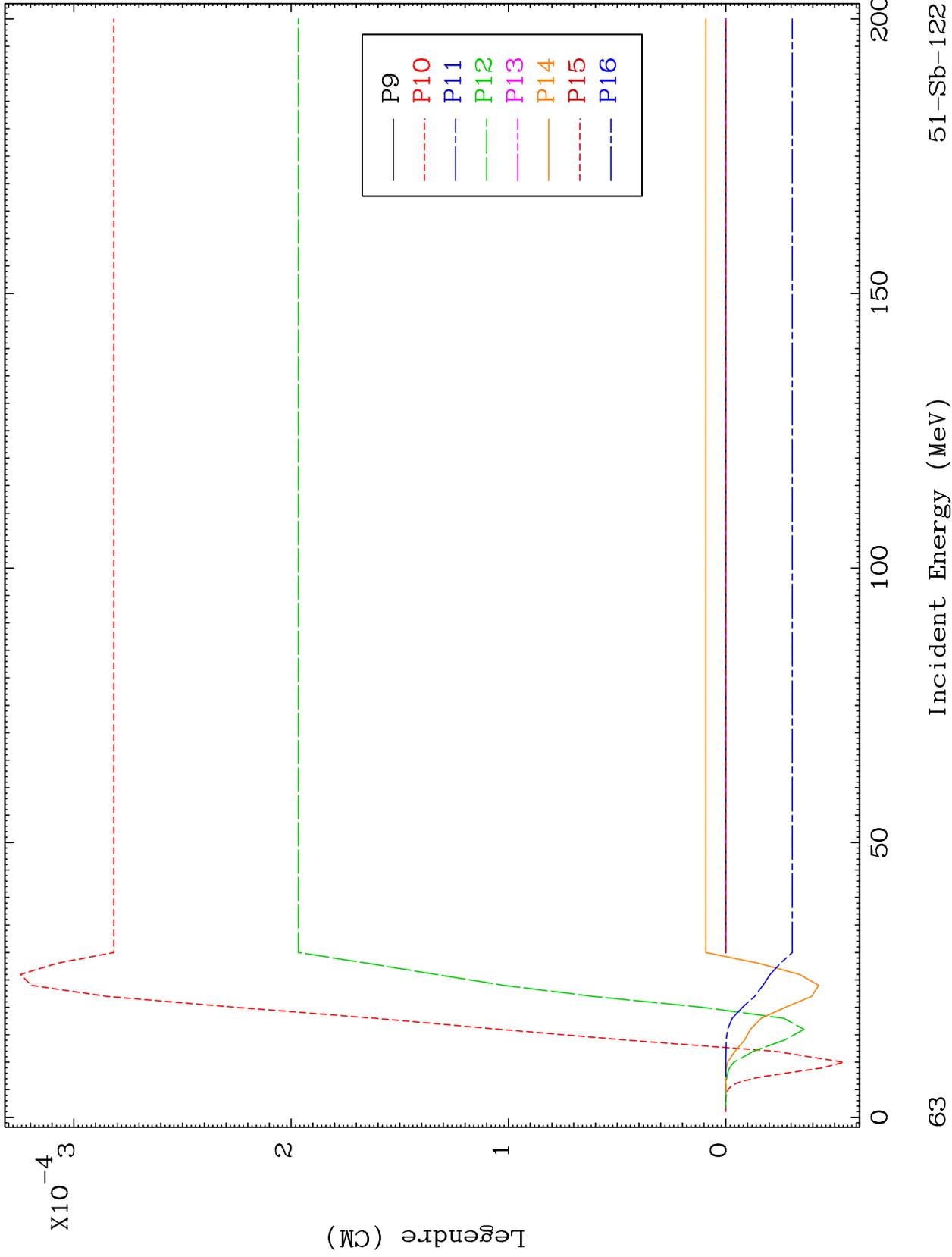
Incident Energy (MeV)

62

MAT 5128

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

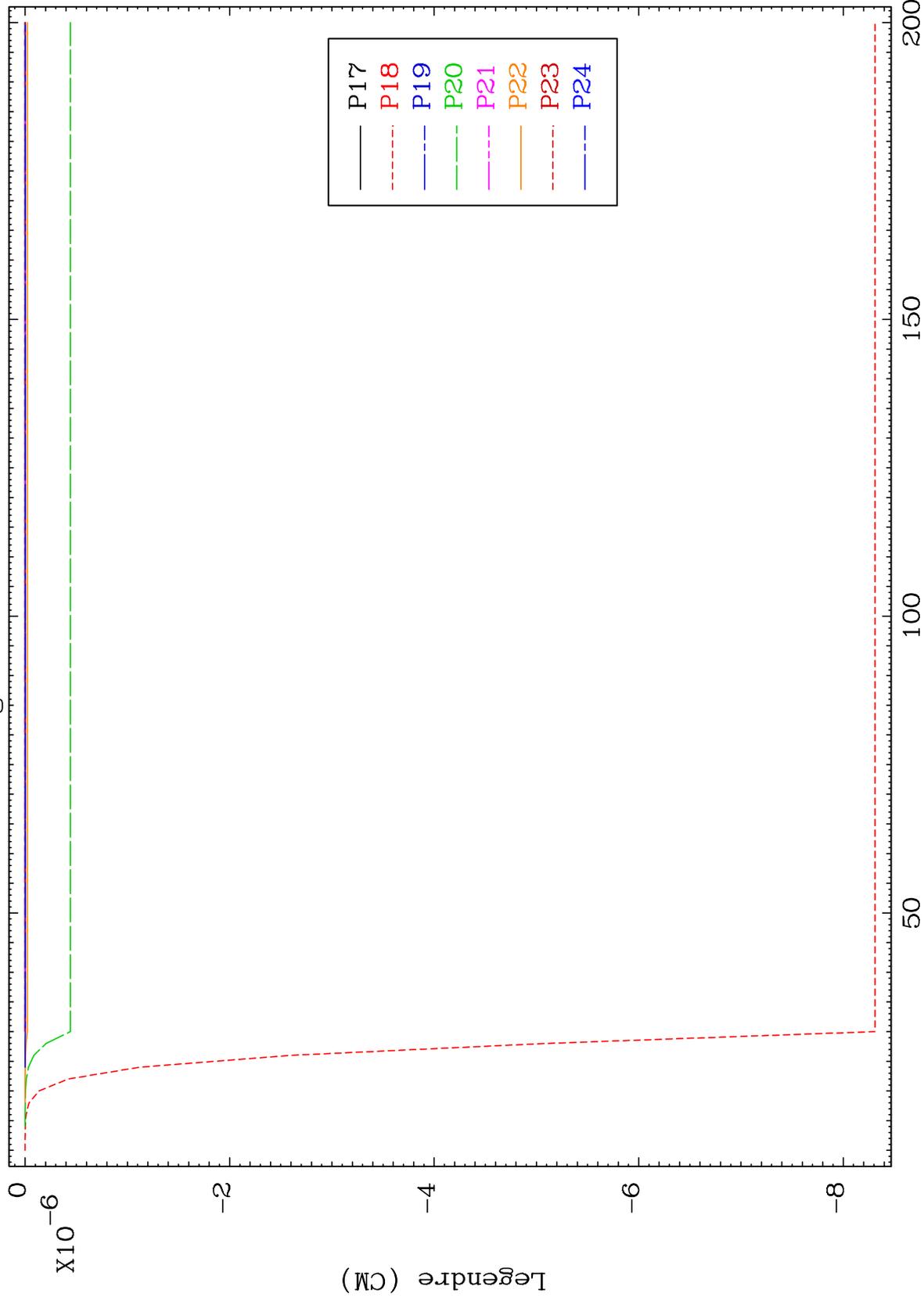
51-Sb-122



MAT 5128

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

51-Sb-122



64

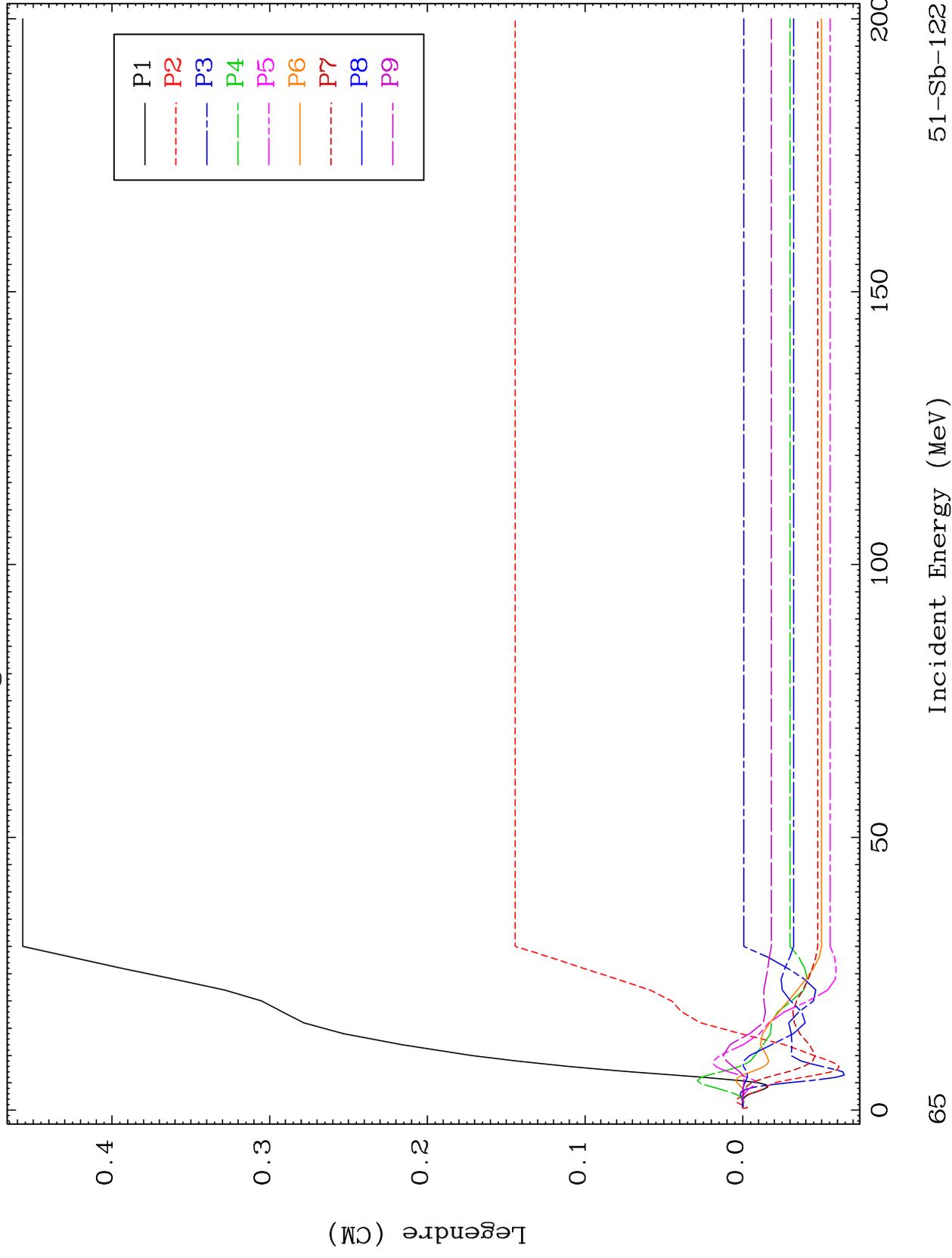
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

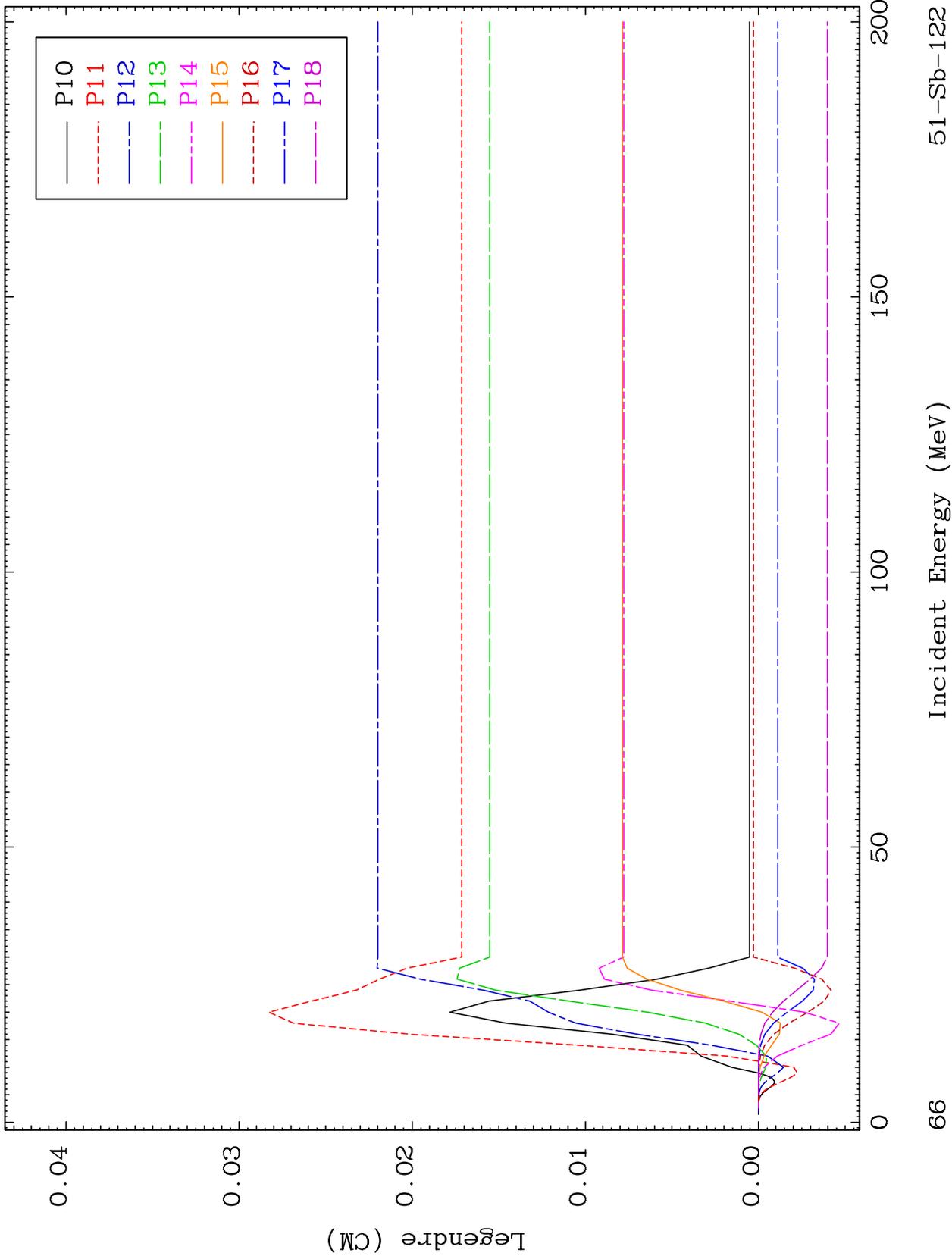
Incident Energy (MeV)

65

MAT 5128

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

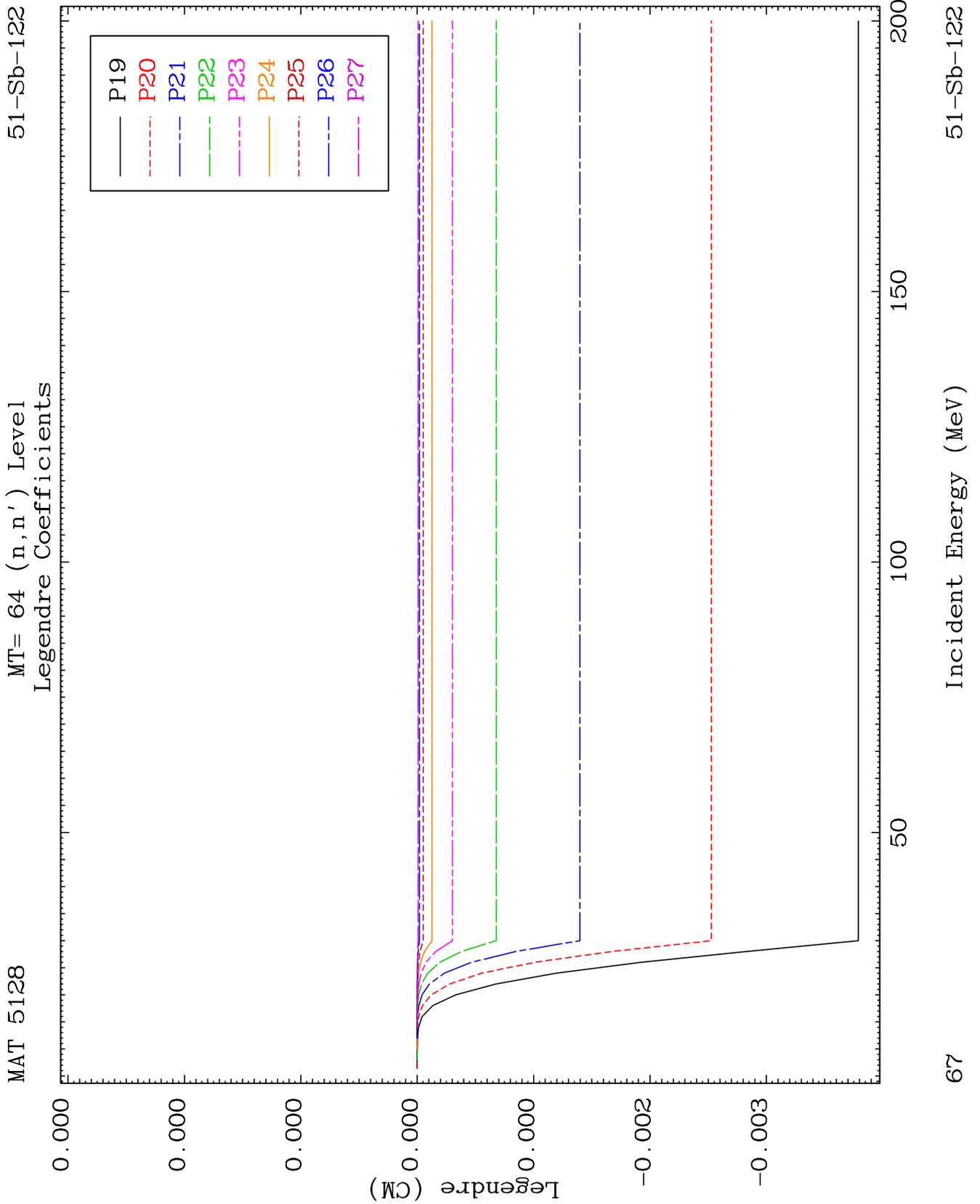
51-Sb-122



51-Sb-122

Incident Energy (MeV)

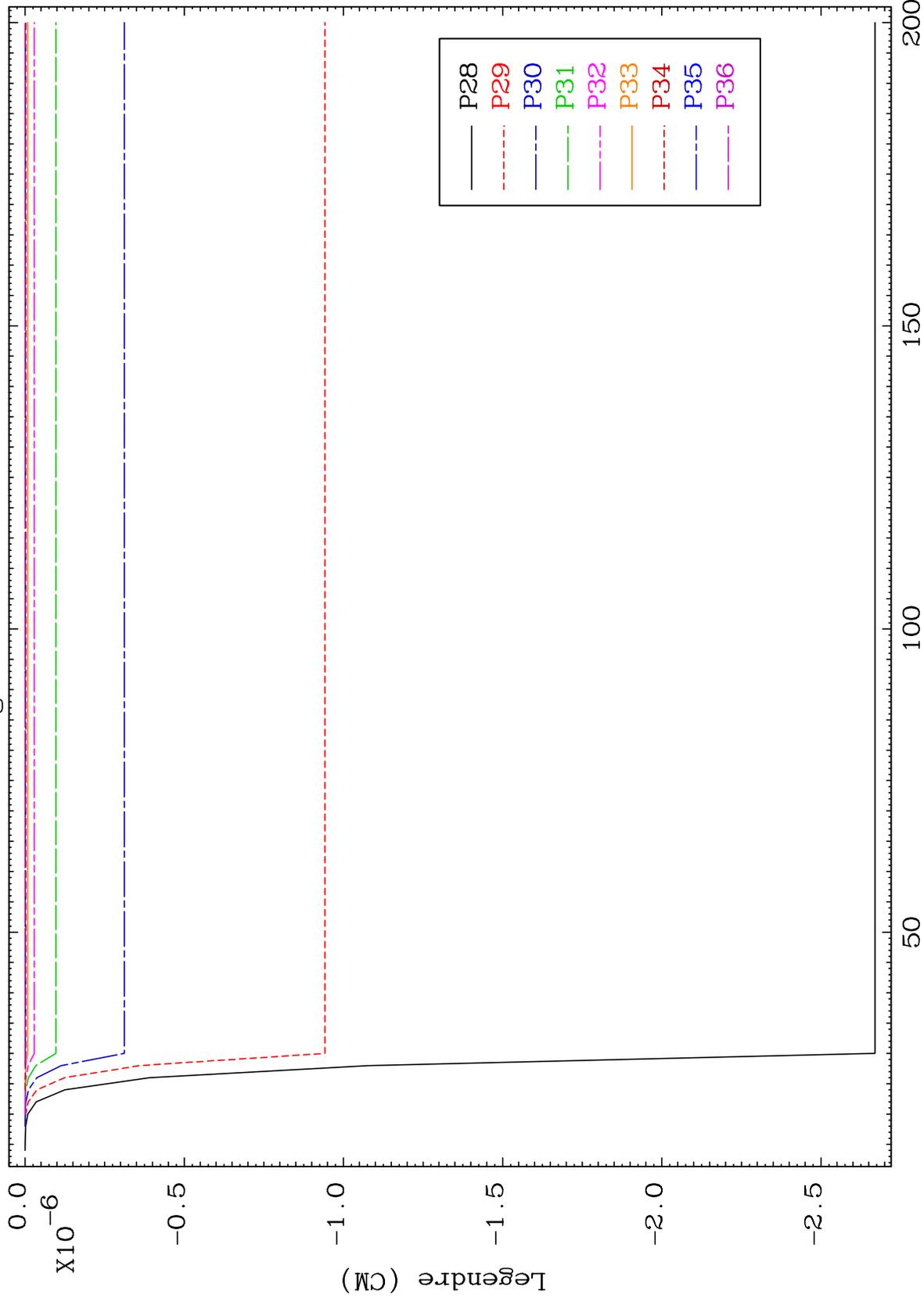
66



MAT 5128

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

51-Sb-122



68

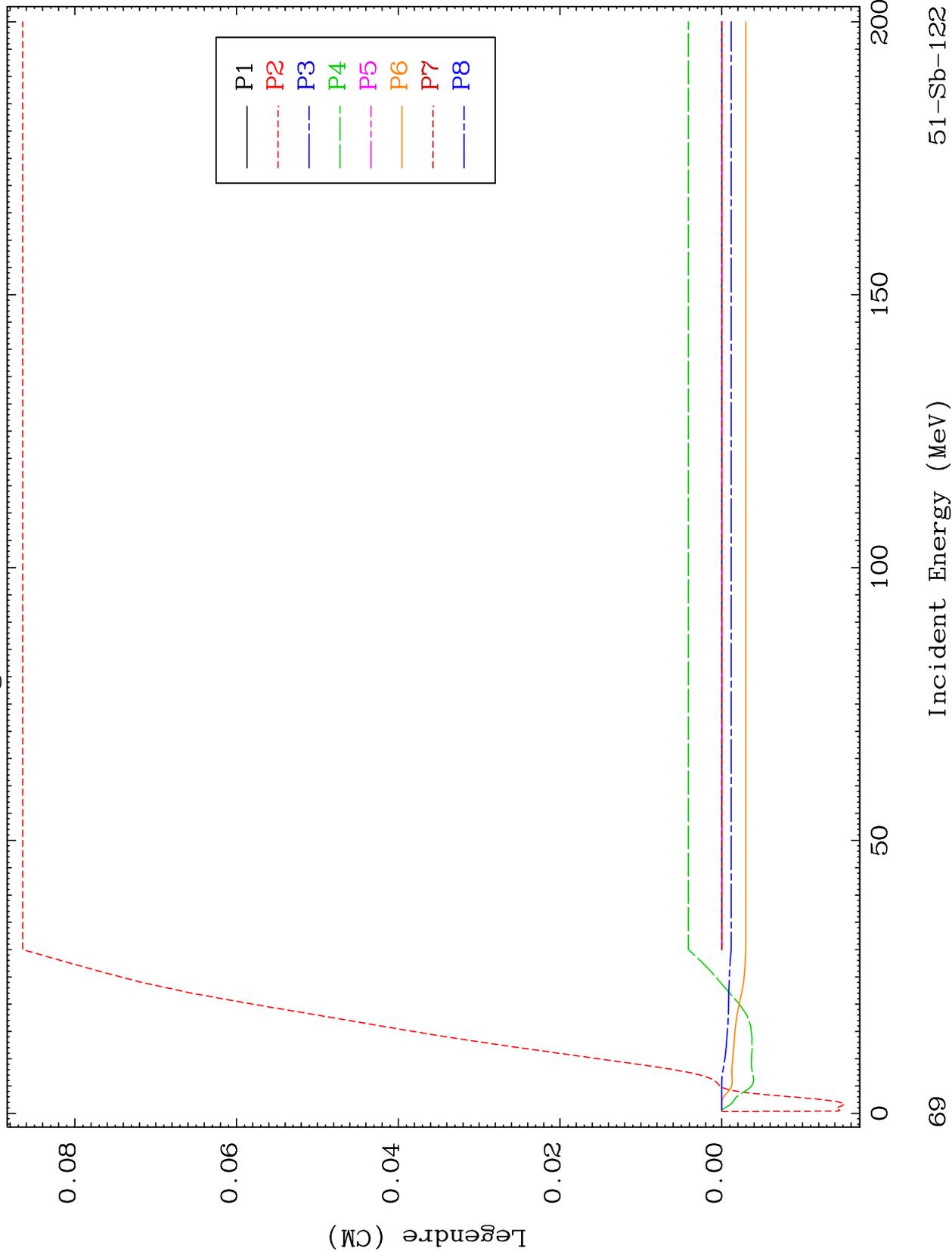
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

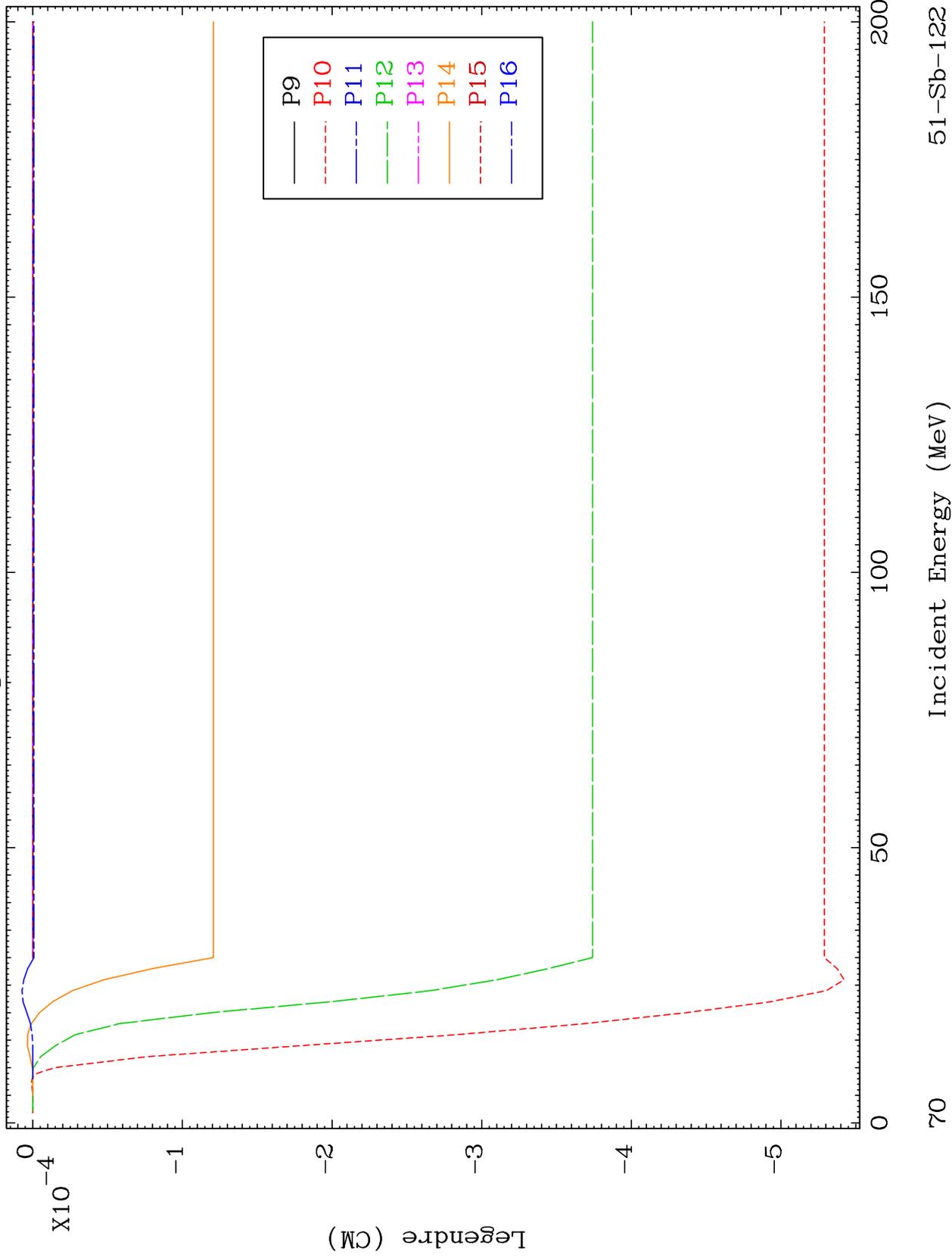
51-Sb-122



MAT 5128

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

51-Sb-122



51-Sb-122

Incident Energy (MeV)

70

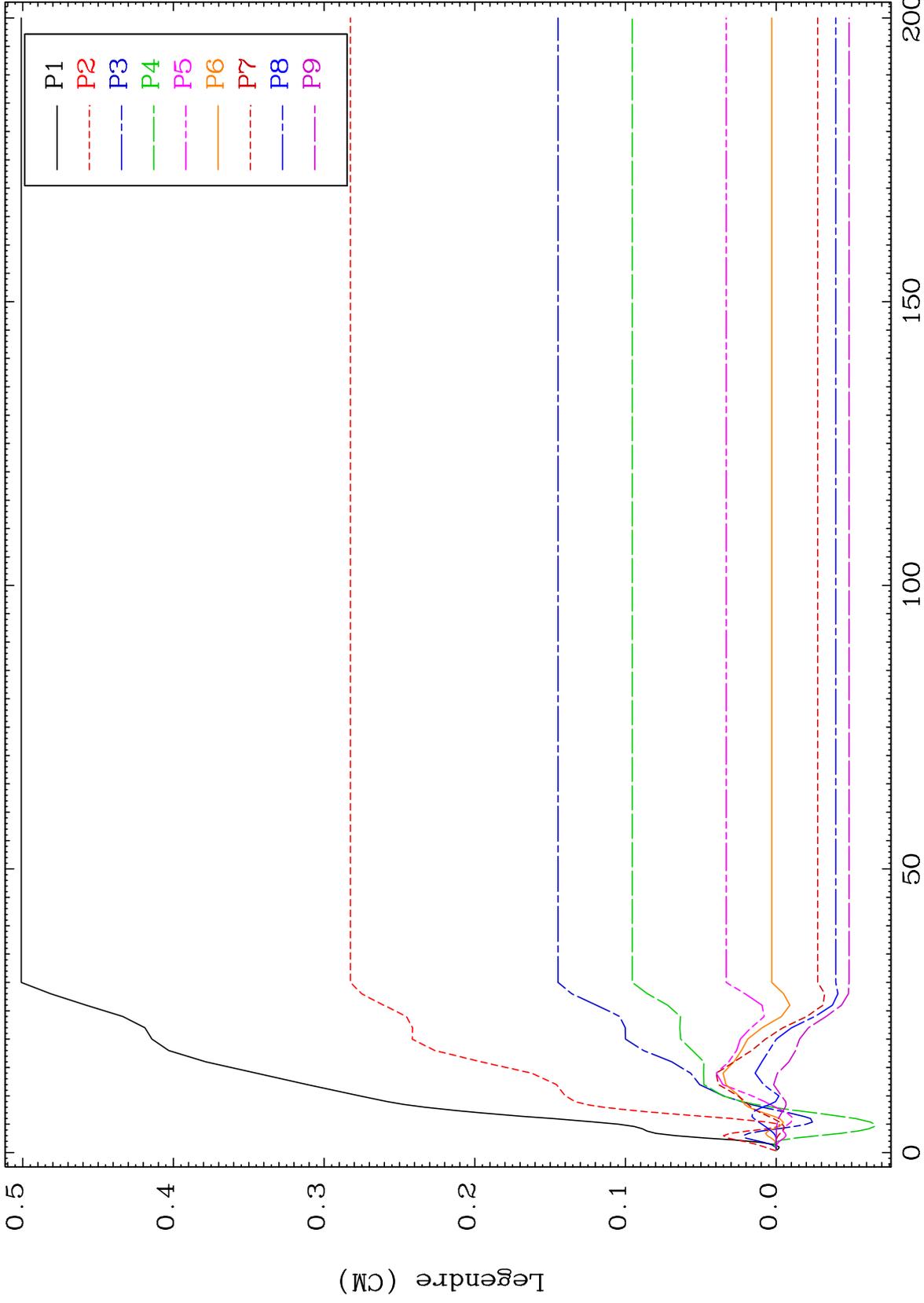


MAT 5128

MT= 66 (n,n') Level

51-Sb-122

Legendre Coefficients



72

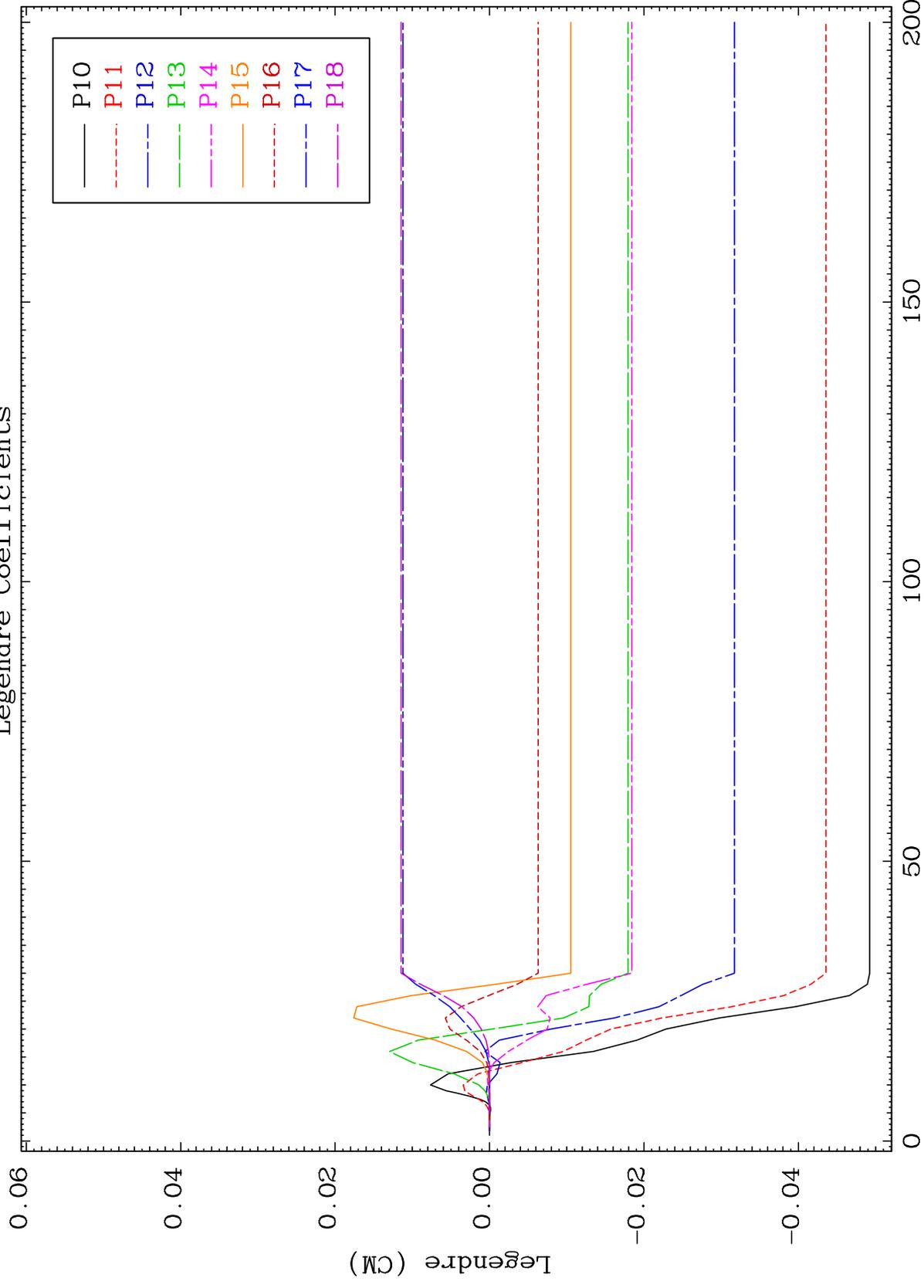
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



73

Incident Energy (MeV)

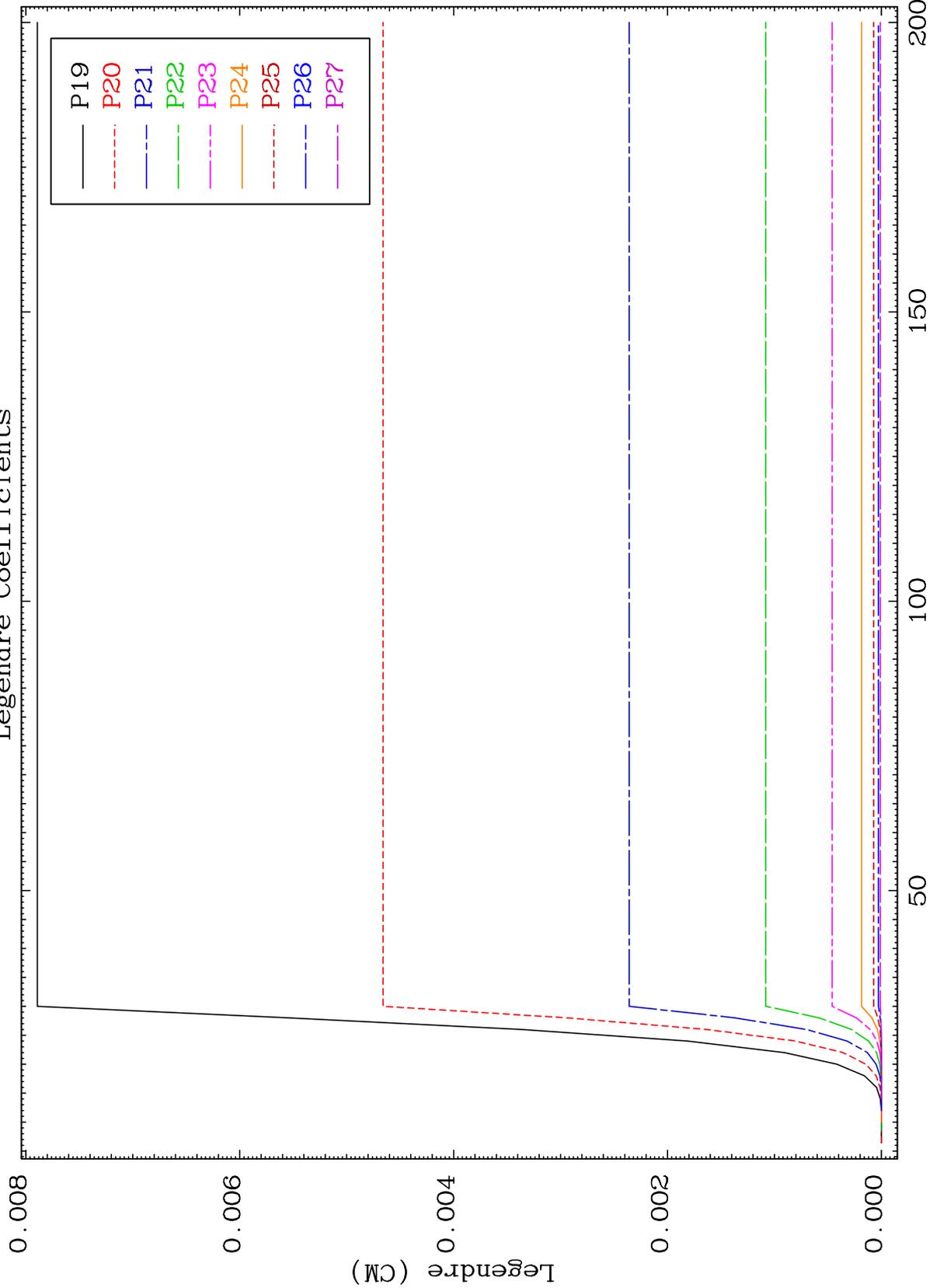
51-Sb-122

MAT 5128

MT= 66 (n,n') Level

51-Sb-122

Legendre Coefficients



51-Sb-122

Incident Energy (MeV)

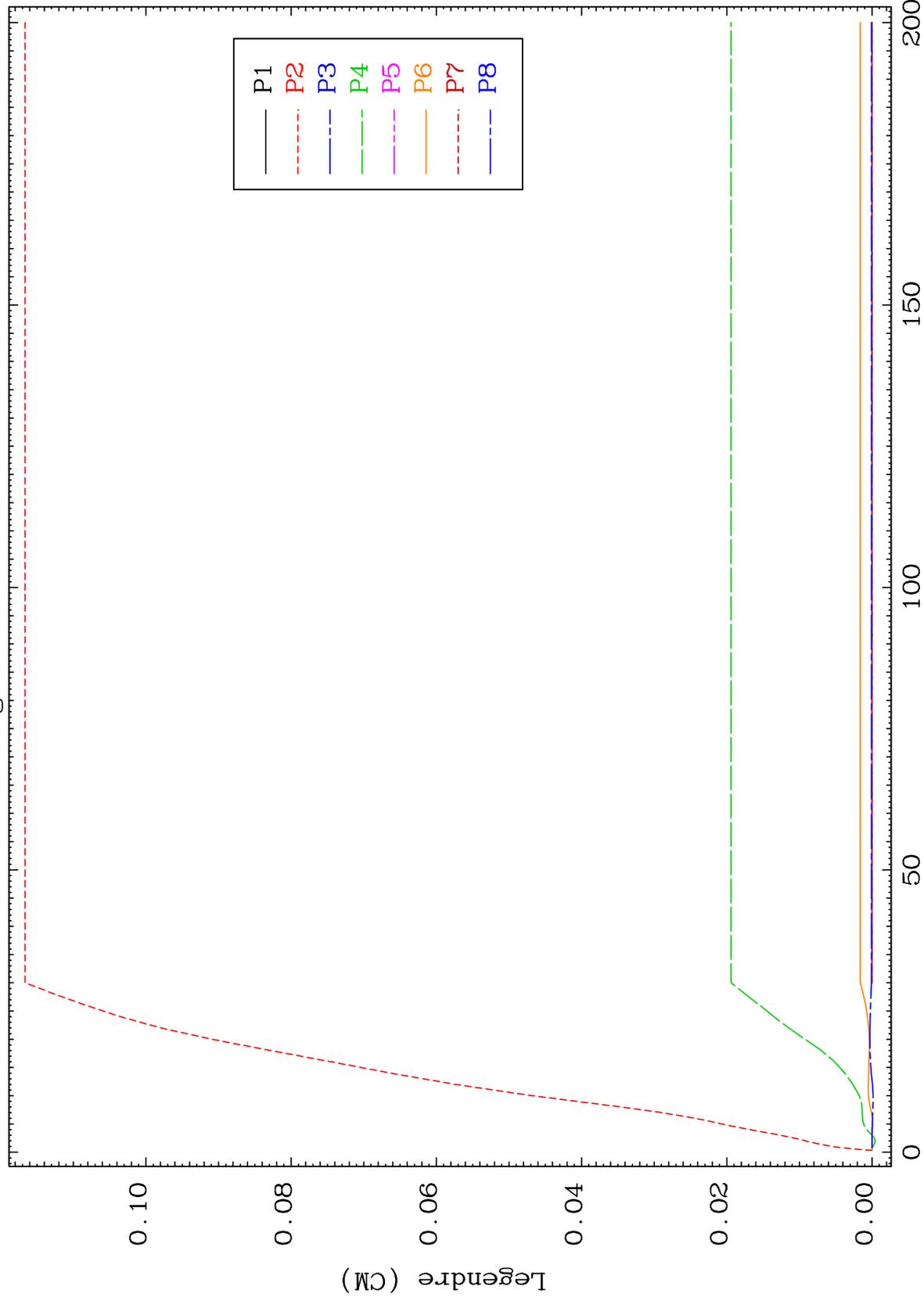
74



MAT 5128

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

51-Sb-122



76

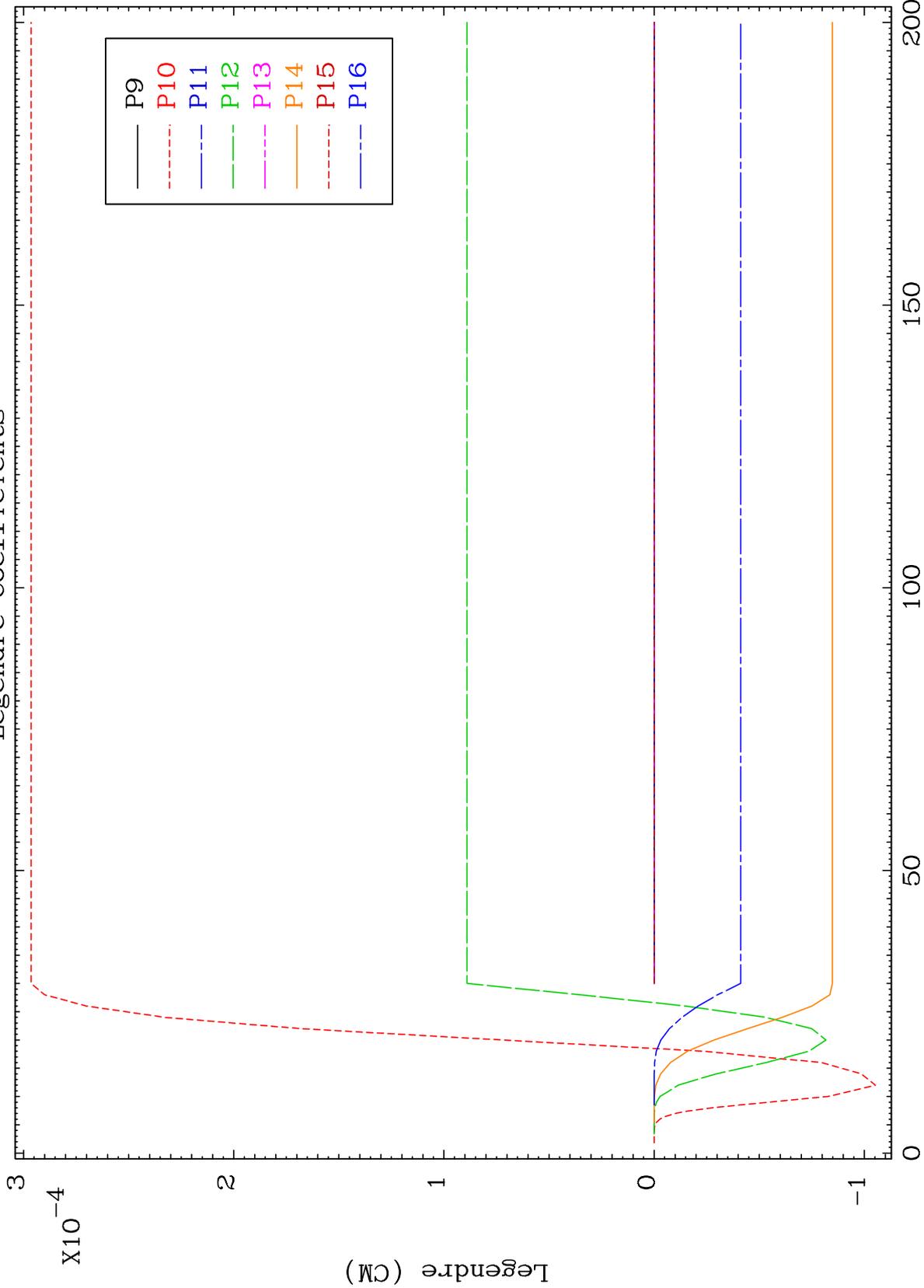
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



77

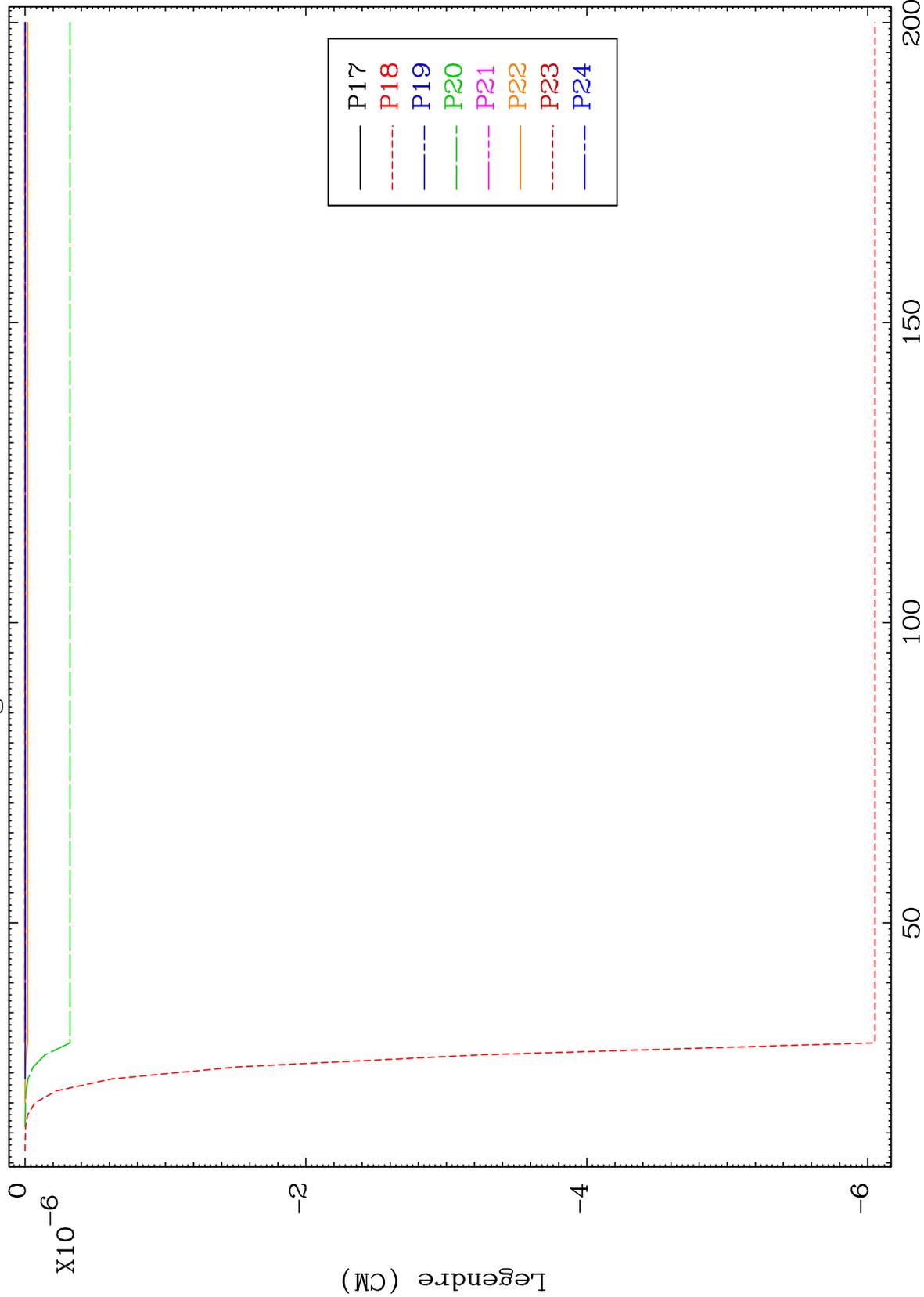
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



78

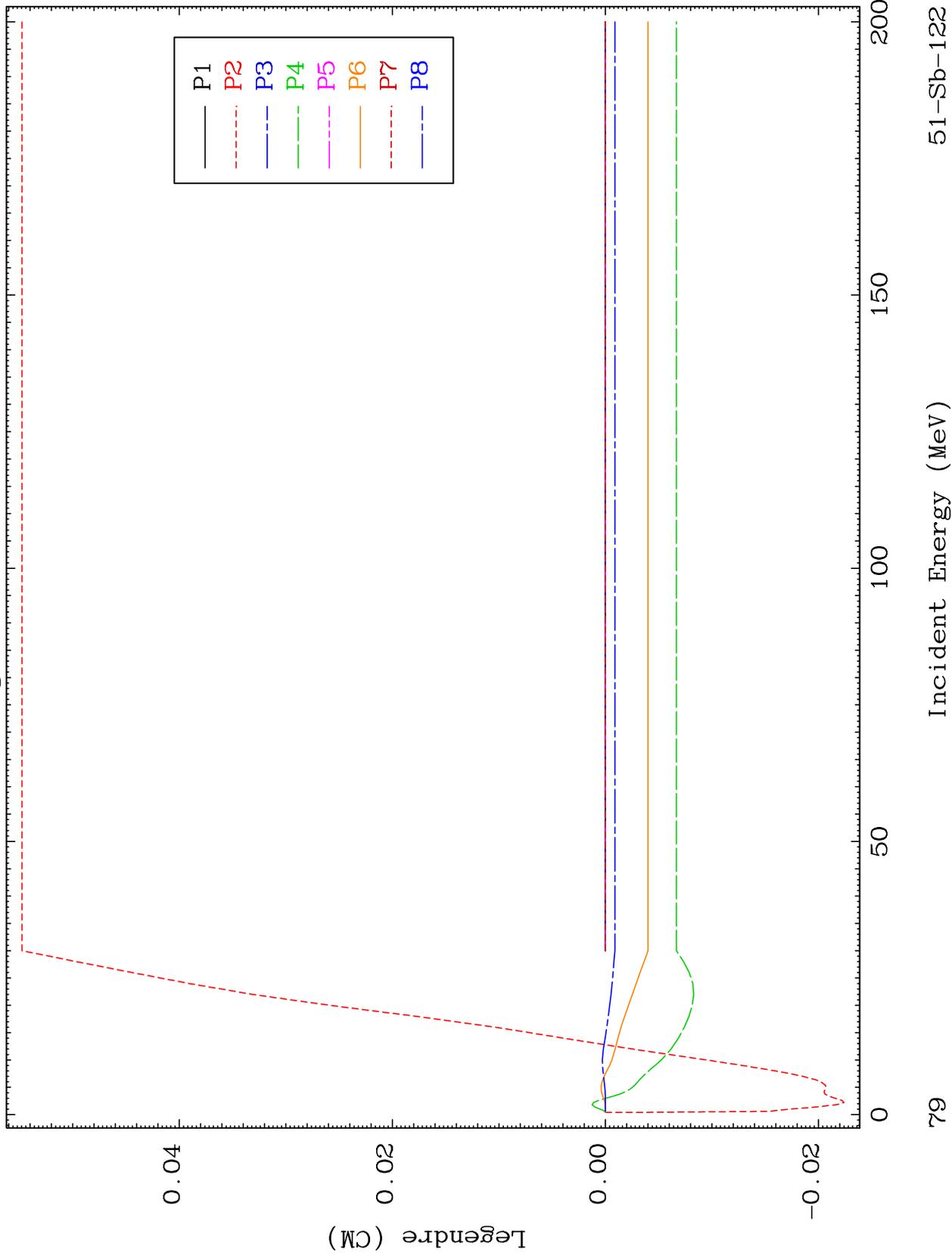
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

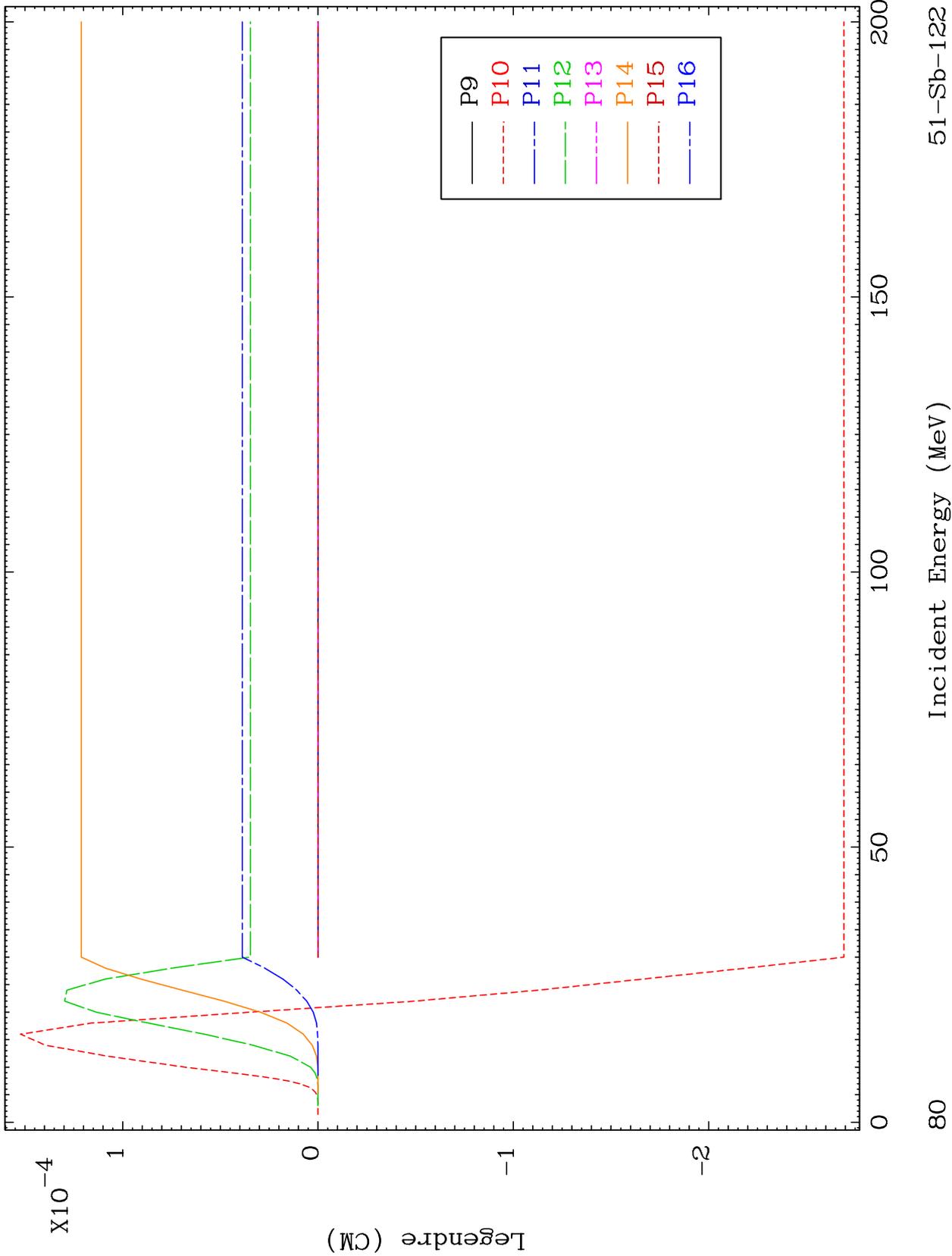
Incident Energy (MeV)

79

MAT 5128

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

51-Sb-122



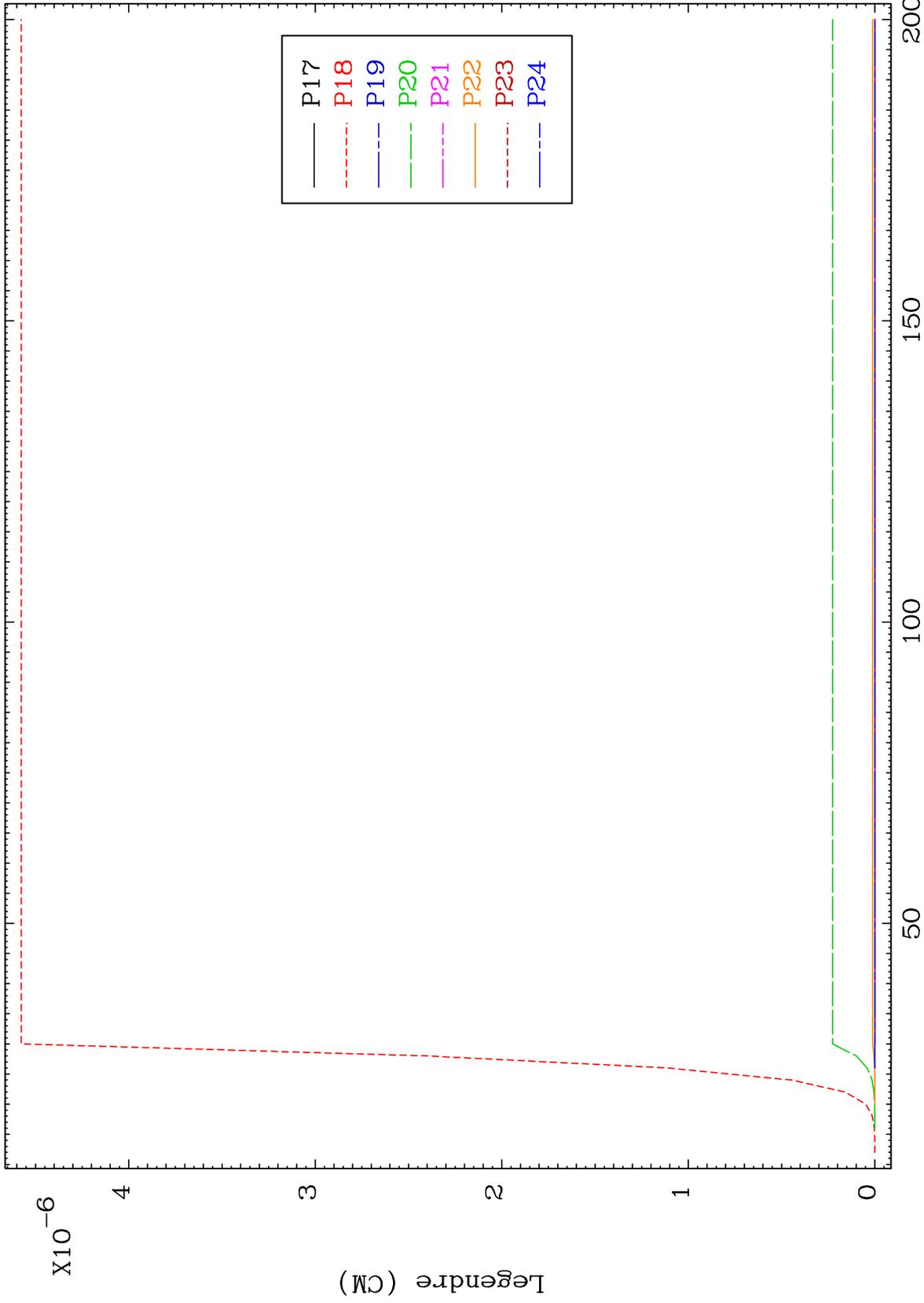
51-Sb-122

Incident Energy (MeV)

MAT 5128

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

51-Sb-122



81

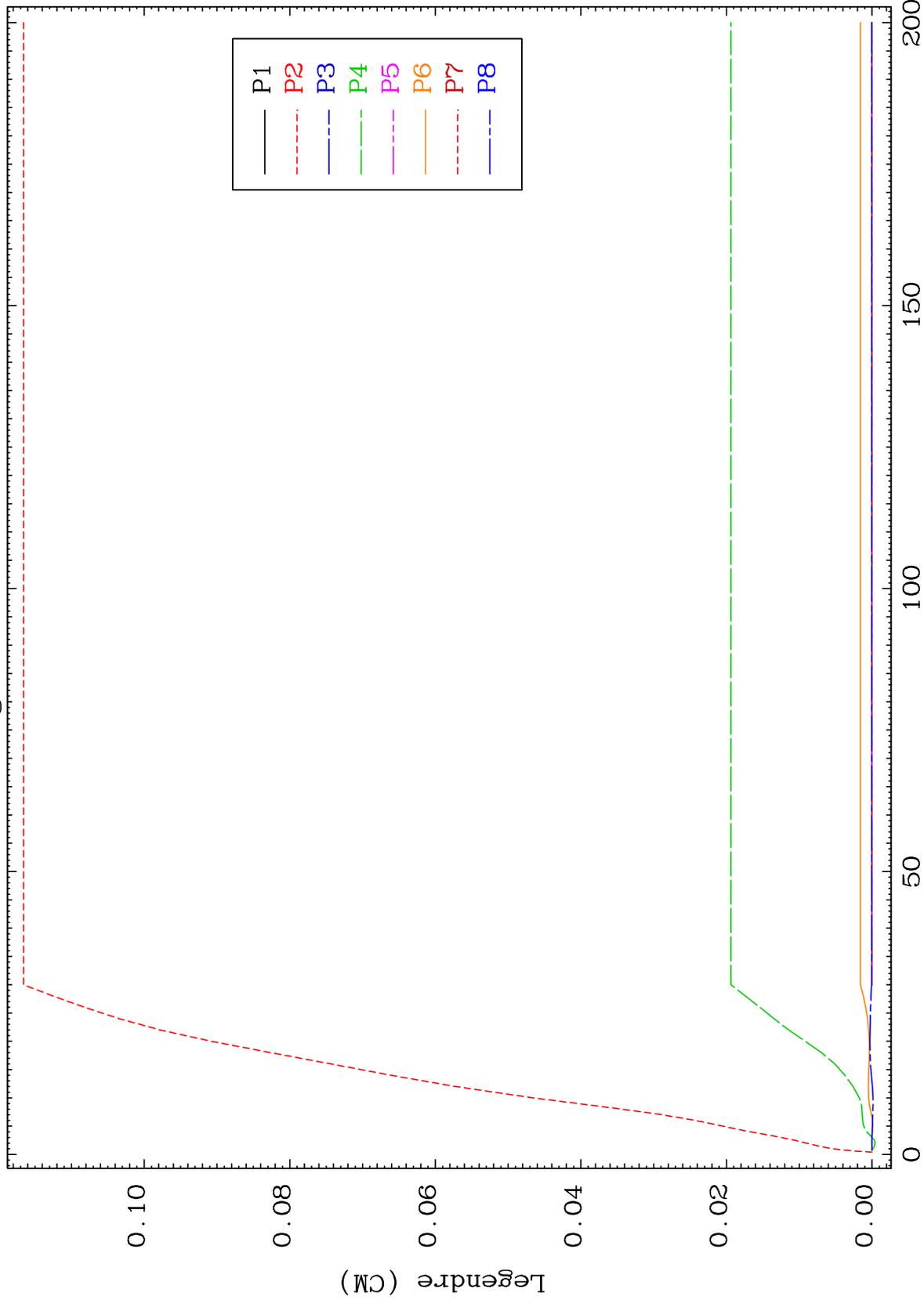
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



82

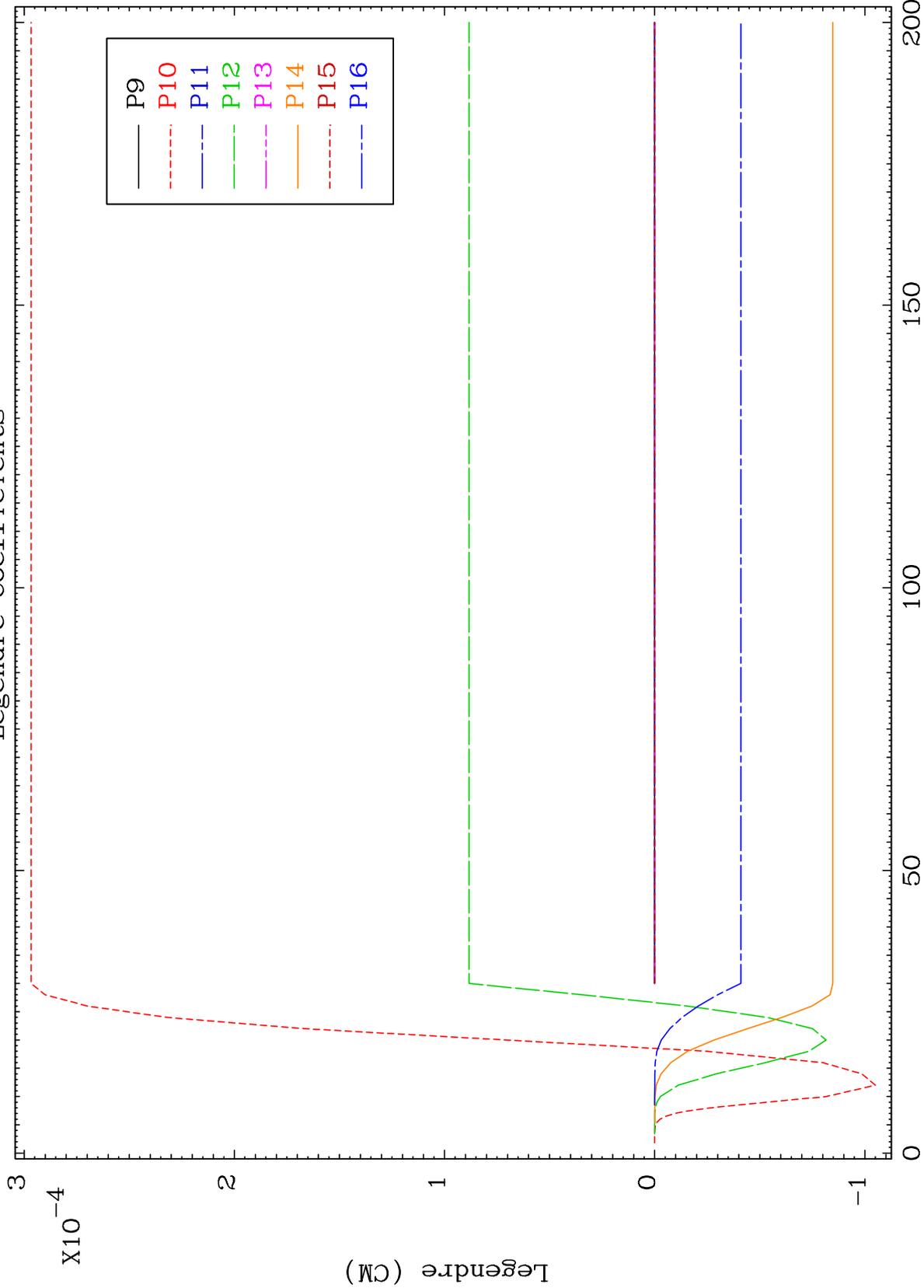
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



83

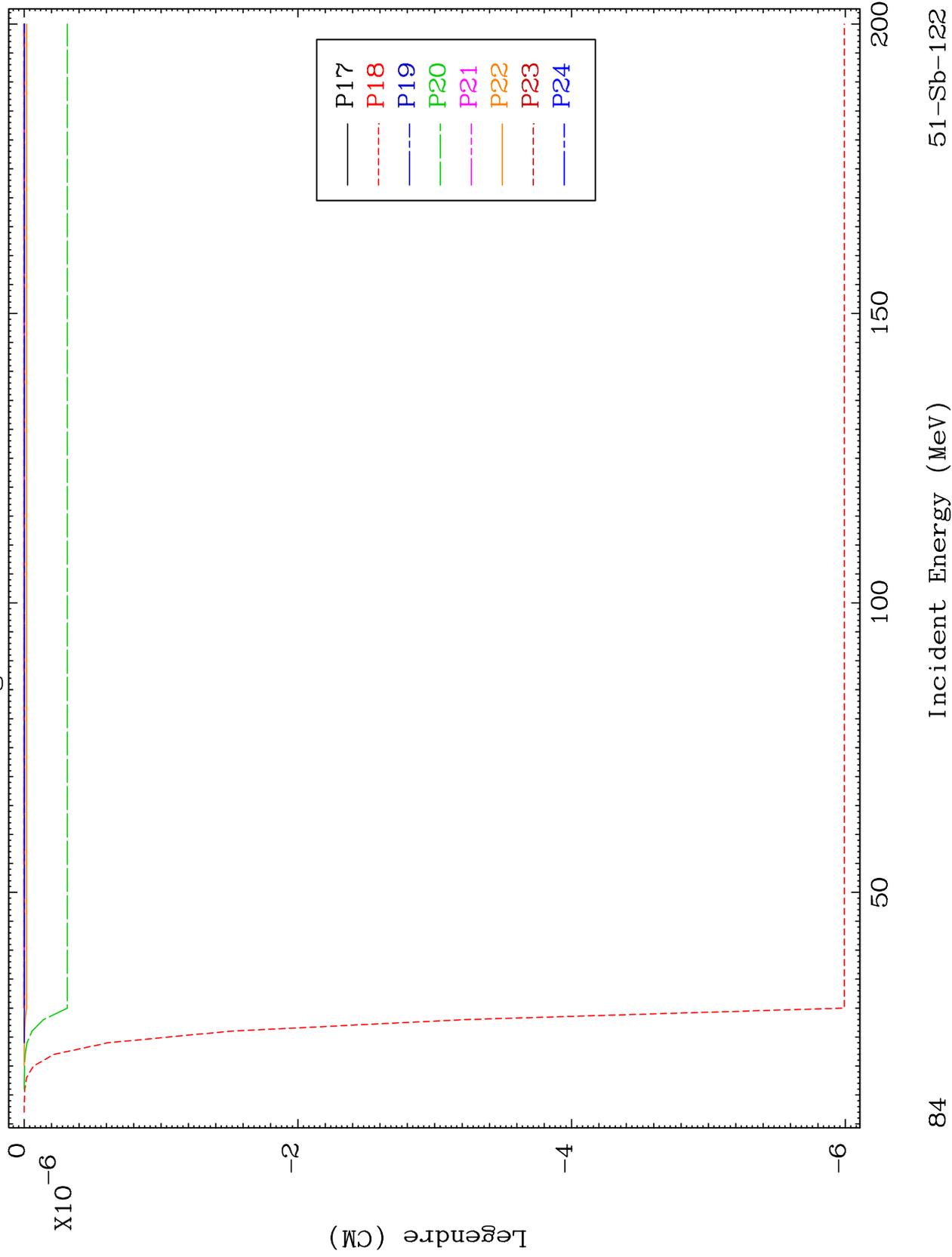
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



84

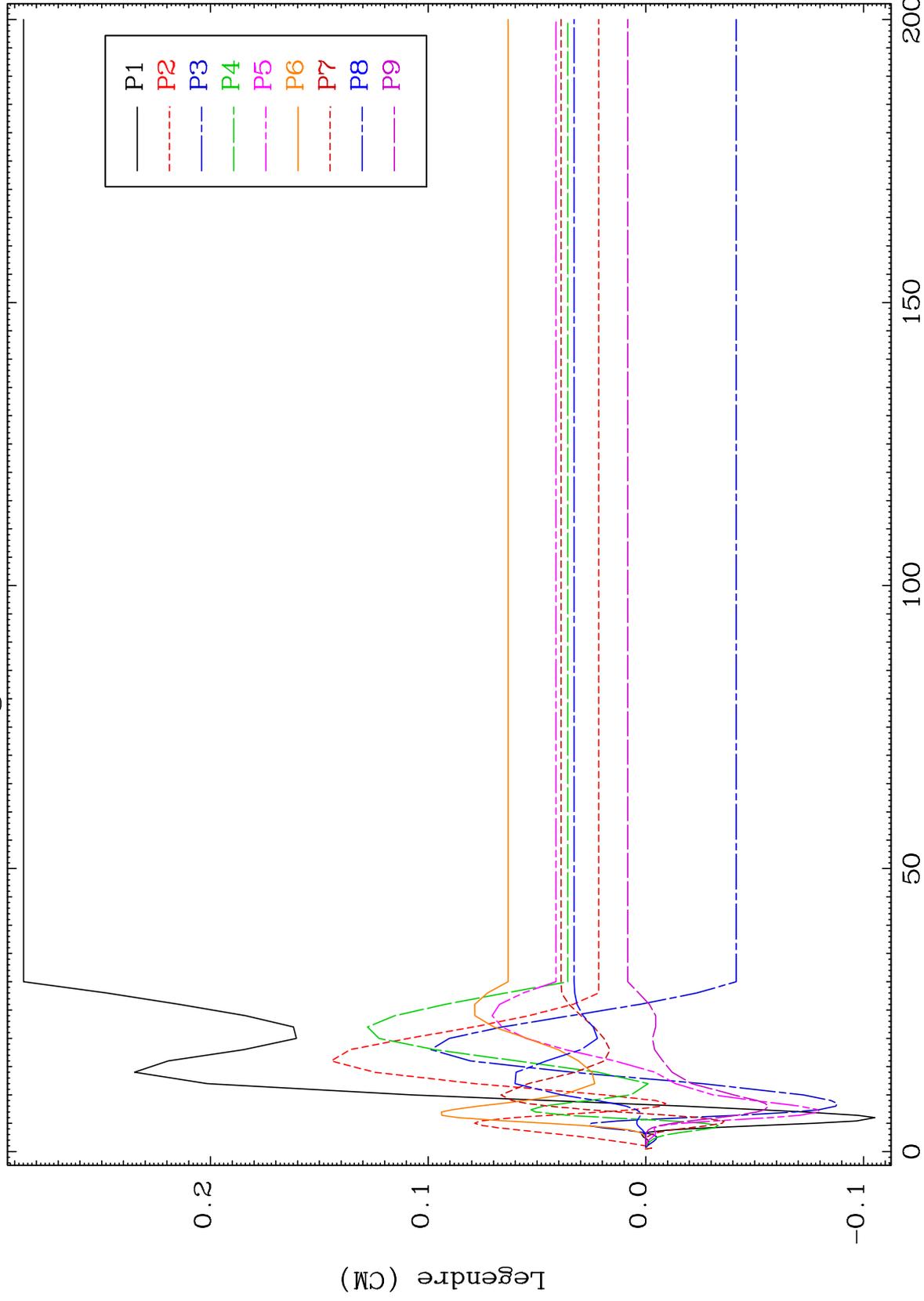
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



85

Incident Energy (MeV)

51-Sb-122

200

150

100

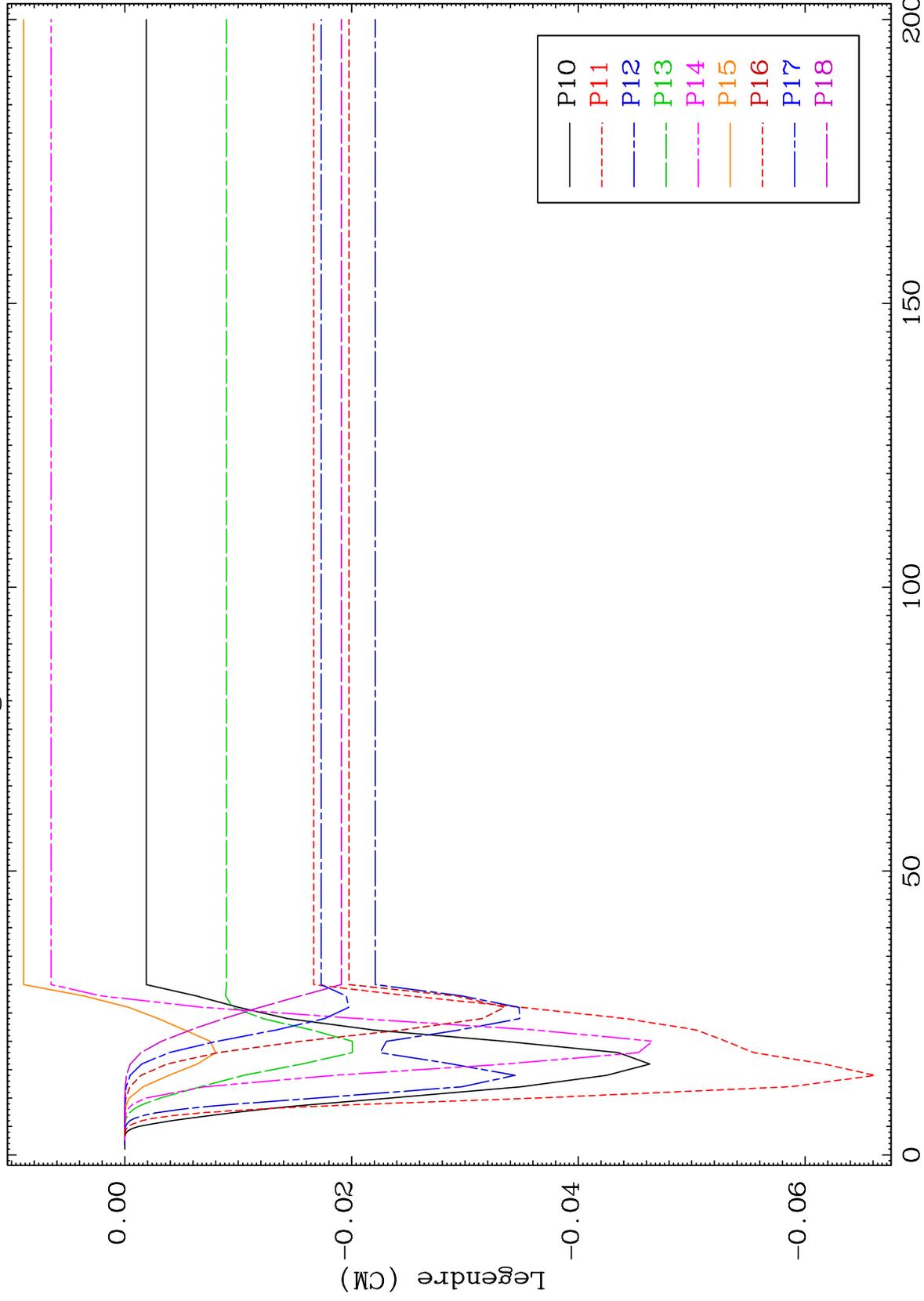
50

0

MAT 5128

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

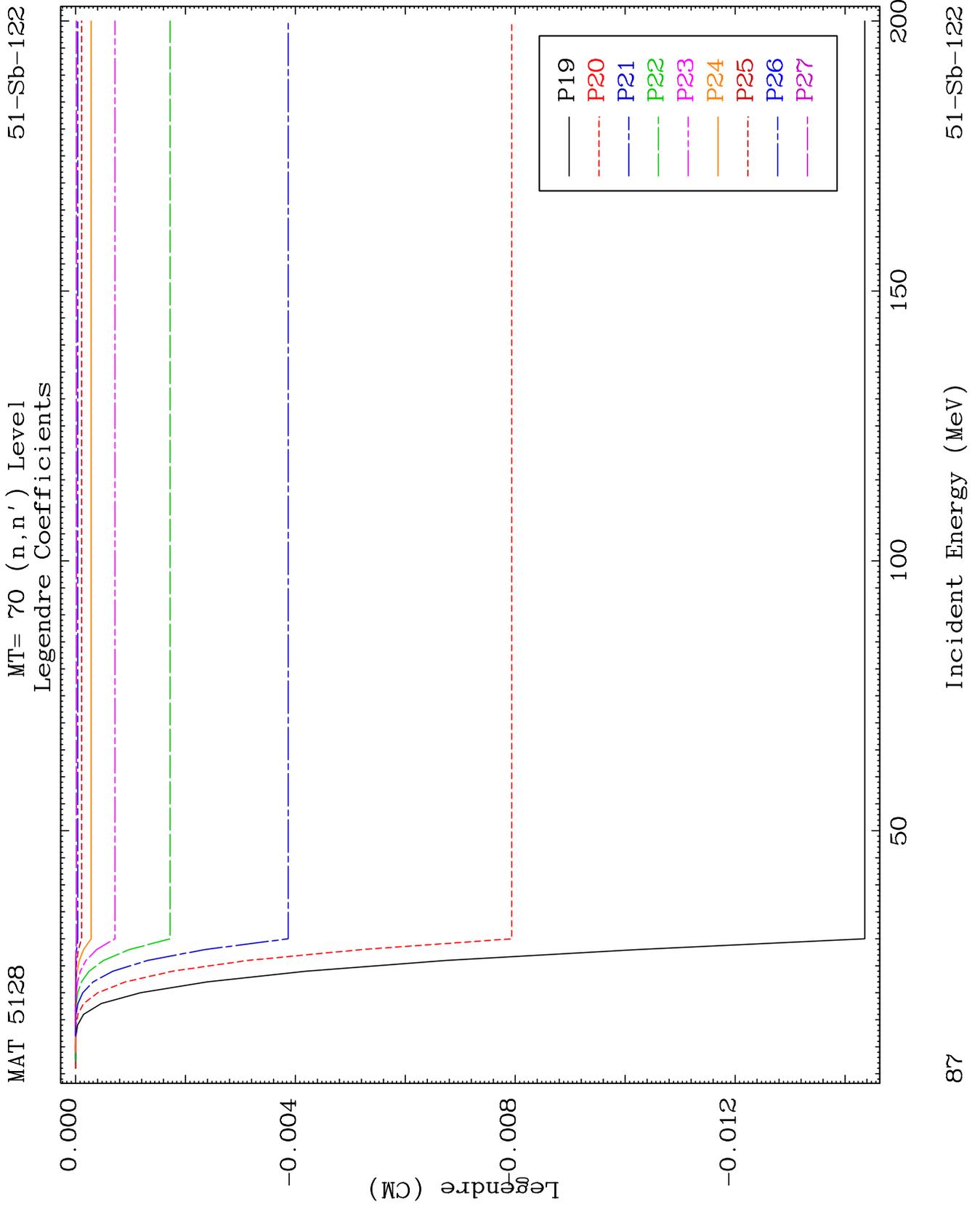
51-Sb-122



86

Incident Energy (MeV)

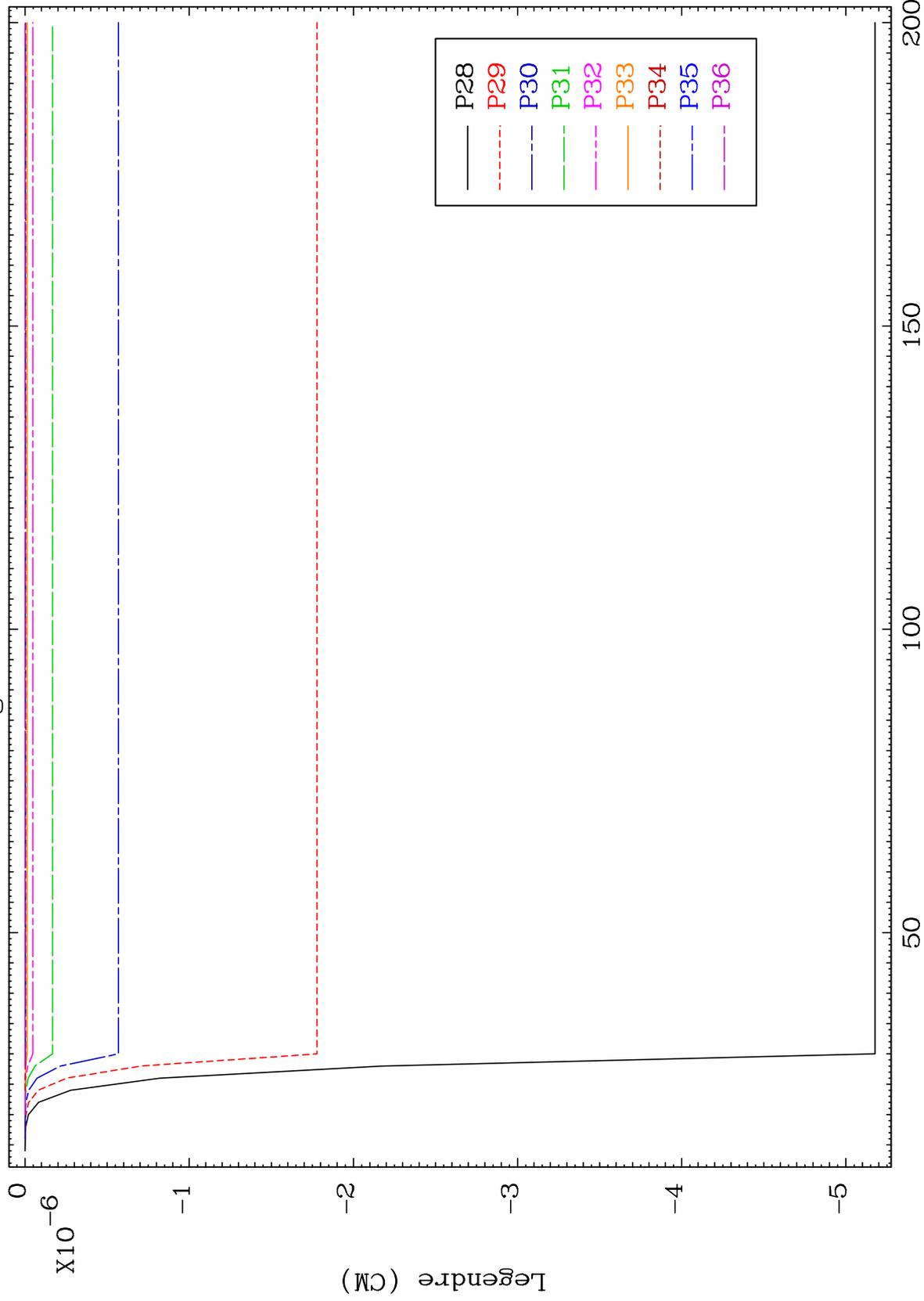
51-Sb-122



MAT 5128

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

51-Sb-122



88

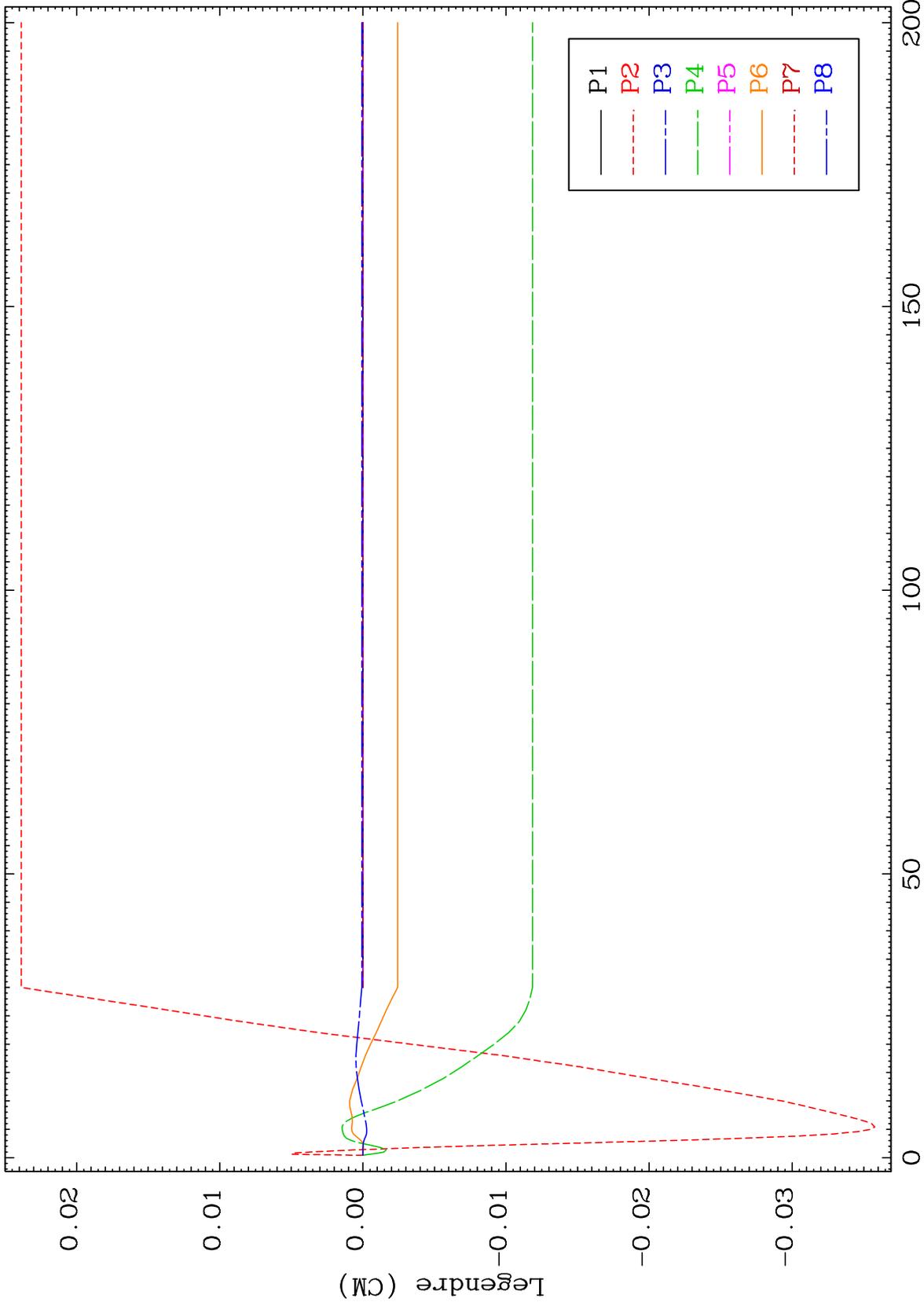
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

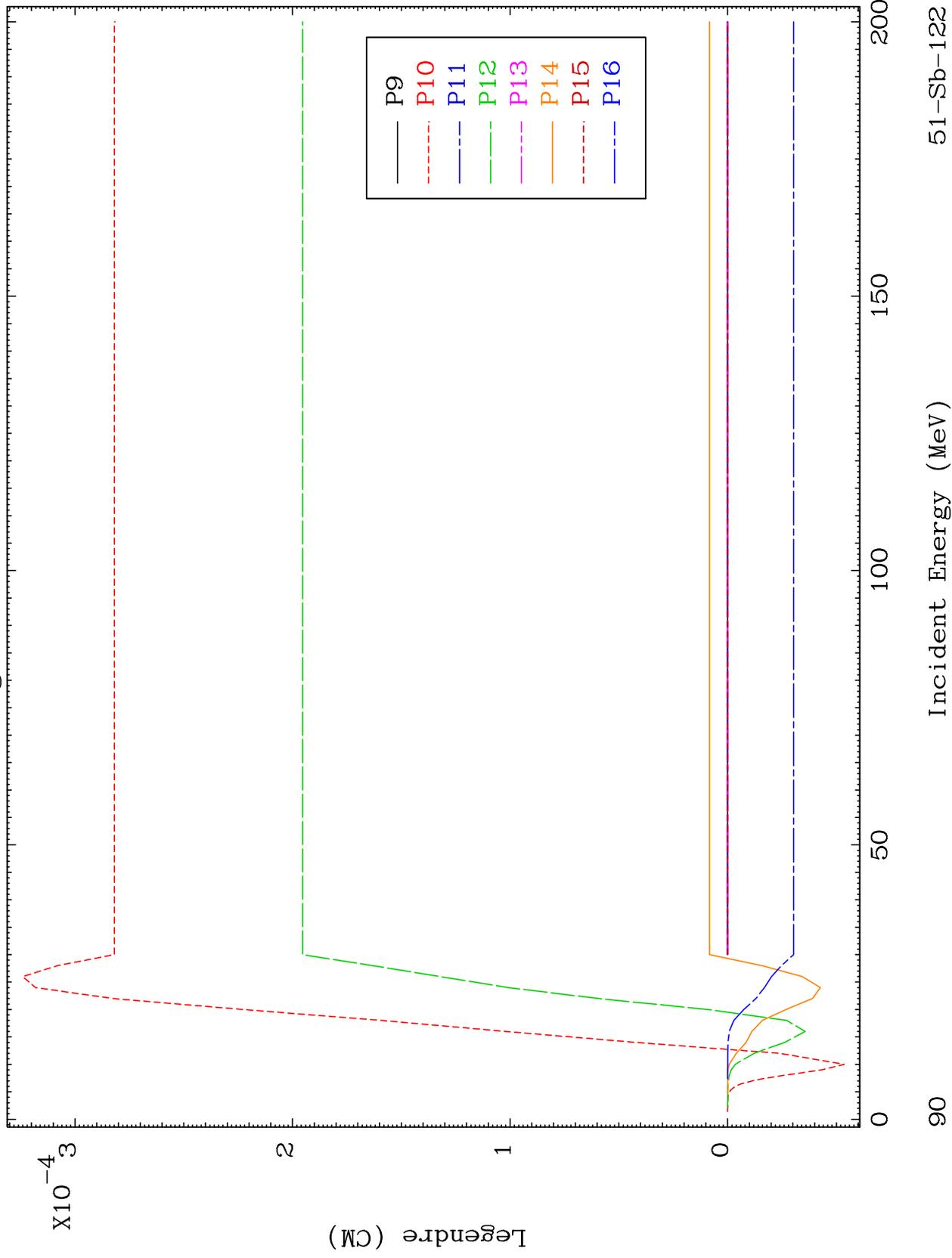
Incident Energy (MeV)

89

MAT 5128

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

51-Sb-122

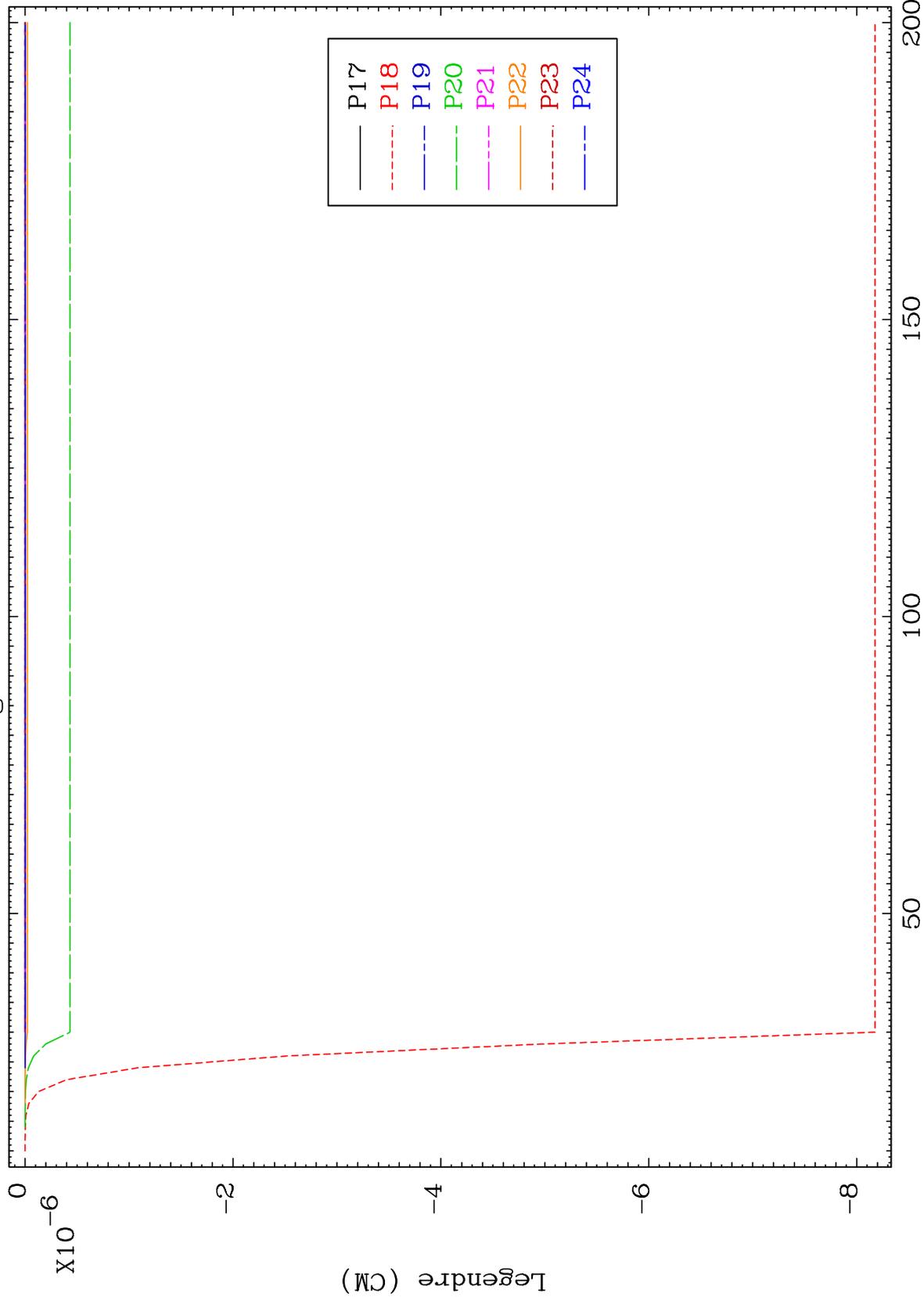


51-Sb-122

MAT 5128

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

51-Sb-122



91

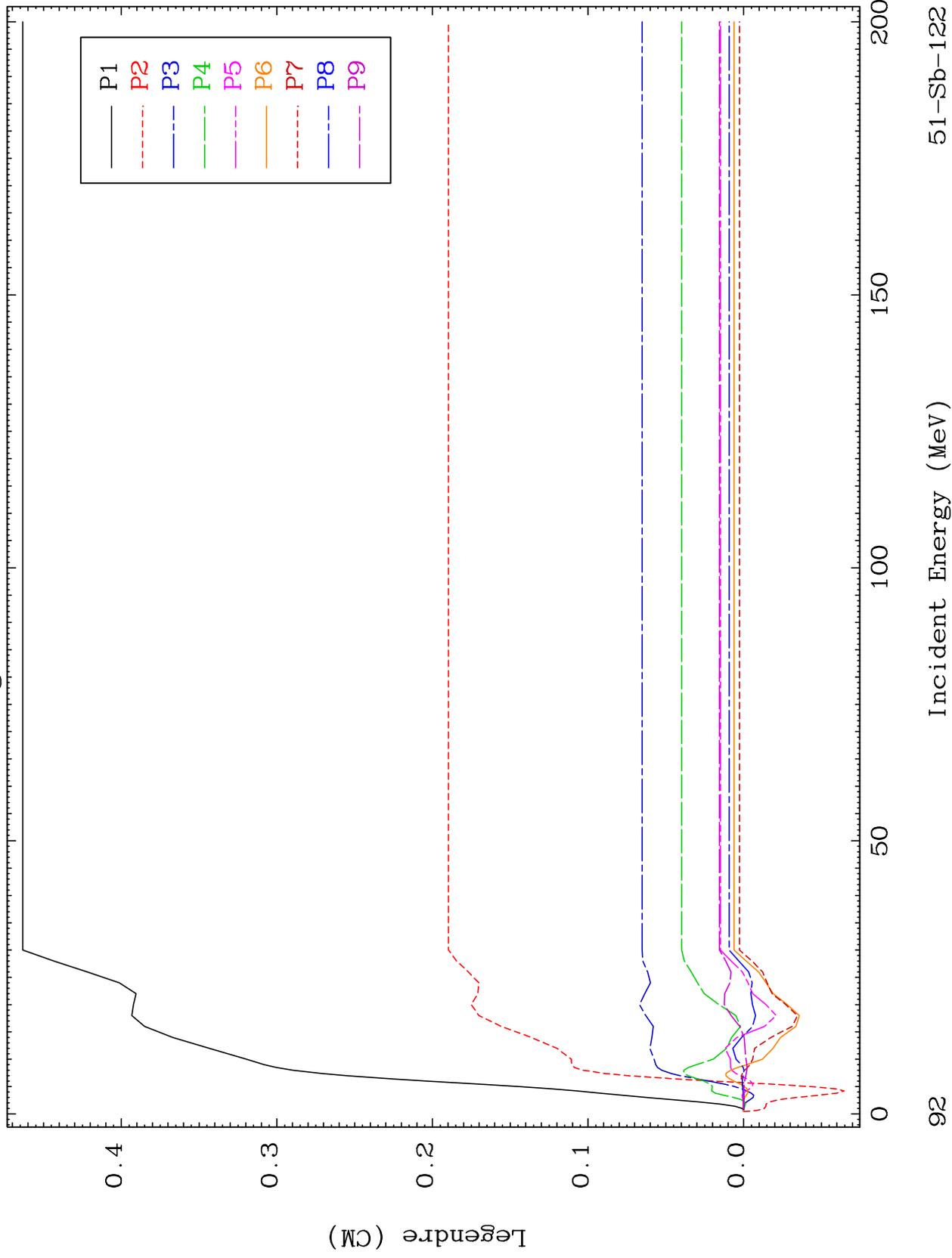
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

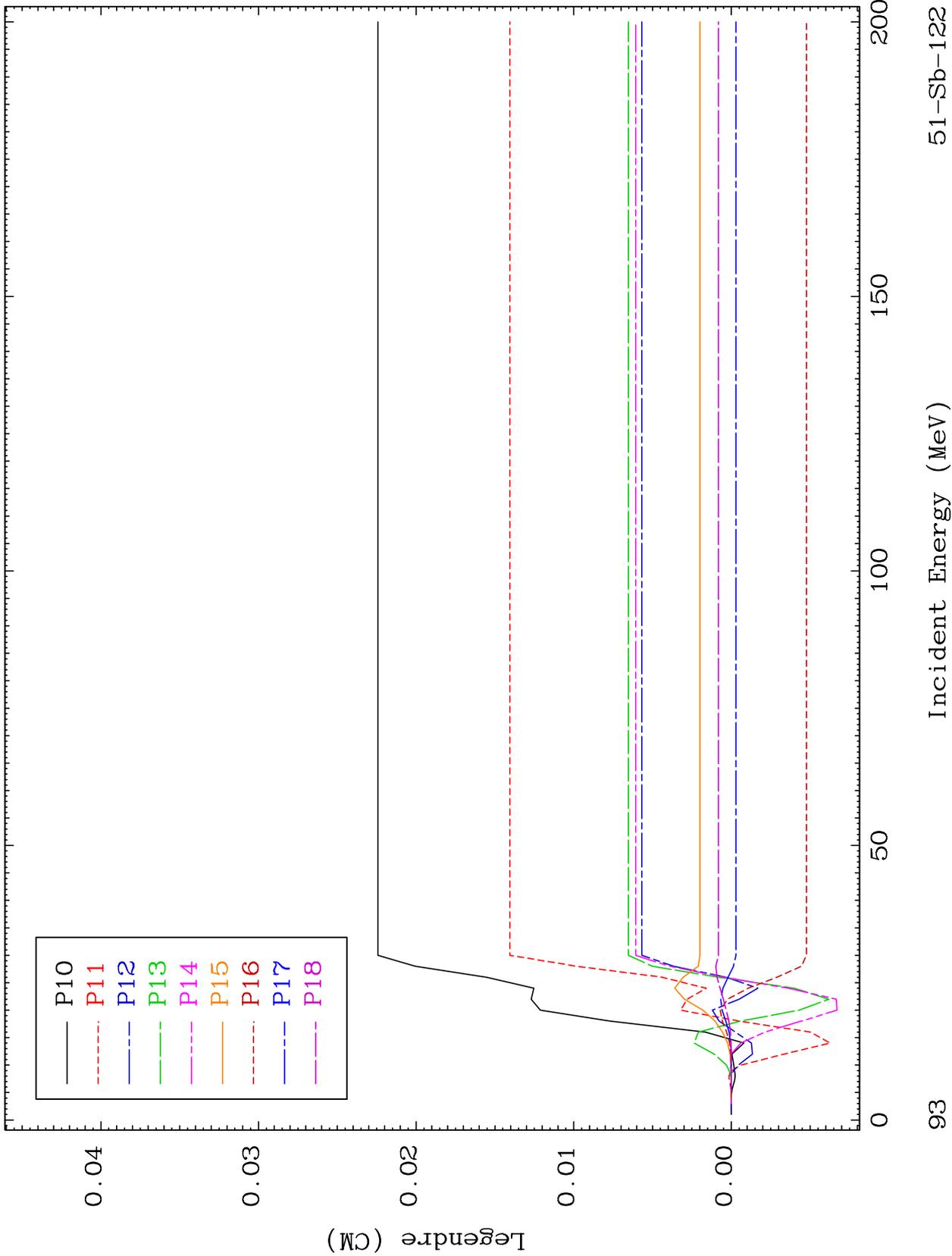
51-Sb-122

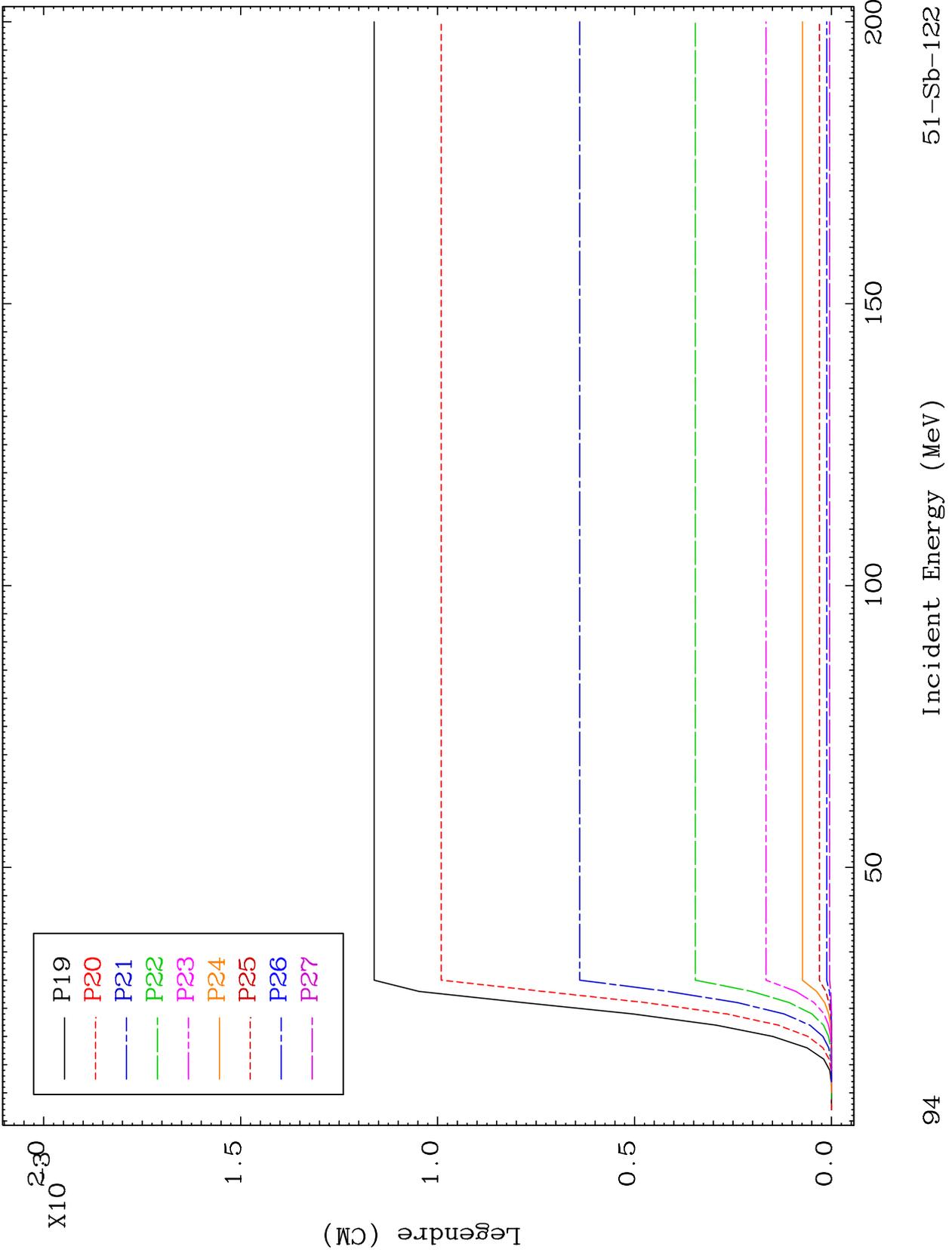


51-Sb-122

Incident Energy (MeV)

92

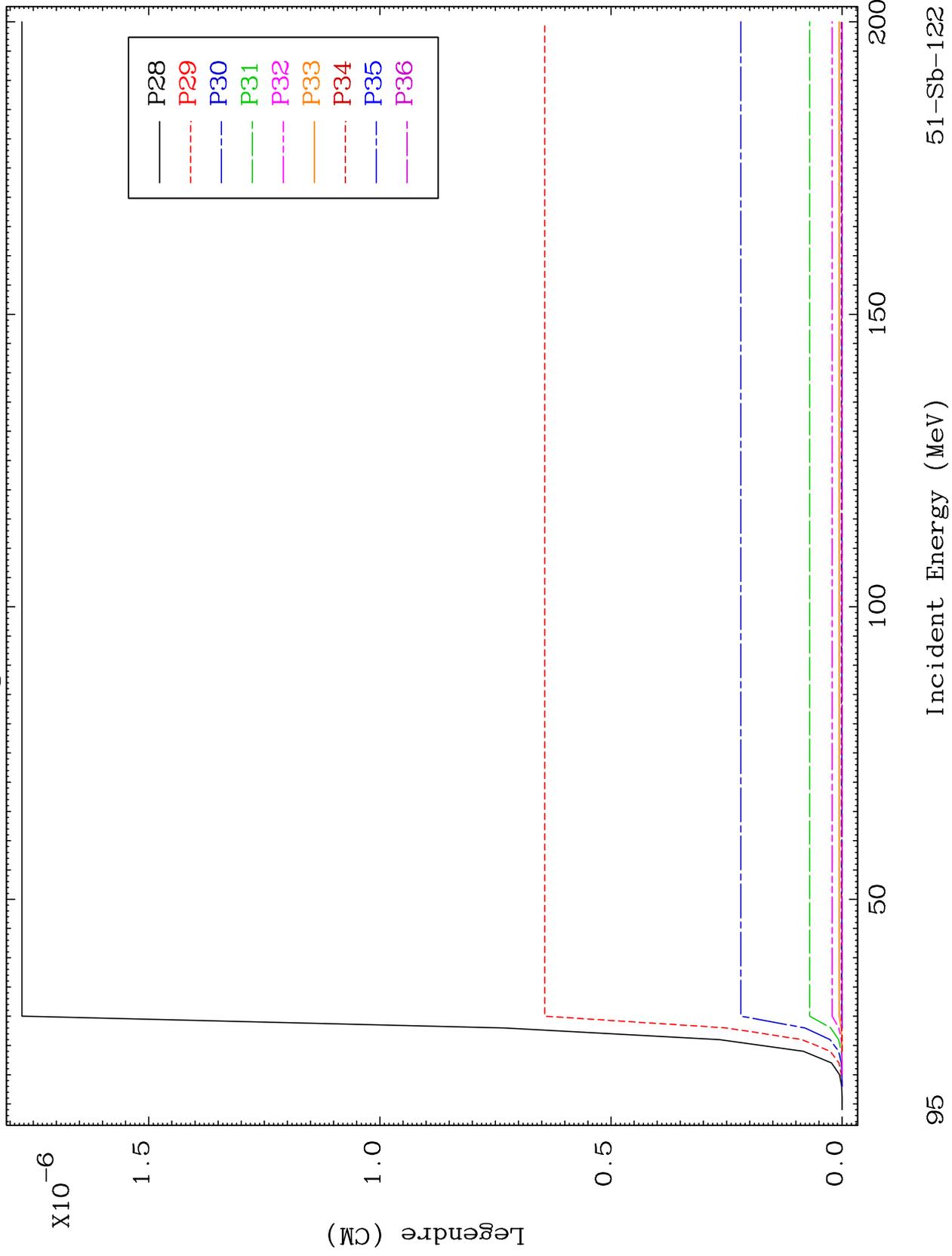




MAT 5128

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

51-Sb-122



95

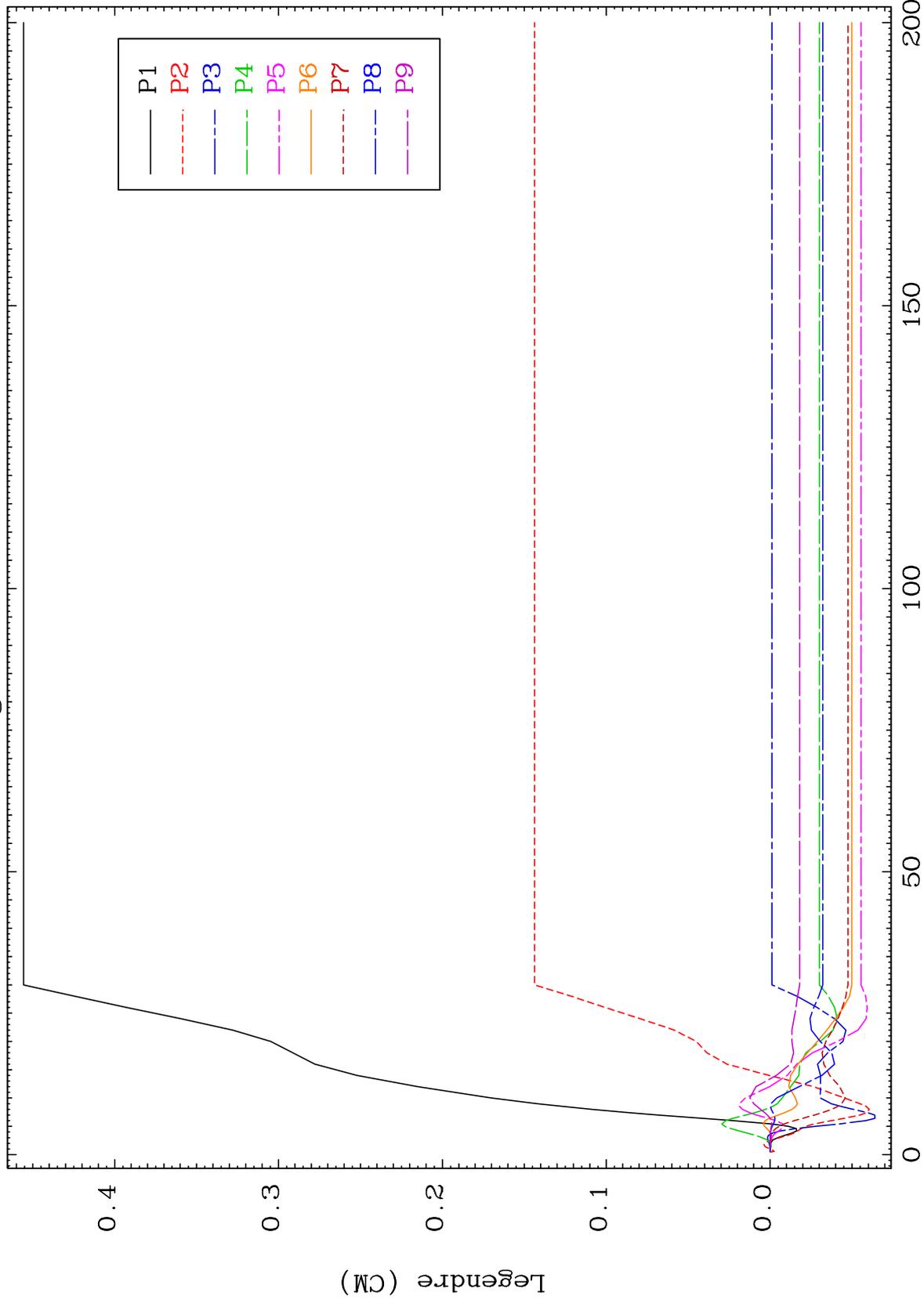
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



96

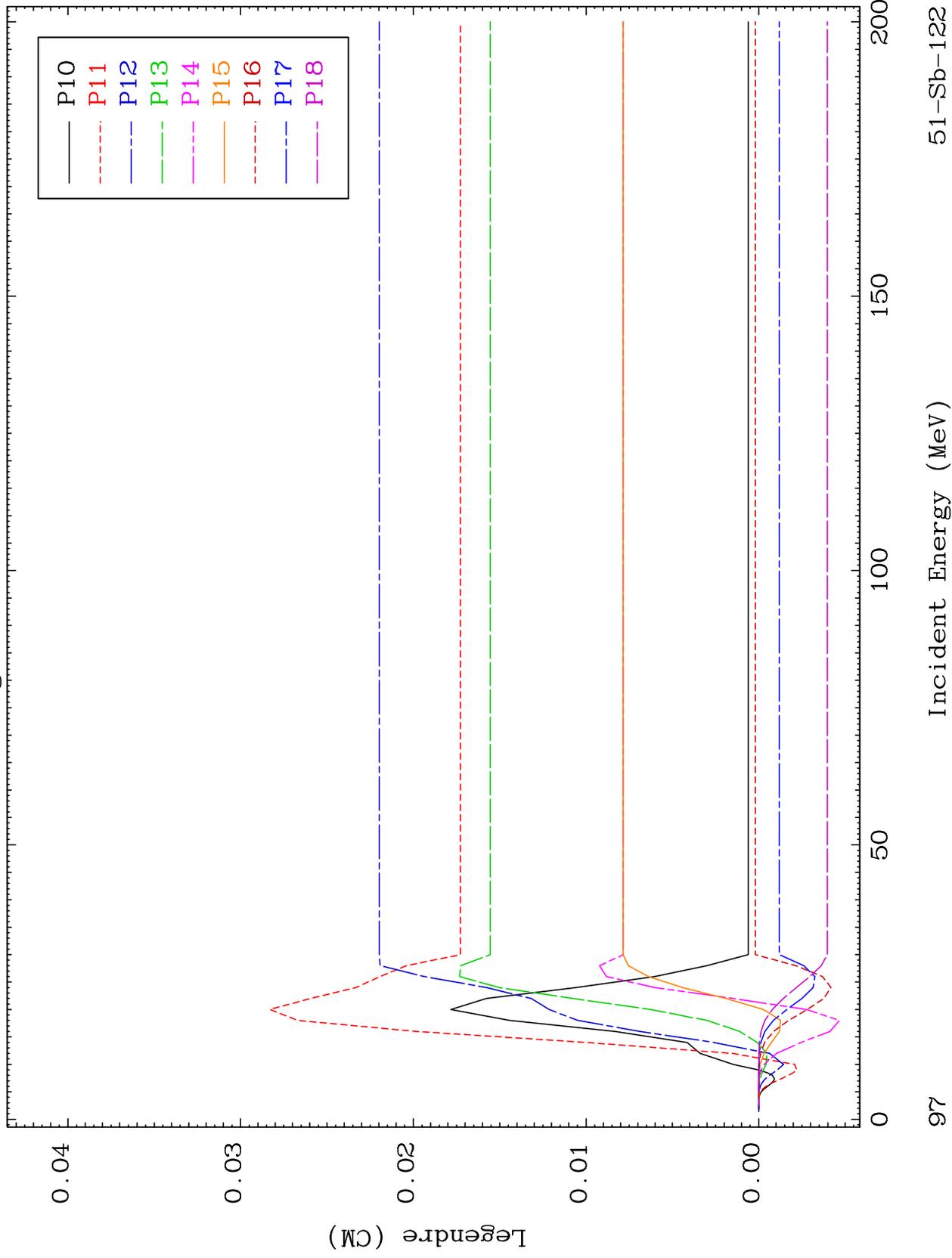
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122

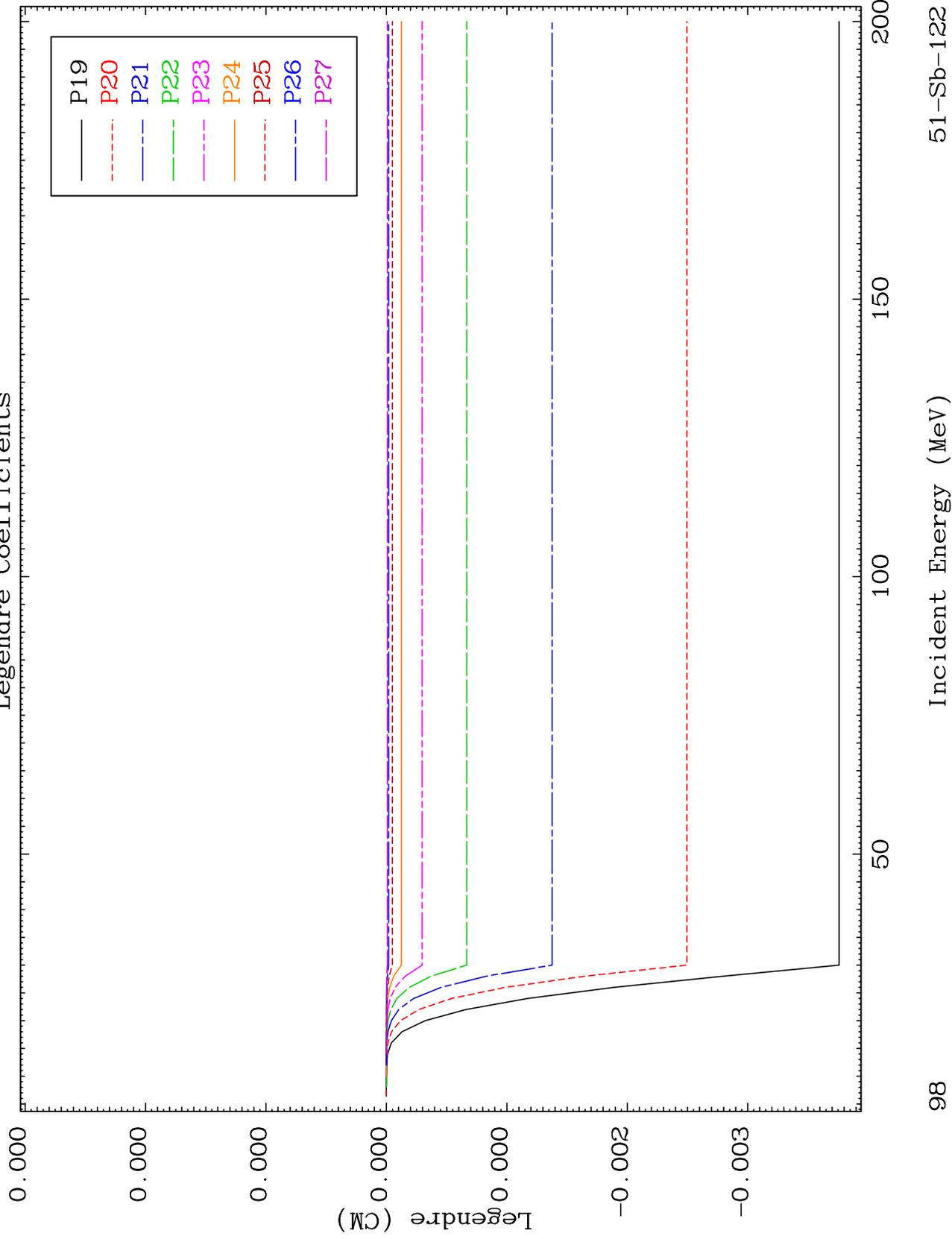


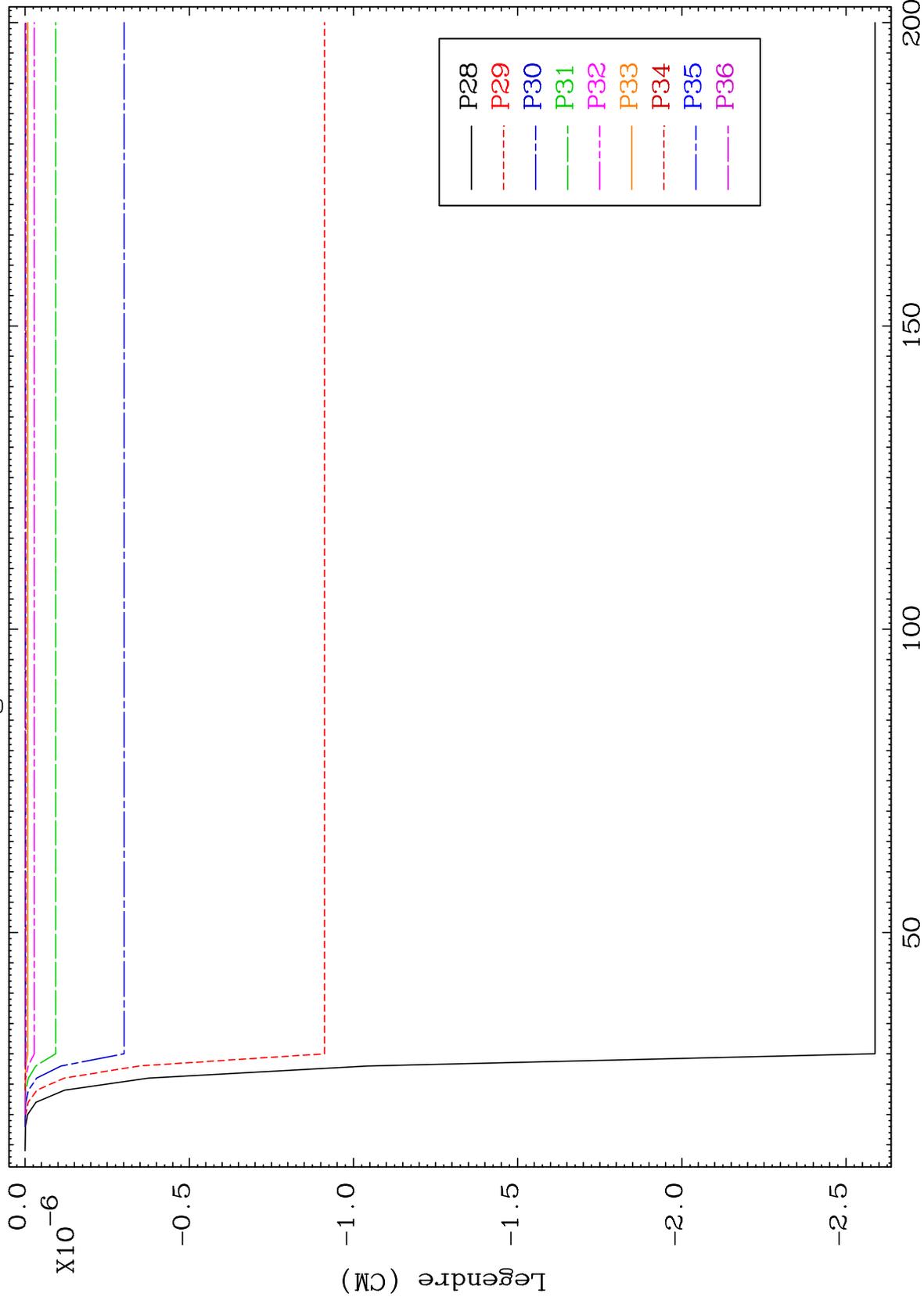
51-Sb-122

MAT 5128

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

51-Sb-122



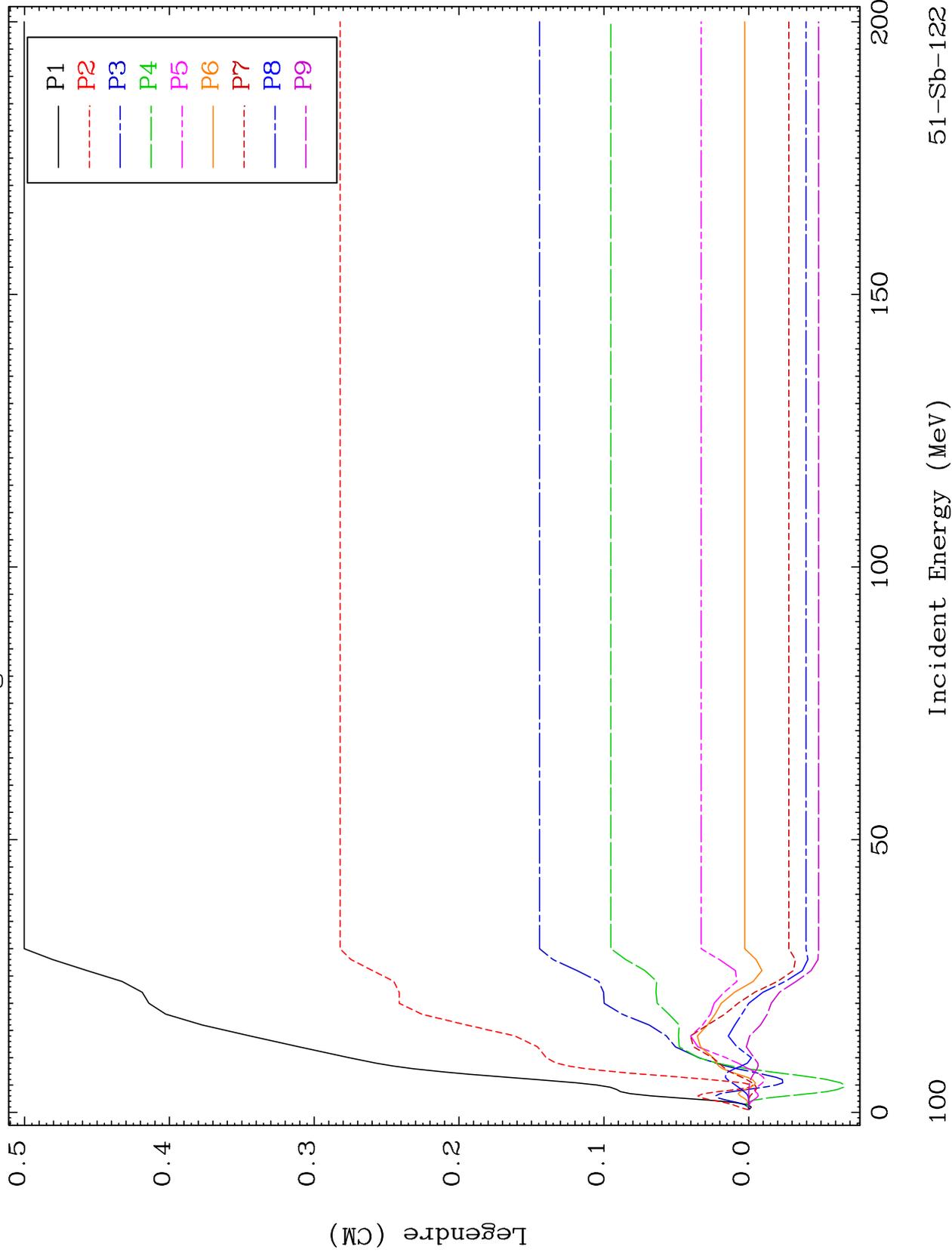


MAT 5128

MT= 74 (n,n') Level

51-Sb-122

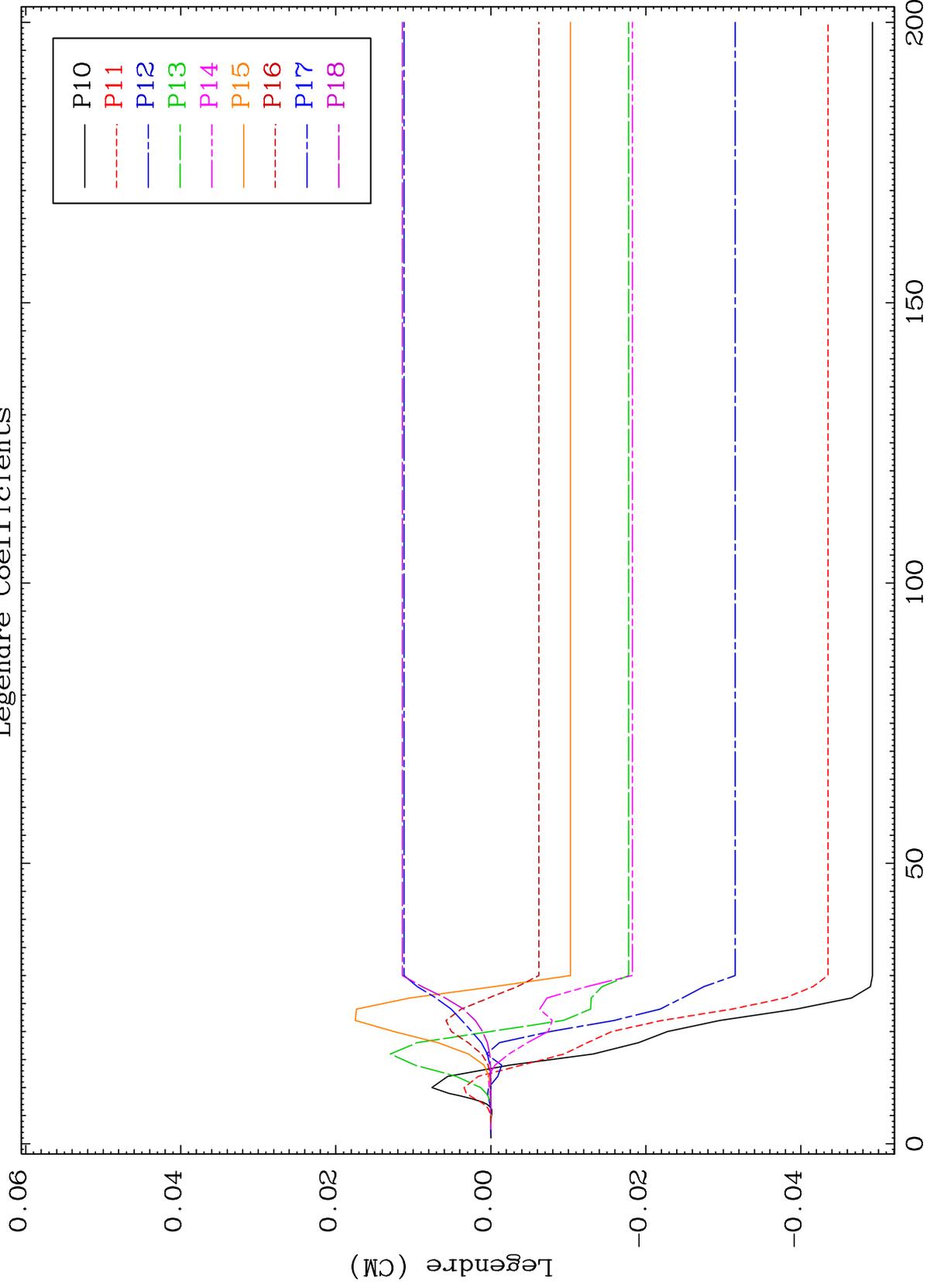
Legendre Coefficients



MAT 5128

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

51-Sb-122



101

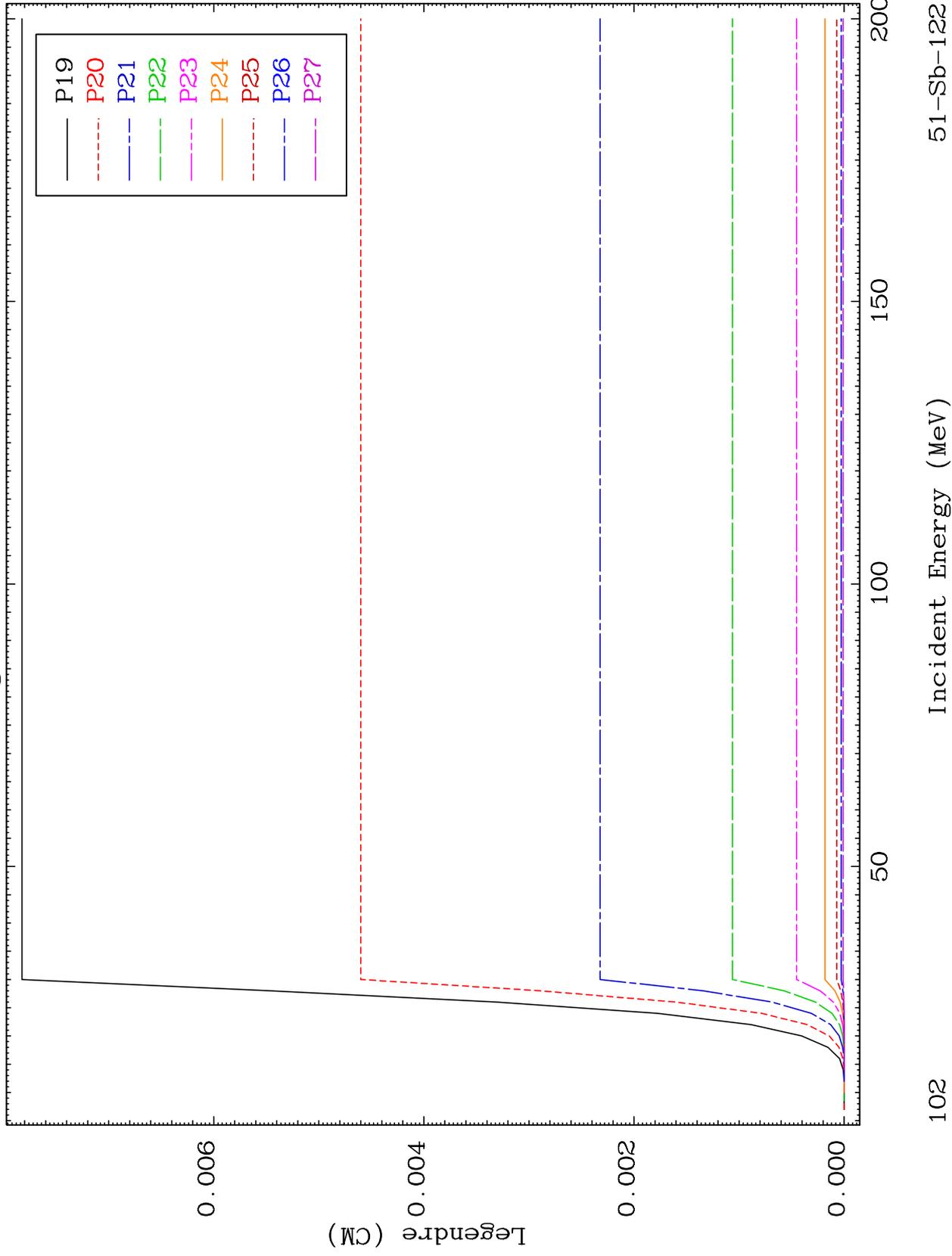
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

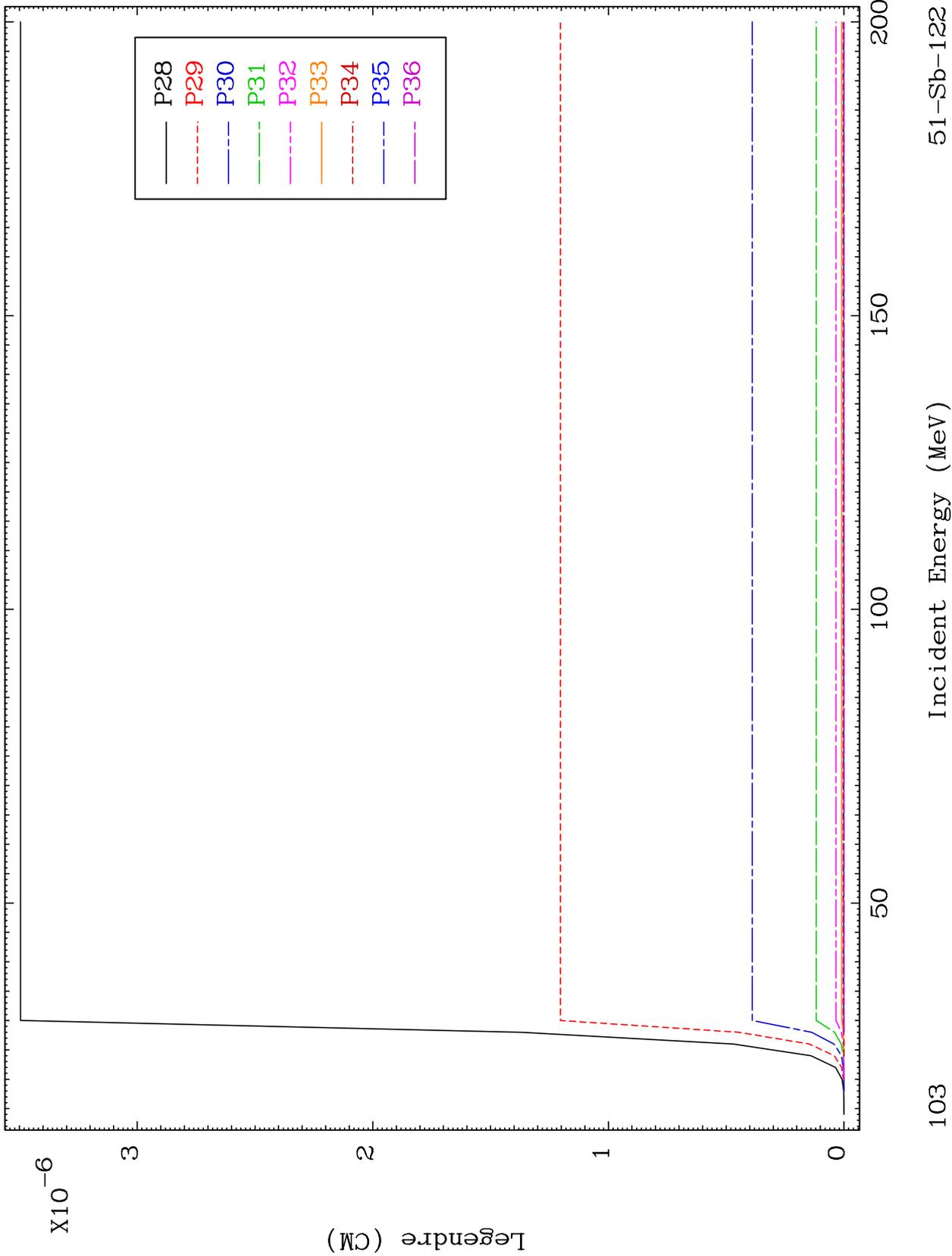
Incident Energy (MeV)

102

MAT 5128

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

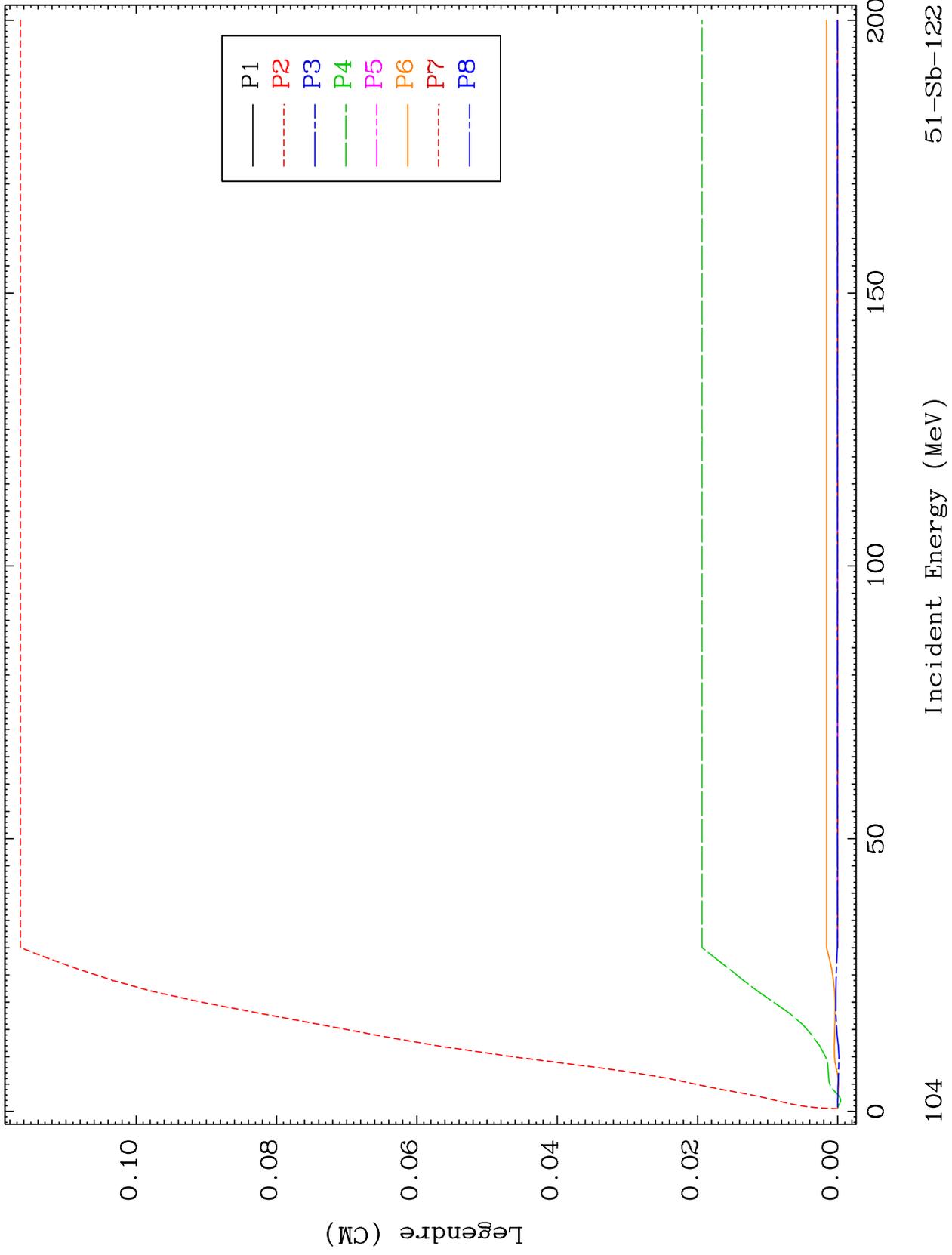
51-Sb-122



MAT 5128

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

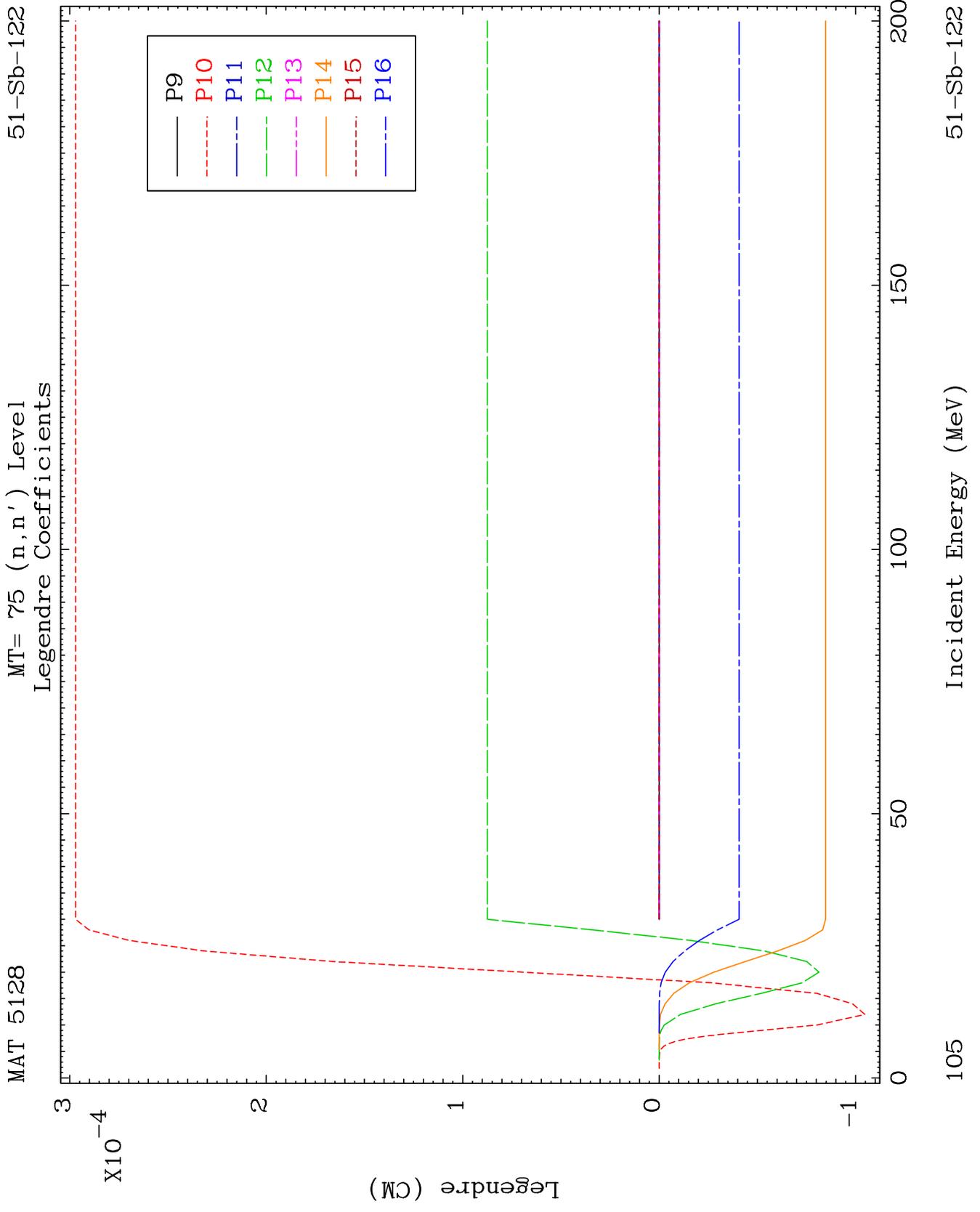
51-Sb-122



51-Sb-122

Incident Energy (MeV)

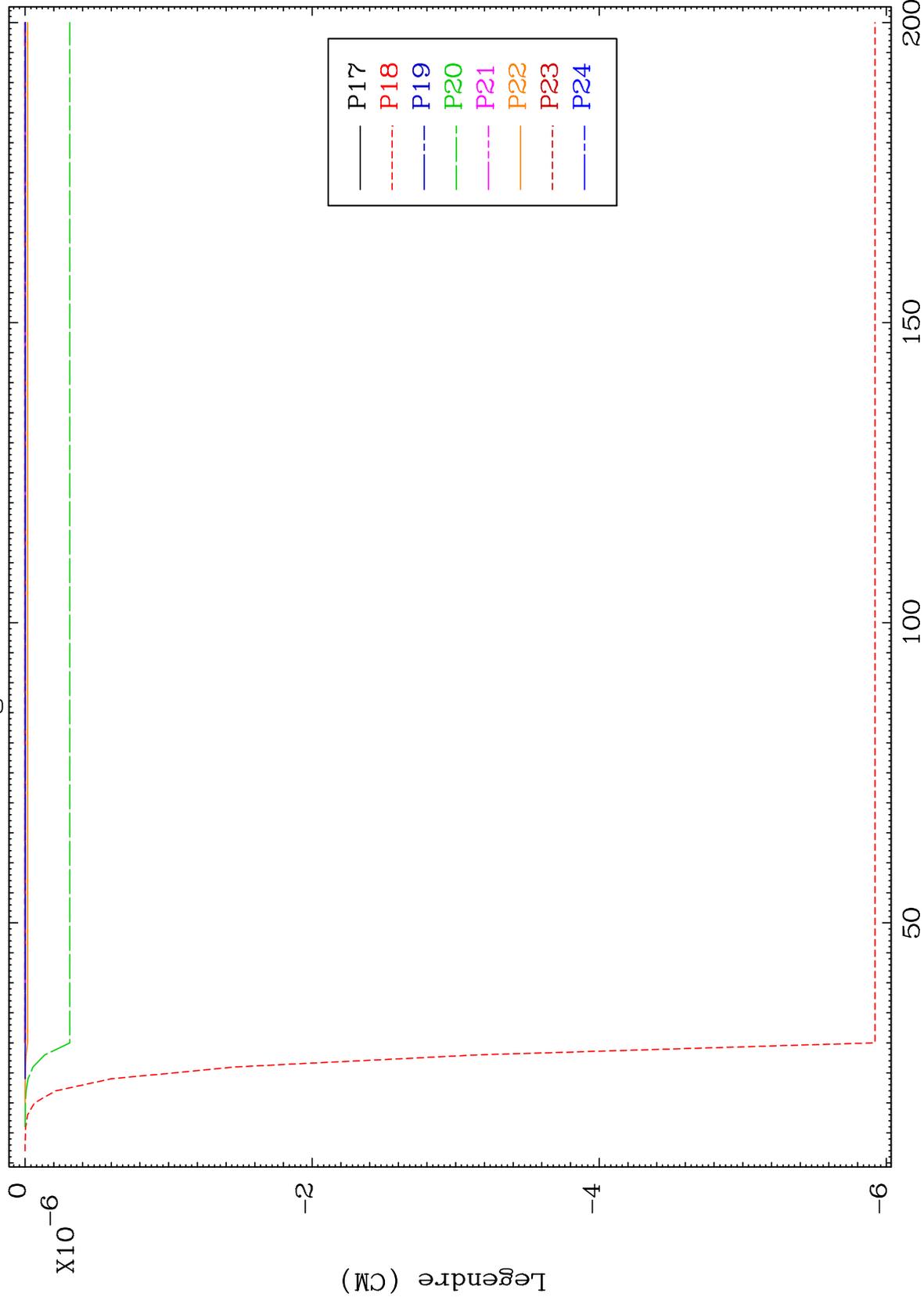
104



MAT 5128

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

51-Sb-122



106

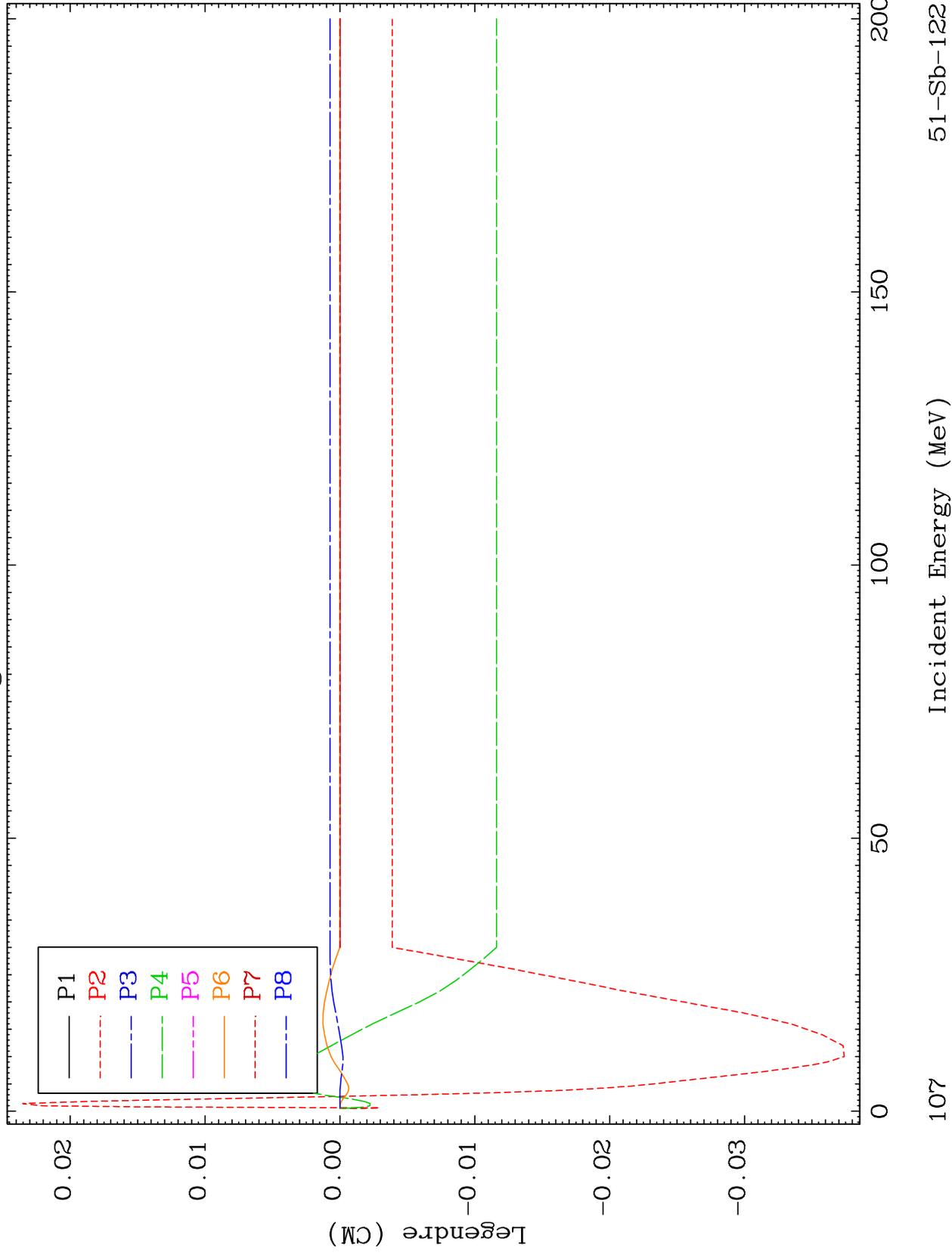
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

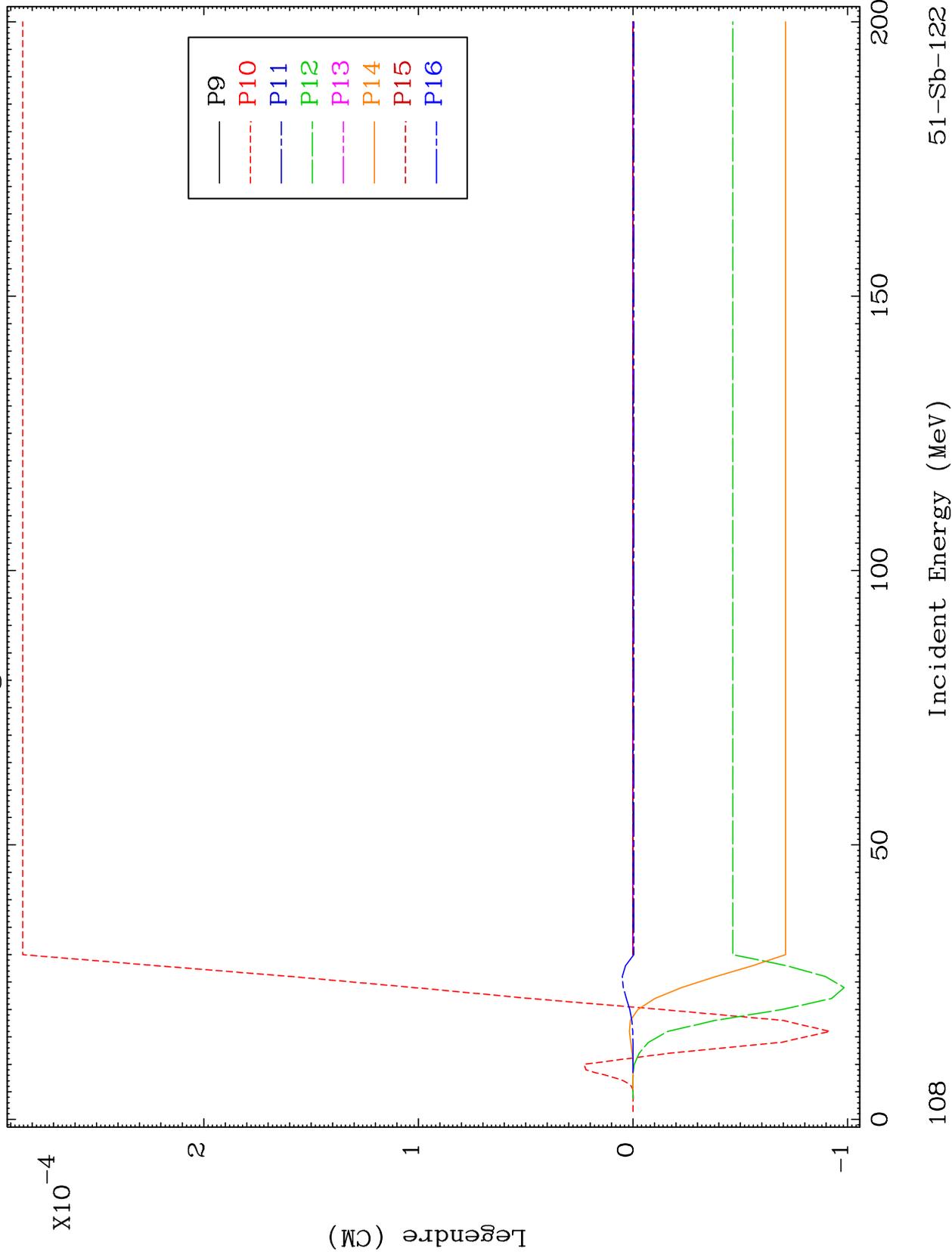
51-Sb-122

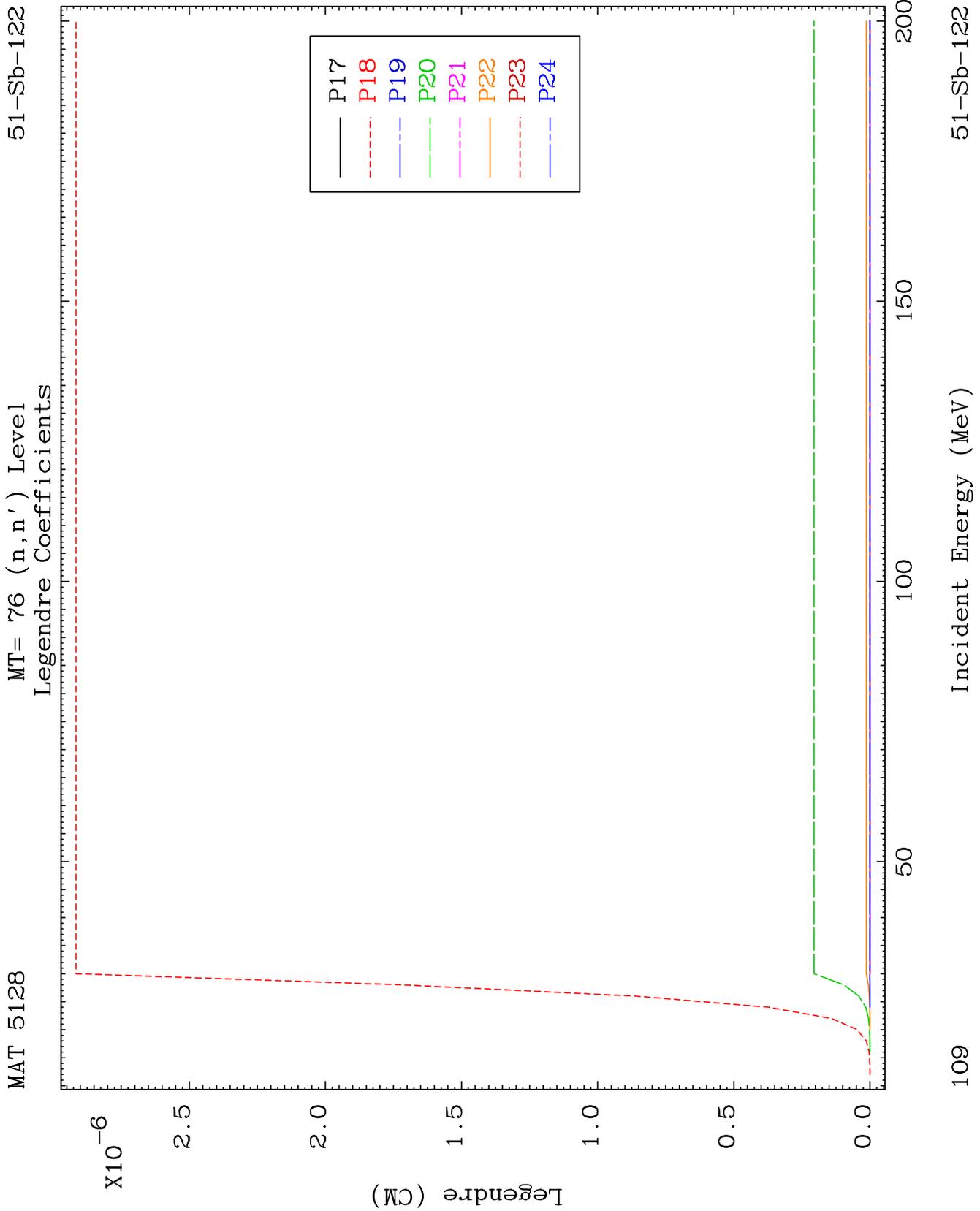


MAT 5128

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

51-Sb-122



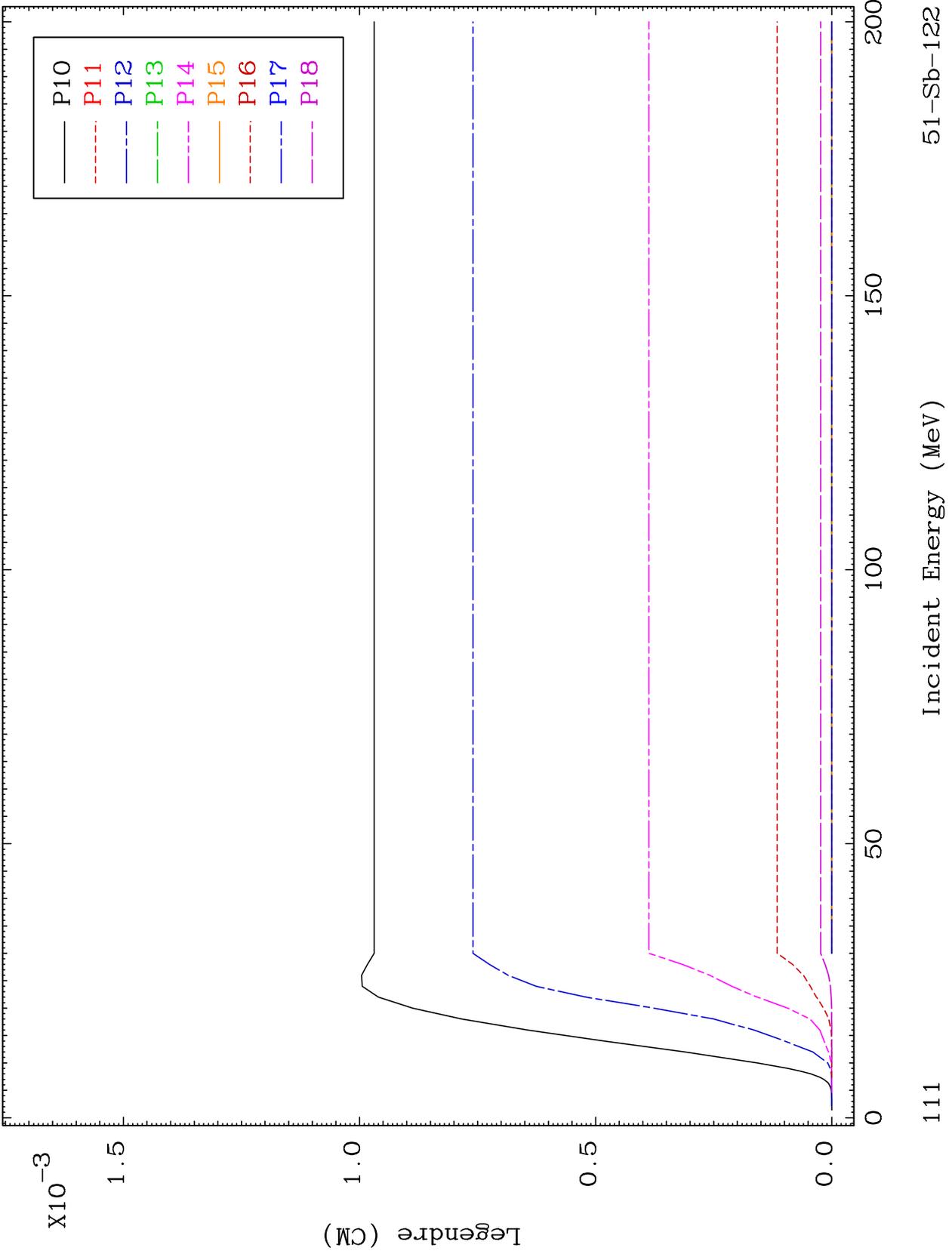




MAT 5128

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

51-Sb-122



111

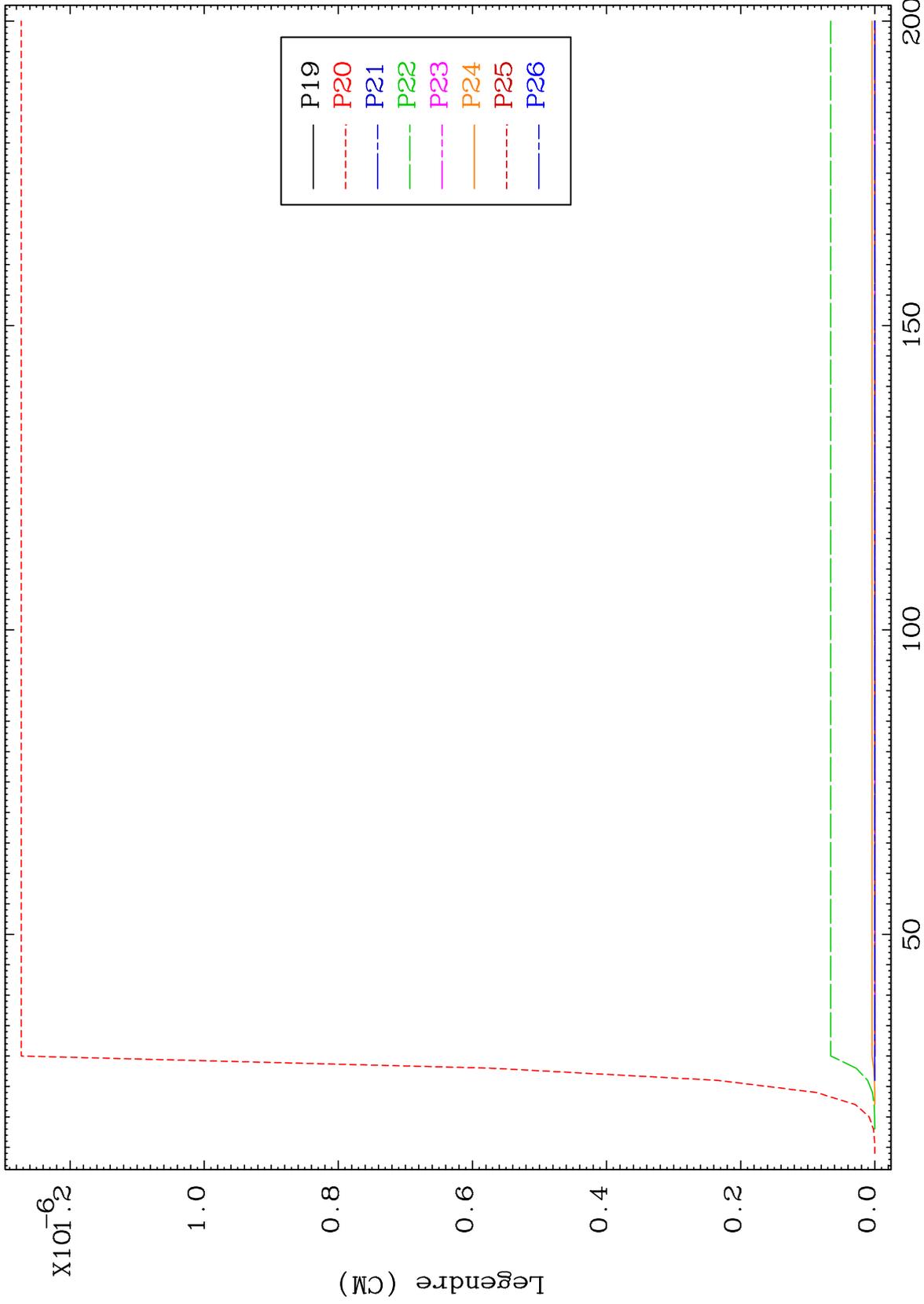
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



112

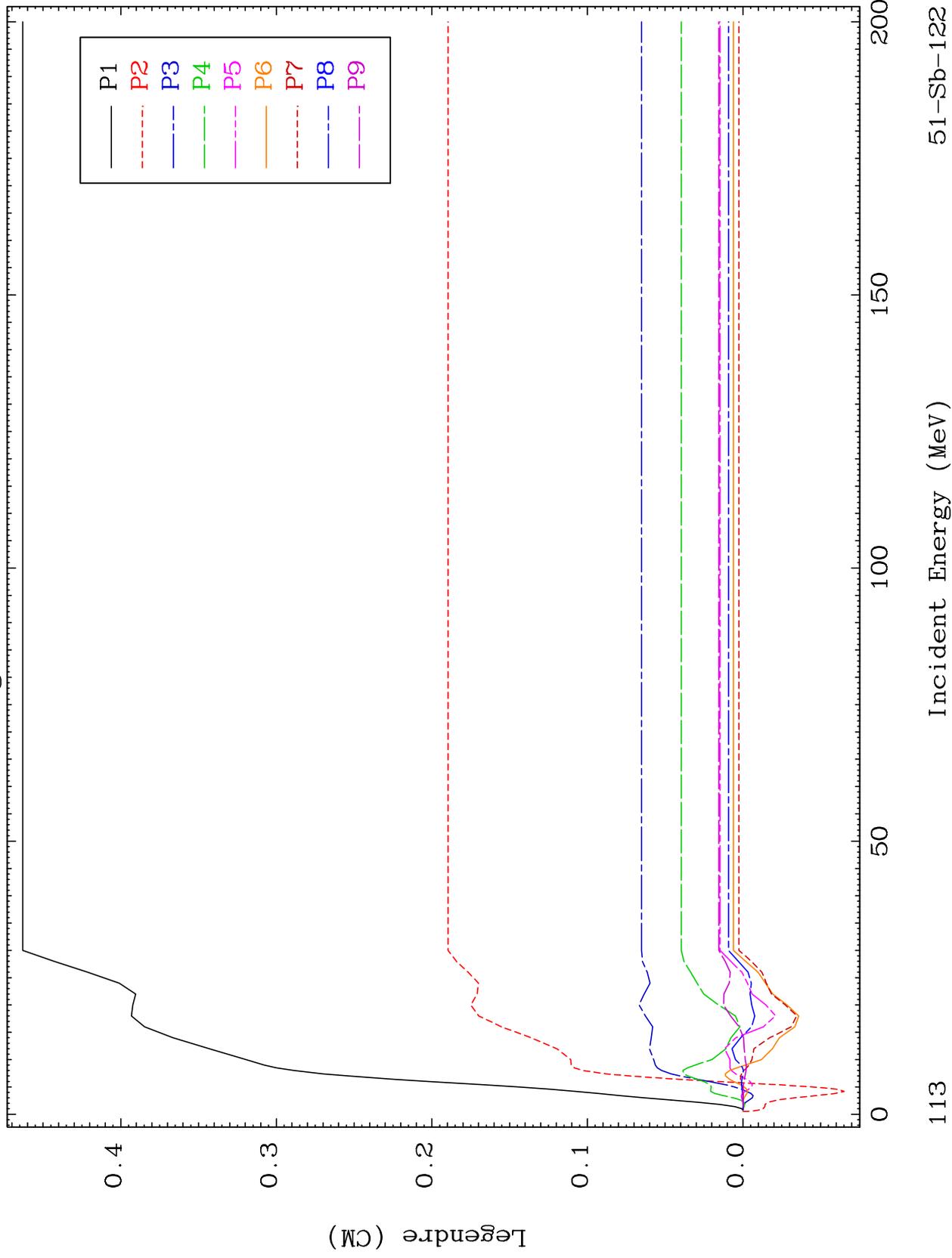
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122

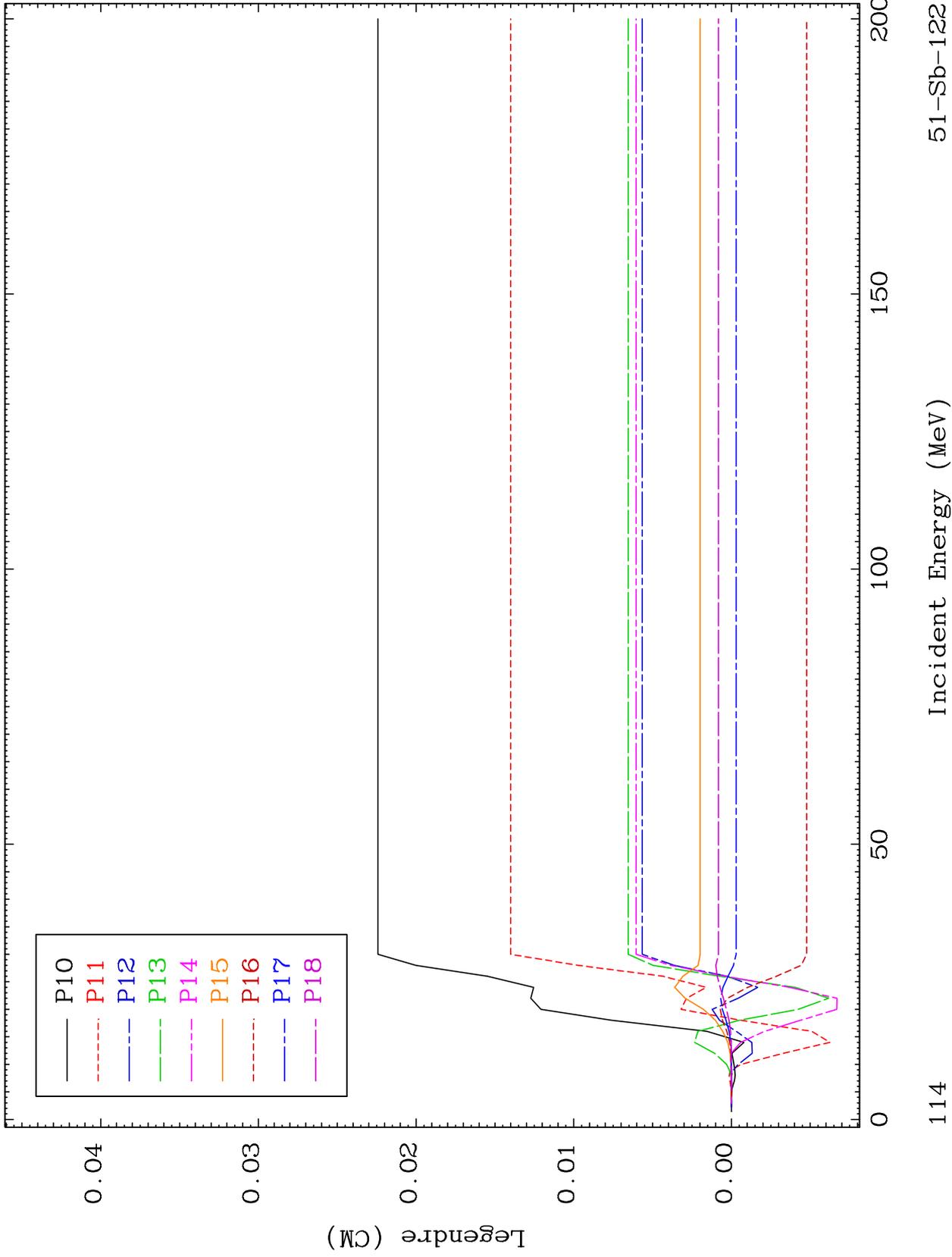


113

MAT 5128

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

51-Sb-122



114

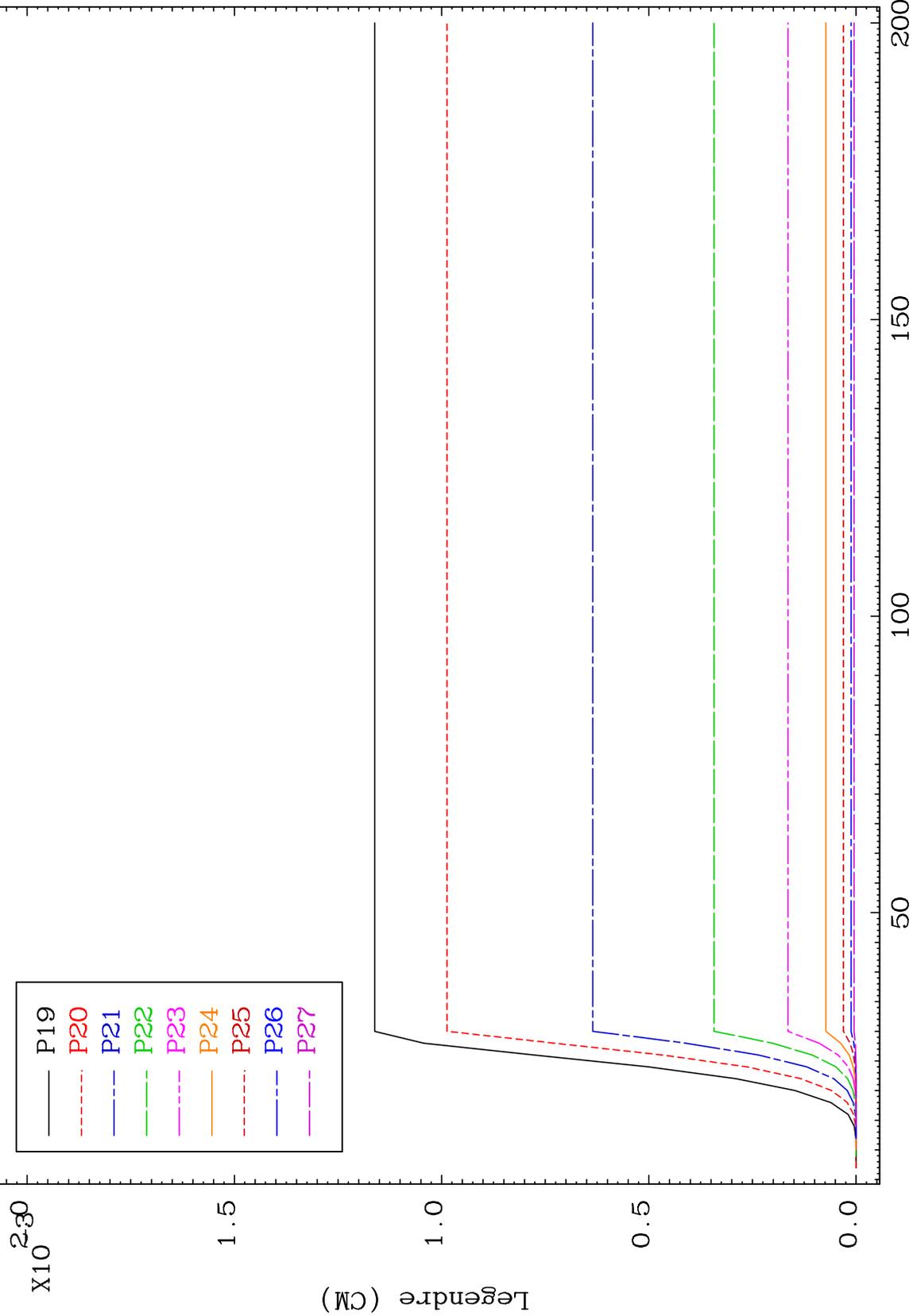
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



115

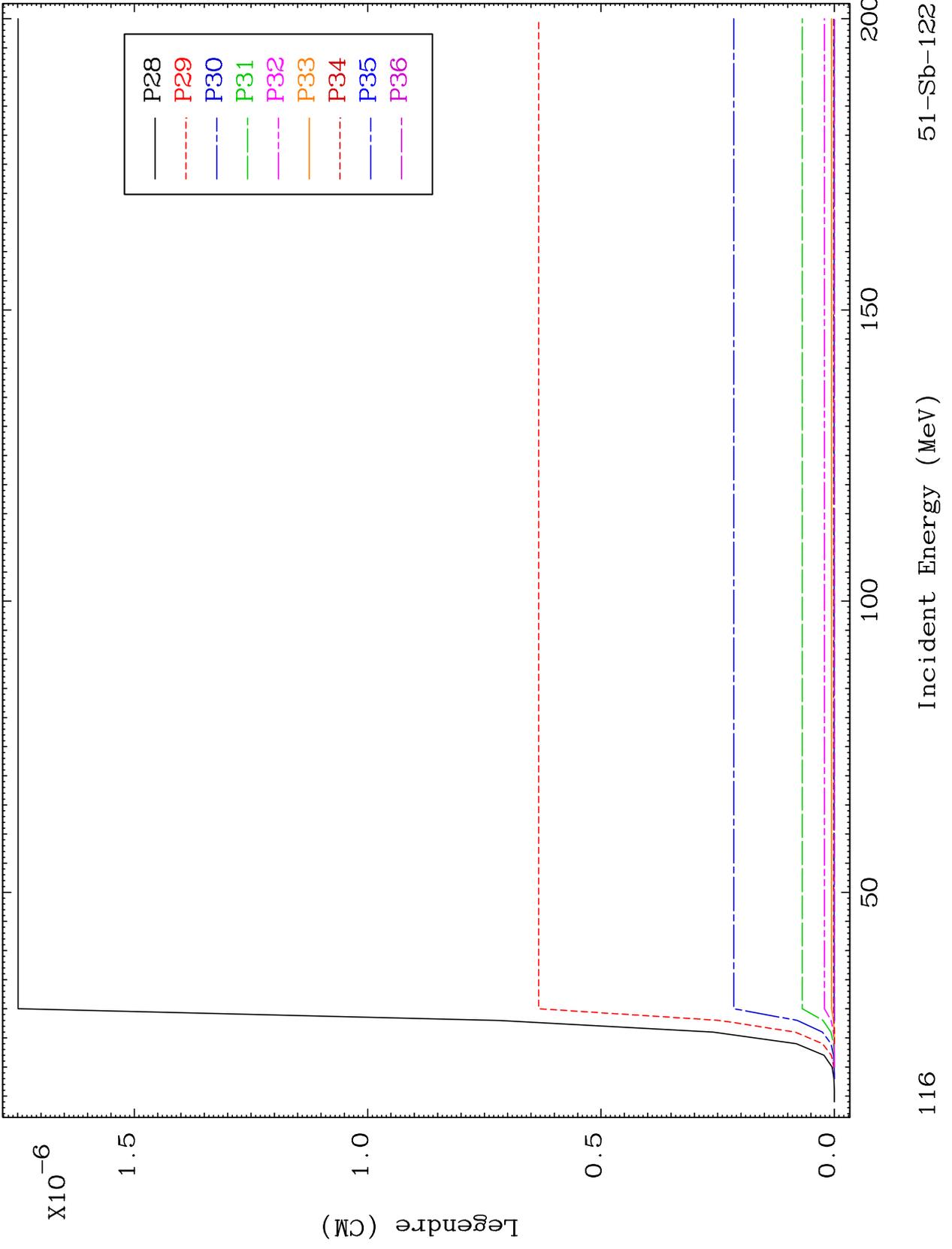
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

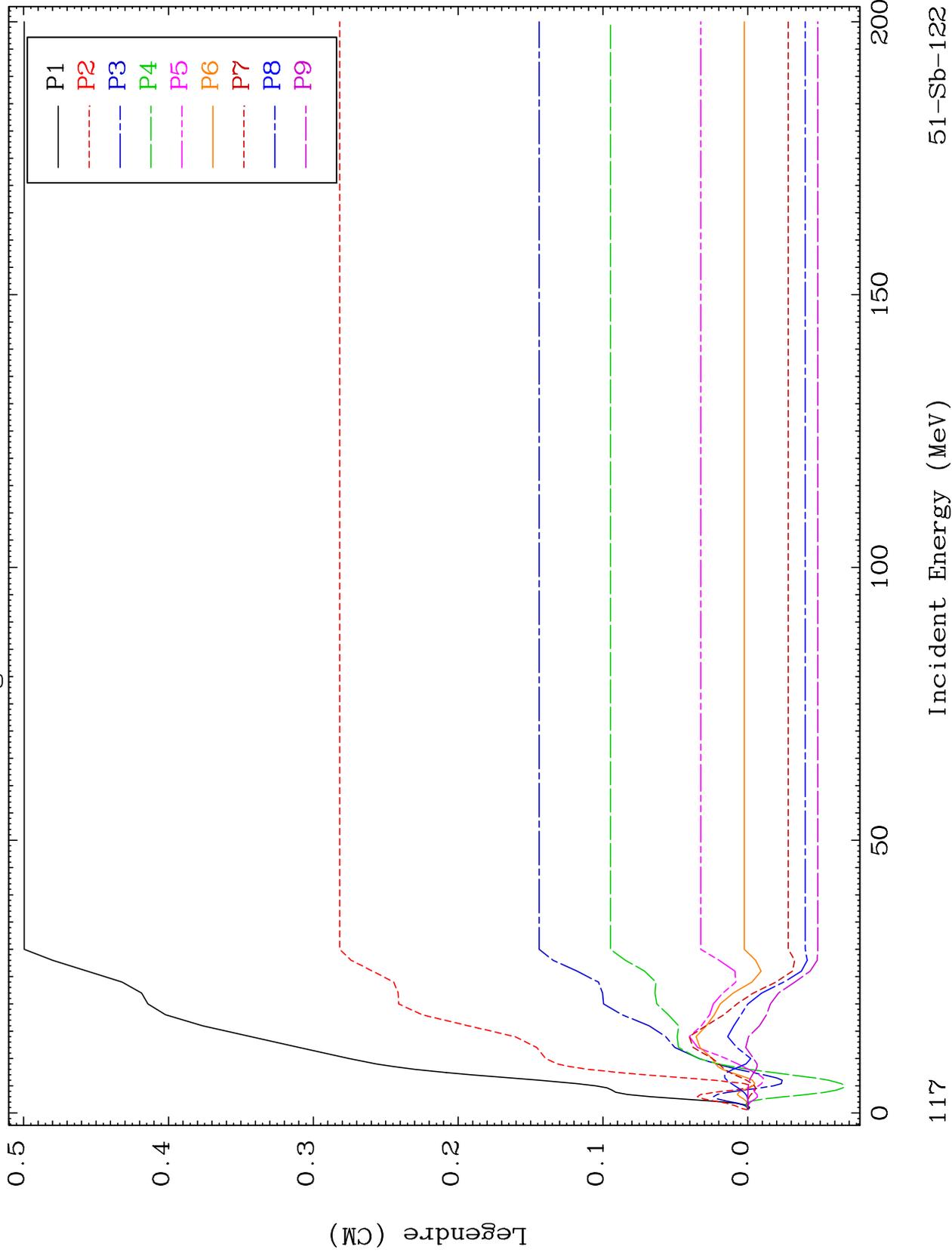
51-Sb-122



MAT 5128

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

51-Sb-122



51-Sb-122

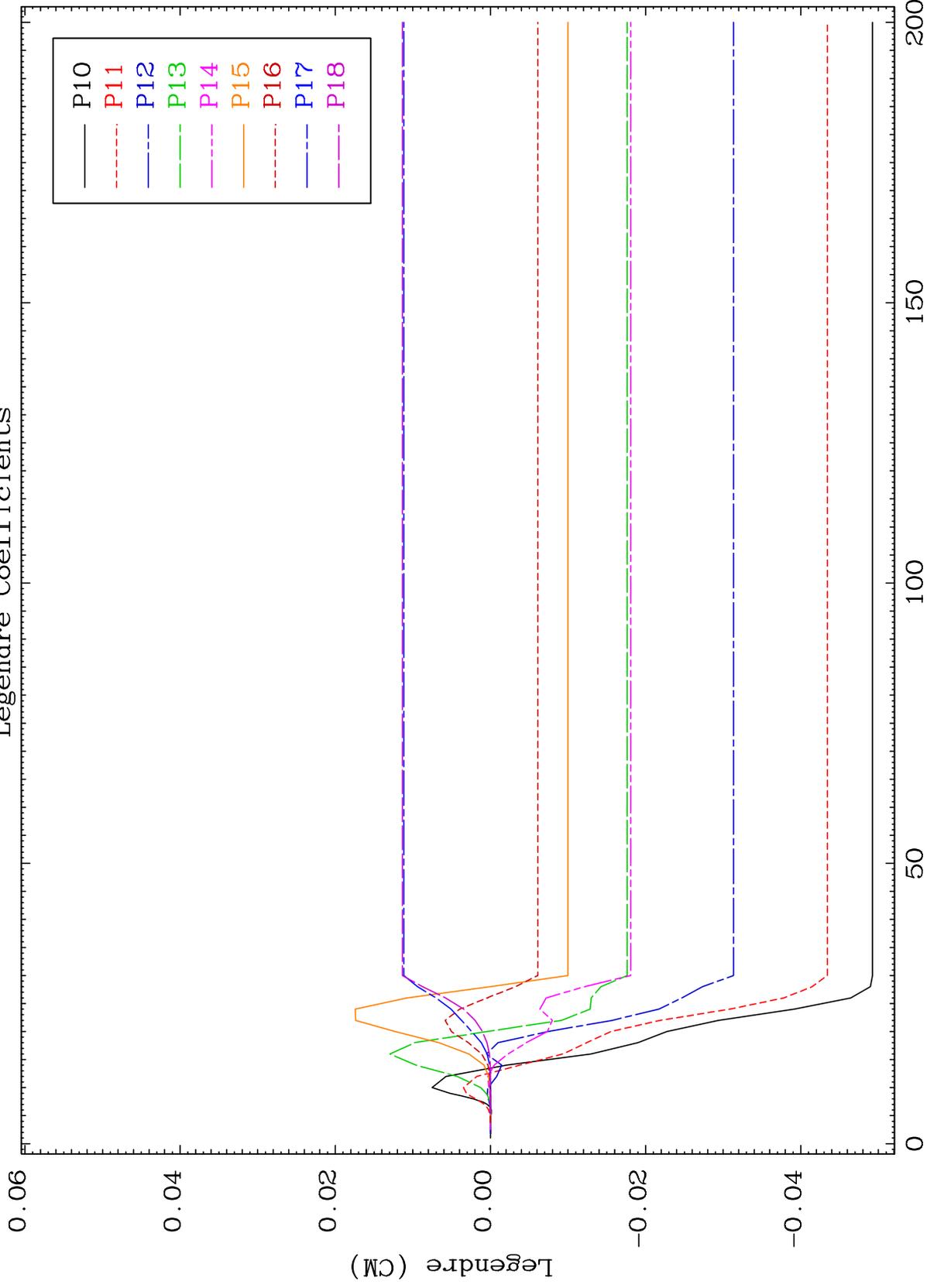
Incident Energy (MeV)

117

MAT 5128

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

51-Sb-122



118

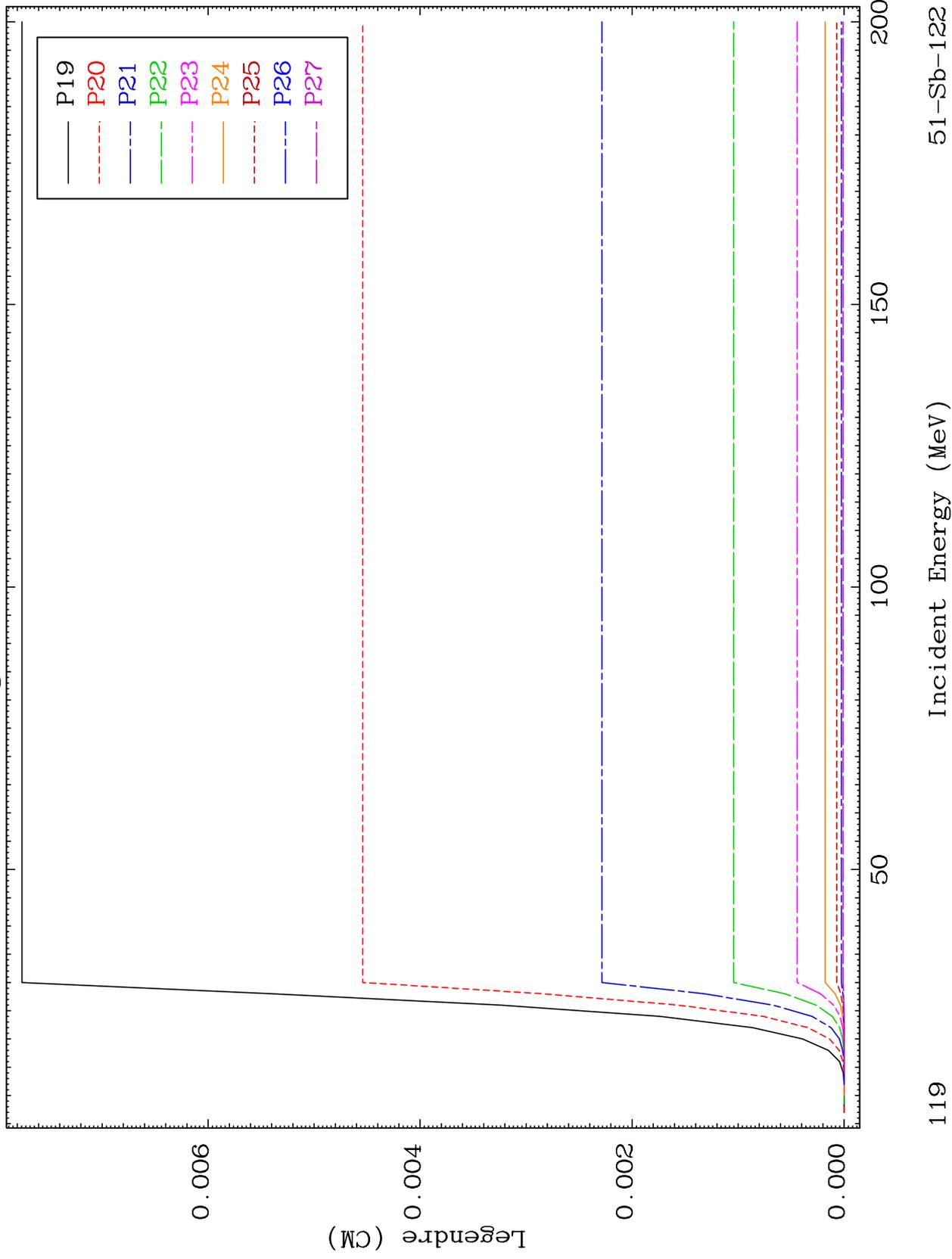
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



119

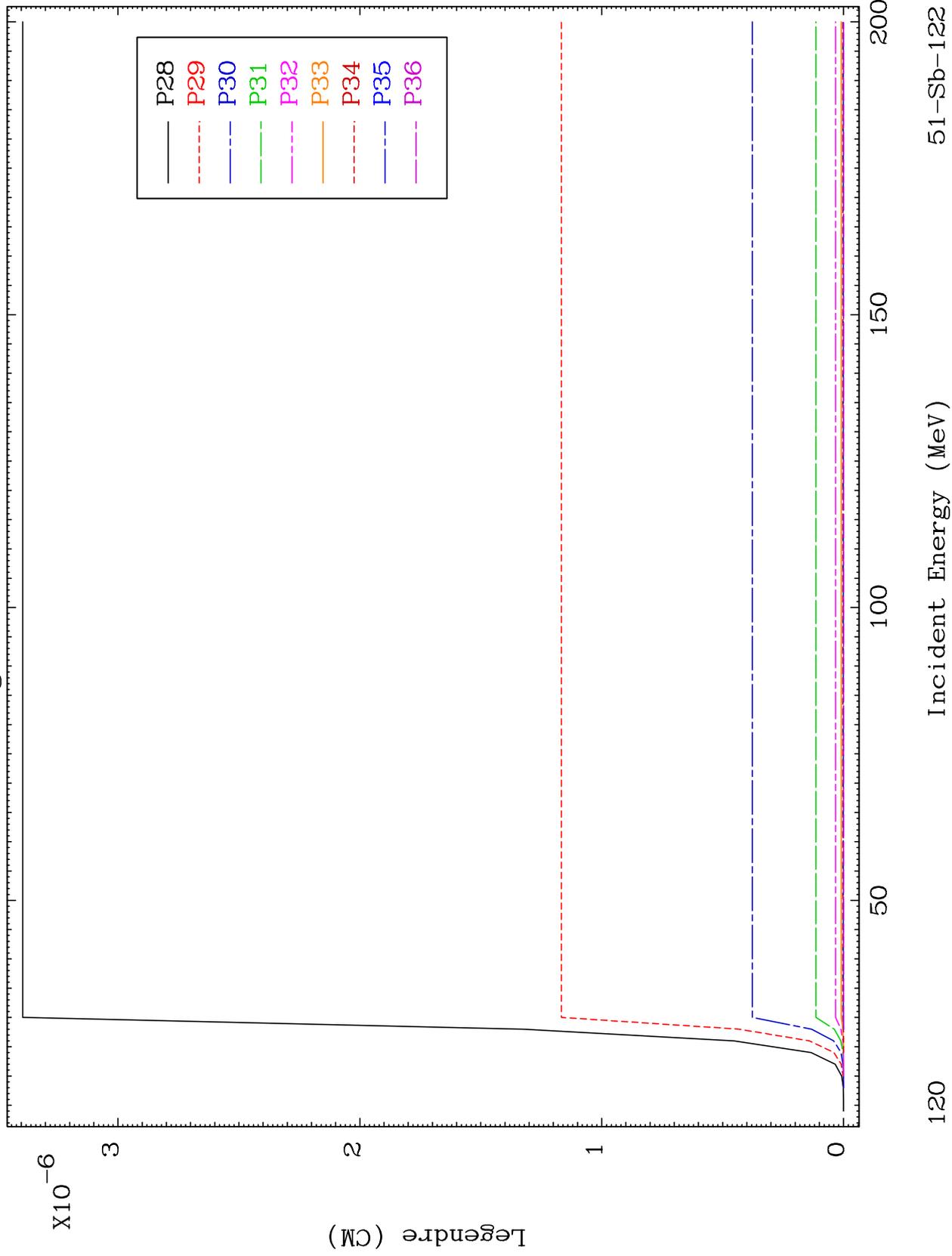
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

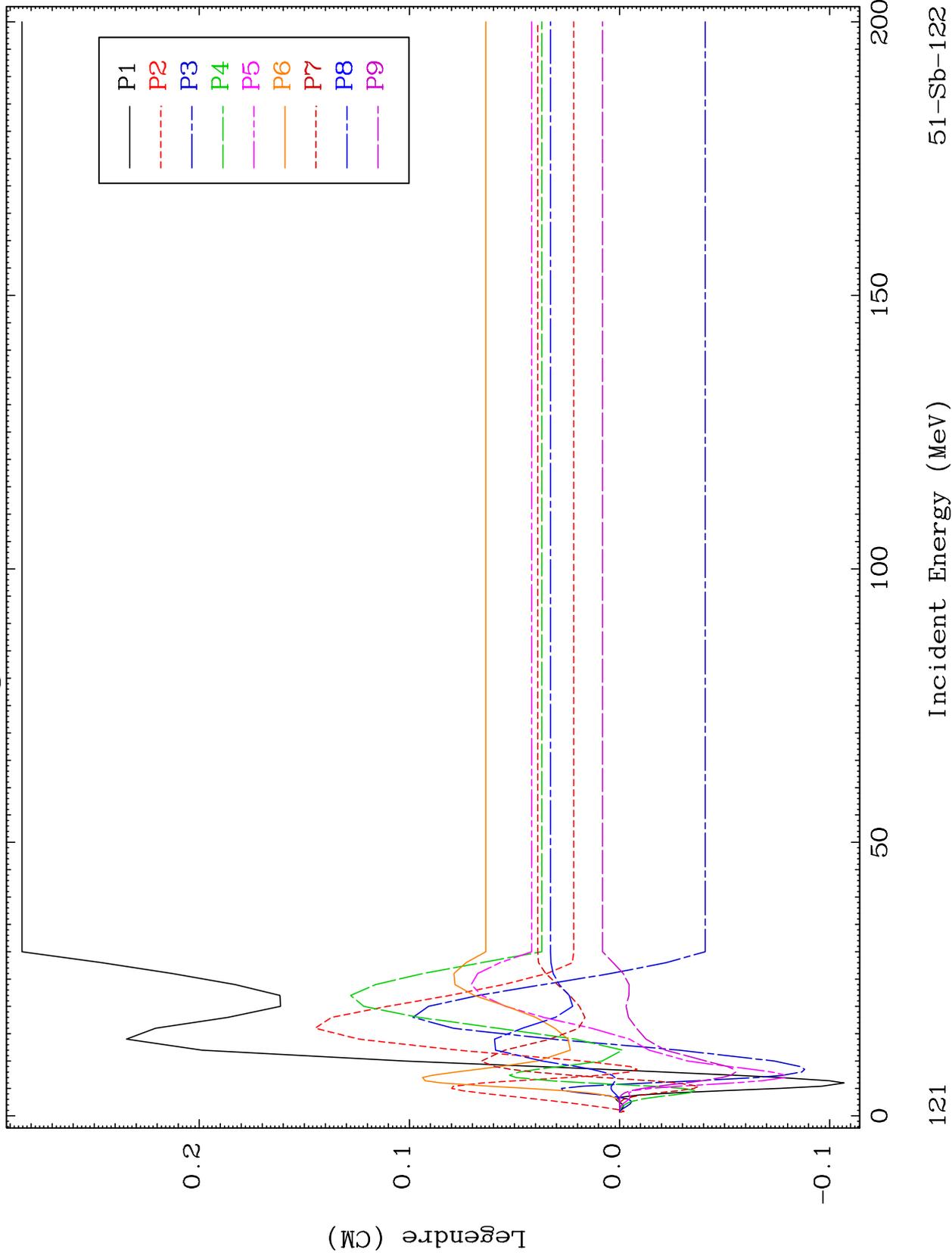
51-Sb-122



MAT 5128

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

51-Sb-122



51-Sb-122

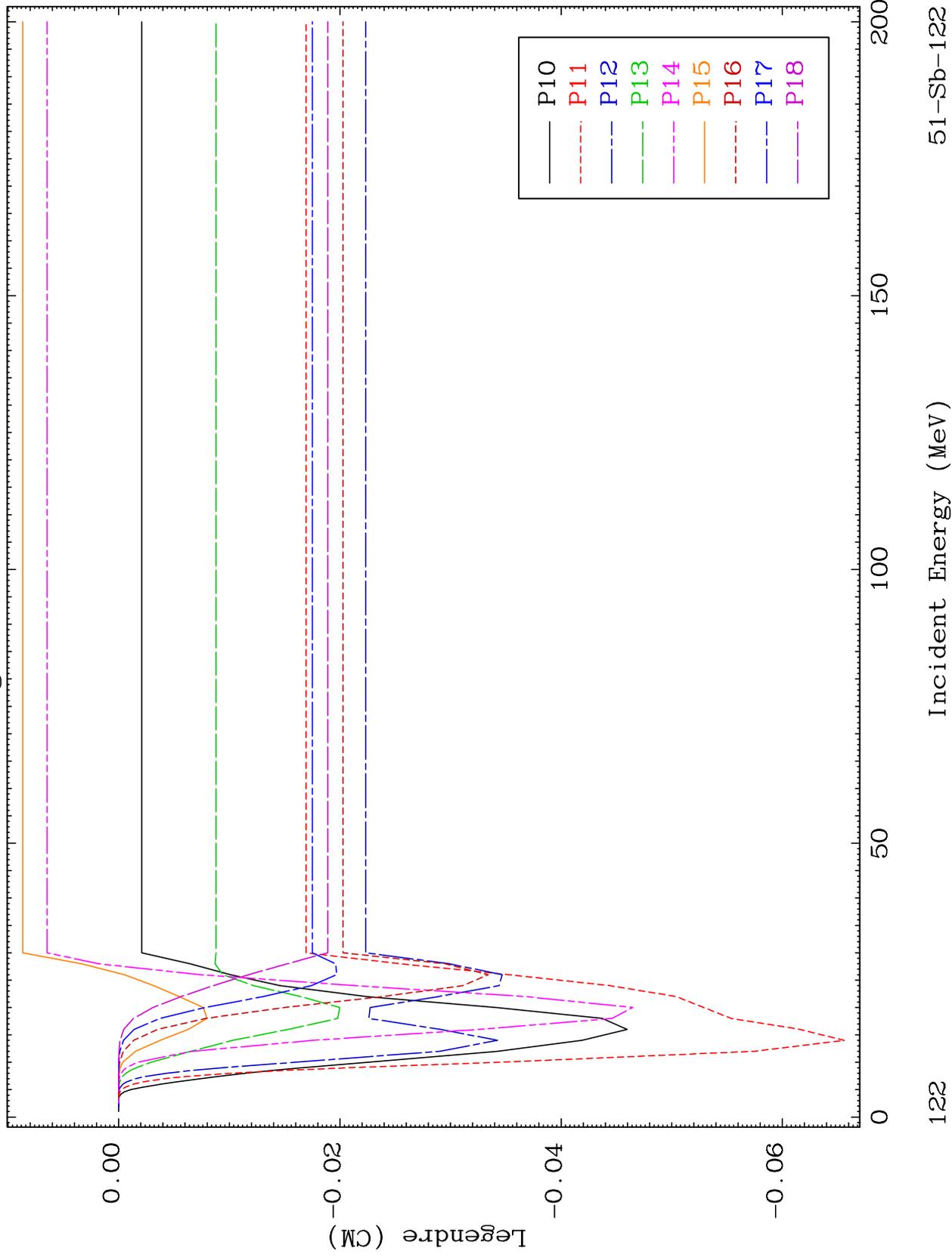
Incident Energy (MeV)

121

MAT 5128

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

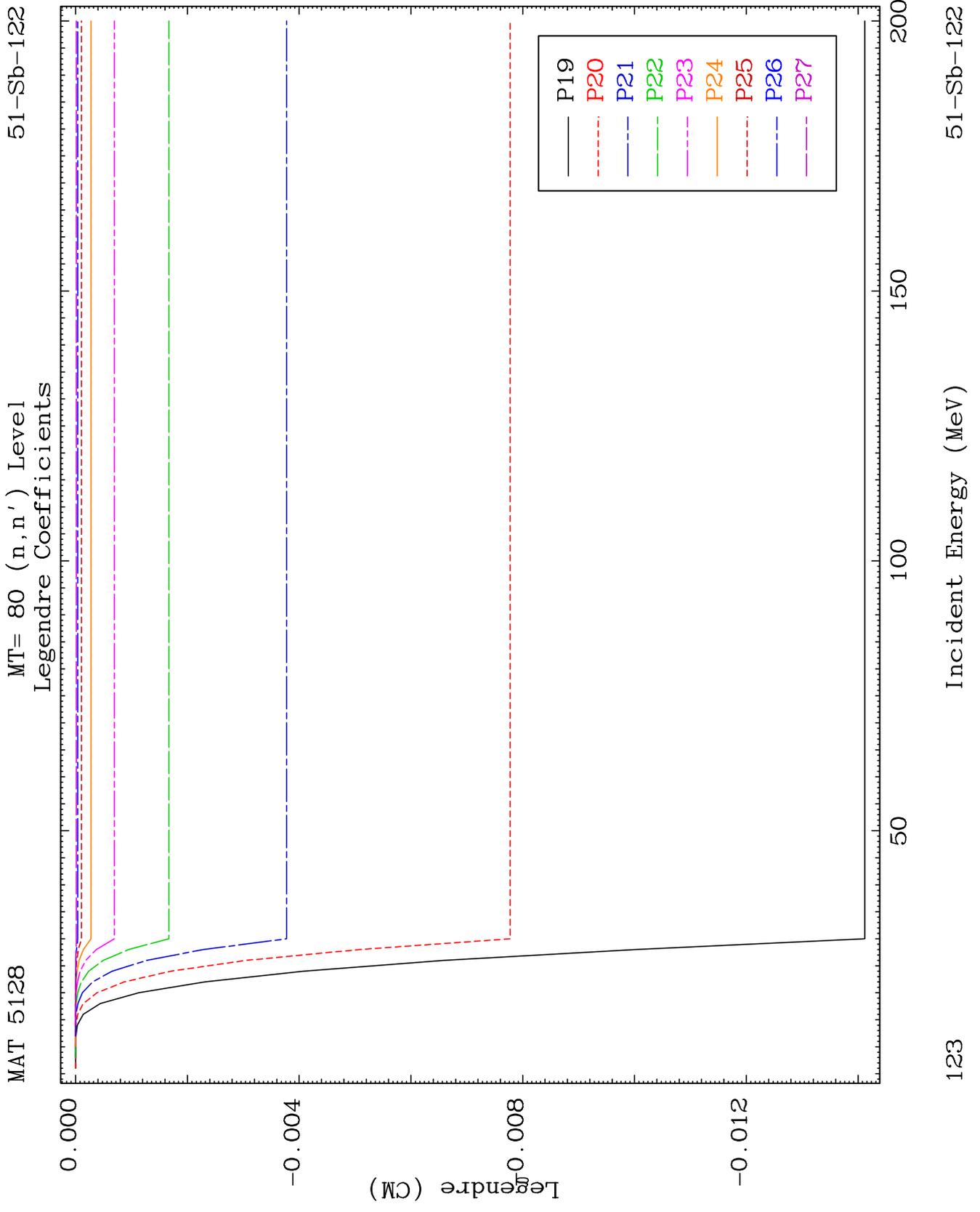
51-Sb-122

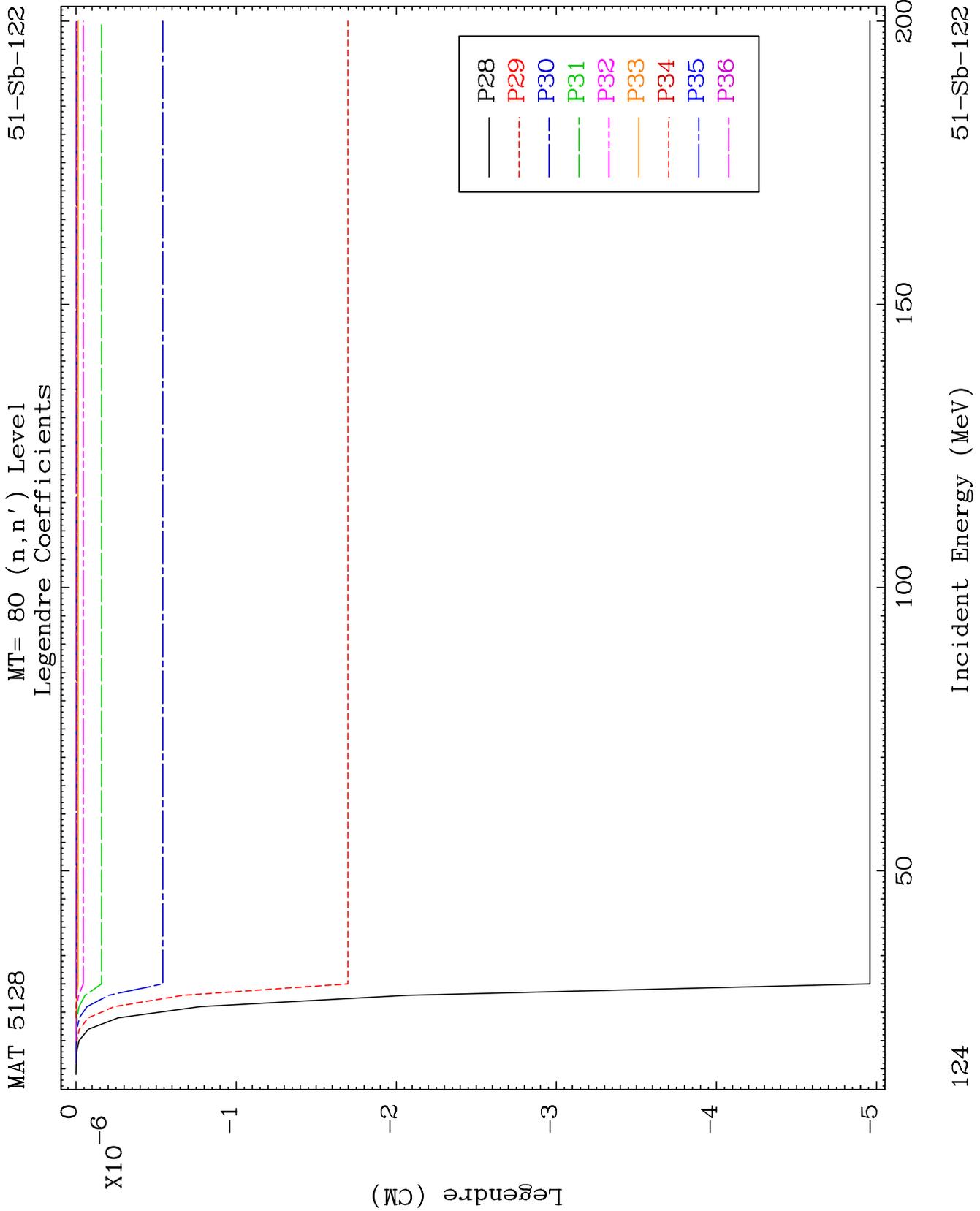


51-Sb-122

Incident Energy (MeV)

122

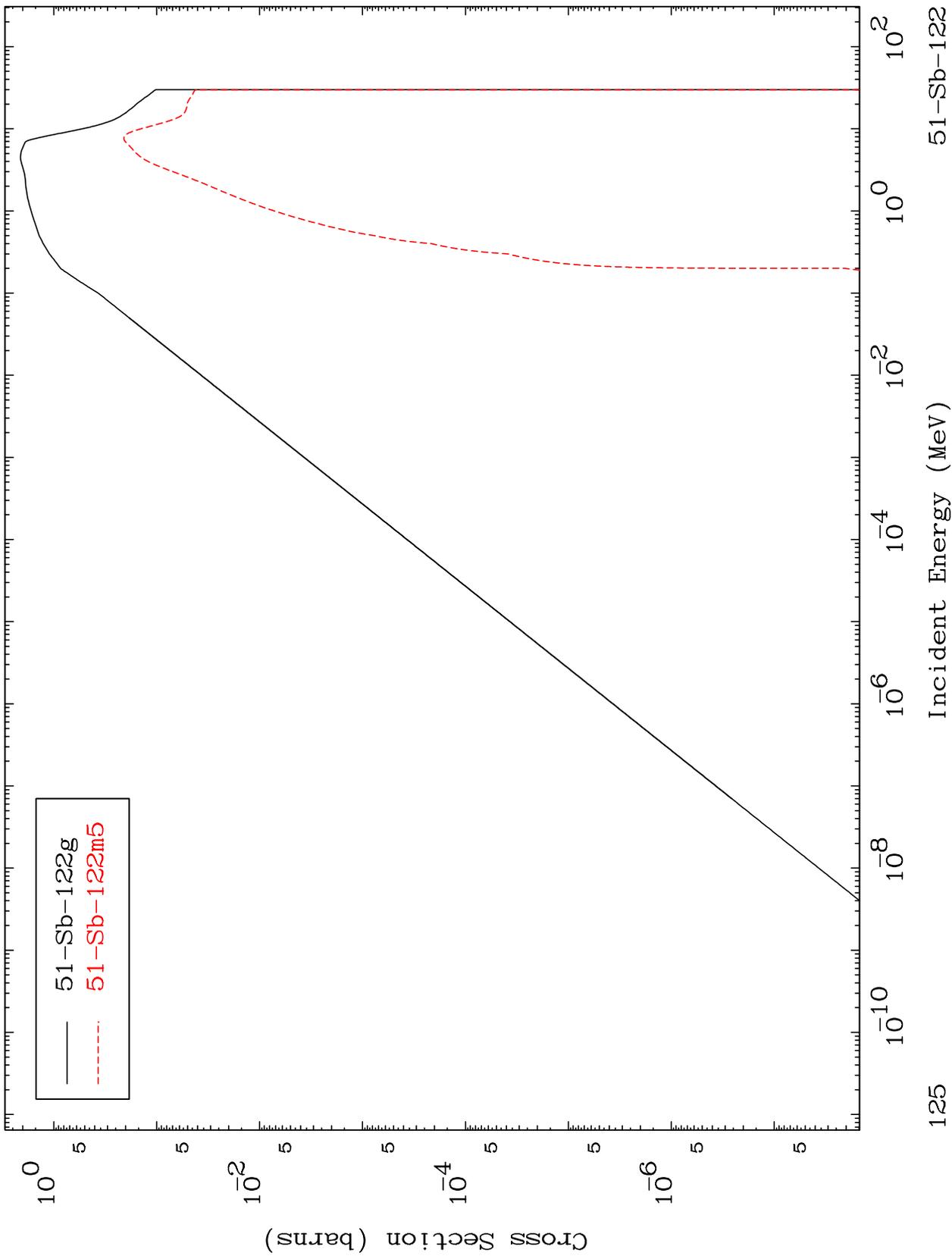




MAT 5128

51-Sb-122

Inelastic  
Radionuclide Production Cross Section



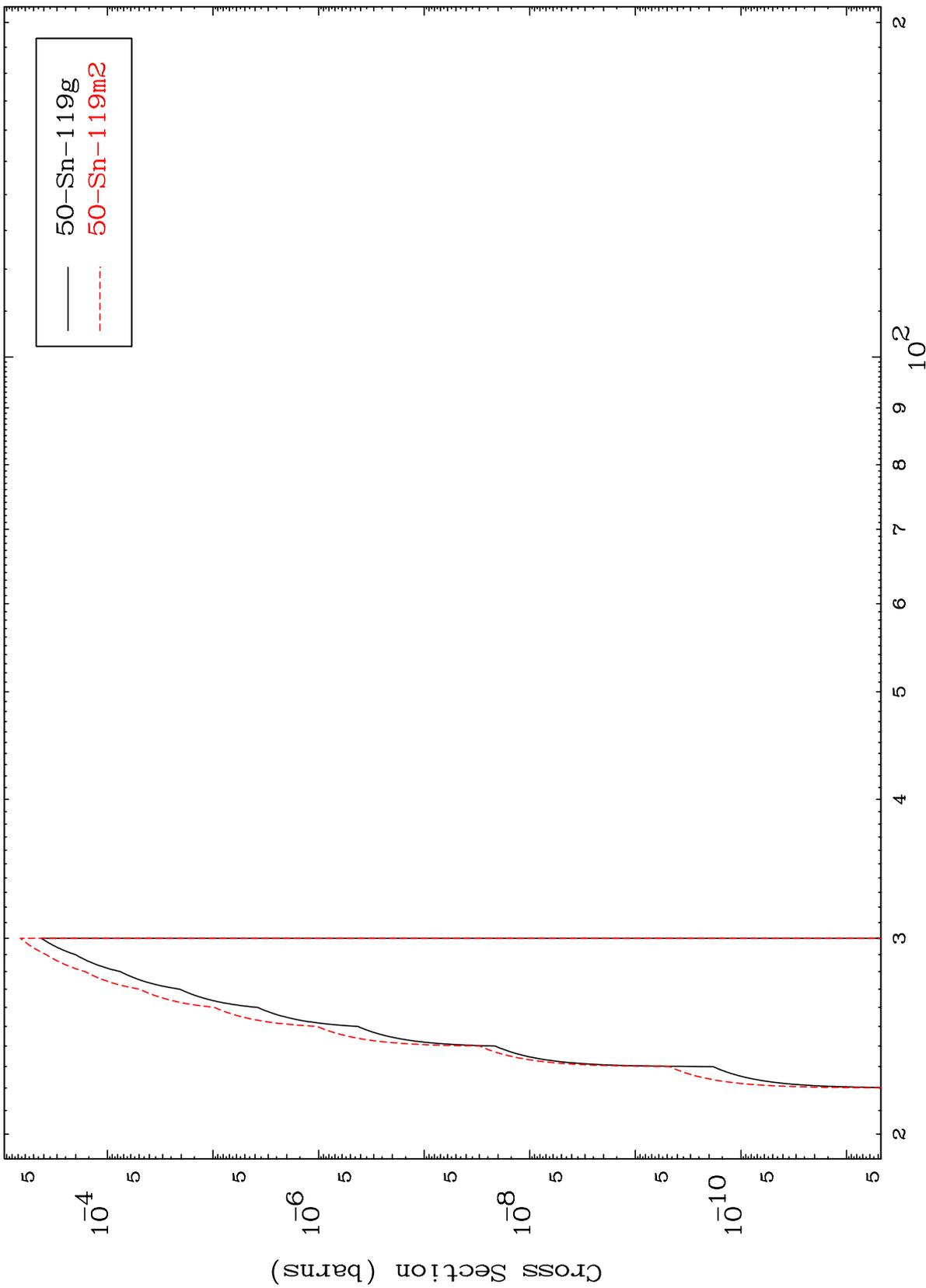
125

MAT 5128

(n,2n) d

51-Sb-122

Radionuclide Production Cross Section



126

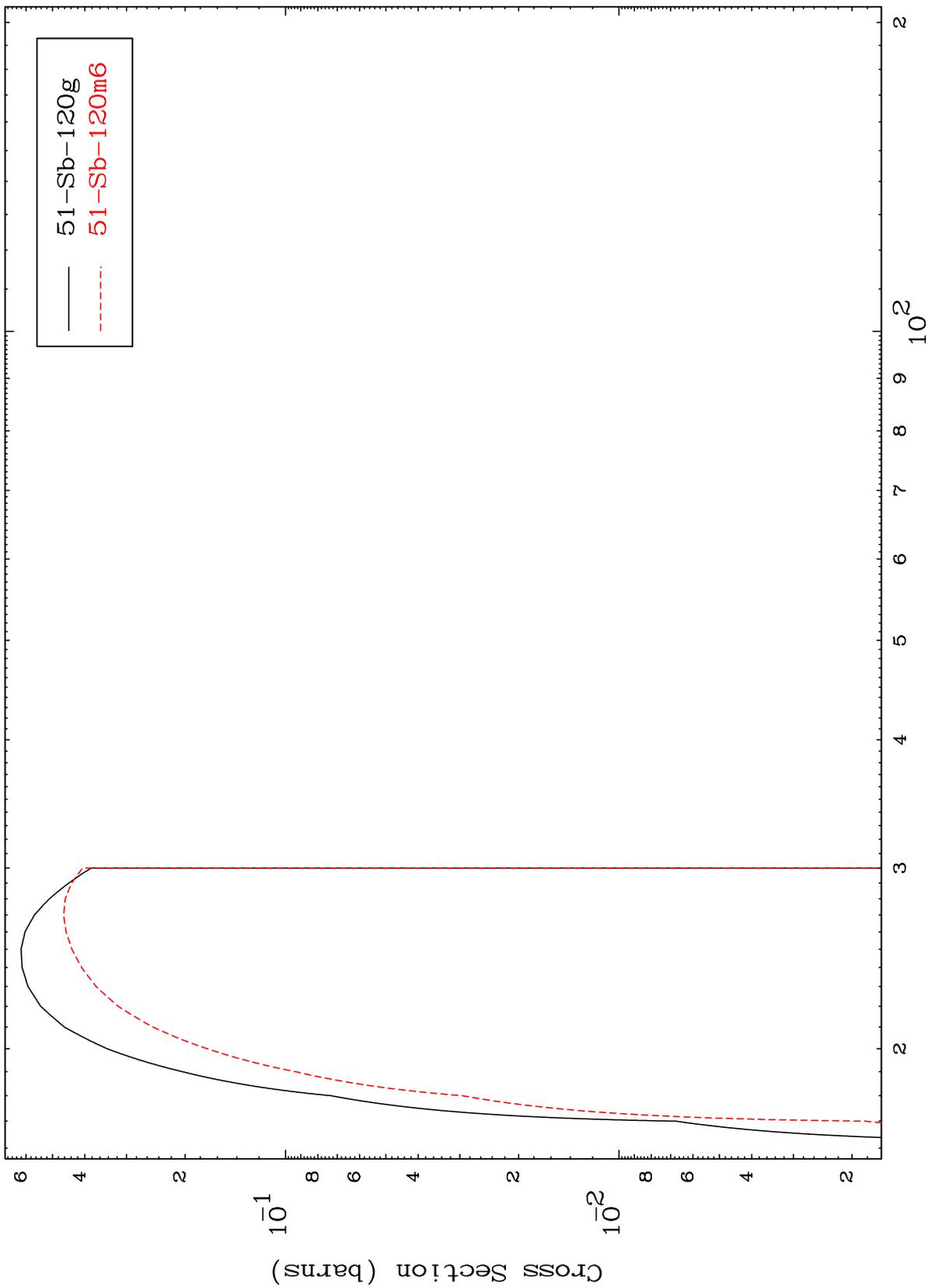
Incident Energy (MeV)

51-Sb-122

MAT 5128

51-Sb-122

(n,3n)  
Radionuclide Production Cross Section



127

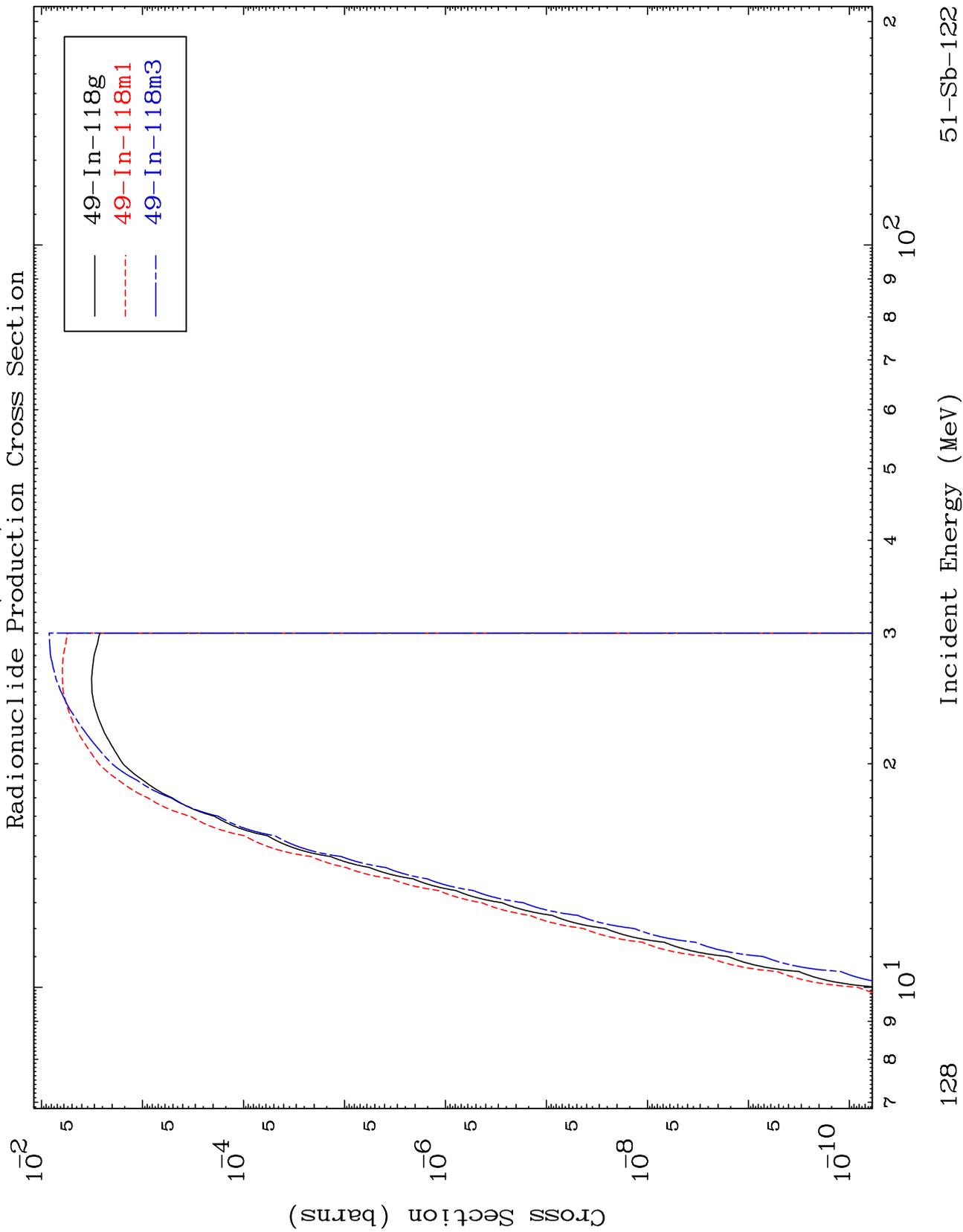
Incident Energy (MeV)

51-Sb-122

MAT 5128

$(n, n') \alpha$

51-Sb-122



128

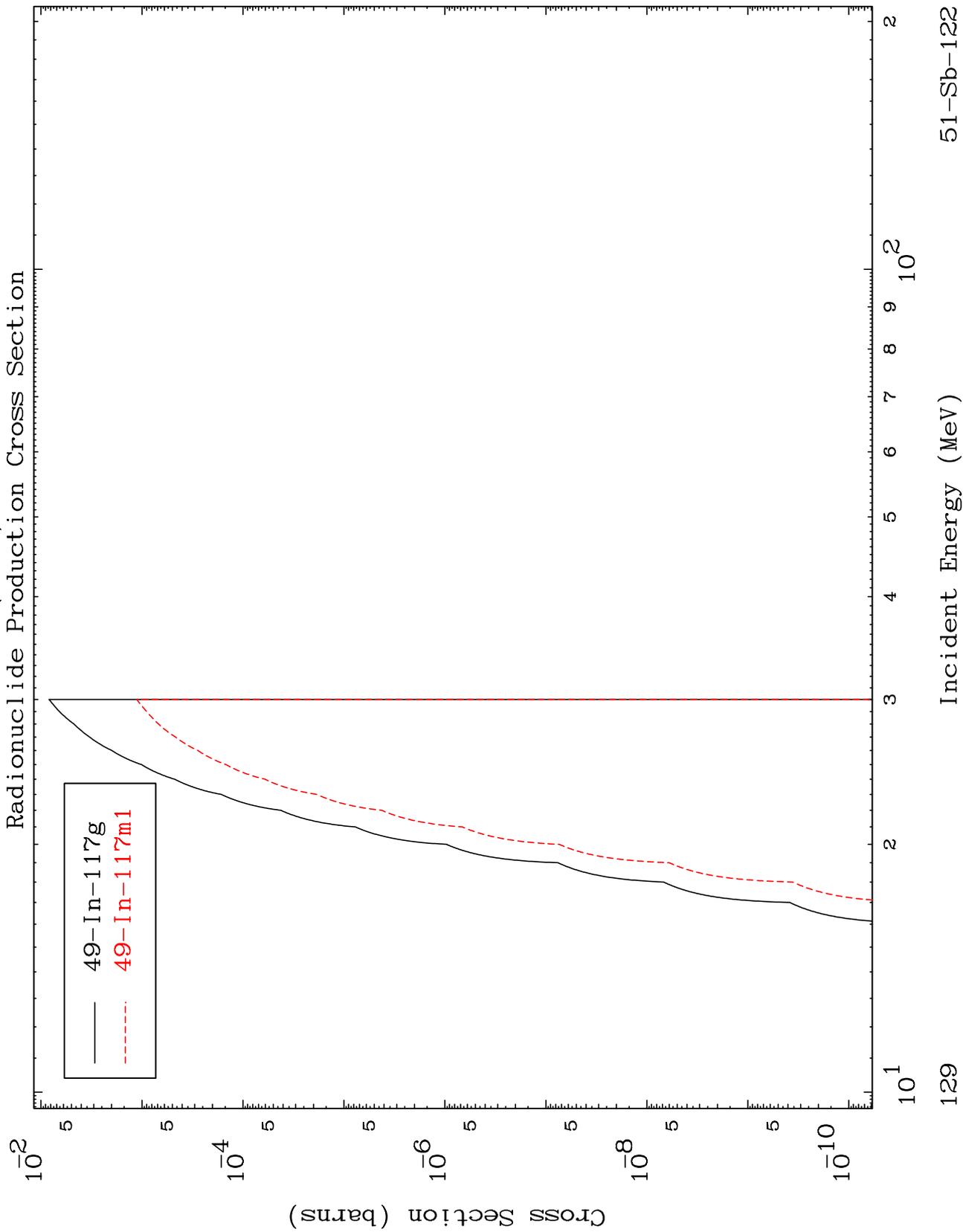
Incident Energy (MeV)

51-Sb-122

MAT 5128

(n,2n)  $\alpha$

51-Sb-122

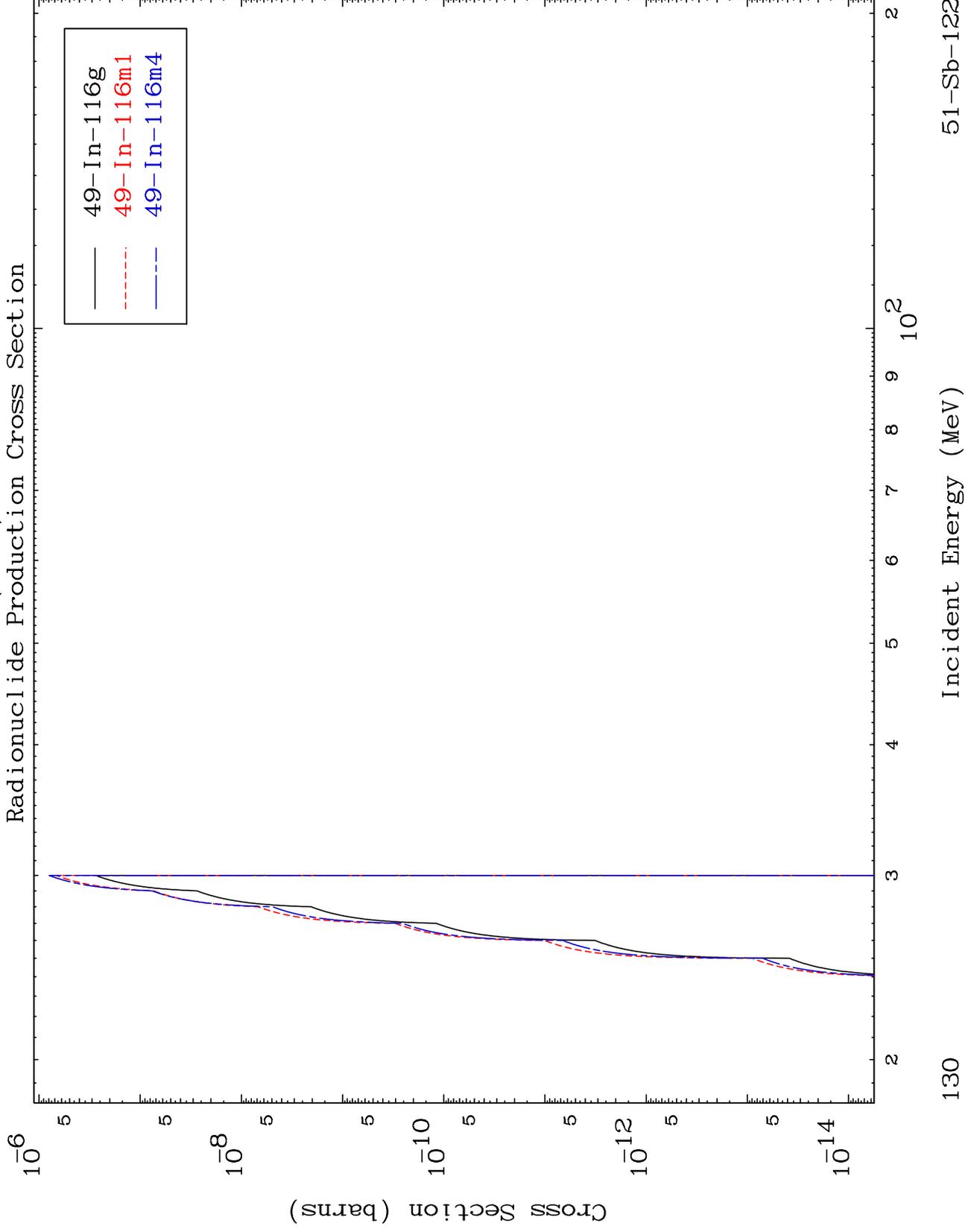


MAT 5128

(n,3n)  $\alpha$

51-Sb-122

Radionuclide Production Cross Section



130

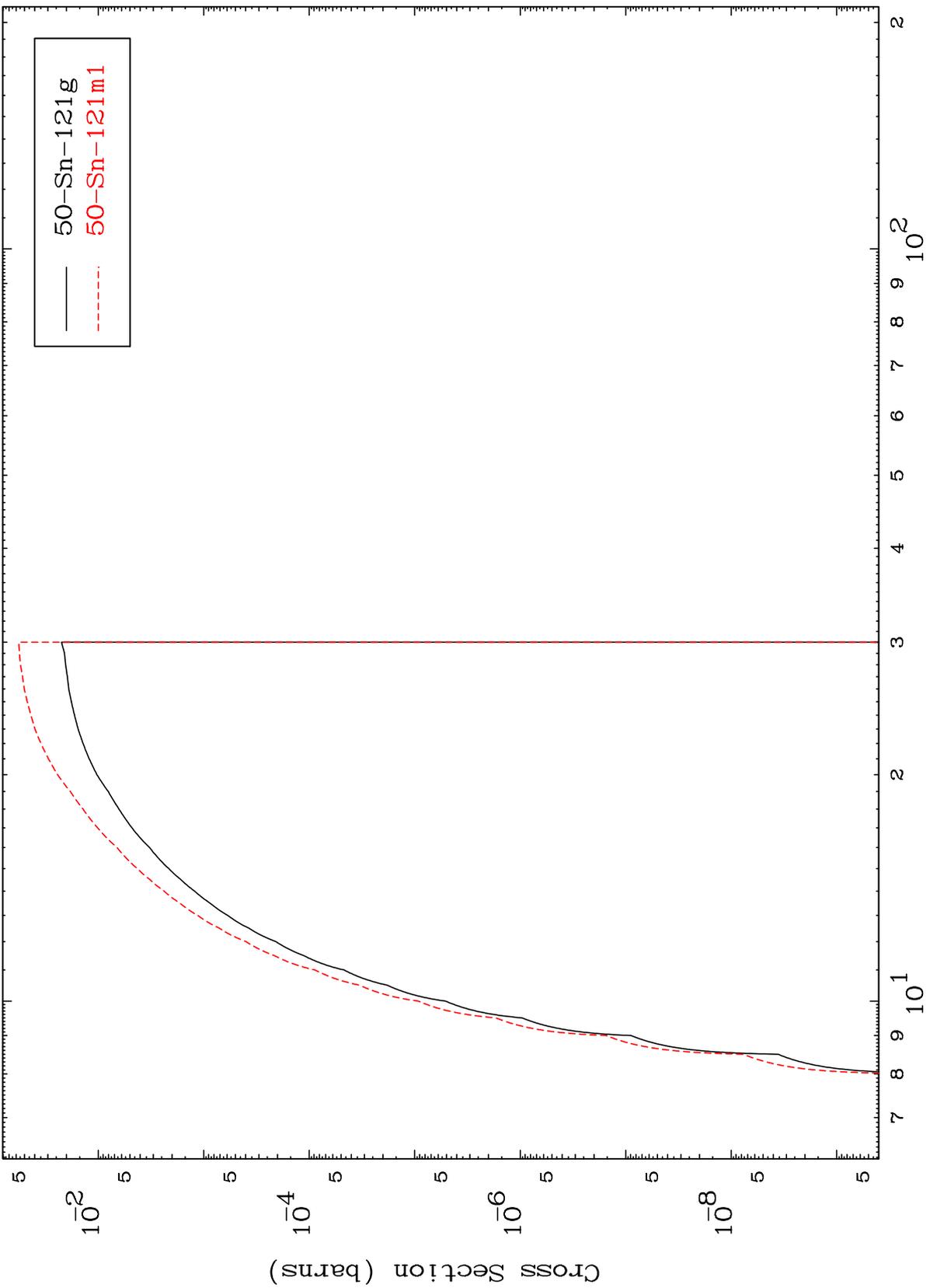
Incident Energy (MeV)

51-Sb-122

MAT 5128

51-Sb-122

$(n, n')$  p  
Radionuclide Production Cross Section

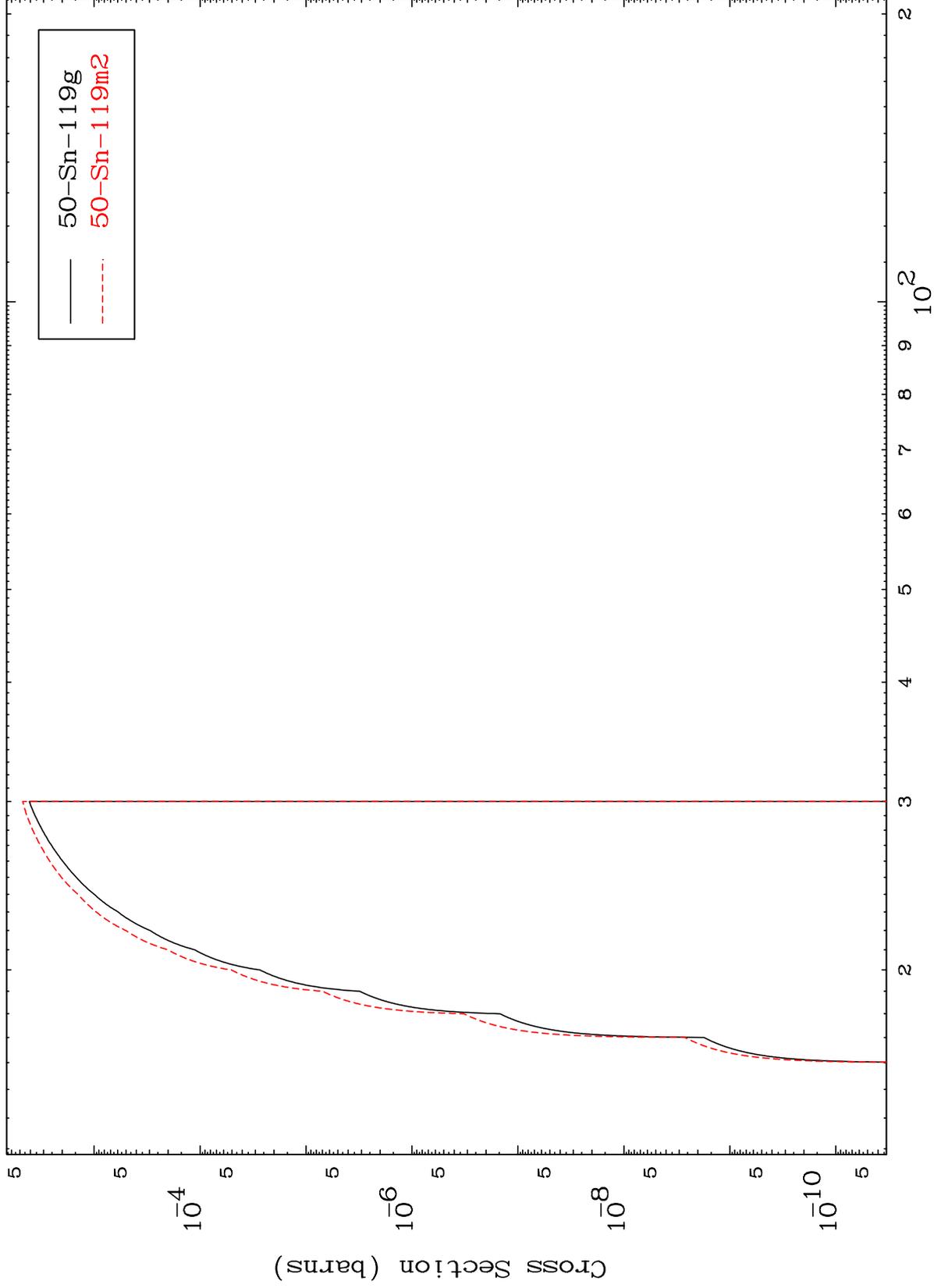


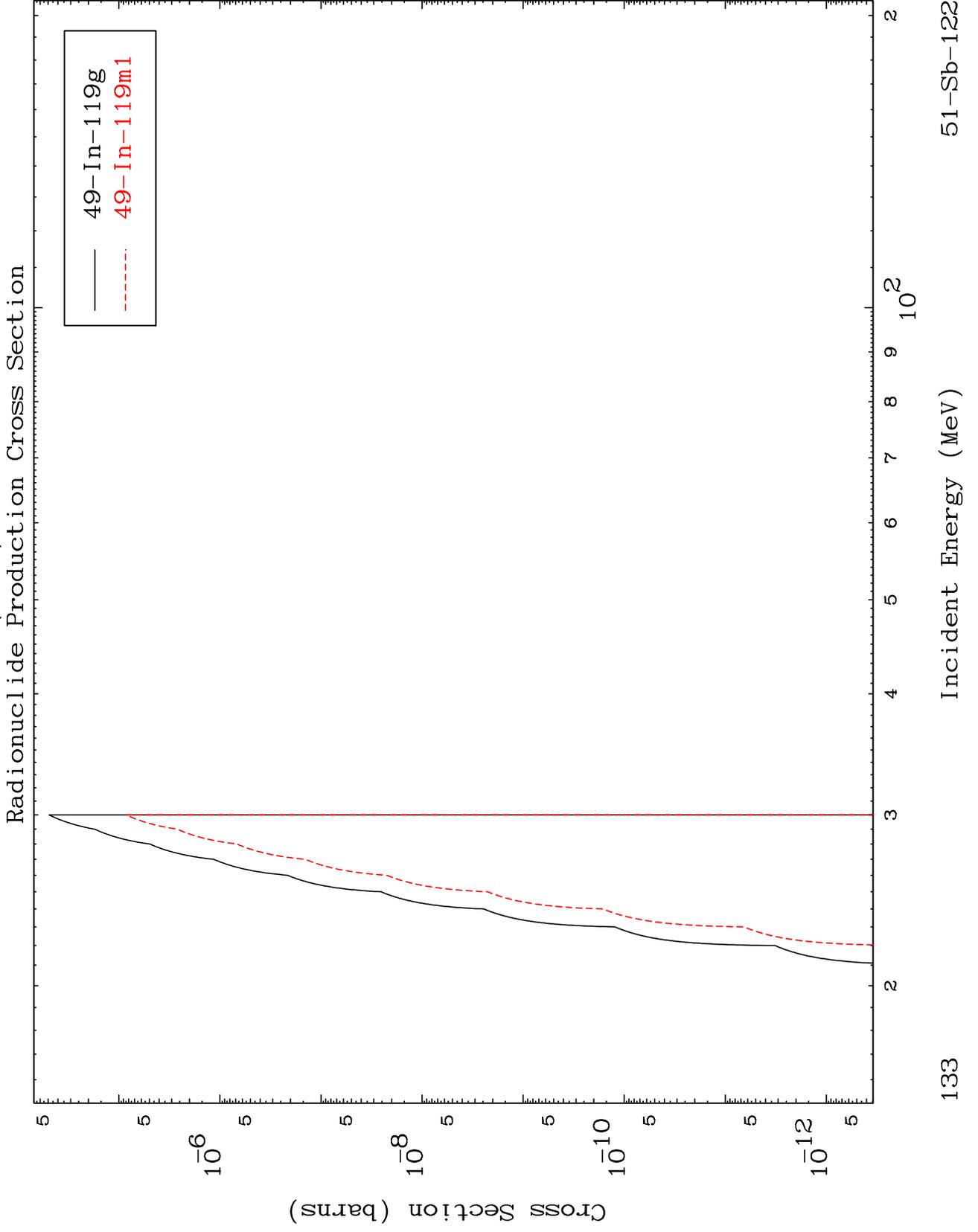
131

Incident Energy (MeV)

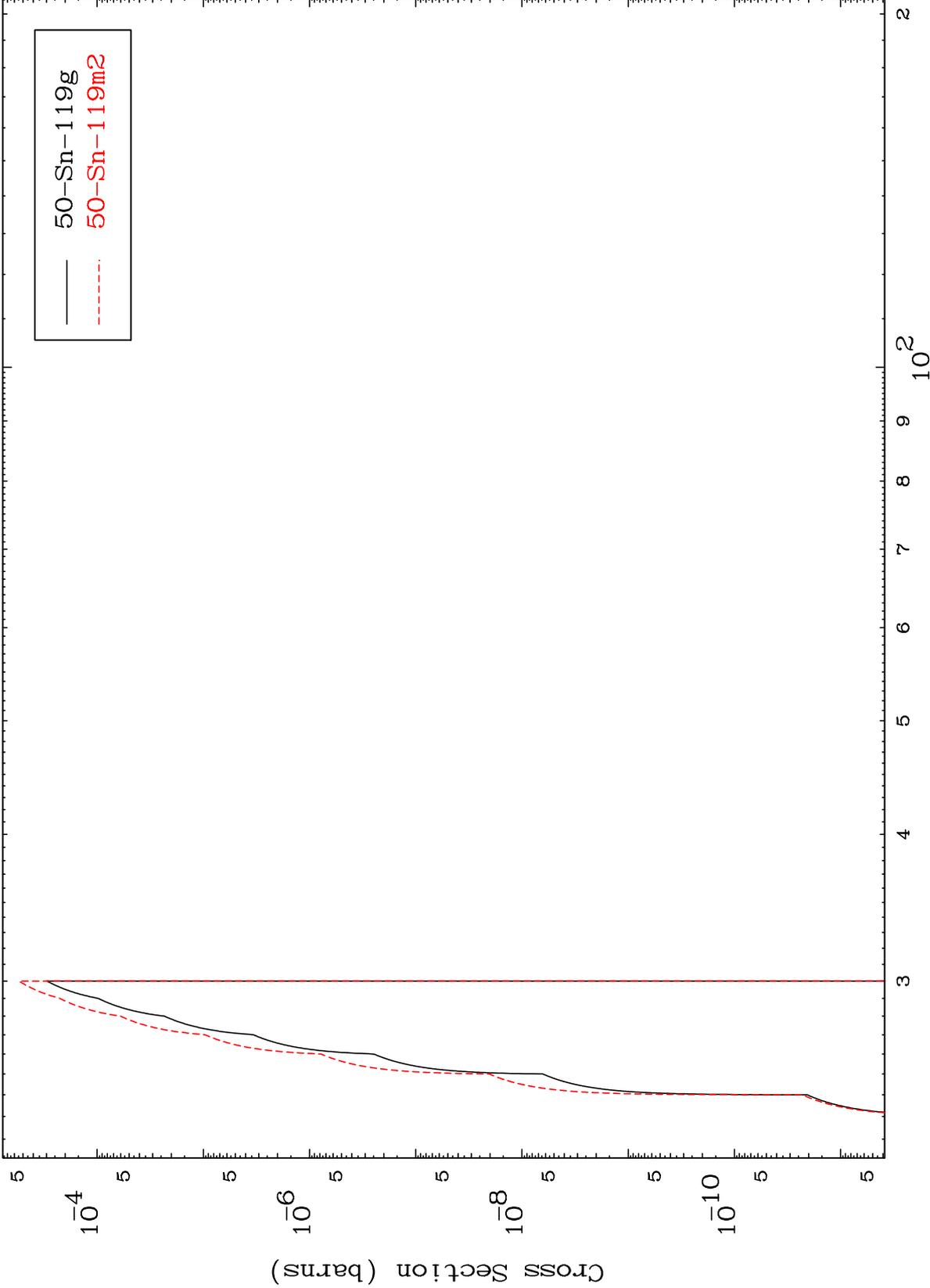
51-Sb-122

Radionuclide Production Cross Section



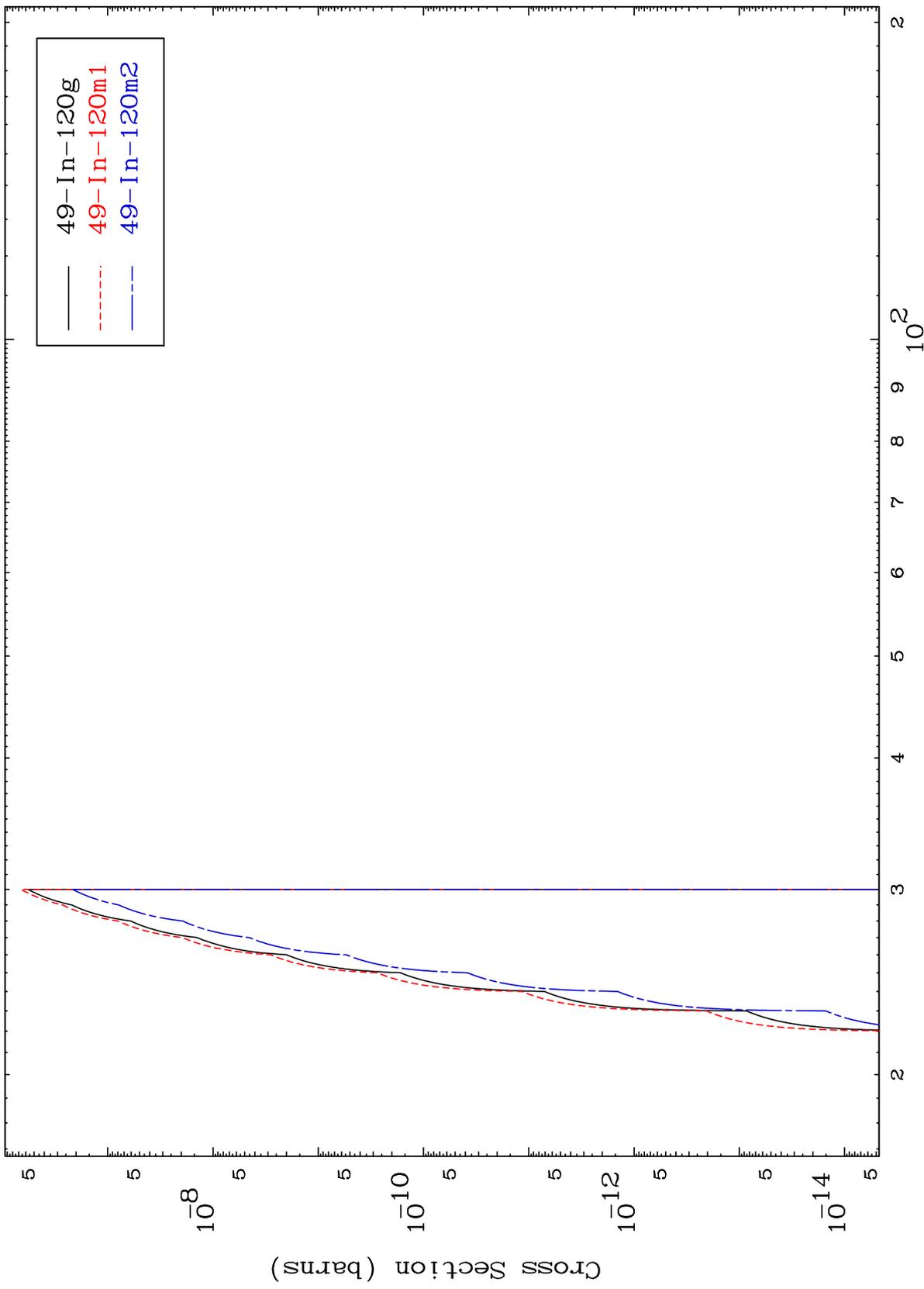


Radionuclide Production Cross Section

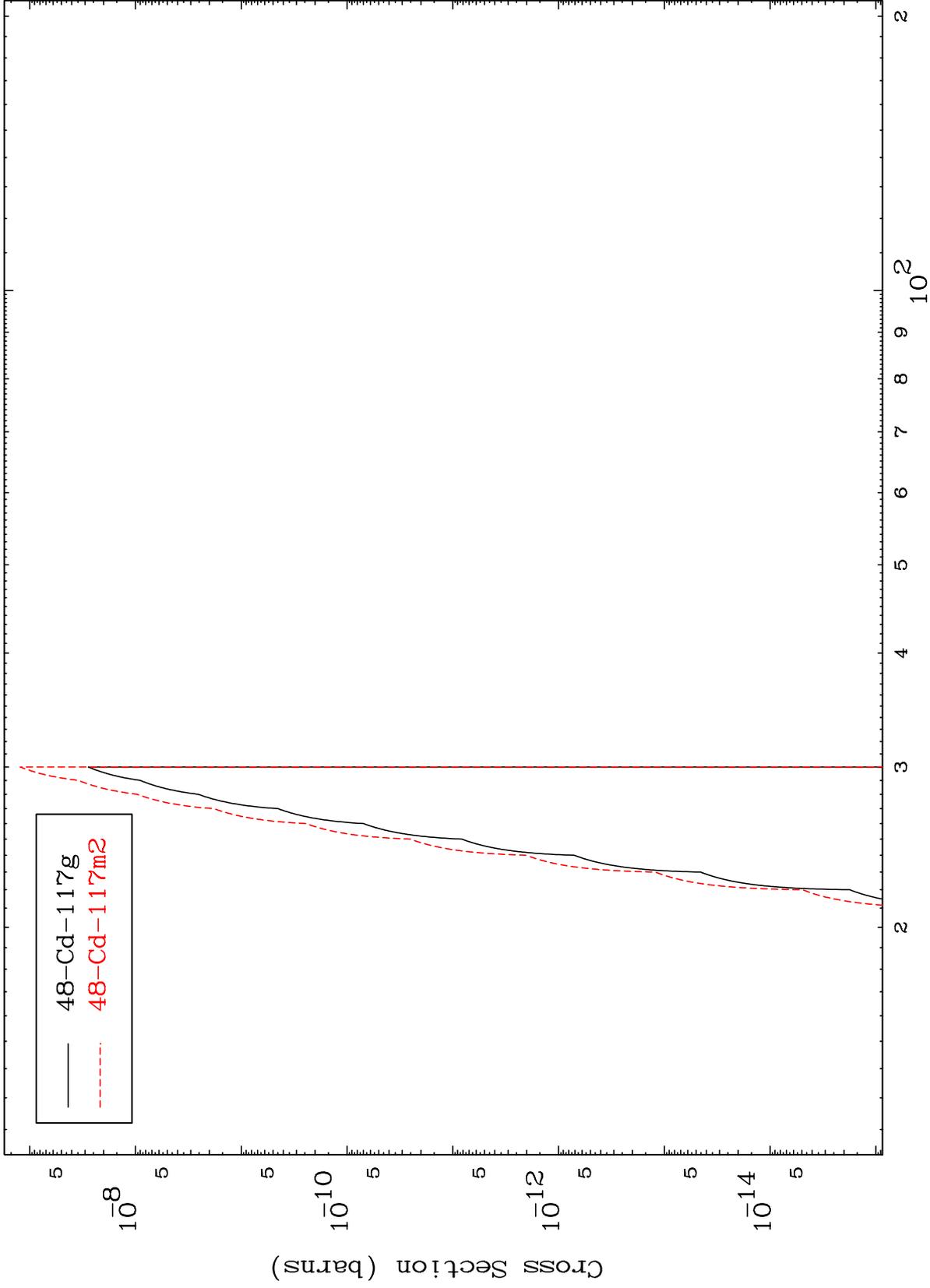


50-Sn-119g  
50-Sn-119m2

(n,2n) p  
Radionuclide Production Cross Section



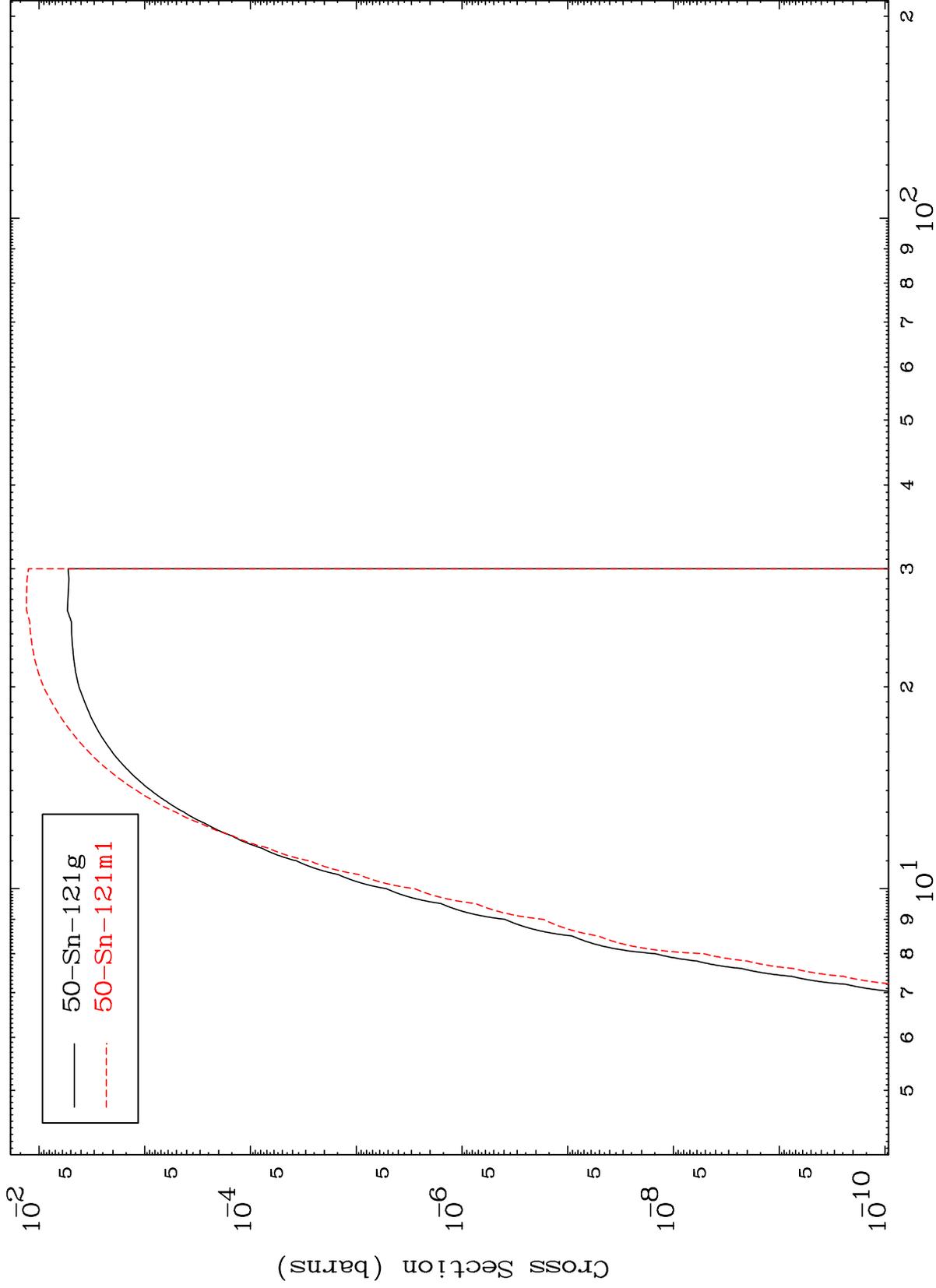
Radionuclide Production Cross Section



MAT 5128

51-Sb-122

(n,d)  
Radionuclide Production Cross Section

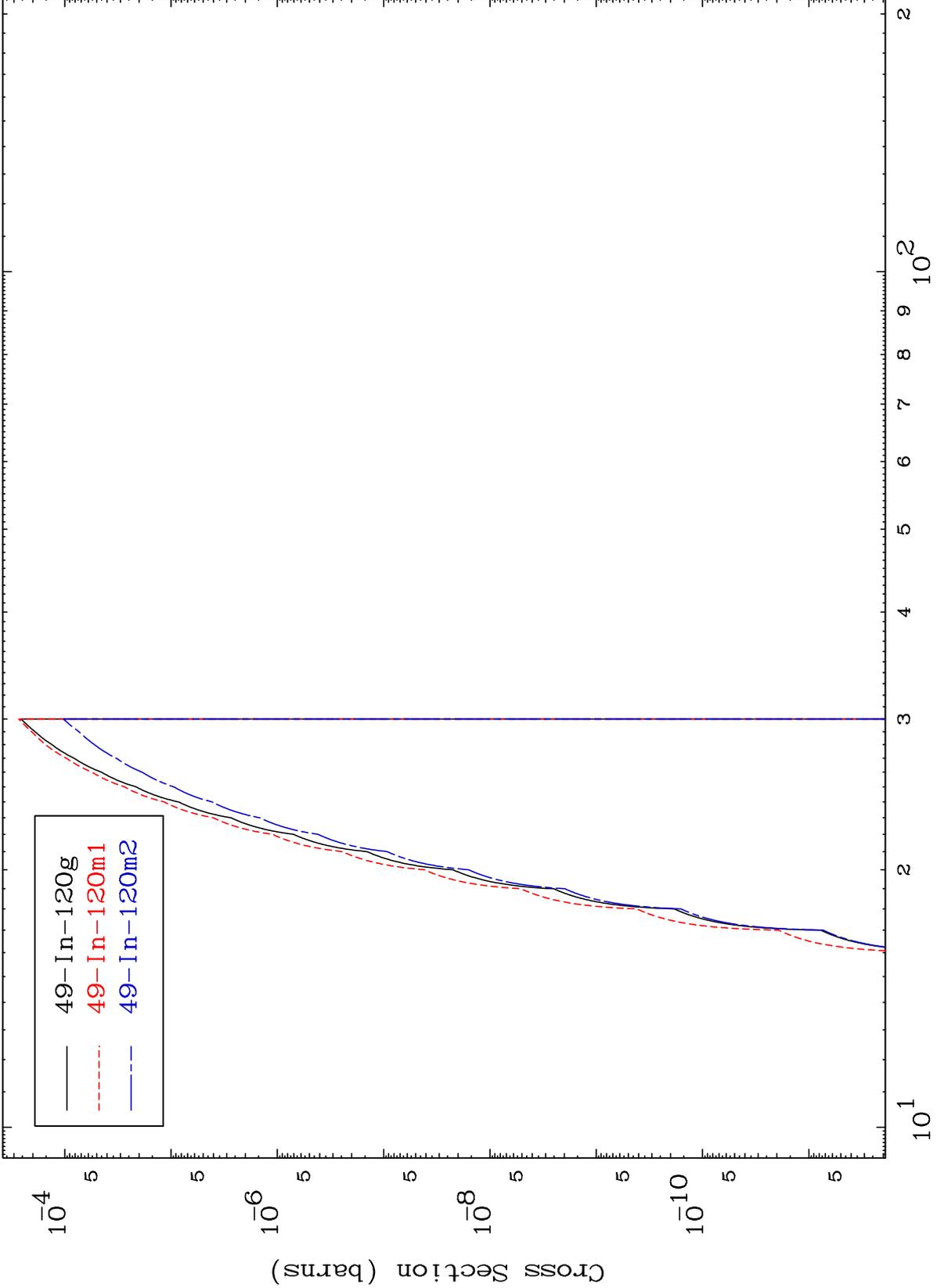


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Incident Energy (MeV)

51-Sb-122

Radionuclide Production Cross Section

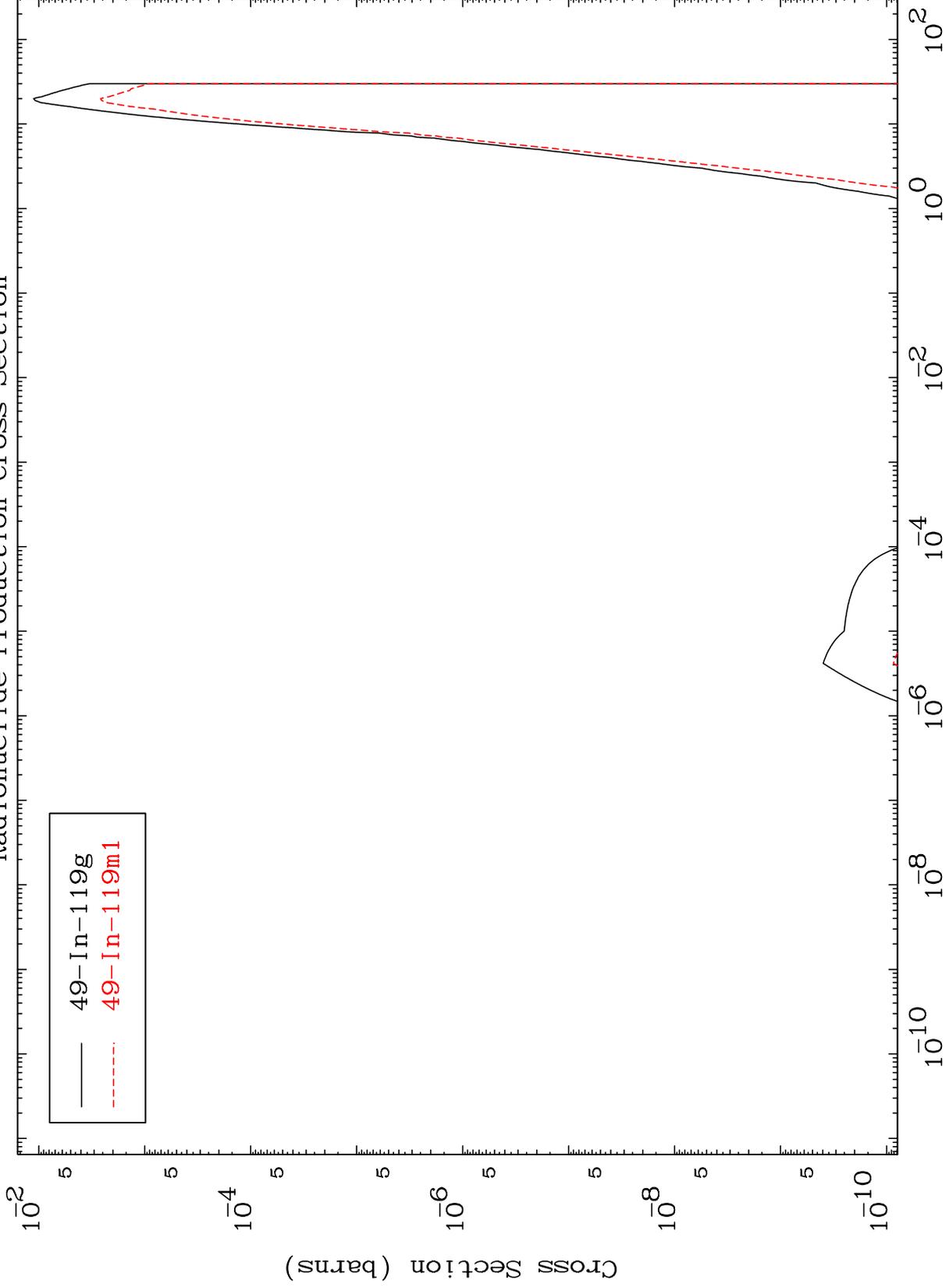


MAT 5128

(n,  $\alpha$ )

51-Sb-122

Radionuclide Production Cross Section



139

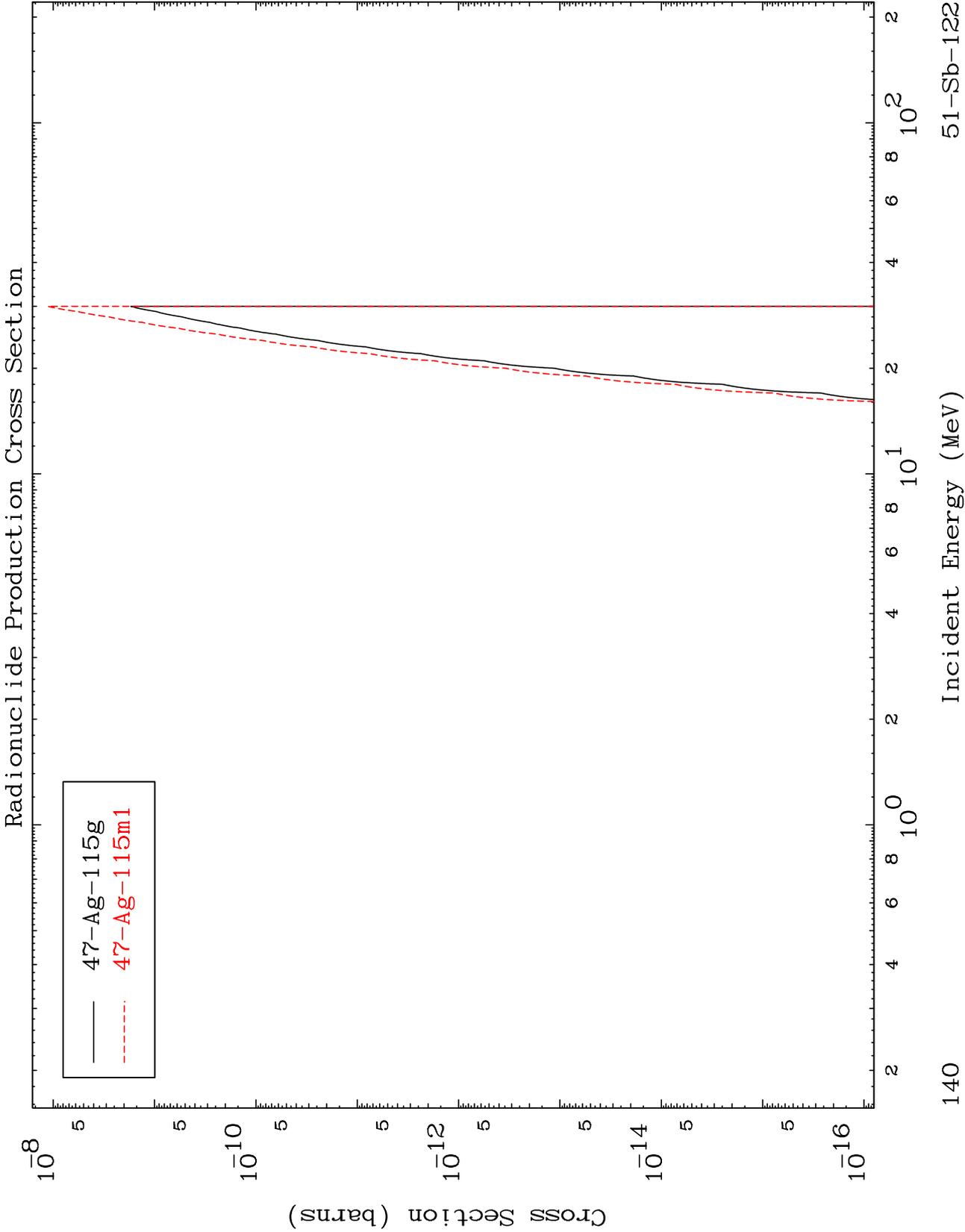
Incident Energy (MeV)

51-Sb-122

MAT 5128

(n,2α)

51-Sb-122



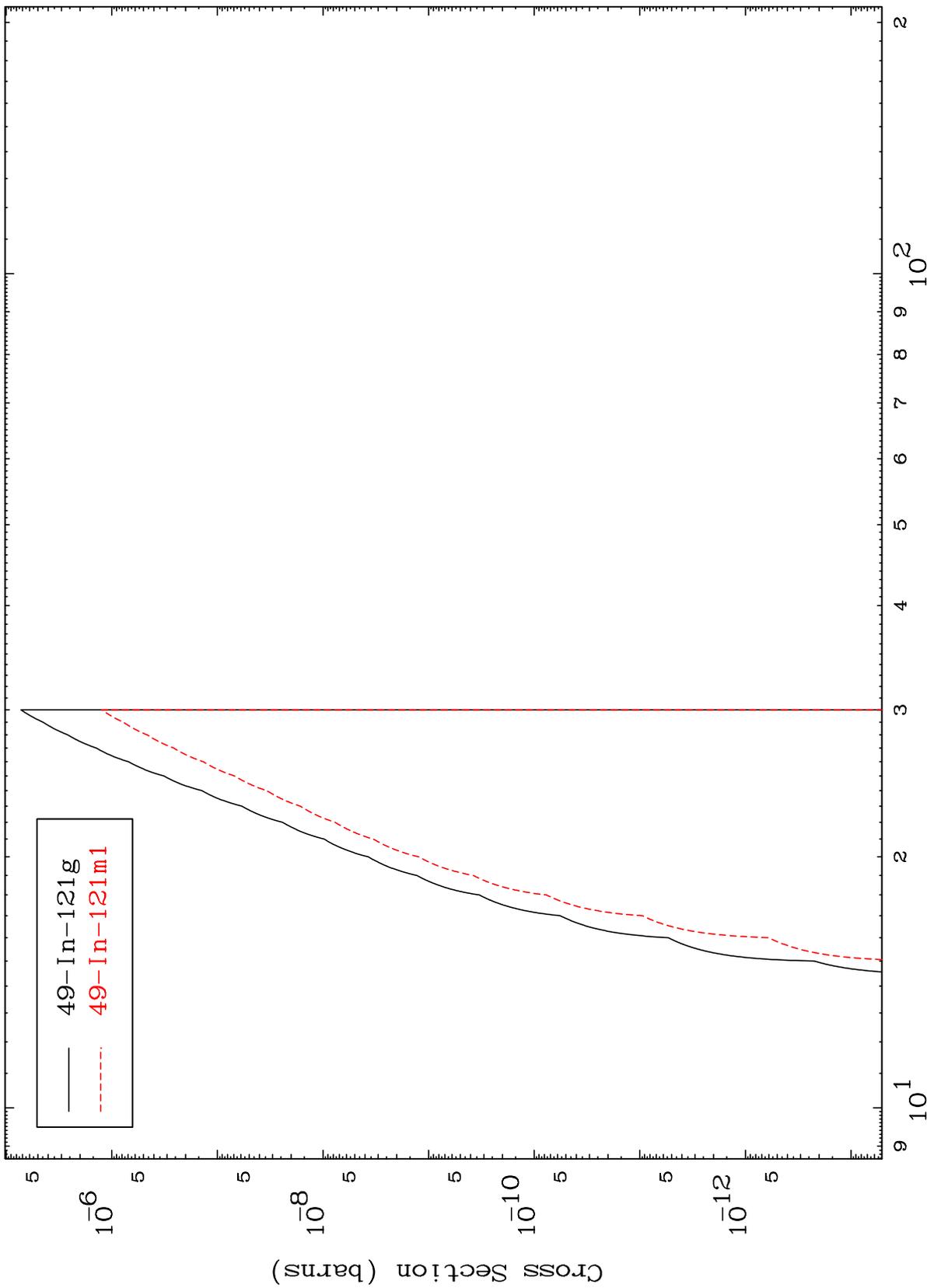
140

51-Sb-122

MAT 5128

51-Sb-122

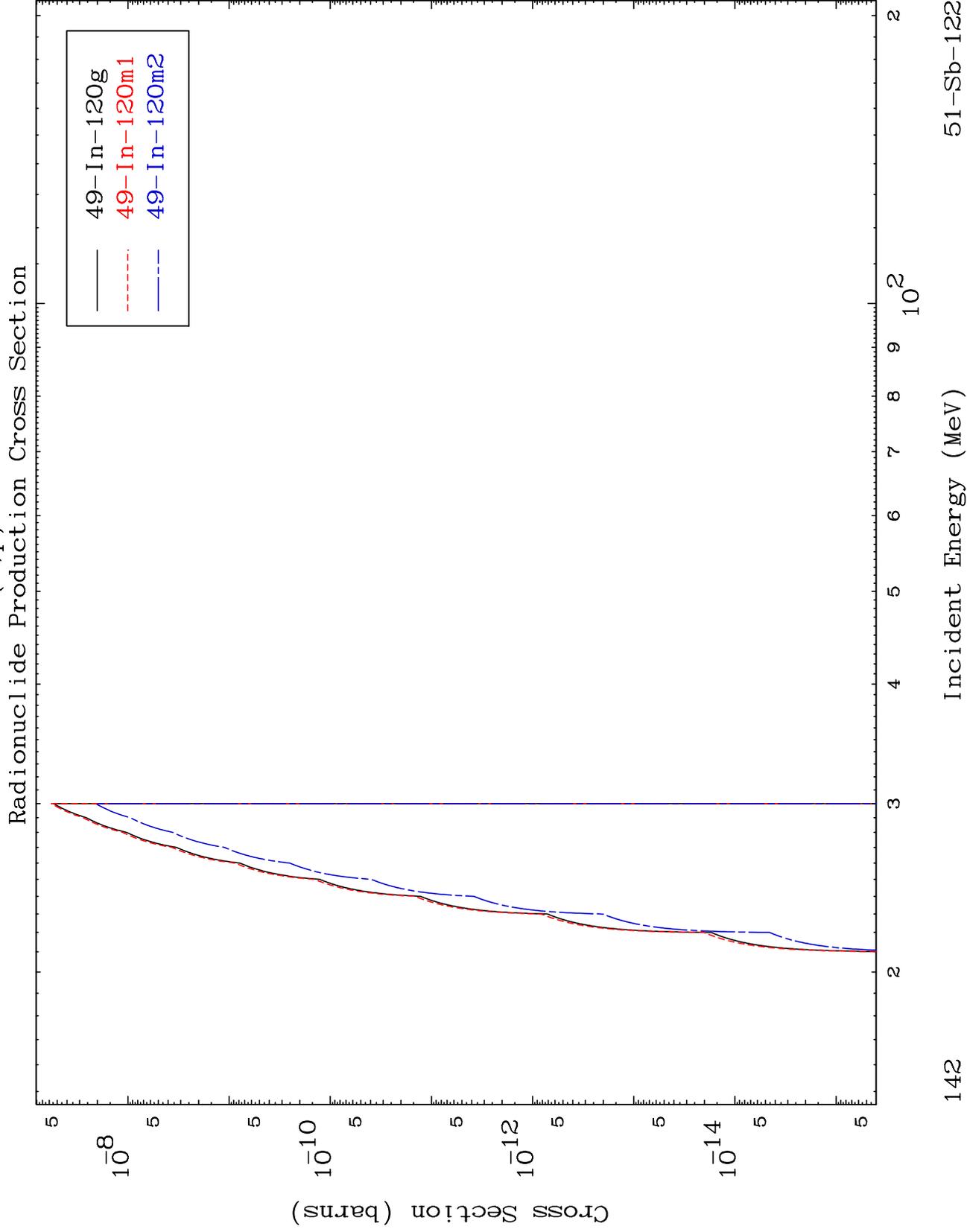
(n,2p)  
Radionuclide Production Cross Section



51-Sb-122

Incident Energy (MeV)

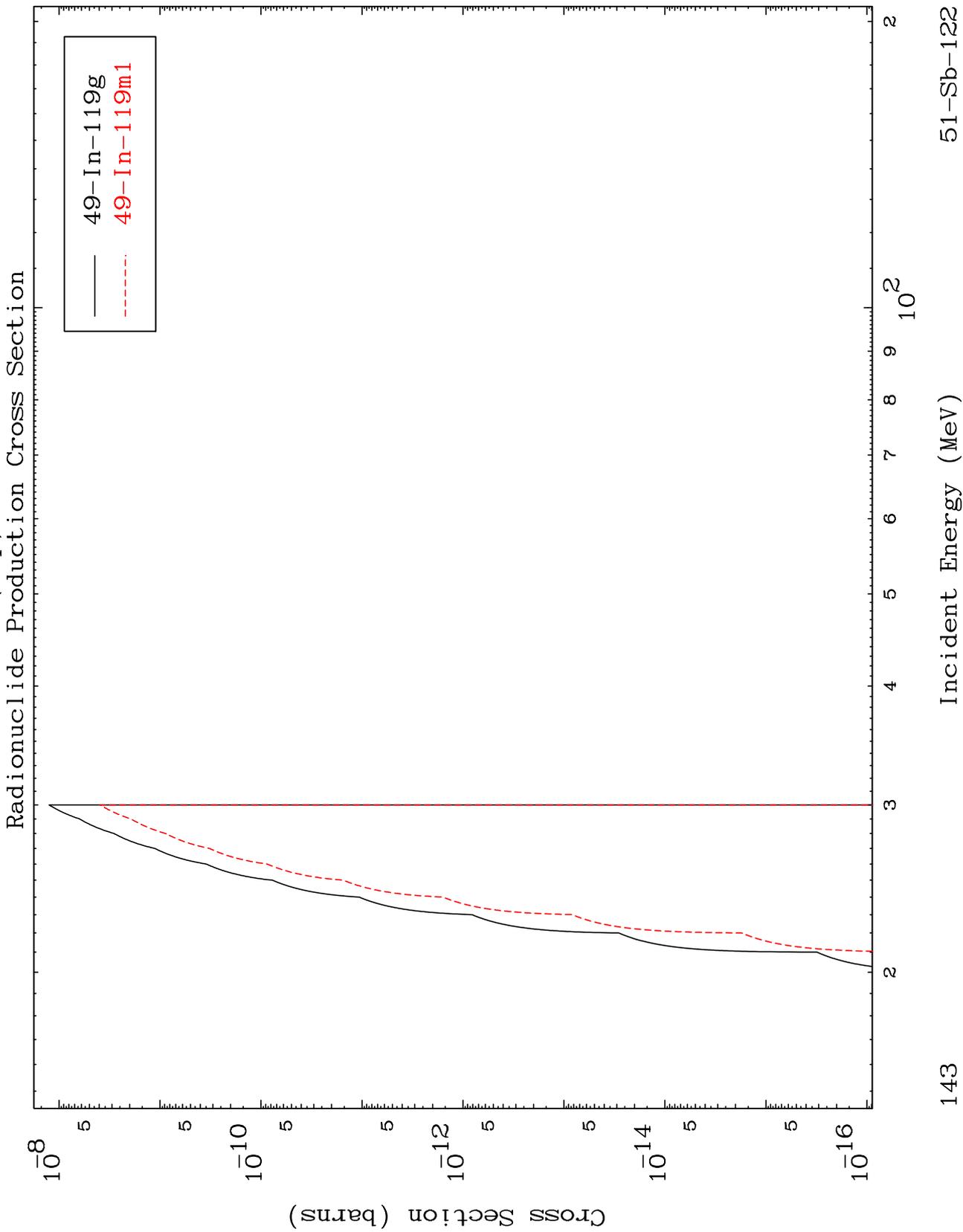
141



MAT 5128

(n,p) t

51-Sb-122



143

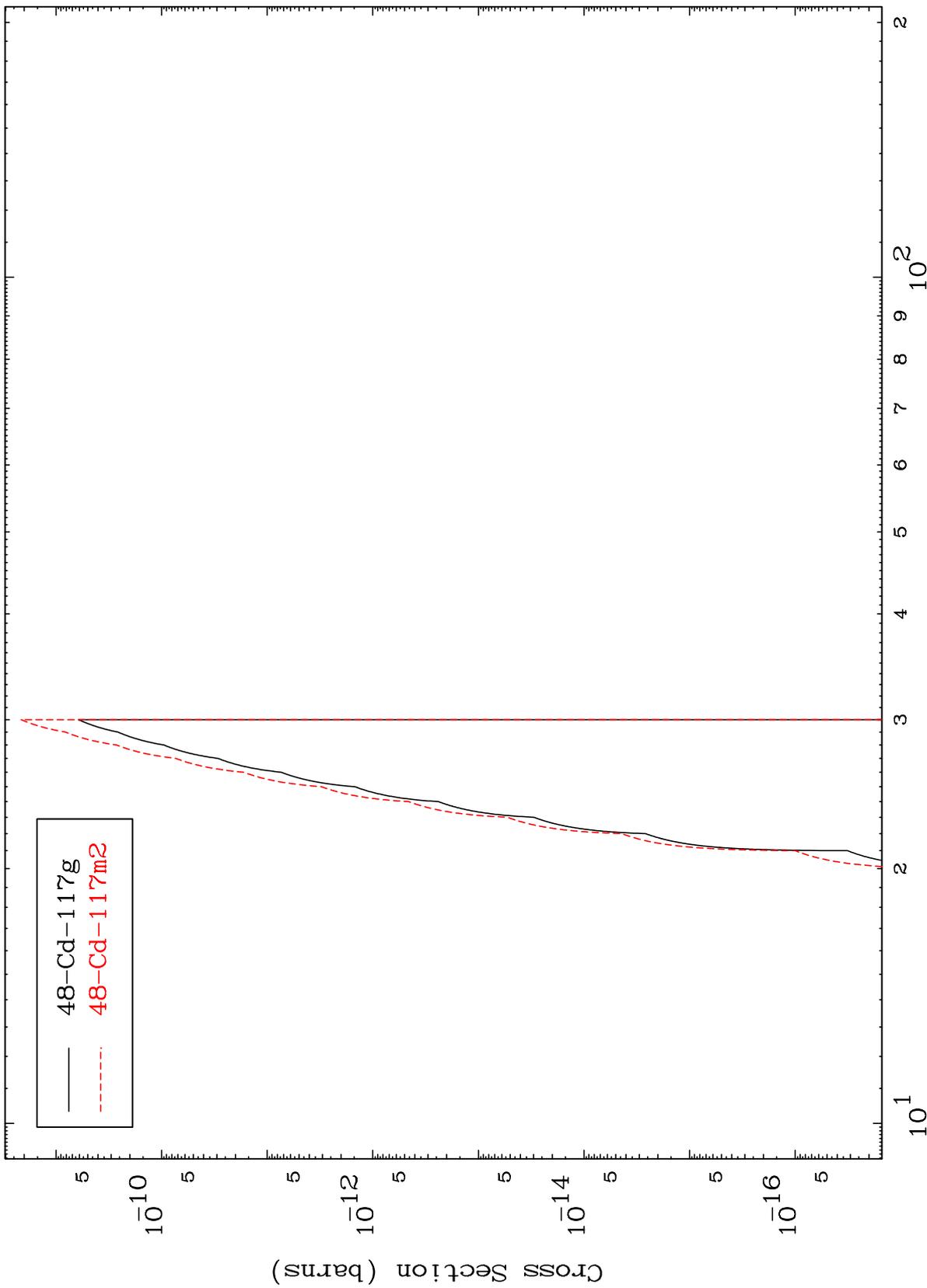
51-Sb-122

MAT 5128

(n,d)  $\alpha$

51-Sb-122

Radionuclide Production Cross Section



144

Incident Energy (MeV)

51-Sb-122