

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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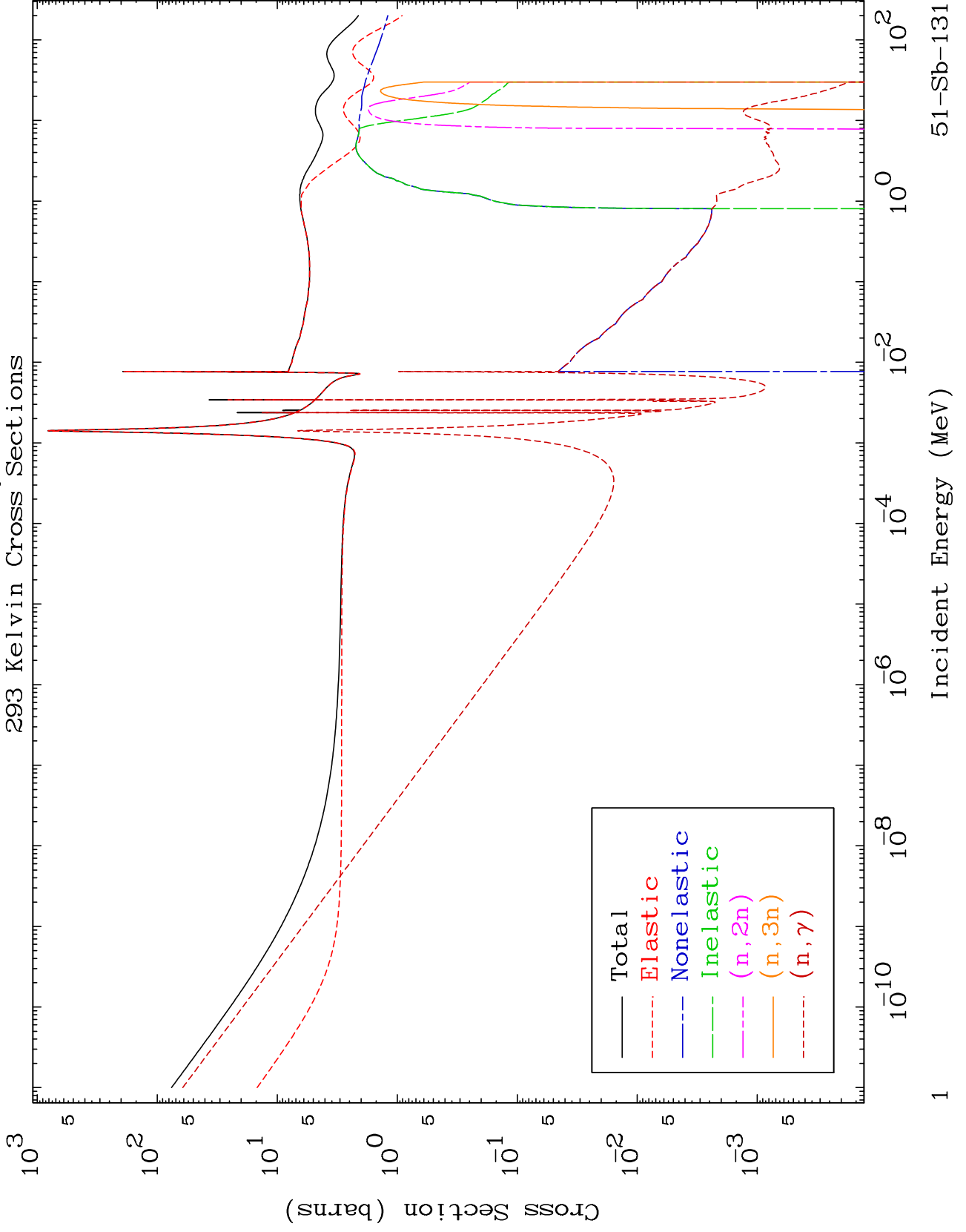
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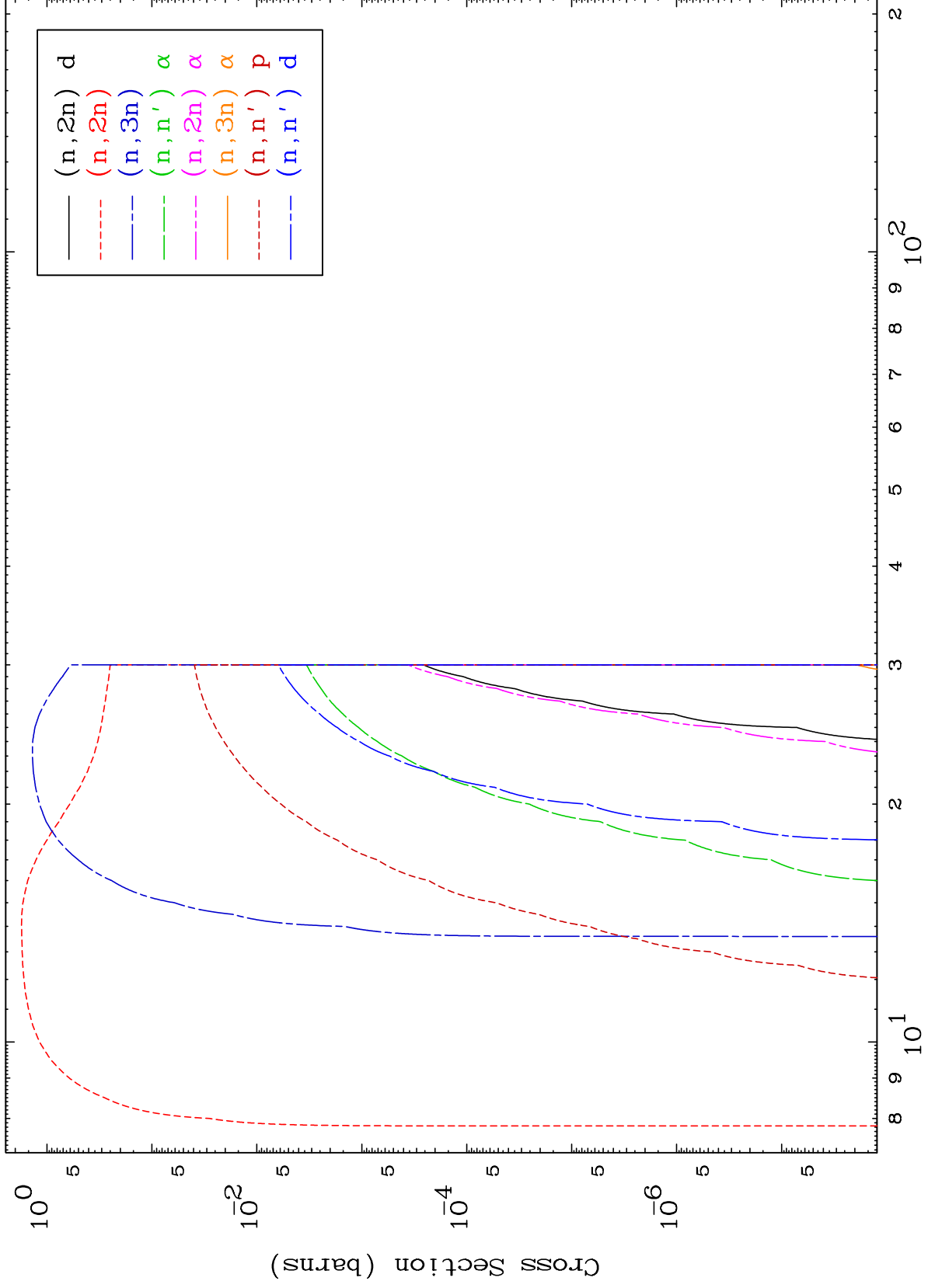
Press Mouse Button to Start

MAT 5155

Neutron Major  
293 Kelvin Cross Sections

51-Sb-131

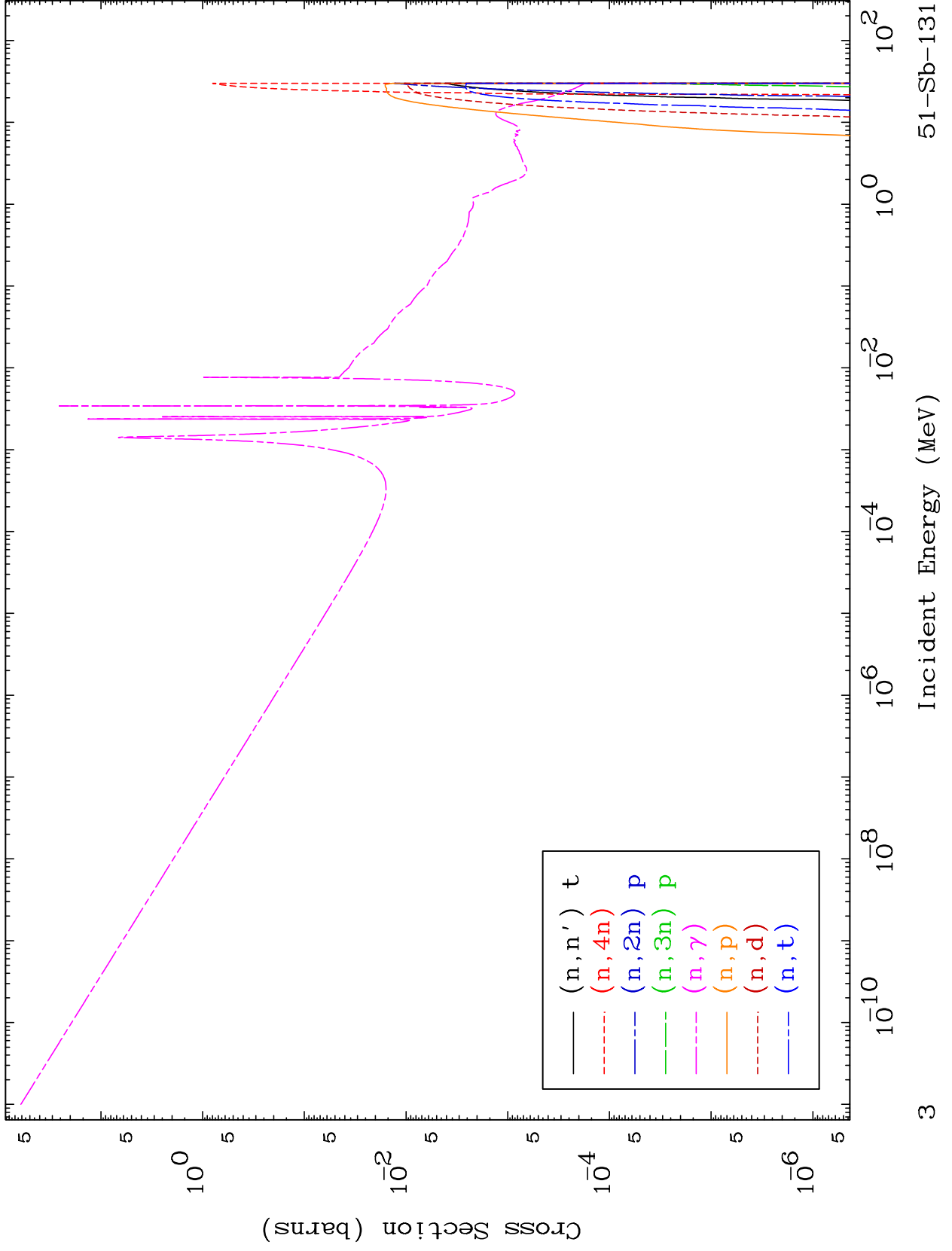


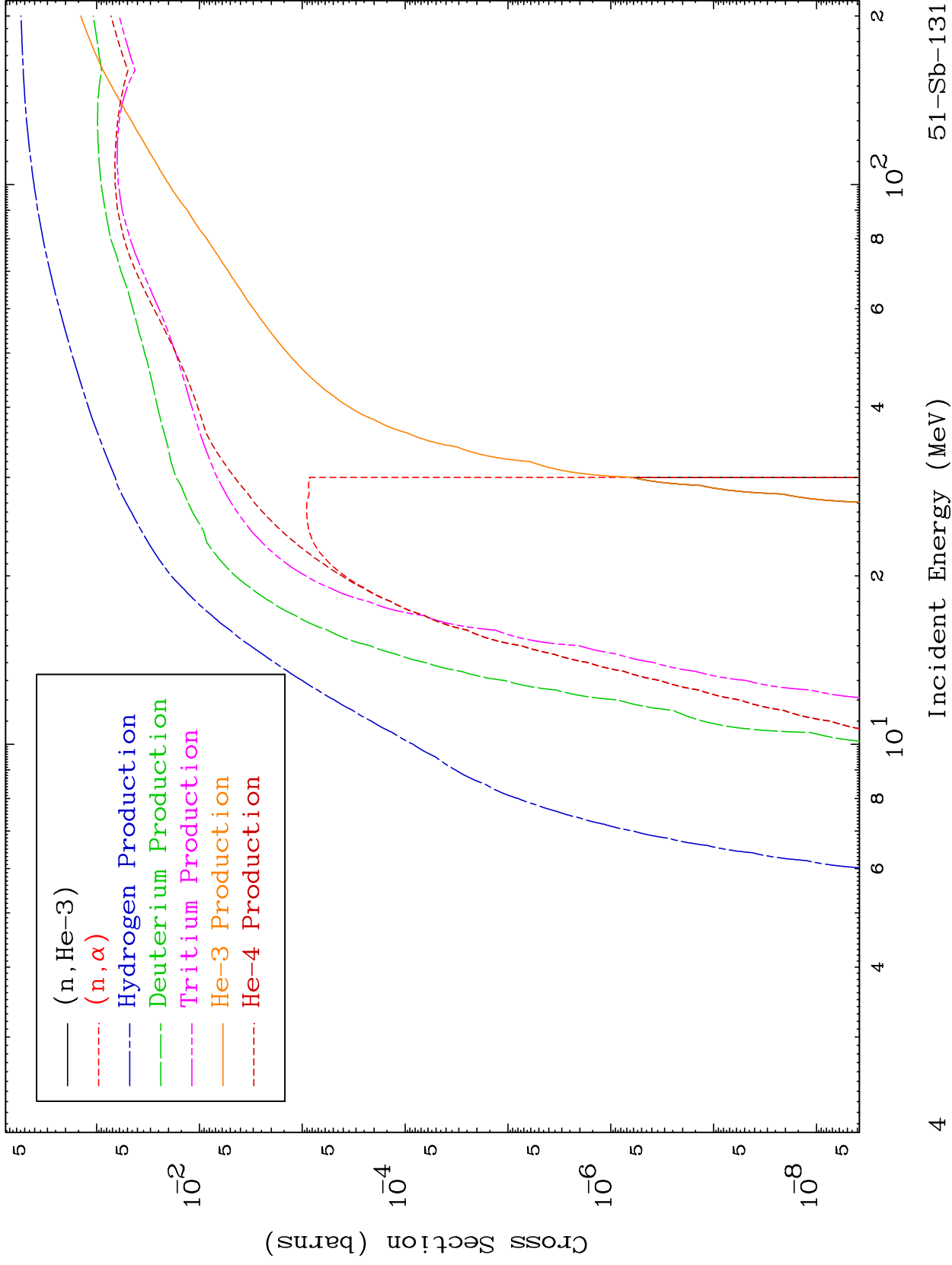


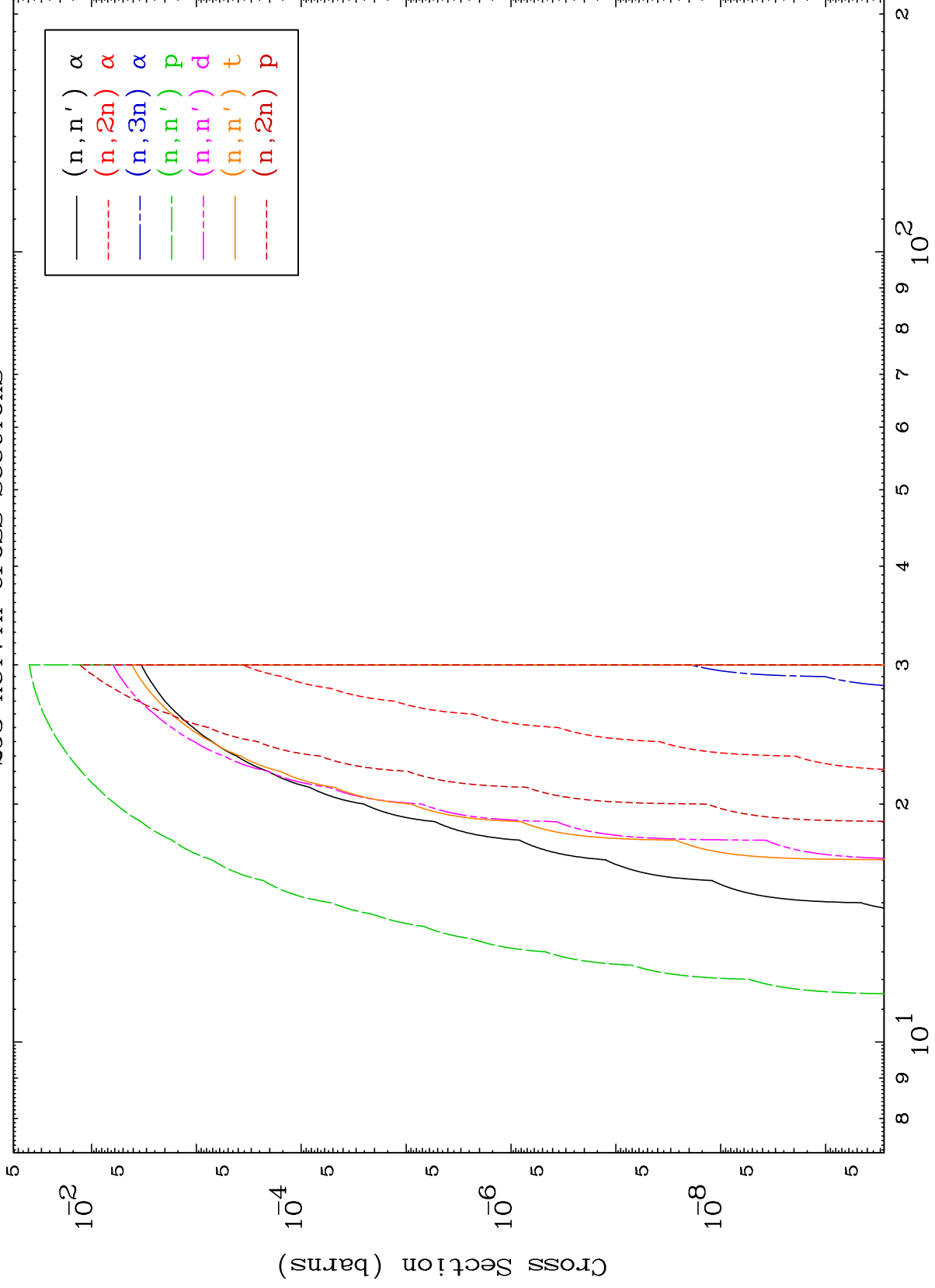
MAT 5155

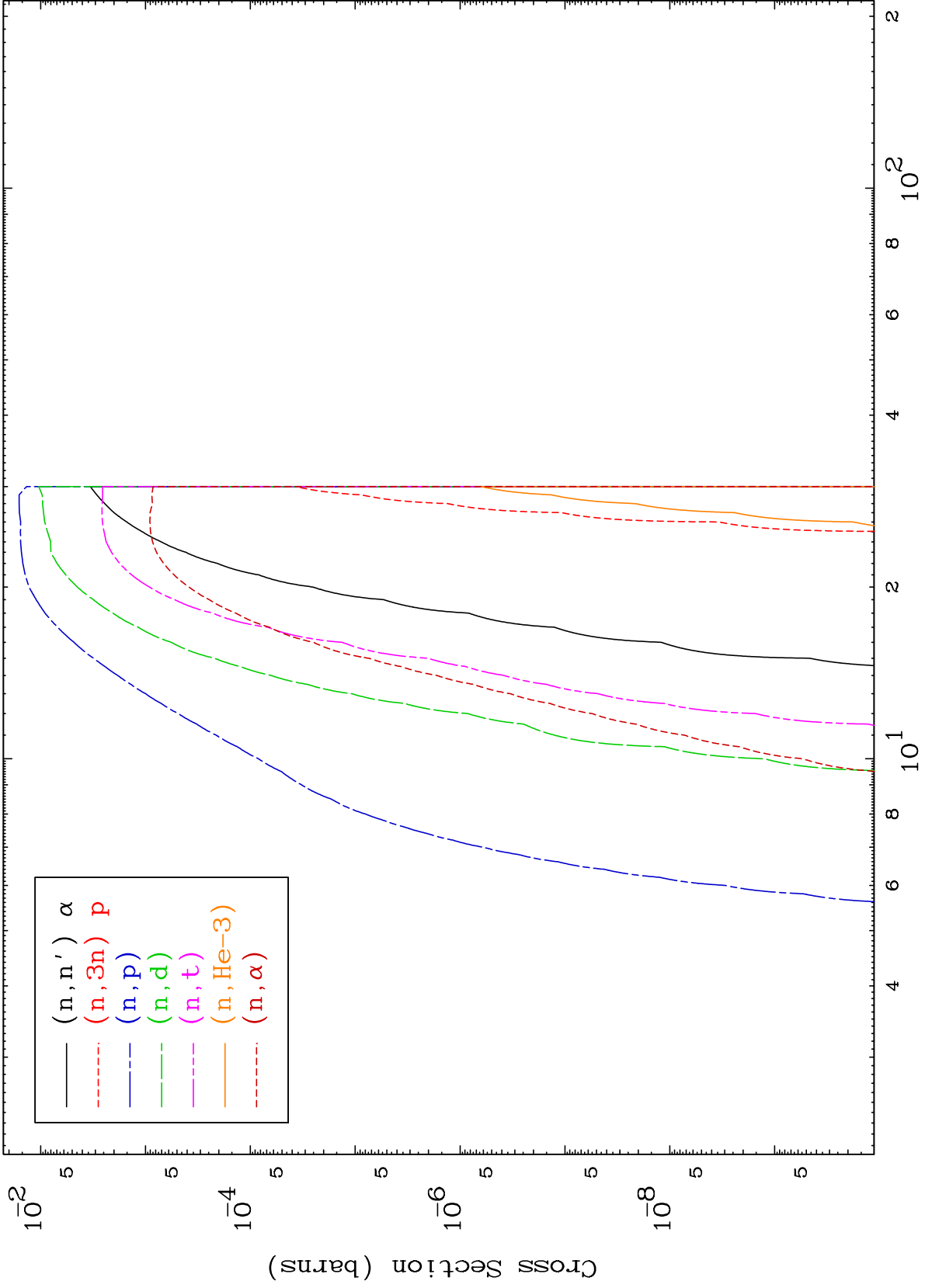
Neutron Absorption  
293 Kelvin Cross Sections

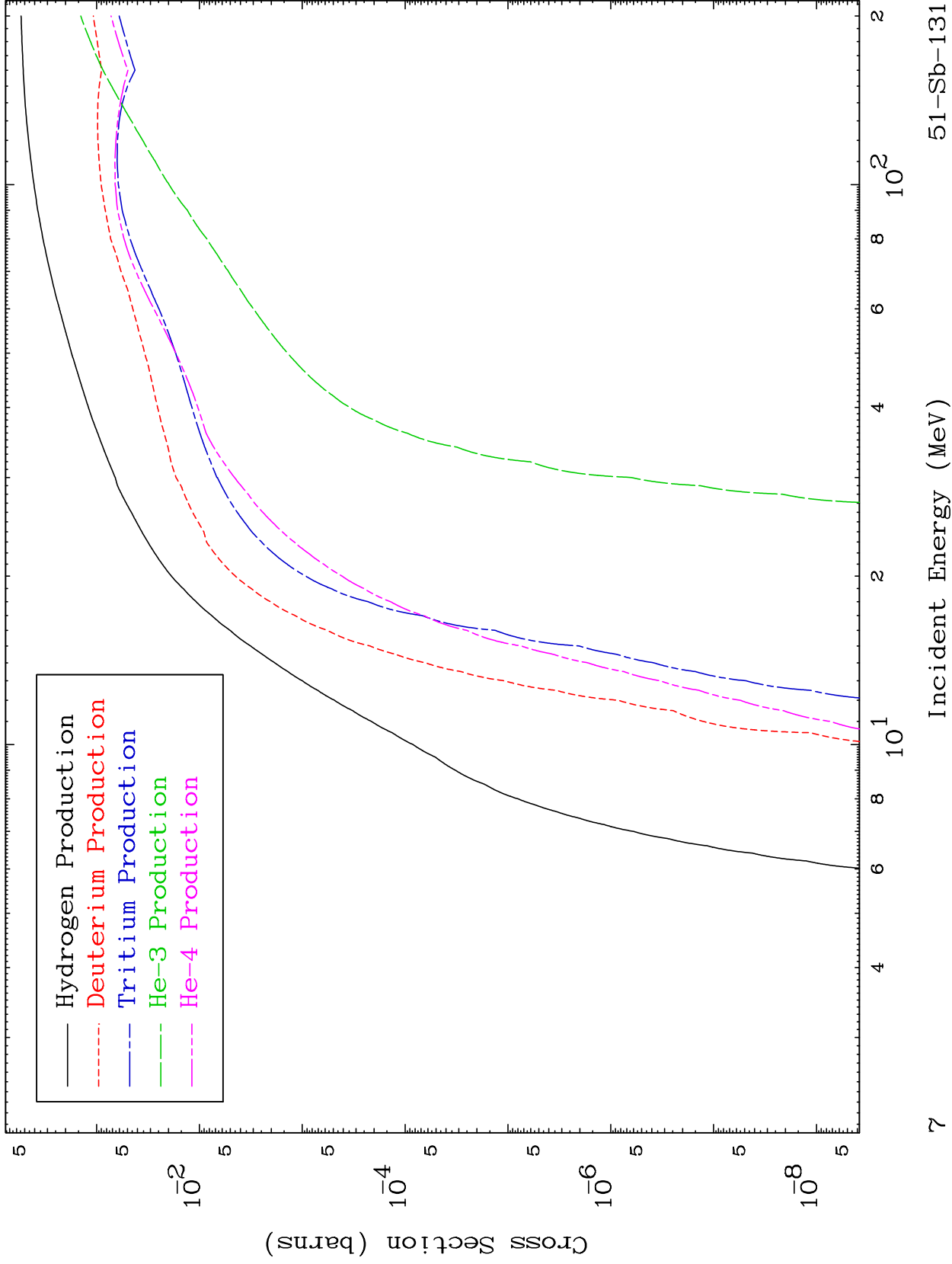
51-Sb-131









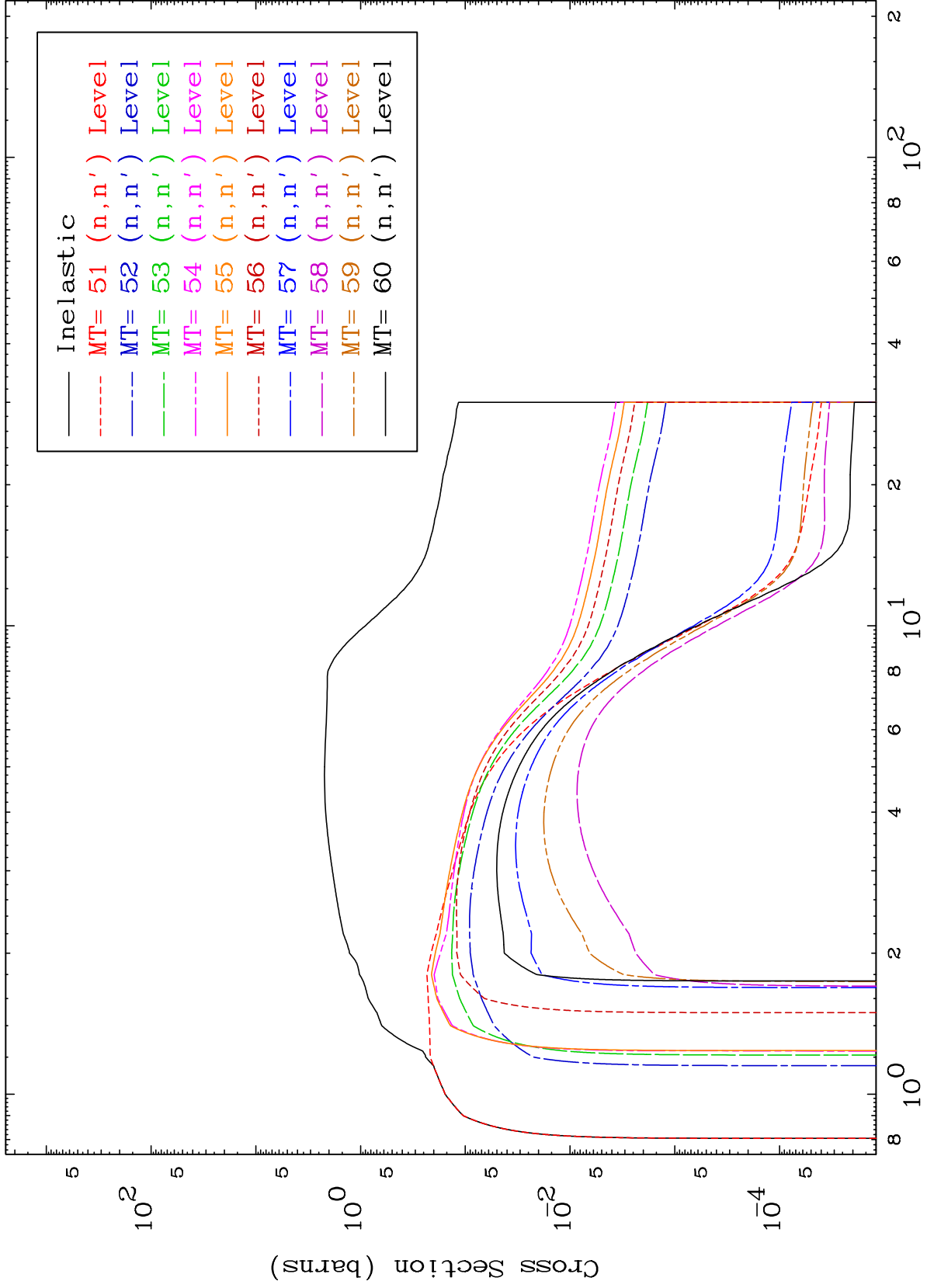


MAT 5155

(n,n') Levels

51-Sb-131

293 Kelvin Cross Sections



8

Incident Energy (MeV)

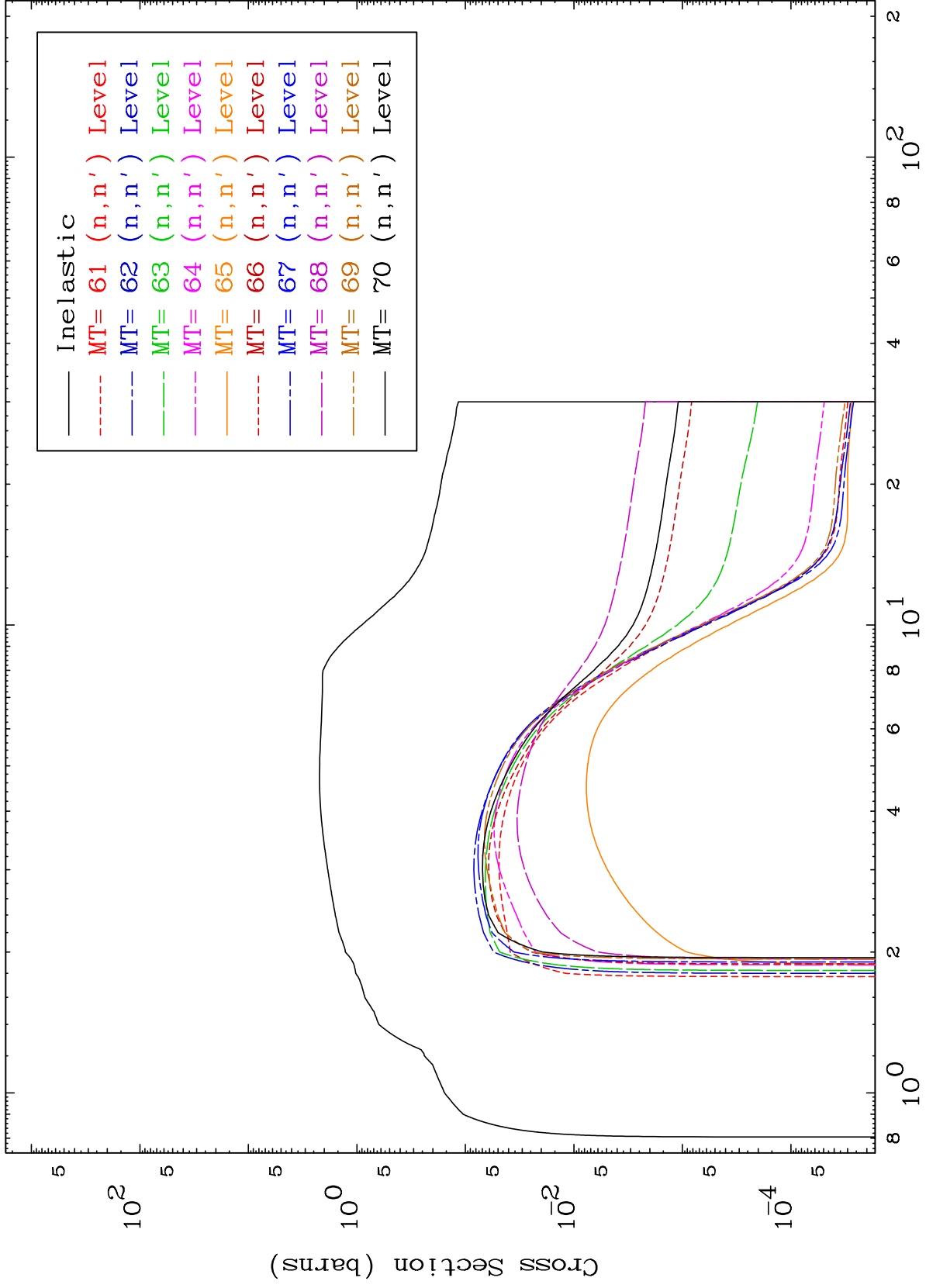
51-Sb-131

MAT 5155

(n,n') Levels

51-Sb-131

293 Kelvin Cross Sections



9

Incident Energy (MeV)

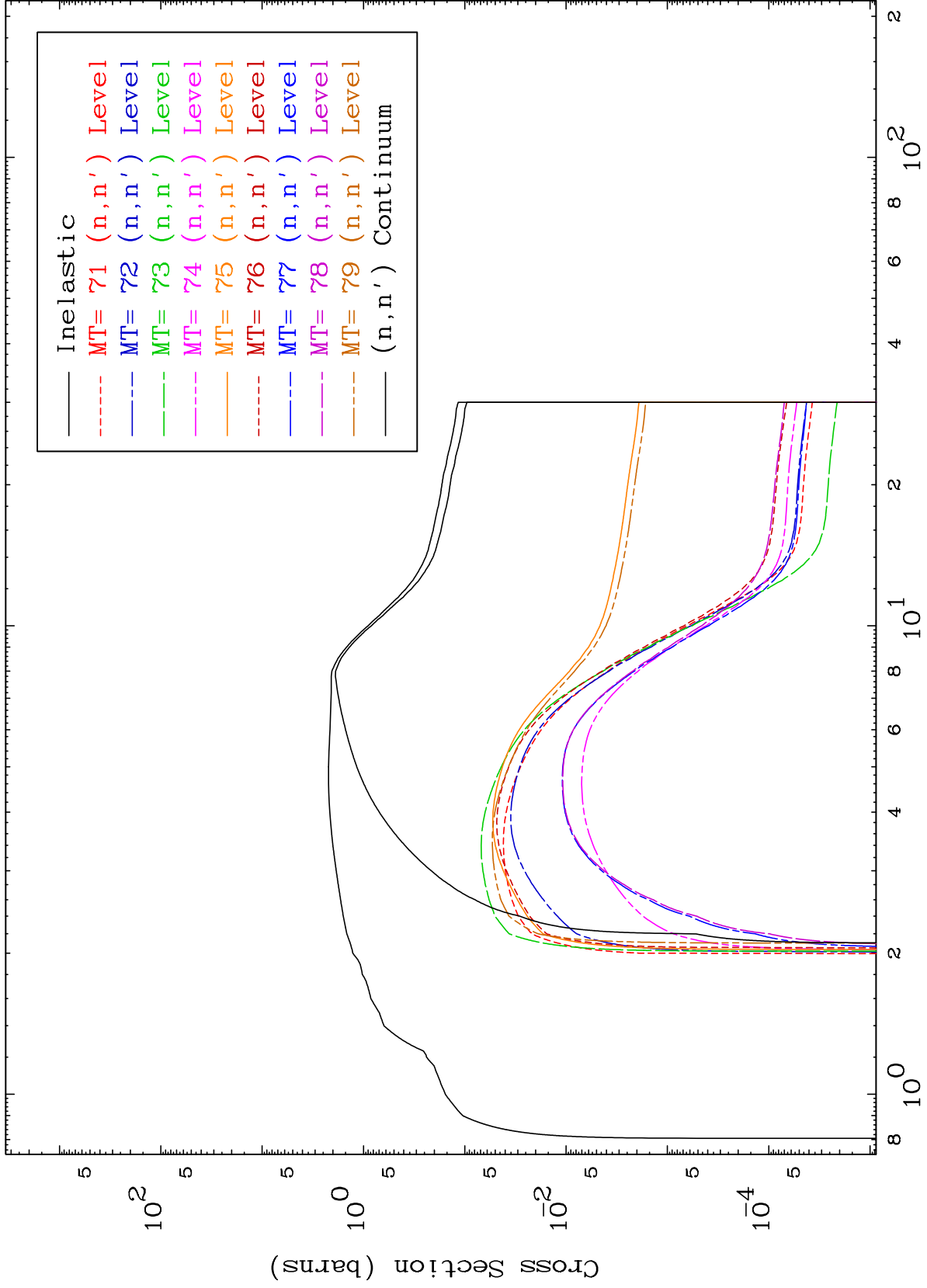
51-Sb-131

MAT 5155

(n,n') Levels

51-Sb-131

293 Kelvin Cross Sections



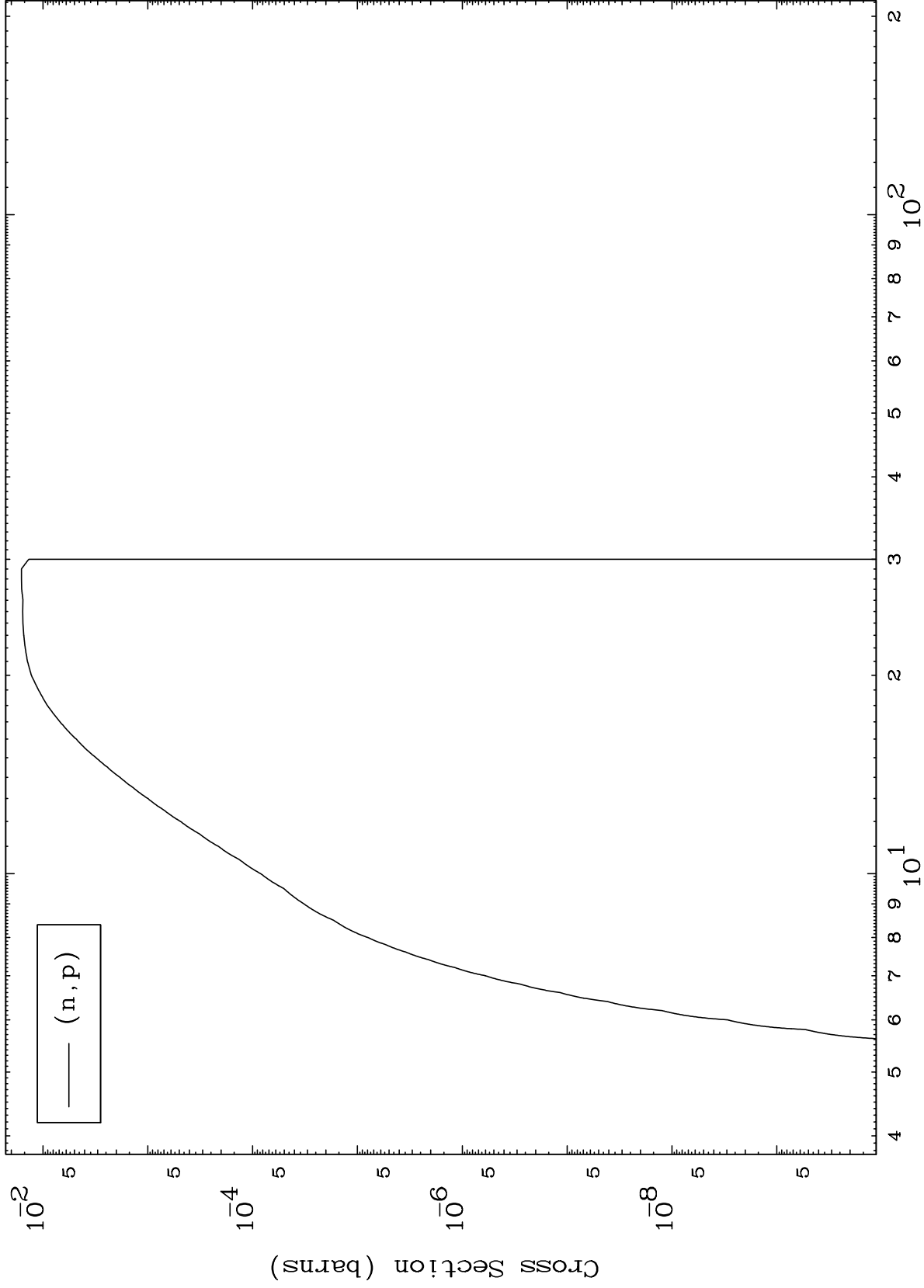
Incident Energy (MeV)

51-Sb-131

MAT 5155

(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-131



11

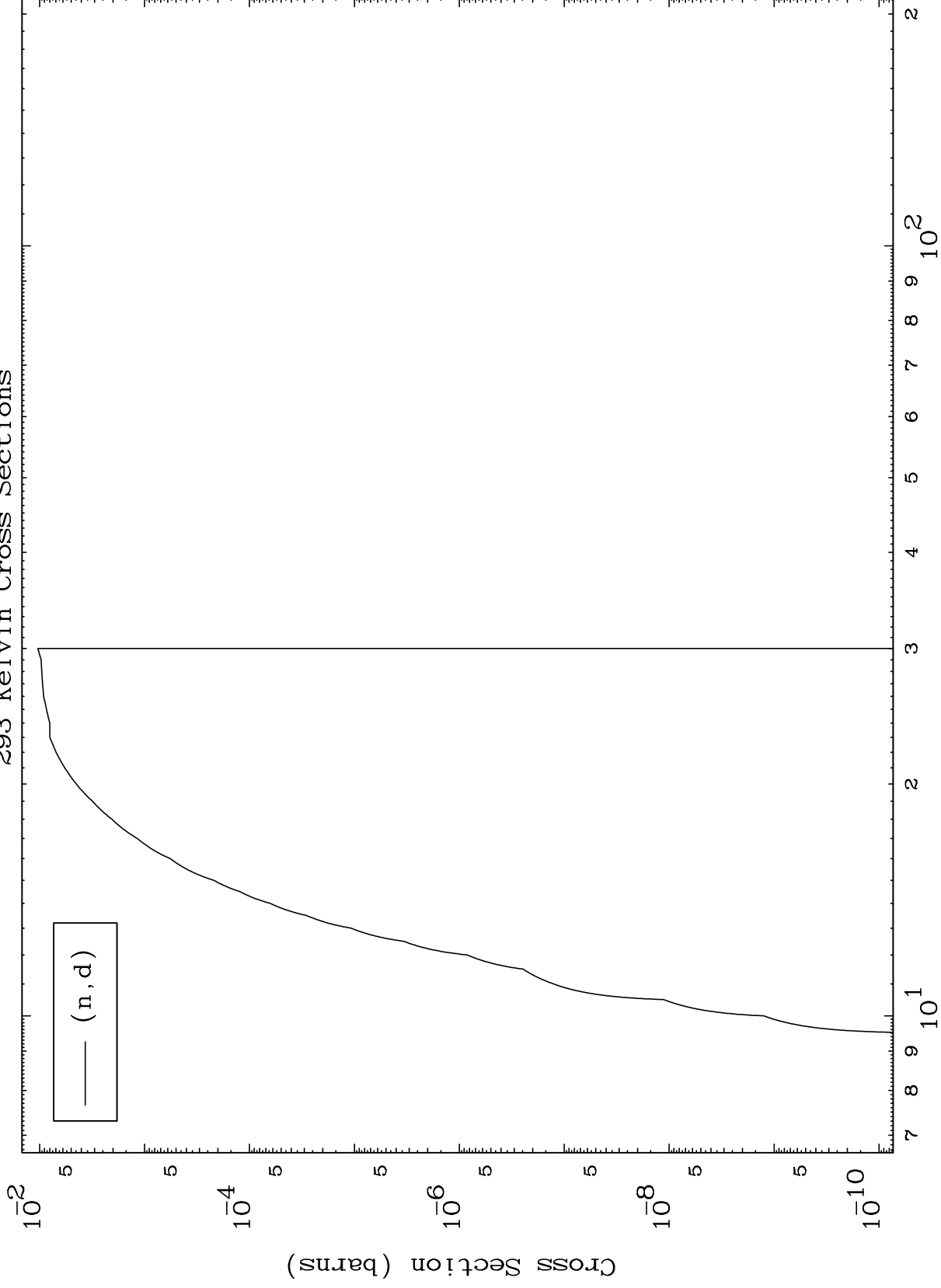
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51-Sb-131

MAT 5155

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-131



12

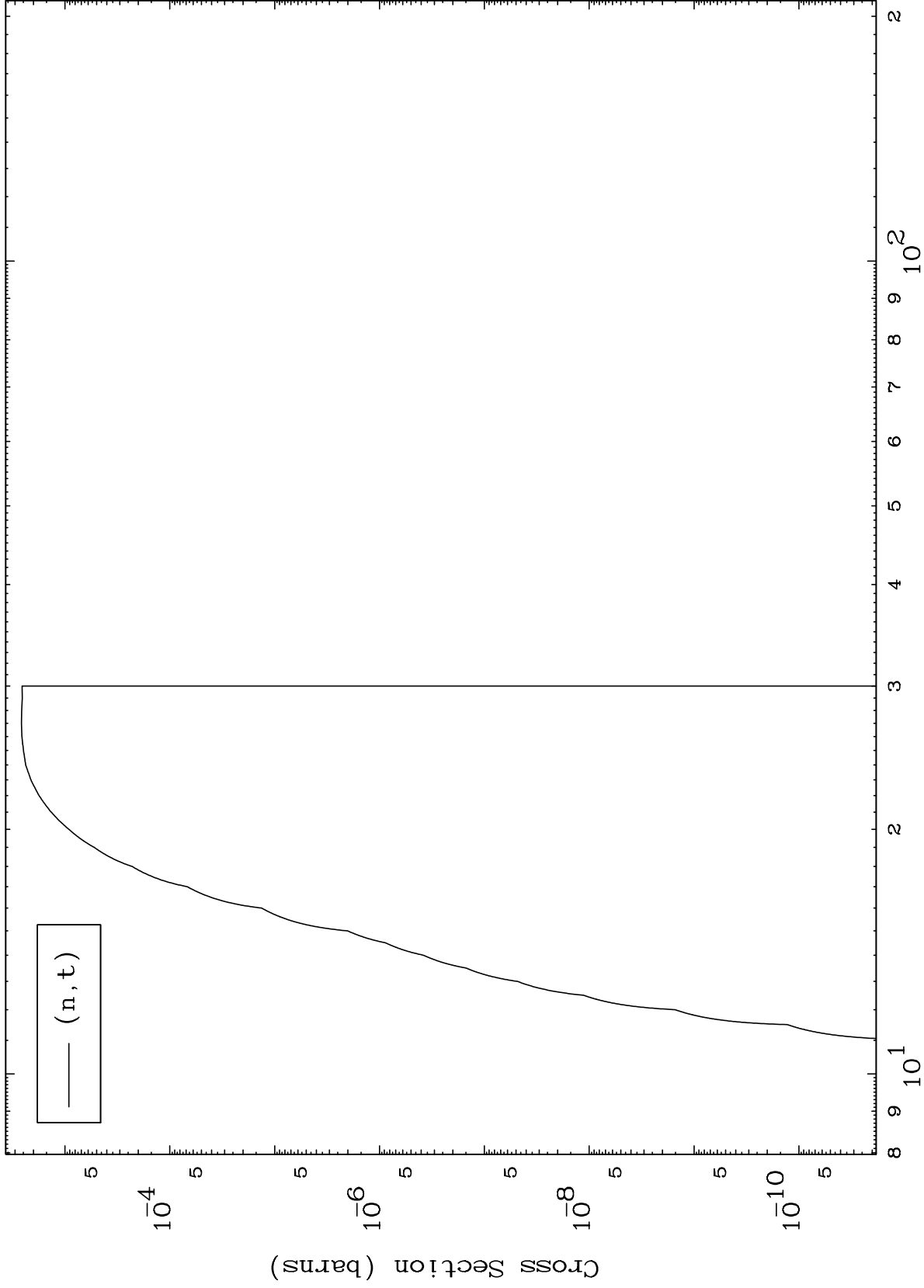
Incident Energy (MeV)

51-Sb-131

MAT 5155

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-131



13

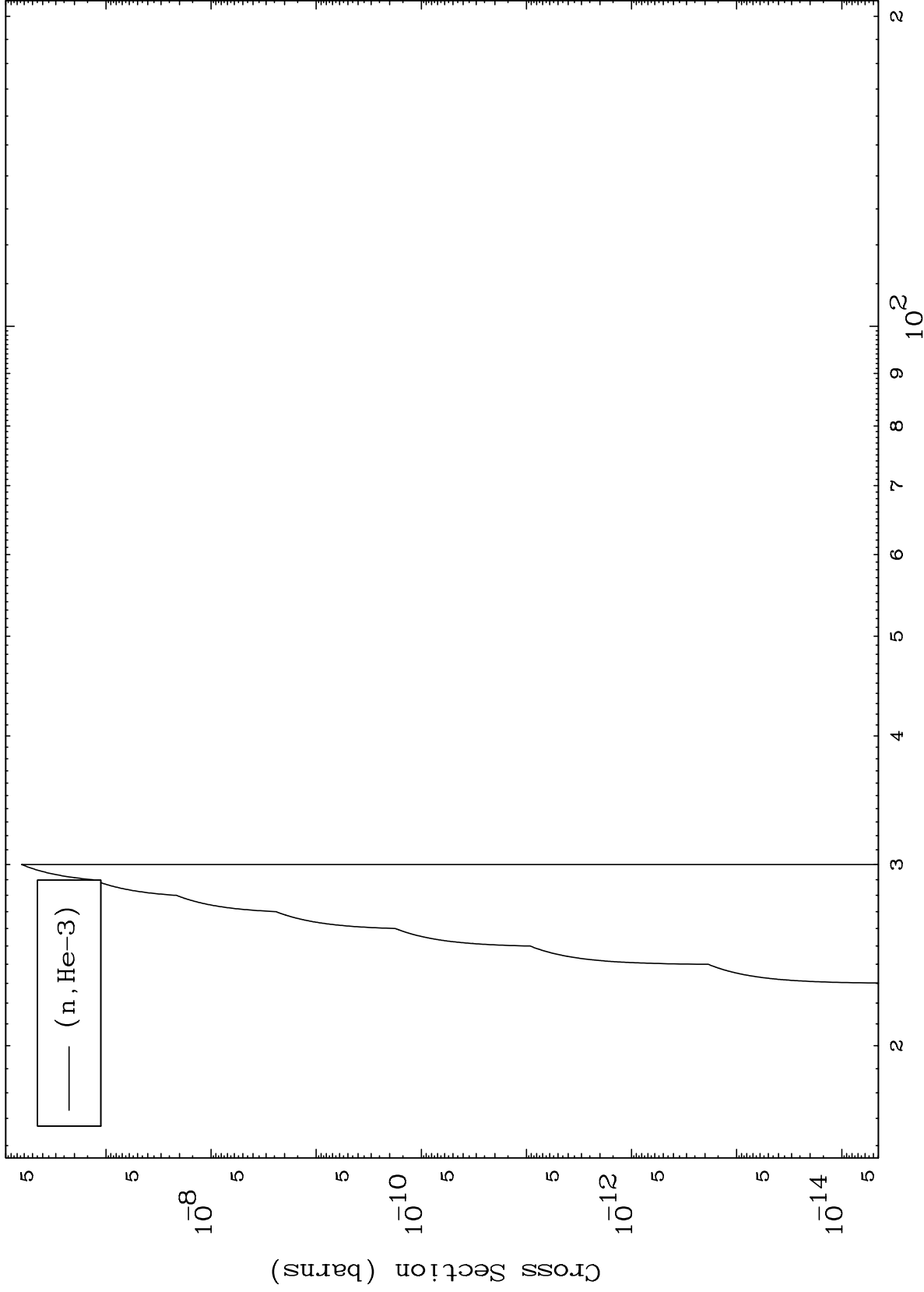
Incident Energy (MeV)

51-Sb-131

MAT 5155

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-131



14

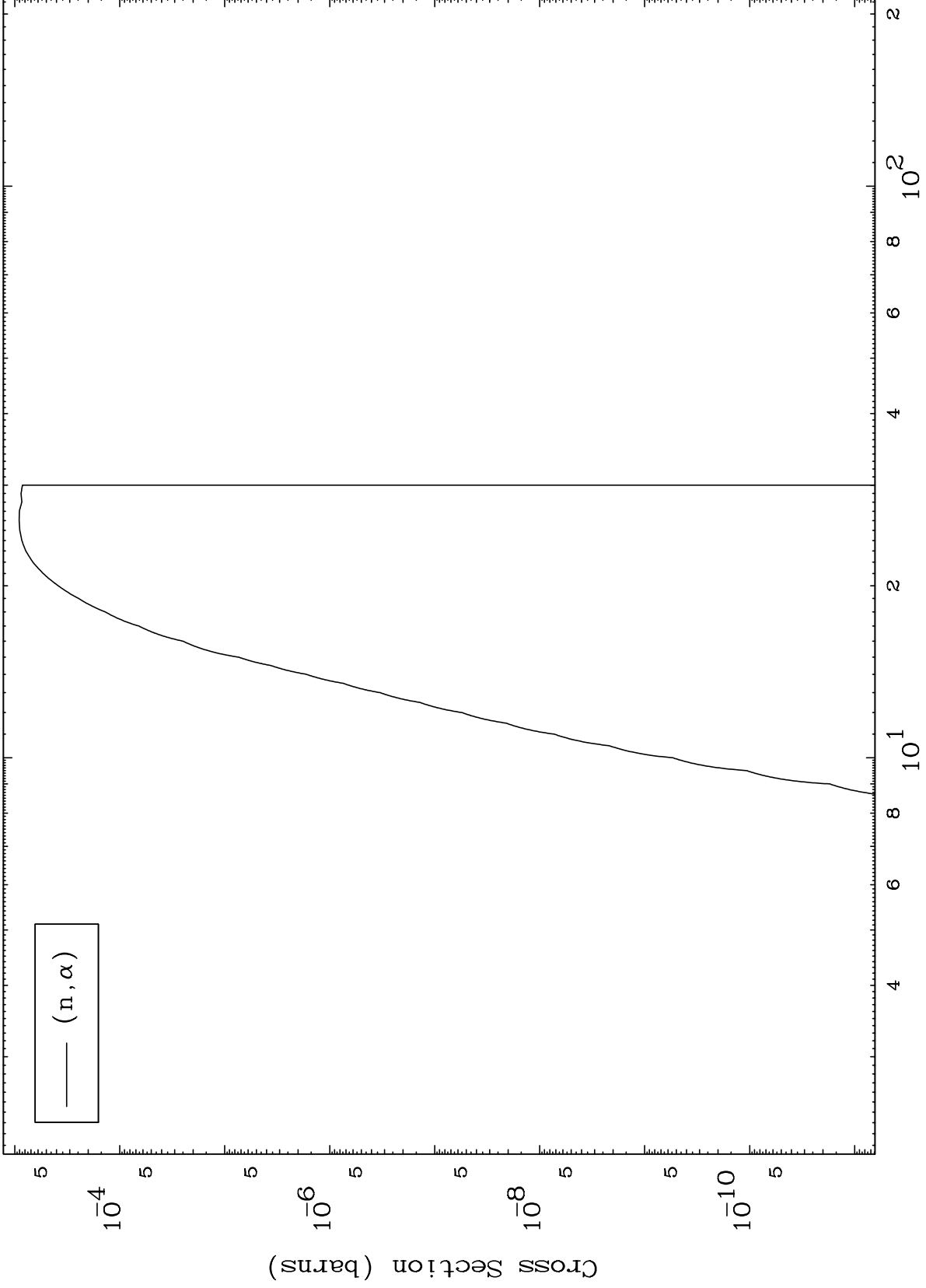
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

51-Sb-131



15

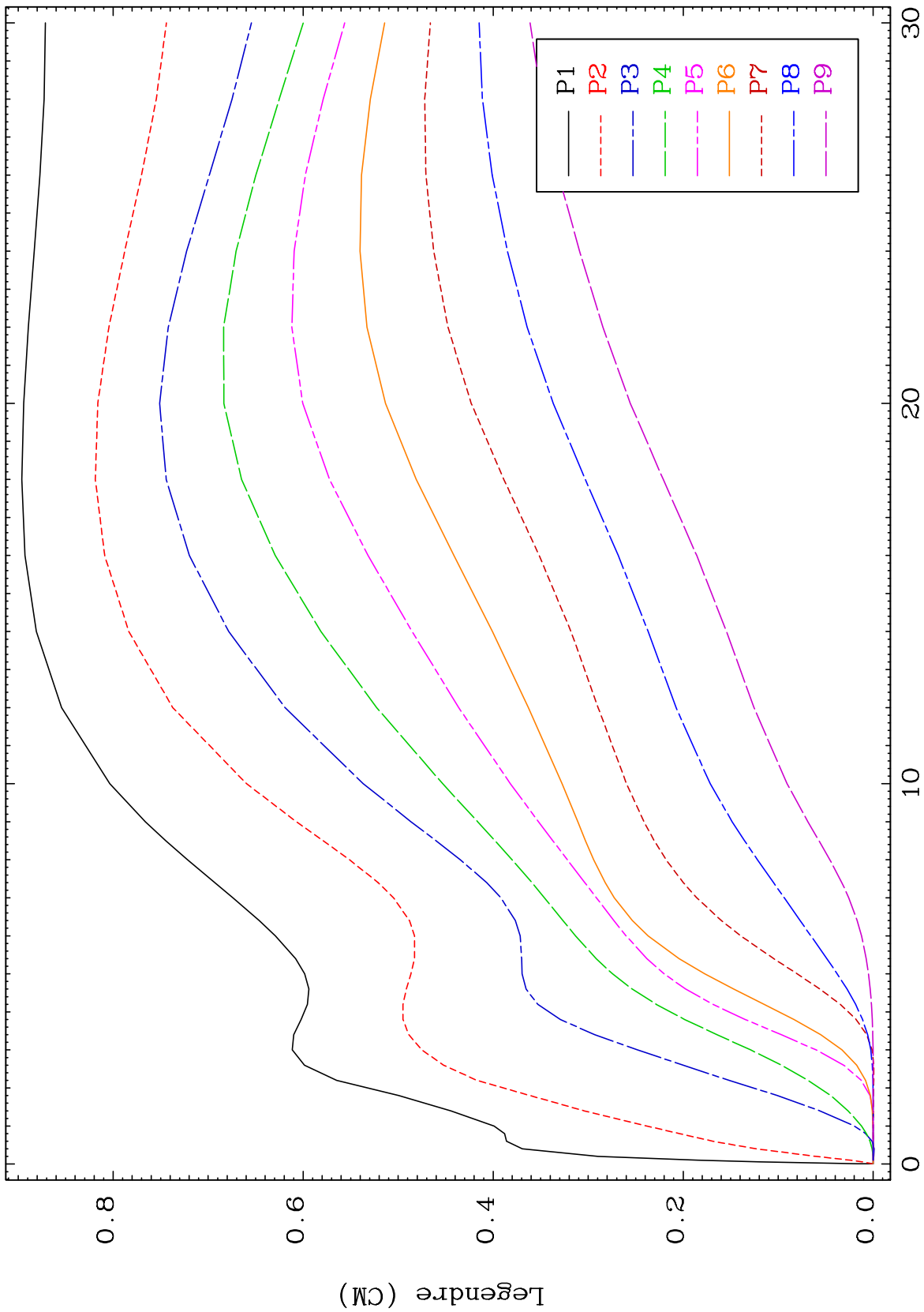
Incident Energy (MeV)

51-Sb-131

MAT 5155

51-Sb-131

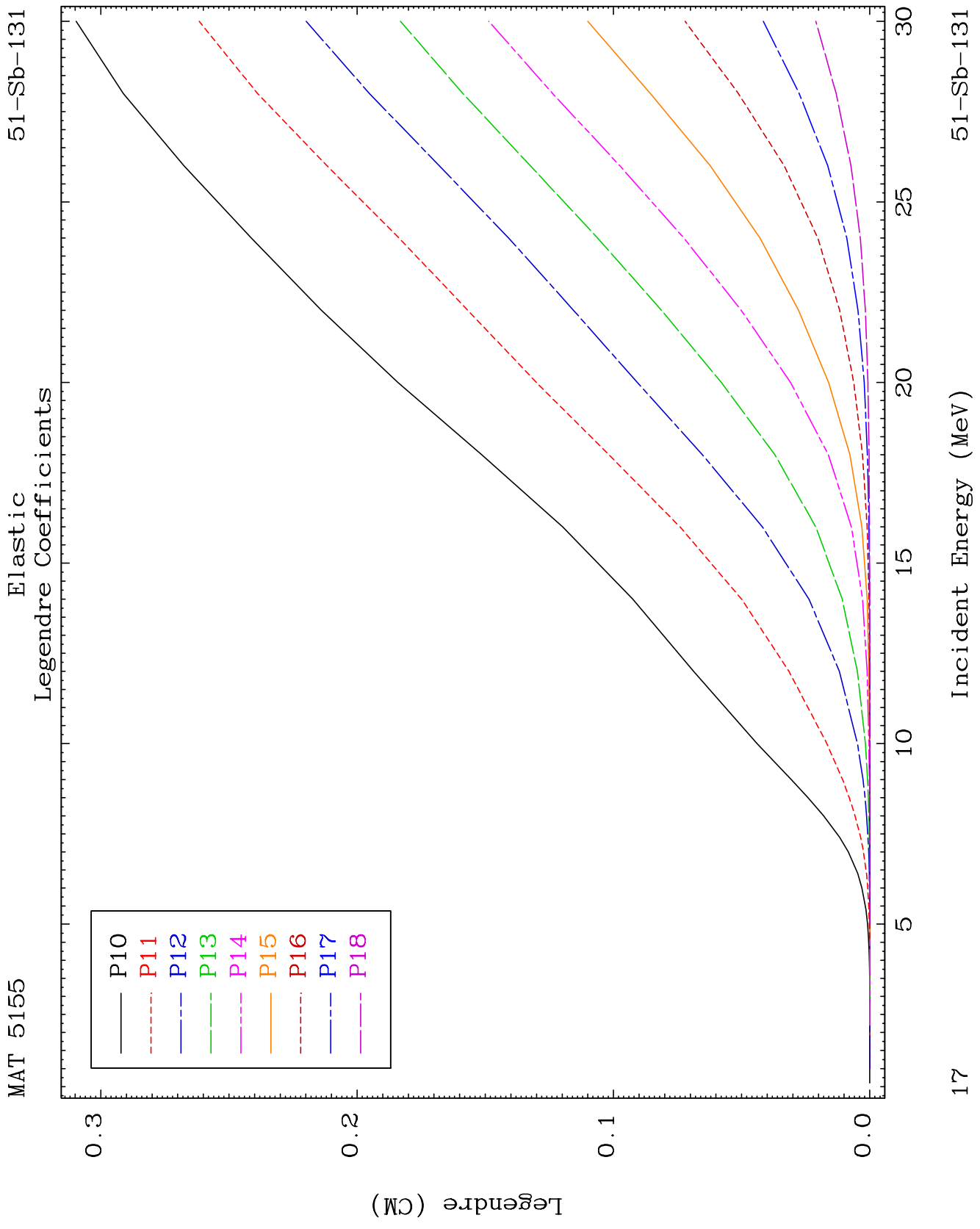
Elastic Legendre Coefficients



16

Incident Energy (MeV)

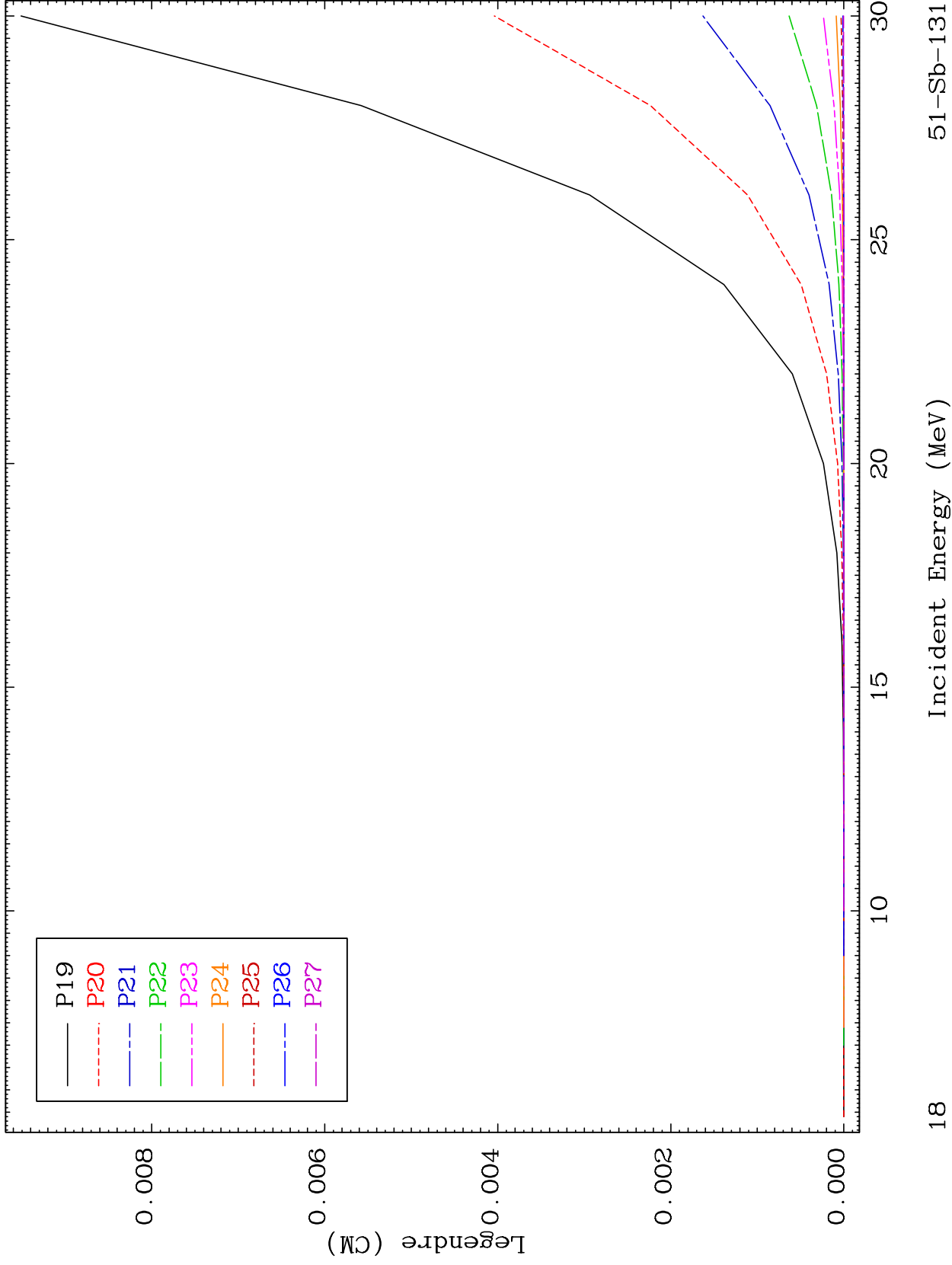
51-Sb-131



MAT 5155

### Elastic Legendre Coefficients

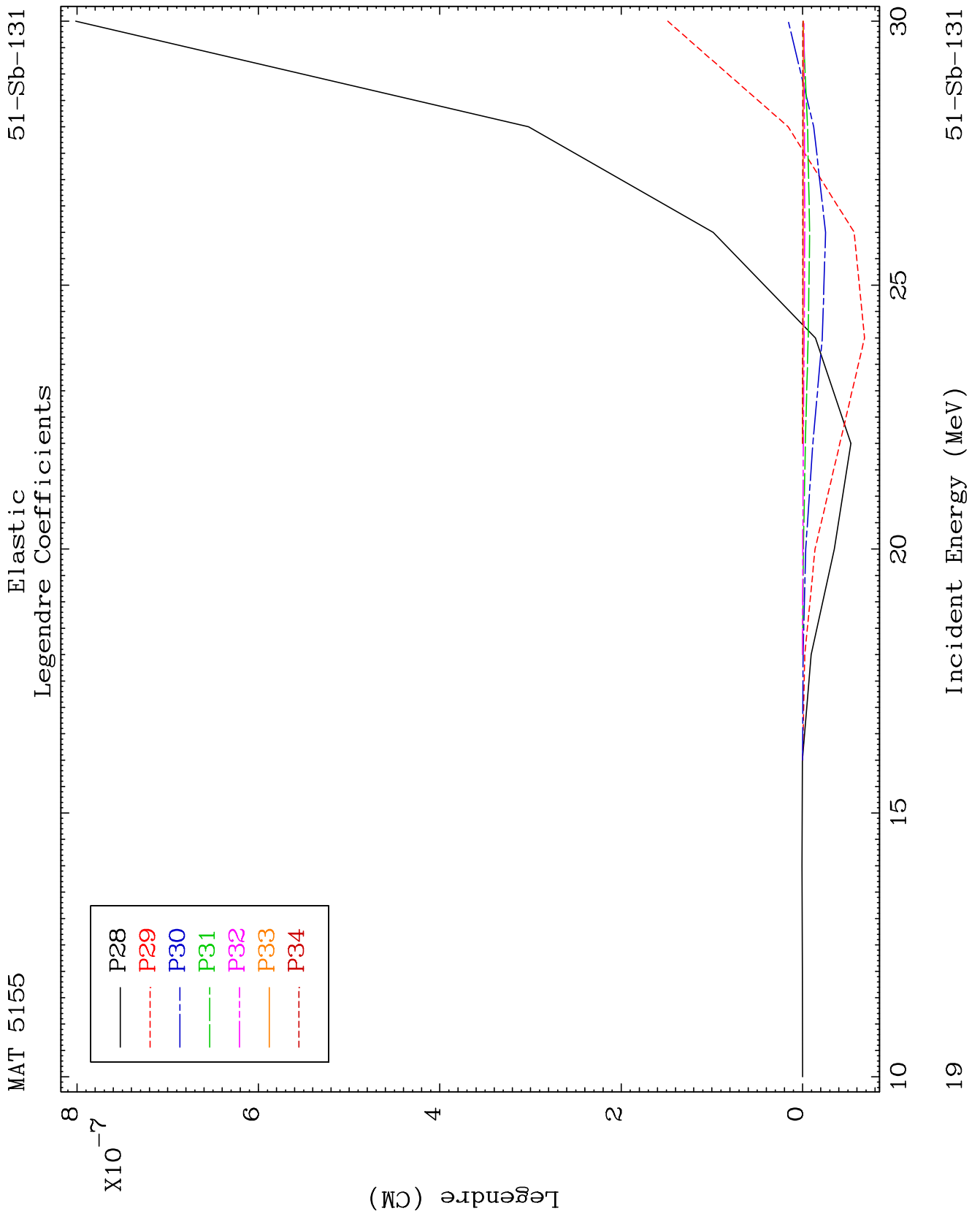
51-Sb-131

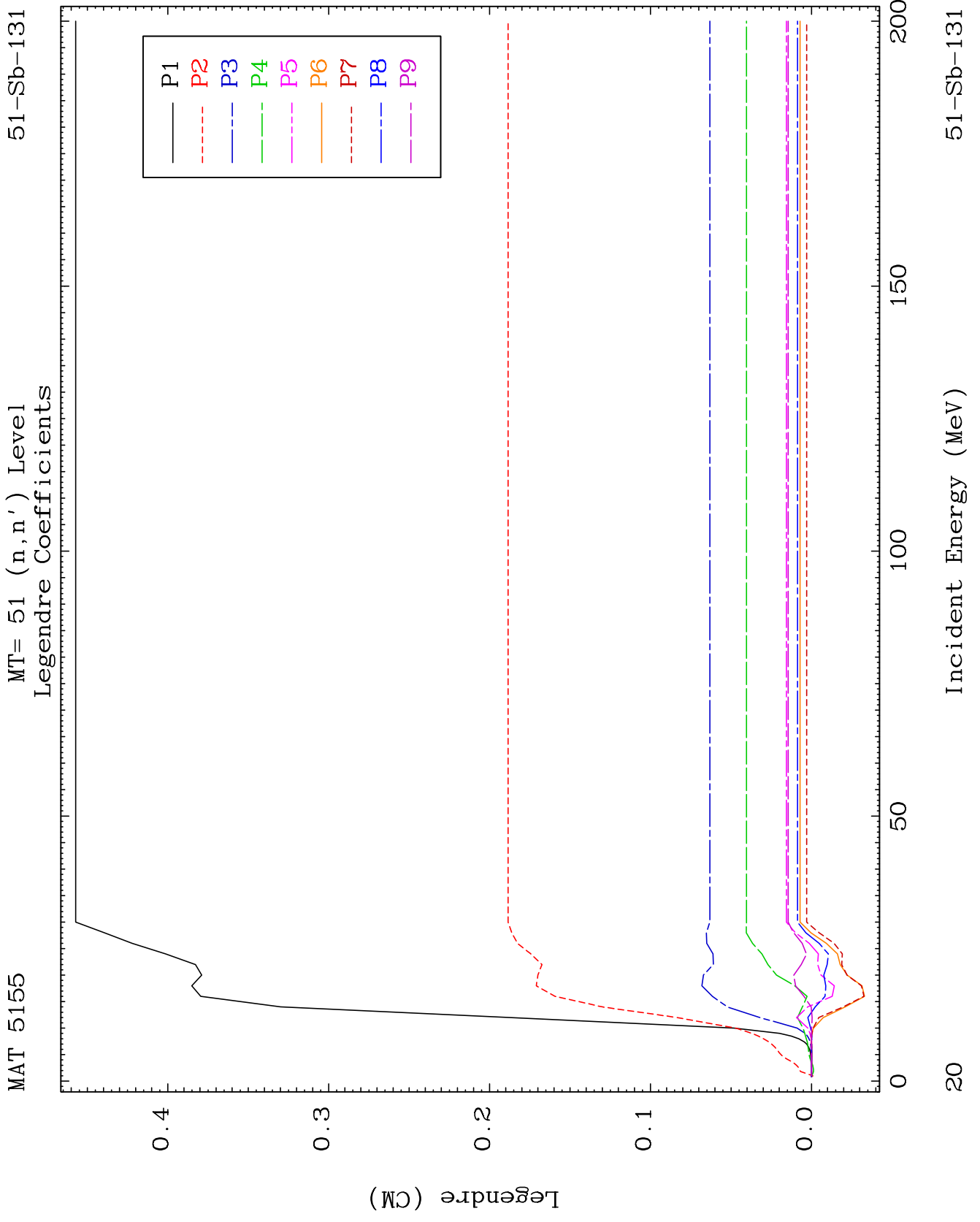


18

Incident Energy (MeV)

51-Sb-131

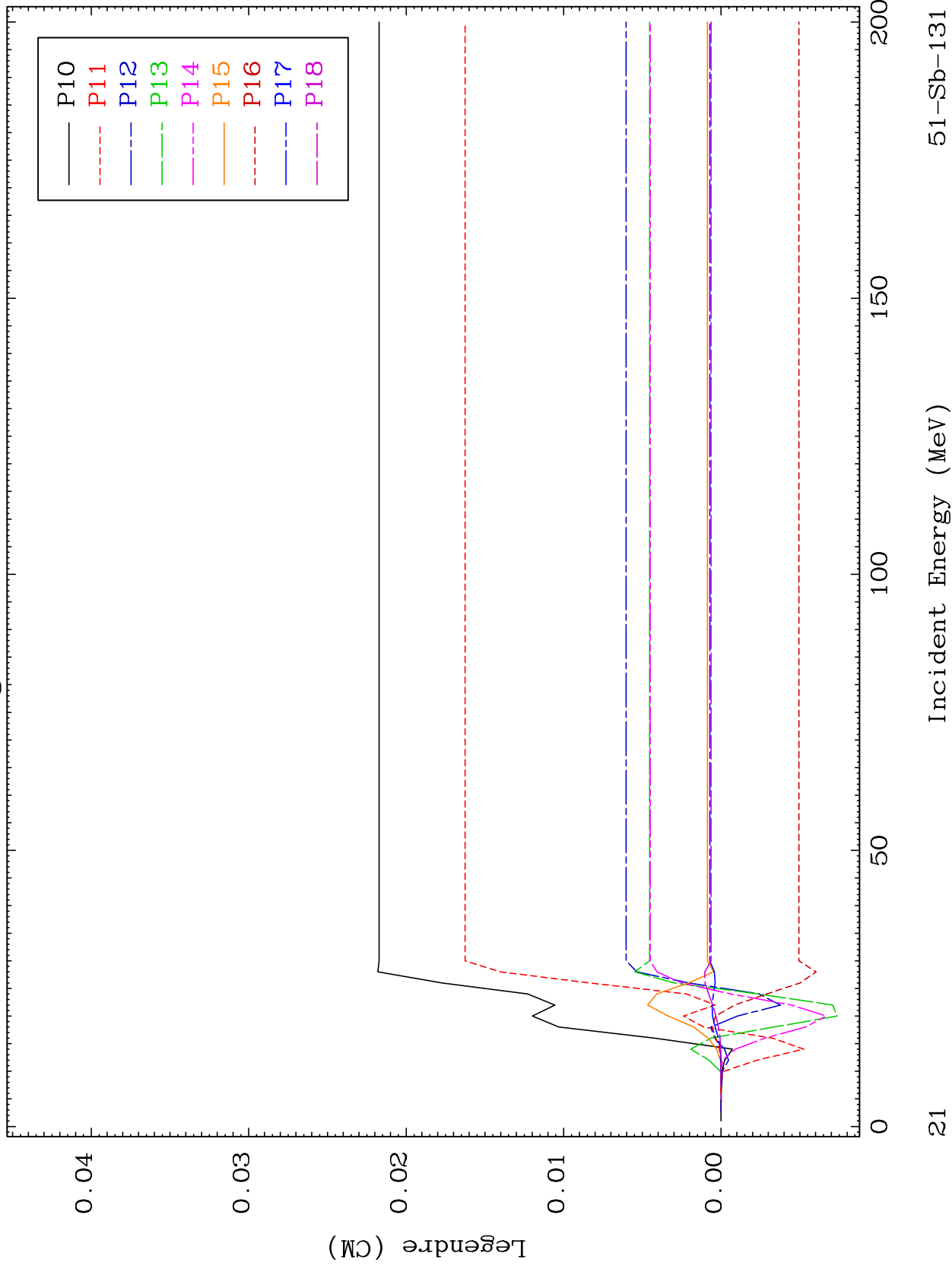




MAT 5155

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

51-Sb-131



21

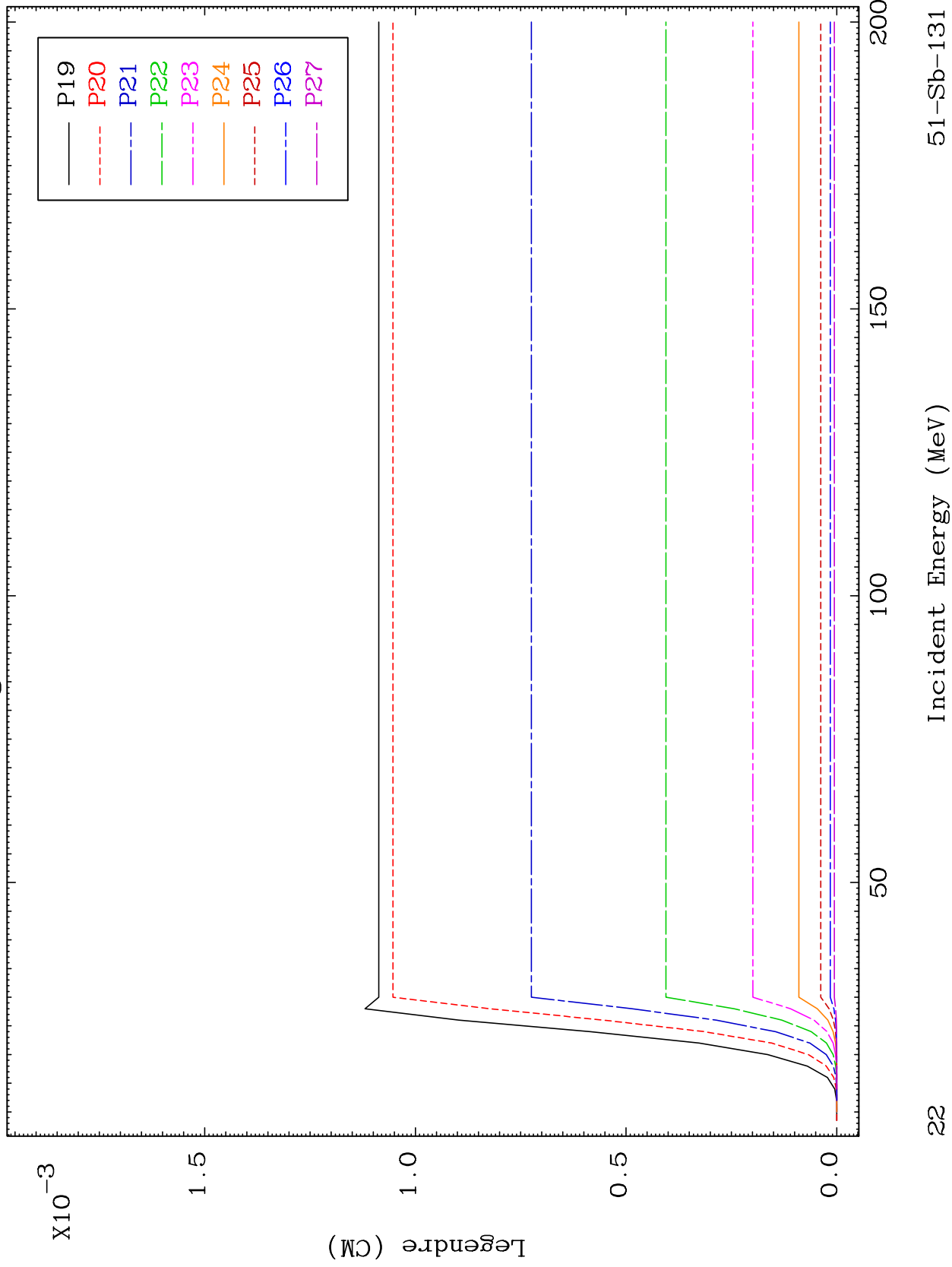
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

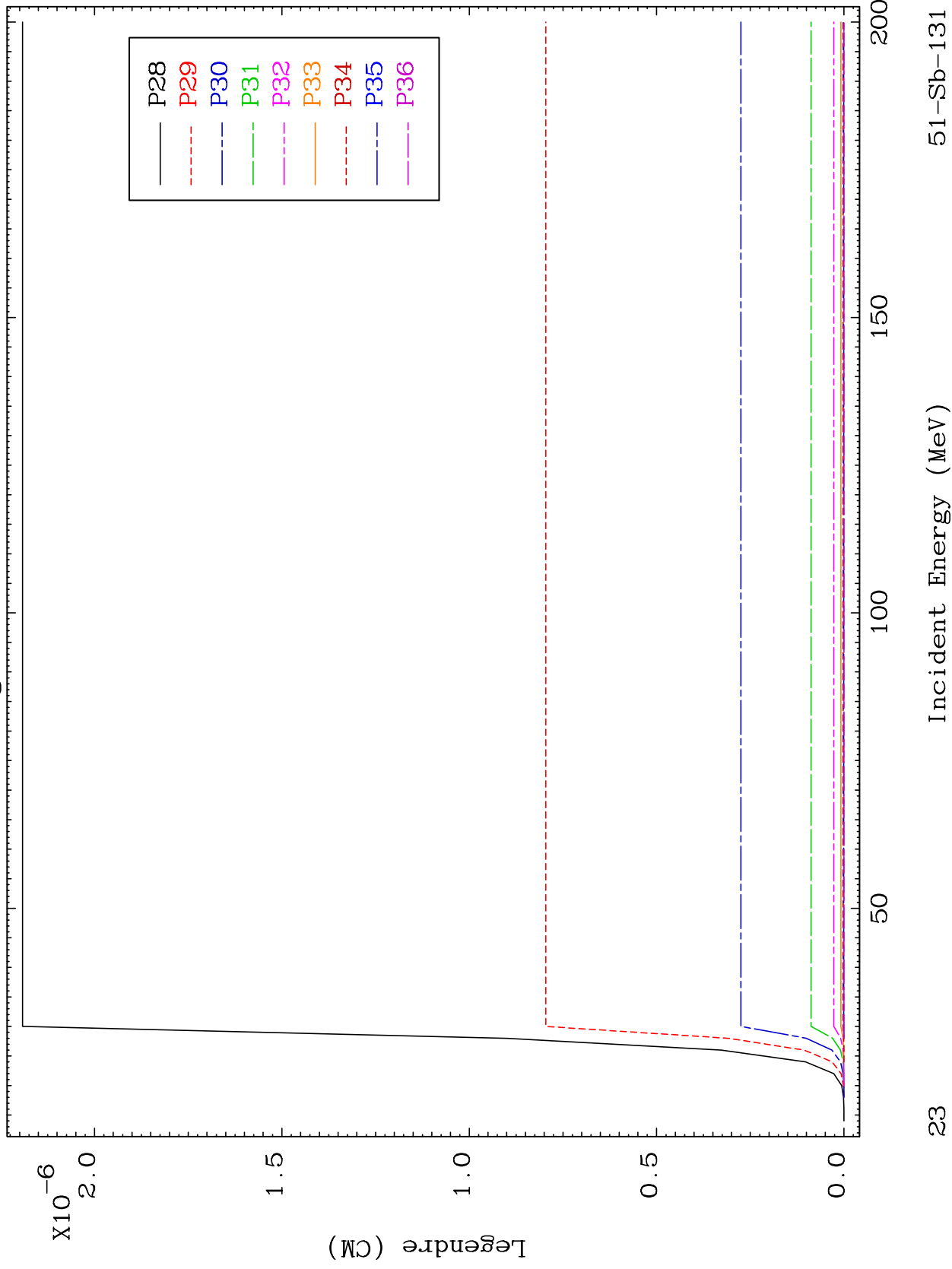
51-Sb-131

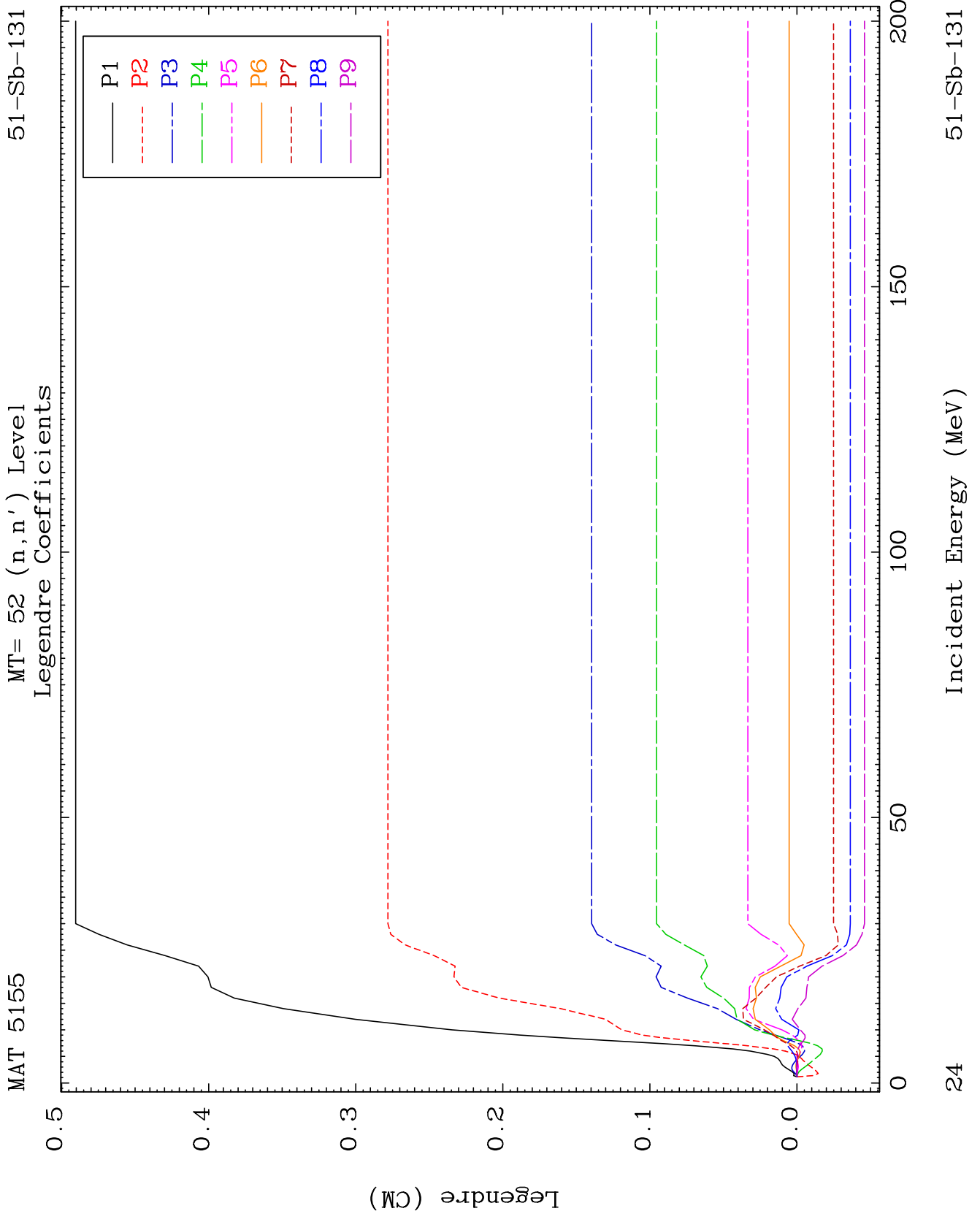


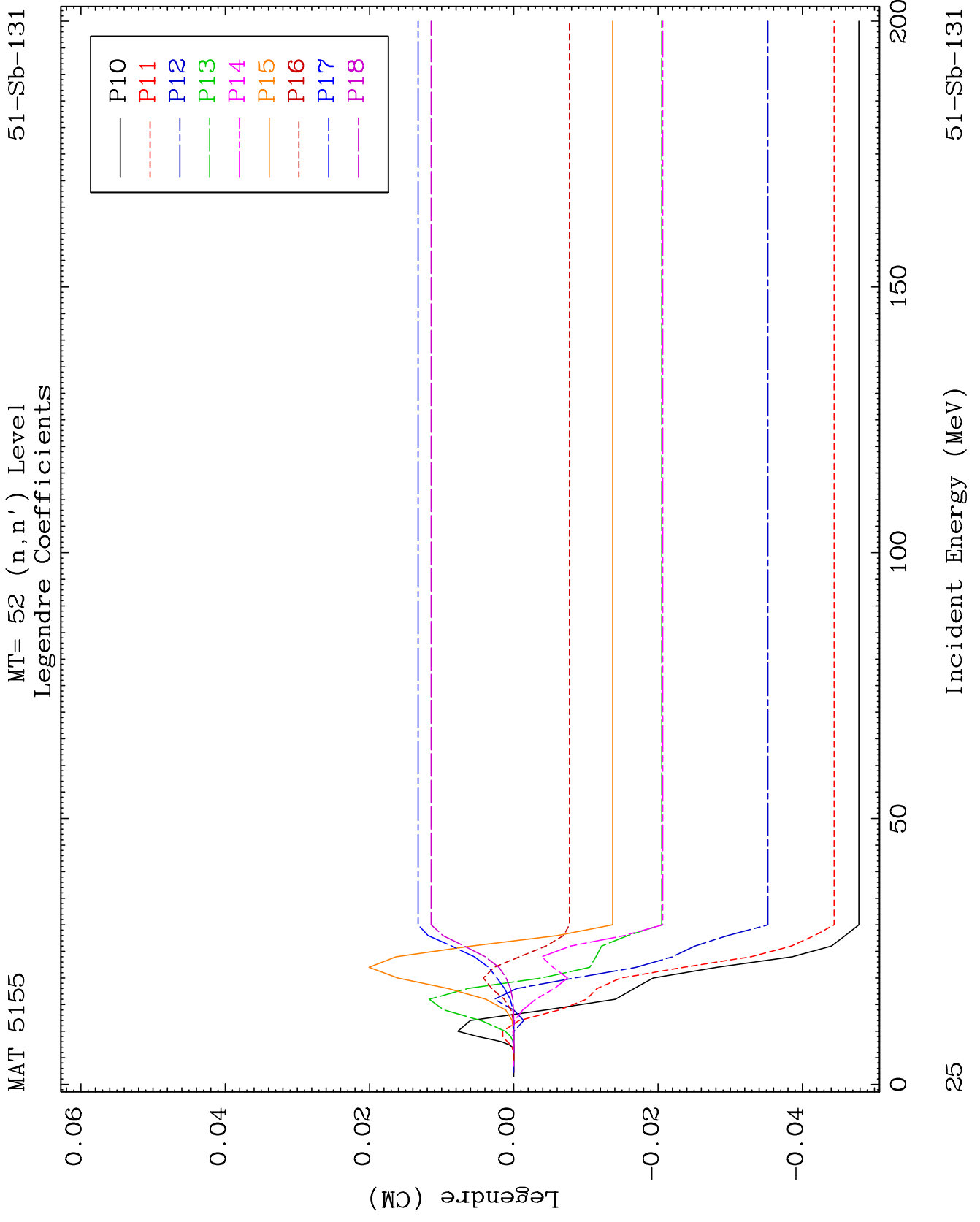
MAT 5155

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

51-Sb-131



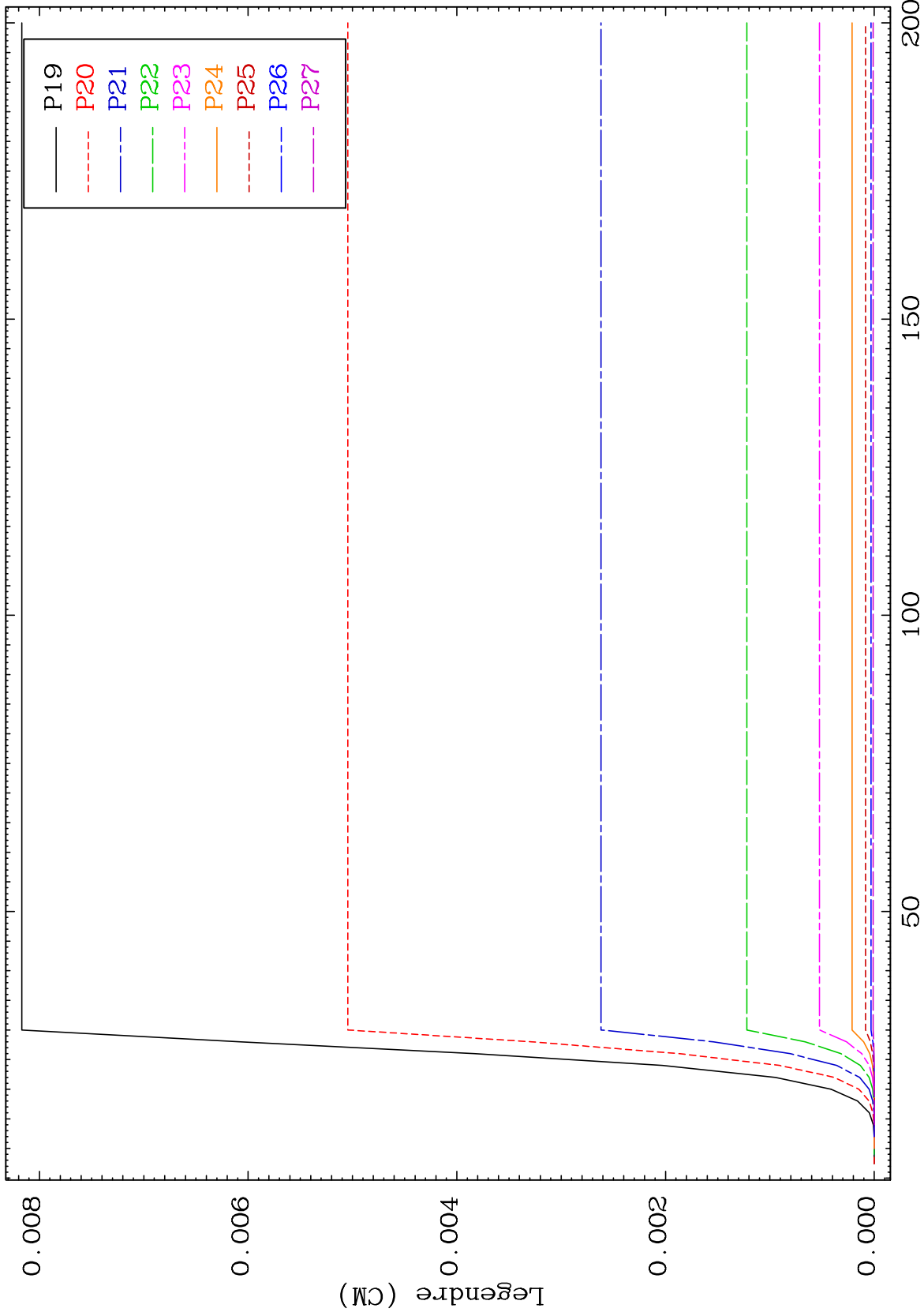




MAT 5155

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

51-Sb-131



26

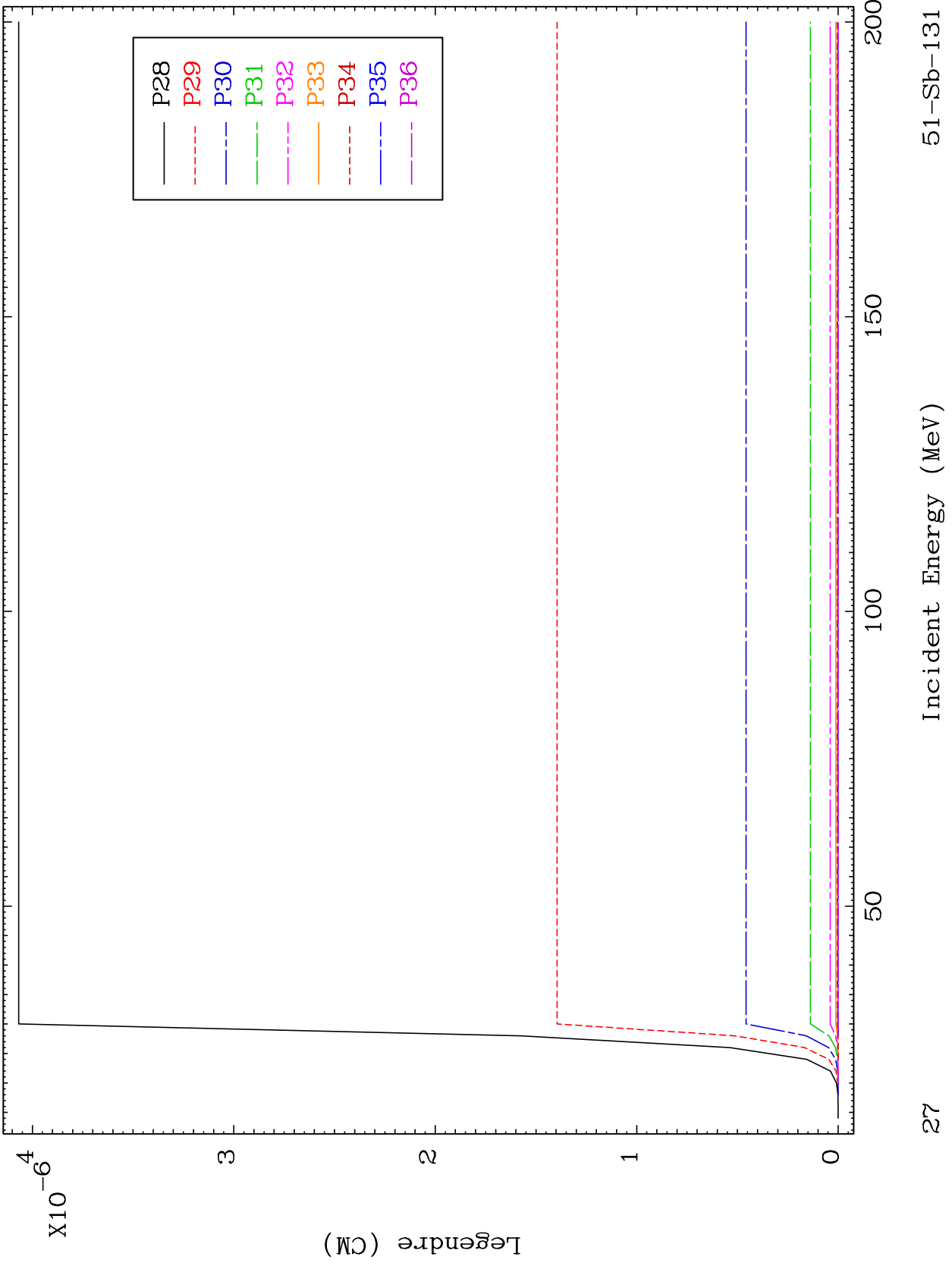
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

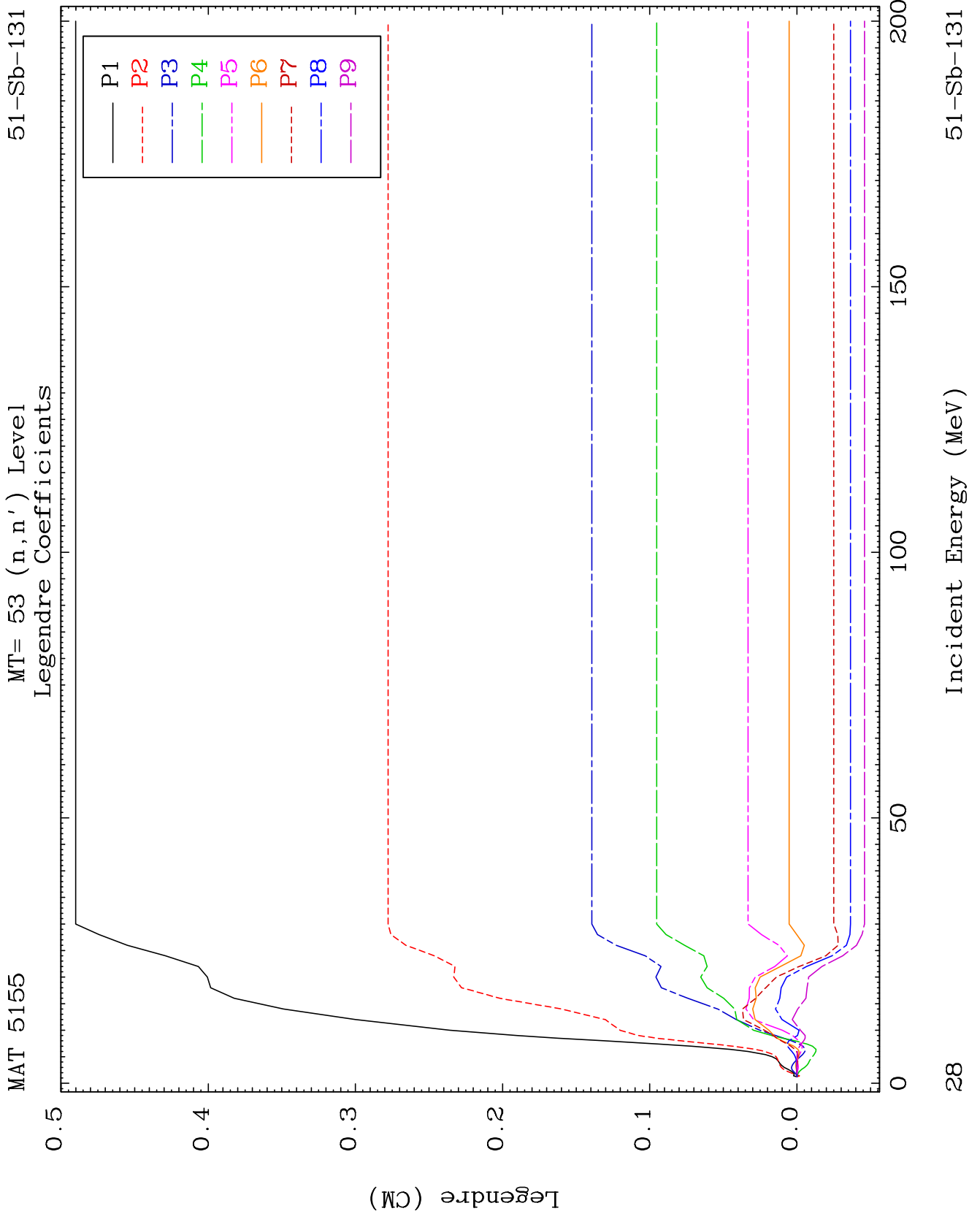
51-Sb-131



27

Incident Energy (MeV)

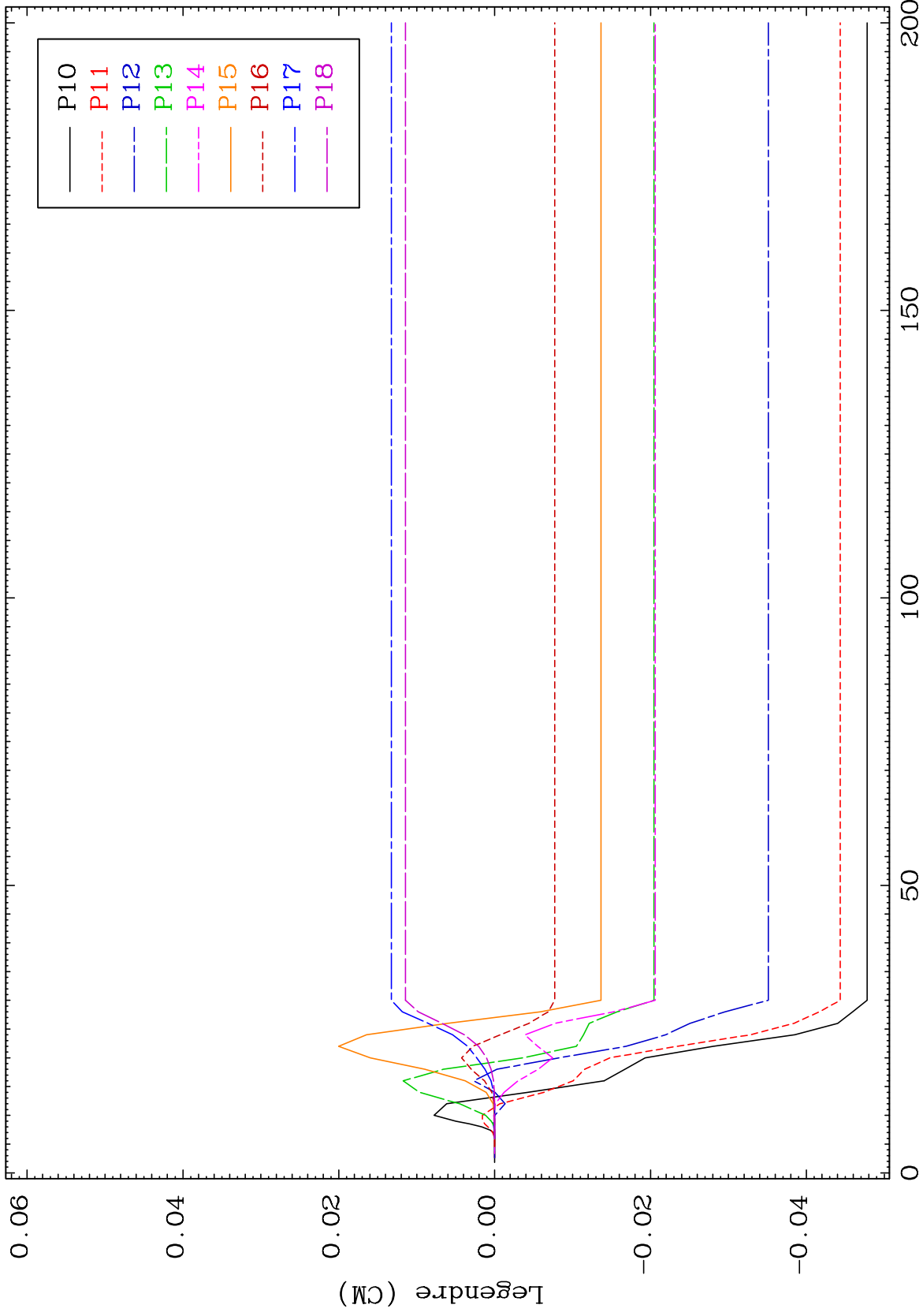
51-Sb-131



MAT 5155

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

51-Sb-131



29

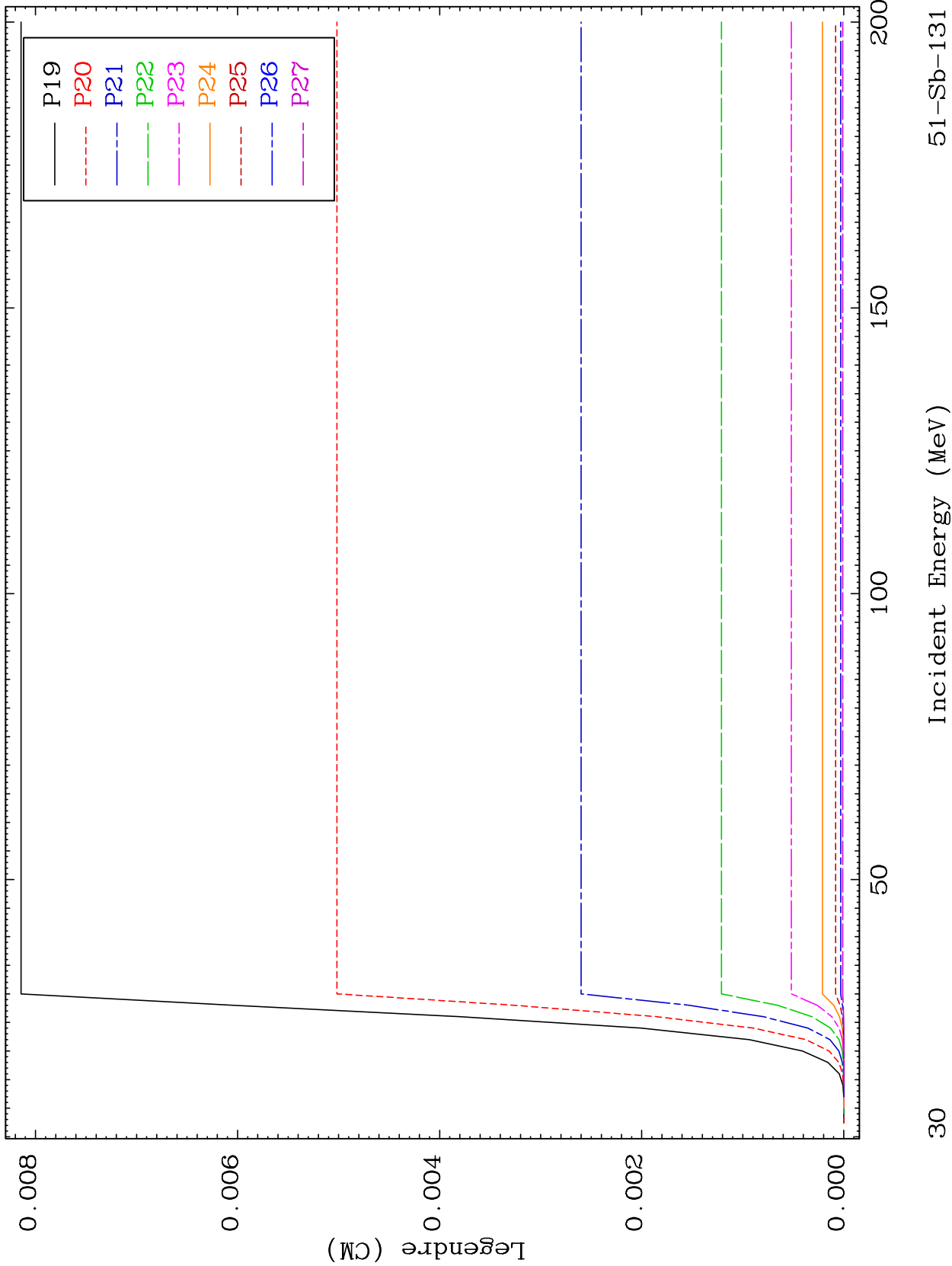
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

51-Sb-131



30

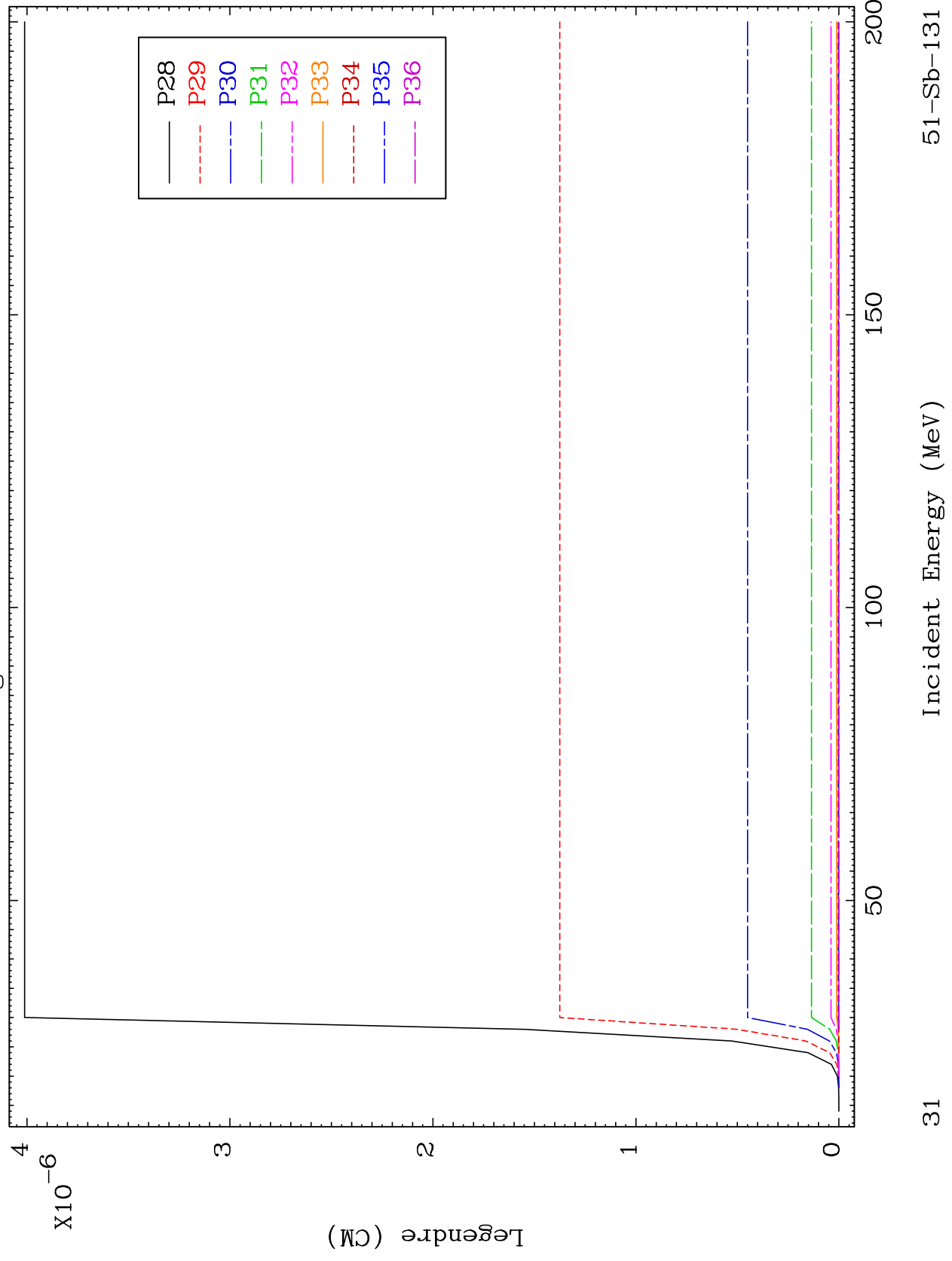
Incident Energy (MeV)

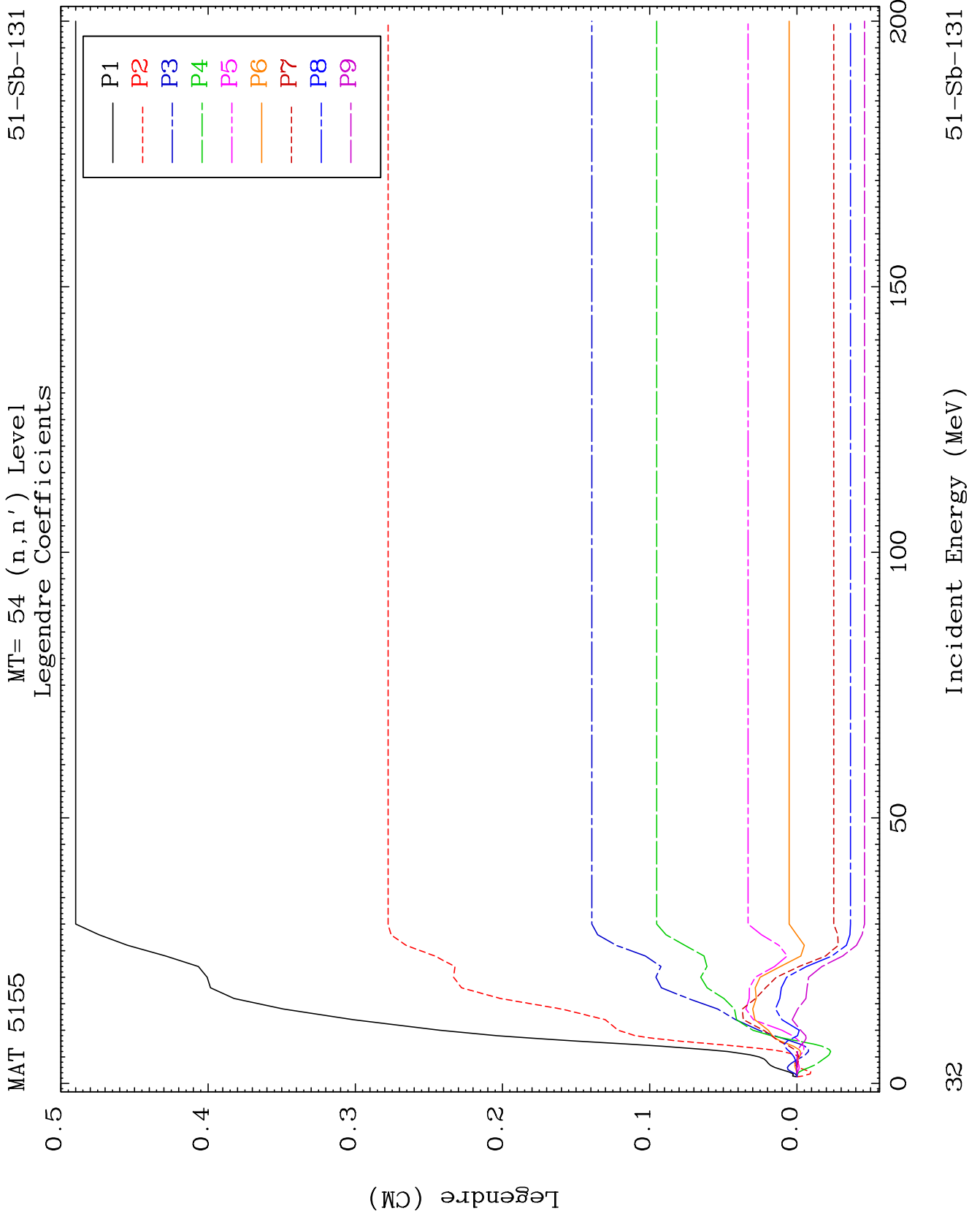
51-Sb-131

MAT 5155

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

51-Sb-131

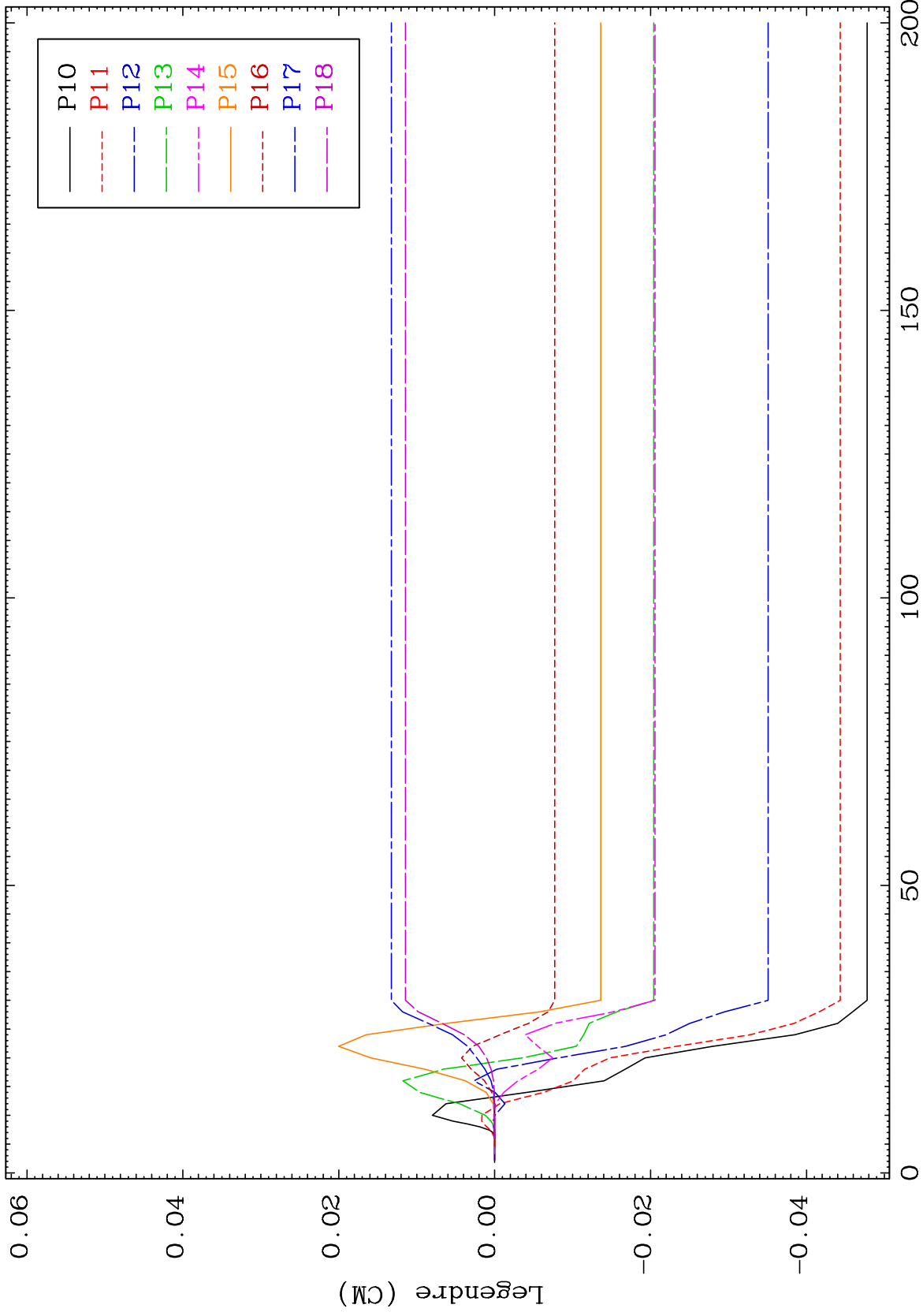




MAT 5155

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

51-Sb-131



33

Incident Energy (MeV)

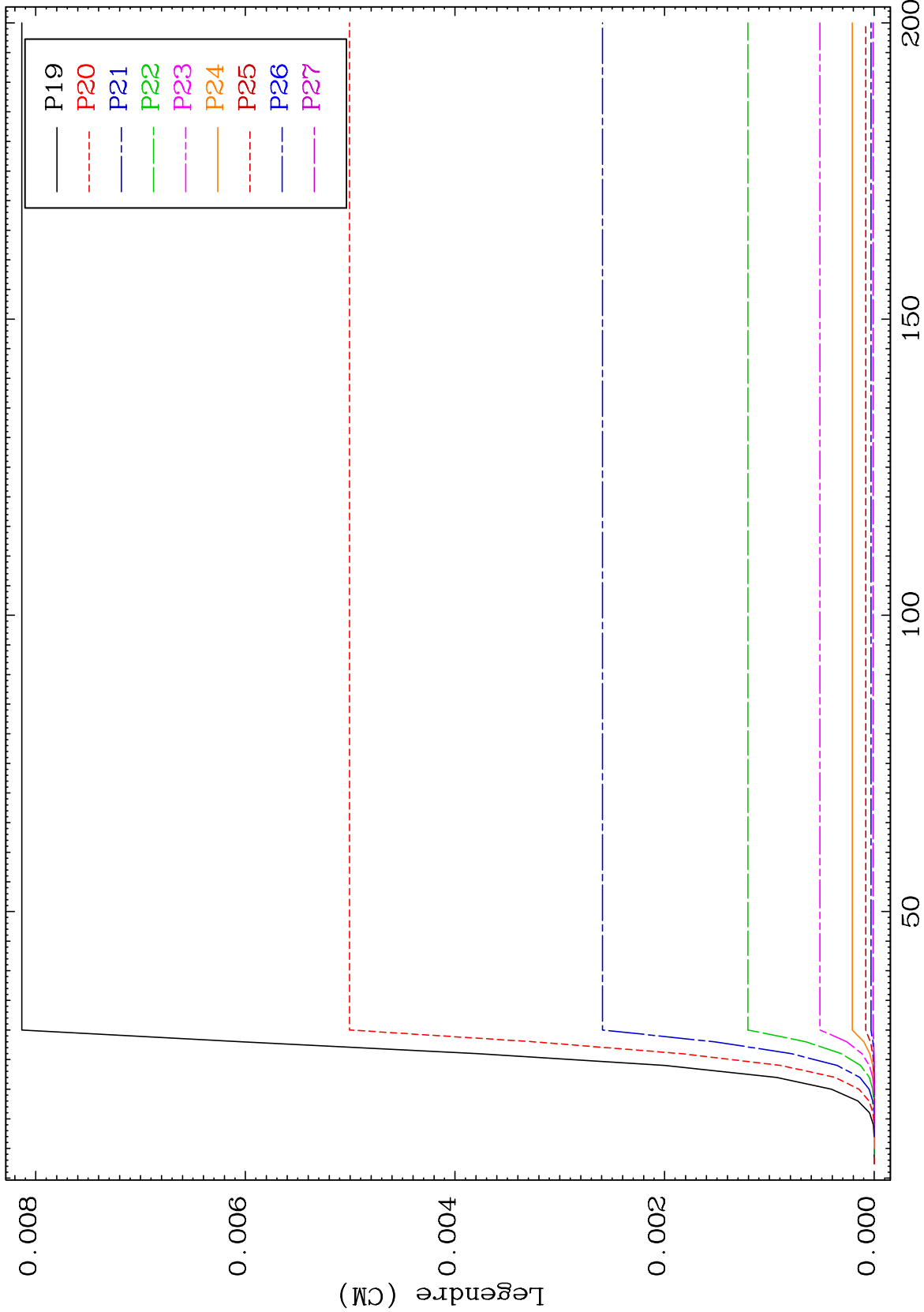
51-Sb-131

MAT 5155

MT= 54 (n,n') Level

51-Sb-131

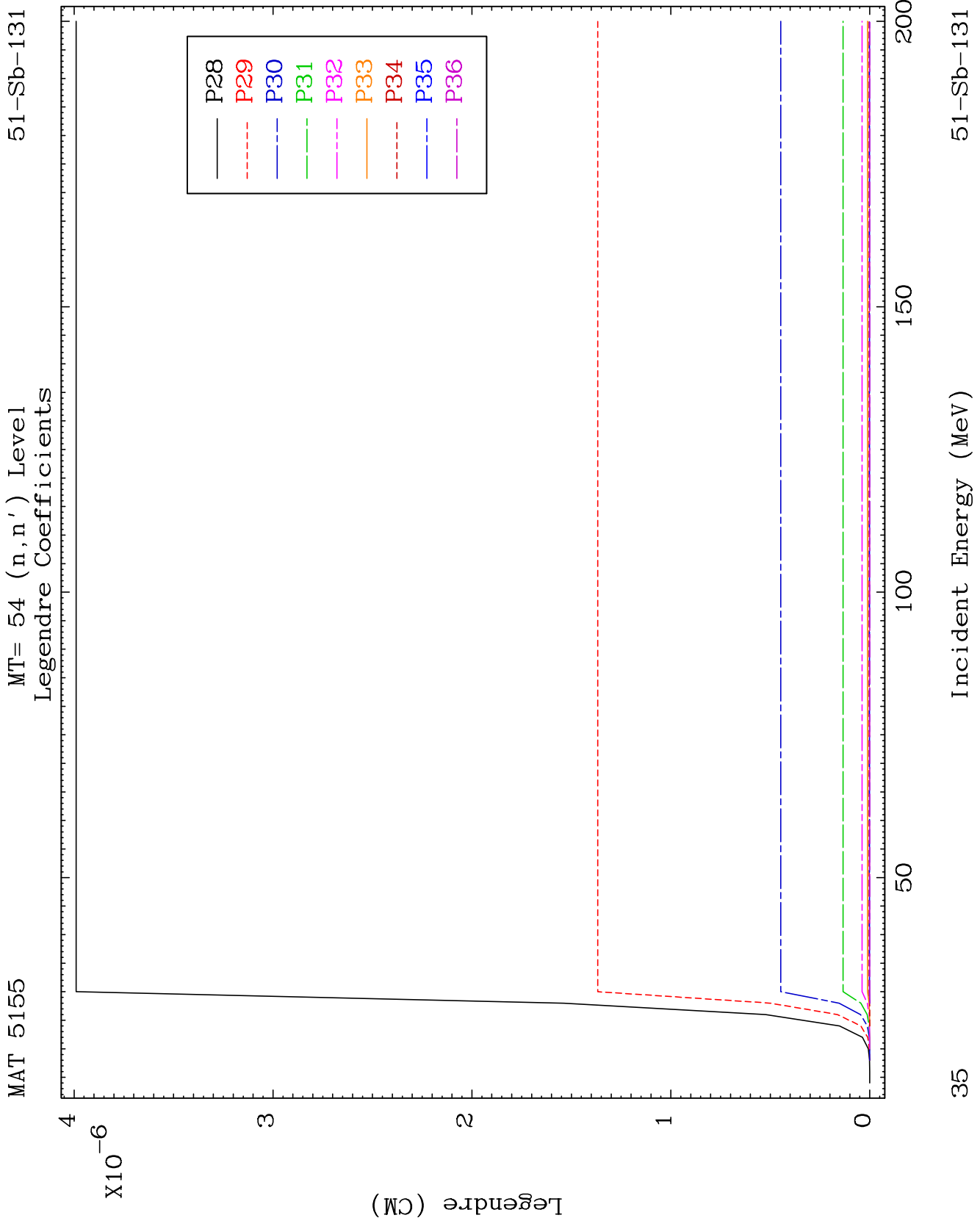
Legendre Coefficients

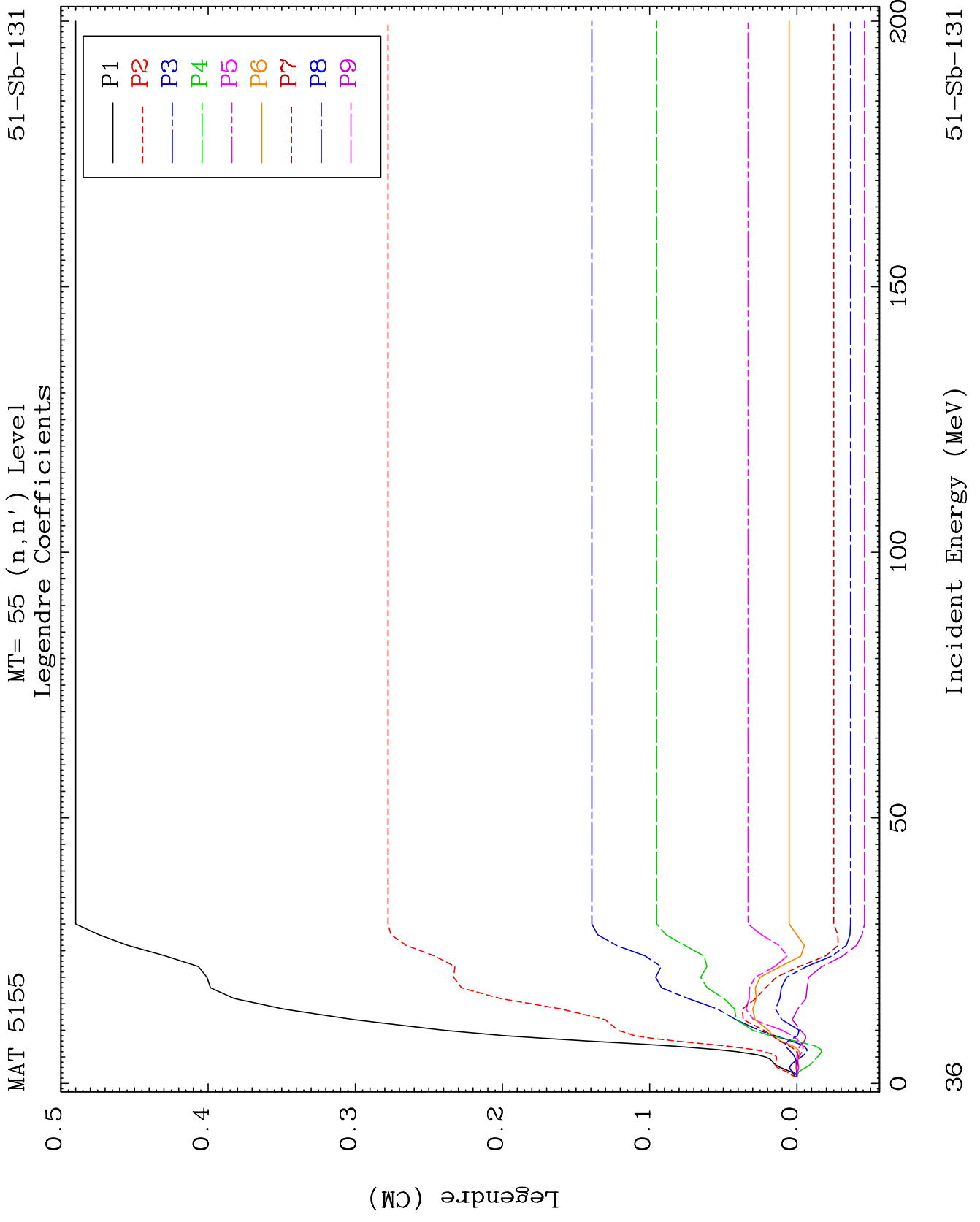


34

Incident Energy (MeV)

51-Sb-131

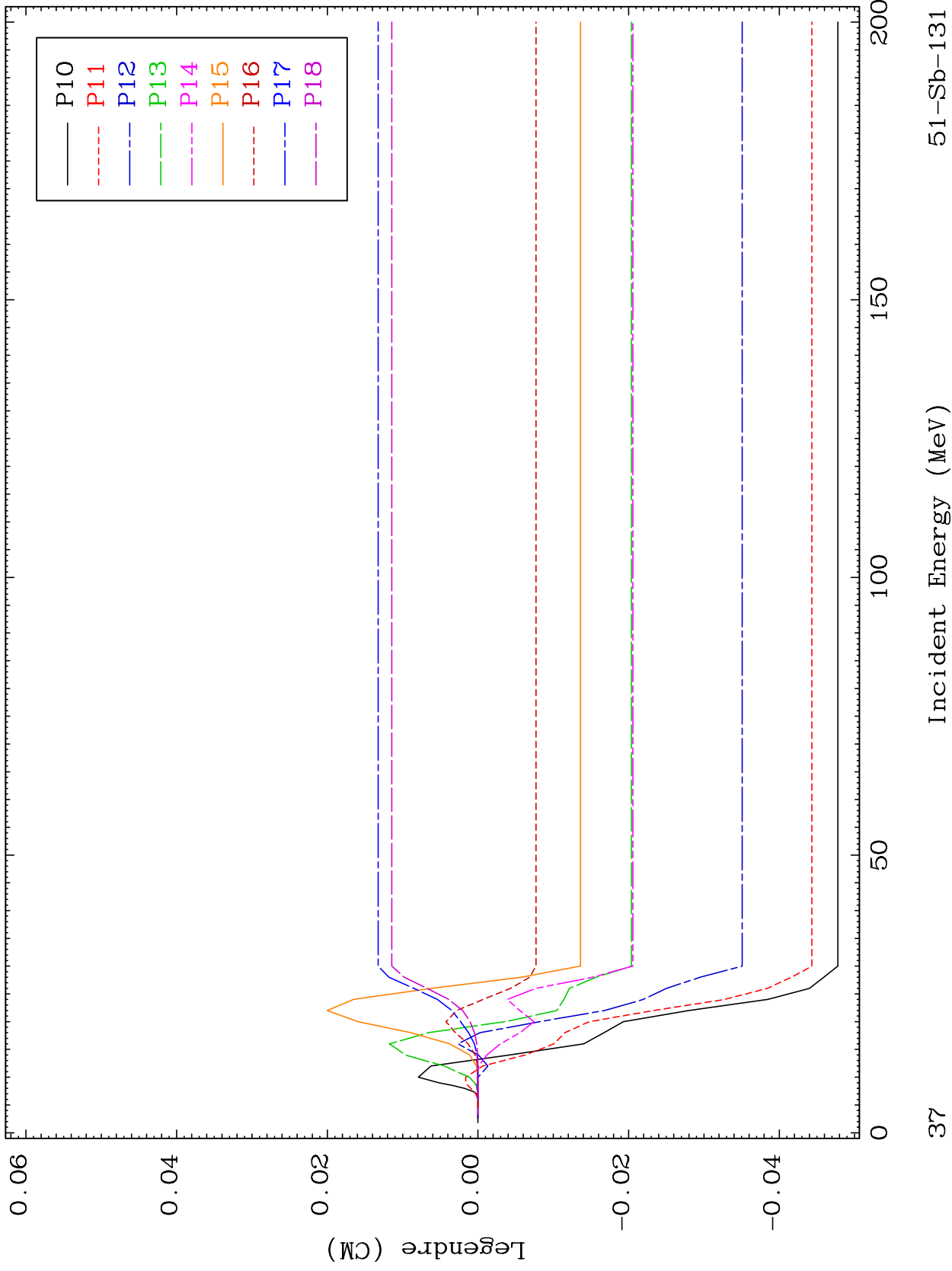




MAT 5155

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

51-Sb-131



37

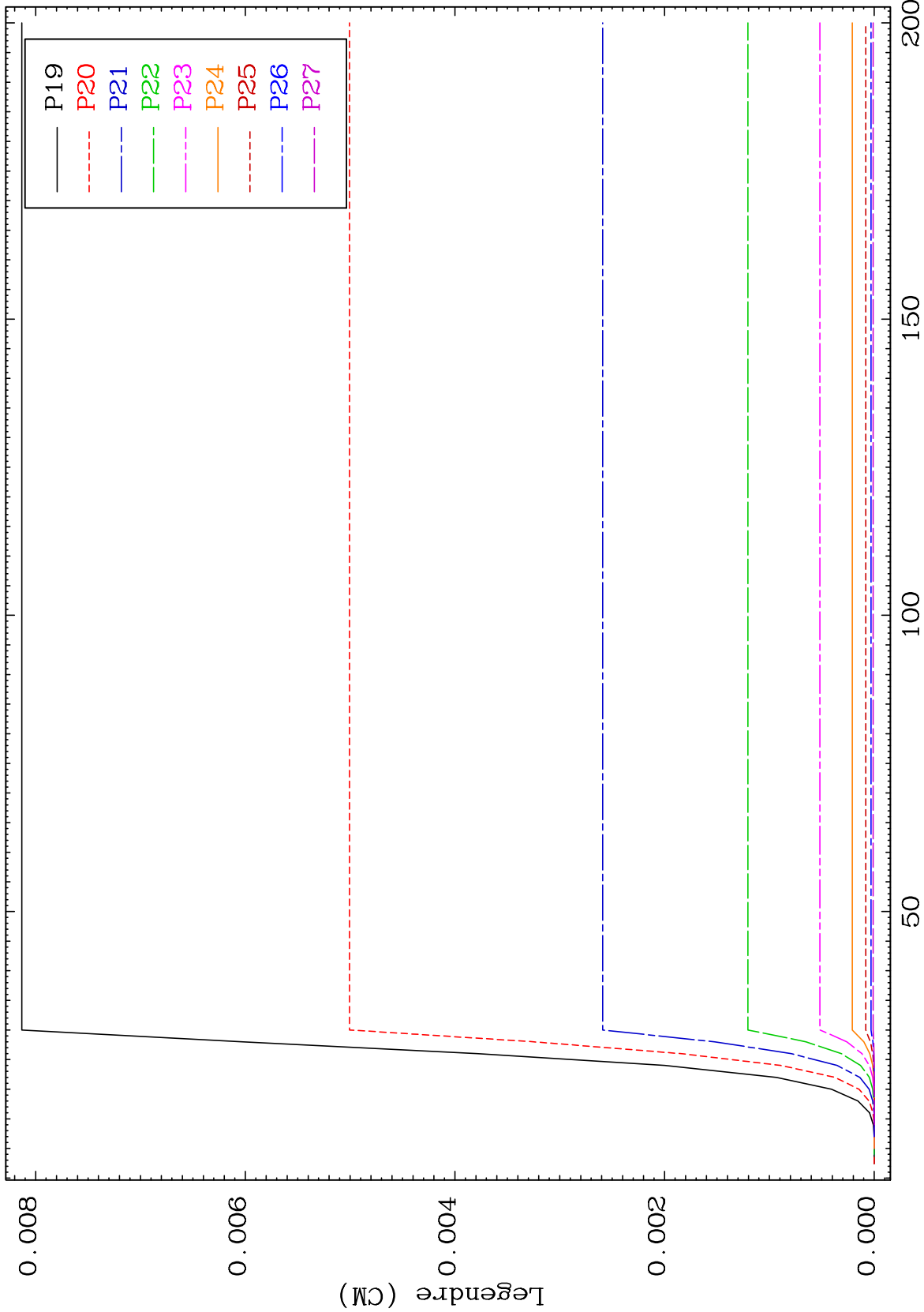
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

51-Sb-131



38

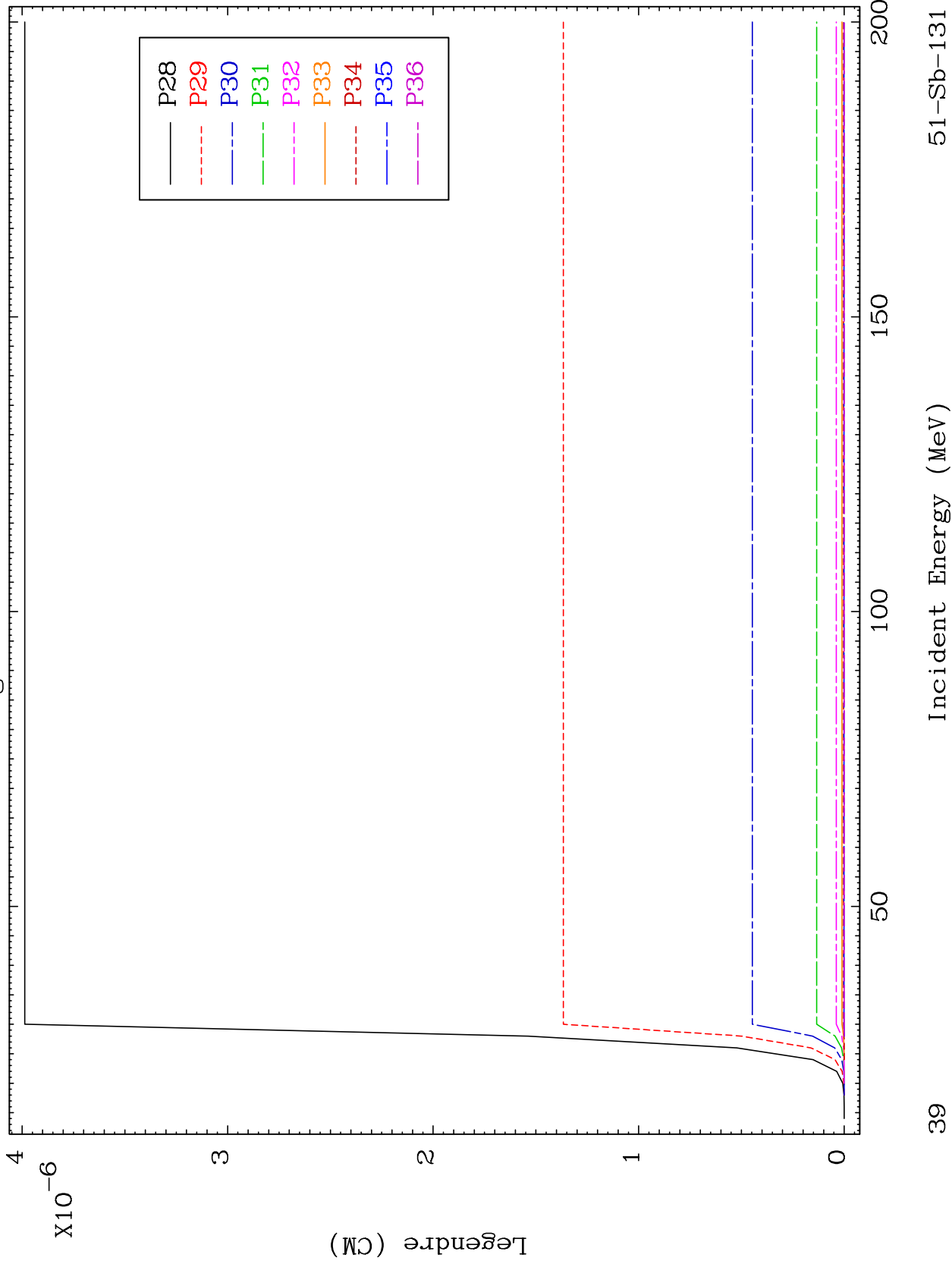
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

51-Sb-131



39

Incident Energy (MeV)

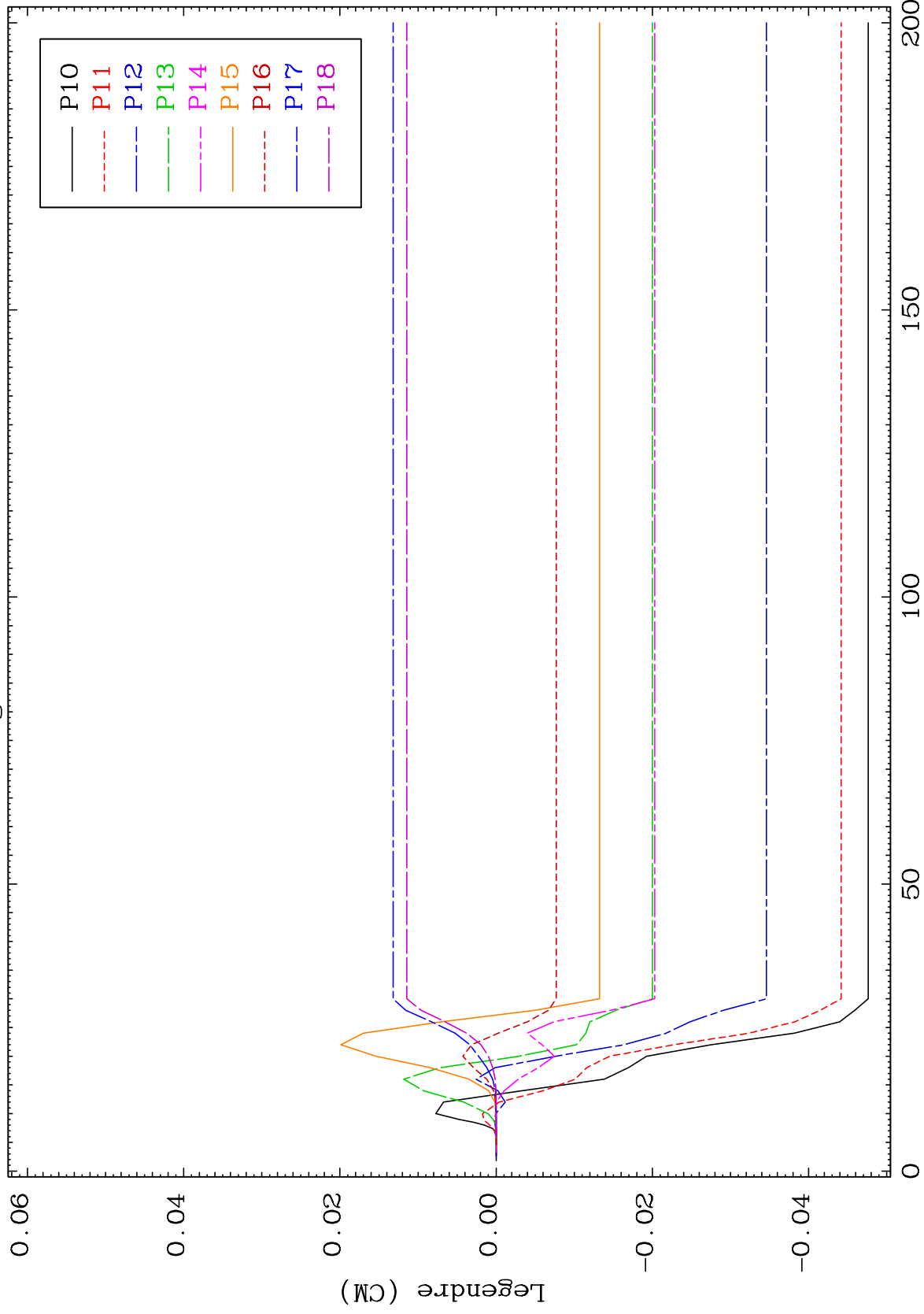
51-Sb-131



MAT 5155

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

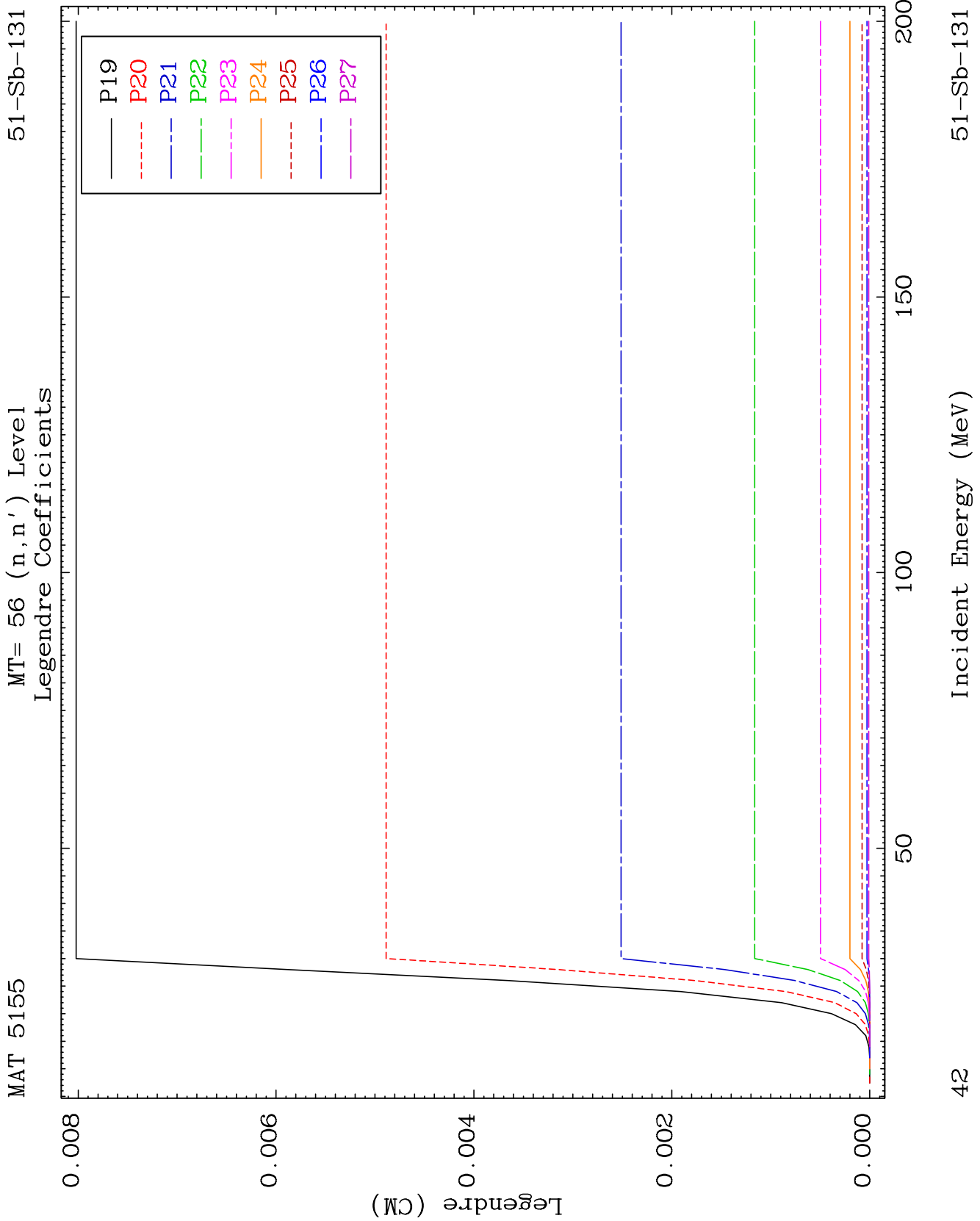
51-Sb-131



41

Incident Energy (MeV)

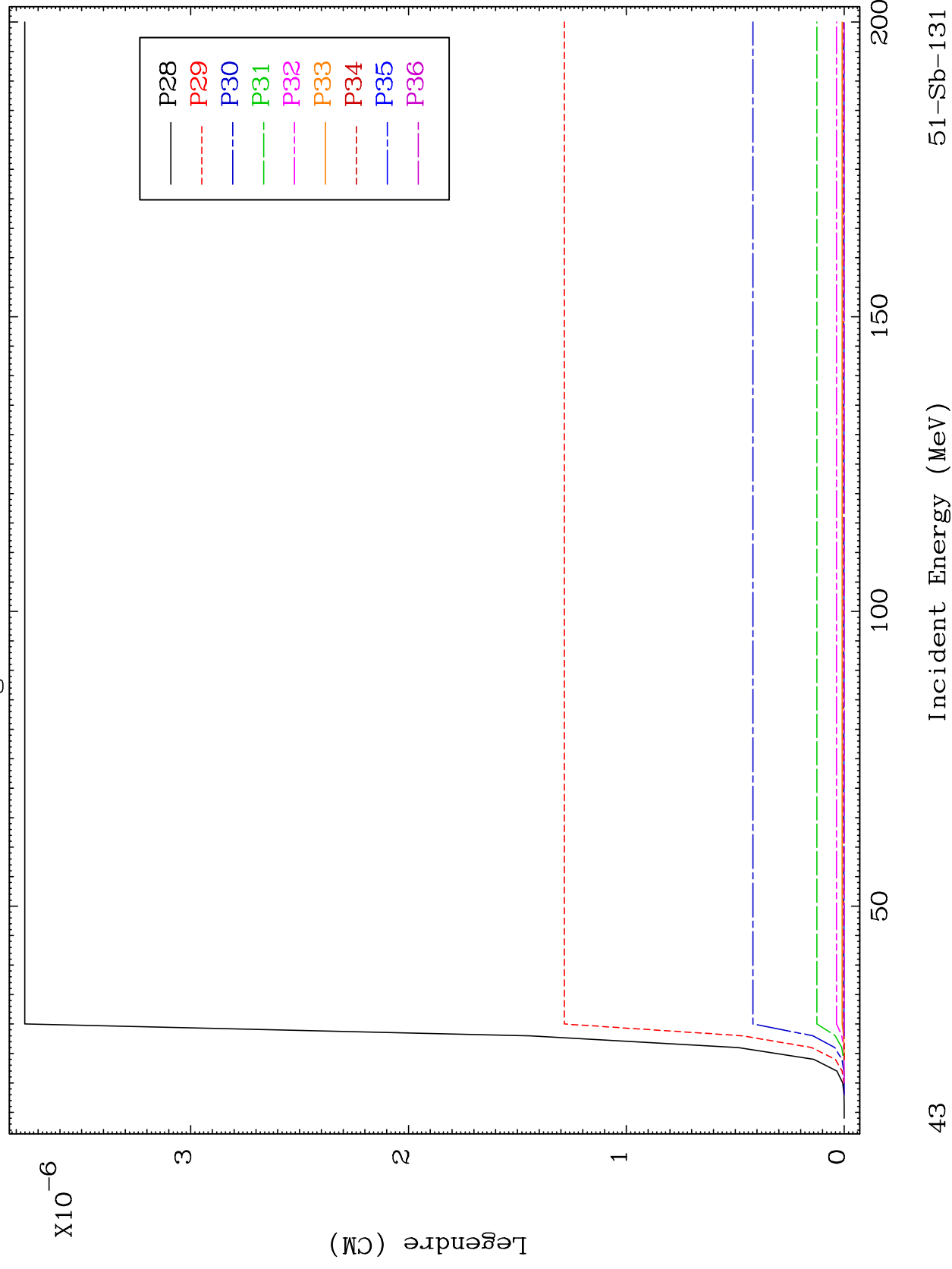
51-Sb-131



MAT 5155

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

51-Sb-131

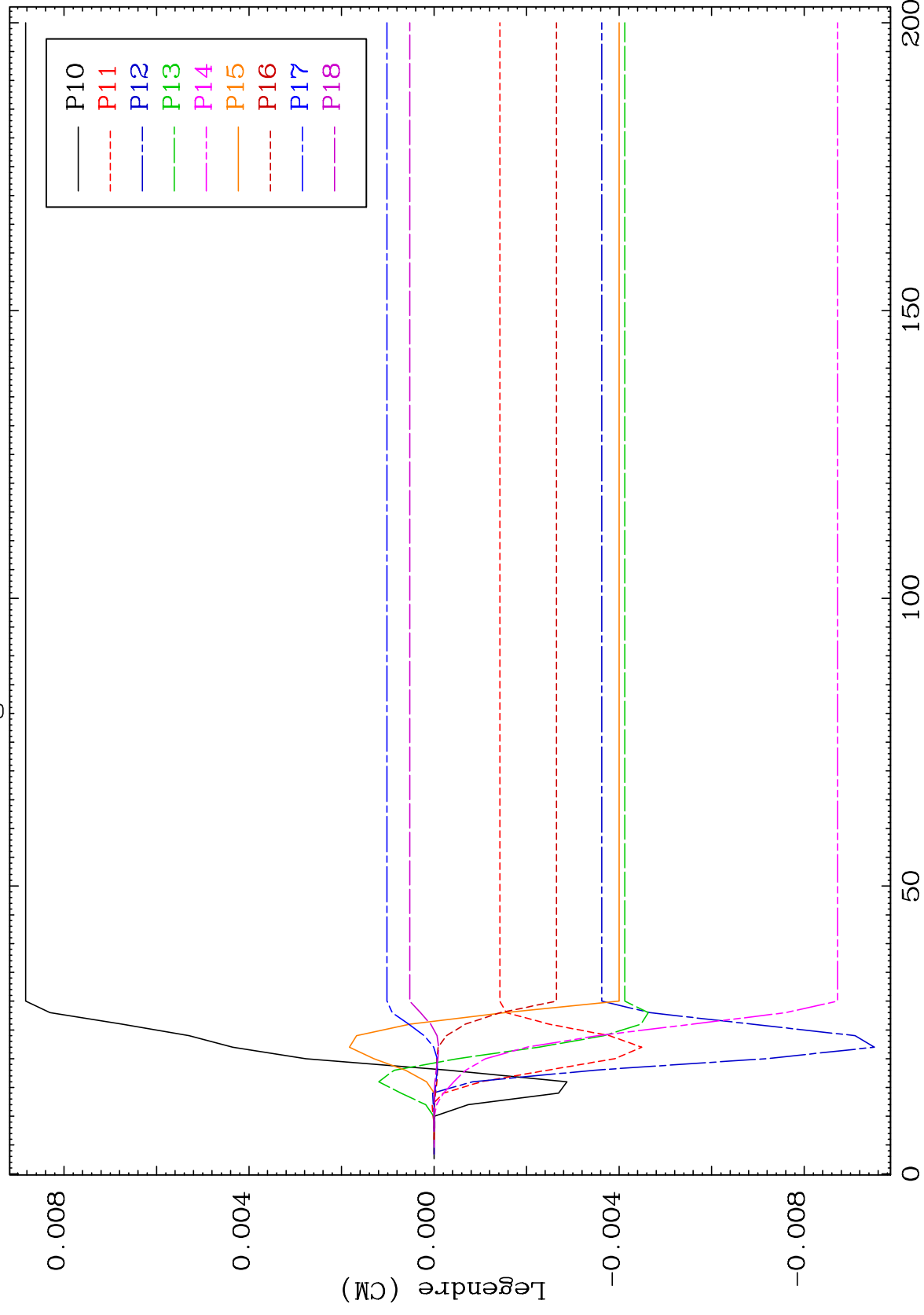




MAT 5155

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

51-Sb-131



45

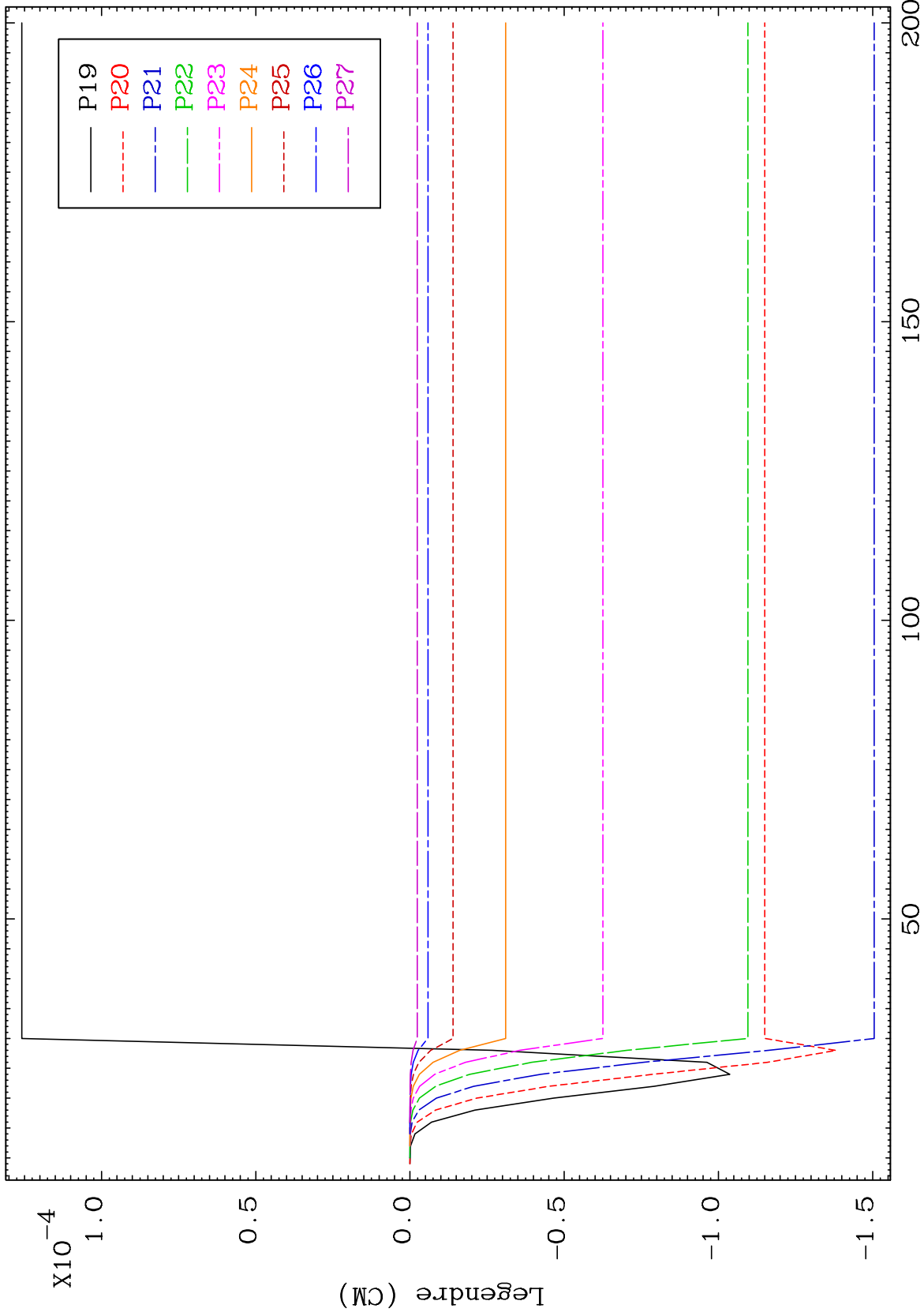
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

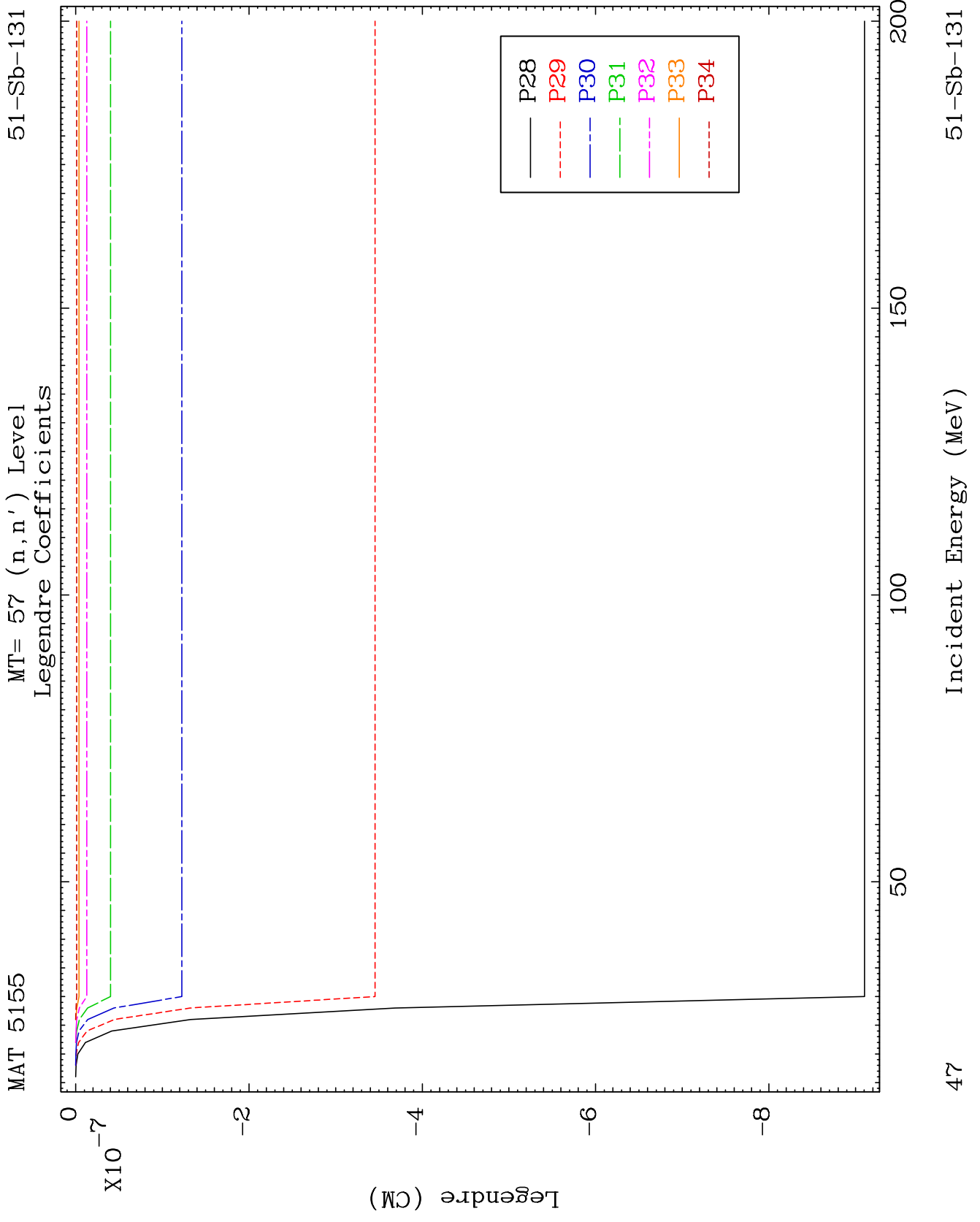
51-Sb-131



46

Incident Energy (MeV)

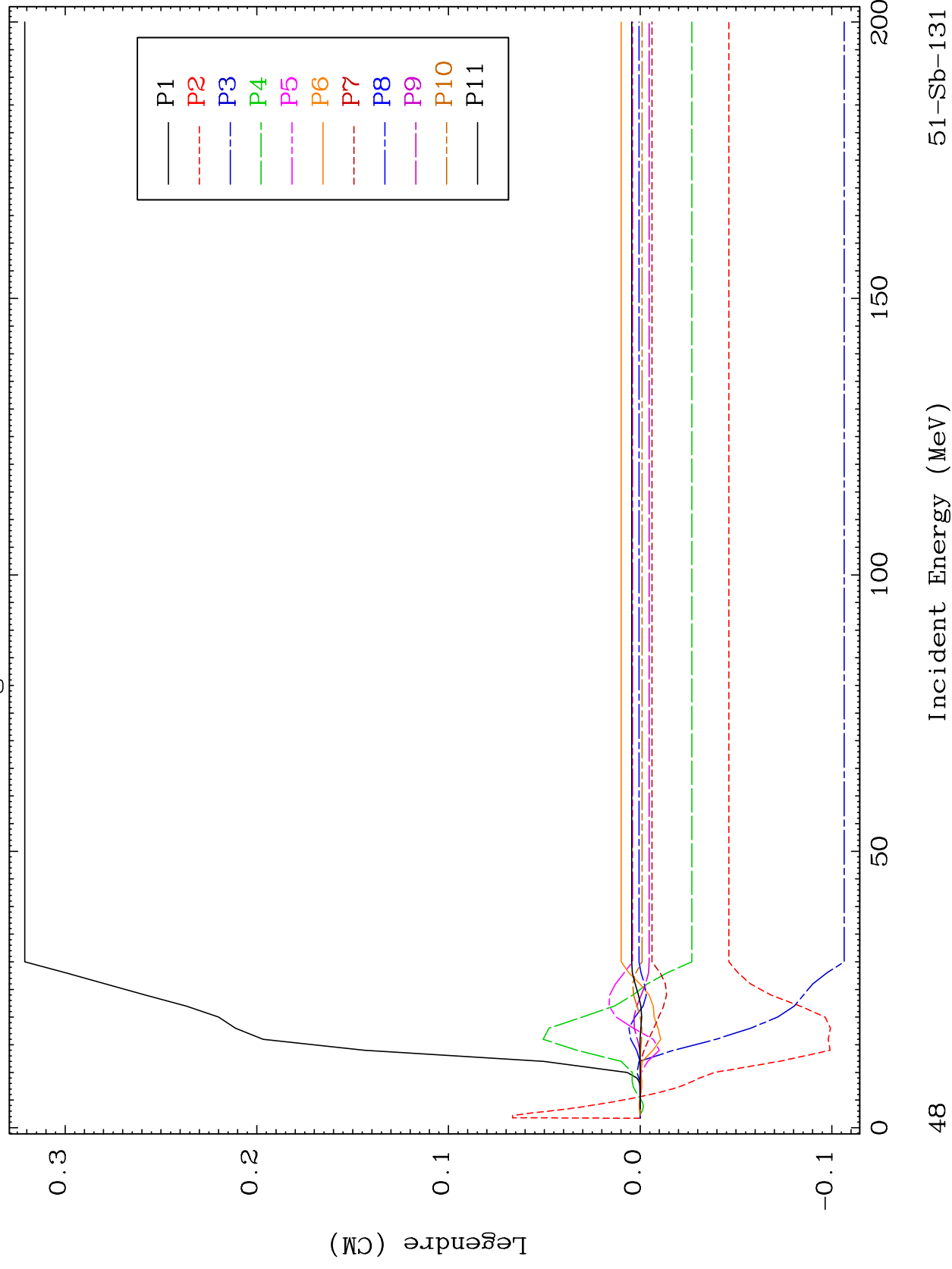
51-Sb-131



MAT 5155

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

51-Sb-131



51-Sb-131

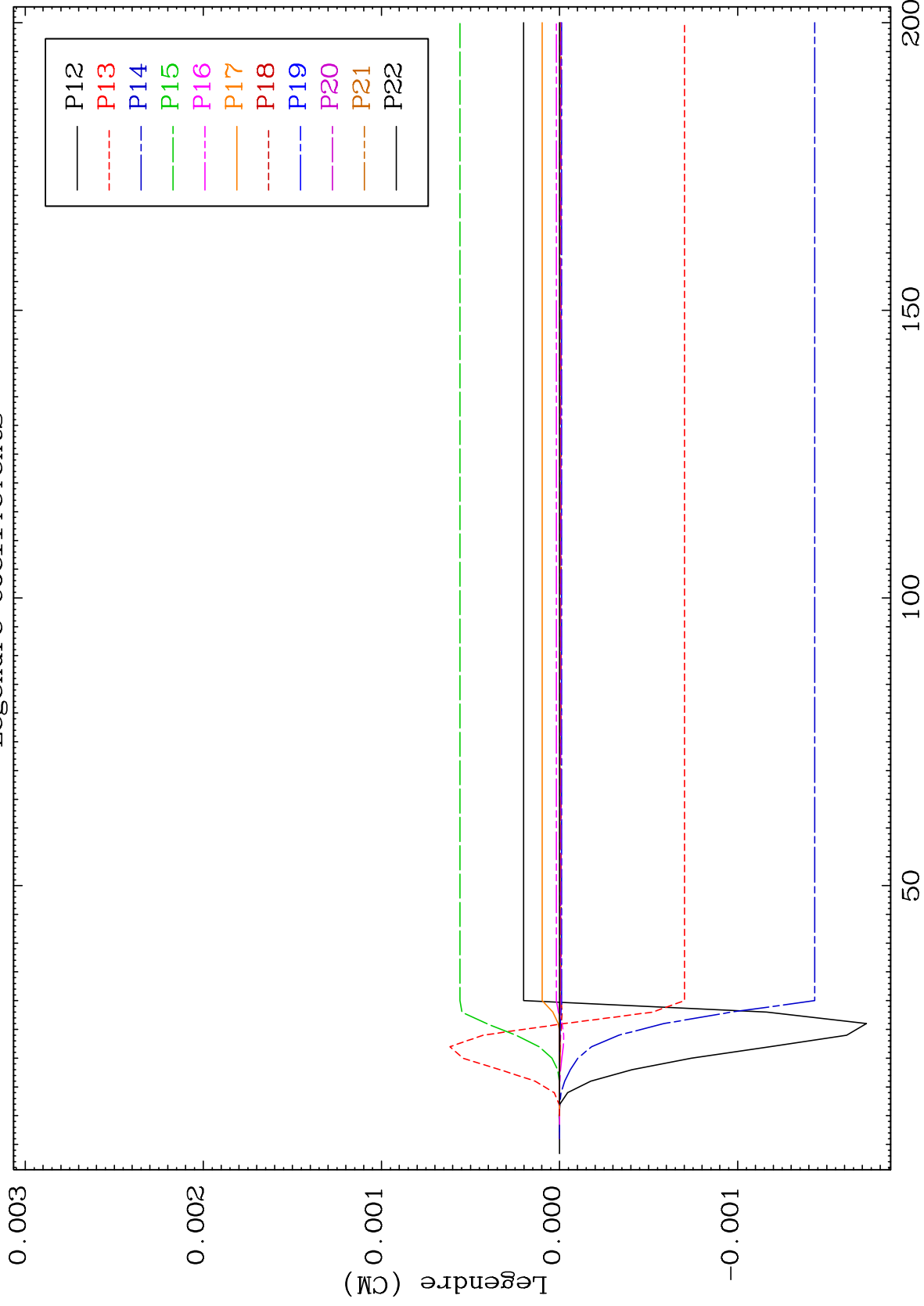
Incident Energy (MeV)

48

MAT 5155

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

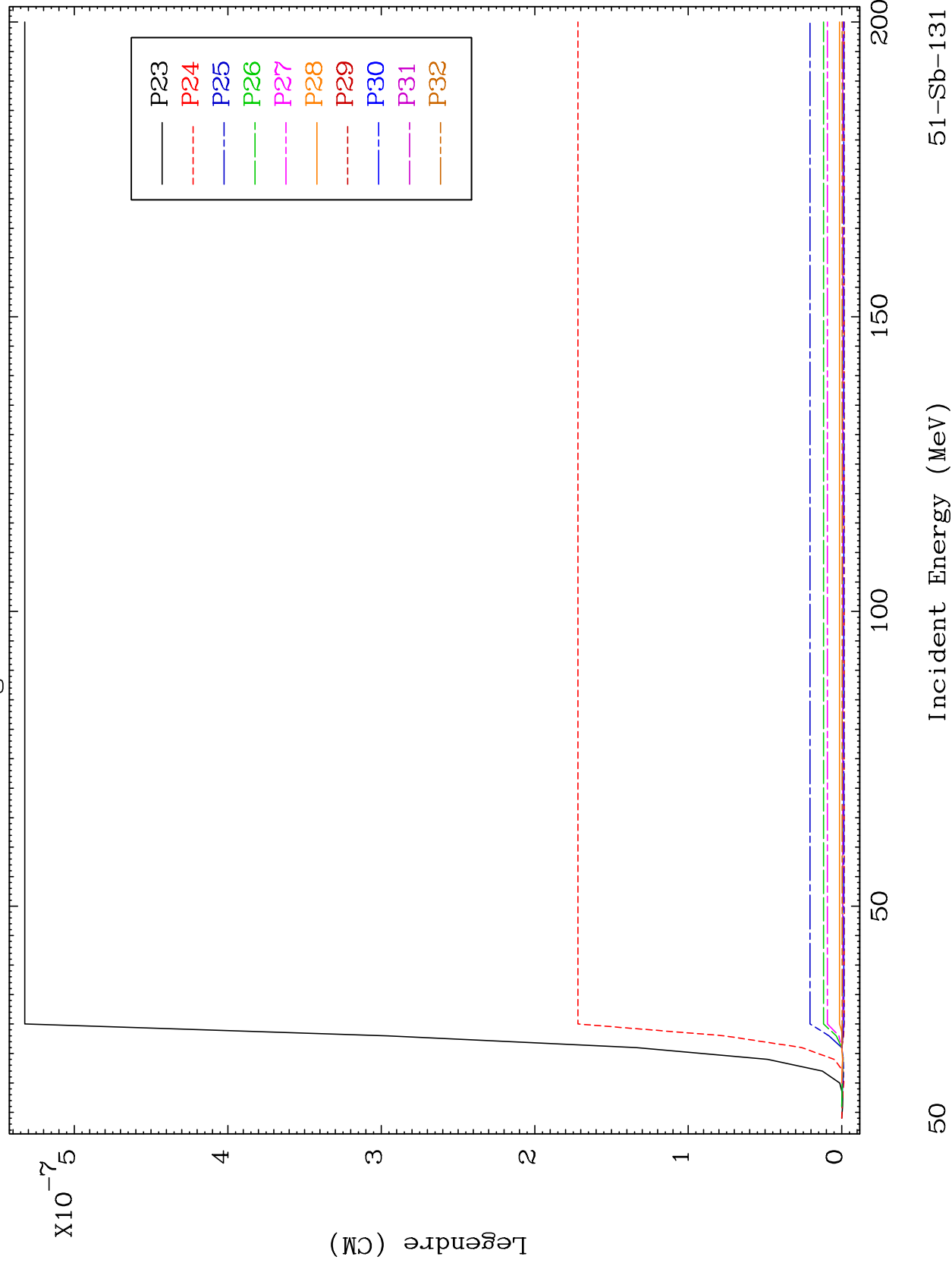
51-Sb-131



MAT 5155

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

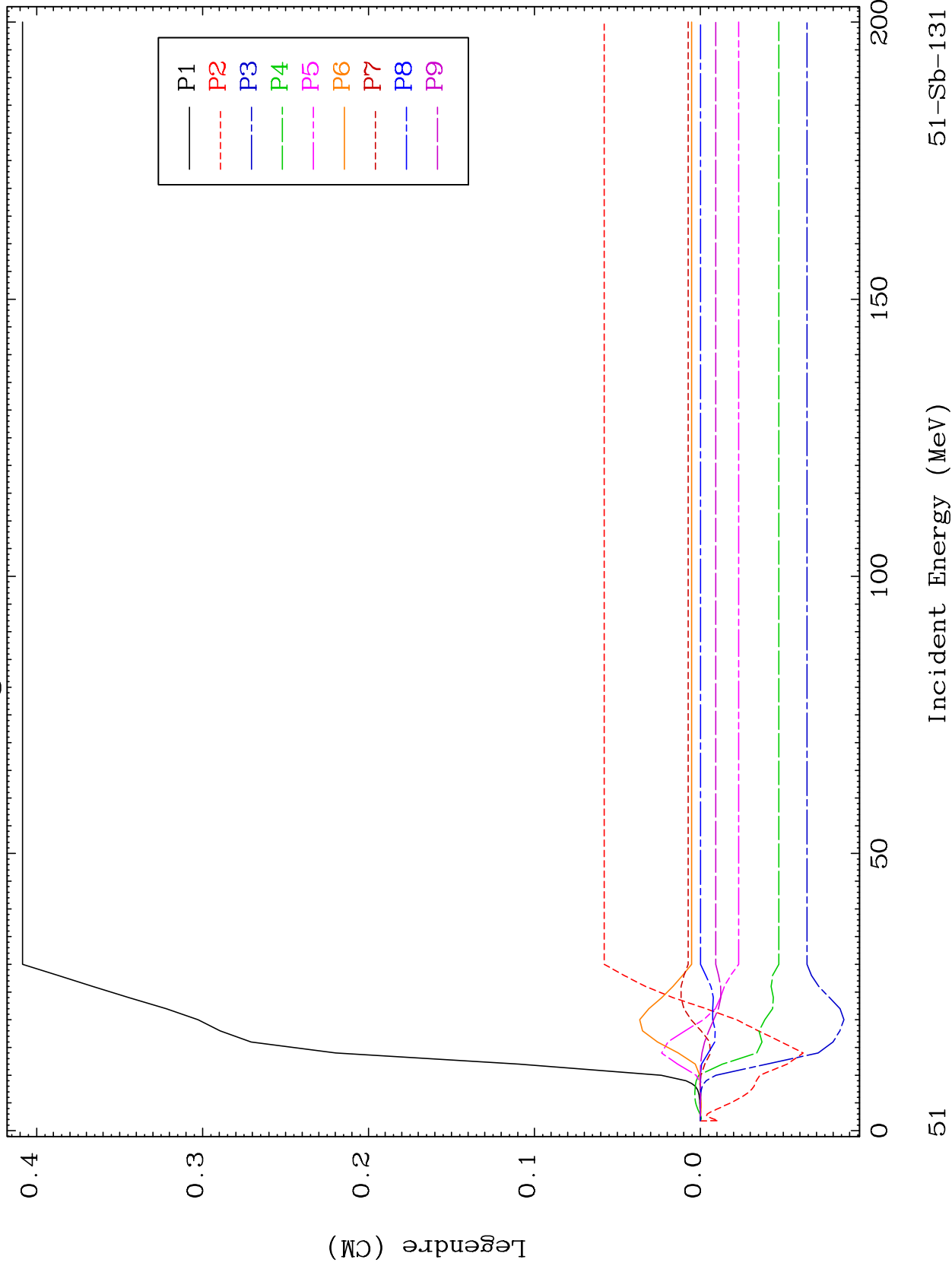
51-Sb-131



MAT 5155

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

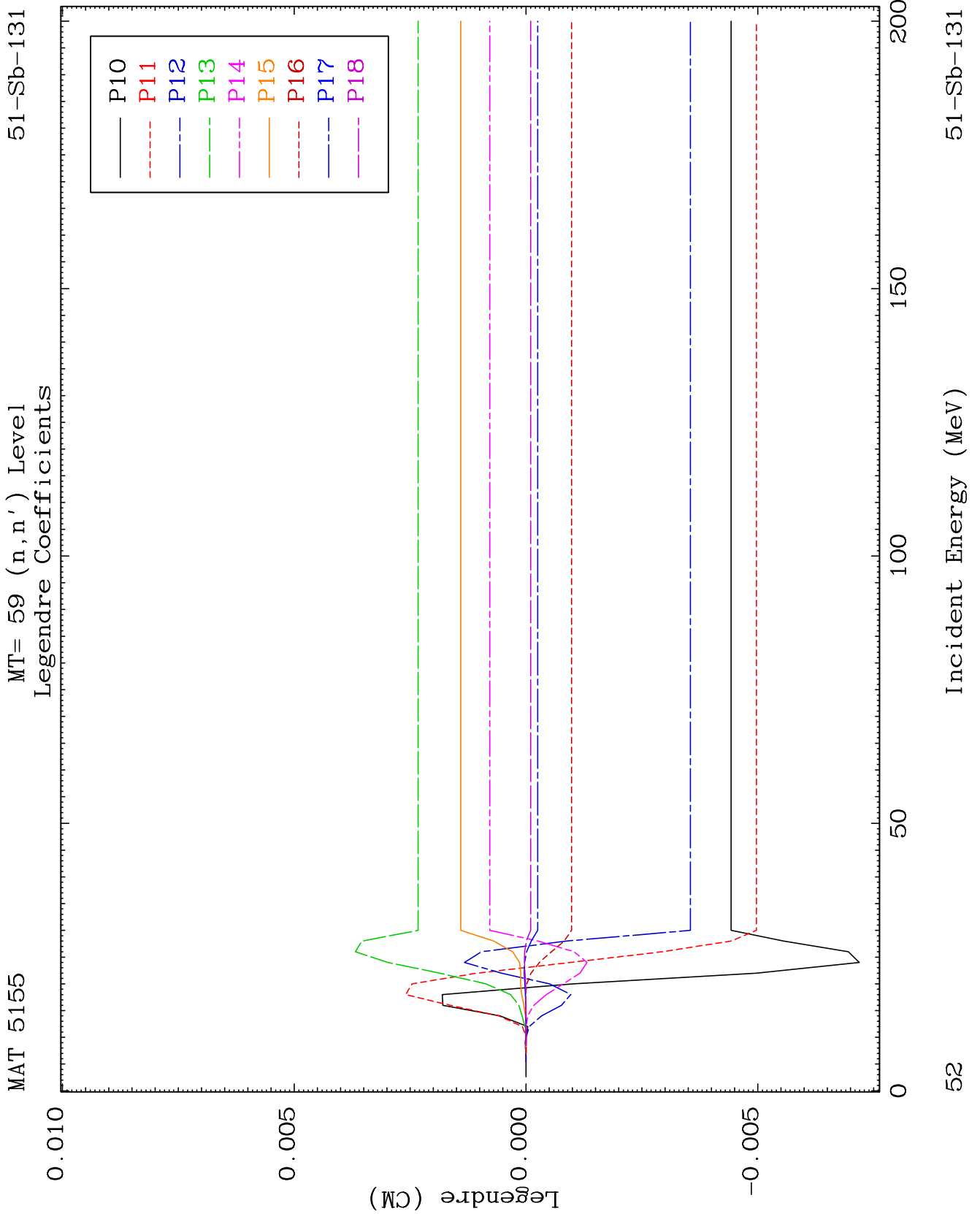
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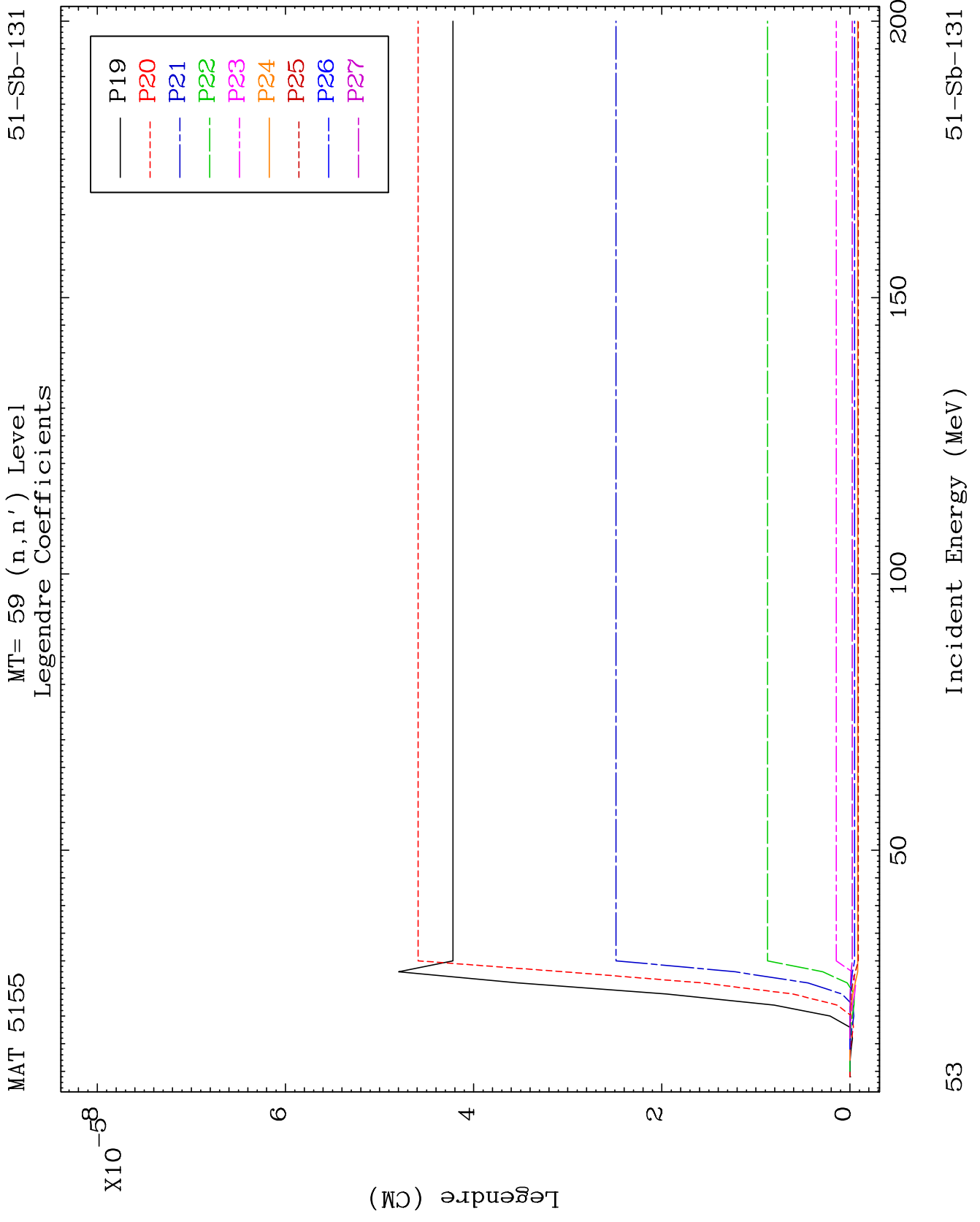


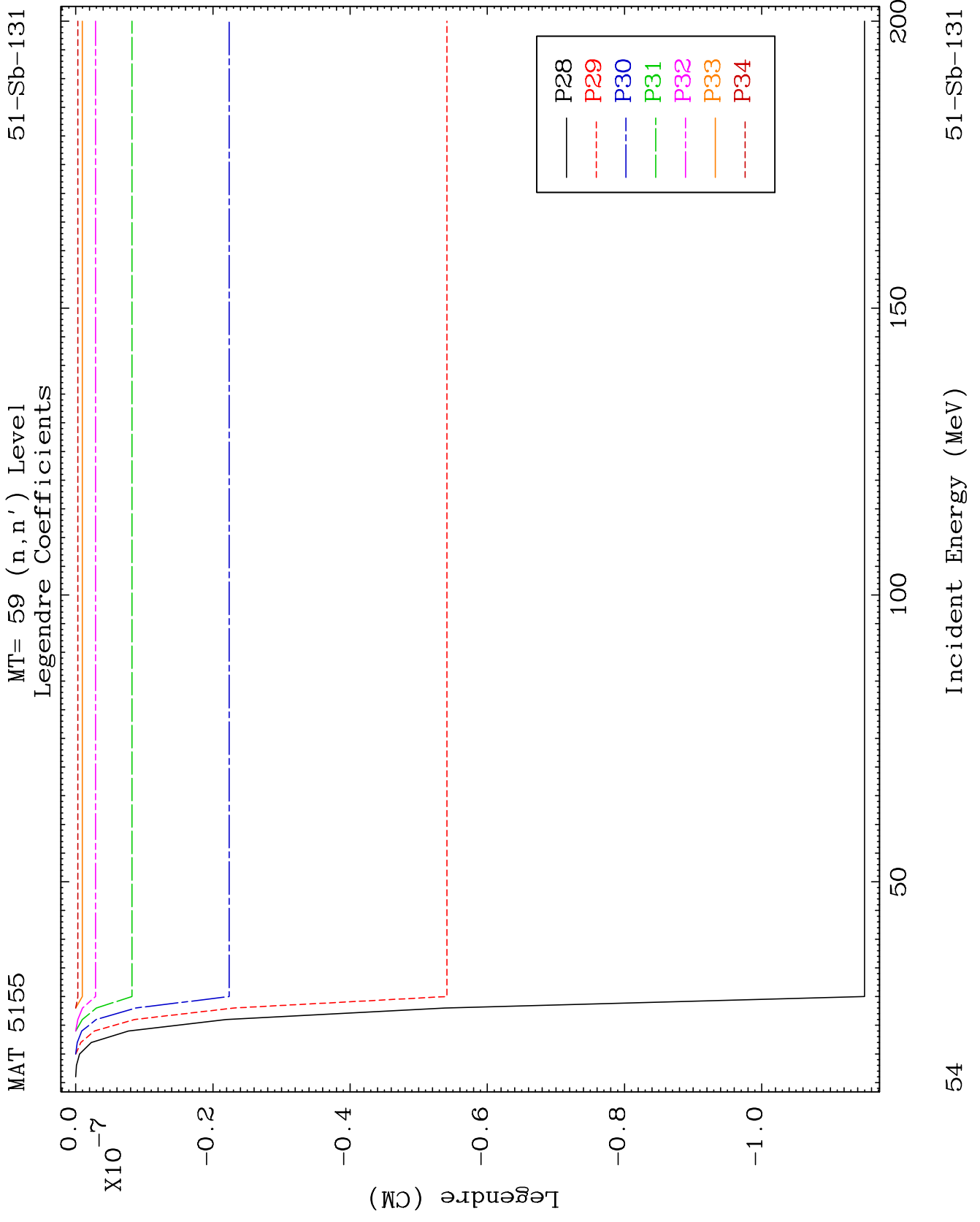
51-Sb-131

Incident Energy (MeV)

51



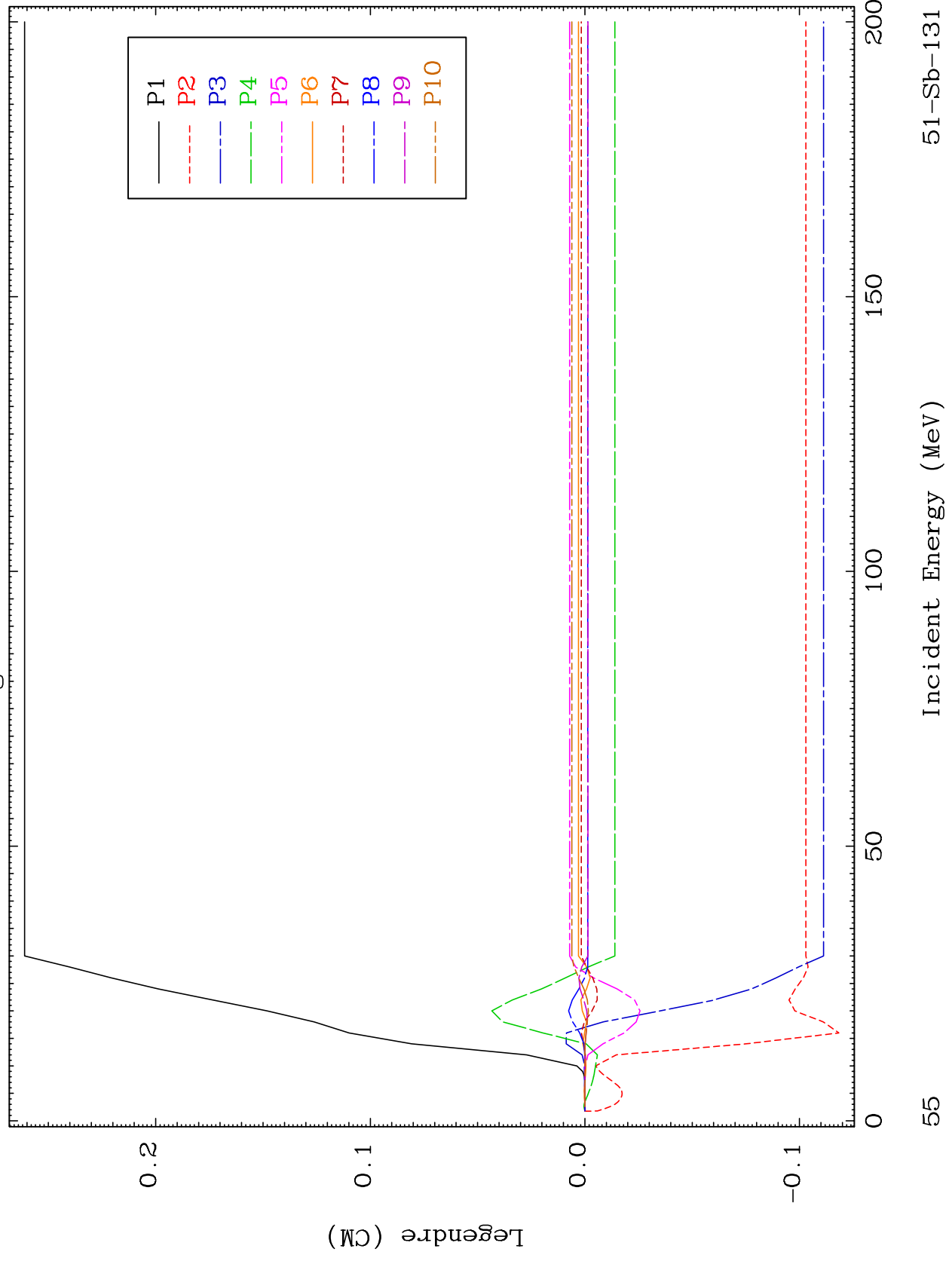




MAT 5155

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

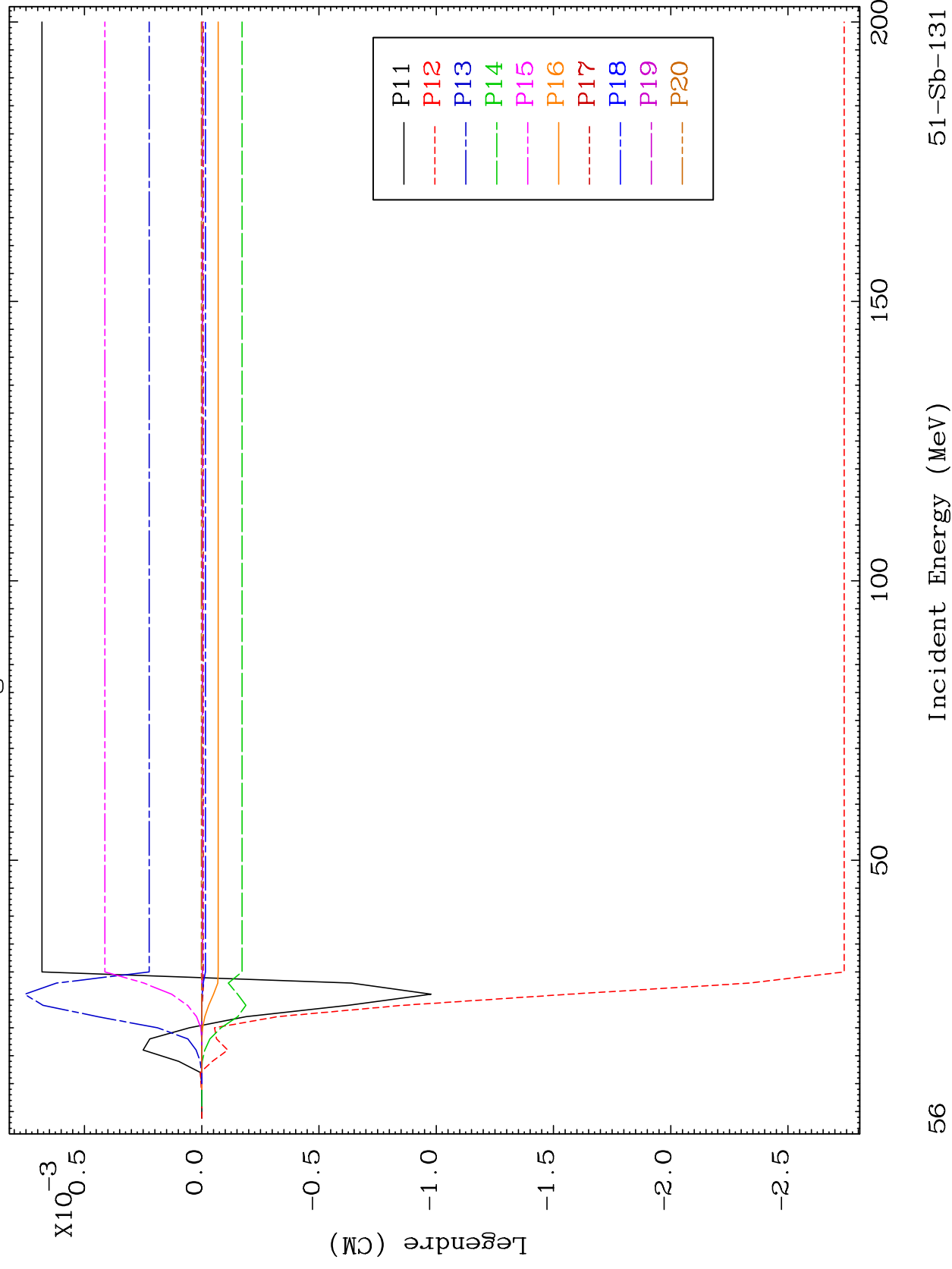
51-Sb-131



51-Sb-131

Incident Energy (MeV)

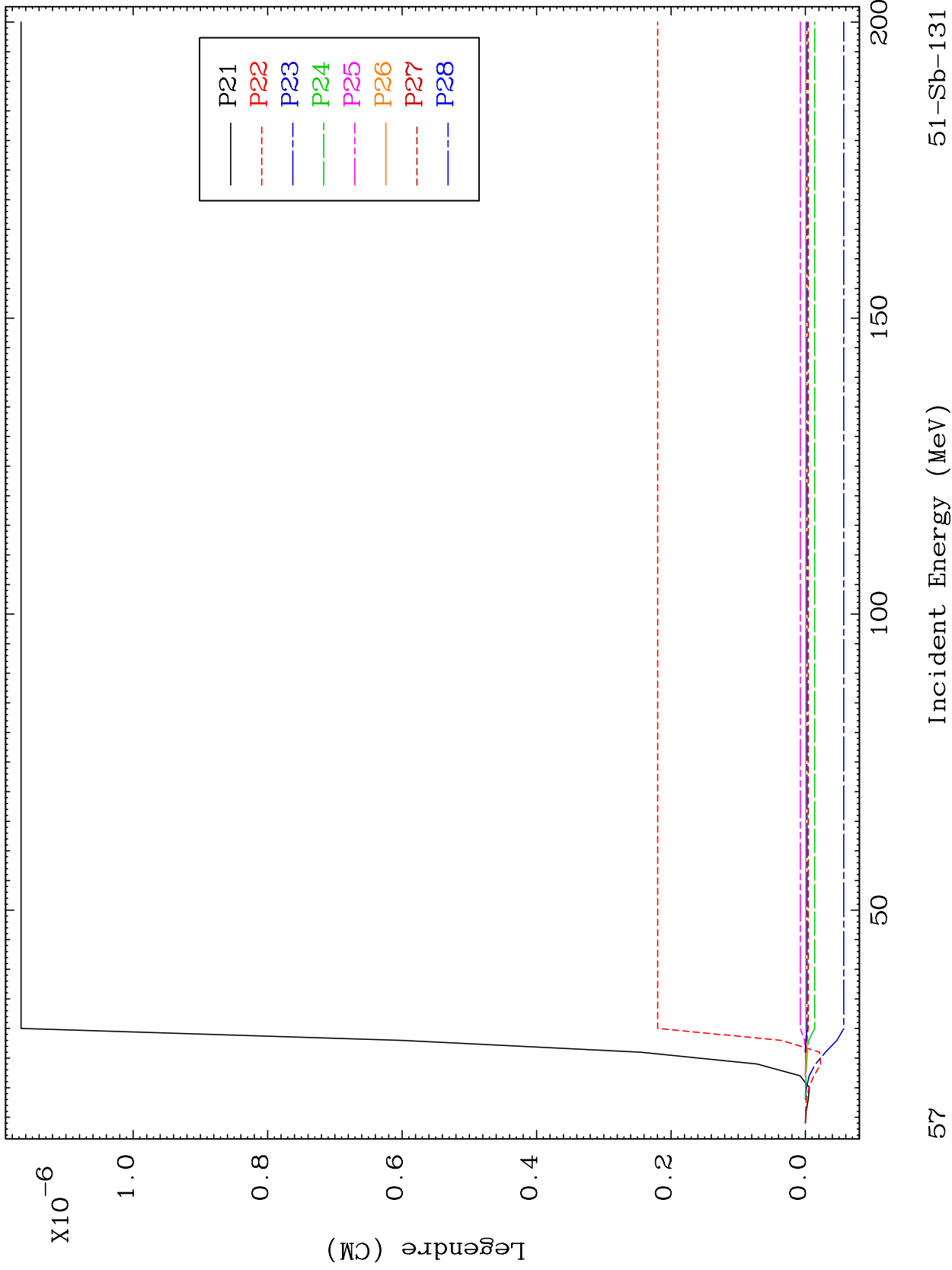
55



MAT 5155

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

51-Sb-131



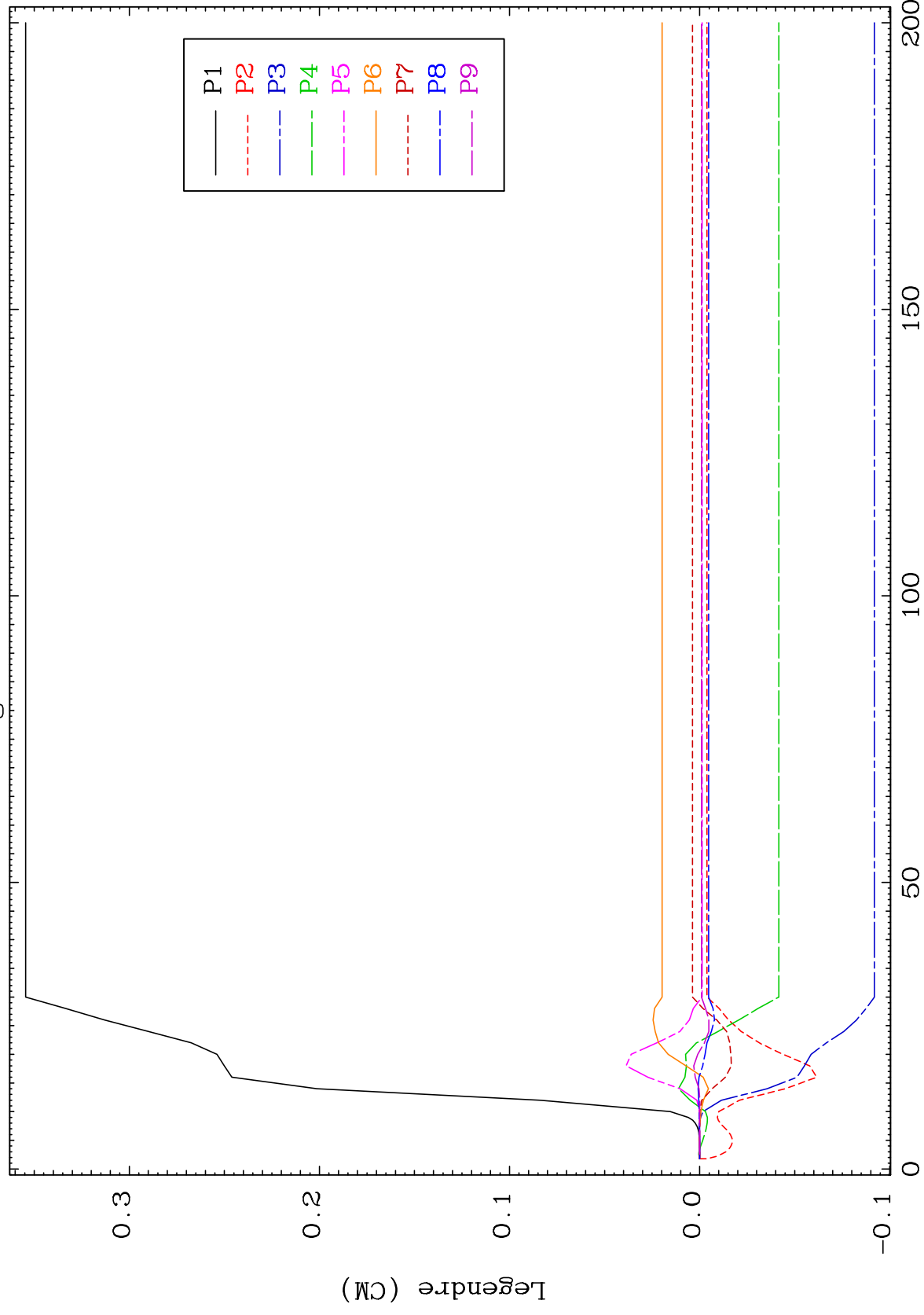
57

51-Sb-131

MAT 5155

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

51-Sb-131



51-Sb-131

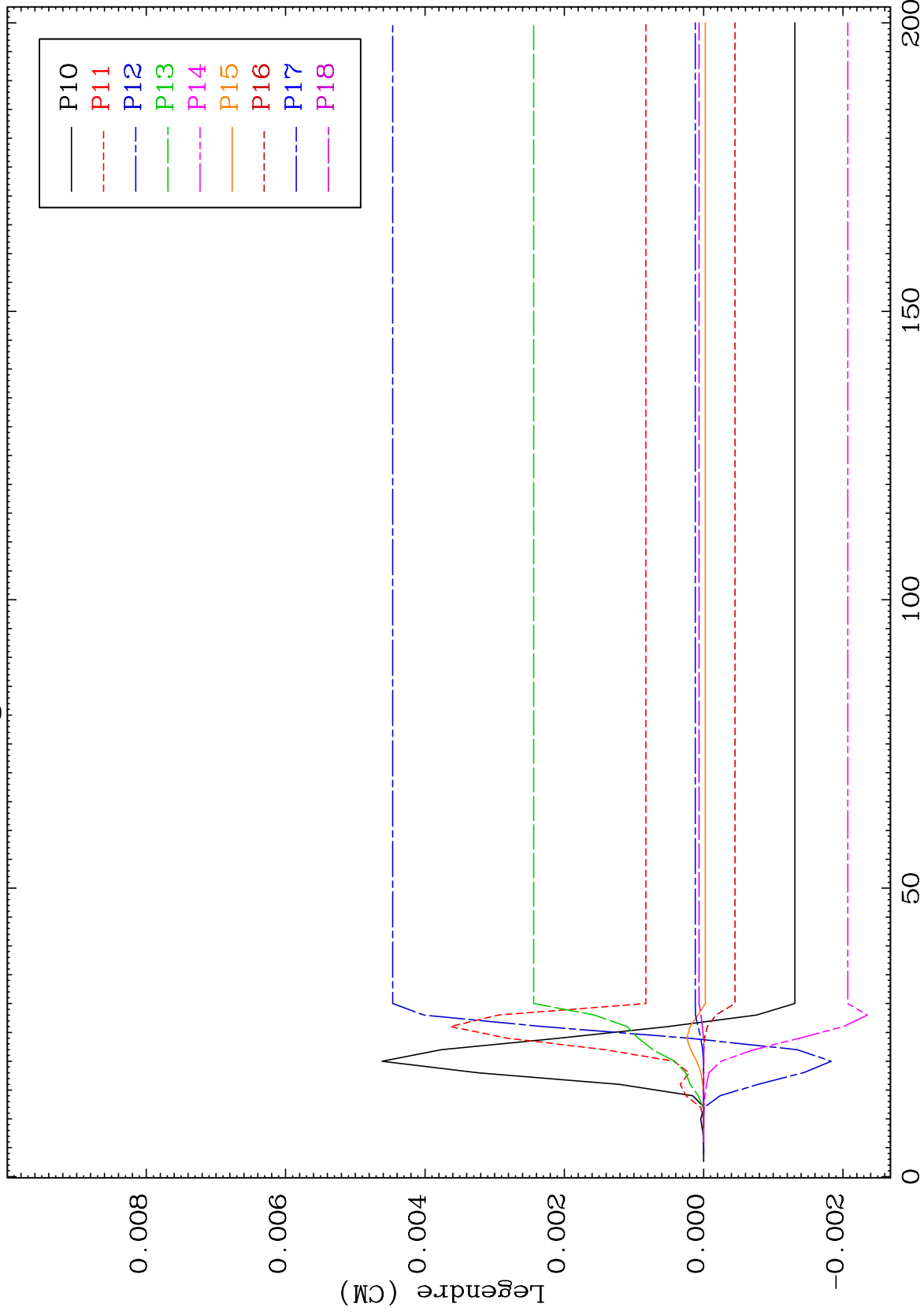
Incident Energy (MeV)

58

MAT 5155

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

51-Sb-131



59

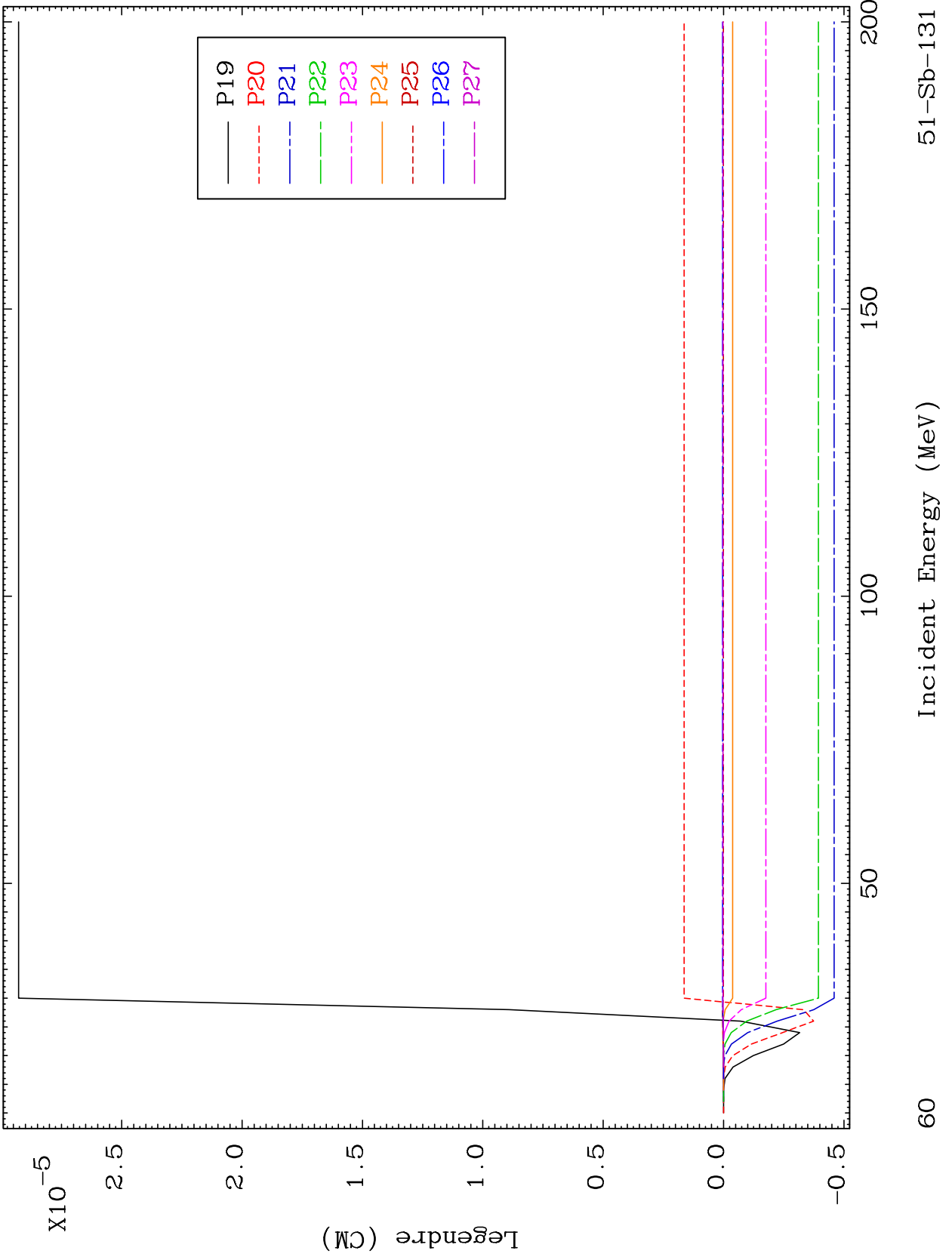
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

51-Sb-131



51-Sb-131

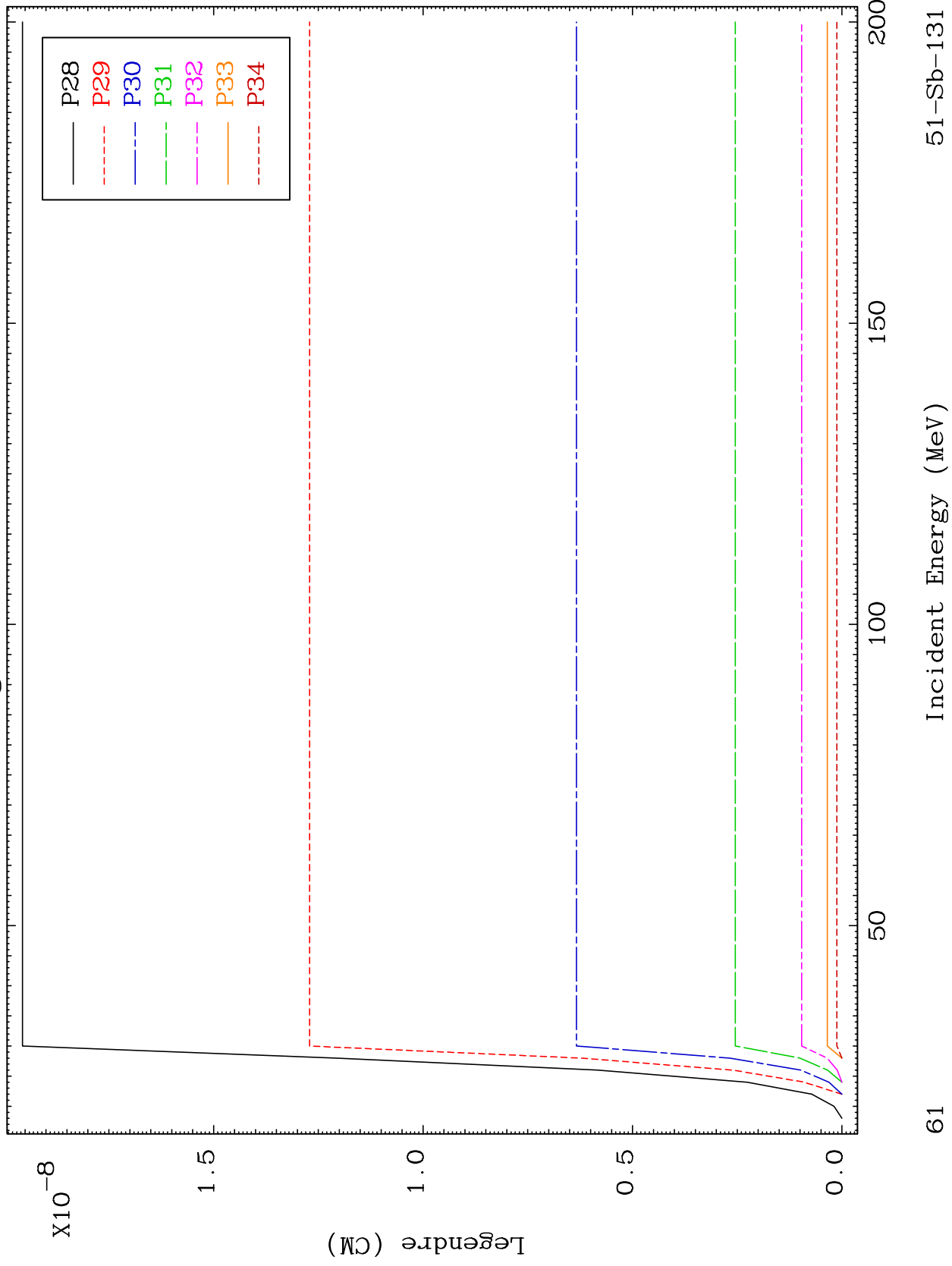
Incident Energy (MeV)

60

MAT 5155

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

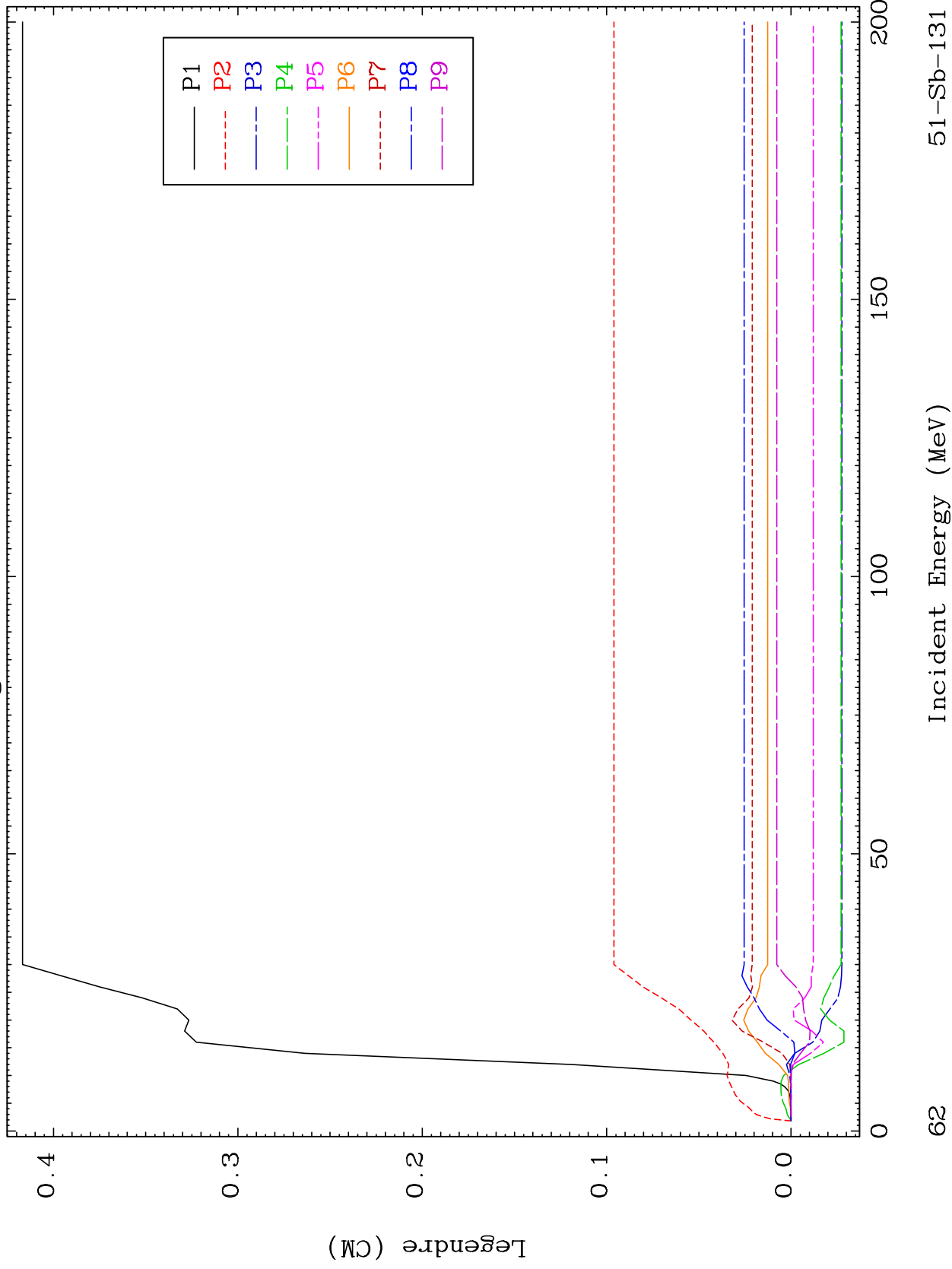
51-Sb-131



MAT 5155

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

51-Sb-131



62

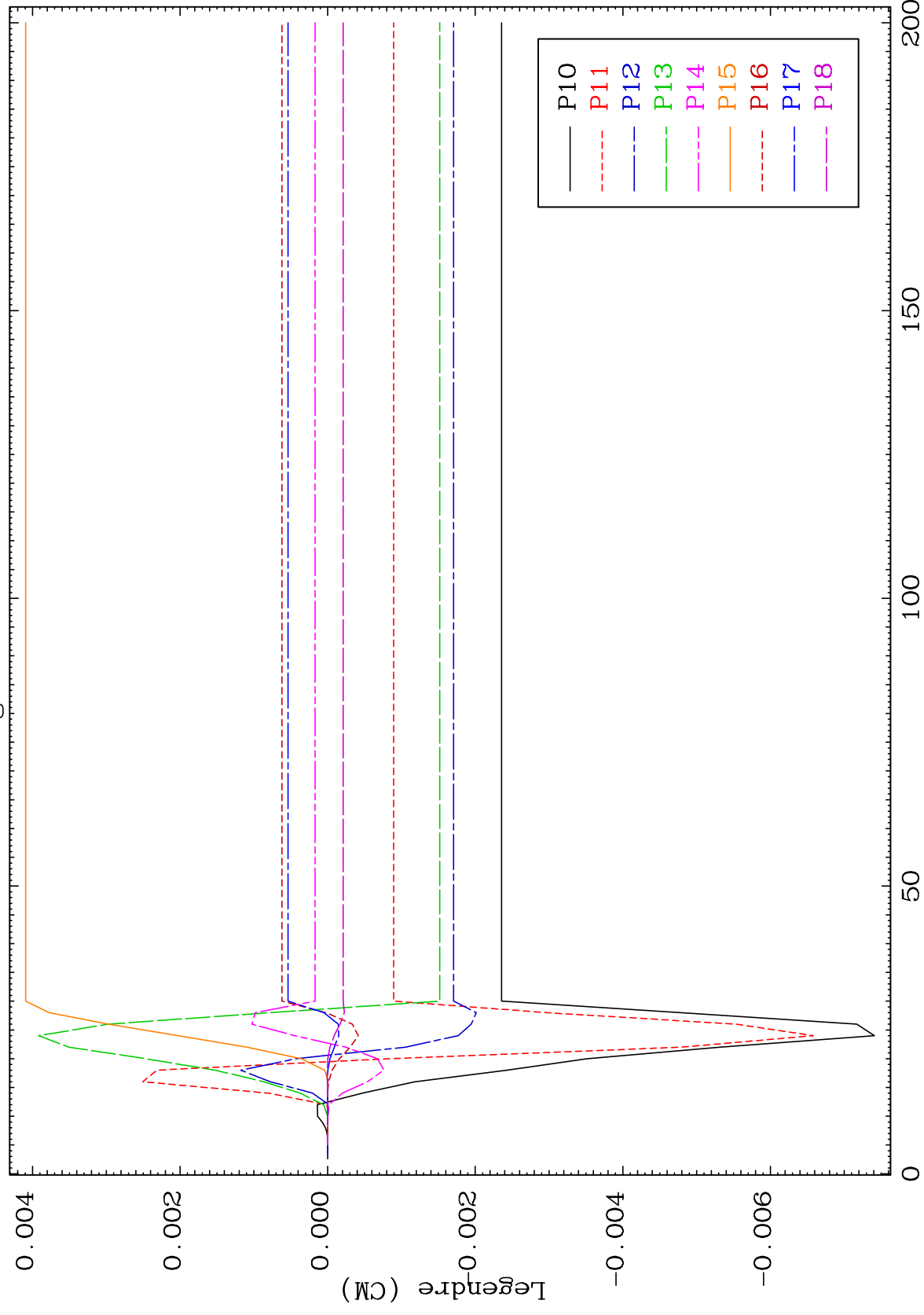
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

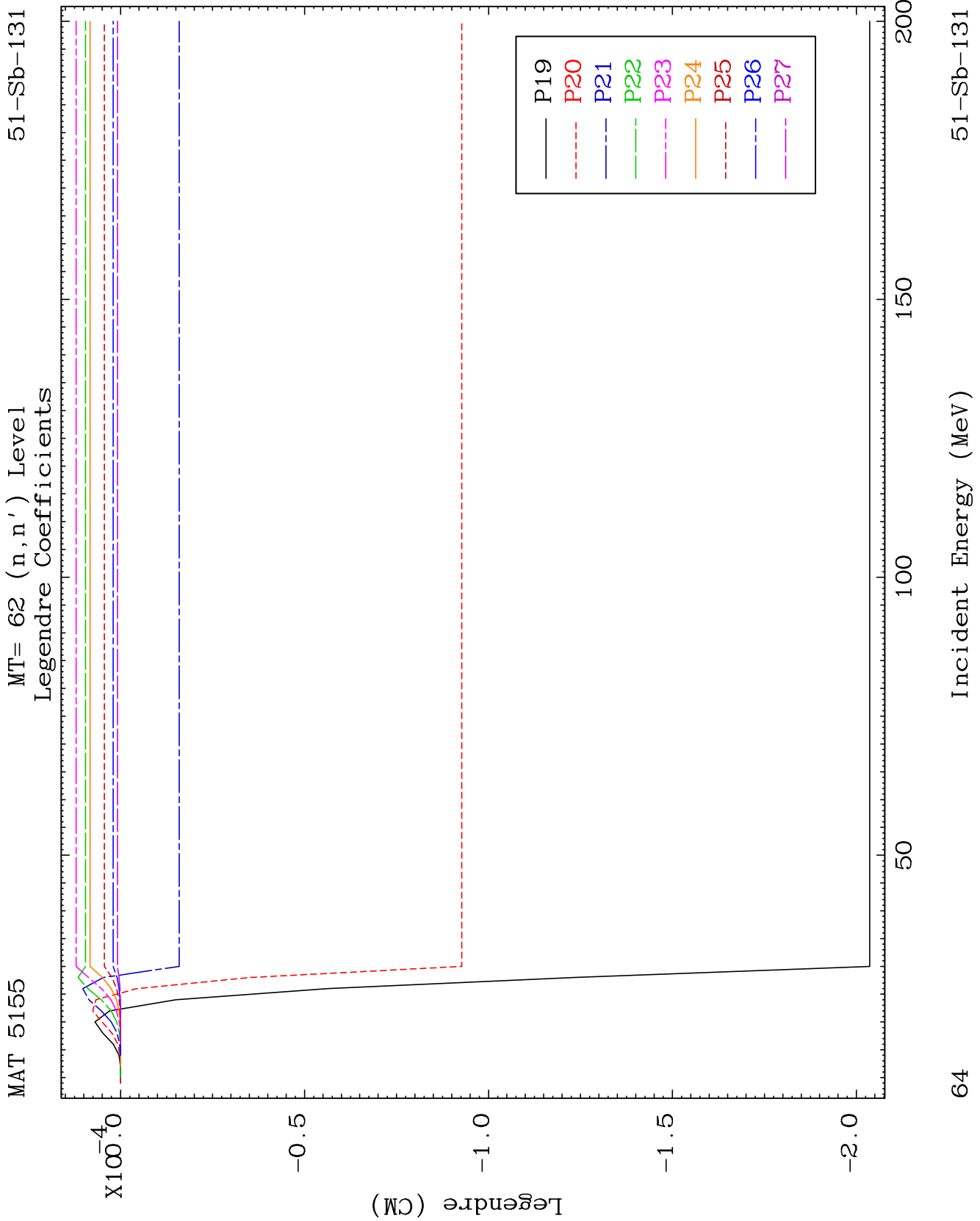
51-Sb-131



63

Incident Energy (MeV)

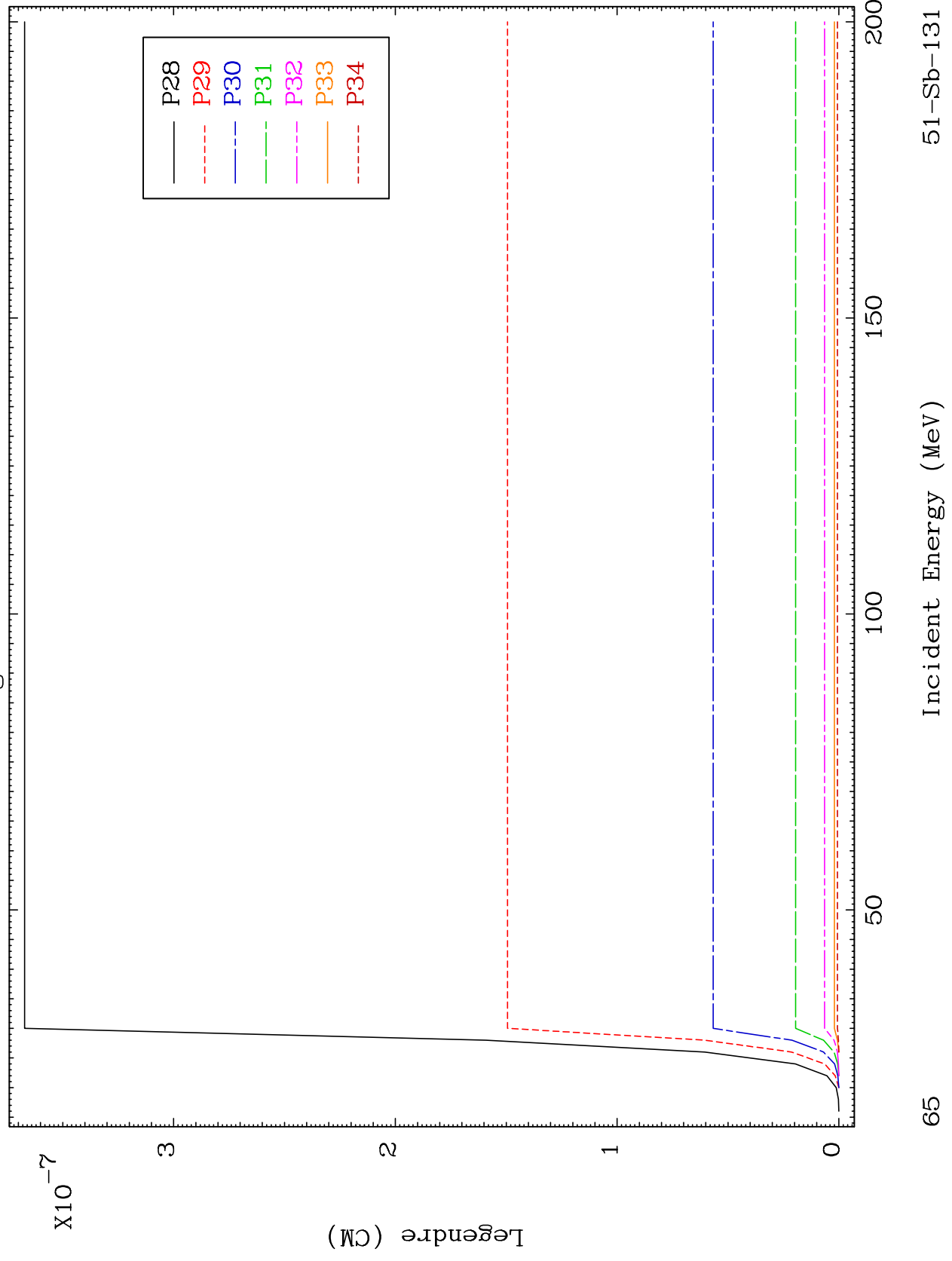
51-Sb-131



MAT 5155

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

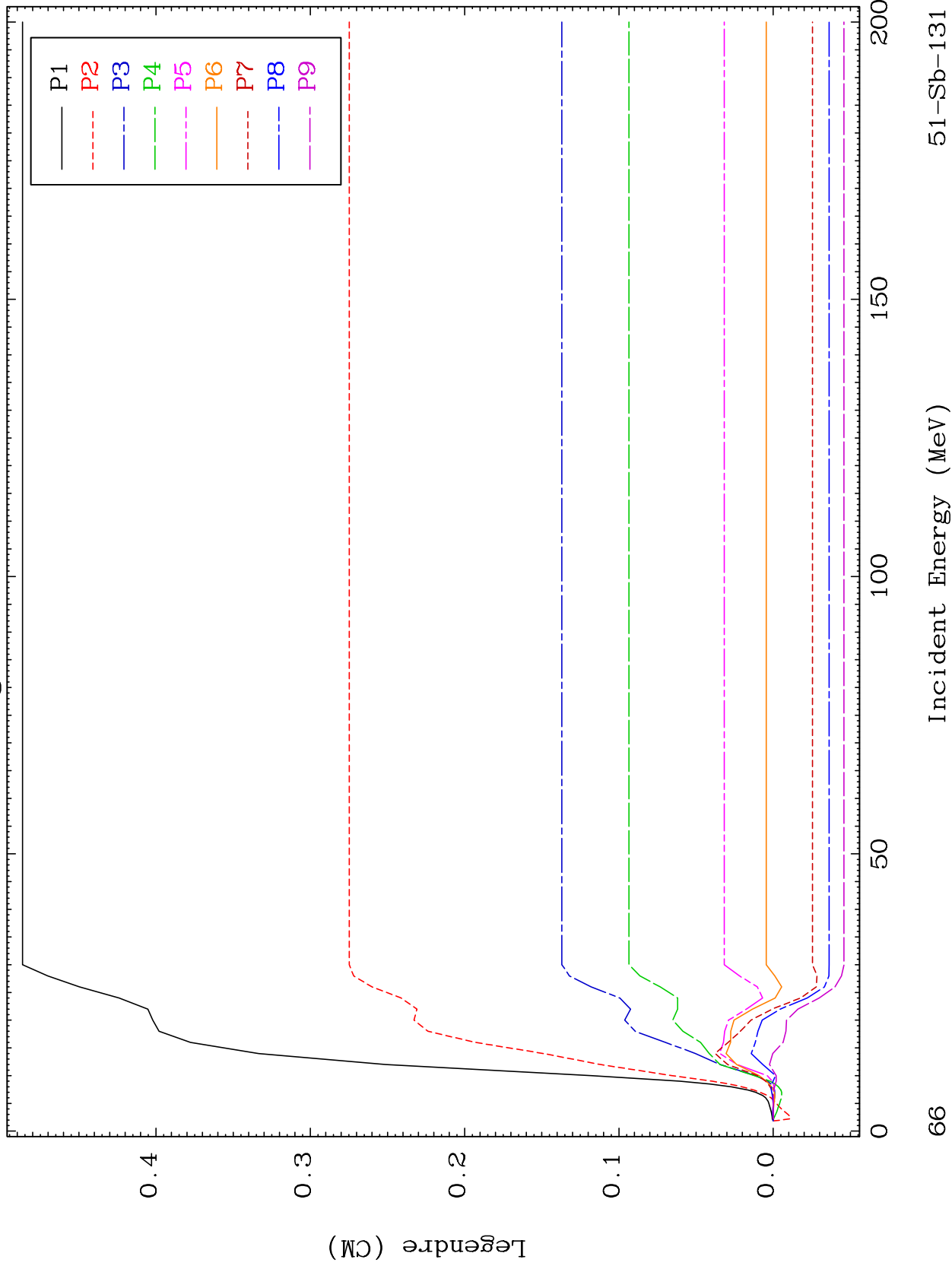
51-Sb-131



MAT 5155

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

51-Sb-131

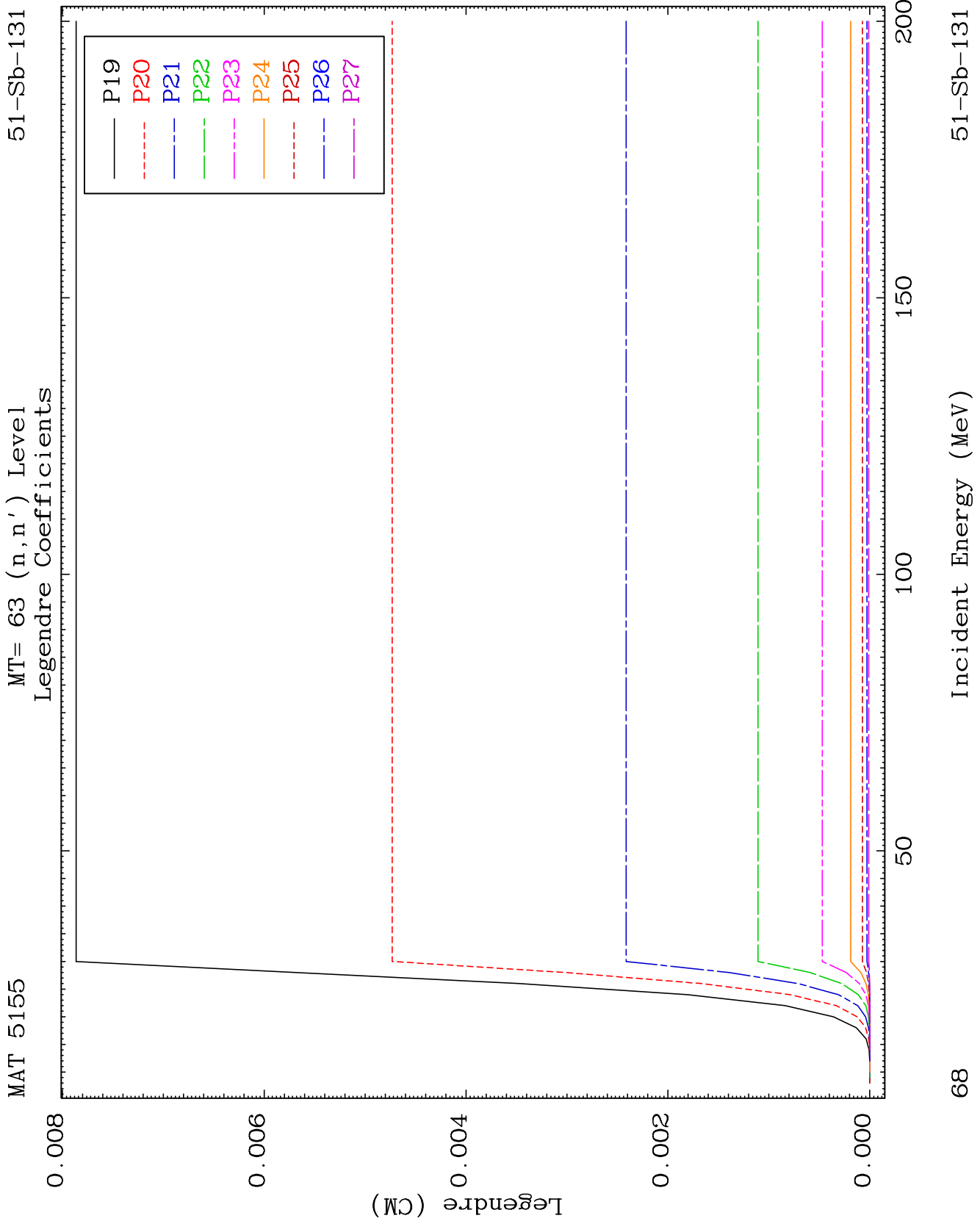


51-Sb-131

Incident Energy (MeV)

66

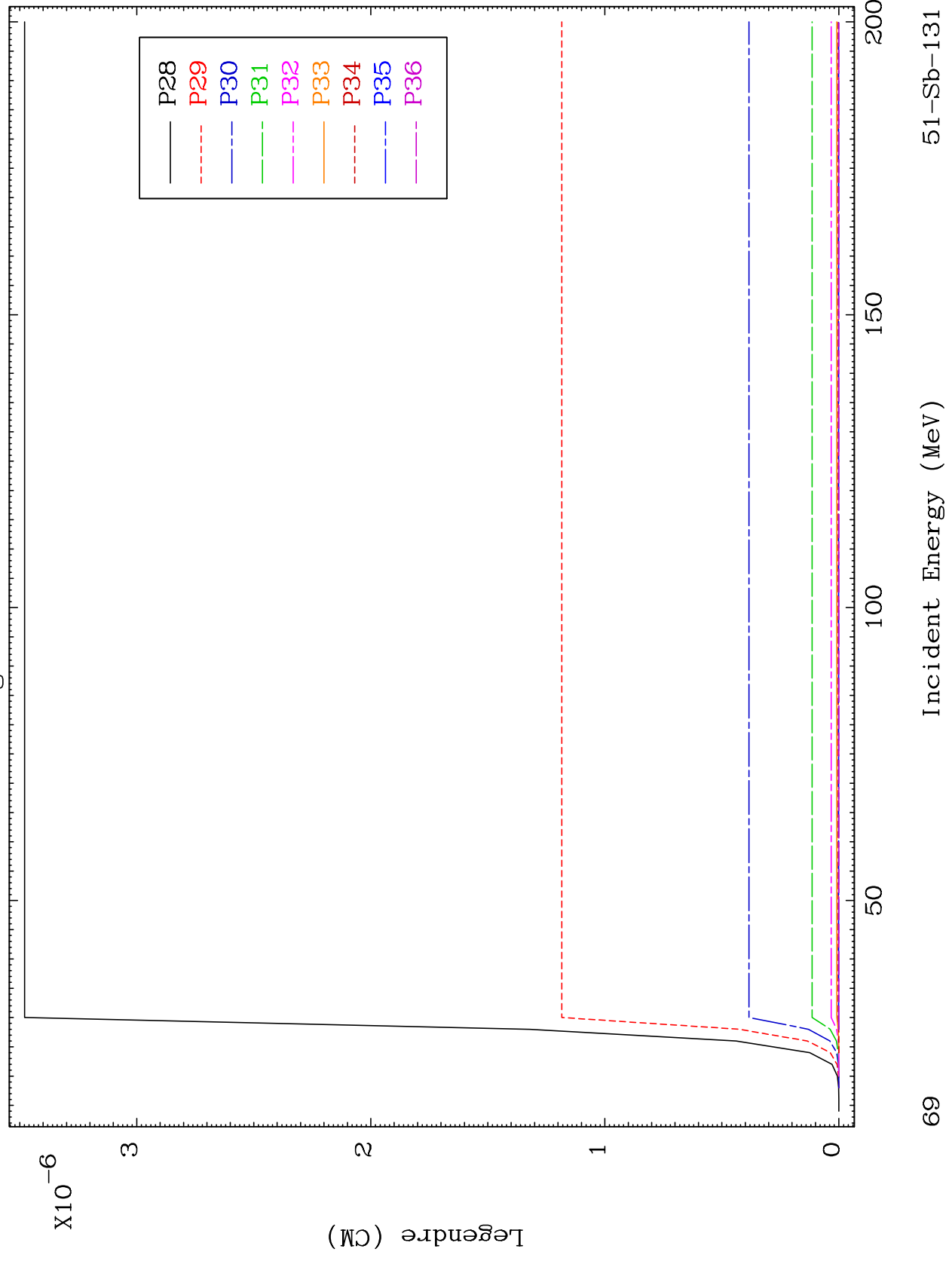




MAT 5155

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

51-Sb-131



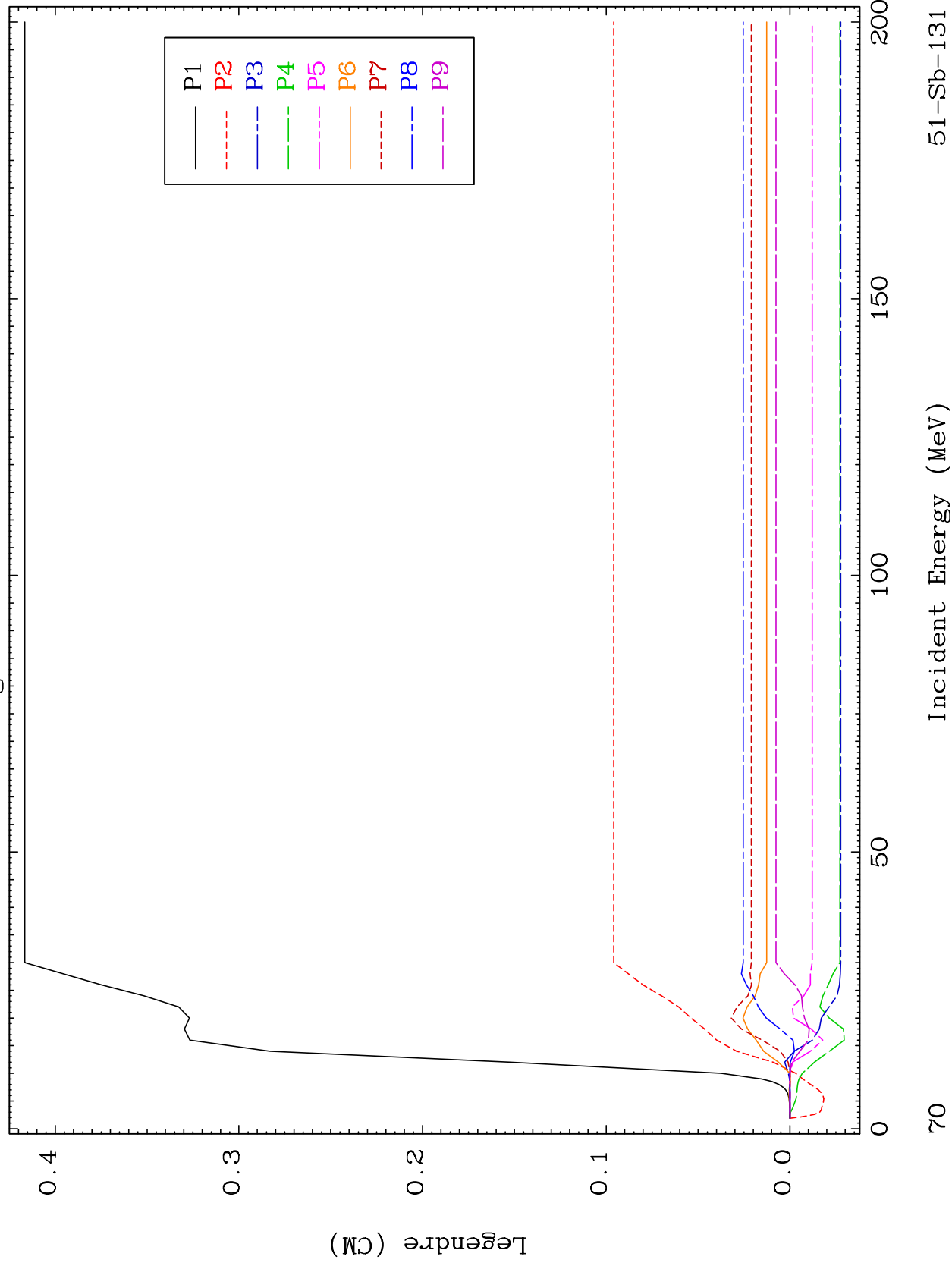
69

51-Sb-131

MAT 5155

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

51-Sb-131



51-Sb-131

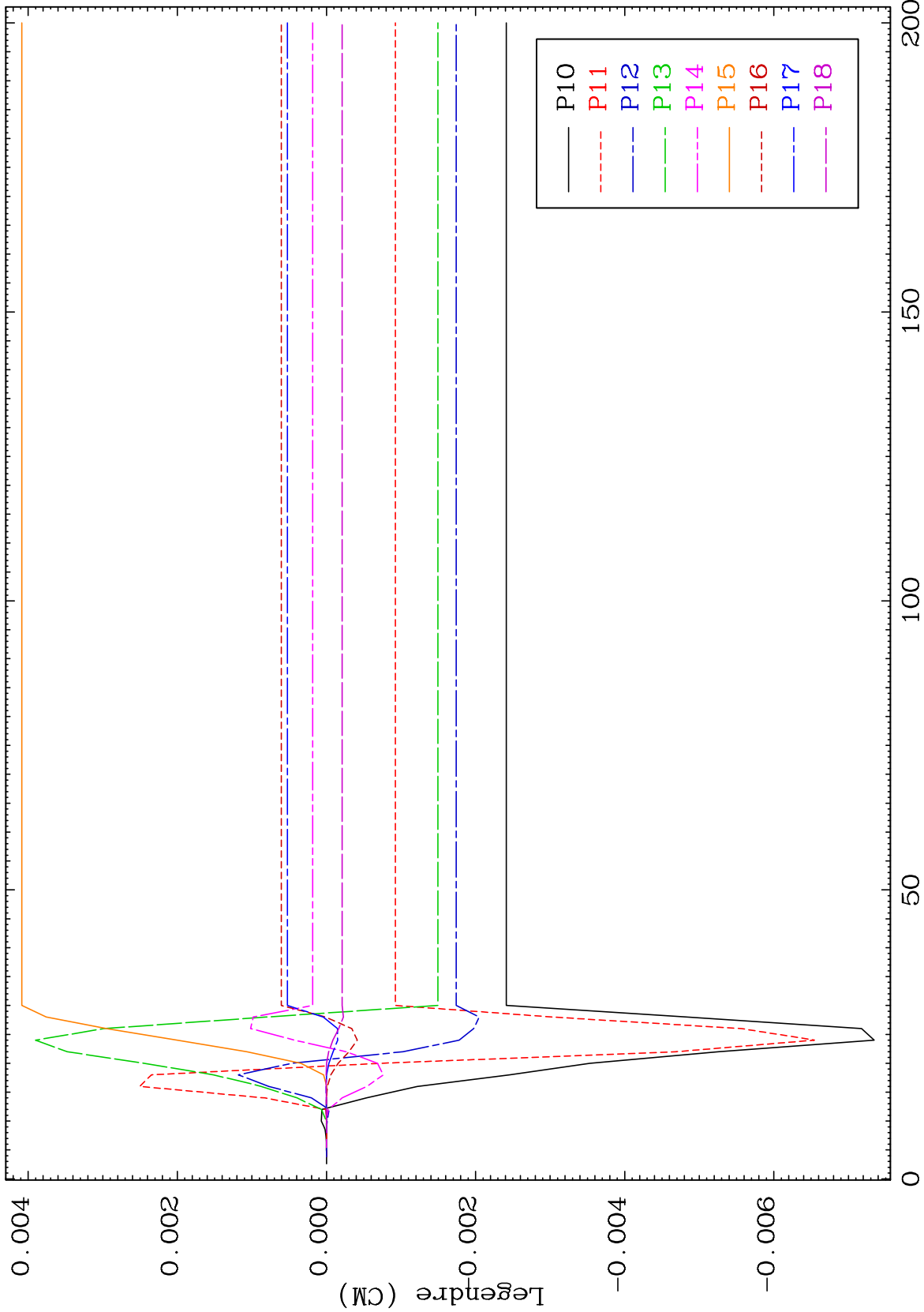
Incident Energy (MeV)

70

MAT 5155

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

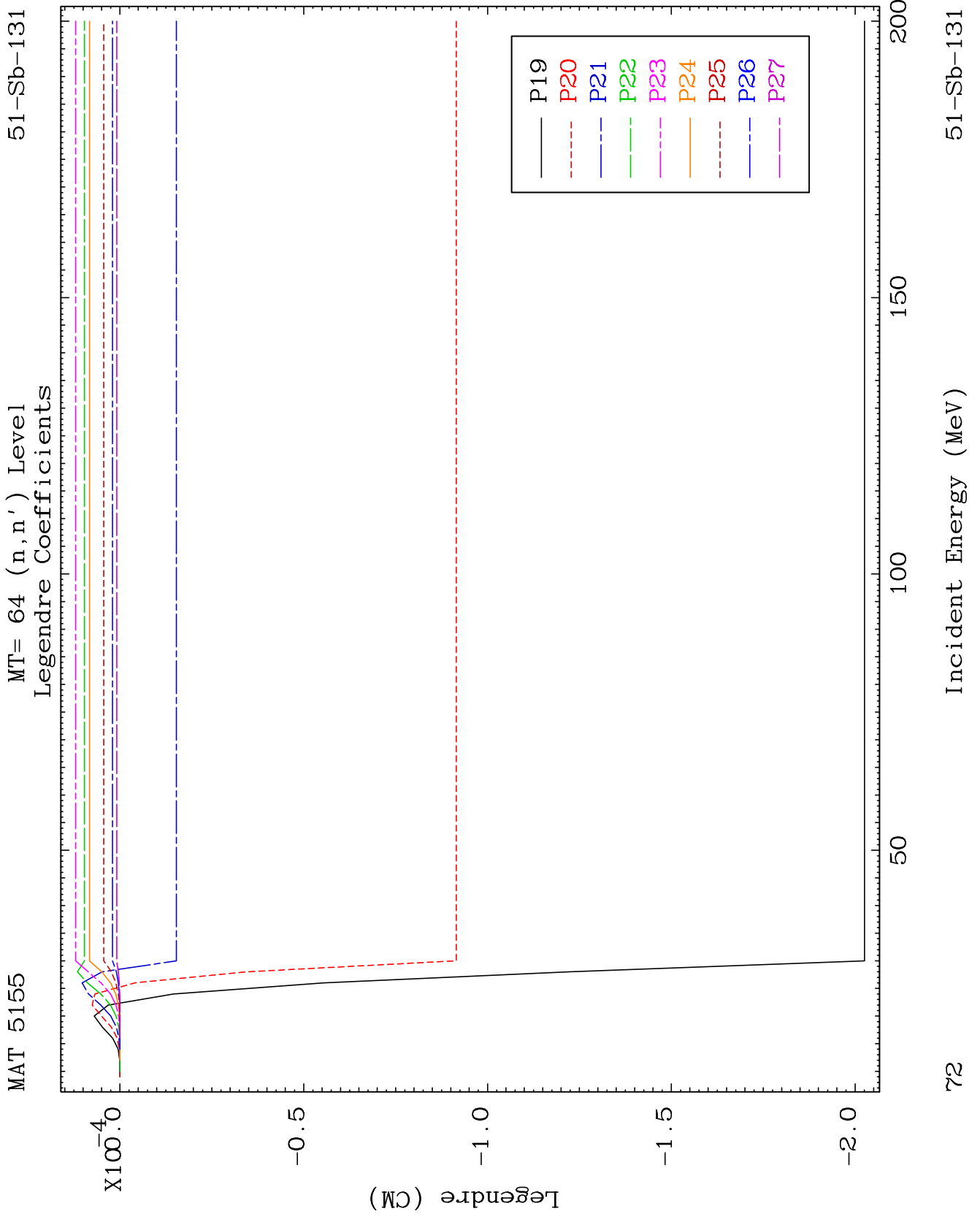
51-Sb-131



71

Incident Energy (MeV)

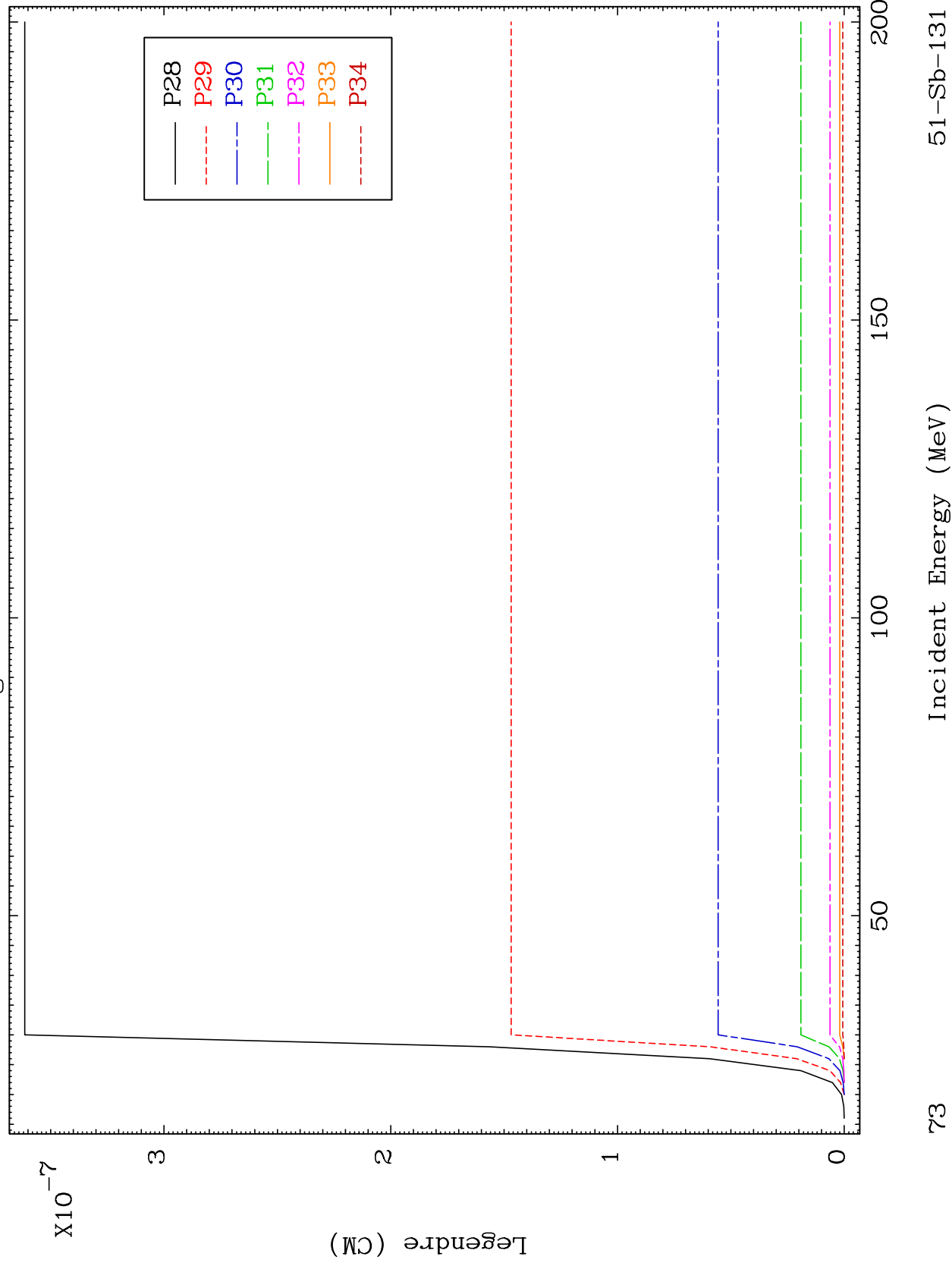
51-Sb-131



MAT 5155

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

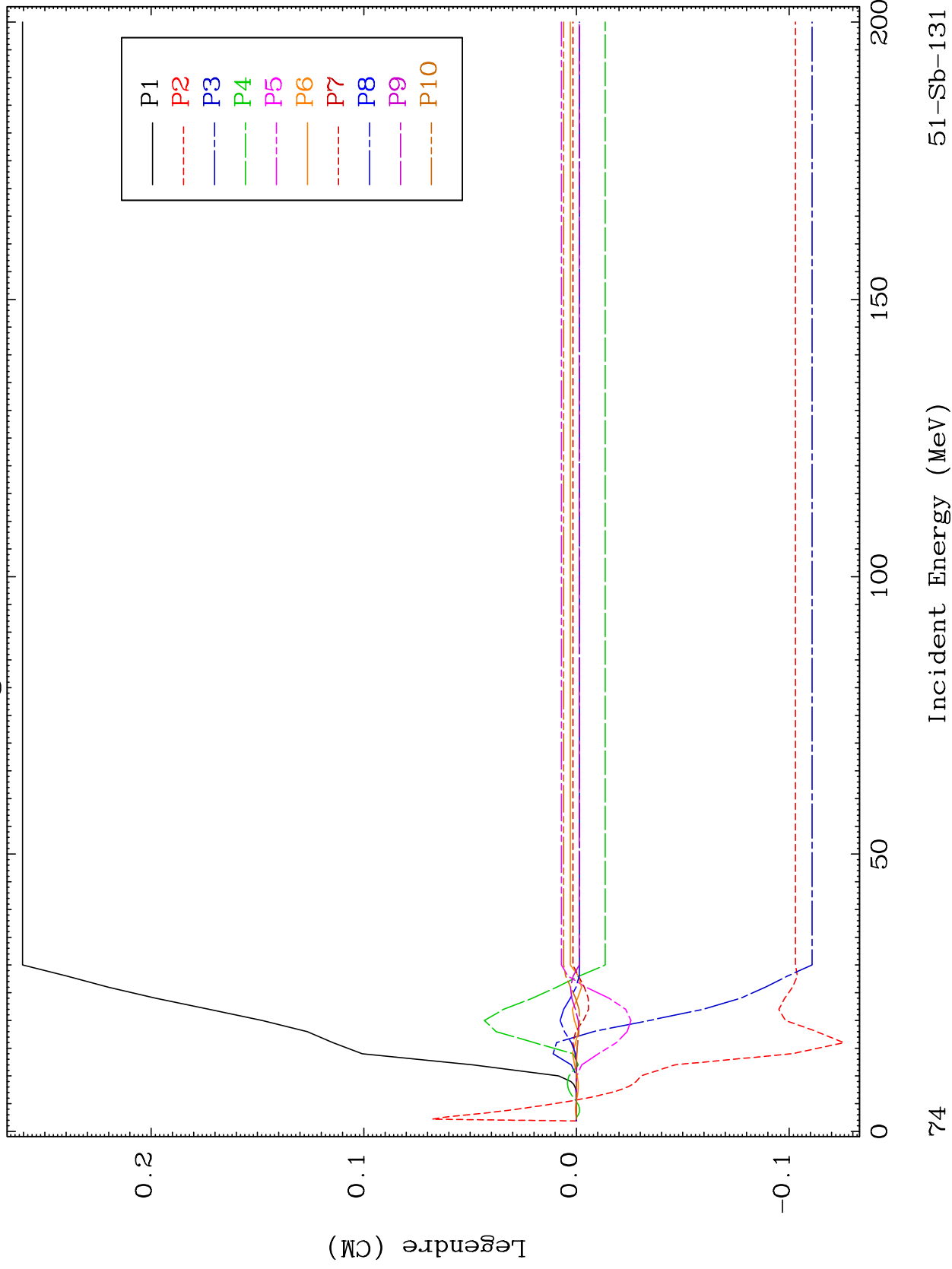
51-Sb-131



MAT 5155

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

51-Sb-131



51-Sb-131

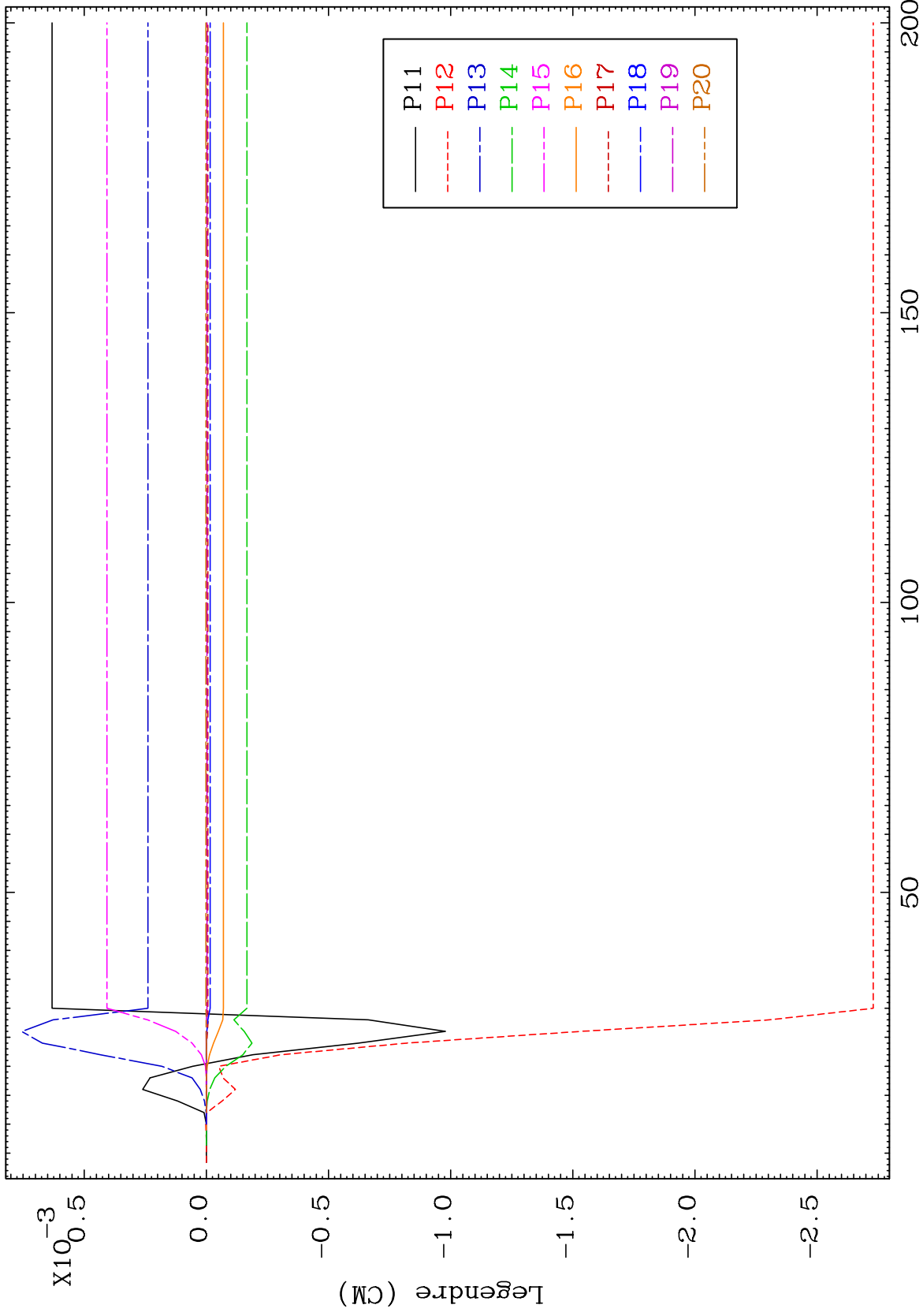
Incident Energy (MeV)

74

MAT 5155

51-Sb-131

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



75

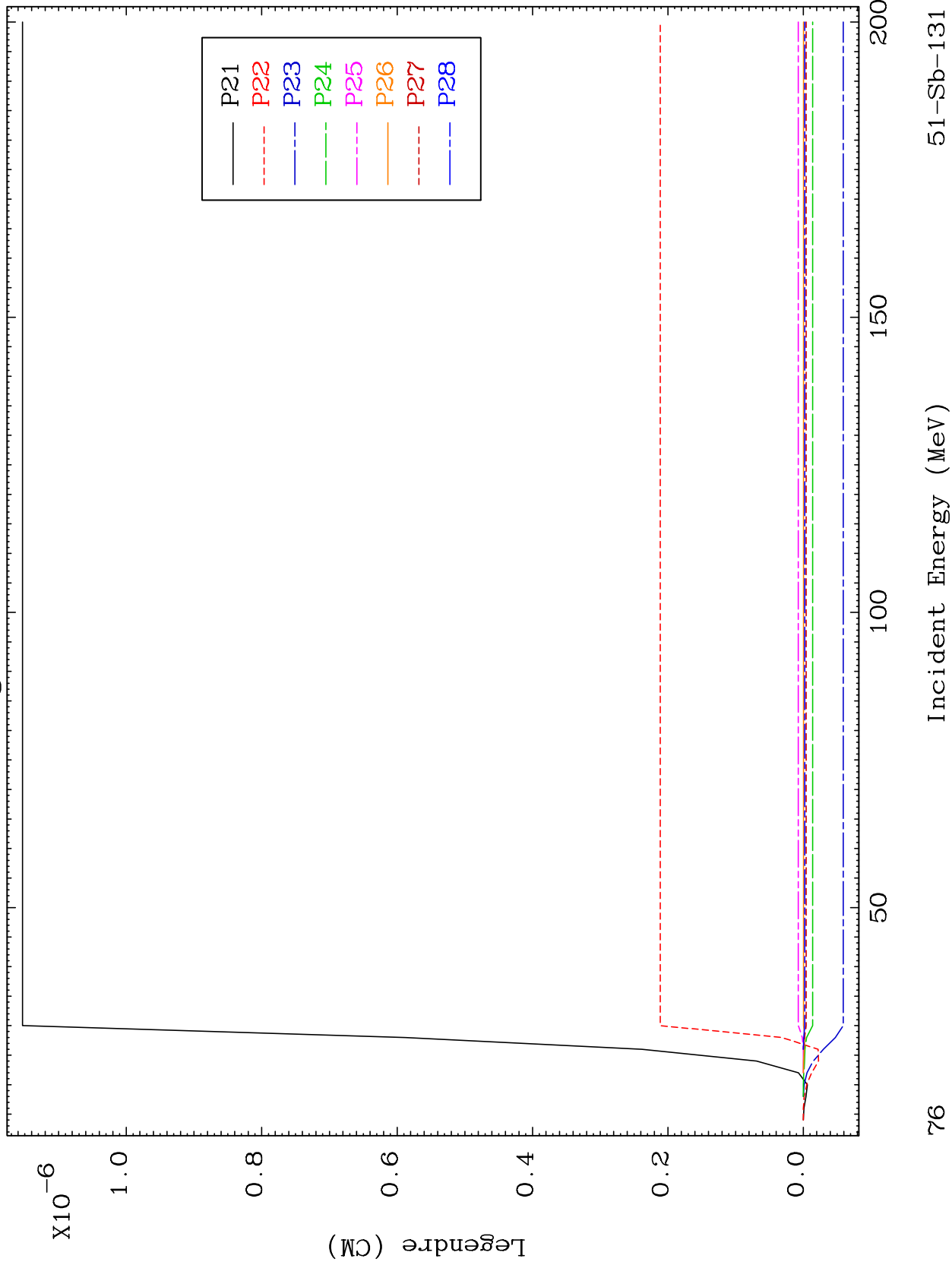
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

51-Sb-131



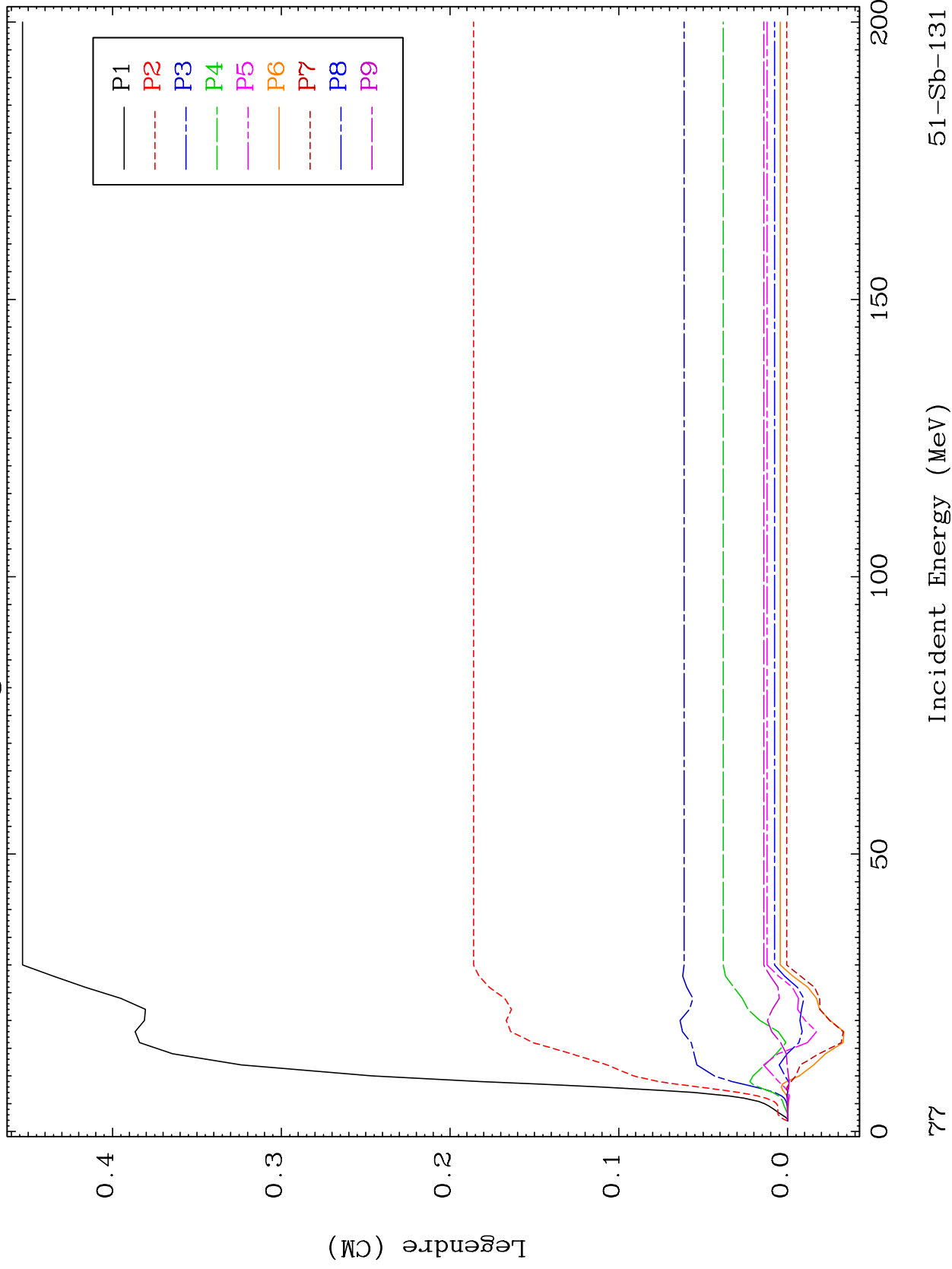
76

51-Sb-131

MAT 5155

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

51-Sb-131



77

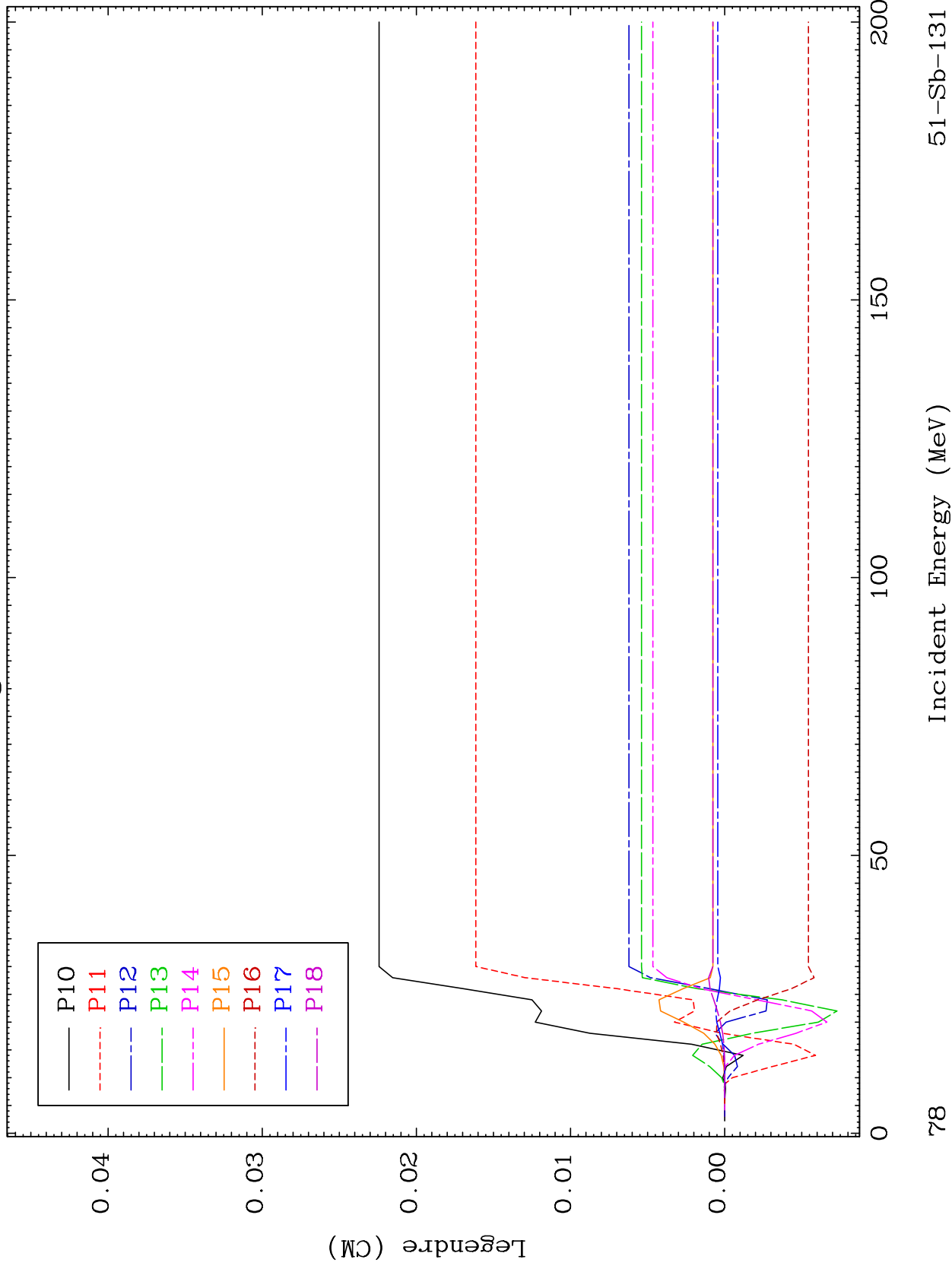
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

51-Sb-131



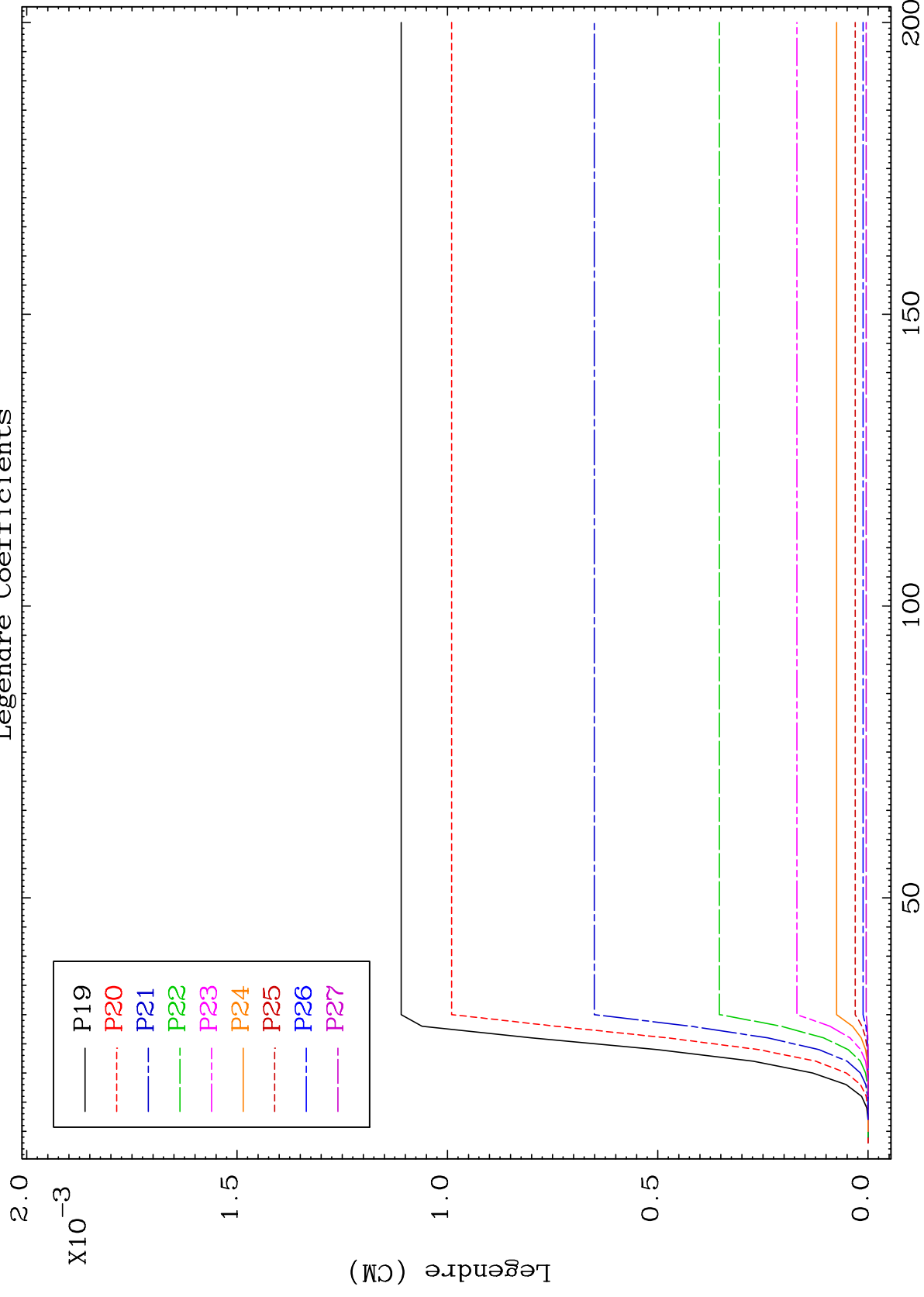
78

51-Sb-131

MAT 5155

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

51-Sb-131



79

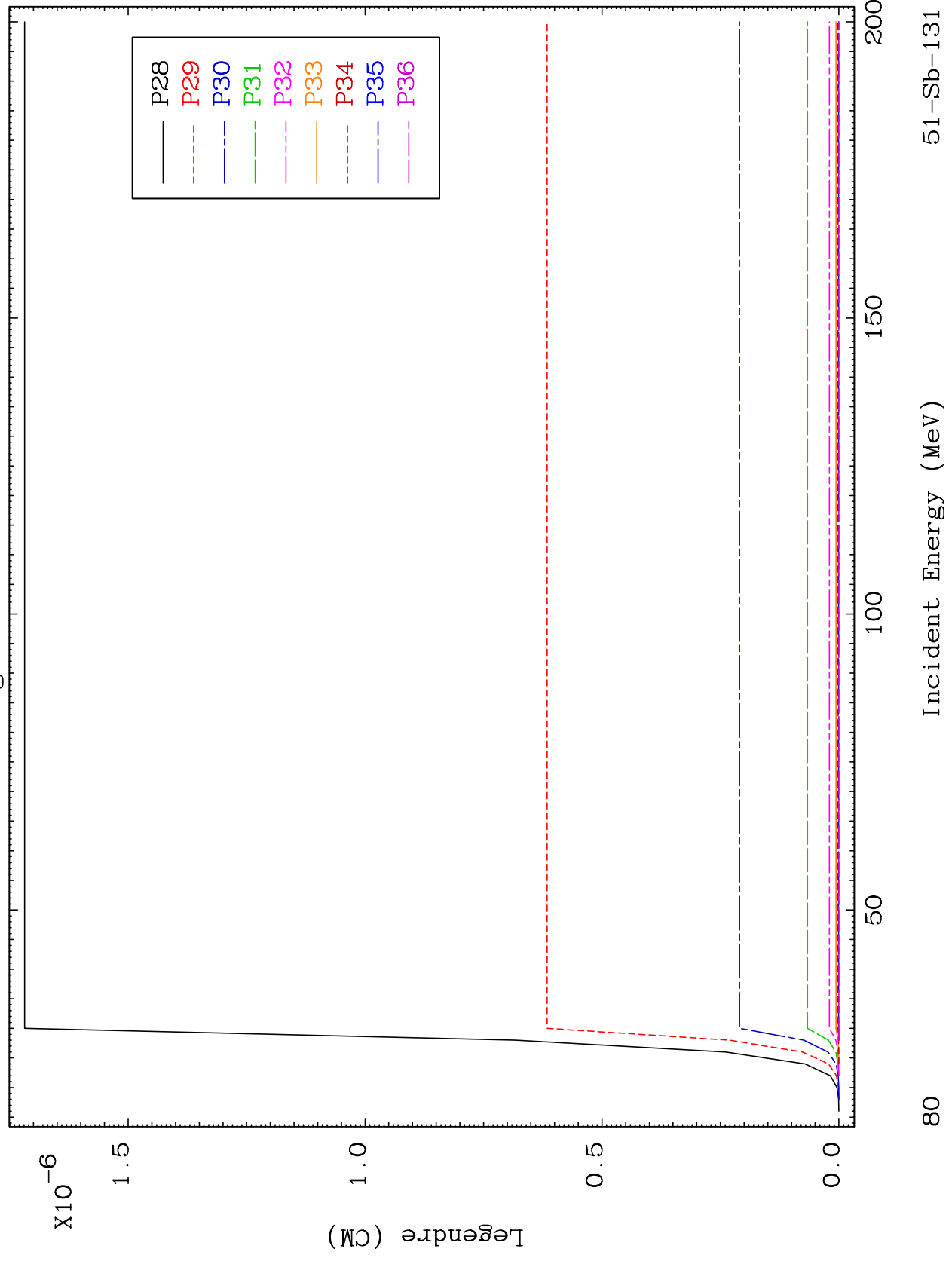
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

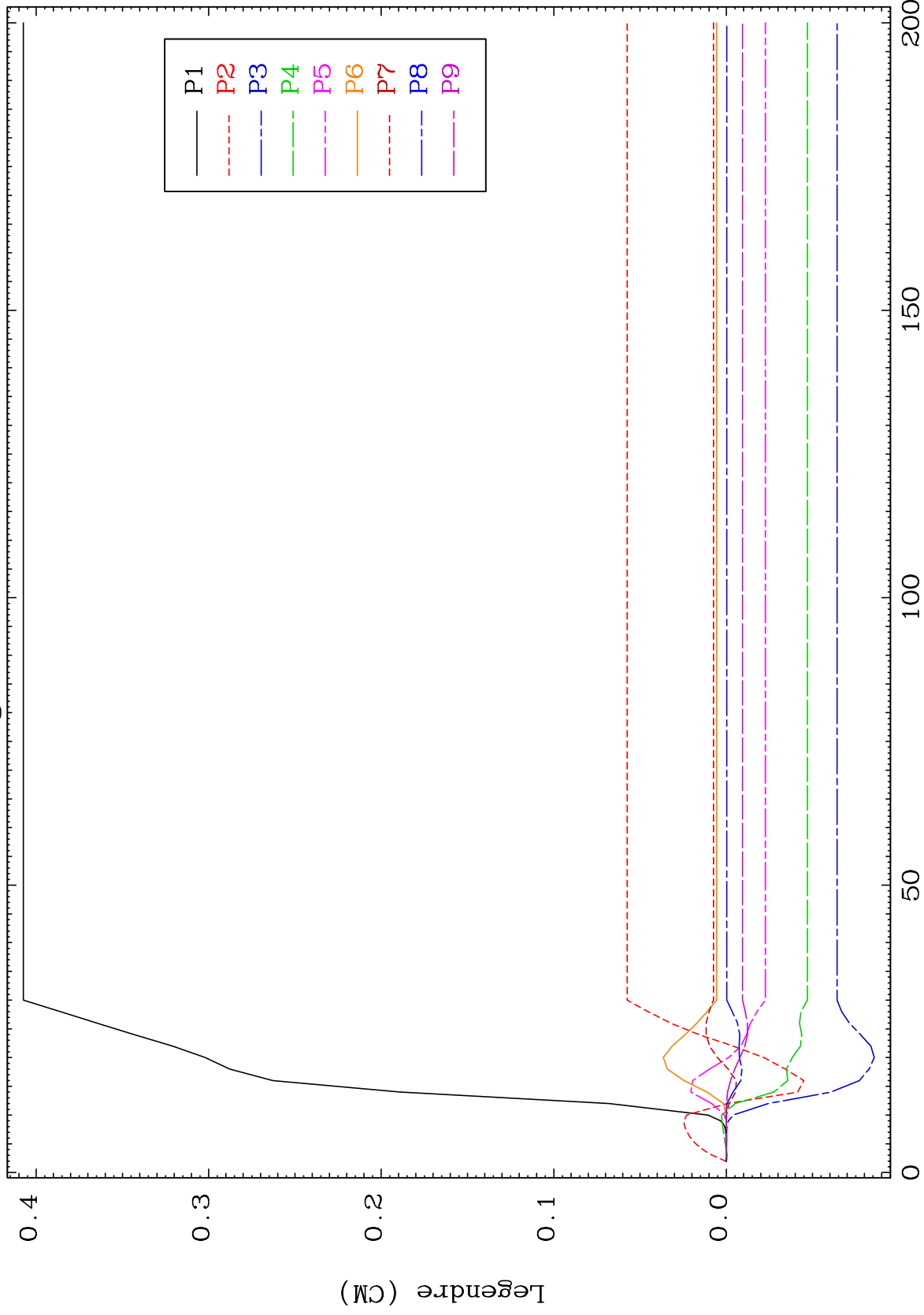
51-Sb-131



MAT 5155

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

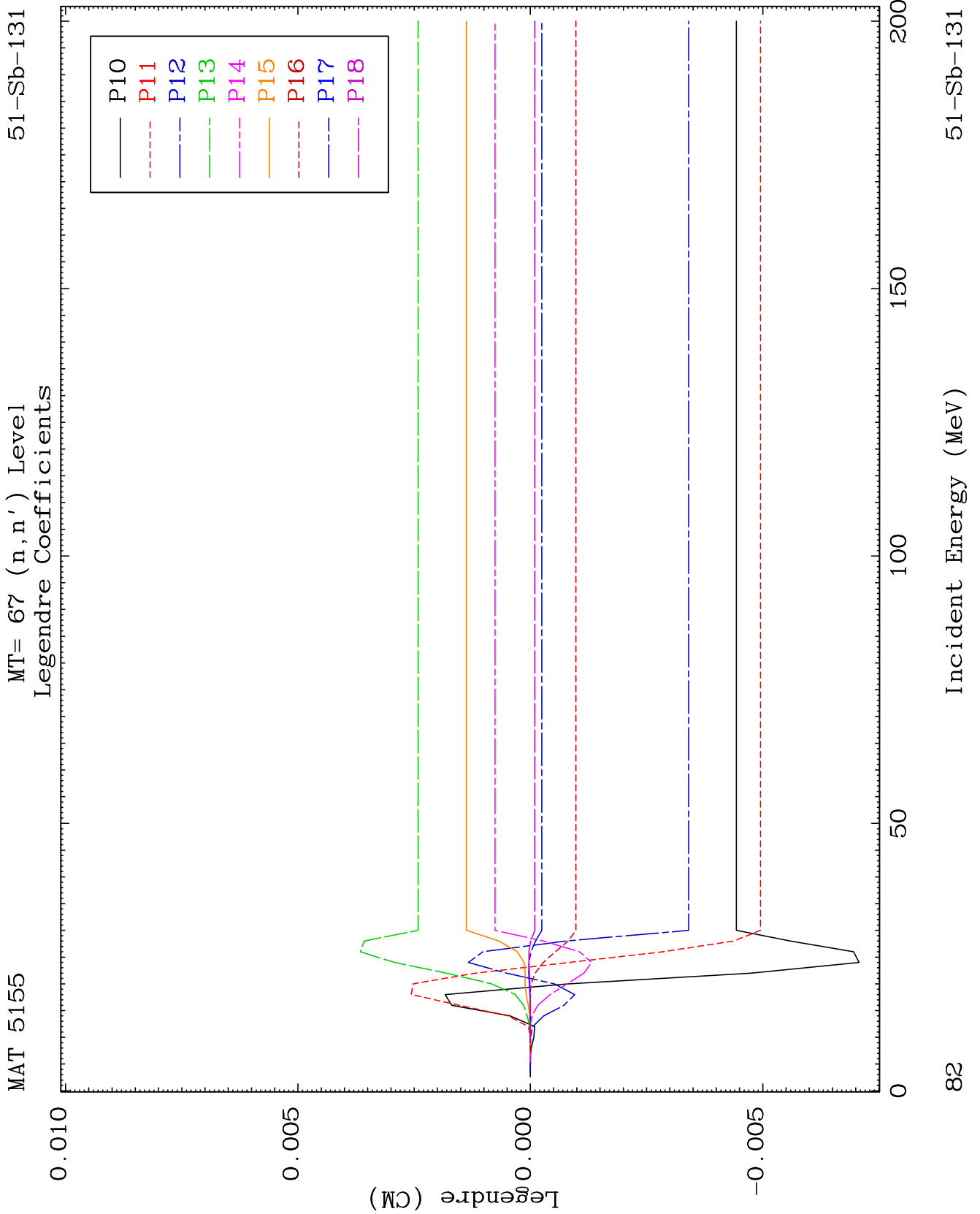
51-Sb-131



81

Incident Energy (MeV)

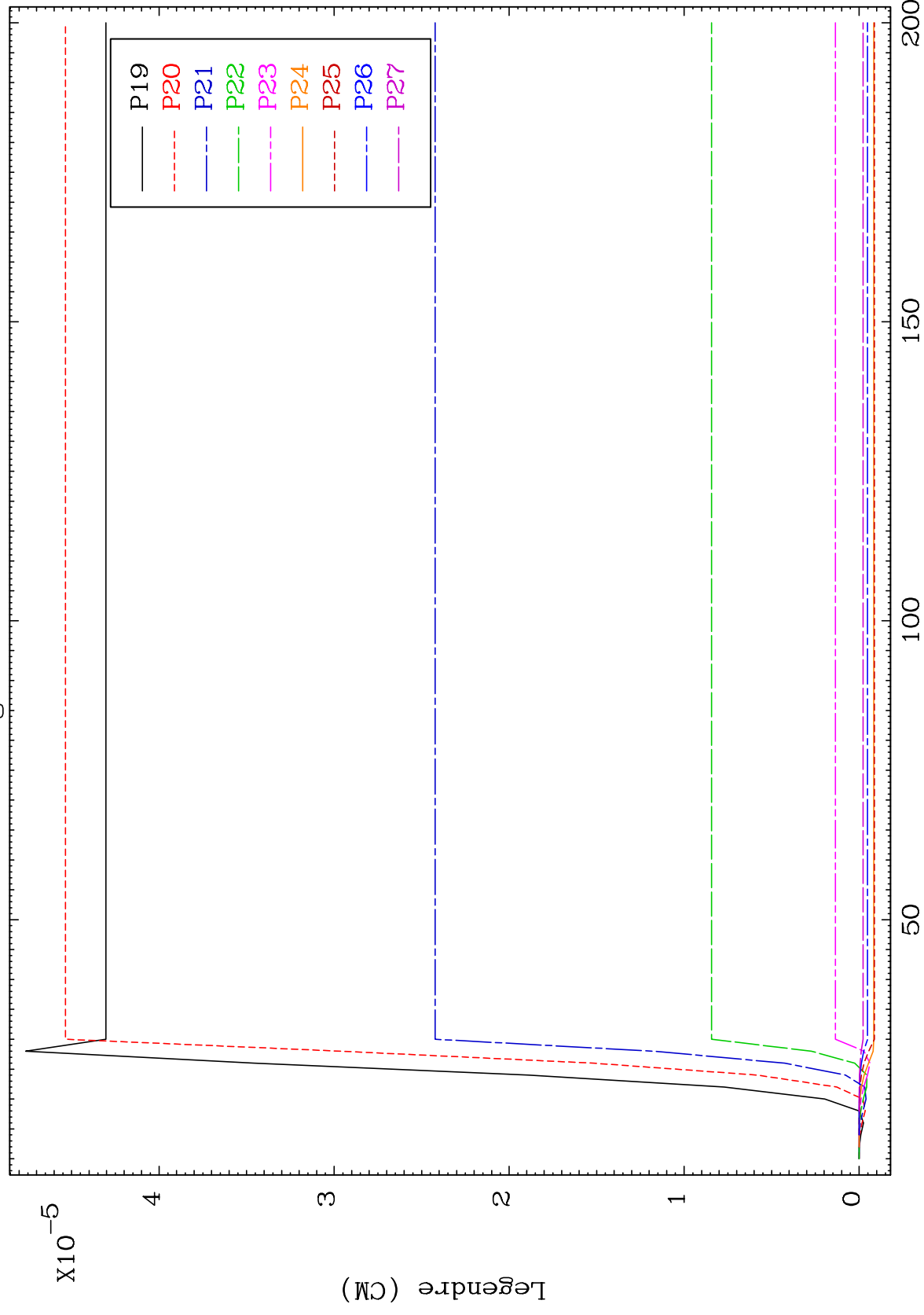
51-Sb-131



MAT 5155

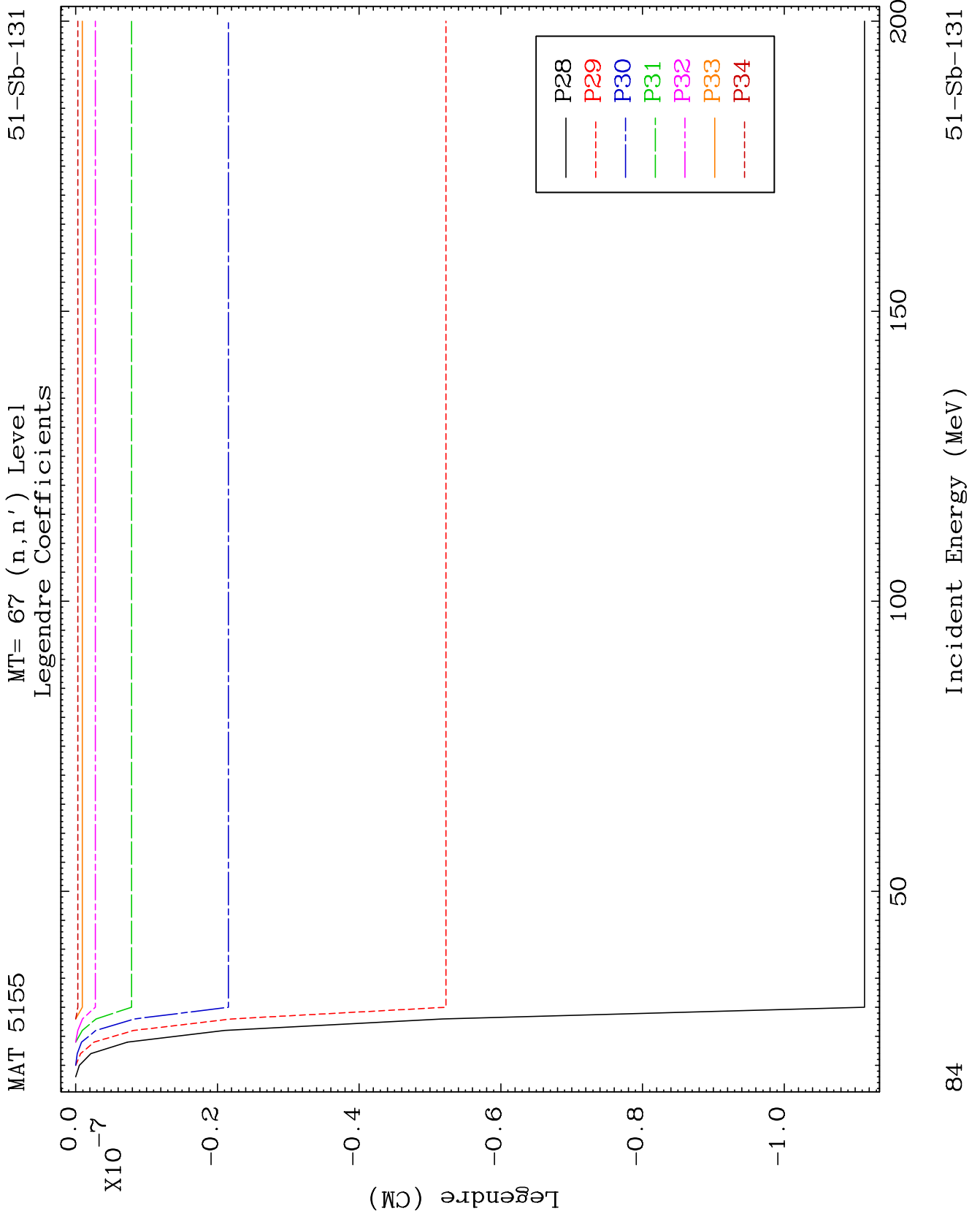
MT= 67 (n,n') Level  
Legendre Coefficients

51-Sb-131



83

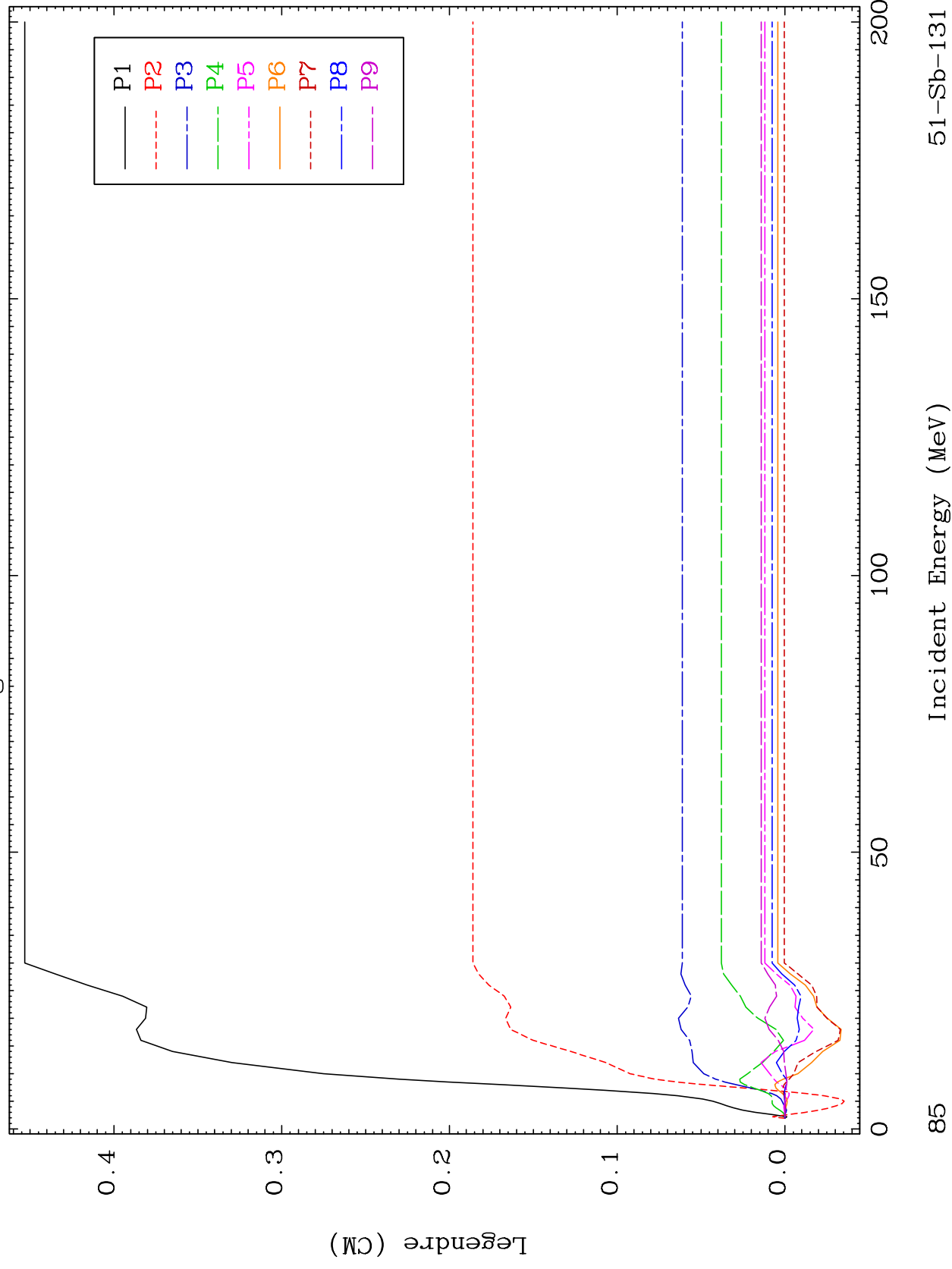
51-Sb-131



MAT 5155

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

51-Sb-131



51-Sb-131

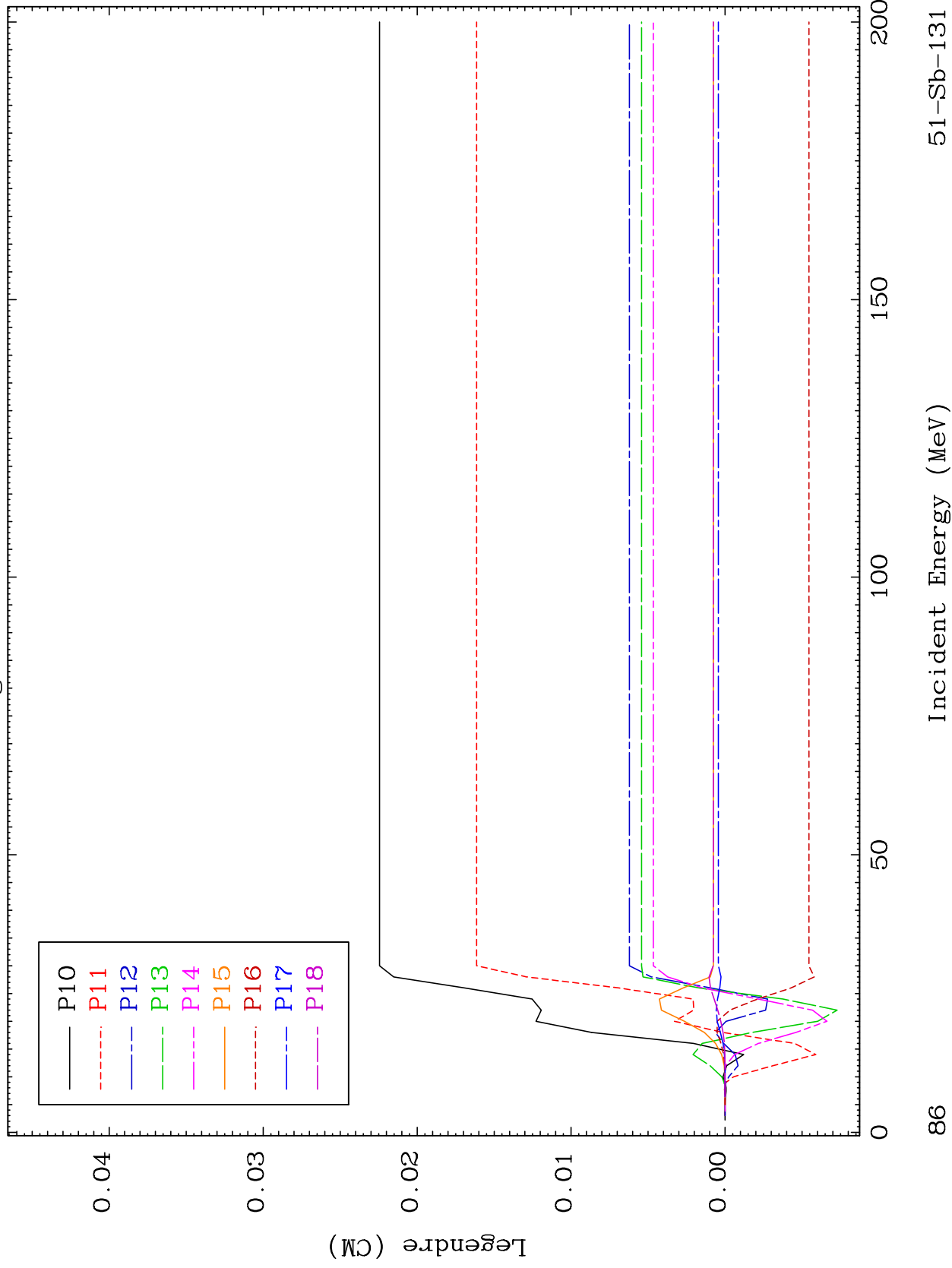
Incident Energy (MeV)

85

MAT 5155

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

51-Sb-131



86

Incident Energy (MeV)

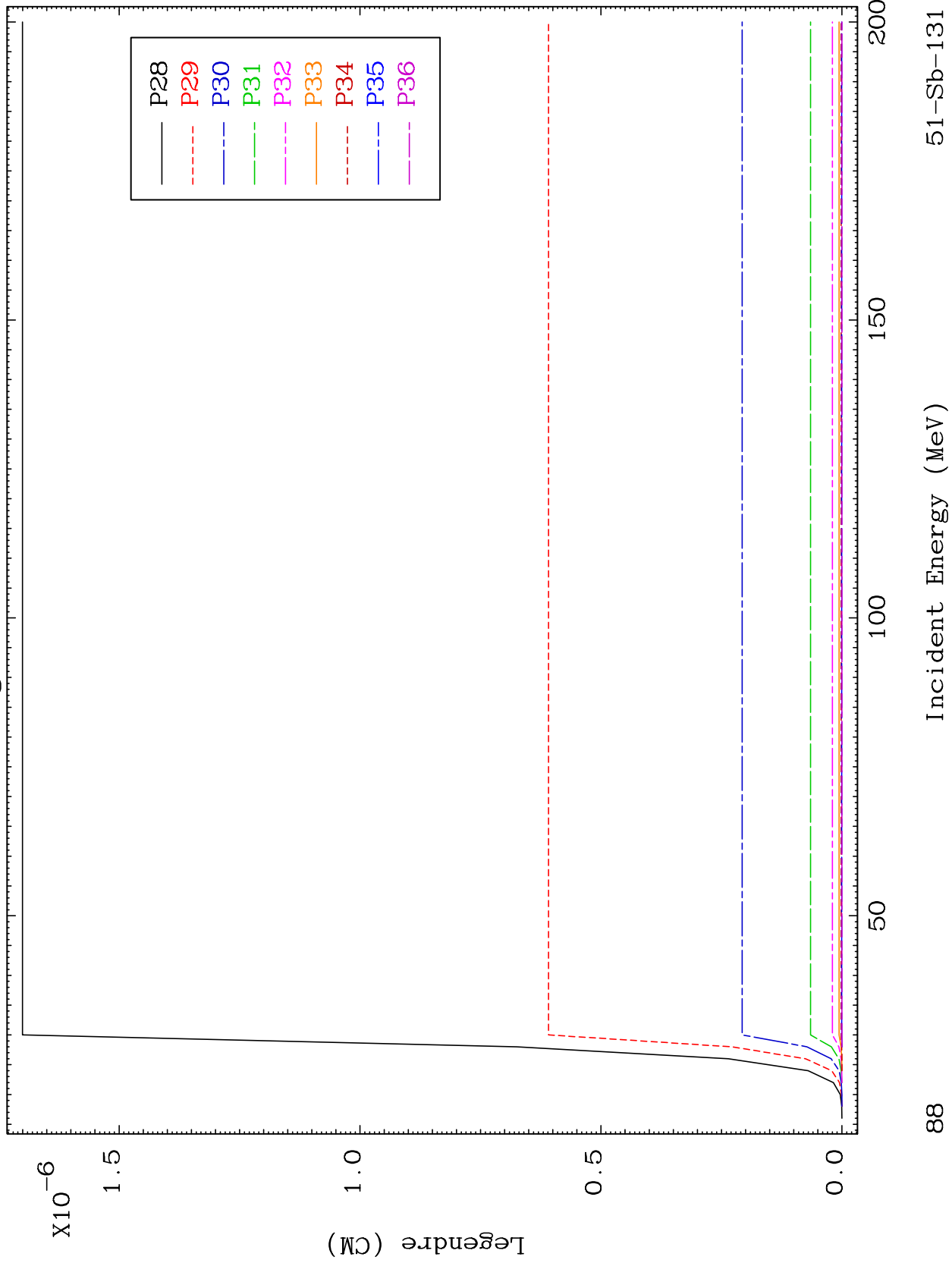
51-Sb-131



MAT 5155

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

51-Sb-131



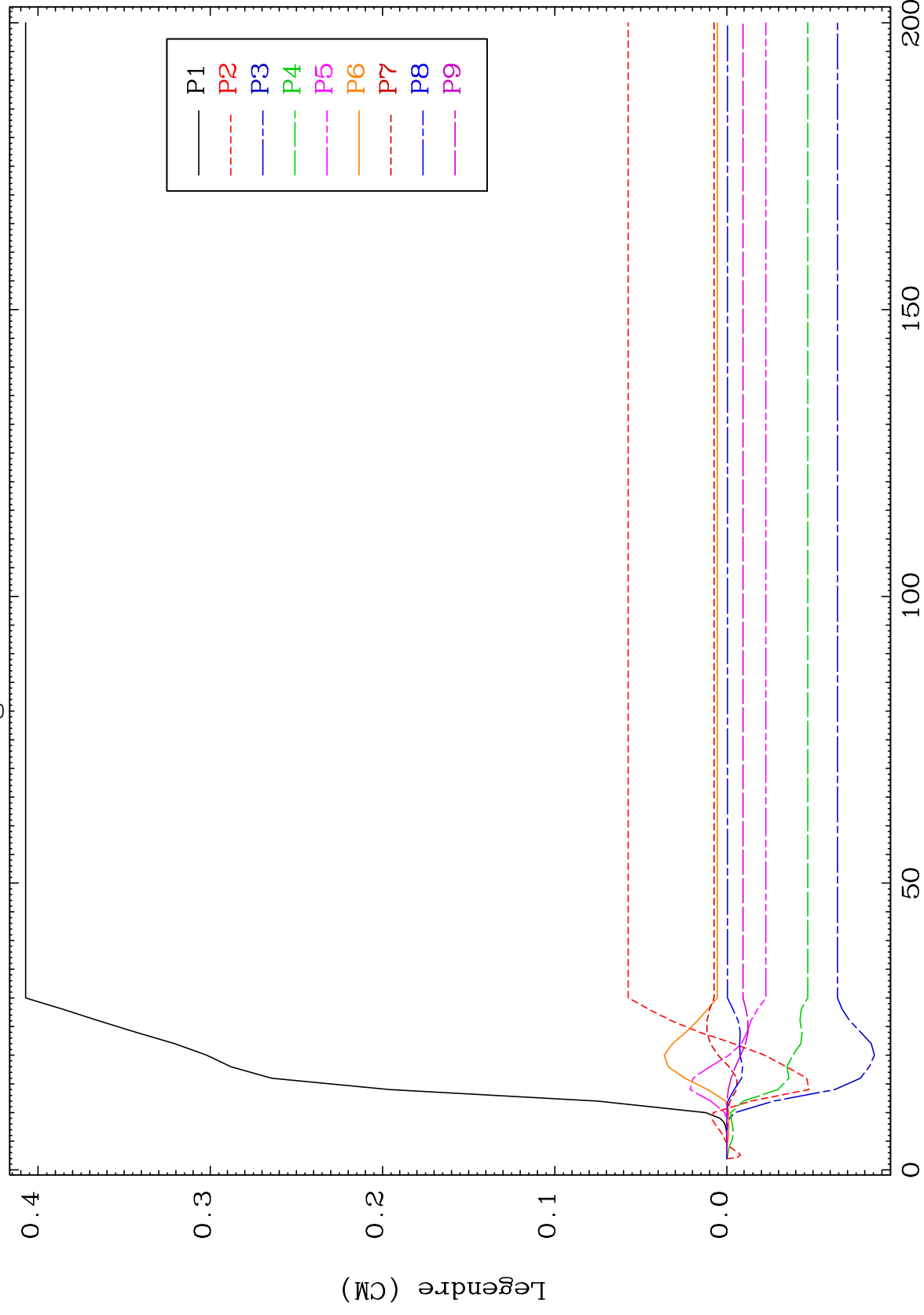
88

51-Sb-131

MAT 5155

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

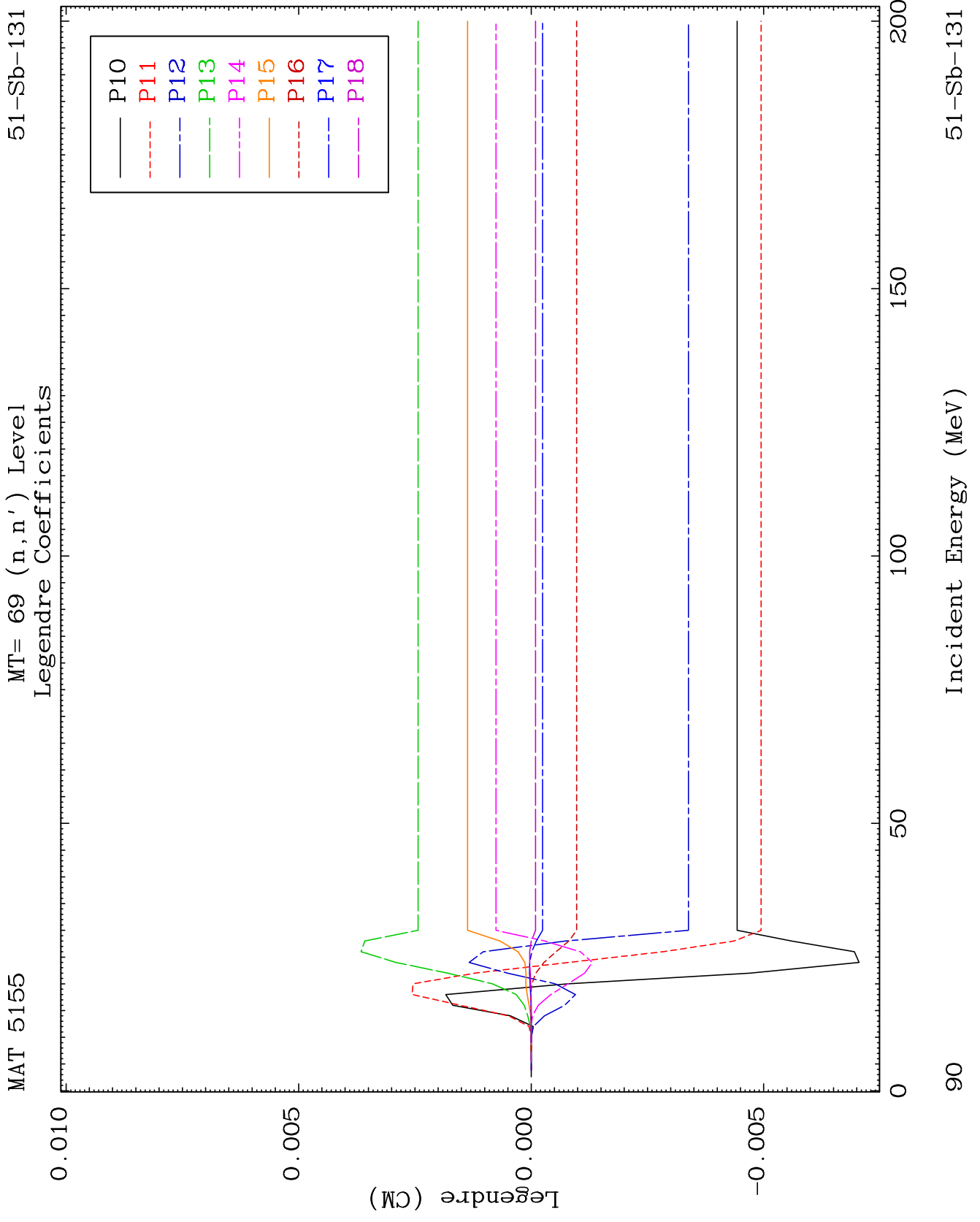
51-Sb-131

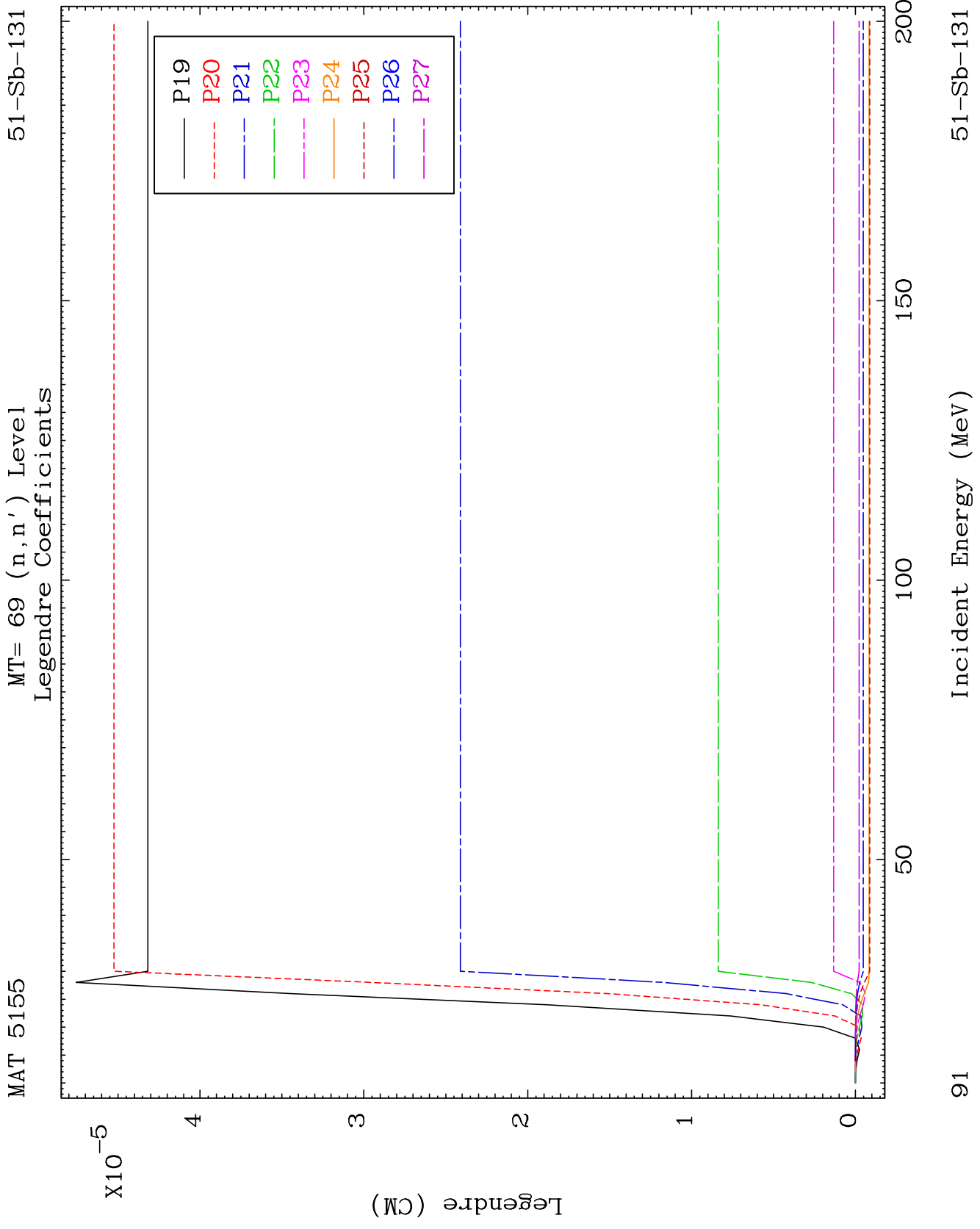


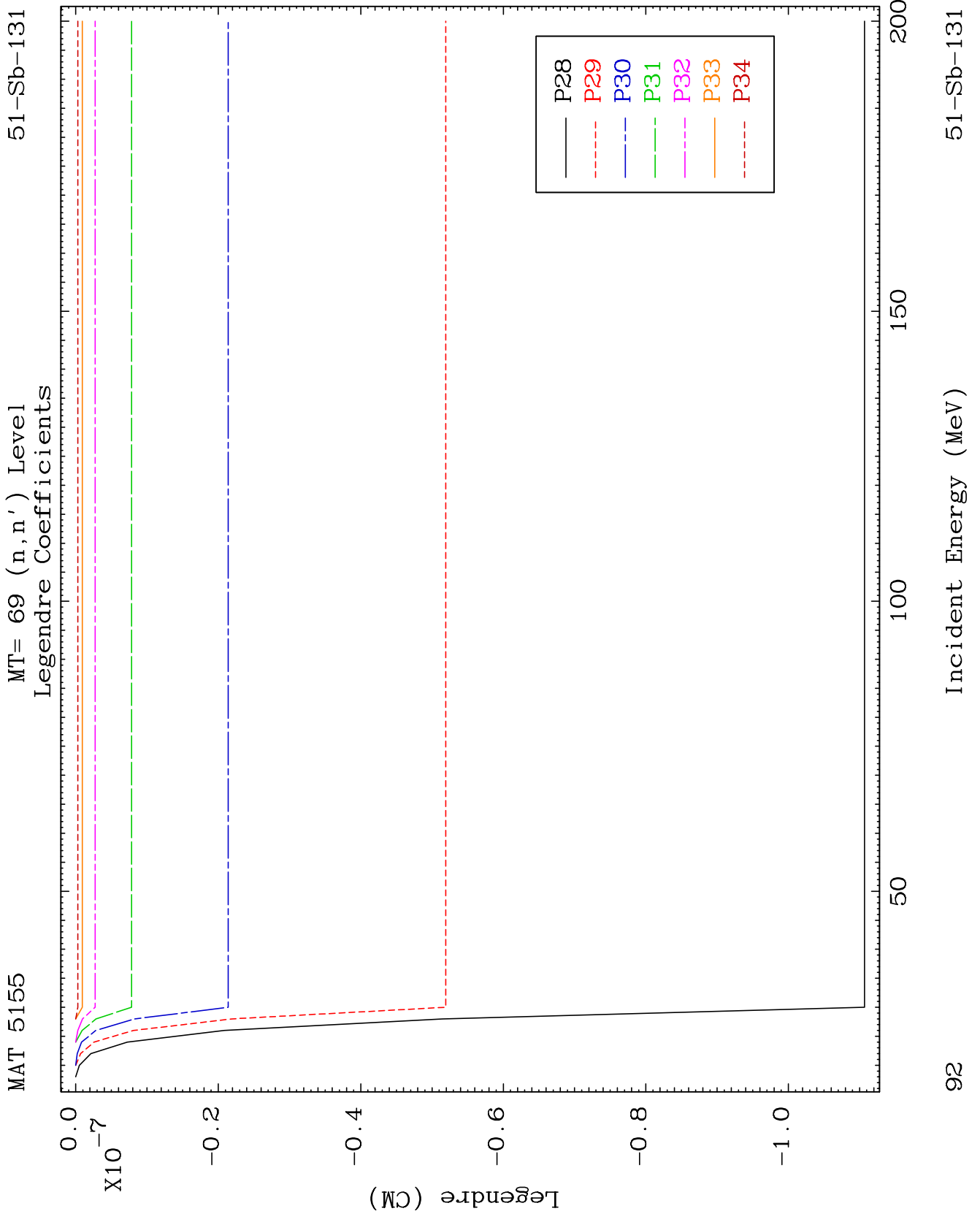
89

Incident Energy (MeV)

51-Sb-131



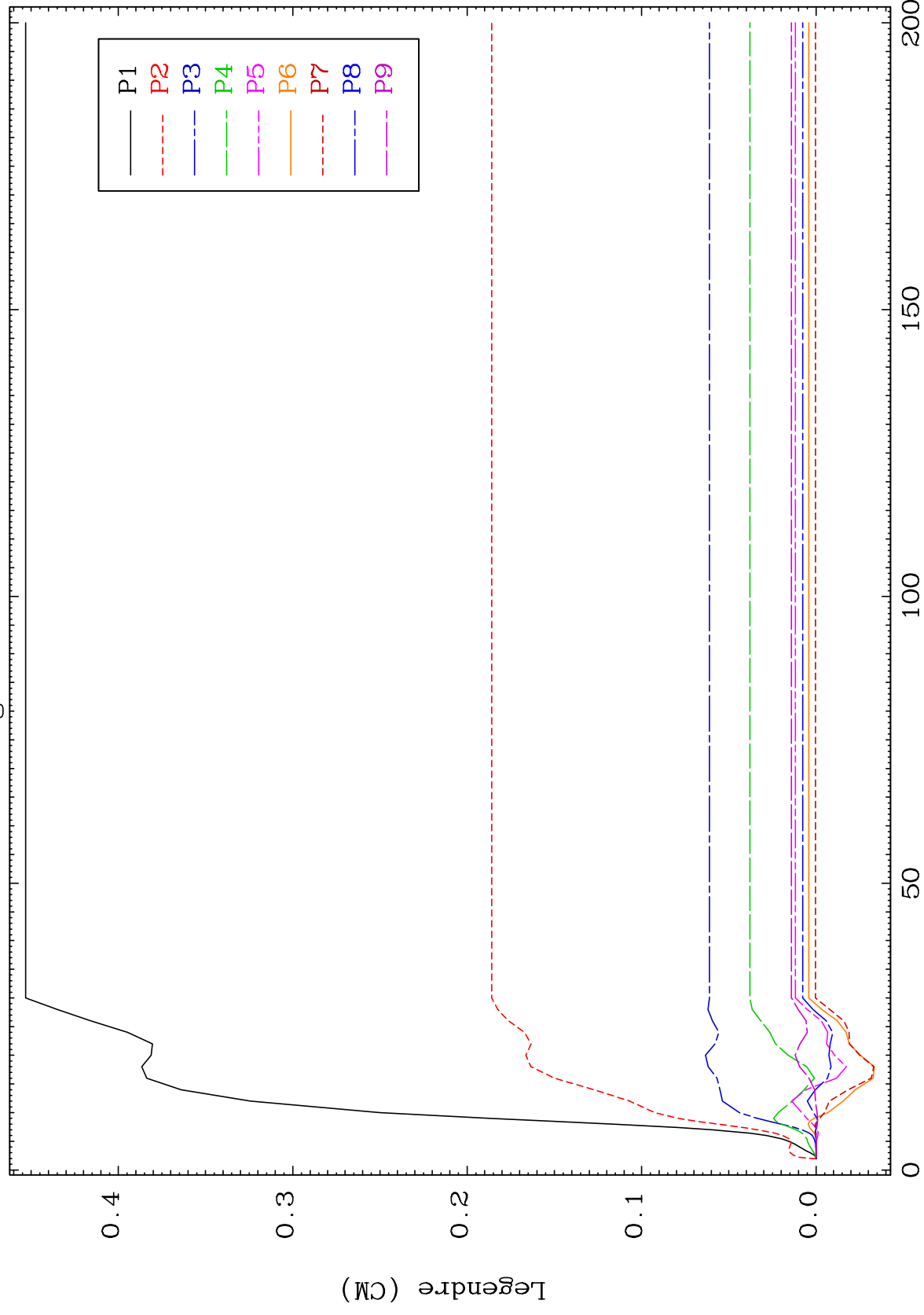




MAT 5155

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

51-Sb-131



93

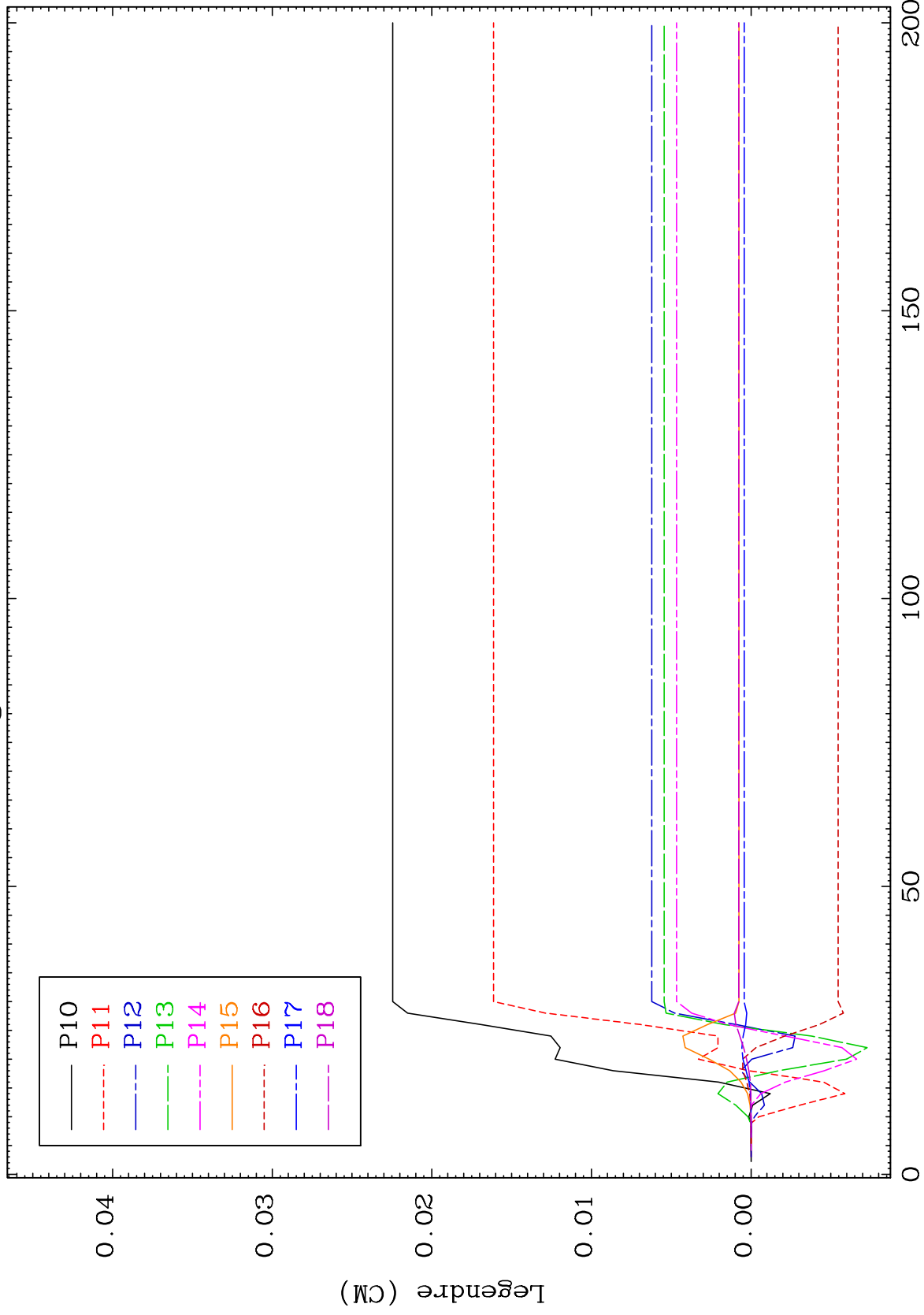
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

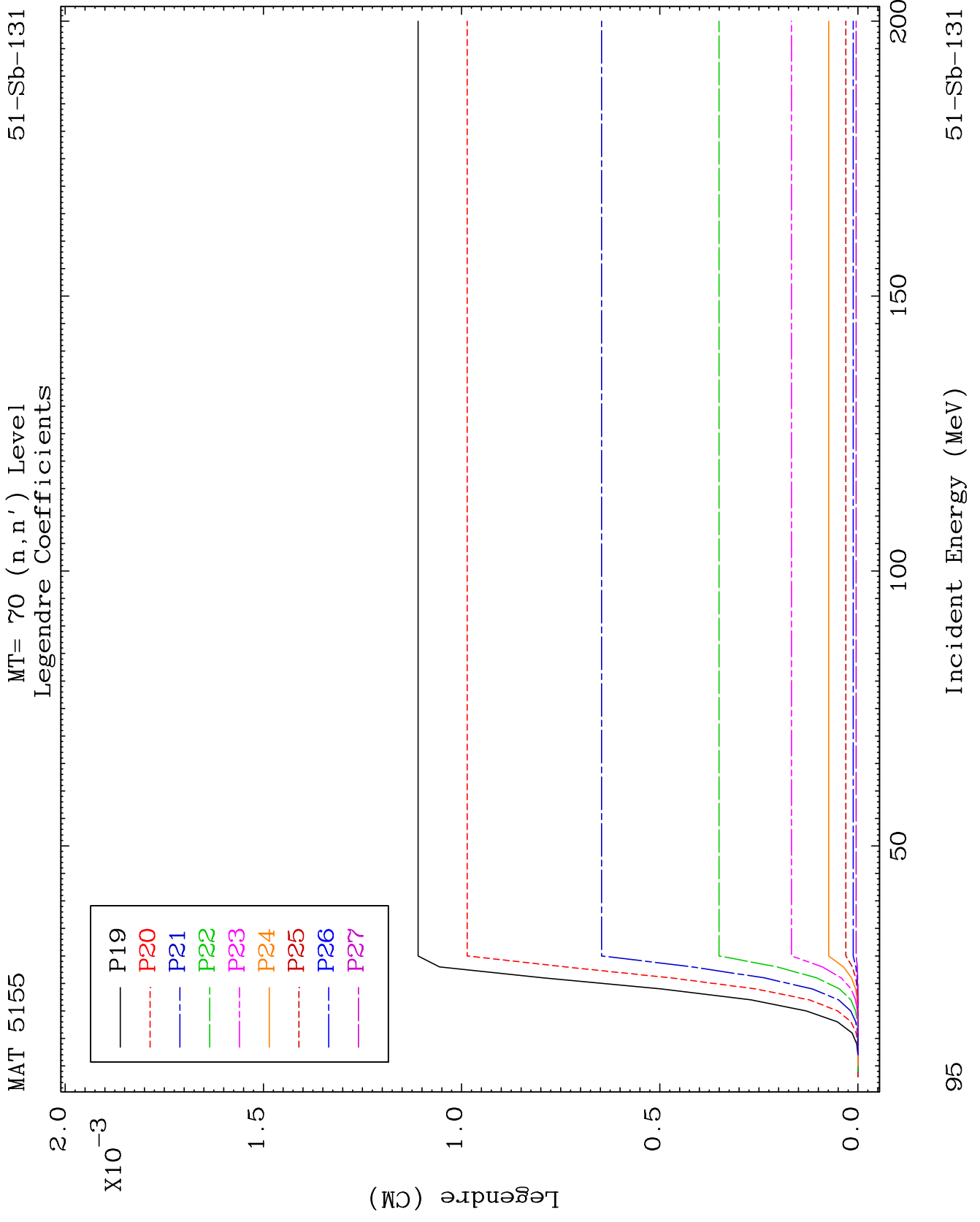
51-Sb-131



94

Incident Energy (MeV)

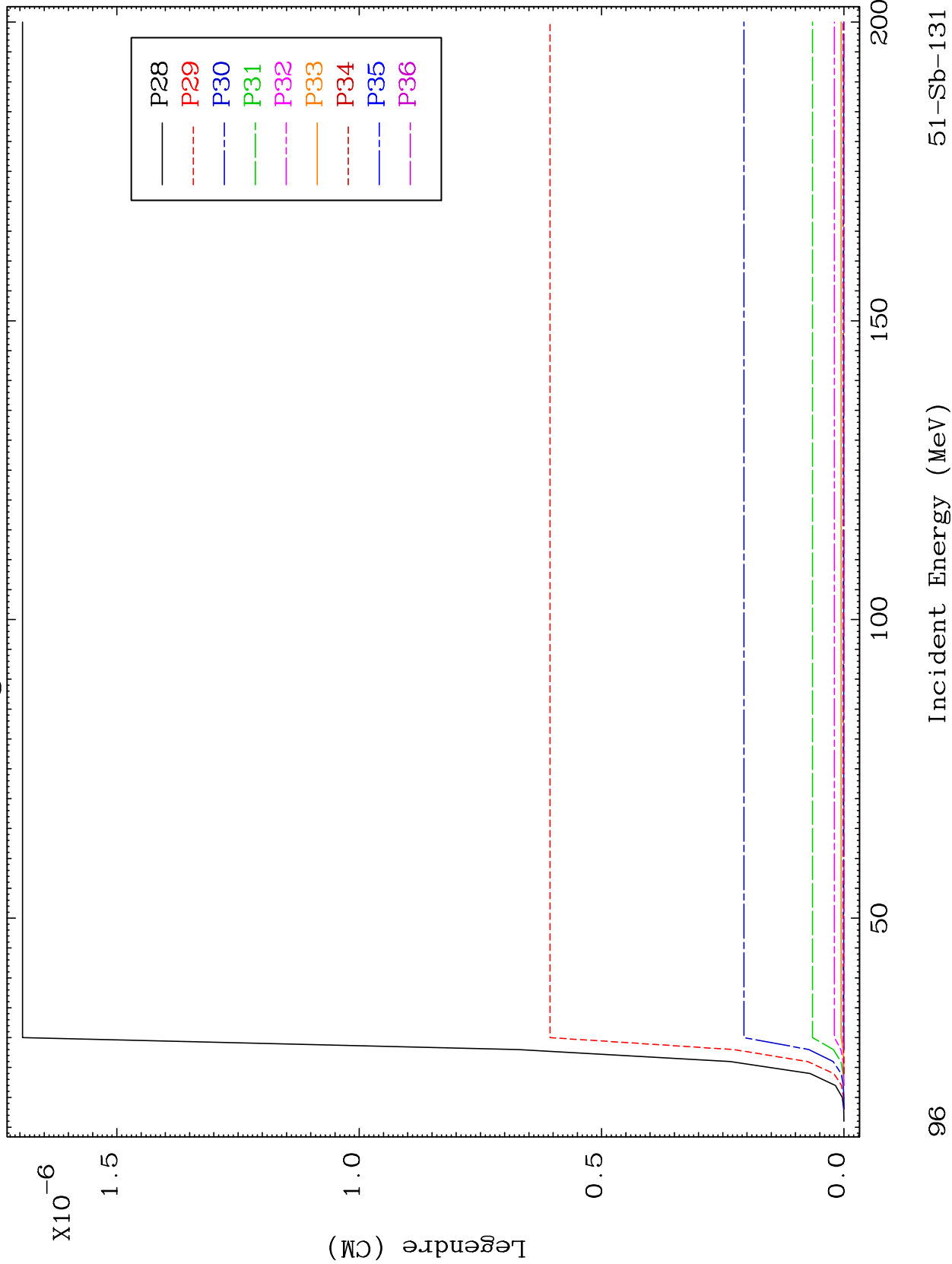
51-Sb-131



MAT 5155

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

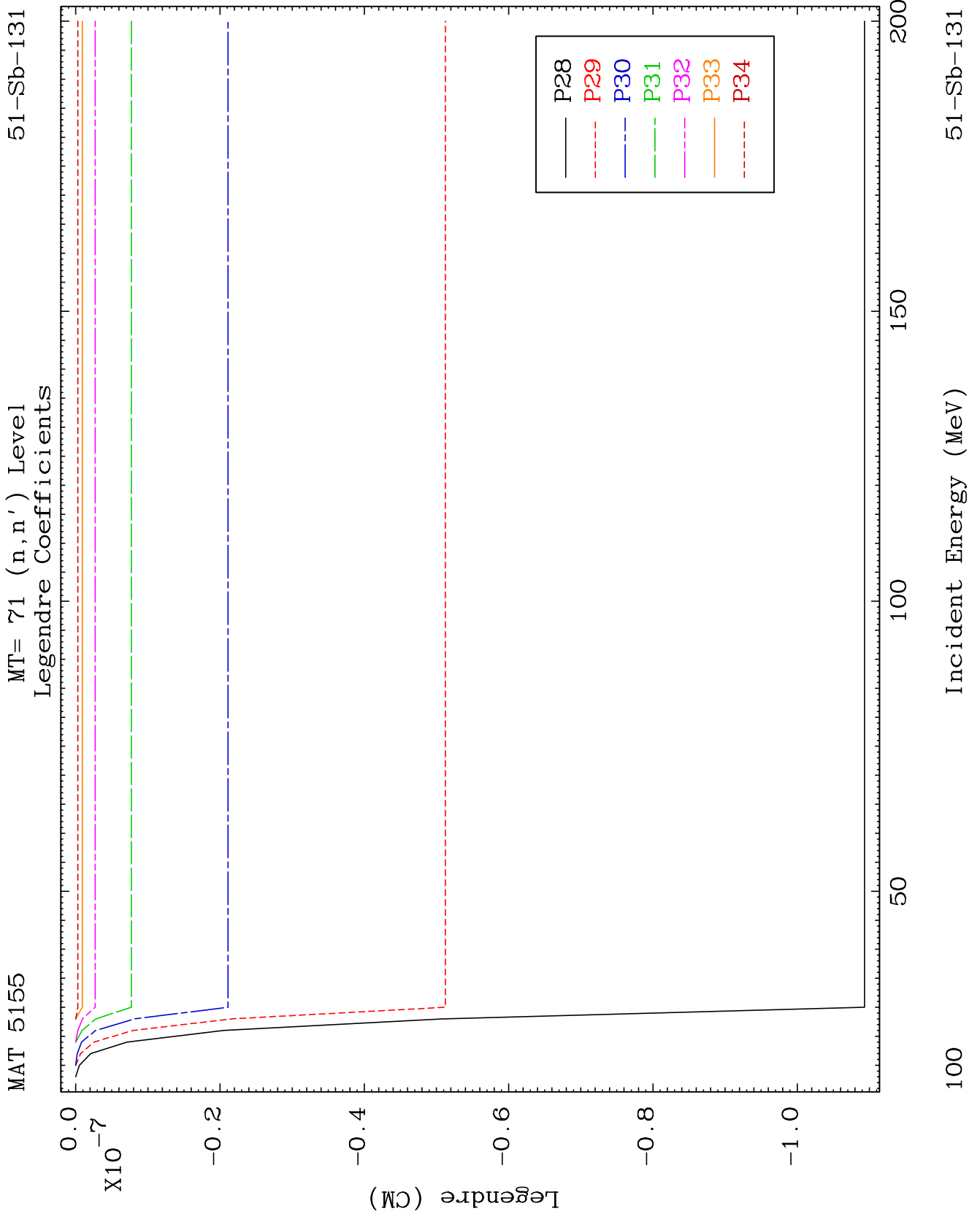
51-Sb-131







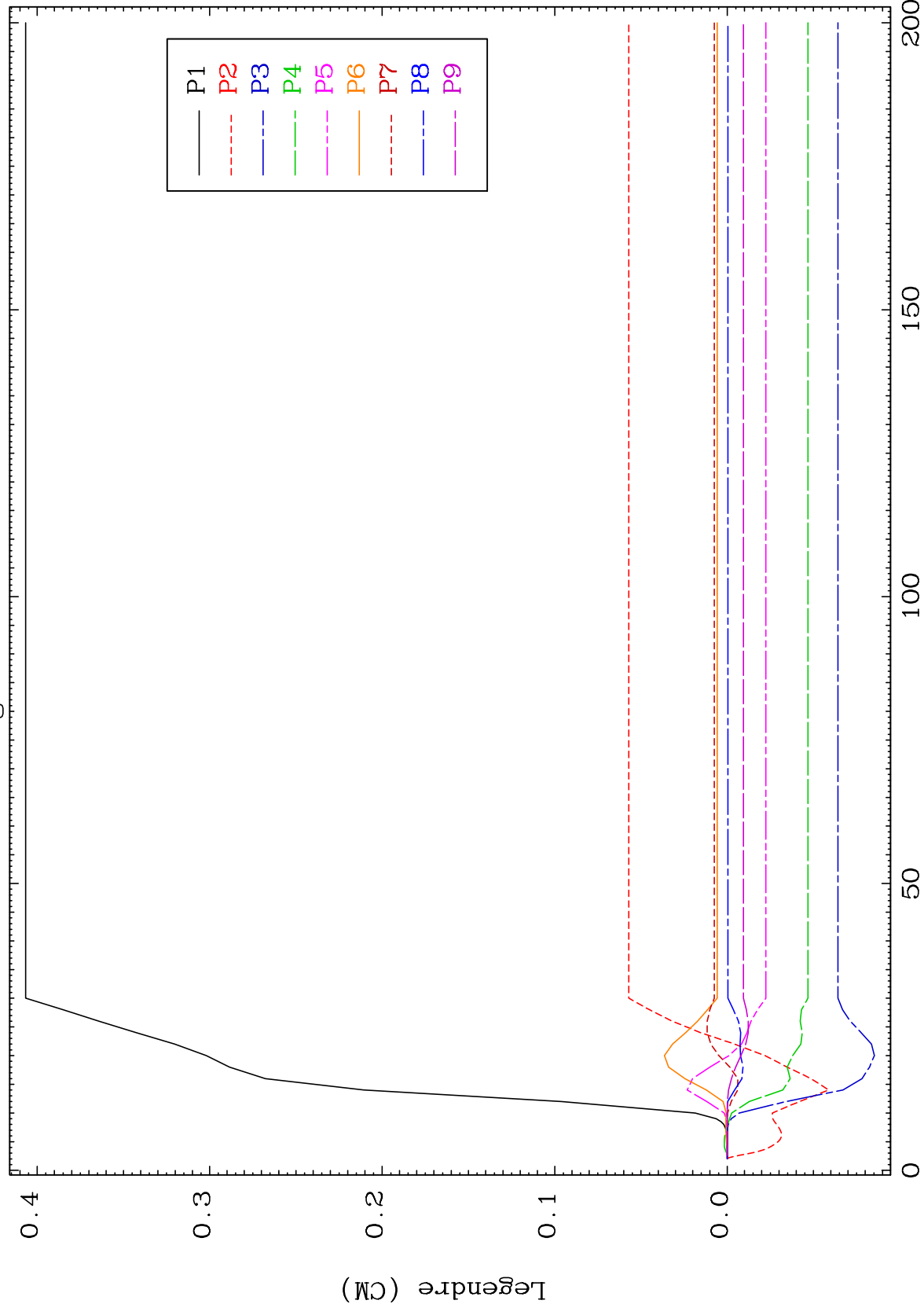




MAT 5155

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

51-Sb-131



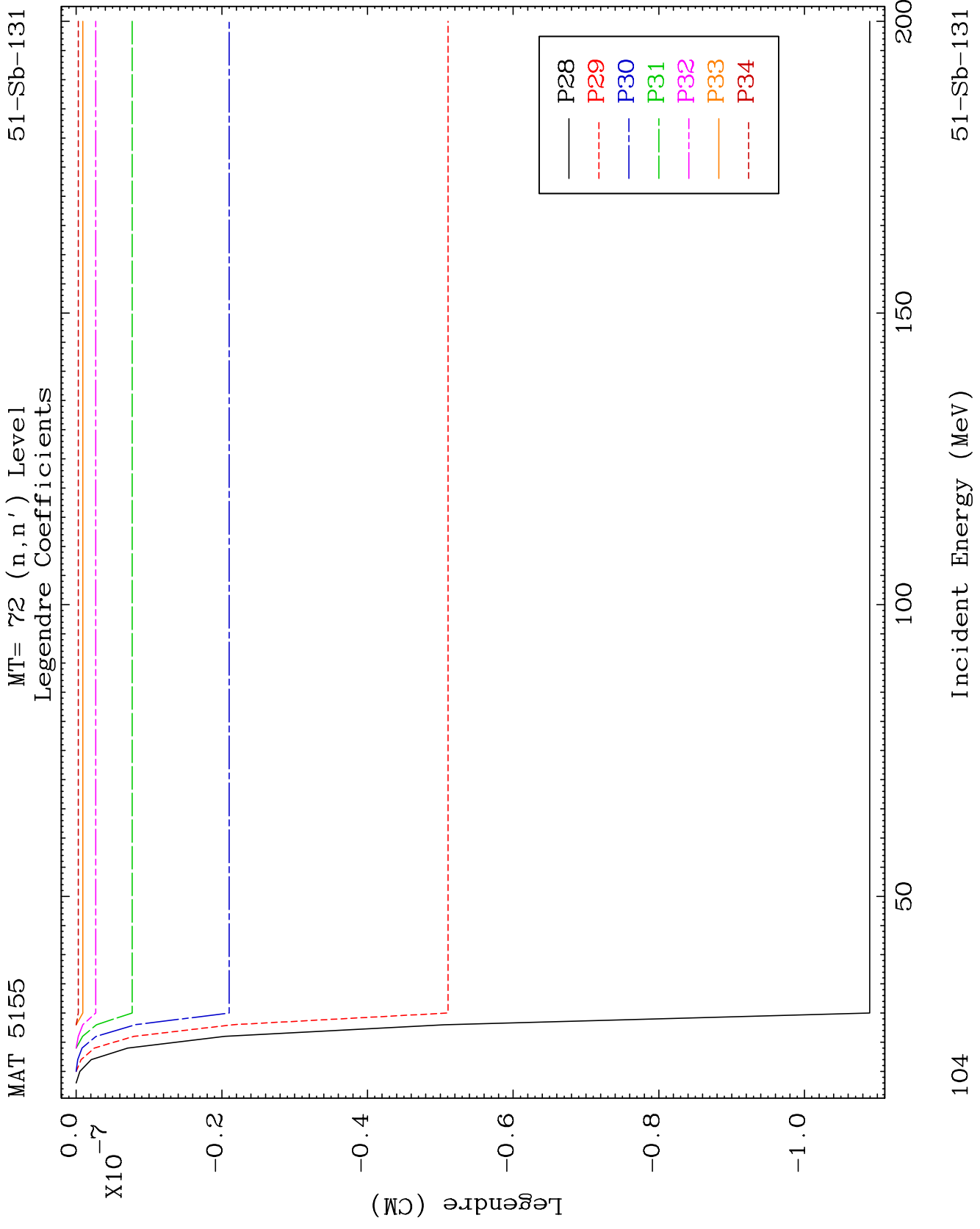
51-Sb-131

Incident Energy (MeV)

101



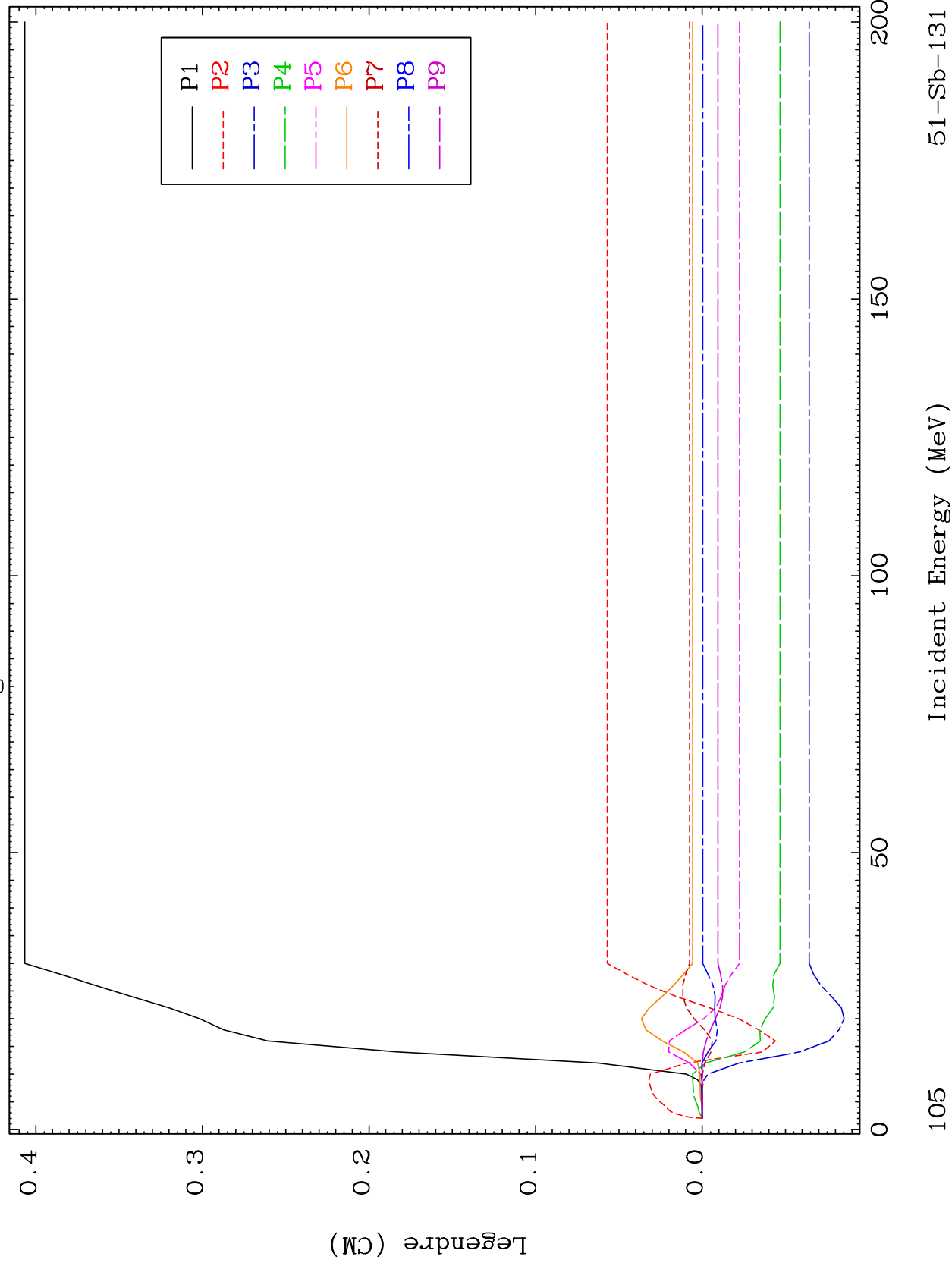




MAT 5155

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

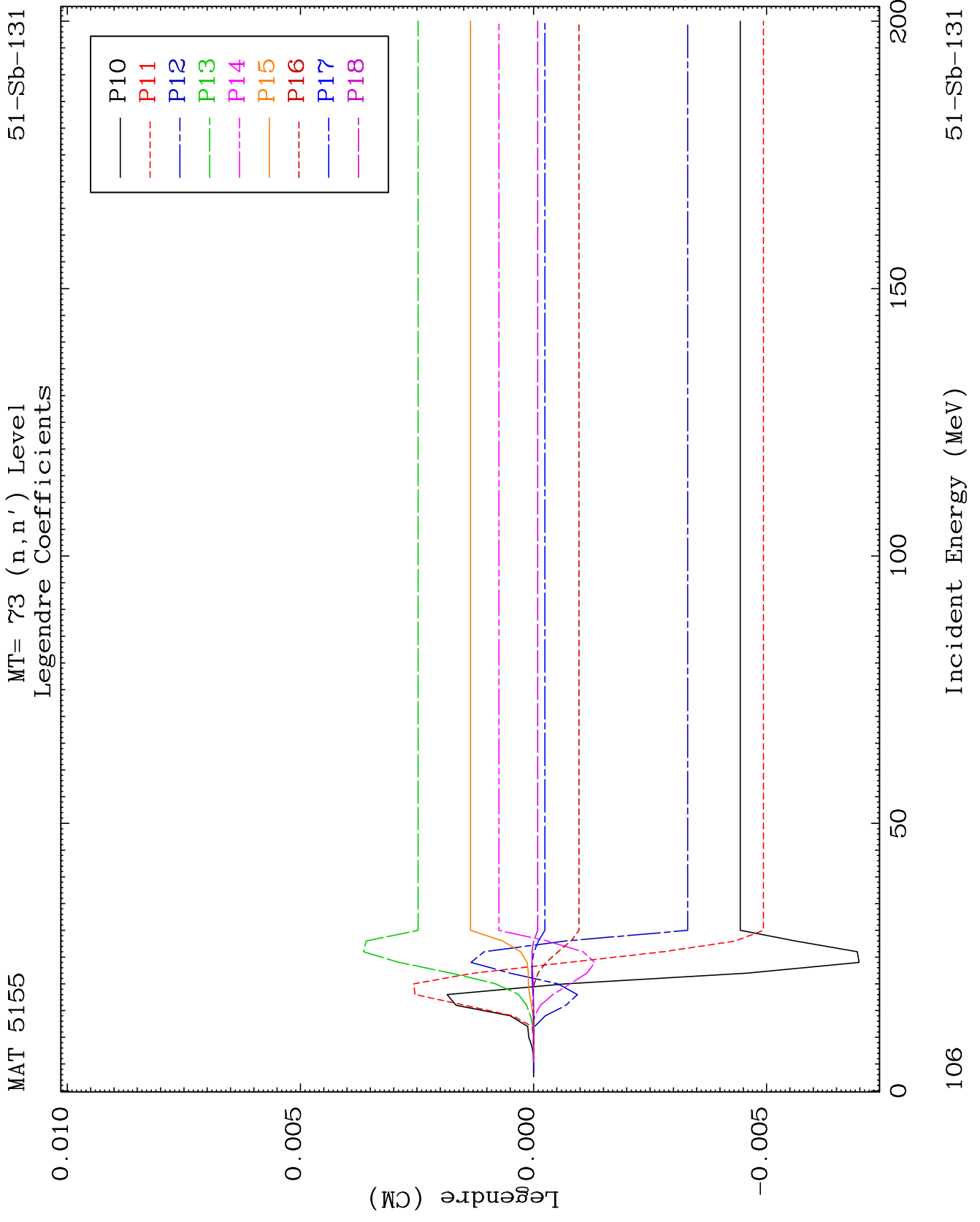
51-Sb-131

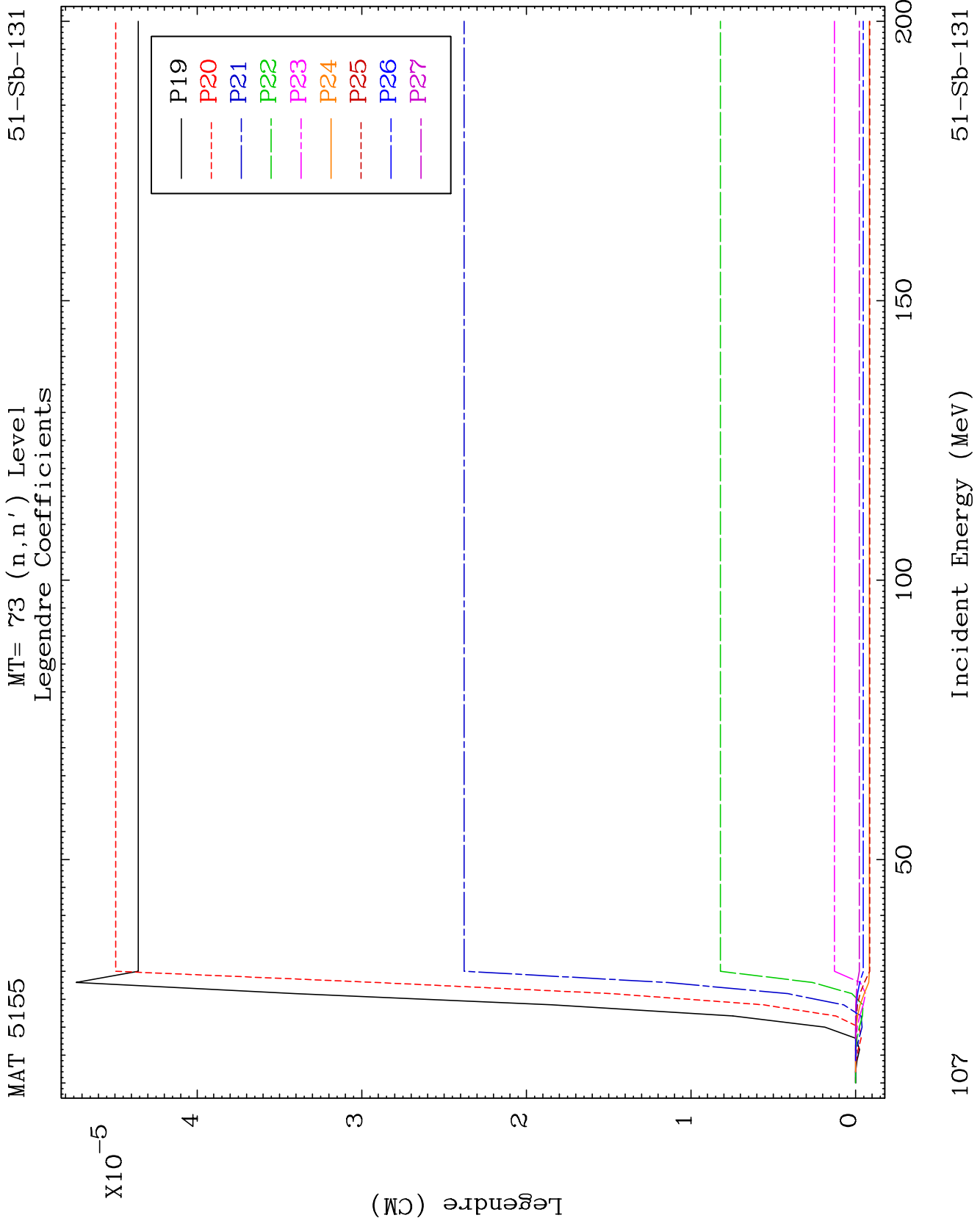


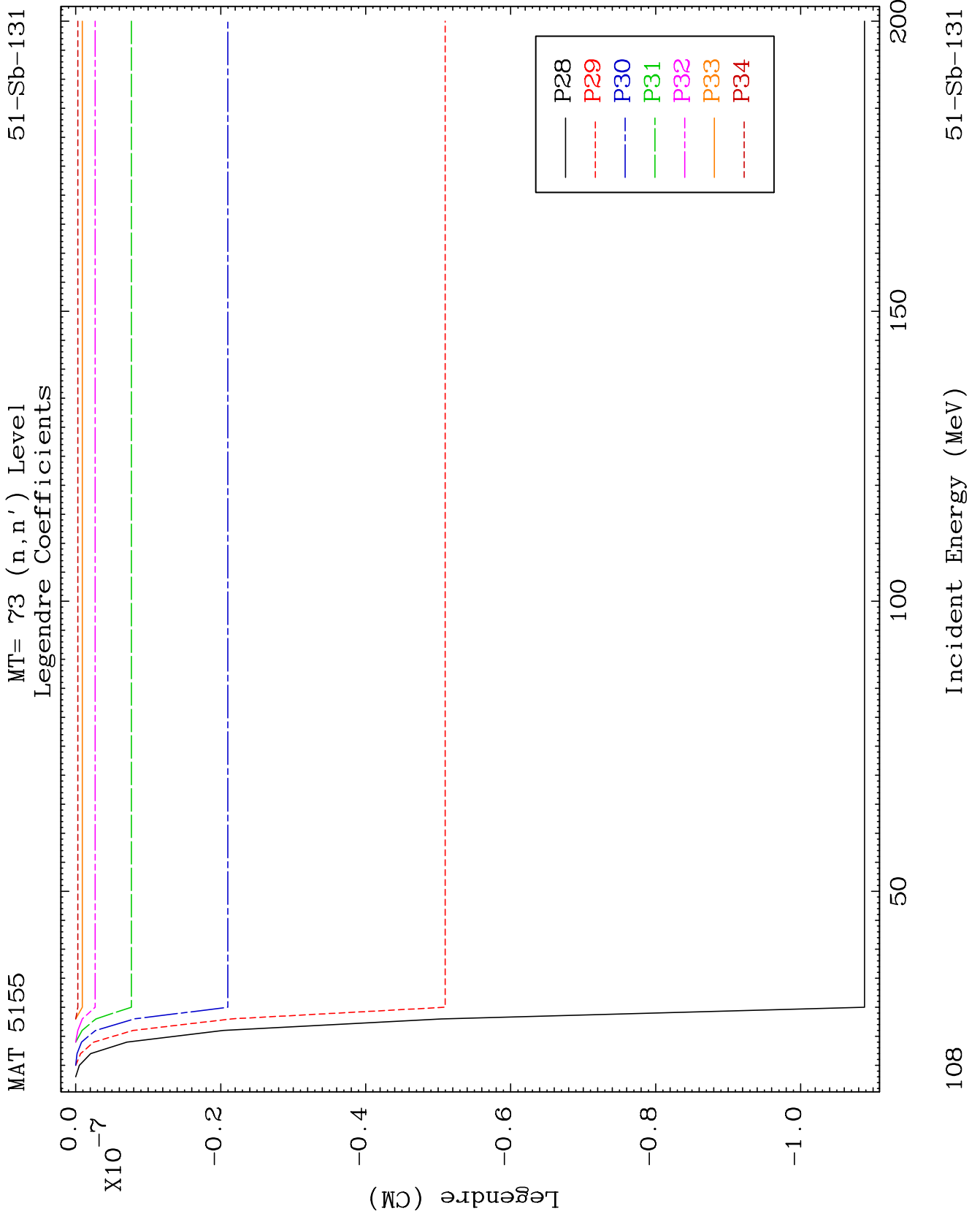
51-Sb-131

Incident Energy (MeV)

105



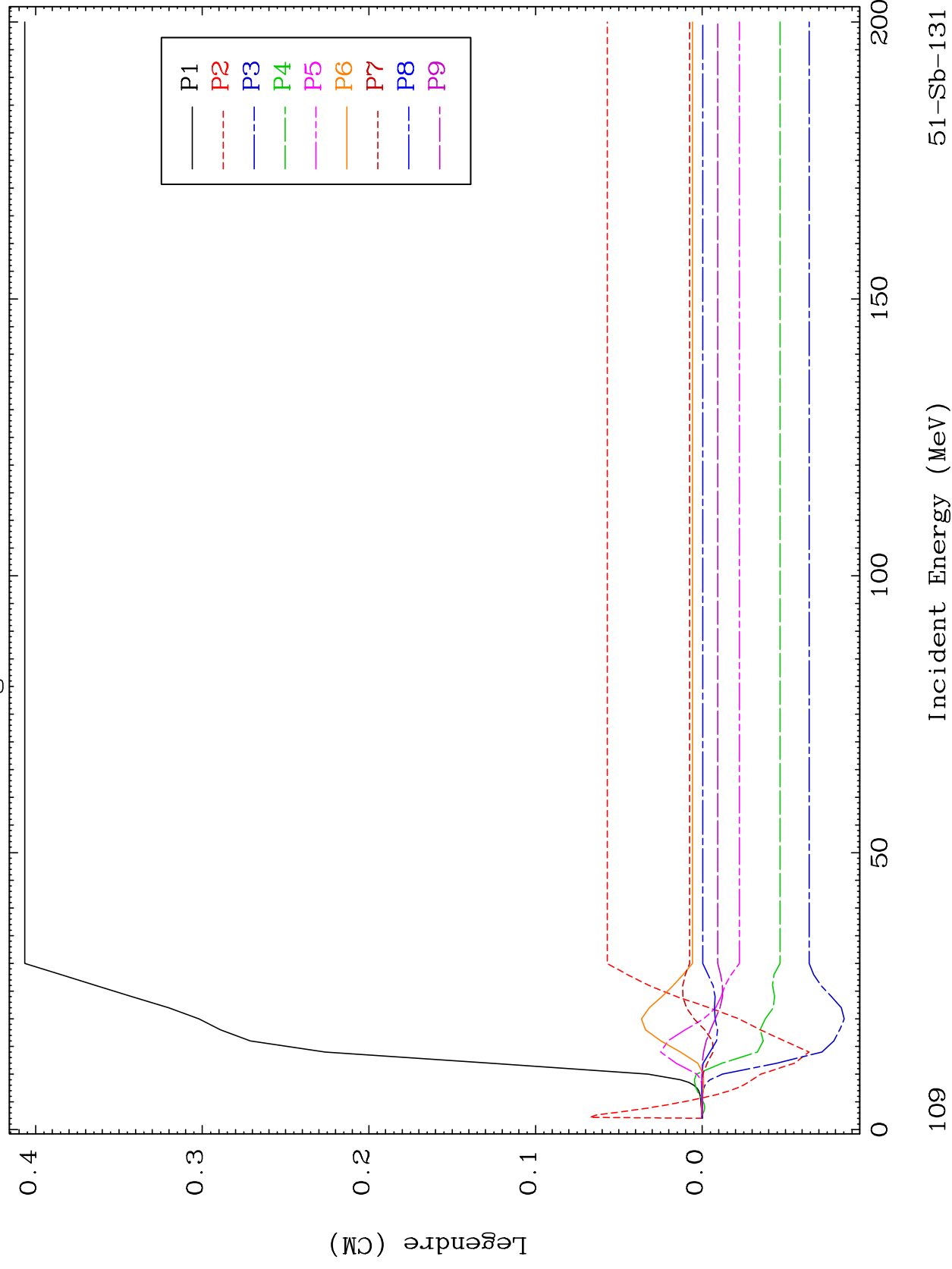




MAT 5155

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

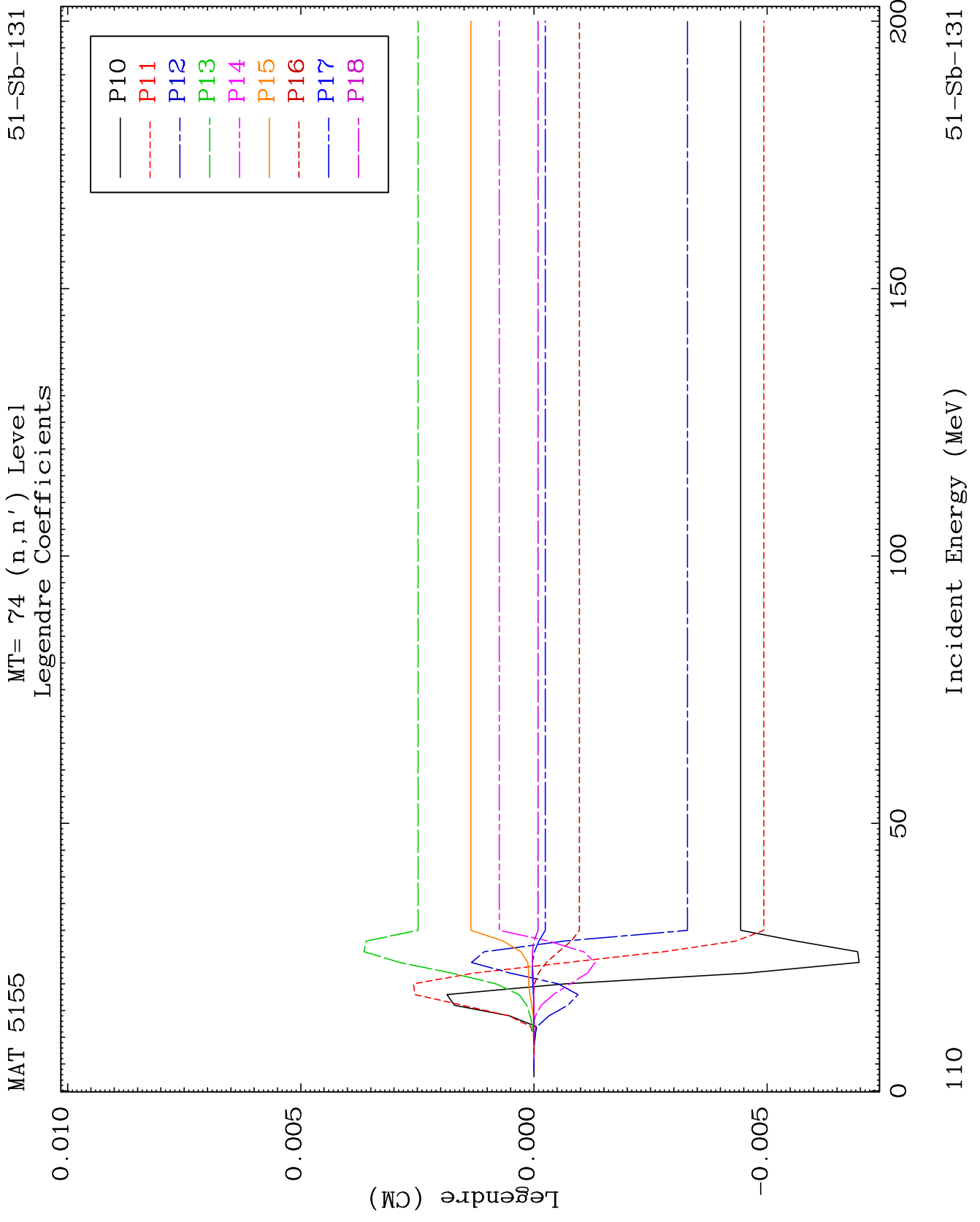
51-Sb-131



51-Sb-131

Incident Energy (MeV)

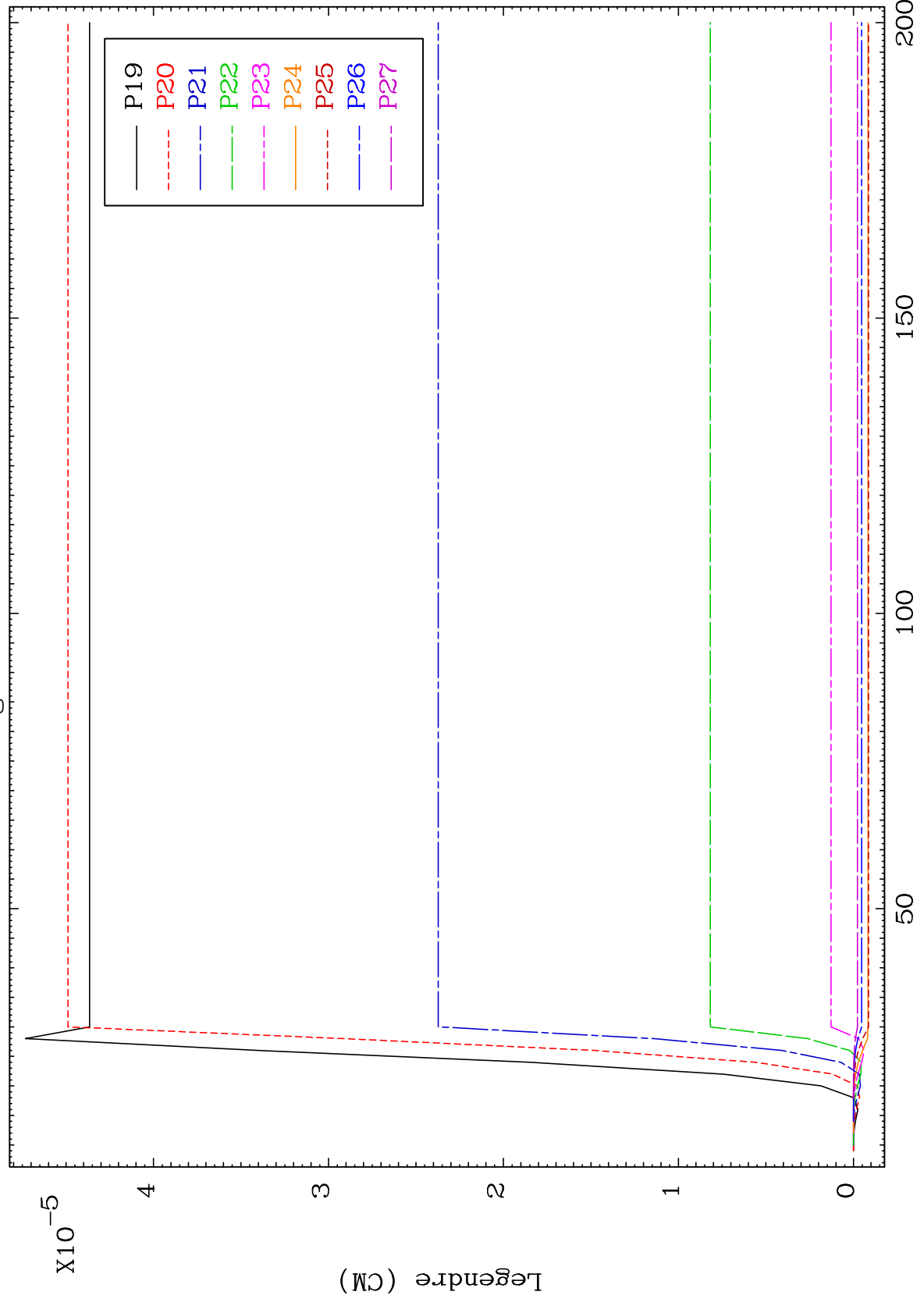
109



MAT 5155

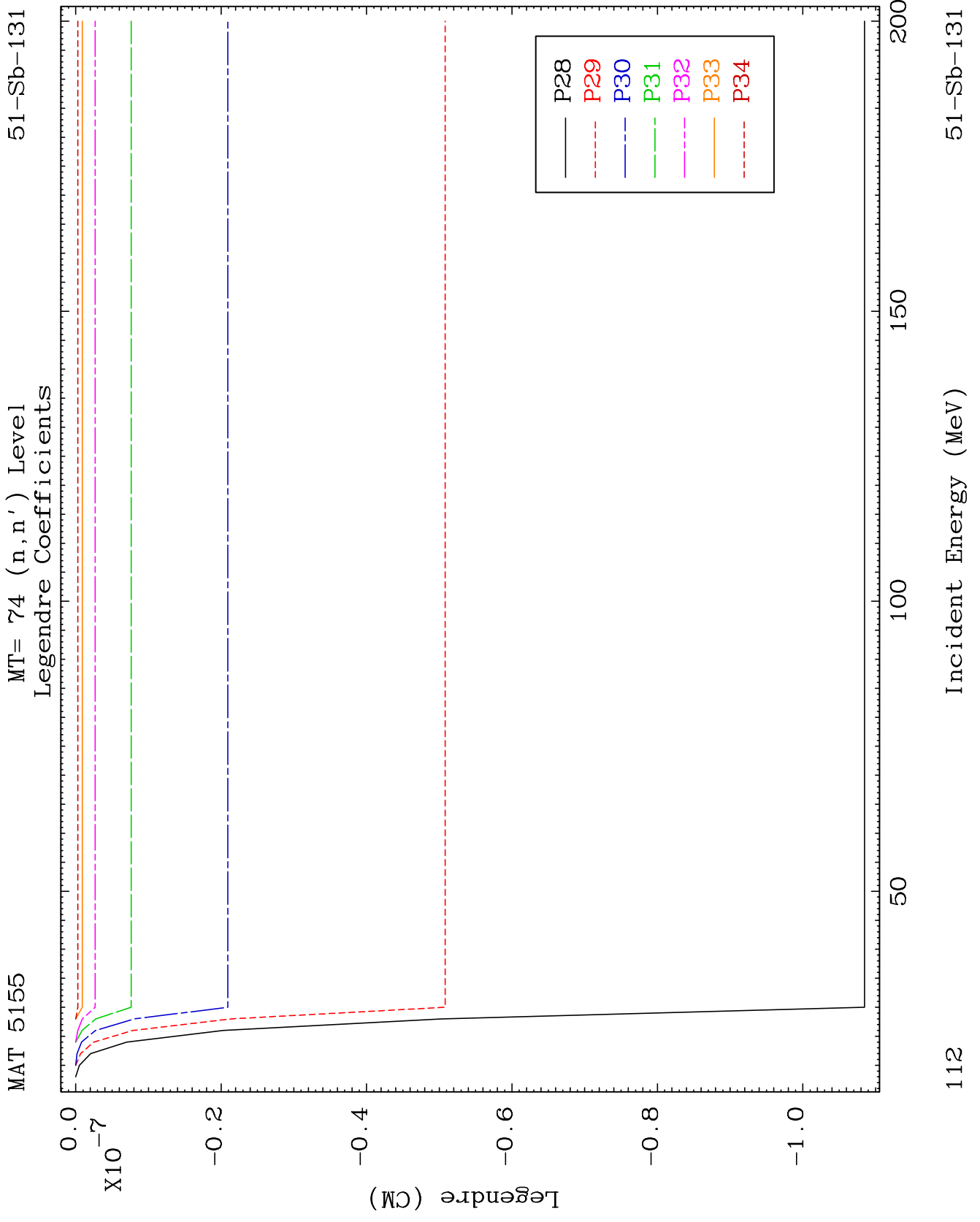
MT= 74 (n,n') Level  
Legendre Coefficients

51-Sb-131



111

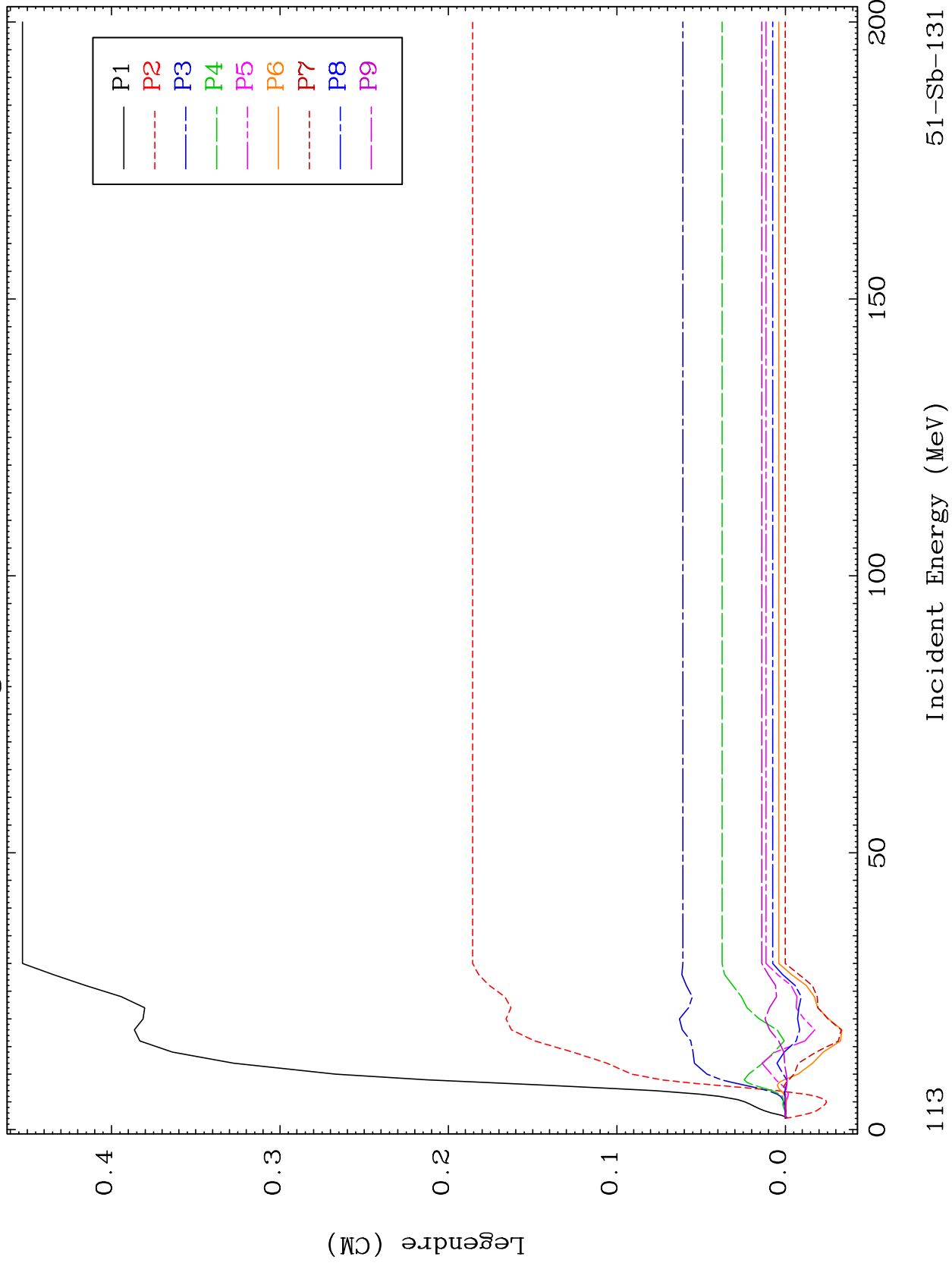
51-Sb-131



MAT 5155

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

51-Sb-131



51-Sb-131

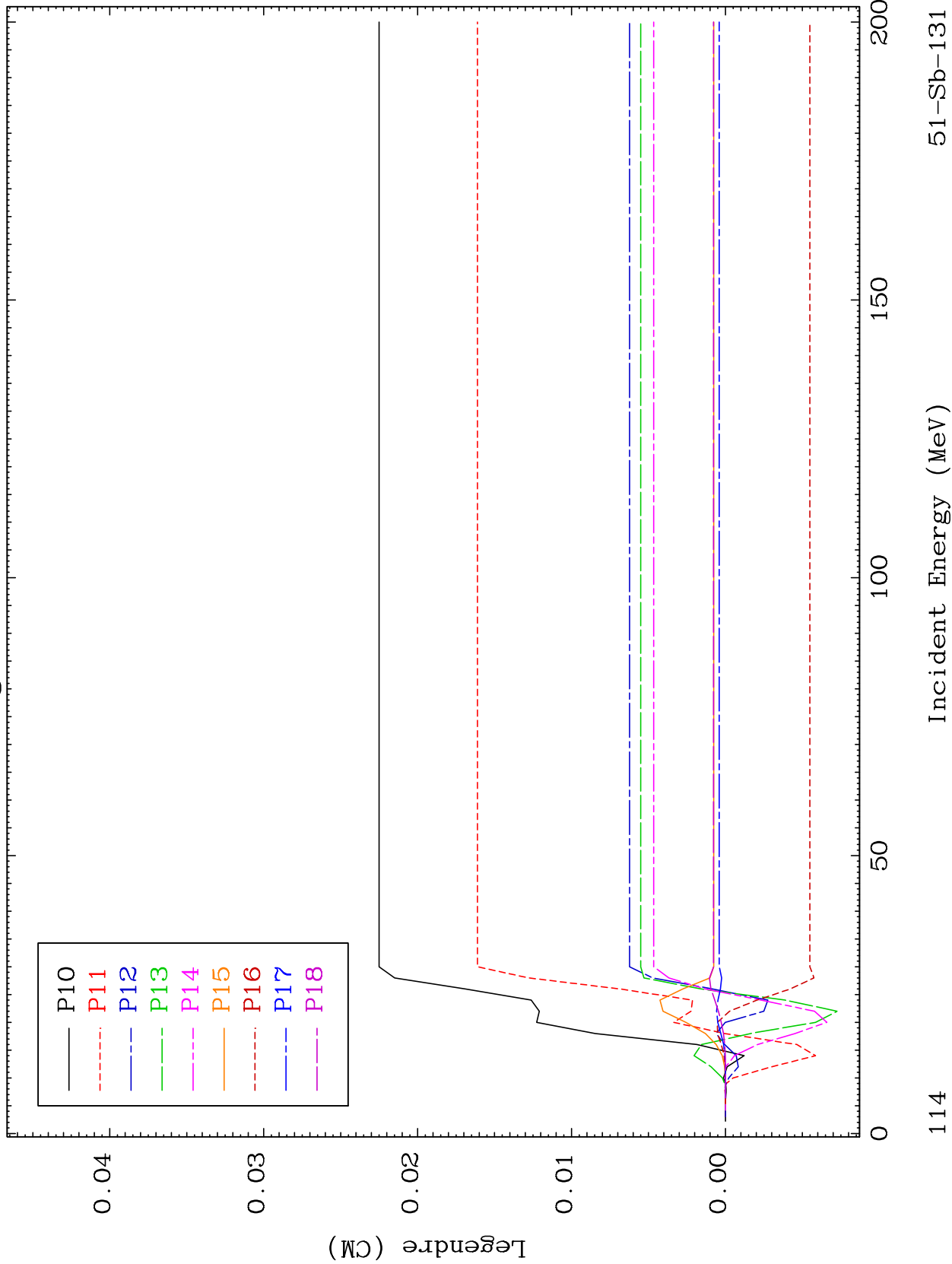
Incident Energy (MeV)

113

MAT 5155

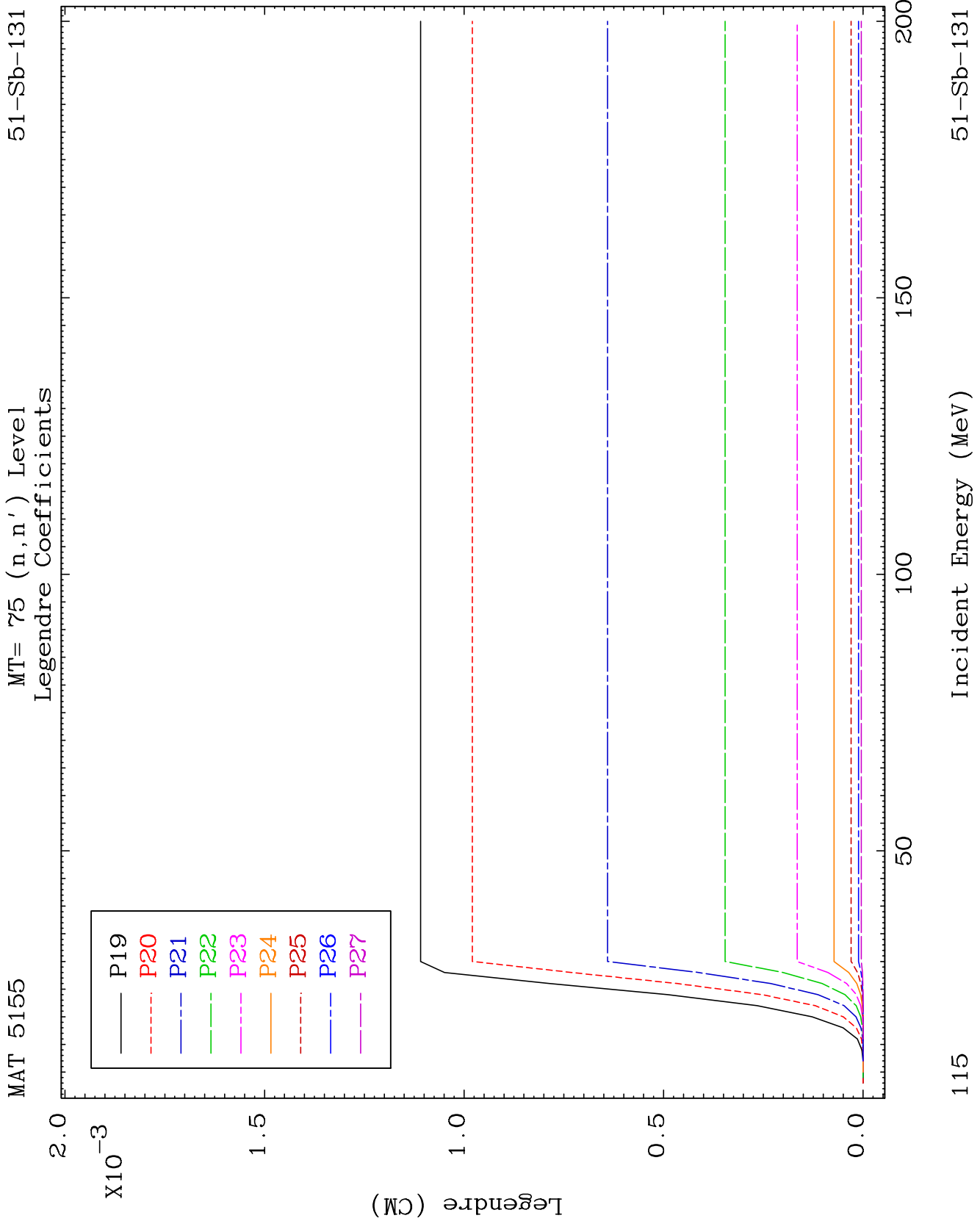
51-Sb-131

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



114

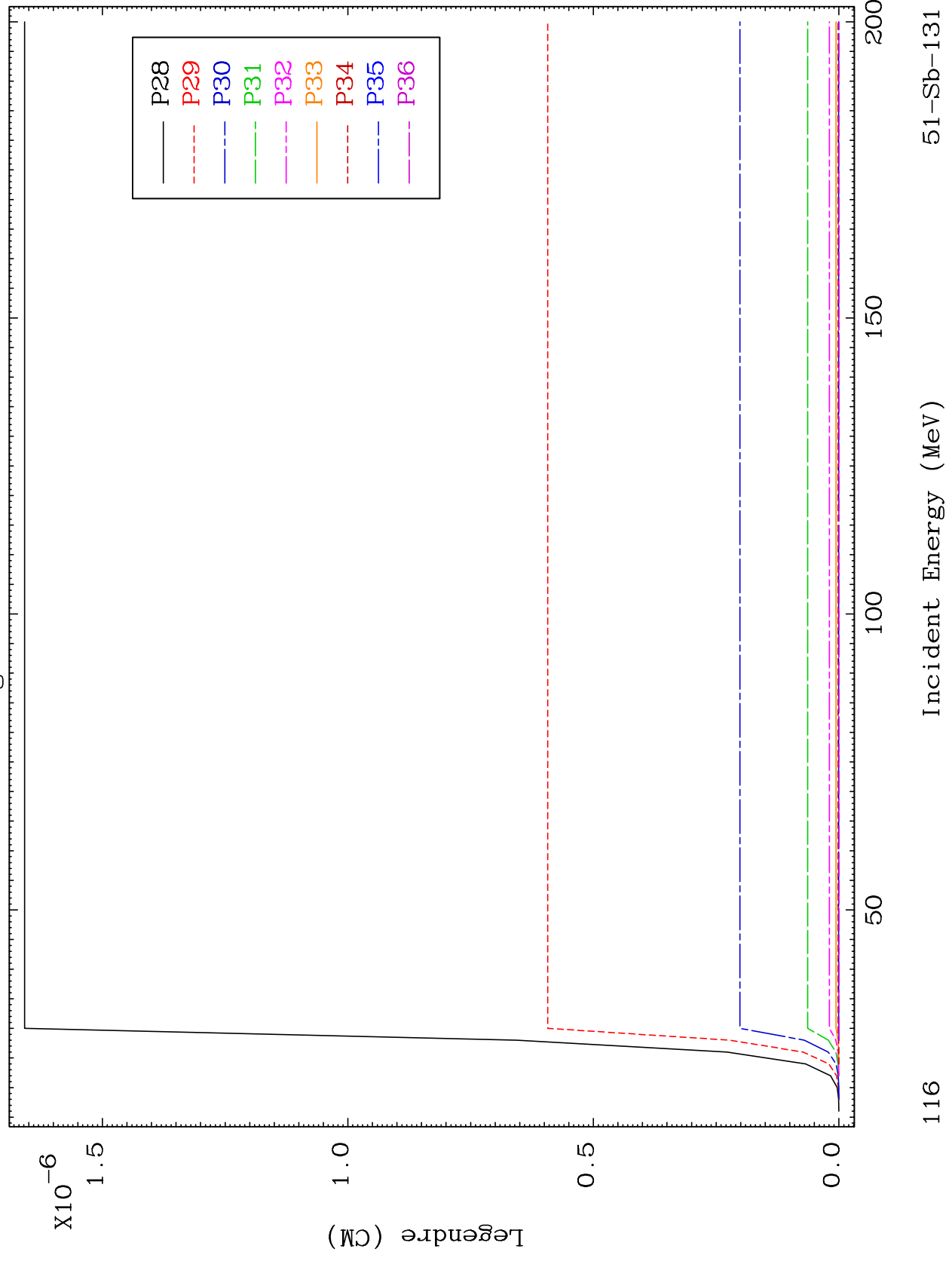
51-Sb-131



MAT 5155

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

51-Sb-131



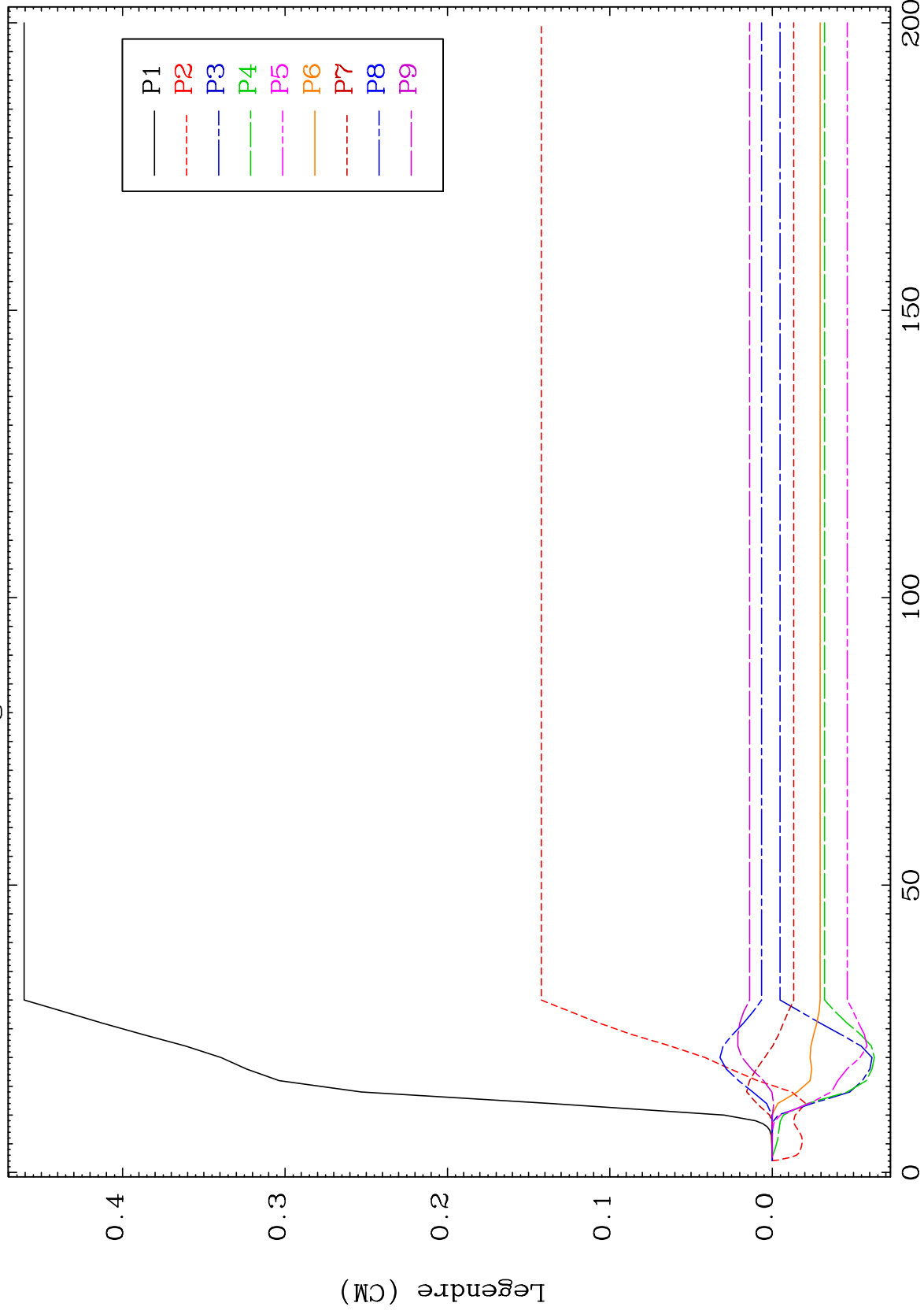
116

51-Sb-131

MAT 5155

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

51-Sb-131



117

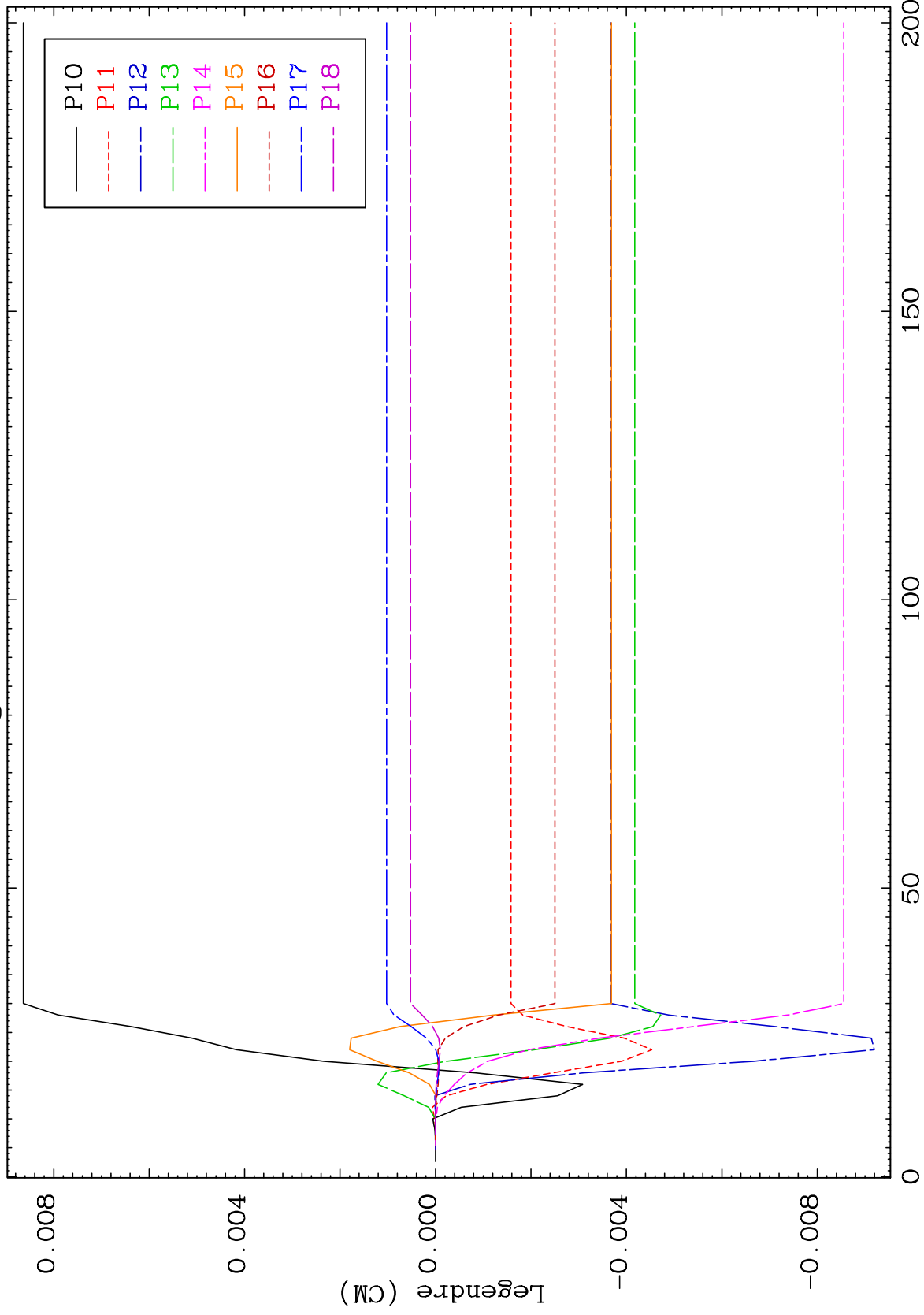
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

51-Sb-131



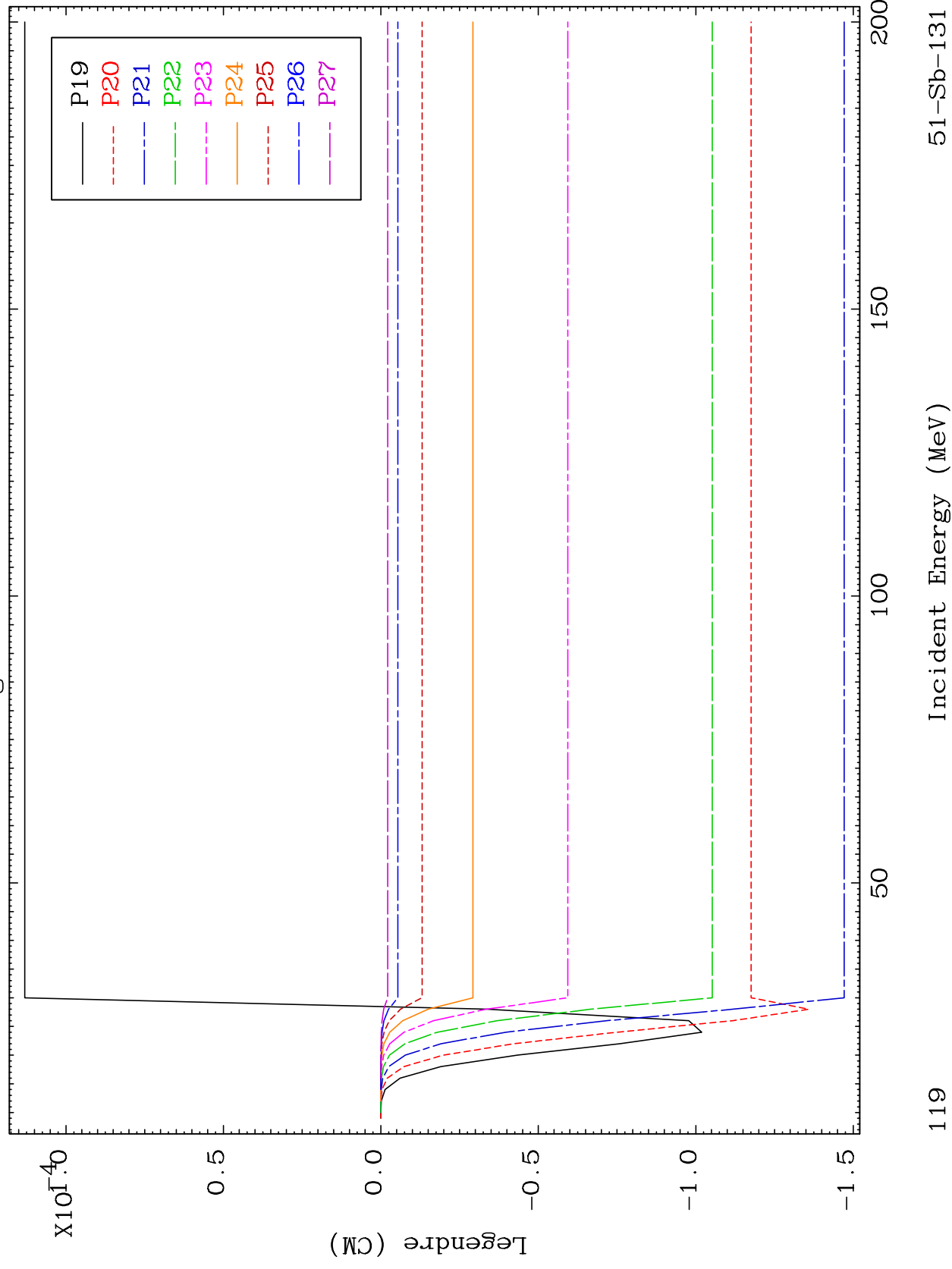
118

51-Sb-131

MAT 5155

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

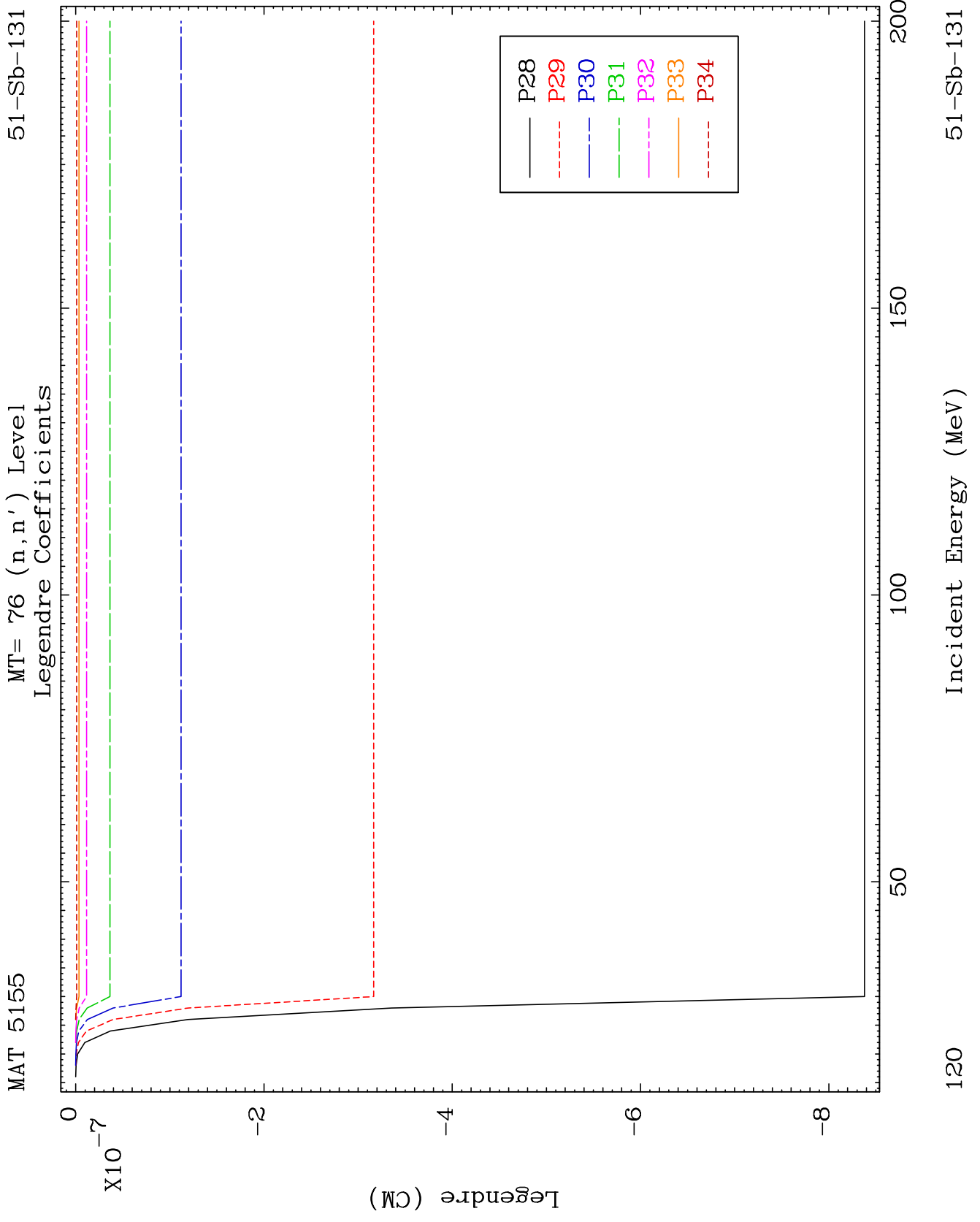
51-Sb-131



119

Incident Energy (MeV)

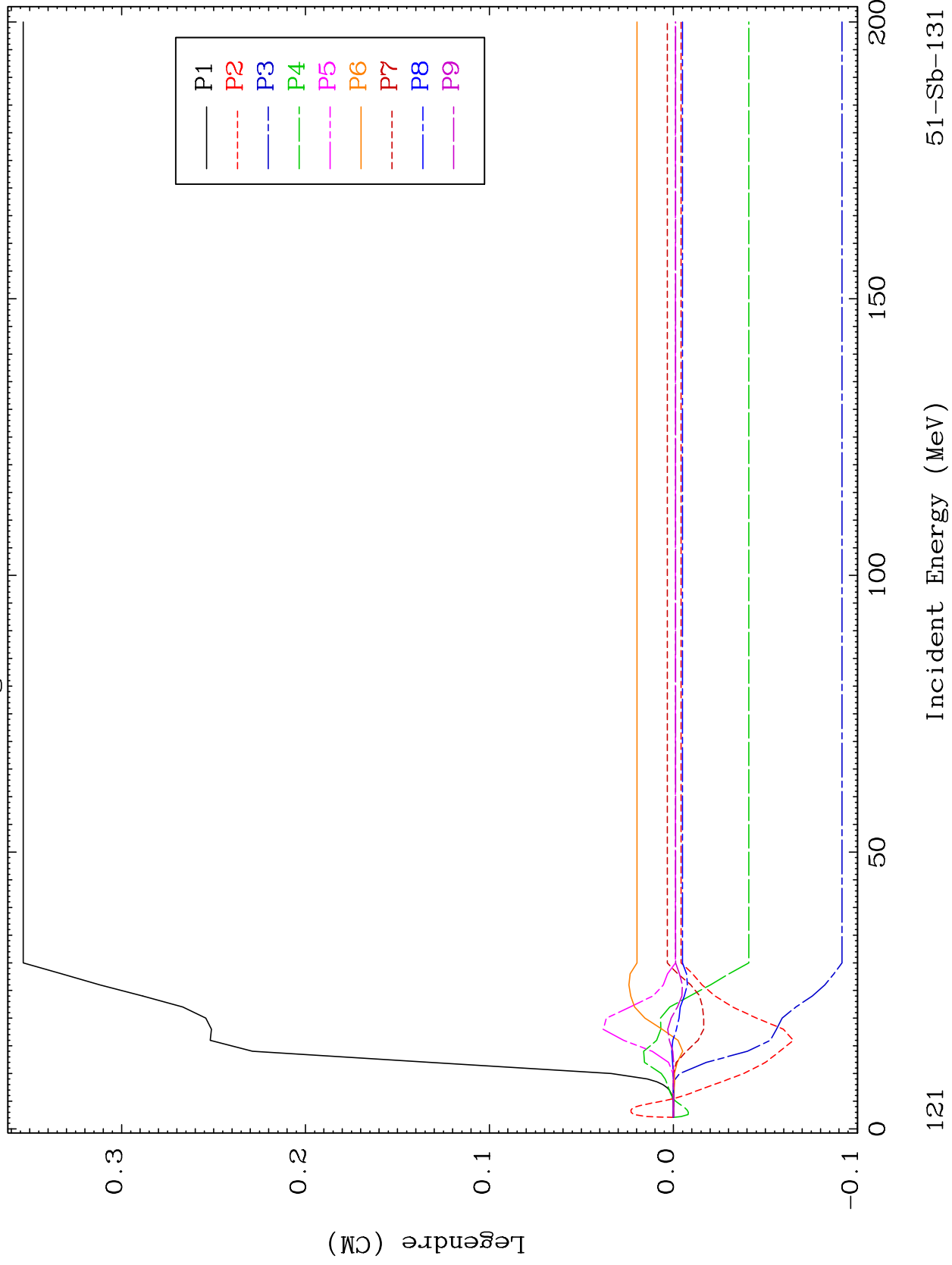
51-Sb-131



MAT 5155

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

51-Sb-131



51-Sb-131

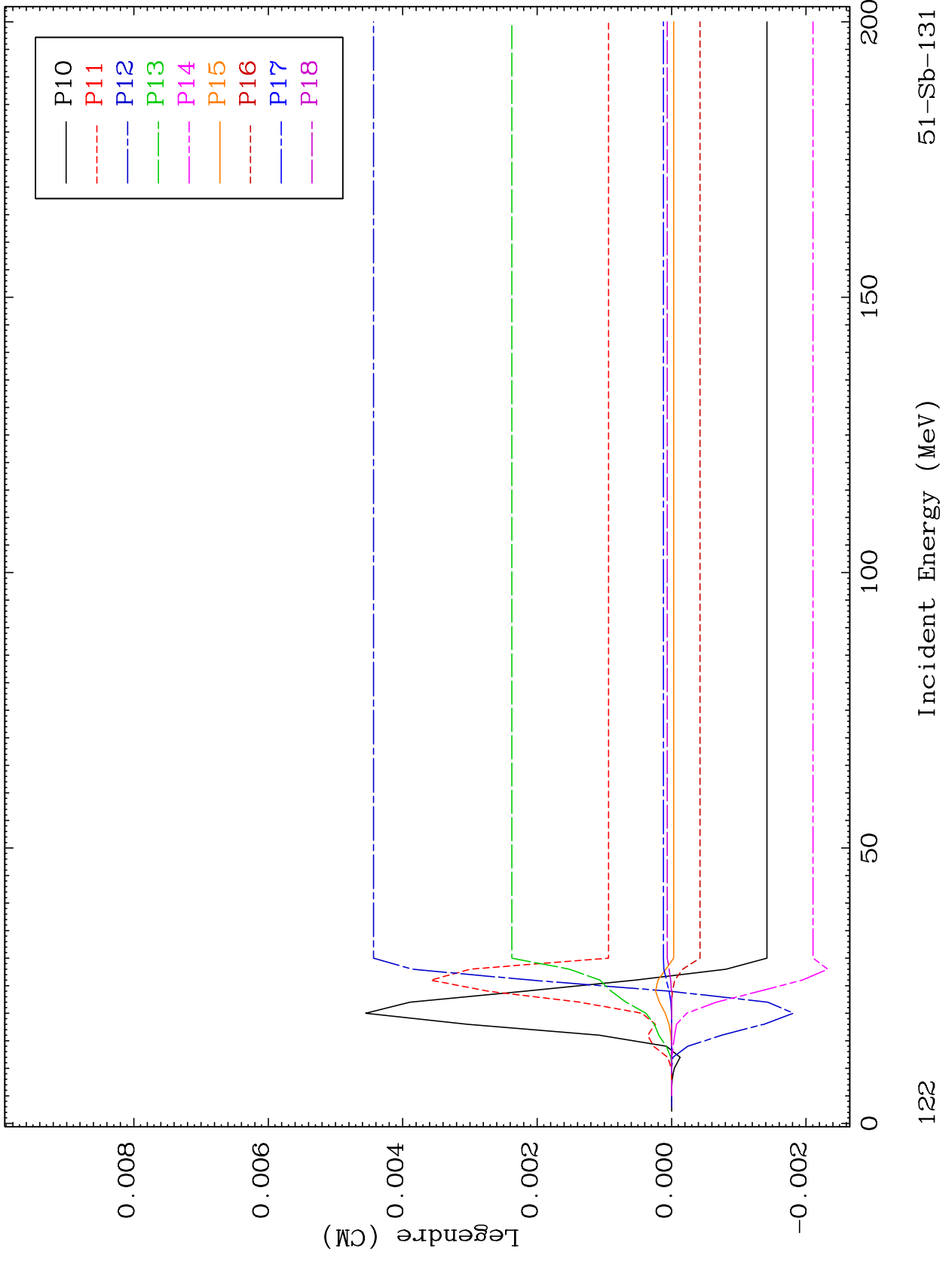
Incident Energy (MeV)

121

MAT 5155

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

51-Sb-131



122

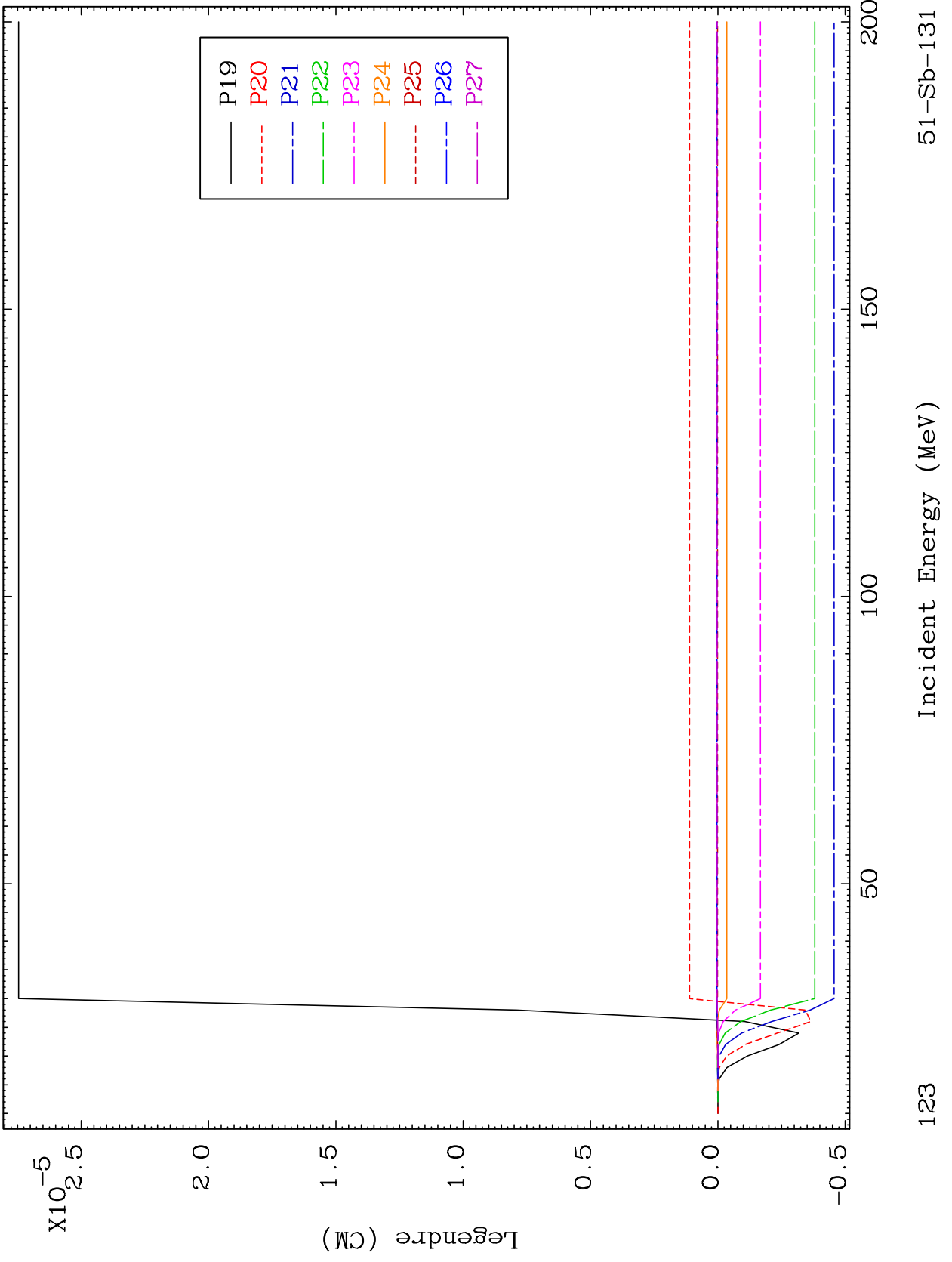
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

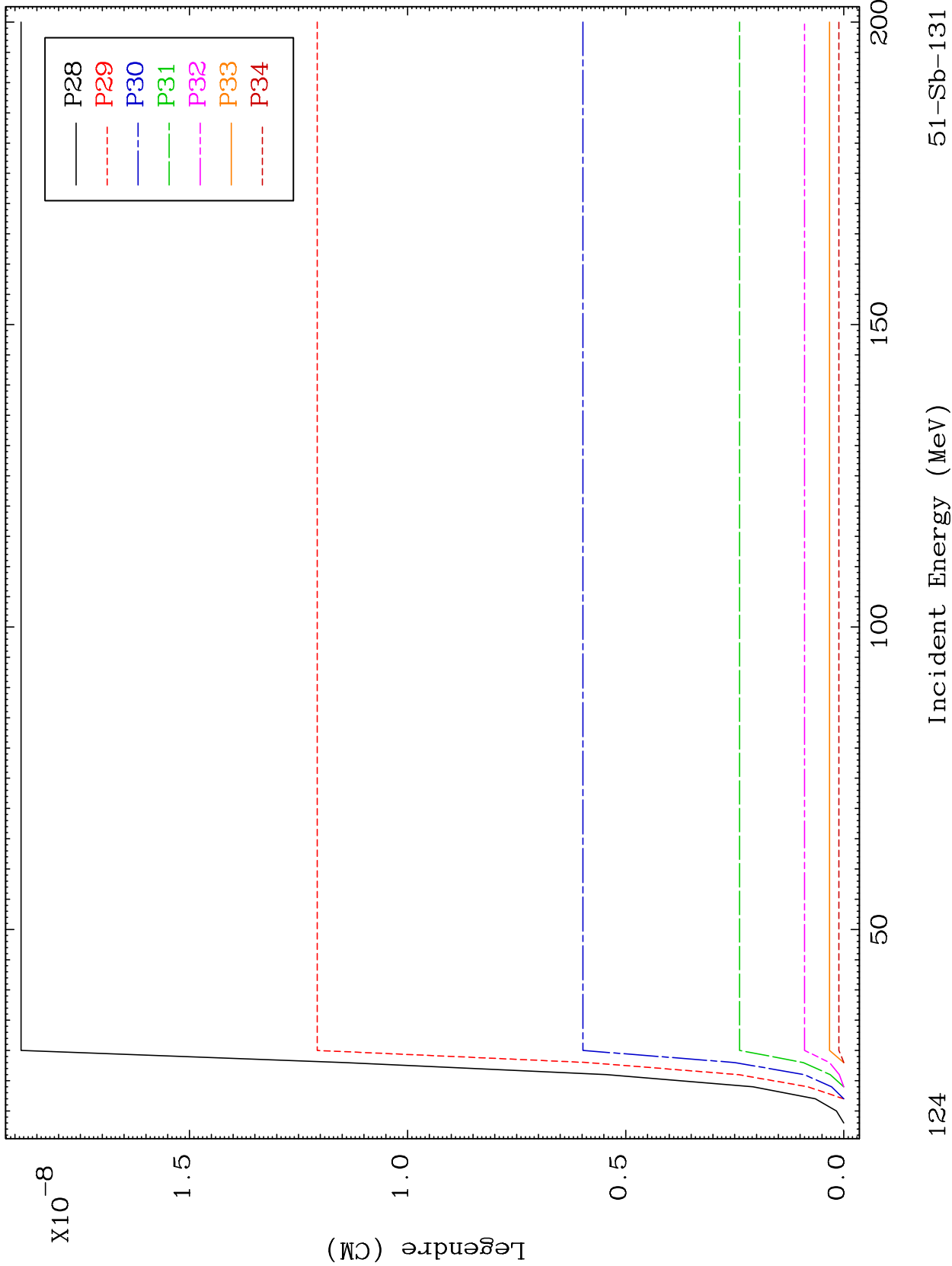
51-Sb-131



MAT 5155

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

51-Sb-131



124

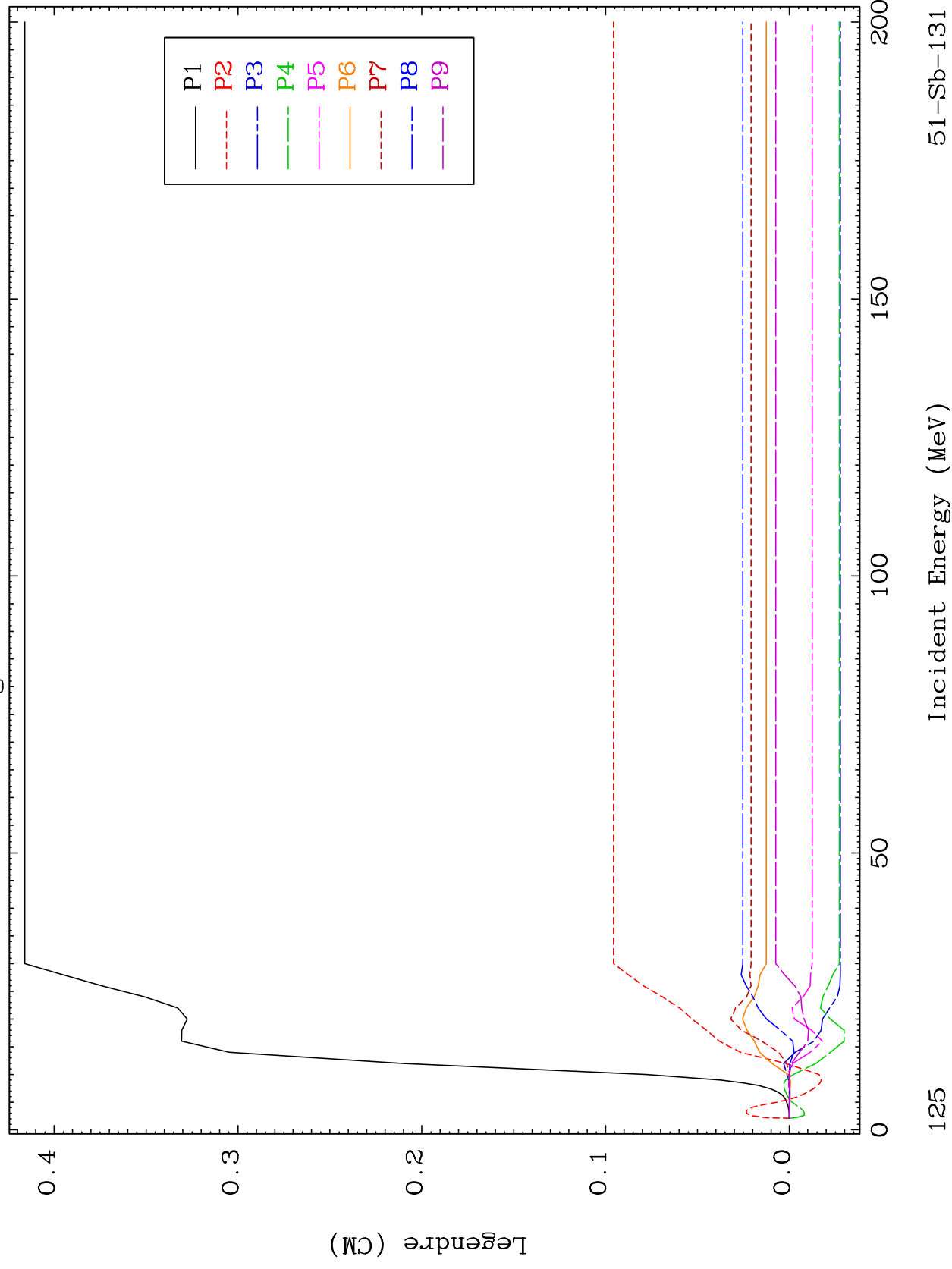
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

51-Sb-131



51-Sb-131

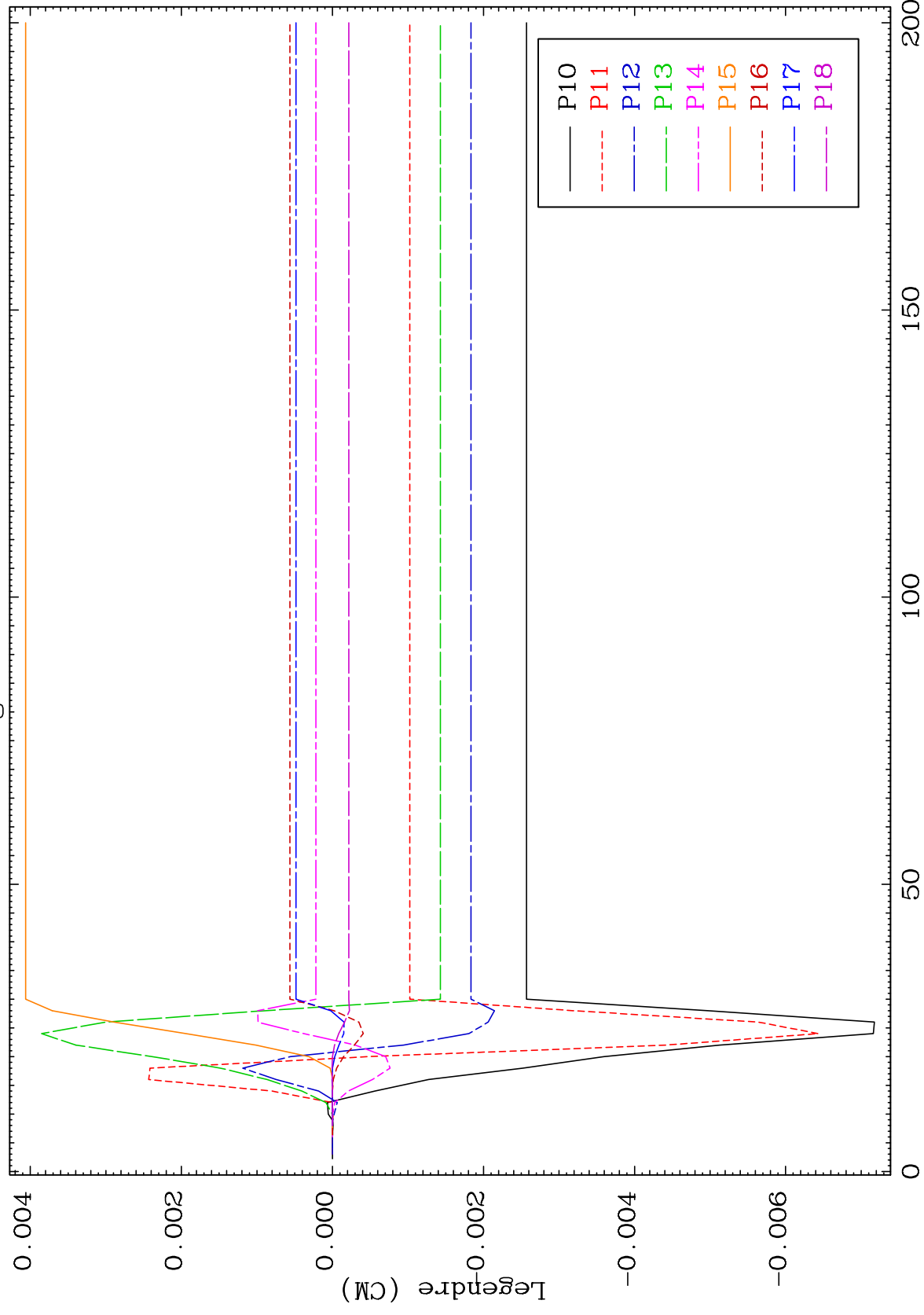
Incident Energy (MeV)

125

MAT 5155

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

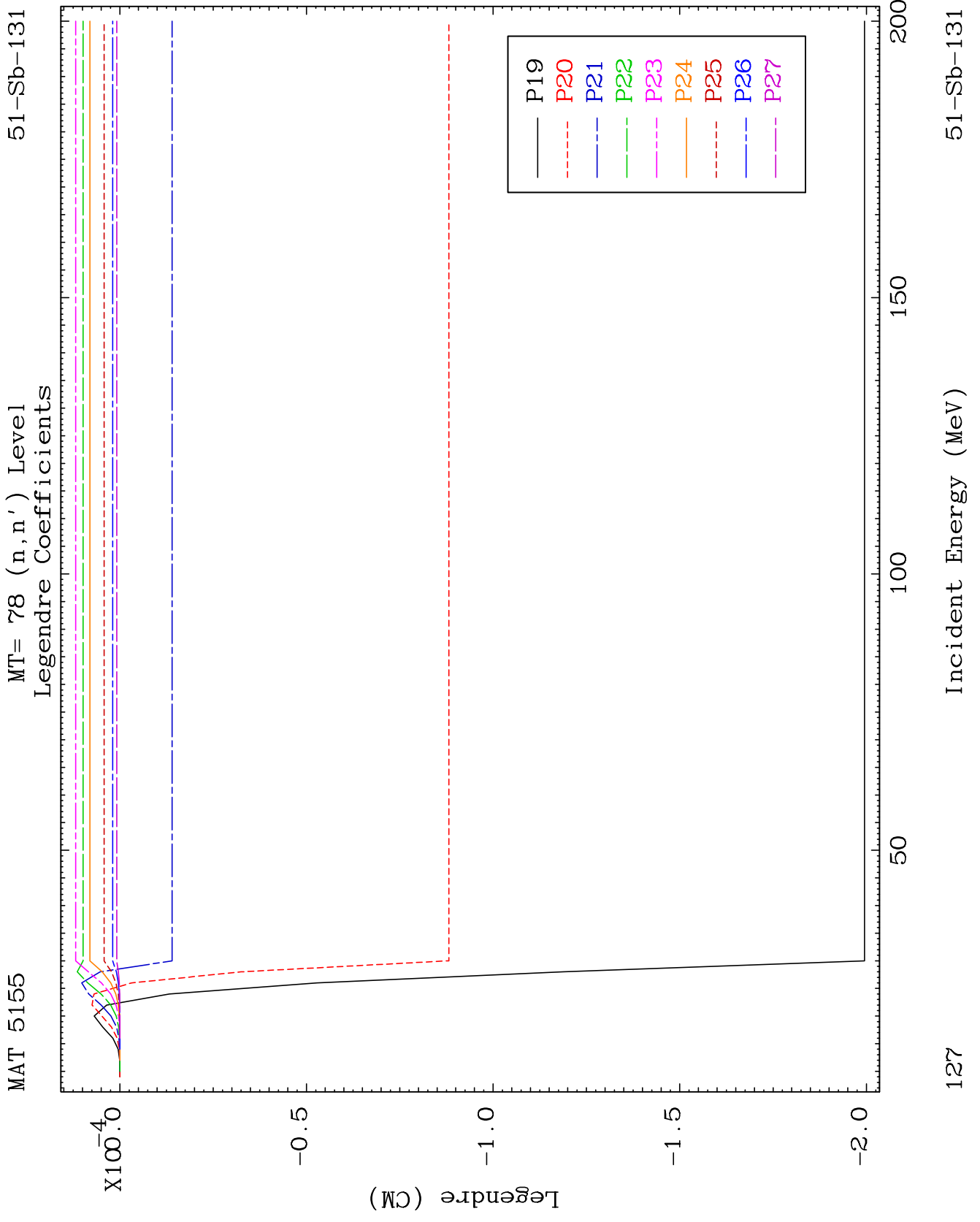
51-Sb-131



126

Incident Energy (MeV)

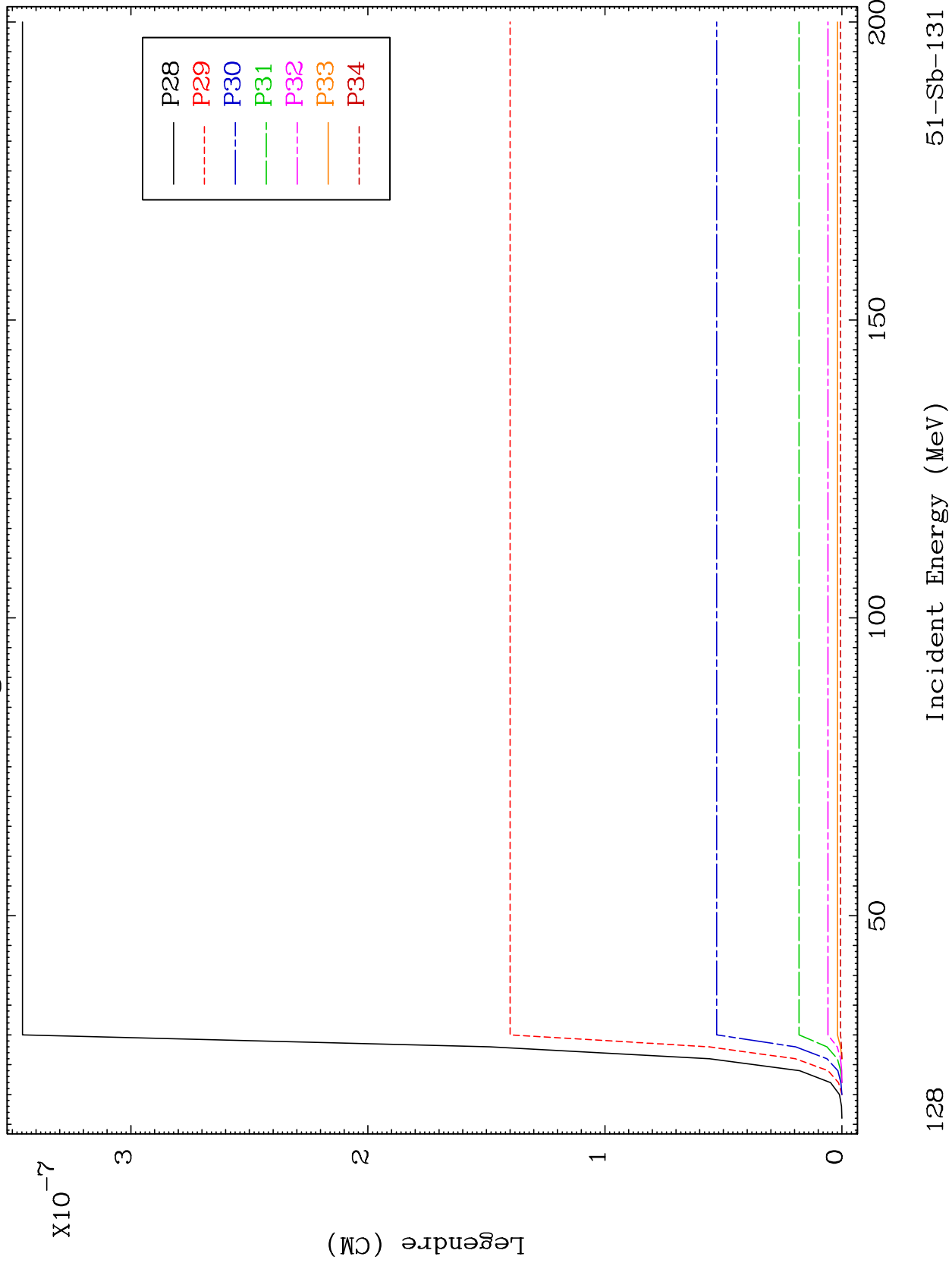
51-Sb-131



MAT 5155

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

51-Sb-131



128

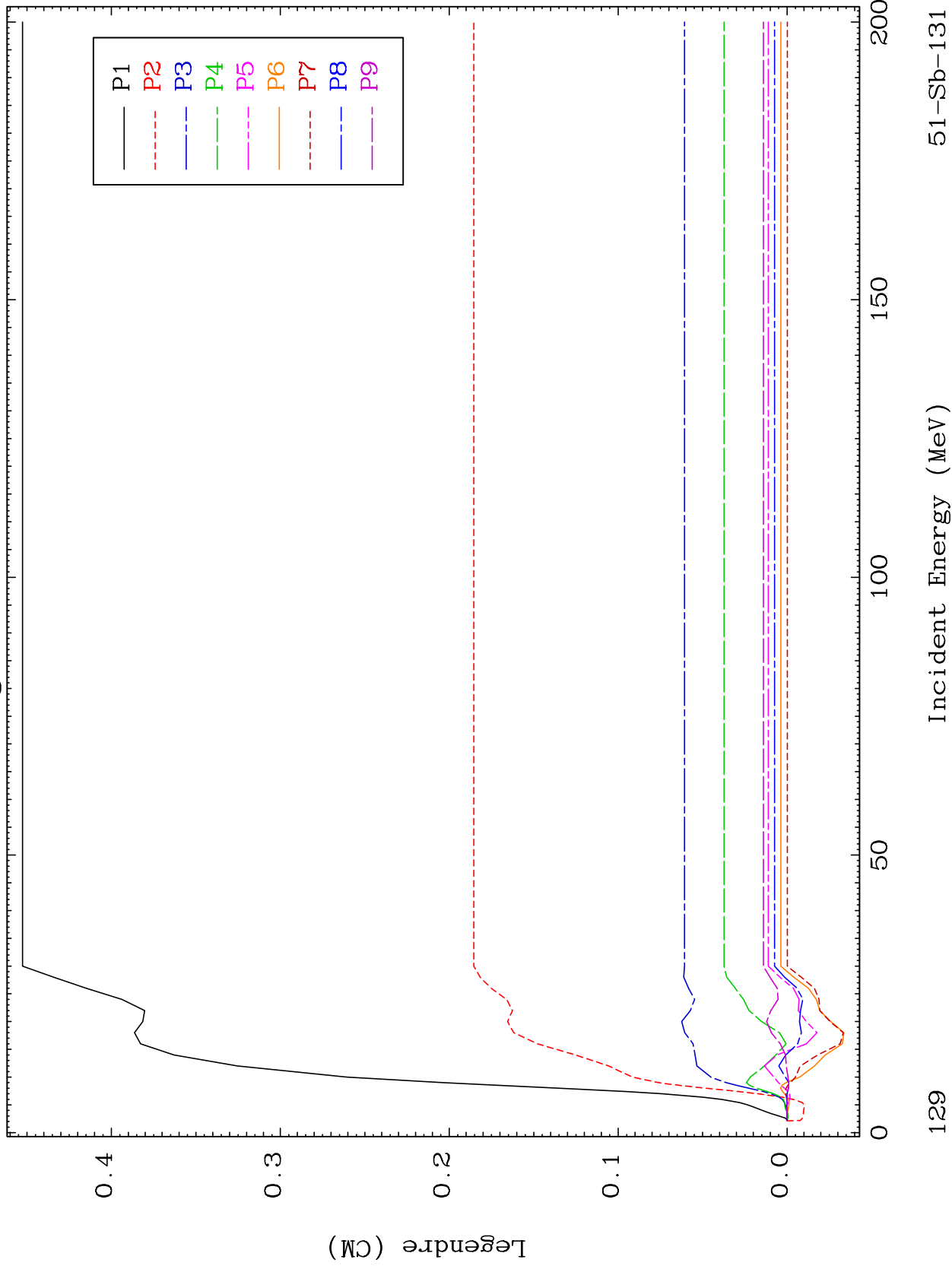
Incident Energy (MeV)

51-Sb-131

MAT 5155

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

51-Sb-131



51-Sb-131

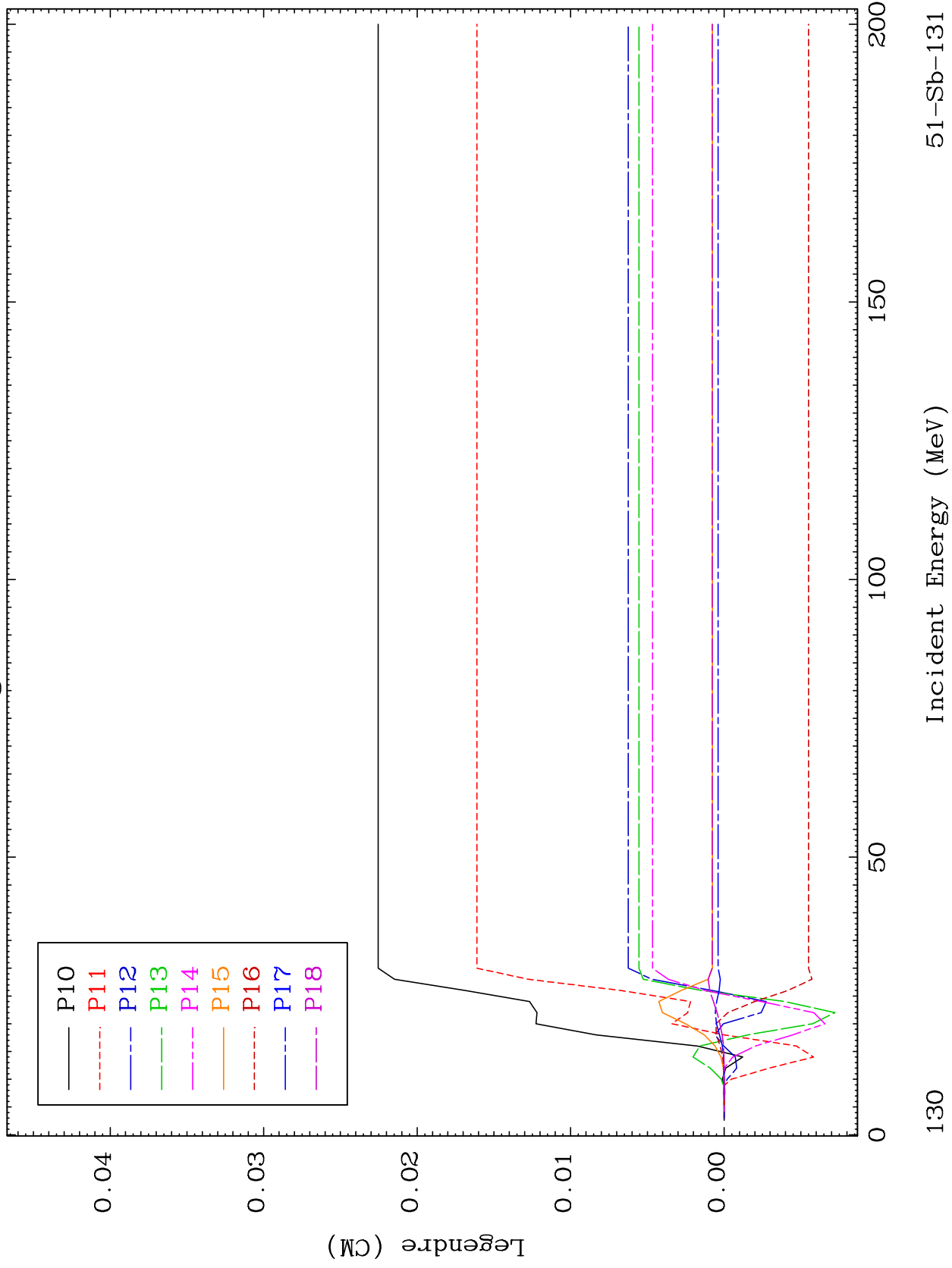
Incident Energy (MeV)

129

MAT 5155

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

51-Sb-131



51-Sb-131

Incident Energy (MeV)

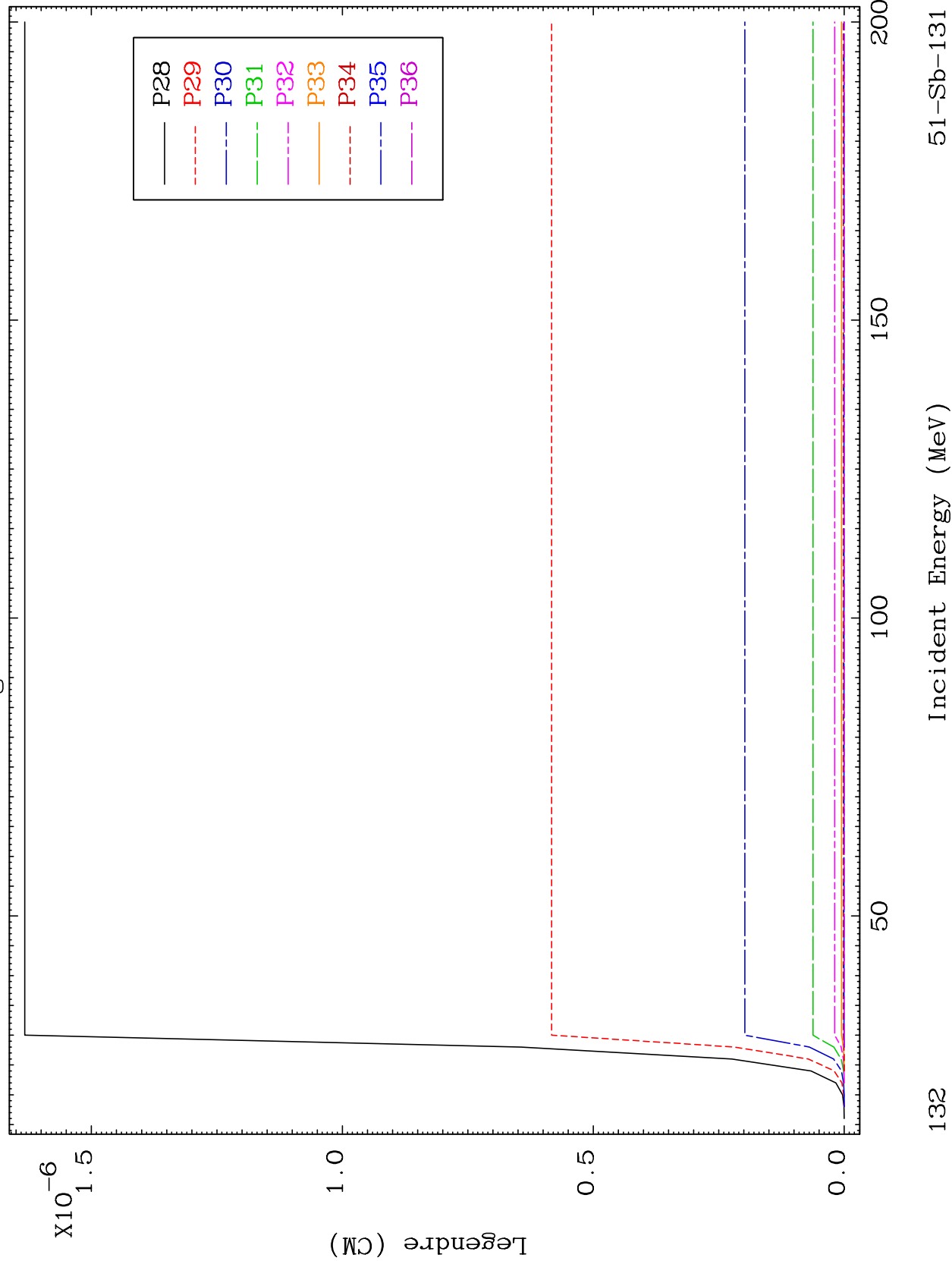
130



MAT 5155

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

51-Sb-131



132

Incident Energy (MeV)

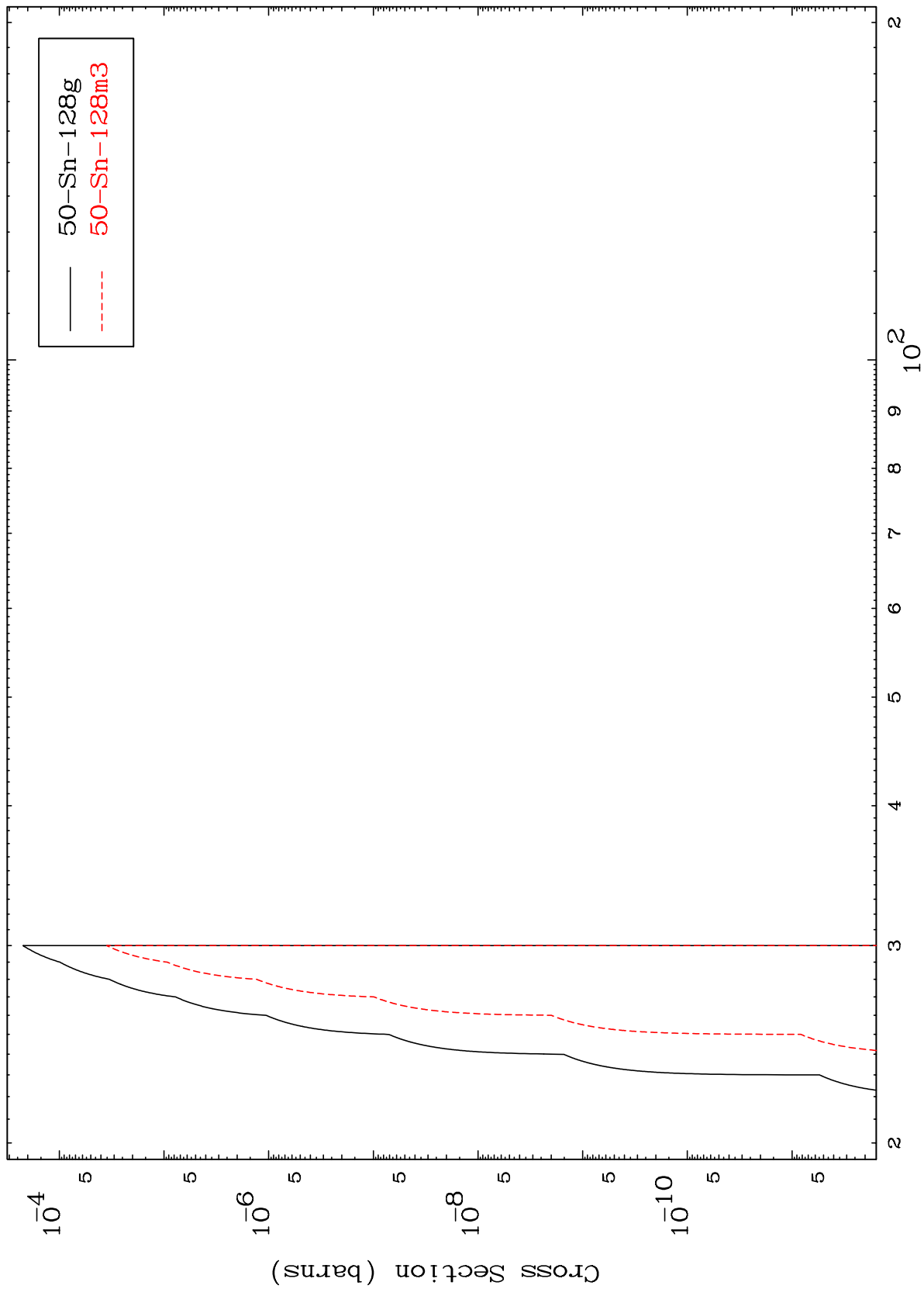
51-Sb-131

MAT 5155

(n,2n) d

51-Sb-131

Radionuclide Production Cross Section



133

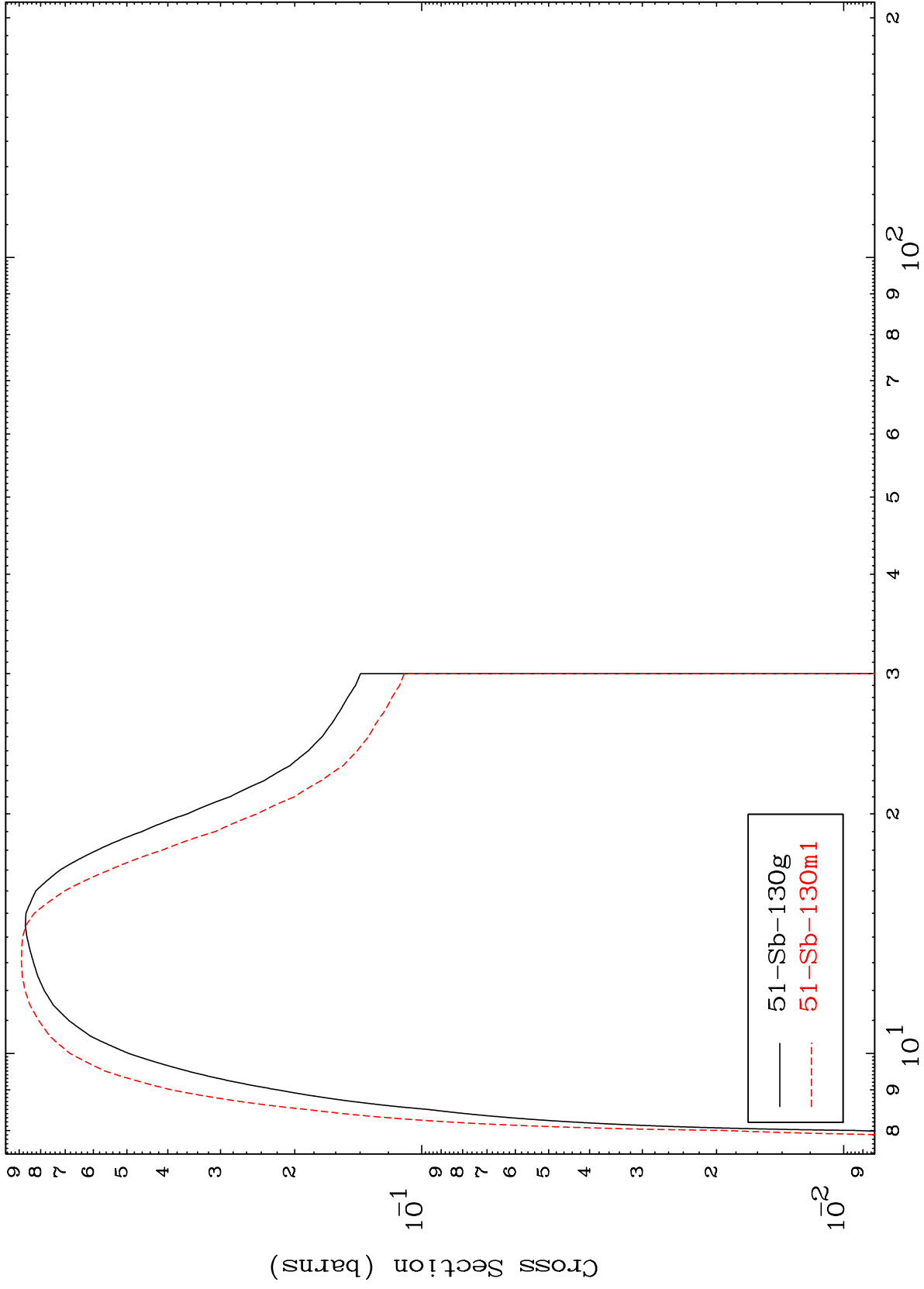
Incident Energy (MeV)

51-Sb-131

MAT 5155

51-Sb-131

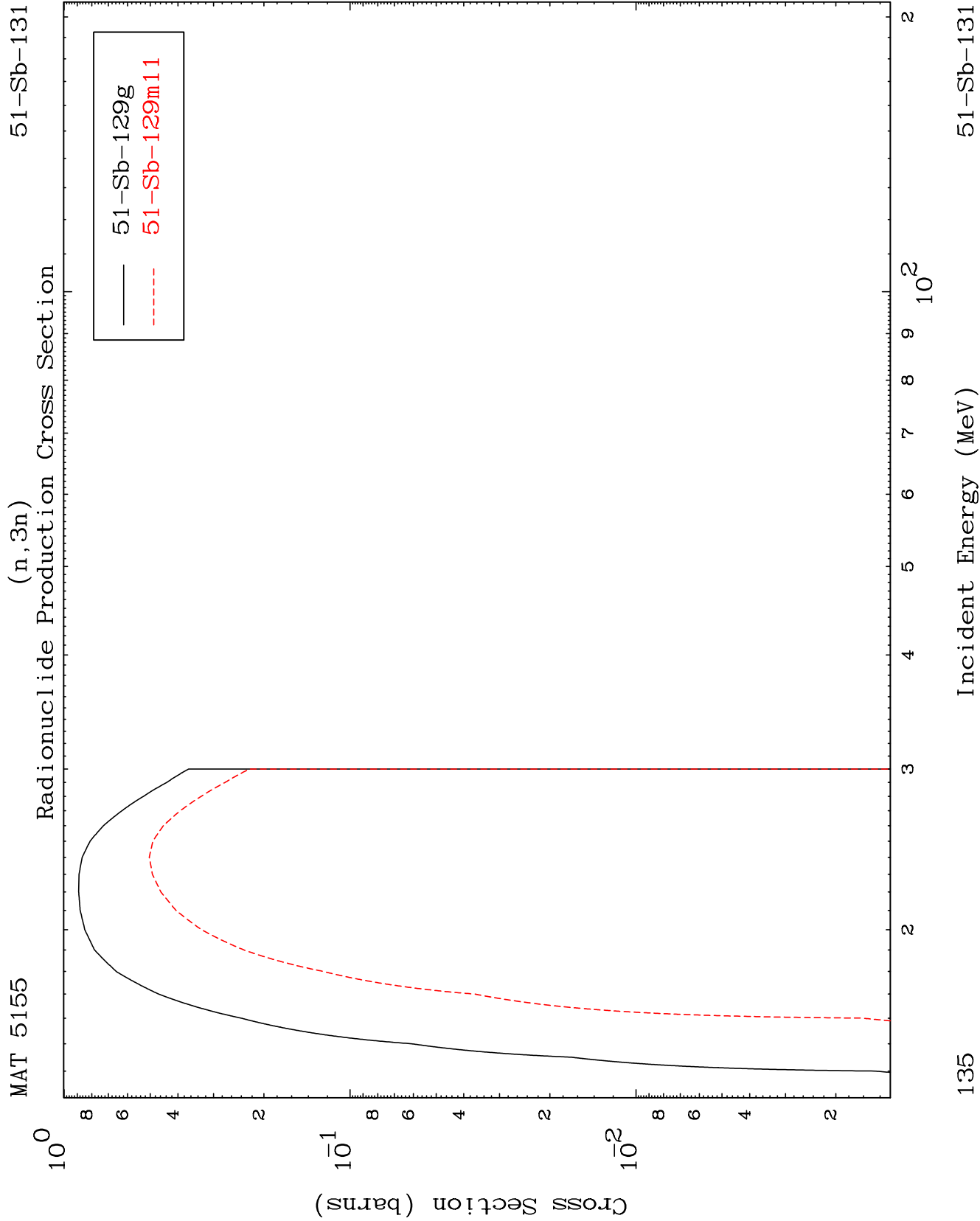
(n,2n)  
Radionuclide Production Cross Section



51-Sb-131

Incident Energy (MeV)

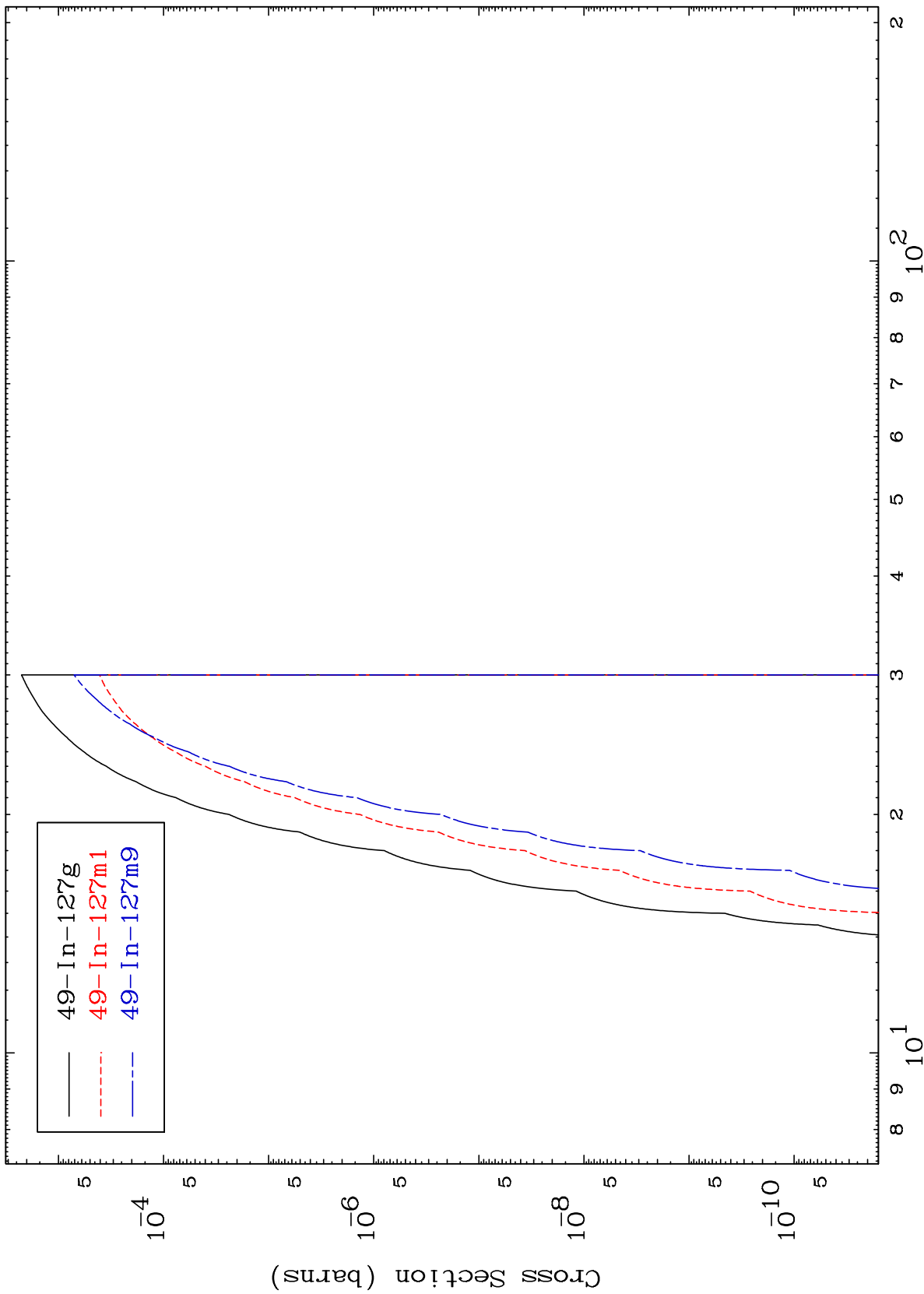
134



MAT 5155

51-Sb-131

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



136

Incident Energy (MeV)

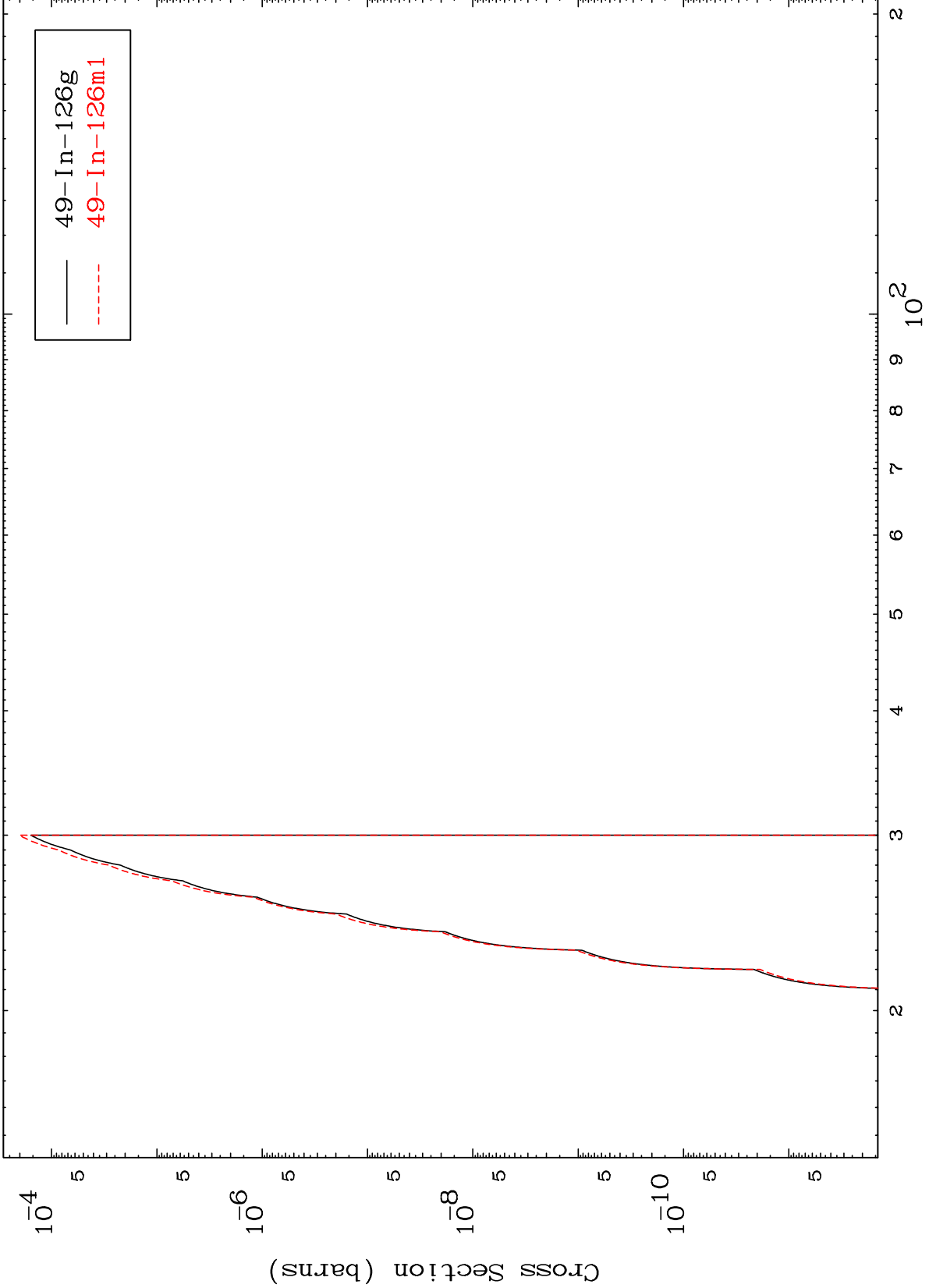
51-Sb-131

MAT 5155

(n,2n)  $\alpha$

51-Sb-131

Radionuclide Production Cross Section



137

Incident Energy (MeV)

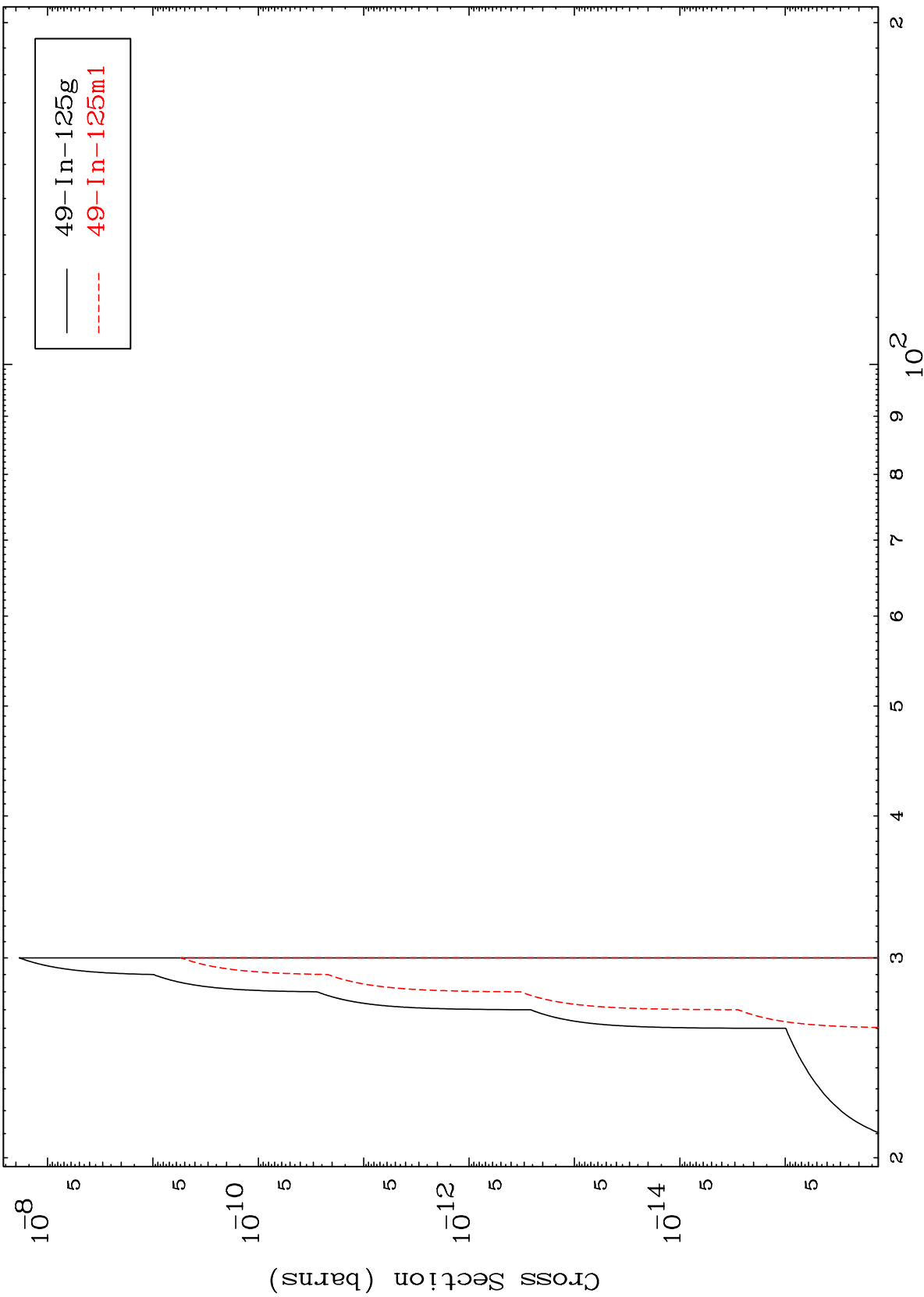
51-Sb-131

MAT 5155

(n,3n)  $\alpha$

51-Sb-131

Radionuclide Production Cross Section



138

Incident Energy (MeV)

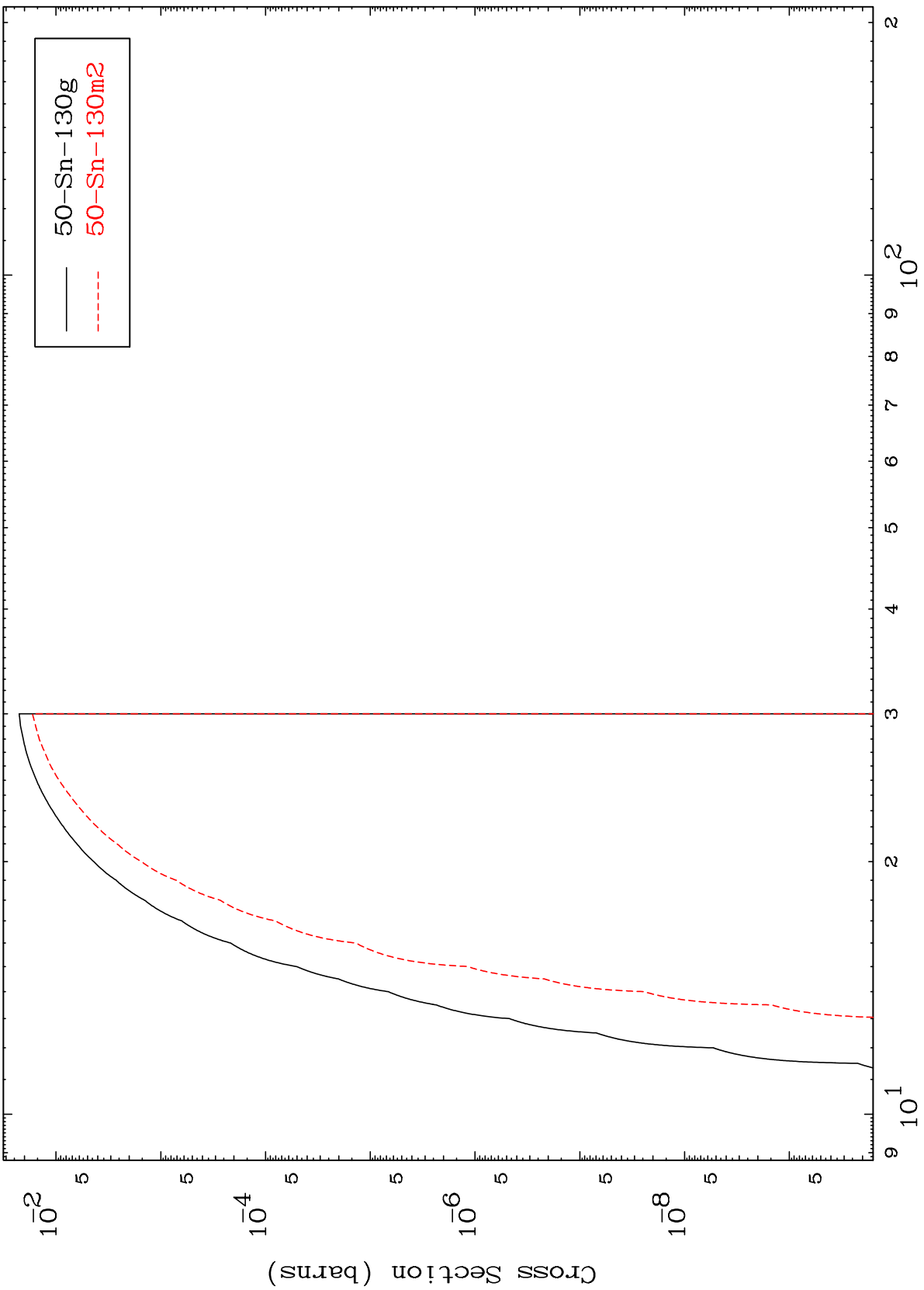
51-Sb-131

MAT 5155

(n,n') p

51-Sb-131

Radionuclide Production Cross Section



139

Incident Energy (MeV)

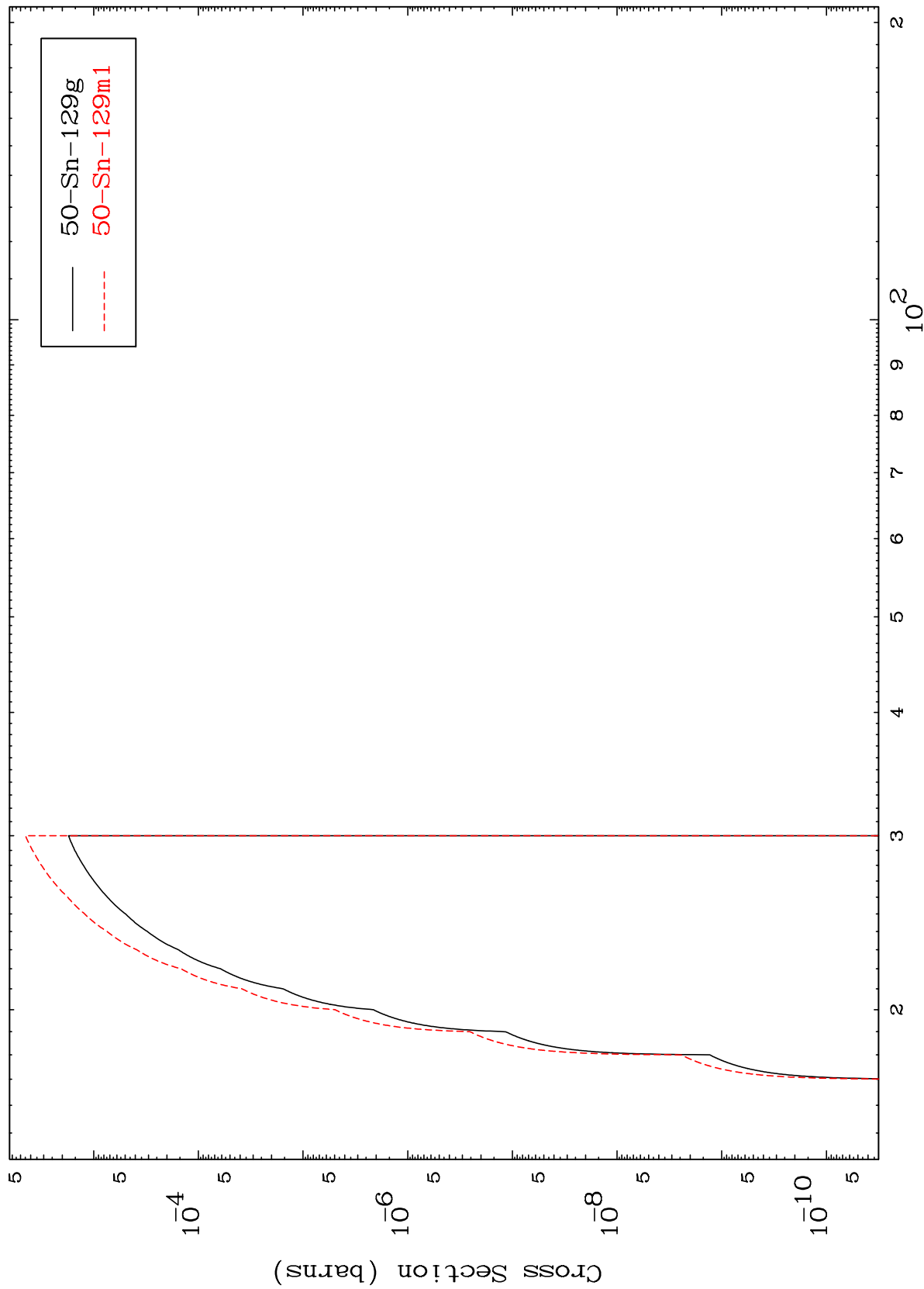
51-Sb-131

MAT 5155

(n,n') d

51-Sb-131

Radionuclide Production Cross Section



140

Incident Energy (MeV)

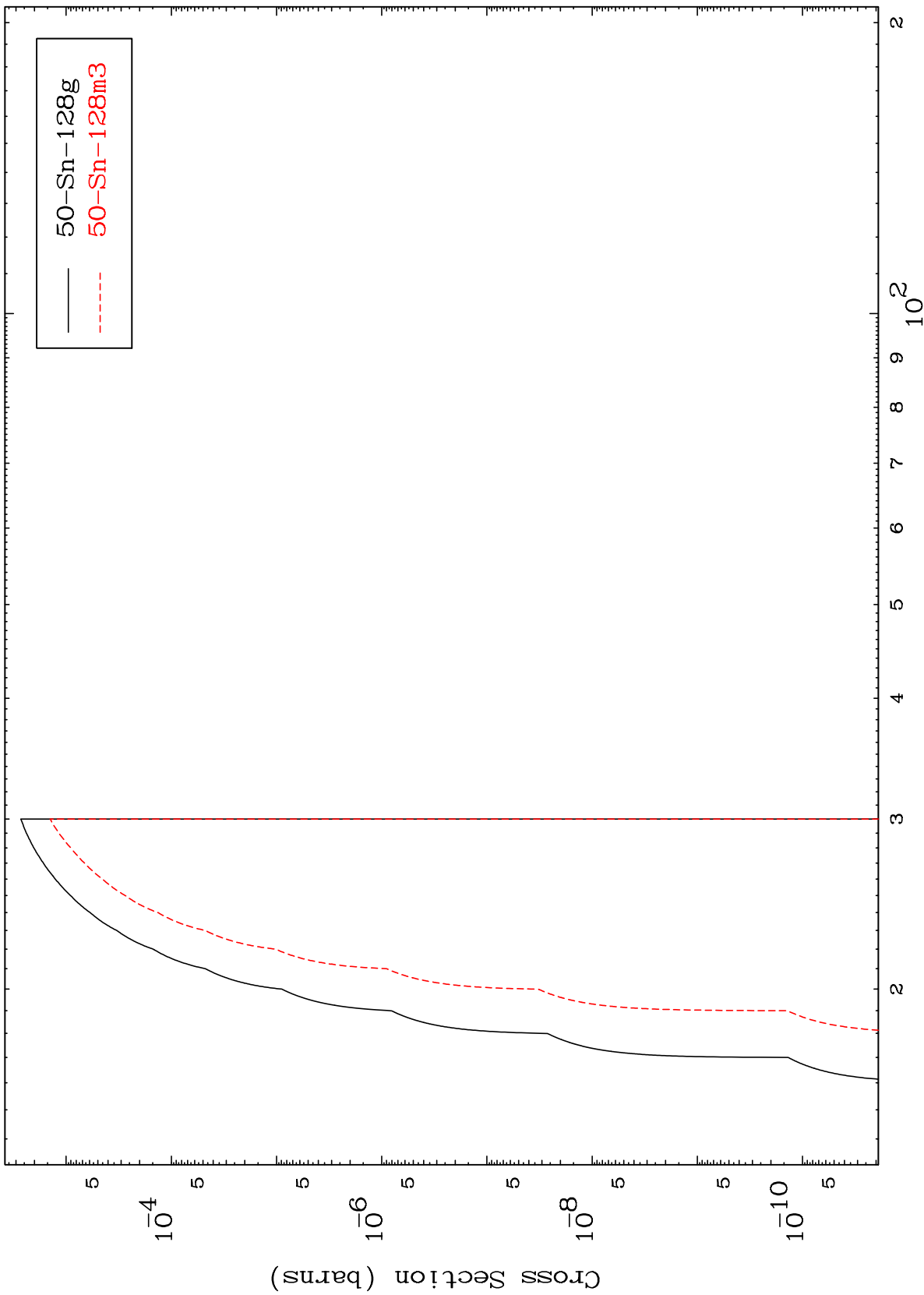
51-Sb-131

MAT 5155

(n,n') t

51-Sb-131

Radionuclide Production Cross Section



141

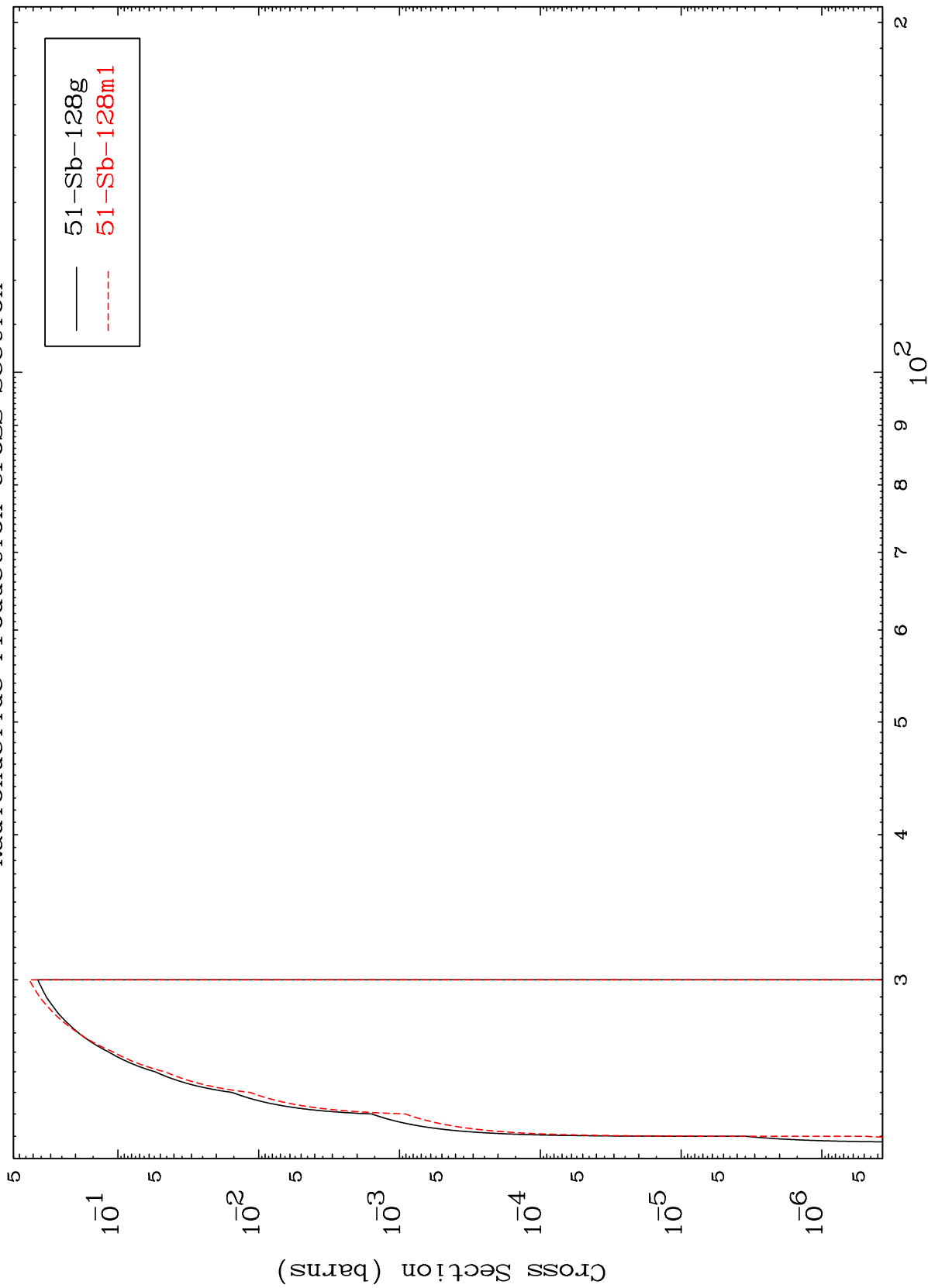
Incident Energy (MeV)

51-Sb-131

MAT 5155

51-Sb-131

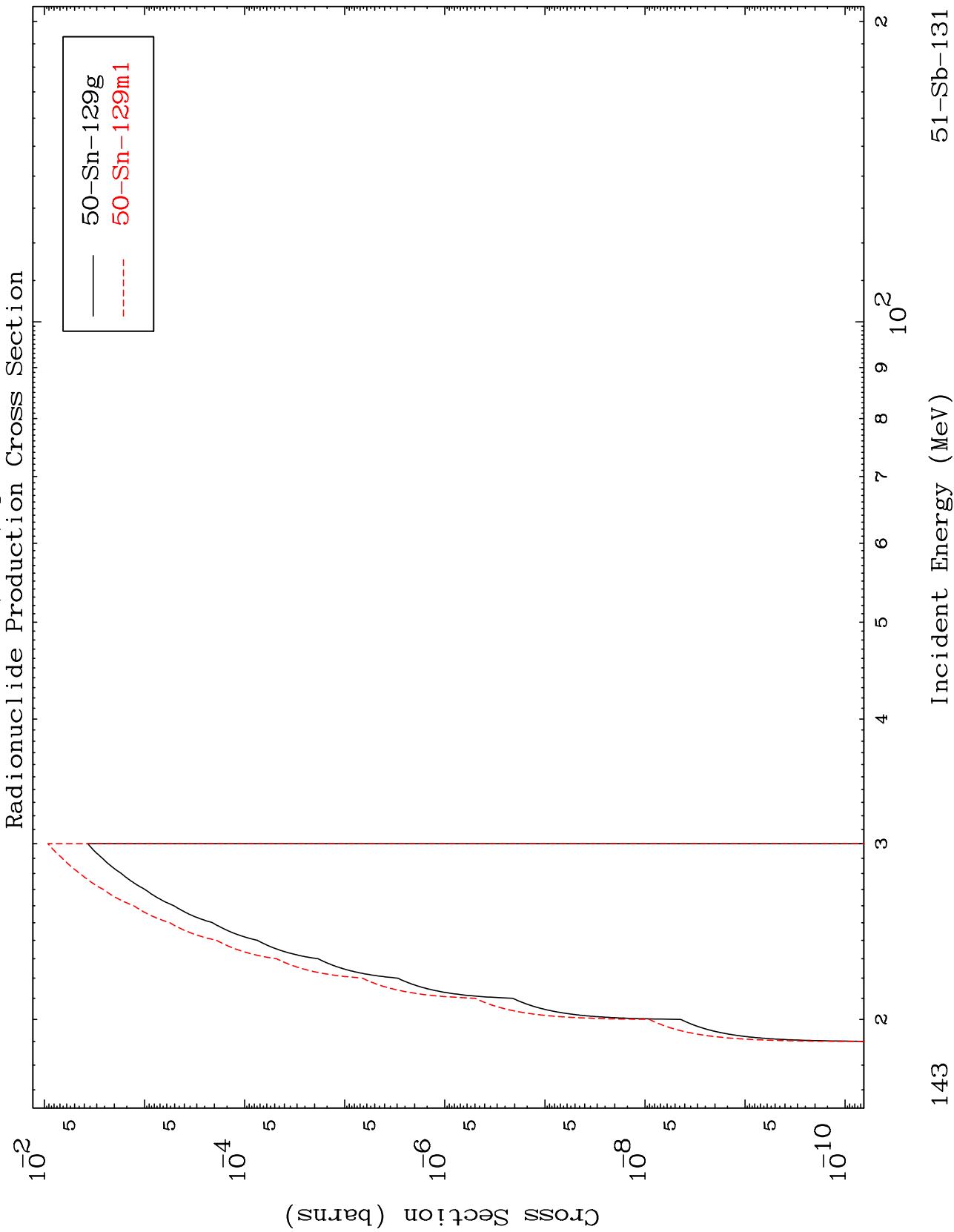
(n,4n)  
Radionuclide Production Cross Section



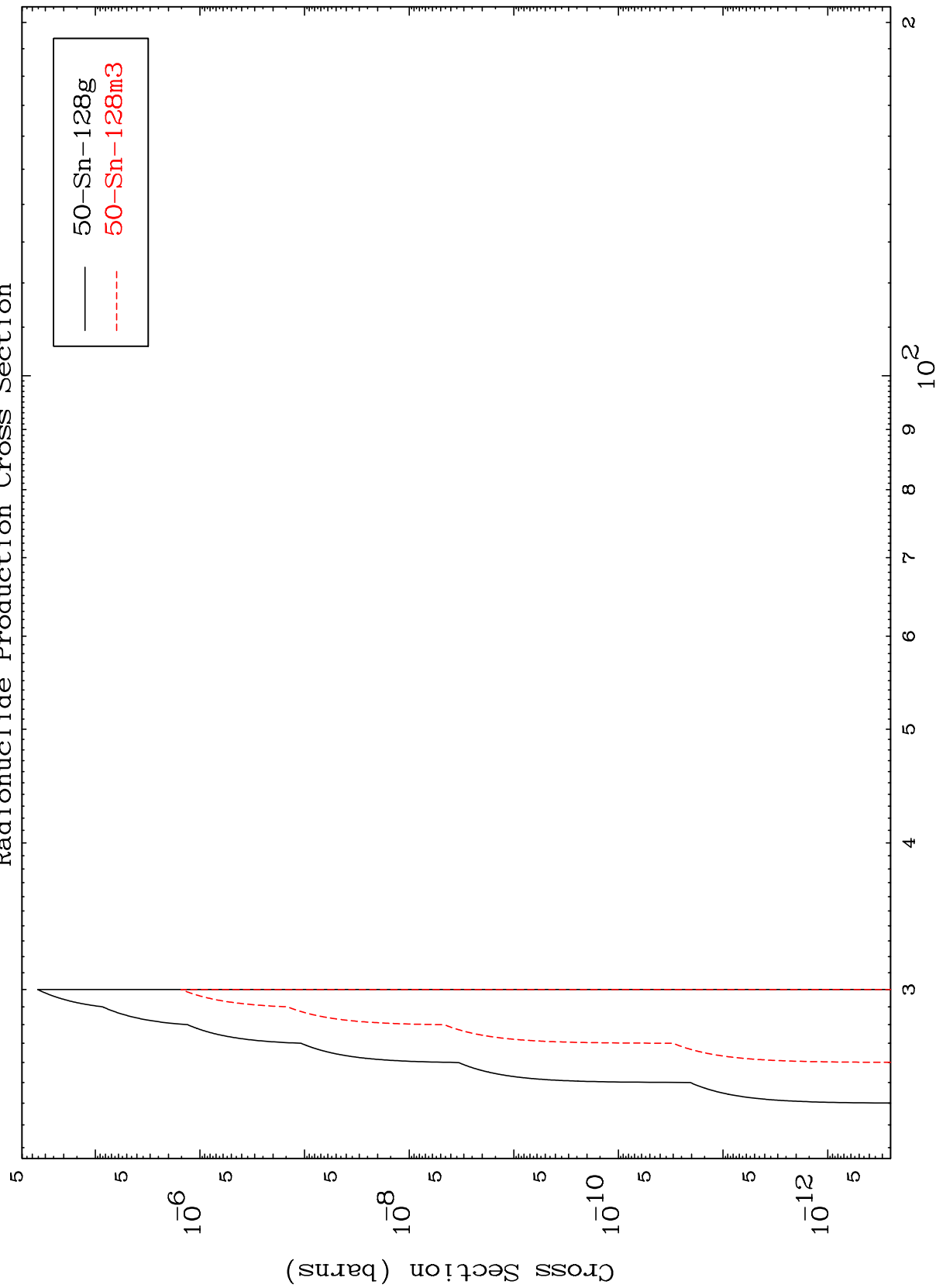
142

Incident Energy (MeV)

51-Sb-131



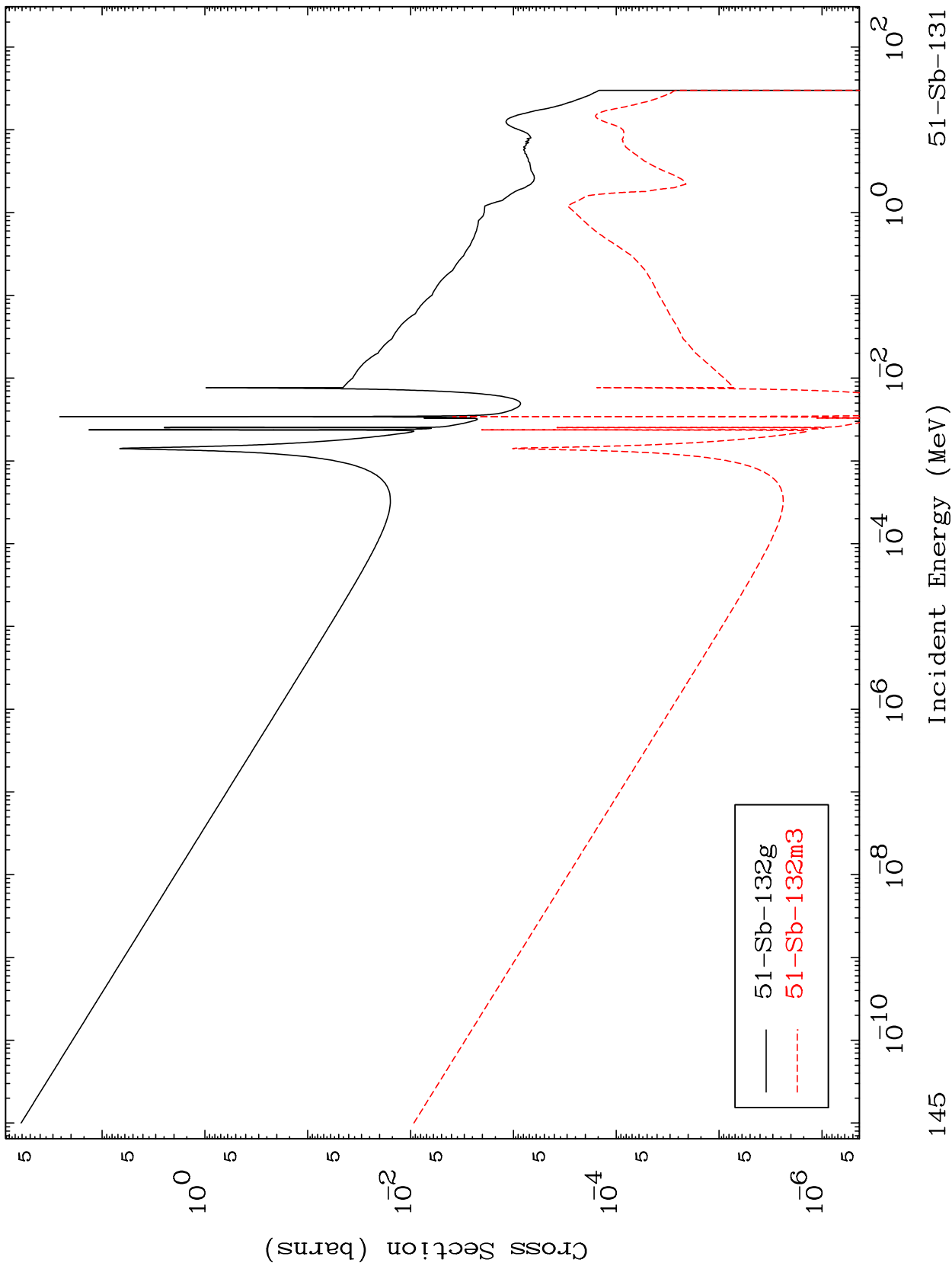
Radionuclide Production Cross Section



MAT 5155

51-Sb-131

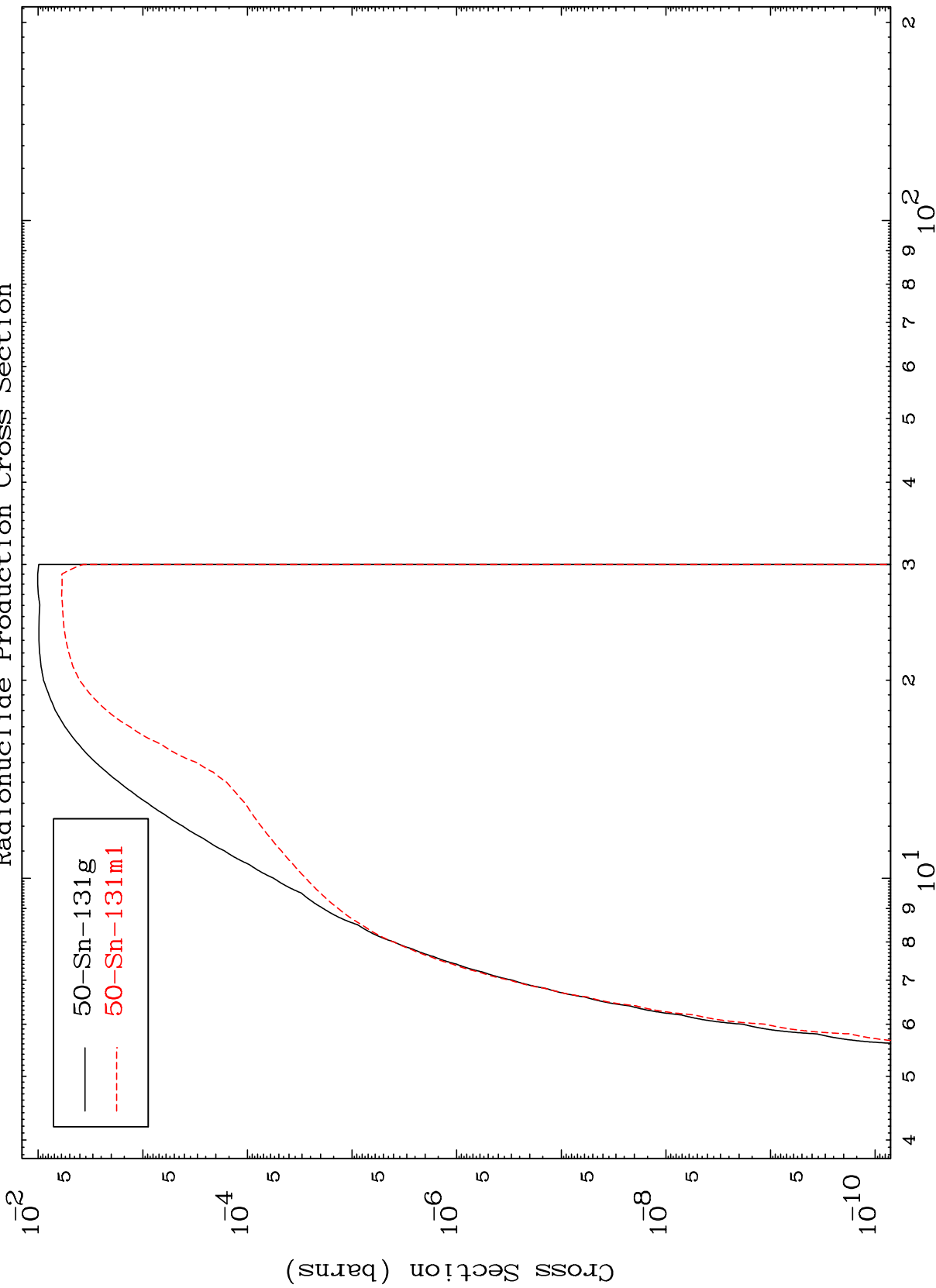
$(n, \gamma)$   
Radionuclide Production Cross Section



MAT 5155

51-Sb-131

(n,p)  
Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-131

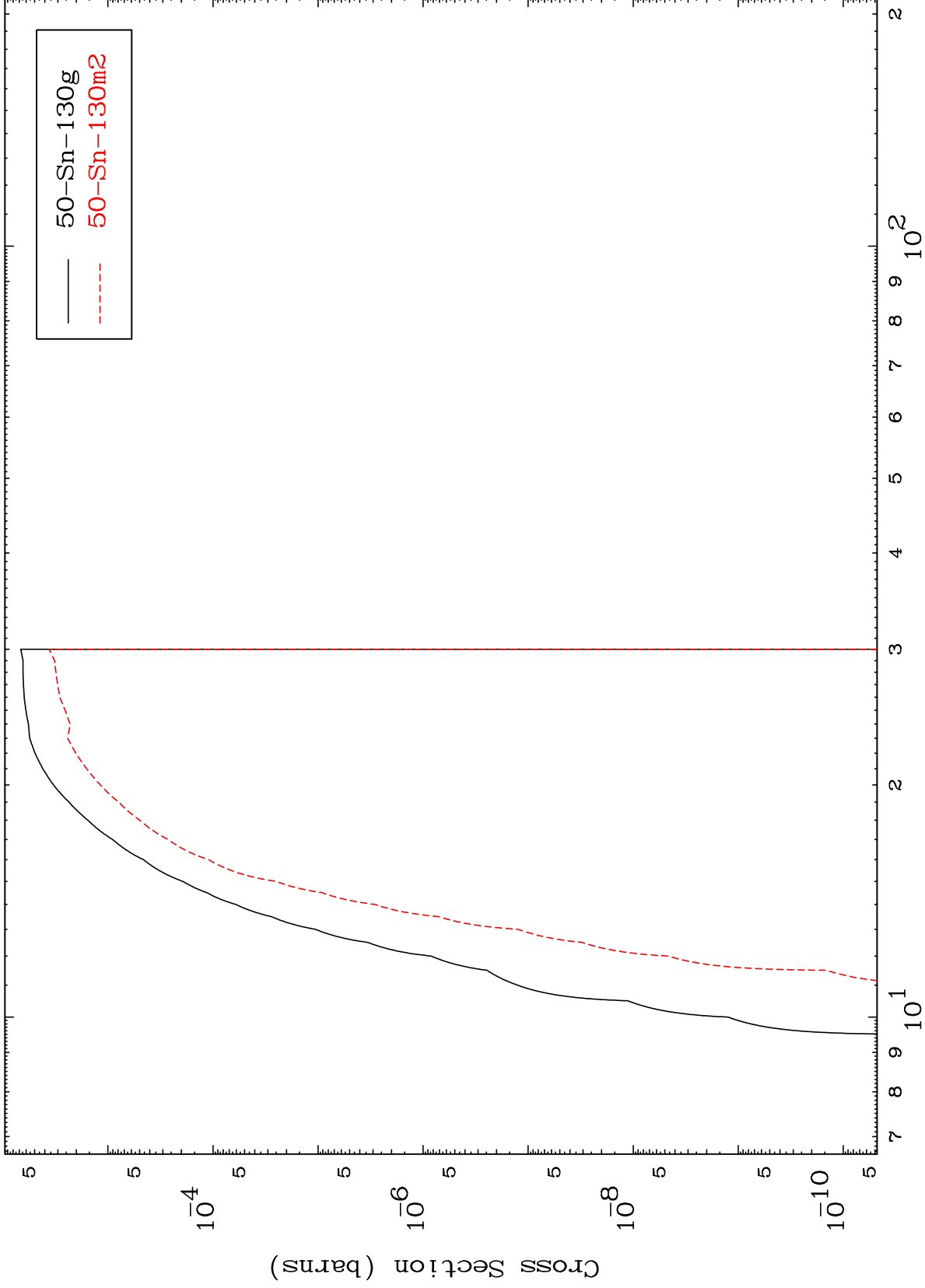
146

MAT 5155

(n,d)

51-Sb-131

Radionuclide Production Cross Section



147

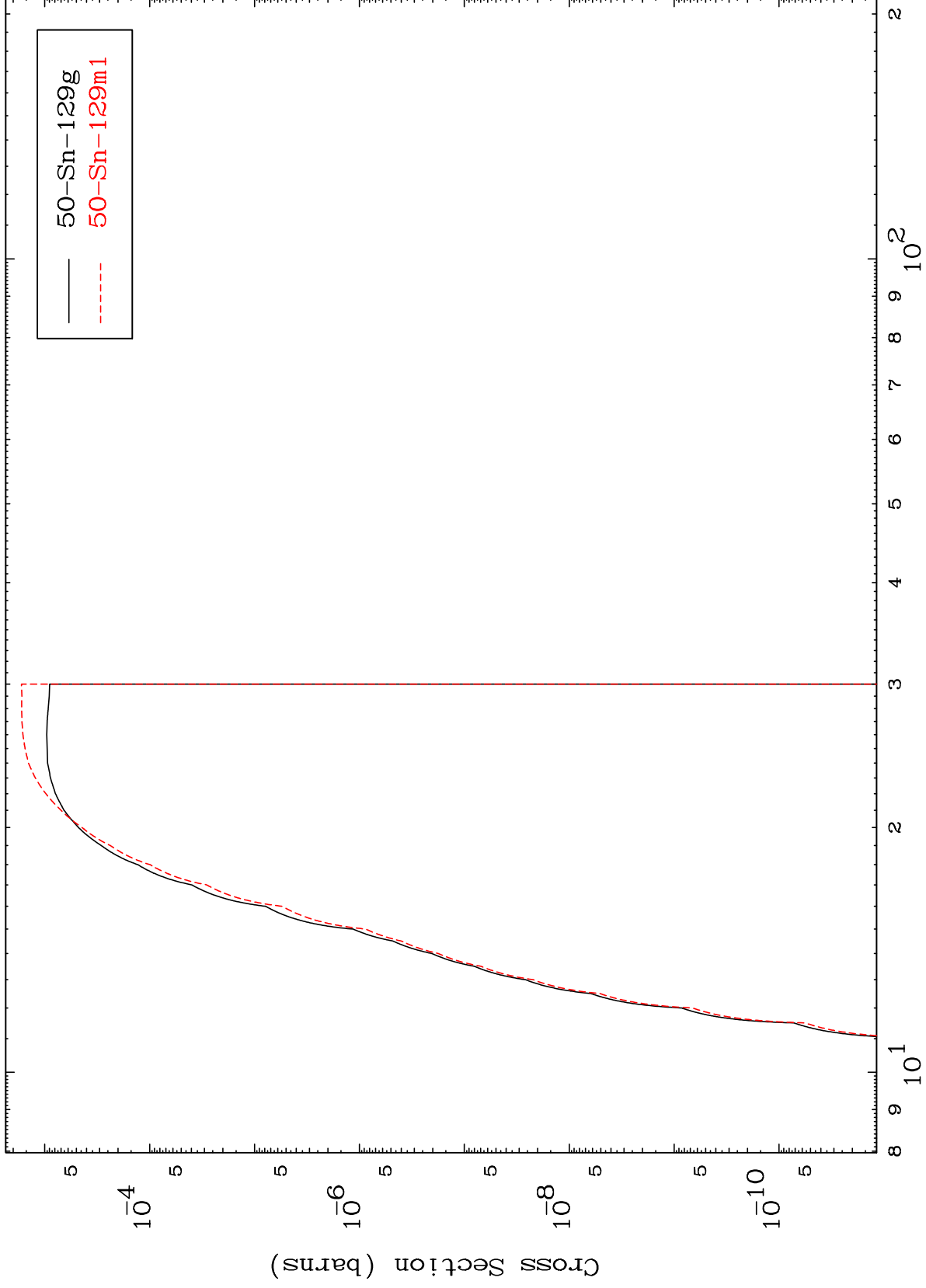
Incident Energy (MeV)

51-Sb-131

MAT 5155

51-Sb-131

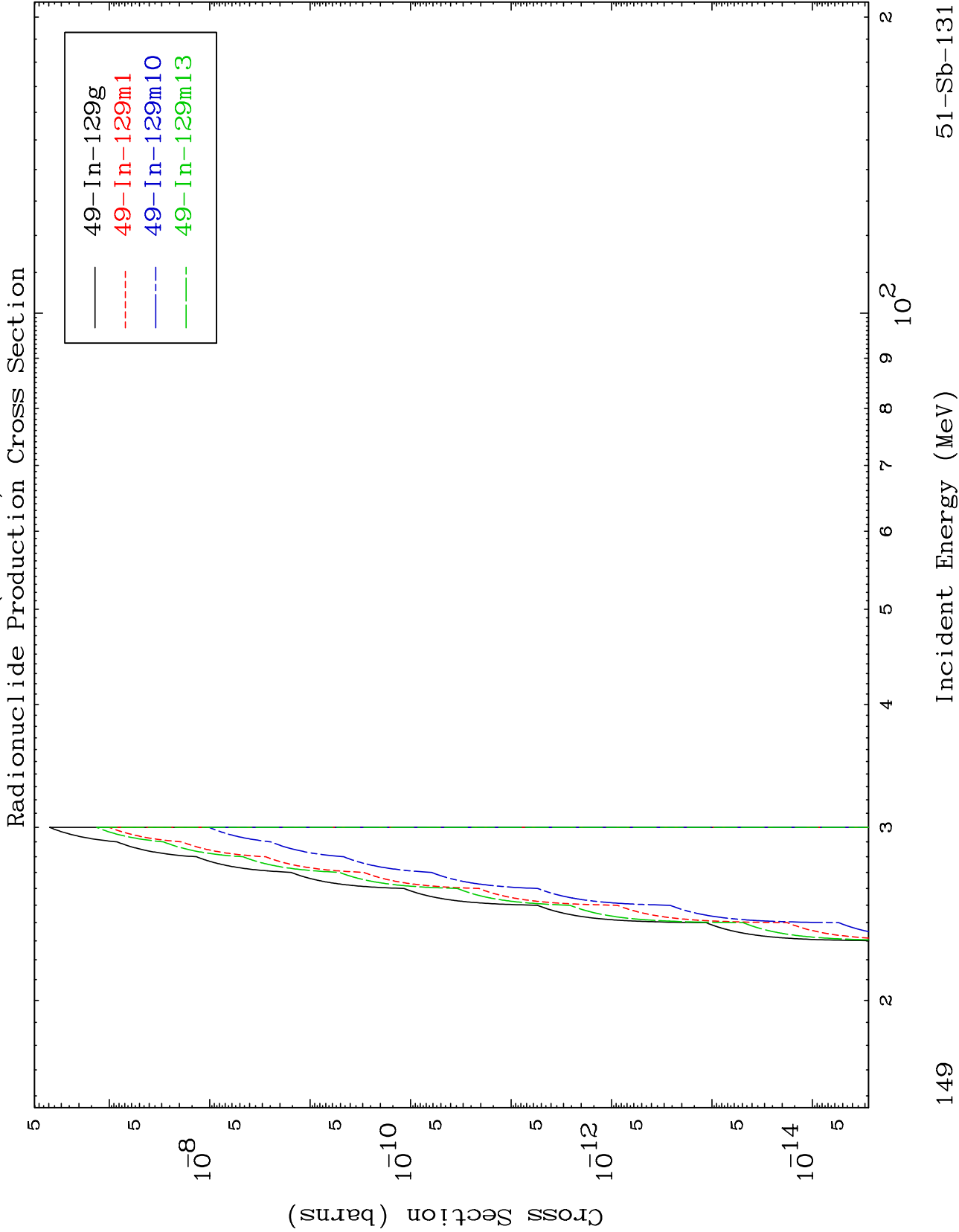
(n,t)  
Radionuclide Production Cross Section



51-Sb-131

Incident Energy (MeV)

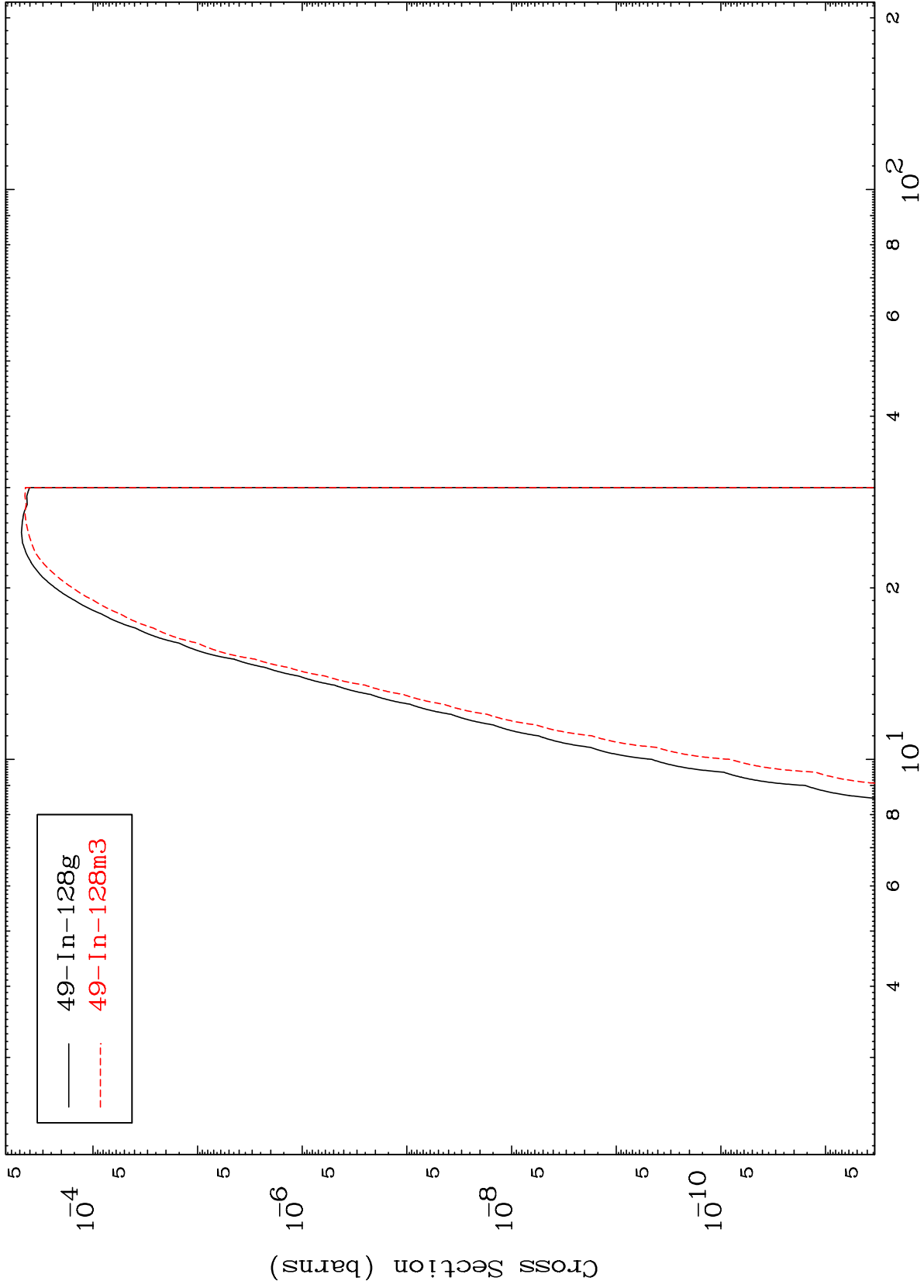
148



MAT 5155

51-Sb-131

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



51-Sb-131

Incident Energy (MeV)

150