

Program EVALPLOT  
(Version 2018-1)

by

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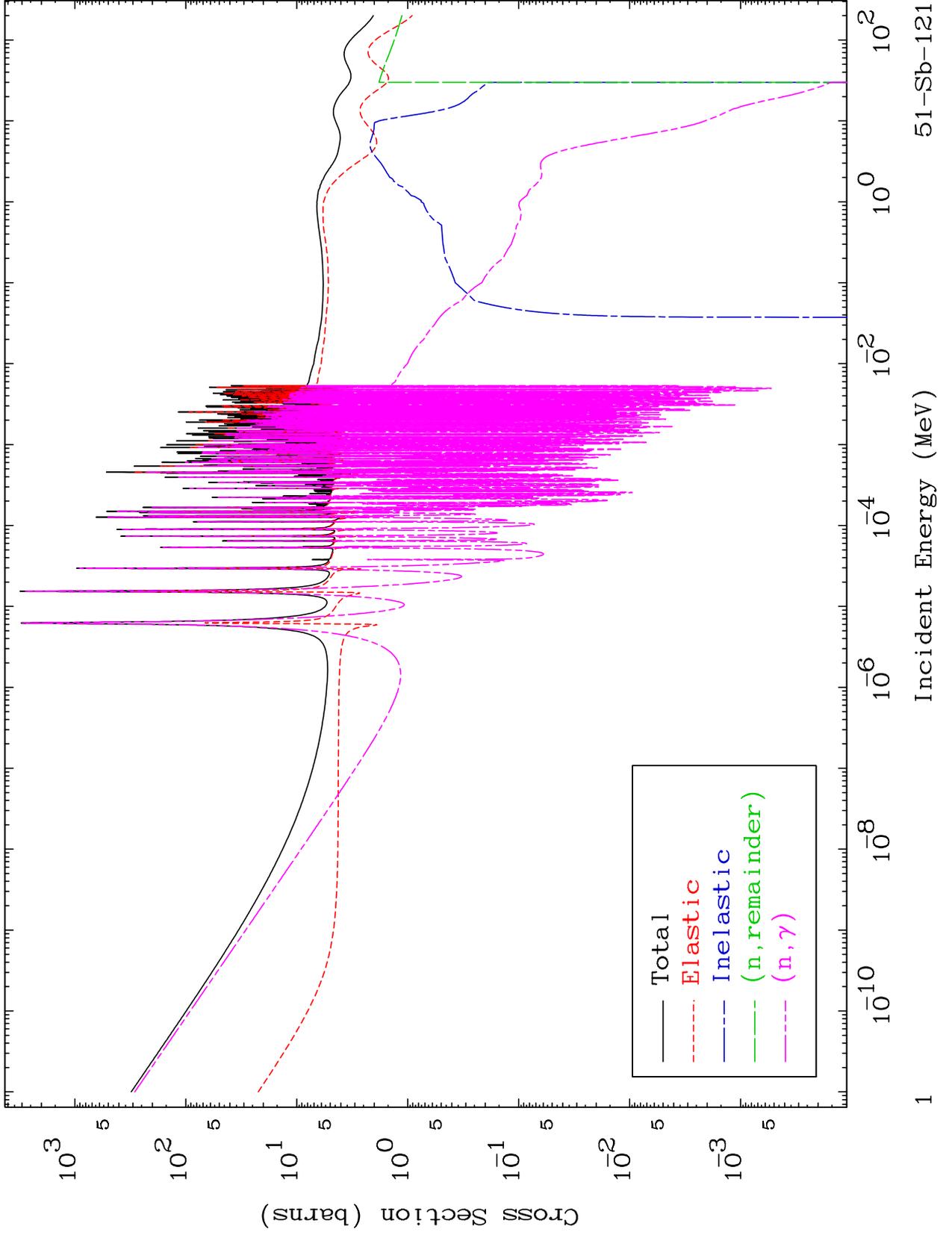
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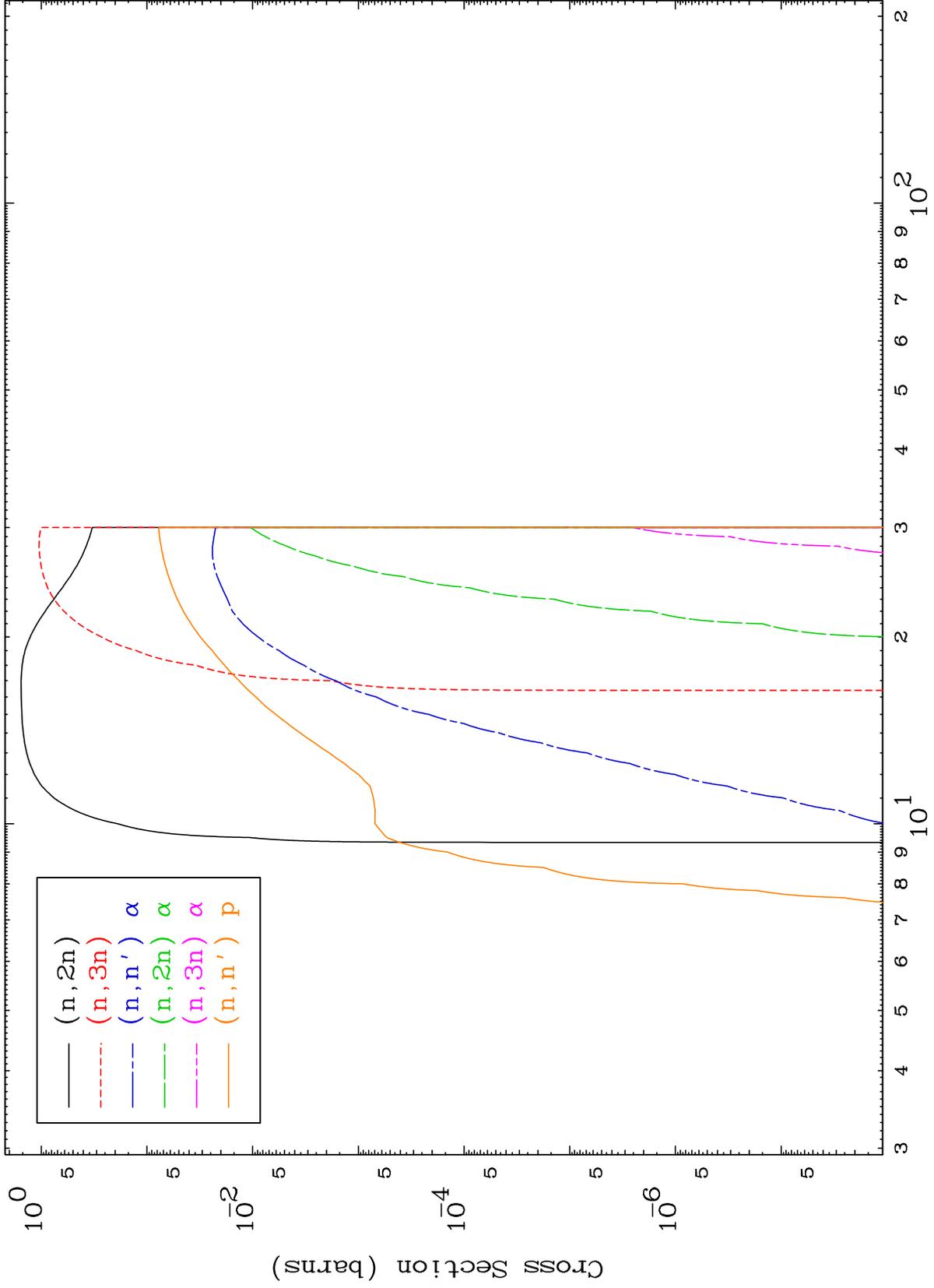
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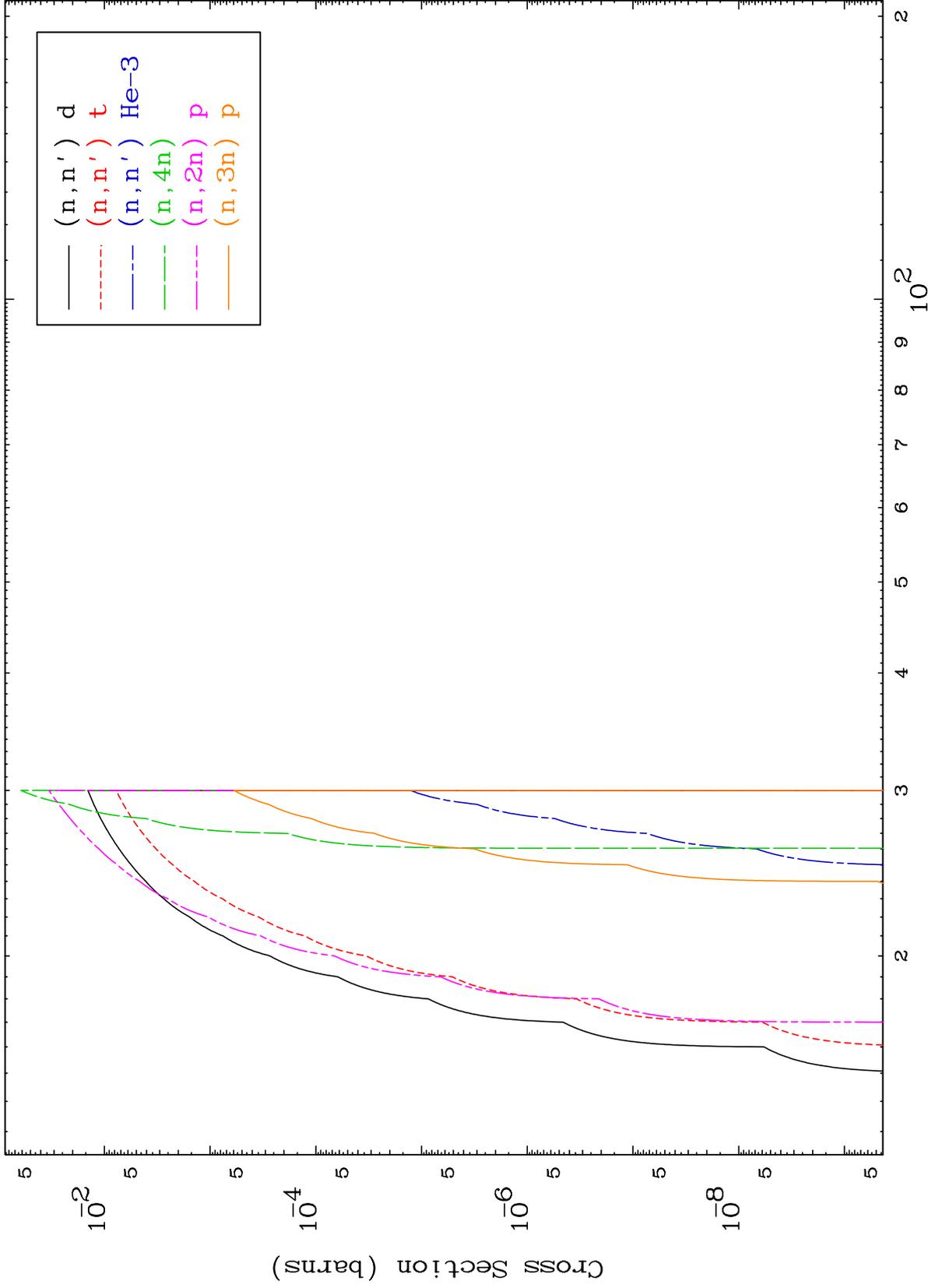
MAT 5125

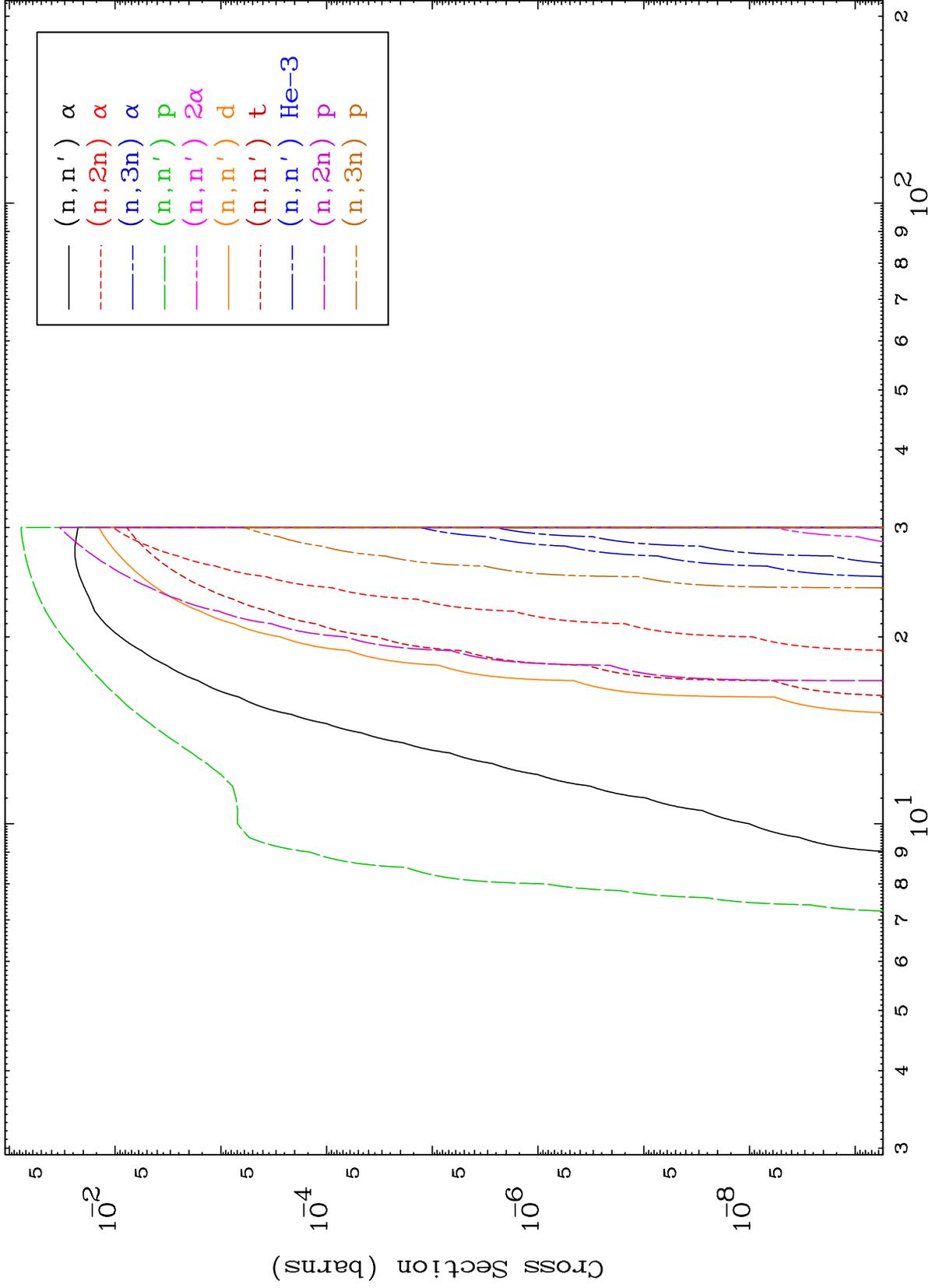
Major  
293 Kelvin Cross Sections

51-Sb-121





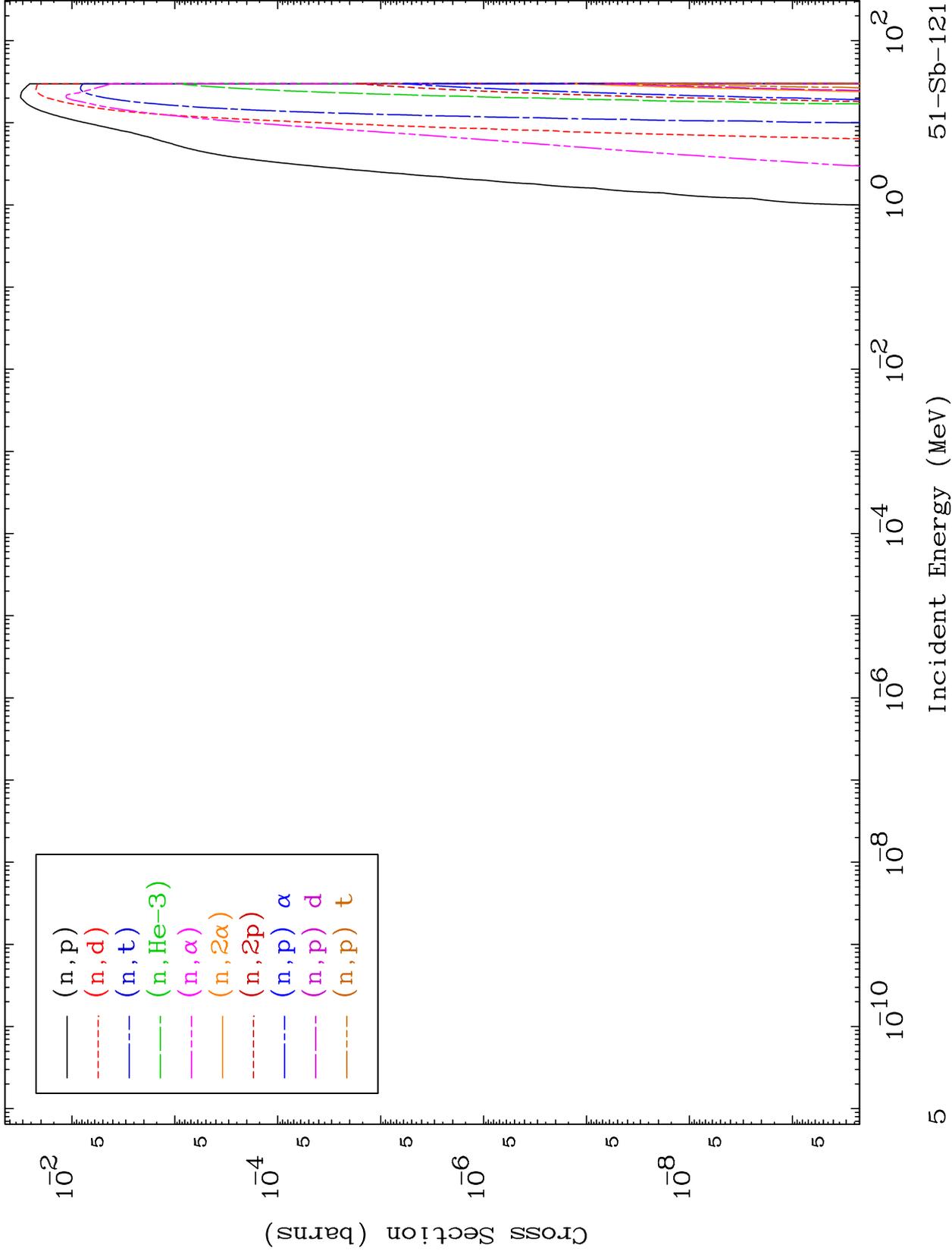




MAT 5125

Charged Particle  
293 Kelvin Cross Sections

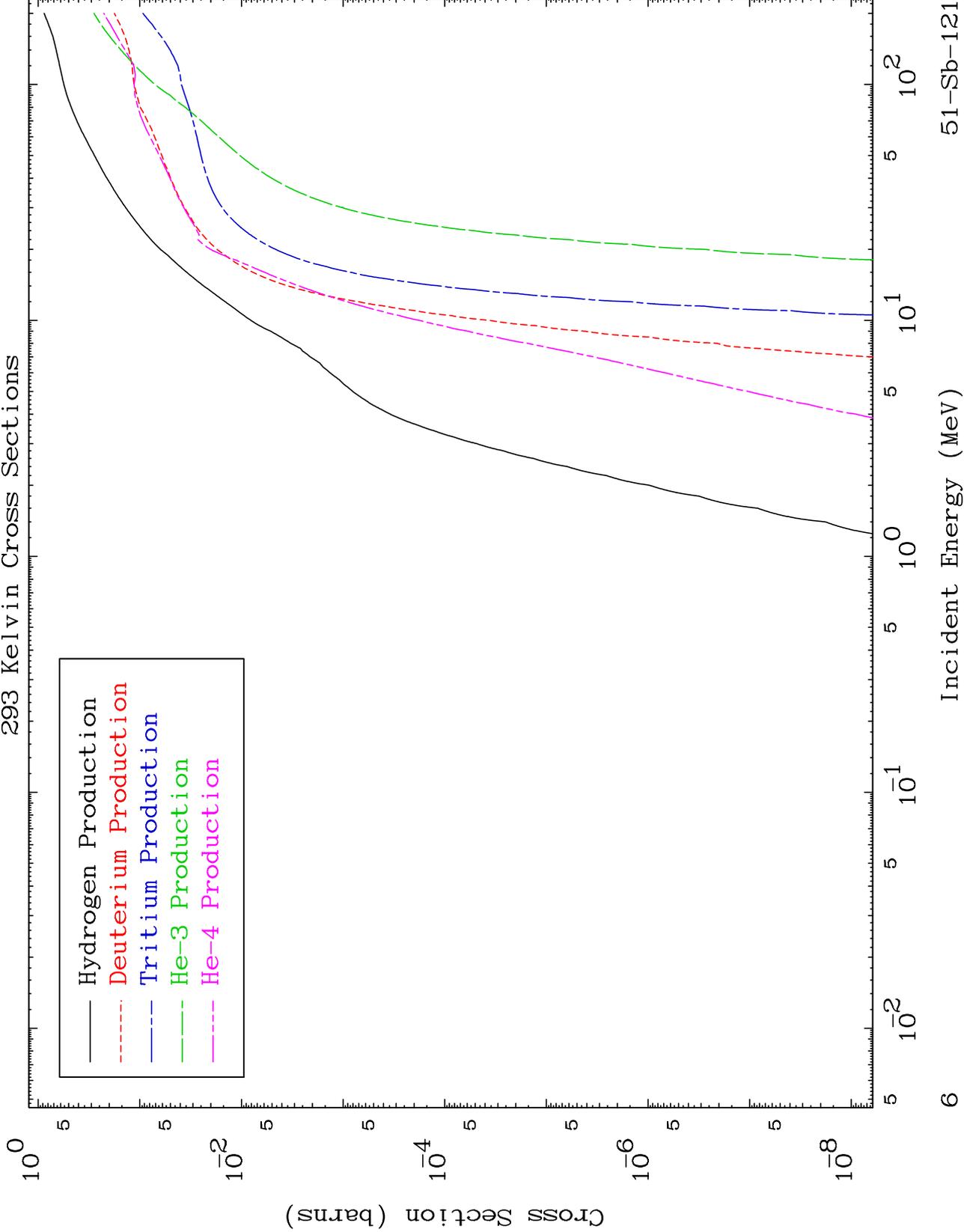
51-Sb-121



MAT 5125

Particle Production  
293 Kelvin Cross Sections

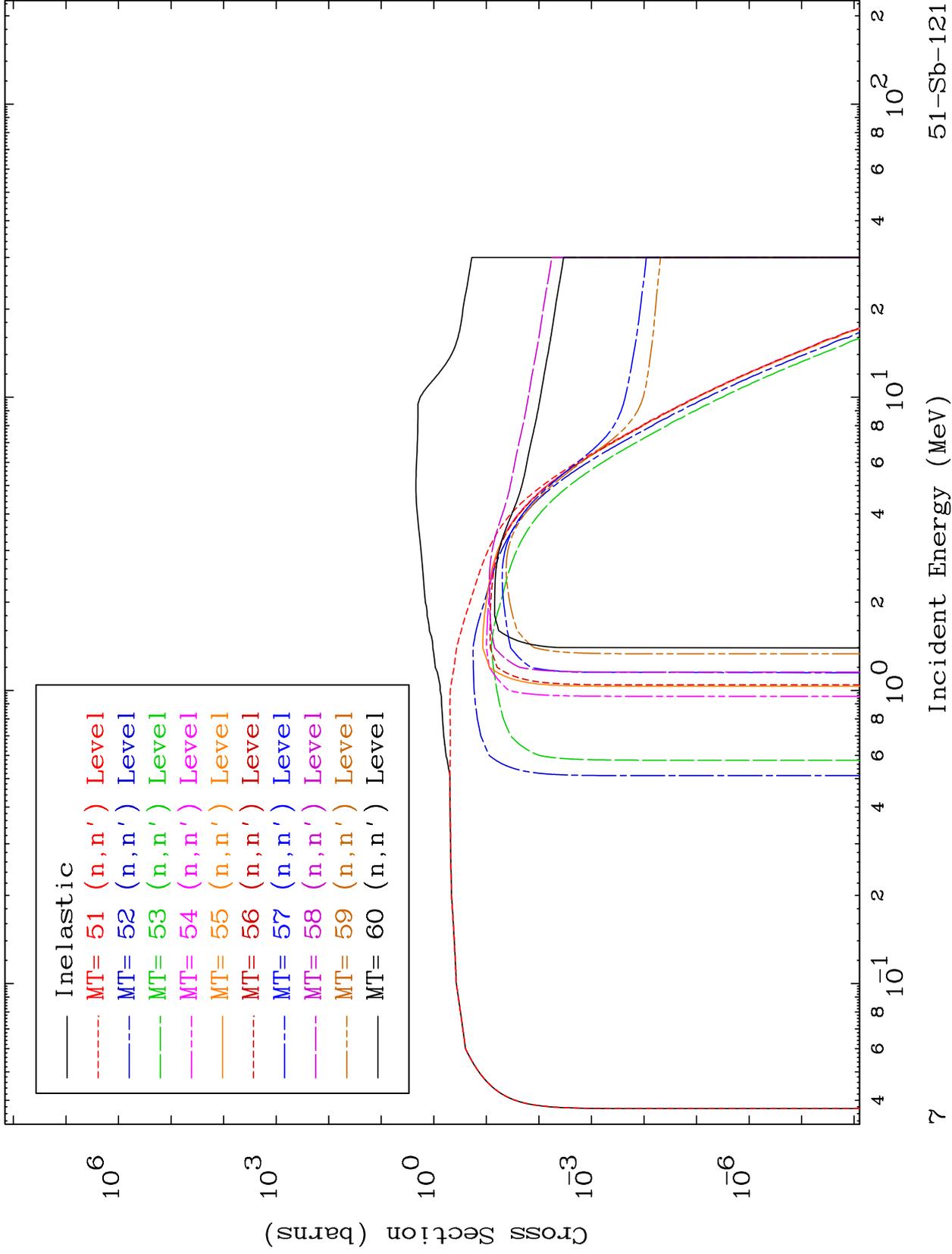
51-Sb-121



51-Sb-121

Incident Energy (MeV)

6

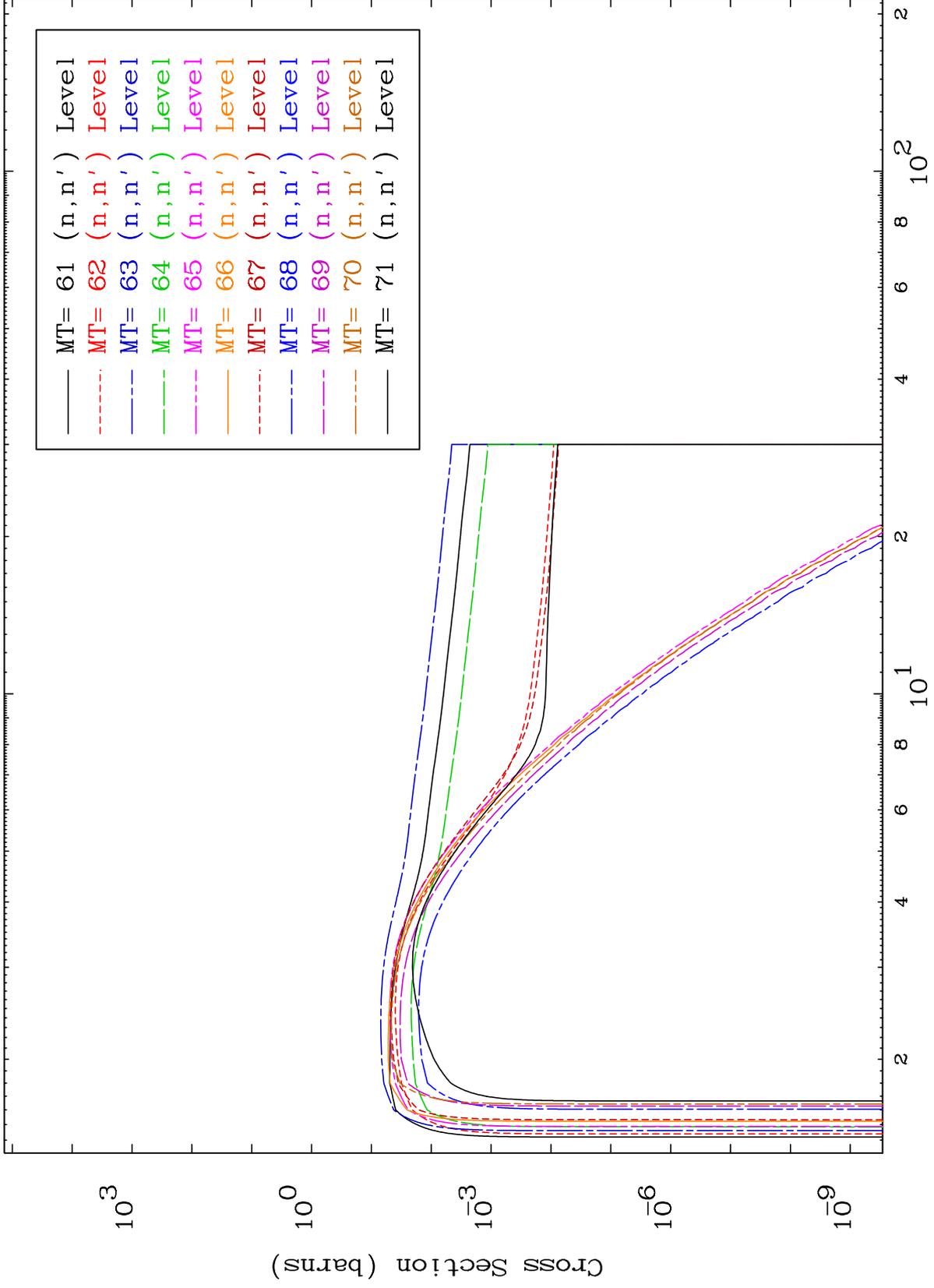


MAT 5125

(n,n') Level

293 Kelvin Cross Sections

51-Sb-121



8

Incident Energy (MeV)

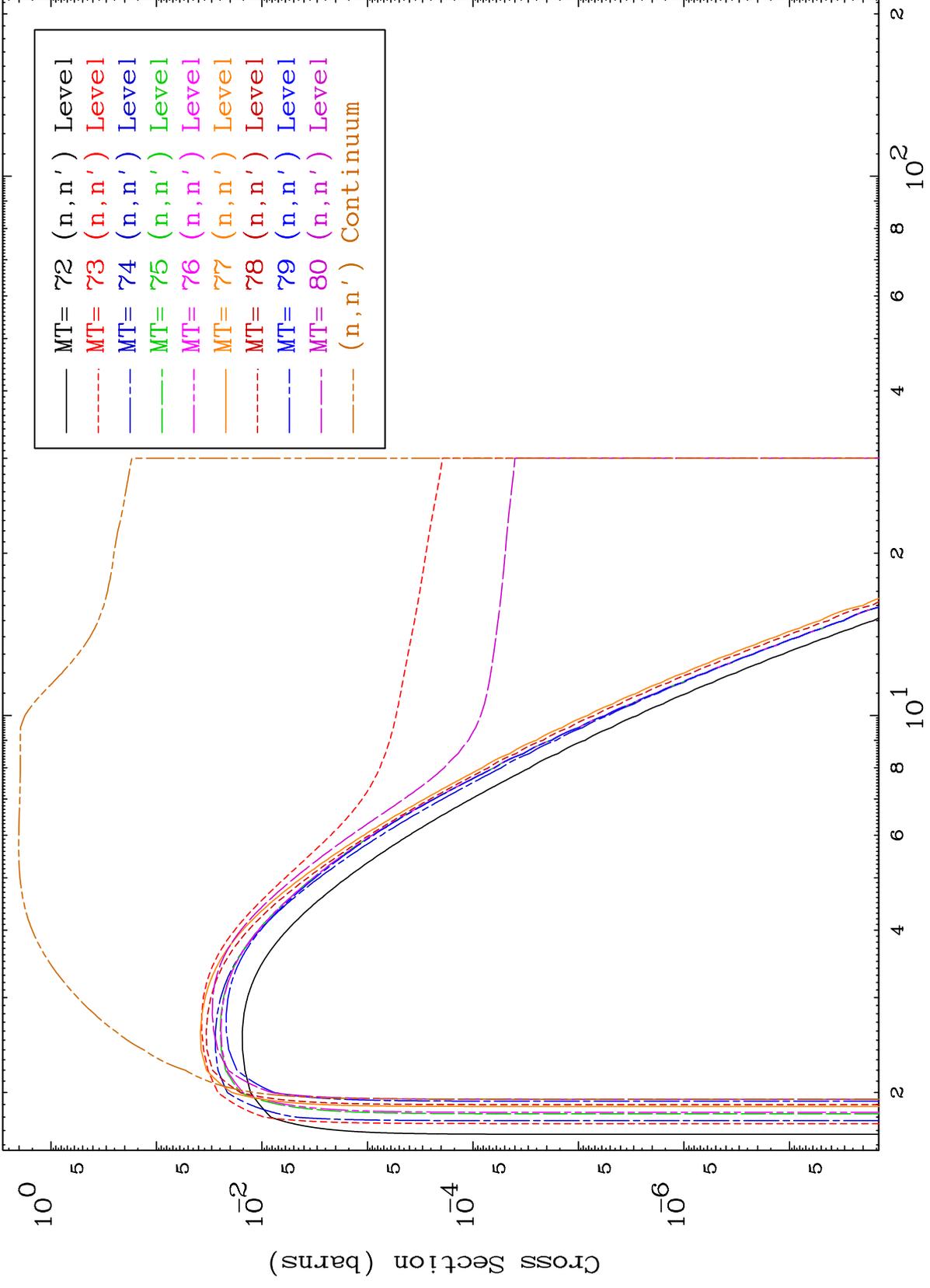
51-Sb-121

MAT 5125

(n,n') Level

51-Sb-121

293 Kelvin Cross Sections



9

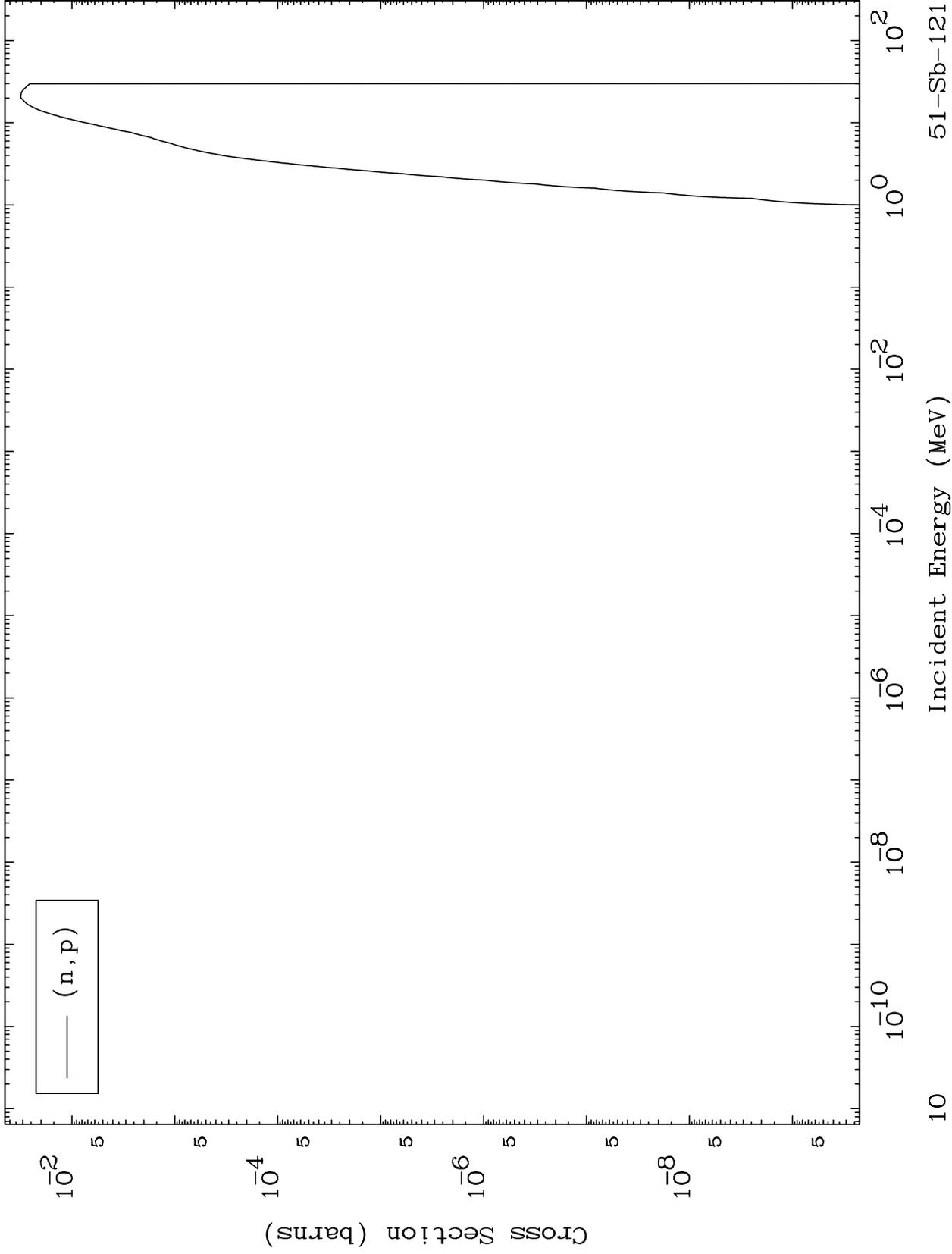
Incident Energy (MeV)

51-Sb-121

MAT 5125

(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-121



10

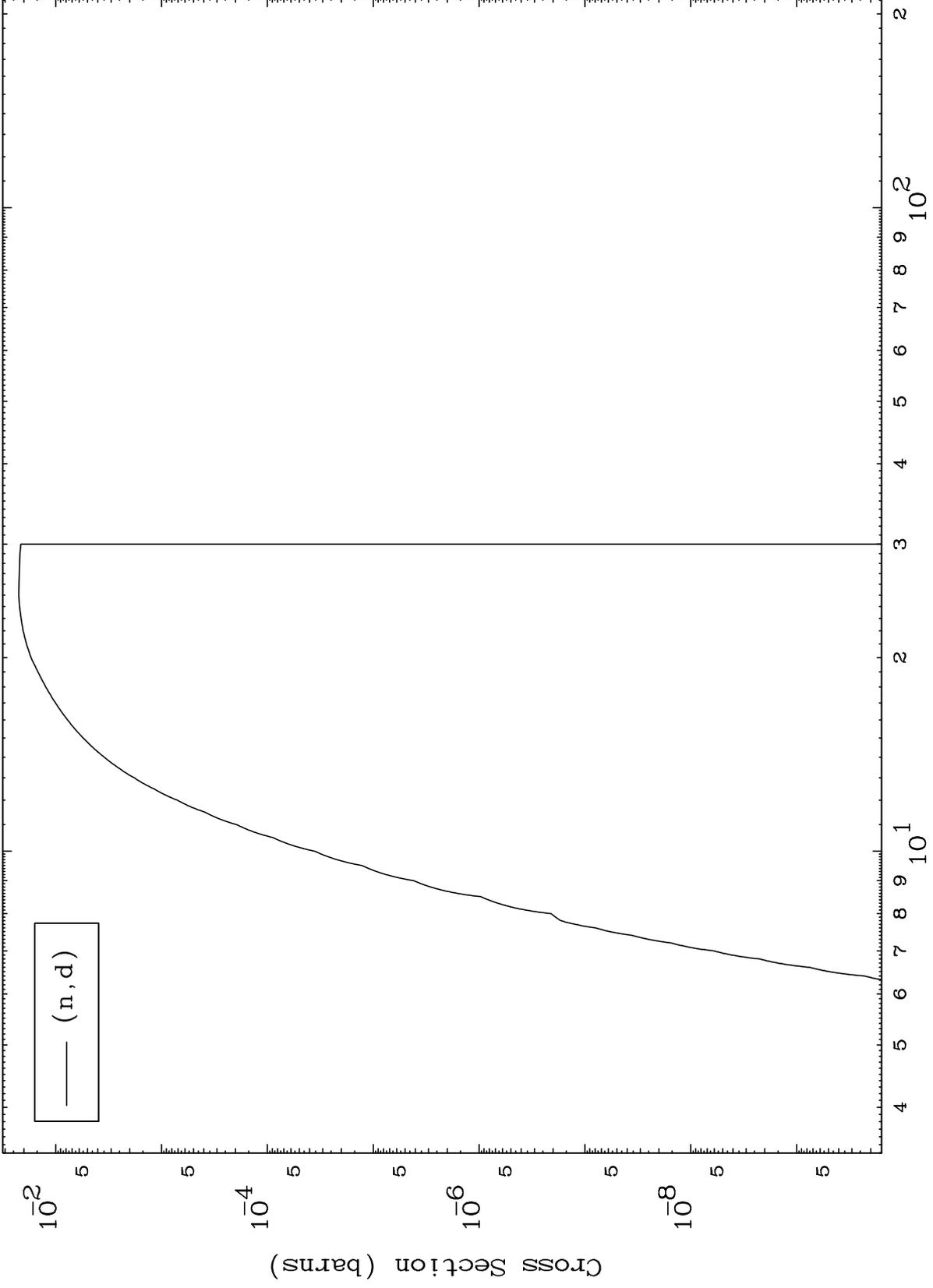
Incident Energy (MeV)

51-Sb-121

MAT 5125

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-121



11

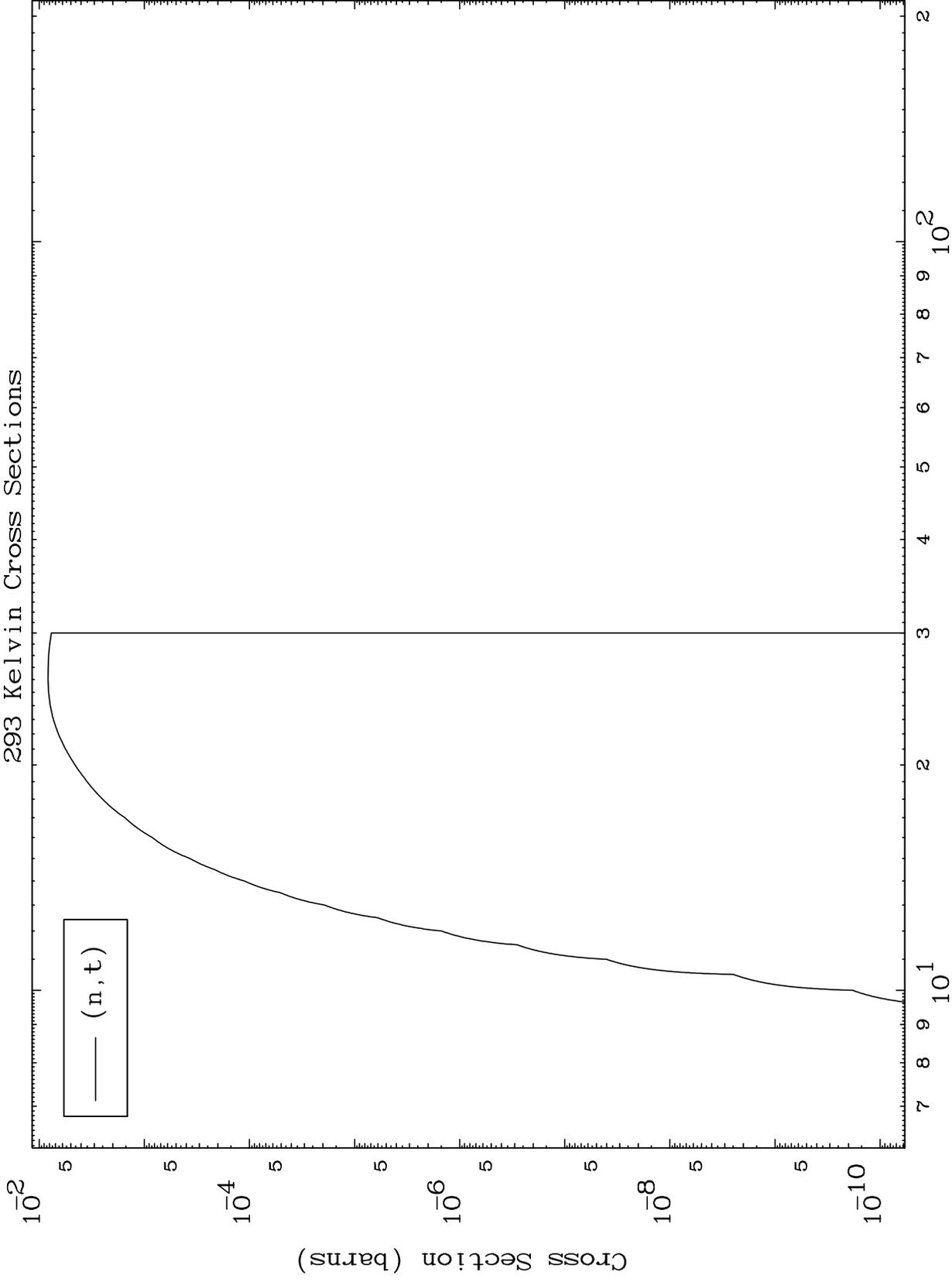
Incident Energy (MeV)

51-Sb-121

MAT 5125

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-121



12

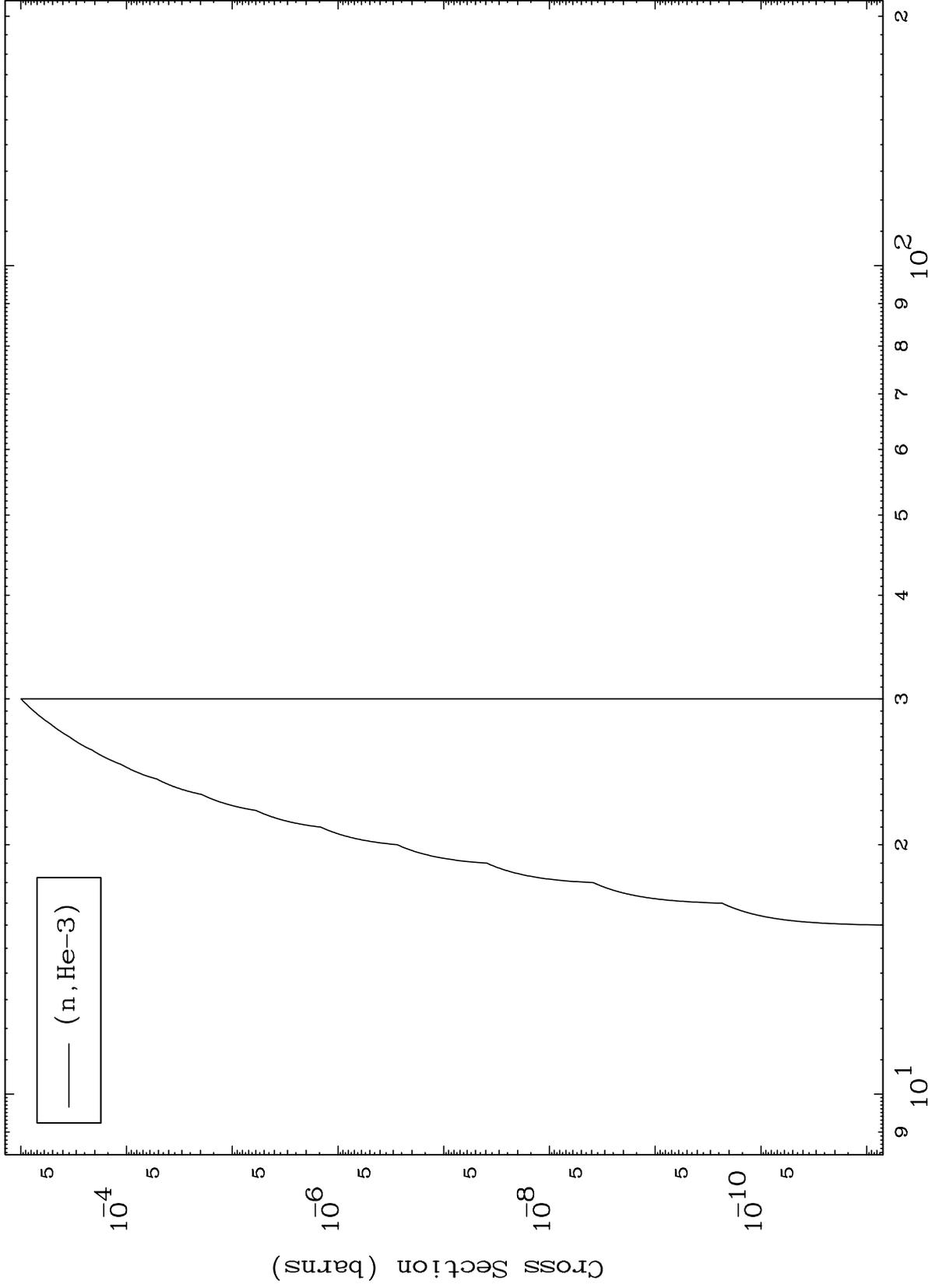
Incident Energy (MeV)

51-Sb-121

MAT 5125

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-121



13

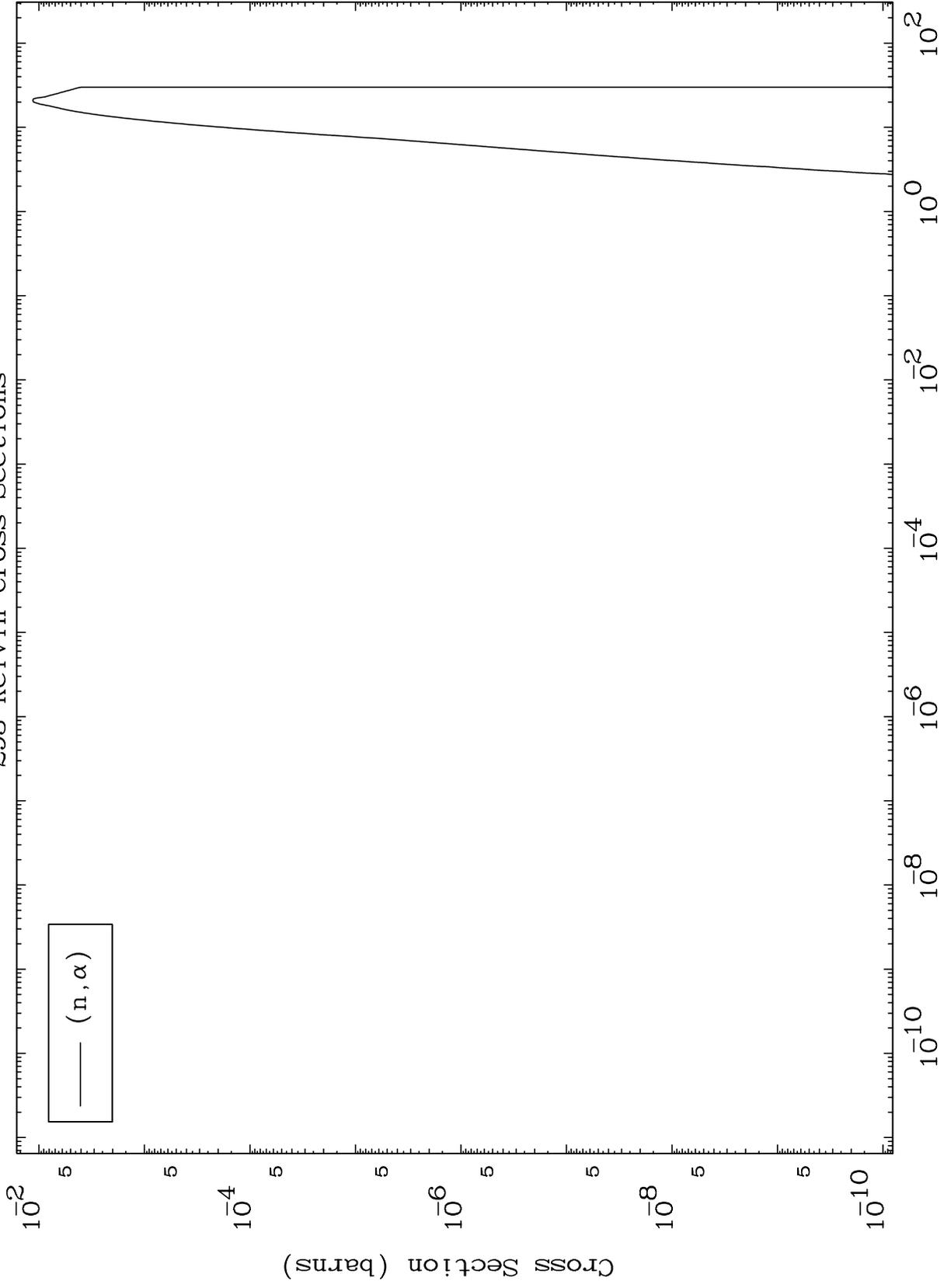
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

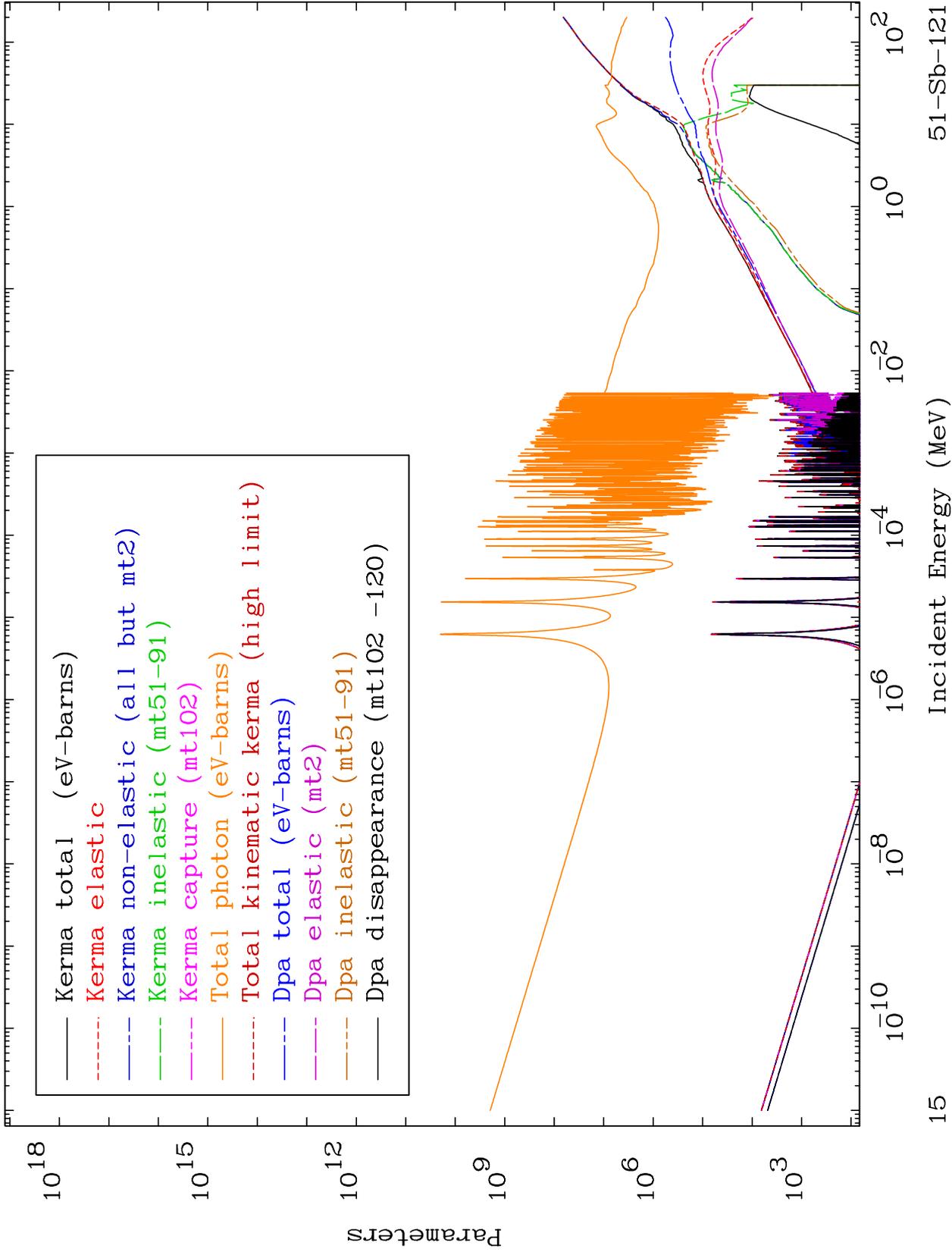
51-Sb-121



14

Incident Energy (MeV)

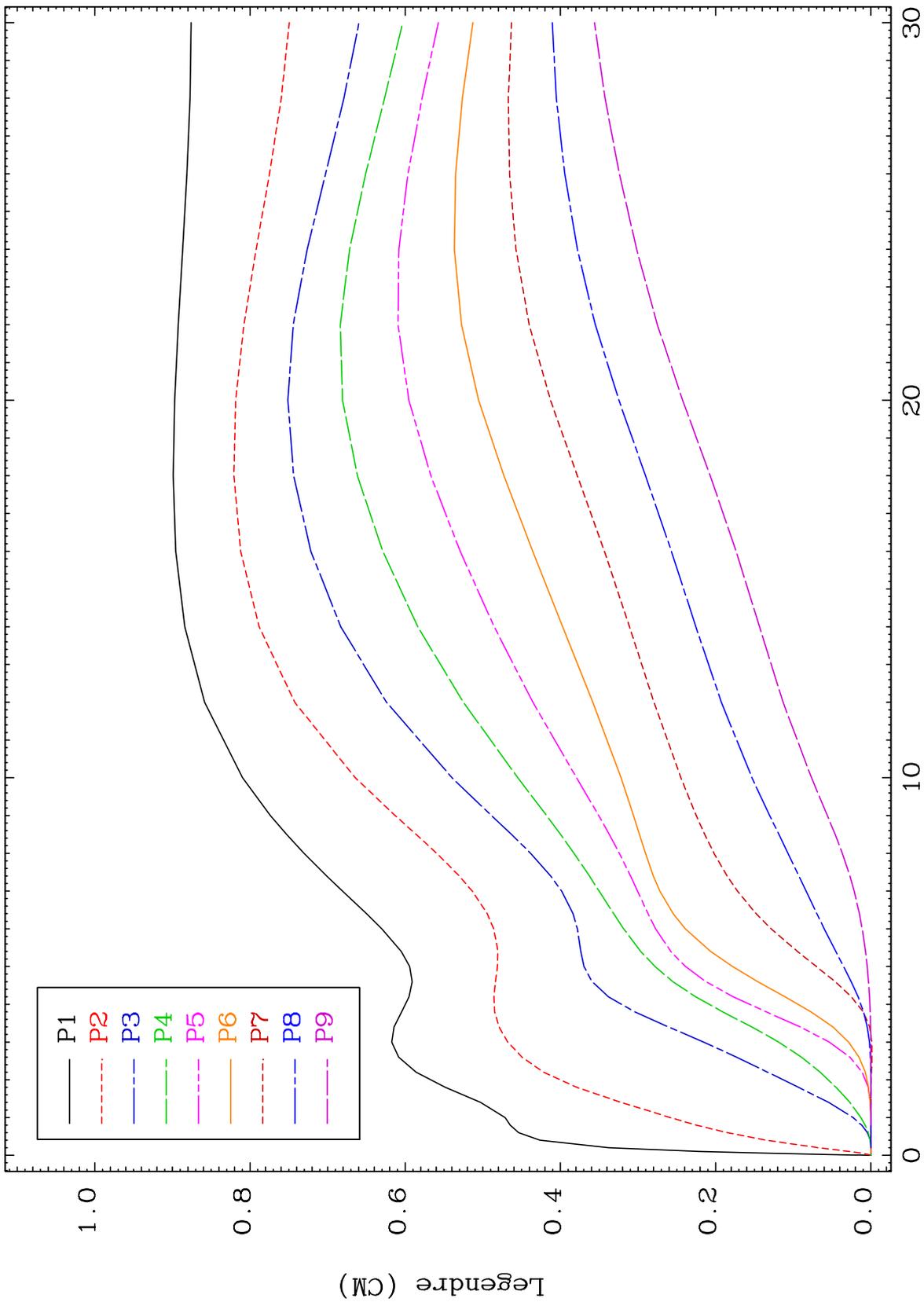
51-Sb-121



MAT 5125

Elastic Legendre Coefficients

51-Sb-121



16

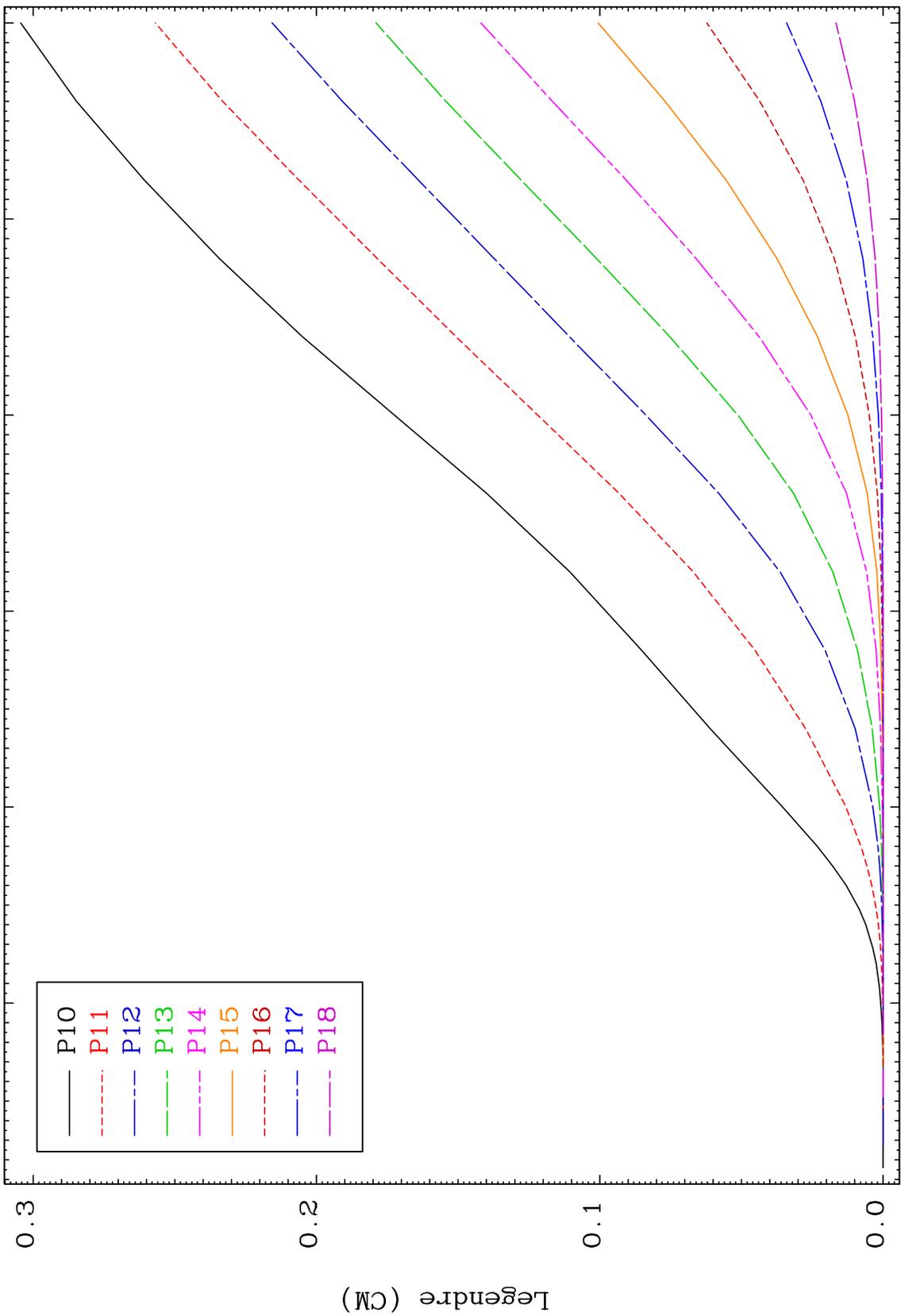
Incident Energy (MeV)

51-Sb-121

MAT 5125

Elastic Legendre Coefficients

51-Sb-121



17

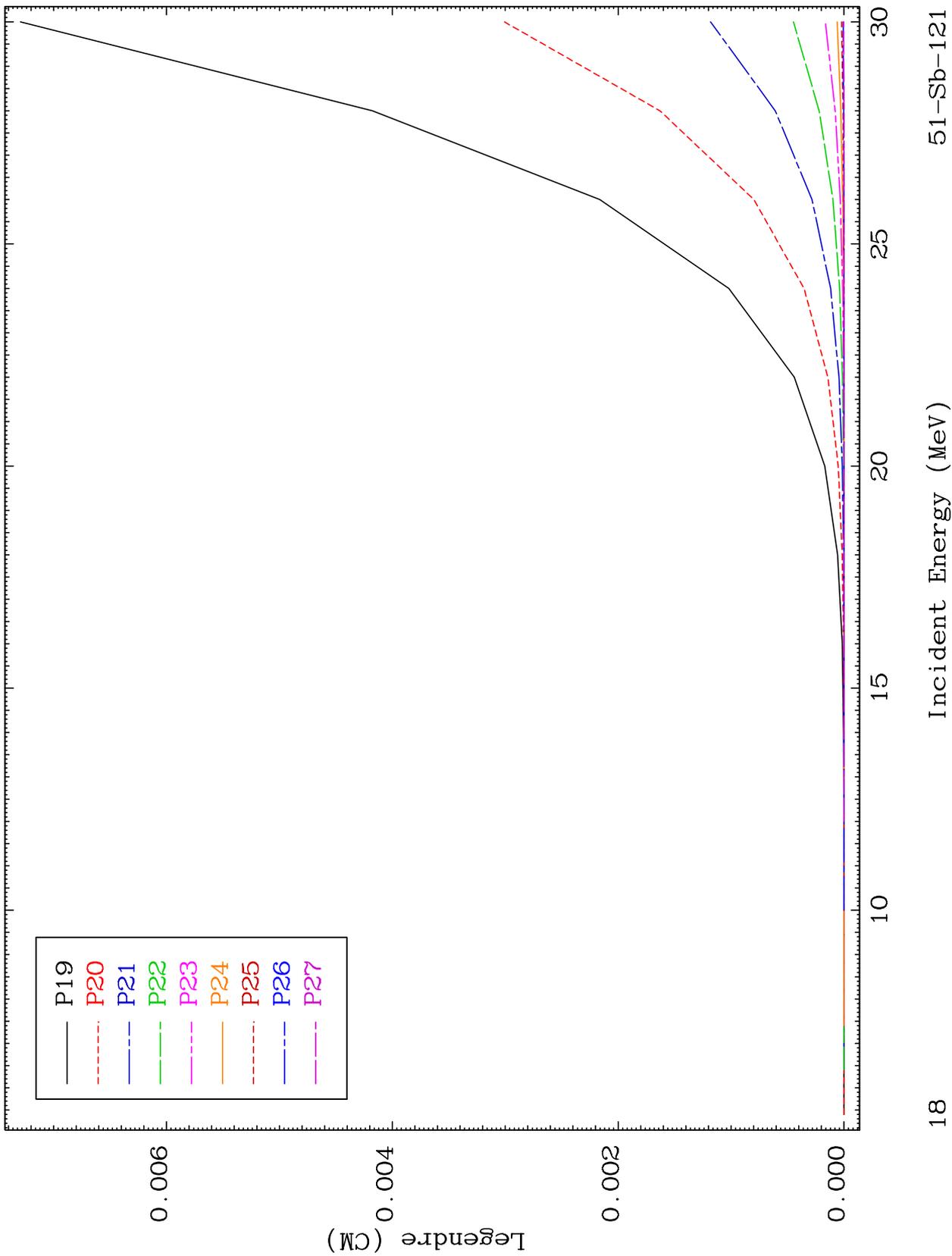
Incident Energy (MeV)

51-Sb-121

MAT 5125

### Elastic Legendre Coefficients

51-Sb-121



18

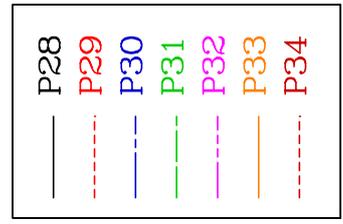
Incident Energy (MeV)

51-Sb-121

MAT 5125

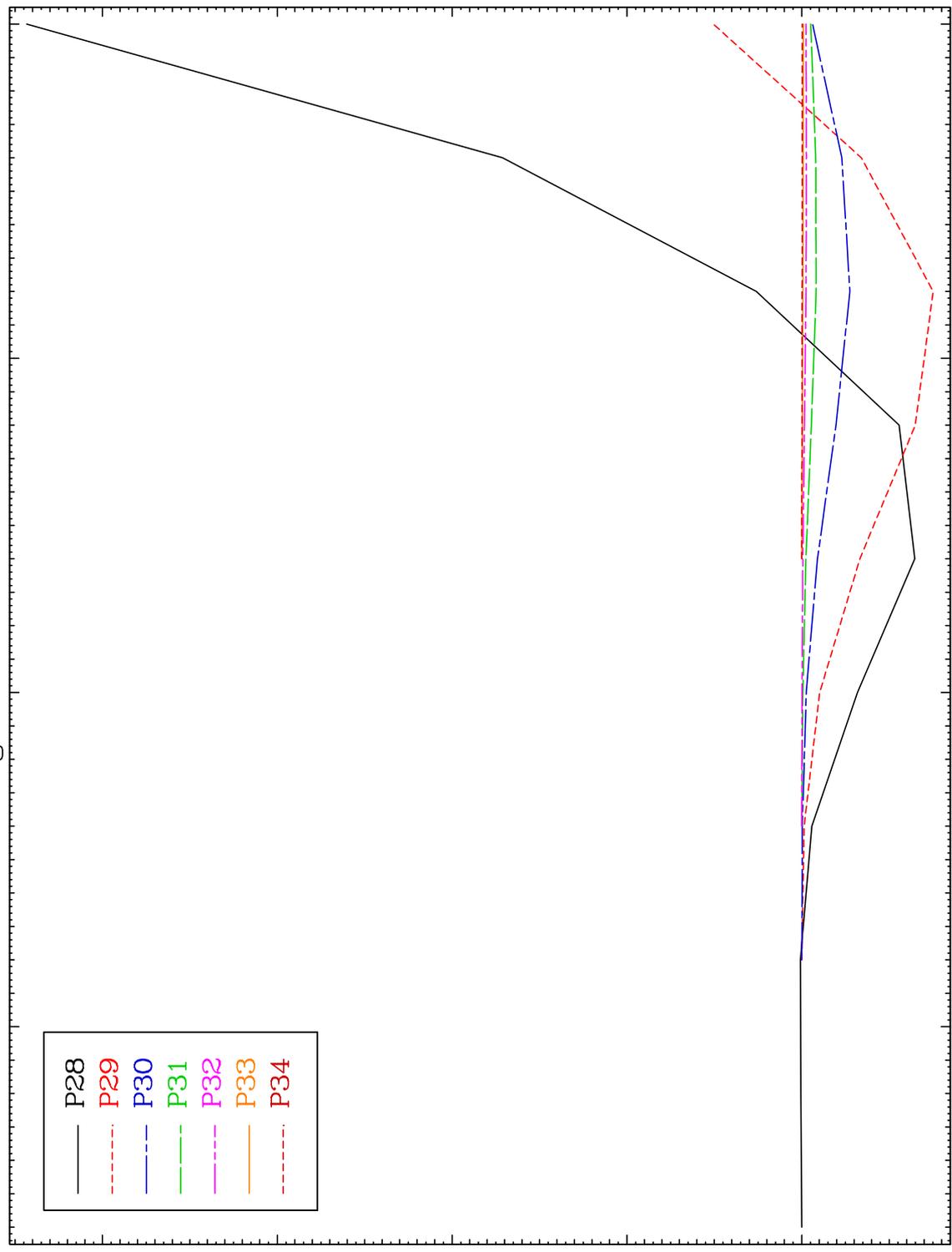
Elastic Legendre Coefficients

51-Sb-121



$\times 10^{-7}$

Legendre (CM)



19

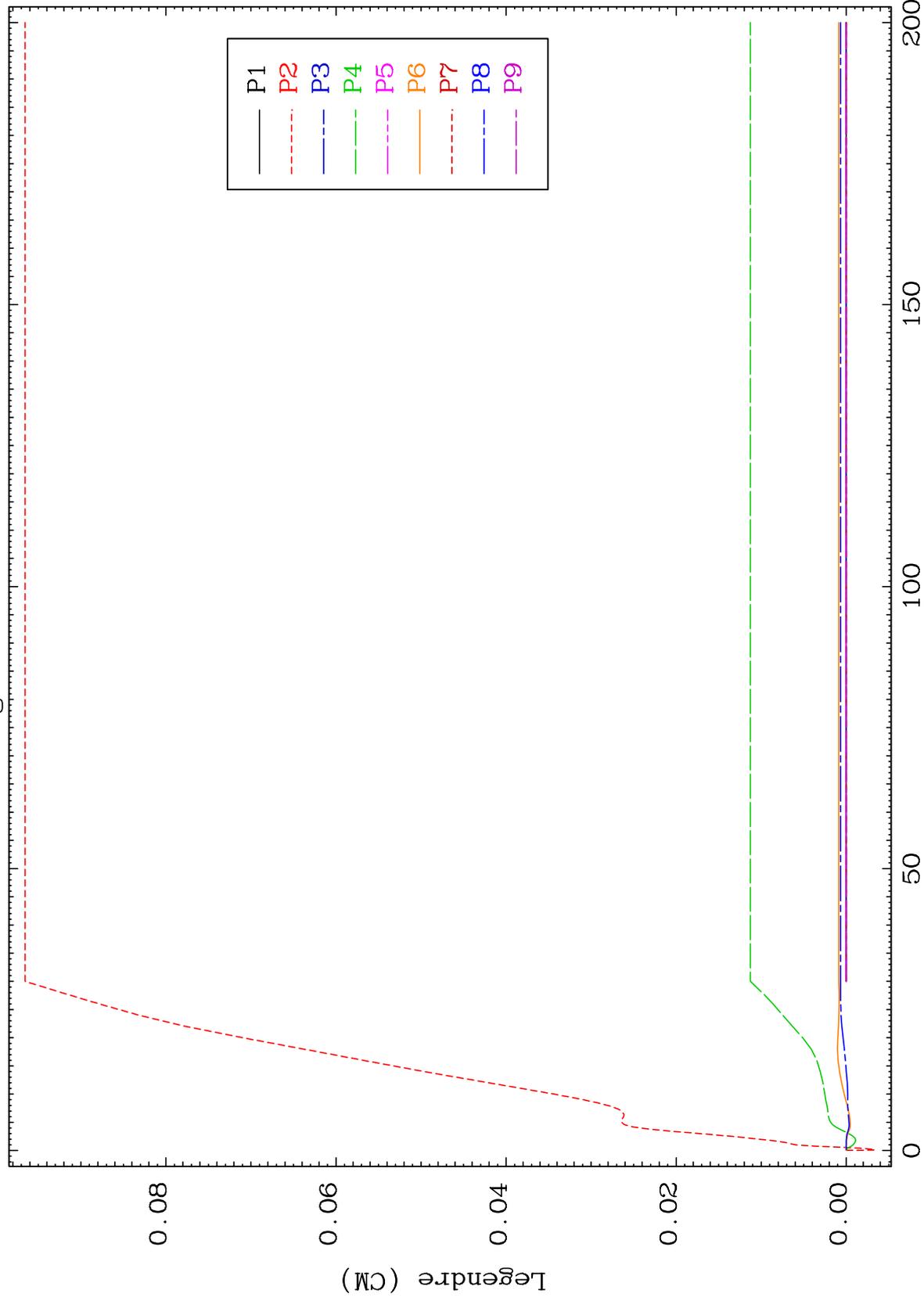
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



51-Sb-121

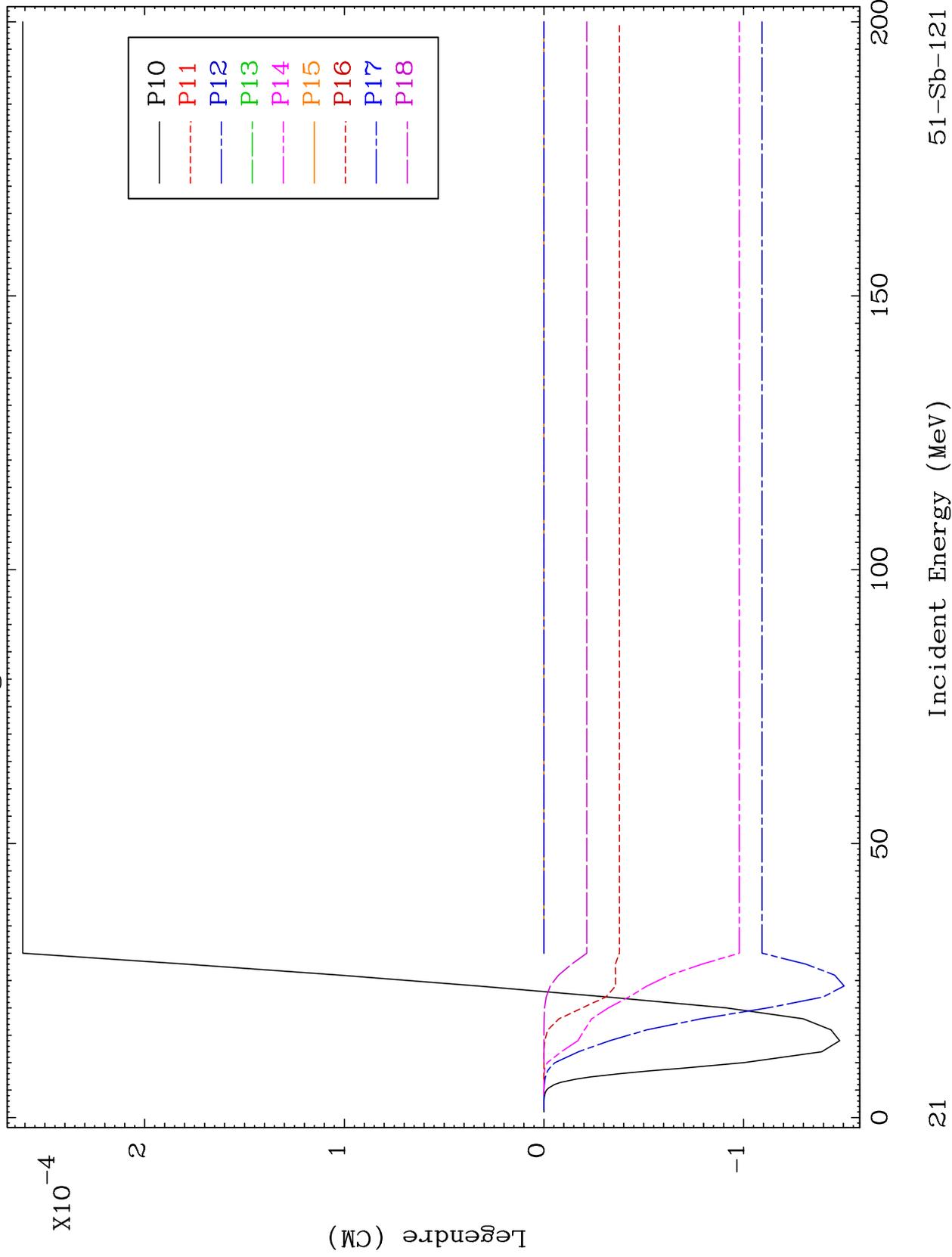
Incident Energy (MeV)

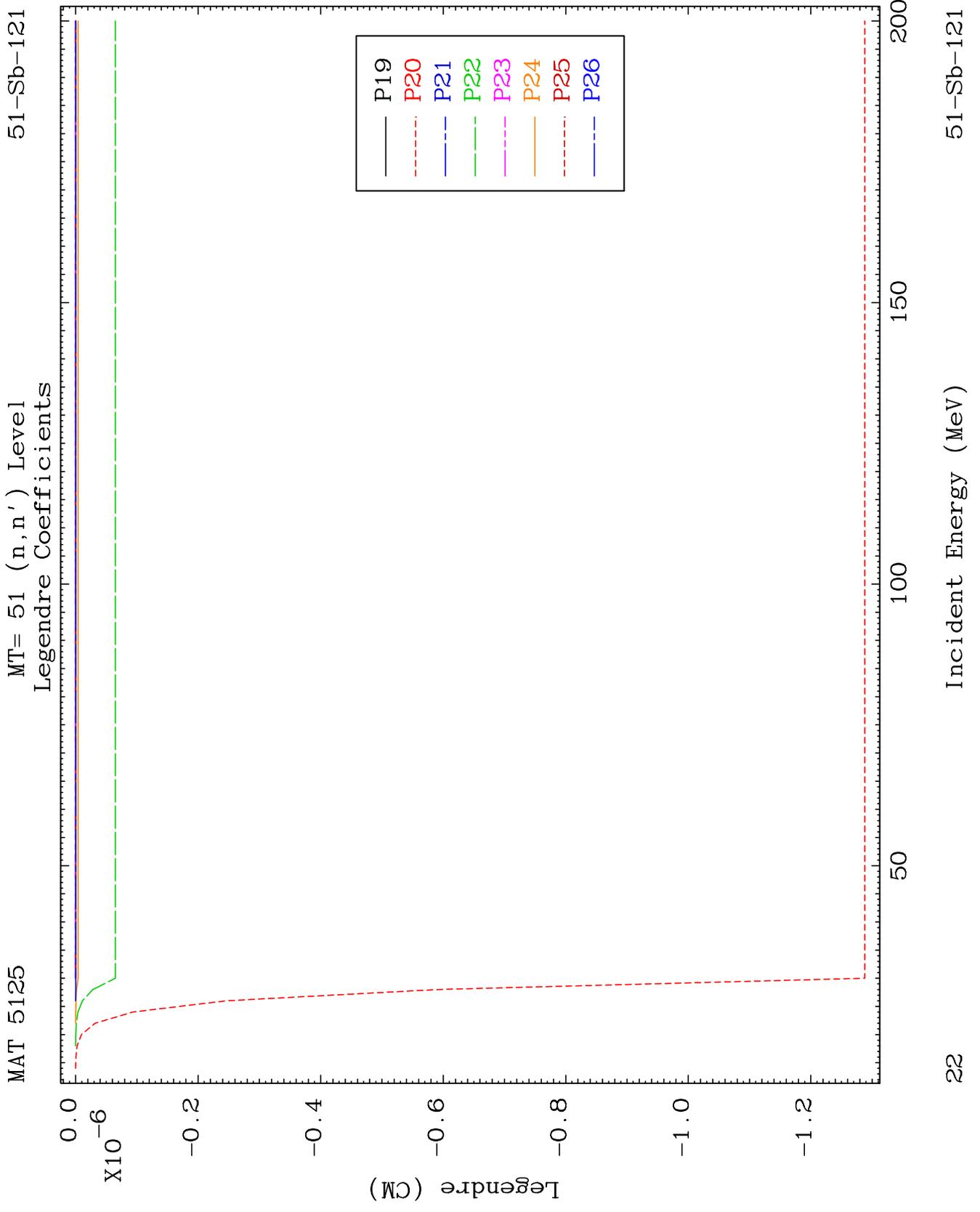
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MAT 5125

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

51-Sb-121

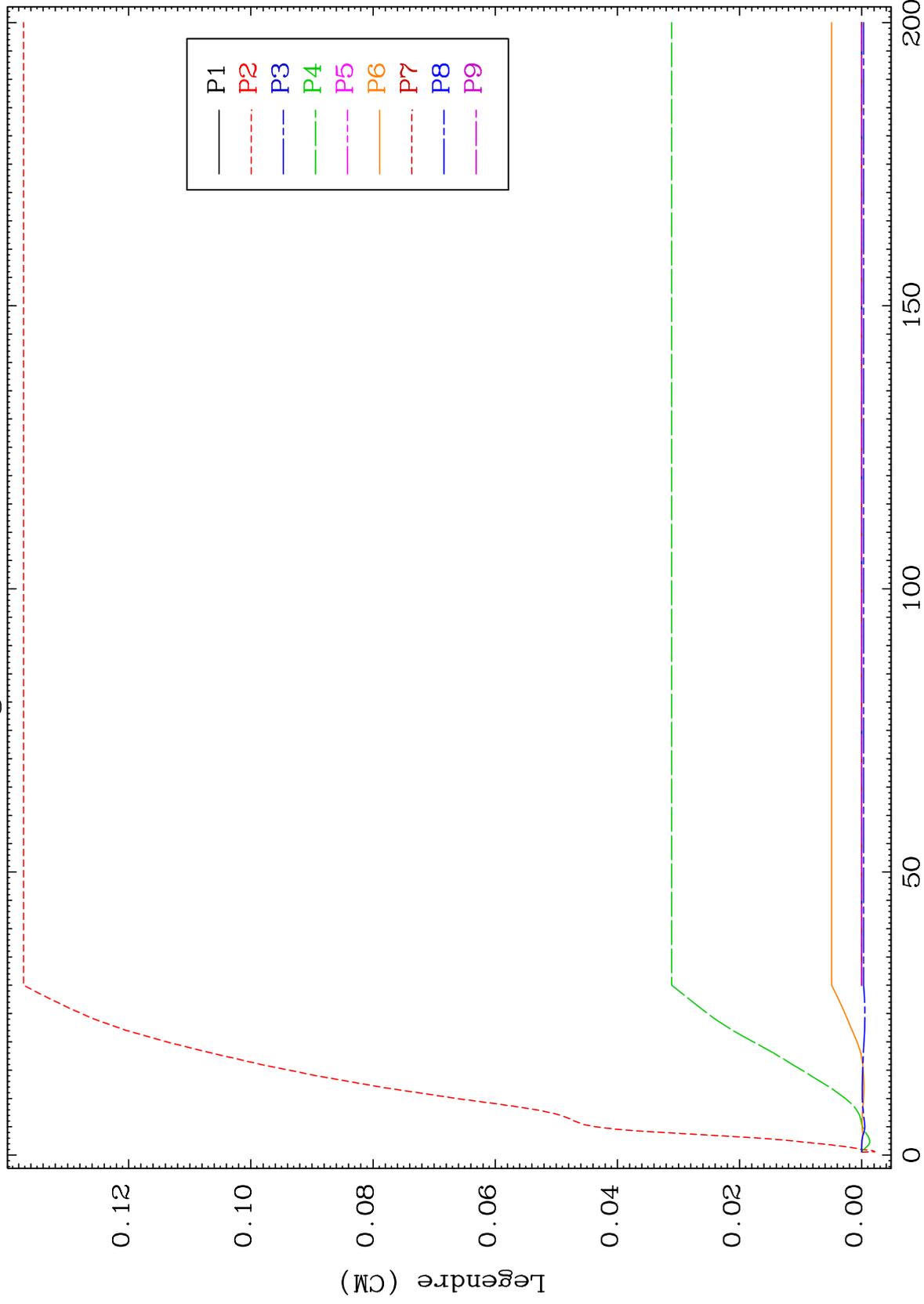




MAT 5125

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

51-Sb-121



51-Sb-121

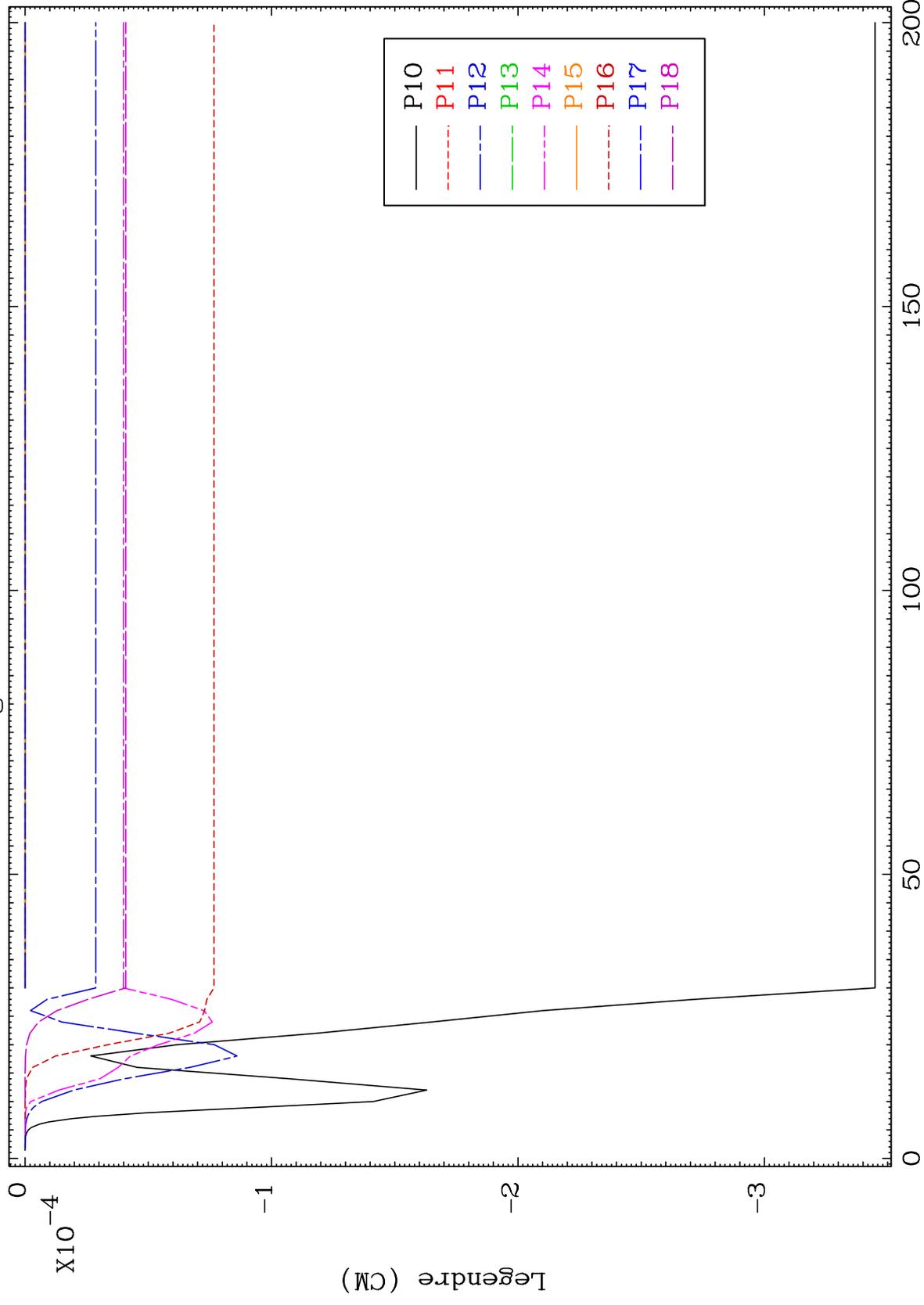
Incident Energy (MeV)

23

MAT 5125

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

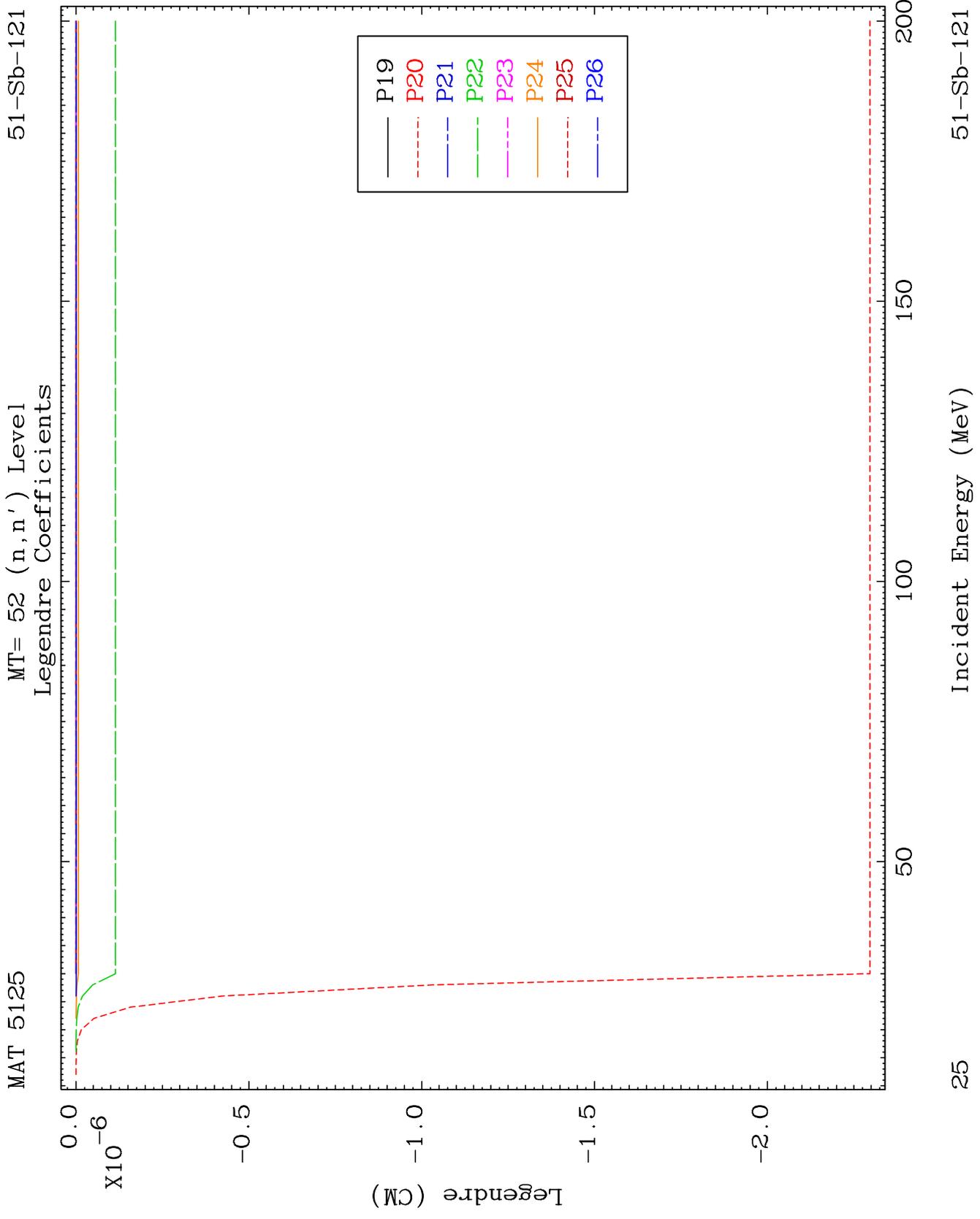
51-Sb-121



24

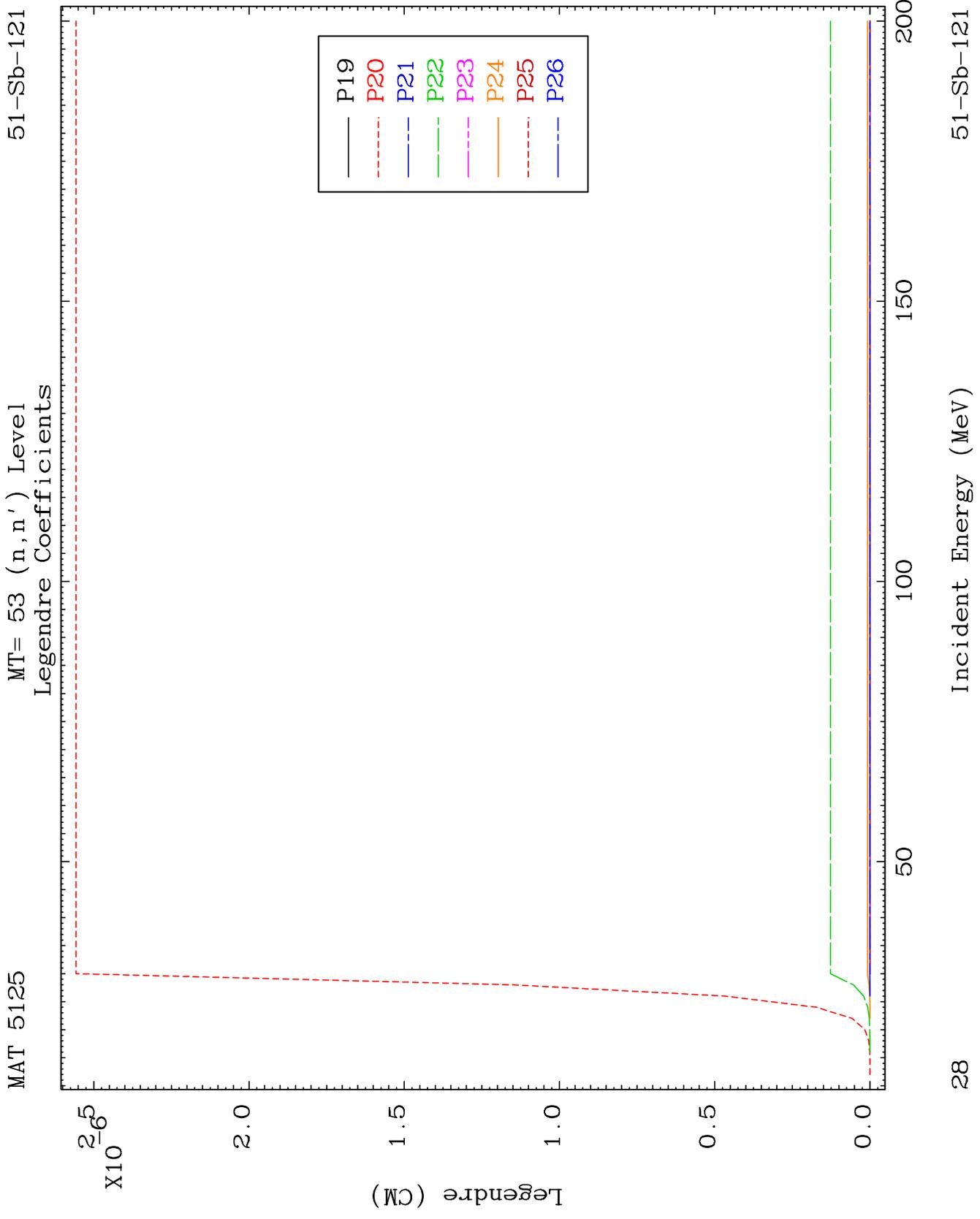
Incident Energy (MeV)

51-Sb-121





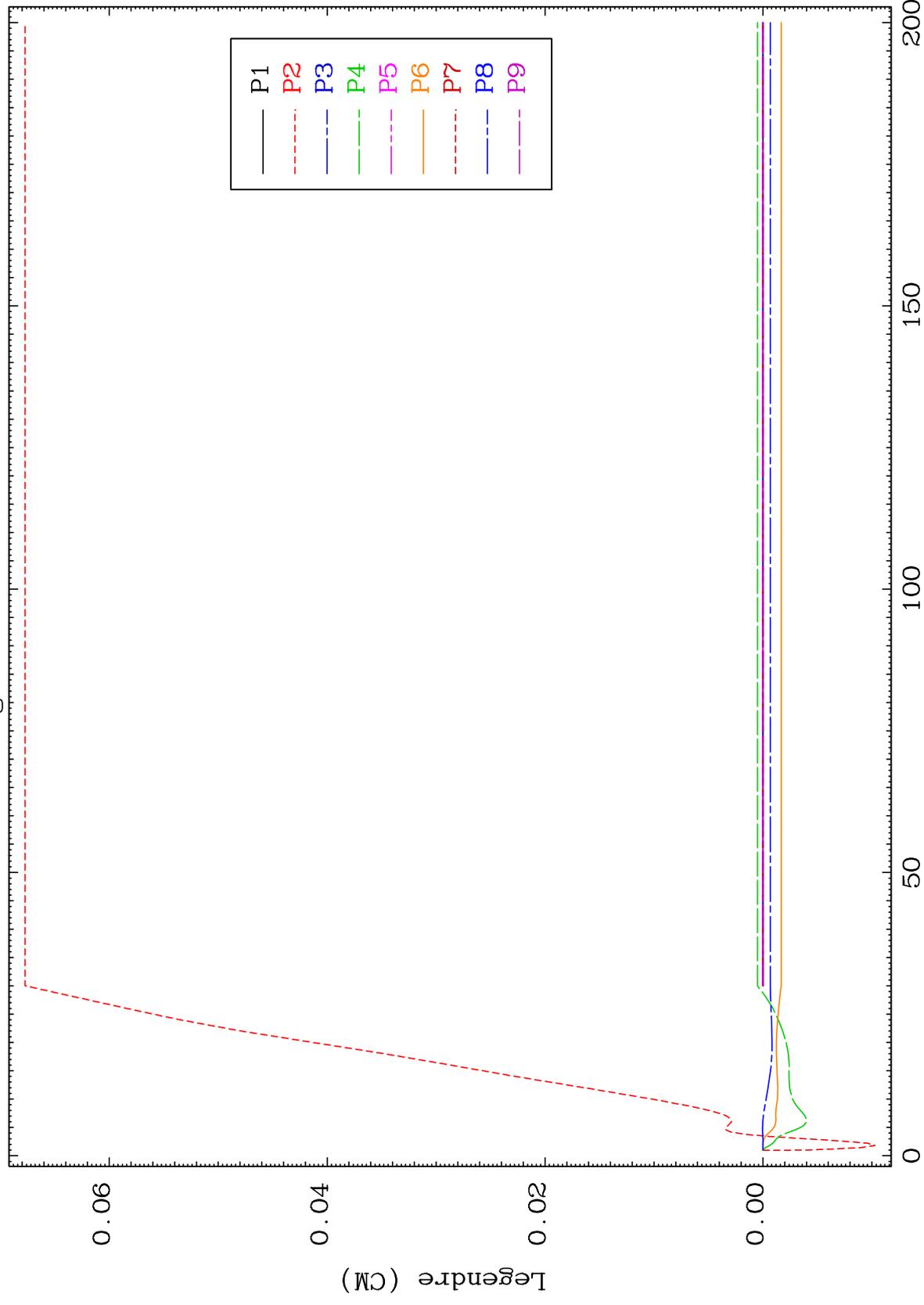




MAT 5125

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

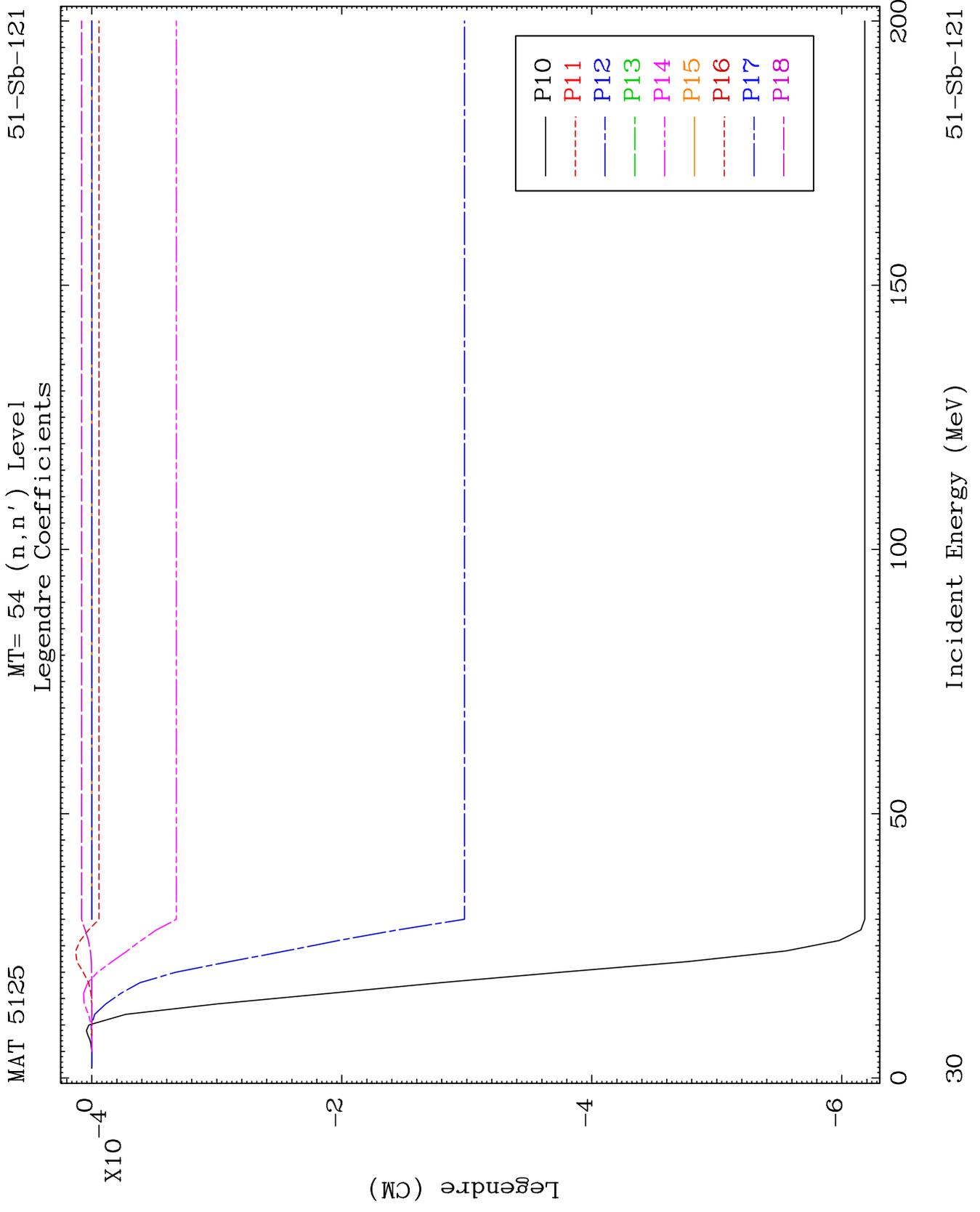
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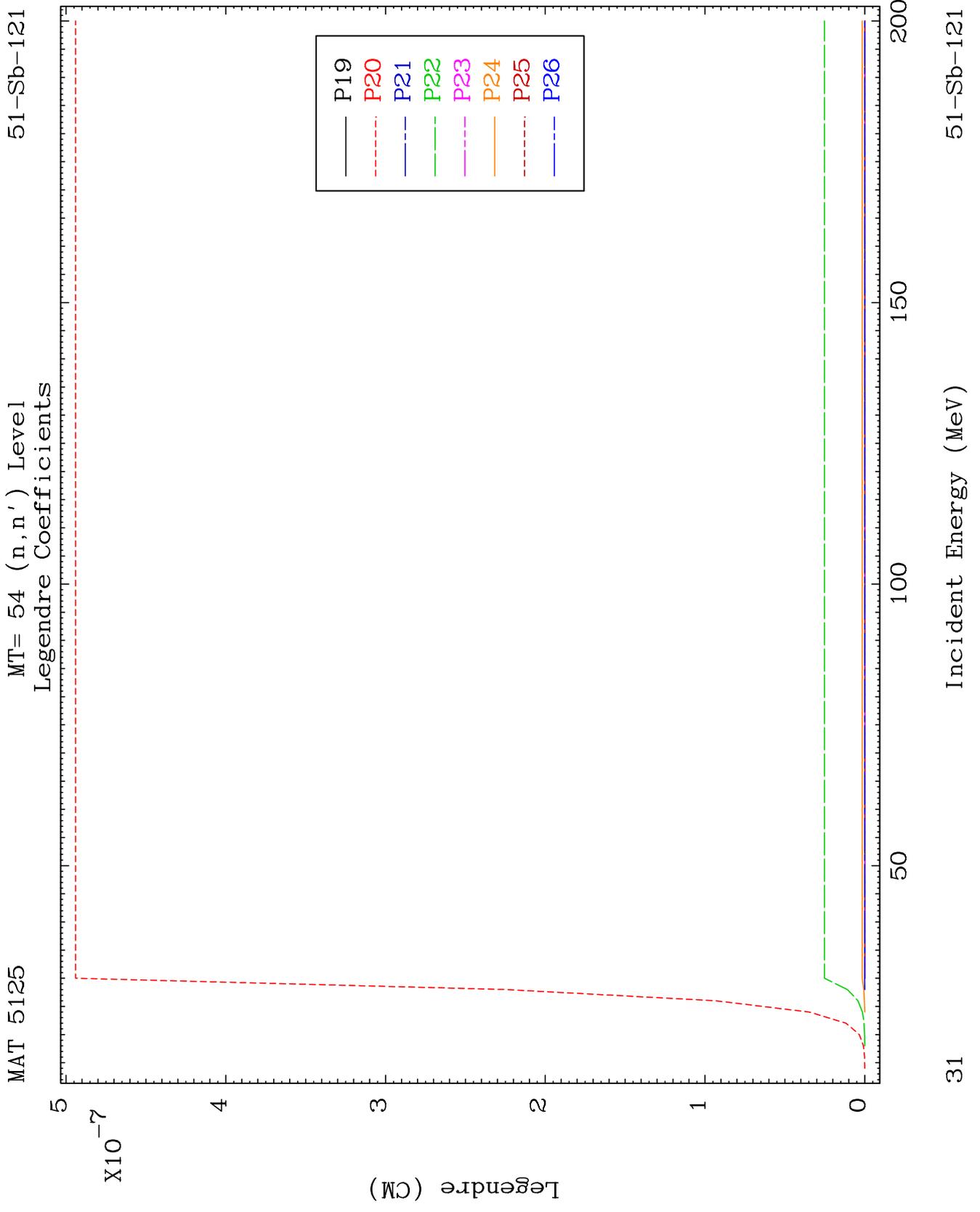


51-Sb-121

Incident Energy (MeV)

29

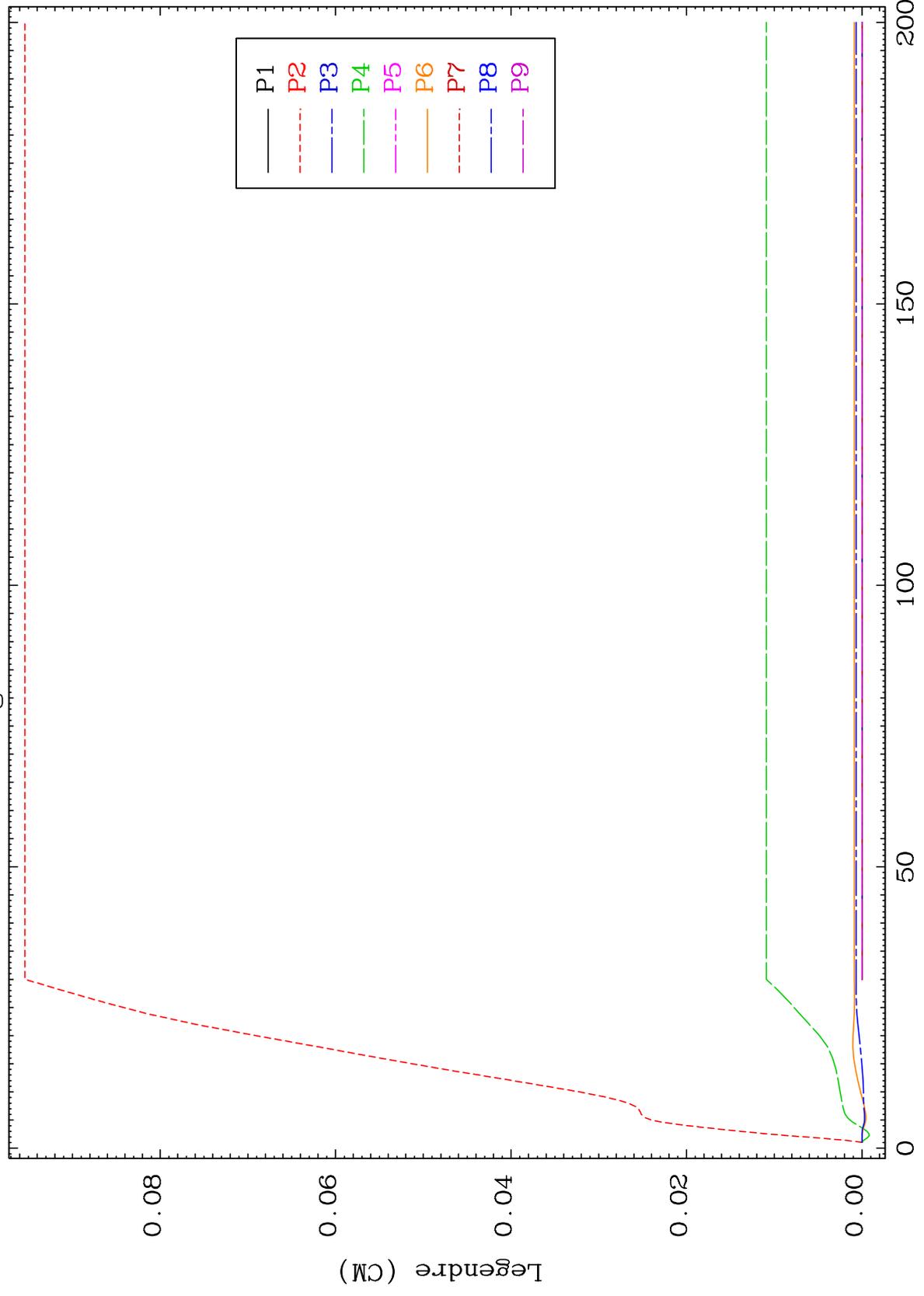




MAT 5125

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

51-Sb-121



51-Sb-121

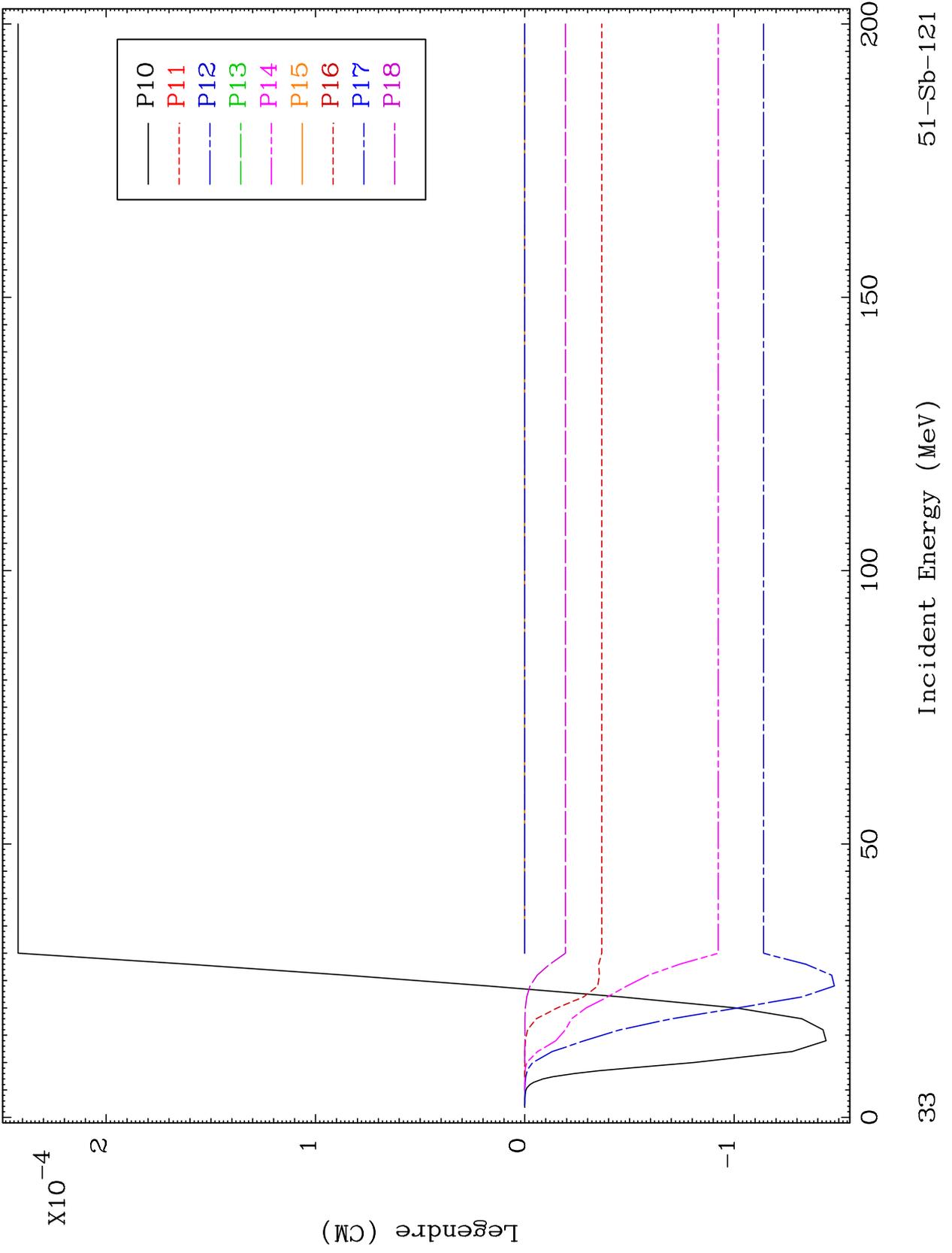
Incident Energy (MeV)

32

MAT 5125

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

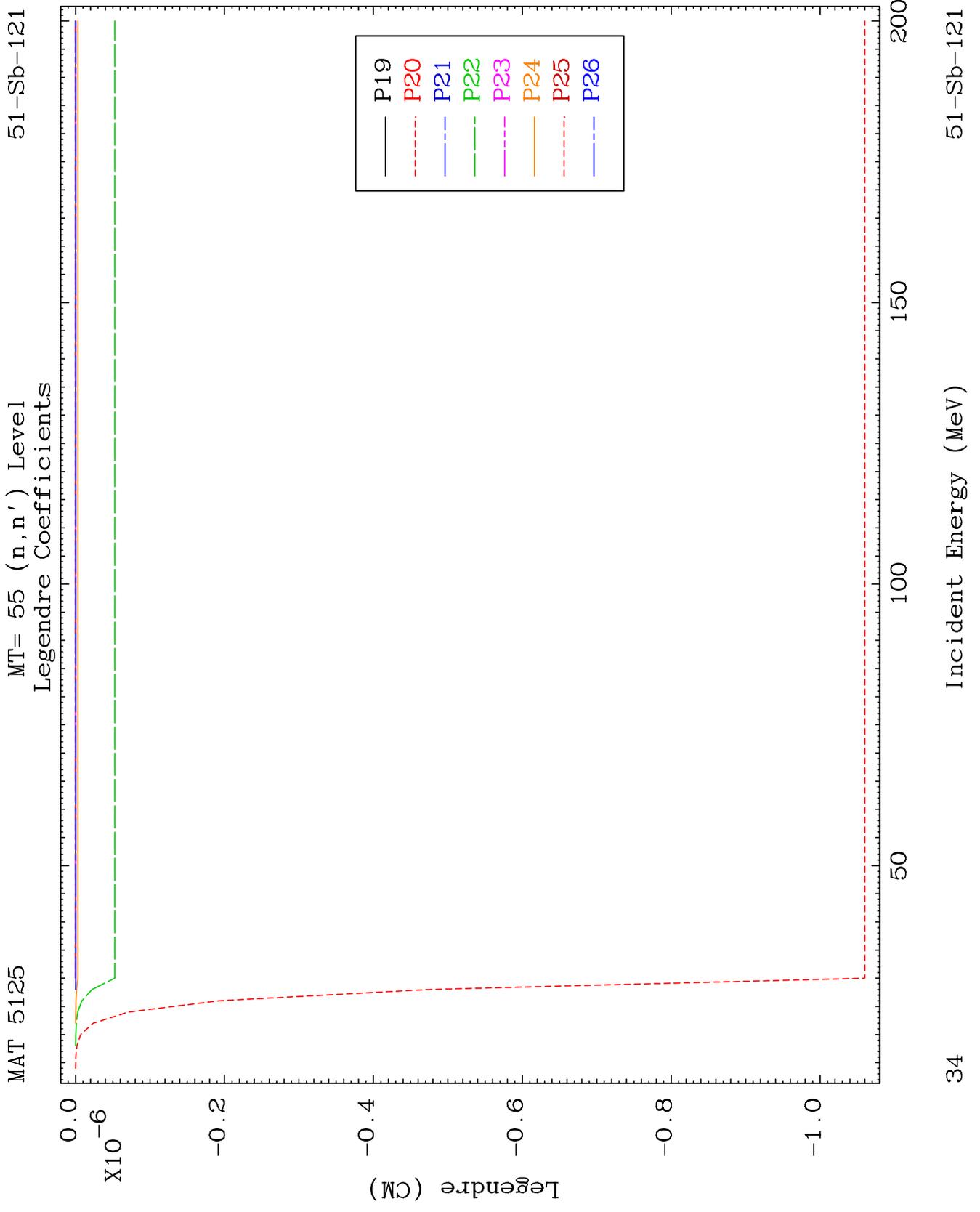
51-Sb-121



33

Incident Energy (MeV)

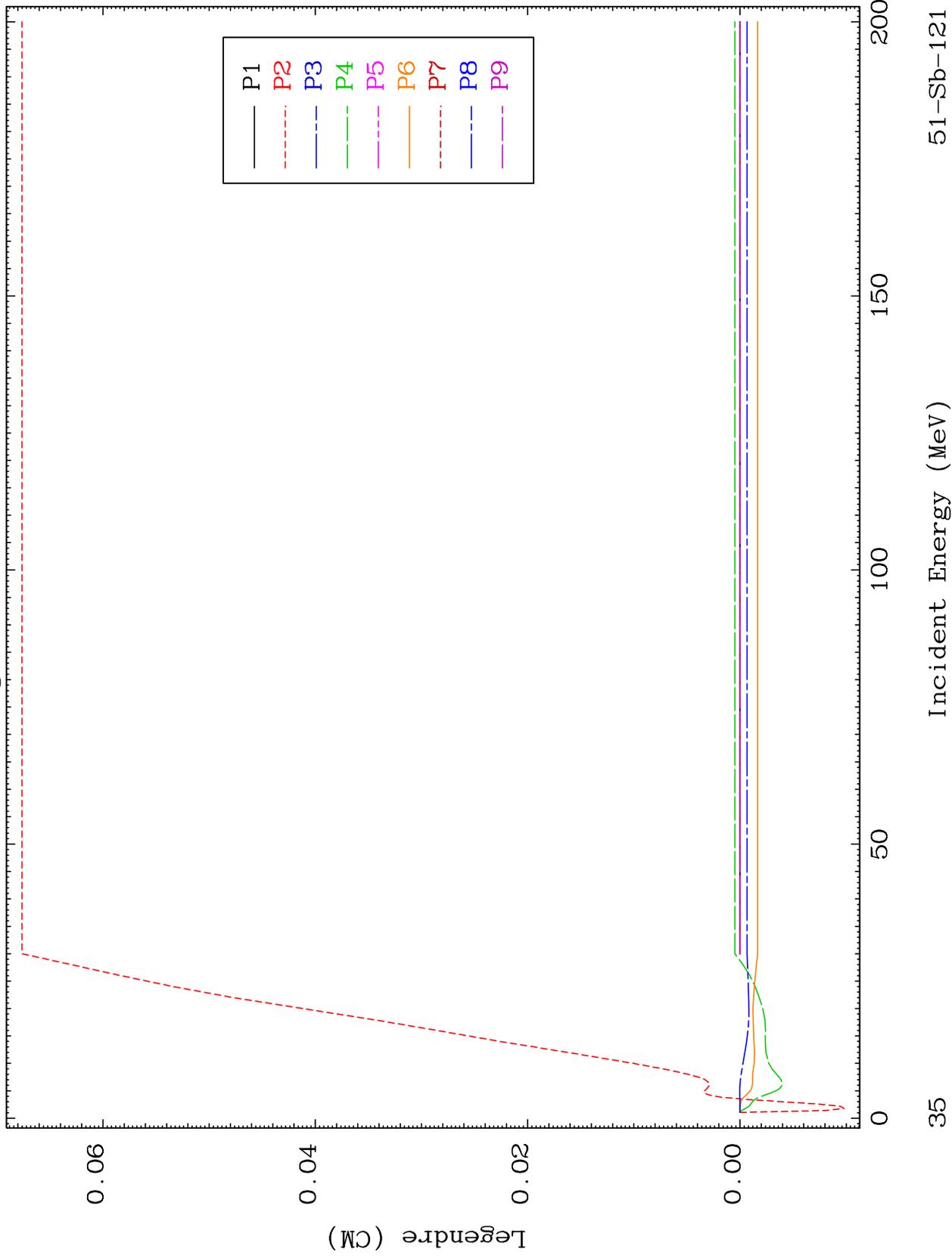
51-Sb-121



MAT 5125

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

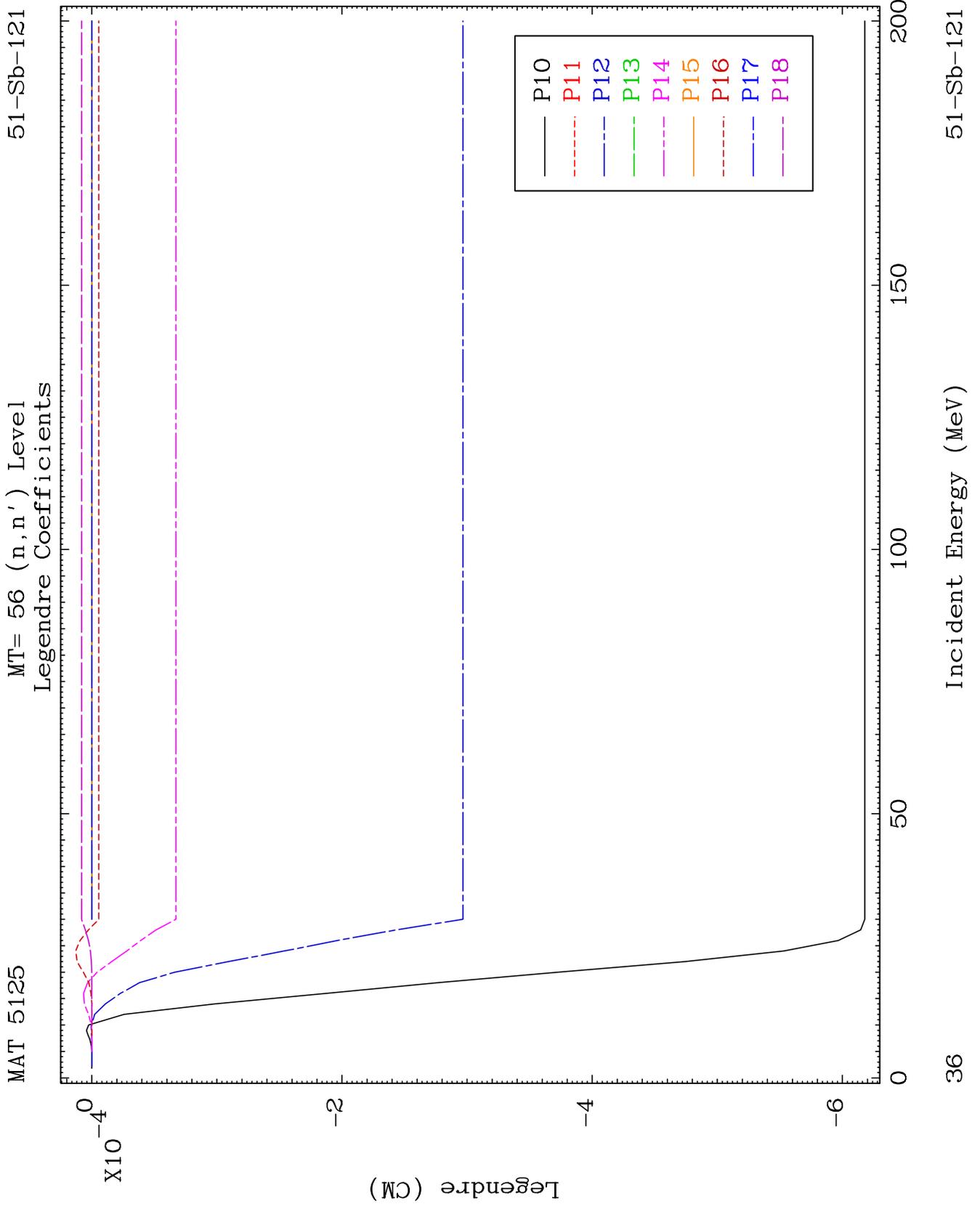
51-Sb-121



51-Sb-121

Incident Energy (MeV)

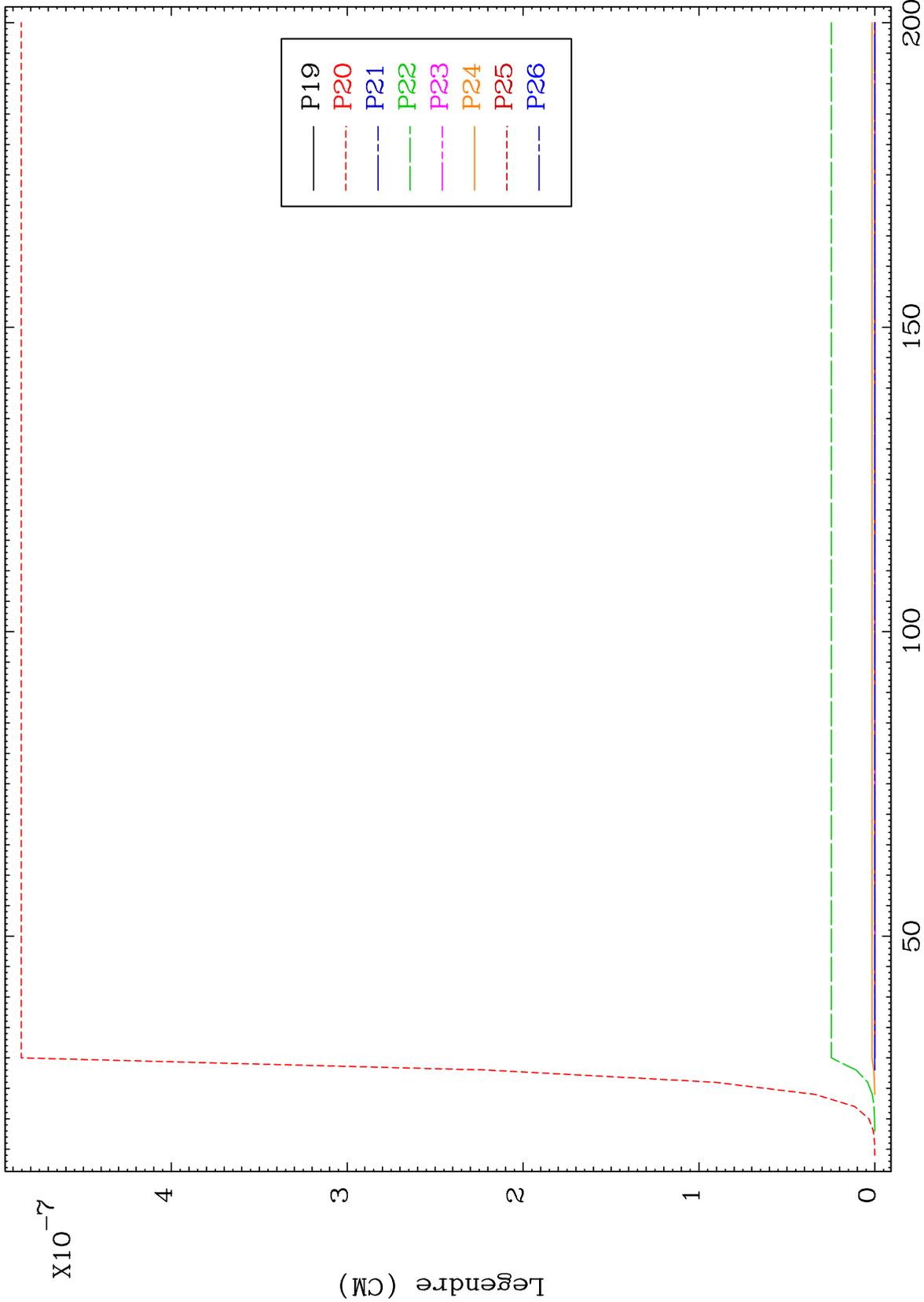
35



MAT 5125

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

51-Sb-121



37

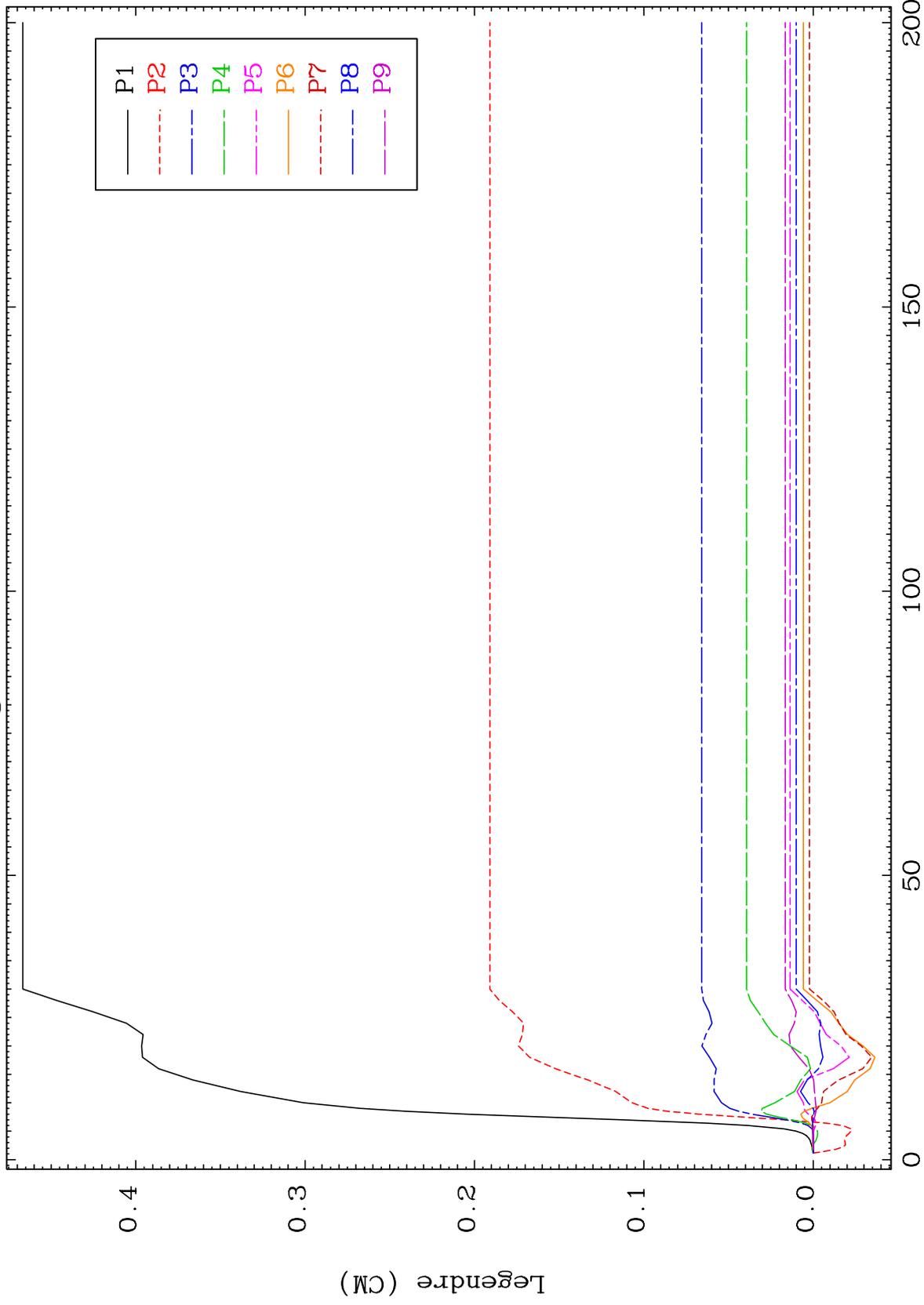
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



51-Sb-121

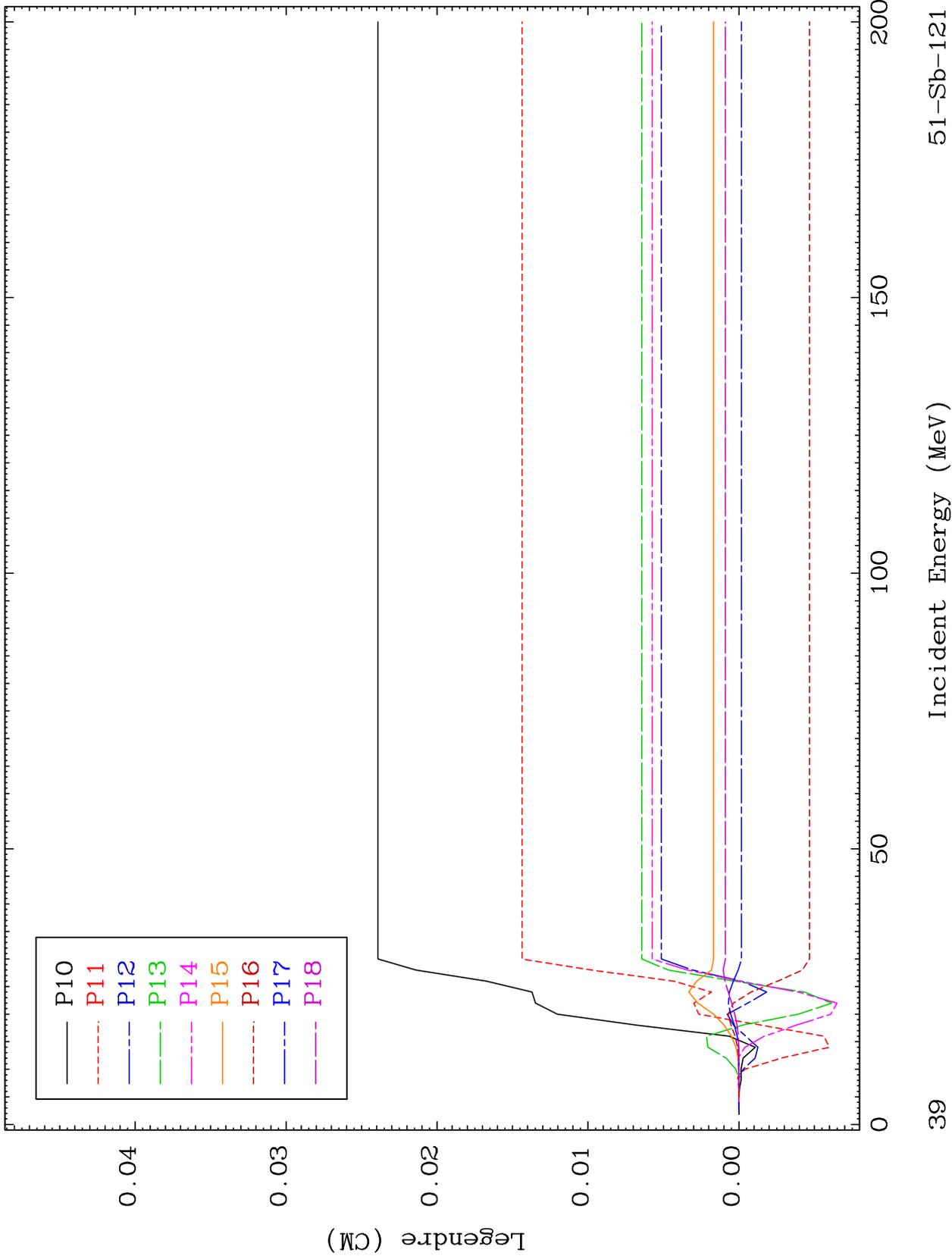
Incident Energy (MeV)

38

MAT 5125

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

51-Sb-121



39

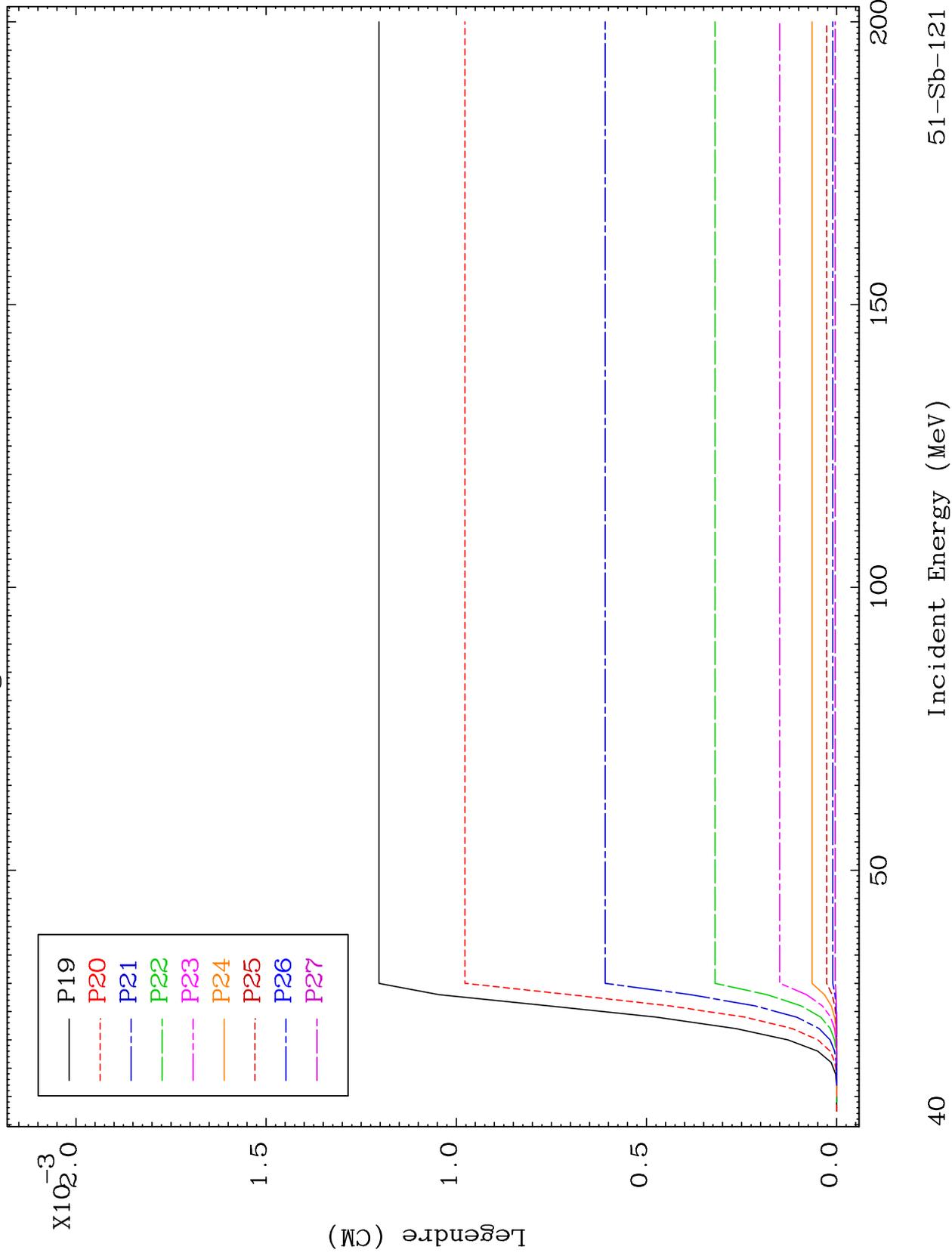
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



40

50

100

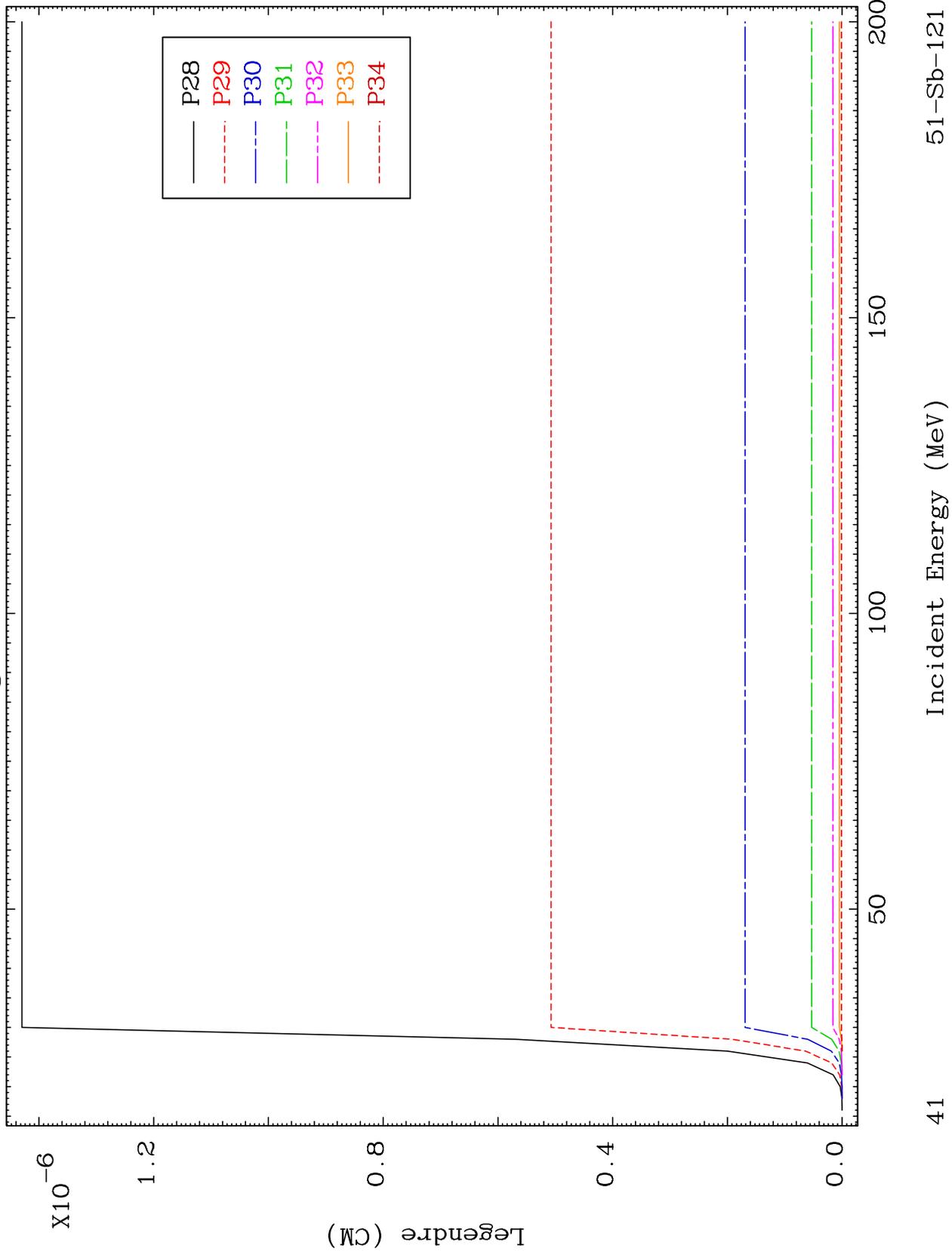
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200

MAT 5125

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

51-Sb-121



41

Incident Energy (MeV)

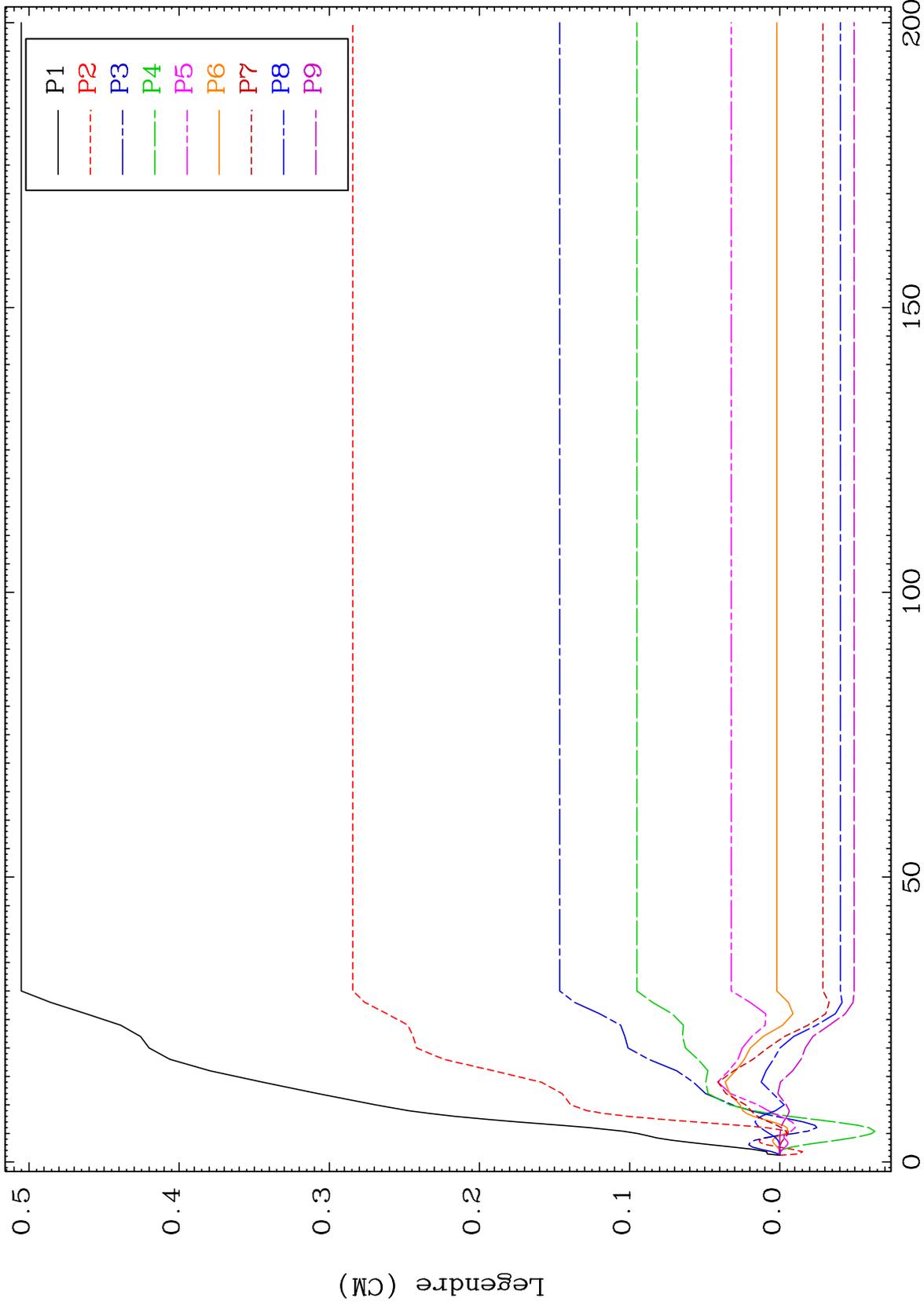
51-Sb-121

MAT 5125

MT= 58 (n,n') Level

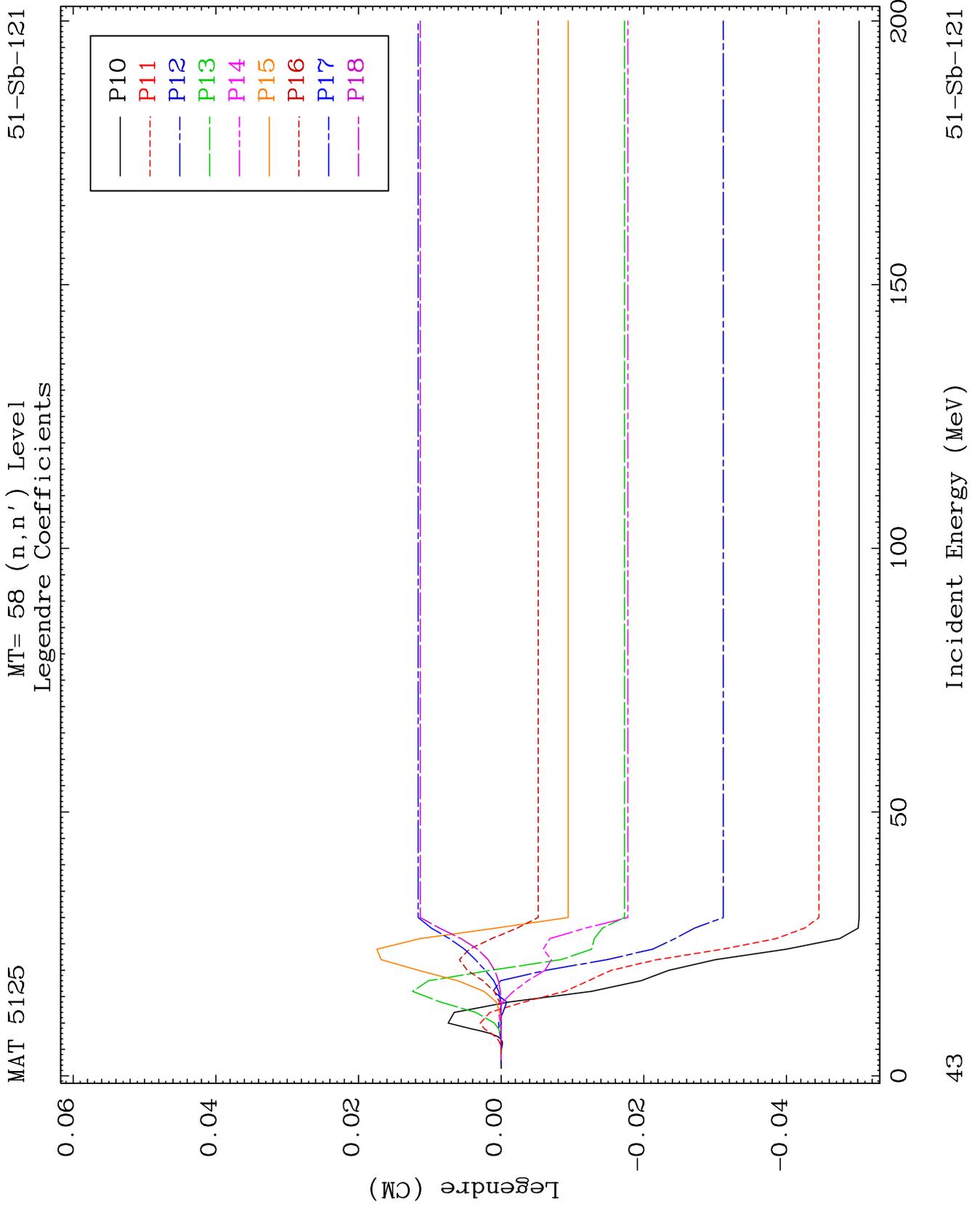
51-Sb-121

Legendre Coefficients



42

51-Sb-121

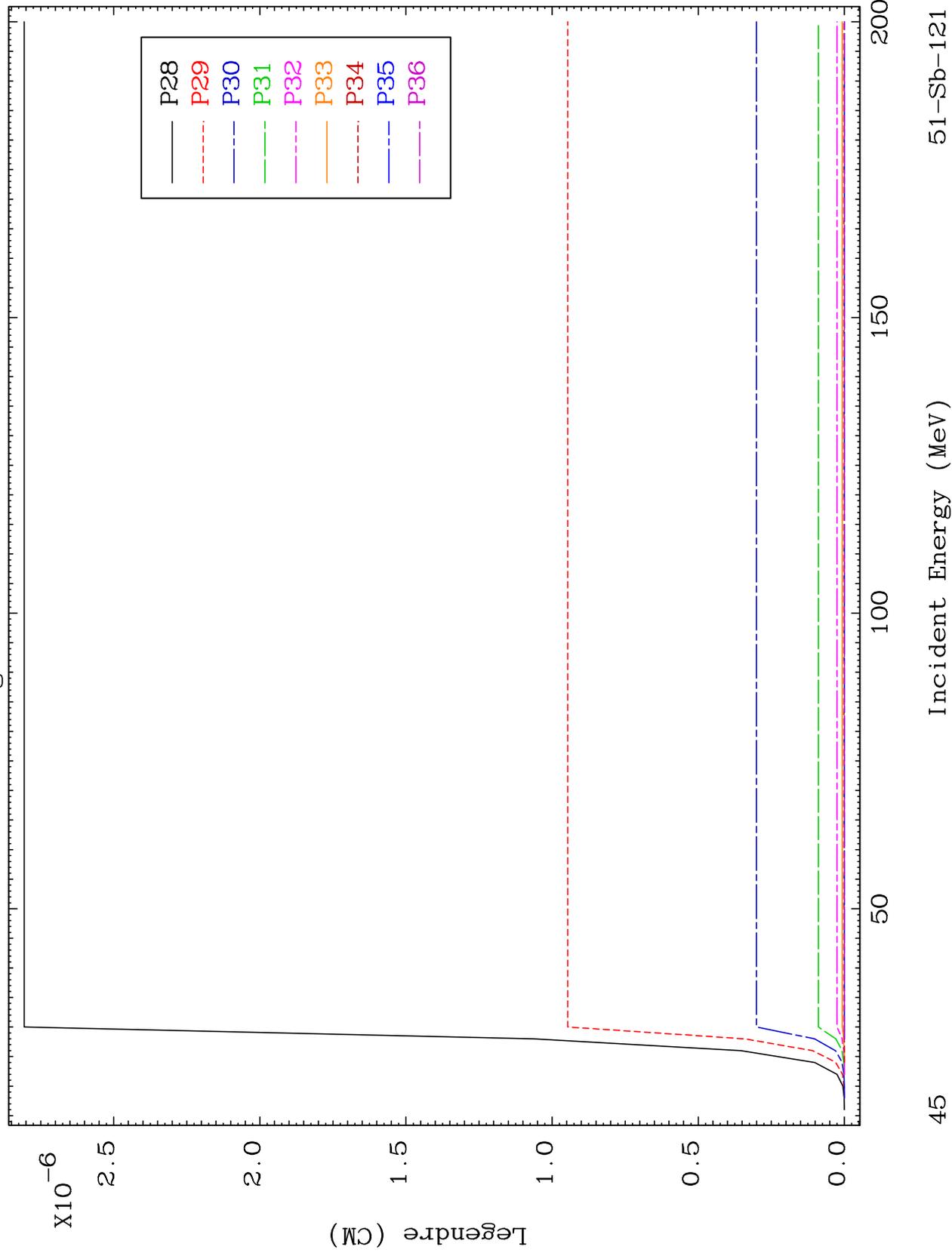




MAT 5125

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

51-Sb-121



45

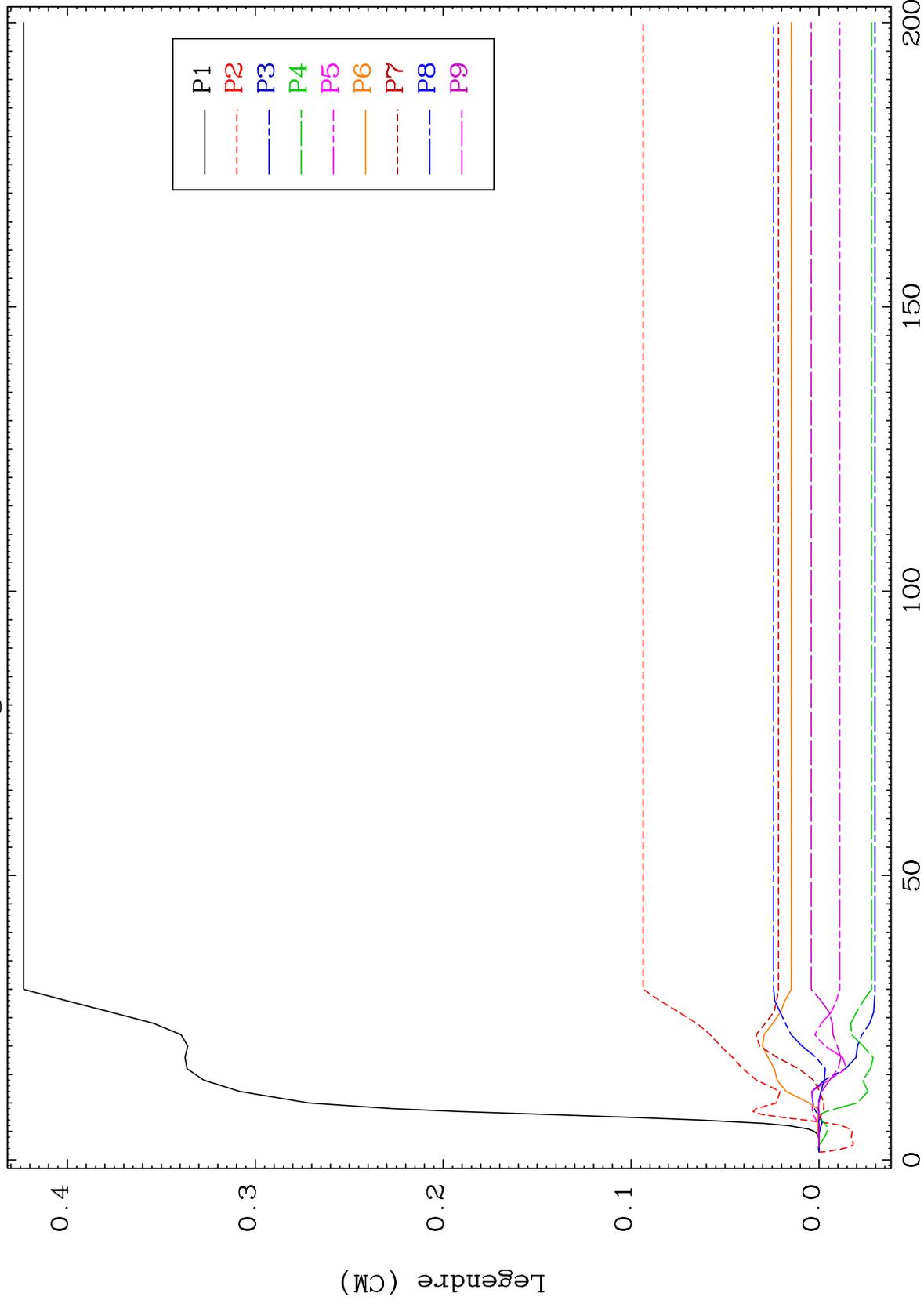
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



46

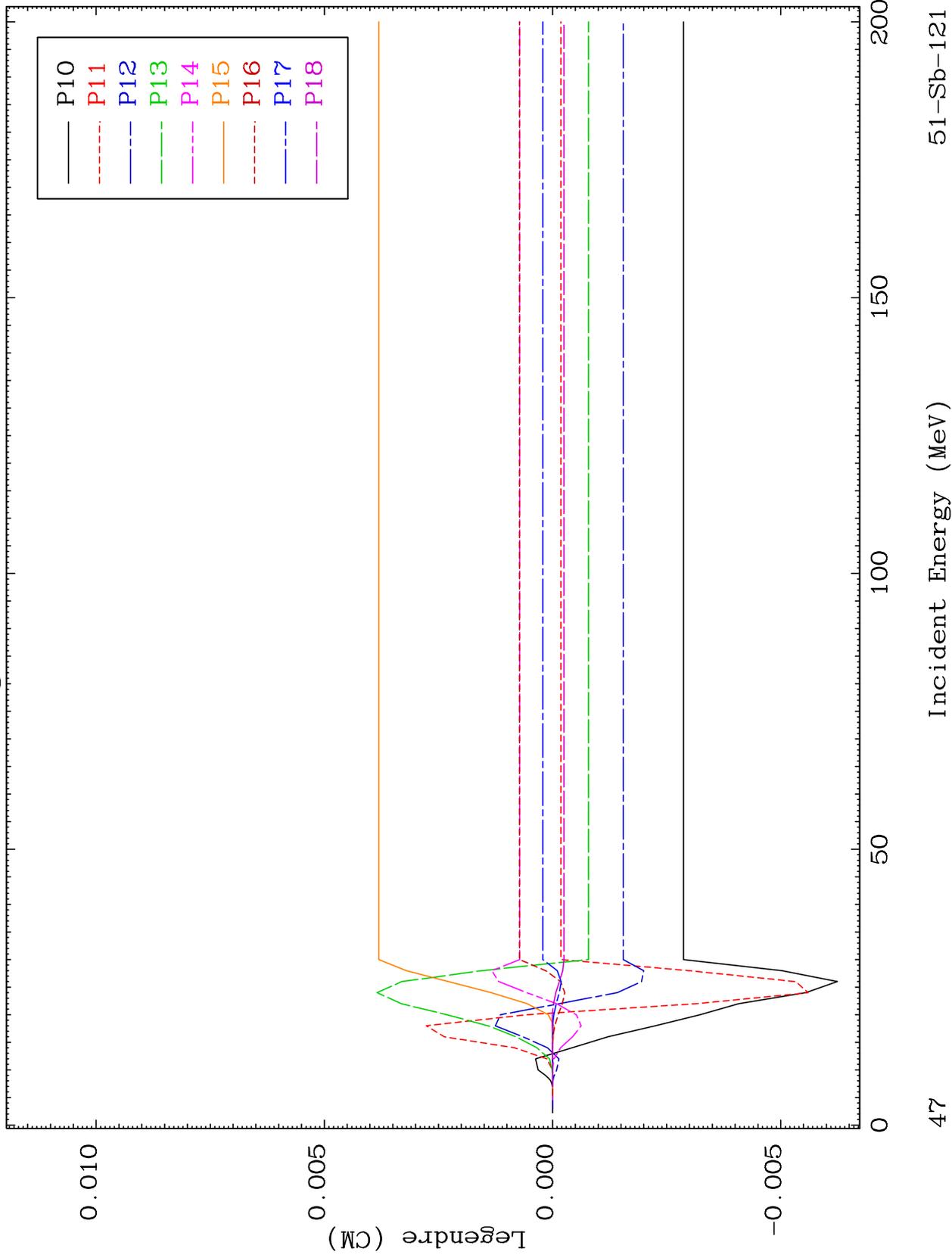
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



47

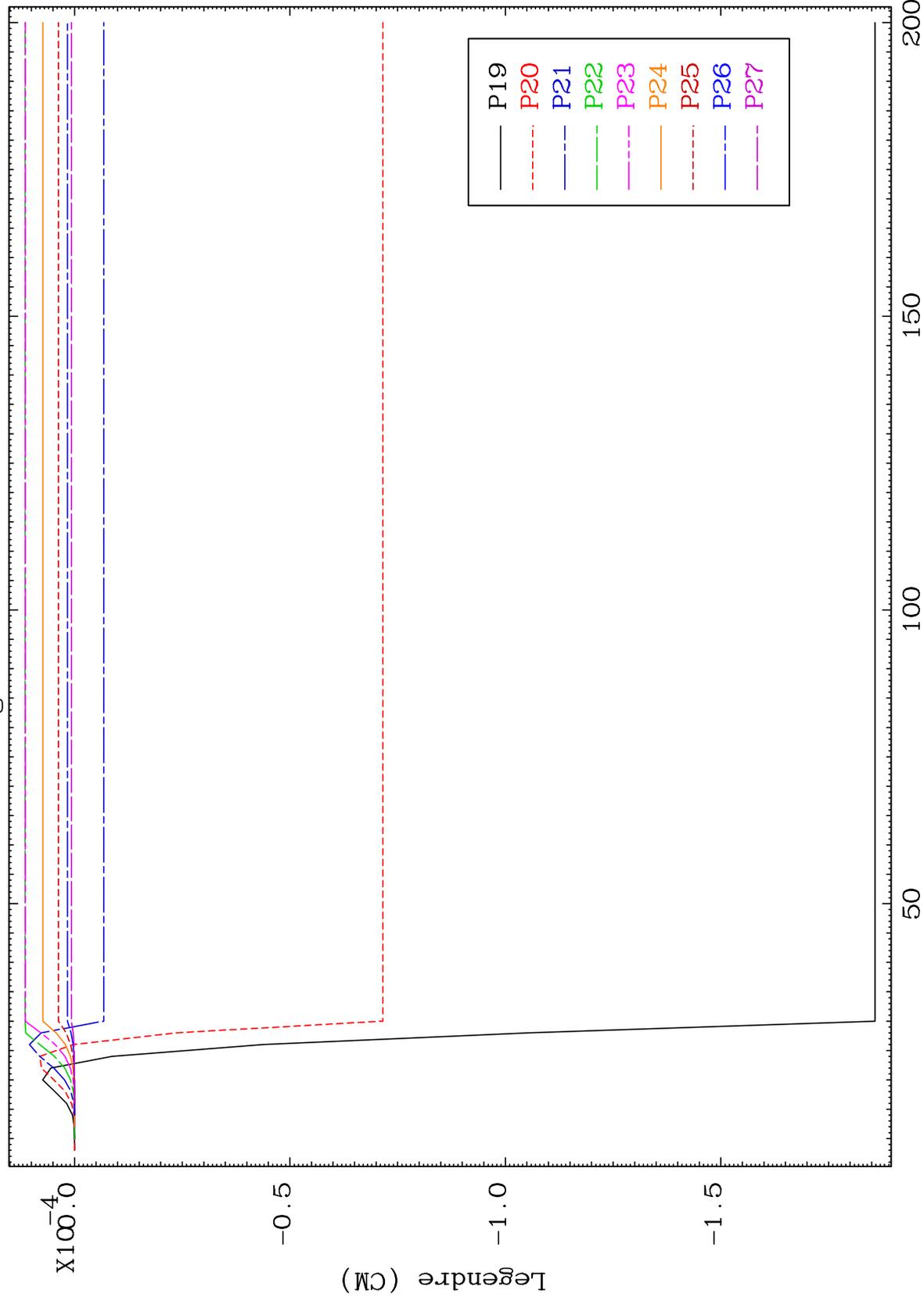
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



48

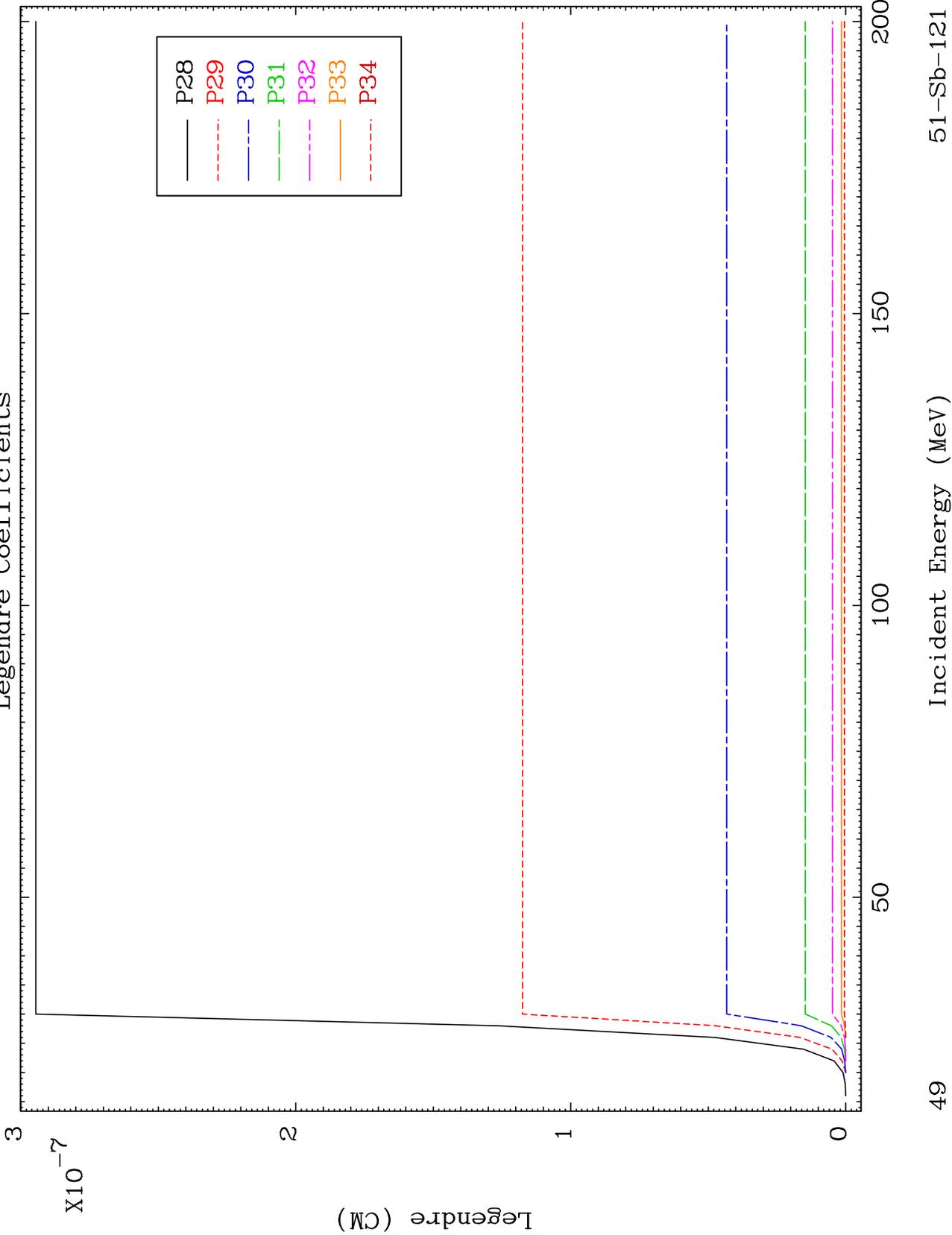
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121

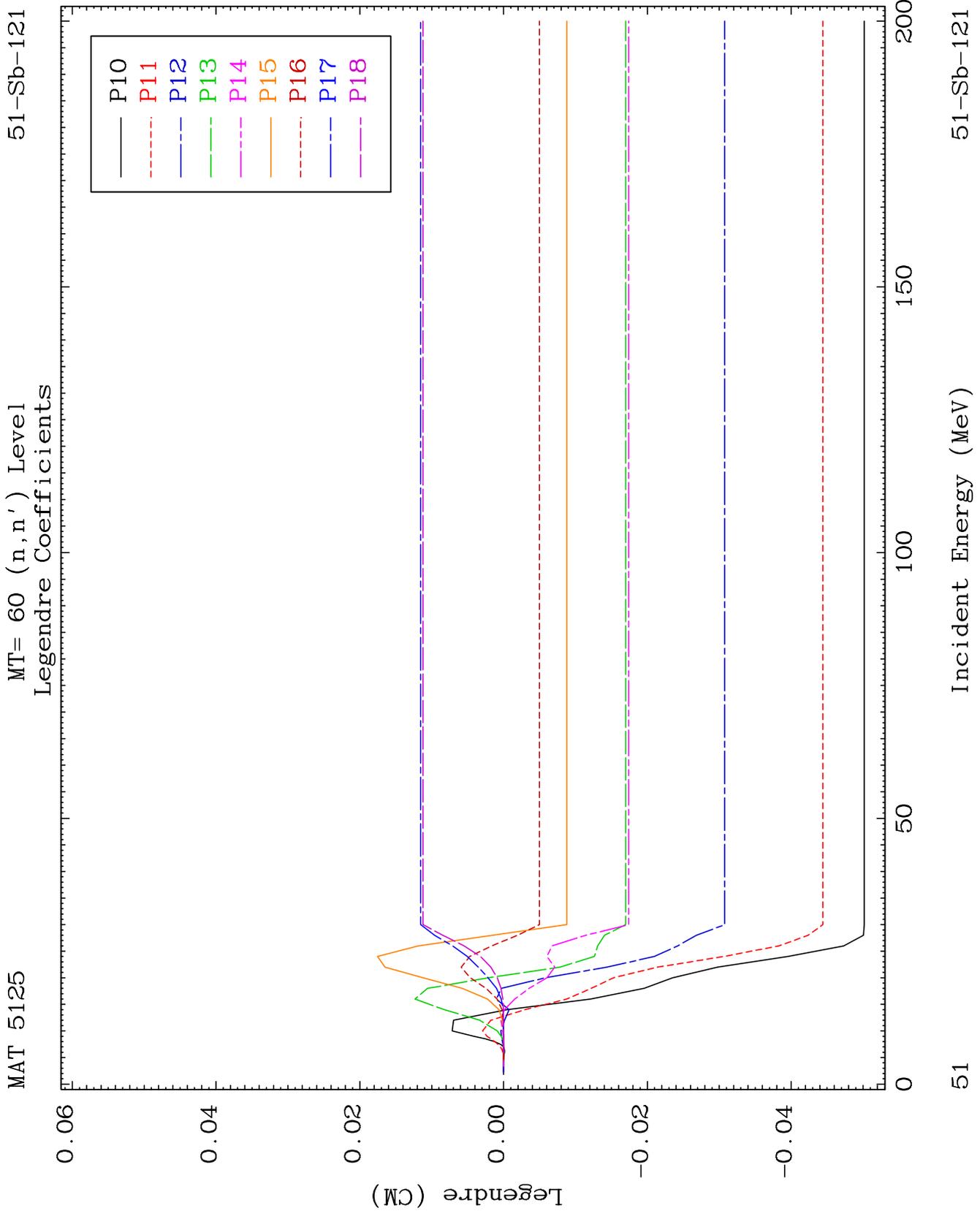


49

Incident Energy (MeV)

51-Sb-121

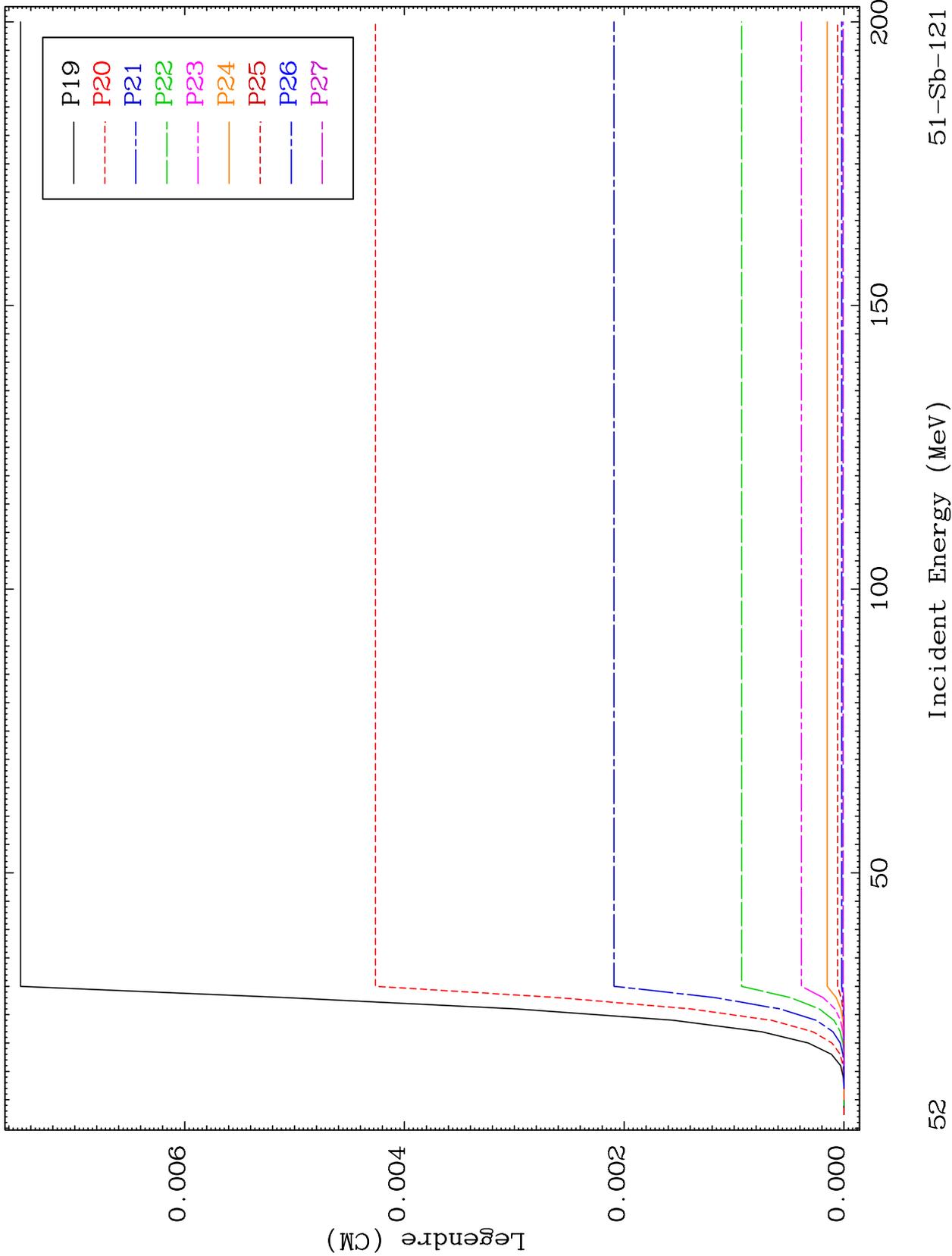




MAT 5125

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

51-Sb-121



52

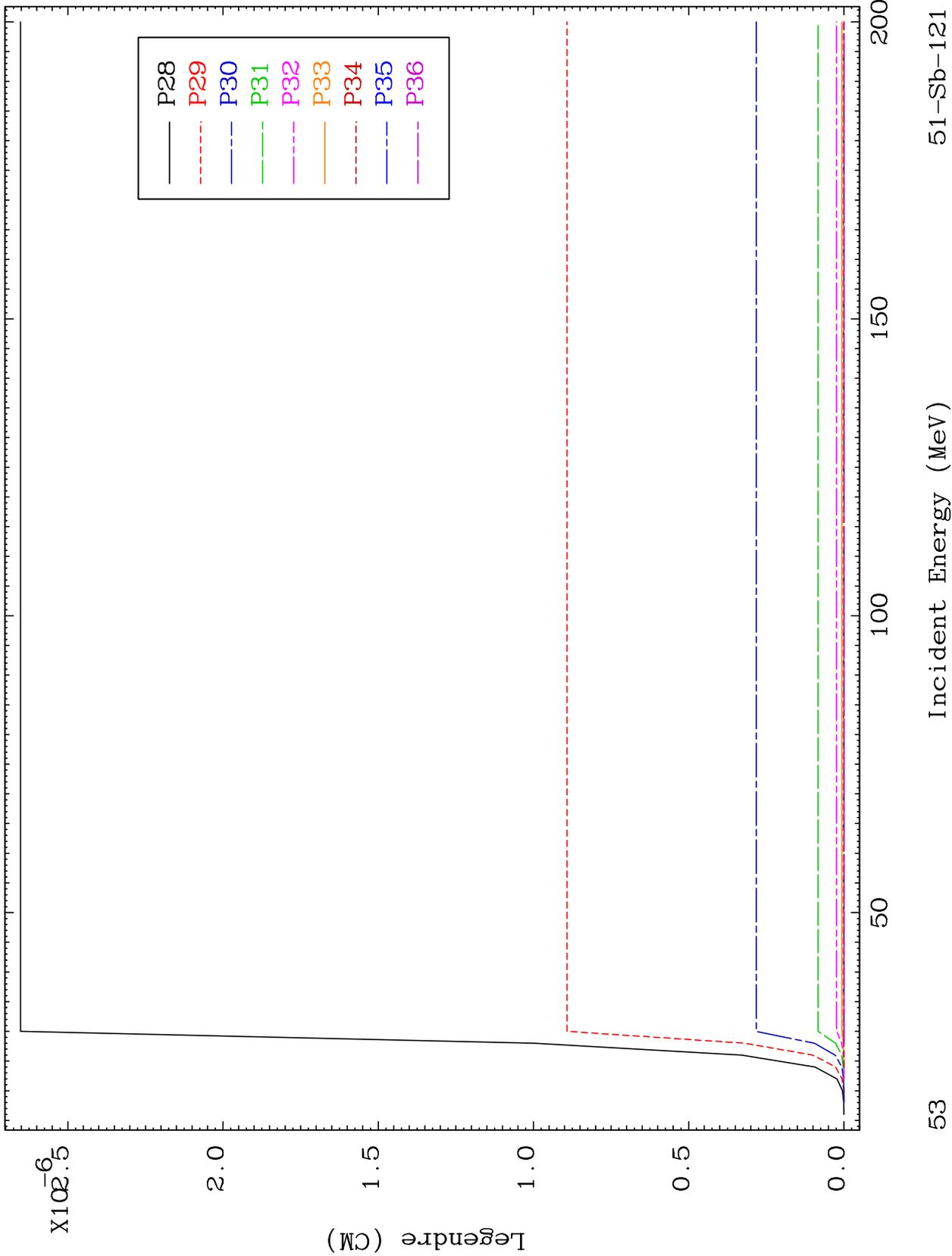
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



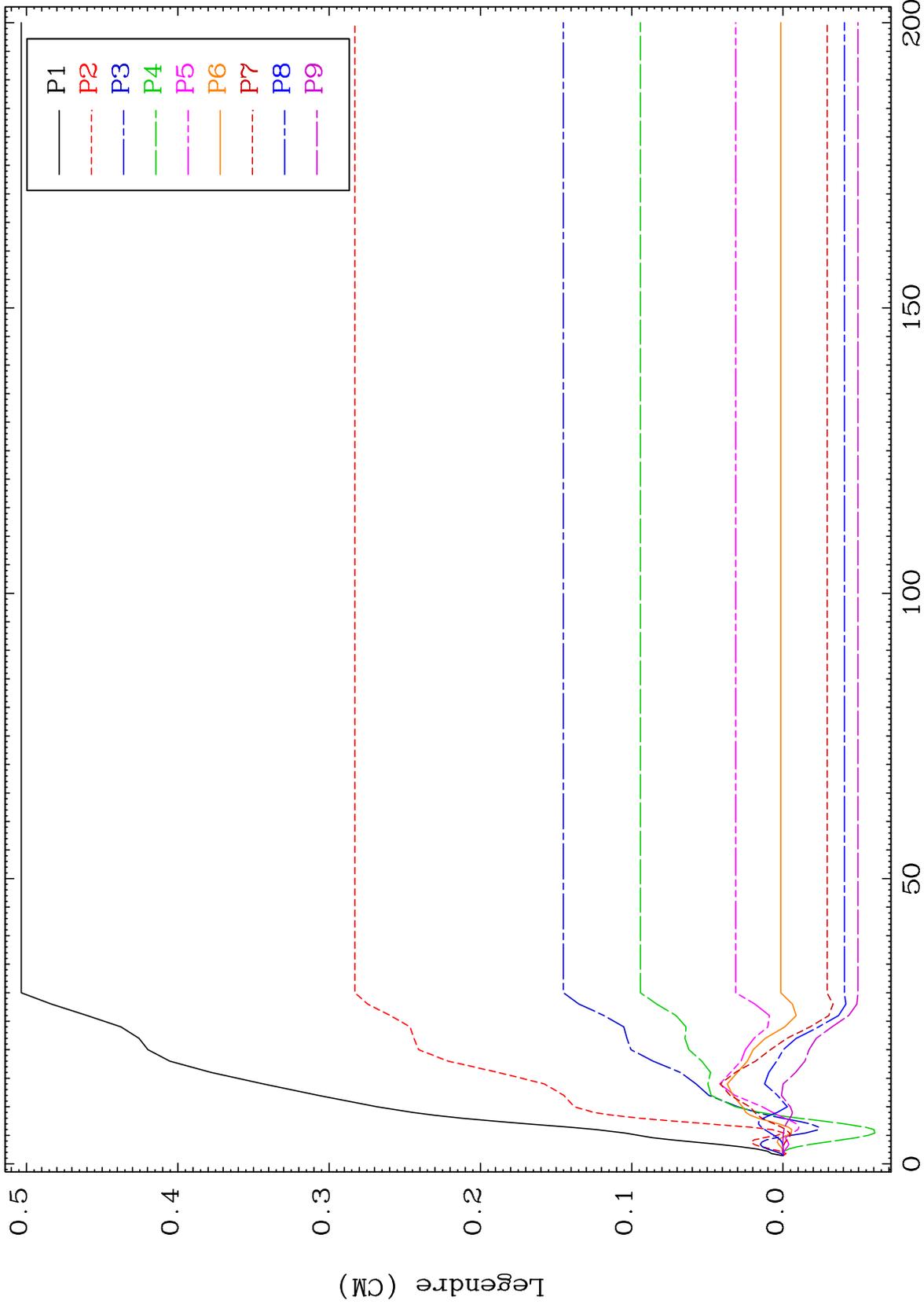
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51-Sb-121

MAT 5125

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

51-Sb-121



54

Incident Energy (MeV)

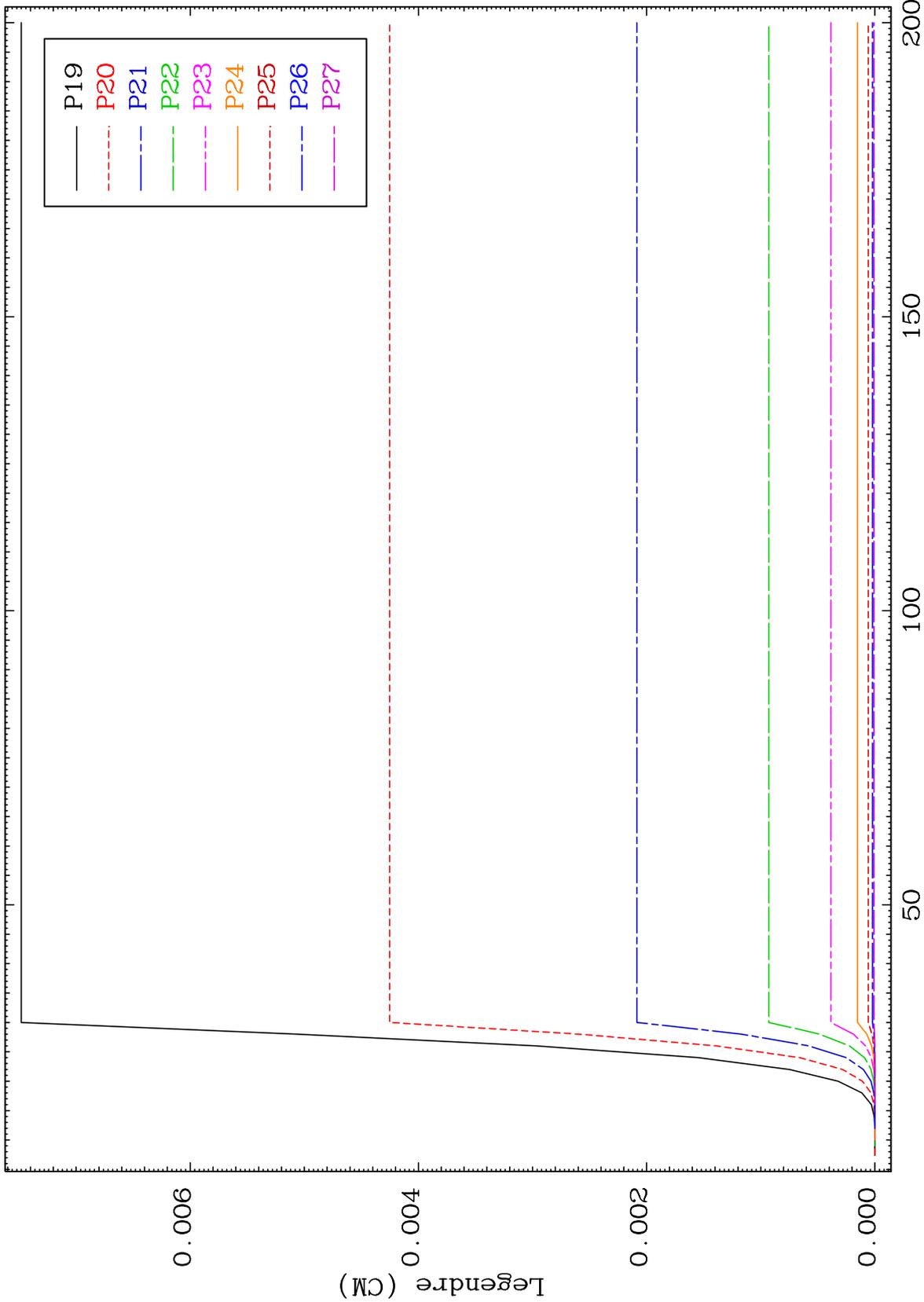
51-Sb-121



MAT 5125

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

51-Sb-121



56

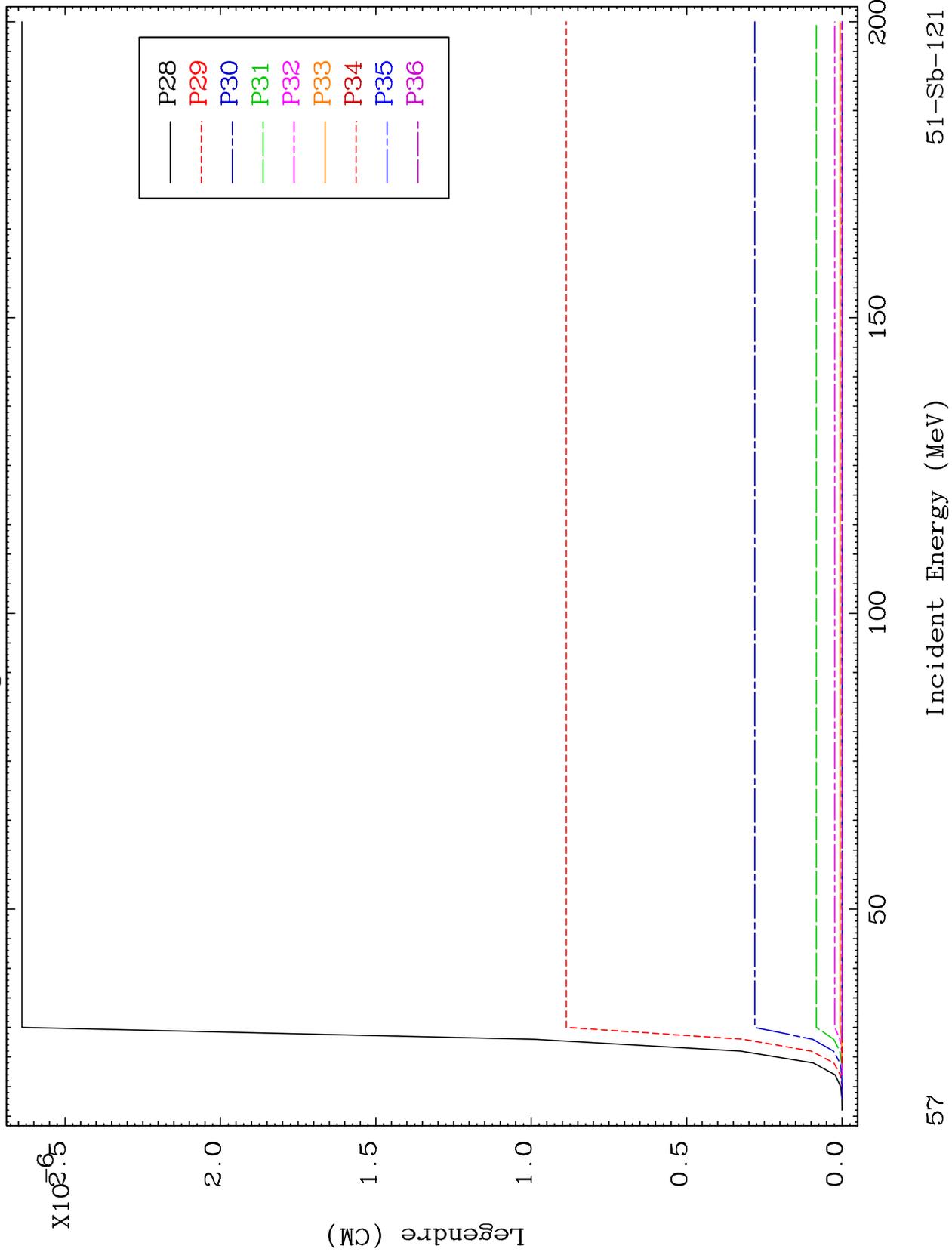
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



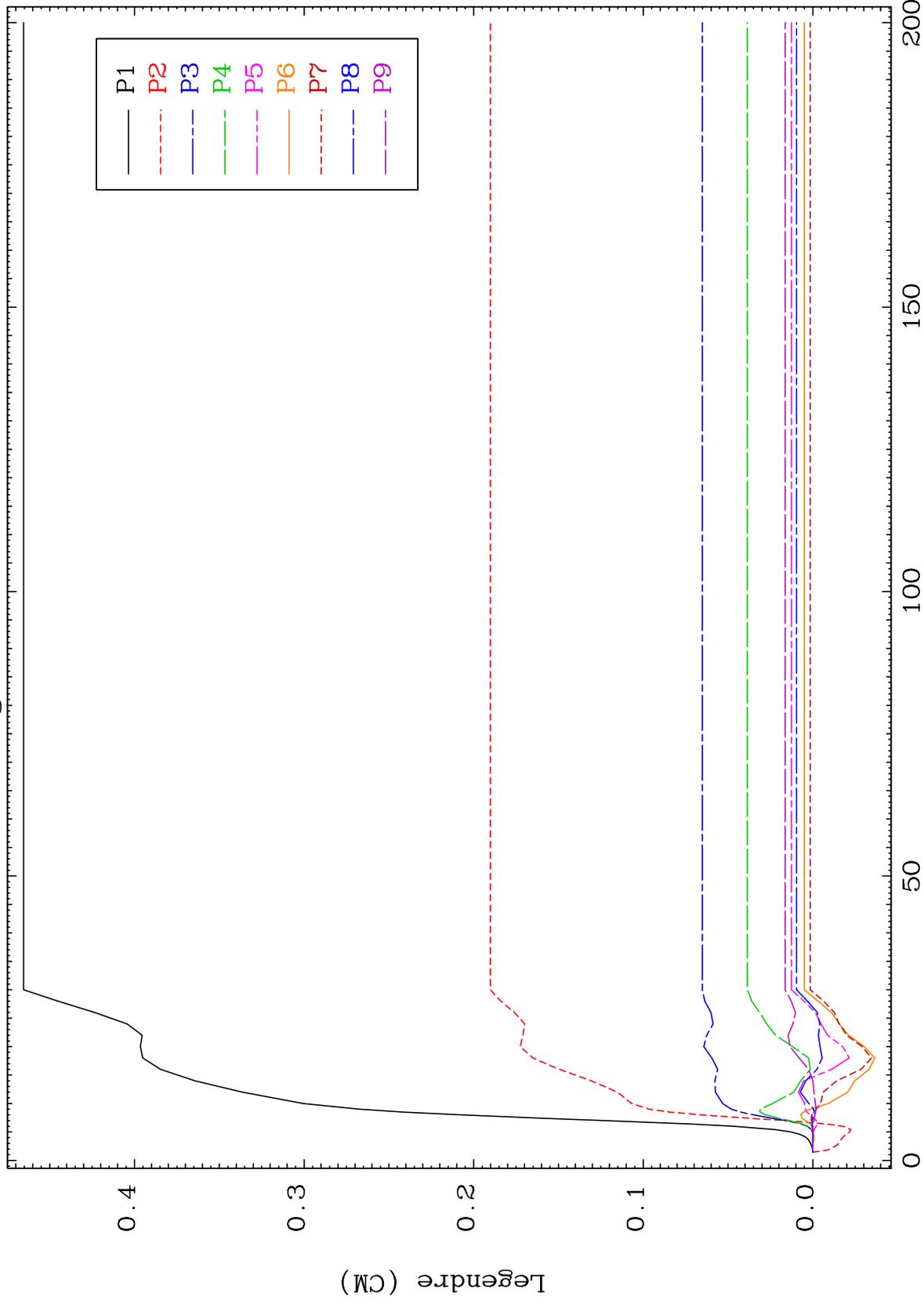
57

51-Sb-121

MAT 5125

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

51-Sb-121



51-Sb-121

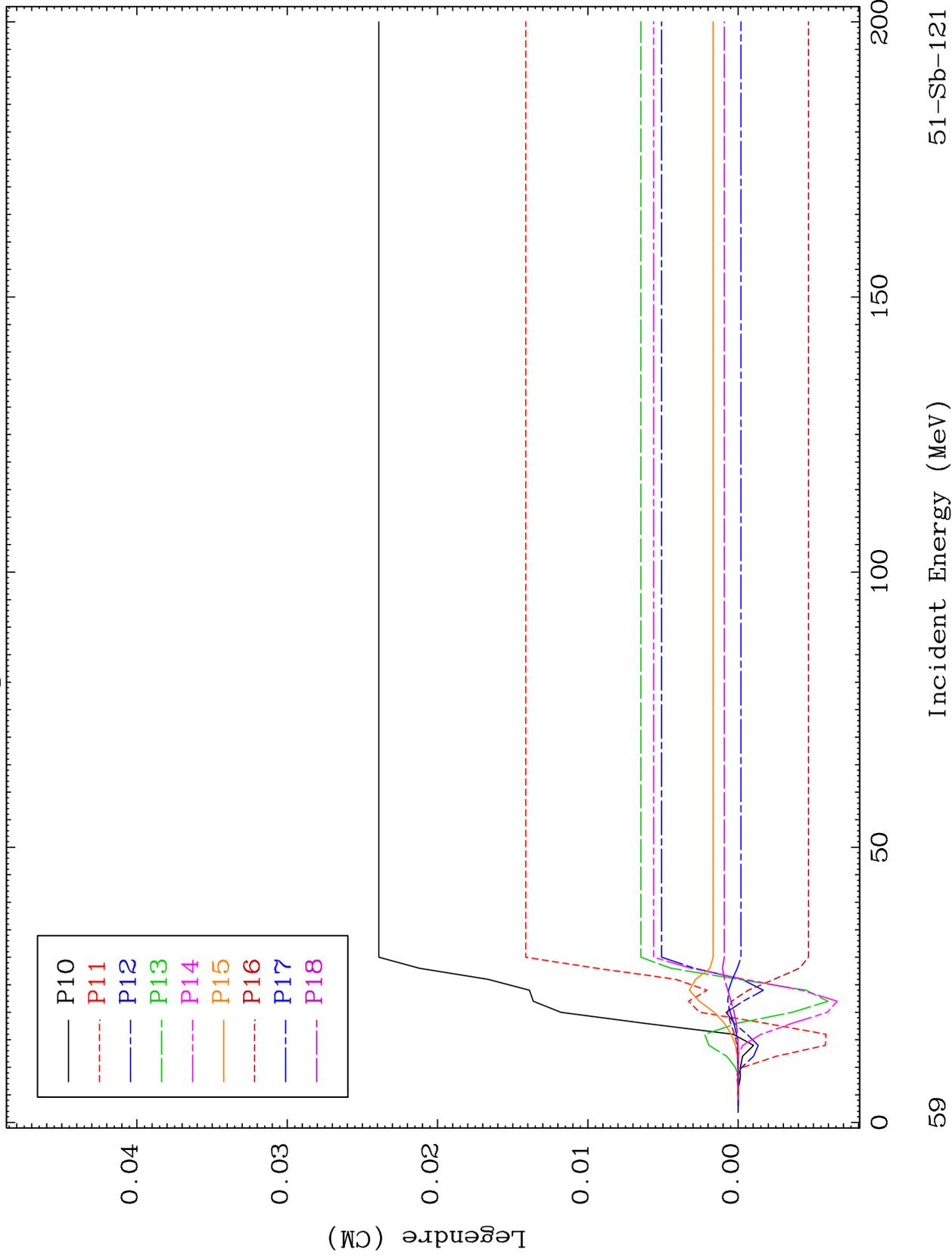
Incident Energy (MeV)

58

MAT 5125

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

51-Sb-121



51-Sb-121

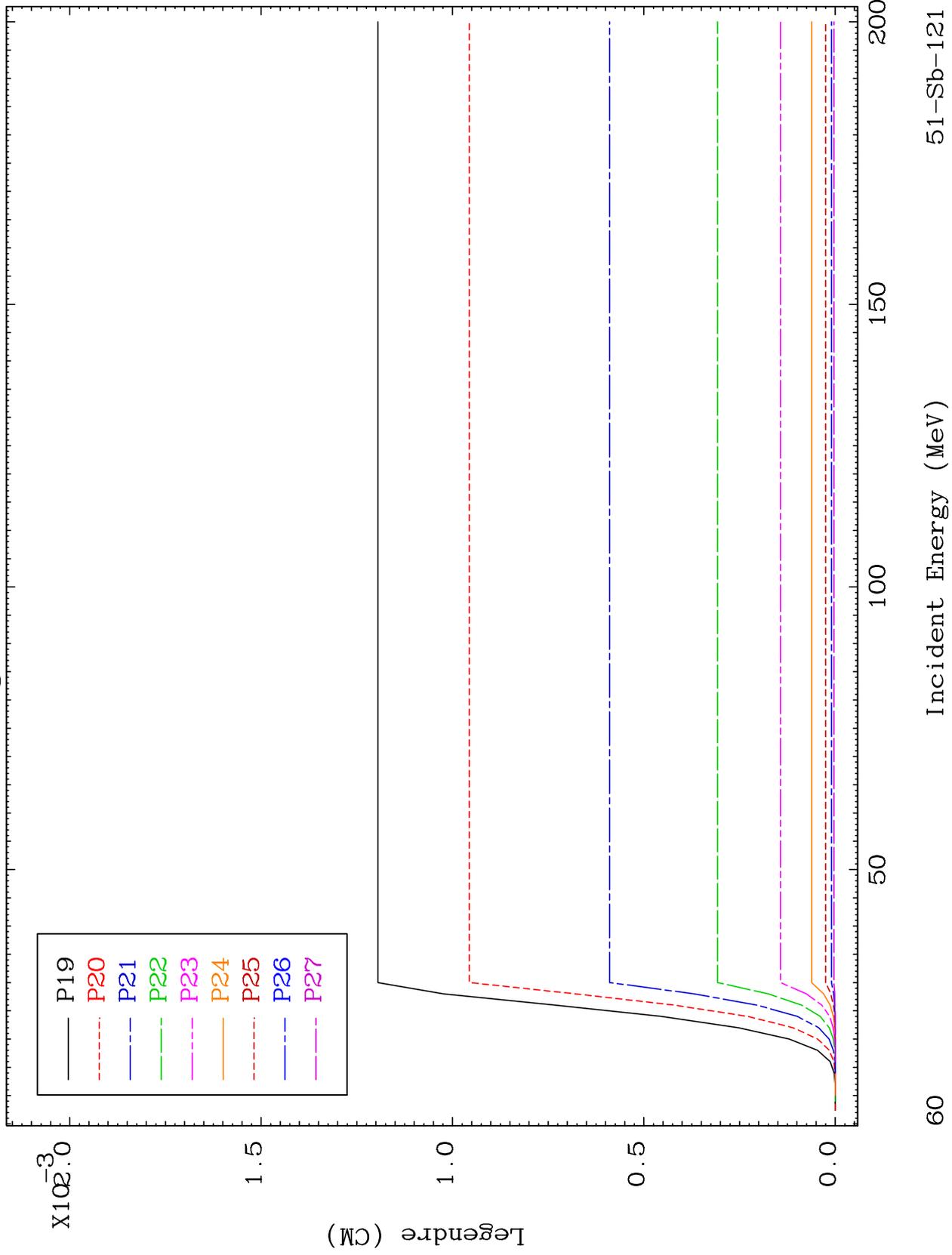
Incident Energy (MeV)

59

MAT 5125

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

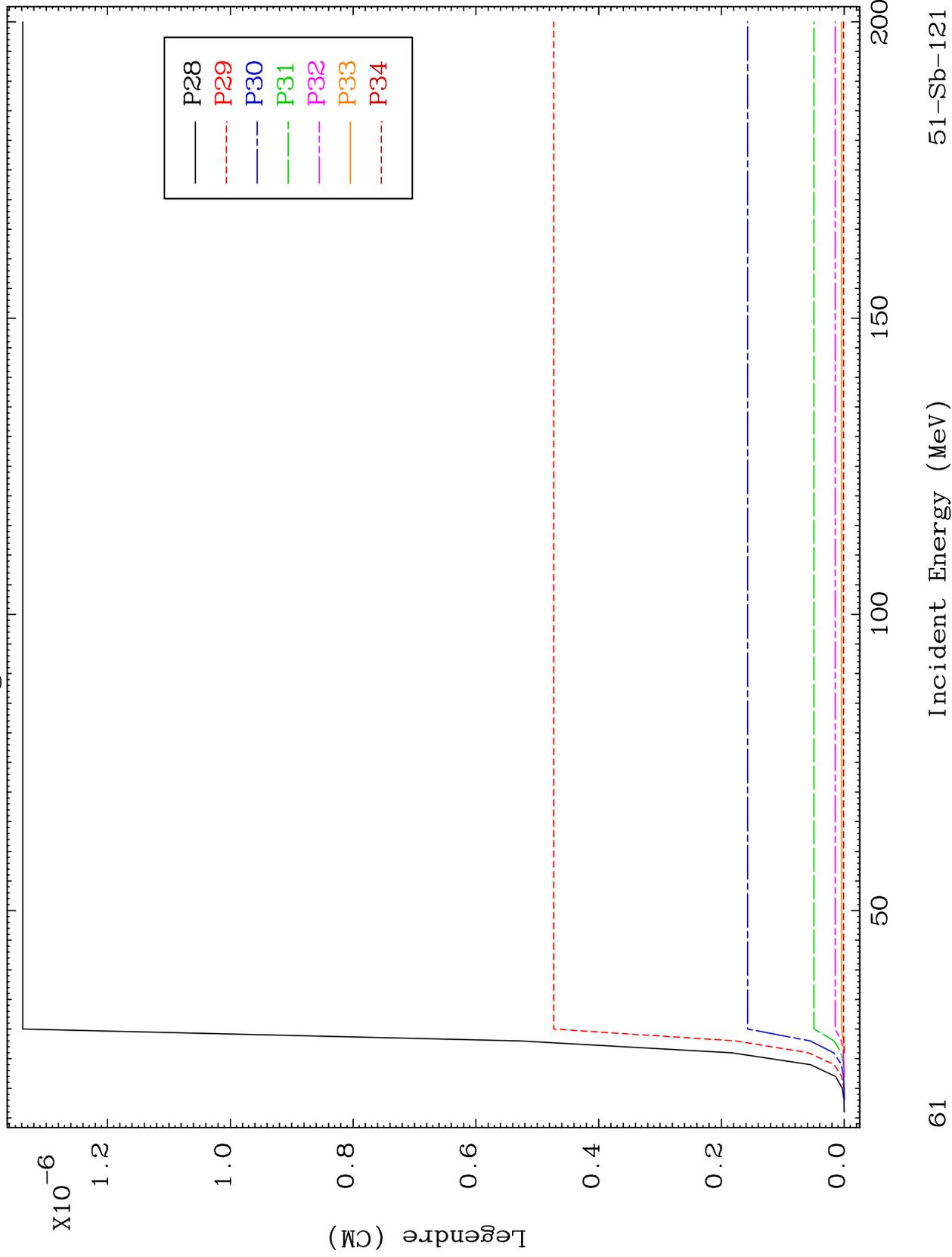
51-Sb-121



MAT 5125

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

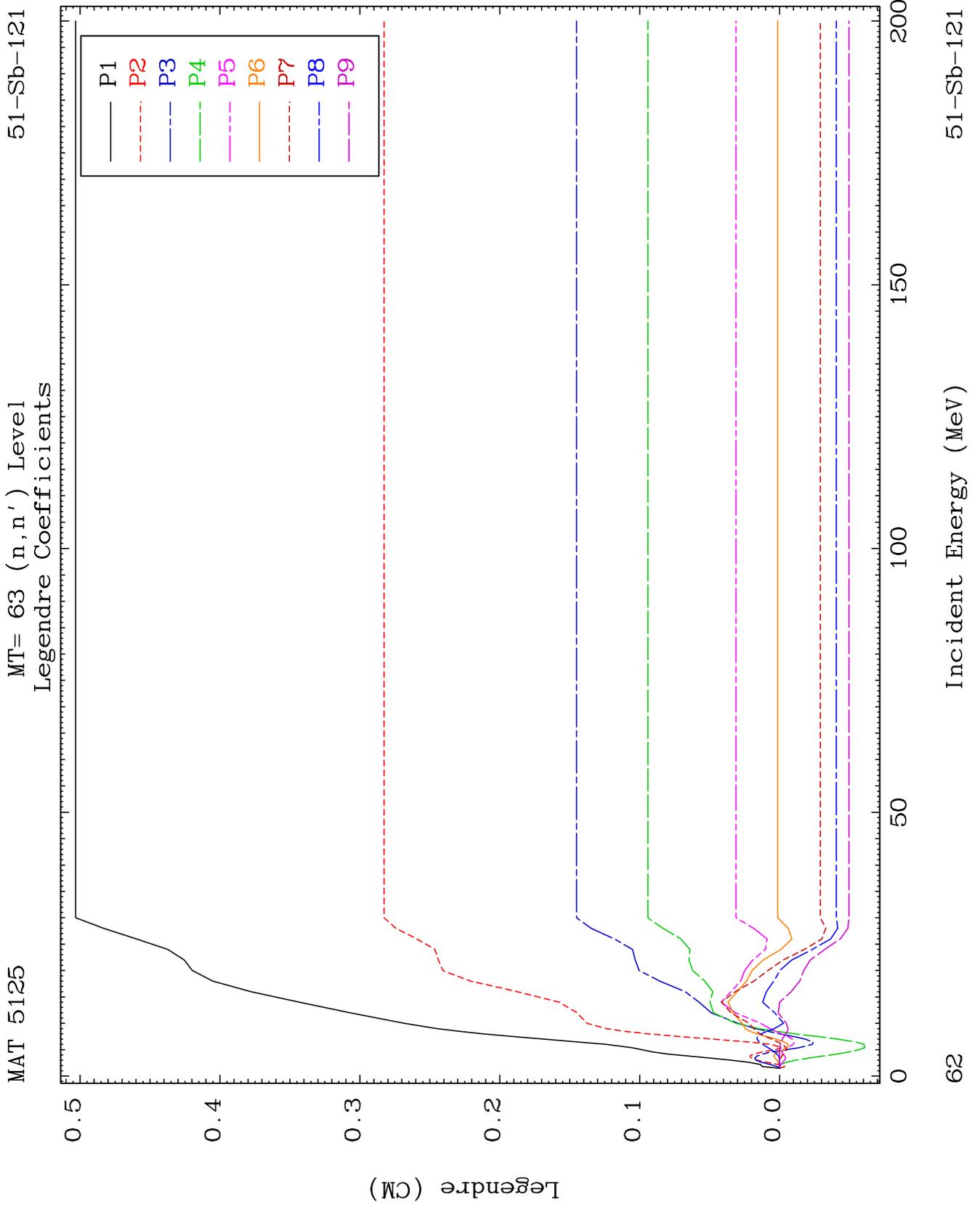
51-Sb-121

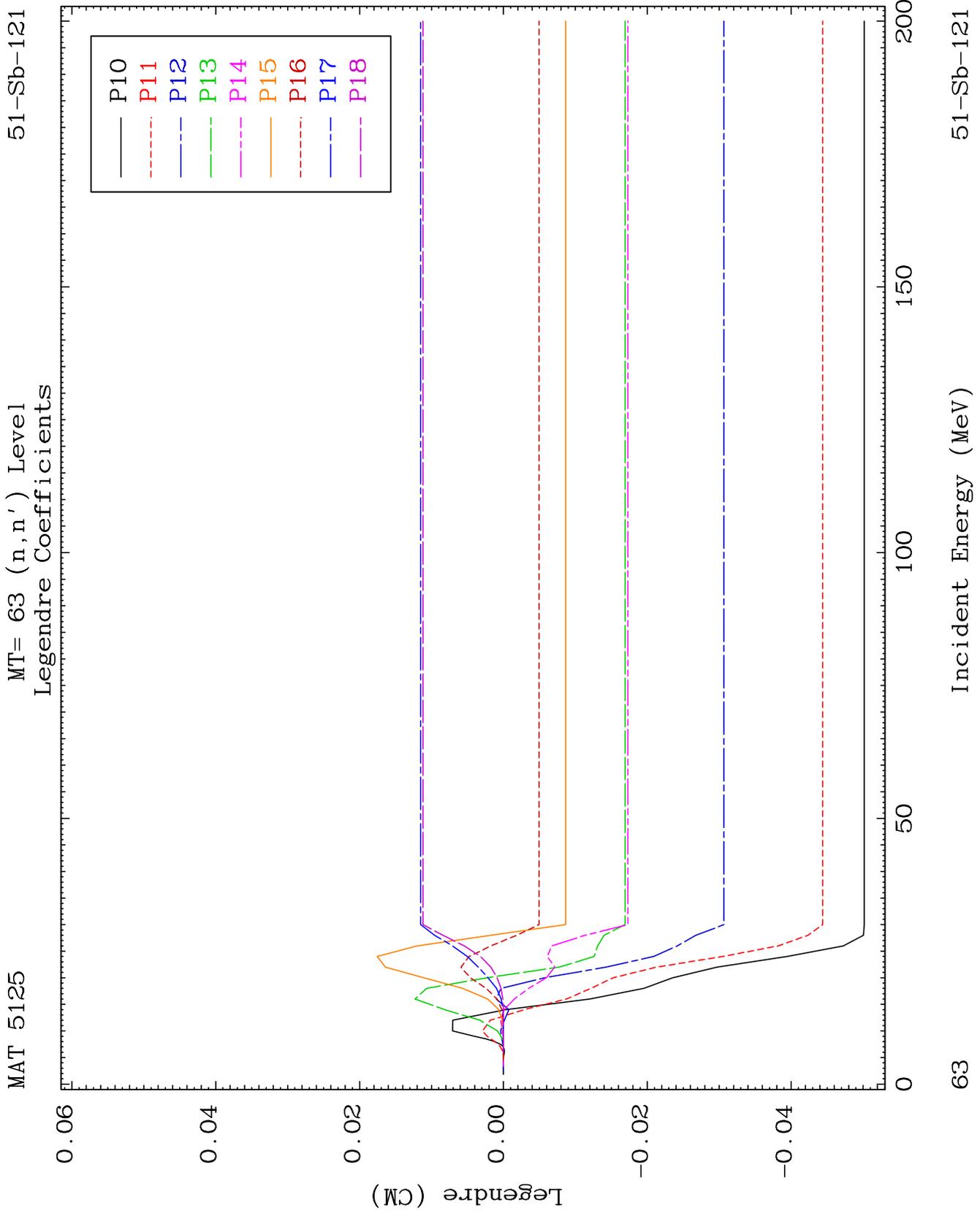


61

Incident Energy (MeV)

51-Sb-121

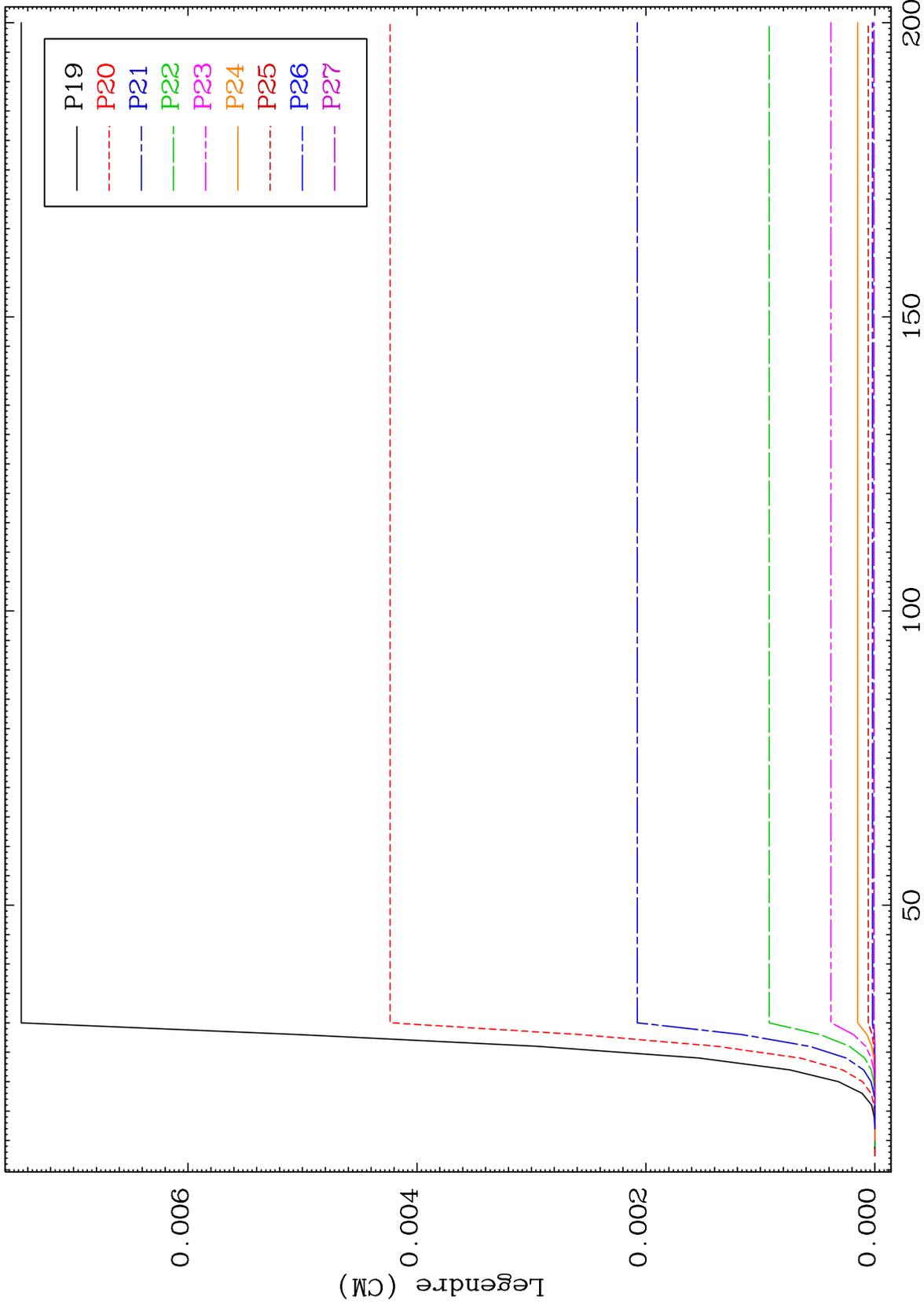




MAT 5125

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

51-Sb-121



64

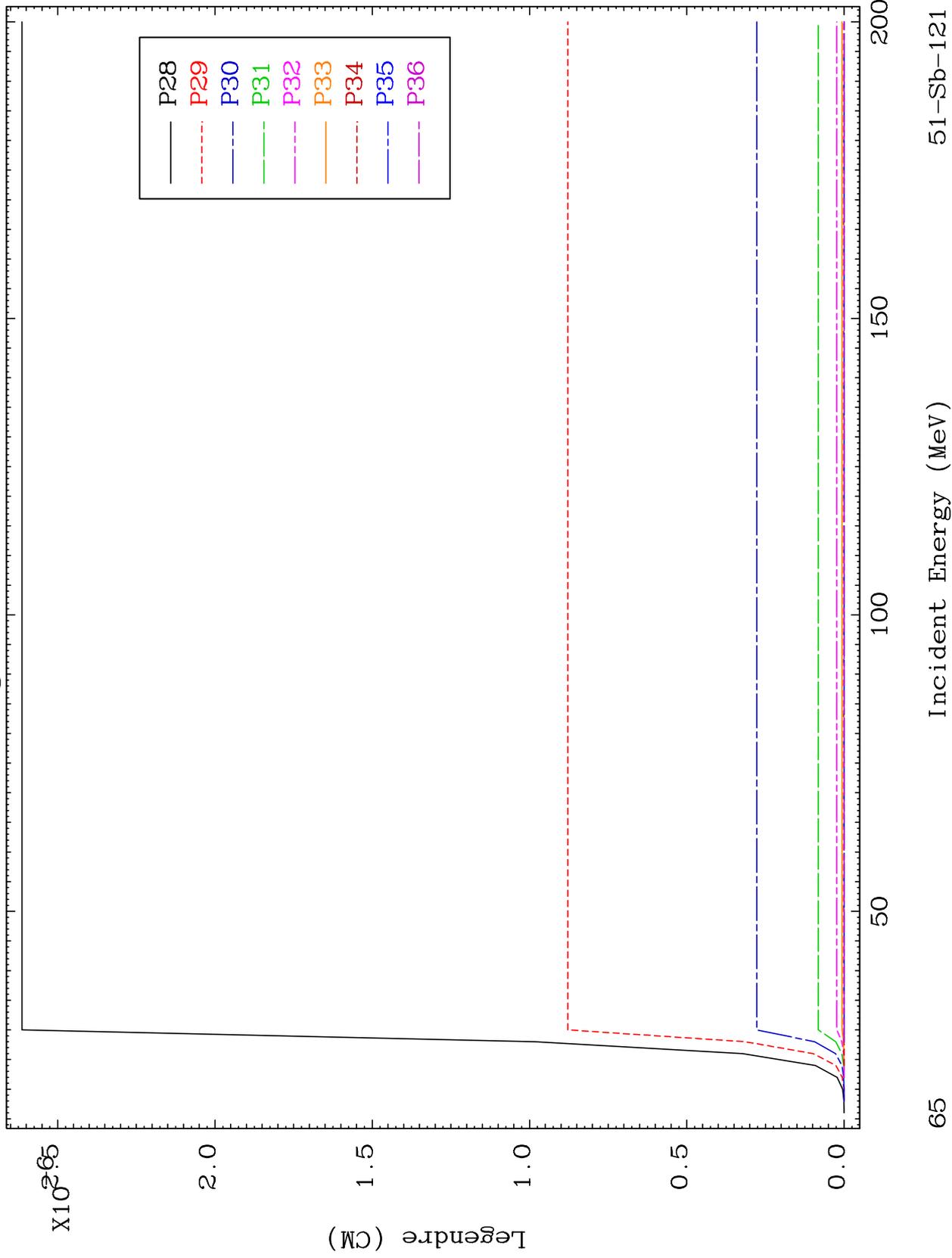
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

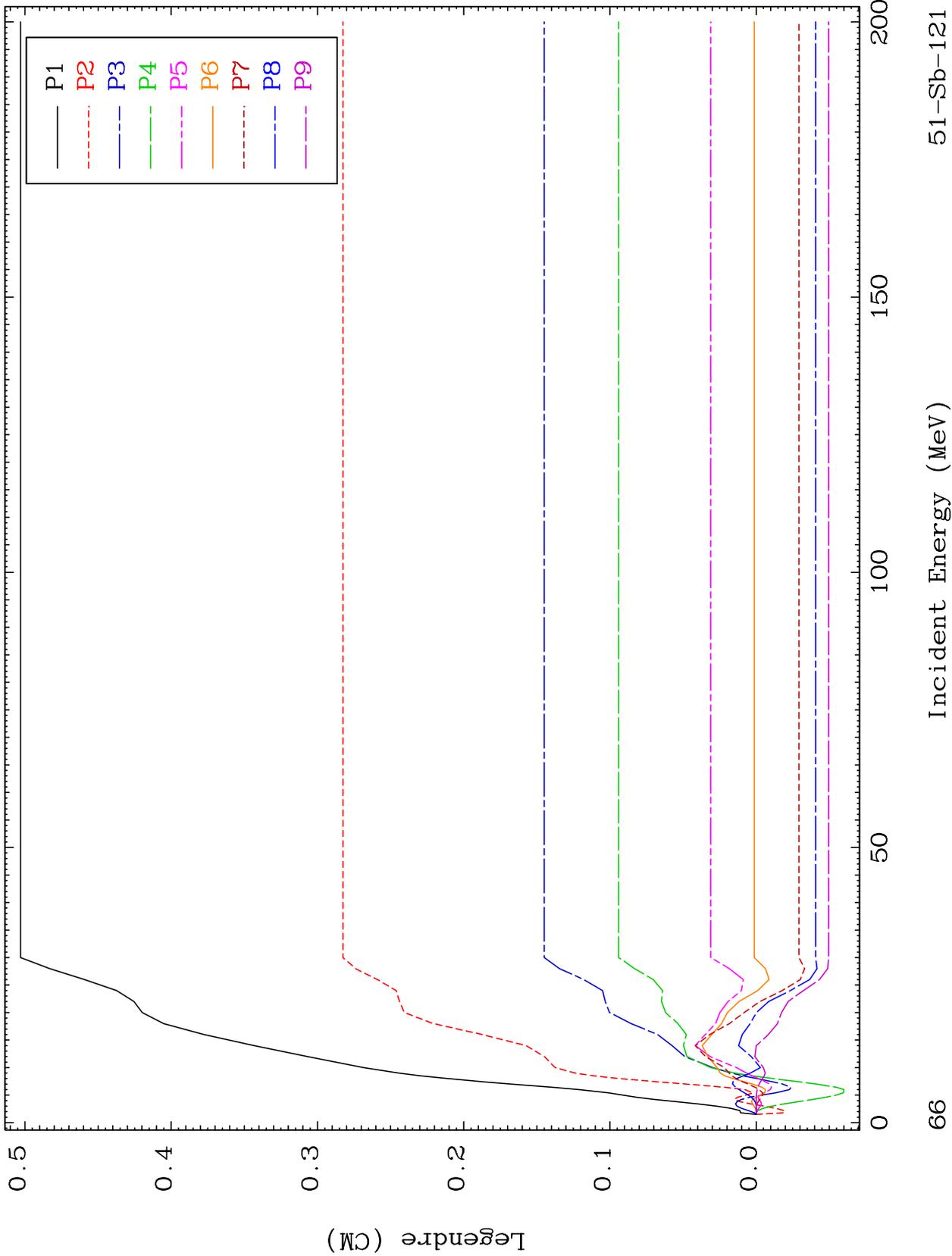
51-Sb-121



MAT 5125

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

51-Sb-121



51-Sb-121

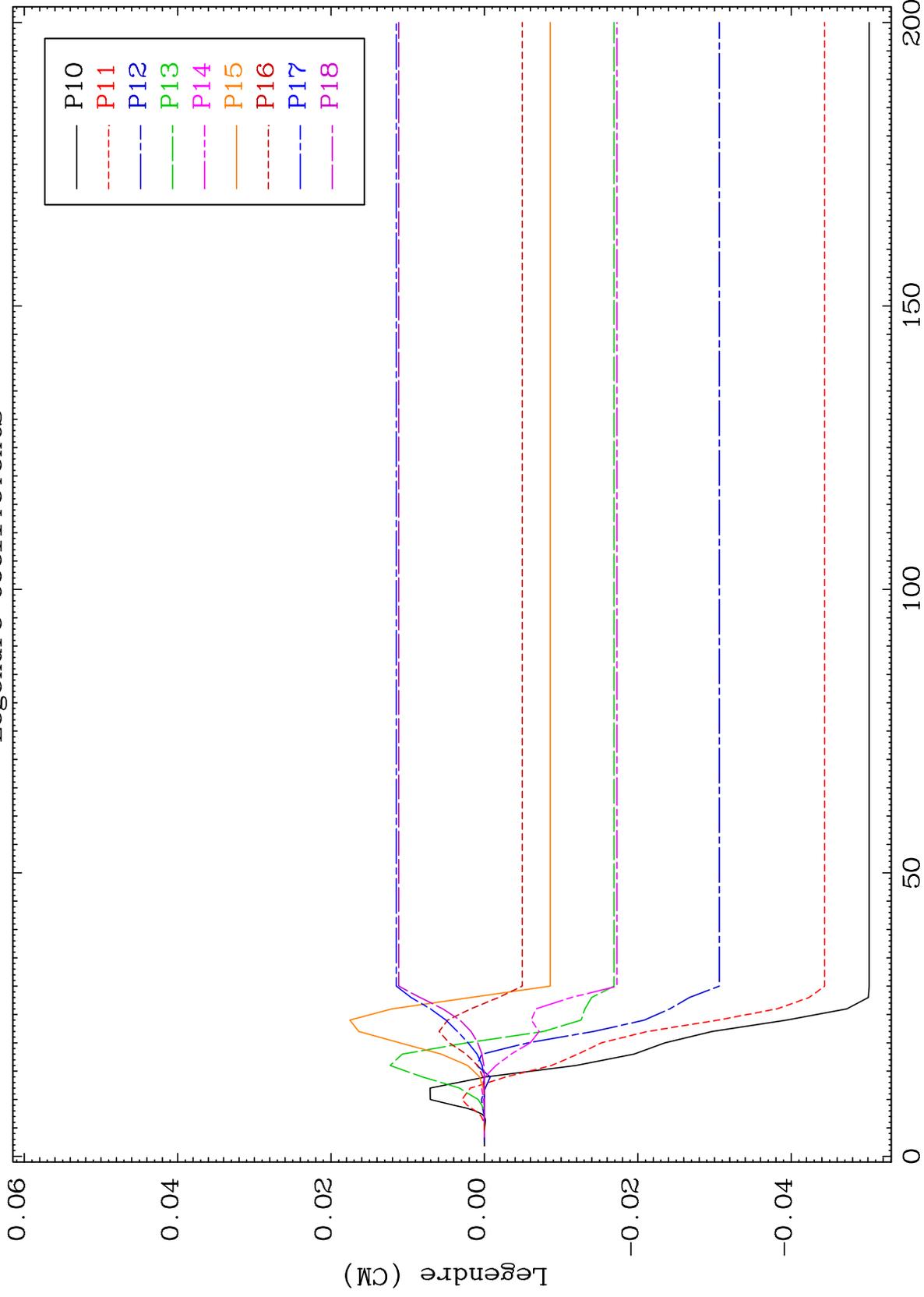
Incident Energy (MeV)

66

MAT 5125

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

51-Sb-121



67

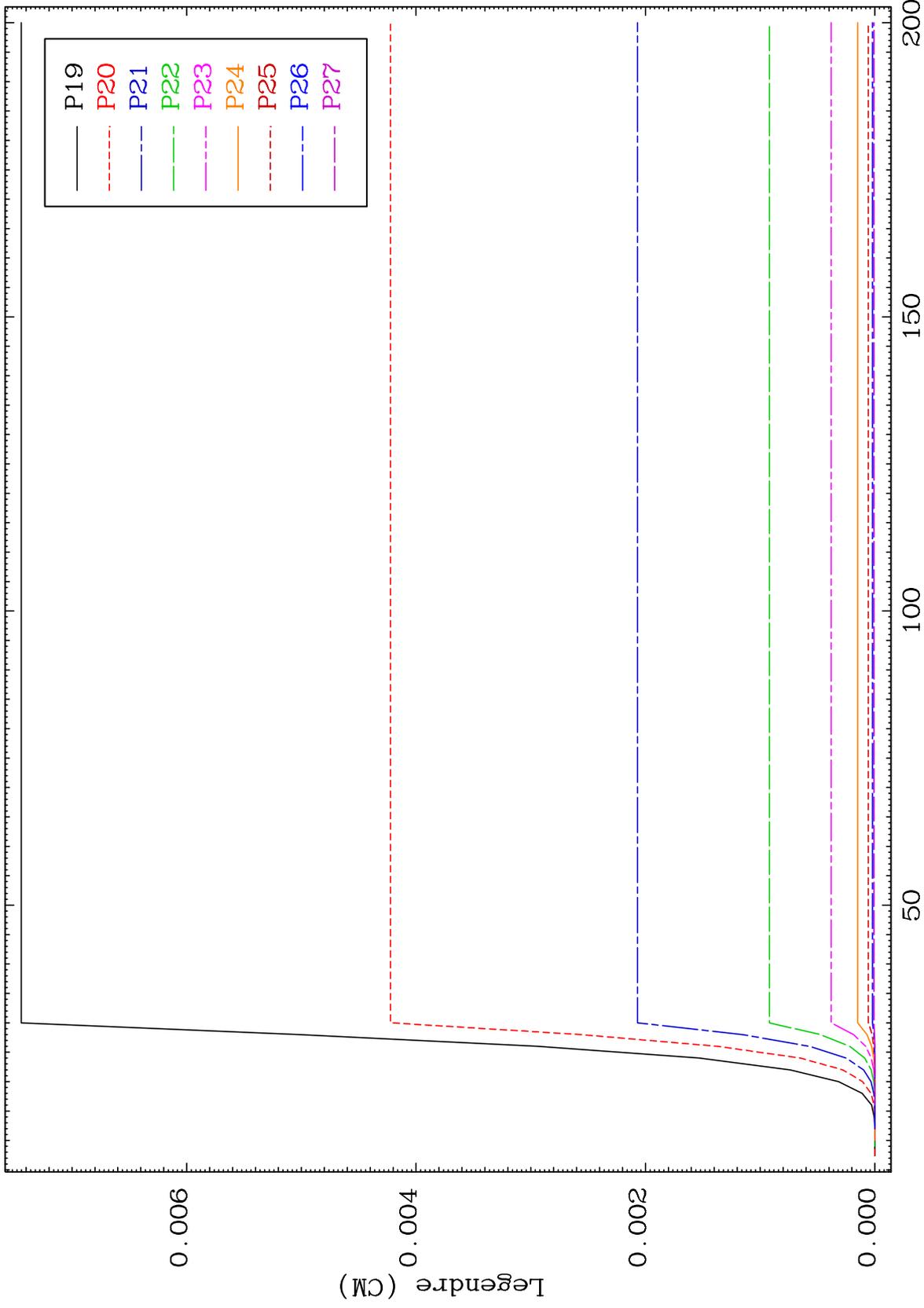
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



68

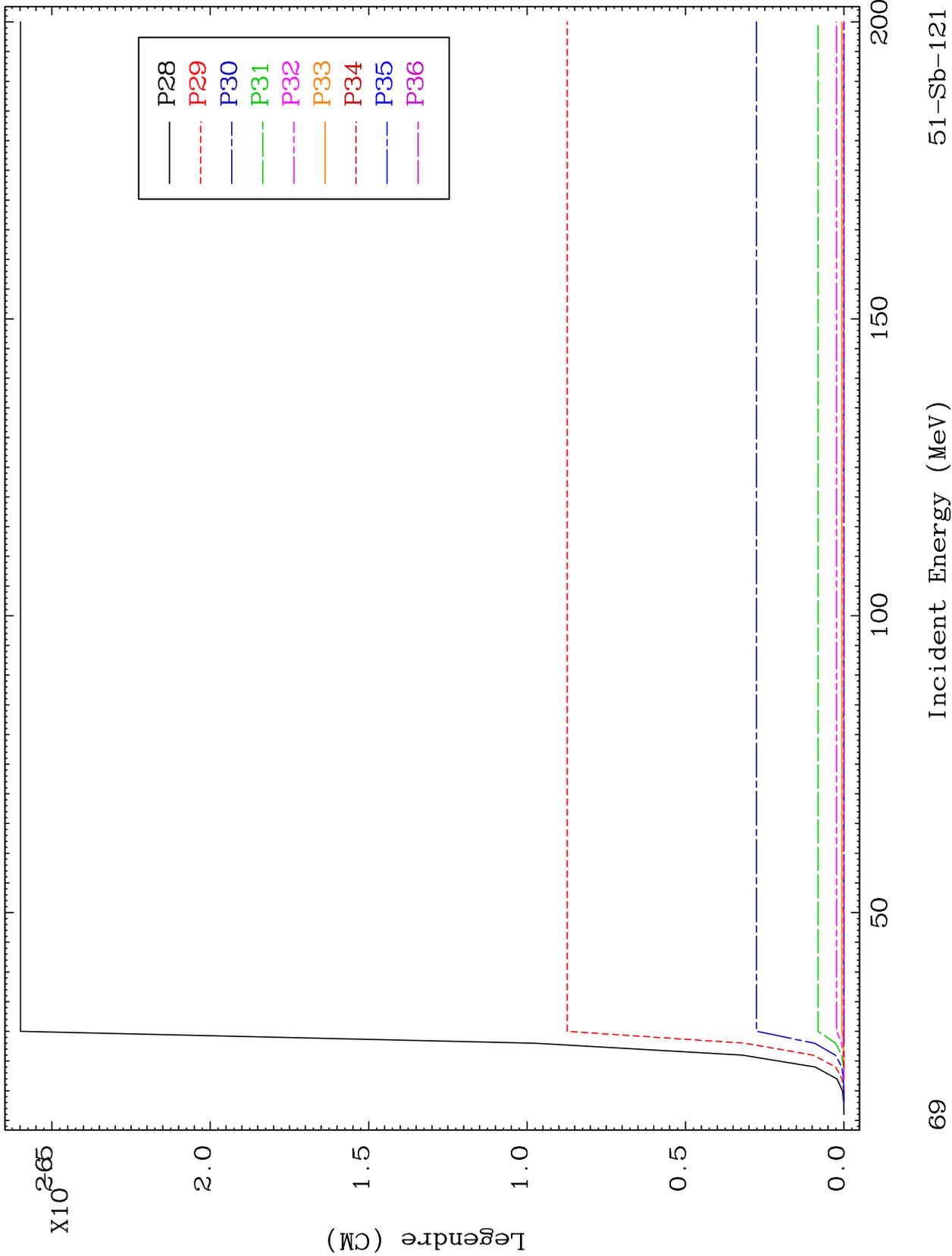
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

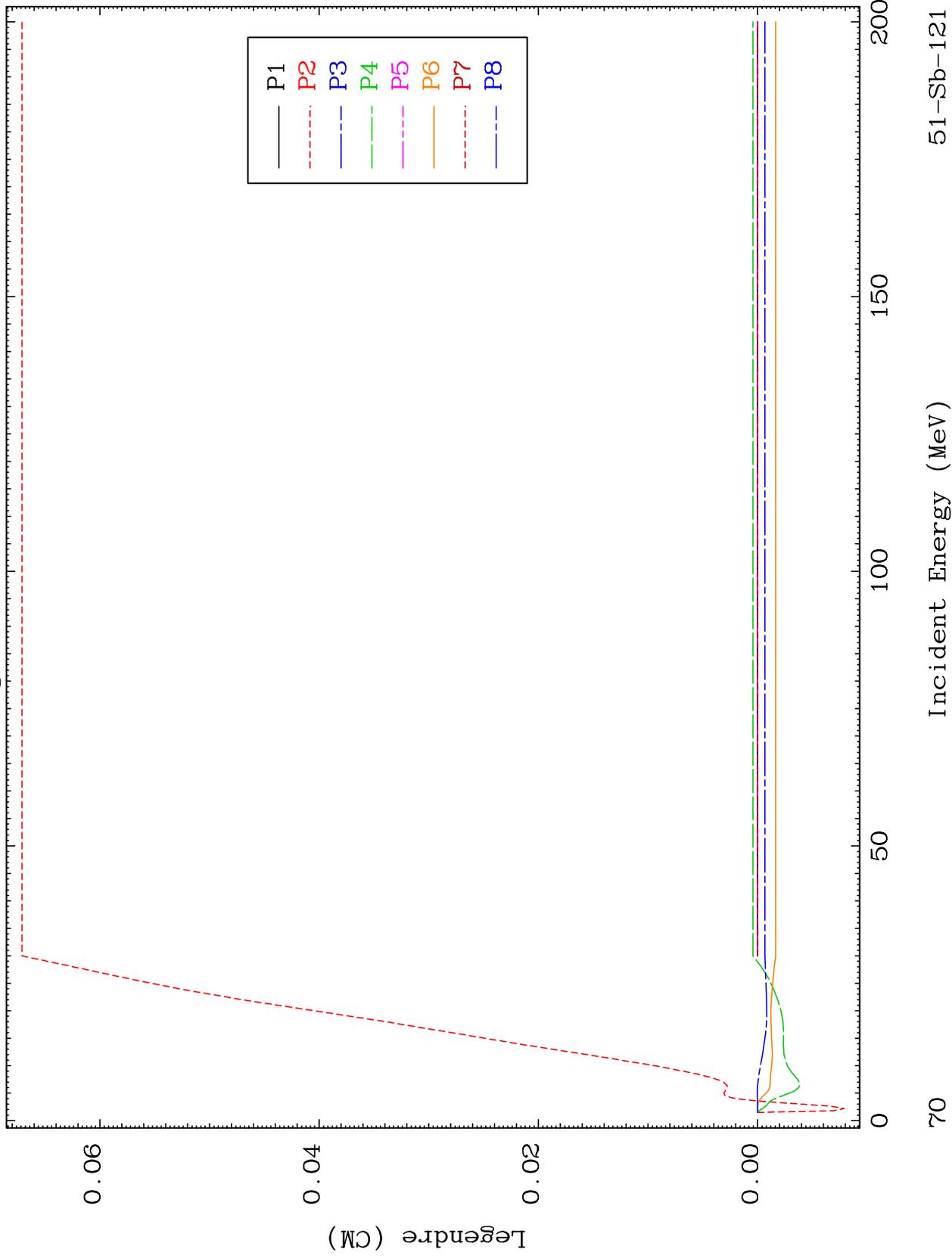
51-Sb-121



MAT 5125

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

51-Sb-121



51-Sb-121

Incident Energy (MeV)

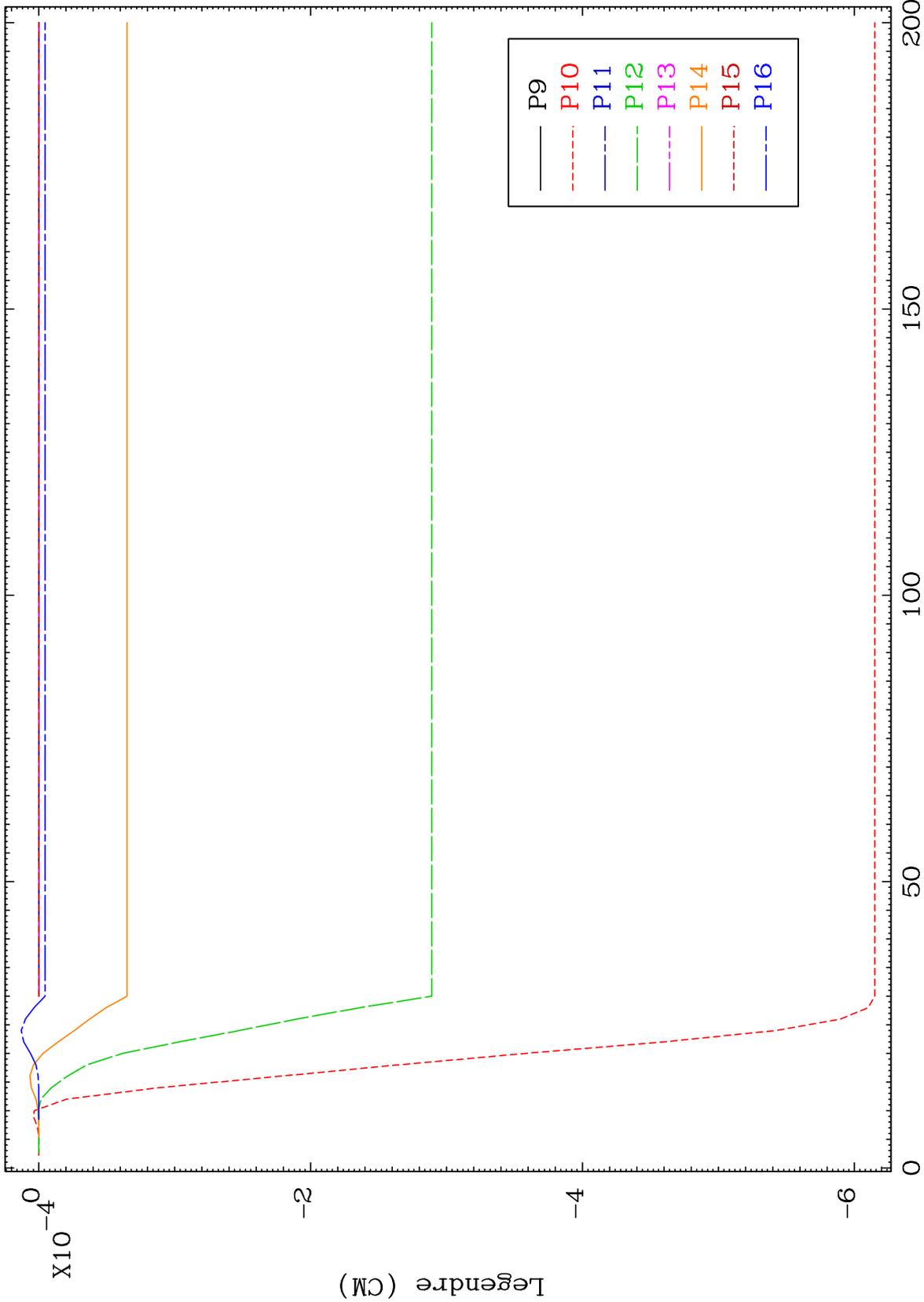
70

MAT 5125

MT= 65 (n,n') Level

51-Sb-121

Legendre Coefficients

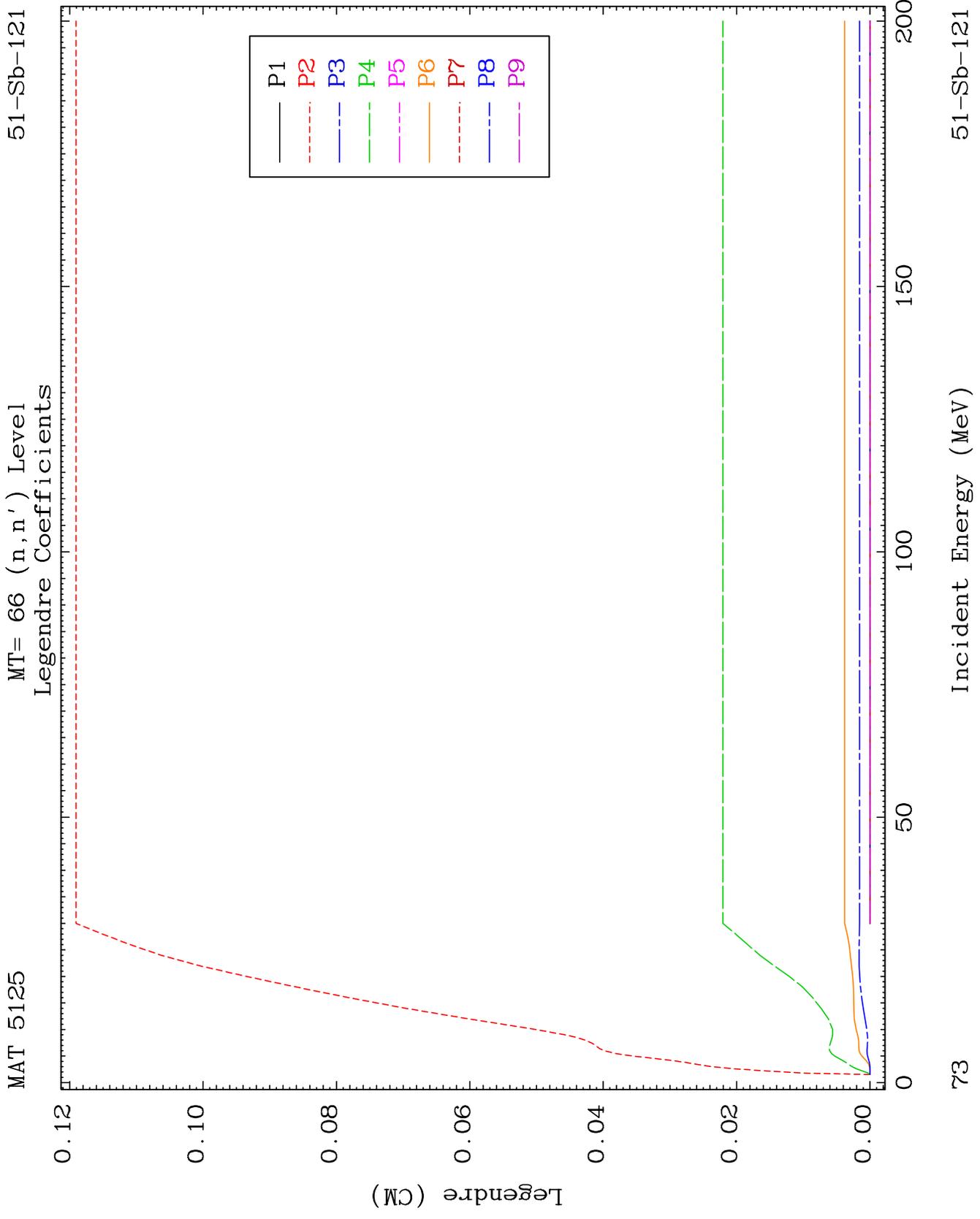


71

Incident Energy (MeV)

51-Sb-121



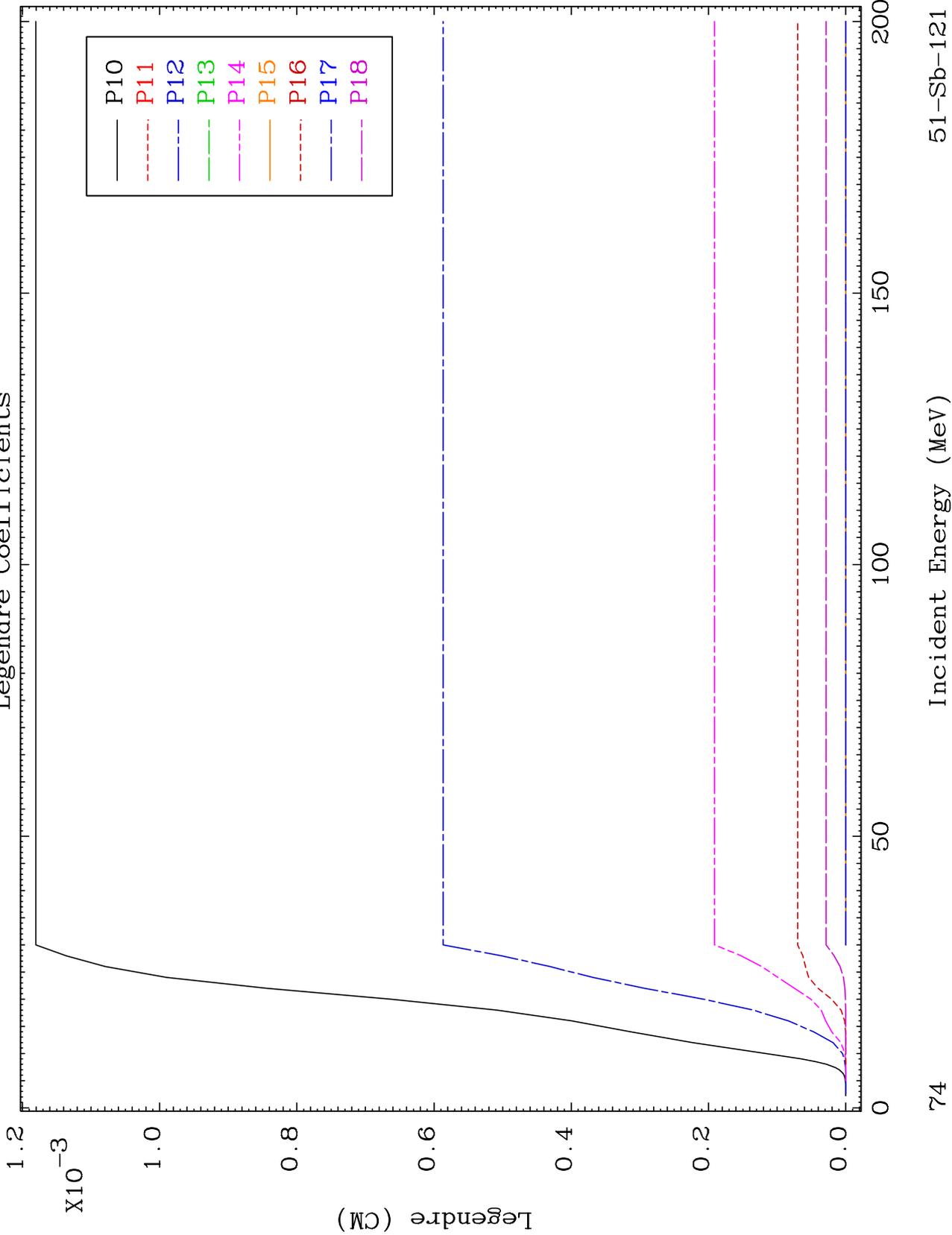


MAT 5125

MT= 66 (n,n') Level

51-Sb-121

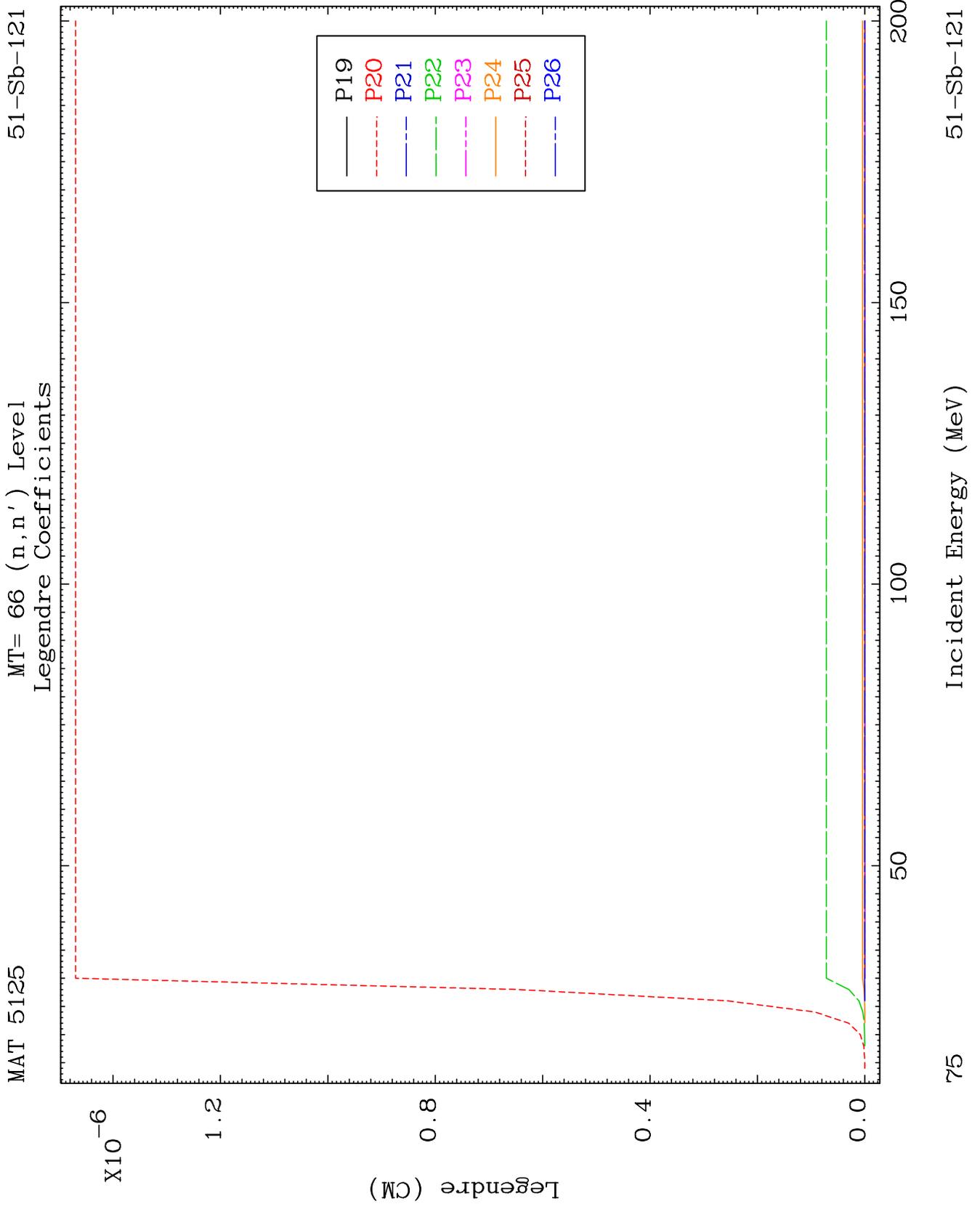
Legendre Coefficients



74

Incident Energy (MeV)

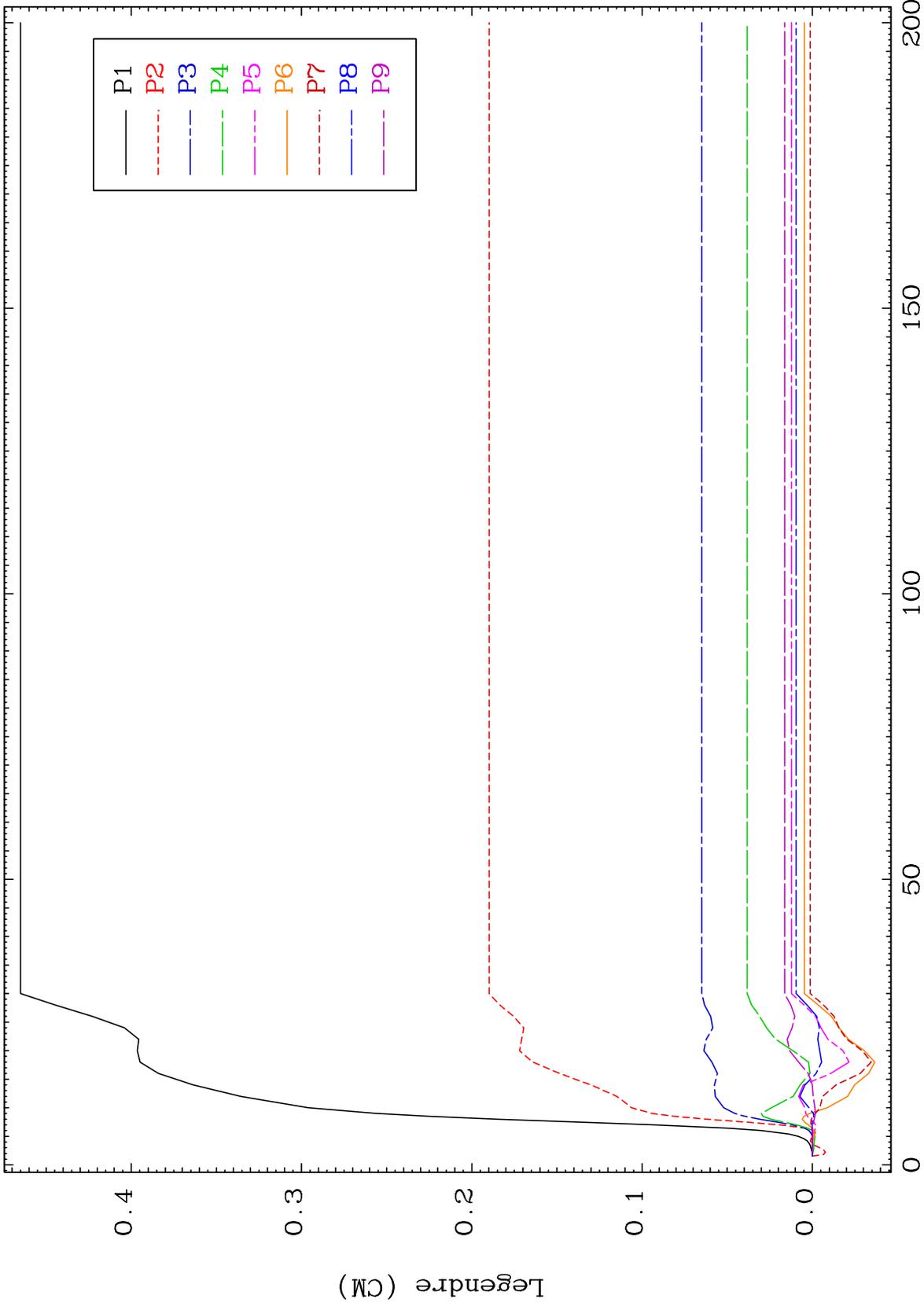
51-Sb-121



MAT 5125

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

51-Sb-121



76

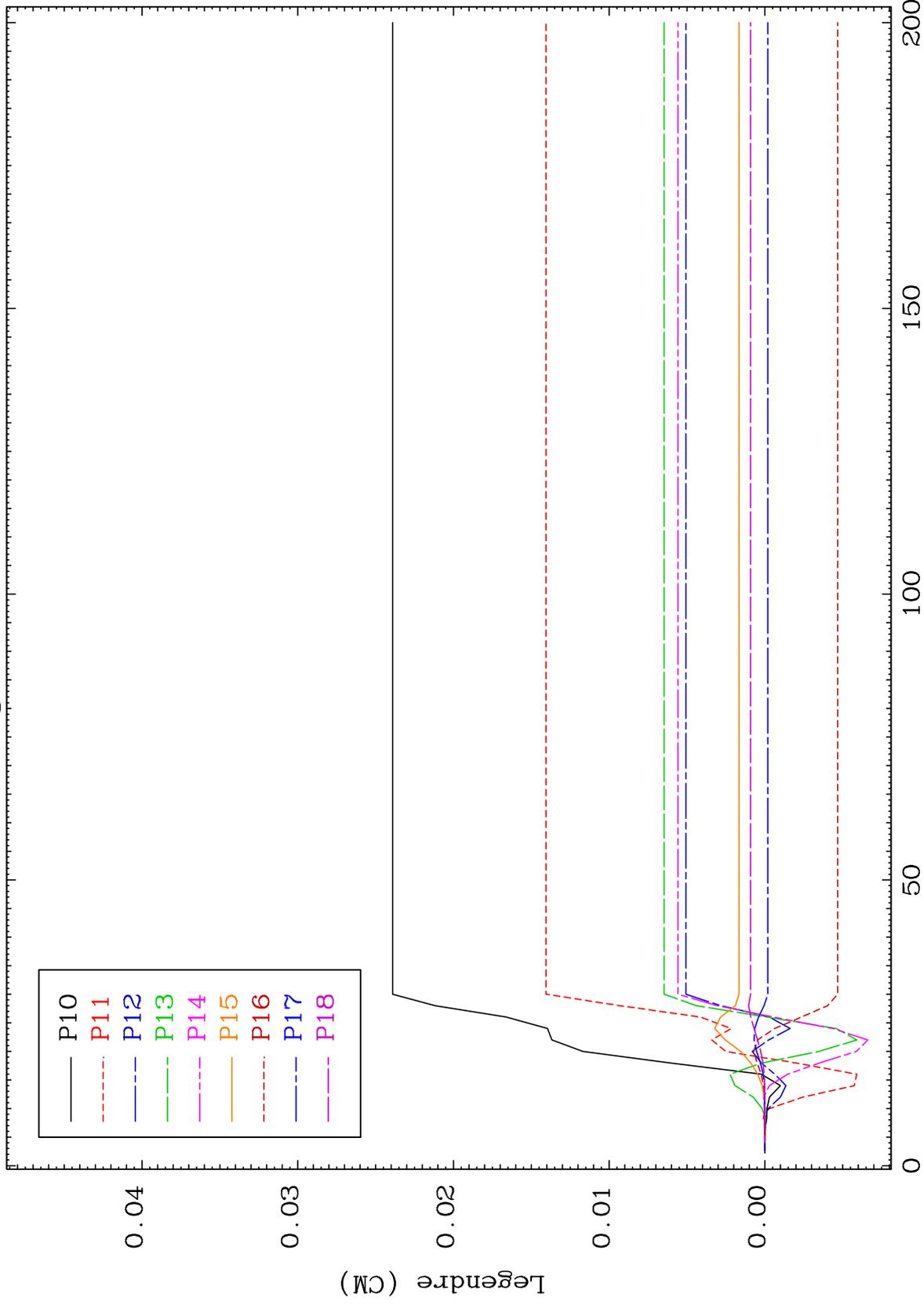
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



77

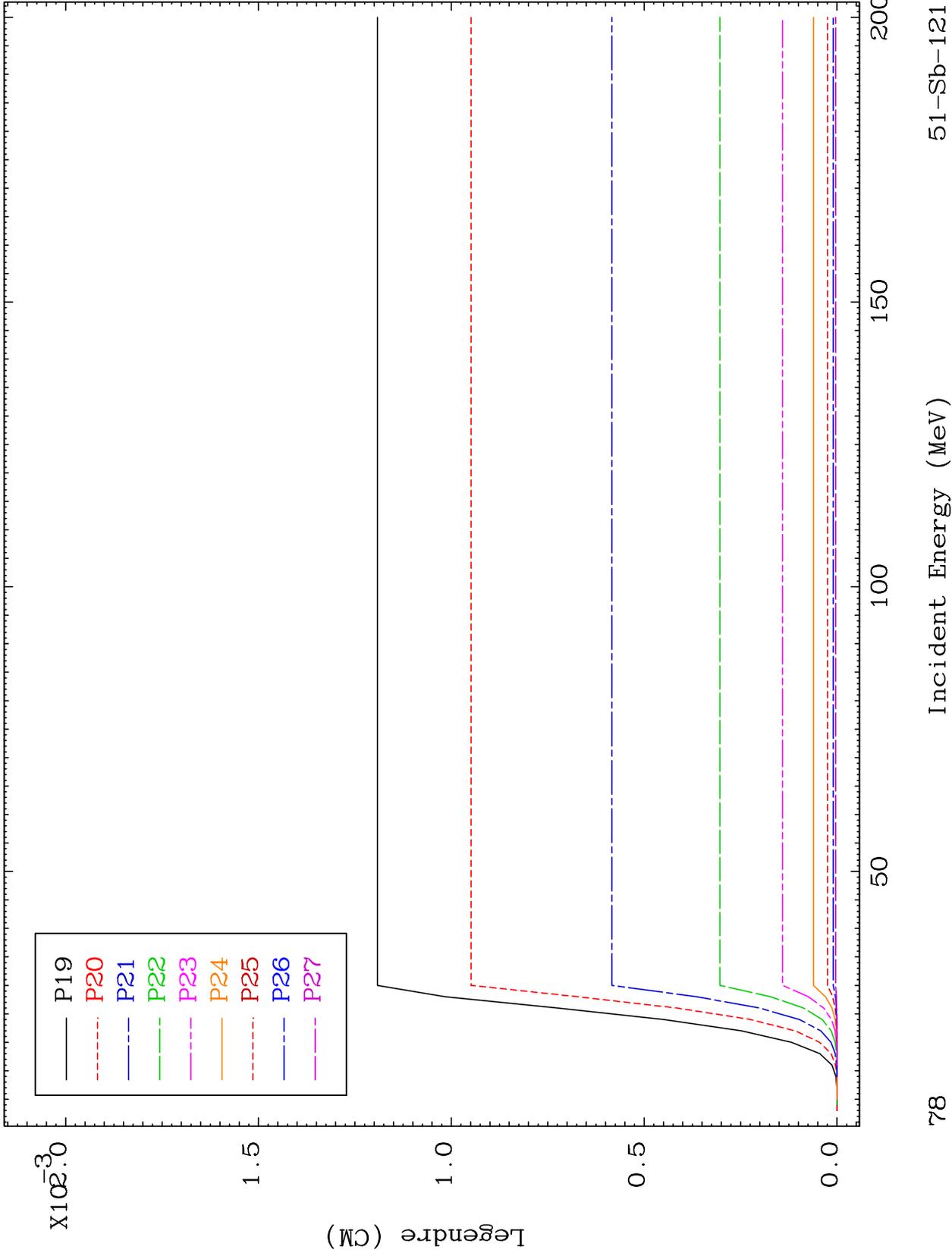
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



78

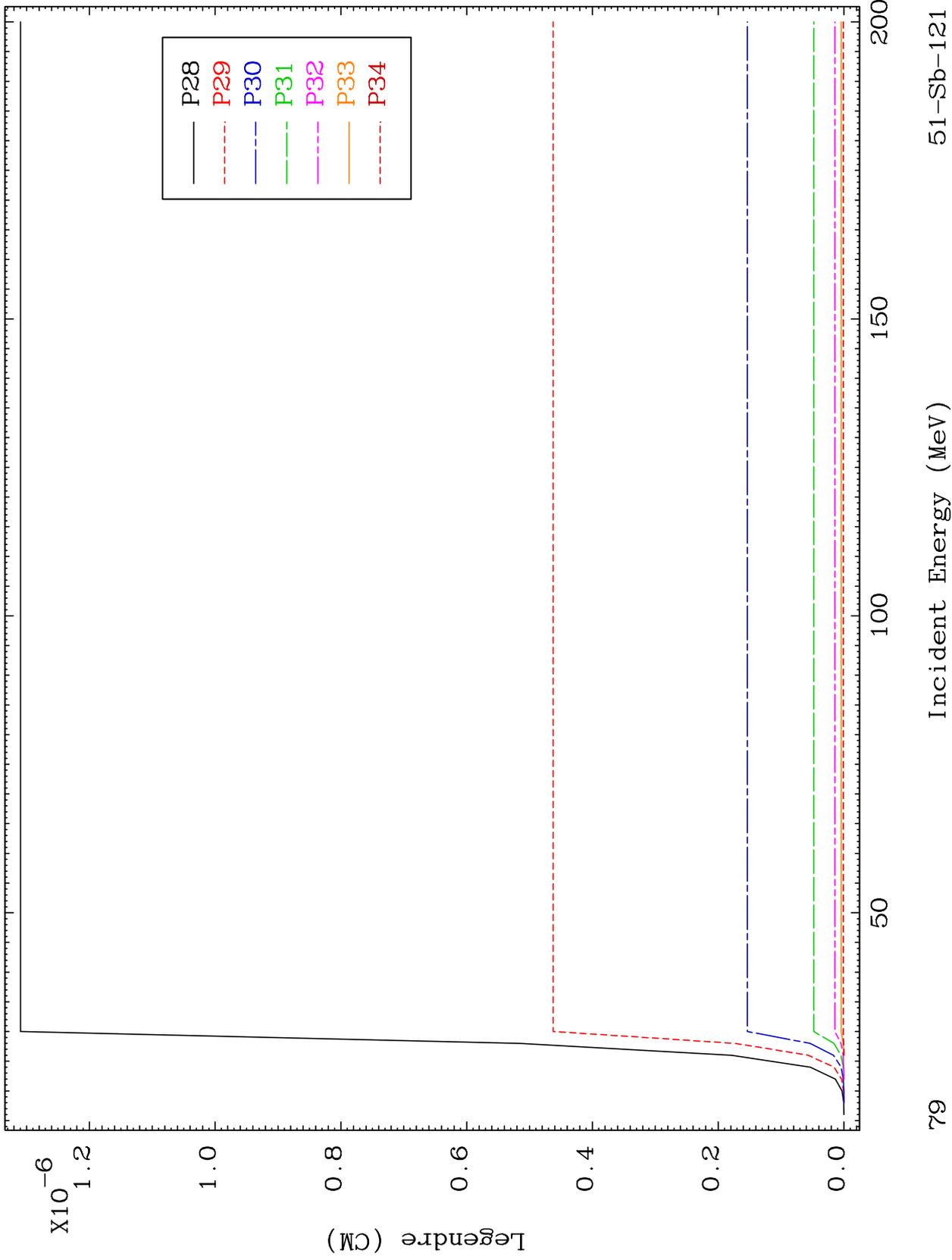
Incident Energy (MeV)

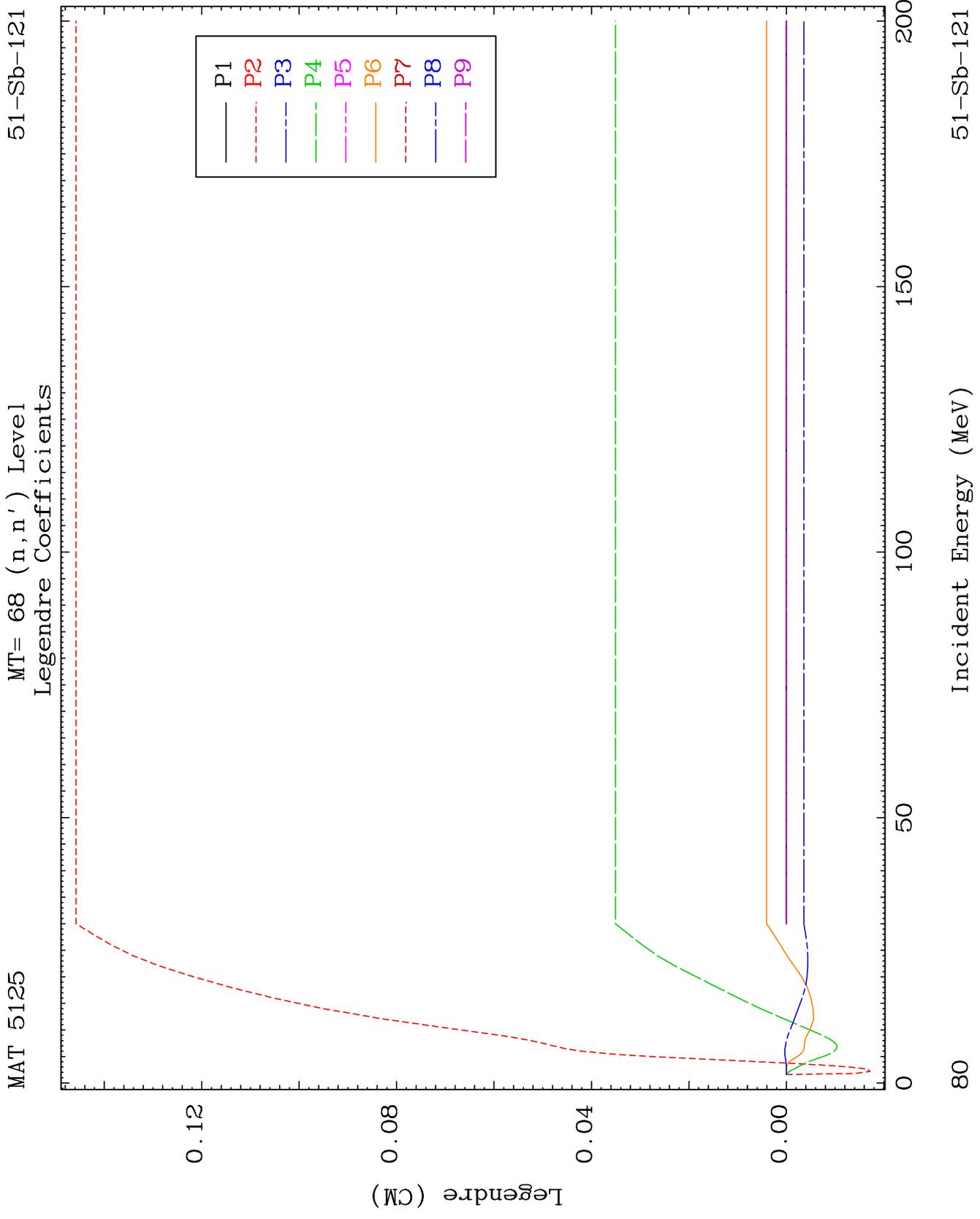
51-Sb-121

MAT 5125

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

51-Sb-121

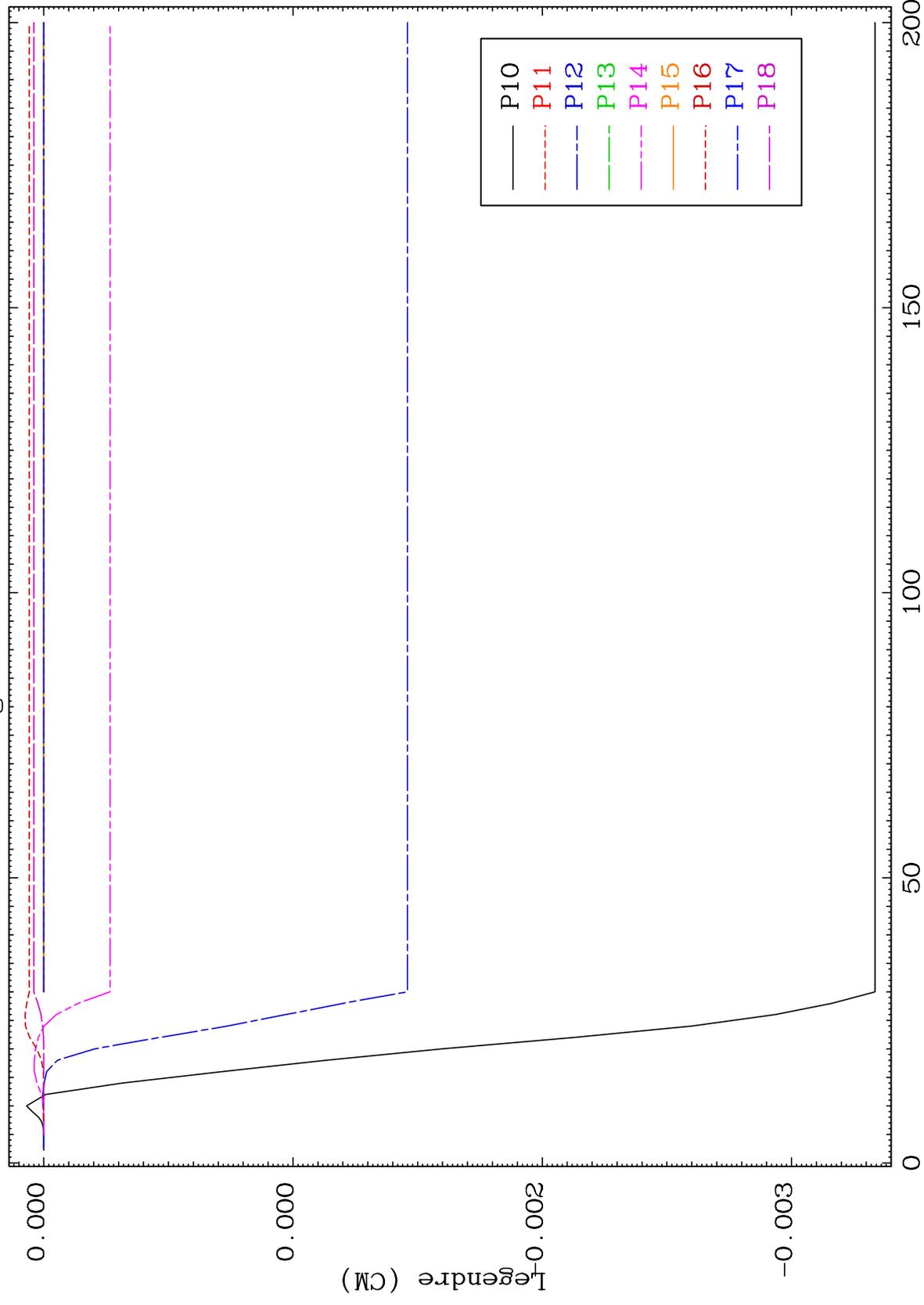




MAT 5125

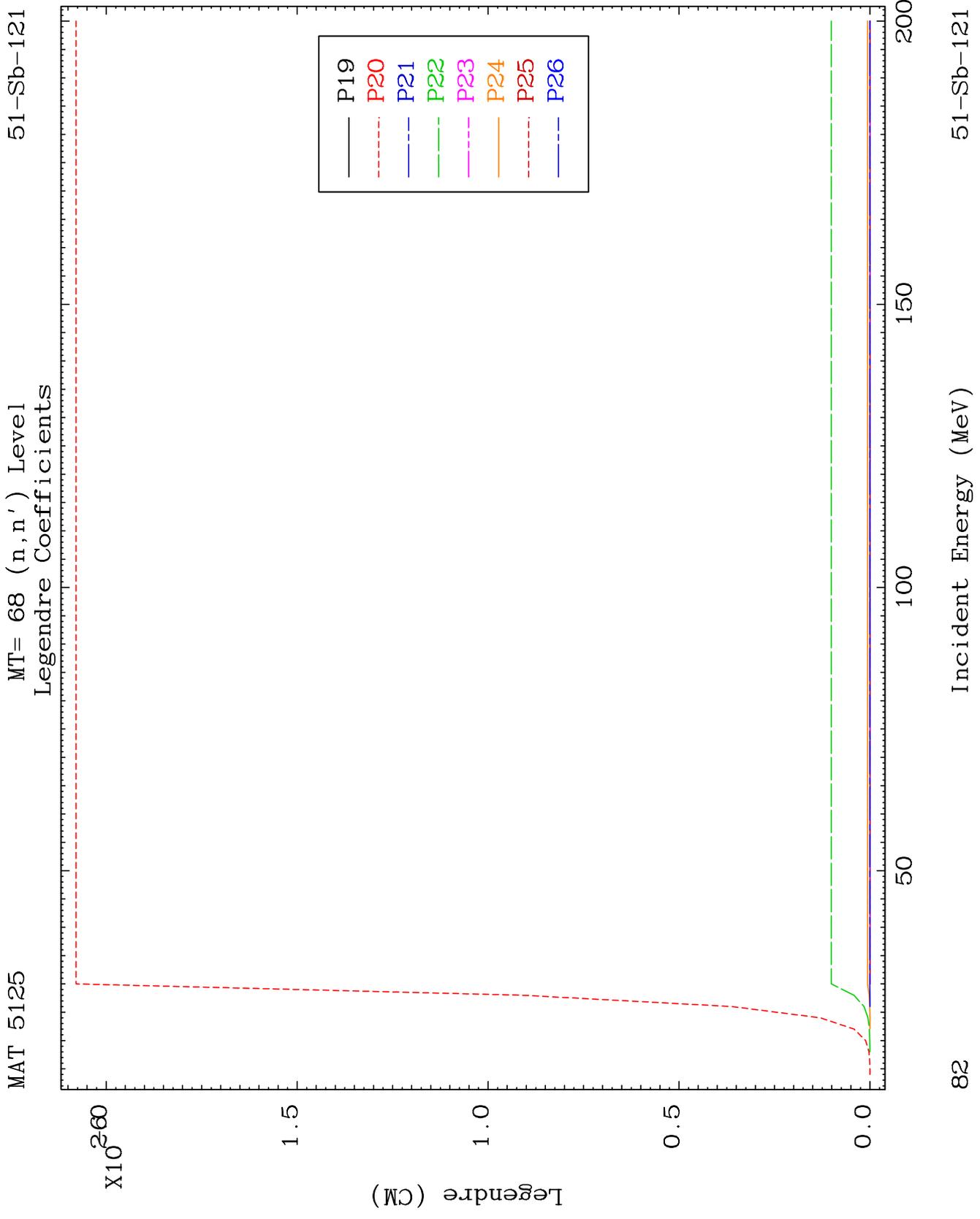
MT= 68 (n,n') Level  
Legendre Coefficients

51-Sb-121



81

51-Sb-121



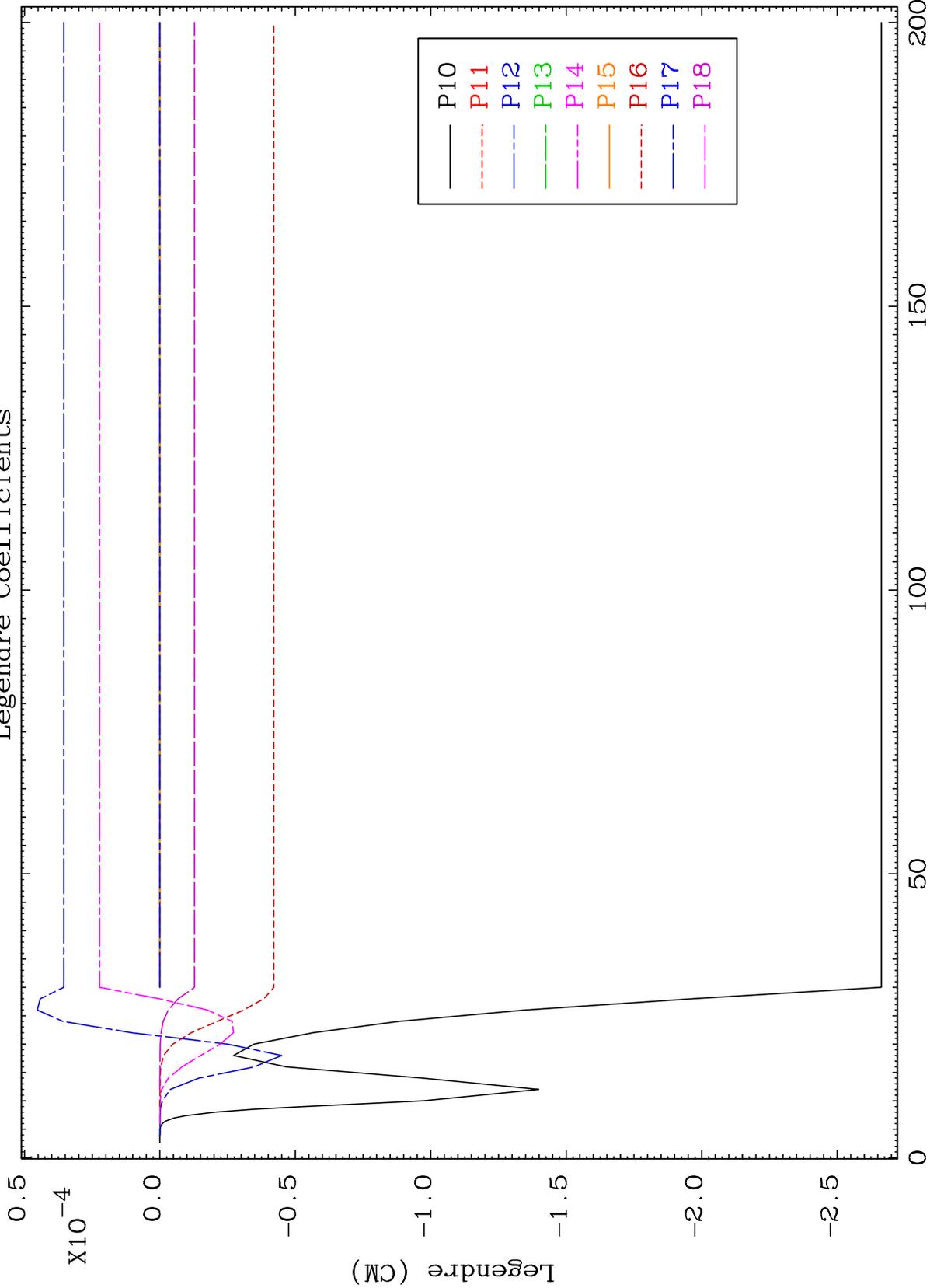


MAT 5125

MT= 69 (n,n') Level

51-Sb-121

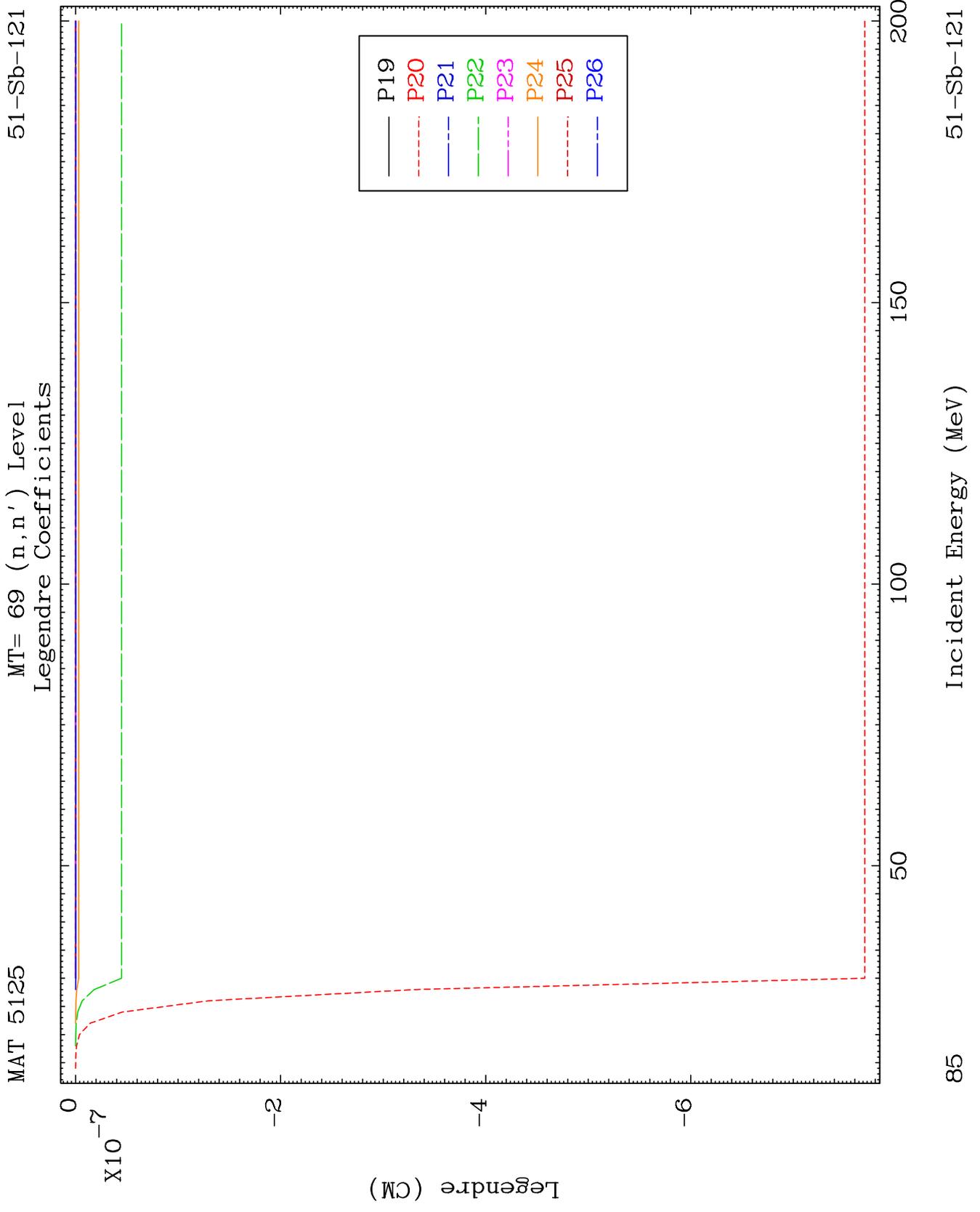
Legendre Coefficients

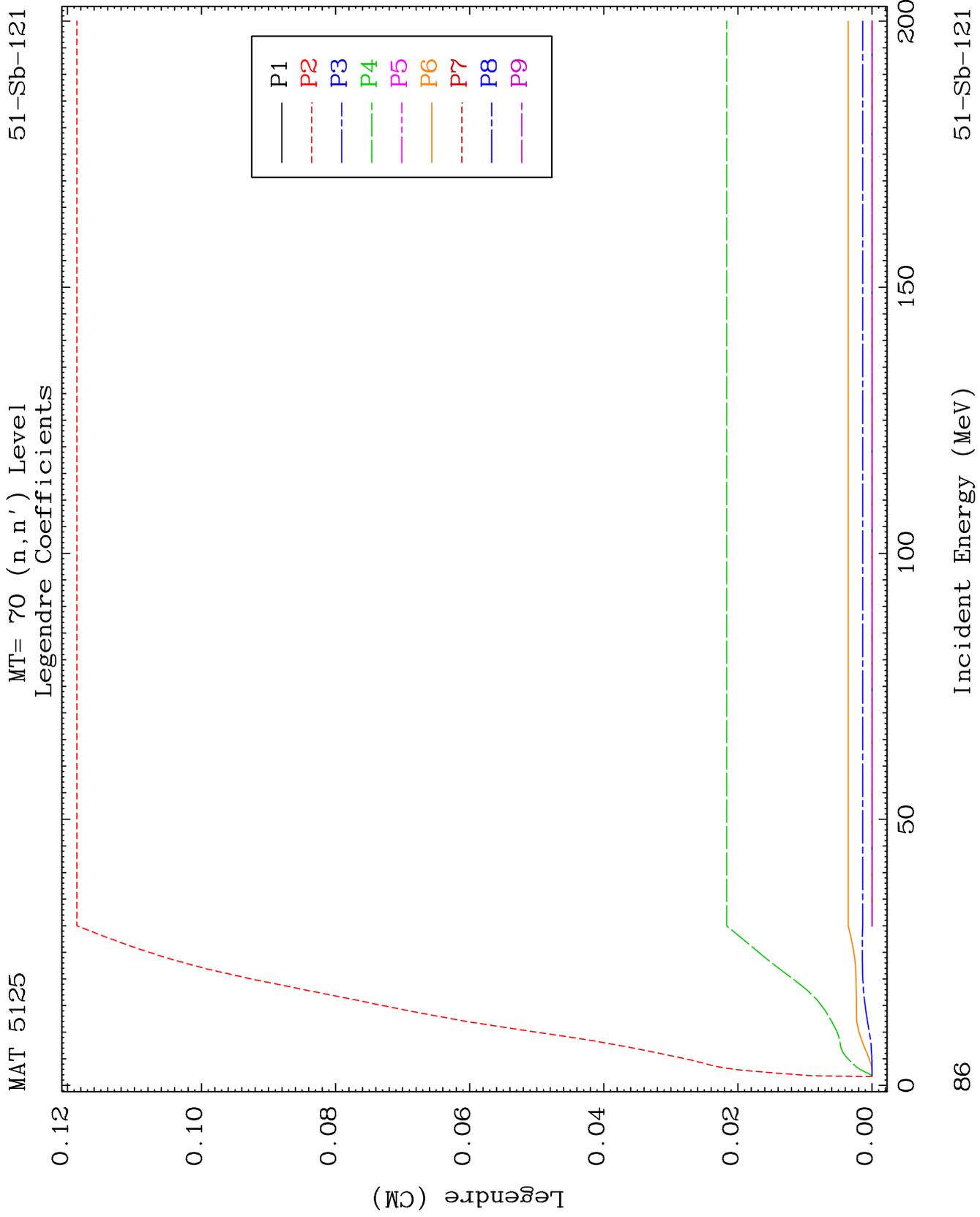


84

Incident Energy (MeV)

51-Sb-121

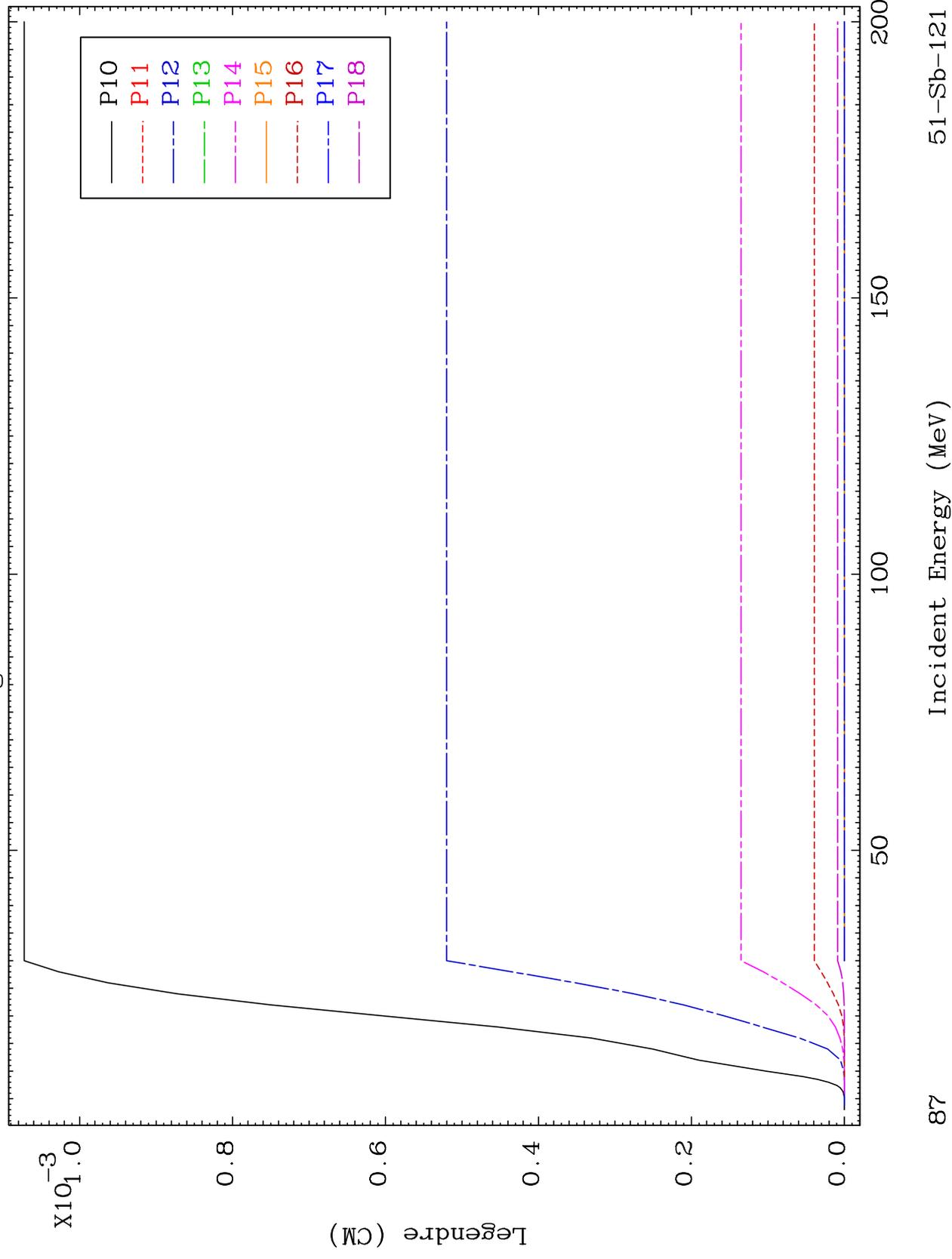




MAT 5125

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

51-Sb-121



87

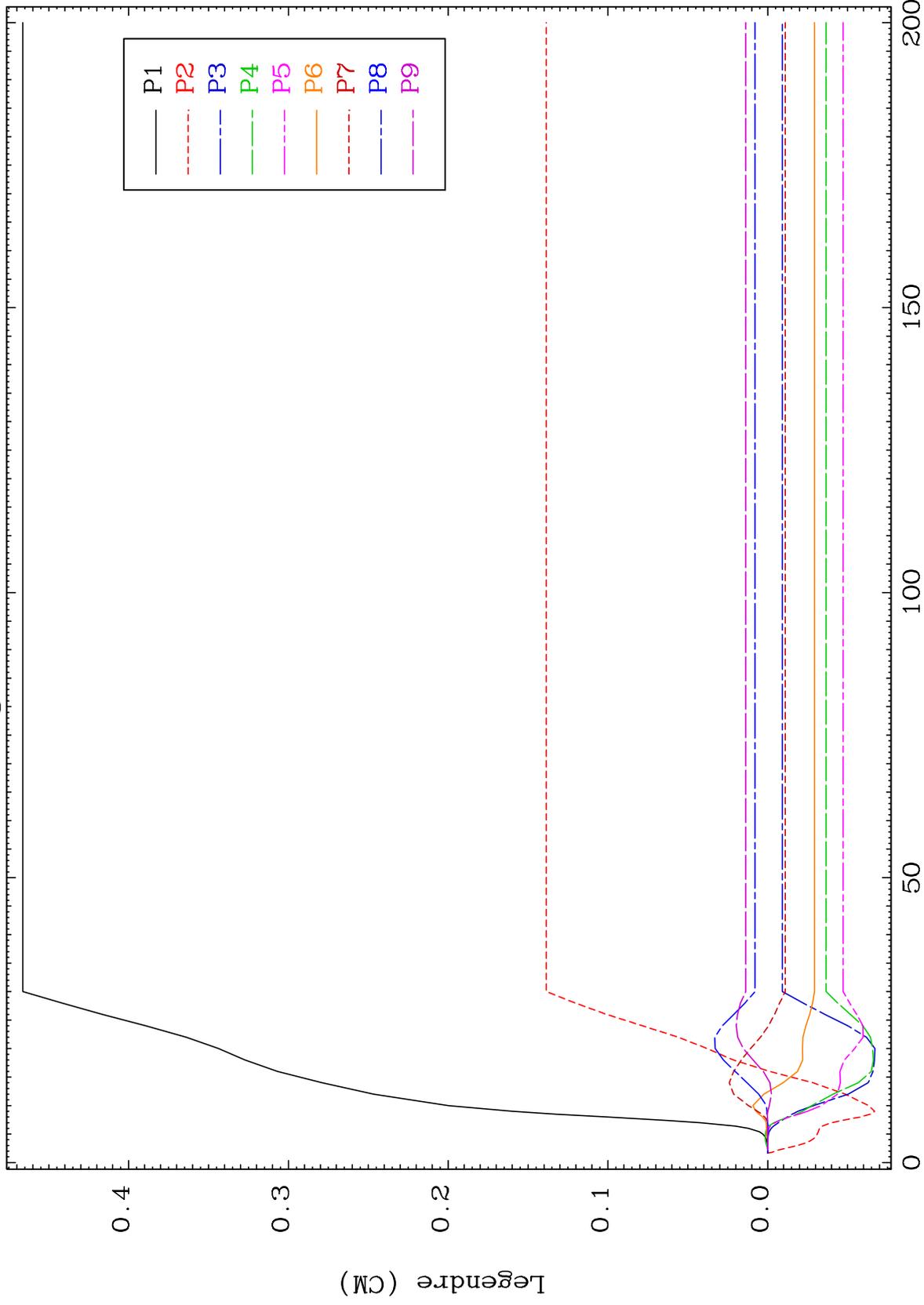
51-Sb-121



MAT 5125

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

51-Sb-121



51-Sb-121

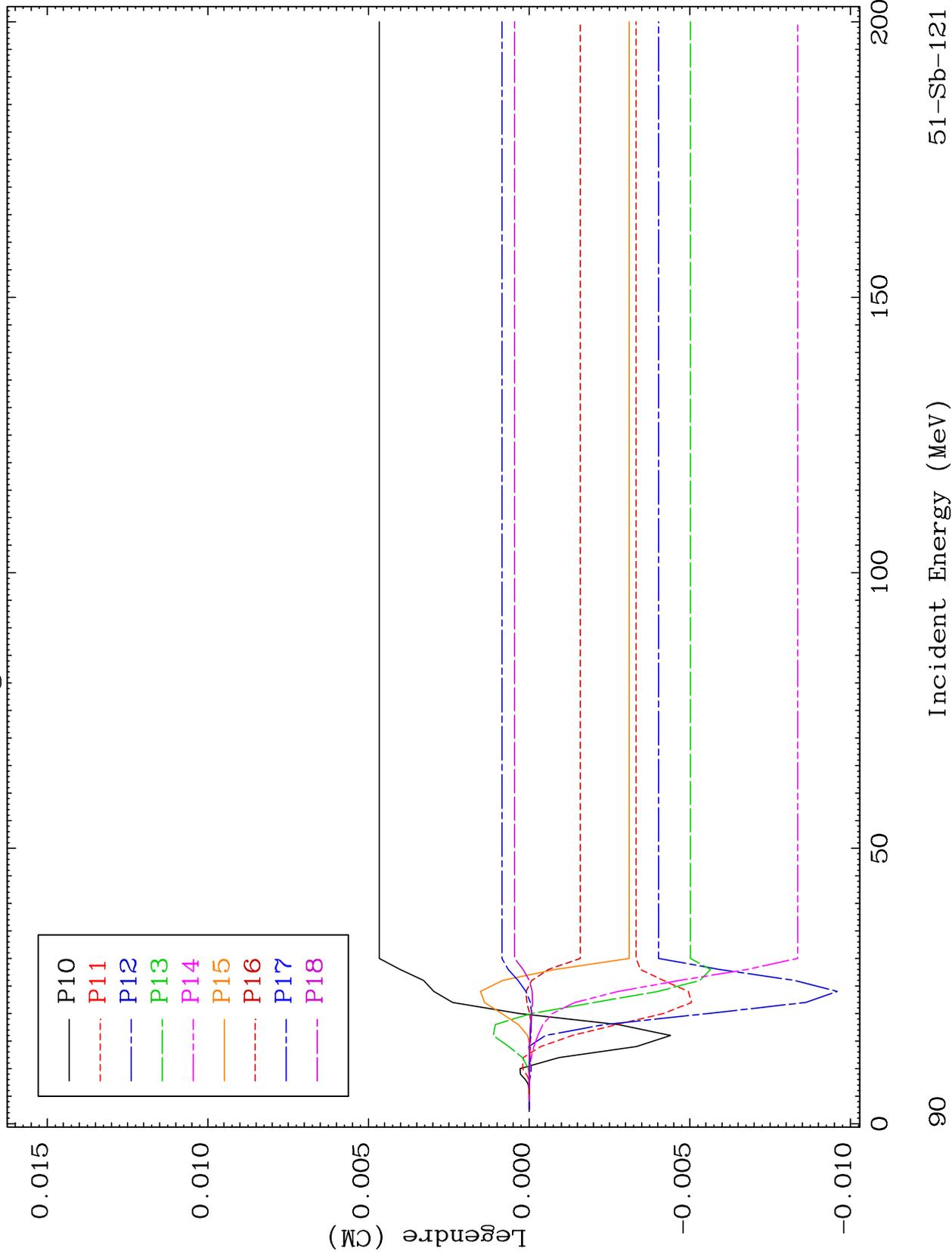
Incident Energy (MeV)

89

MAT 5125

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

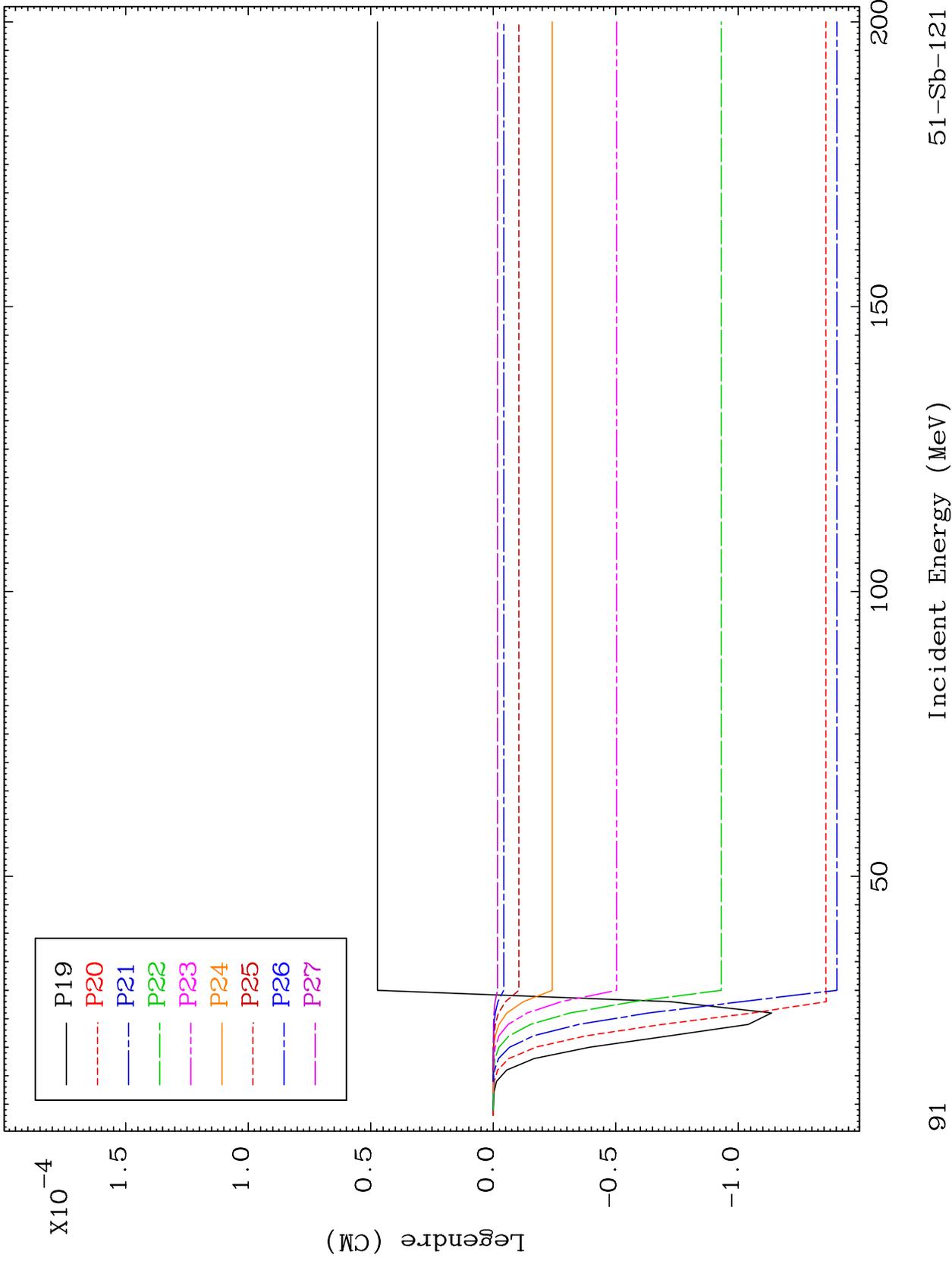
51-Sb-121

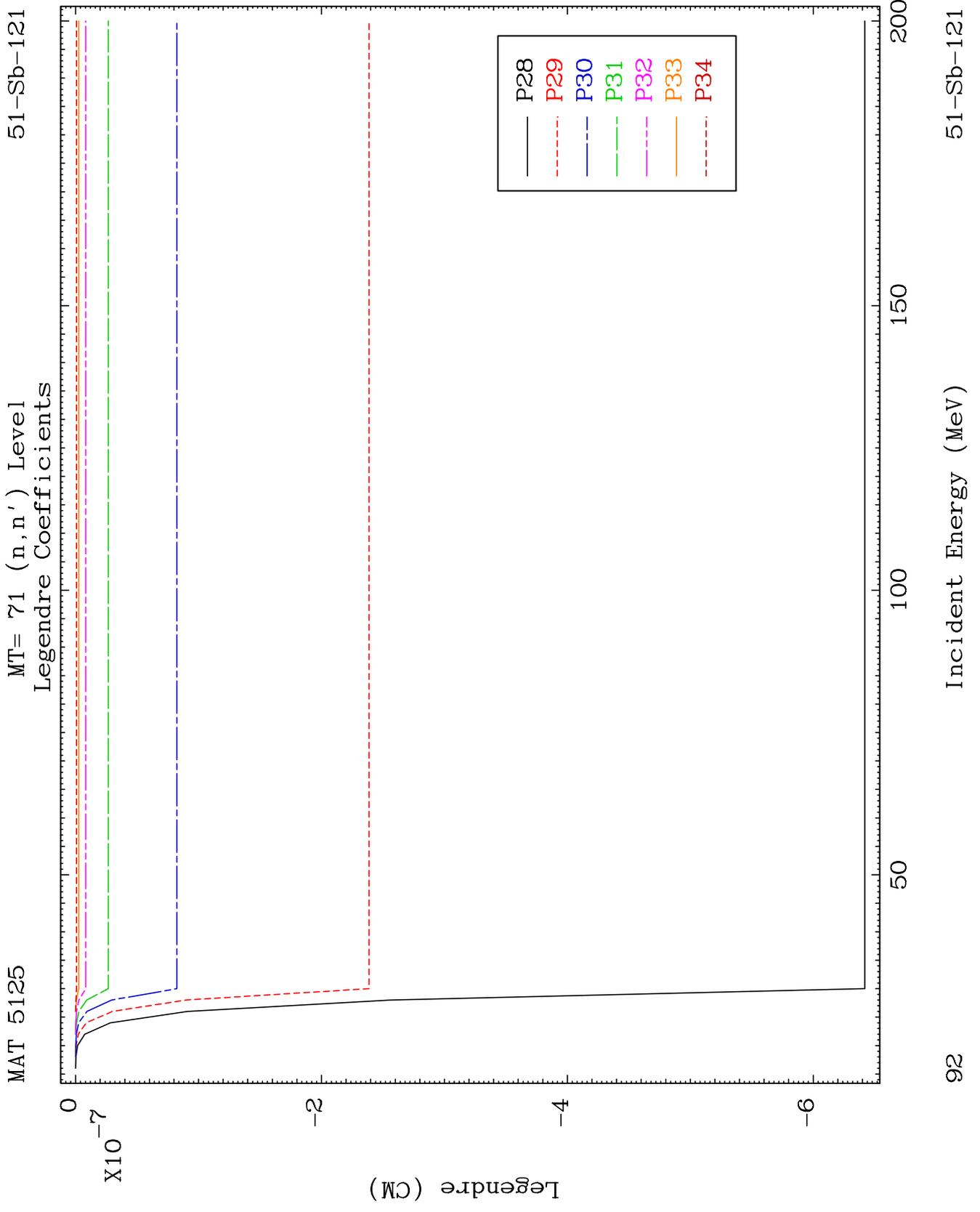


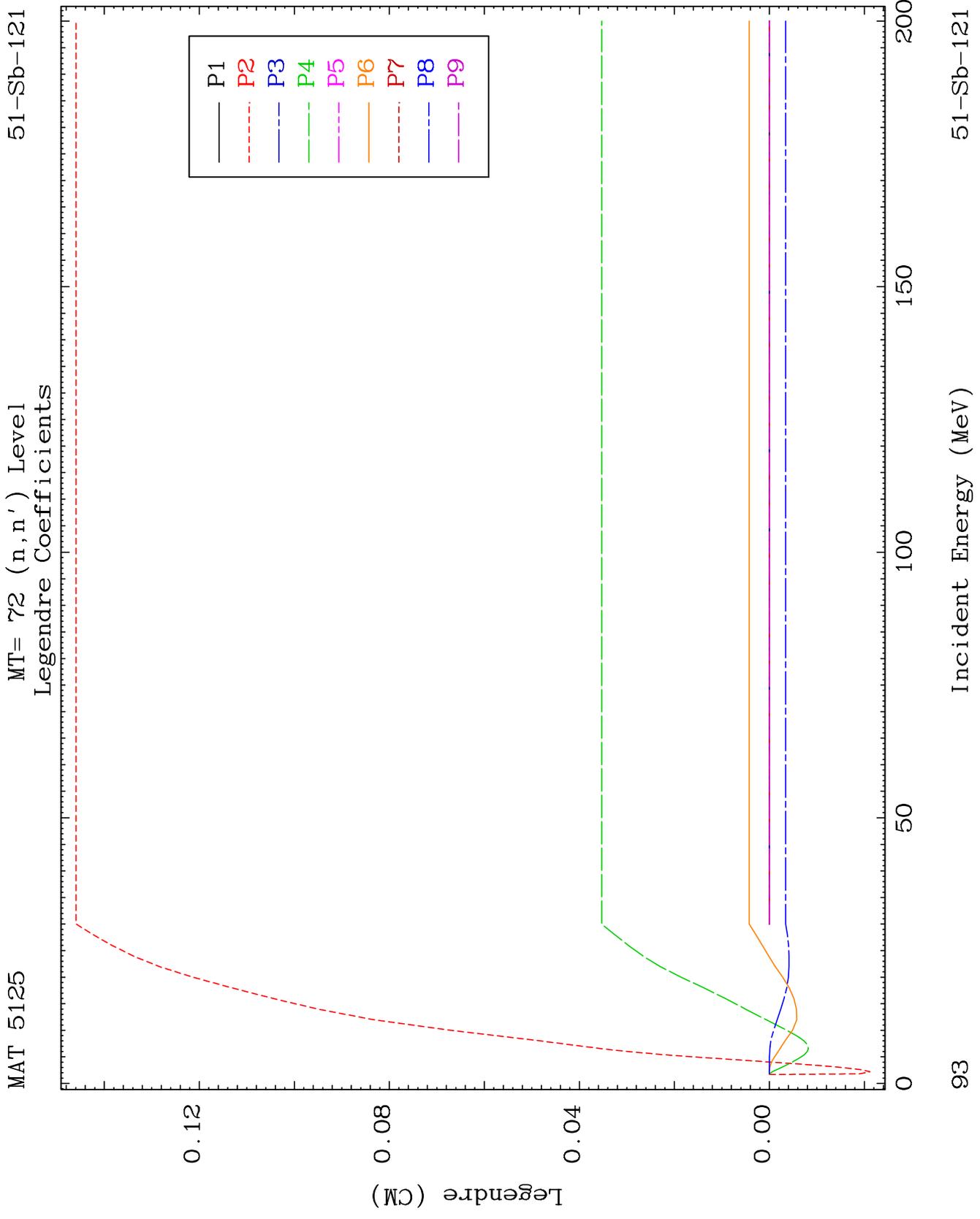
51-Sb-121

Incident Energy (MeV)

90

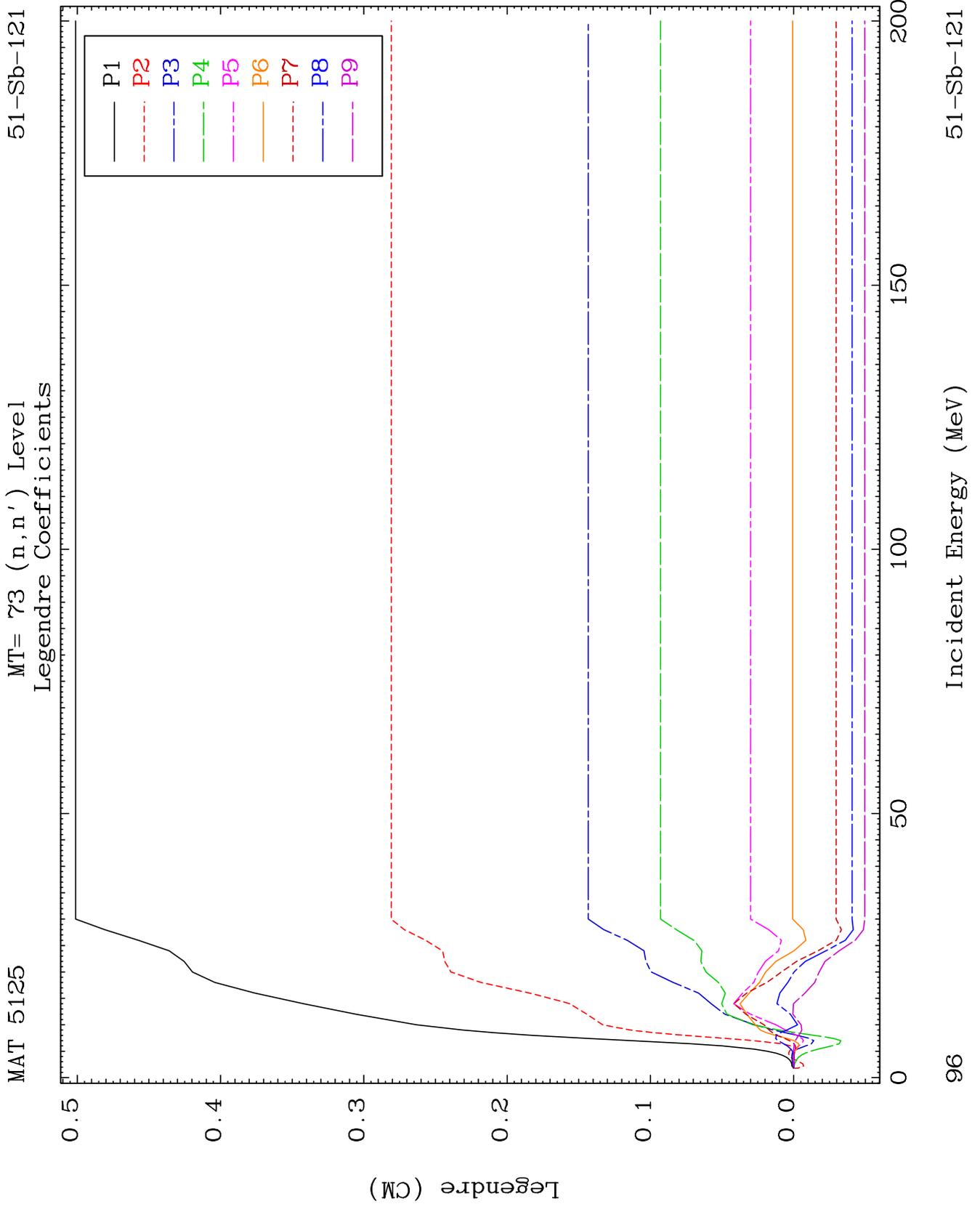








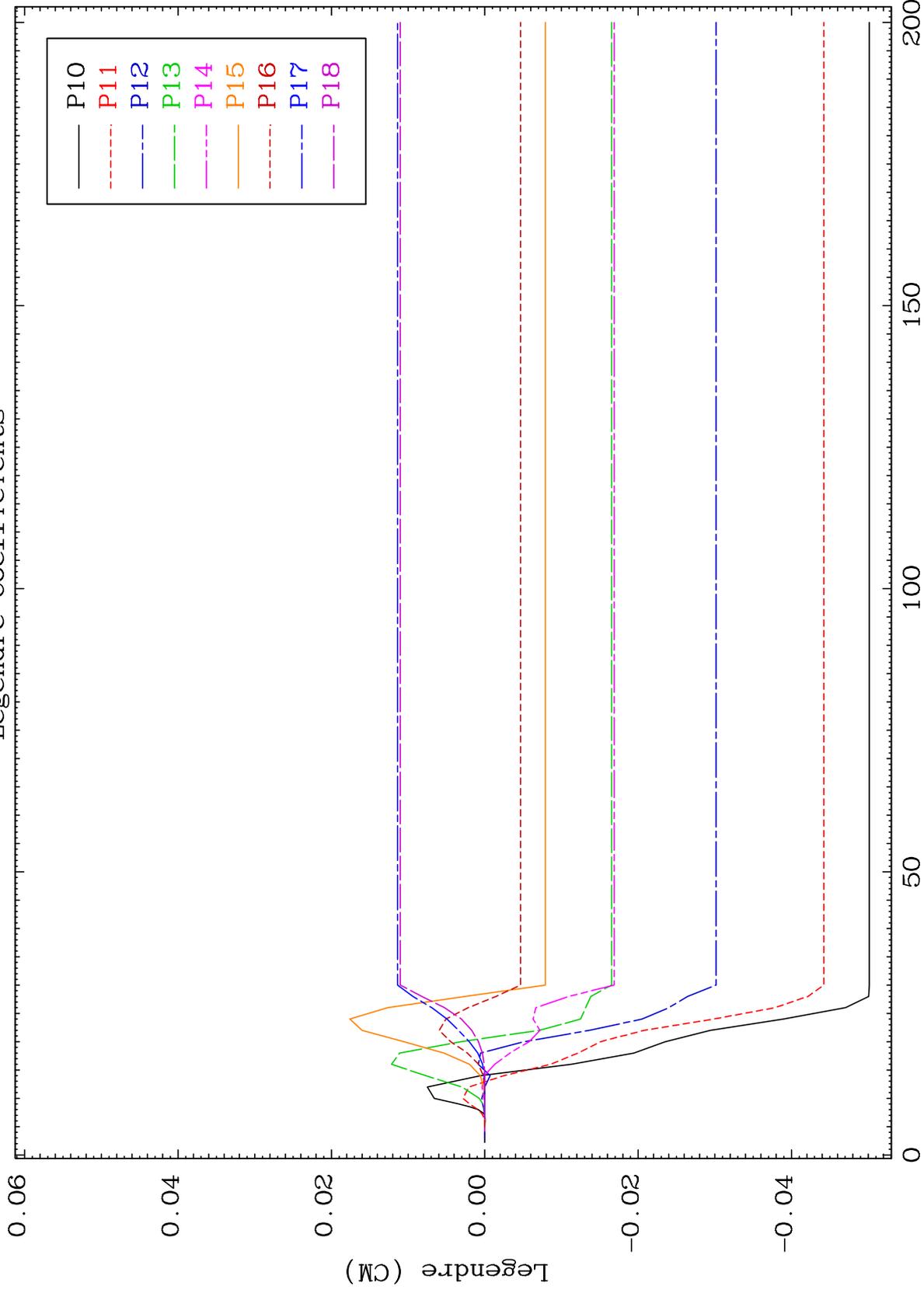




MAT 5125

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

51-Sb-121



97

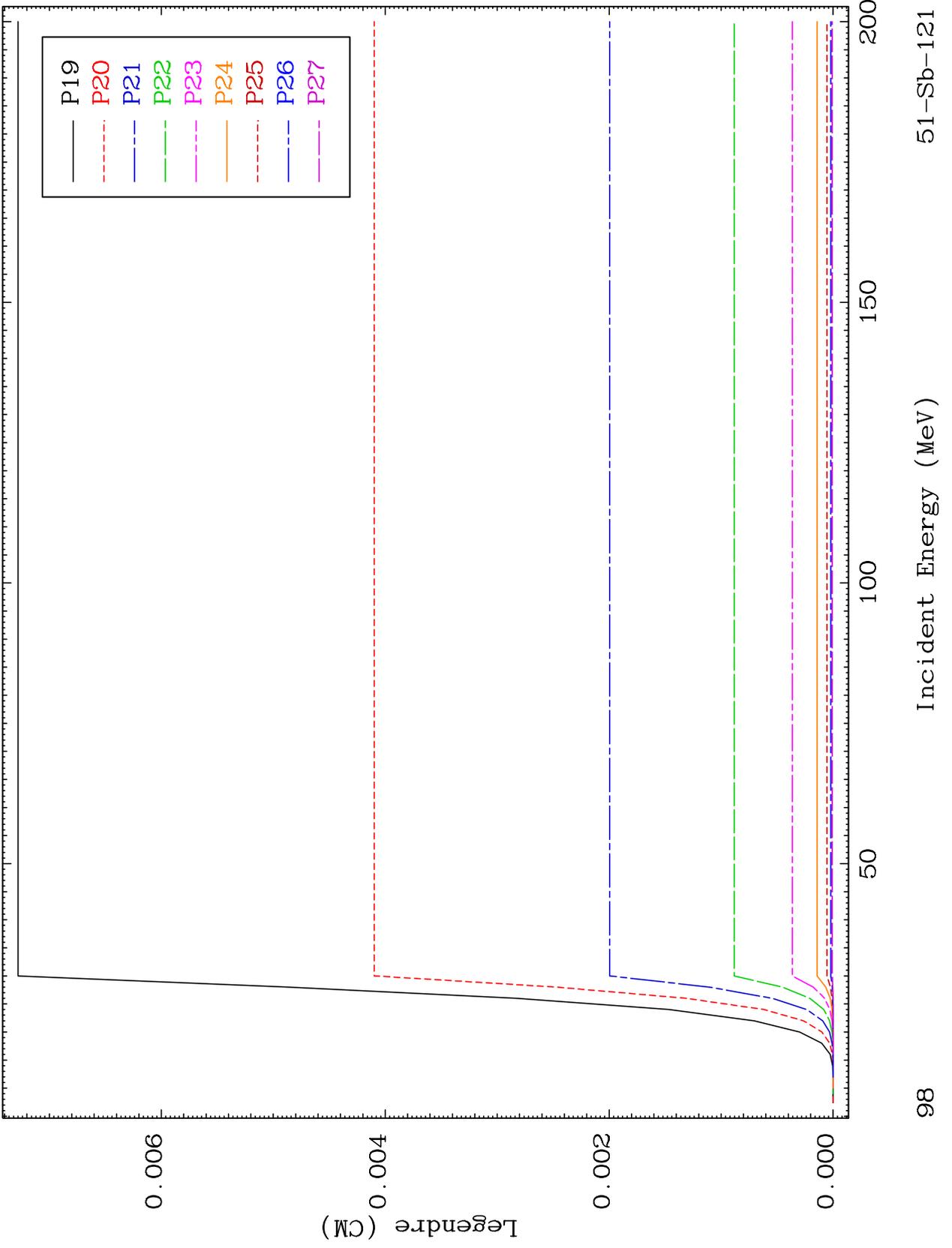
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



98

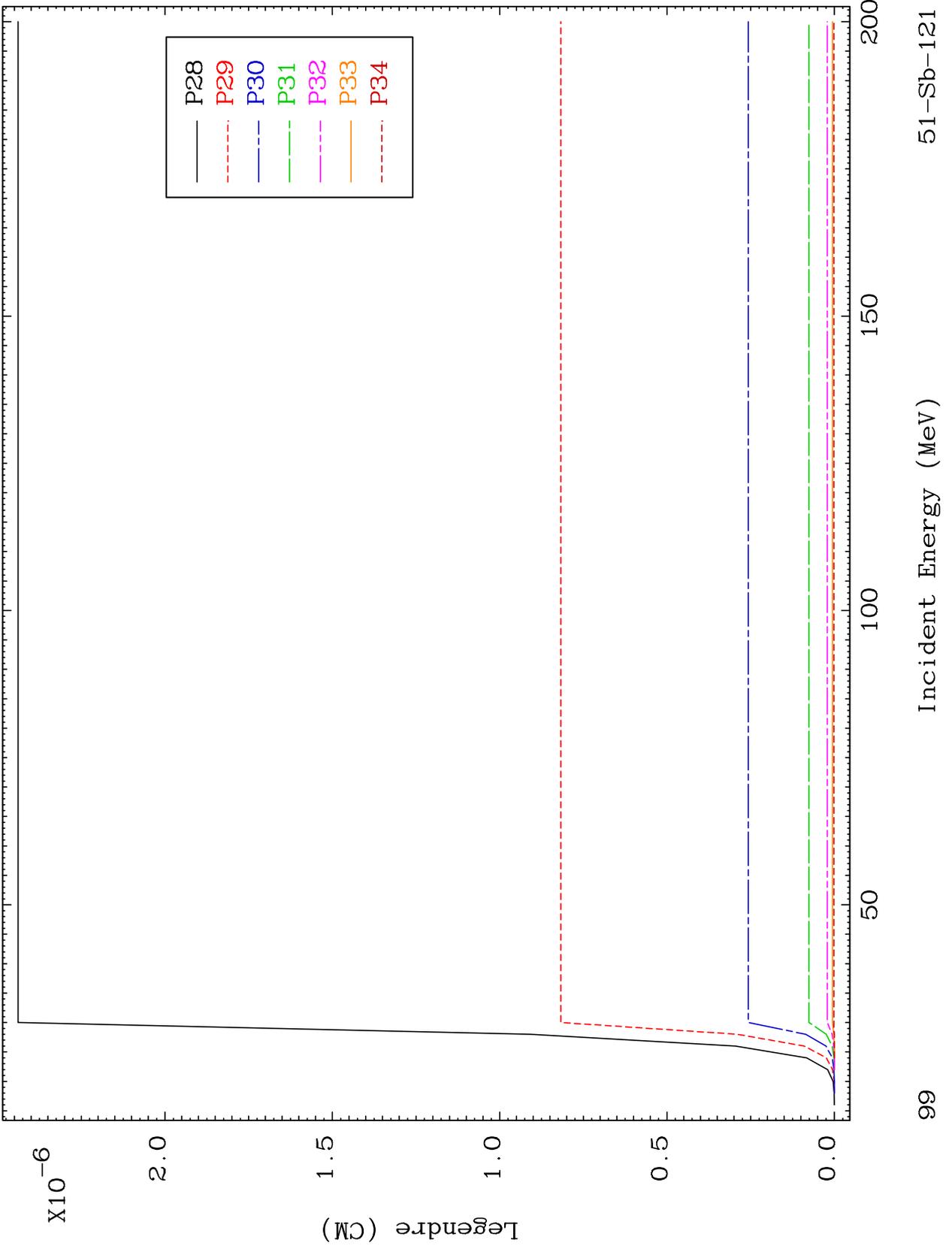
Incident Energy (MeV)

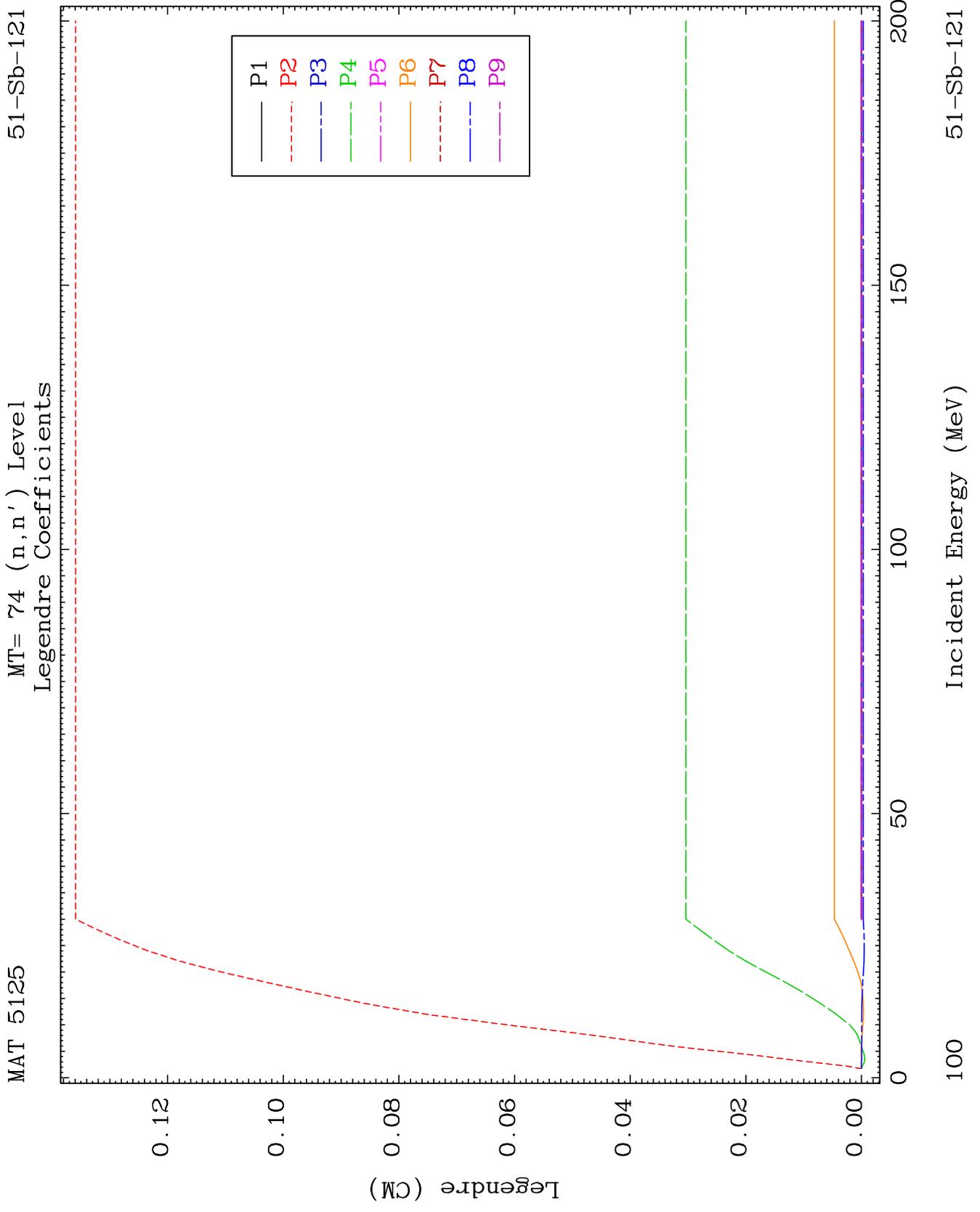
51-Sb-121

MAT 5125

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

51-Sb-121



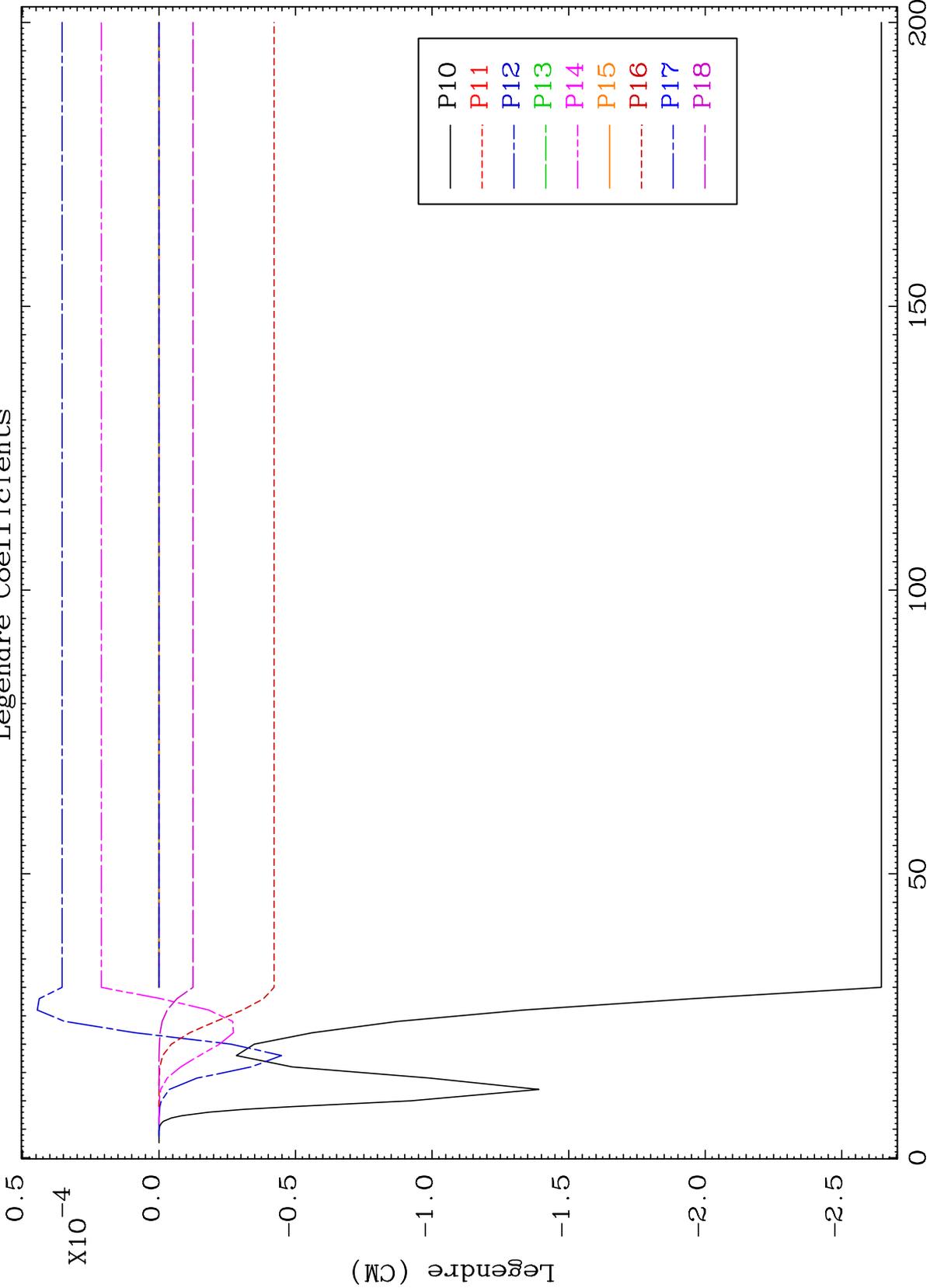


MAT 5125

MT= 74 (n,n') Level

51-Sb-121

Legendre Coefficients



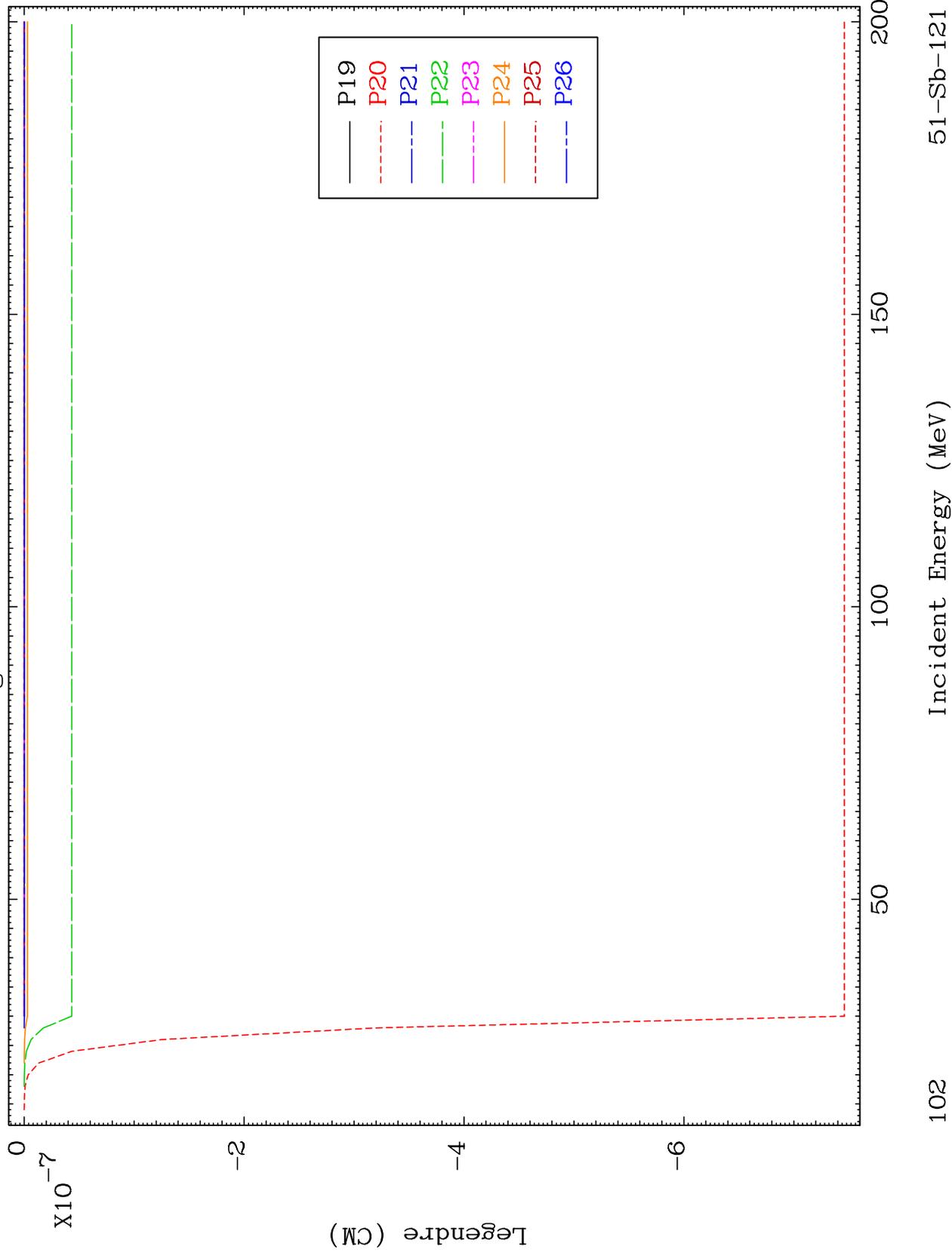
101

51-Sb-121

MAT 5125

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

51-Sb-121



102

51-Sb-121

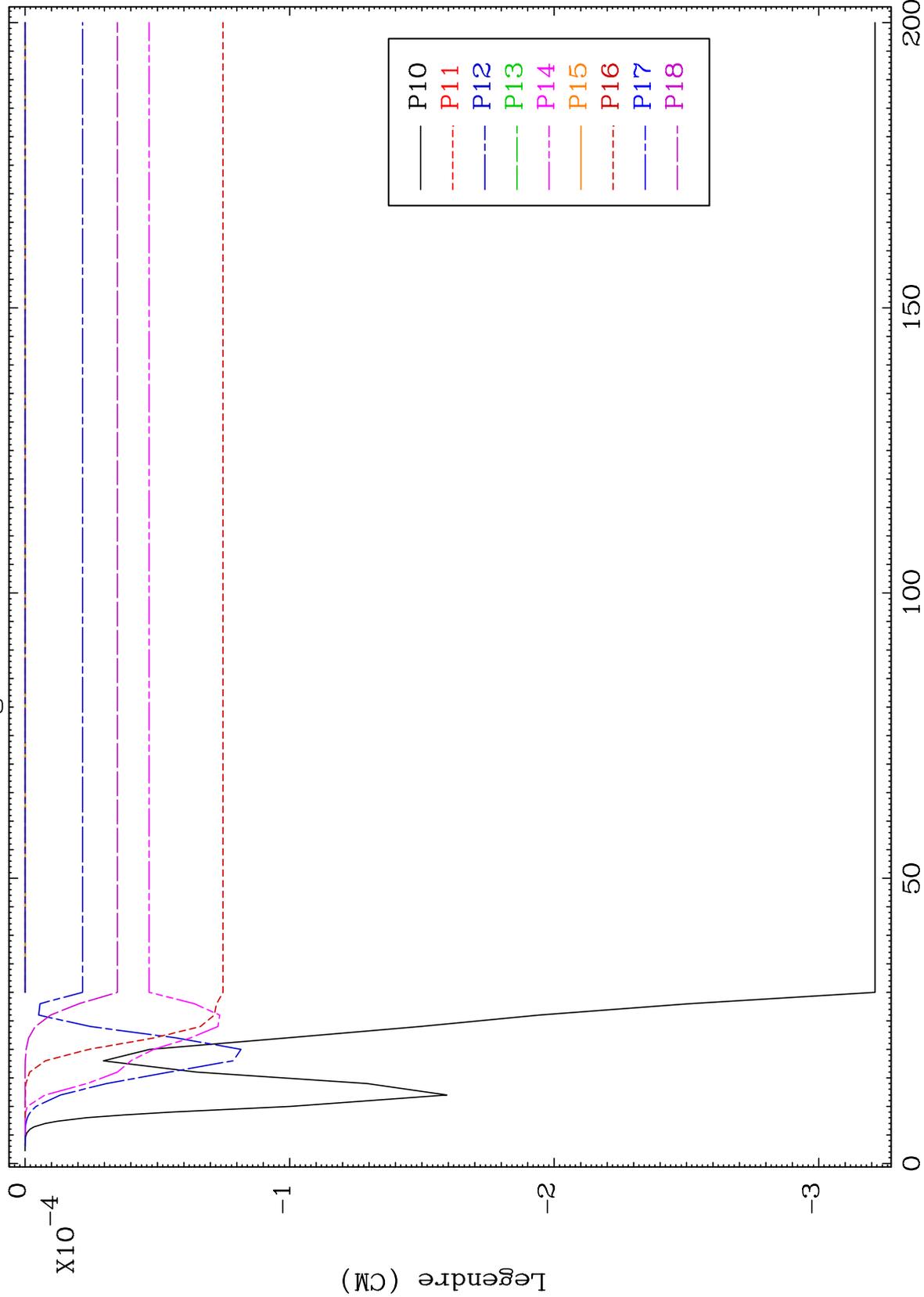


MAT 5125

MT= 75 (n,n') Level

51-Sb-121

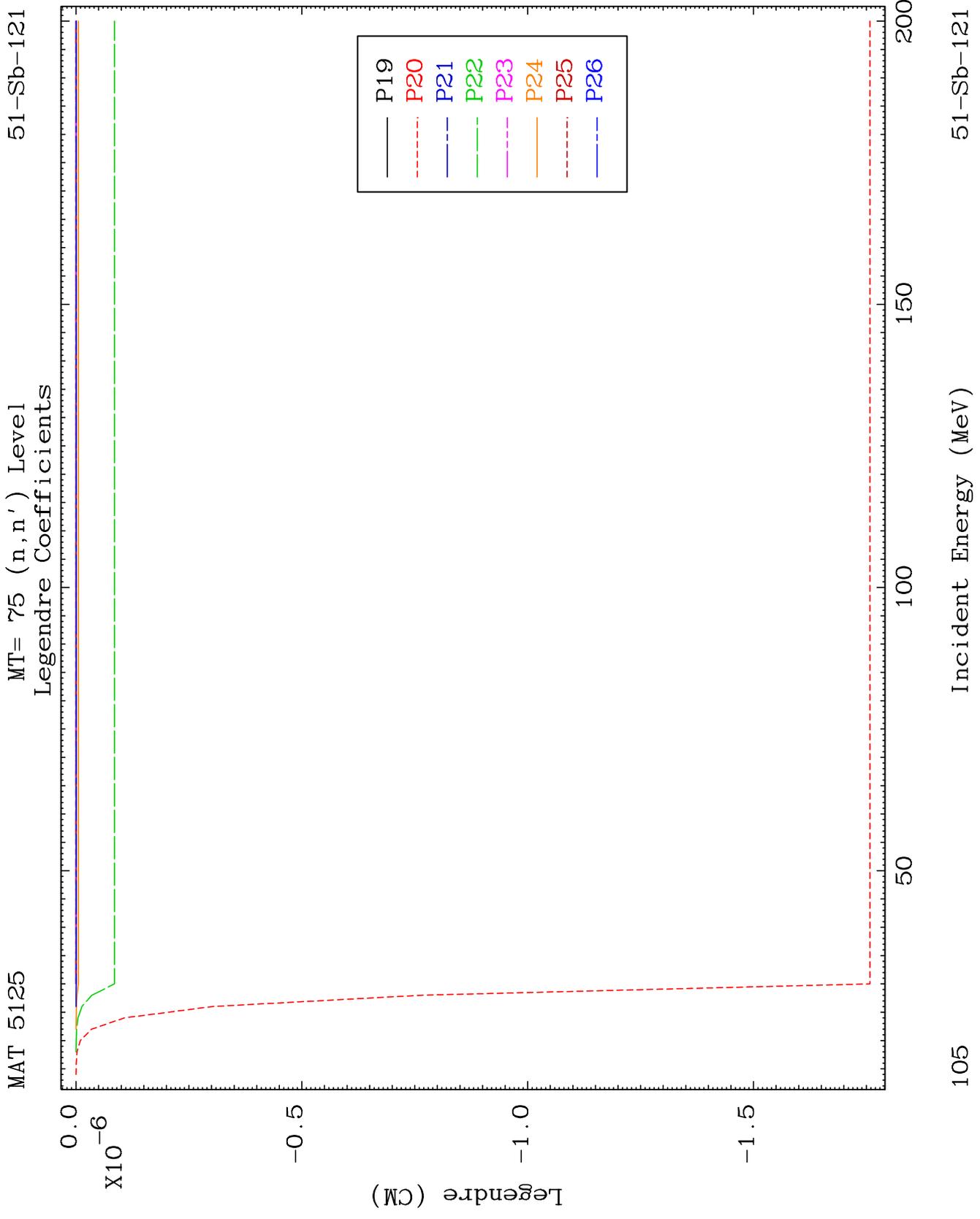
Legendre Coefficients



104

Incident Energy (MeV)

51-Sb-121



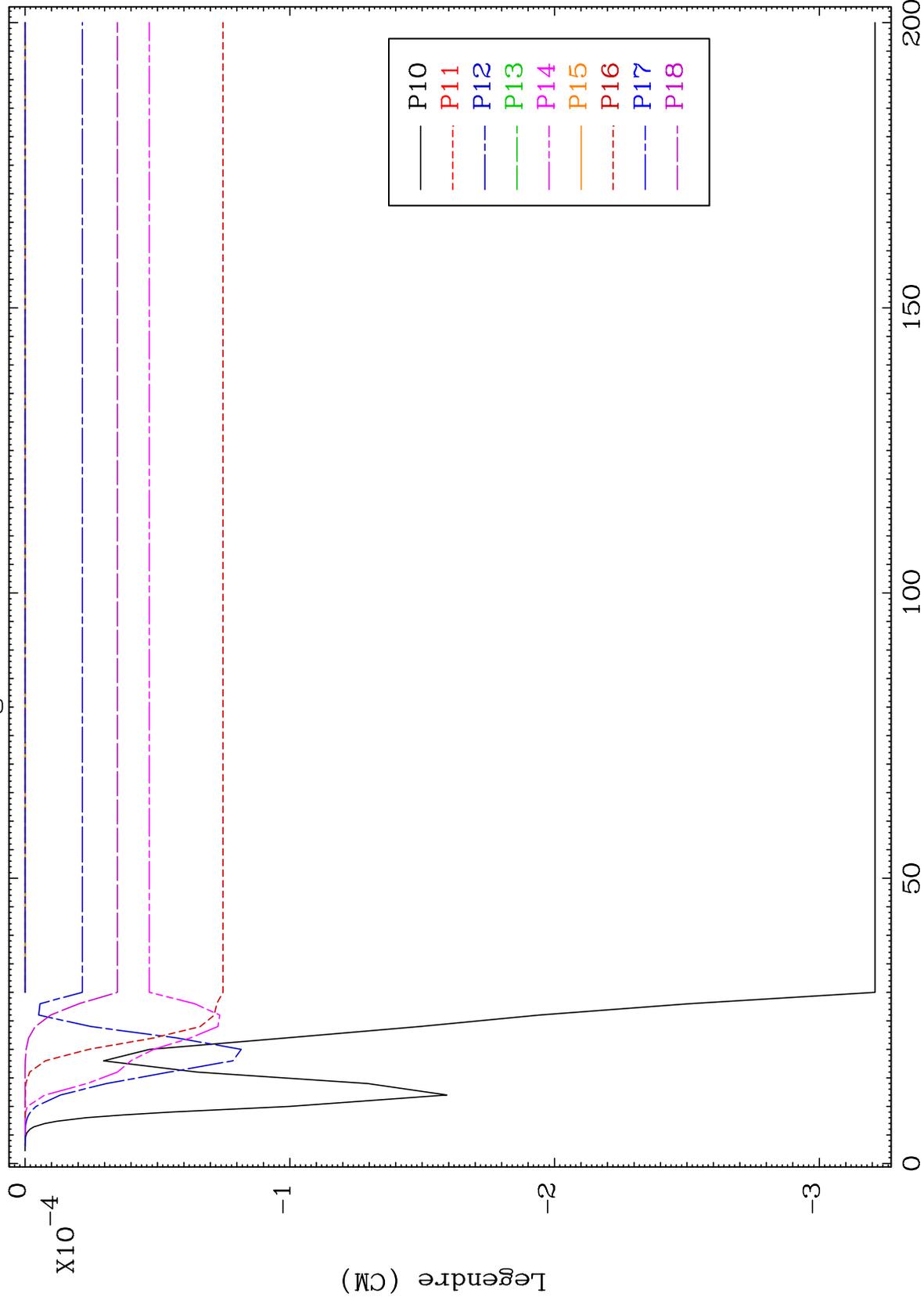


MAT 5125

MT= 76 (n,n') Level

51-Sb-121

Legendre Coefficients



107

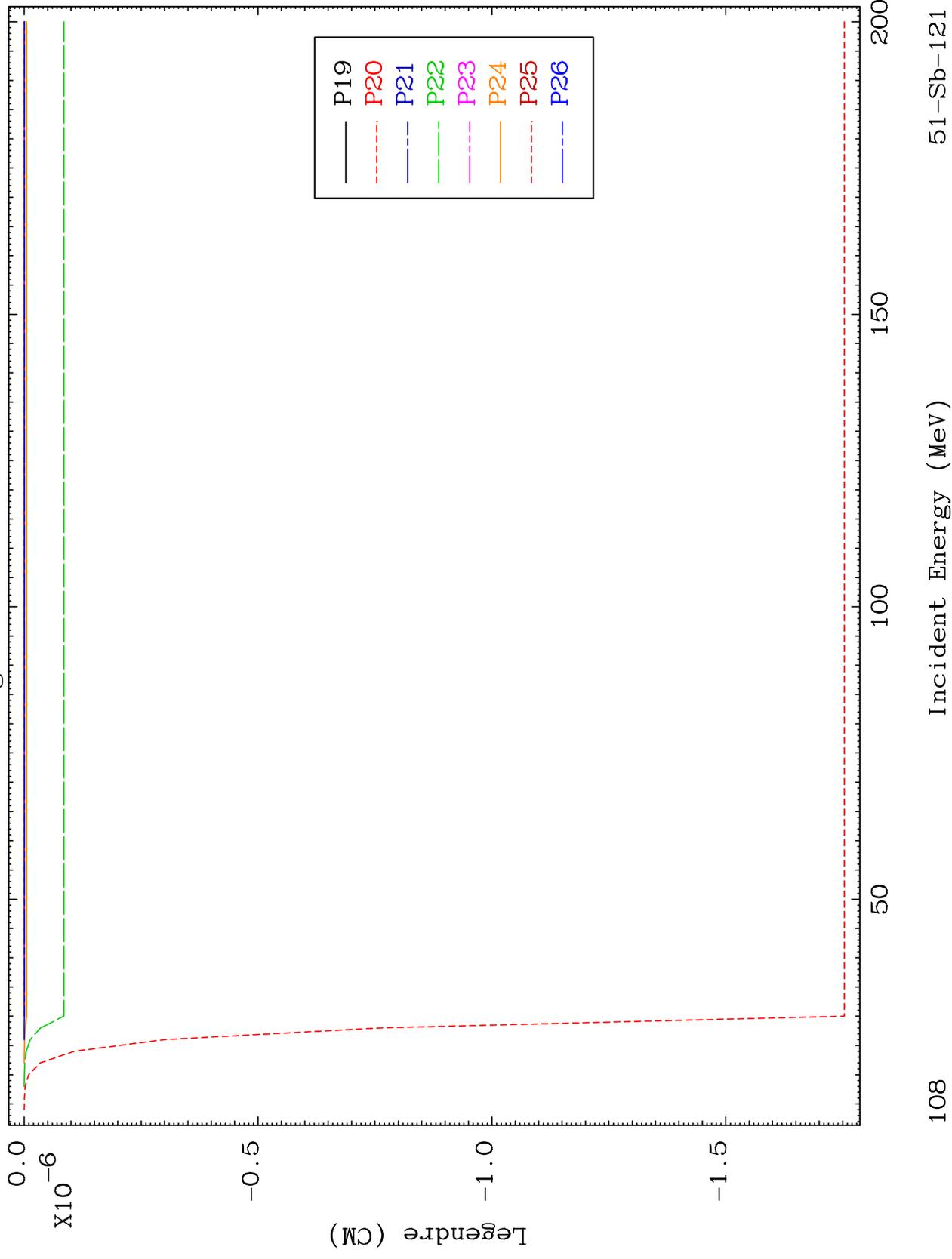
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



108

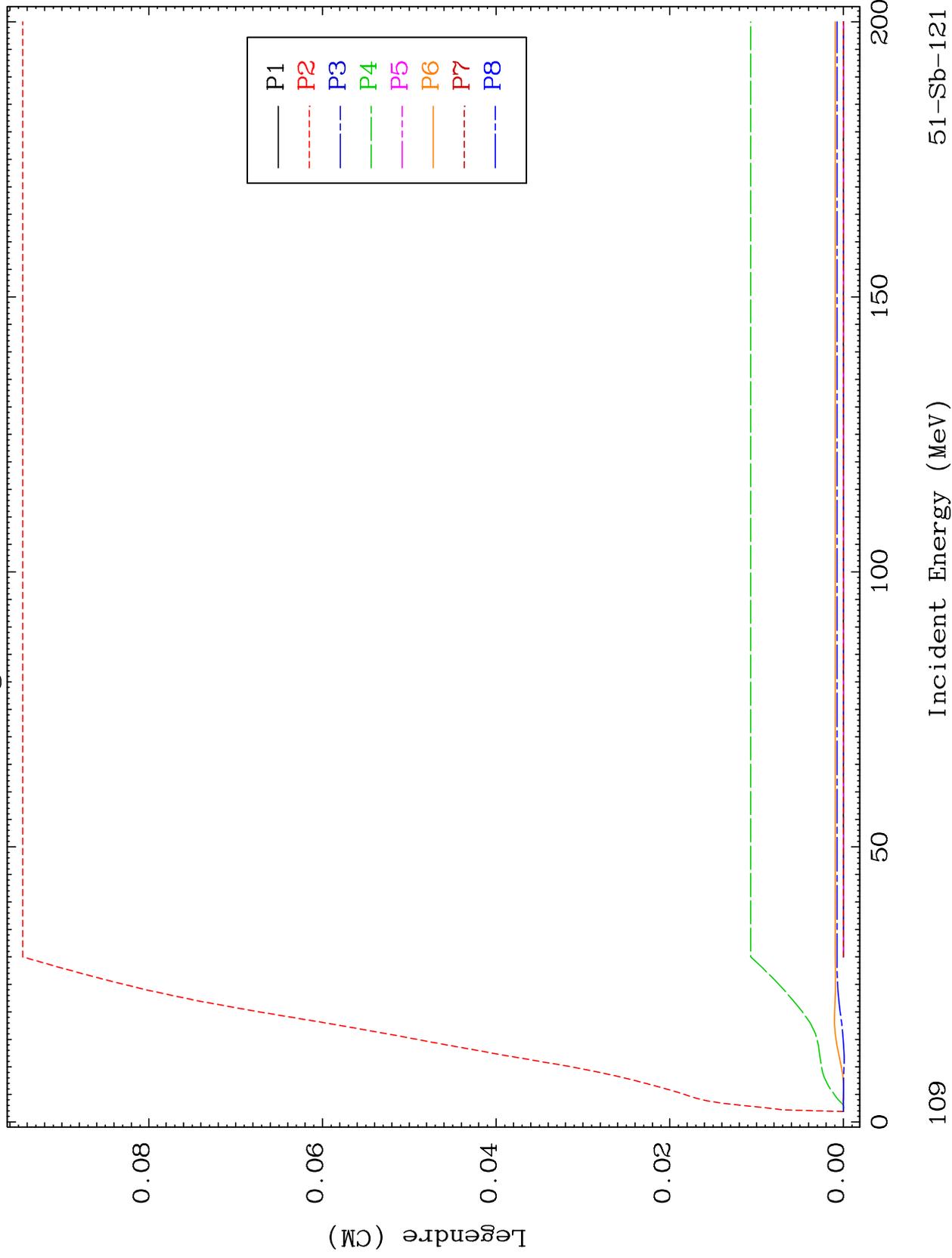
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



51-Sb-121

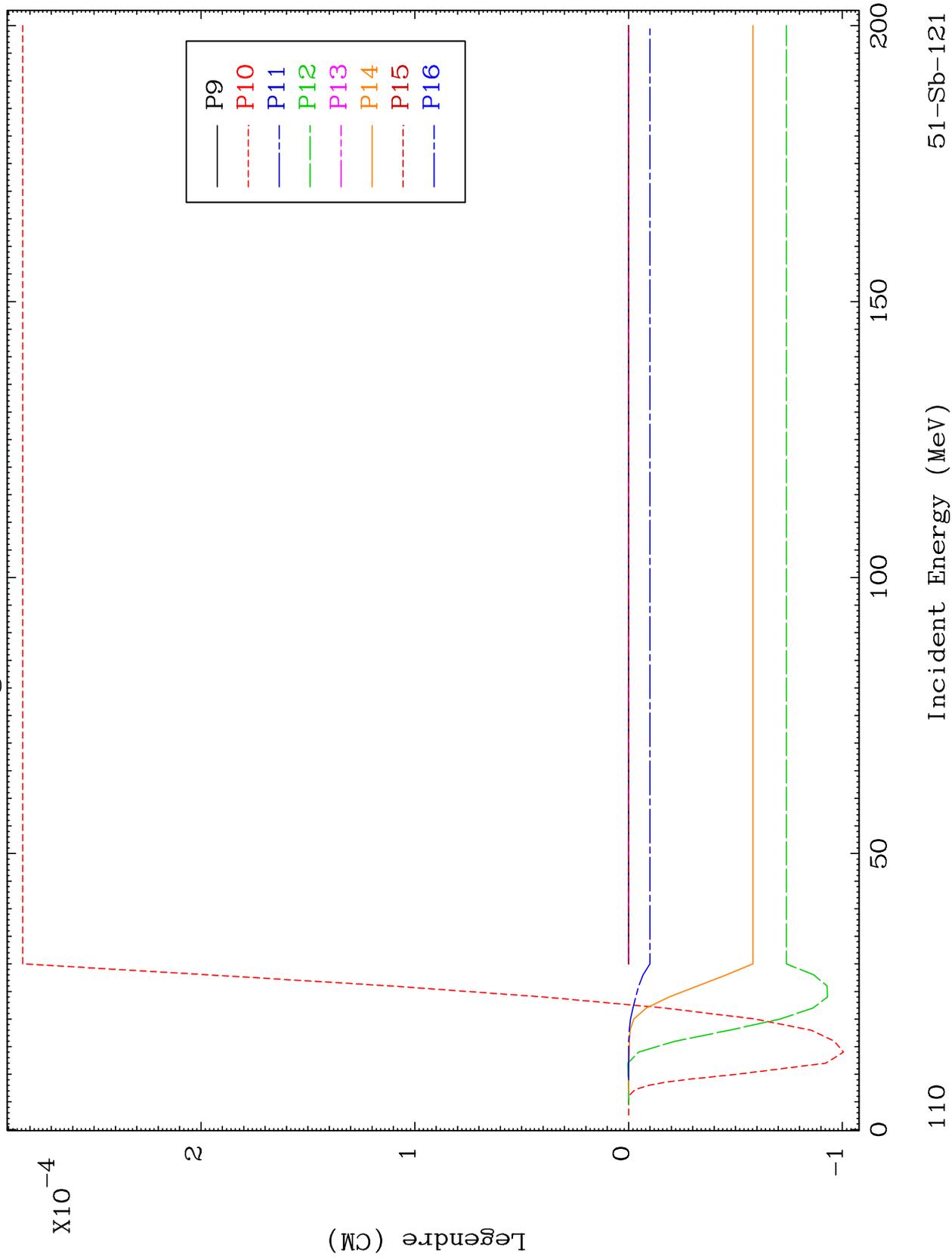
Incident Energy (MeV)

109

MAT 5125

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

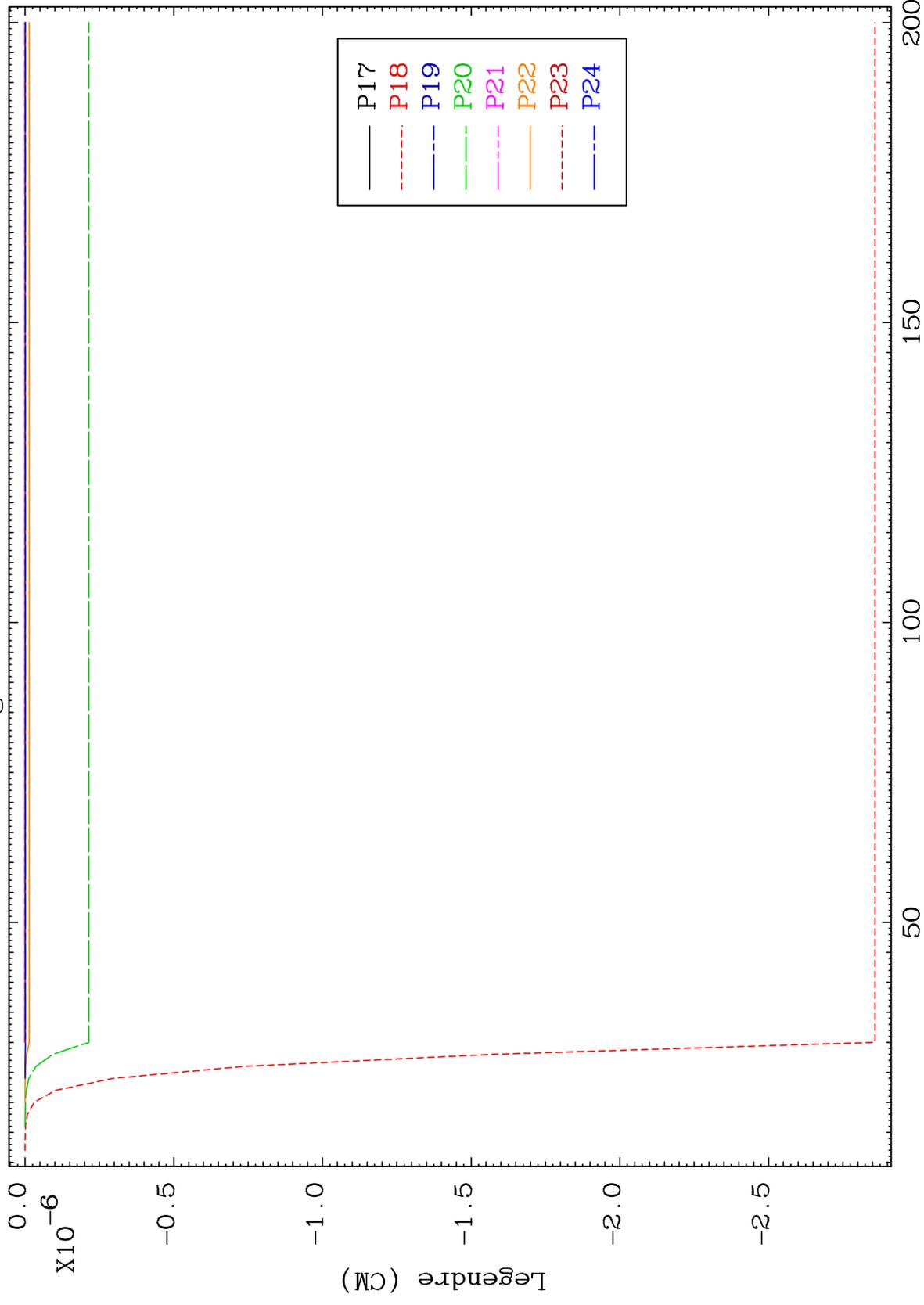
51-Sb-121



MAT 5125

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

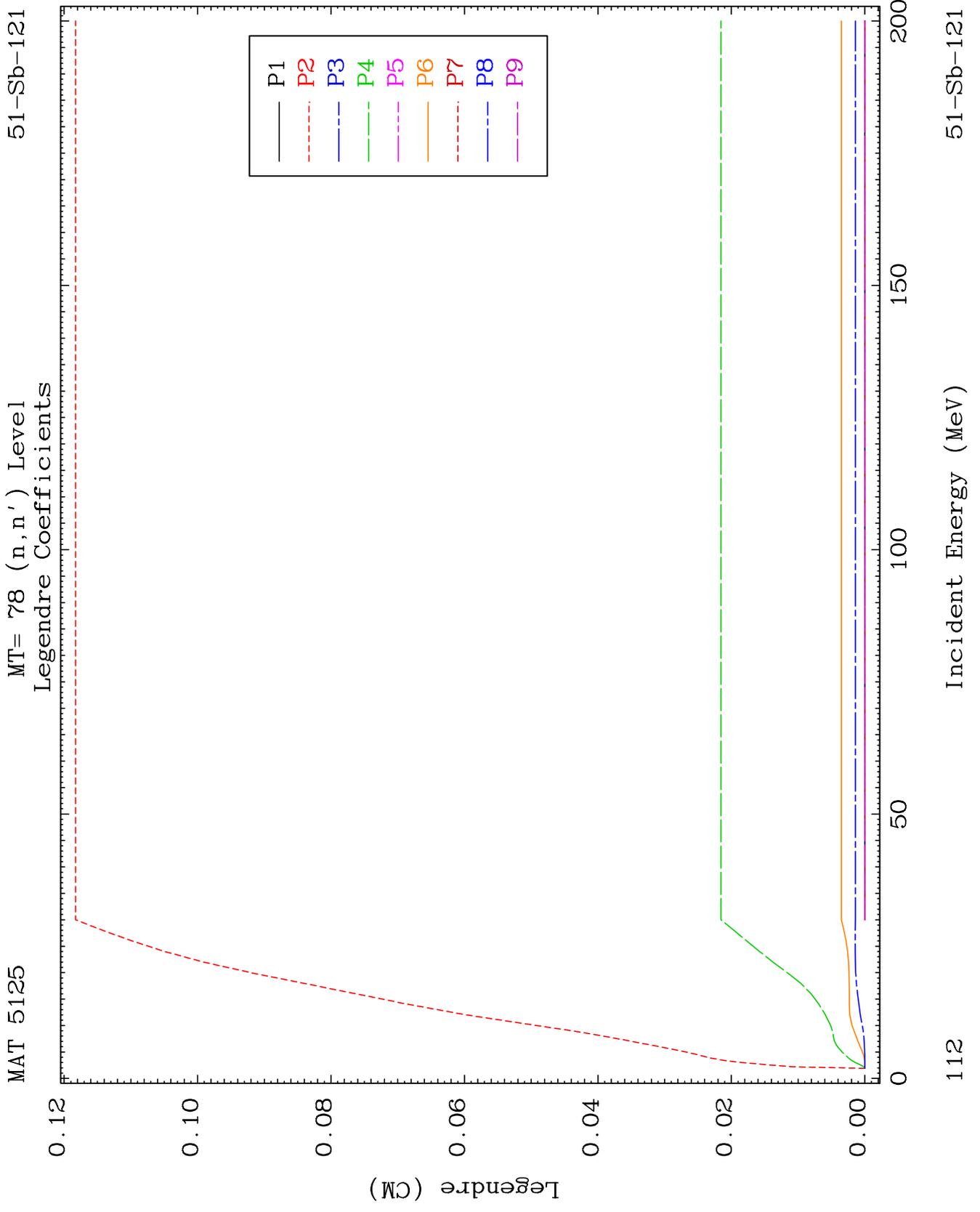
51-Sb-121



111

Incident Energy (MeV)

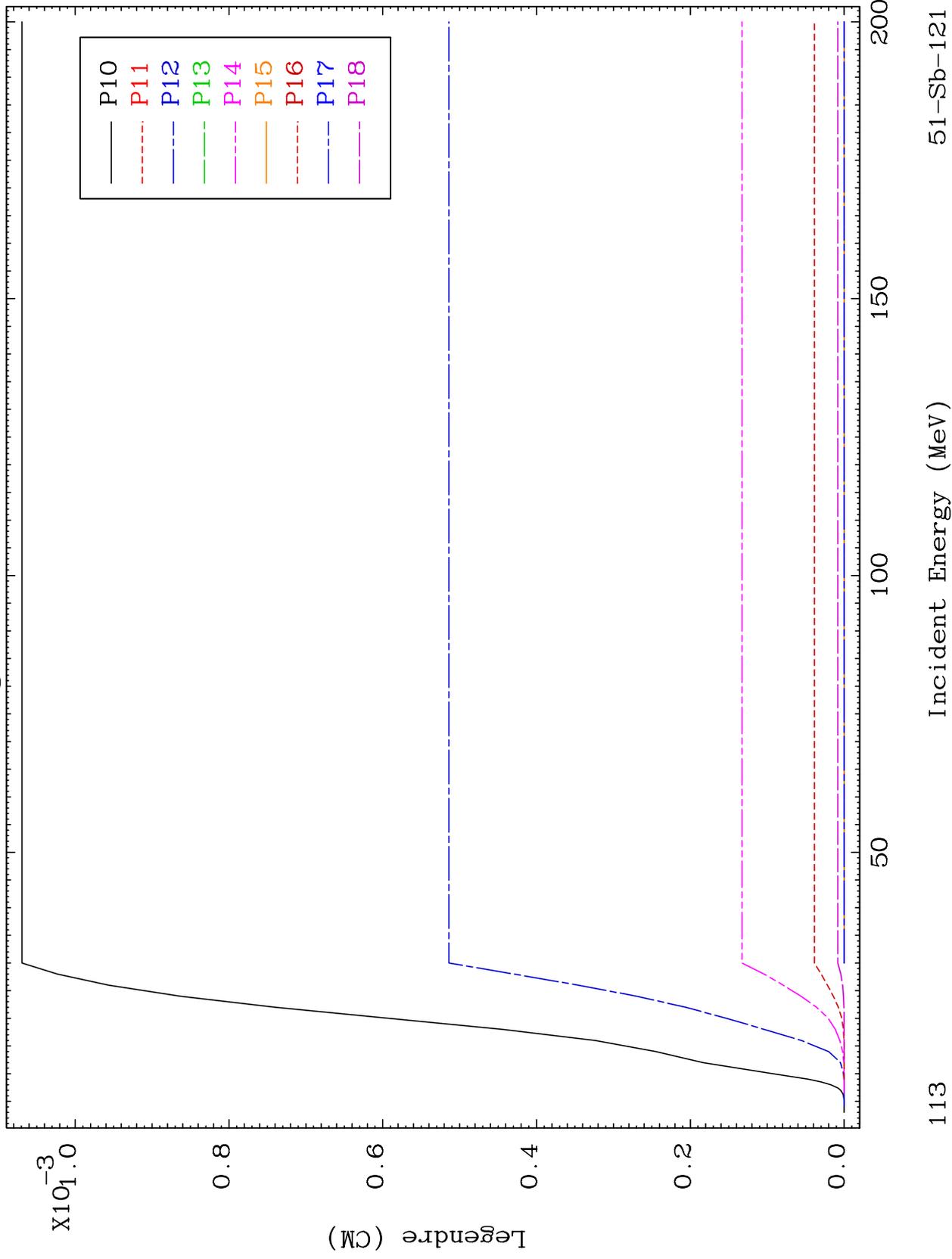
51-Sb-121

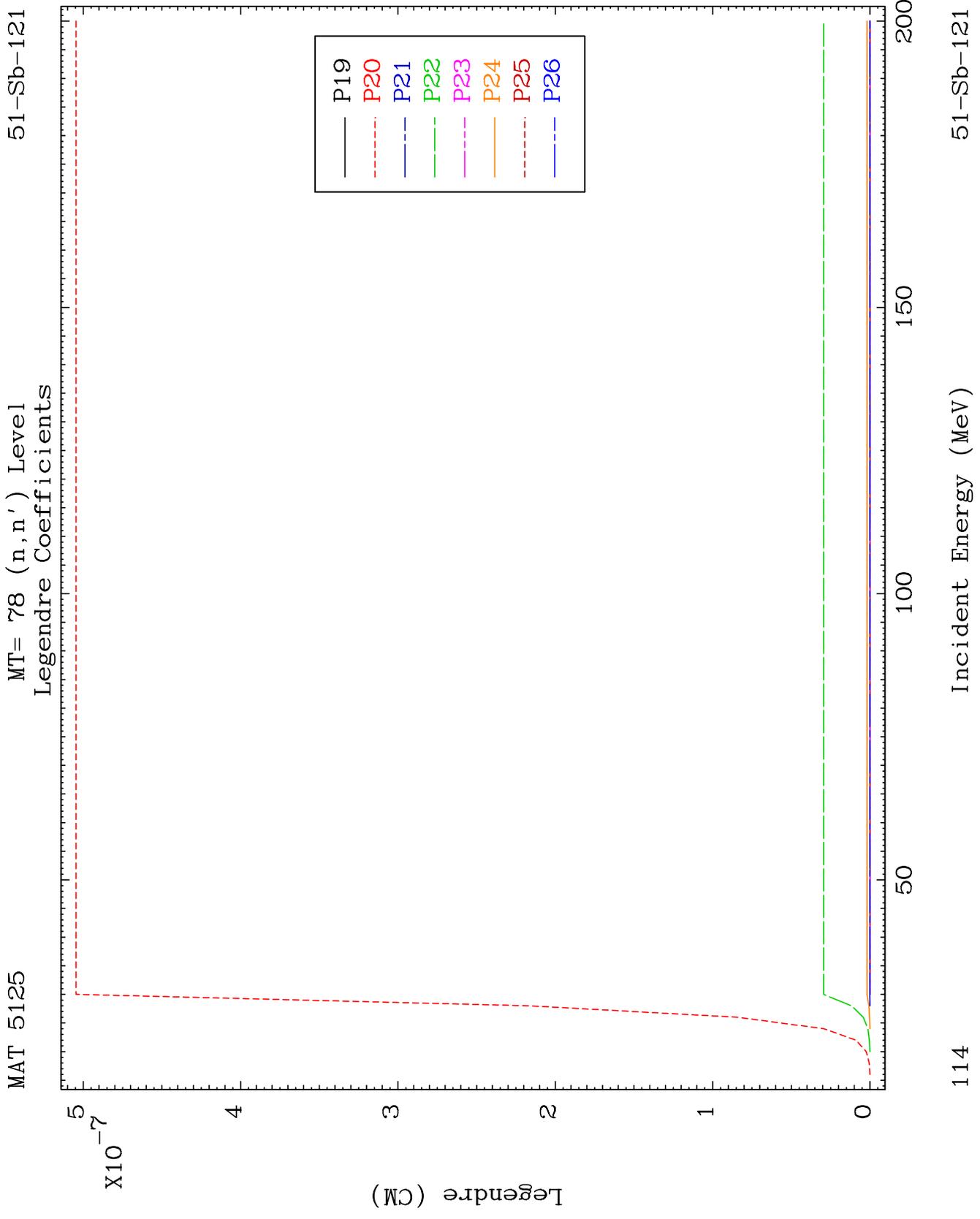


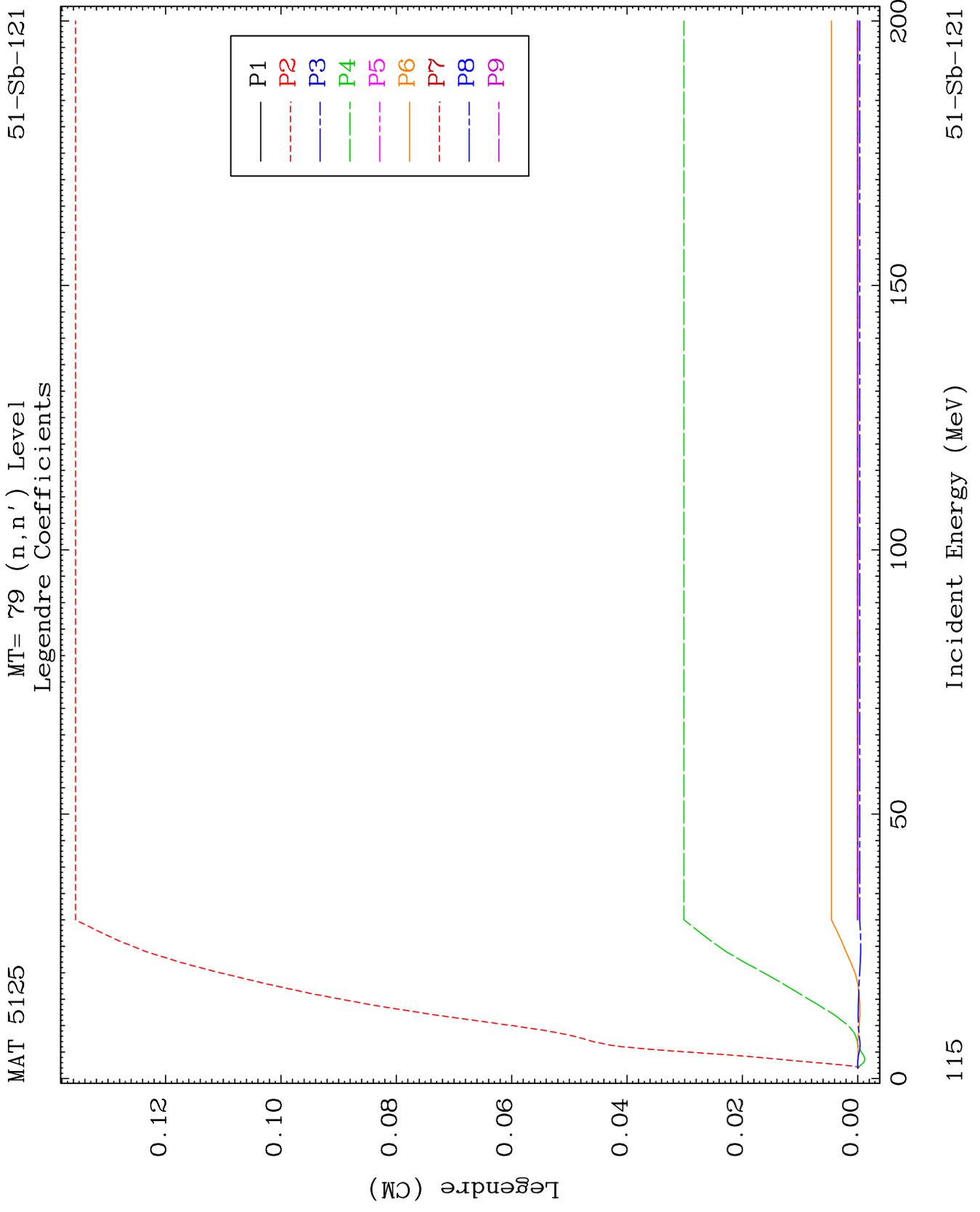
MAT 5125

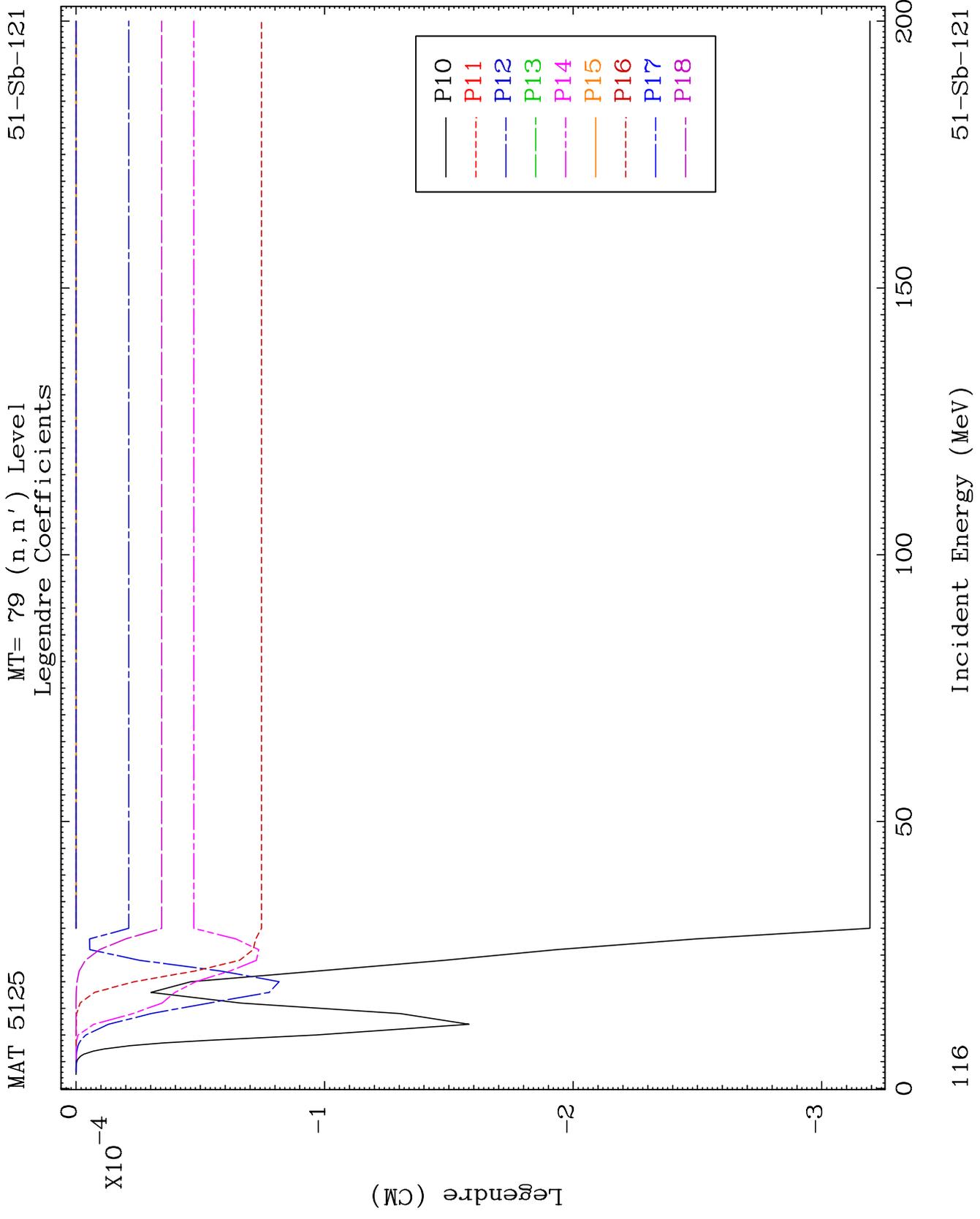
MT= 78 (n,n') Level  
Legendre Coefficients

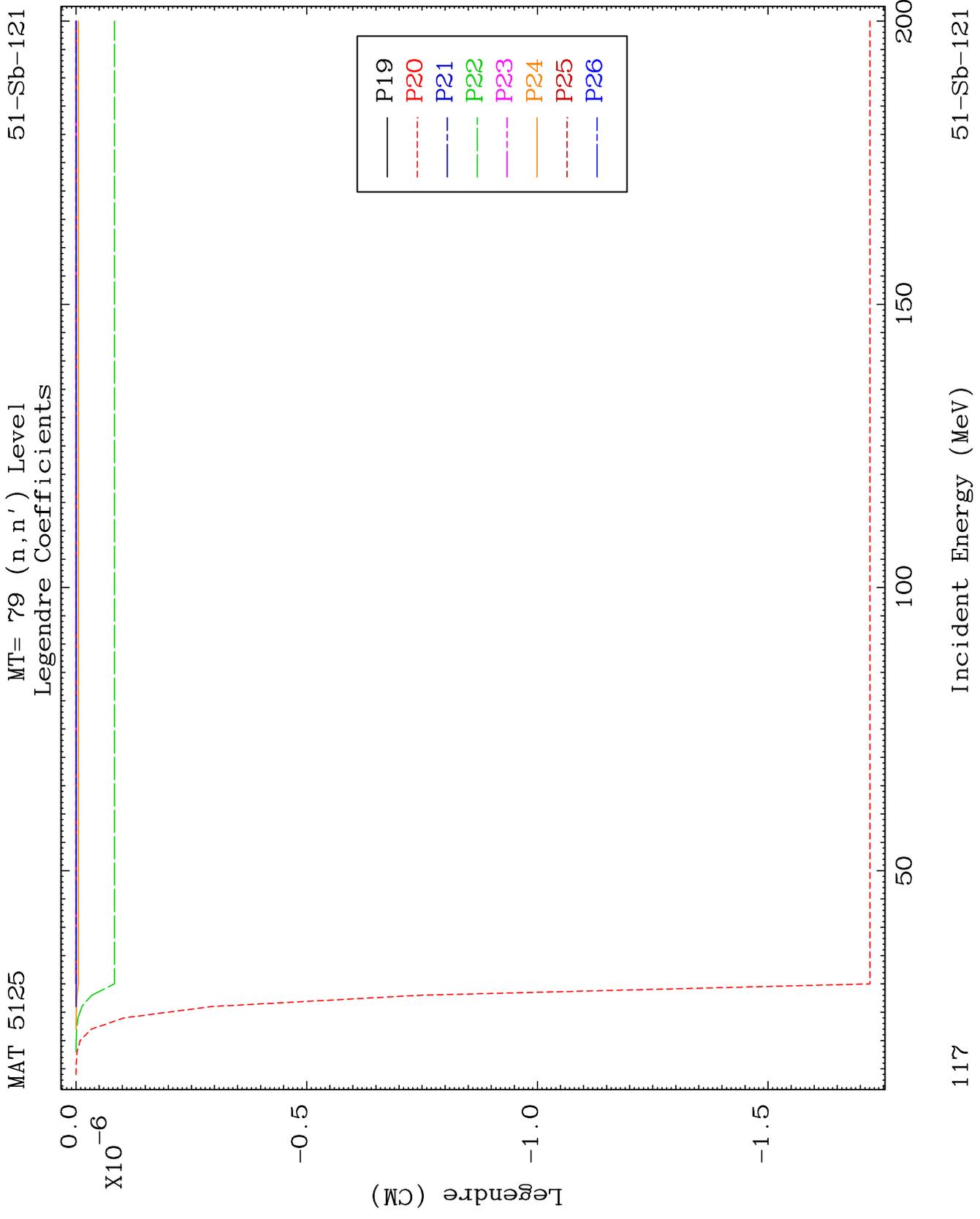
51-Sb-121







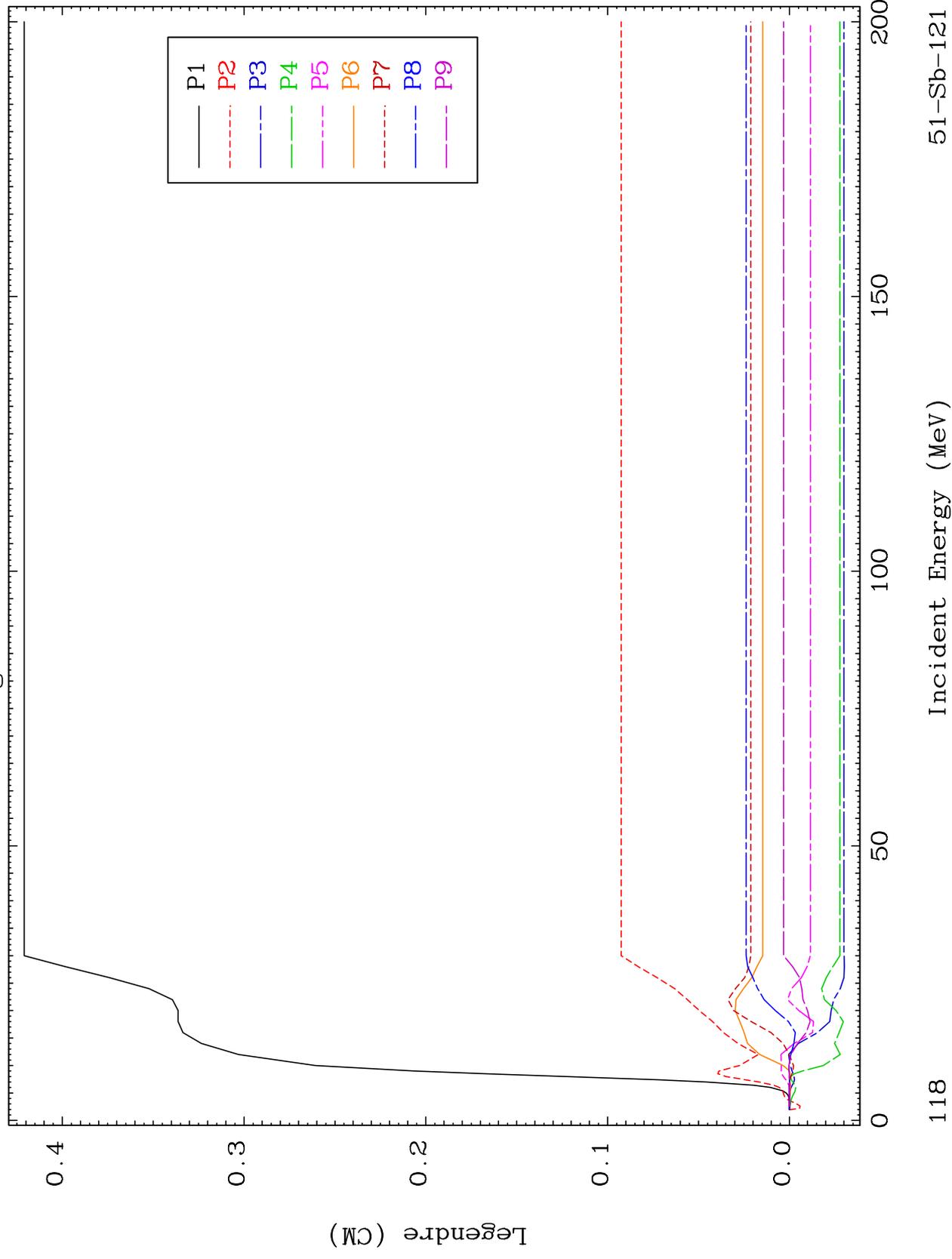




MAT 5125

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

51-Sb-121



51-Sb-121

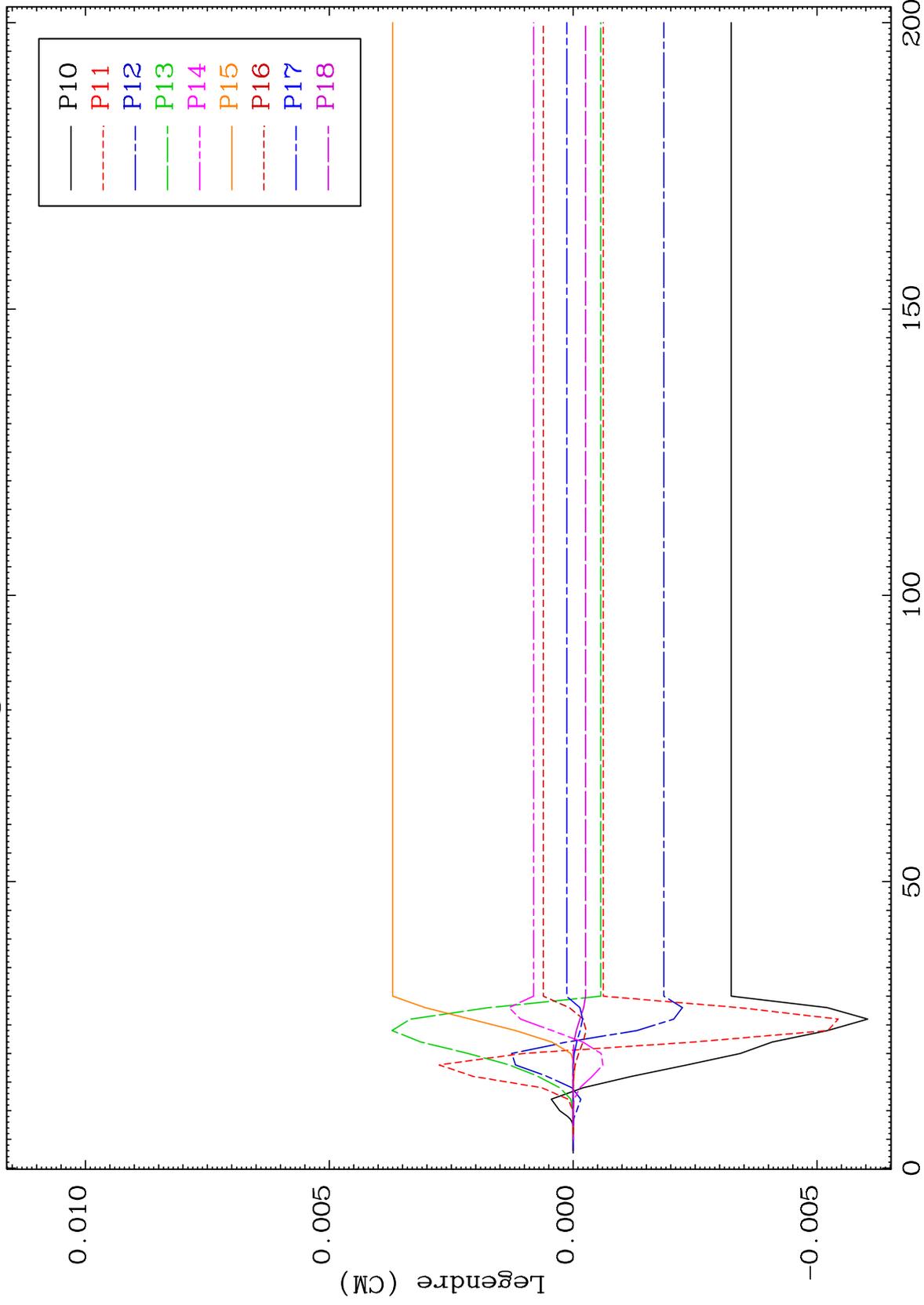
Incident Energy (MeV)

118

MAT 5125

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

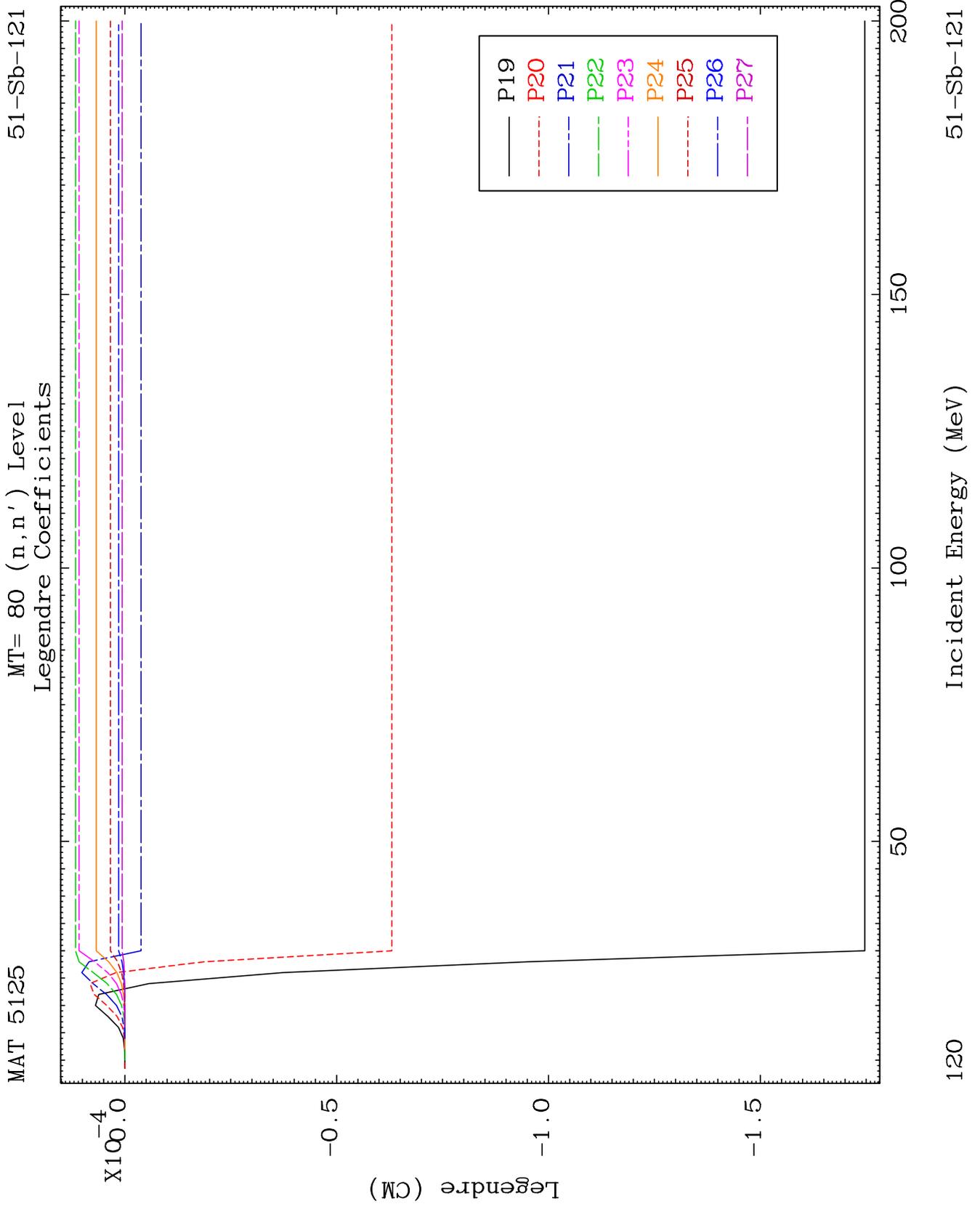
51-Sb-121



119

Incident Energy (MeV)

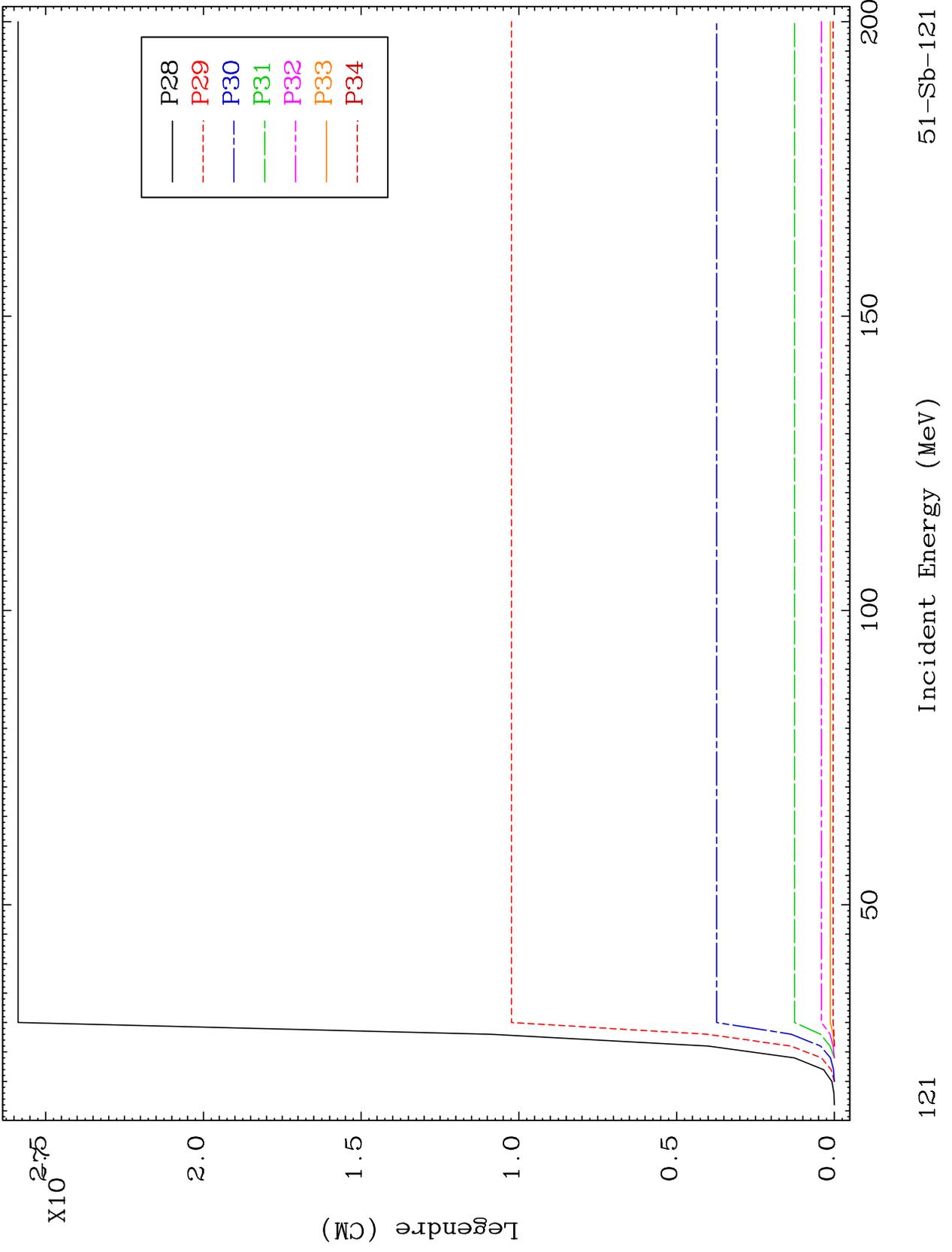
51-Sb-121



MAT 5125

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

51-Sb-121



121

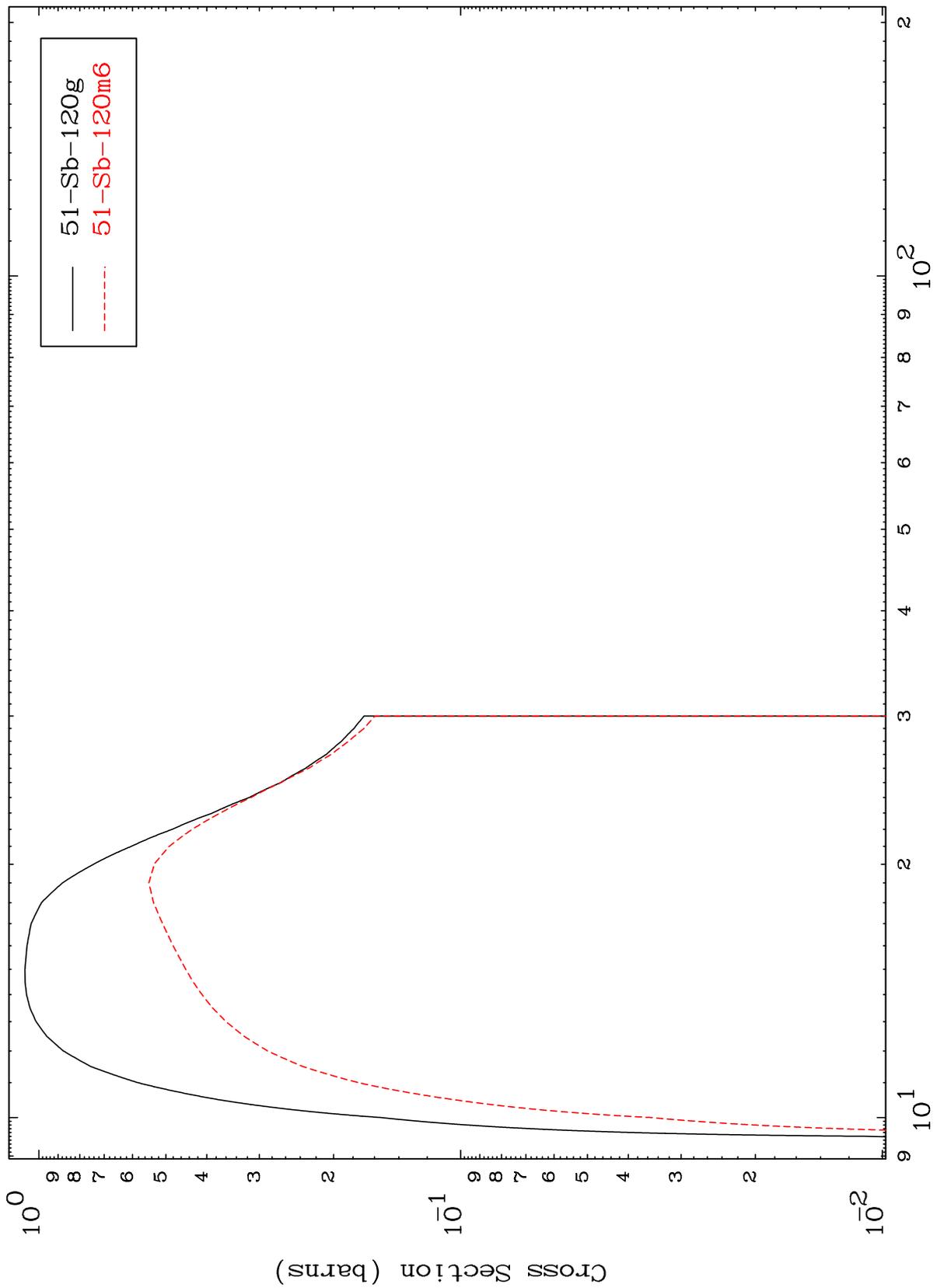
Incident Energy (MeV)

51-Sb-121

MAT 5125

51-Sb-121

(n,2n)  
Radionuclide Production Cross Section



51-Sb-121

Incident Energy (MeV)

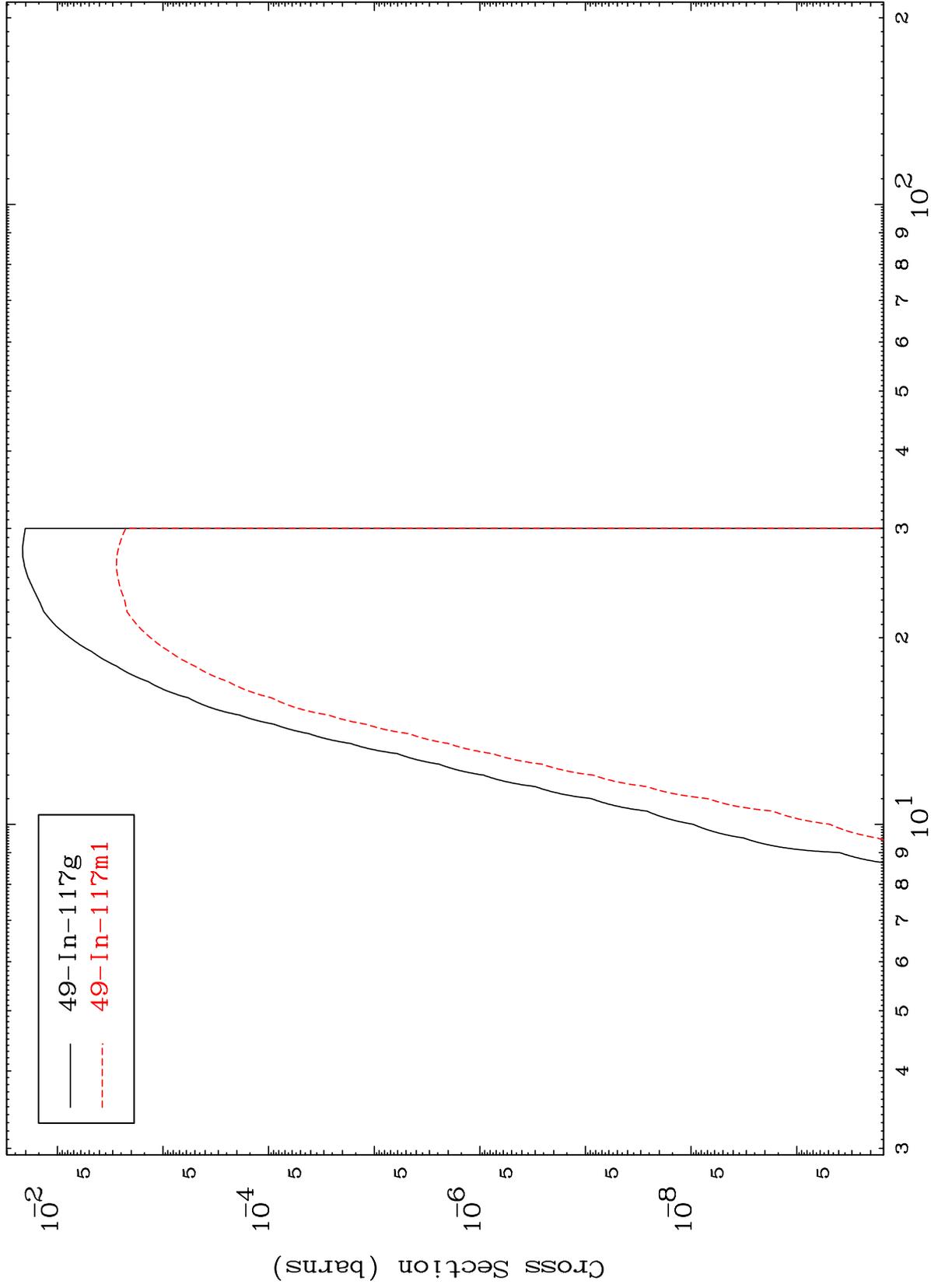
122

MAT 5125

51-Sb-121

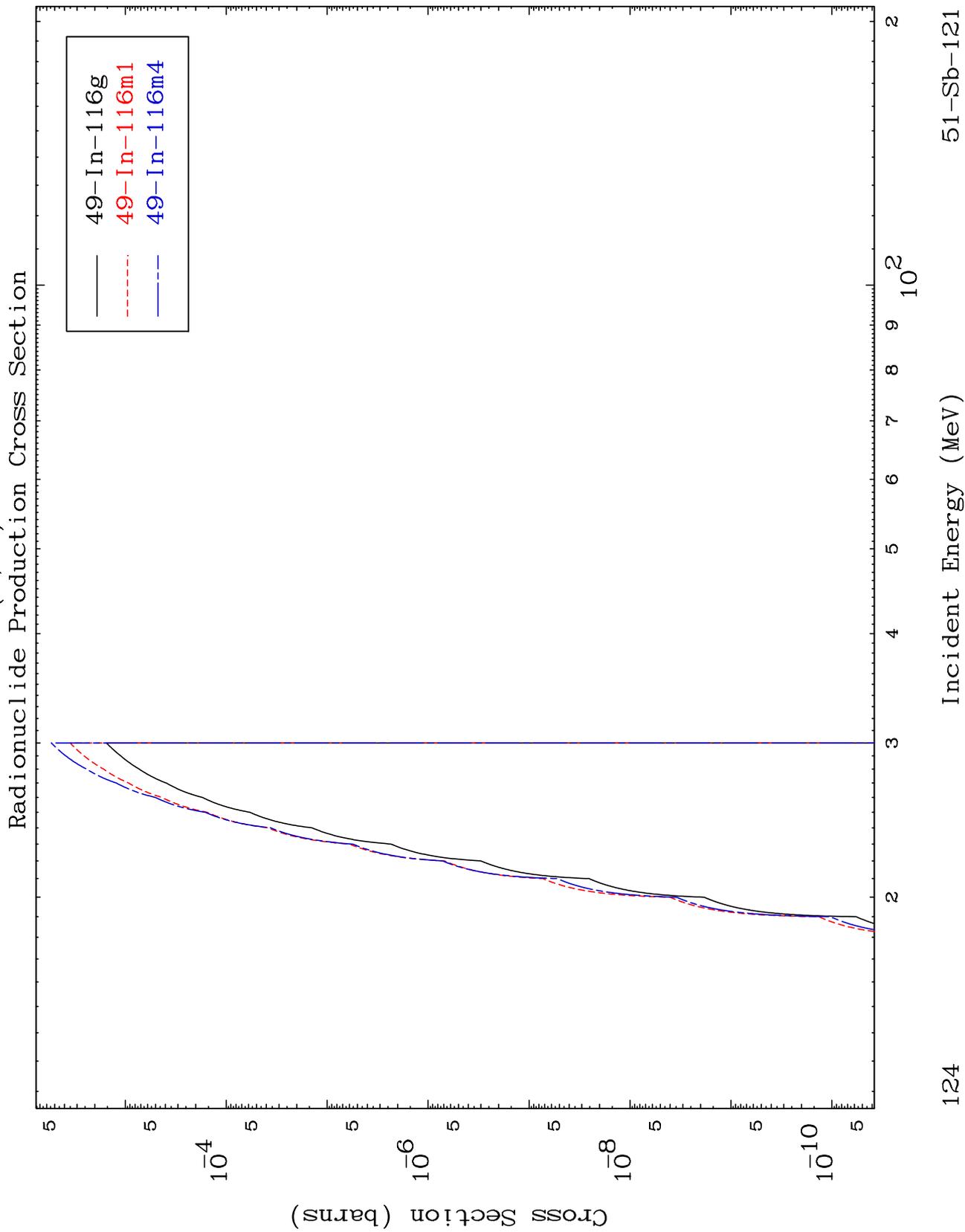
(n,n')  $\alpha$

Radionuclide Production Cross Section



123

51-Sb-121

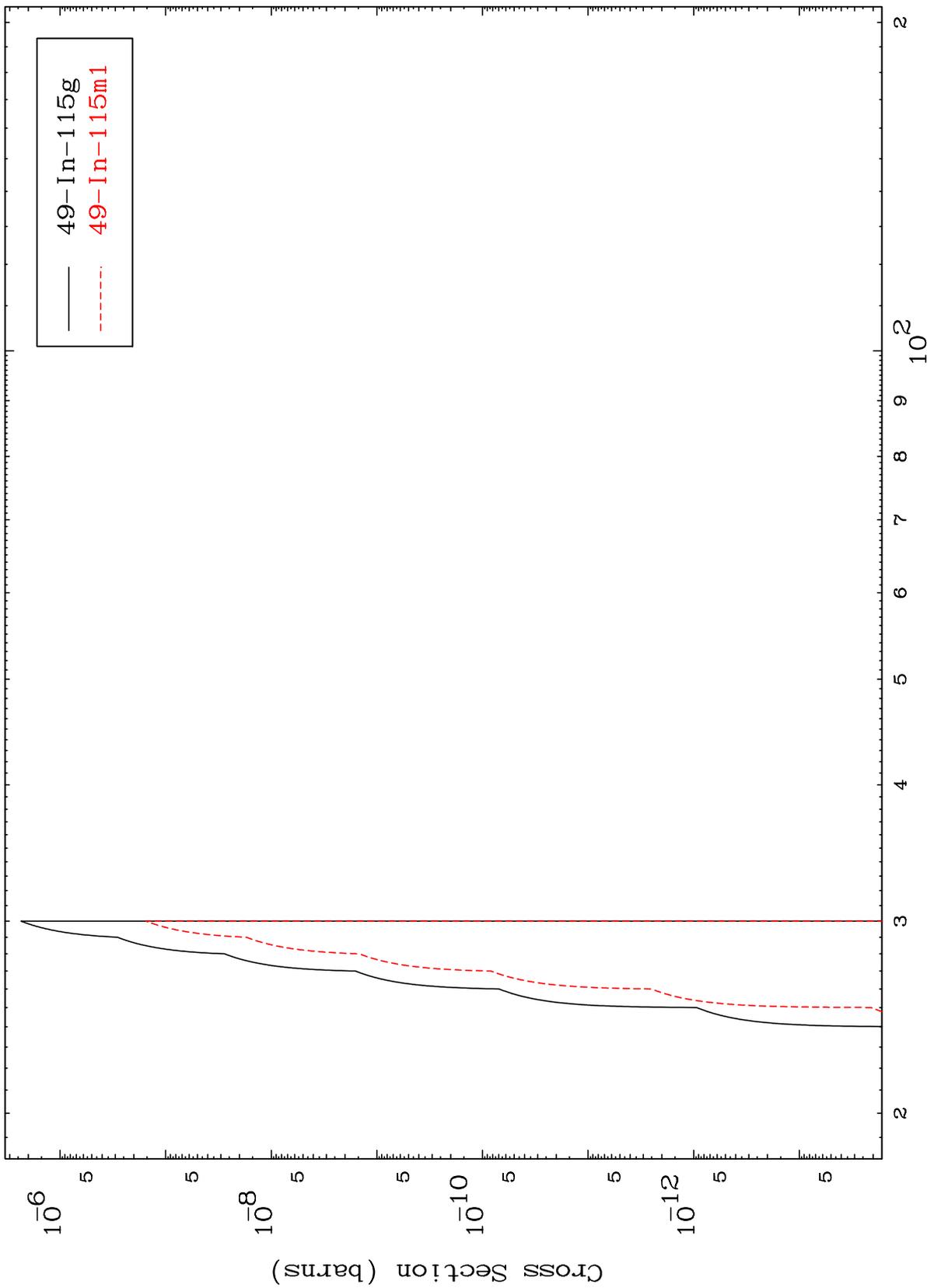


MAT 5125

(n,3n)  $\alpha$

51-Sb-121

Radionuclide Production Cross Section



125

Incident Energy (MeV)

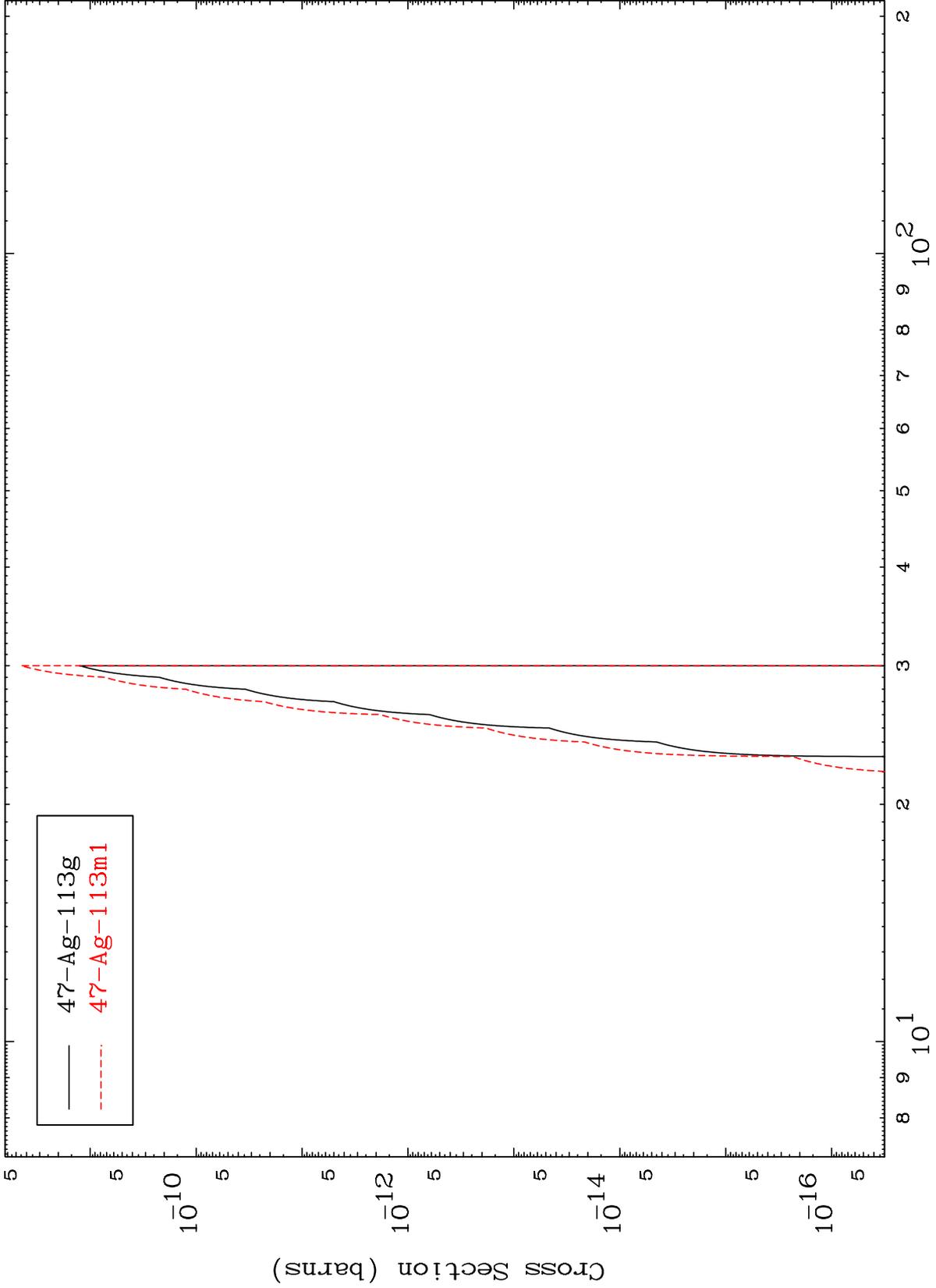
51-Sb-121

MAT 5125

(n,n') 2α

51-Sb-121

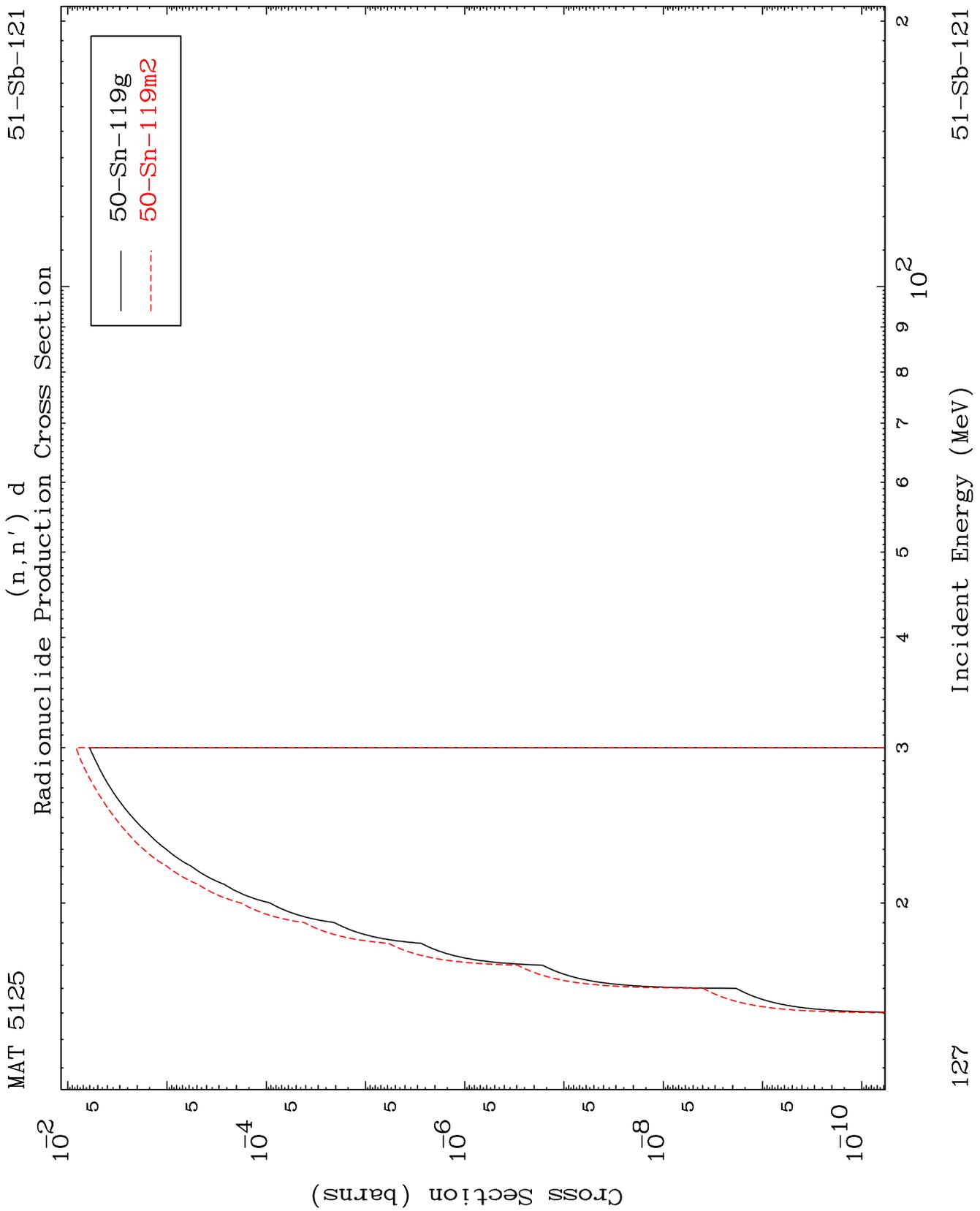
Radionuclide Production Cross Section



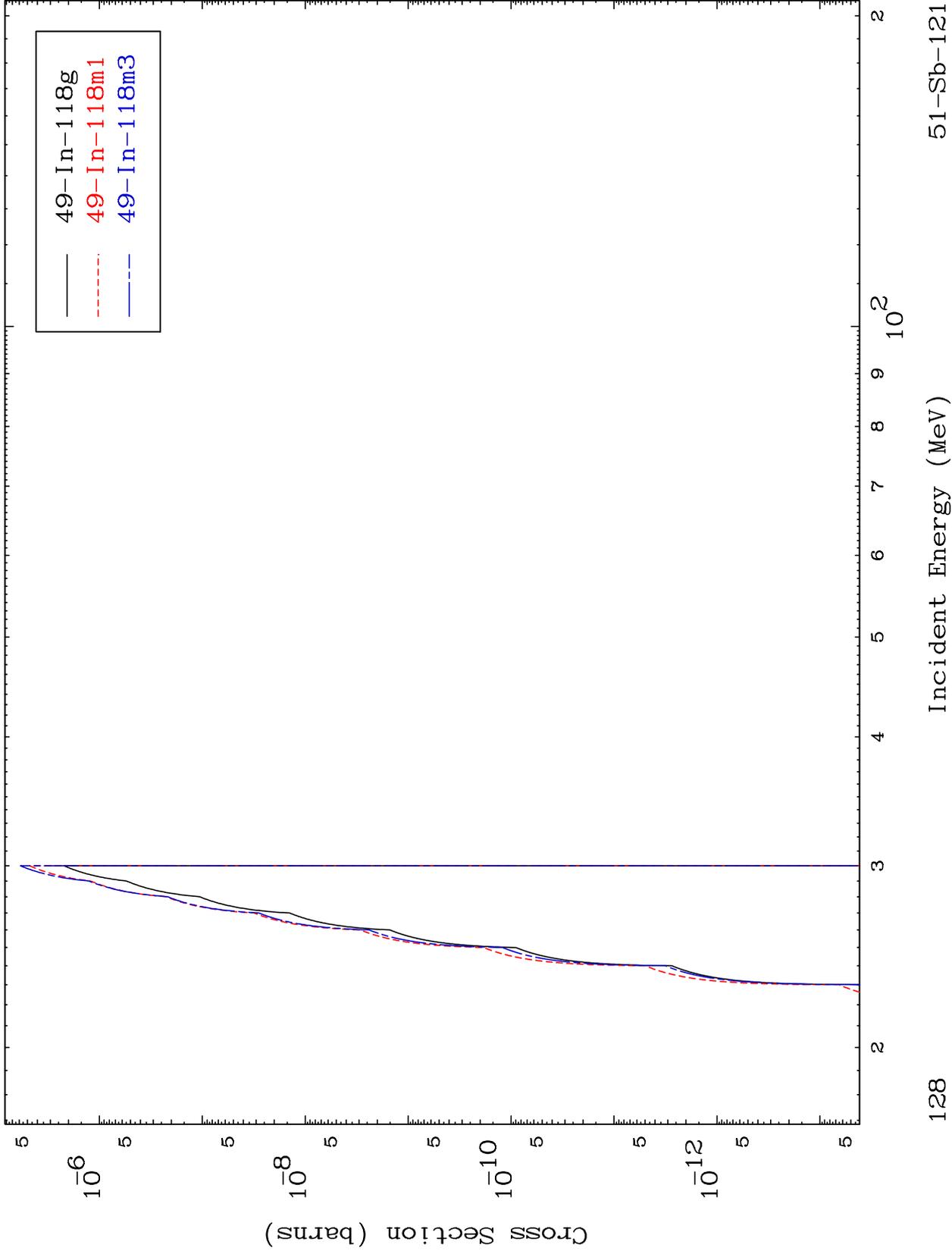
126

Incident Energy (MeV)

51-Sb-121



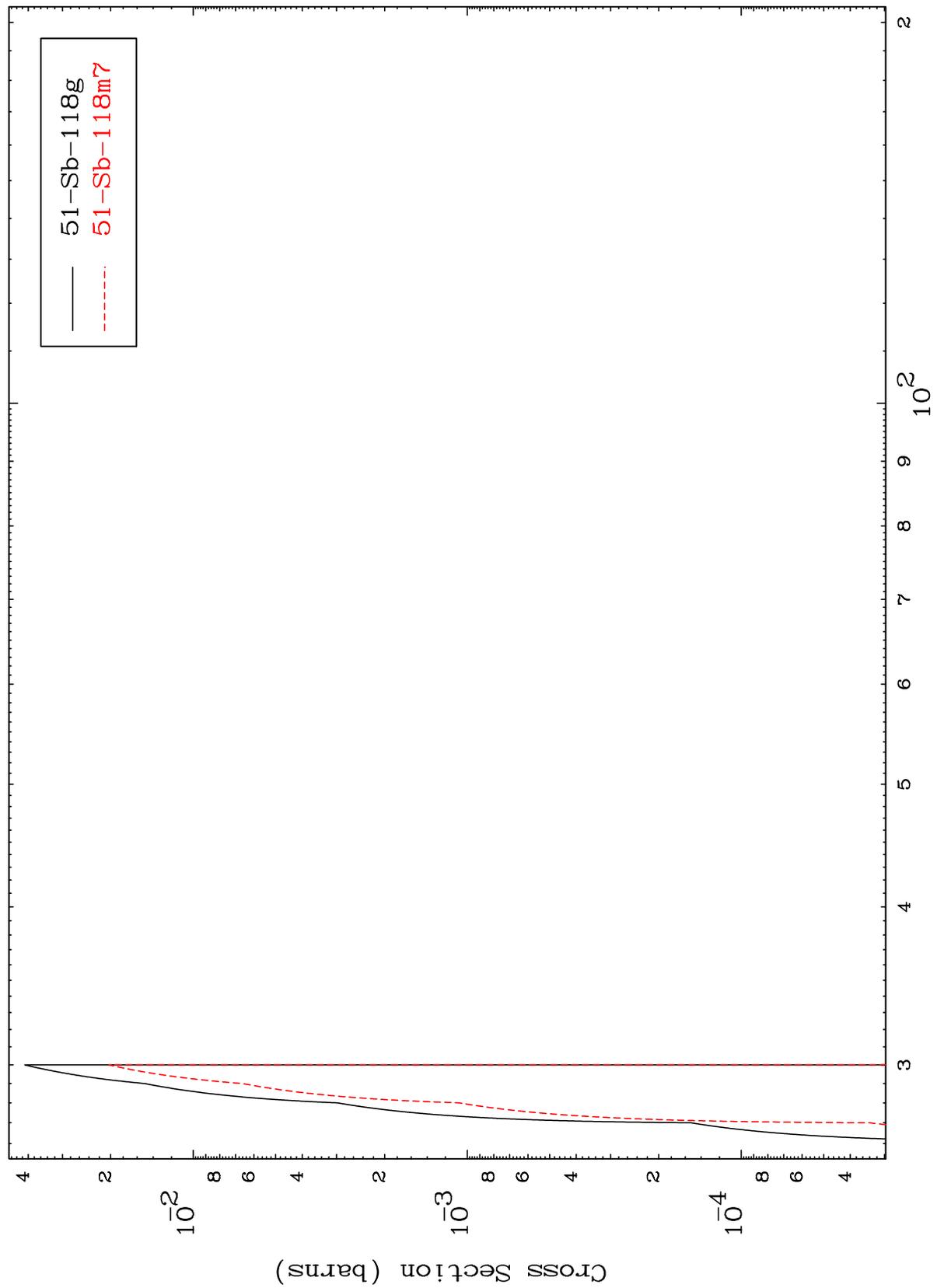
Radionuclide Production Cross Section



MAT 5125

51-Sb-121

(n,4n)  
Radionuclide Production Cross Section



129

51-Sb-121

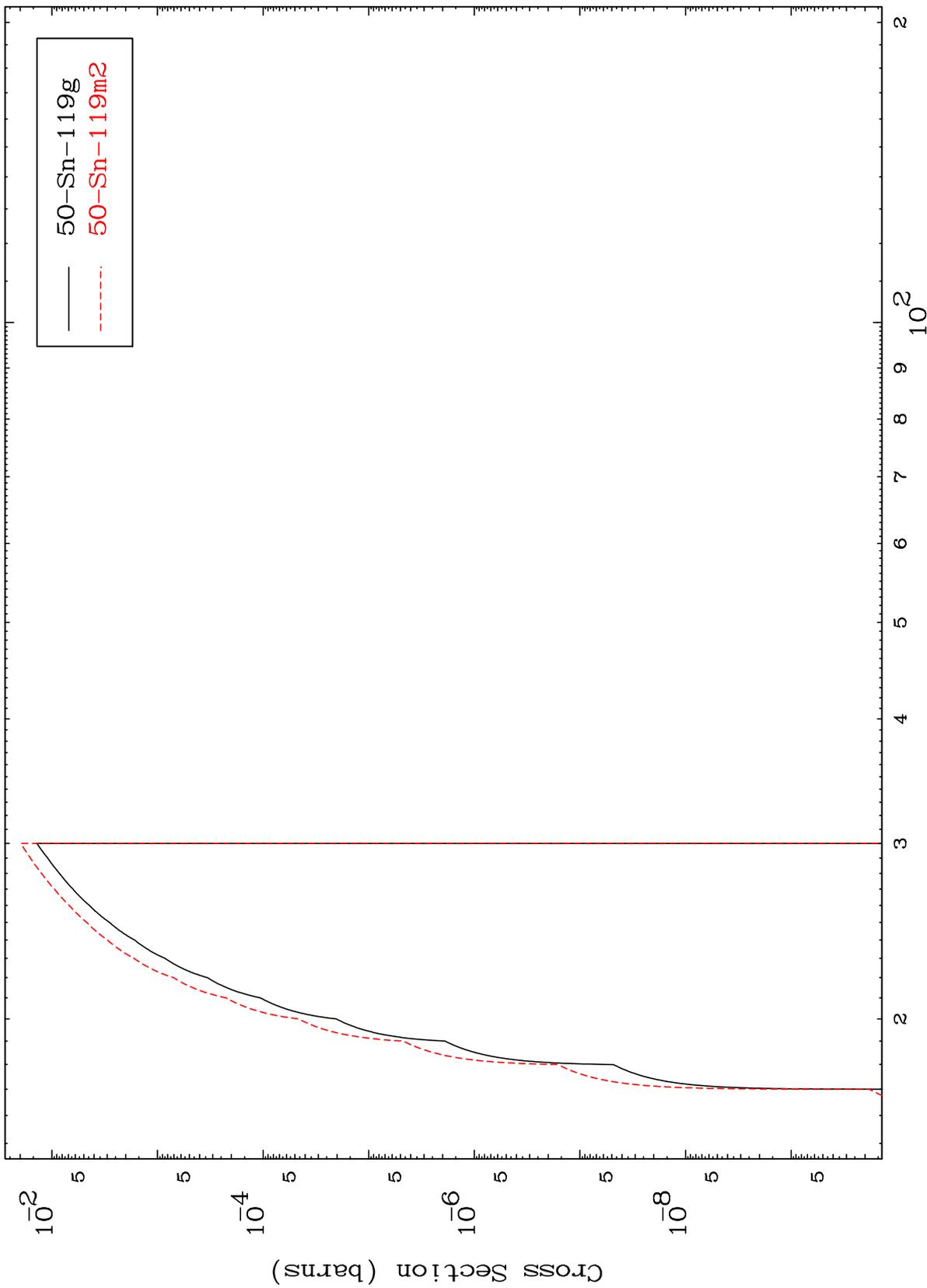
Incident Energy (MeV)

MAT 5125

(n,2n) p

51-Sb-121

Radionuclide Production Cross Section



130

Incident Energy (MeV)

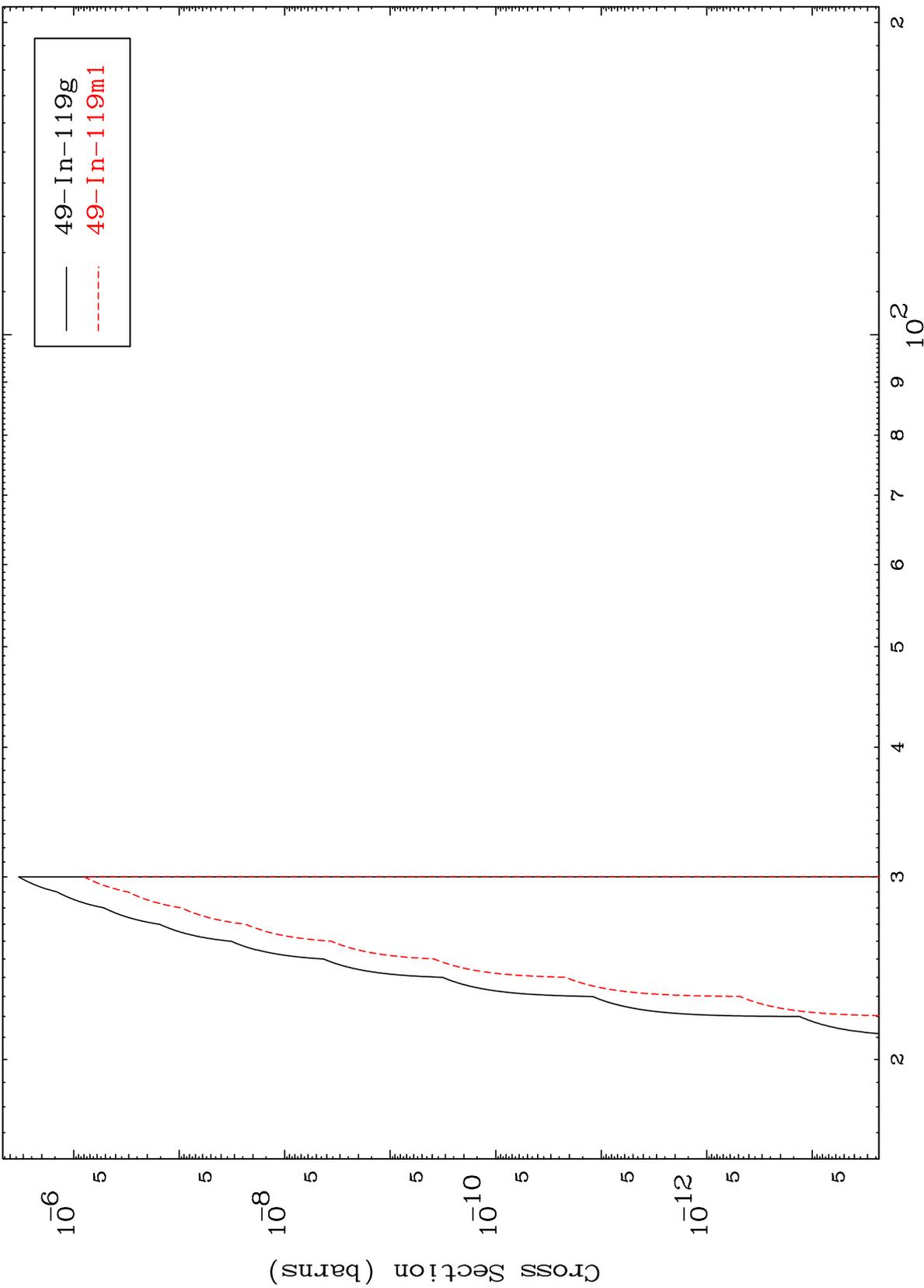
51-Sb-121

MAT 5125

(n,2n) p

51-Sb-121

Radionuclide Production Cross Section



131

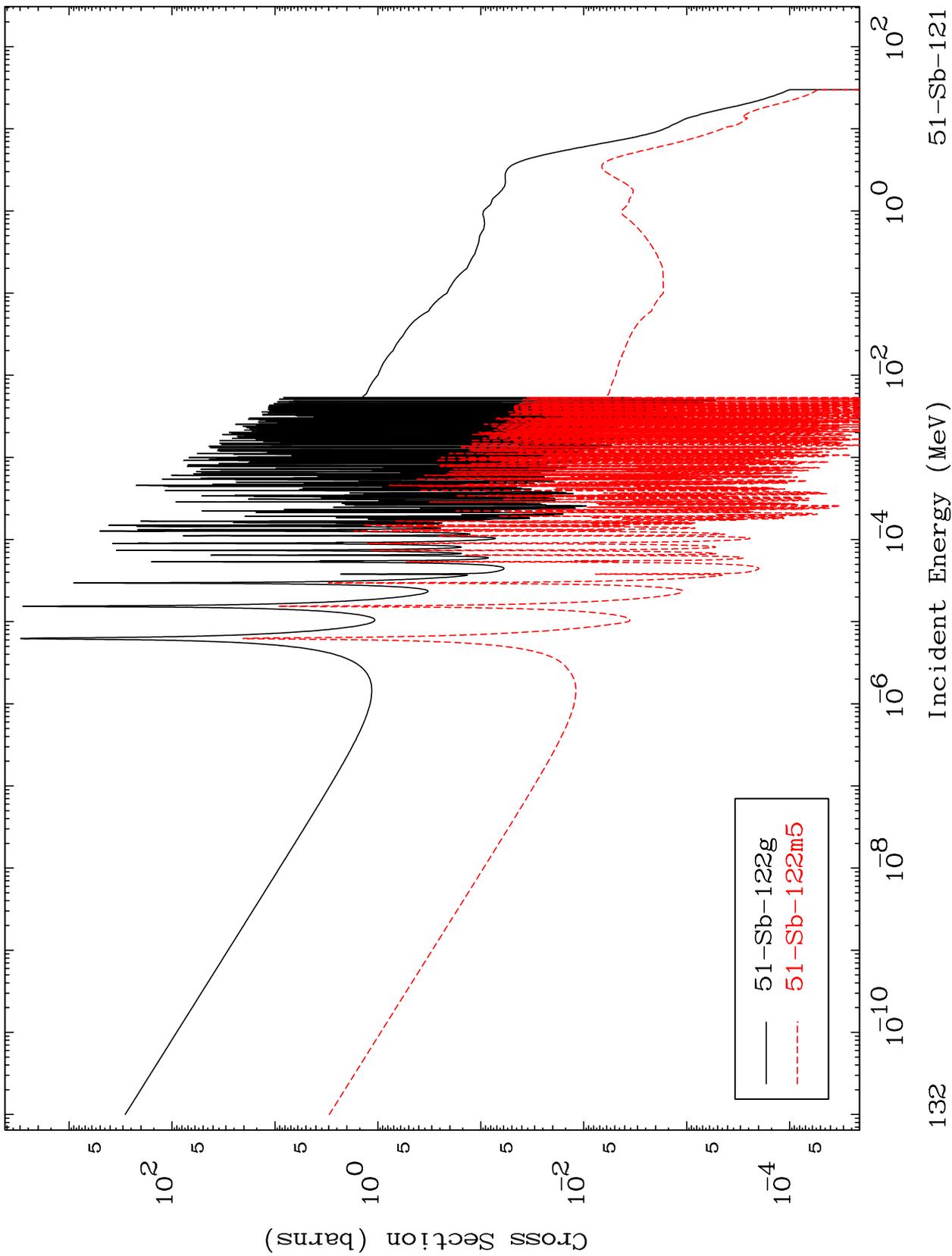
Incident Energy (MeV)

51-Sb-121

MAT 5125

51-Sb-121

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



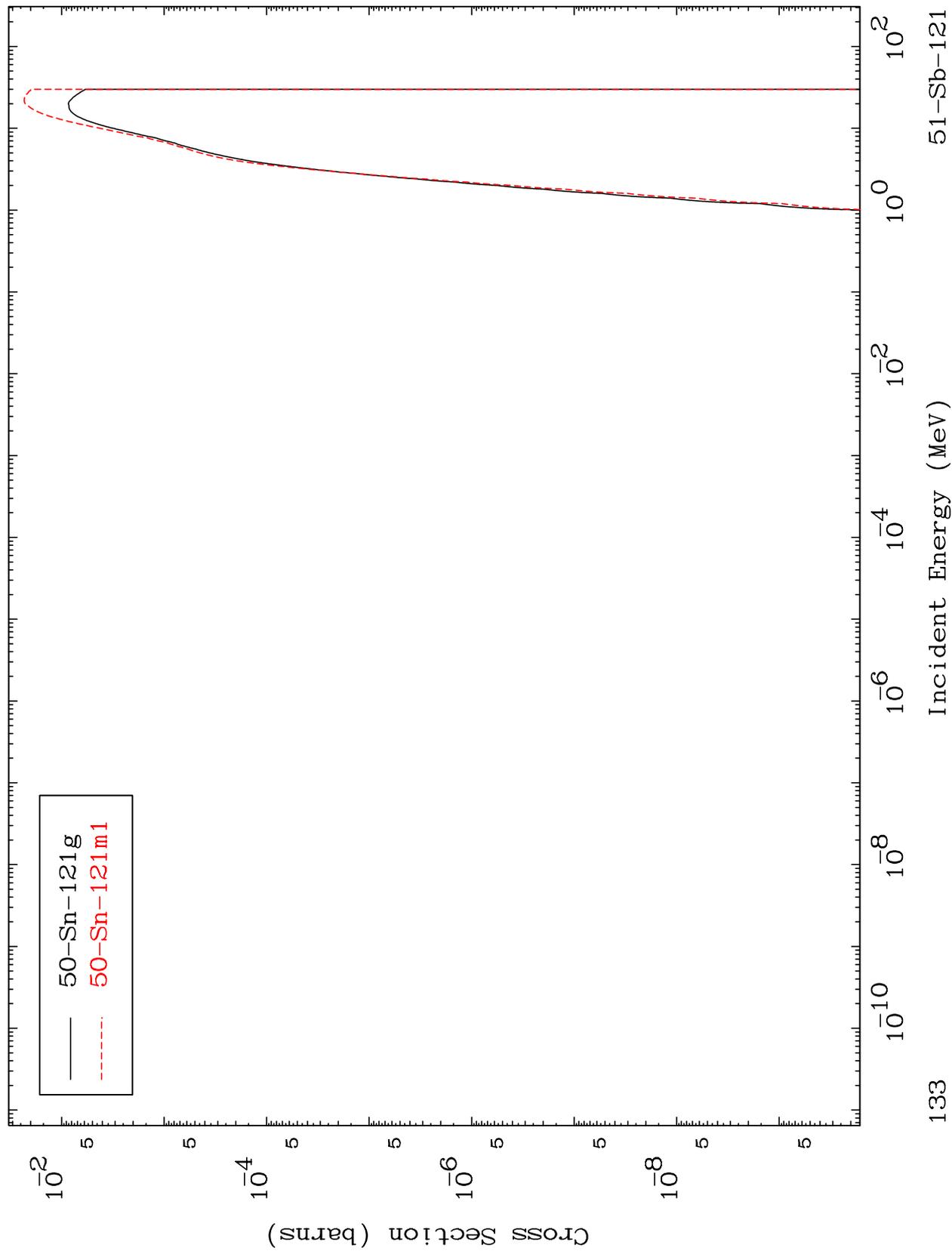
132

51-Sb-121

MAT 5125

51-Sb-121

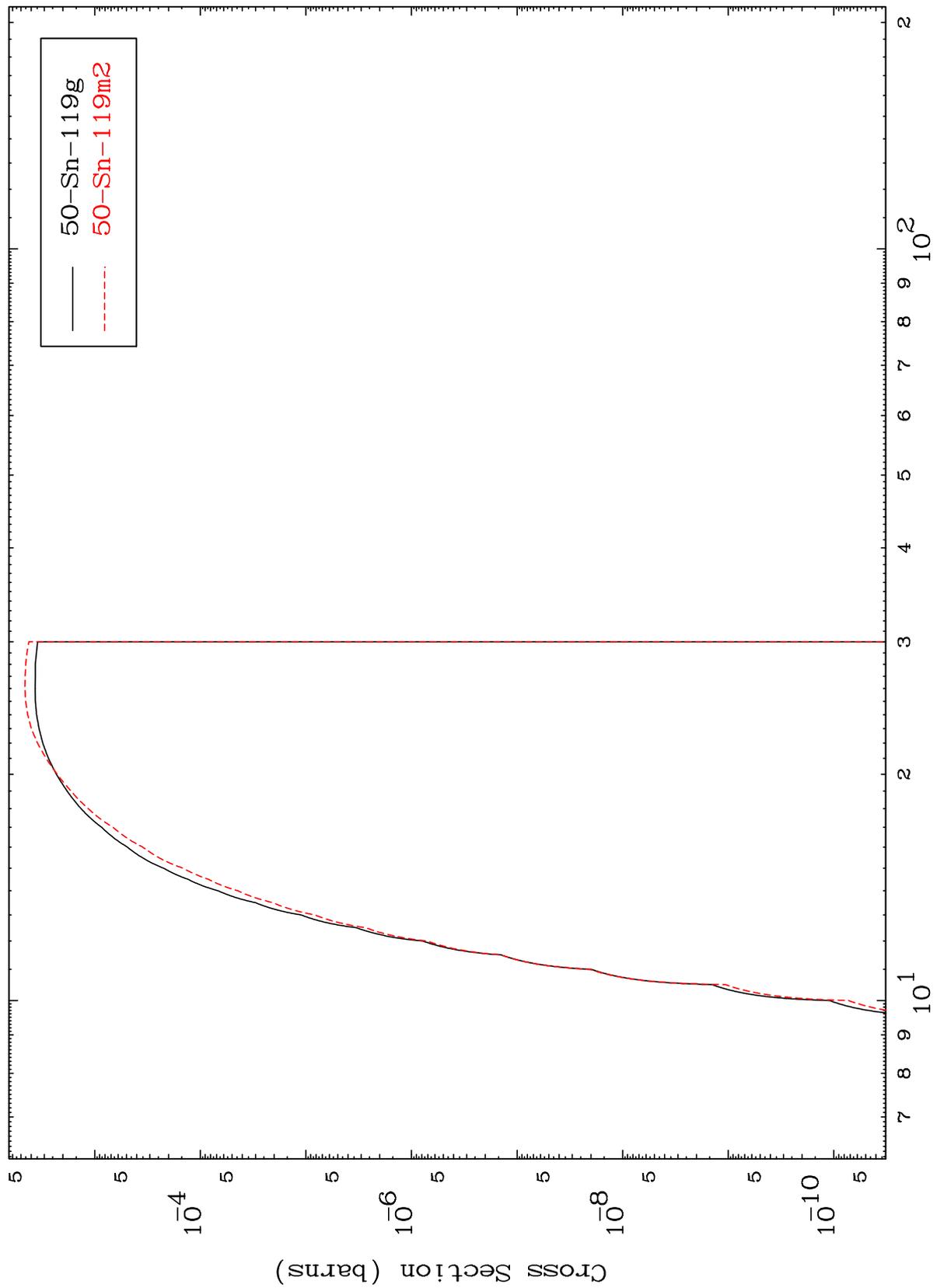
(n,p)  
Radionuclide Production Cross Section



MAT 5125

51-Sb-121

(n,t)  
Radionuclide Production Cross Section



134

Incident Energy (MeV)

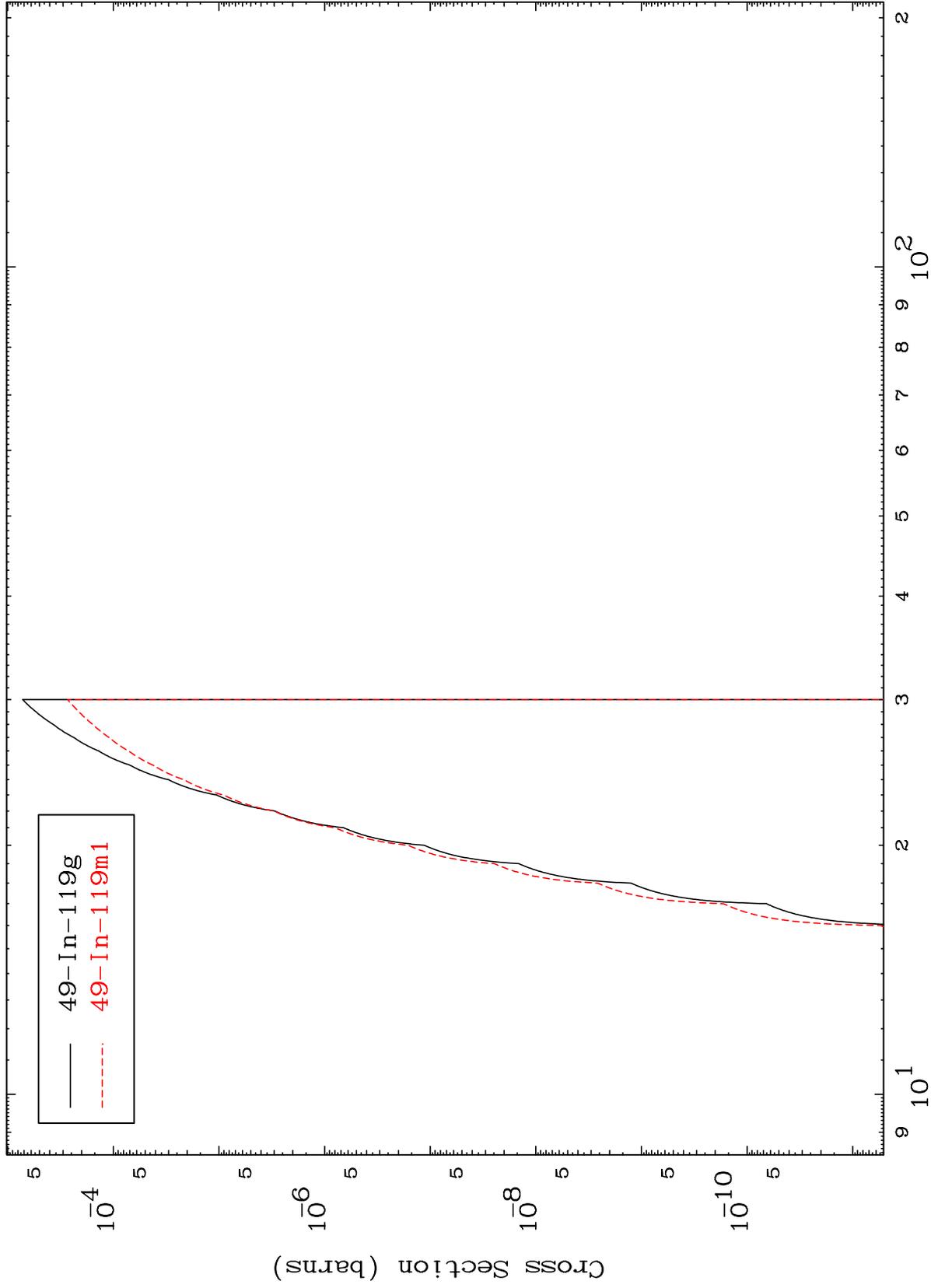
51-Sb-121

MAT 5125

(n,He-3)

51-Sb-121

Radionuclide Production Cross Section



135

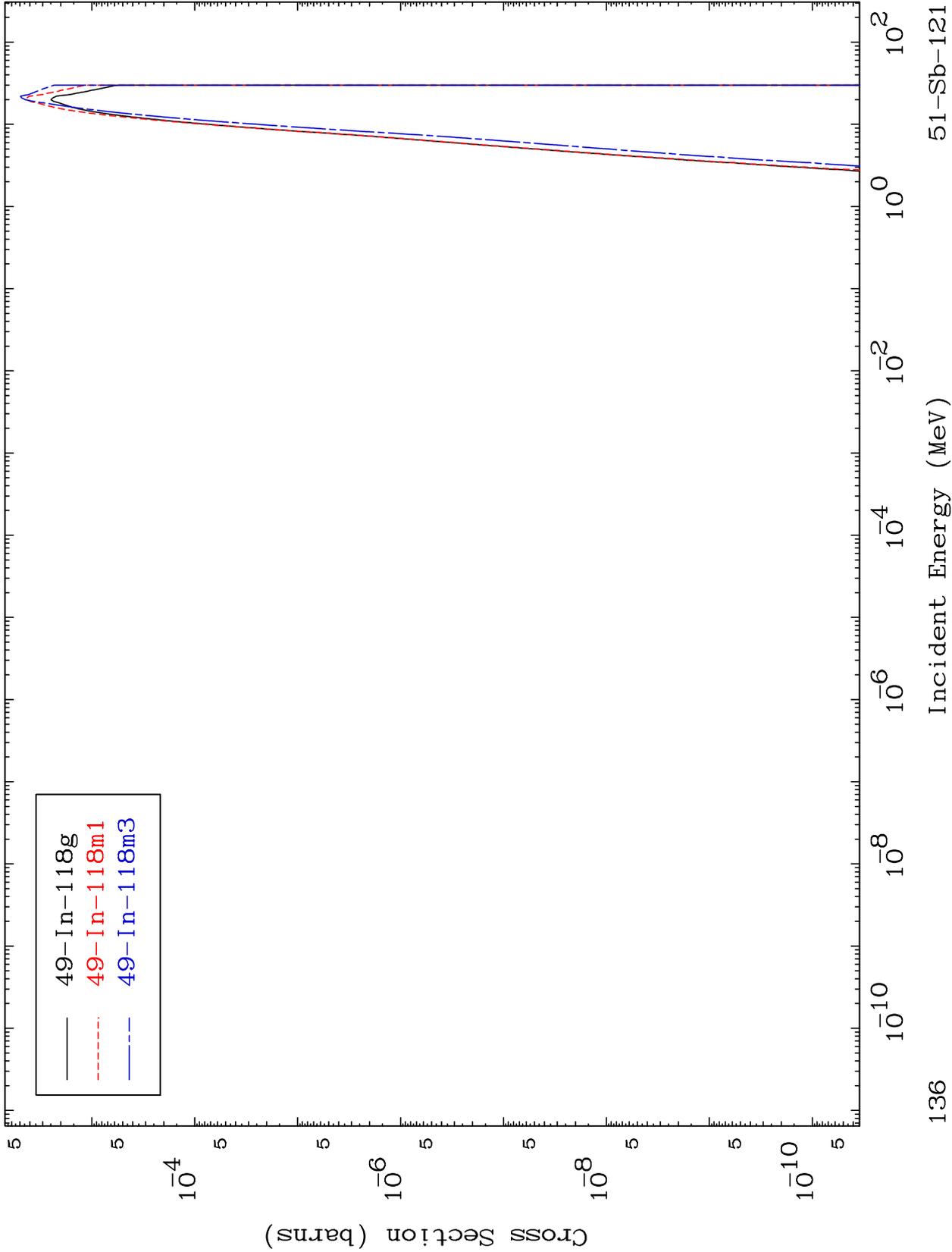
Incident Energy (MeV)

51-Sb-121

MAT 5125

51-Sb-121

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



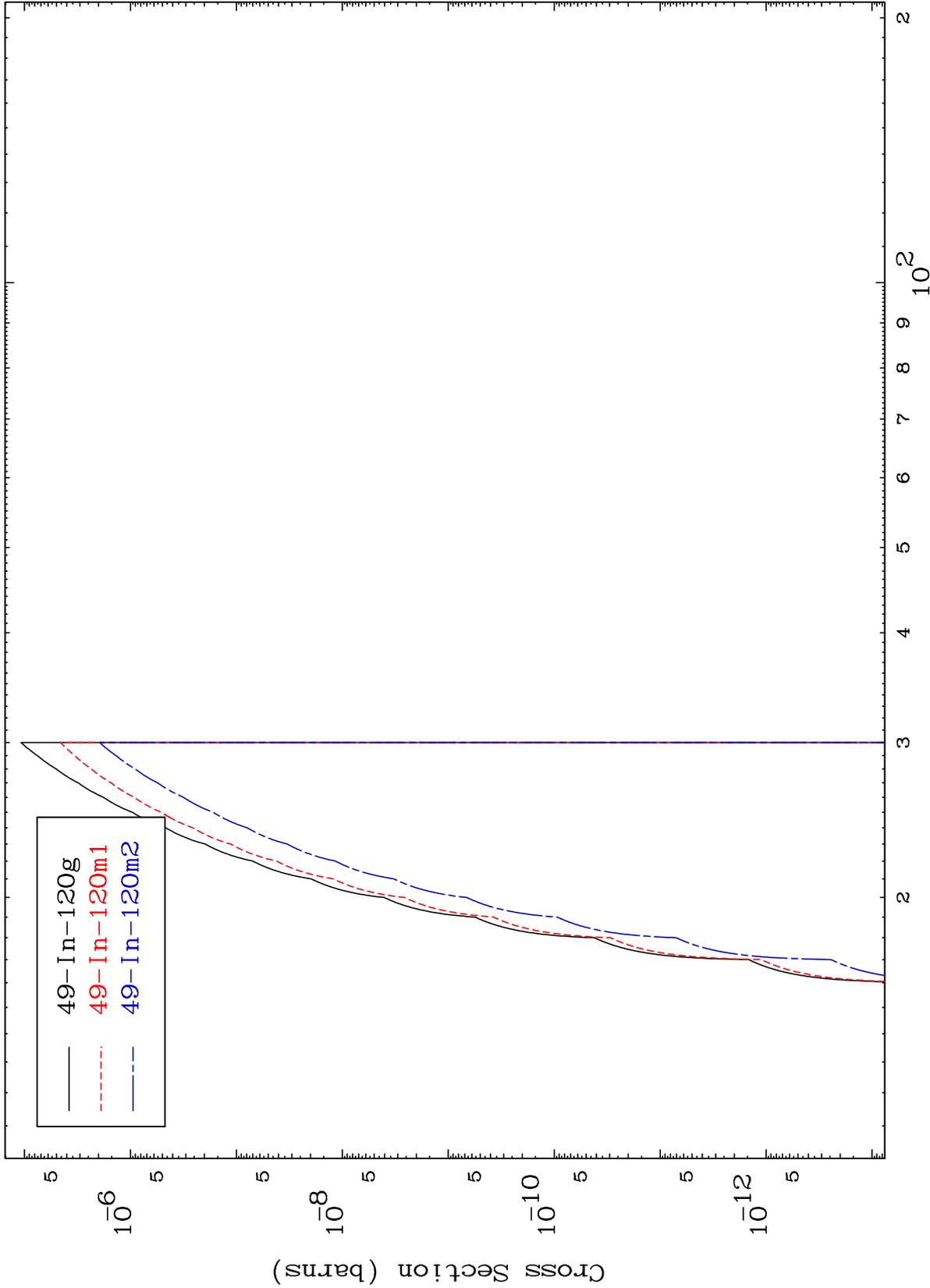
136

51-Sb-121

MAT 5125

51-Sb-121

(n,2p)  
Radionuclide Production Cross Section



137

51-Sb-121

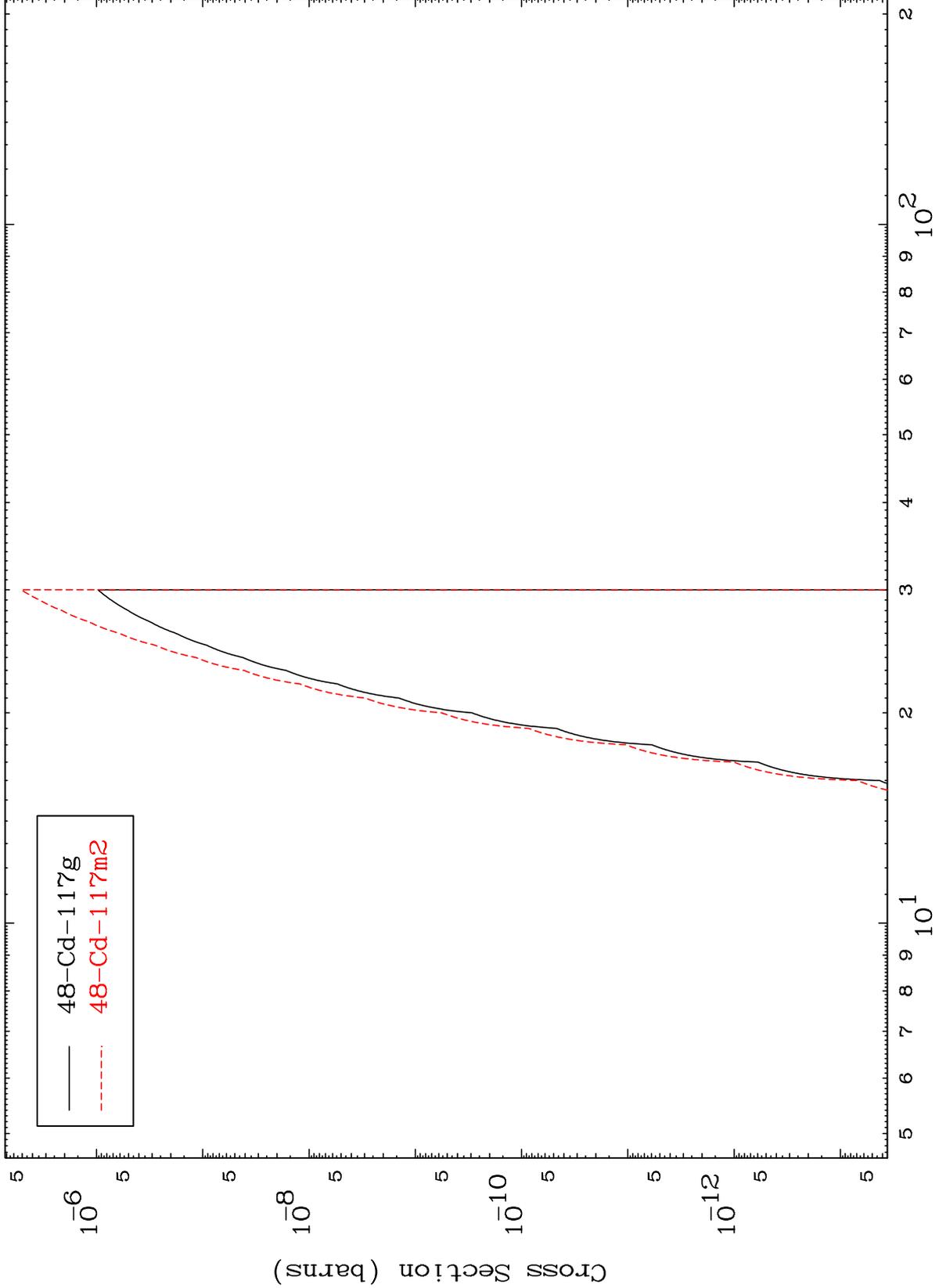
Incident Energy (MeV)

MAT 5125

(n,p)  $\alpha$

51-Sb-121

Radionuclide Production Cross Section



— 48-Cd-117g  
- - - 48-Cd-117m2

138

Incident Energy (MeV)

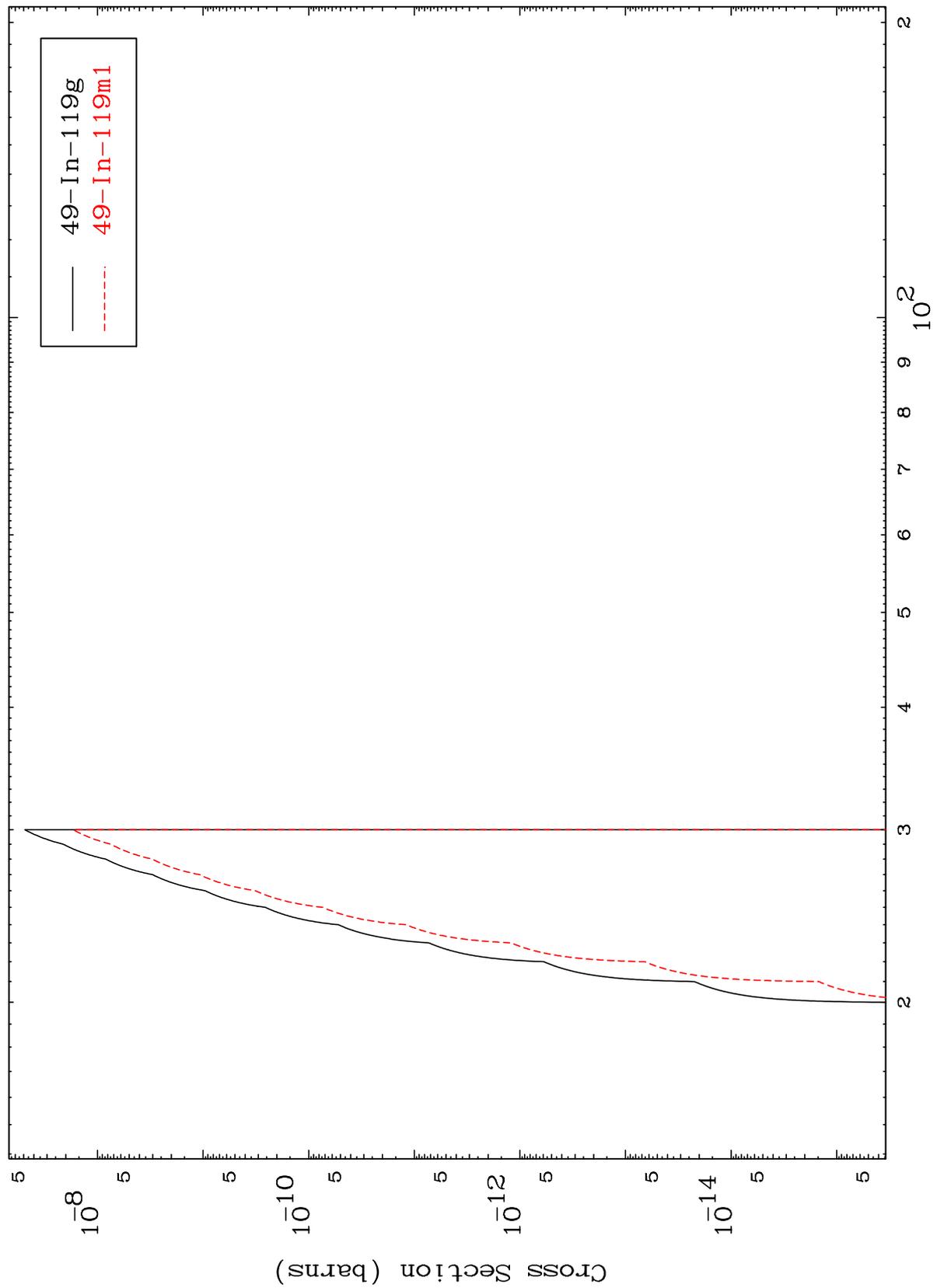
51-Sb-121

MAT 5125

(n,p) d

51-Sb-121

Radionuclide Production Cross Section



139

Incident Energy (MeV)

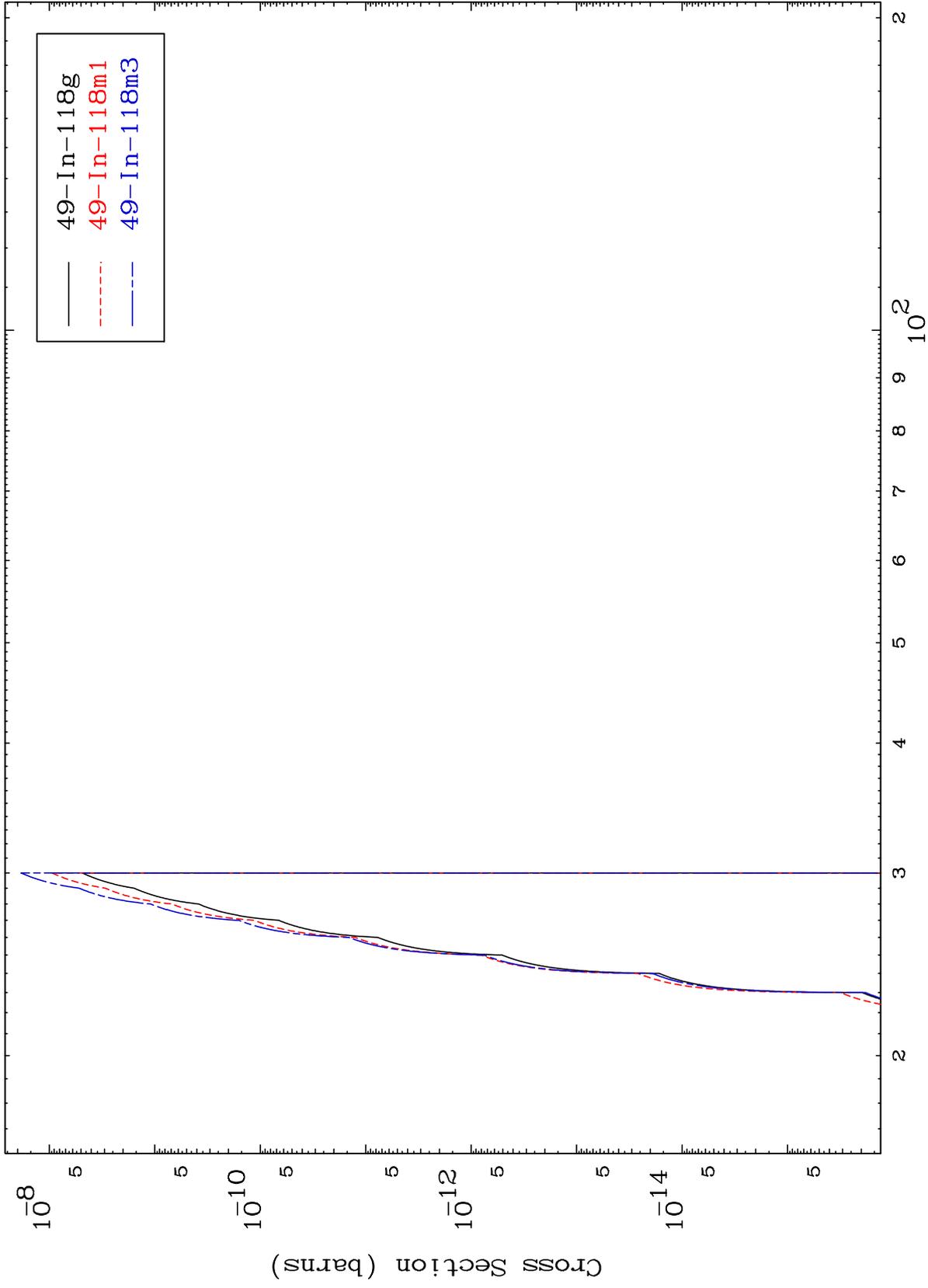
51-Sb-121

MAT 5125

(n,p) t

51-Sb-121

Radionuclide Production Cross Section



140

Incident Energy (MeV)

51-Sb-121