

Program EVALPLOT  
(Version 2015-2)

by

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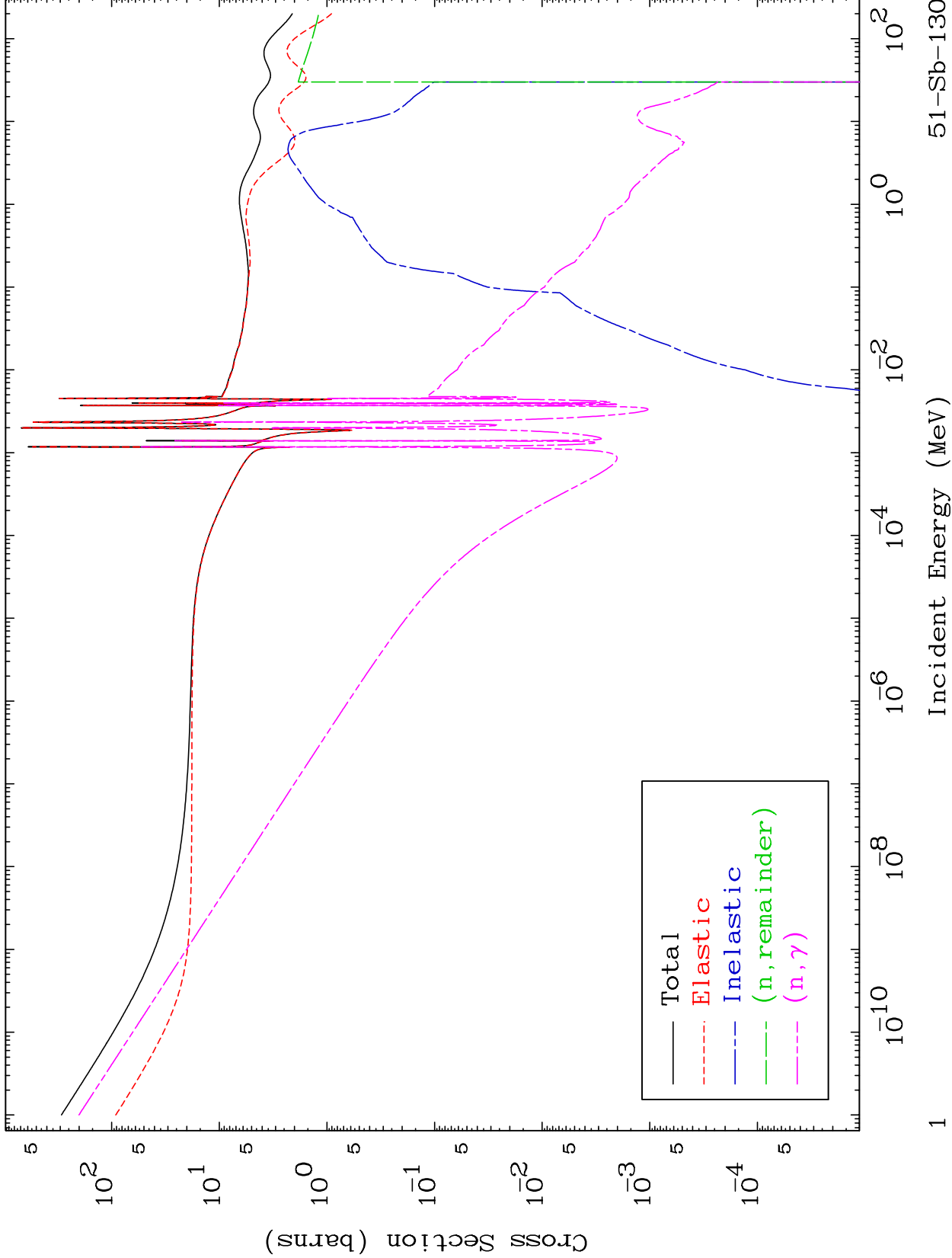
Press Mouse Button to Start

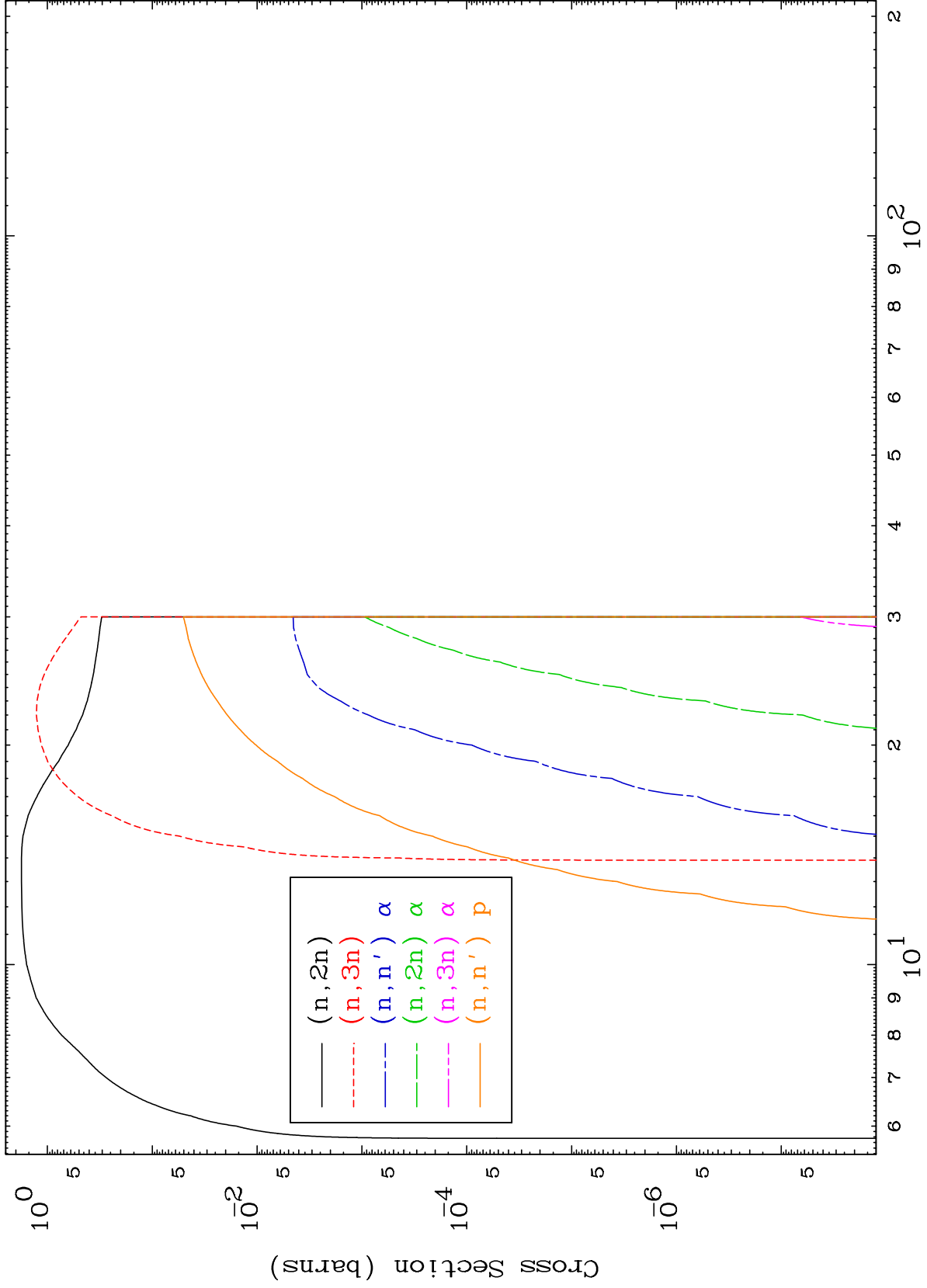
MAT 5152

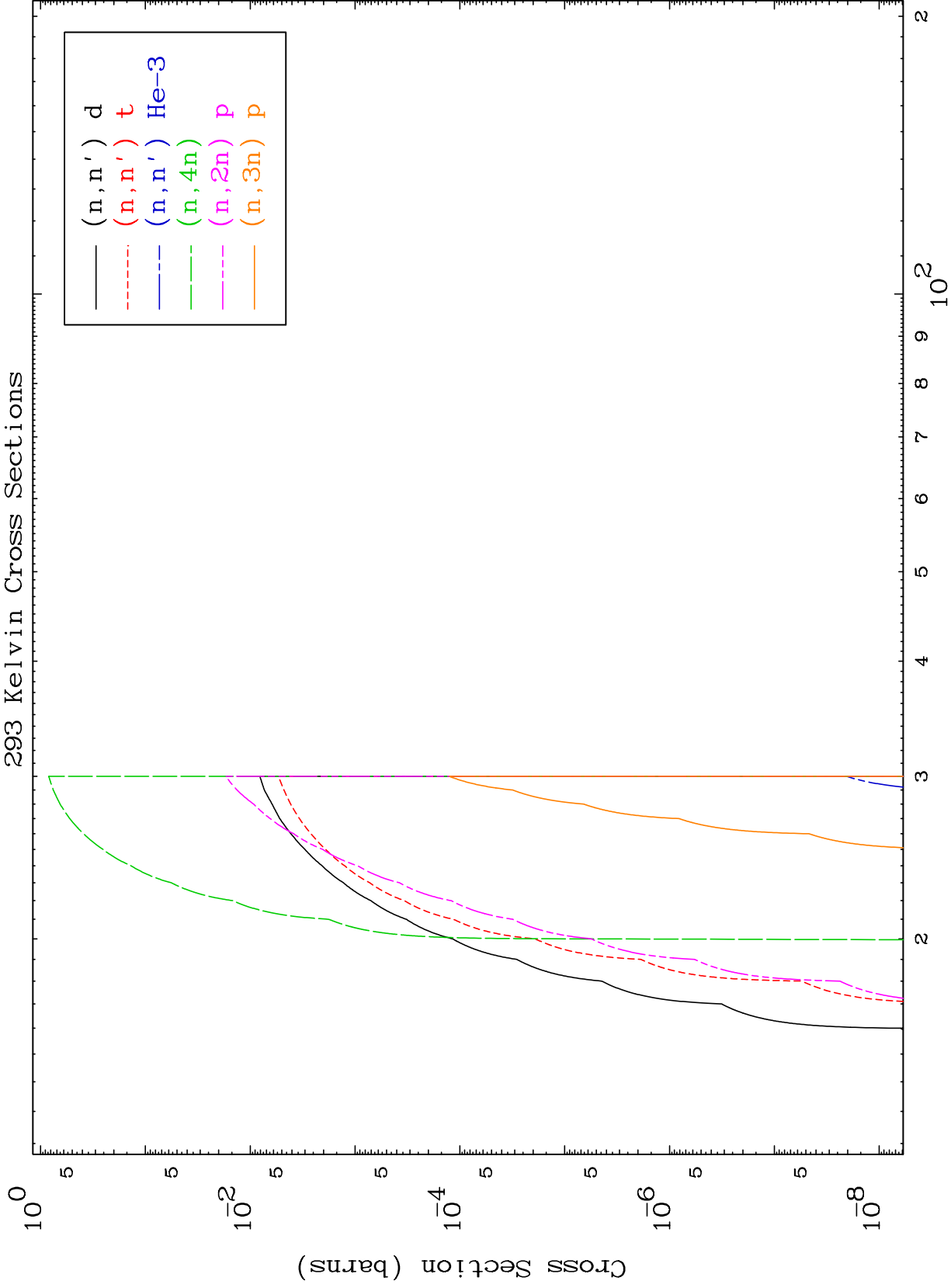
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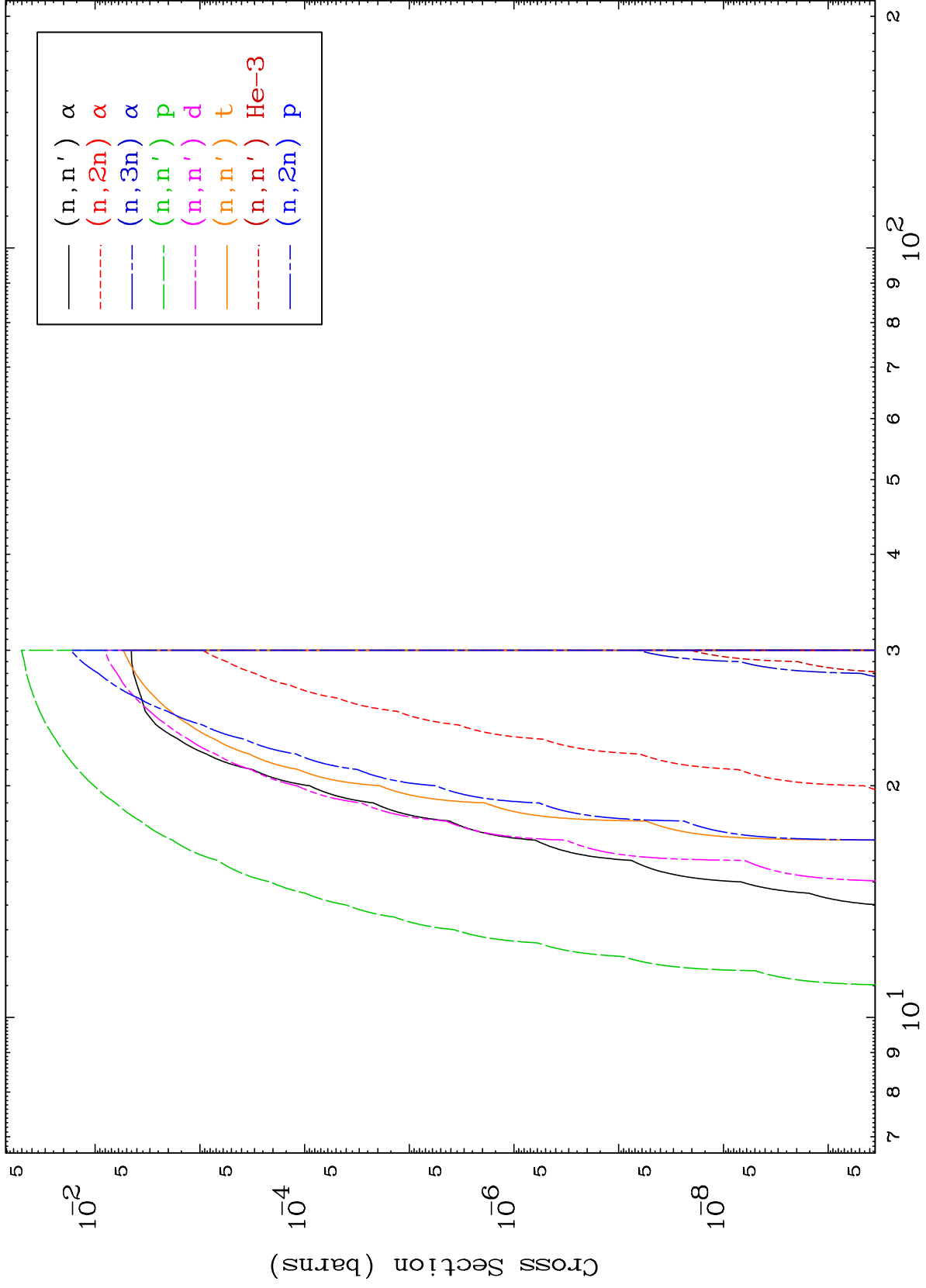
293 Kelvin Cross Sections

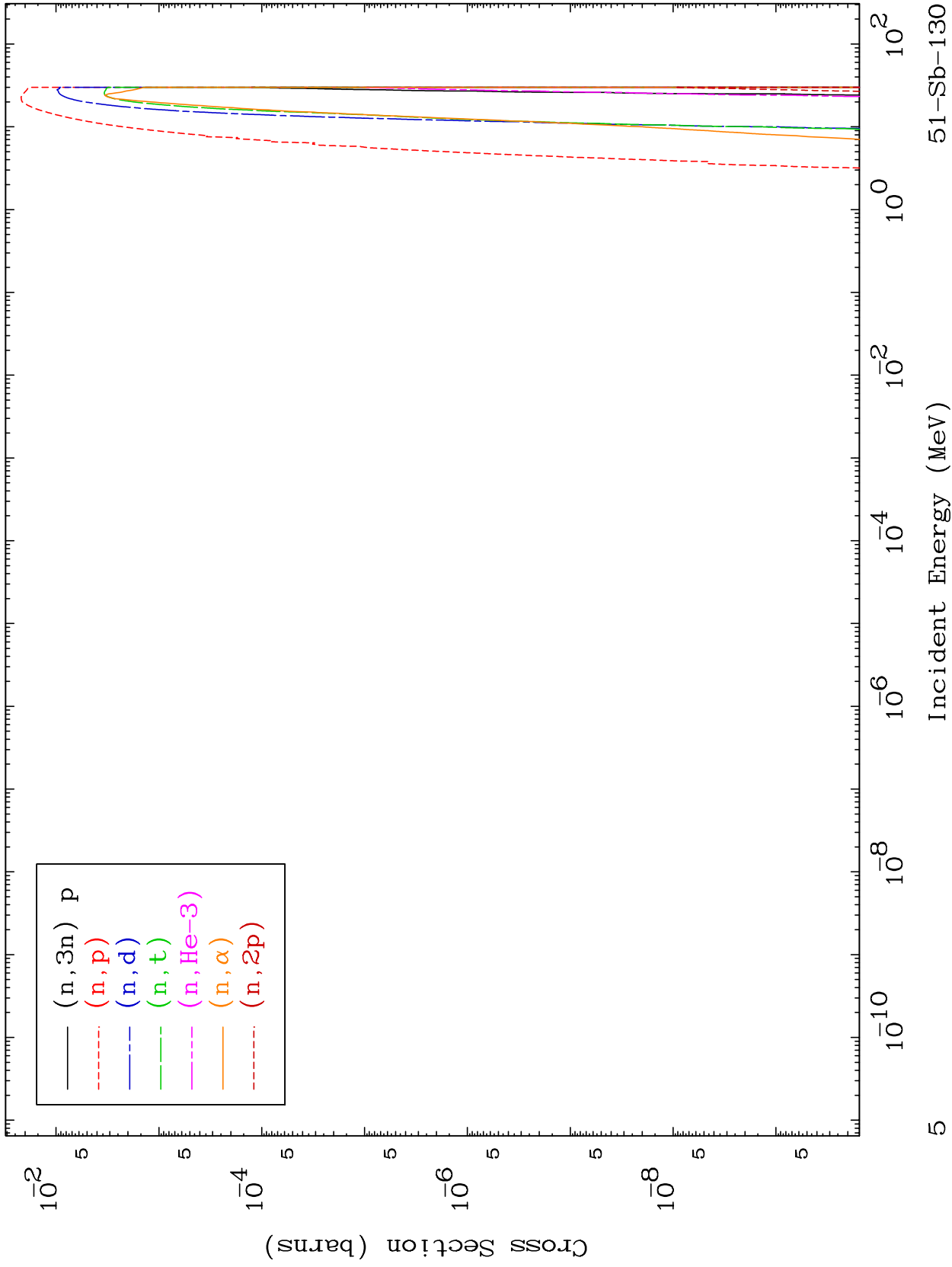
51-Sb-130







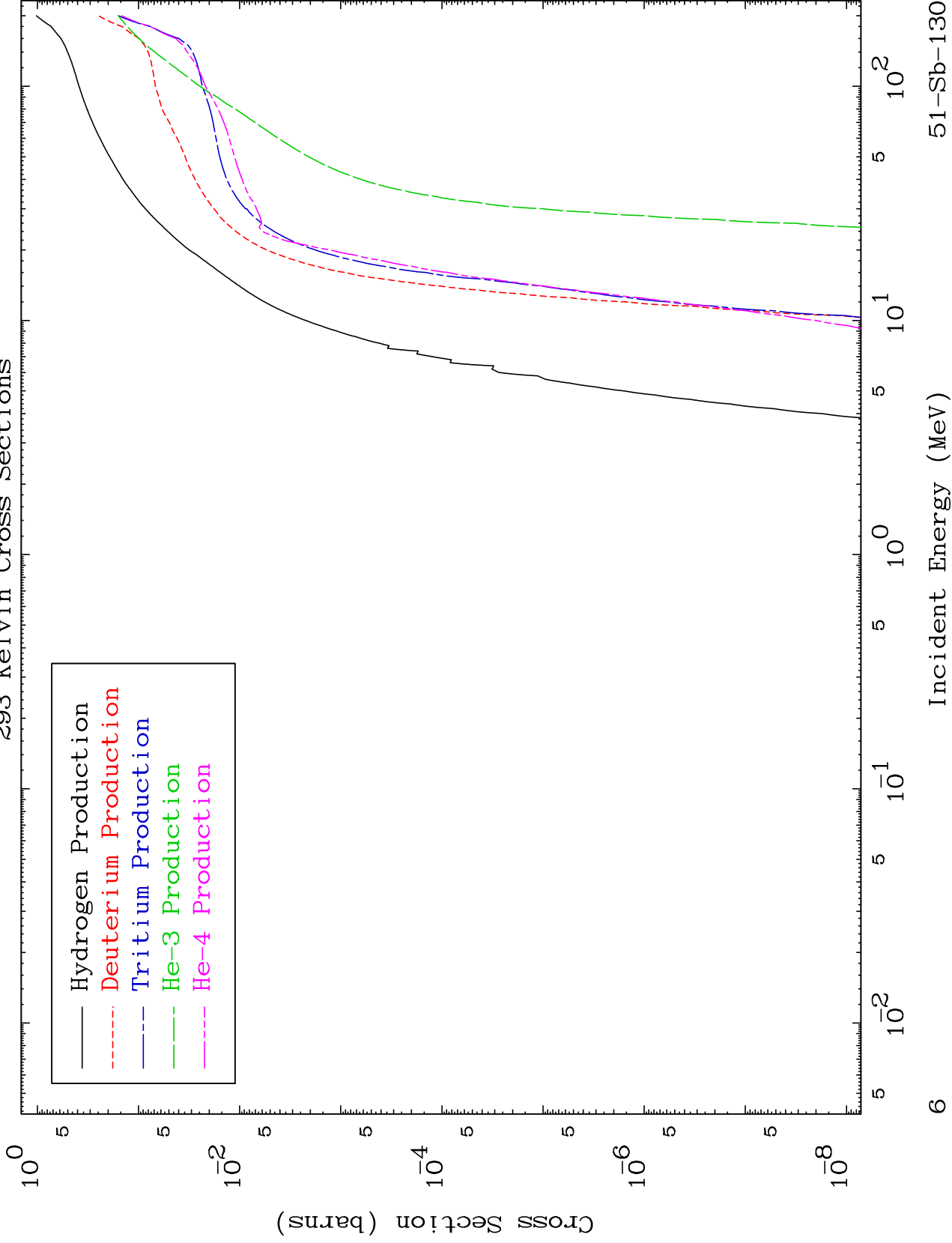




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Particle Production  
293 Kelvin Cross Sections

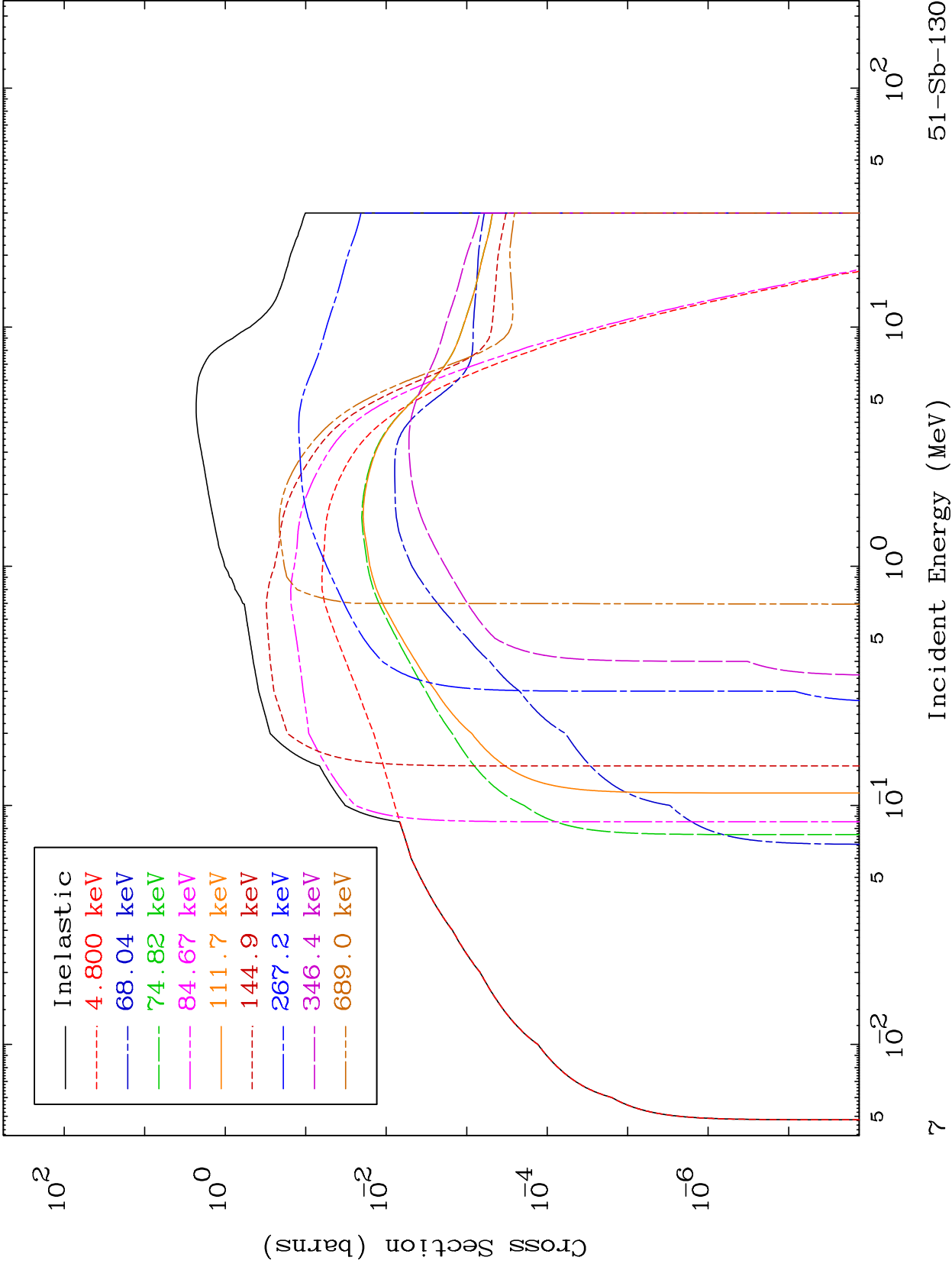
51-Sb-130



MAT 5152

(n,n') Level  
293 Kelvin Cross Sections

51-Sb-130

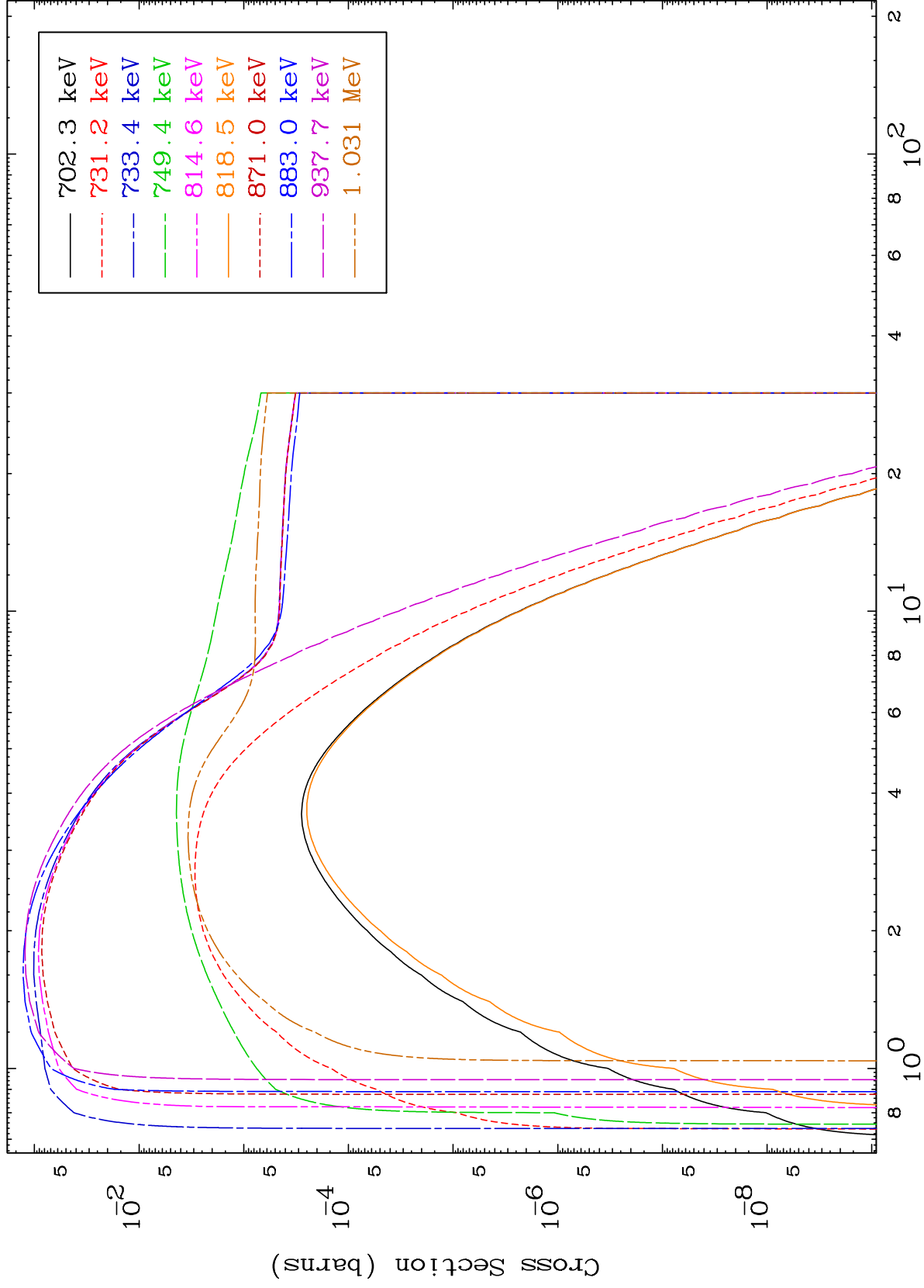




MAT 5152

(n,n') Level  
293 Kelvin Cross Sections

51-Sb-130



8

Incident Energy (MeV)

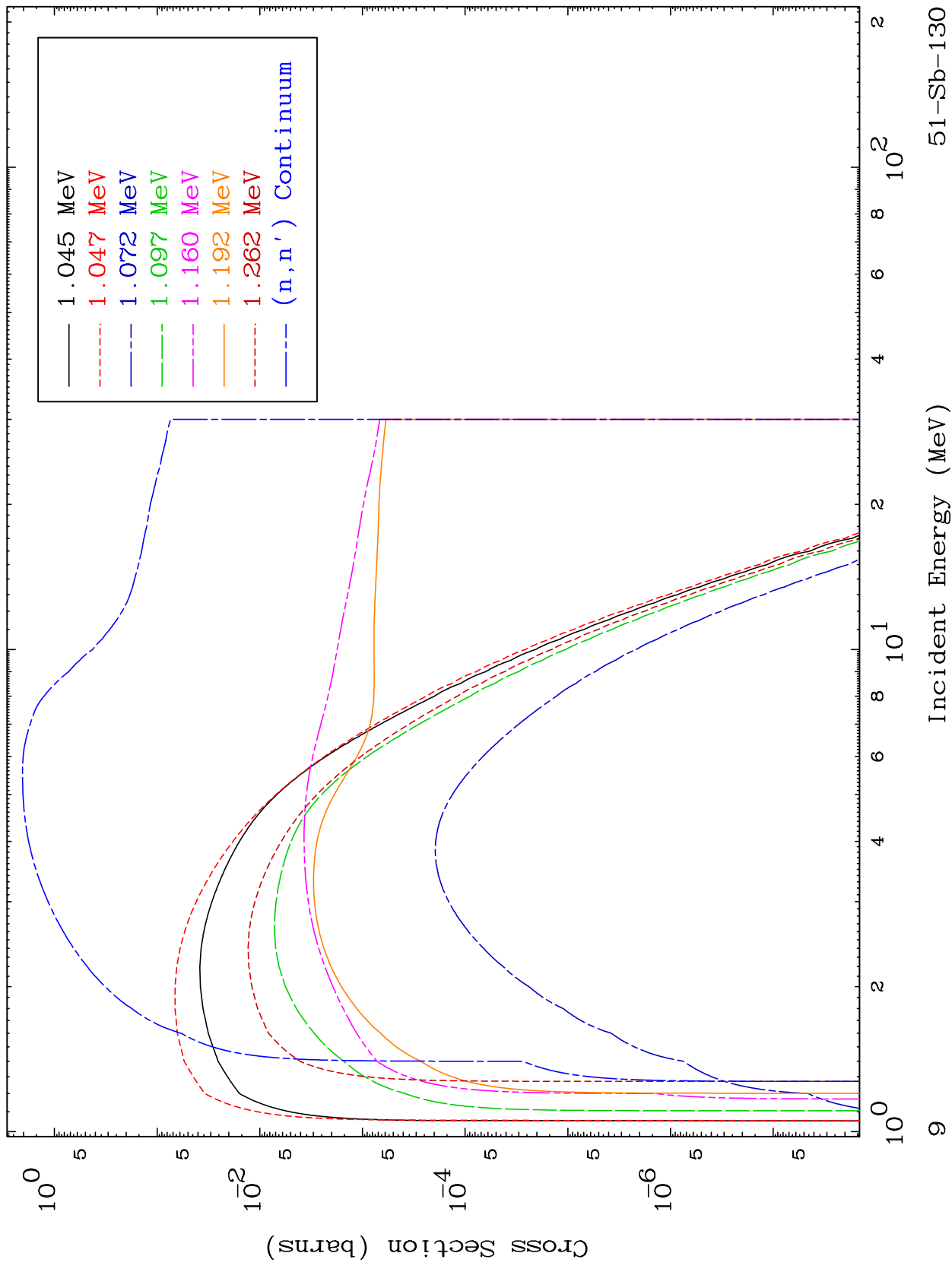
51-Sb-130

MAT 5152

(n,n') Level

51-Sb-130

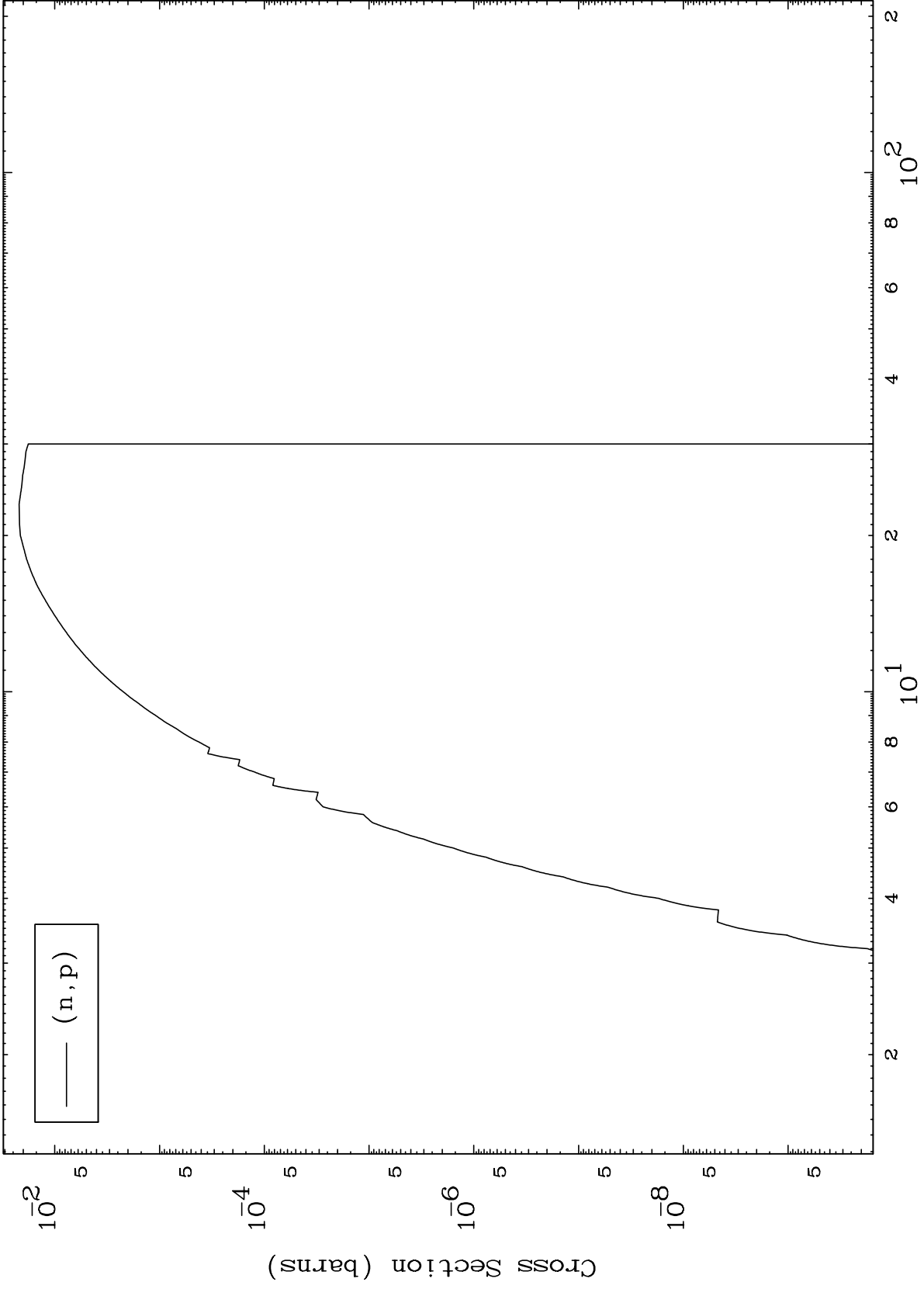
293 Kelvin Cross Sections



MAT 5152

(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-130



10

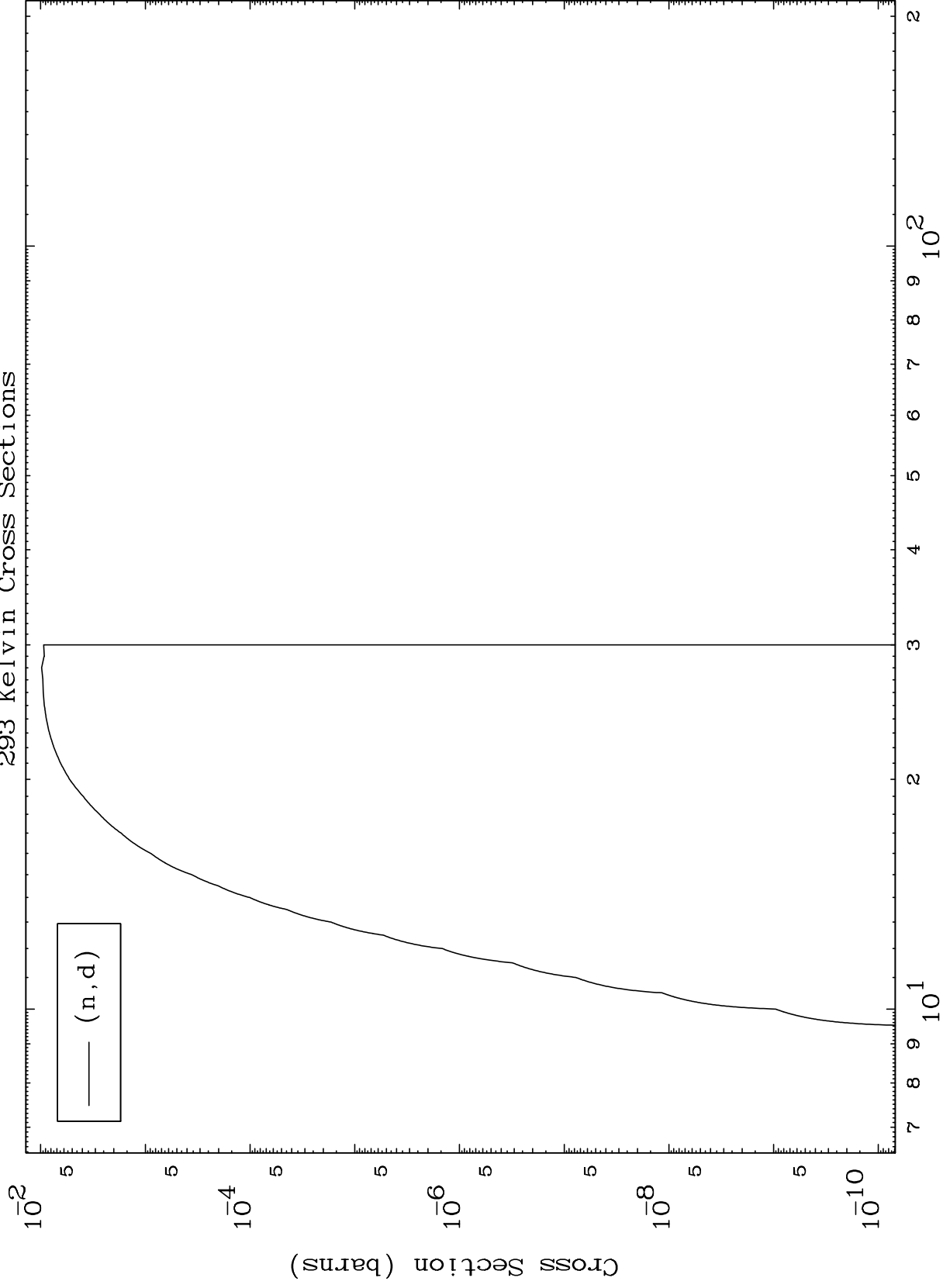
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-130



11

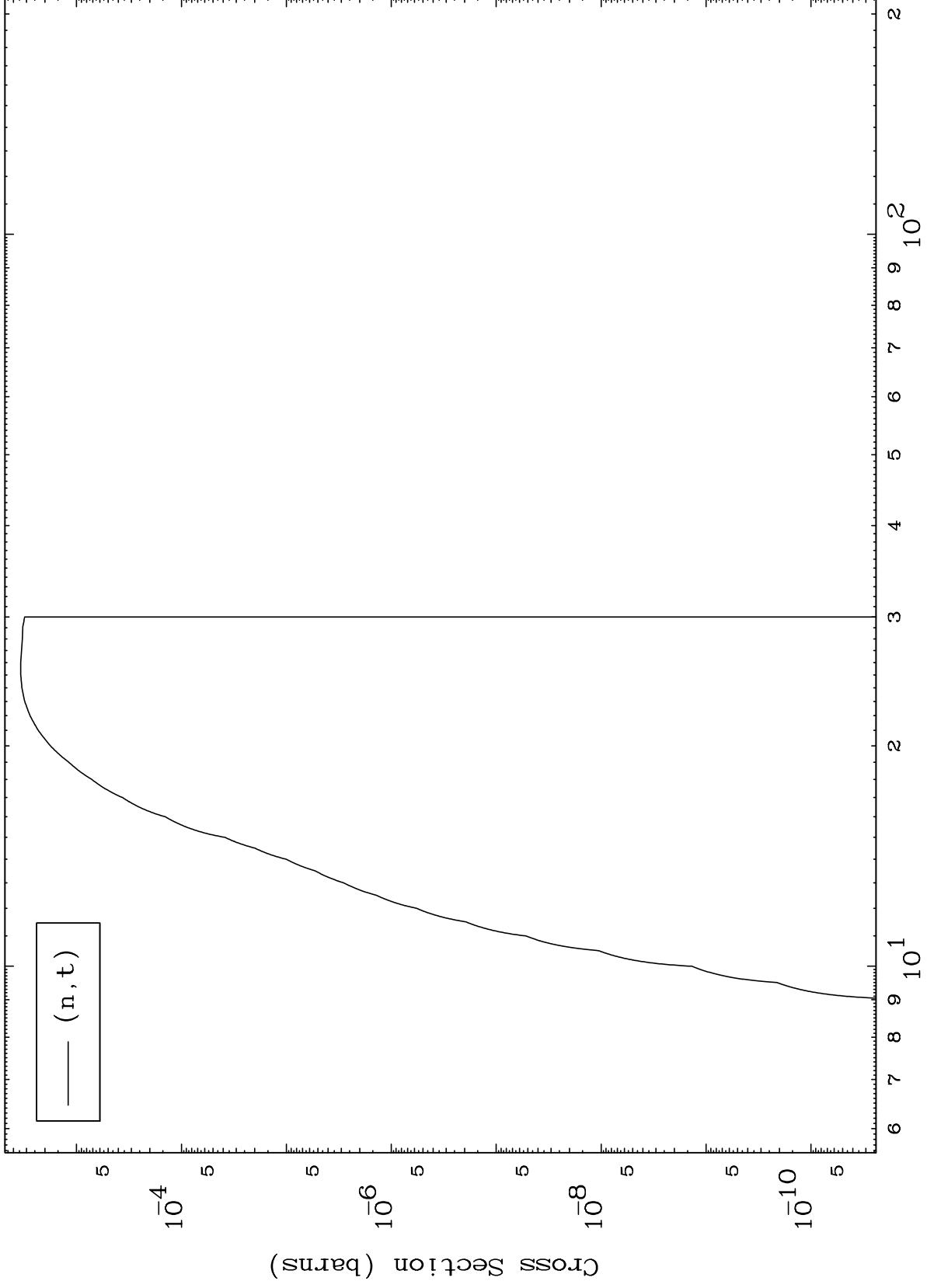
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-130



12

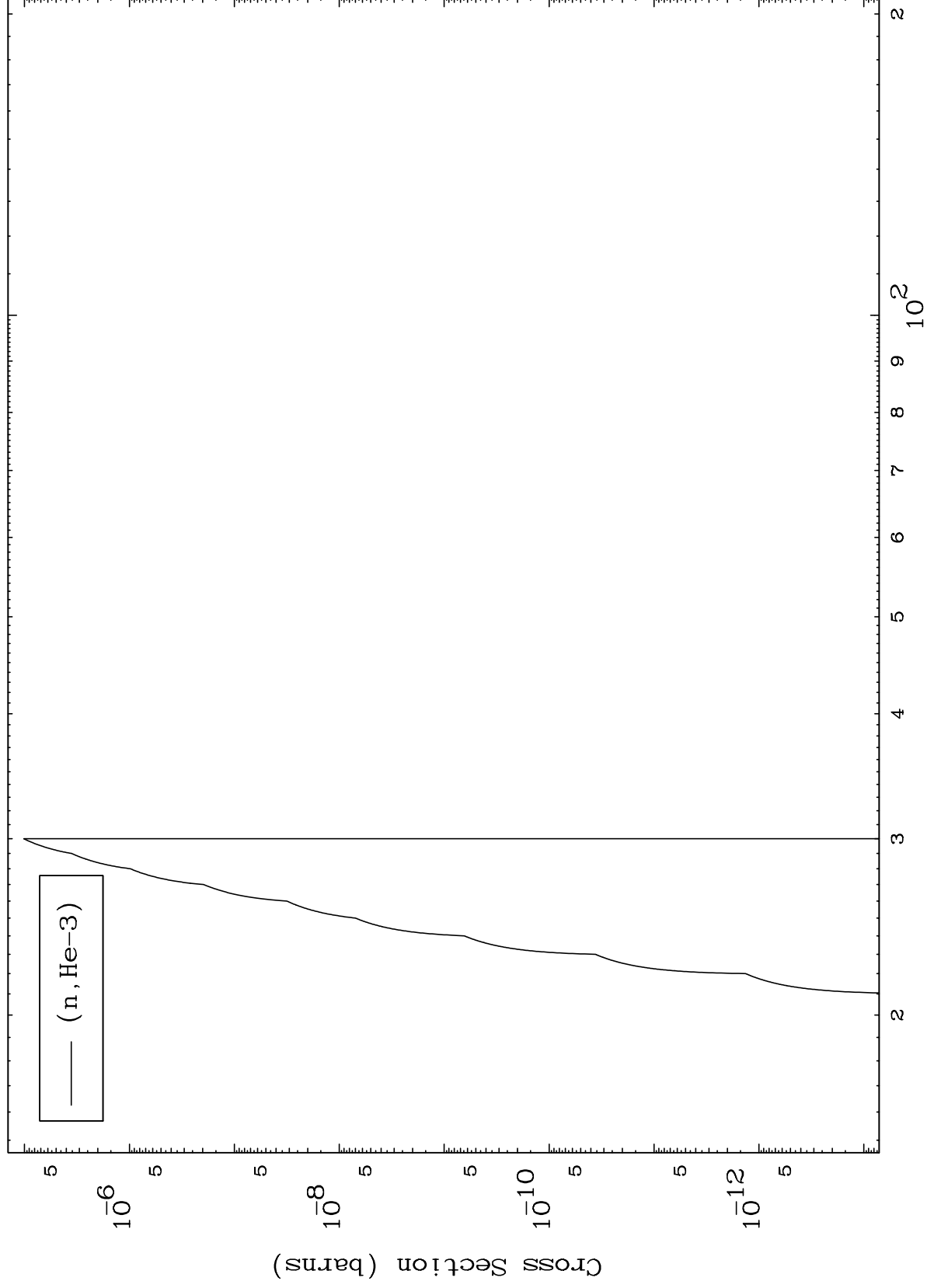
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-130



13

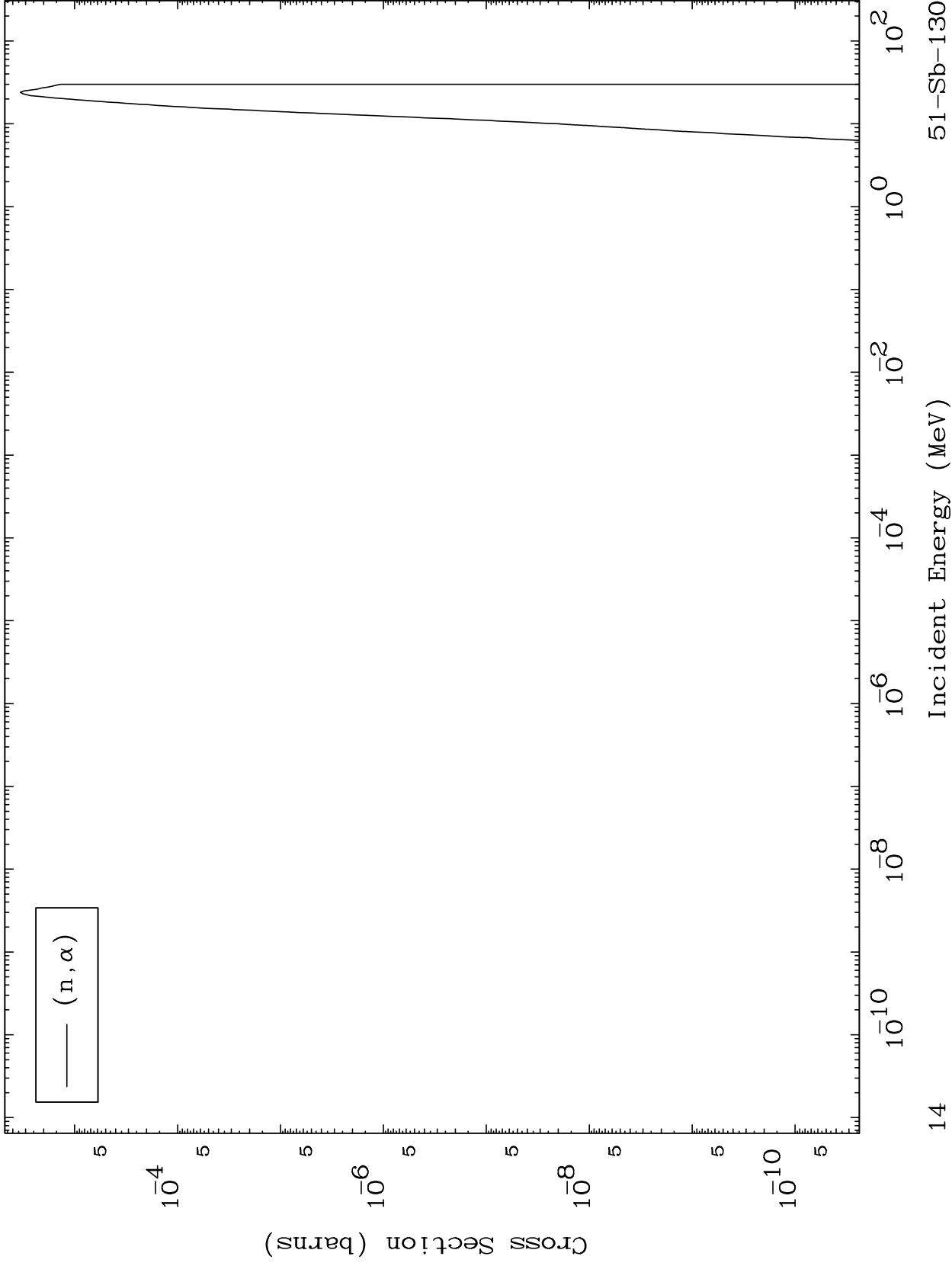
Incident Energy (MeV)

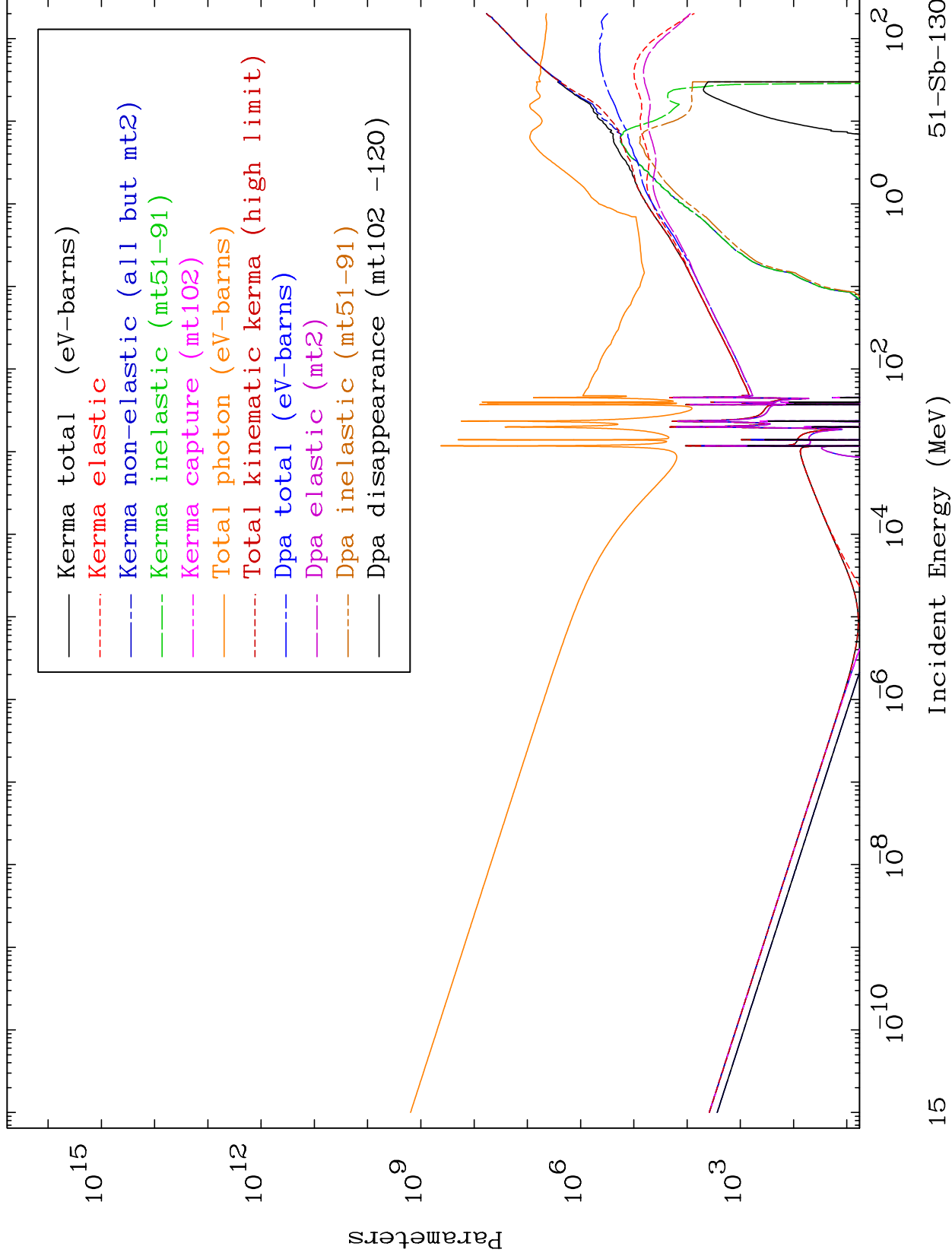
51-Sb-130

MAT 5152

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

51-Sb-130



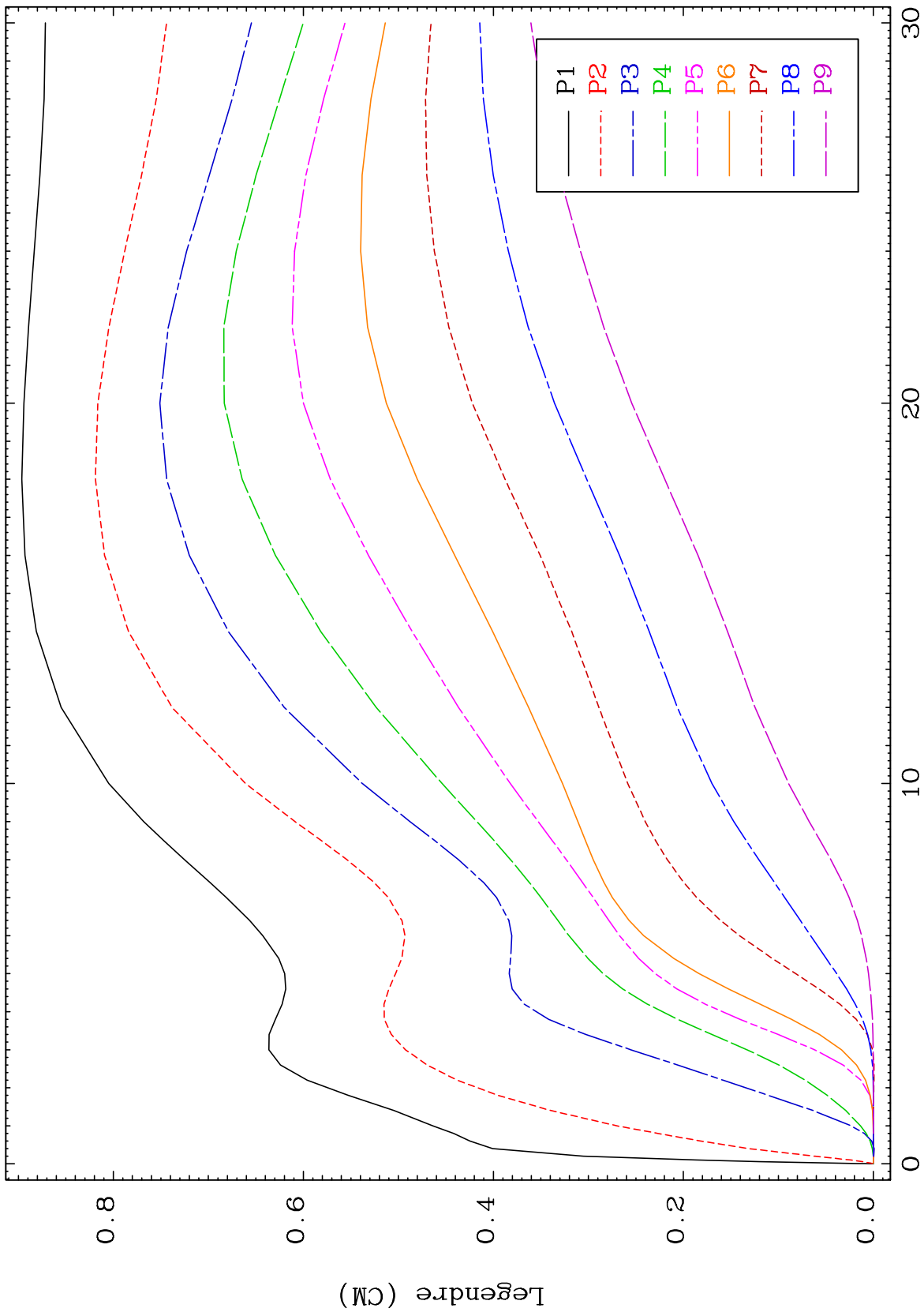




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51-Sb-130

Elastic Legendre Coefficients



16

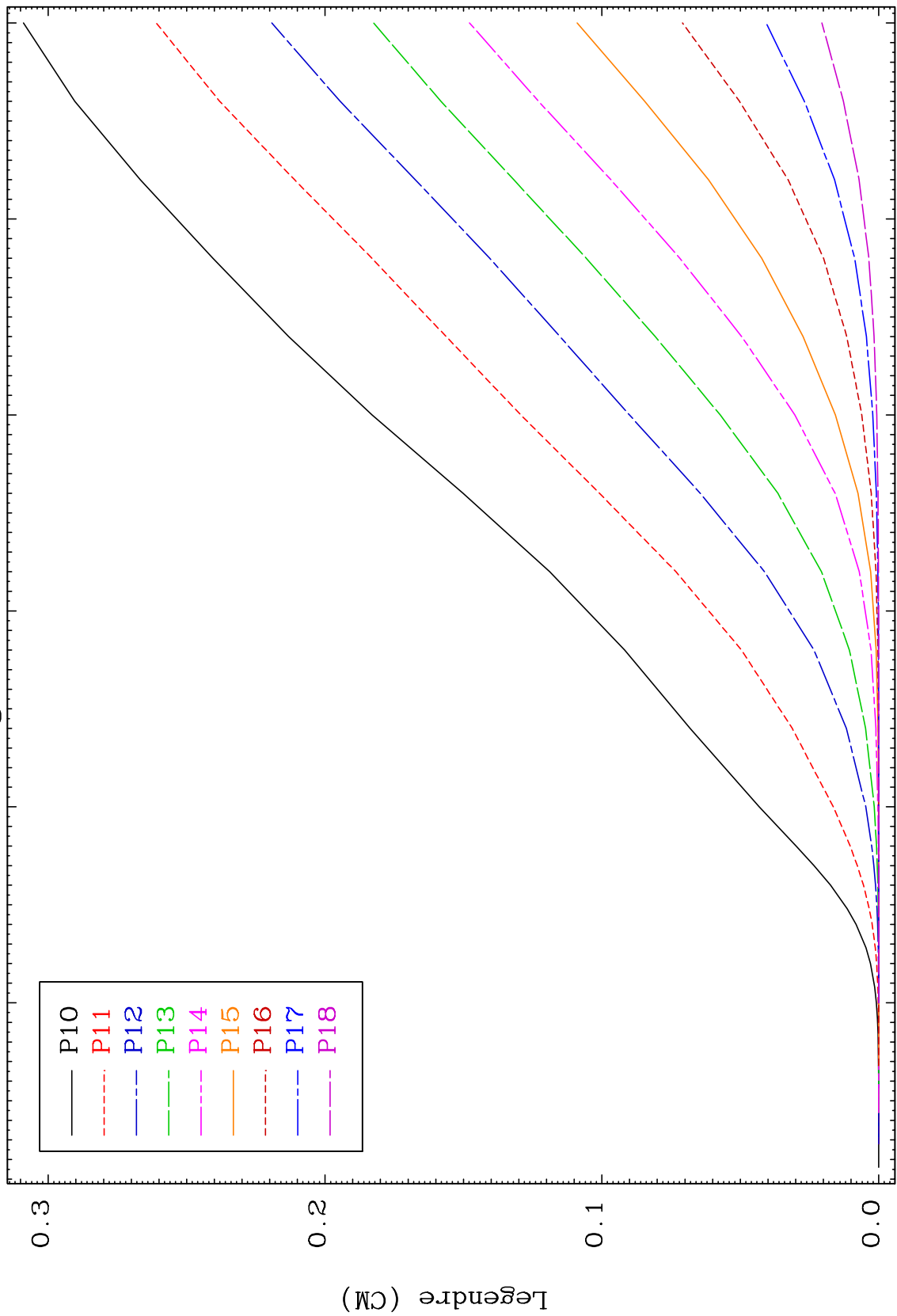
Incident Energy (MeV)

51-Sb-130

MAT 5152

Elastic Legendre Coefficients

51-Sb-130



17

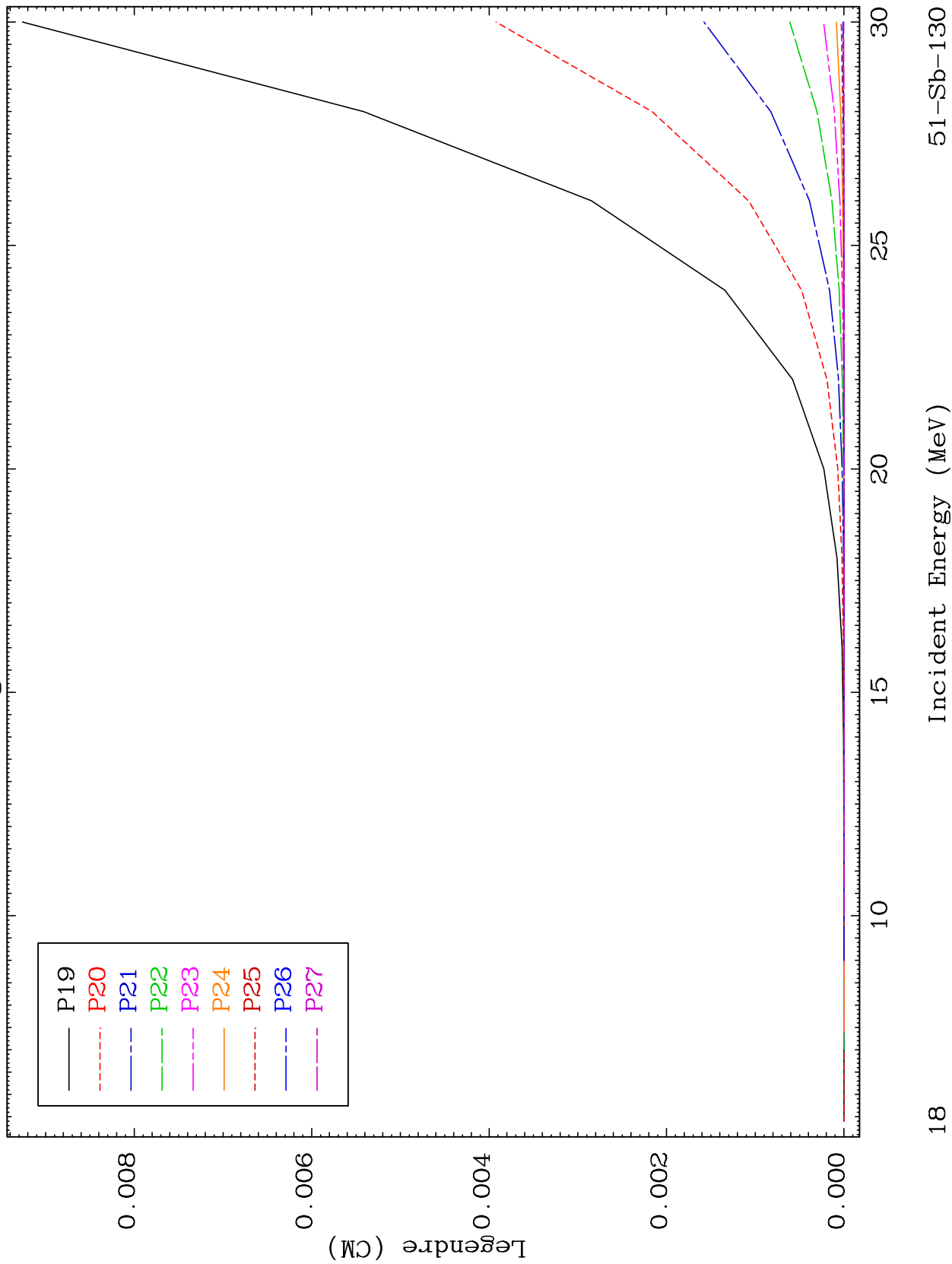
Incident Energy (MeV)

51-Sb-130

MAT 5152

### Elastic Legendre Coefficients

51-Sb-130



18

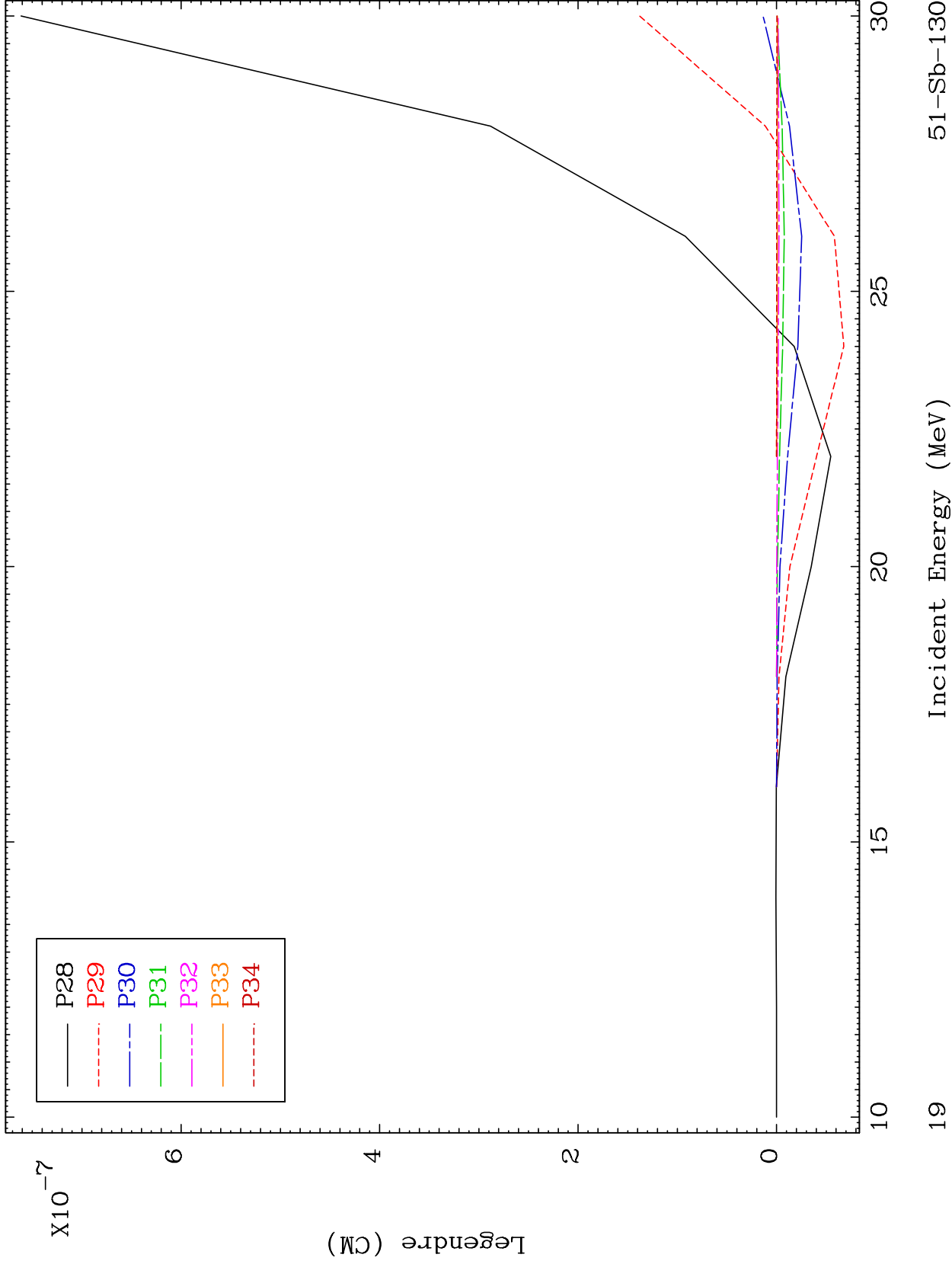
Incident Energy (MeV)

51-Sb-130

MAT 5152

Elastic Legendre Coefficients

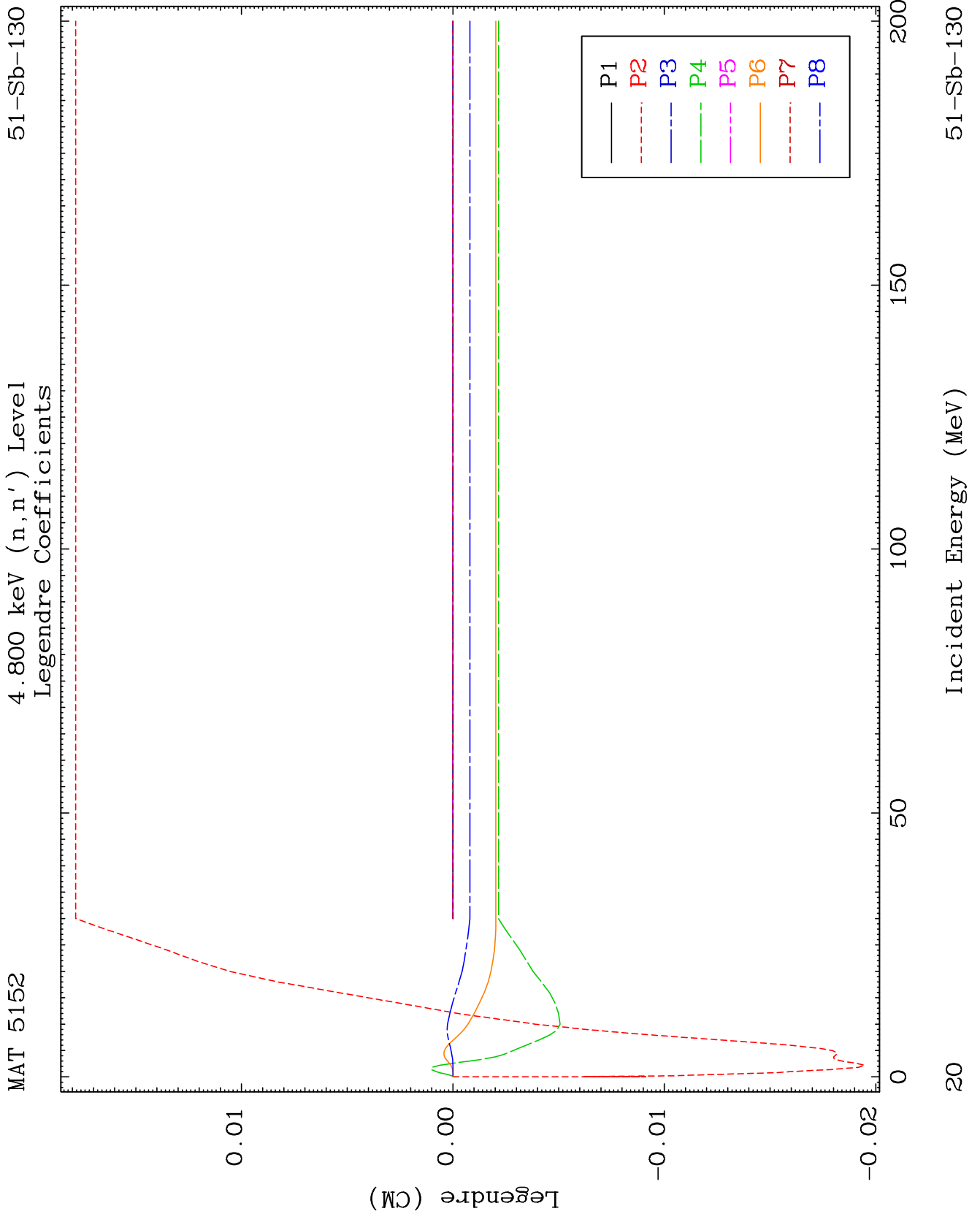
51-Sb-130

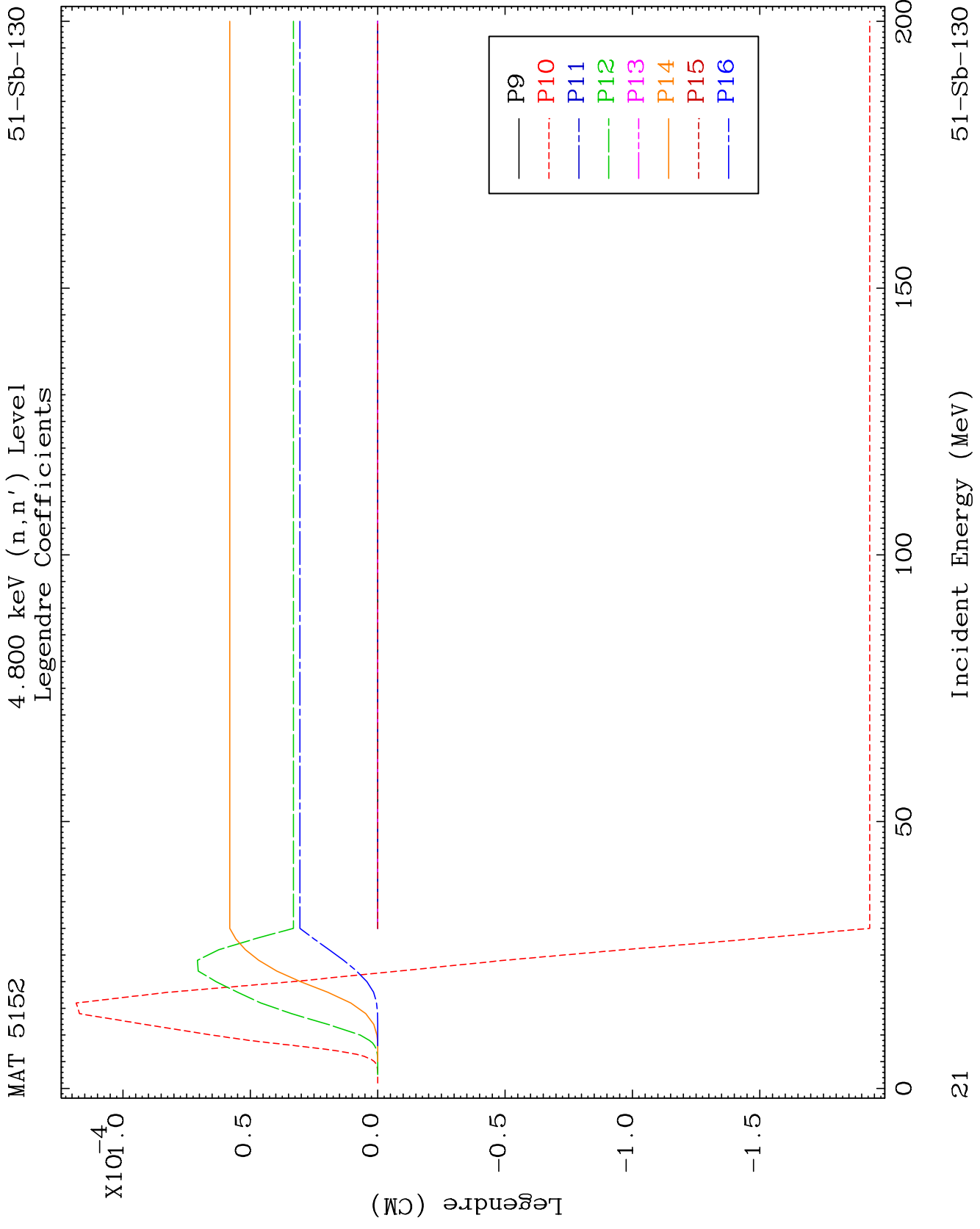


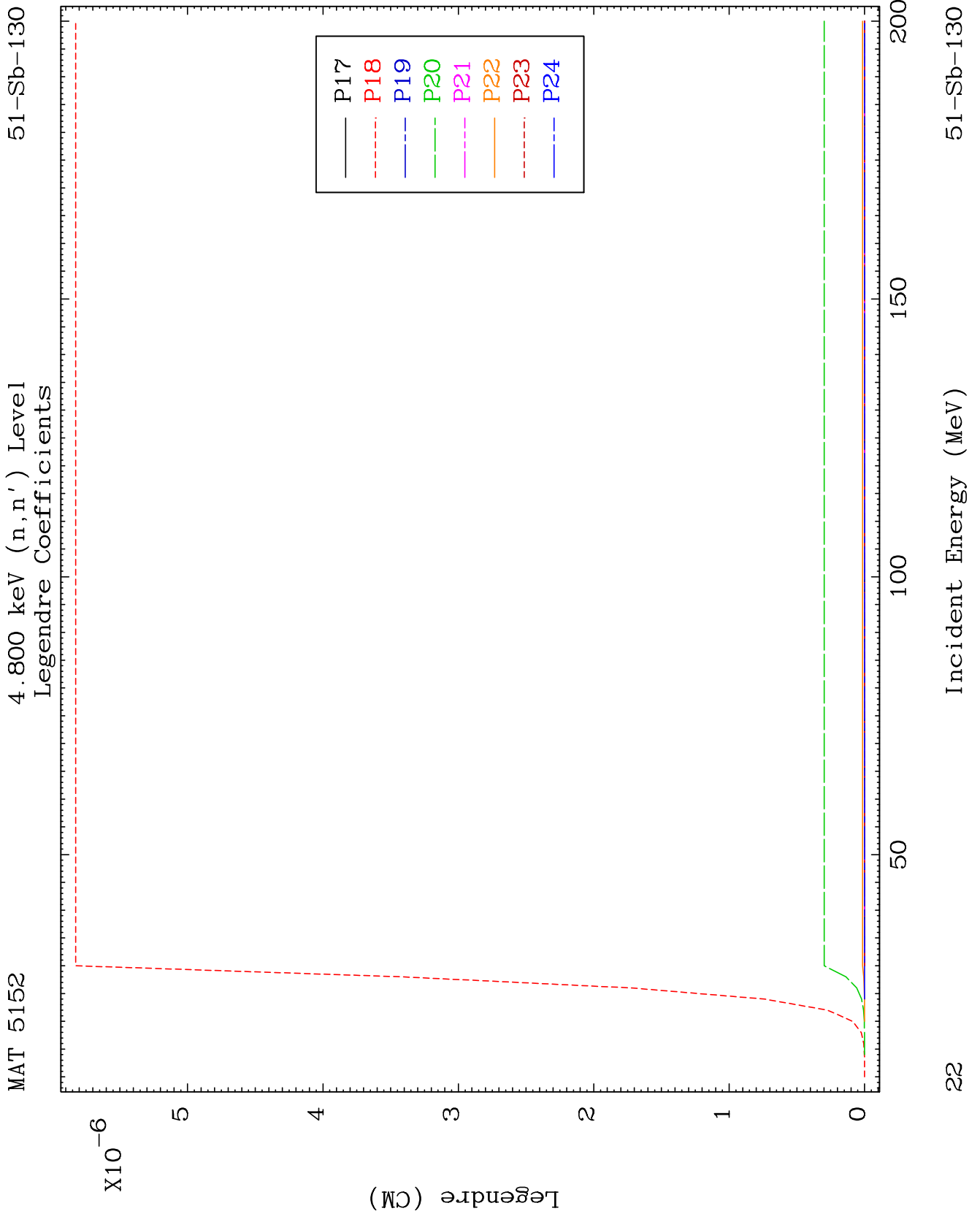
19

Incident Energy (MeV)

51-Sb-130



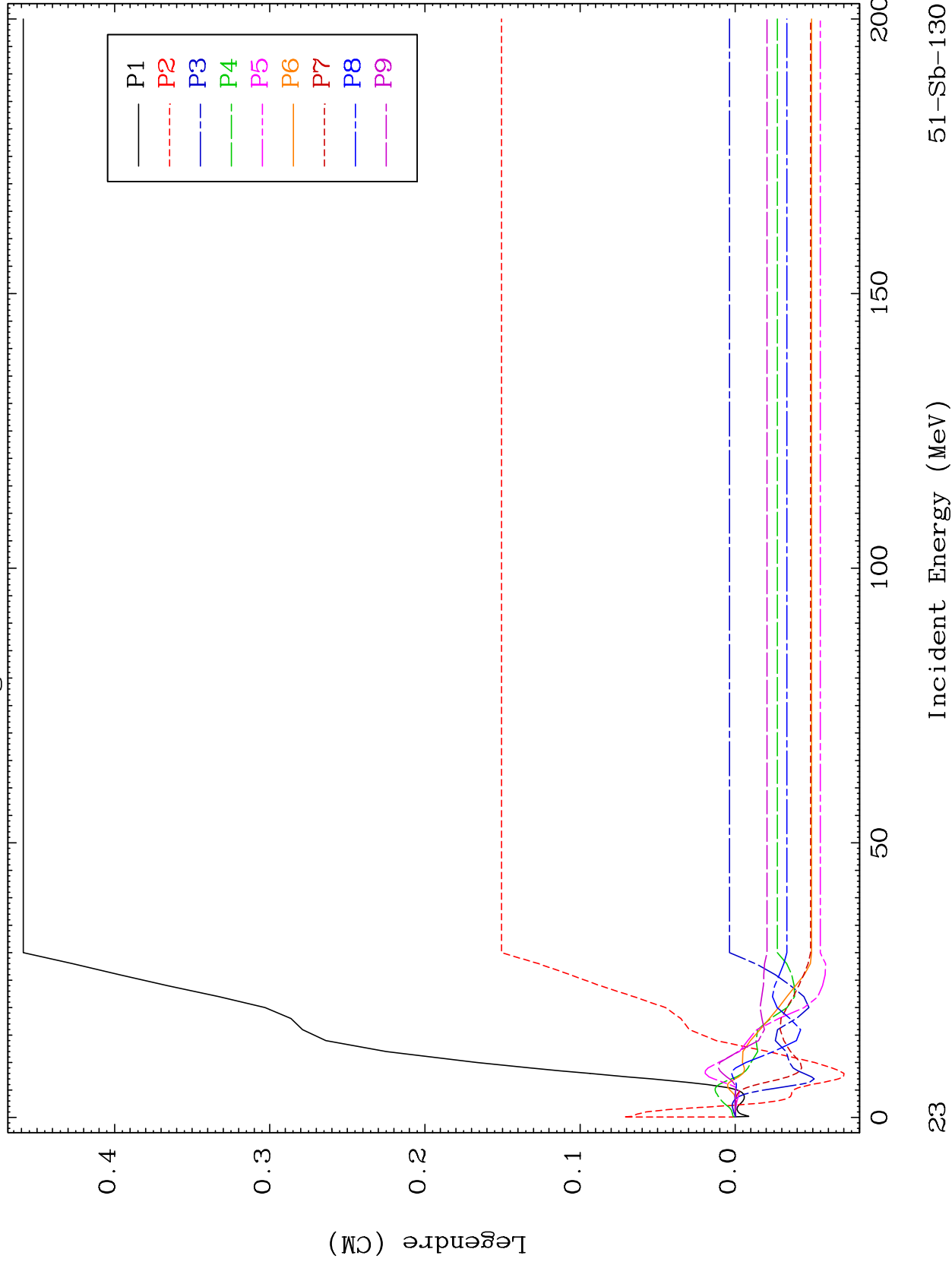




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68.04 keV (n,n') Level  
Legendre Coefficients

51-Sb-130



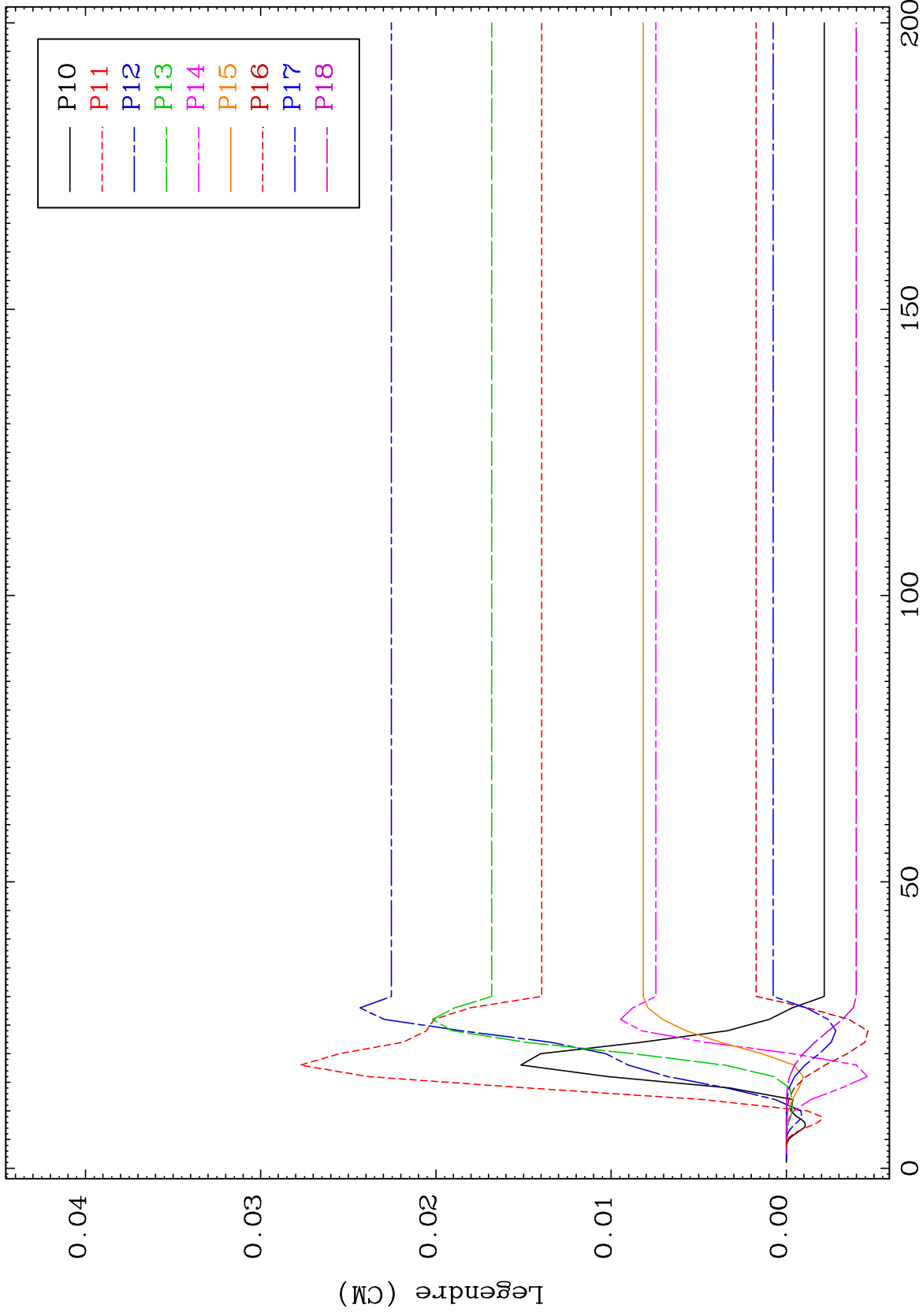
23



MAT 5152

68.04 keV (n,n') Level  
Legendre Coefficients

51-Sb-130



24

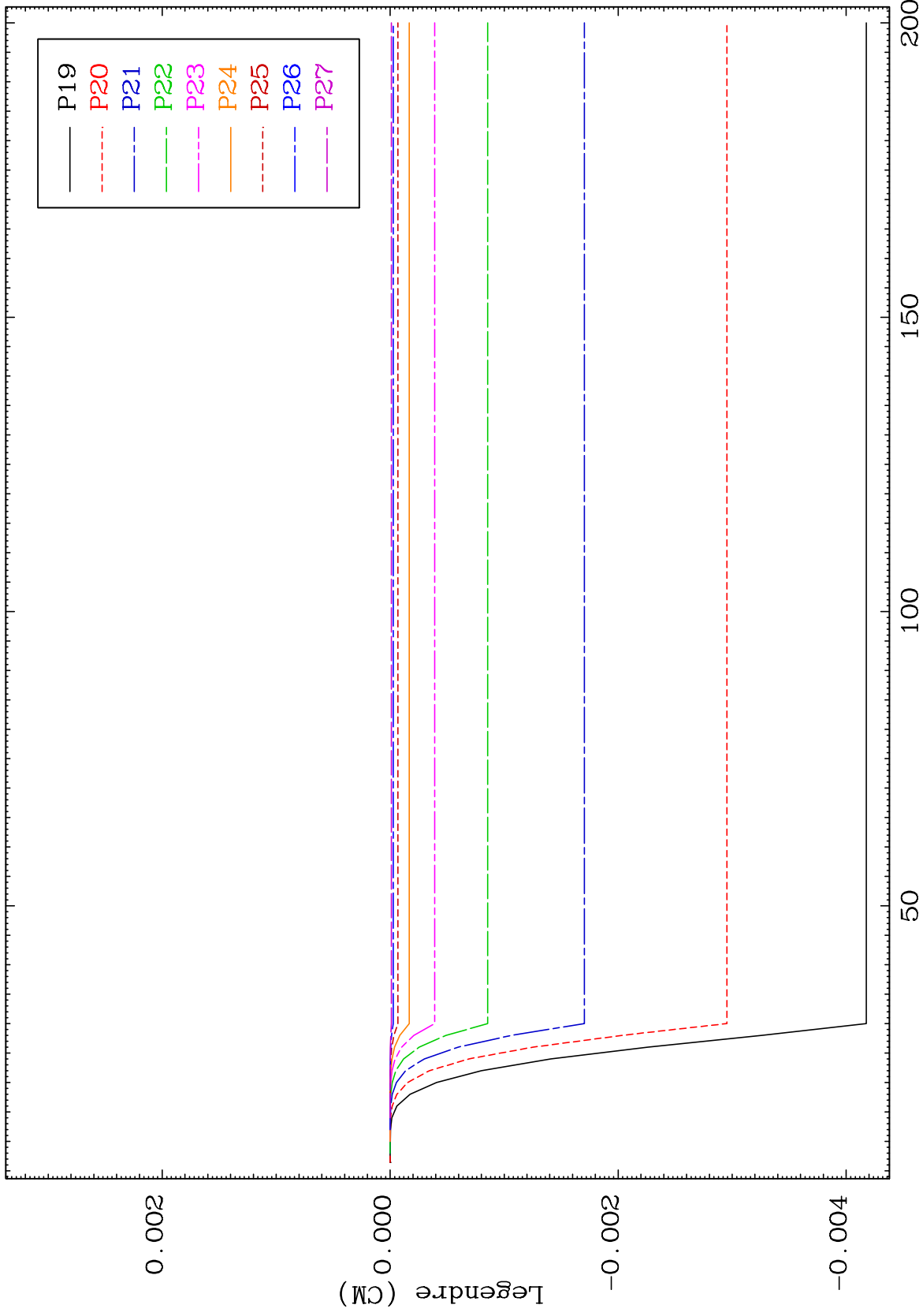
Incident Energy (MeV)

51-Sb-130

MAT 5152

68.04 keV (n,n') Level  
Legendre Coefficients

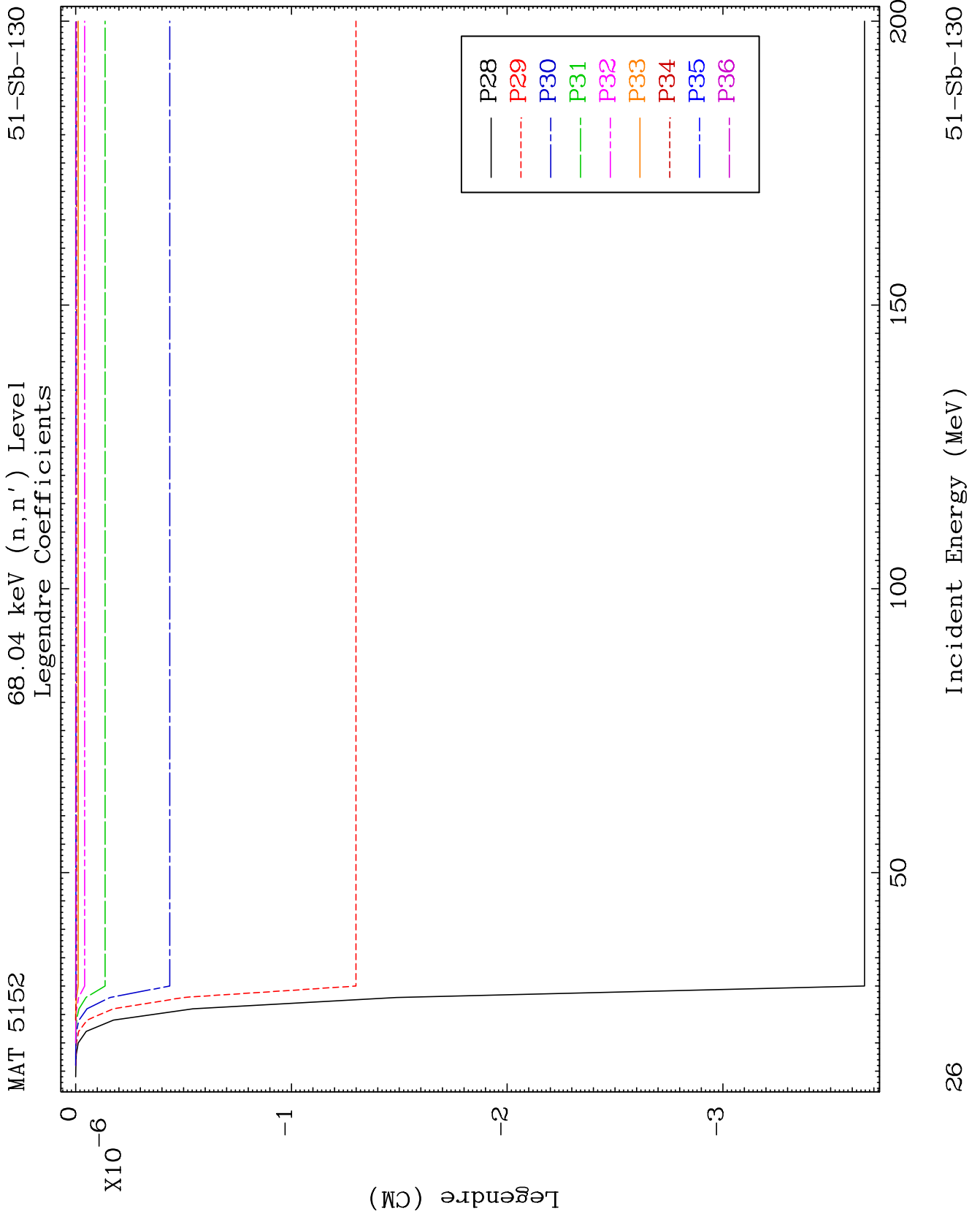
51-Sb-130



25

Incident Energy (MeV)

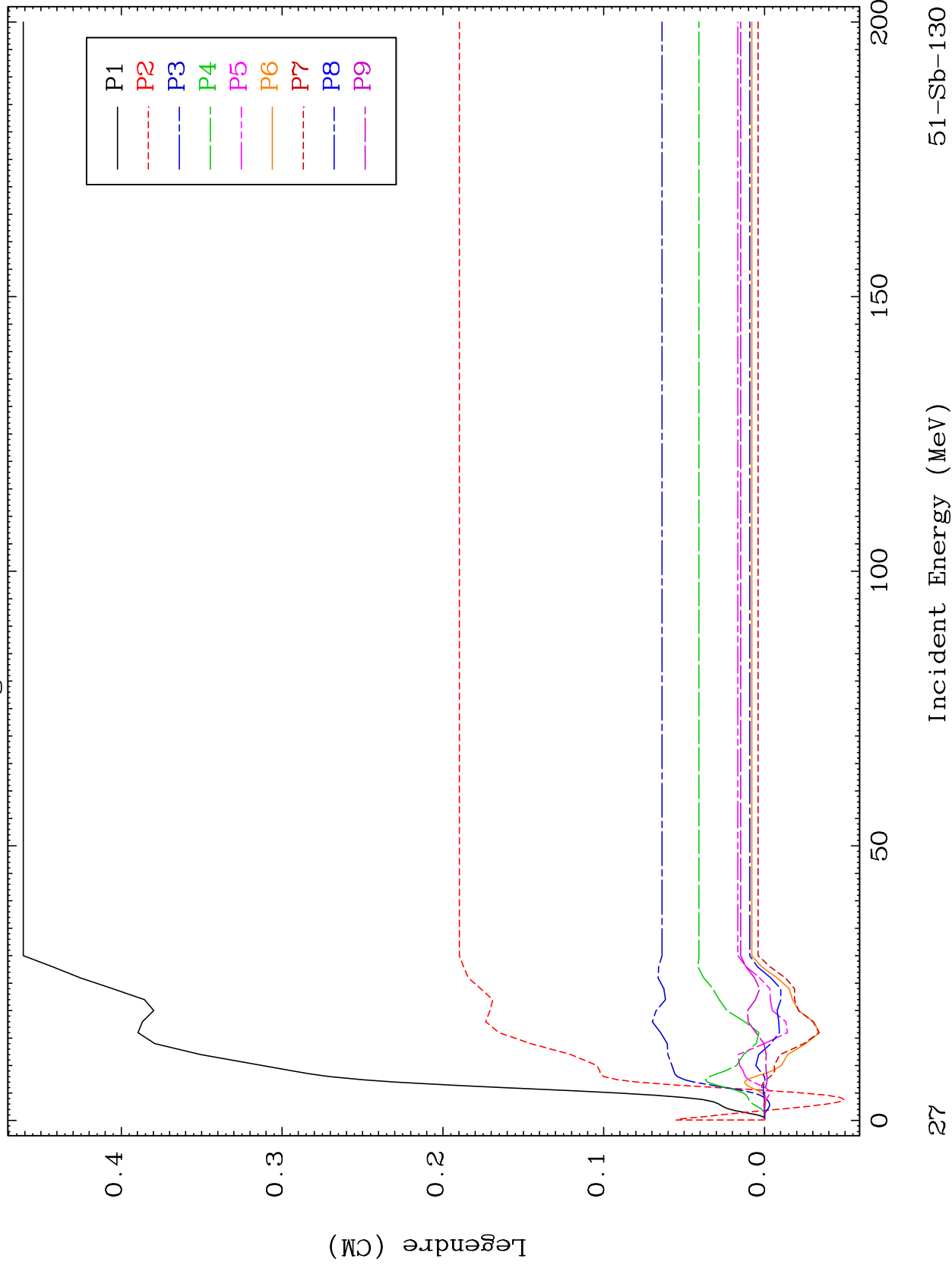
51-Sb-130



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74.82 keV (n,n') Level  
Legendre Coefficients

51-Sb-130



27

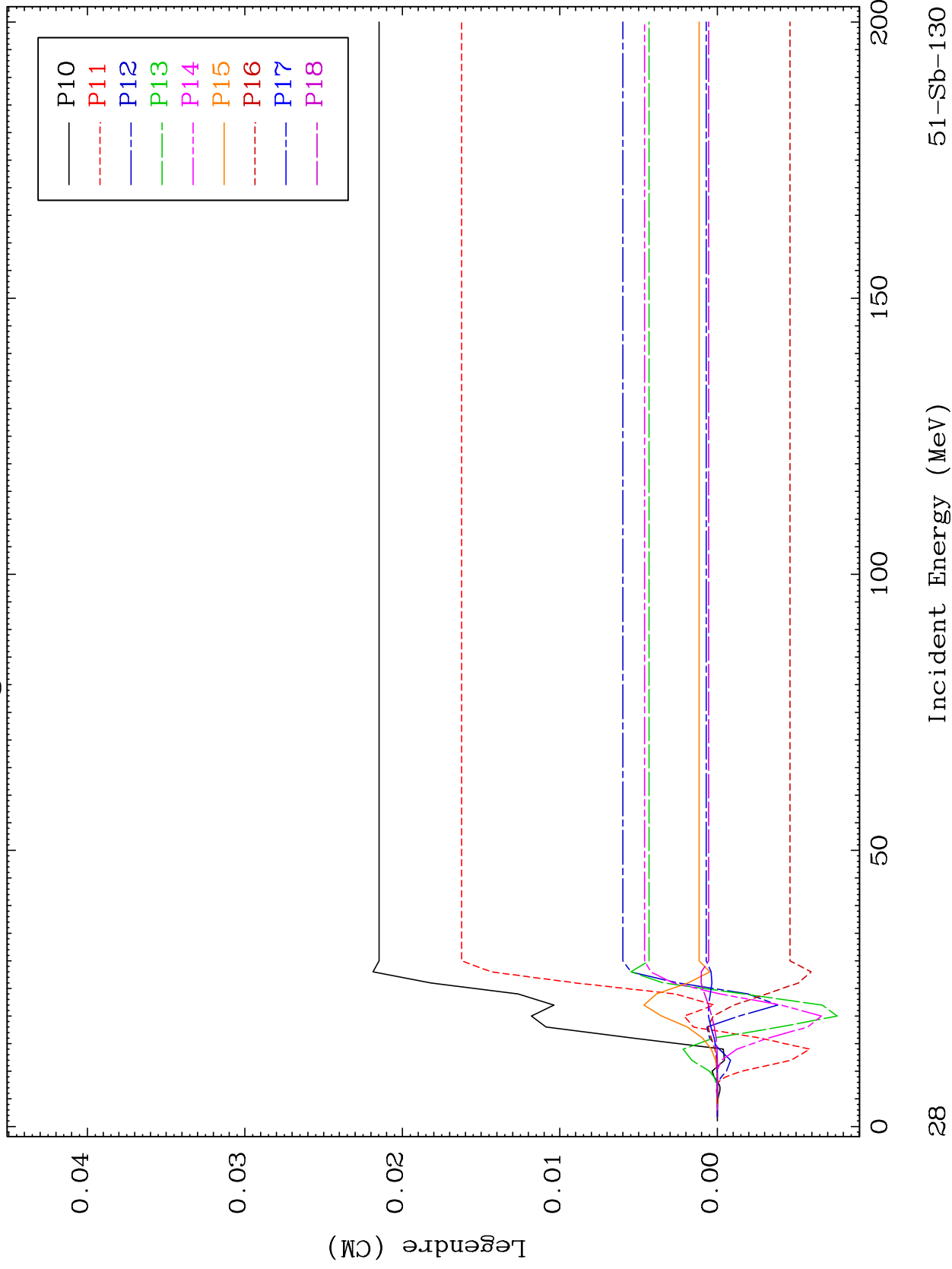
Incident Energy (MeV)

51-Sb-130

MAT 5152

74.82 keV (n,n') Level  
Legendre Coefficients

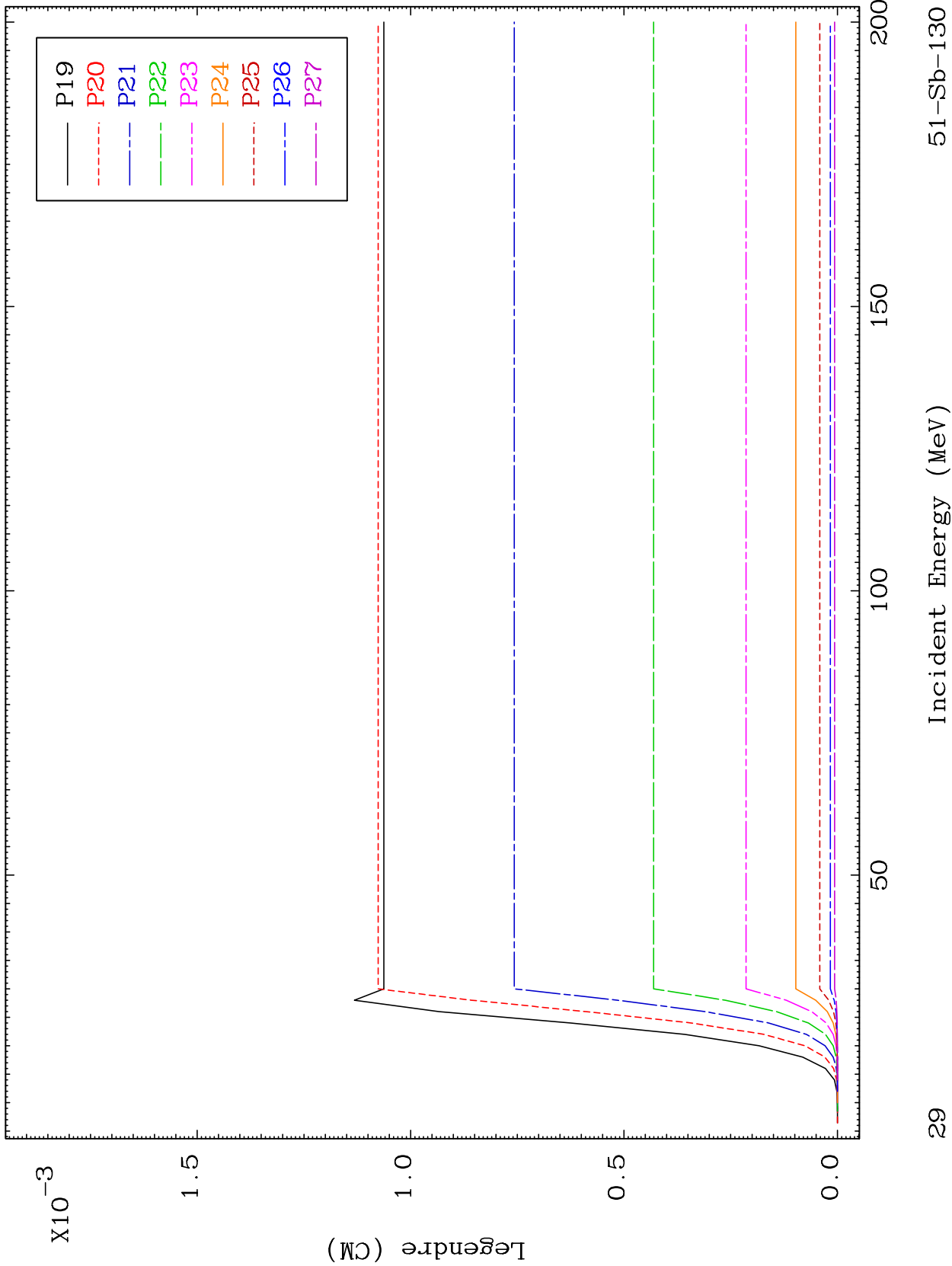
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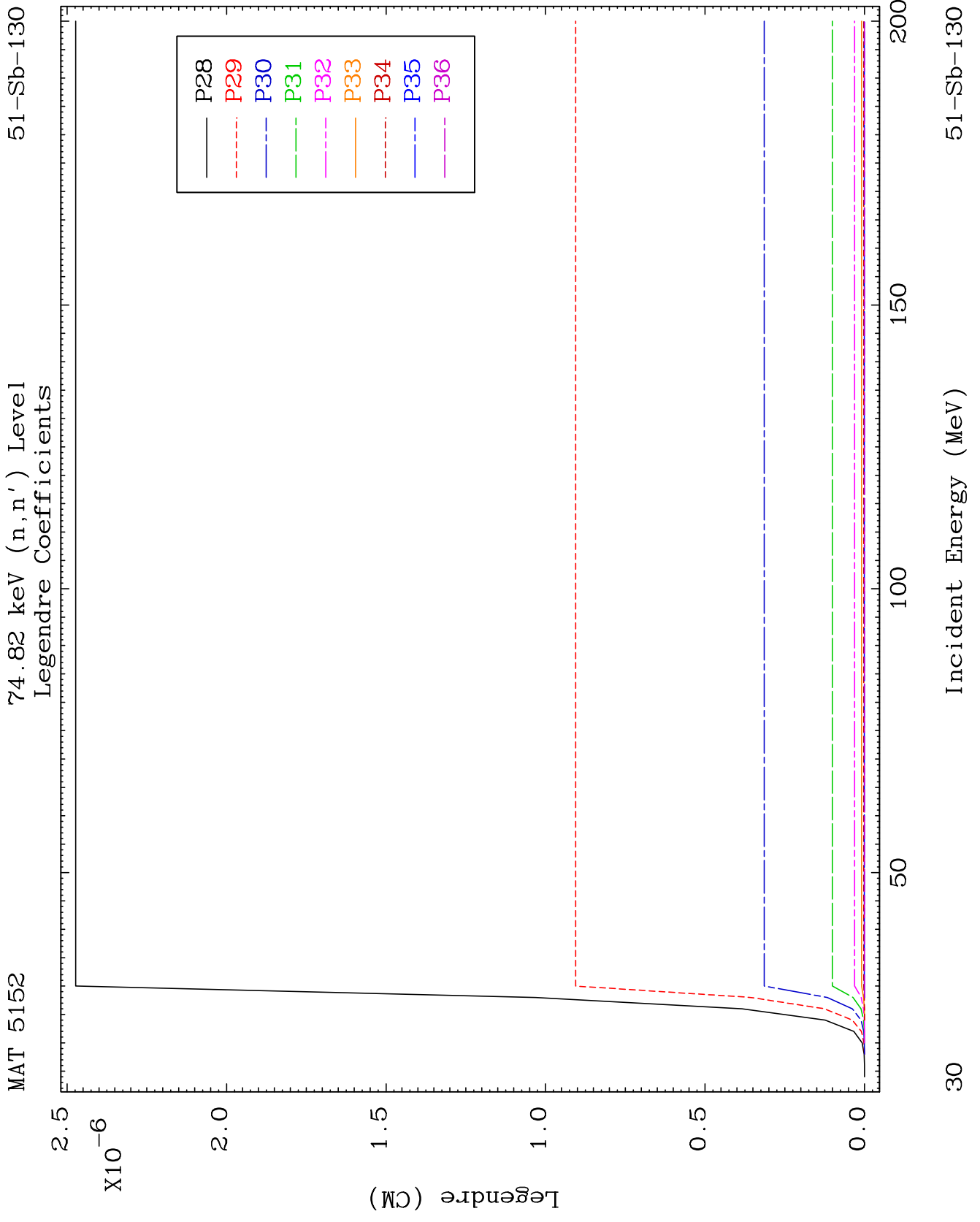


51-Sb-130

Incident Energy (MeV)

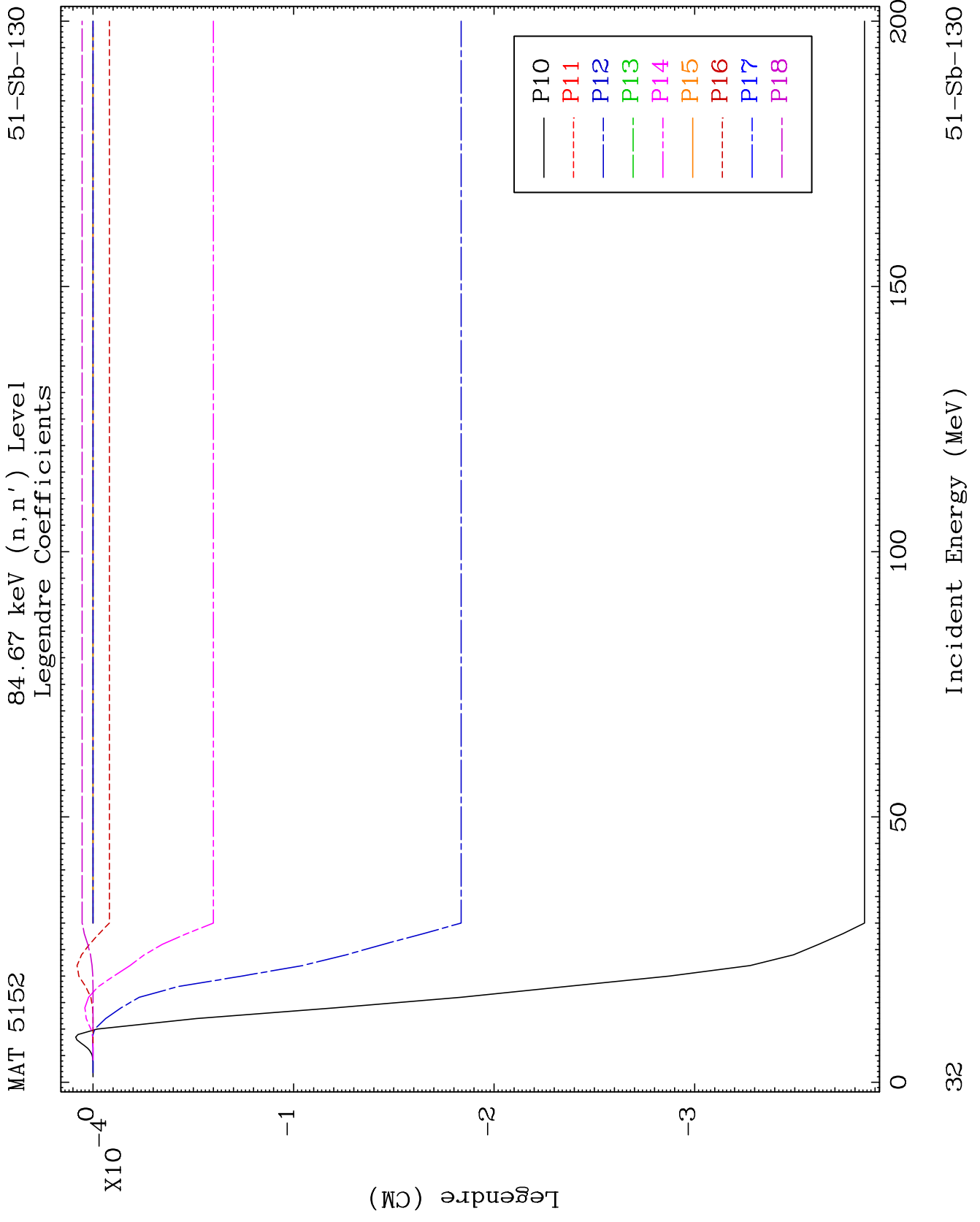
28

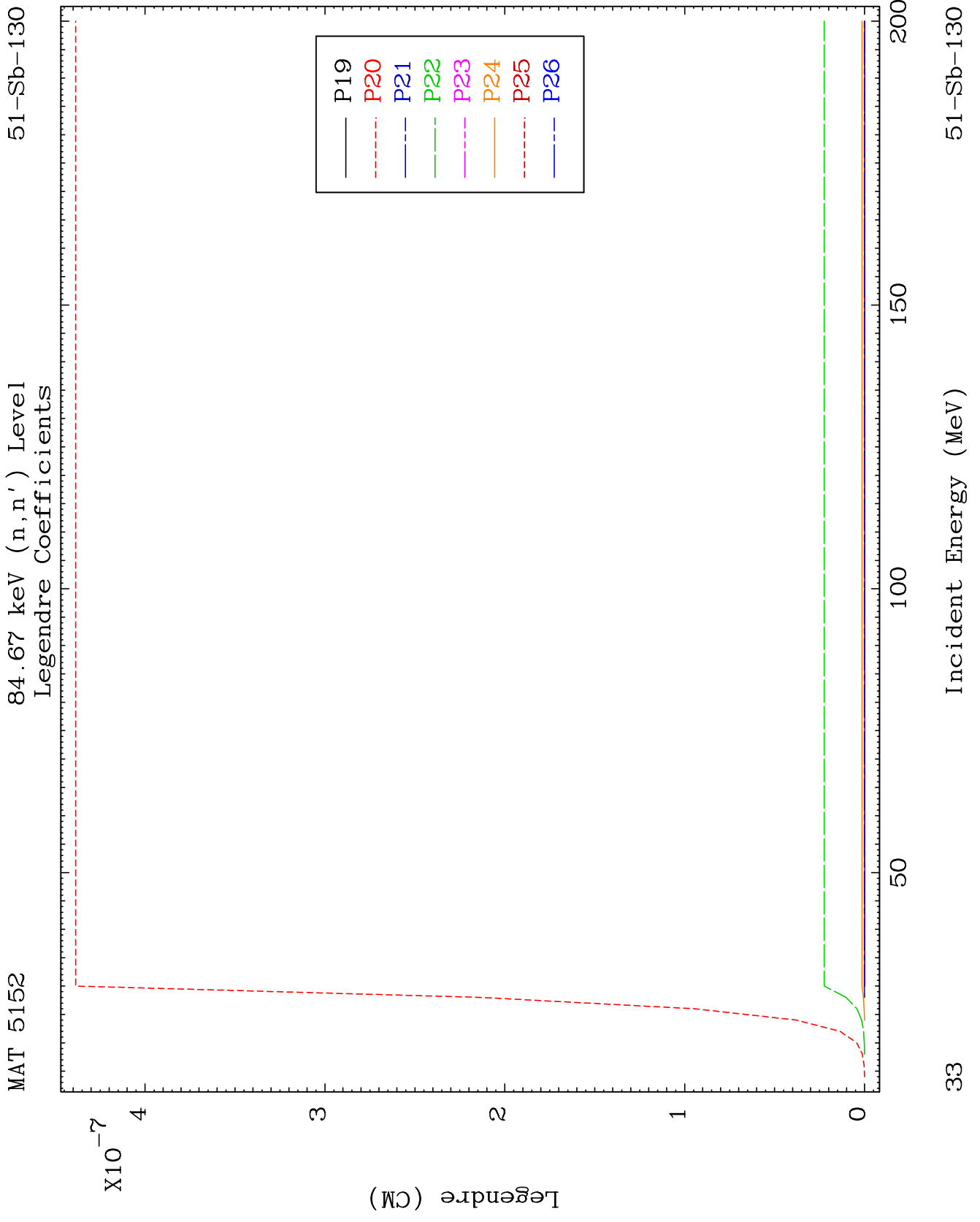








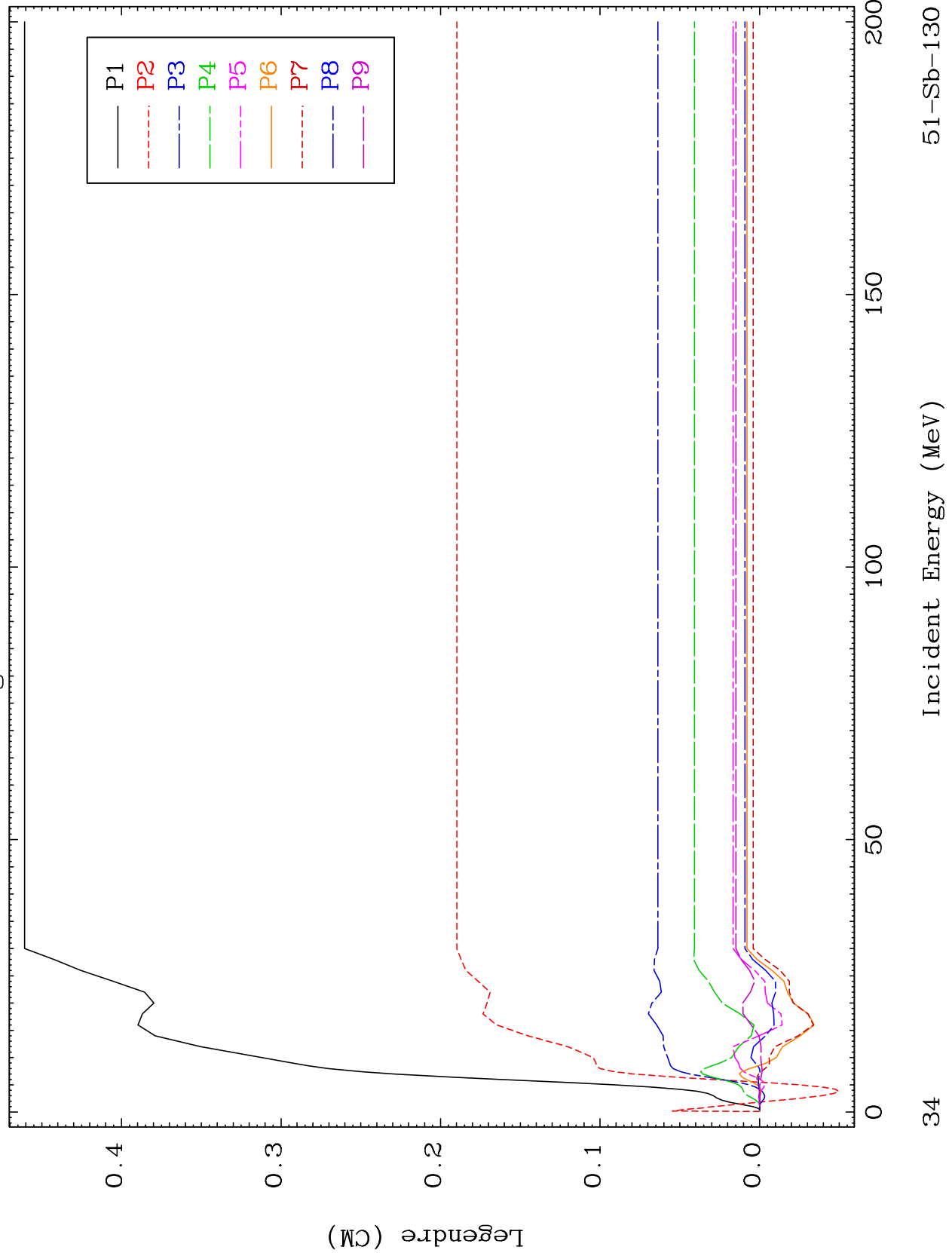




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111.7 keV (n,n') Level  
Legendre Coefficients

51-Sb-130



51-Sb-130

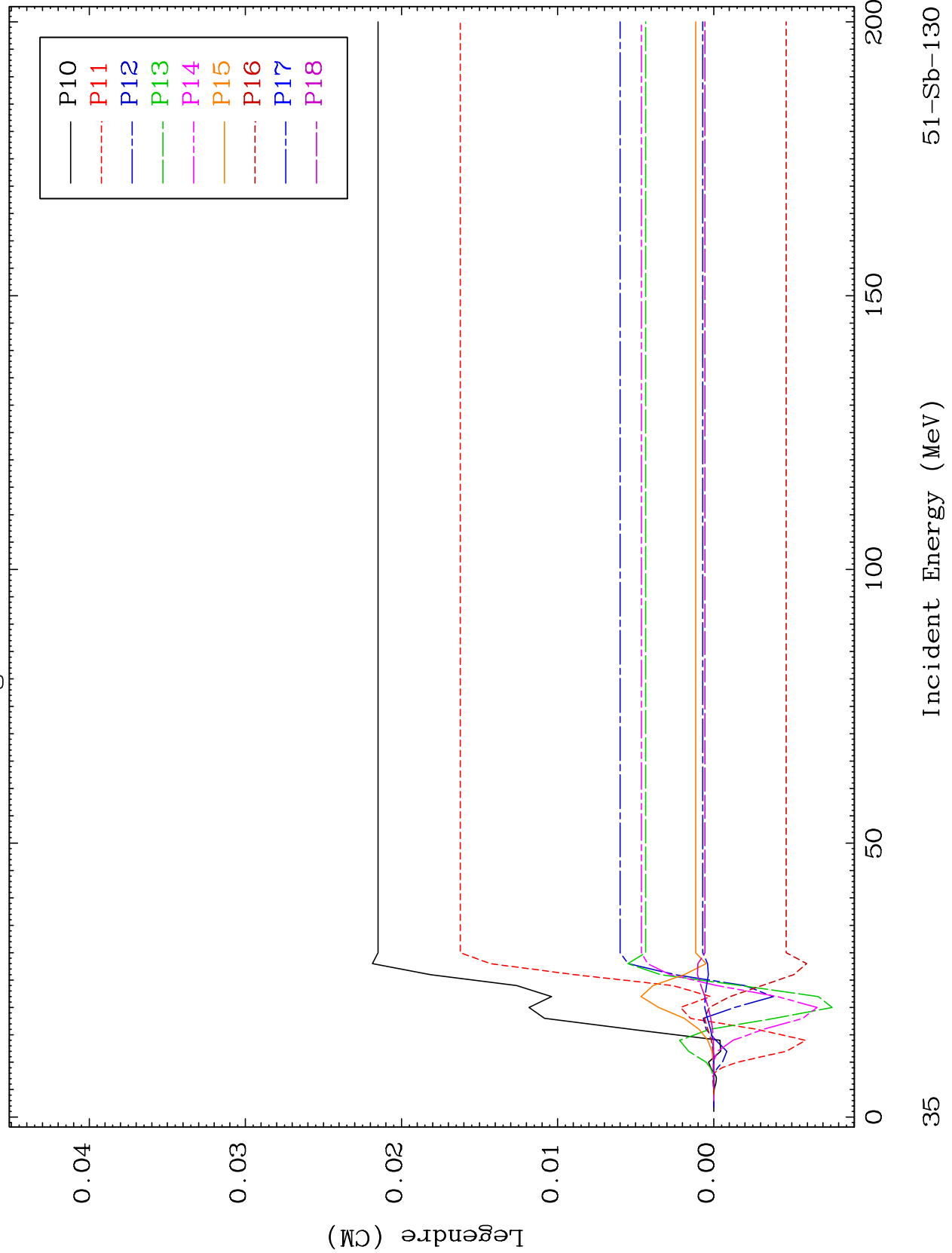
Incident Energy (MeV)

34

MAT 5152

111.7 keV (n,n') Level  
Legendre Coefficients

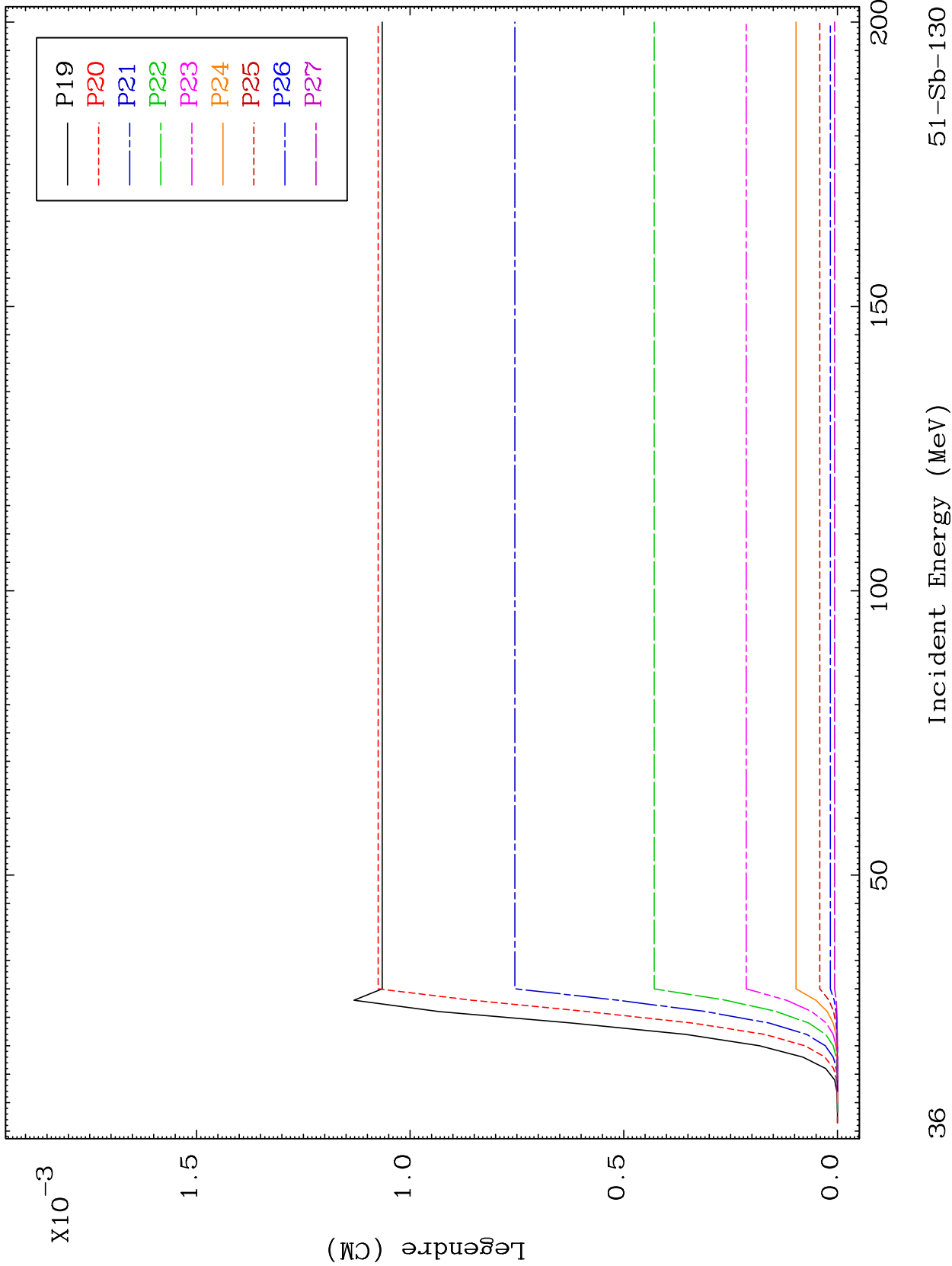
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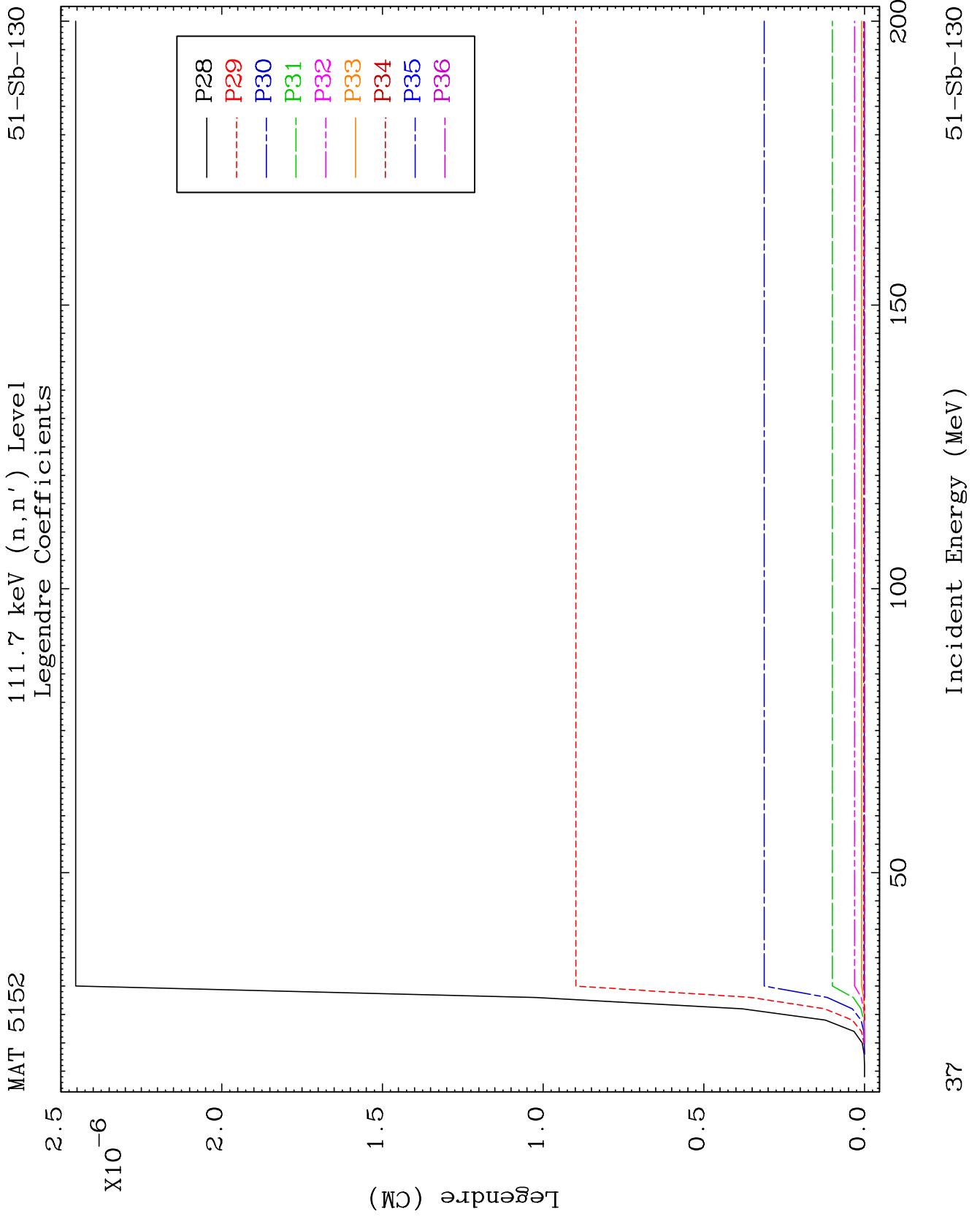


51-Sb-130

Incident Energy (MeV)

35

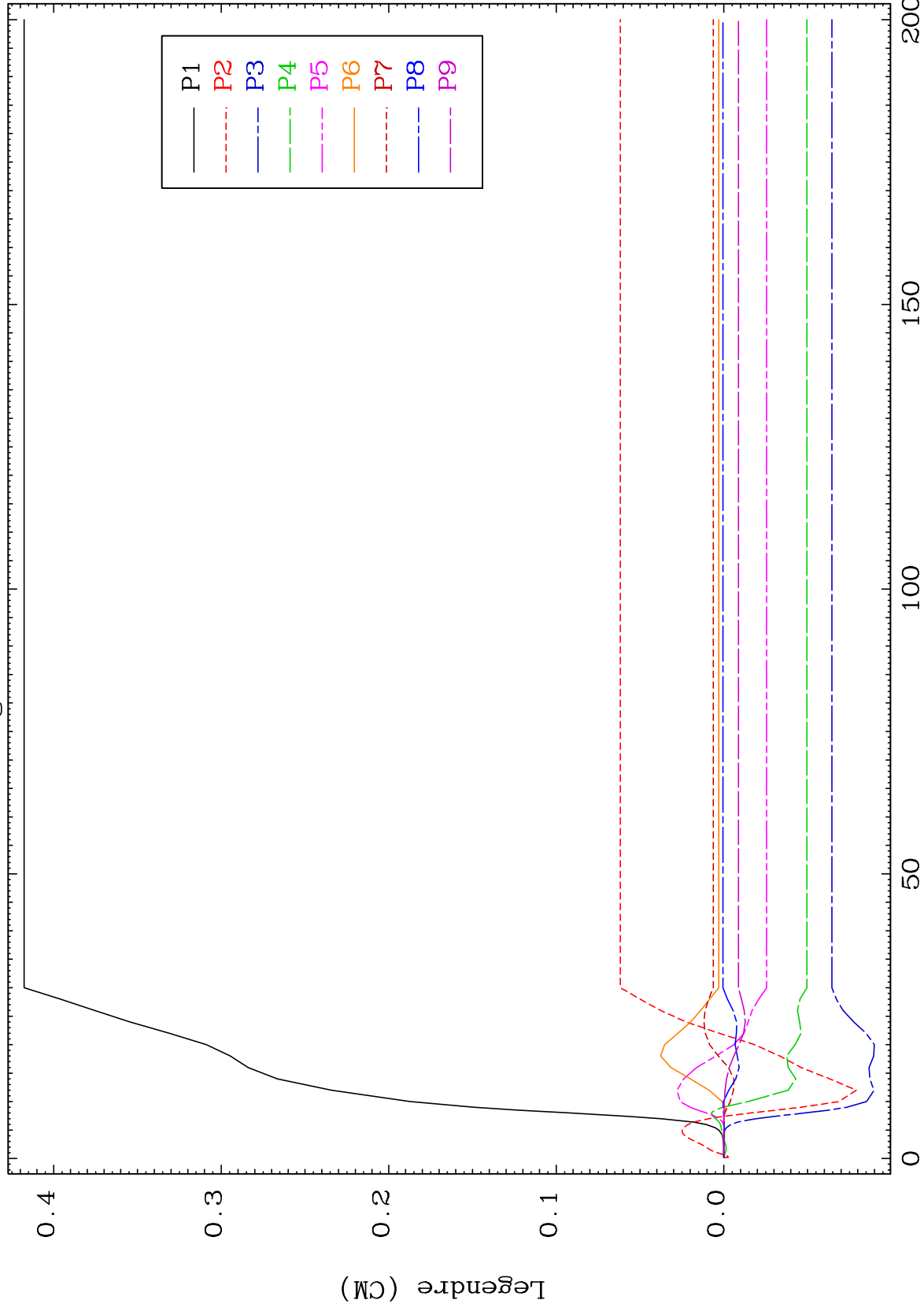




MAT 5152

144.9 keV (n, n') Level  
Legendre Coefficients

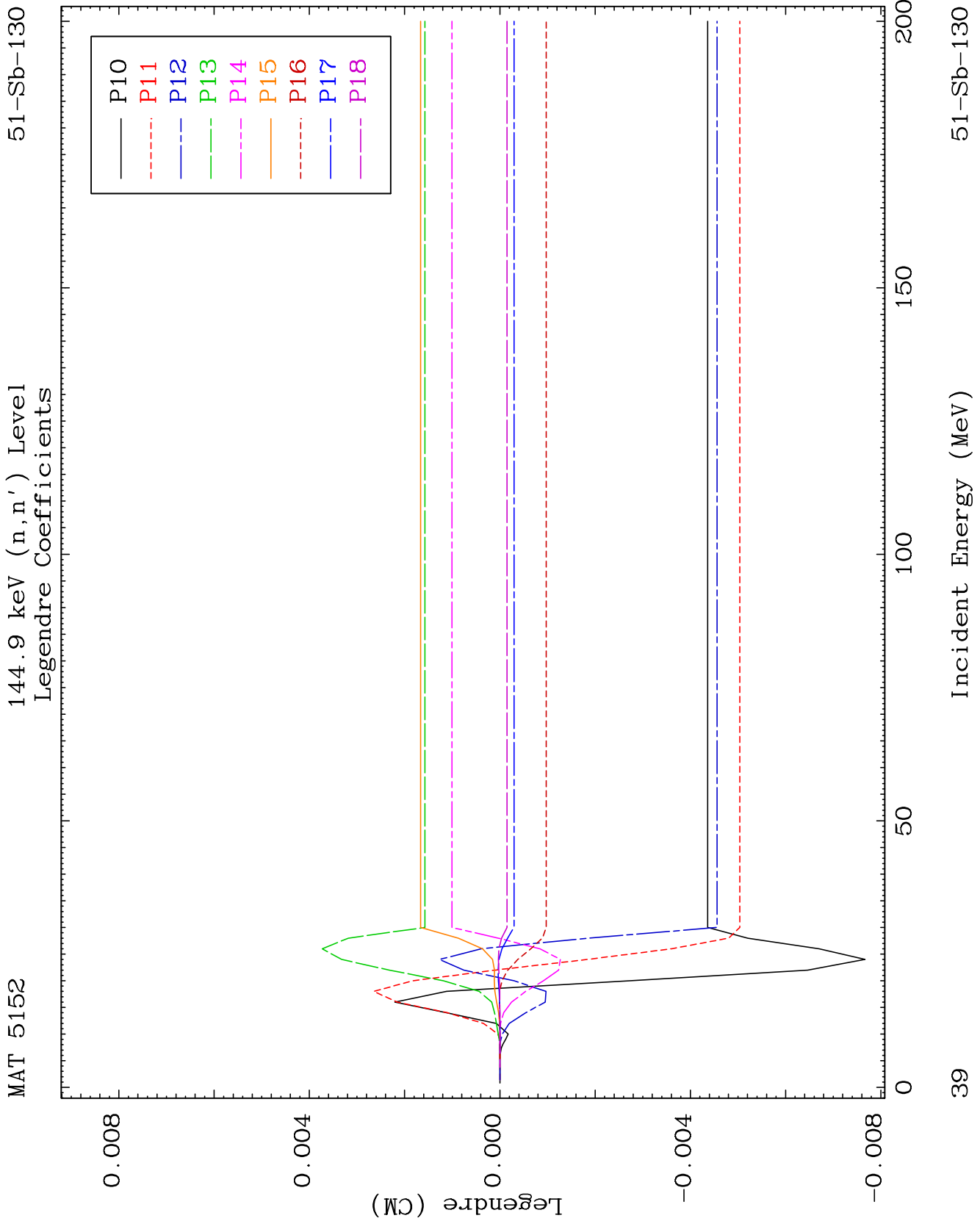
51-Sb-130



51-Sb-130

Incident Energy (MeV)

38

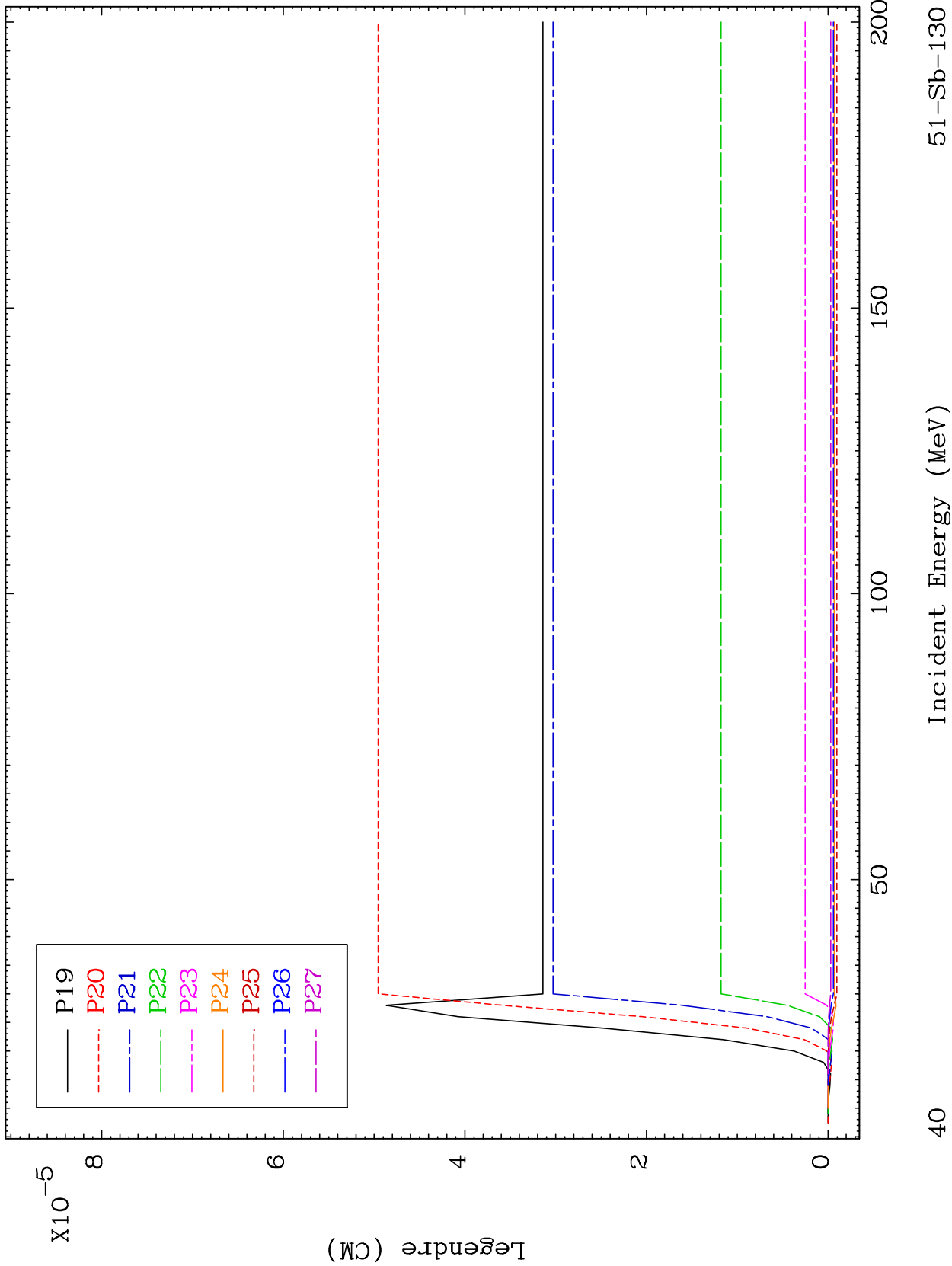




MAT 5152

144.9 keV (n,n') Level  
Legendre Coefficients

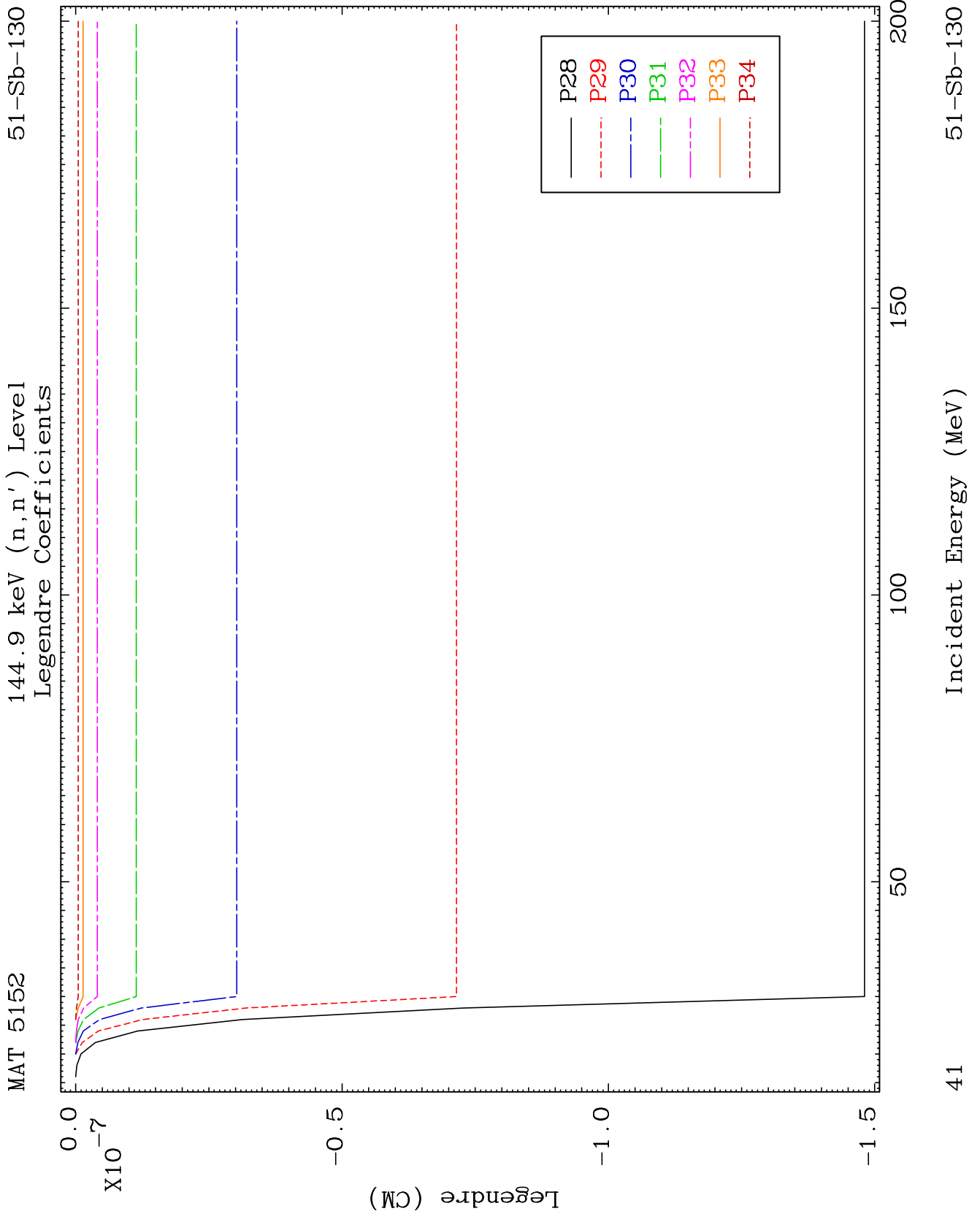
51-Sb-130



40

Incident Energy (MeV)

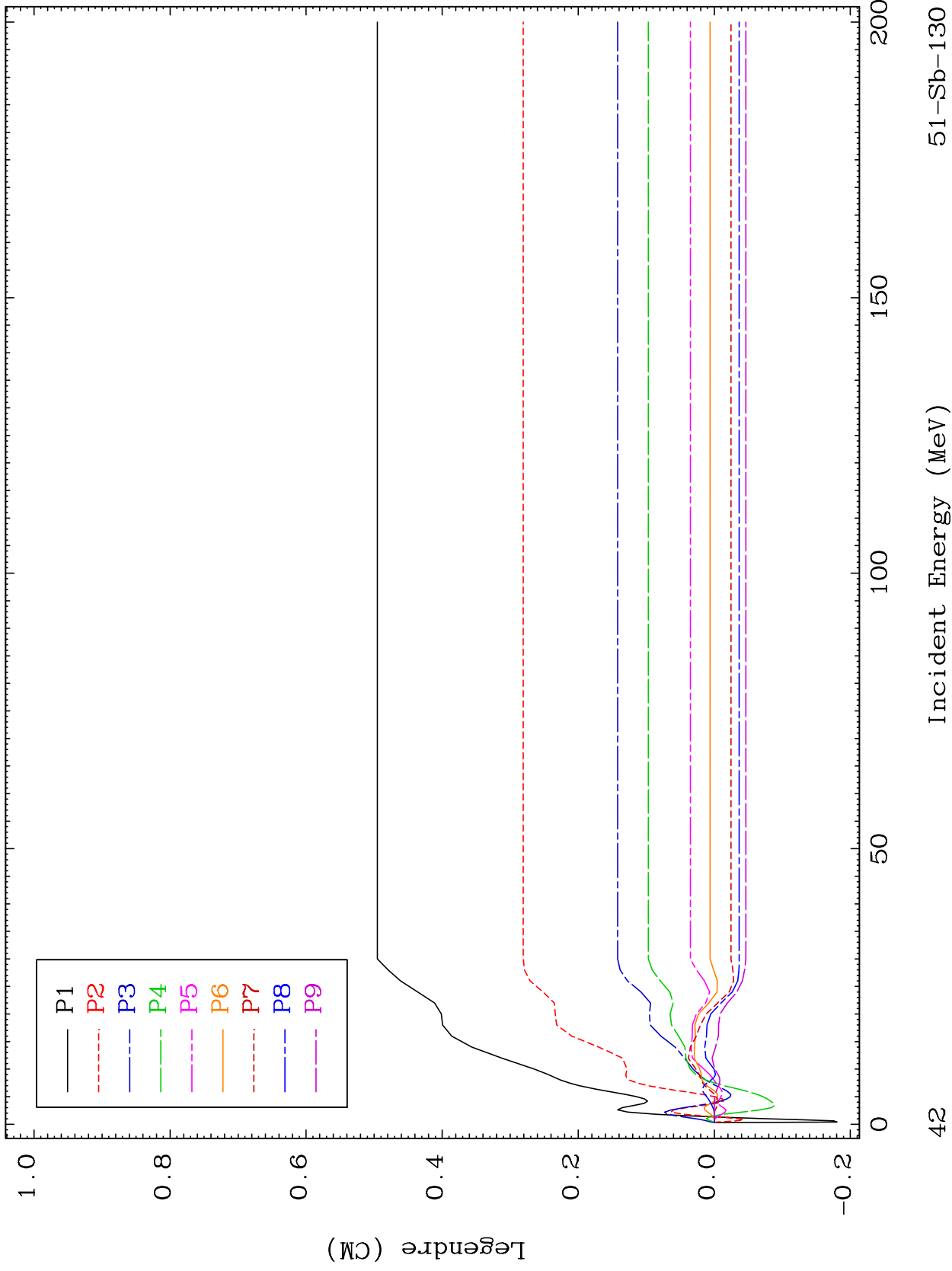
51-Sb-130



MAT 5152

267.2 keV (n,n') Level  
Legendre Coefficients

51-Sb-130



51-Sb-130

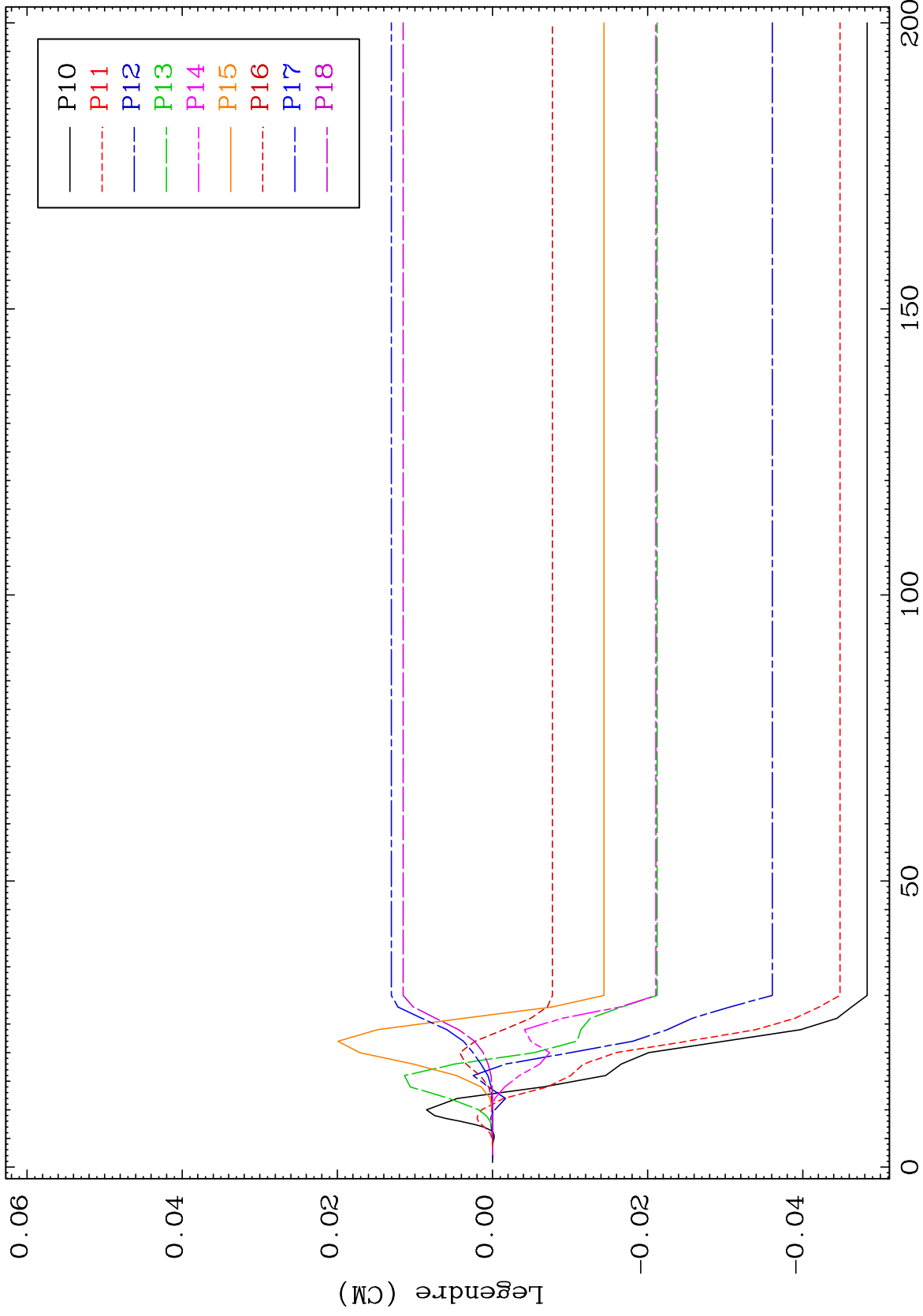
Incident Energy (MeV)

42

MAT 5152

267.2 keV (n,n') Level  
Legendre Coefficients

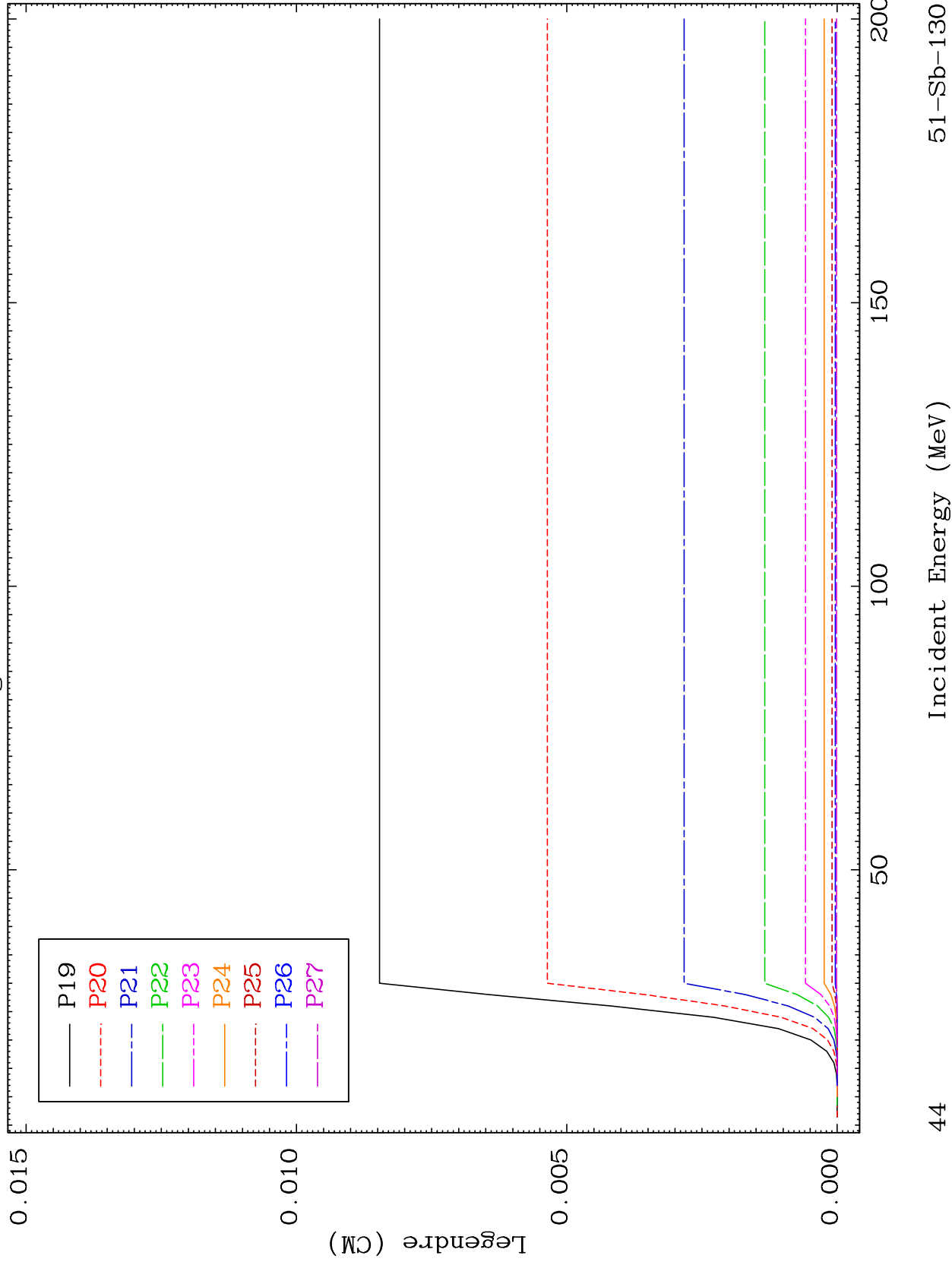
51-Sb-130



43

Incident Energy (MeV)

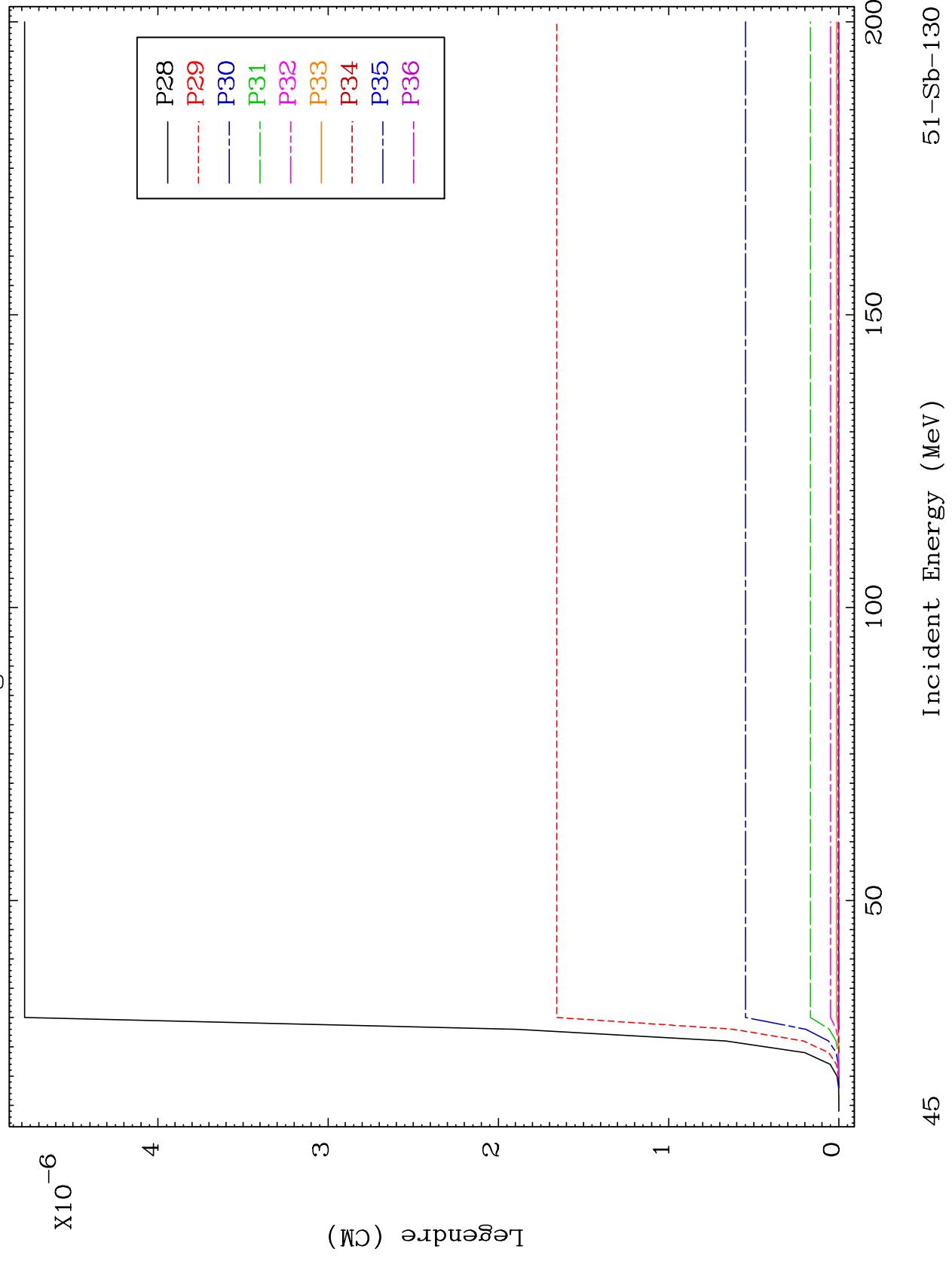
51-Sb-130



MAT 5152

267.2 keV (n,n') Level  
Legendre Coefficients

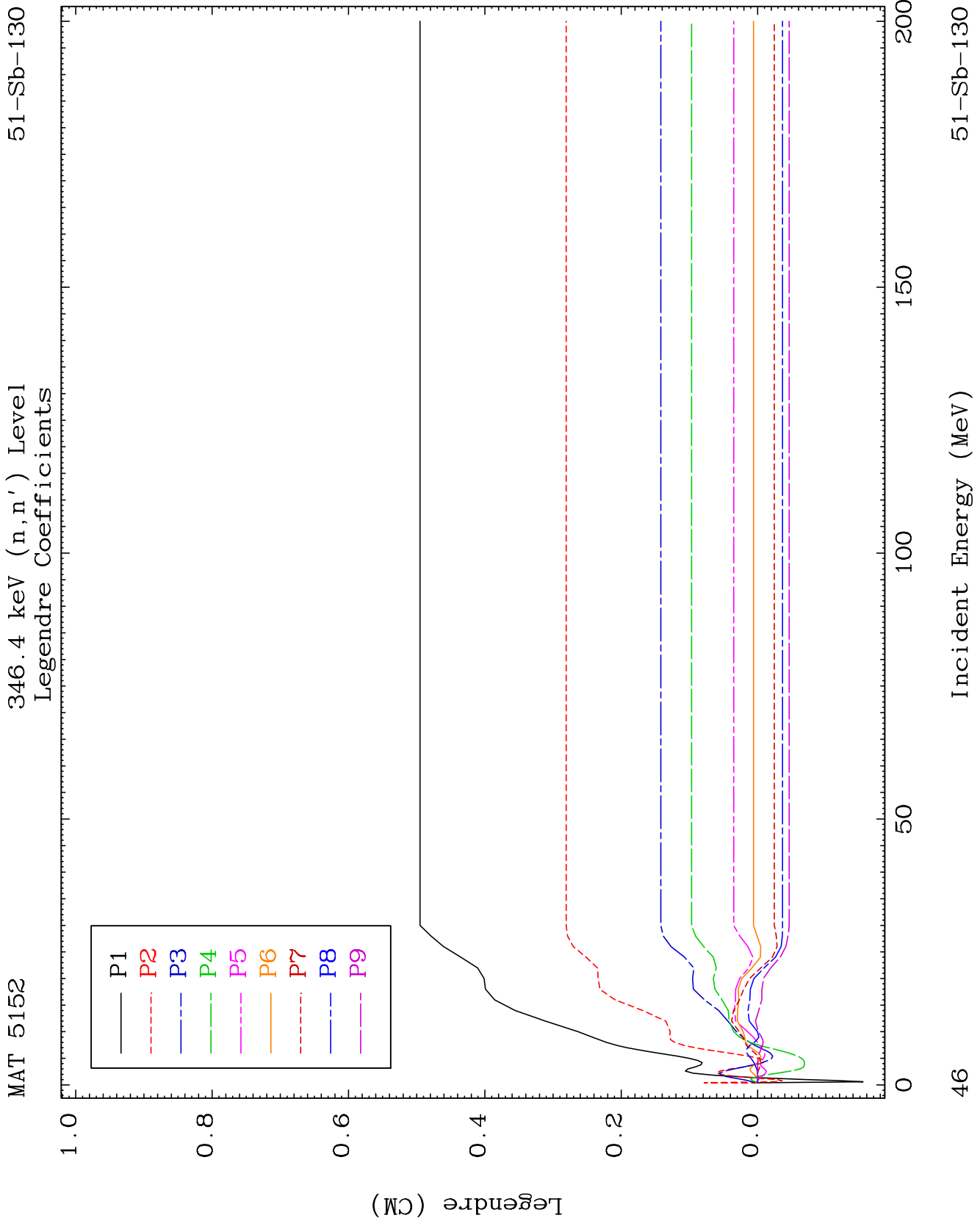
51-Sb-130



45

Incident Energy (MeV)

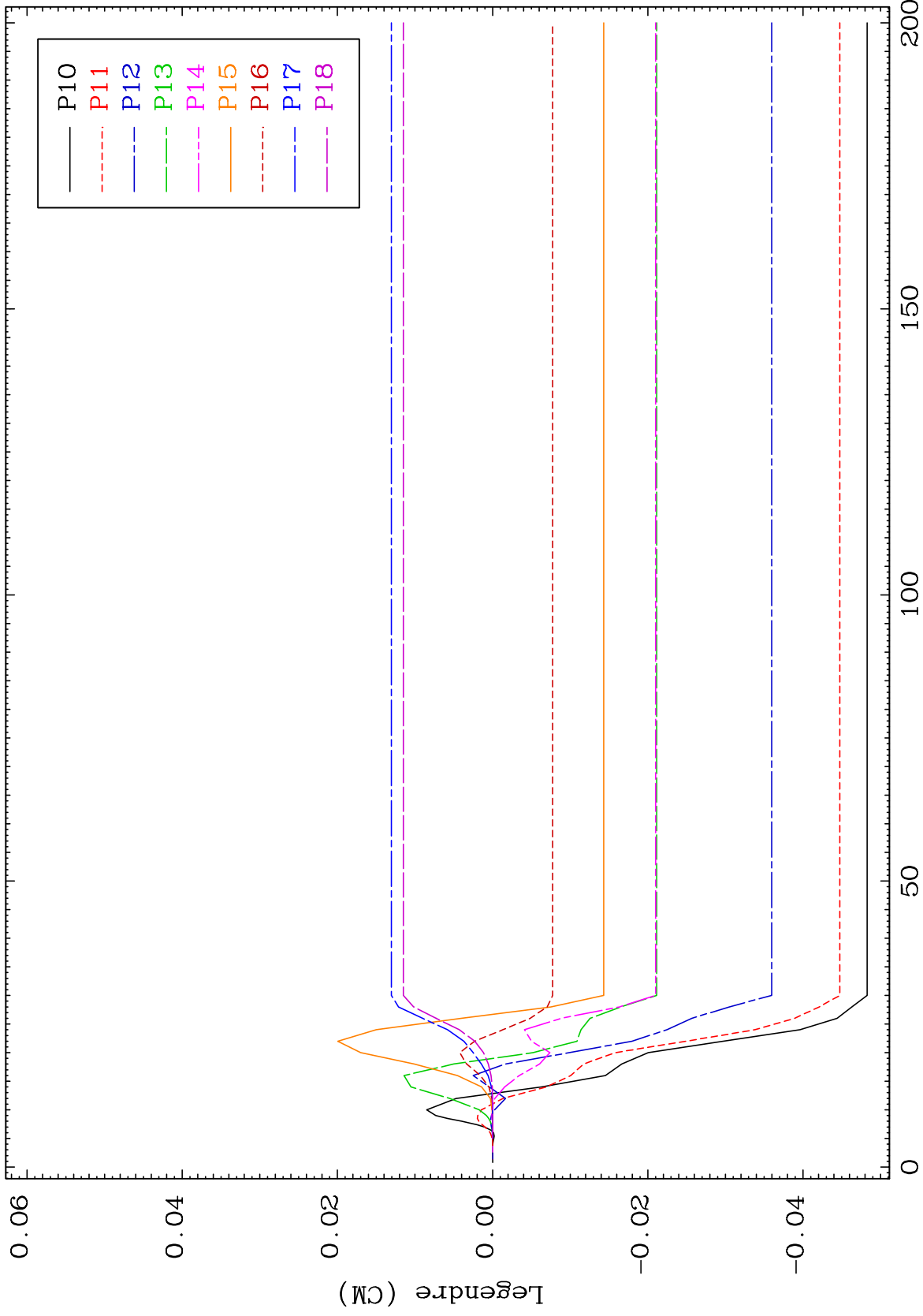
51-Sb-130



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346.4 keV (n,n') Level  
Legendre Coefficients

51-Sb-130



47

Incident Energy (MeV)

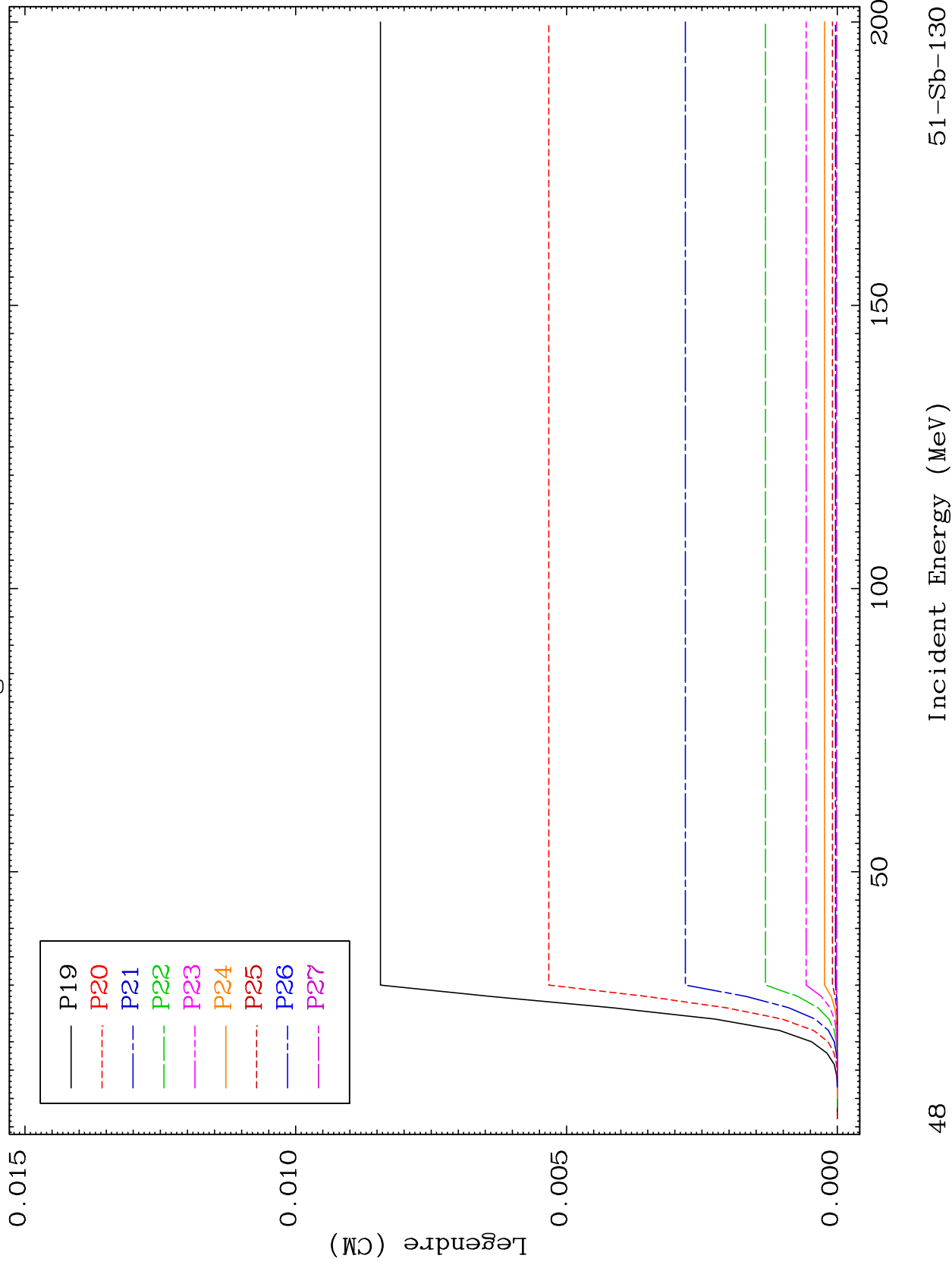
51-Sb-130



MAT 5152

346.4 keV (n,n') Level  
Legendre Coefficients

51-Sb-130



48

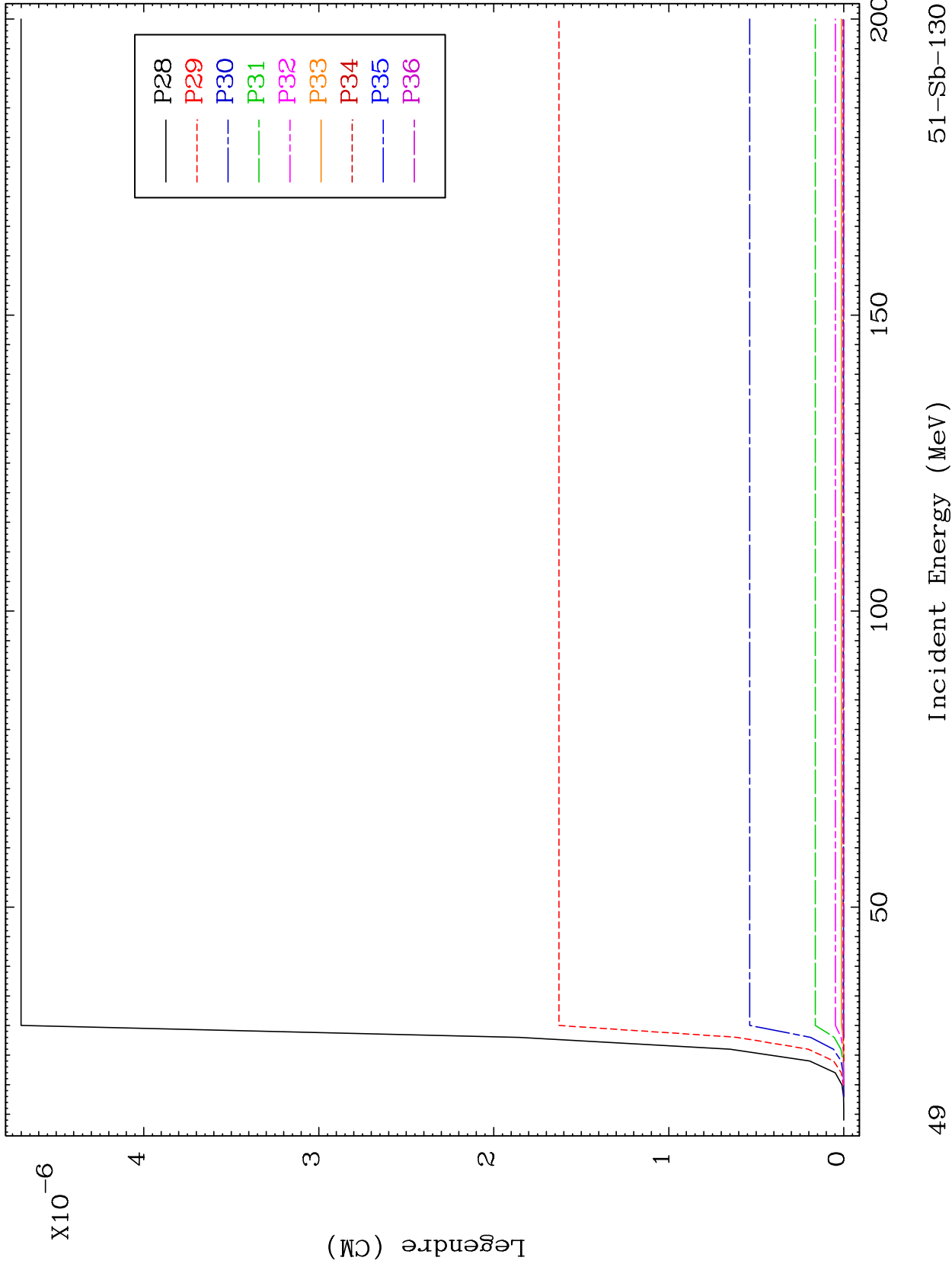
Incident Energy (MeV)

51-Sb-130

MAT 5152

346.4 keV (n,n') Level  
Legendre Coefficients

51-Sb-130



49

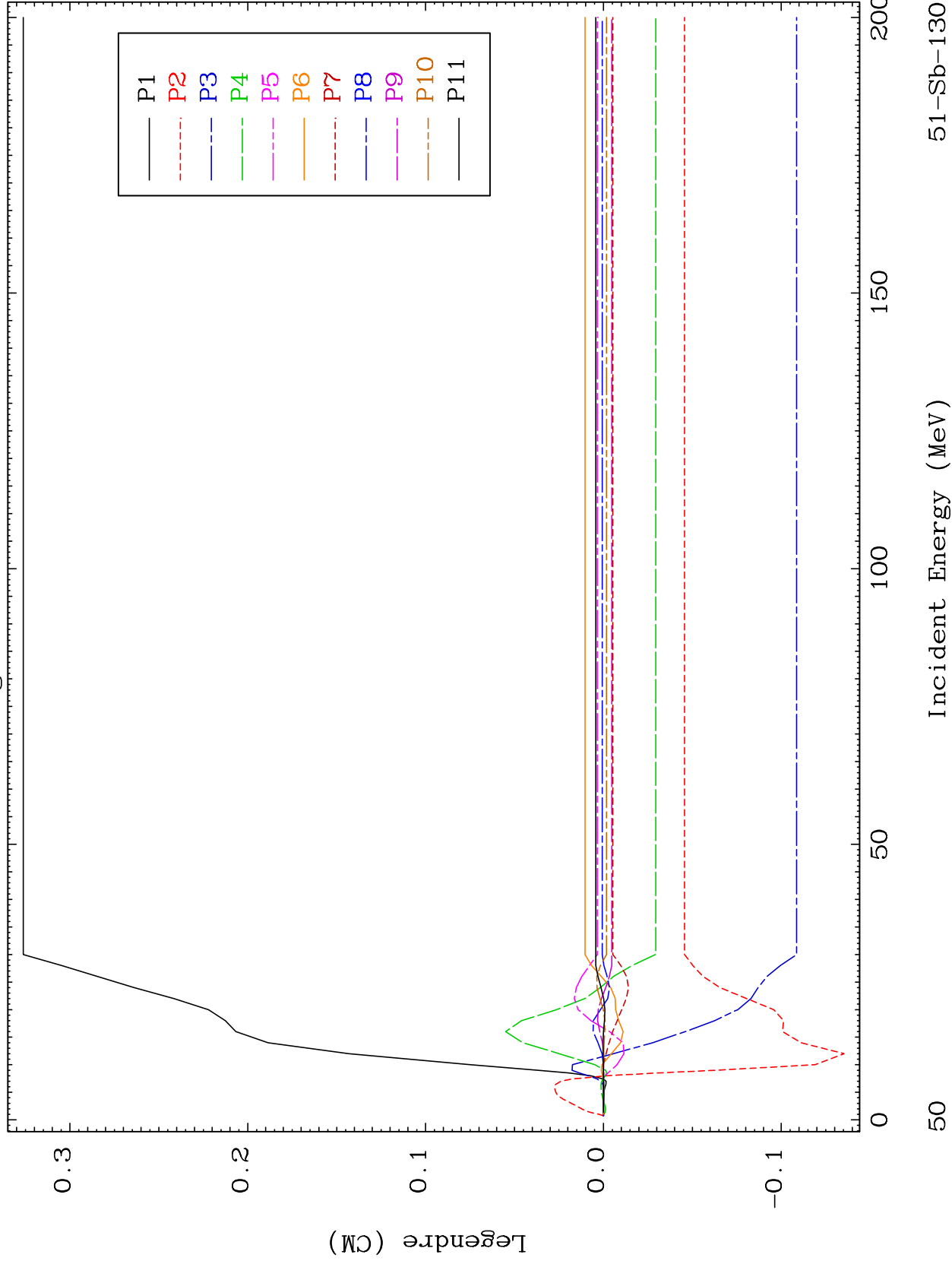
Incident Energy (MeV)

51-Sb-130

MAT 5152

689.0 keV (n,n') Level  
Legendre Coefficients

51-Sb-130



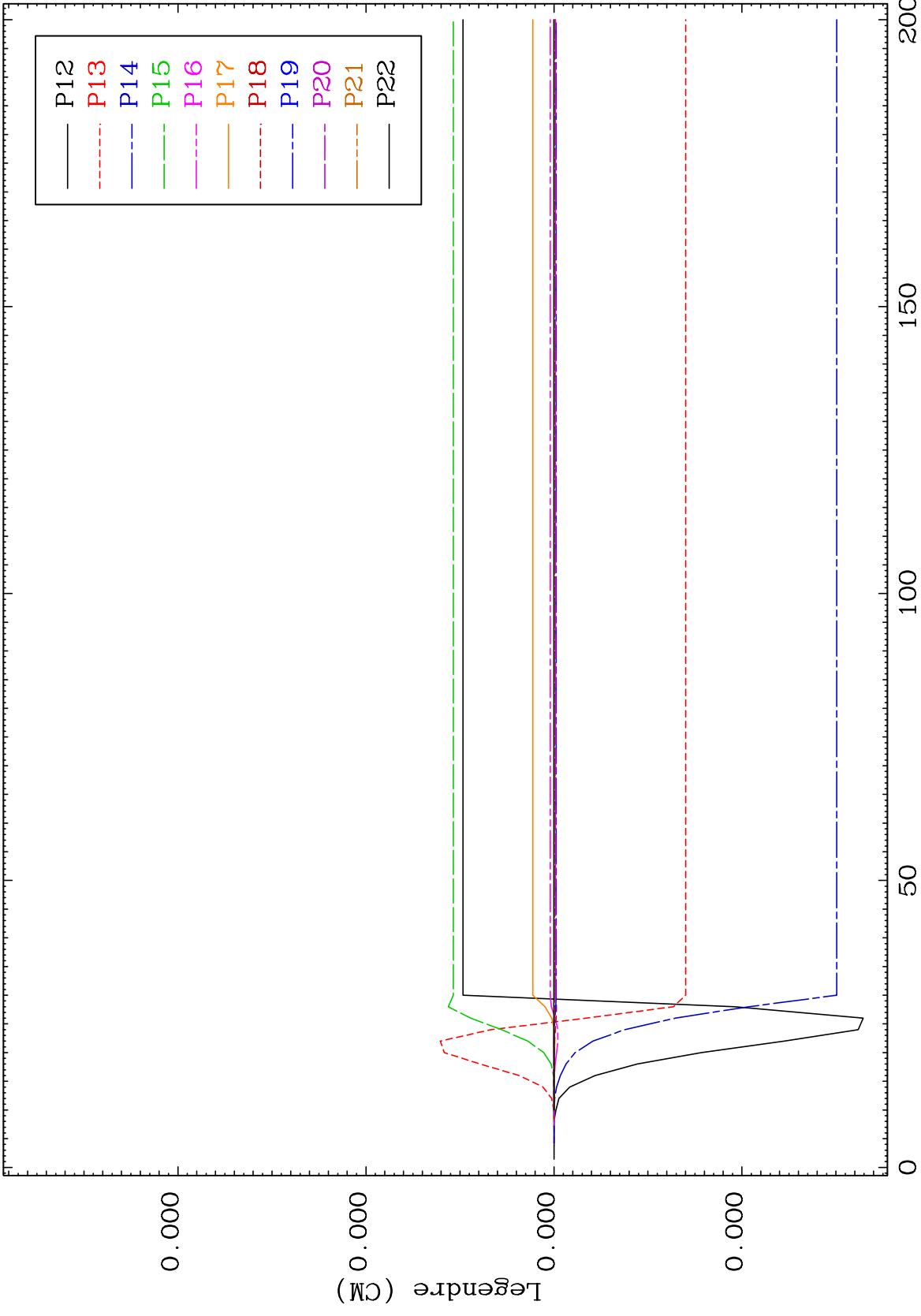
51-Sb-130

Incident Energy (MeV)

MAT 5152

689.0 keV (n,n') Level  
Legendre Coefficients

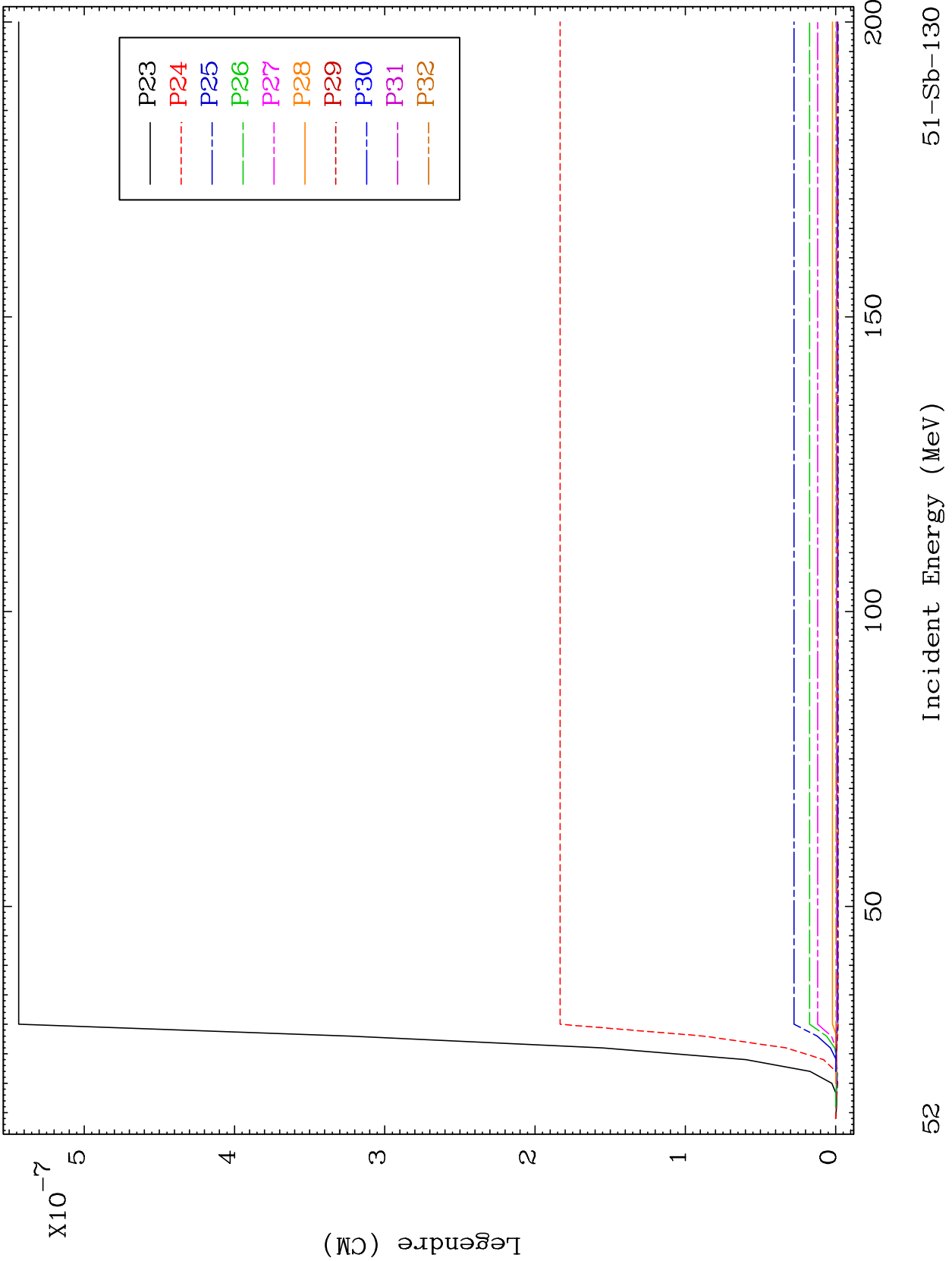
51-Sb-130

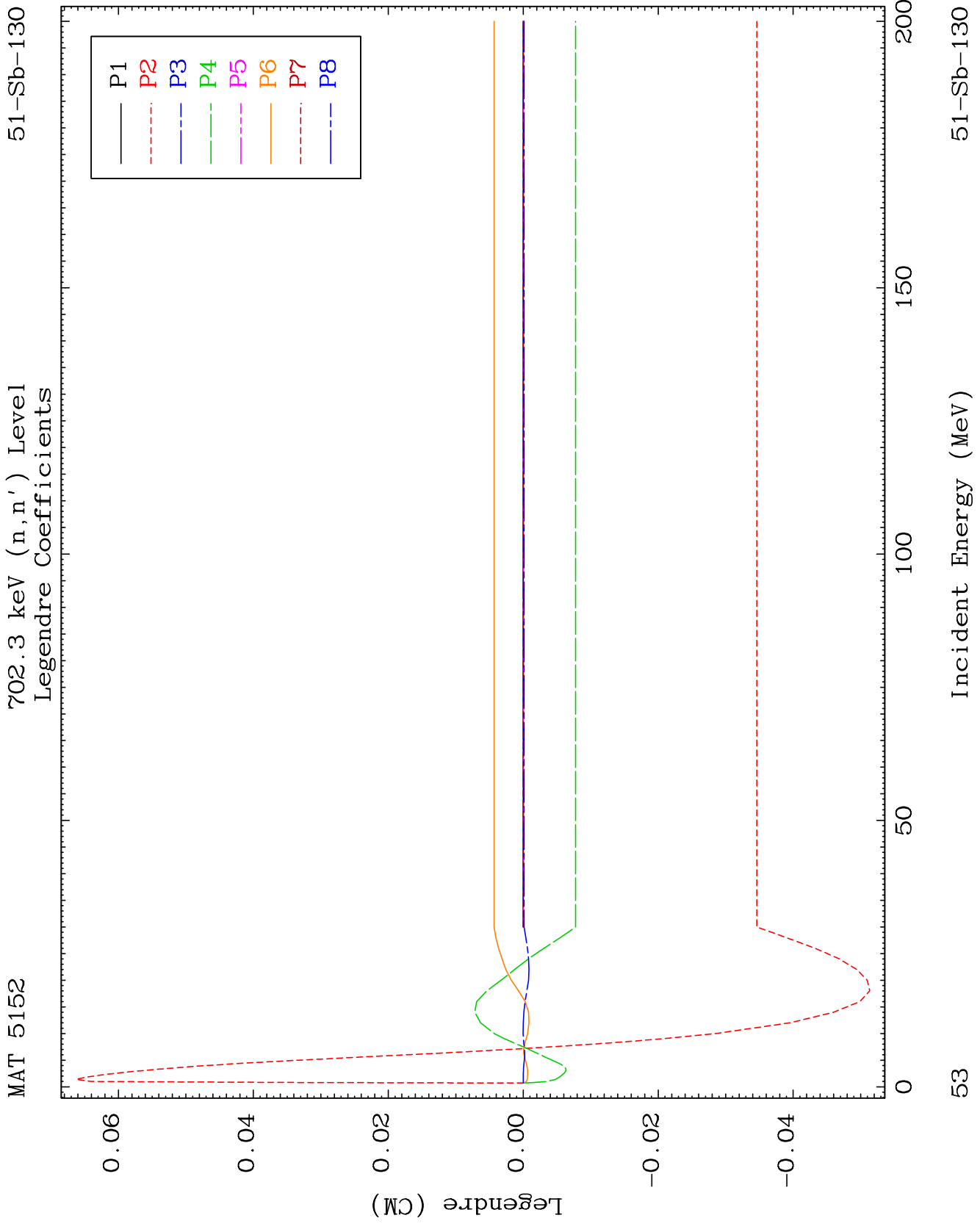


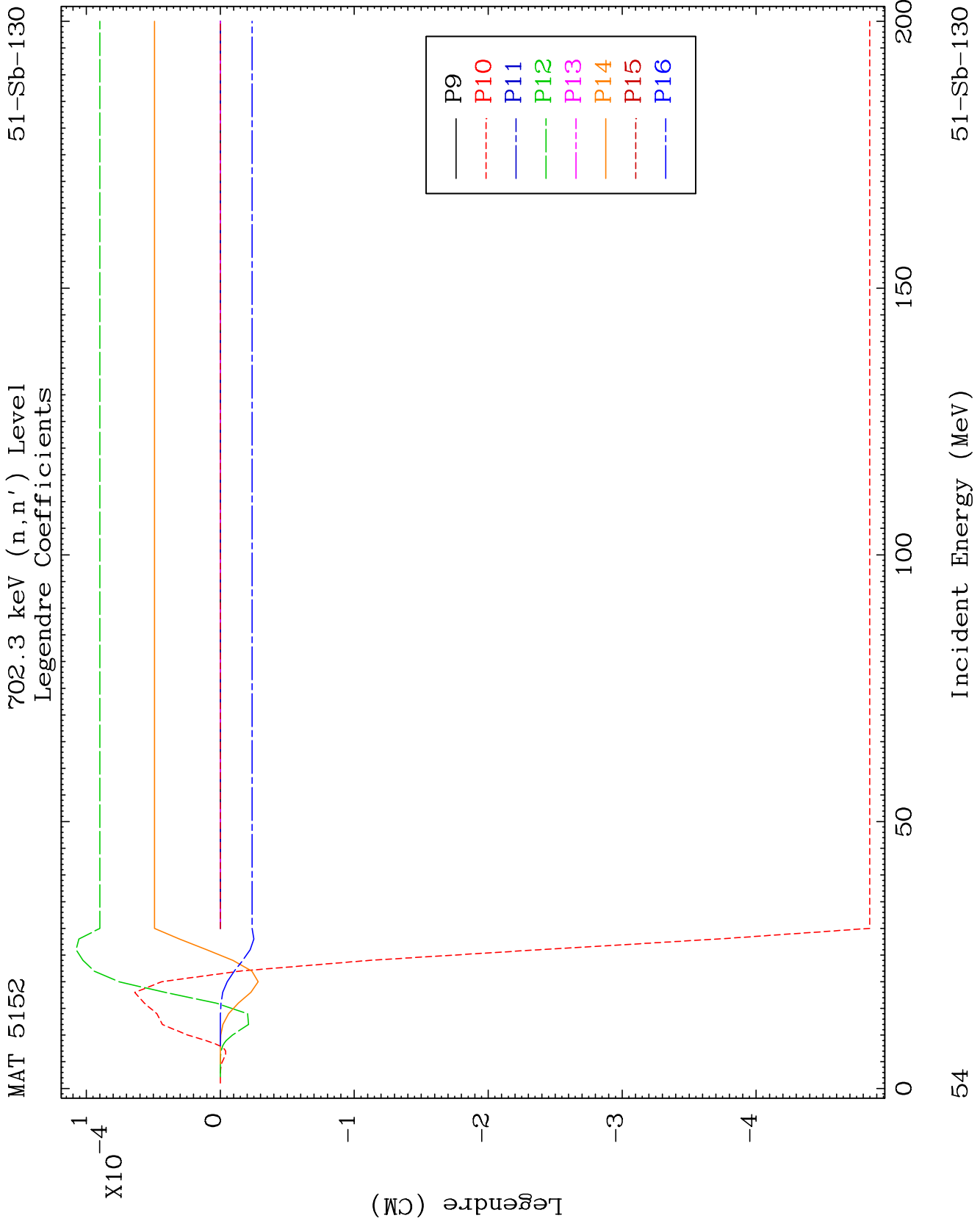
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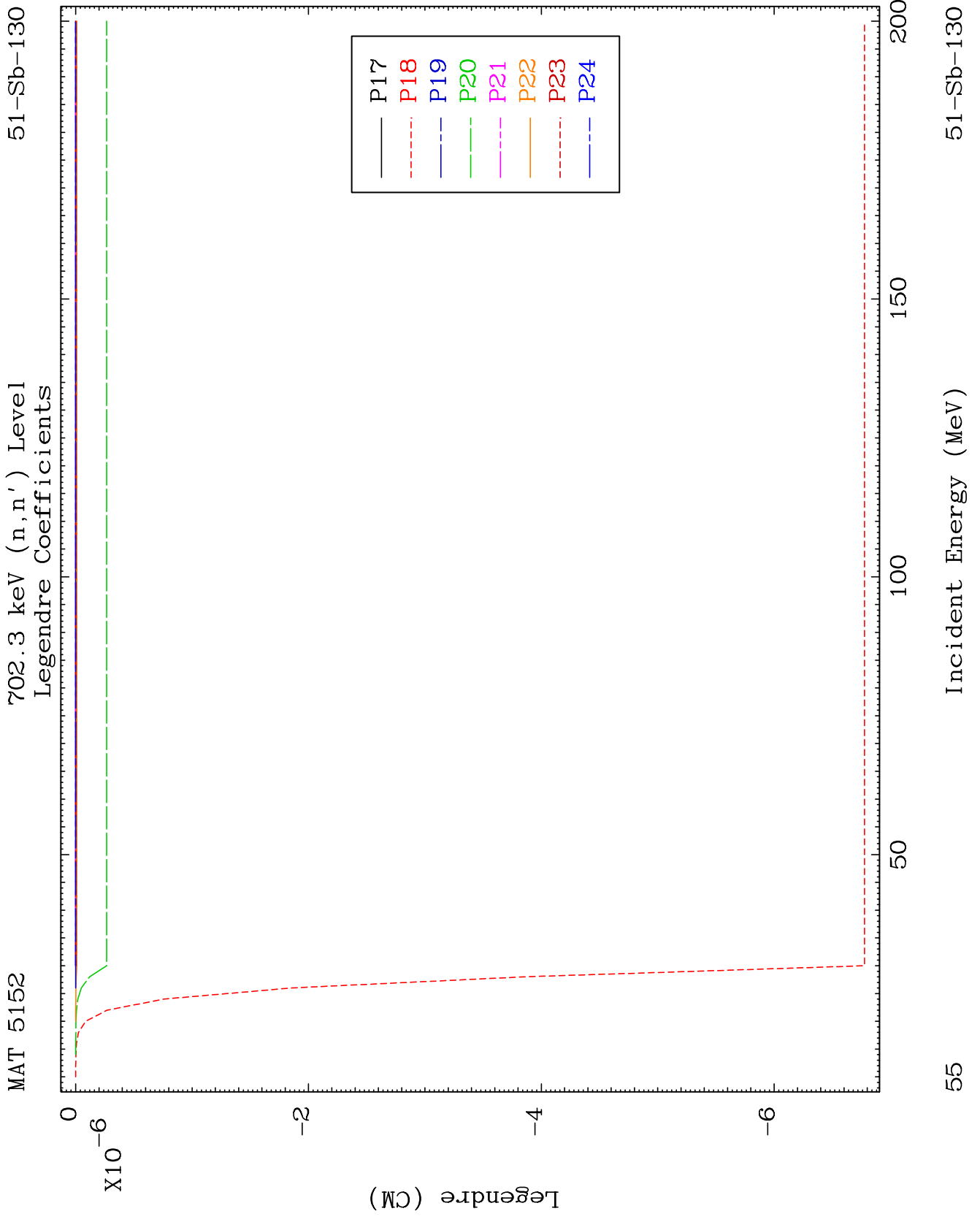
Incident Energy (MeV)

51-Sb-130







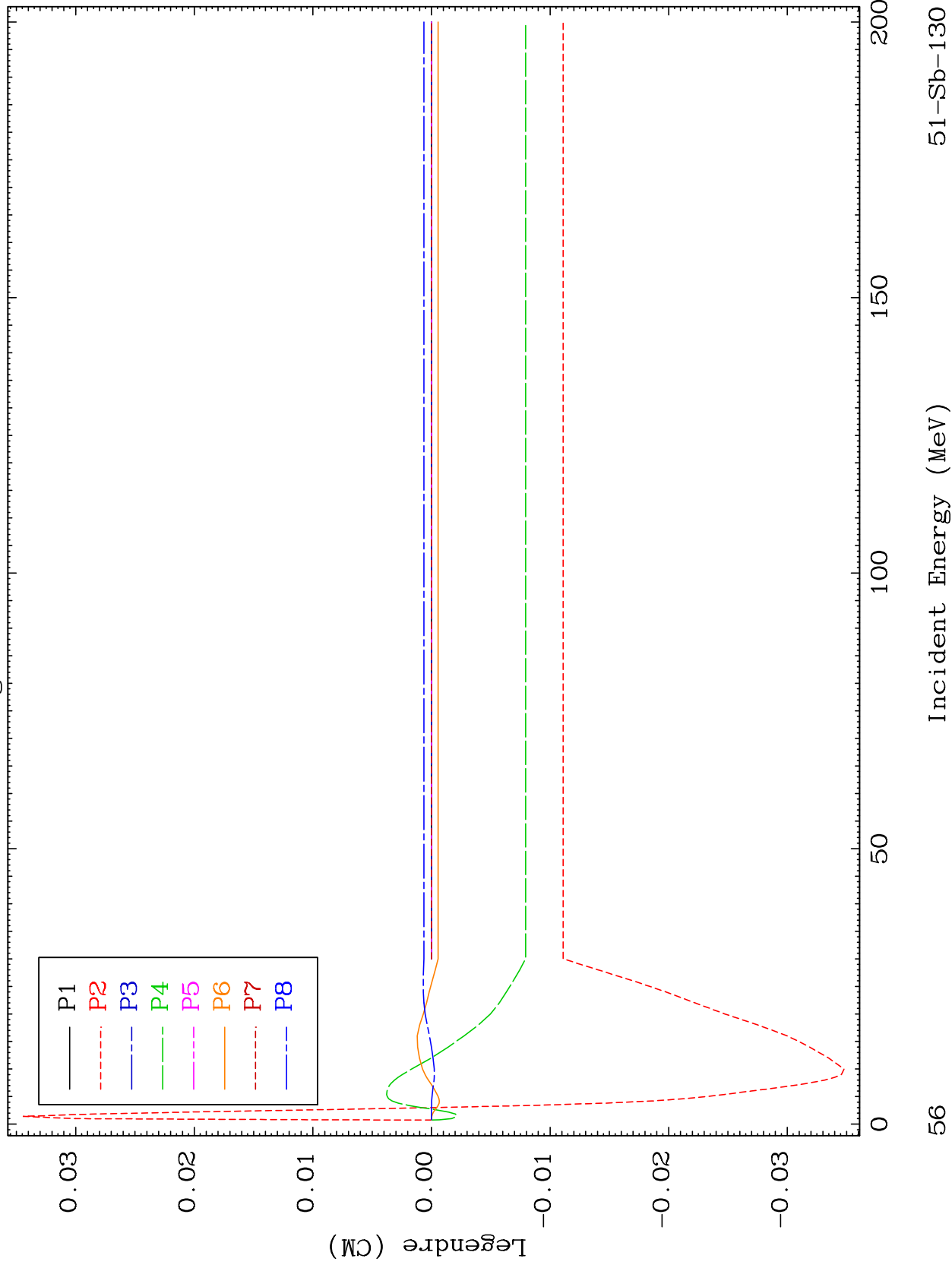




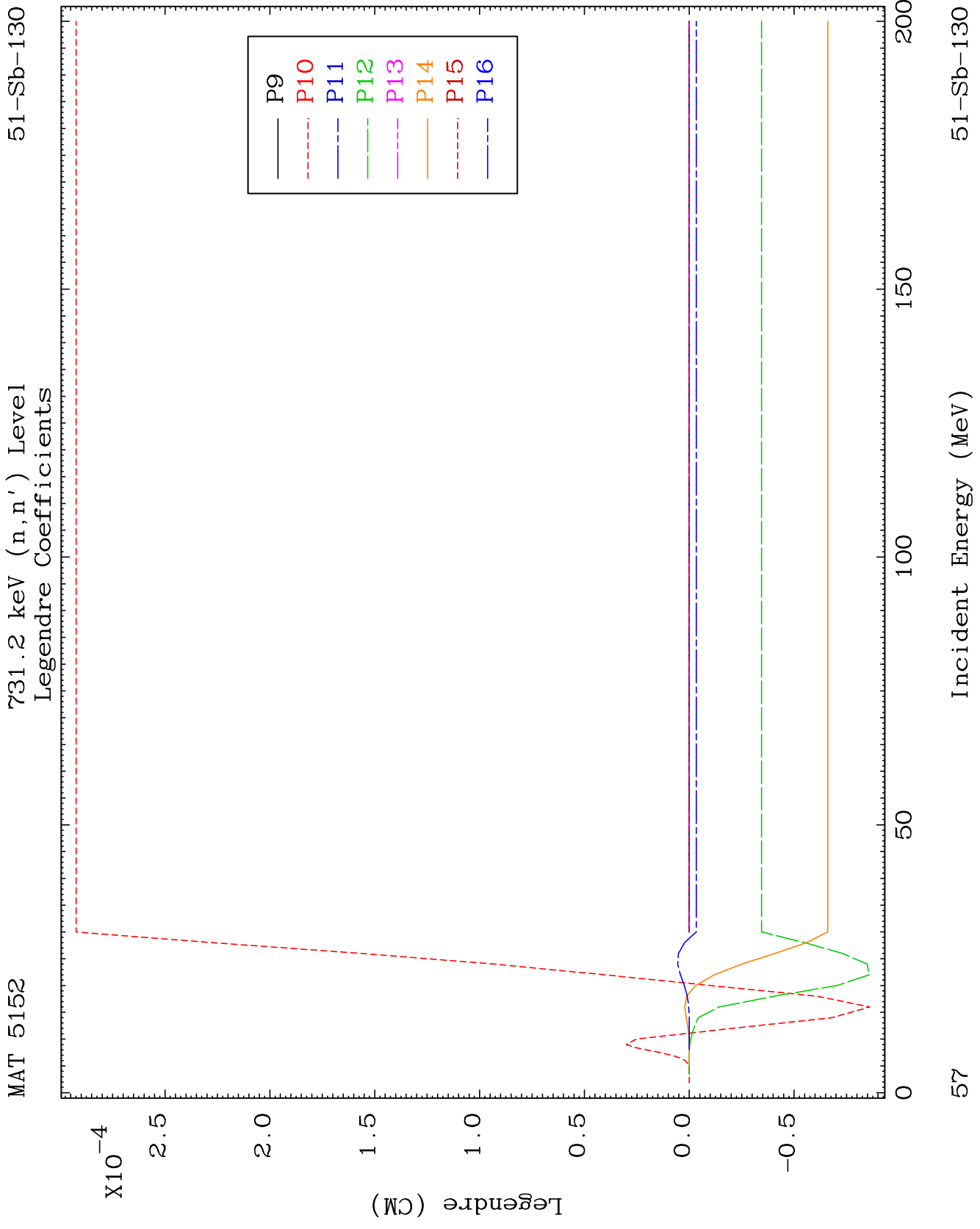
MAT 5152

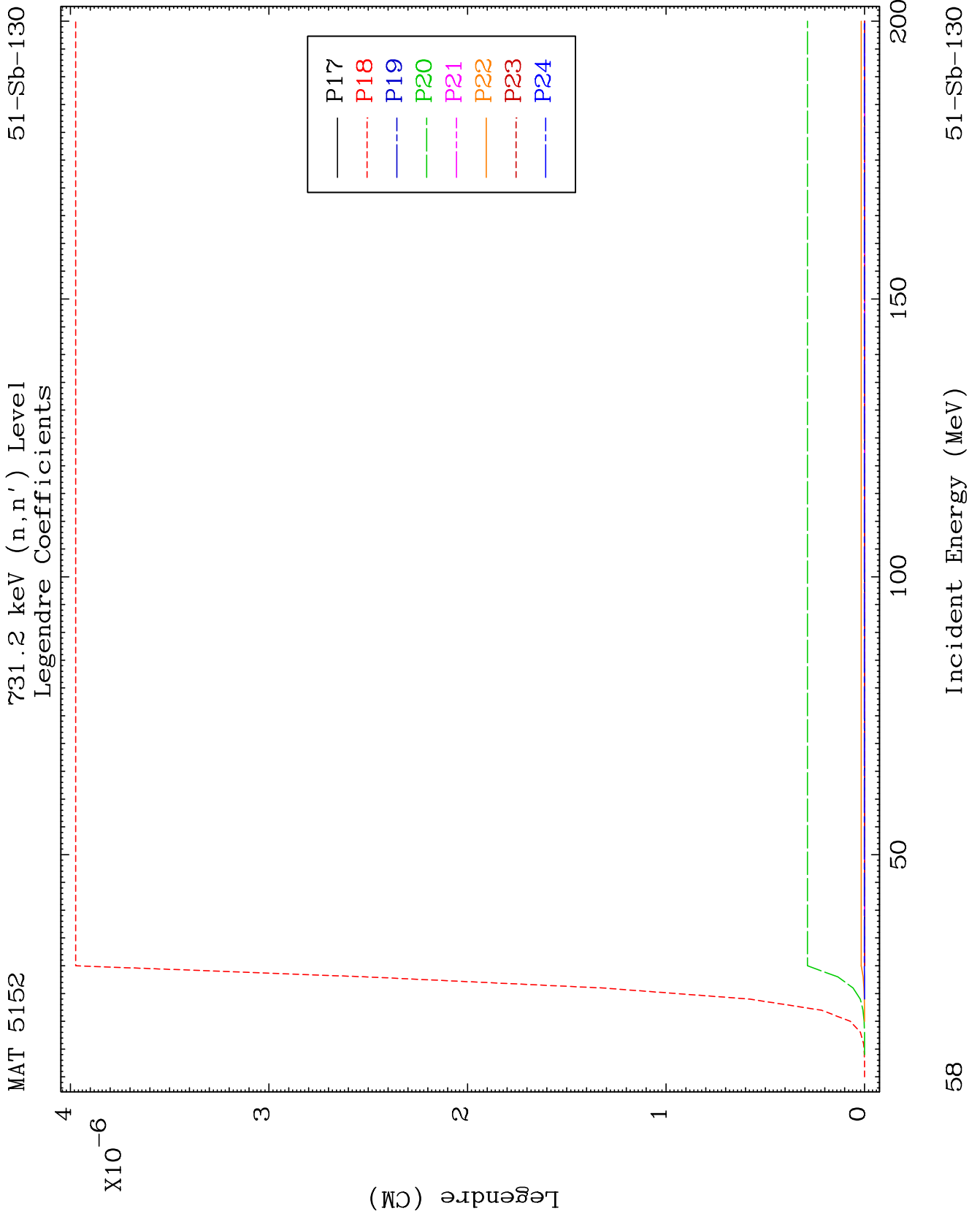
731.2 keV (n,n') Level  
Legendre Coefficients

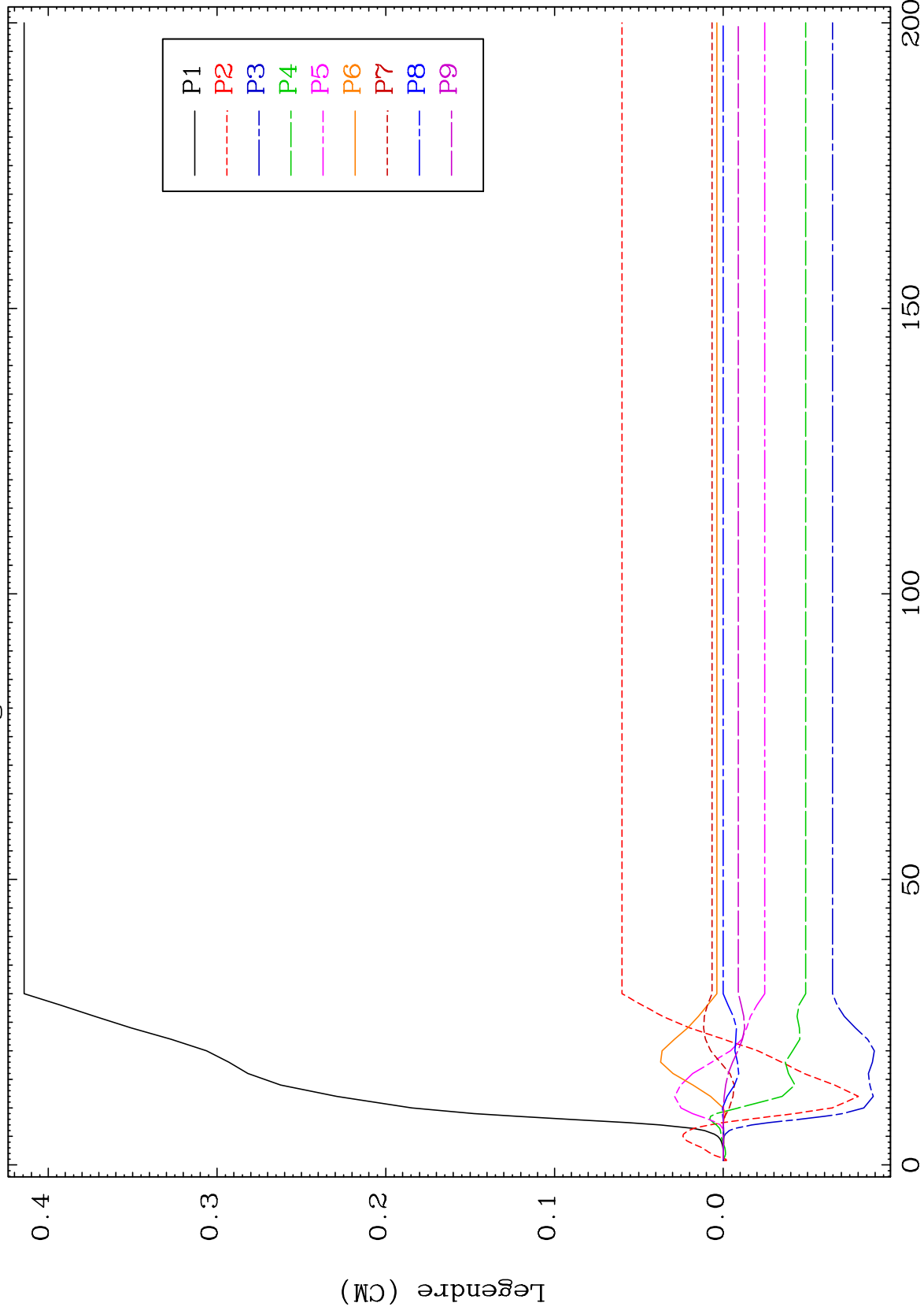
51-Sb-130



56



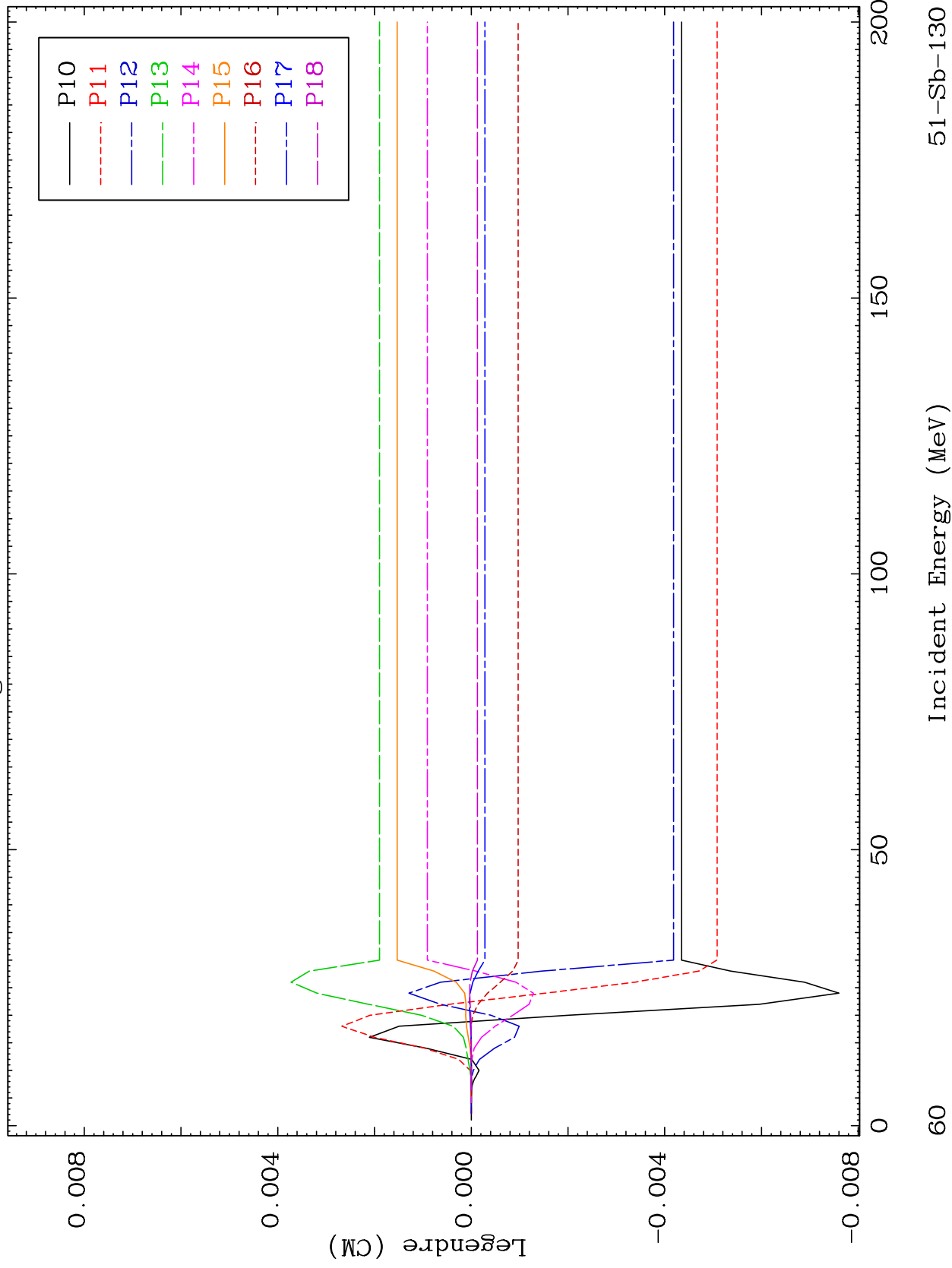




MAT 5152

733.4 keV (n,n') Level  
Legendre Coefficients

51-Sb-130



51-Sb-130

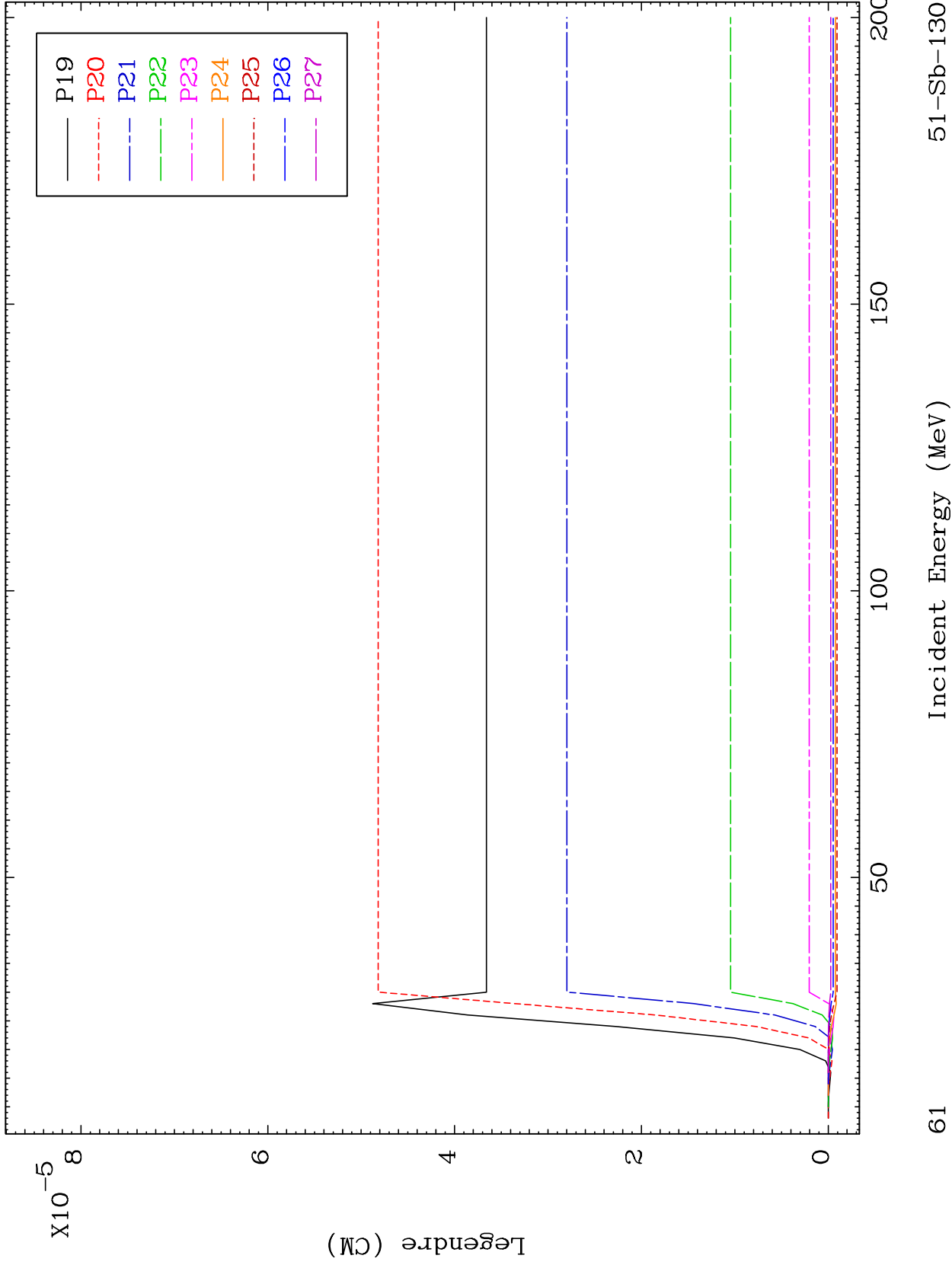
Incident Energy (MeV)

60

MAT 5152

733.4 keV (n,n') Level  
Legendre Coefficients

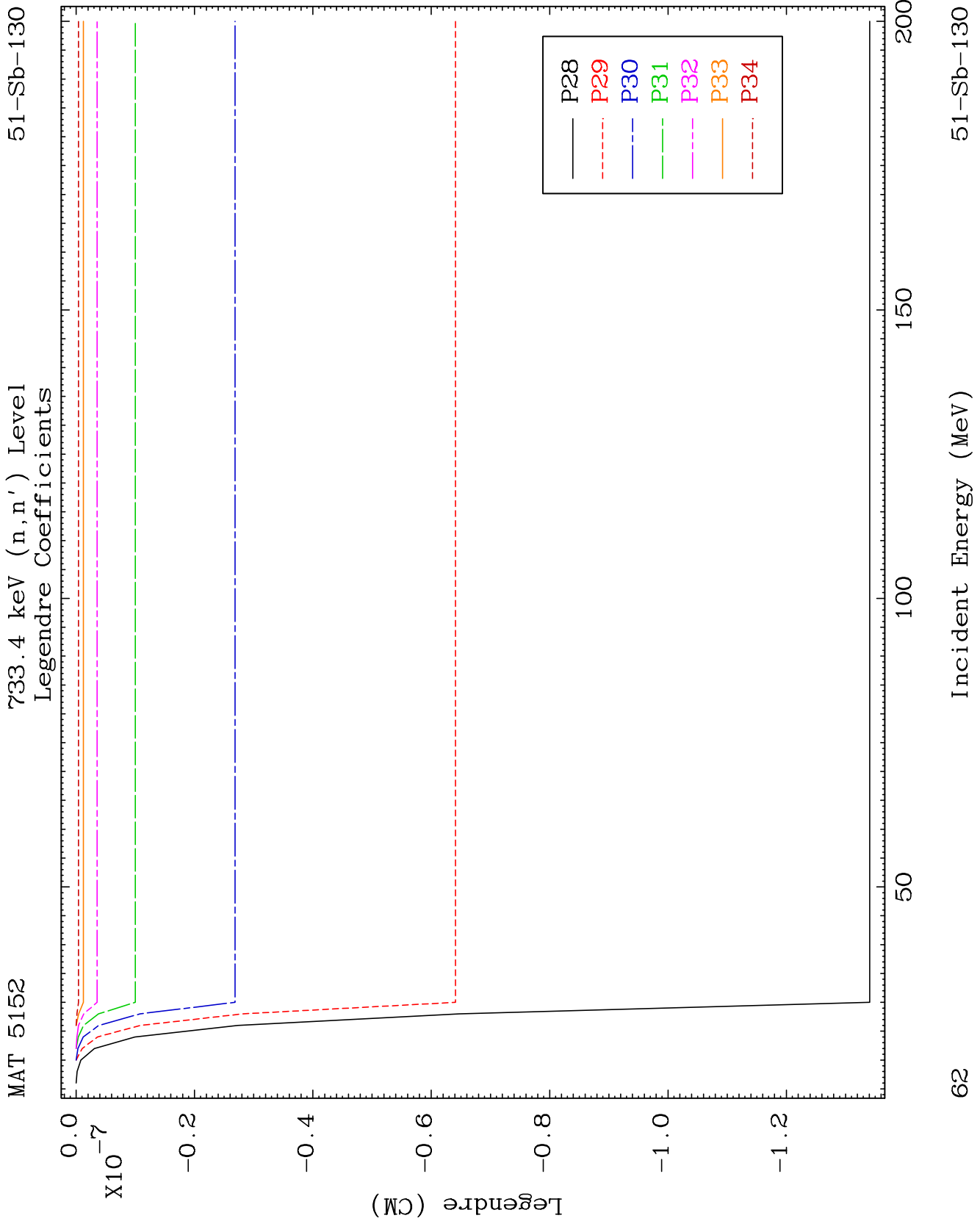
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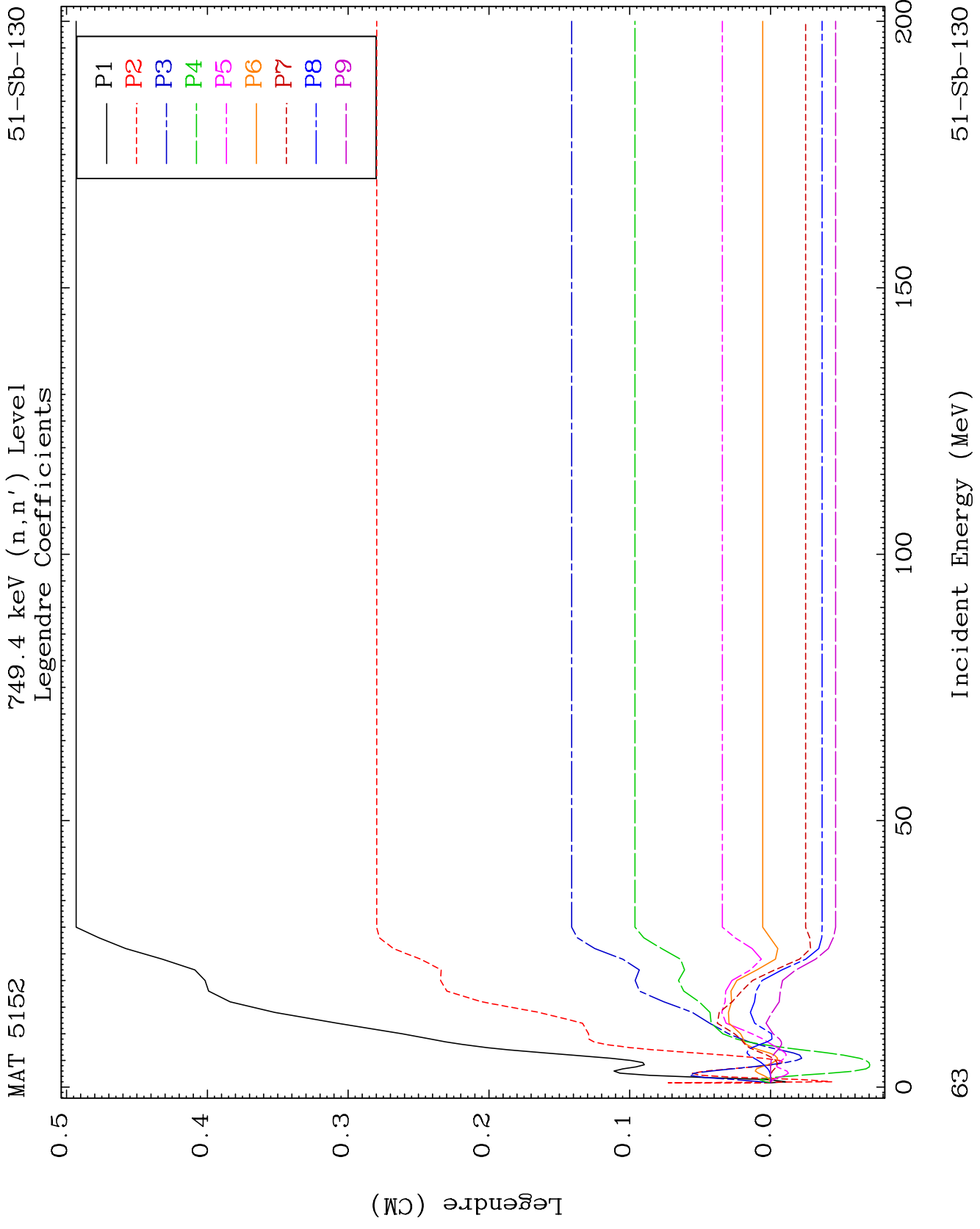


61

Incident Energy (MeV)

51-Sb-130



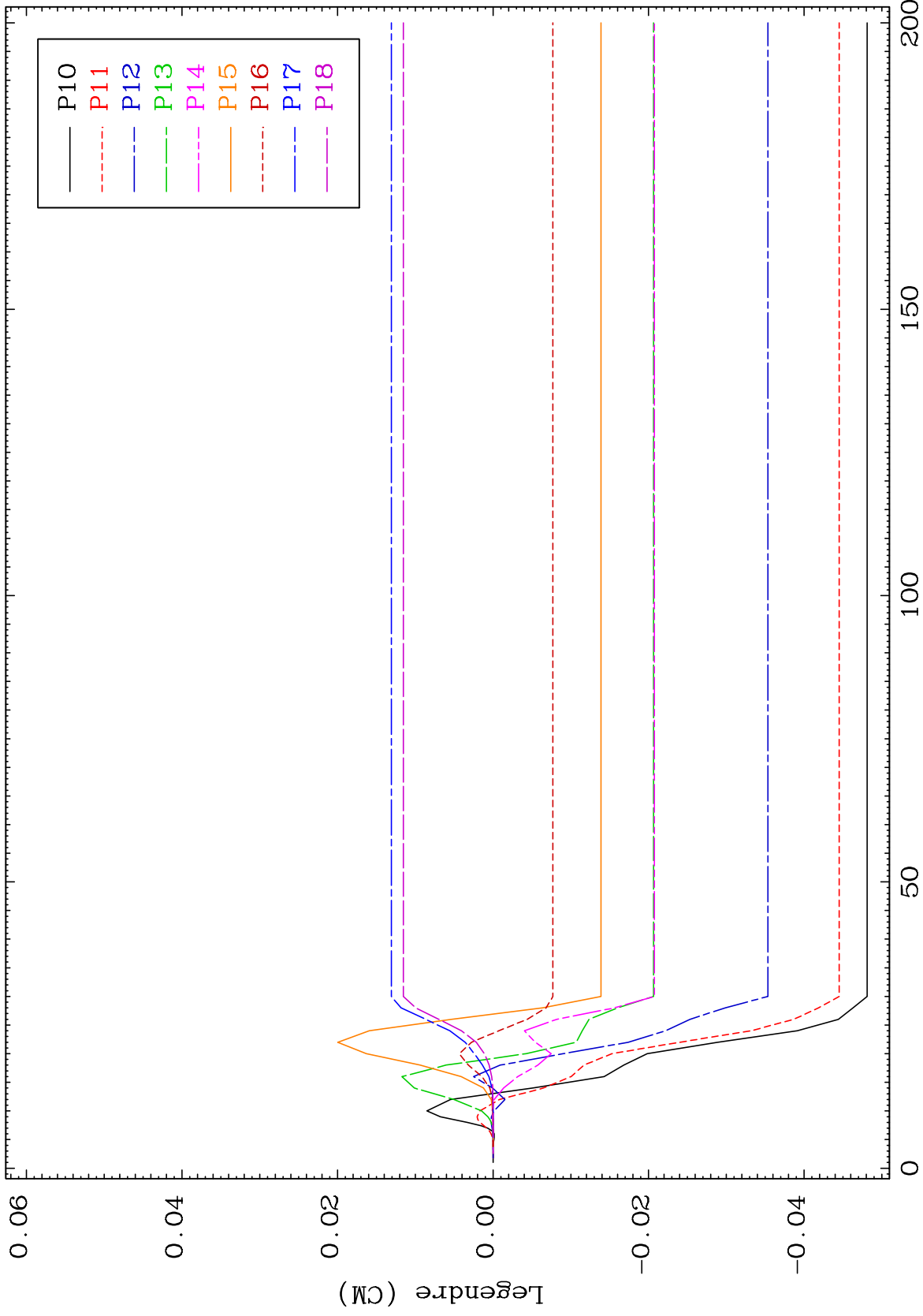




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749.4 keV (n,n') Level  
Legendre Coefficients

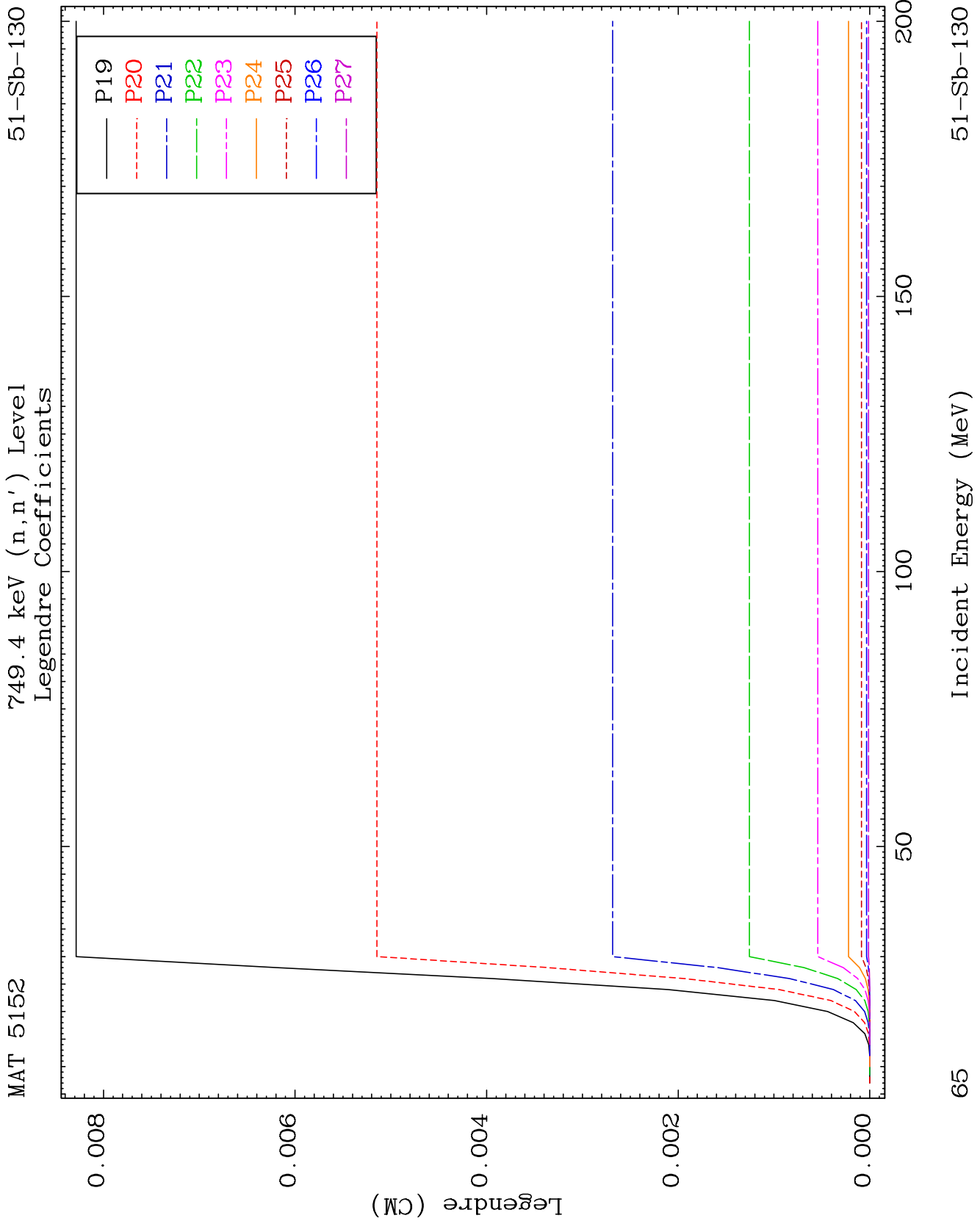
51-Sb-130



64

Incident Energy (MeV)

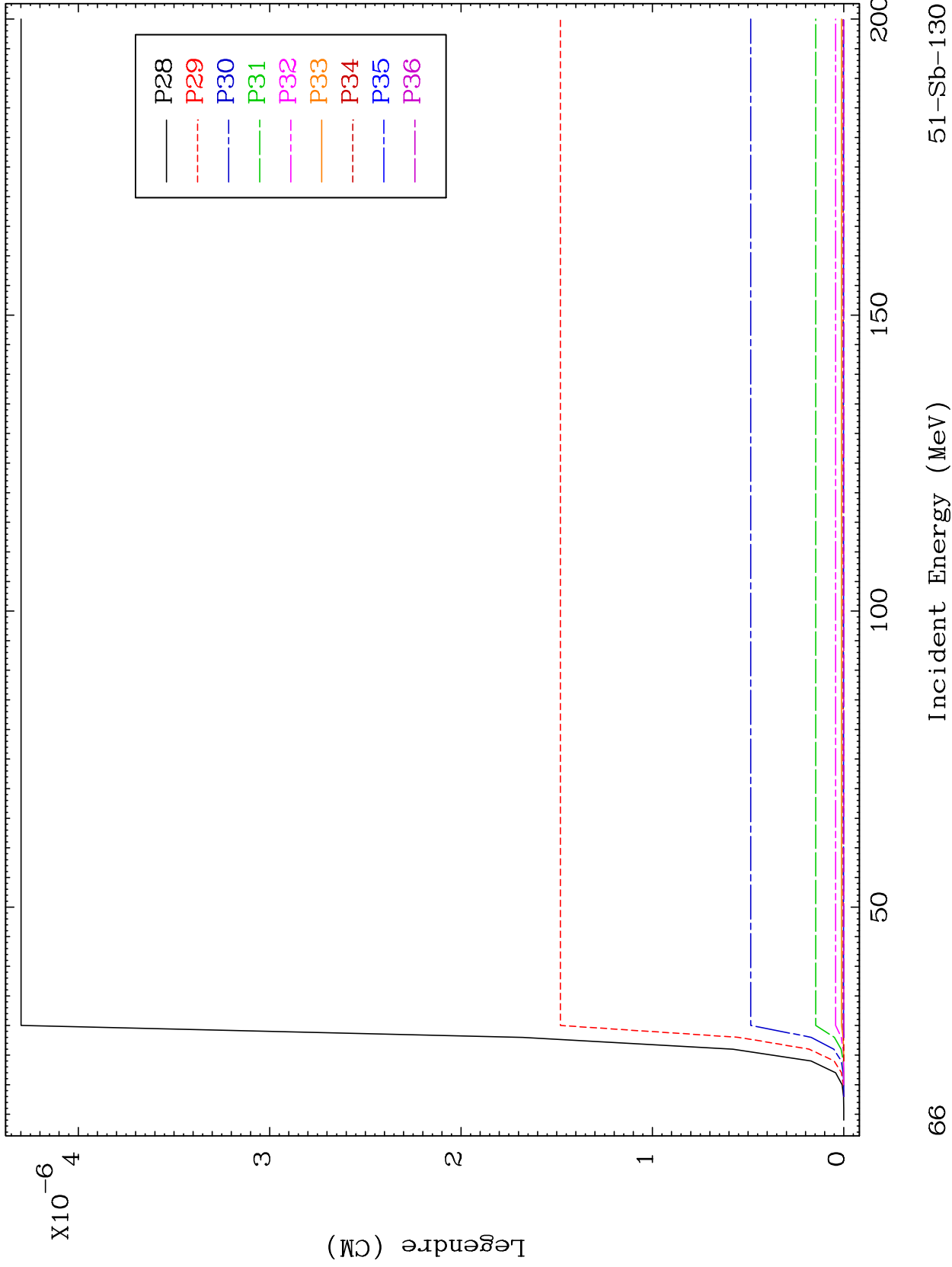
51-Sb-130



MAT 5152

749.4 keV (n,n') Level  
Legendre Coefficients

51-Sb-130

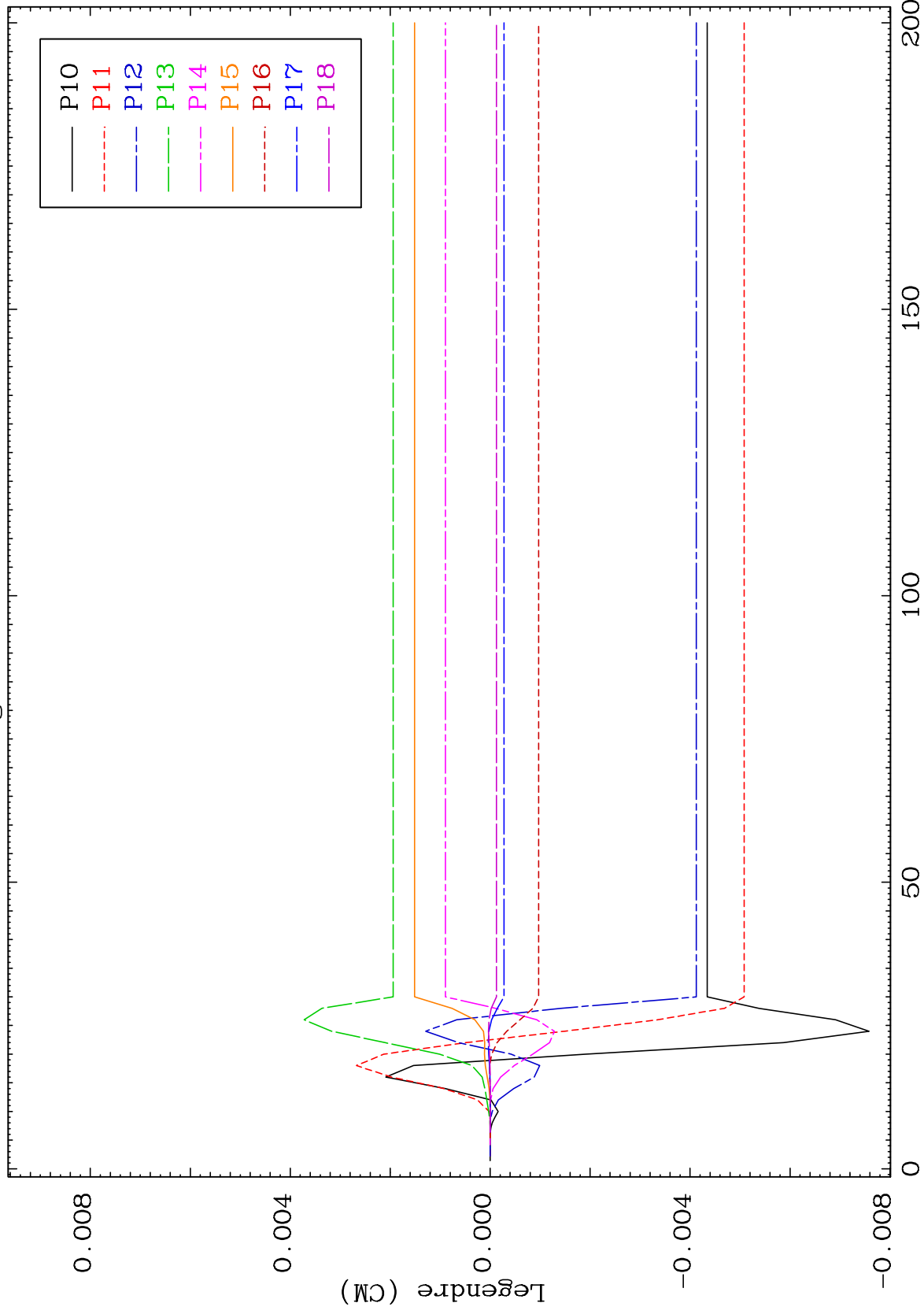




MAT 5152

814.6 keV (n,n') Level  
Legendre Coefficients

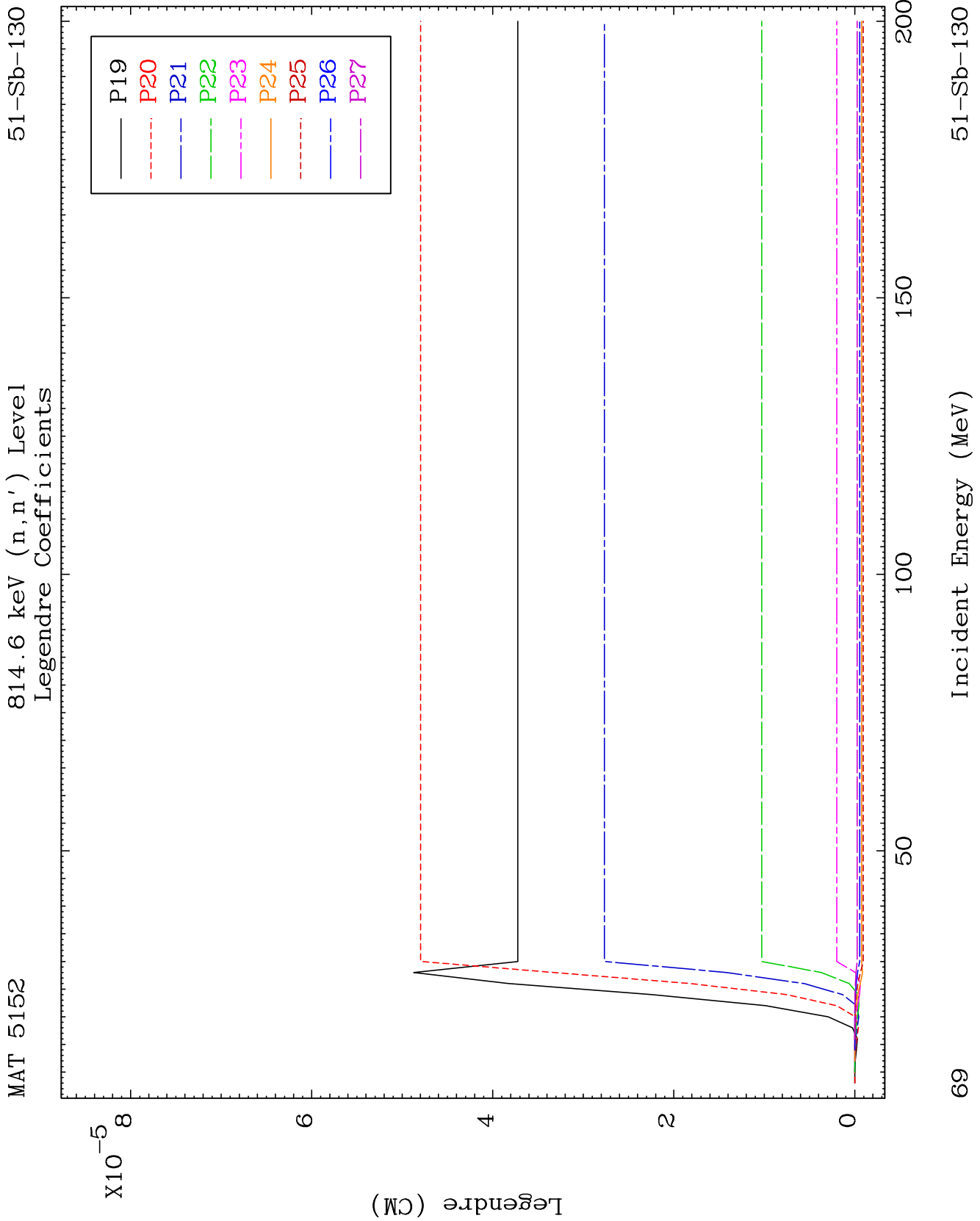
51-Sb-130

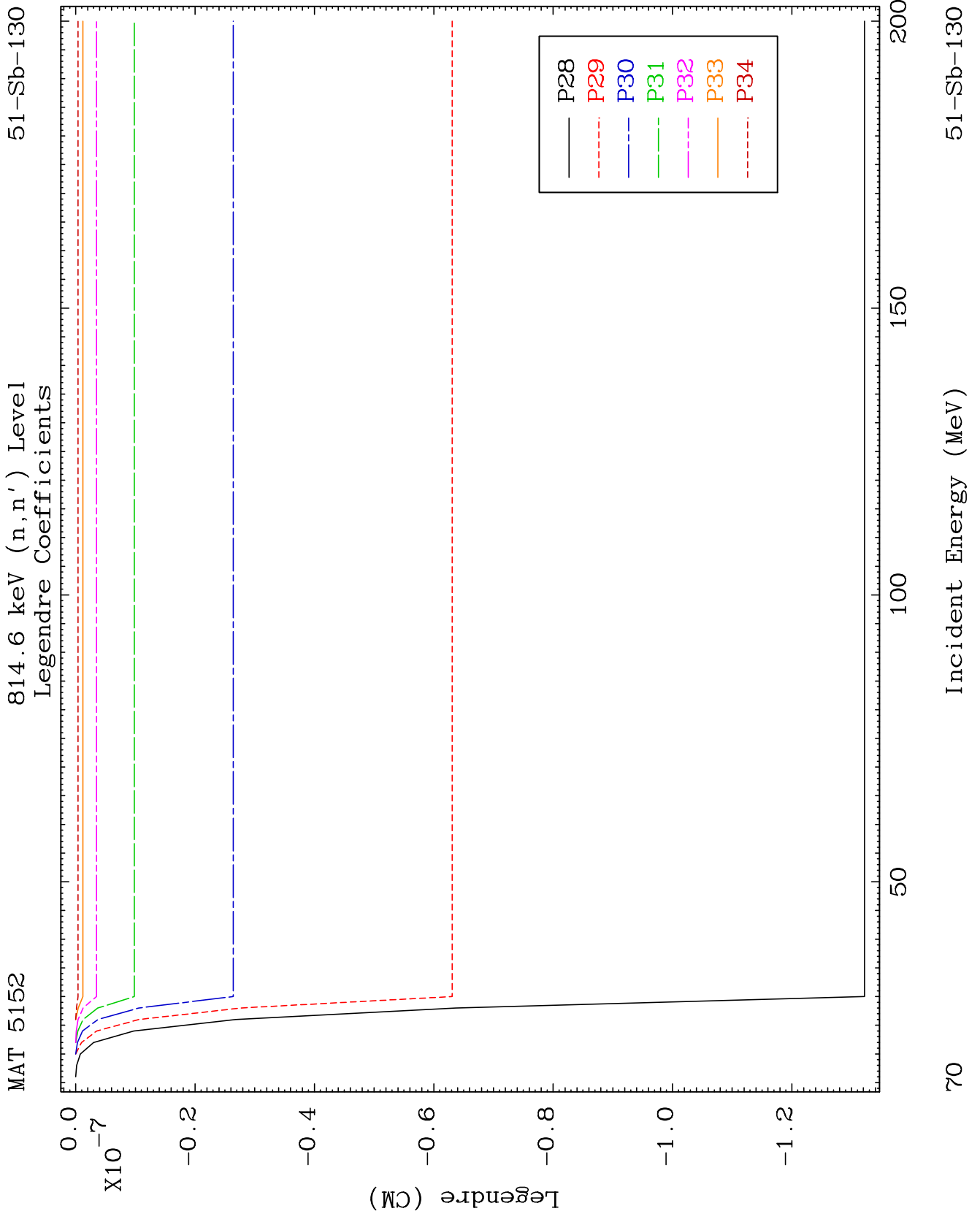


68

Incident Energy (MeV)

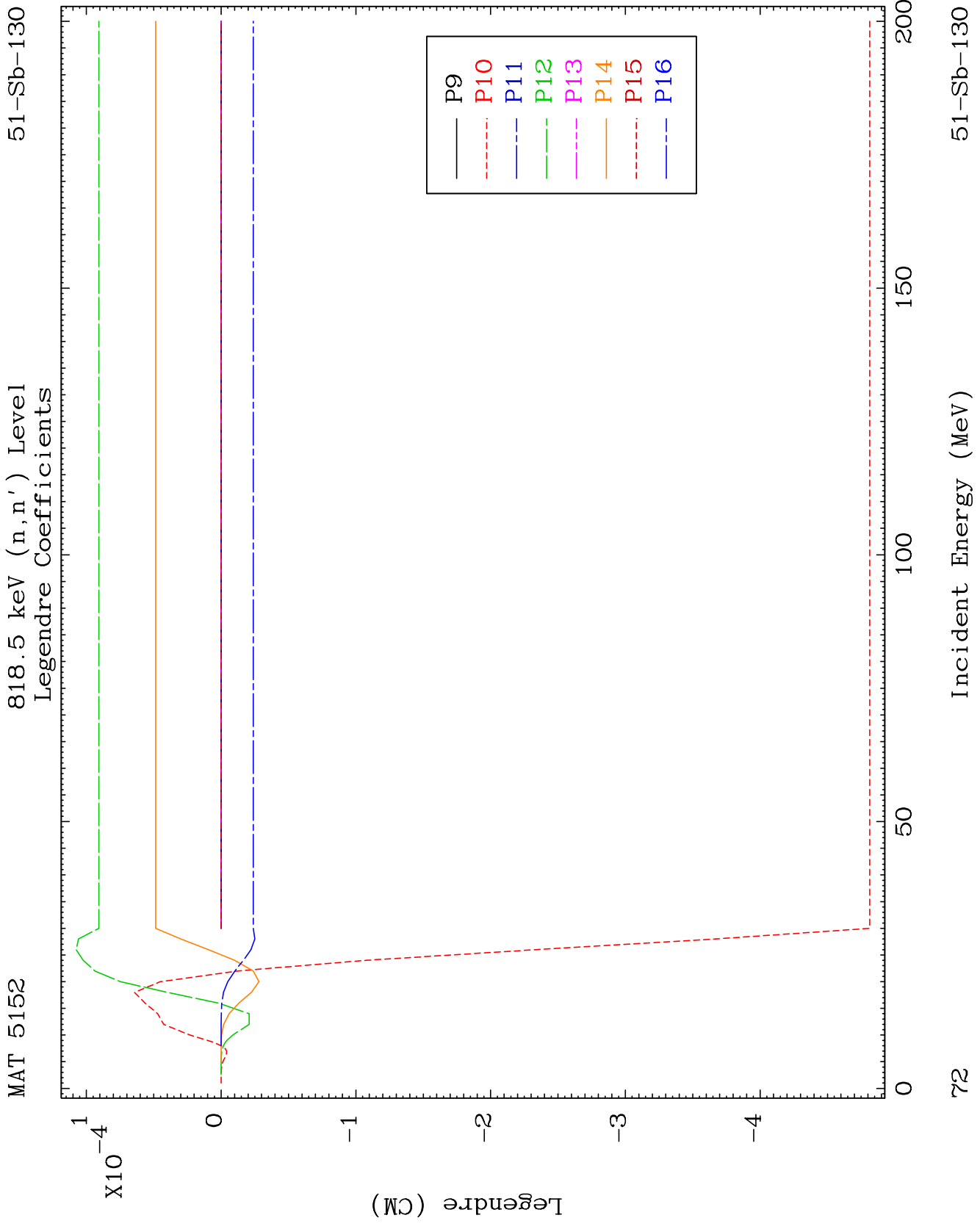
51-Sb-130

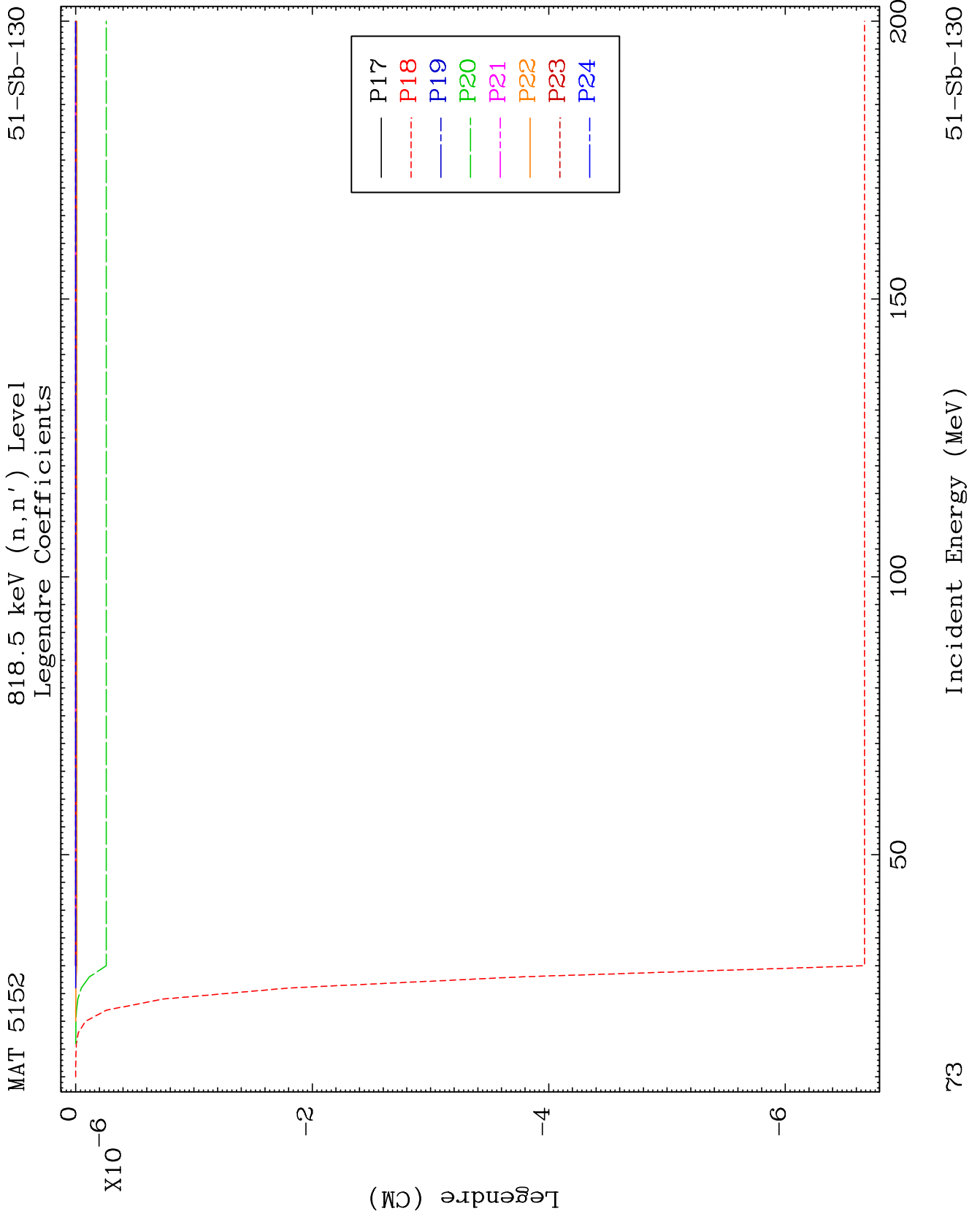








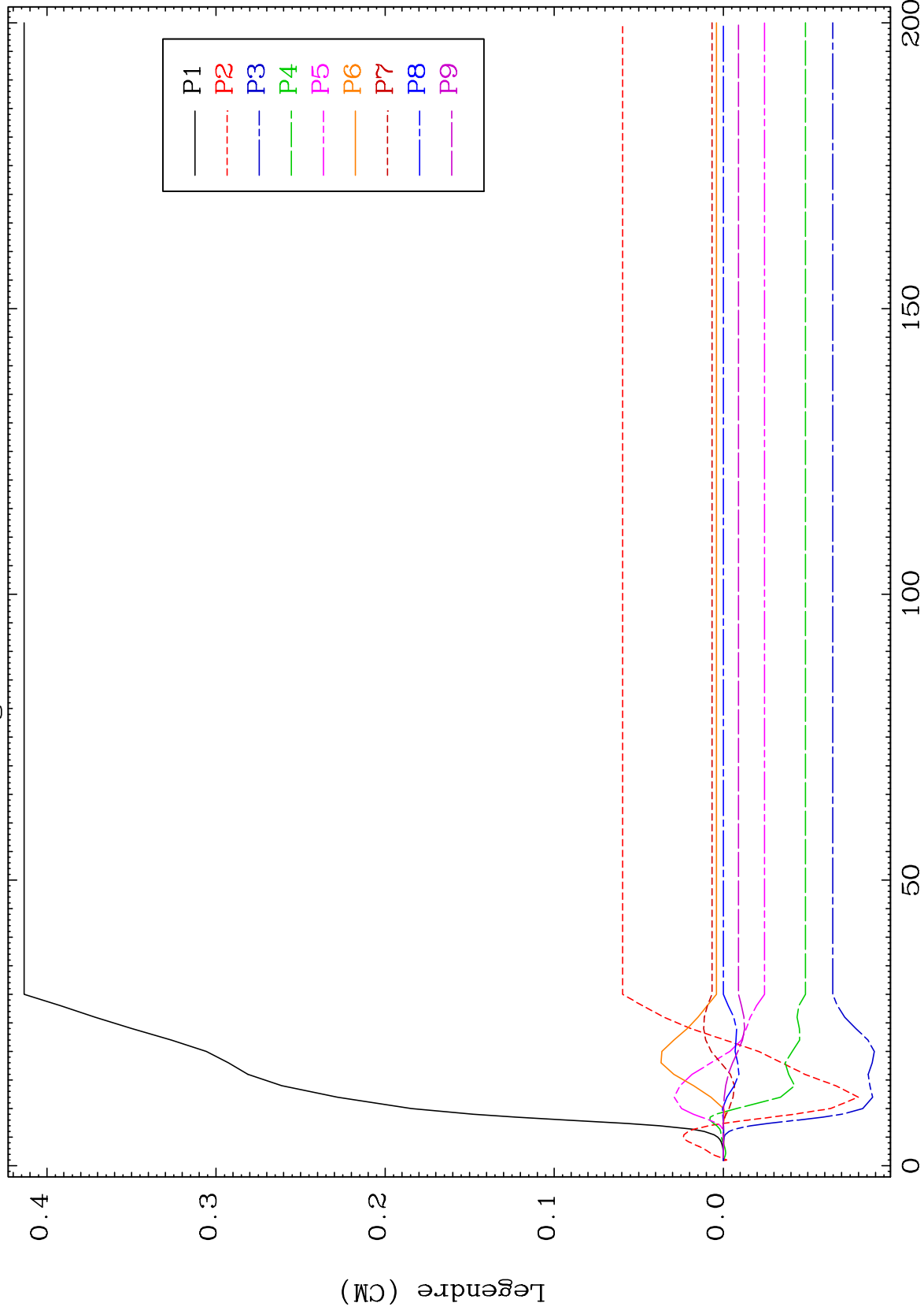




MAT 5152

871.0 keV (n,n') Level  
Legendre Coefficients

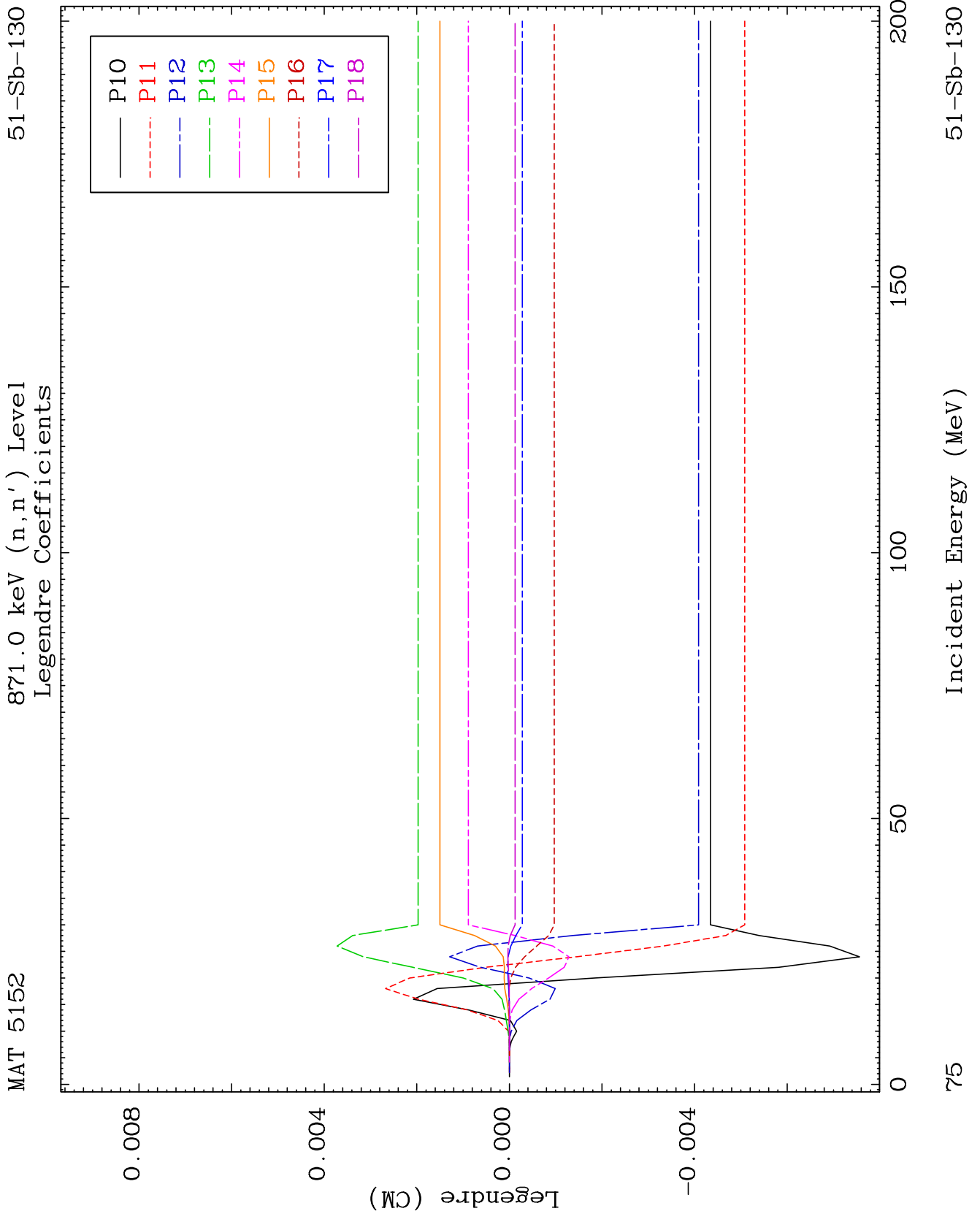
51-Sb-130

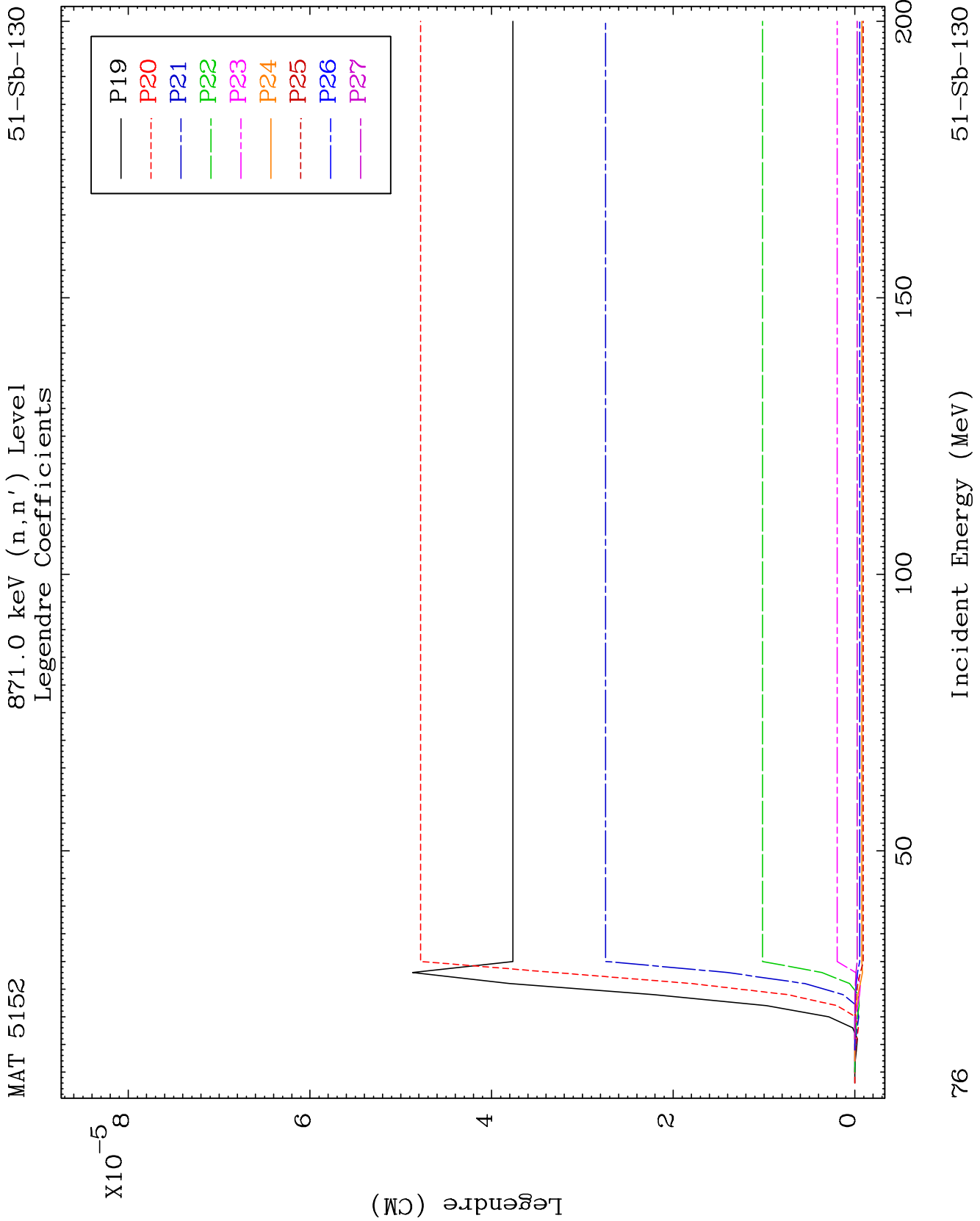


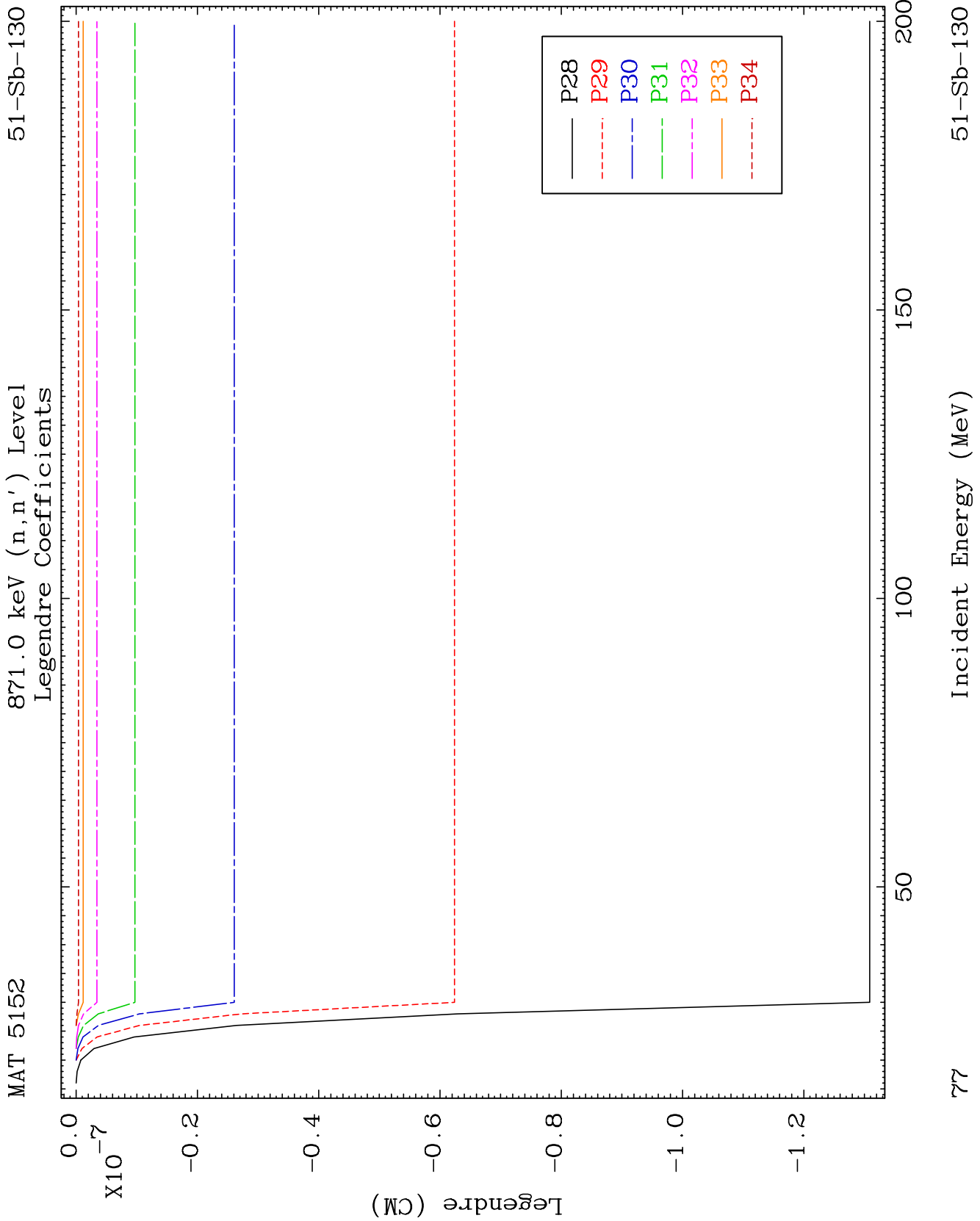
74

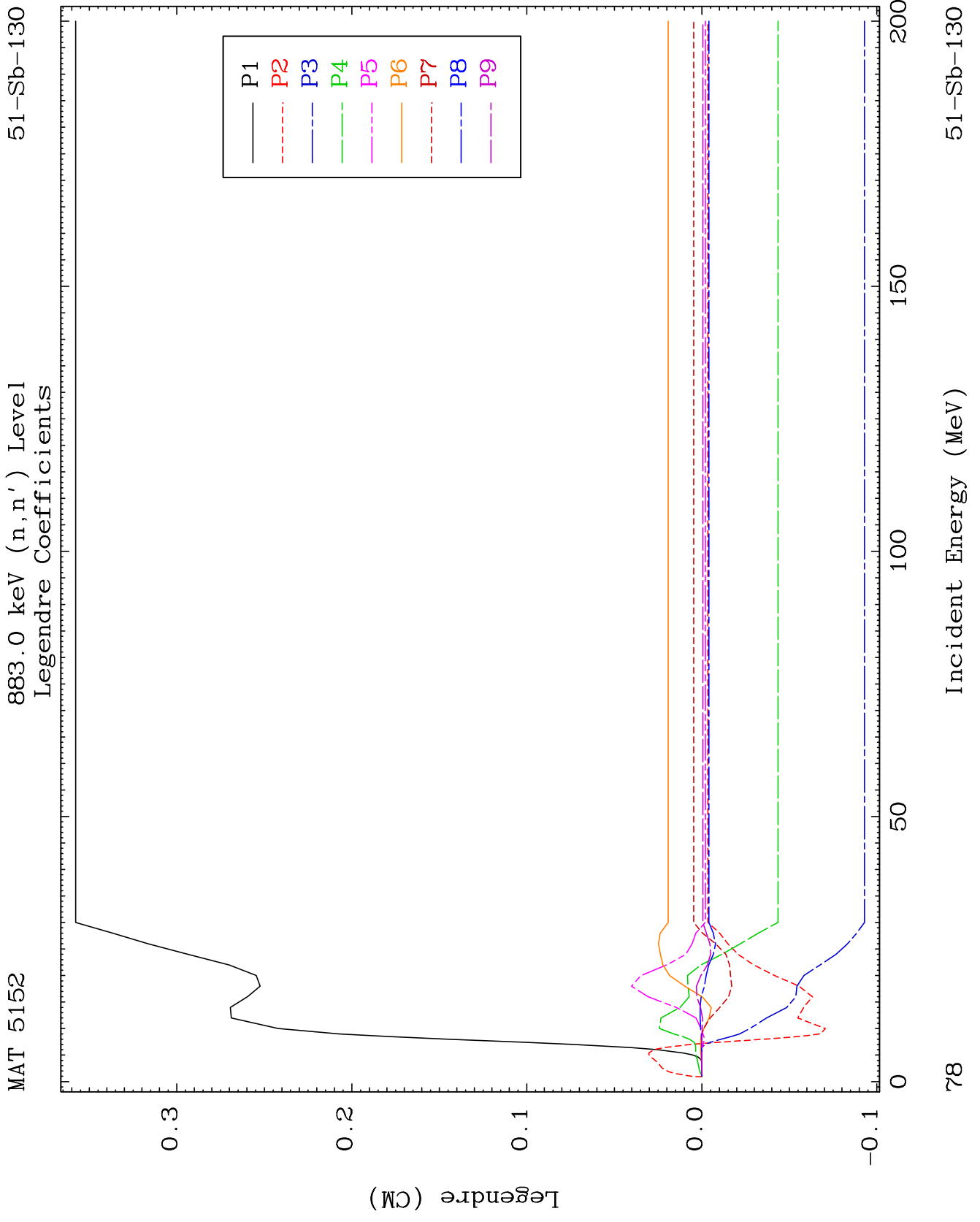
Incident Energy (MeV)

51-Sb-130









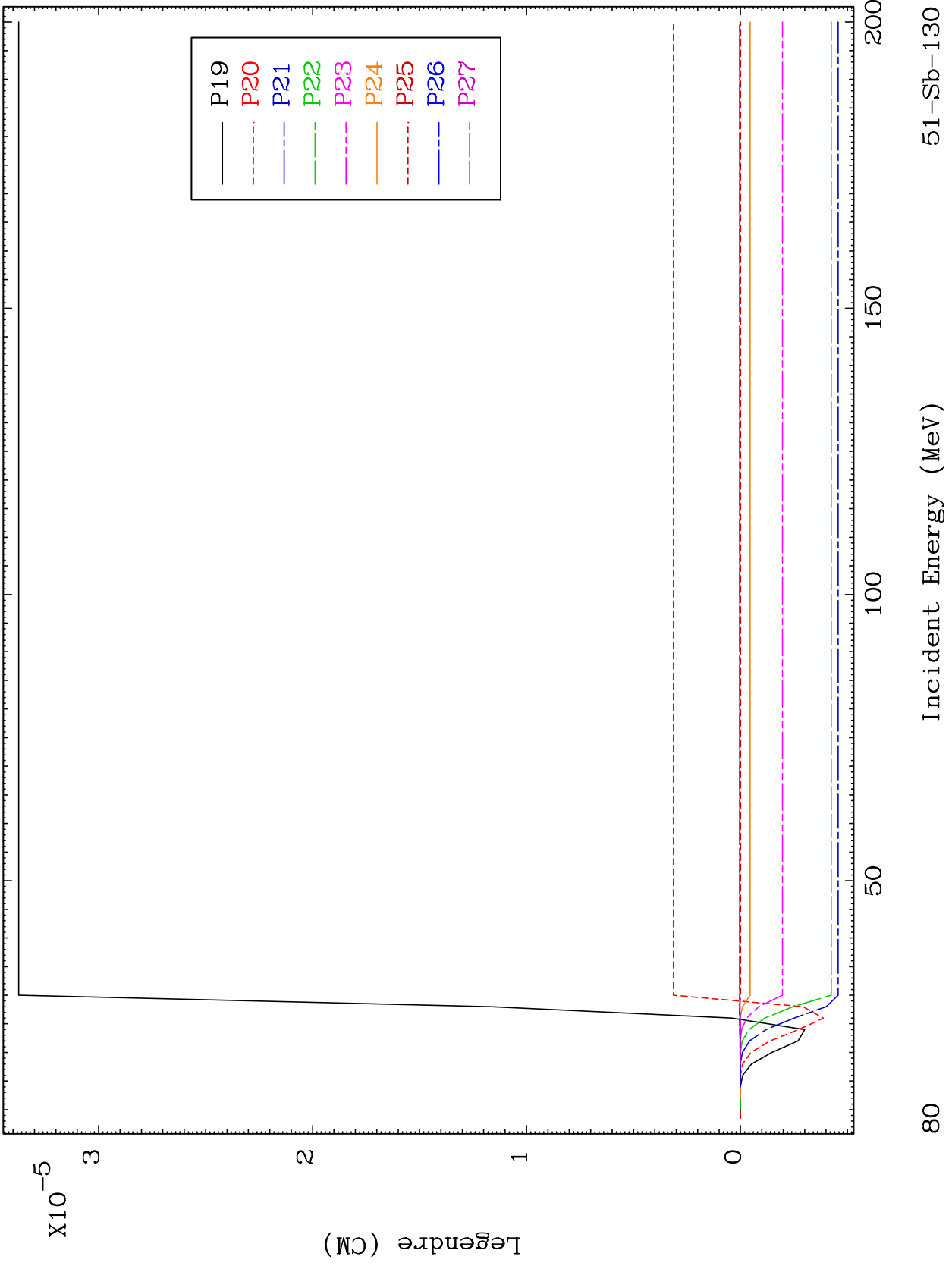




MAT 5152

883.0 keV (n,n') Level  
Legendre Coefficients

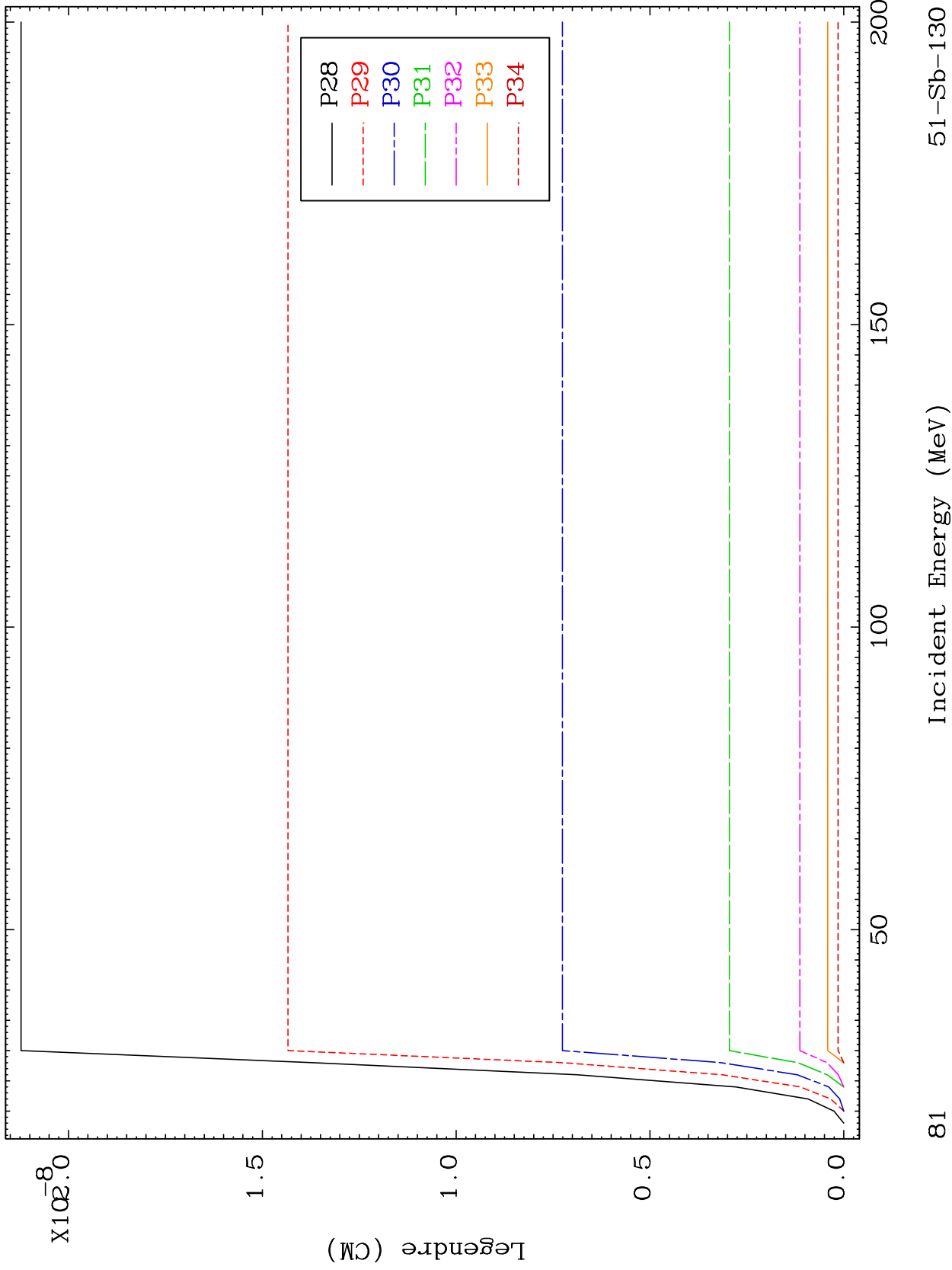
51-Sb-130



MAT 5152

883.0 keV (n,n') Level  
Legendre Coefficients

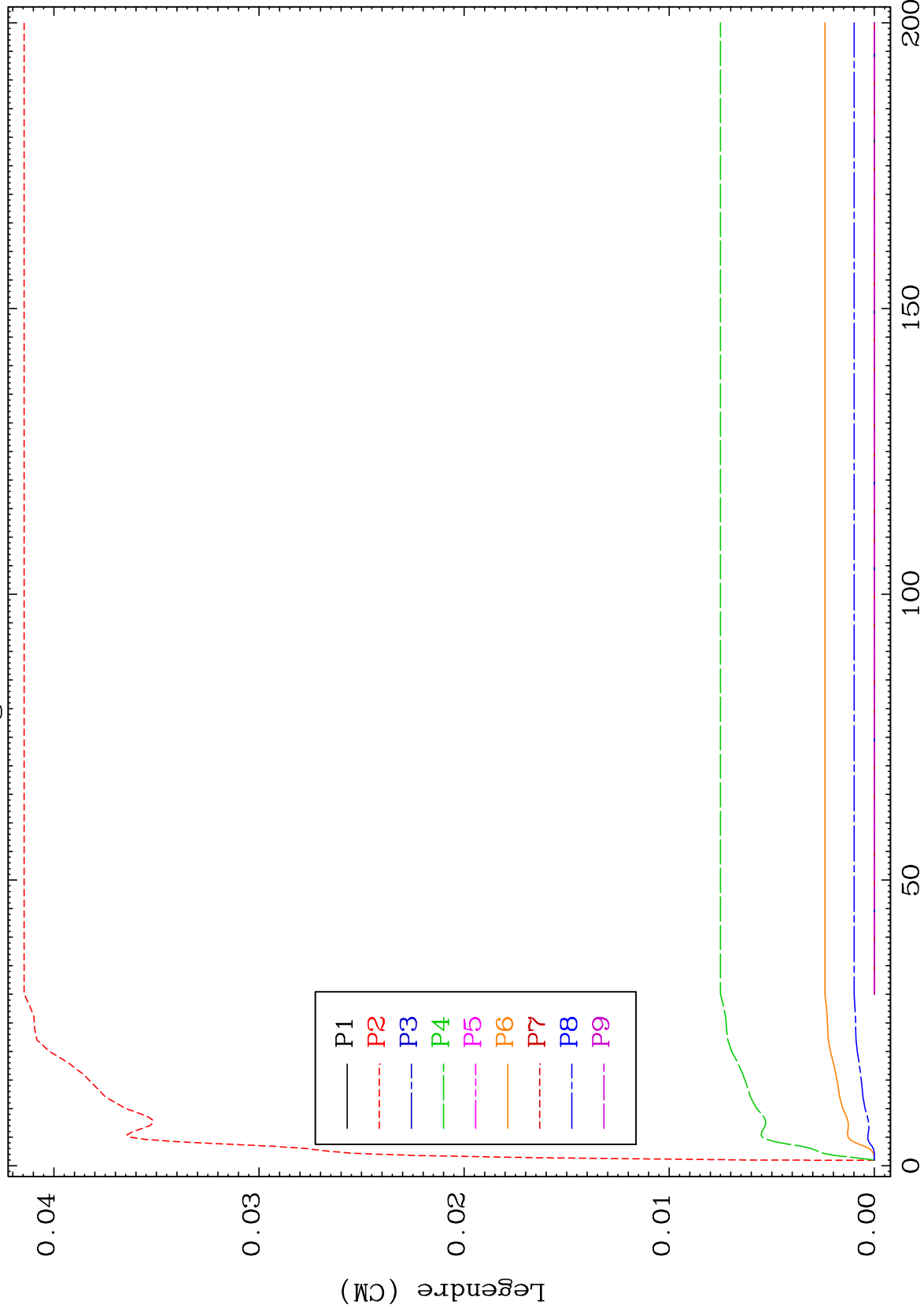
51-Sb-130



81

Incident Energy (MeV)

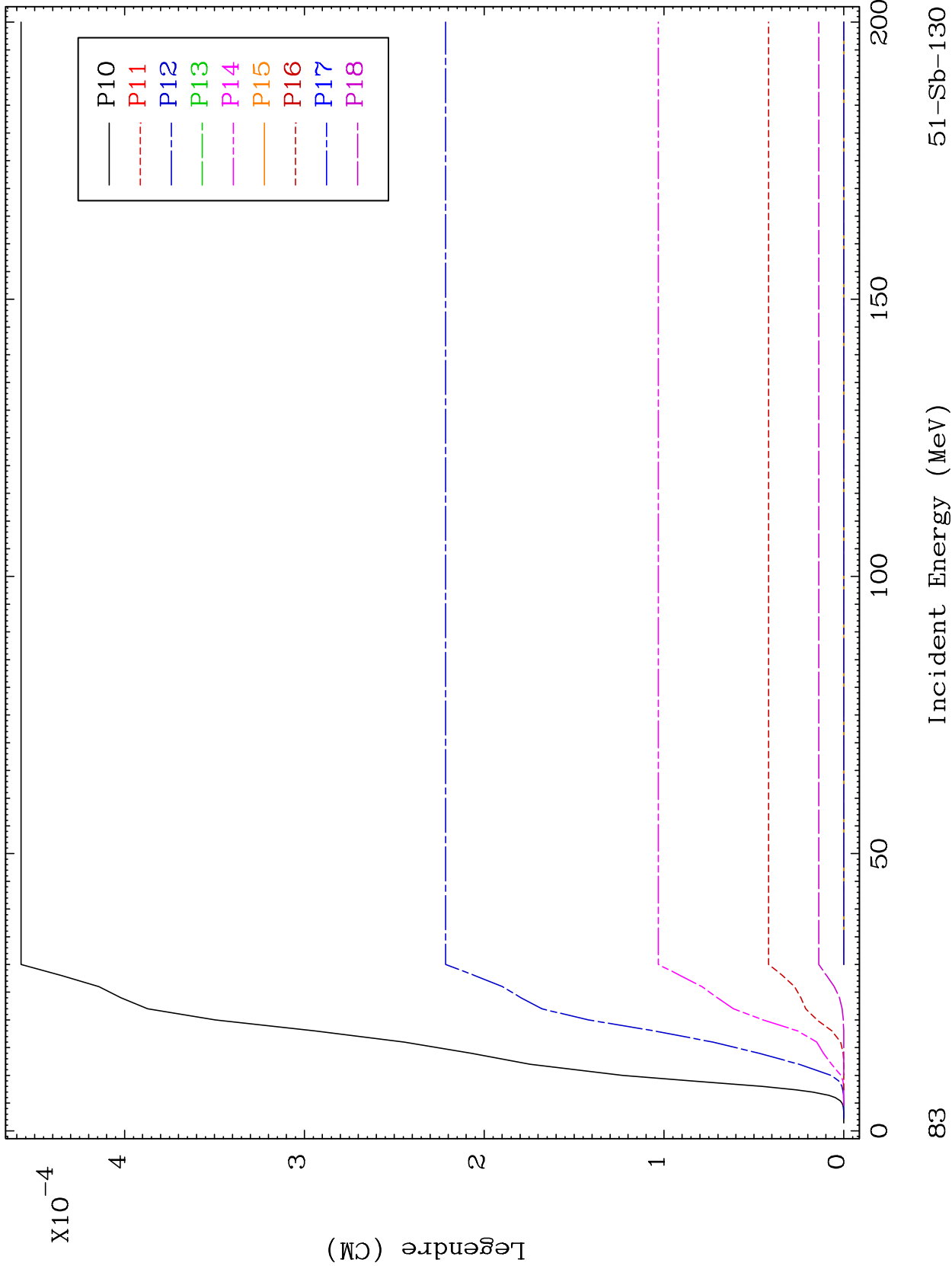
51-Sb-130



MAT 5152

937.7 keV (n,n') Level  
Legendre Coefficients

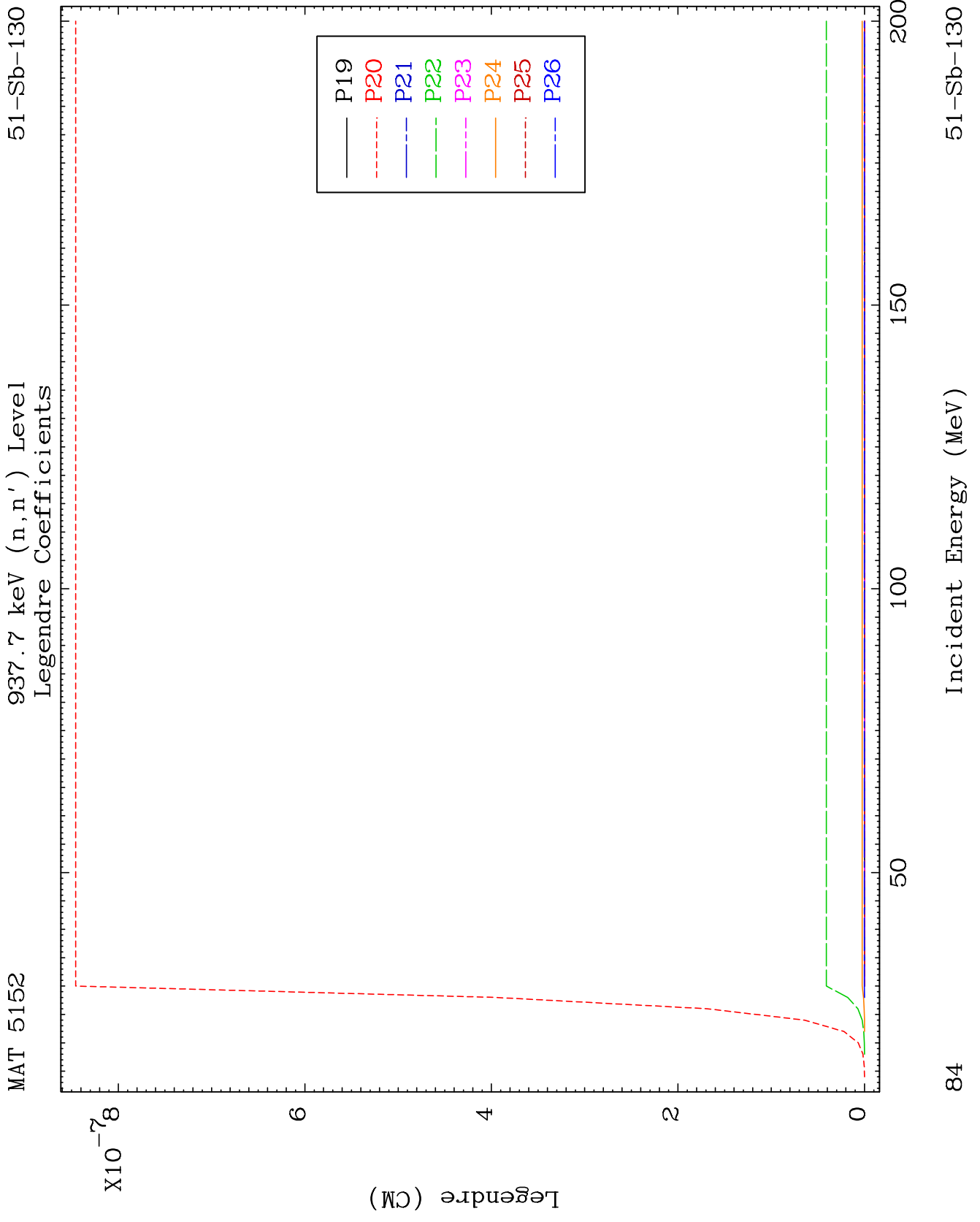
51-Sb-130



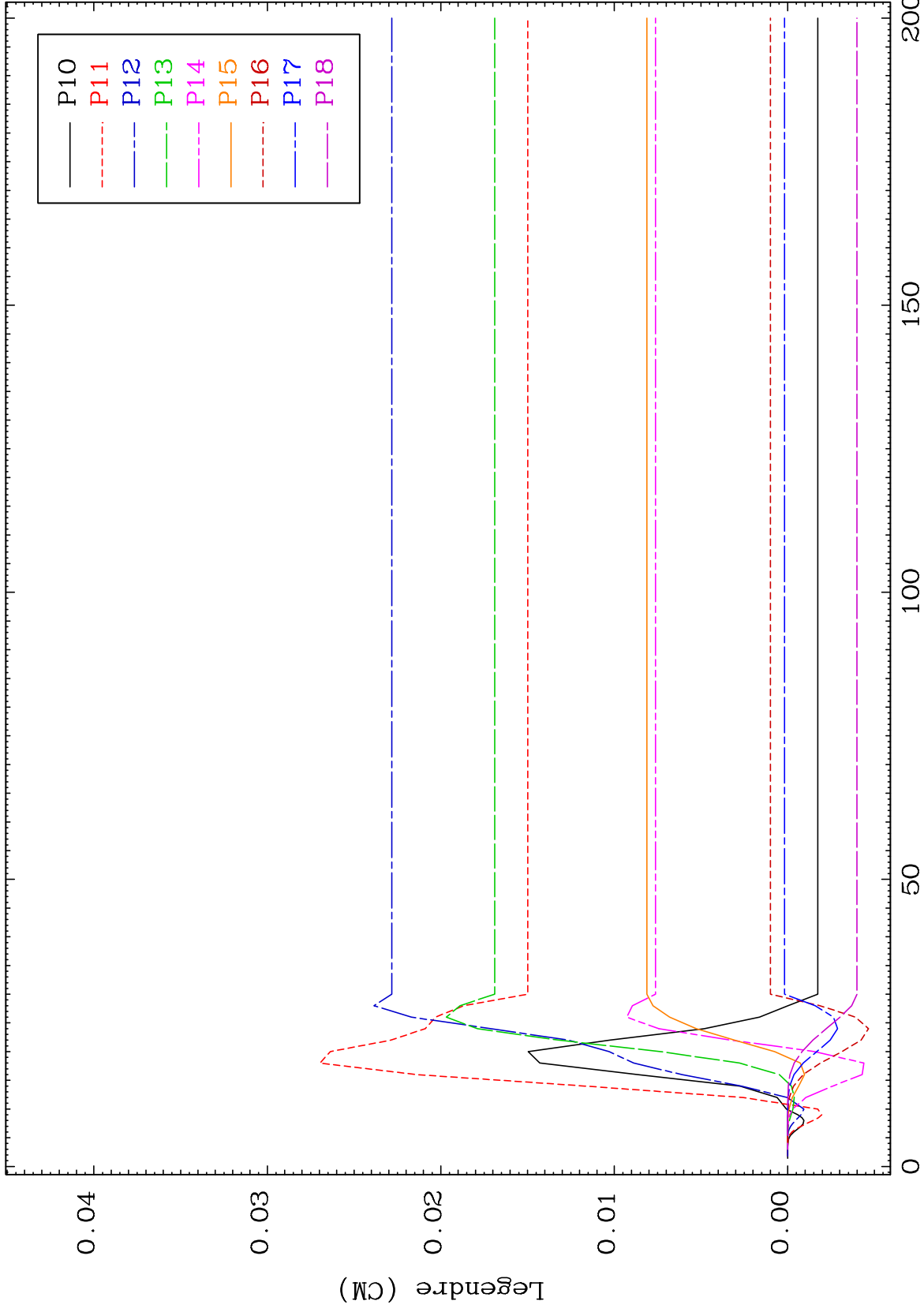
83

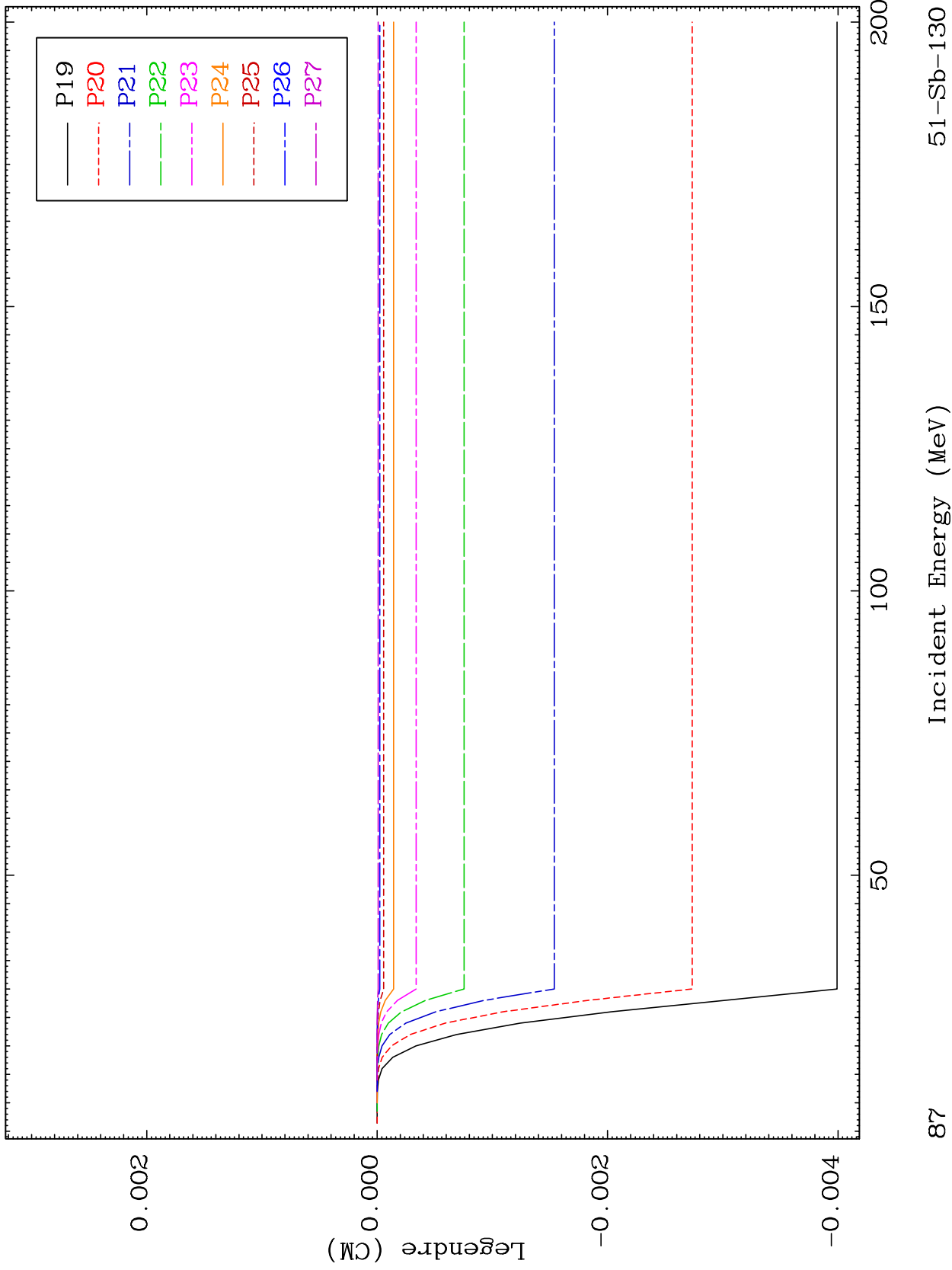
Incident Energy (MeV)

51-Sb-130

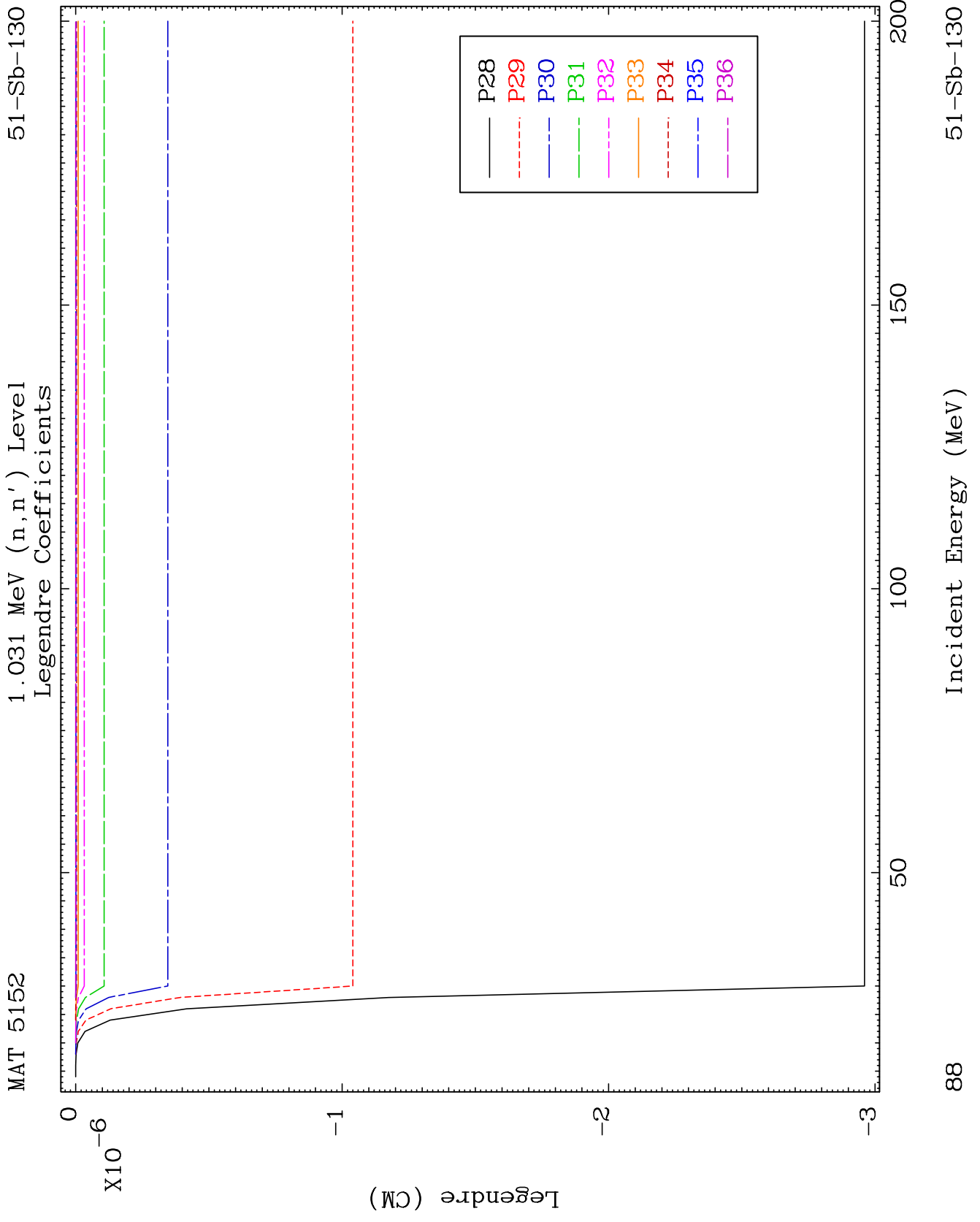








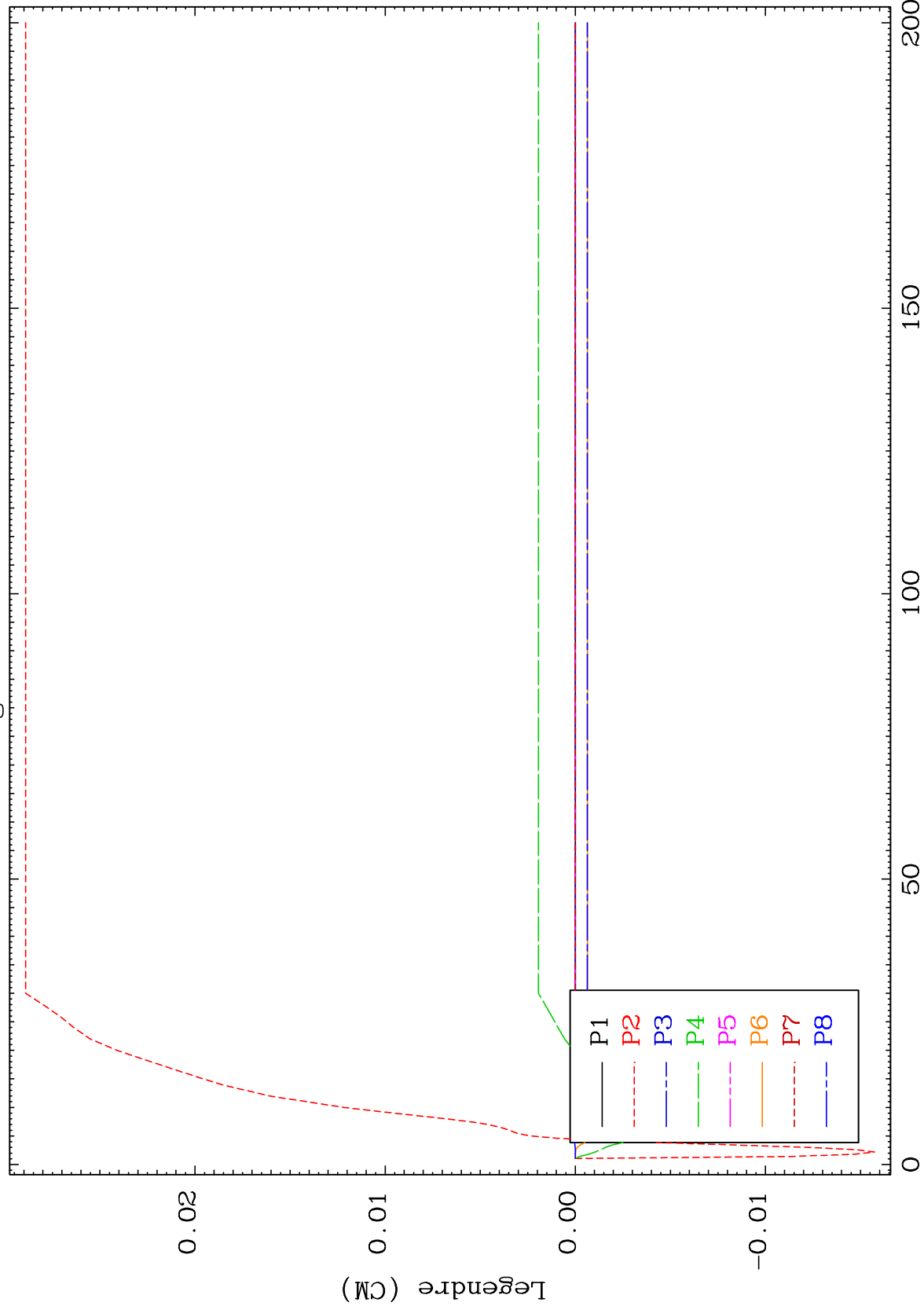




MAT 5152

1.045 MeV (n,n') Level  
Legendre Coefficients

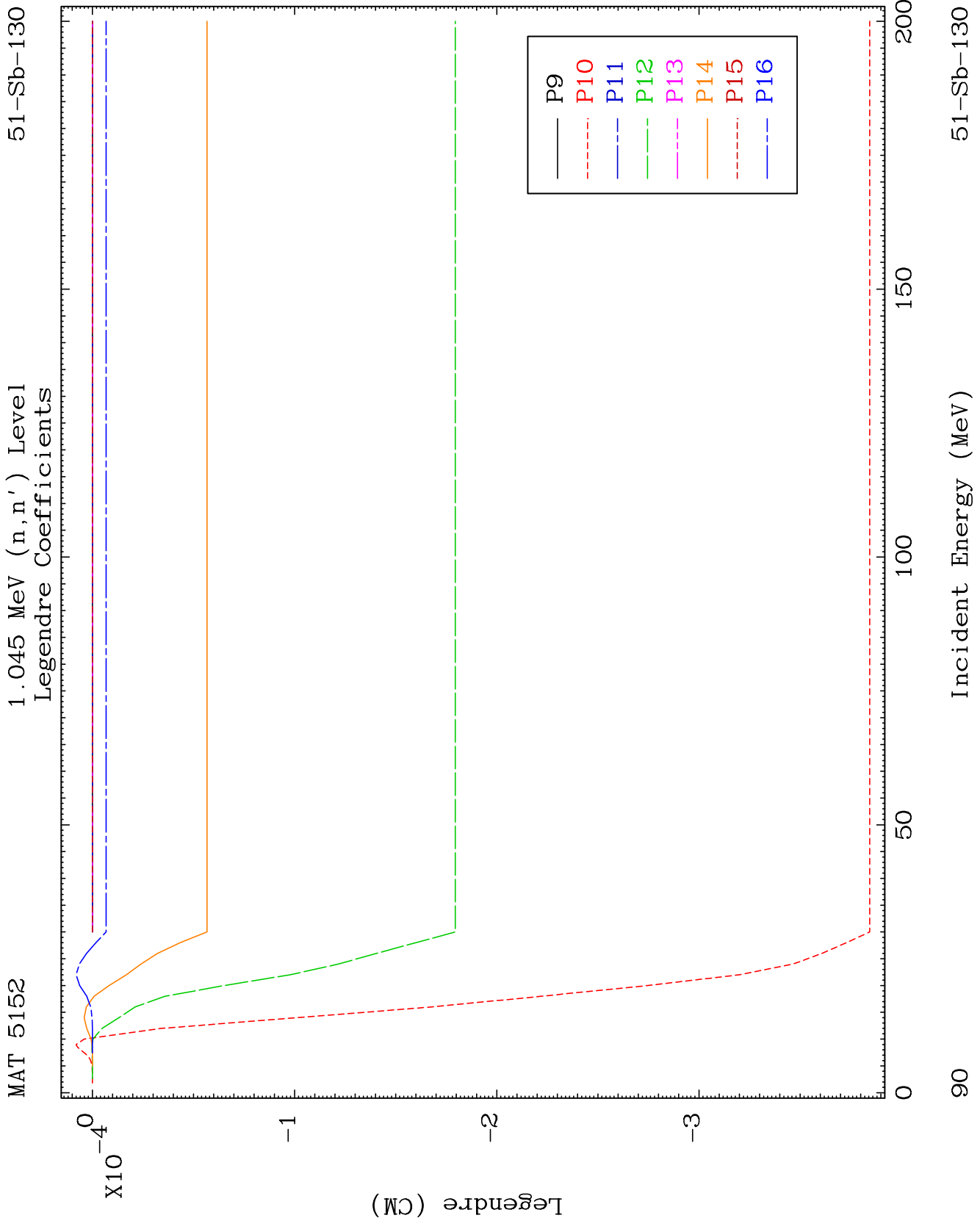
51-Sb-130

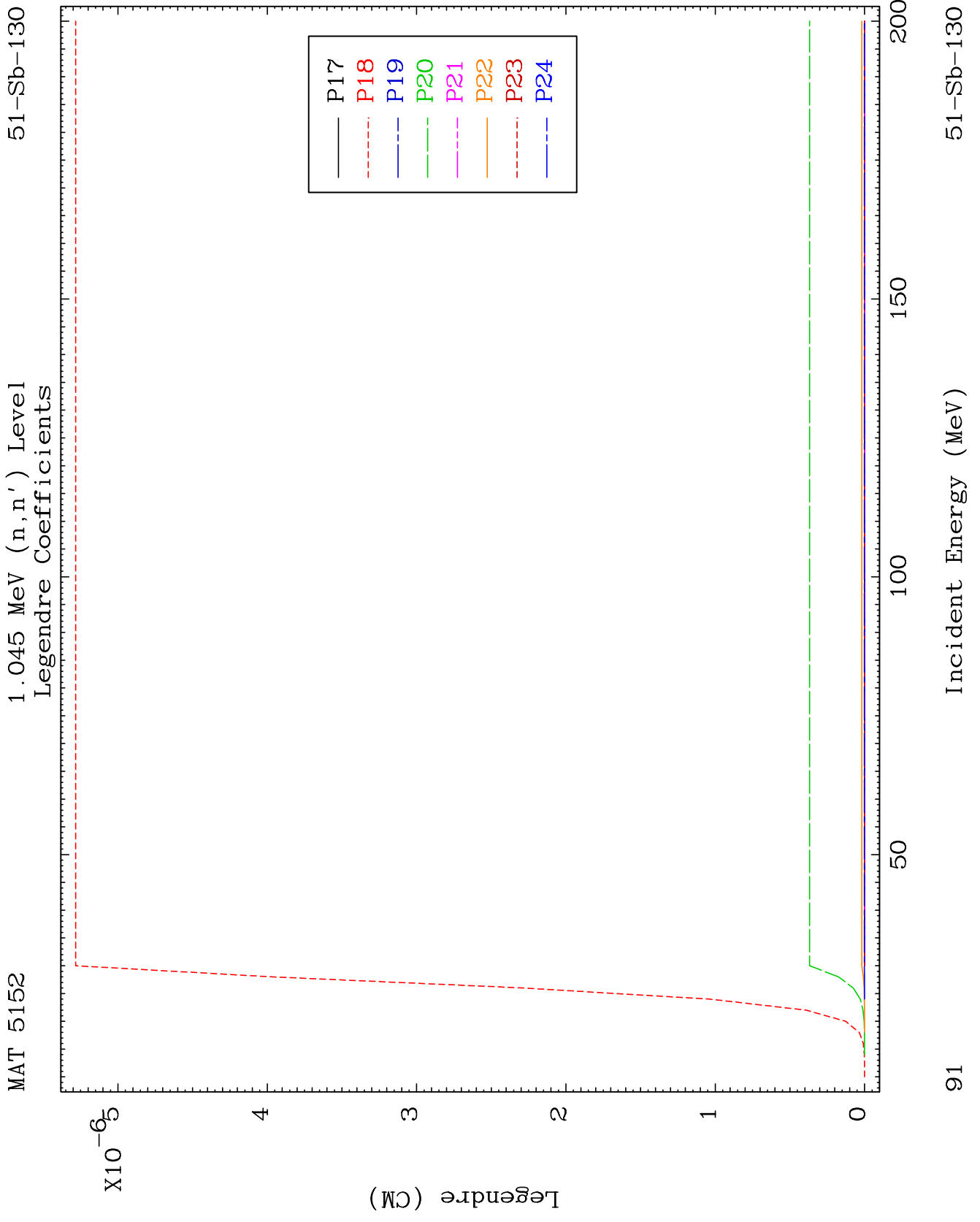


89

Incident Energy (MeV)

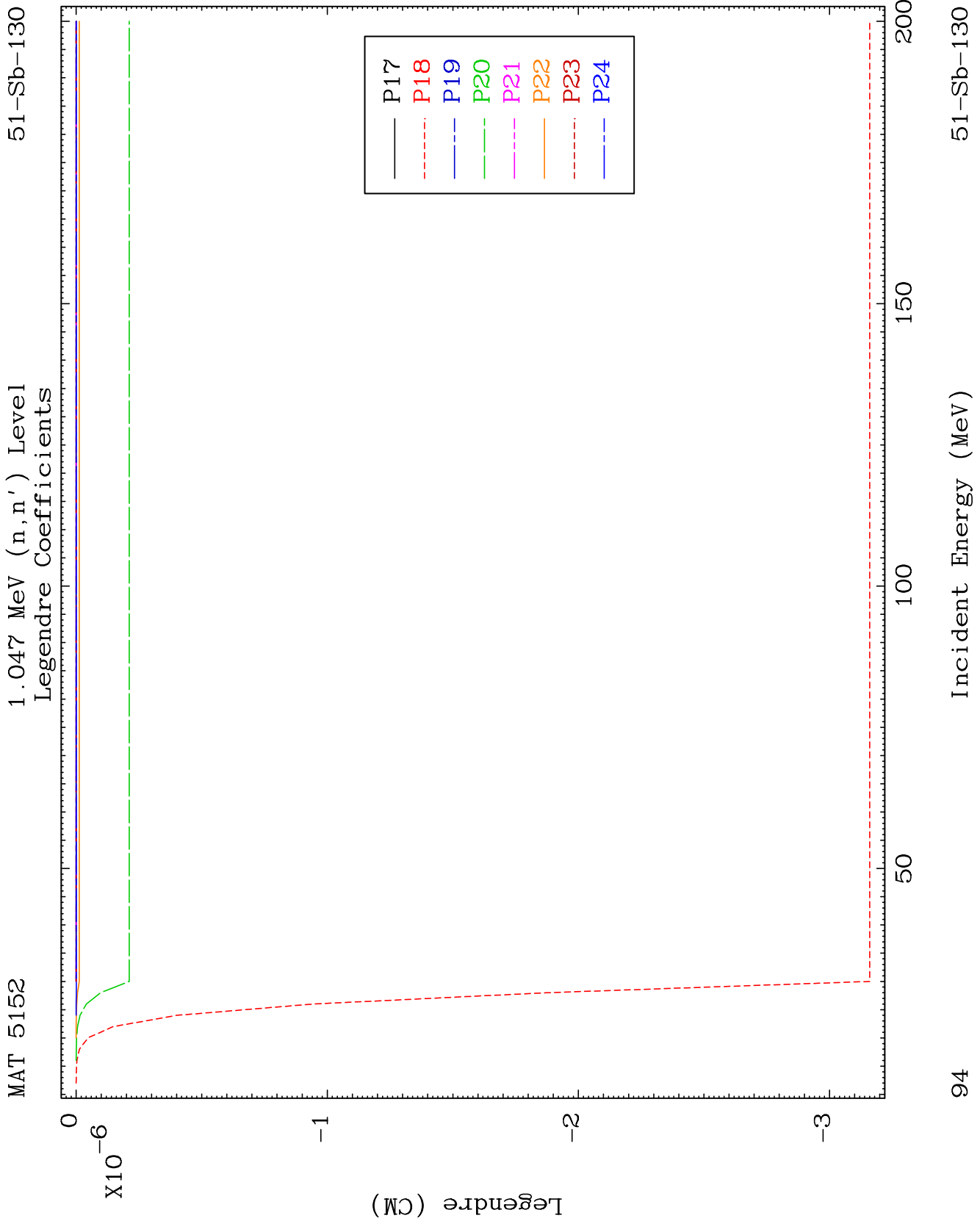
51-Sb-130





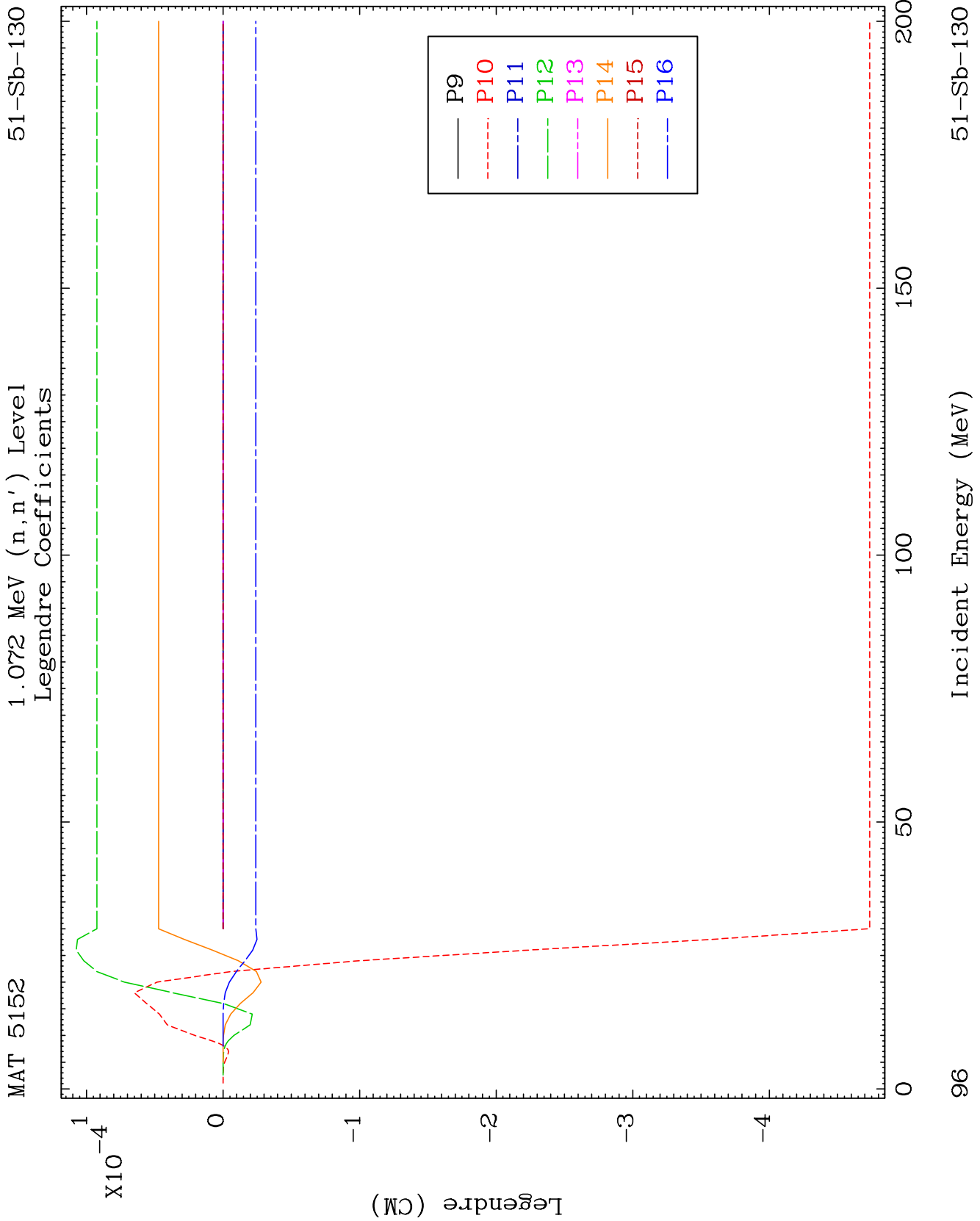


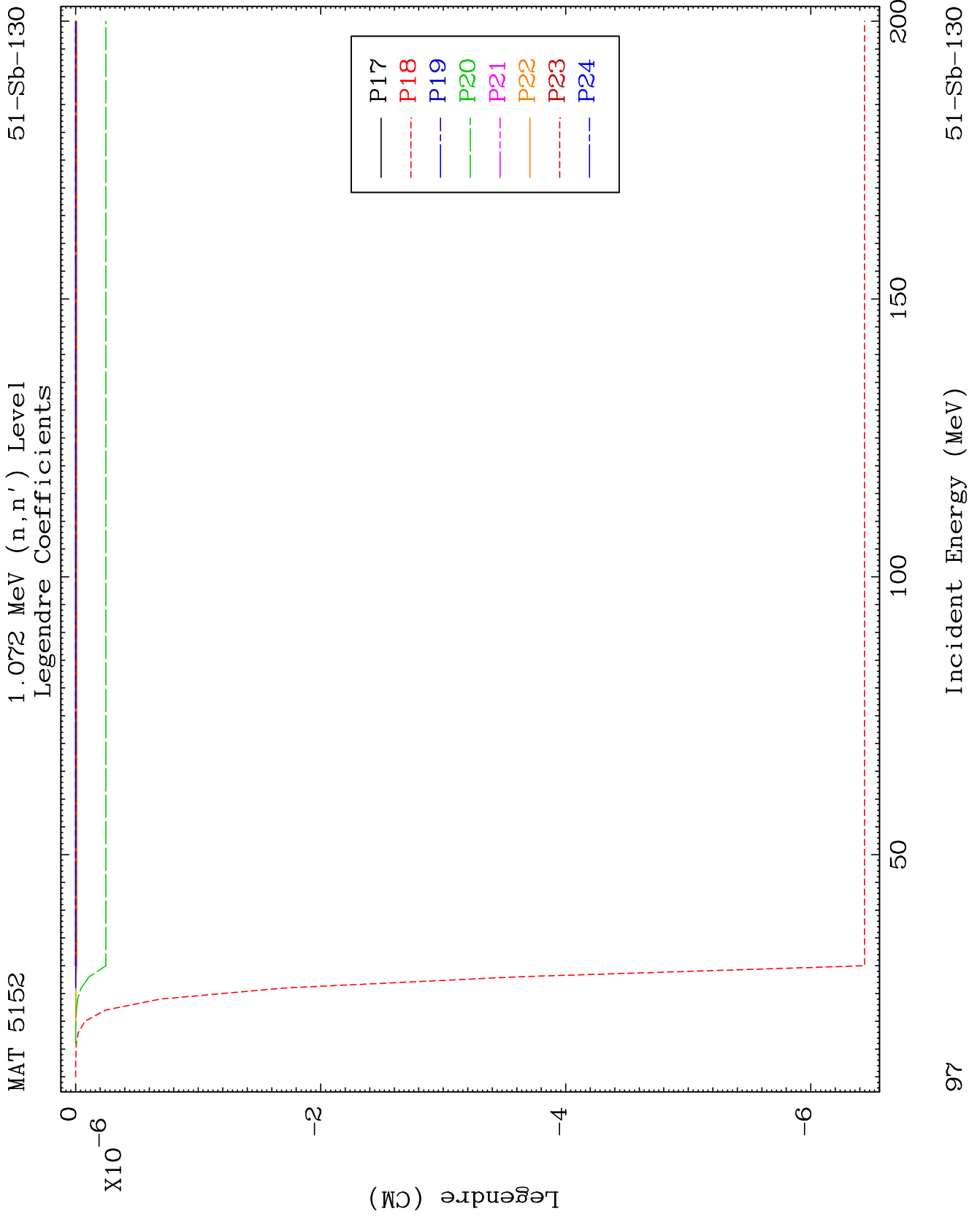








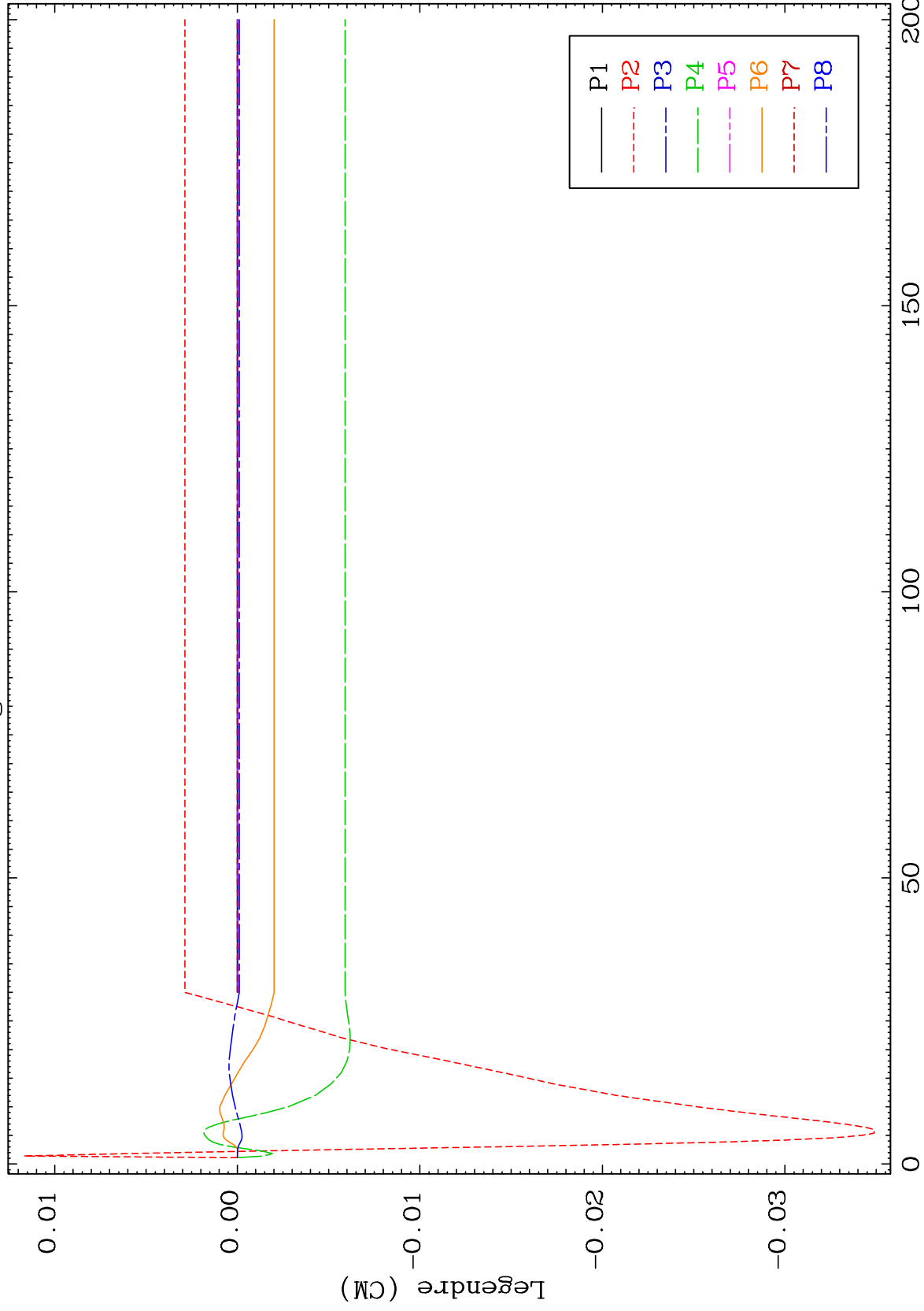




MAT 5152

1.097 MeV (n,n') Level  
Legendre Coefficients

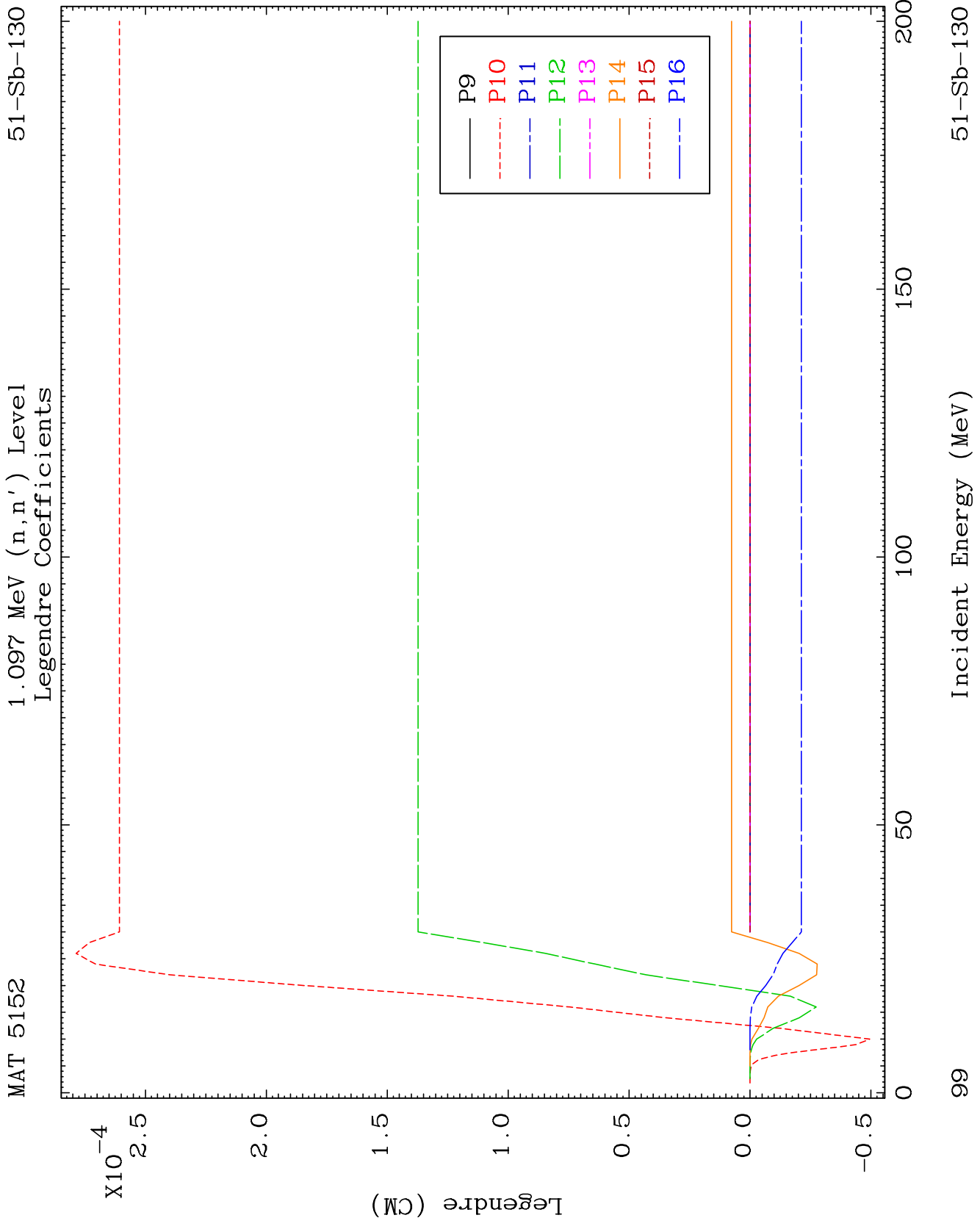
51-Sb-130

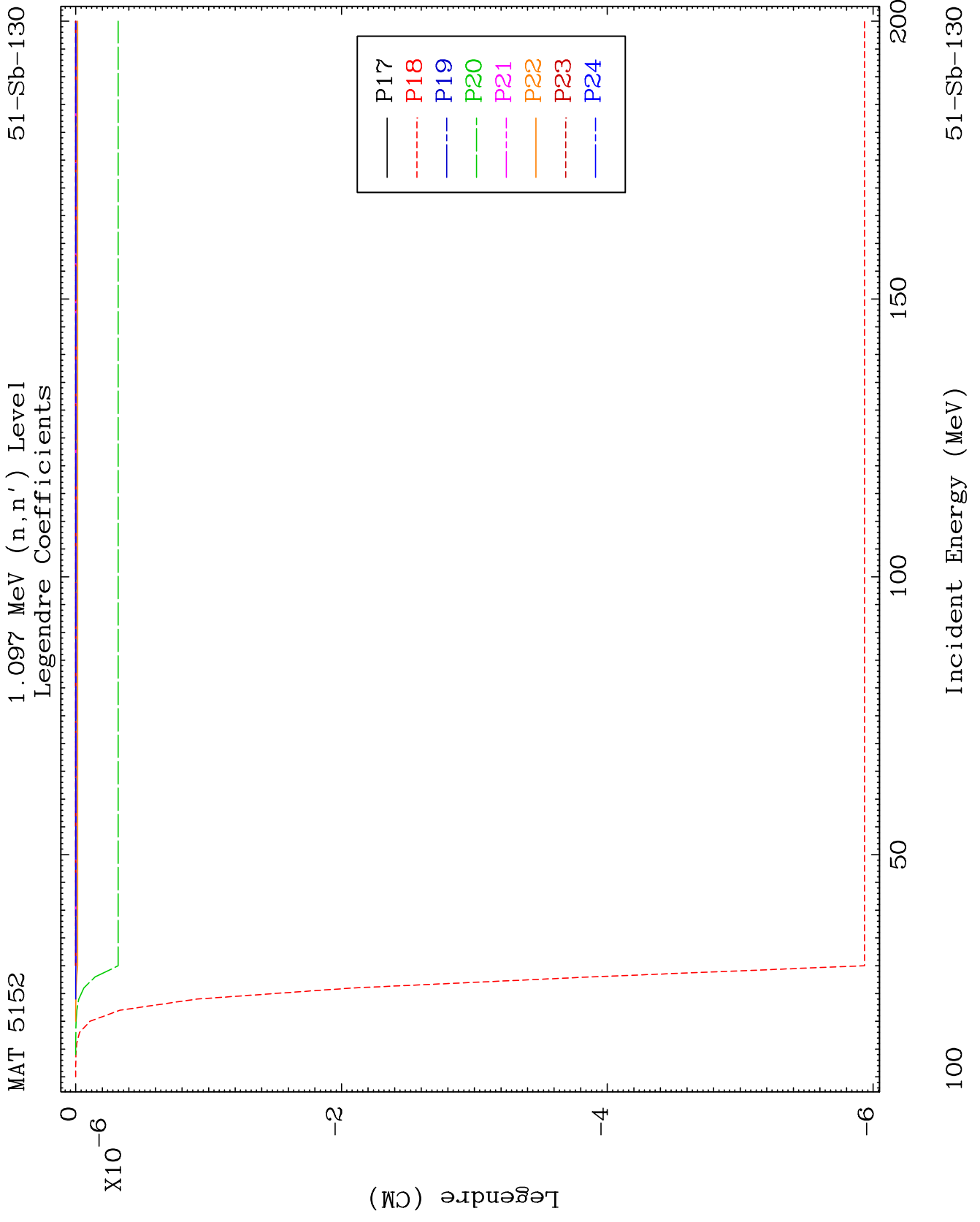


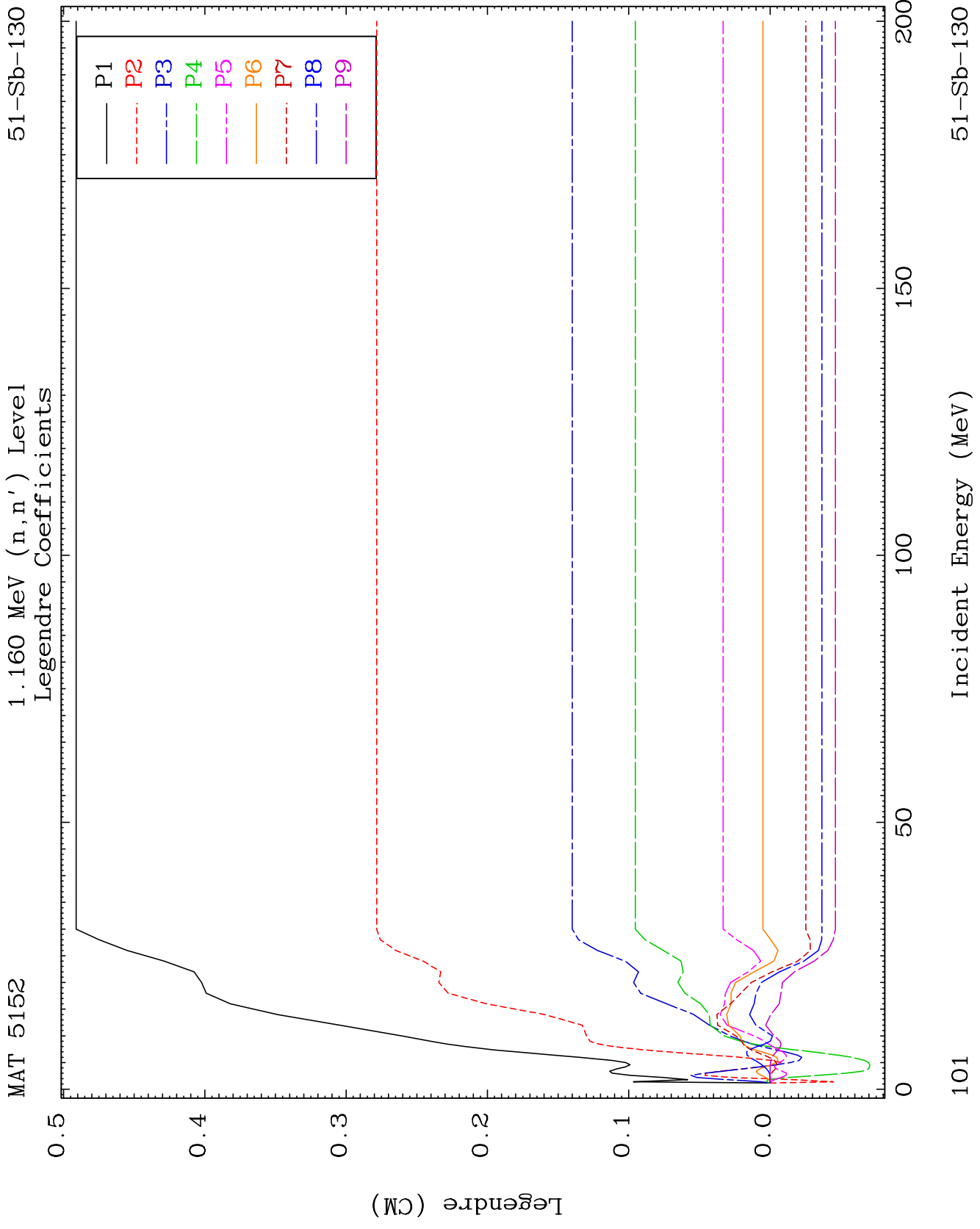
98

Incident Energy (MeV)

51-Sb-130



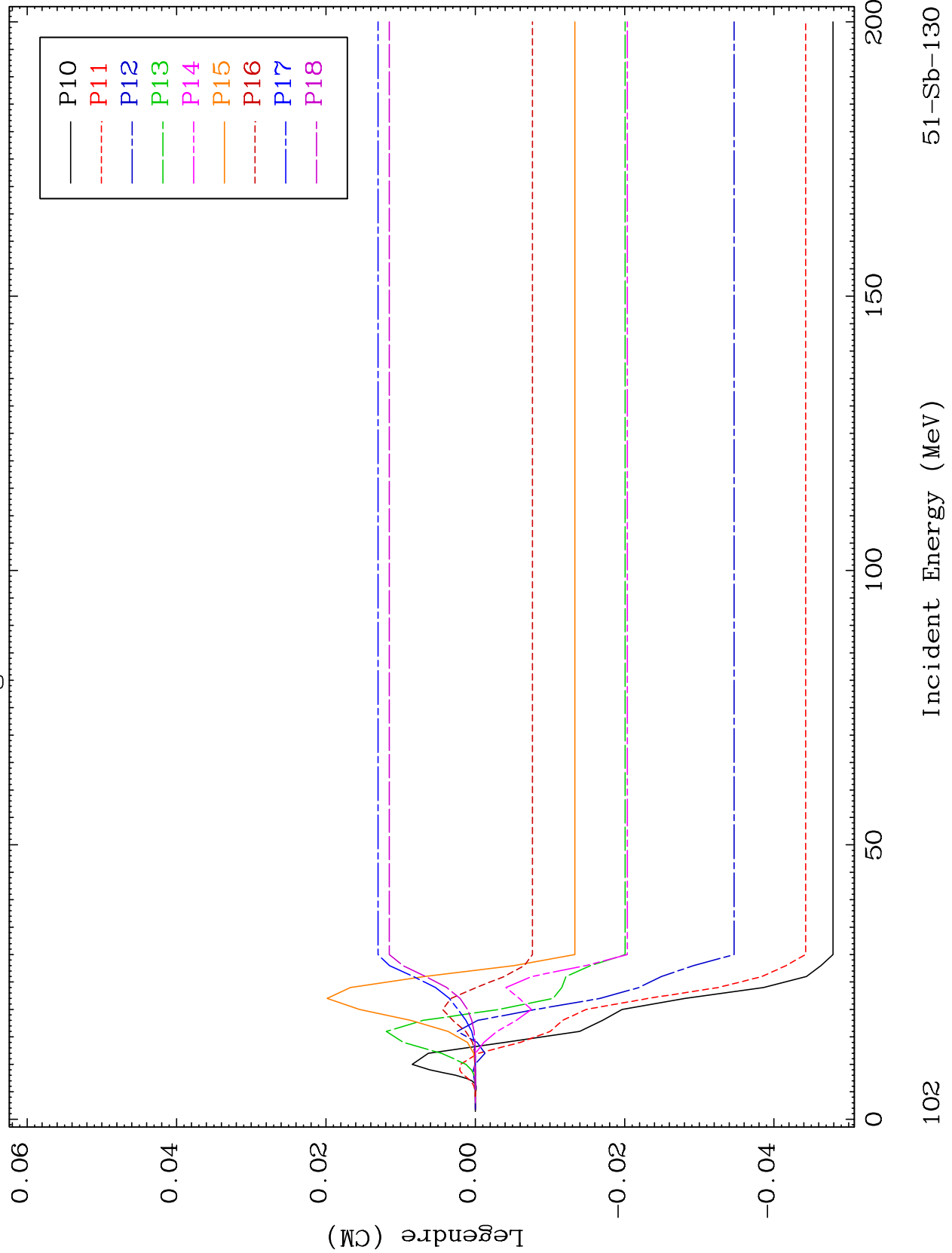




MAT 5152

1.160 MeV (n,n') Level  
Legendre Coefficients

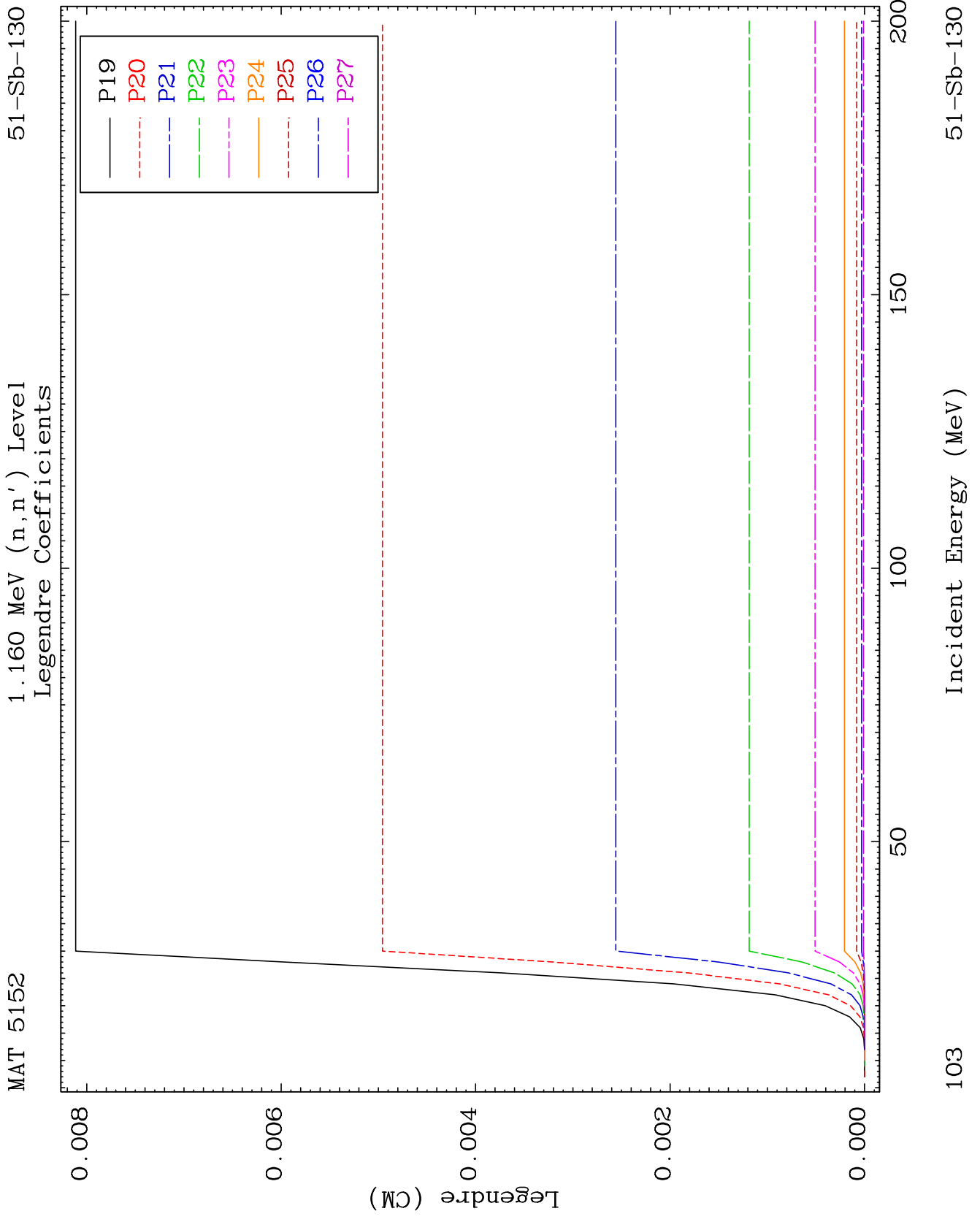
51-Sb-130



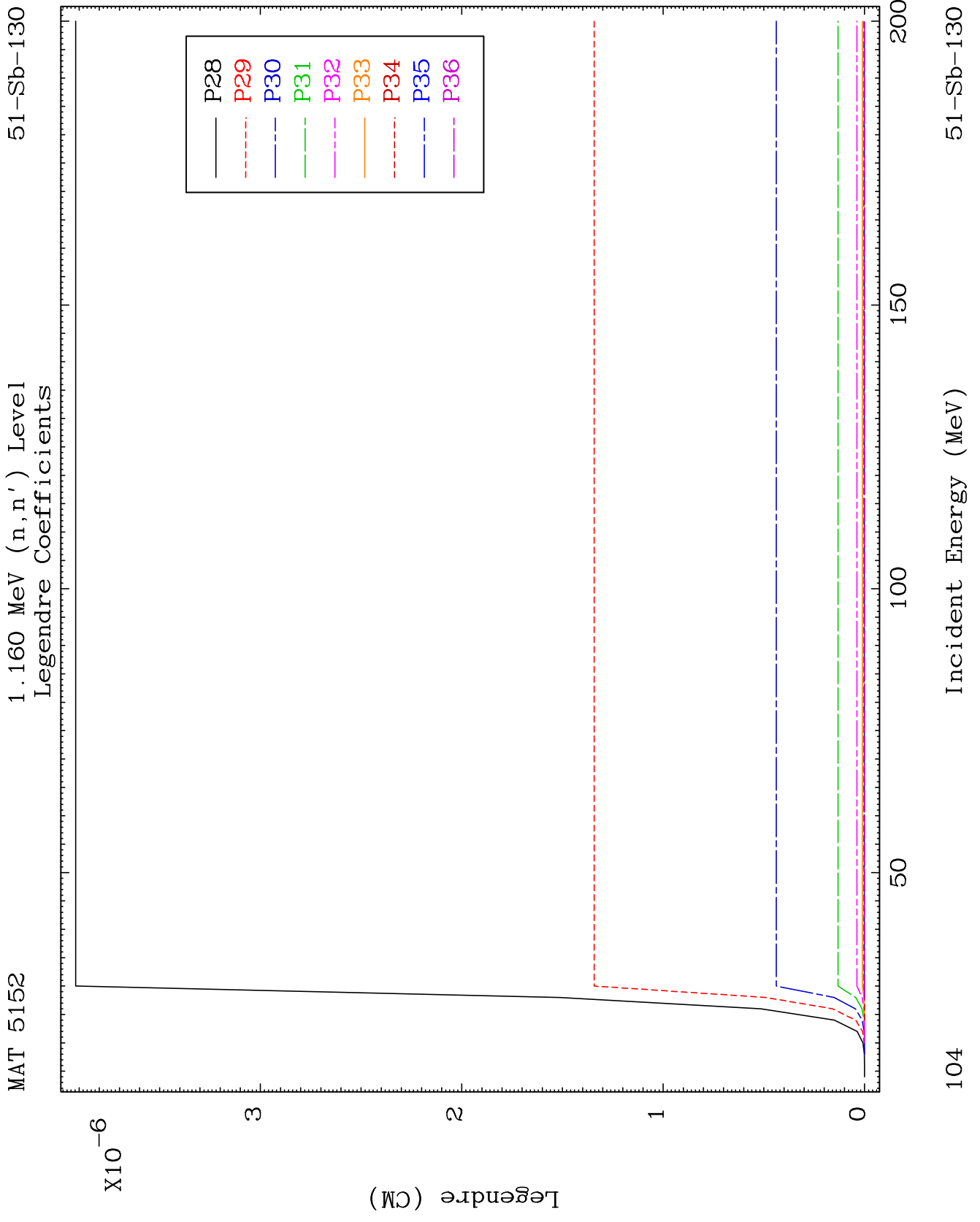
51-Sb-130

Incident Energy (MeV)

102







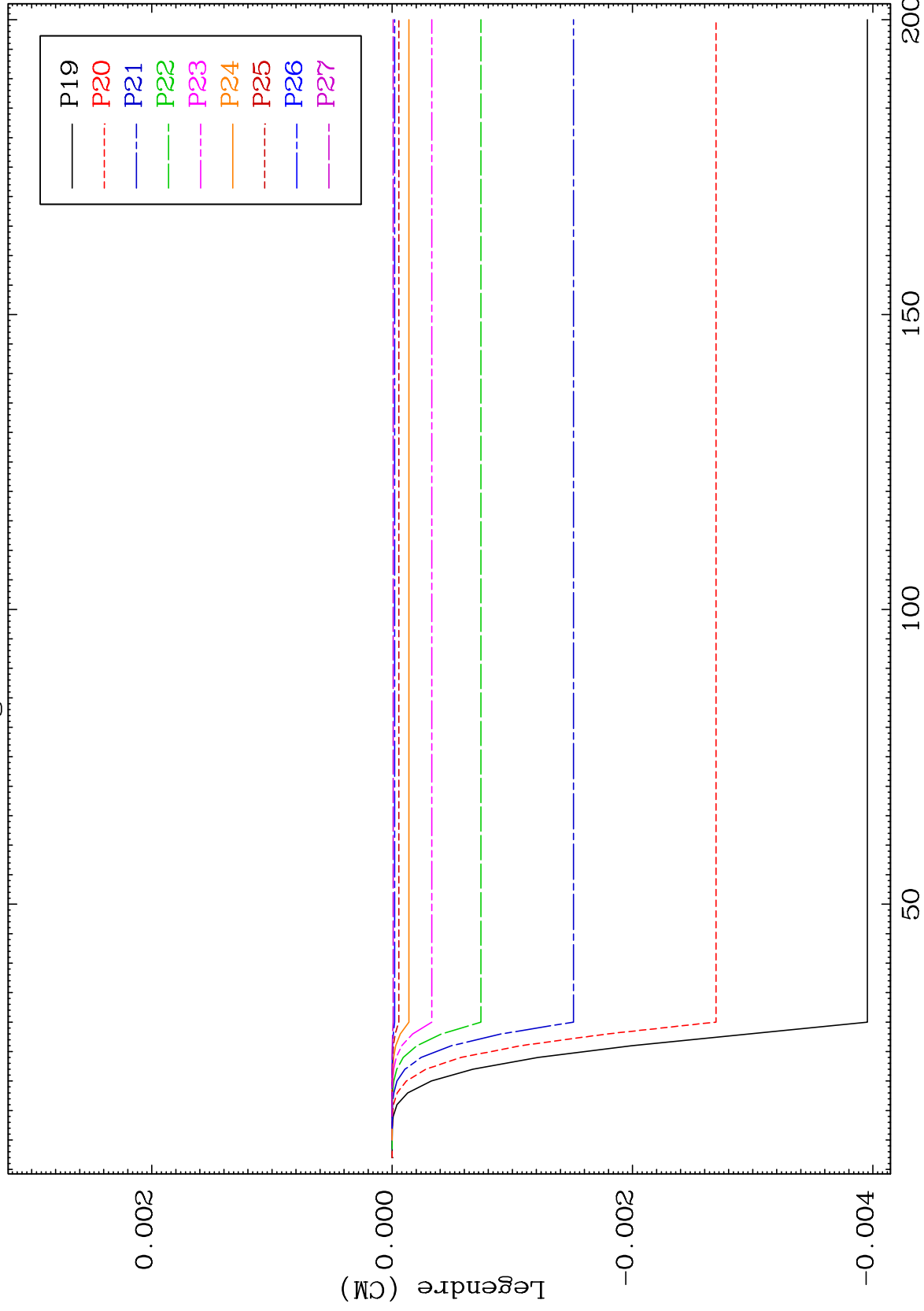




MAT 5152

1.192 MeV (n,n') Level  
Legendre Coefficients

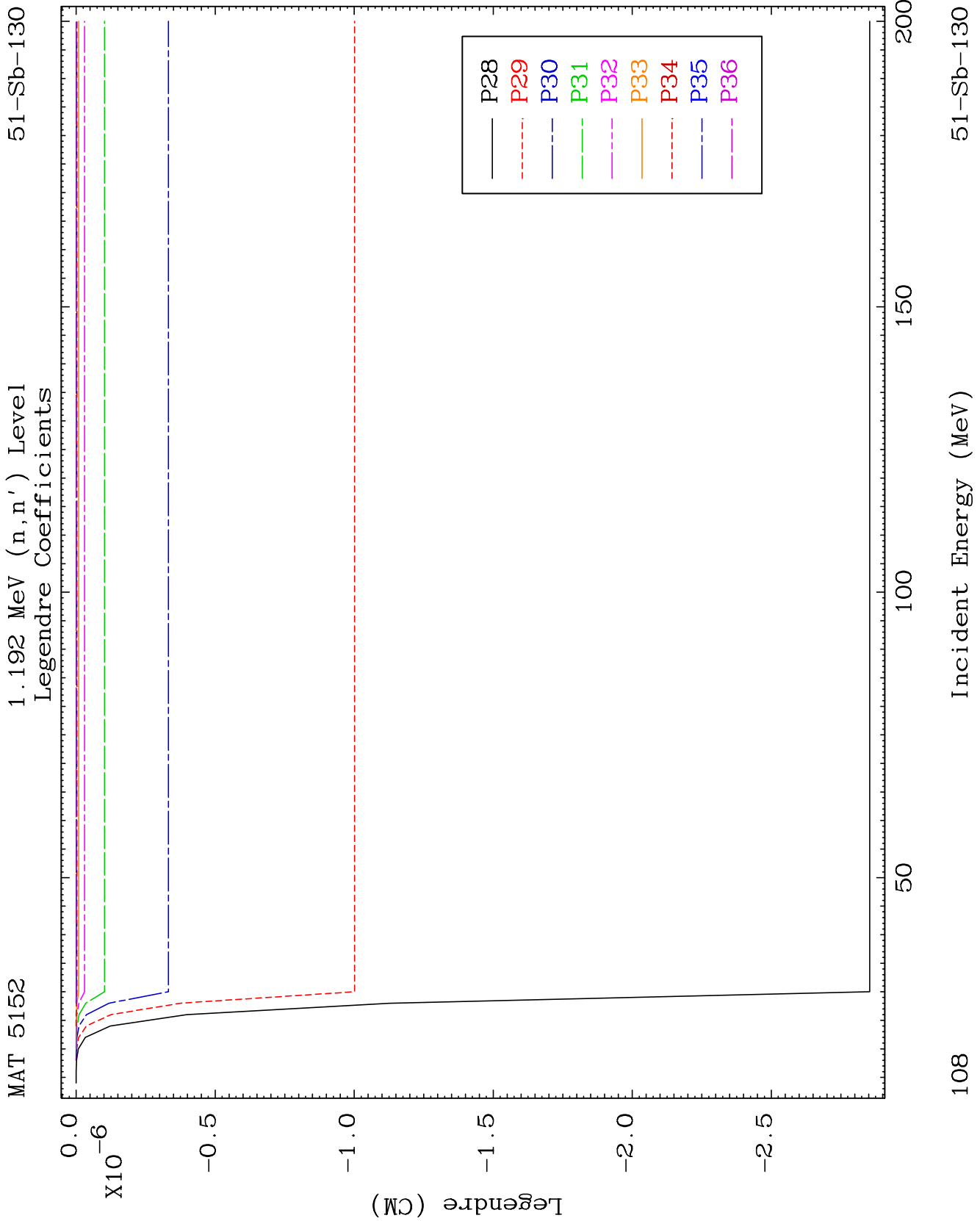
51-Sb-130

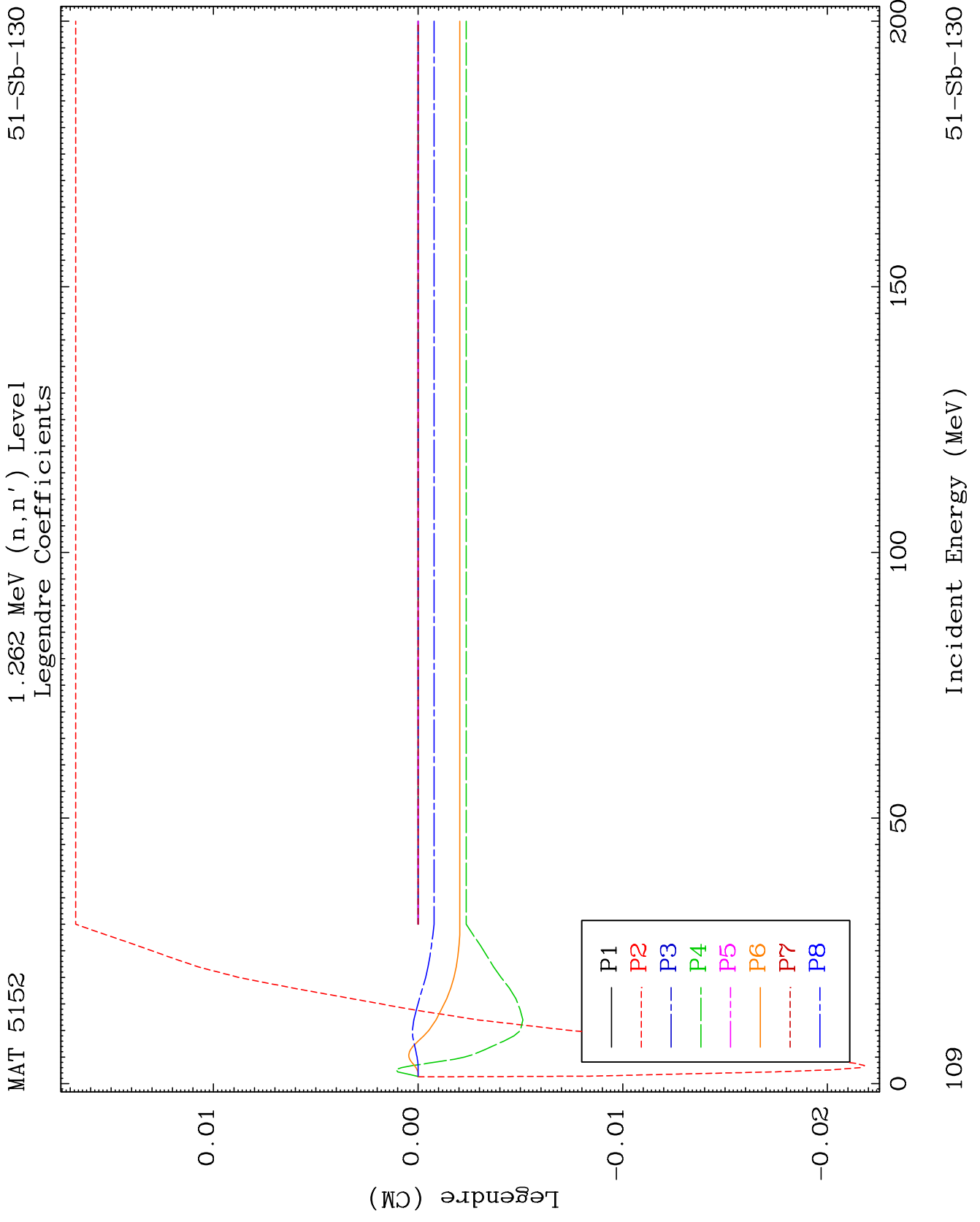


107

Incident Energy (MeV)

51-Sb-130

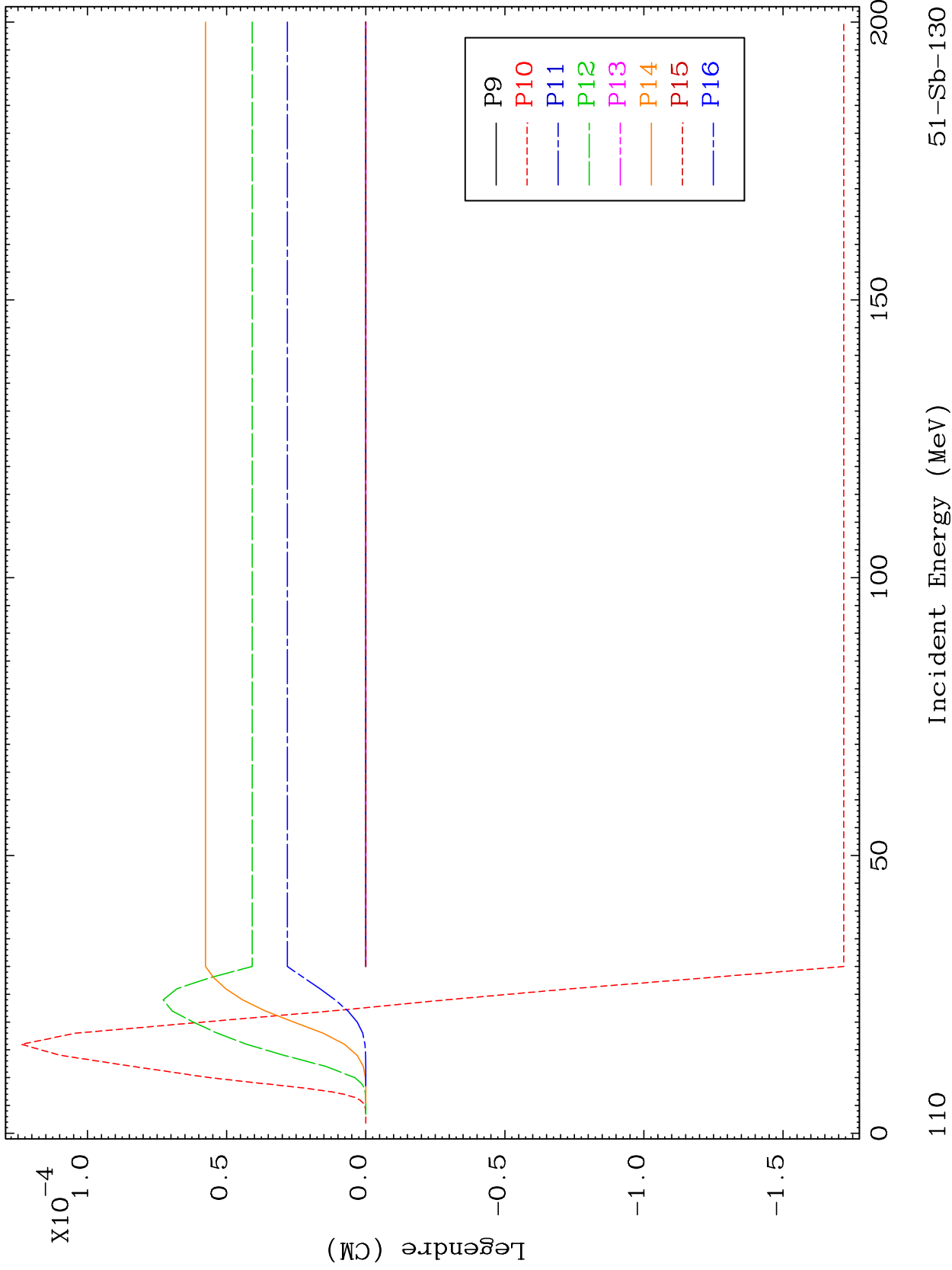




MAT 5152

1.262 MeV (n, n') Level  
Legendre Coefficients

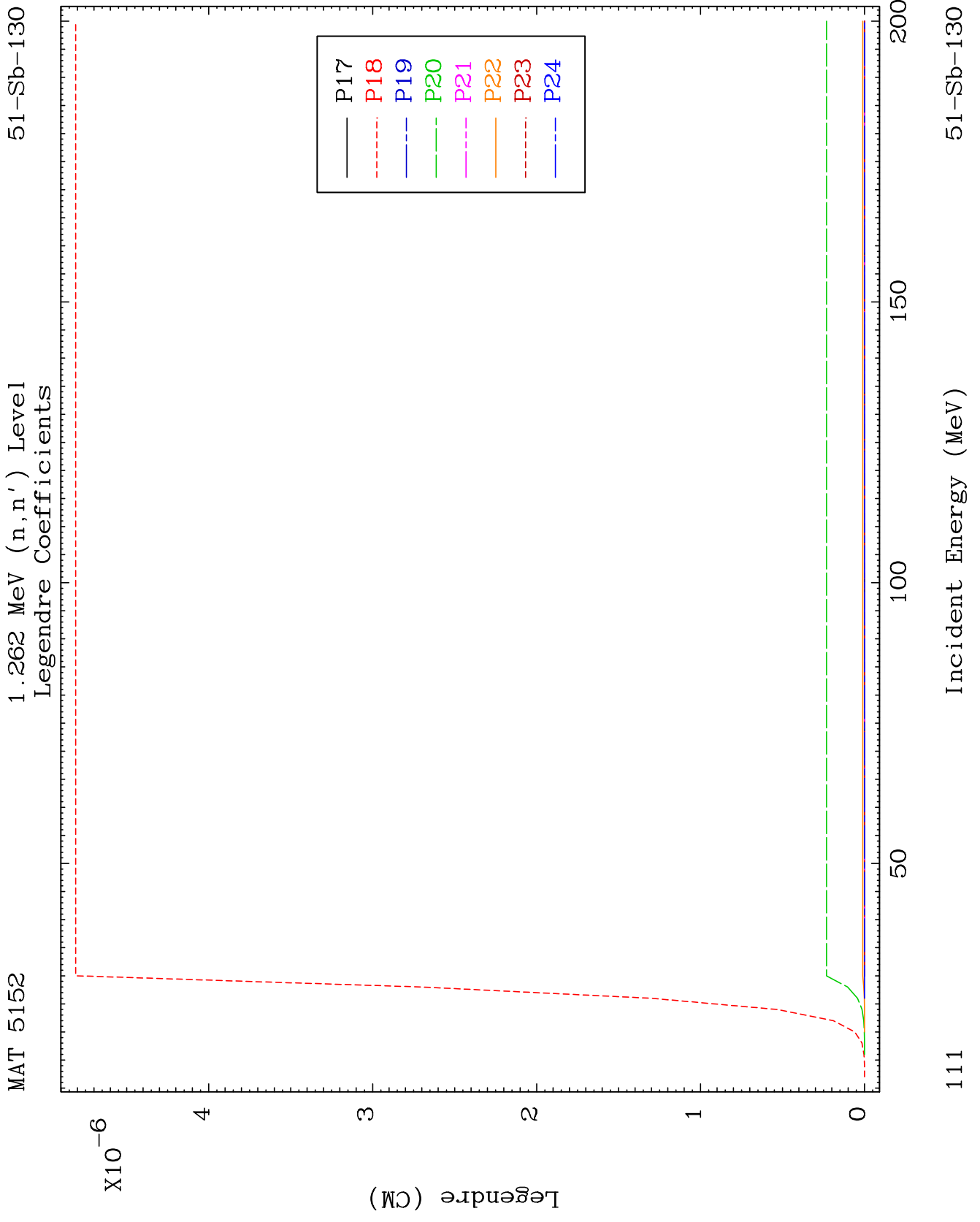
51-Sb-130



51-Sb-130

Incident Energy (MeV)

110

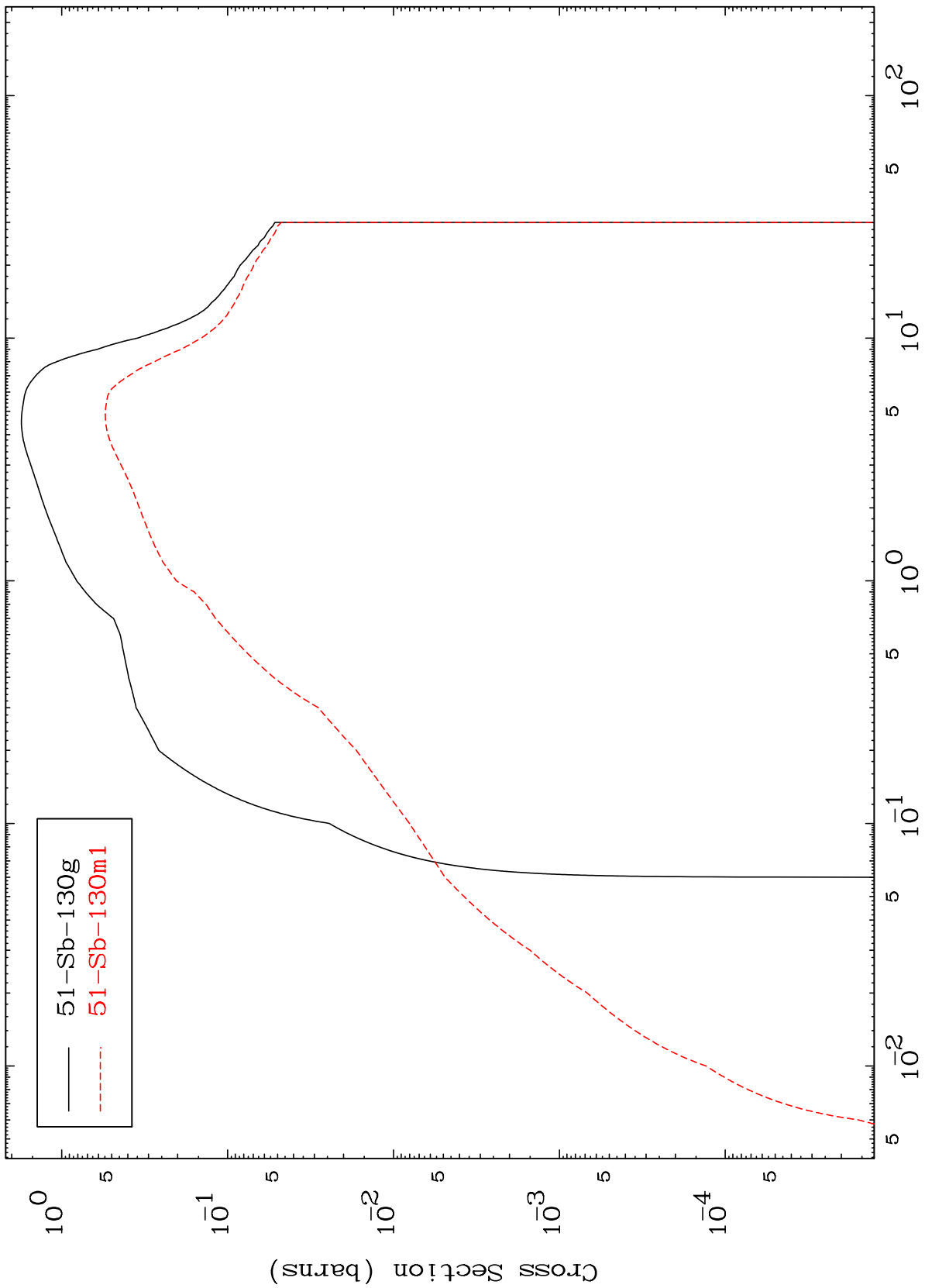




MAT 5152

51-Sb-130

Inelastic  
Radionuclide Production Cross Section



— 51-Sb-130g  
- - - 51-Sb-130m1

51-Sb-130

Incident Energy (MeV)

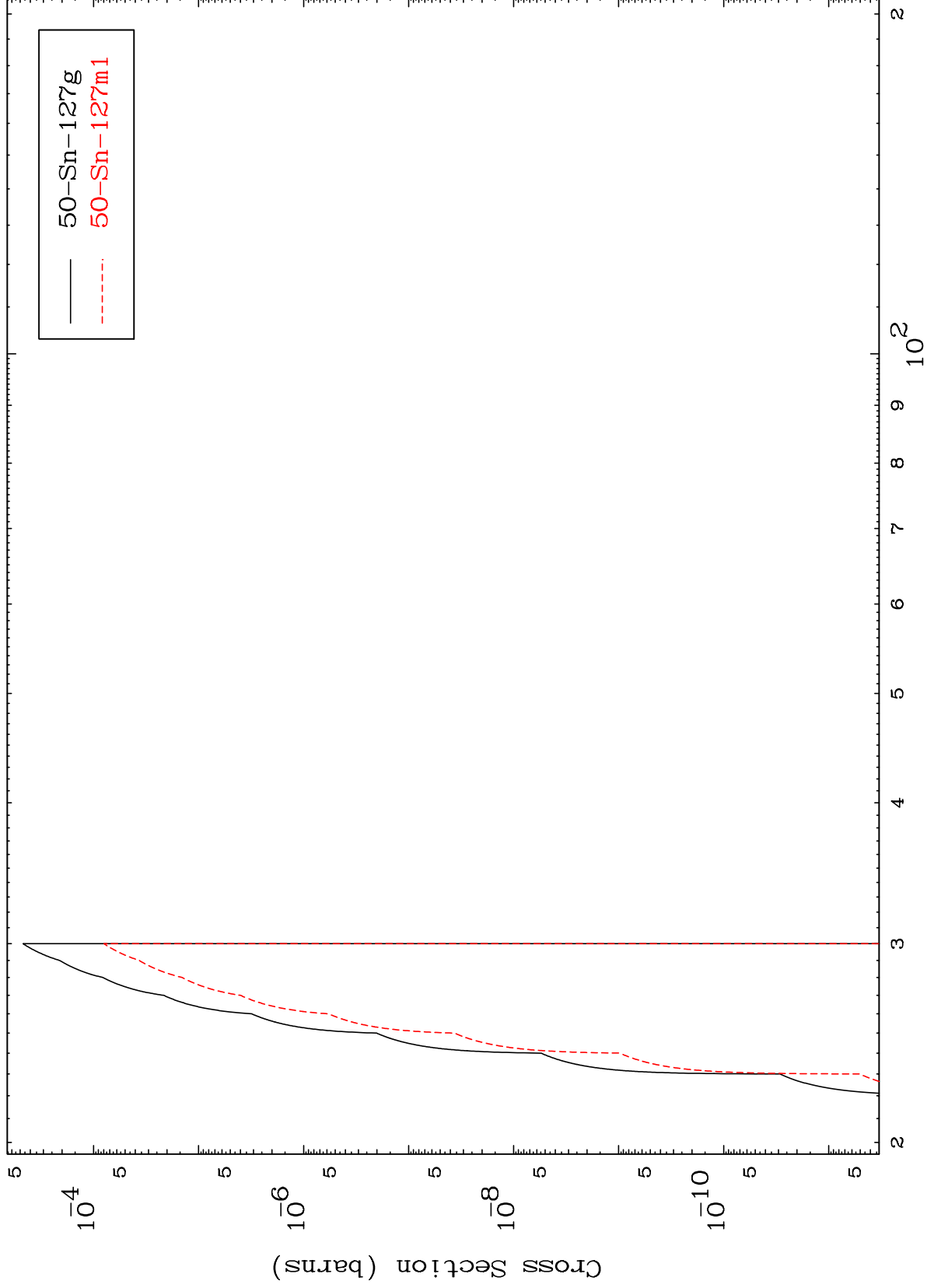
112

MAT 5152

(n,2n) d

51-Sb-130

Radionuclide Production Cross Section



113

Incident Energy (MeV)

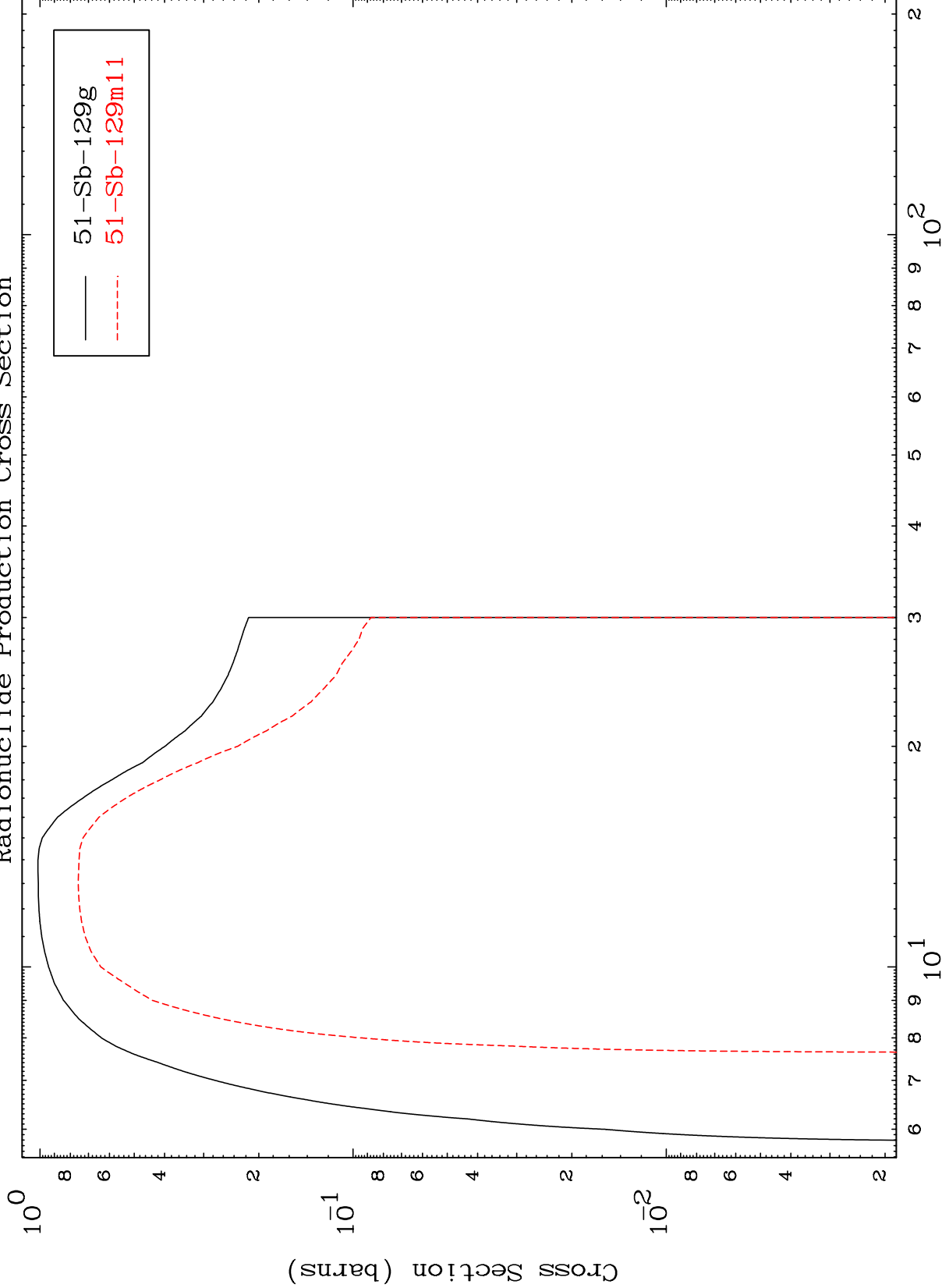
51-Sb-130

MAT 5152

(n,2n)

51-Sb-130

Radionuclide Production Cross Section



114

Incident Energy (MeV)

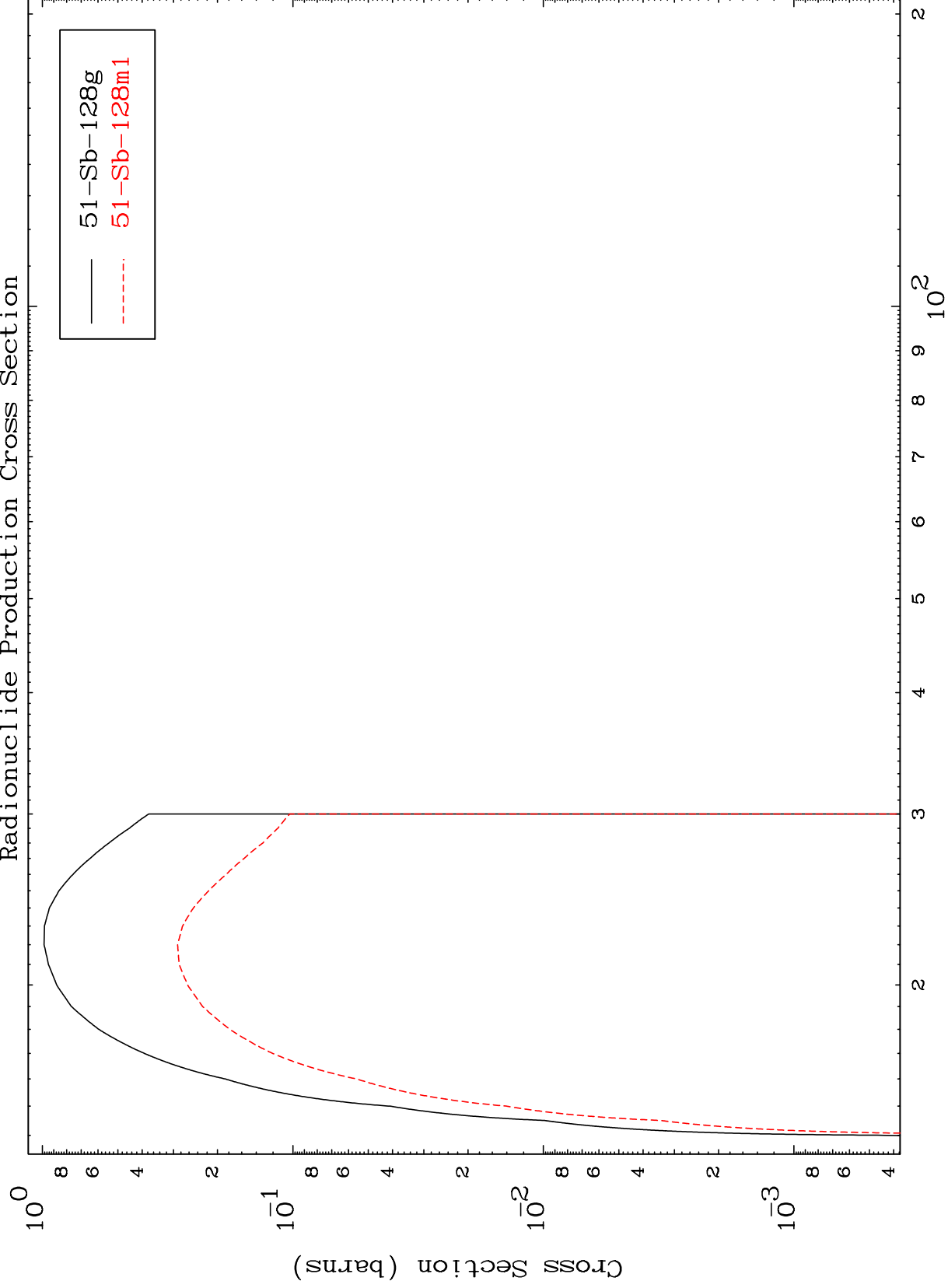
51-Sb-130

MAT 5152

(n,3n)

51-Sb-130

Radionuclide Production Cross Section



115

Incident Energy (MeV)

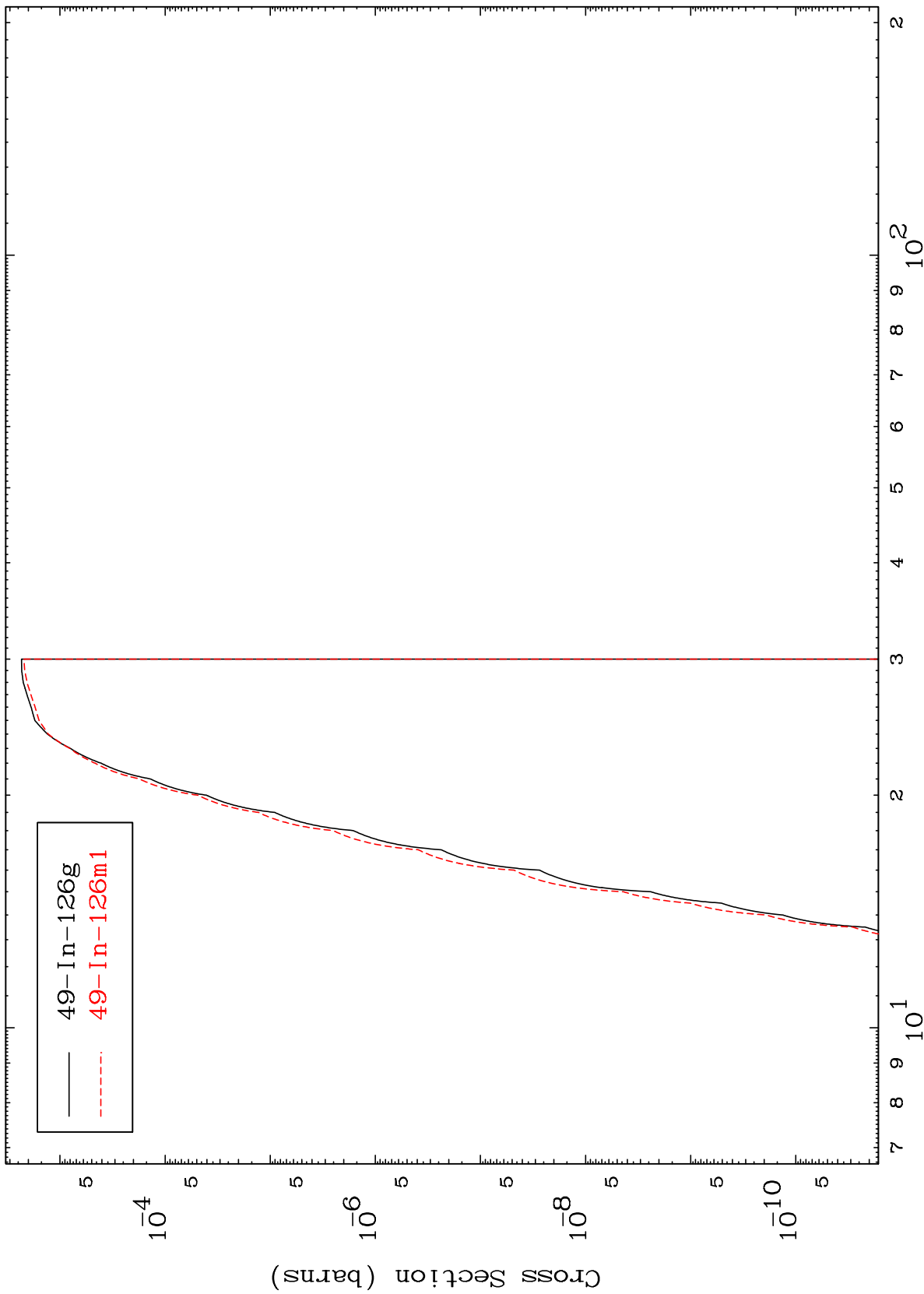
51-Sb-130

MAT 5152

(n,n')  $\alpha$

51-Sb-130

Radionuclide Production Cross Section

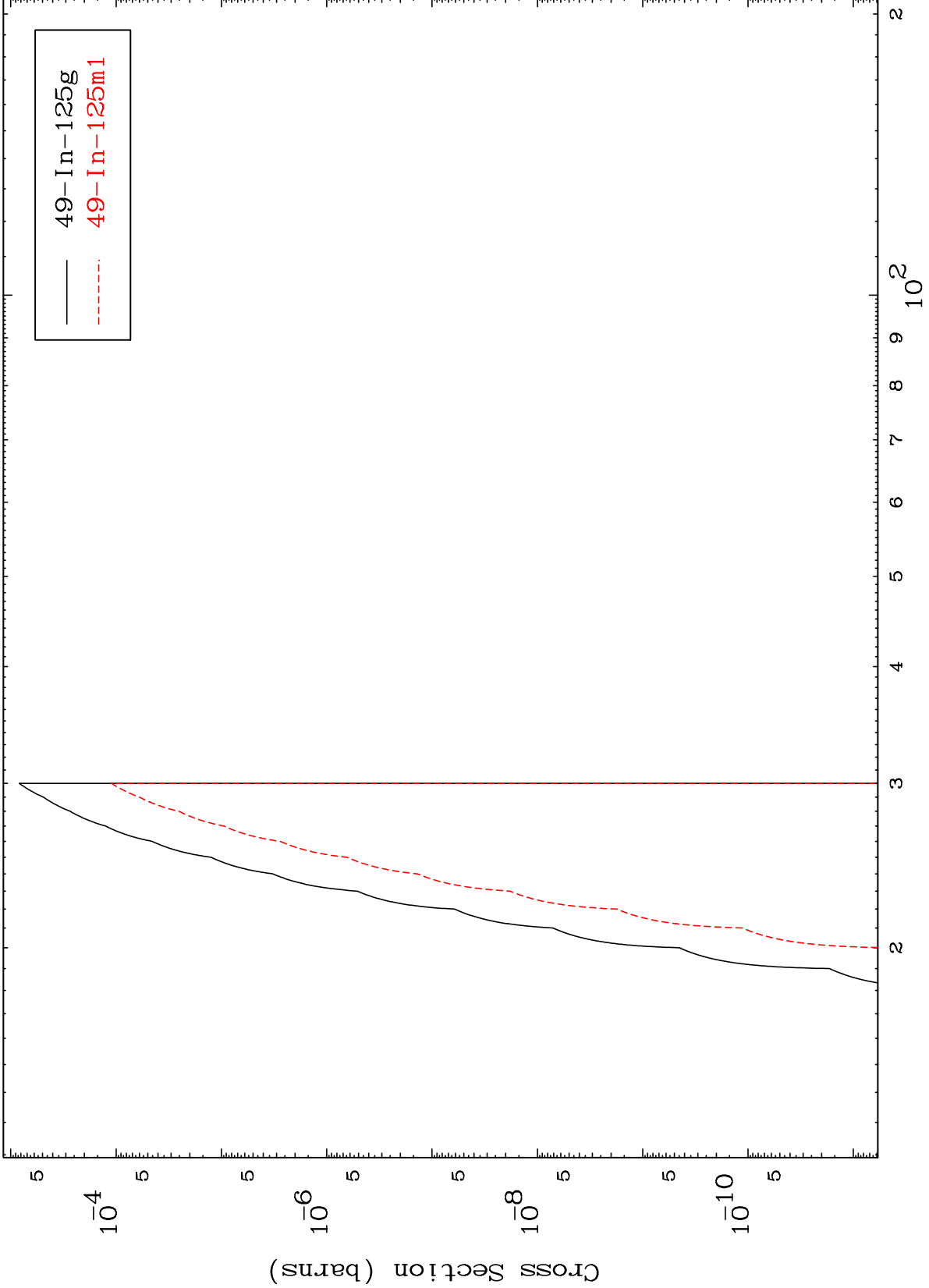


116

Incident Energy (MeV)

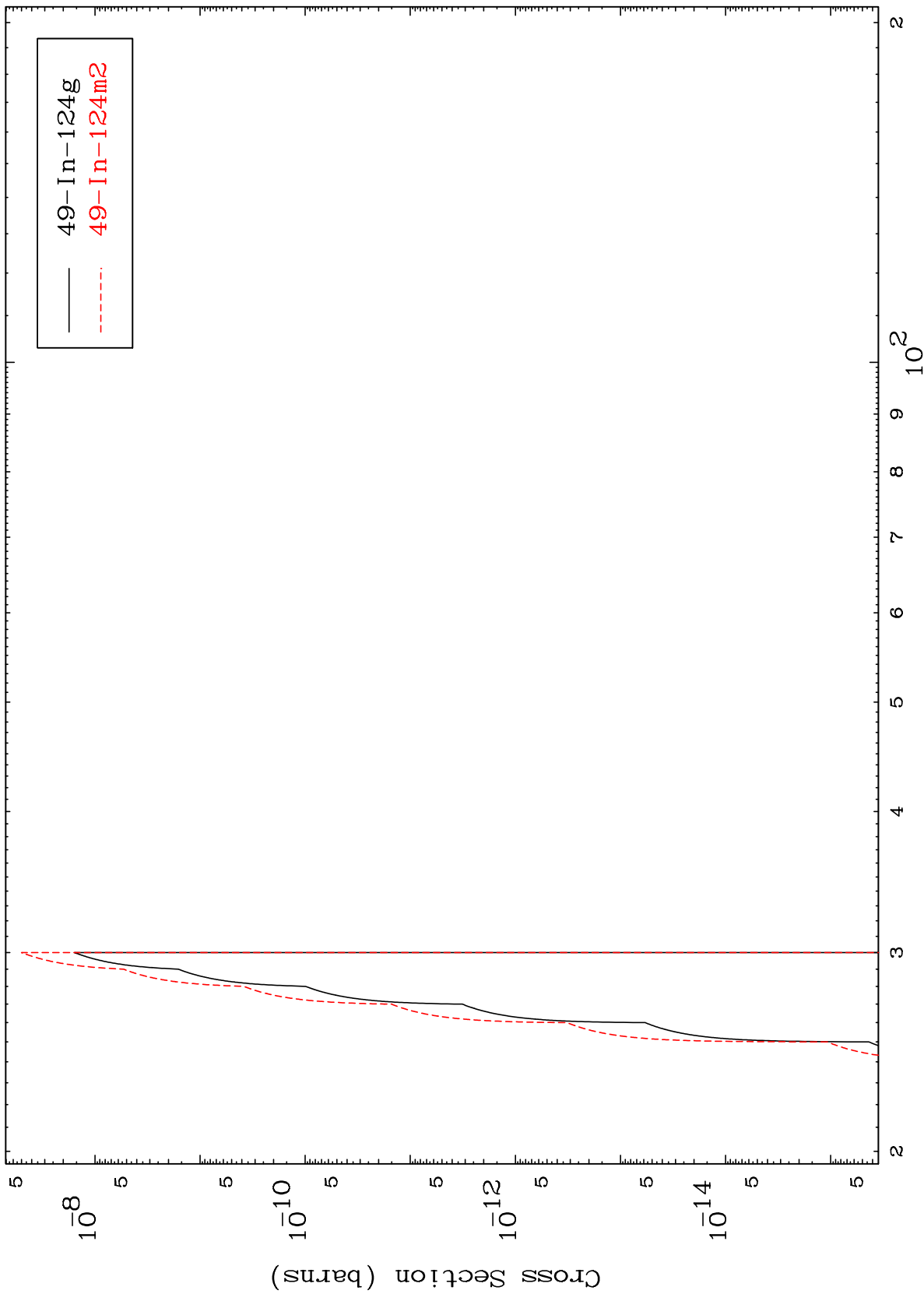
51-Sb-130

Radionuclide Production Cross Section



— 49-In-125g  
- - - 49-In-125m1

Radionuclide Production Cross Section

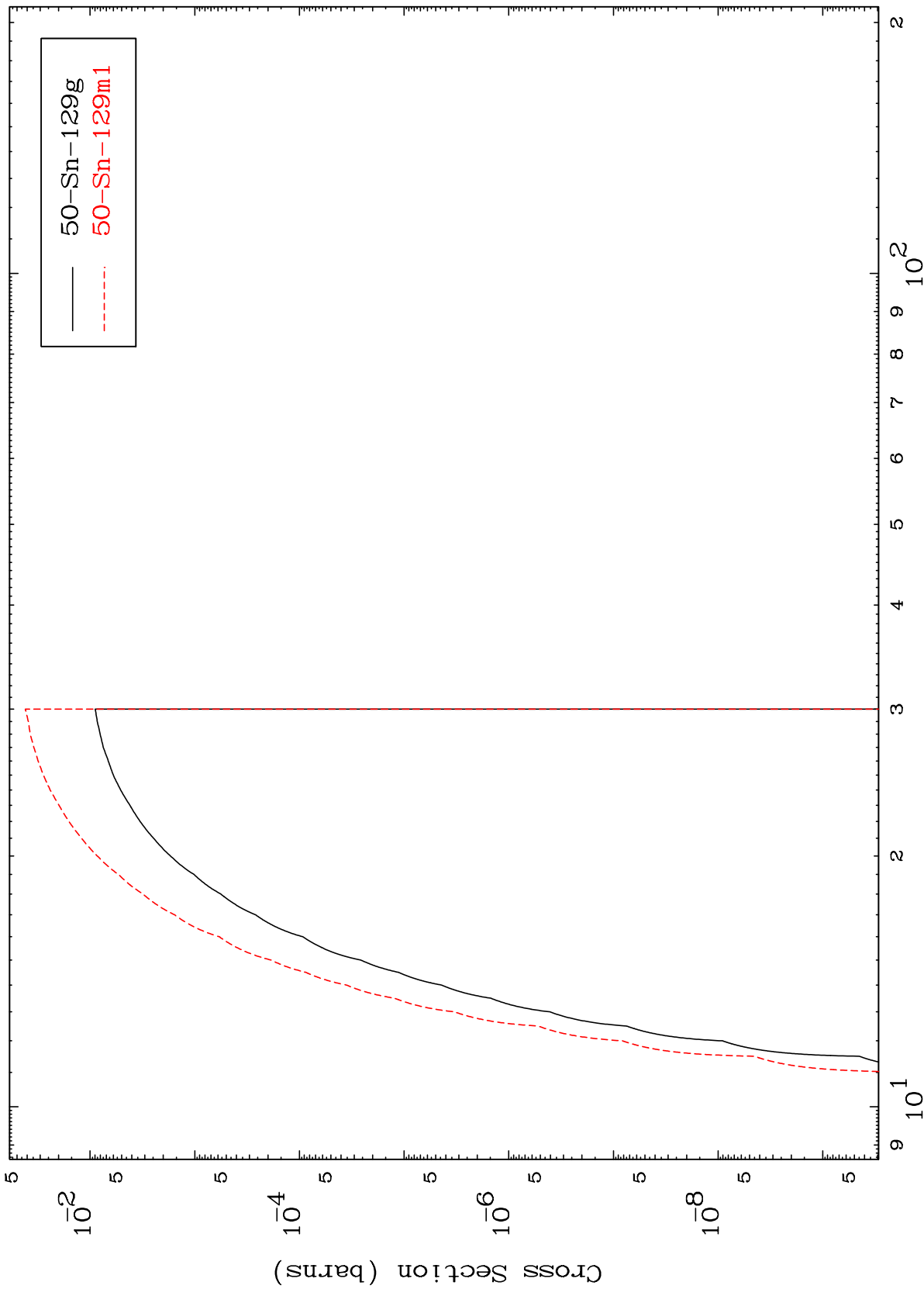


MAT 5152

(n,n') p

51-Sb-130

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-130

119

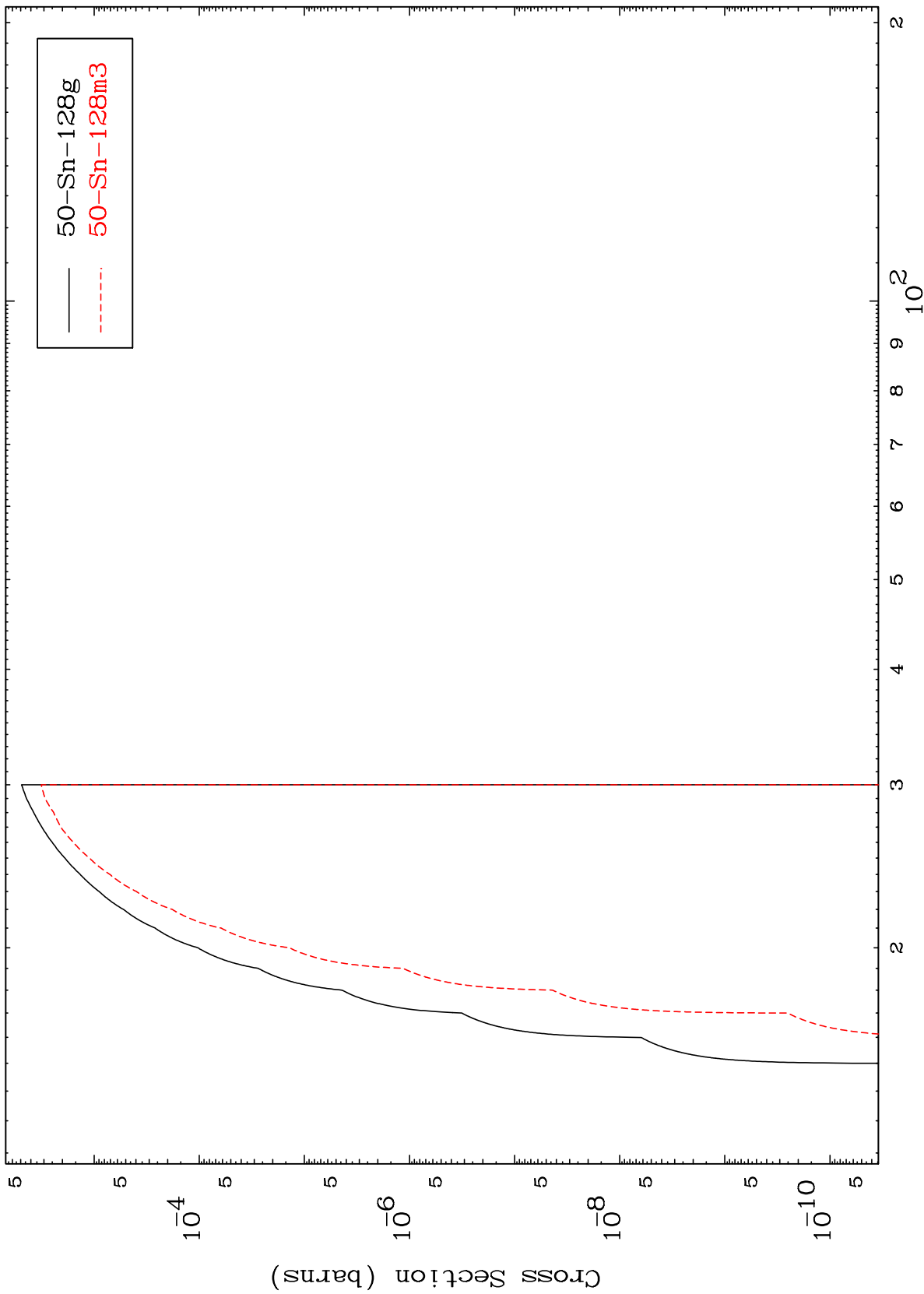


MAT 5152

(n,n') d

51-Sb-130

Radionuclide Production Cross Section



120

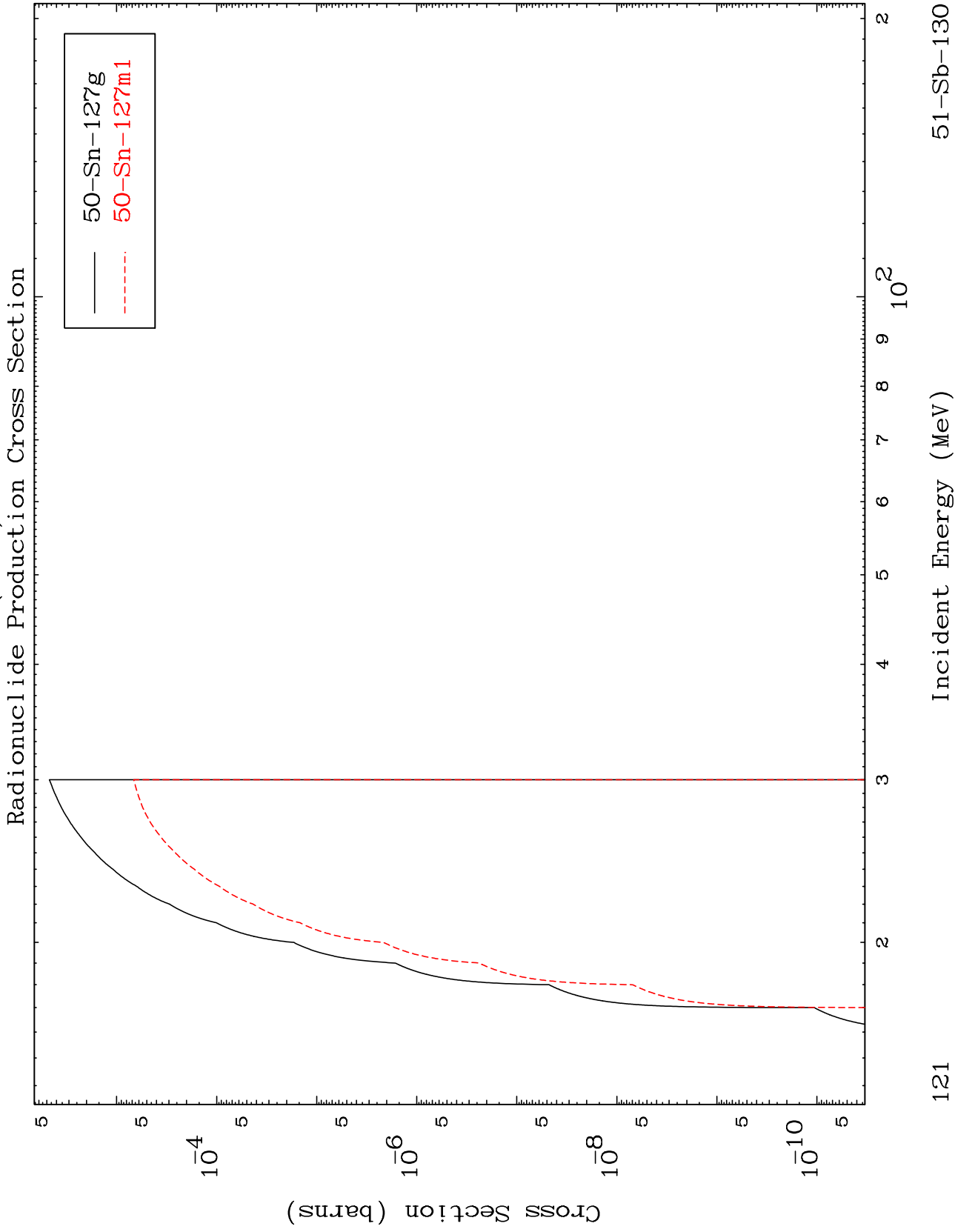
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n,n') t

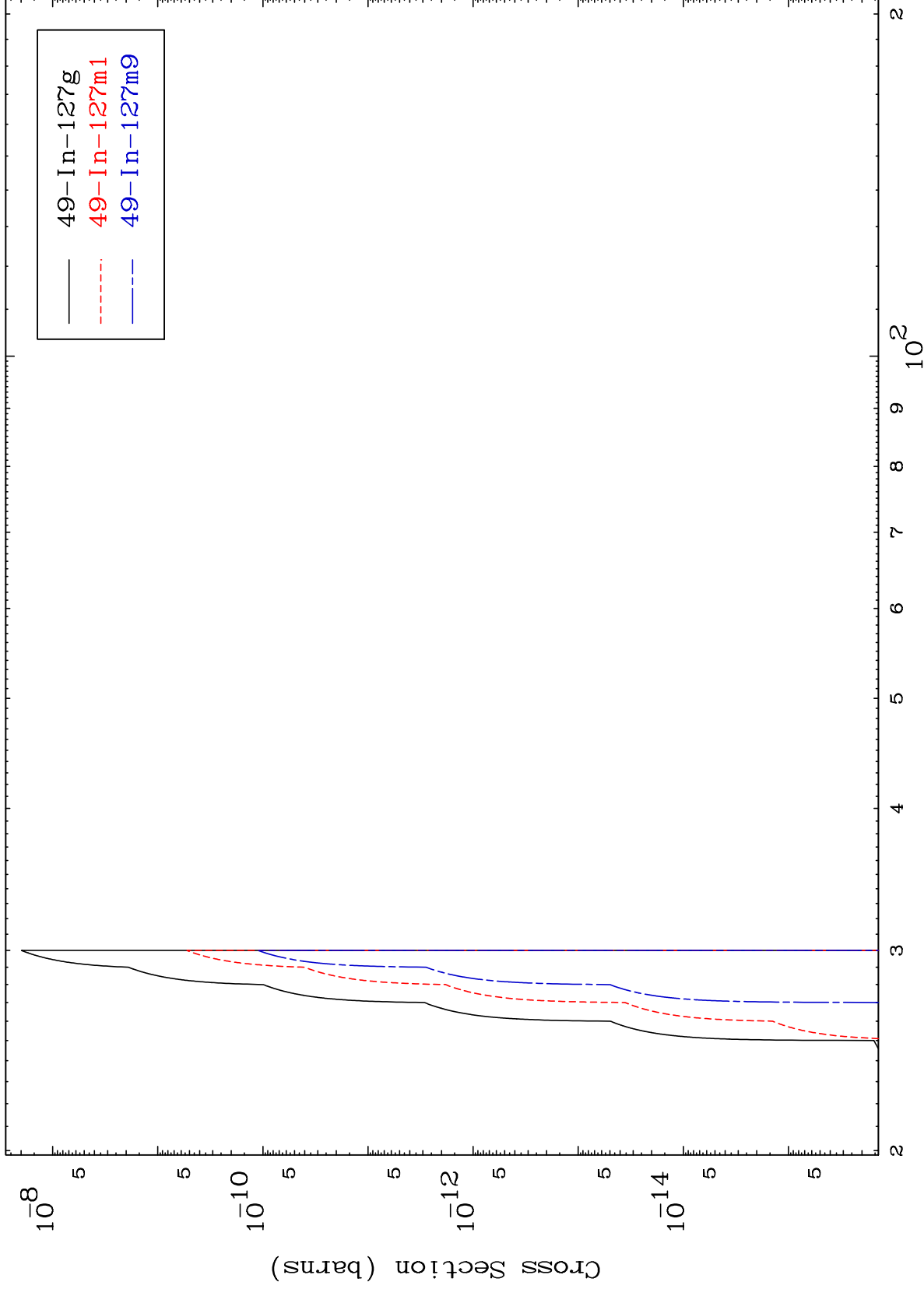
51-Sb-130



121

51-Sb-130

Radionuclide Production Cross Section

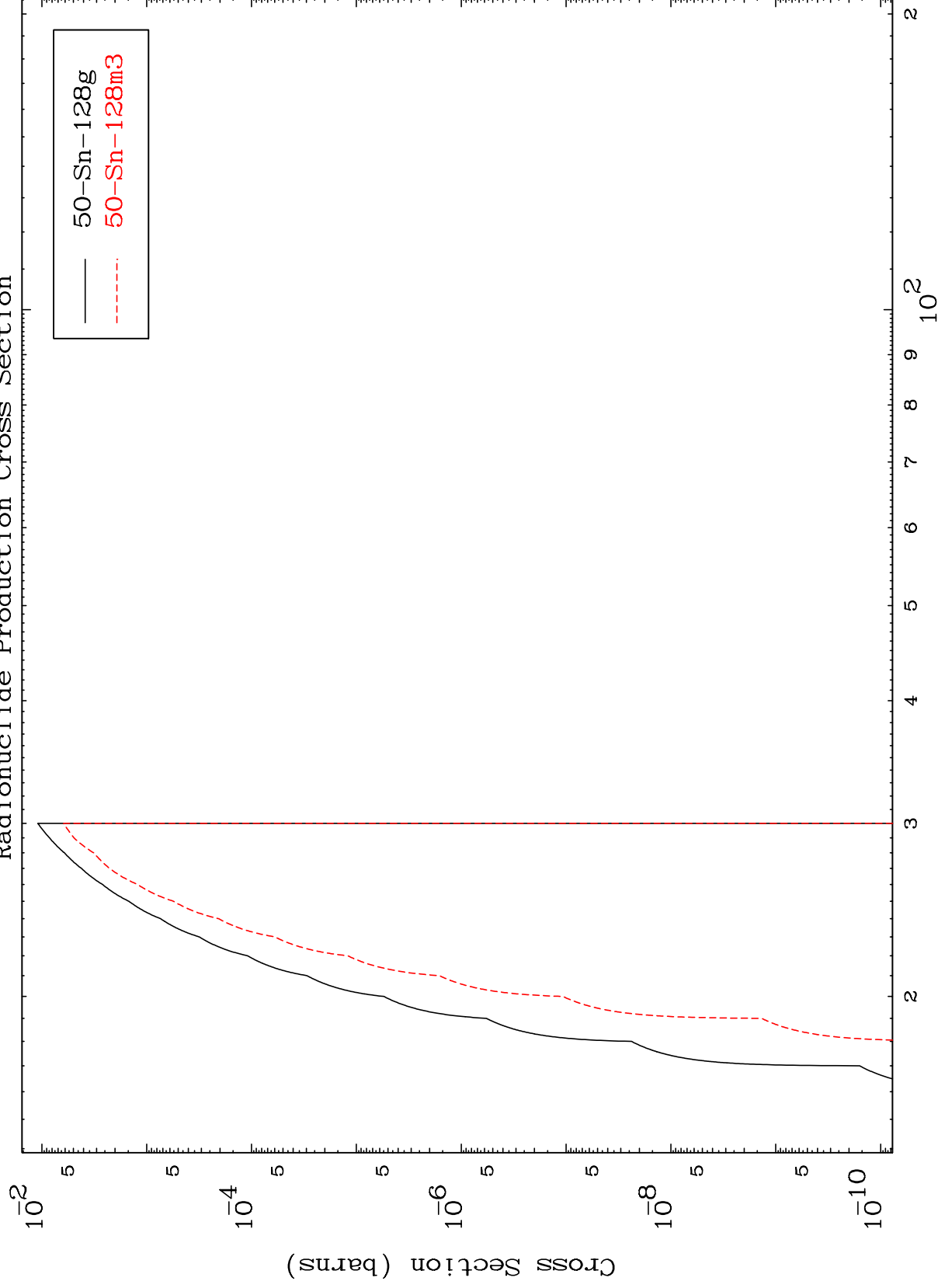


MAT 5152

(n,2n) p

51-Sb-130

Radionuclide Production Cross Section



123

Incident Energy (MeV)

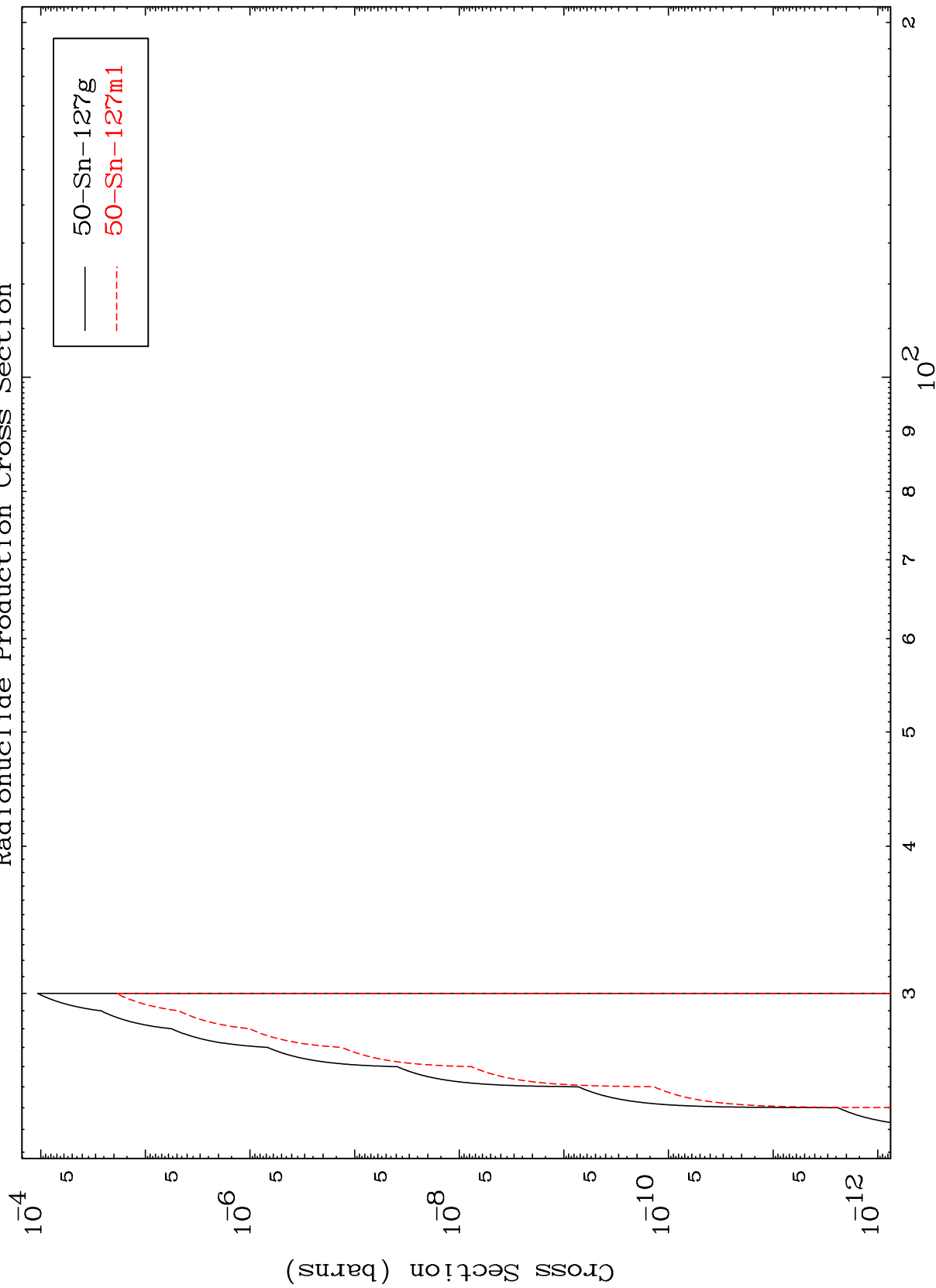
51-Sb-130

MAT 5152

(n,3n) p

51-Sb-130

Radionuclide Production Cross Section



124

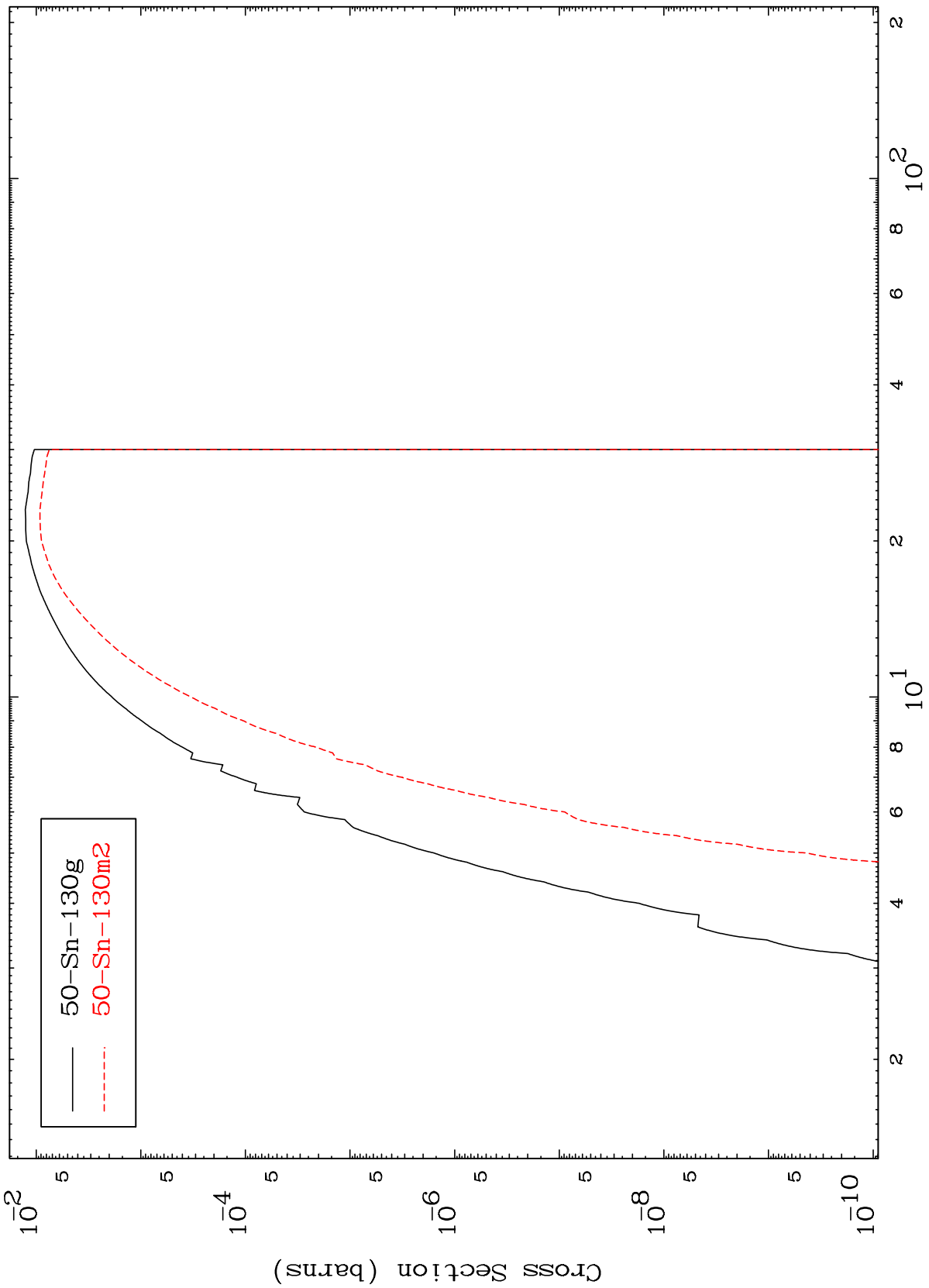
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

(n,p)  
Radionuclide Production Cross Section



125

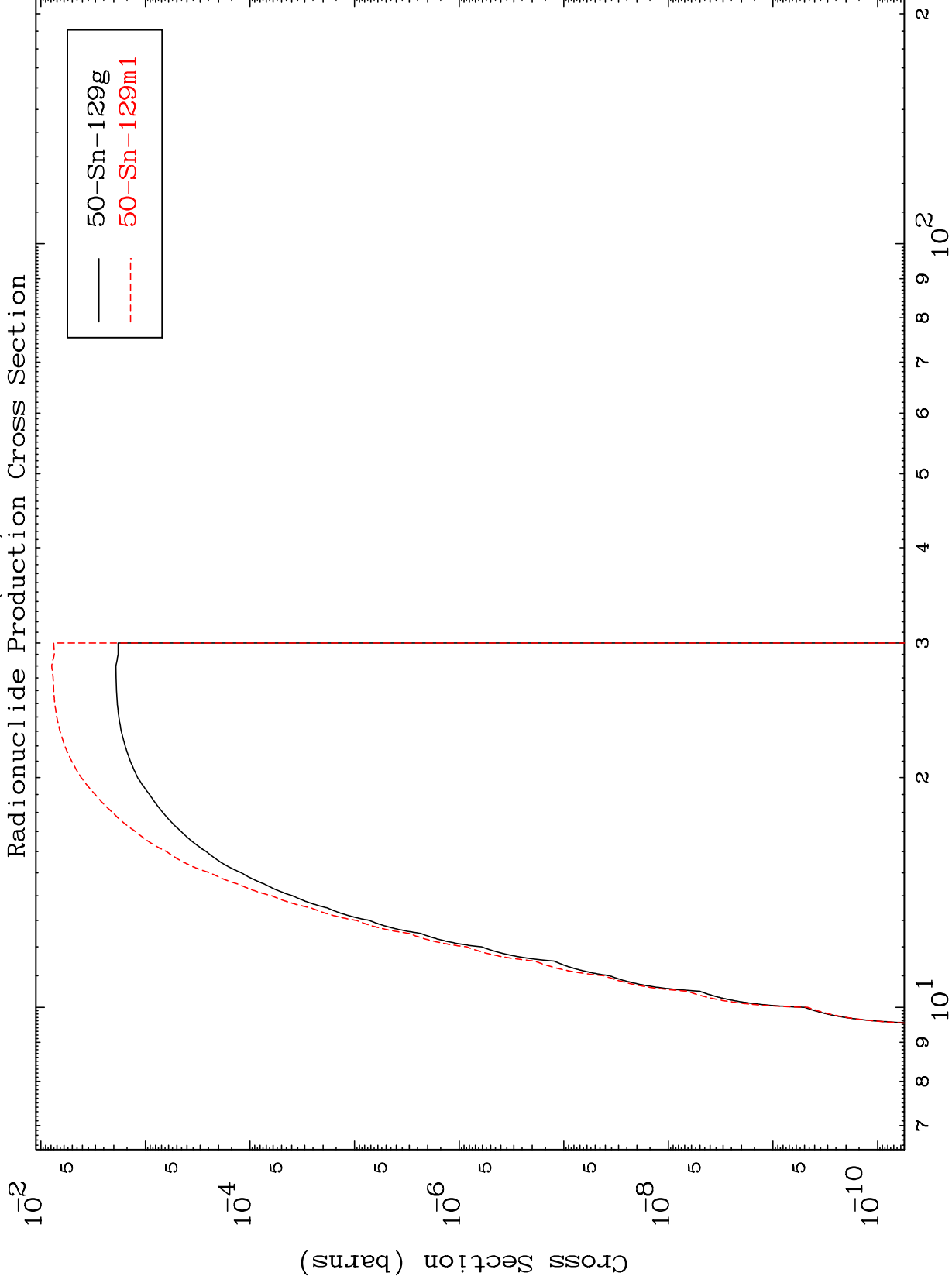
51-Sb-130

Incident Energy (MeV)

MAT 5152

(n,d)

51-Sb-130



126

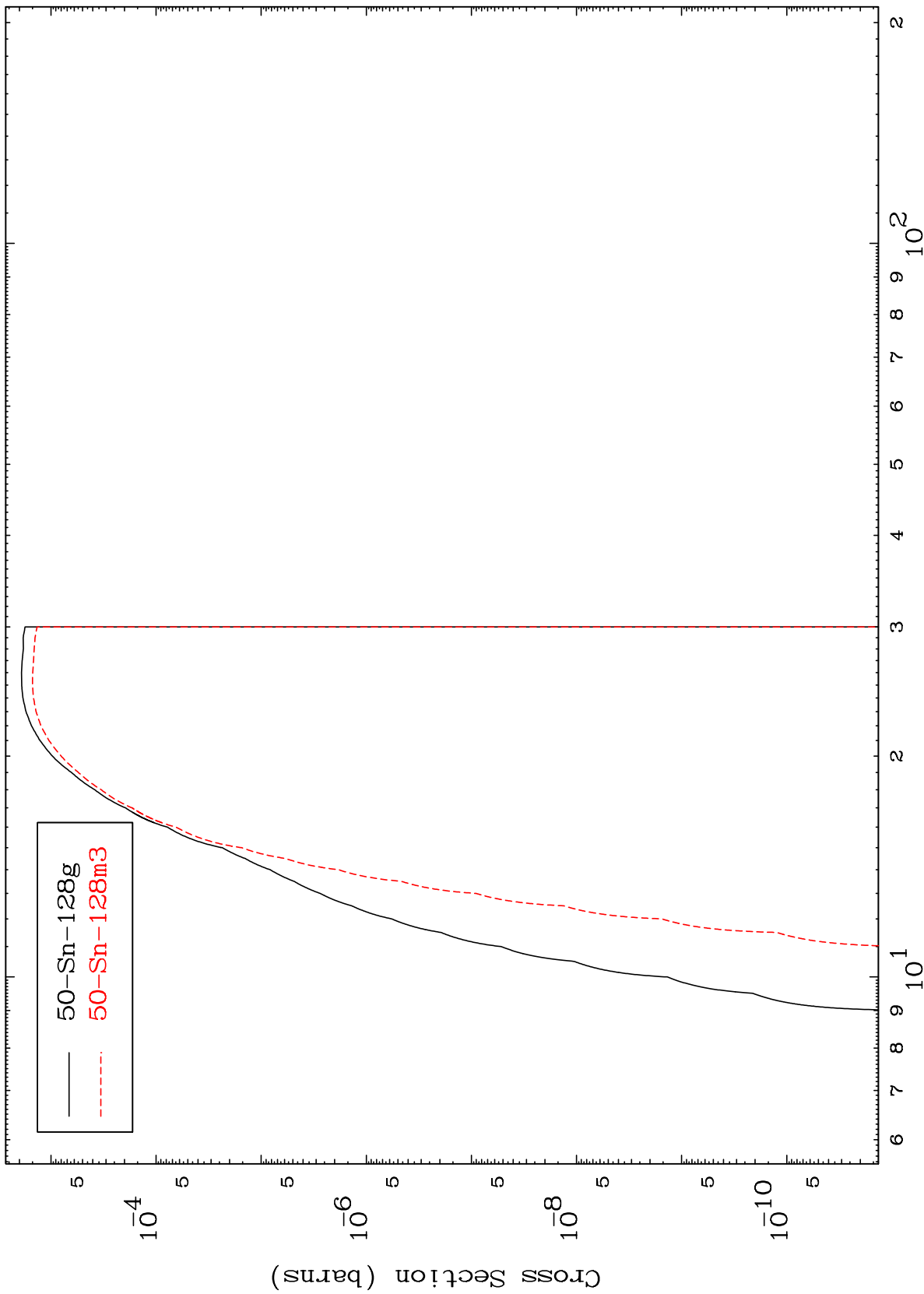
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

(n,t)  
Radionuclide Production Cross Section

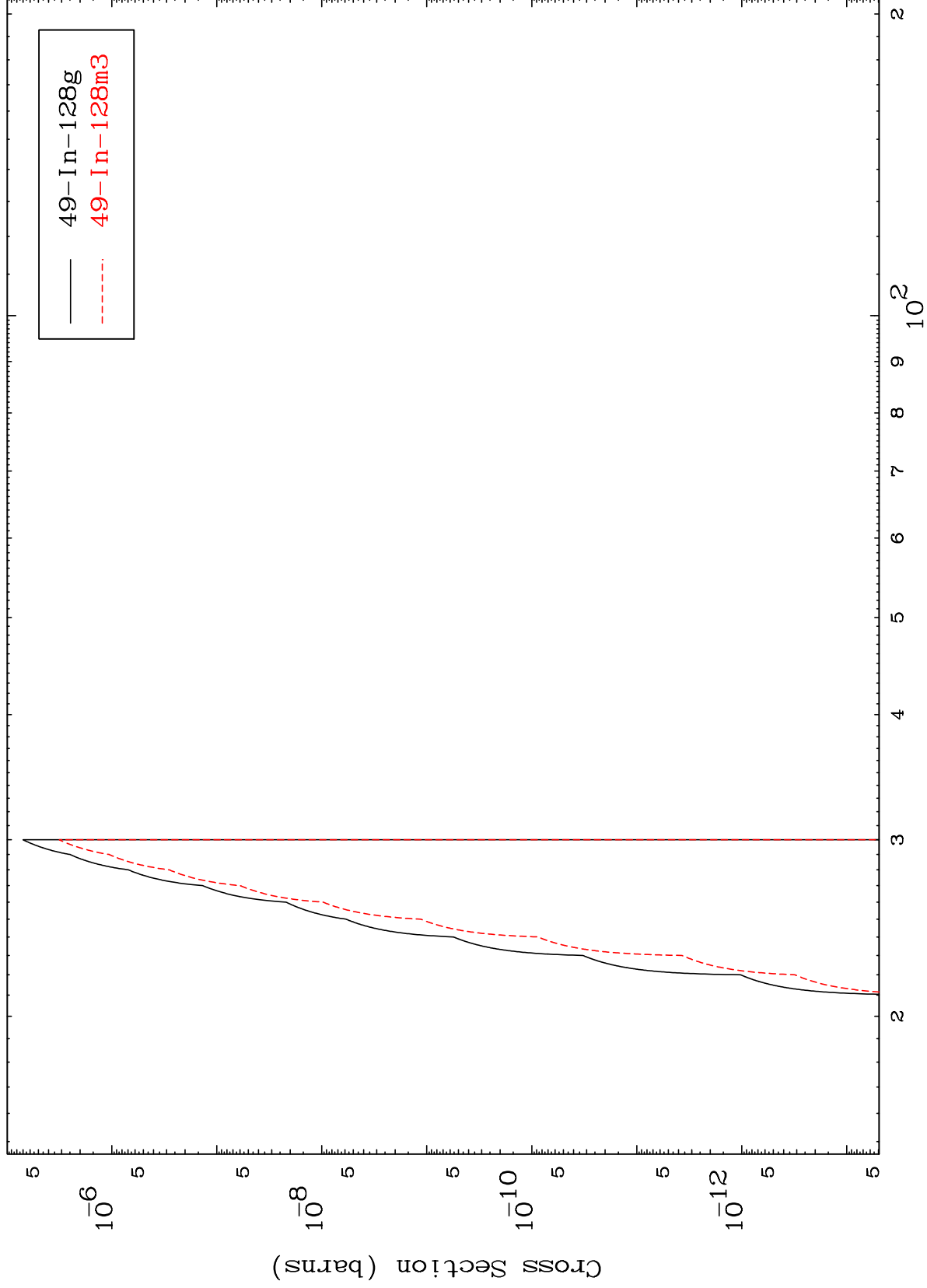


127

51-Sb-130



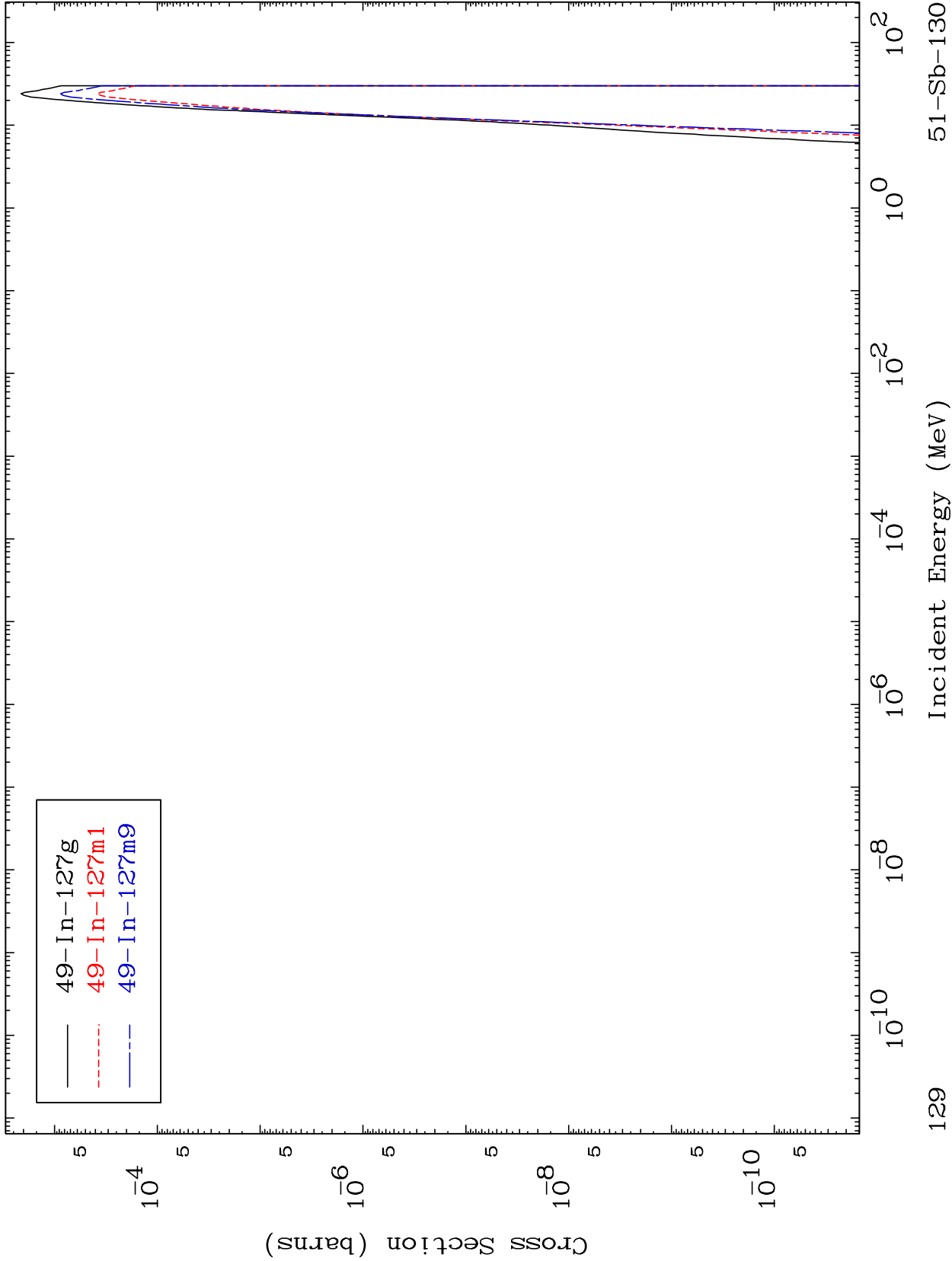
Radionuclide Production Cross Section



MAT 5152

51-Sb-130

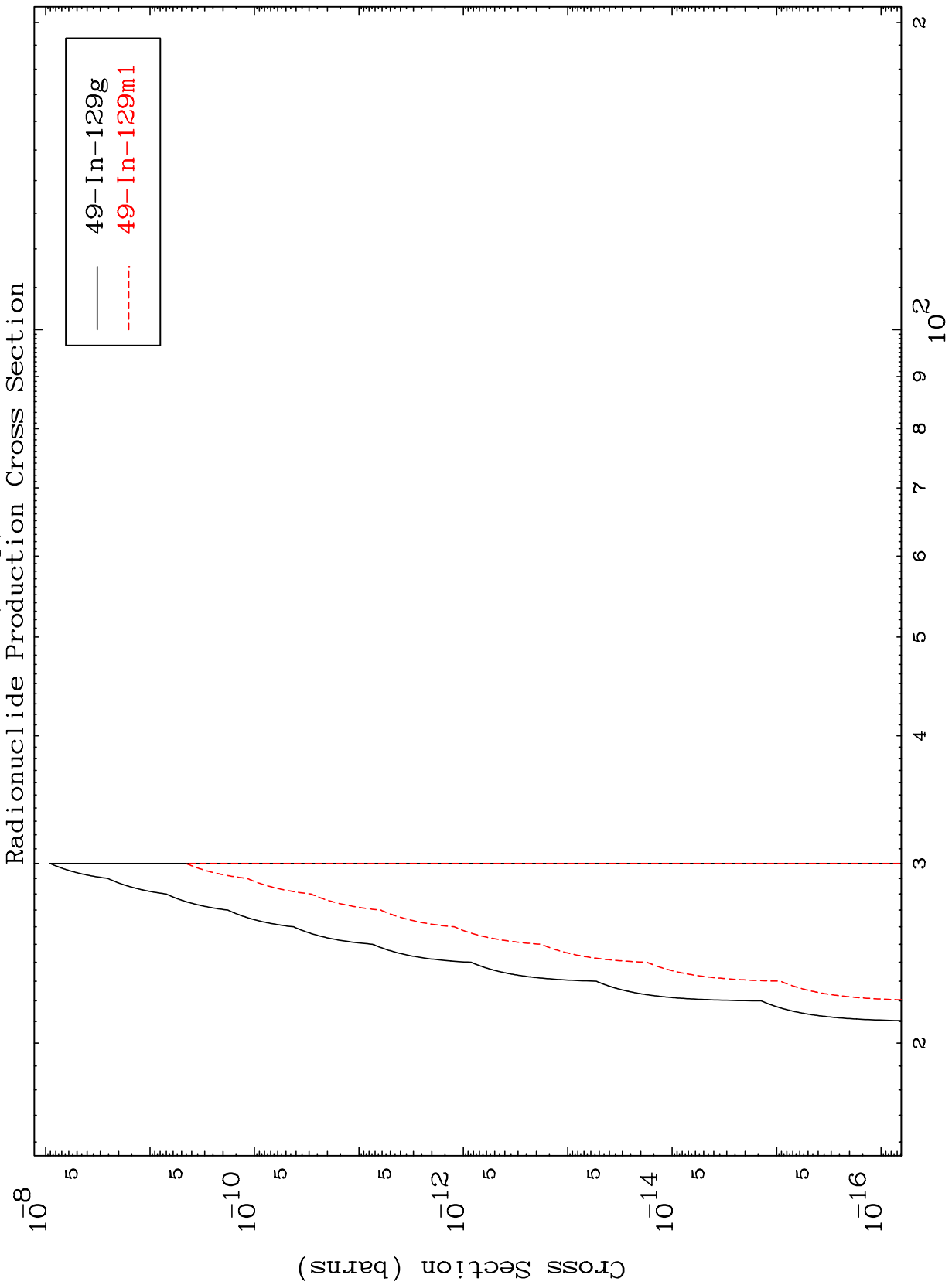
Radionuclide Production Cross Section (n,α)



MAT 5152

51-Sb-130

(n,2p)  
Radionuclide Production Cross Section



130

51-Sb-130

Incident Energy (MeV)