

Program EVALPLOT  
(Version 2021-1)

by

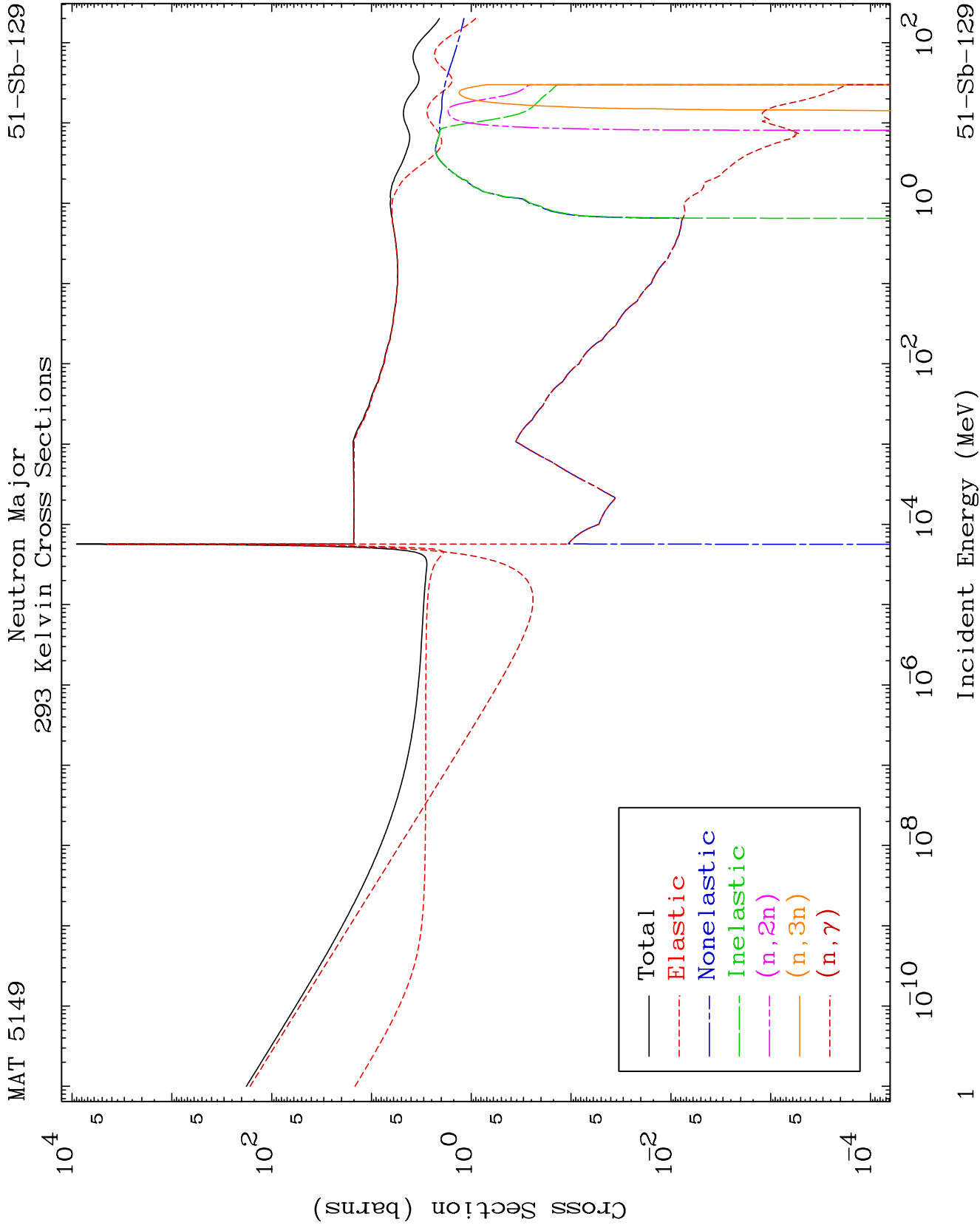
Dermott E. Cullen  
(Present Contact Information)

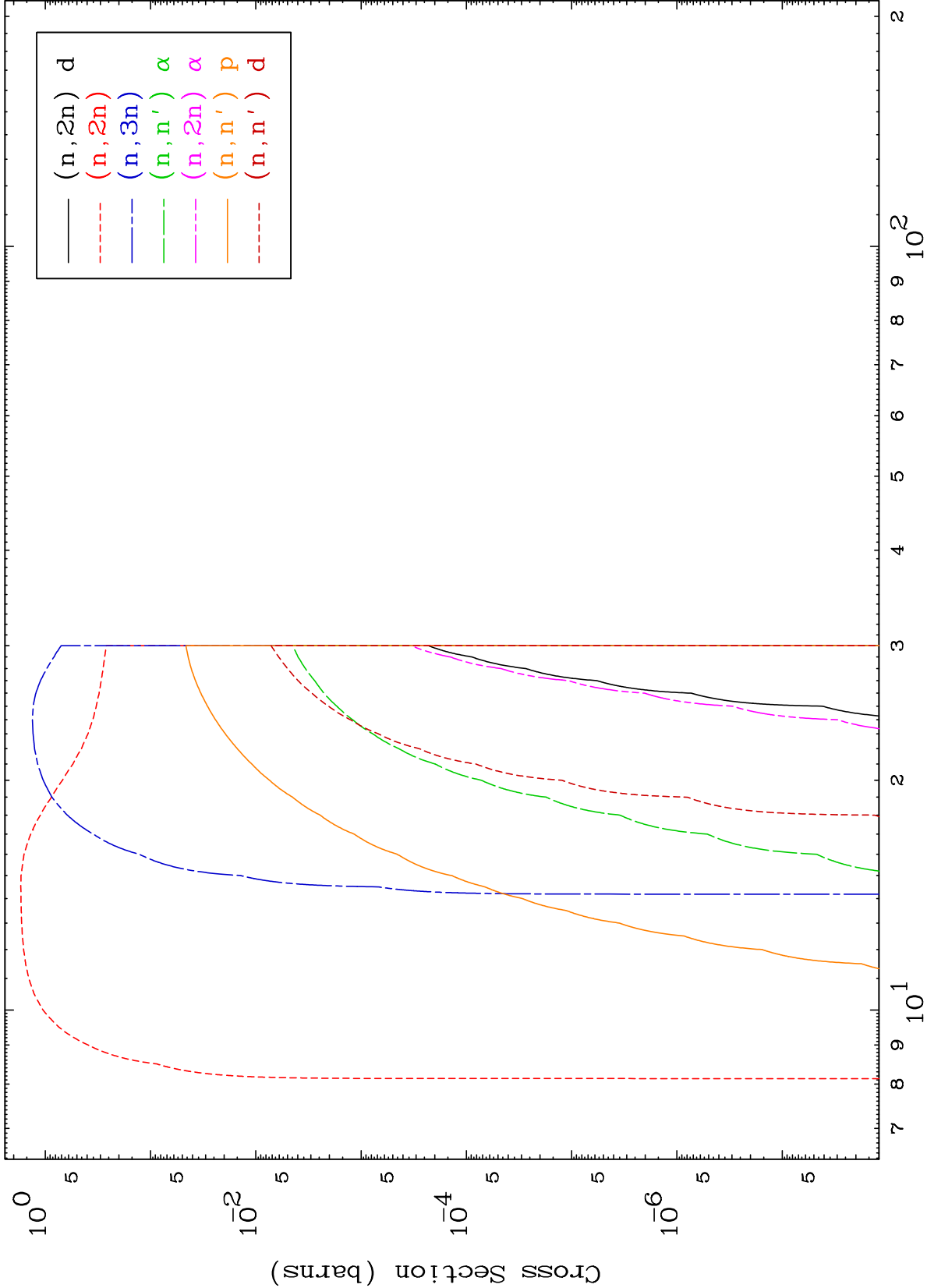
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

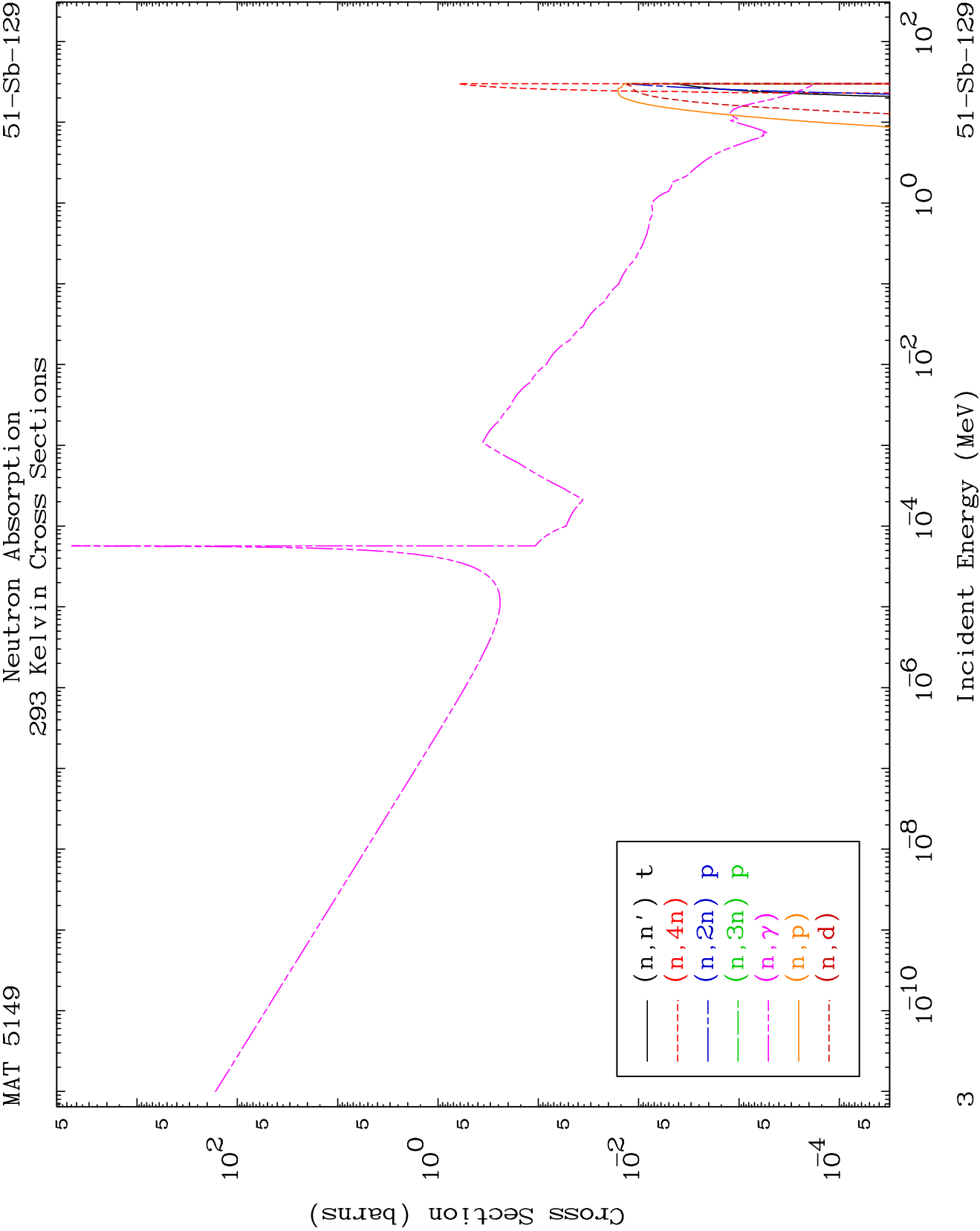
Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

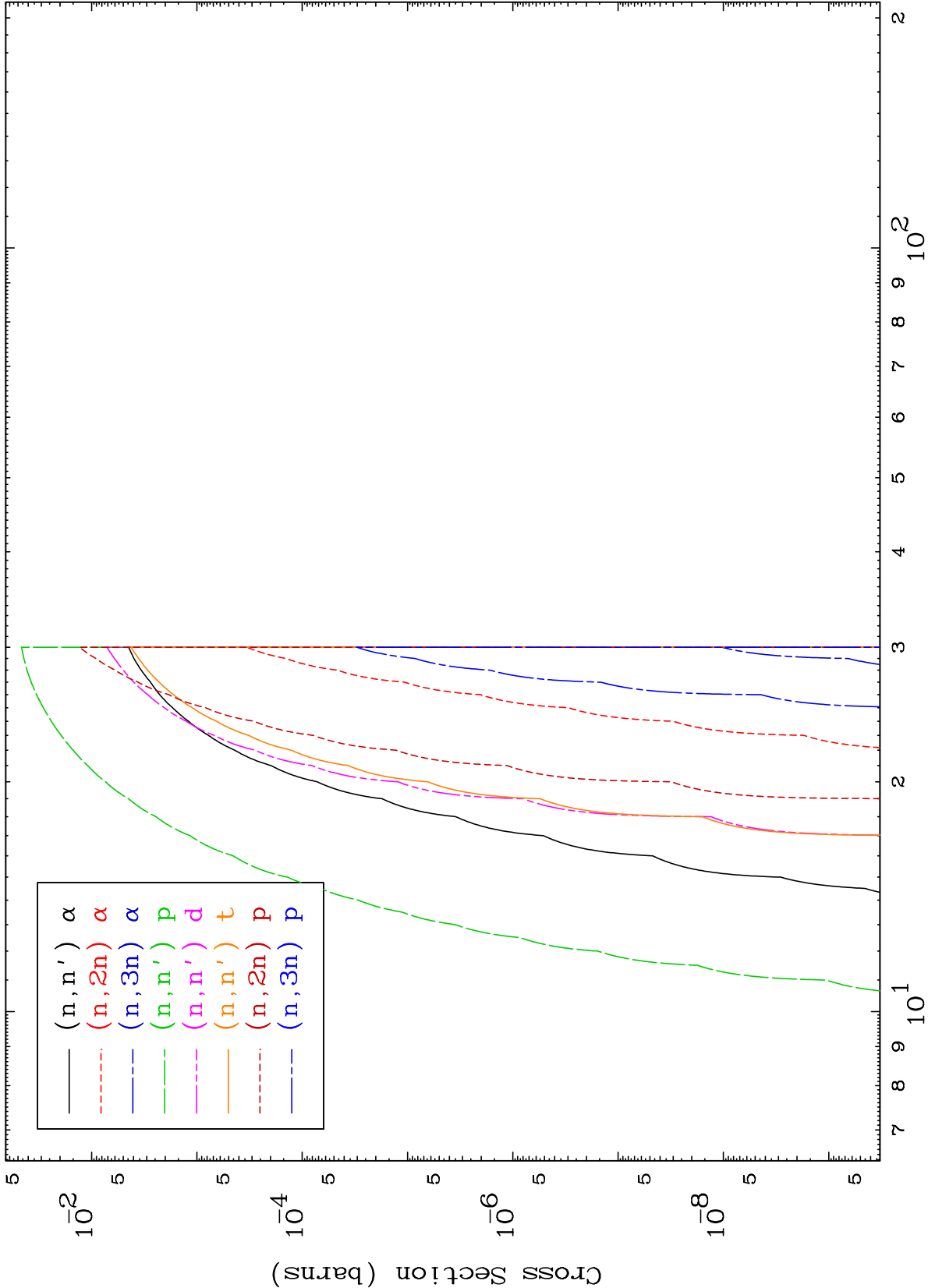
Press Mouse Button to Start

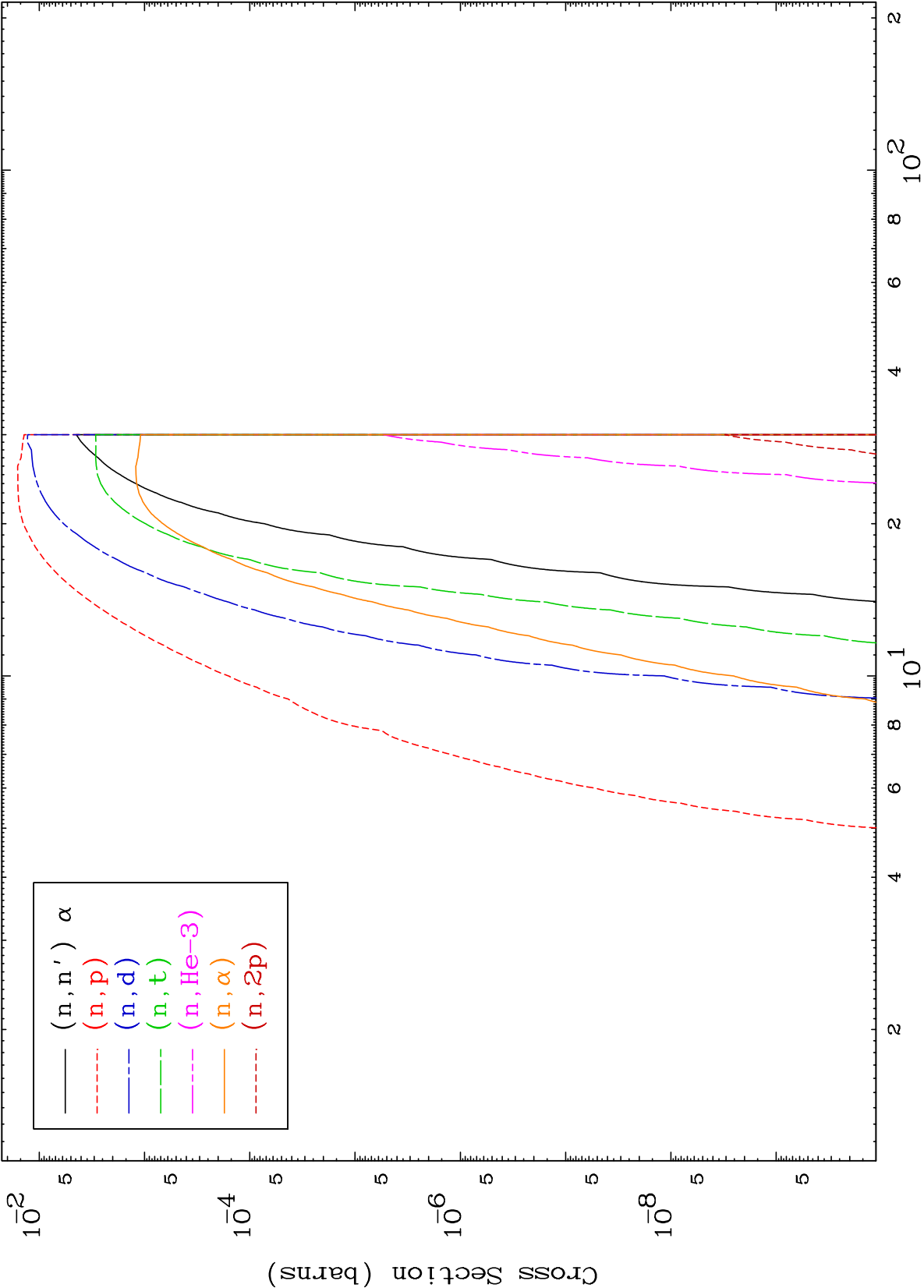


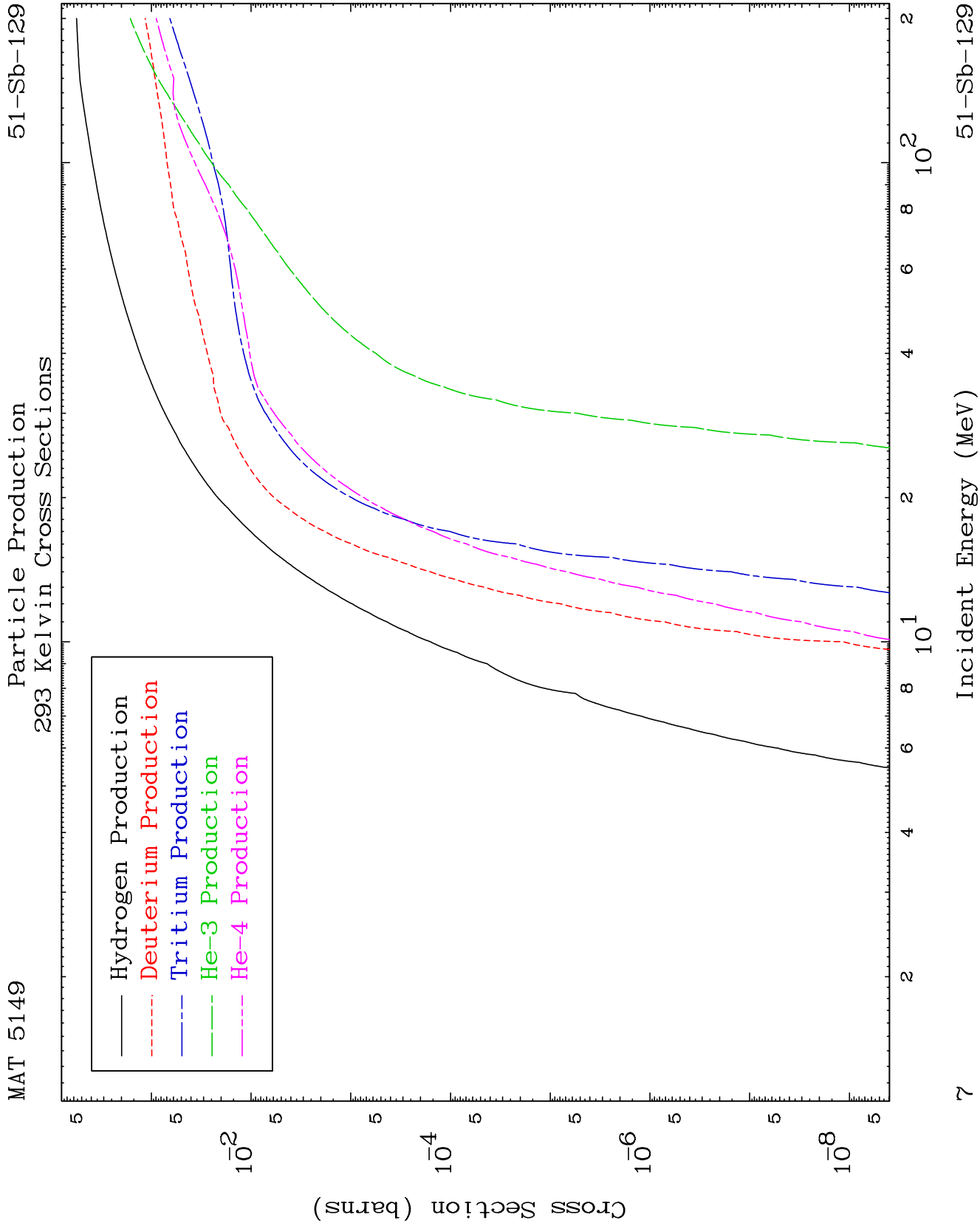


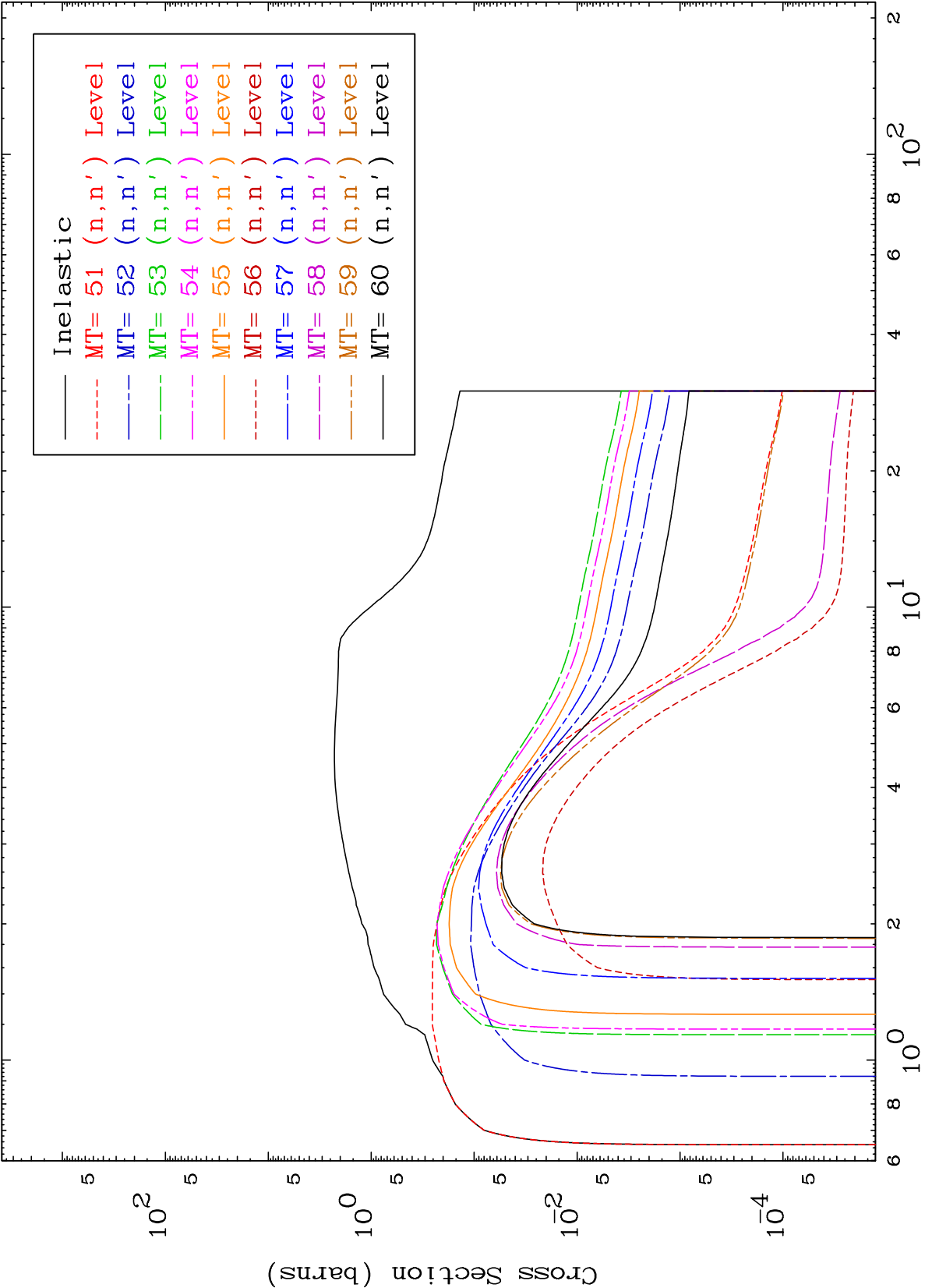


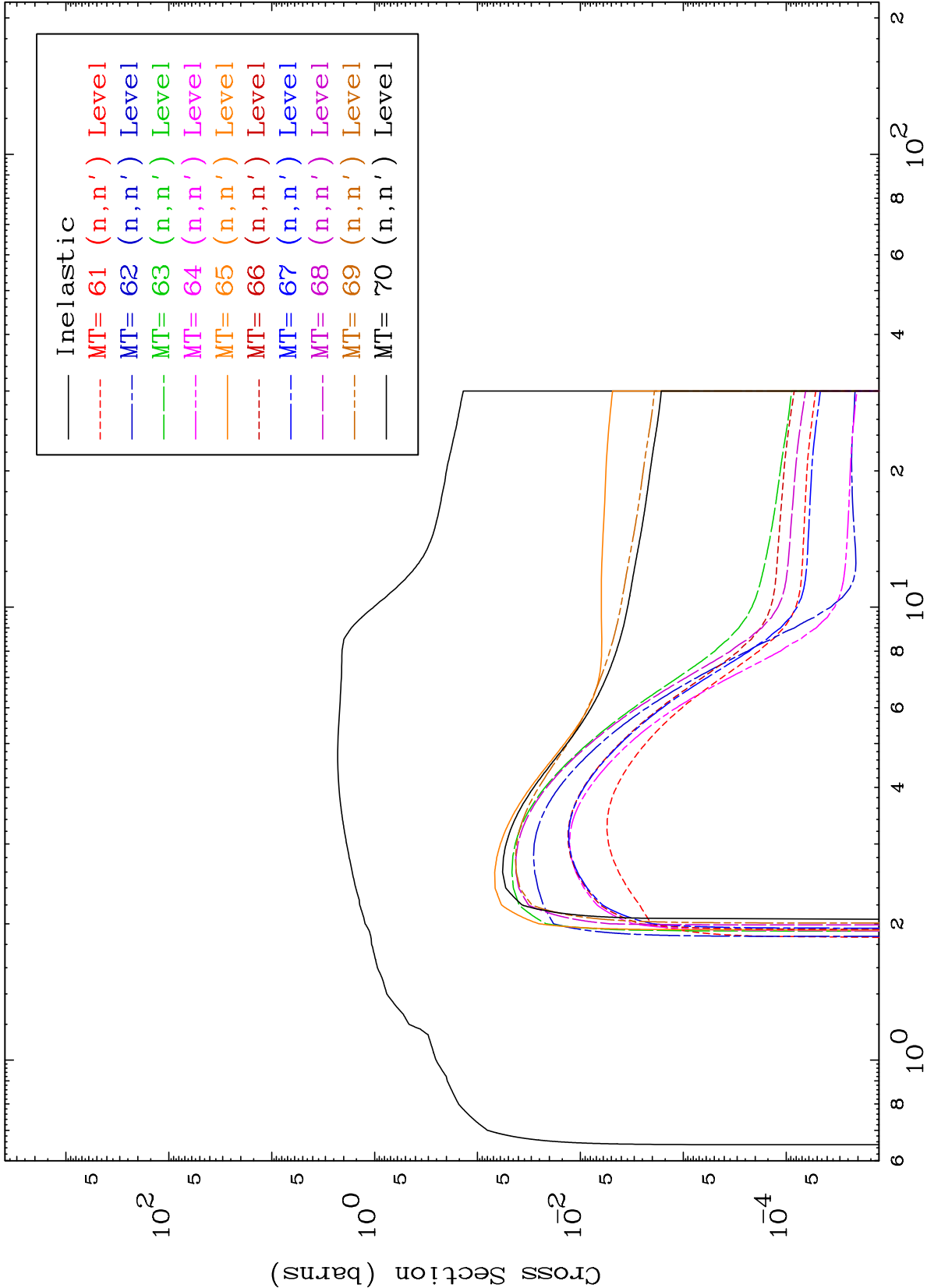


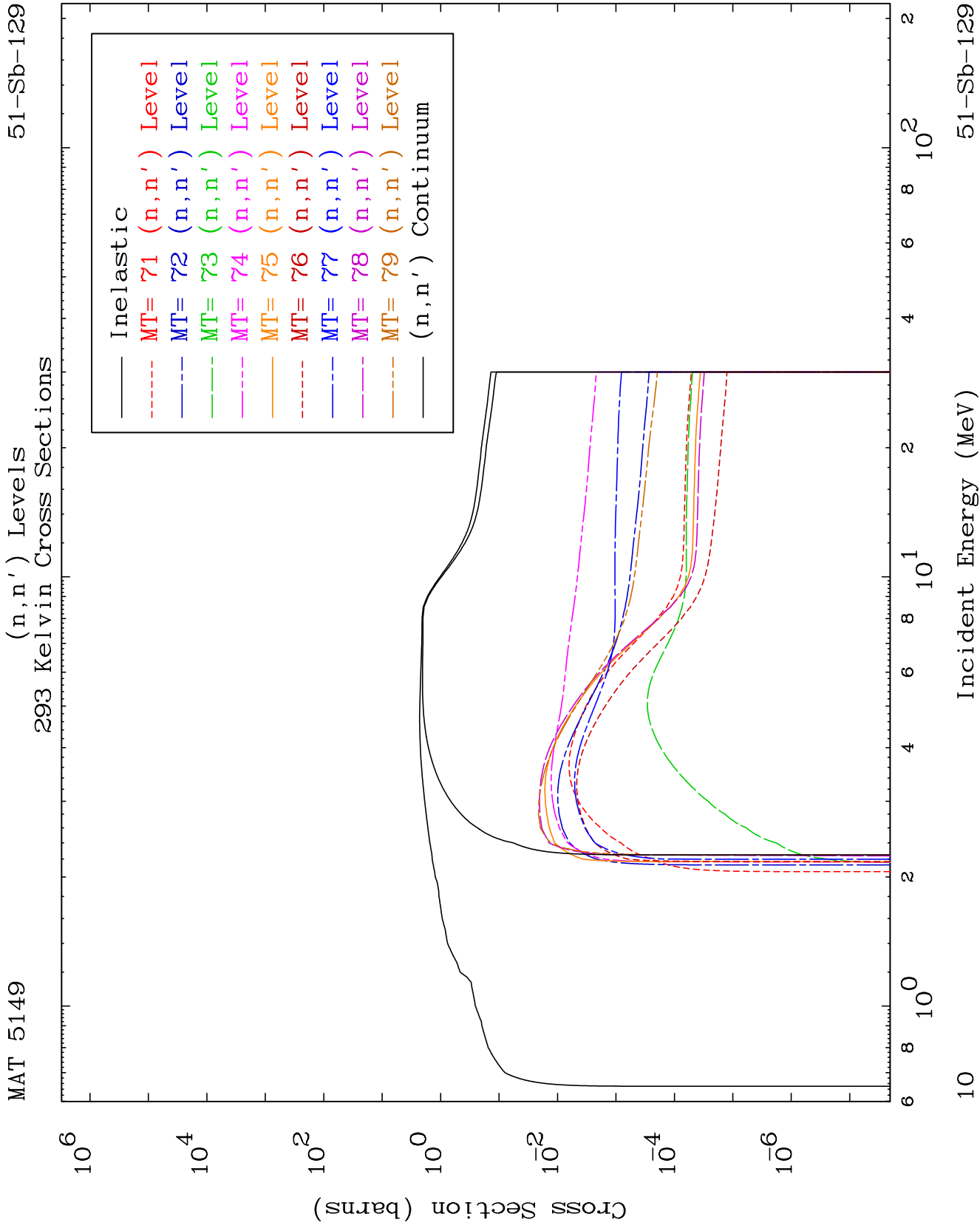




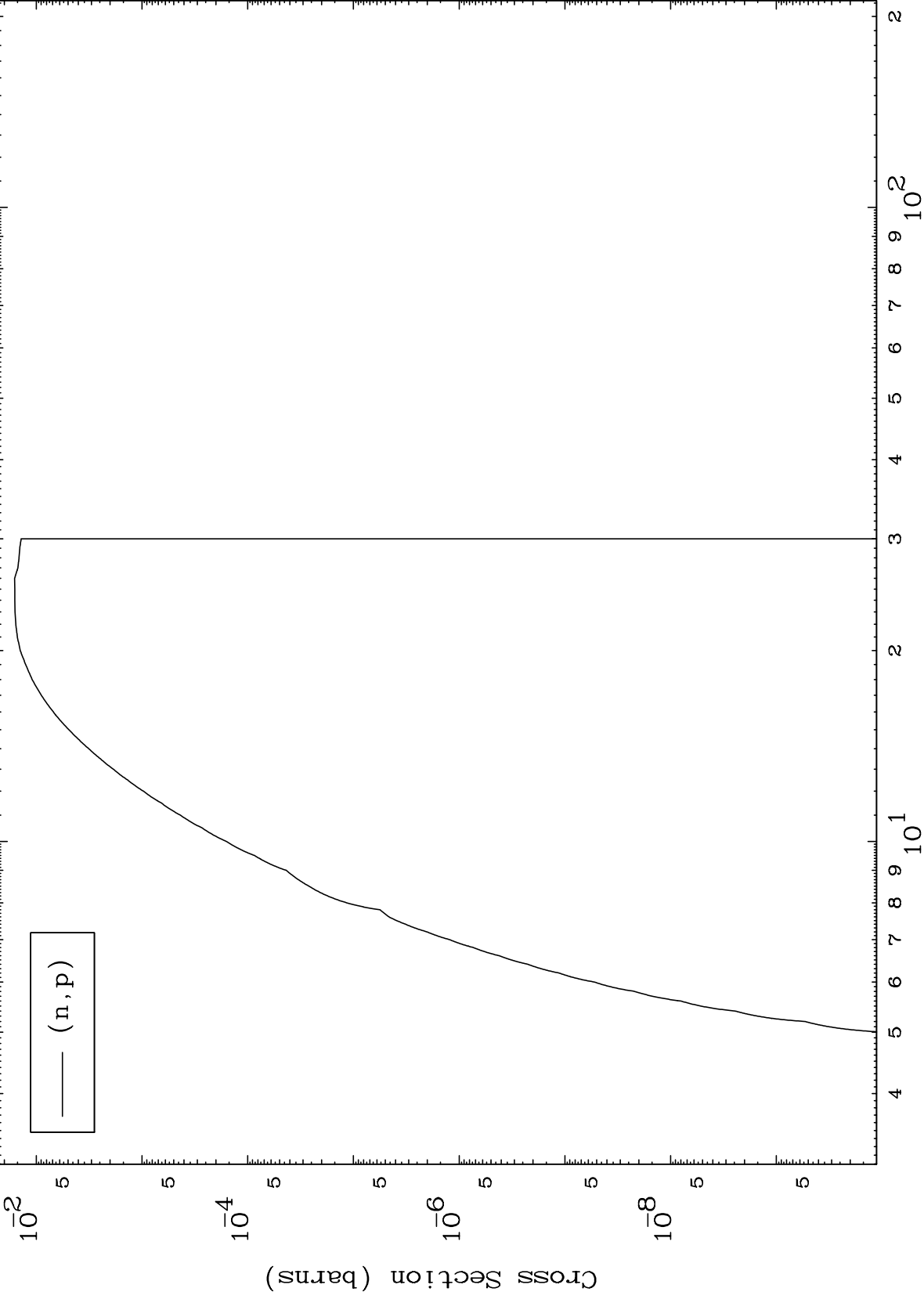


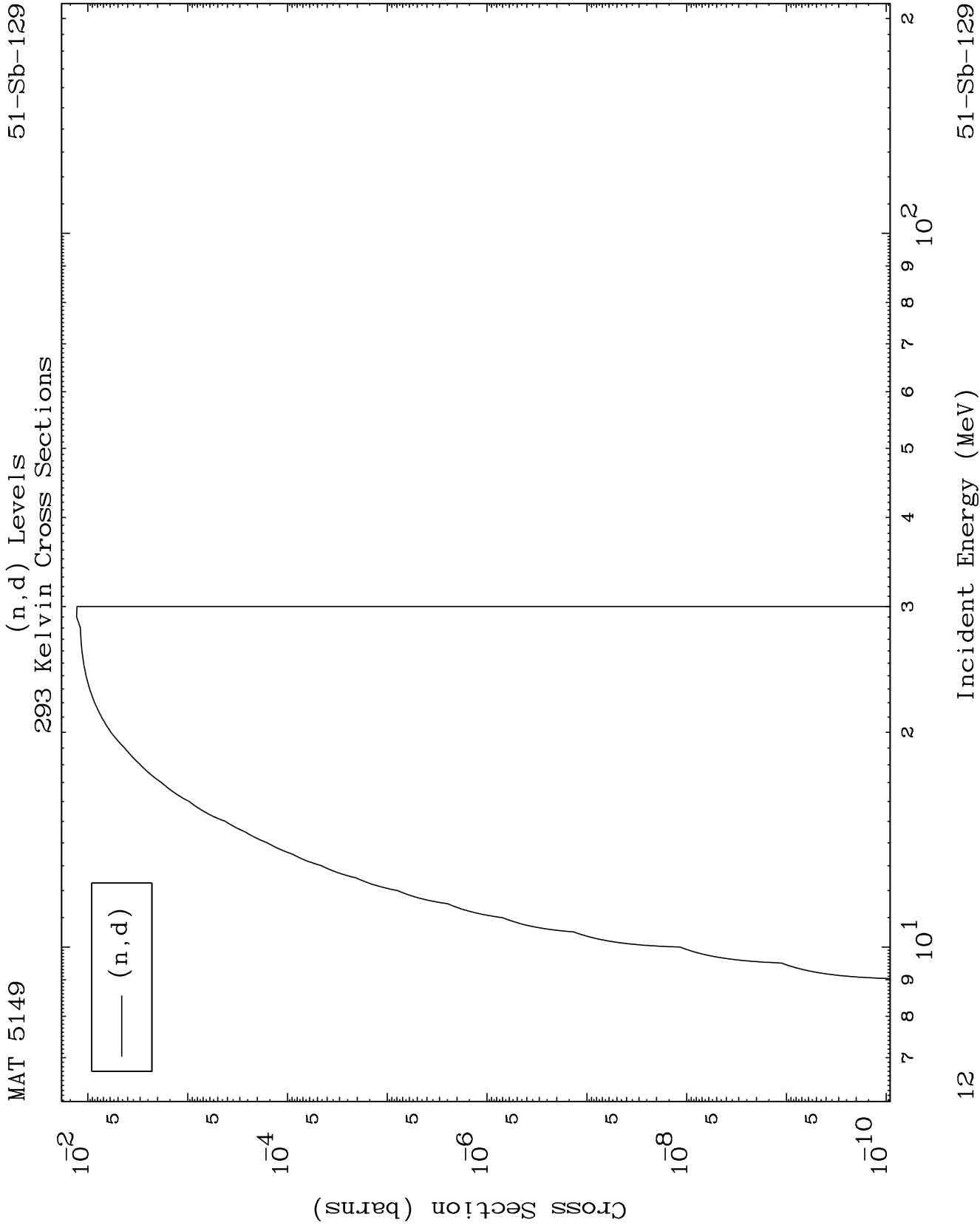




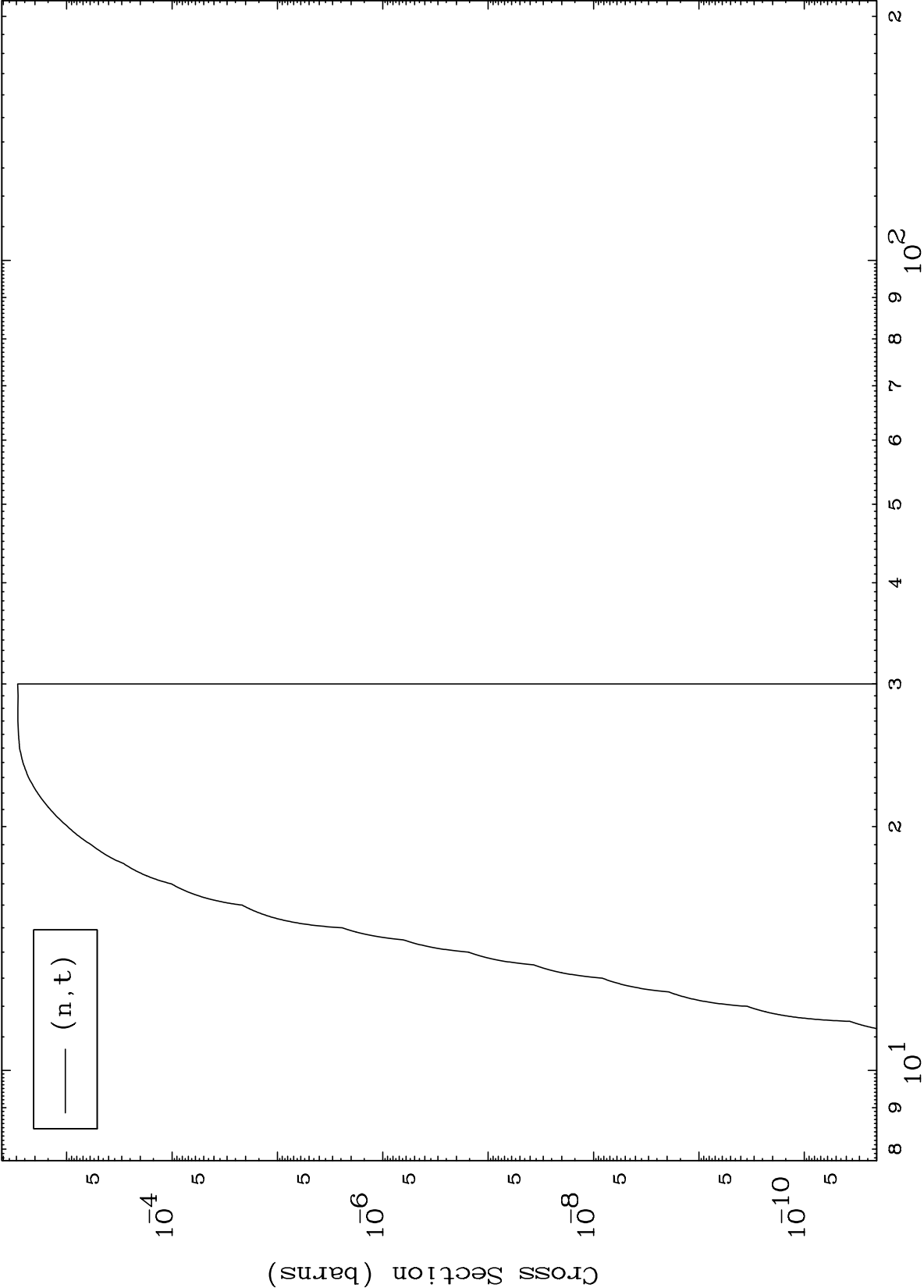


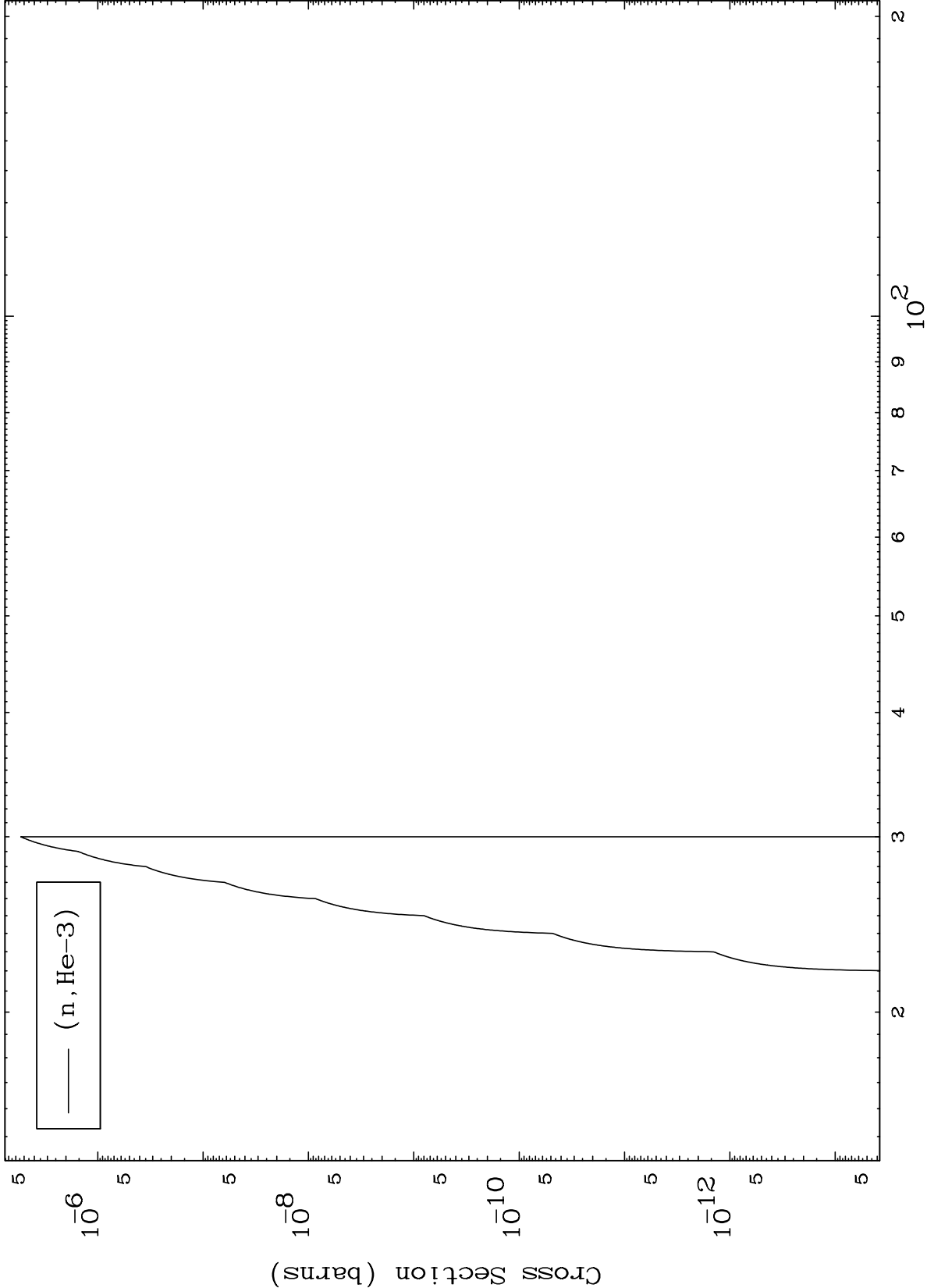
(n,p) Levels  
293 Kelvin Cross Sections





(n,t) Levels  
293 Kelvin Cross Sections

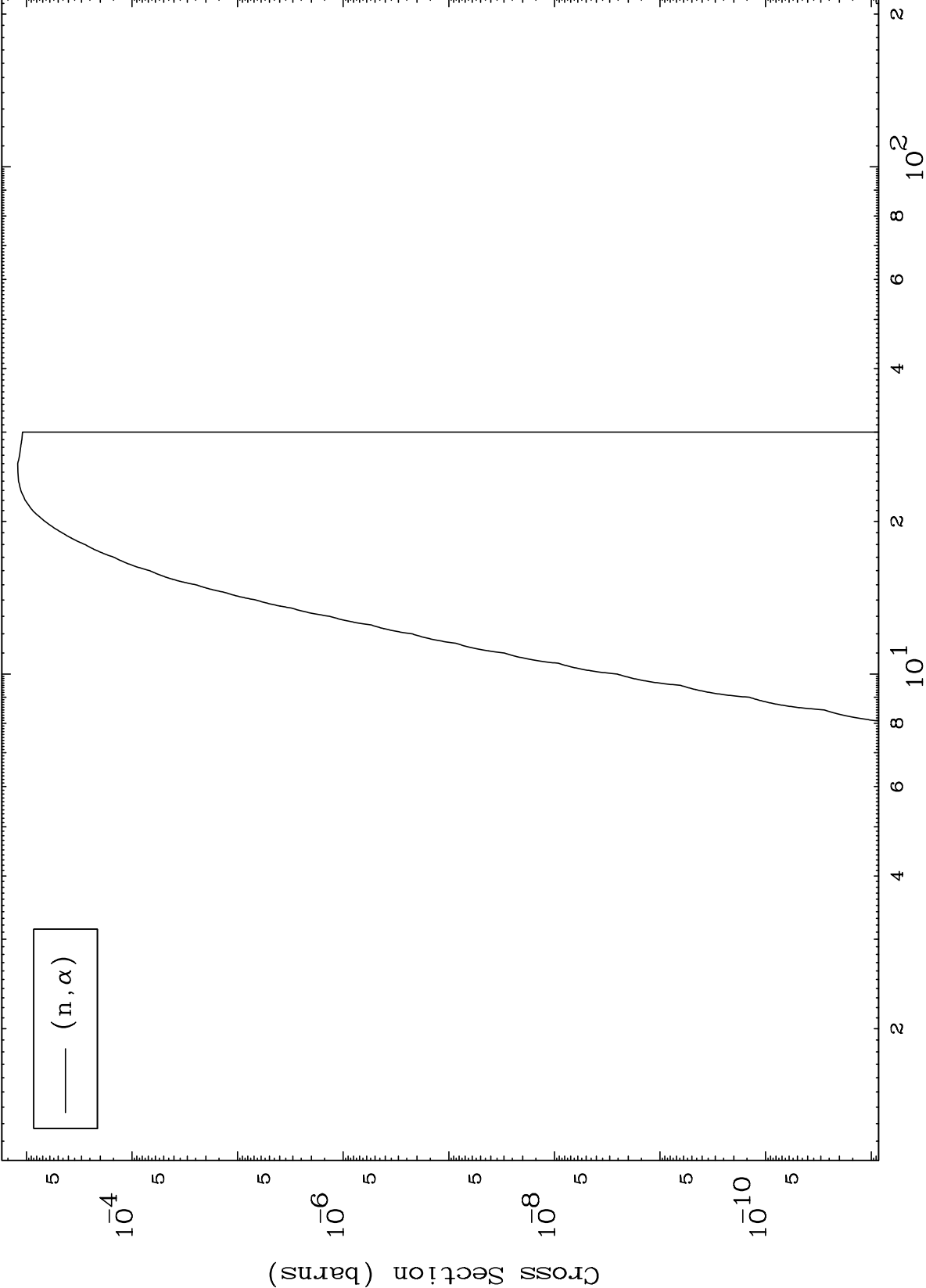




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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

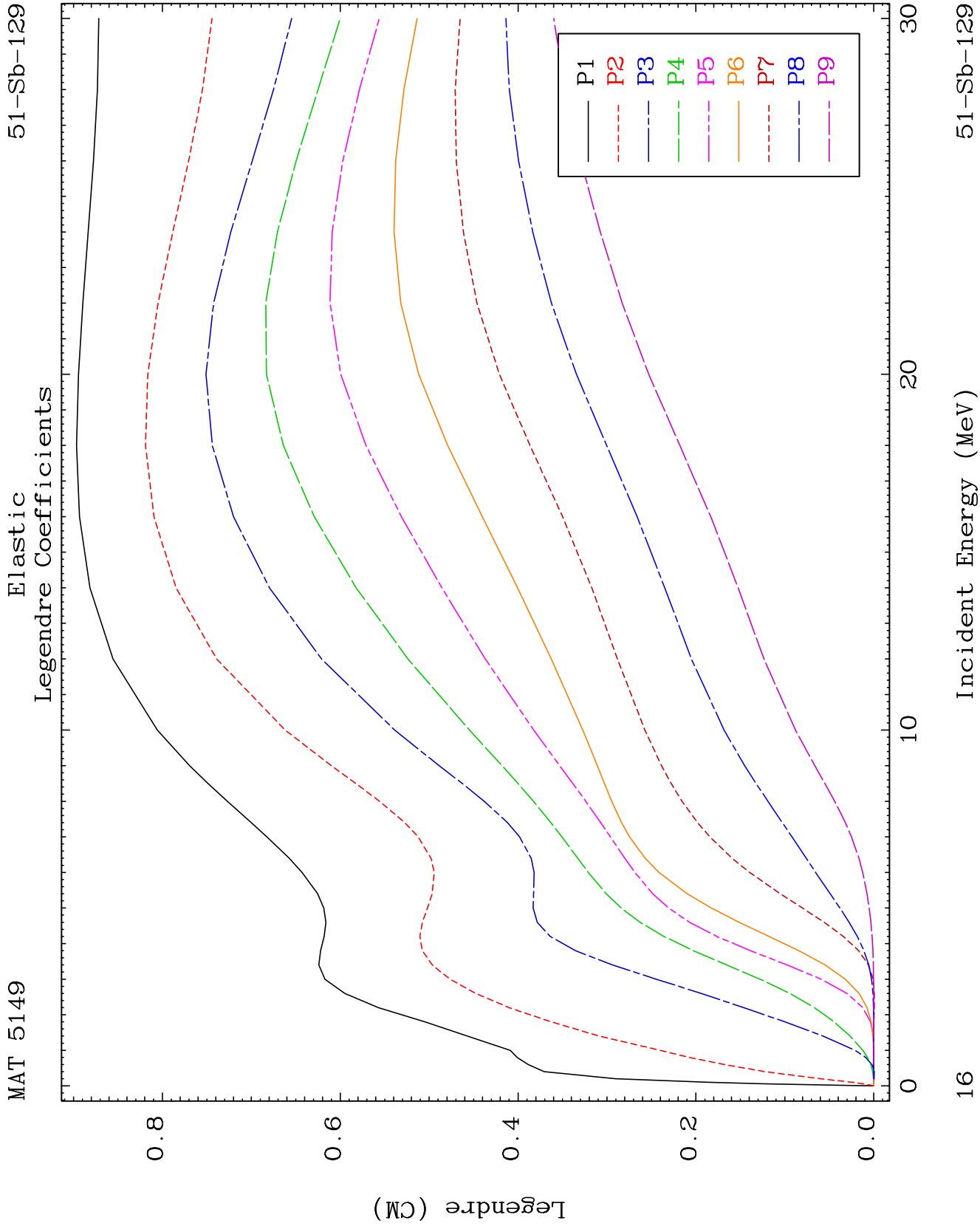
51-Sb-129

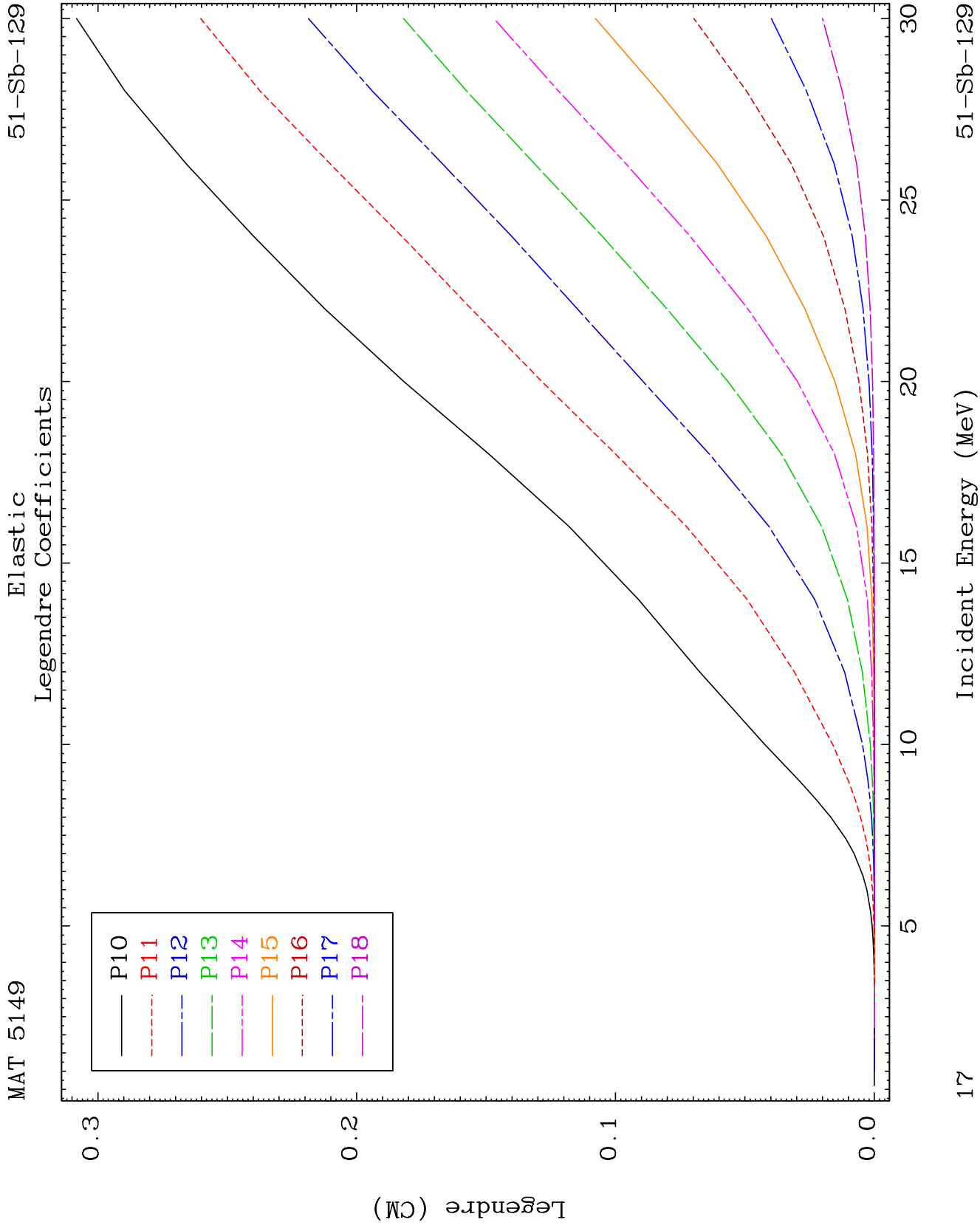


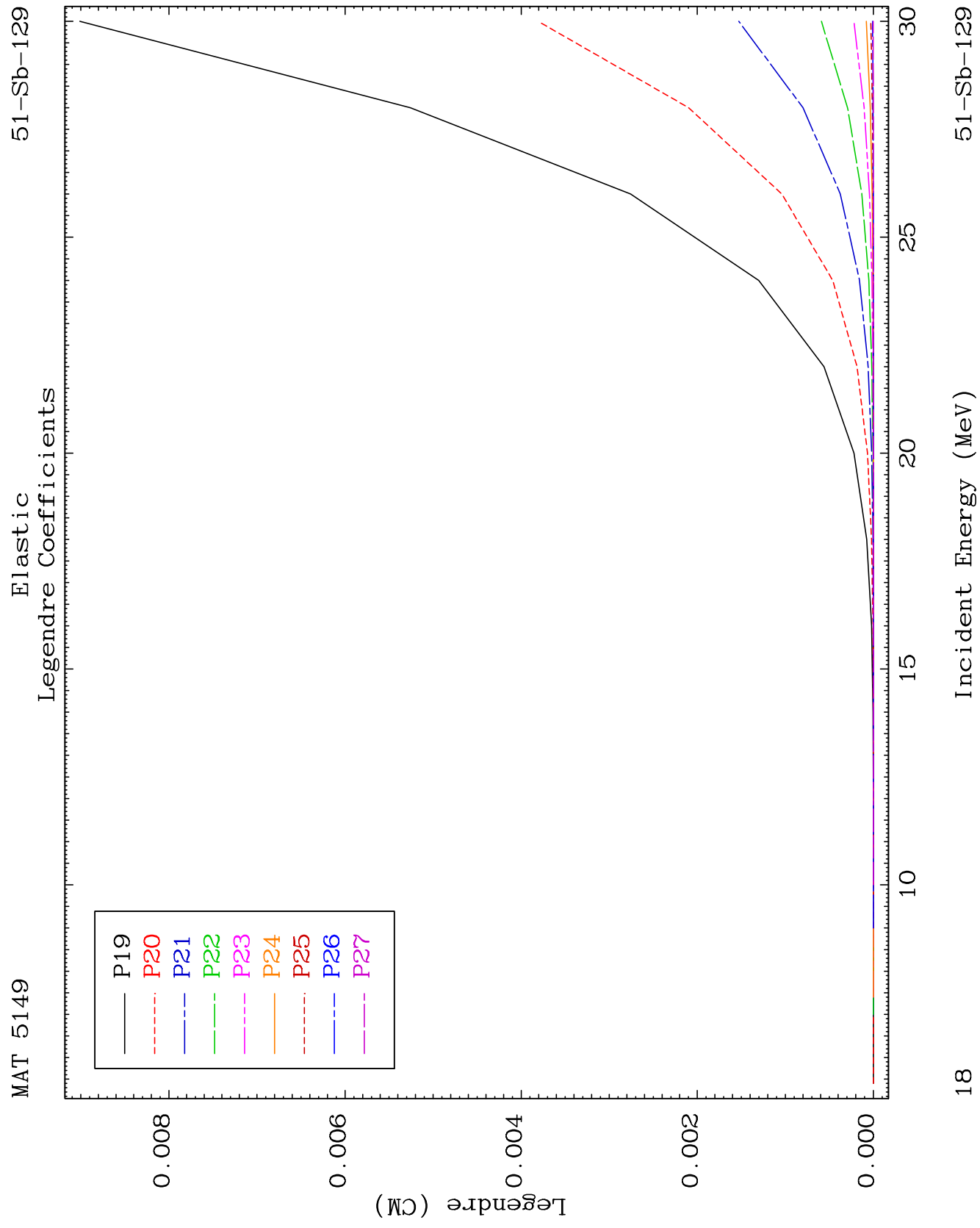
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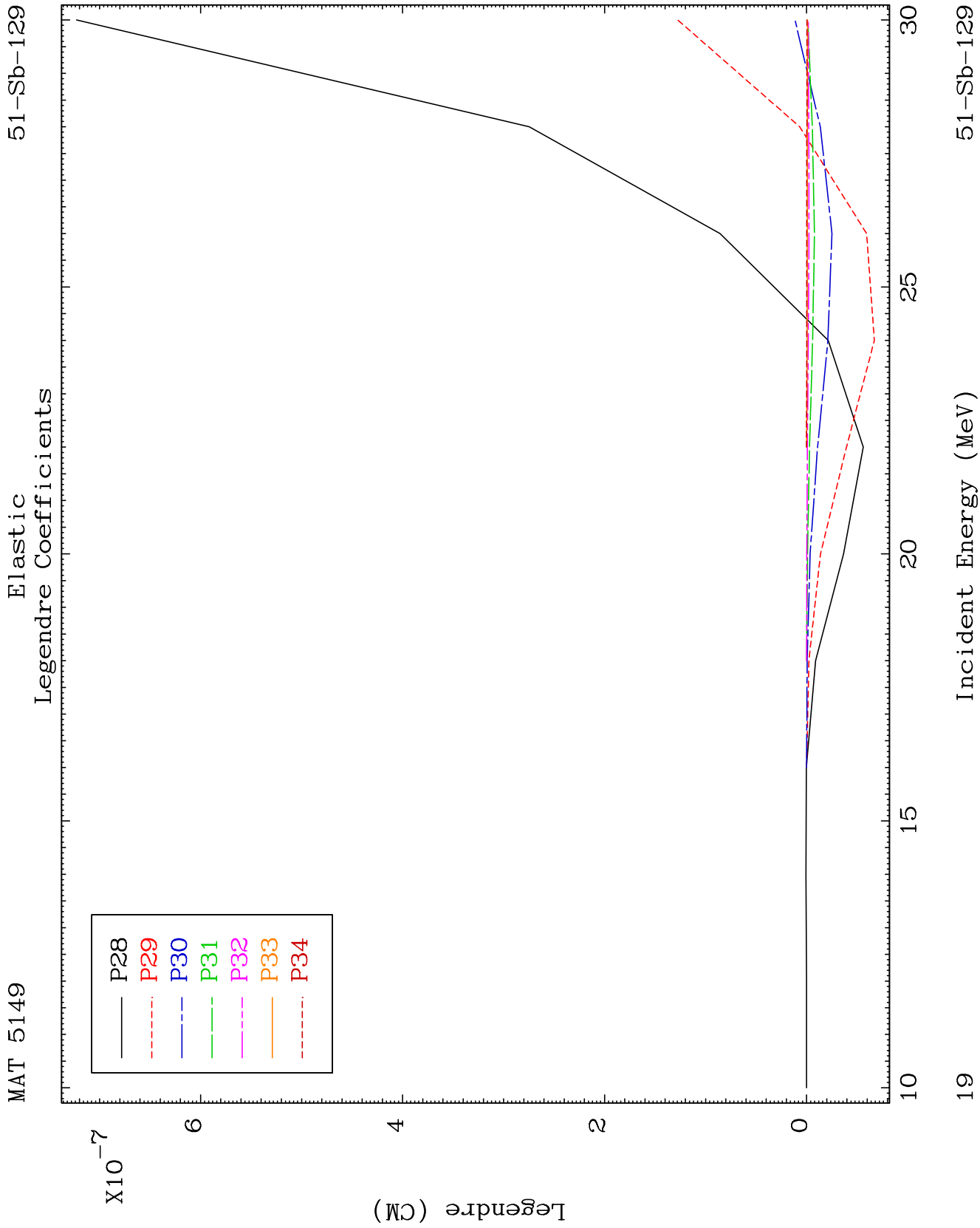
Incident Energy (MeV)

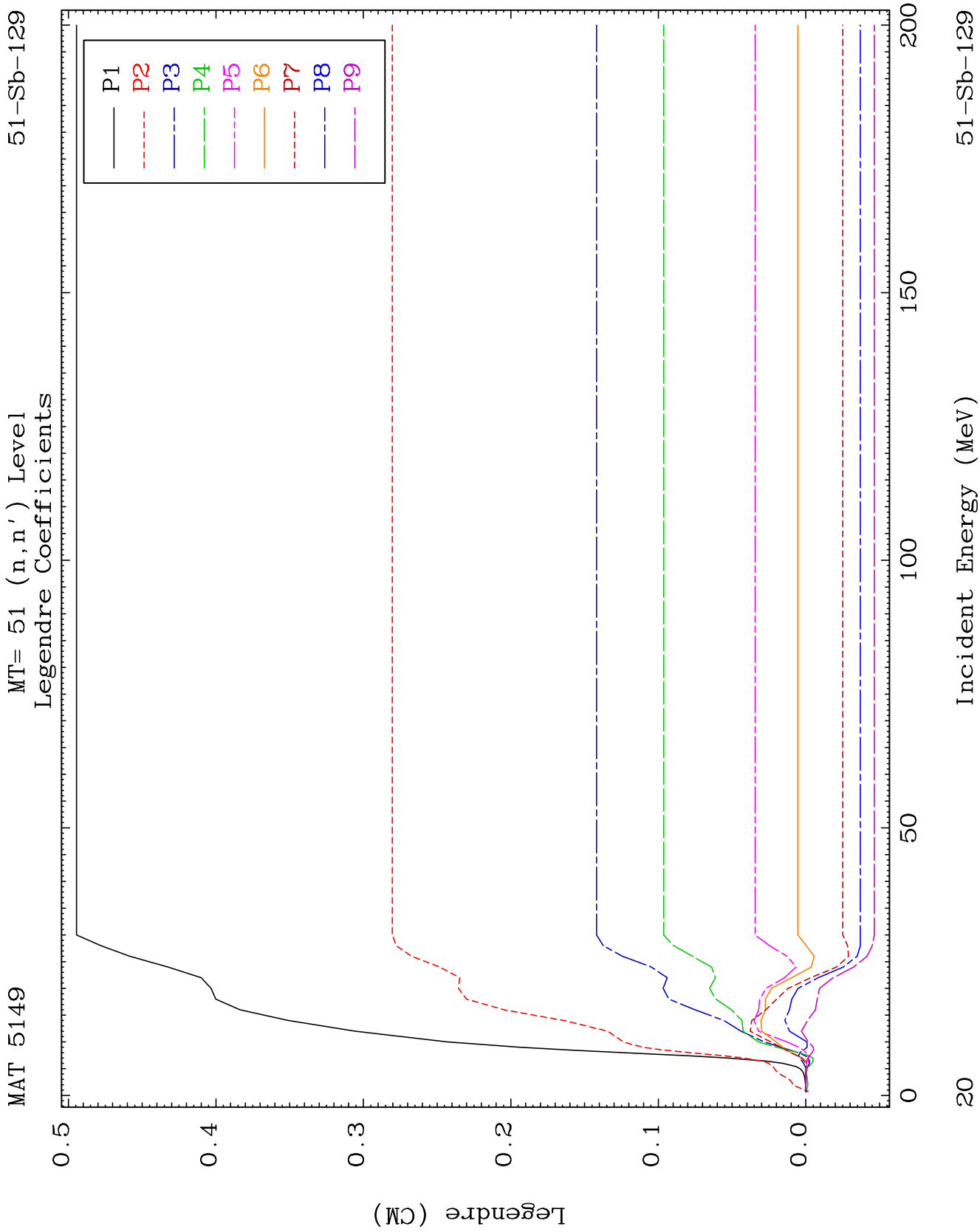
51-Sb-129

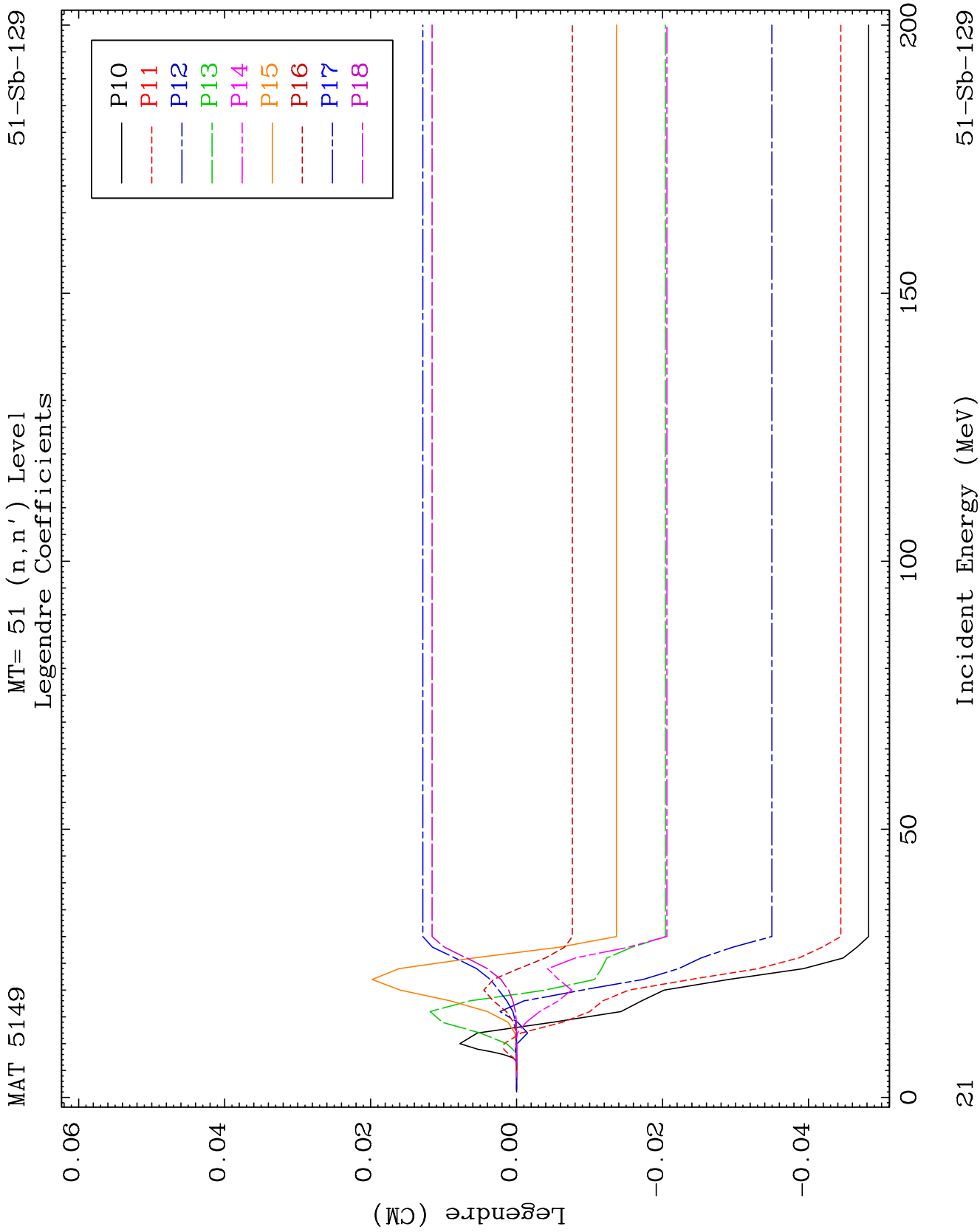


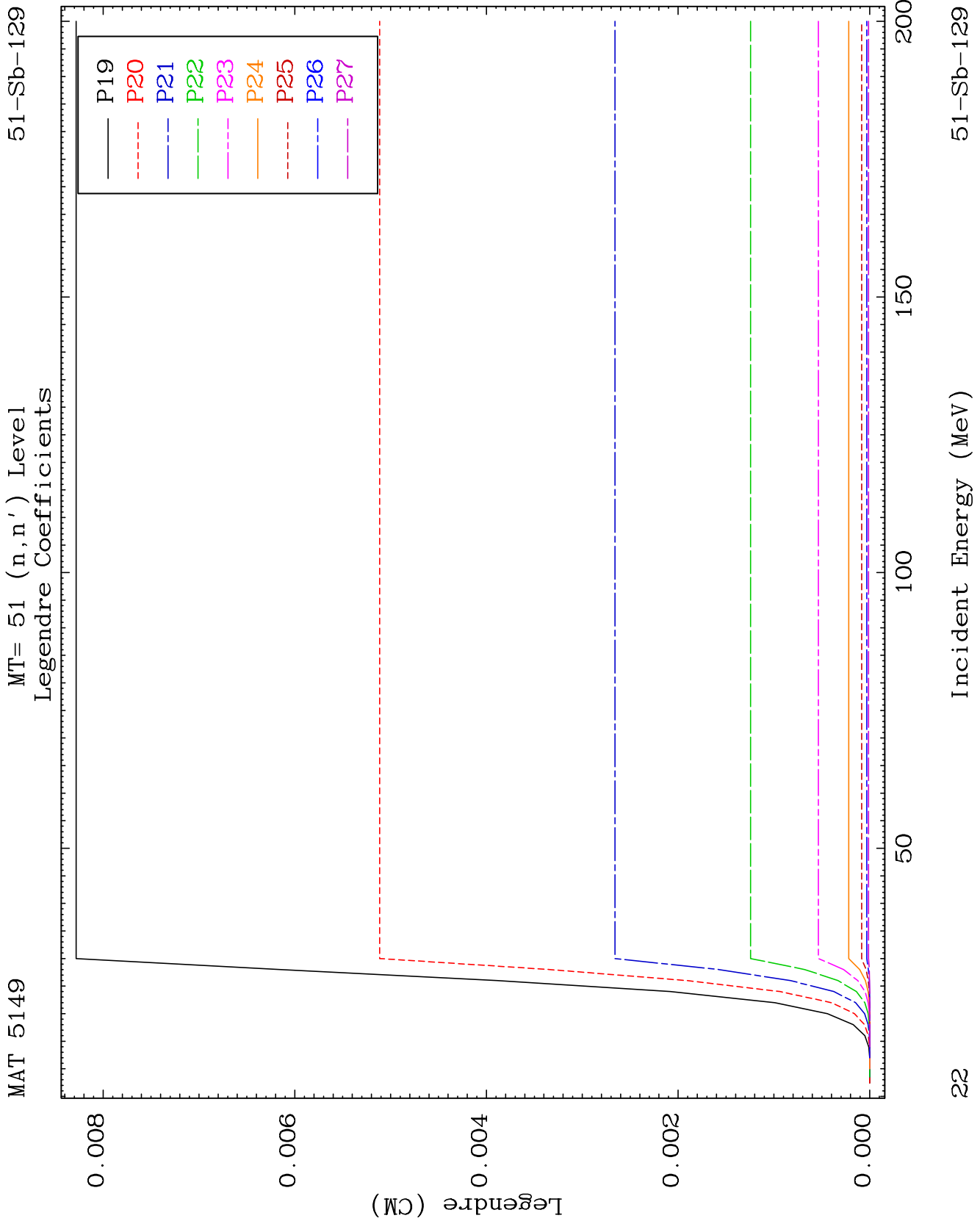


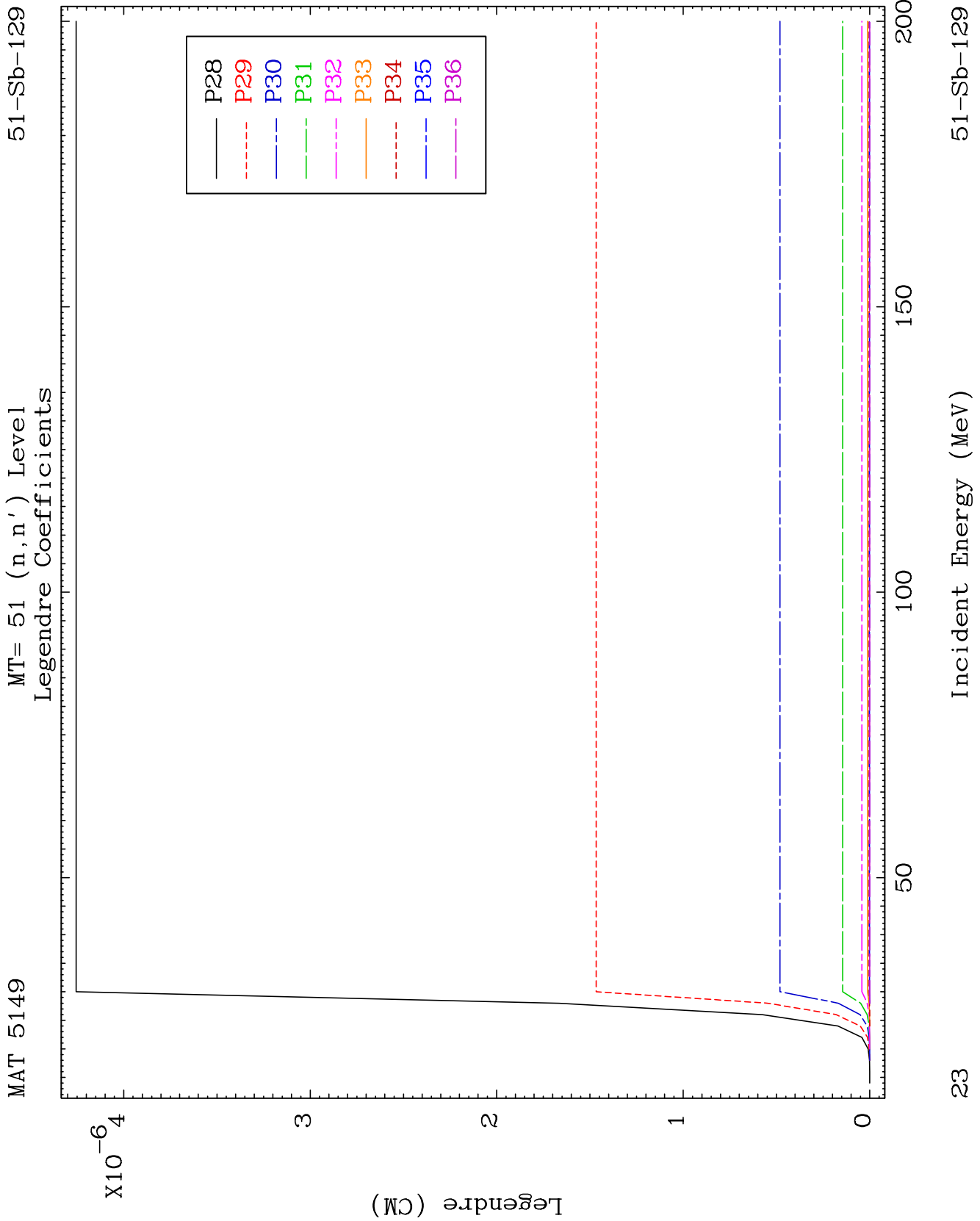


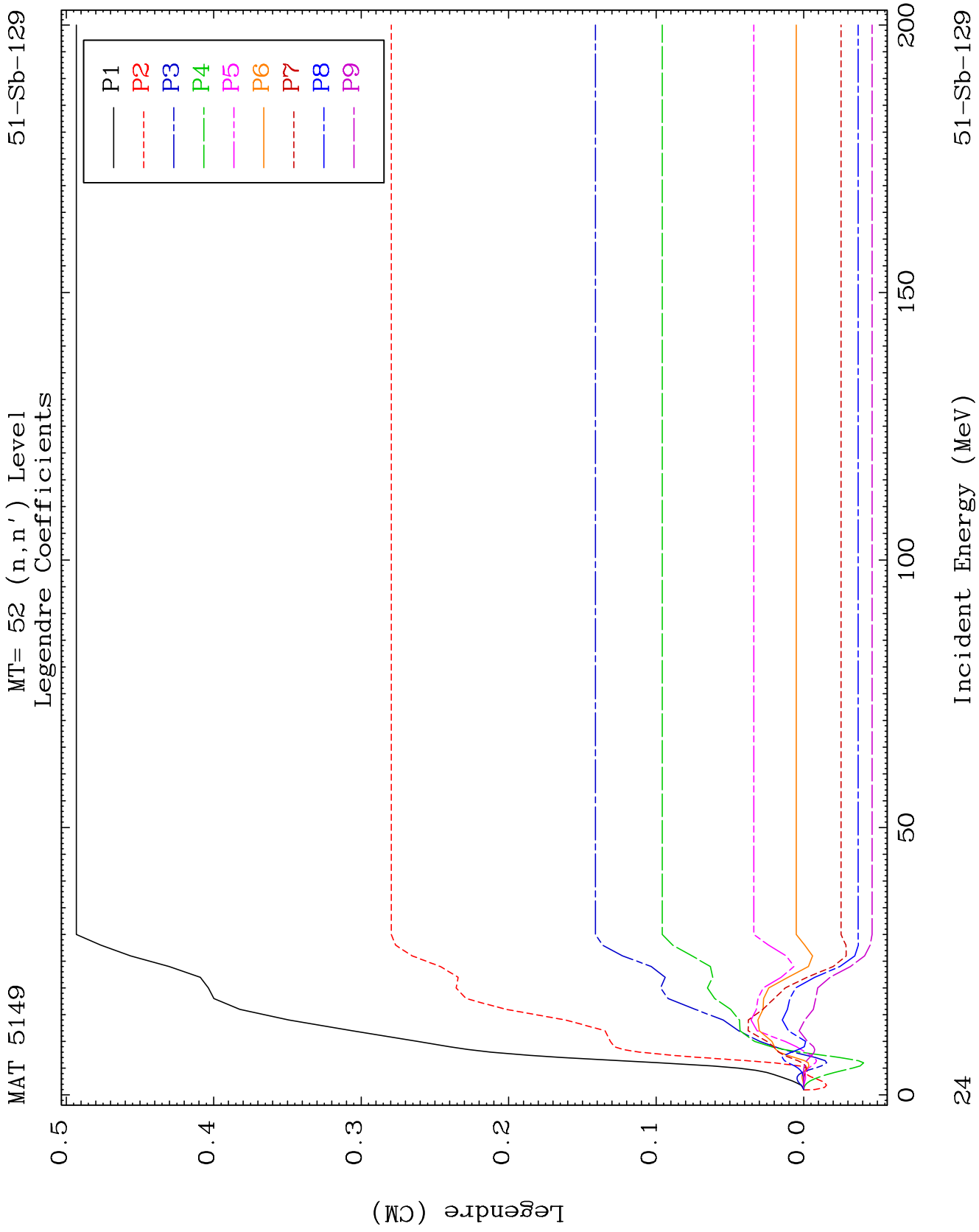


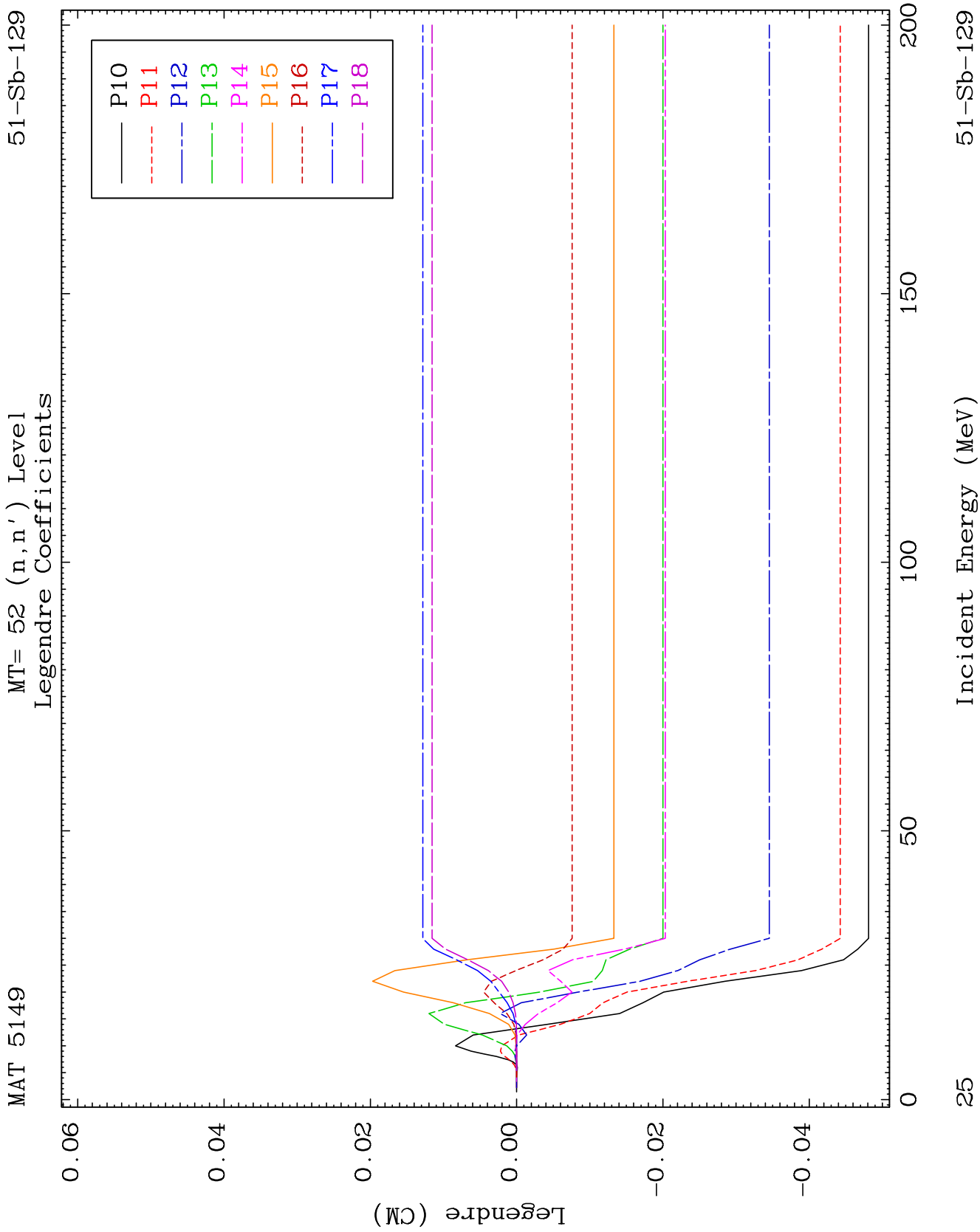


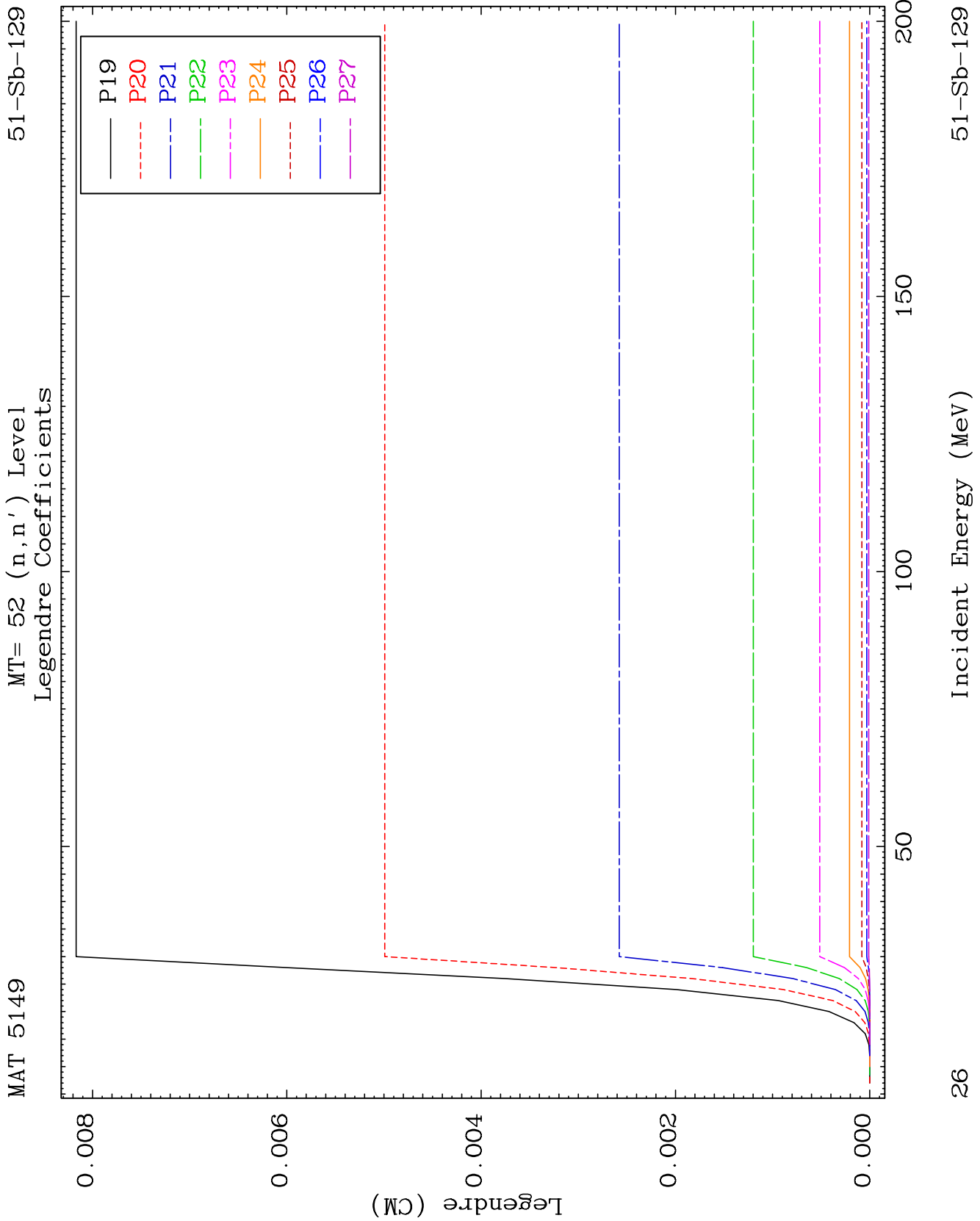


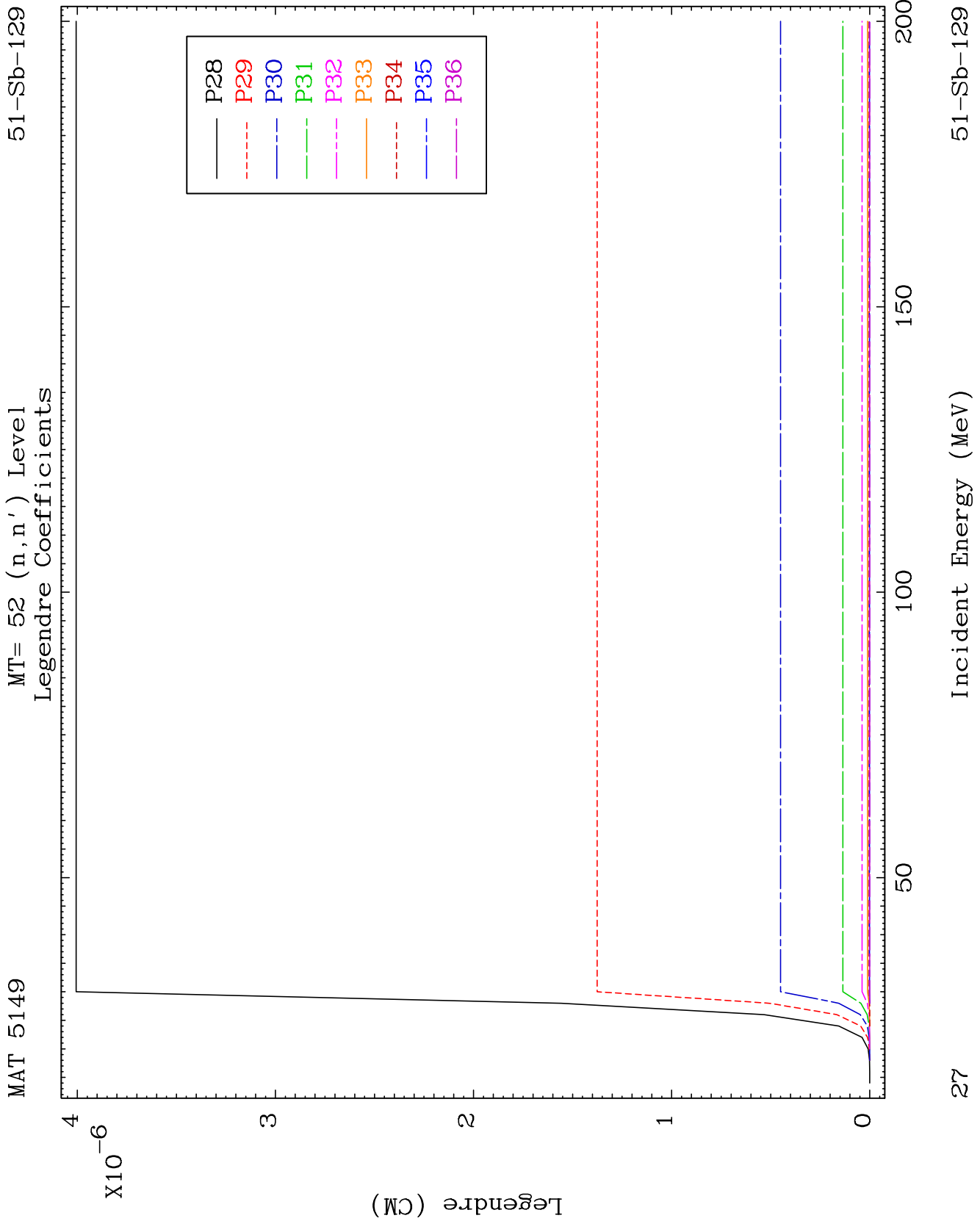


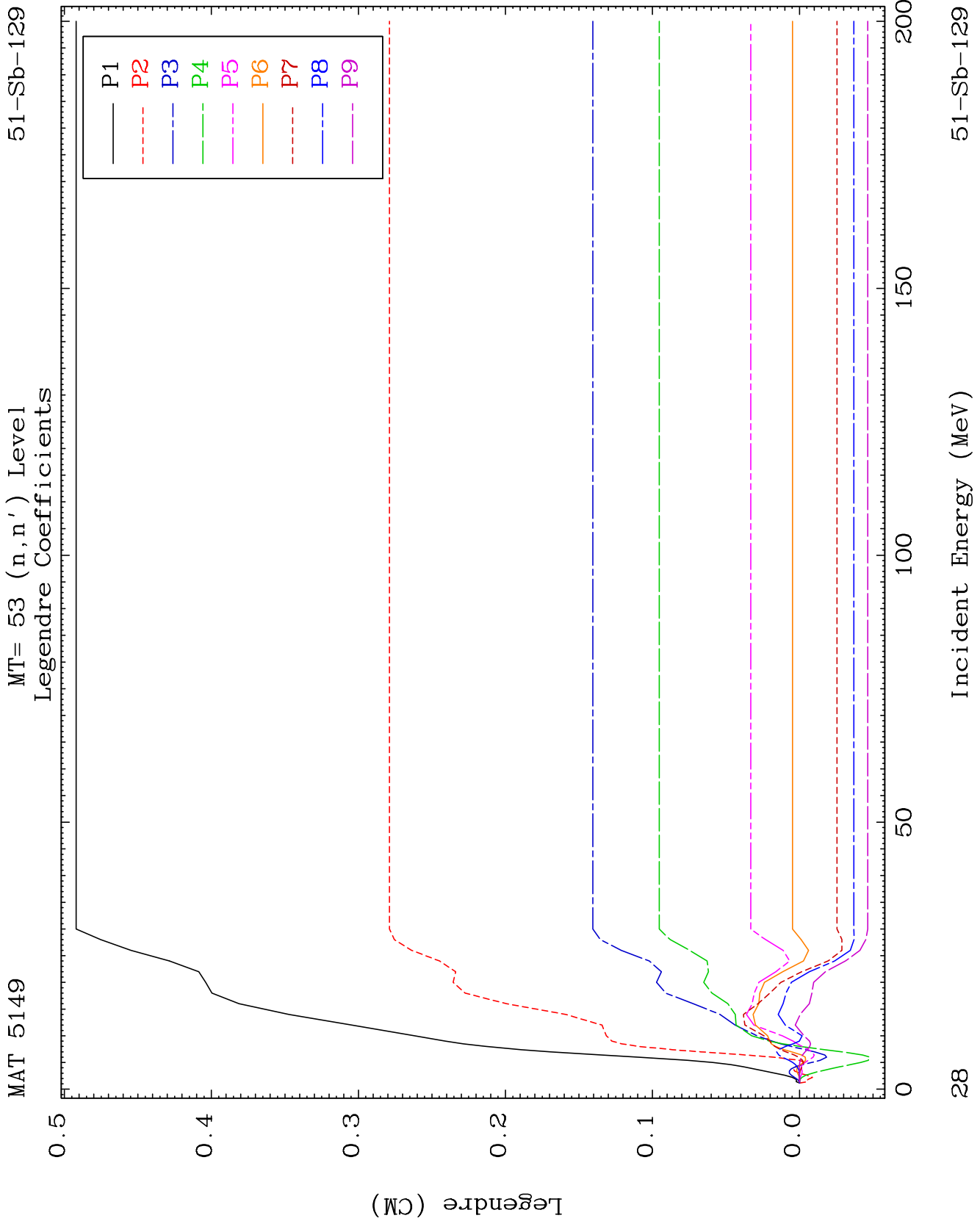








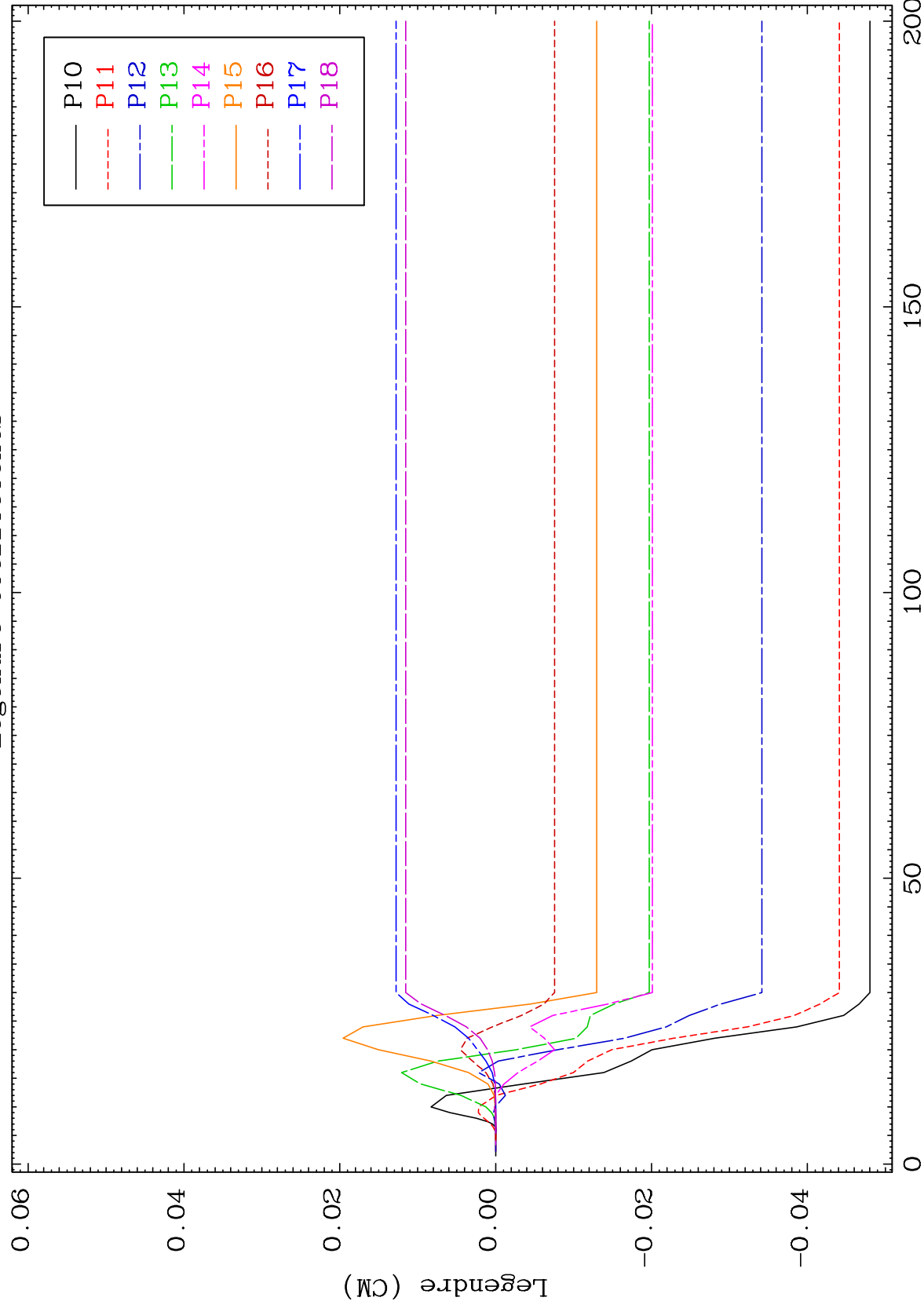




MAT 5149

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

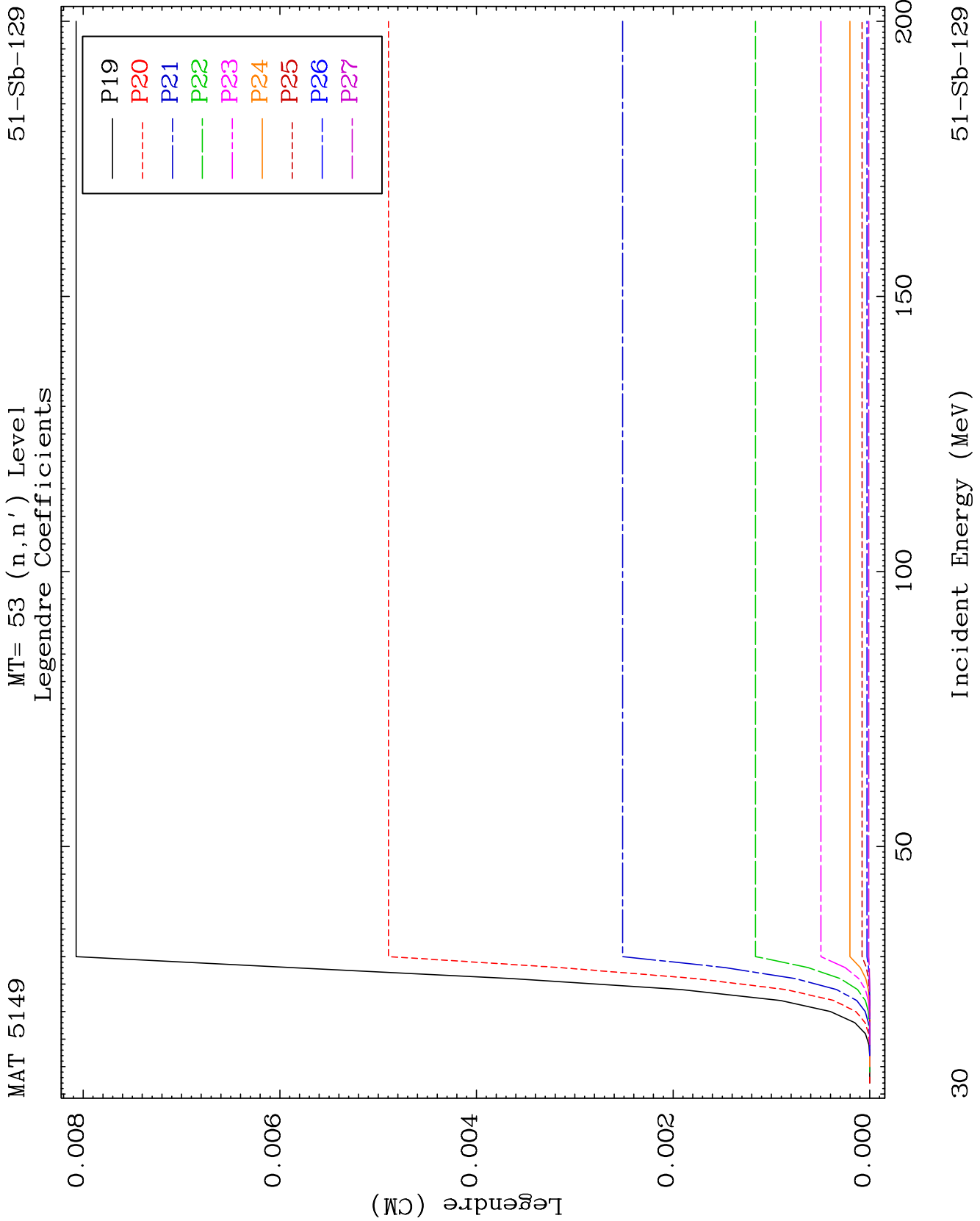
51-Sb-129

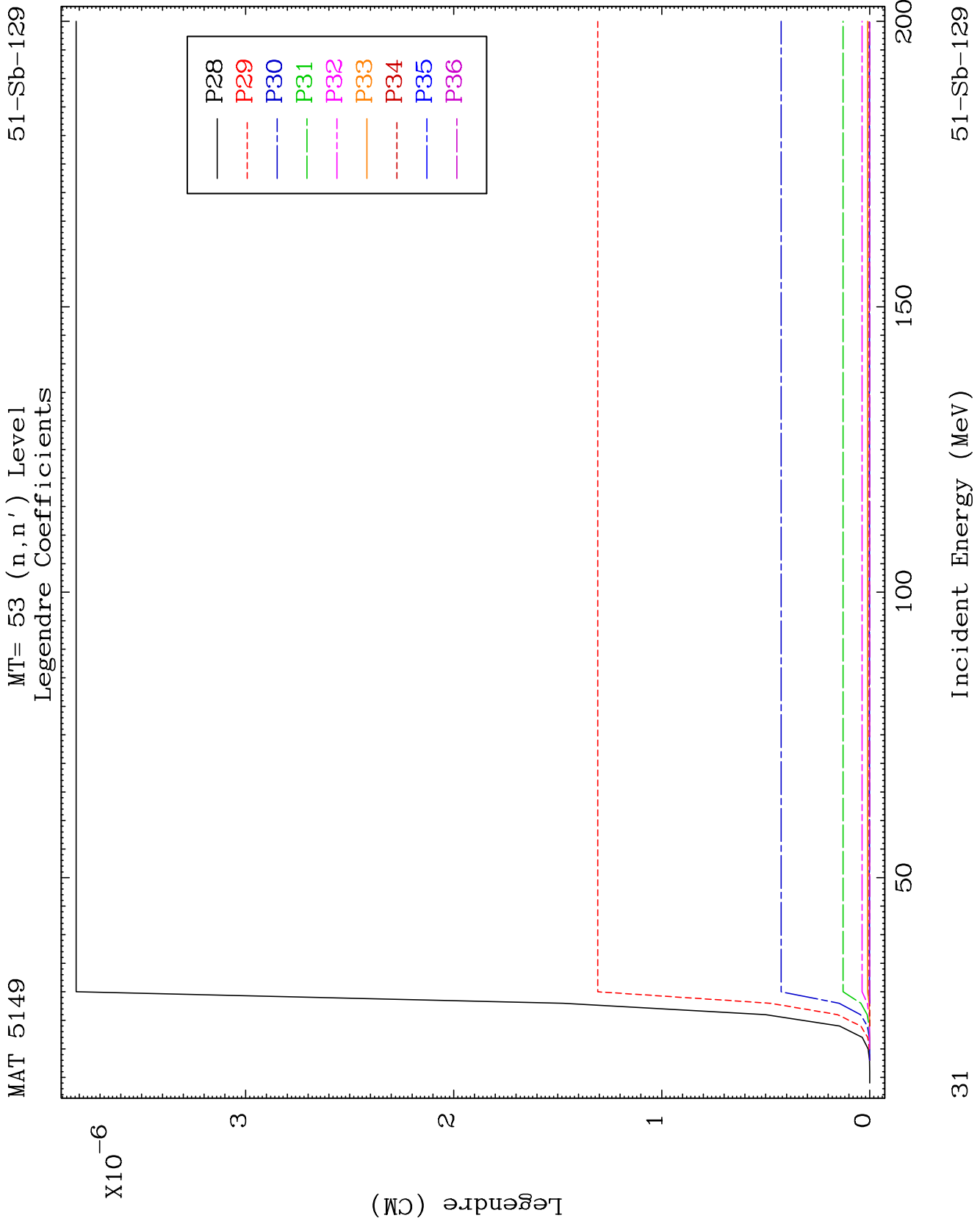


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Incident Energy (MeV)

51-Sb-129



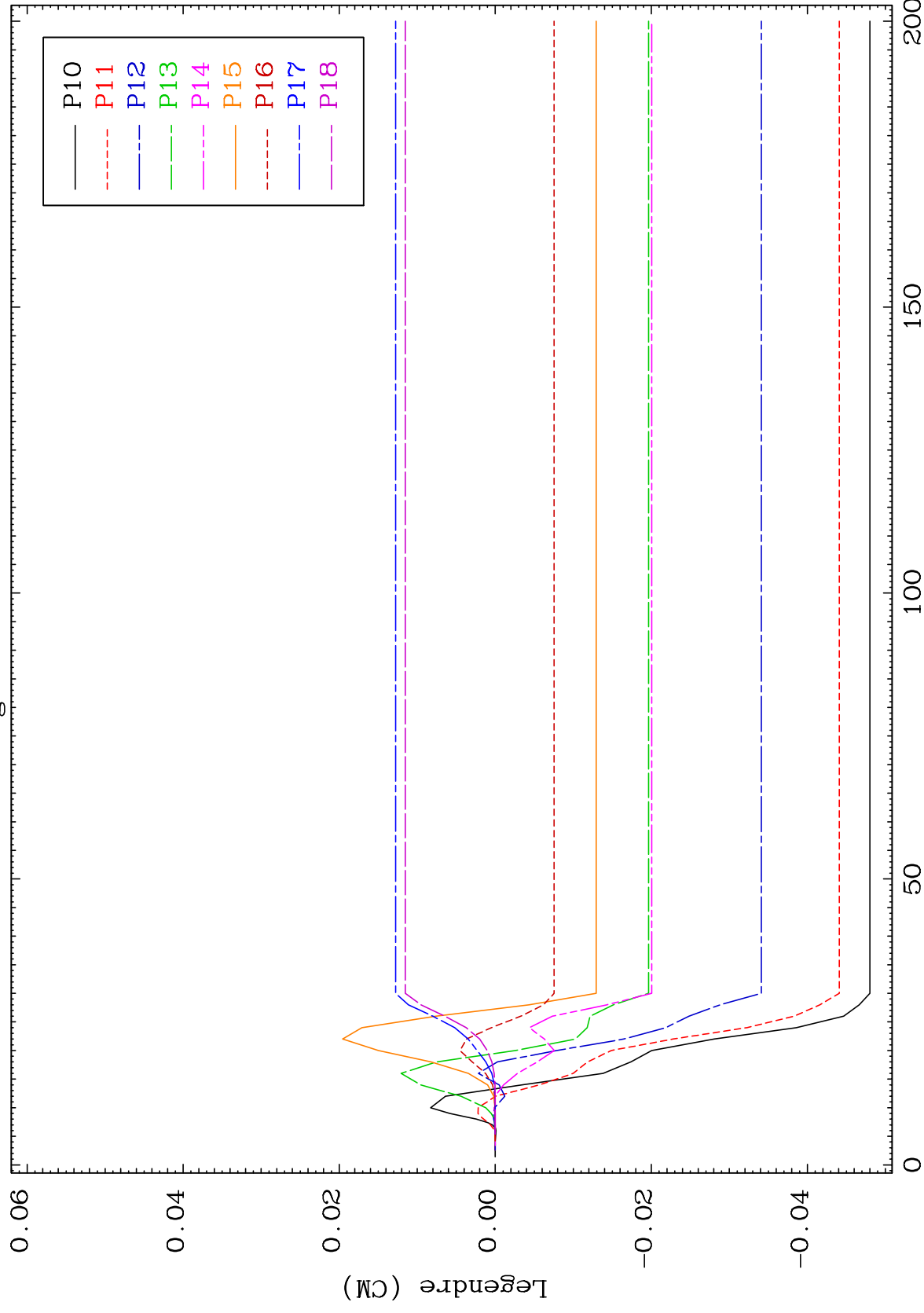




MAT 5149

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

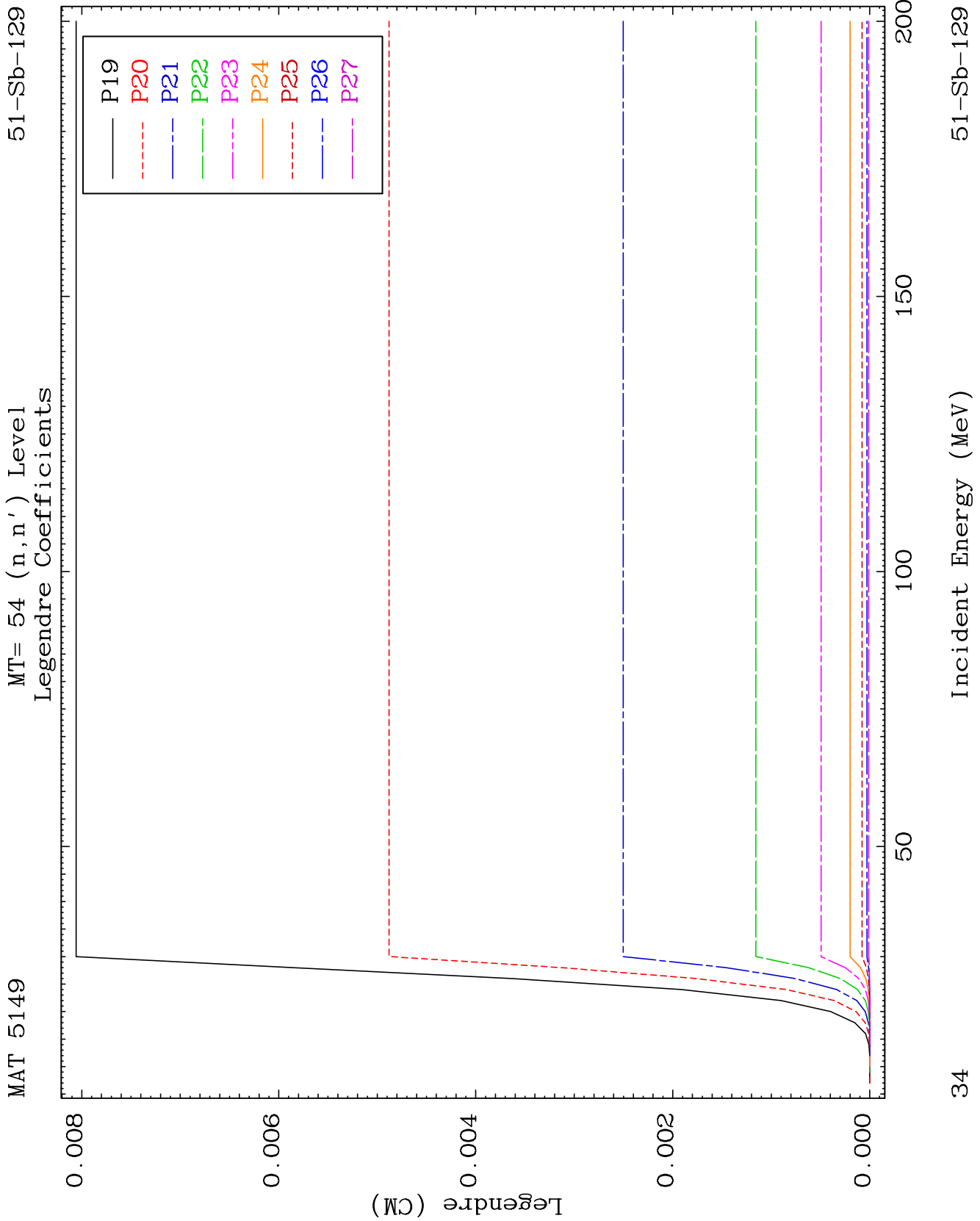
51-Sb-129

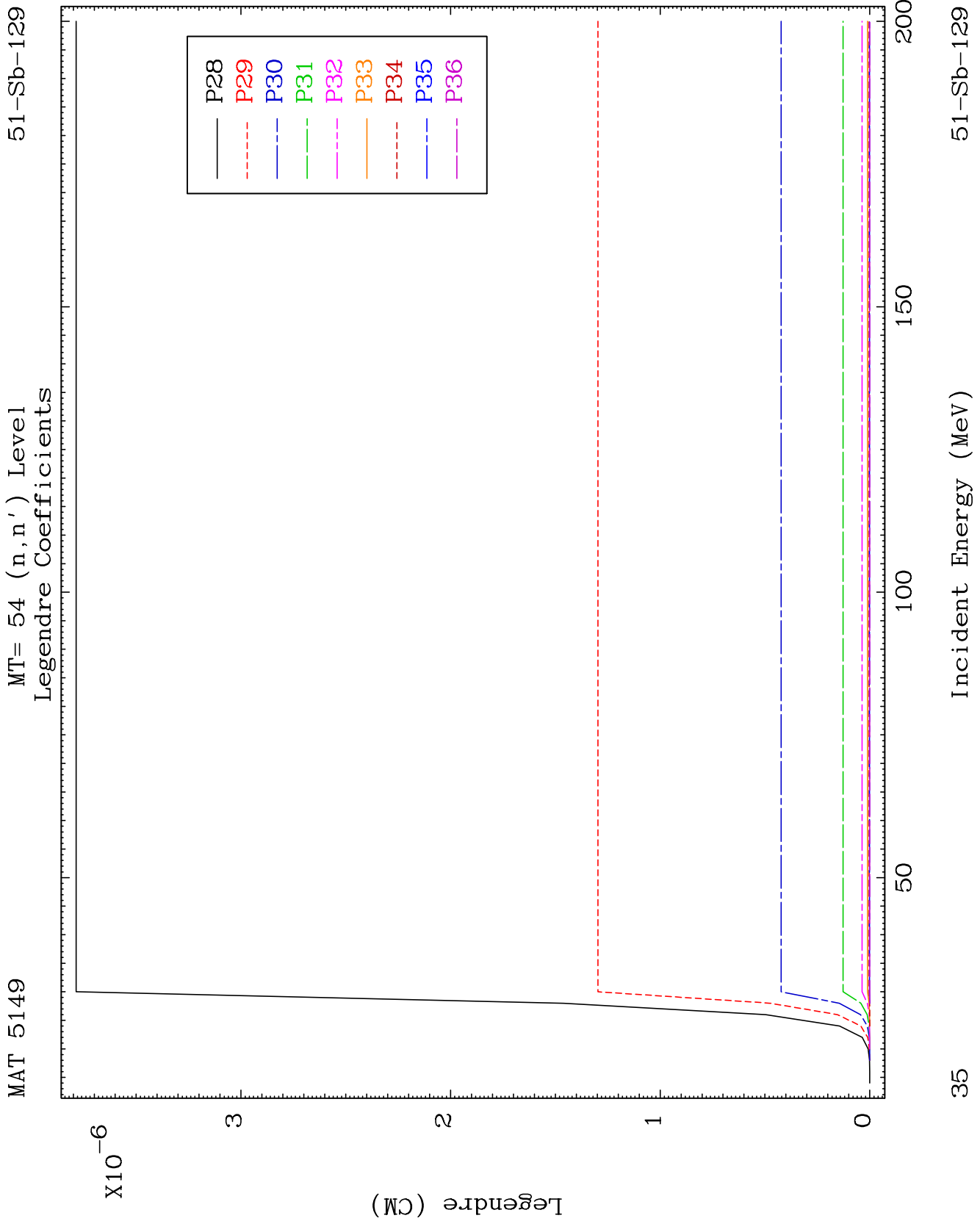


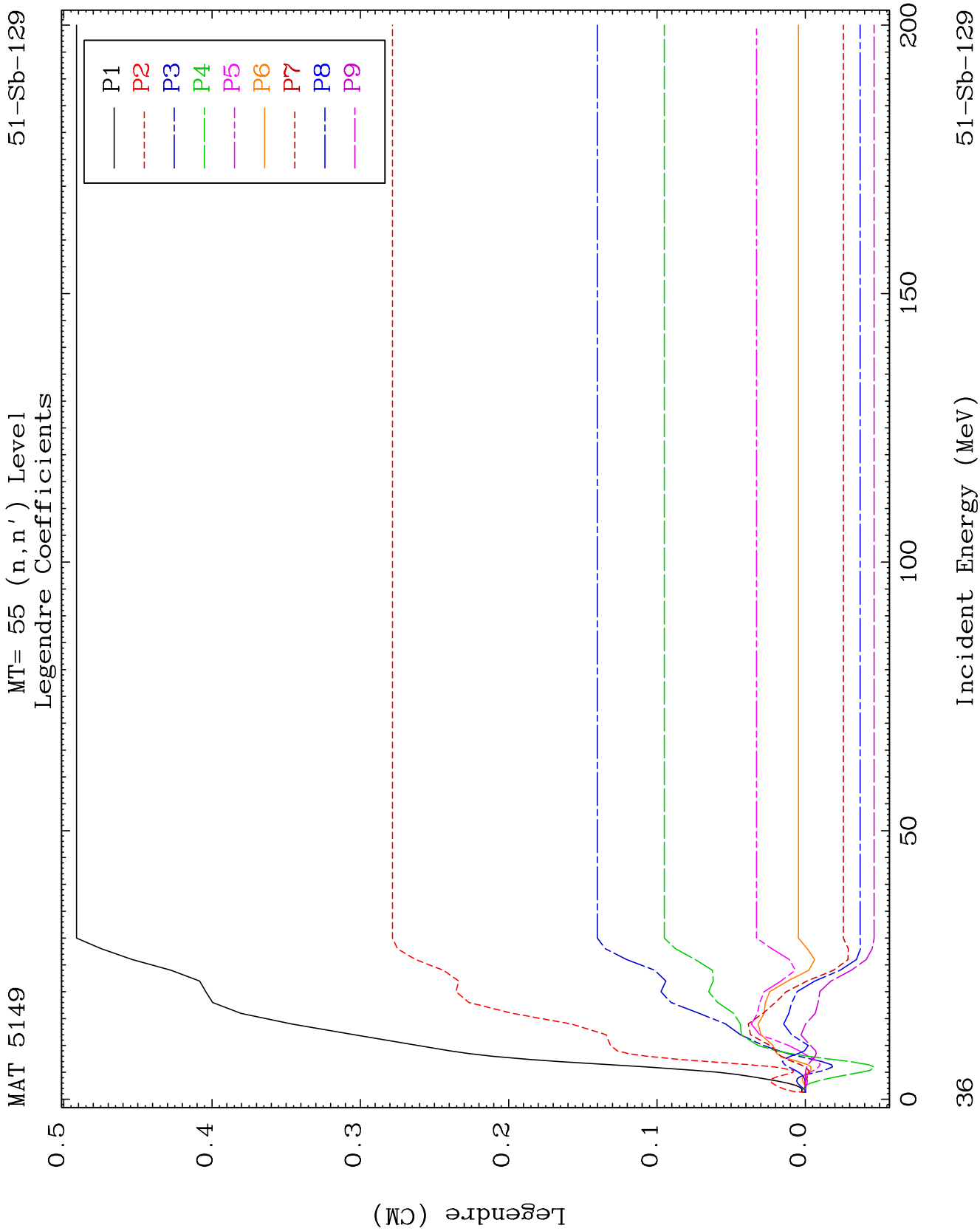
33

Incident Energy (MeV)

51-Sb-129



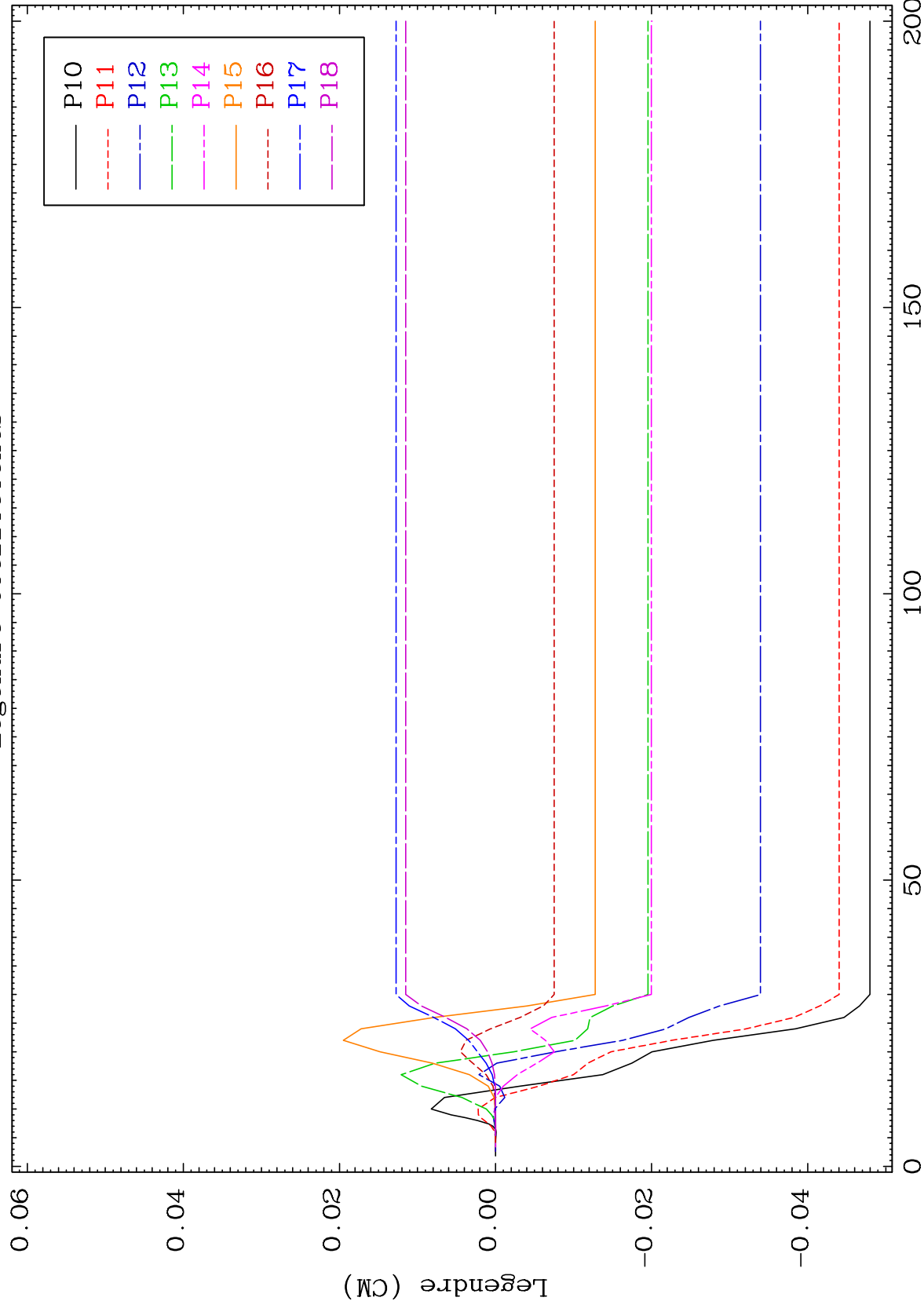




MAT 5149

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

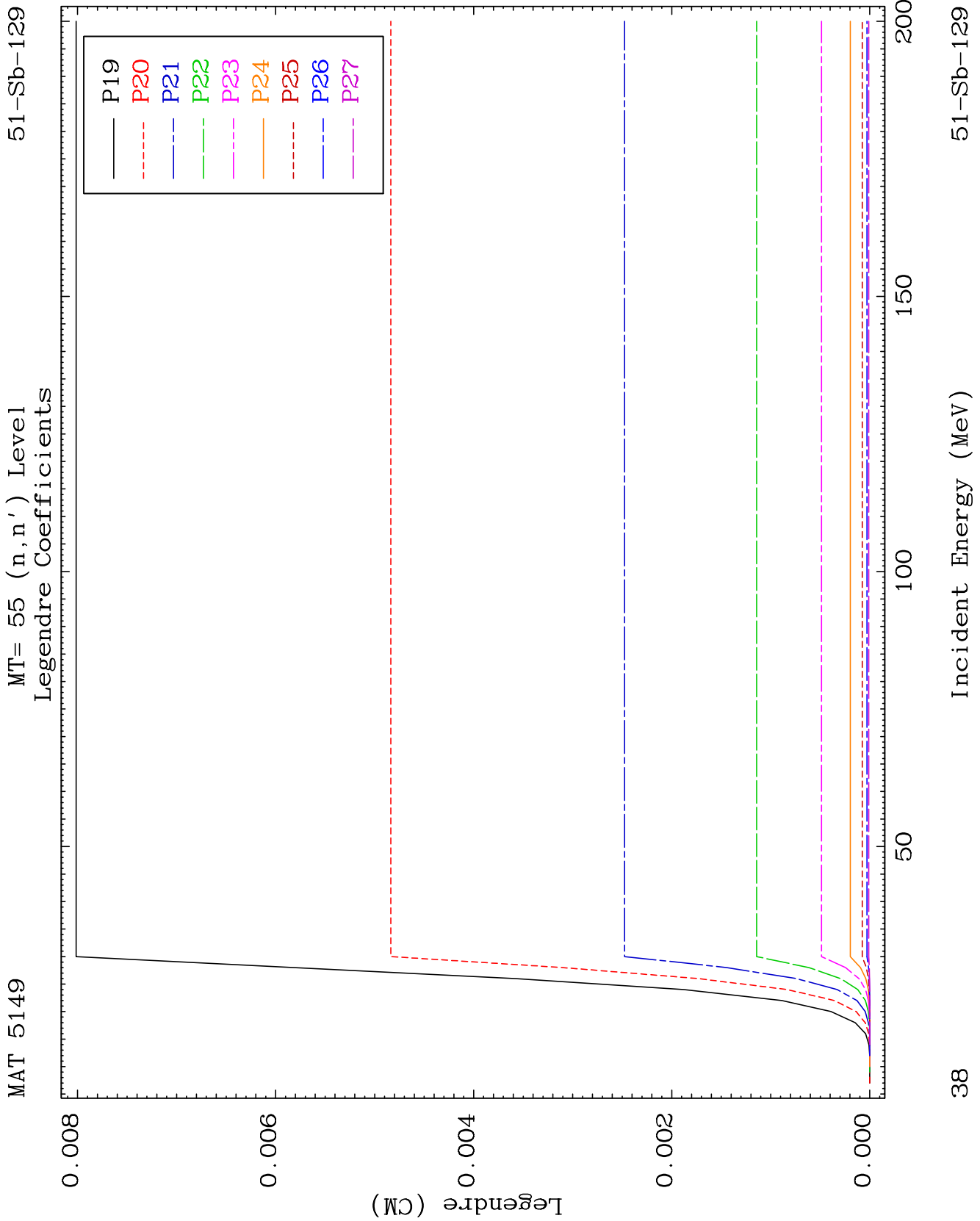
51-Sb-129

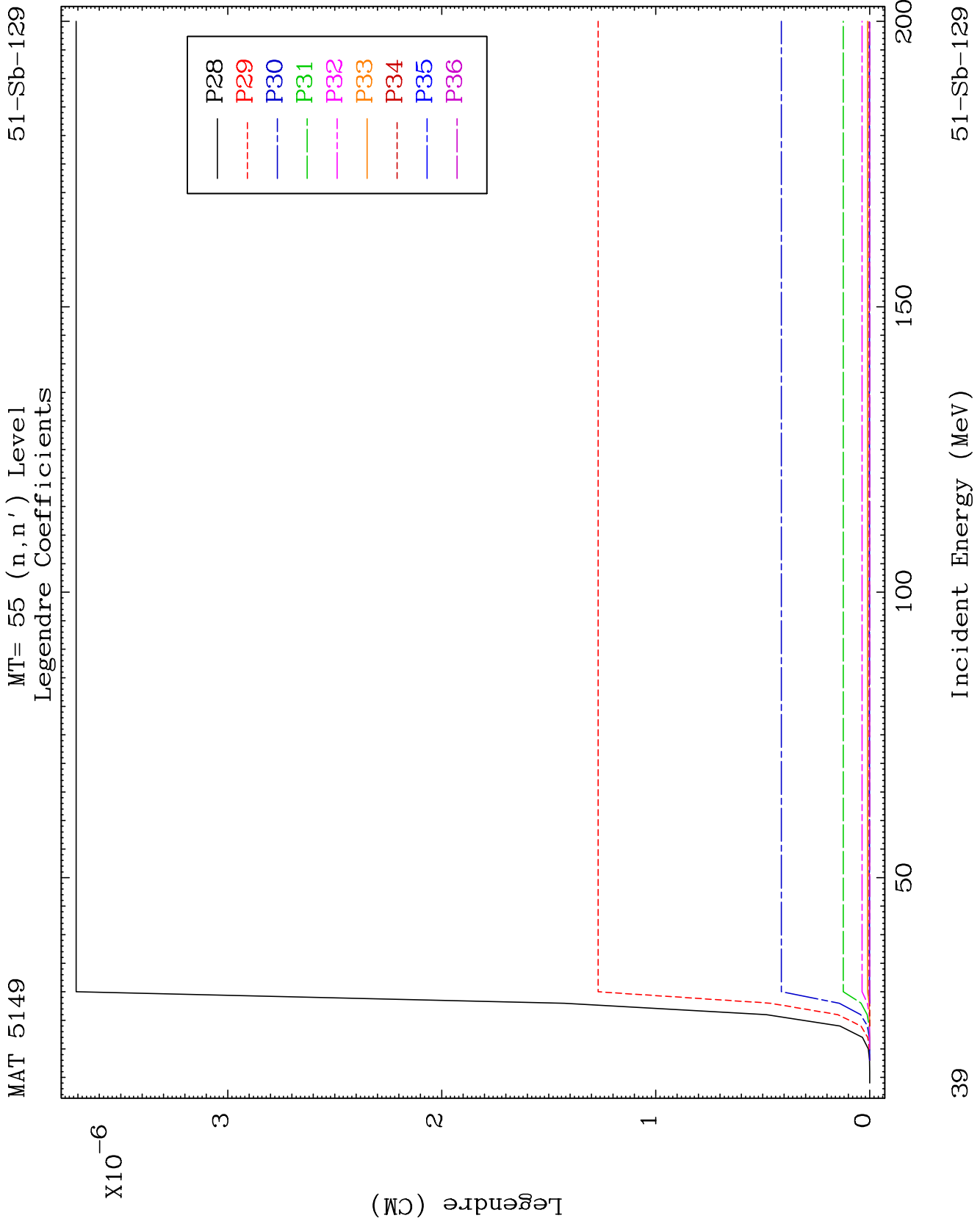


32

Incident Energy (MeV)

51-Sb-129

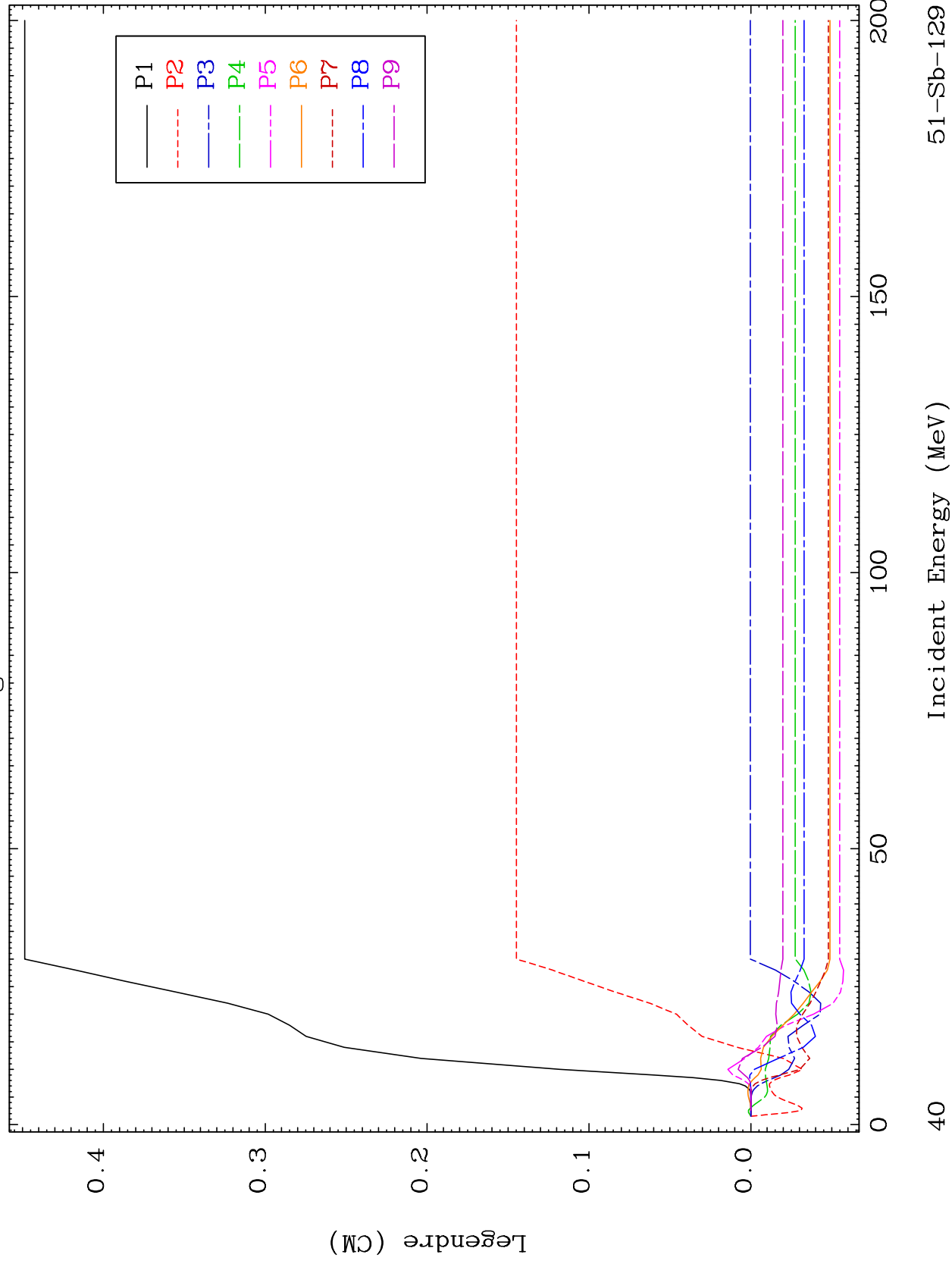


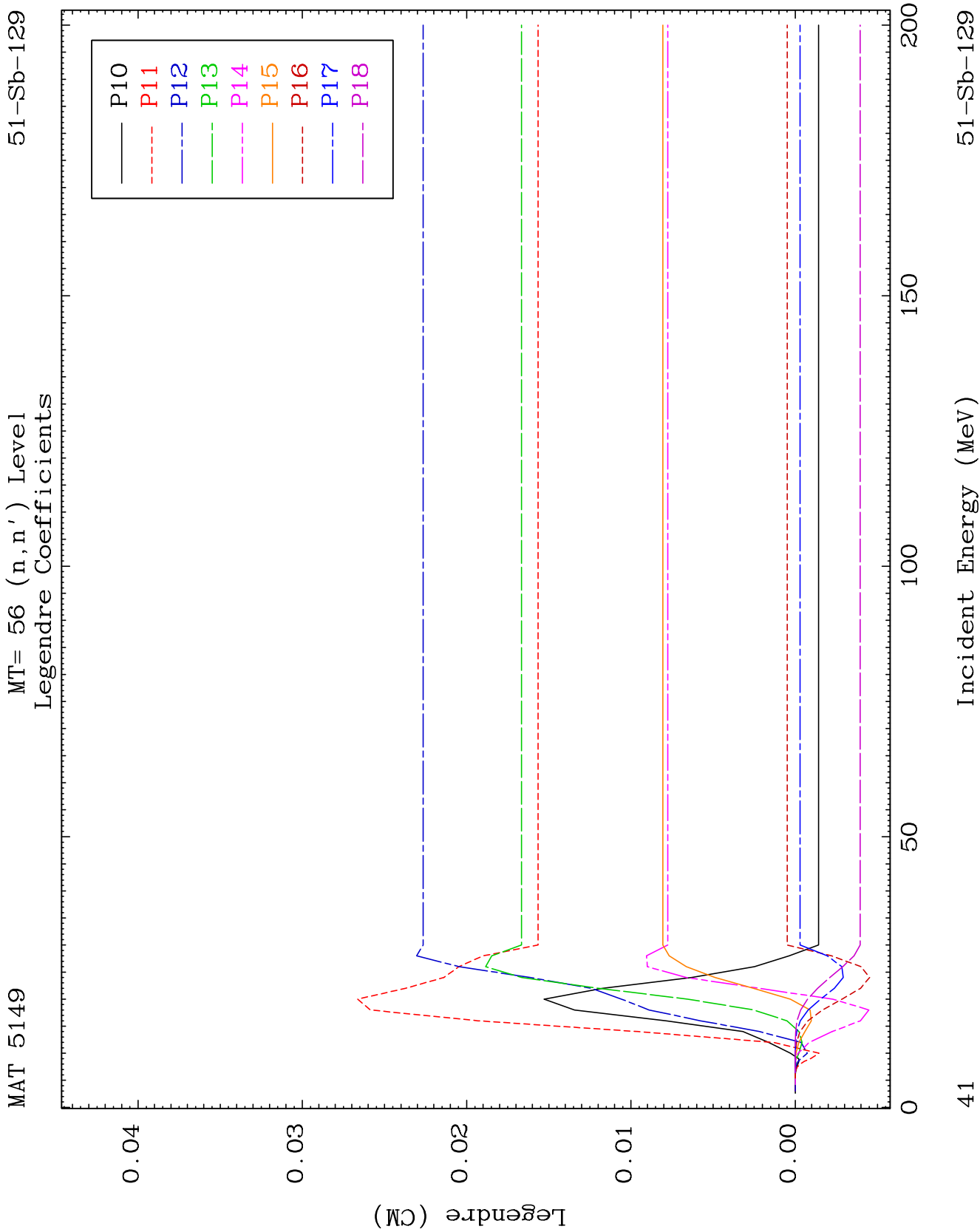


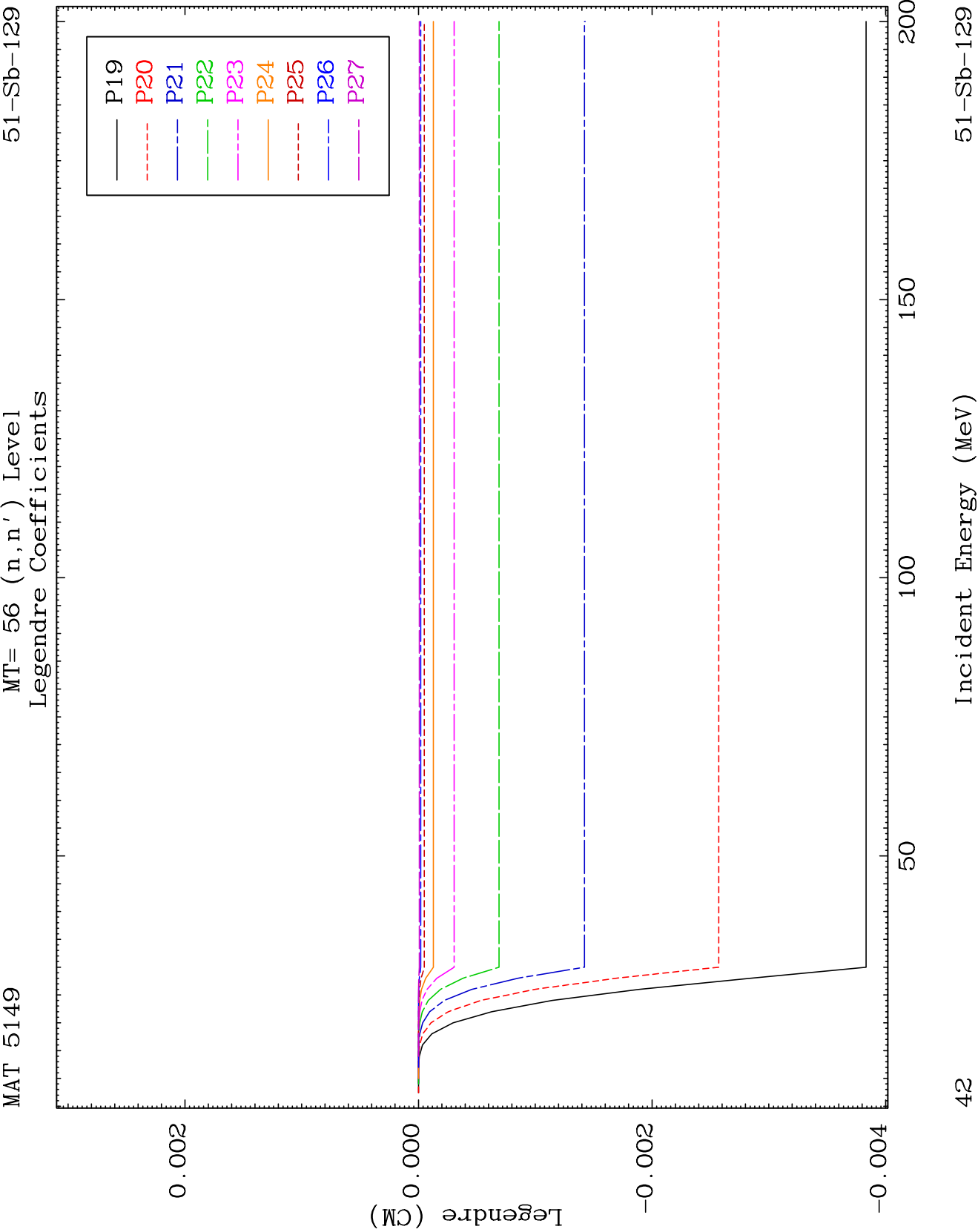
MAT 5149

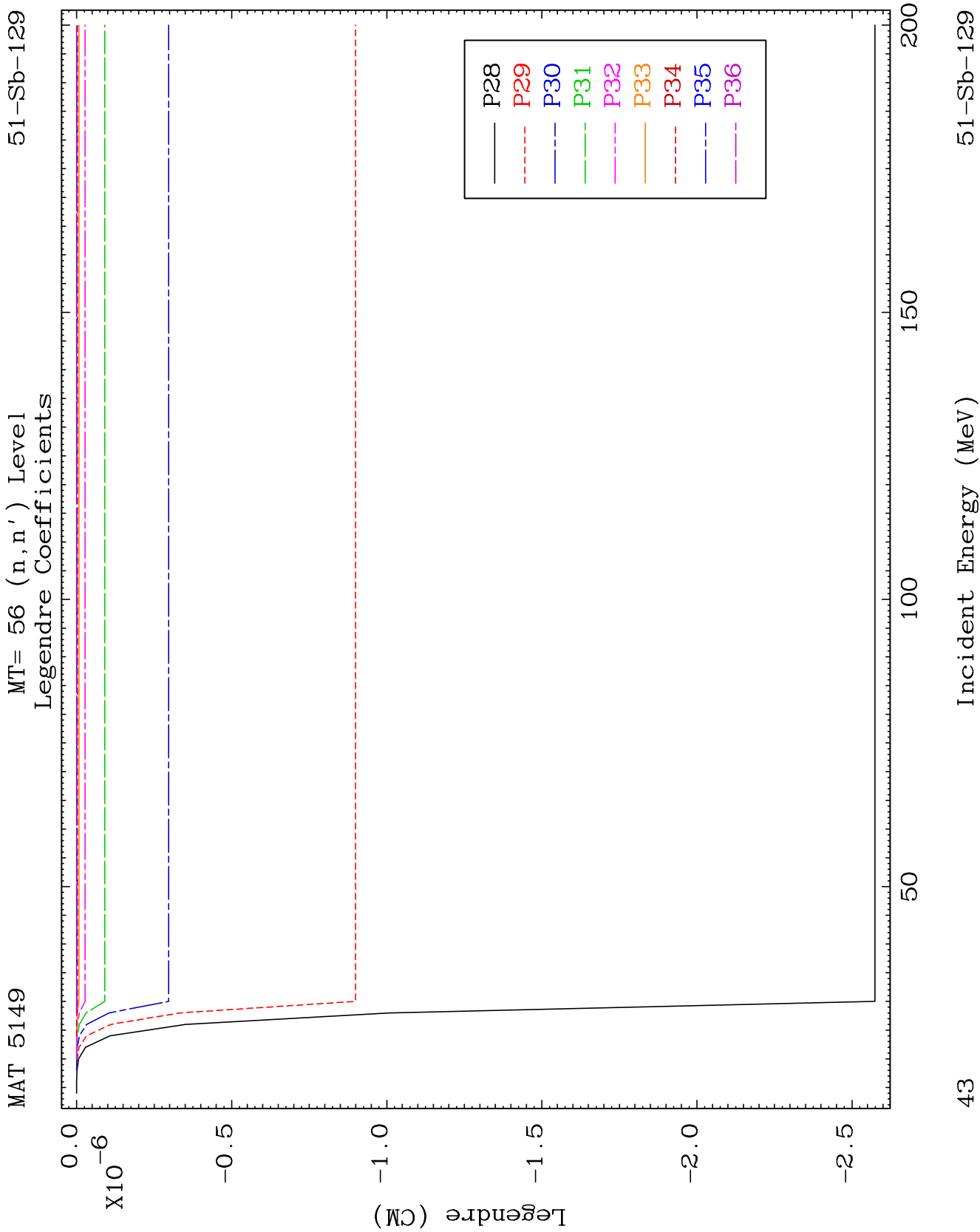
MT= 56 (n, n') Level  
Legendre Coefficients

51-Sb-129



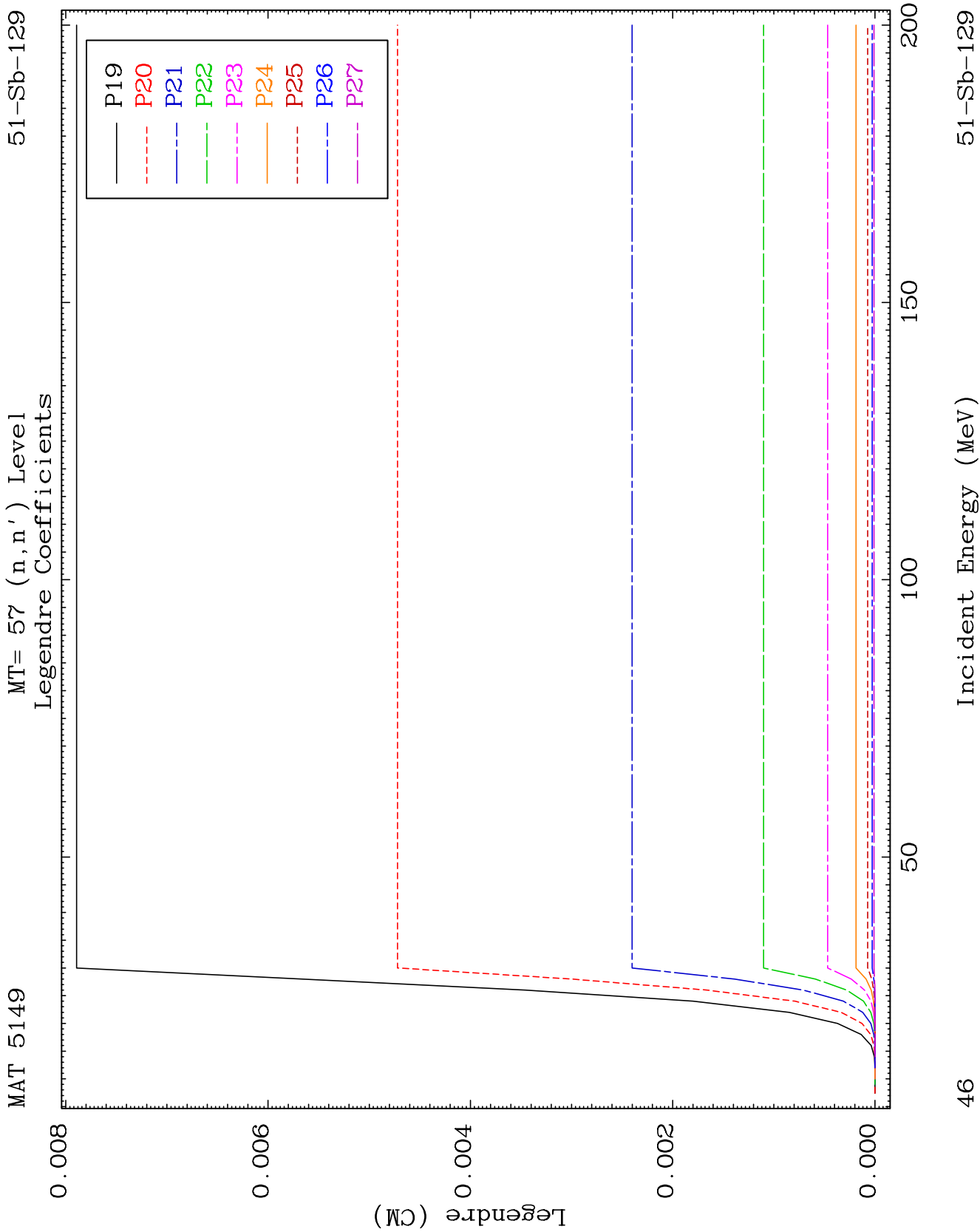


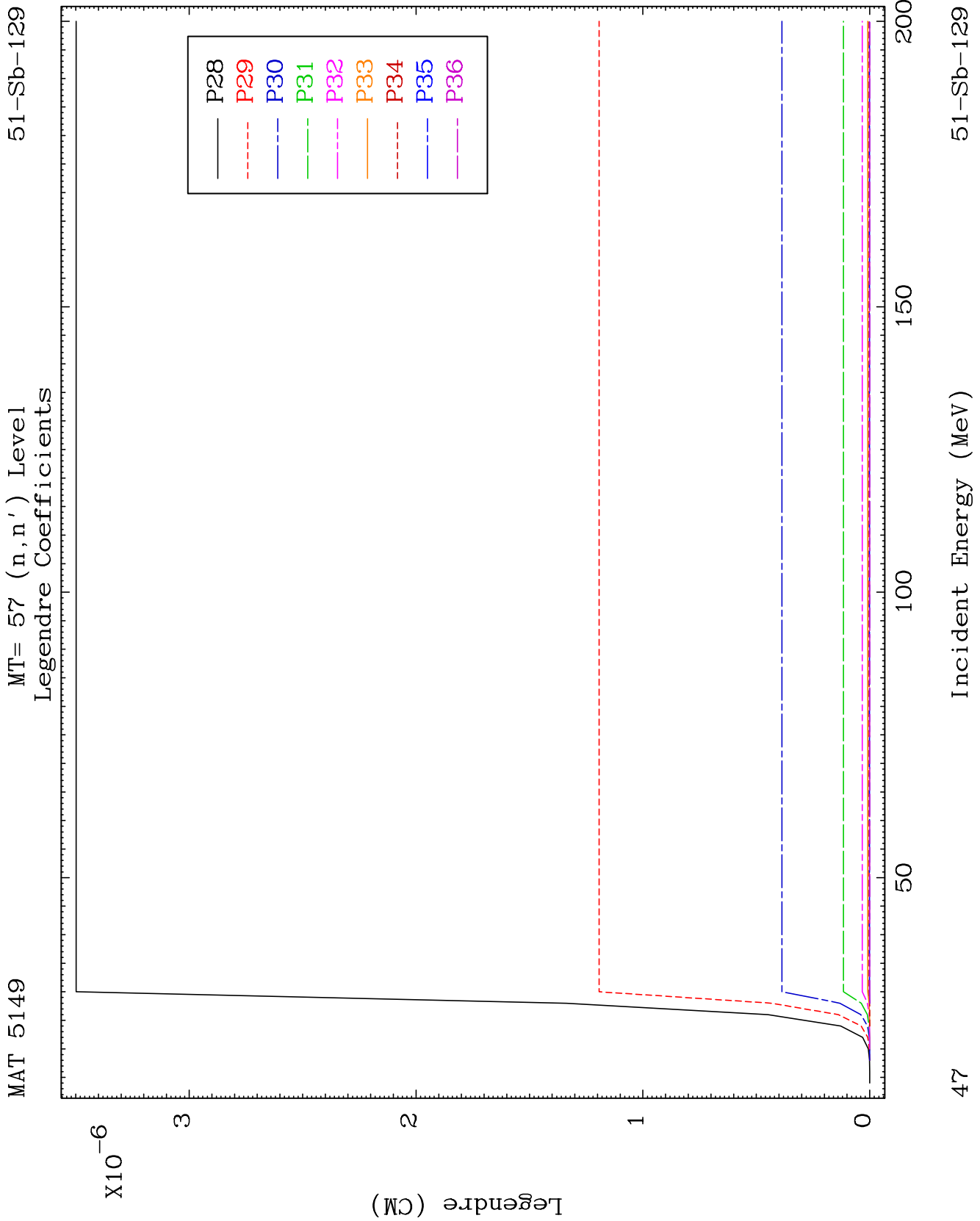


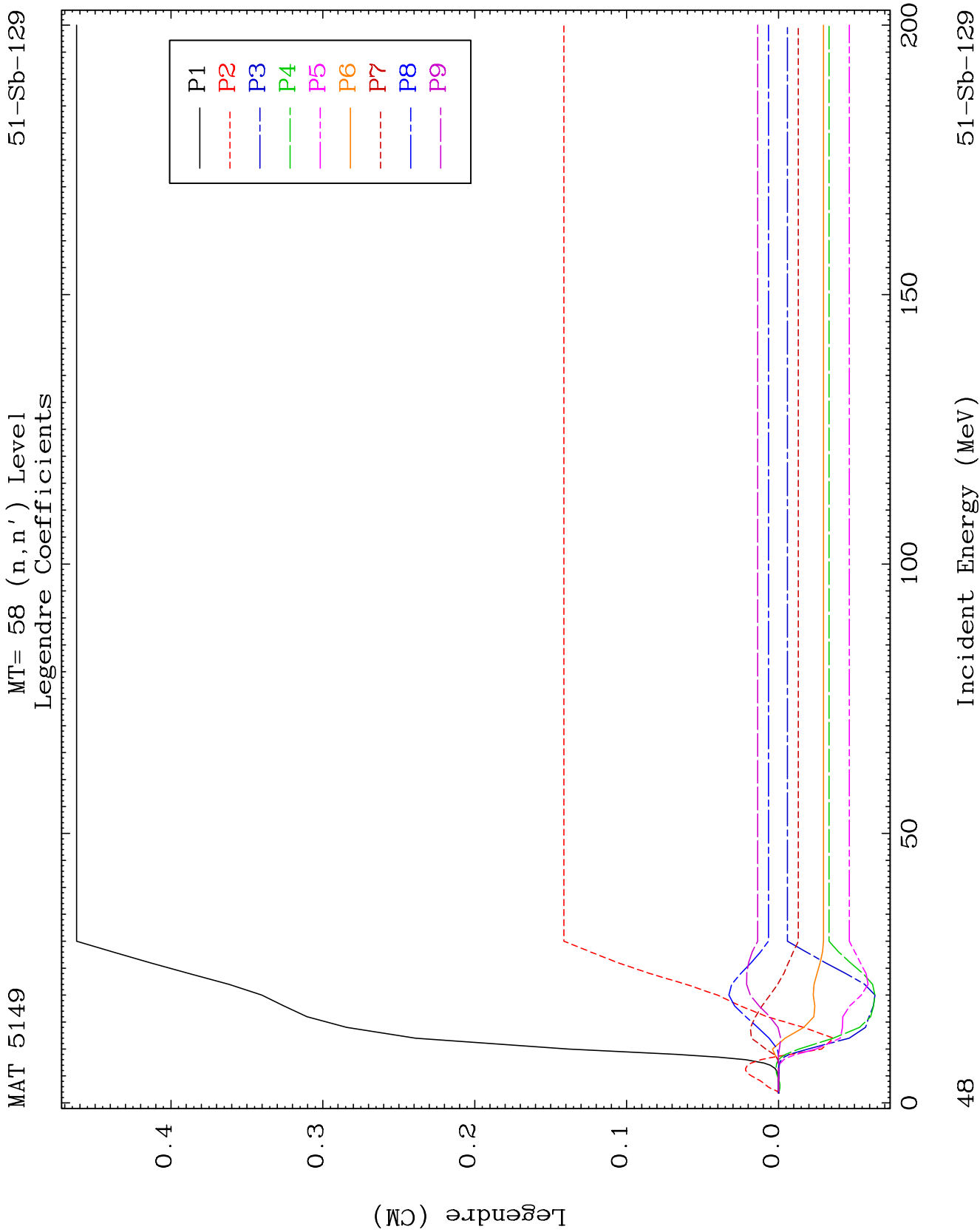








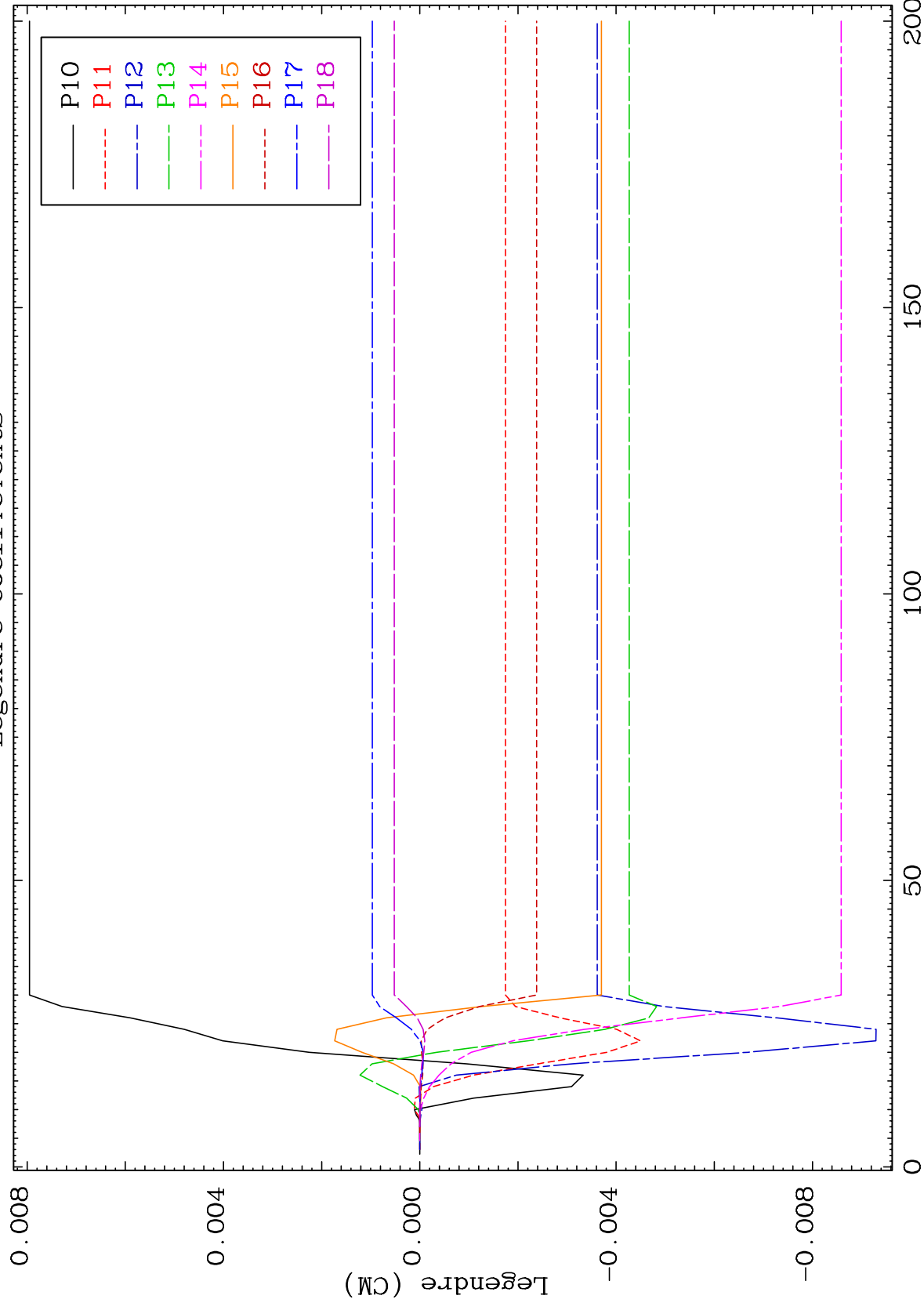




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MT= 58 (n, n') Level  
Legendre Coefficients

51-Sb-129



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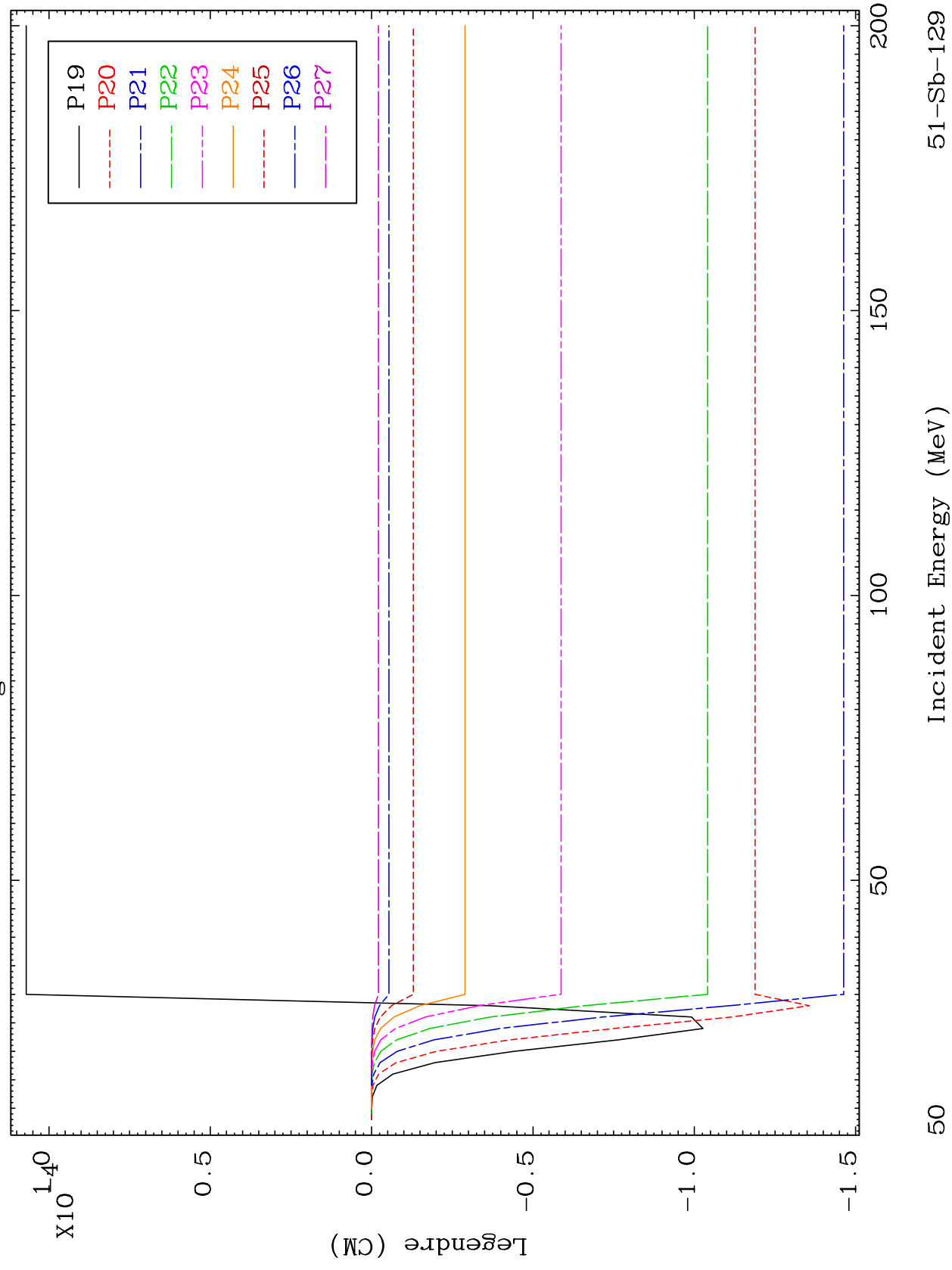
Incident Energy (MeV)

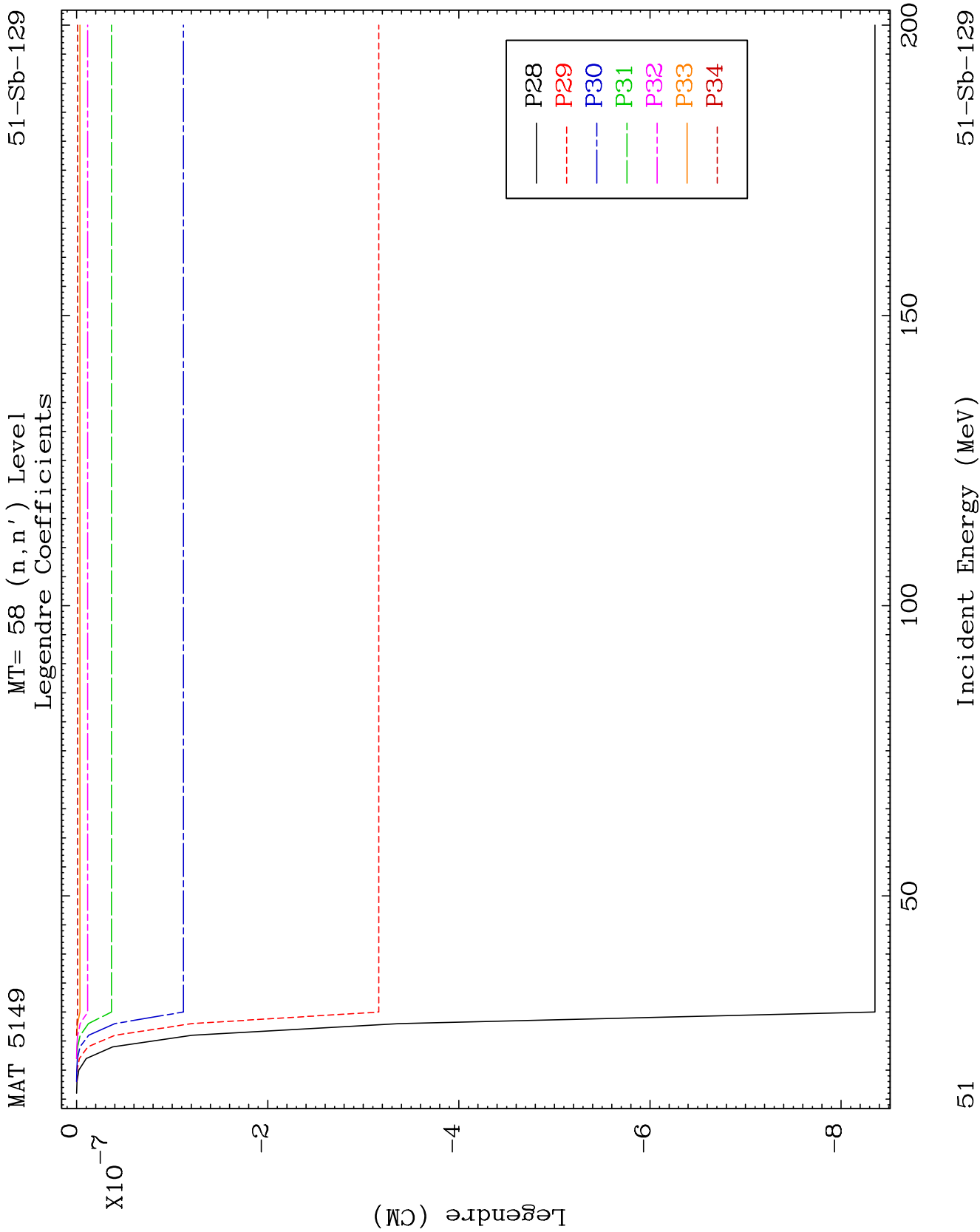
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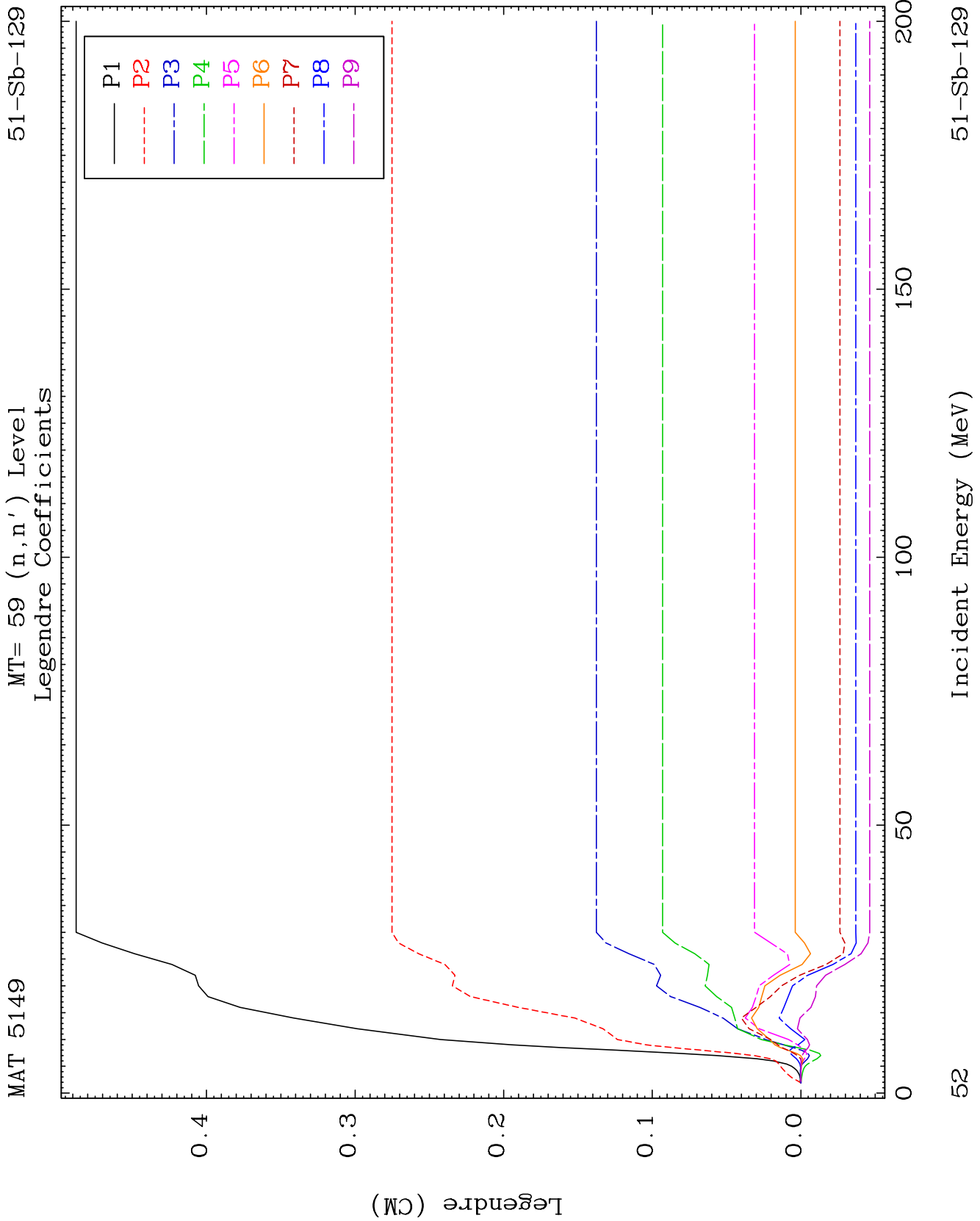
MAT 5149

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

51-Sb-129





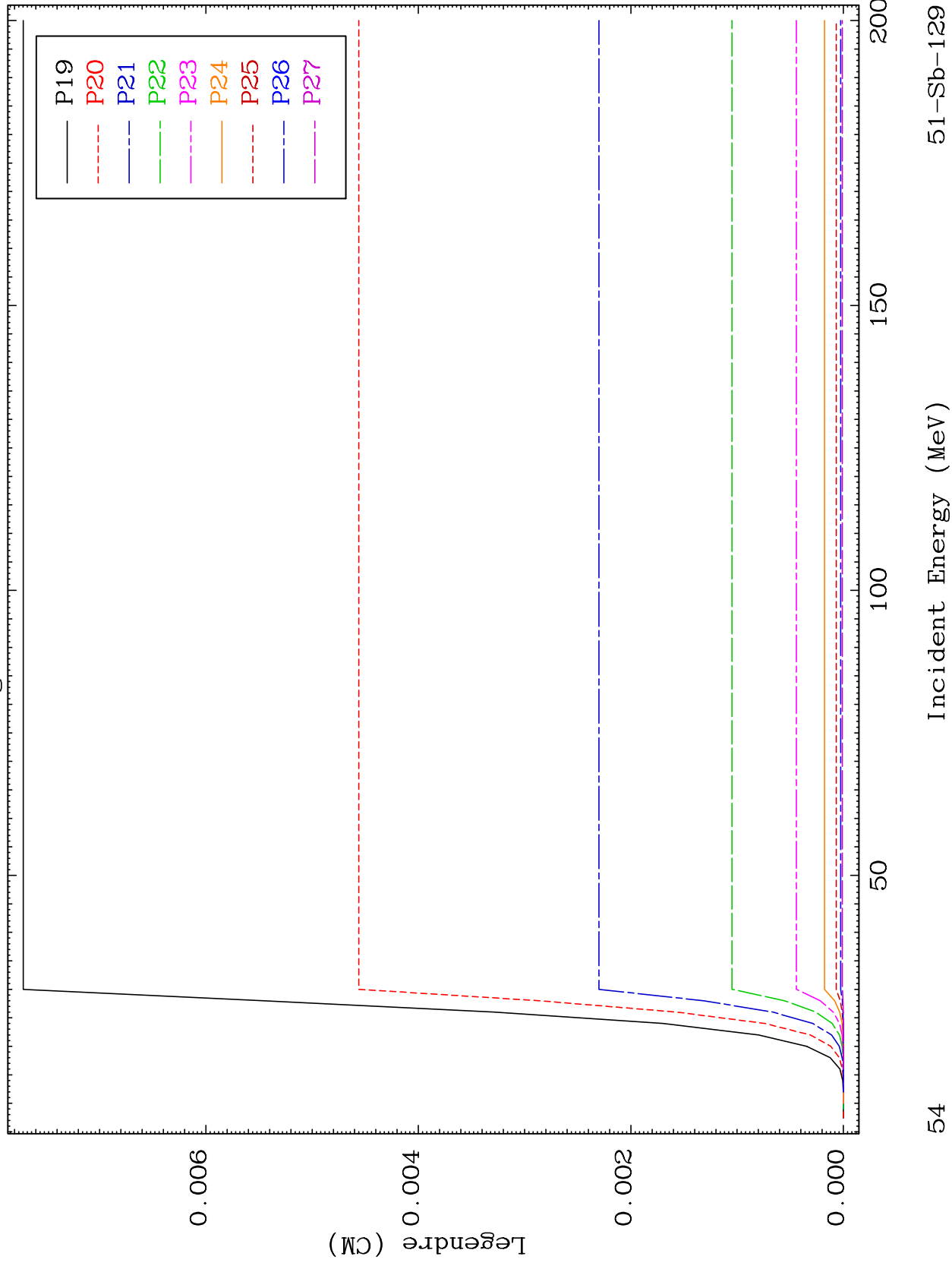


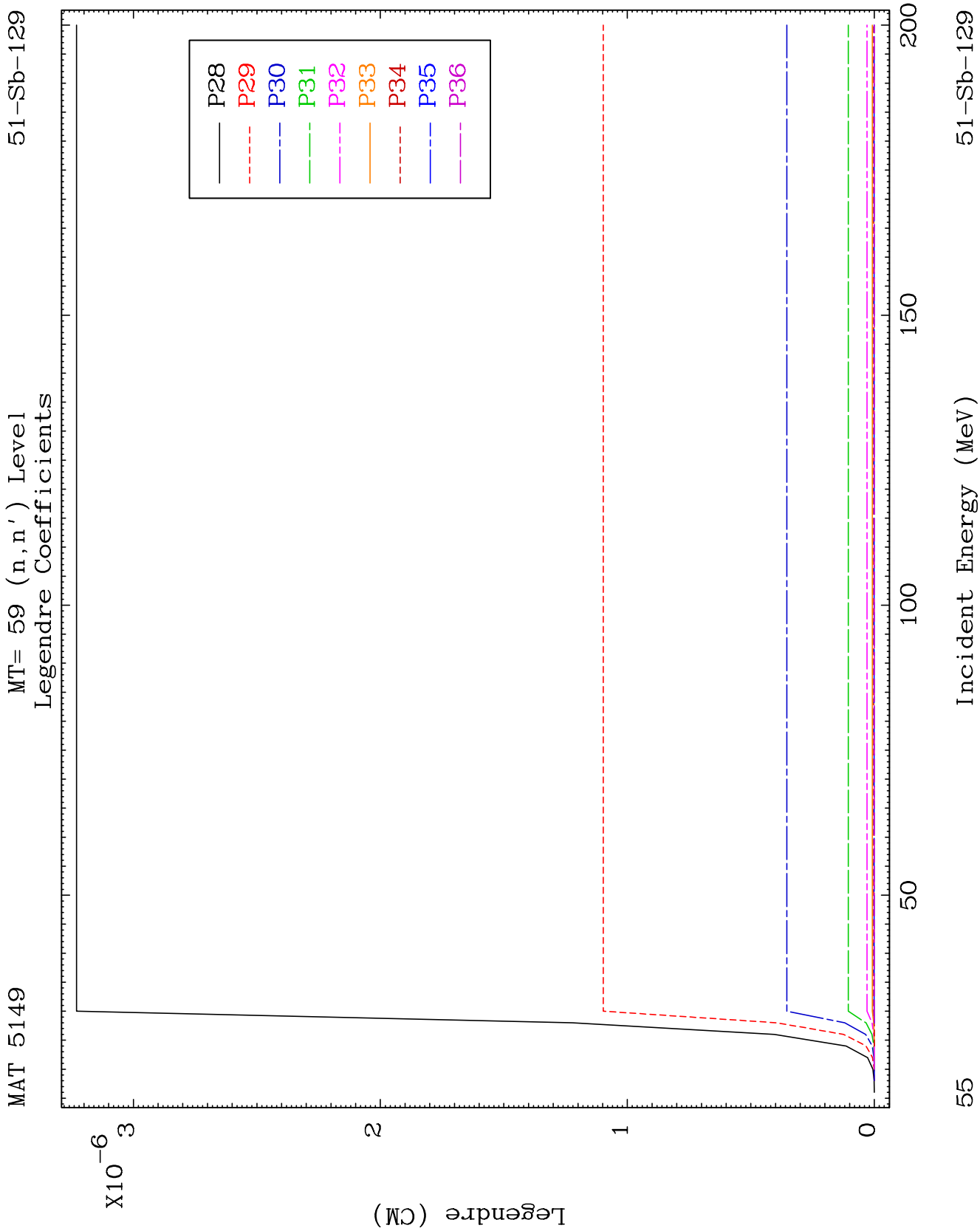


MAT 5149

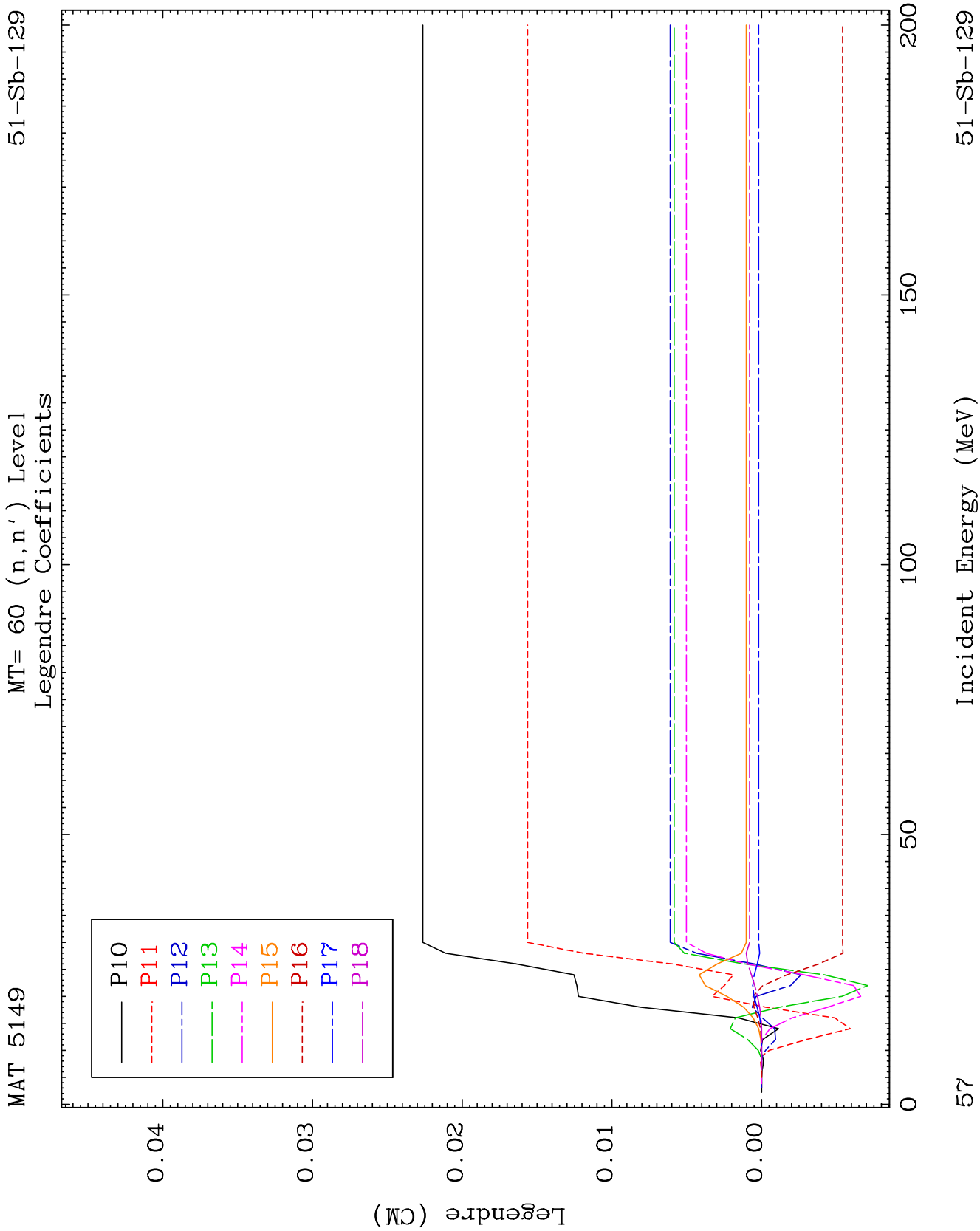
MT= 59 (n, n') Level  
Legendre Coefficients

51-Sb-129





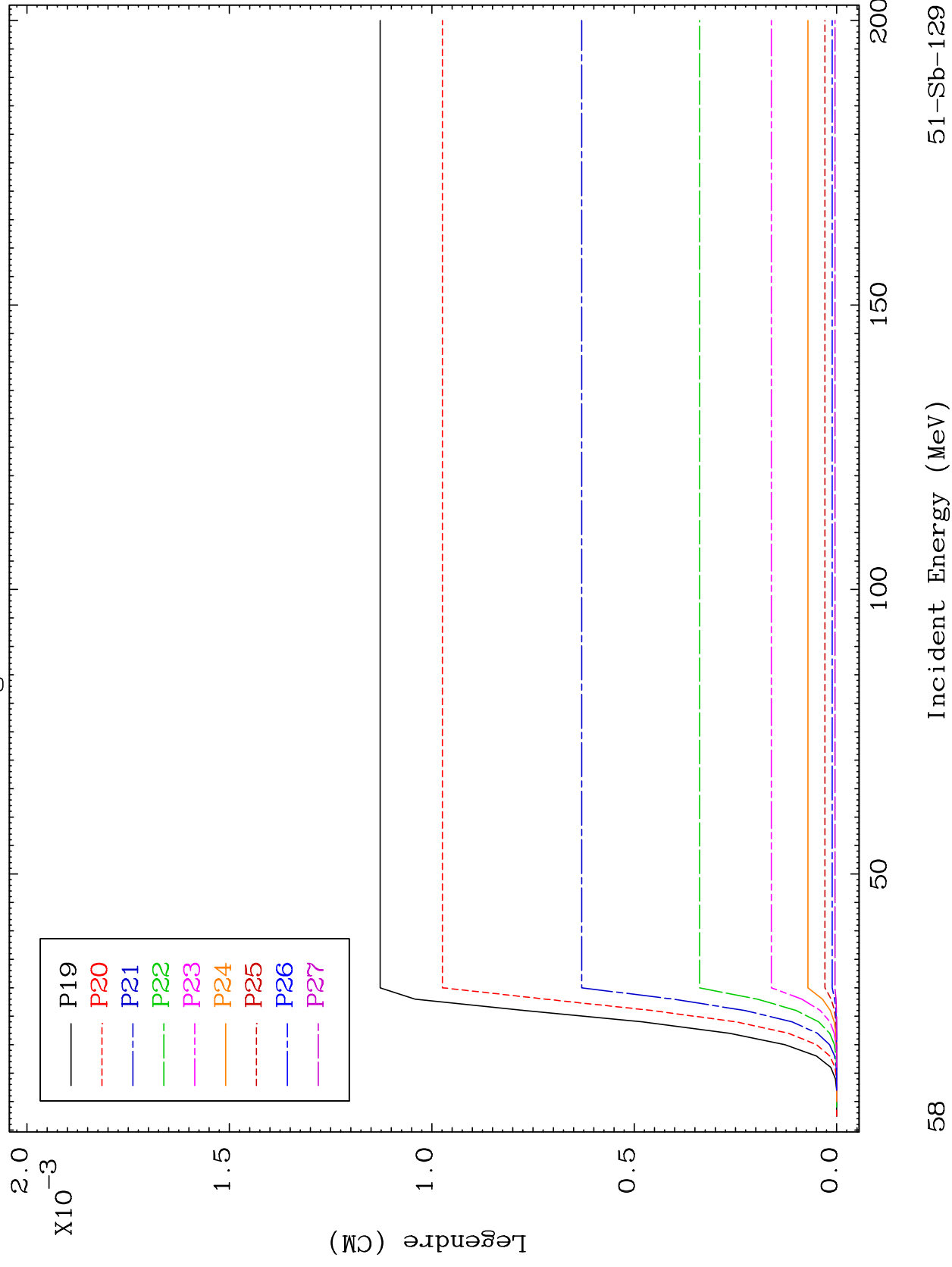




MAT 5149

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

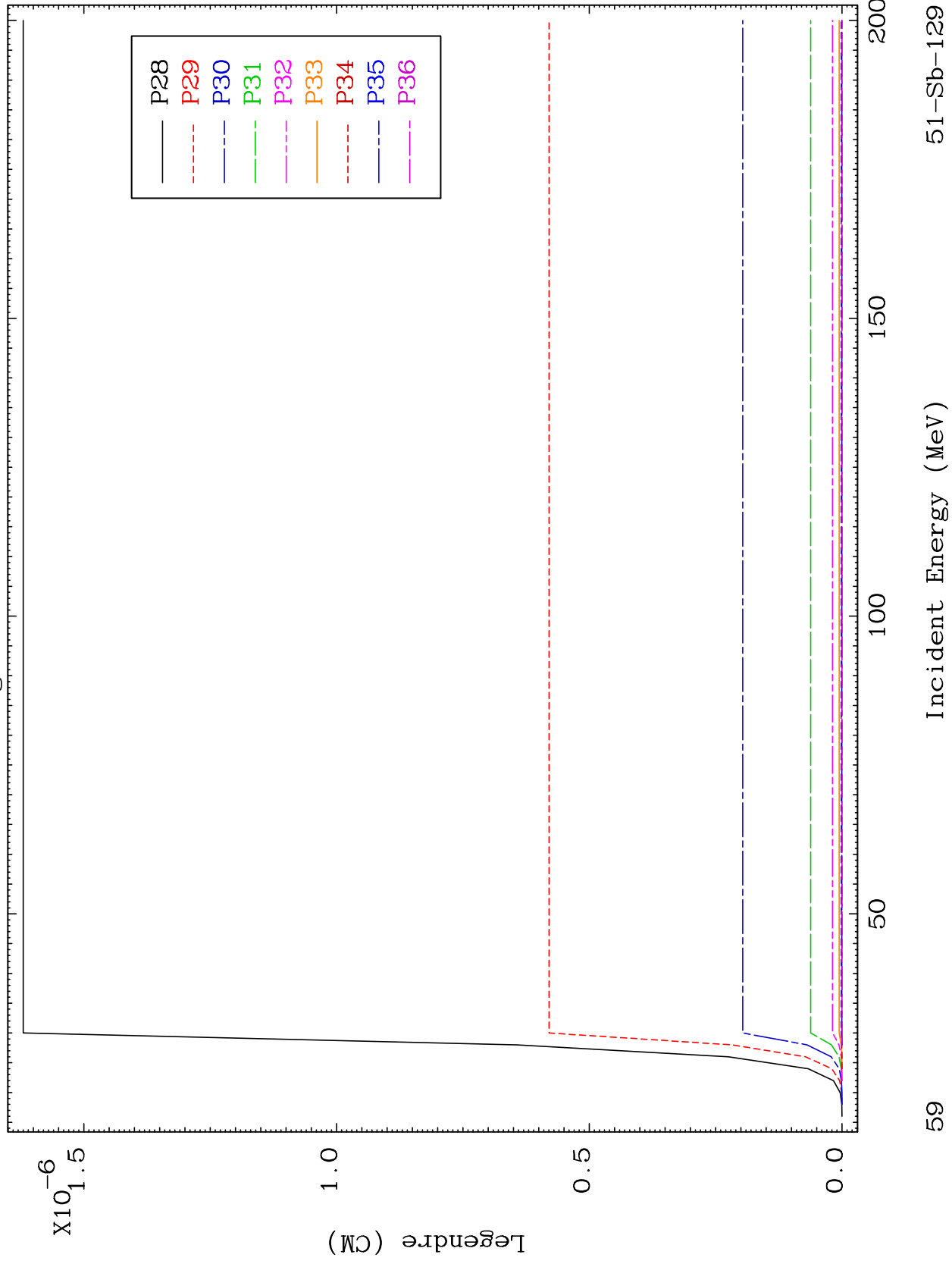
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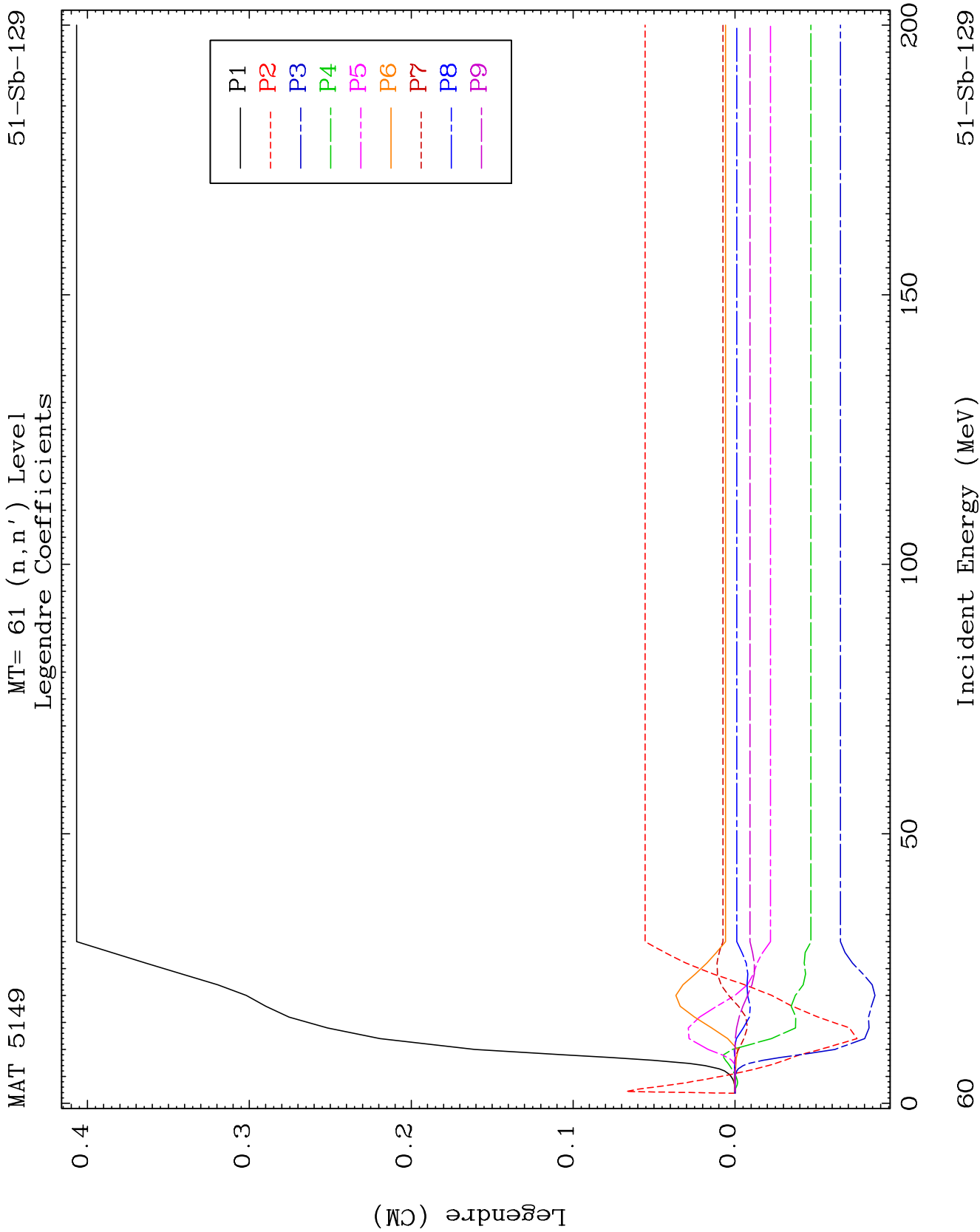


MAT 5149

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

51-Sb-129

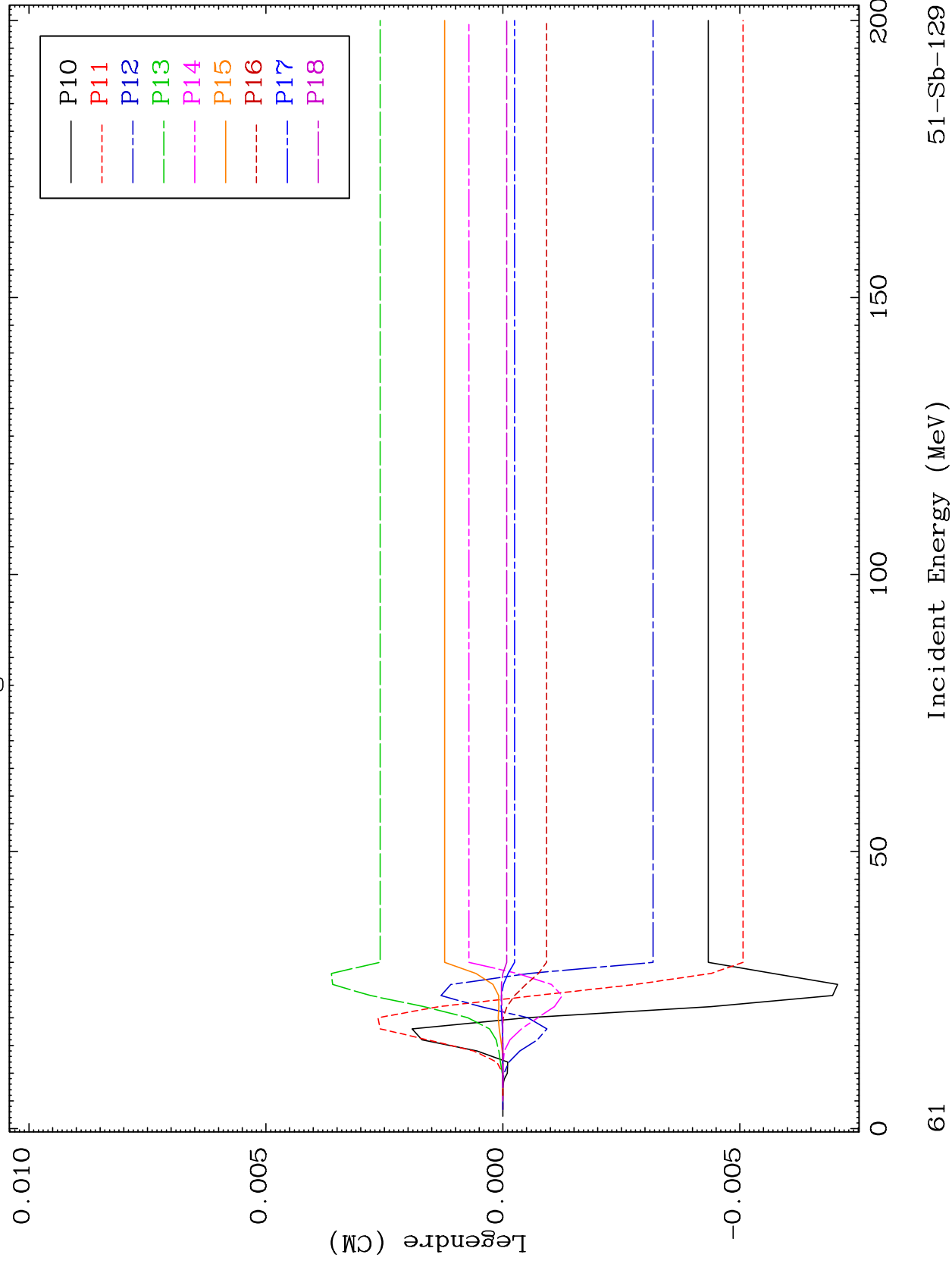


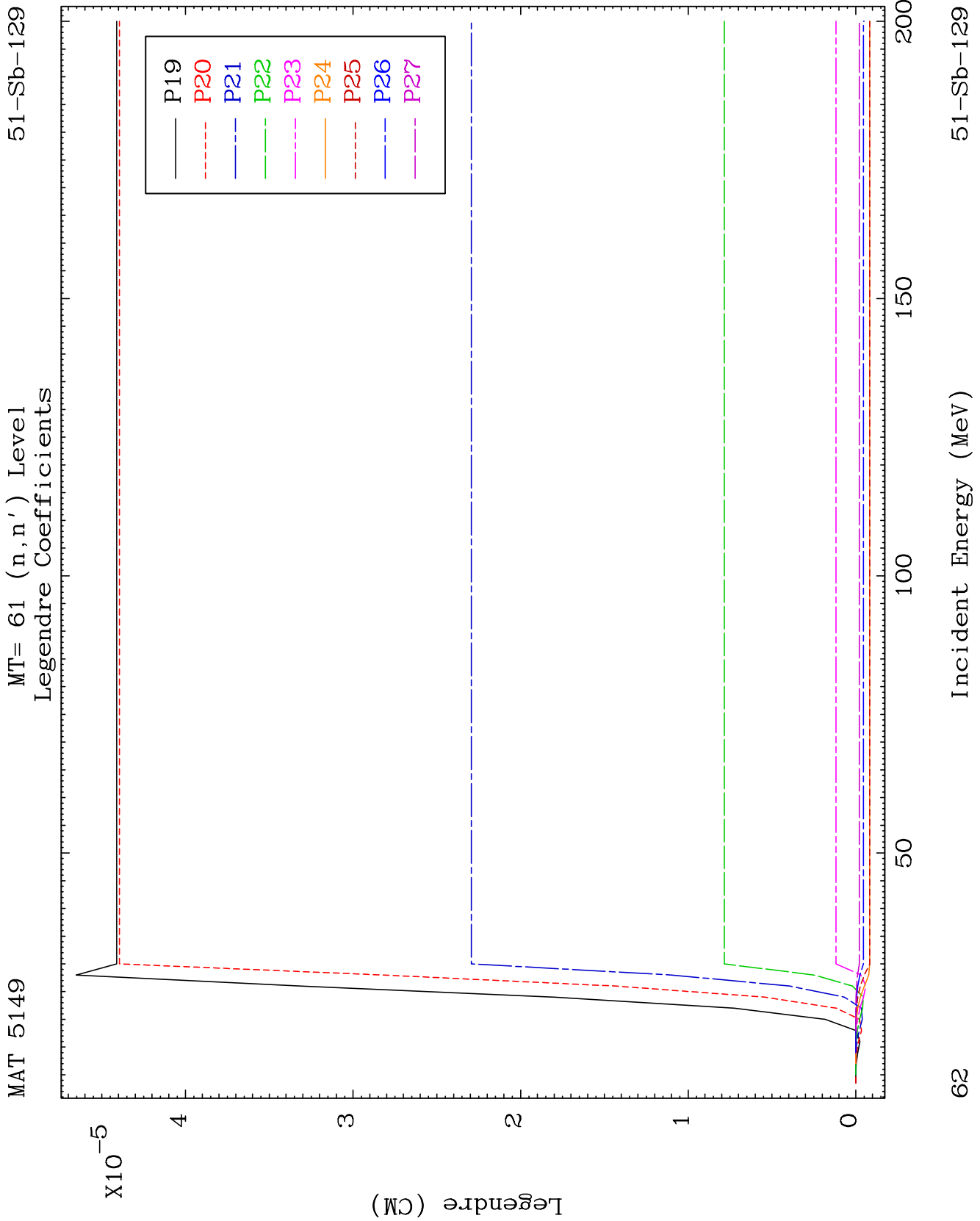


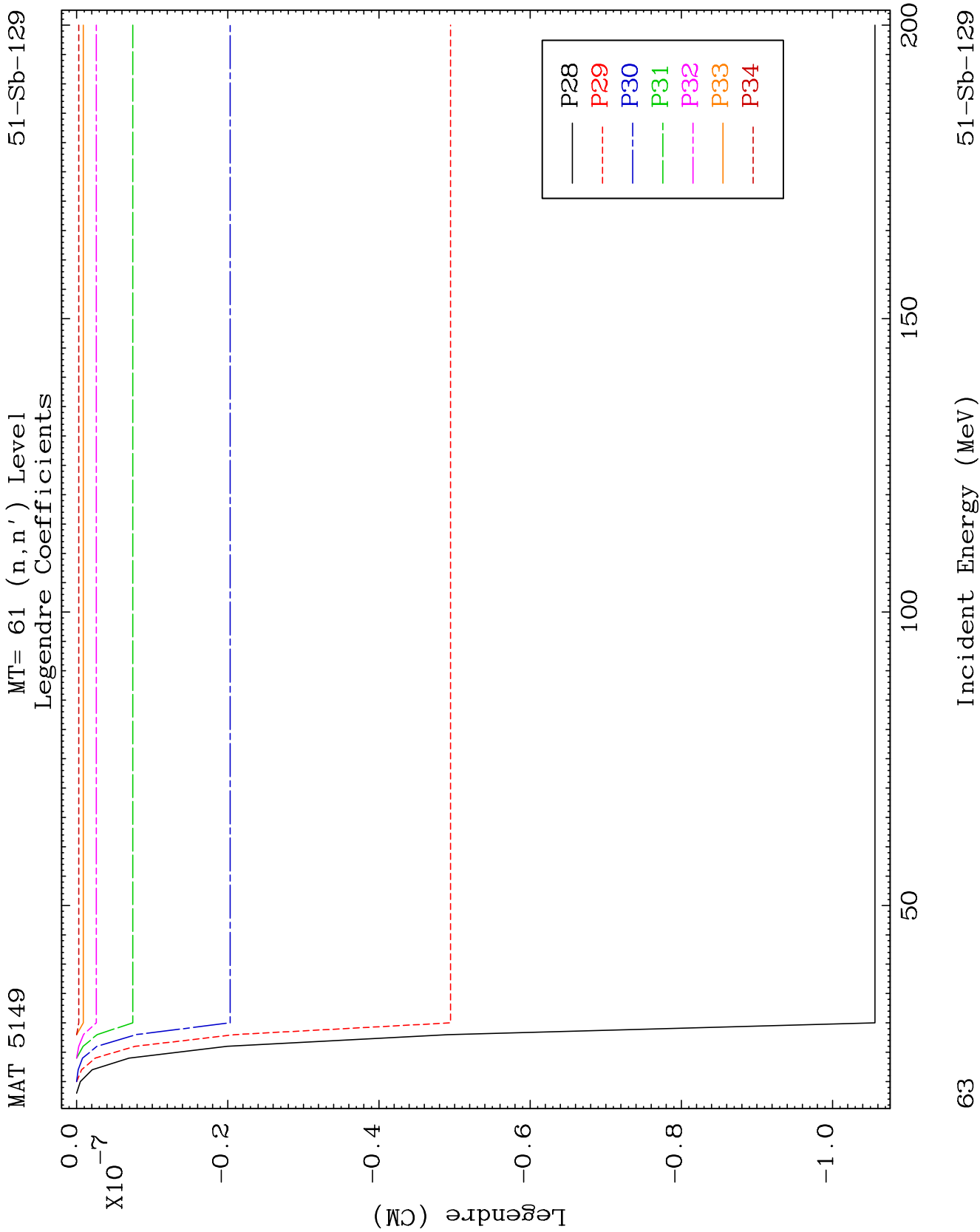
MAT 5149

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

51-Sb-129



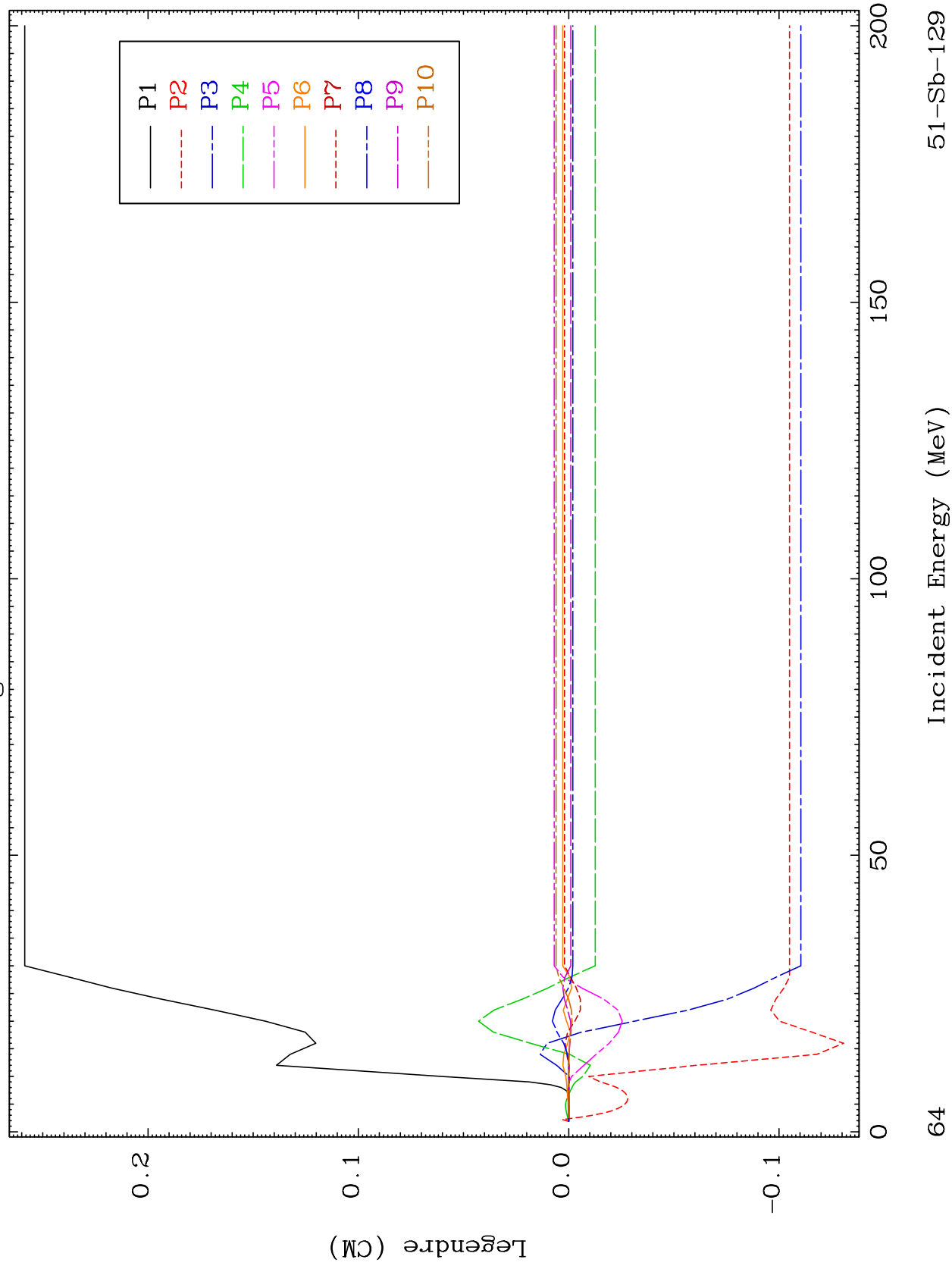


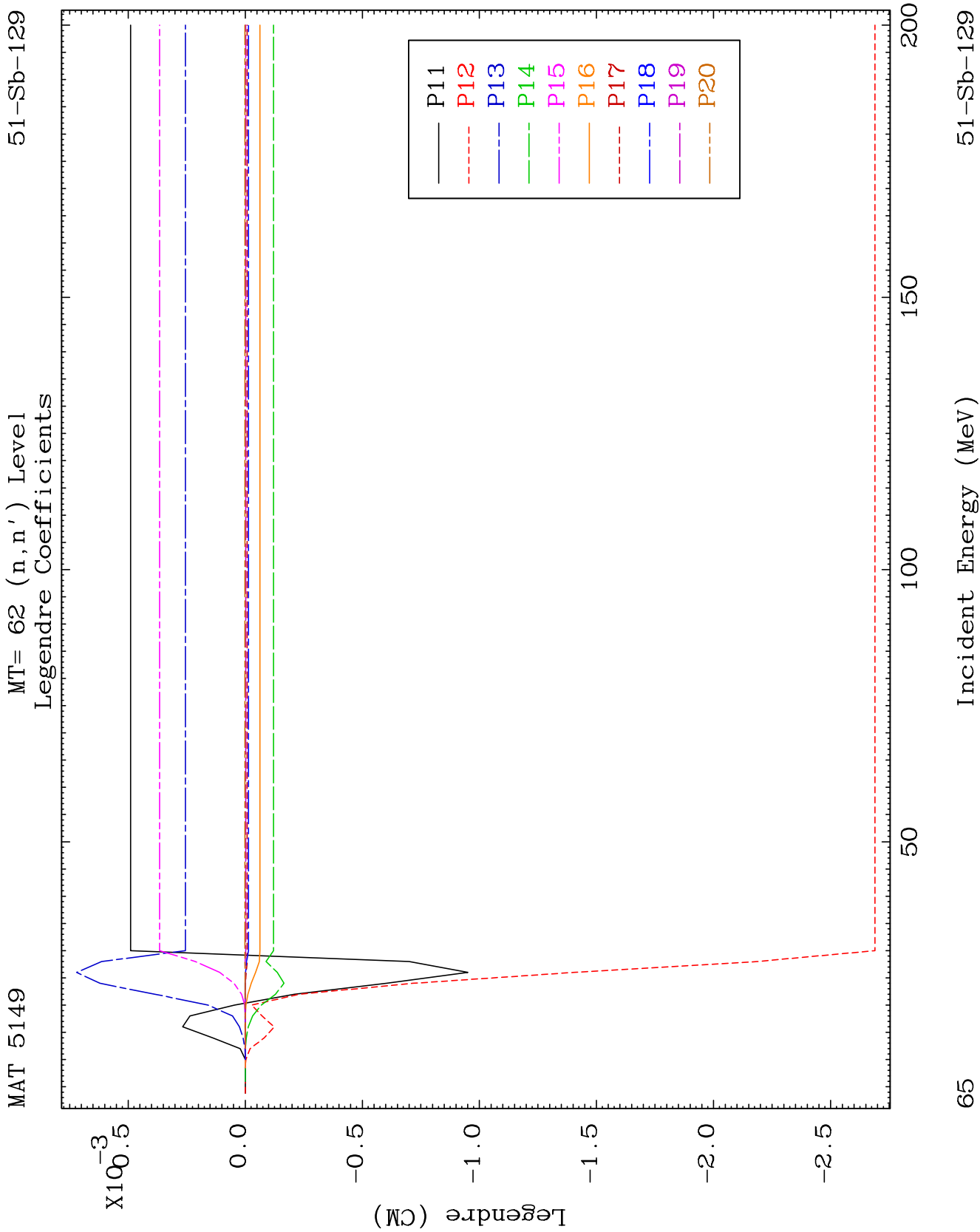


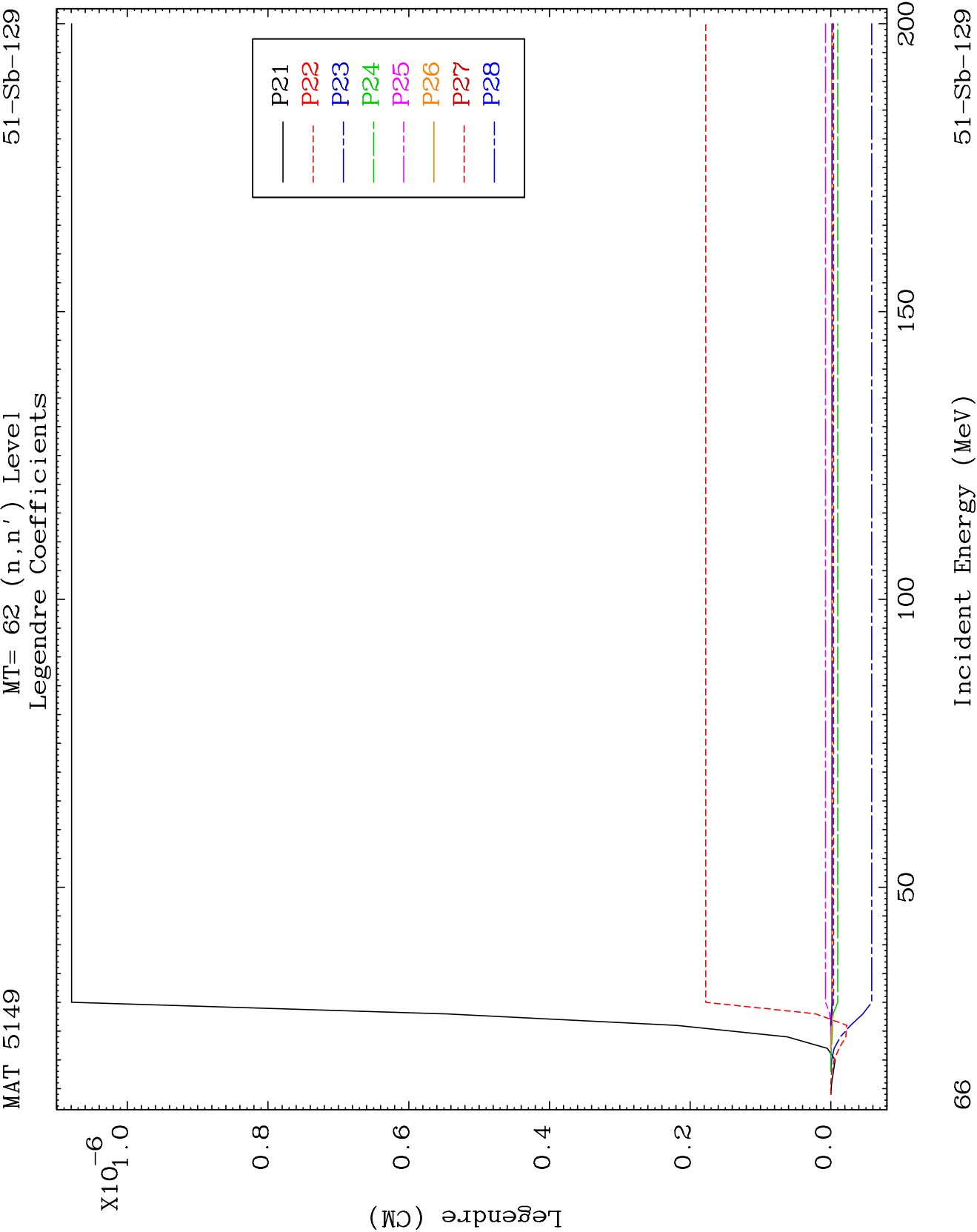
MAT 5149

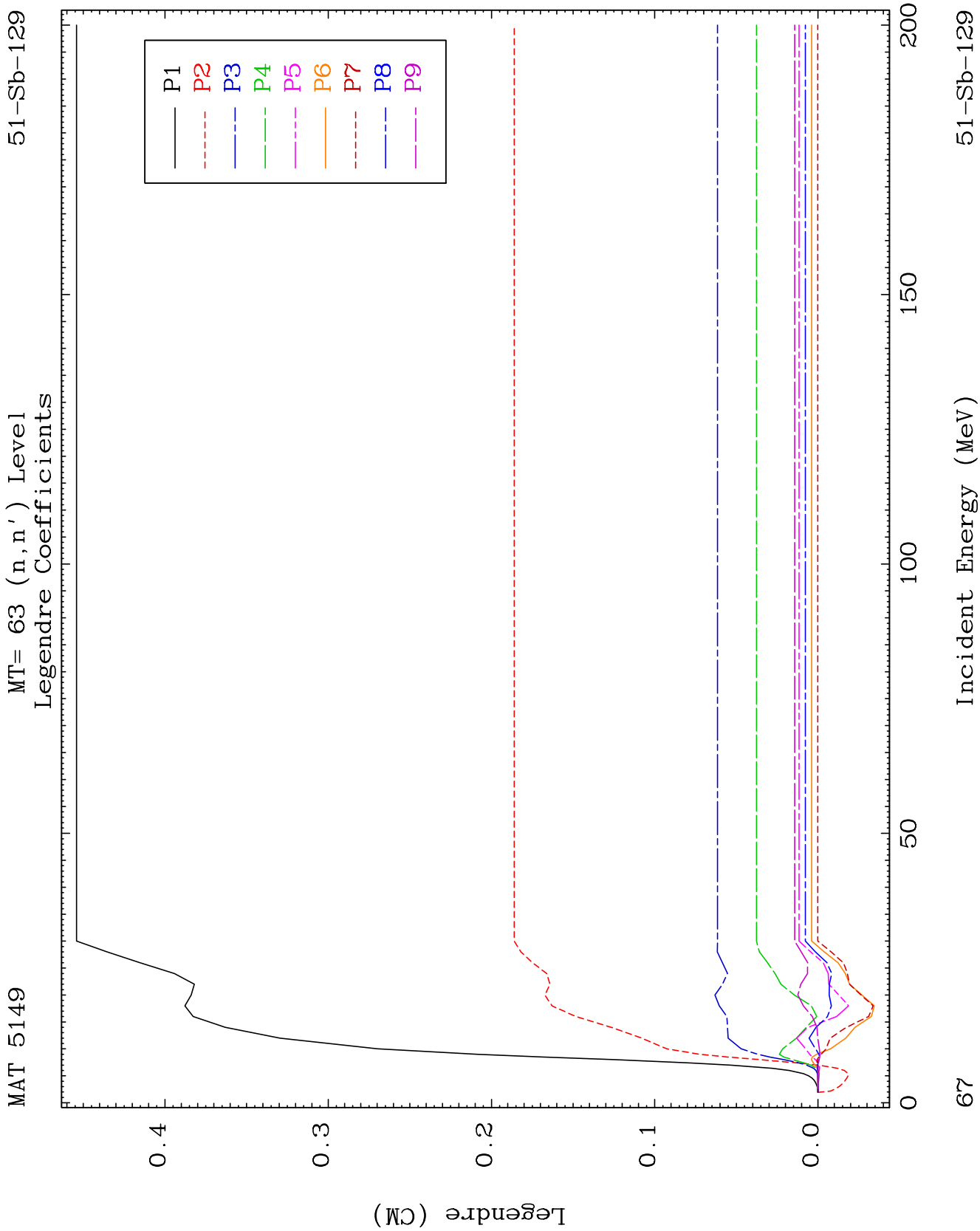
MT= 62 (n, n') Level  
Legendre Coefficients

51-Sb-129





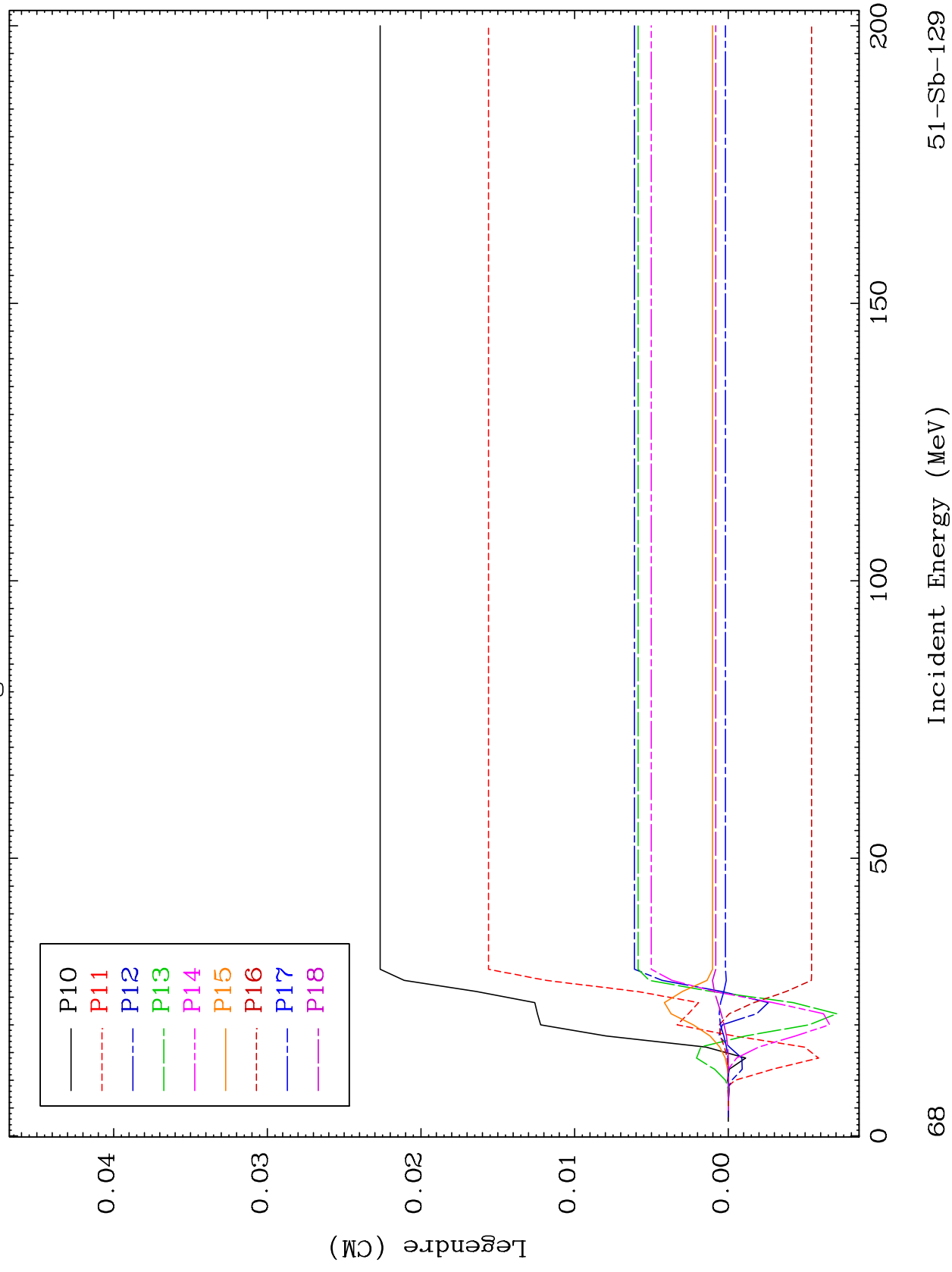


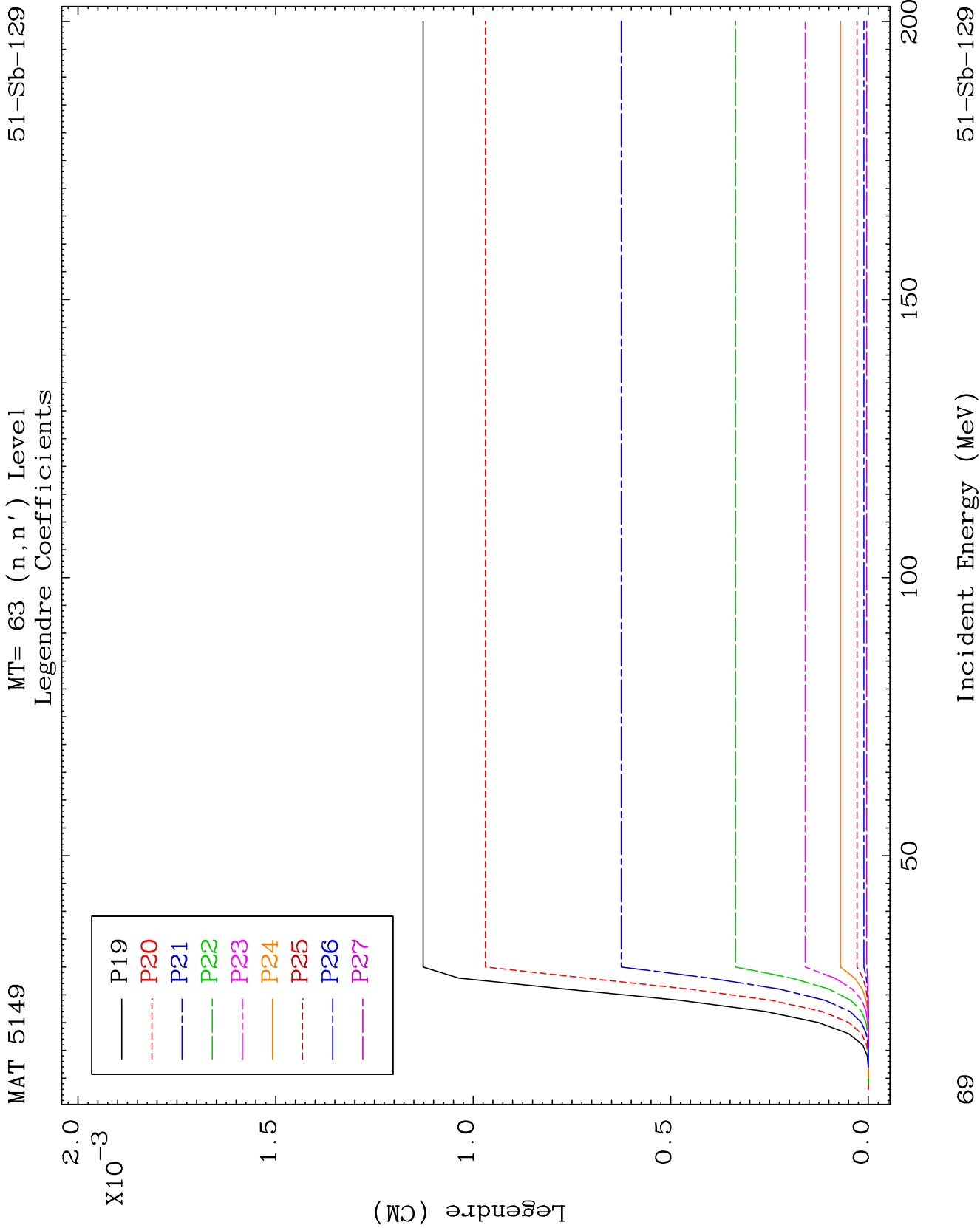


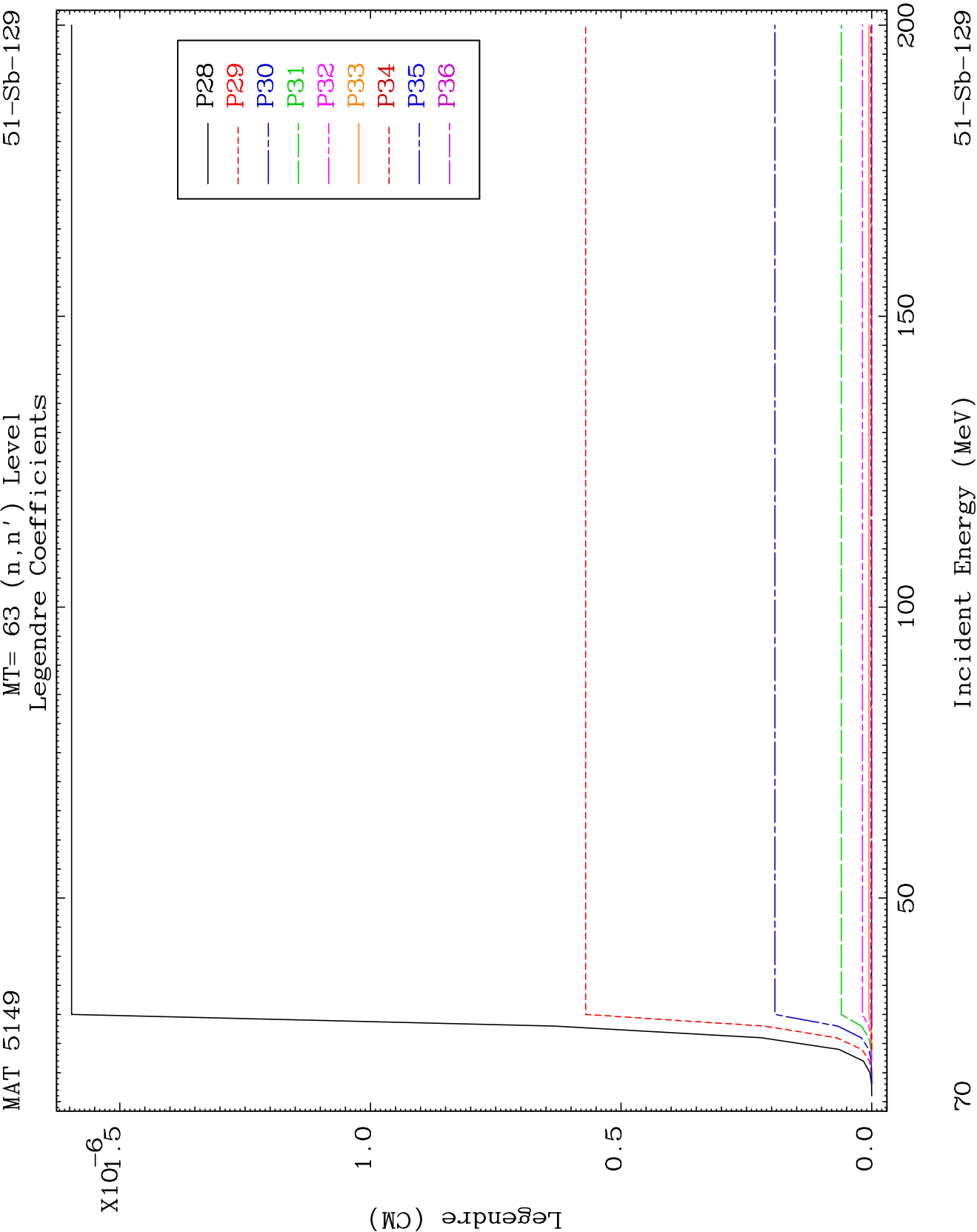
MAT 5149

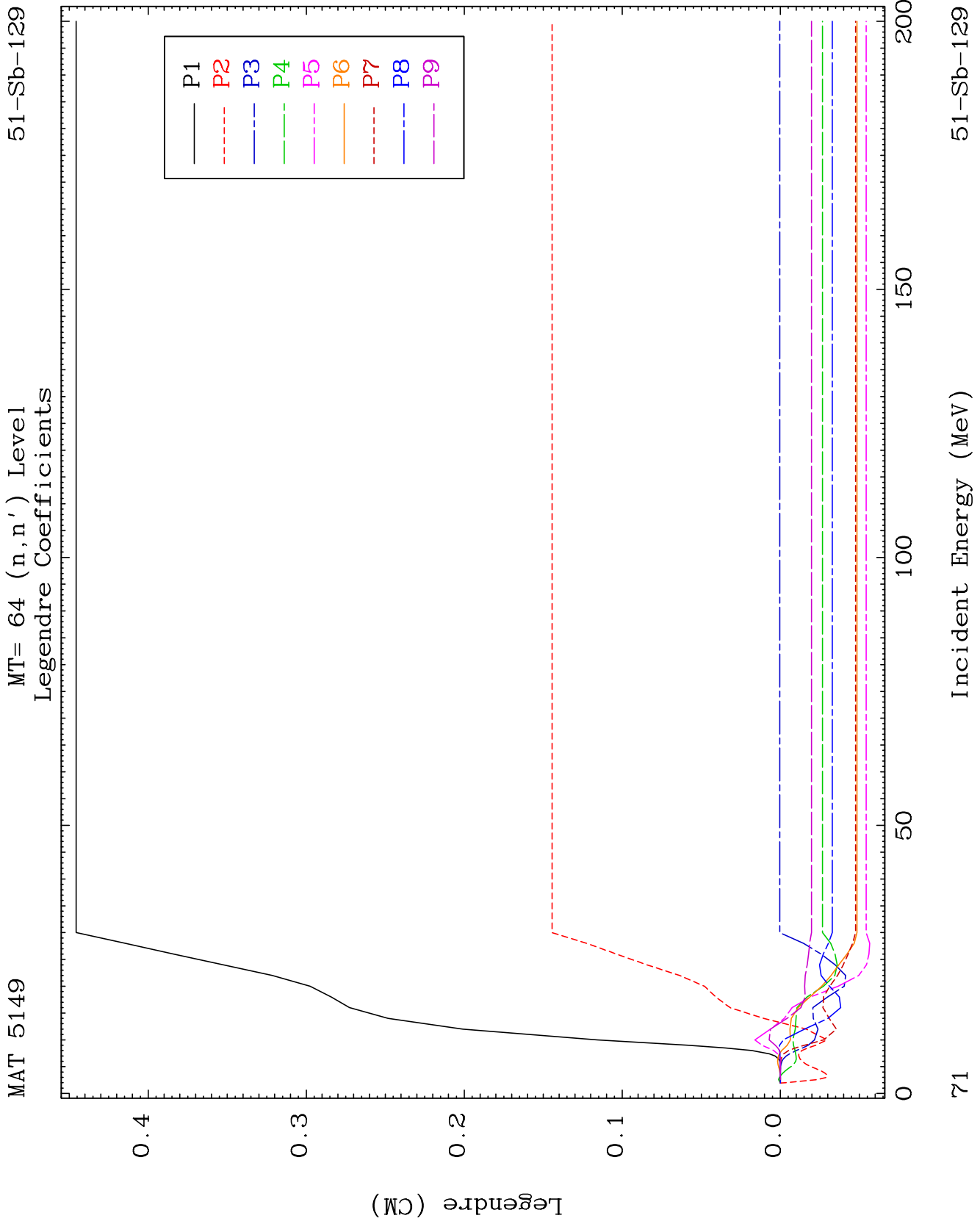
MT= 63 (n, n') Level  
Legendre Coefficients

51-Sb-129

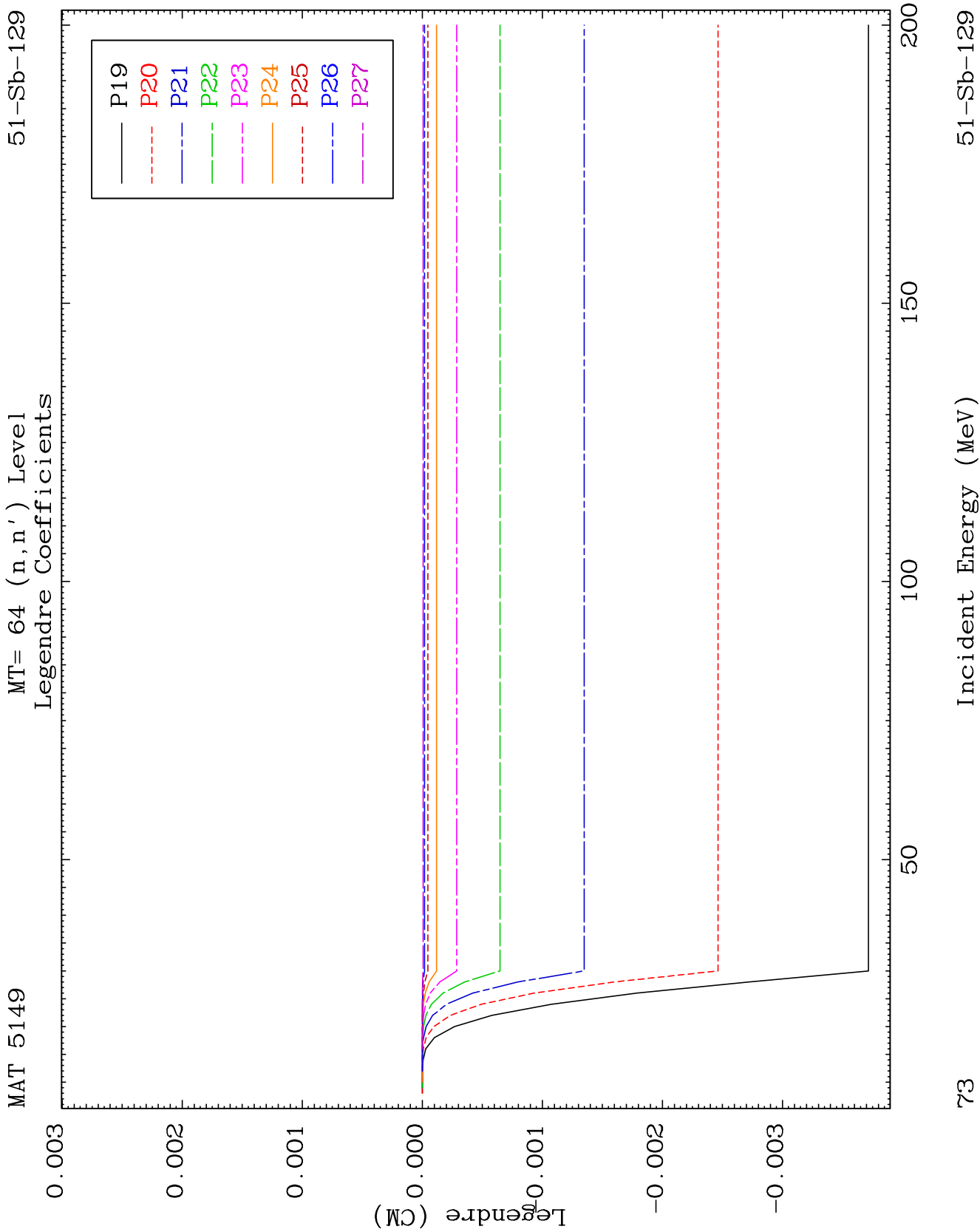


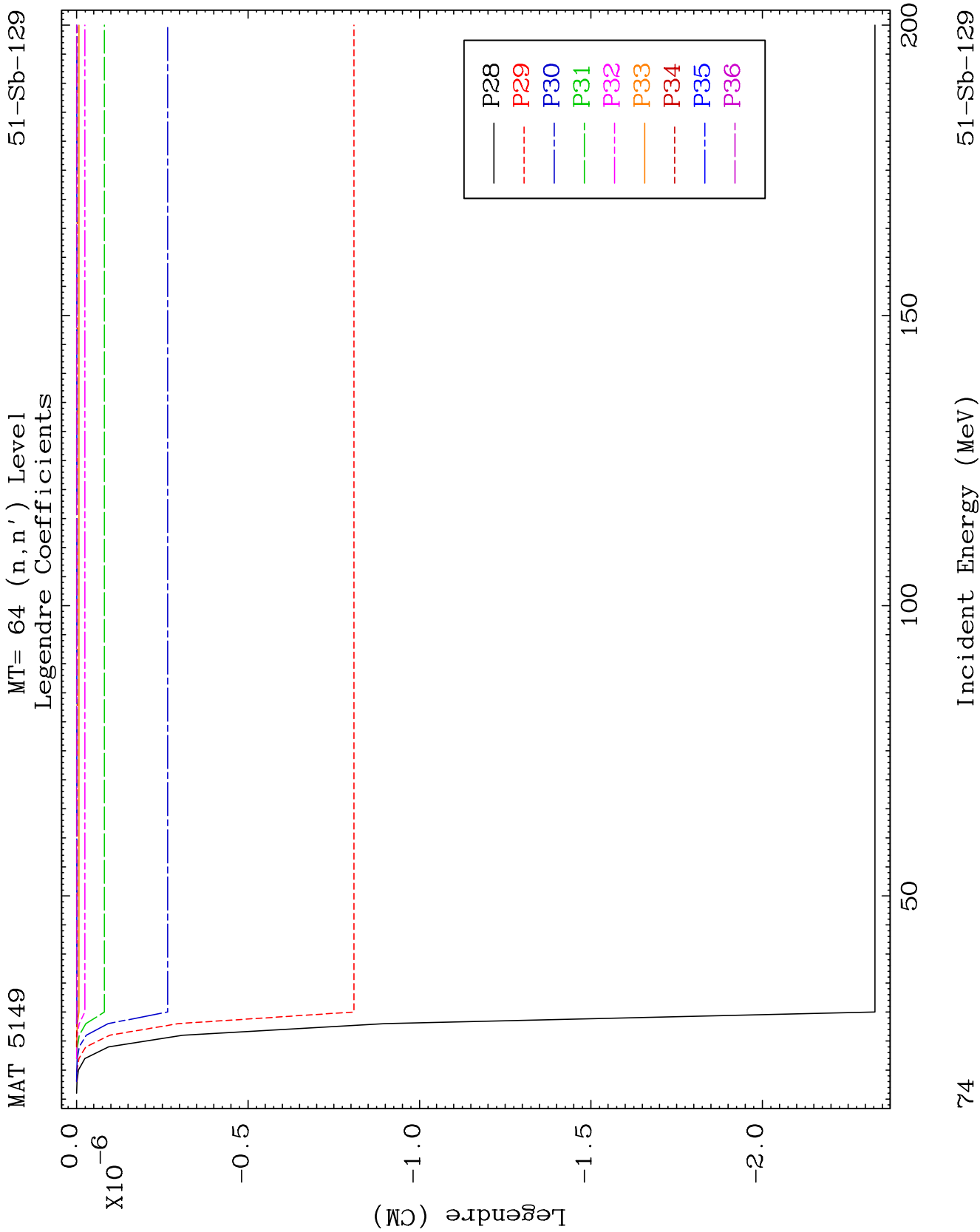


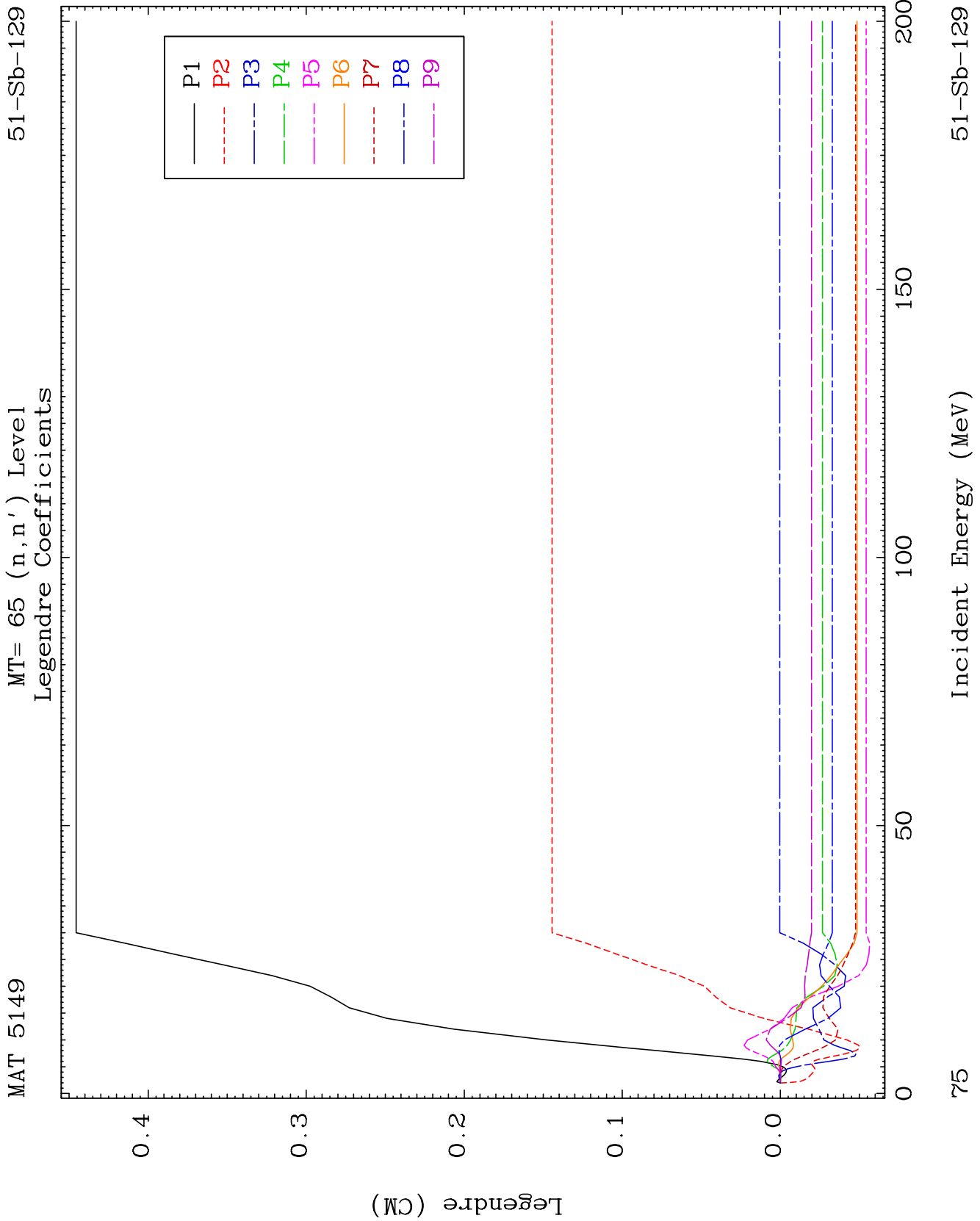


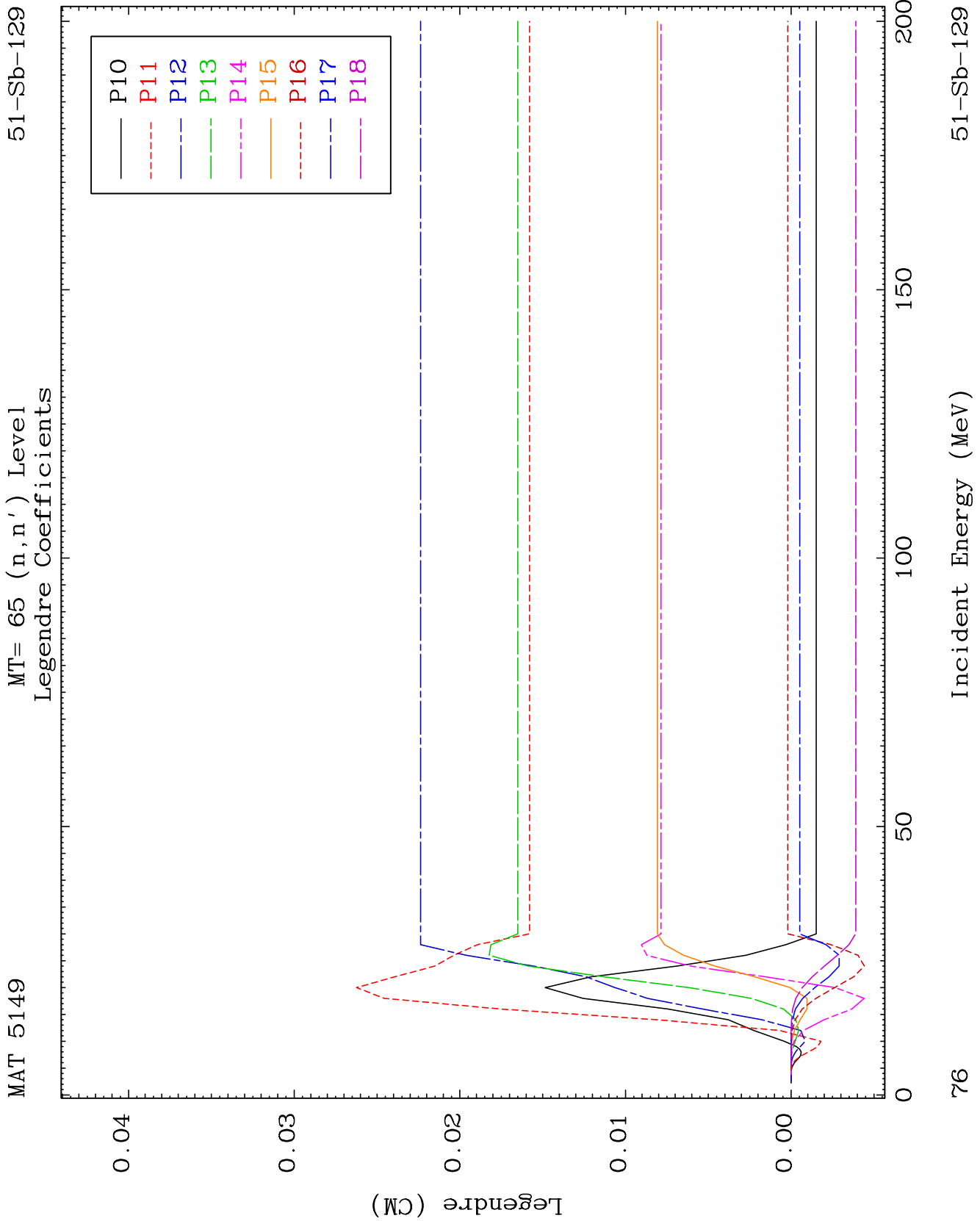








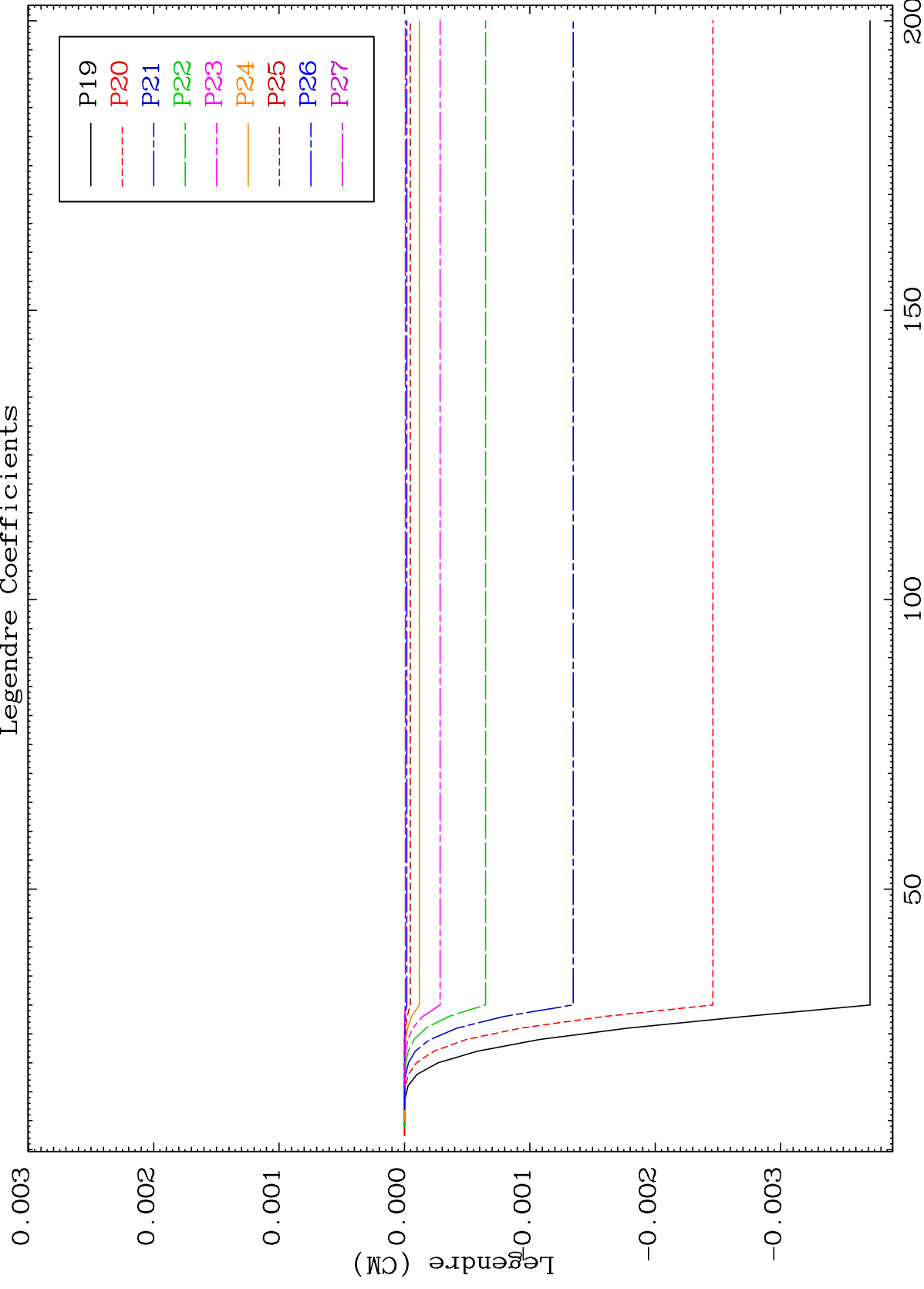




MAT 5149

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

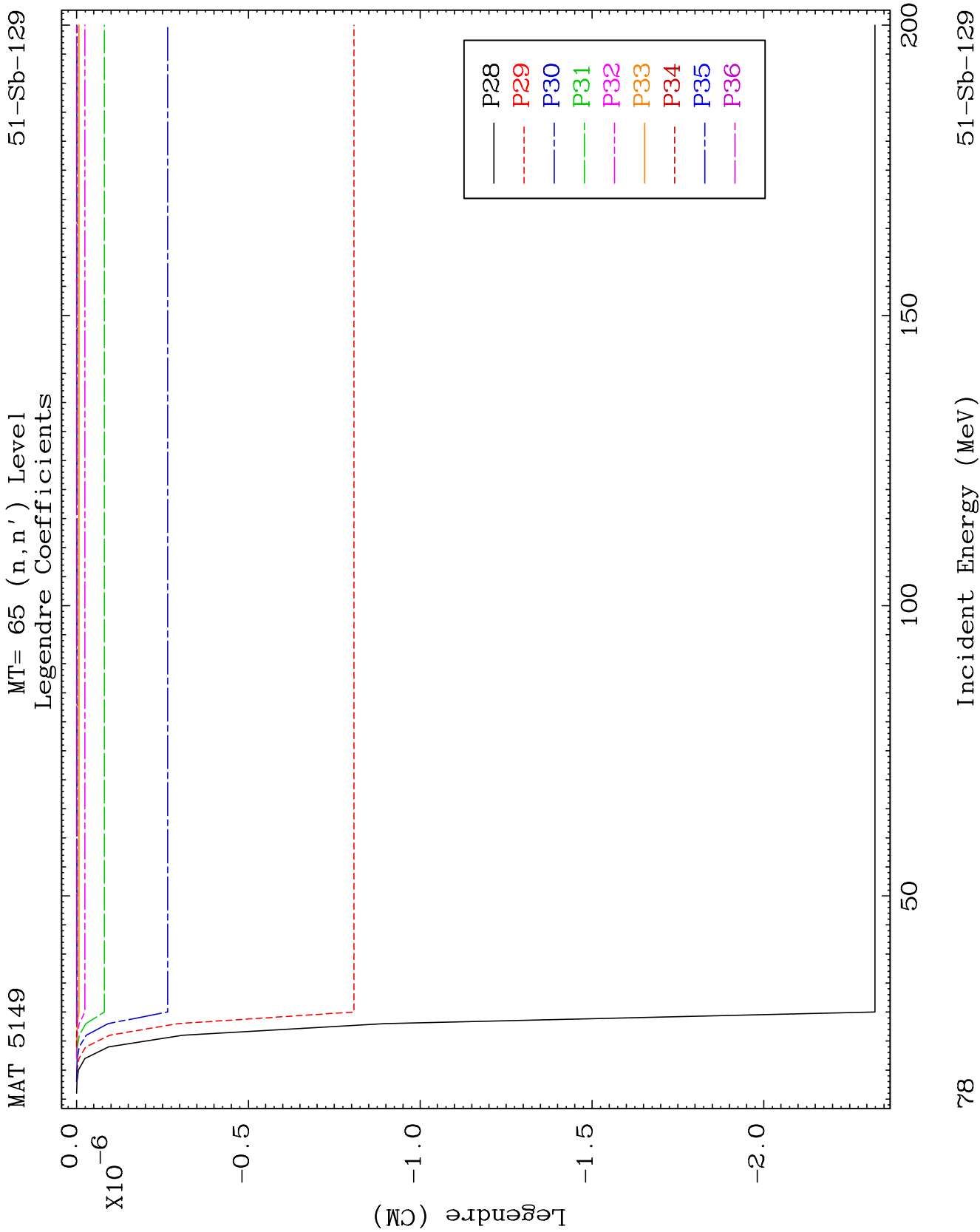
51-Sb-129

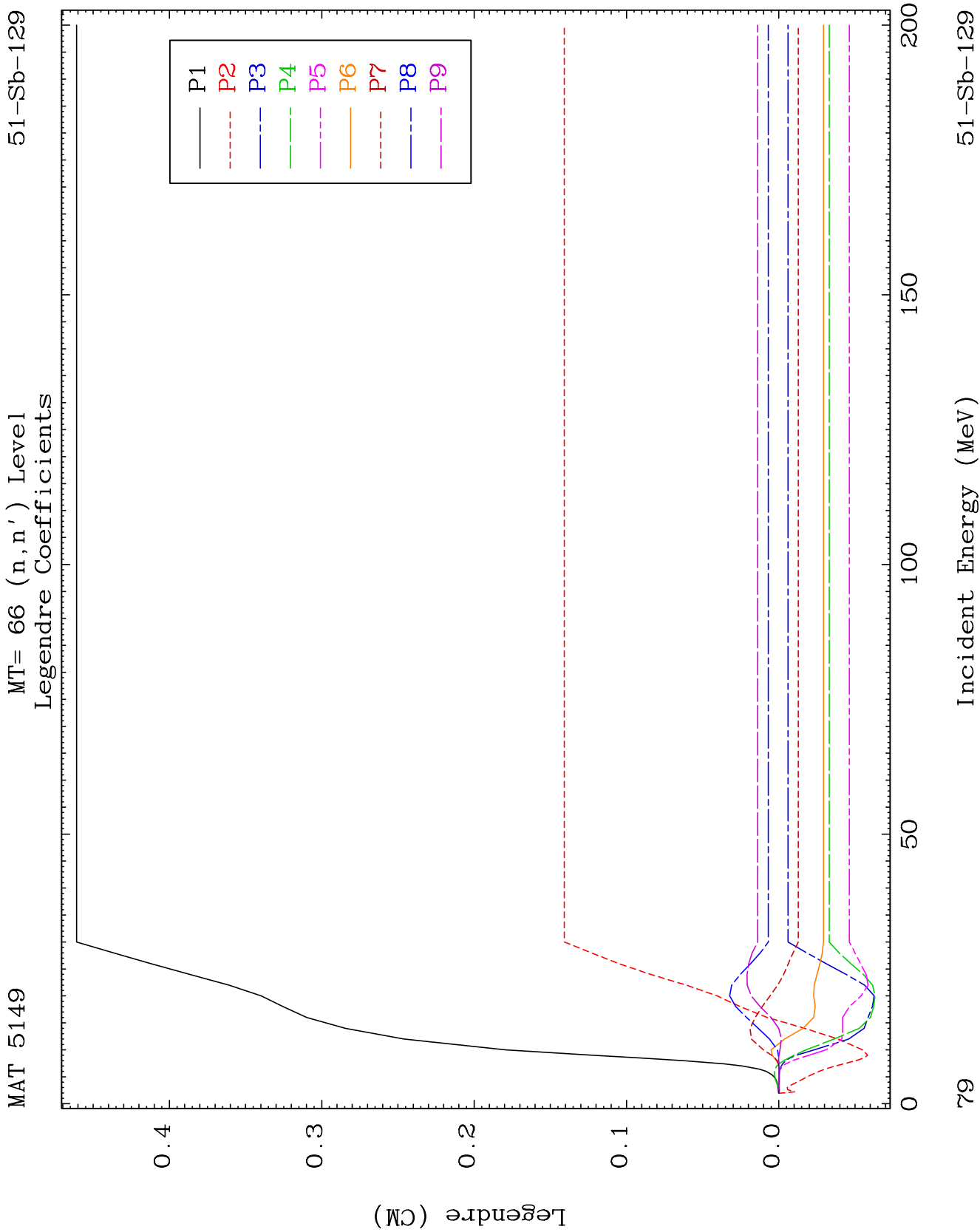


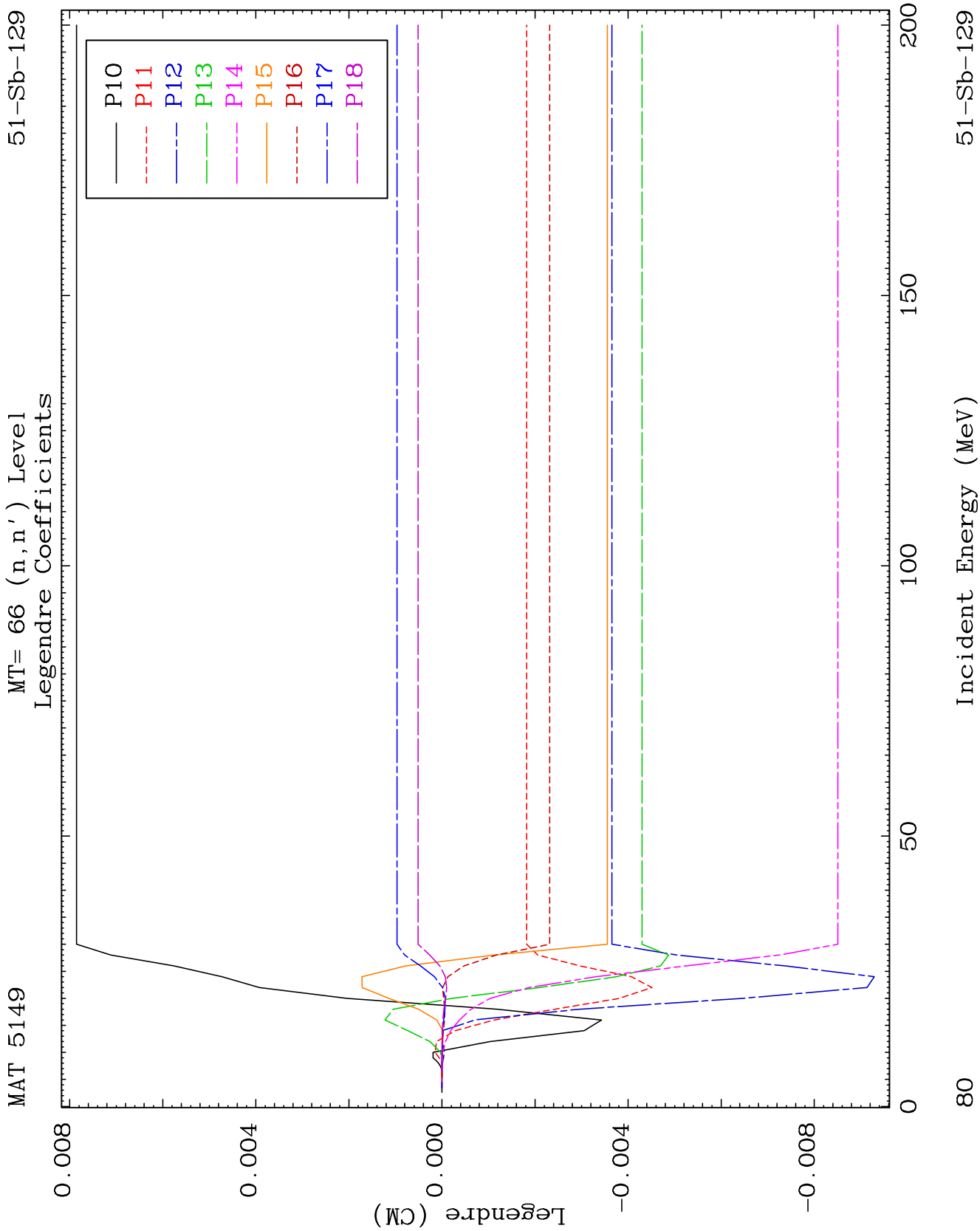
22

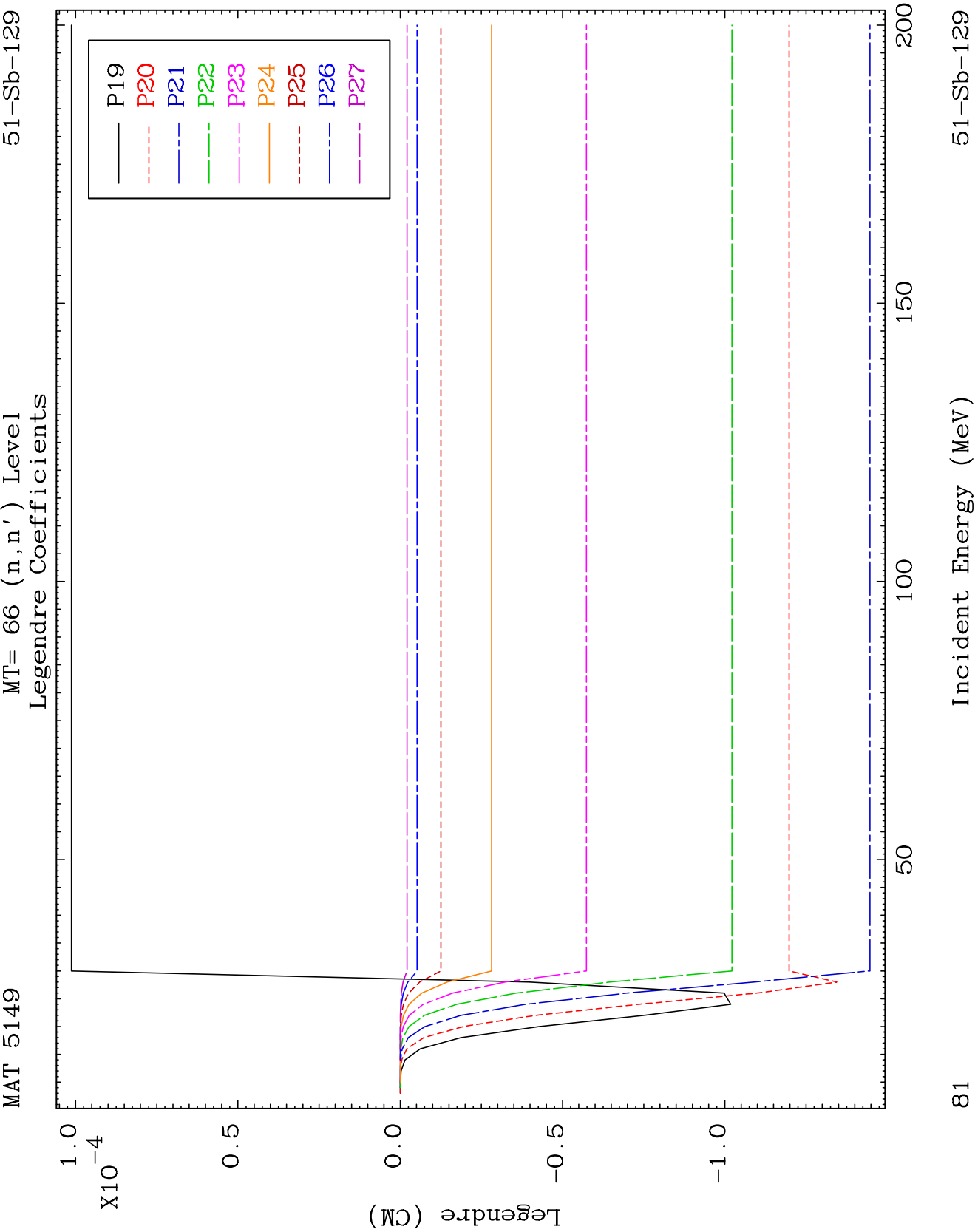
Incident Energy (MeV)

51-Sb-129







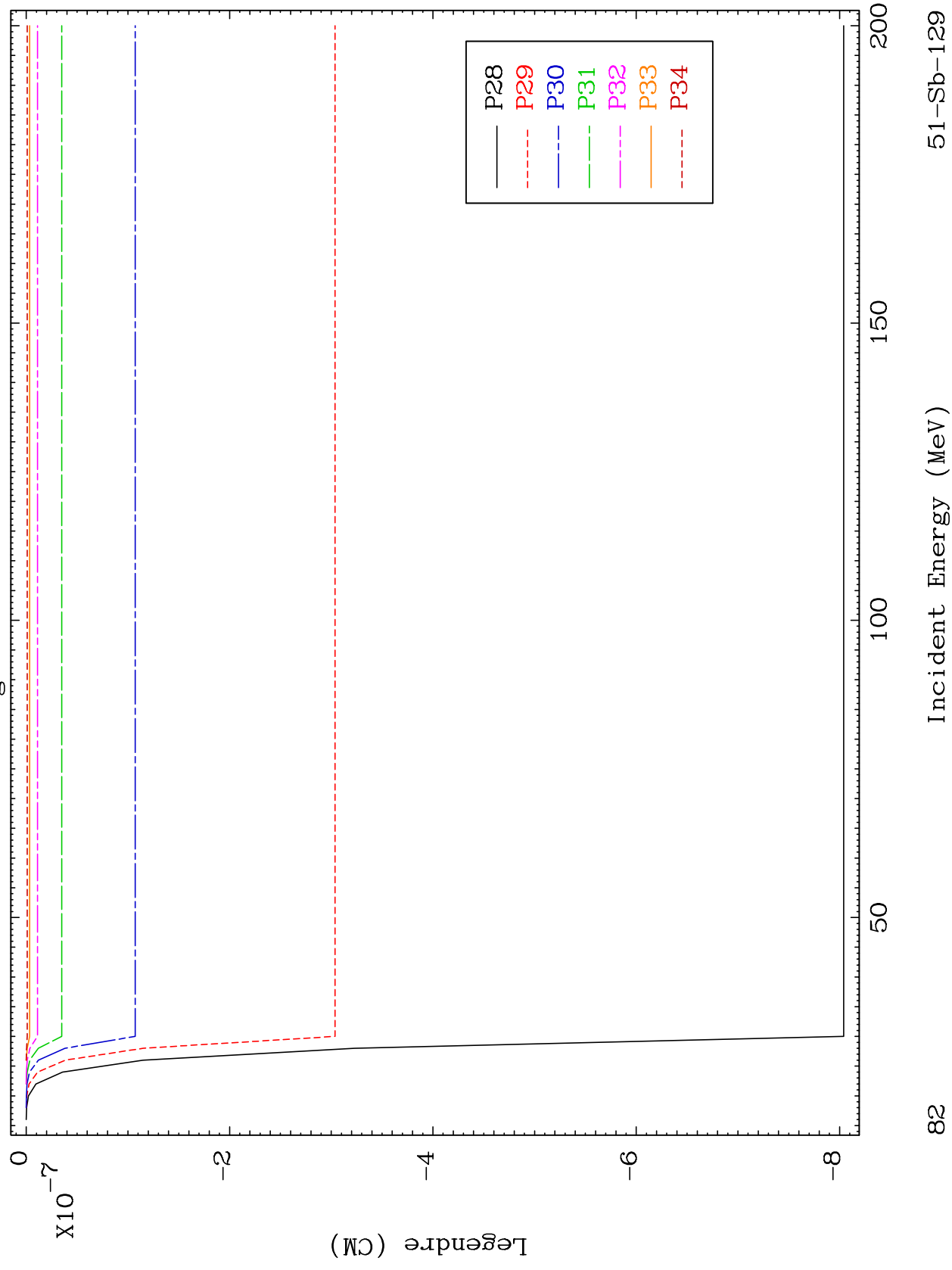


MAT 5149

MT= 66 (n, n') Level

51-Sb-129

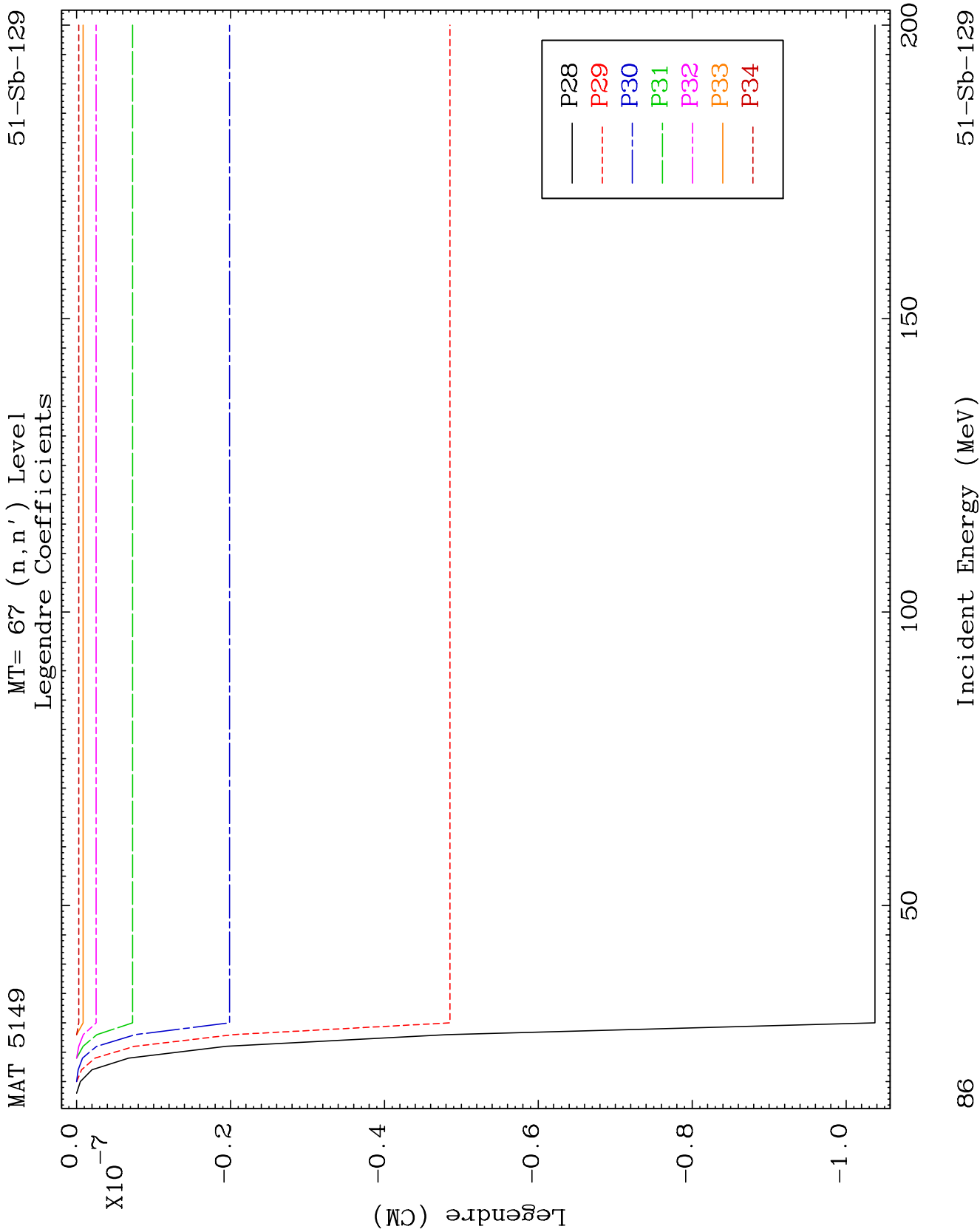
### Legendre Coefficients

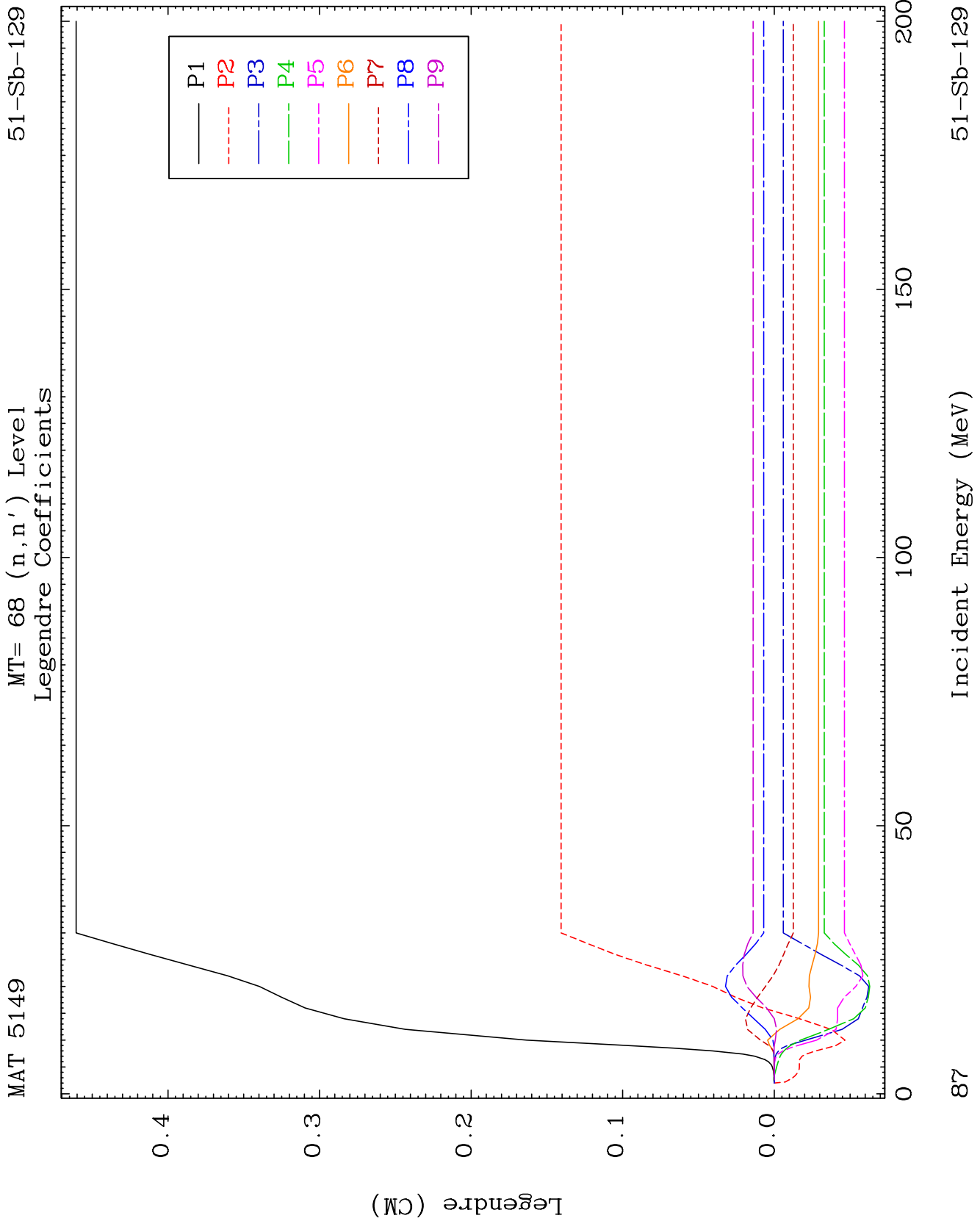




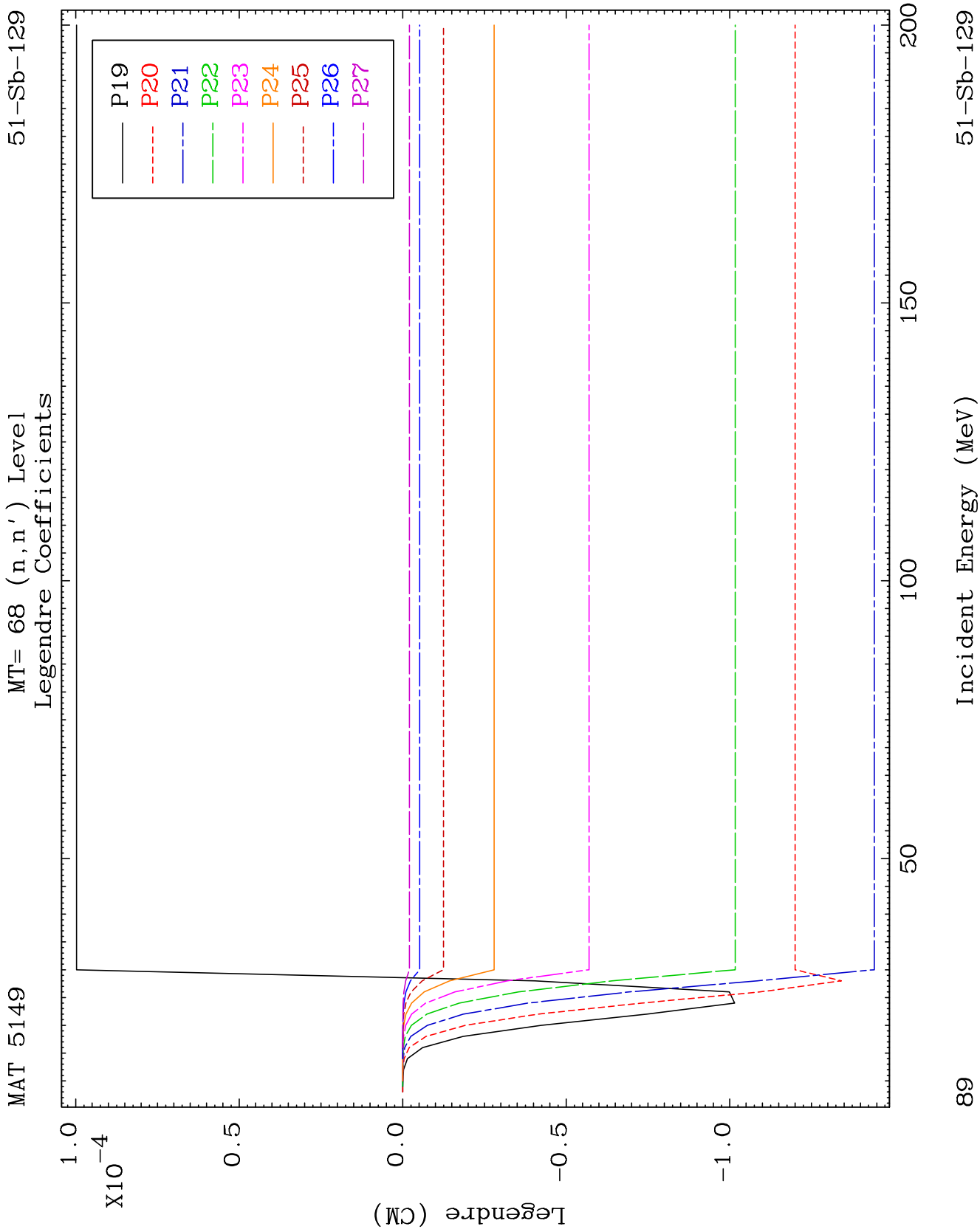


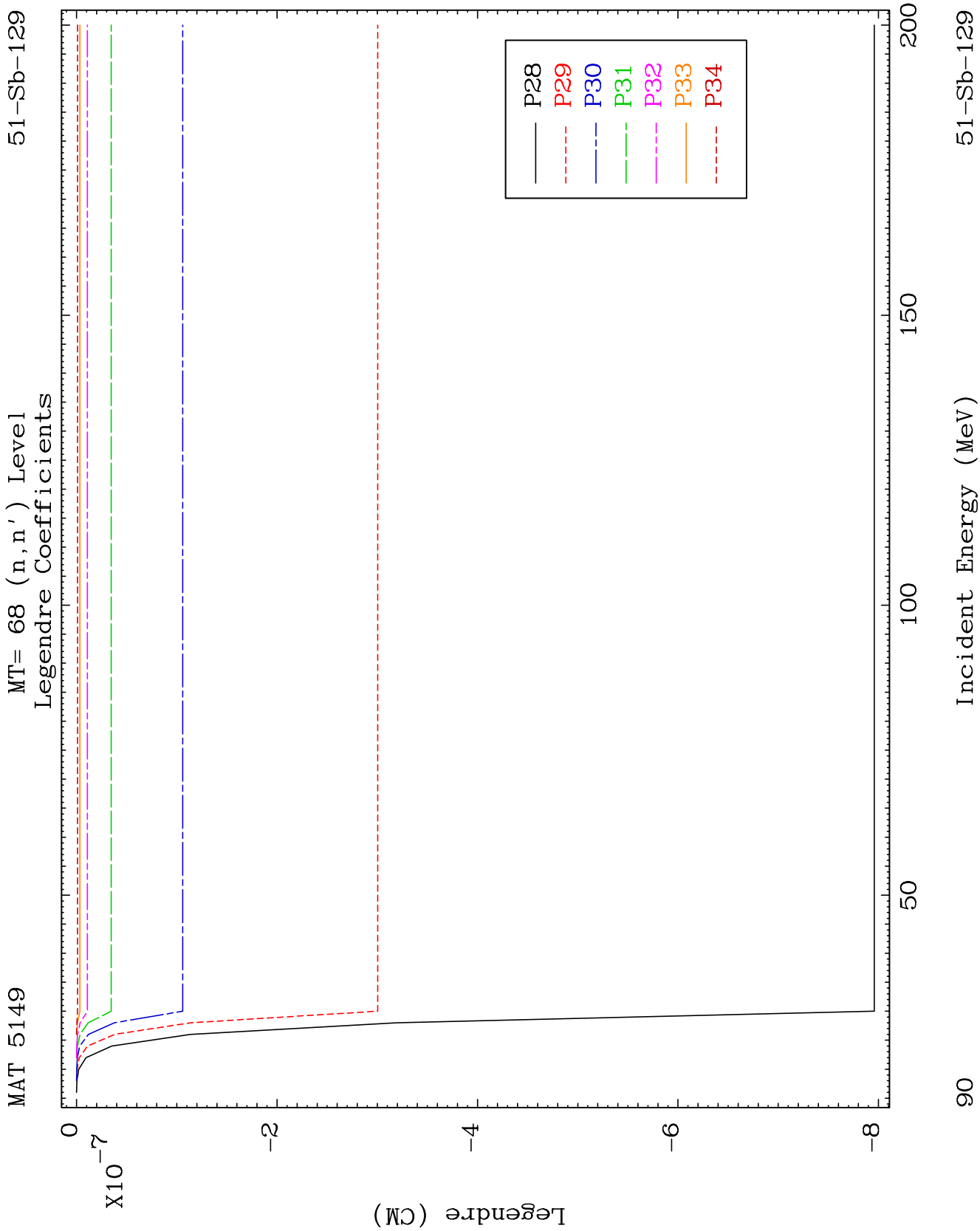


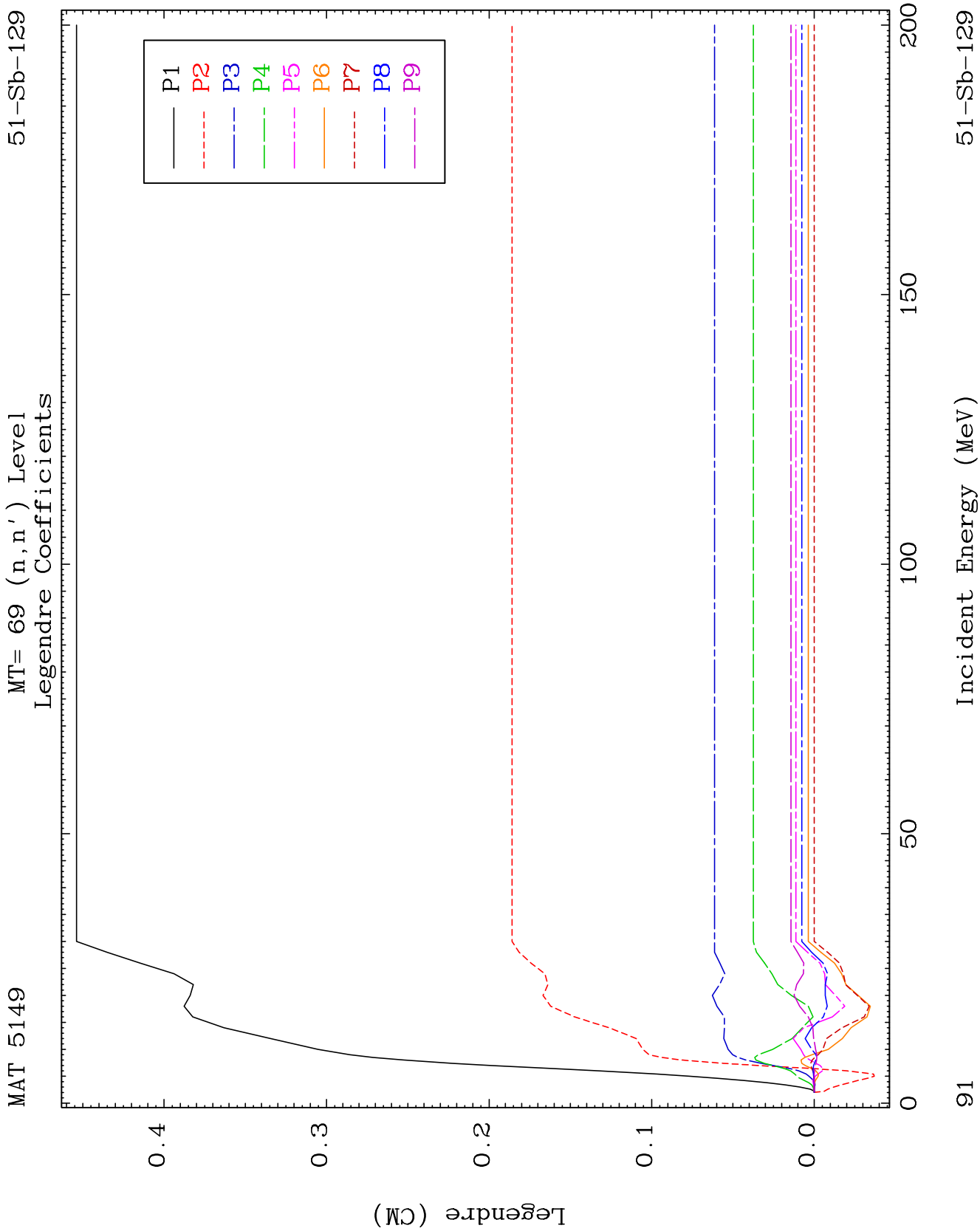


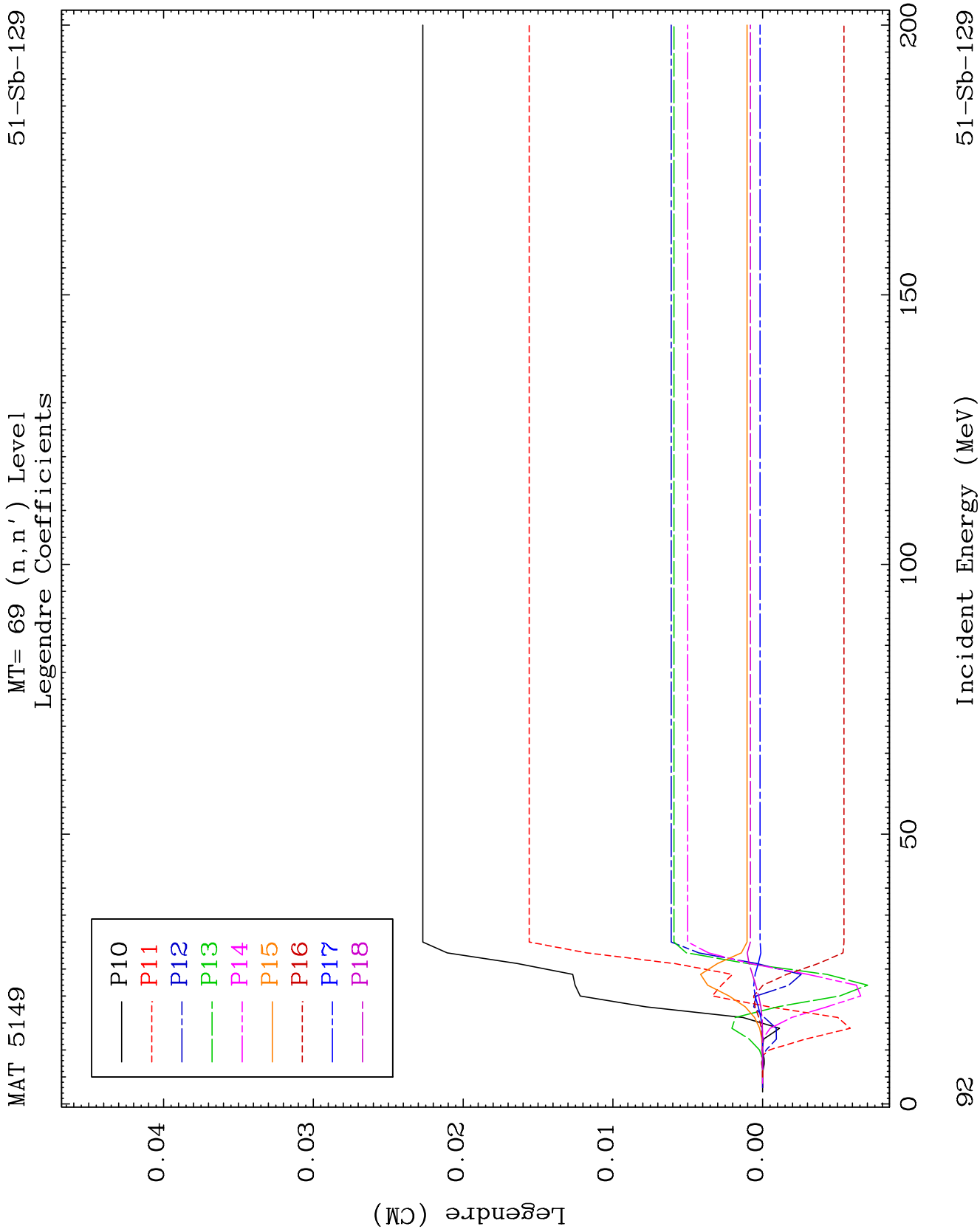


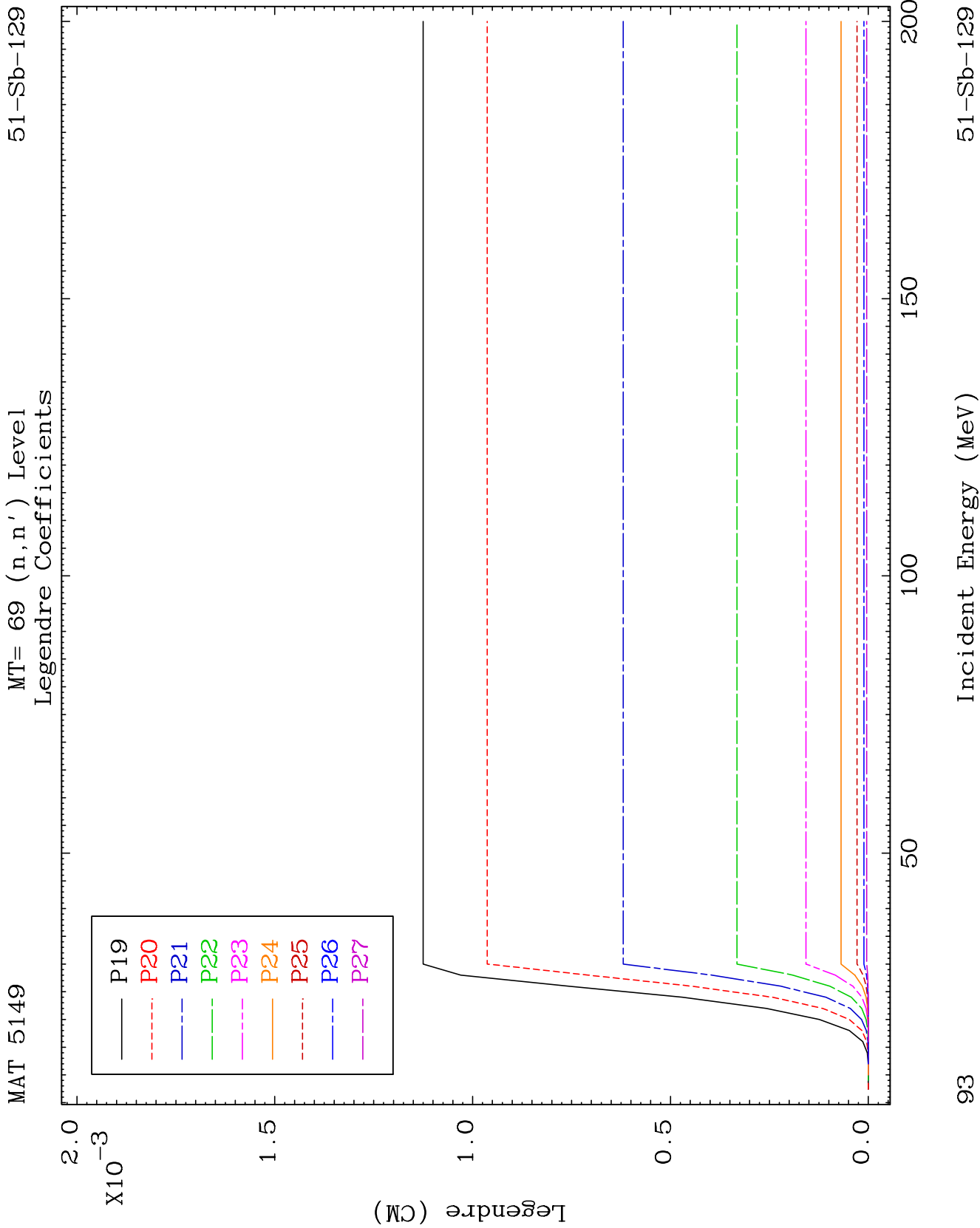


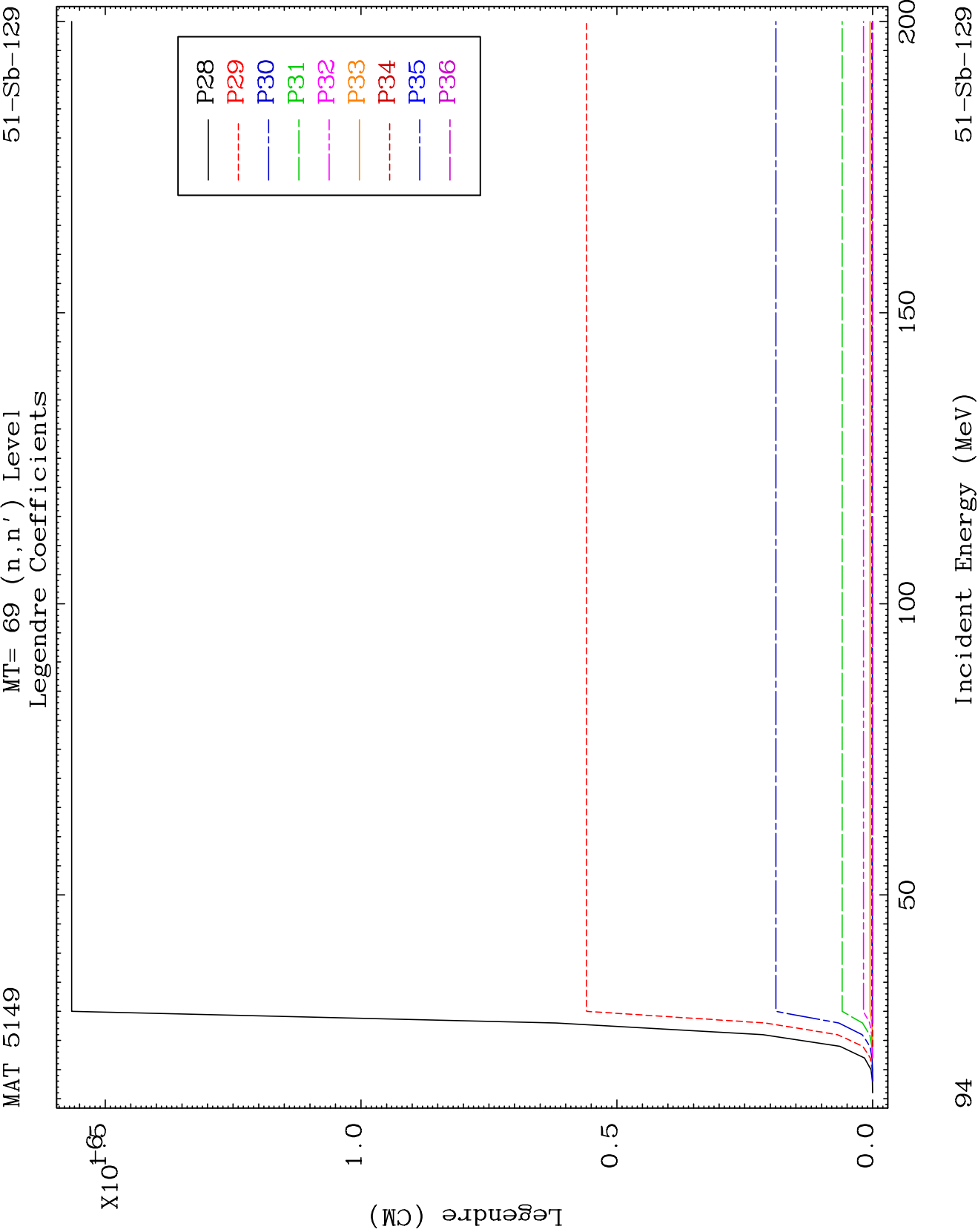


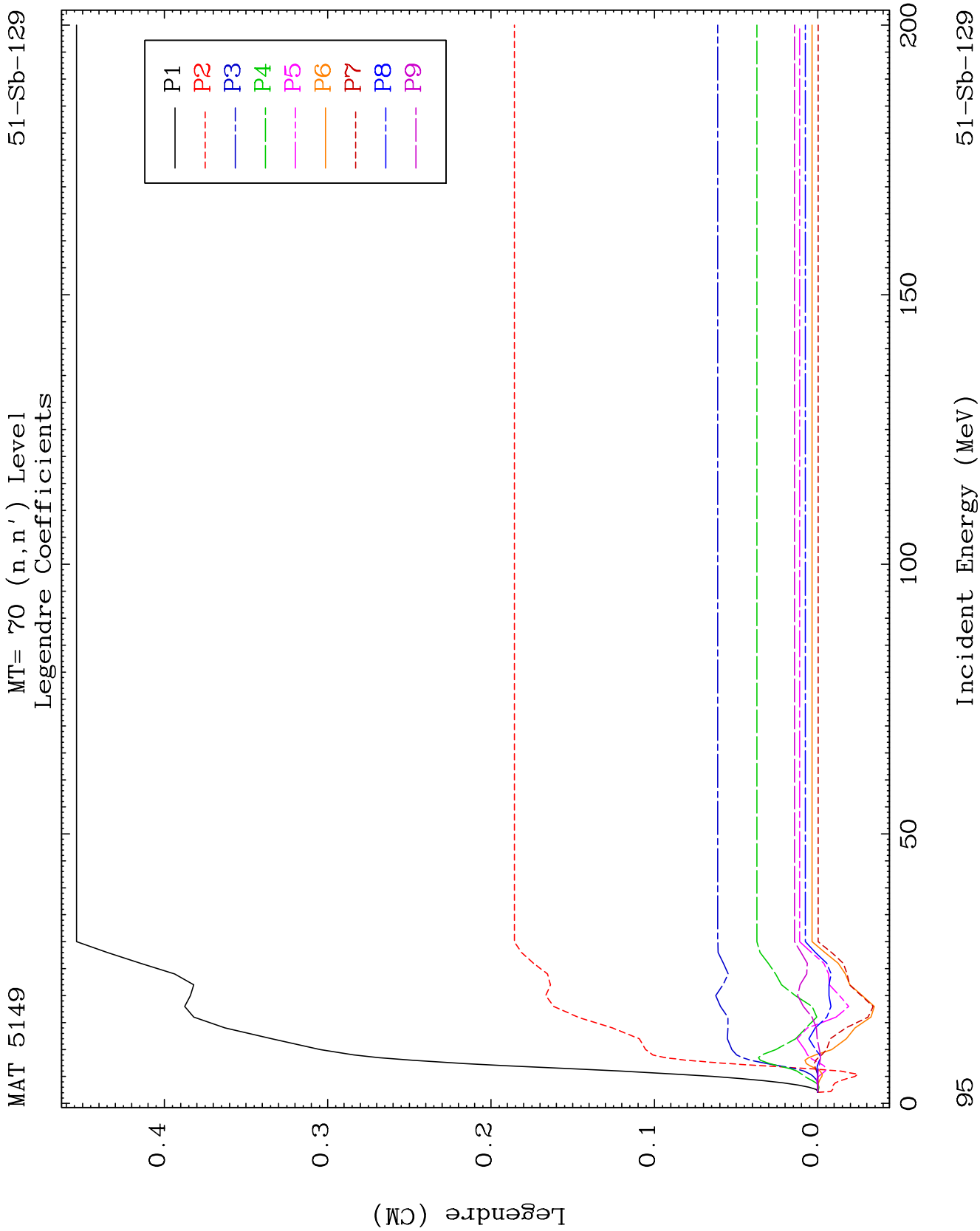


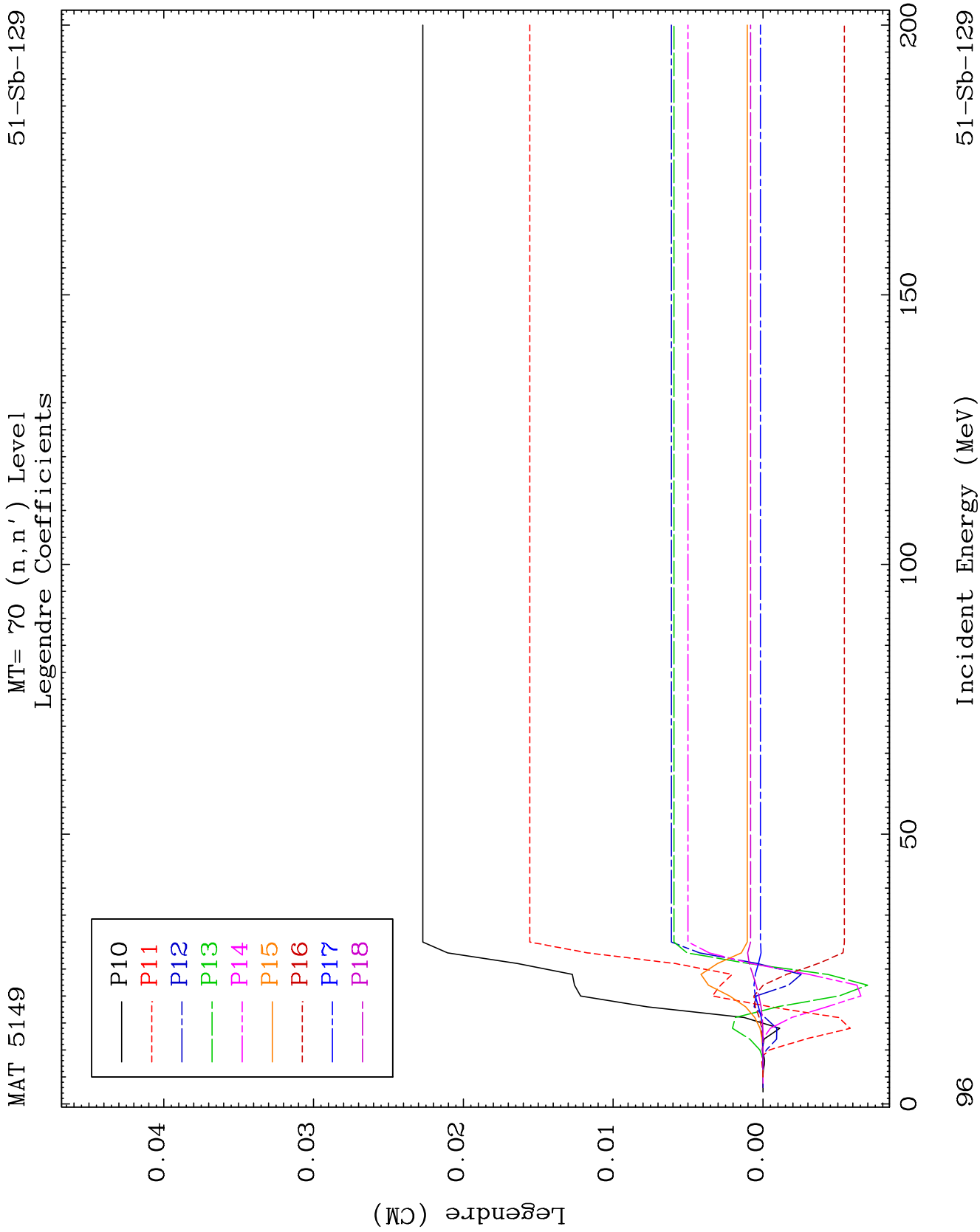








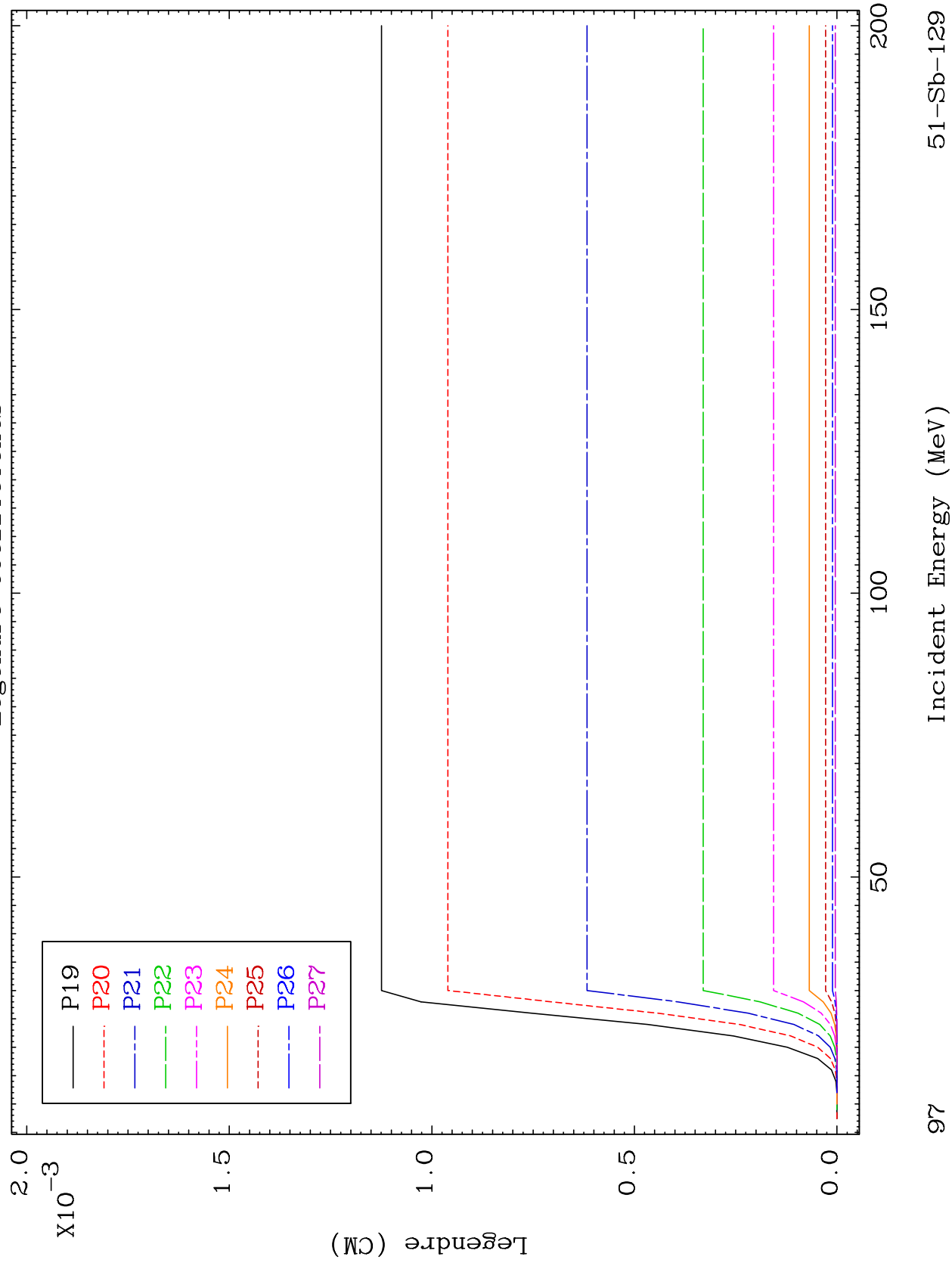




MAT 5149

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

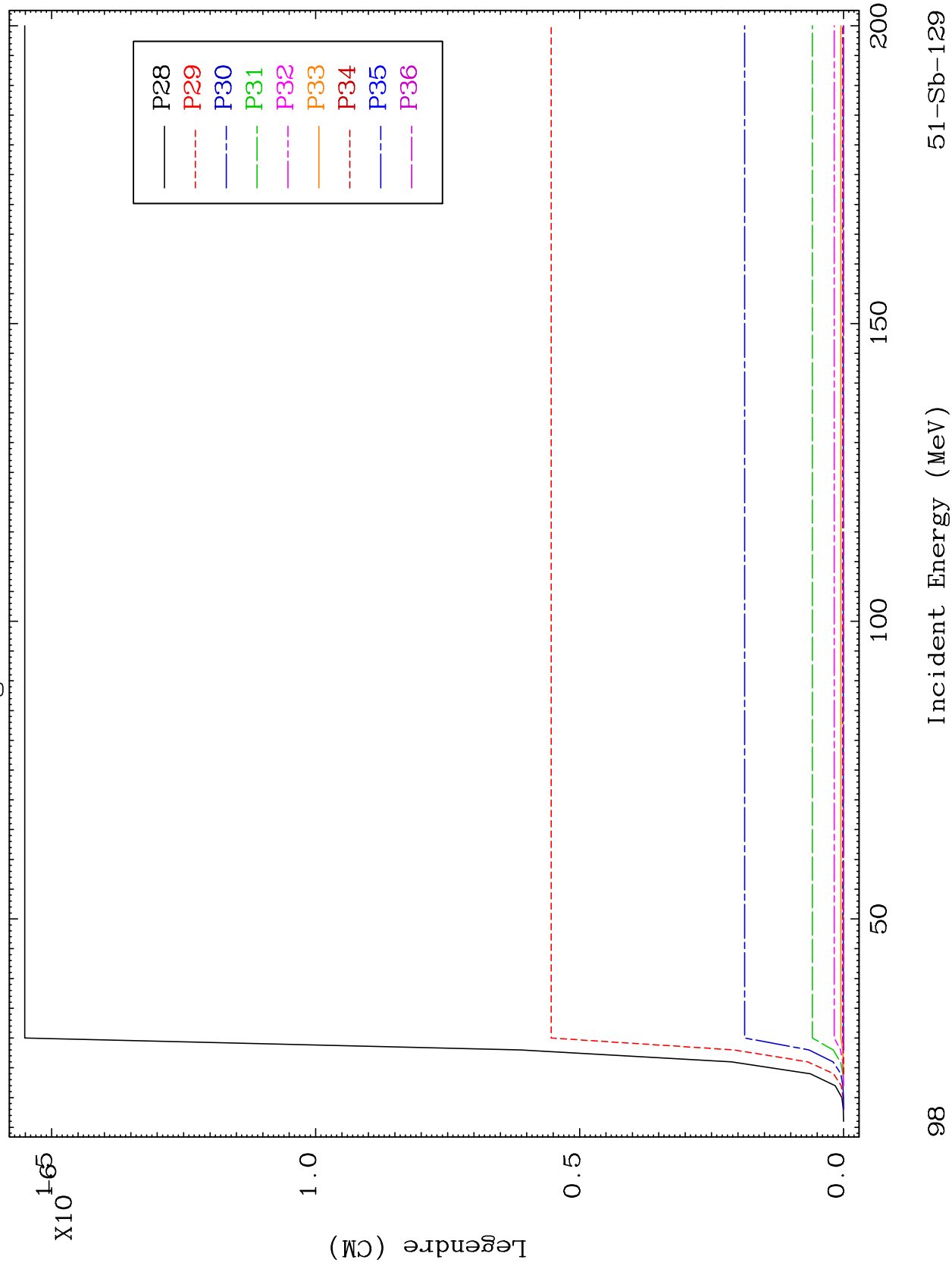
51-Sb-129



MAT 5149

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

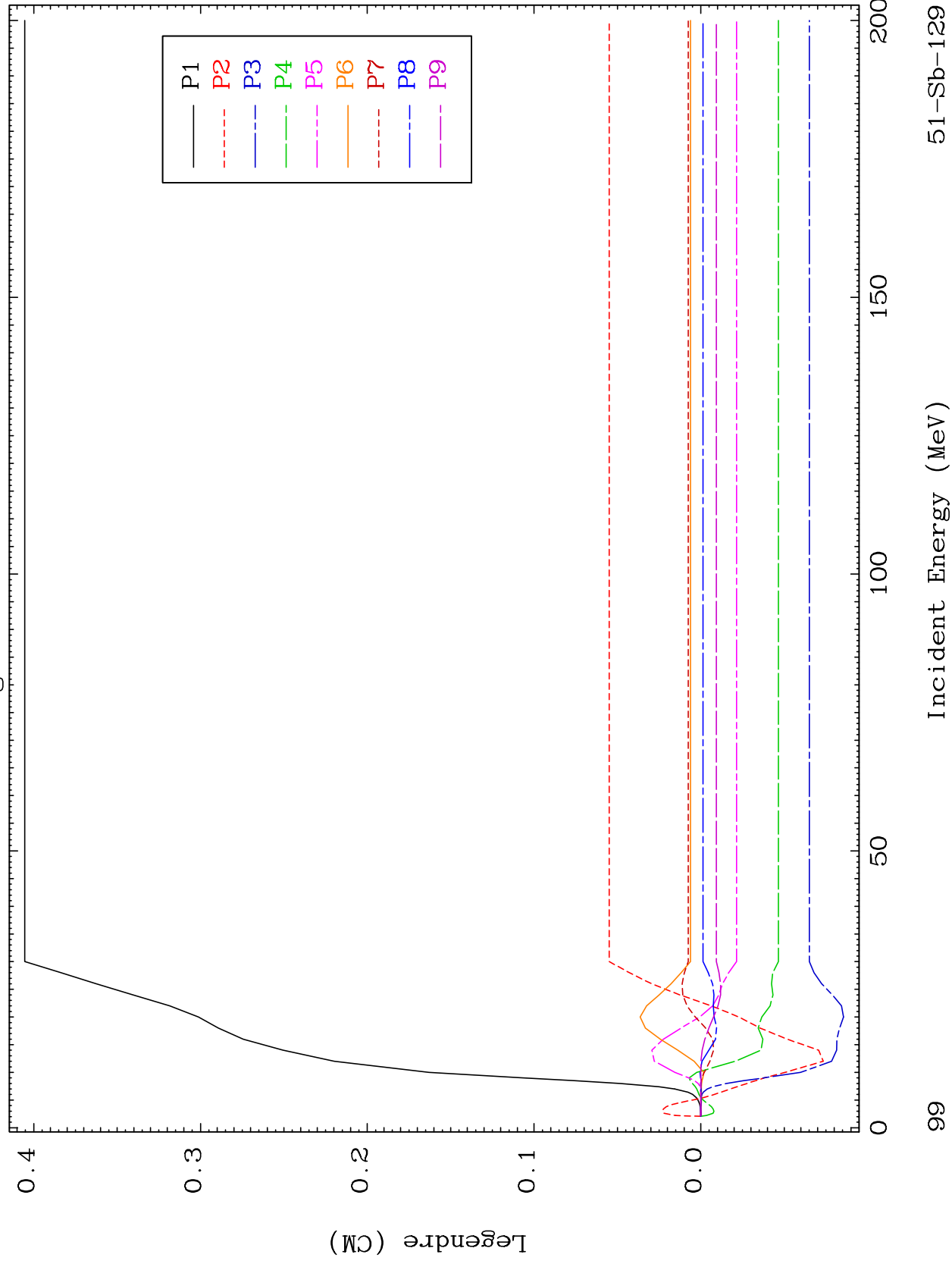
51-Sb-129



MAT 5149

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

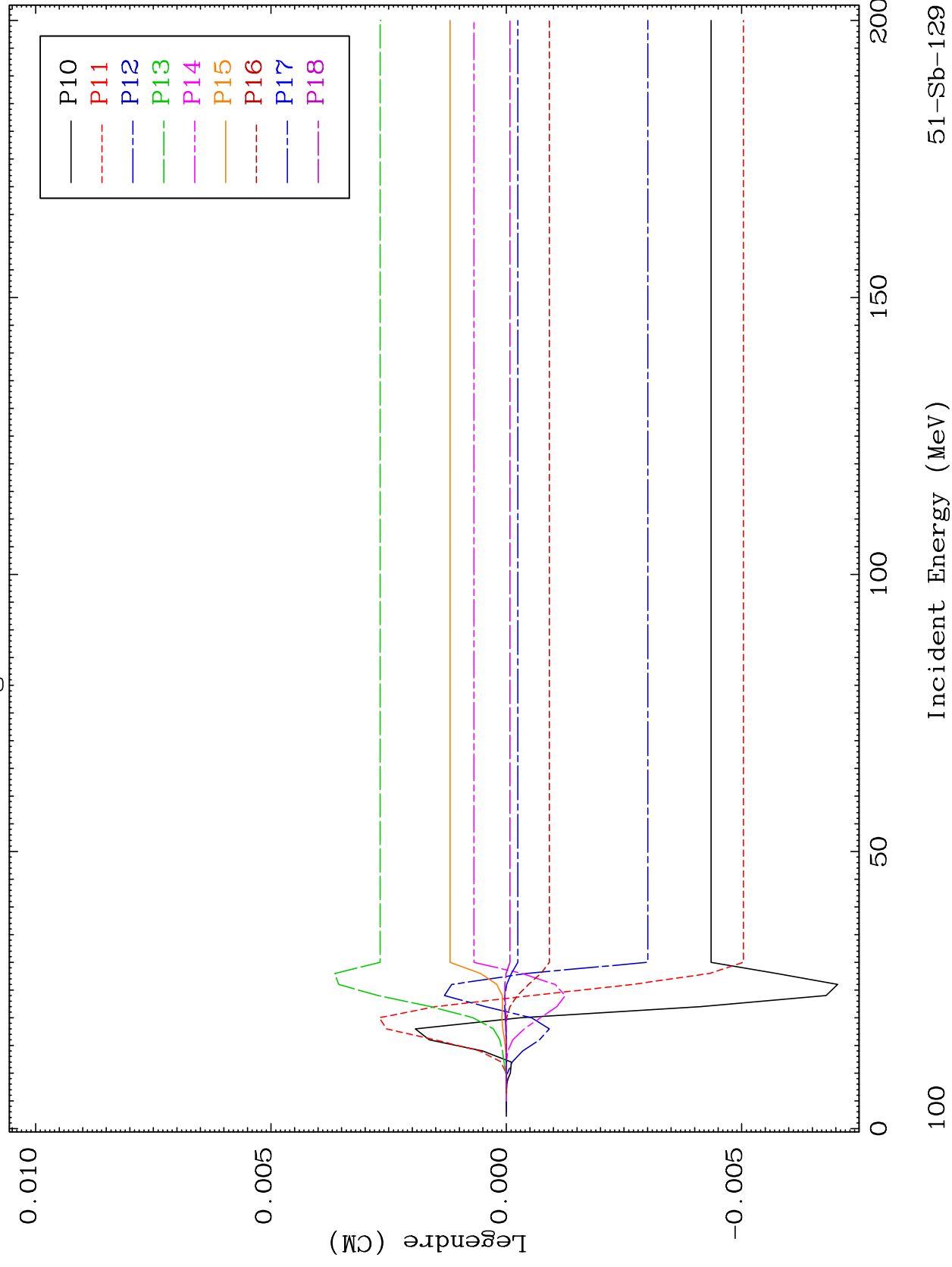
51-Sb-129

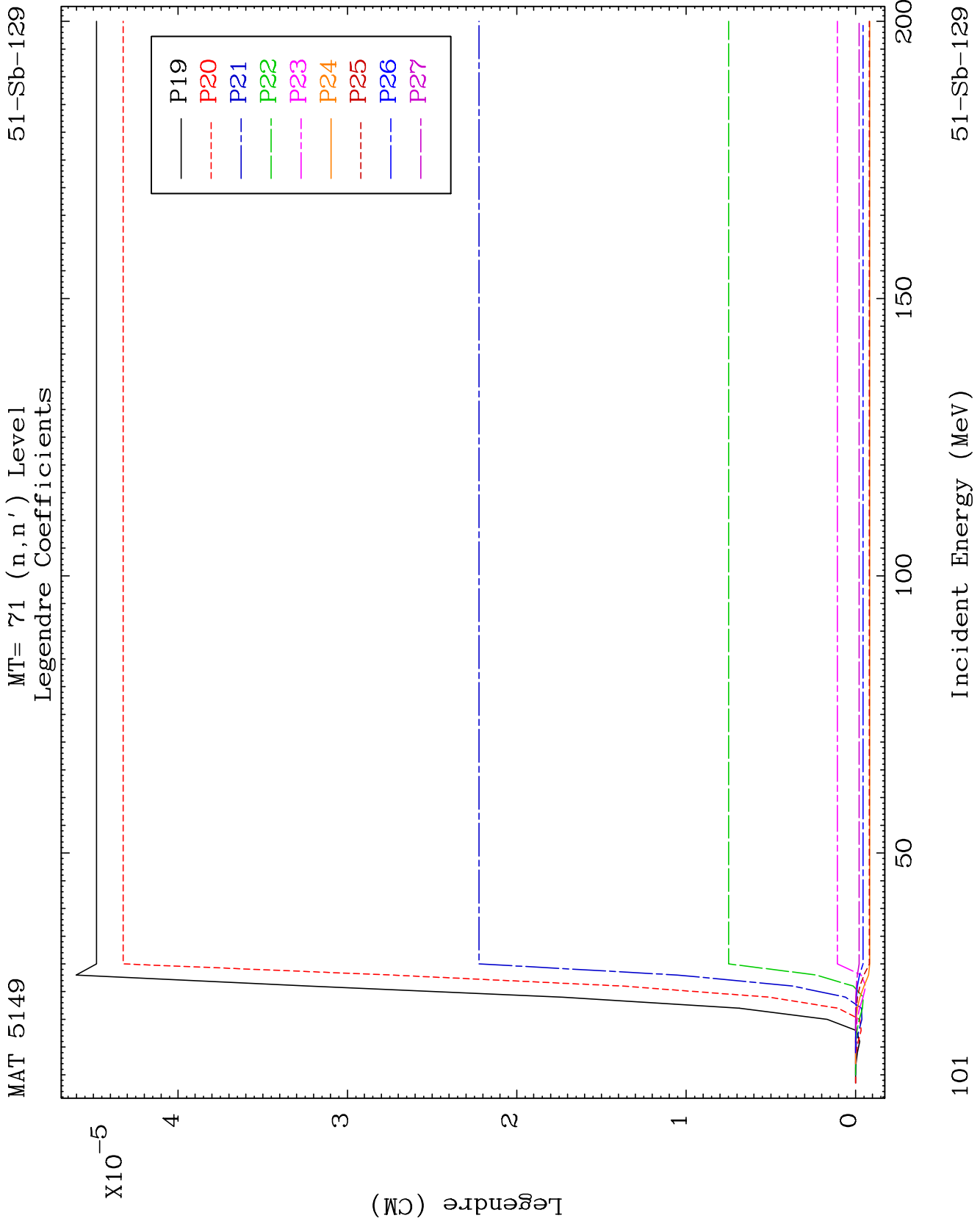


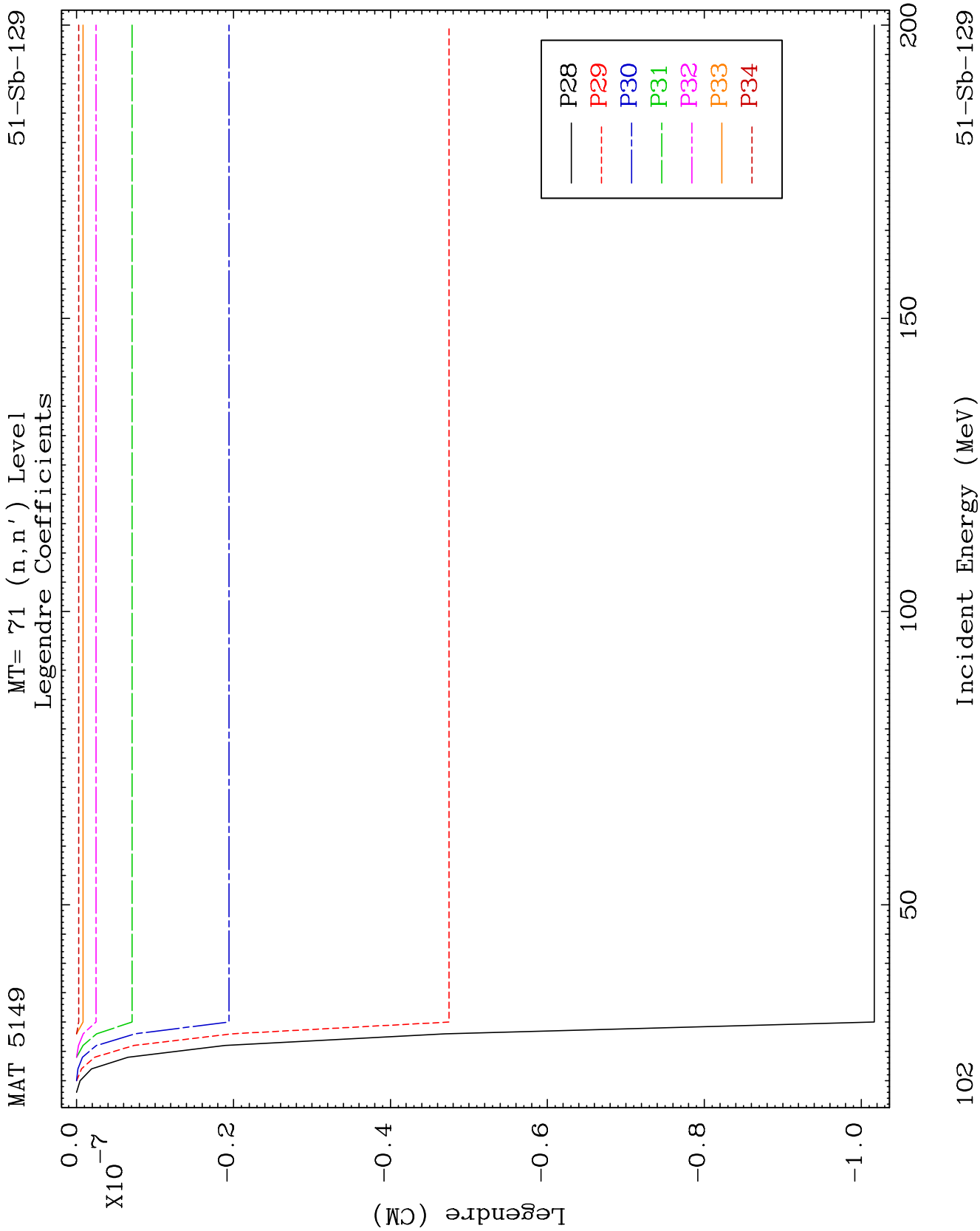
MAT 5149

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

51-Sb-129



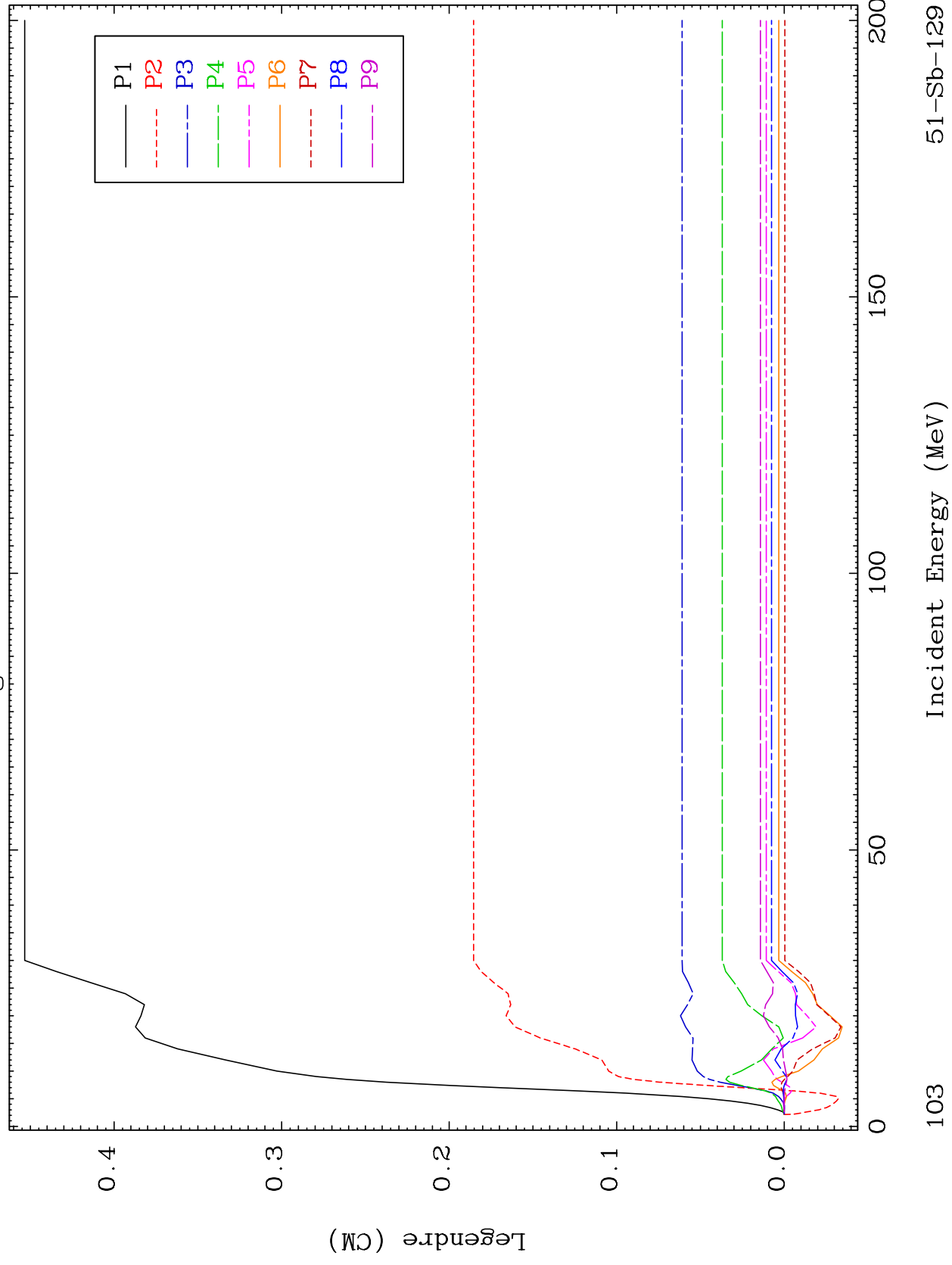




MAT 5149

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

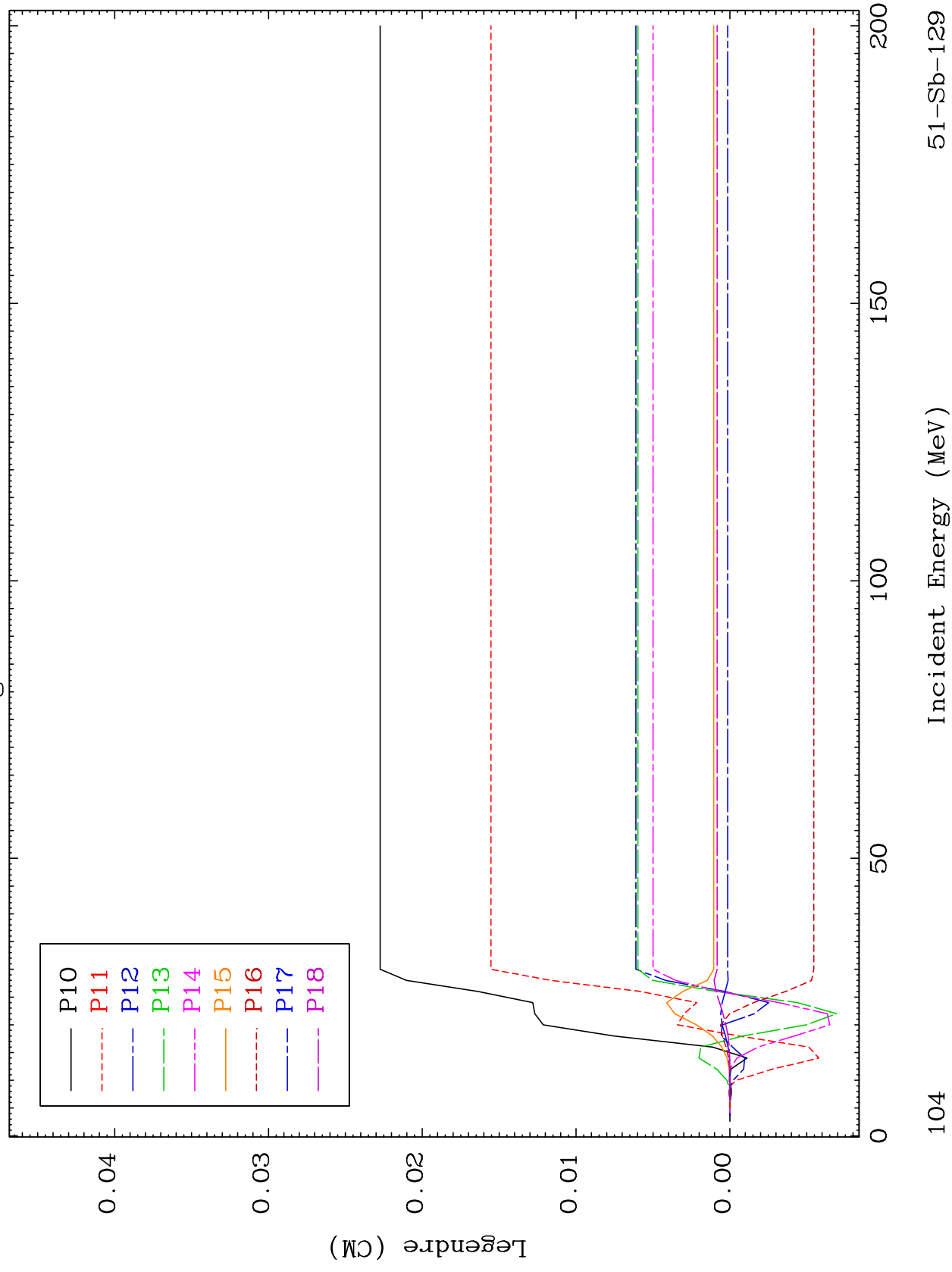
51-Sb-129

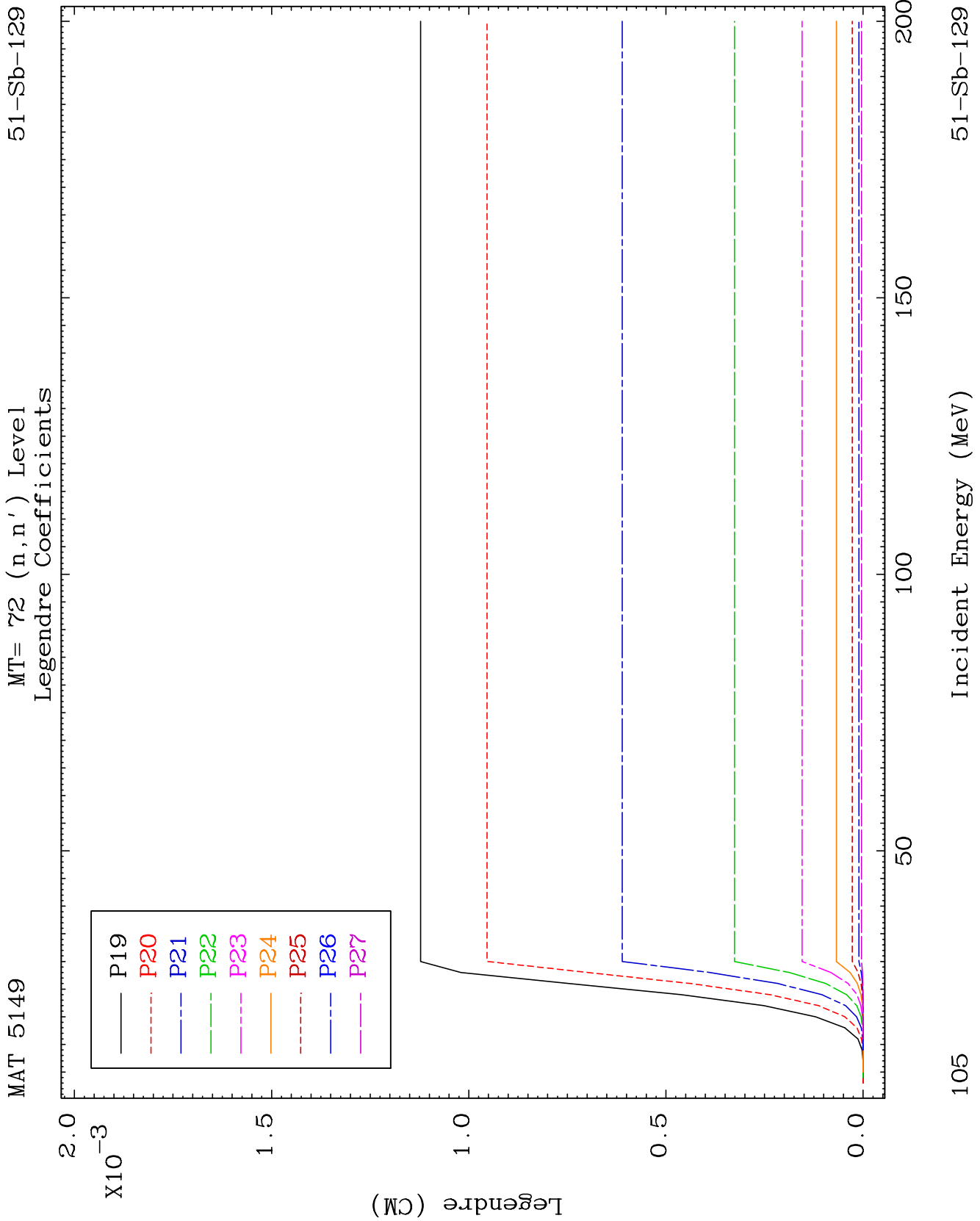


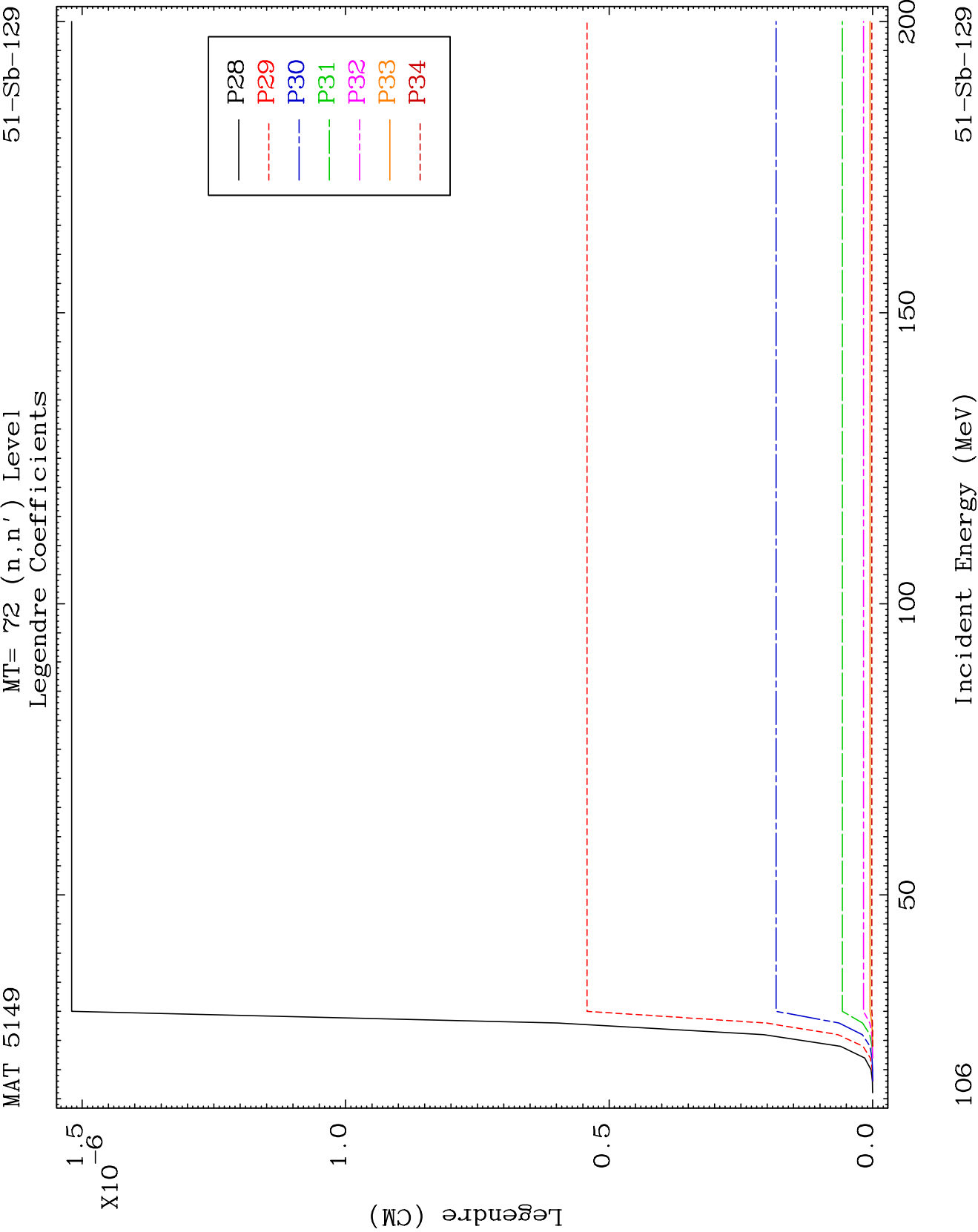
MAT 5149

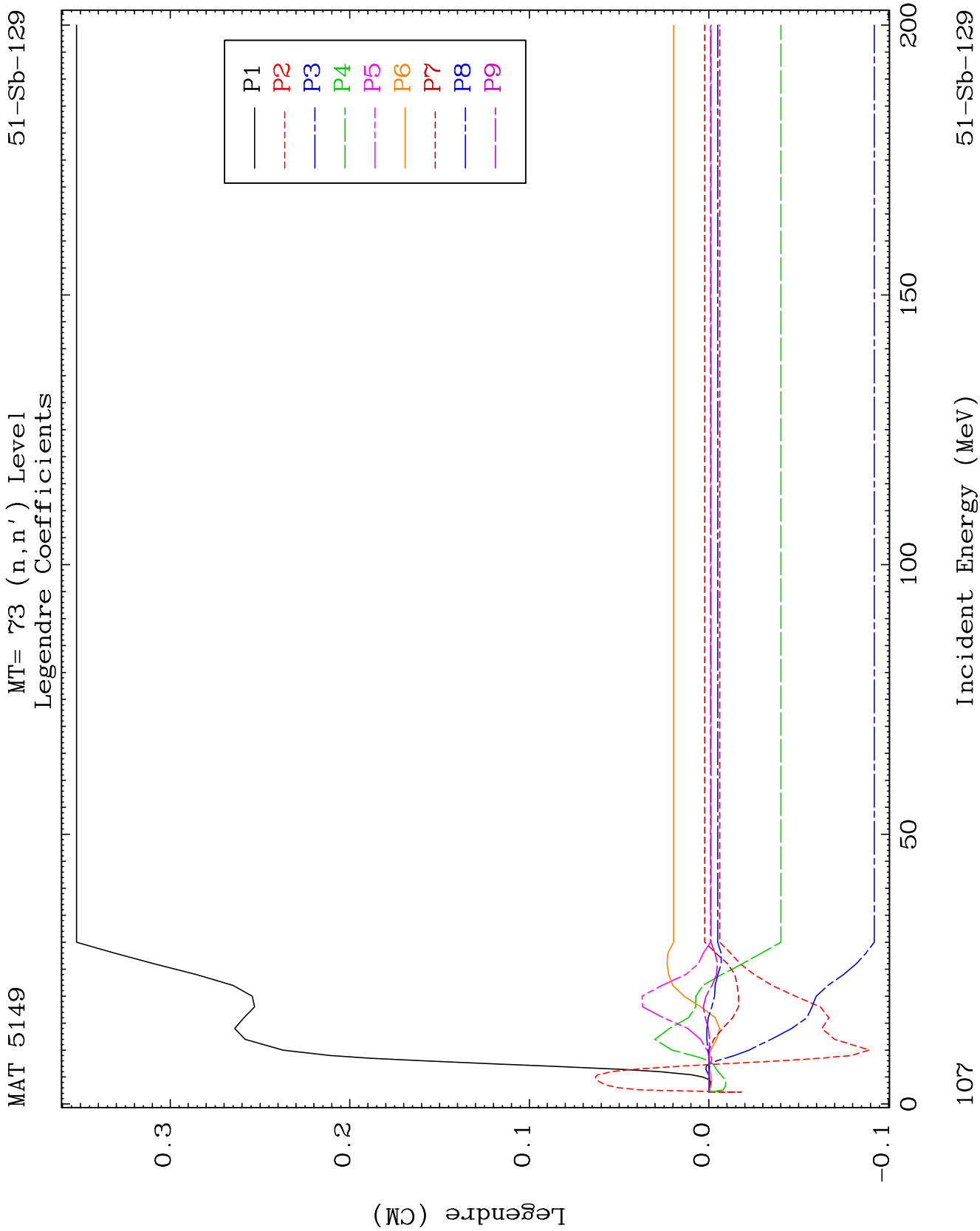
MT= 72 (n, n') Level  
Legendre Coefficients

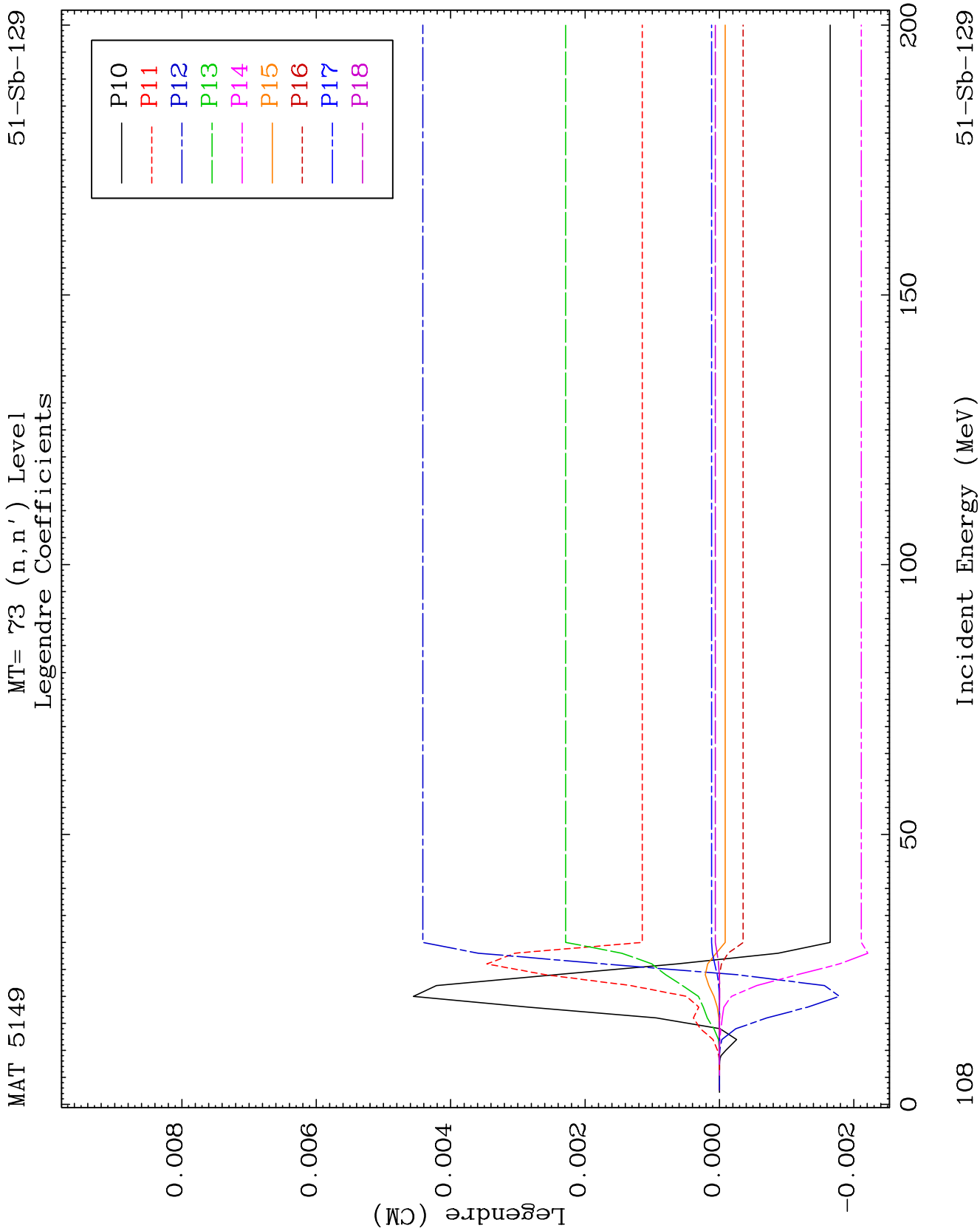
51-Sb-129

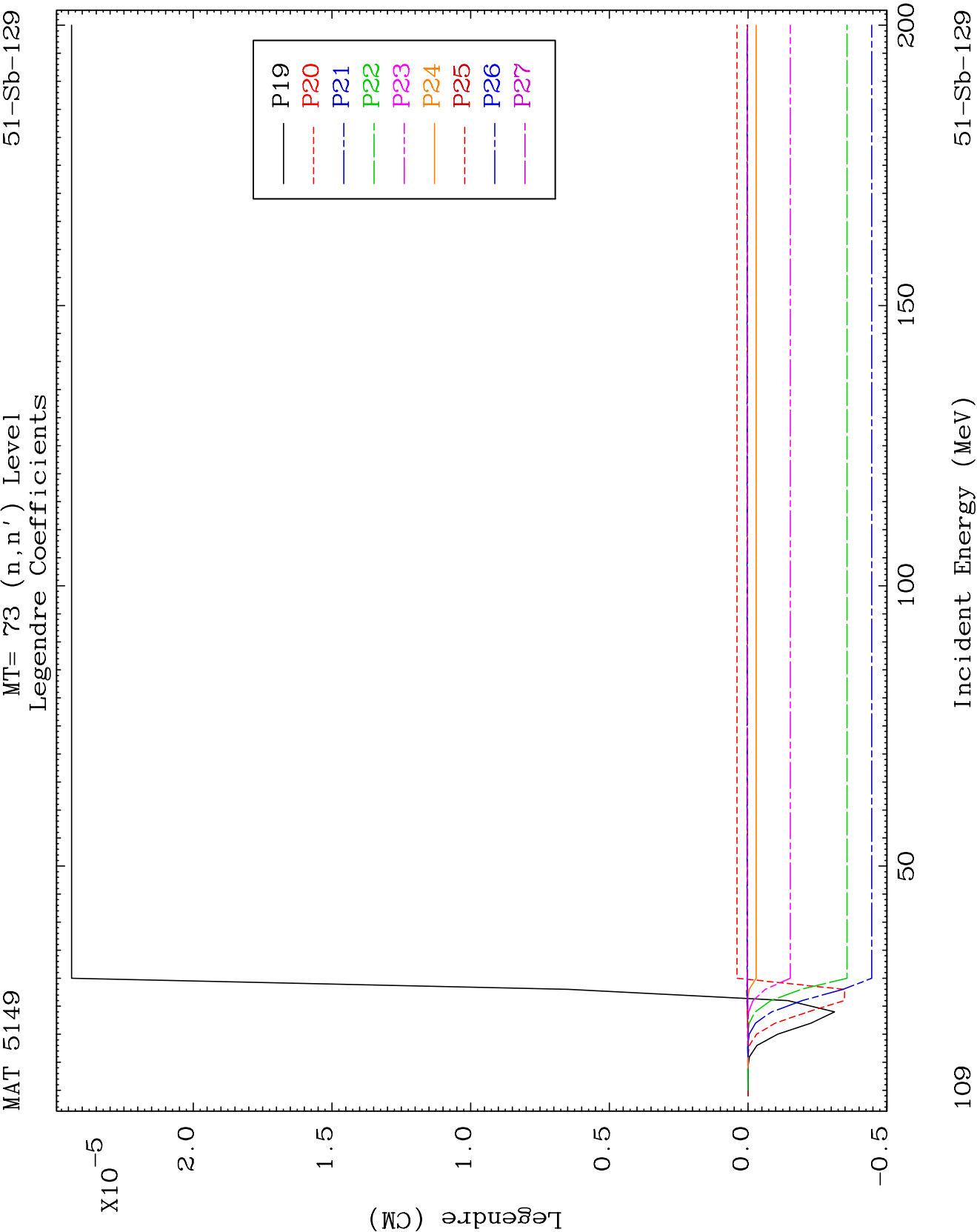


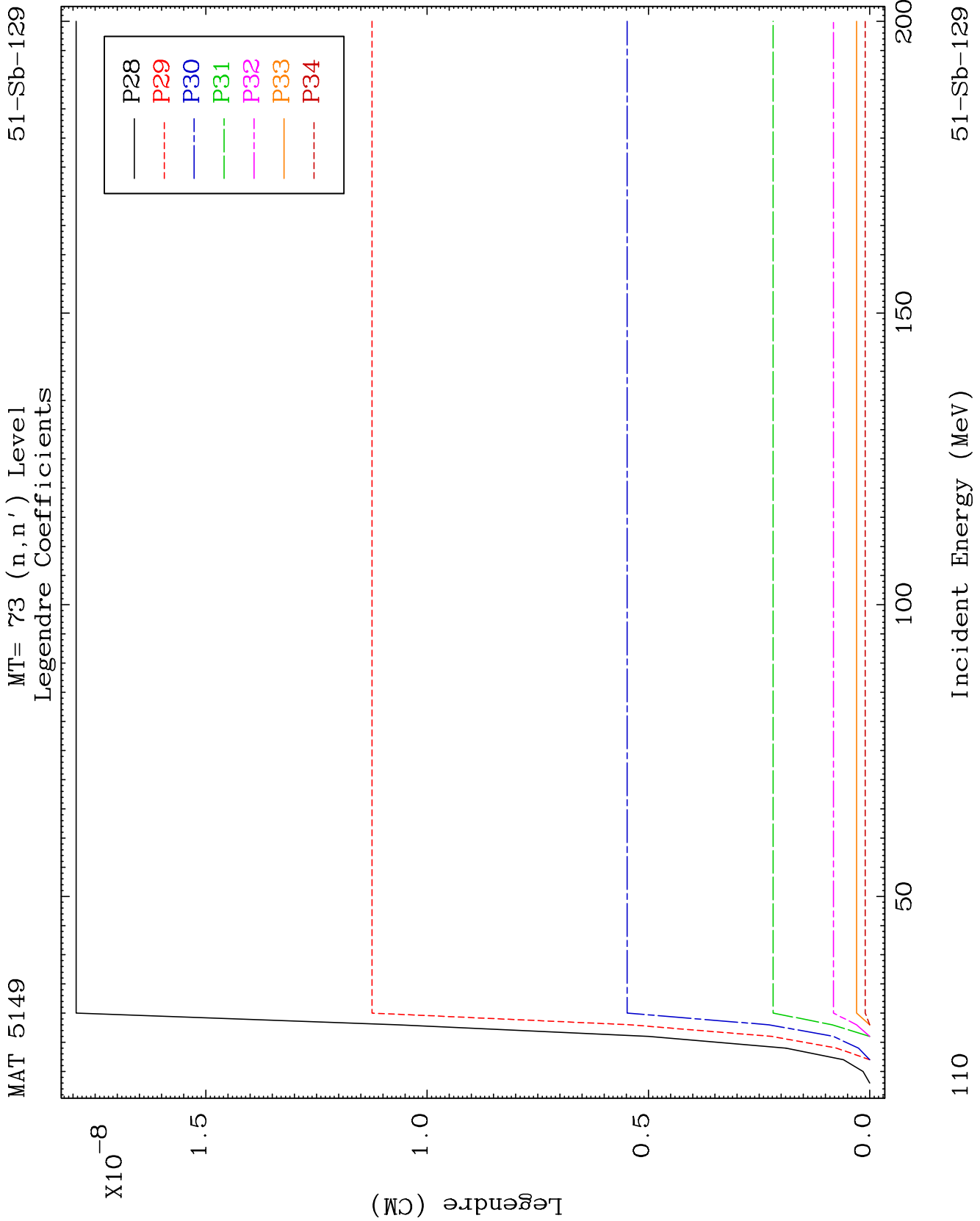


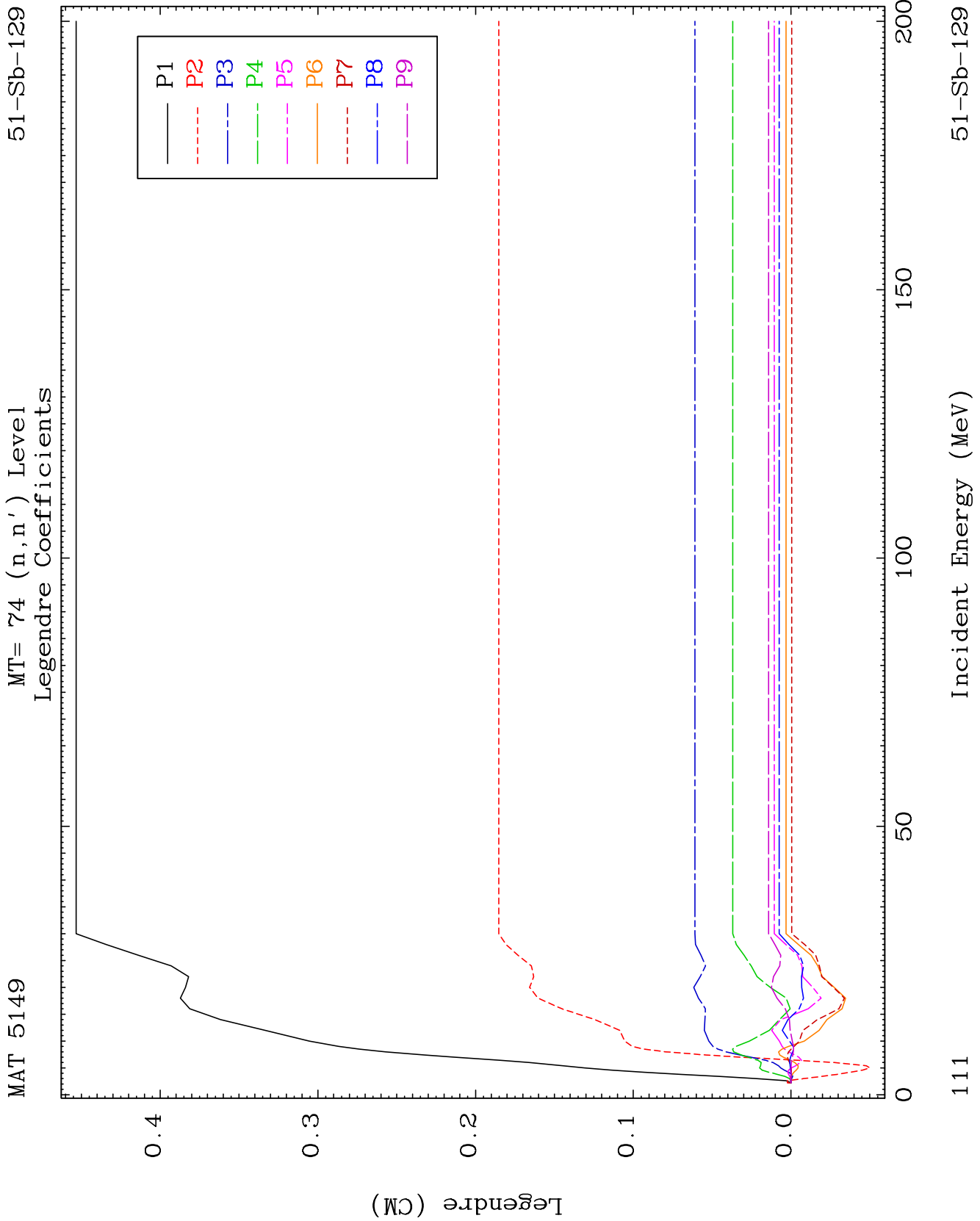


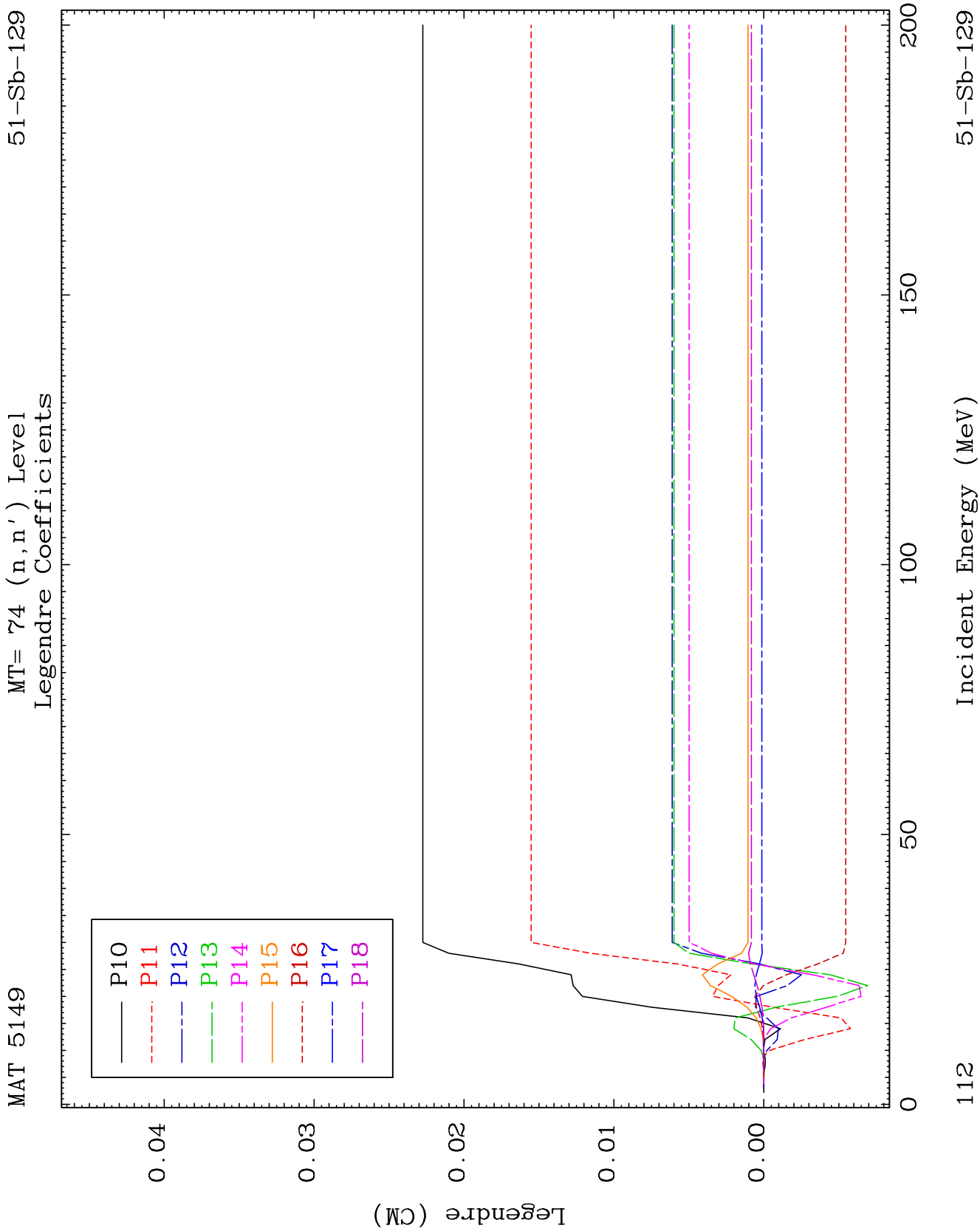








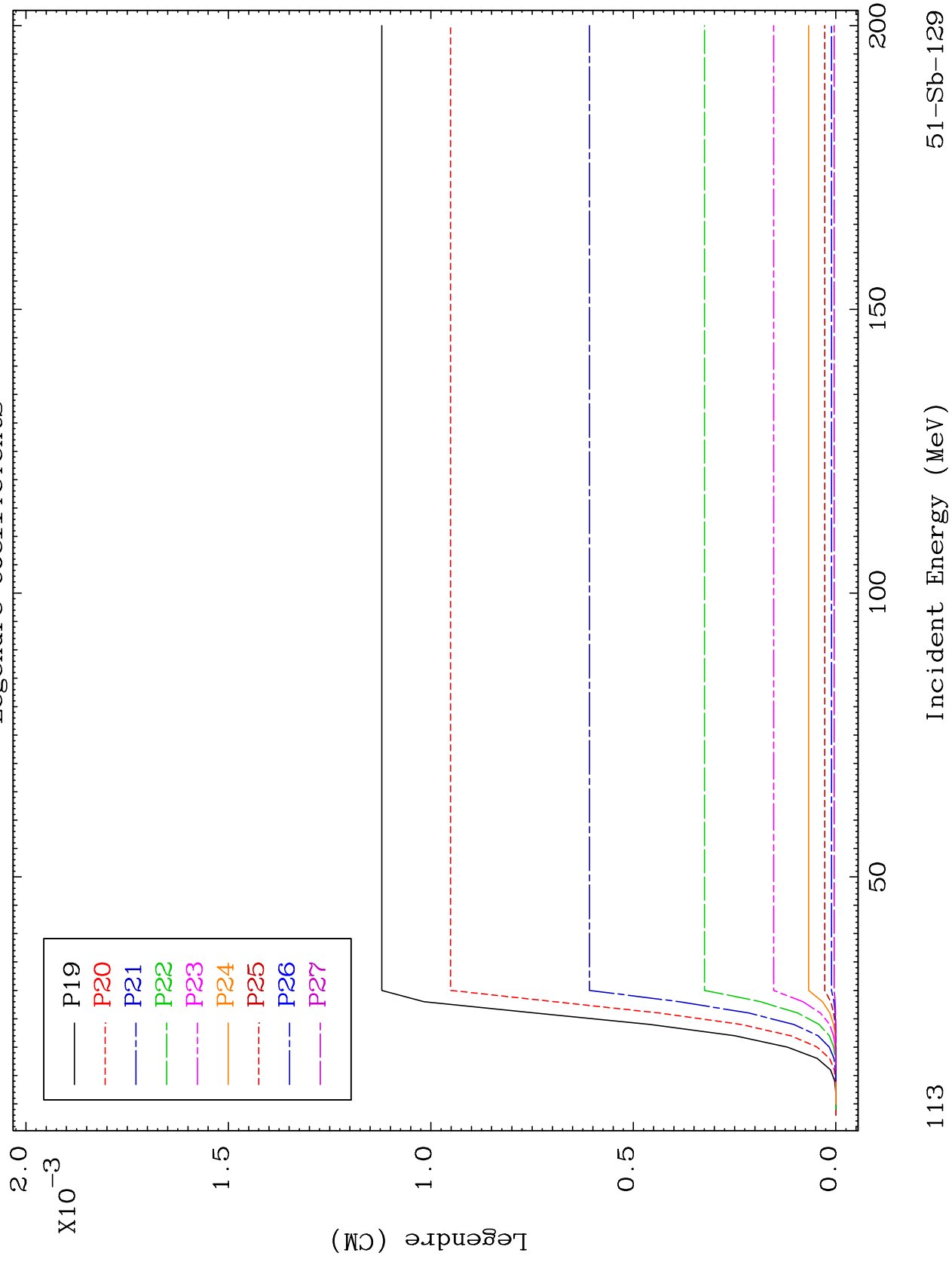


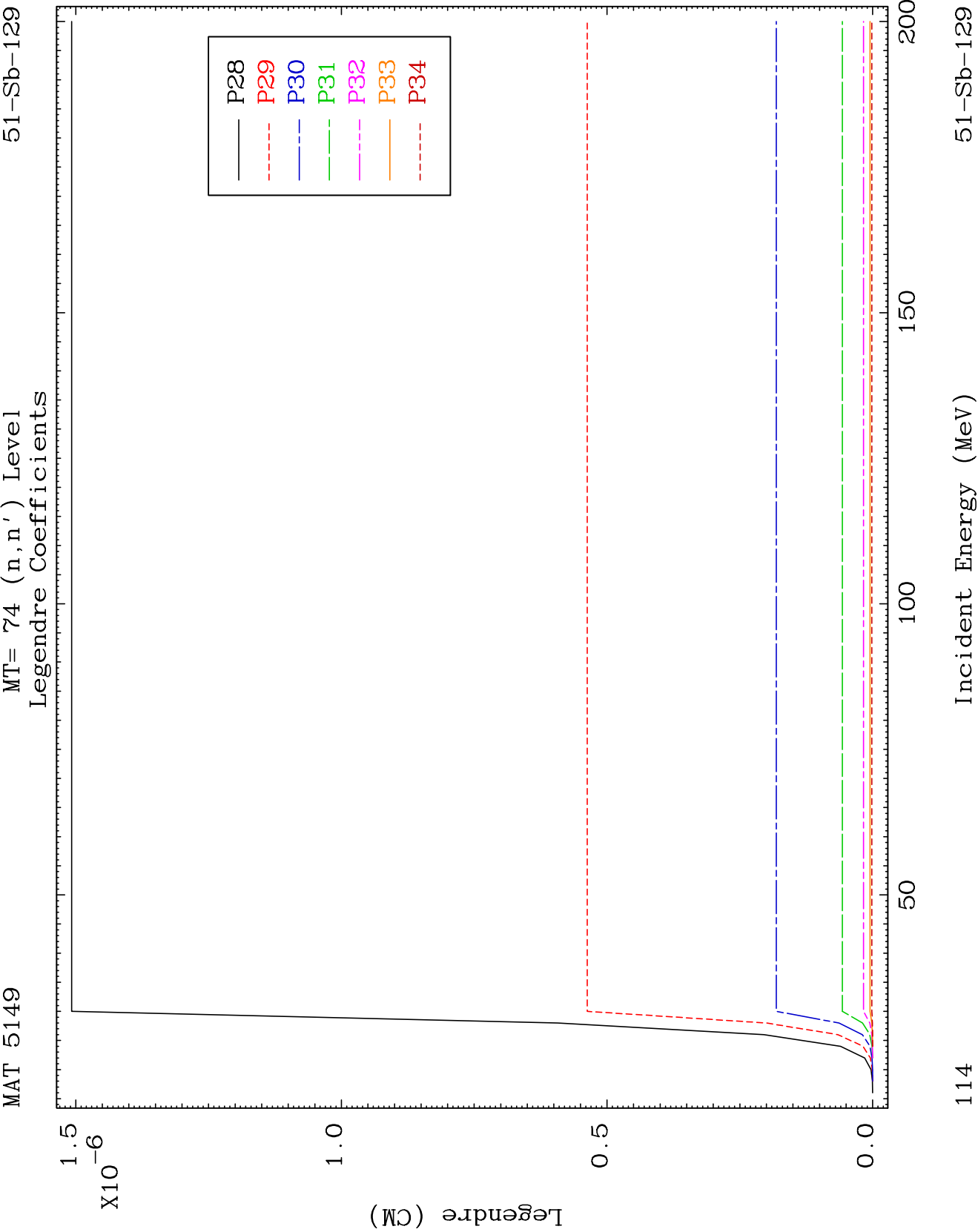


MAT 5149

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

51-Sb-129

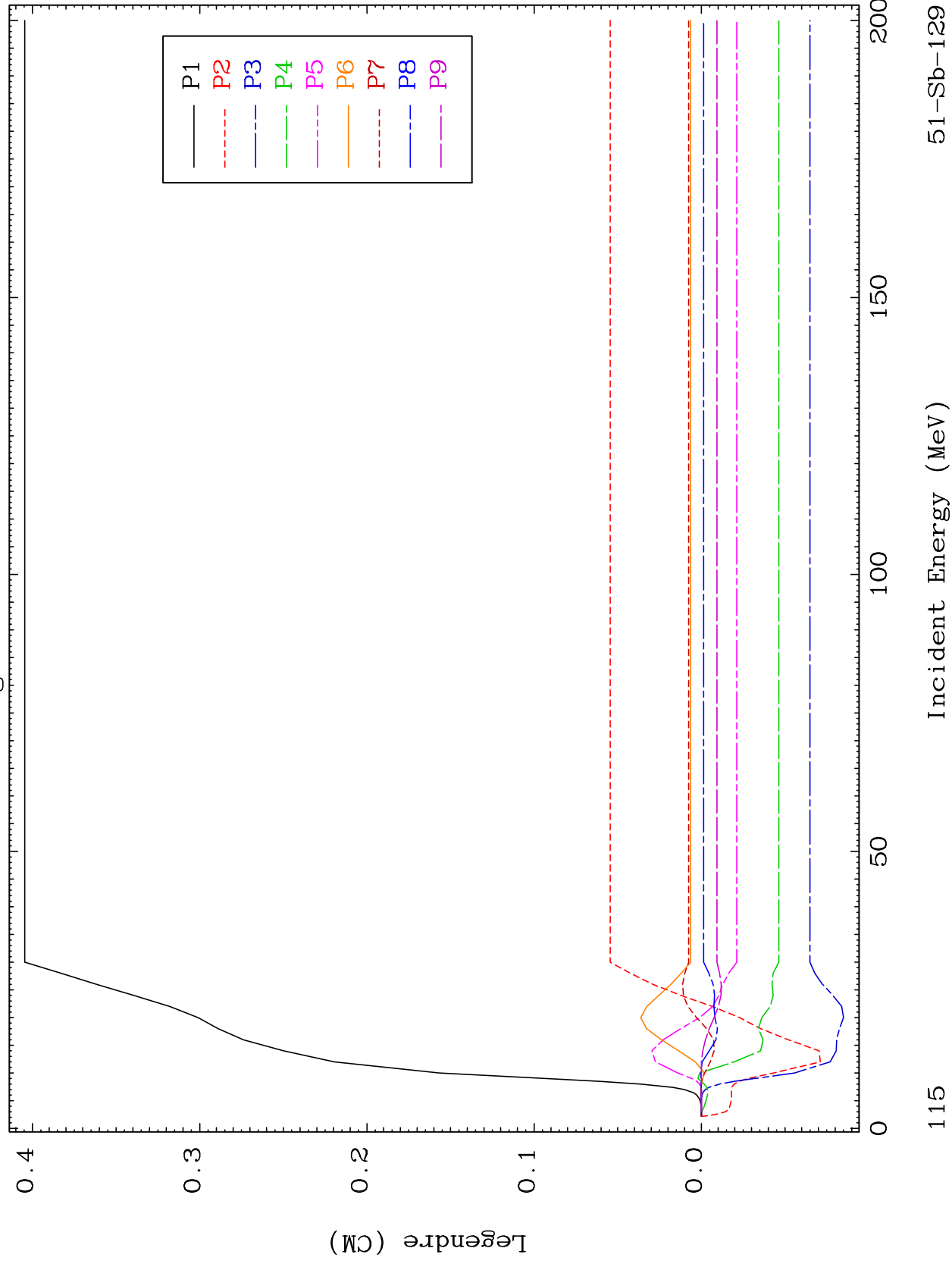




MAT 5149

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

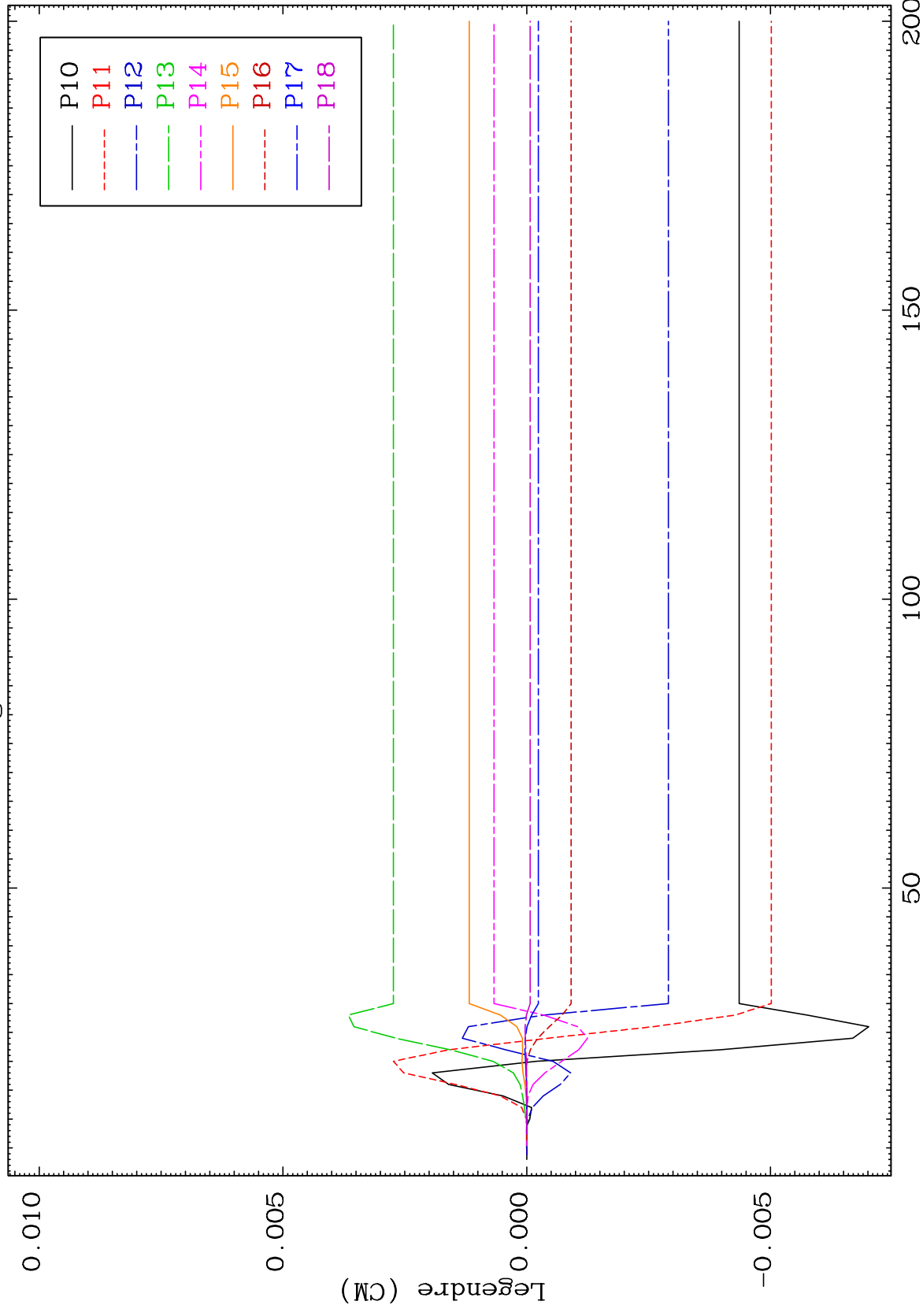
51-Sb-129



MAT 5149

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

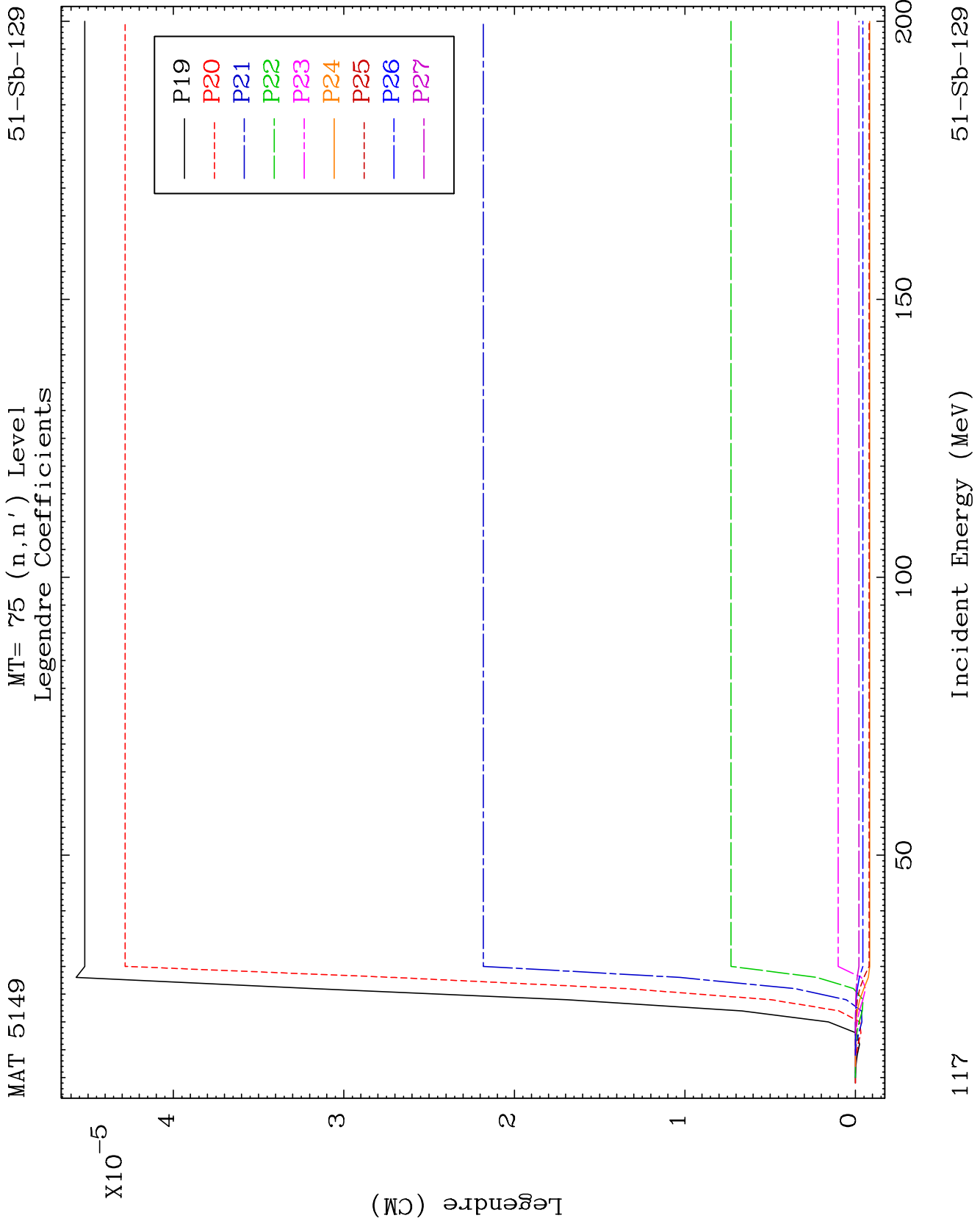
51-Sb-129

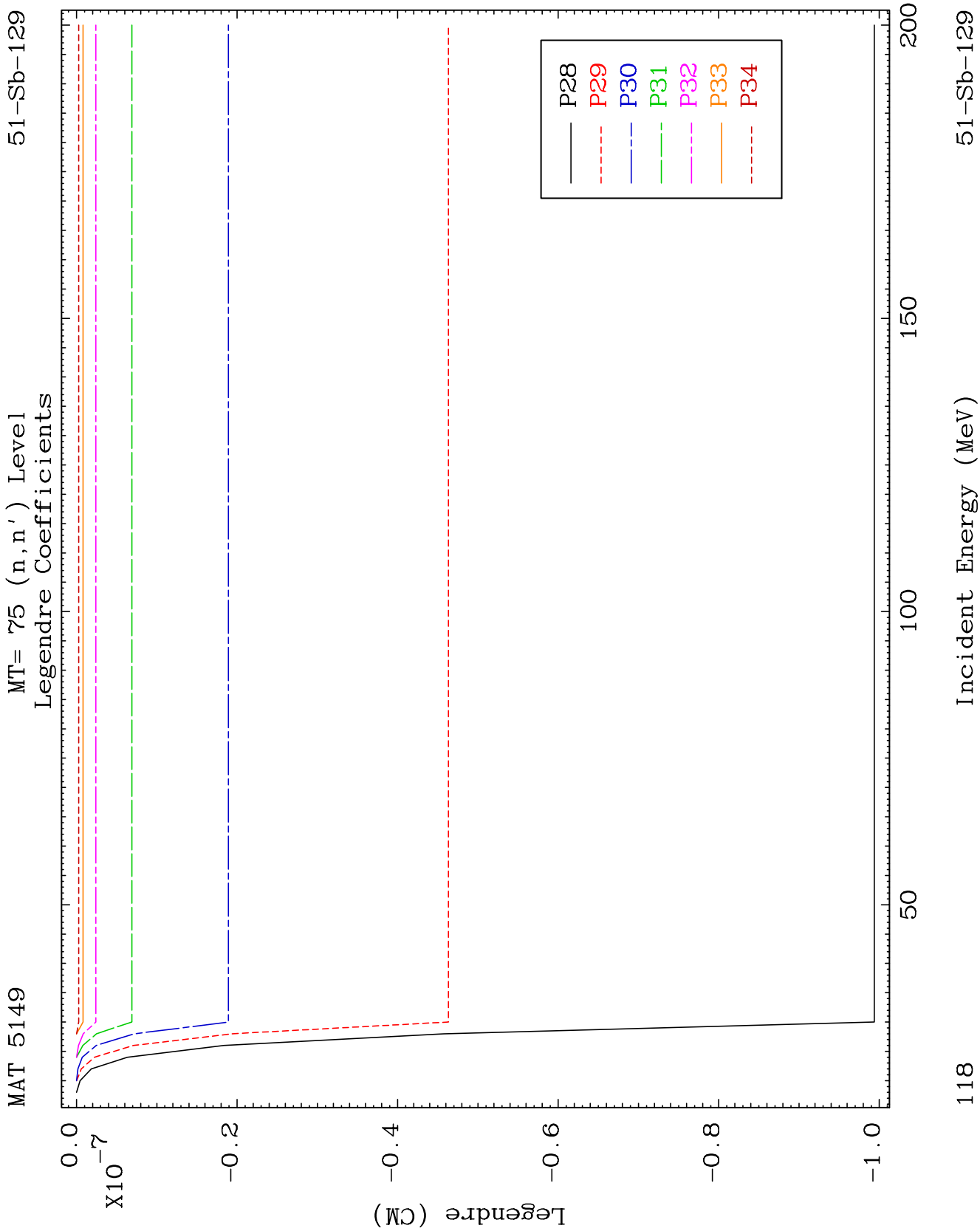


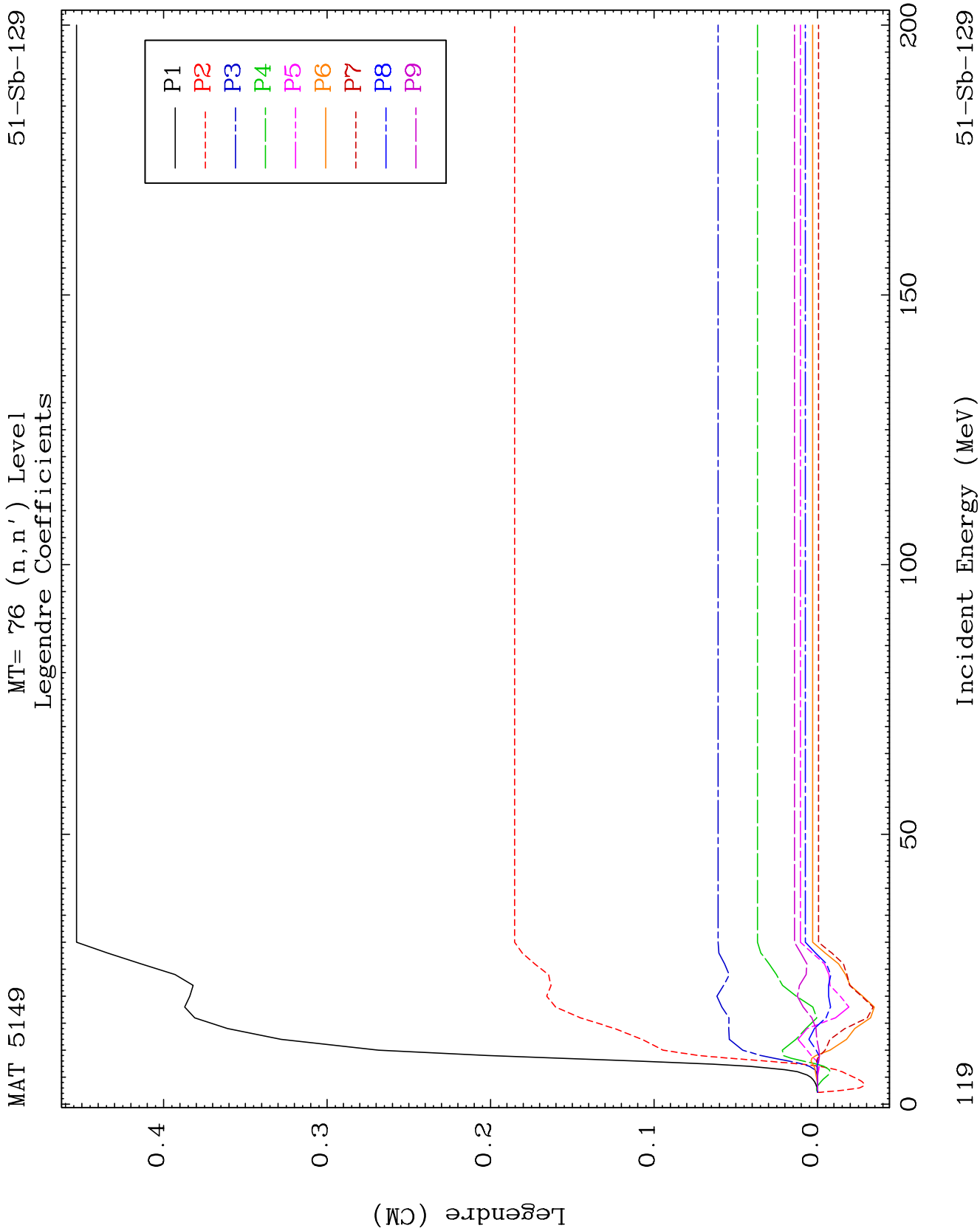
116

Incident Energy (MeV)

51-Sb-129



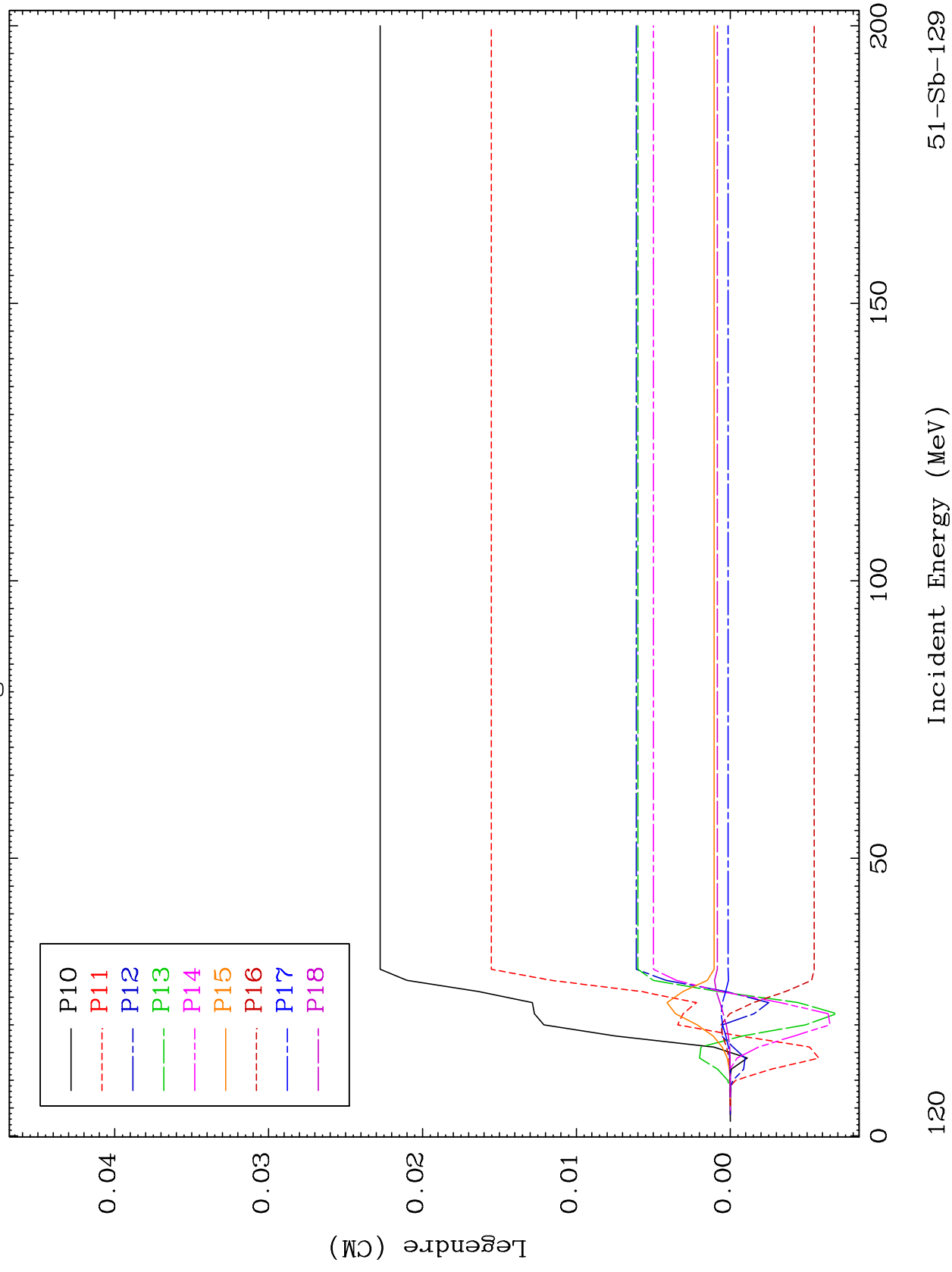




MAT 5149

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

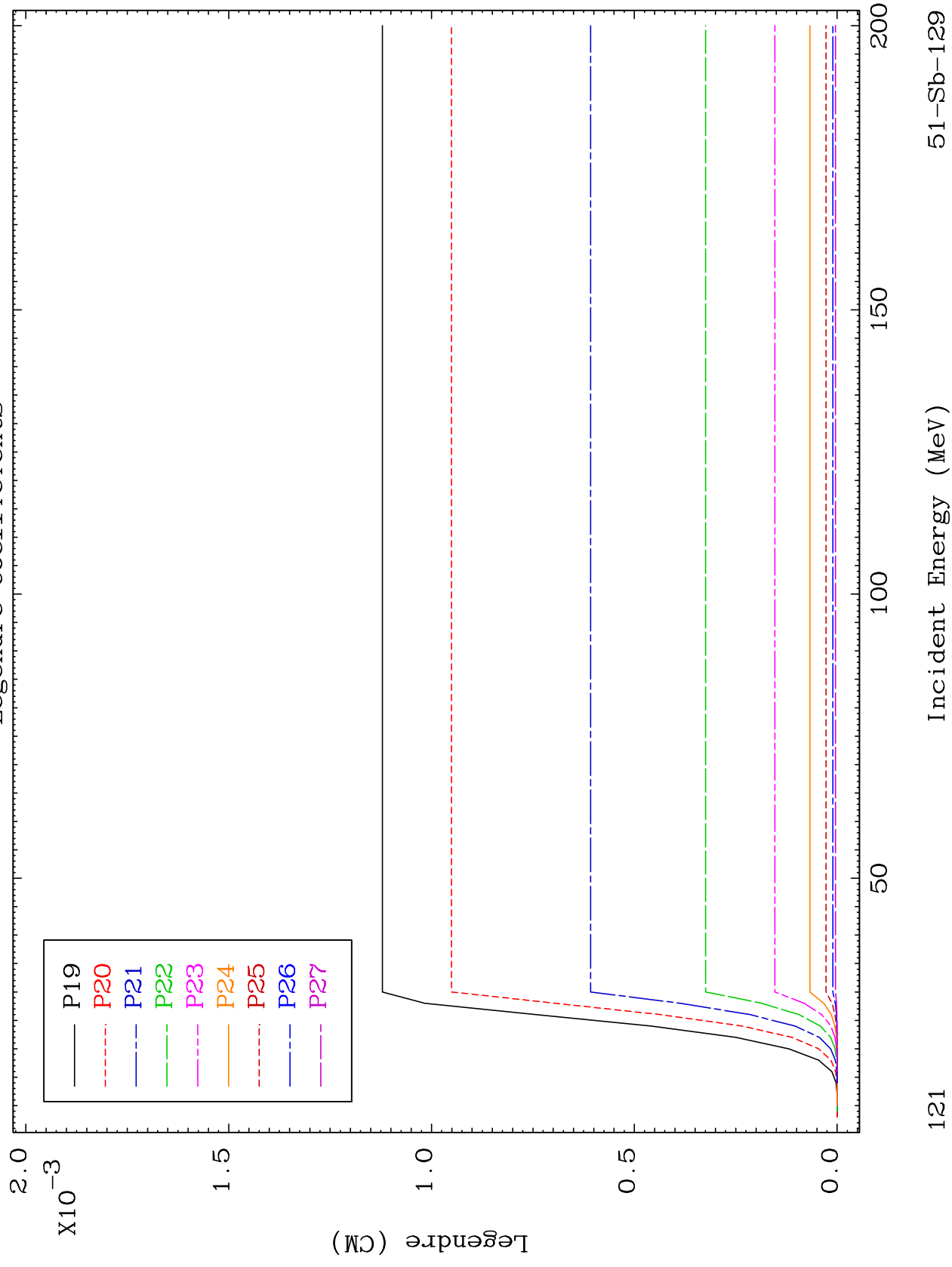
51-Sb-129



MAT 5149

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

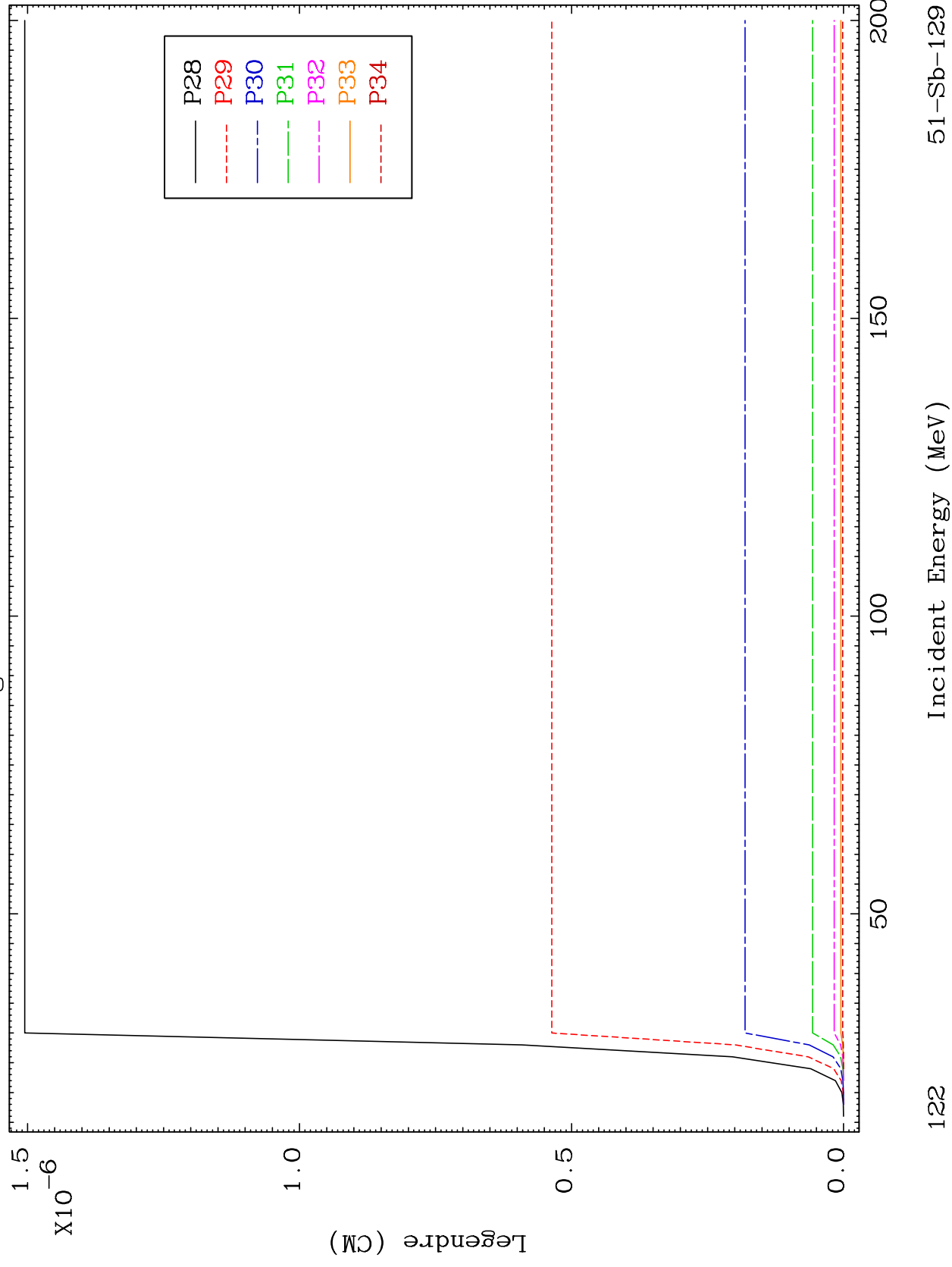
51-Sb-129

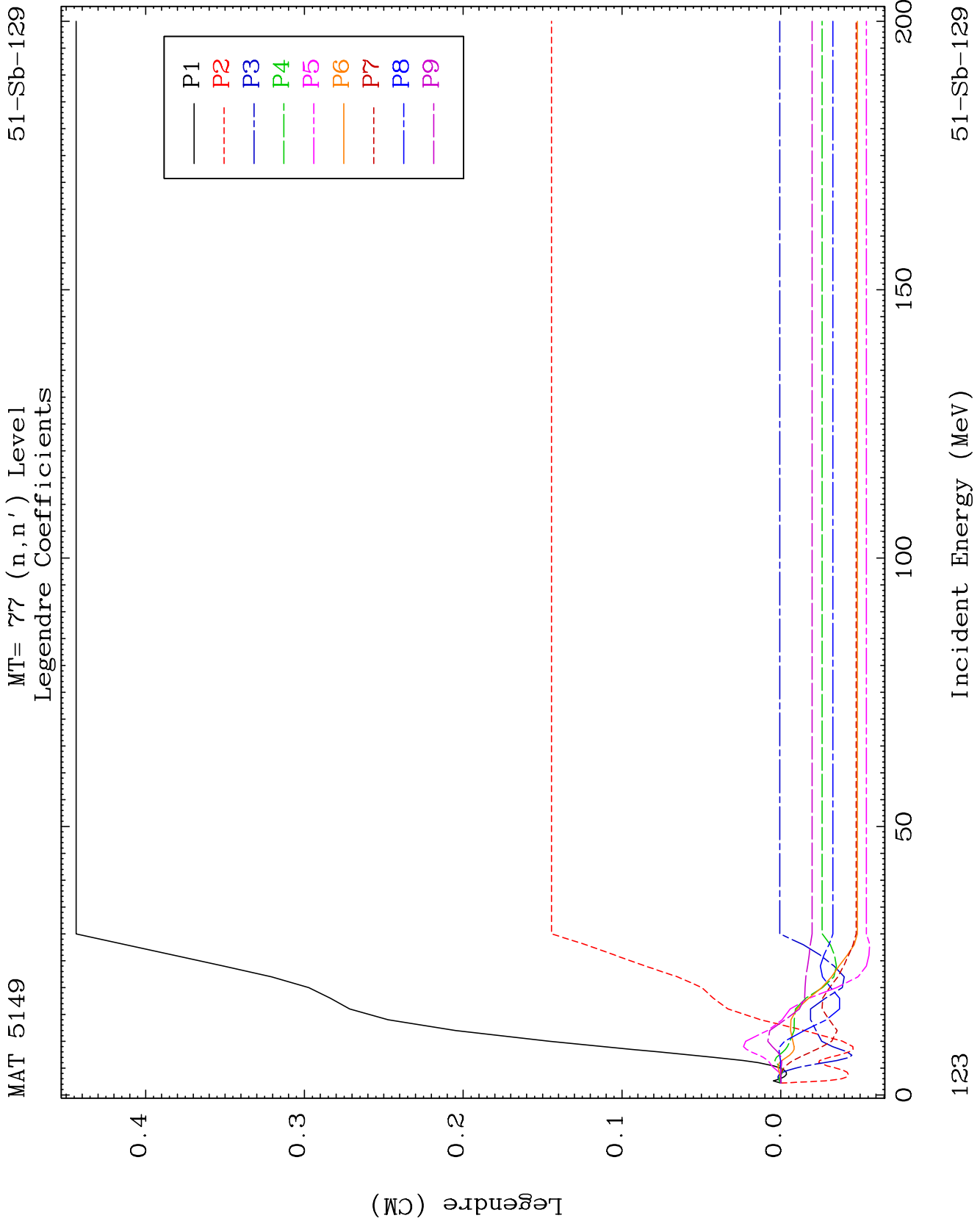


MAT 5149

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

51-Sb-129

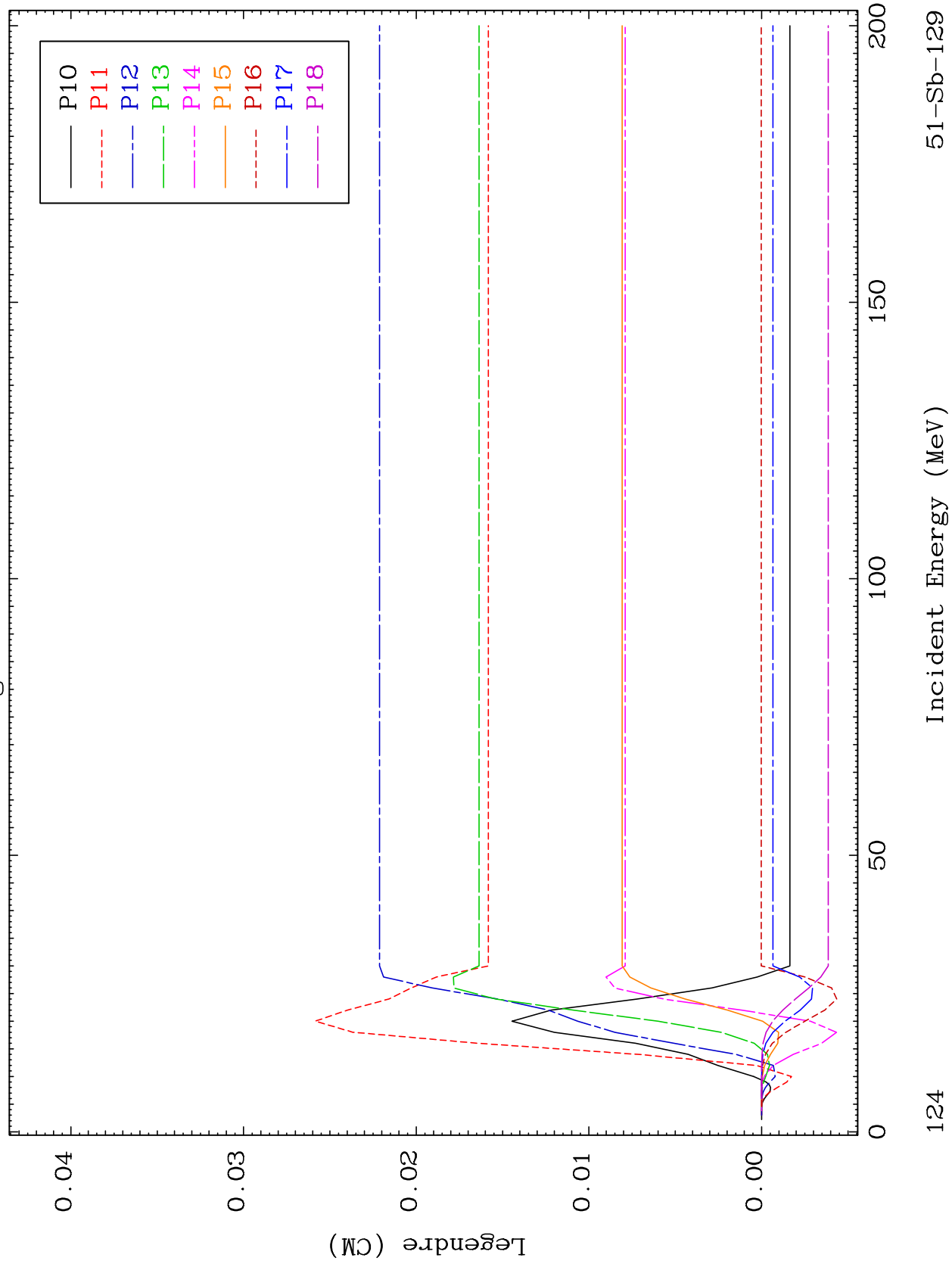




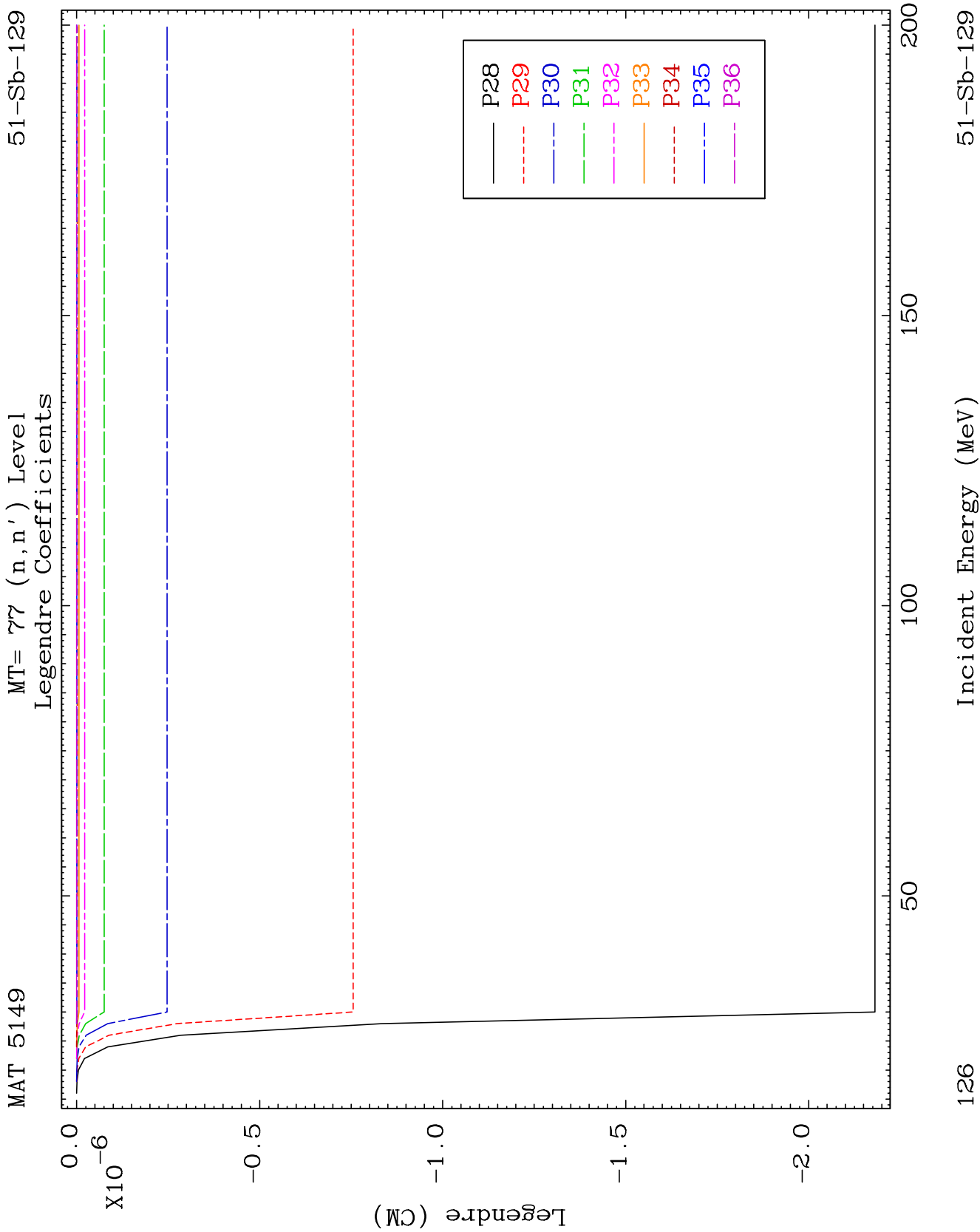
MAT 5149

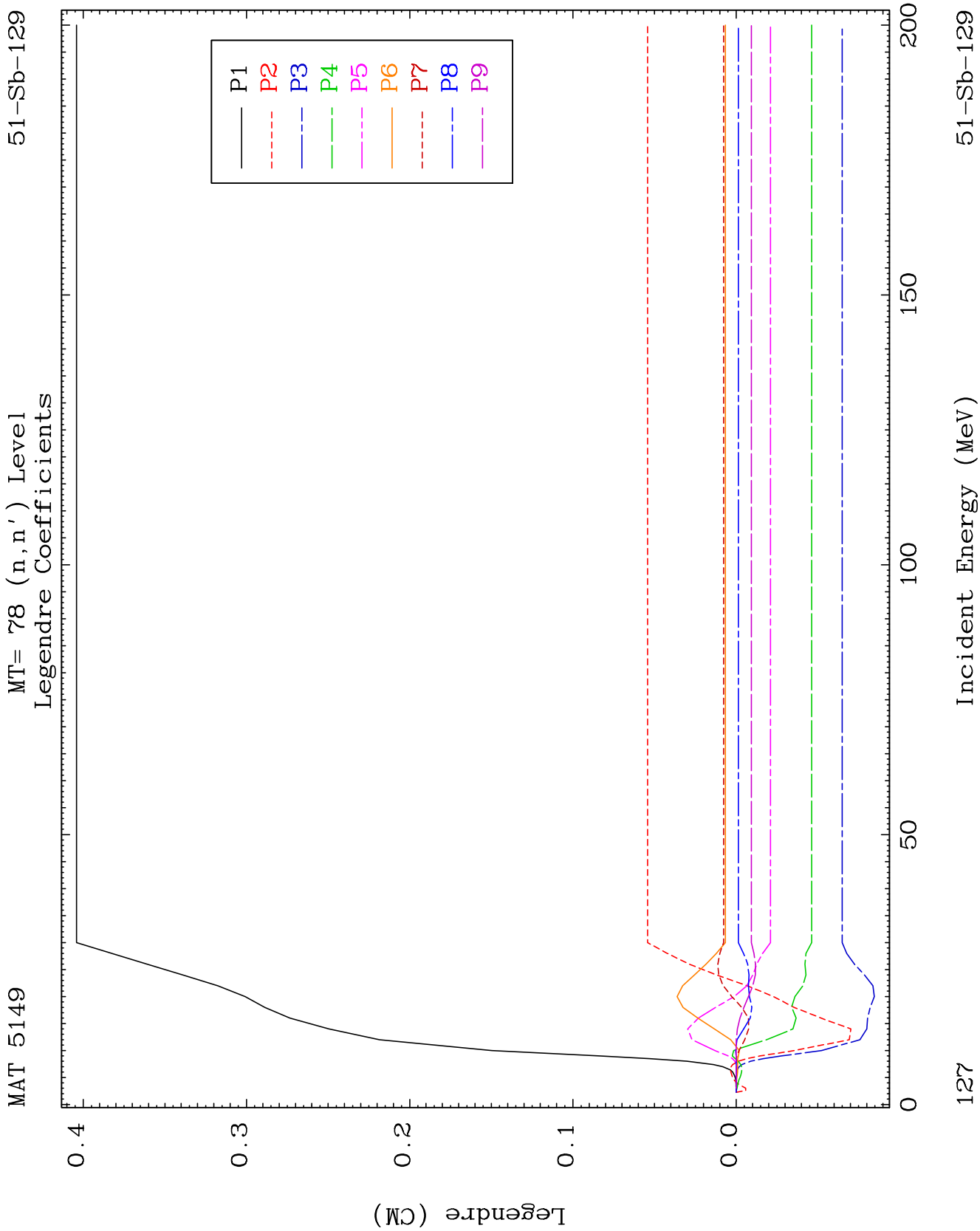
MT= 77 (n, n') Level  
Legendre Coefficients

51-Sb-129

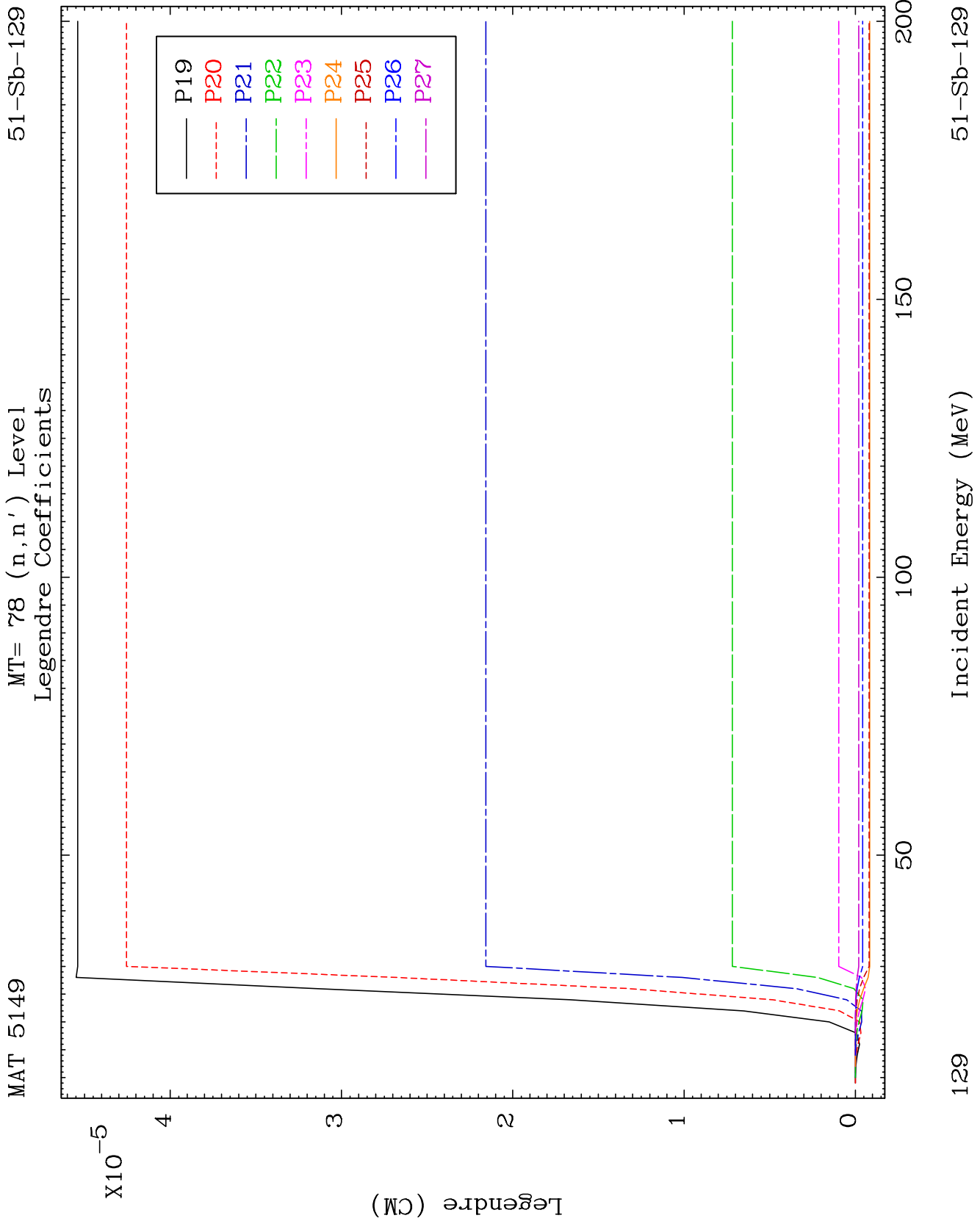


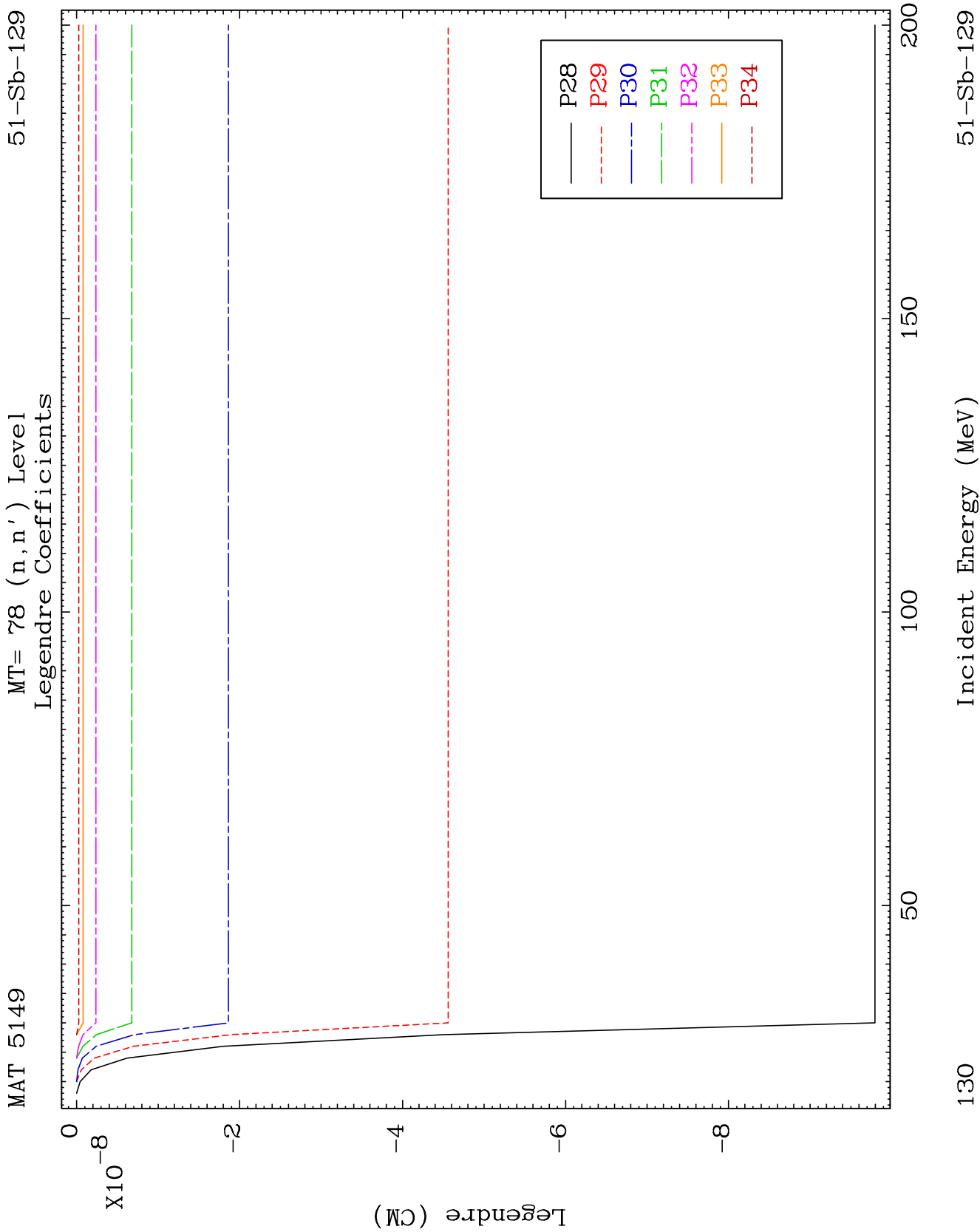












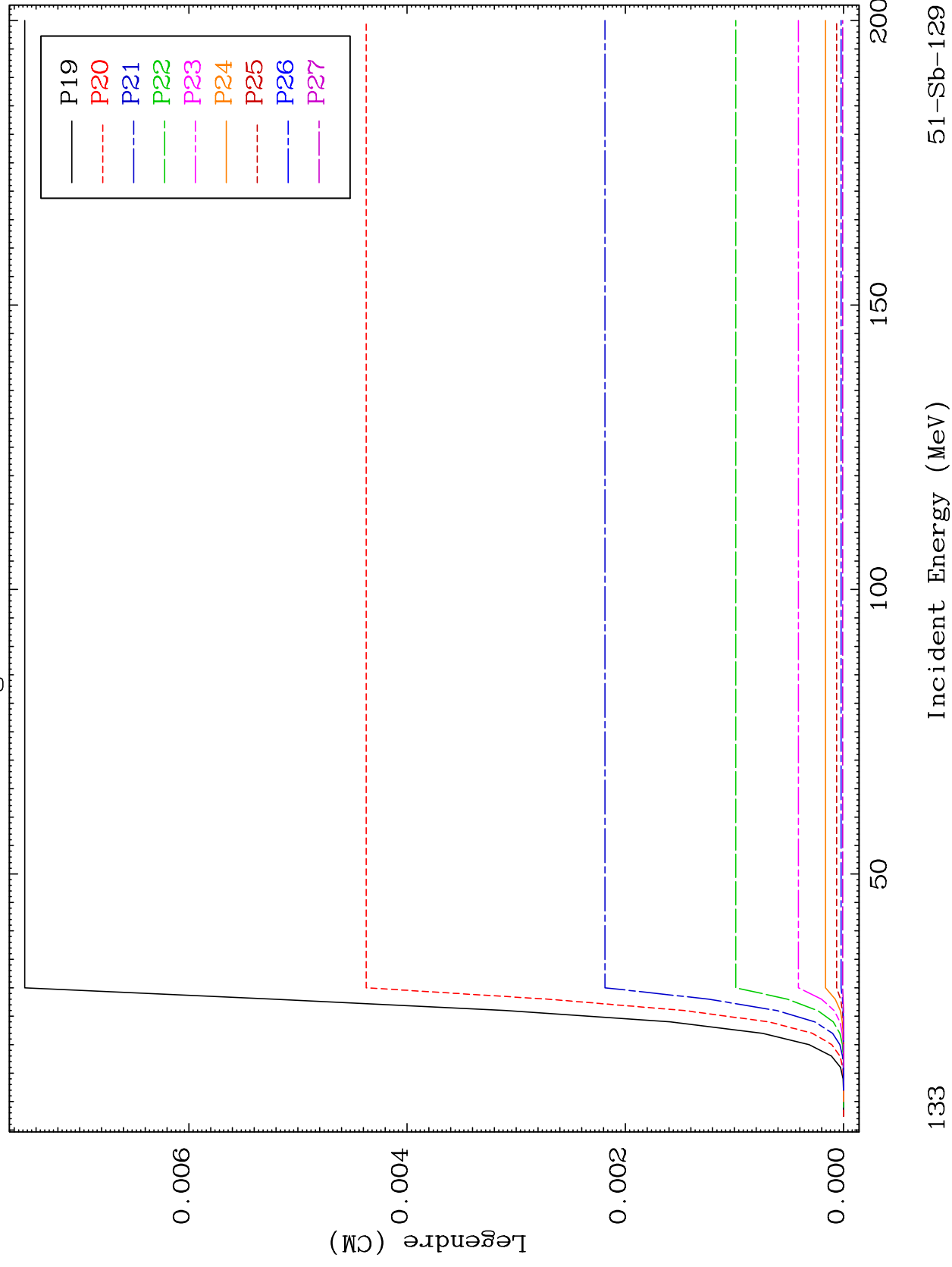


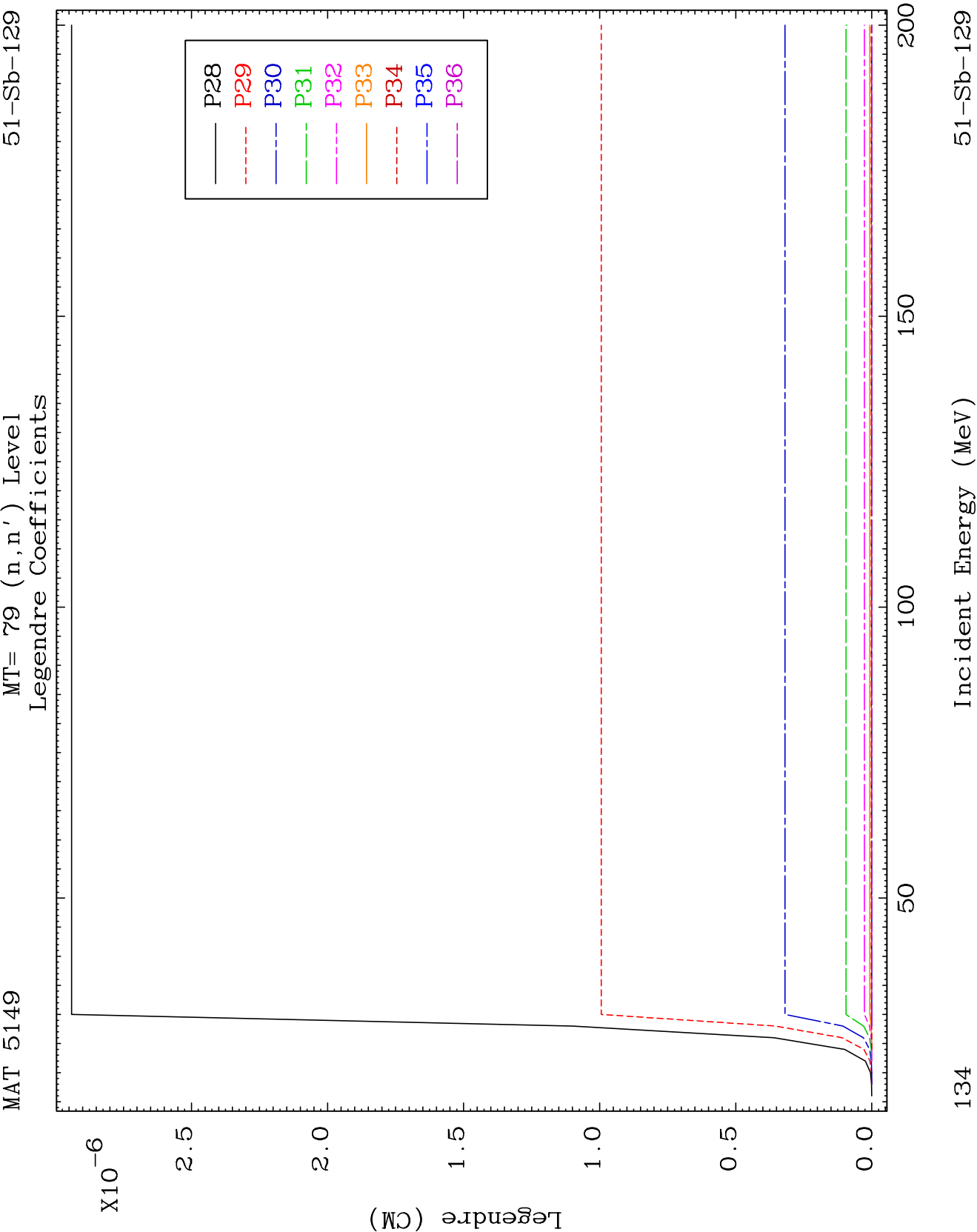


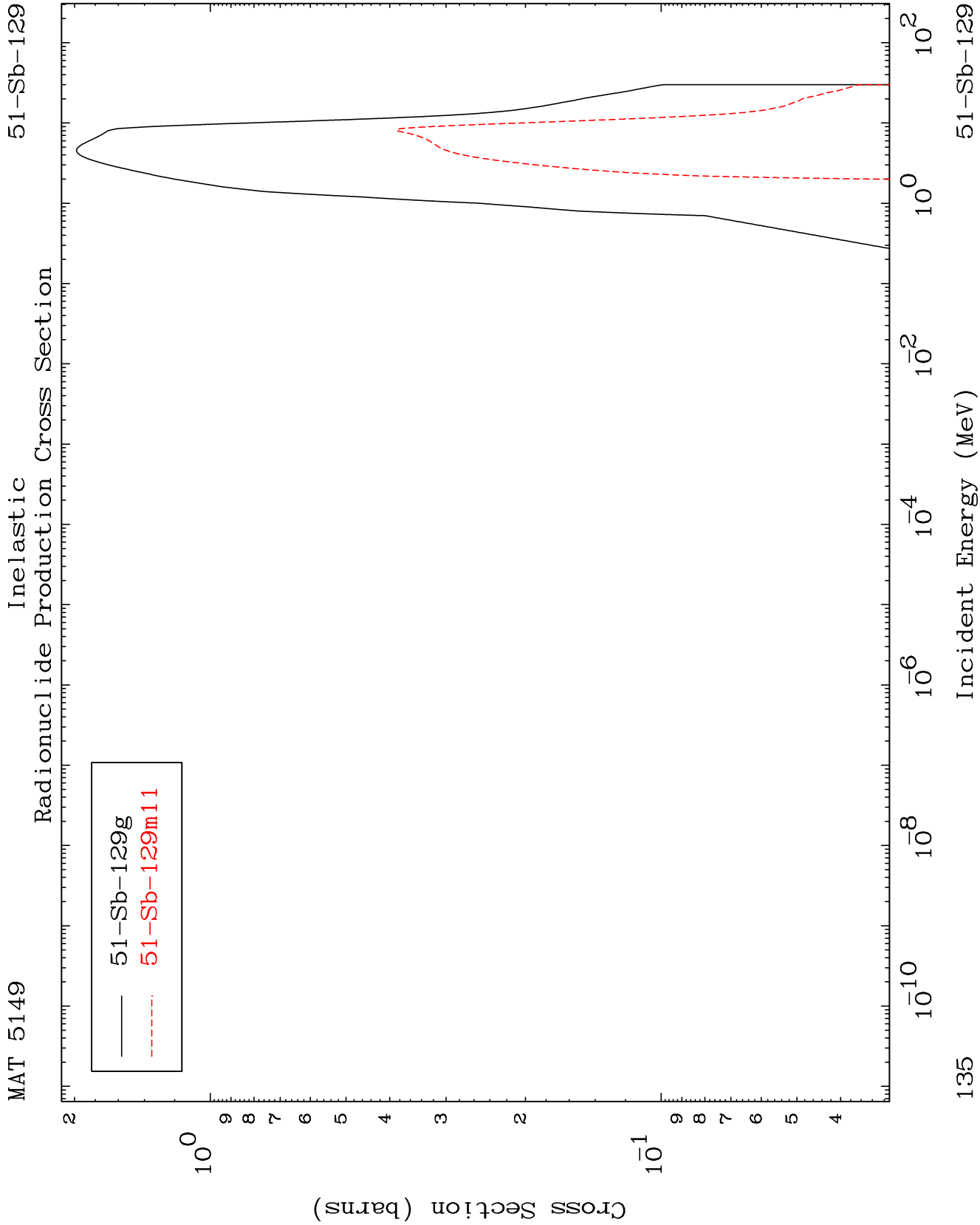
MAT 5149

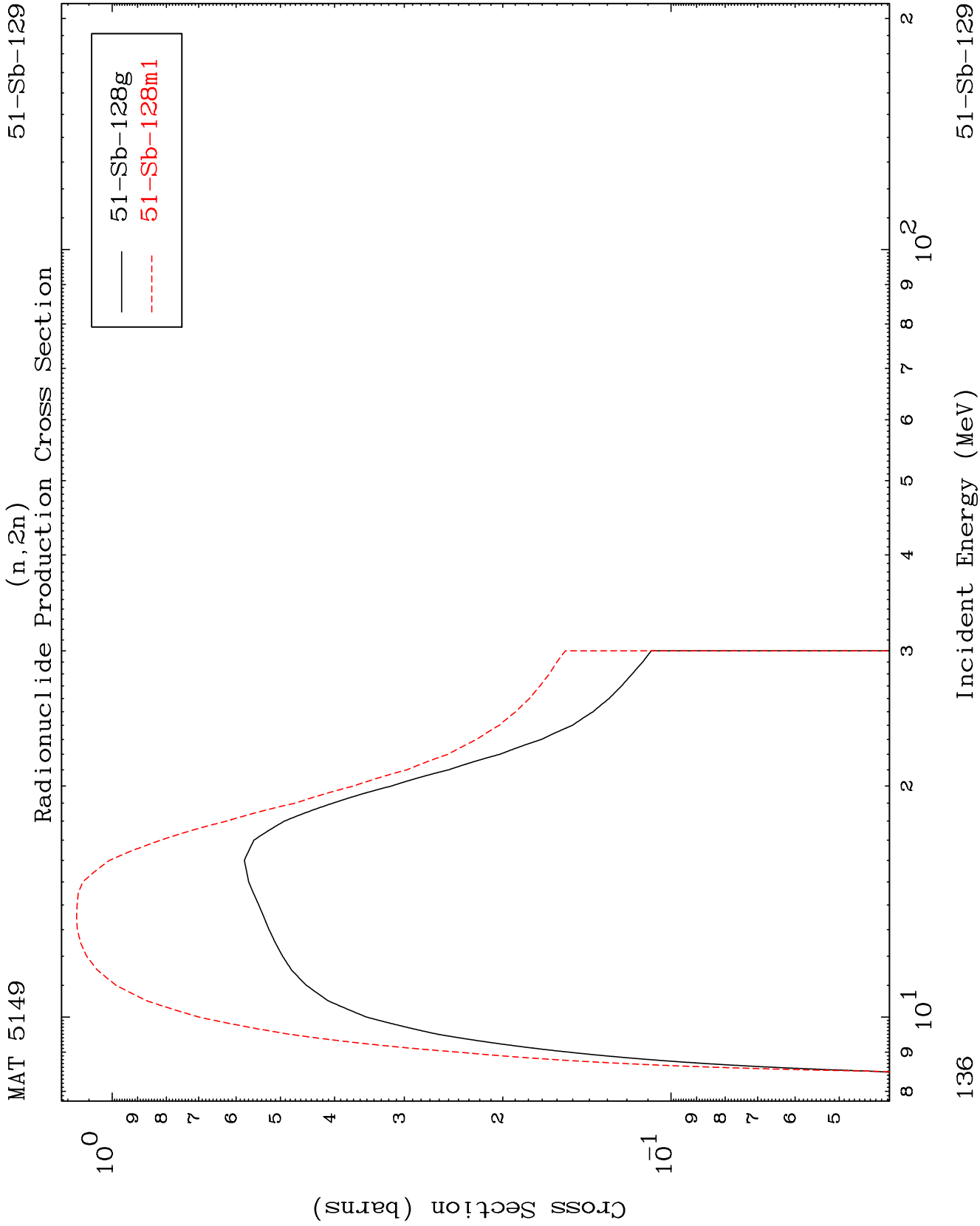
MT= 79 (n, n') Level  
Legendre Coefficients

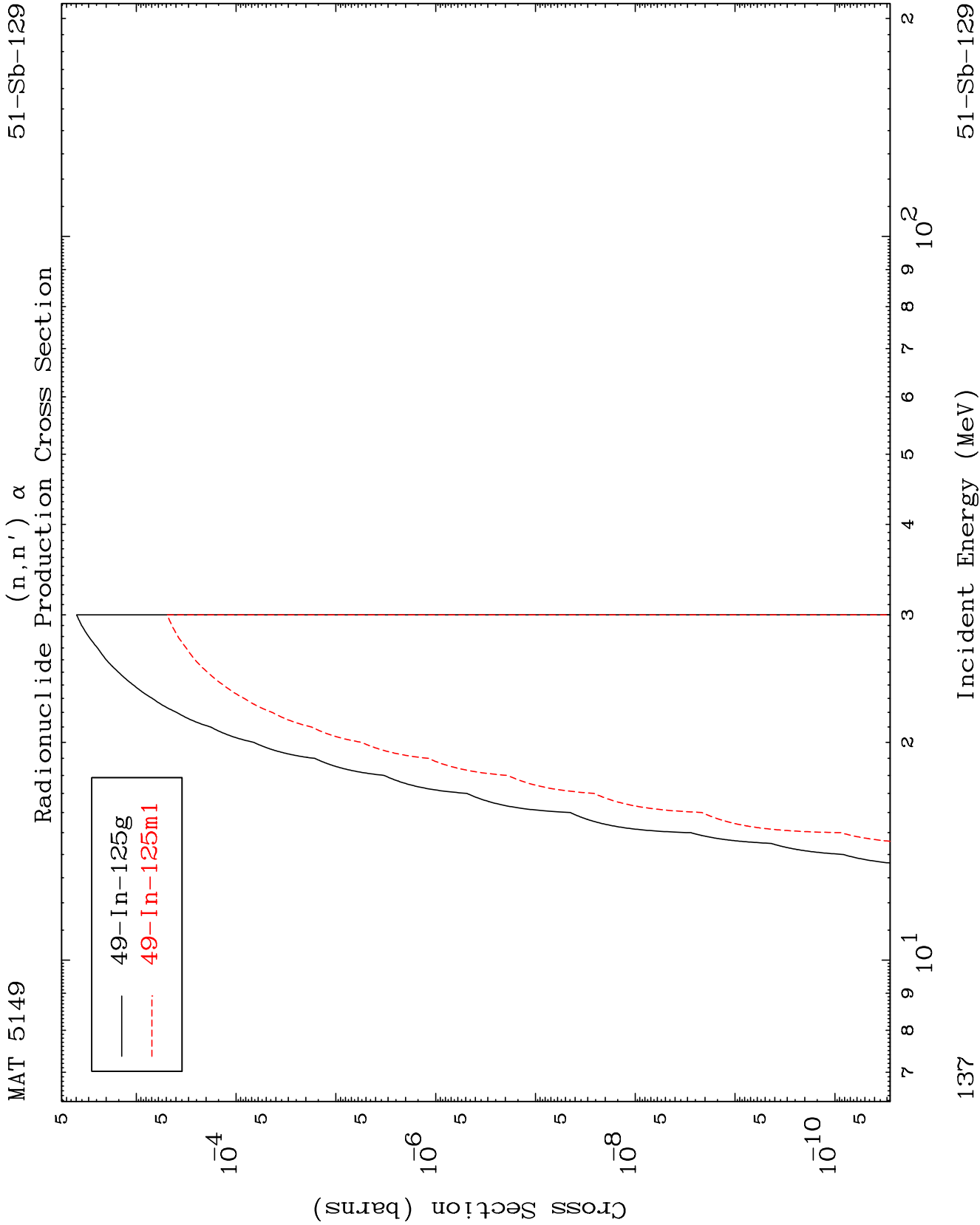
51-Sb-129



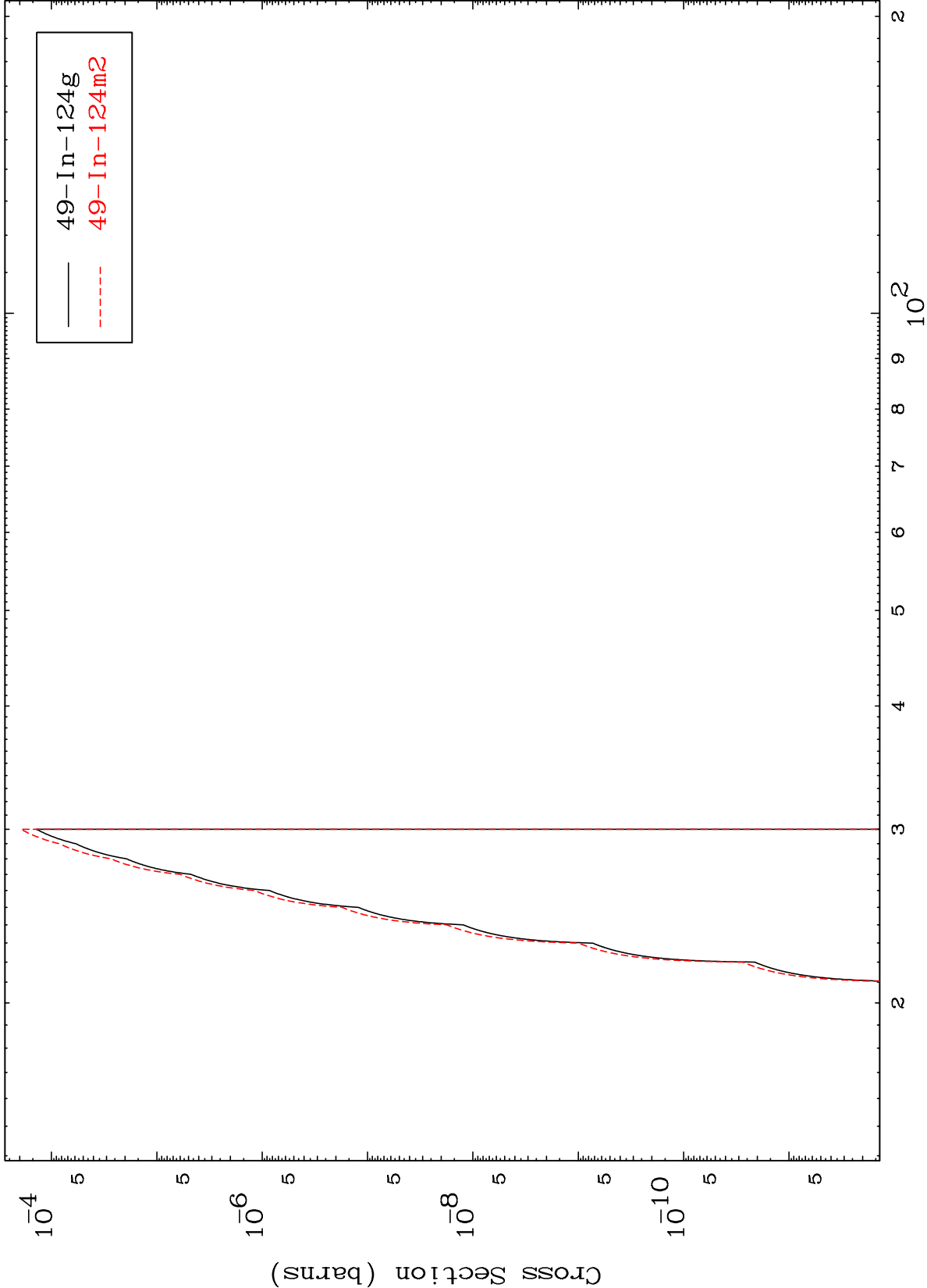


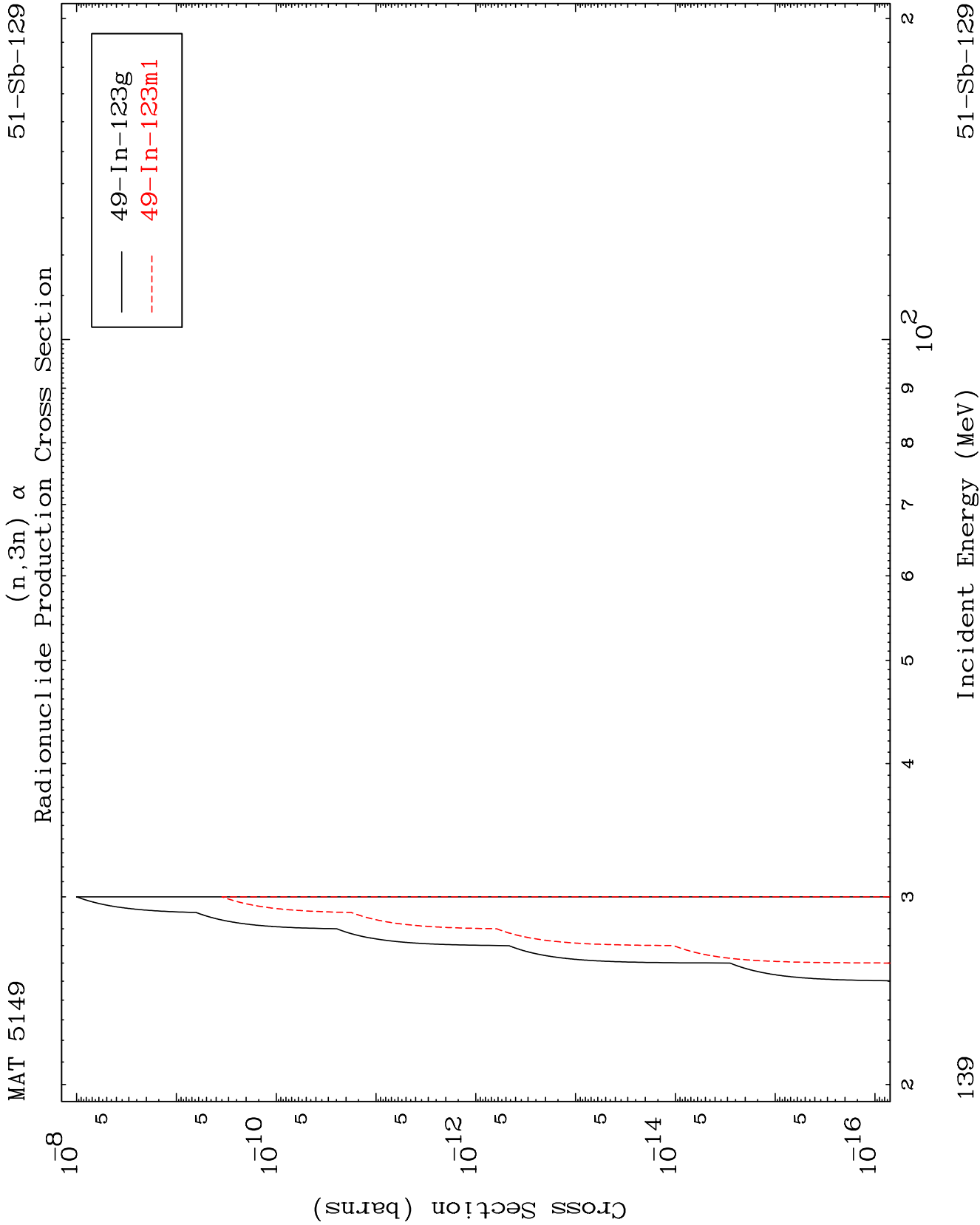






$(n,2n) \alpha$   
Radionuclide Production Cross Section

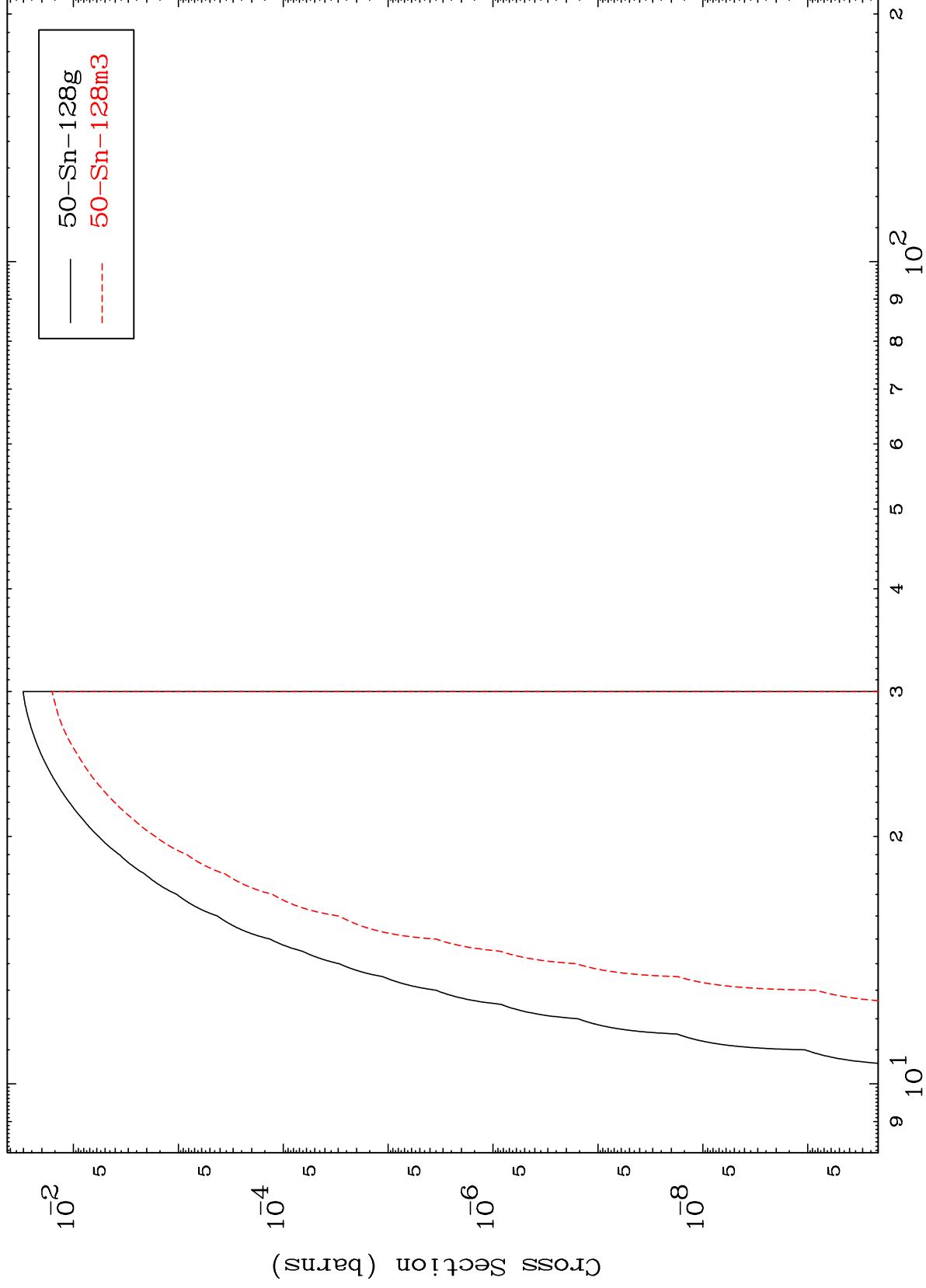




MAT 5149

51-Sb-129

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

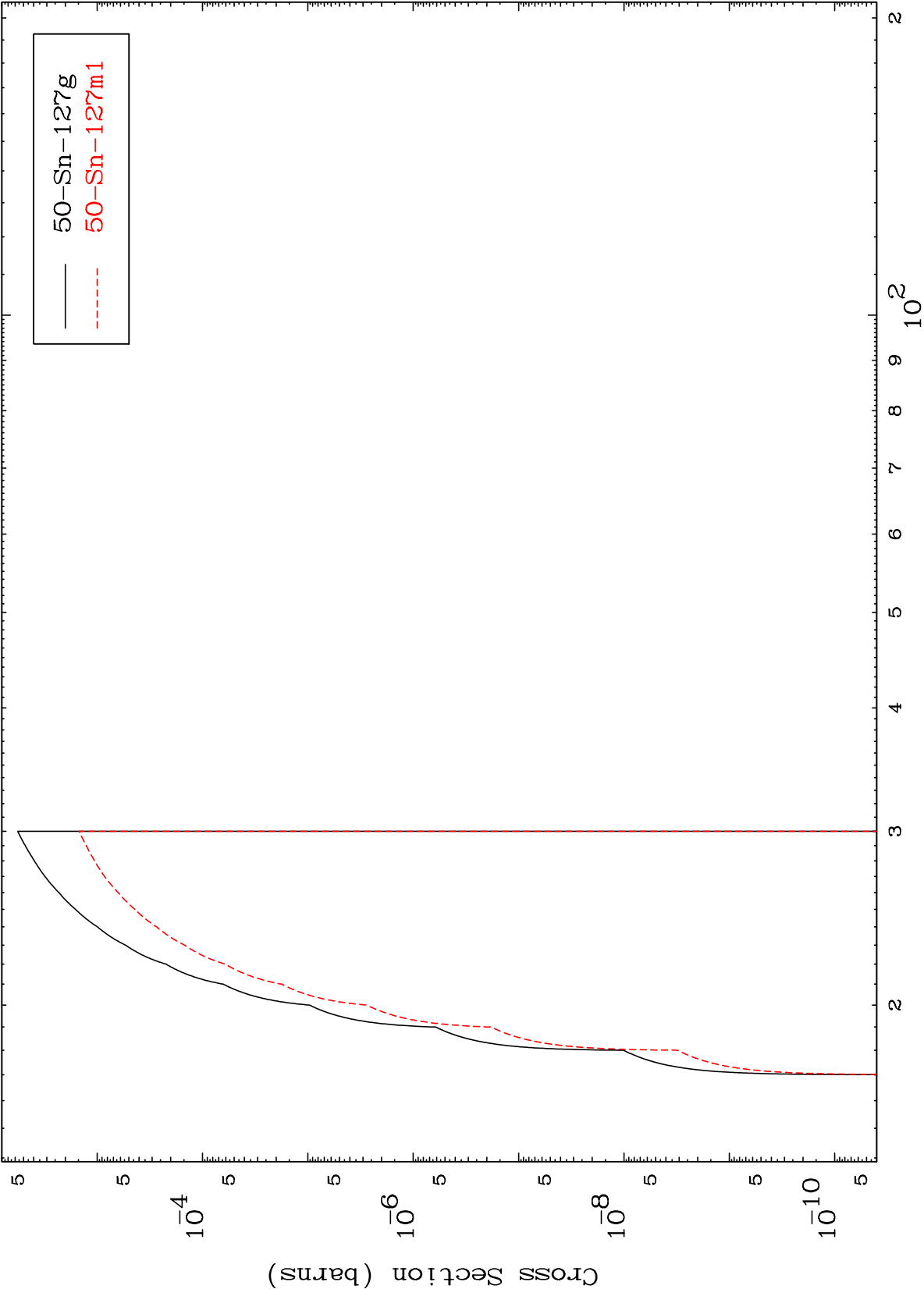


51-Sb-129

Incident Energy (MeV)

140

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

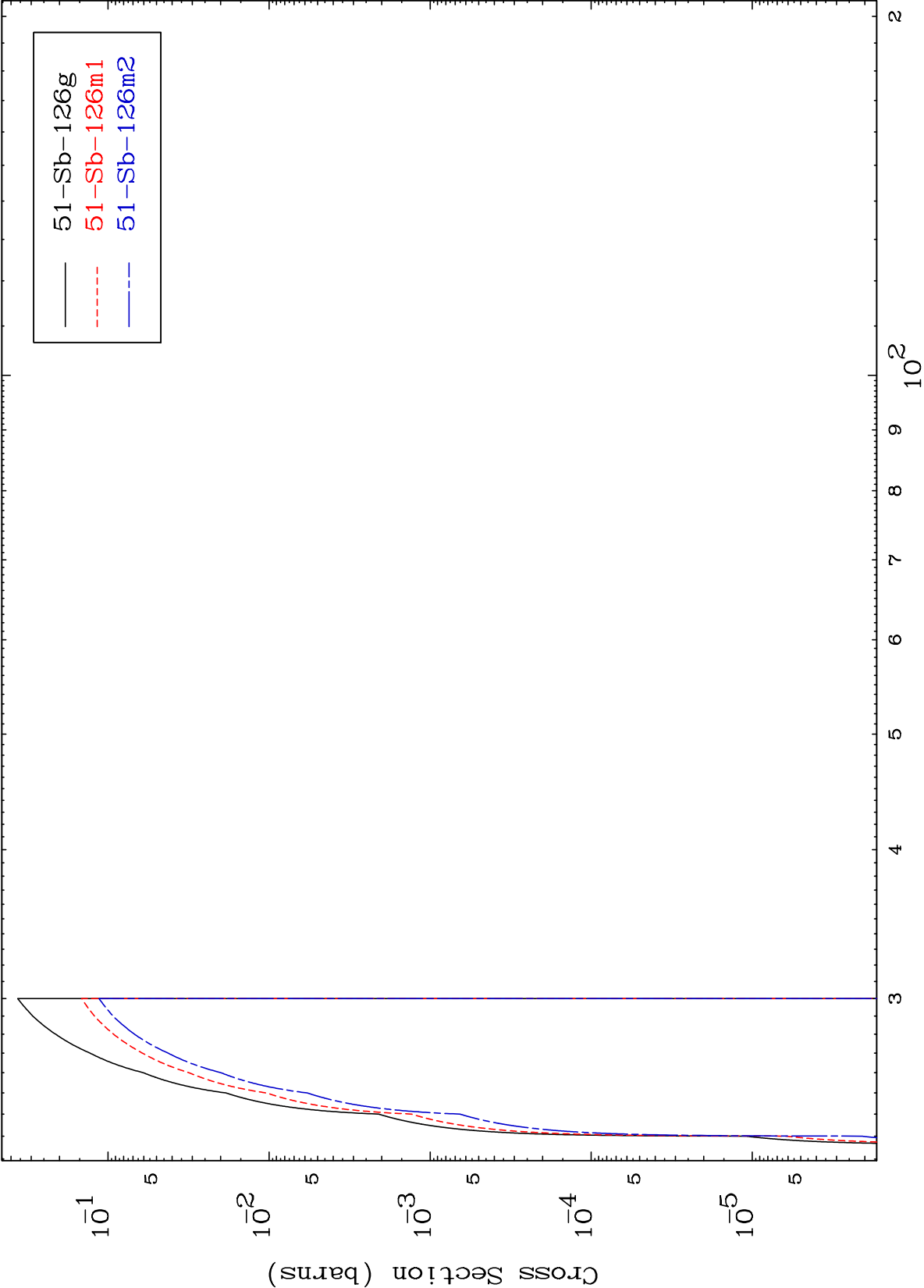


MAT 5149

(n,4n)

51-Sb-129

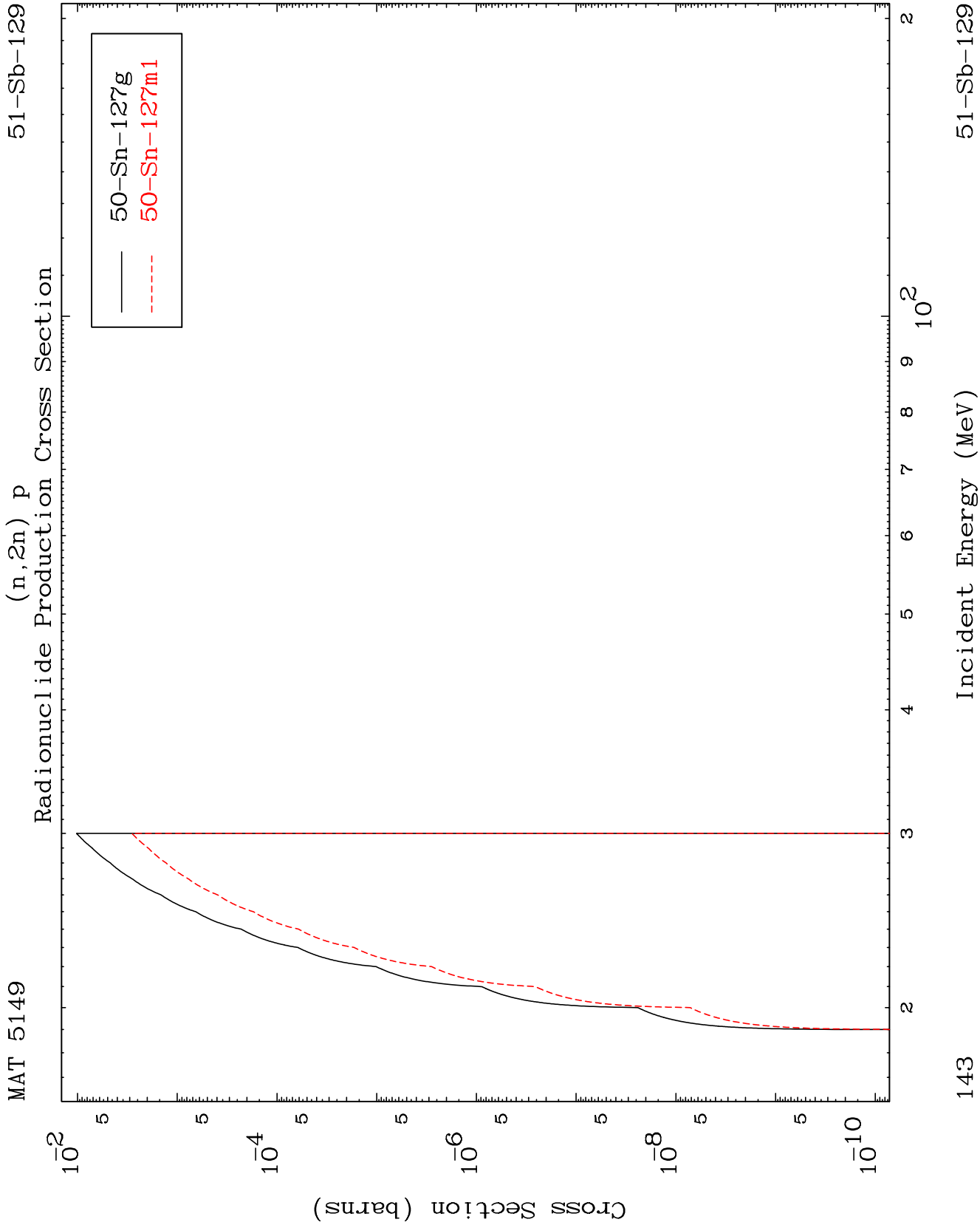
Radionuclide Production Cross Section



142

Incident Energy (MeV)

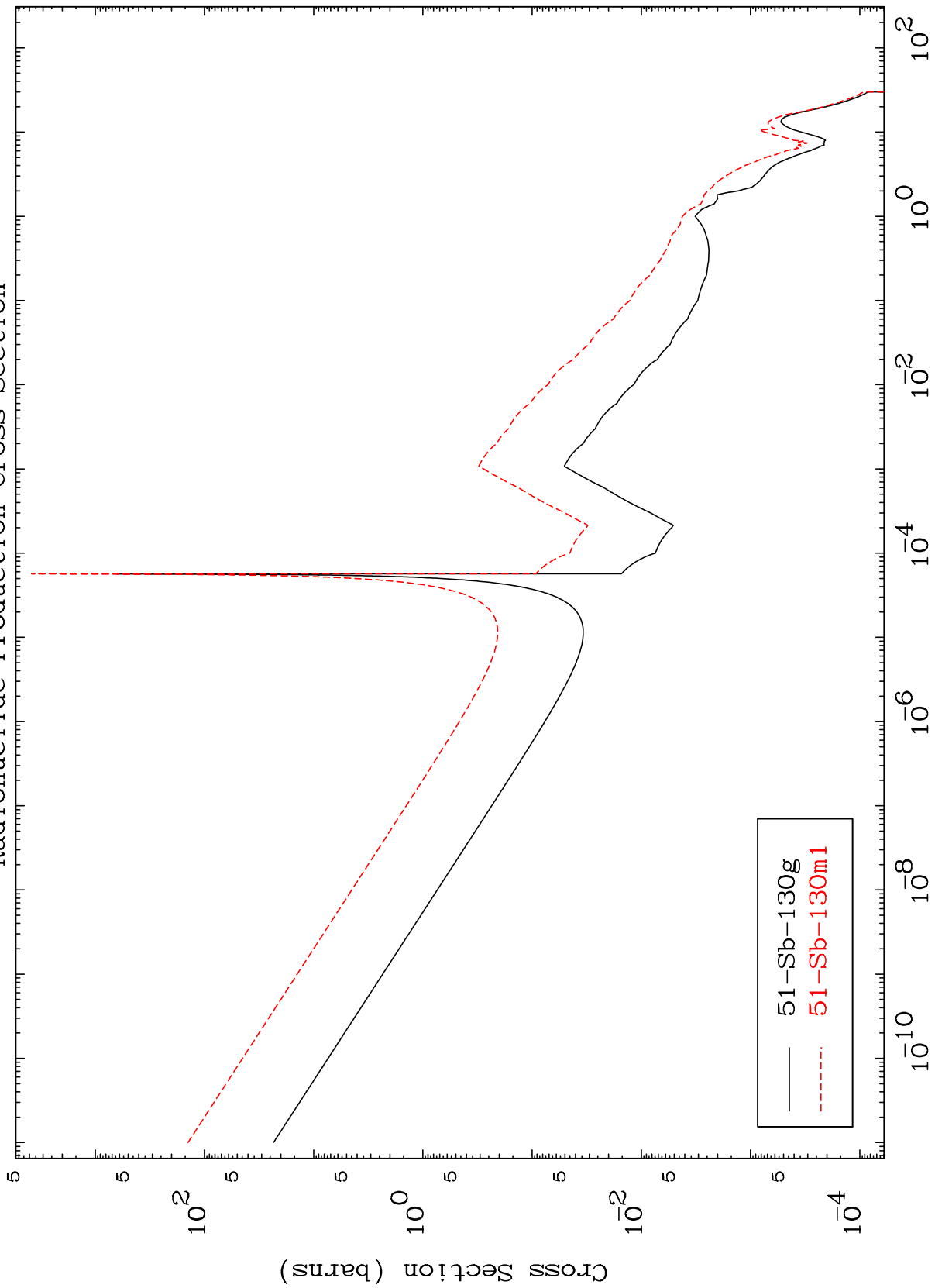
51-Sb-129



MAT 5149

51-Sb-129

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

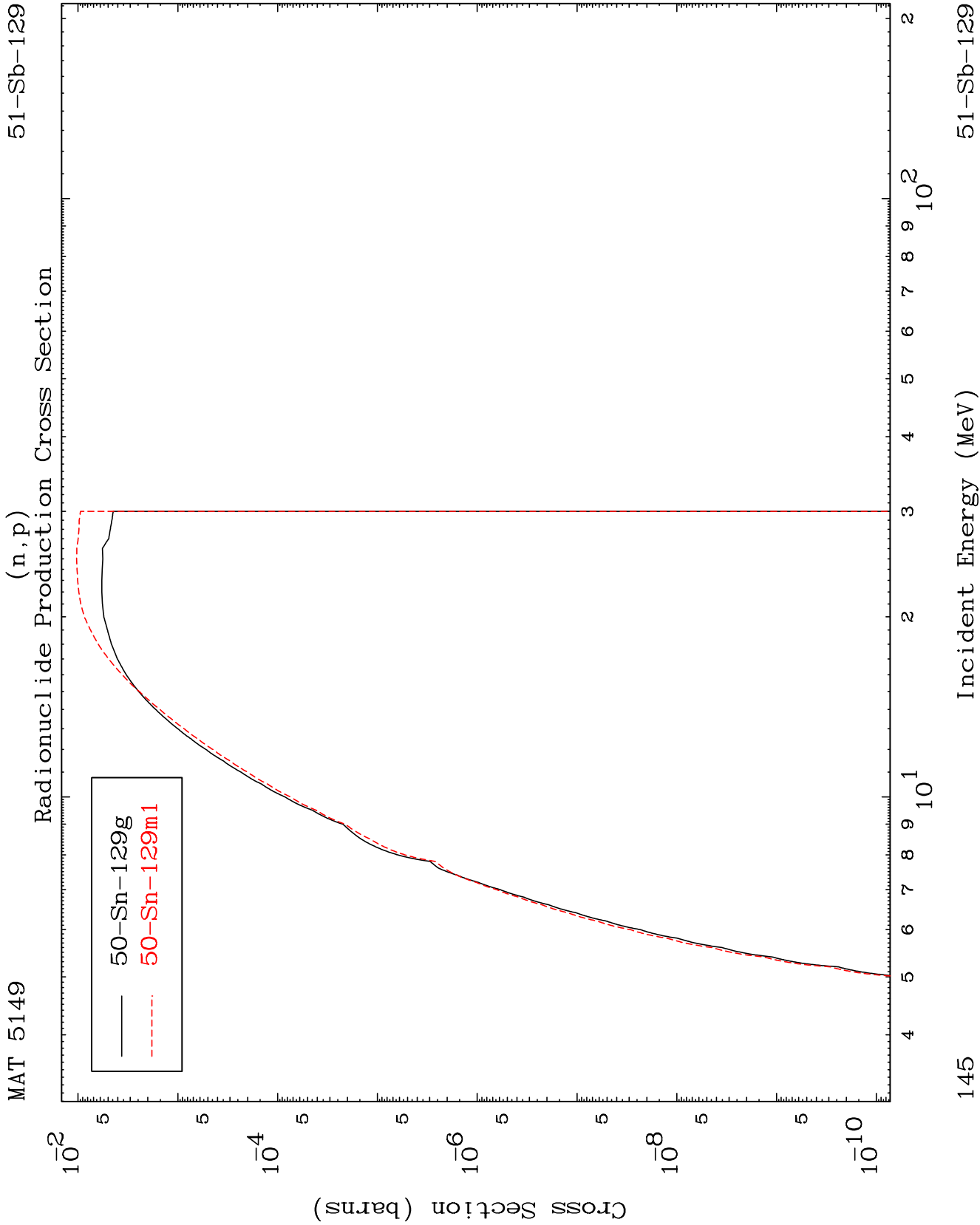


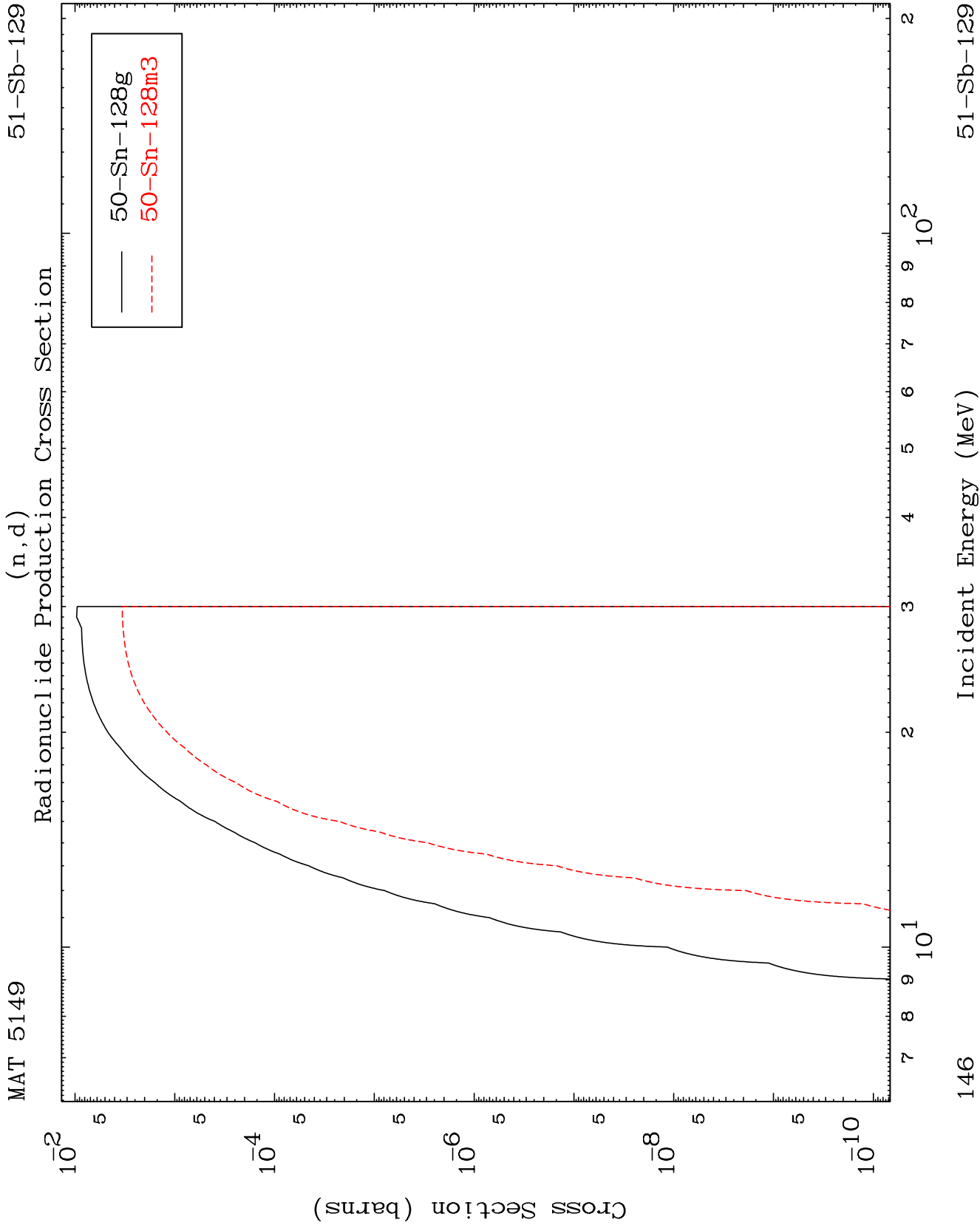
— 51-Sb-130g  
- - - 51-Sb-130m1

51-Sb-129

Incident Energy (MeV)

144

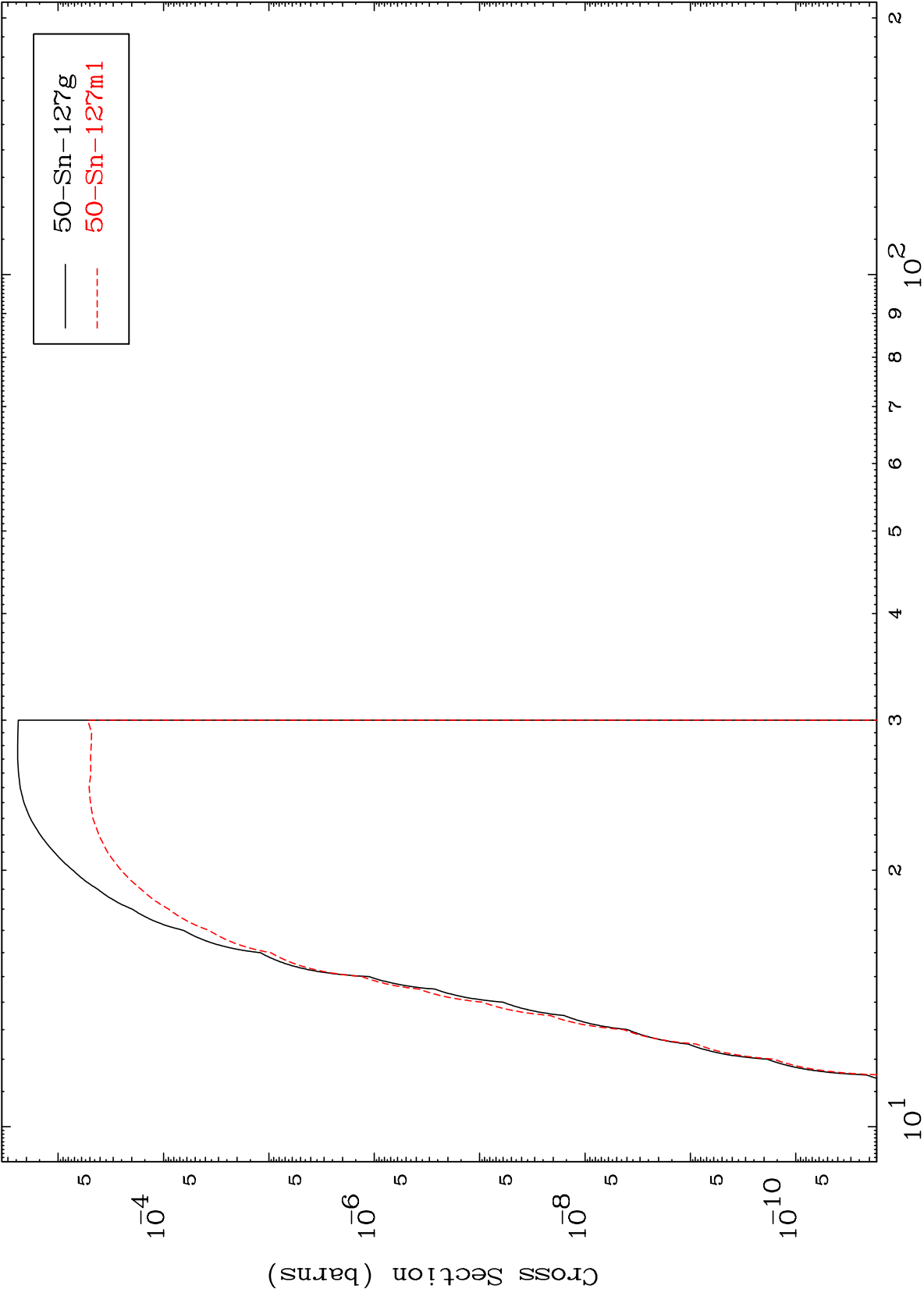




MAT 5149

51-Sb-129

(n,t)  
Radionuclide Production Cross Section



51-Sb-129

Incident Energy (MeV)

147

(n,He-3)  
Radionuclide Production Cross Section

