

Program EVALPLOT
(Version 2021-1)

by

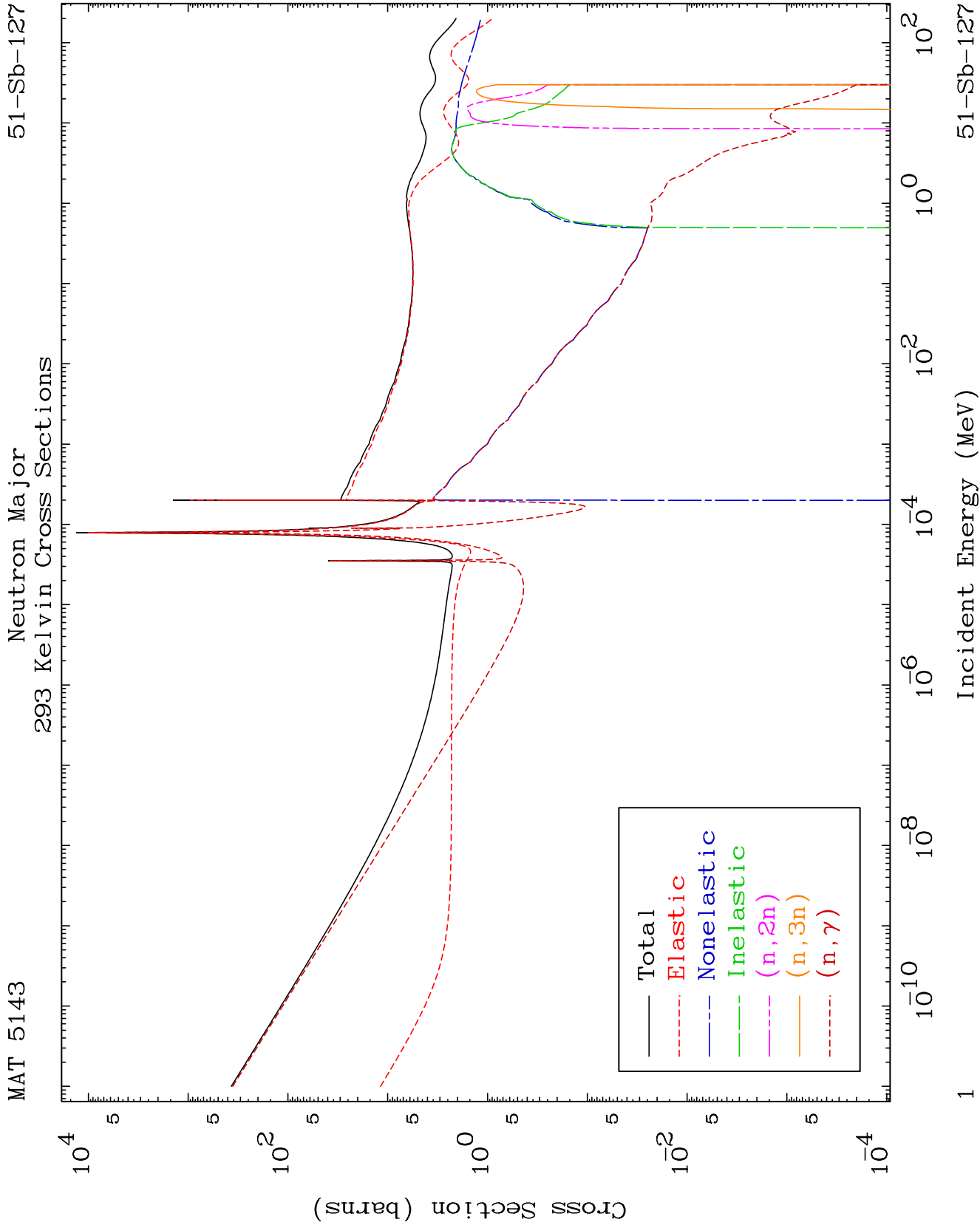
Dermott E. Cullen
(Present Contact Information)

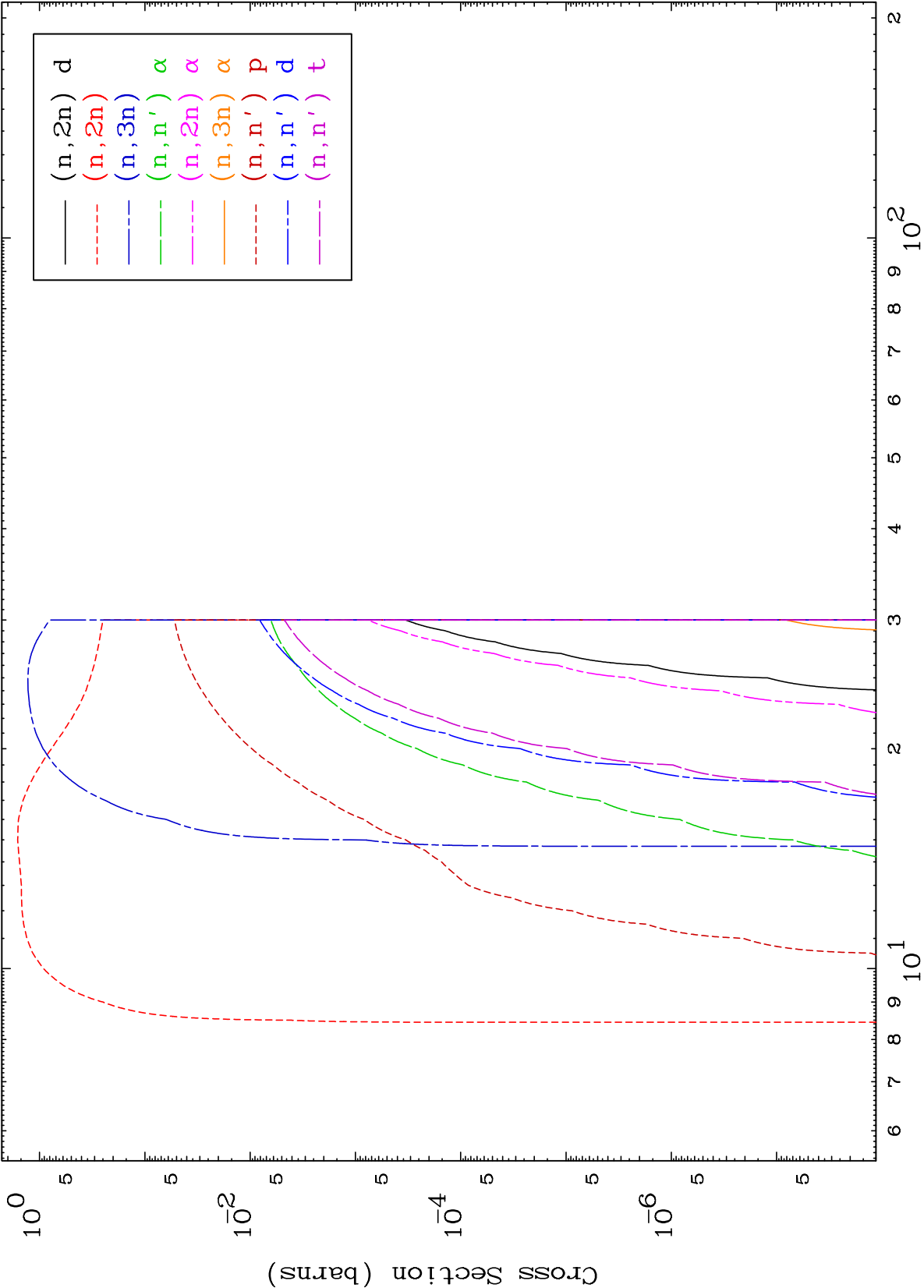
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

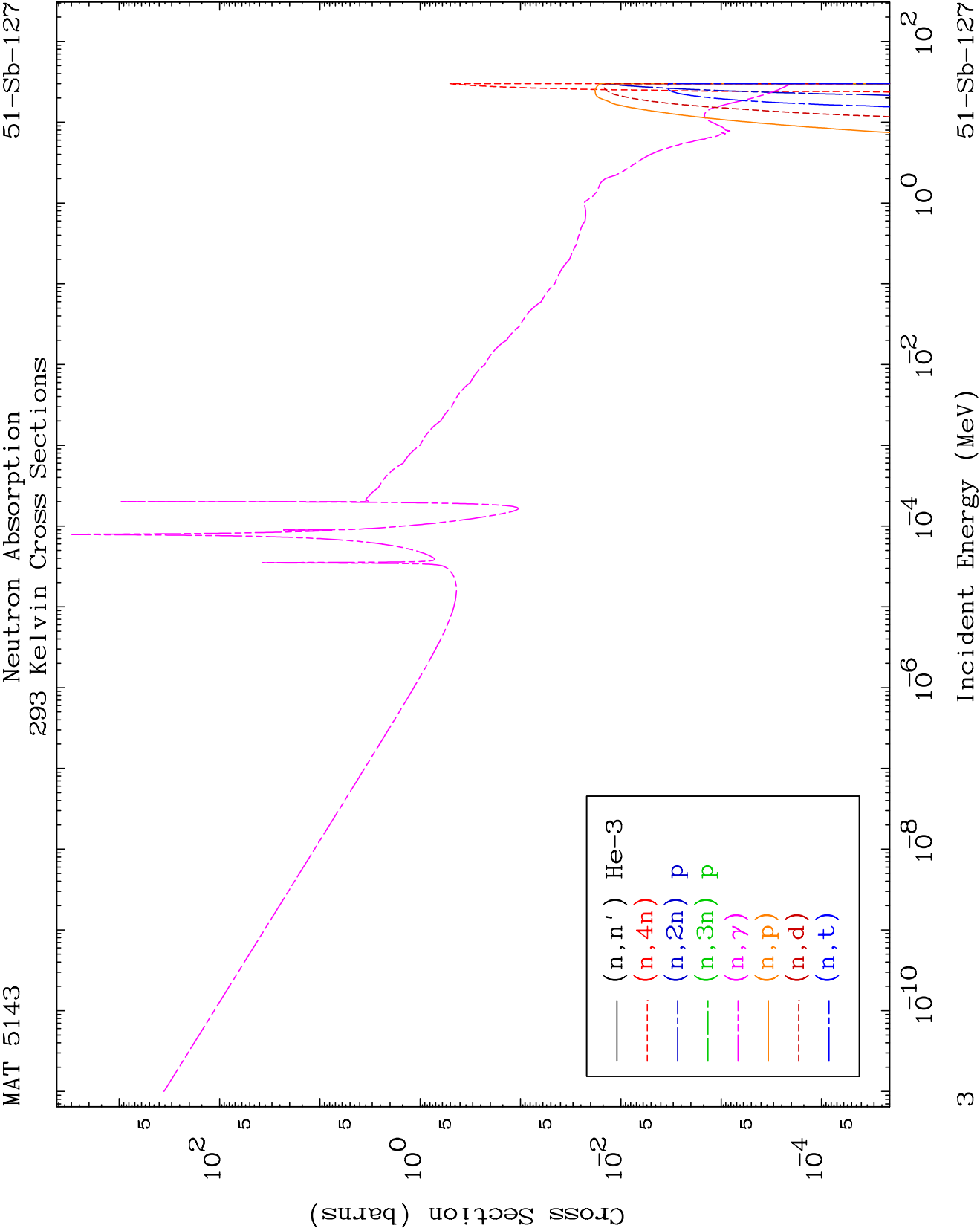
Tele: 925-443-1911

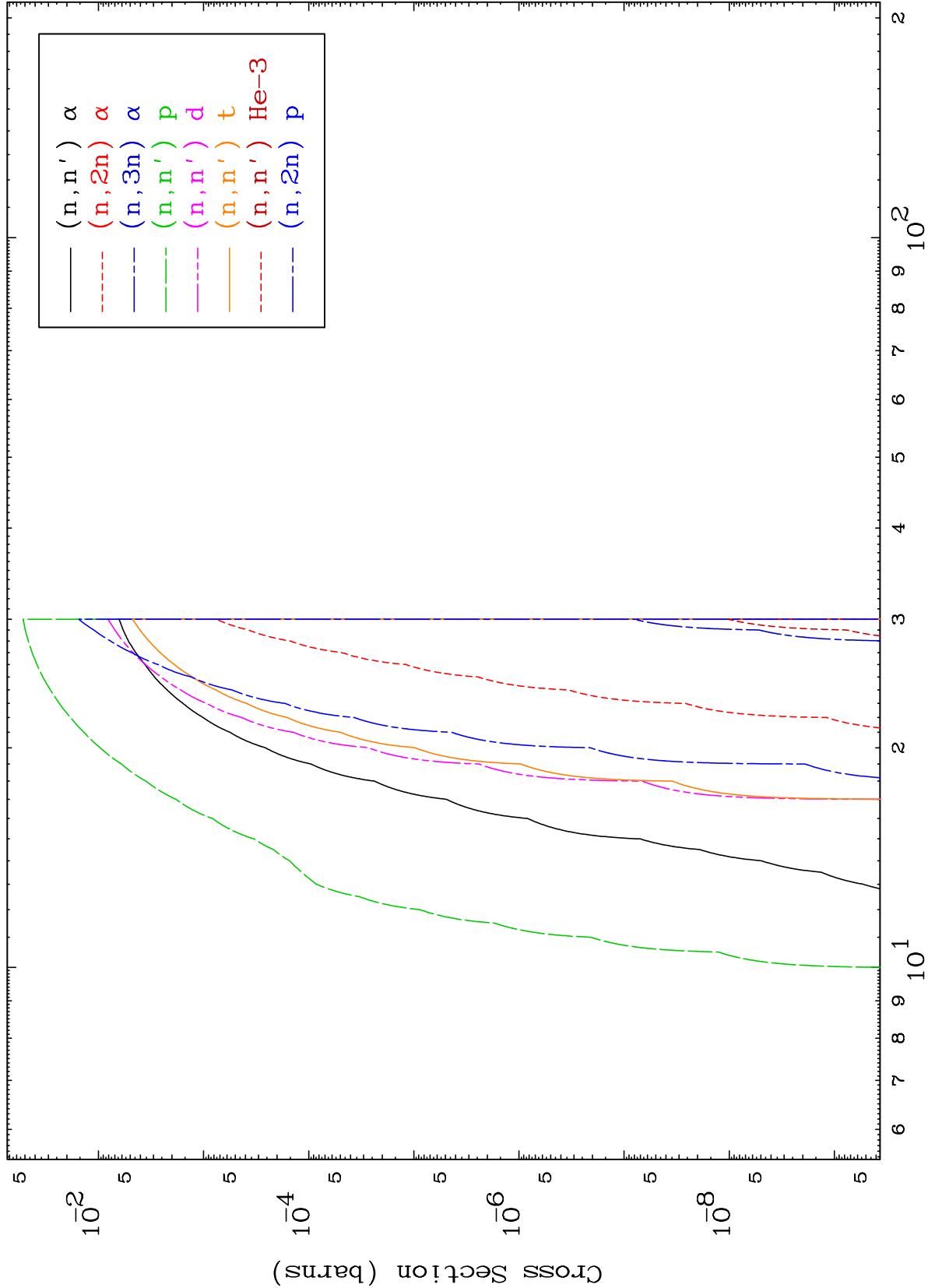
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start







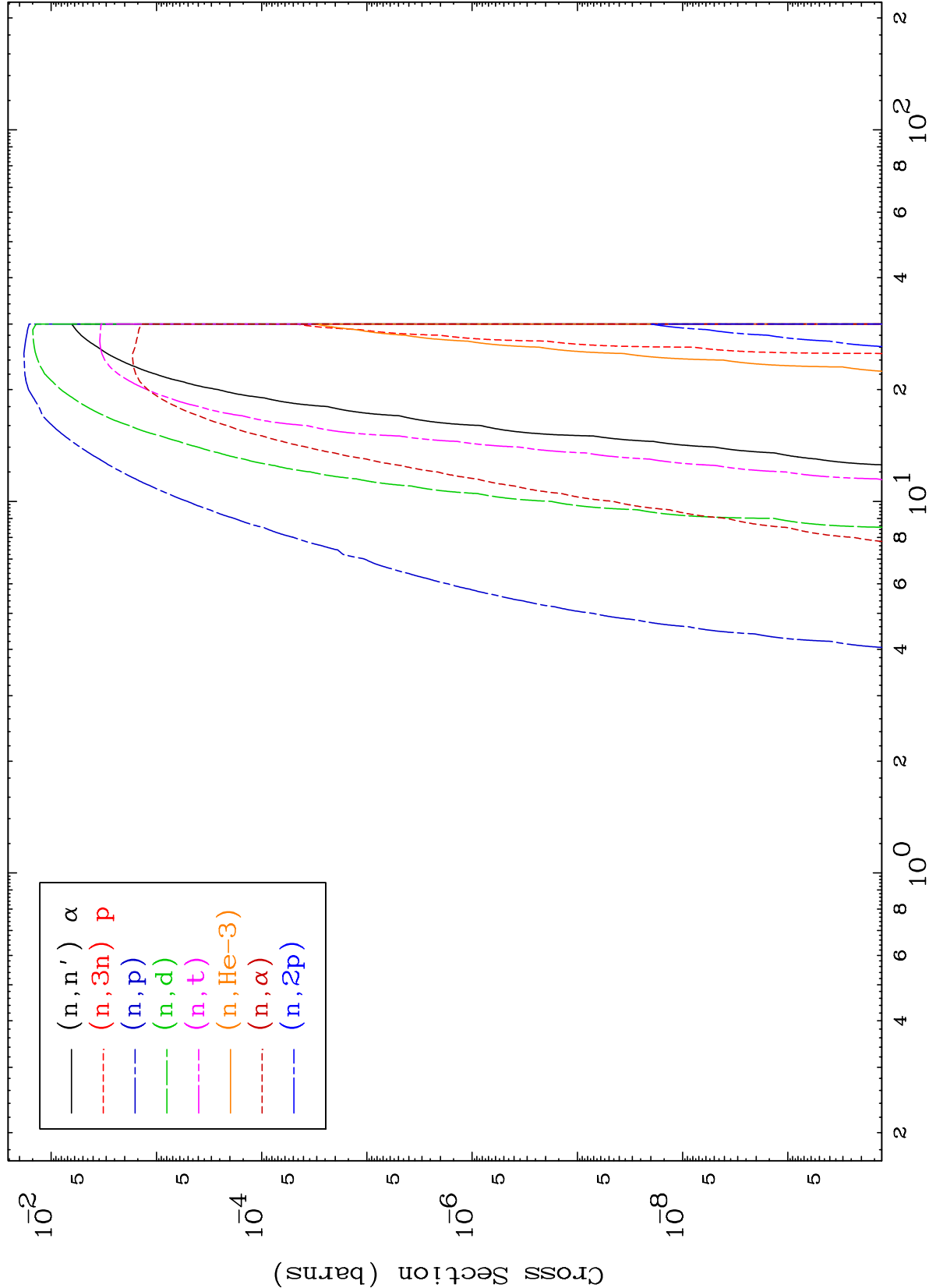


MAT 5143

Charged Particle

51-Sb-127

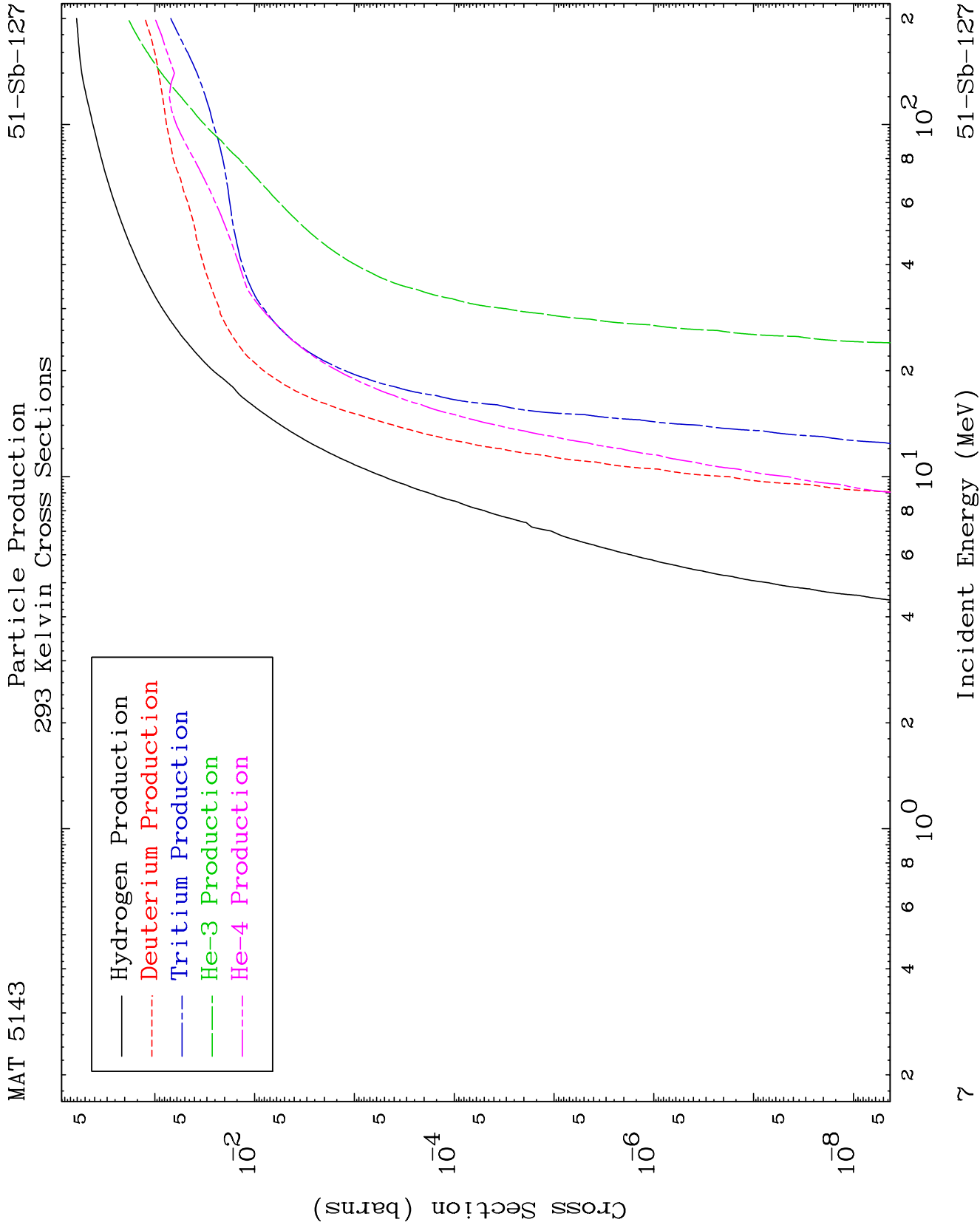
293 Kelvin Cross Sections

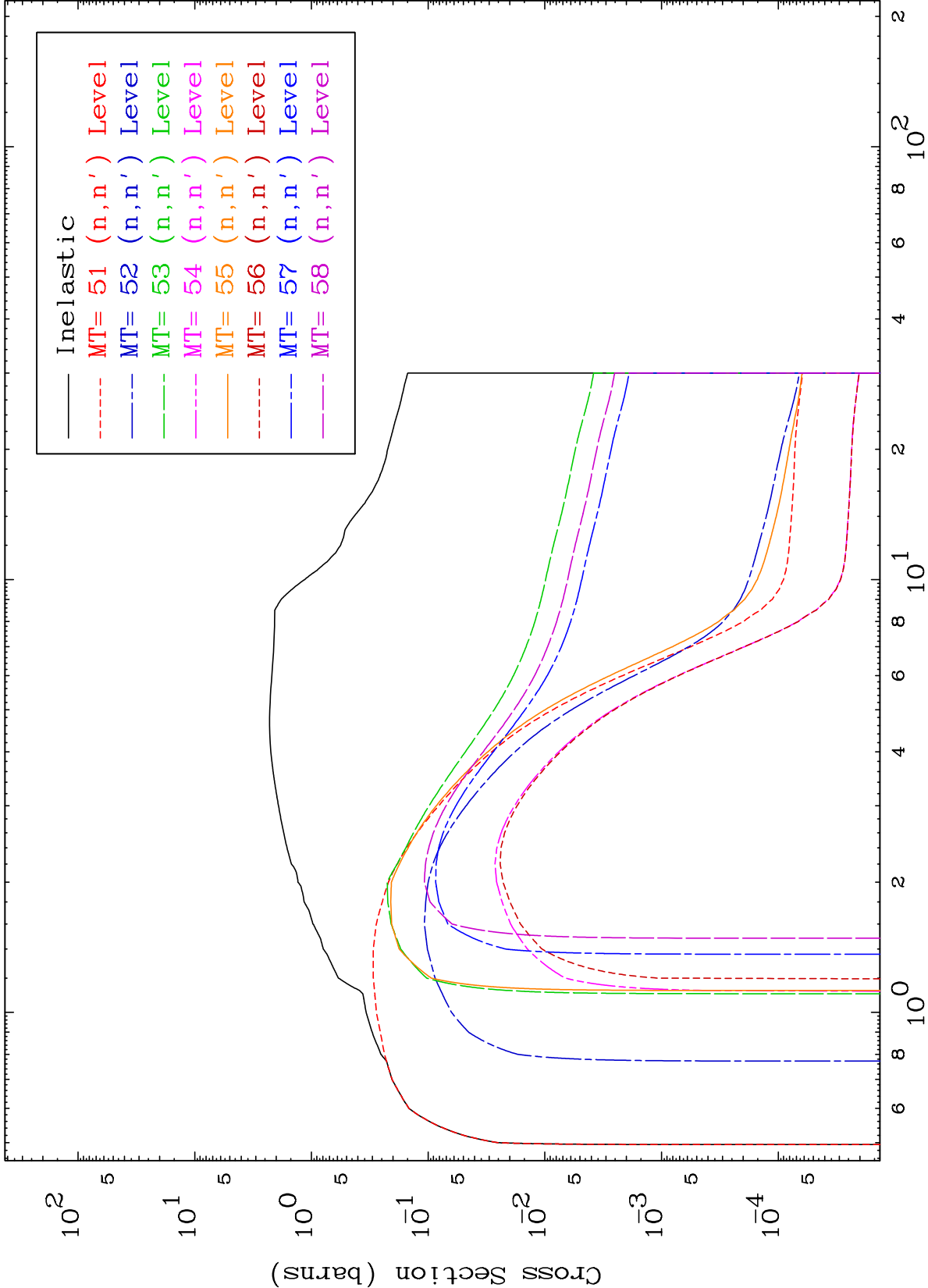


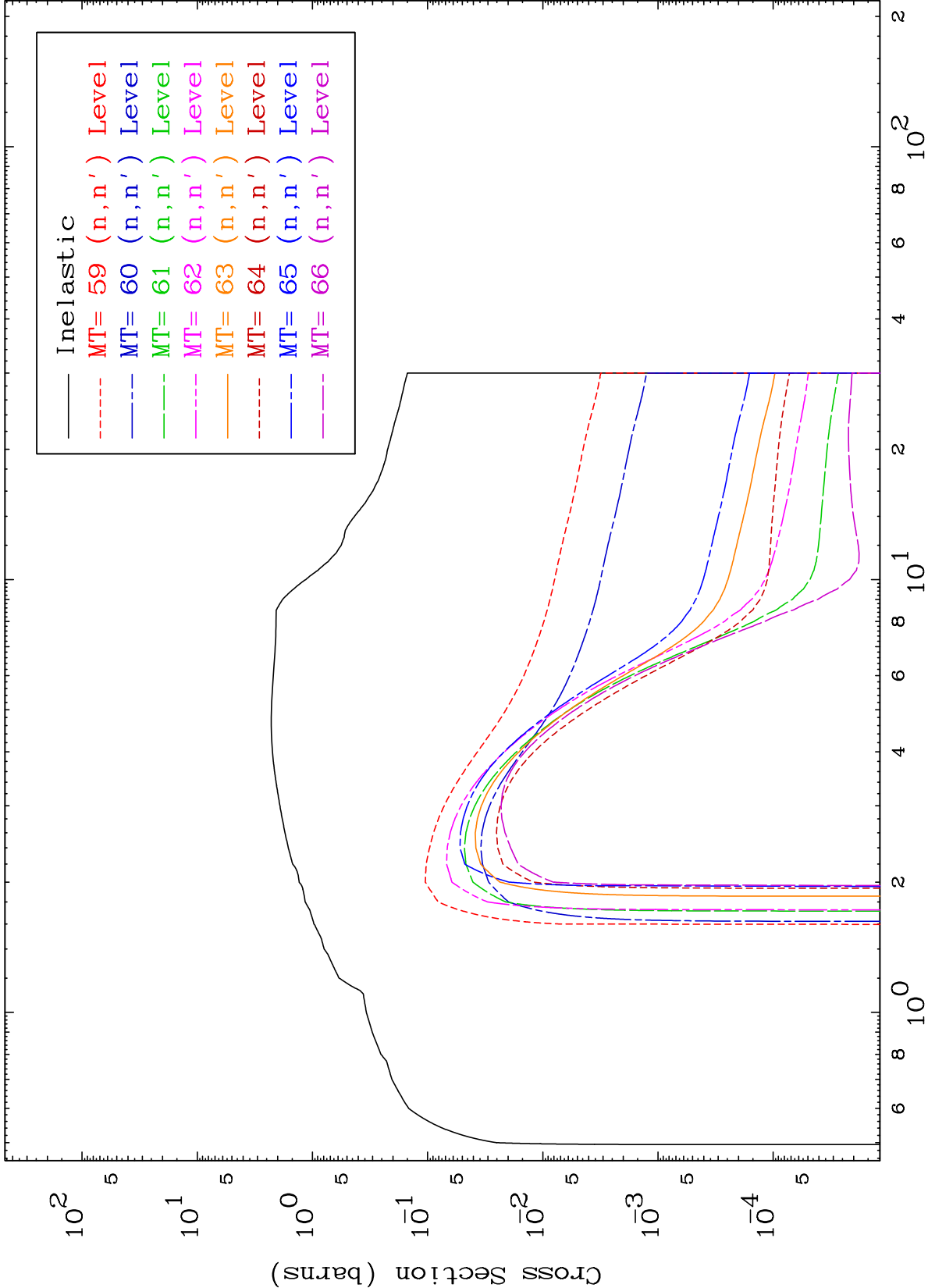
6

Incident Energy (MeV)

51-Sb-127





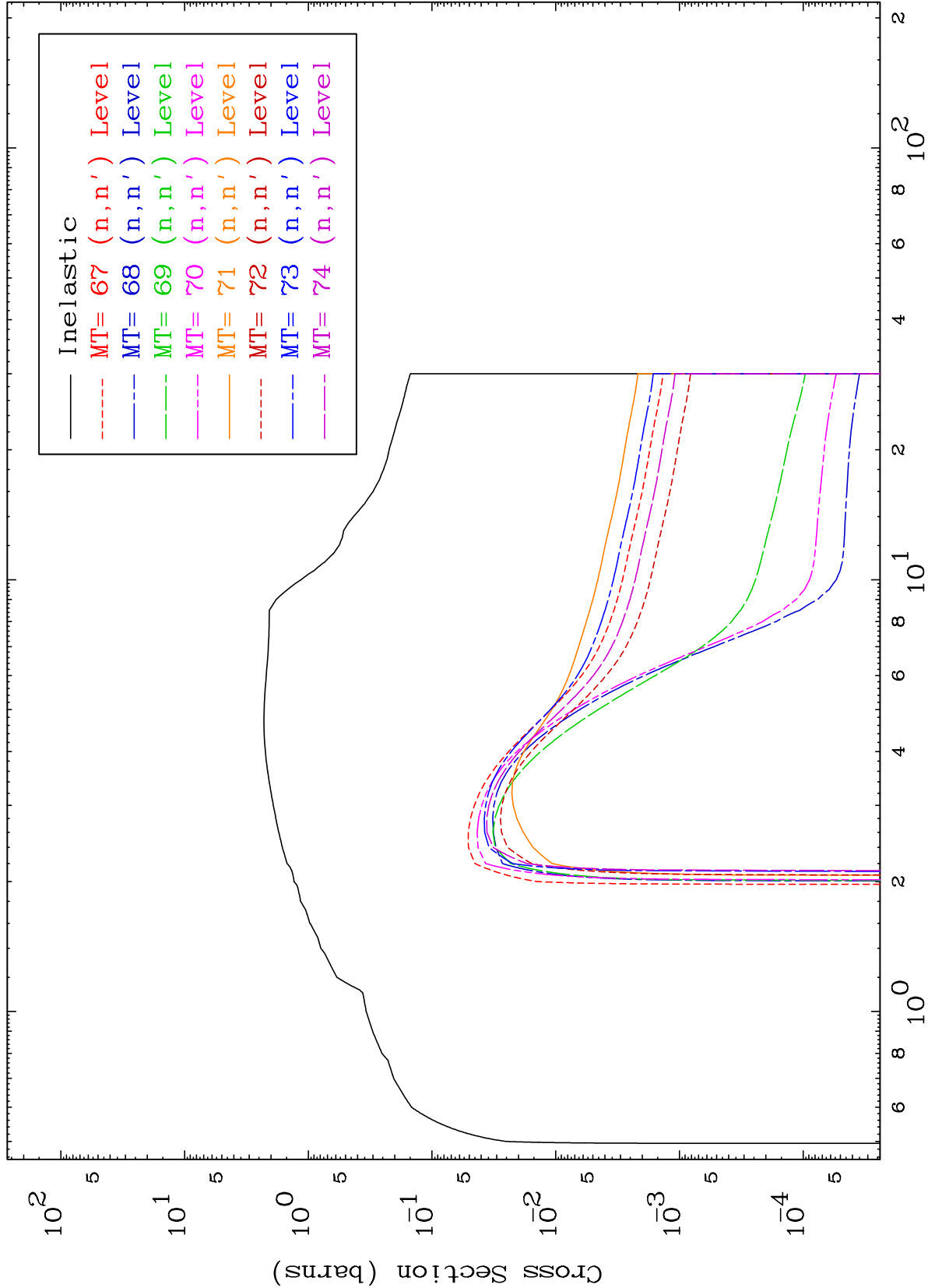


MAT 5143

(n,n') Levels

293 Kelvin Cross Sections

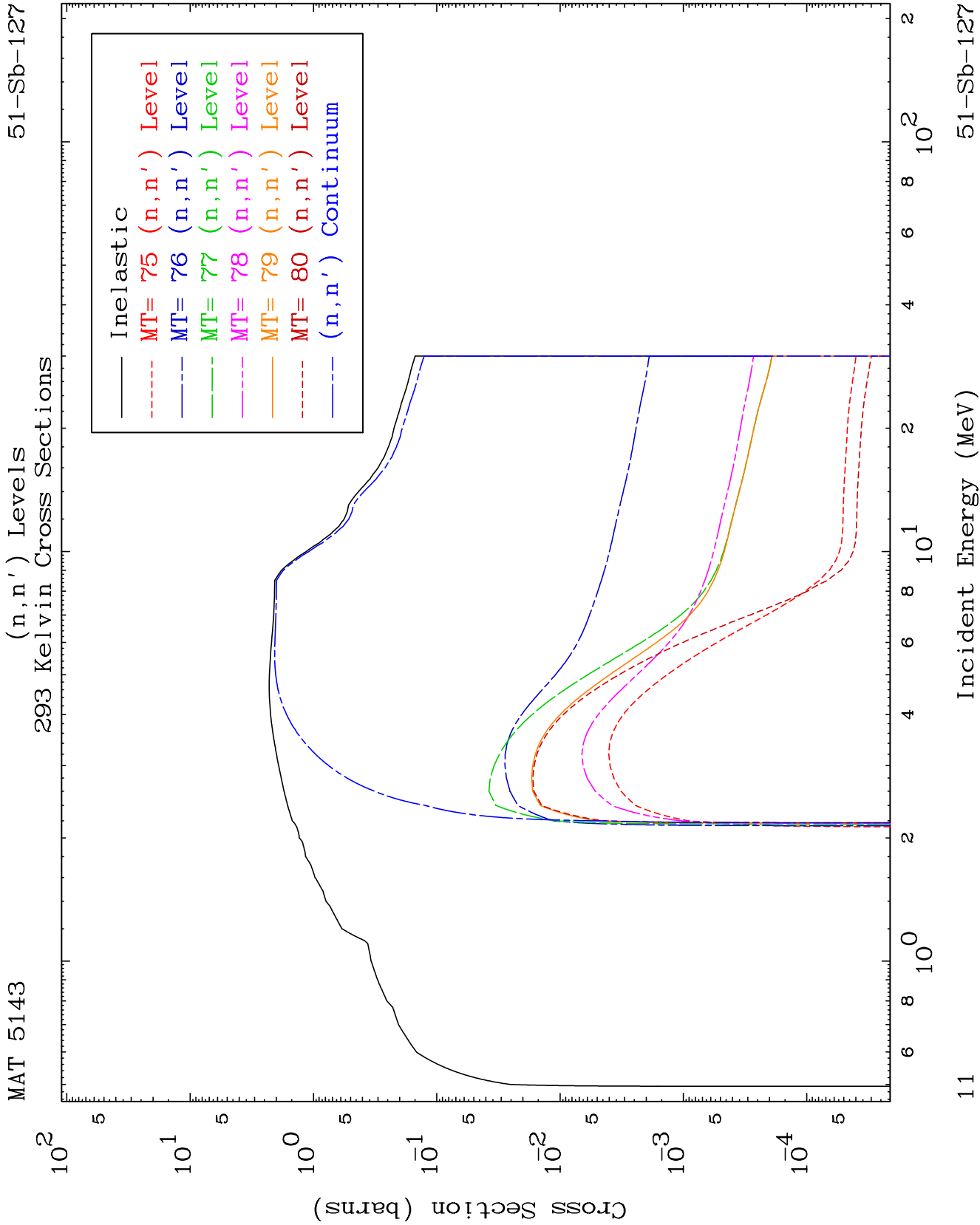
51-Sb-127



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Incident Energy (MeV)

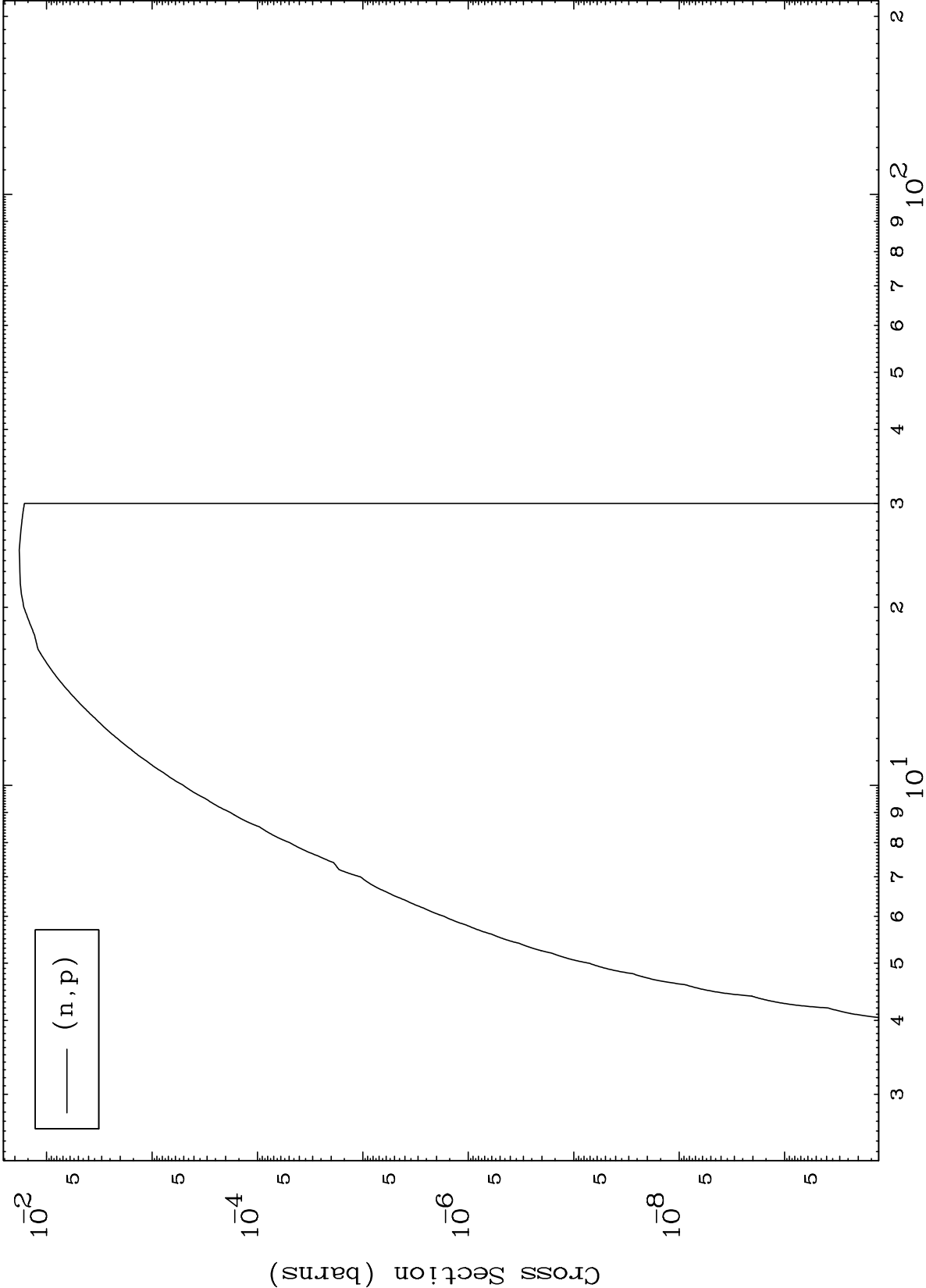
51-Sb-127



MAT 5143

(n,p) Levels
293 Kelvin Cross Sections

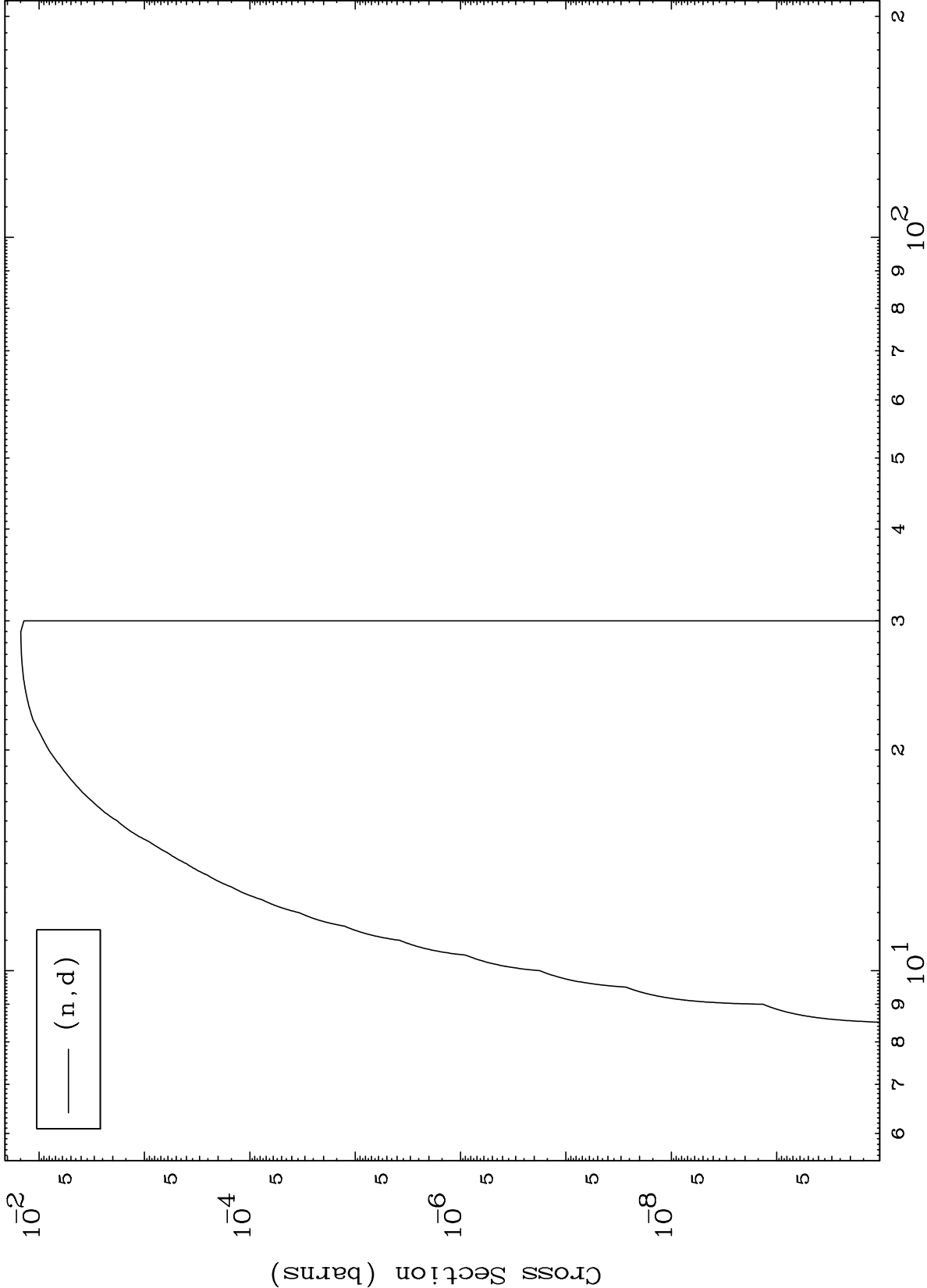
51-Sb-127



MAT 5143

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-127



13

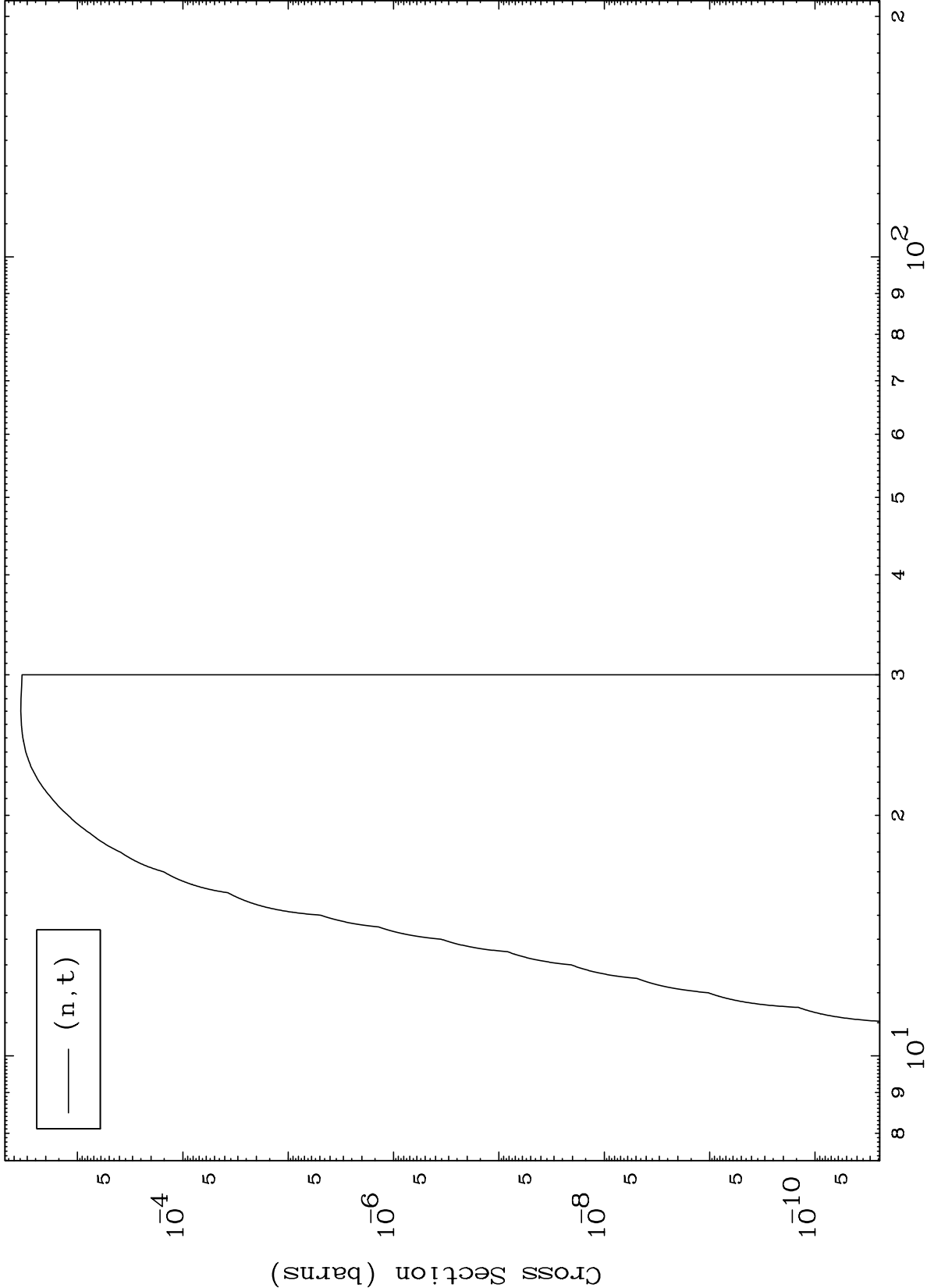
Incident Energy (MeV)

51-Sb-127

MAT 5143

(n,t) Levels
293 Kelvin Cross Sections

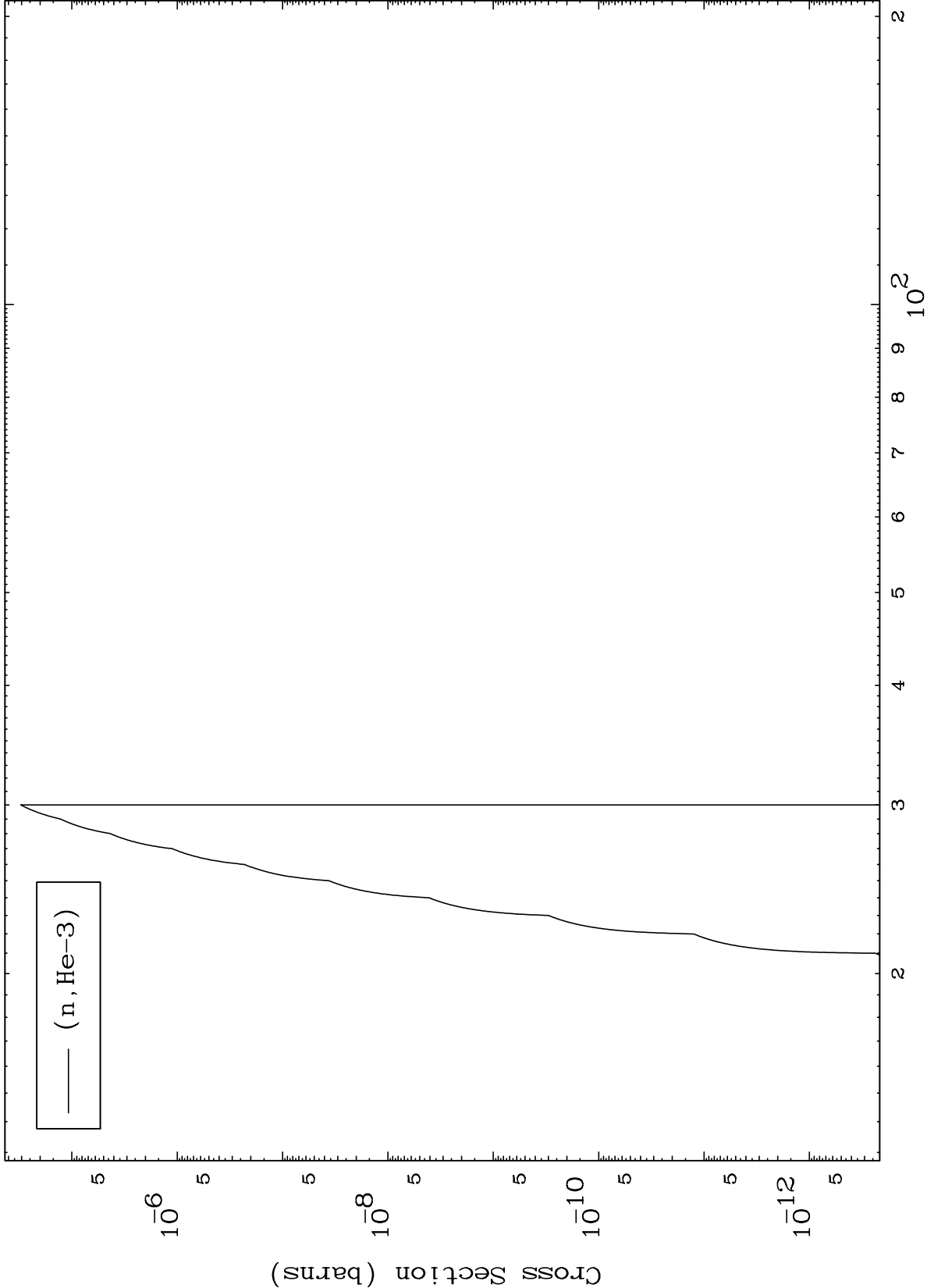
51-Sb-127



14

Incident Energy (MeV)

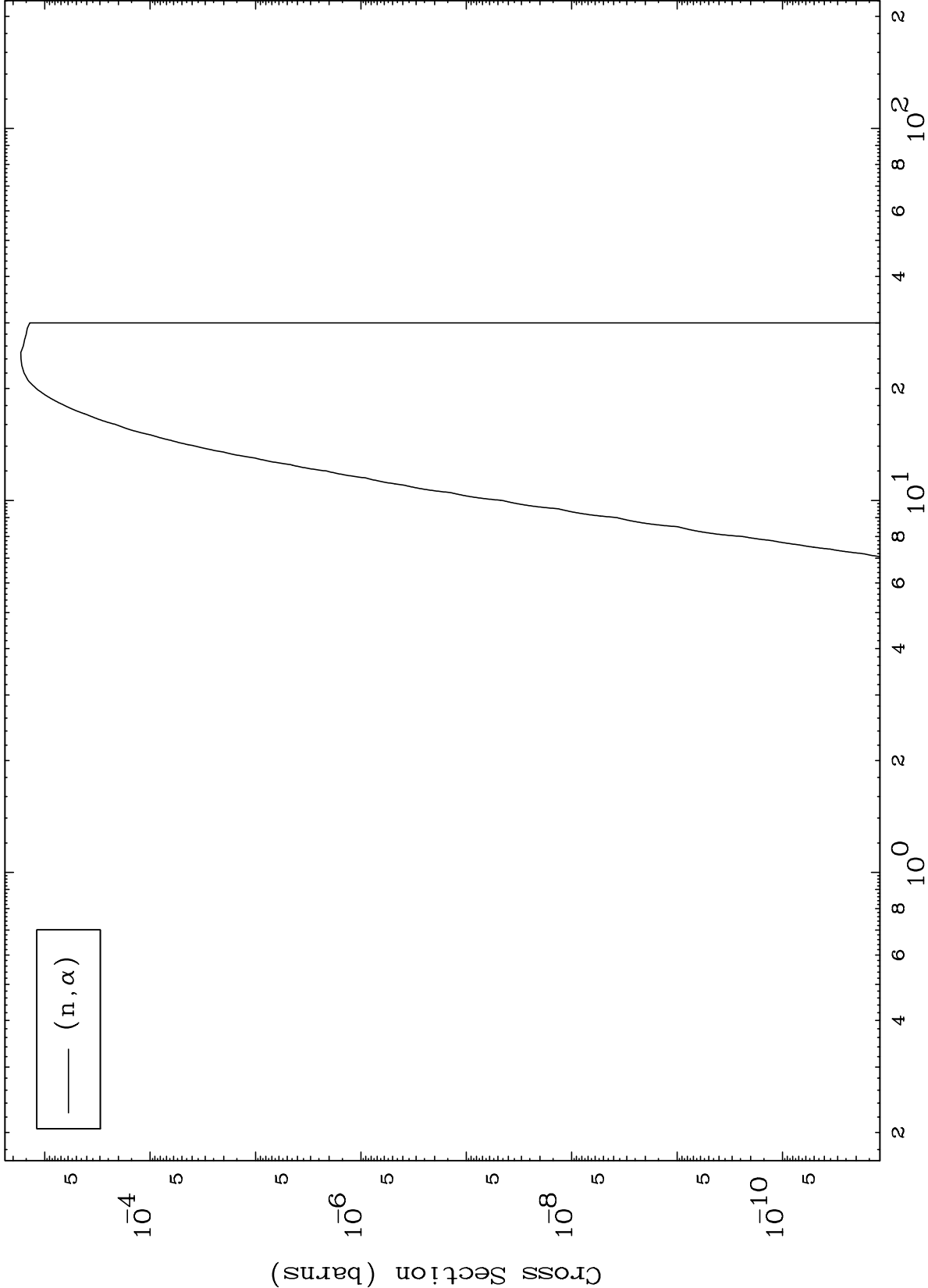
51-Sb-127



MAT 5143

(n, α) Levels
293 Kelvin Cross Sections

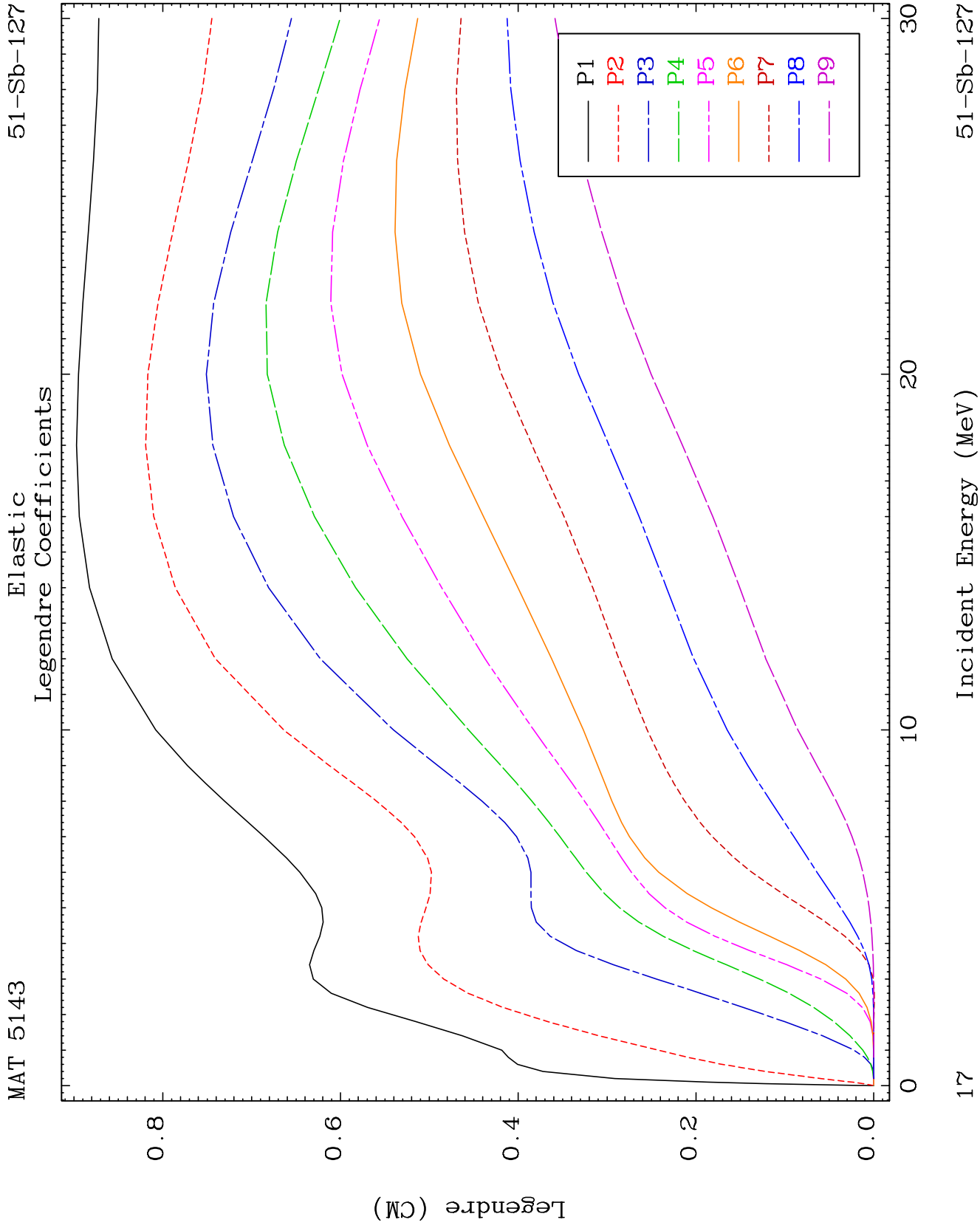
51-Sb-127

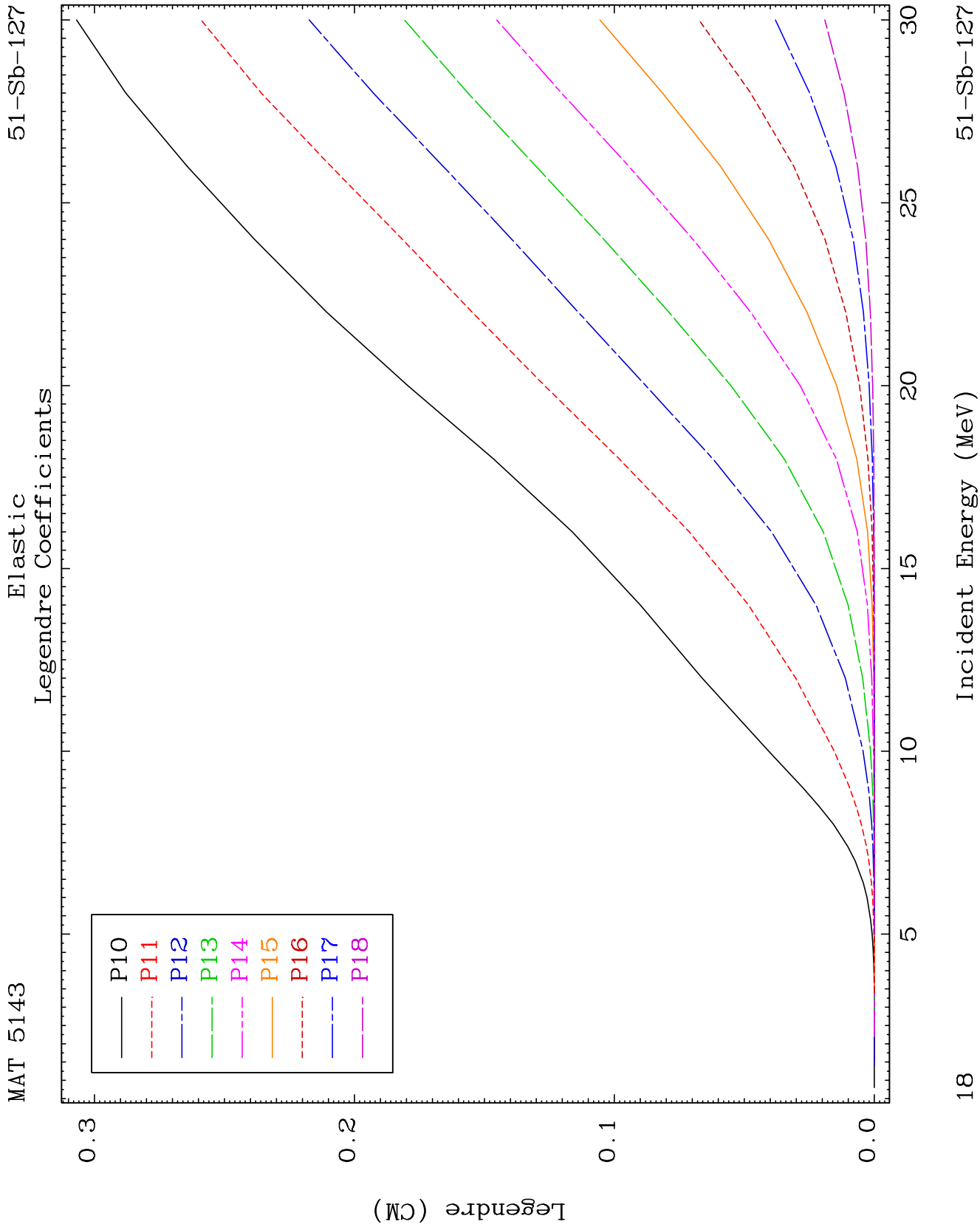


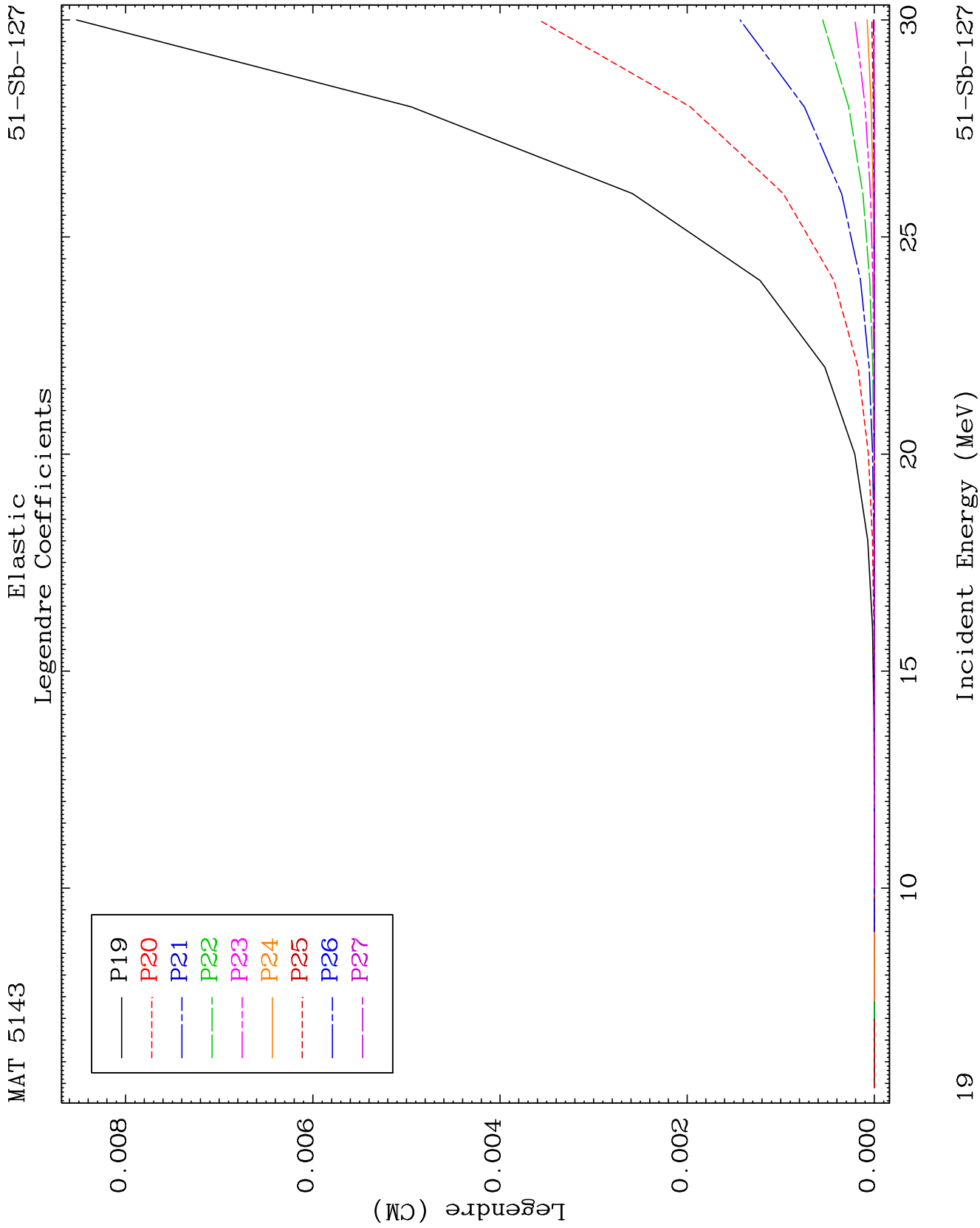
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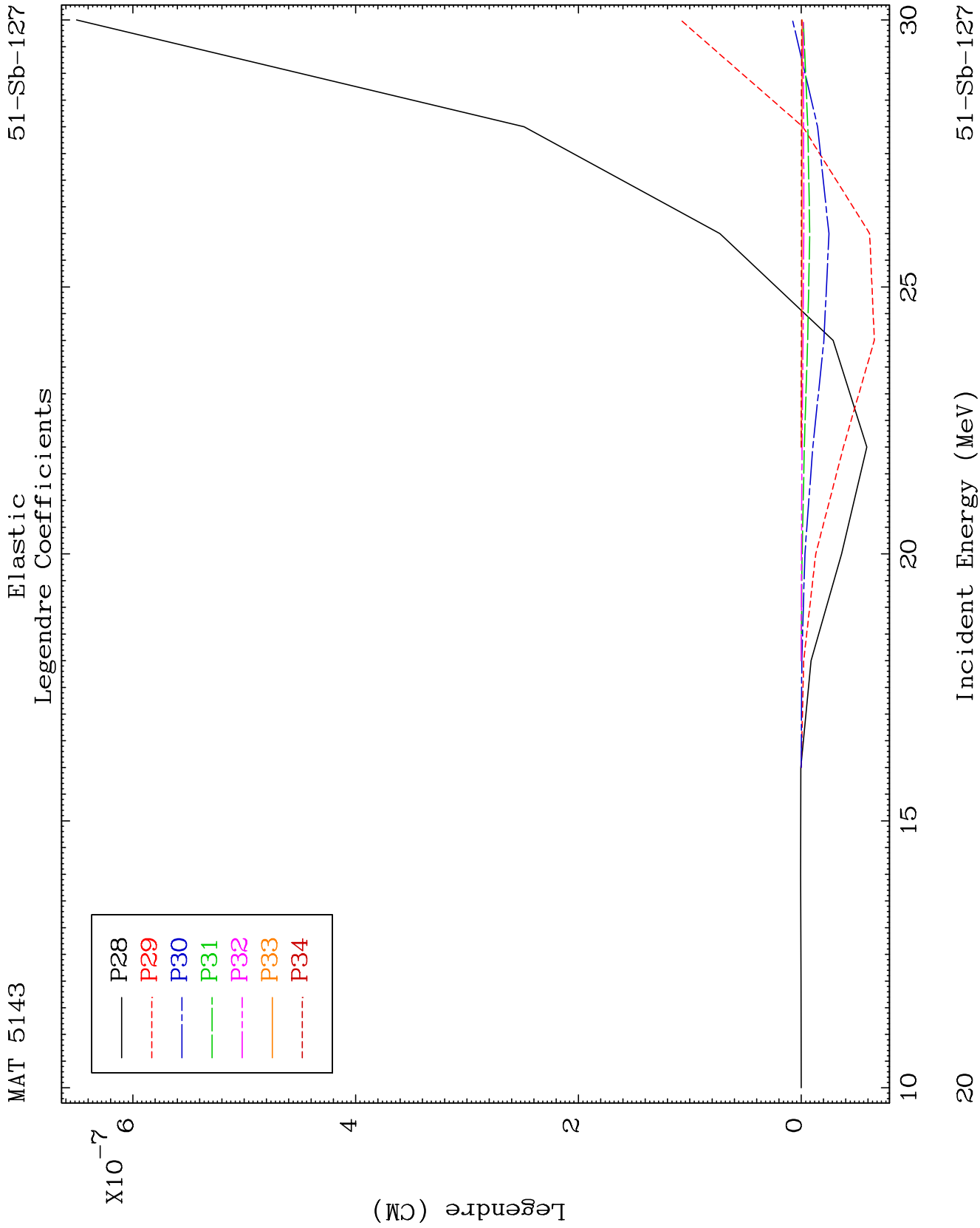
Incident Energy (MeV)

51-Sb-127





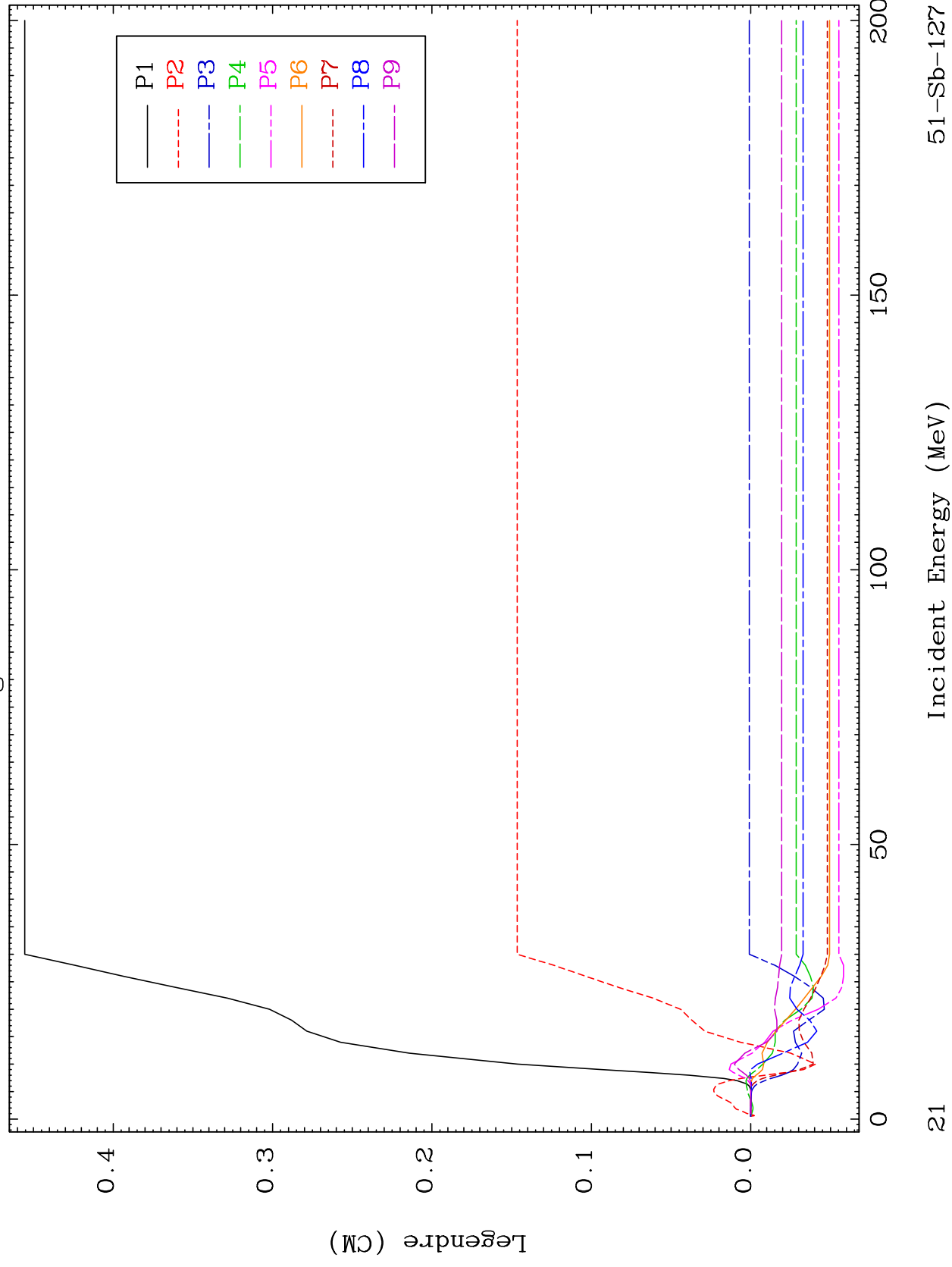




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MT= 51 (n, n') Level
Legendre Coefficients

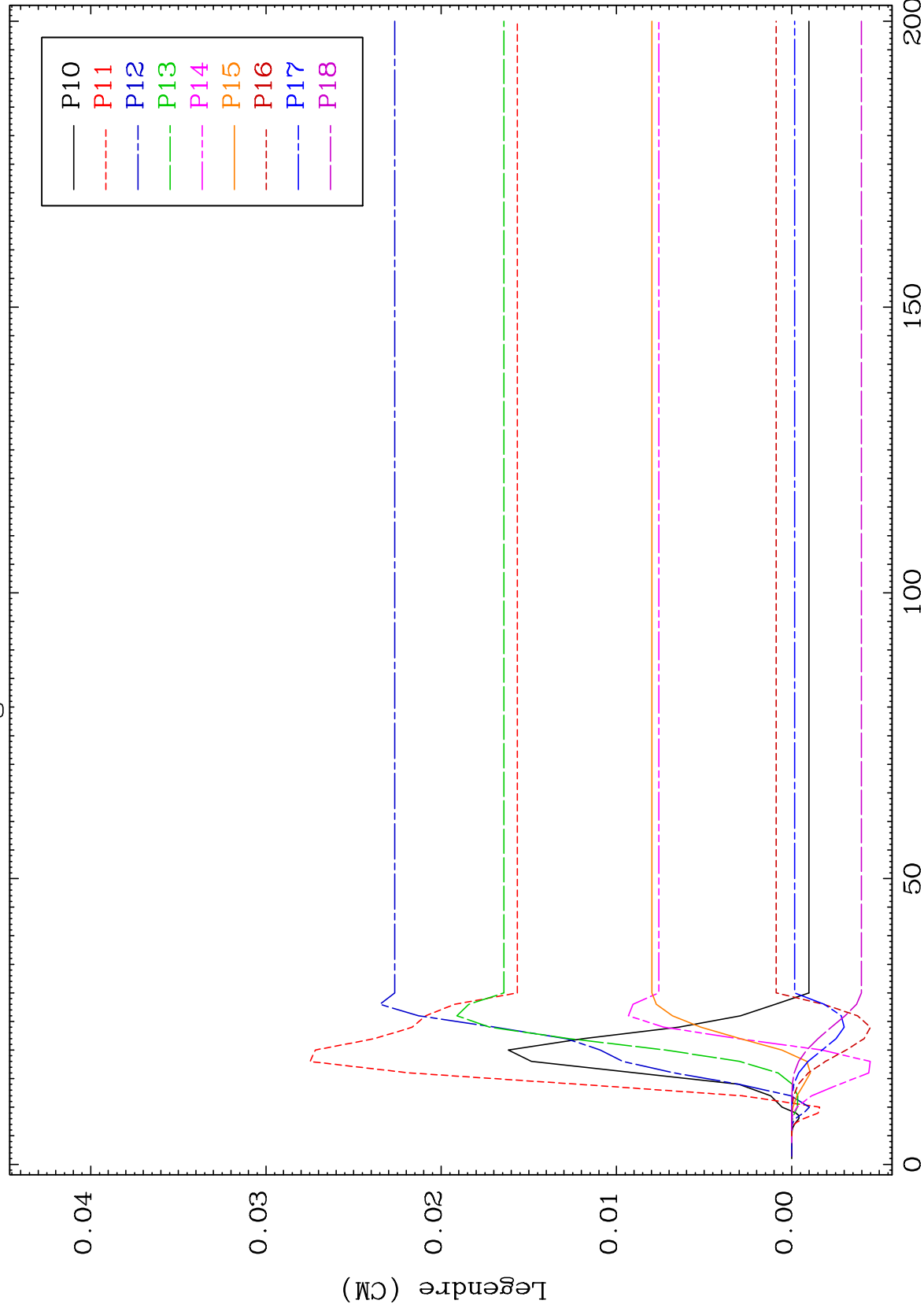
51-Sb-127



MAT 5143

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

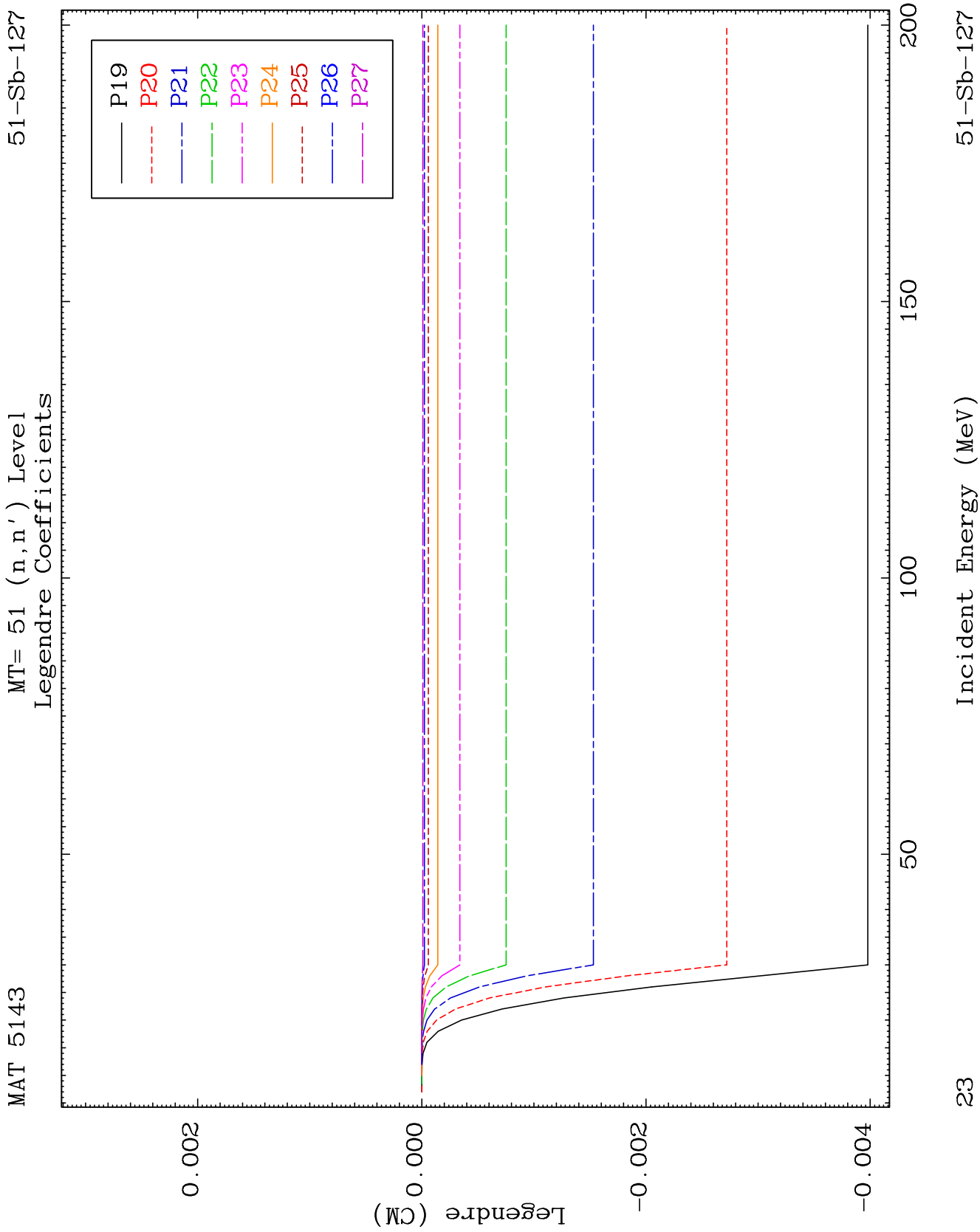
51-Sb-127

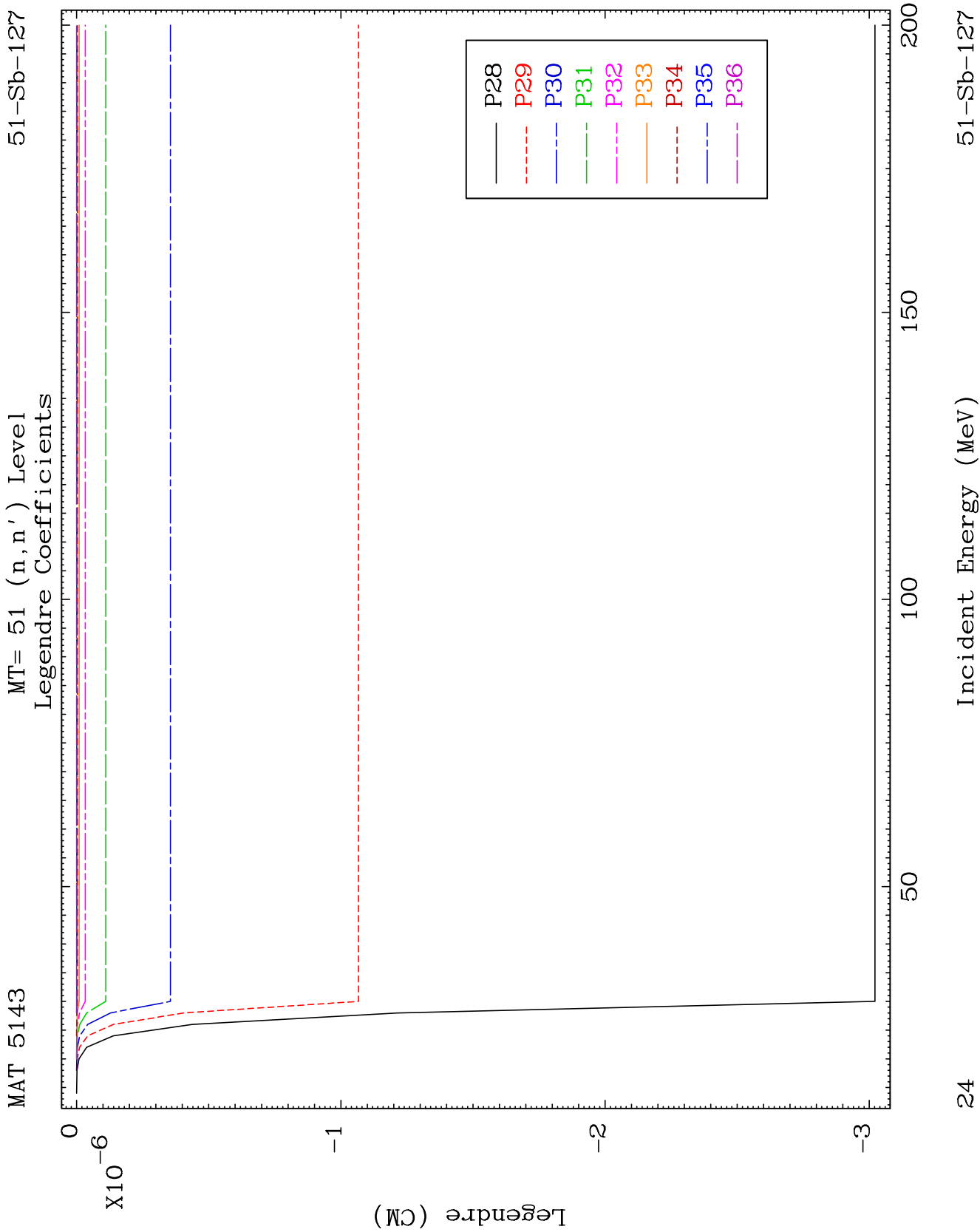


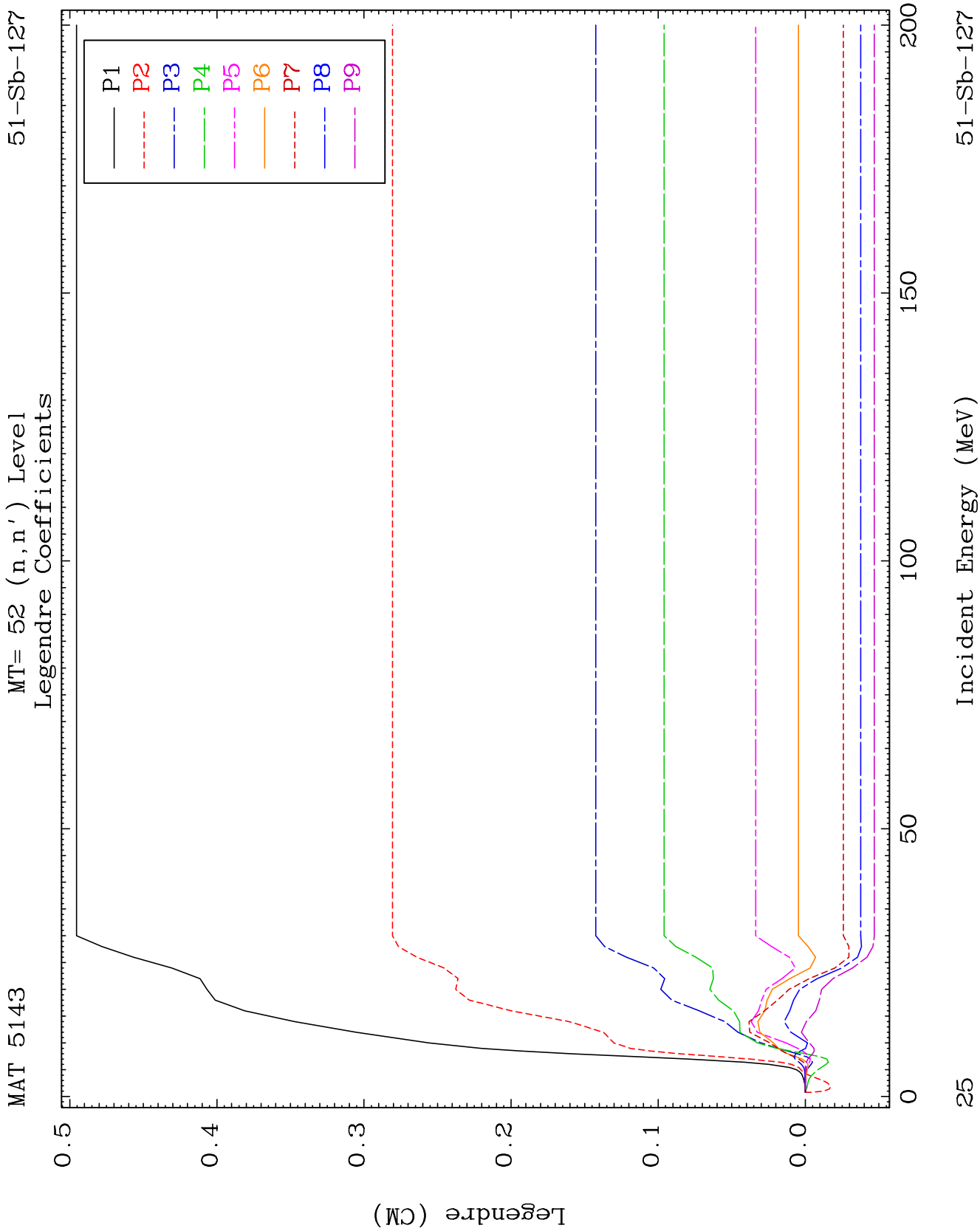
22

Incident Energy (MeV)

51-Sb-127



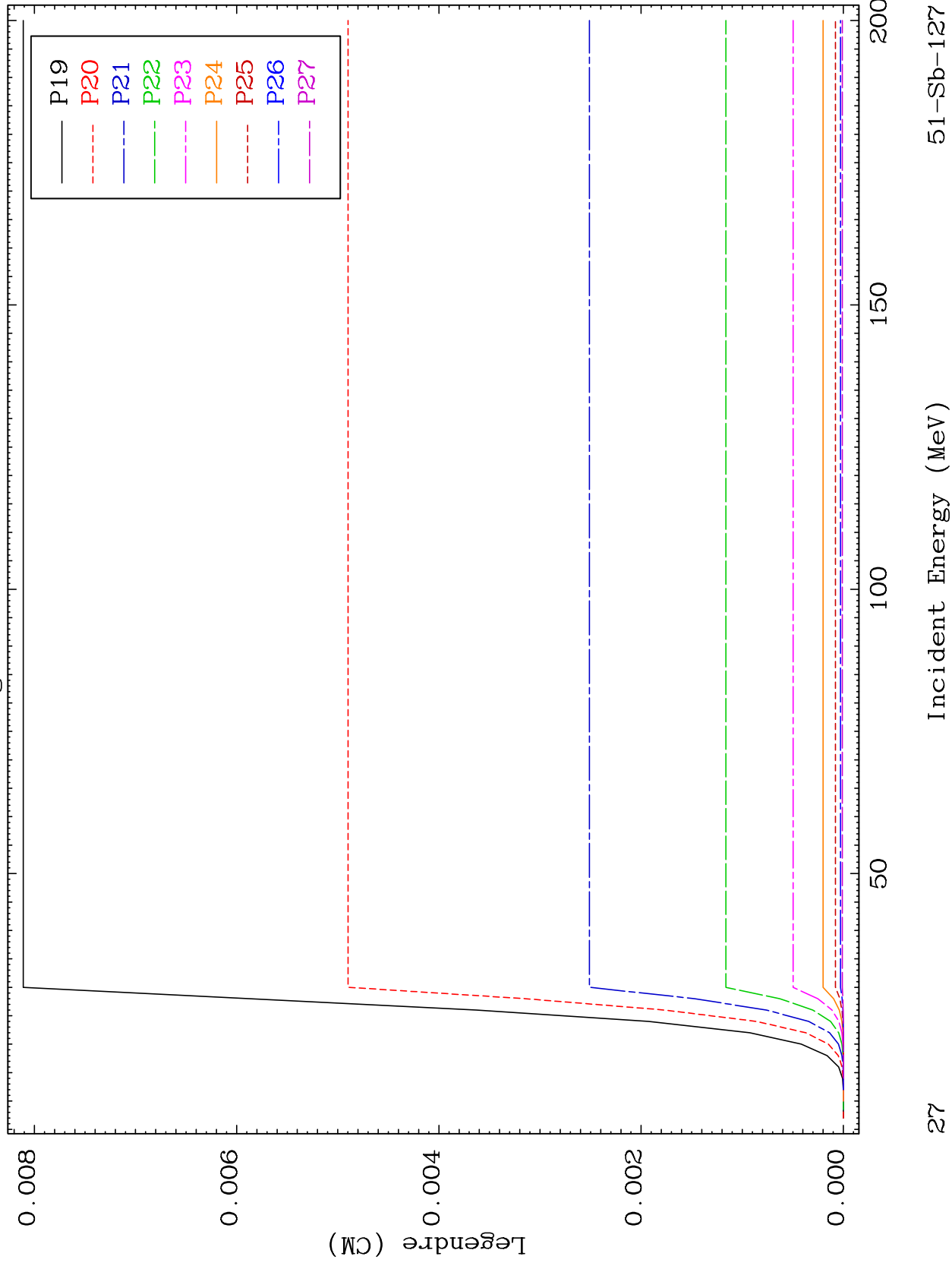


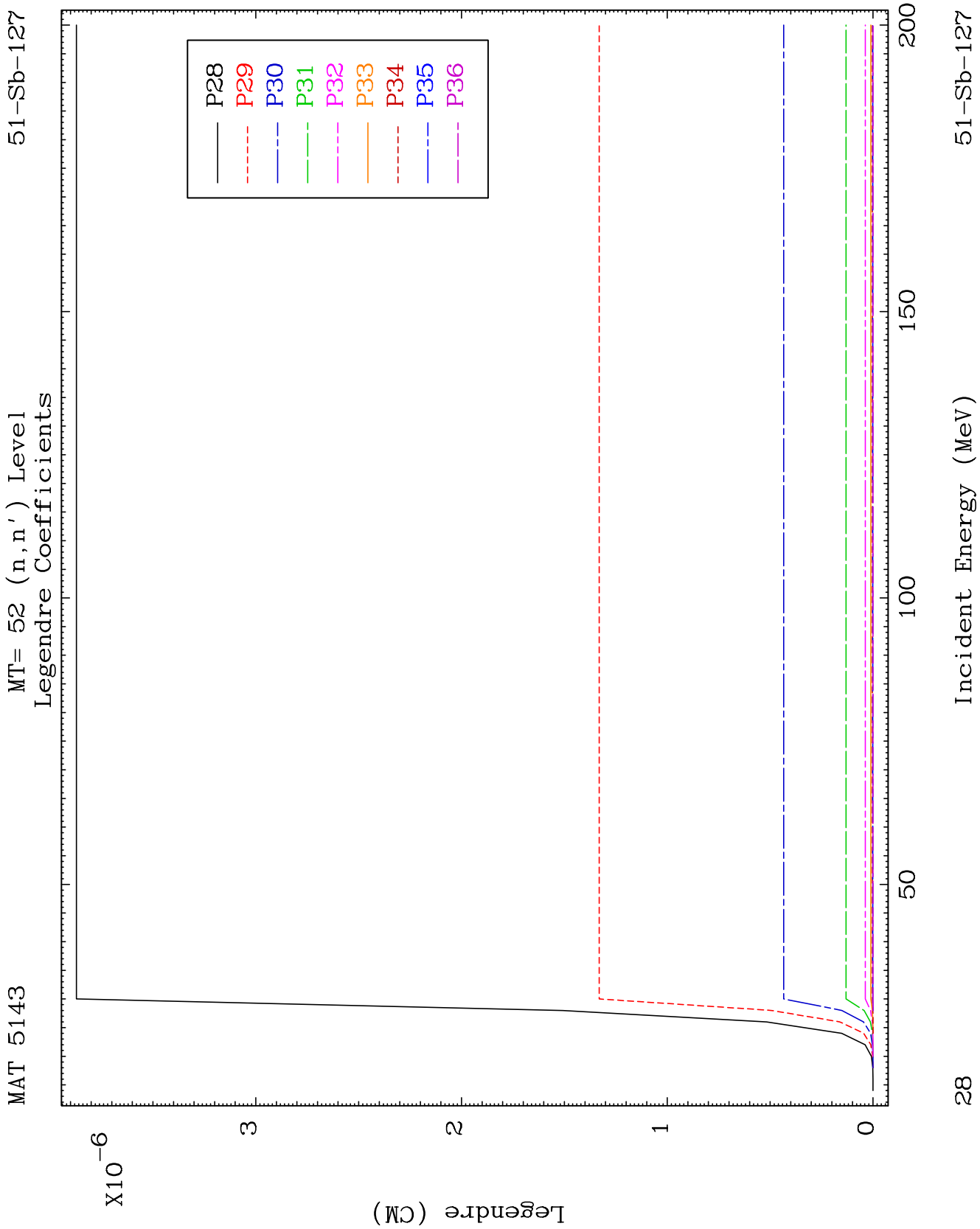


MAT 5143

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

51-Sb-127

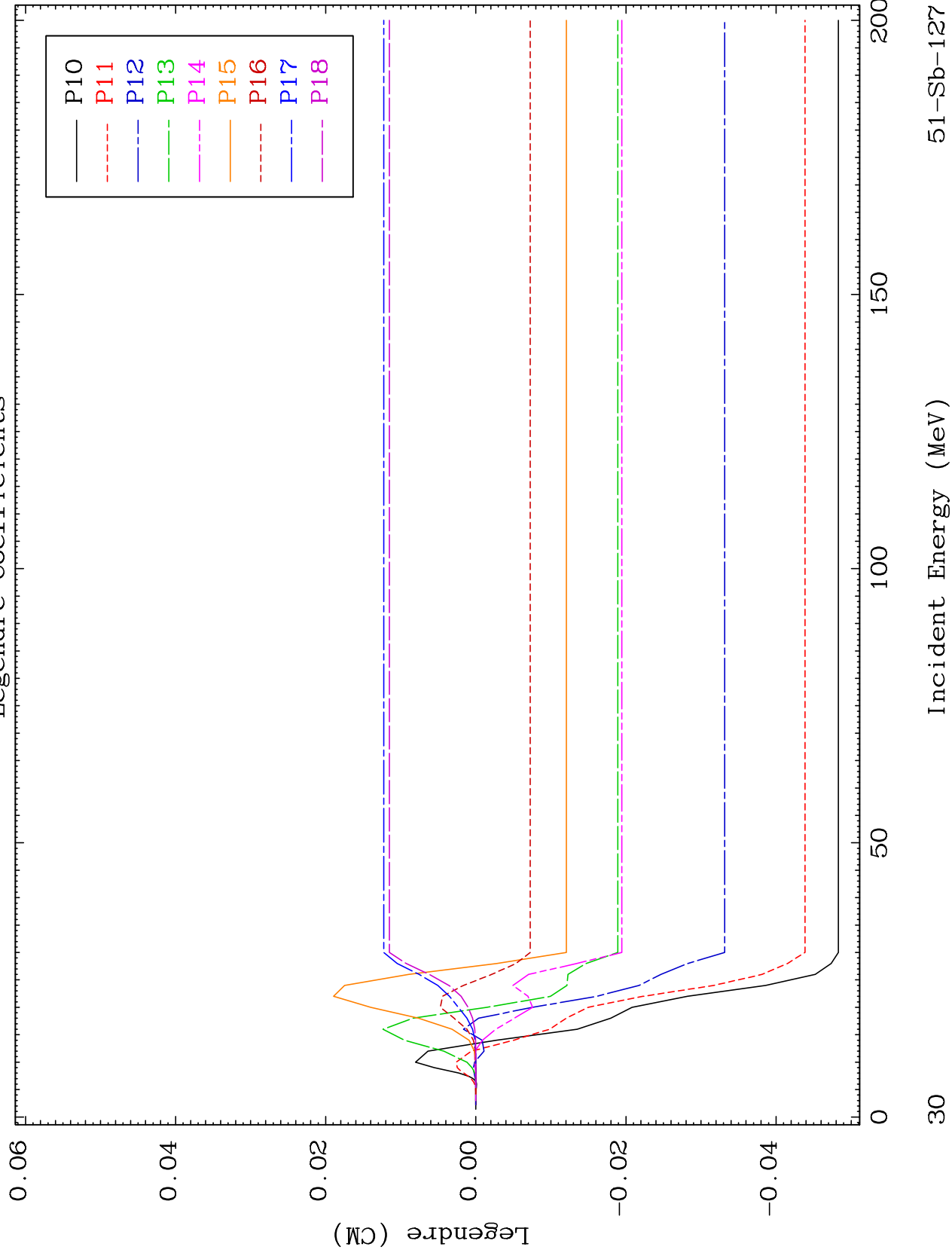


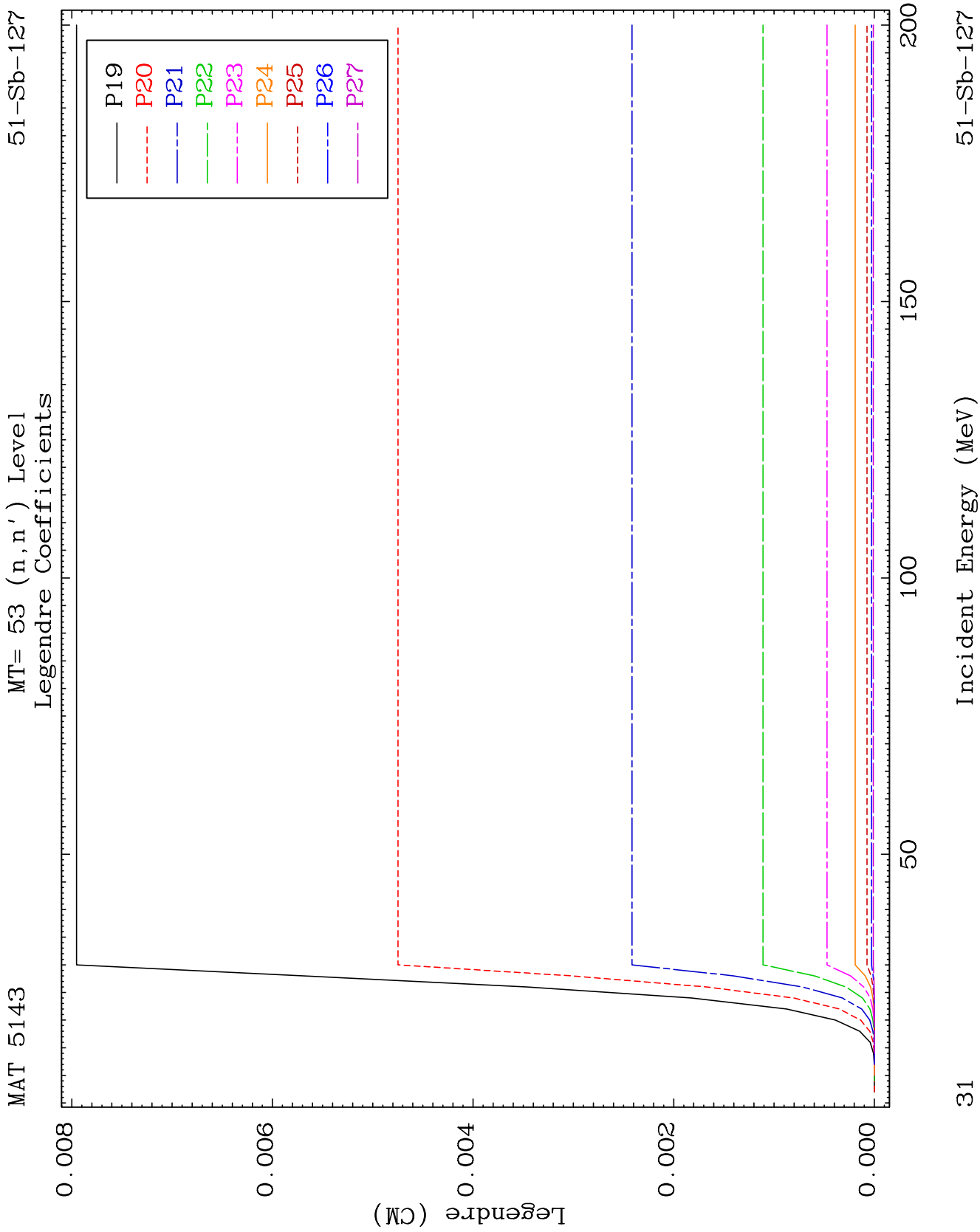


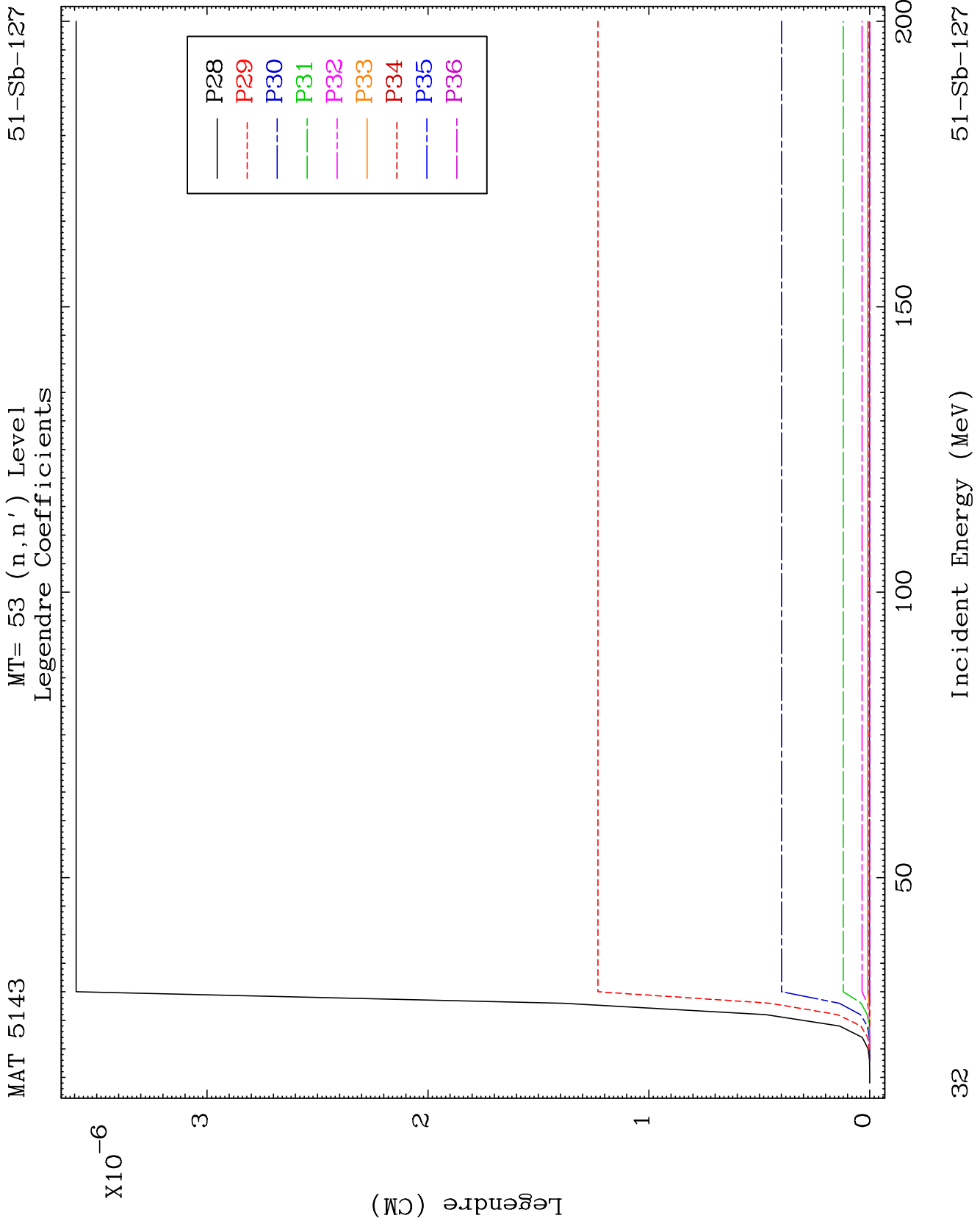
MAT 5143

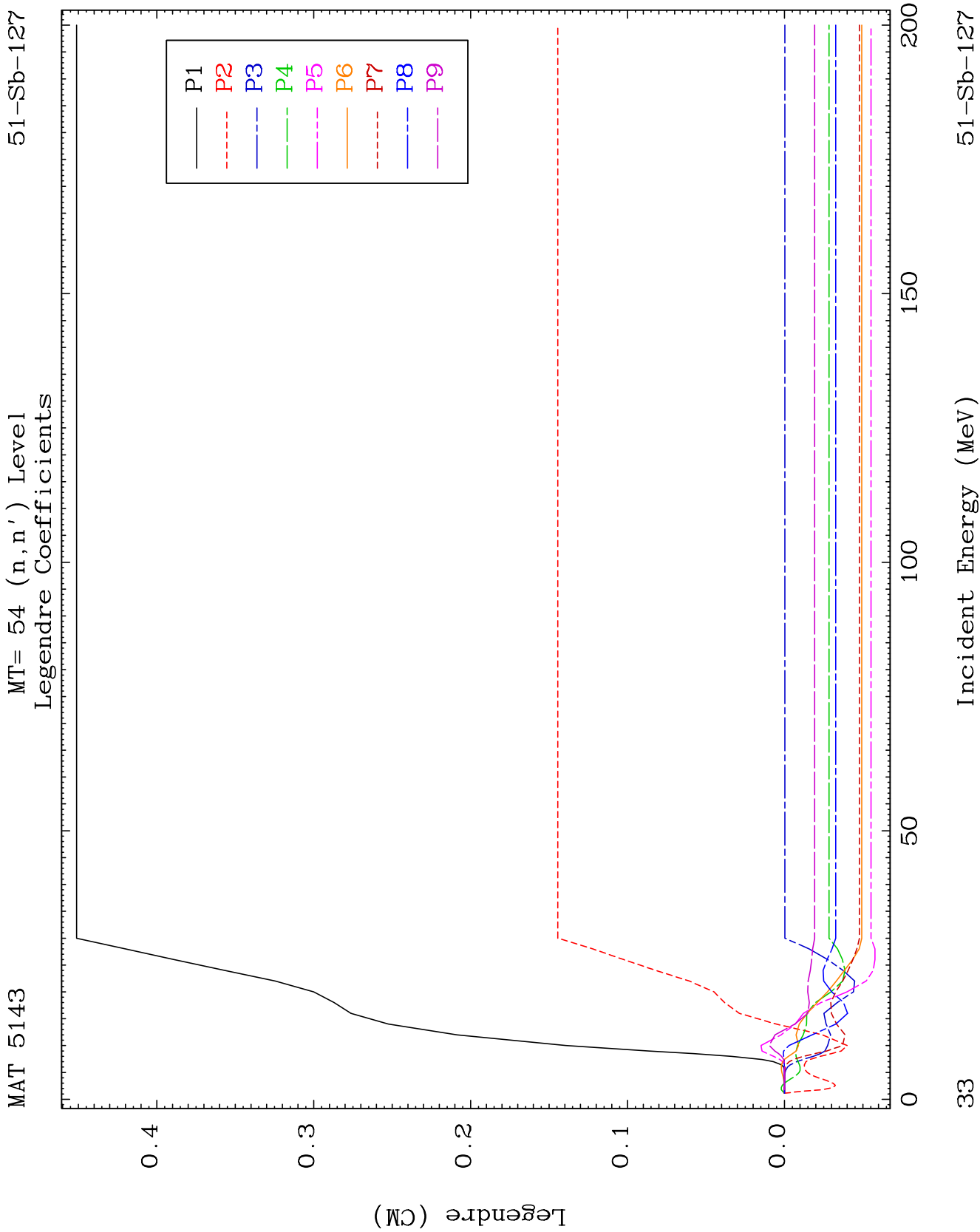
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Legendre Coefficients

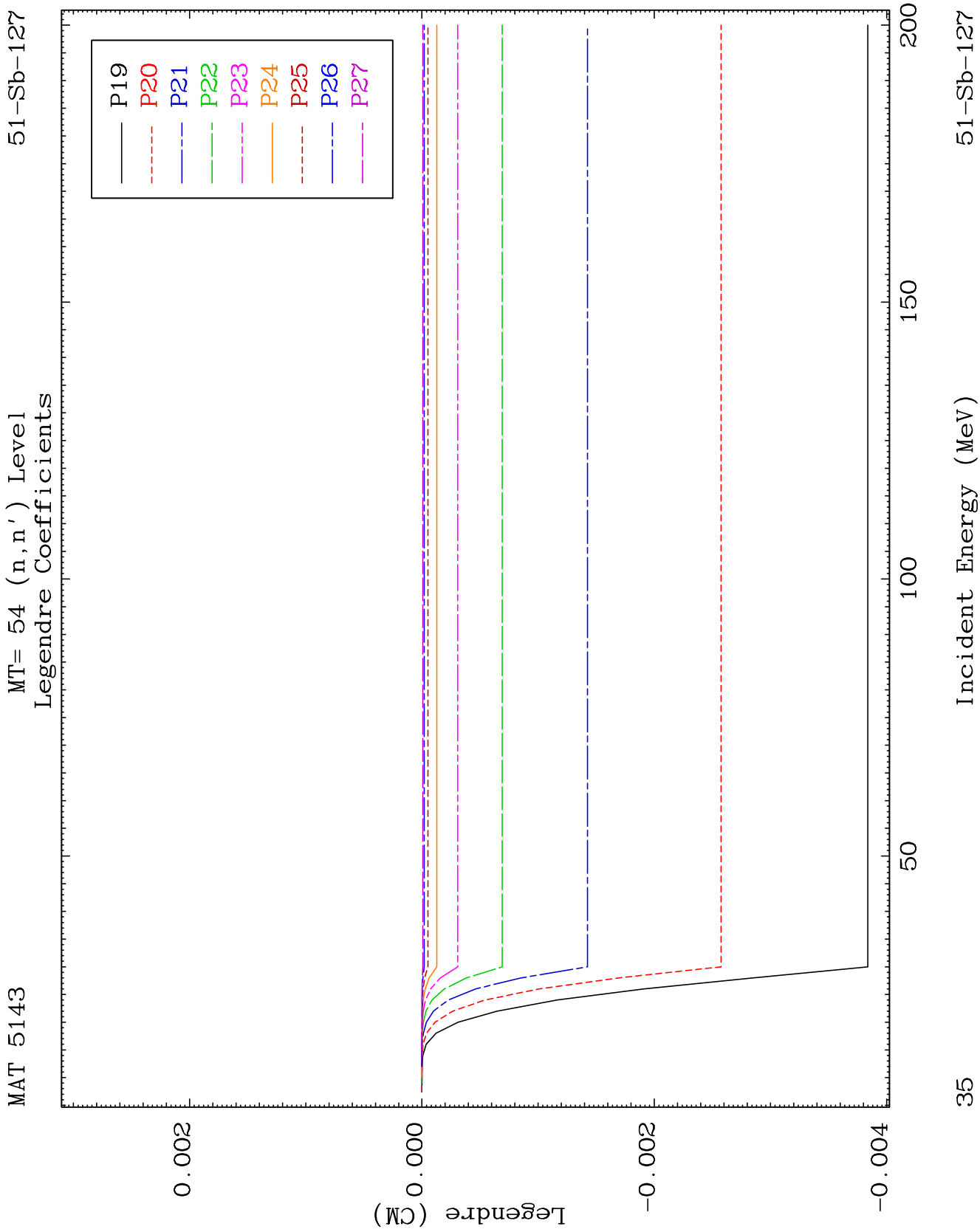
51-Sb-127

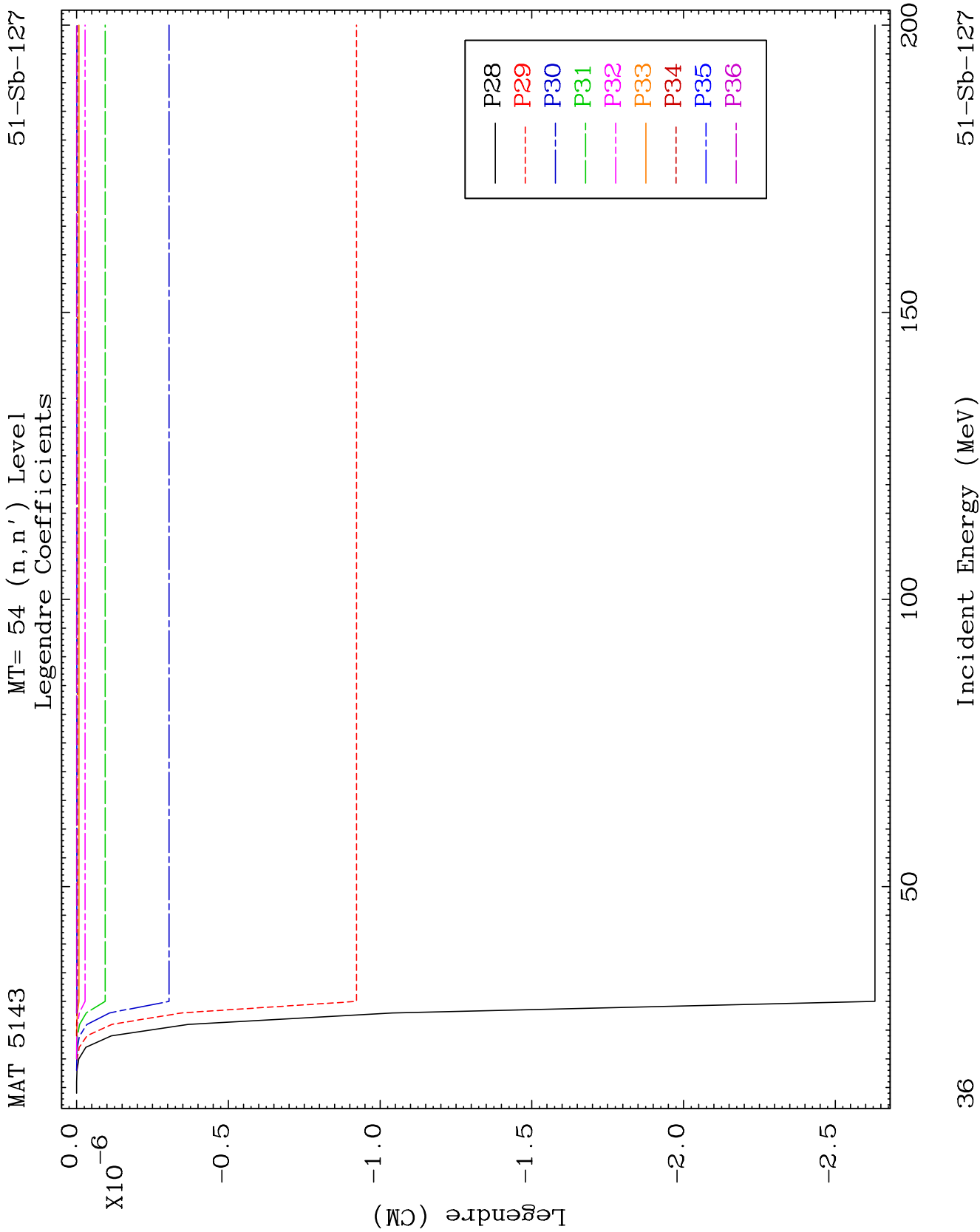








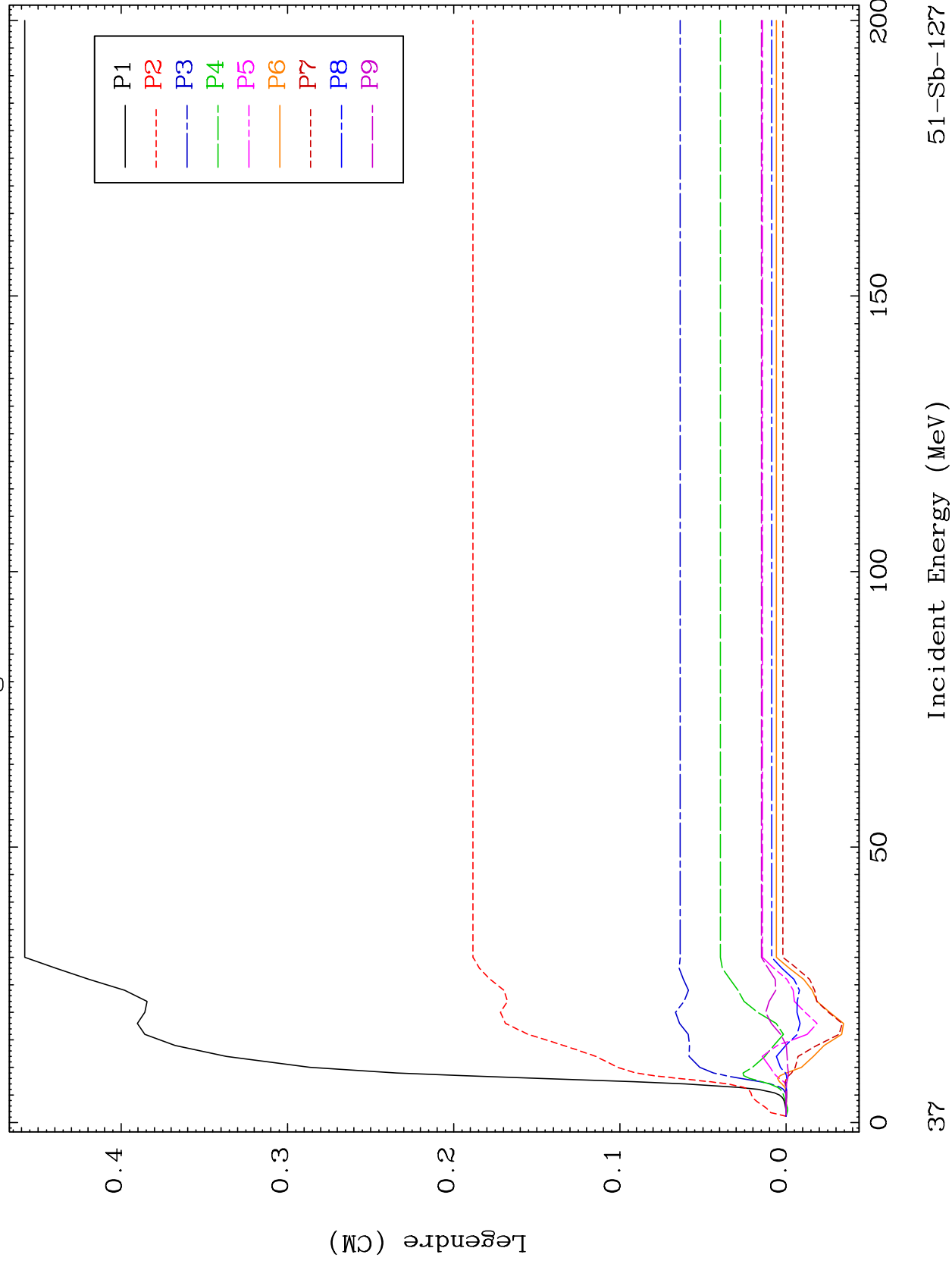


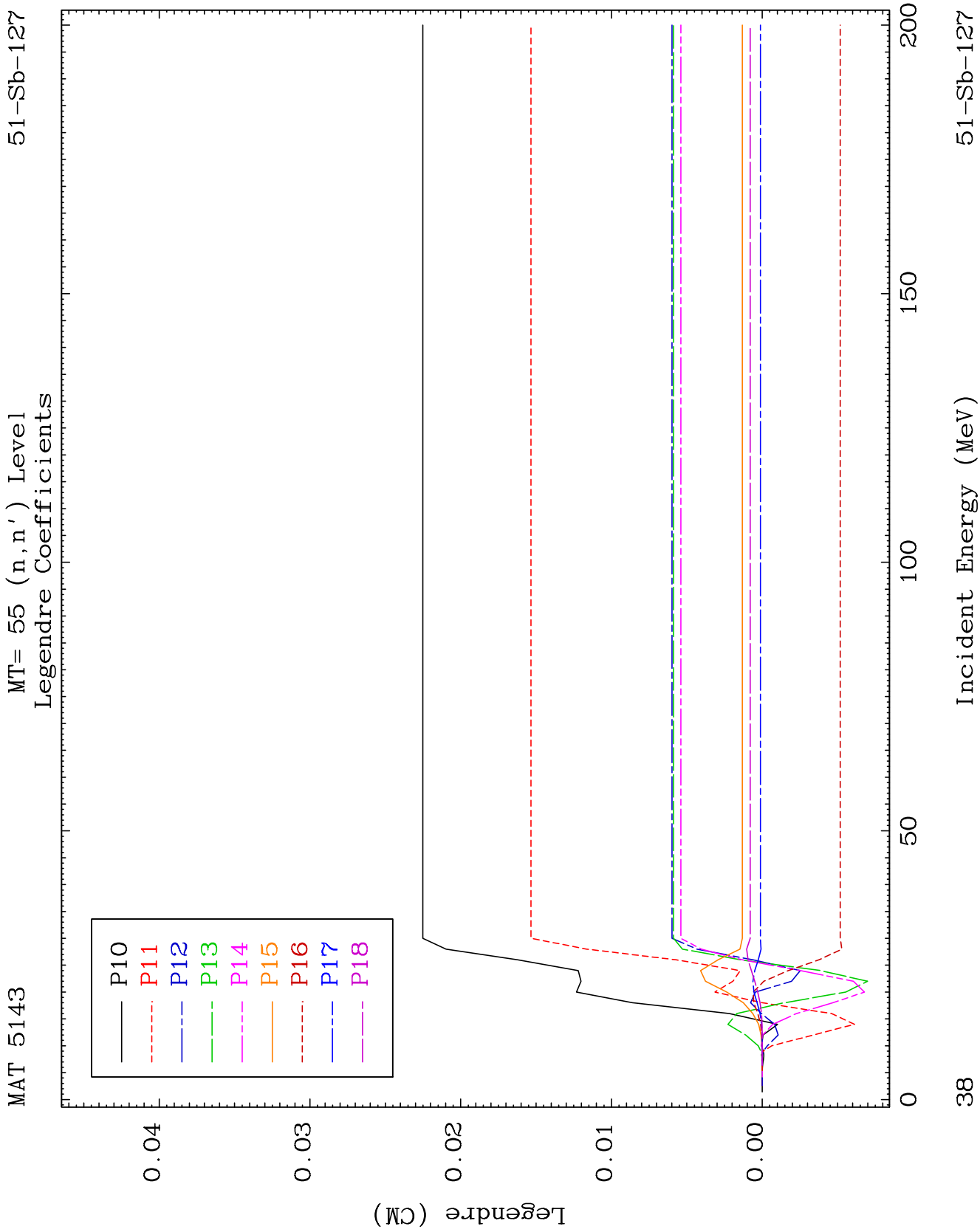


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MT= 55 (n, n') Level
Legendre Coefficients

51-Sb-127

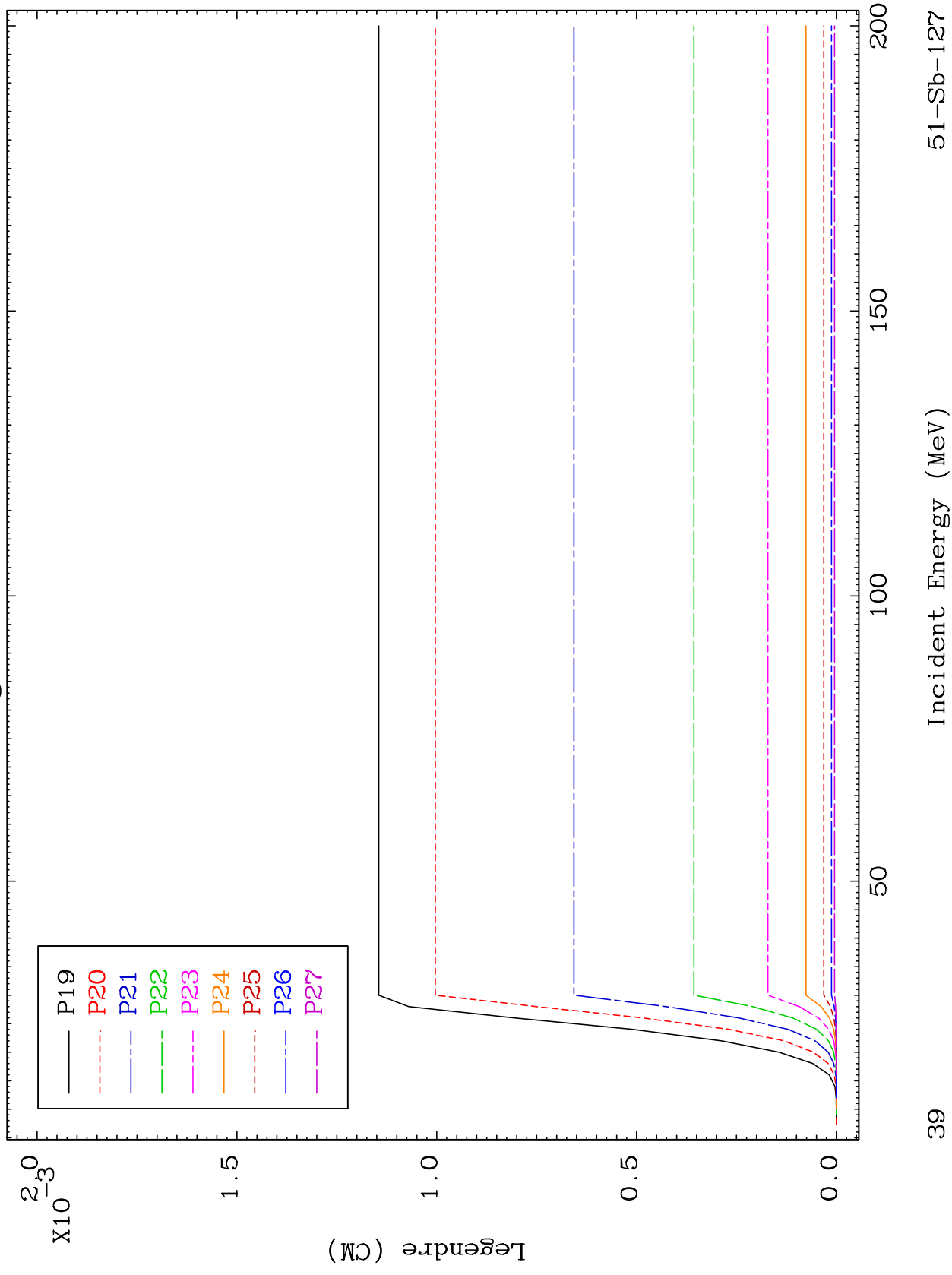


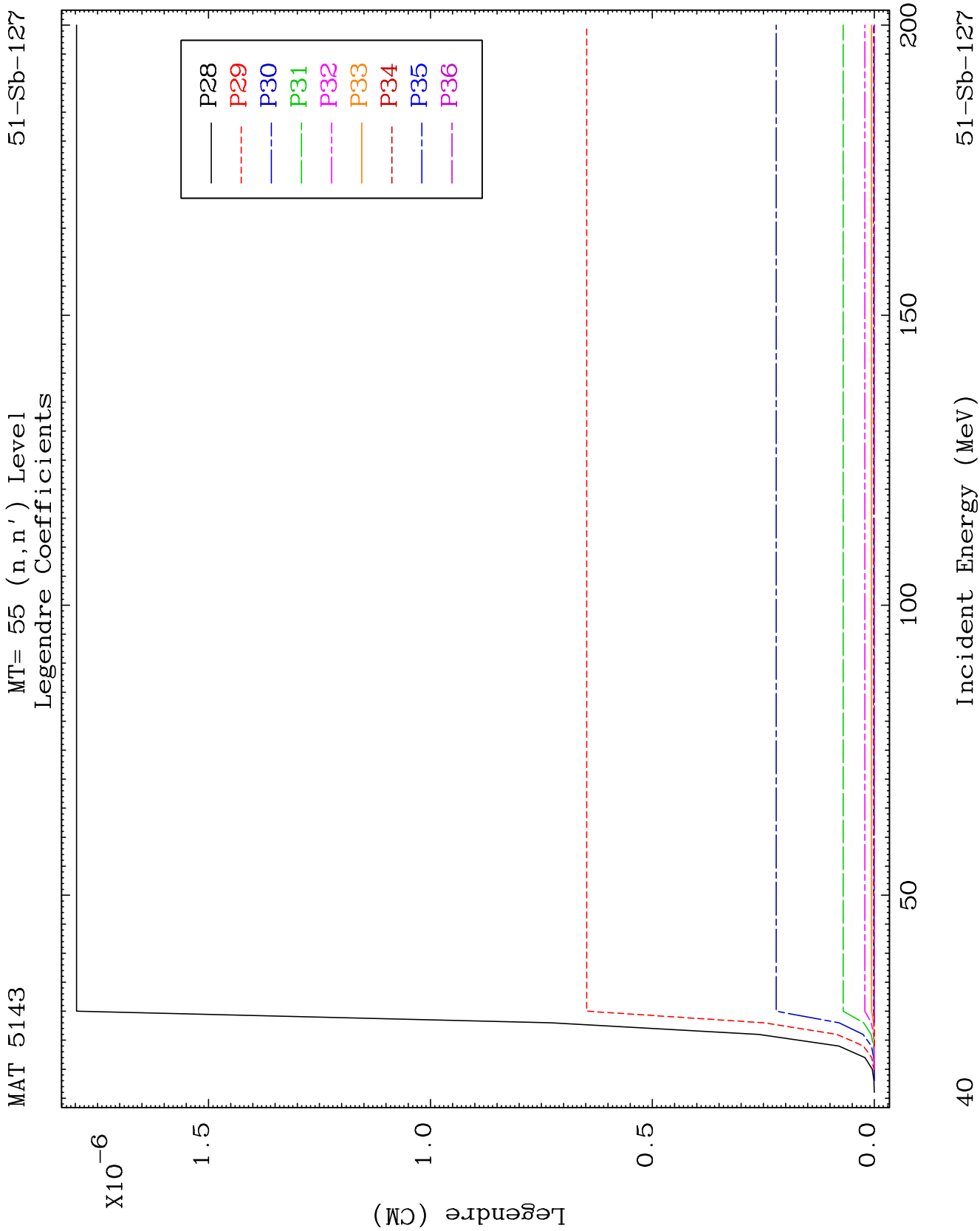


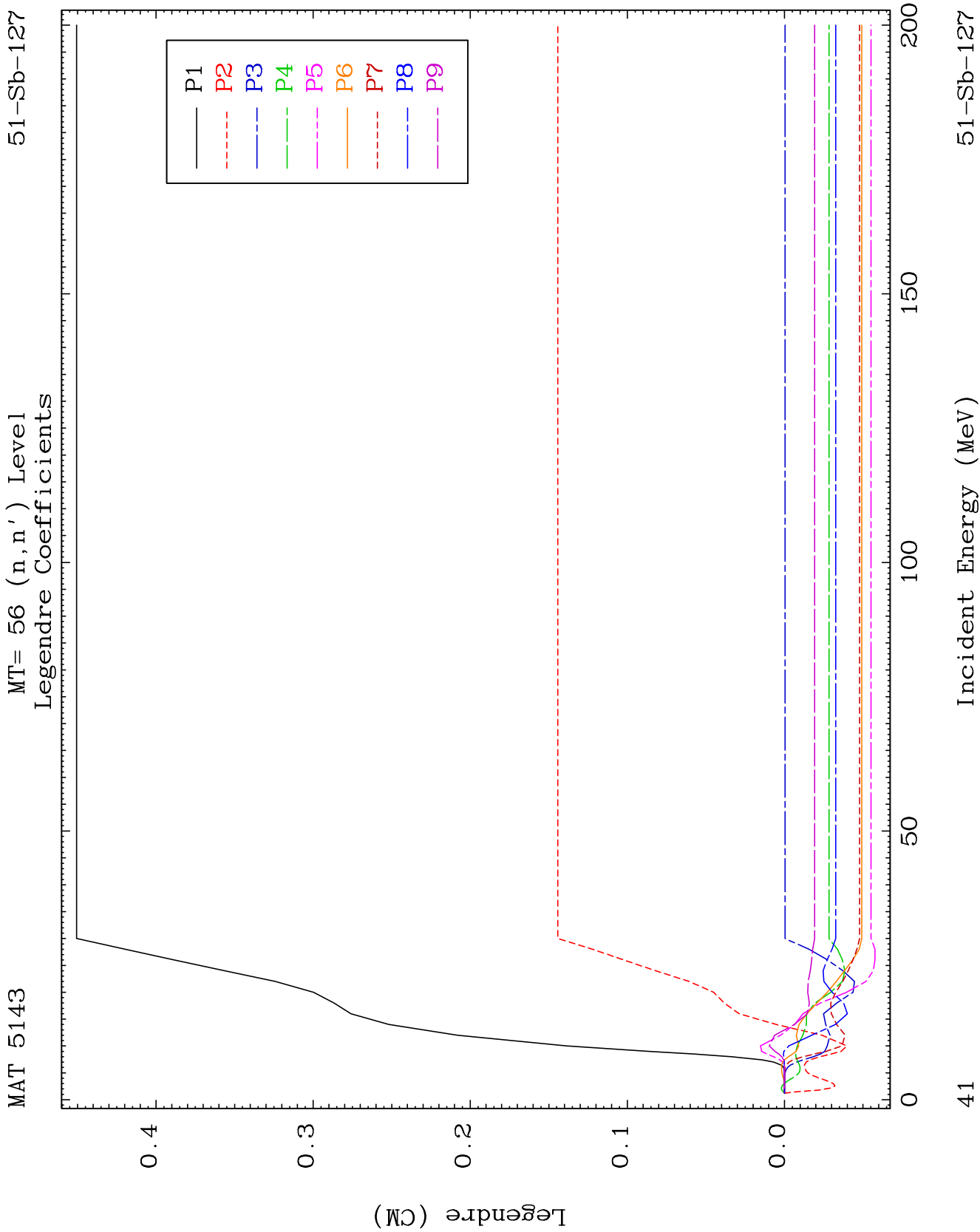
MAT 5143

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

51-Sb-127



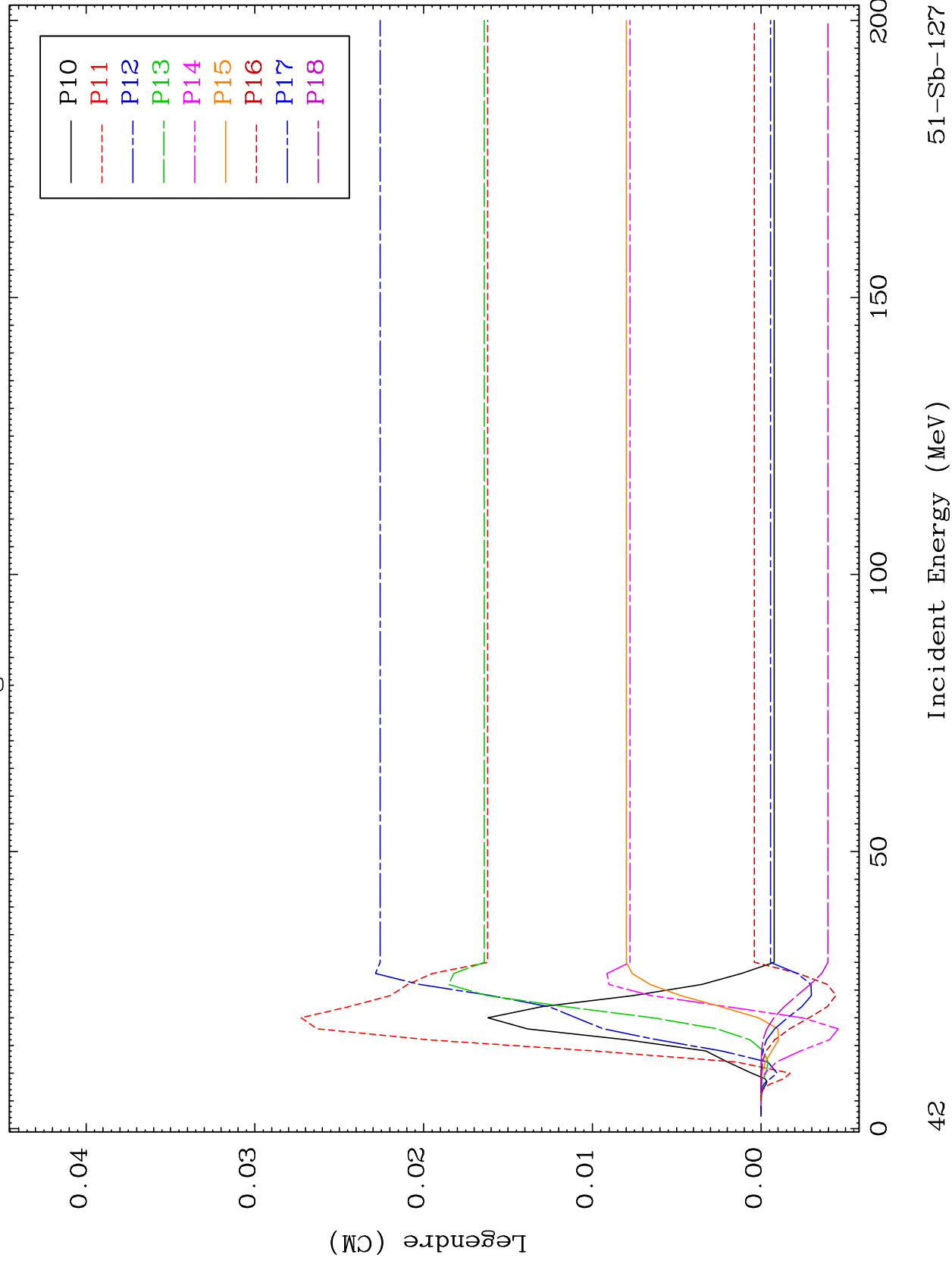


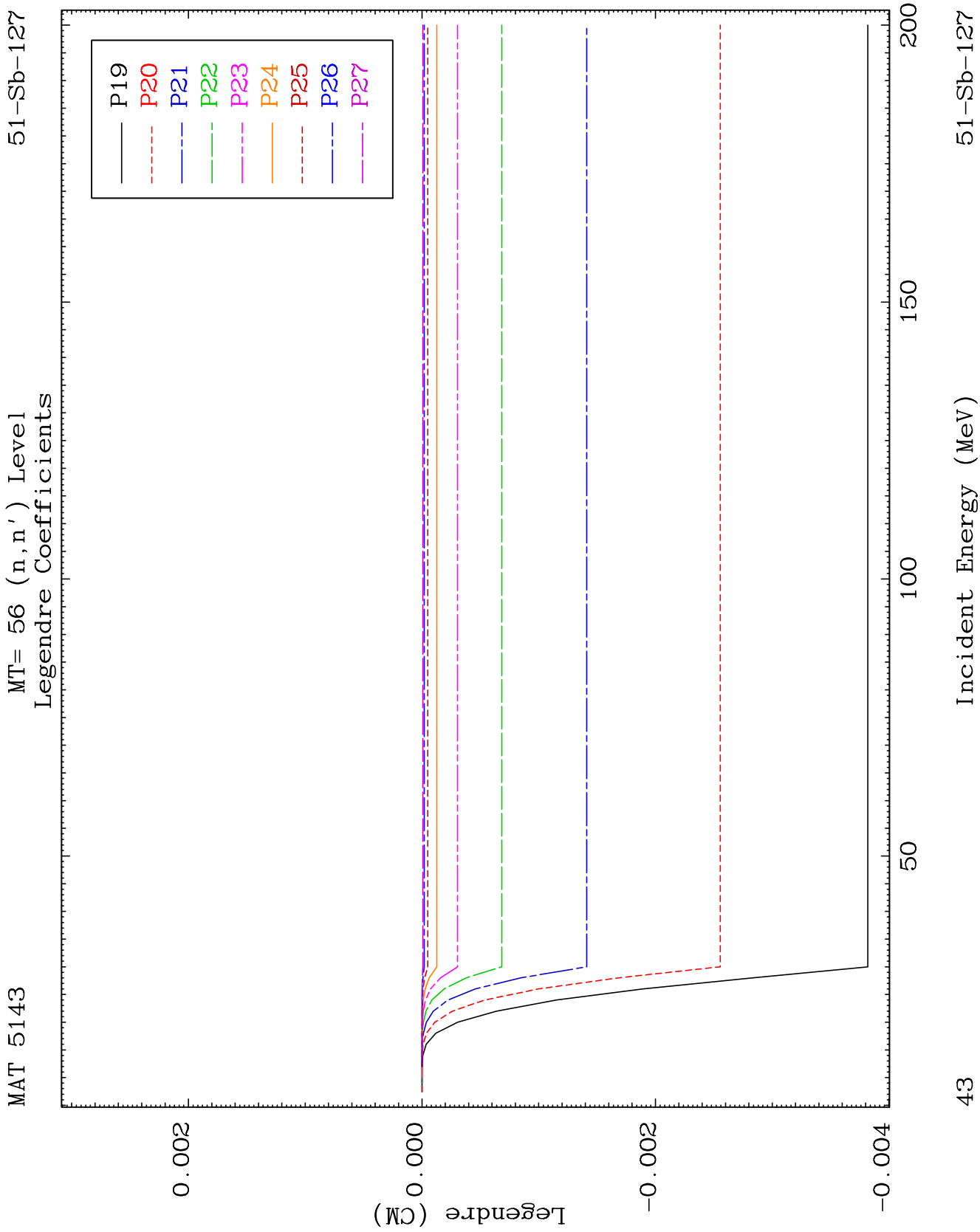


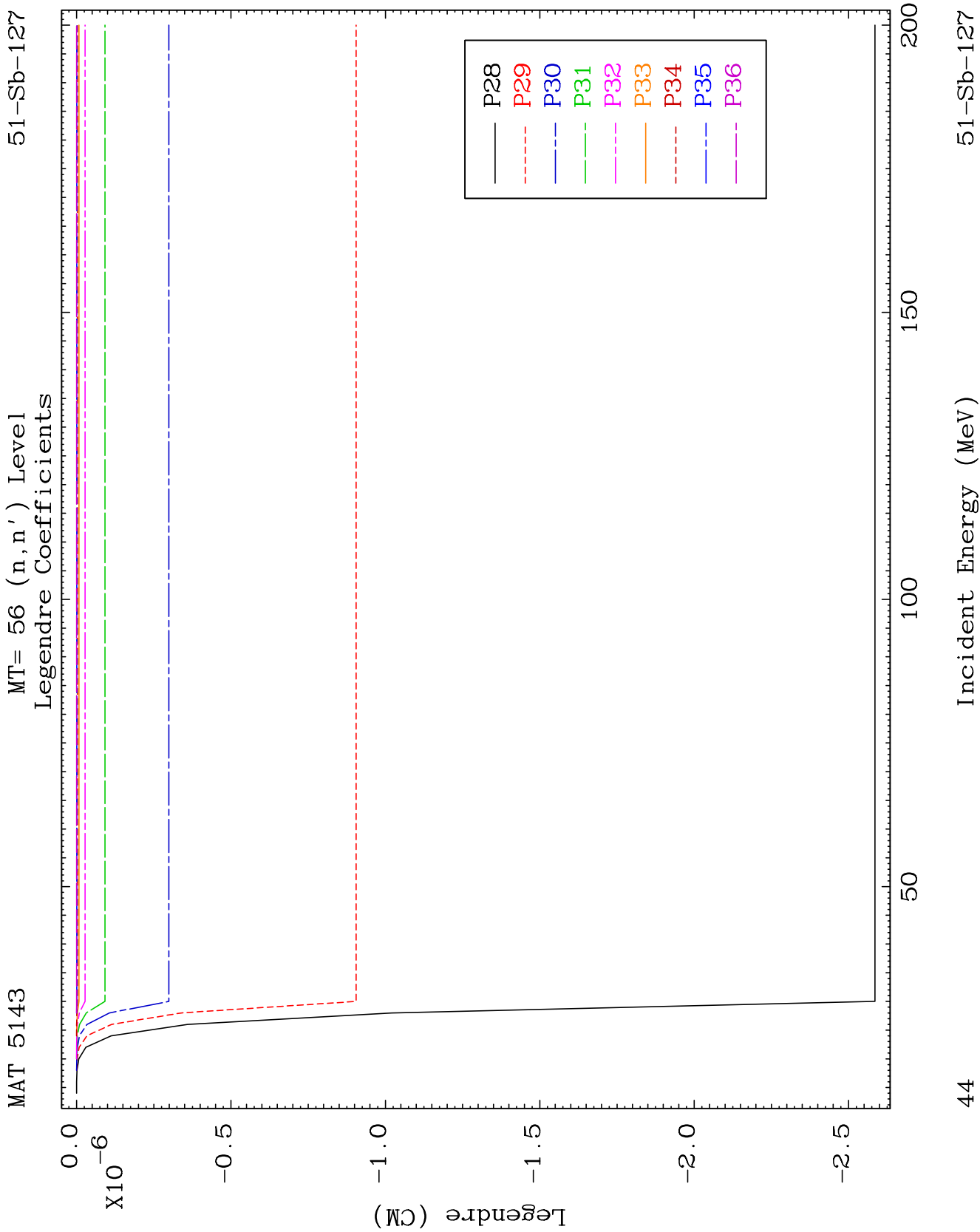
MAT 5143

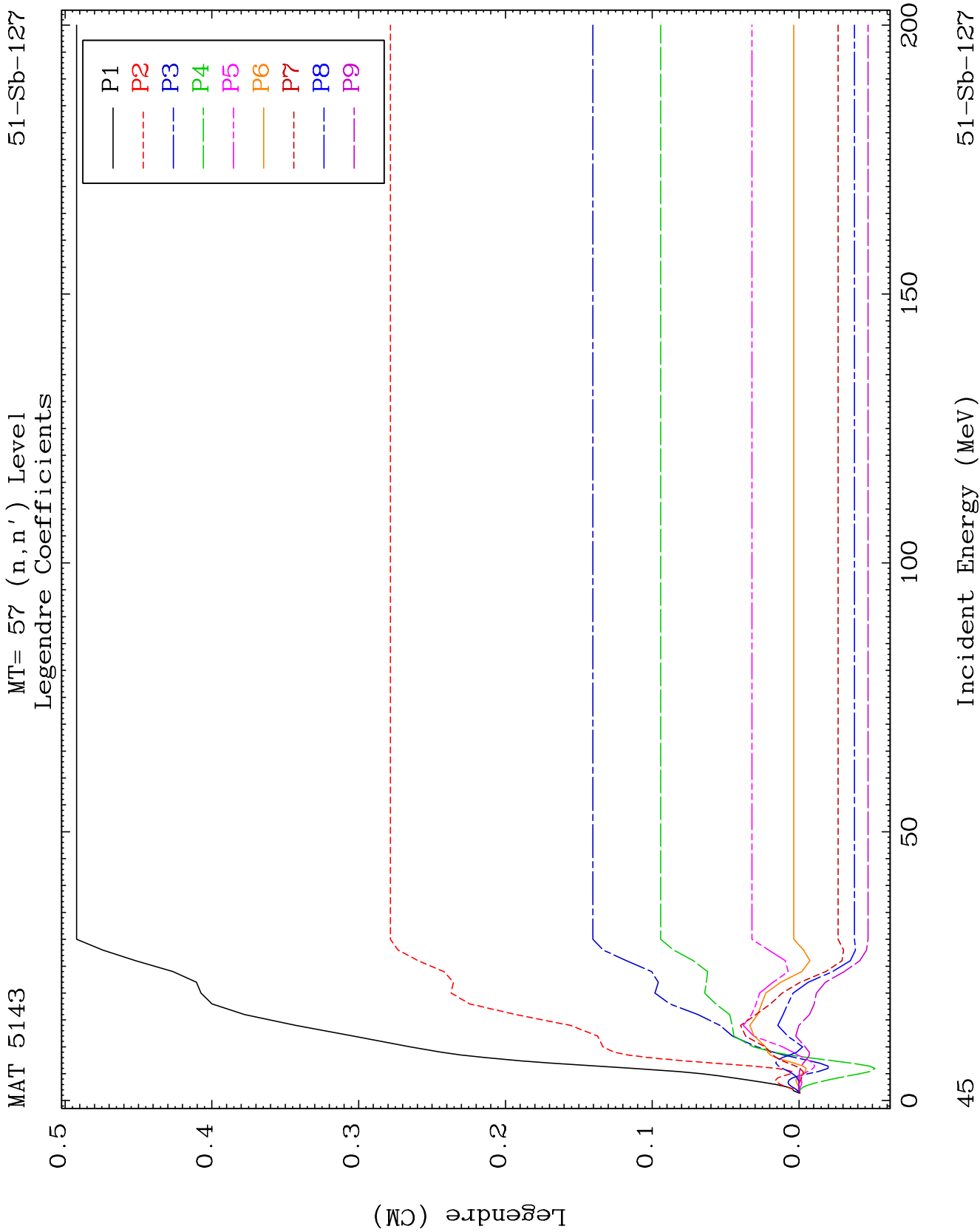
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Legendre Coefficients

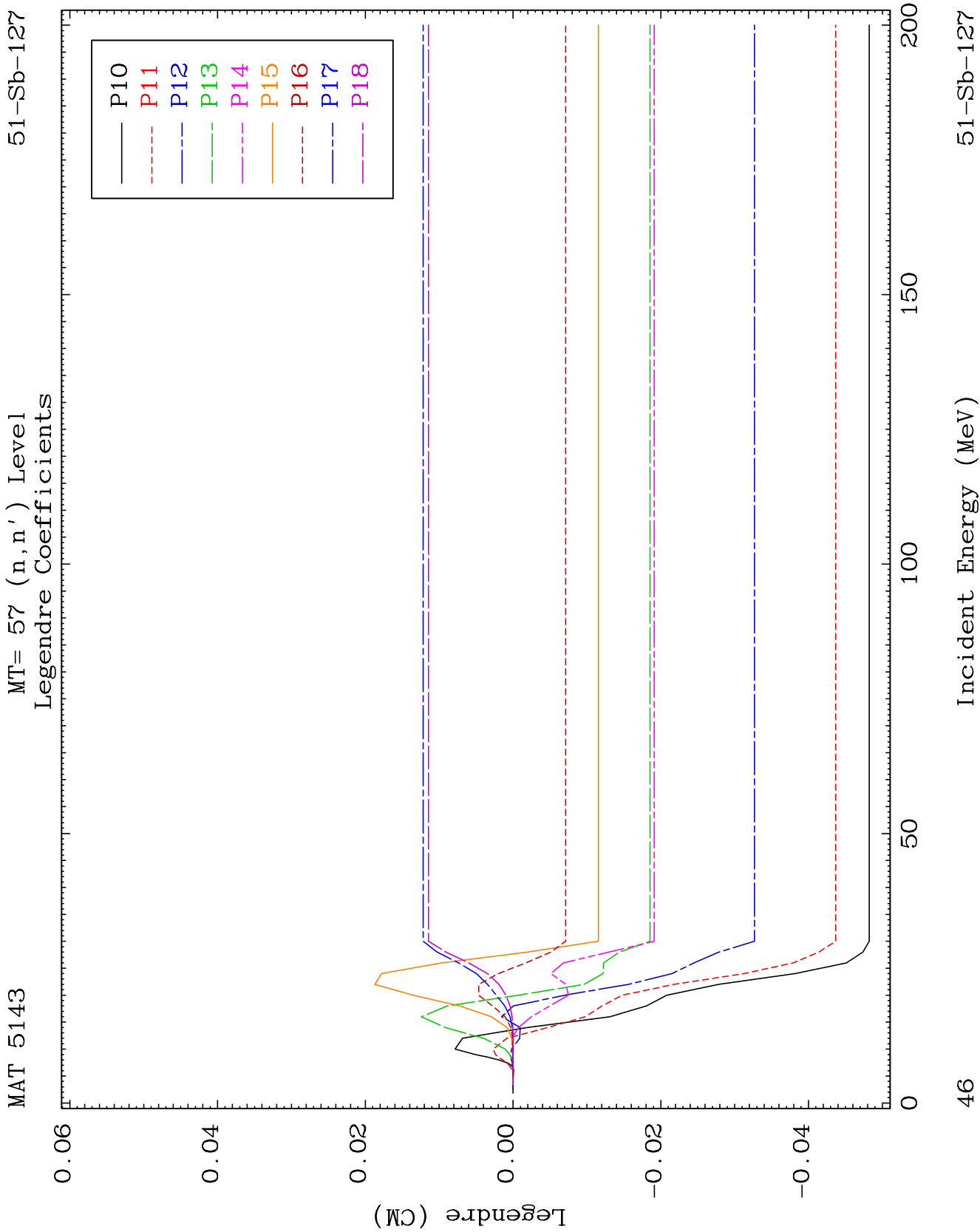
51-Sb-127

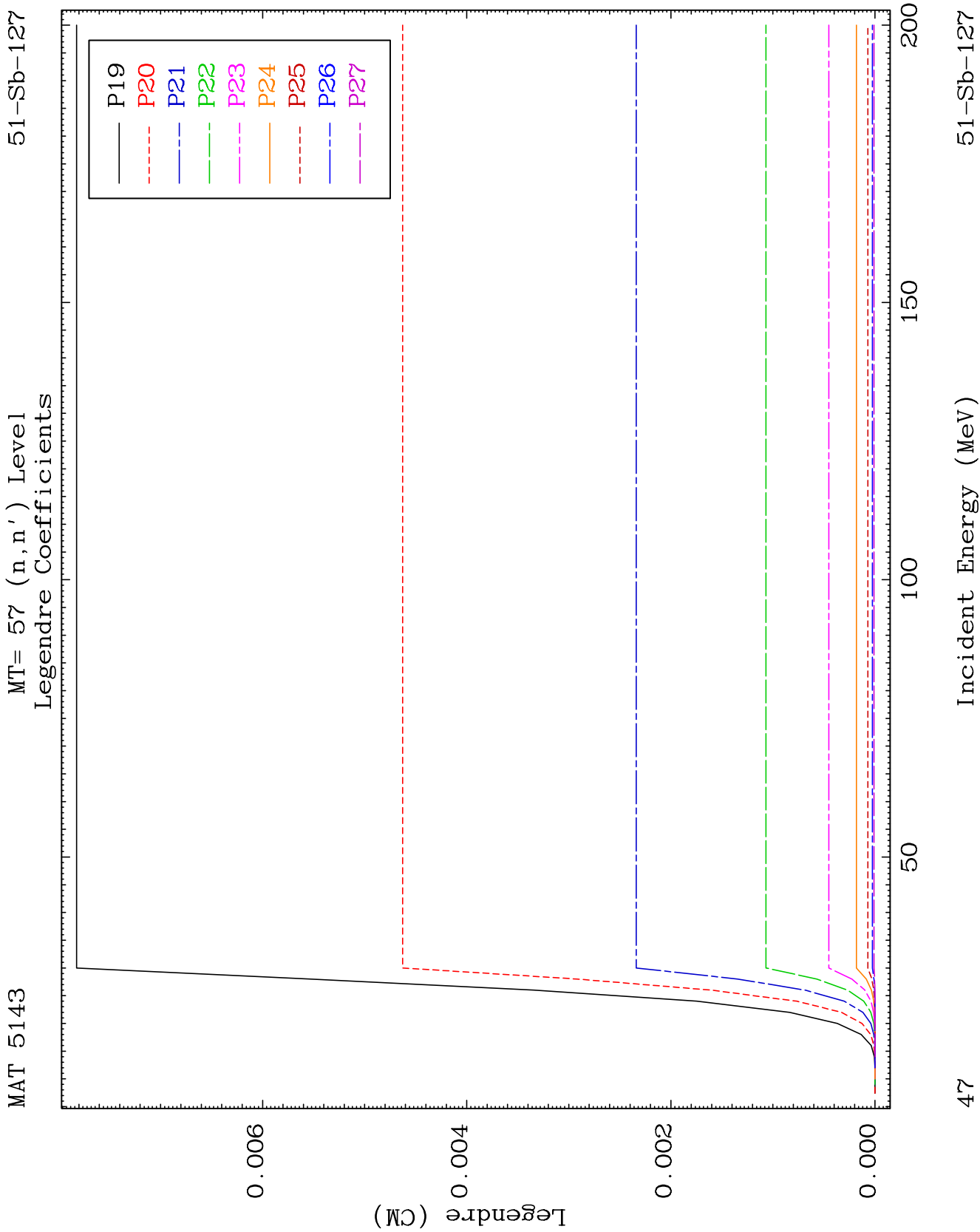


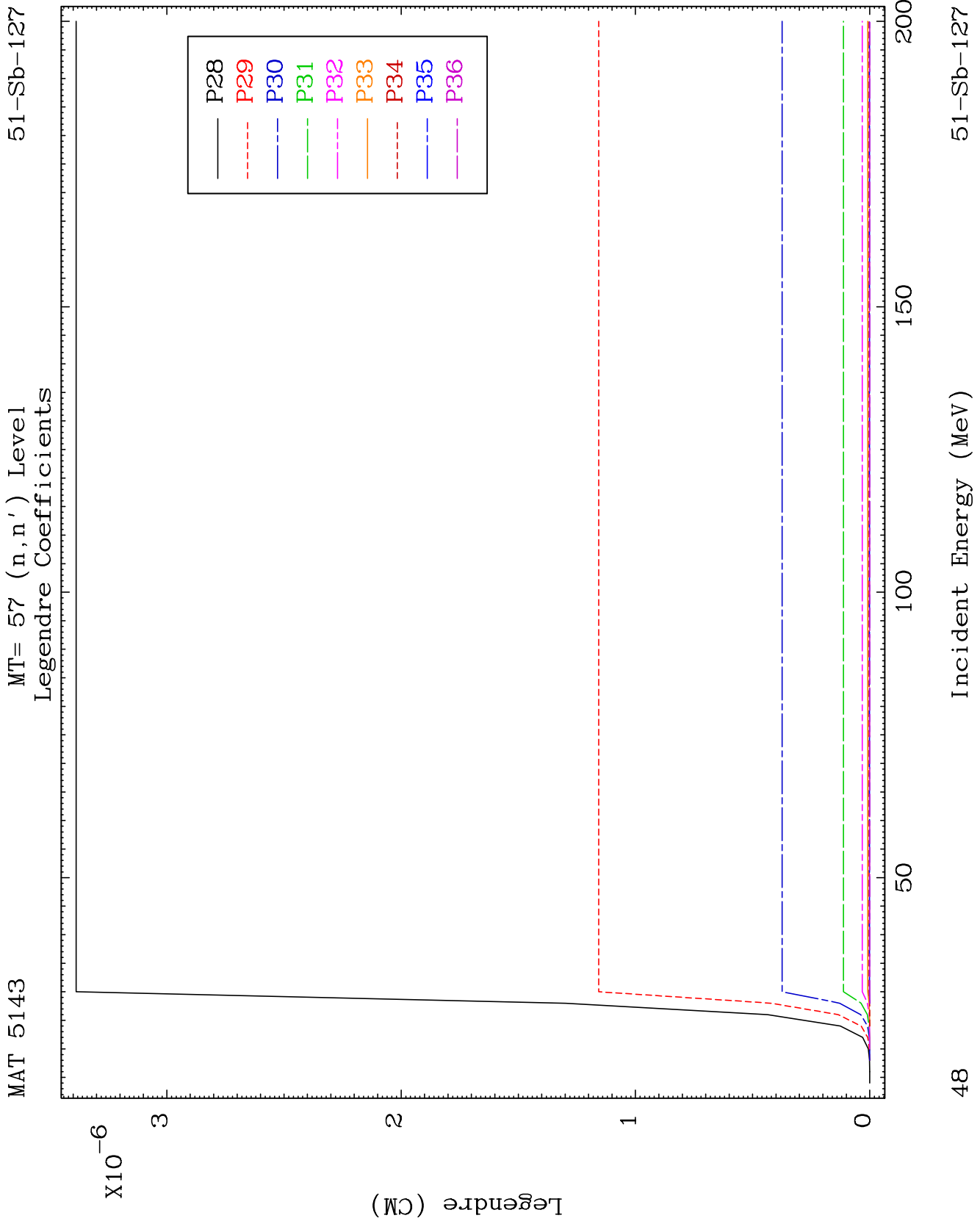


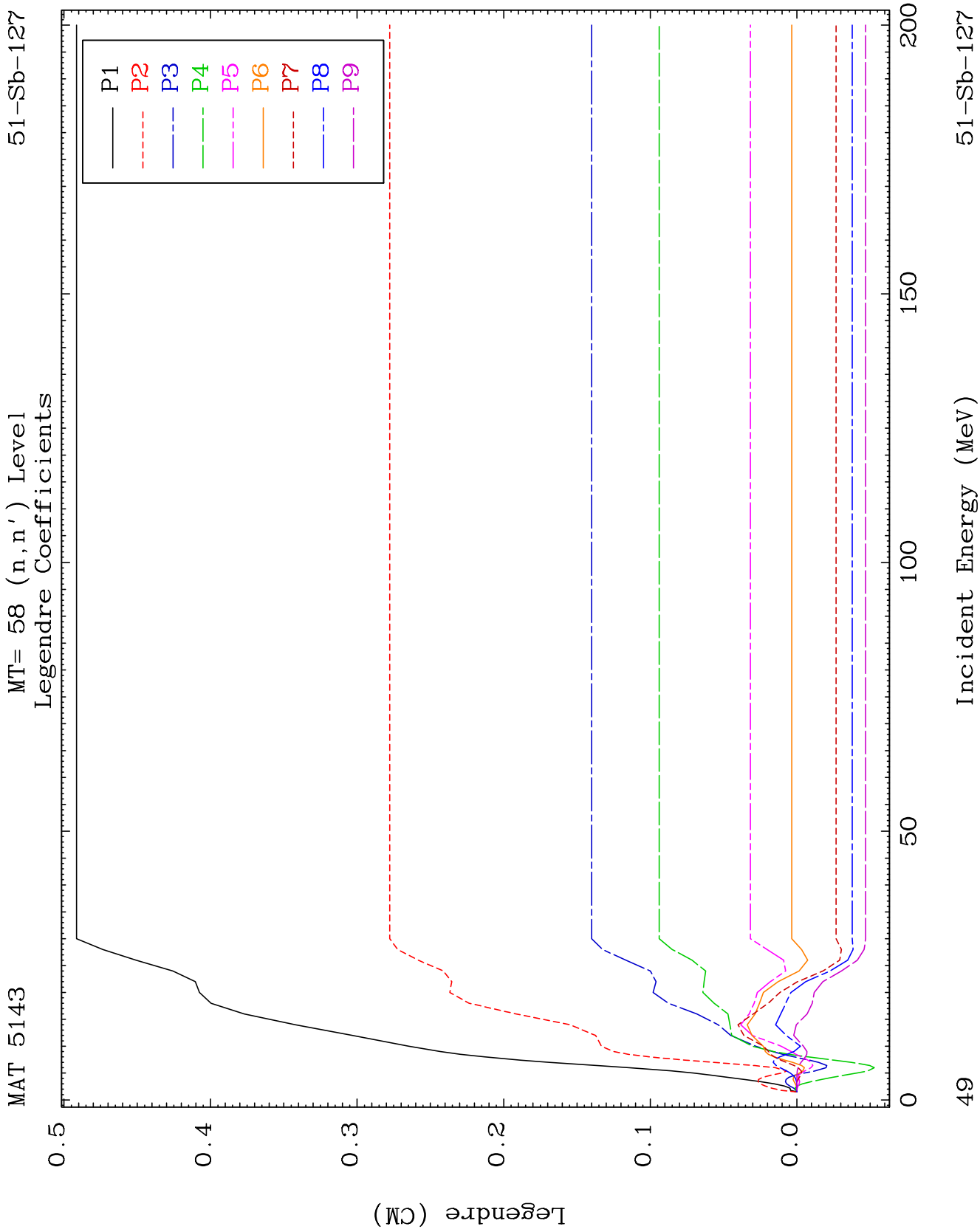


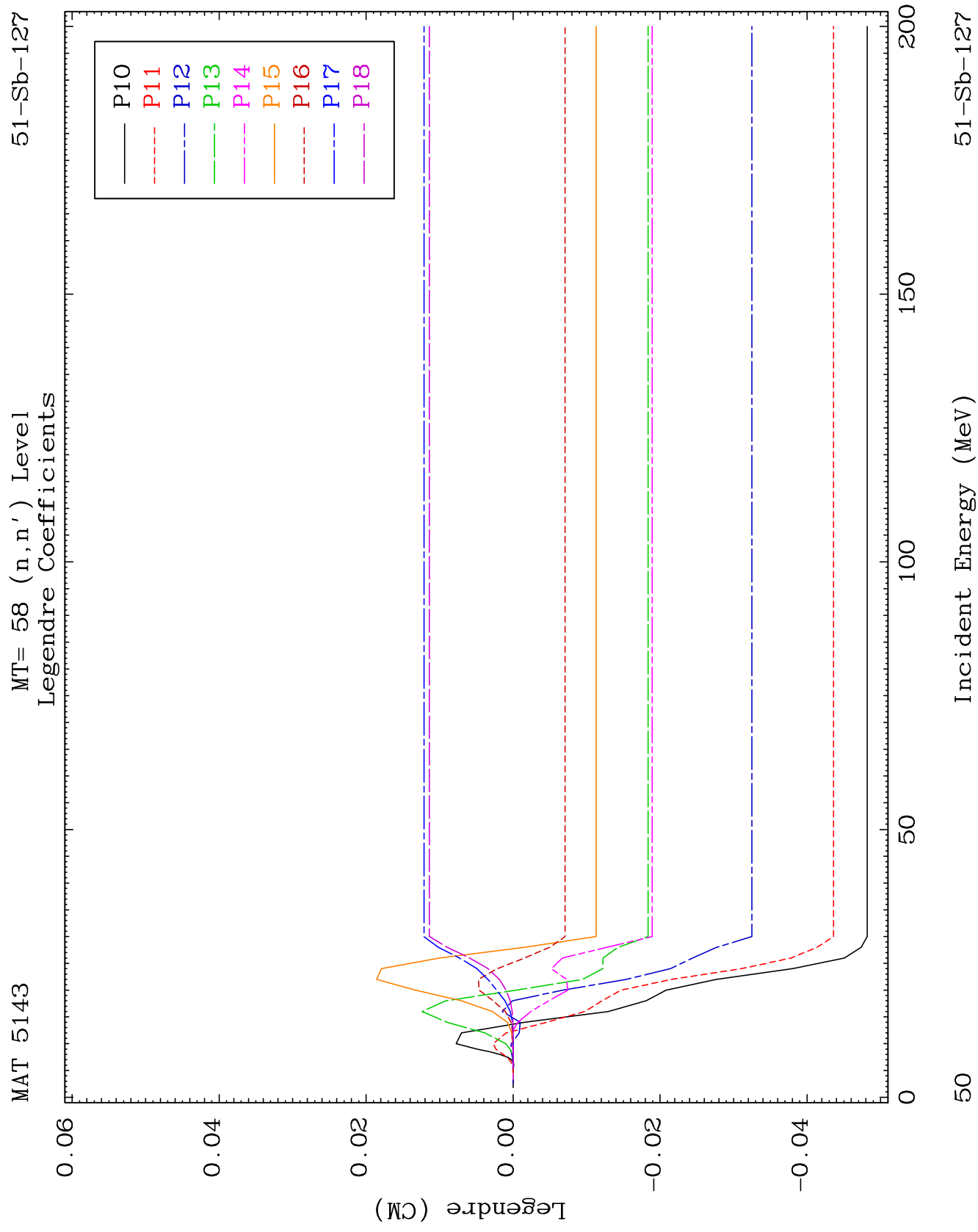


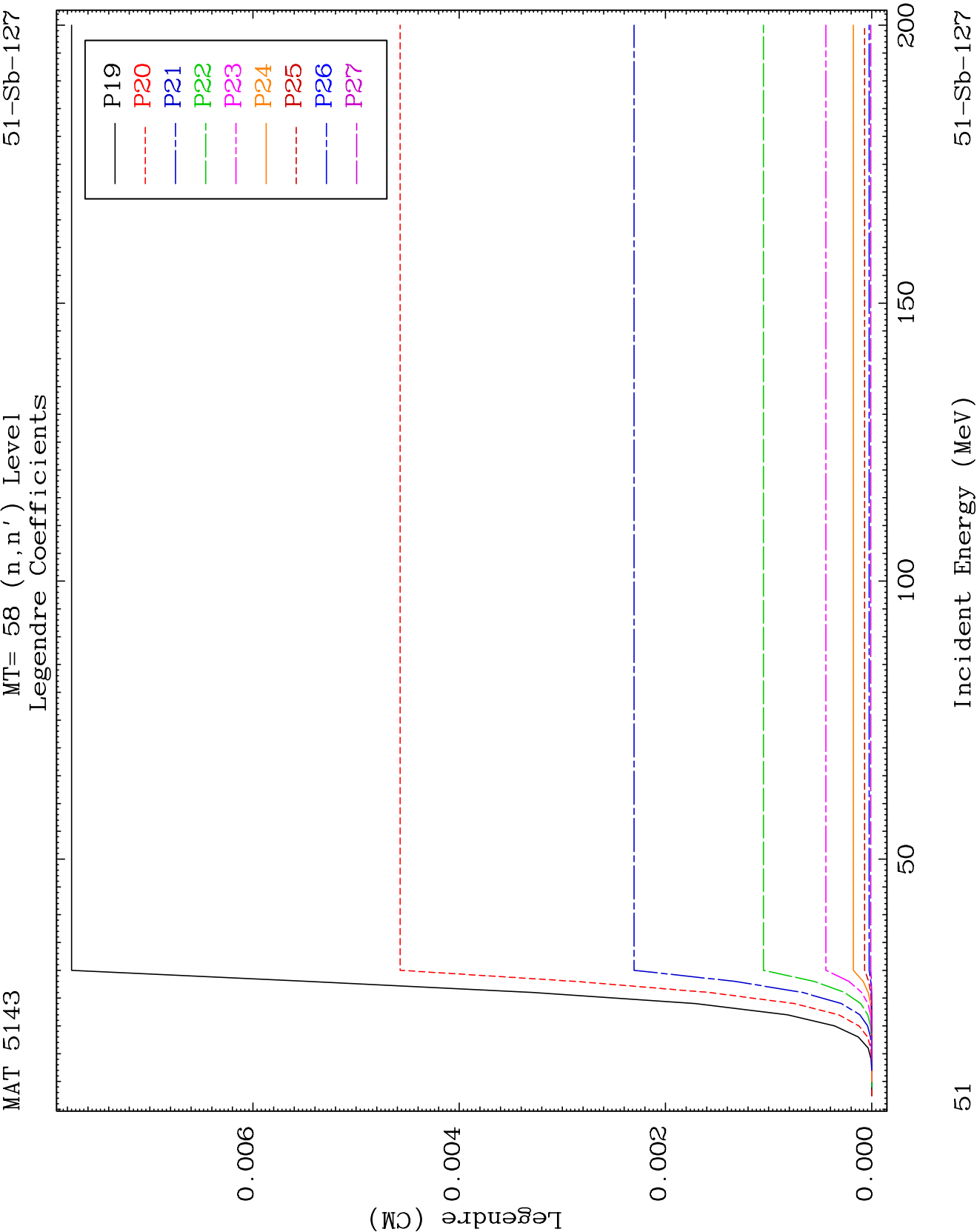


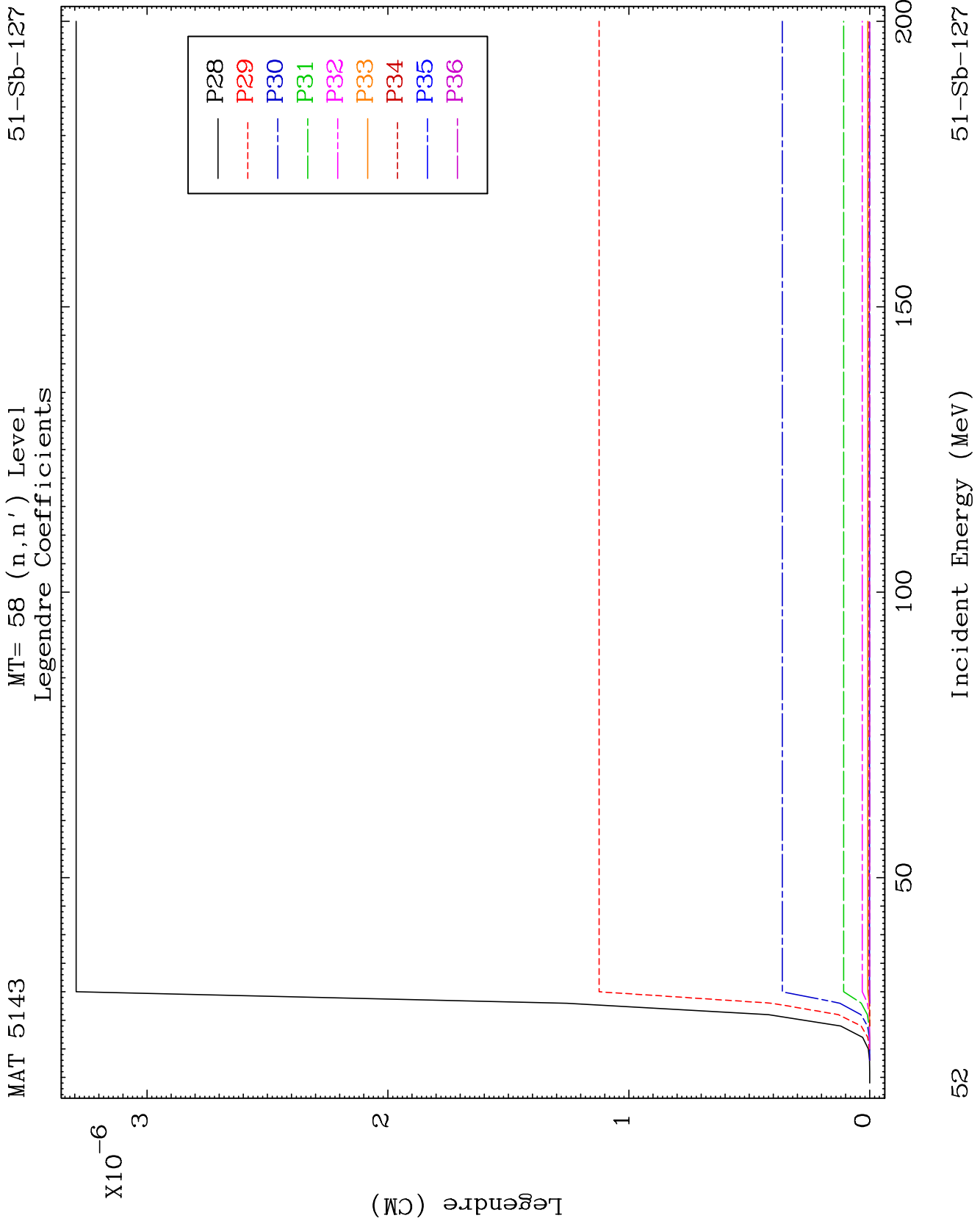


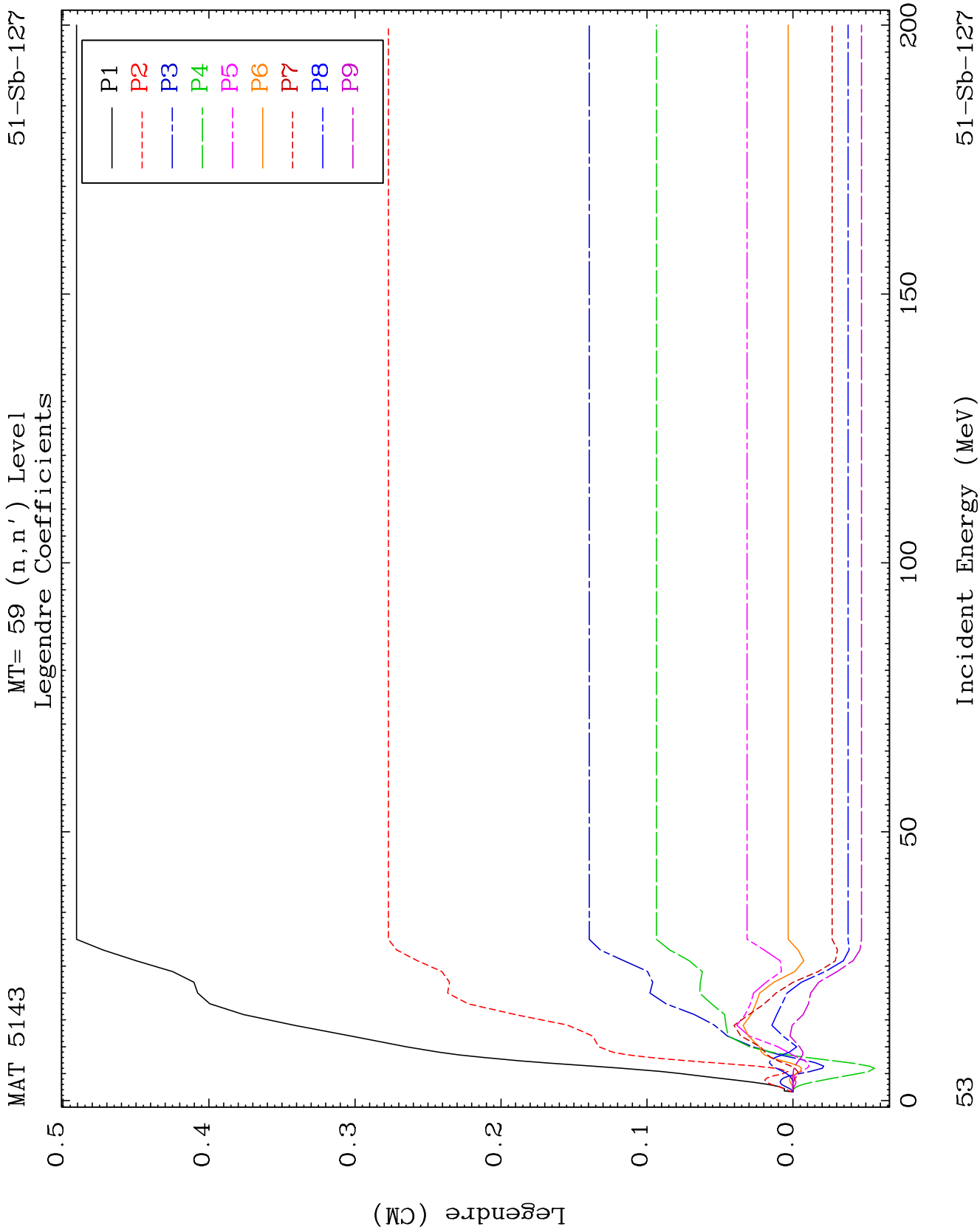


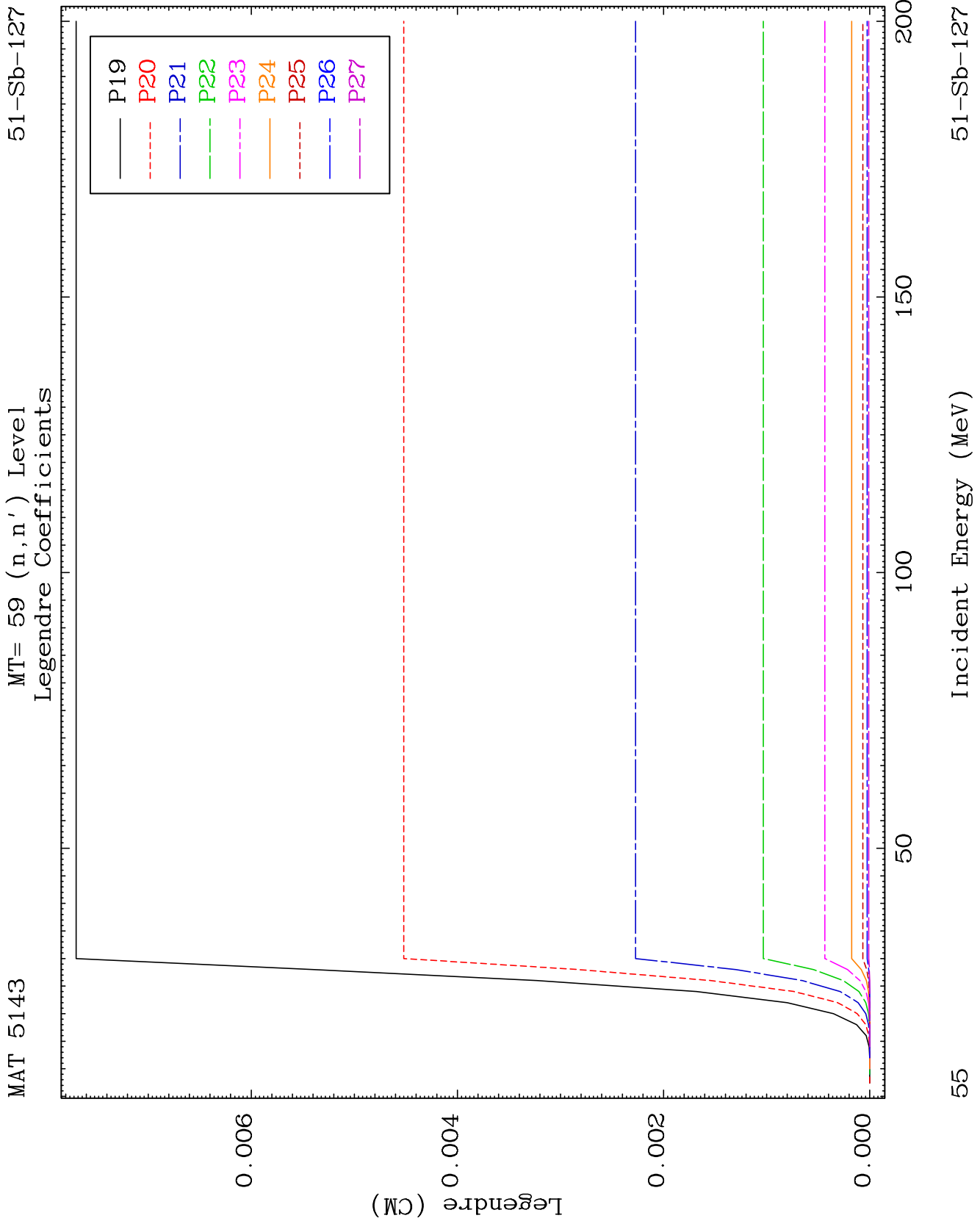


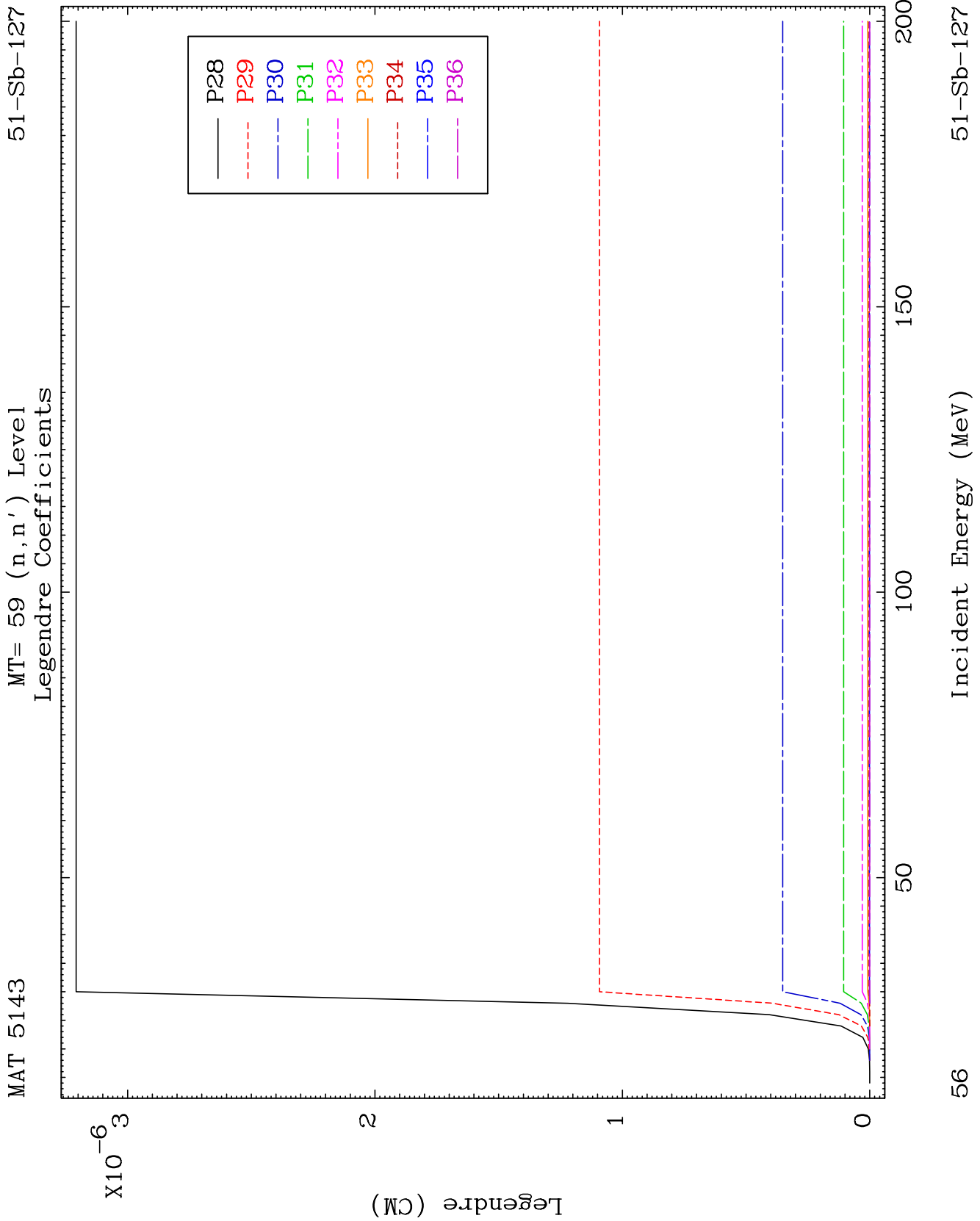


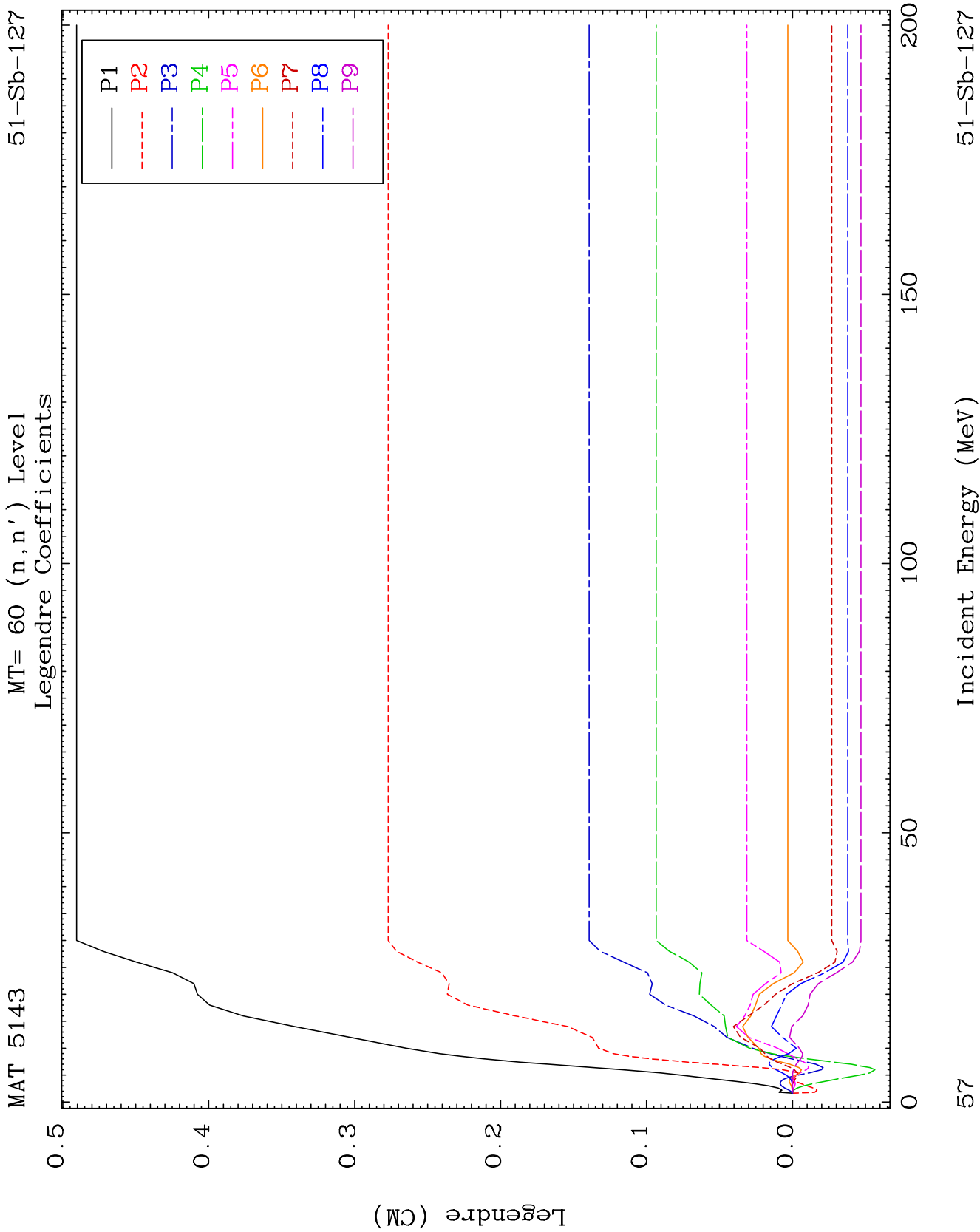


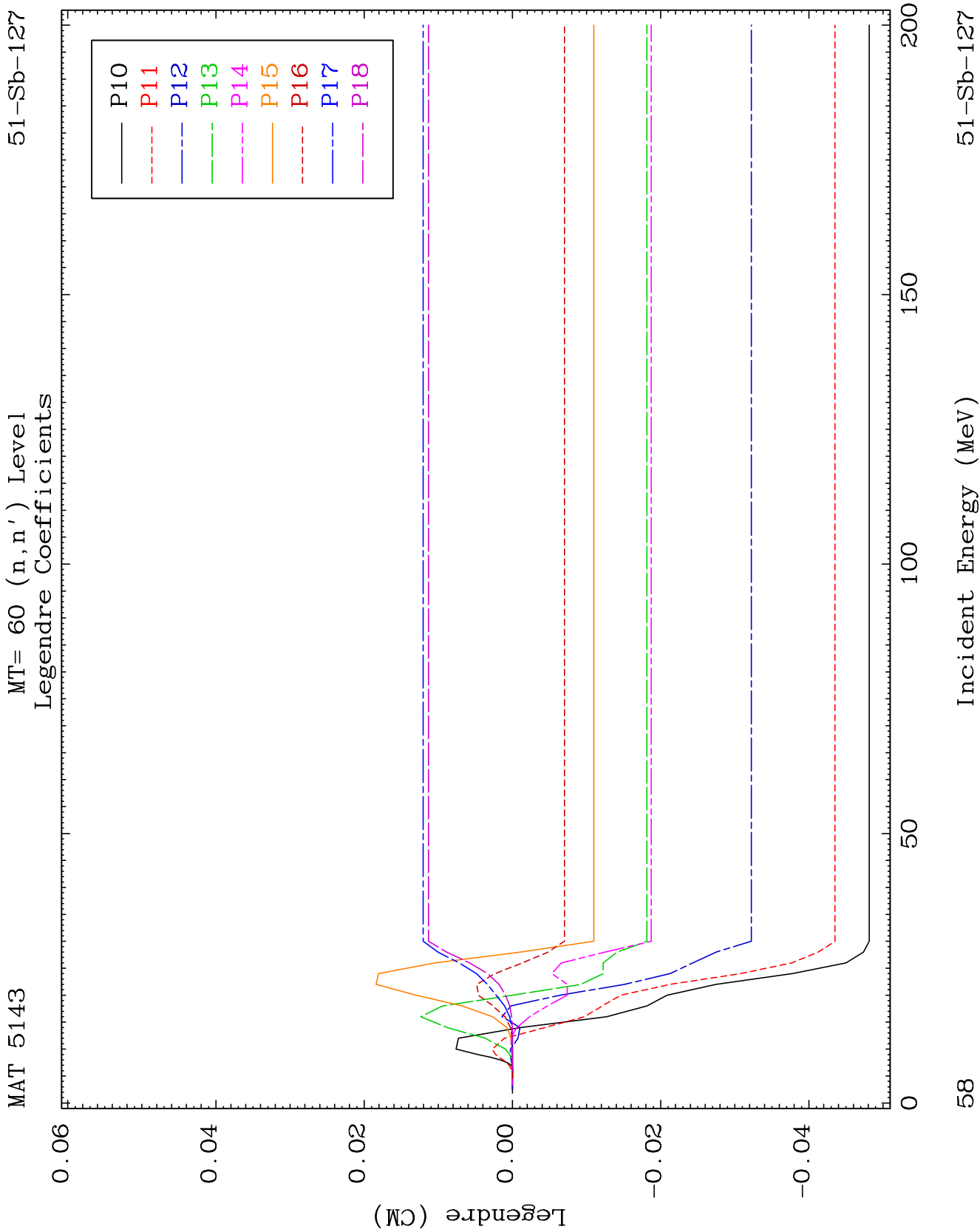








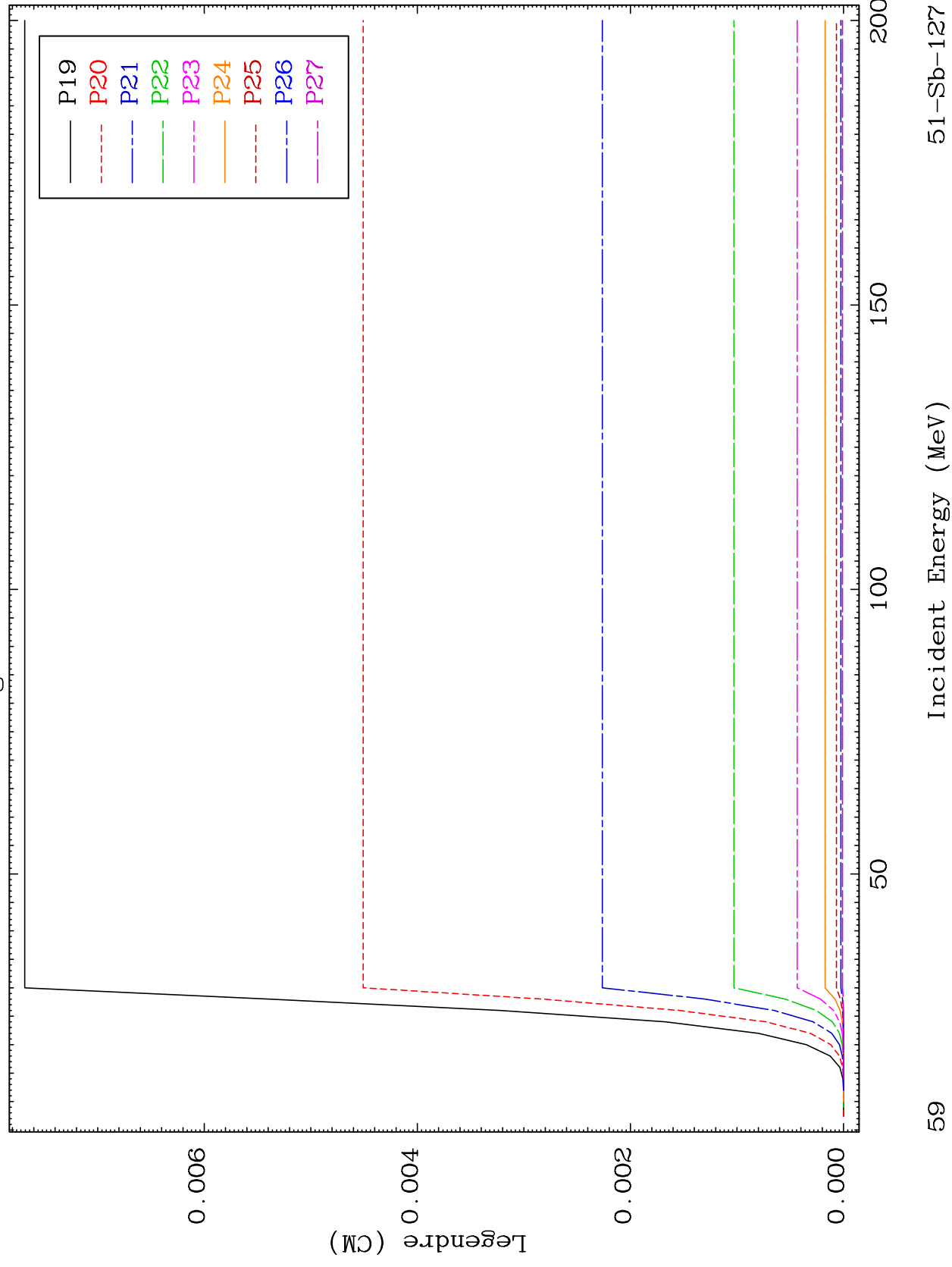




MAT 5143

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

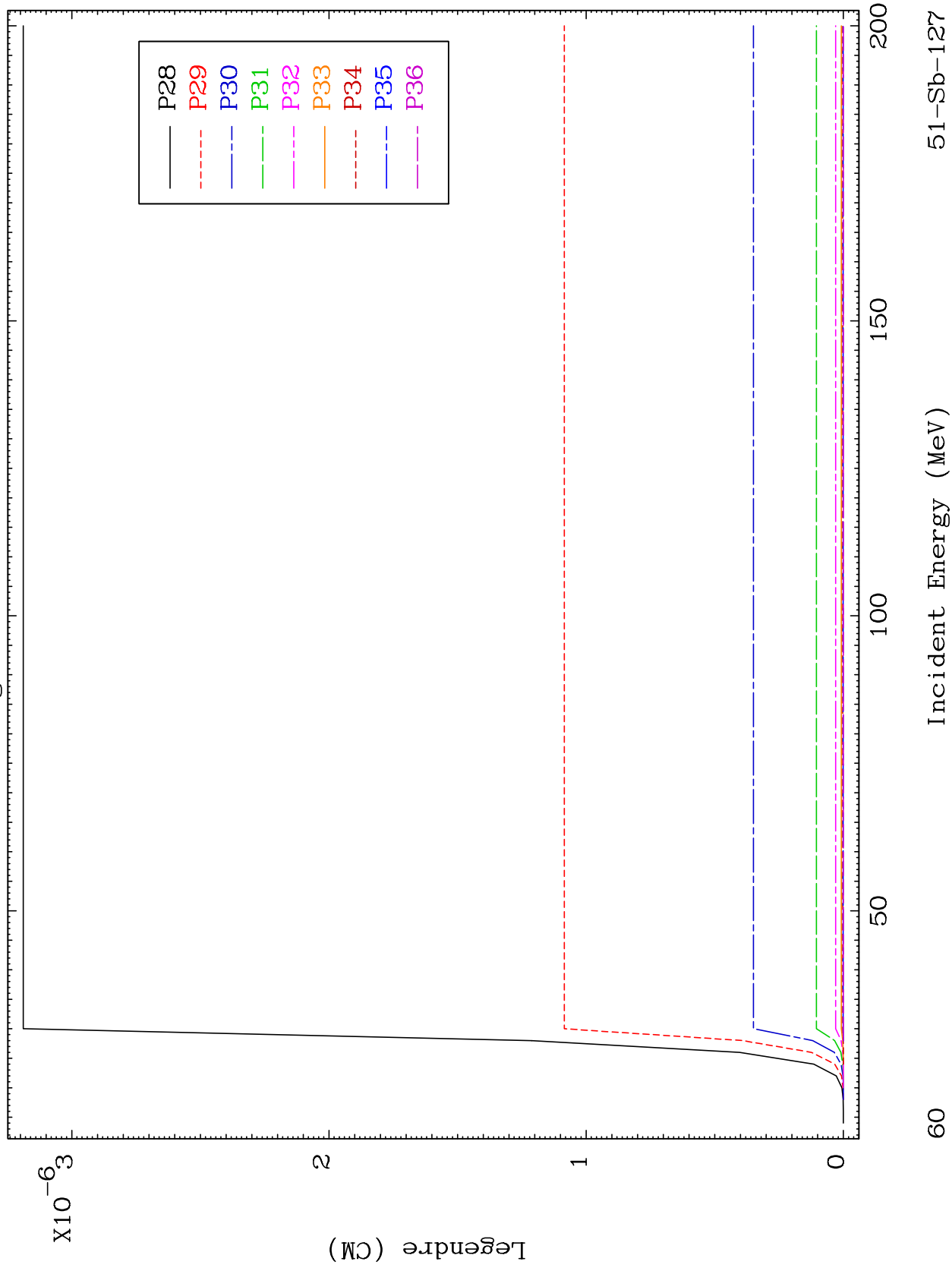
51-Sb-127

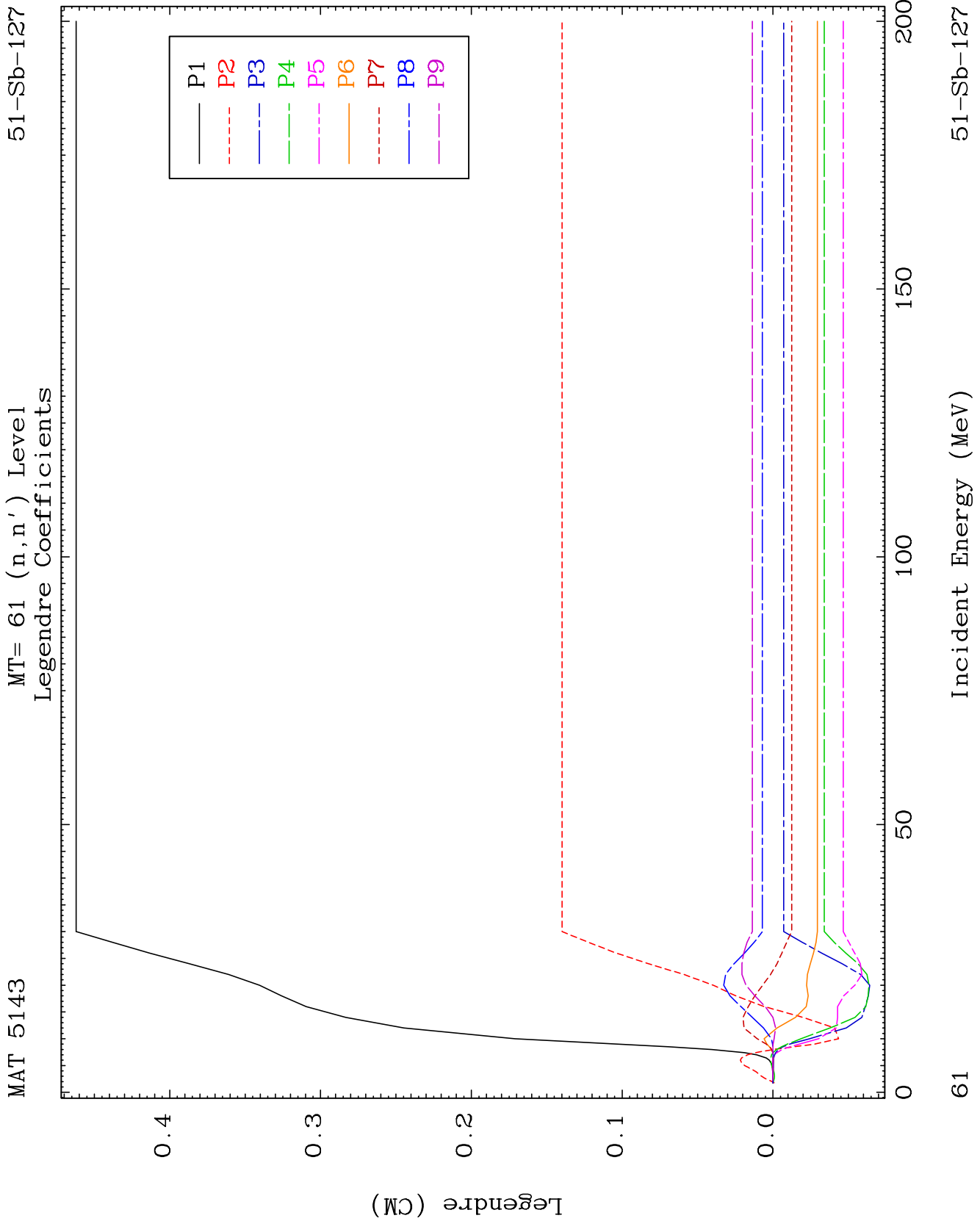


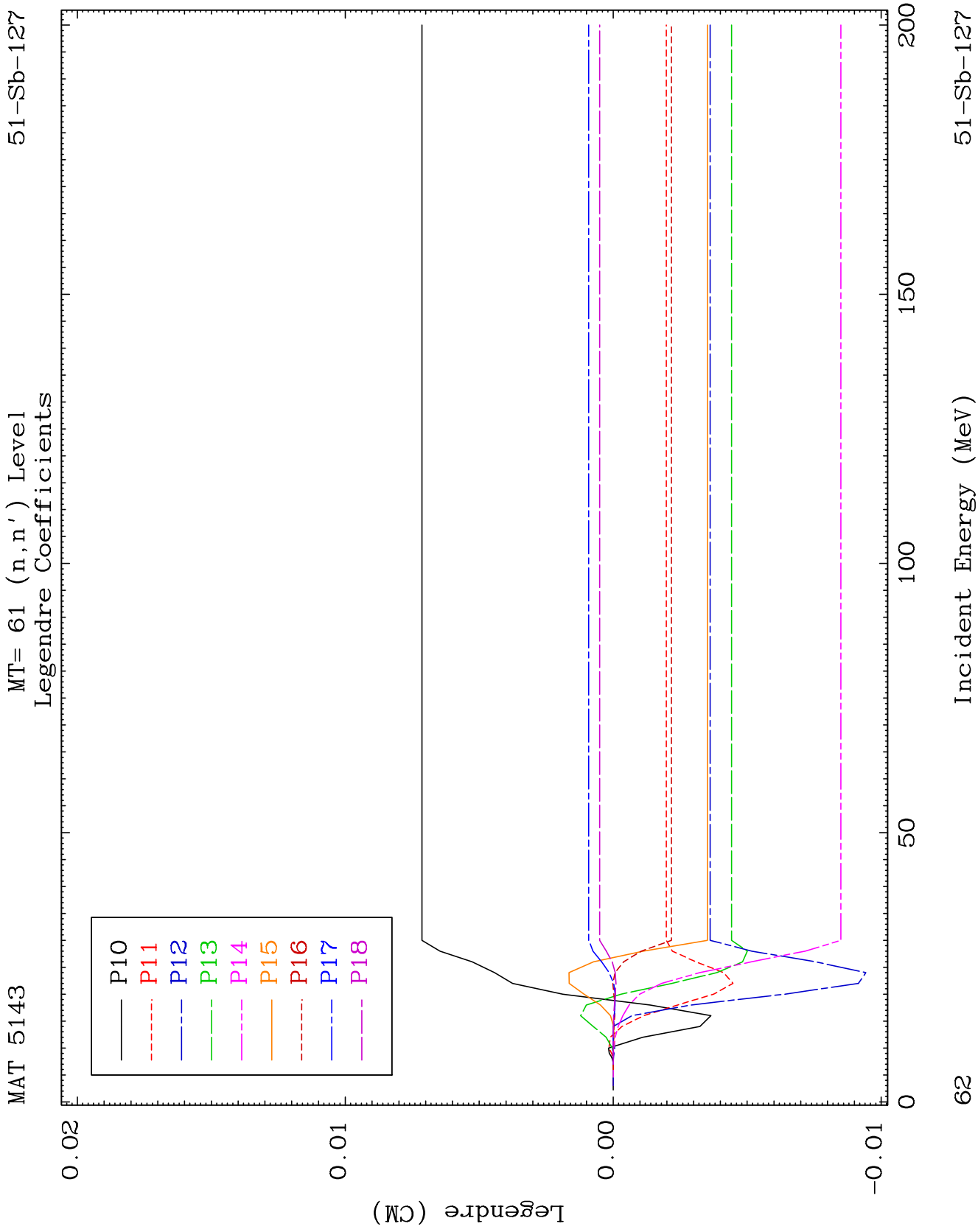
MAT 5143

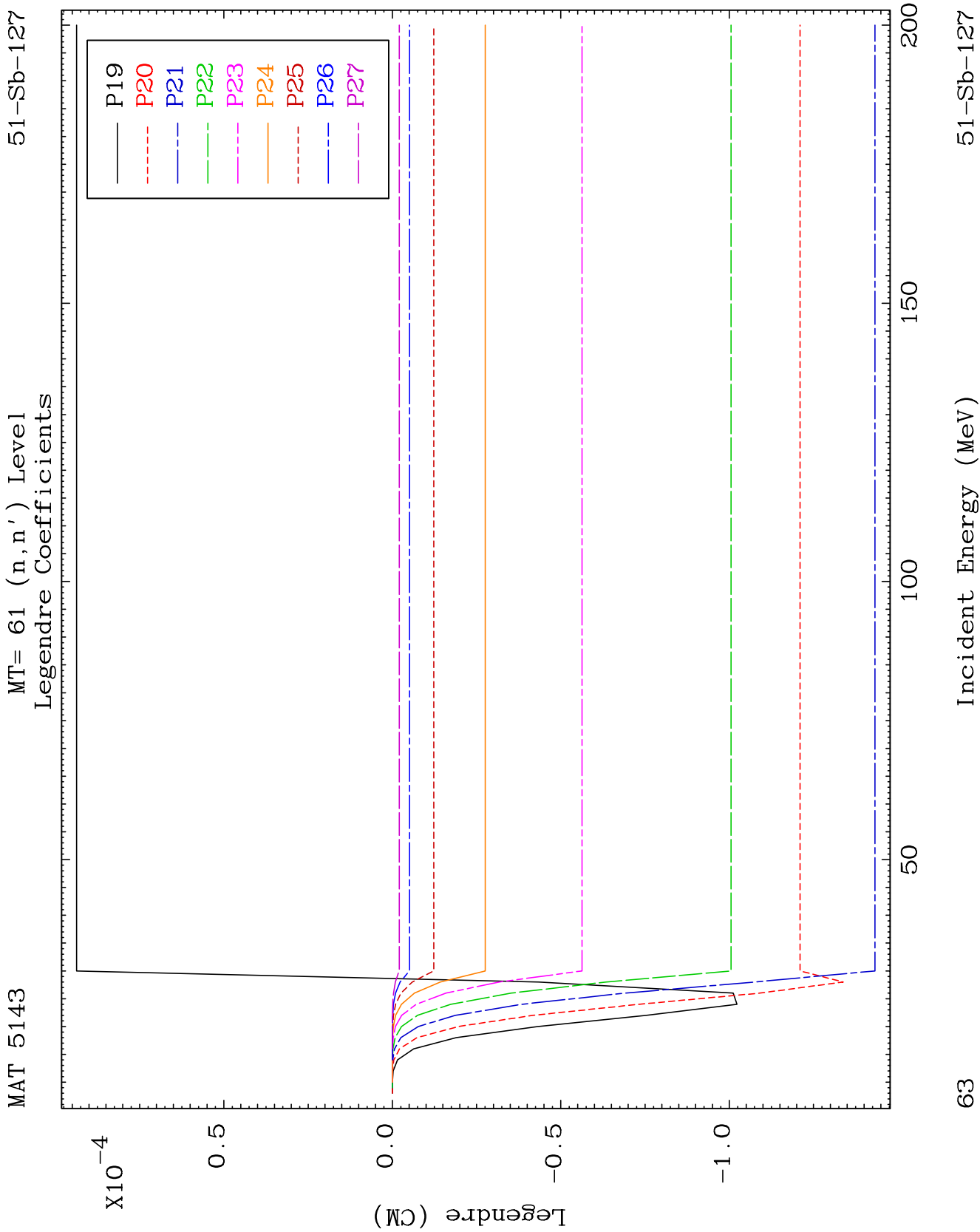
MT= 60 (n, n') Level
Legendre Coefficients

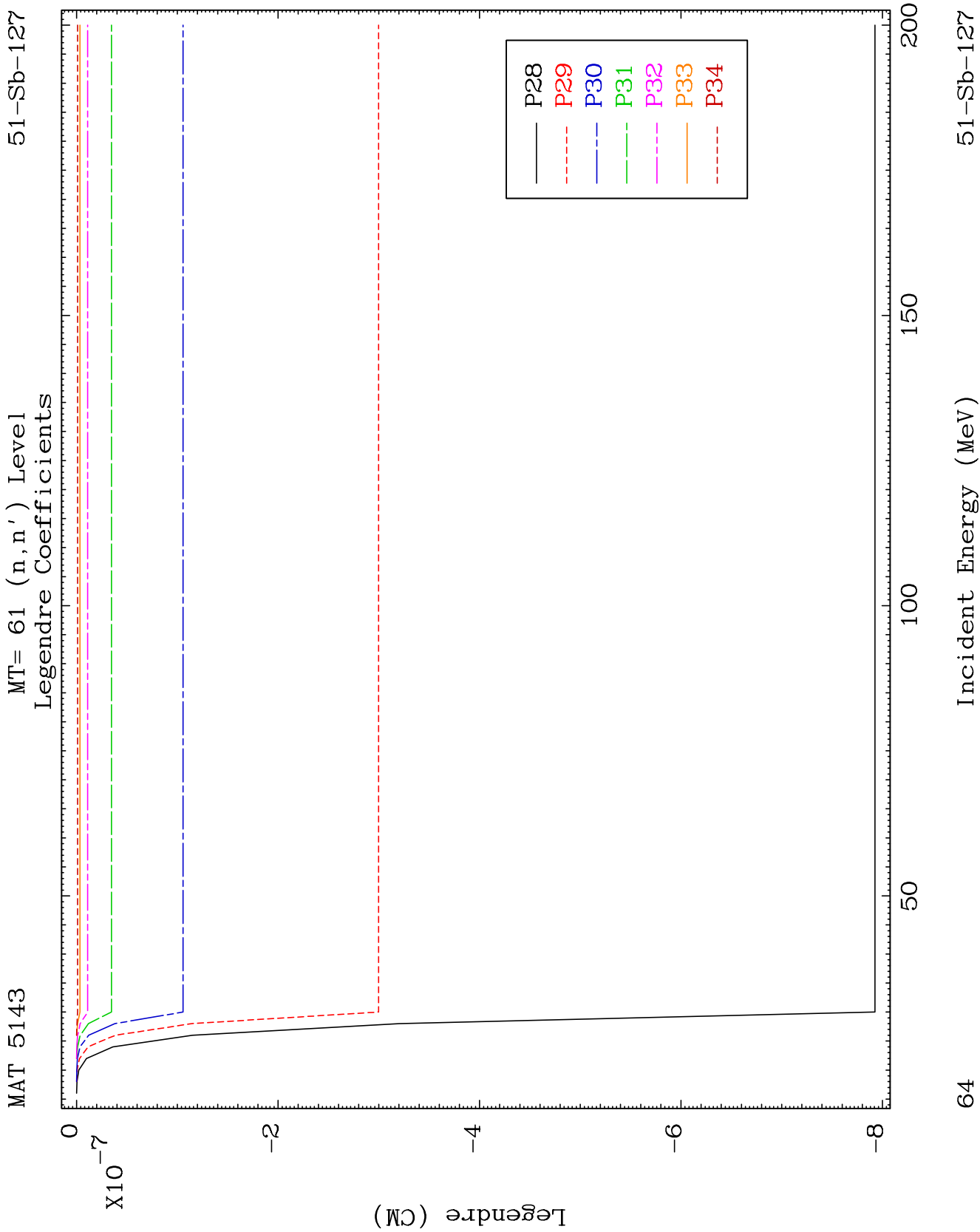
51-Sb-127







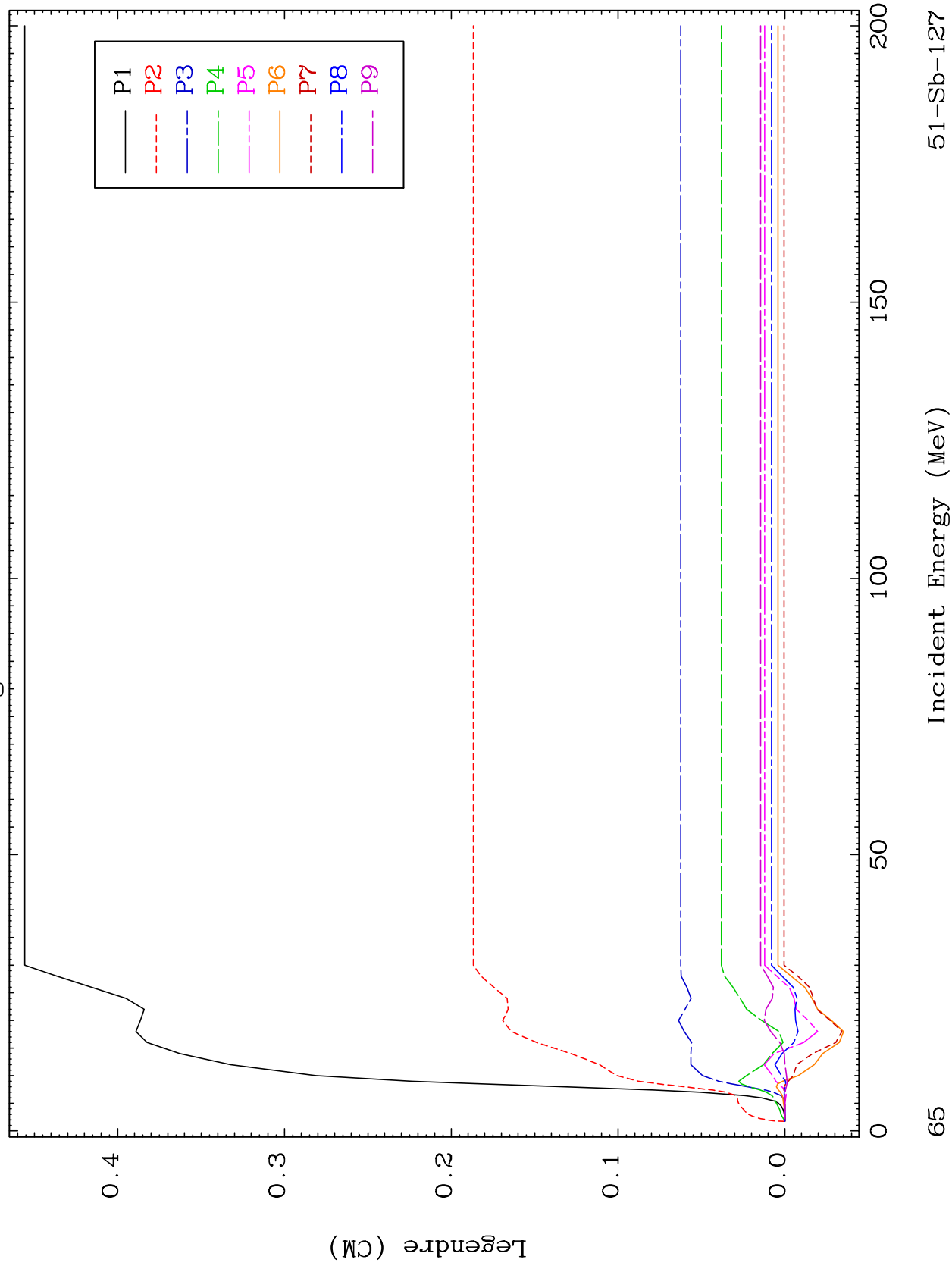




MAT 5143

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

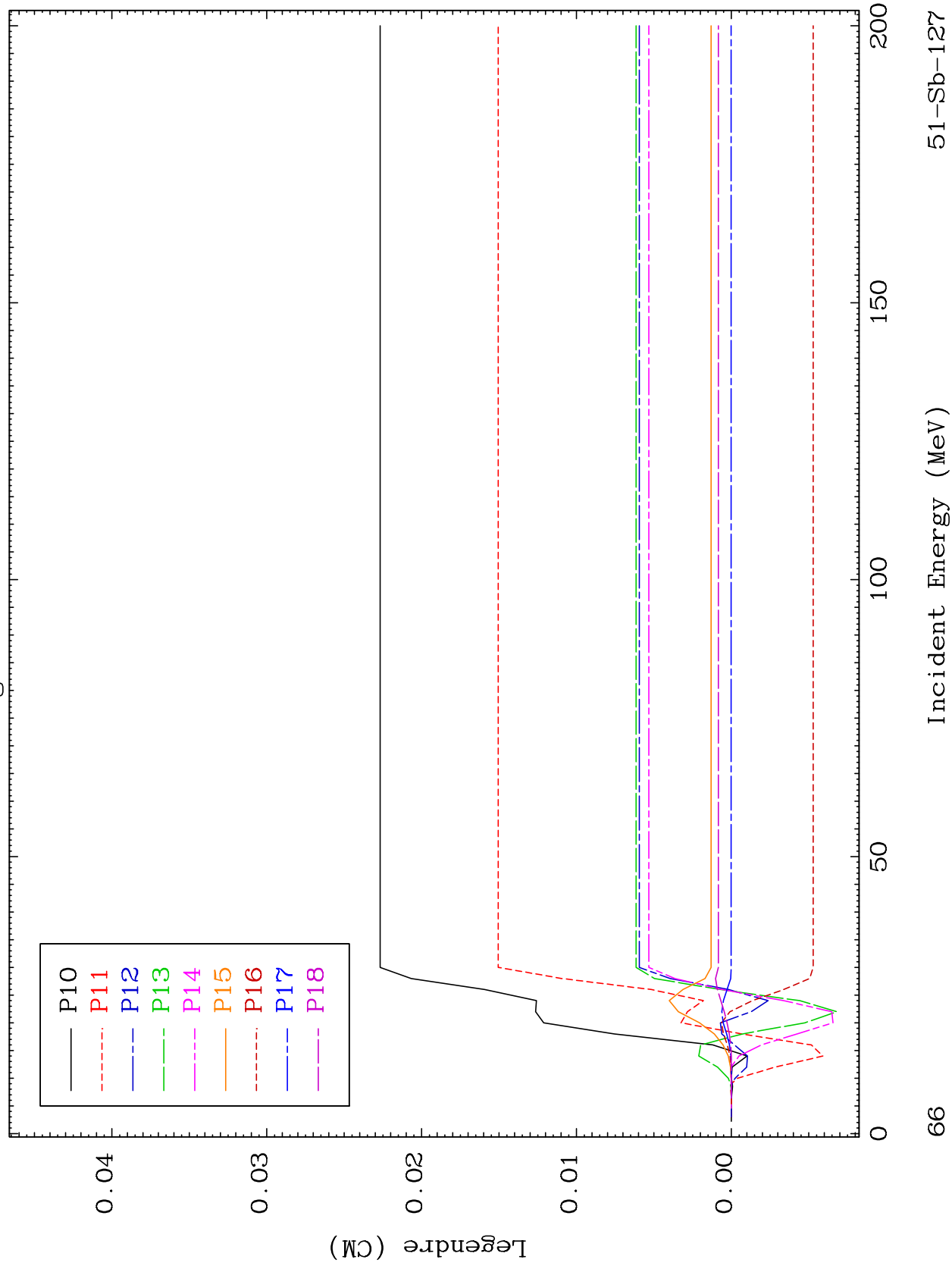
51-Sb-127

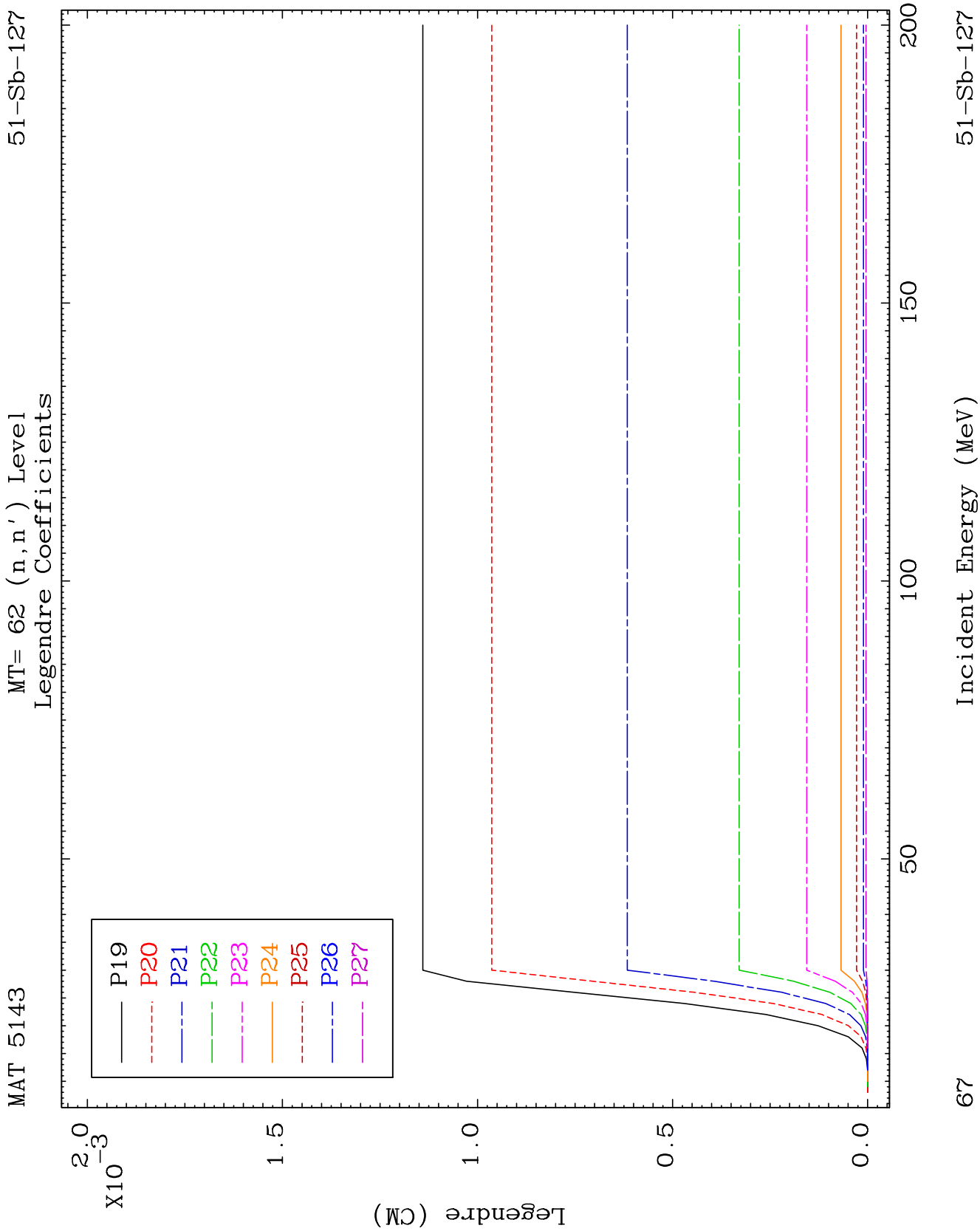


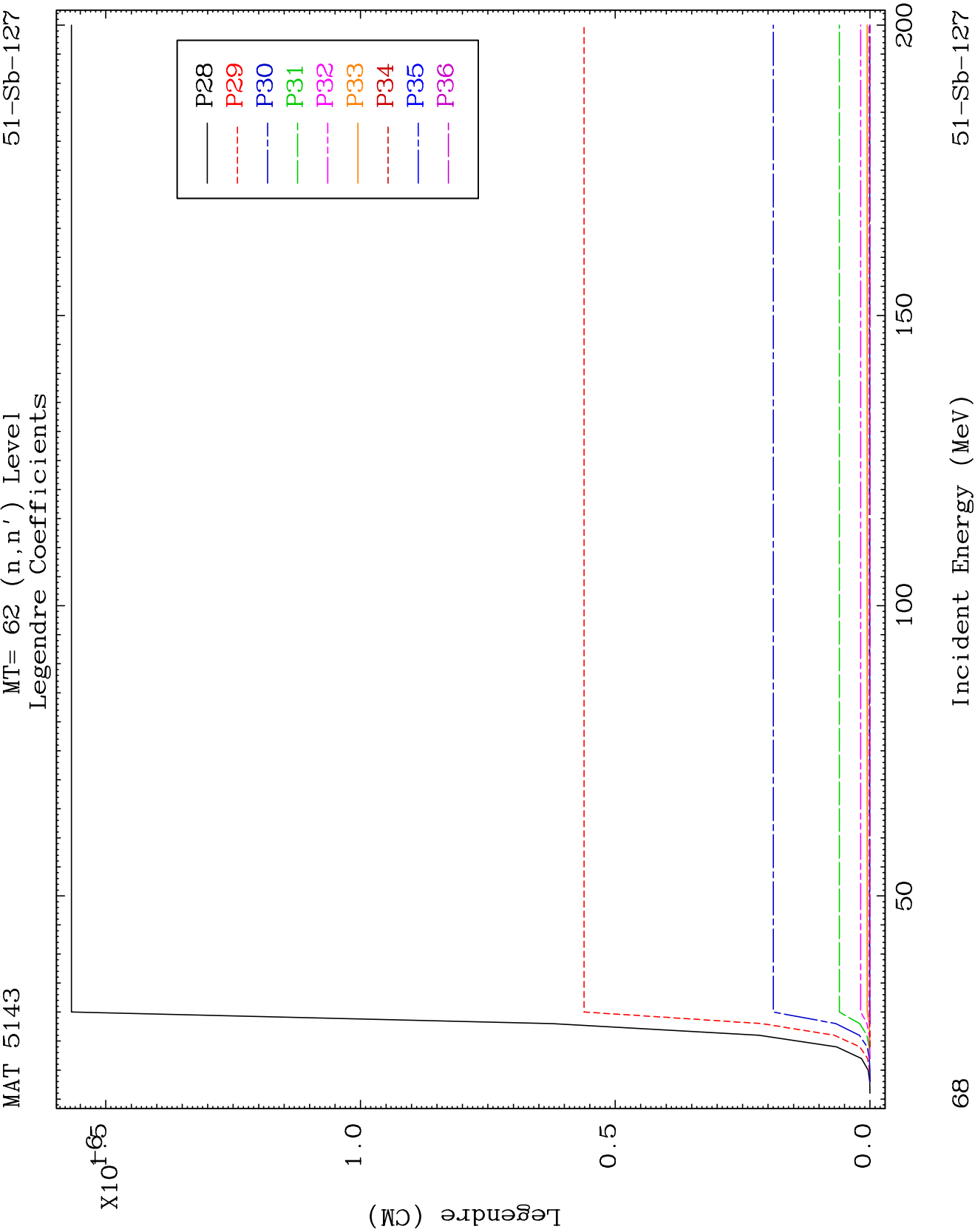
MAT 5143

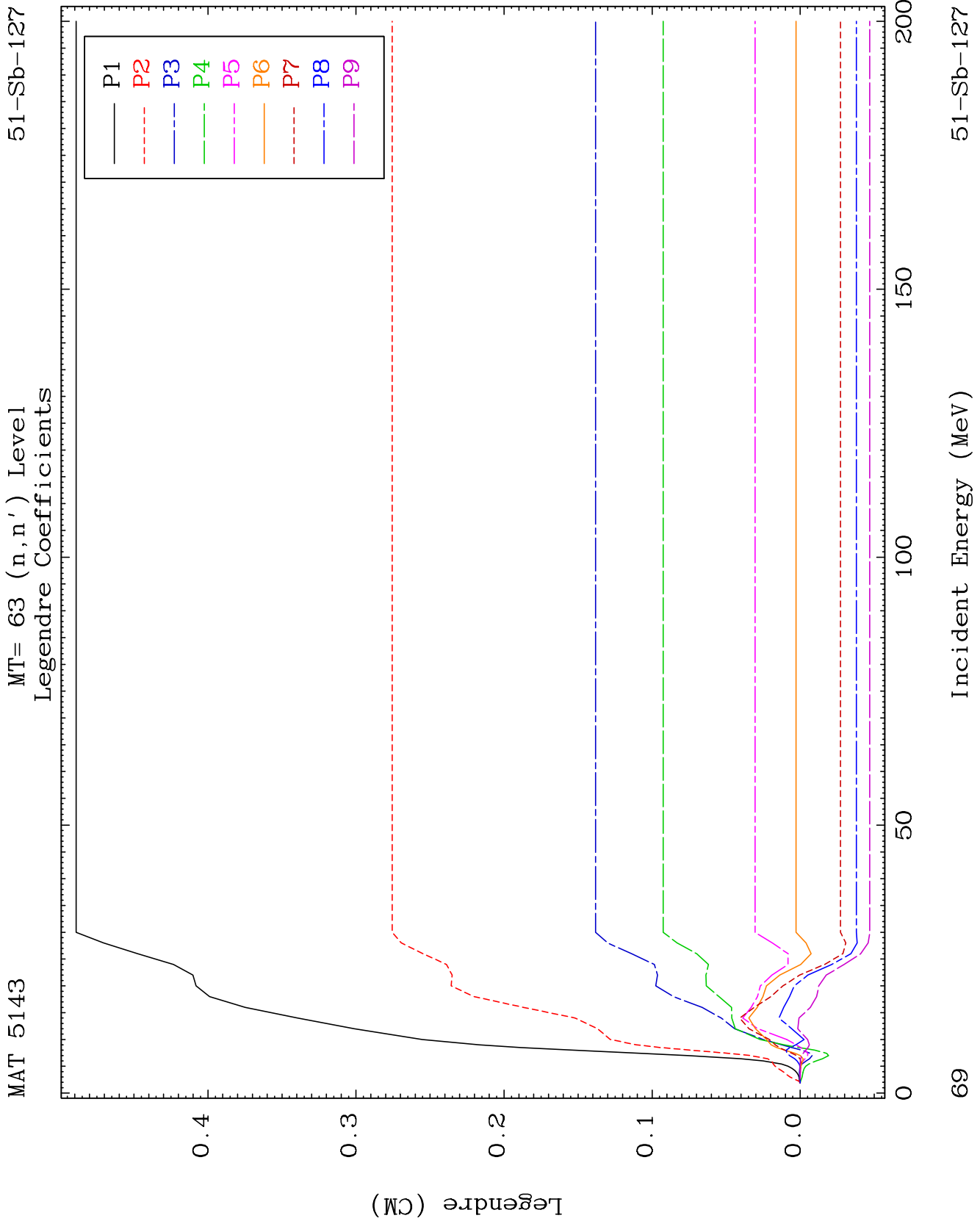
MT= 62 (n, n') Level
Legendre Coefficients

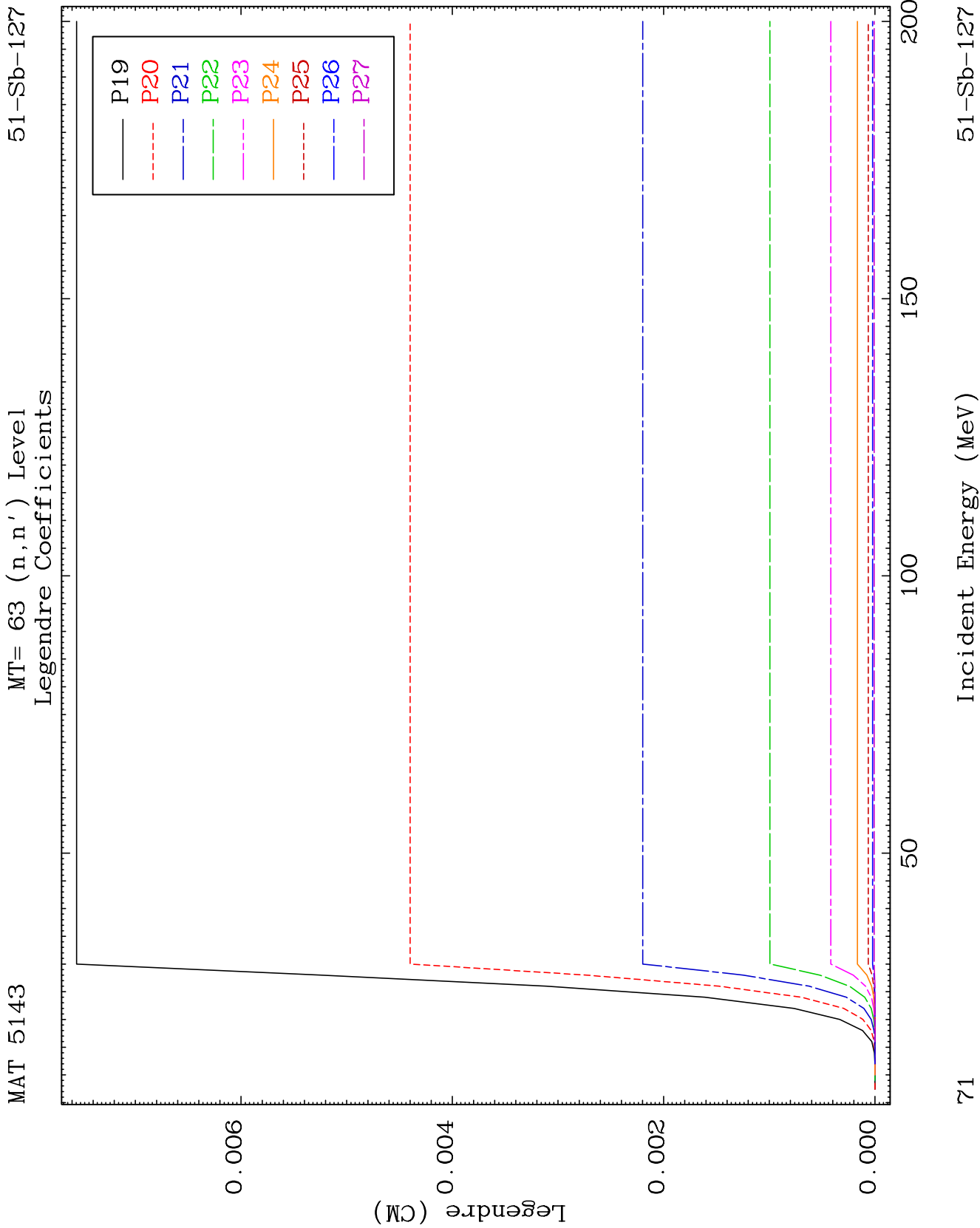
51-Sb-127

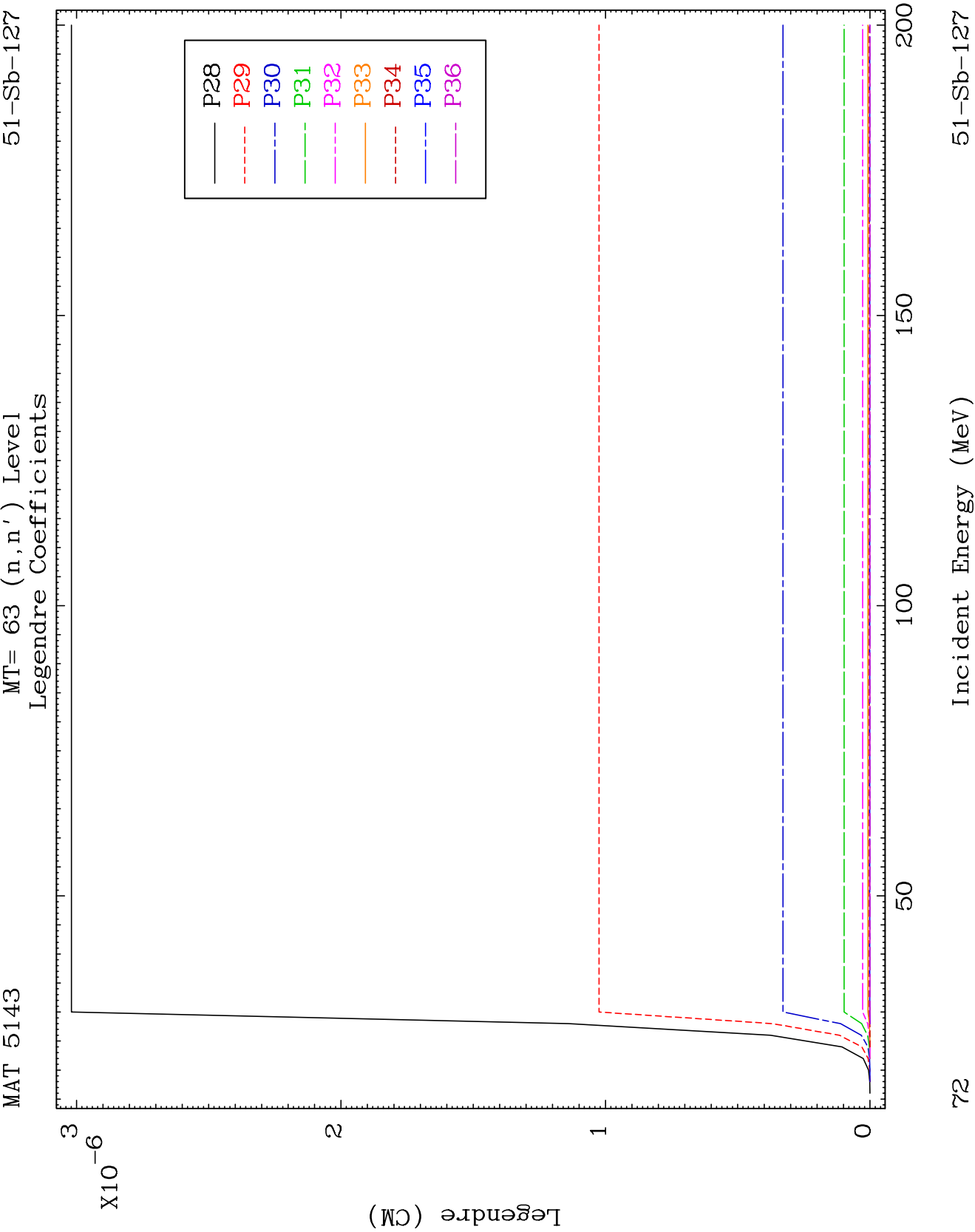


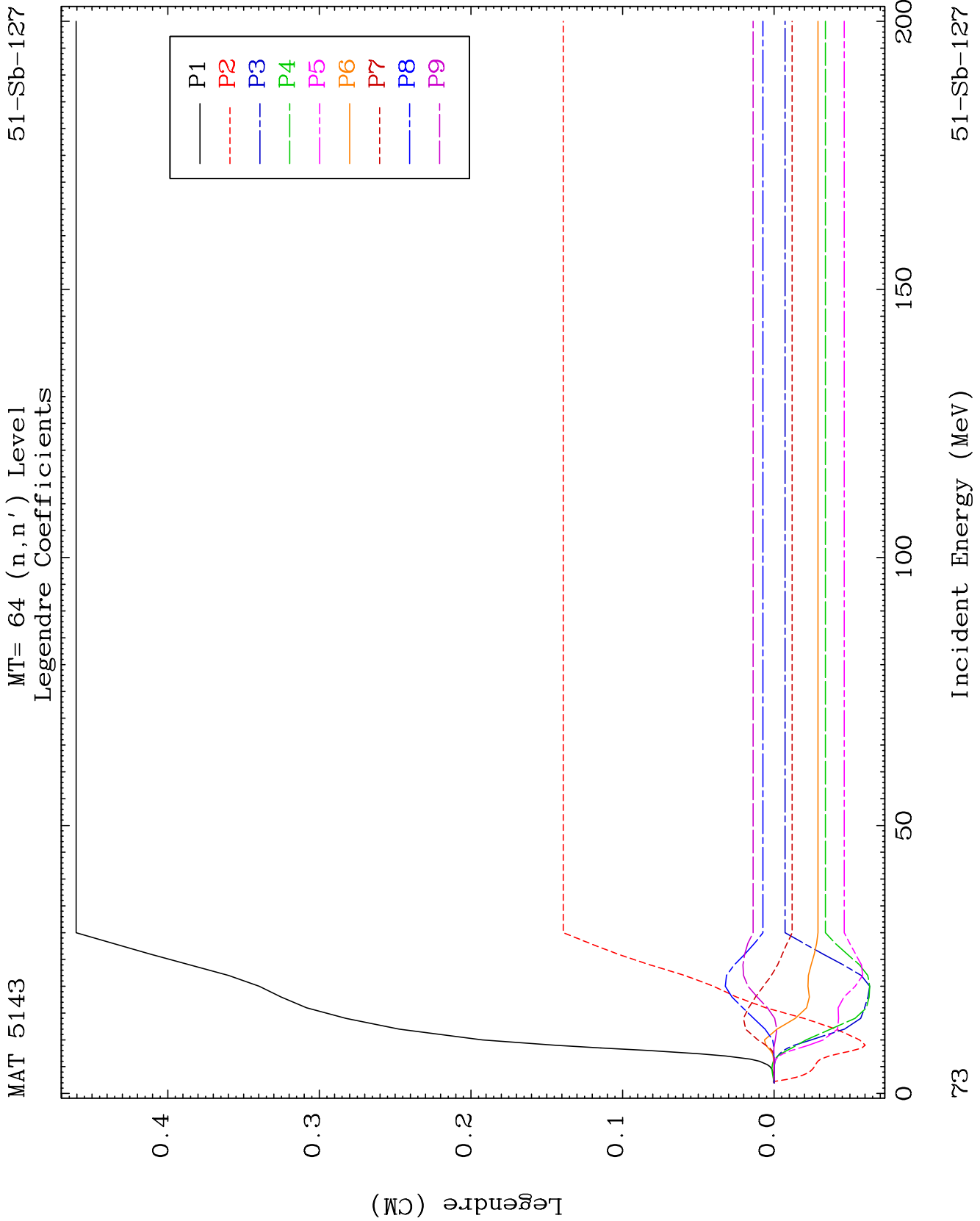


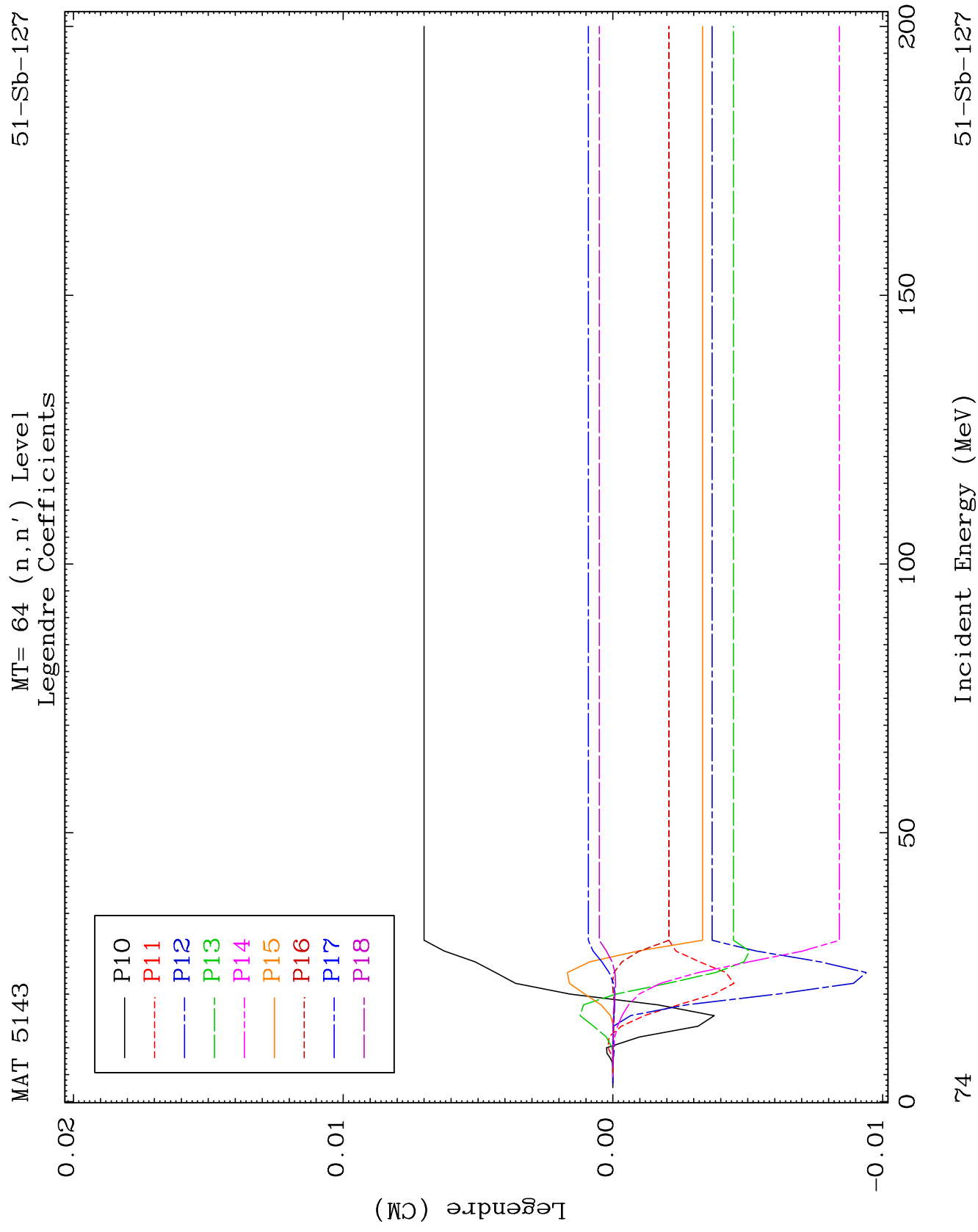


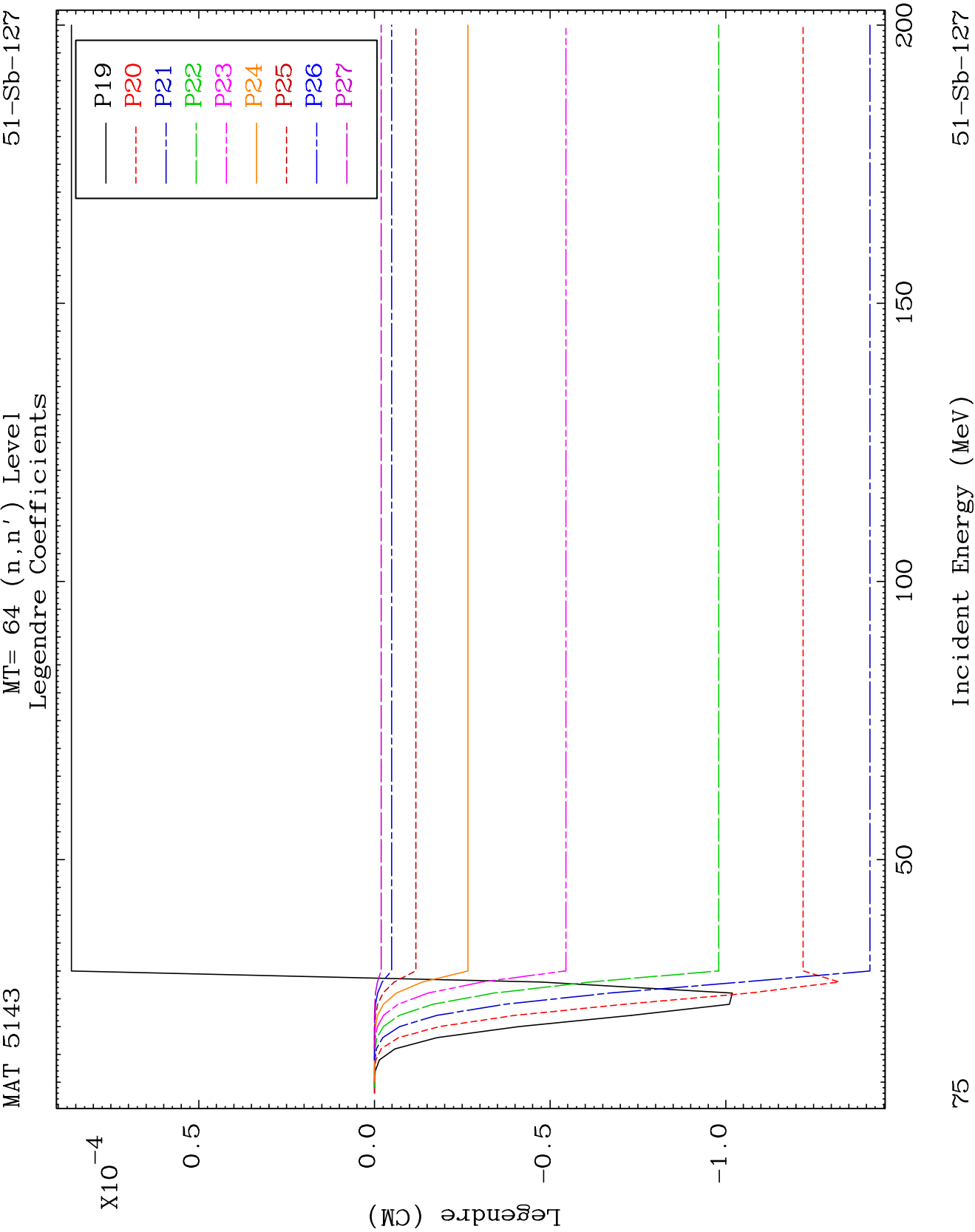


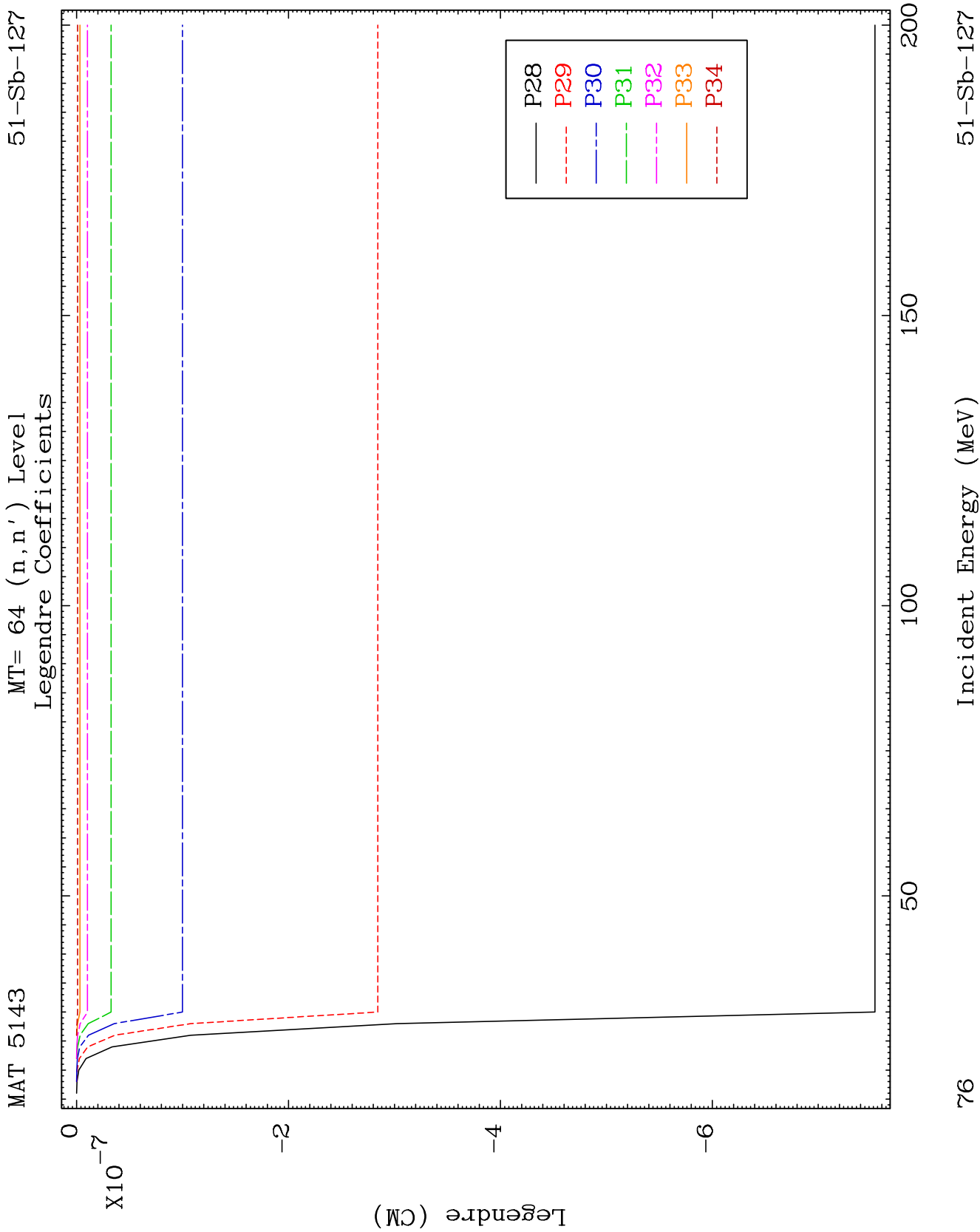


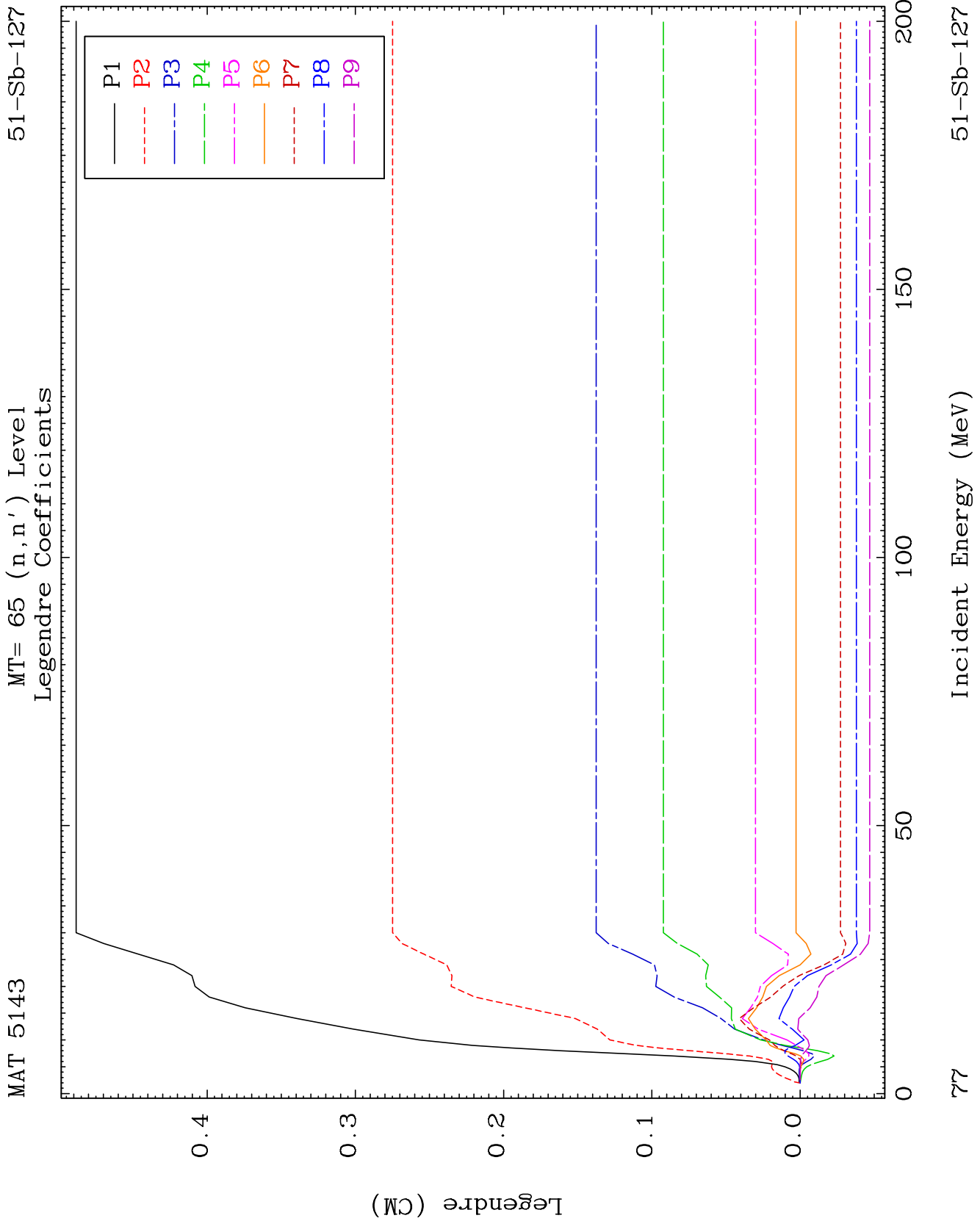


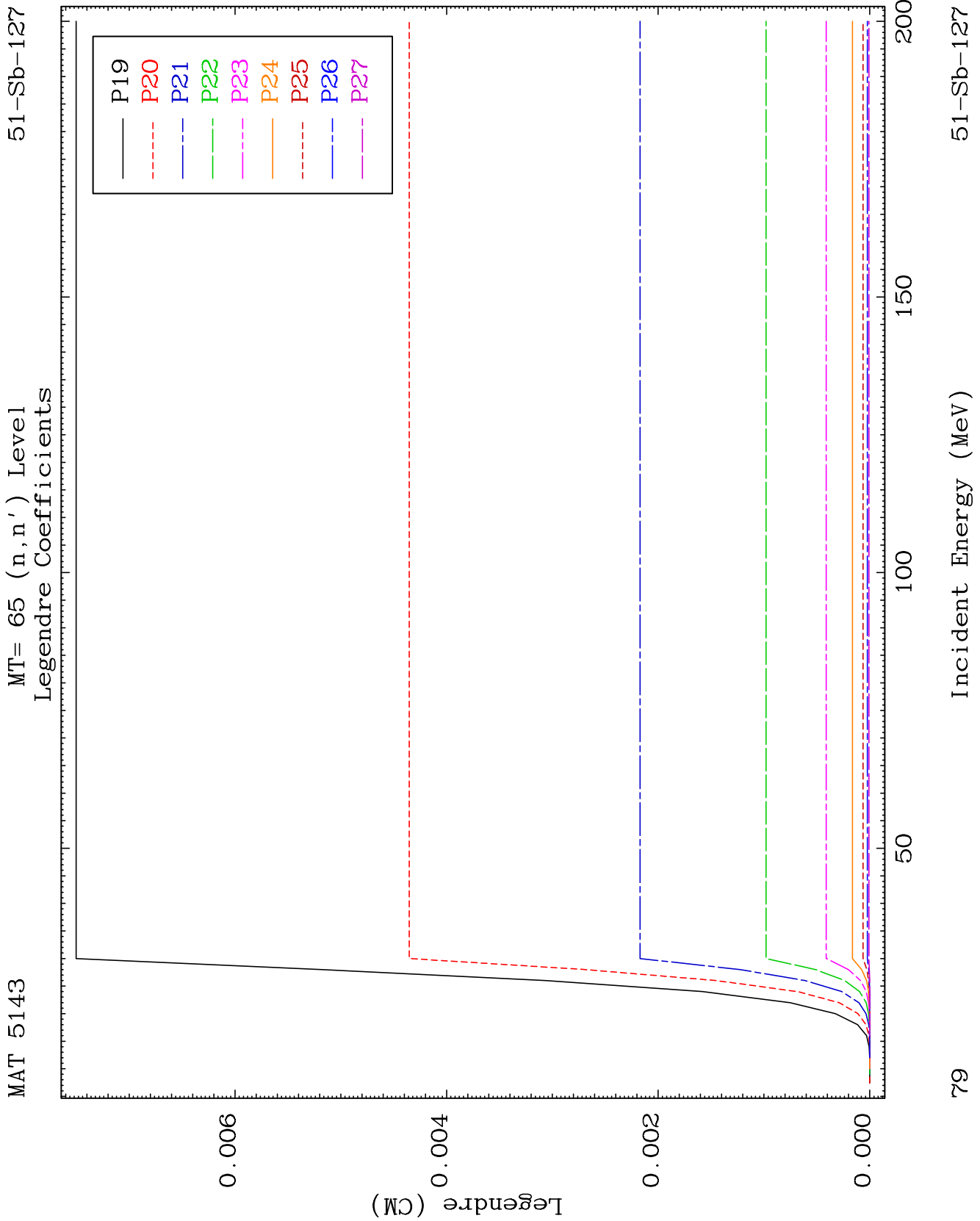


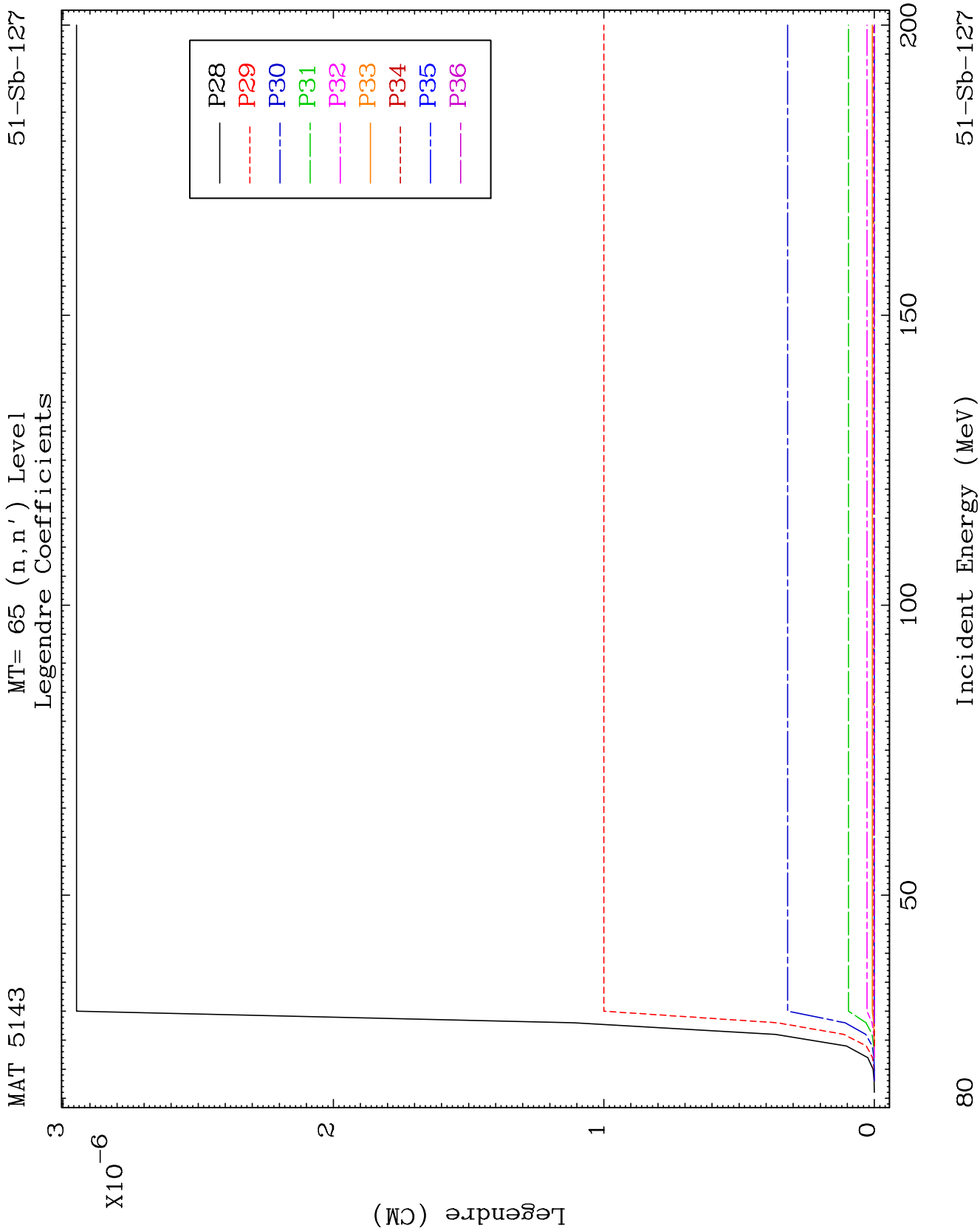


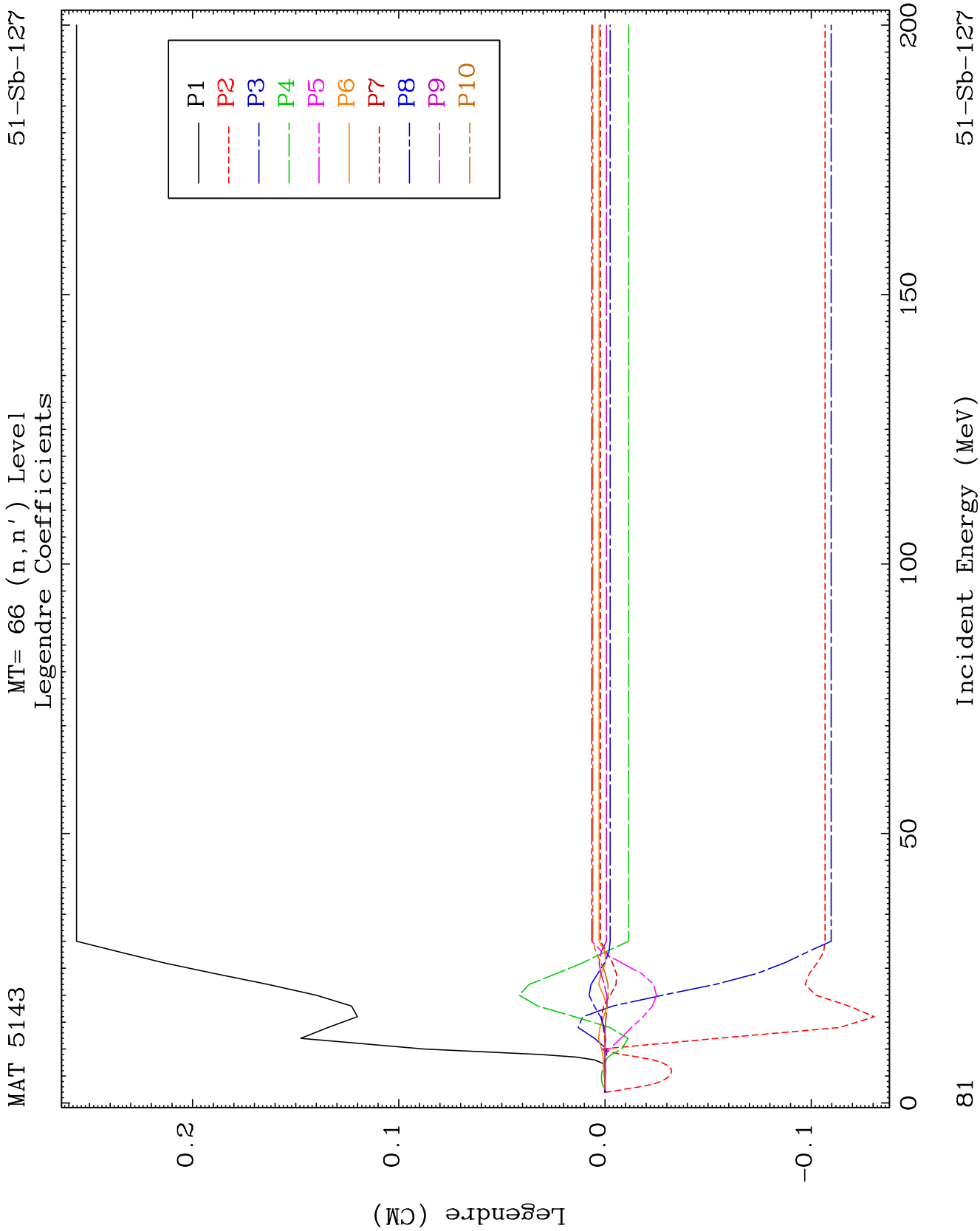


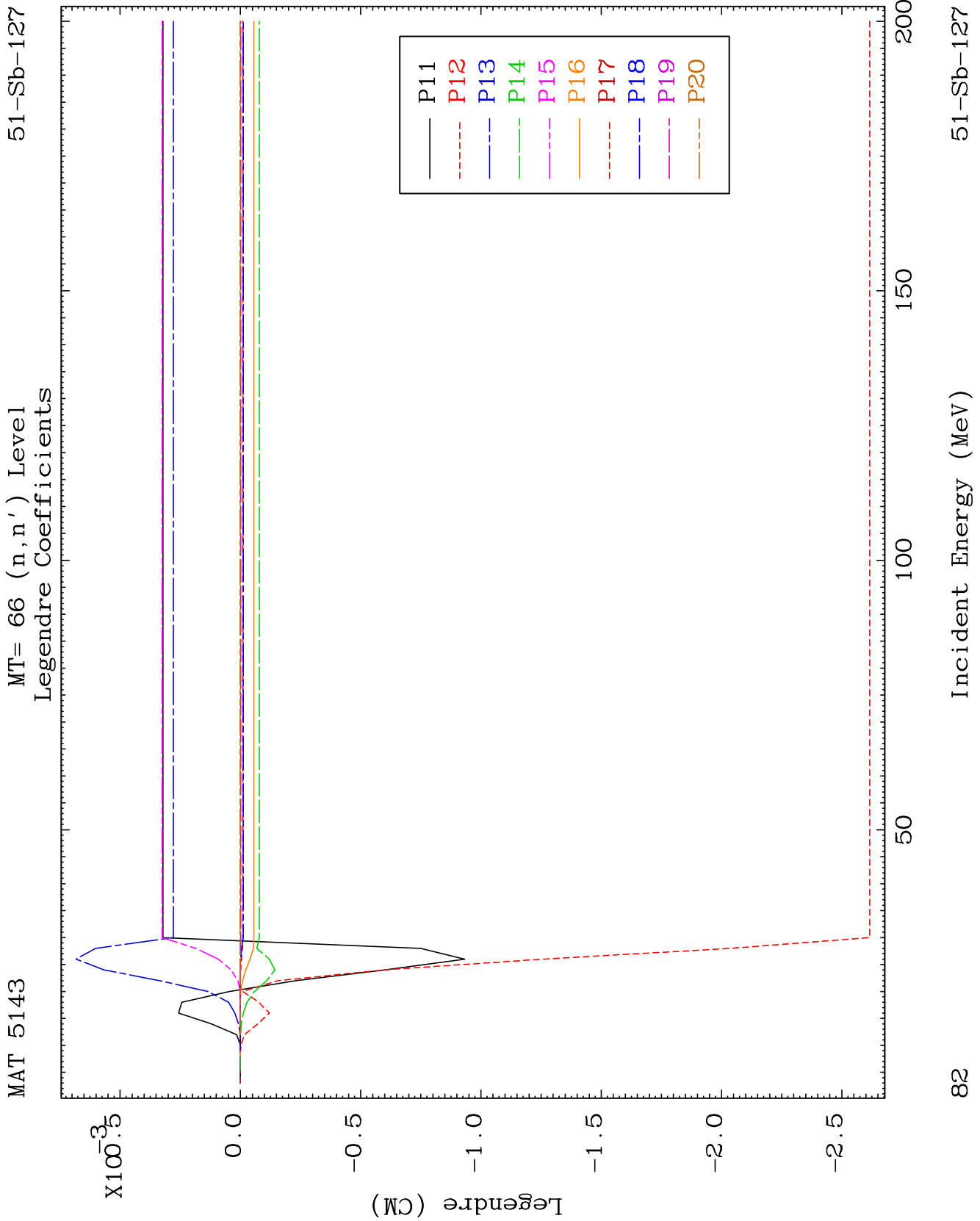


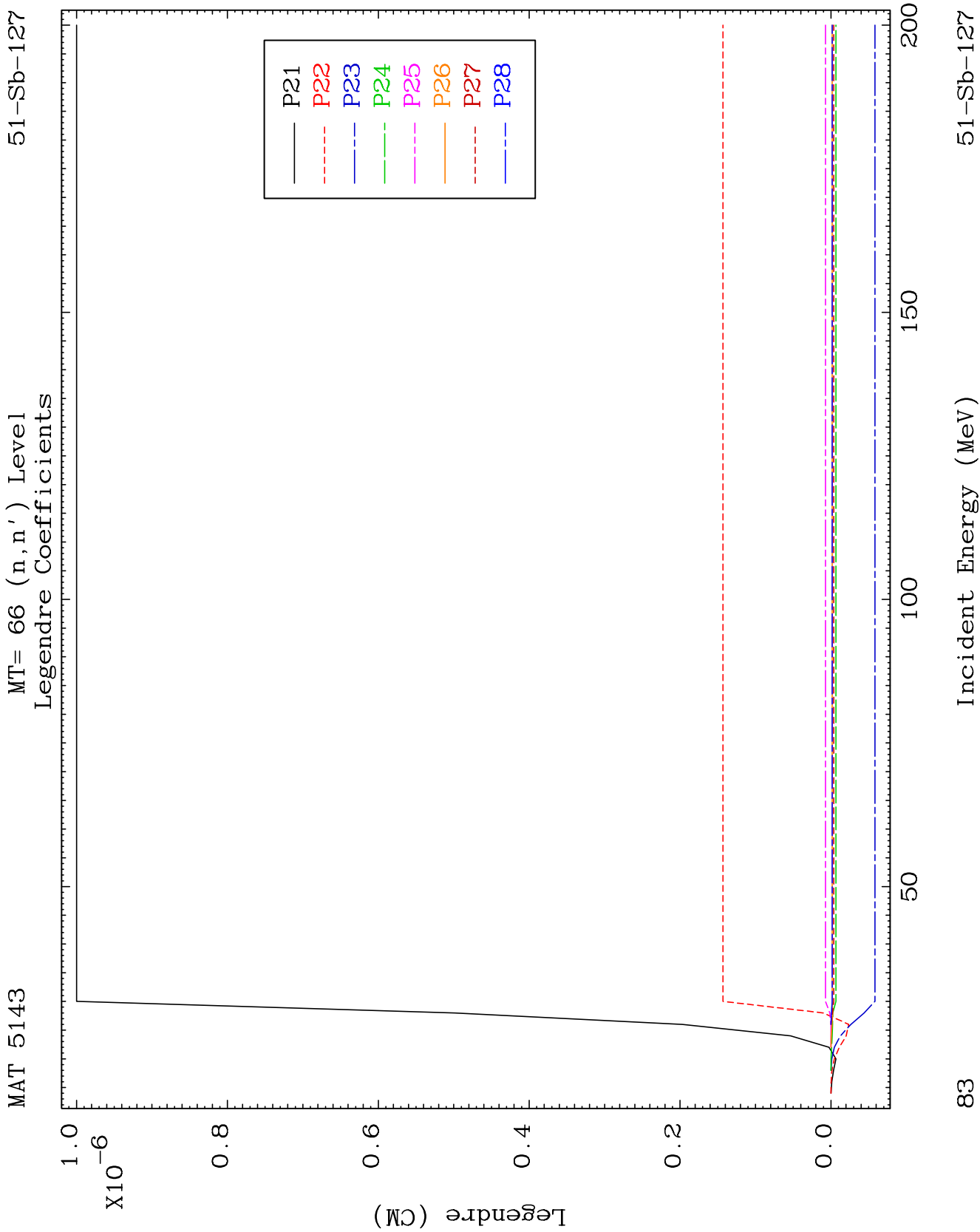


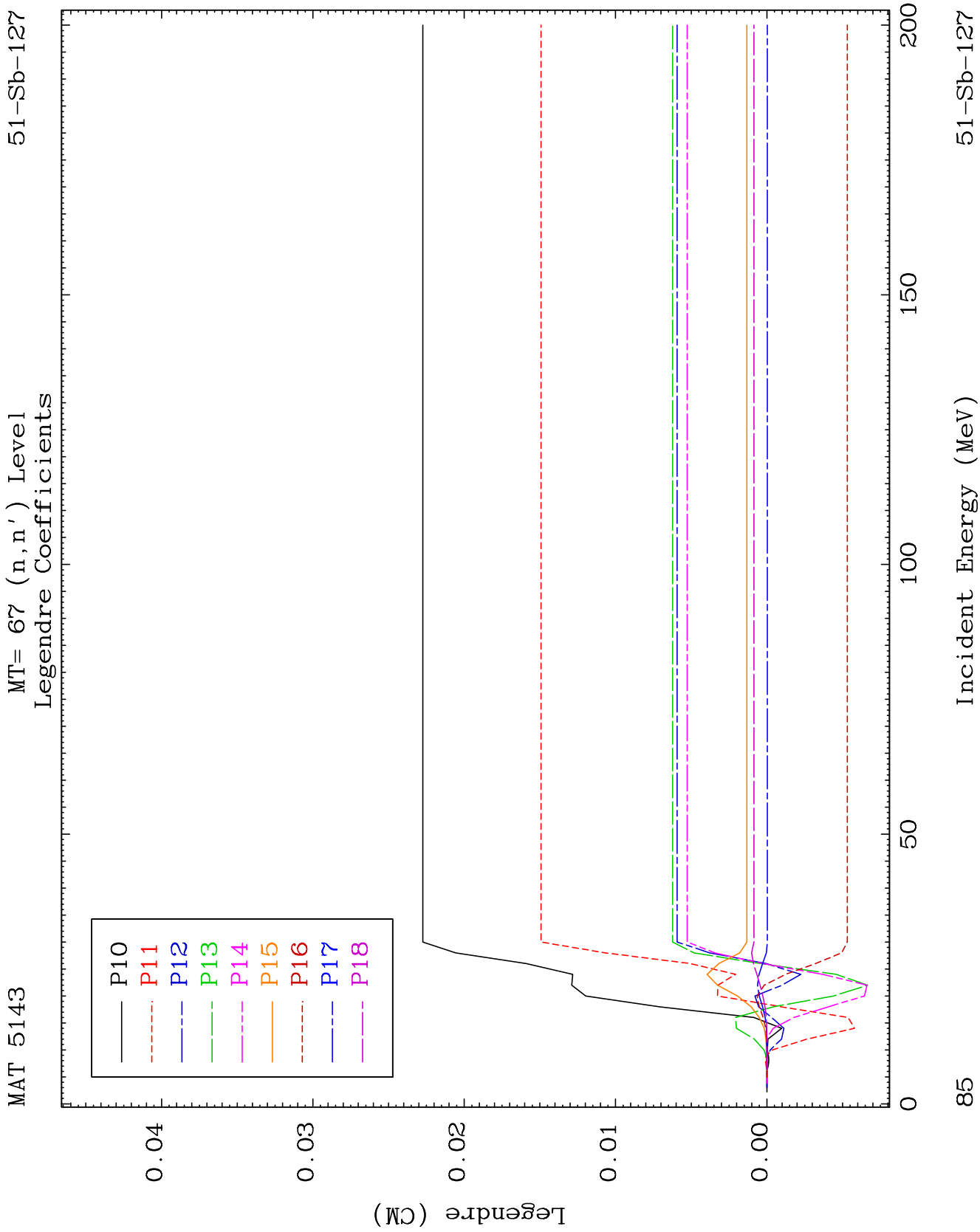








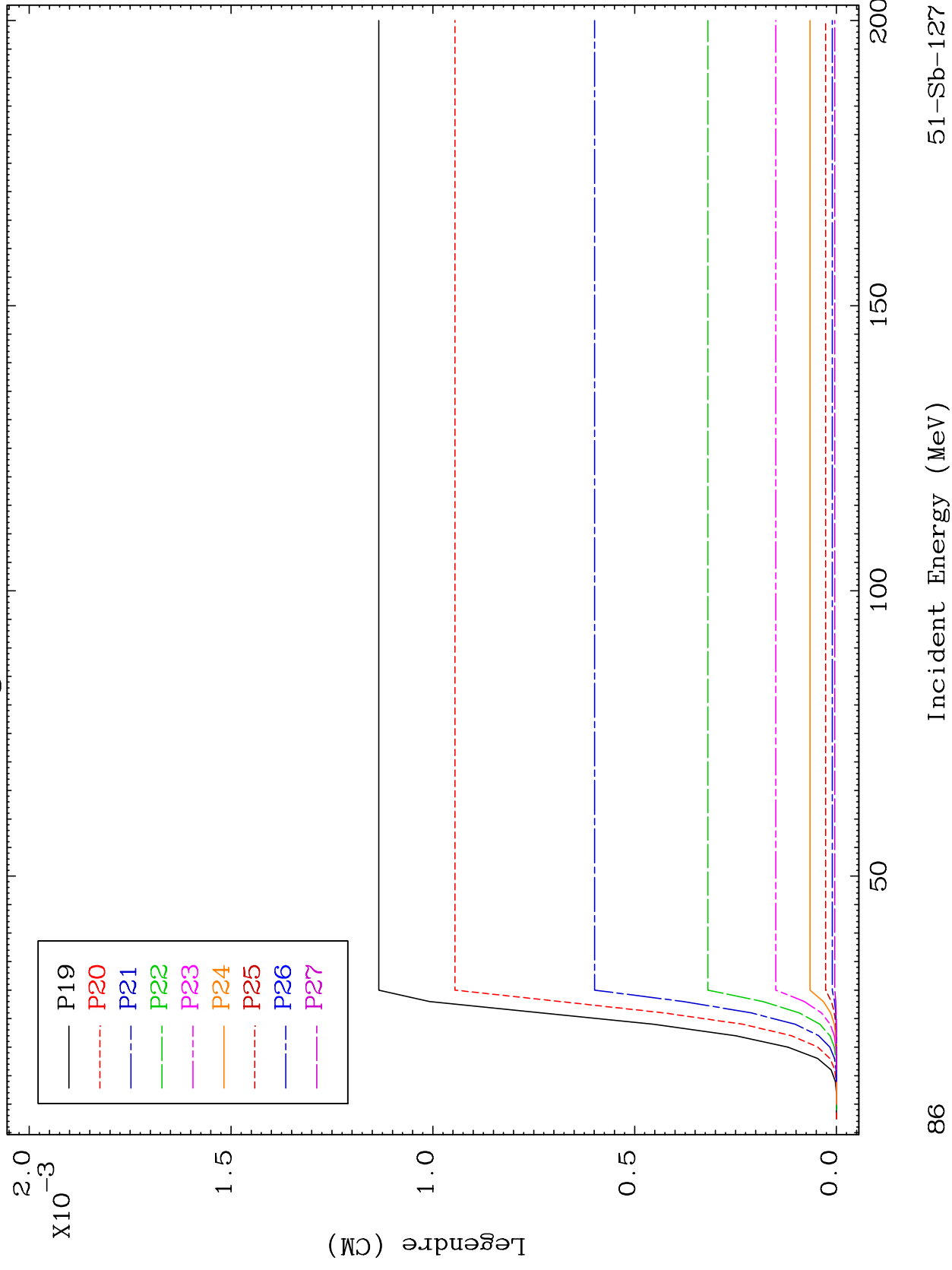


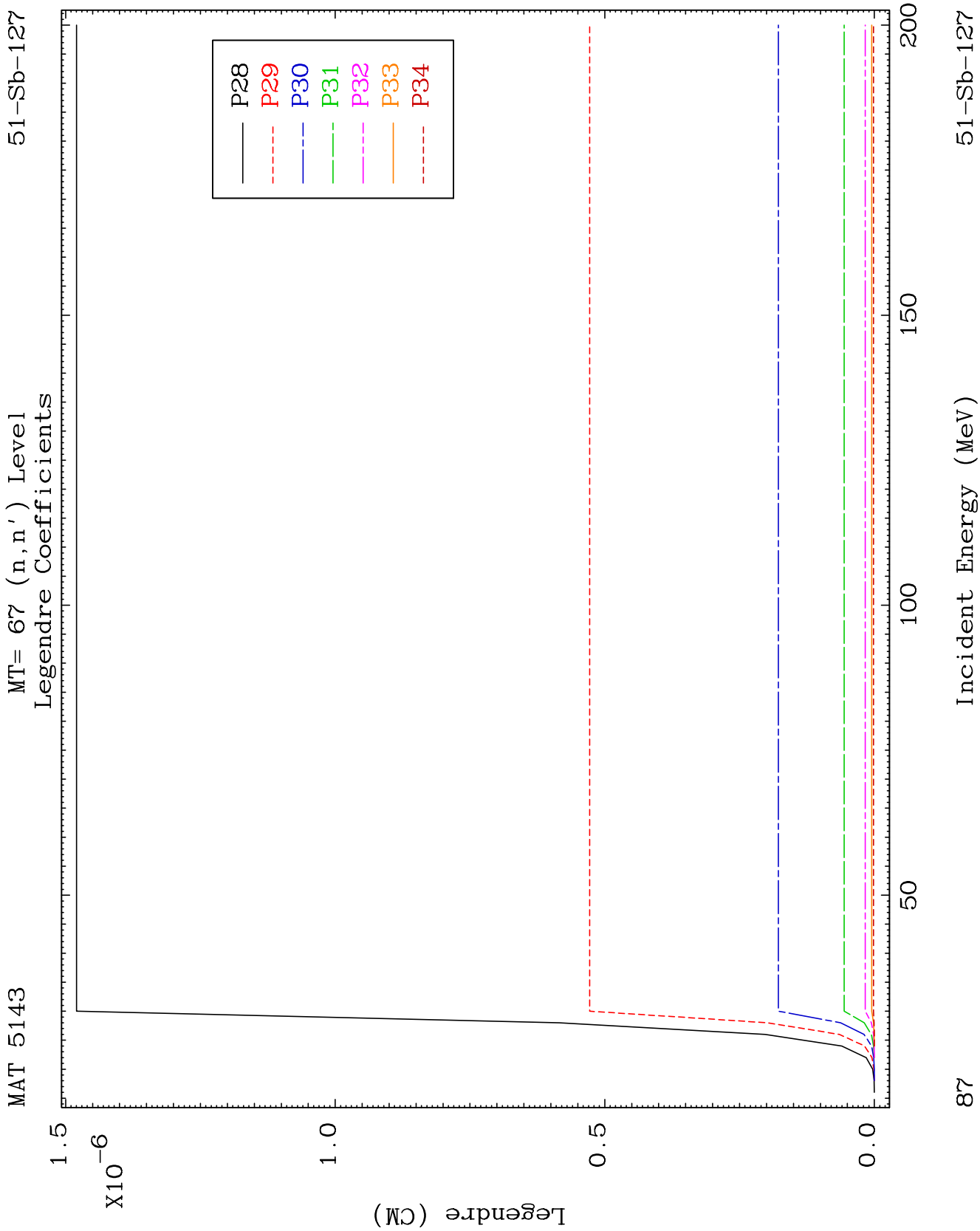


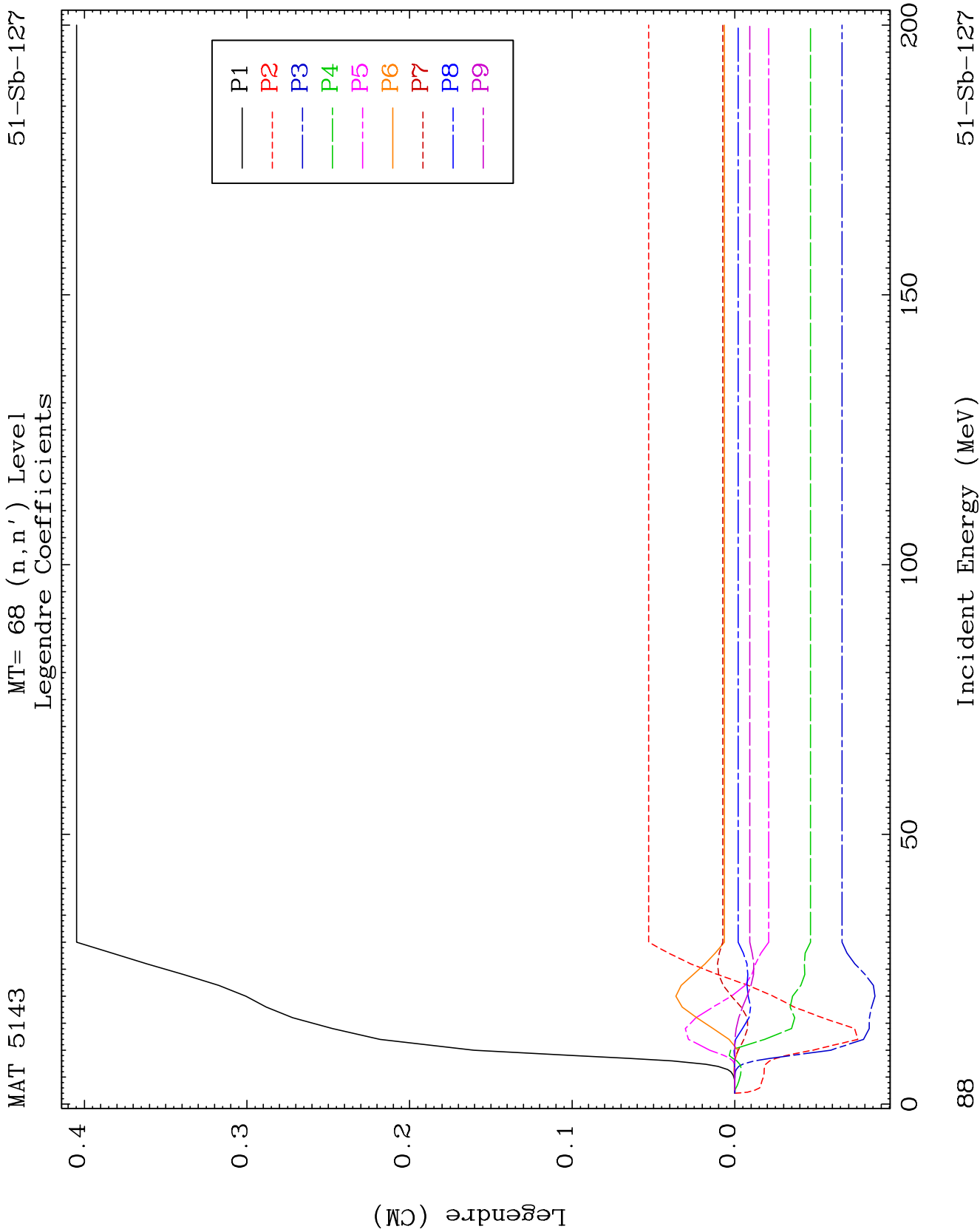
MAT 5143

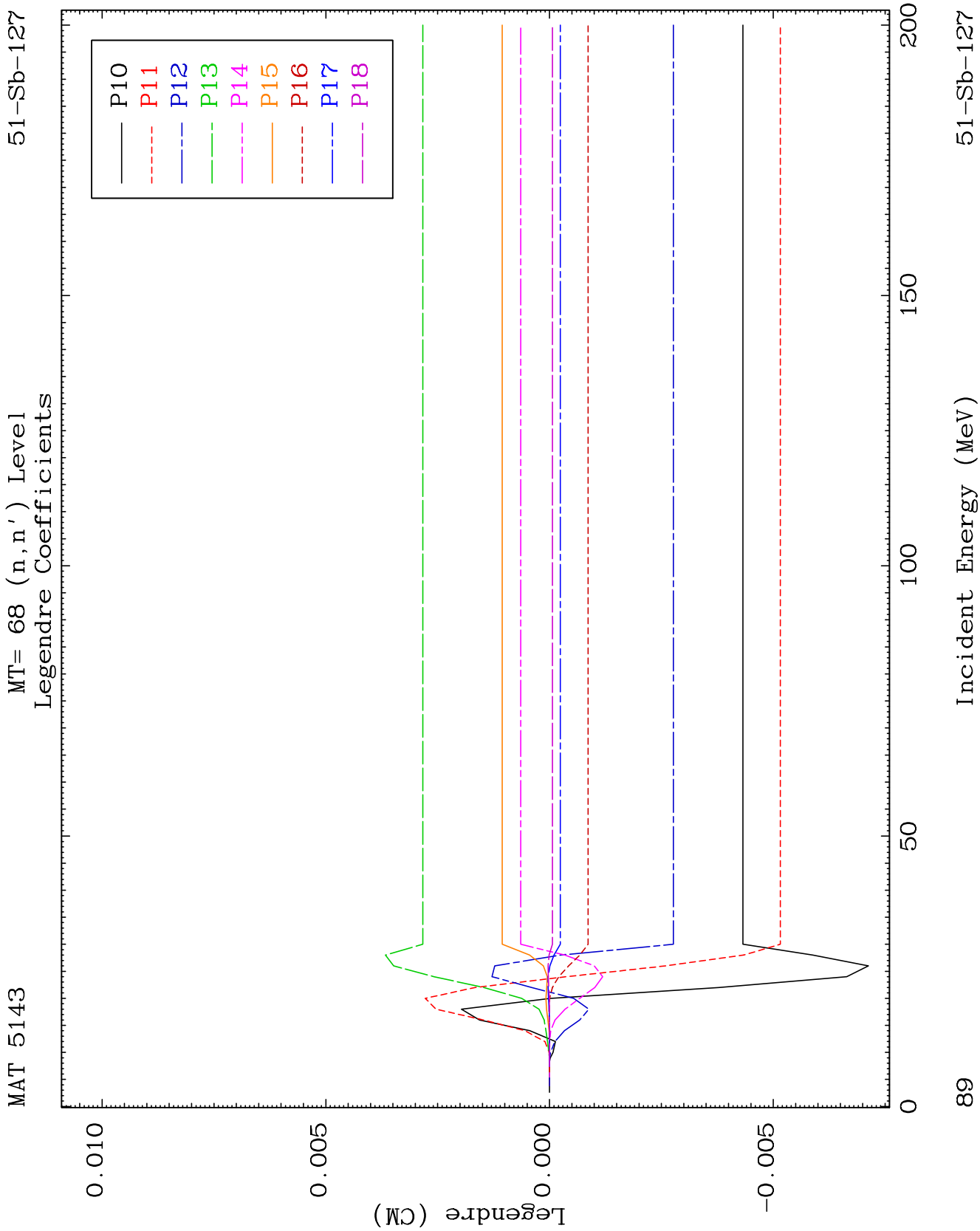
MT= 67 (n, n') Level
Legendre Coefficients

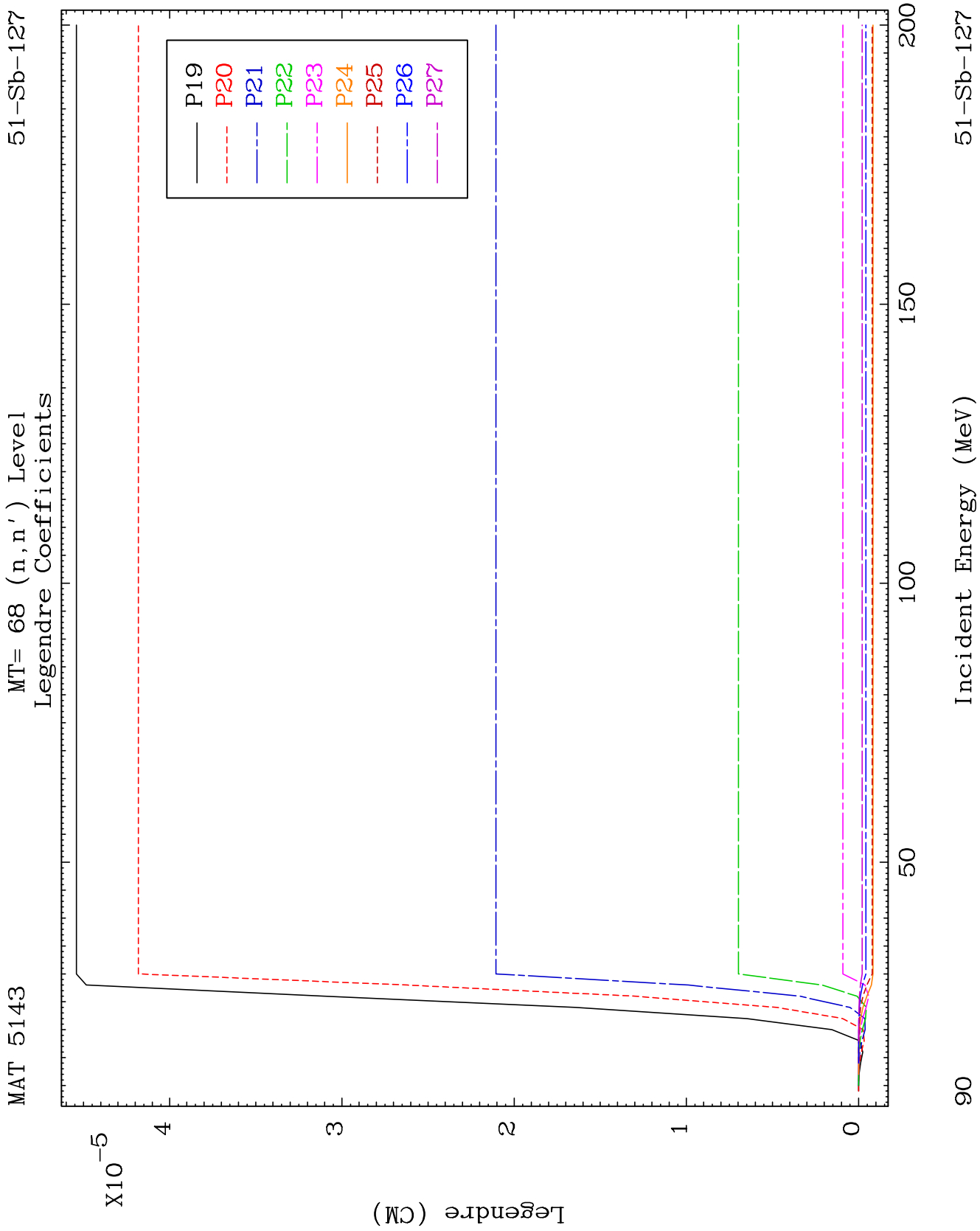
51-Sb-127

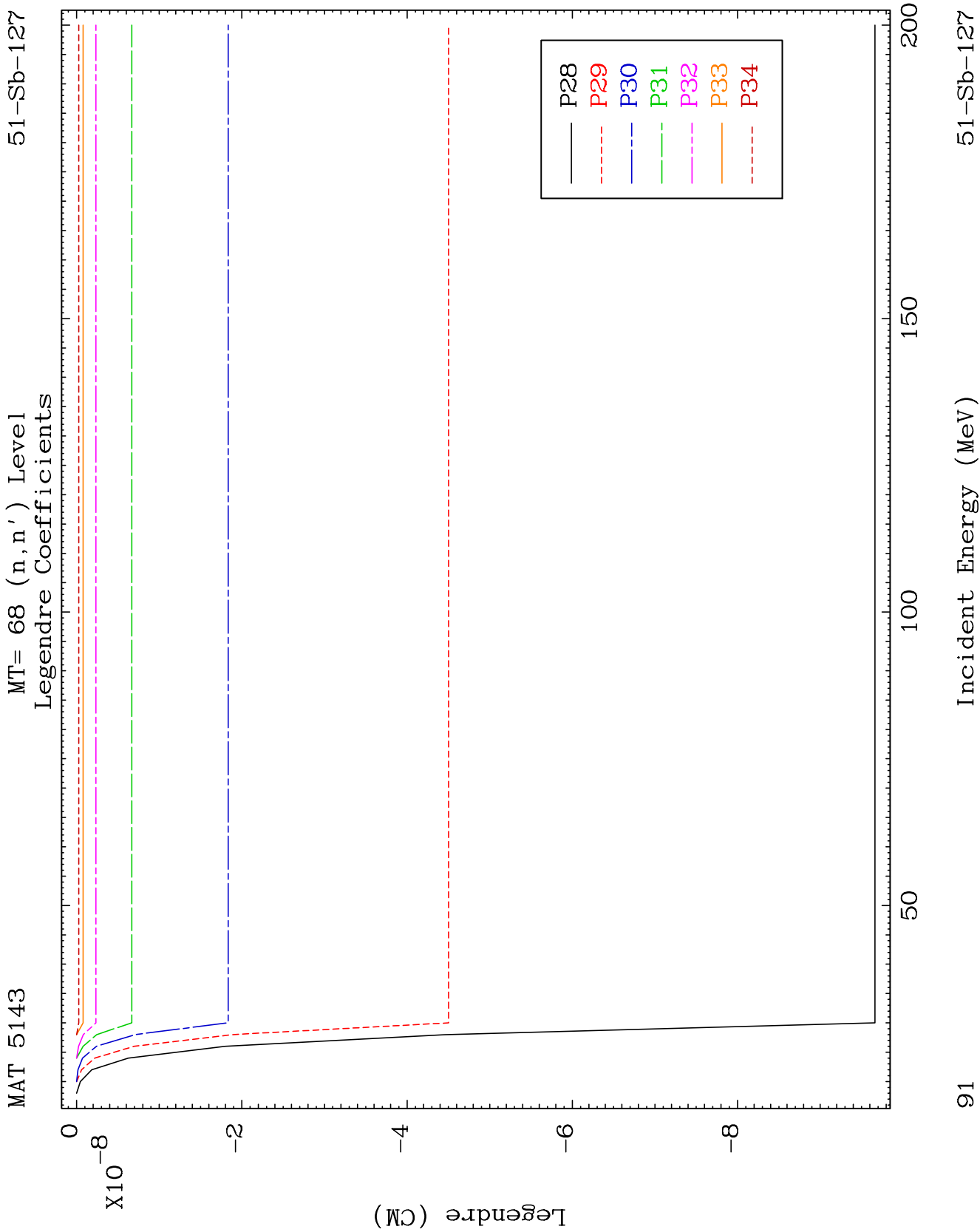


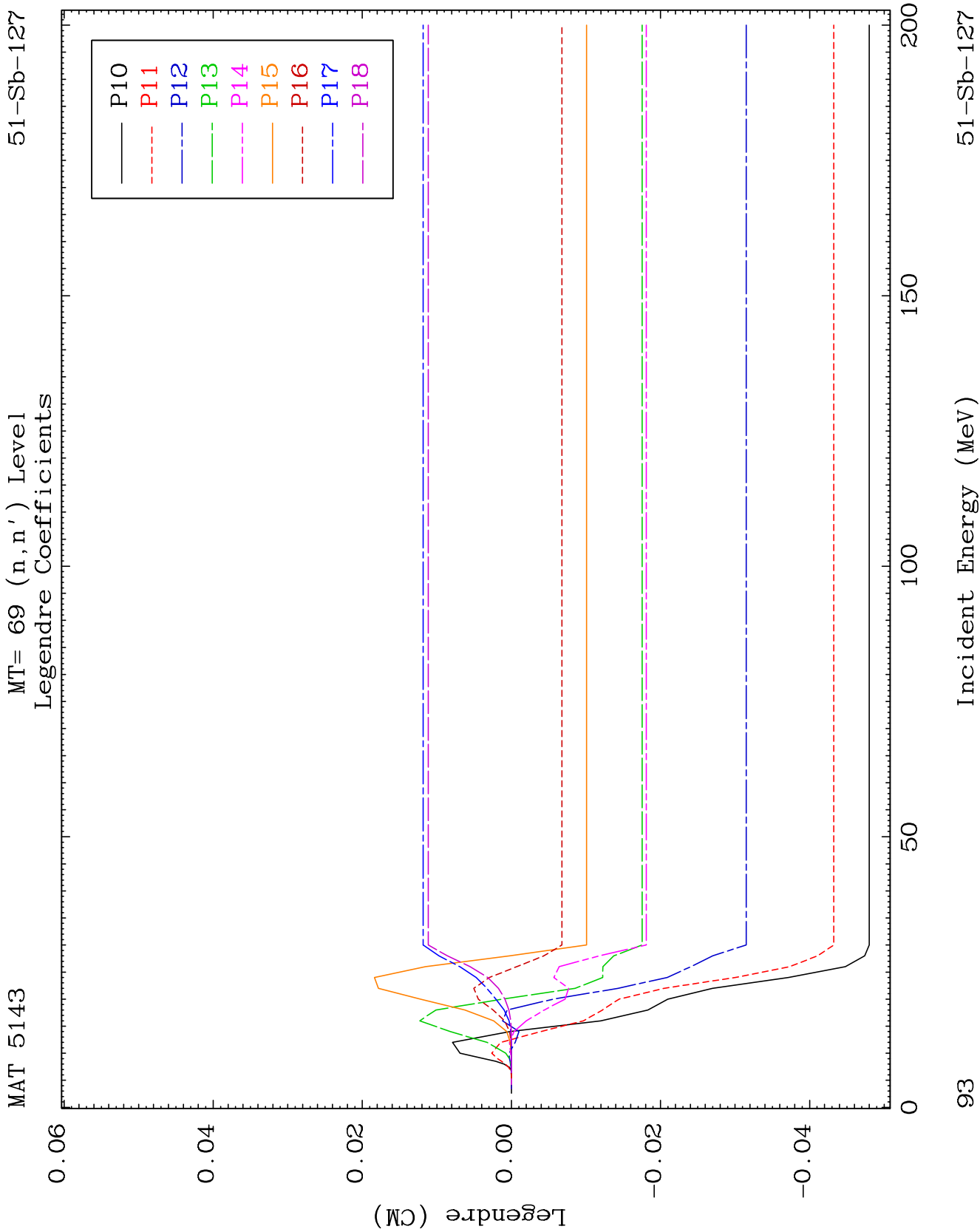


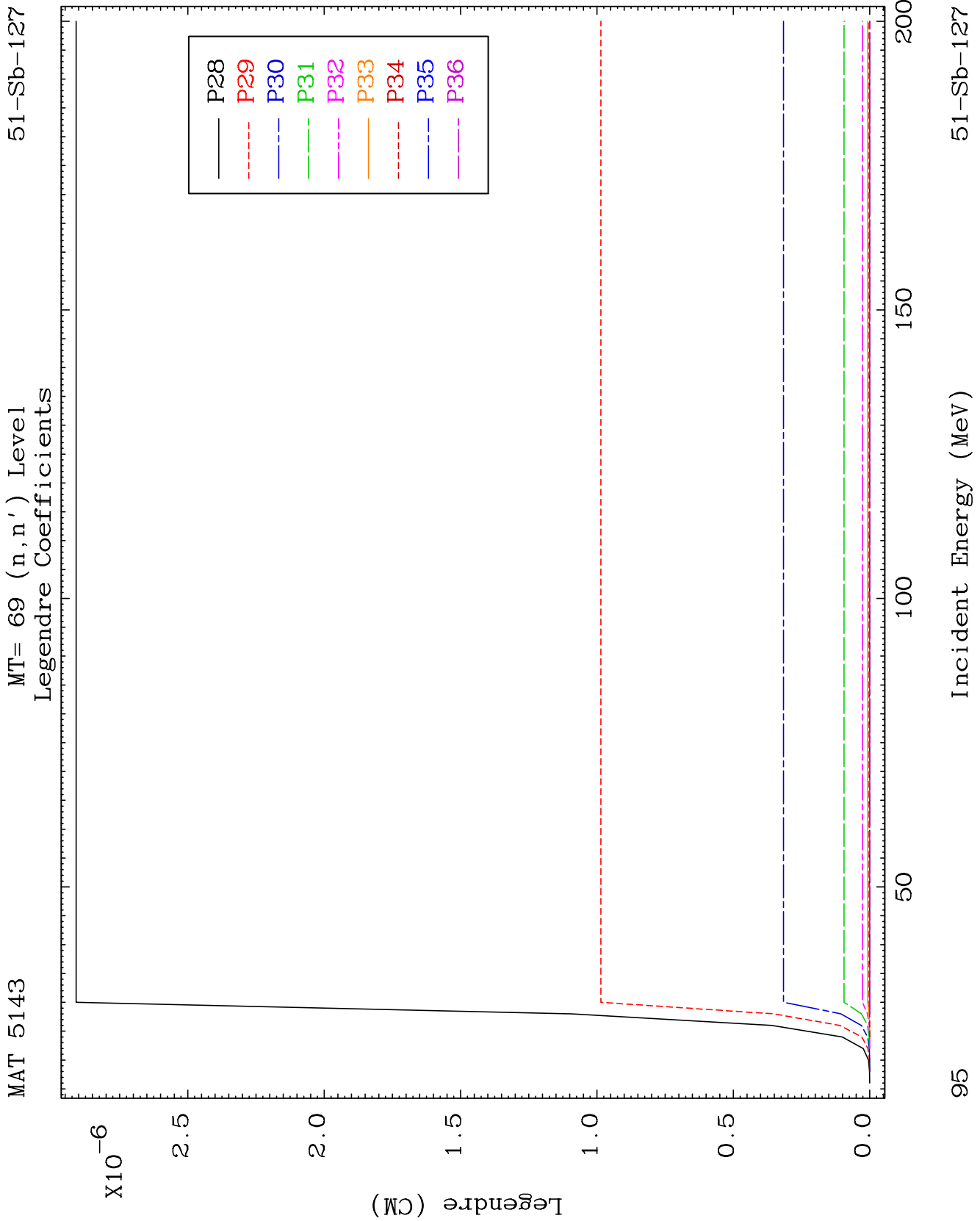








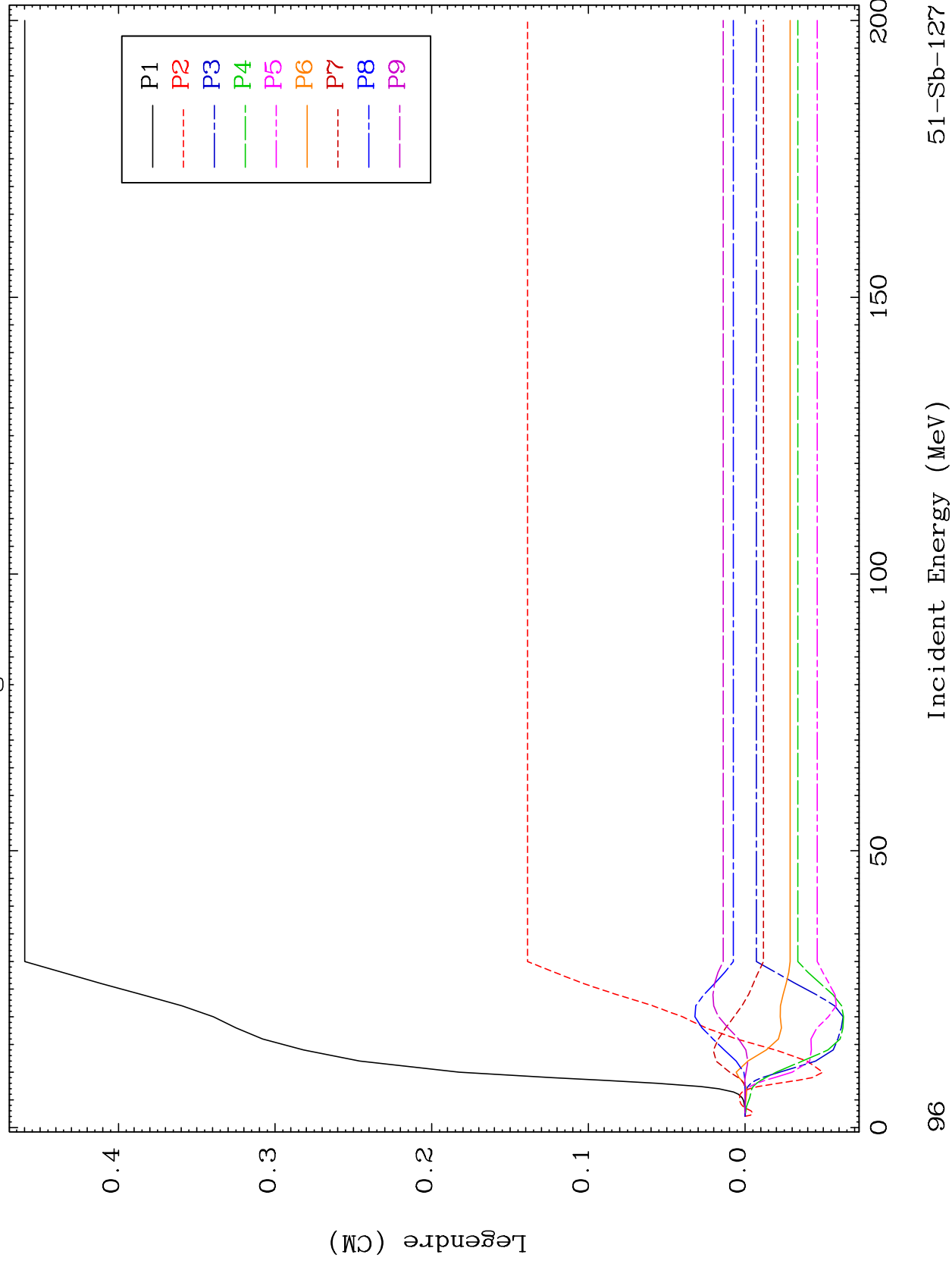


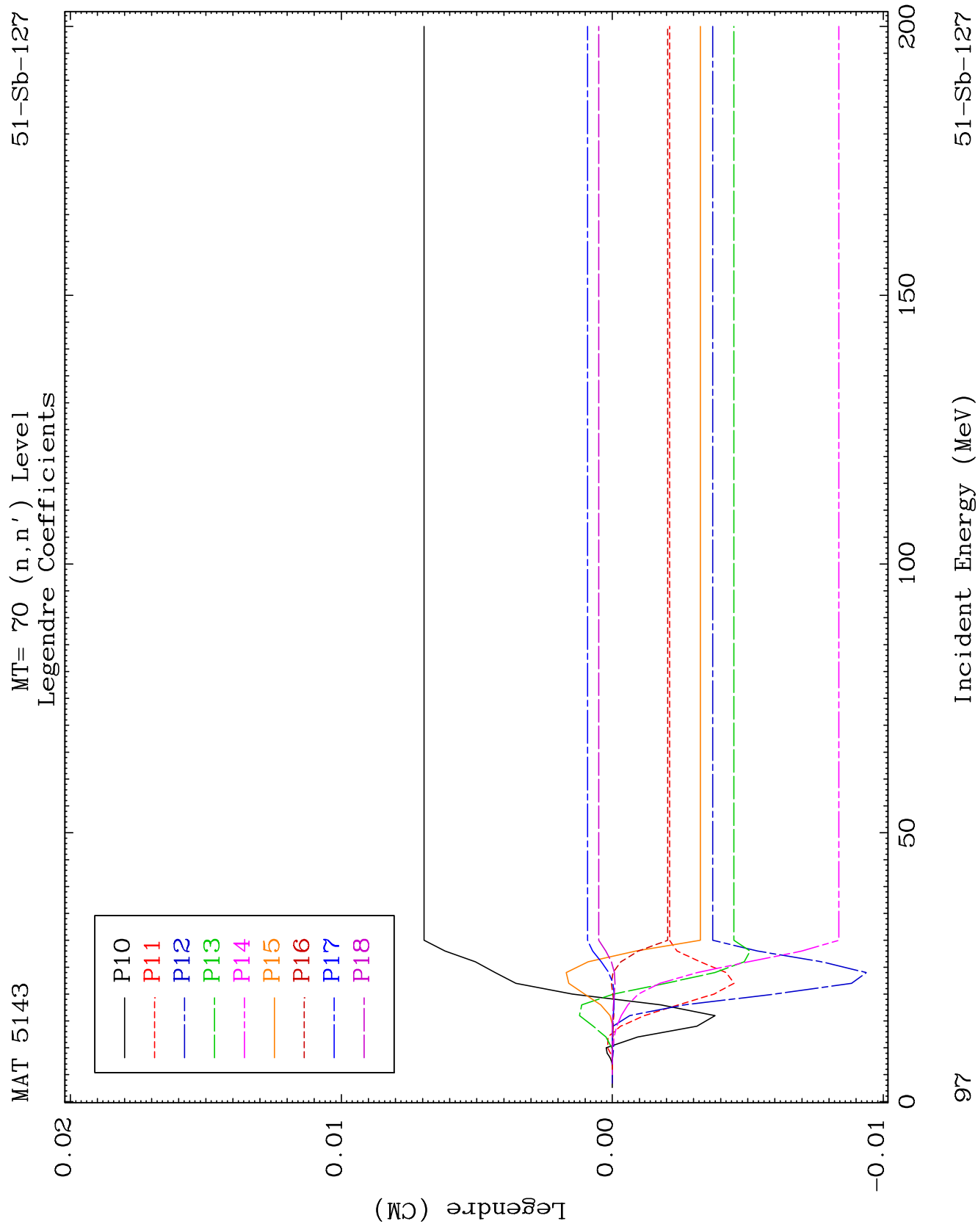


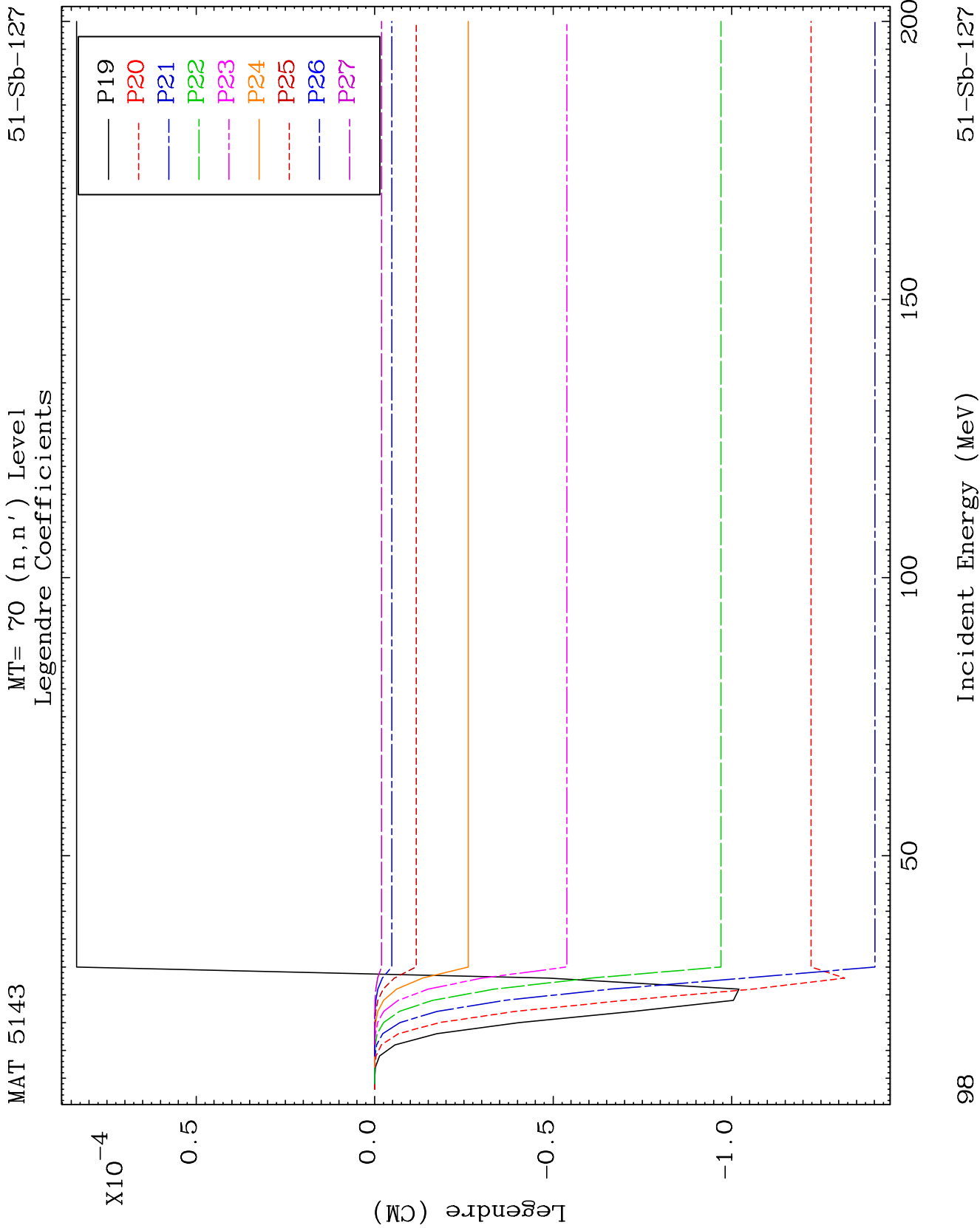
MAT 5143

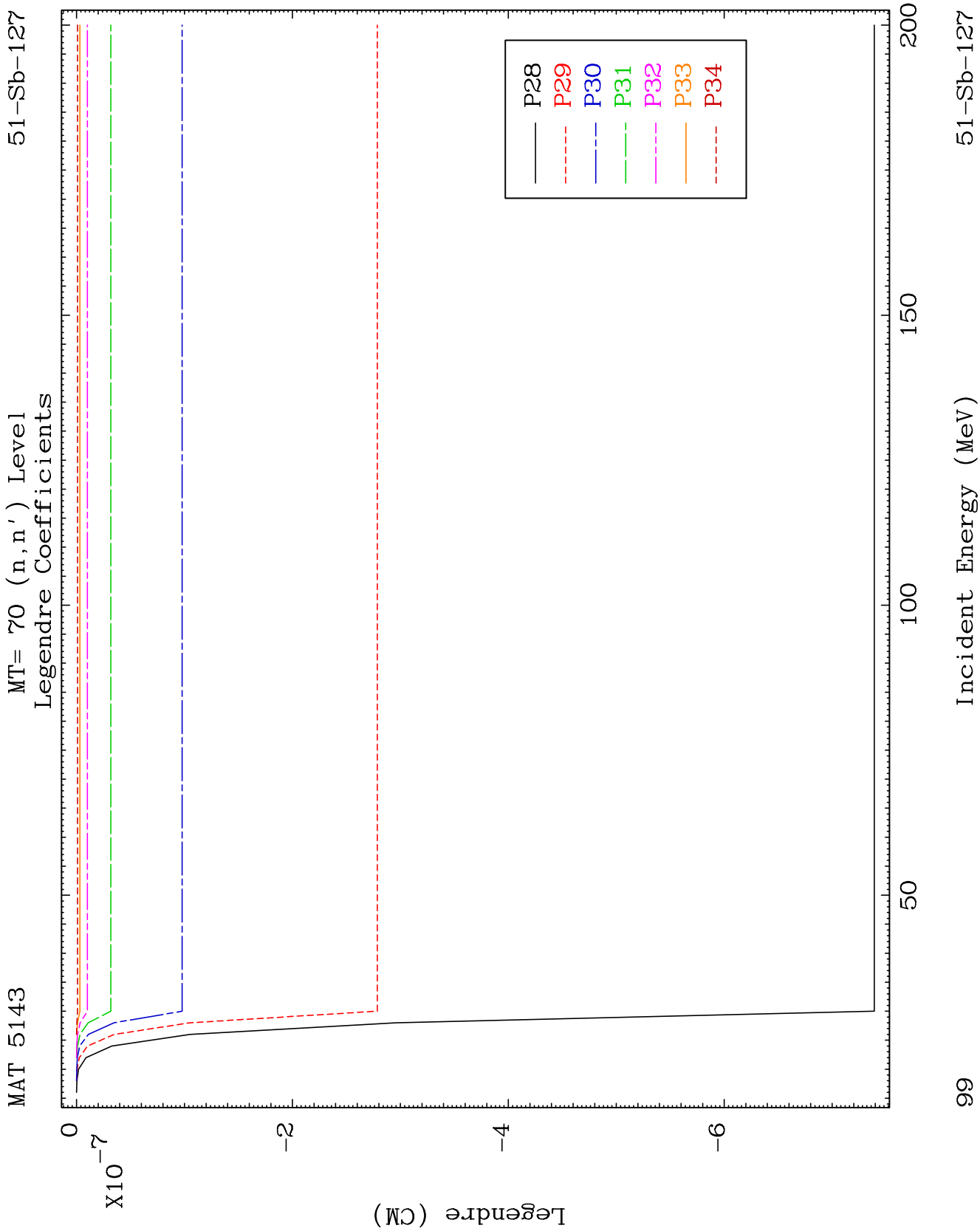
MT= 70 (n, n') Level
Legendre Coefficients

51-Sb-127





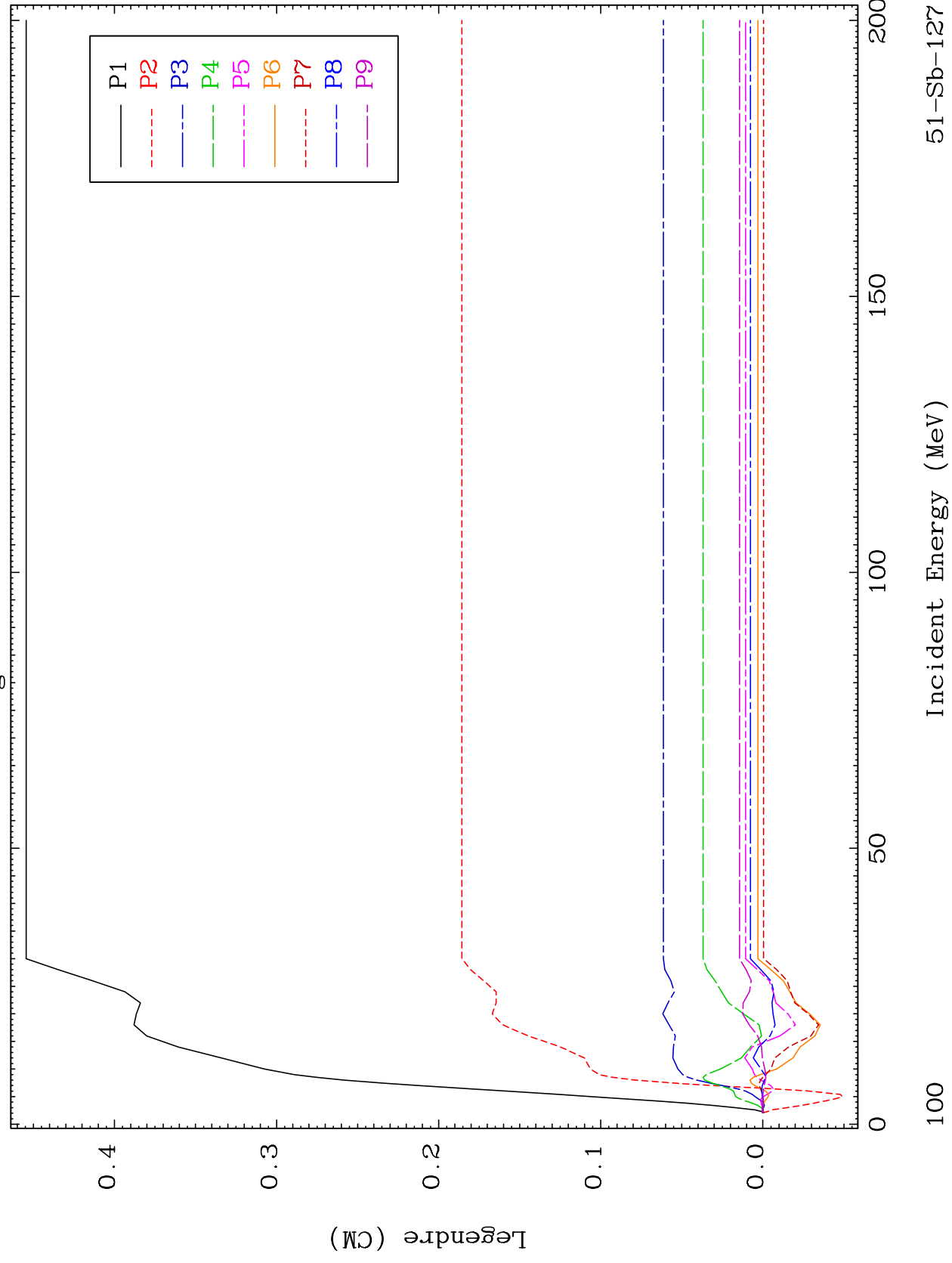




MAT 5143

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

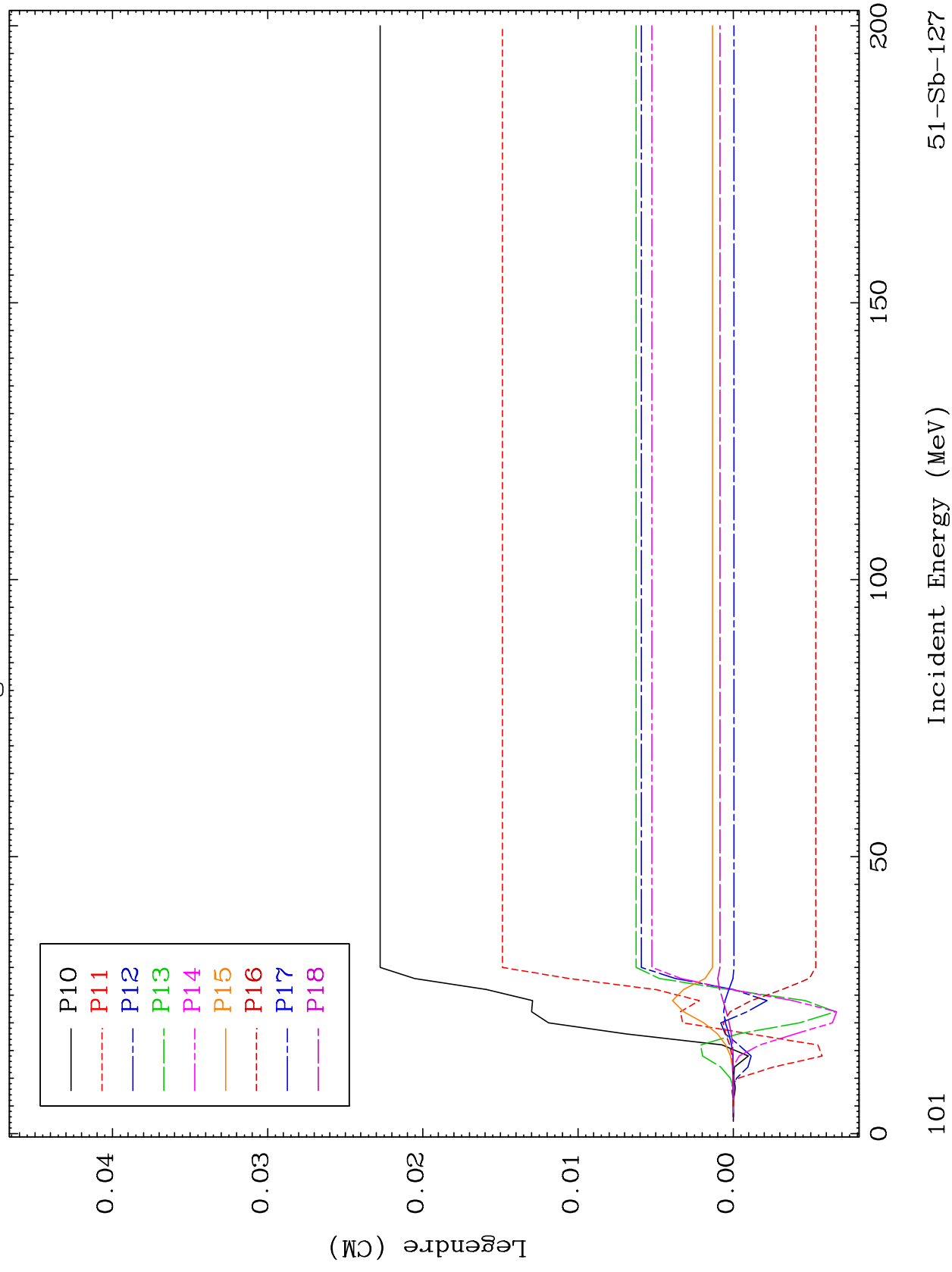
51-Sb-127

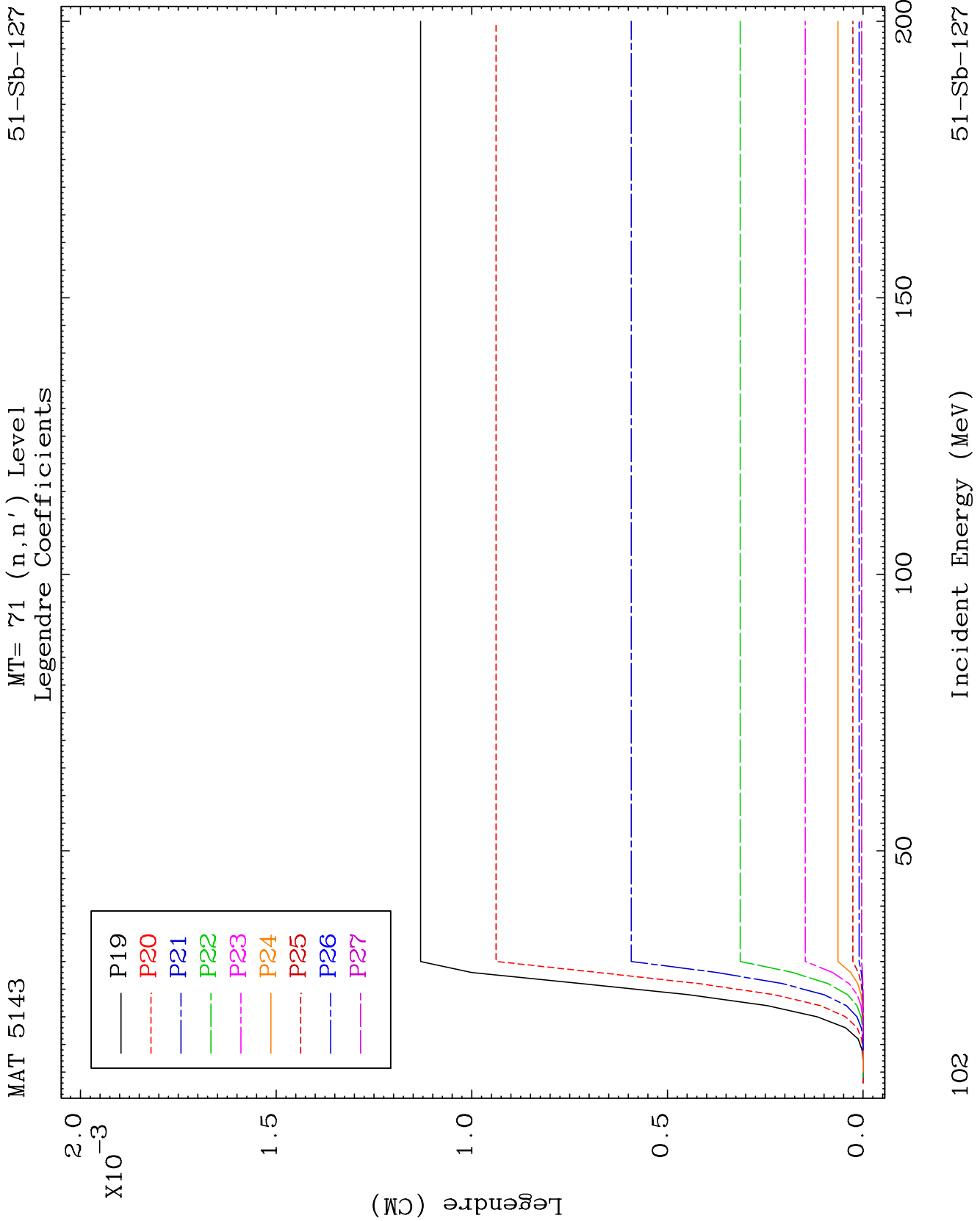


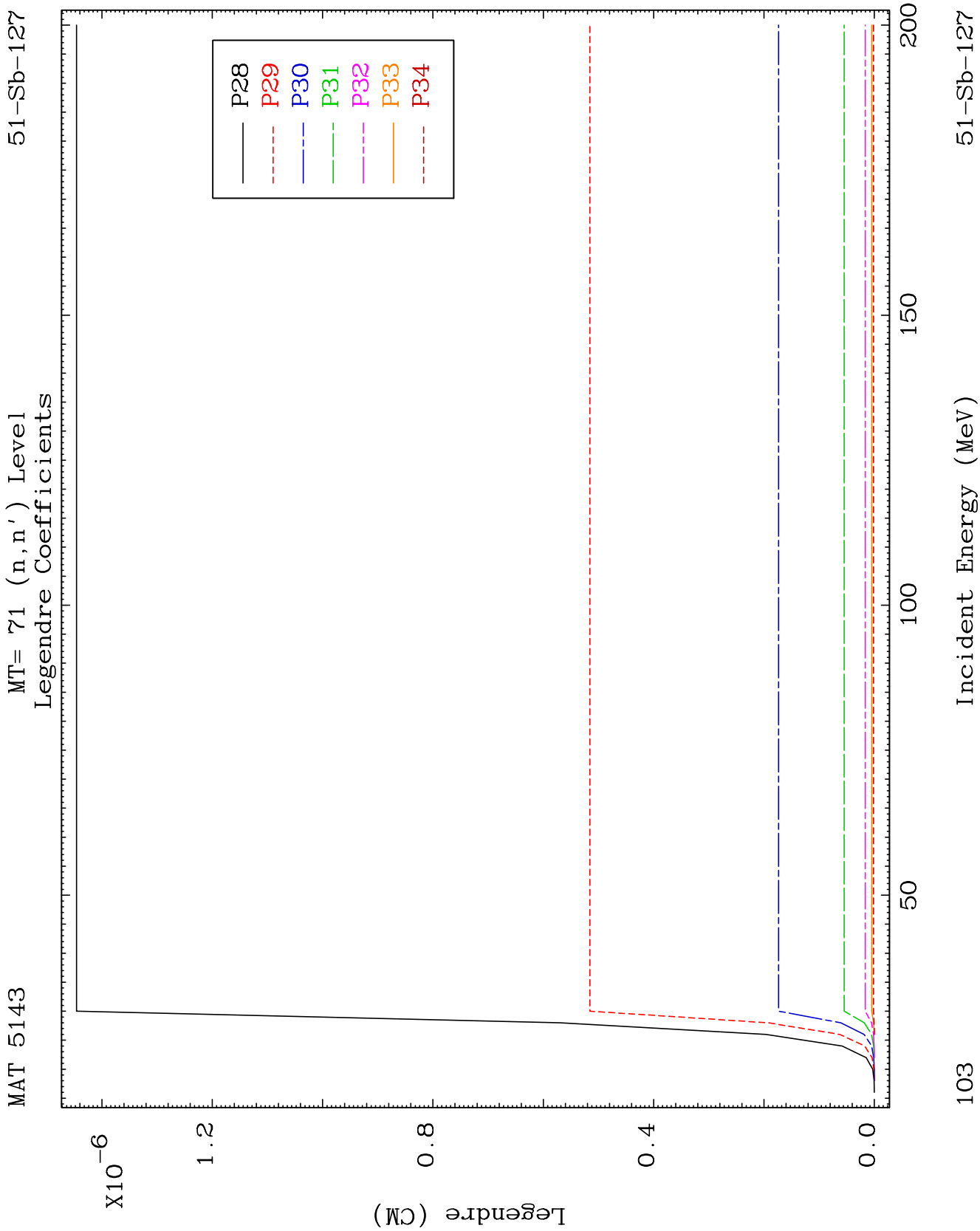
MAT 5143

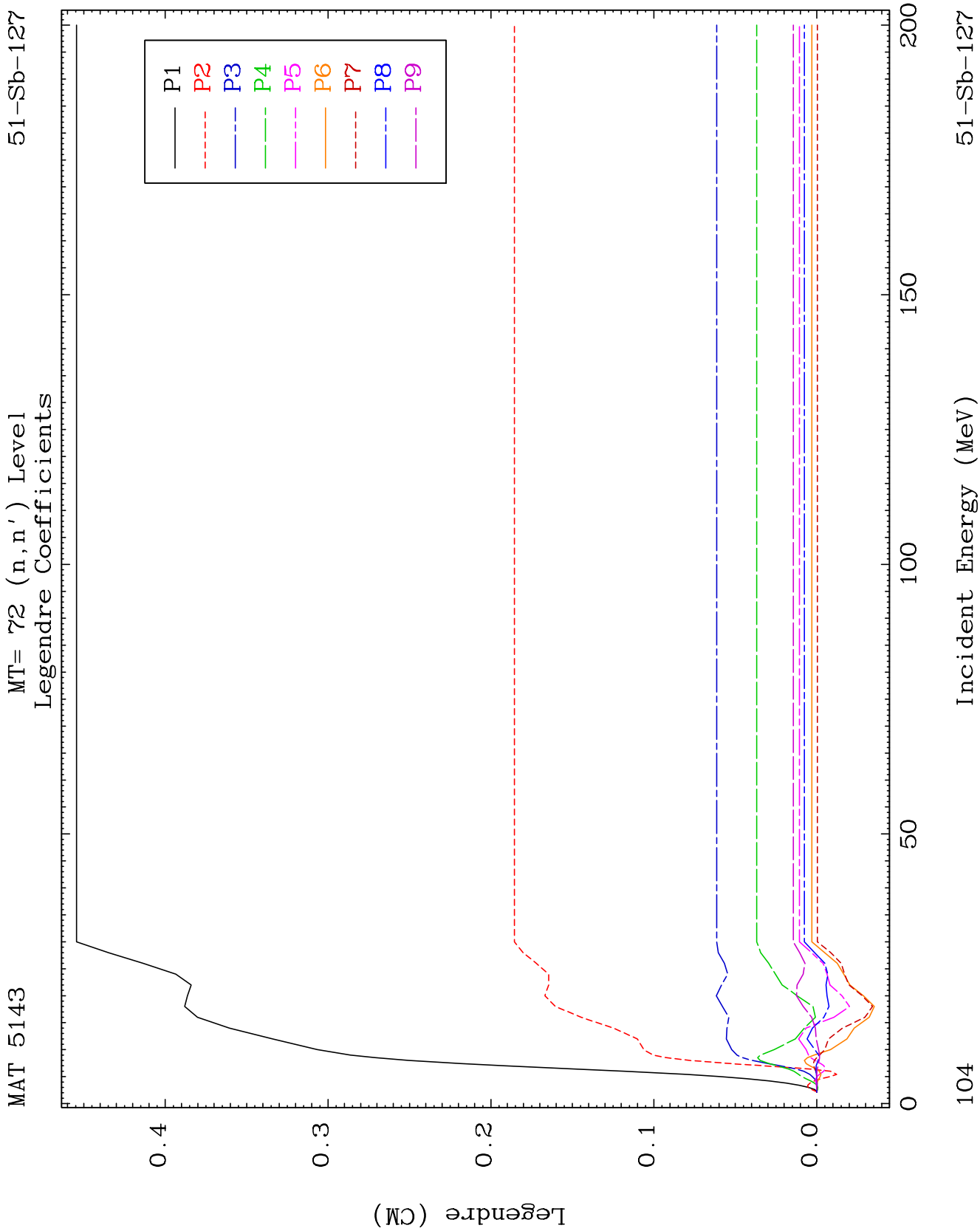
MT= 71 (n, n') Level
Legendre Coefficients

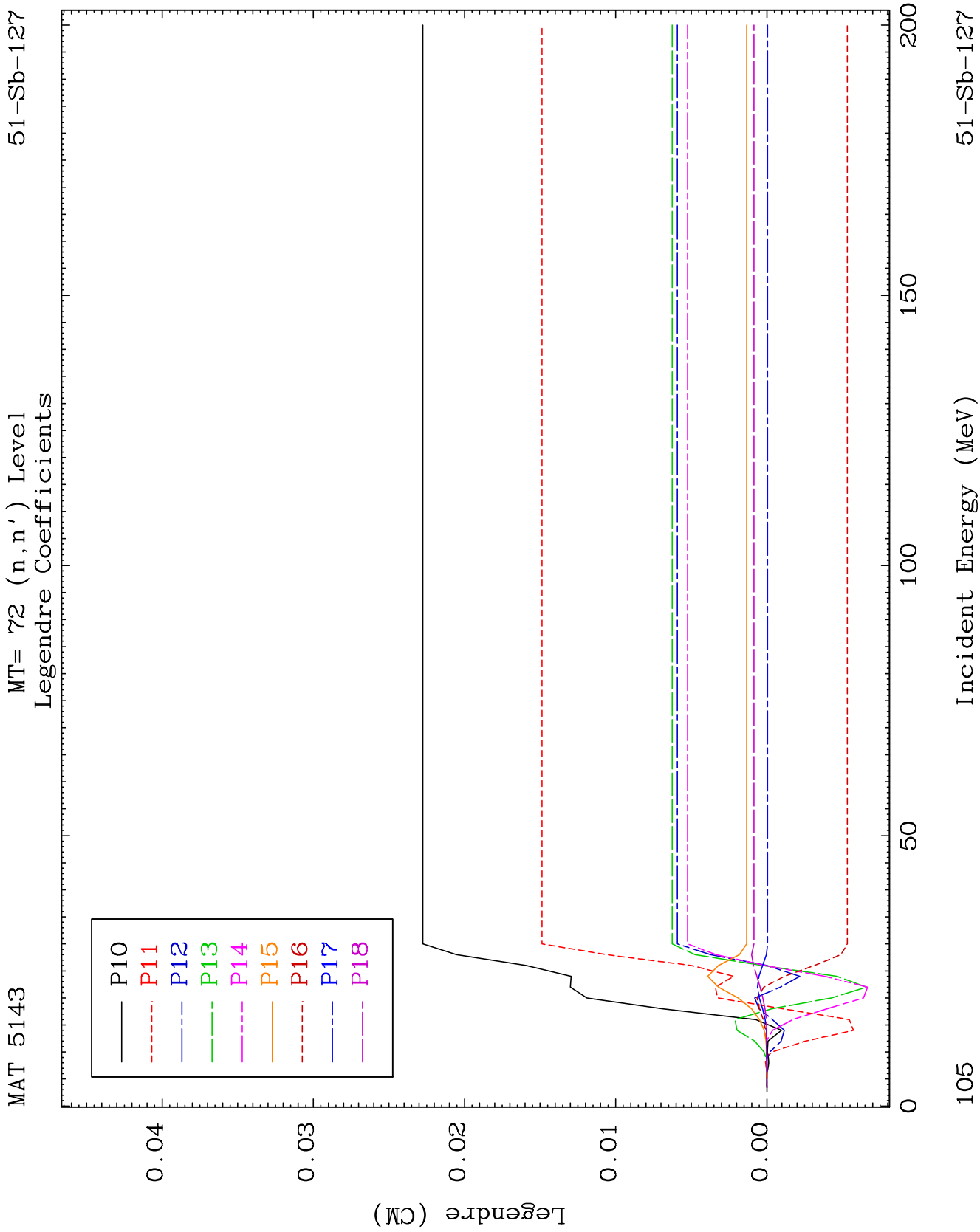
51-Sb-127







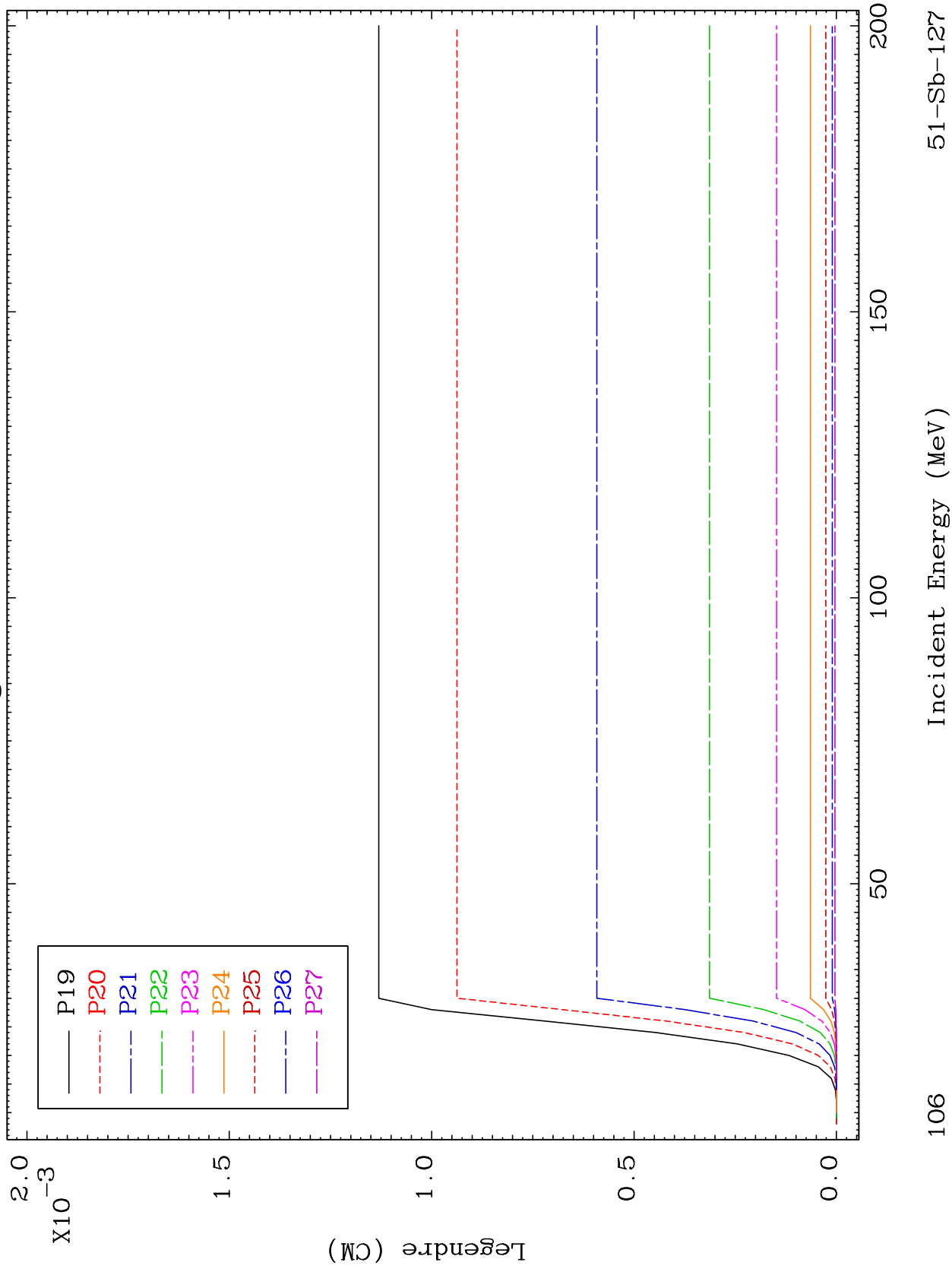


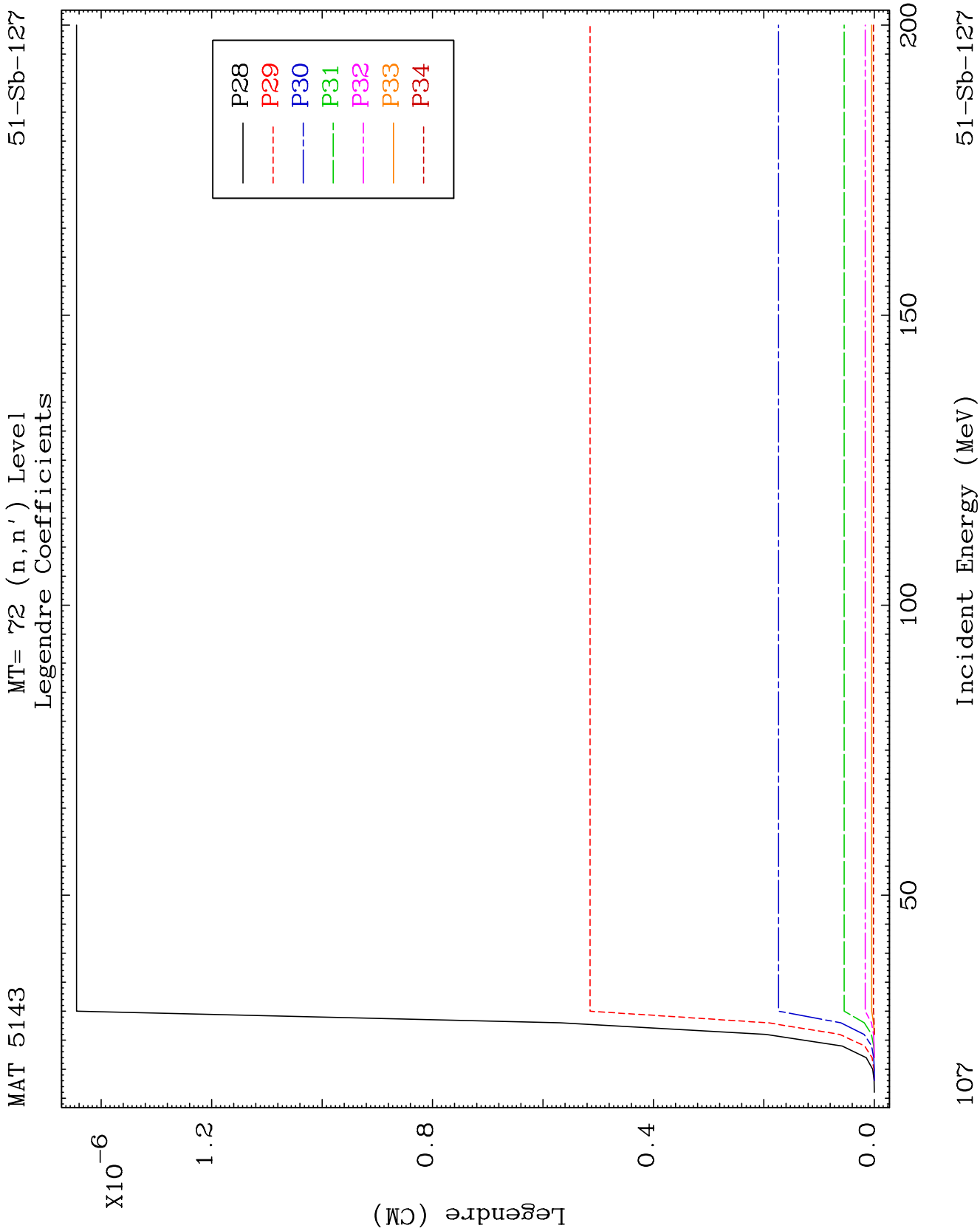


MAT 5143

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

51-Sb-127

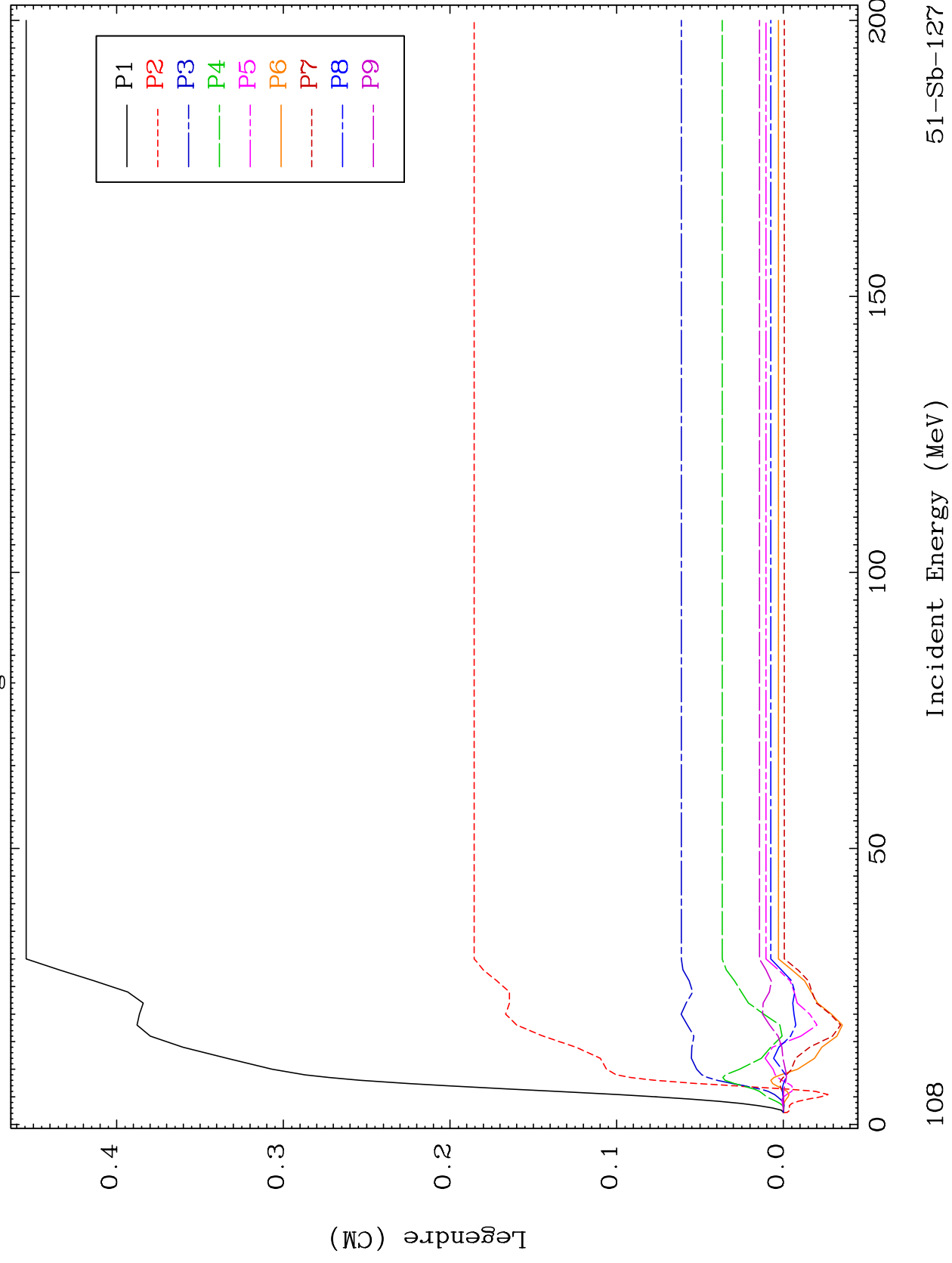


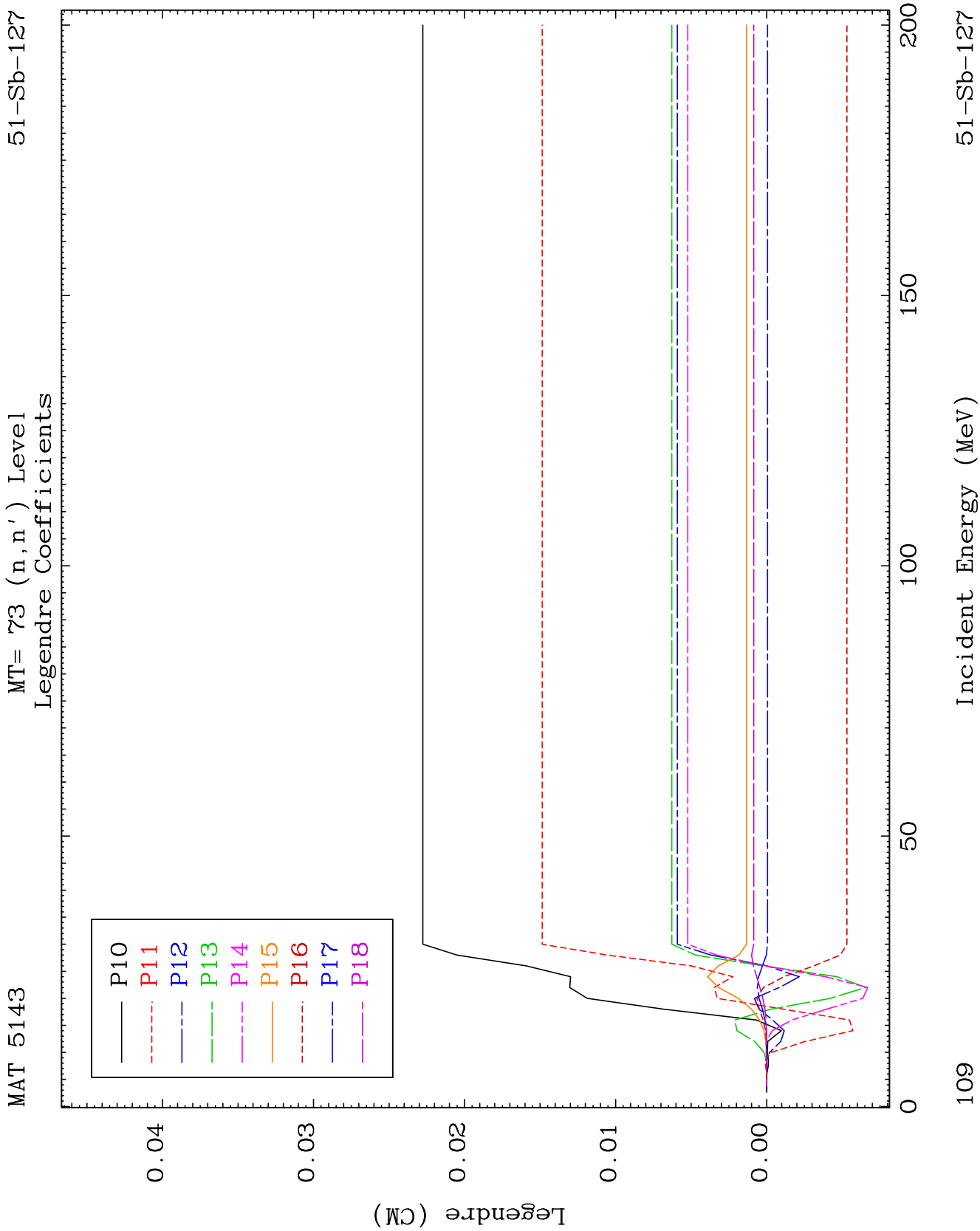


MAT 5143

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

51-Sb-127

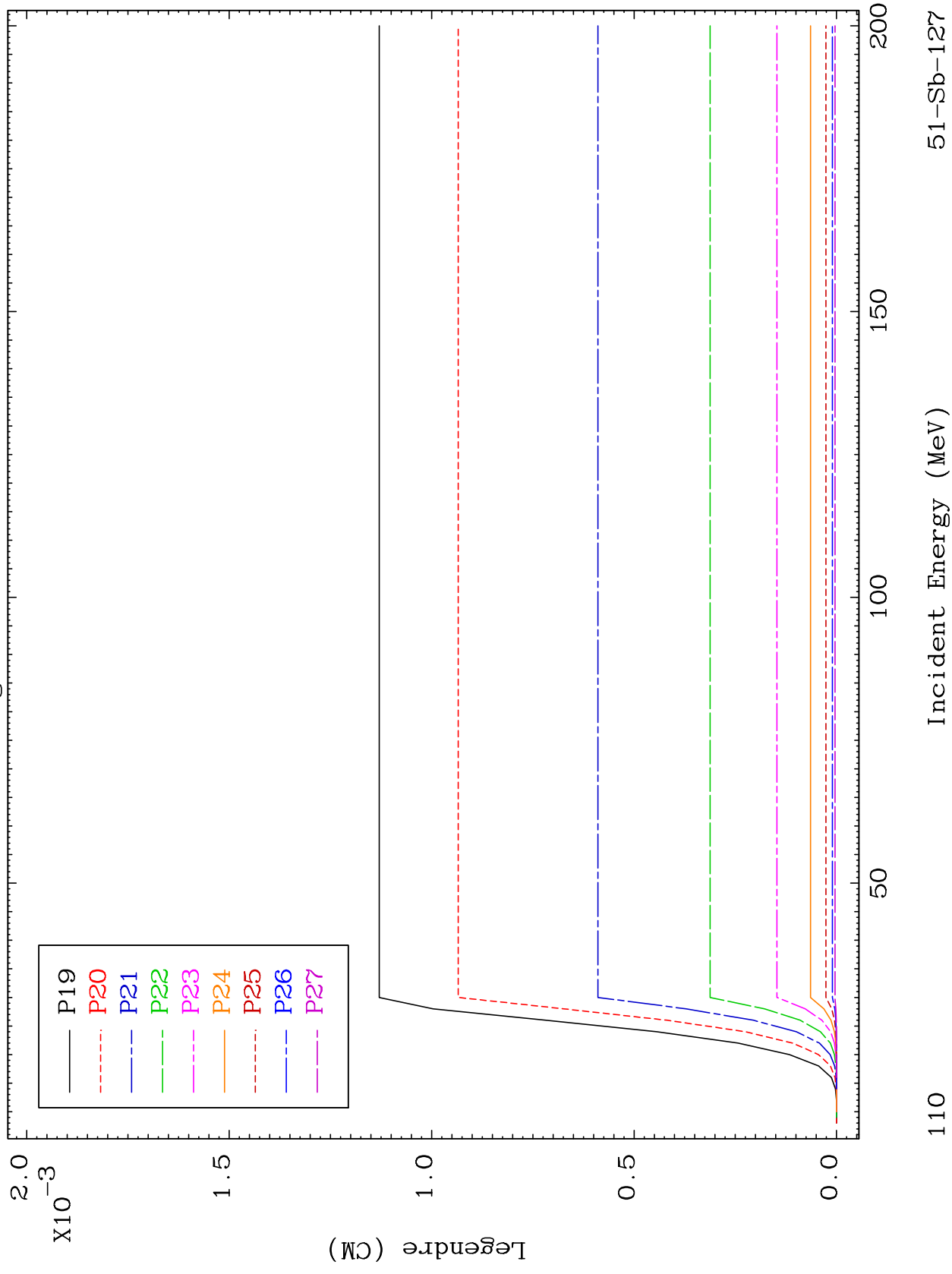


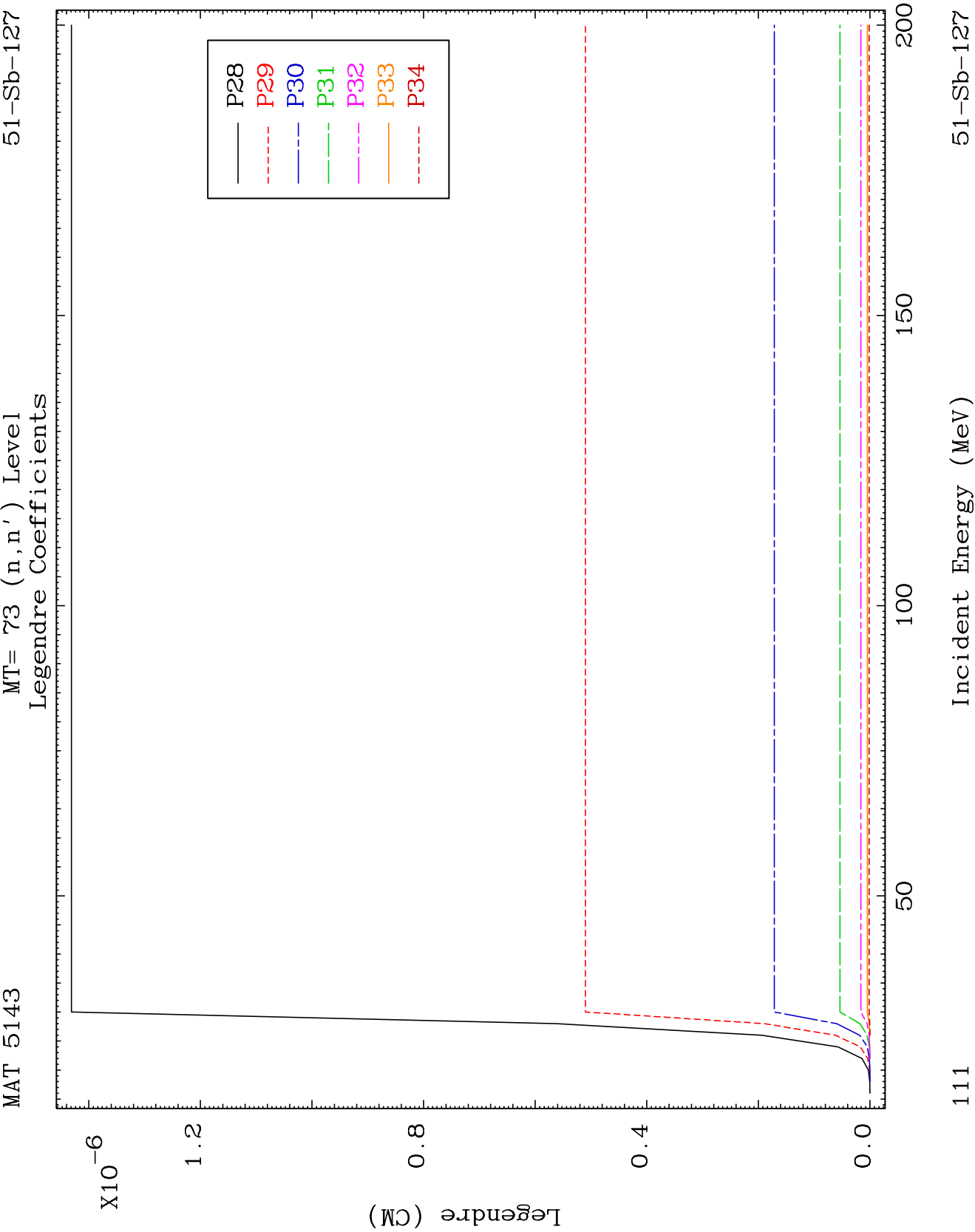


MAT 5143

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

51-Sb-127

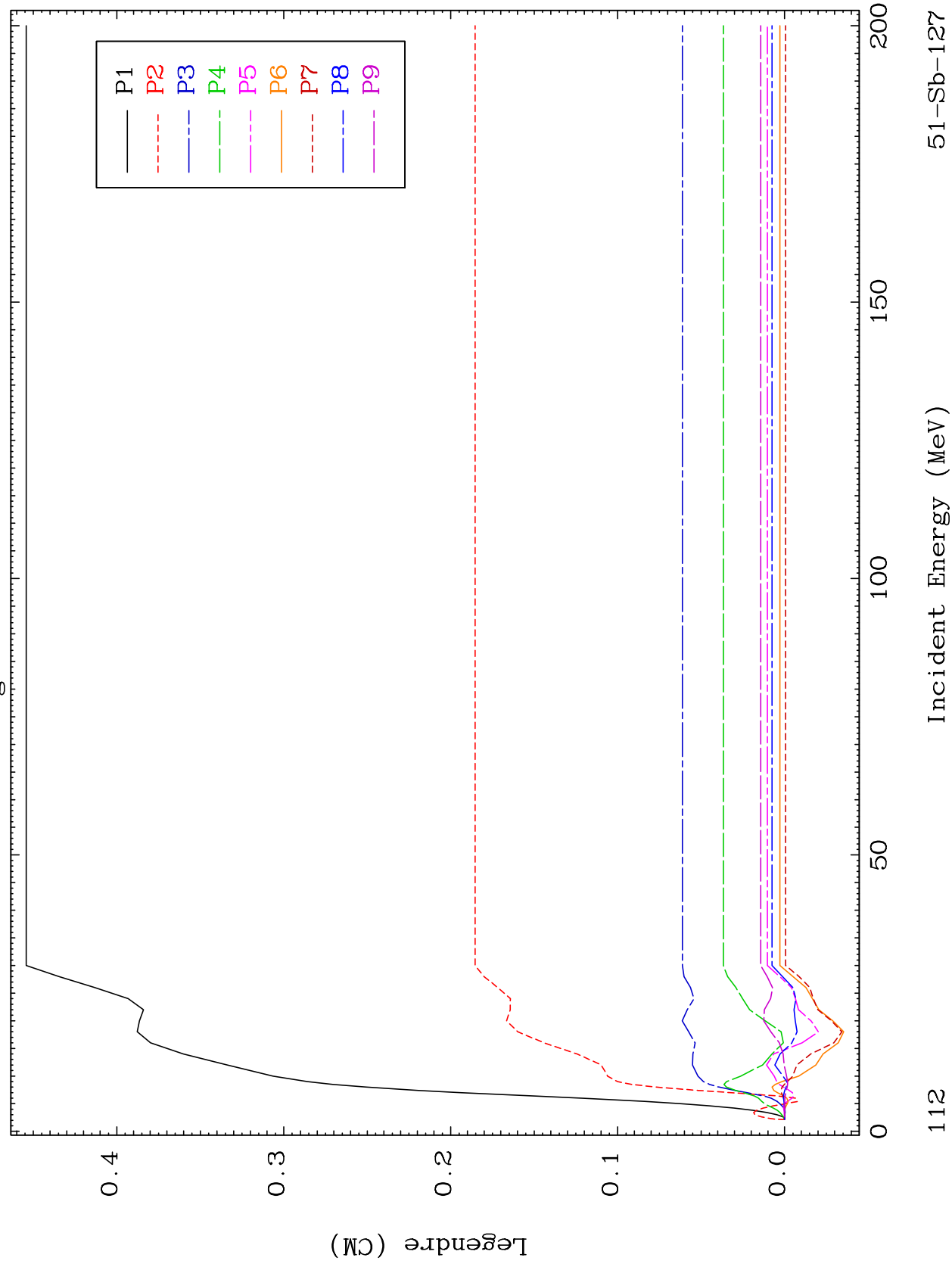




MAT 5143

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

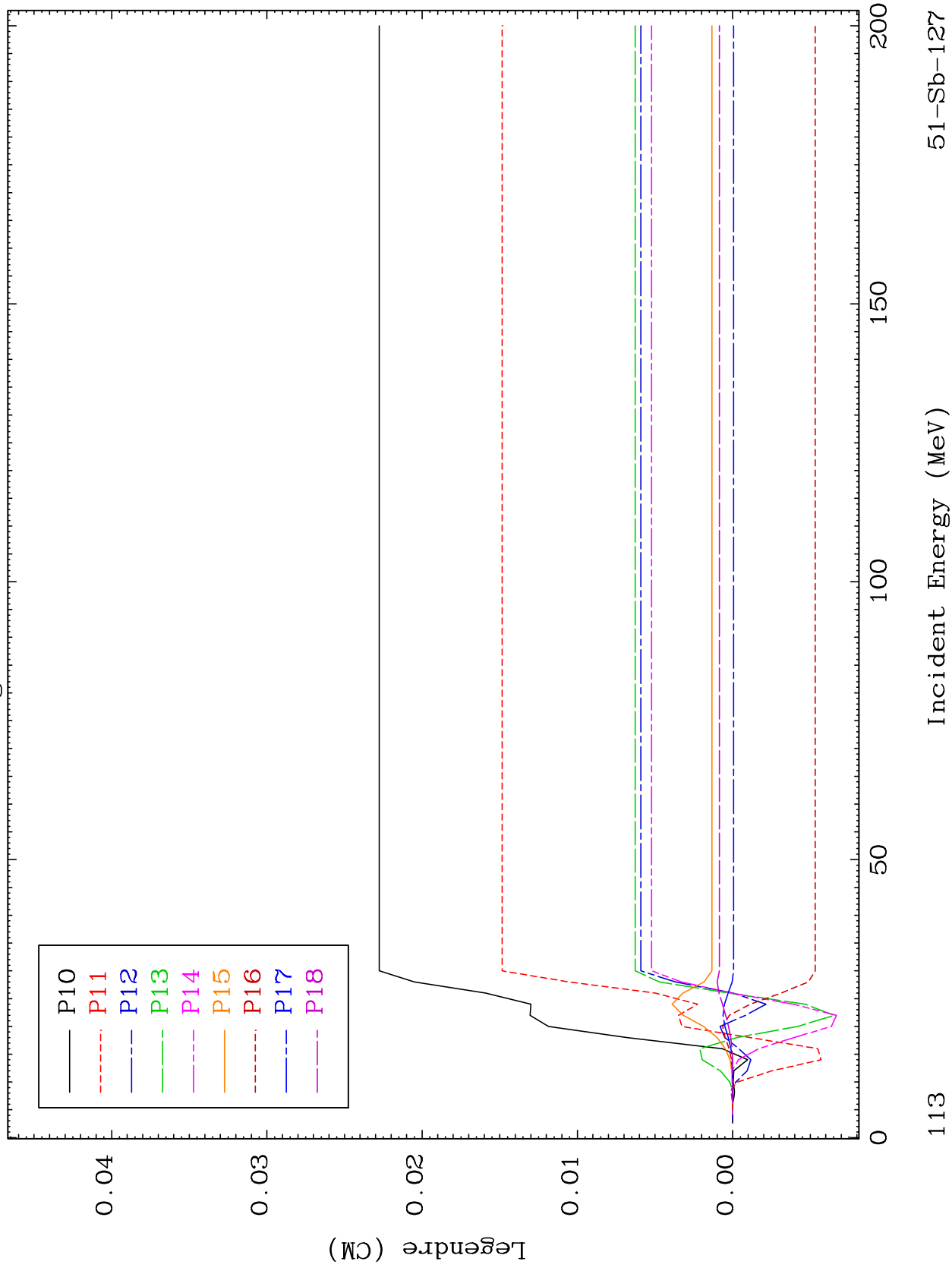
51-Sb-127



MAT 5143

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

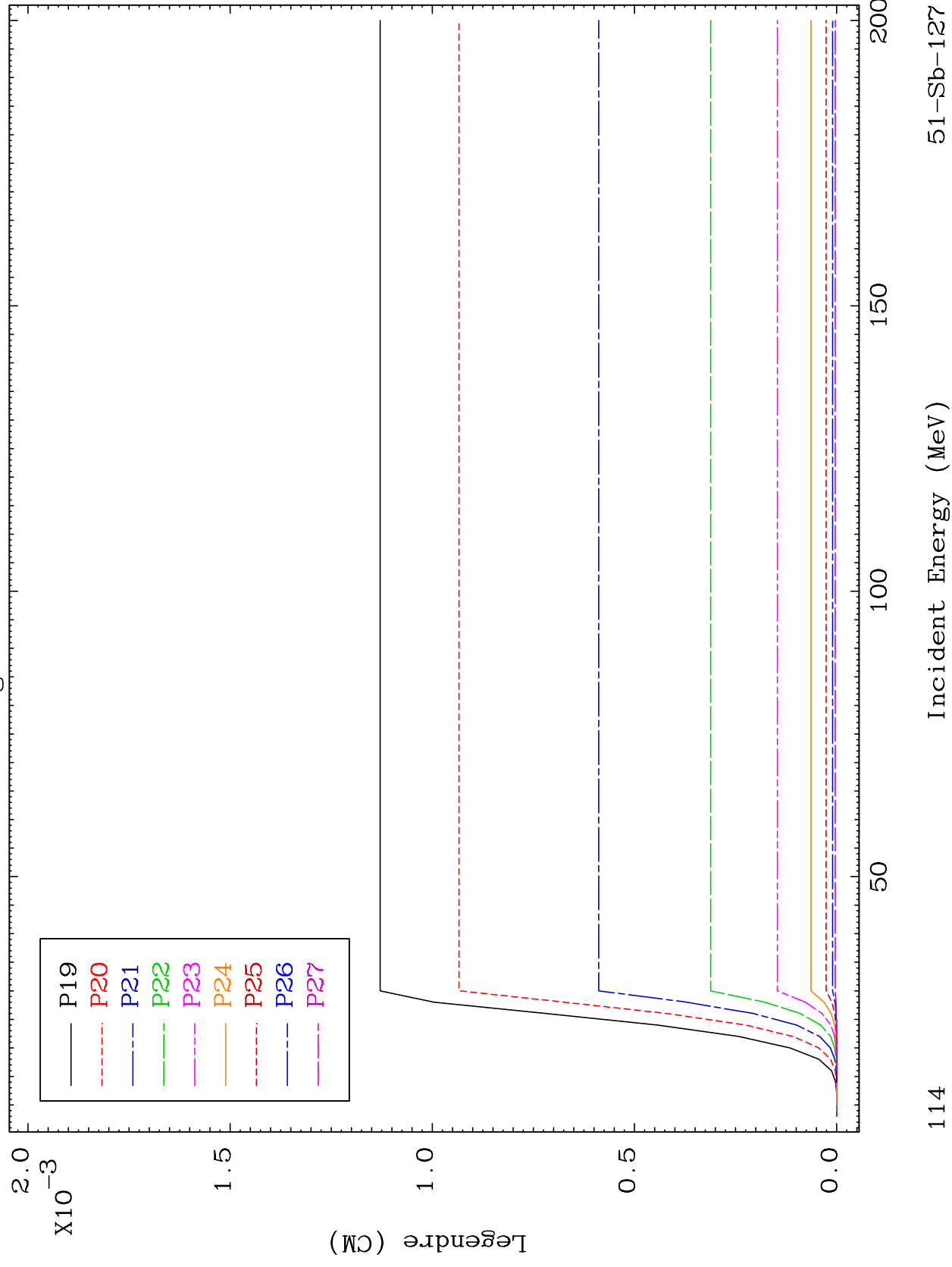
51-Sb-127

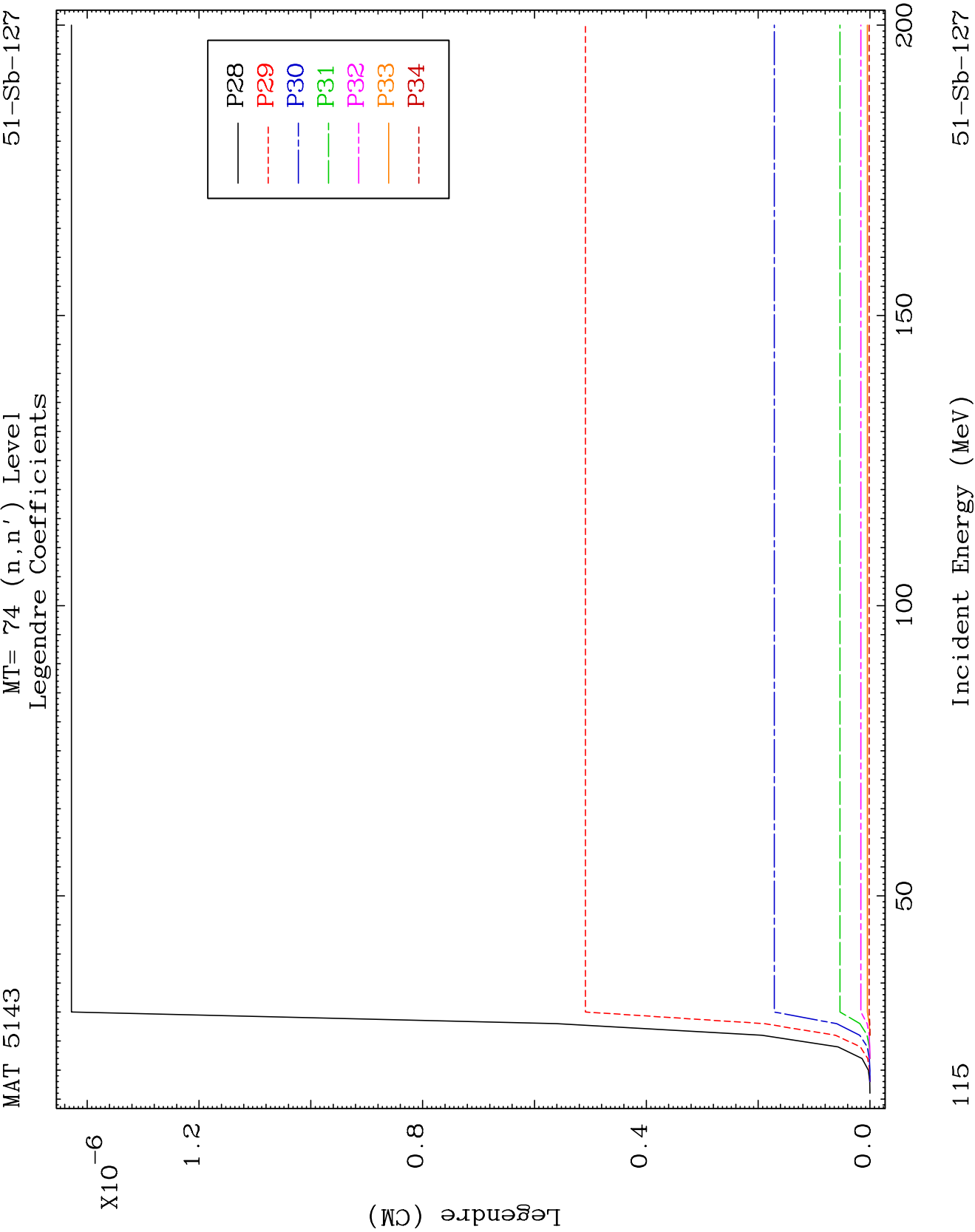


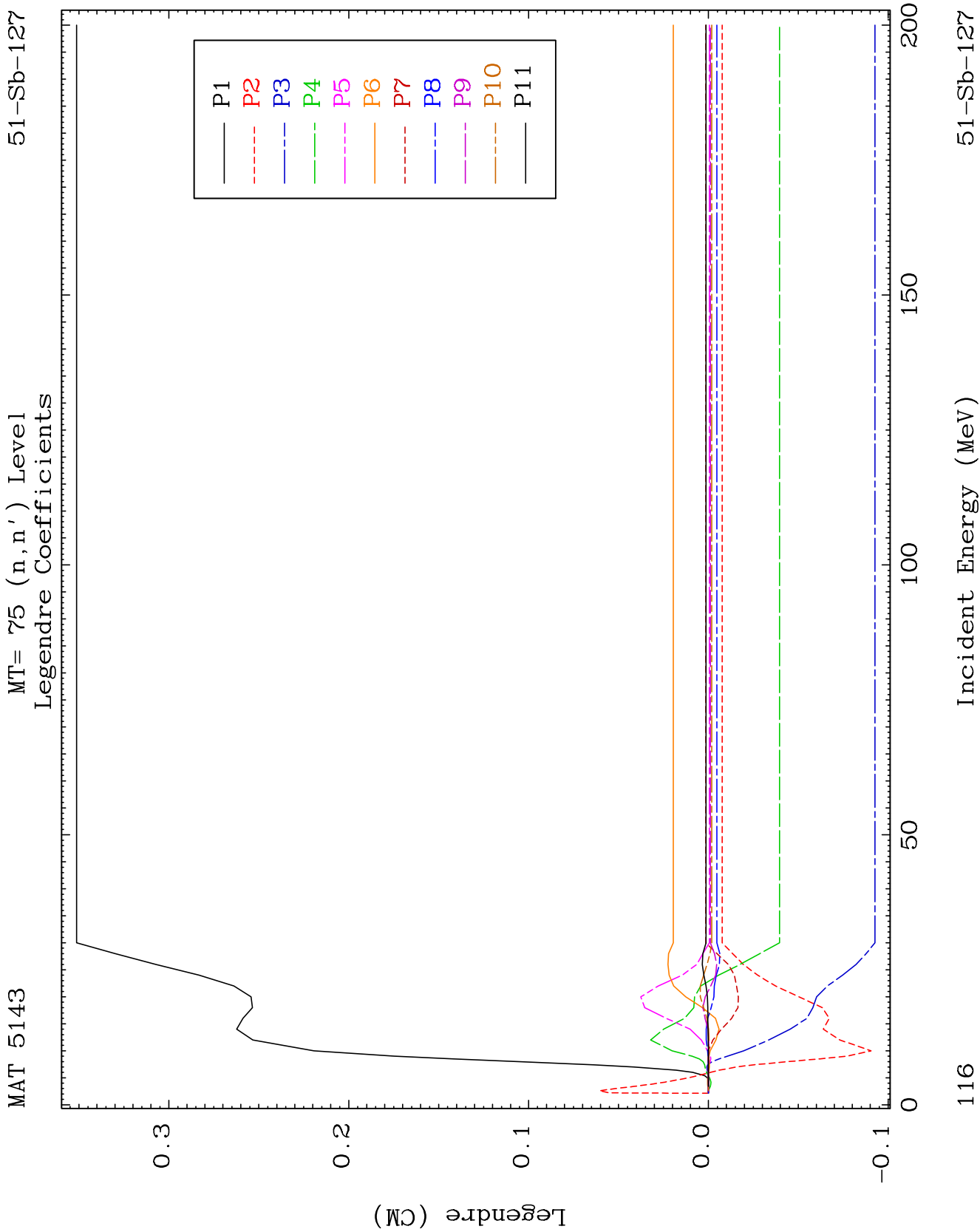
MAT 5143

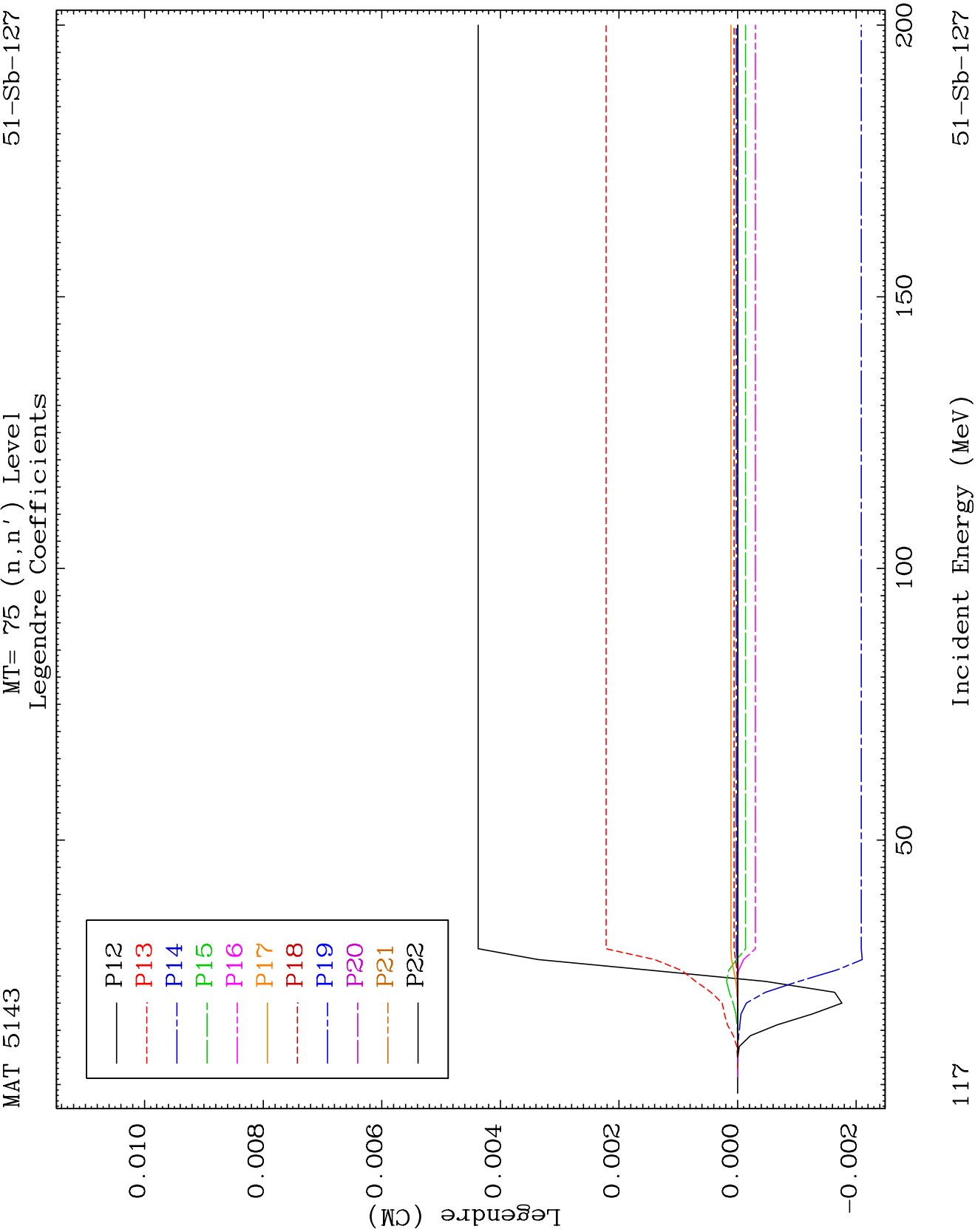
MT= 74 (n, n') Level
Legendre Coefficients

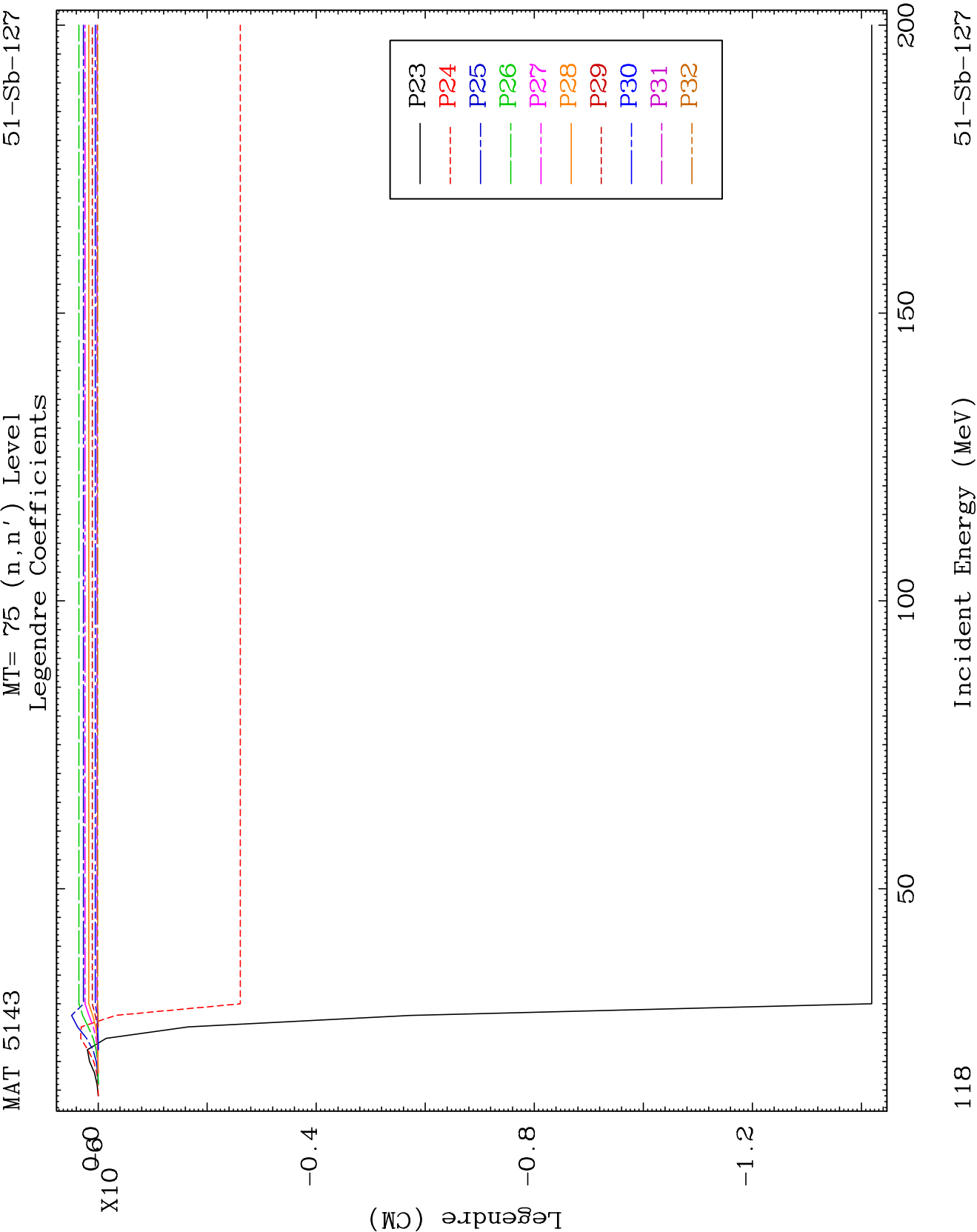
51-Sb-127







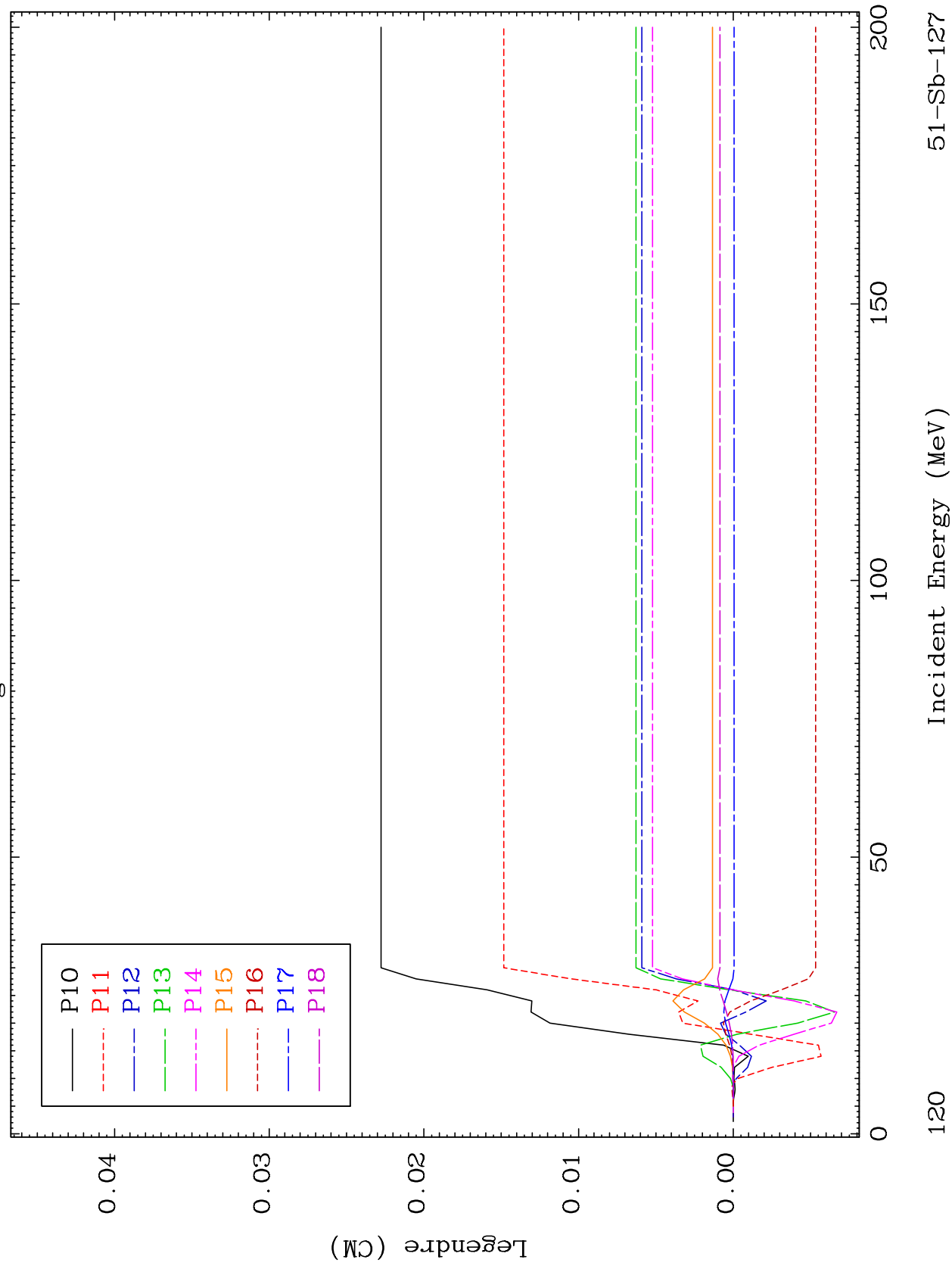


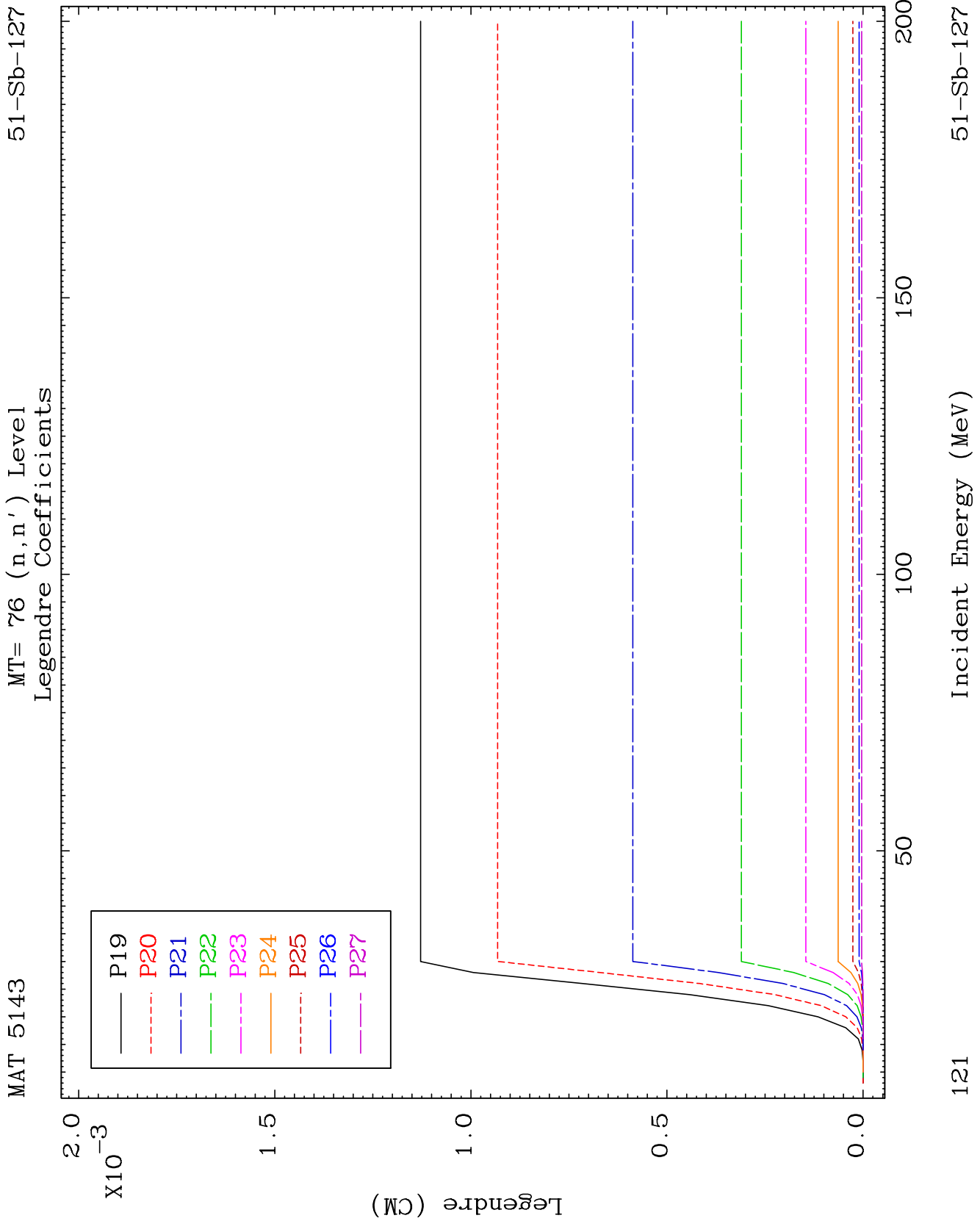


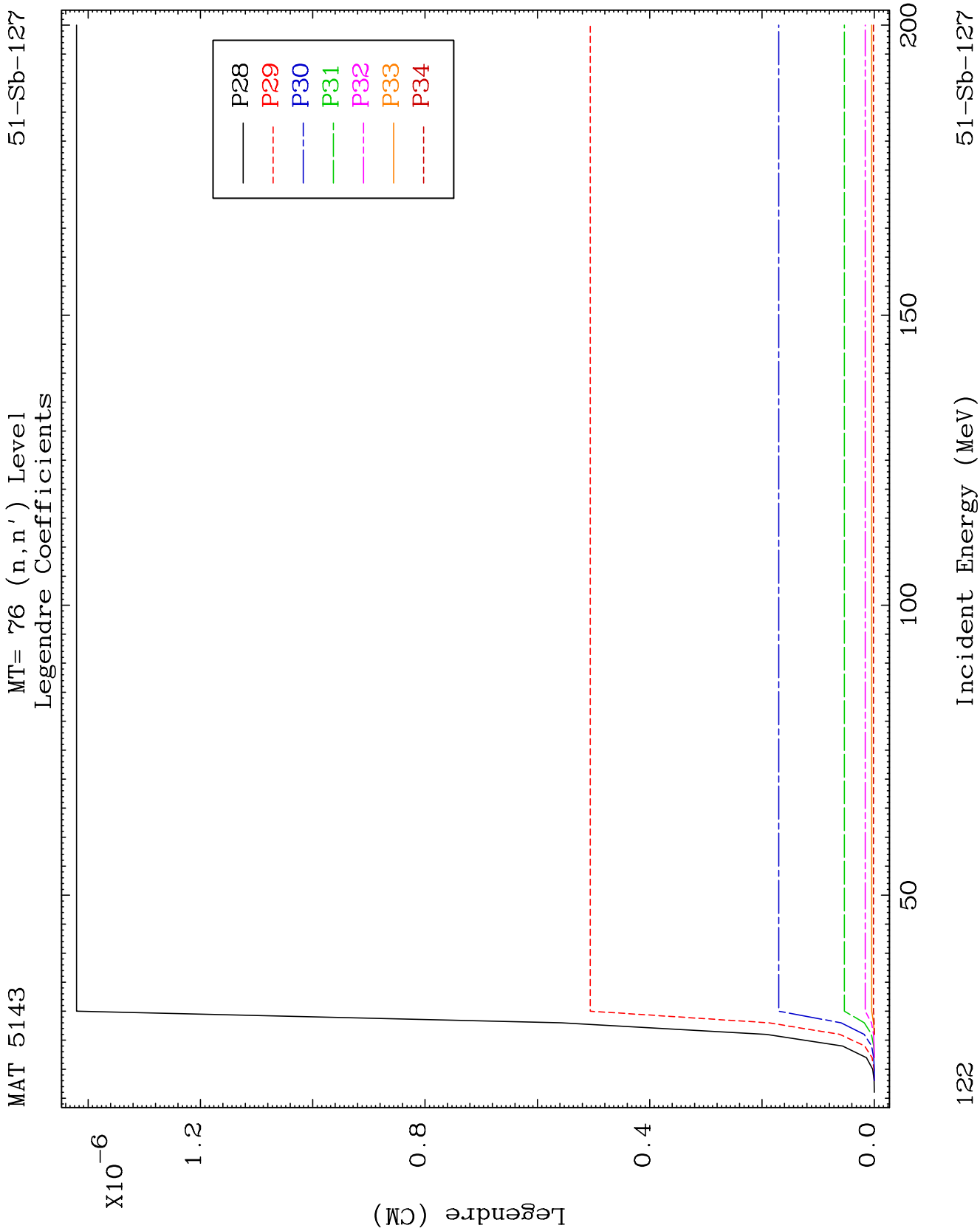
MAT 5143

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

51-Sb-127



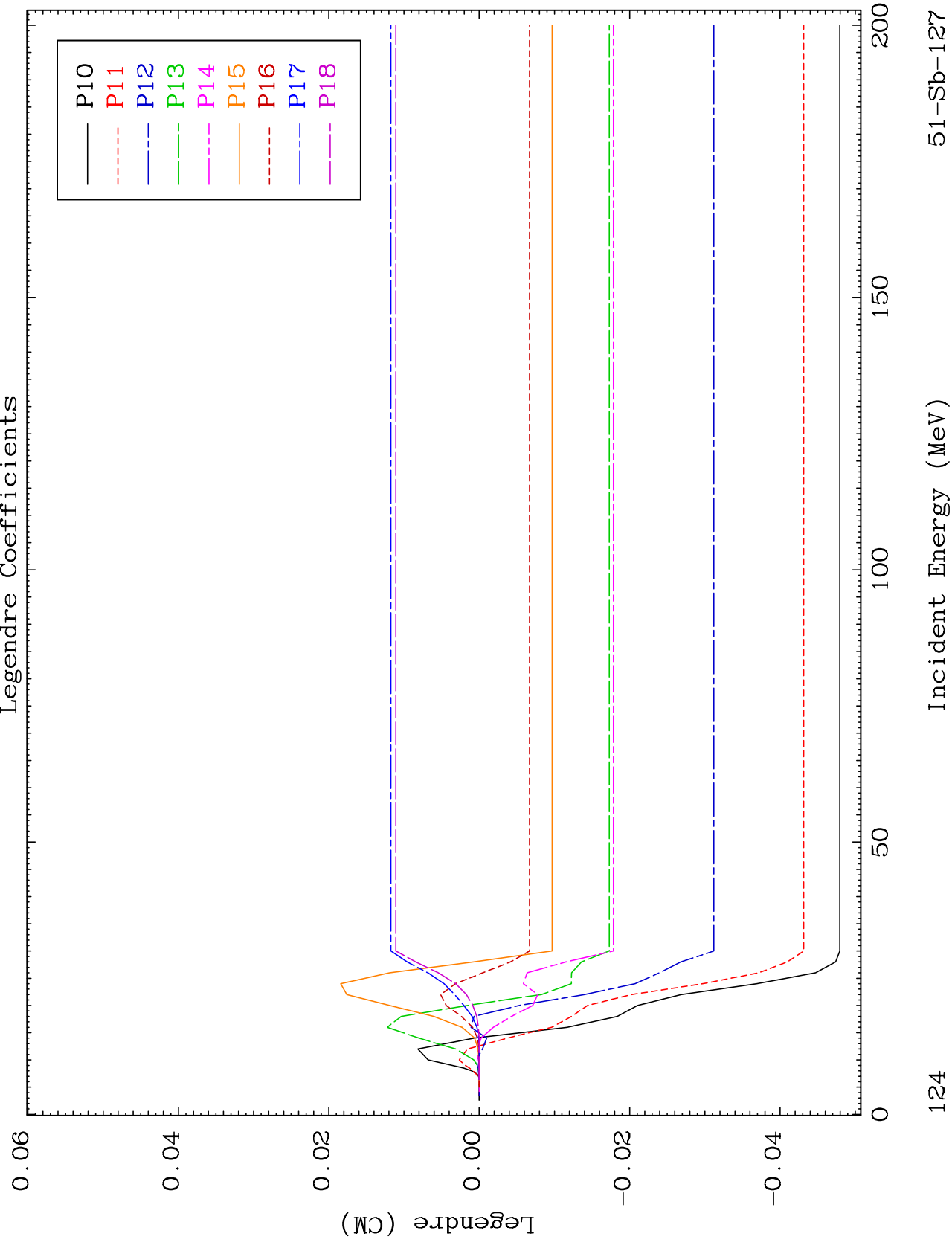




MAT 5143

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

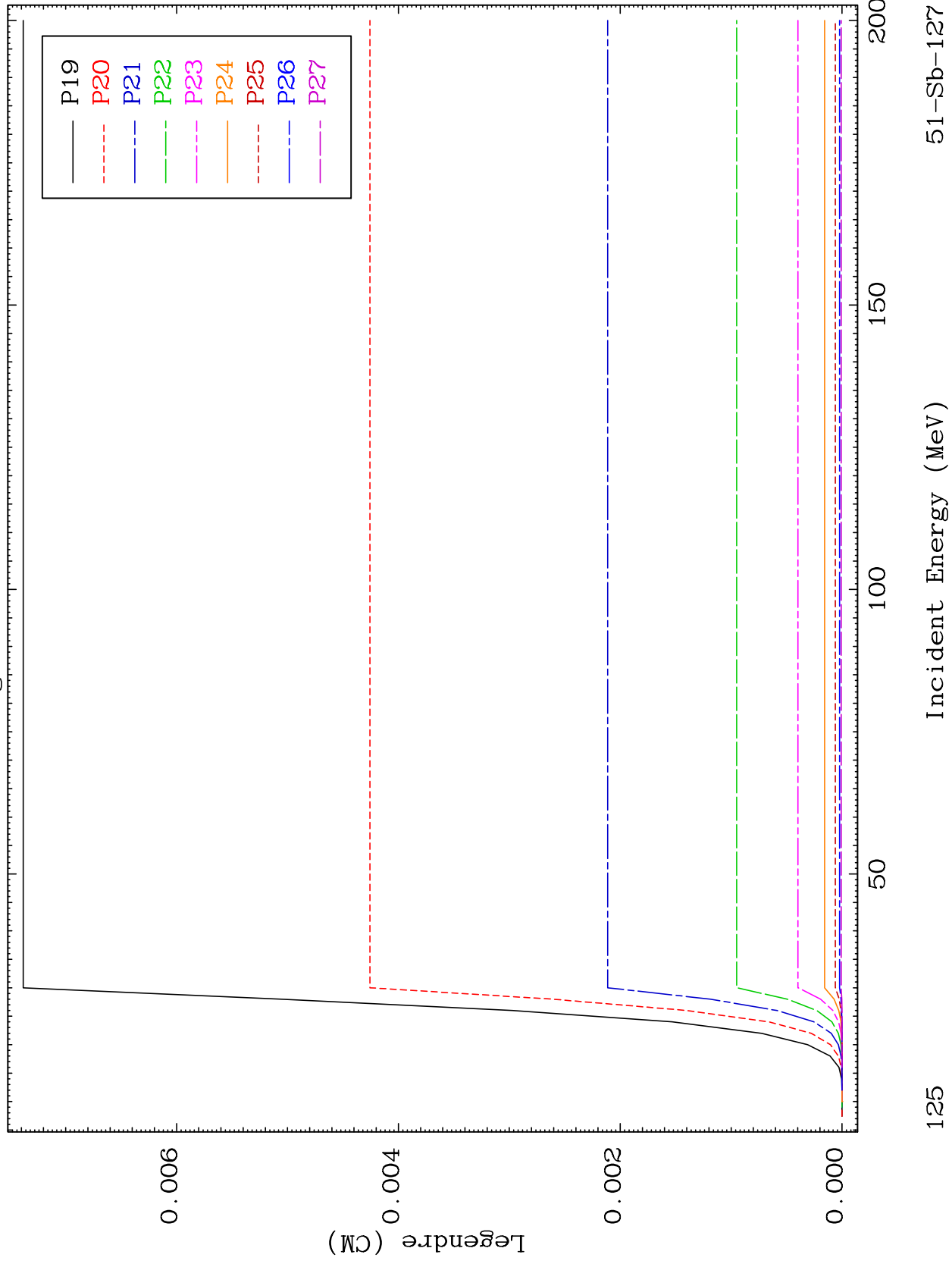
51-Sb-127

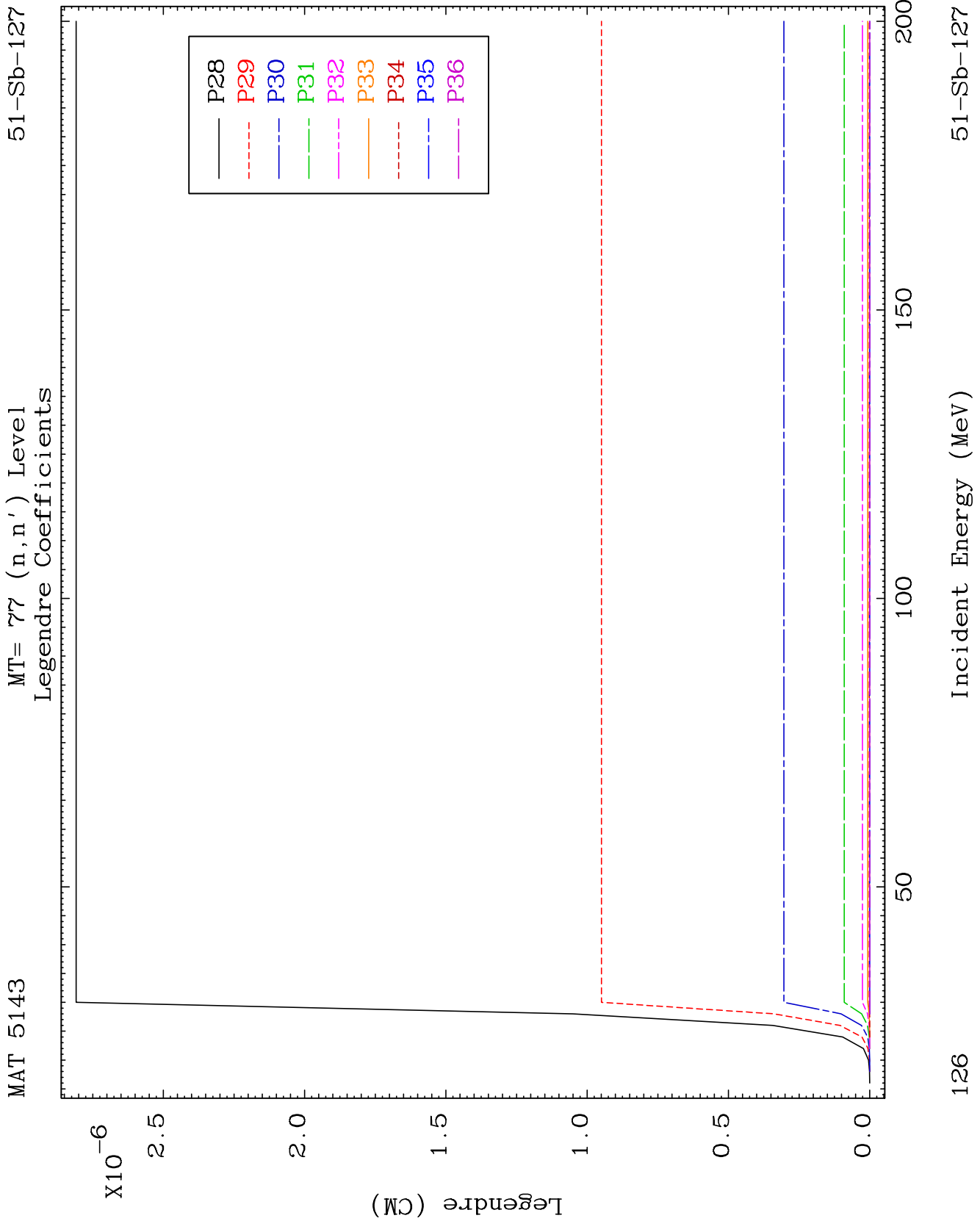


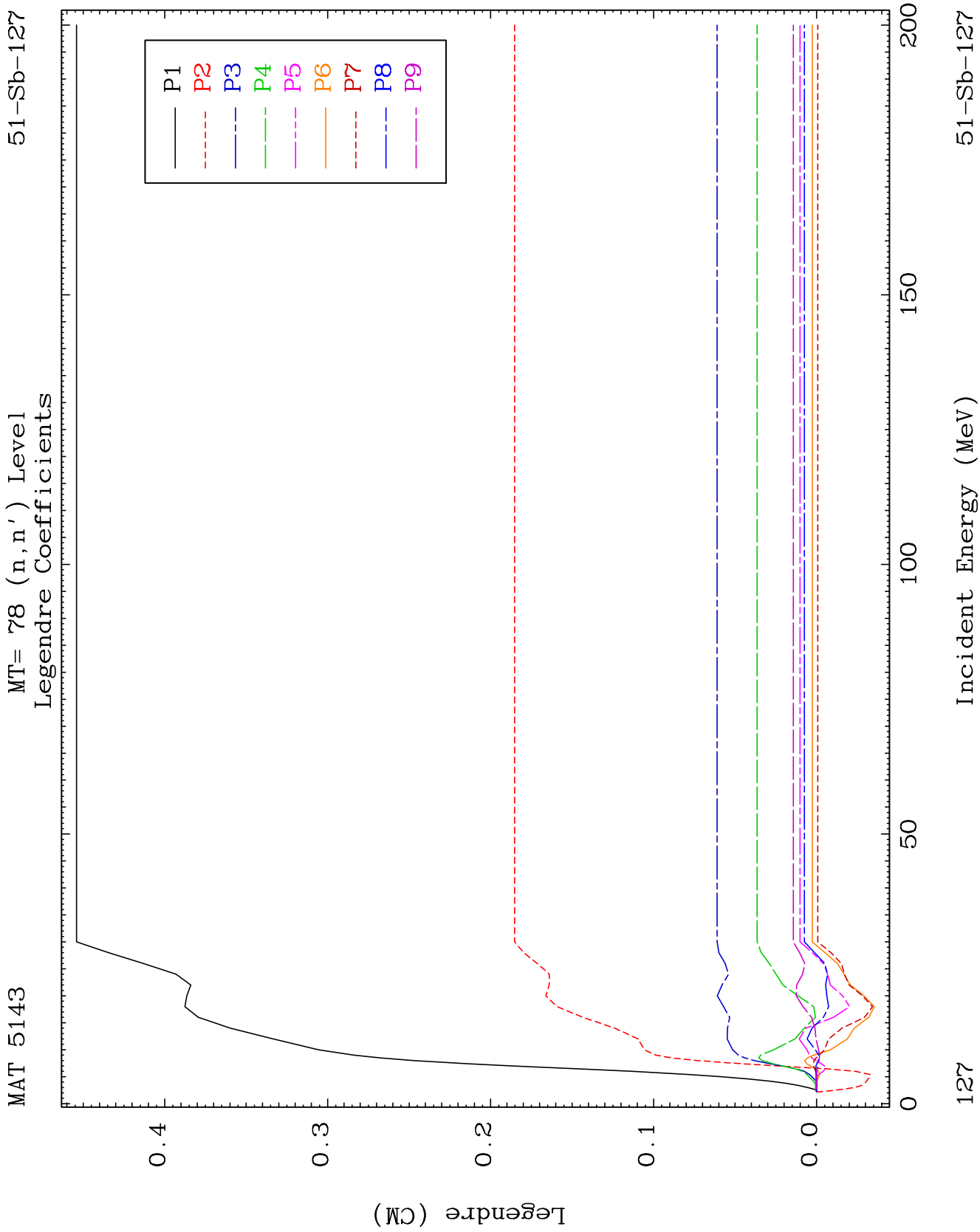
MAT 5143

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

51-Sb-127



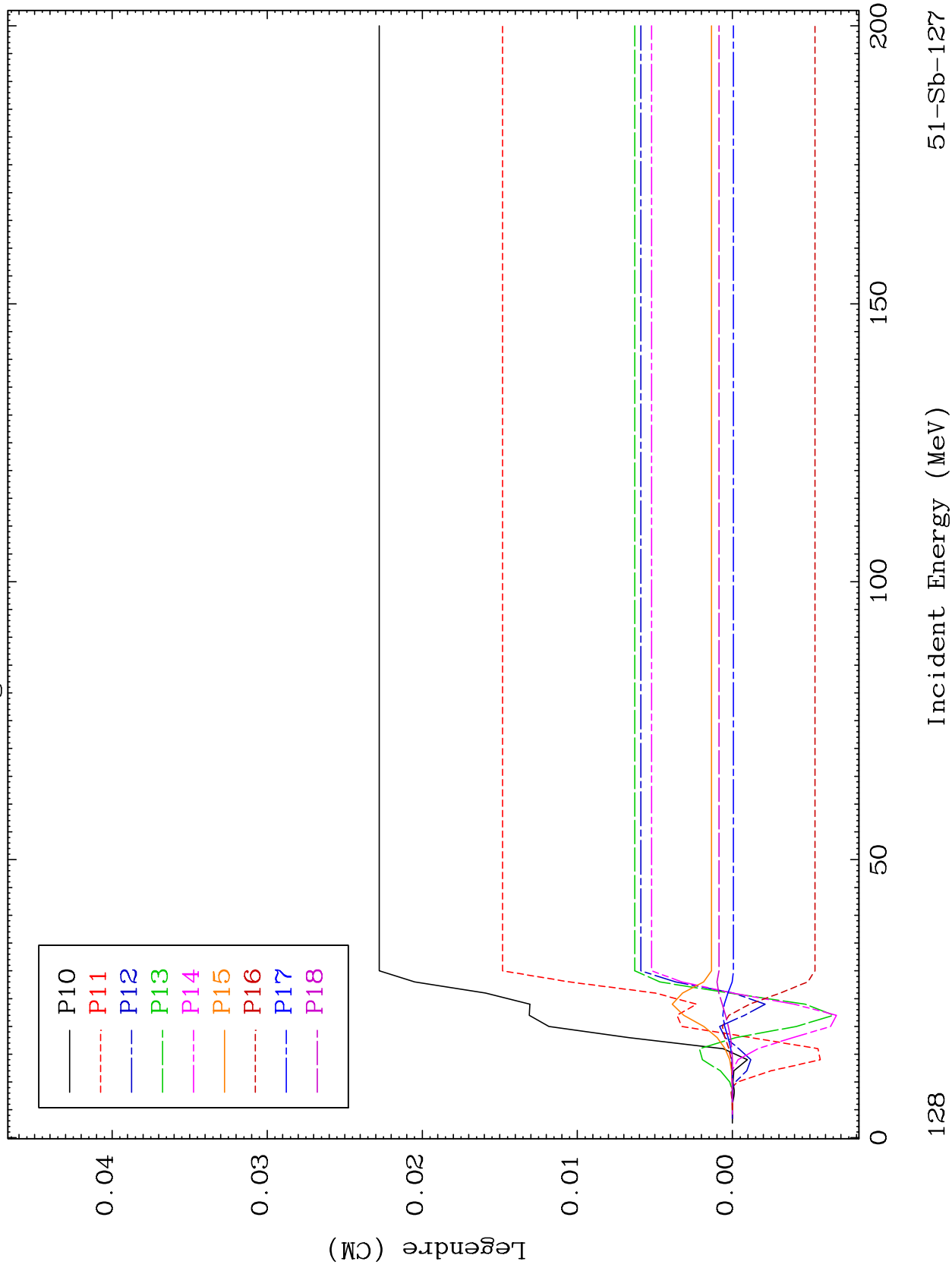




MAT 5143

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

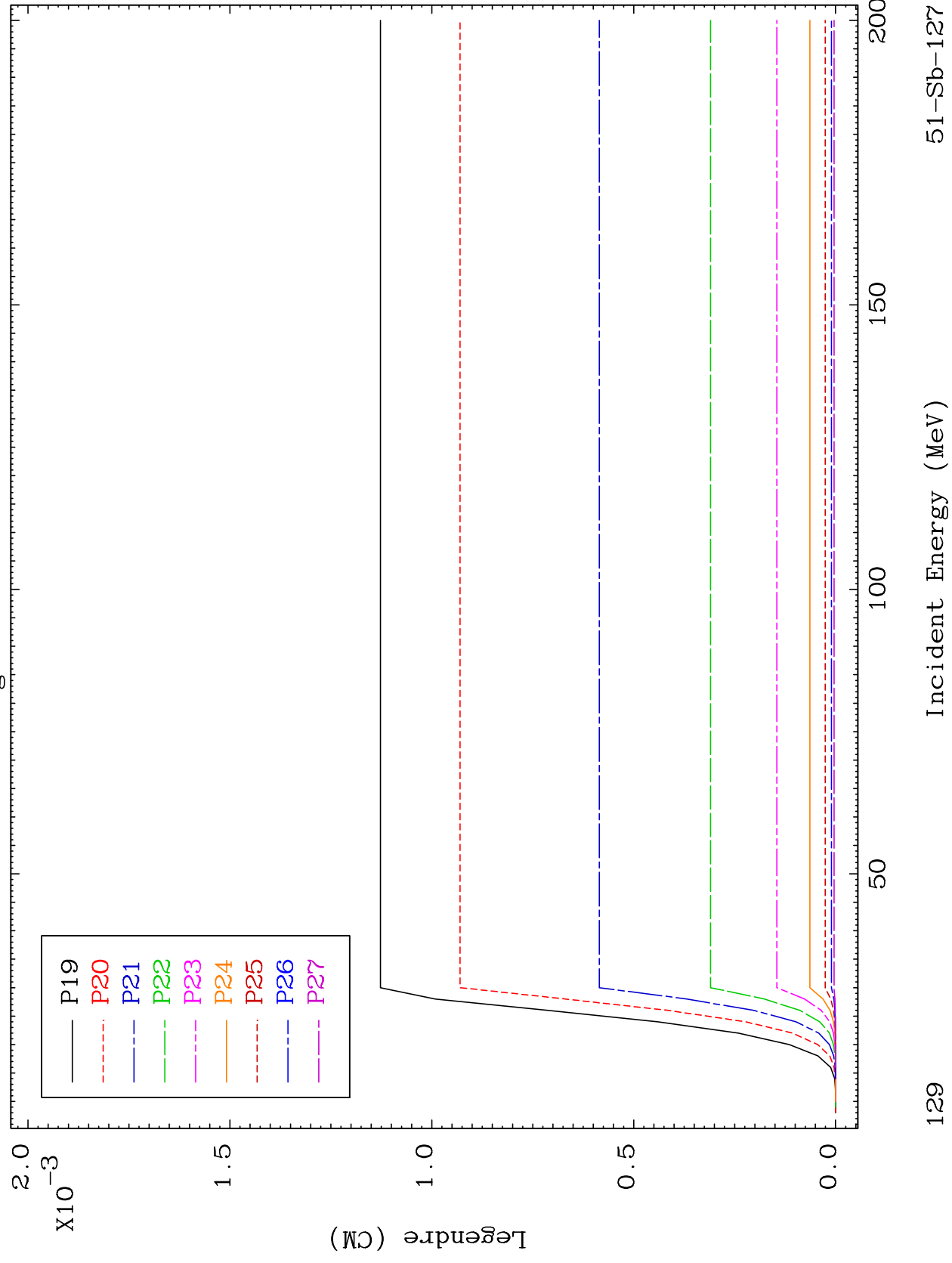
51-Sb-127

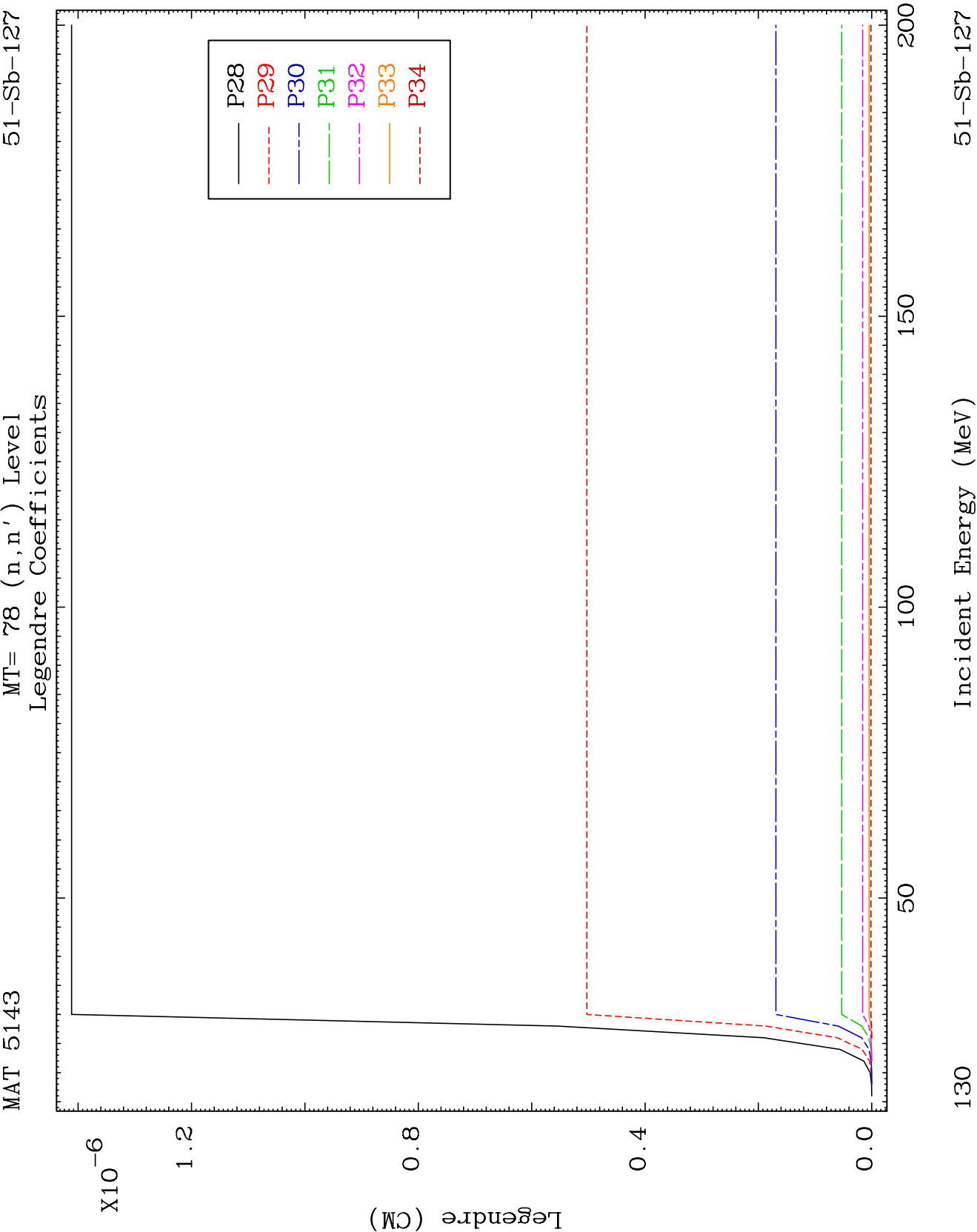


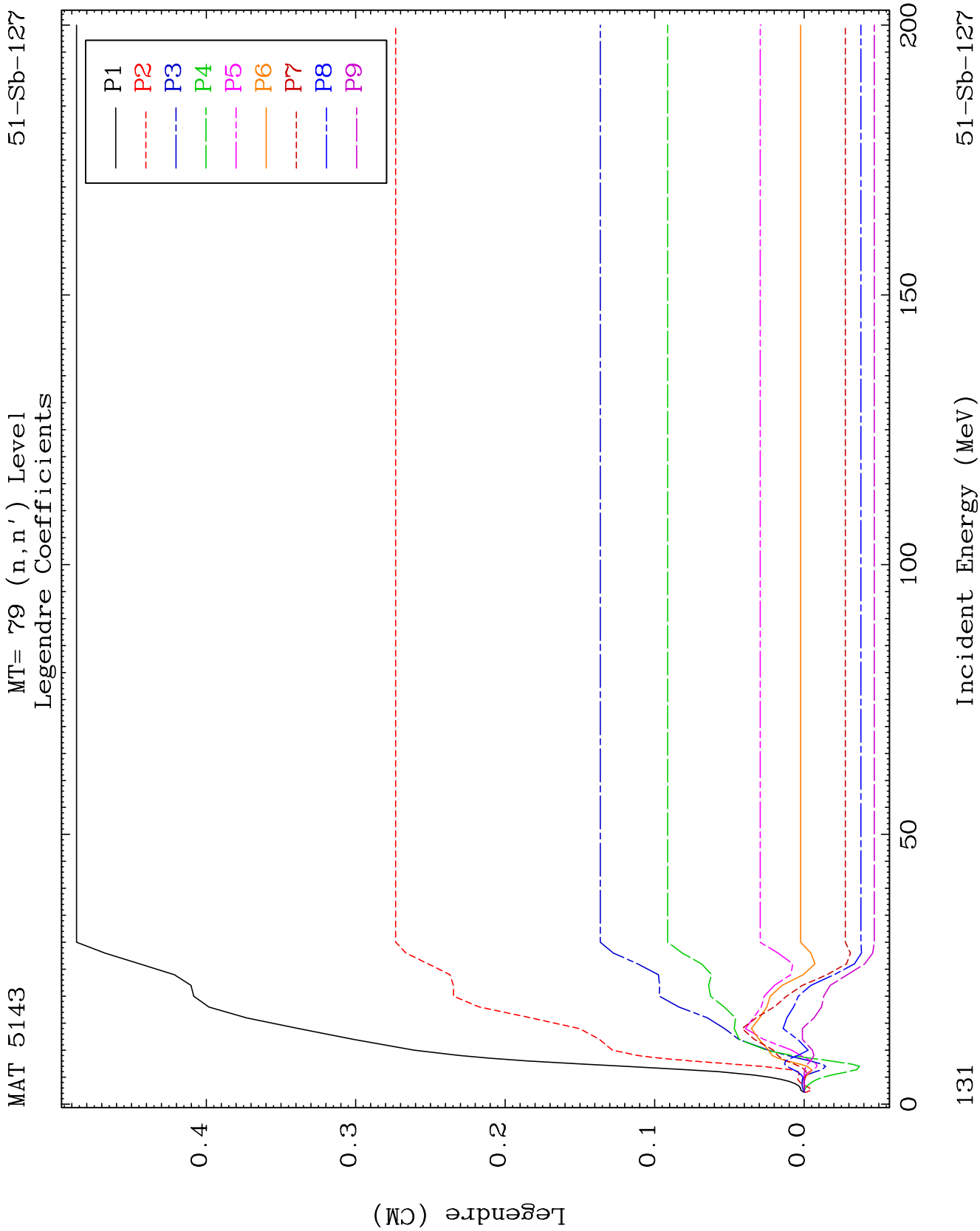
MAT 5143

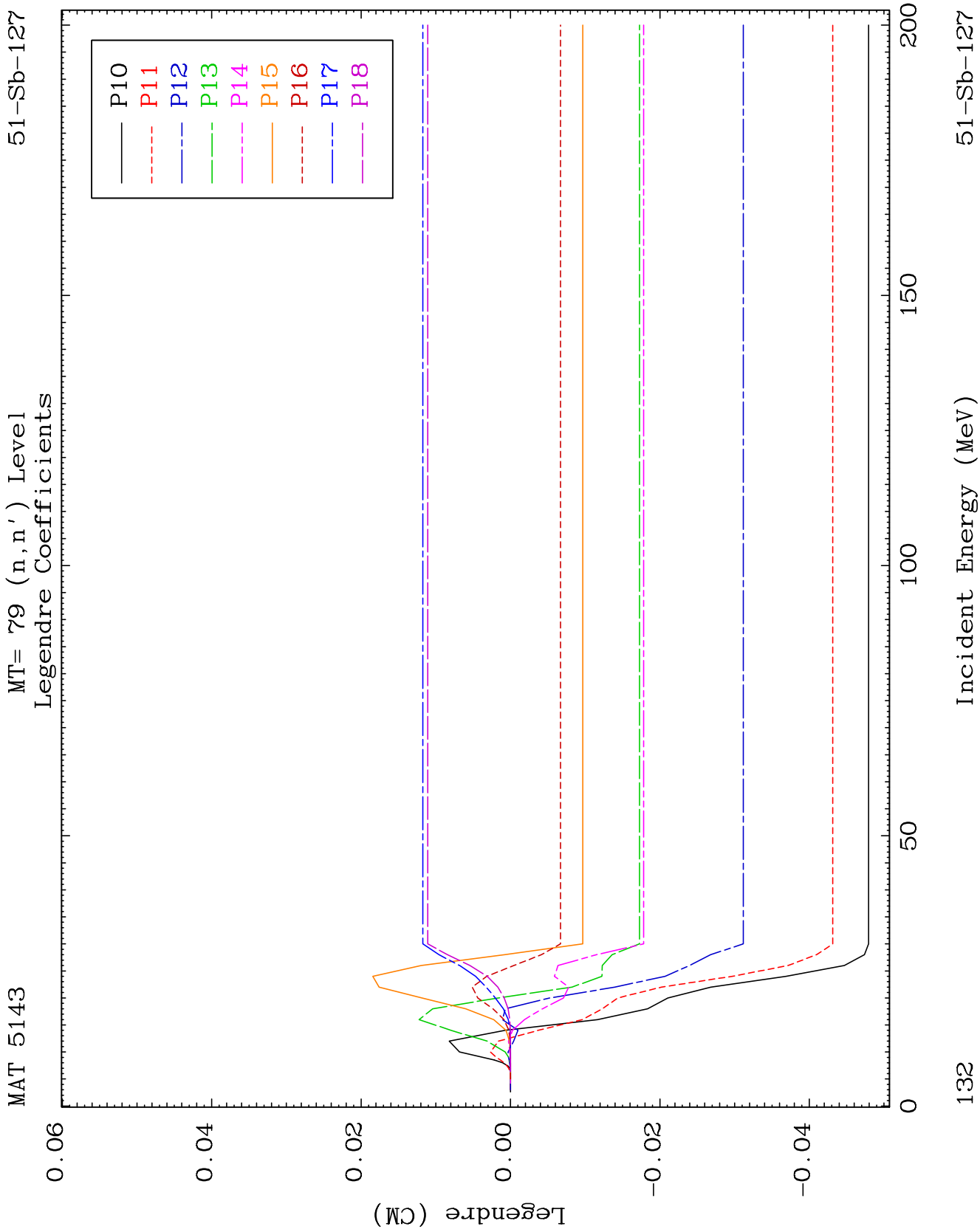
MT= 78 (n, n') Level
Legendre Coefficients

51-Sb-127





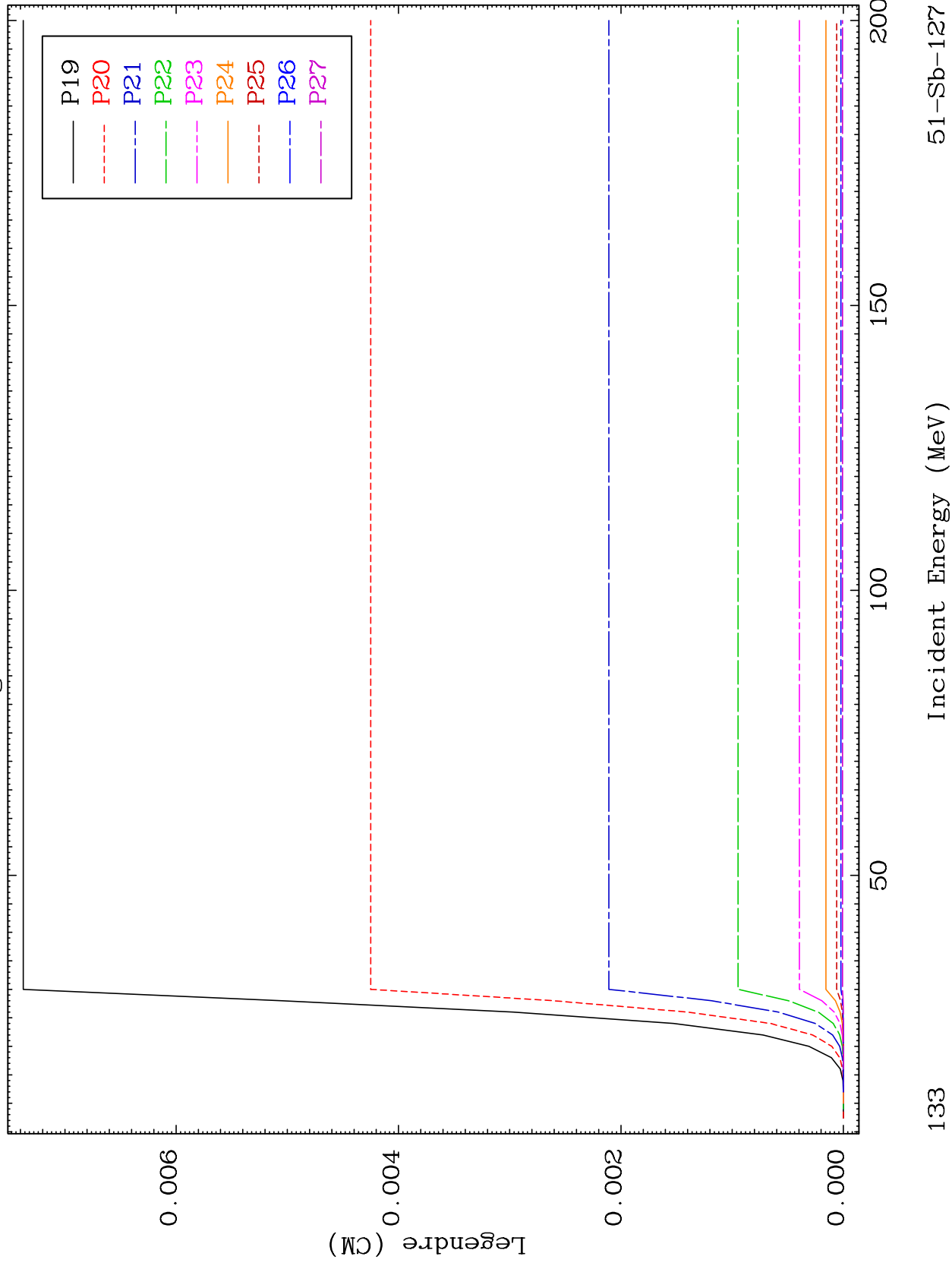


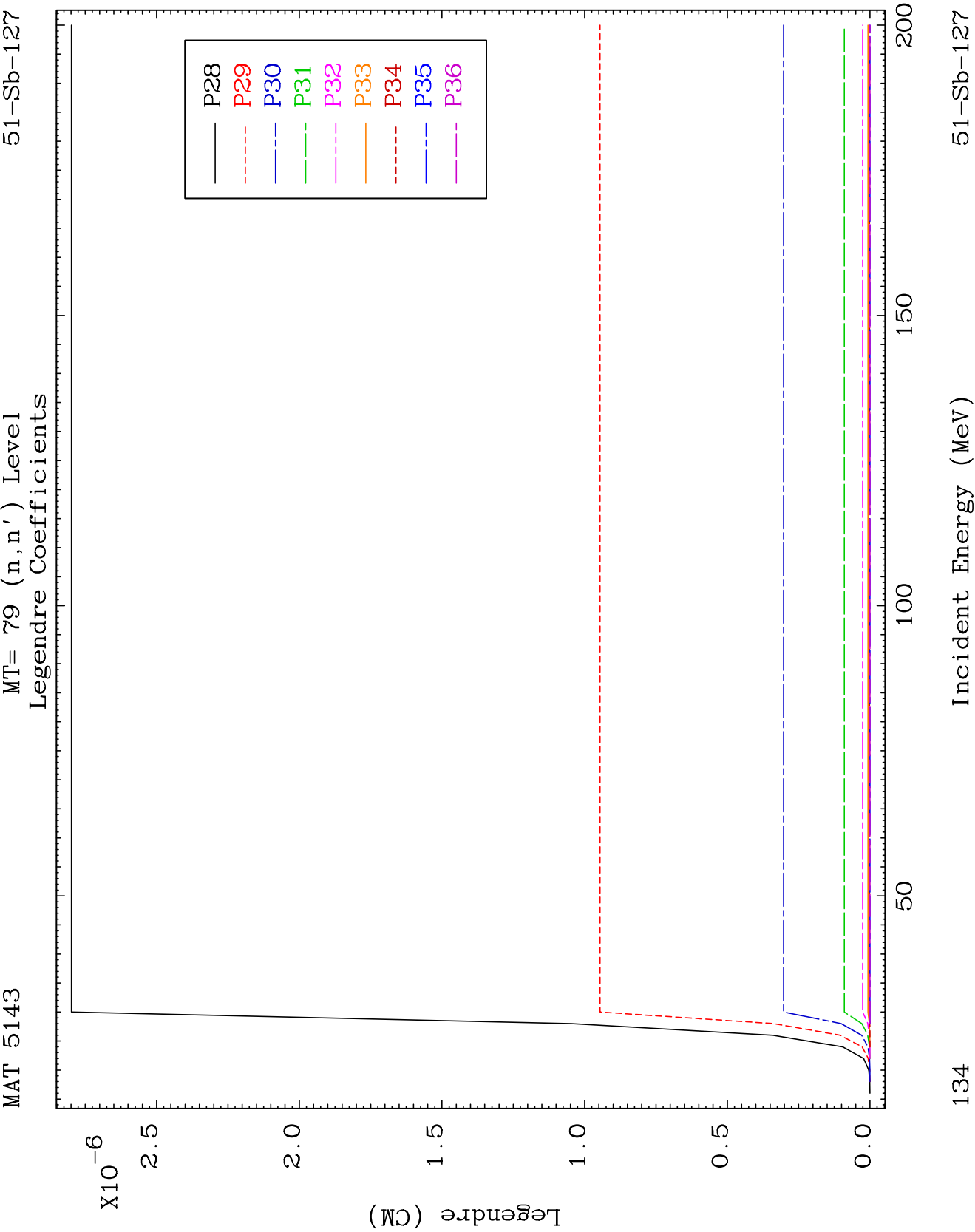


MAT 5143

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

51-Sb-127

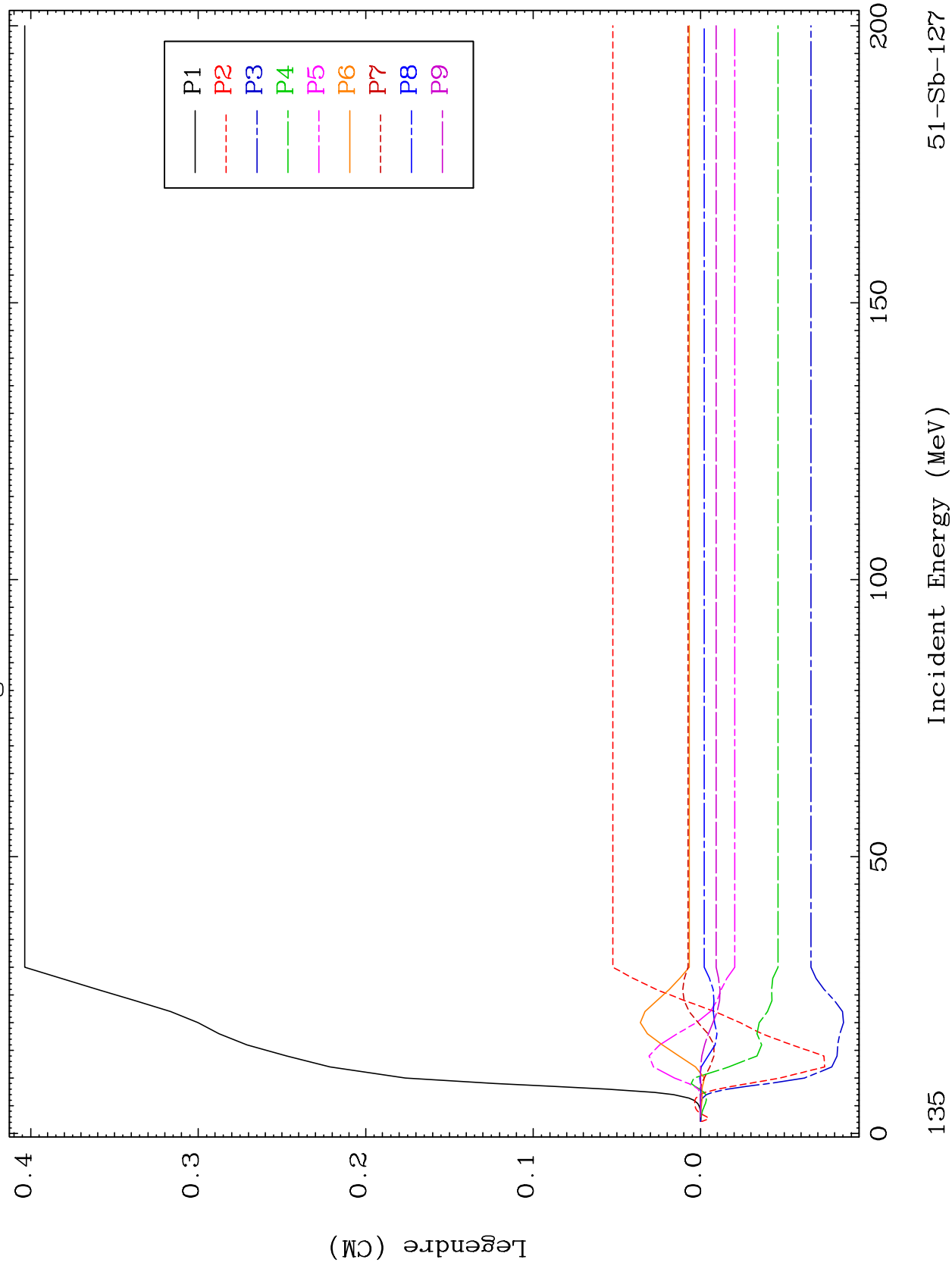


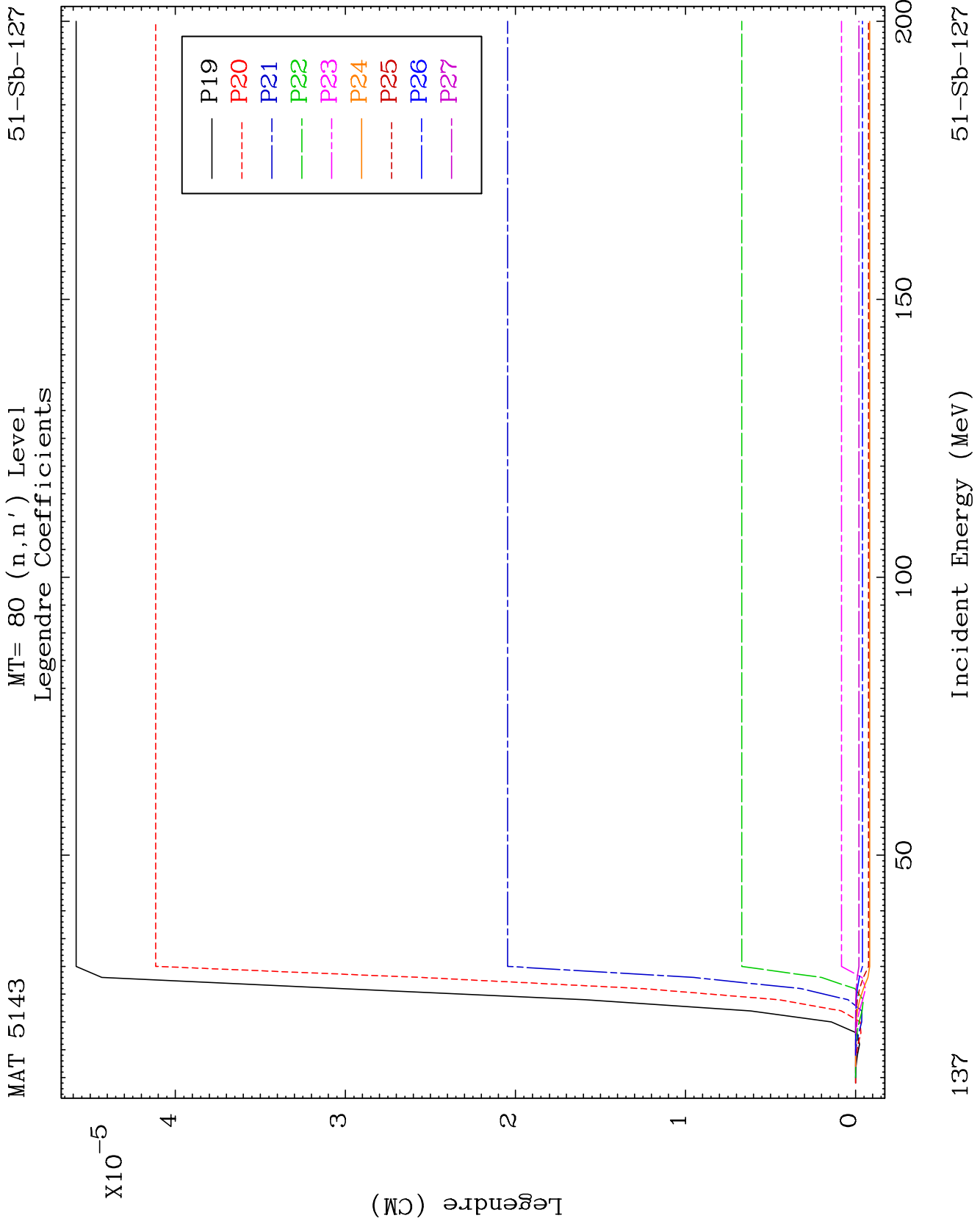


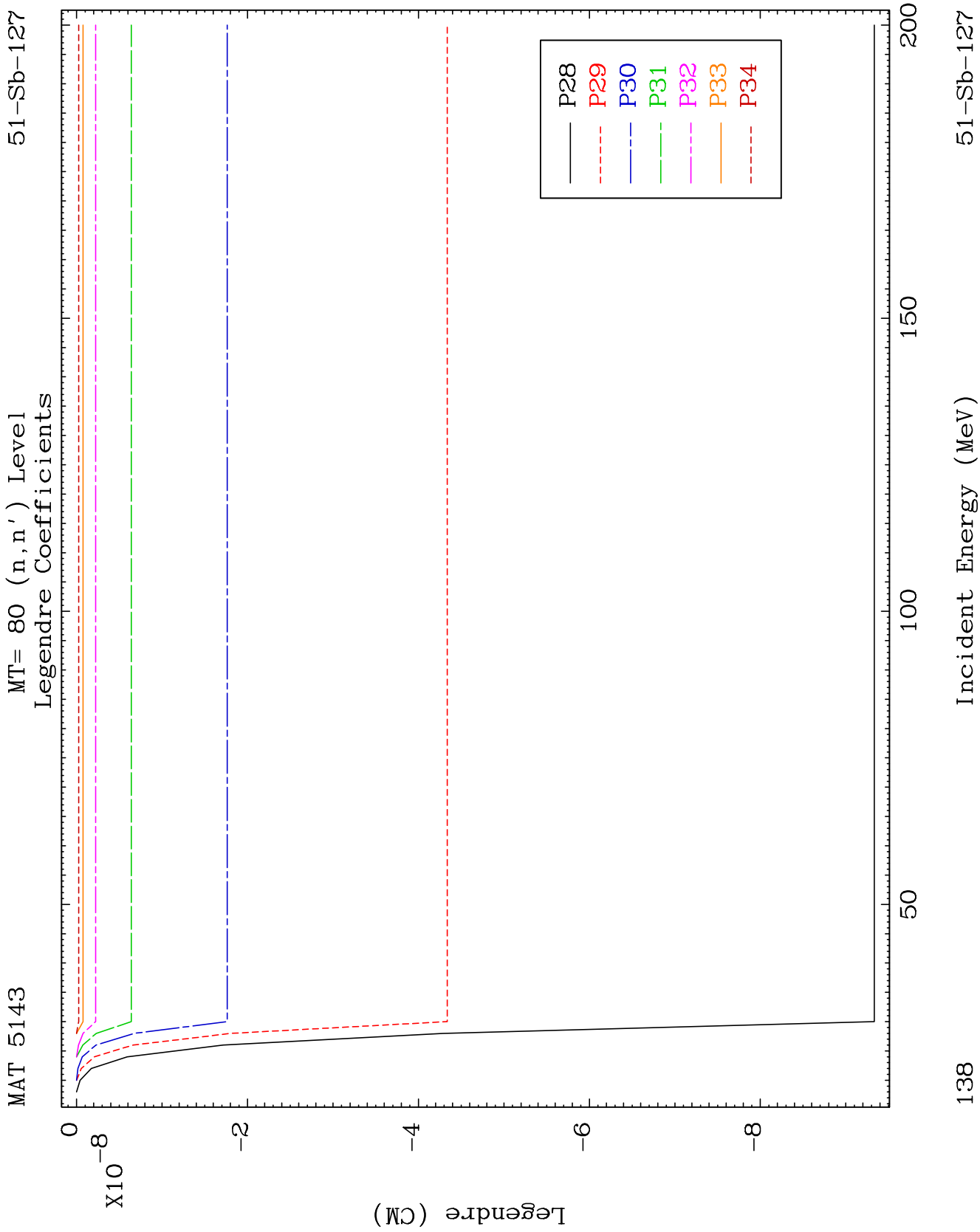
MAT 5143

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

51-Sb-127



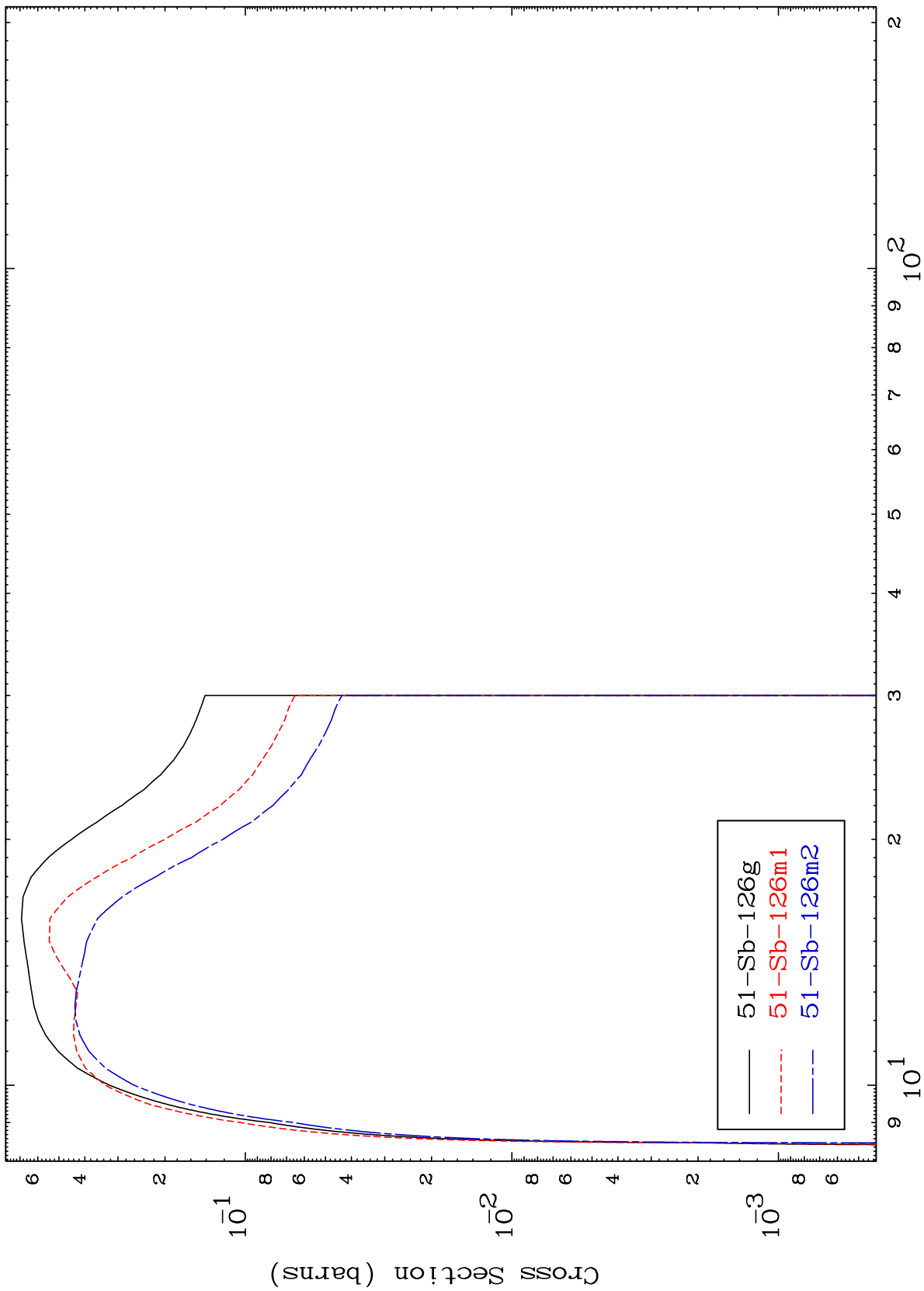




MAT 5143

51-Sb-127

(n,2n)
Radionuclide Production Cross Section



51-Sb-127

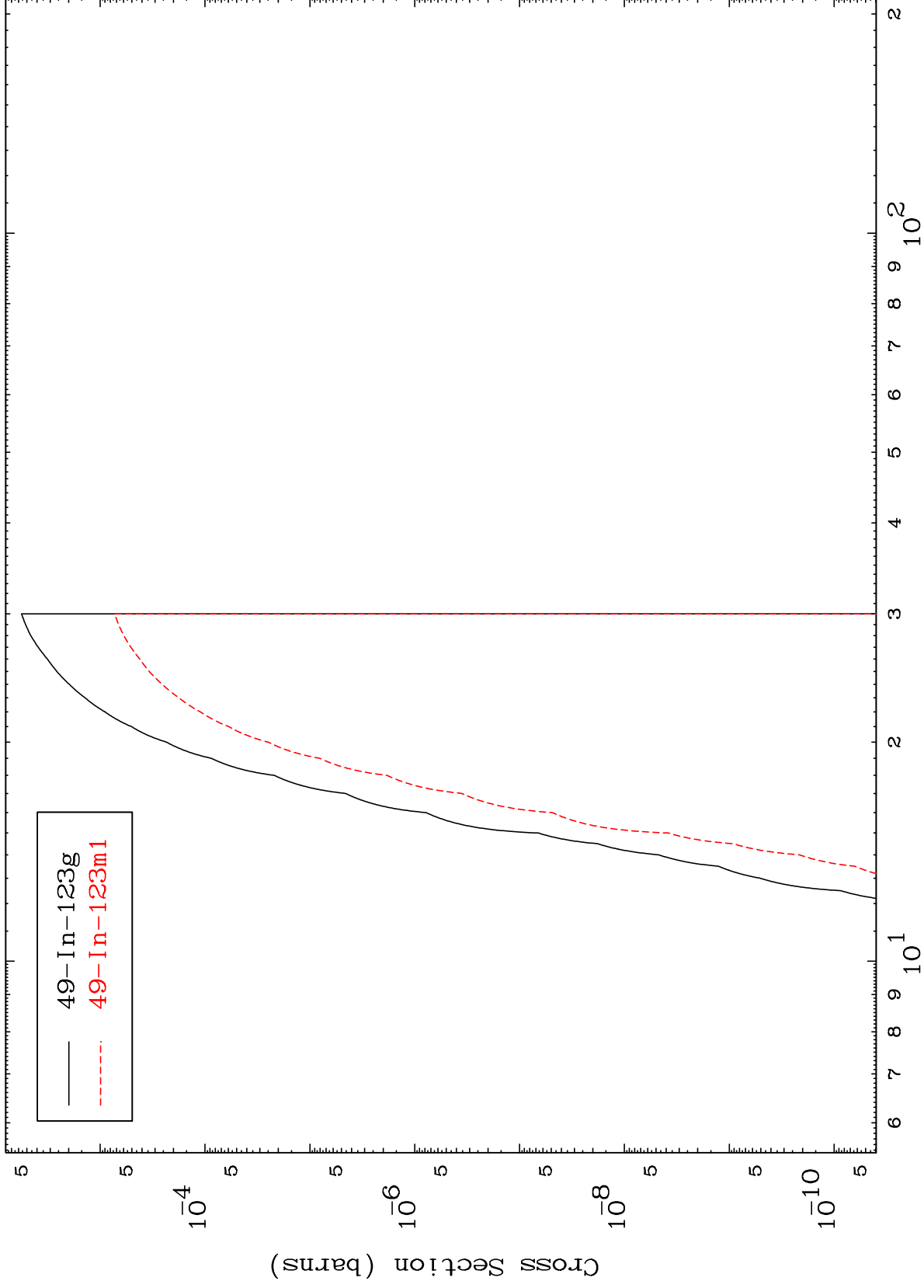
Incident Energy (MeV)

139

MAT 5143

51-Sb-127

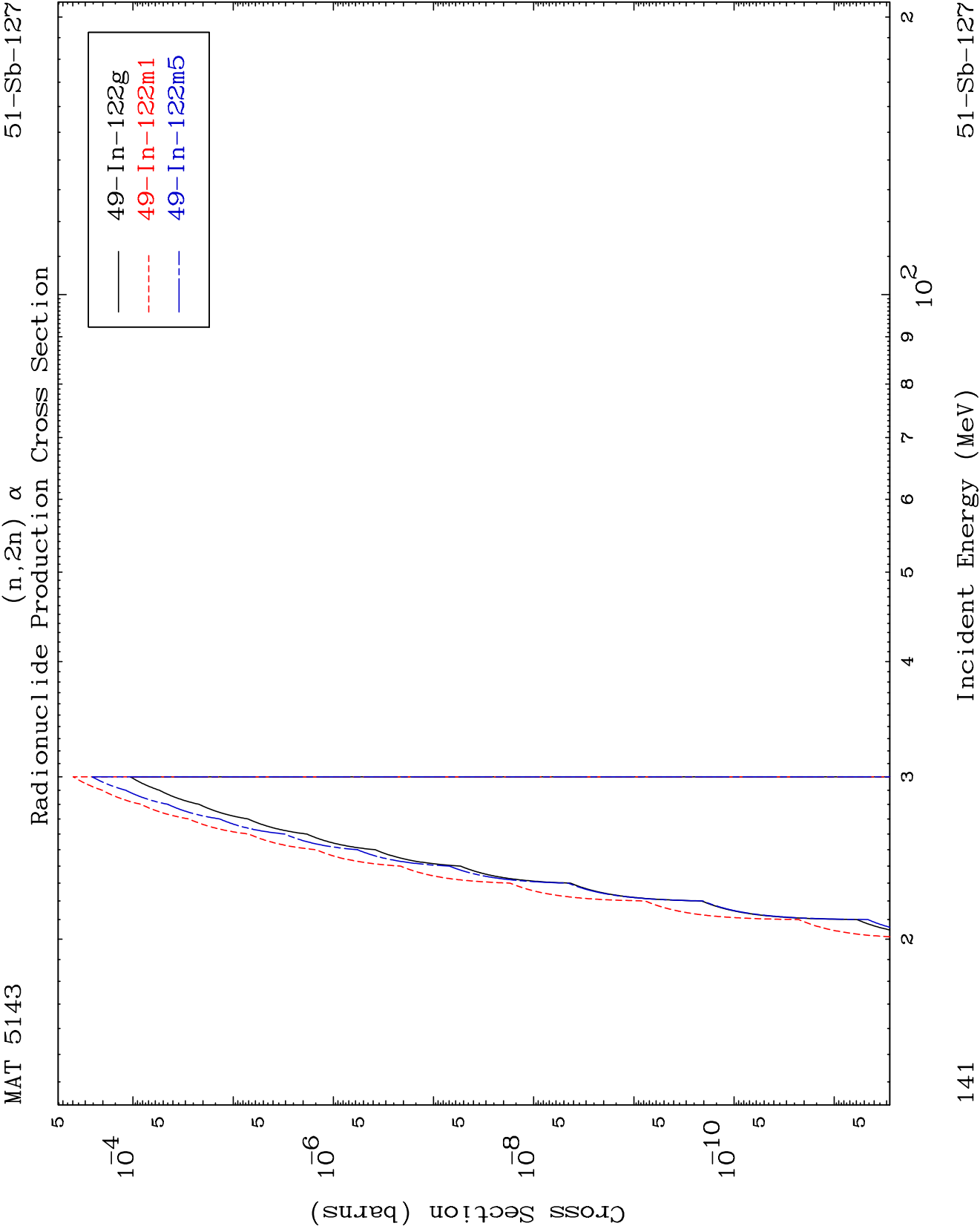
$(n,n') \alpha$
Radionuclide Production Cross Section

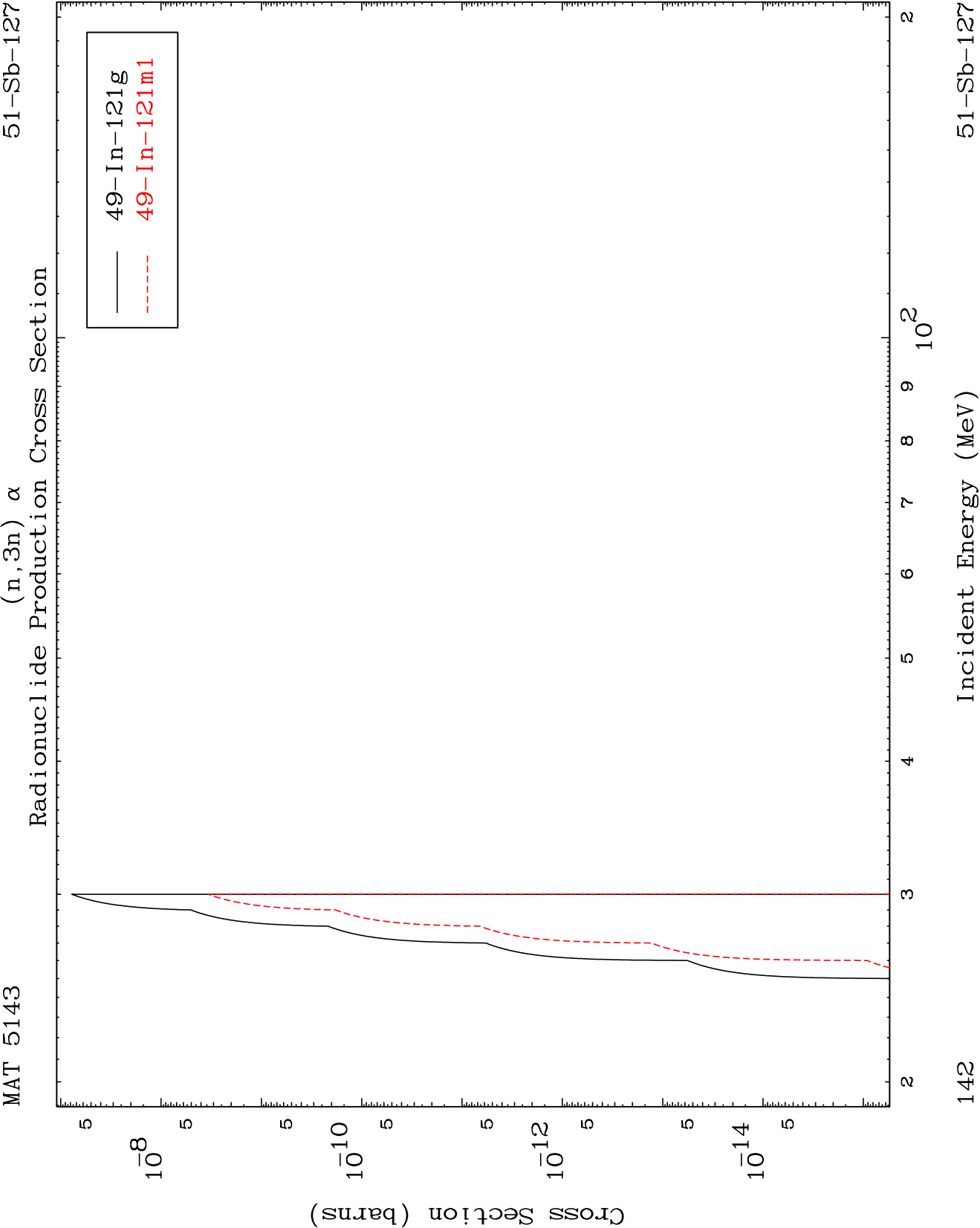


51-Sb-127

Incident Energy (MeV)

140



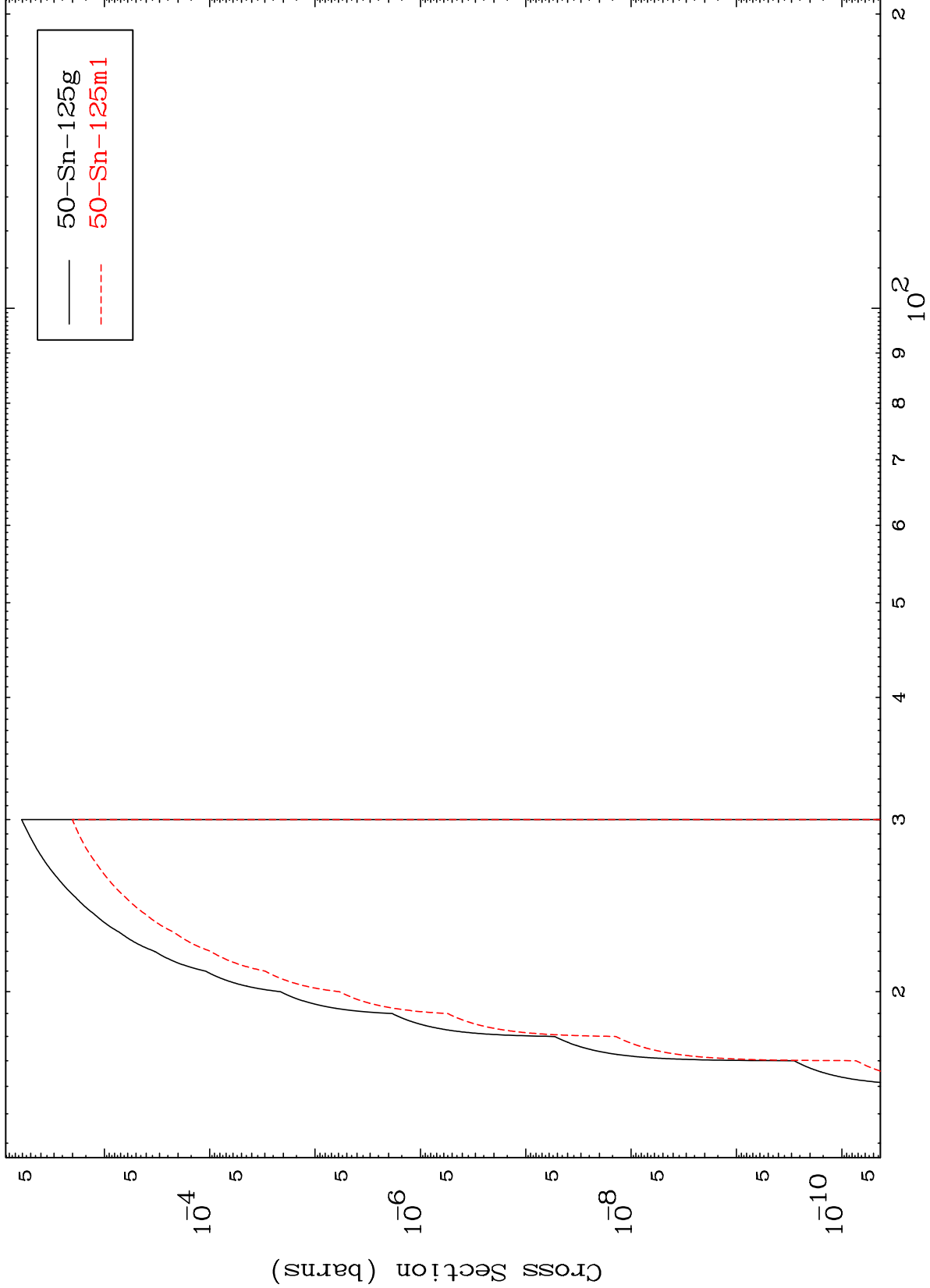


MAT 5143

(n,n') d

51-Sb-127

Radionuclide Production Cross Section

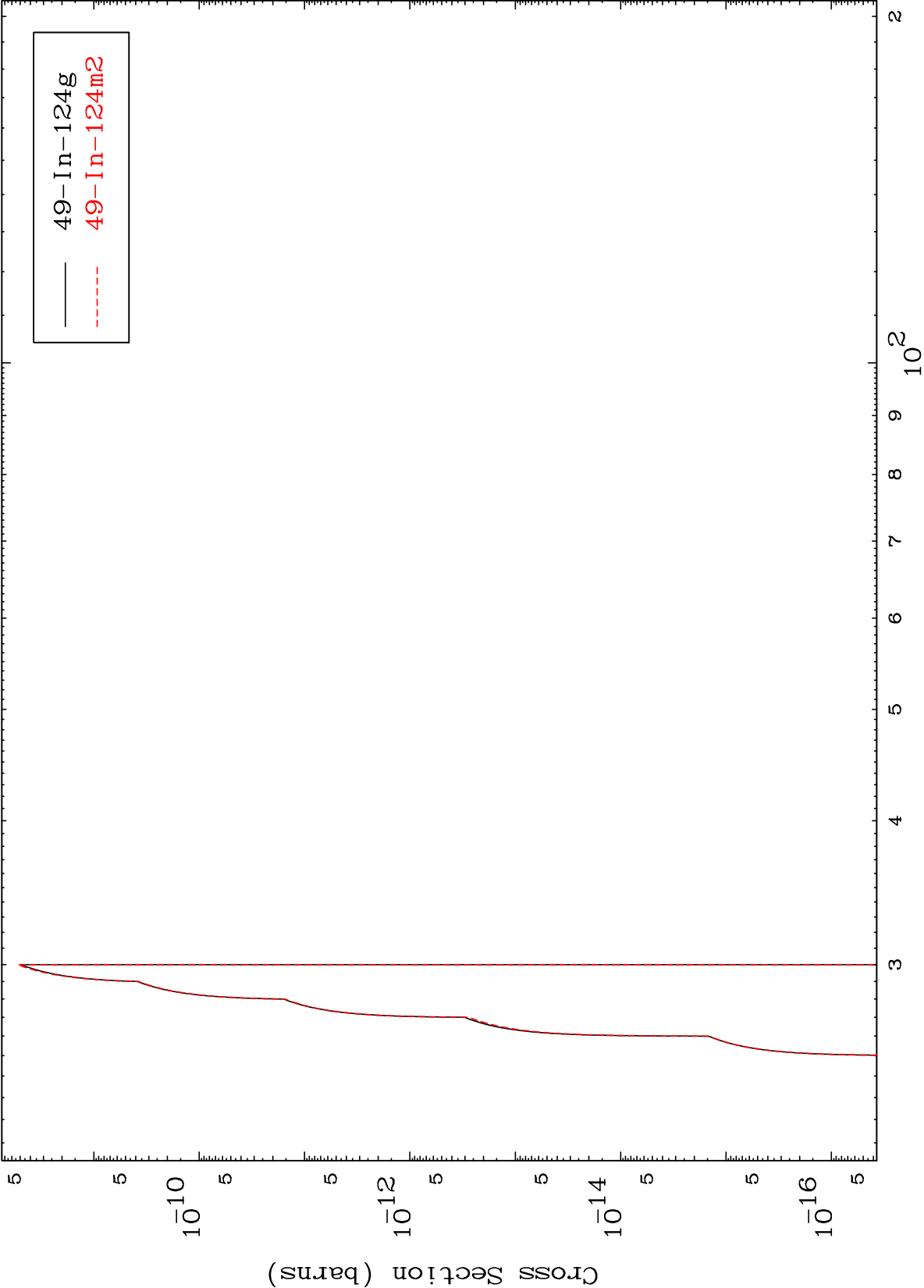


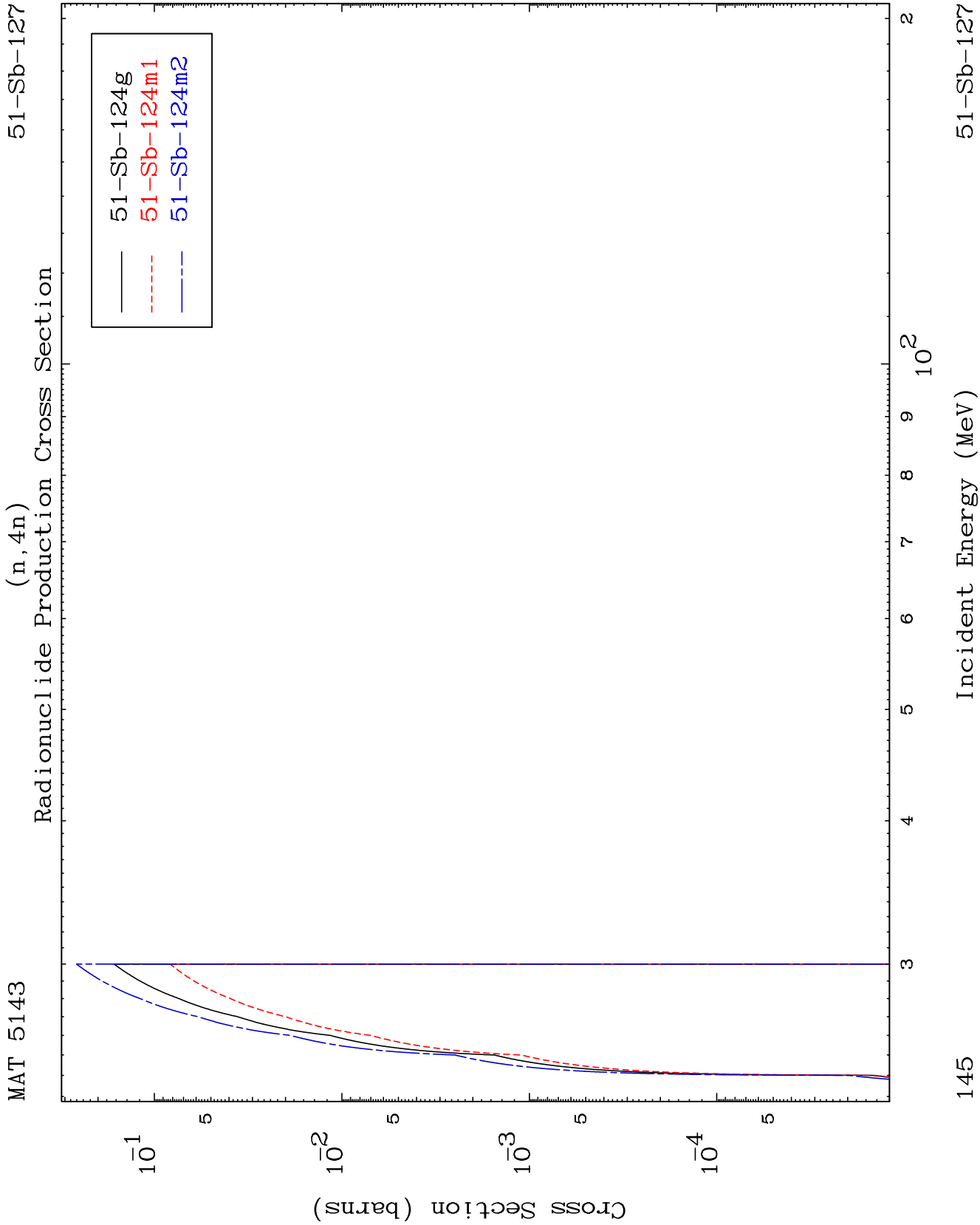
143

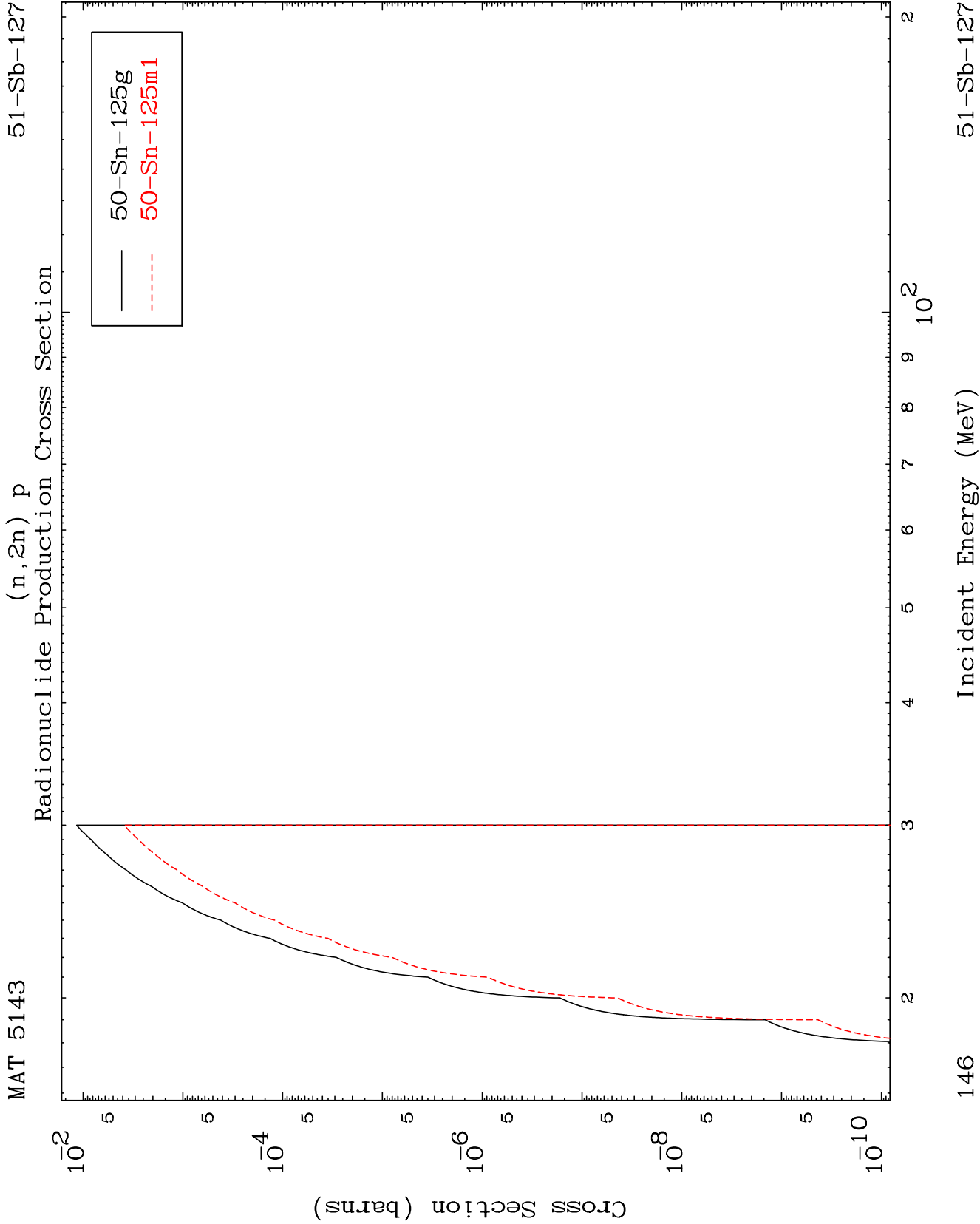
Incident Energy (MeV)

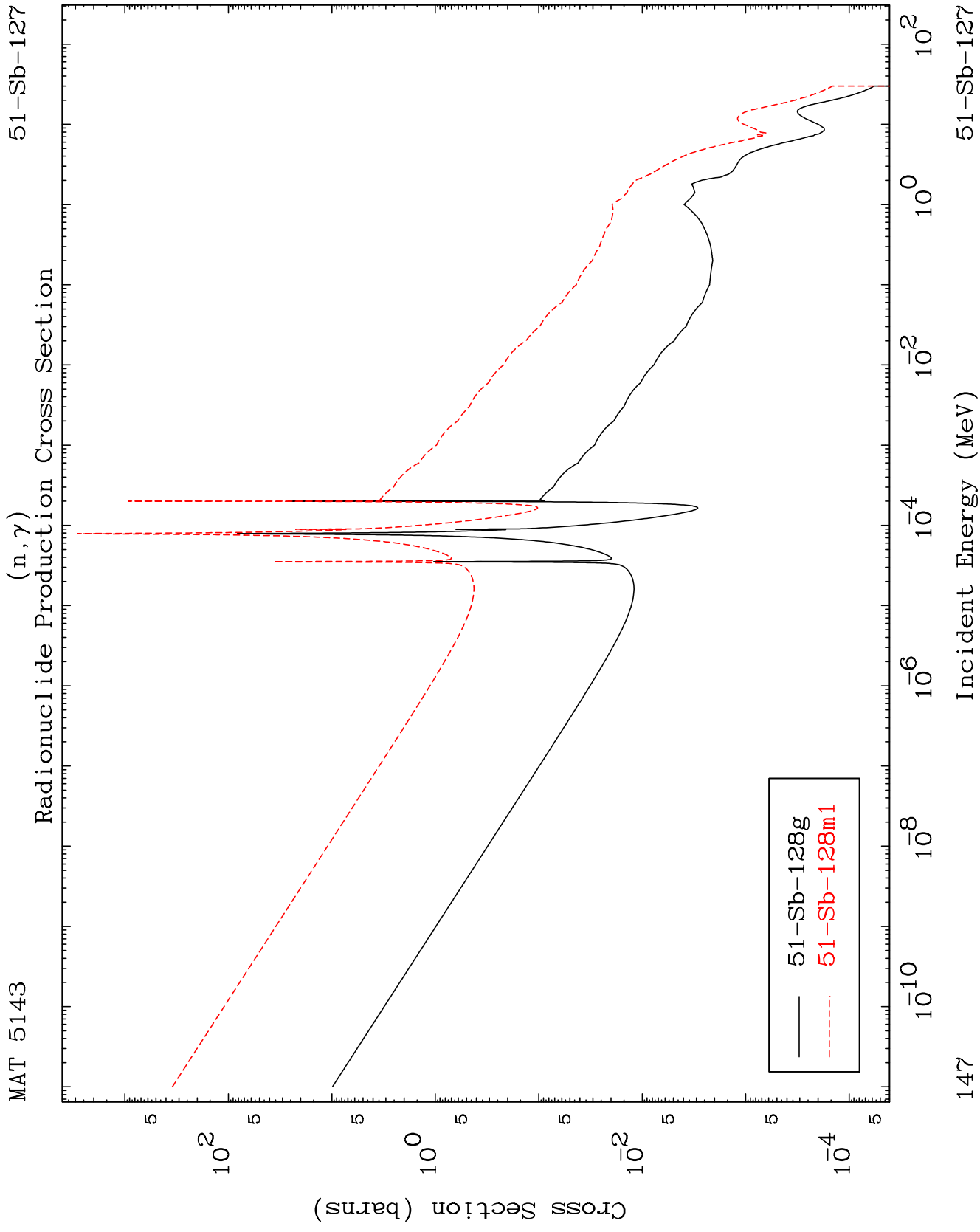
51-Sb-127

Radionuclide Production Cross Section

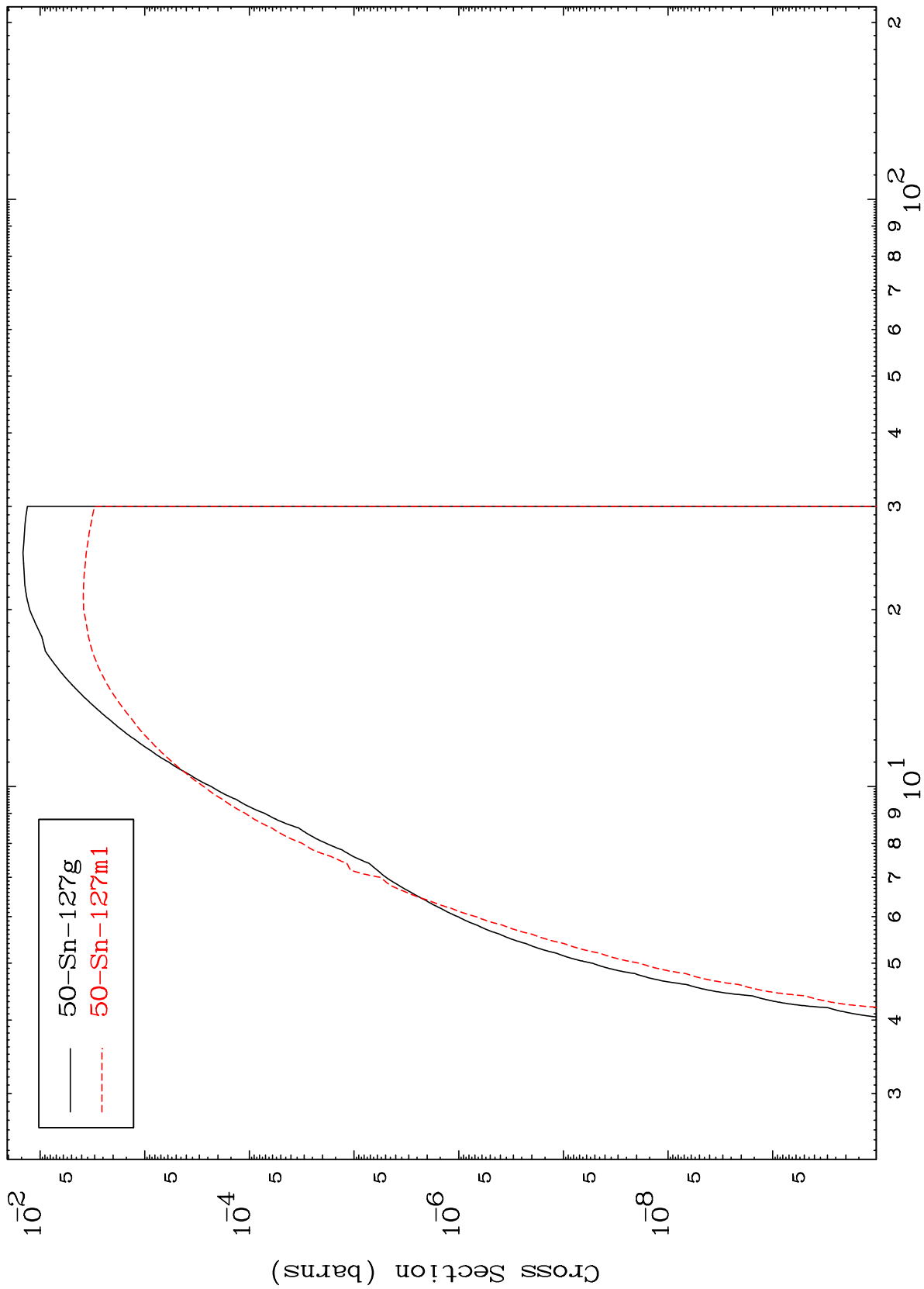




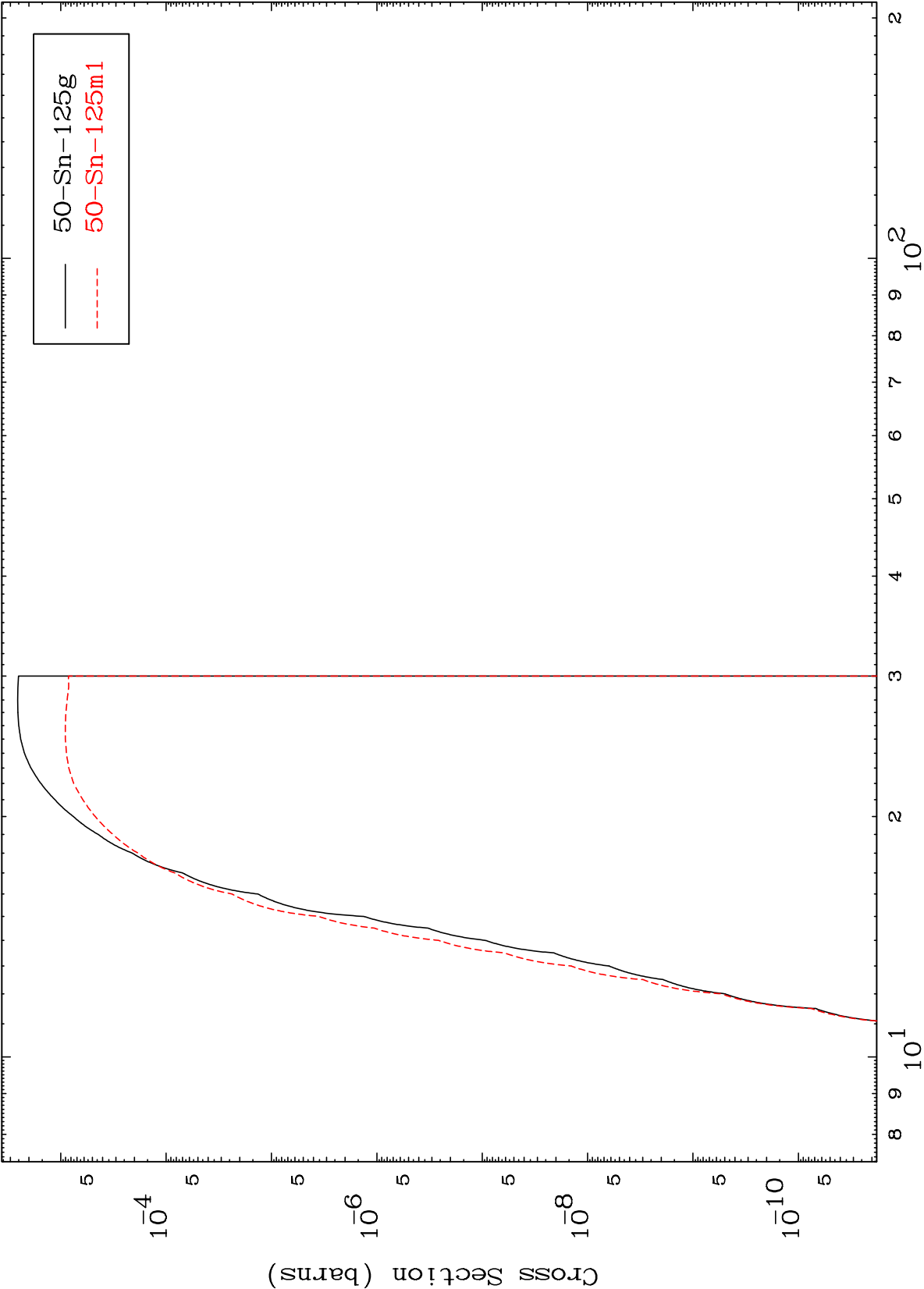




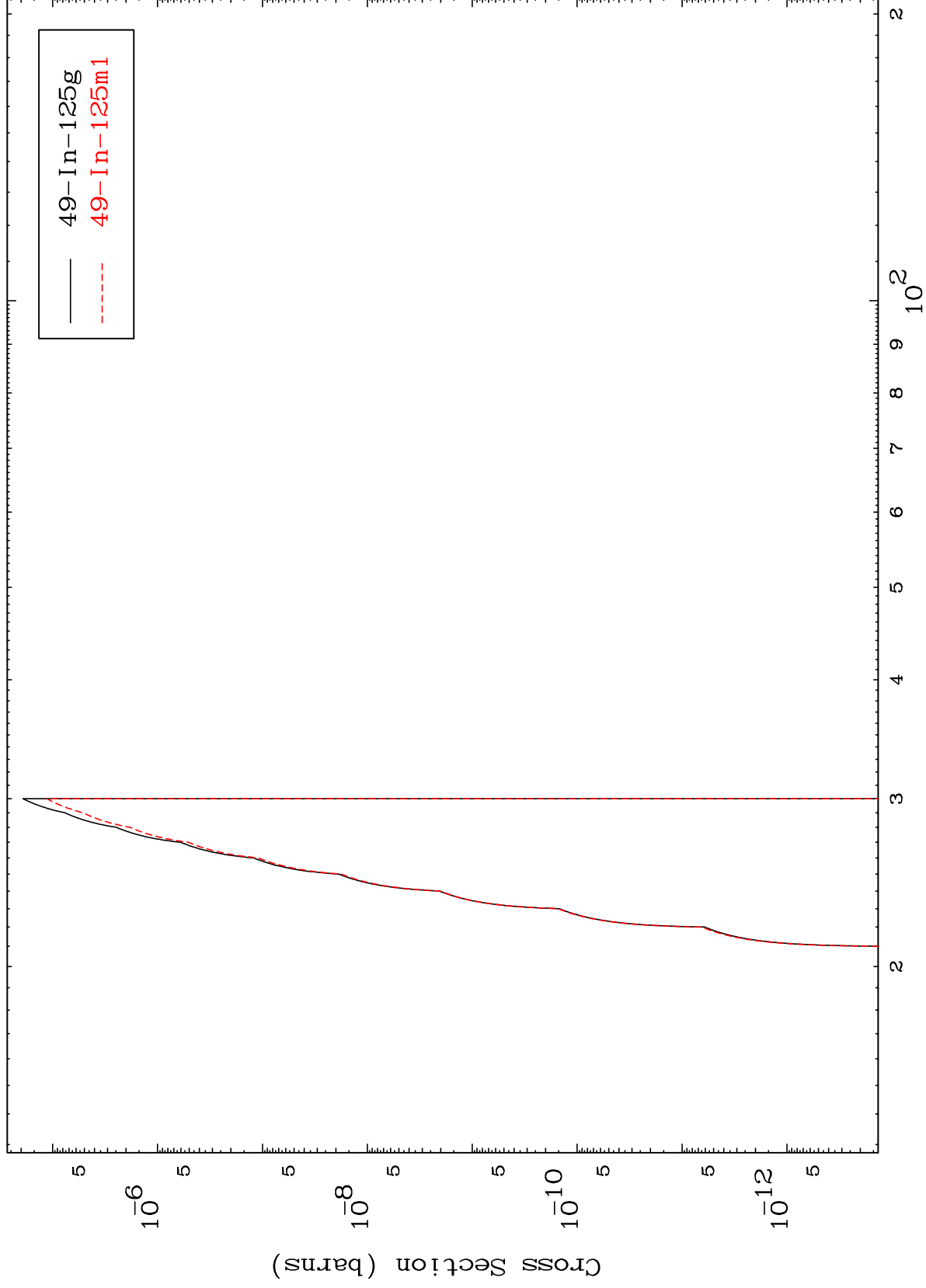
Radionuclide Production Cross Section (n,p)



(n,t)
Radionuclide Production Cross Section



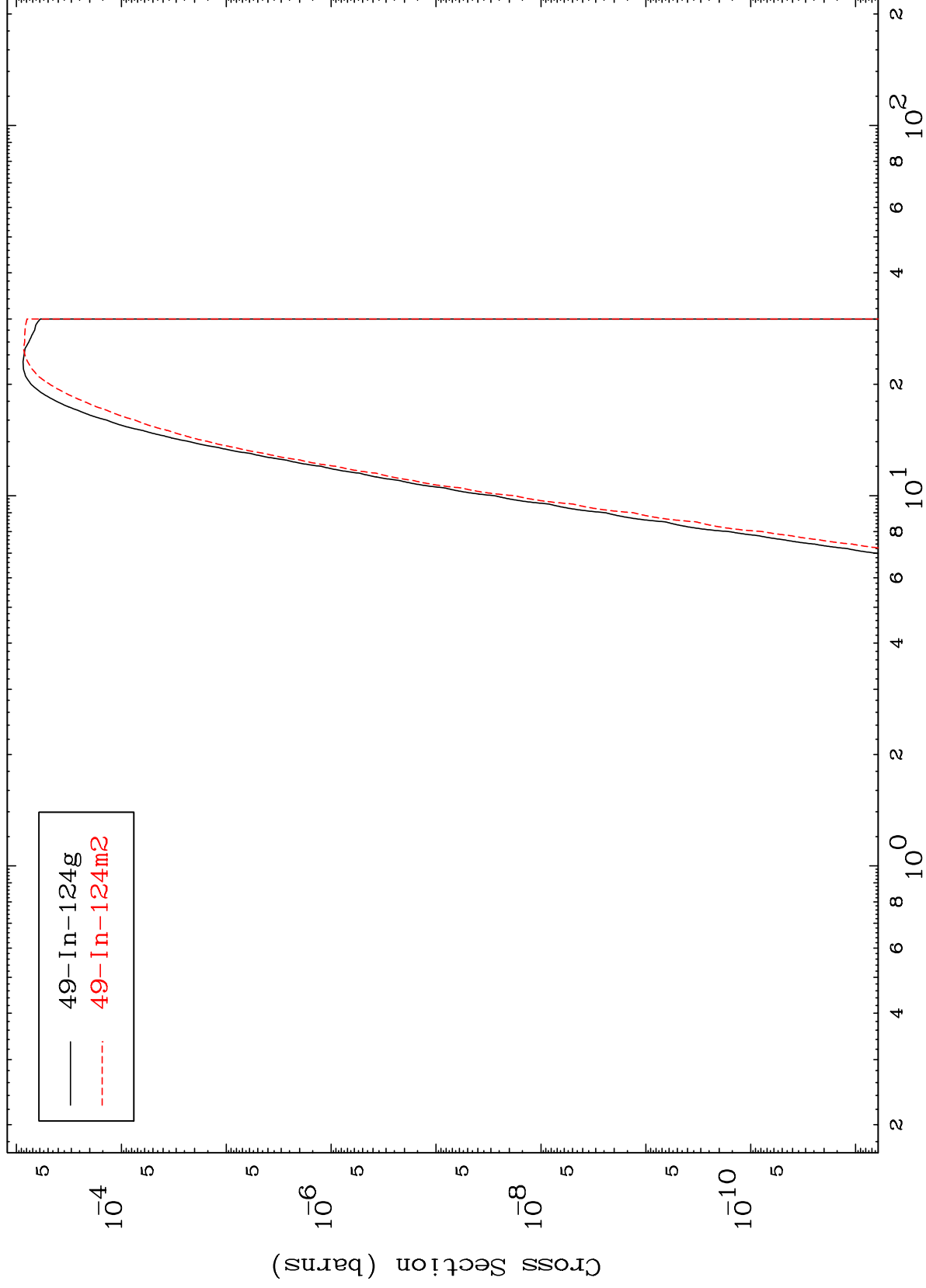
(n,He-3)
Radionuclide Production Cross Section



MAT 5143

51-Sb-127

Radionuclide Production Cross Section
(n, α)



151

Incident Energy (MeV)

51-Sb-127

(n,2p)
Radionuclide Production Cross Section

