

Program EVALPLOT
(Version 2017-1)

by

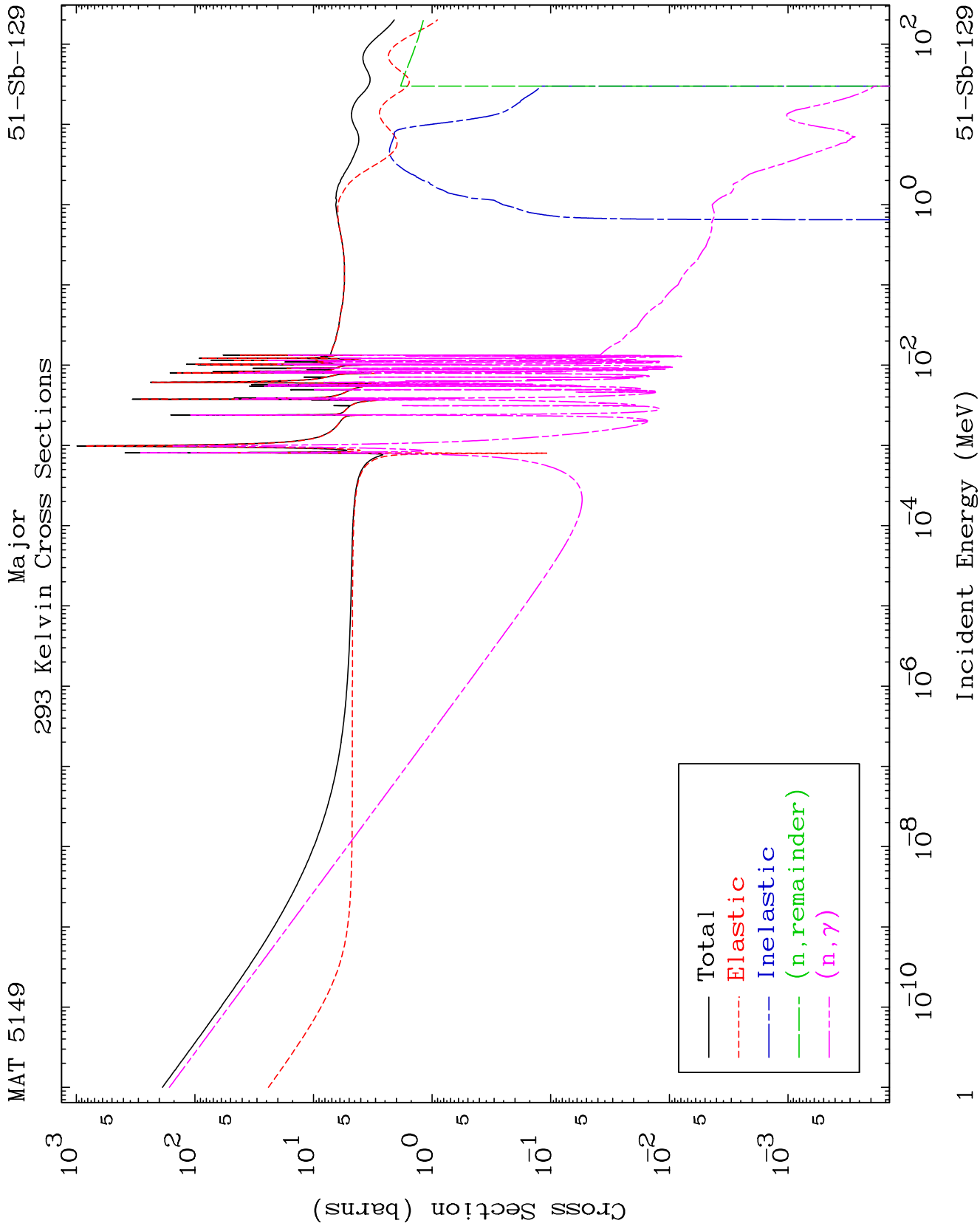
Dermott E. Cullen
(Present Contact Information)

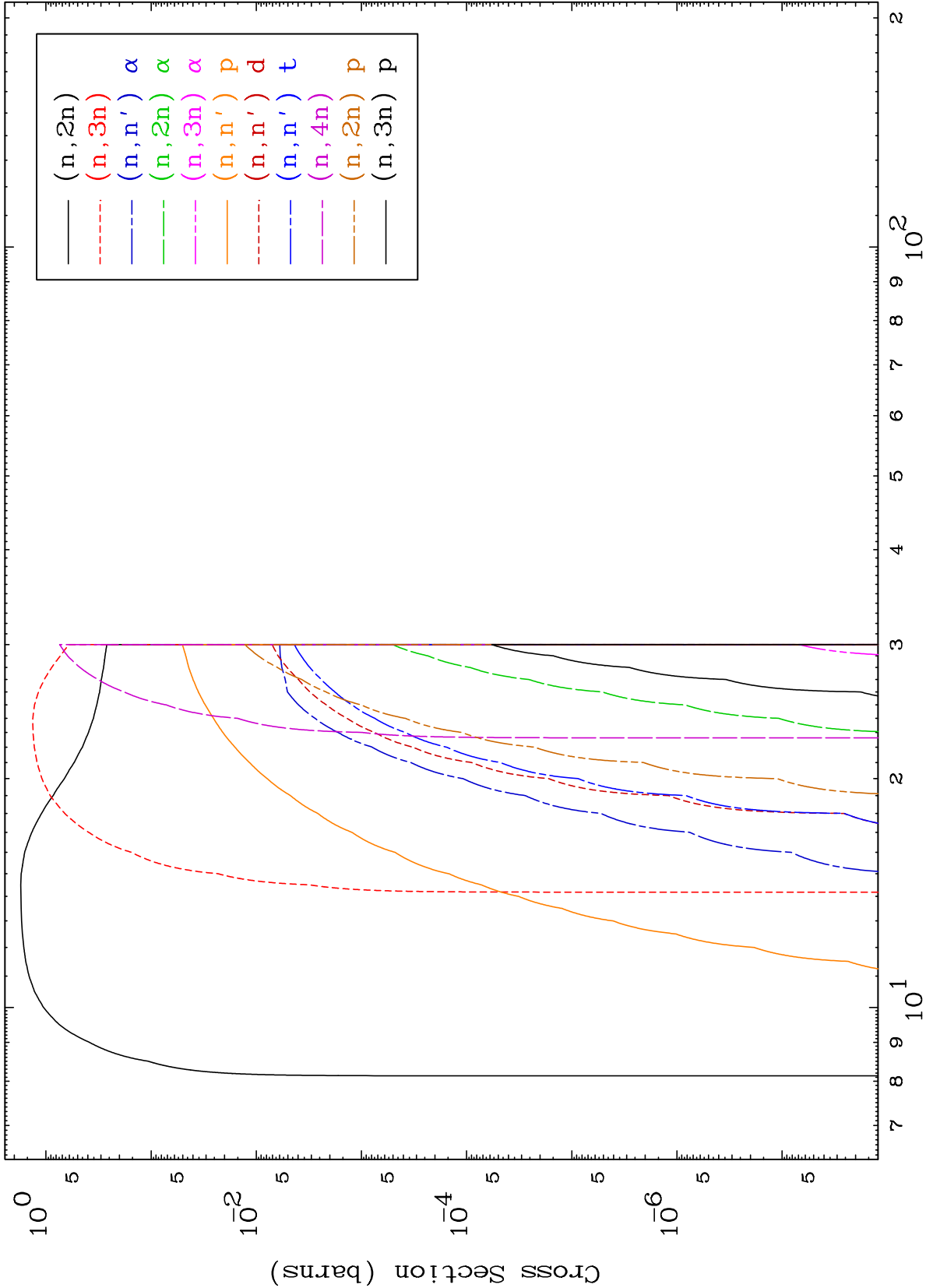
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

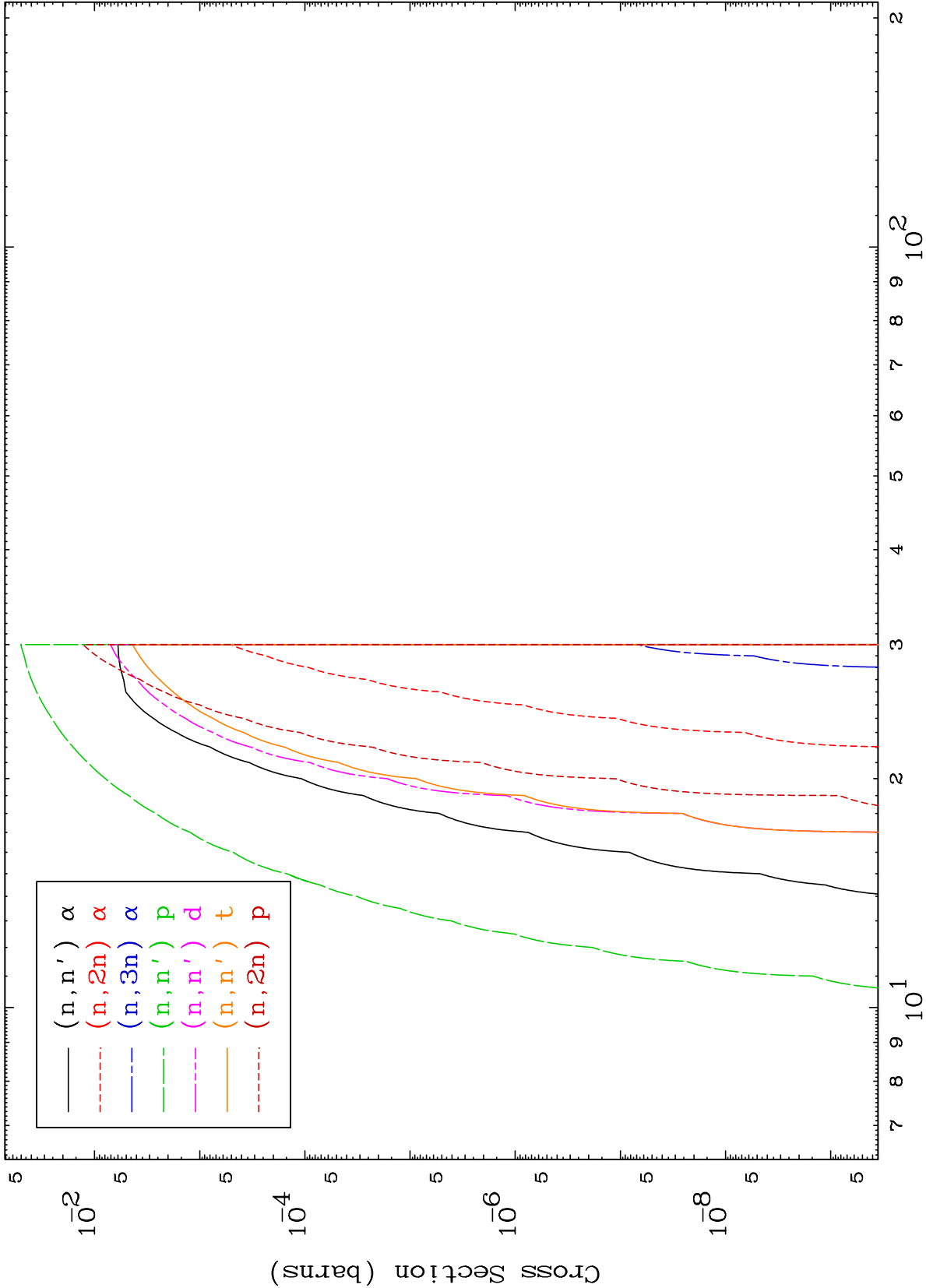
Tele: 925-443-1911

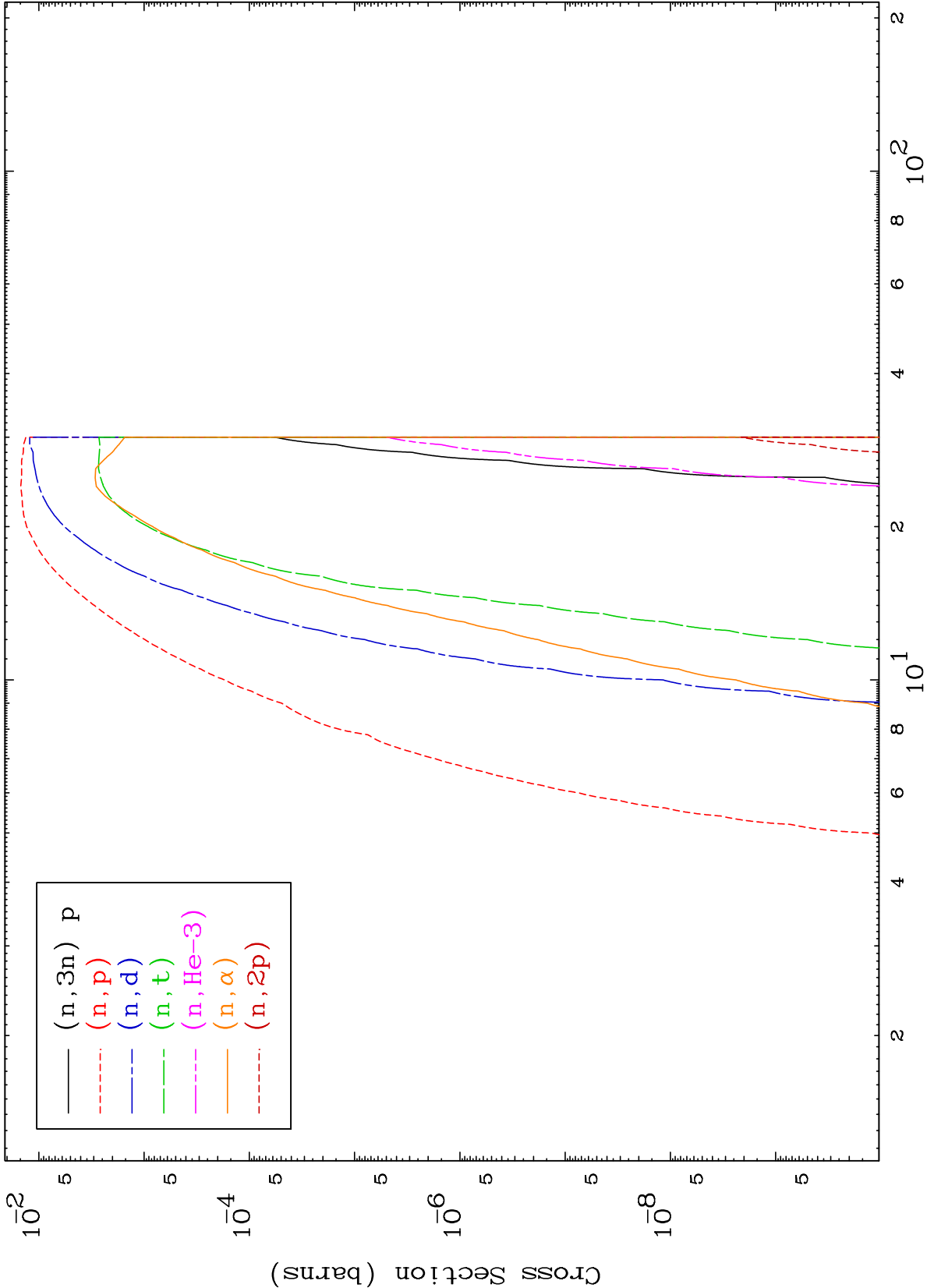
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

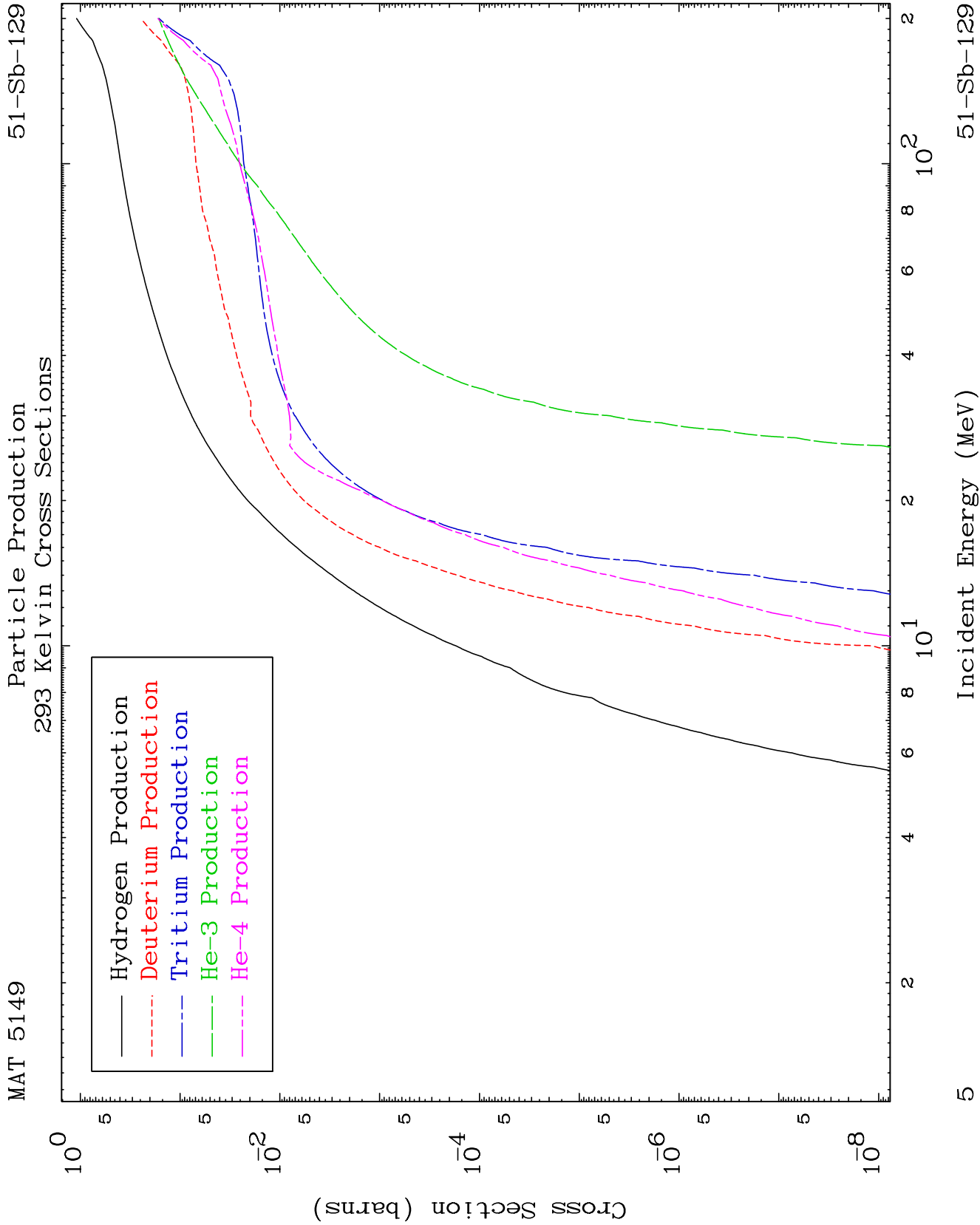
Press Mouse Button to Start









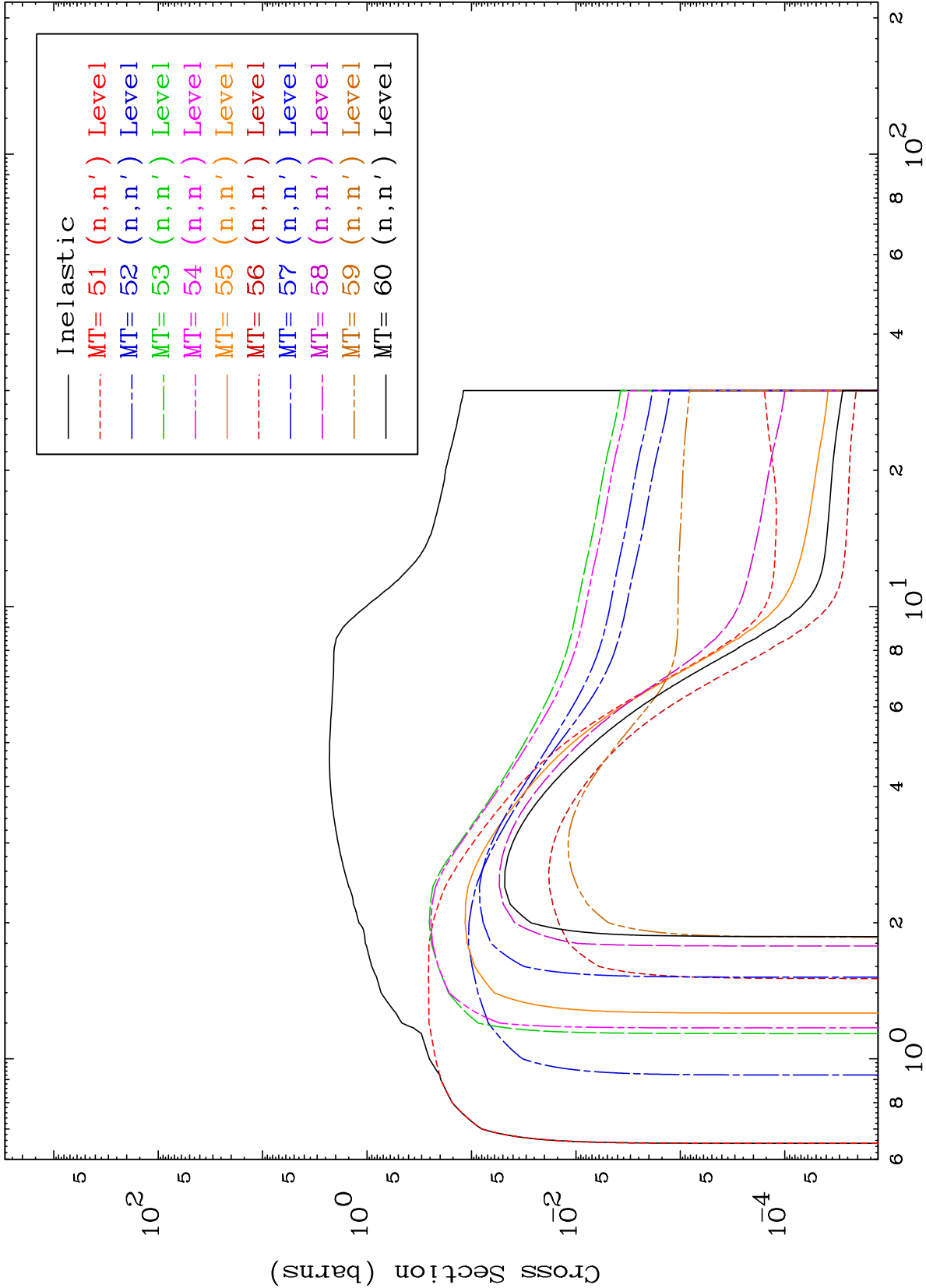


MAT 5149

(n,n') Level

293 Kelvin Cross Sections

51-Sb-129



Incident Energy (MeV)

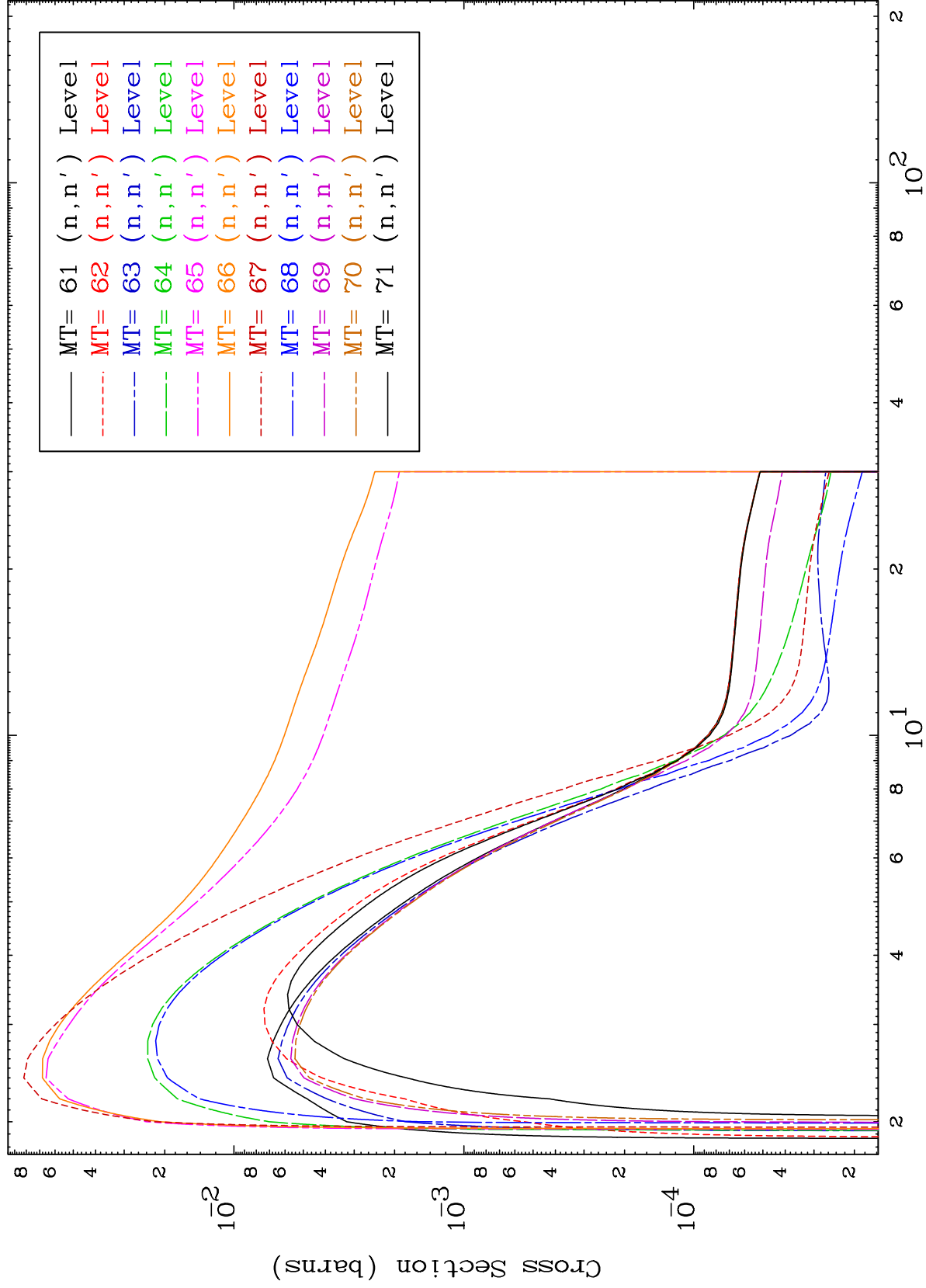
51-Sb-129

MAT 5149

(n,n') Level

293 Kelvin Cross Sections

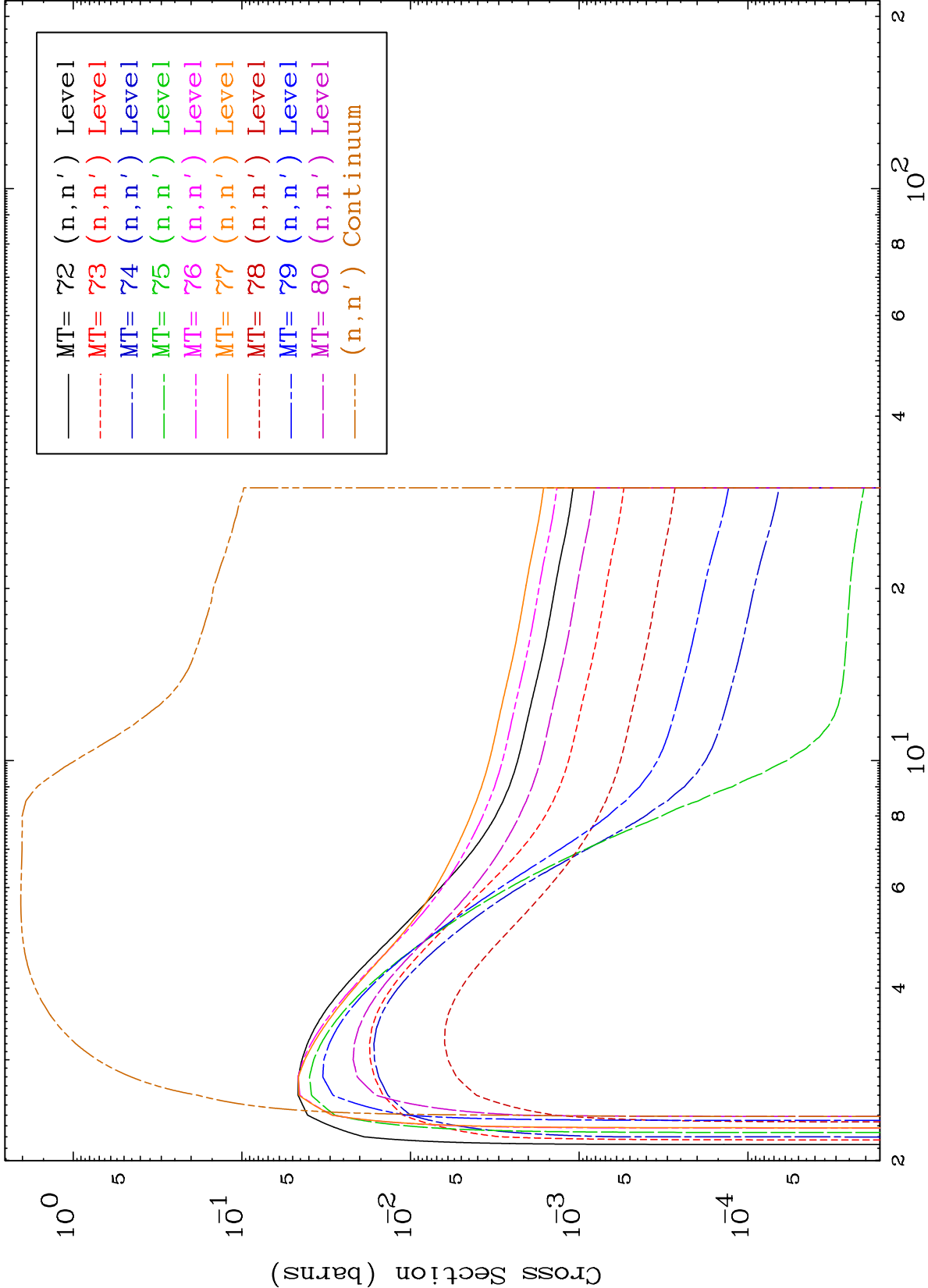
51-Sb-129



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Incident Energy (MeV)

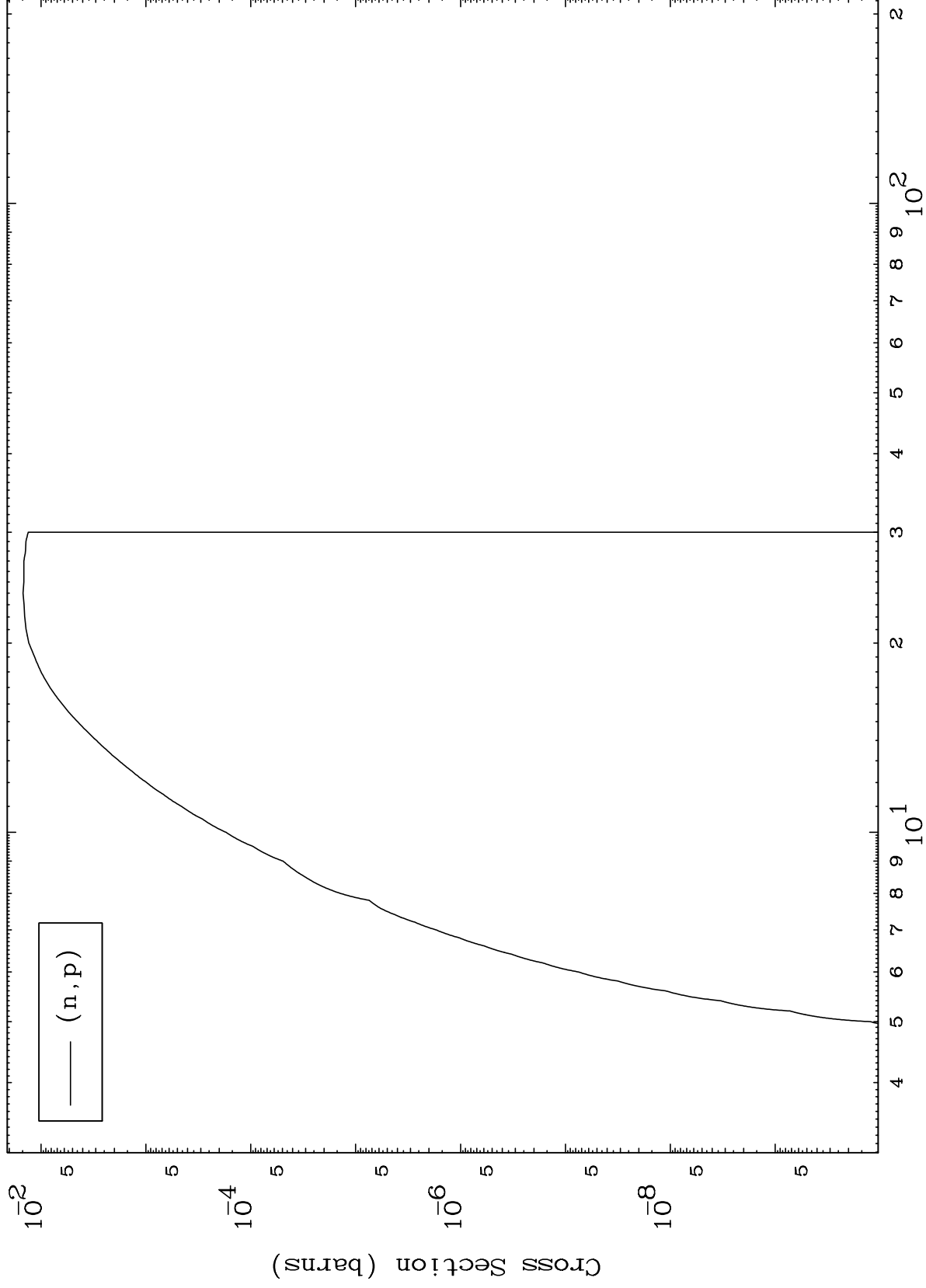
51-Sb-129

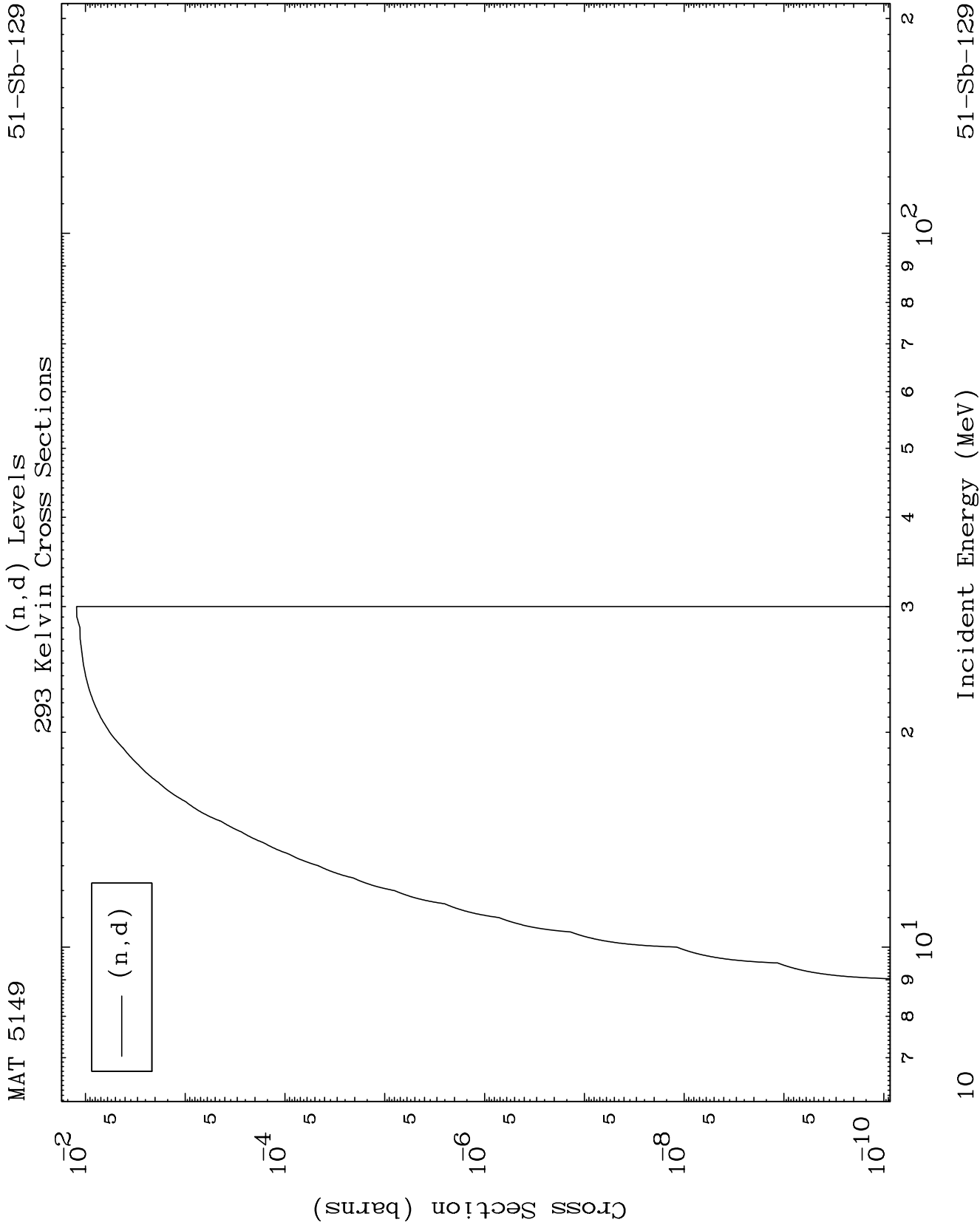


MAT 5149

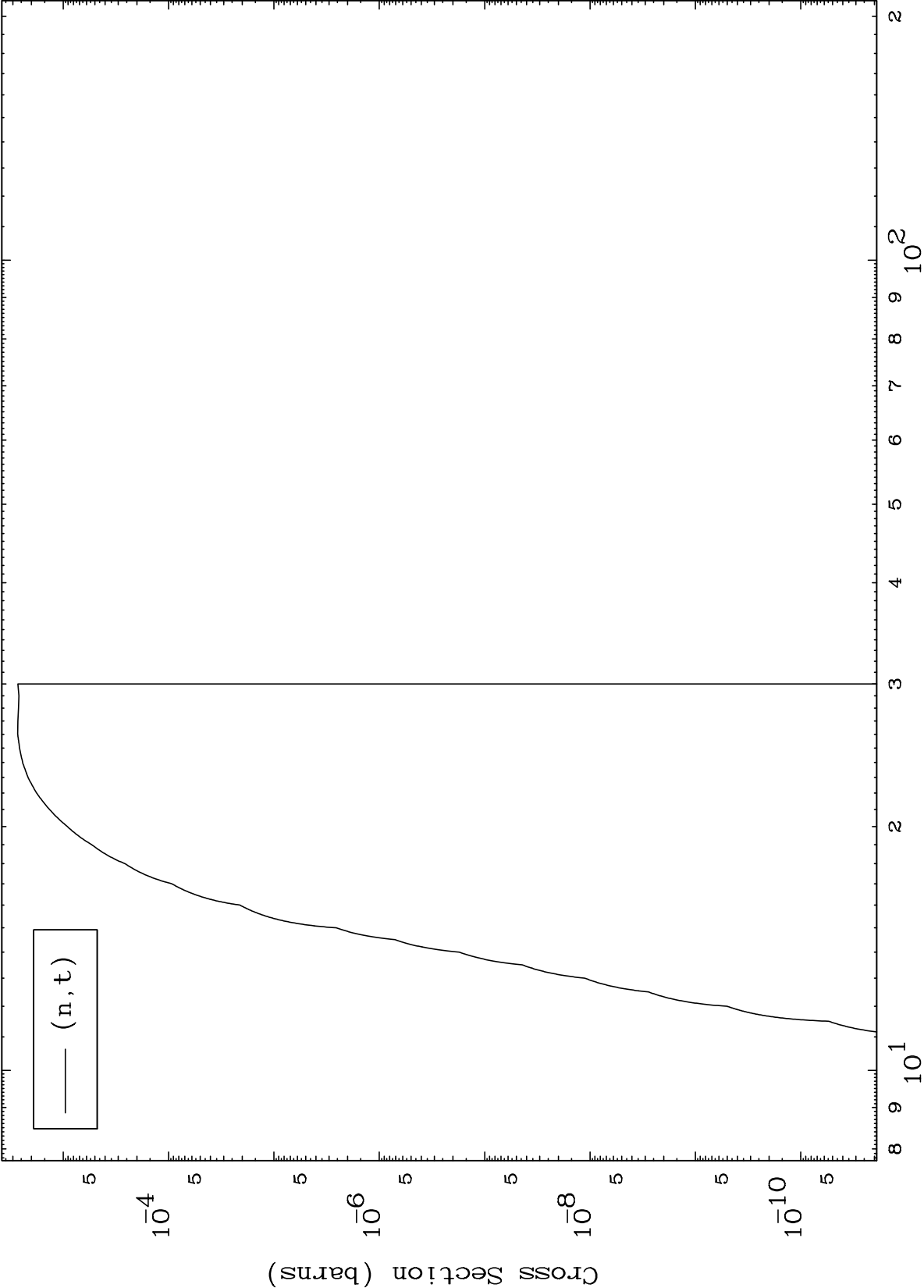
51-Sb-129

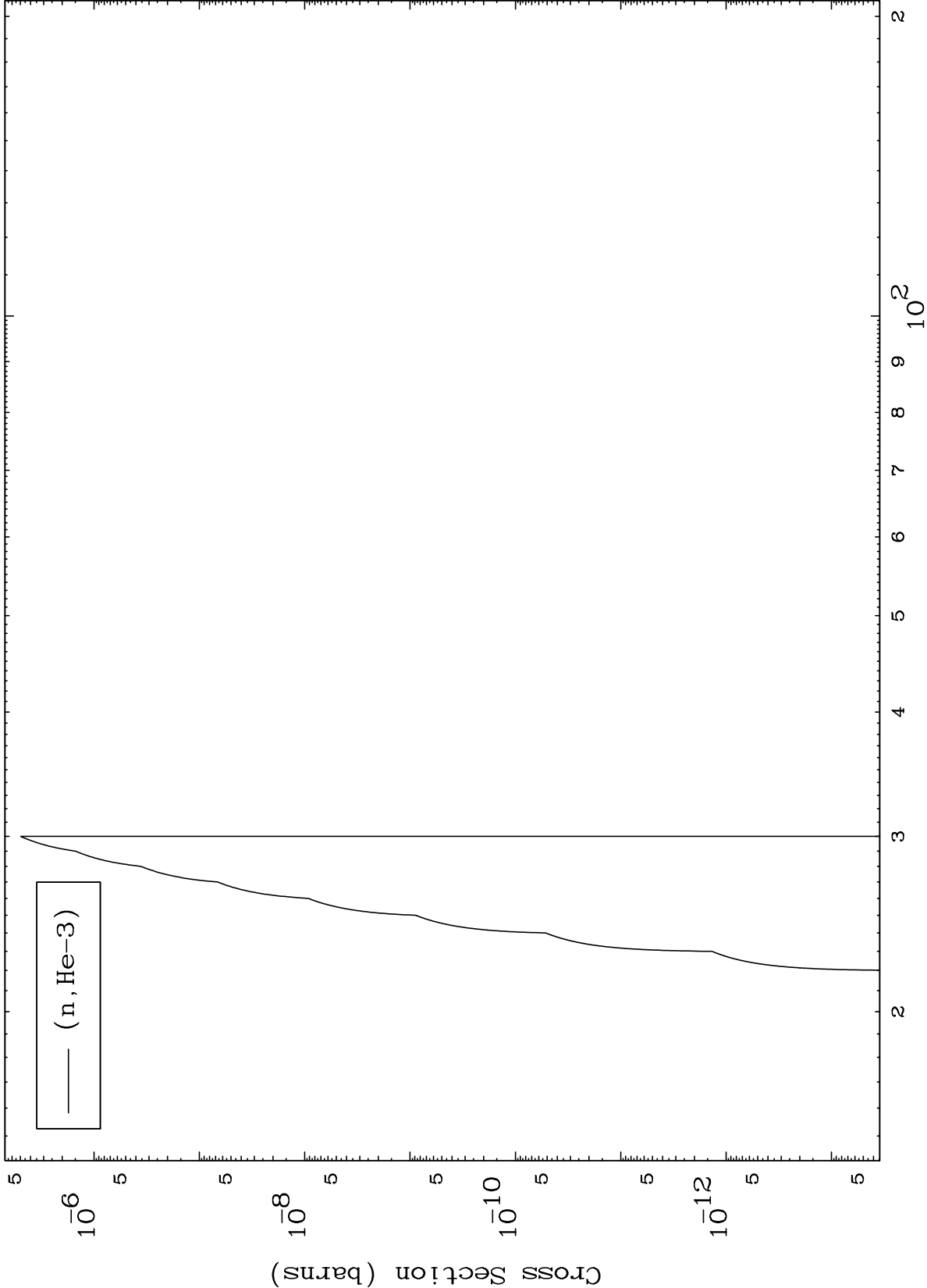
(n,p) Levels
293 Kelvin Cross Sections

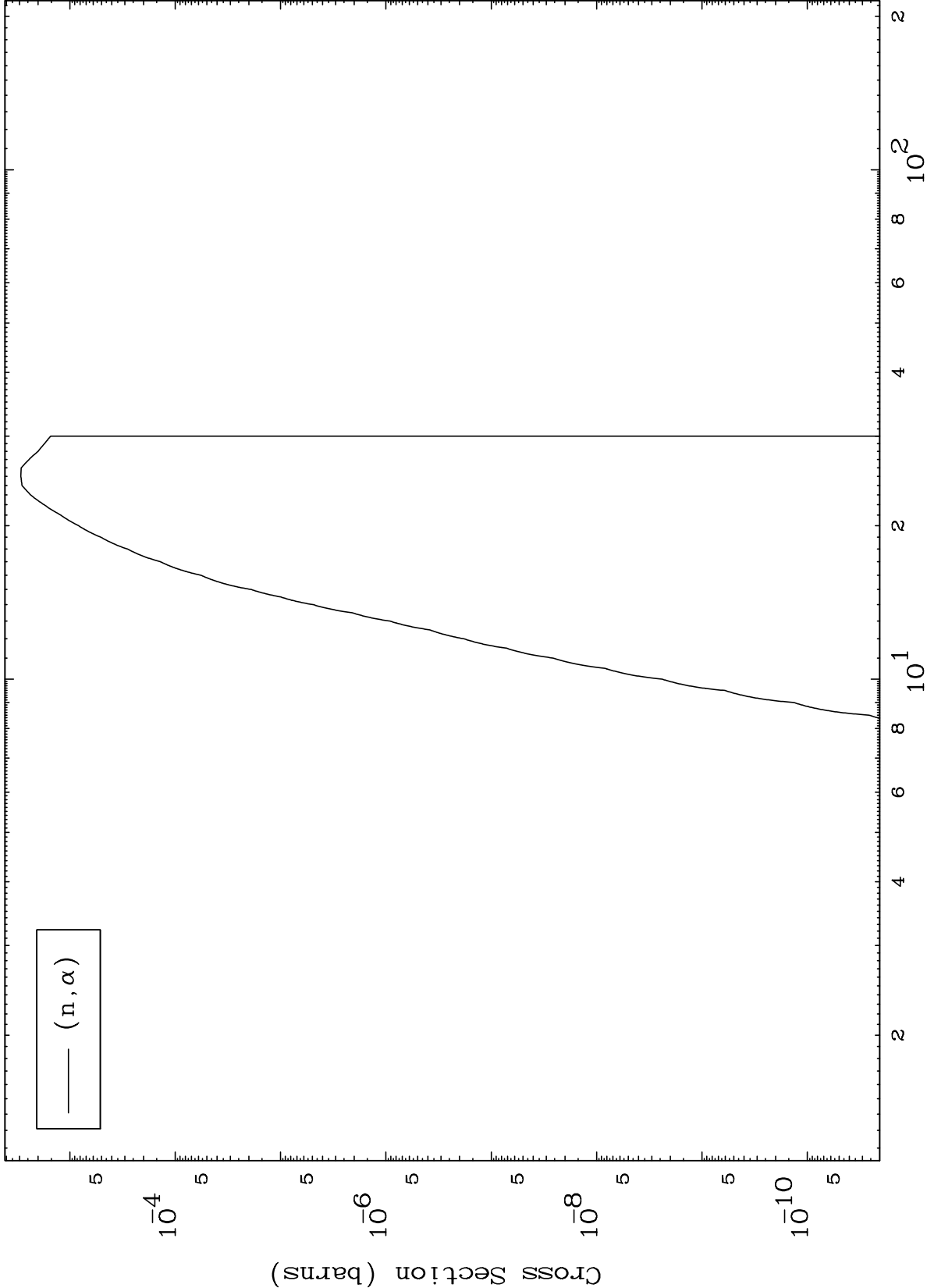


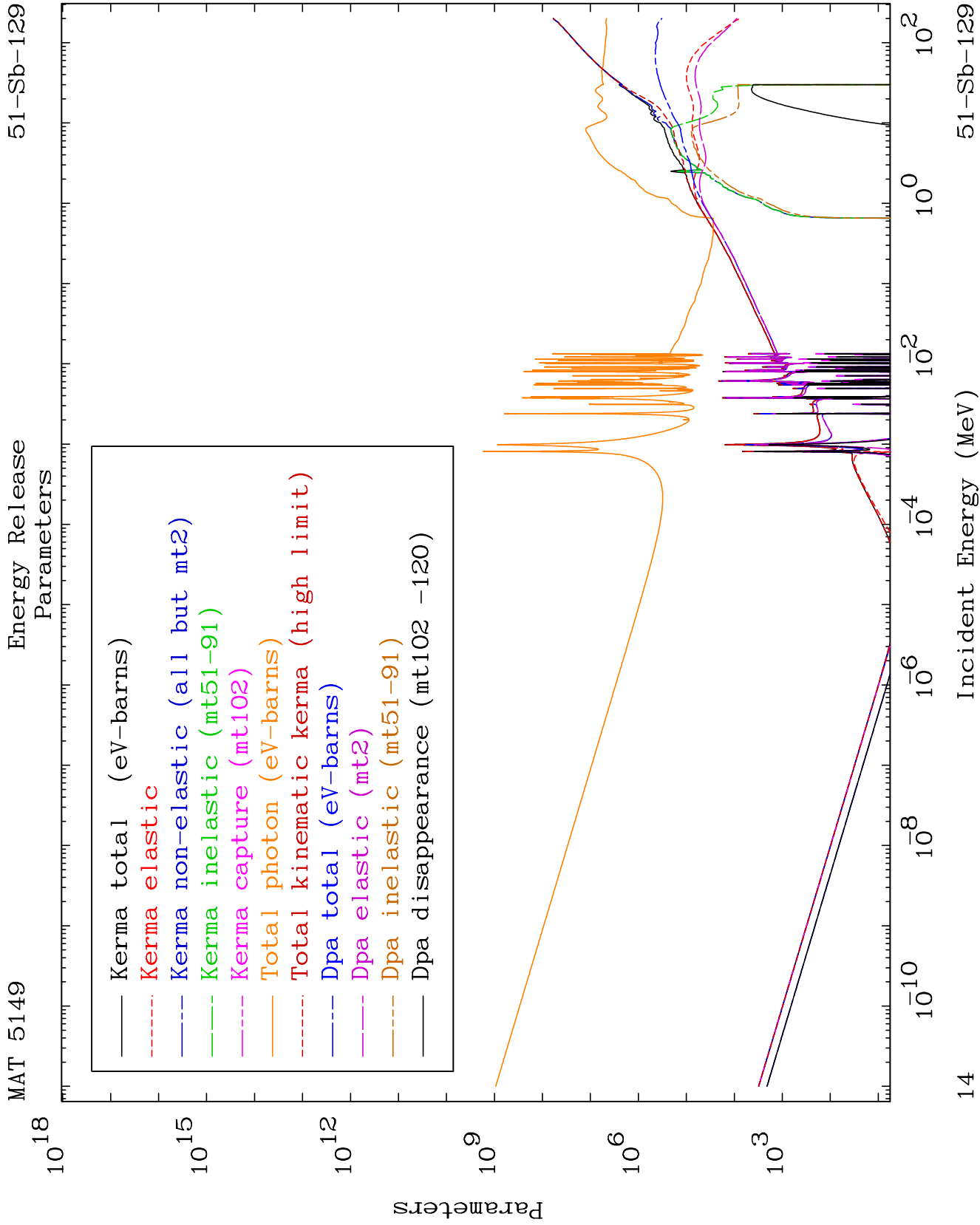


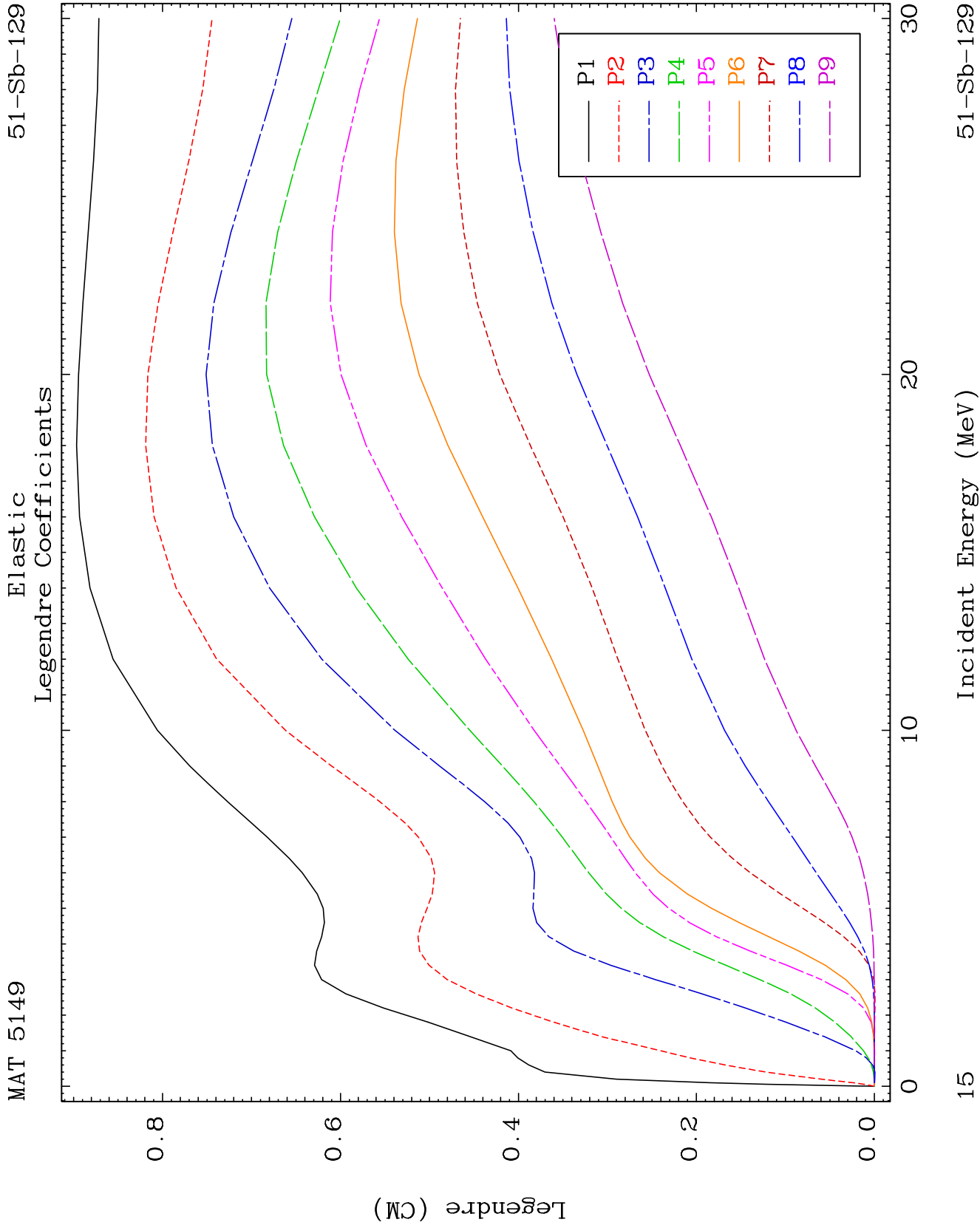
(n,t) Levels
293 Kelvin Cross Sections

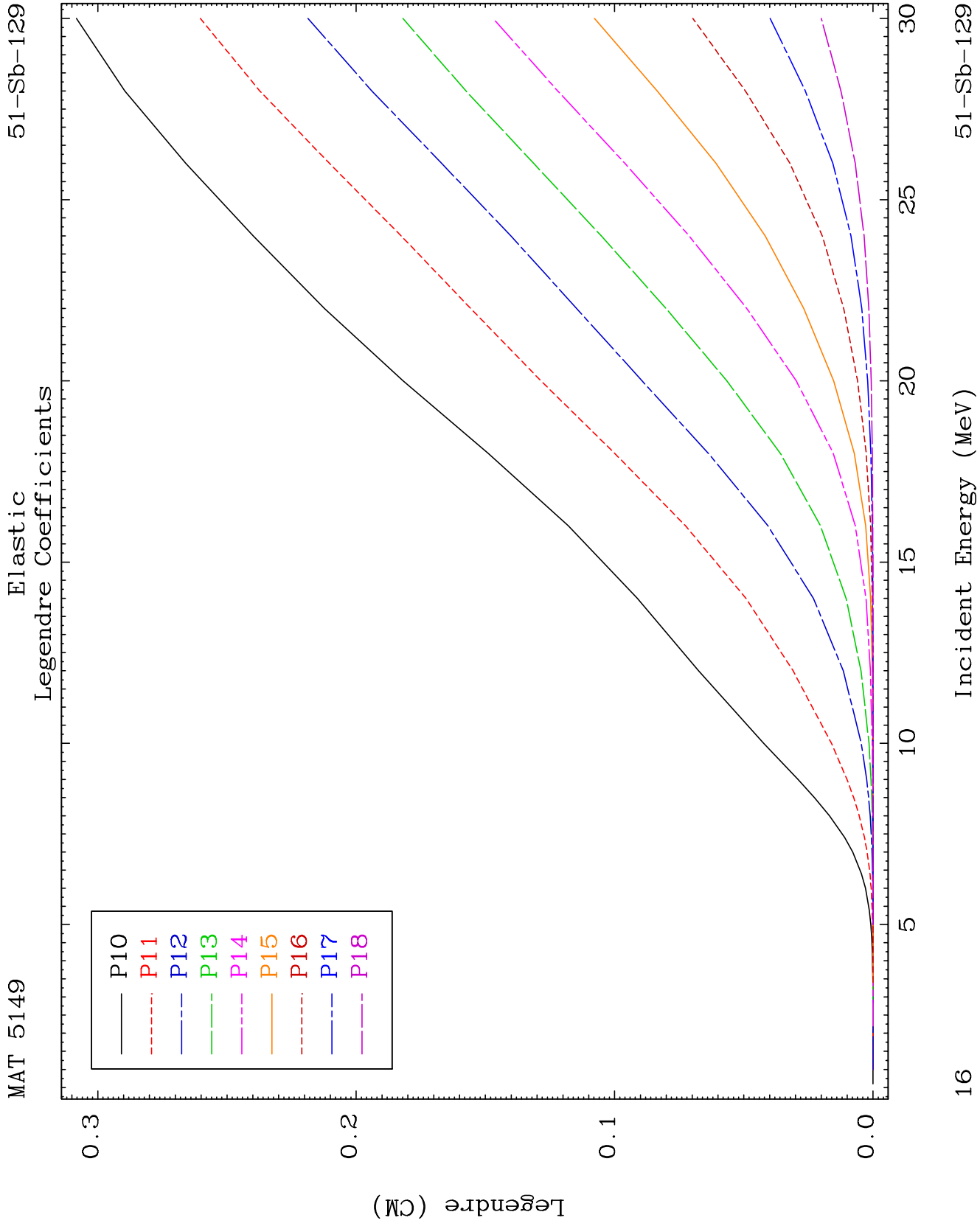


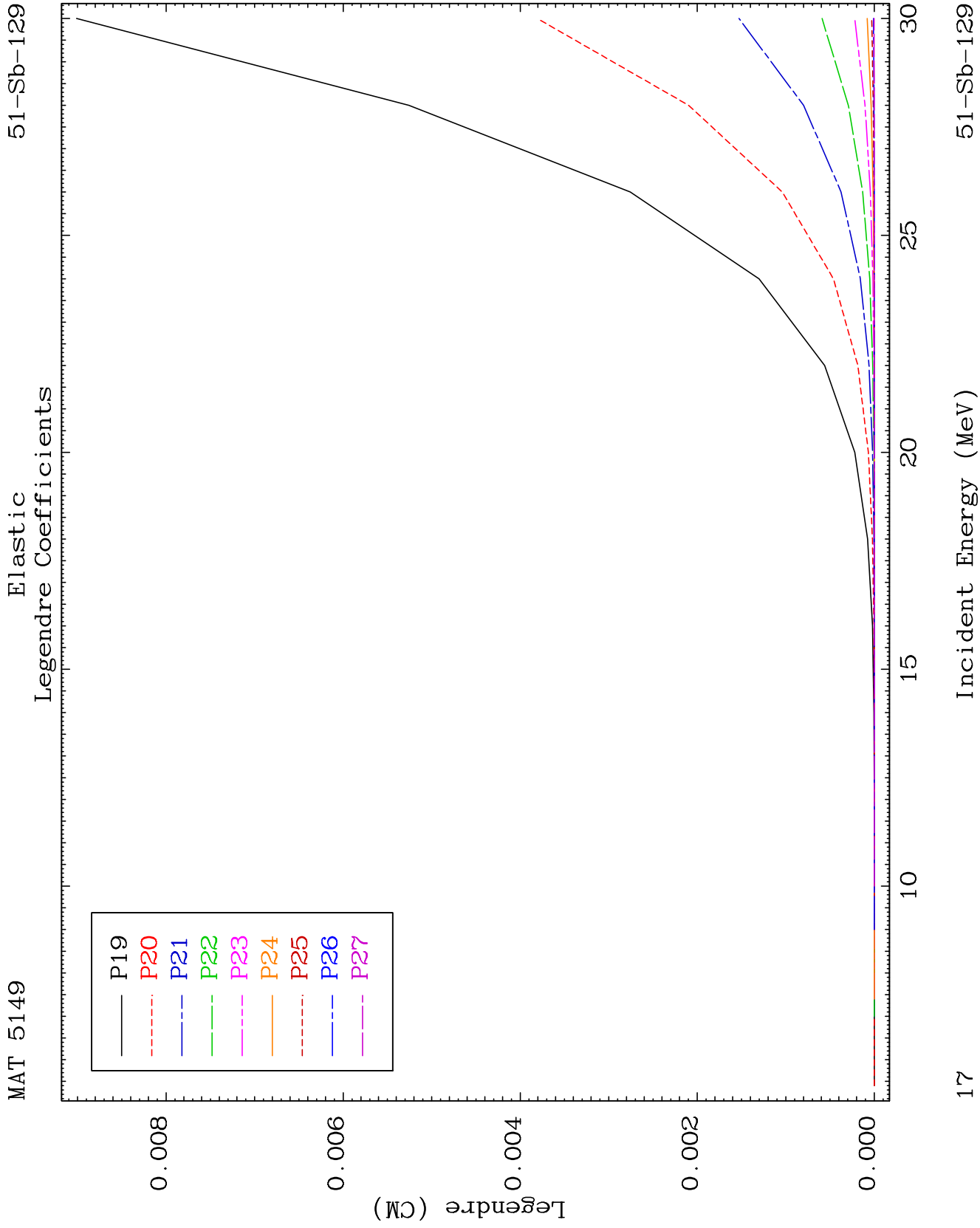


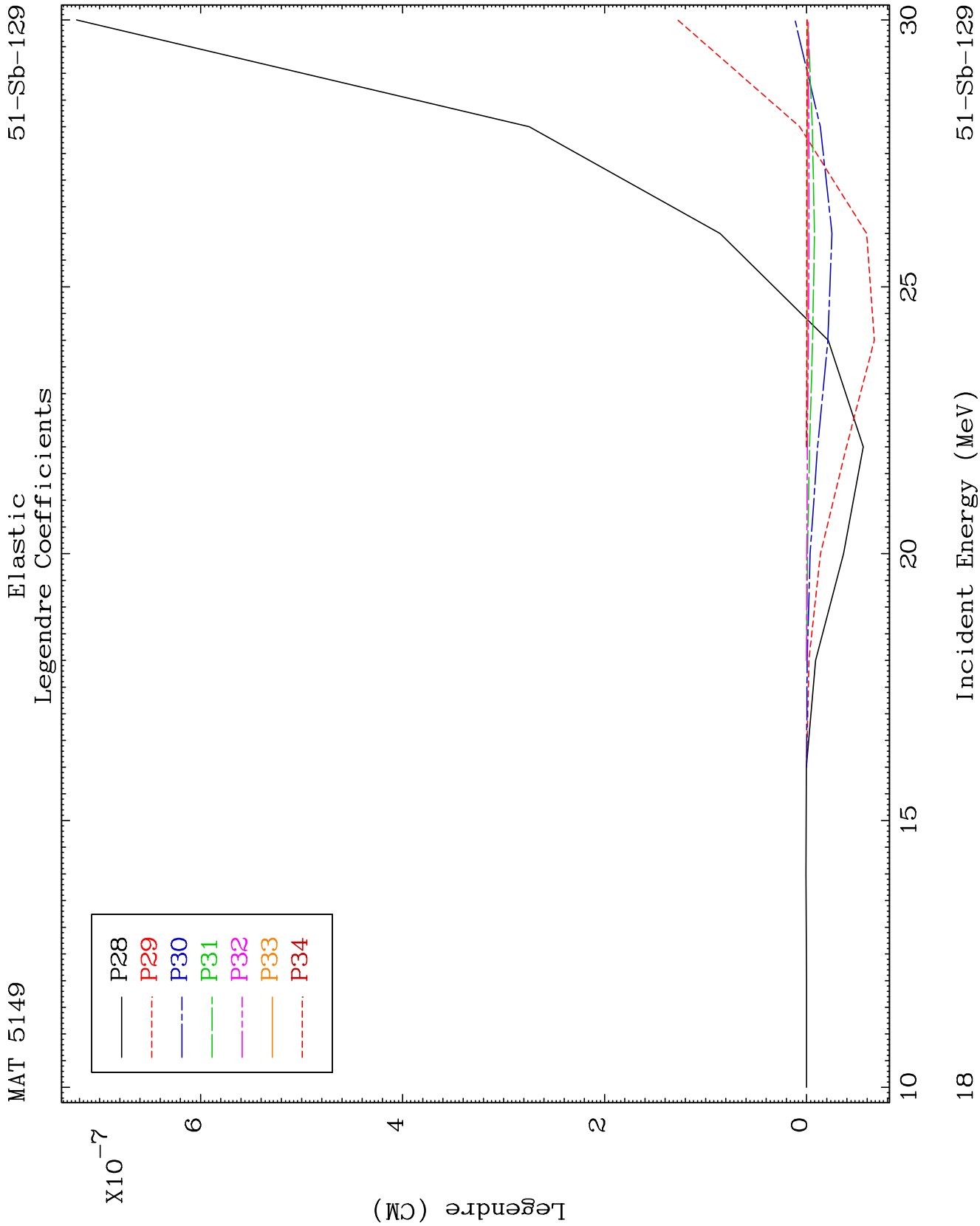


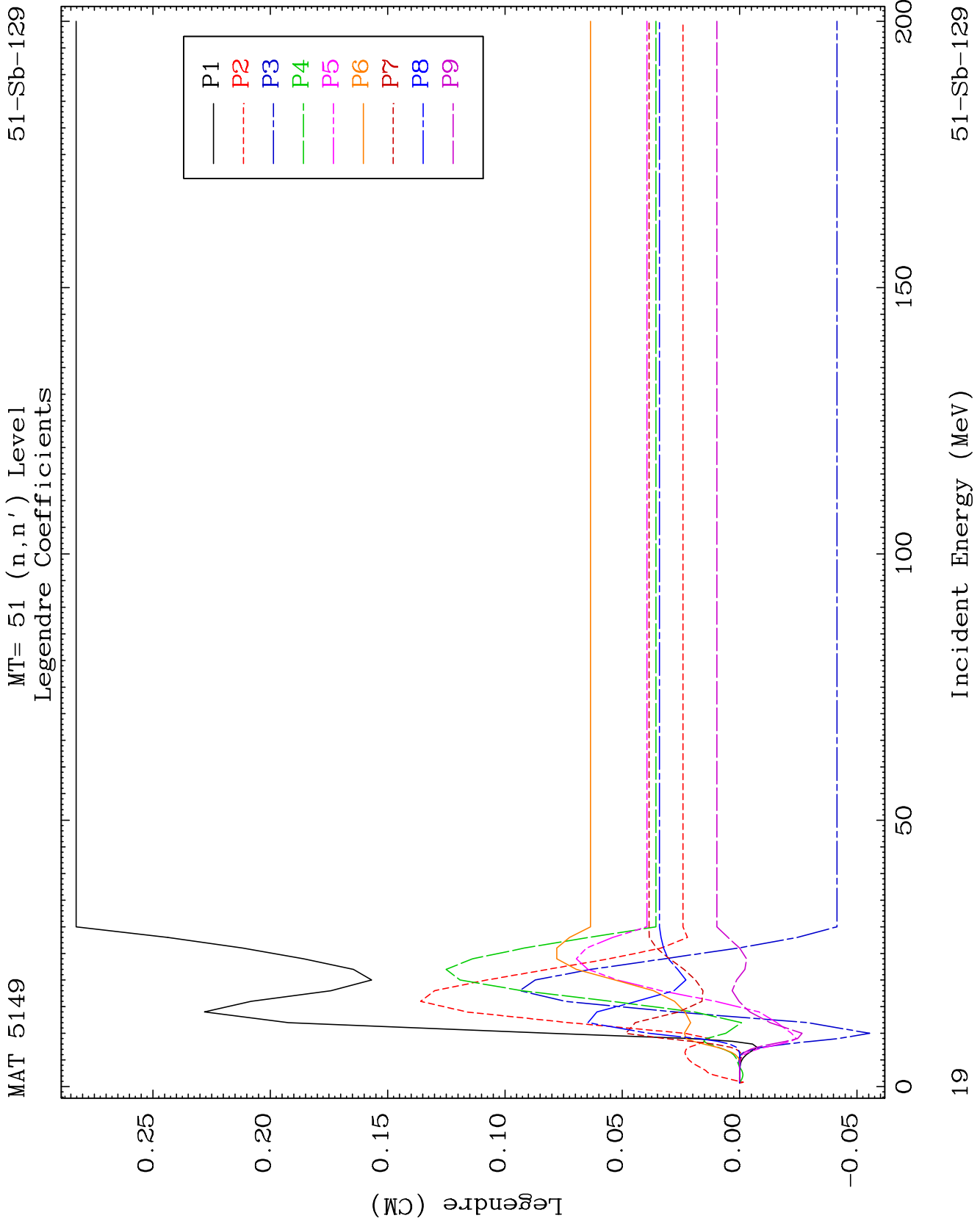








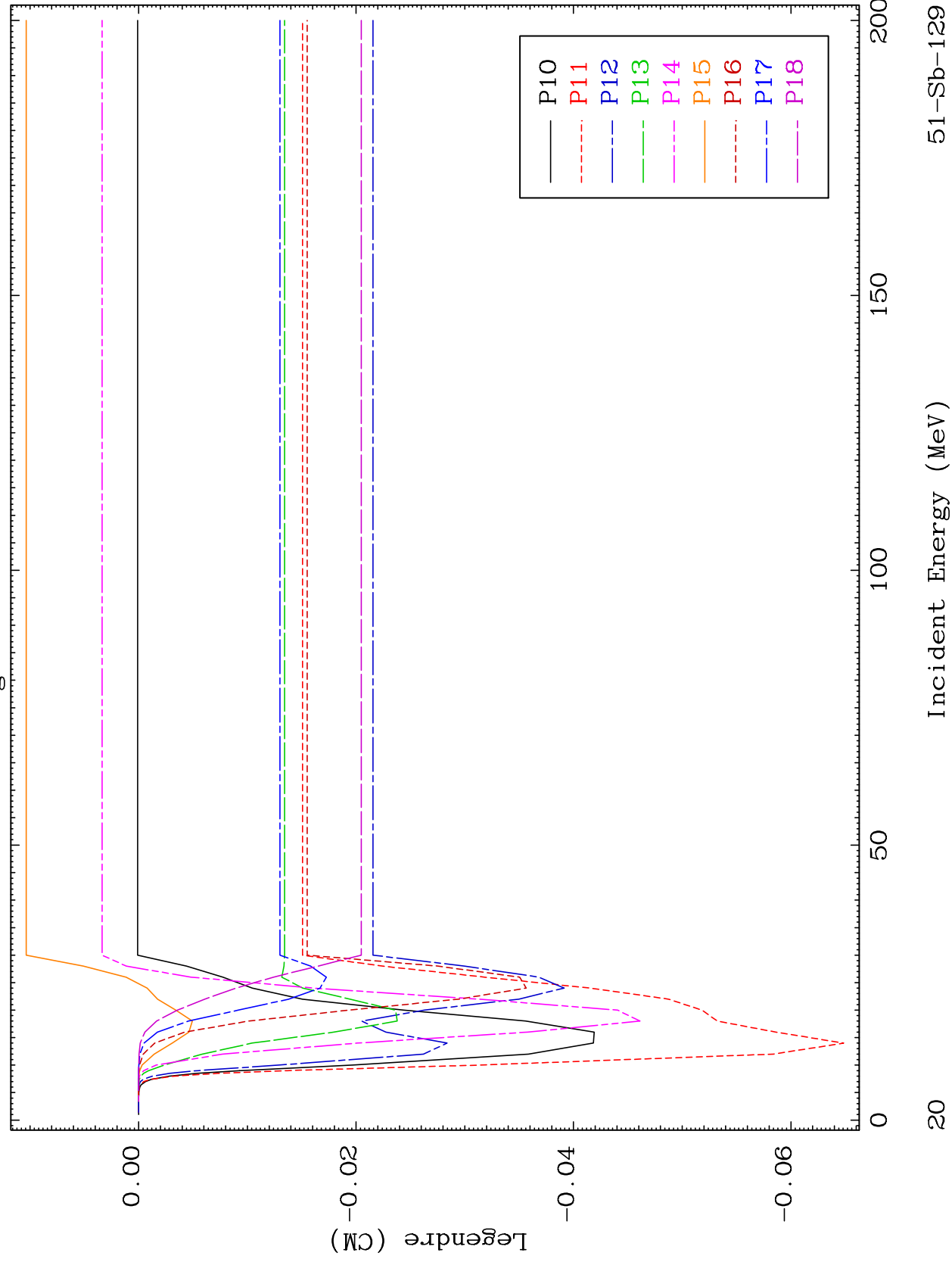


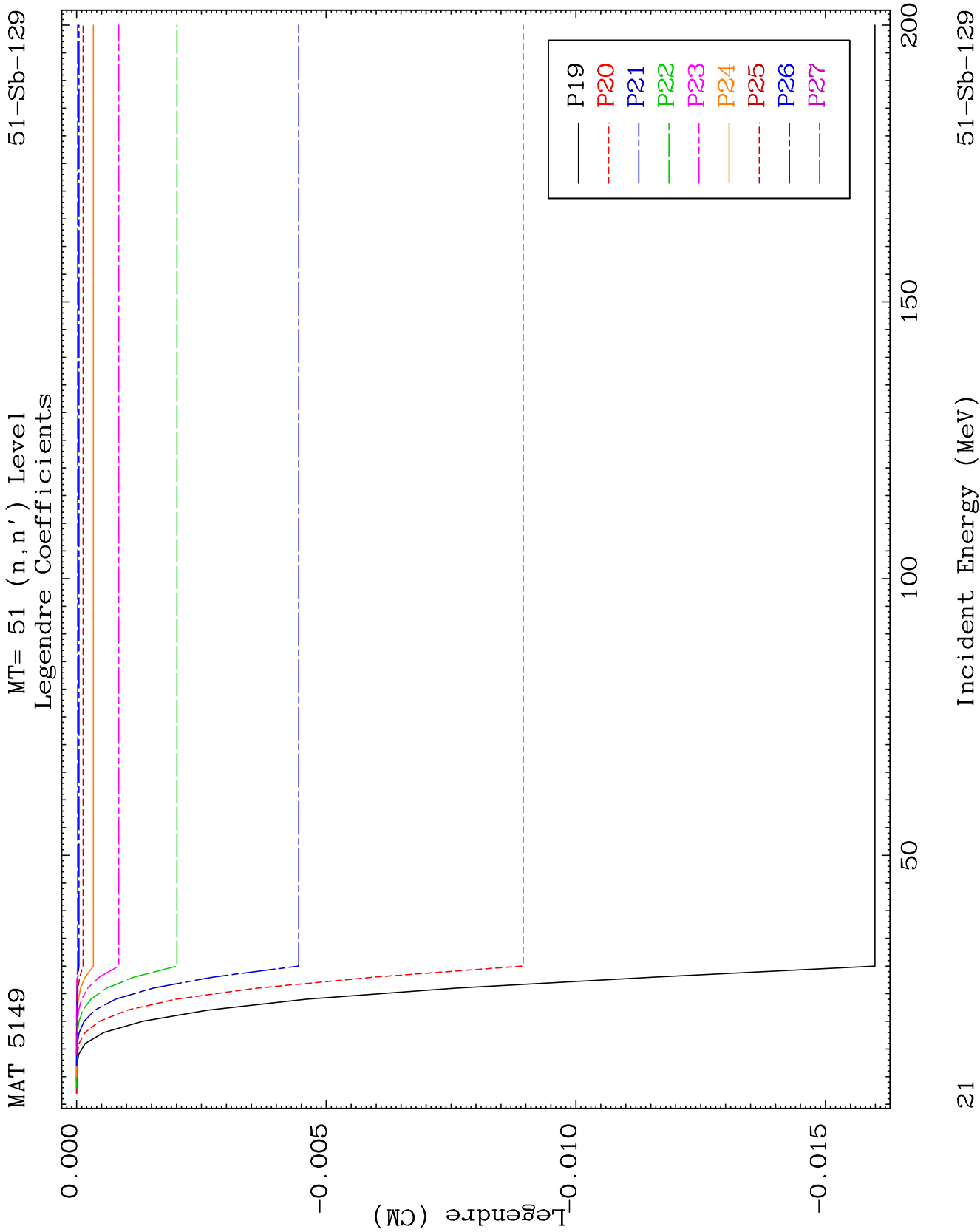


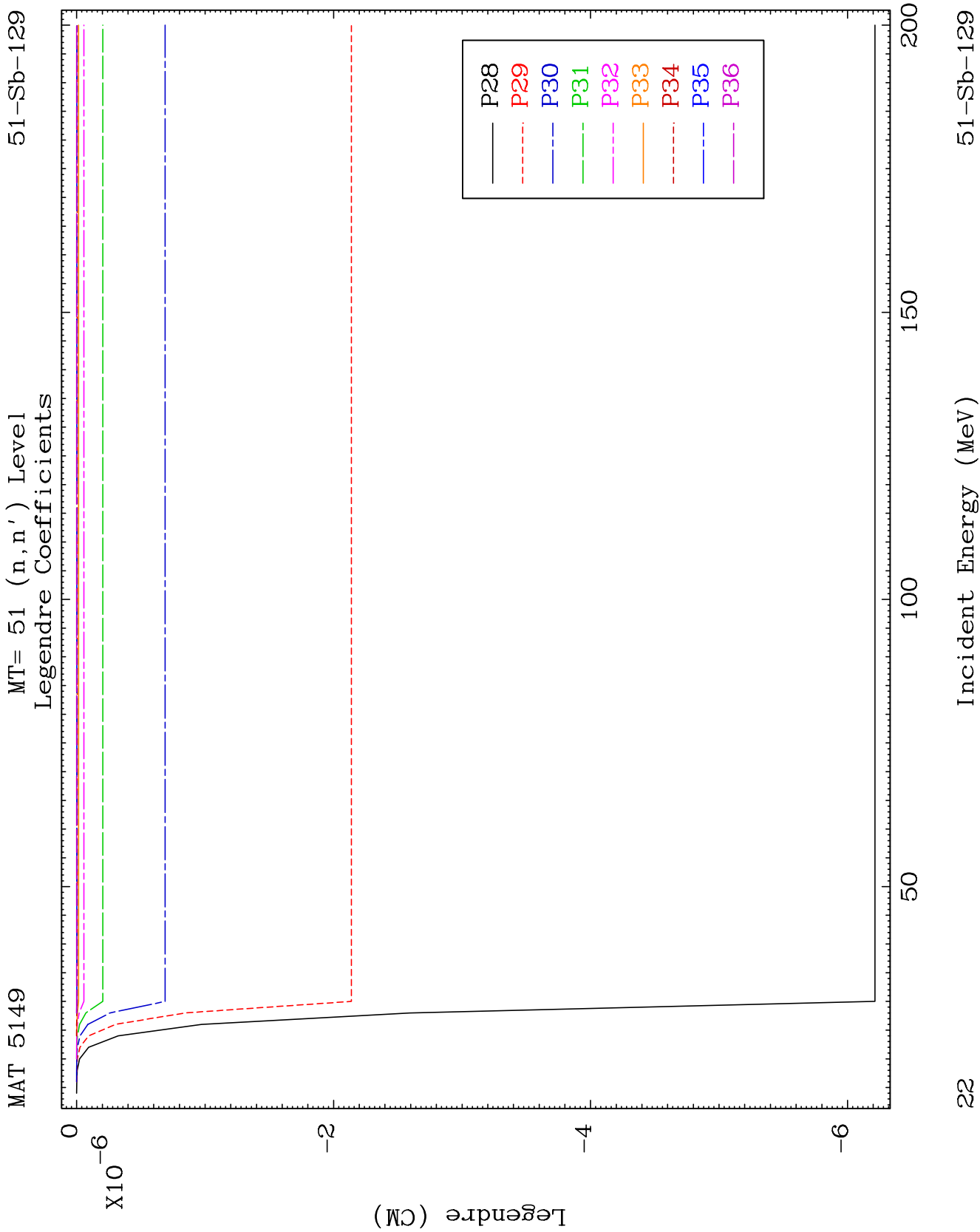
MAT 5149

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

51-Sb-129



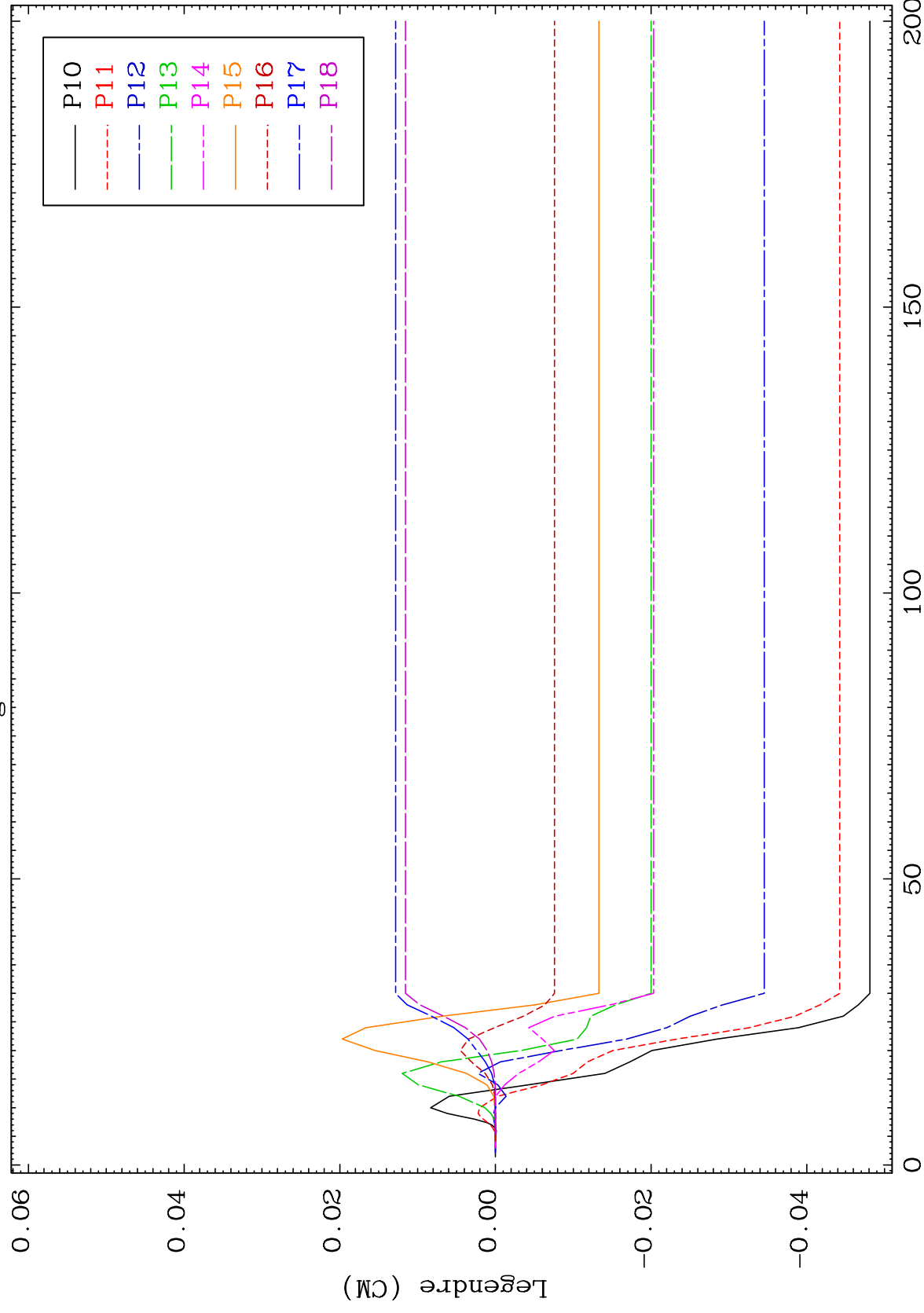




MAT 5149

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

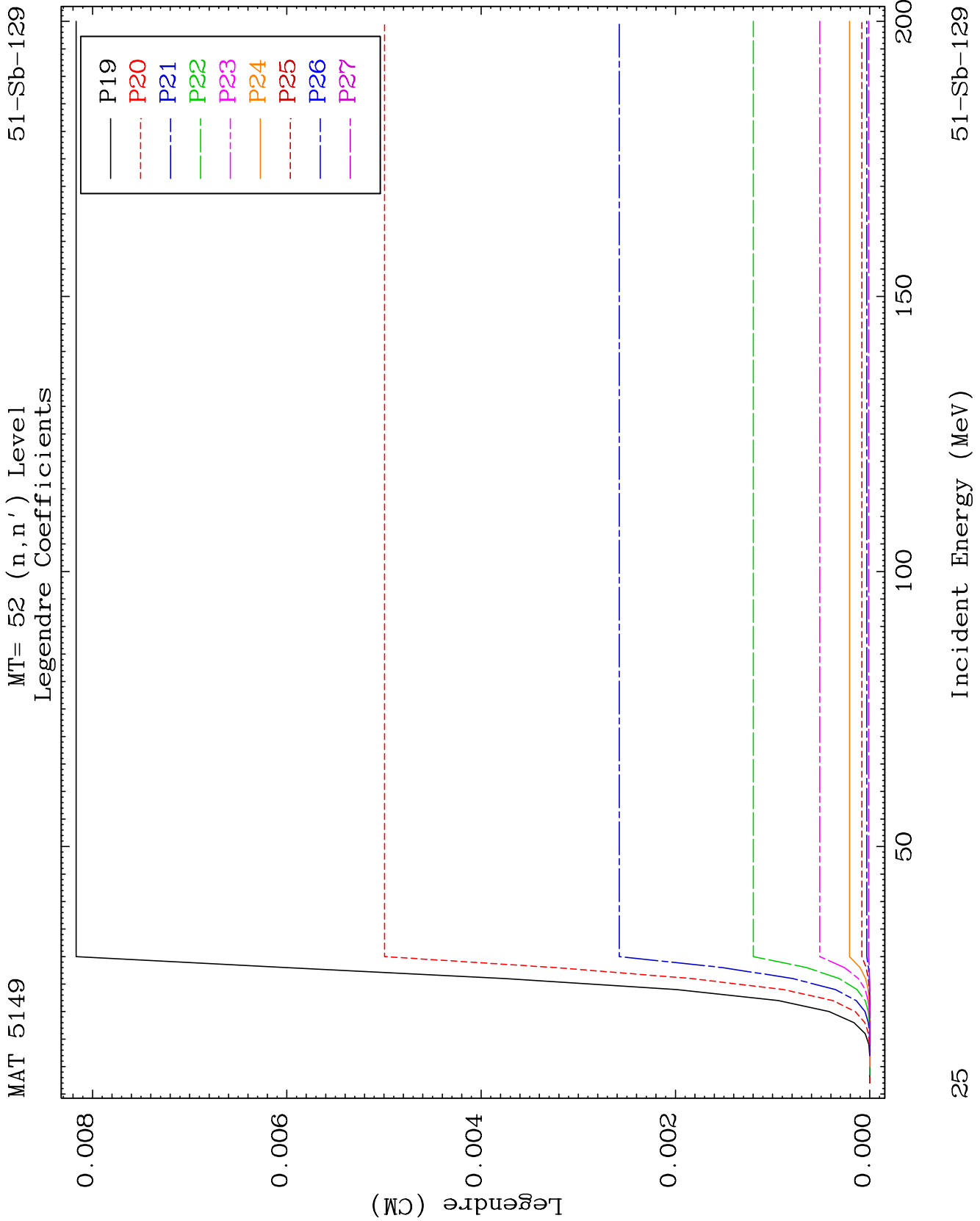
51-Sb-129

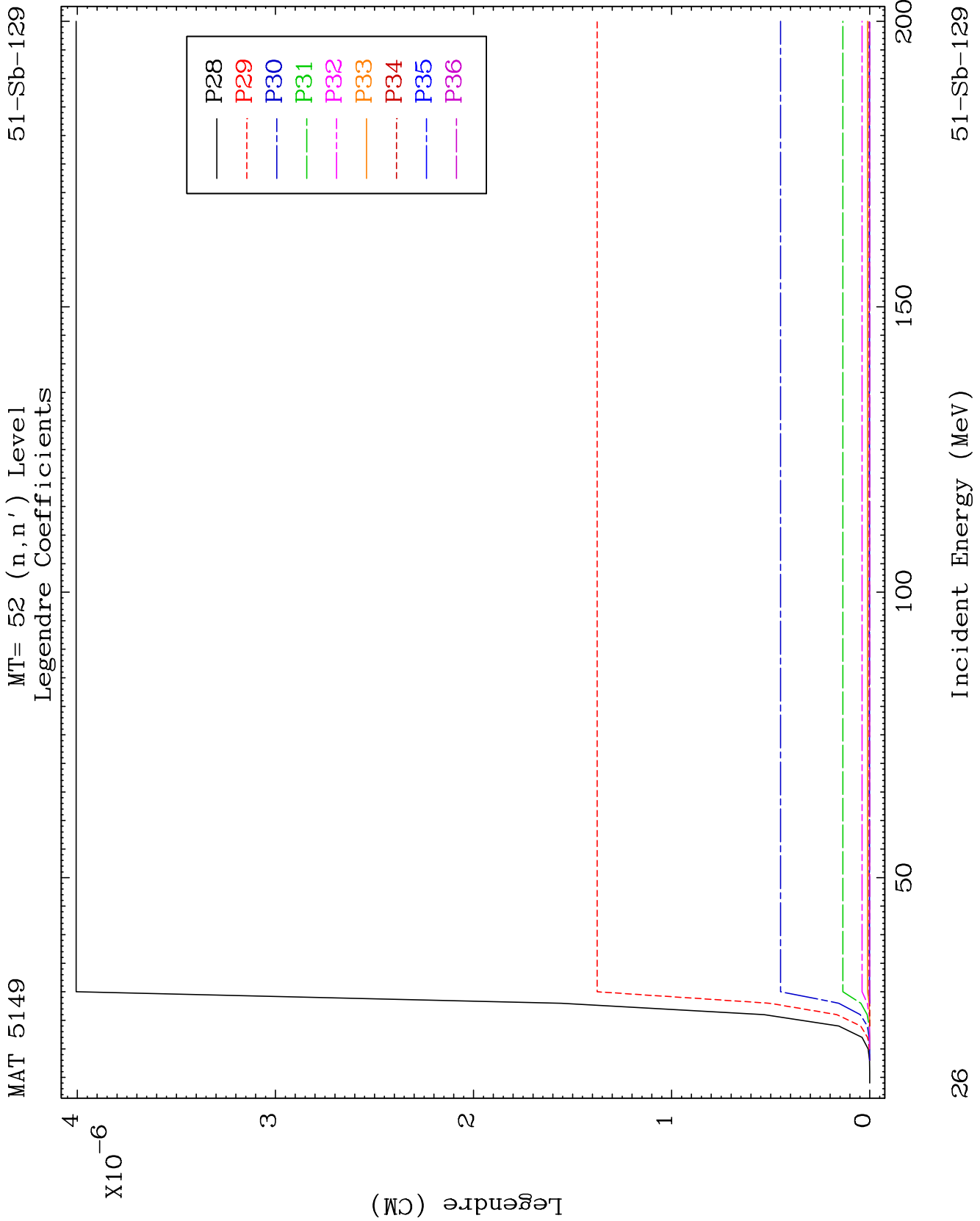


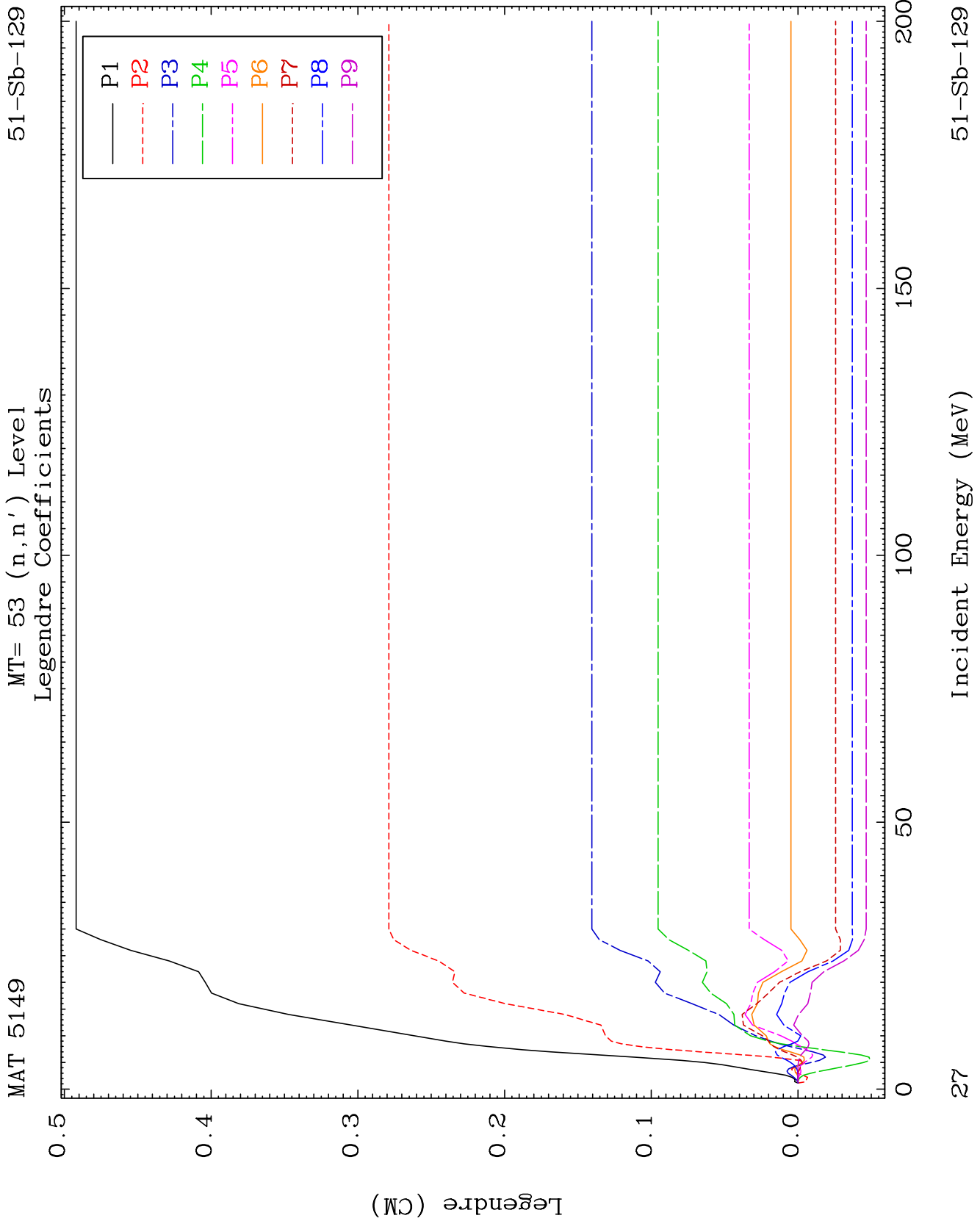
24

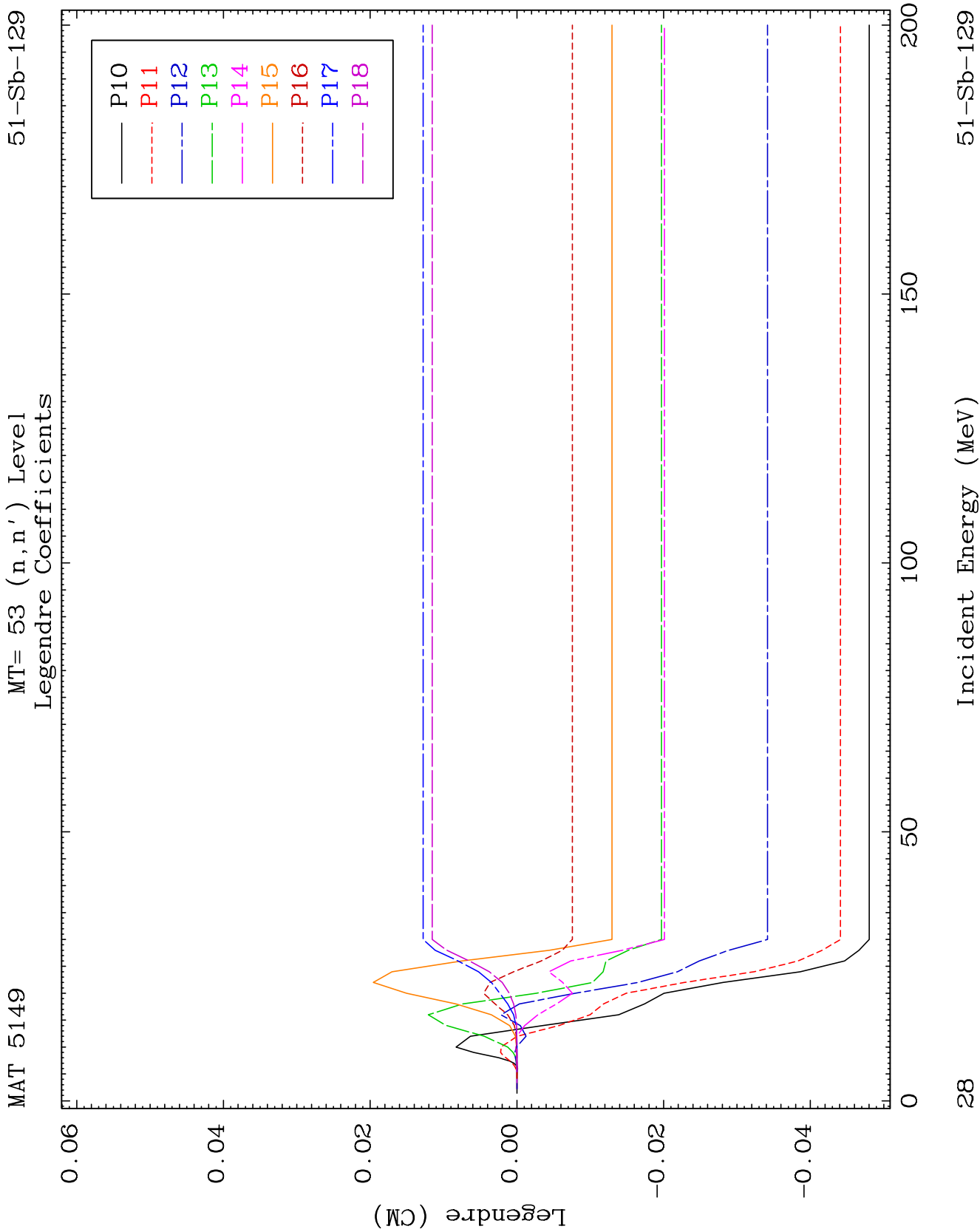
Incident Energy (MeV)

51-Sb-129





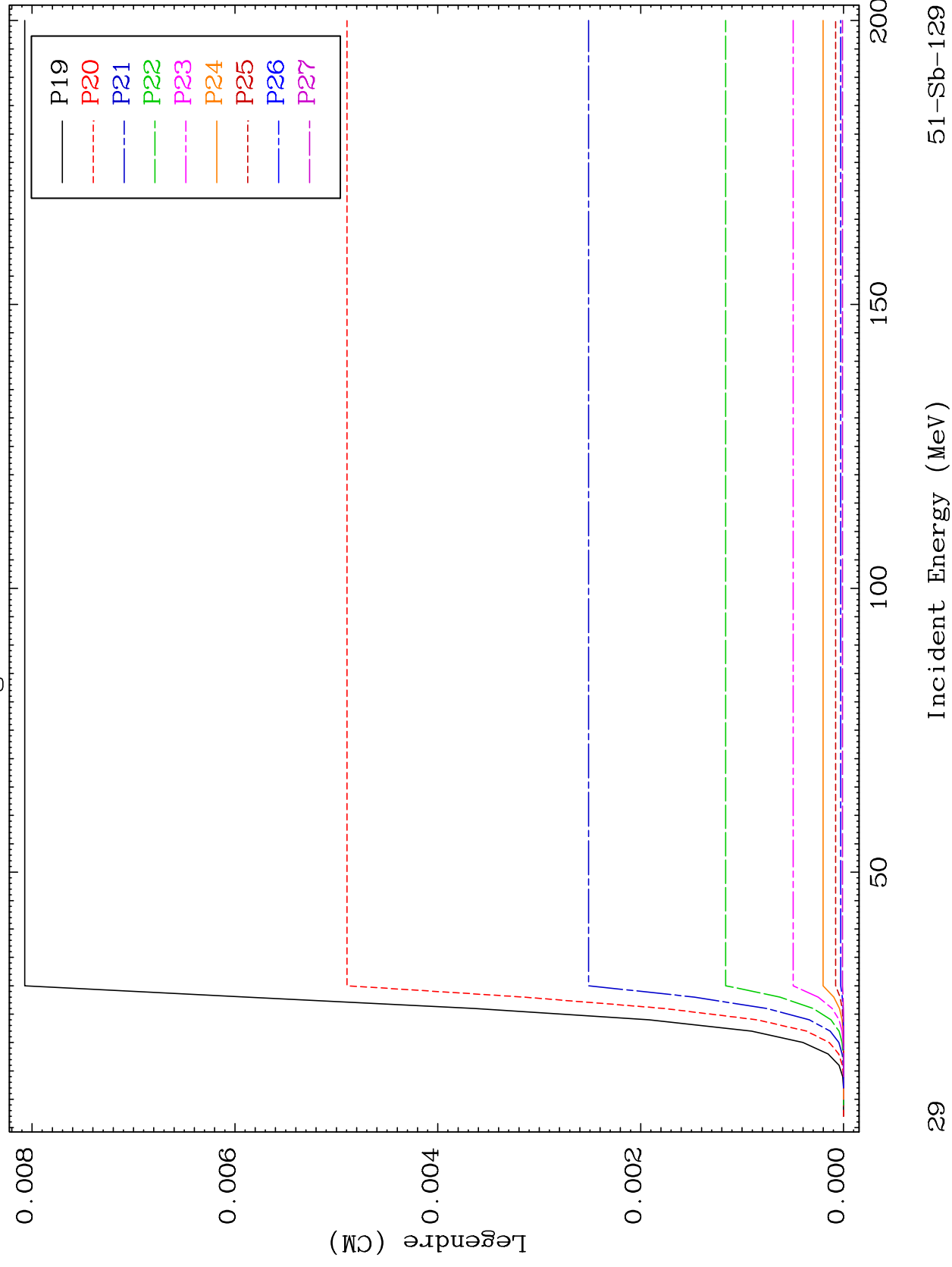


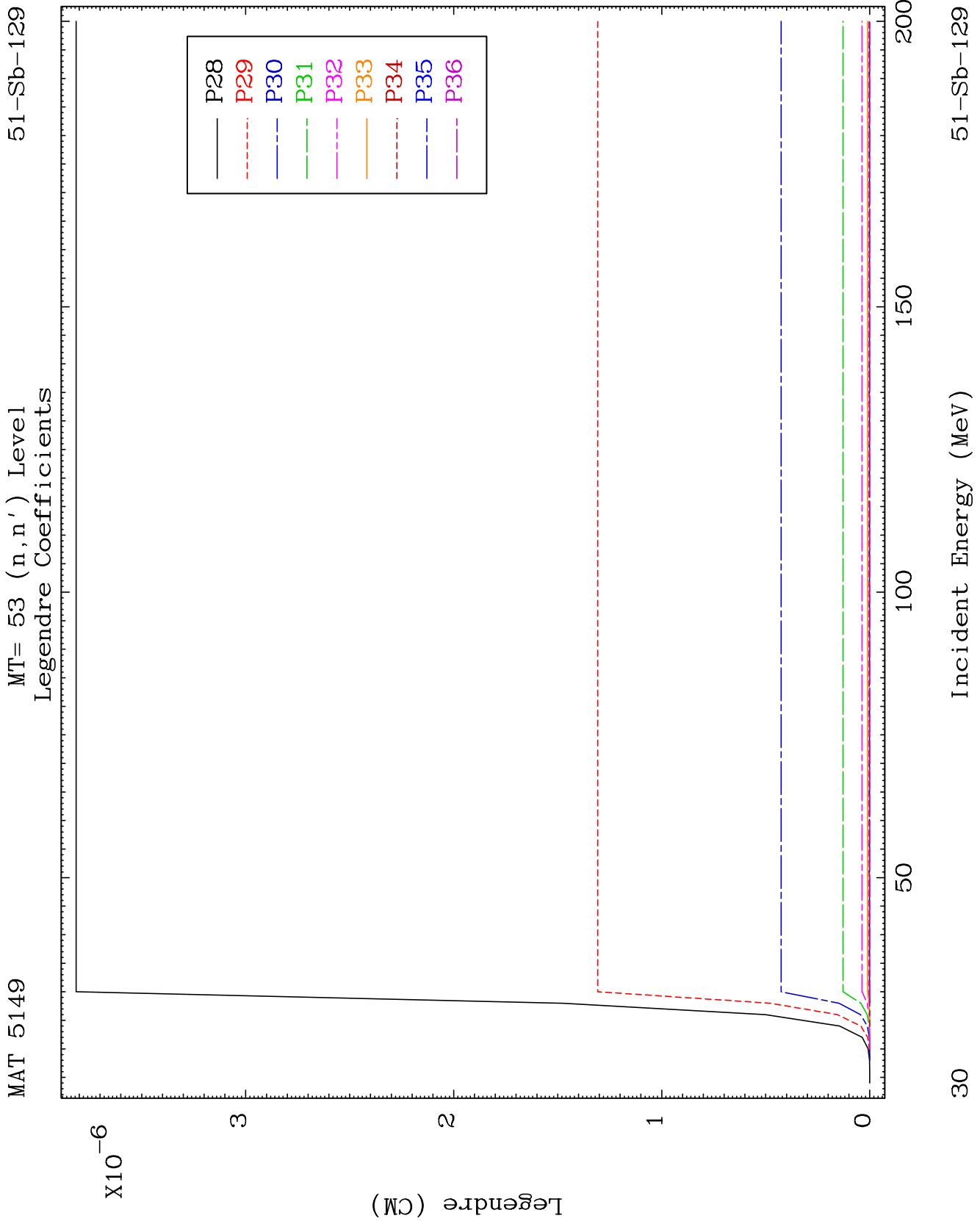


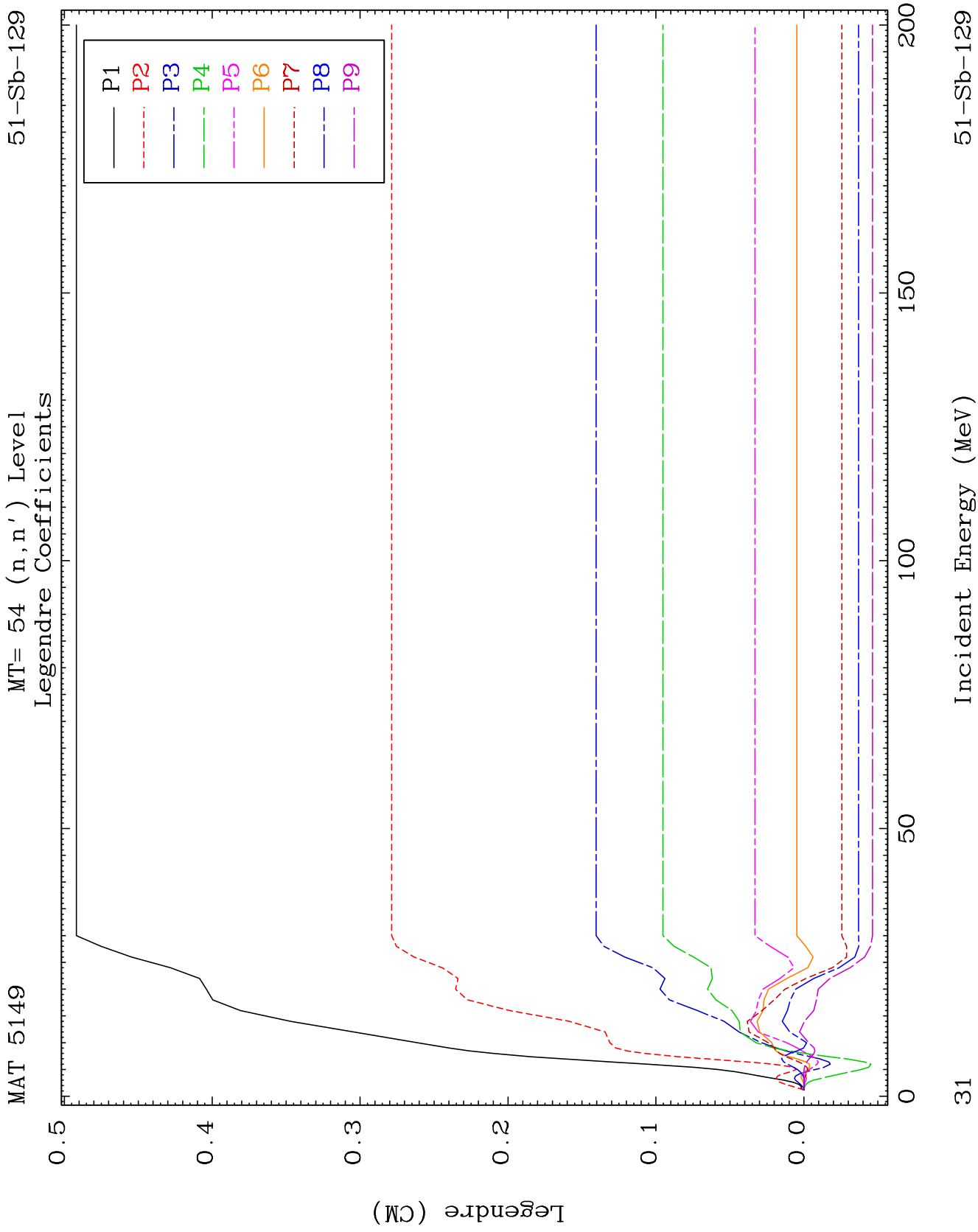
MAT 5149

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

51-Sb-129



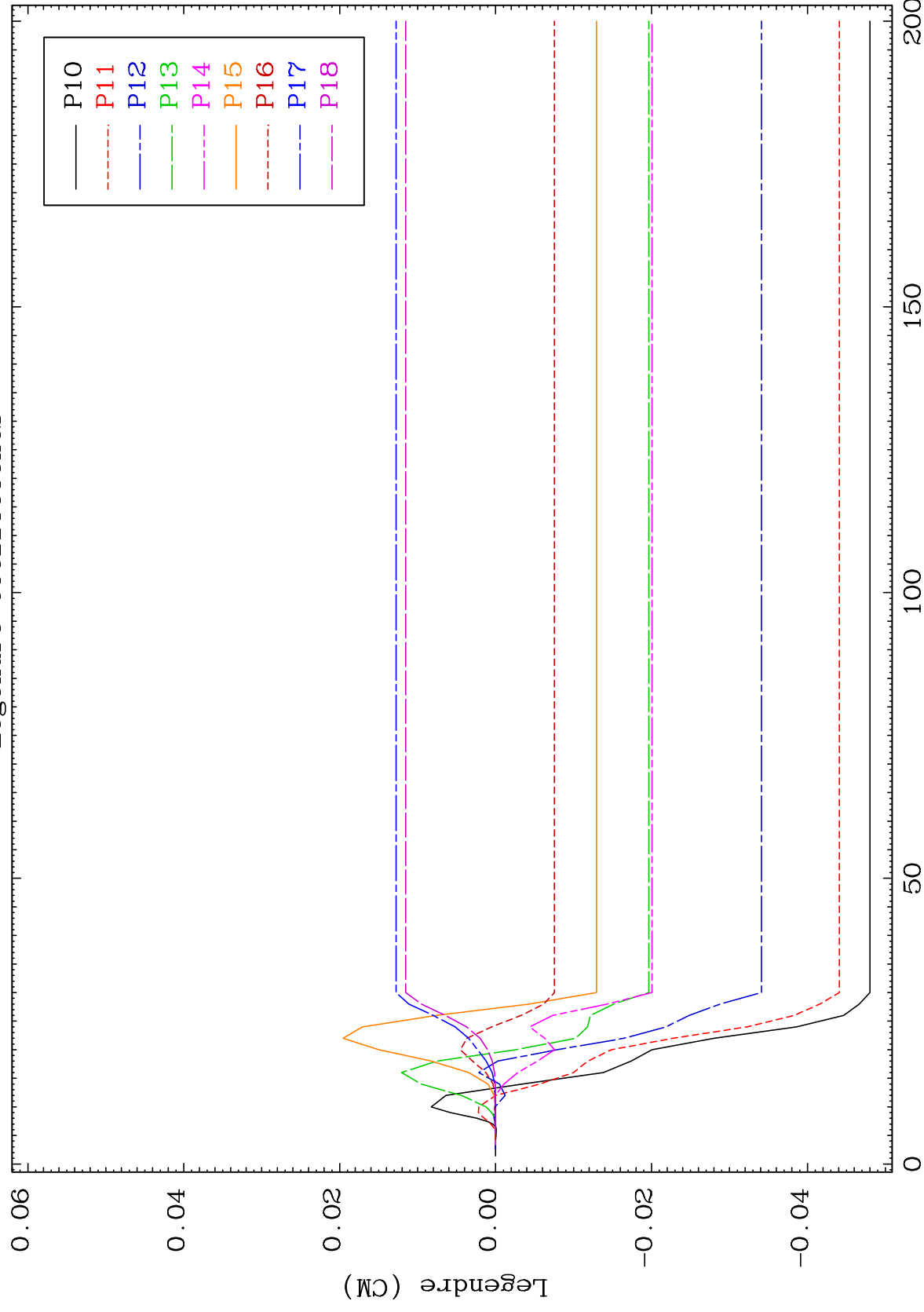




MAT 5149

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

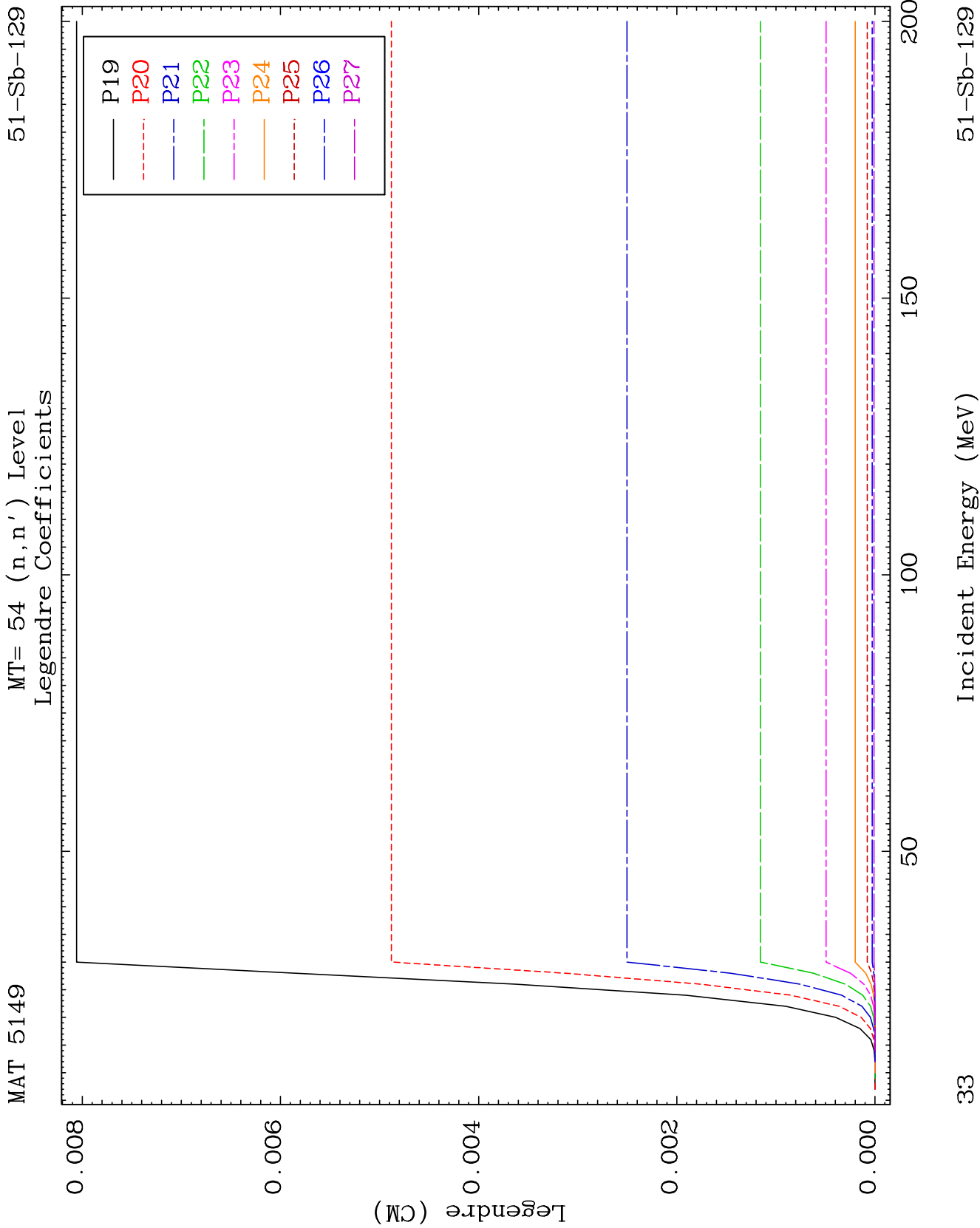
51-Sb-129

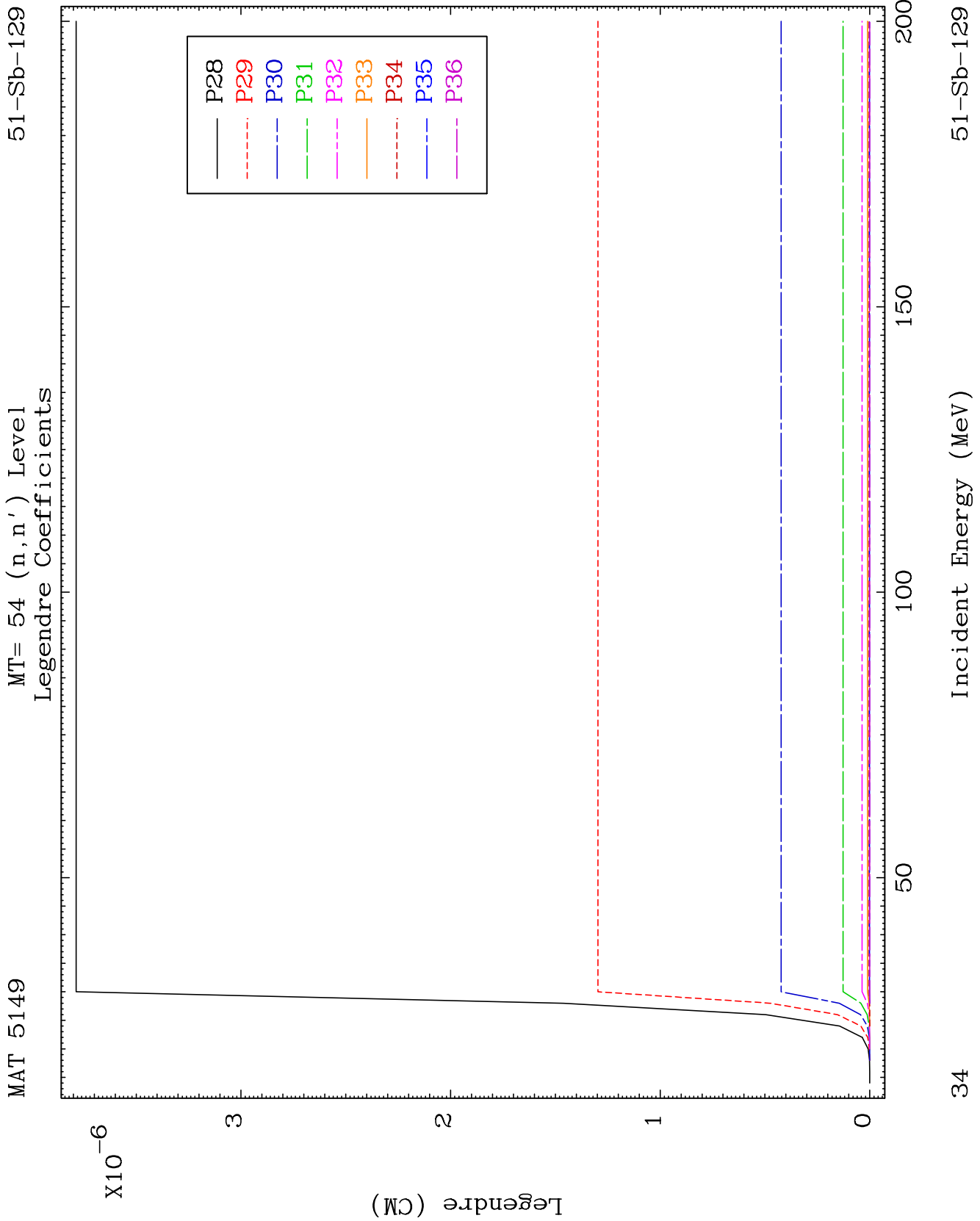


23

Incident Energy (MeV)

51-Sb-129

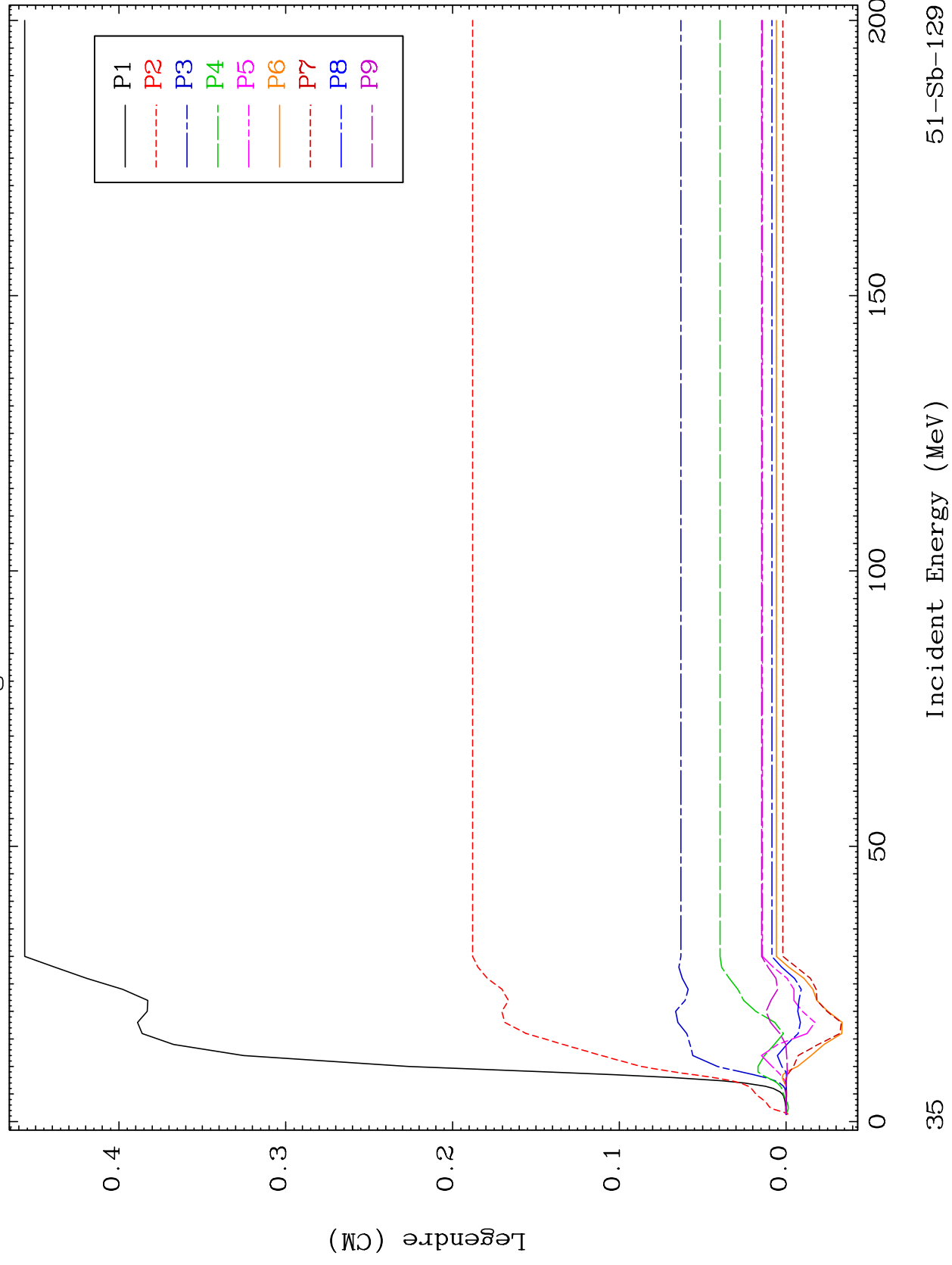


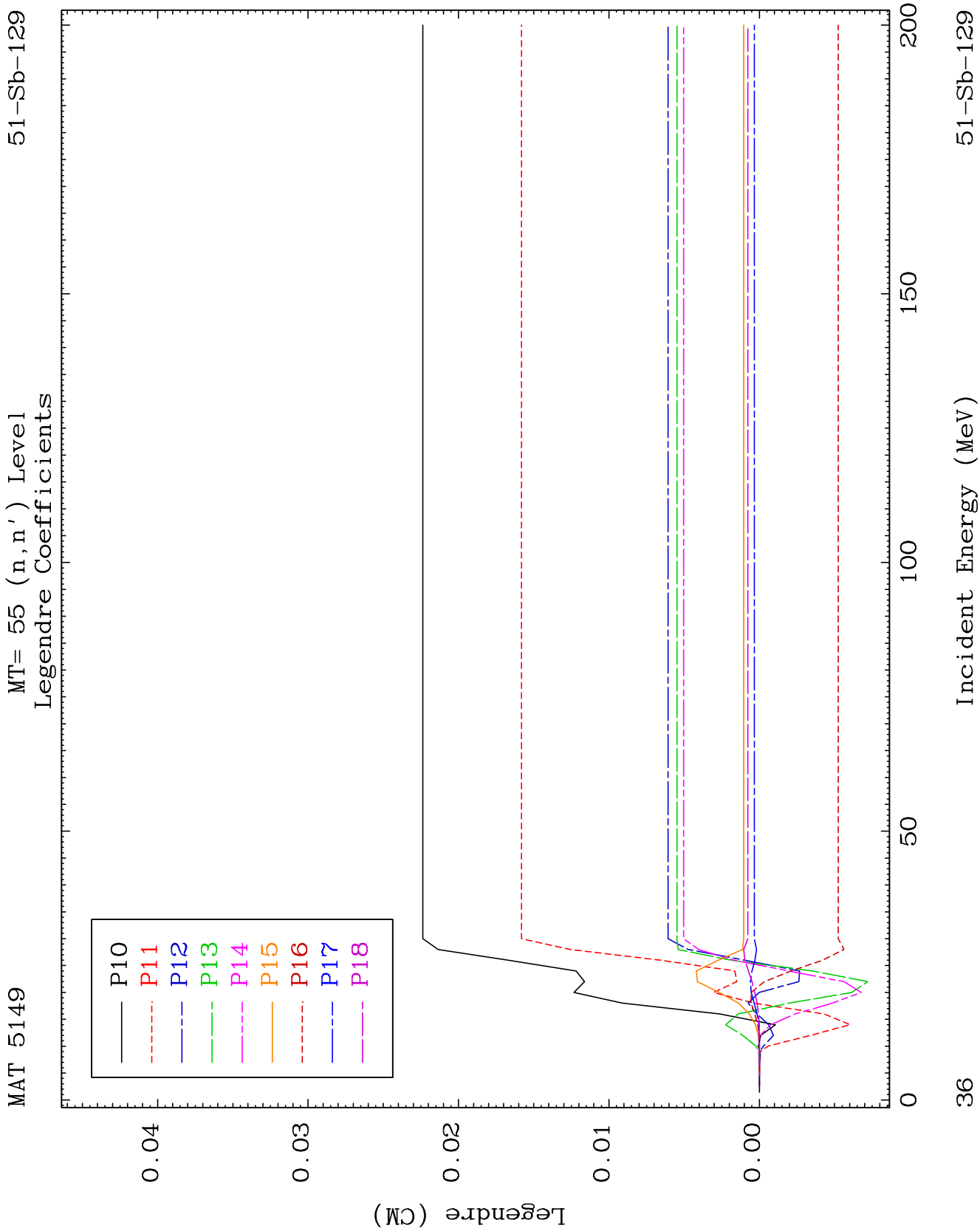


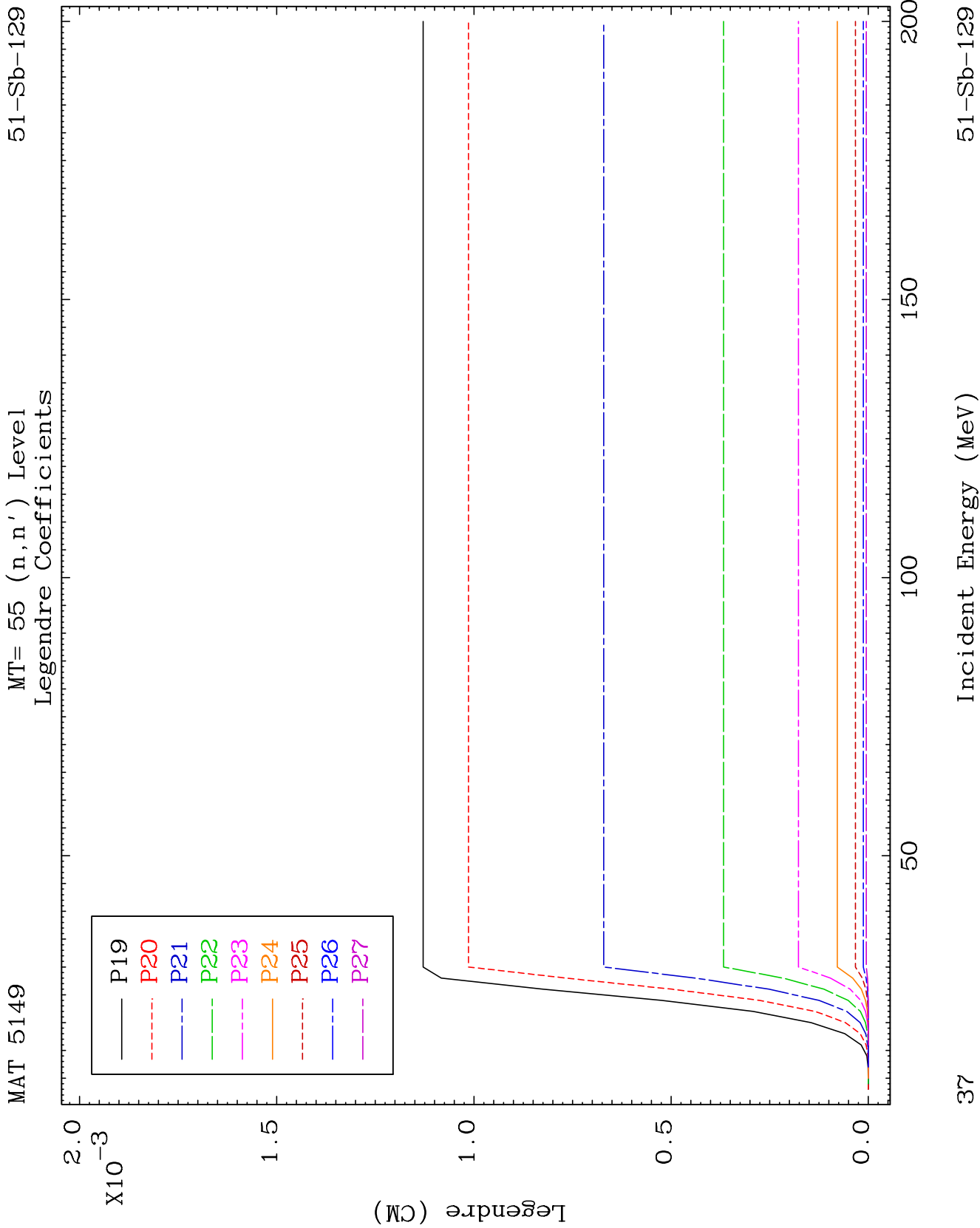
MAT 5149

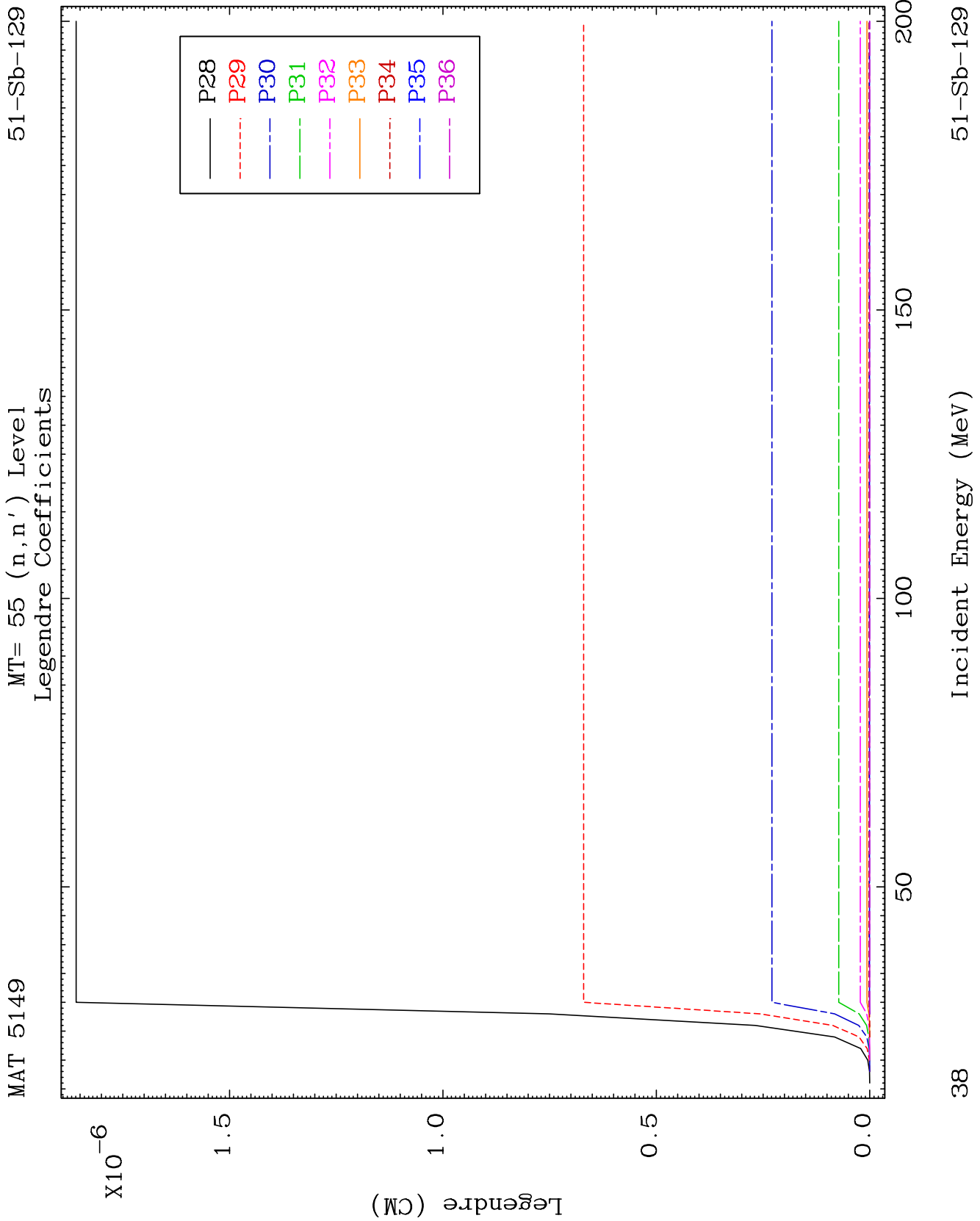
MT= 55 (n, n') Level
Legendre Coefficients

51-Sb-129





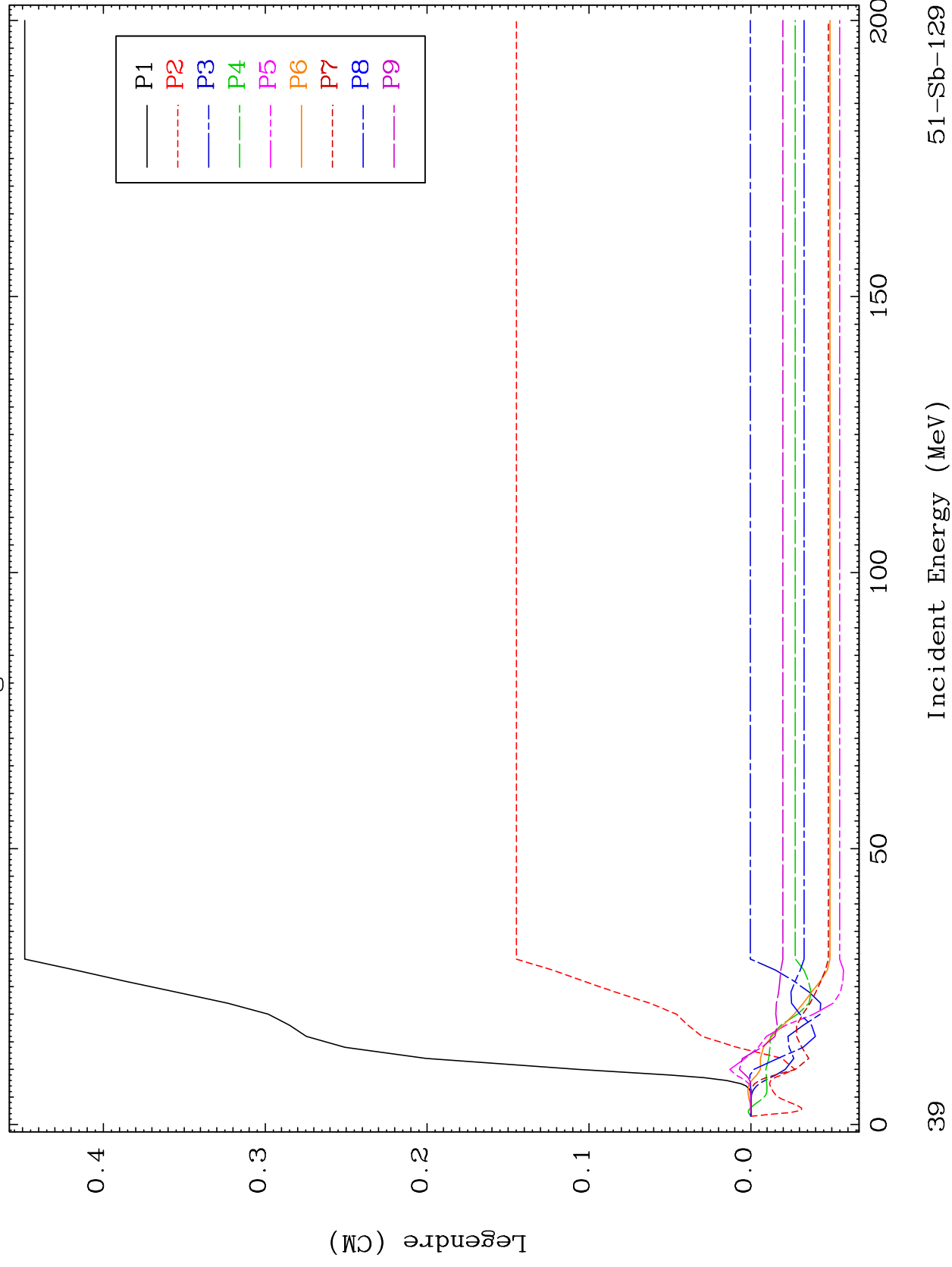




MAT 5149

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

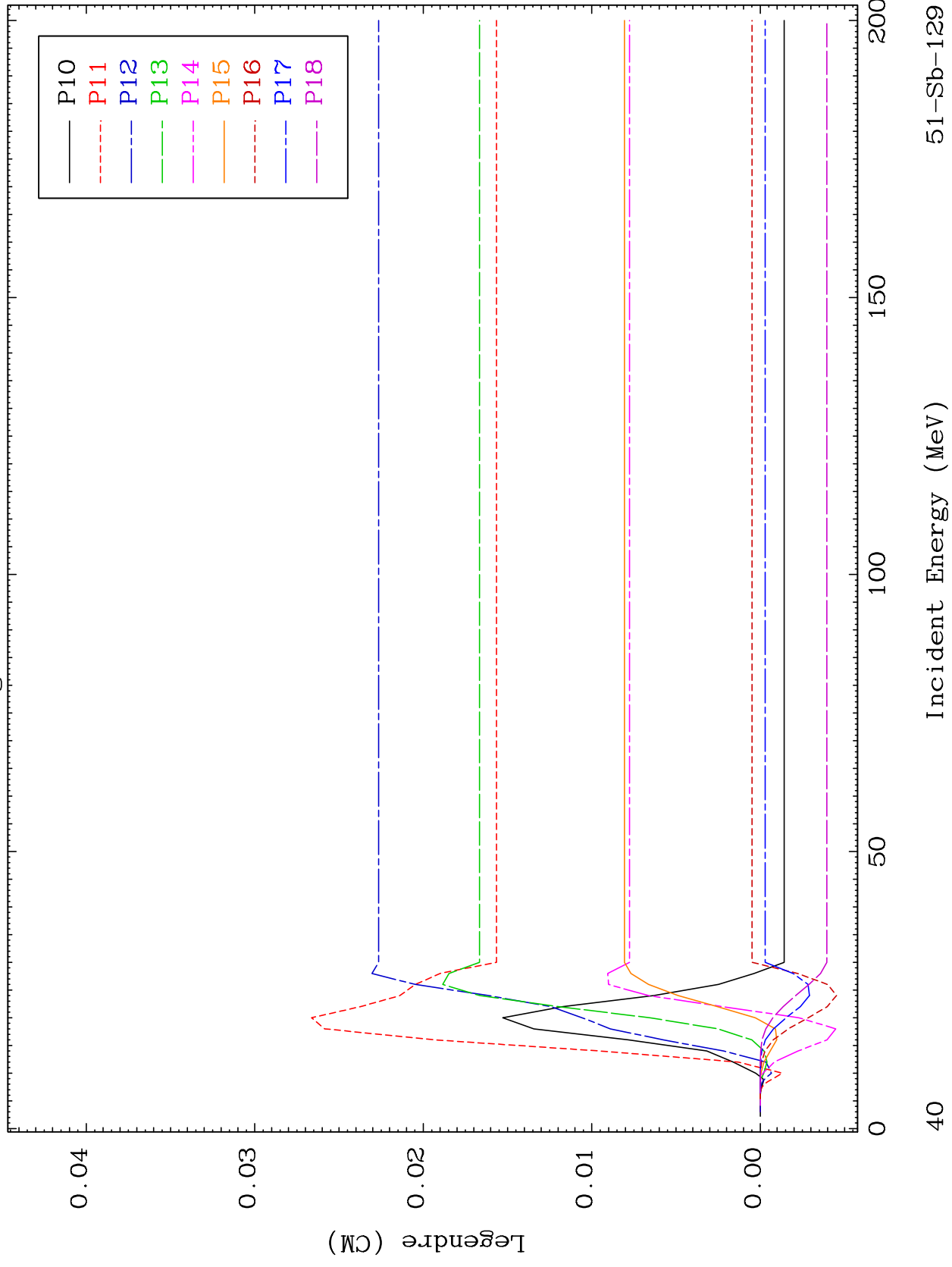
51-Sb-129

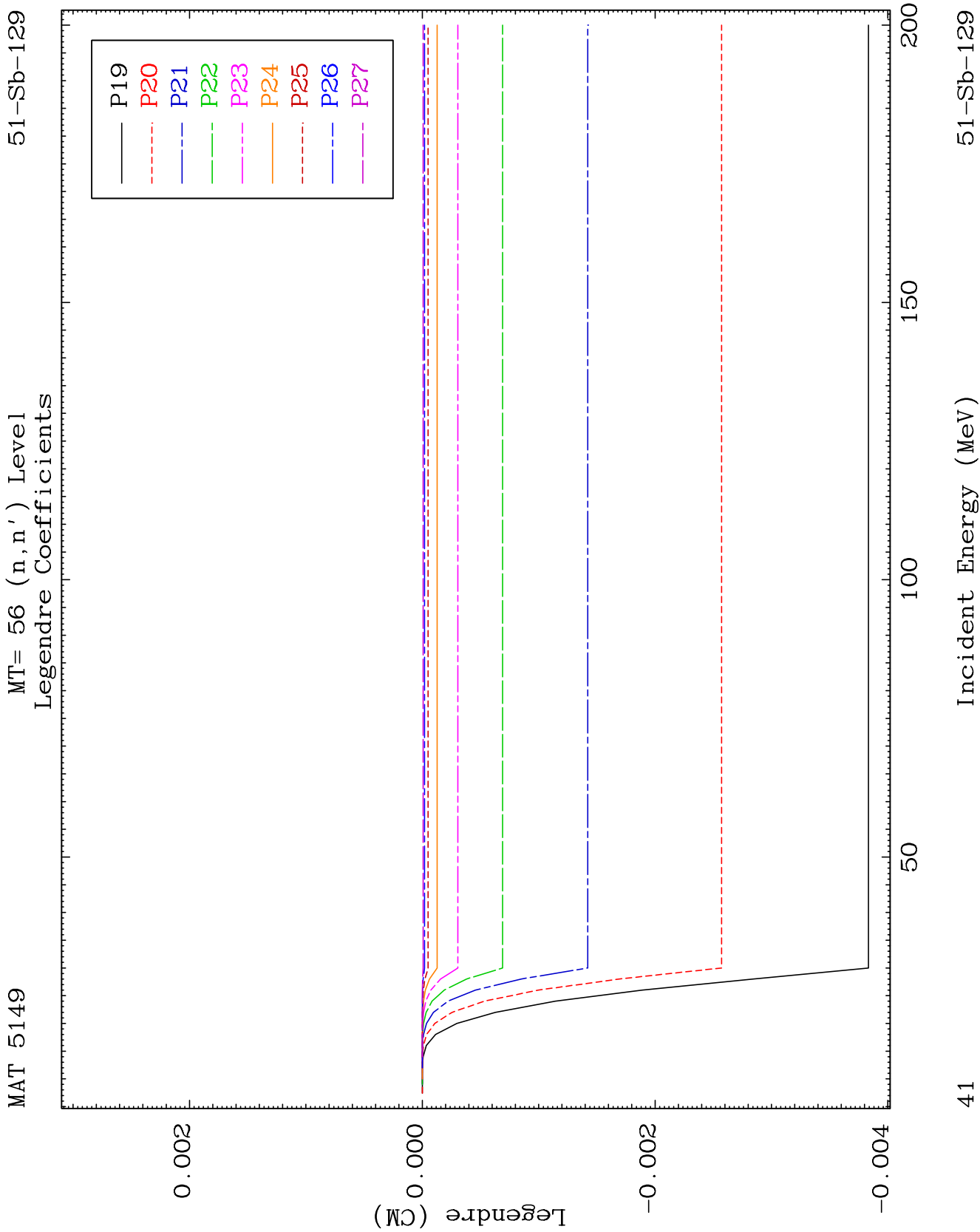


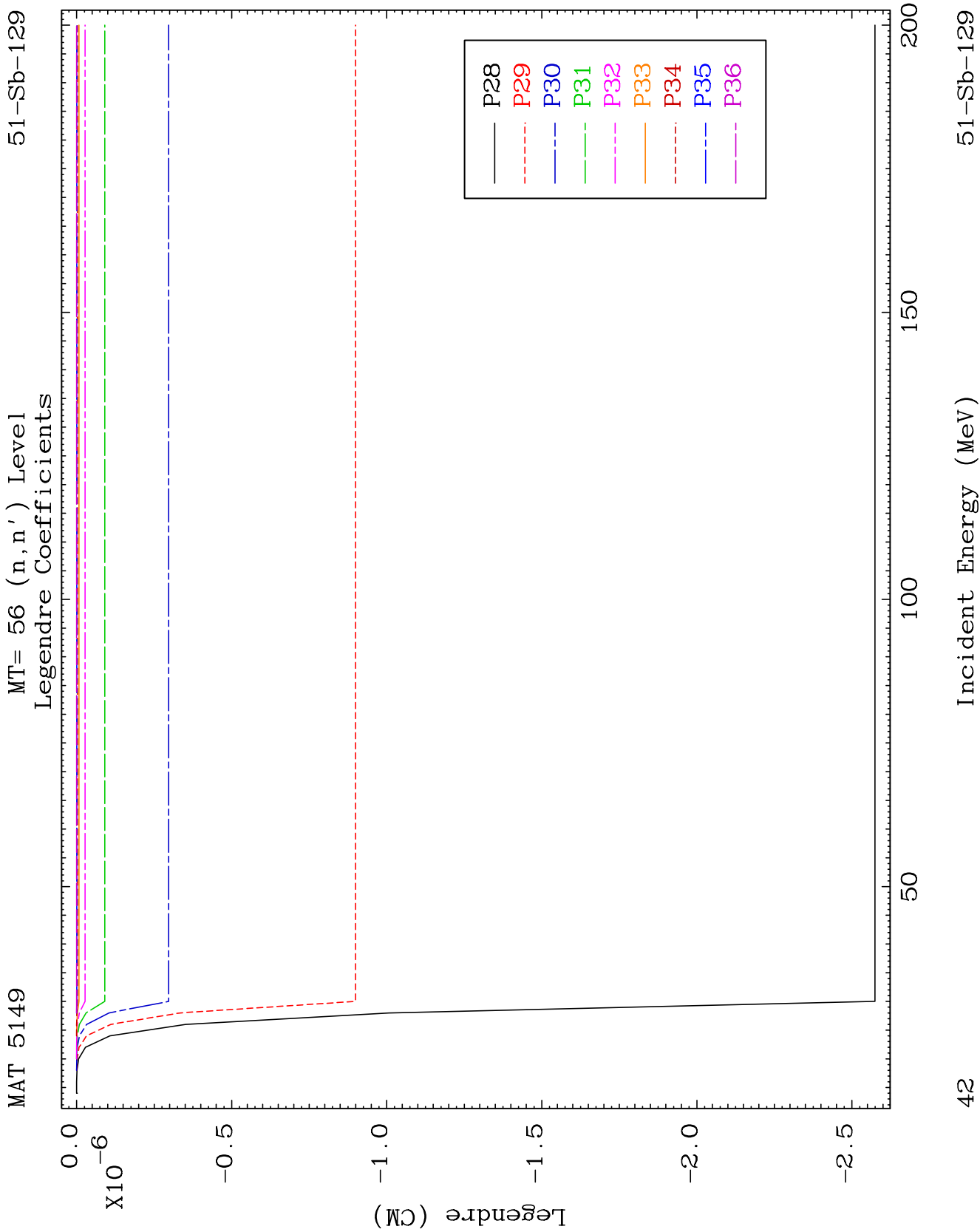
MAT 5149

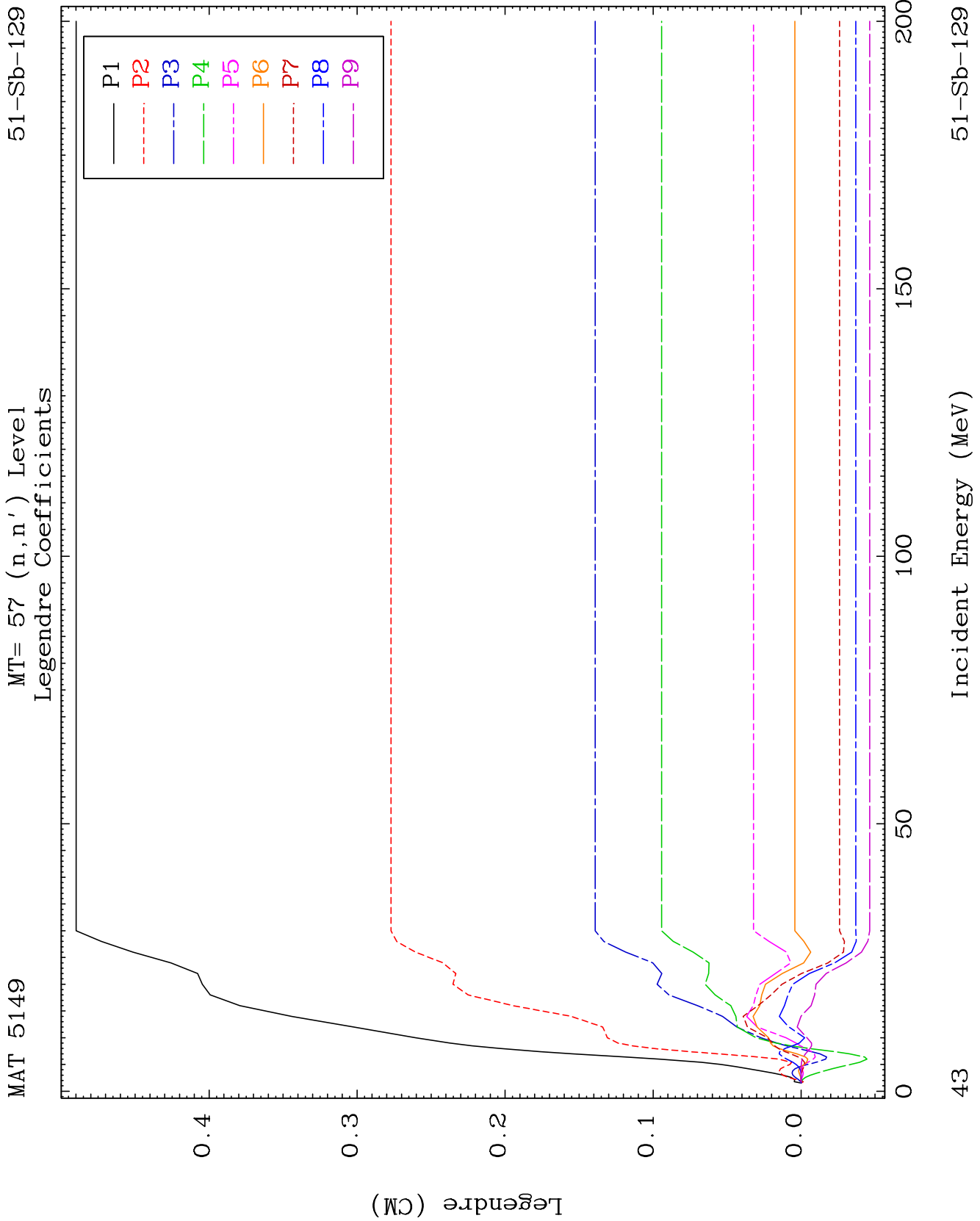
MT= 56 (n, n') Level
Legendre Coefficients

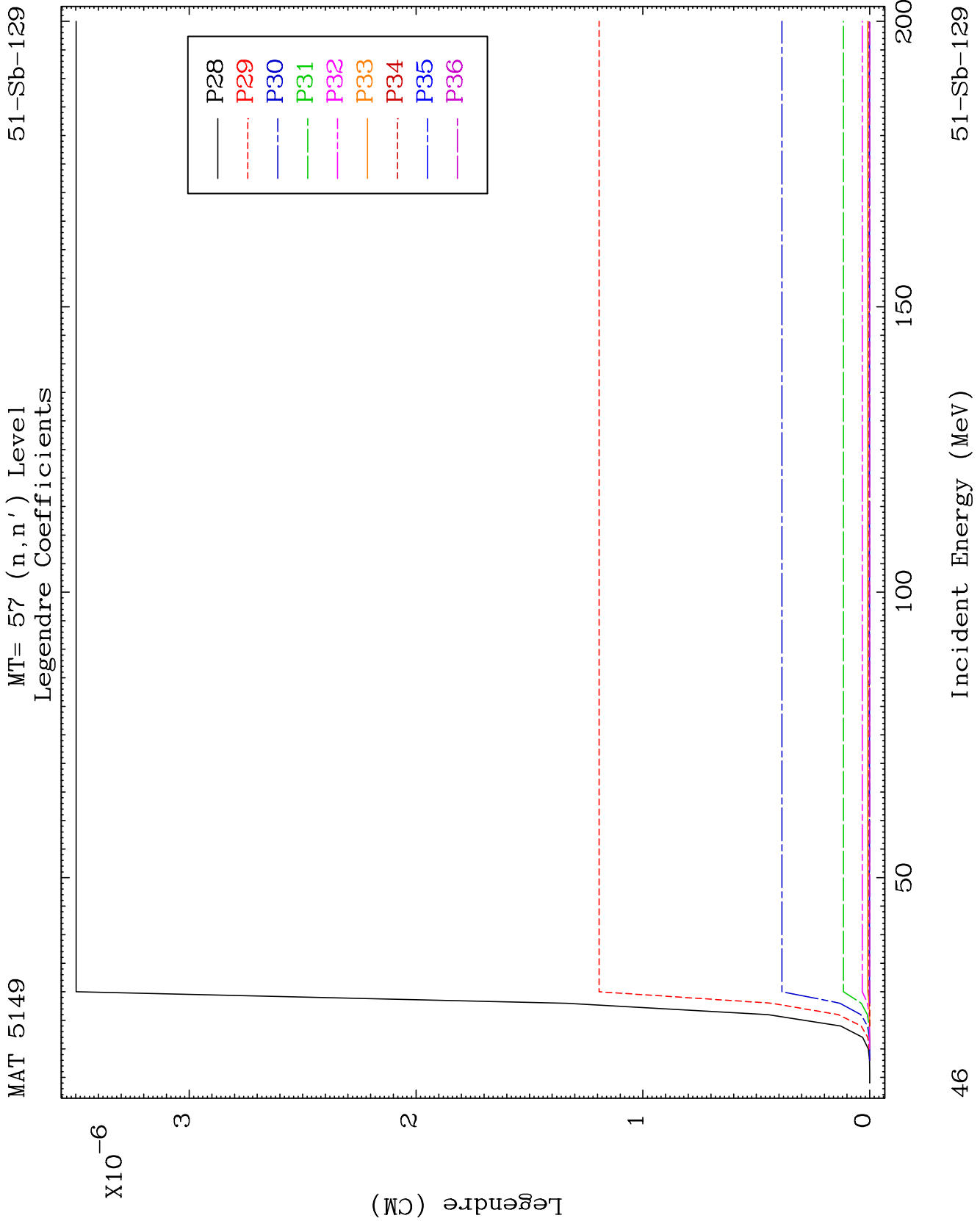
51-Sb-129







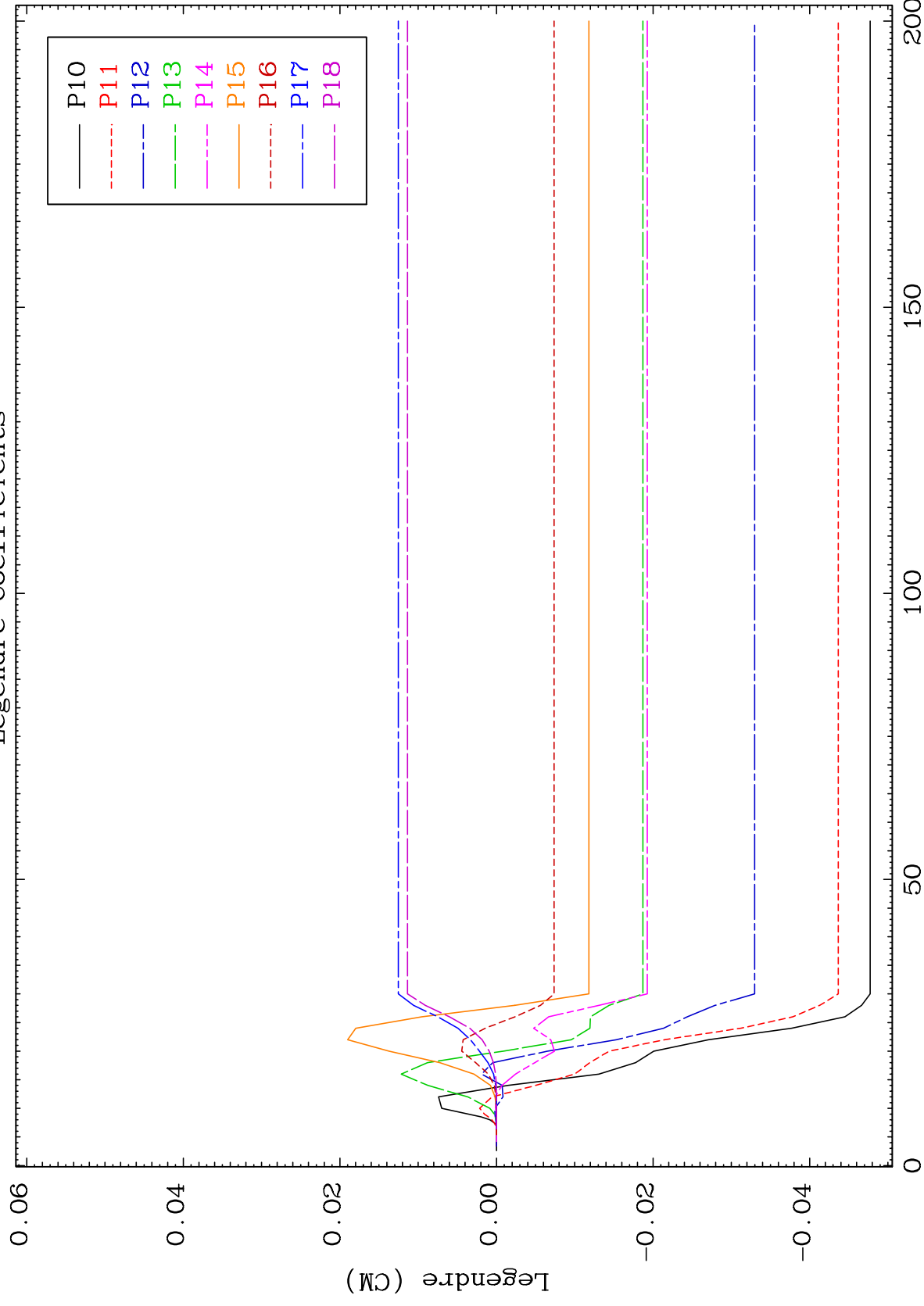




MAT 5149

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

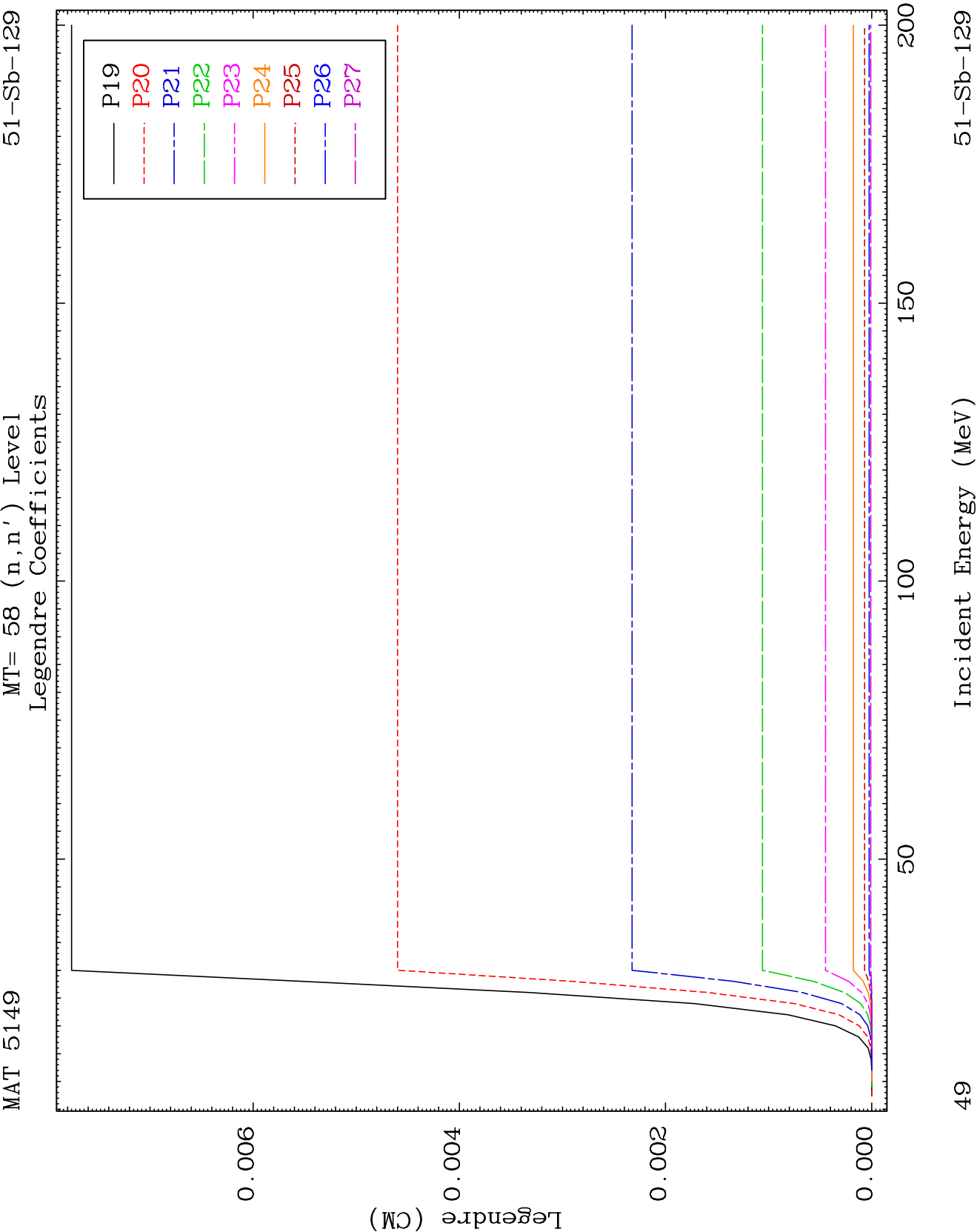
51-Sb-129

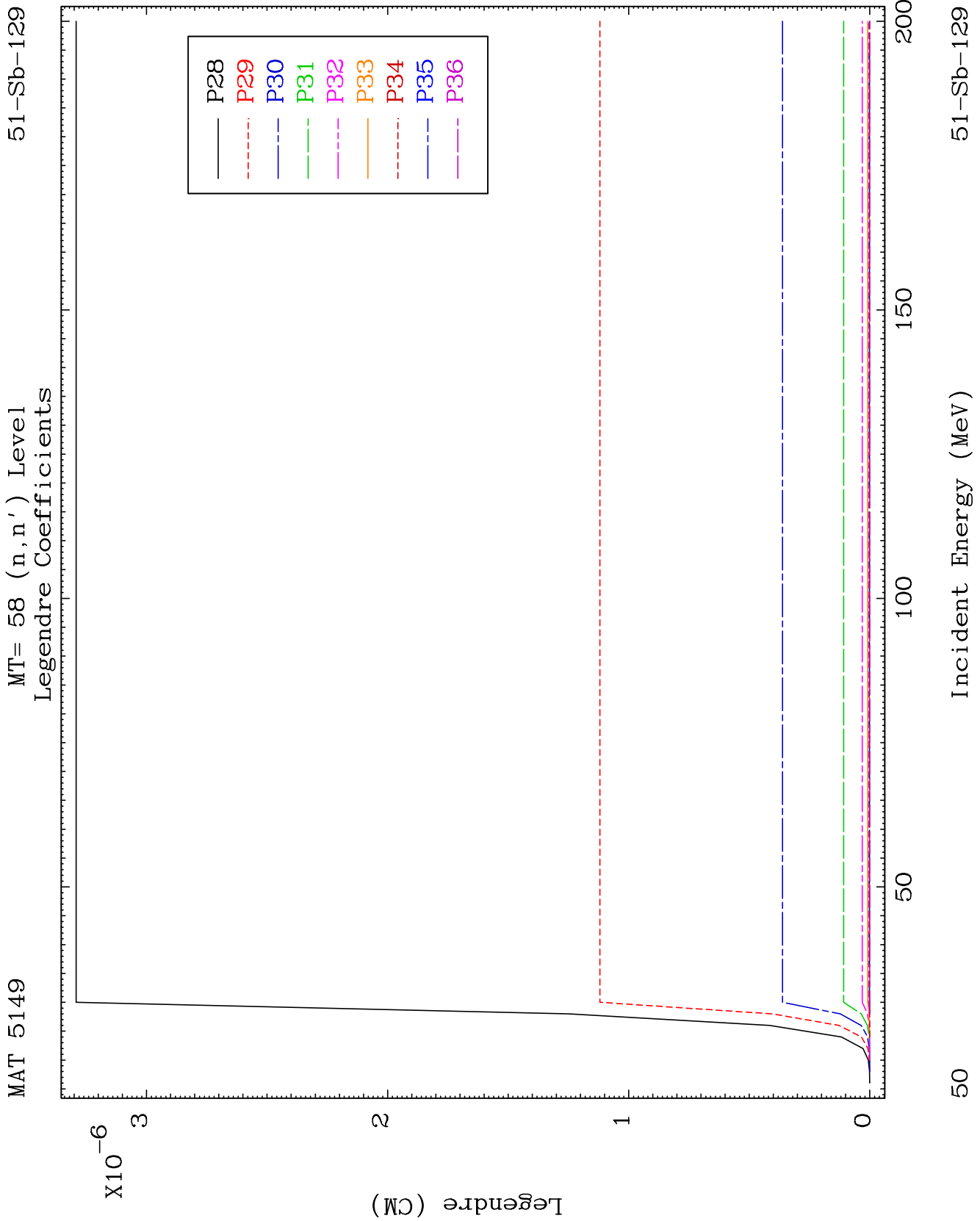


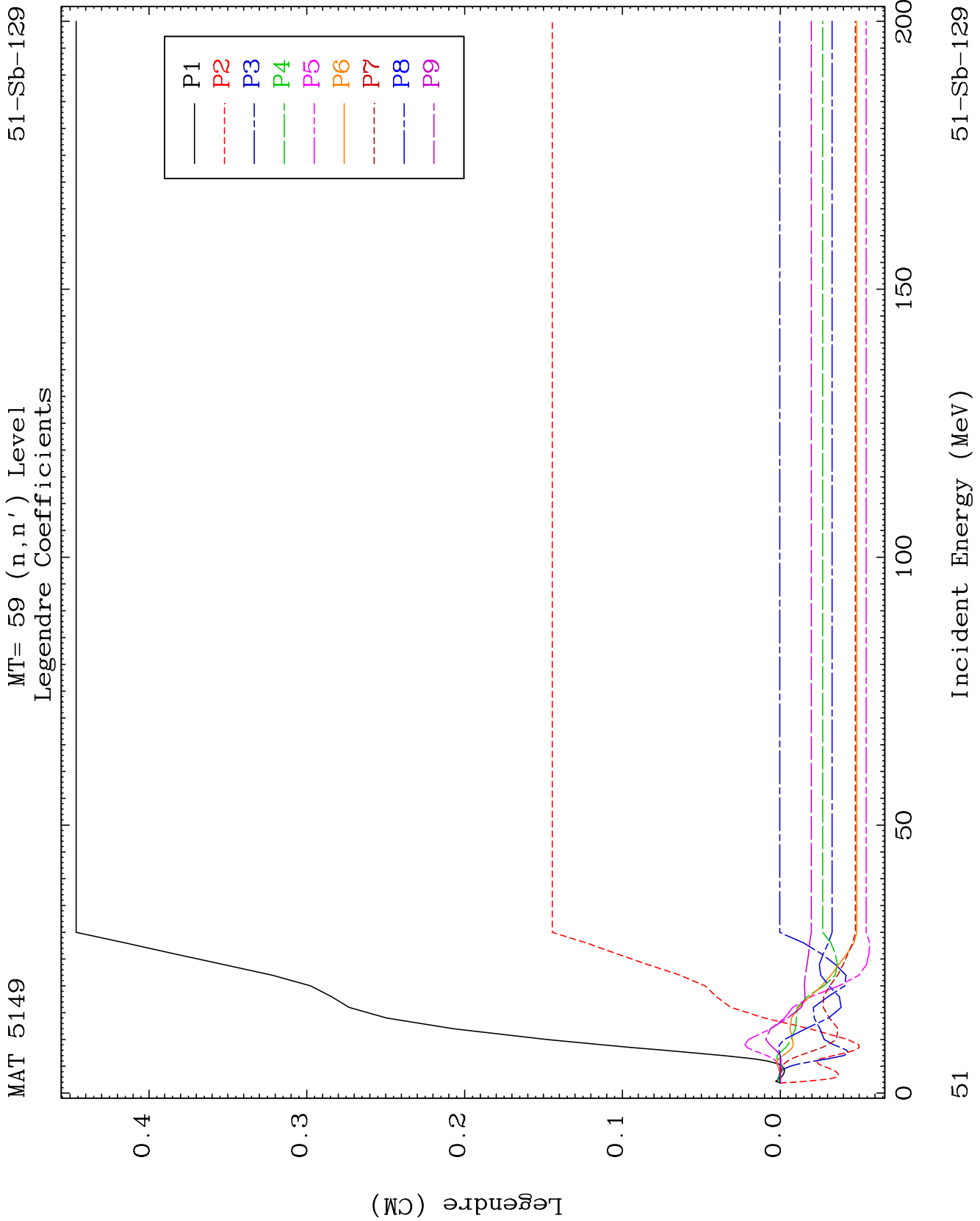
48

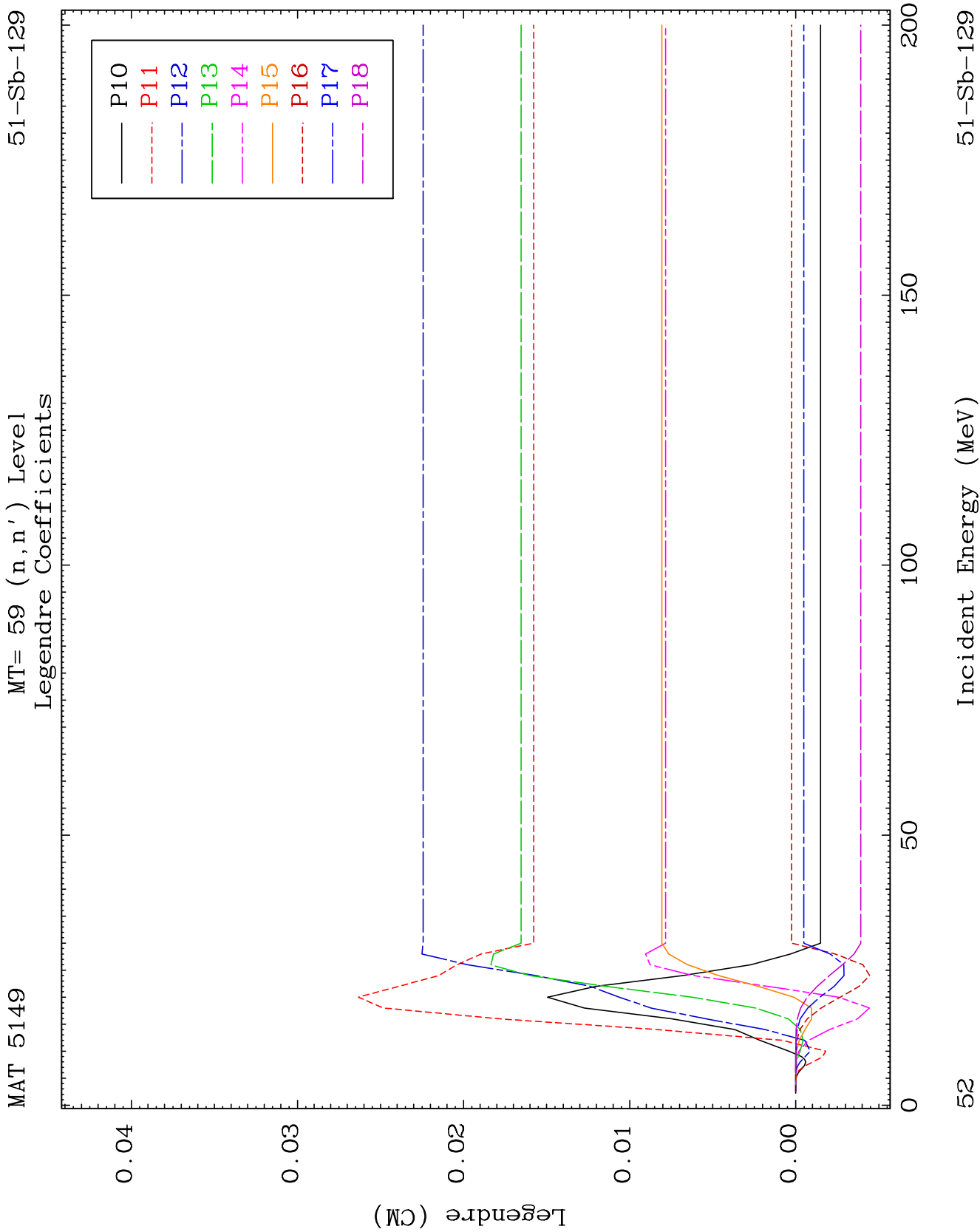
Incident Energy (MeV)

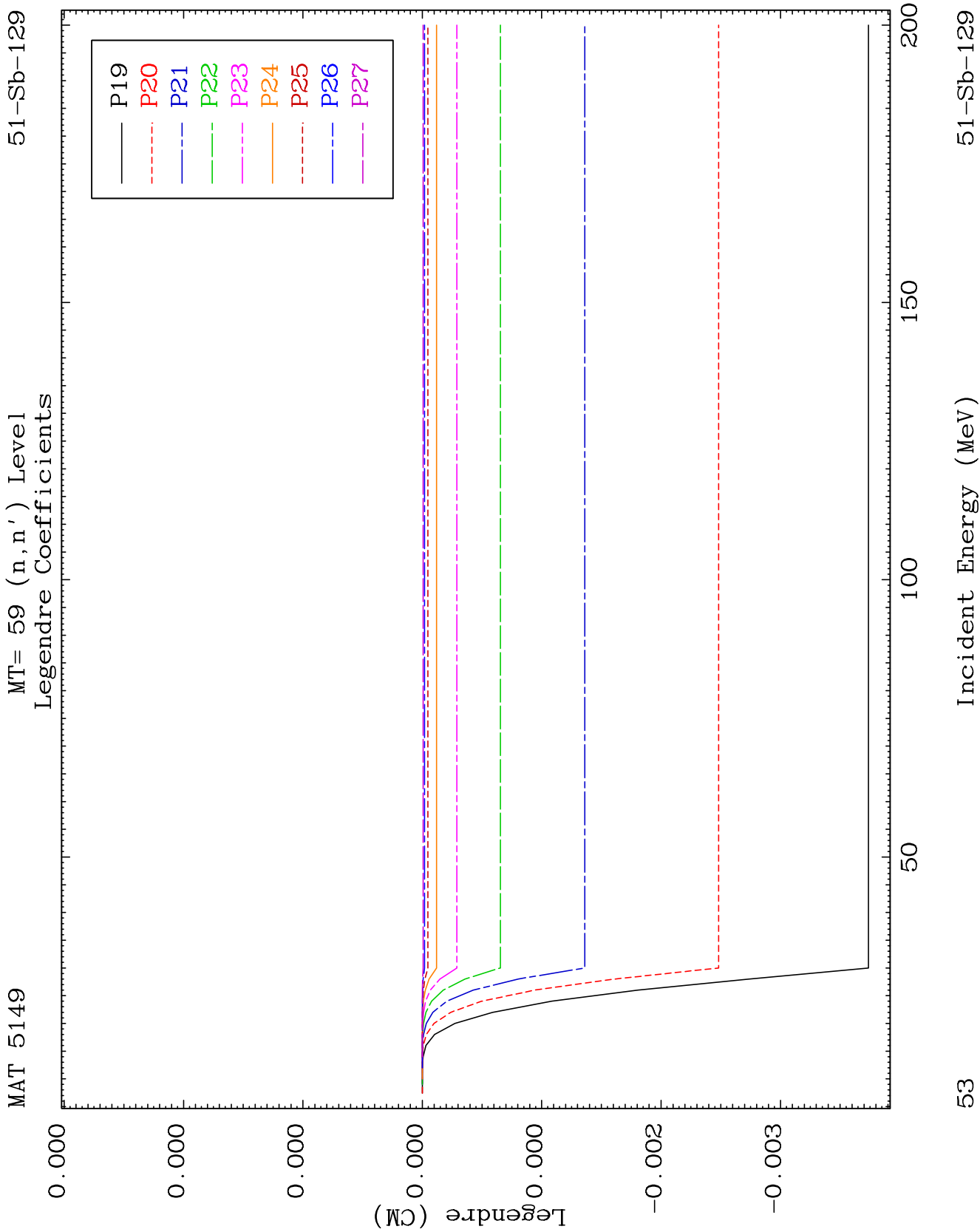
51-Sb-129

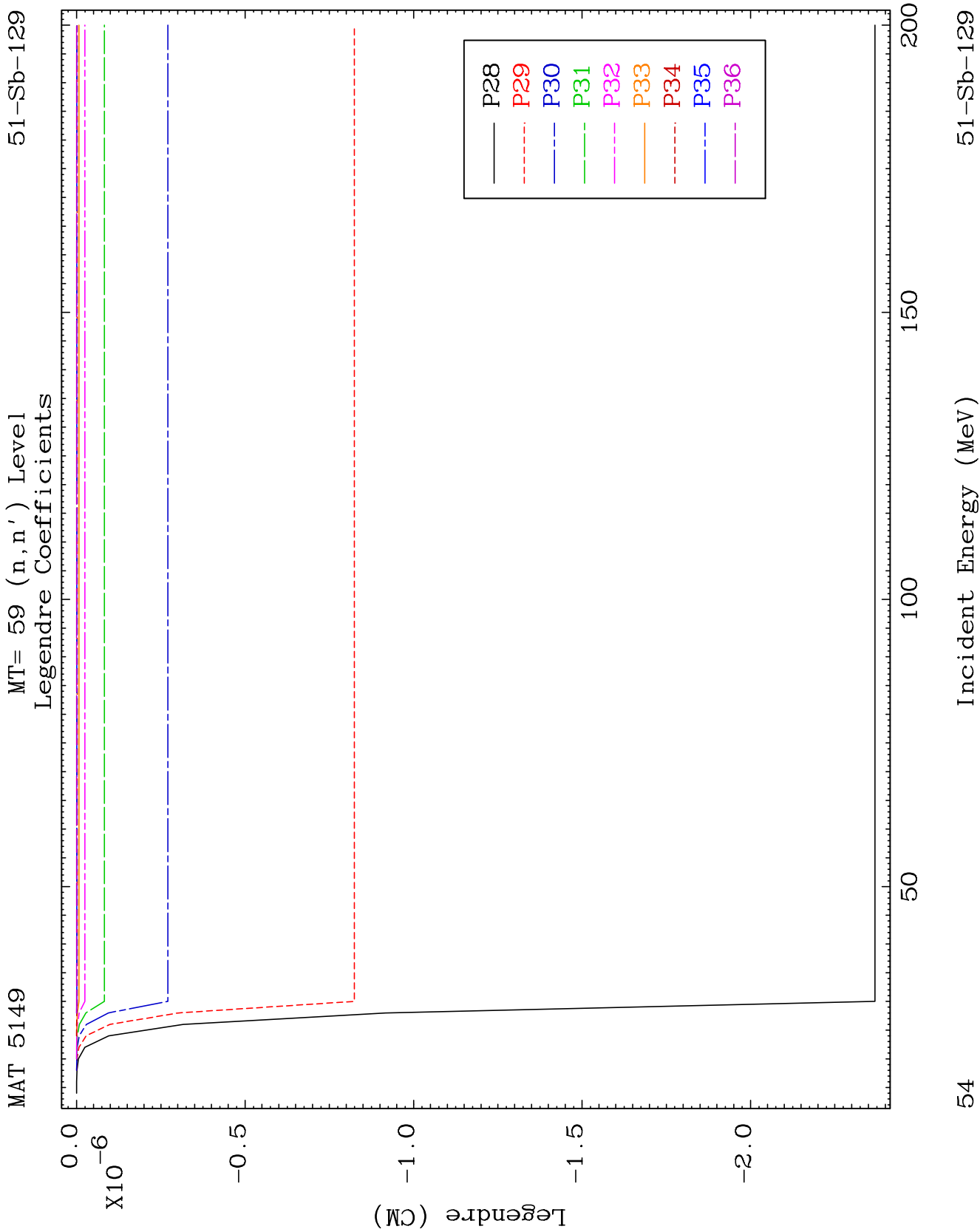


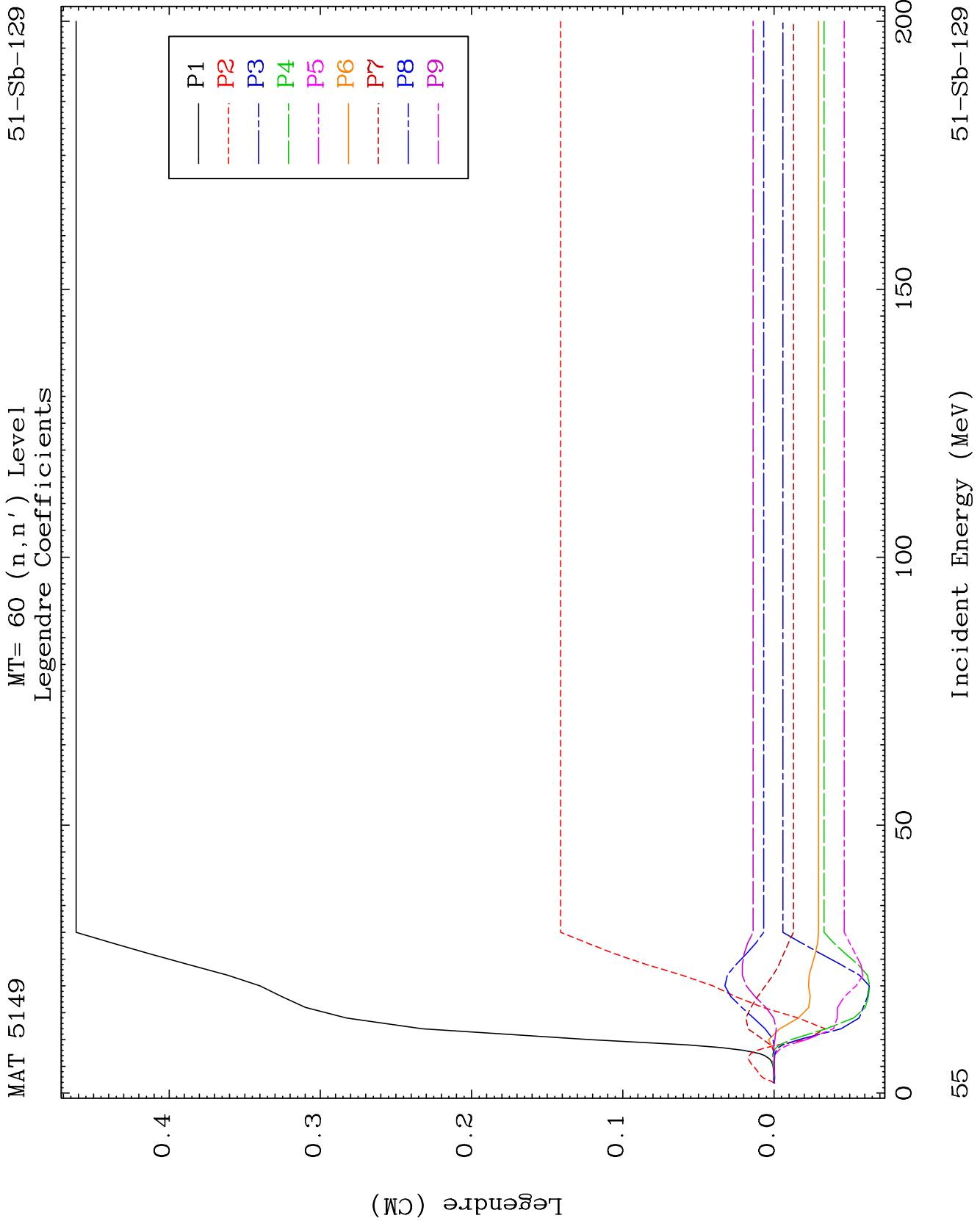


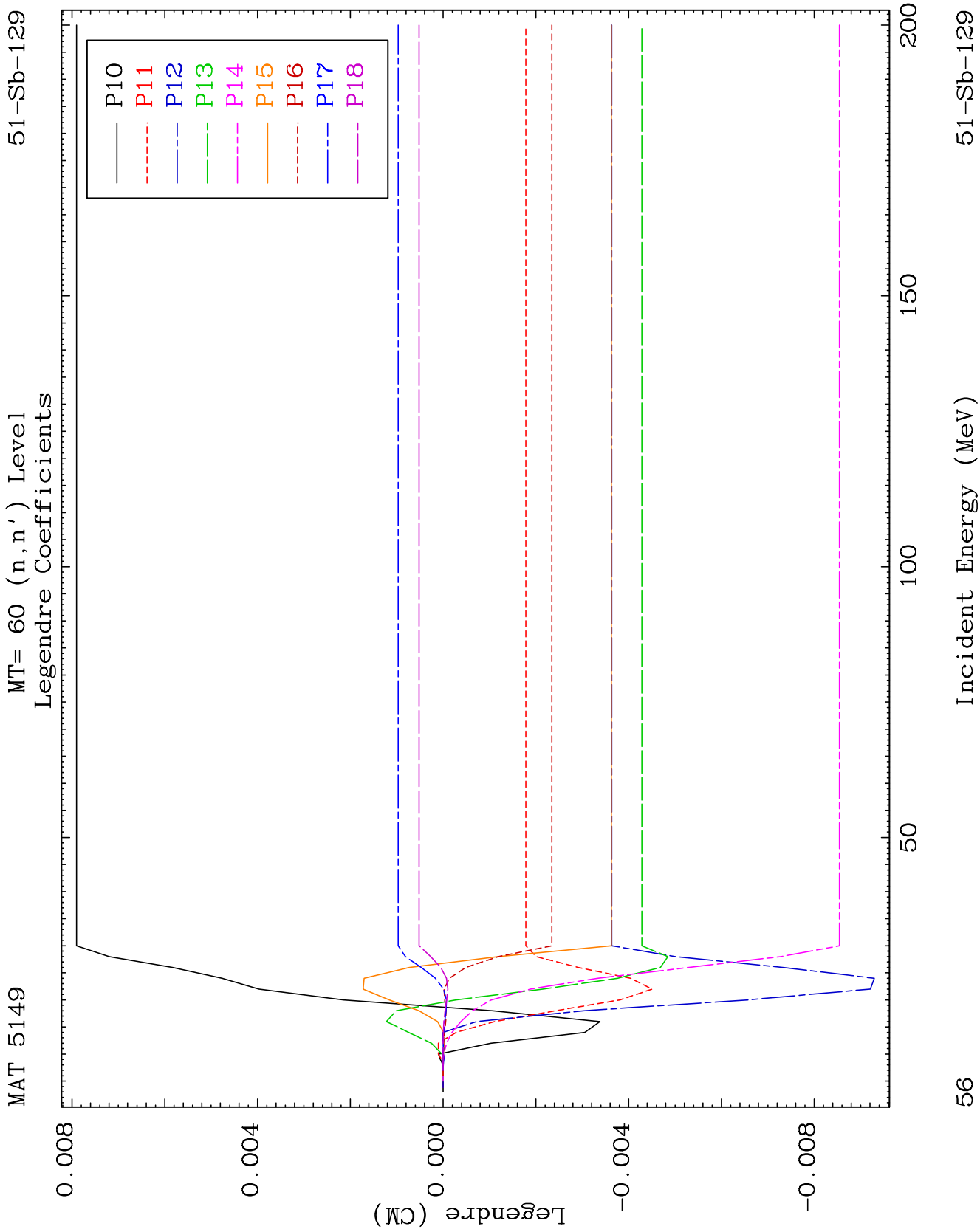


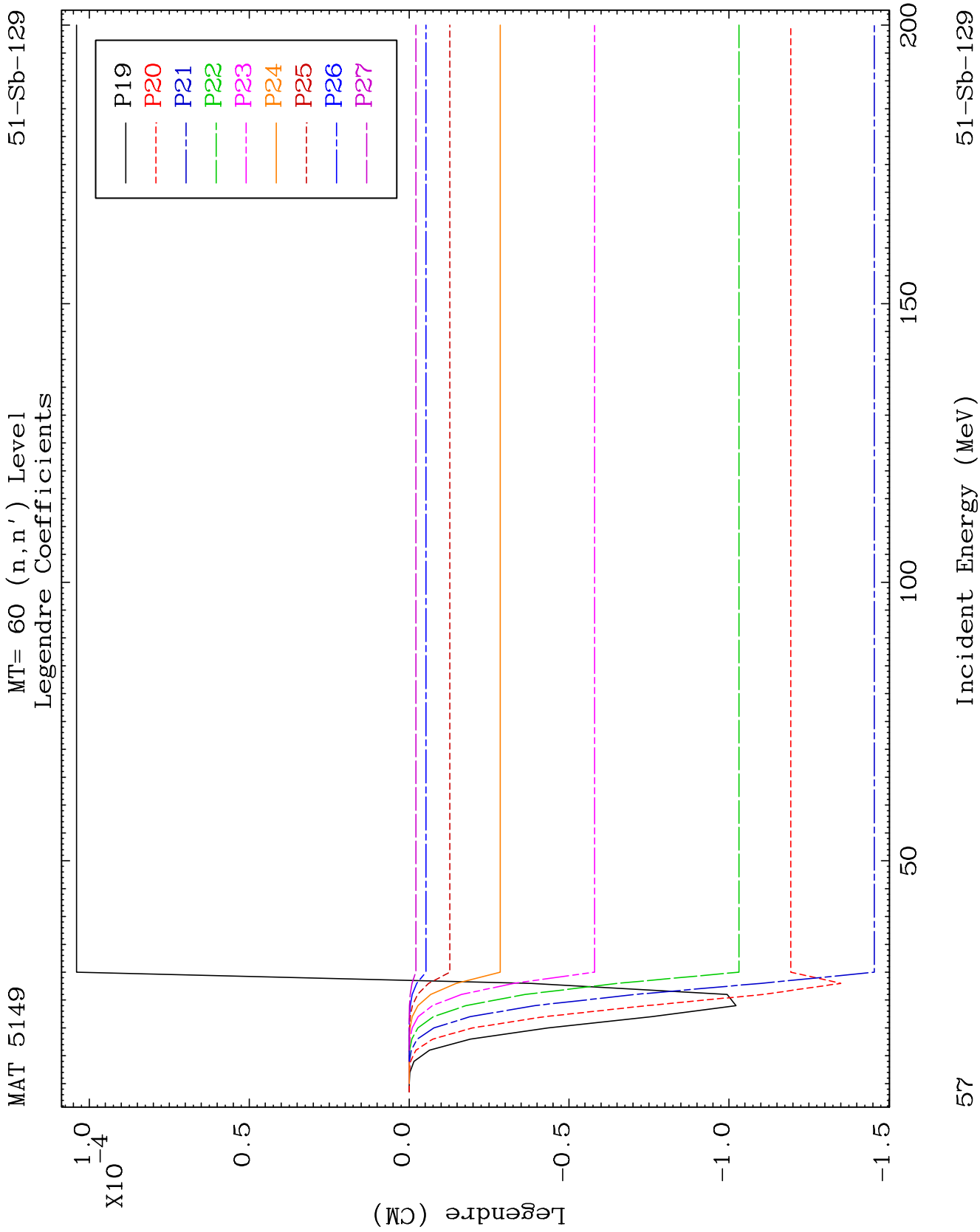


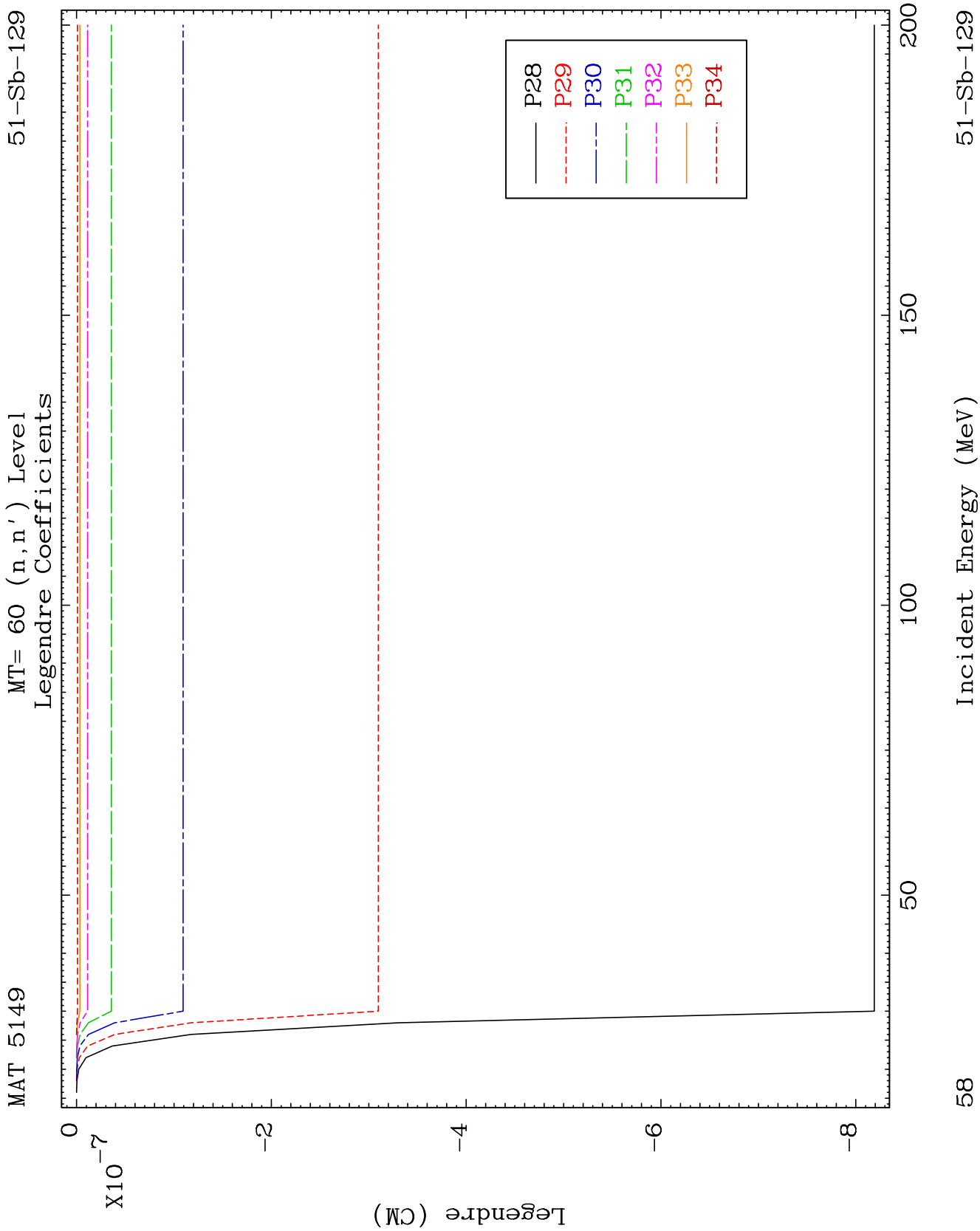








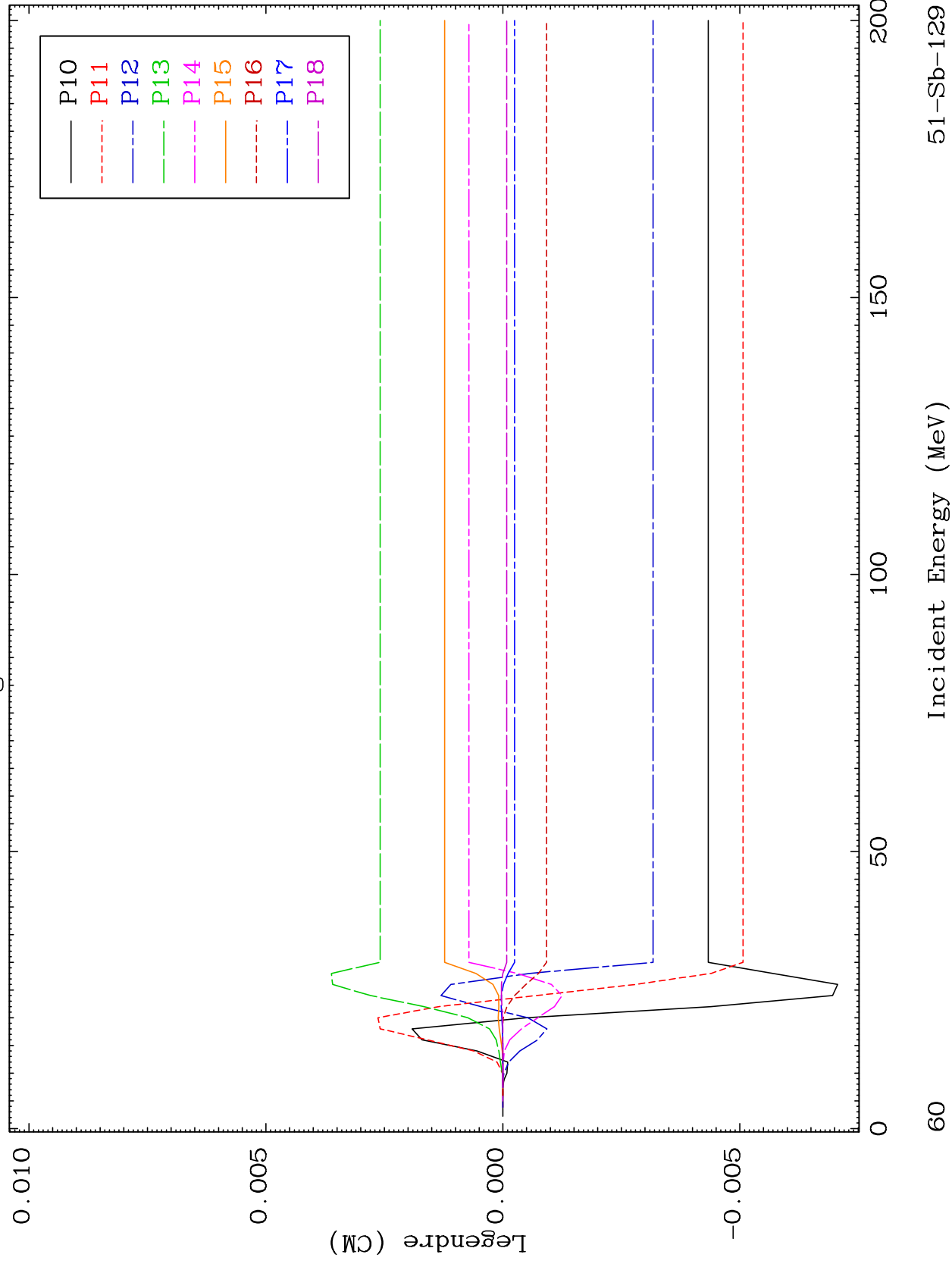


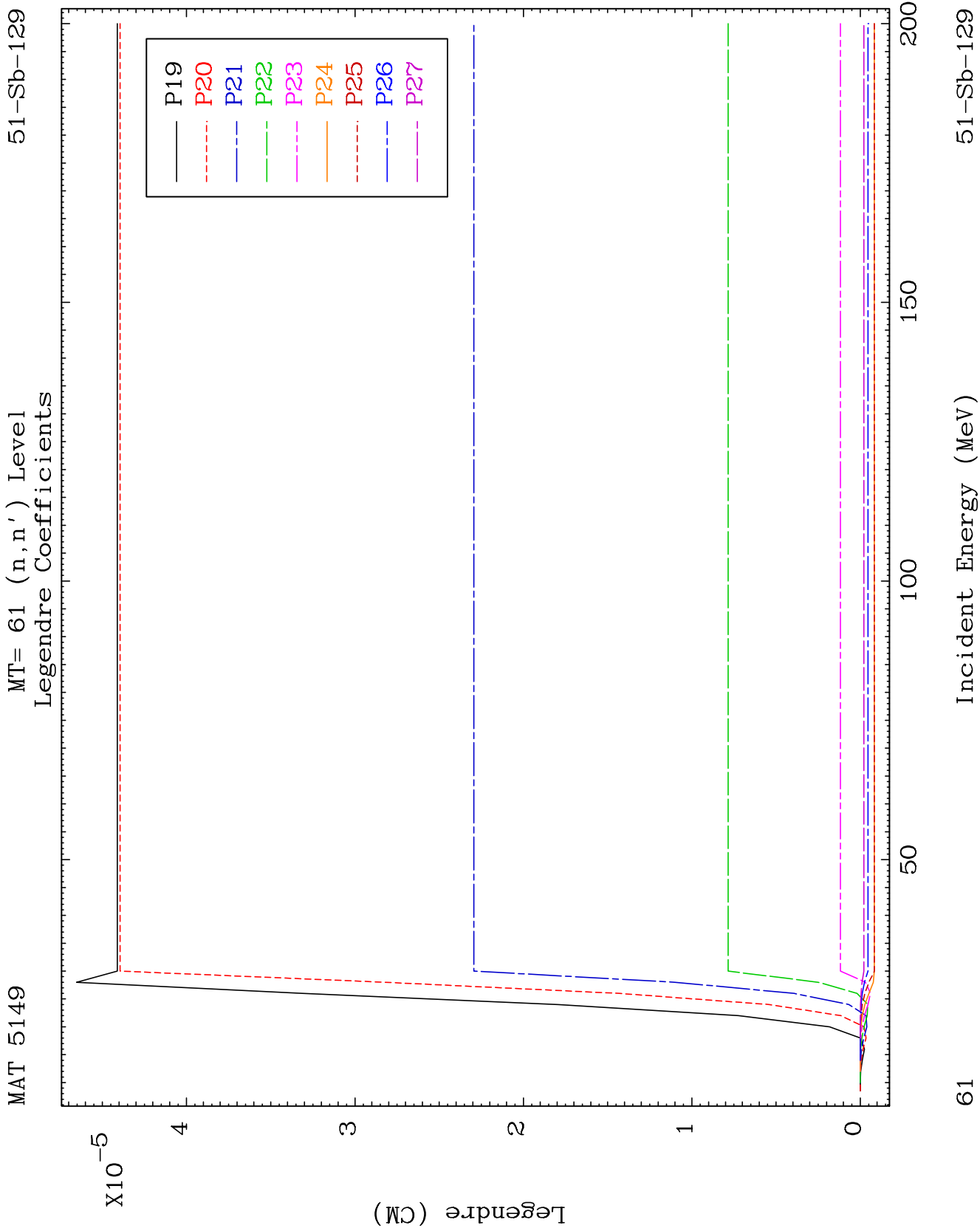


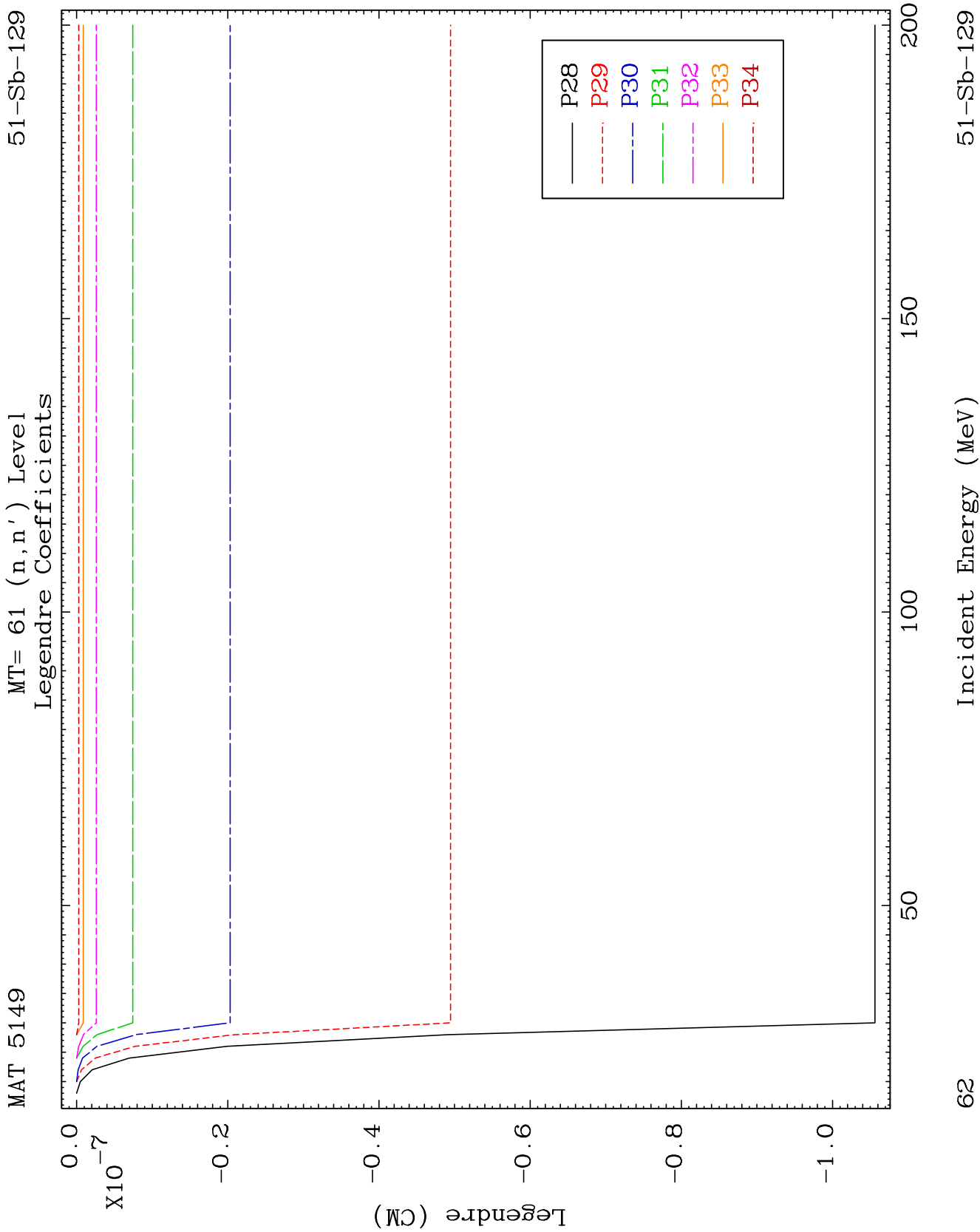
MAT 5149

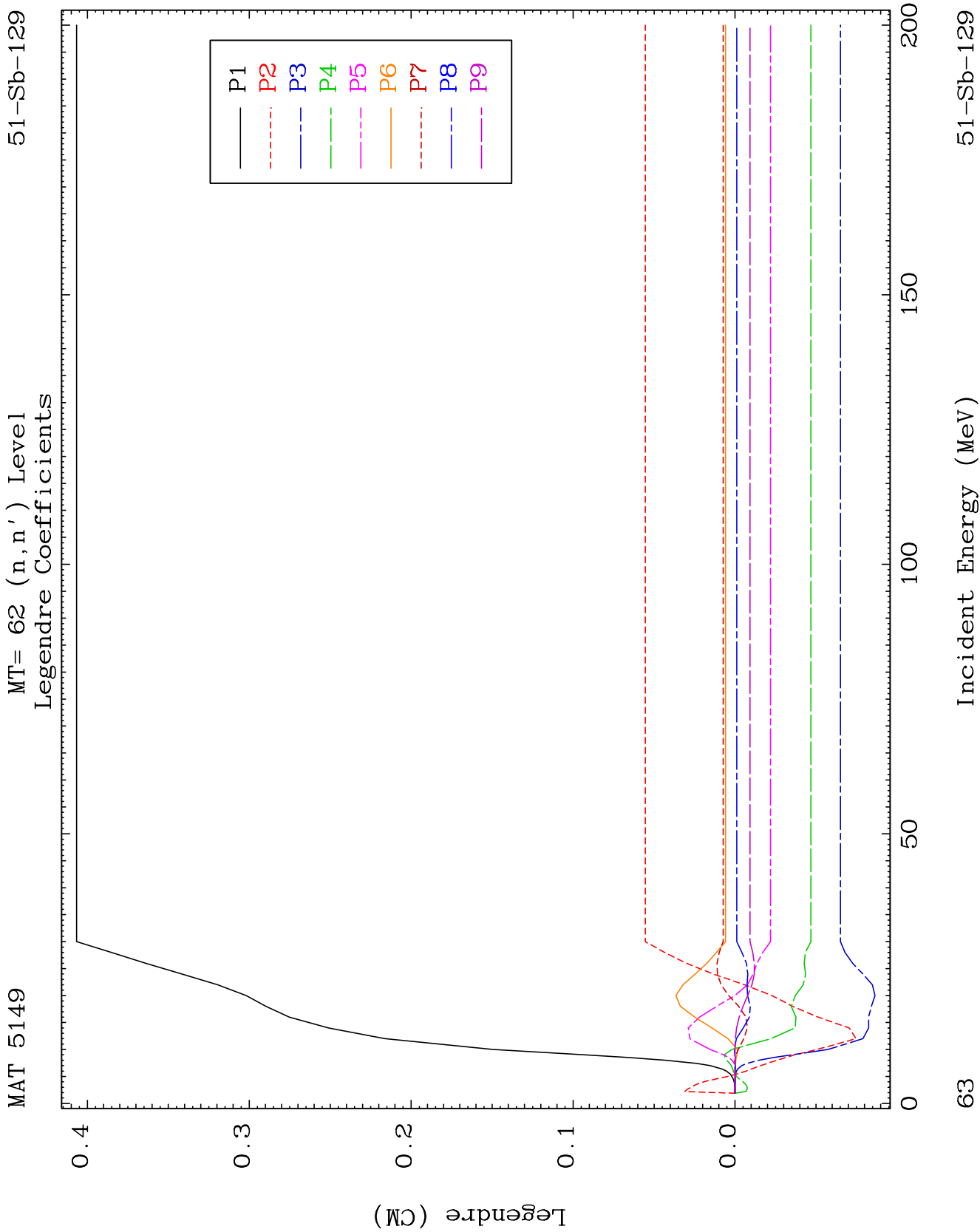
MT= 61 (n, n') Level
Legendre Coefficients

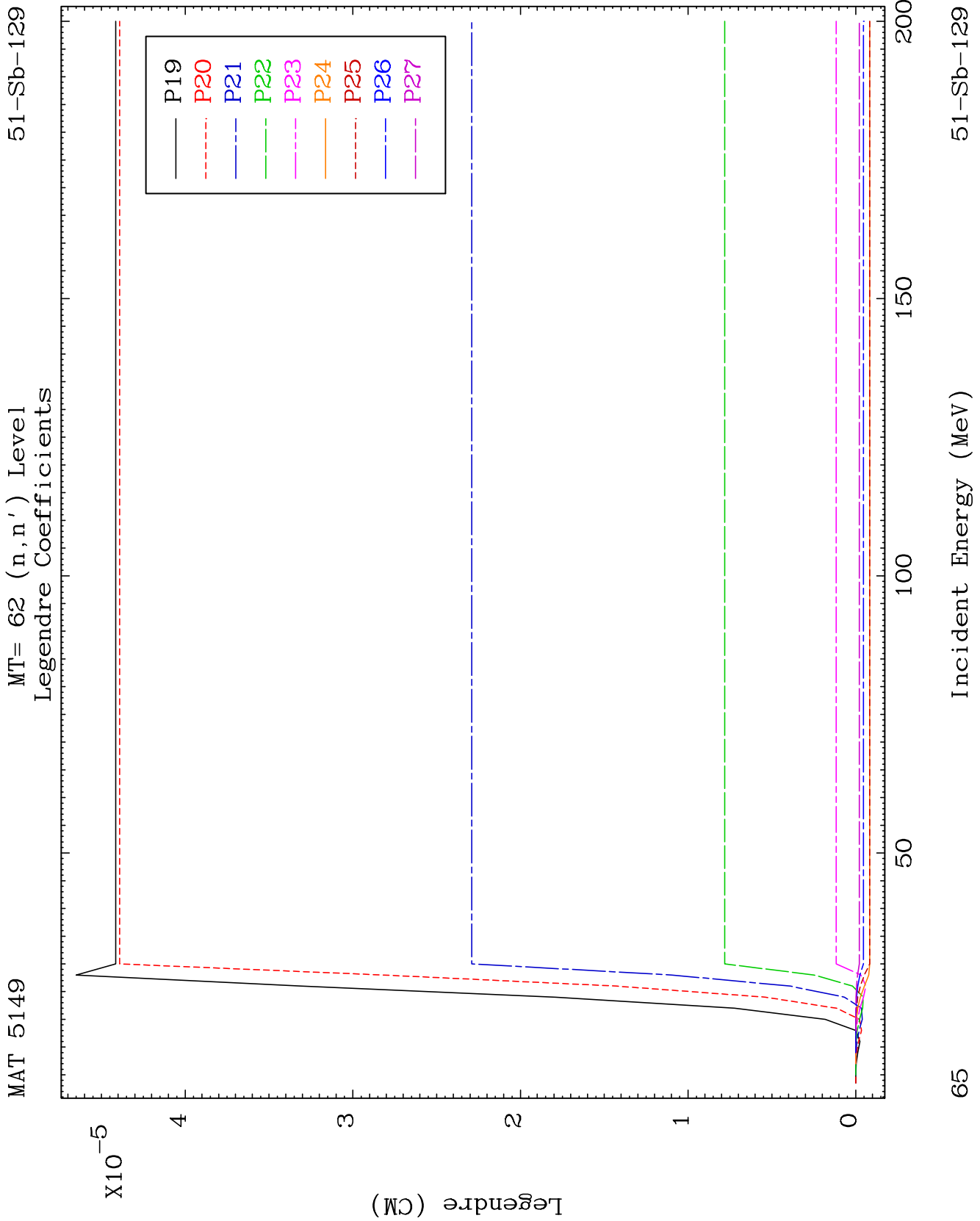
51-Sb-129

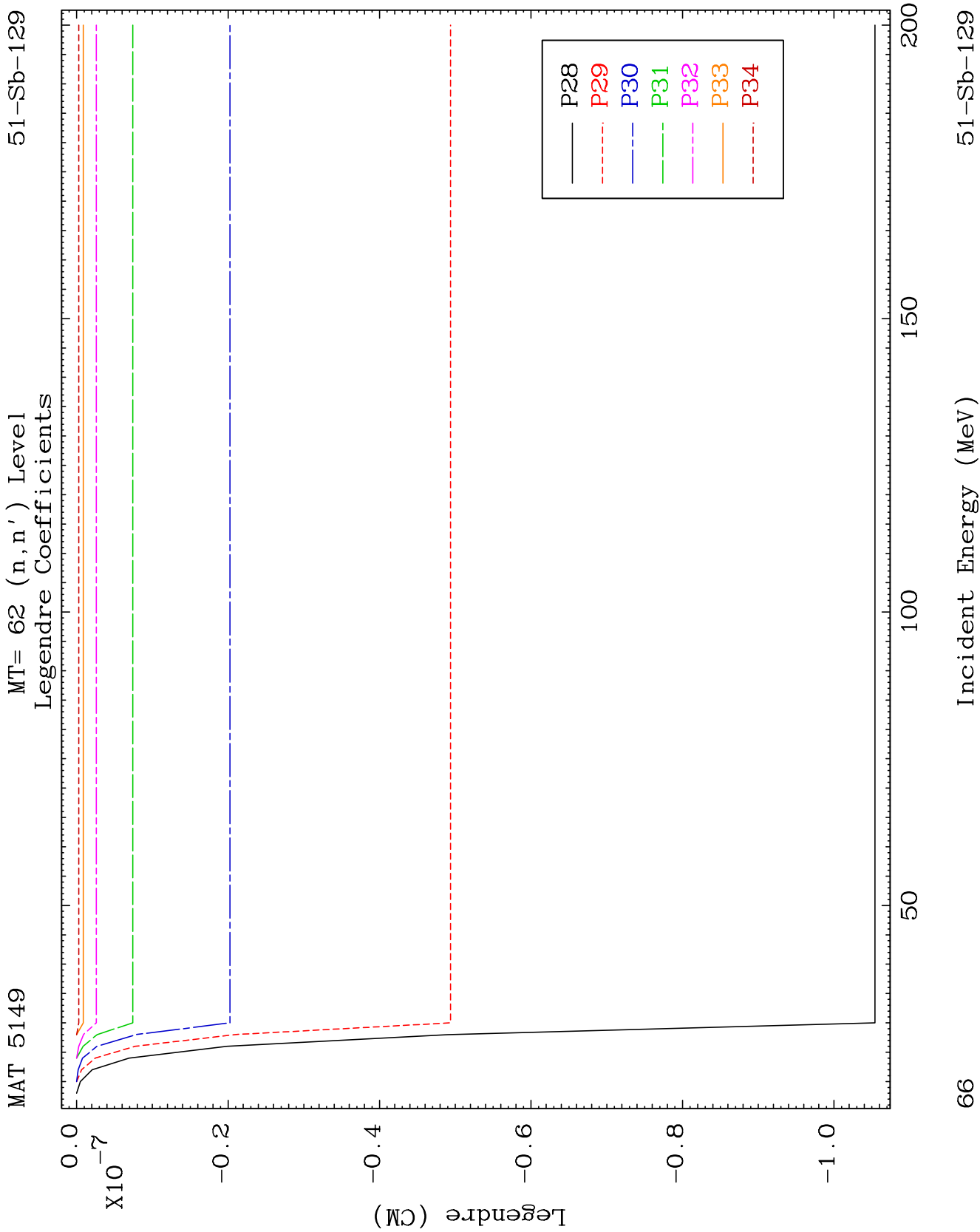








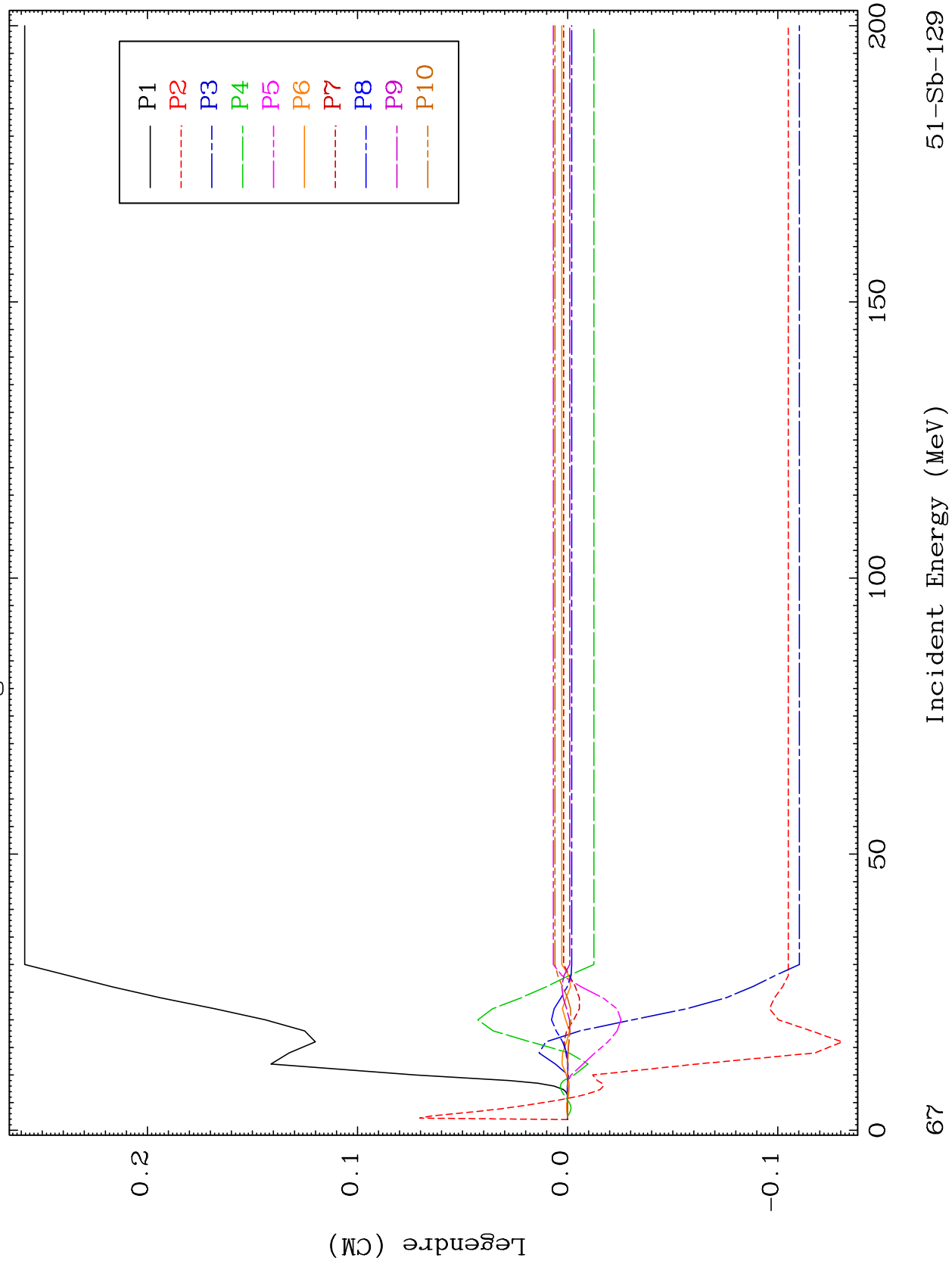


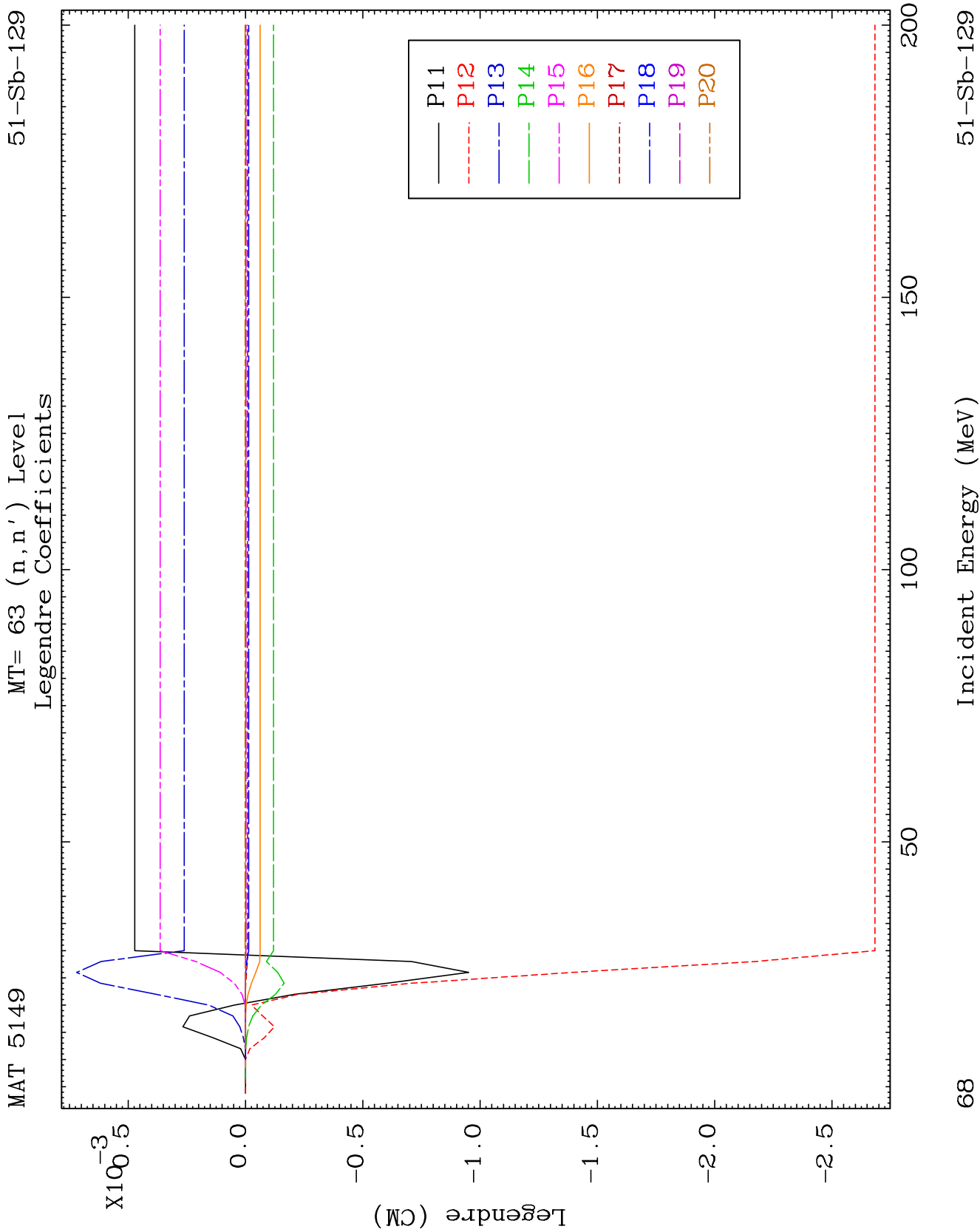


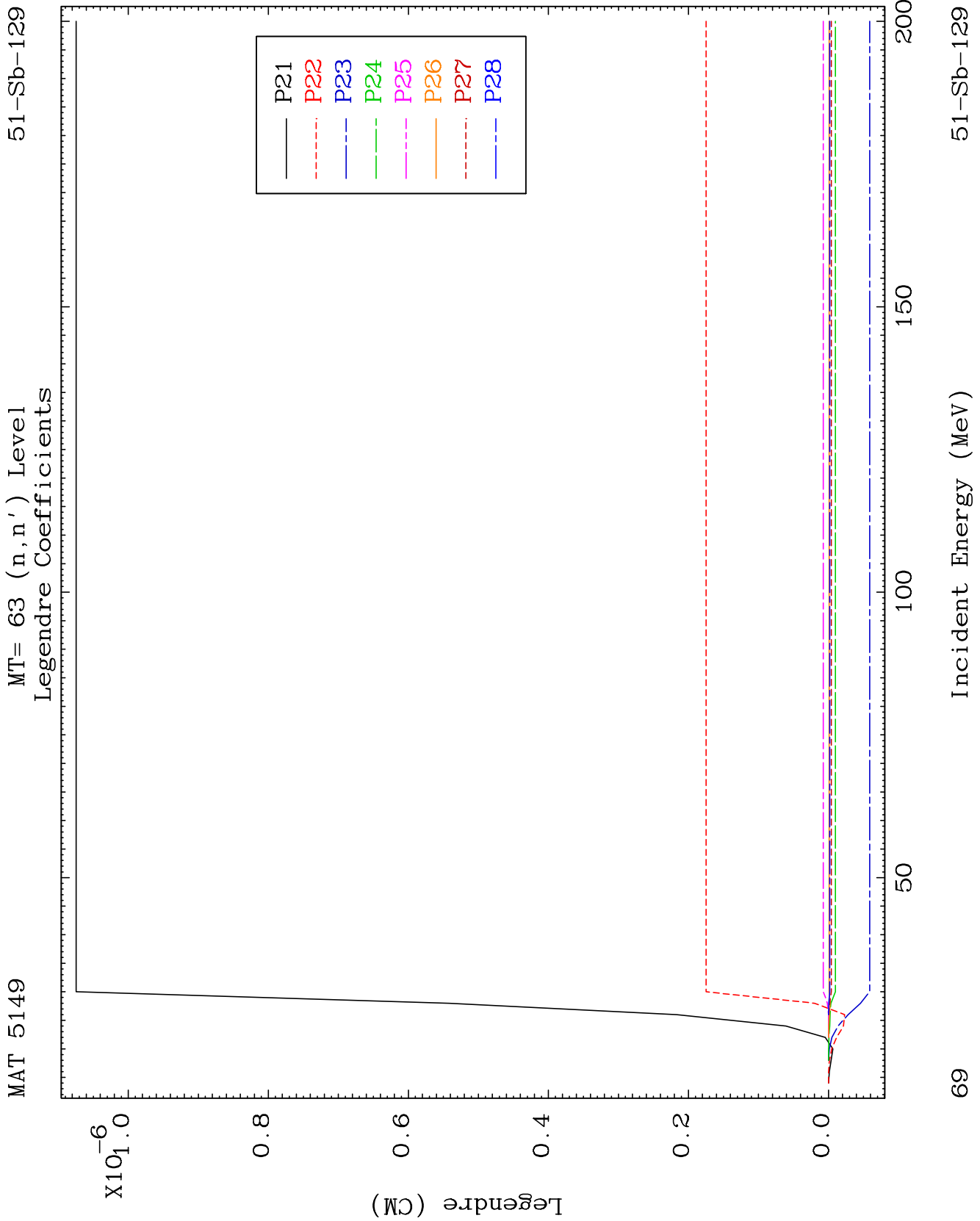
MAT 5149

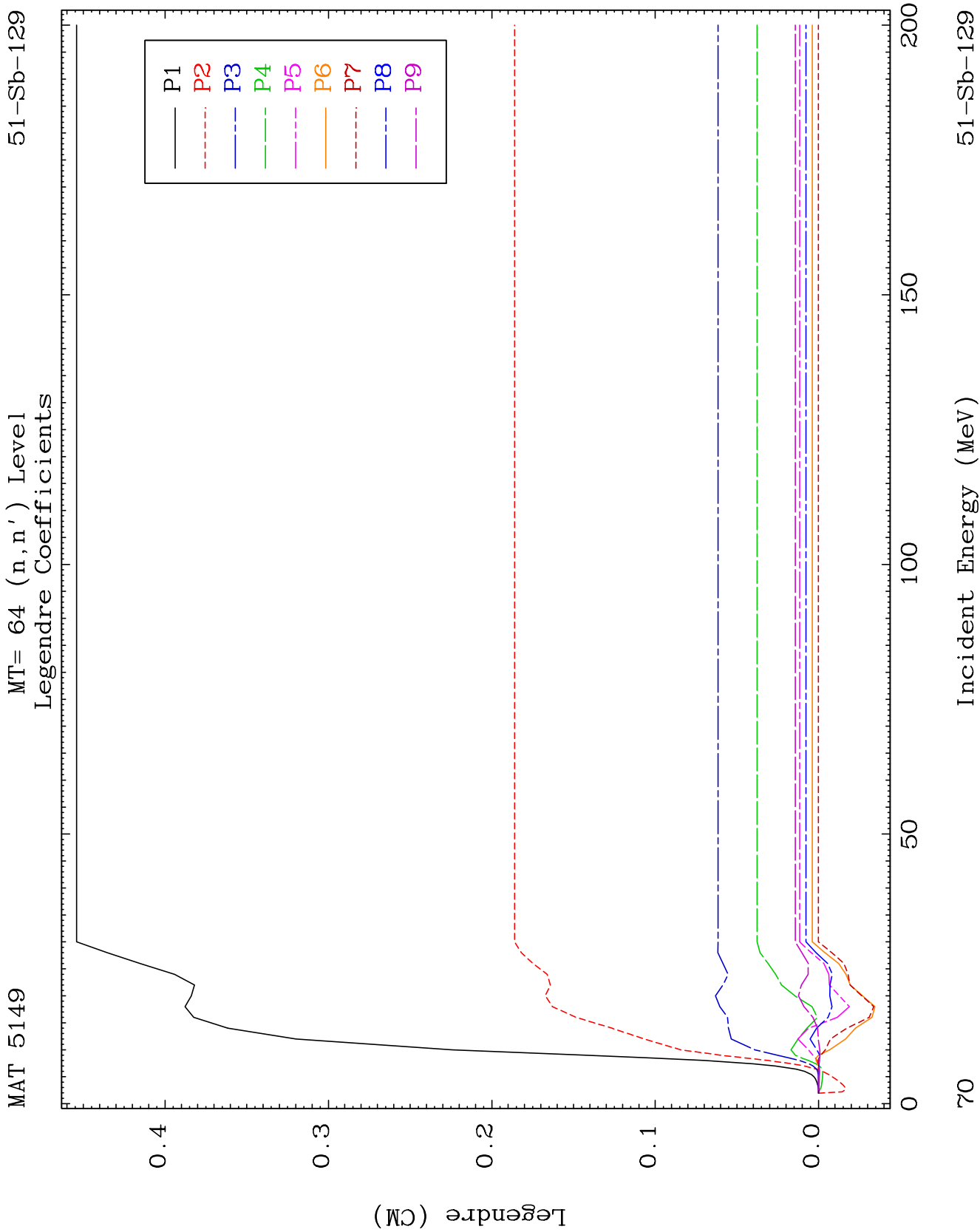
MT= 63 (n, n') Level
Legendre Coefficients

51-Sb-129





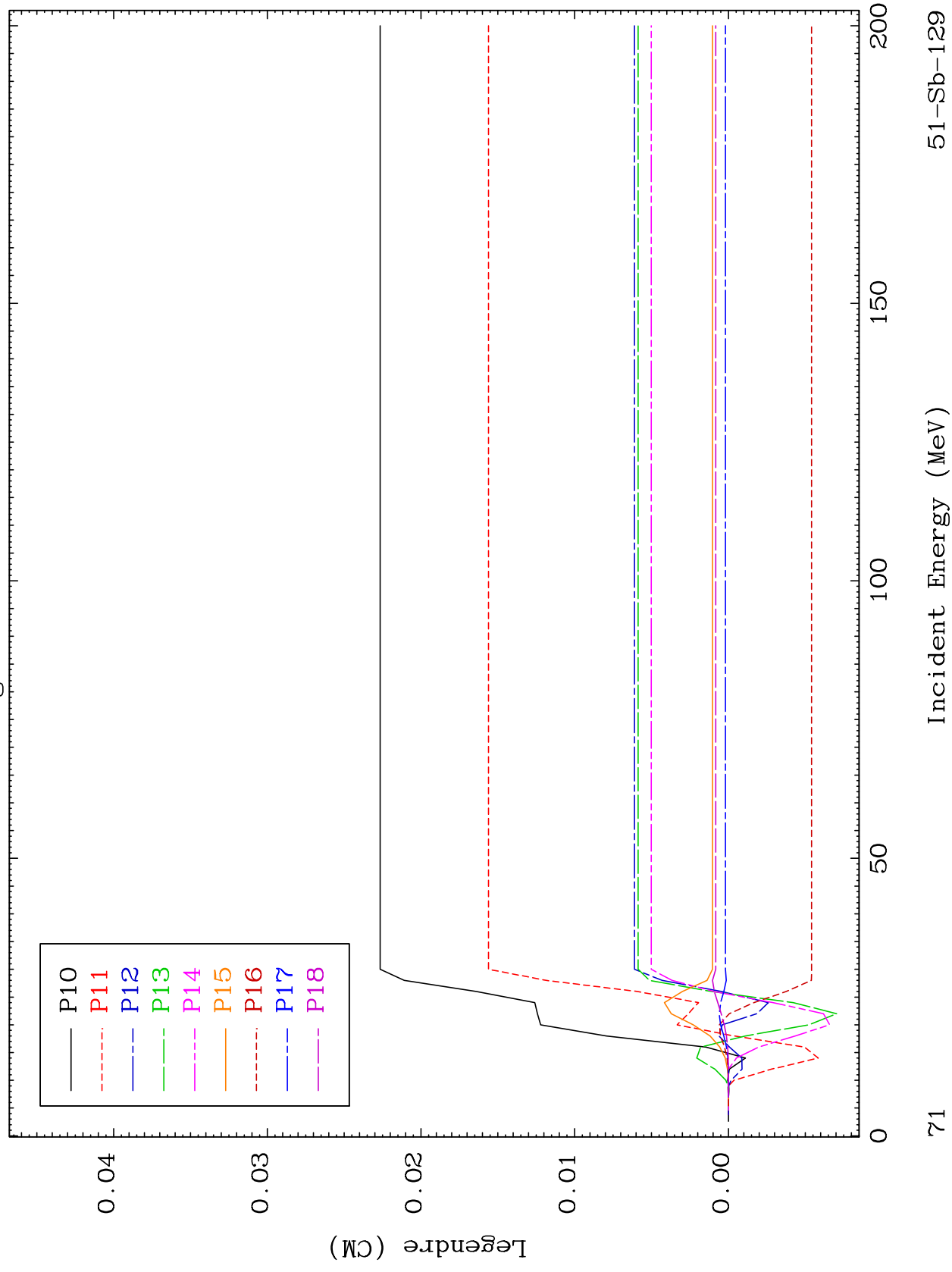




MAT 5149

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

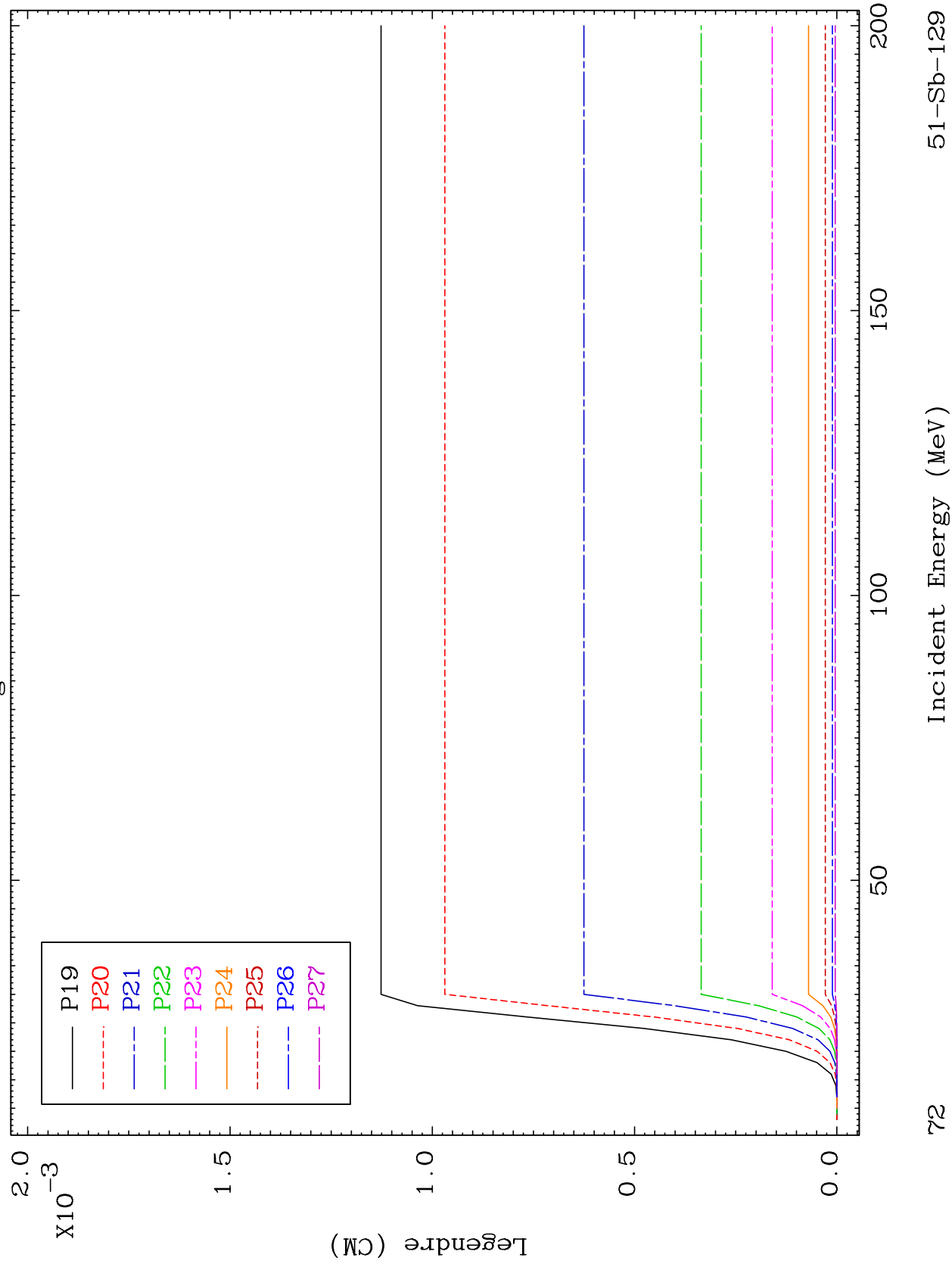
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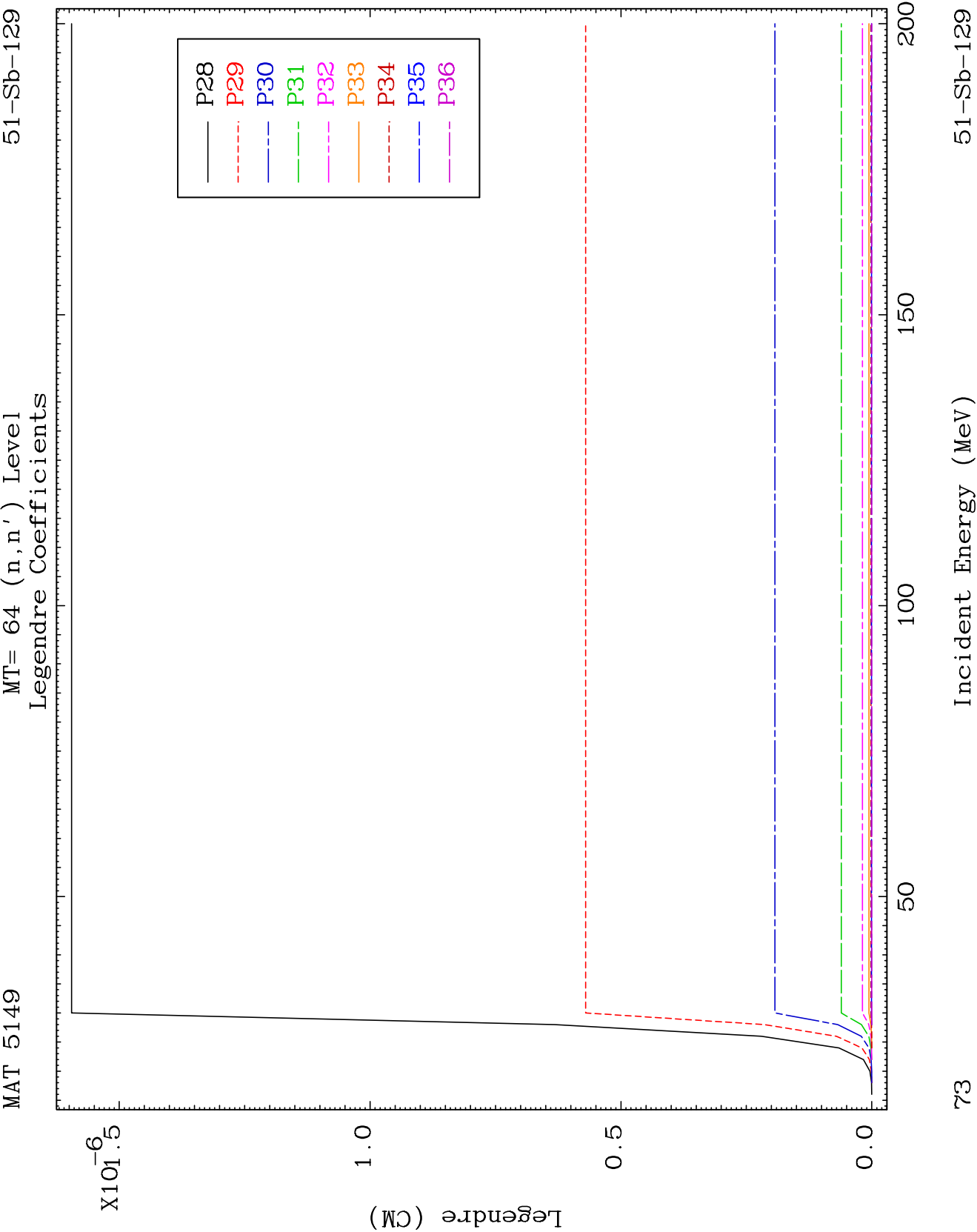


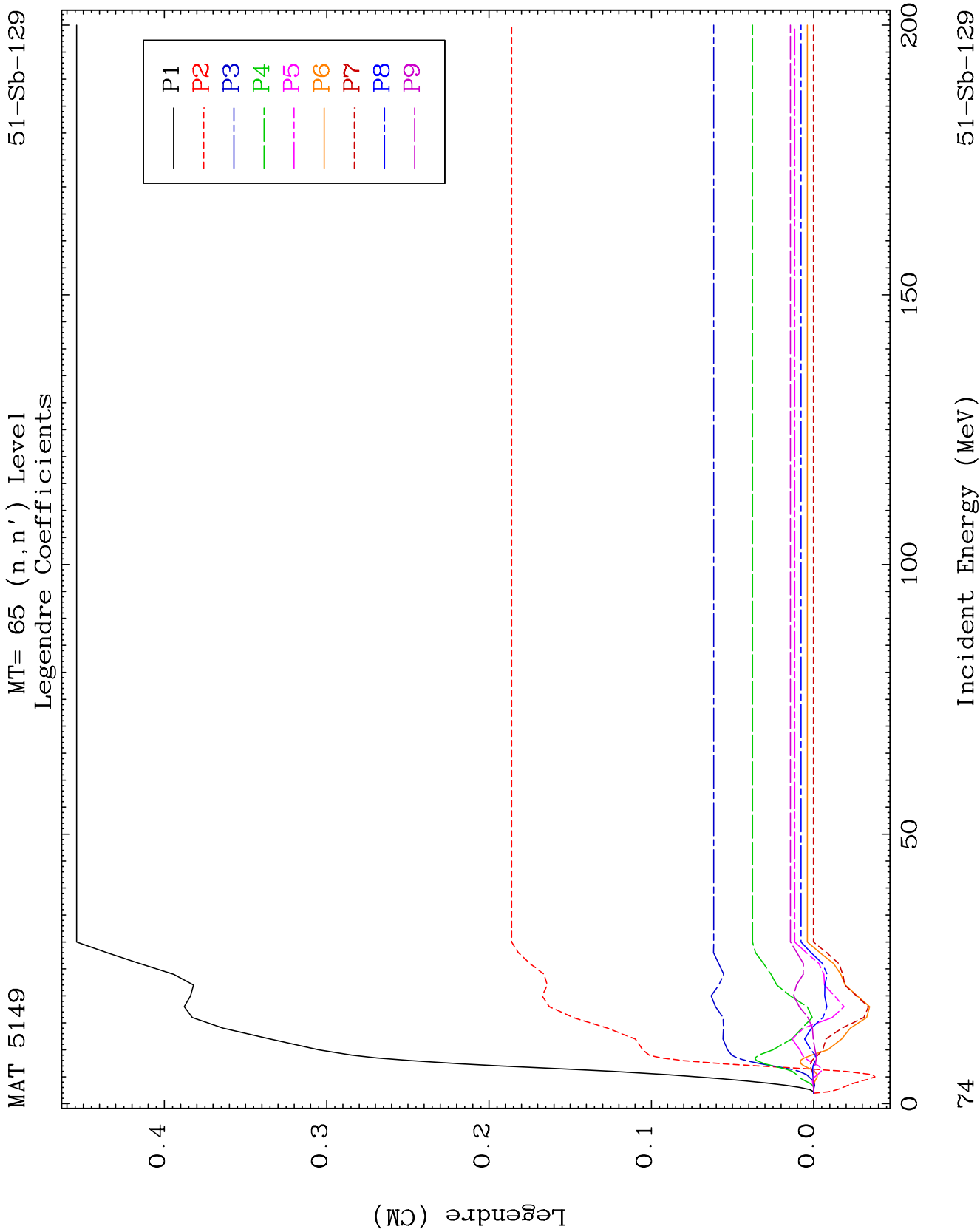
MAT 5149

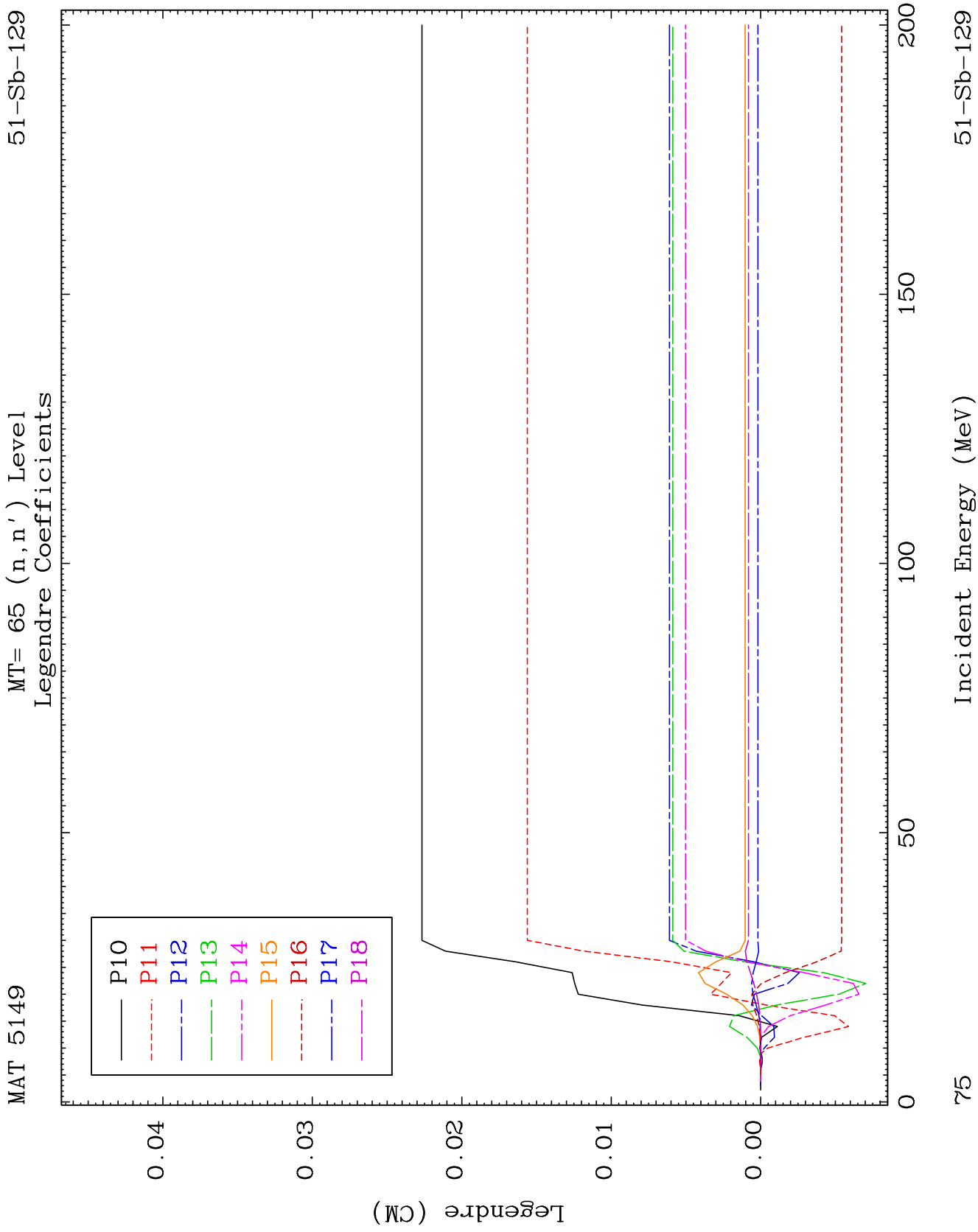
MT= 64 (n, n') Level
Legendre Coefficients

51-Sb-129





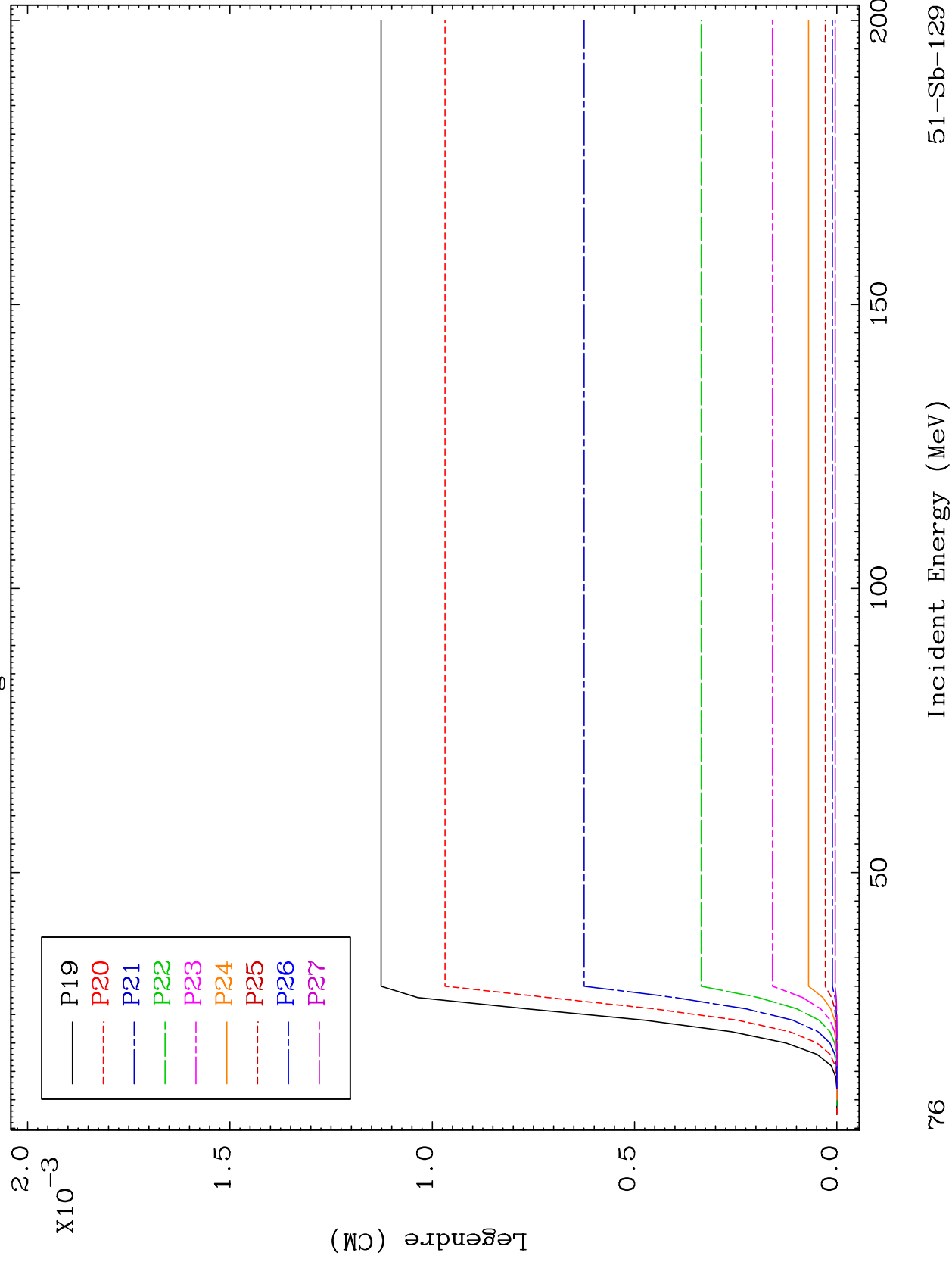


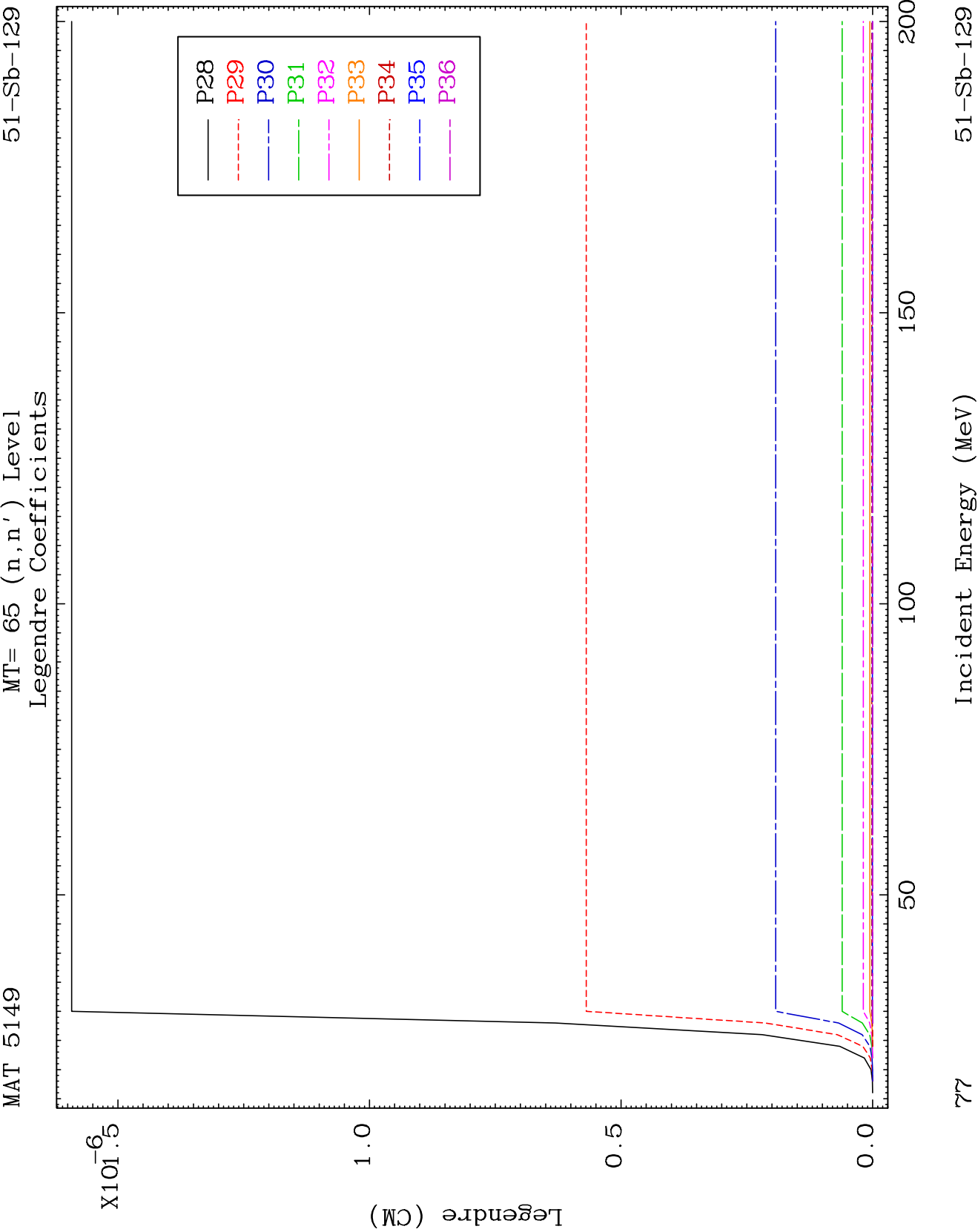


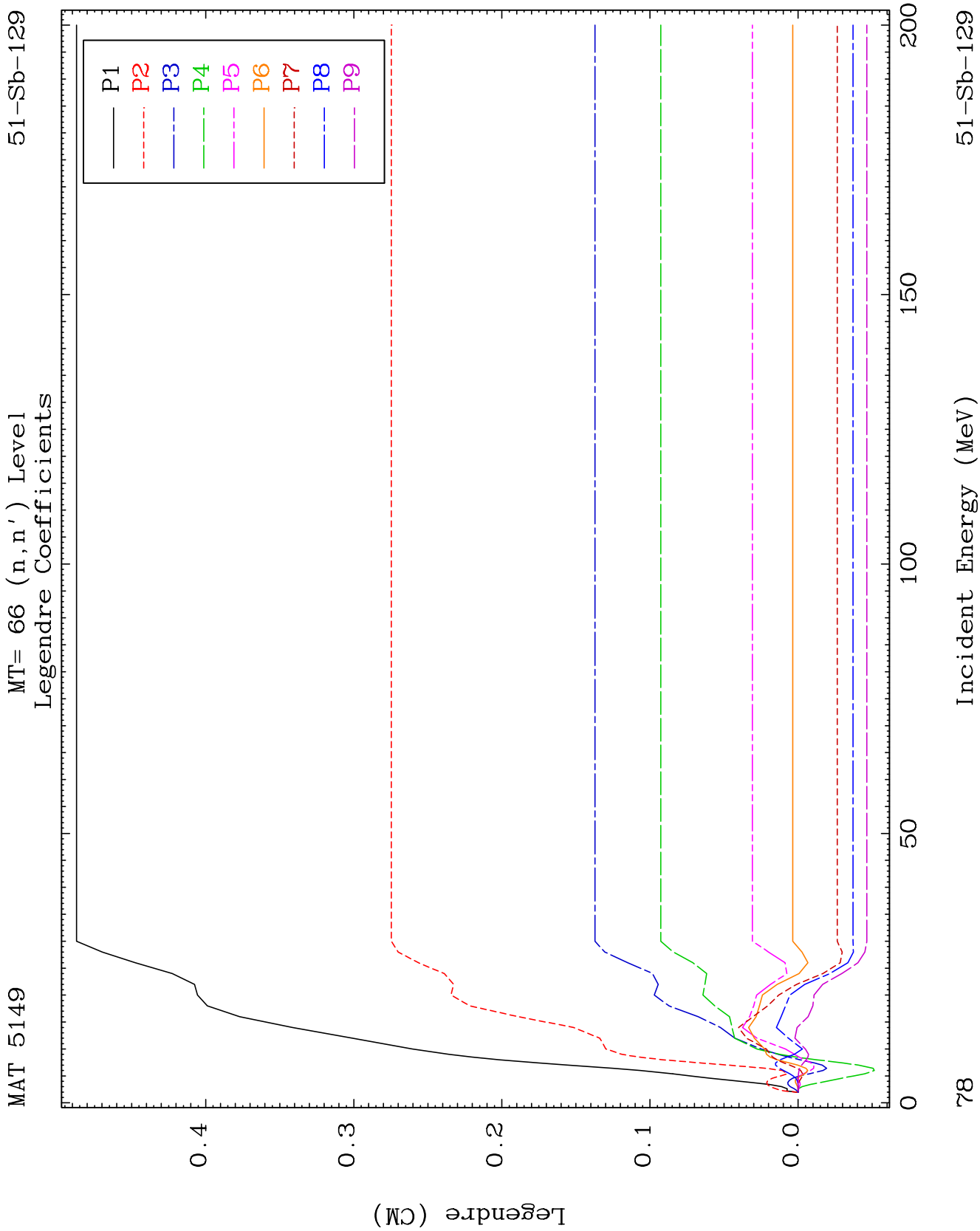
MAT 5149

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

51-Sb-129



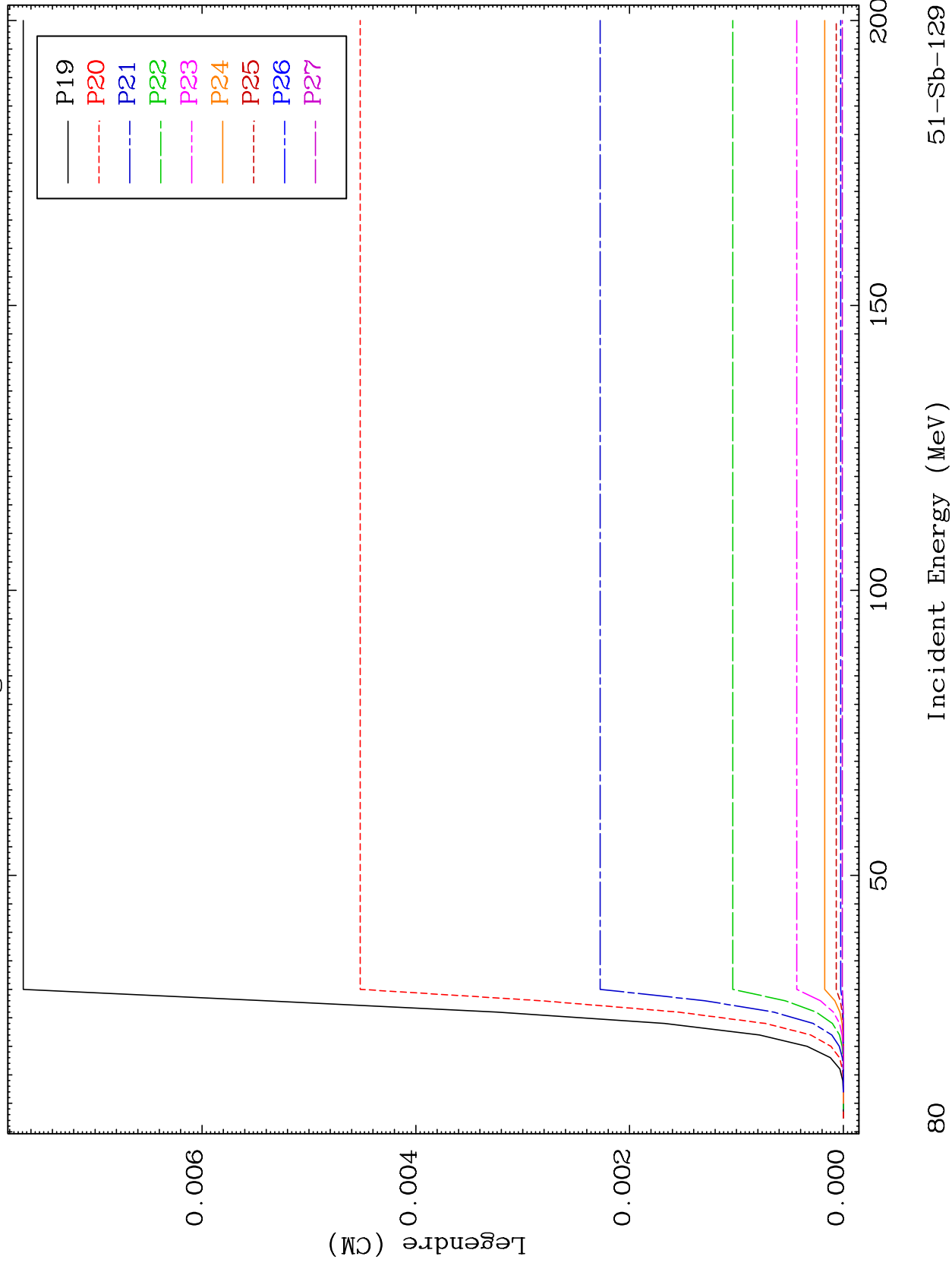


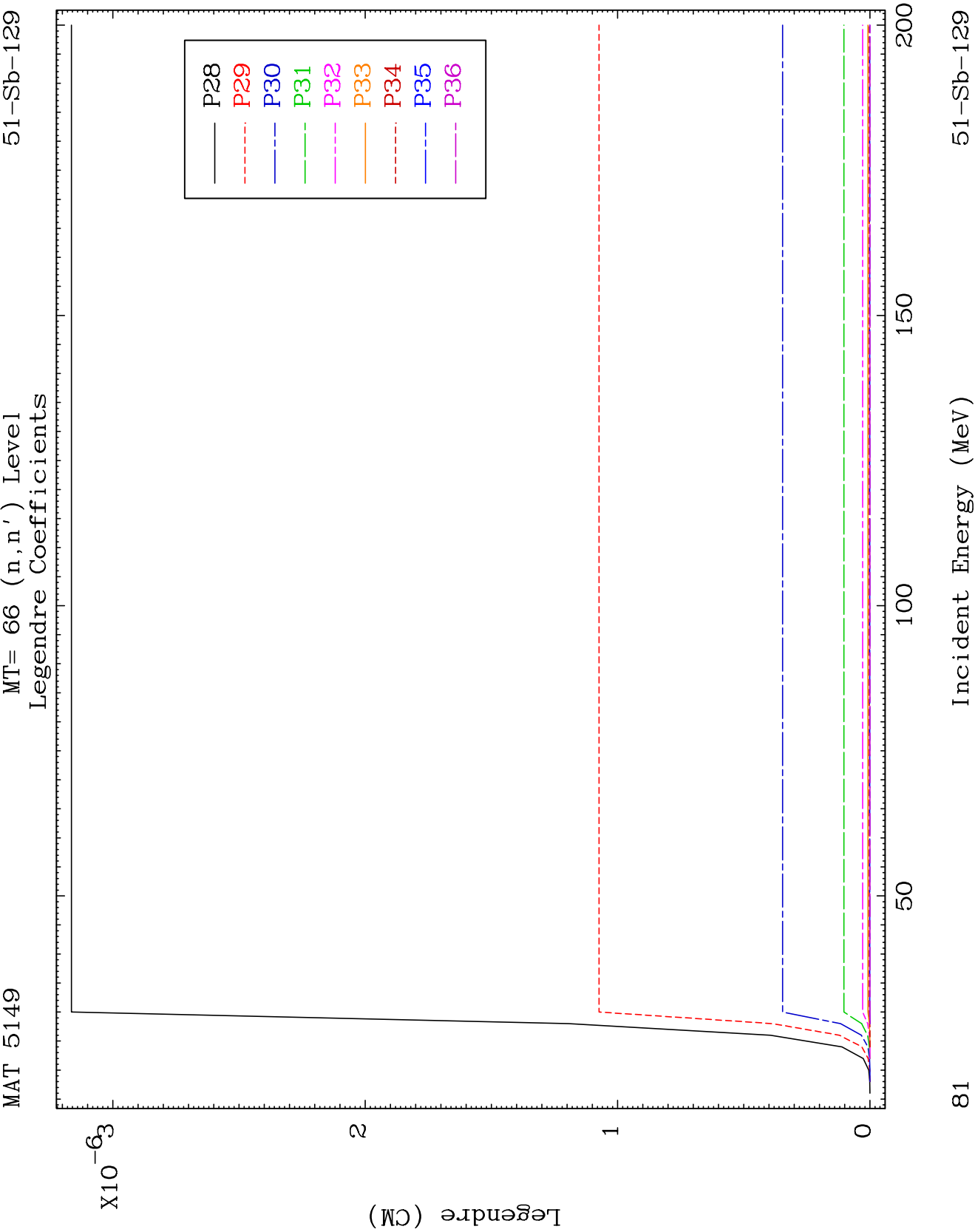


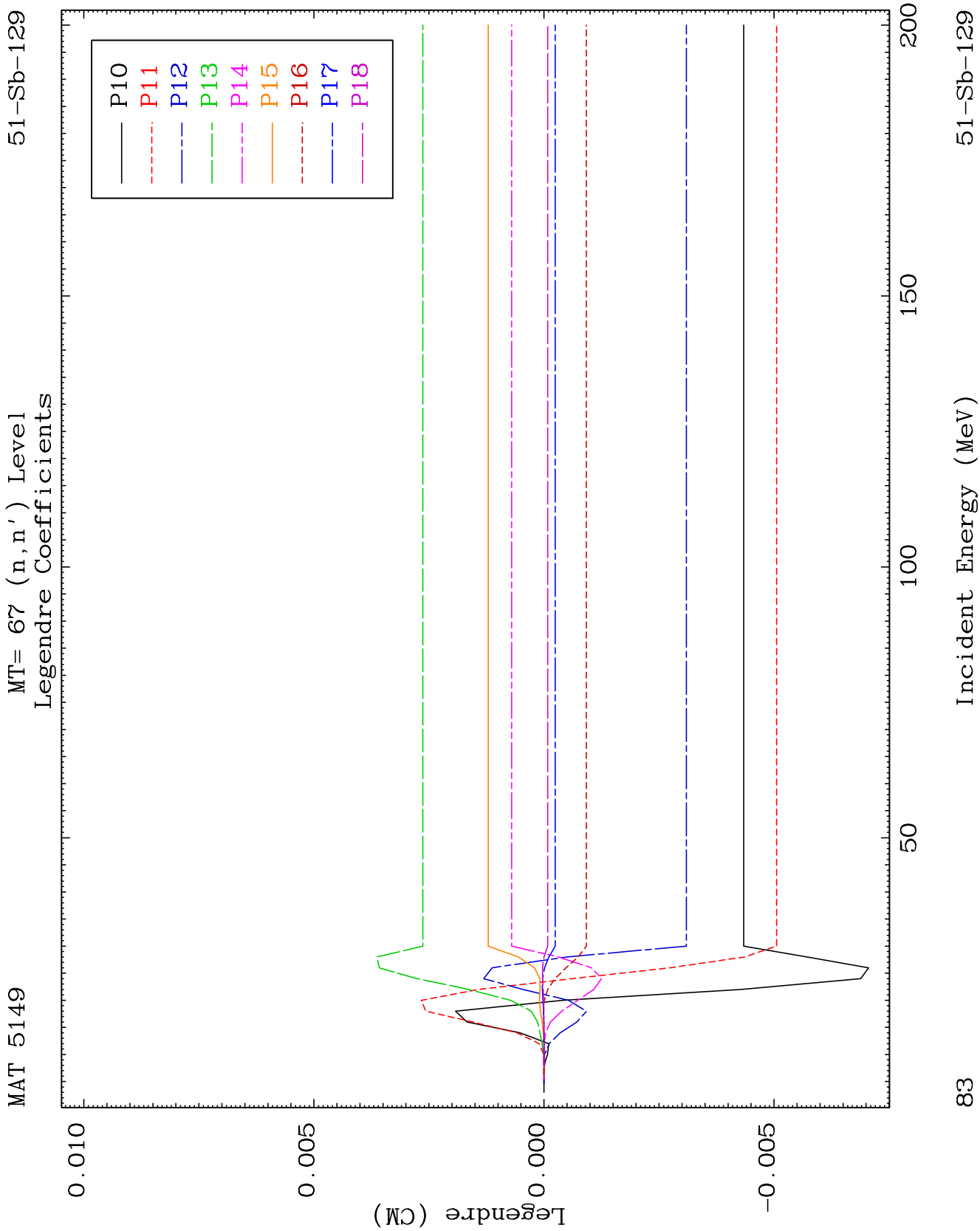
MAT 5149

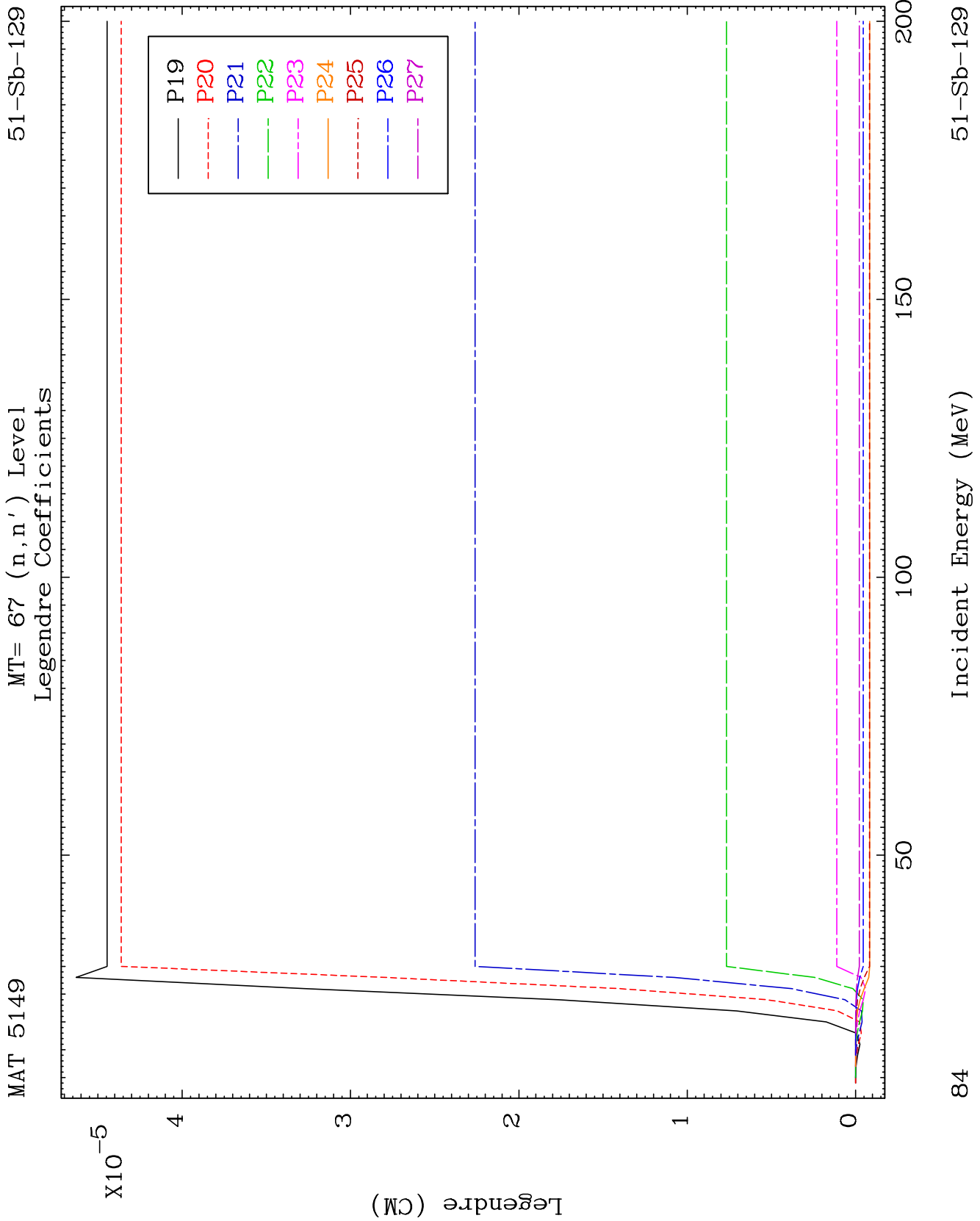
MT= 66 (n, n') Level
Legendre Coefficients

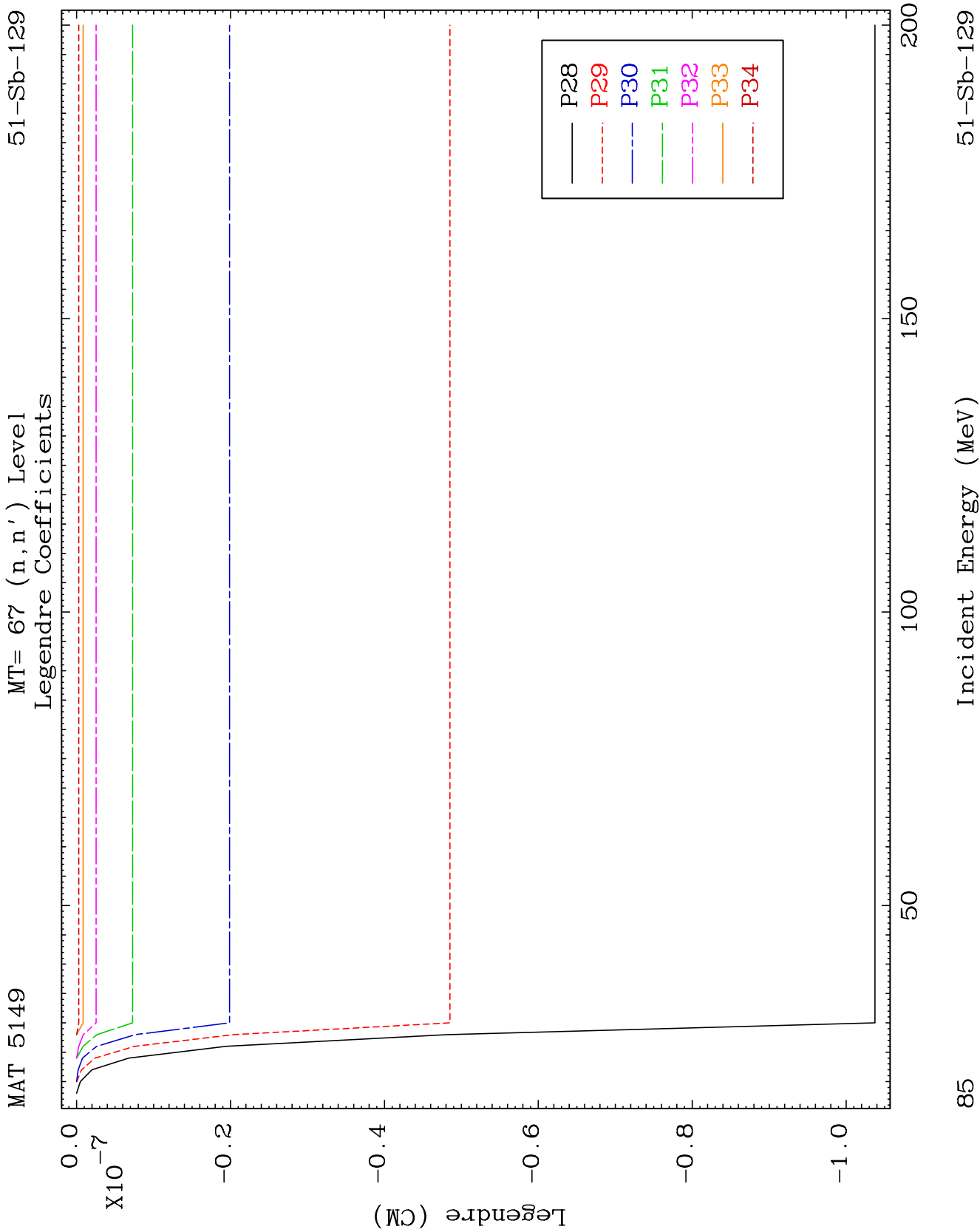
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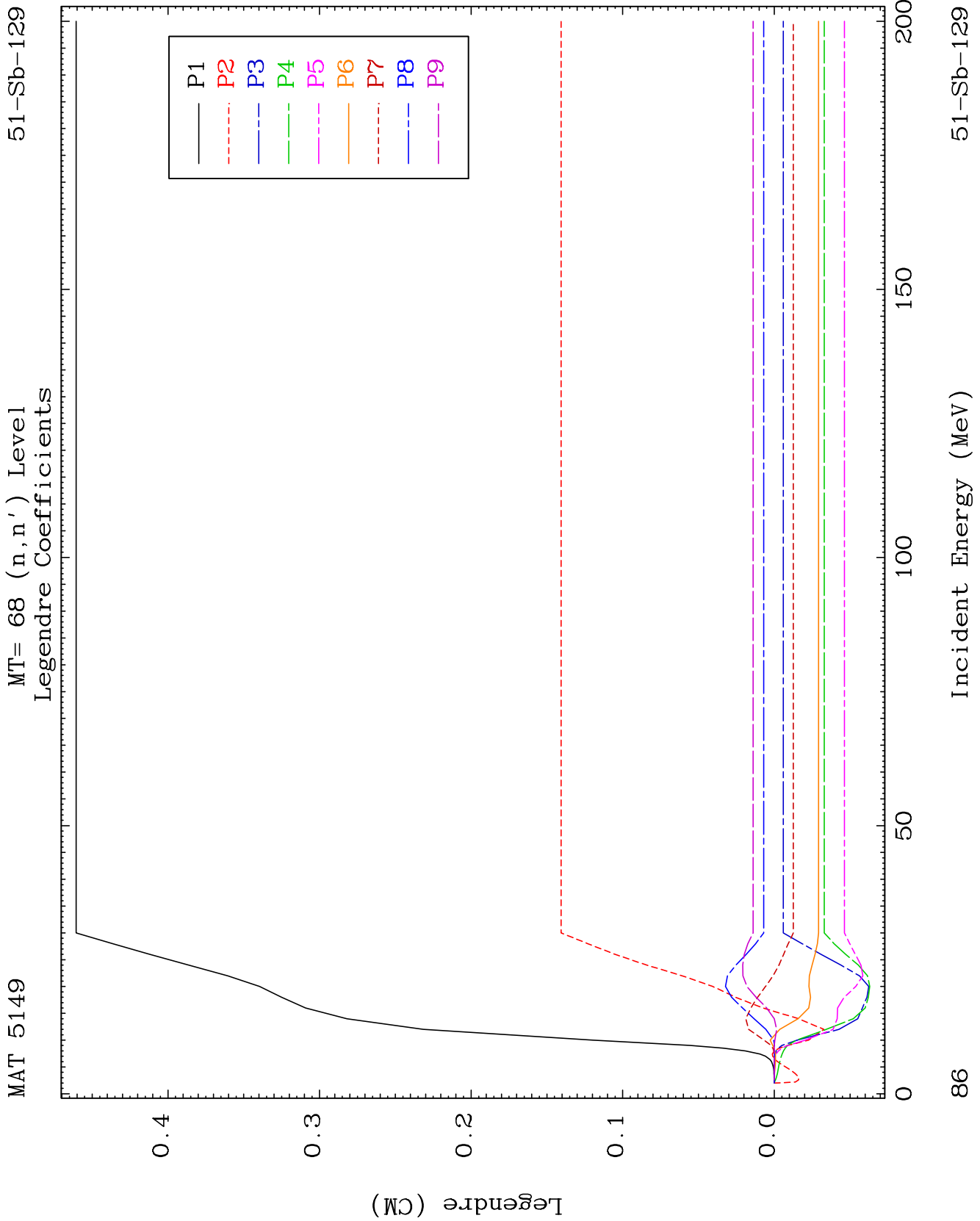










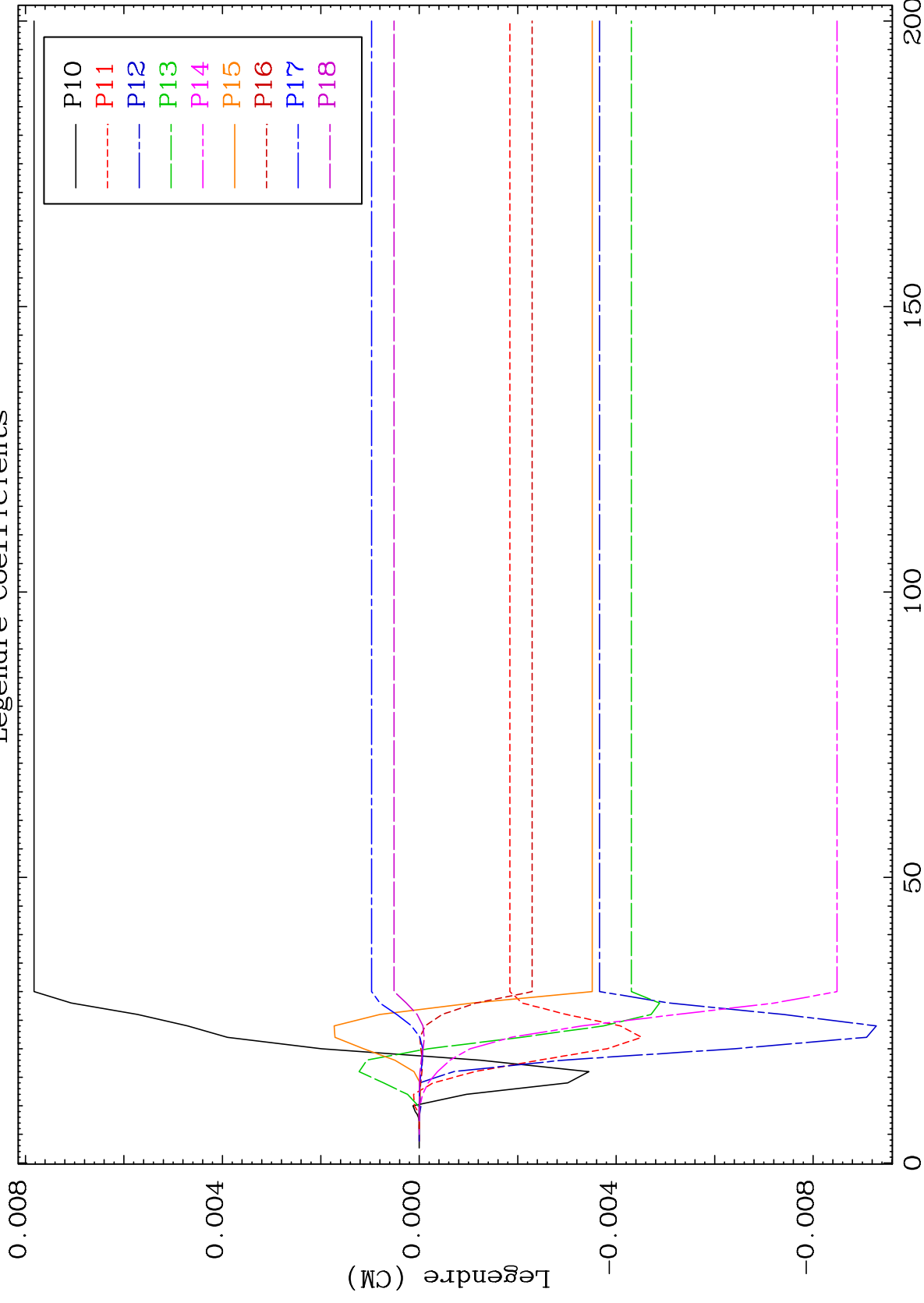


MAT 5149

MT= 68 (n, n') Level

51-Sb-129

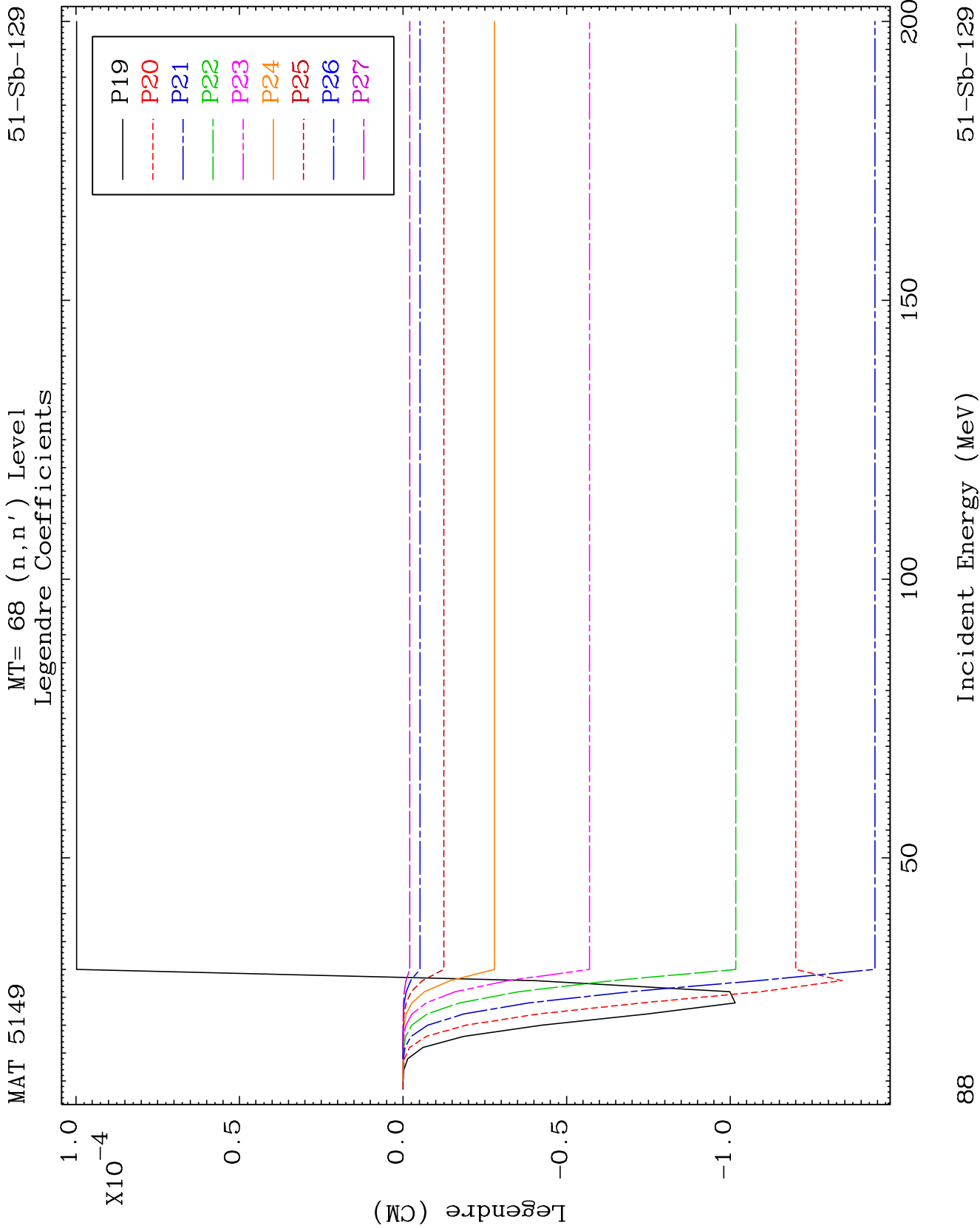
Legendre Coefficients

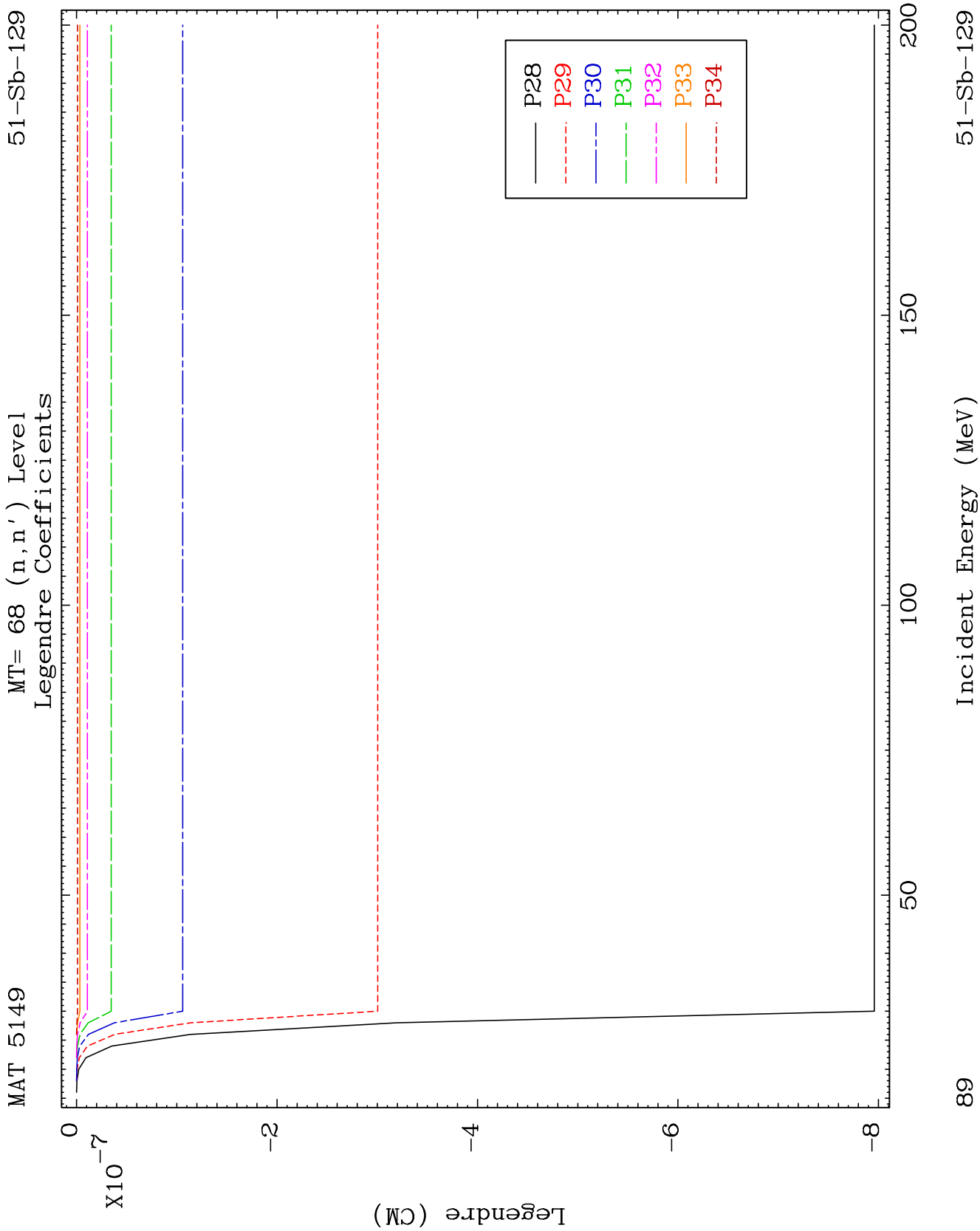


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Incident Energy (MeV)

51-Sb-129

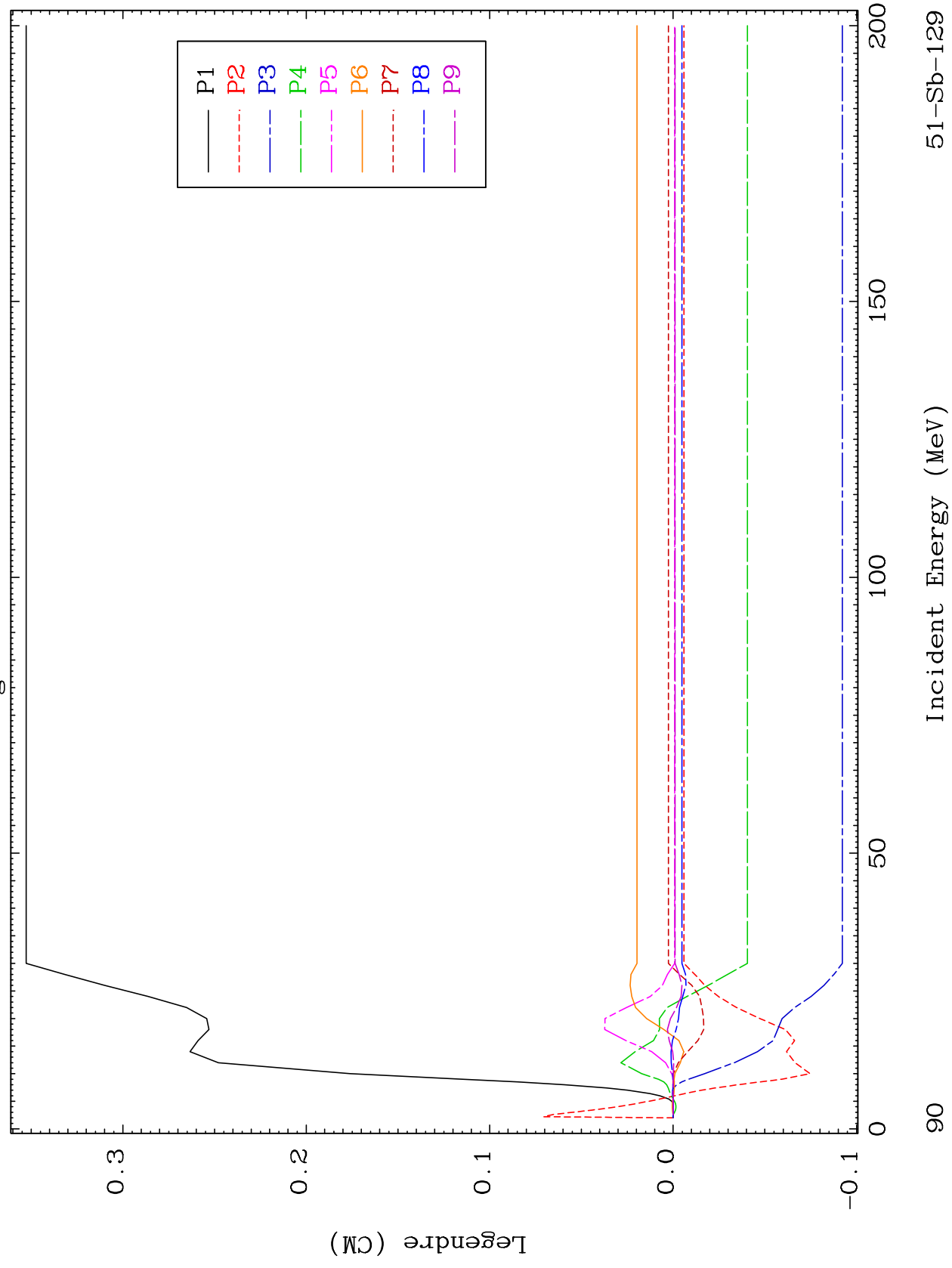




MAT 5149

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

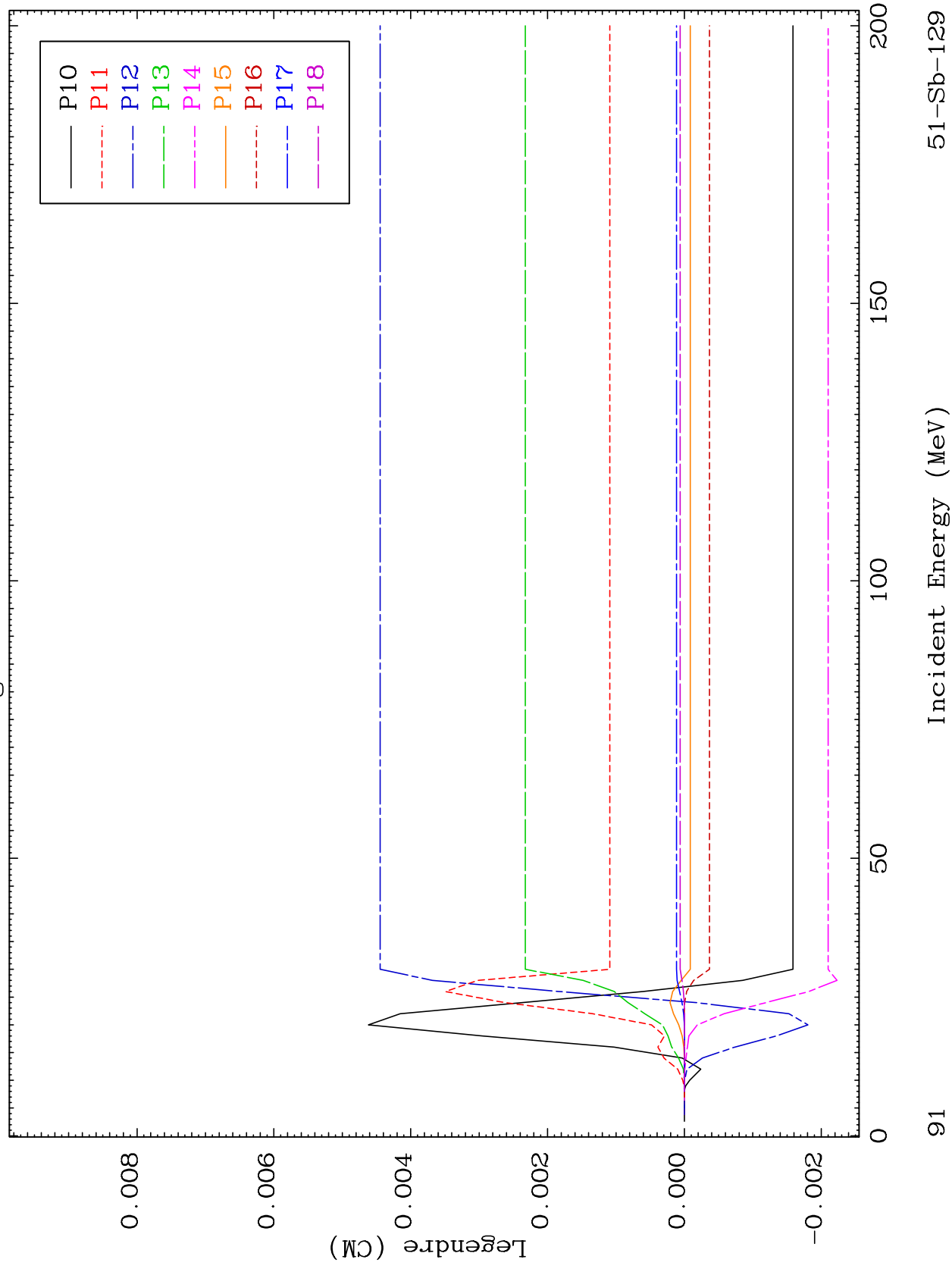
51-Sb-129

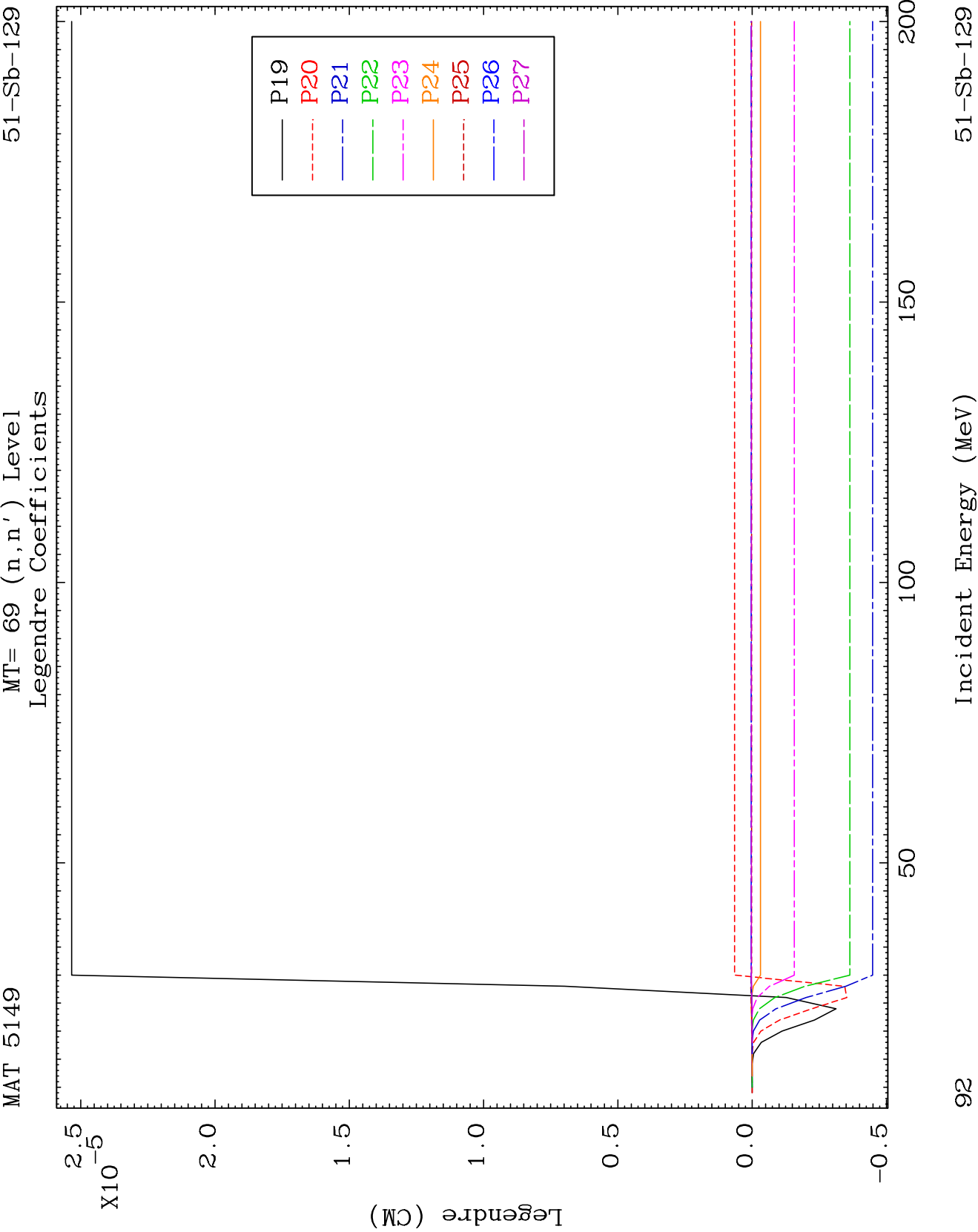


MAT 5149

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

51-Sb-129

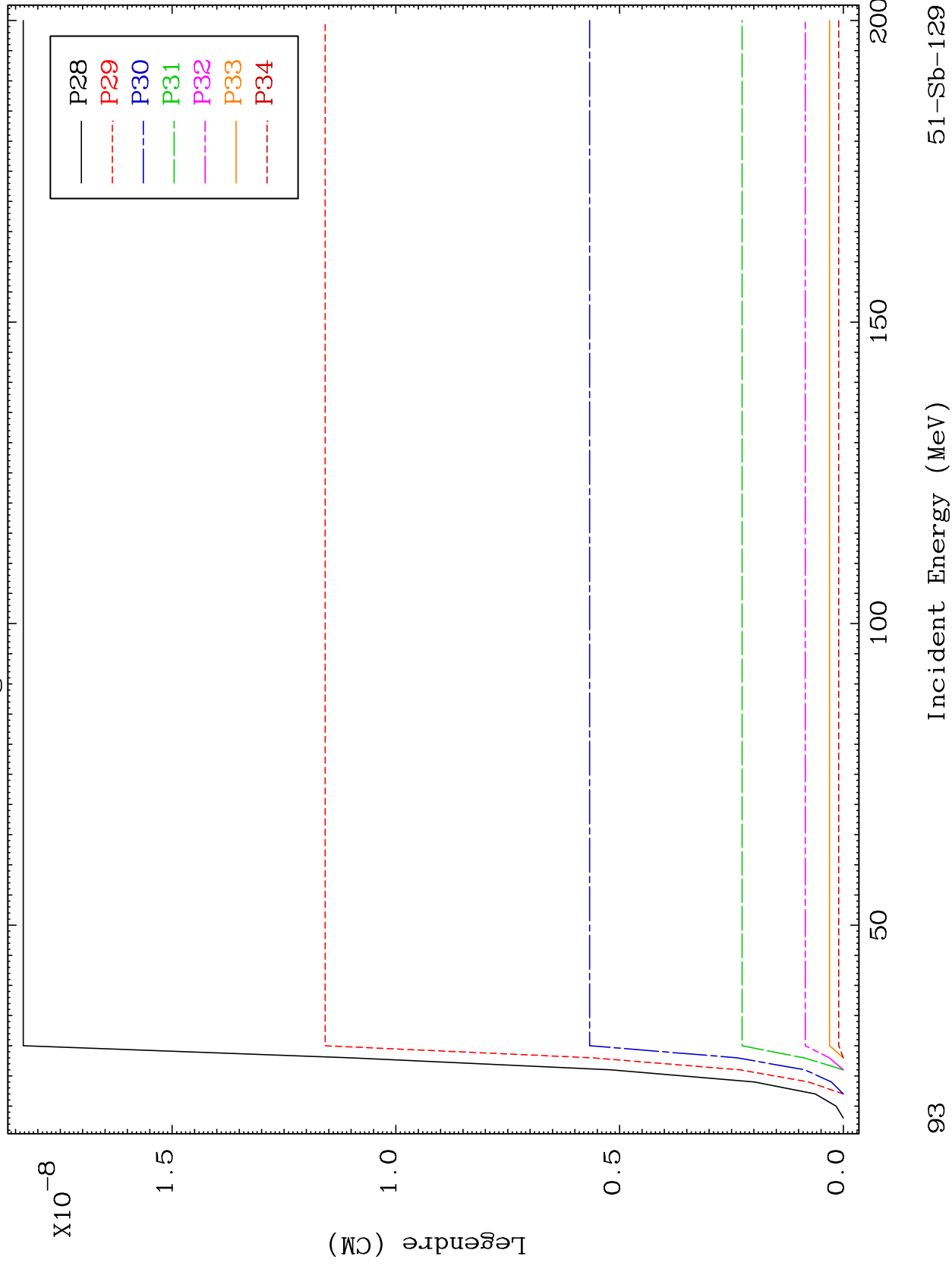




MAT 5149

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

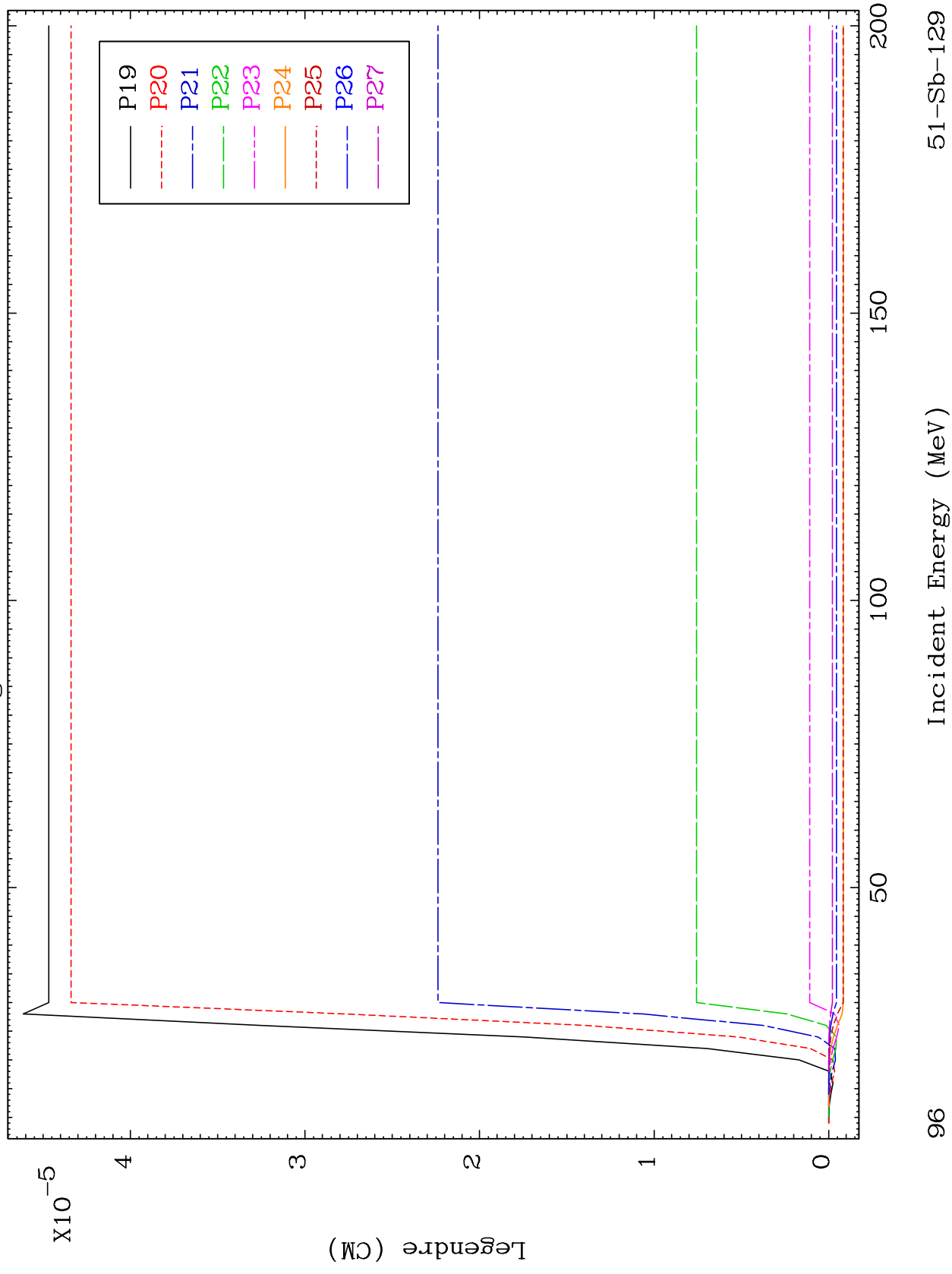
51-Sb-129

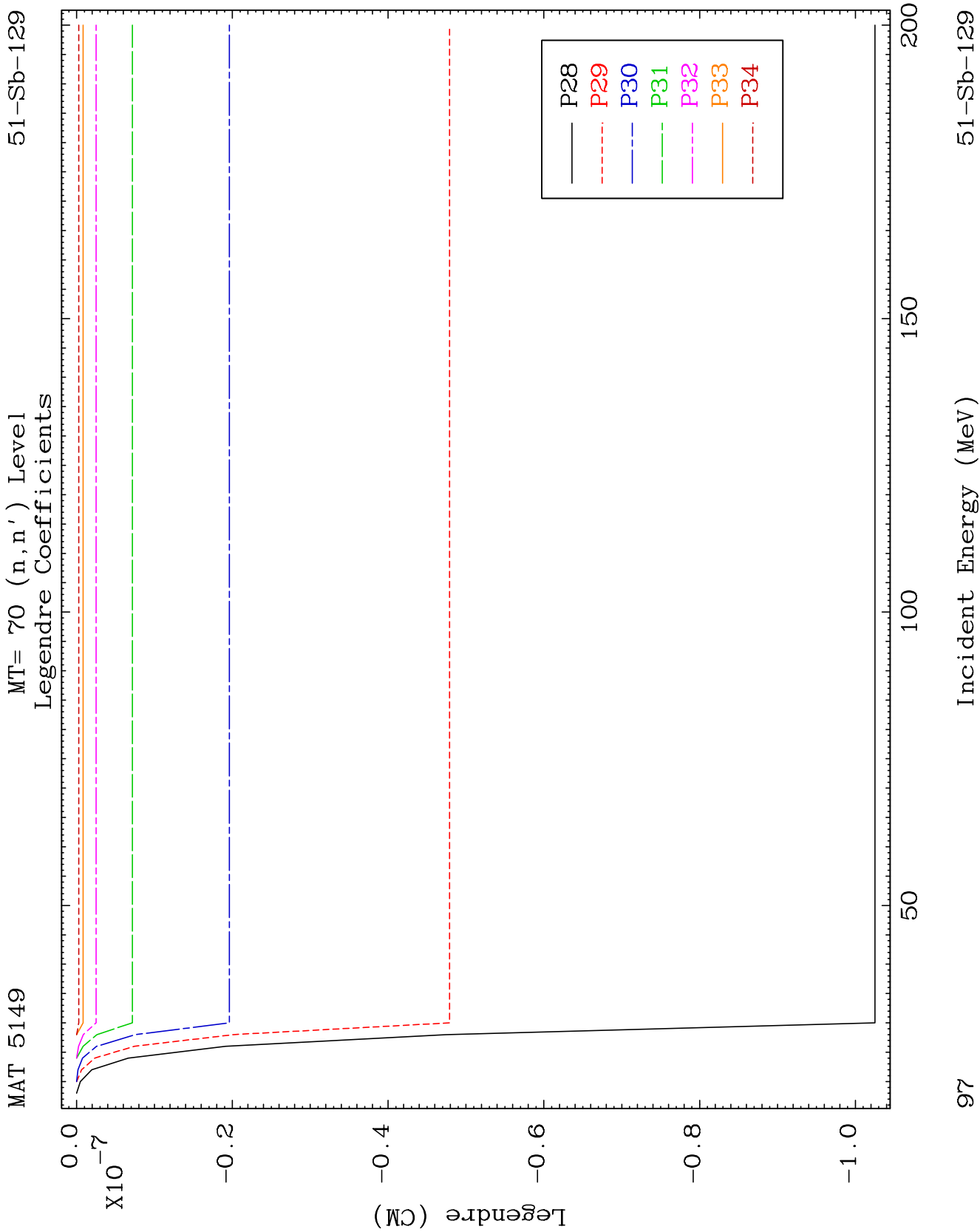


MAT 5149

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

51-Sb-129

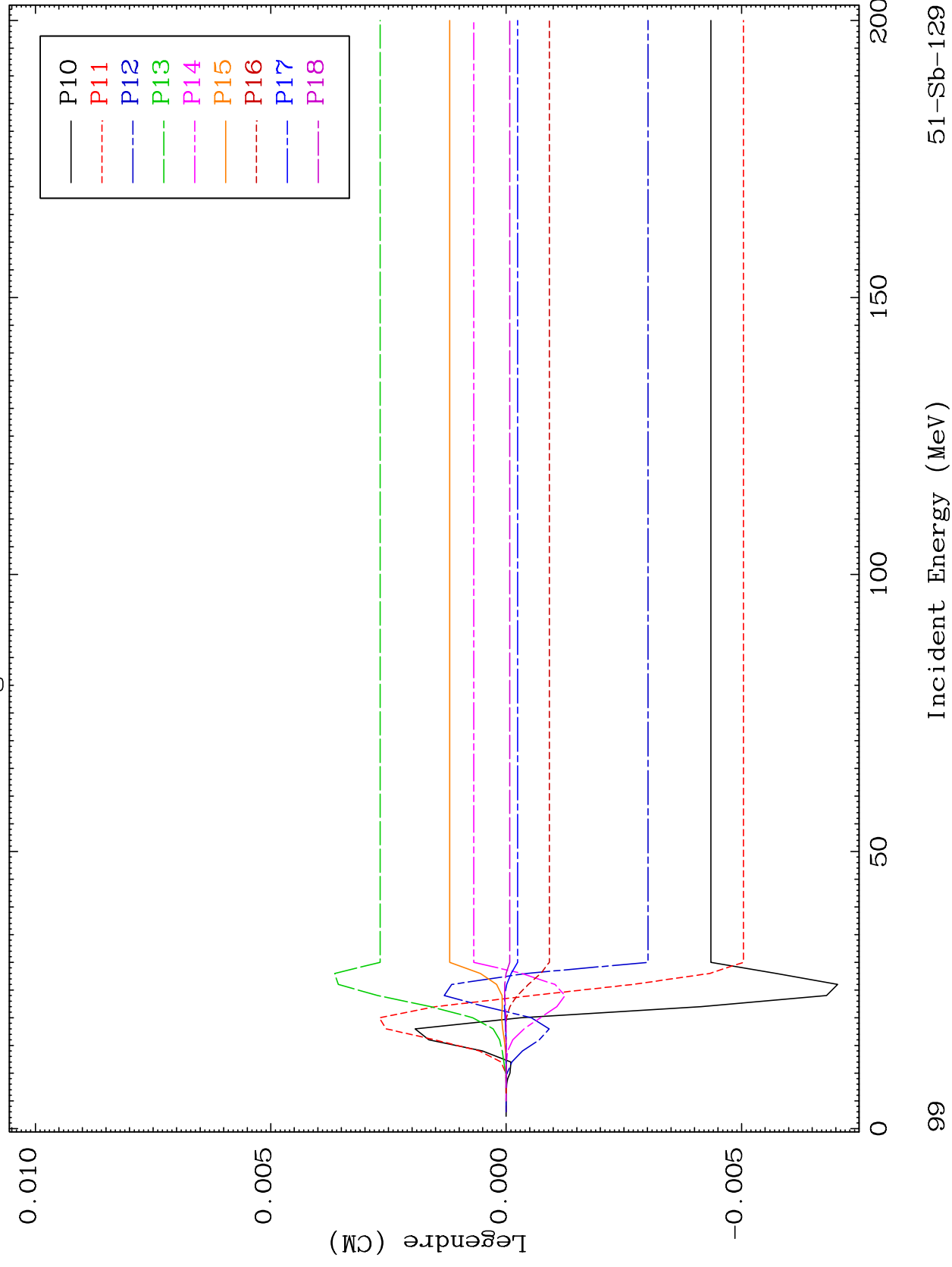


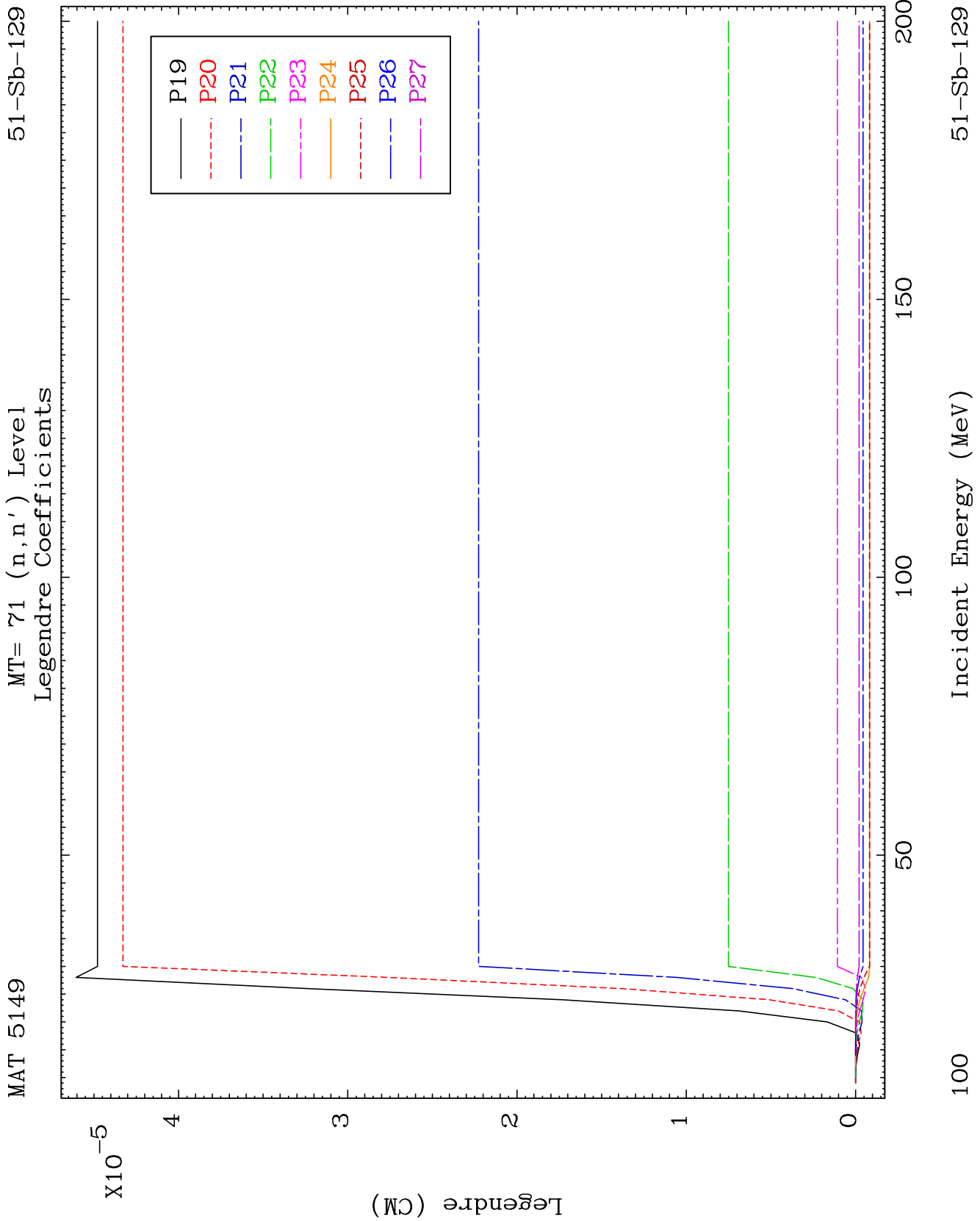


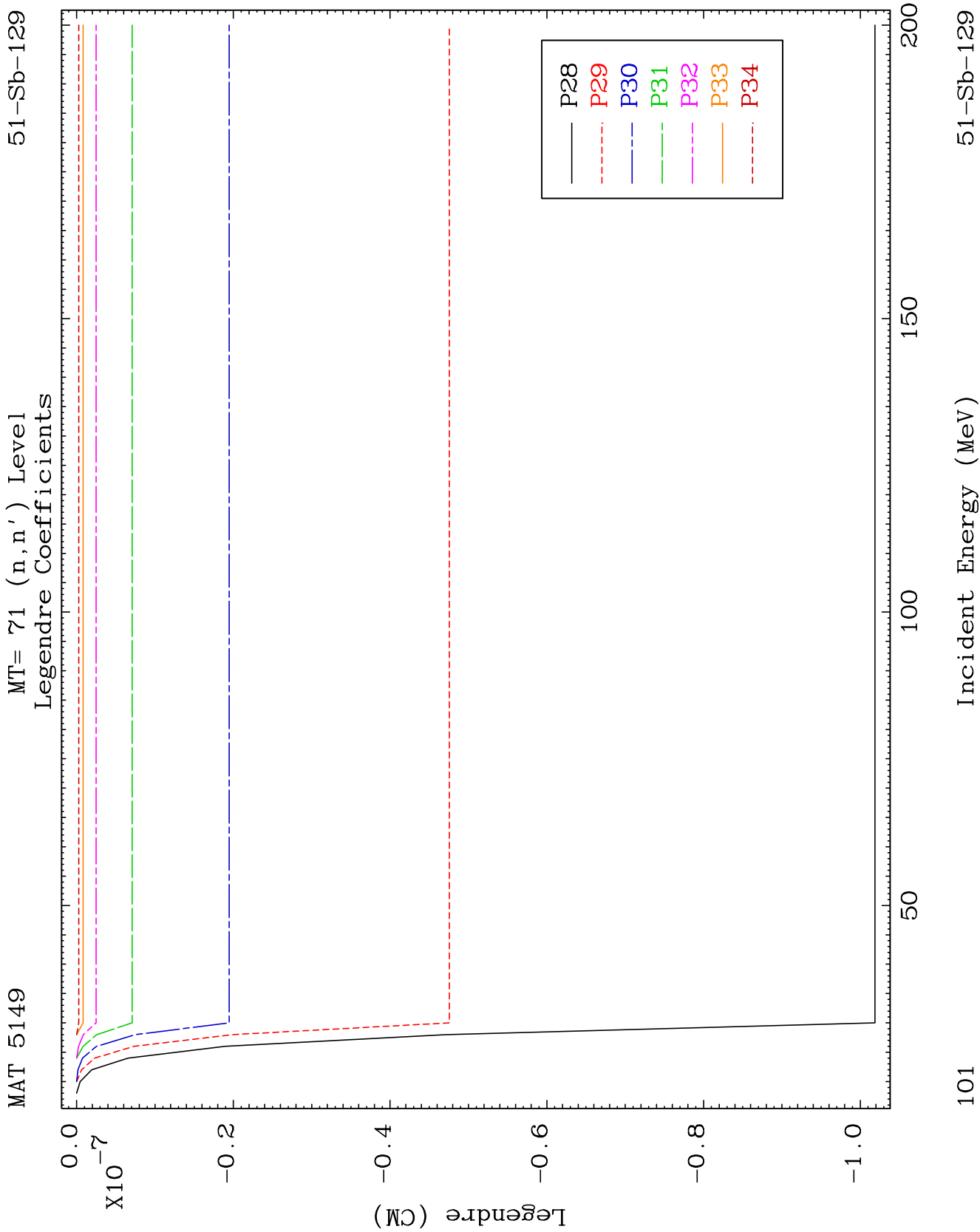
MAT 5149

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

51-Sb-129



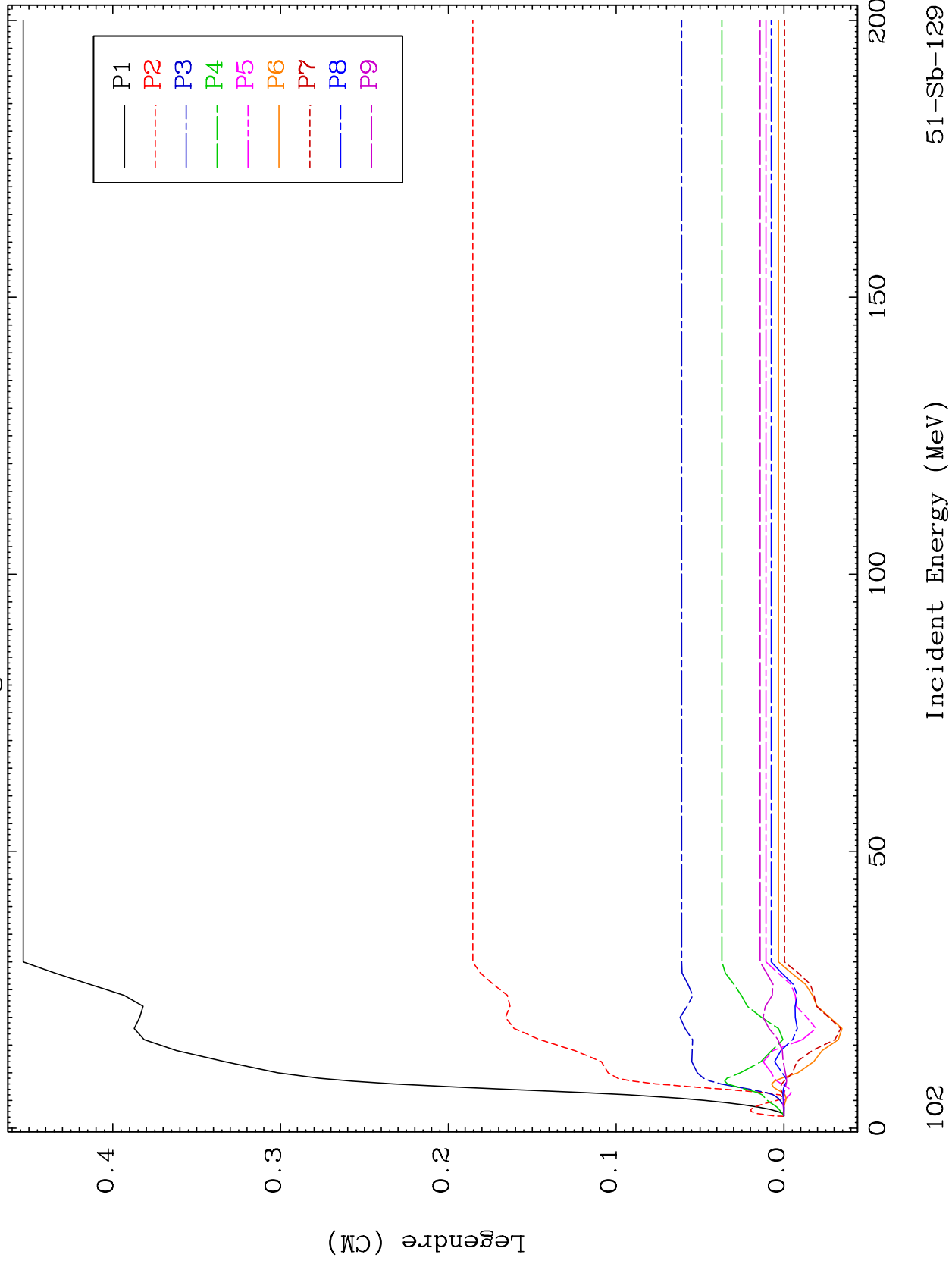




MAT 5149

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

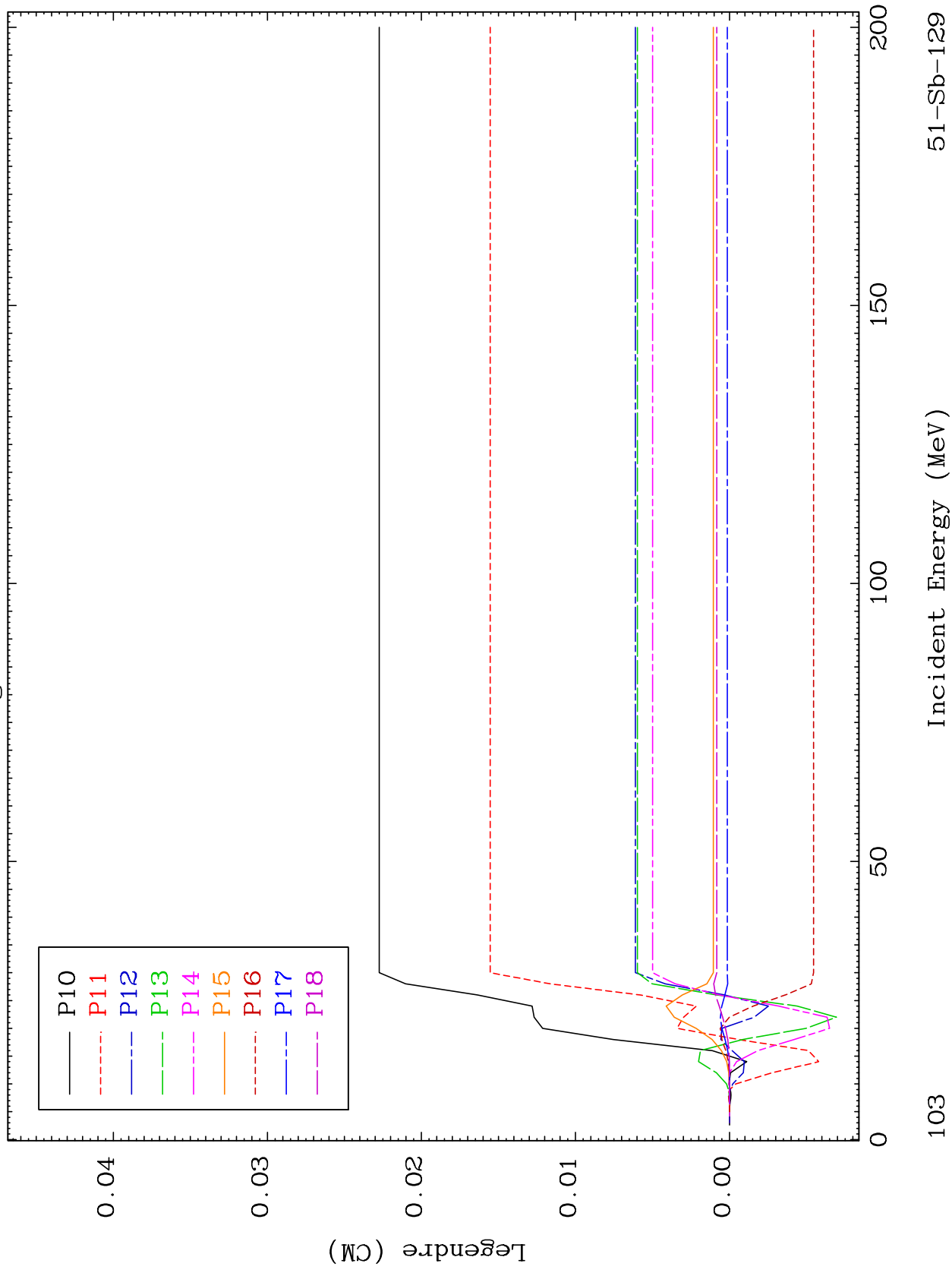
51-Sb-129



MAT 5149

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

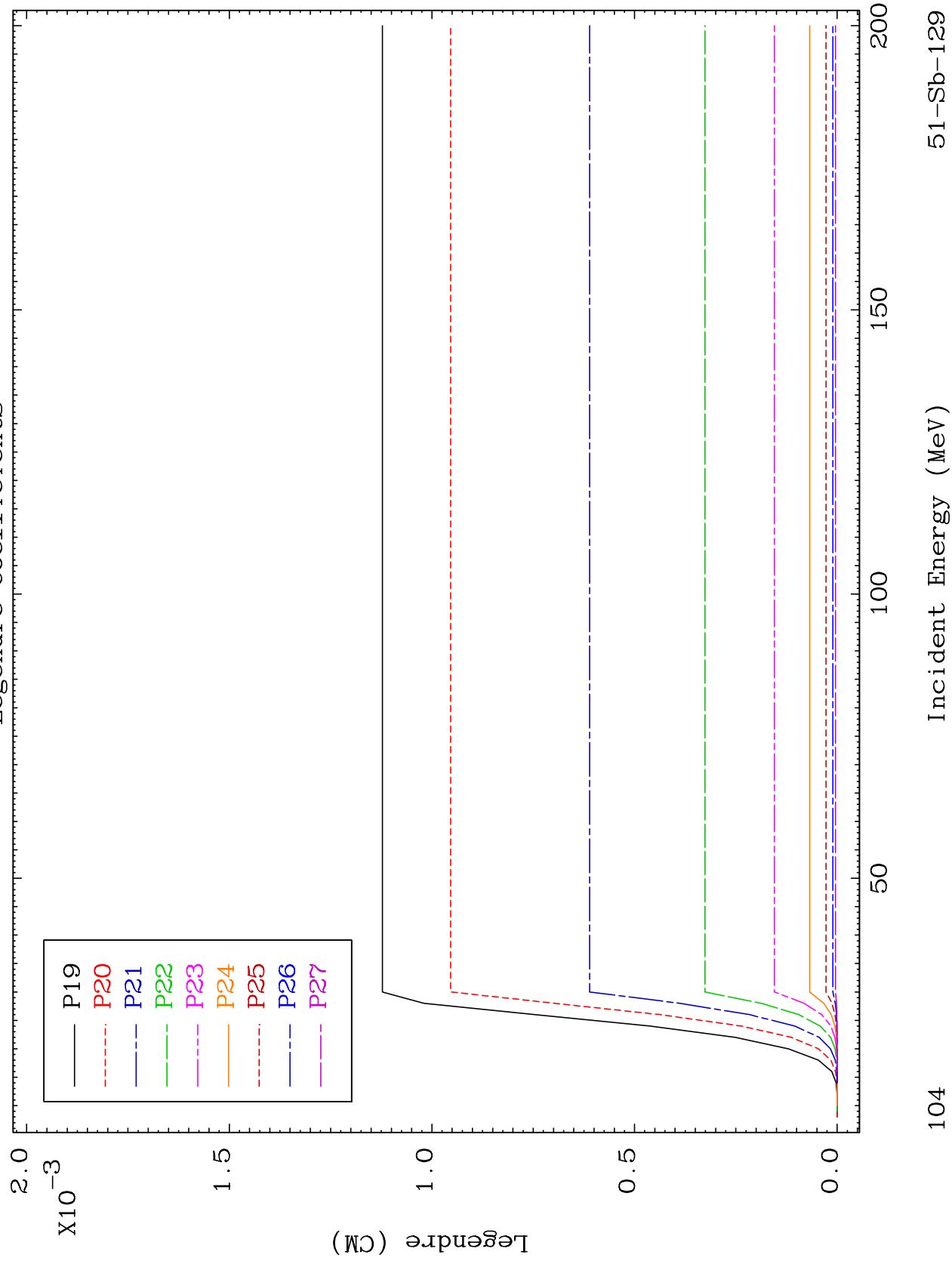
51-Sb-129

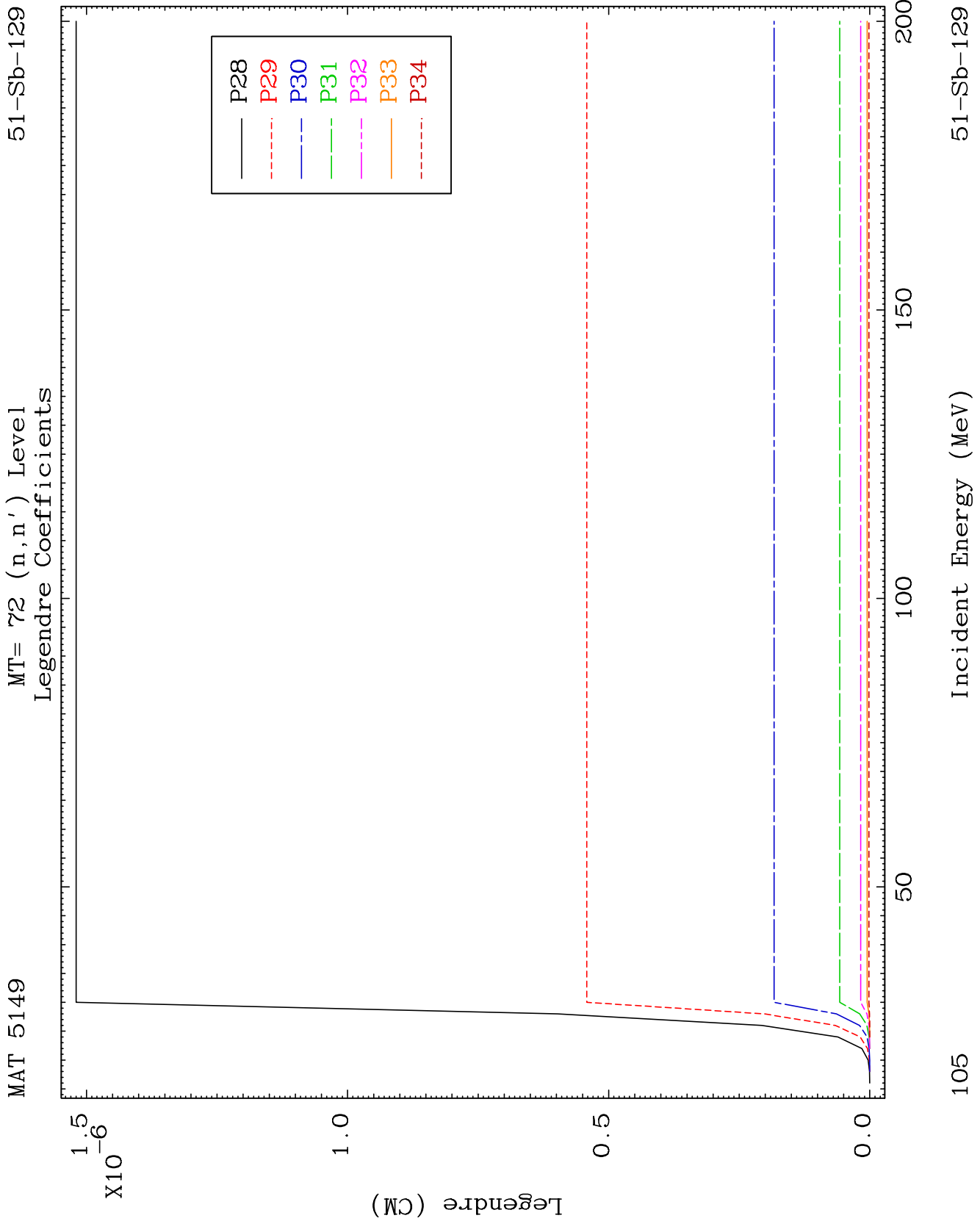


MAT 5149

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

51-Sb-129

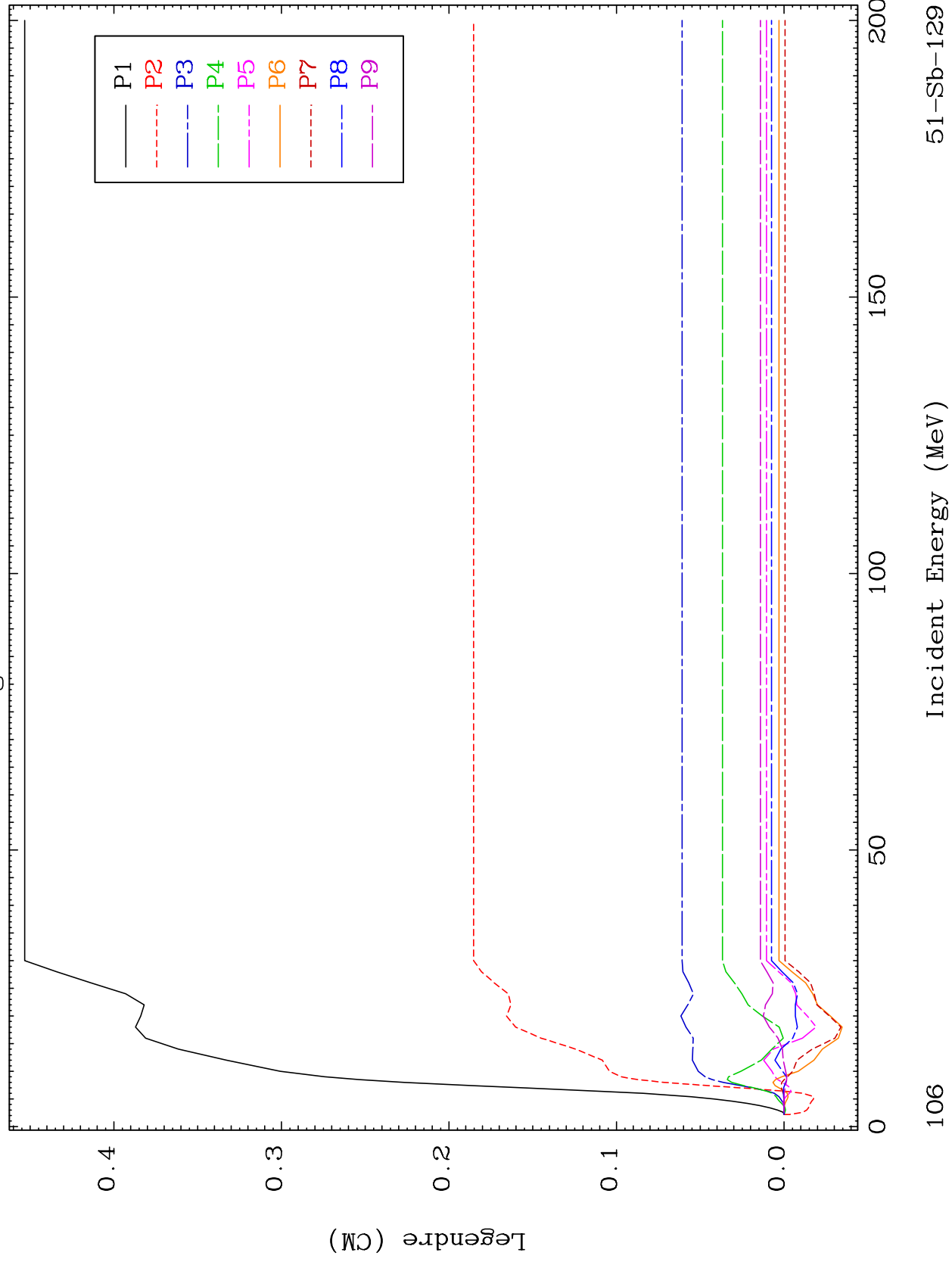


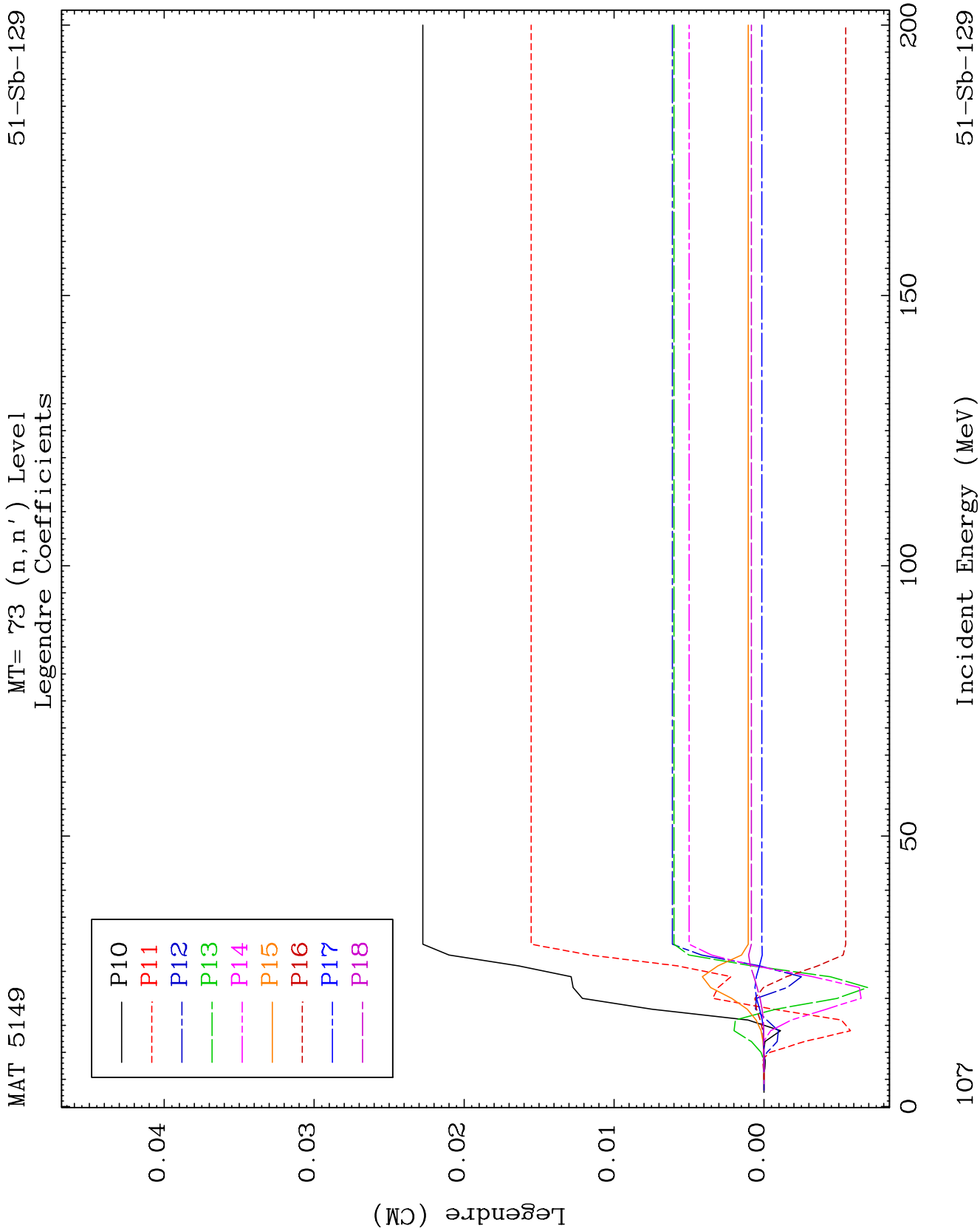


MAT 5149

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

51-Sb-129

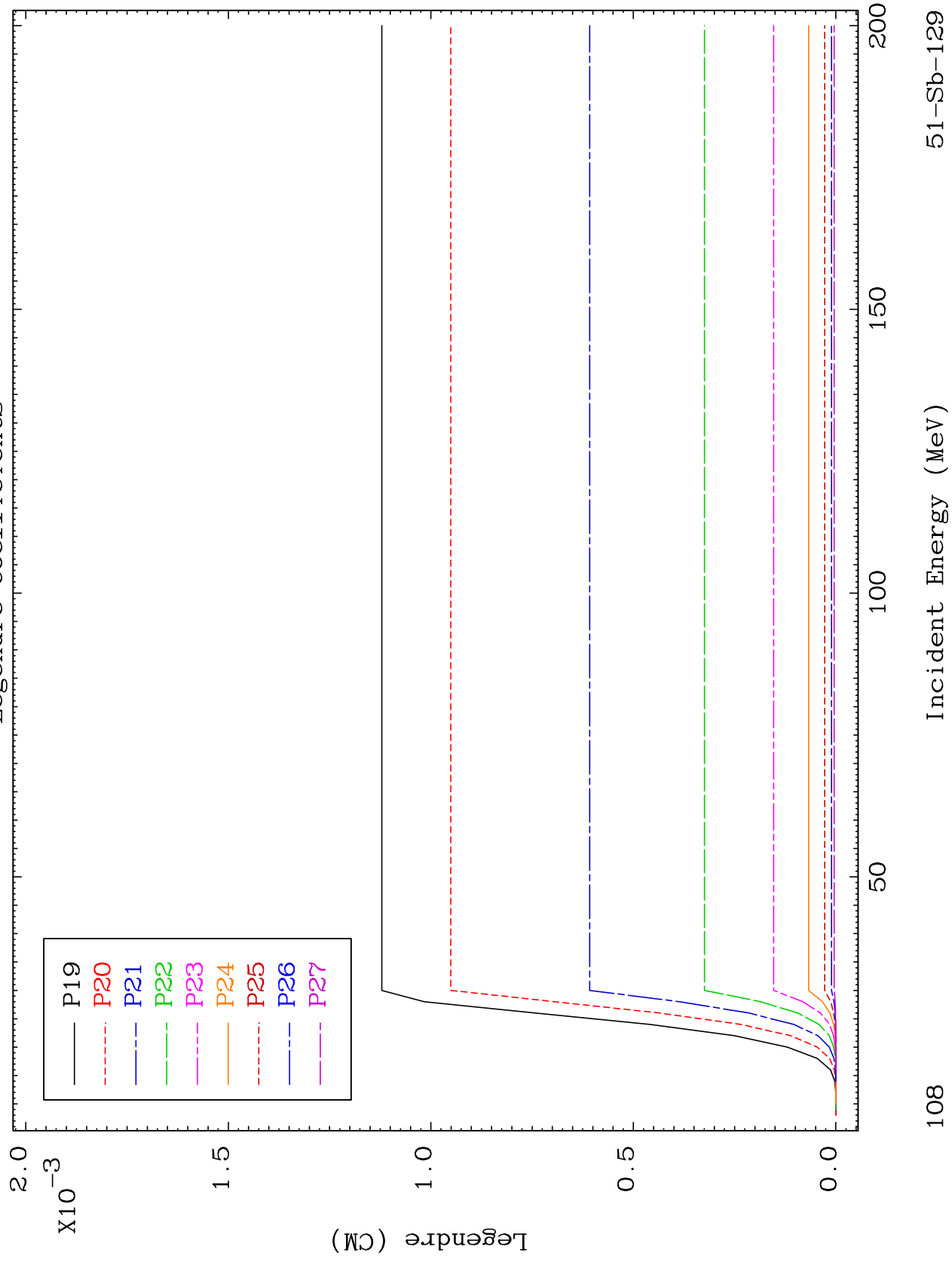




MAT 5149

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

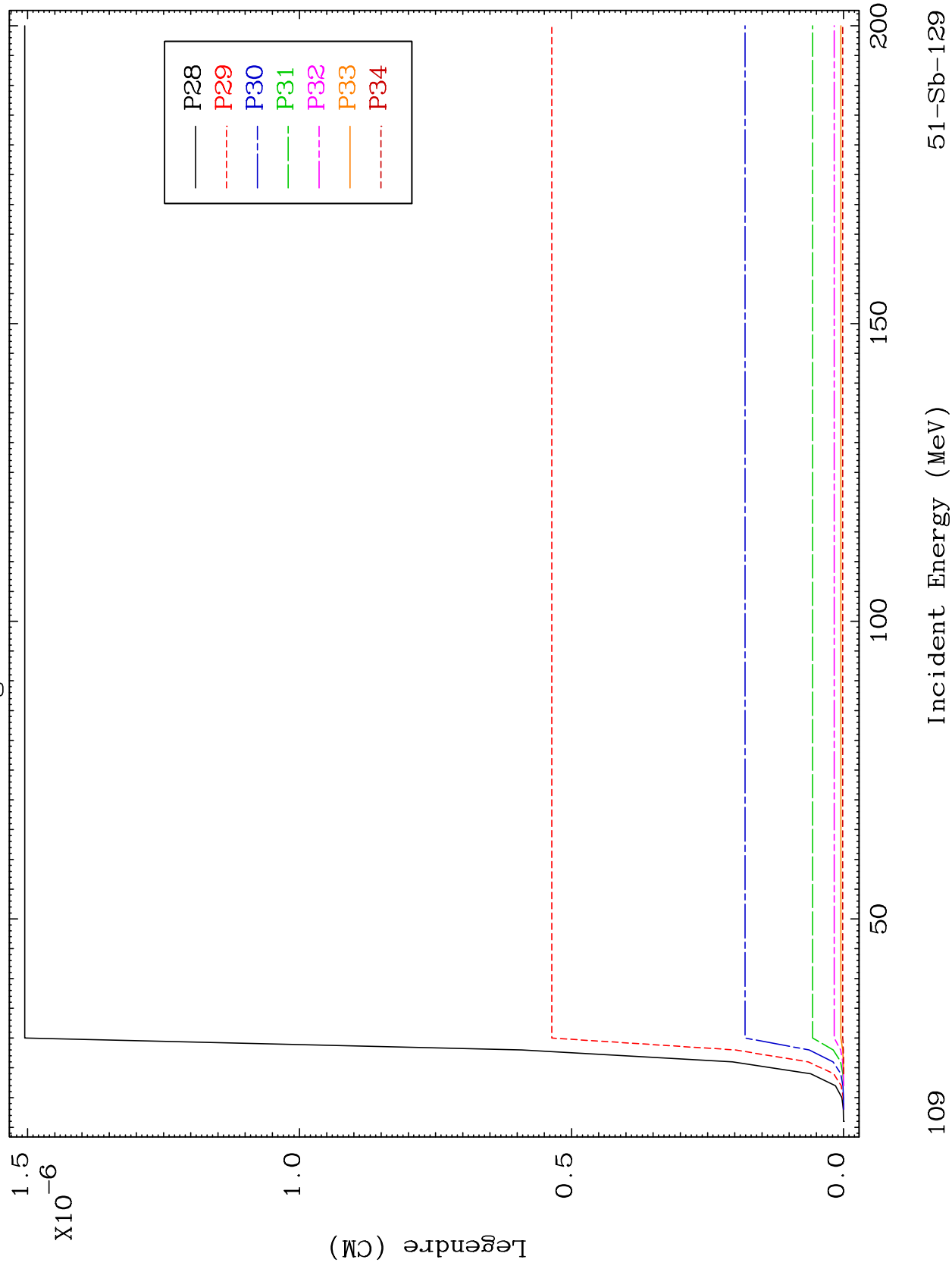
51-Sb-129

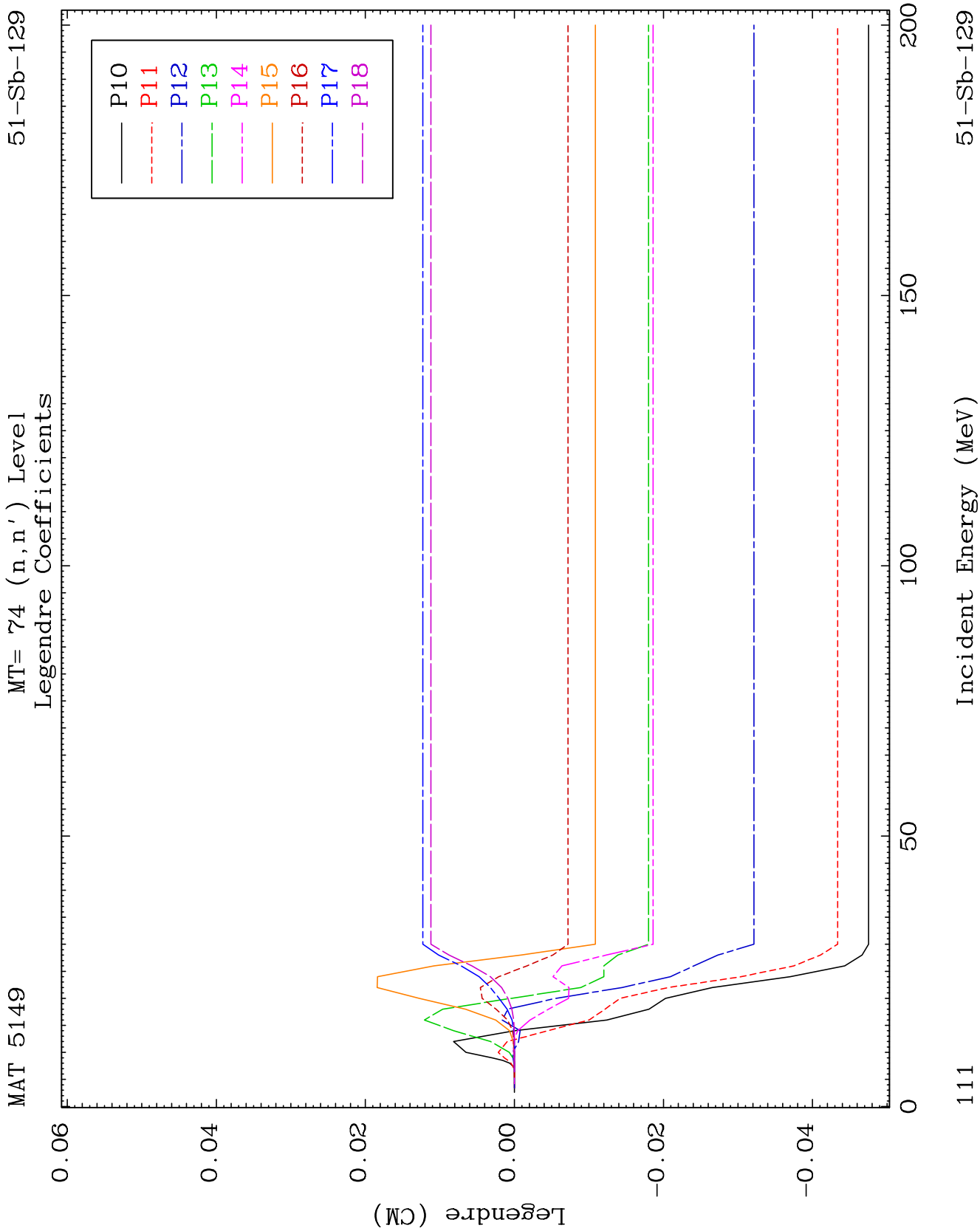


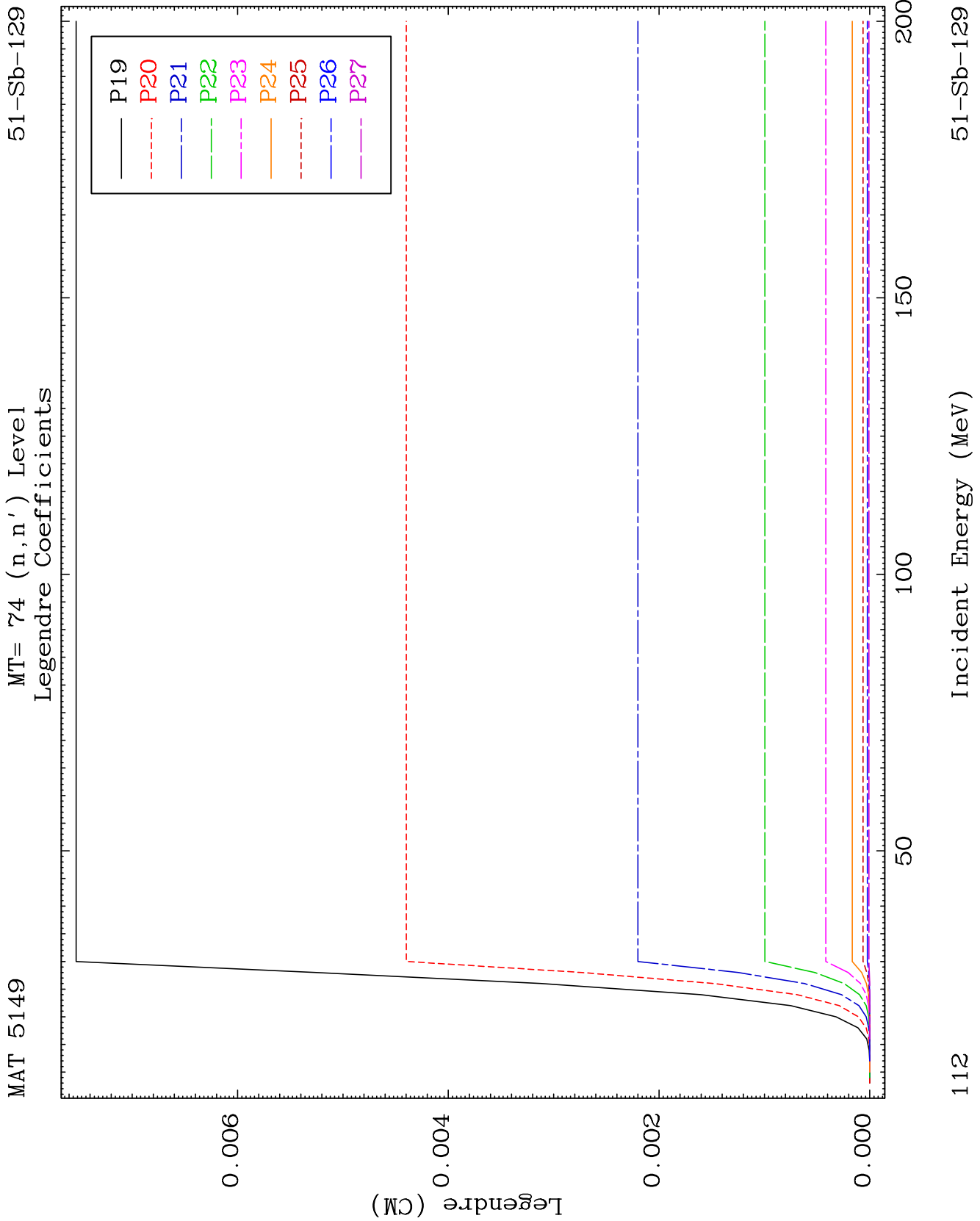
MAT 5149

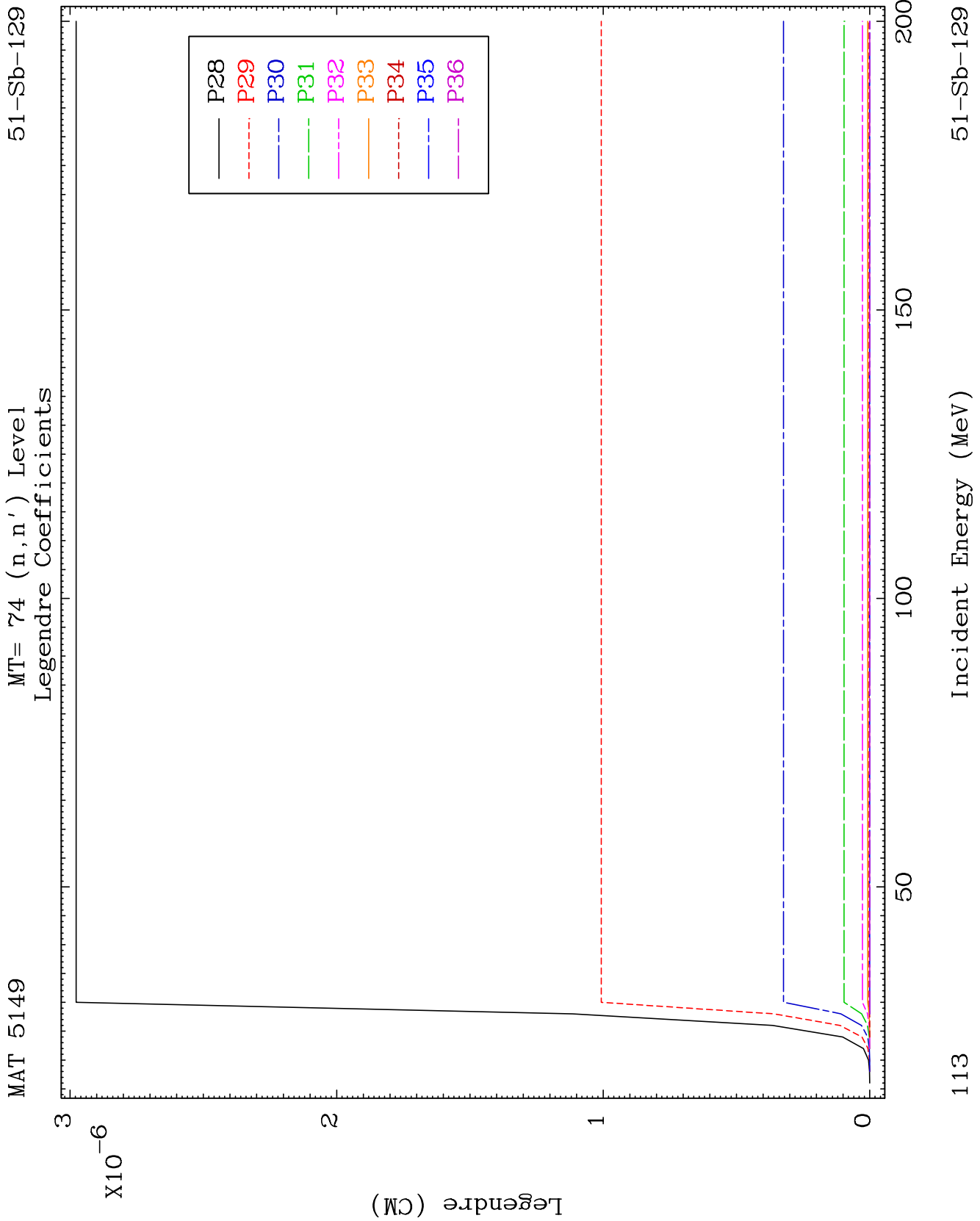
MT= 73 (n, n') Level
Legendre Coefficients

51-Sb-129





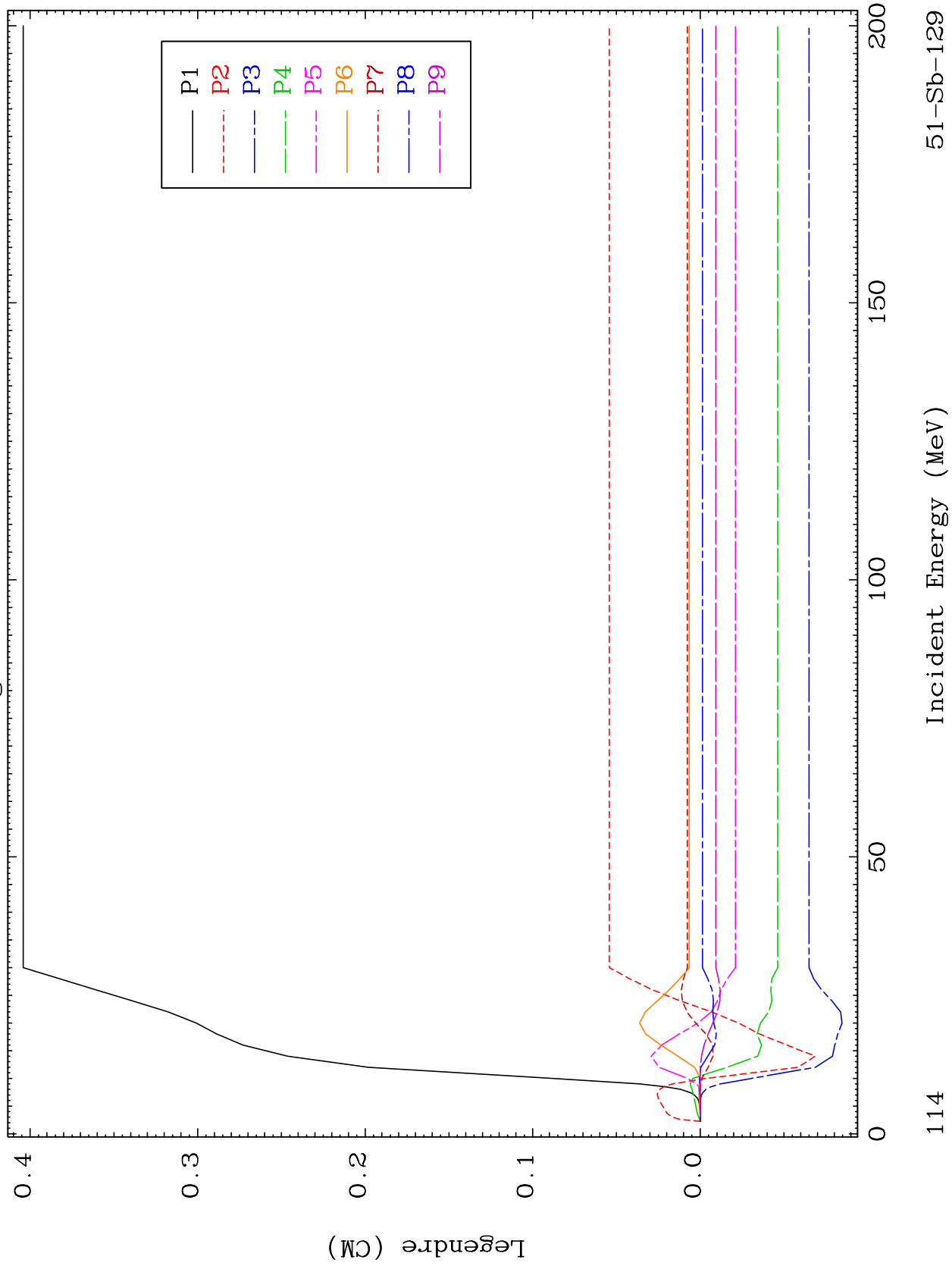




MAT 5149

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

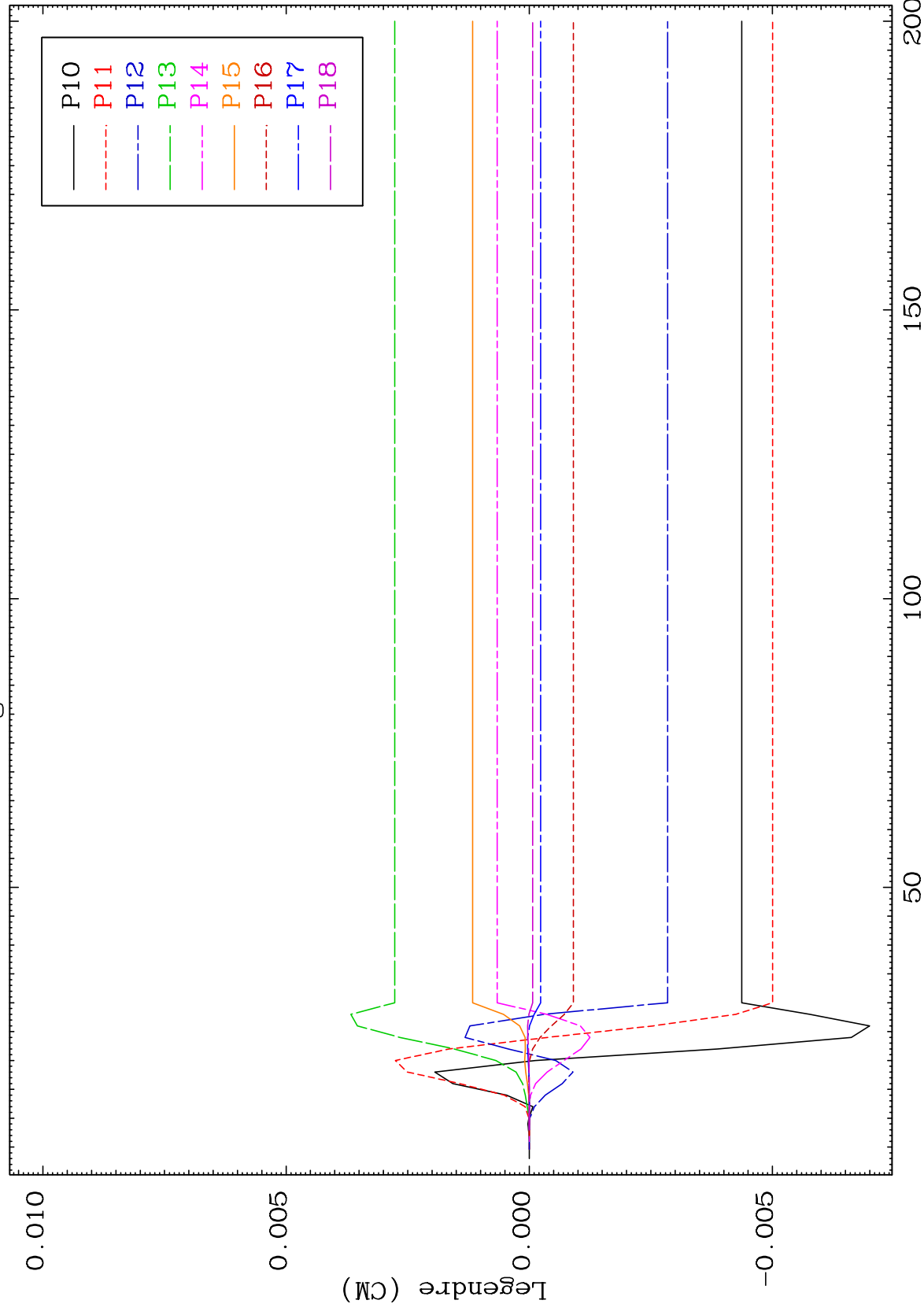
51-Sb-129



MAT 5149

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

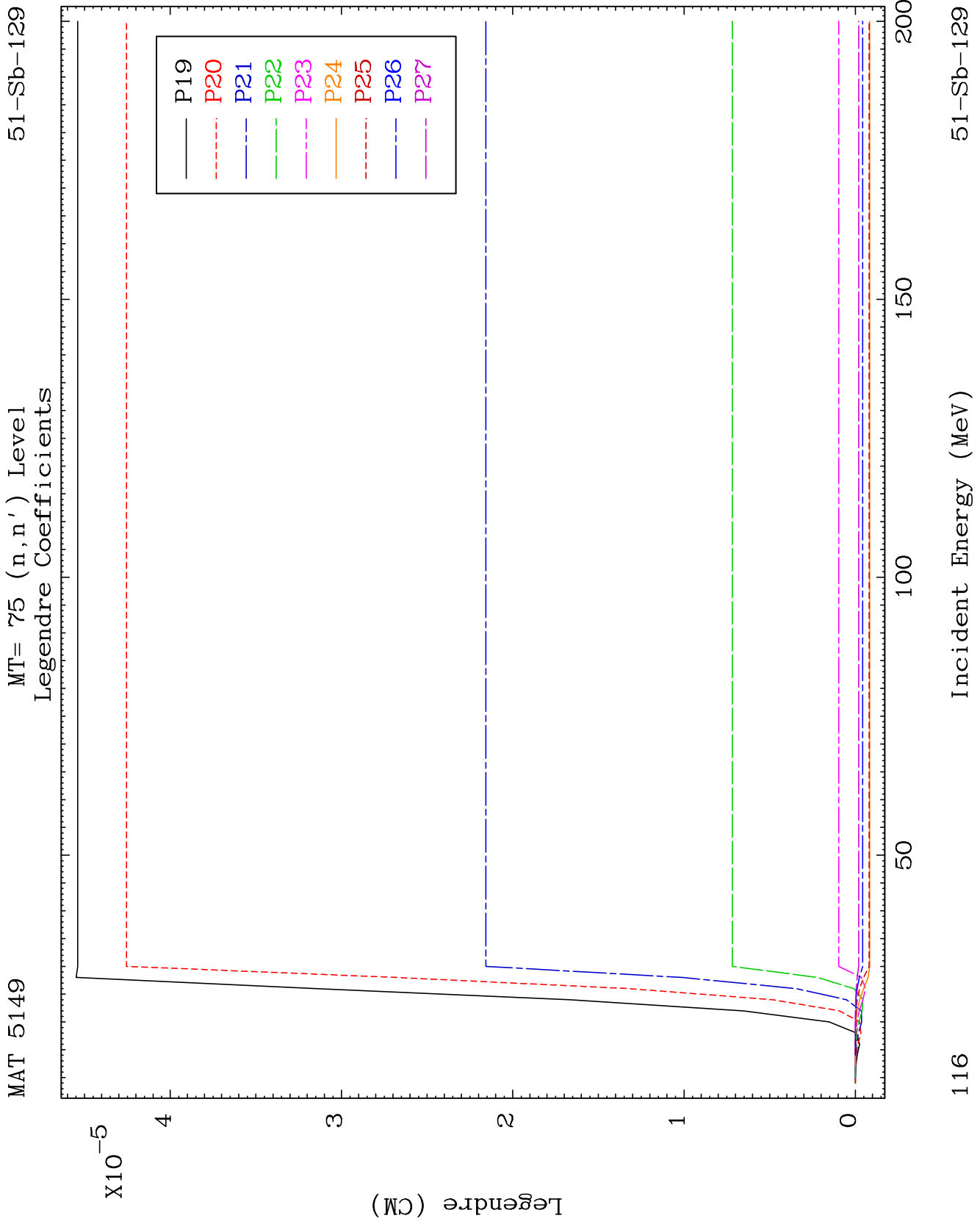
51-Sb-129



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Incident Energy (MeV)

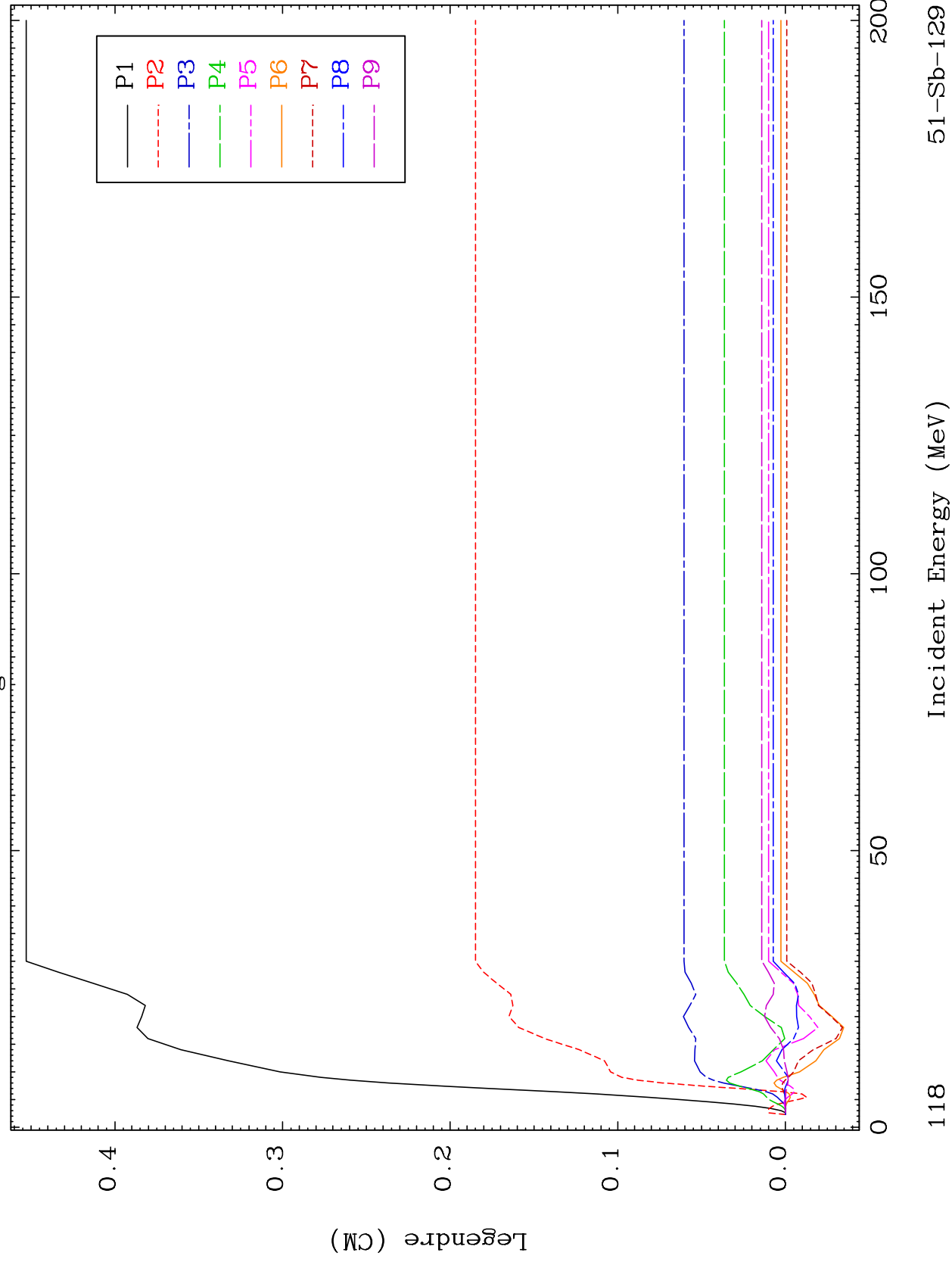
51-Sb-129



MAT 5149

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

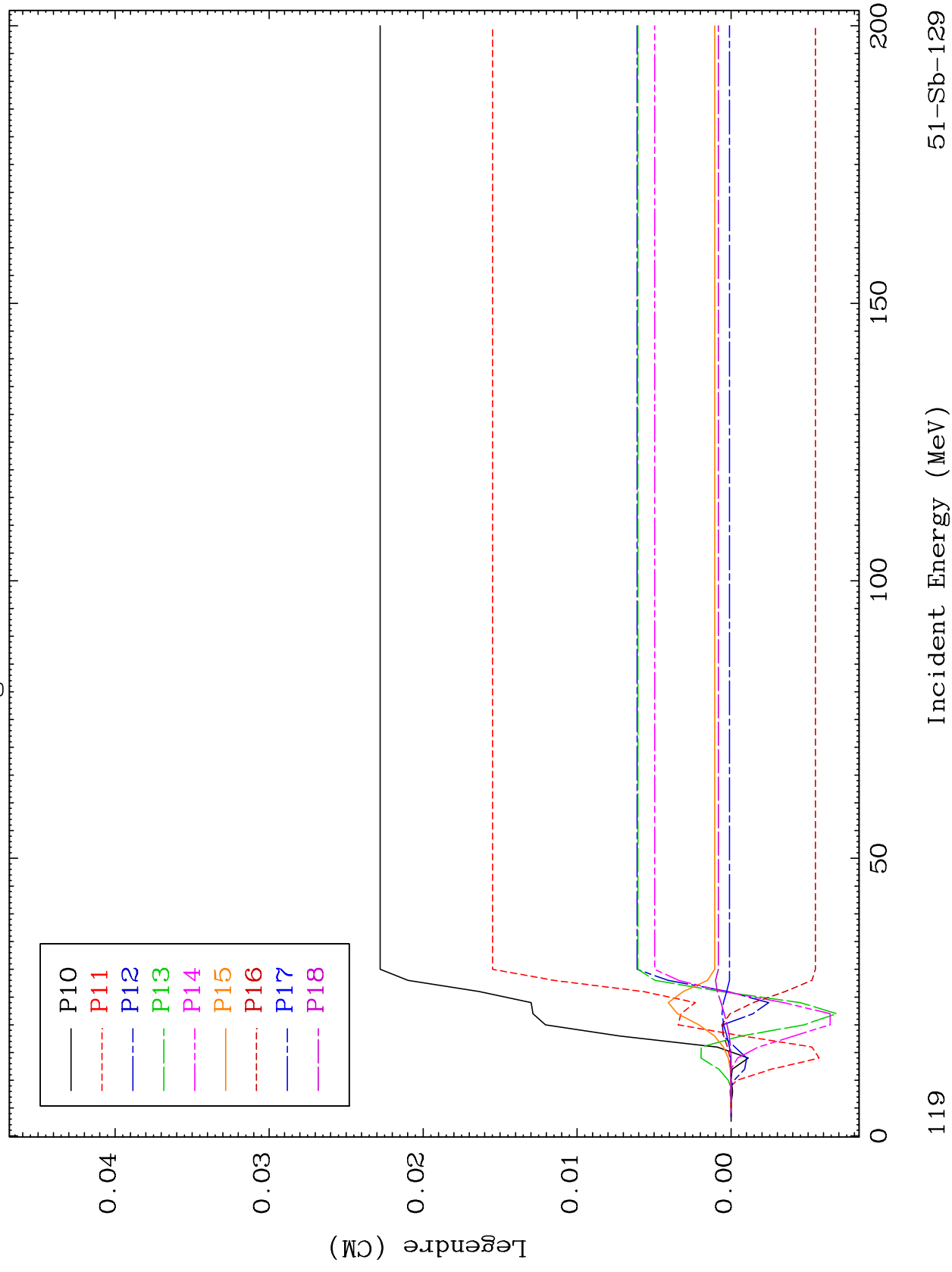
51-Sb-129



MAT 5149

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

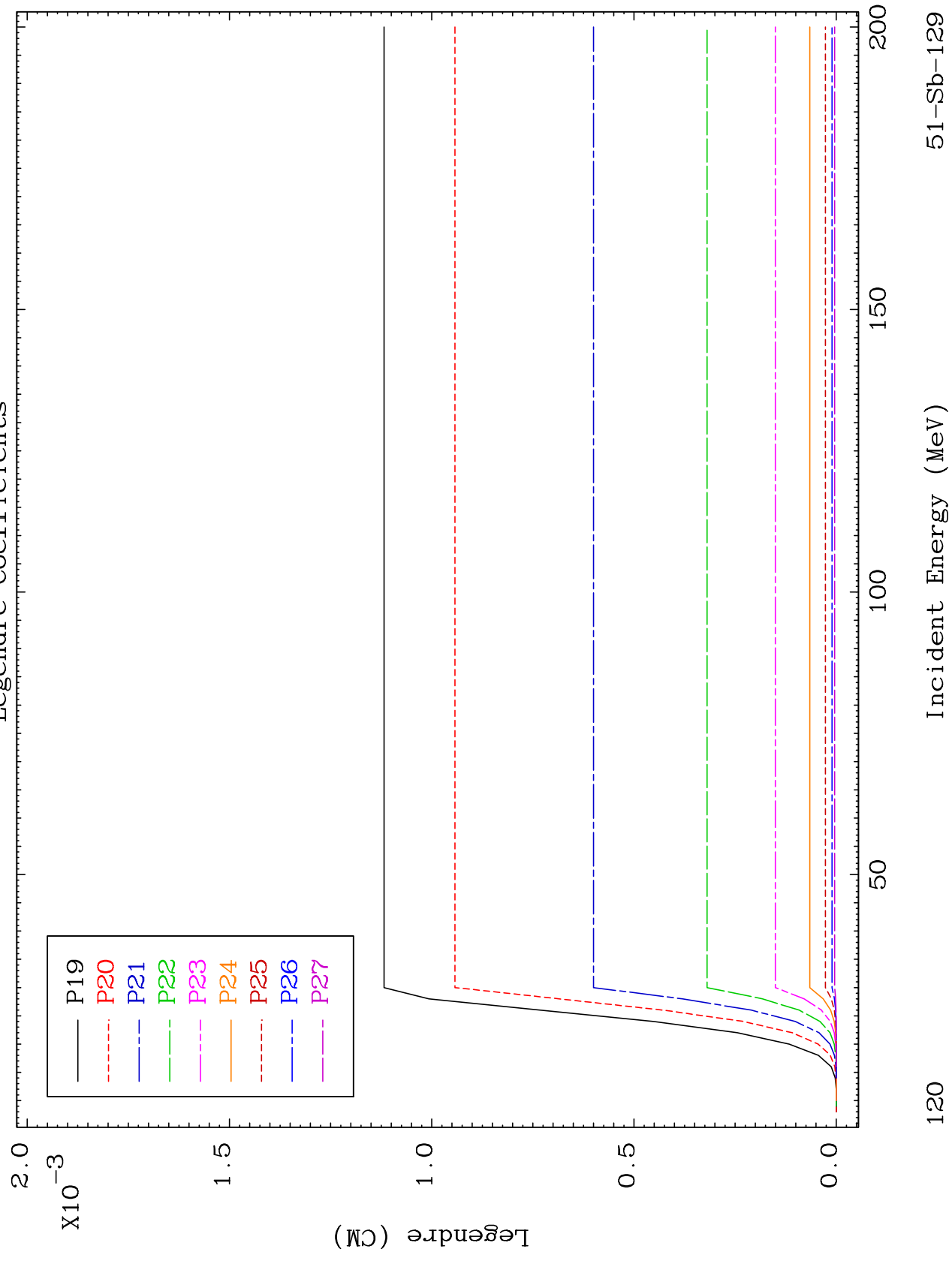
51-Sb-129



MAT 5149

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

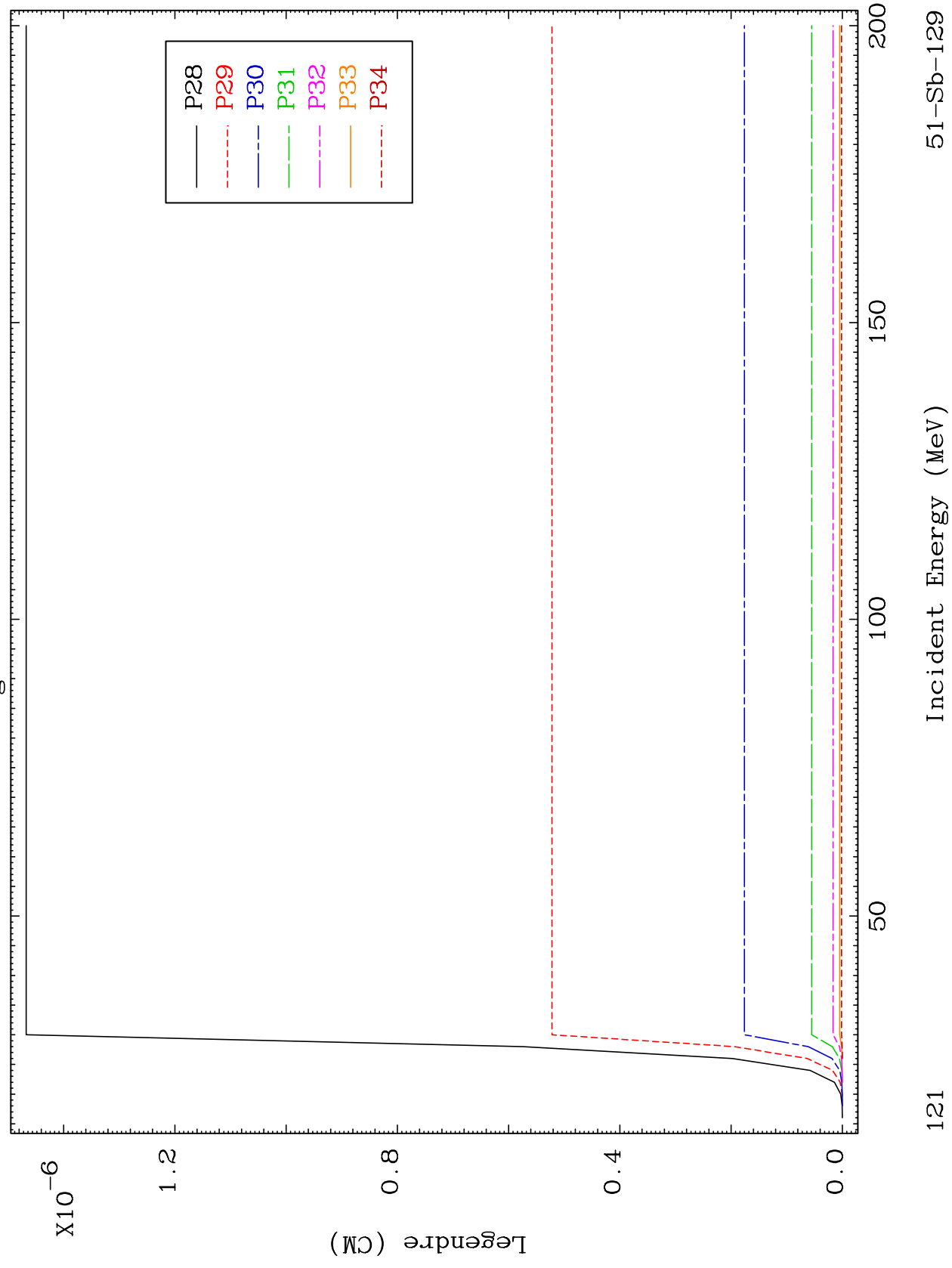
51-Sb-129

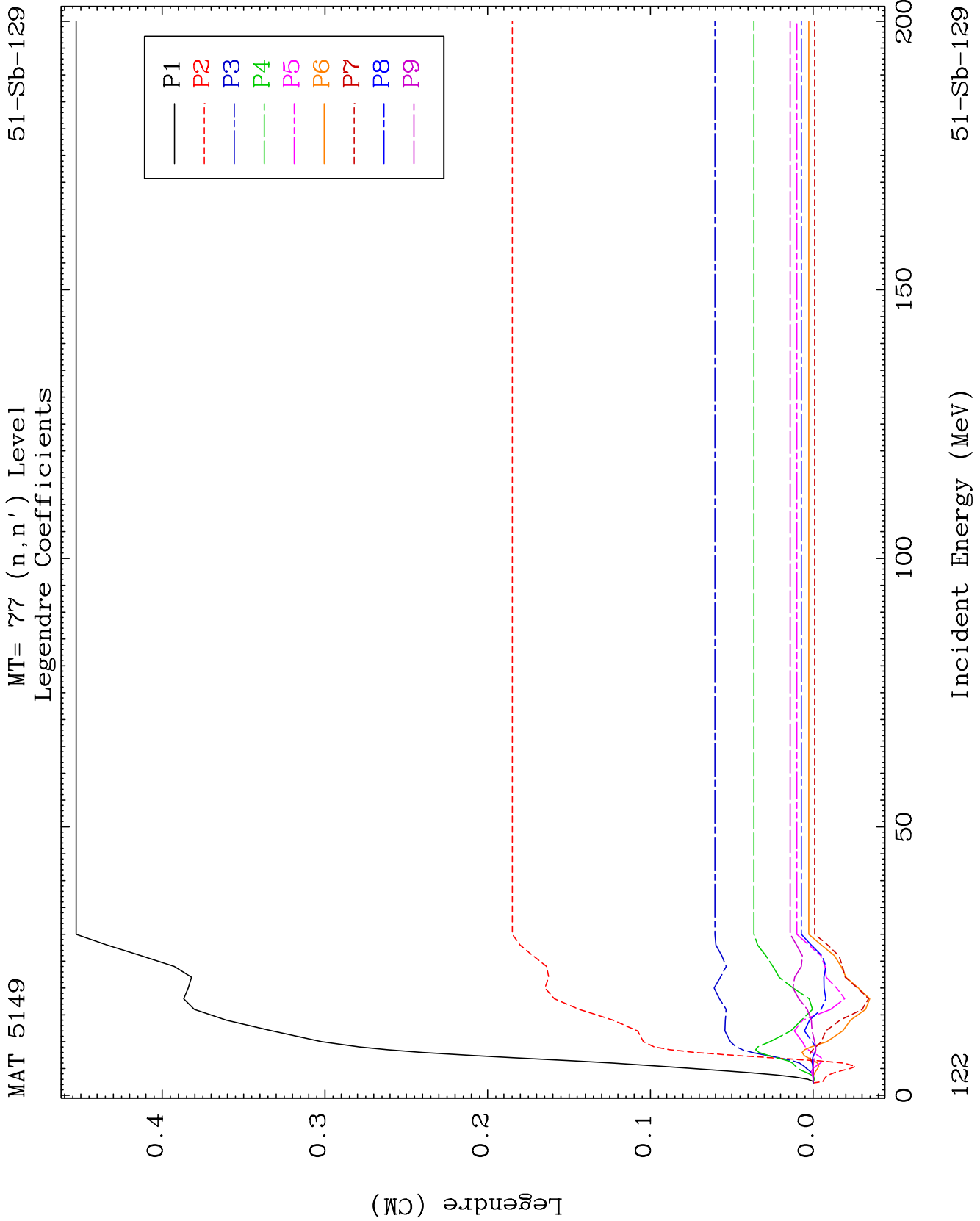


MAT 5149

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

51-Sb-129

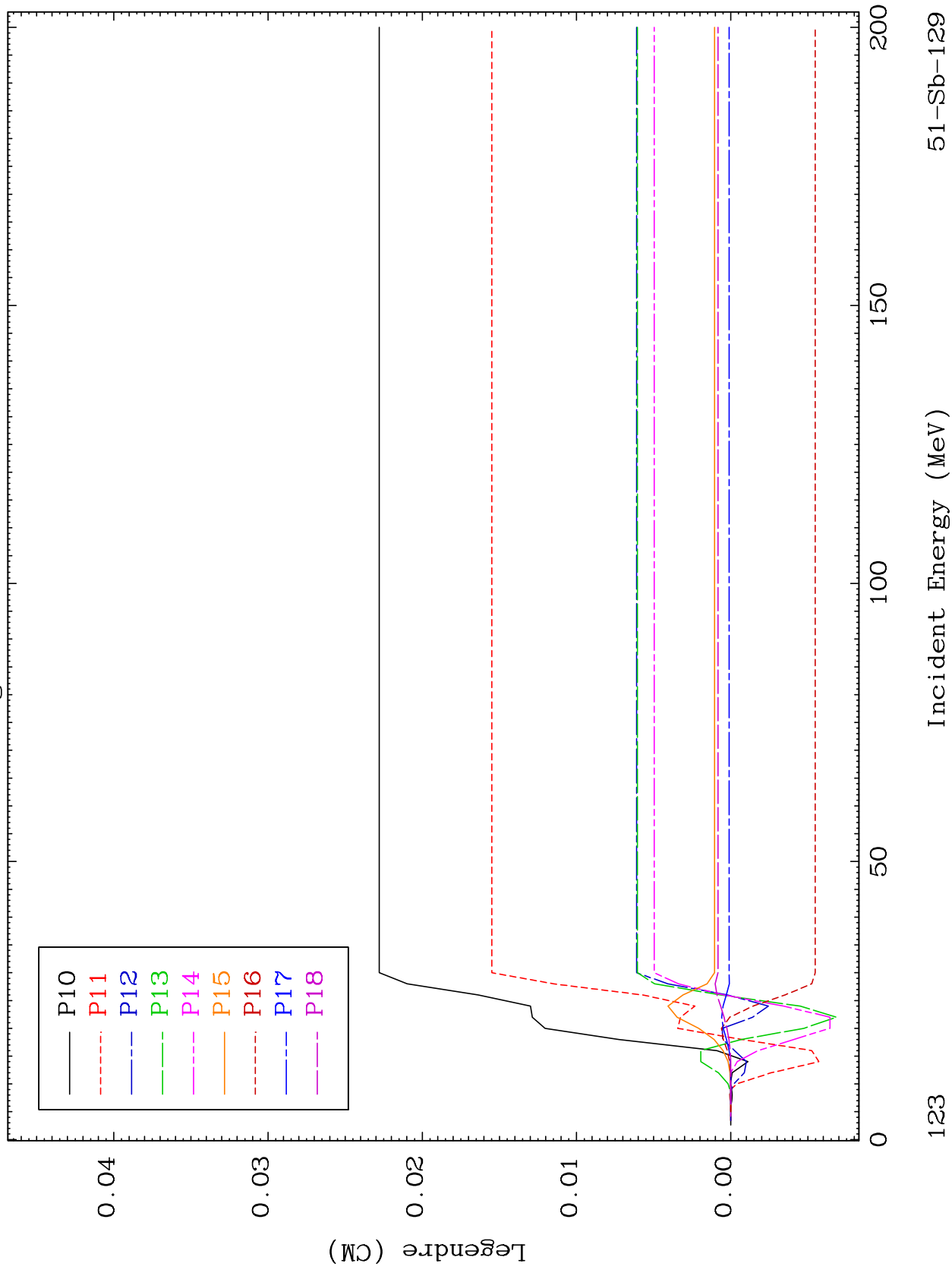


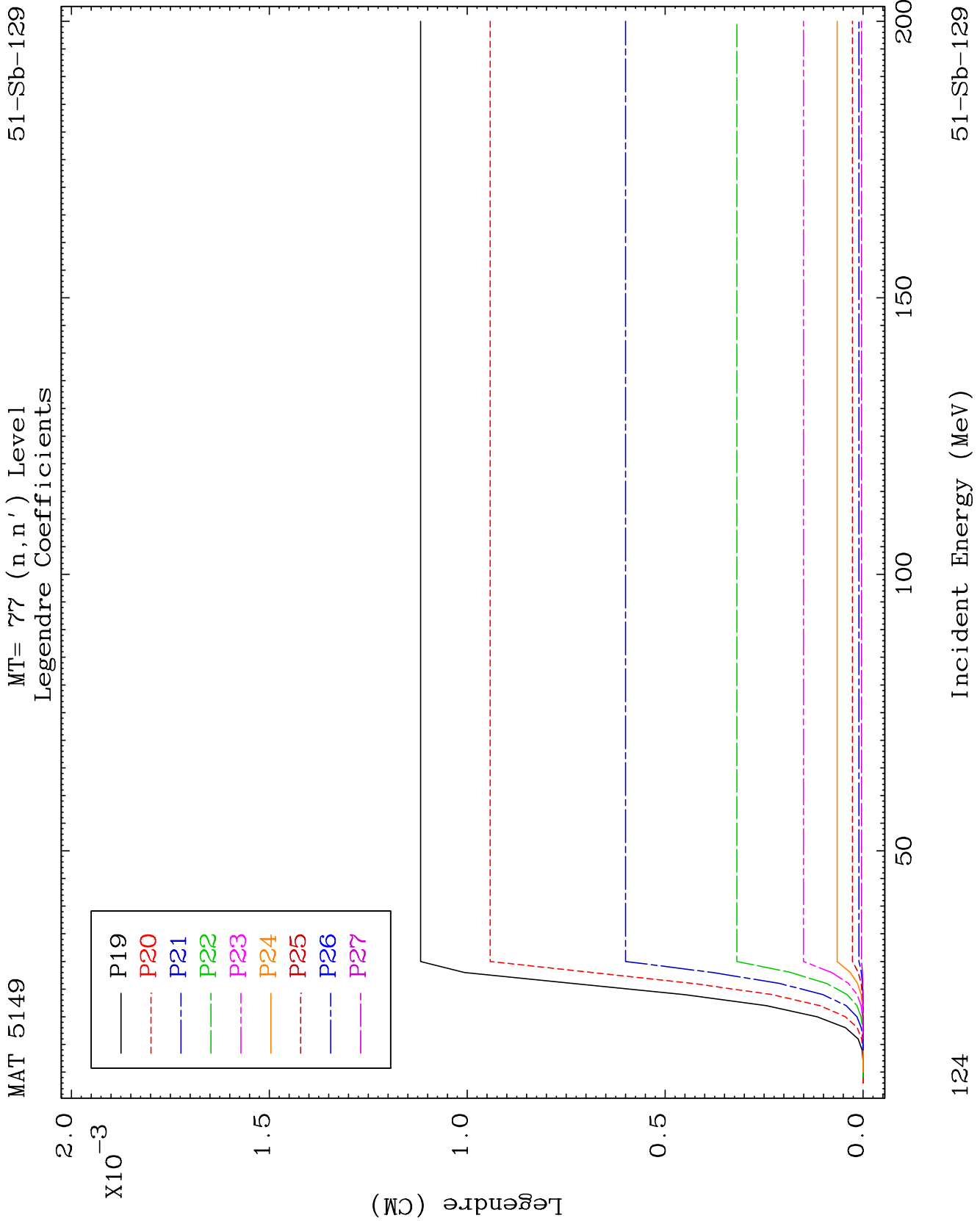


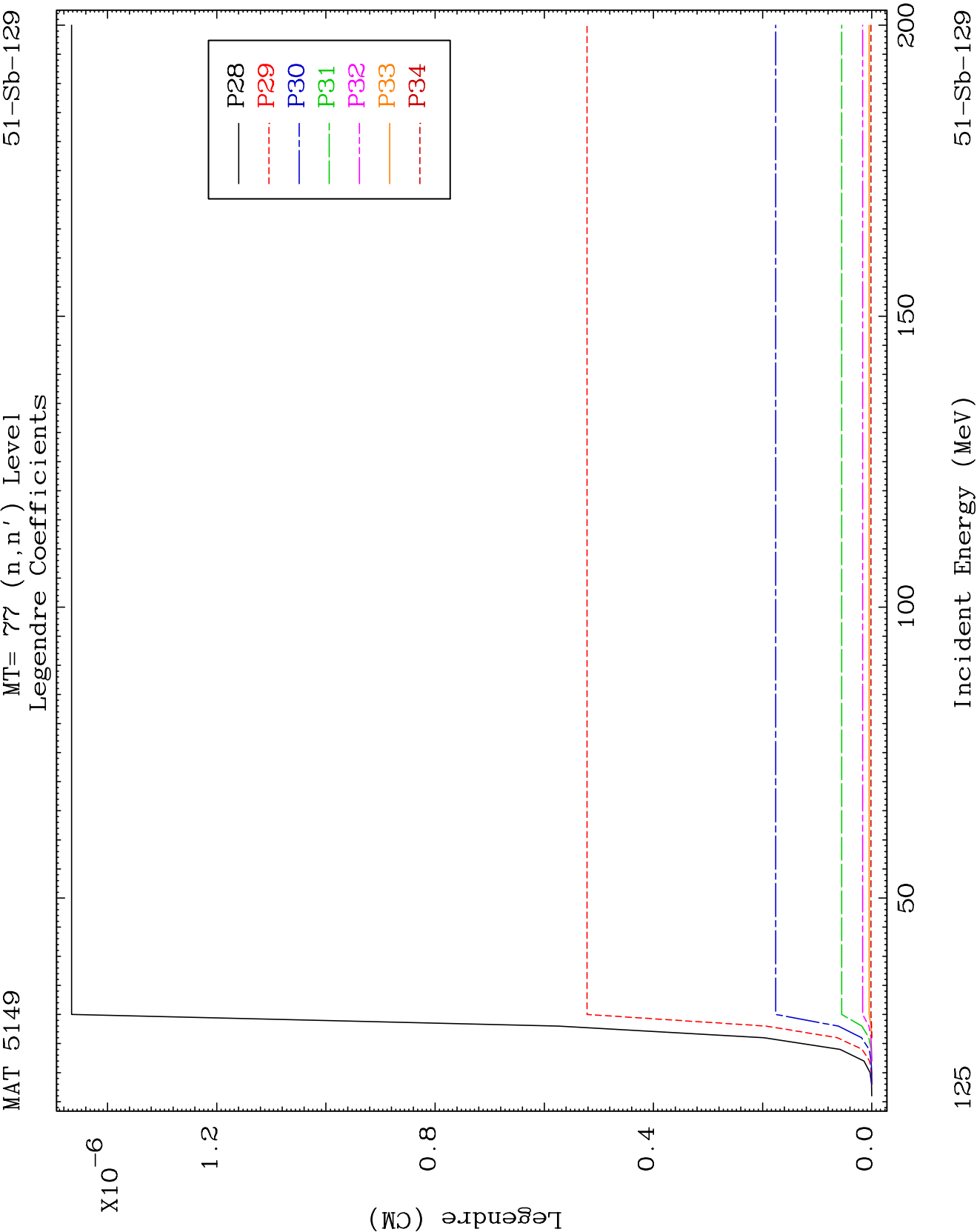
MAT 5149

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

51-Sb-129



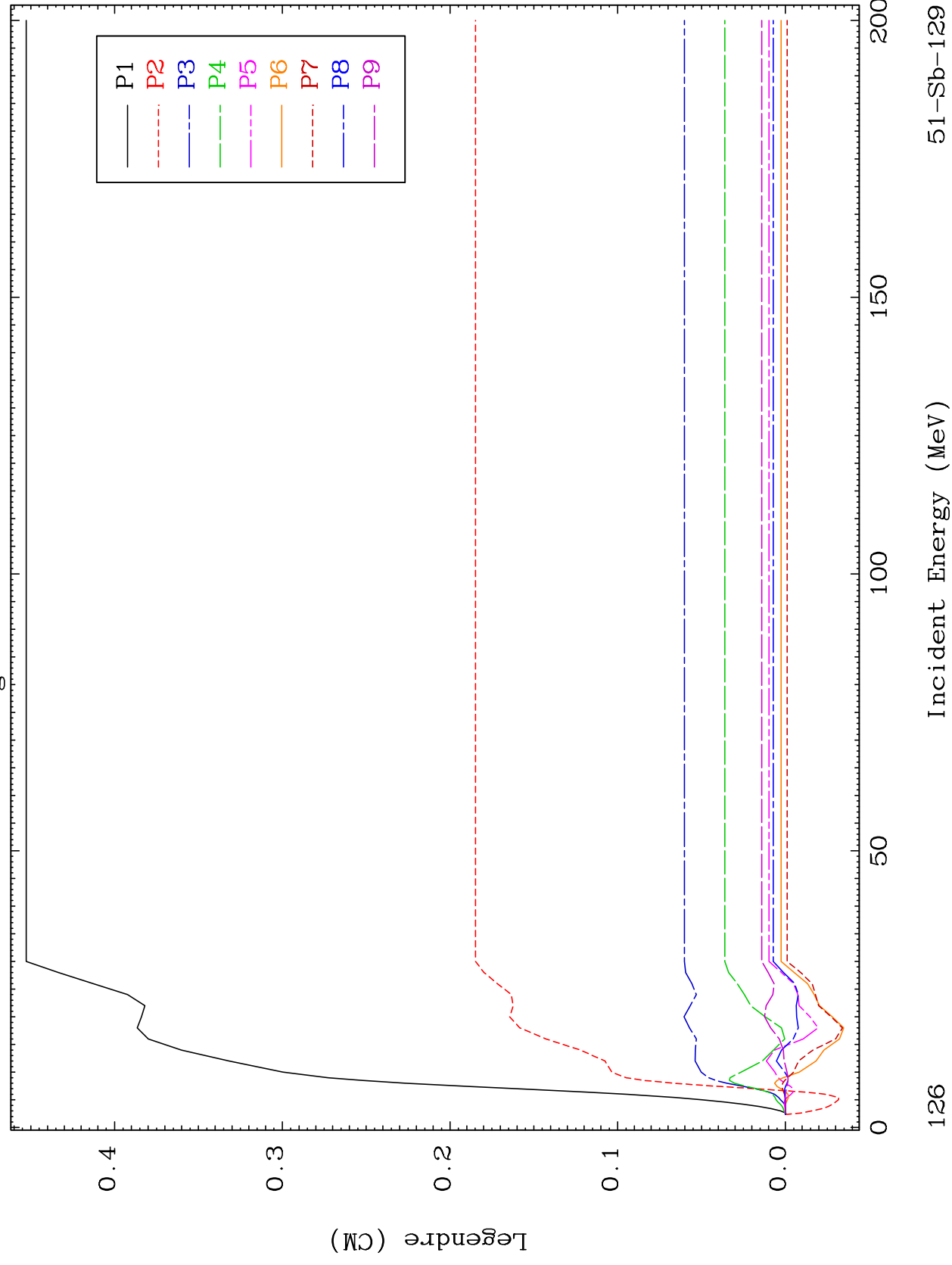




MAT 5149

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

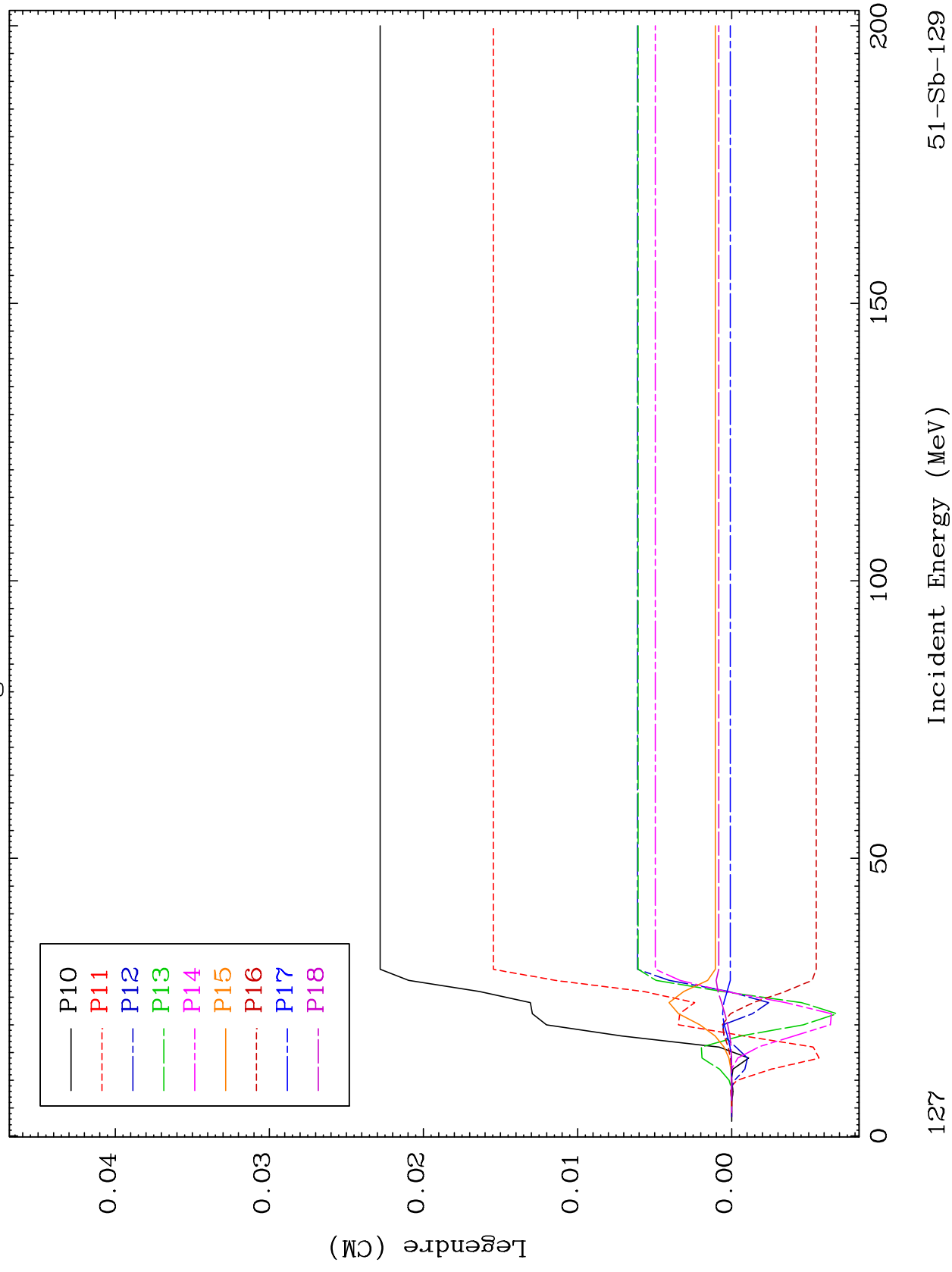
51-Sb-129

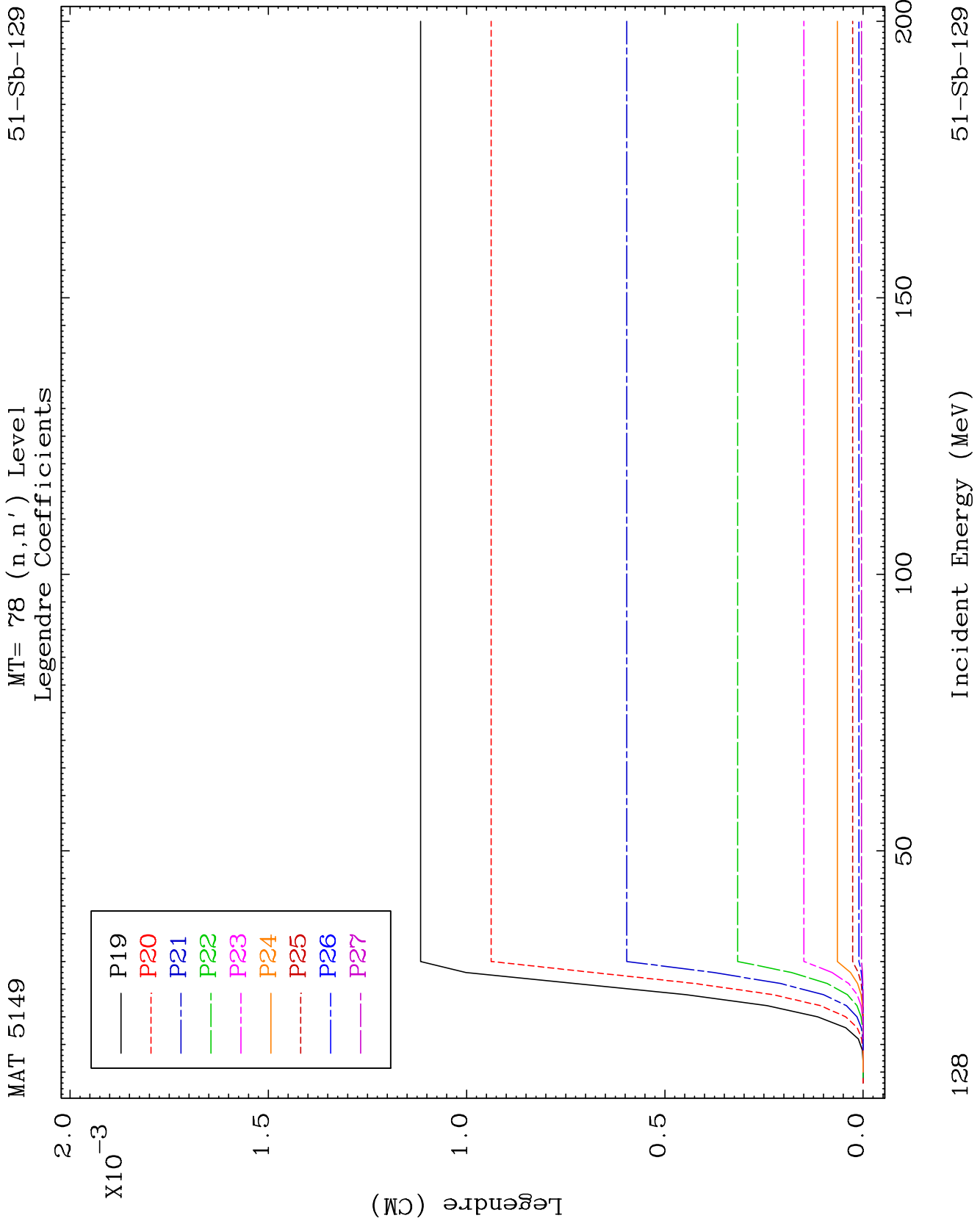


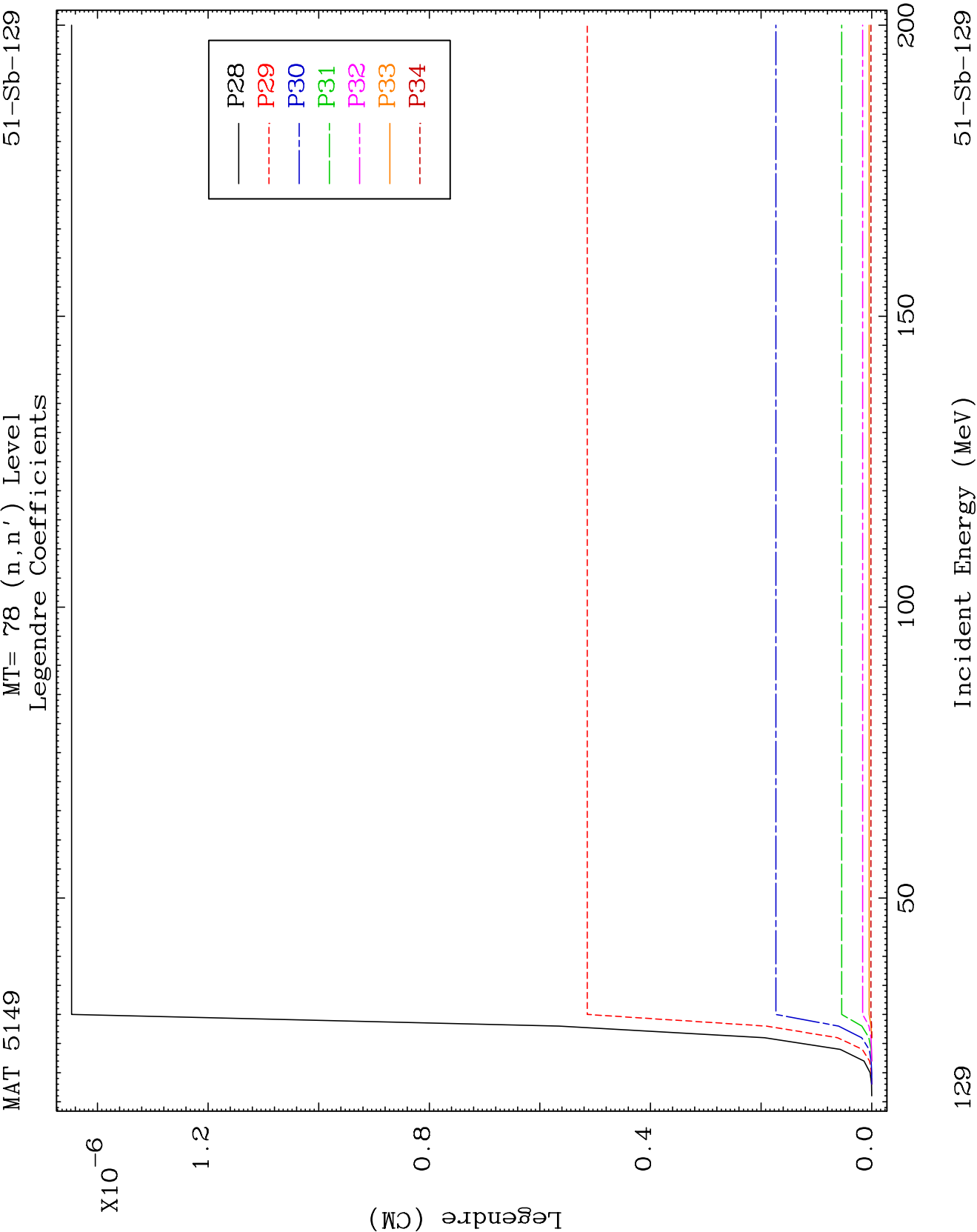
MAT 5149

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

51-Sb-129



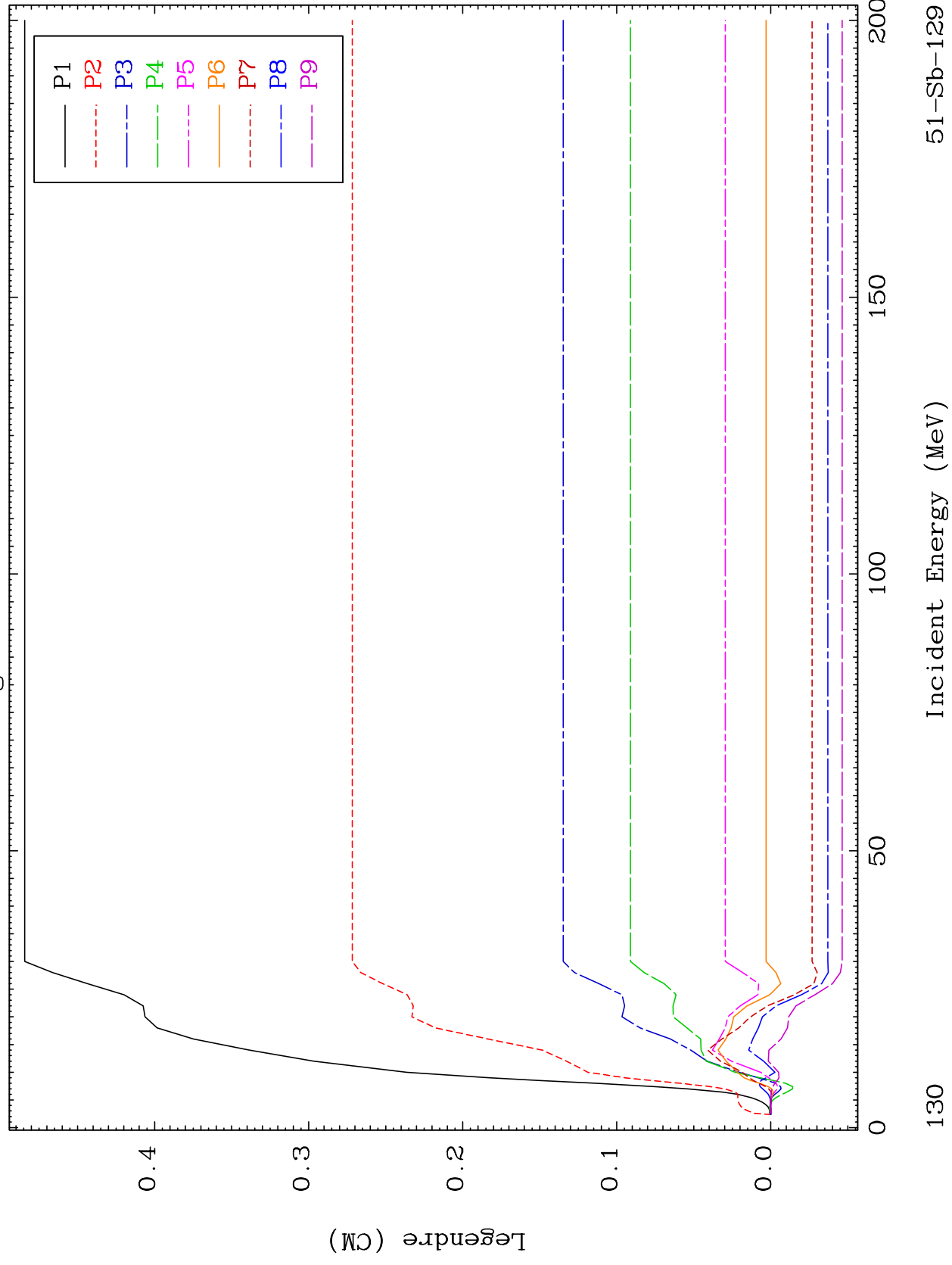


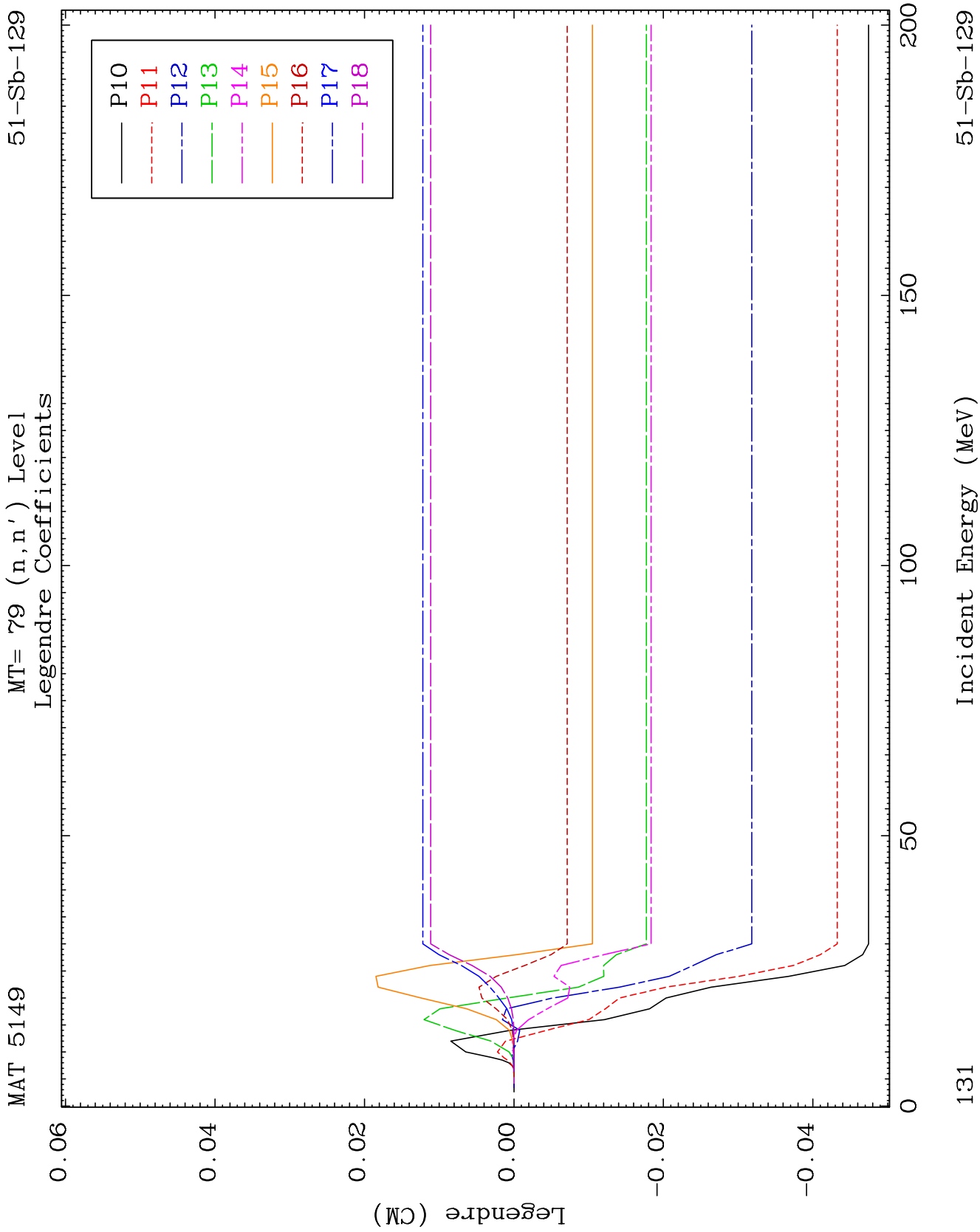


MAT 5149

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

51-Sb-129

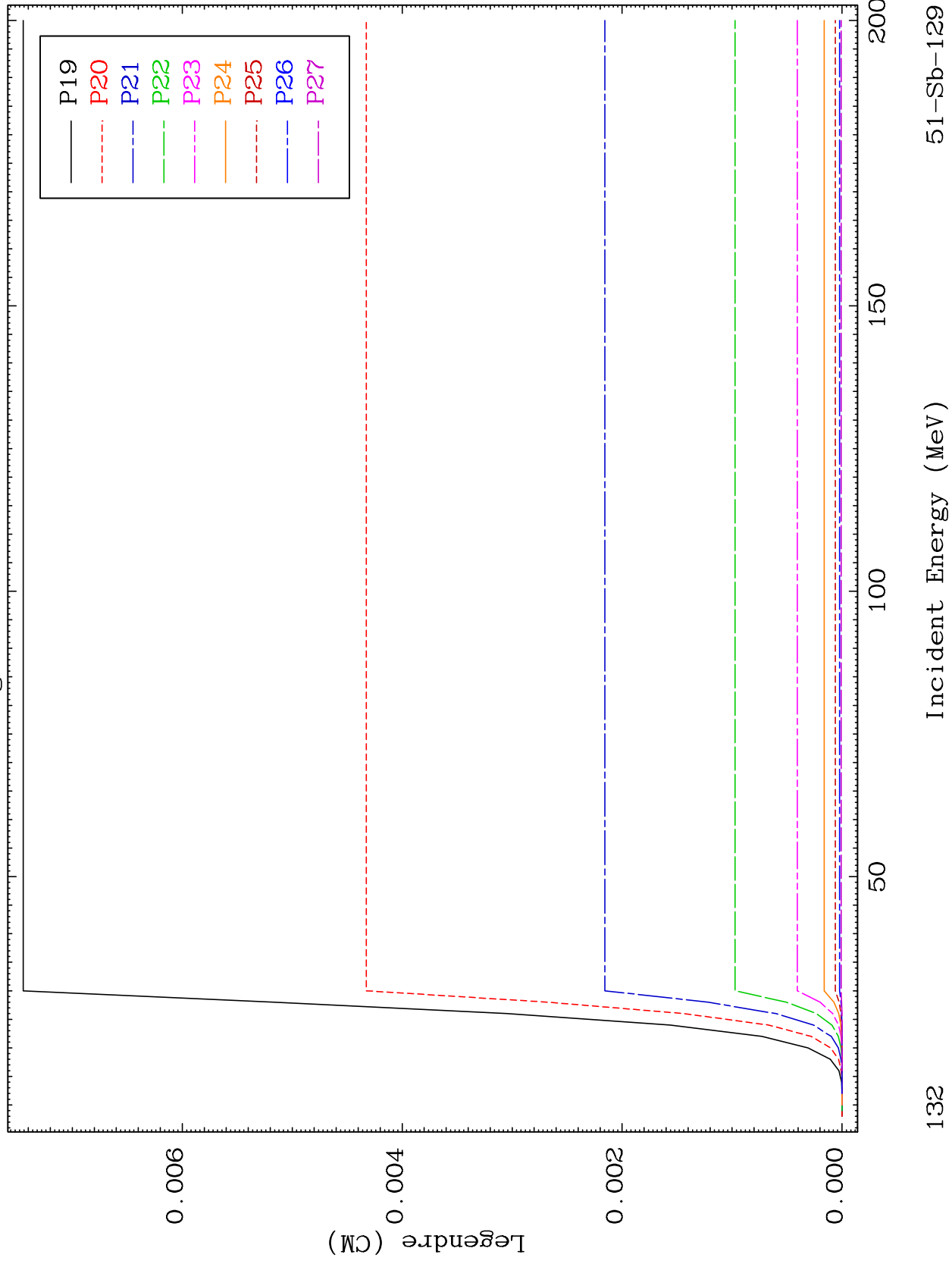




MAT 5149

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

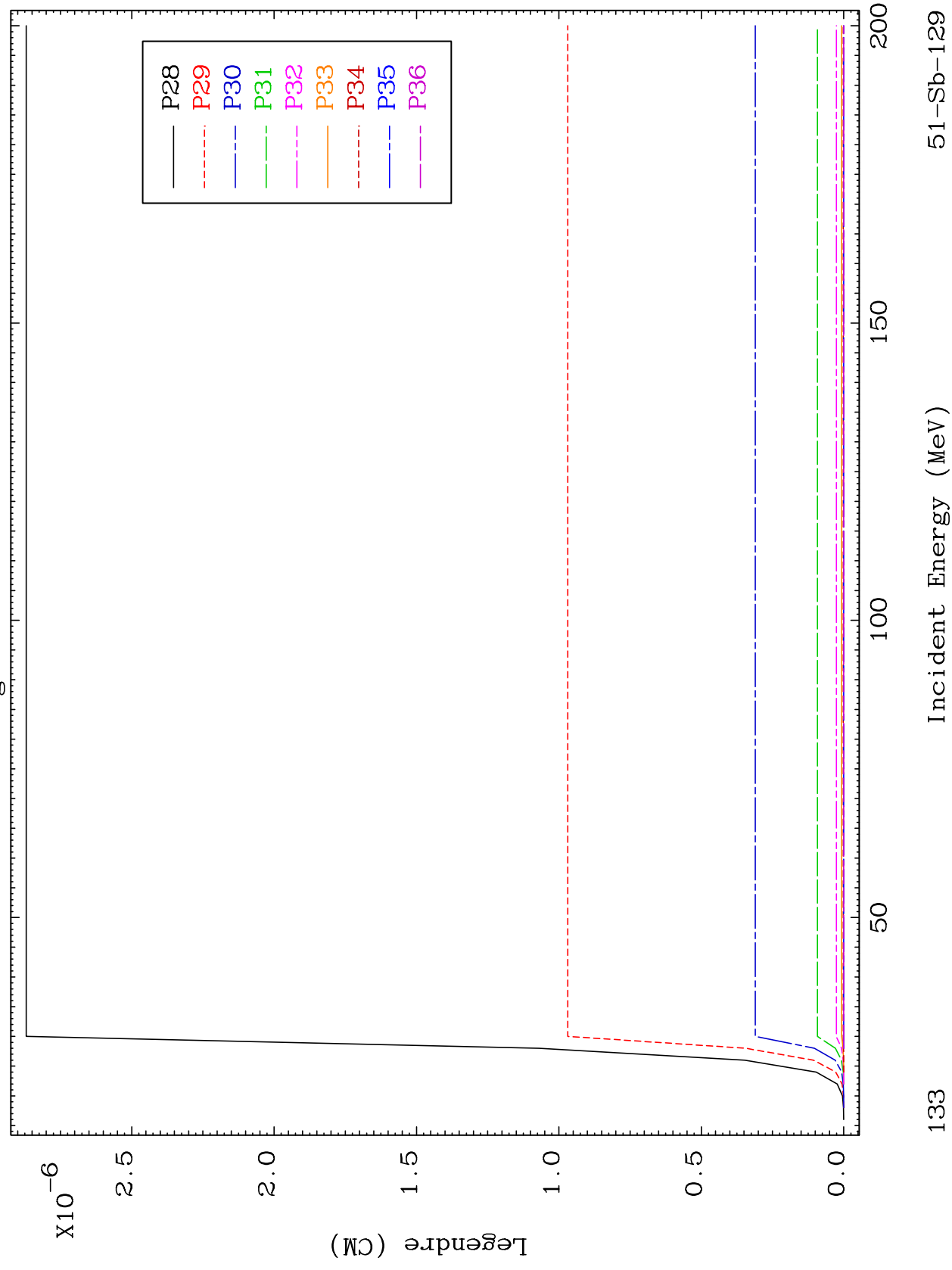
51-Sb-129

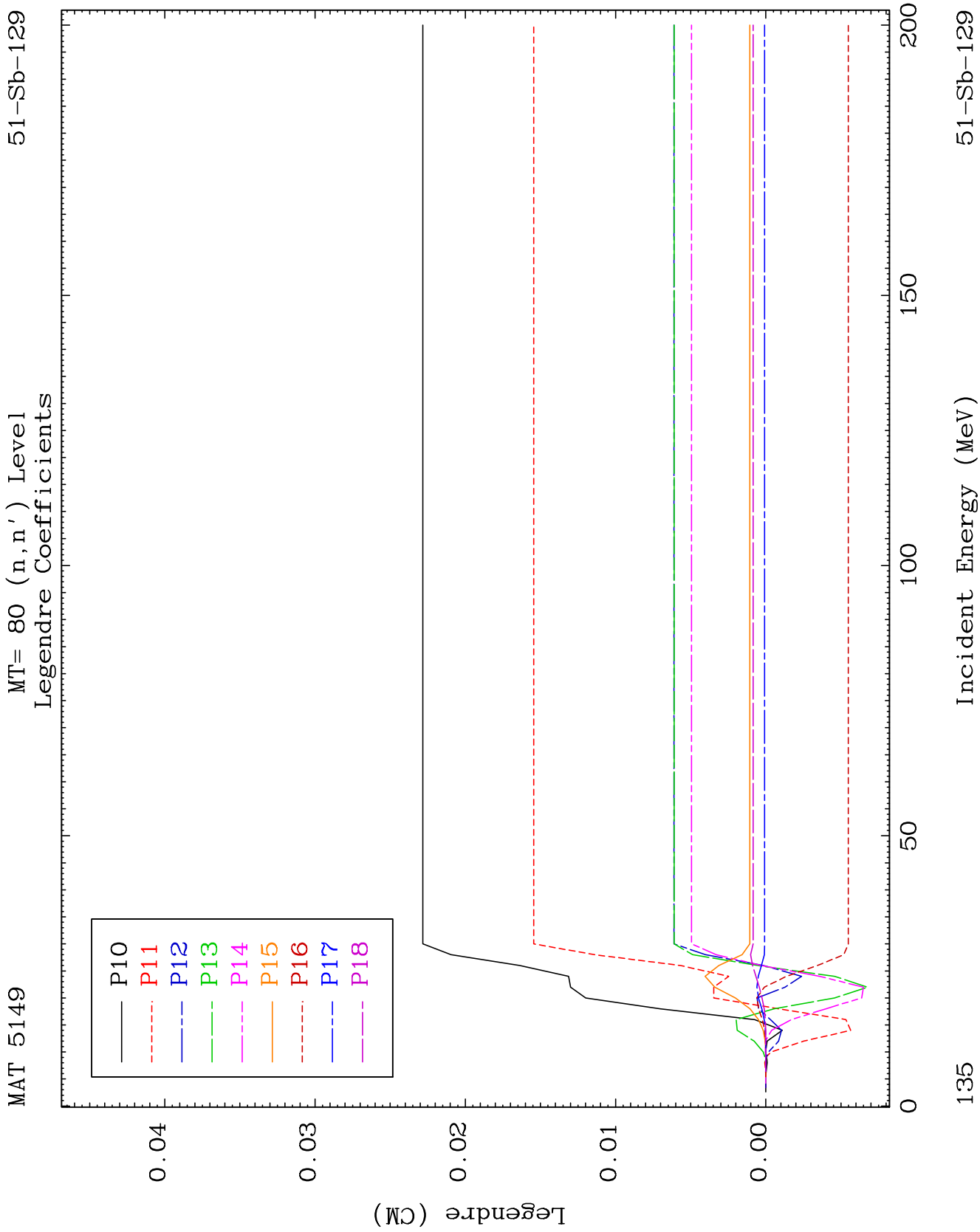


MAT 5149

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

51-Sb-129

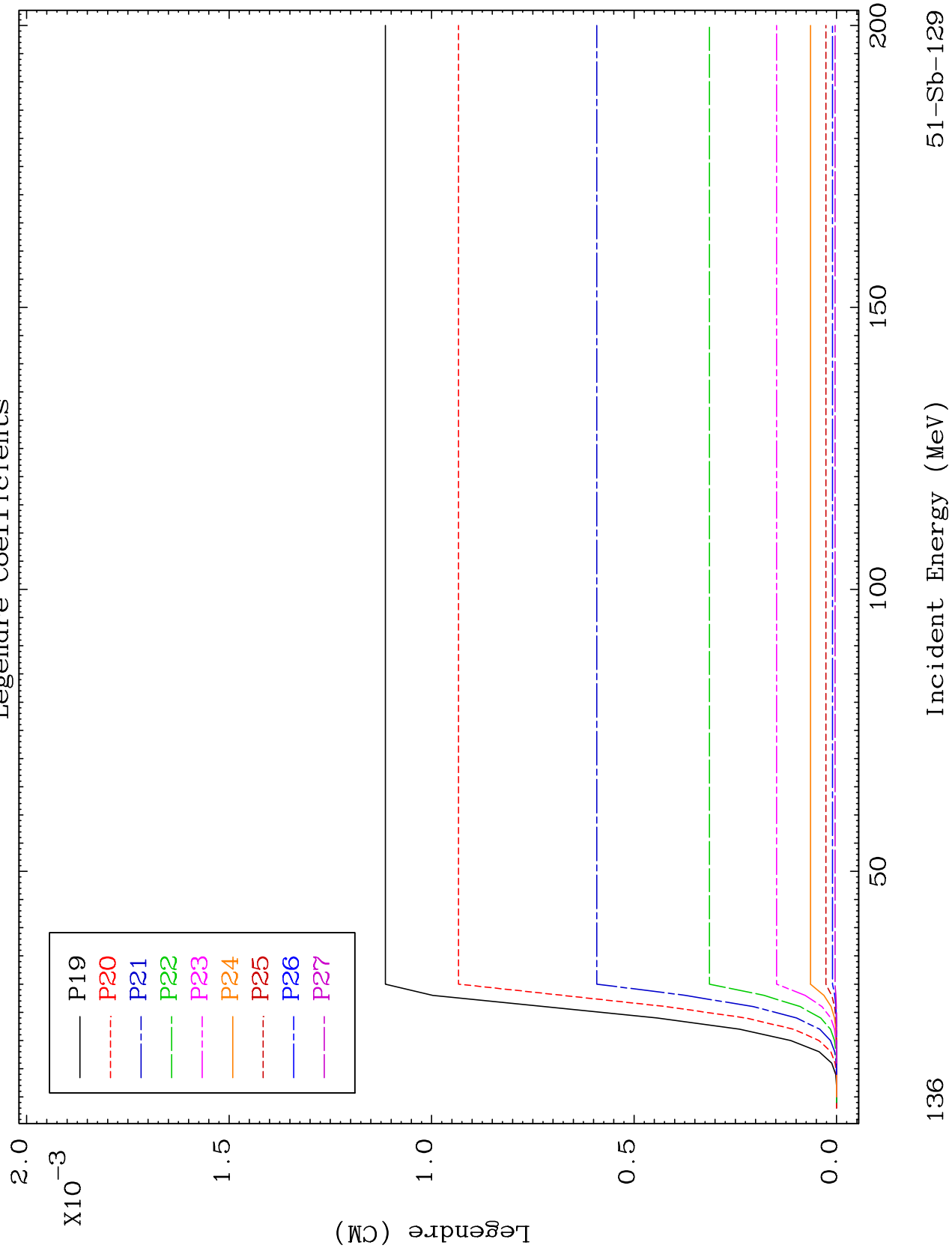




MAT 5149

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

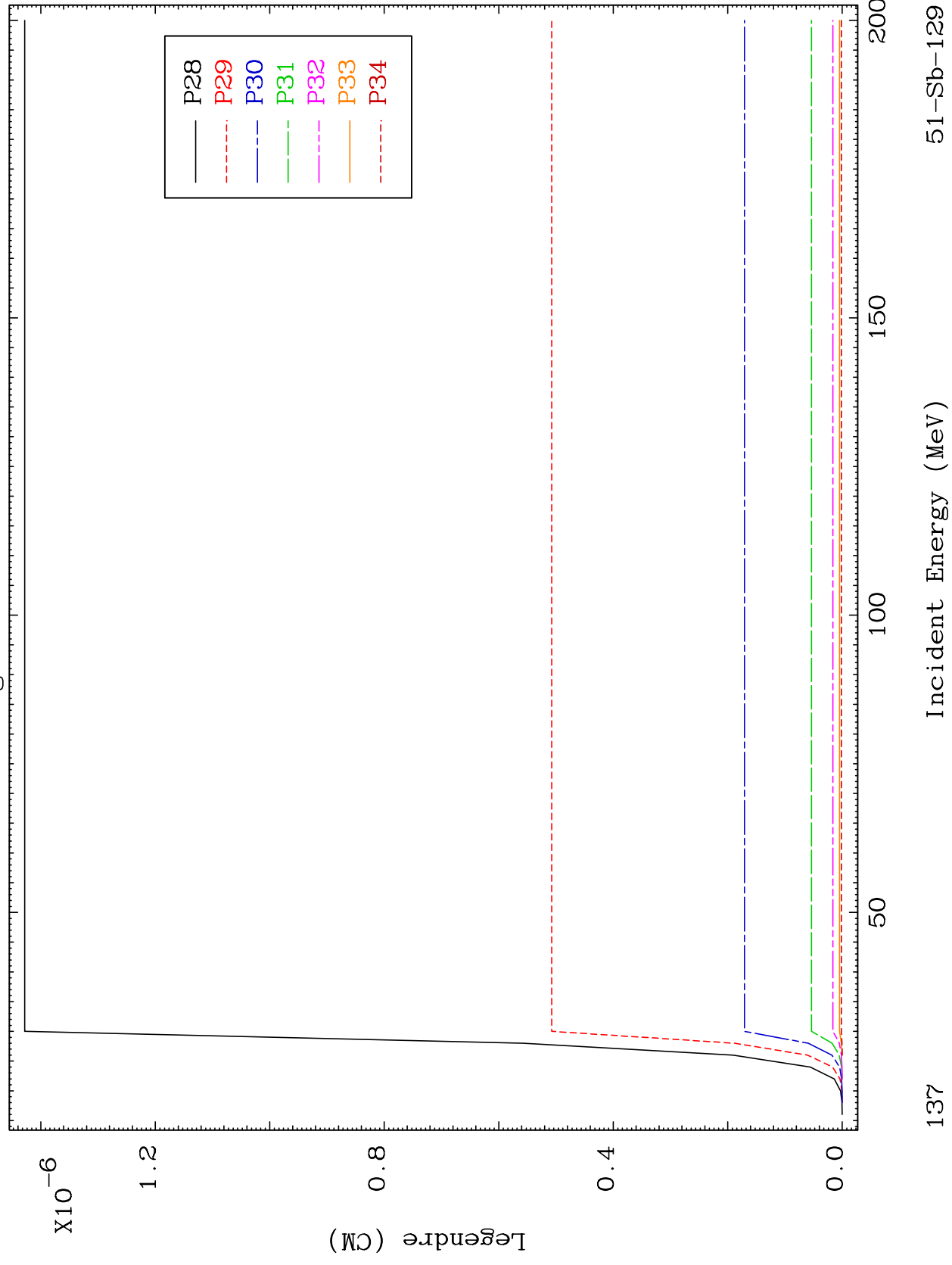
51-Sb-129

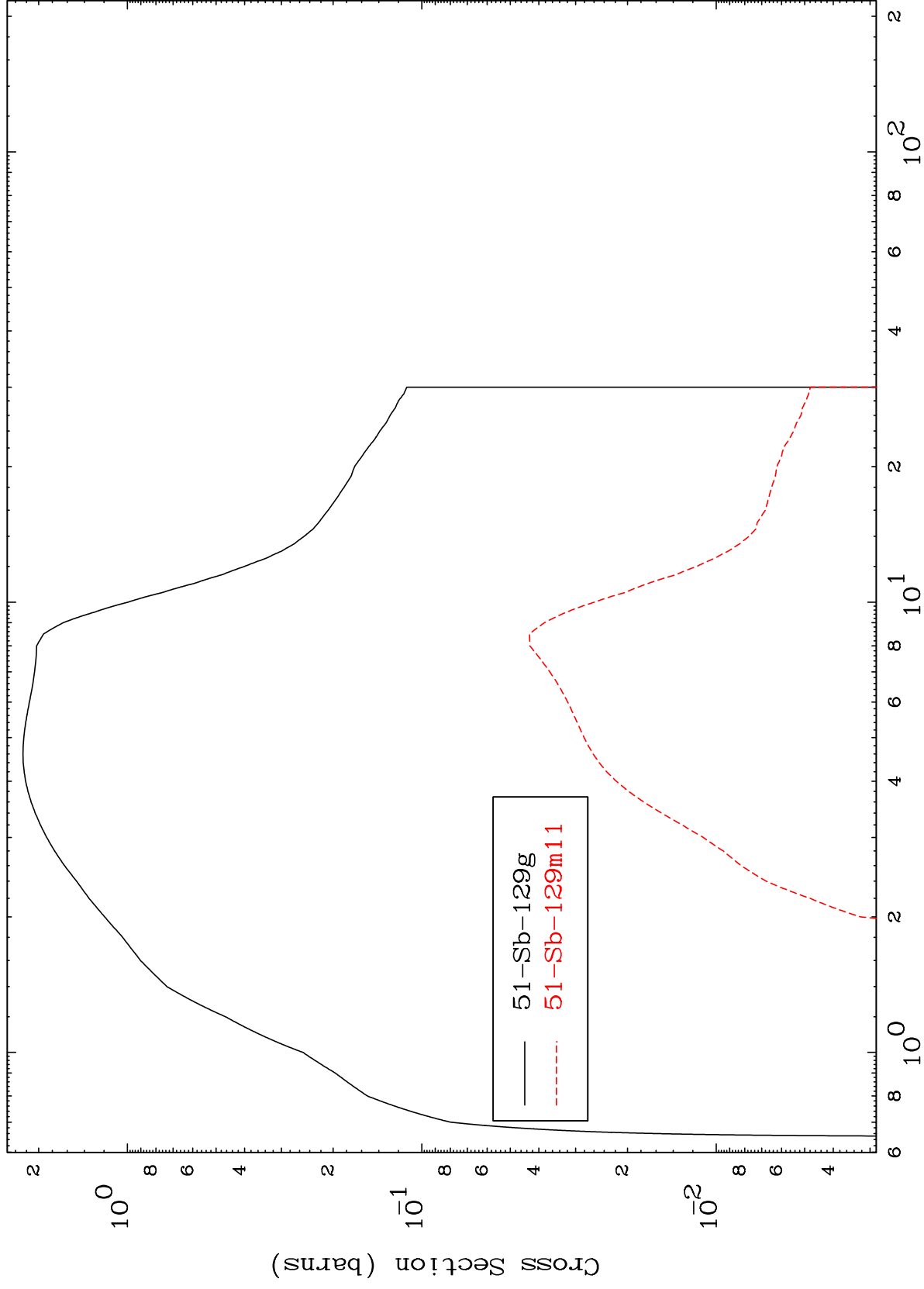


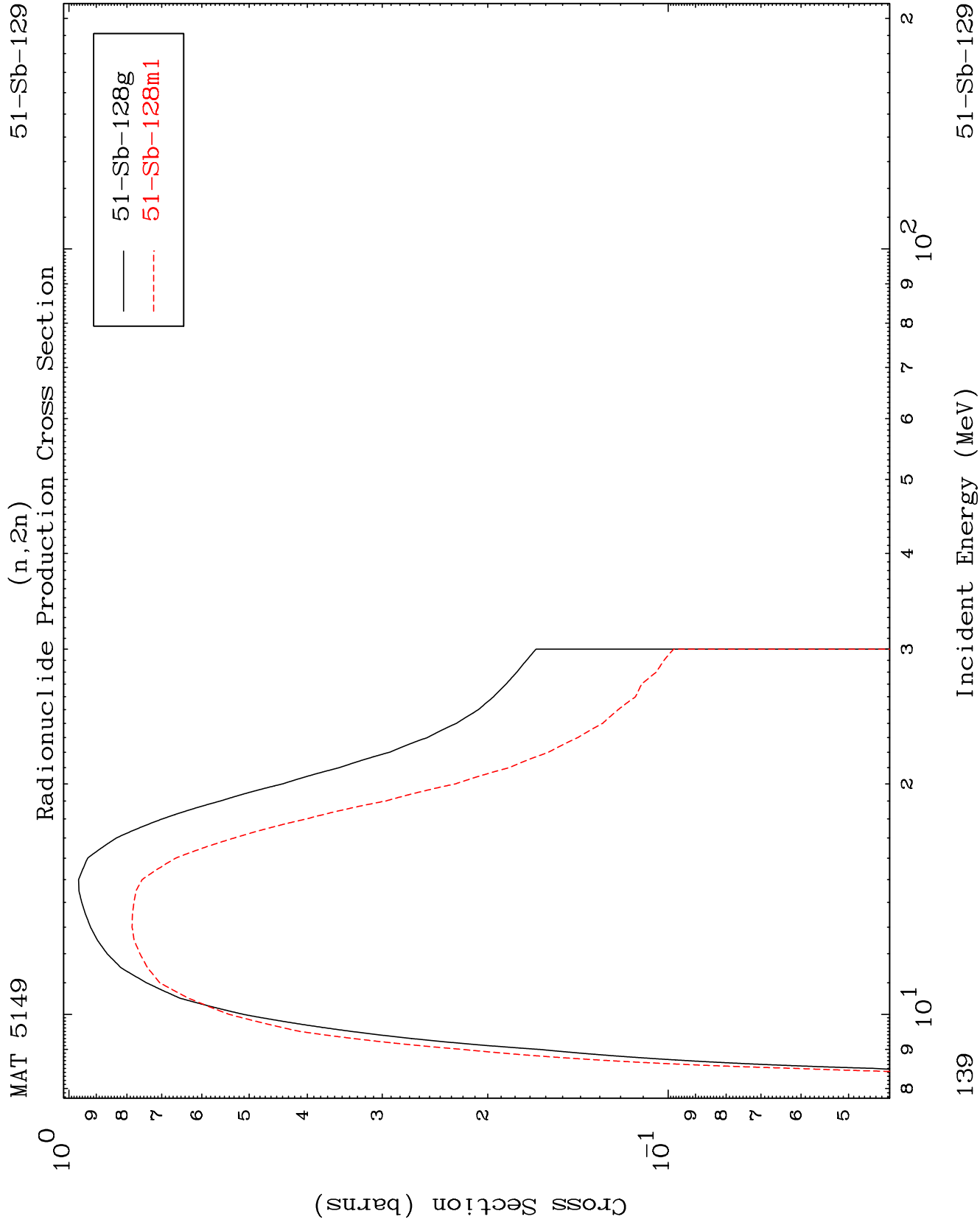
MAT 5149

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

51-Sb-129



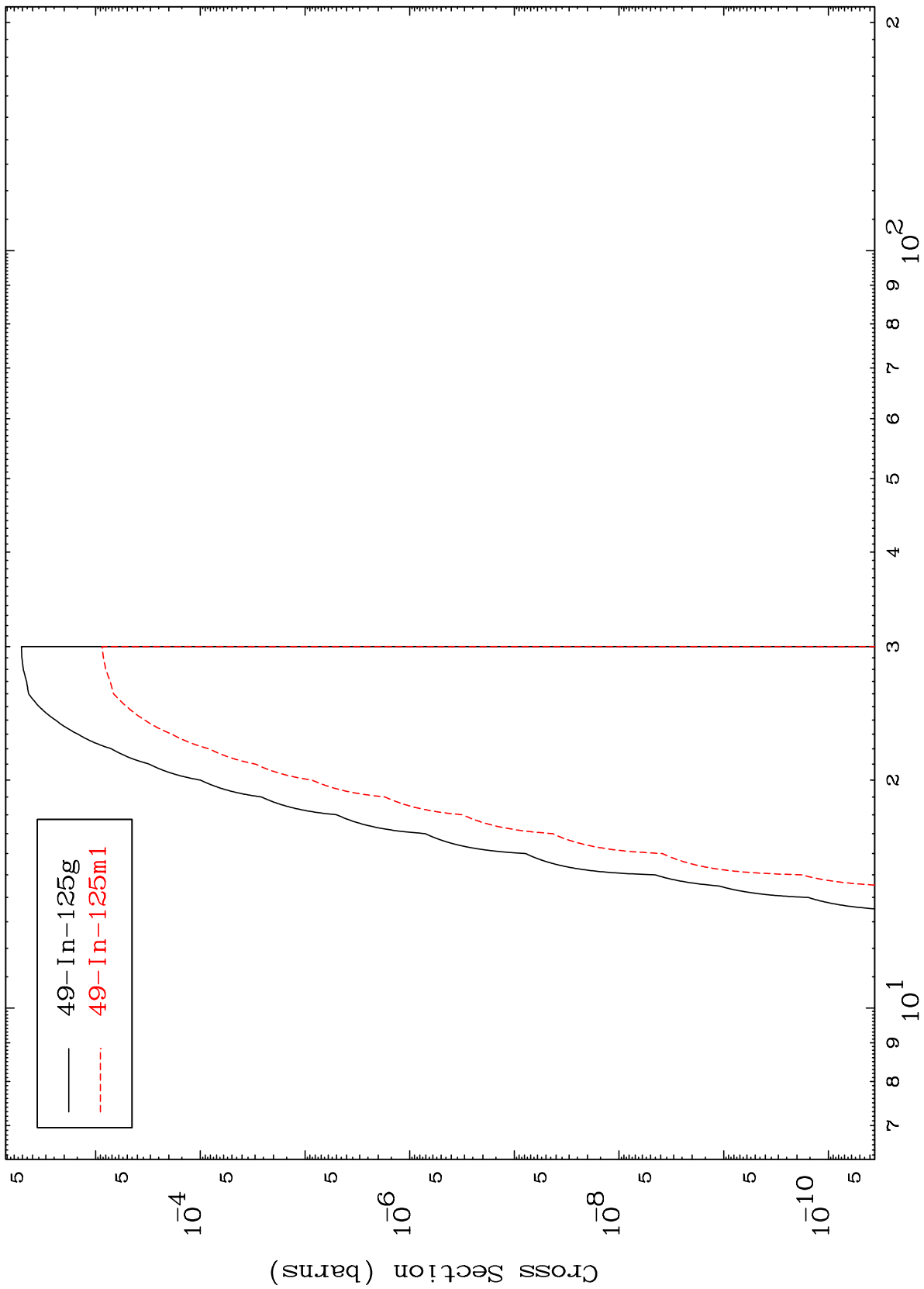
Inelastic
Radionuclide Production Cross Section



MAT 5149

51-Sb-129

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



140

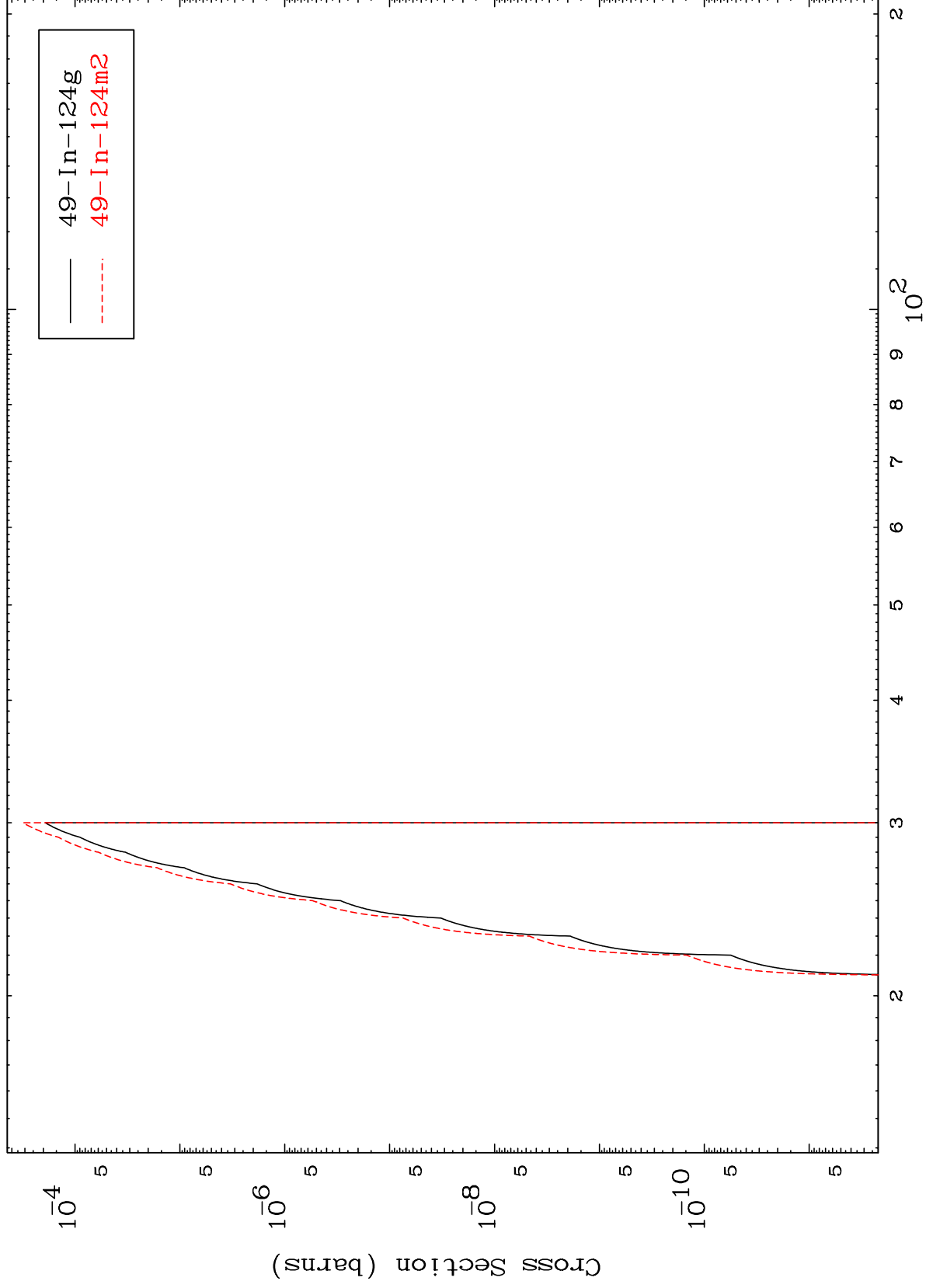
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

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



141

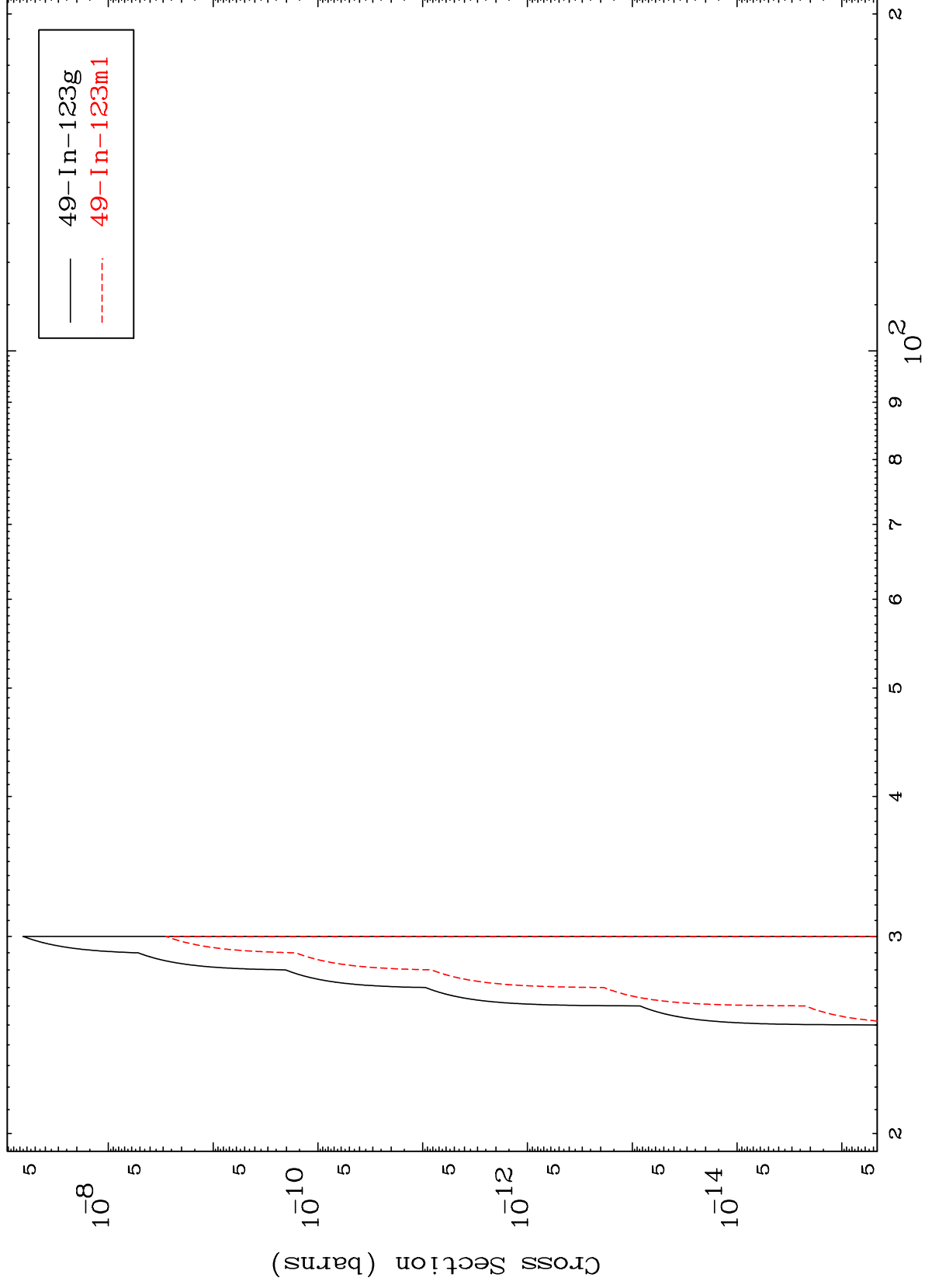
51-Sb-129

Incident Energy (MeV)

MAT 5149

51-Sb-129

$(n,3n) \alpha$
Radionuclide Production Cross Section



142

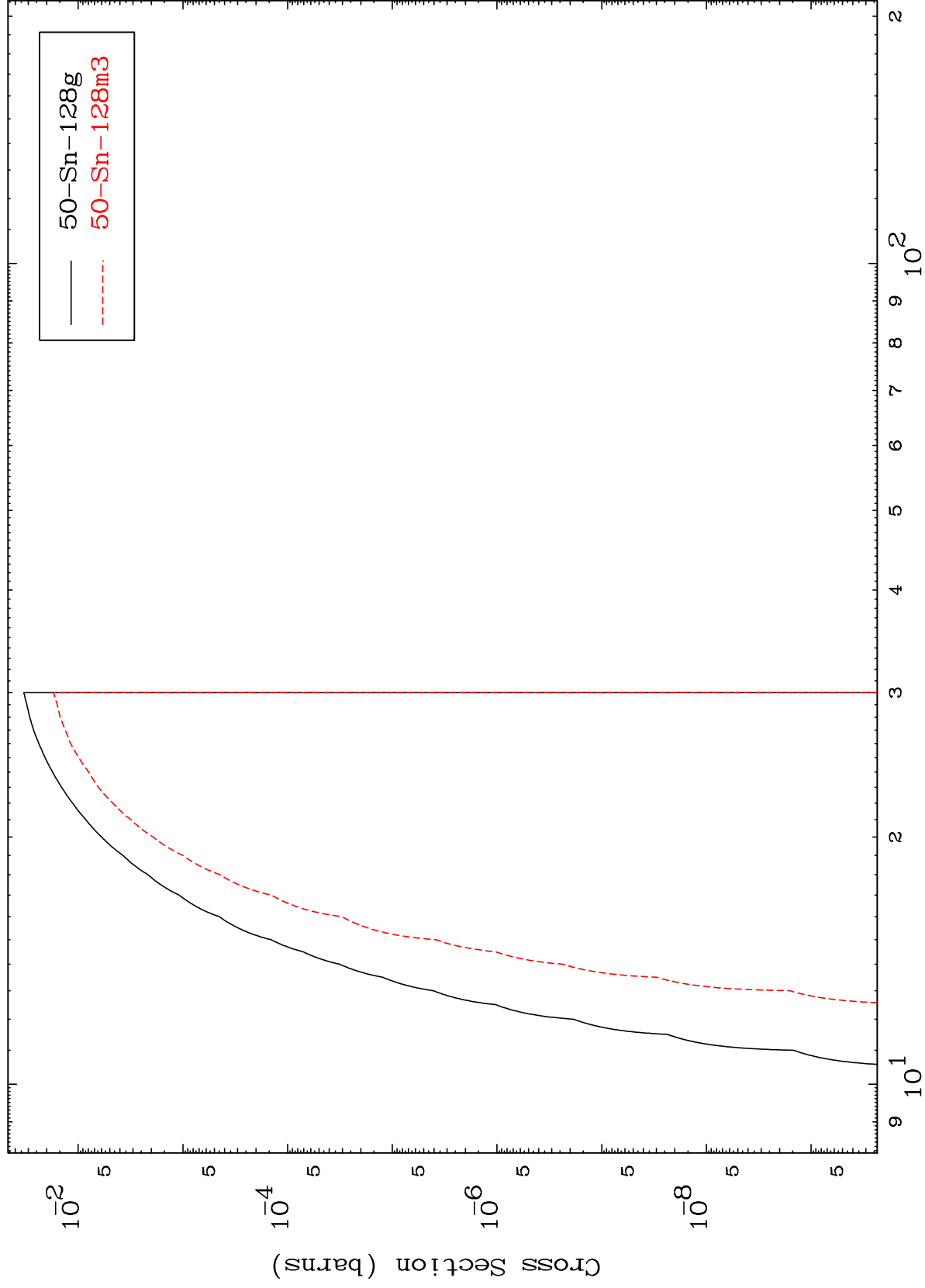
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

(n,n') p
Radionuclide Production Cross Section

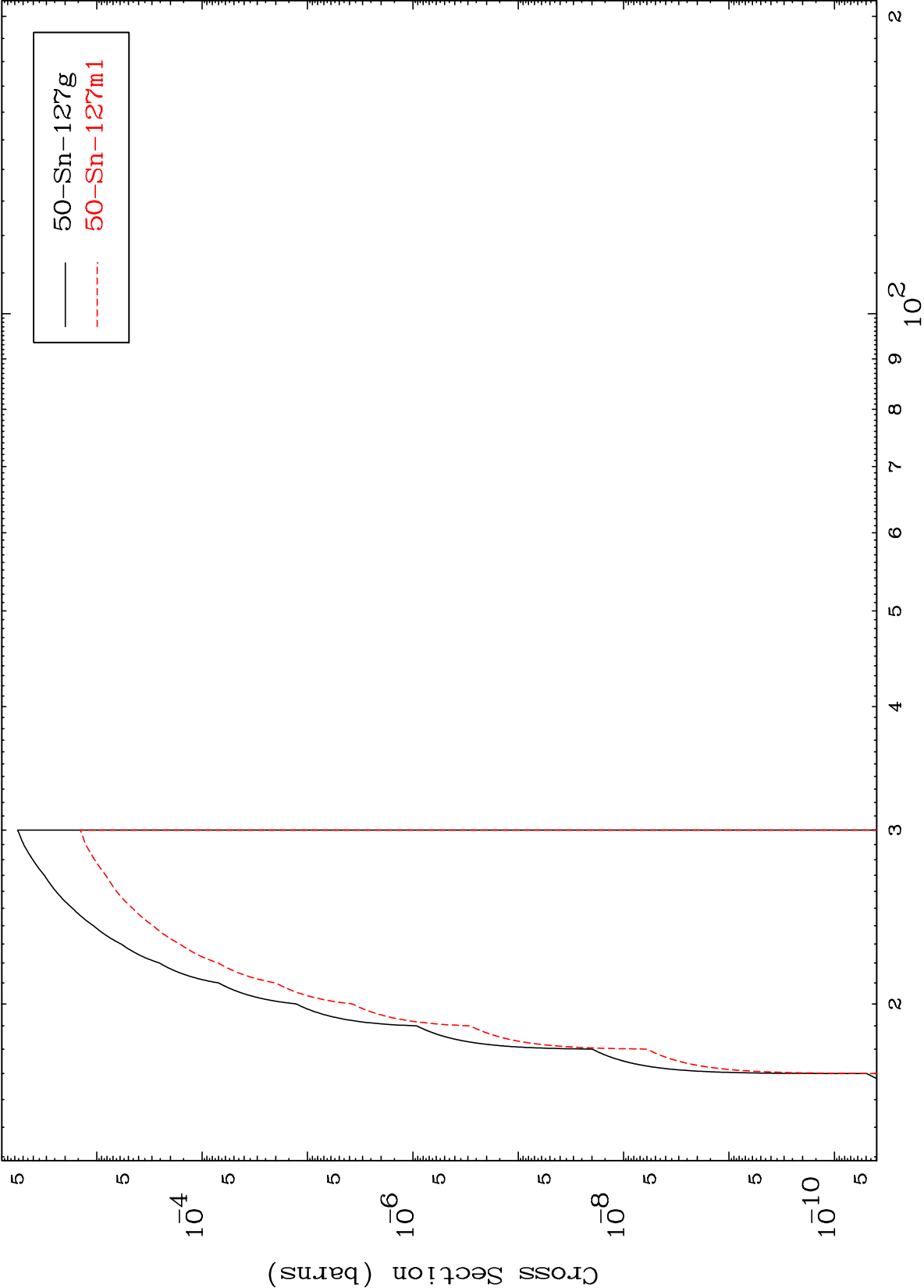


51-Sb-129

Incident Energy (MeV)

143

(n,n') d
Radionuclide Production Cross Section

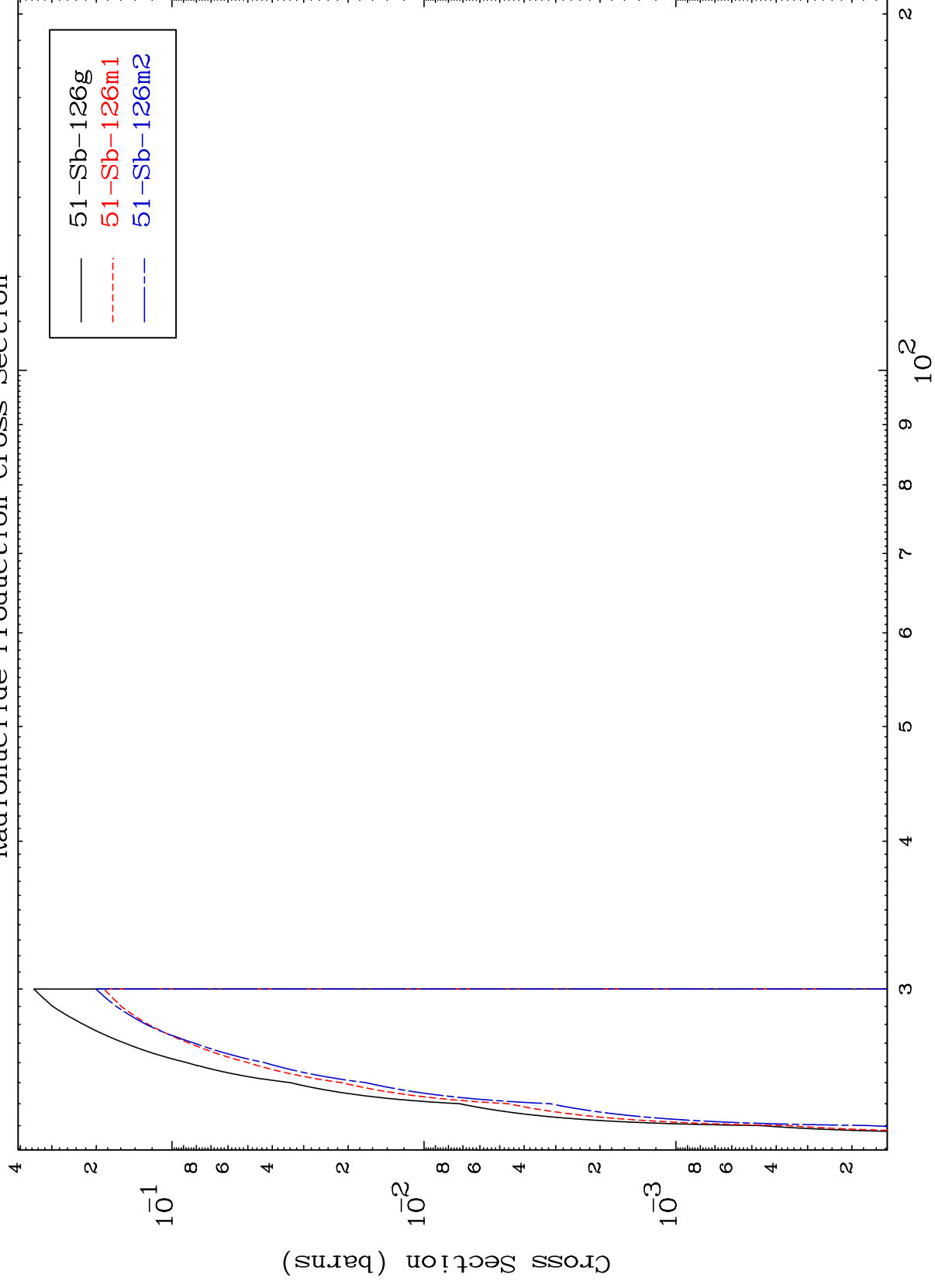


MAT 5149

$$(n, 4n)$$

51-Sb-129

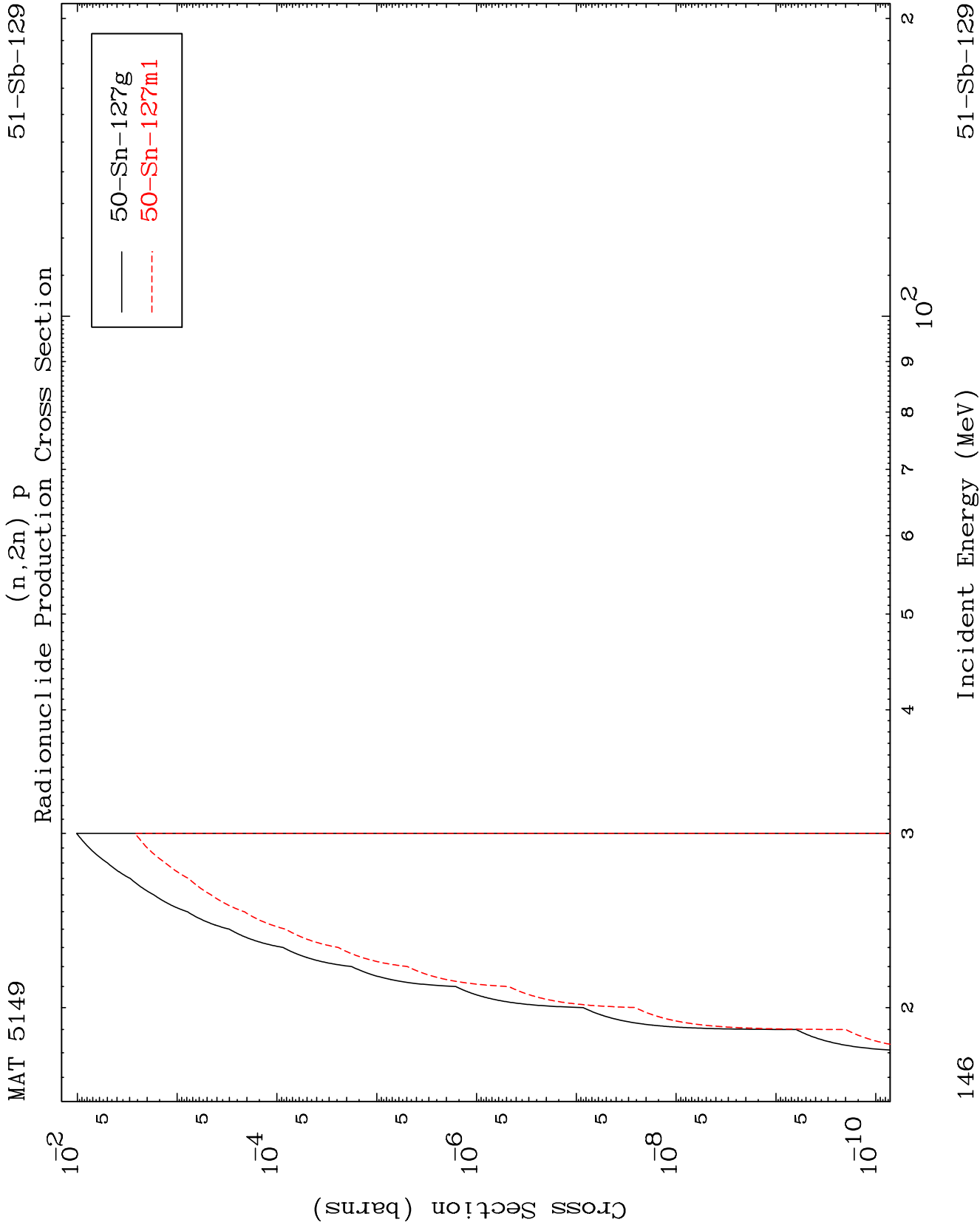
Radionuclide Production Cross Section

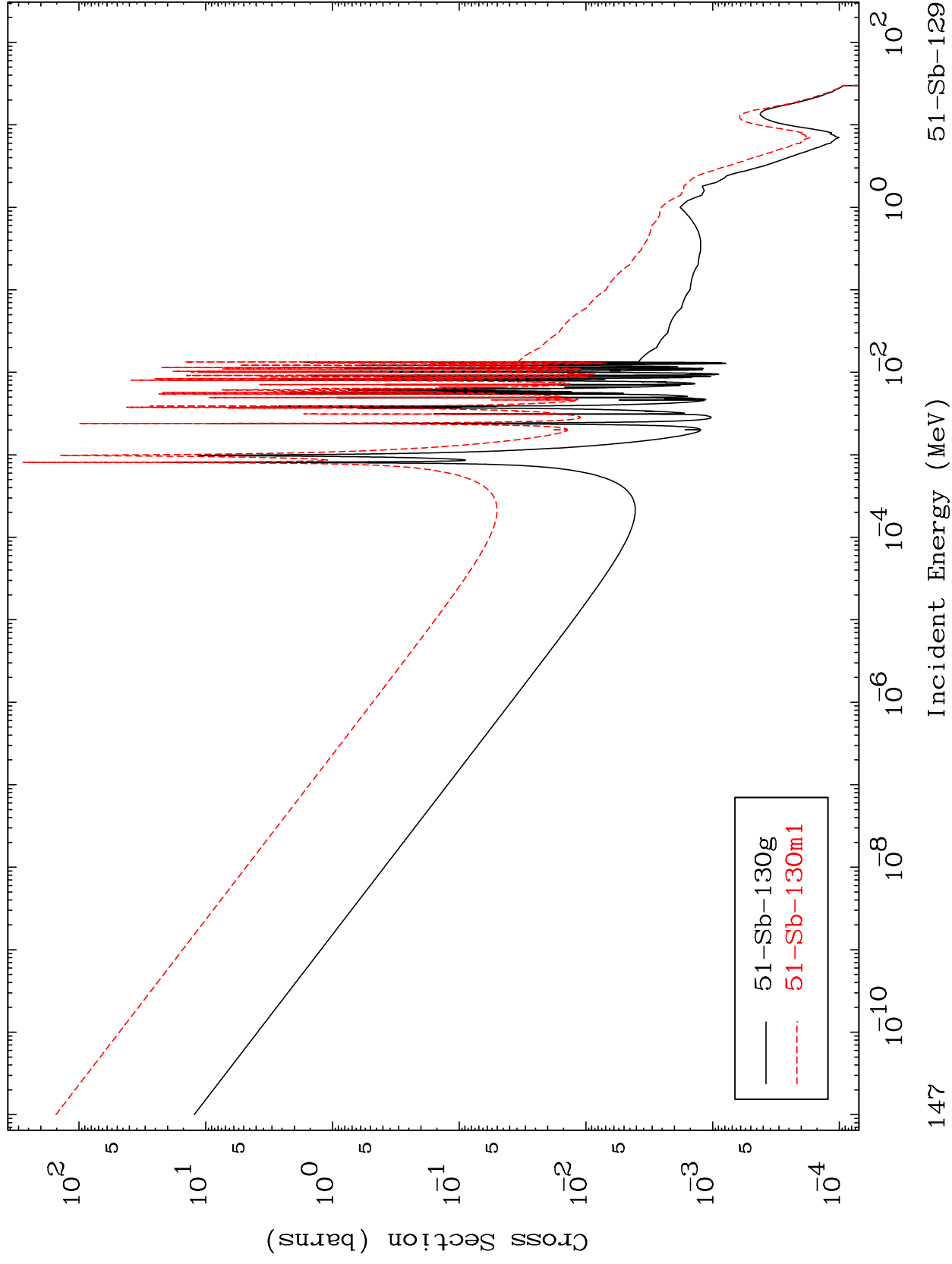


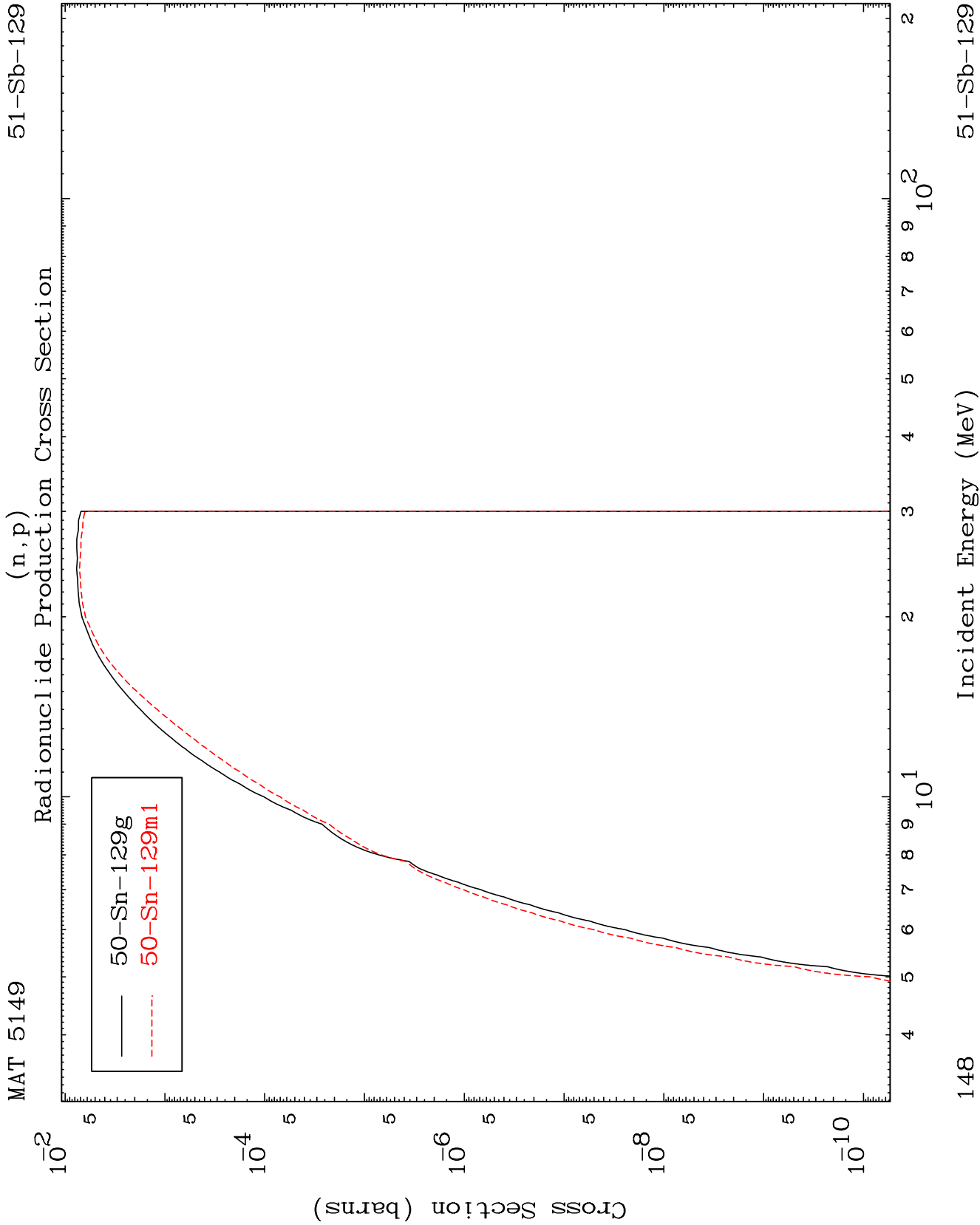
145

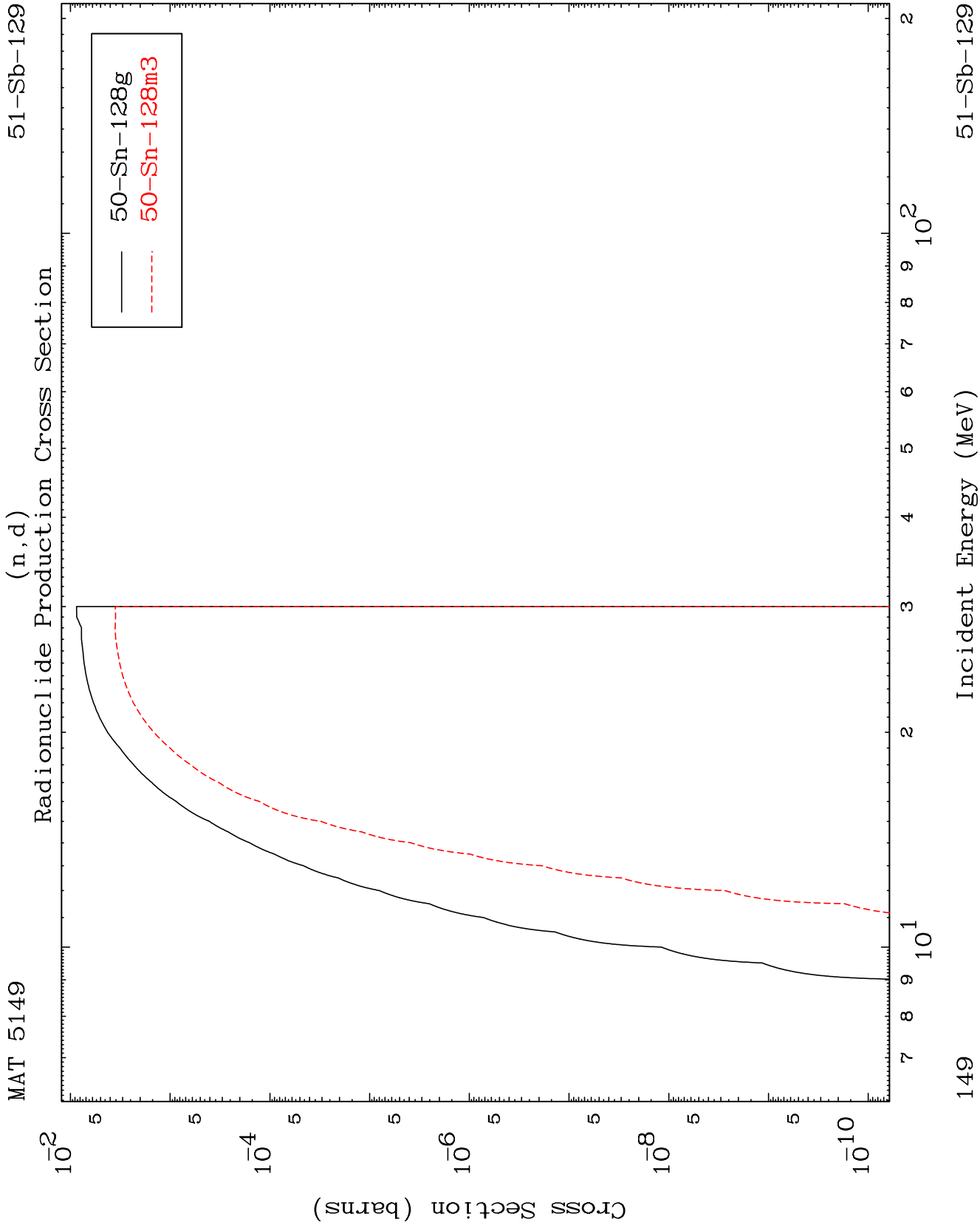
Incident Energy (MeV)

51-Sb-129

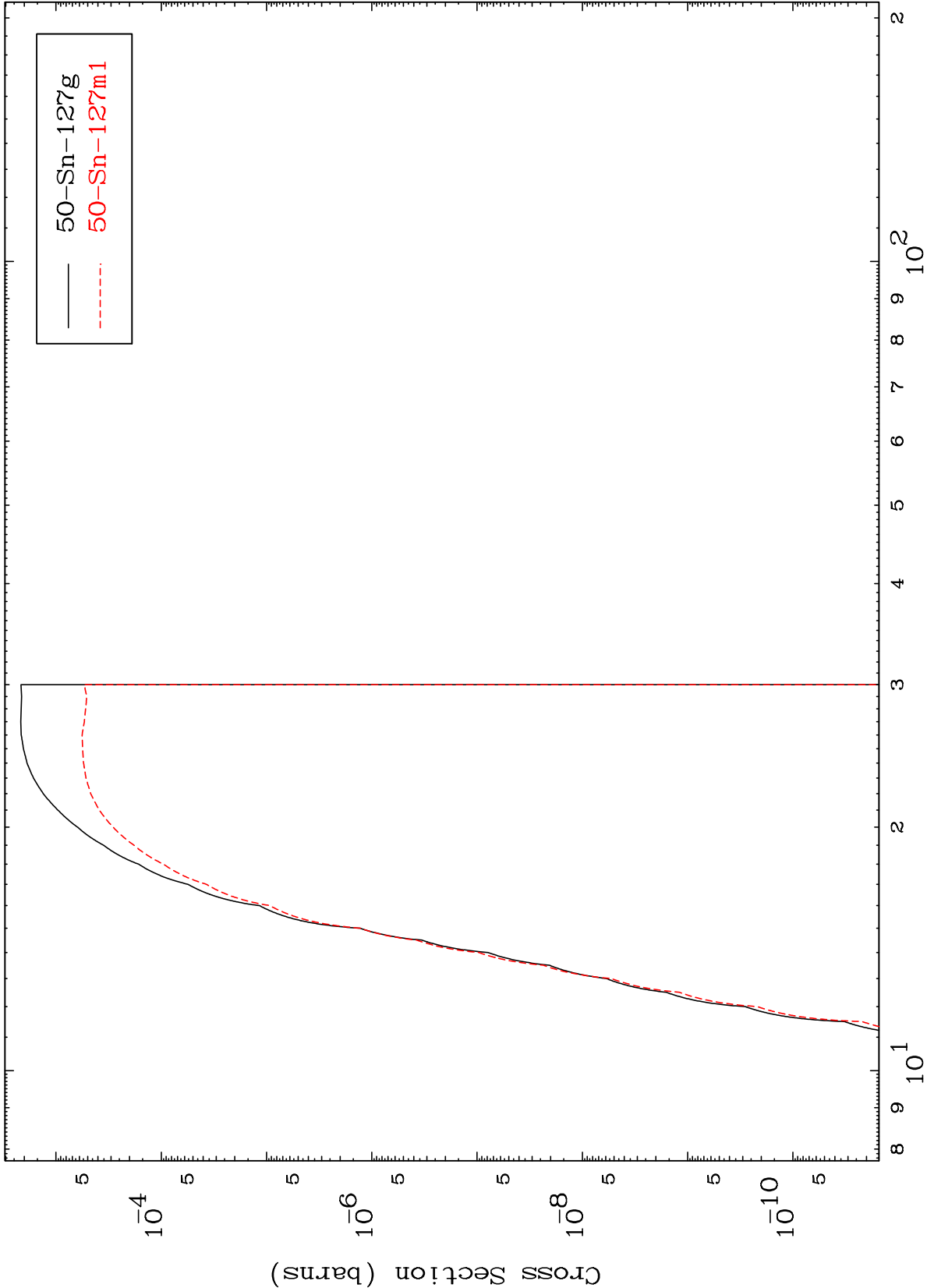


(n, γ)
Radionuclide Production Cross Section

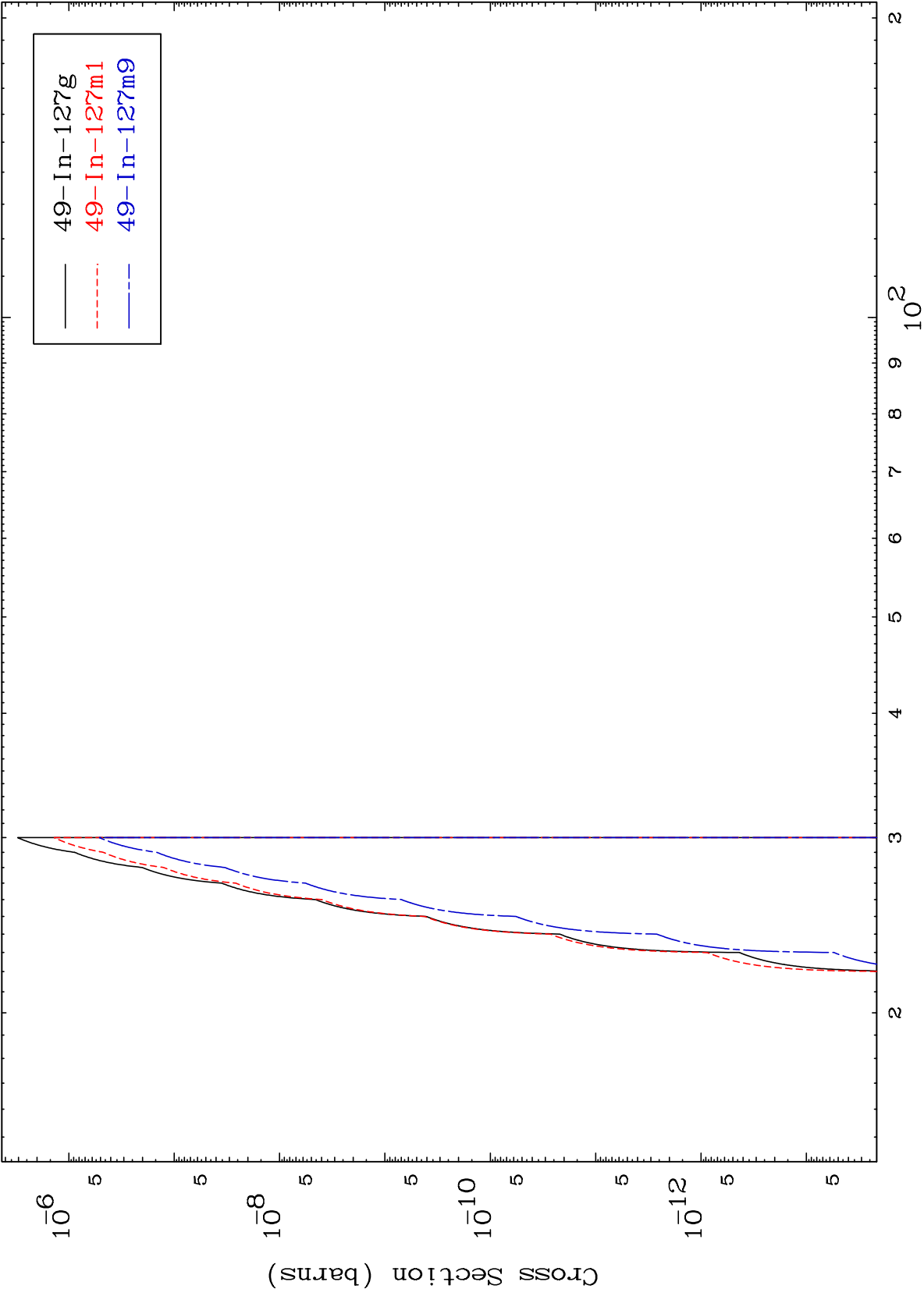




(n,t)
Radionuclide Production Cross Section



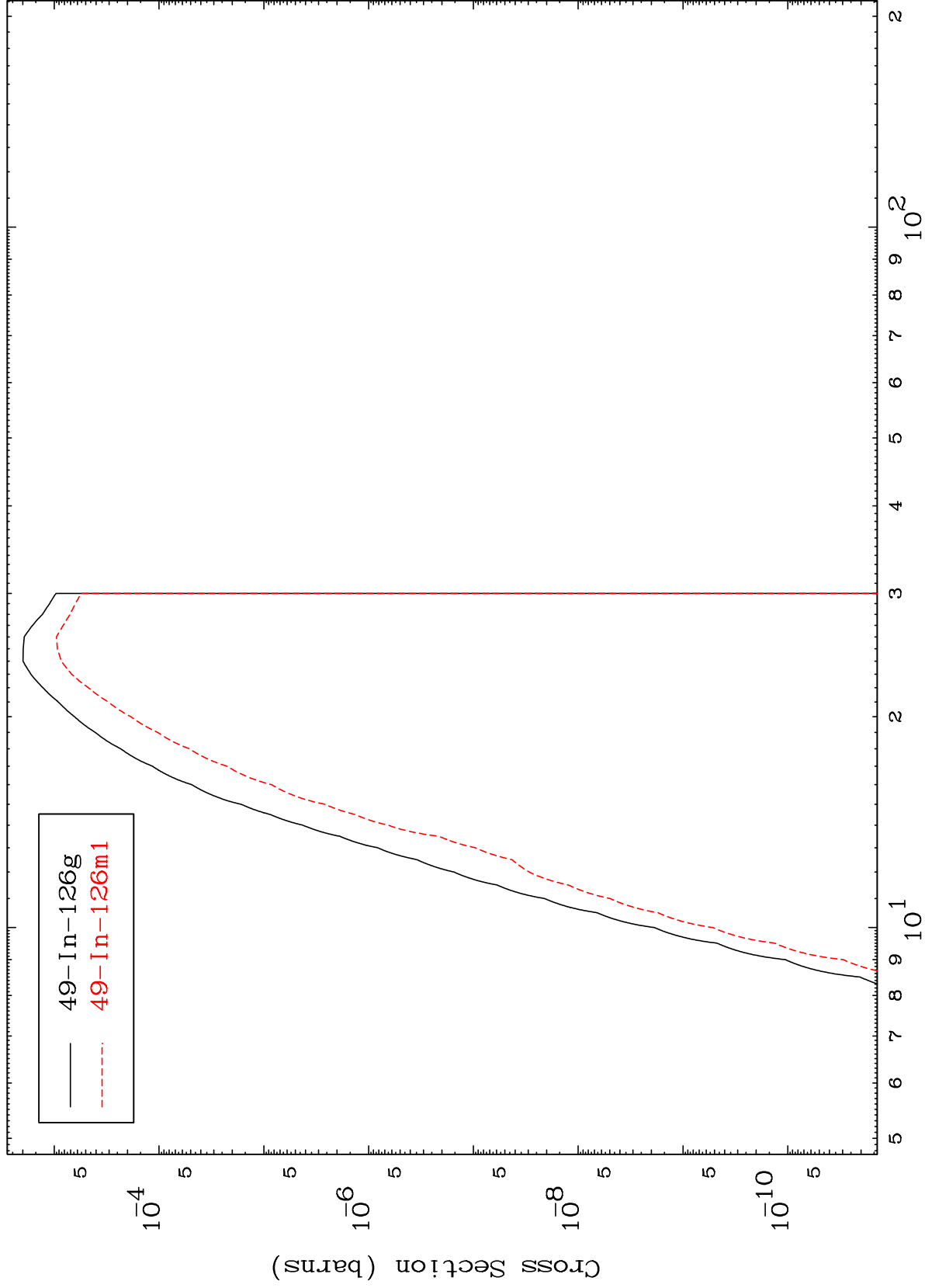
(n,He-3)
Radionuclide Production Cross Section



MAT 5149

51-Sb-129

Radionuclide Production Cross Section



152

Incident Energy (MeV)

51-Sb-129

(n,2p)
Radionuclide Production Cross Section

