

Program EVALPLOT
(Version 2018-1)

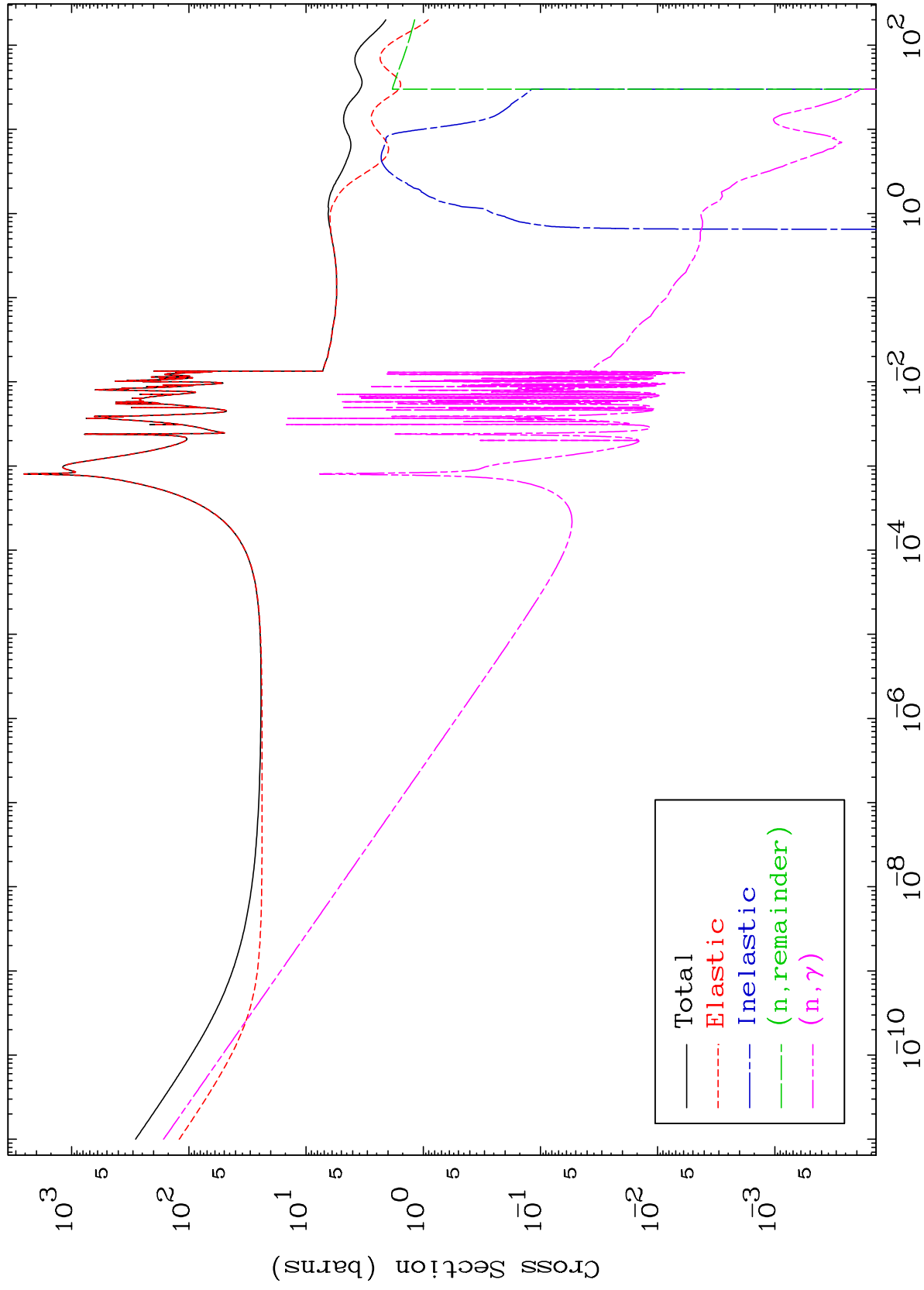
by

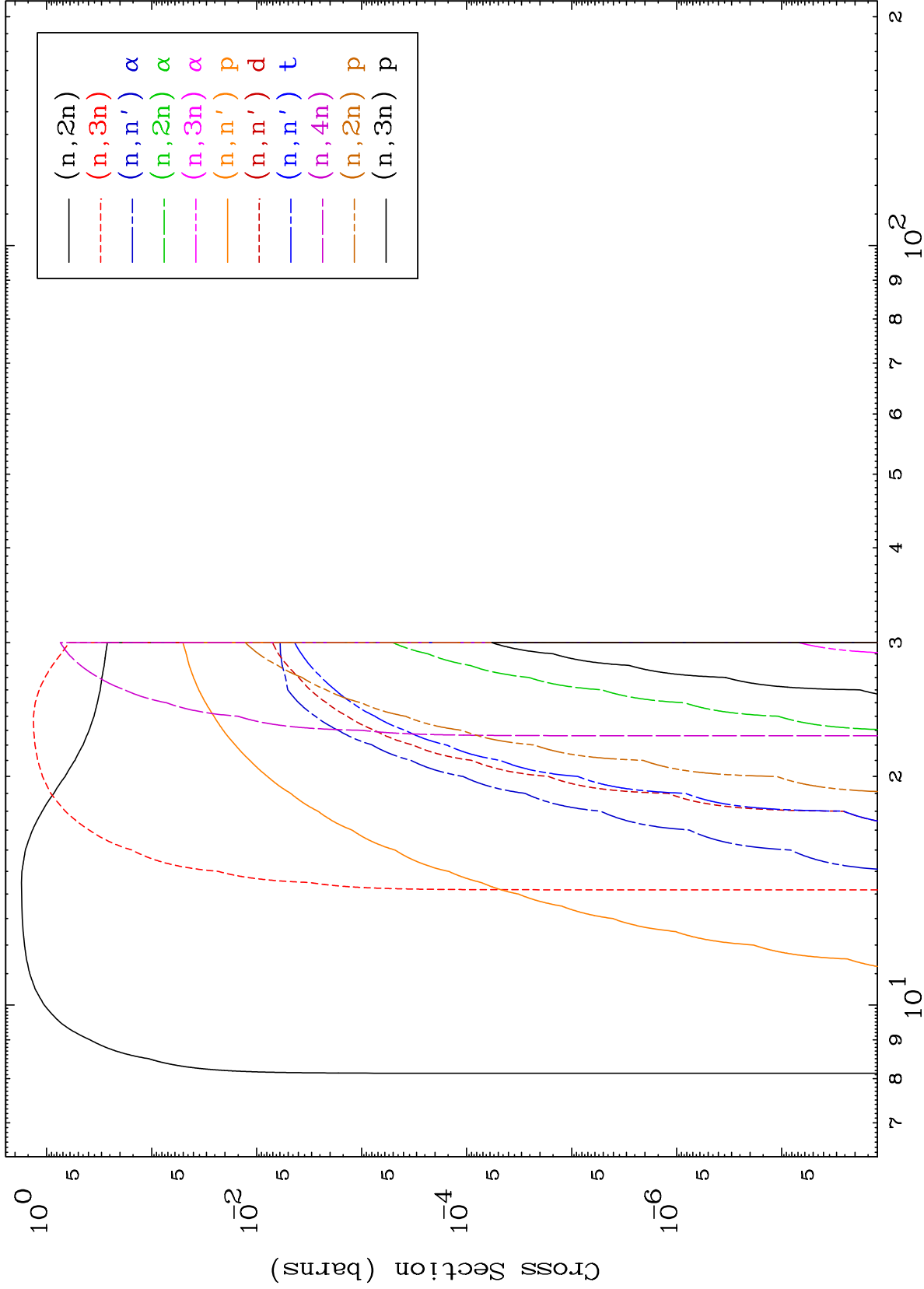
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

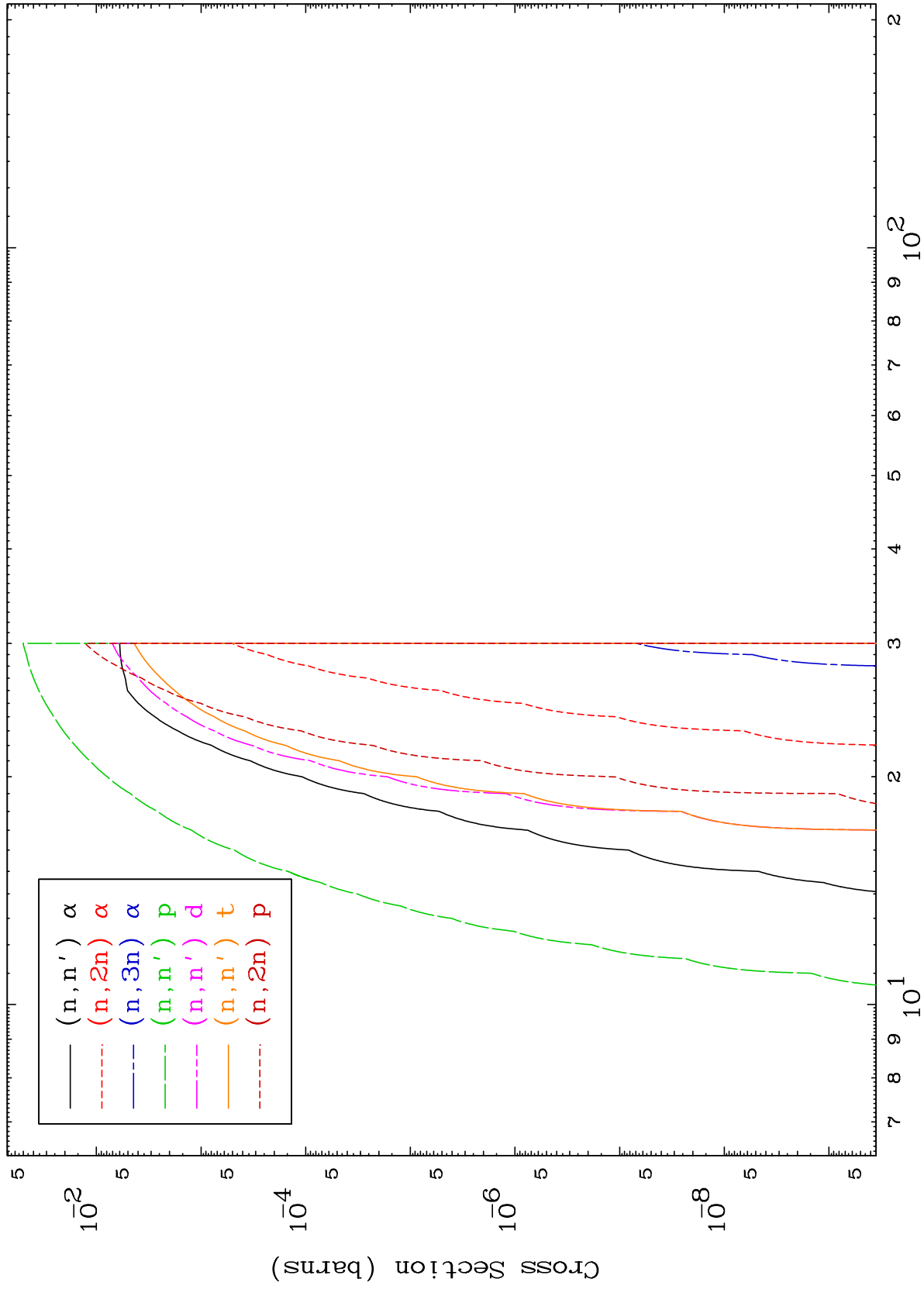
Tele: 925-443-1911

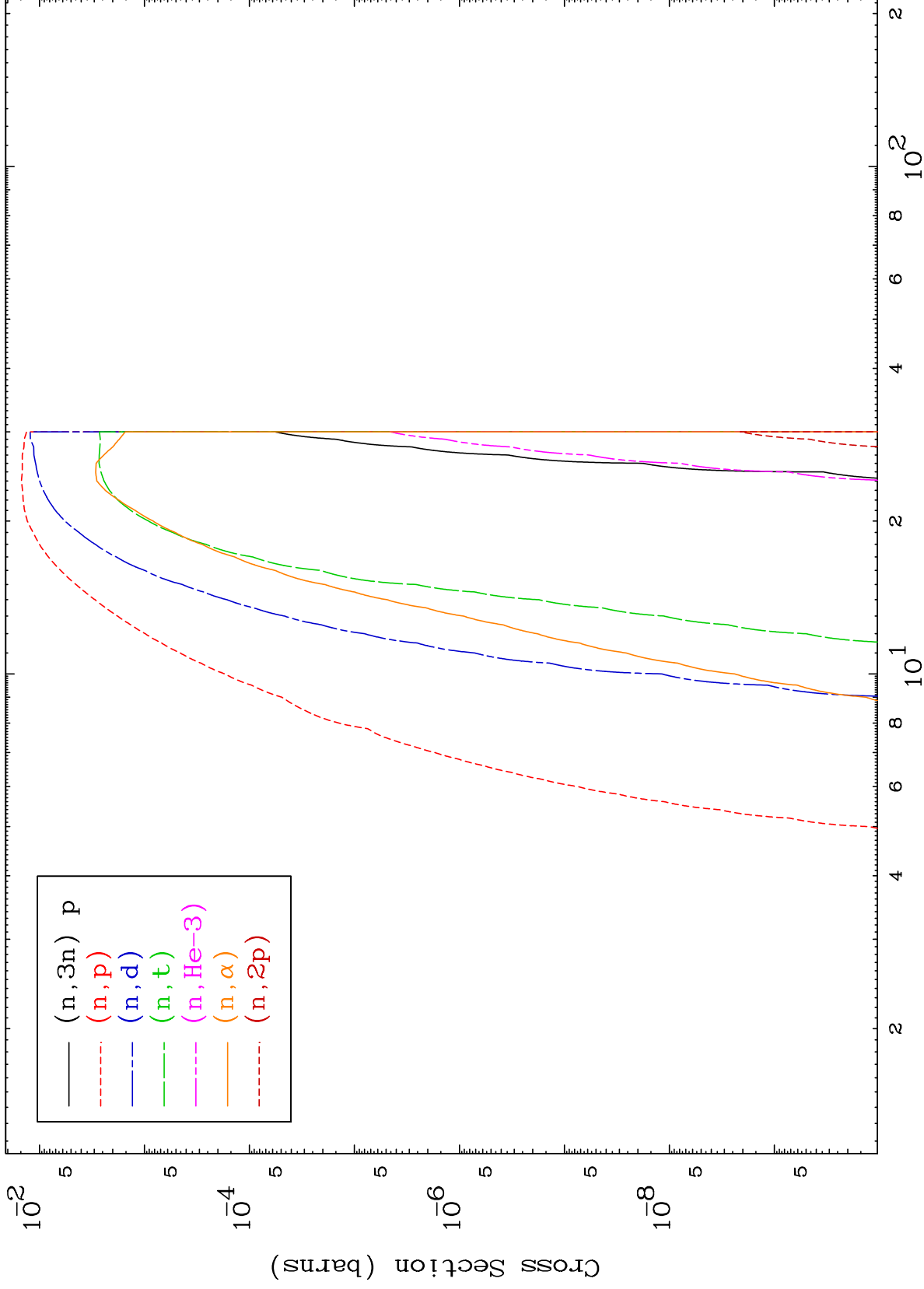
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

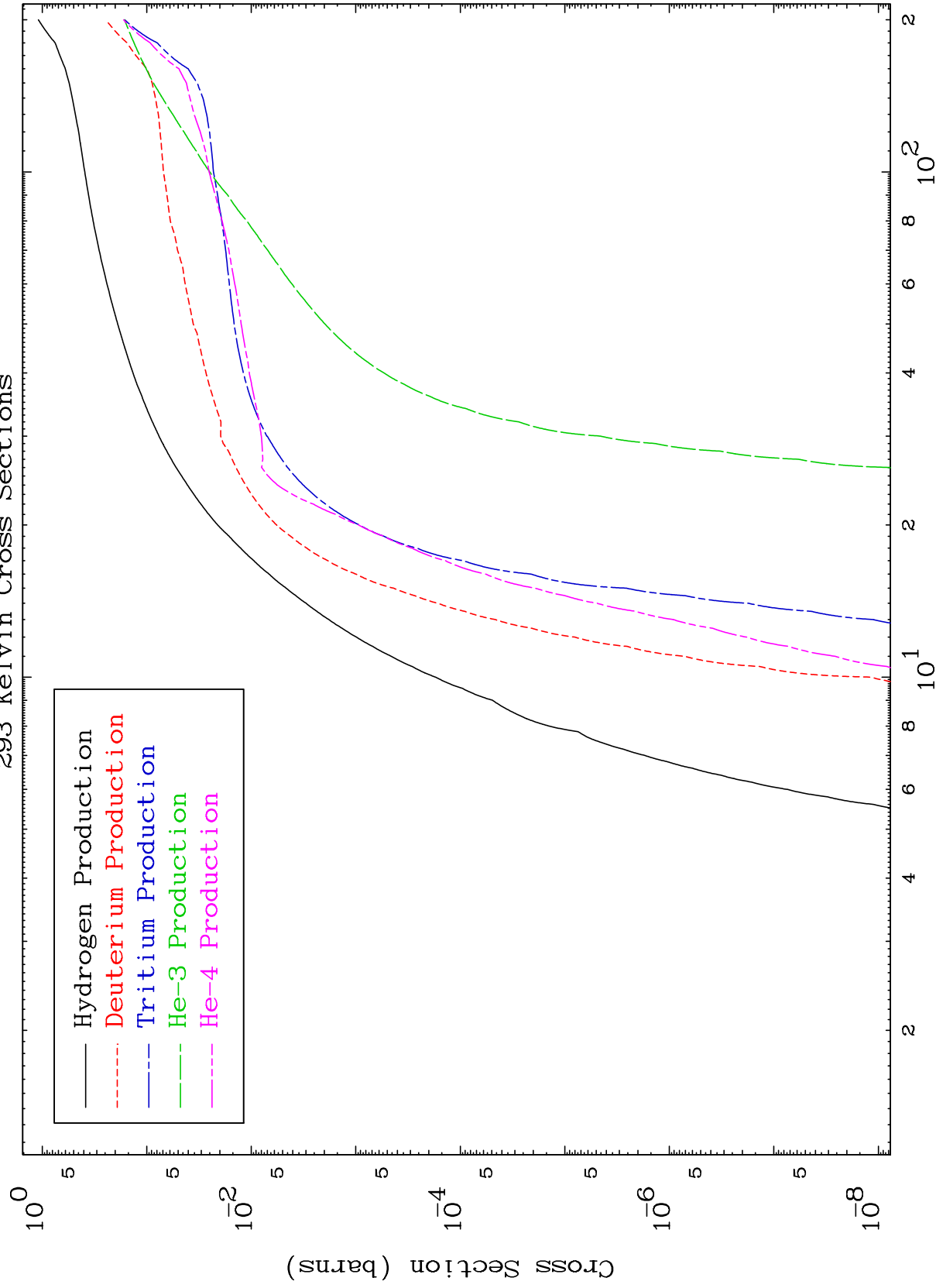
Press Mouse Button to Start









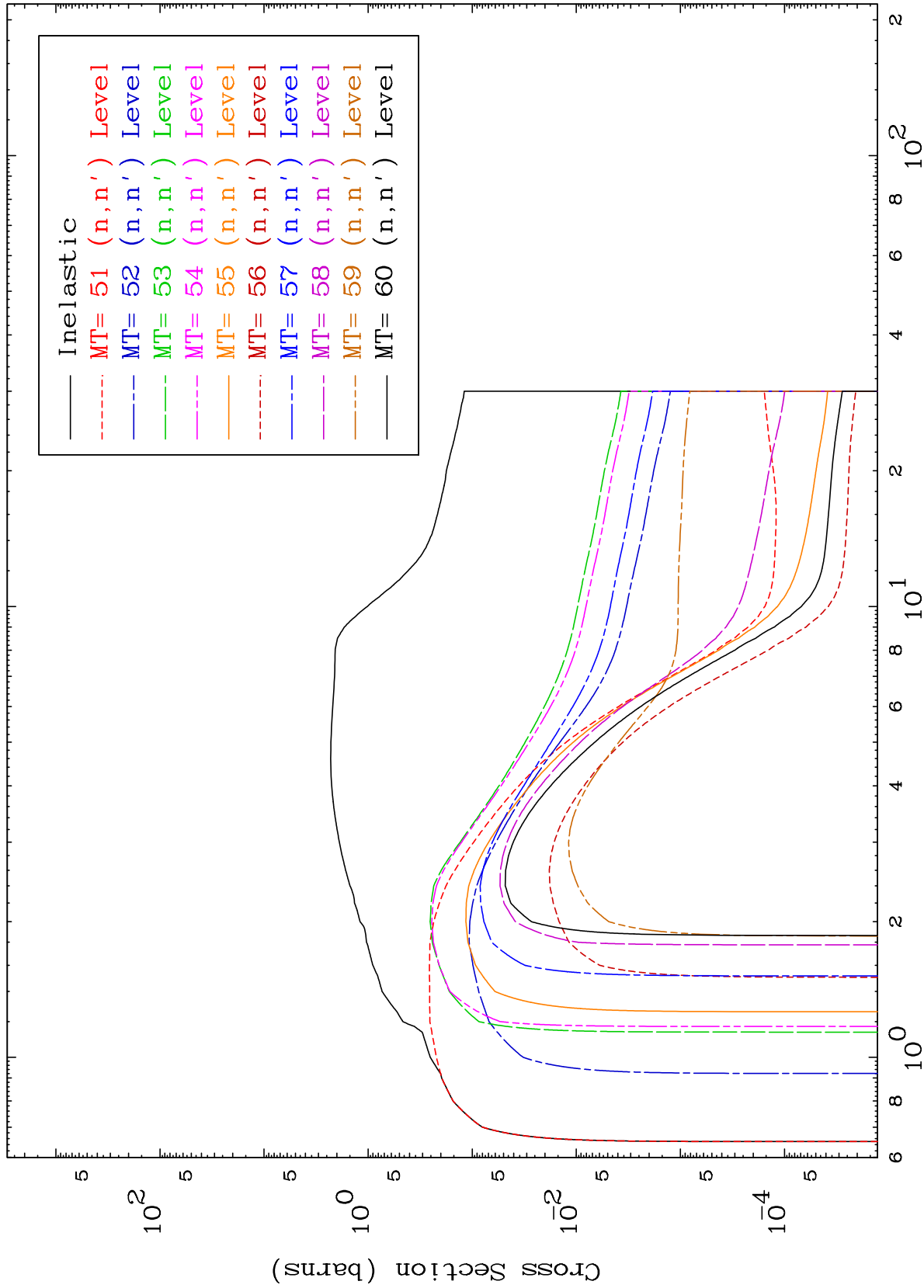


MAT 5149

(n,n') Level

293 Kelvin Cross Sections

51-Sb-129



6

Incident Energy (MeV)

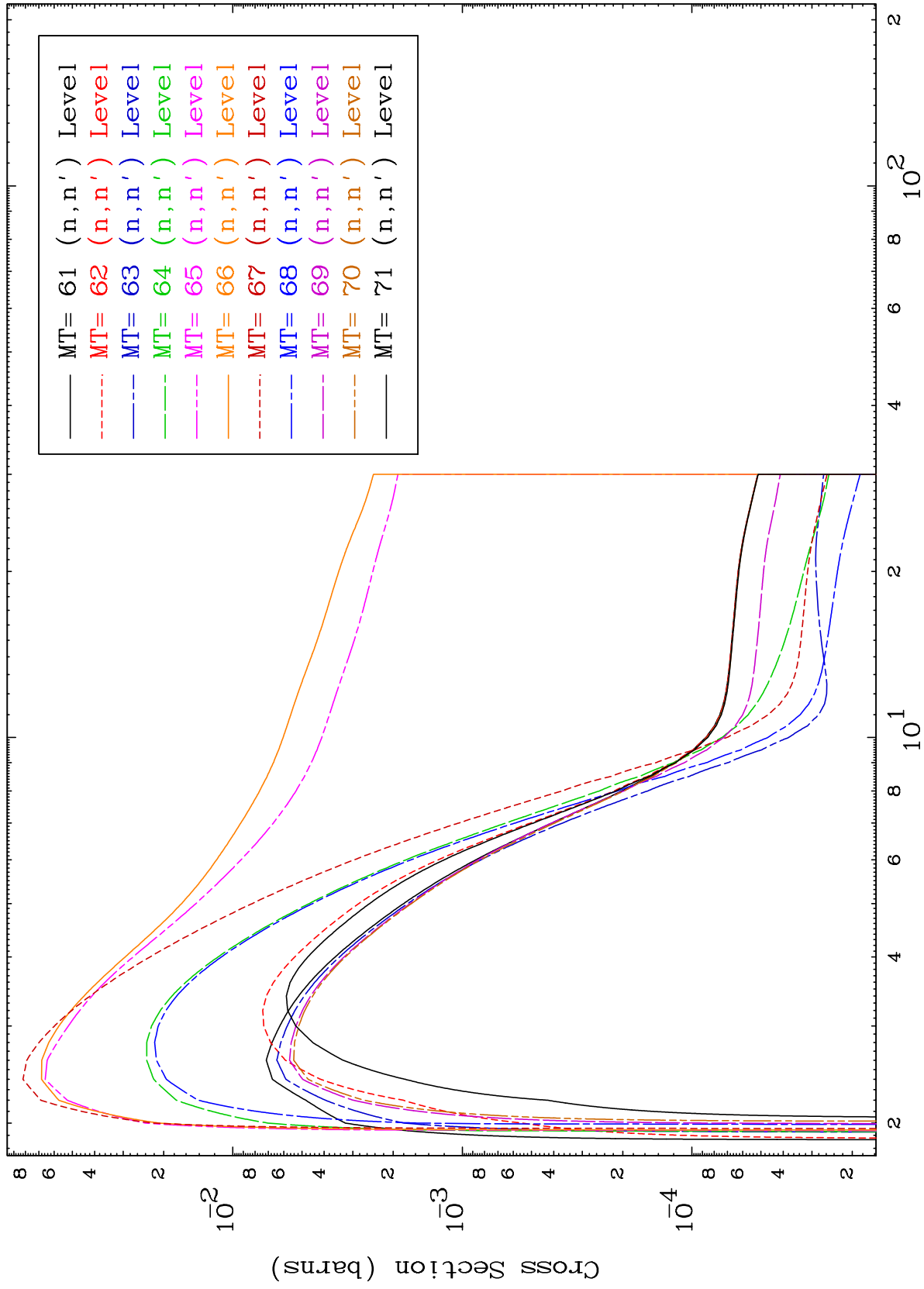
51-Sb-129

MAT 5149

(n,n') Level

293 Kelvin Cross Sections

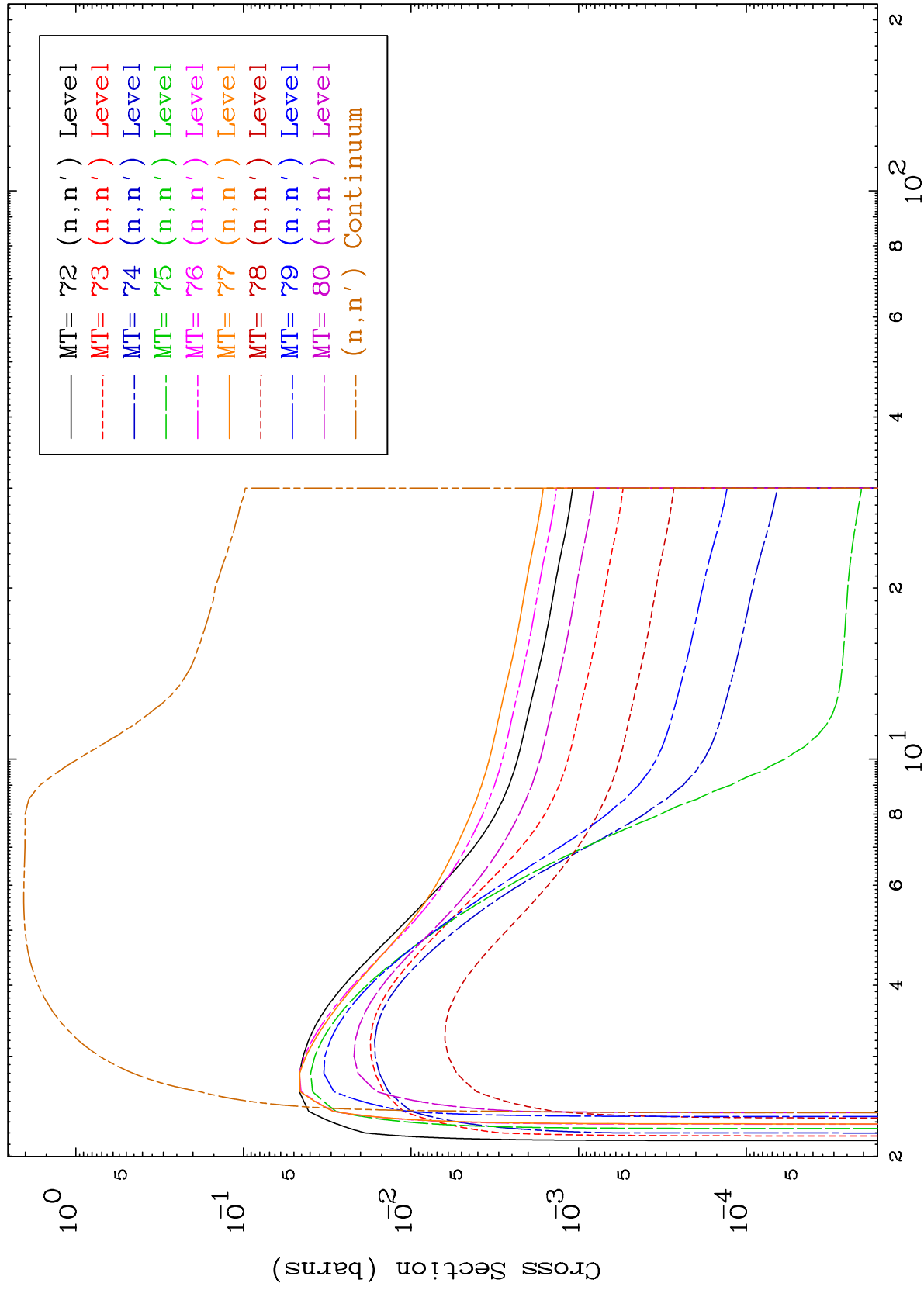
51-Sb-129



7

Incident Energy (MeV)

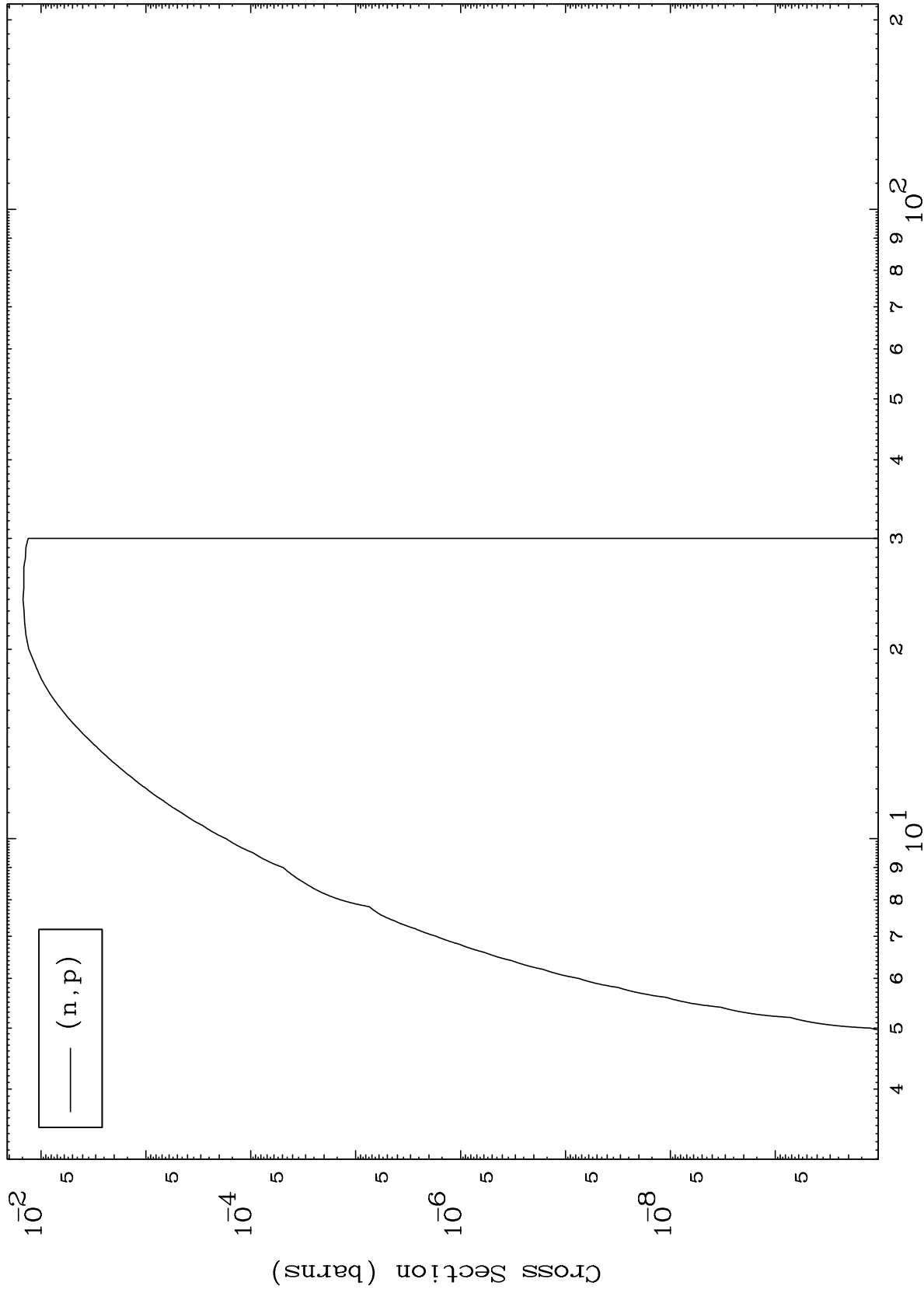
51-Sb-129



MAT 5149

51-Sb-129

(n,p) Levels
293 Kelvin Cross Sections



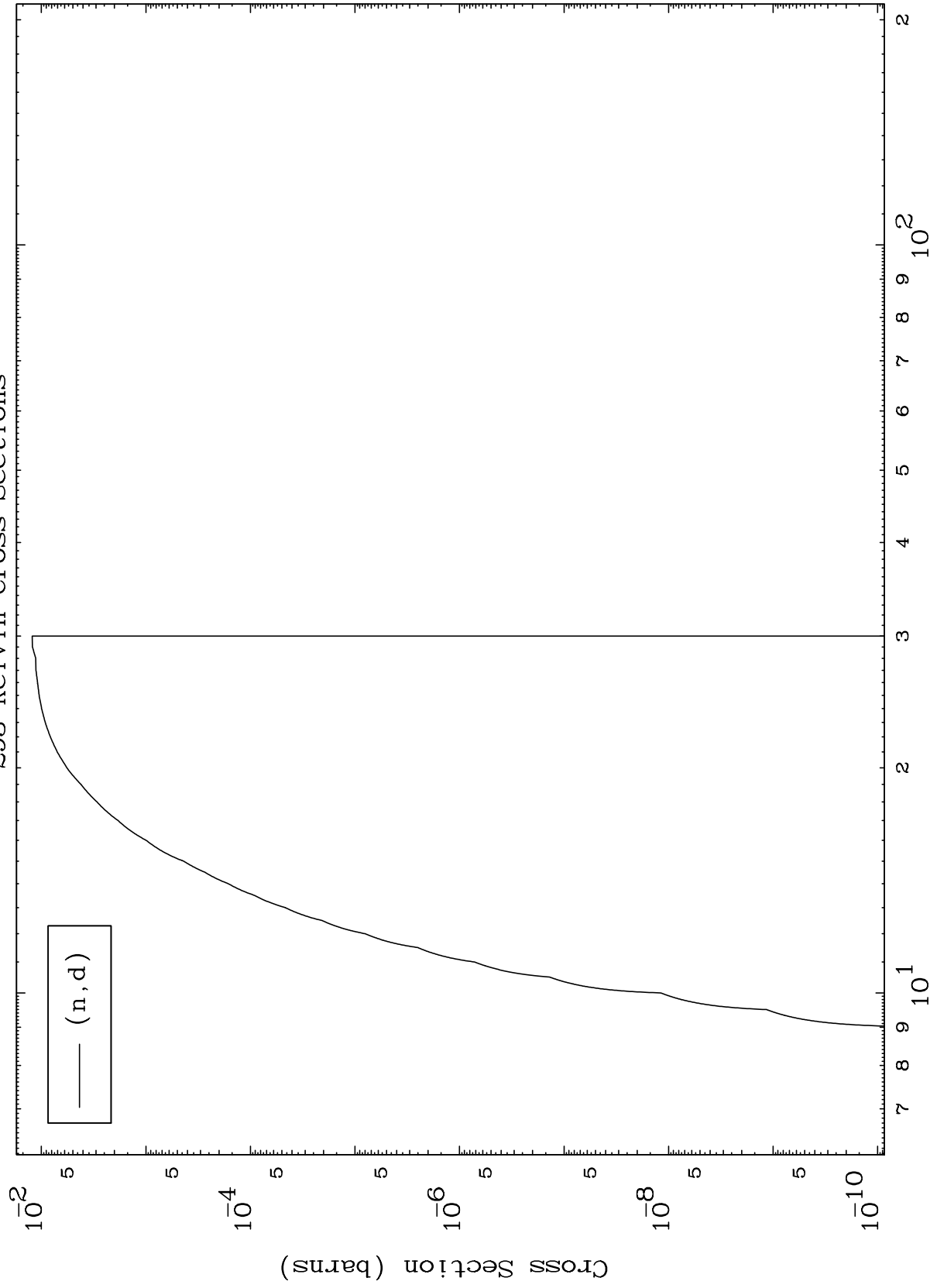
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51-Sb-129

MAT 5149

51-Sb-129

(n,d) Levels
293 Kelvin Cross Sections



51-Sb-129

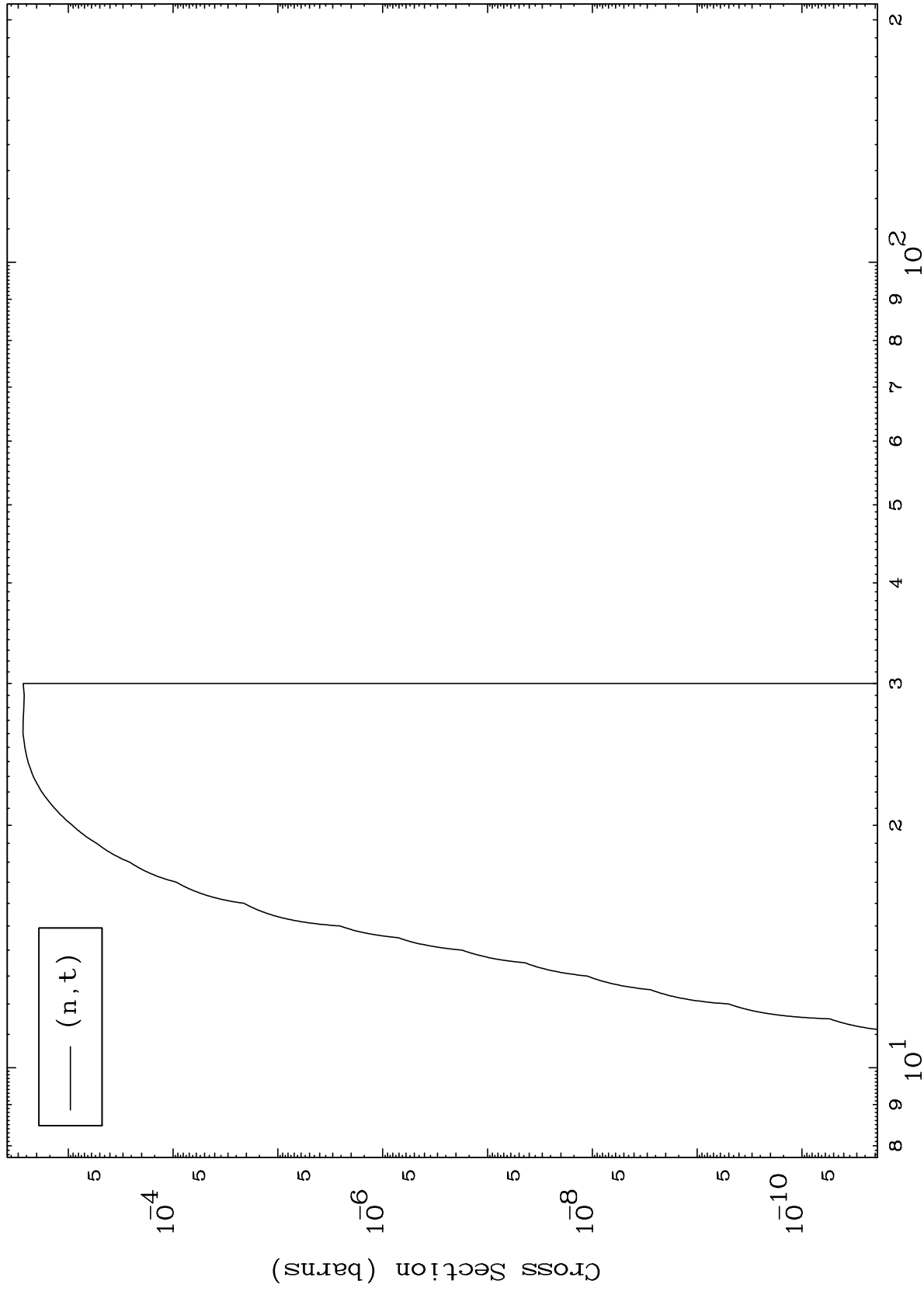
Incident Energy (MeV)

10

MAT 5149

51-Sb-129

(n,t) Levels
293 Kelvin Cross Sections



11

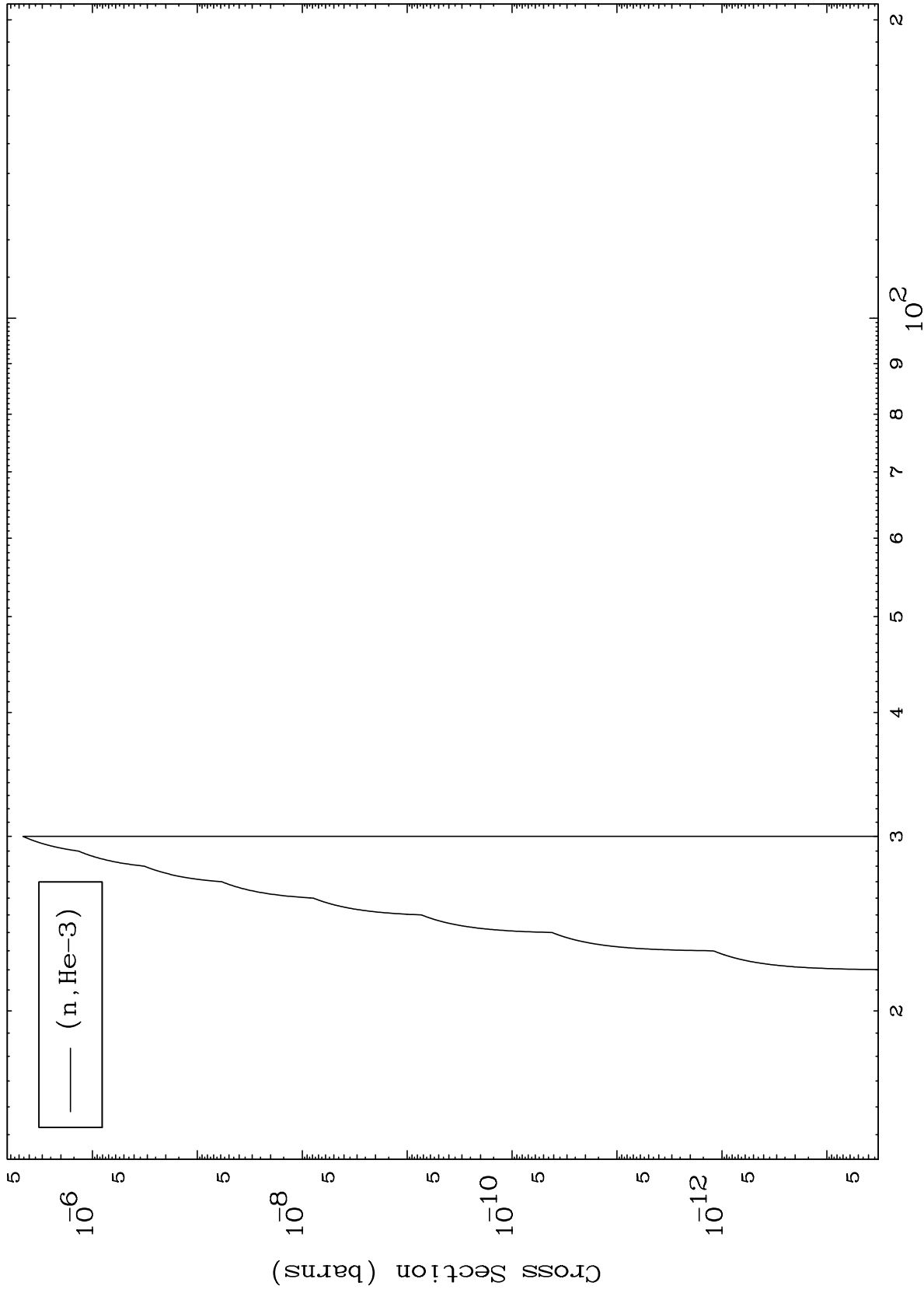
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

(n,He3) Levels
293 Kelvin Cross Sections



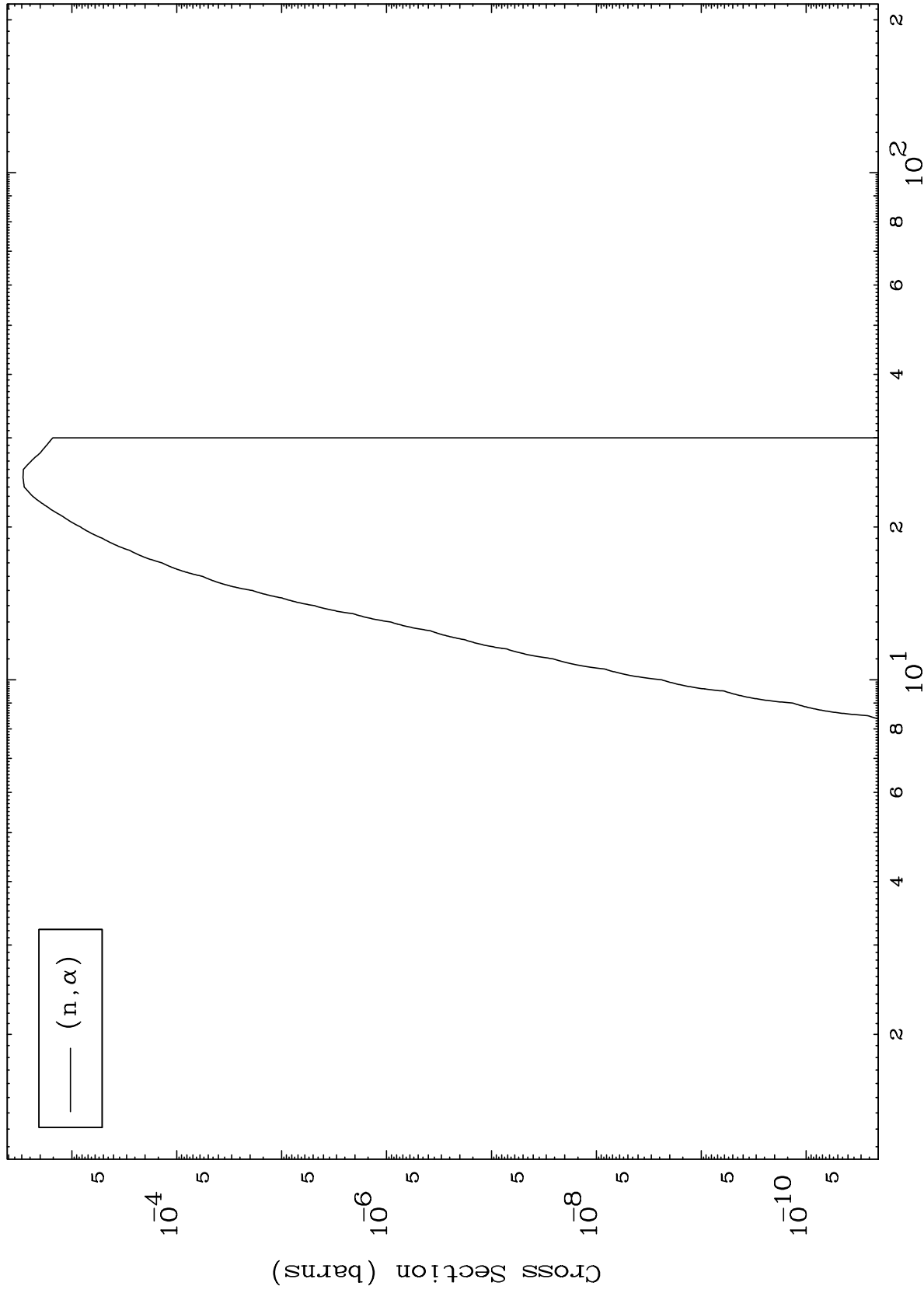
12

51-Sb-129

MAT 5149

(n, α) Levels
293 Kelvin Cross Sections

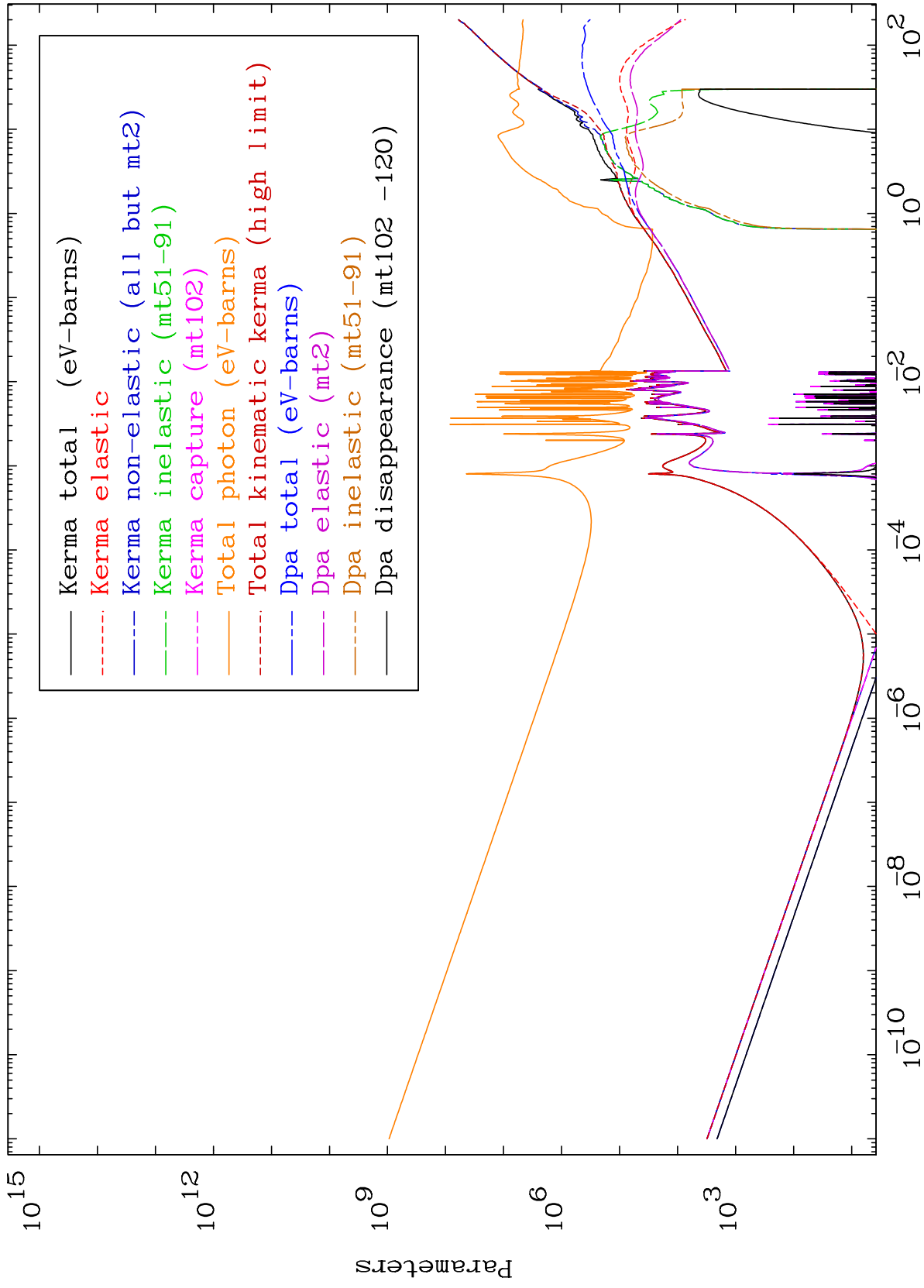
51-Sb-129



13

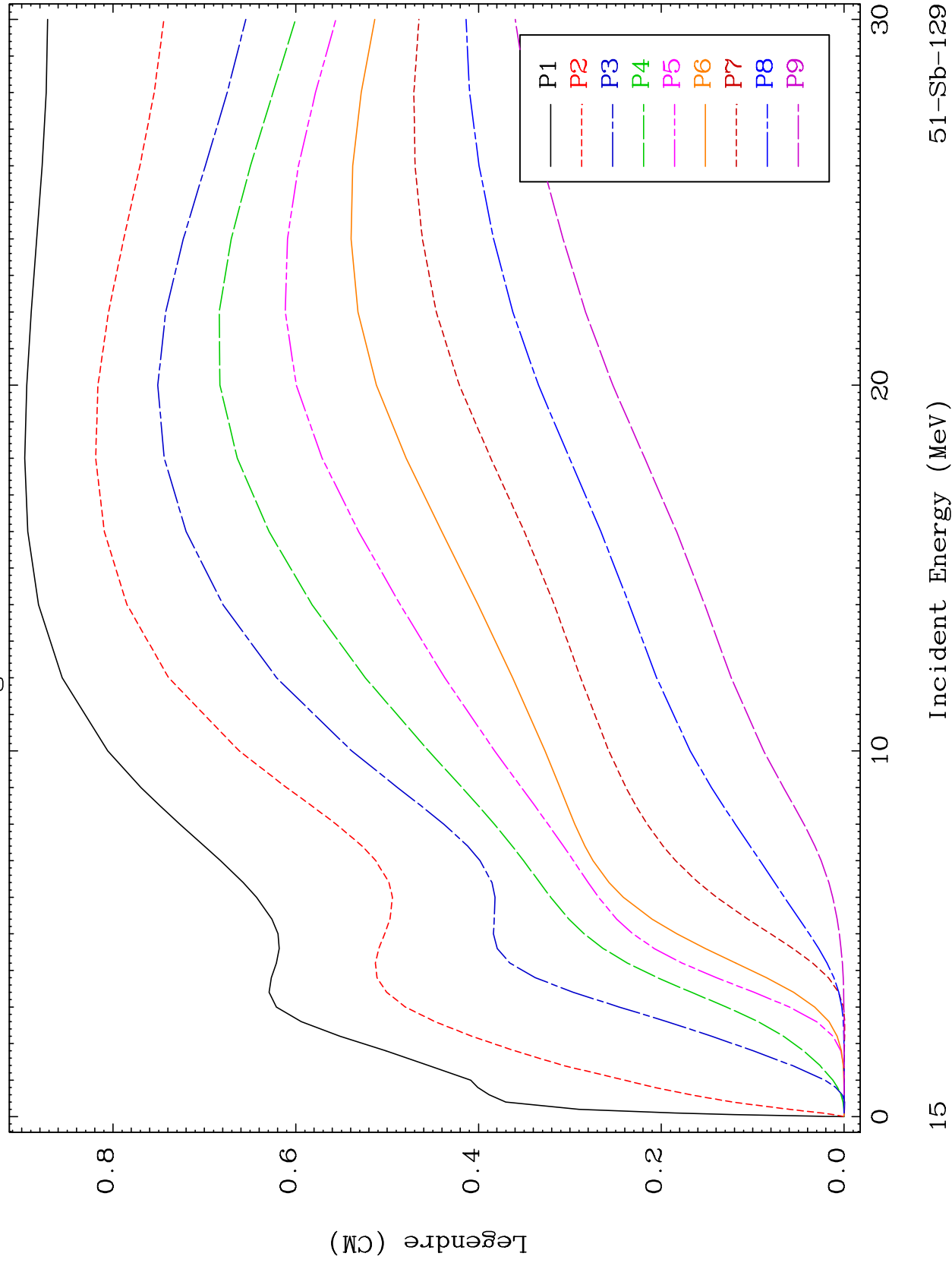
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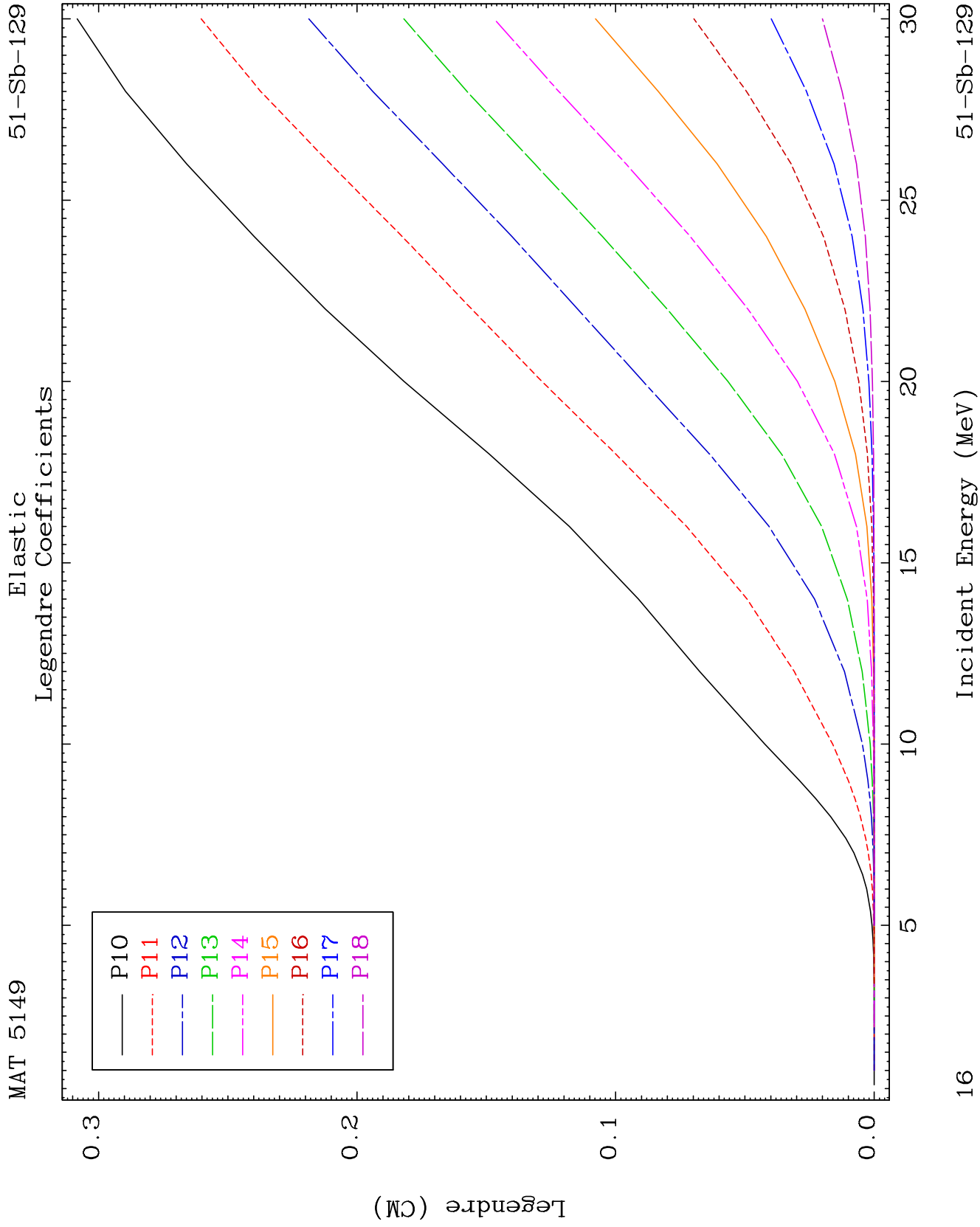
51-Sb-129



51-Sb-129

51-Sb-129

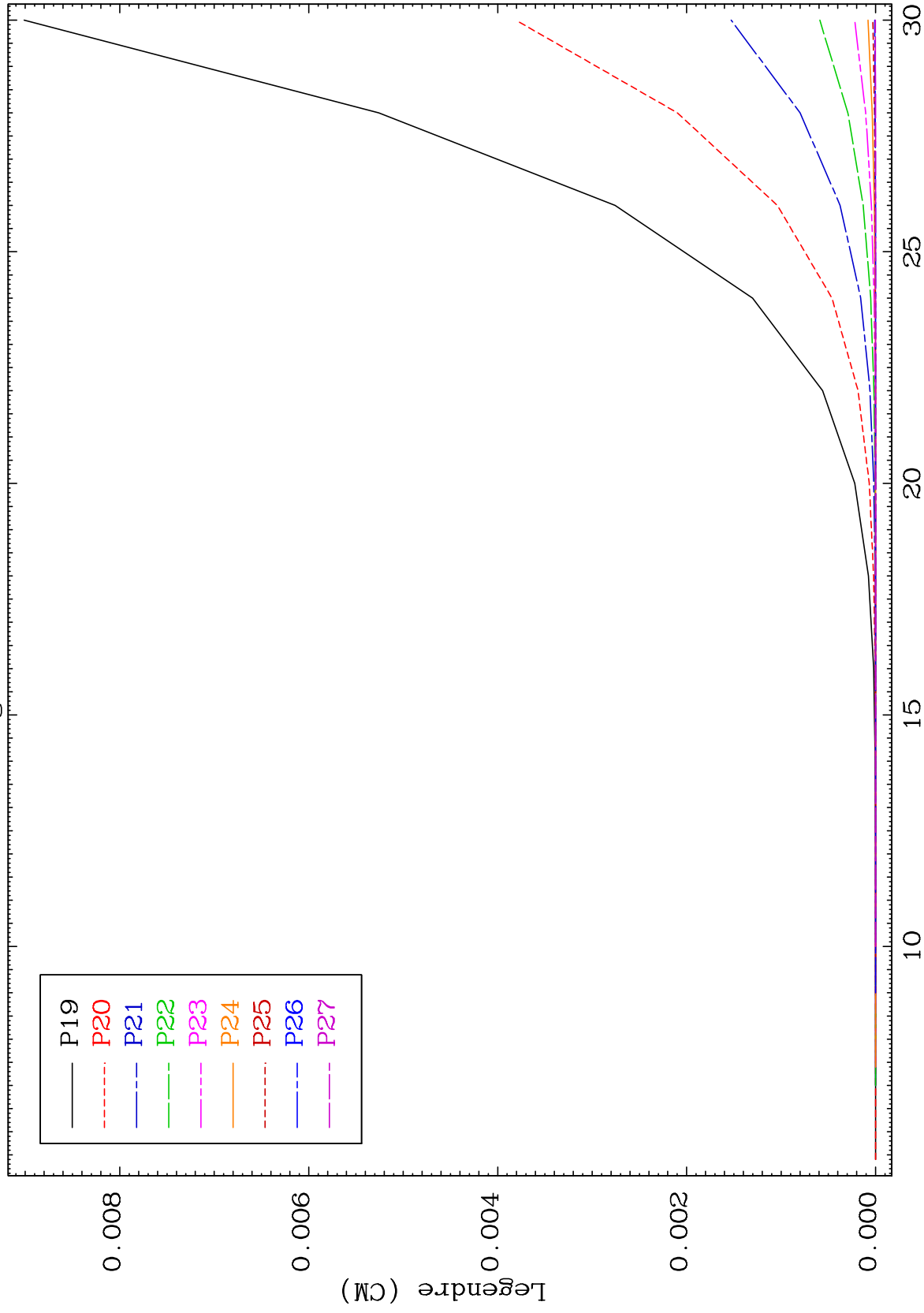




MAT 5149

Elastic
Legendre Coefficients

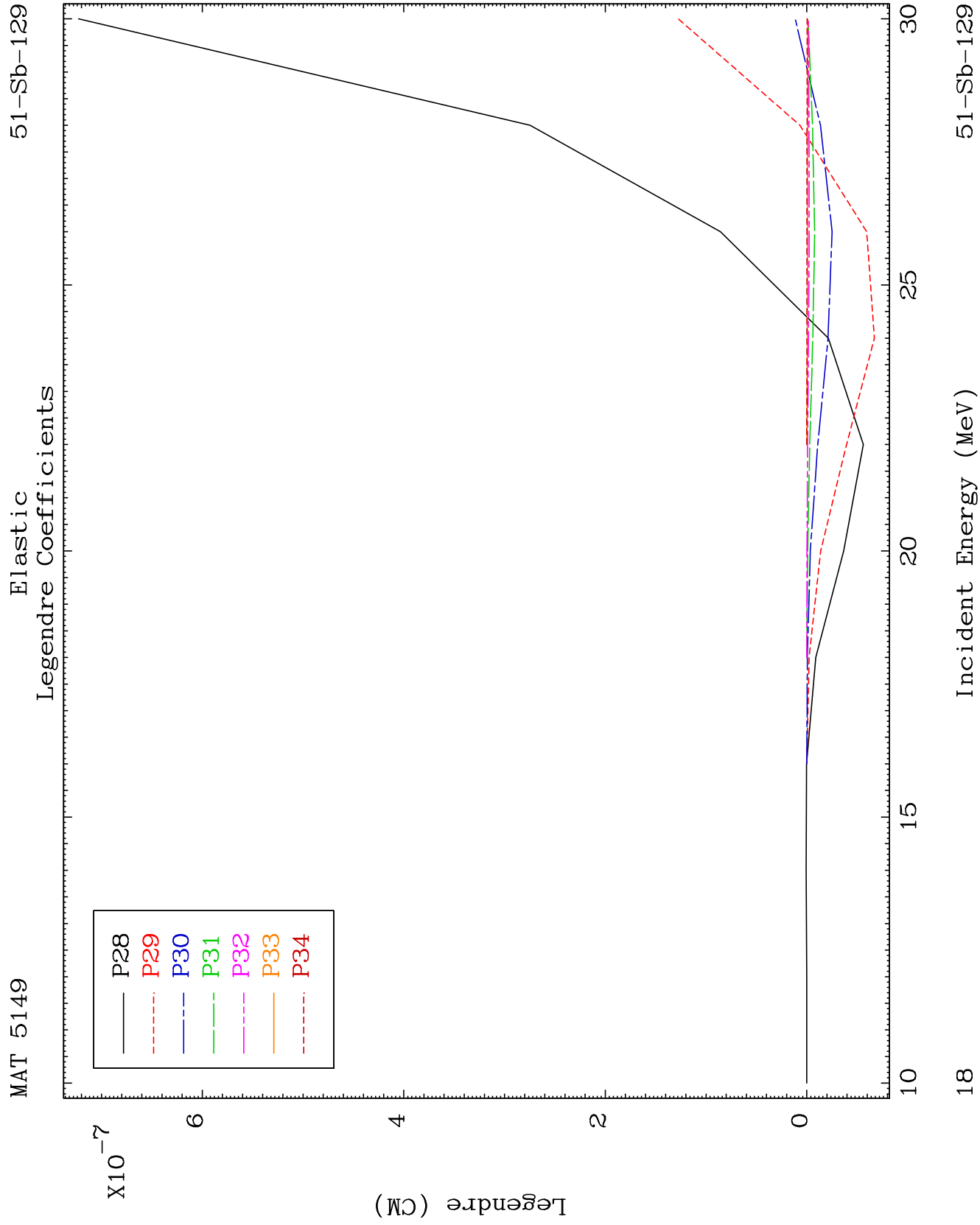
51-Sb-129



17

Incident Energy (MeV)

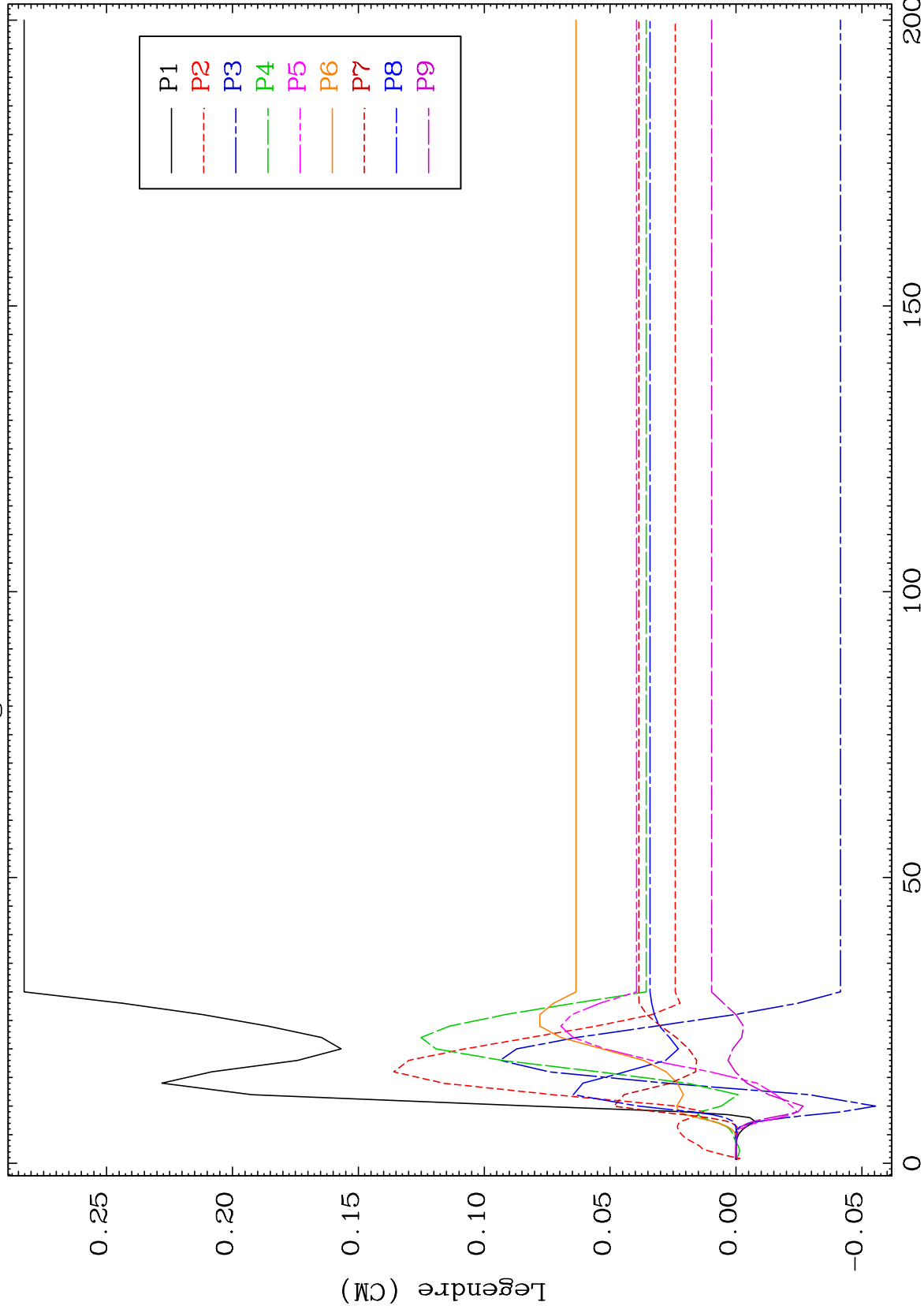
51-Sb-129



MAT 5149

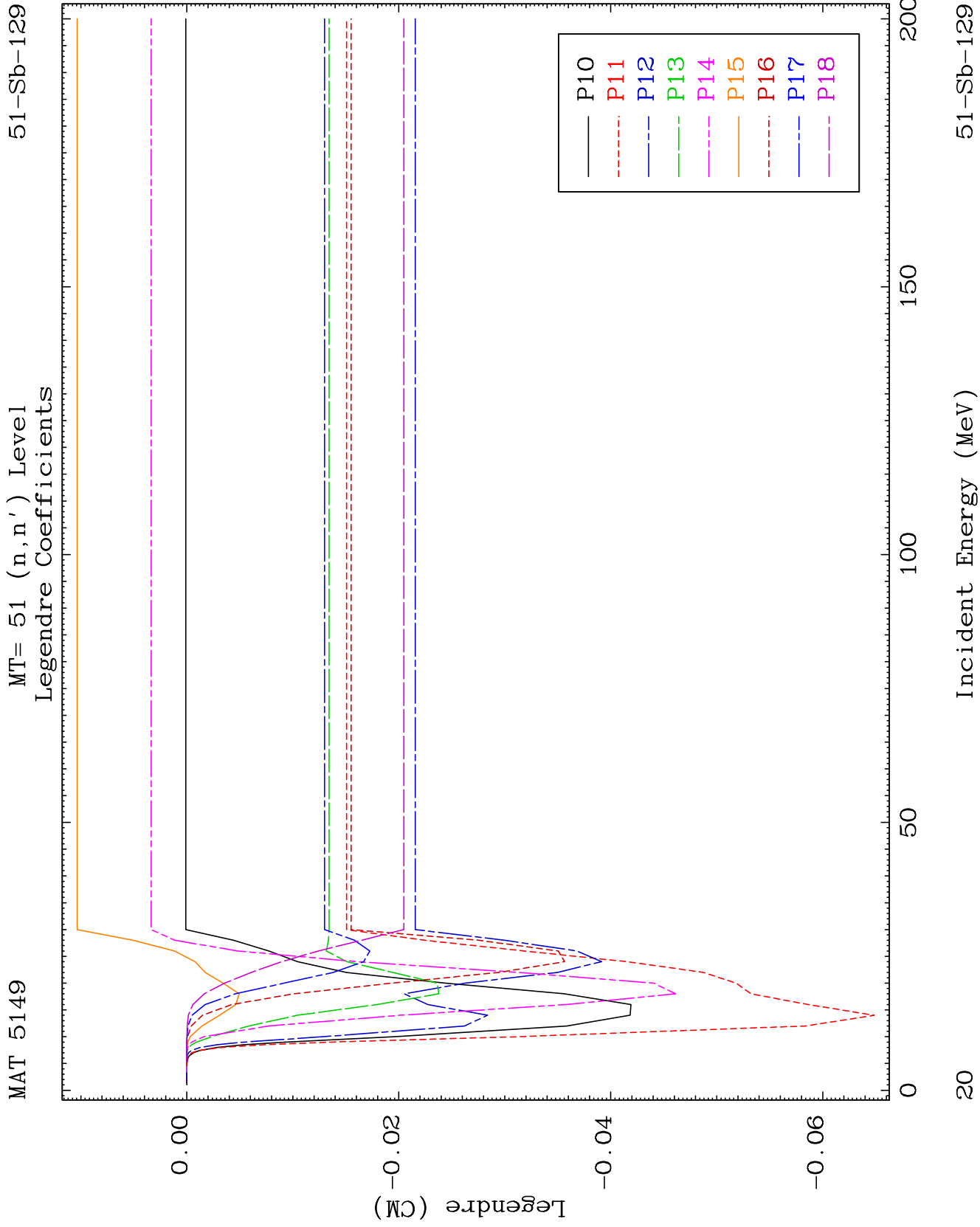
MT= 51 (n,n') Level
Legendre Coefficients

51-Sb-129



19

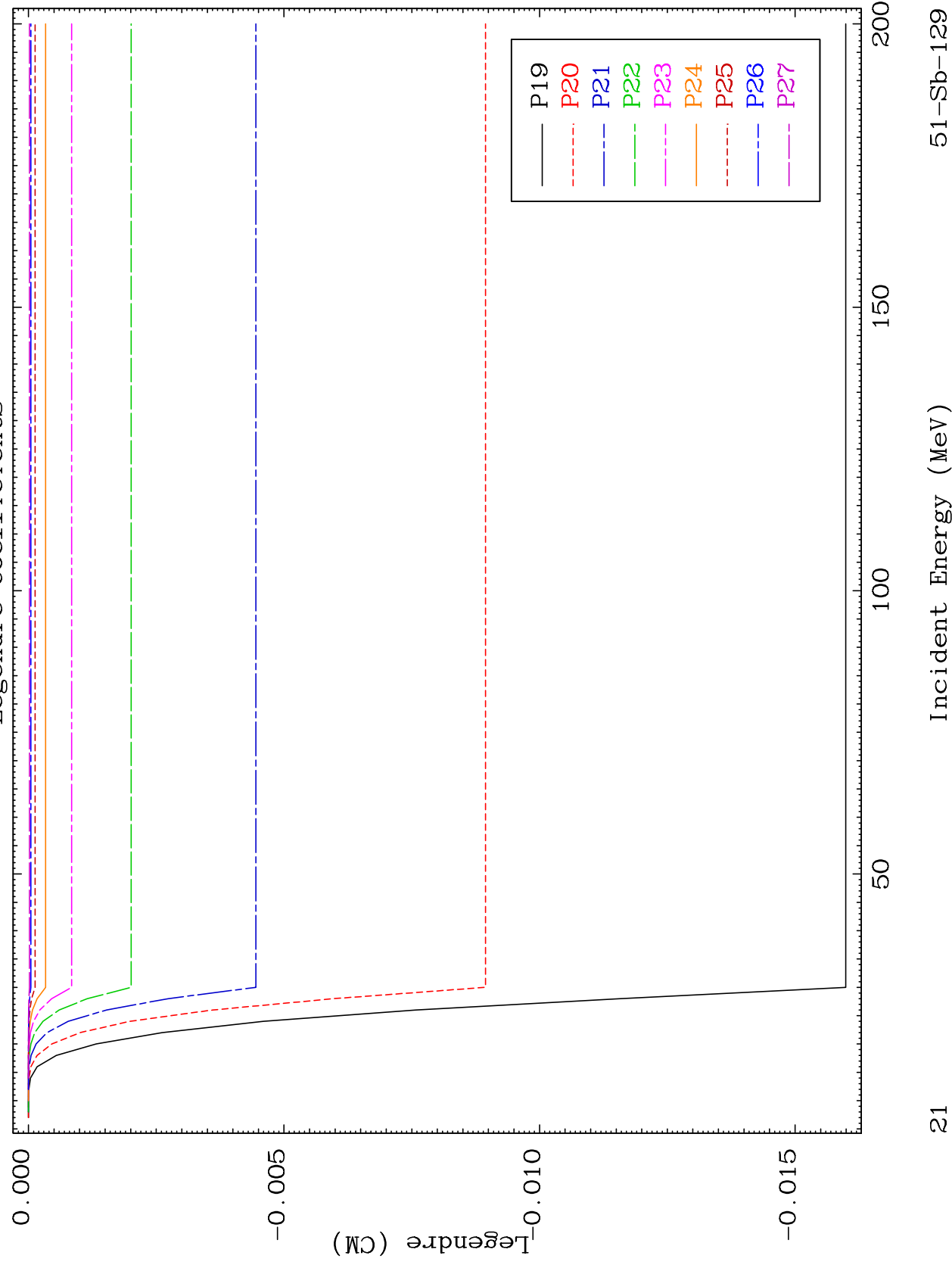
51-Sb-129

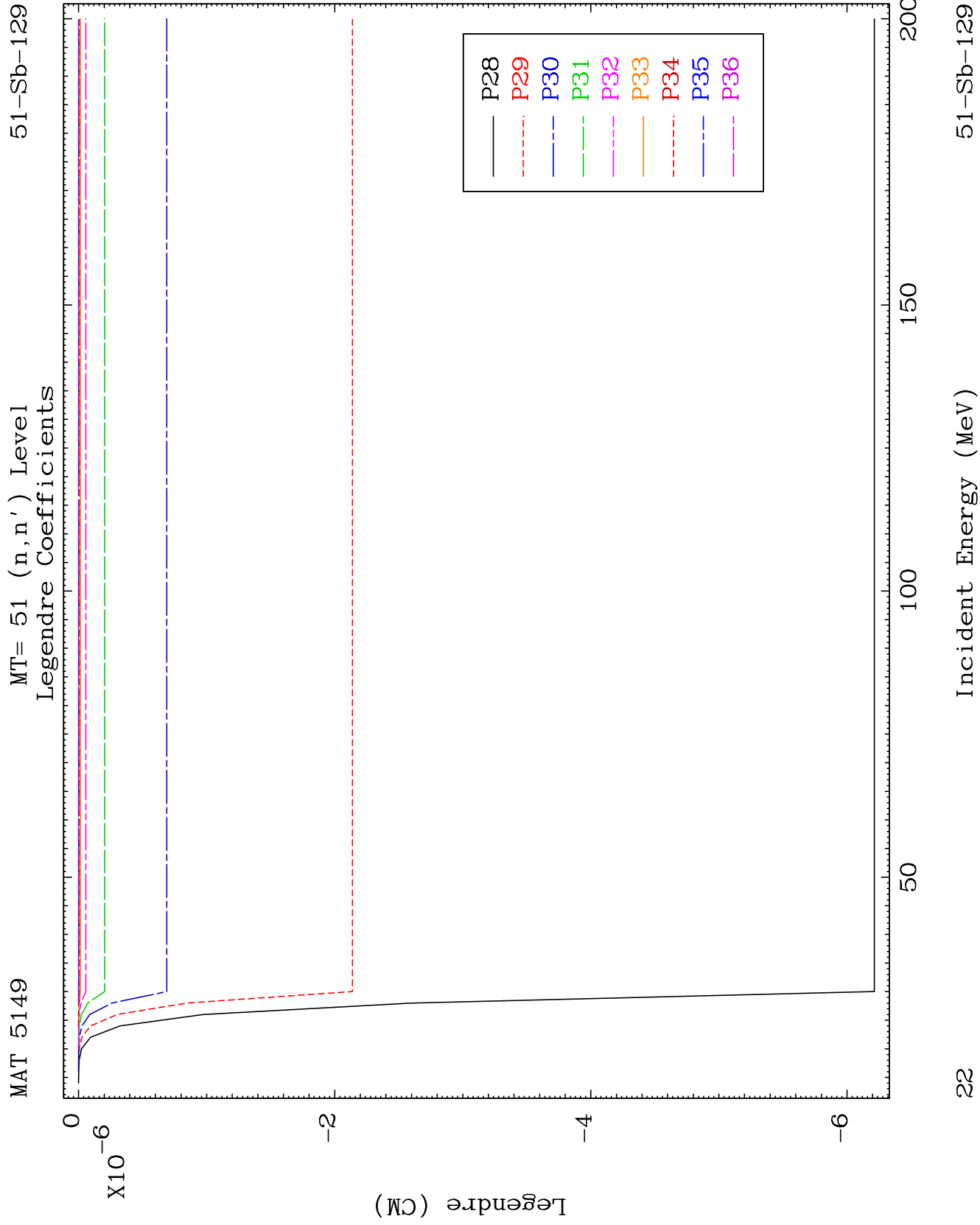


MAT 5149

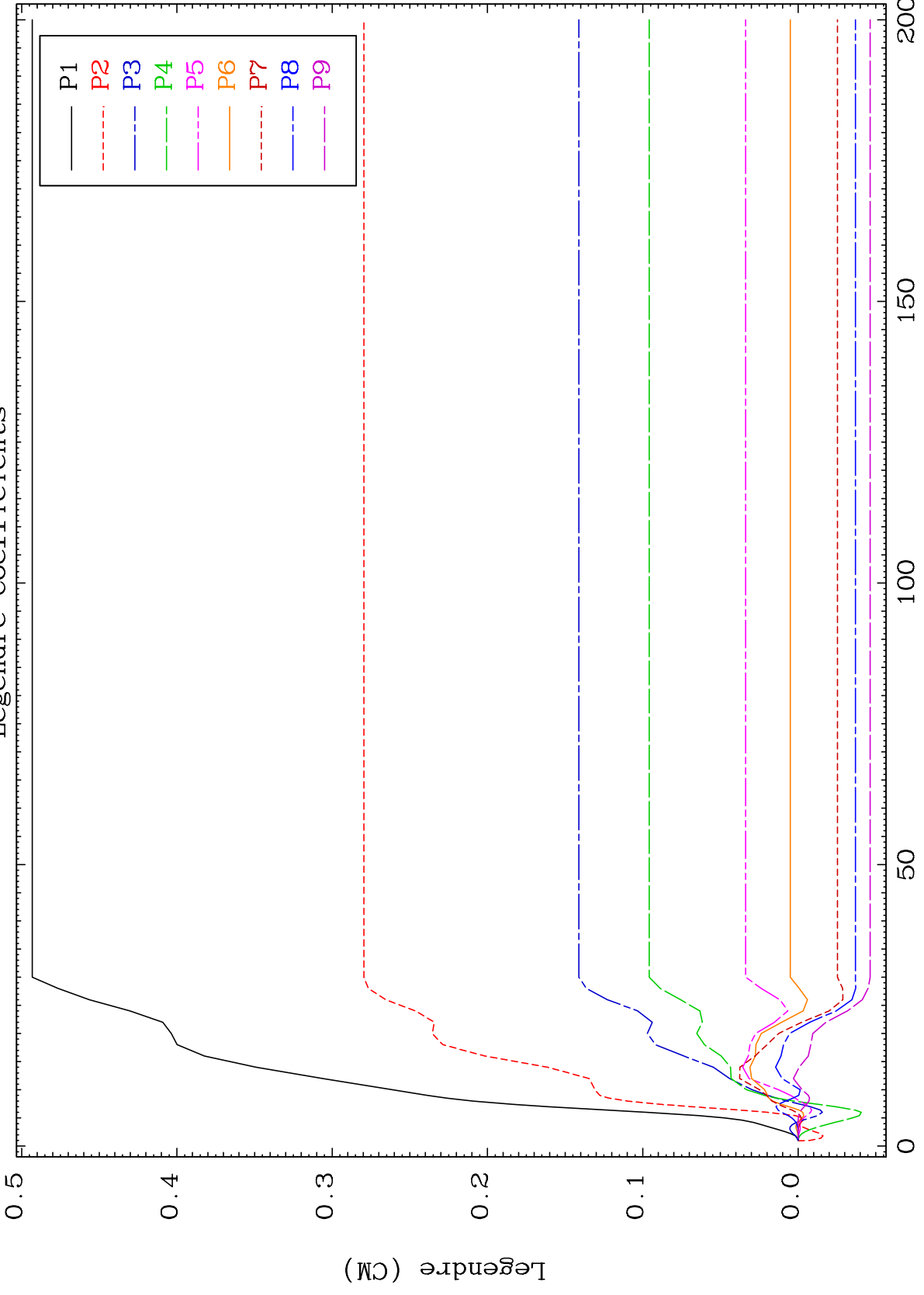
MT= 51 (n, n') Level
Legendre Coefficients

51-Sb-129





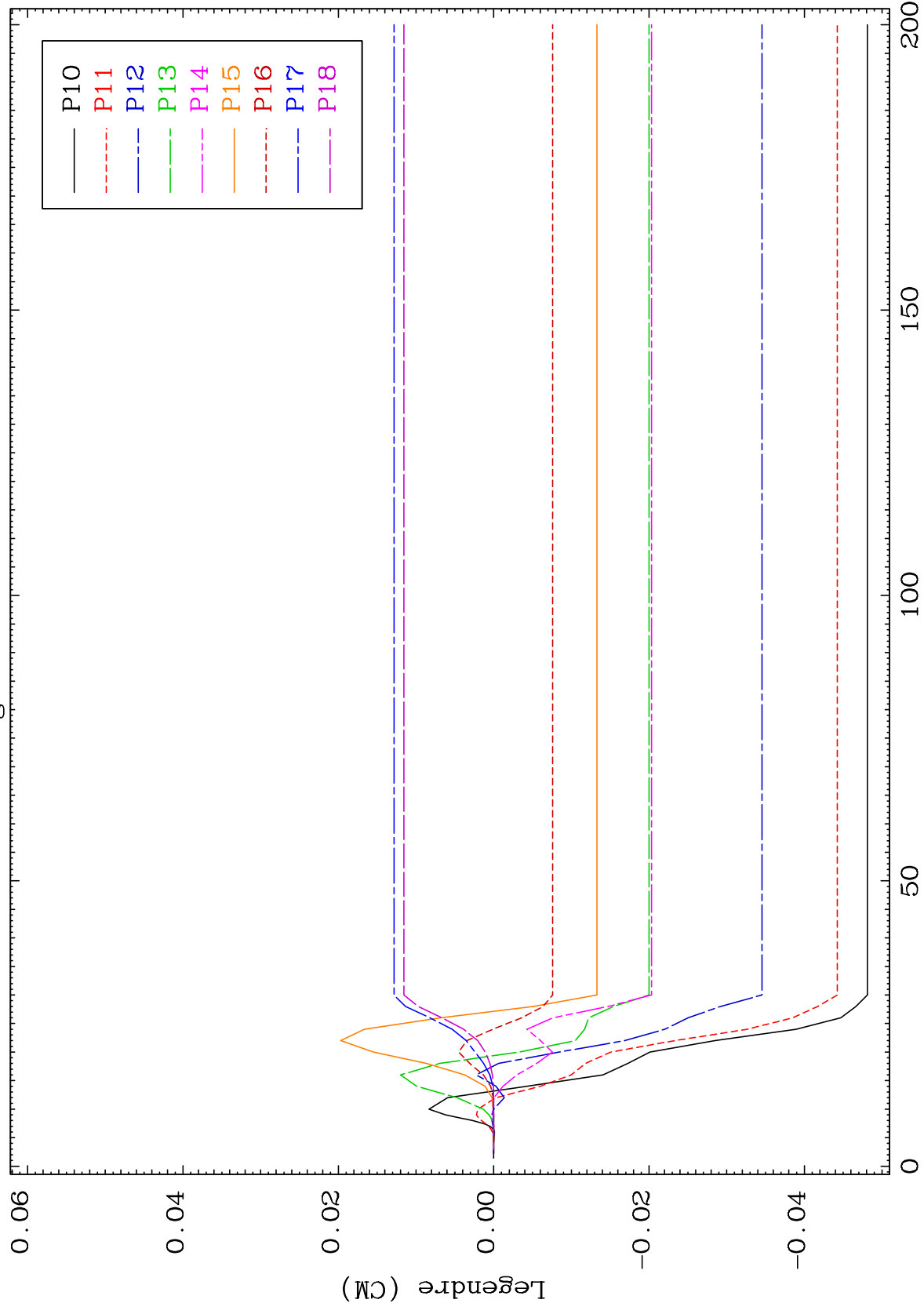
MAT 5149 MT= 52 (n,n') Level 51-Sb-129
Legendre Coefficients



MAT 5149

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

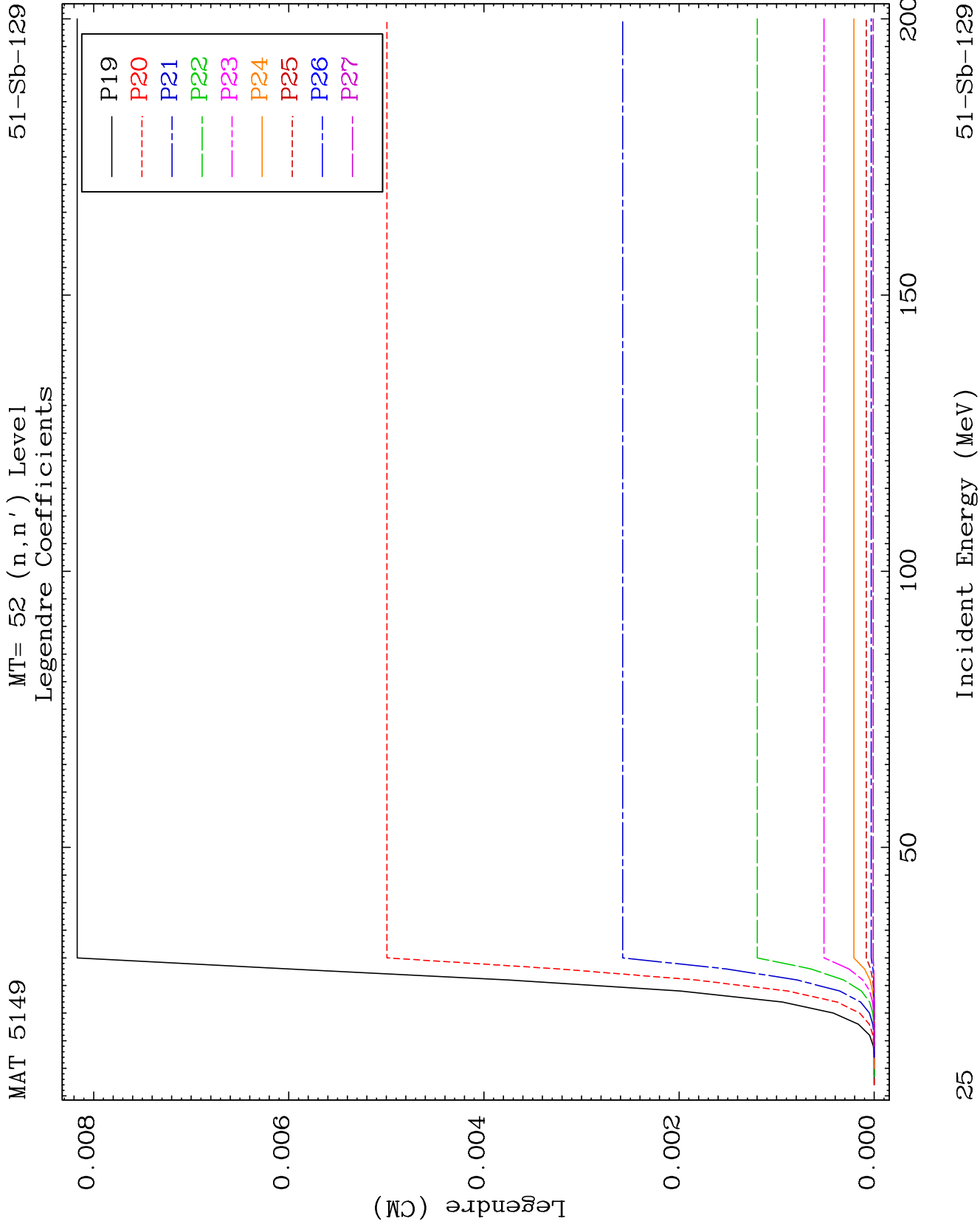
51-Sb-129

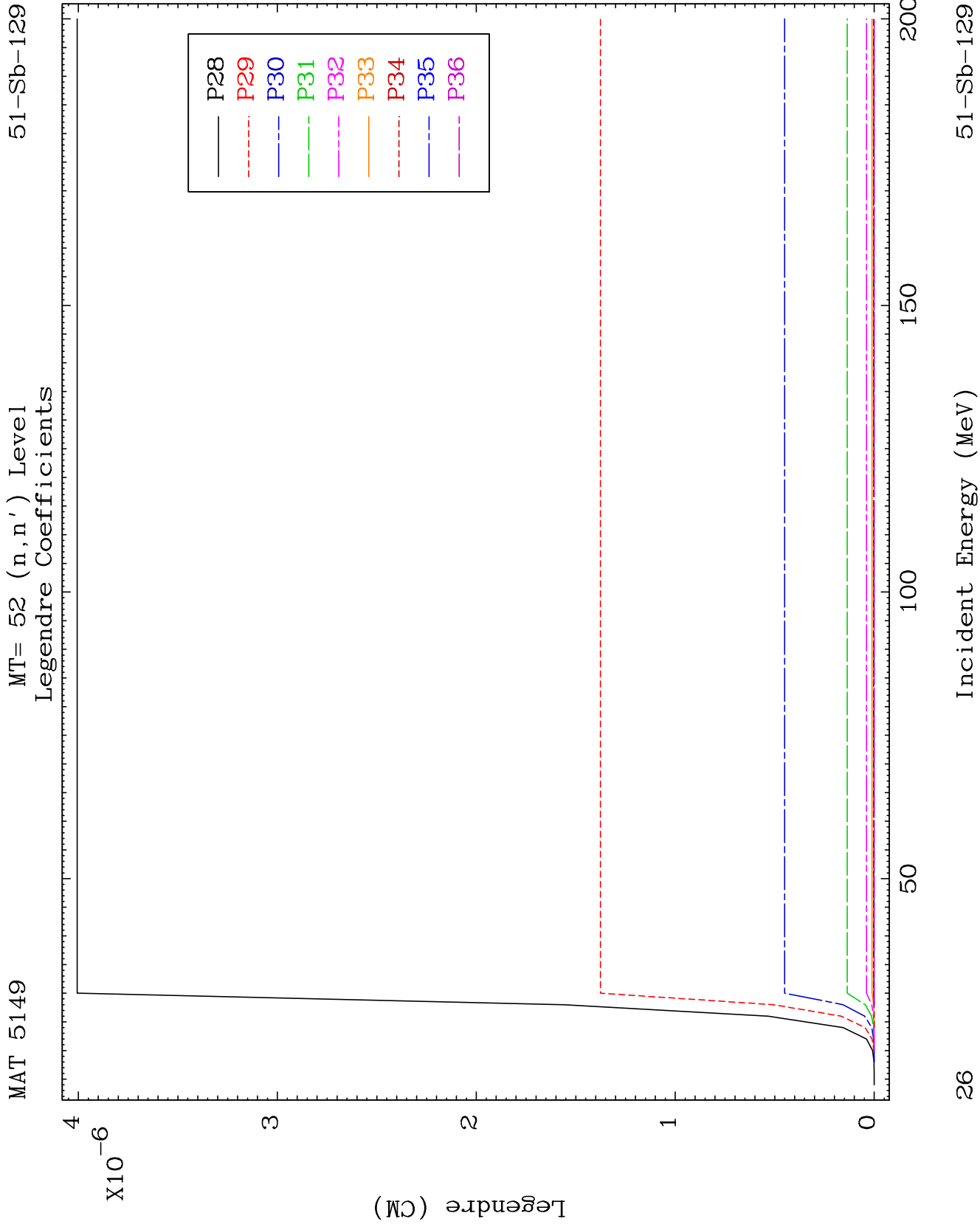


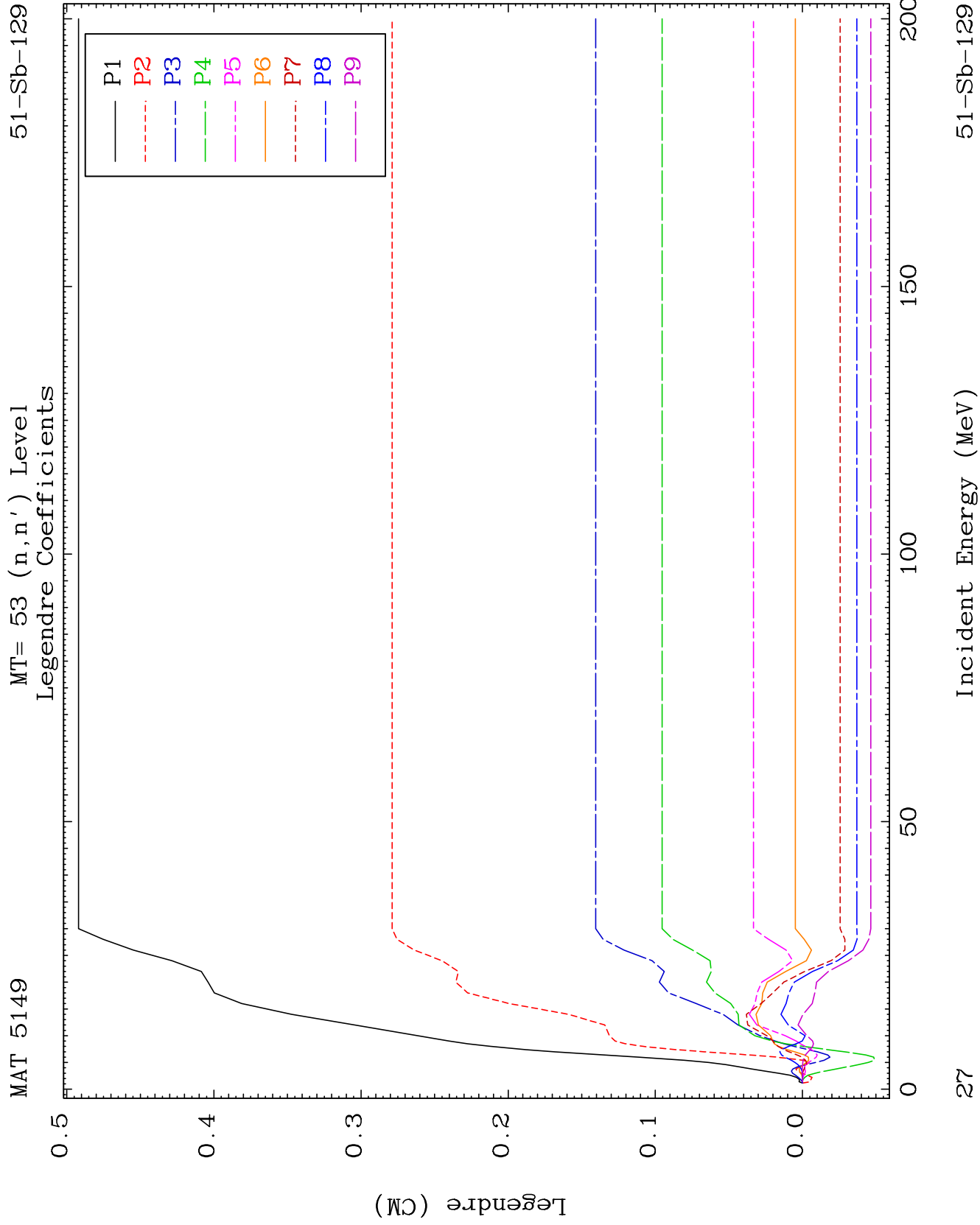
24

Incident Energy (MeV)

51-Sb-129

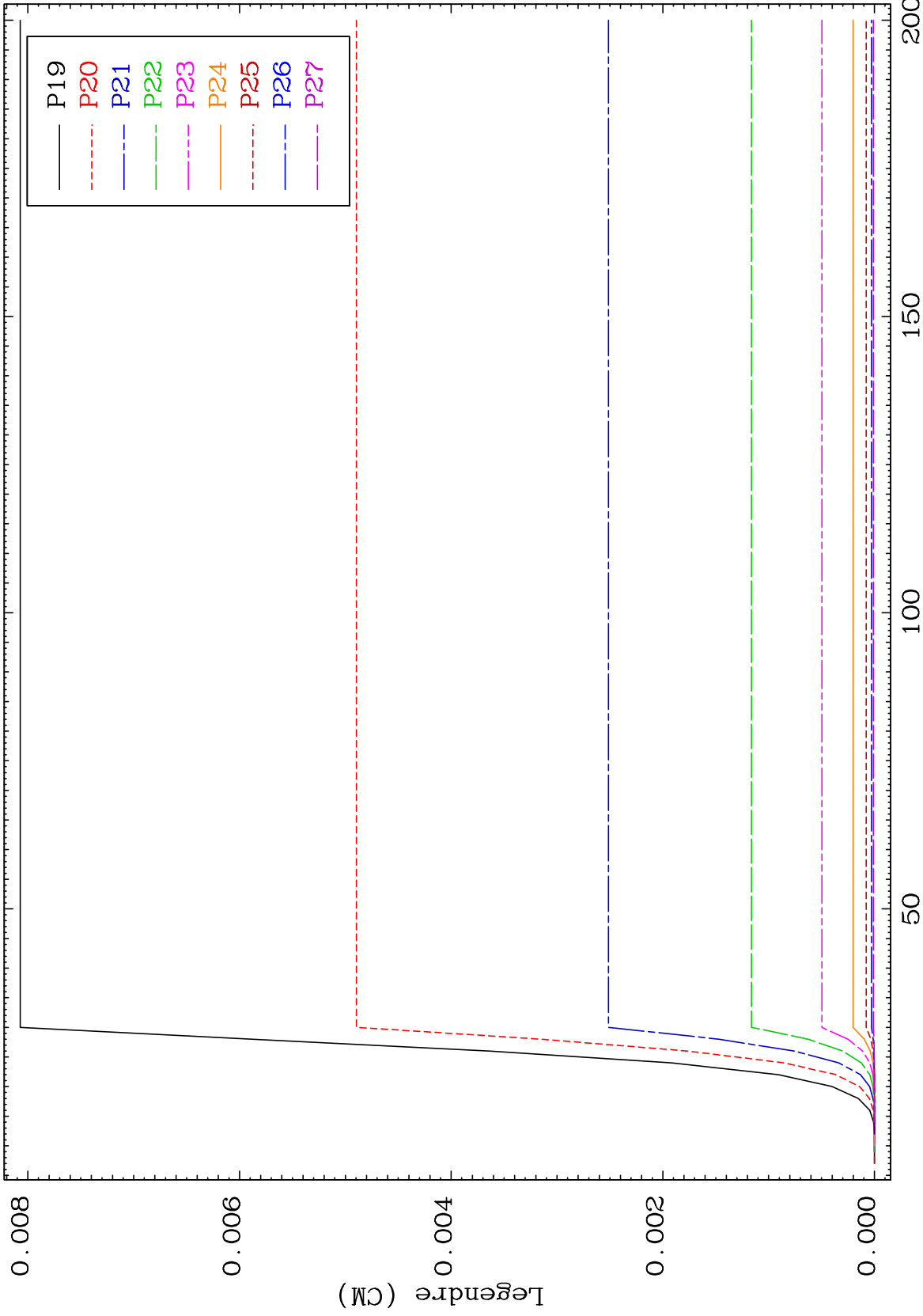






MAT 5149 MT= 53 (n,n') Level Legendre Coefficients

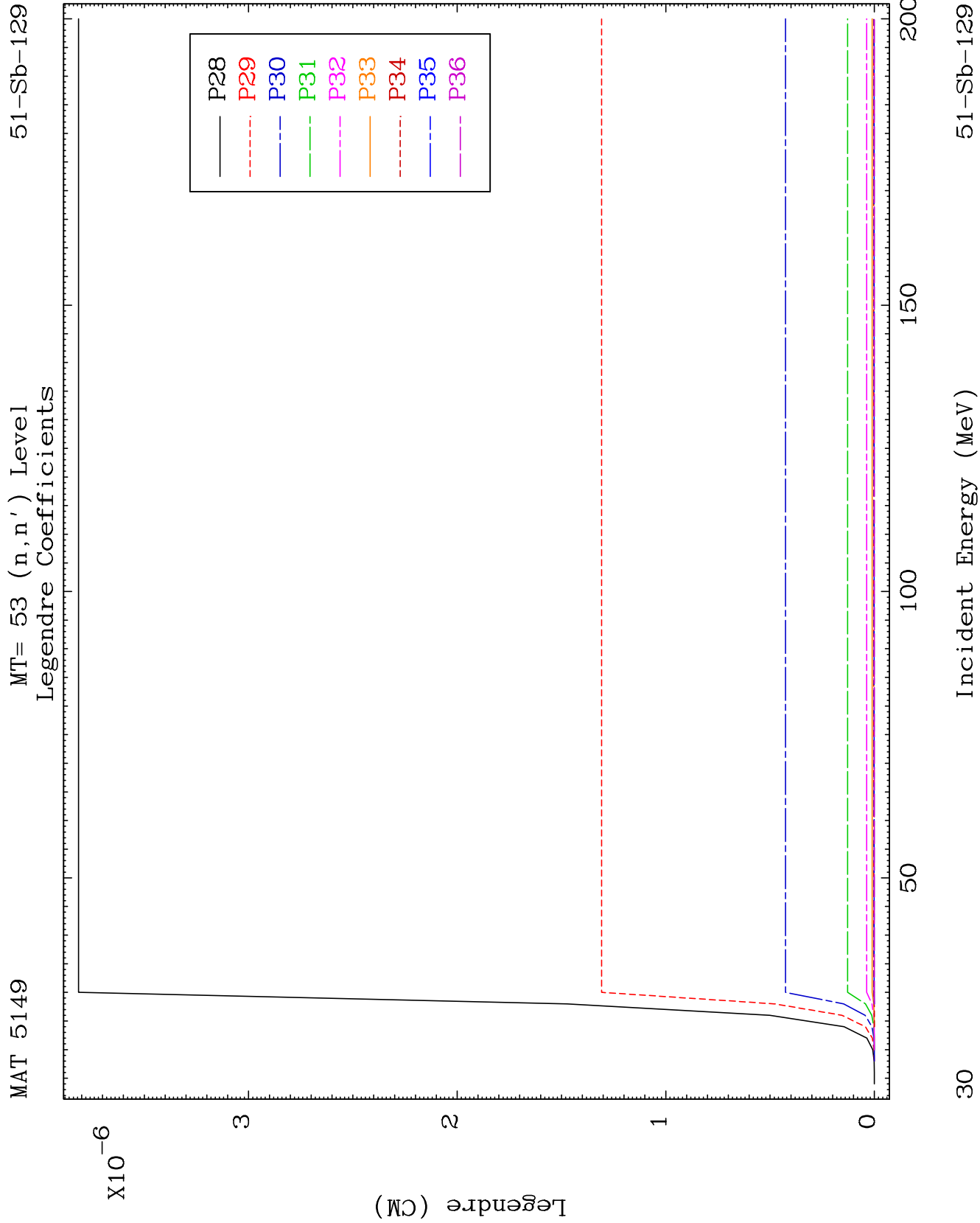
51-Sb-129



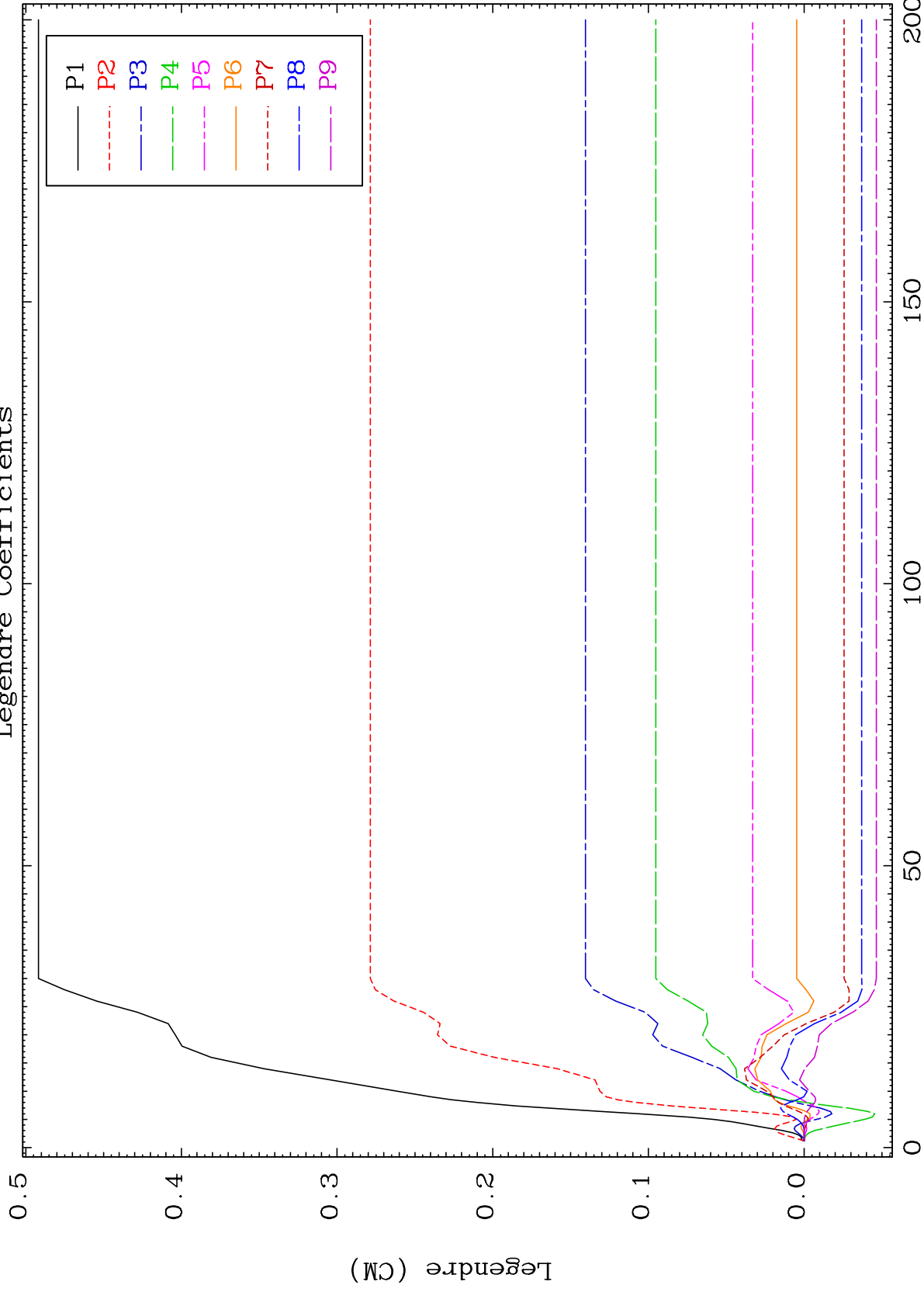
51-Sb-129

Incident Energy (MeV)

29



MAT 5149 MT= 54 (n,n') Level Legendre Coefficients 51-Sb-129

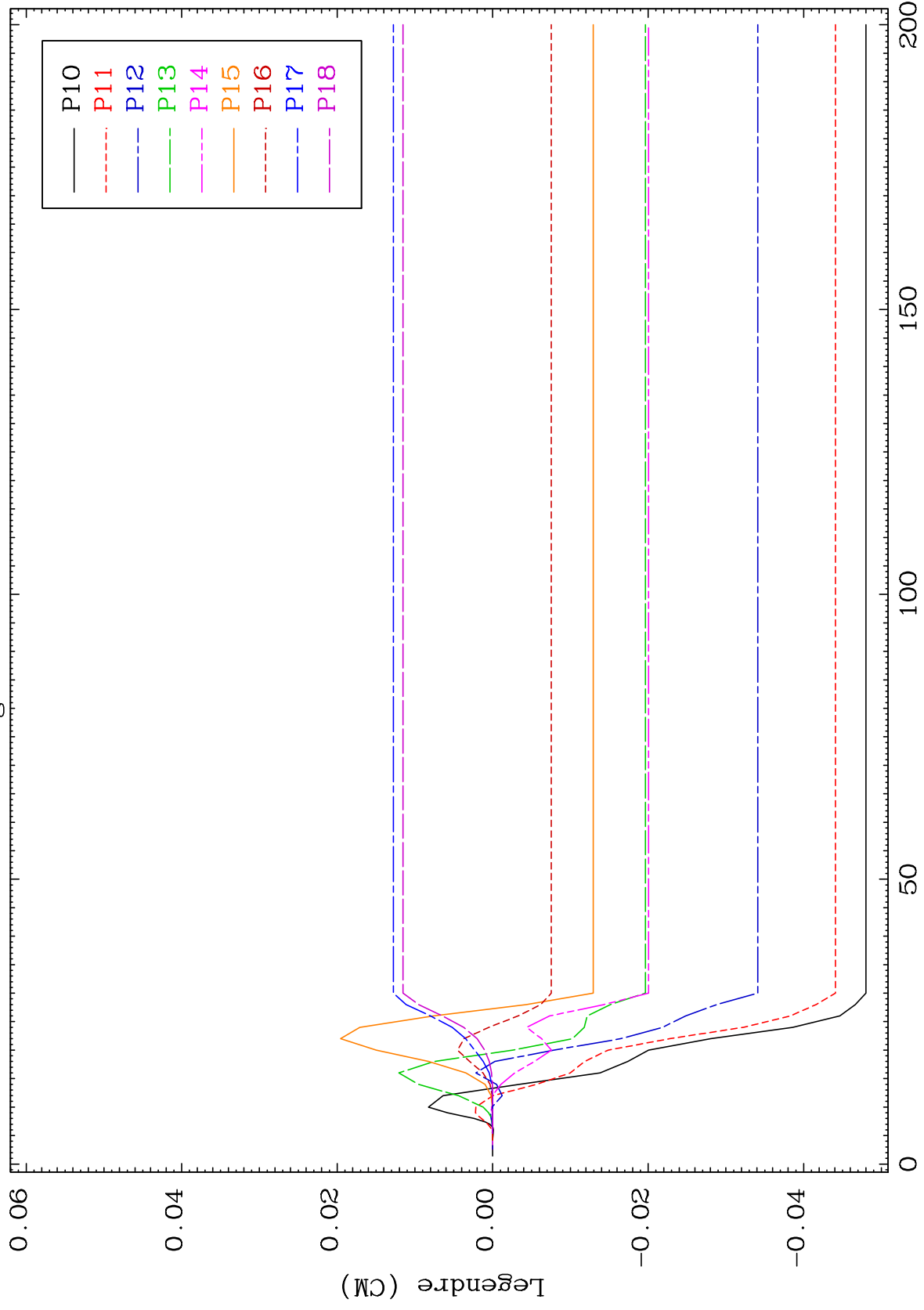


31 Incident Energy (MeV) 51-Sb-129

MAT 5149

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

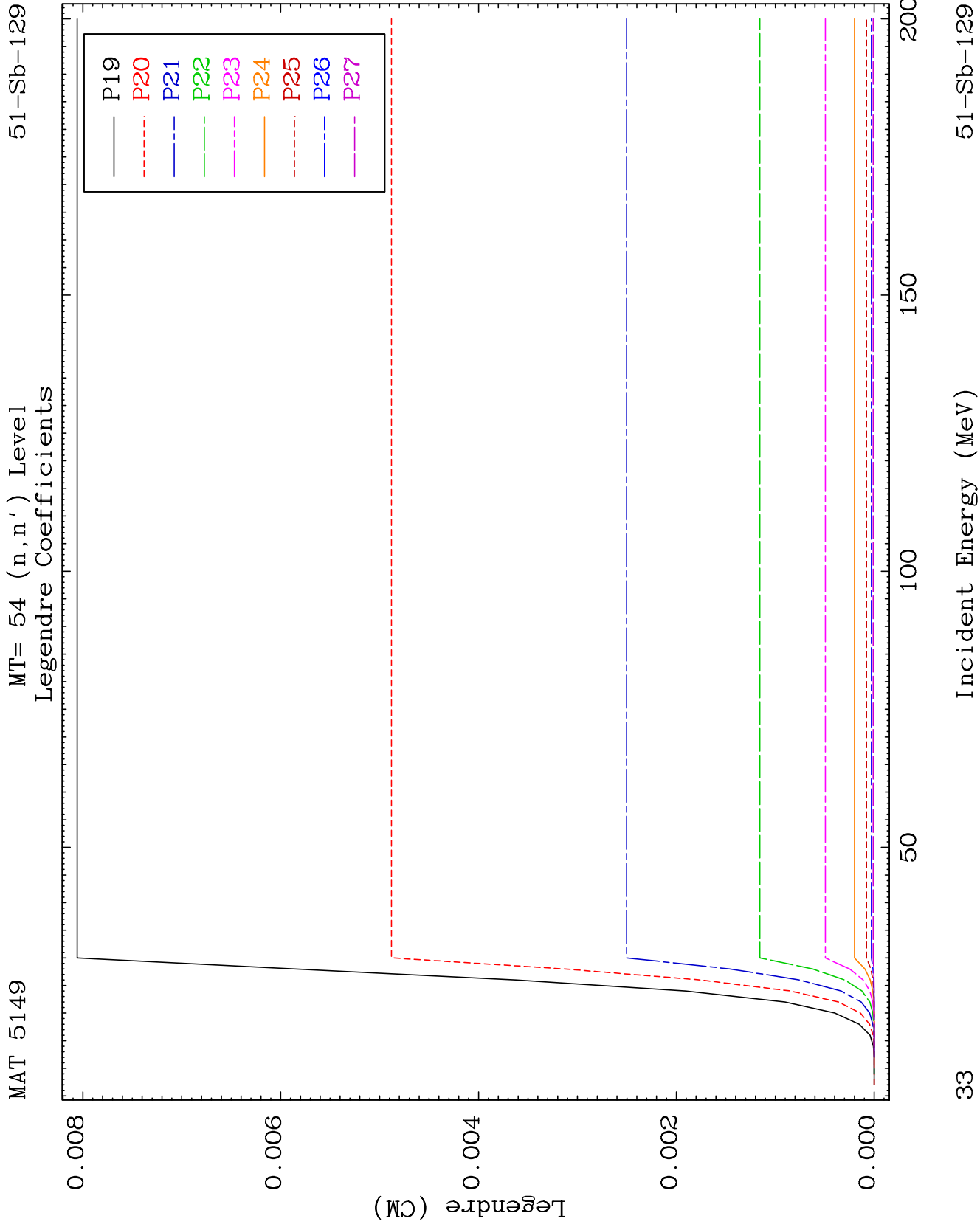
51-Sb-129



32

Incident Energy (MeV)

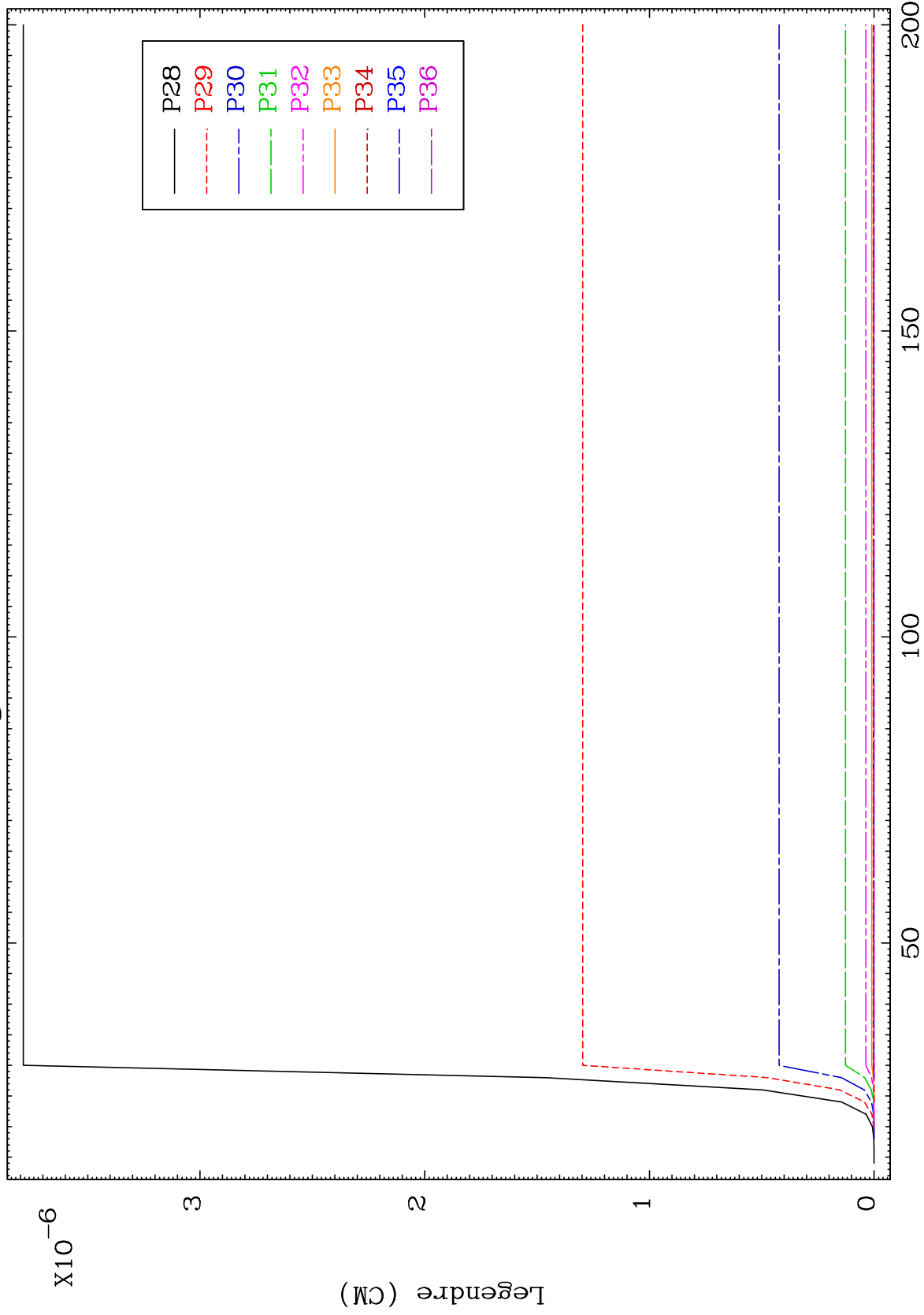
51-Sb-129



MAT 5149

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

51-Sb-129



34

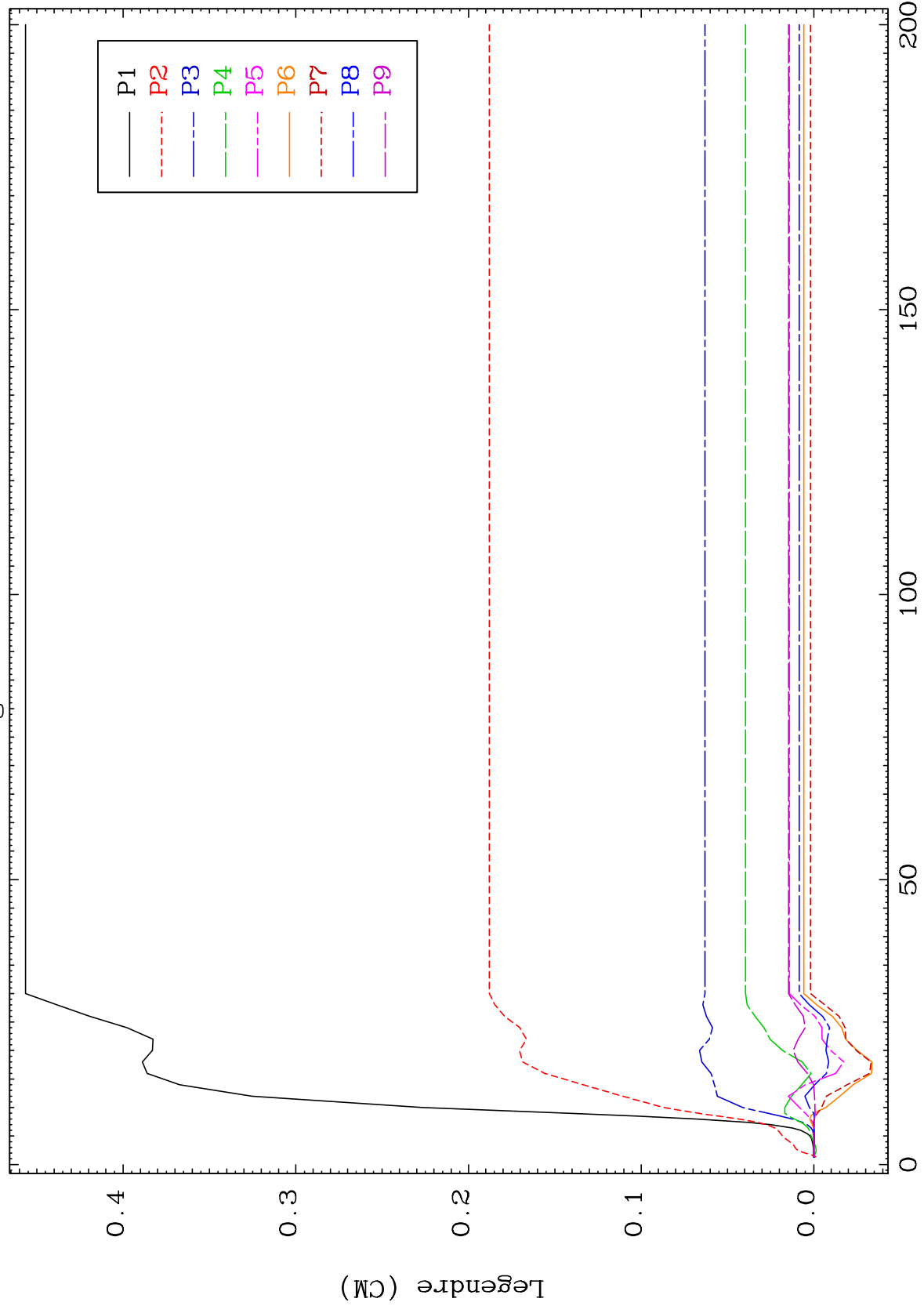
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

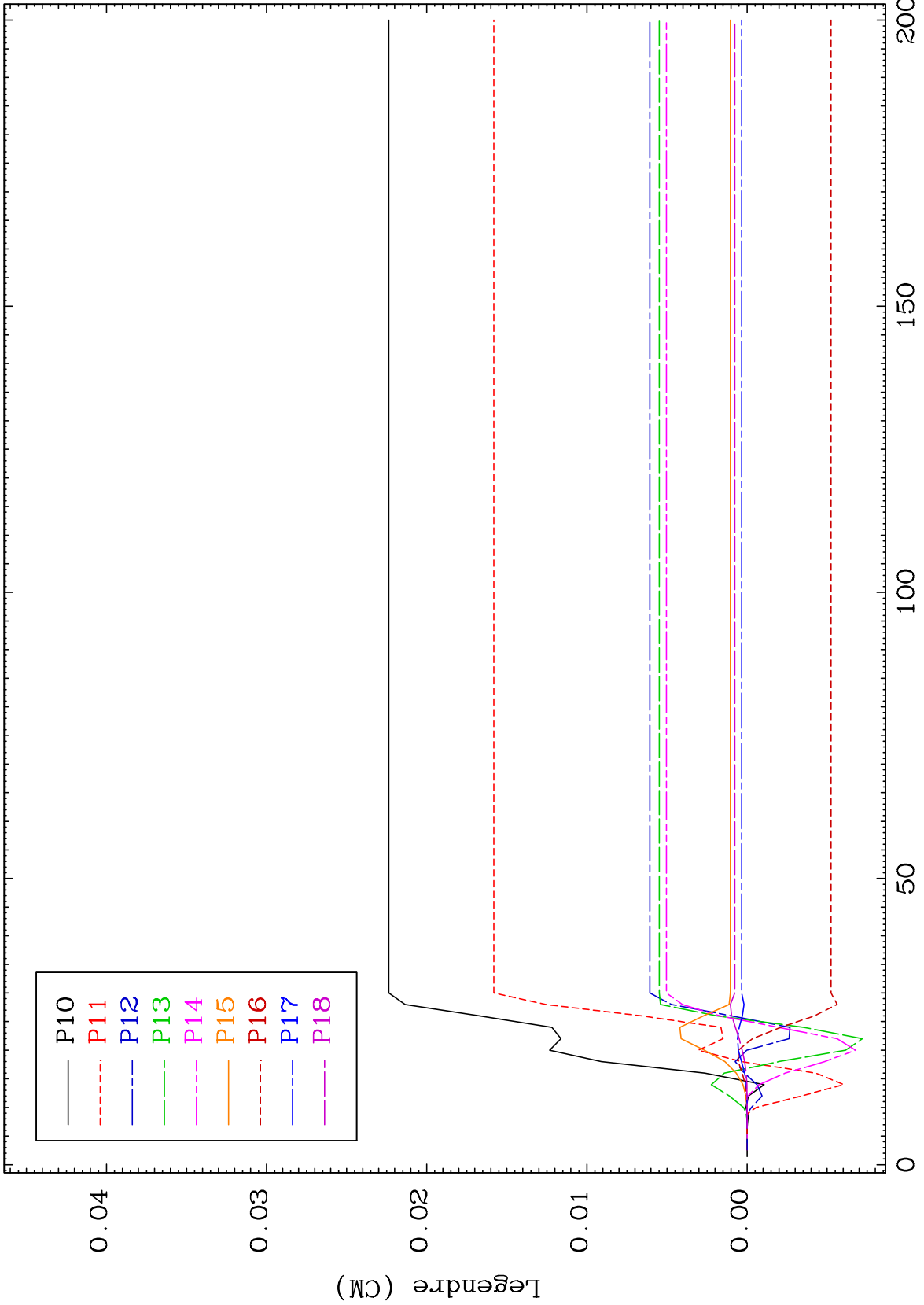
51-Sb-129

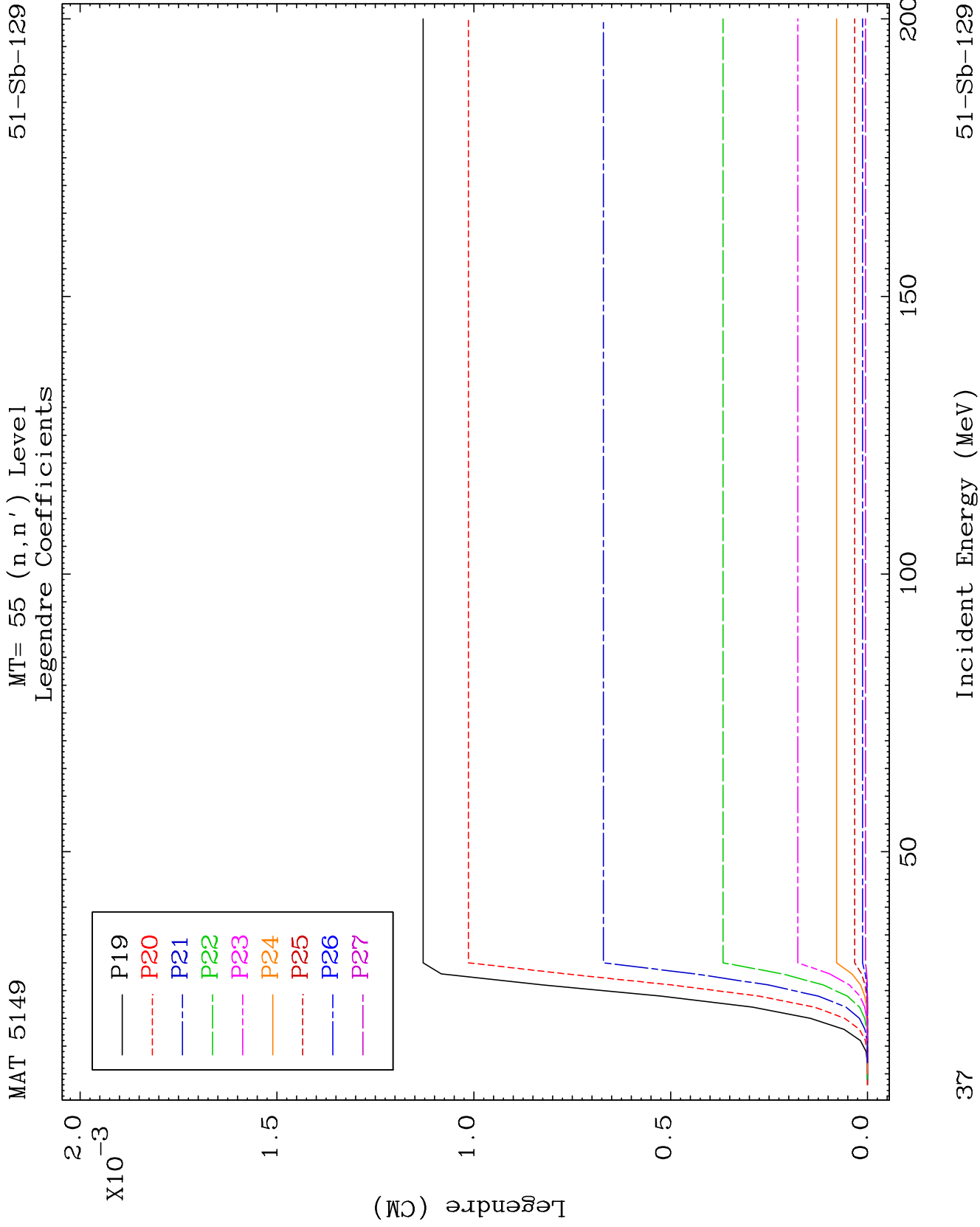


35

Incident Energy (MeV)

51-Sb-129

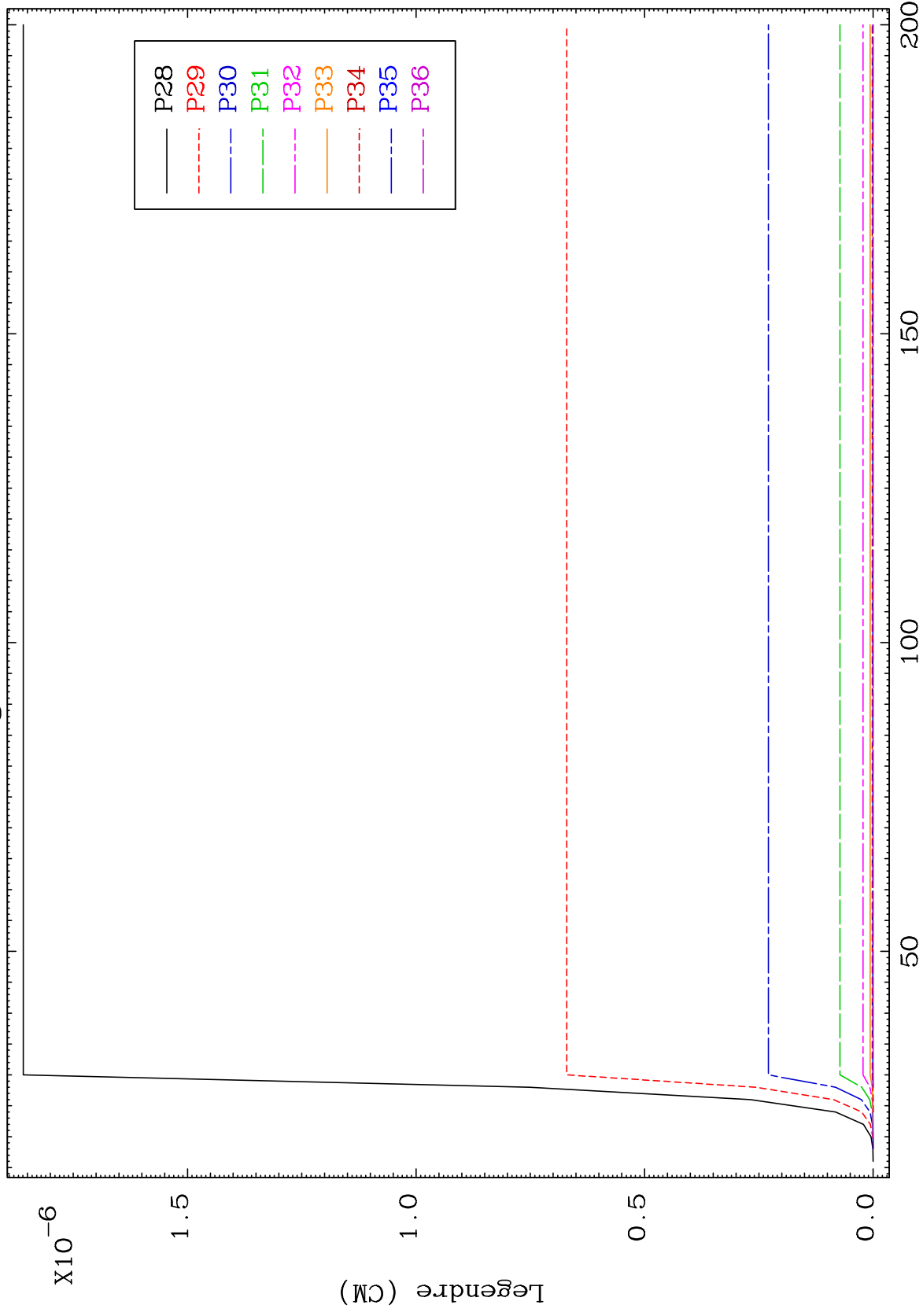




MAT 5149

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

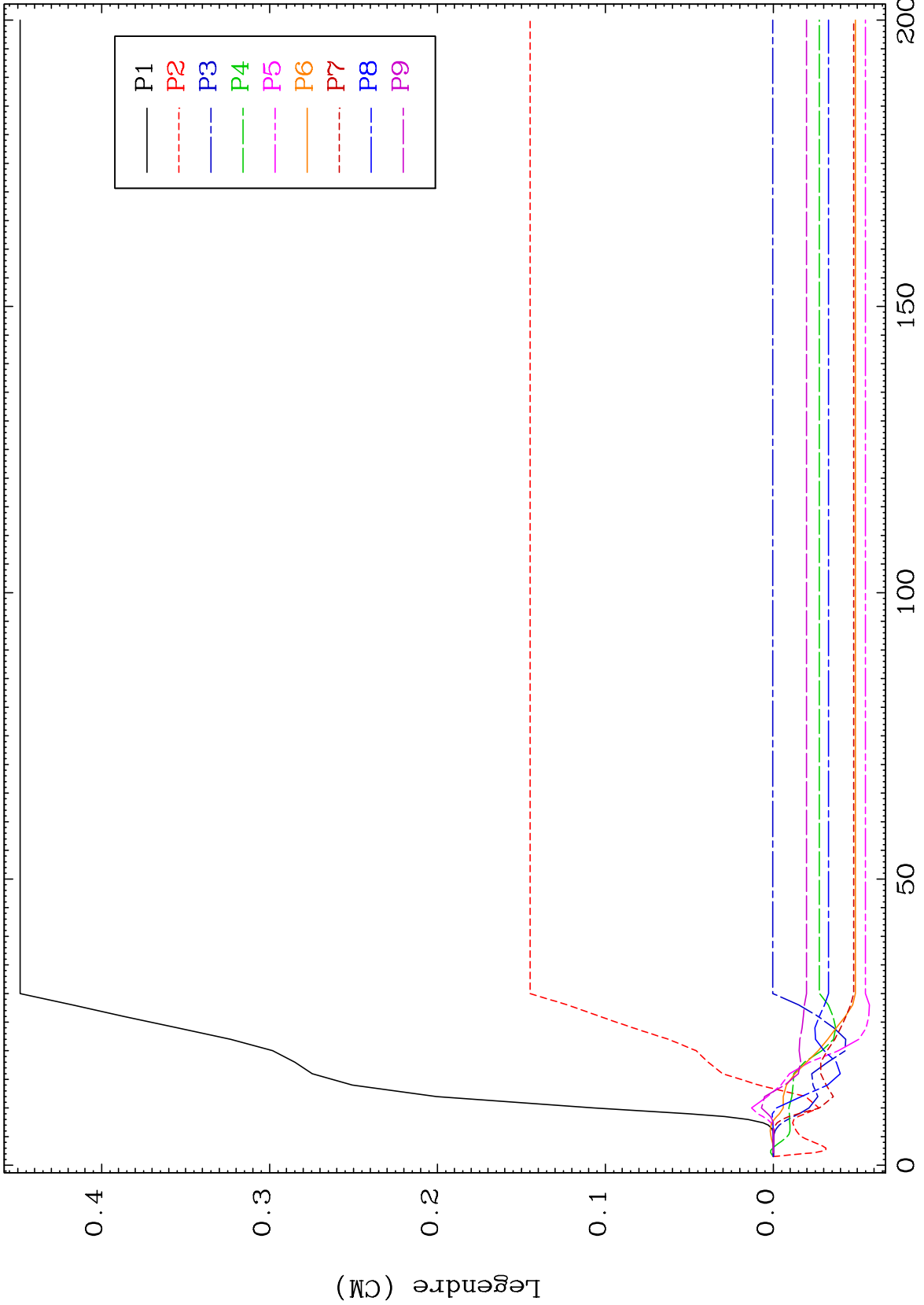
51-Sb-129



38

Incident Energy (MeV)

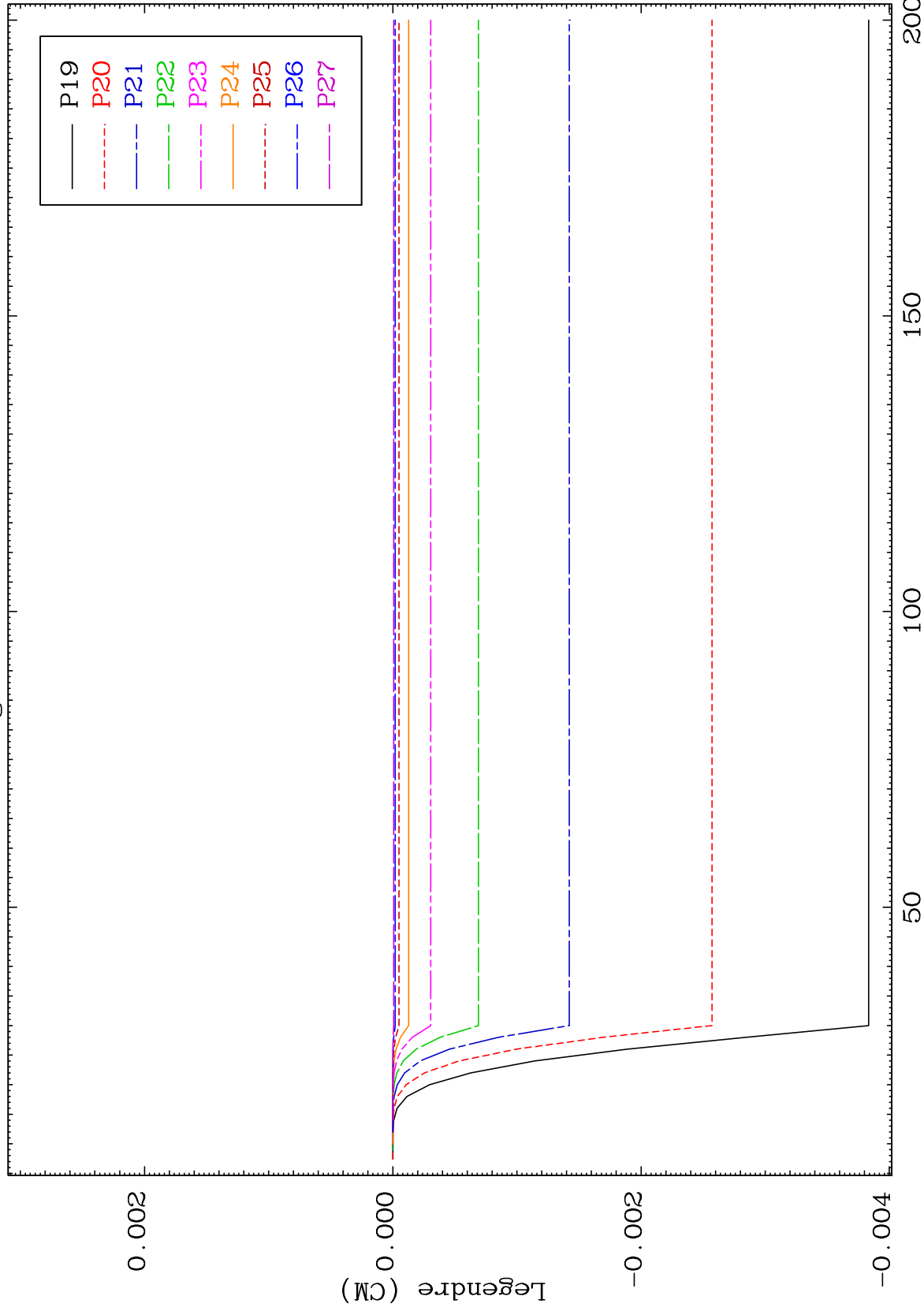
51-Sb-129



MAT 5149

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

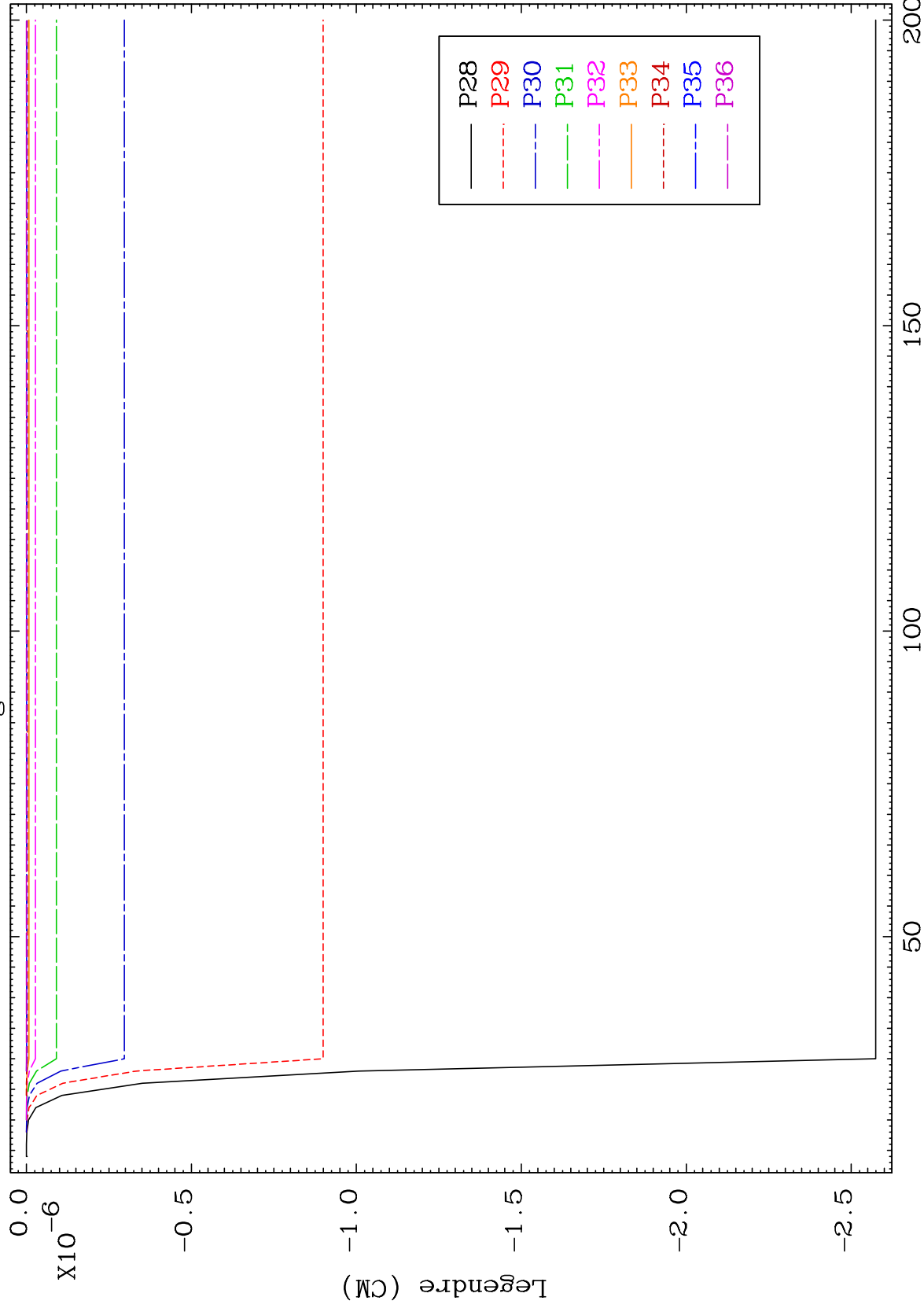
51-Sb-129



41

Incident Energy (MeV)

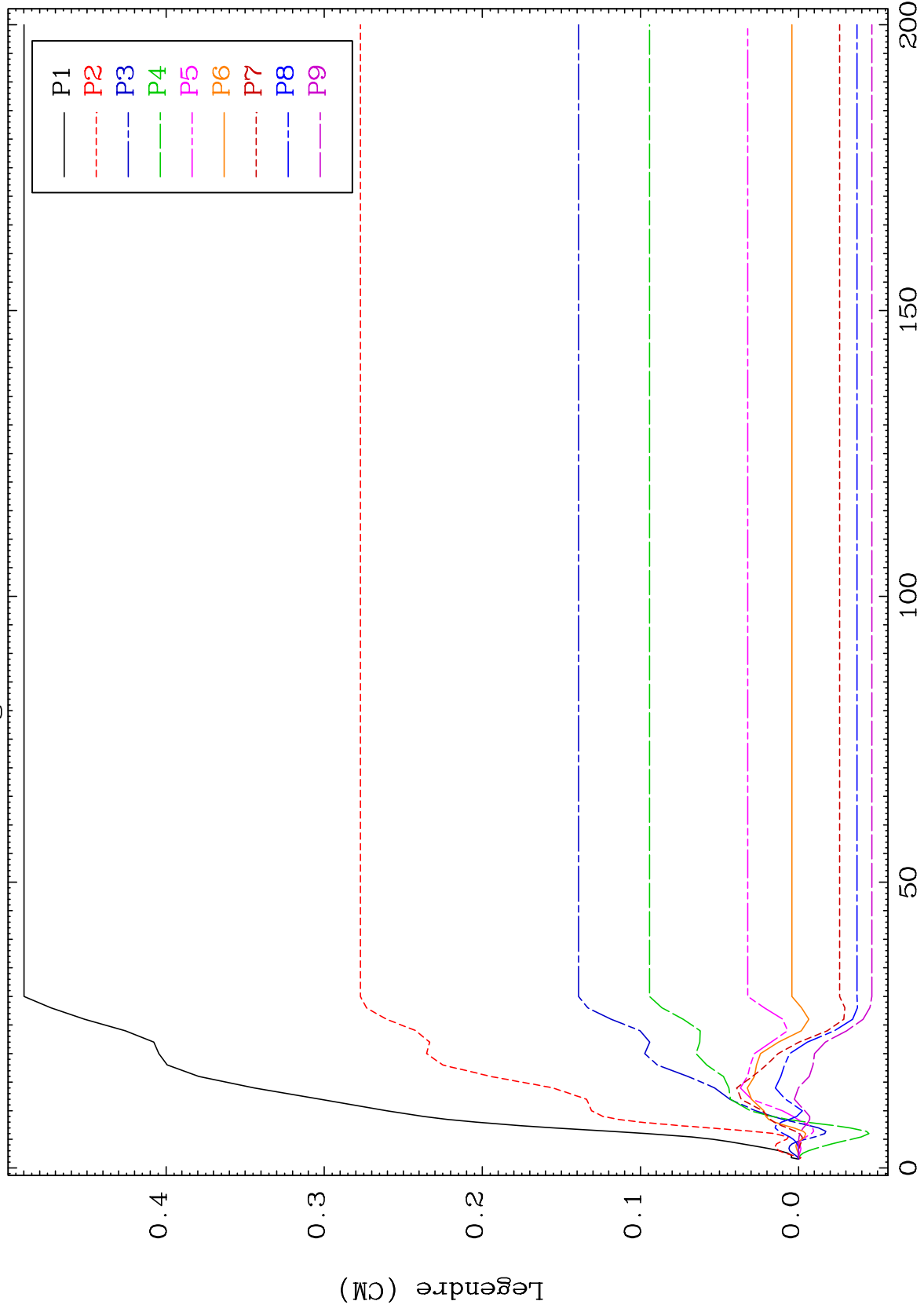
51-Sb-129



MAT 5149

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

51-Sb-129



43

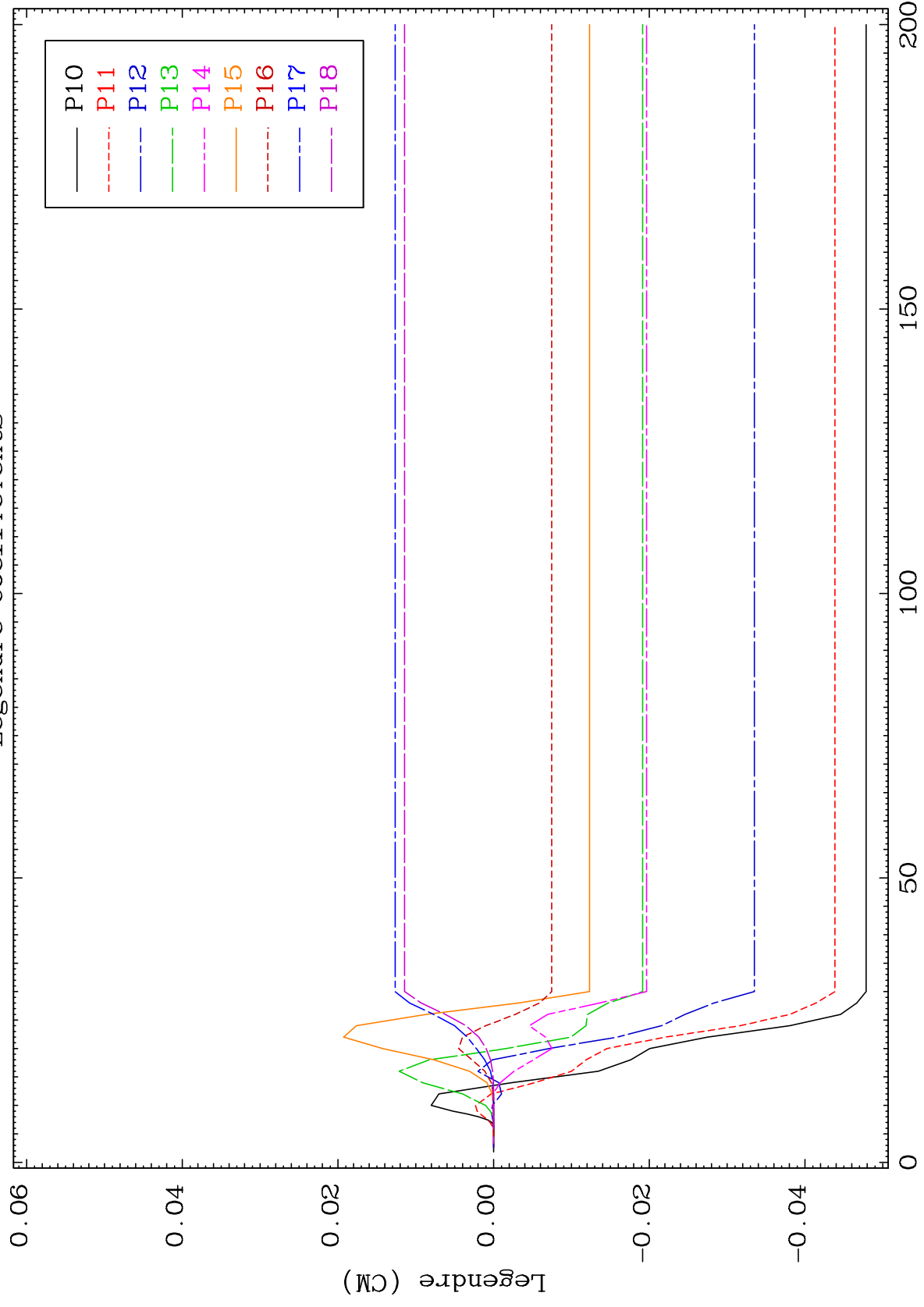
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

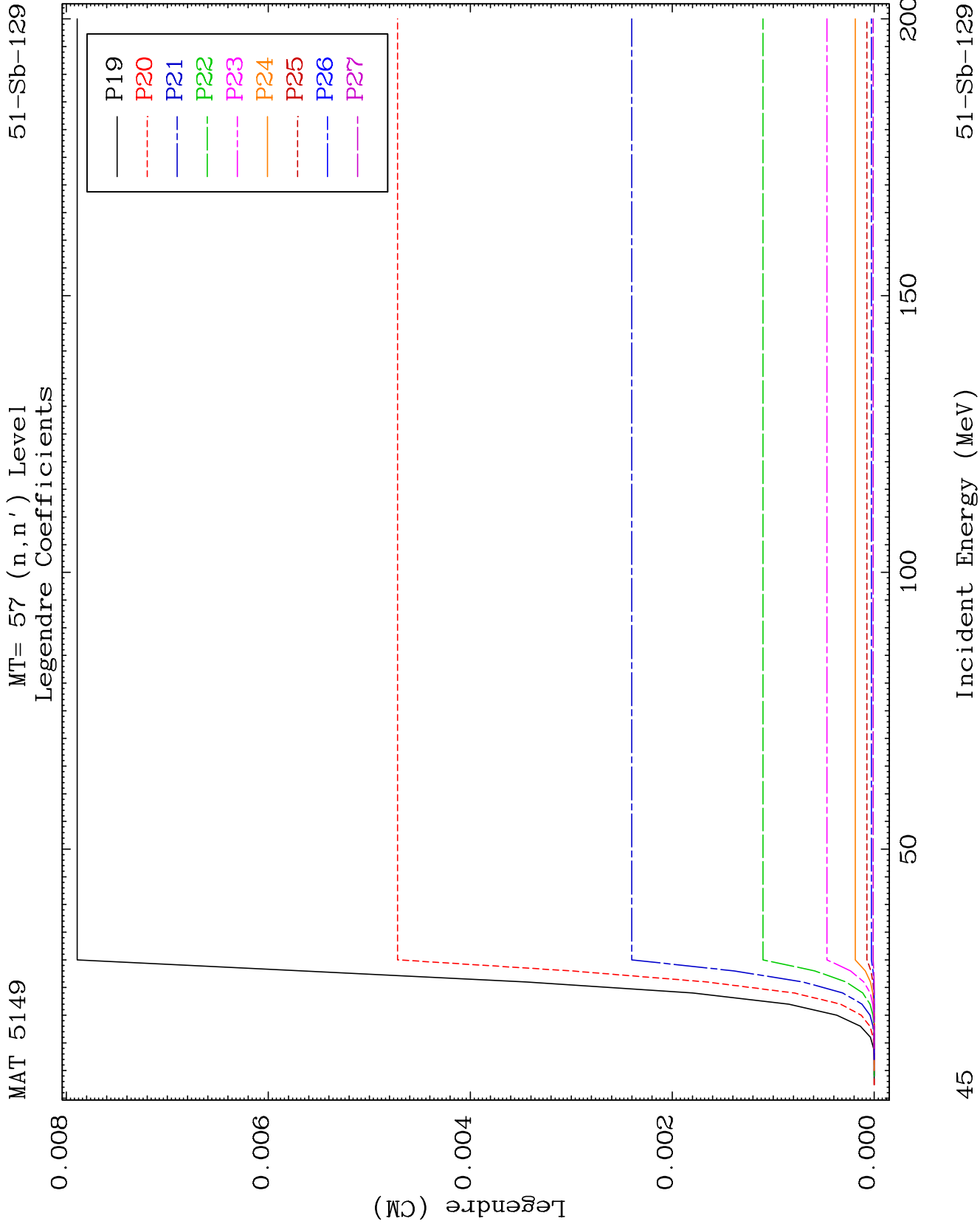
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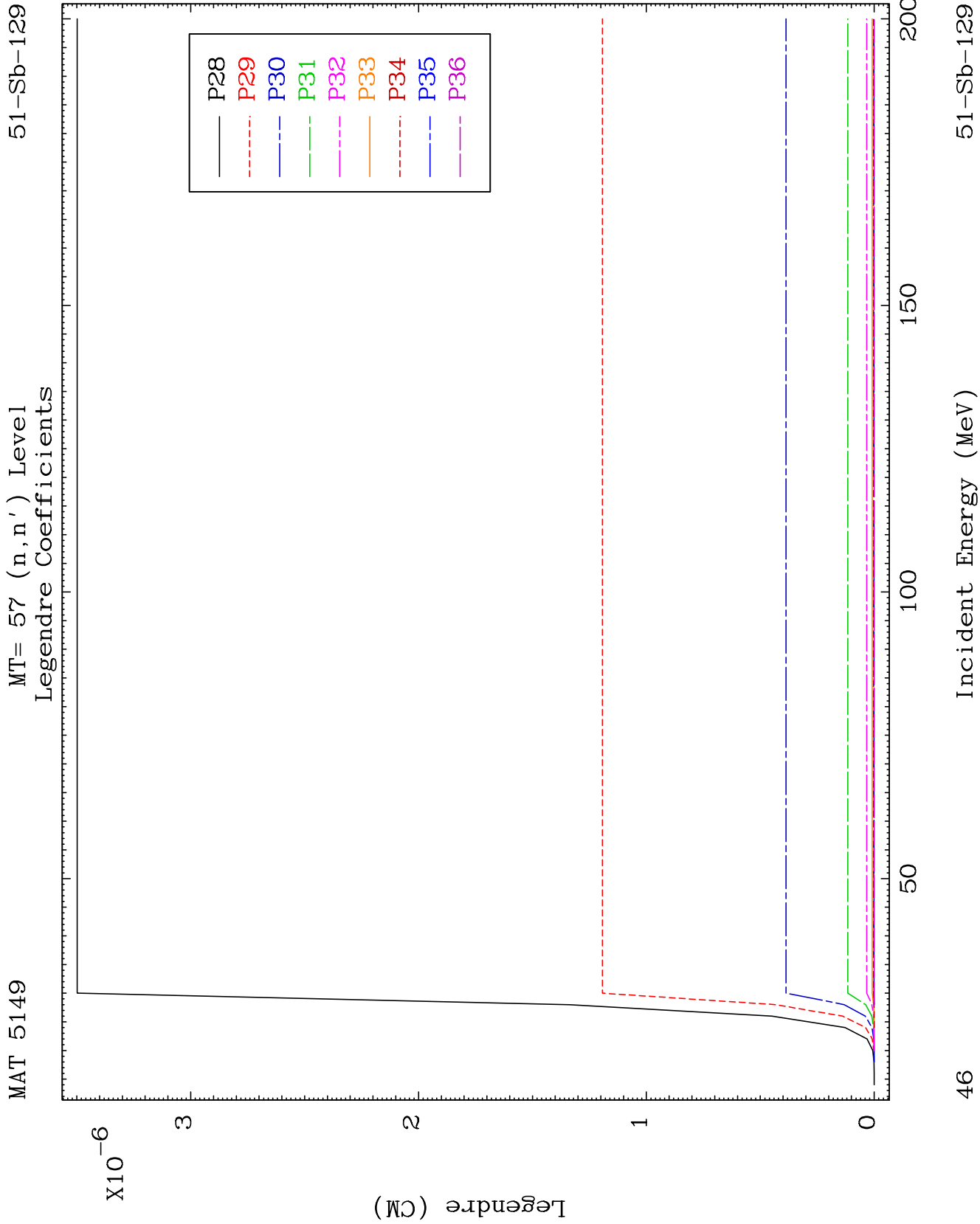


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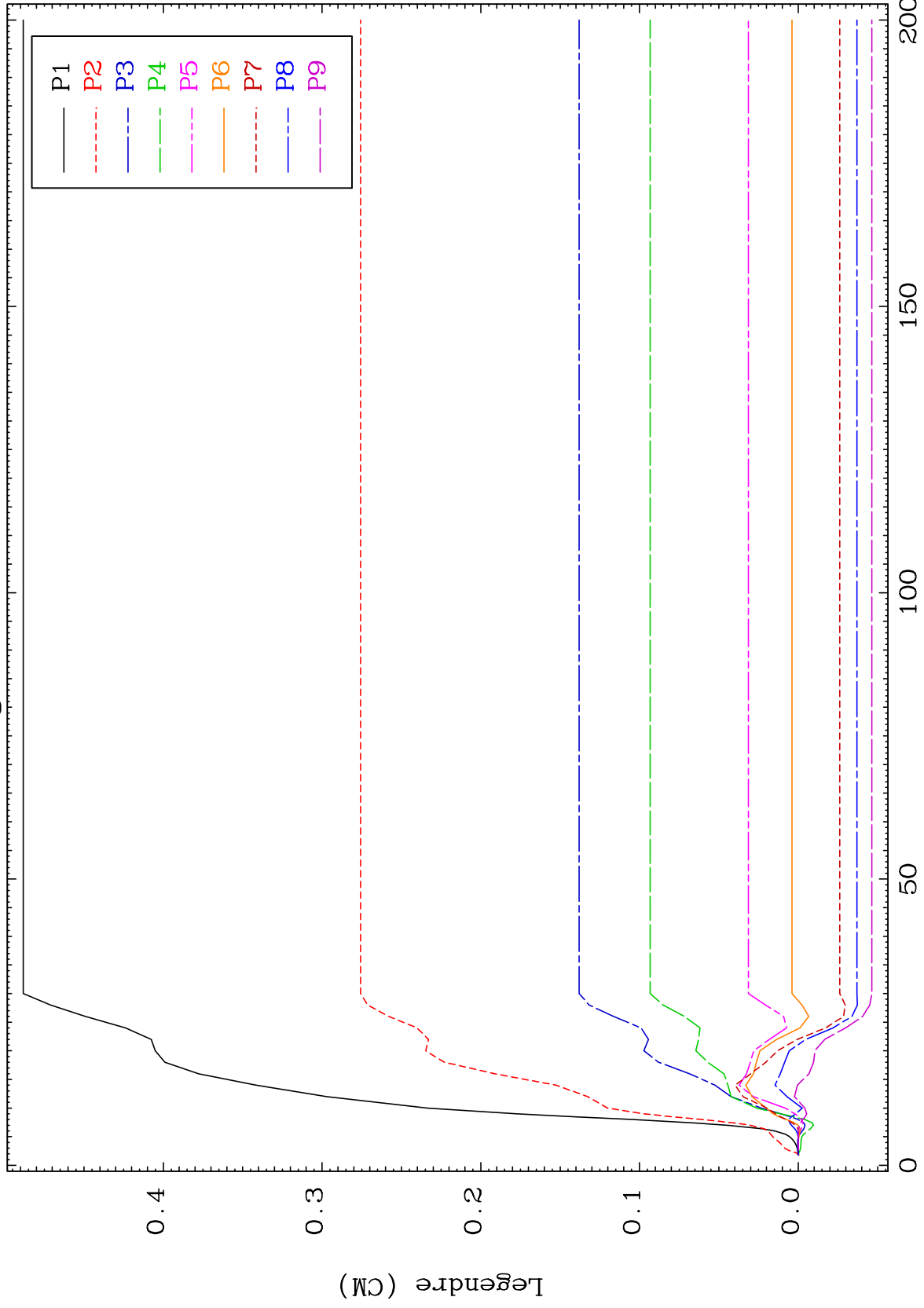
Incident Energy (MeV)

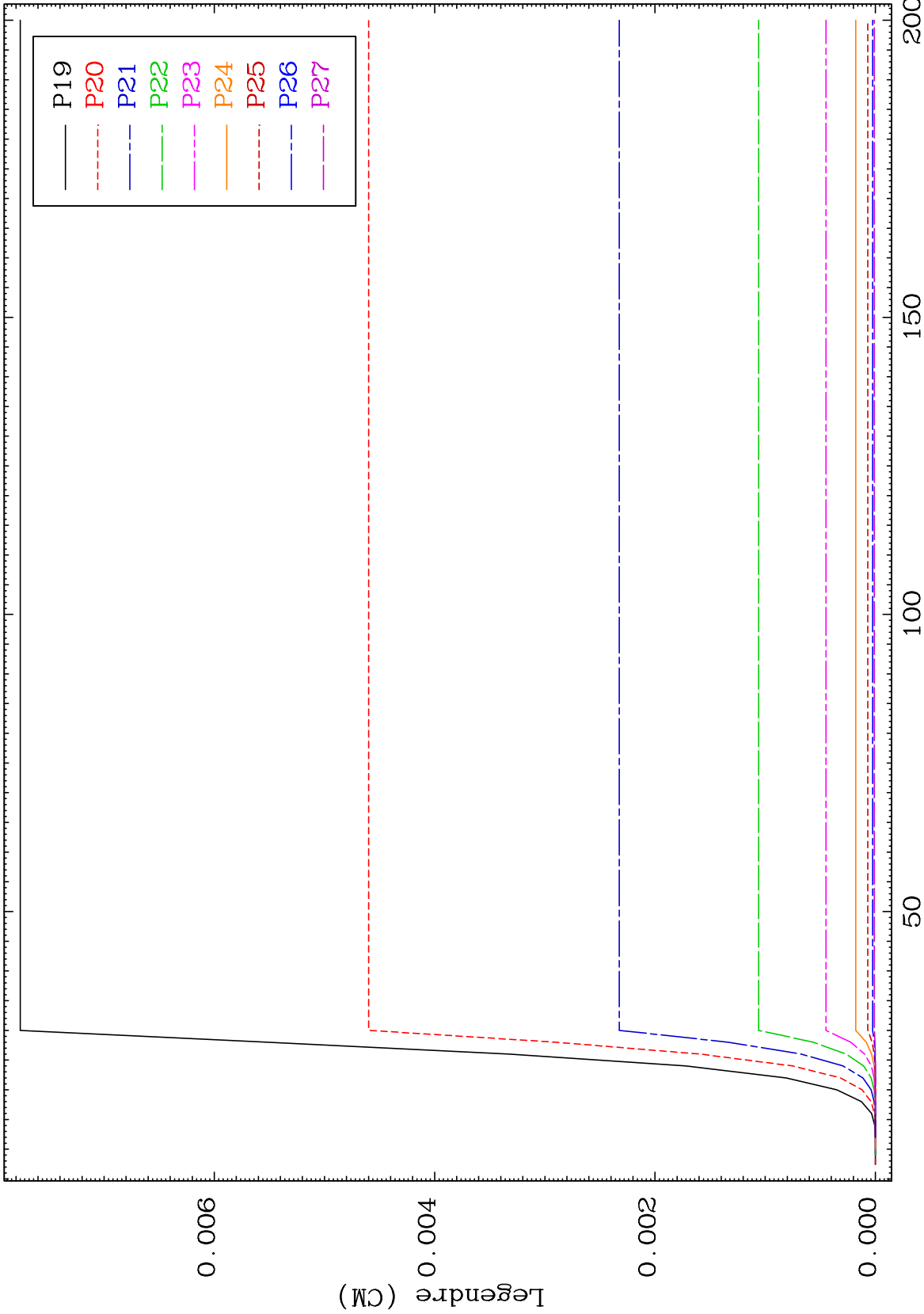
51-Sb-129

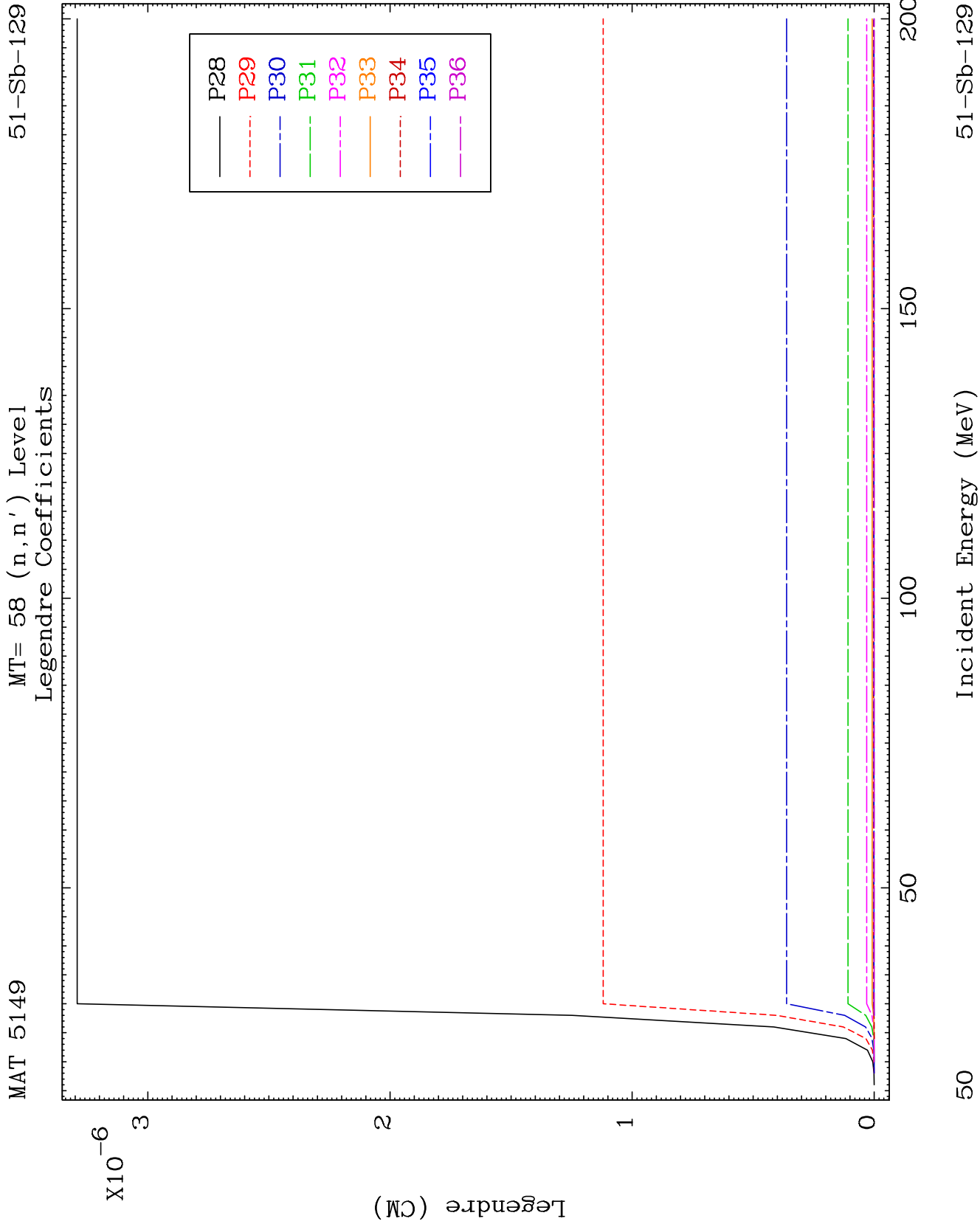


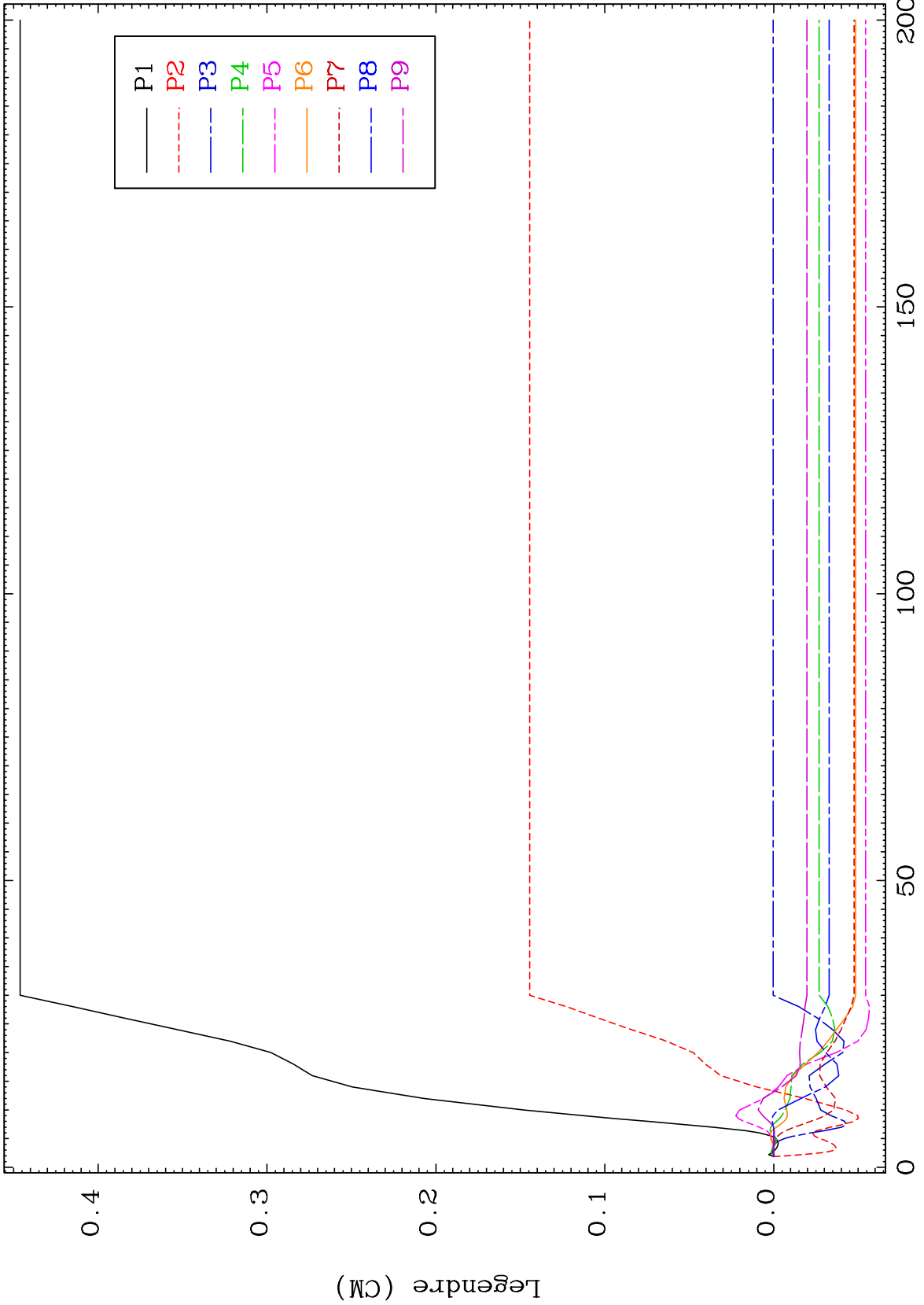


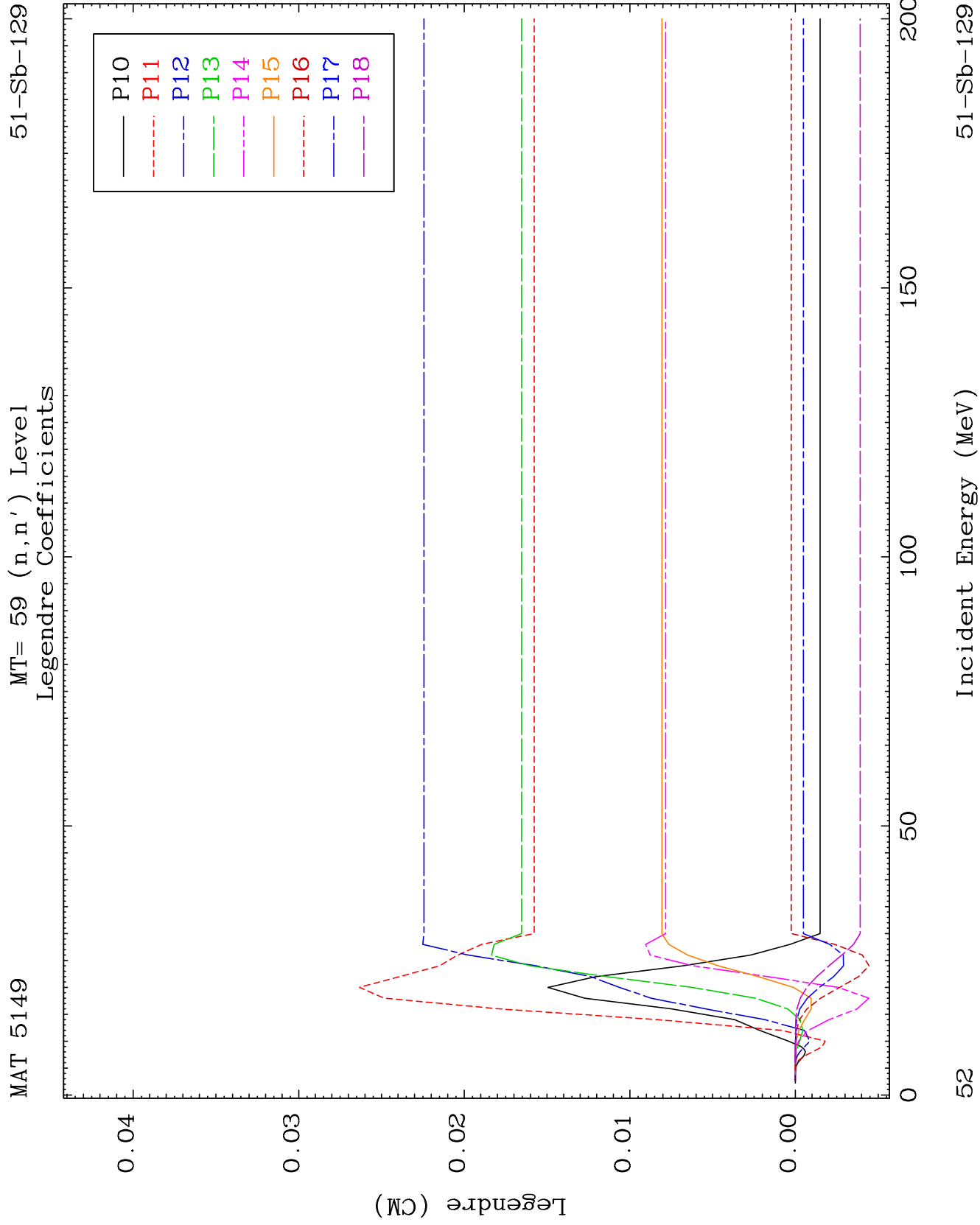
MAT 5149 MT= 58 (n,n') Level
Legendre Coefficients 51-Sb-129



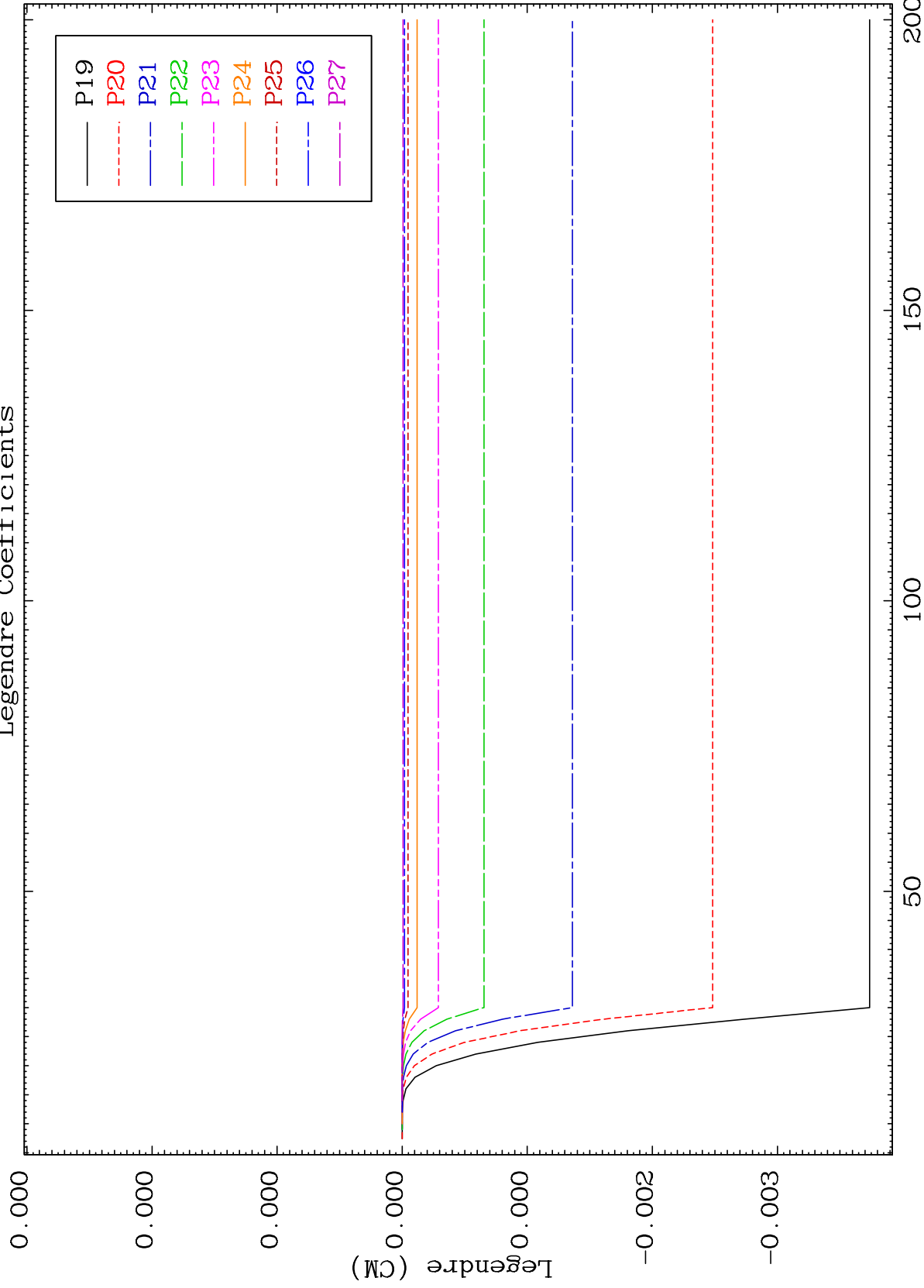


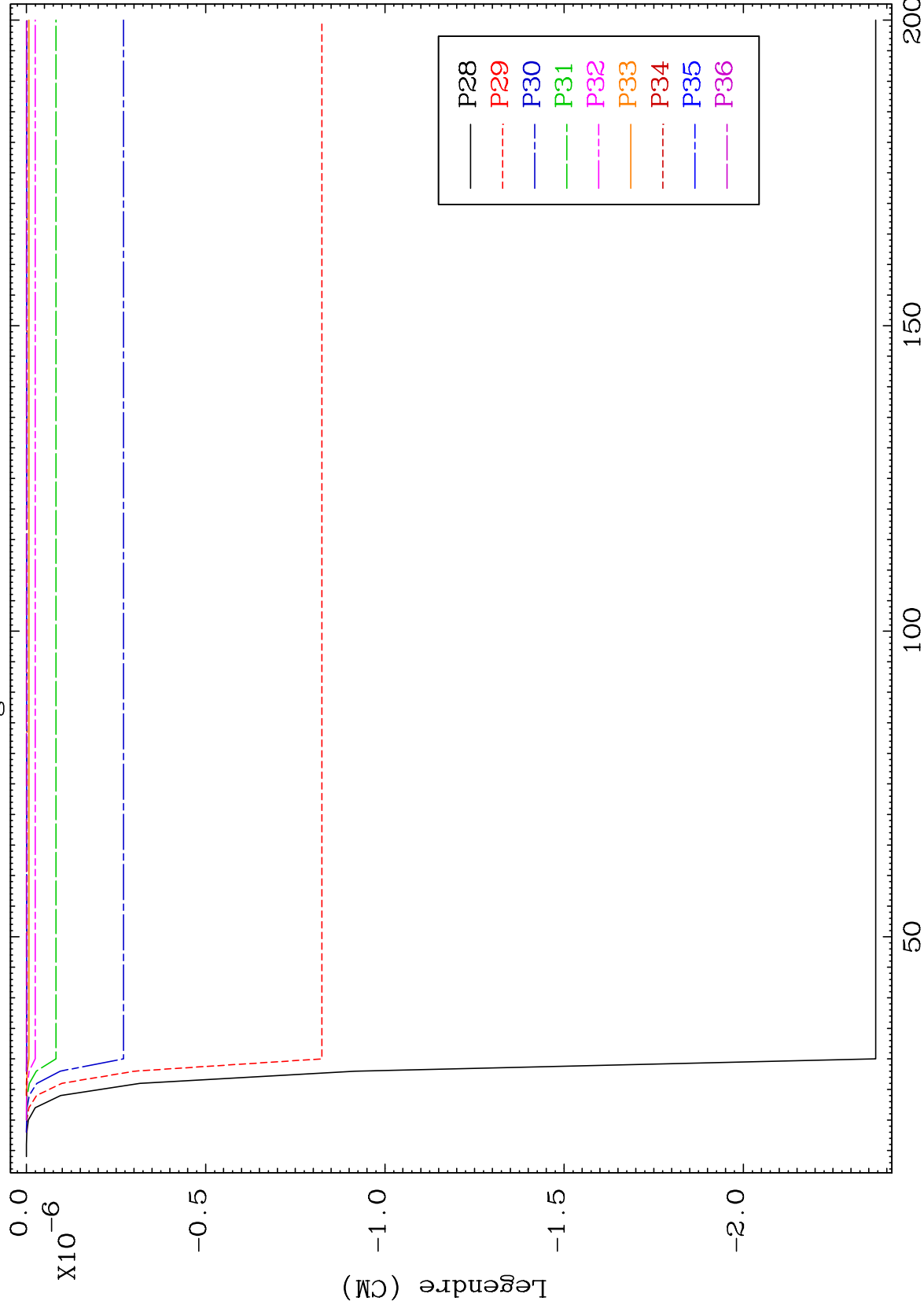


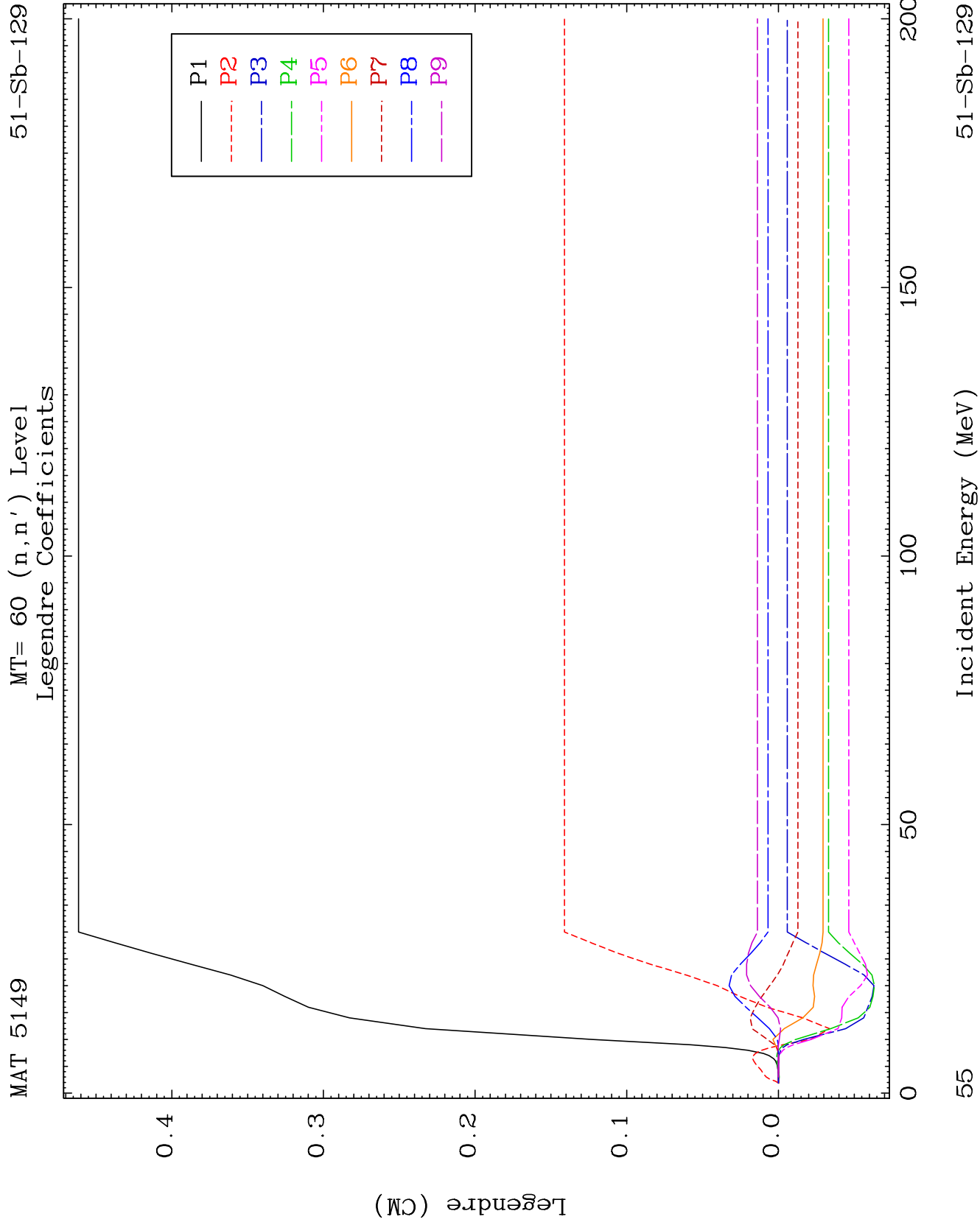




MAT 5149 MT= 59 (n,n') Level Legendre Coefficients 51-Sb-129



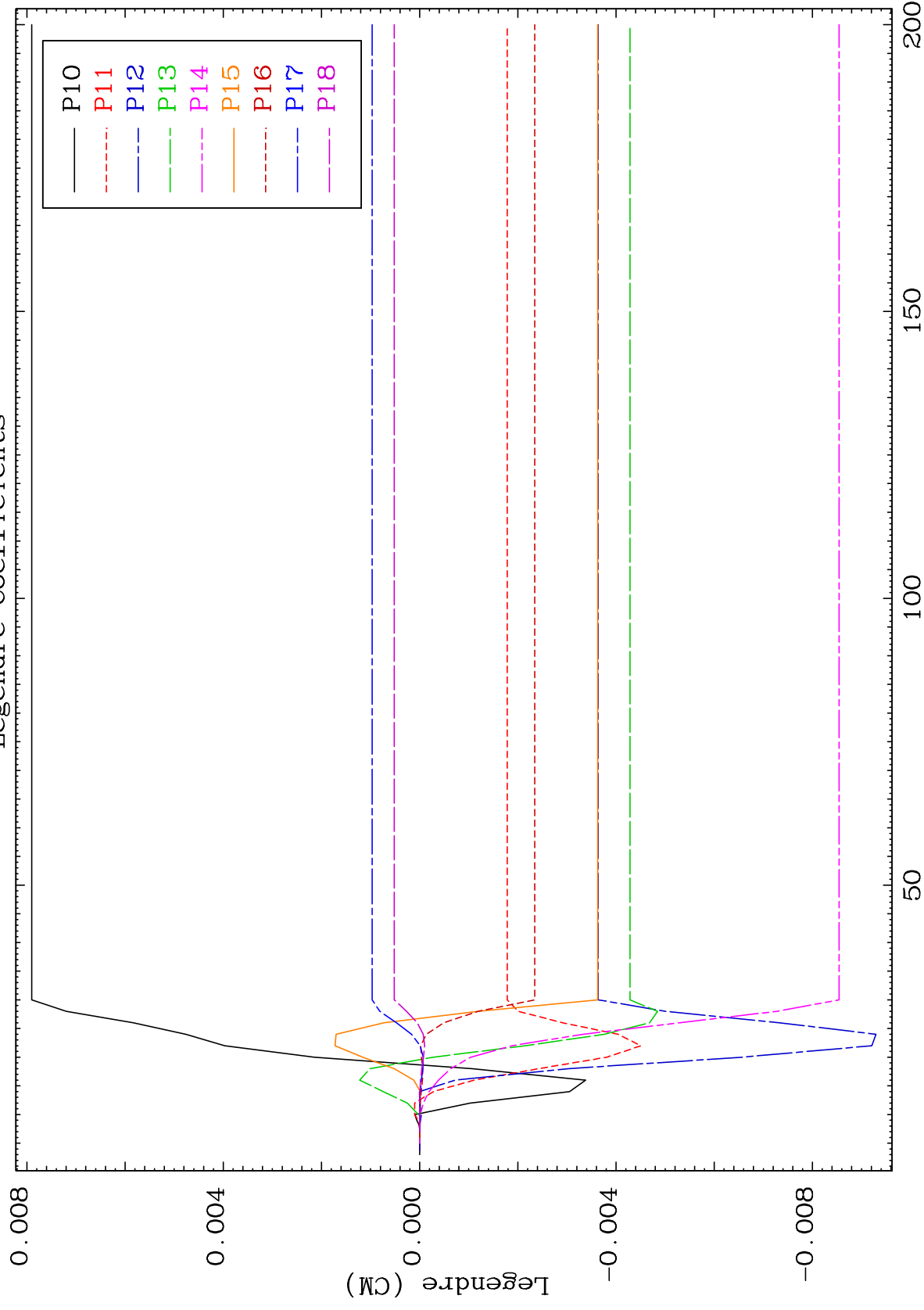




MAT 5149

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

51-Sb-129



95

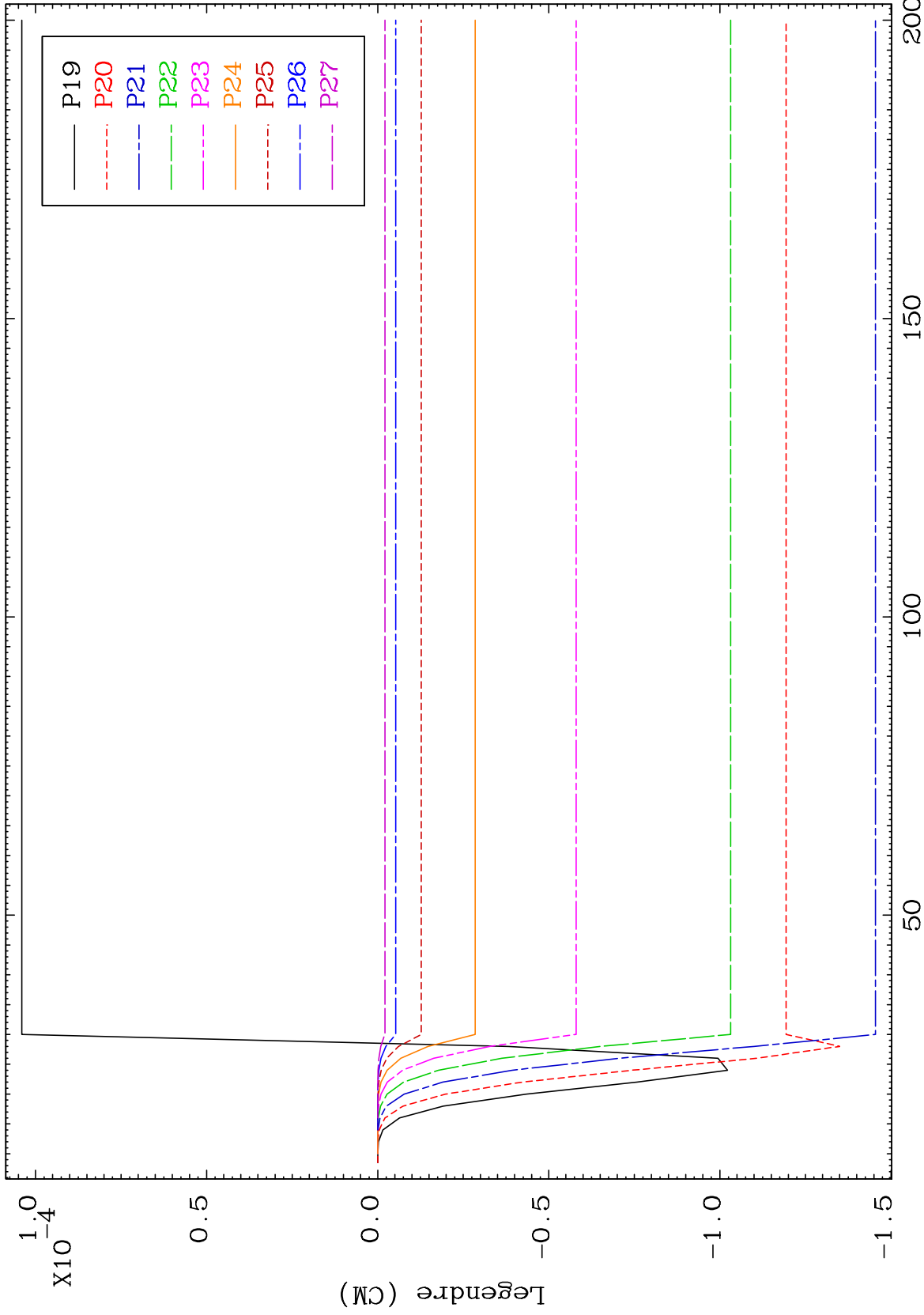
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

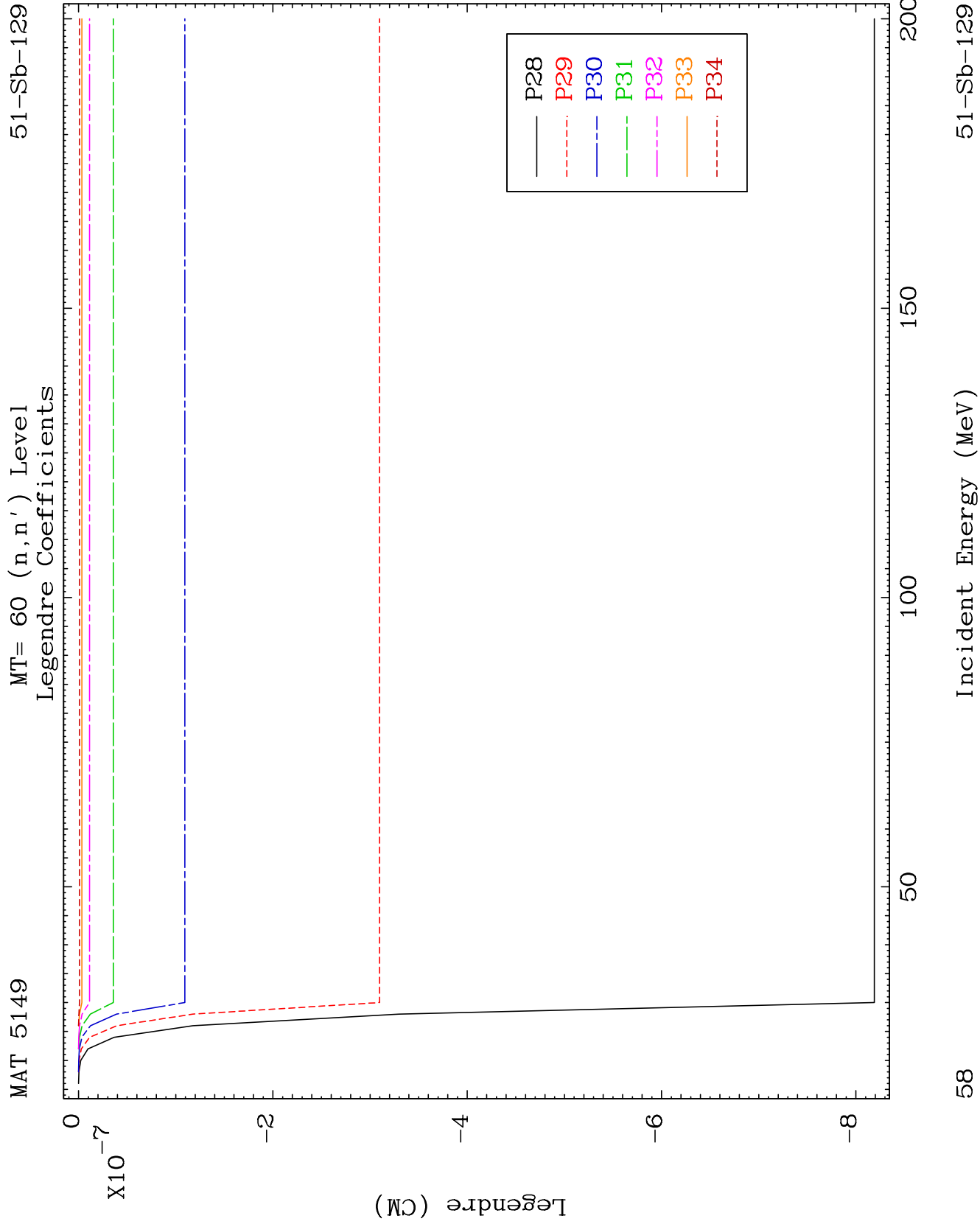
51-Sb-129

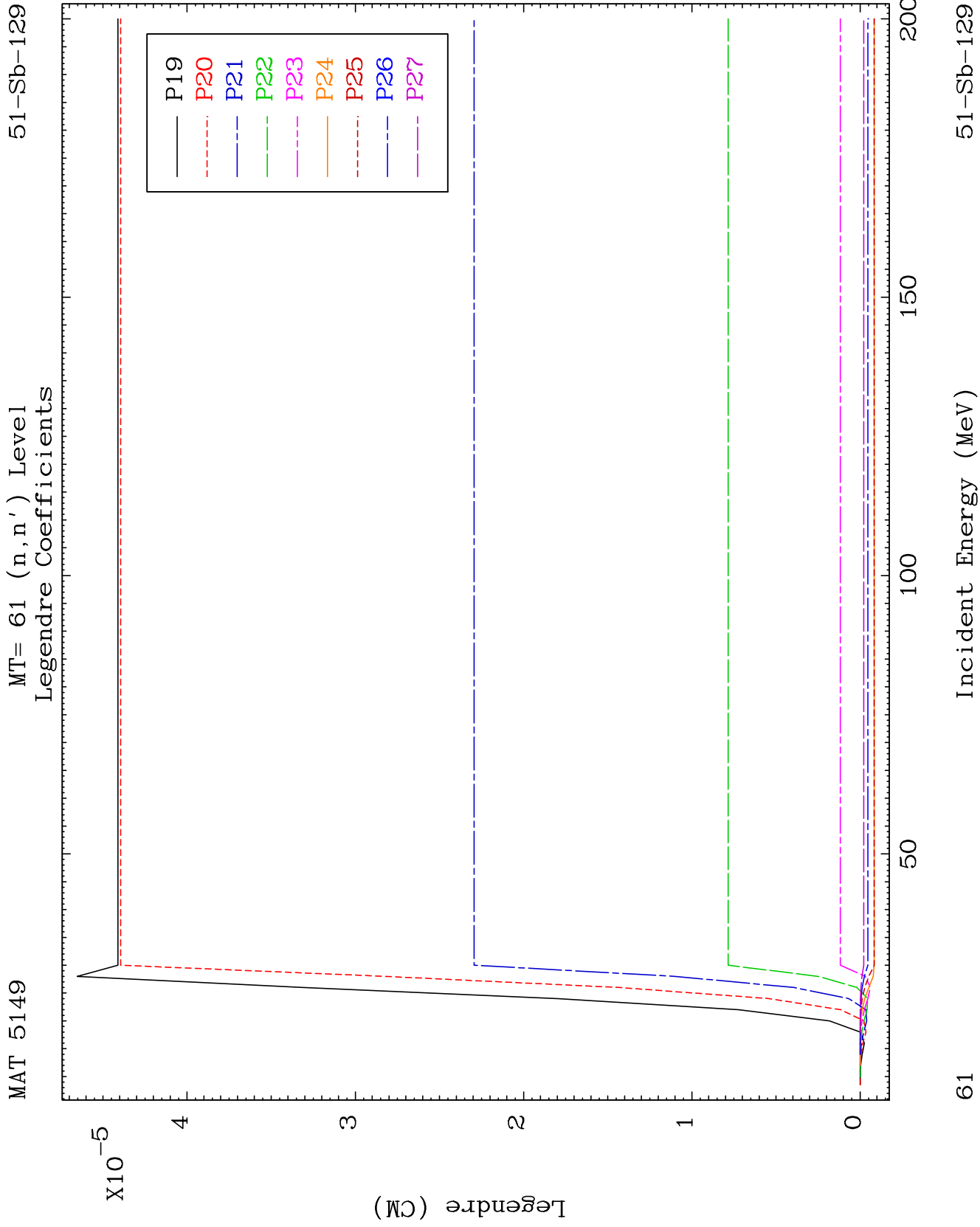


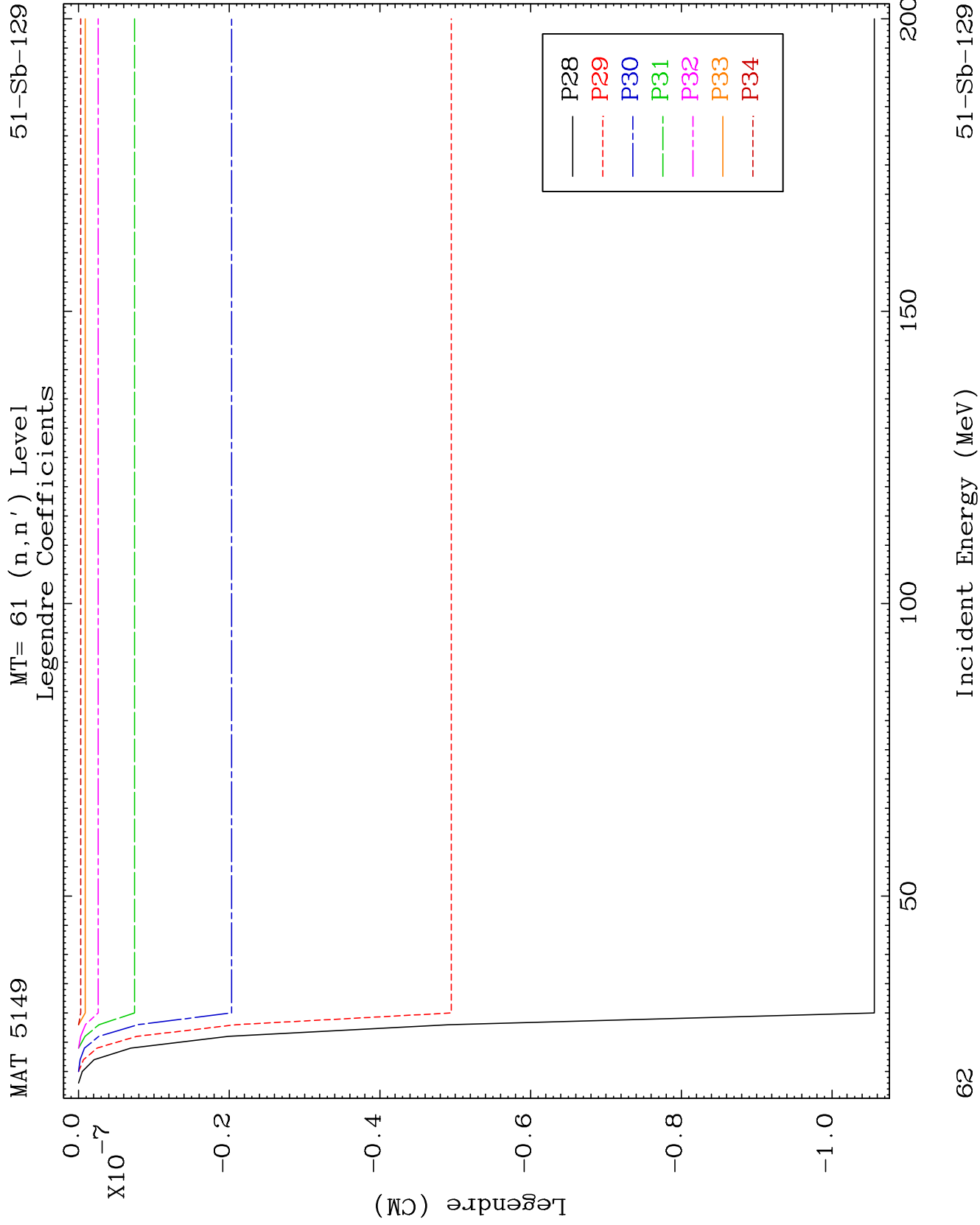
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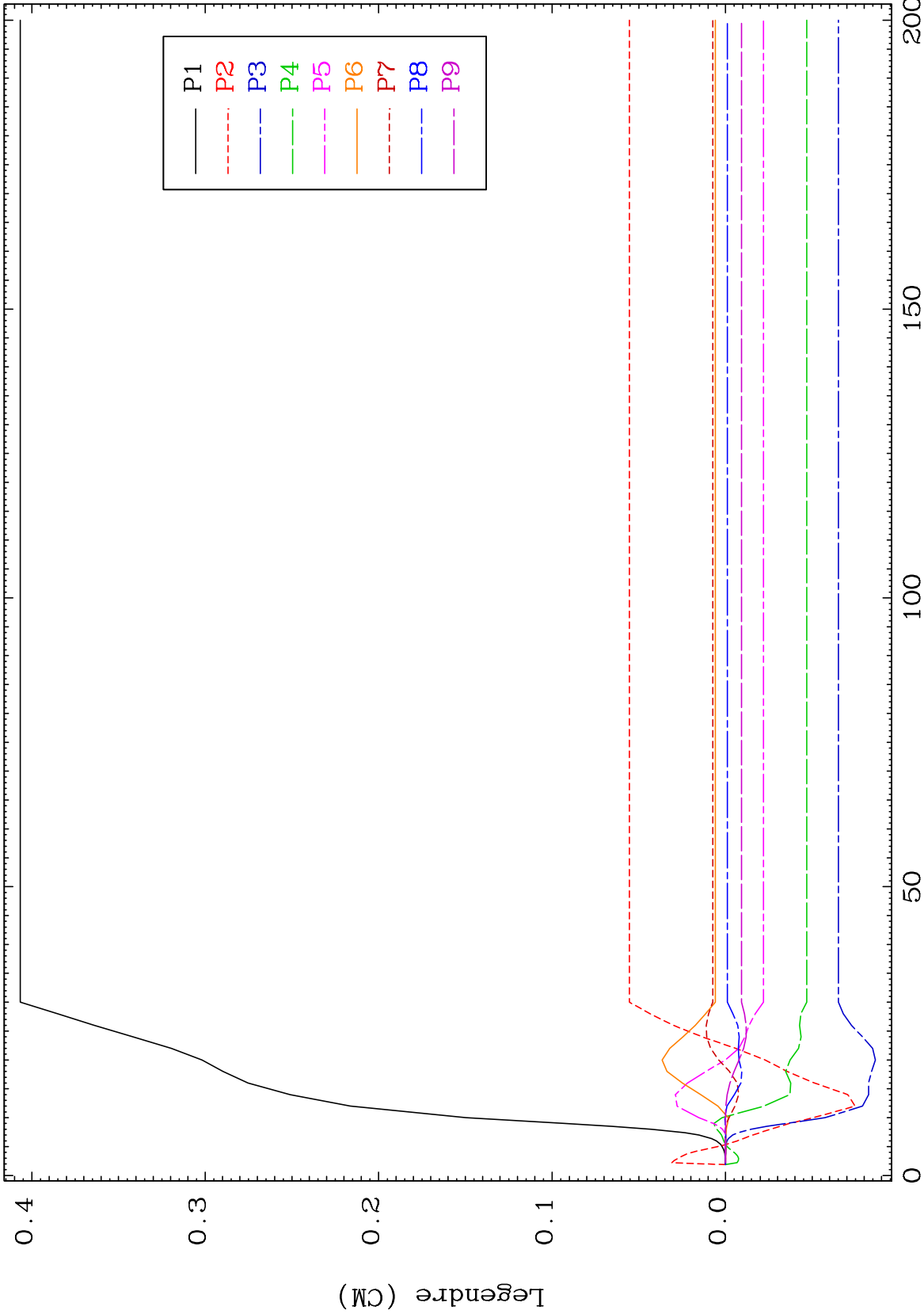
Incident Energy (MeV)

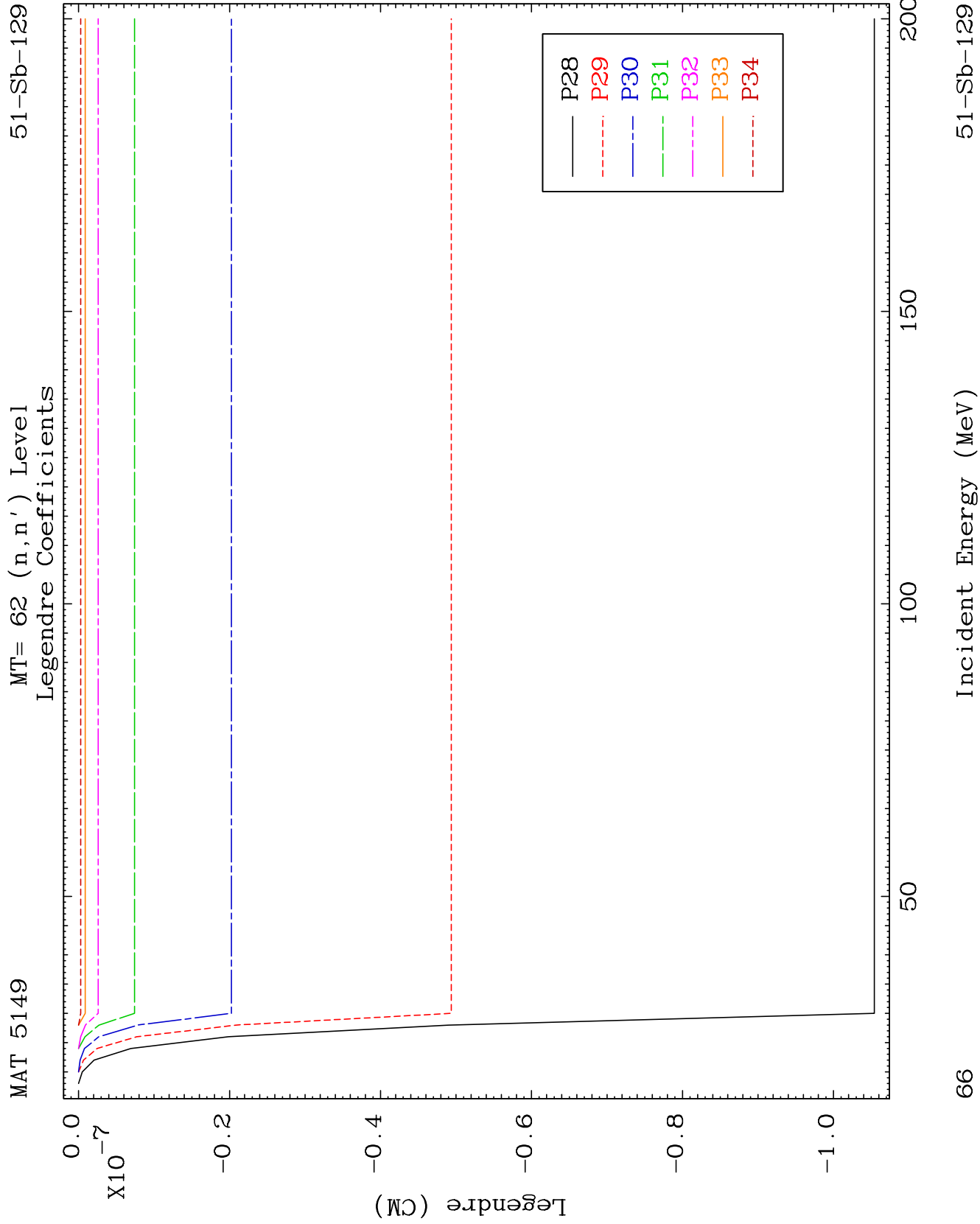
51-Sb-129







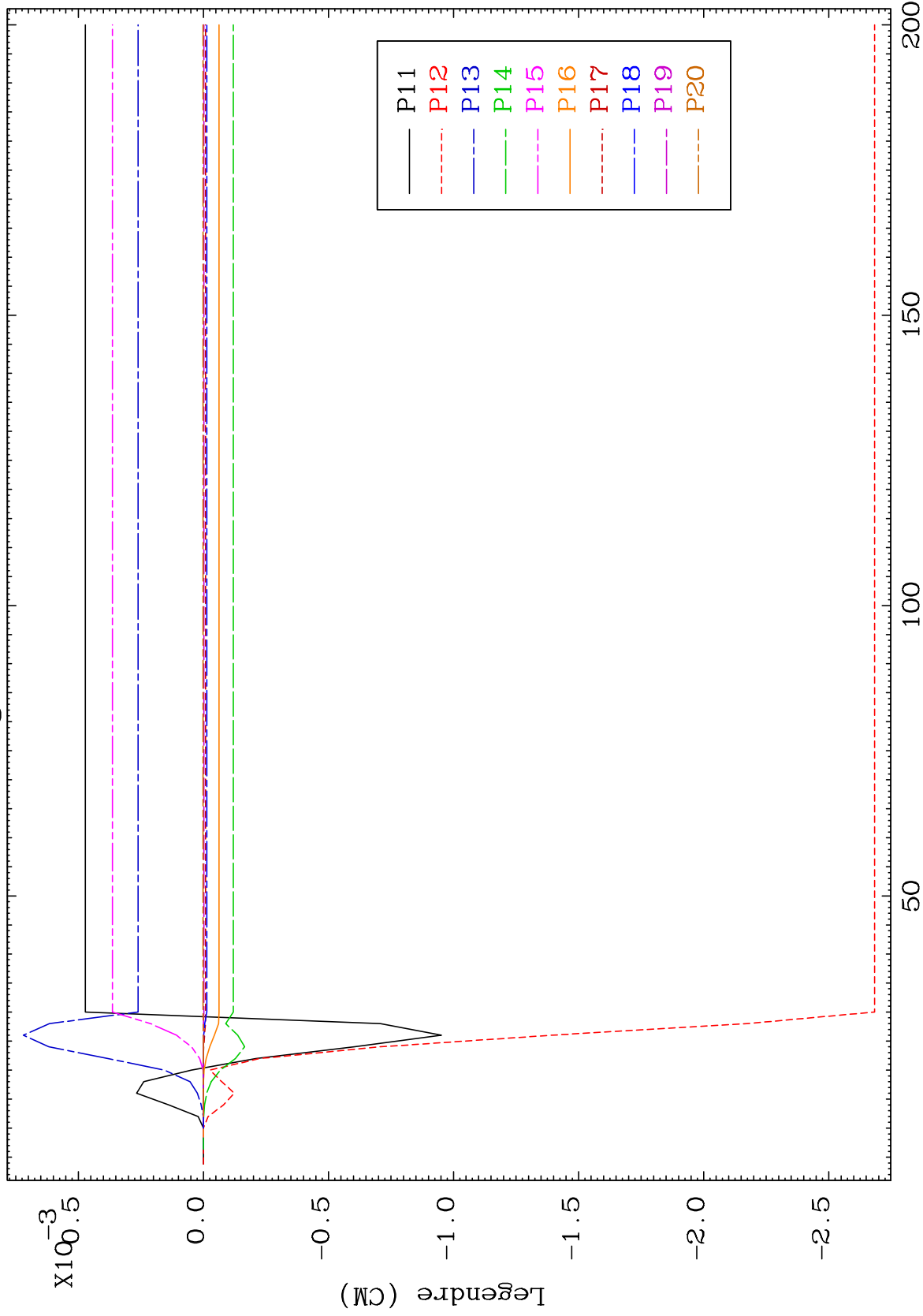




MAT 5149

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

51-Sb-129



68

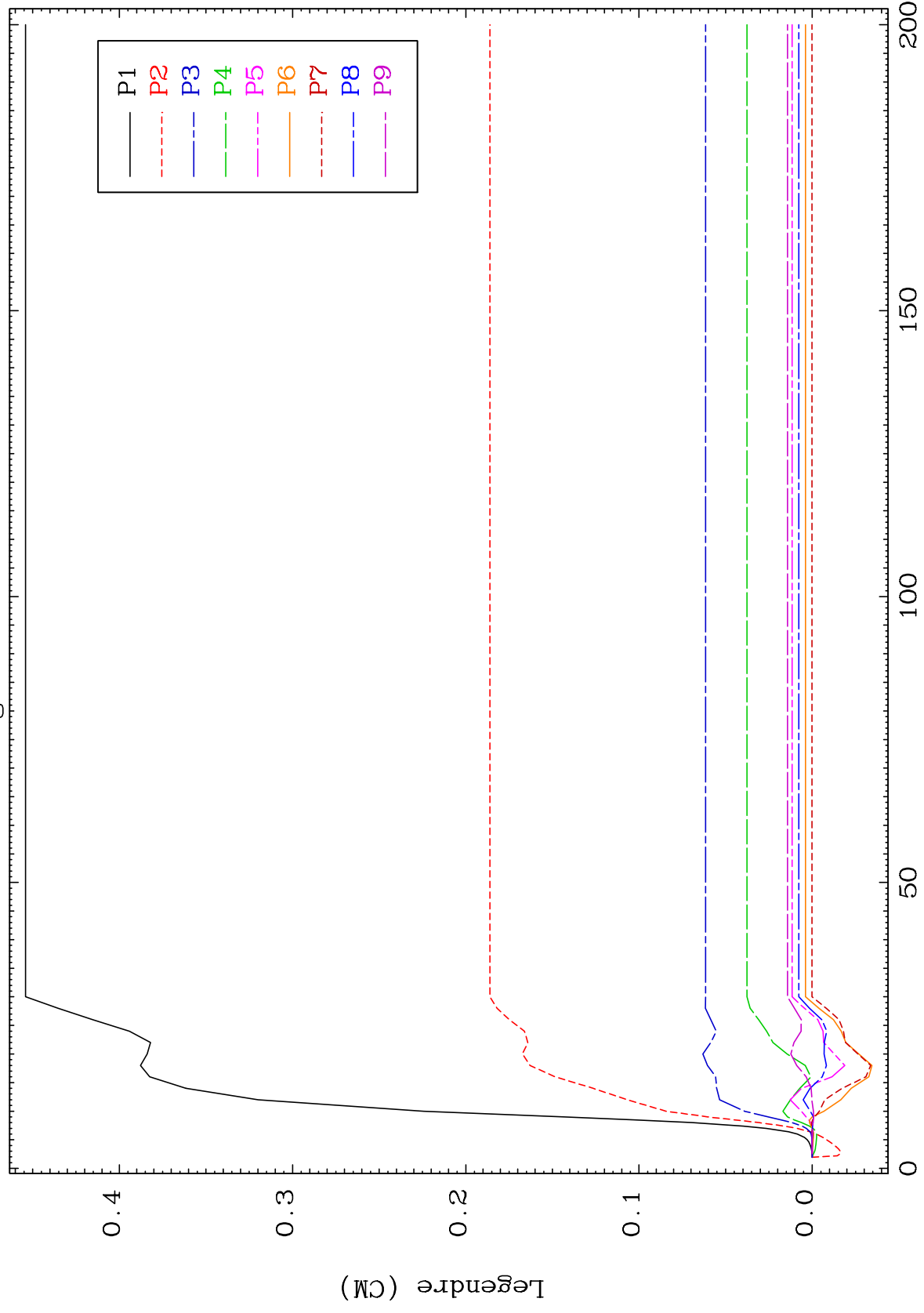
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

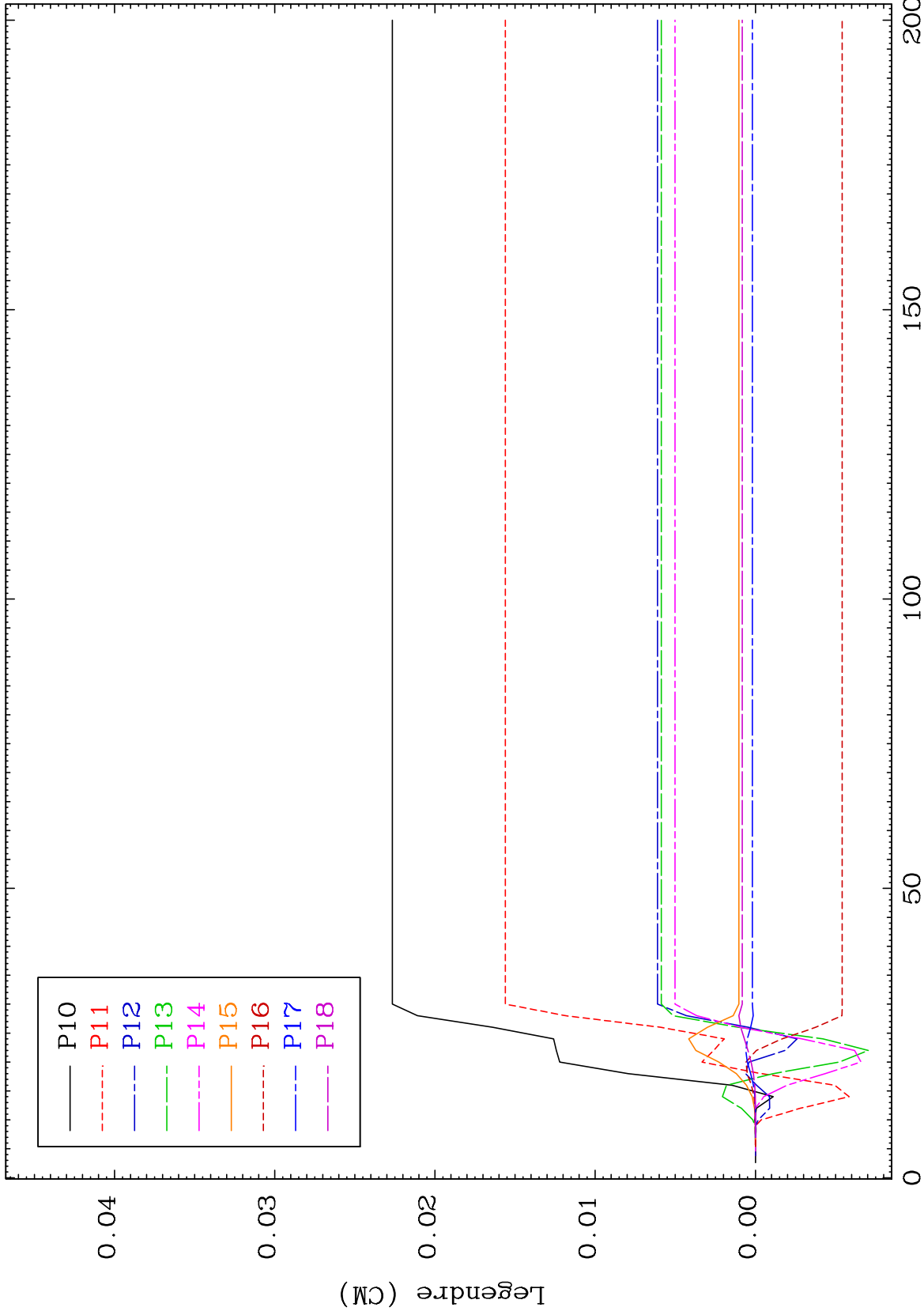
51-Sb-129

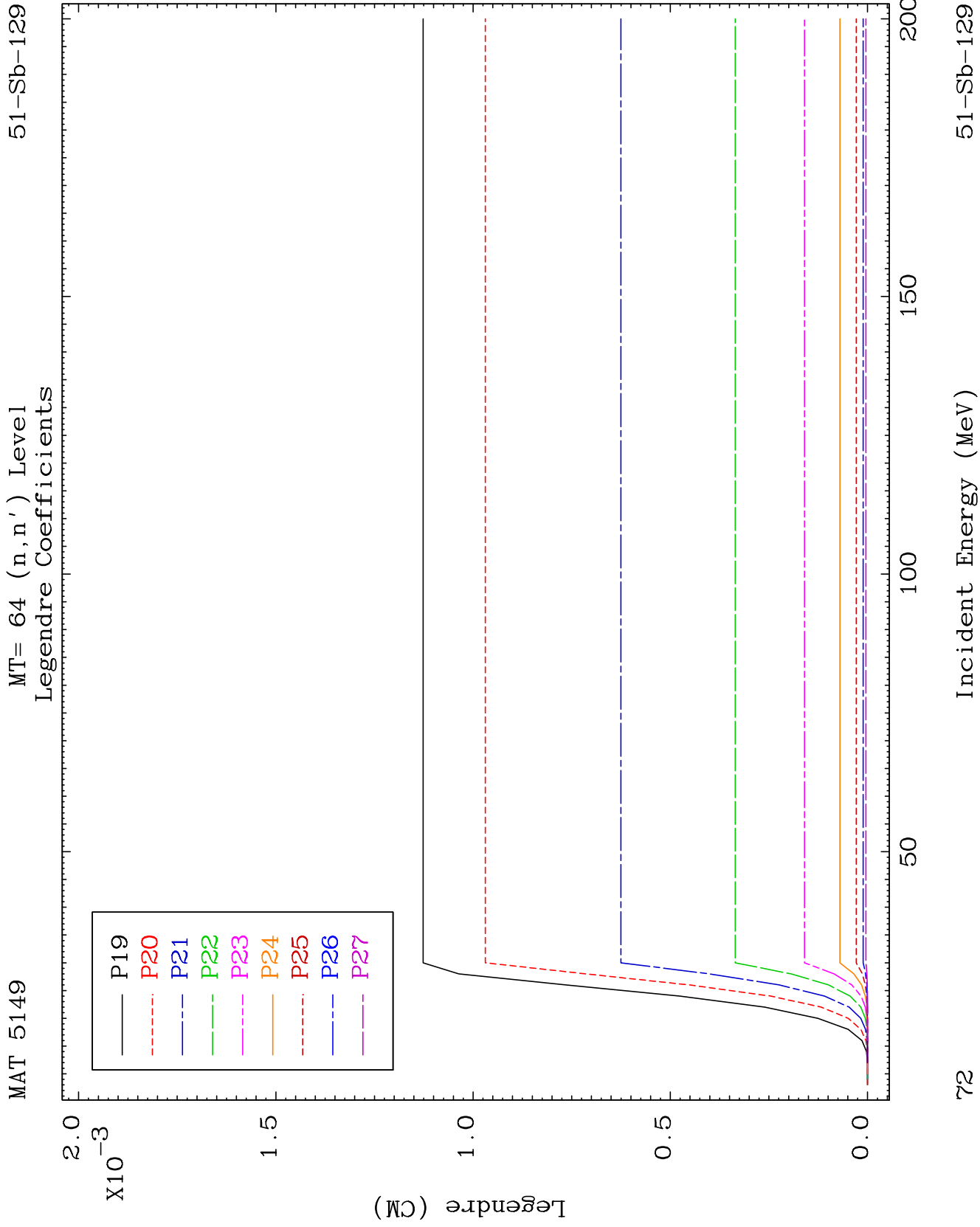


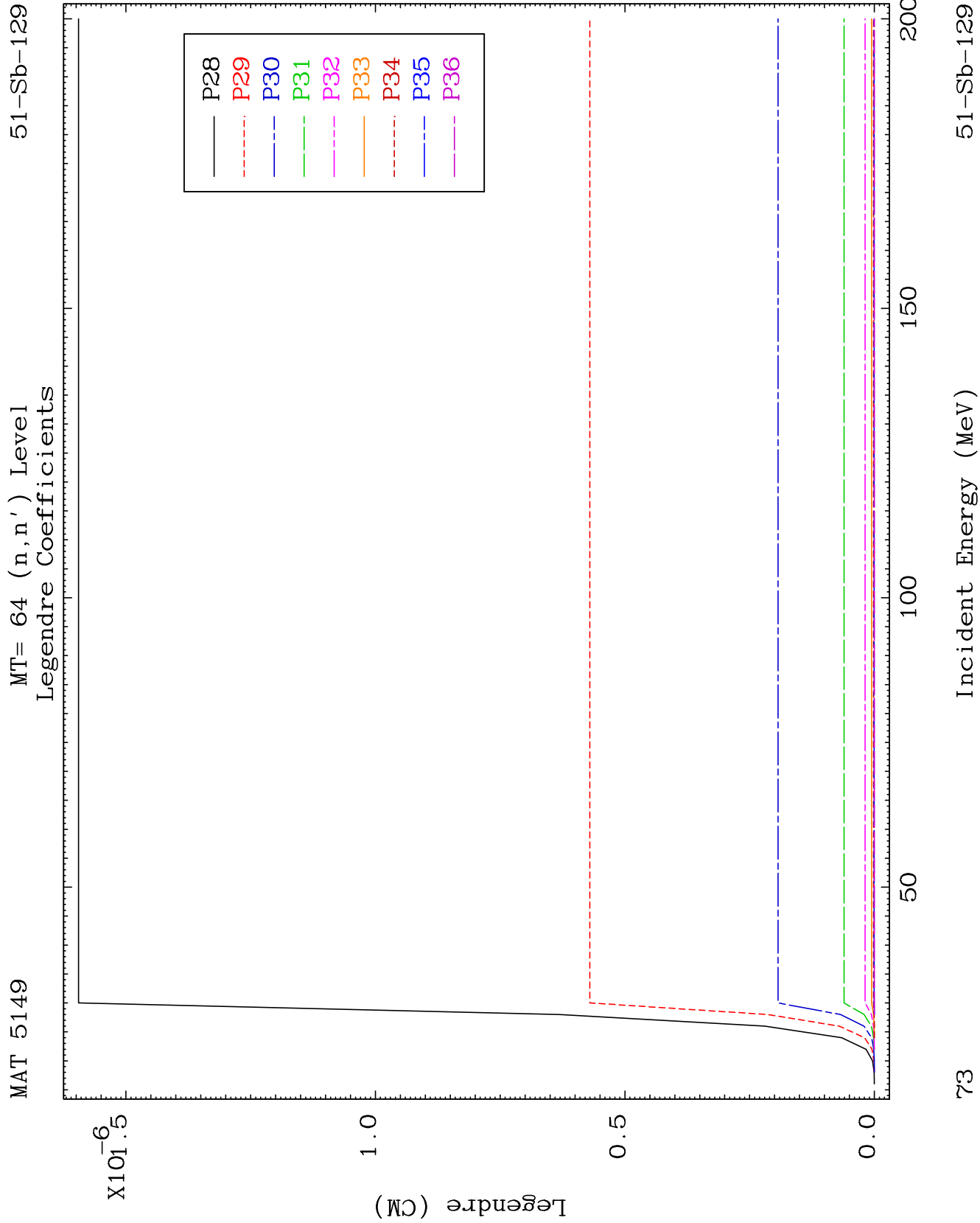
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Incident Energy (MeV)

51-Sb-129



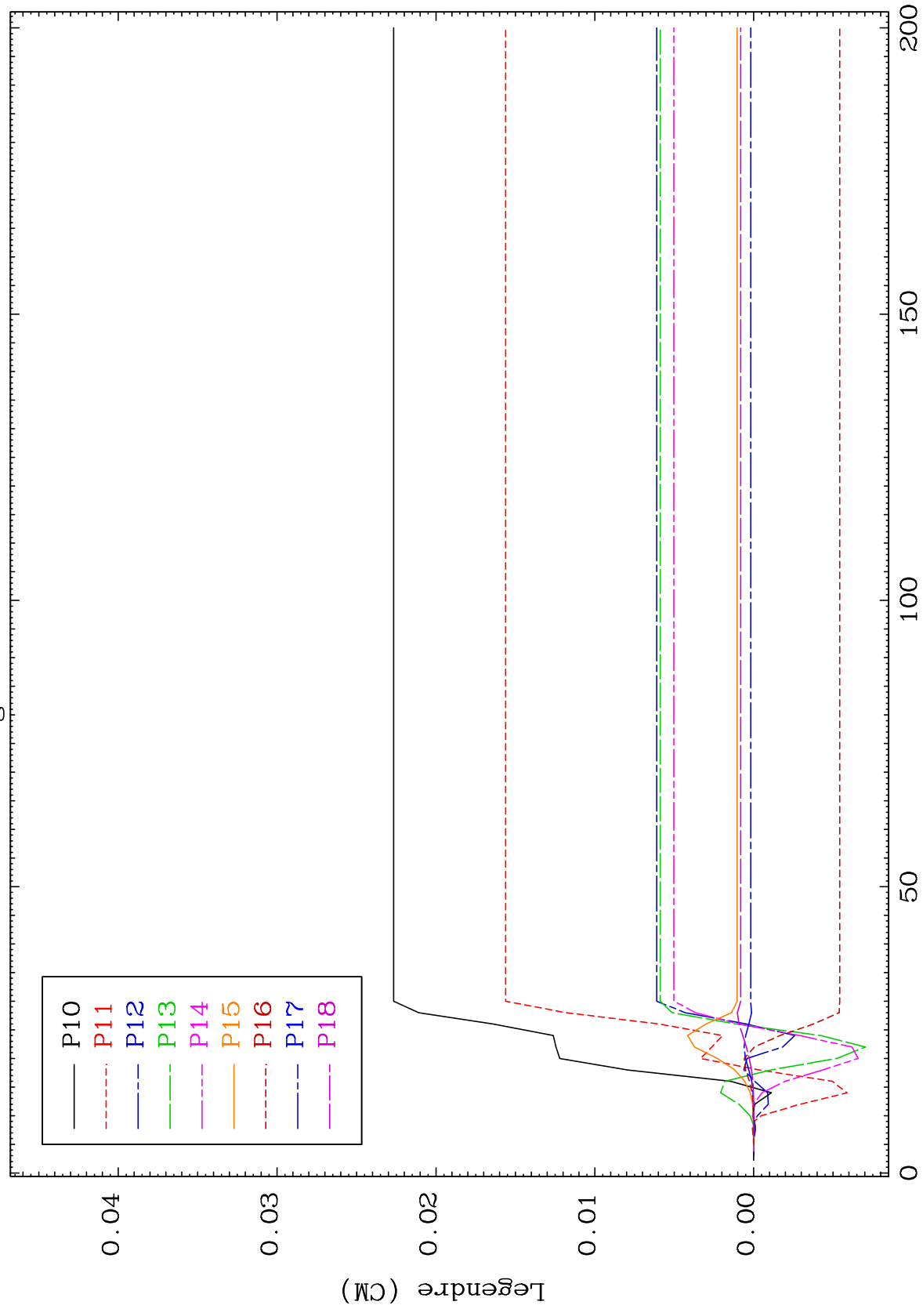




MAT 5149

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

51-Sb-129



52

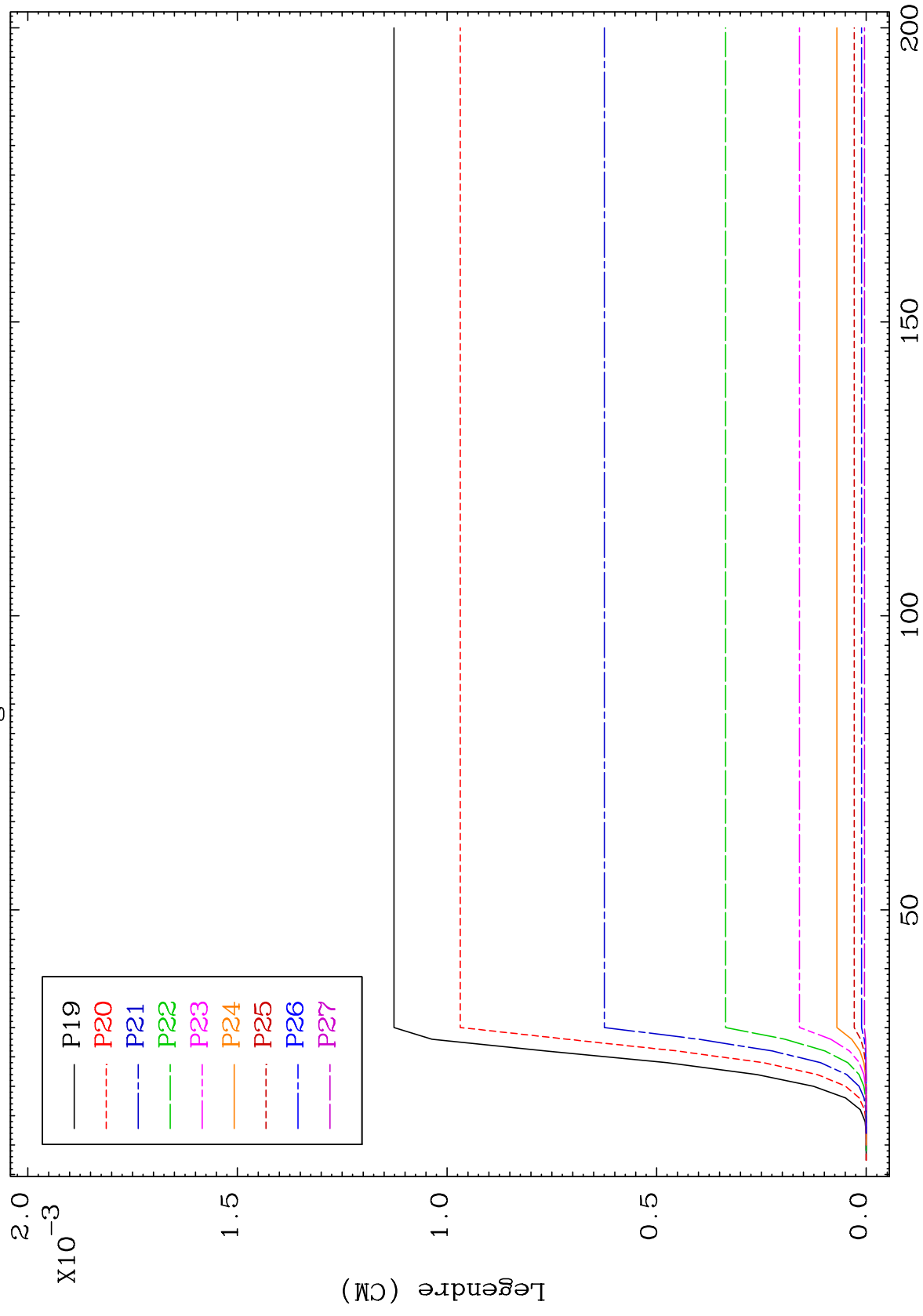
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



92

Incident Energy (MeV)

51-Sb-129

50

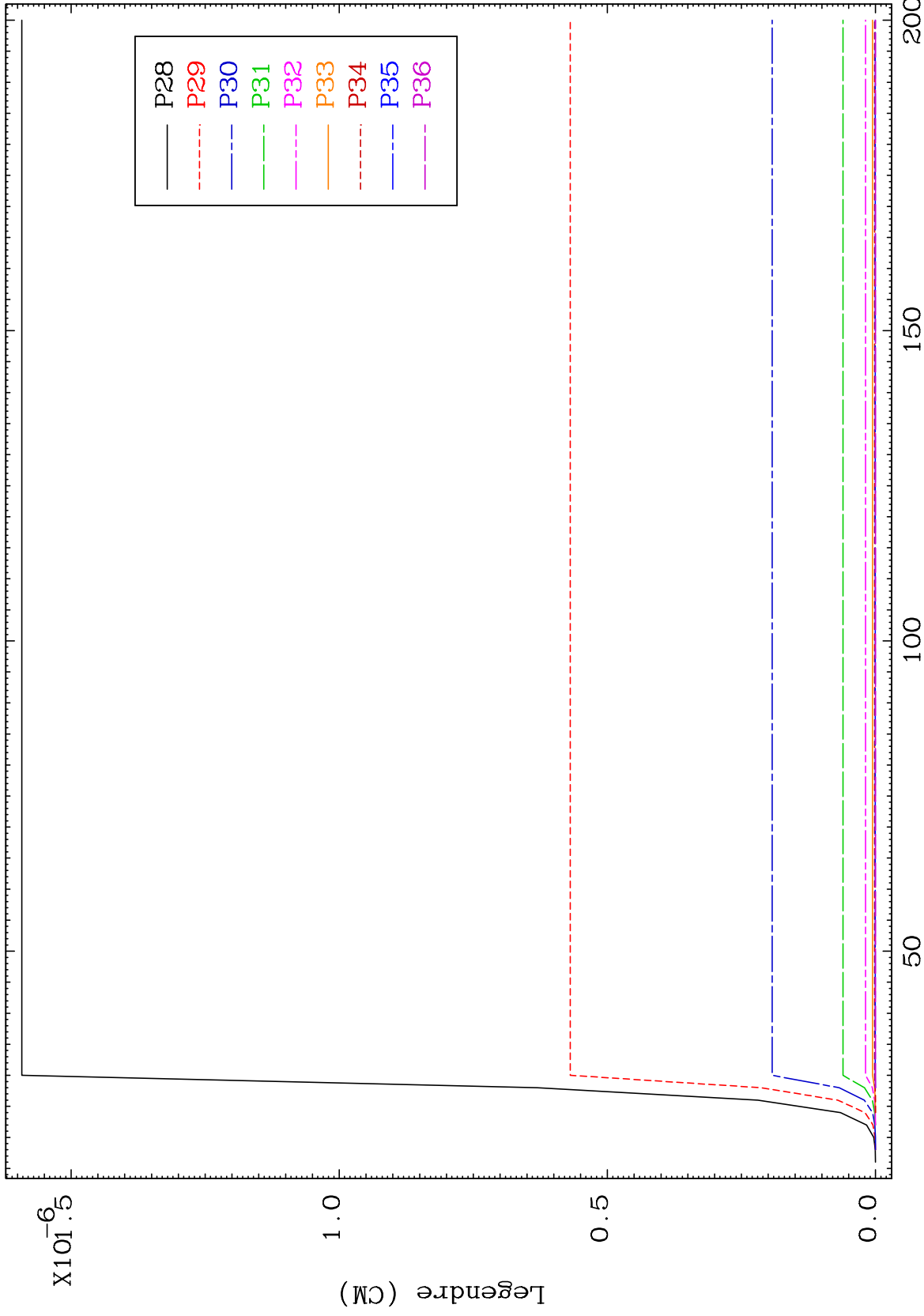
150

200

MAT 5149

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

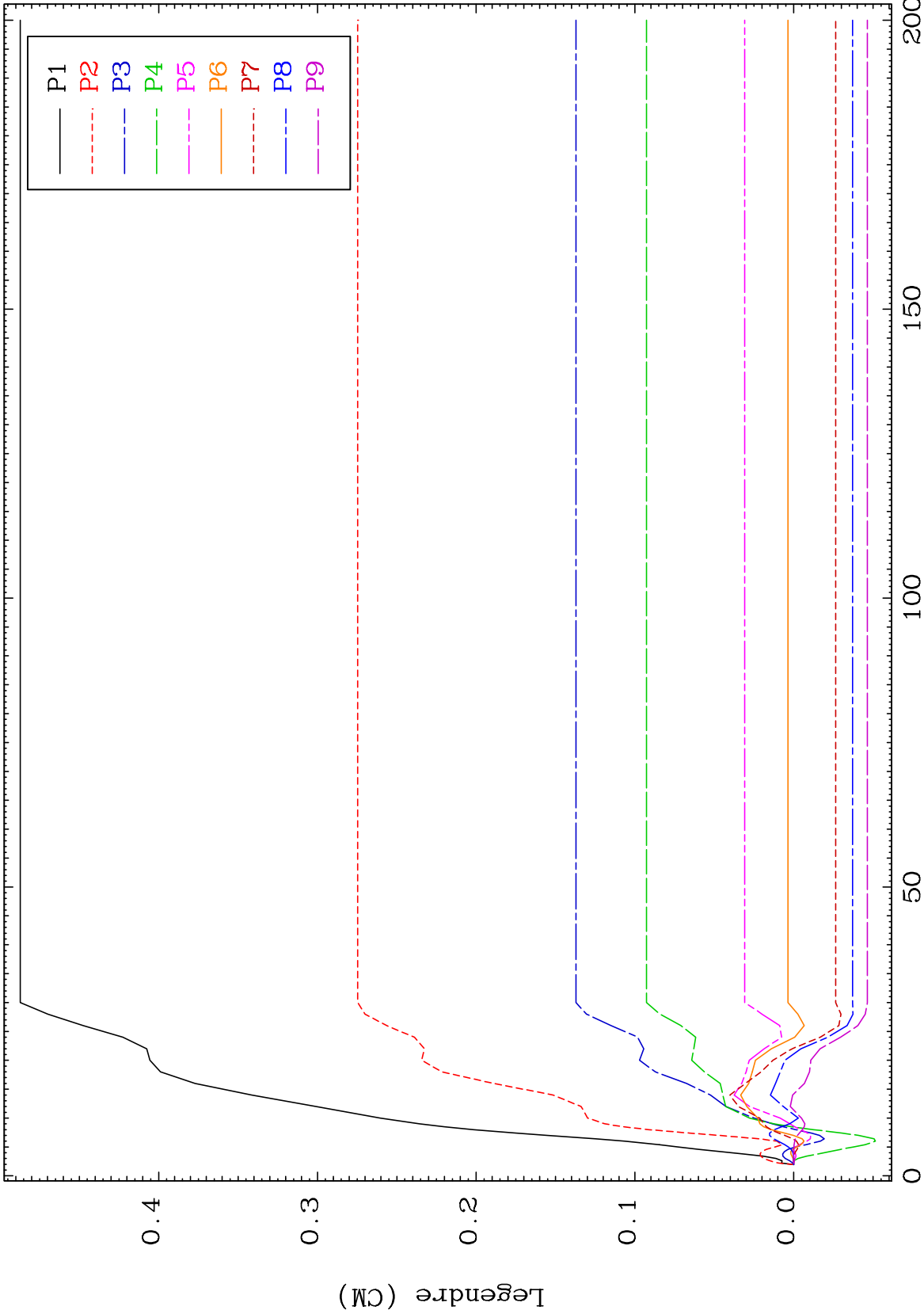
51-Sb-129

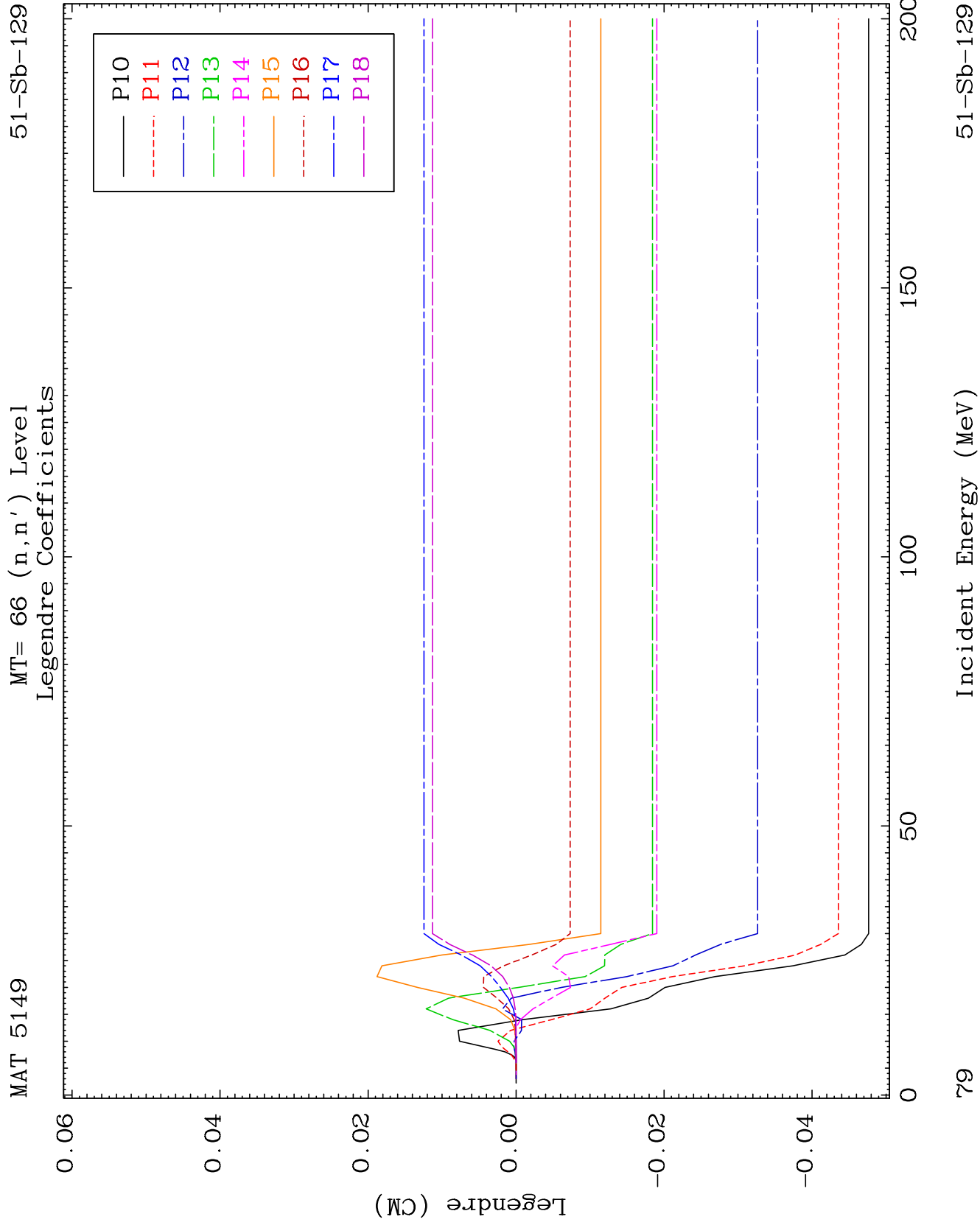


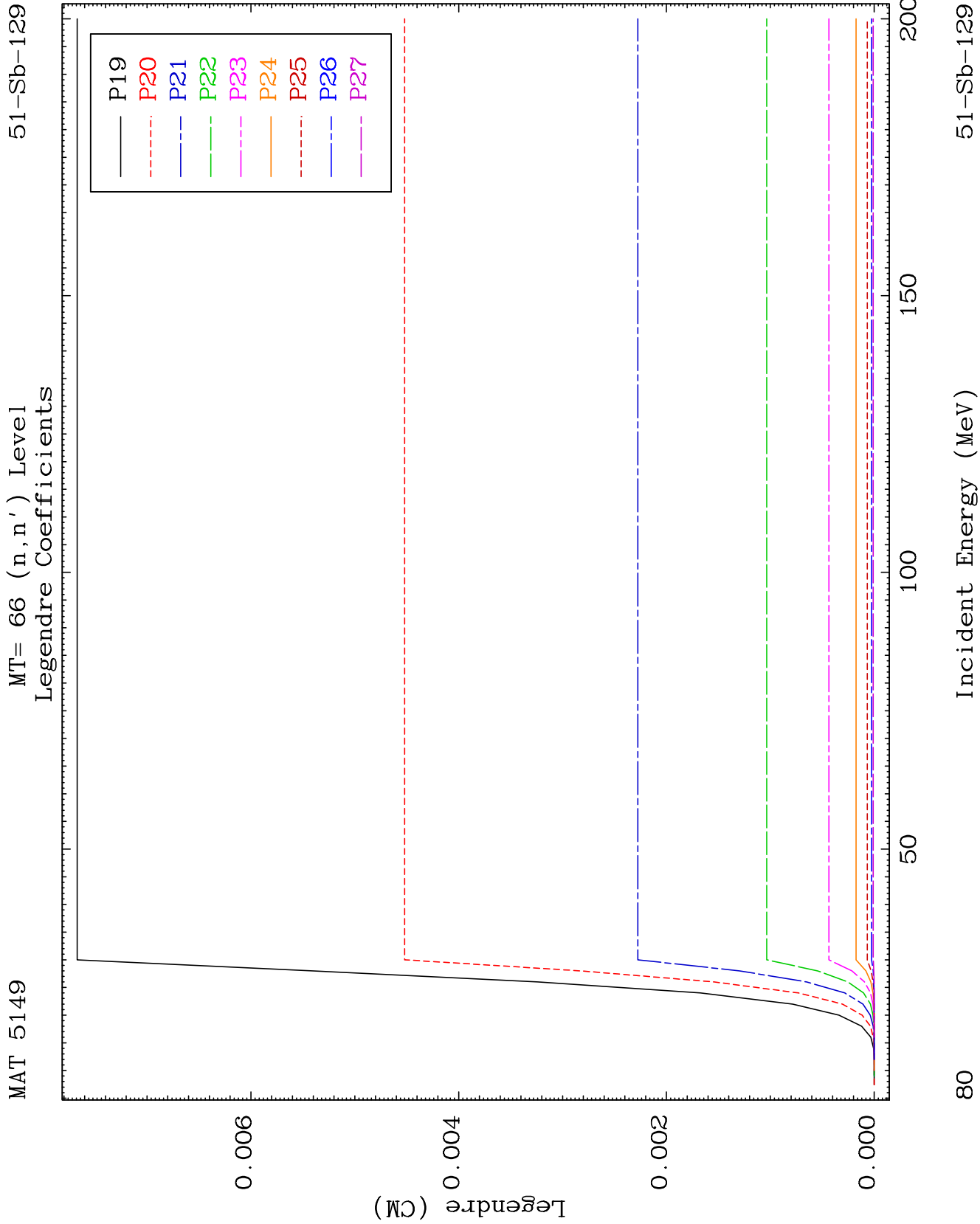
77

Incident Energy (MeV)

51-Sb-129



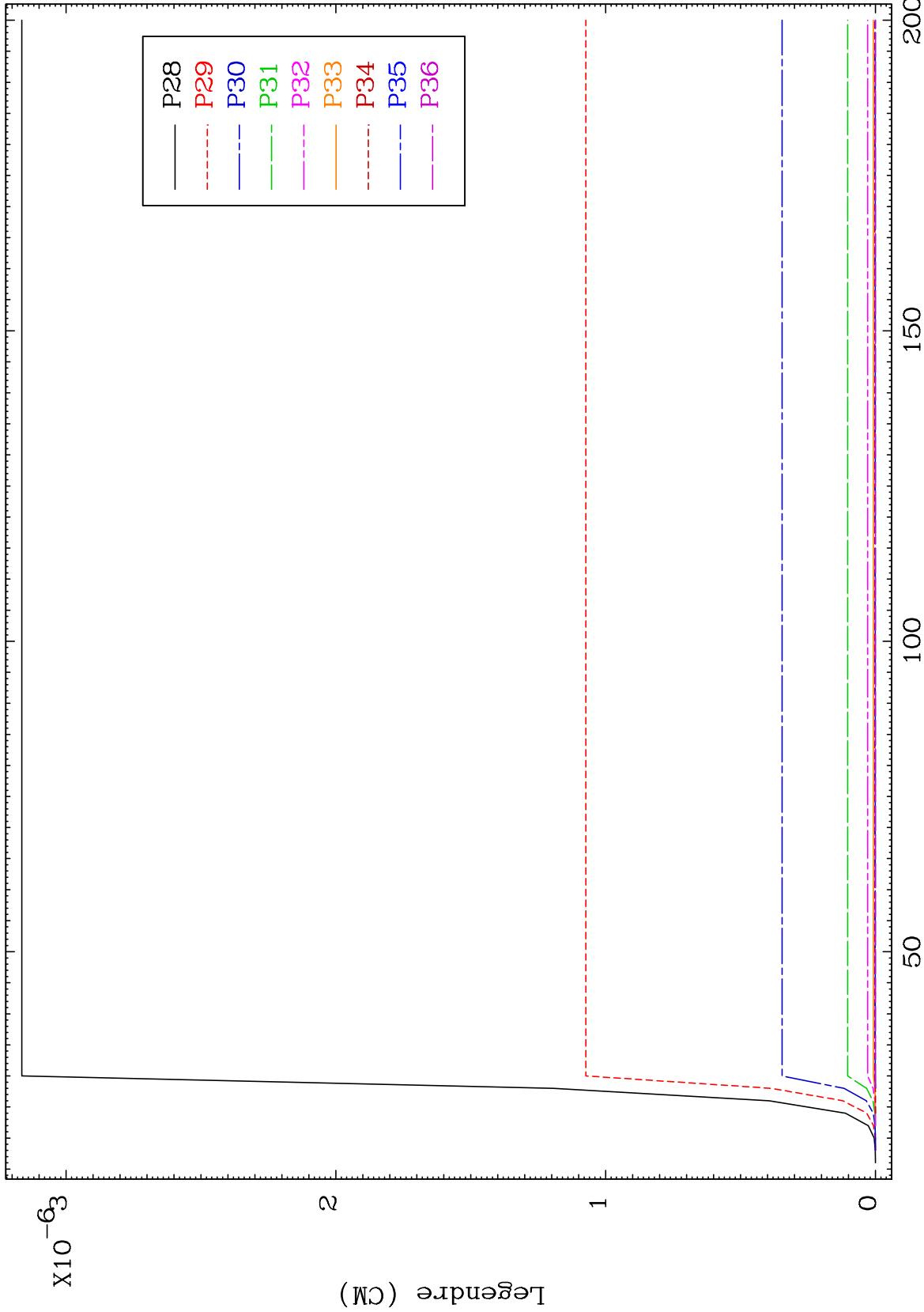




MAT 5149

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

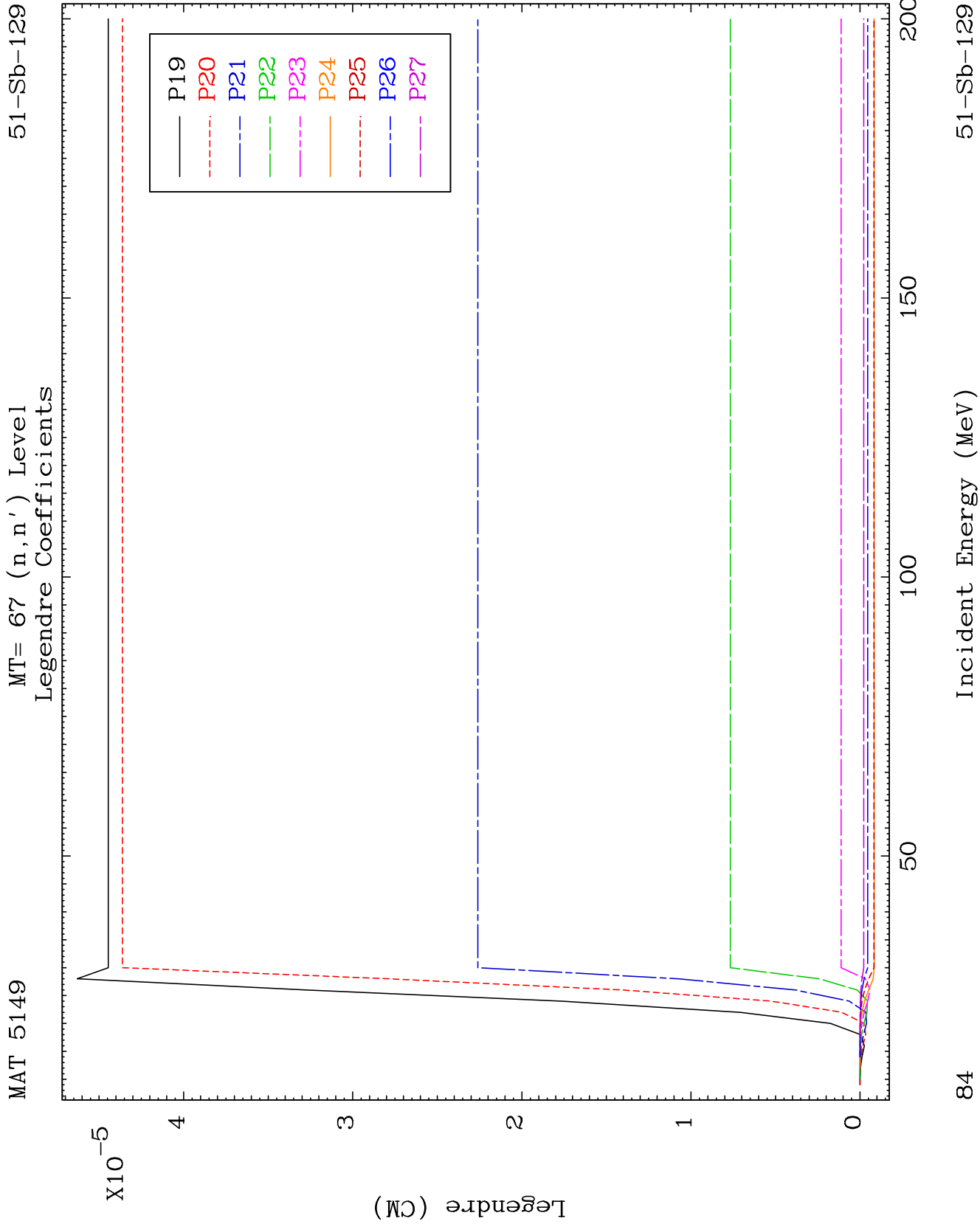
51-Sb-129

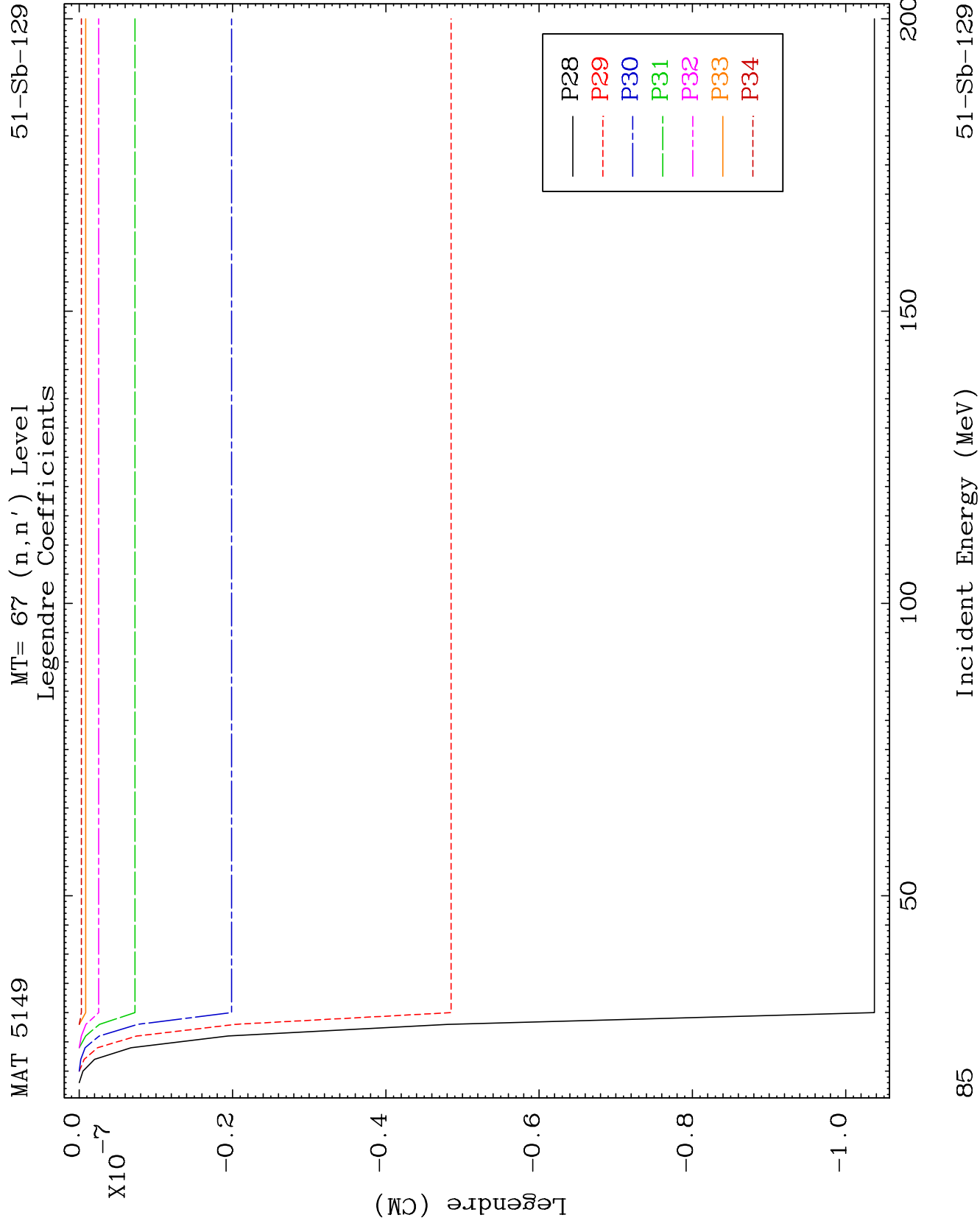


81

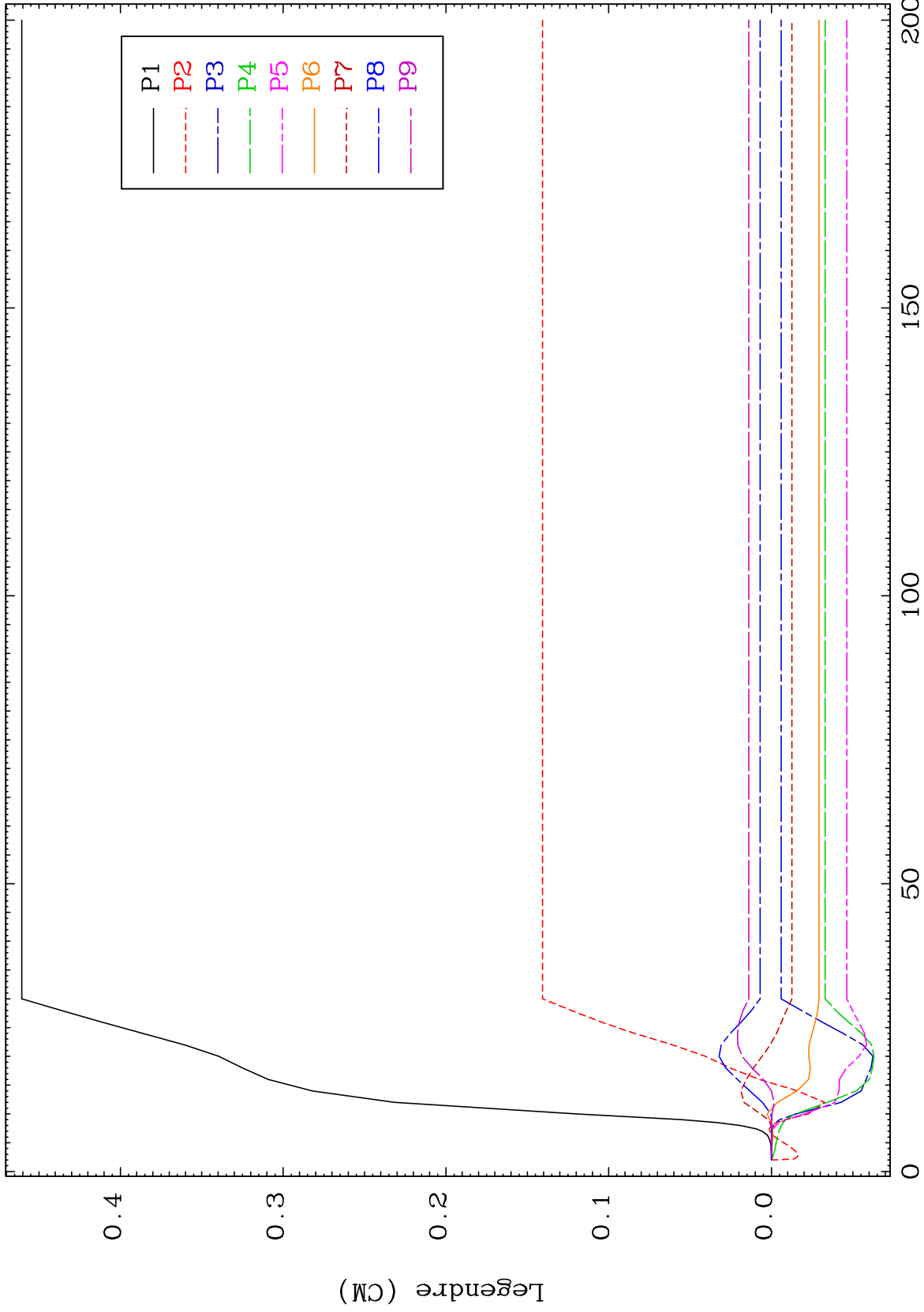
Incident Energy (MeV)

51-Sb-129





MAT 5149 MT= 68 (n,n') Level 51-Sb-129
Legendre Coefficients

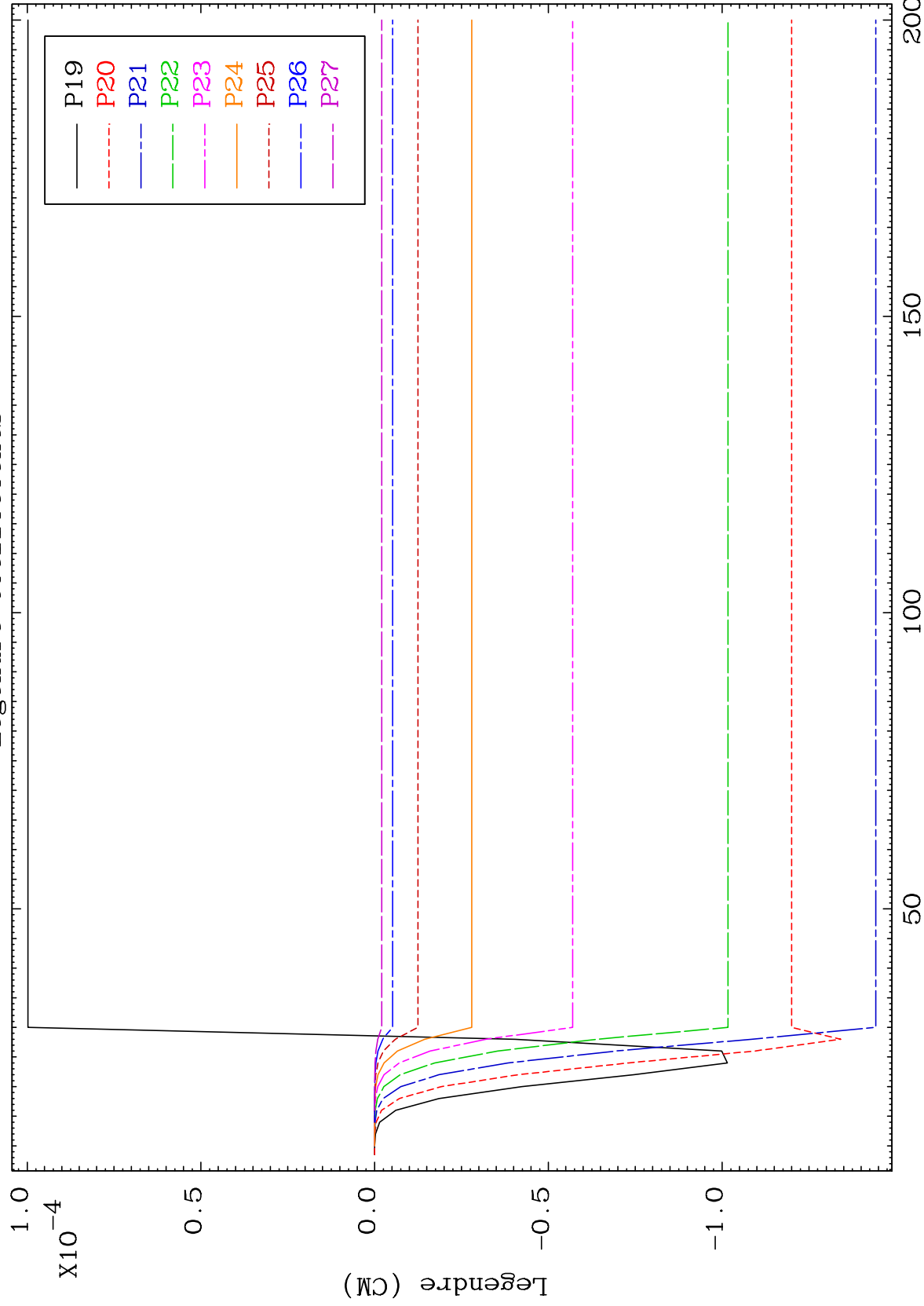


86 Incident Energy (MeV) 51-Sb-129

MAT 5149

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

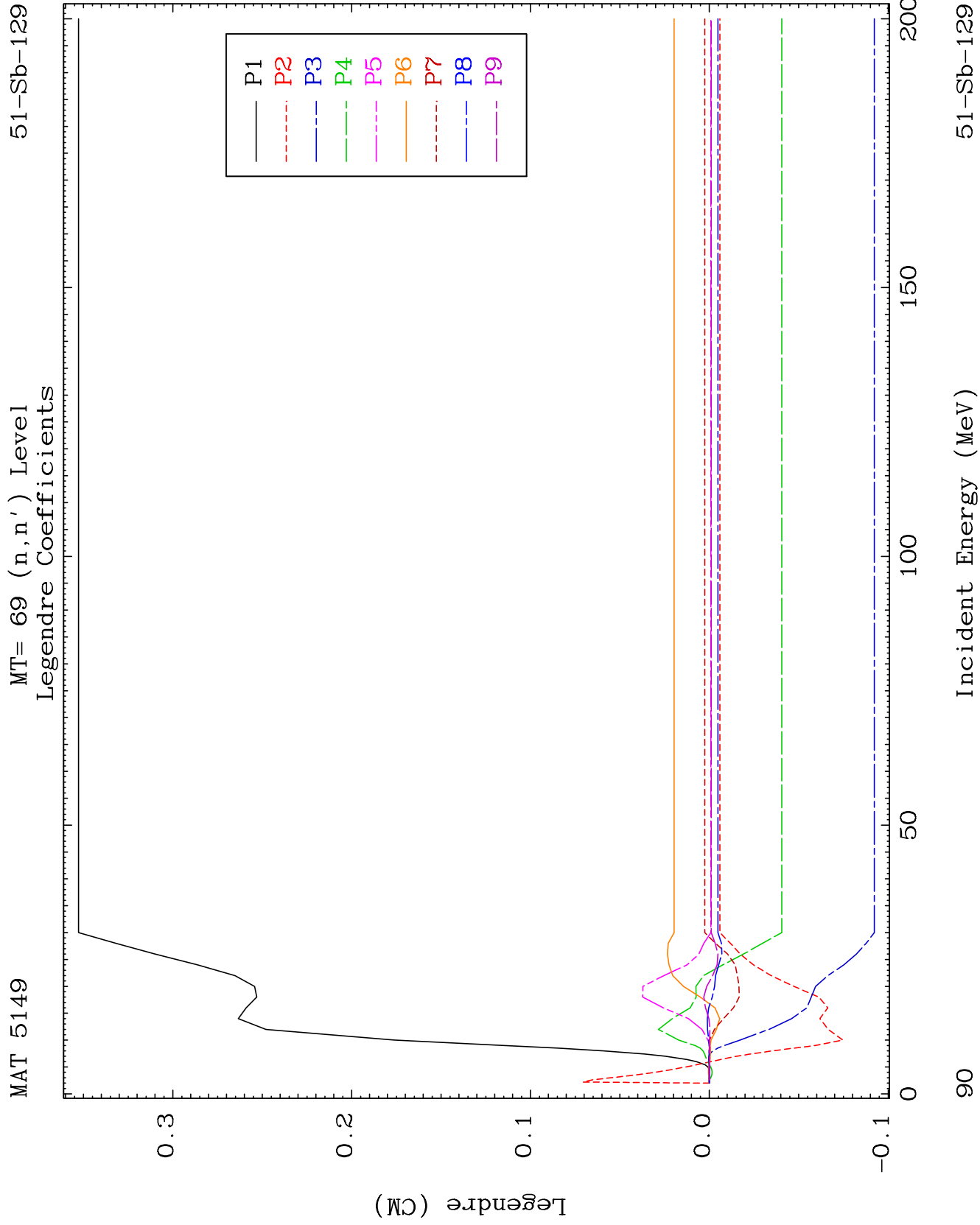
51-Sb-129

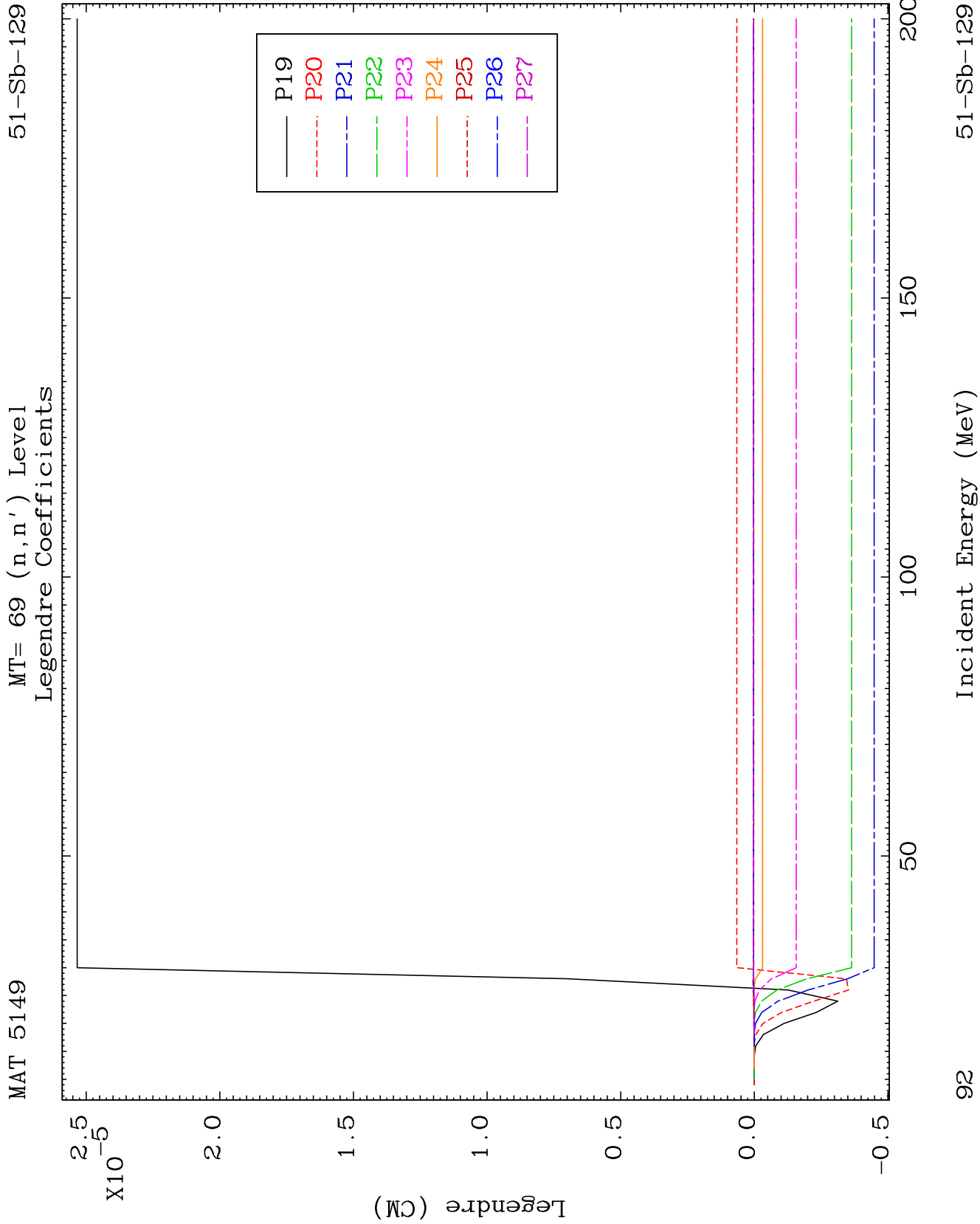


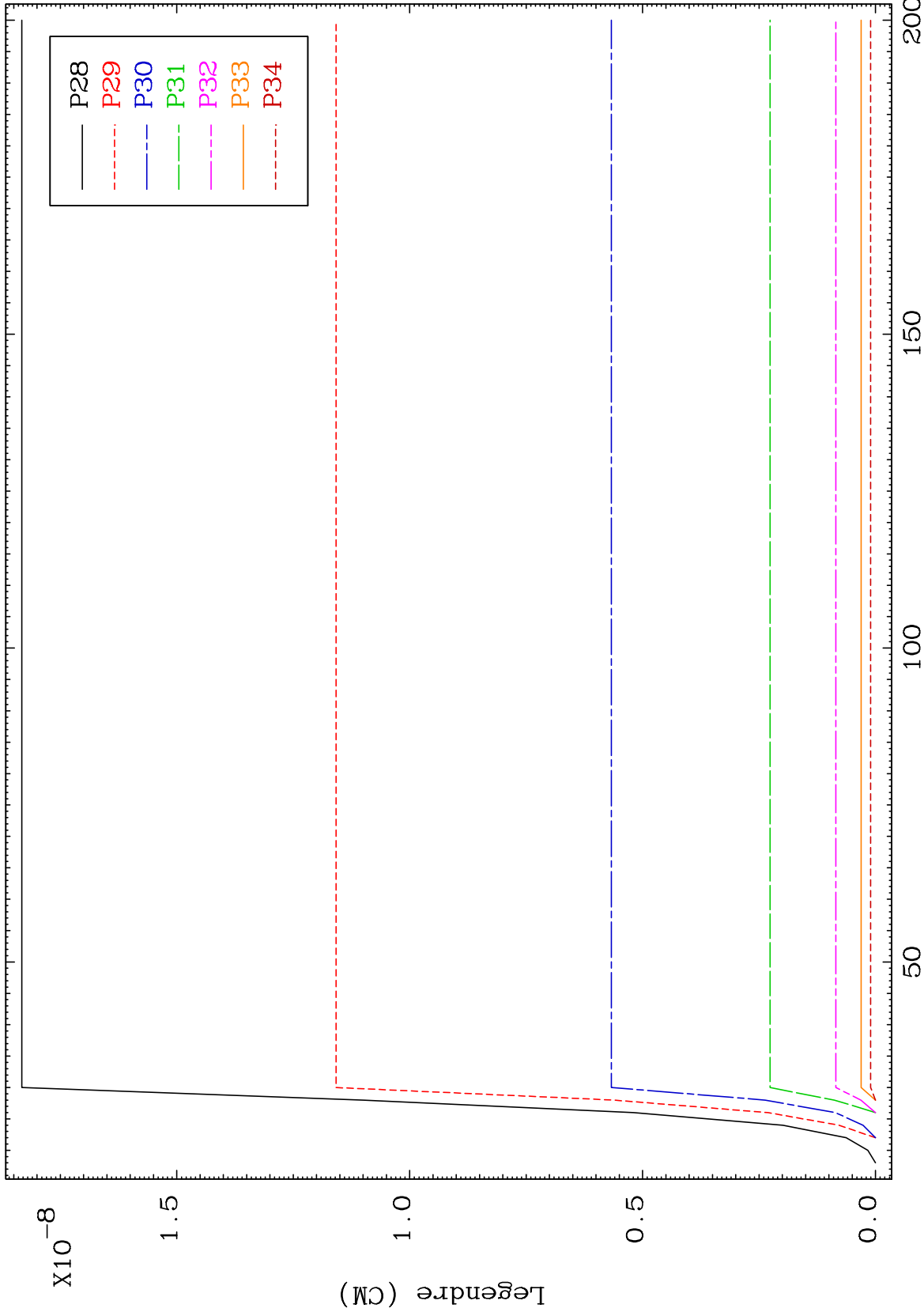
88

Incident Energy (MeV)

51-Sb-129



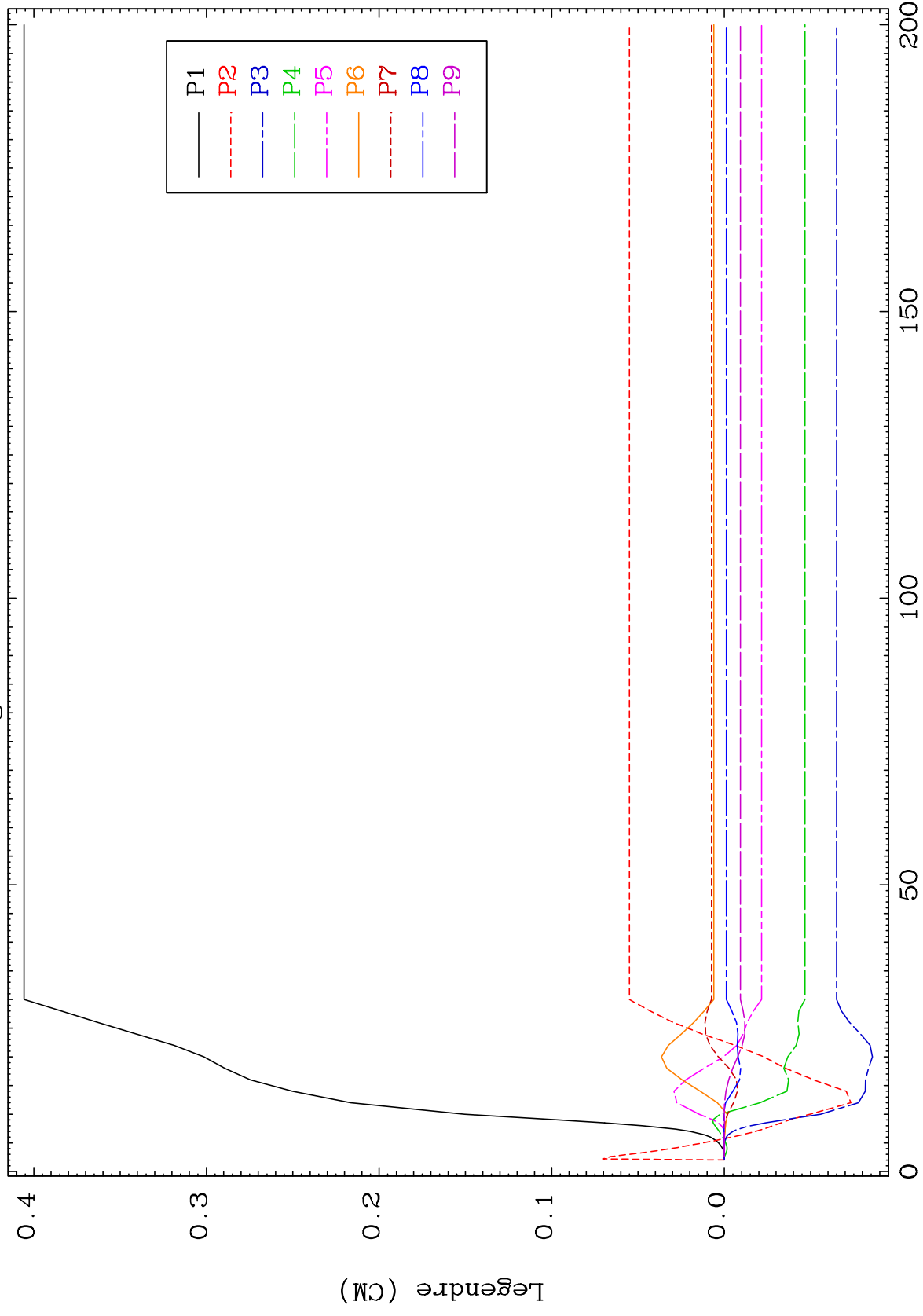




MAT 5149

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

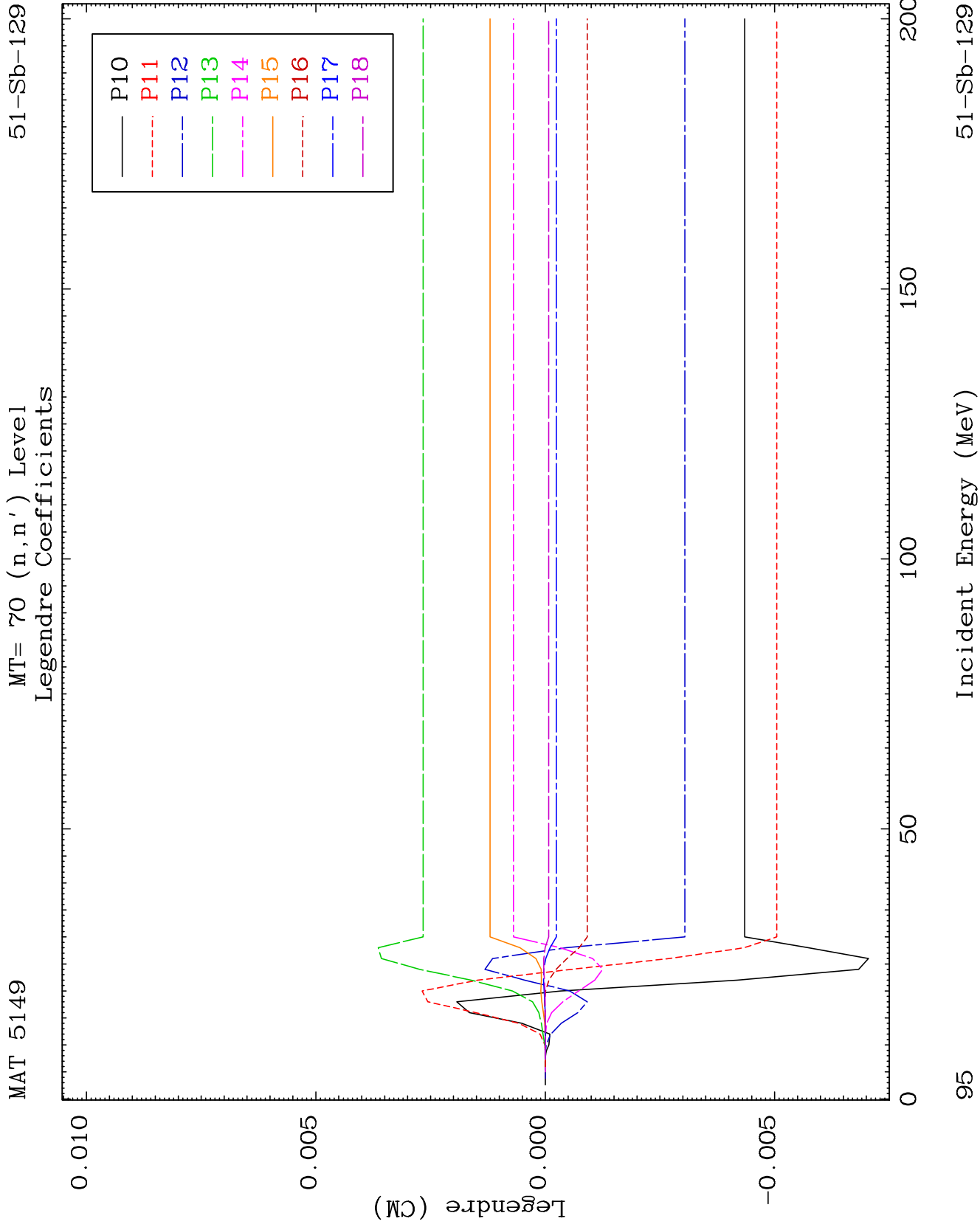
51-Sb-129

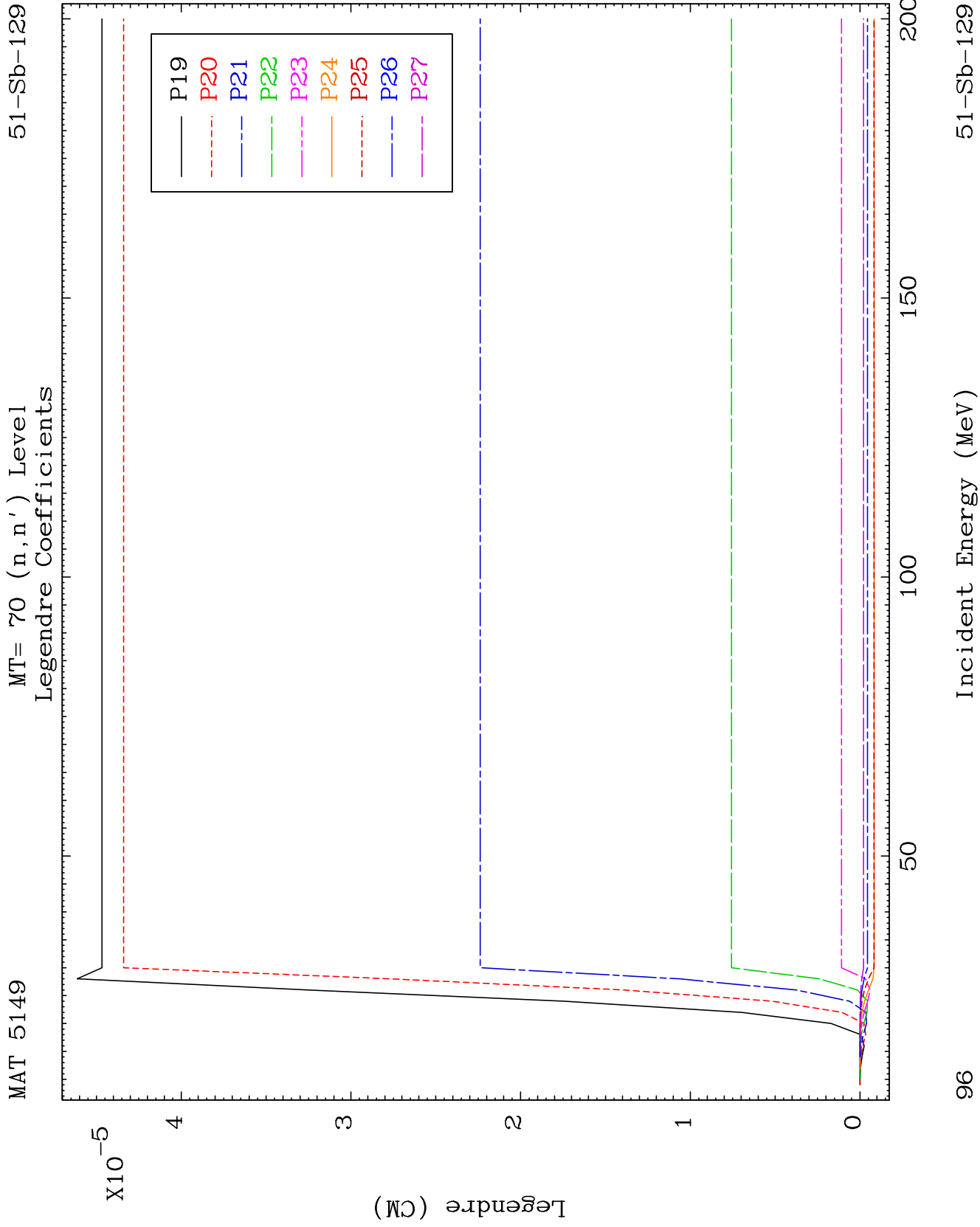


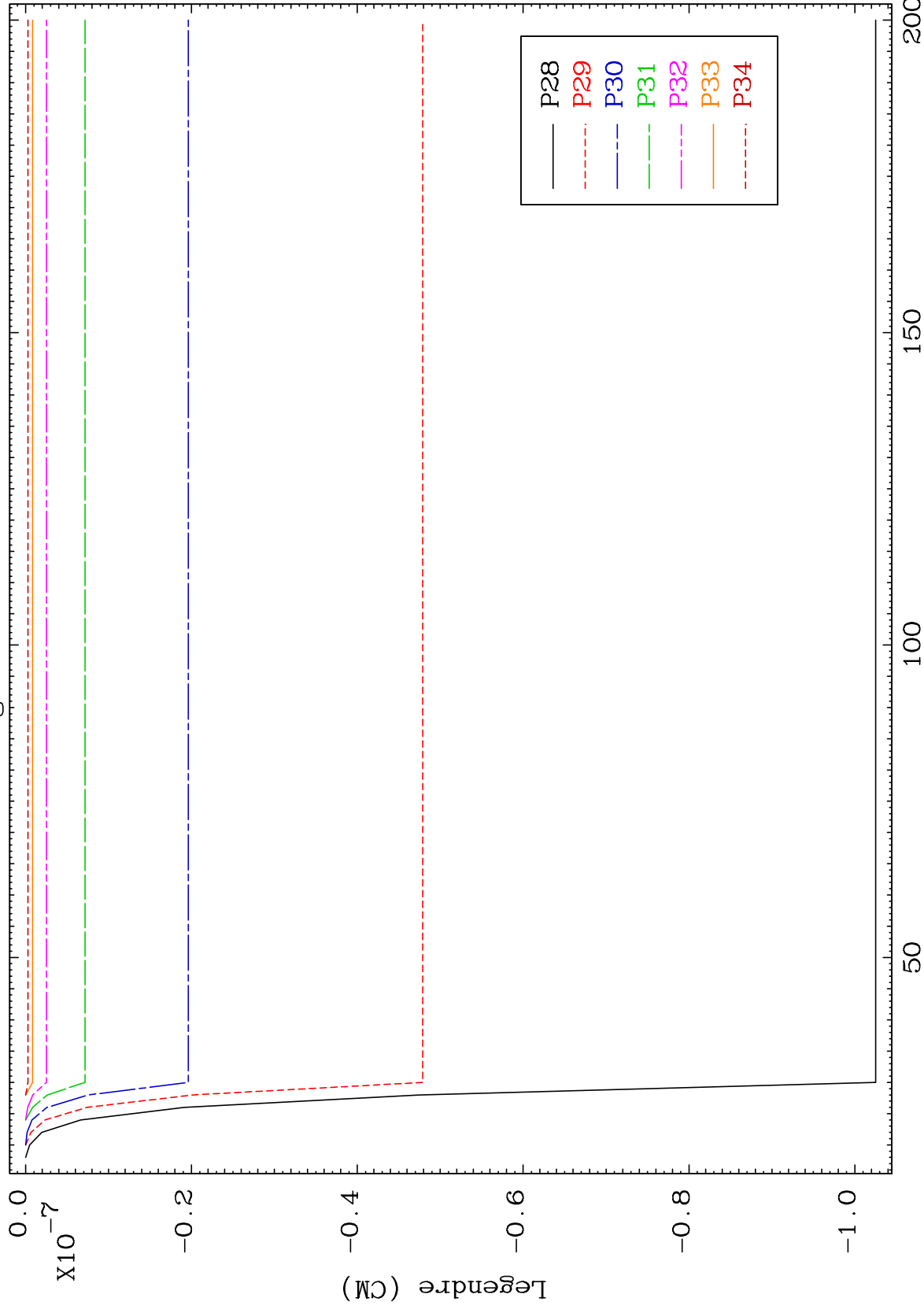
94

Incident Energy (MeV)

51-Sb-129



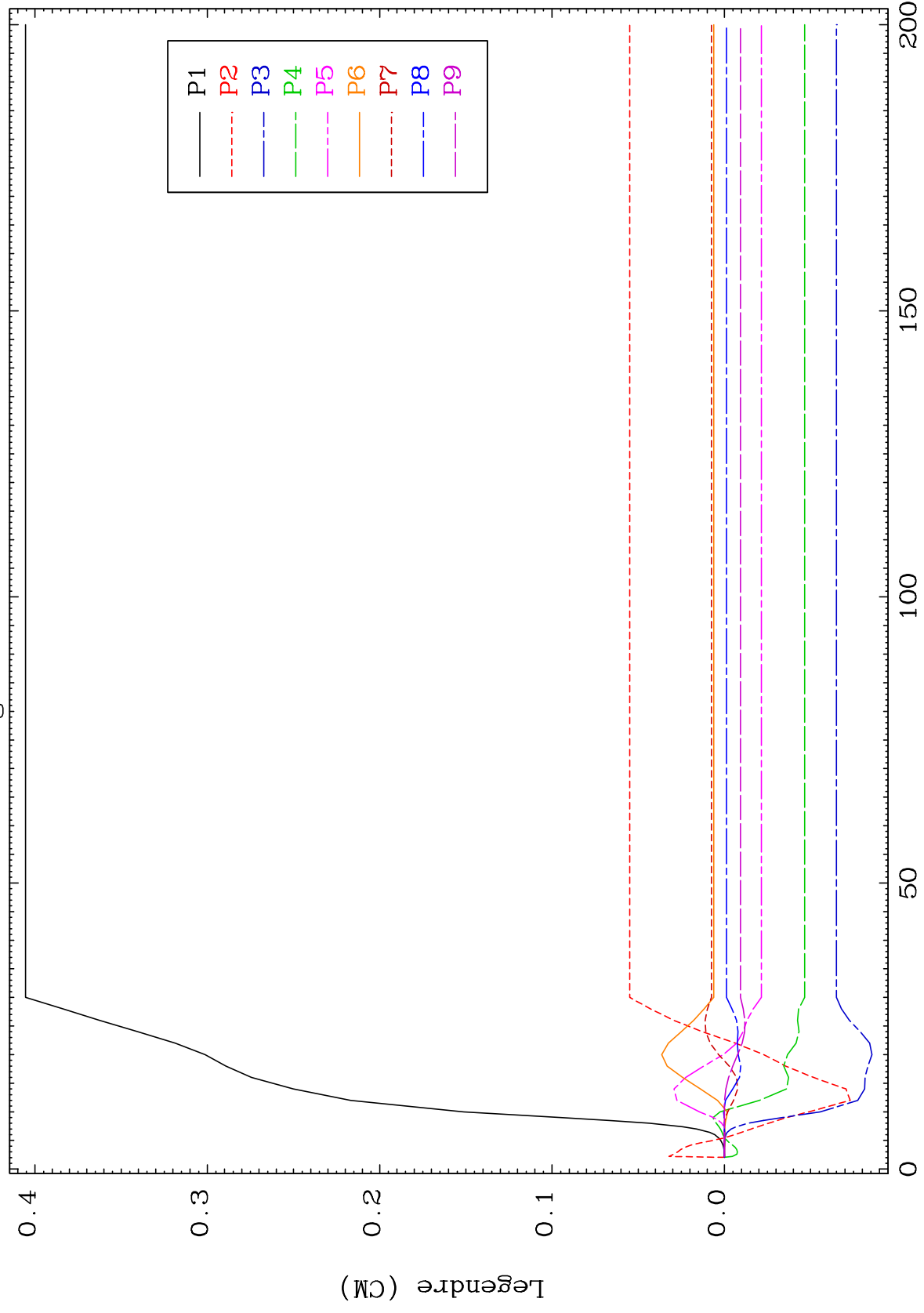




MAT 5149

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

51-Sb-129



89

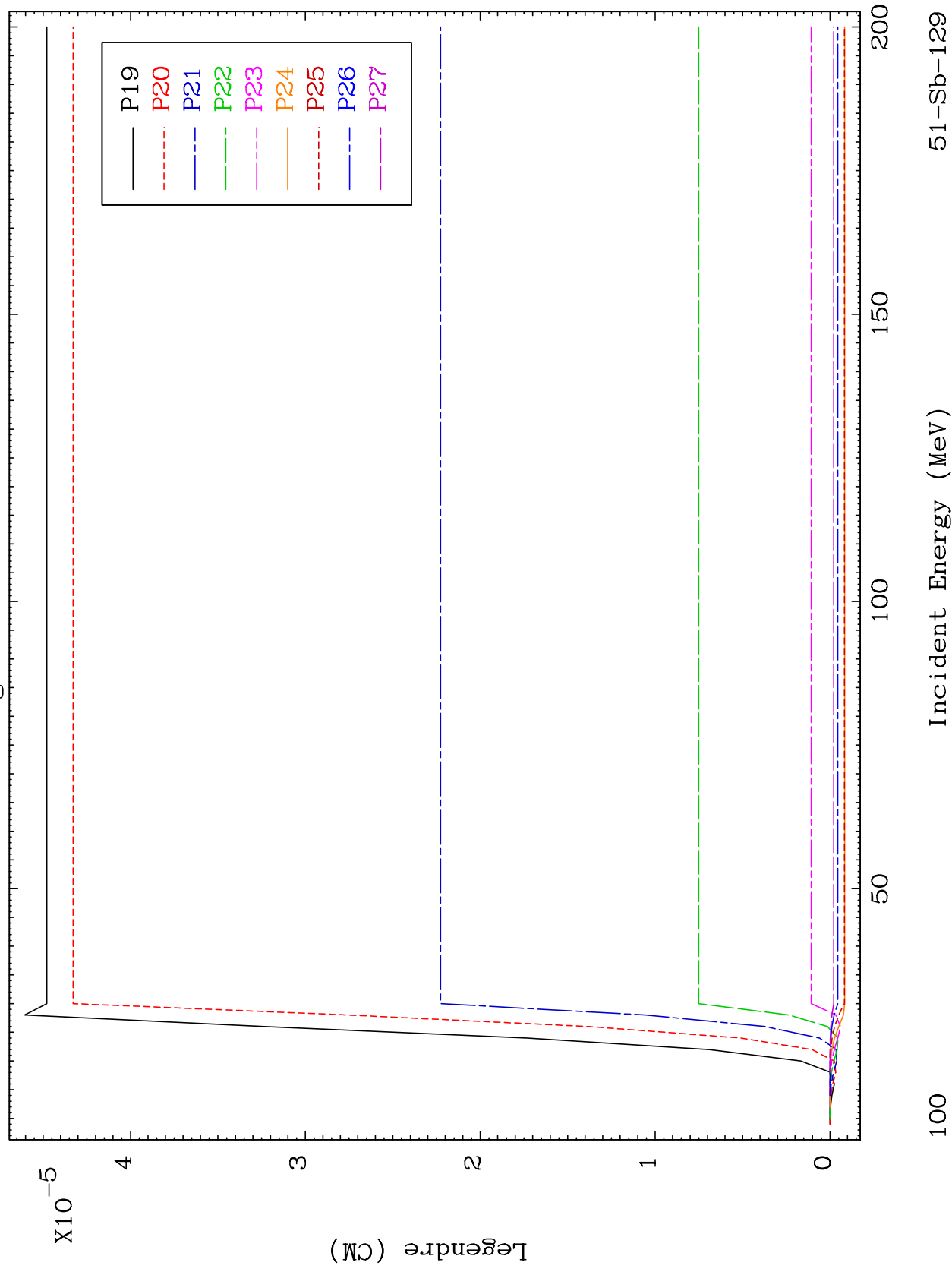
Incident Energy (MeV)

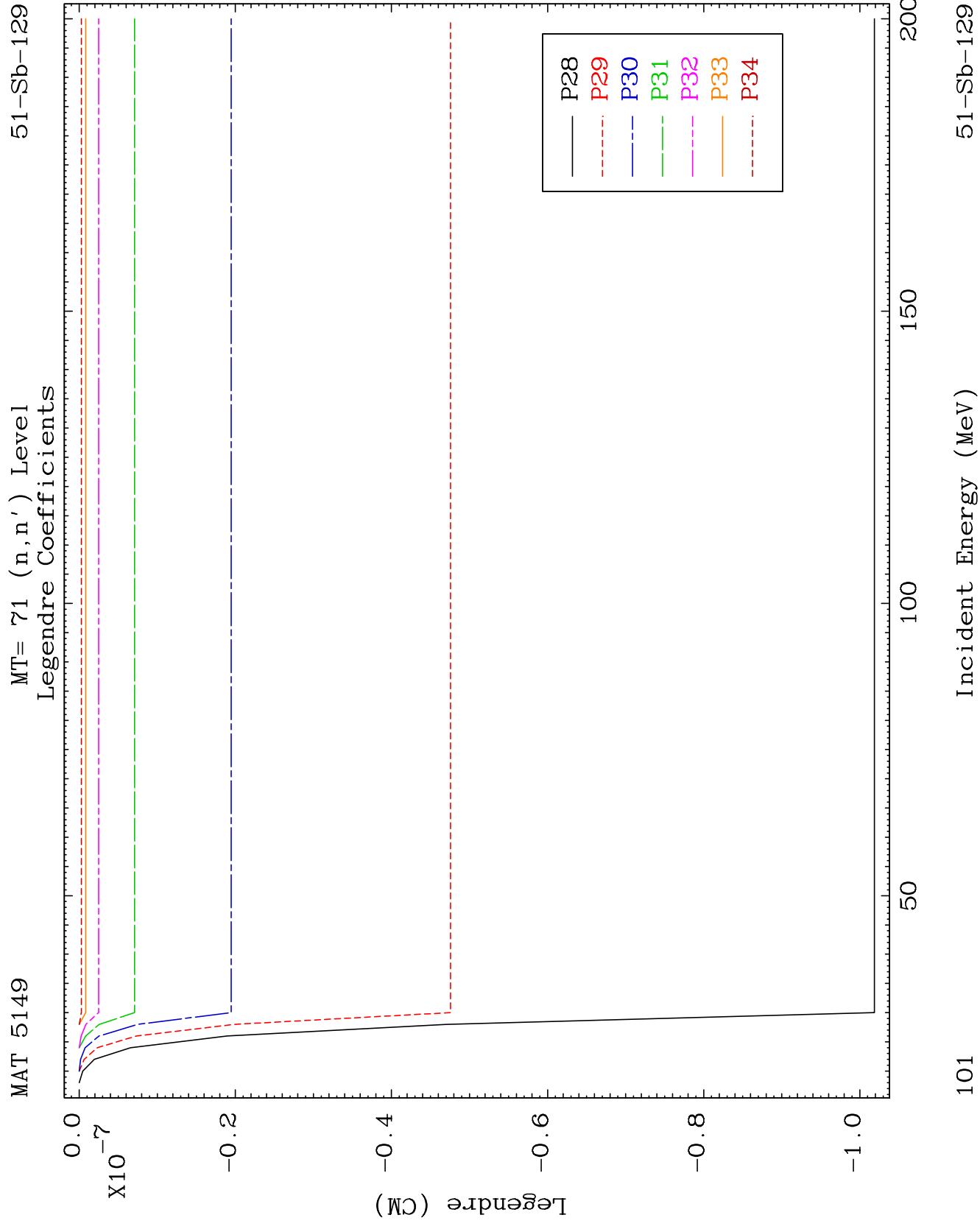
51-Sb-129

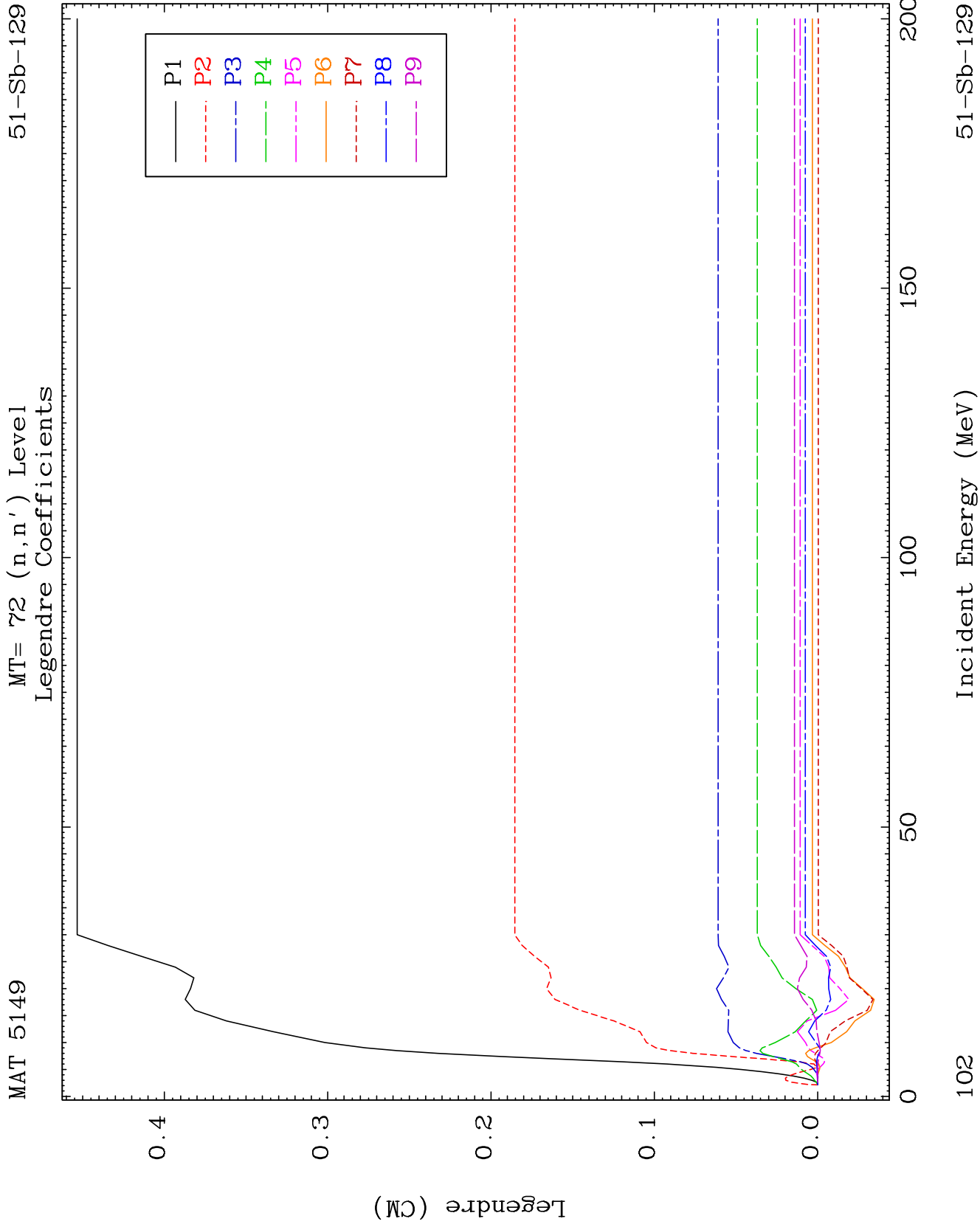
MAT 5149

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

51-Sb-129



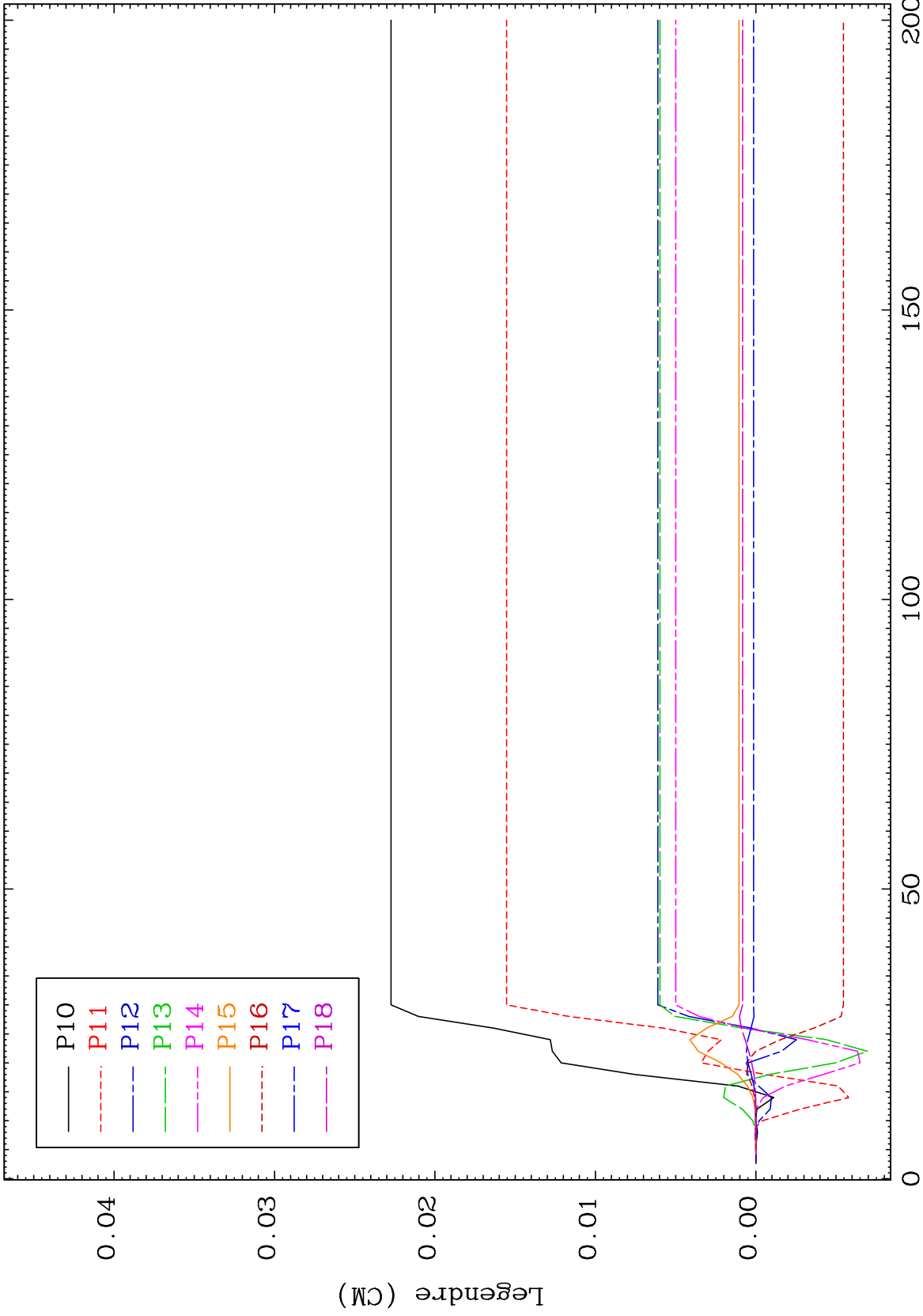




MAT 5149 MT= 72 (n,n') Level Legendre Coefficients

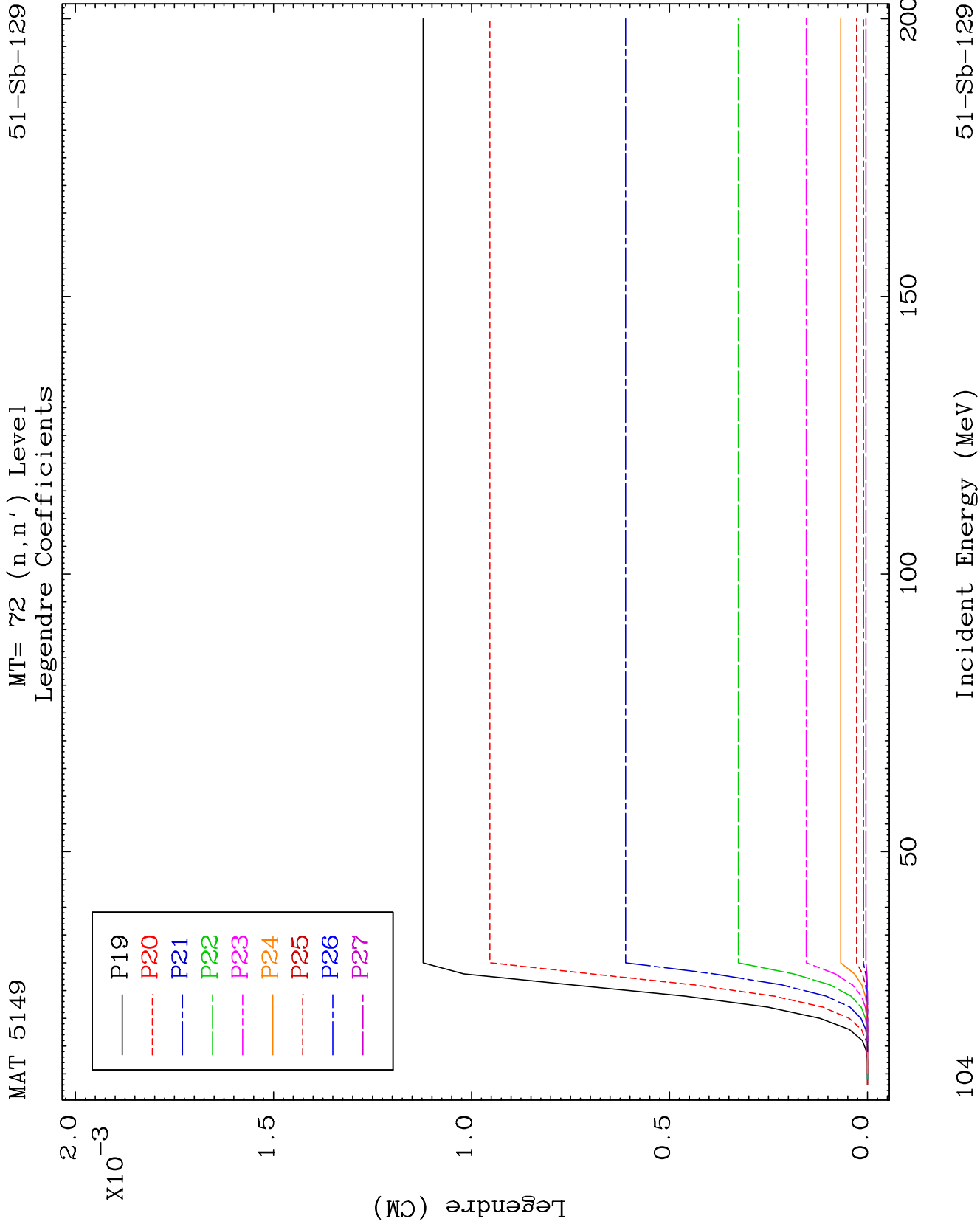
51-Sb-129

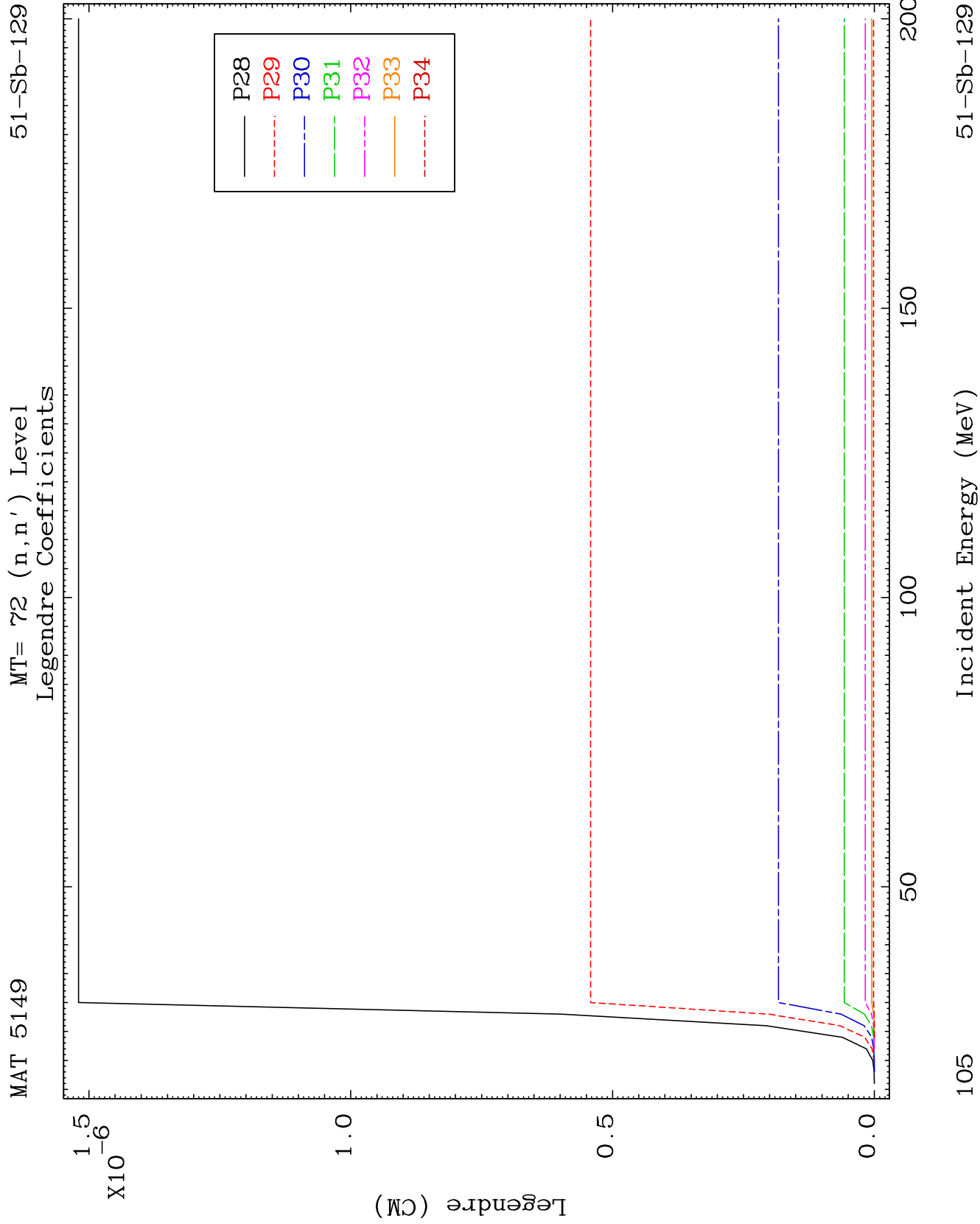
MAT 5149



51-Sb-129

103

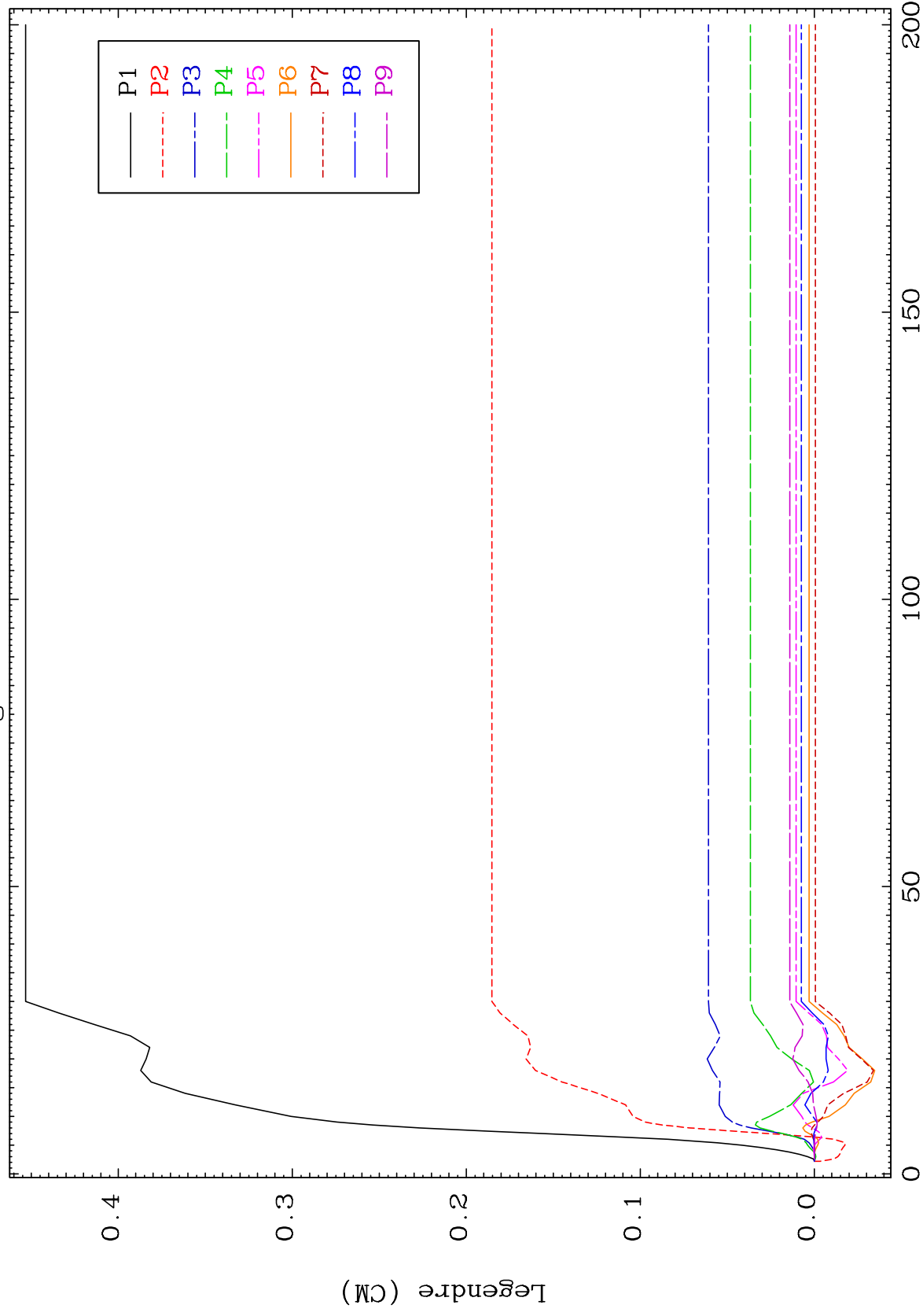




MAT 5149

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

51-Sb-129

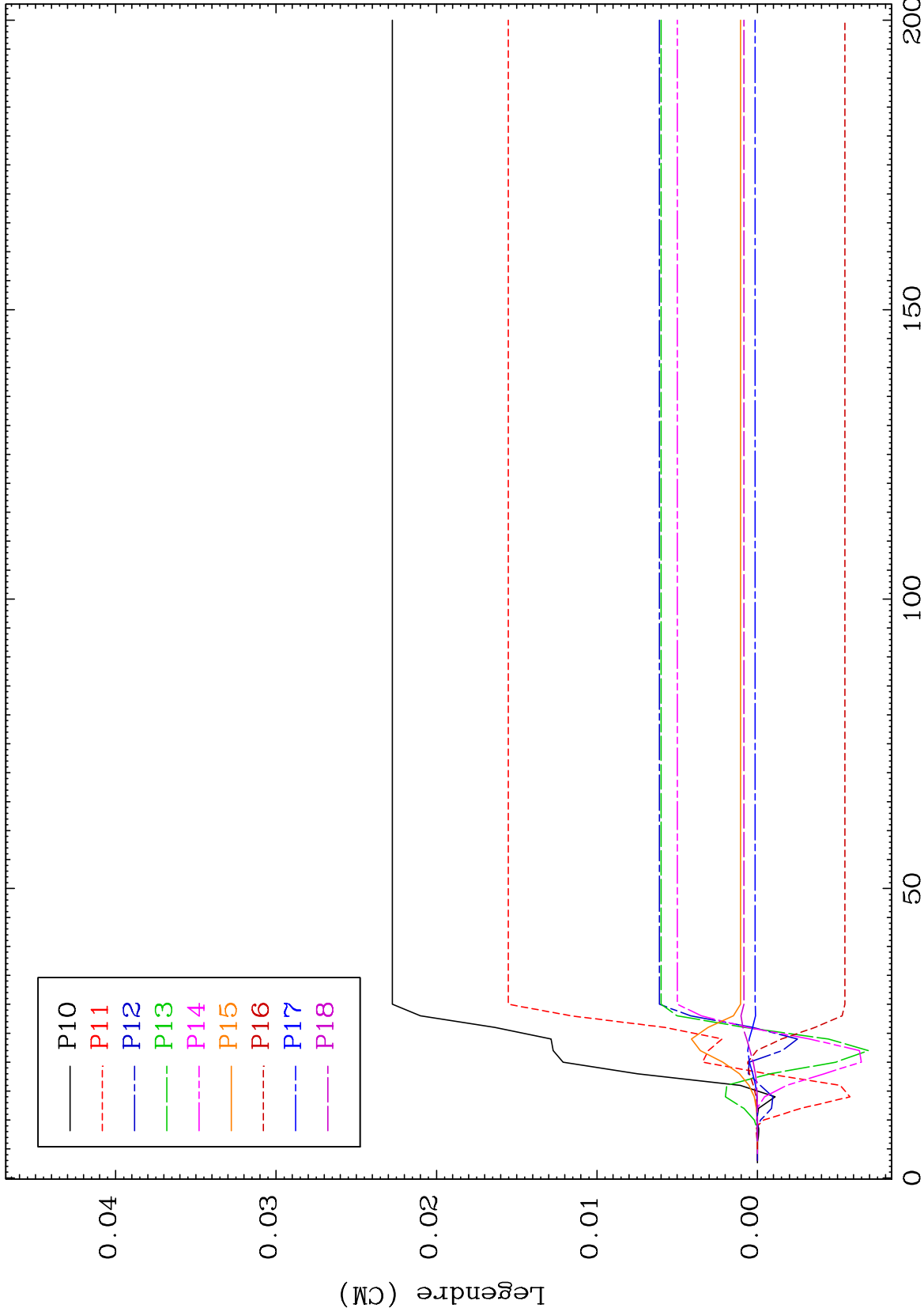


106

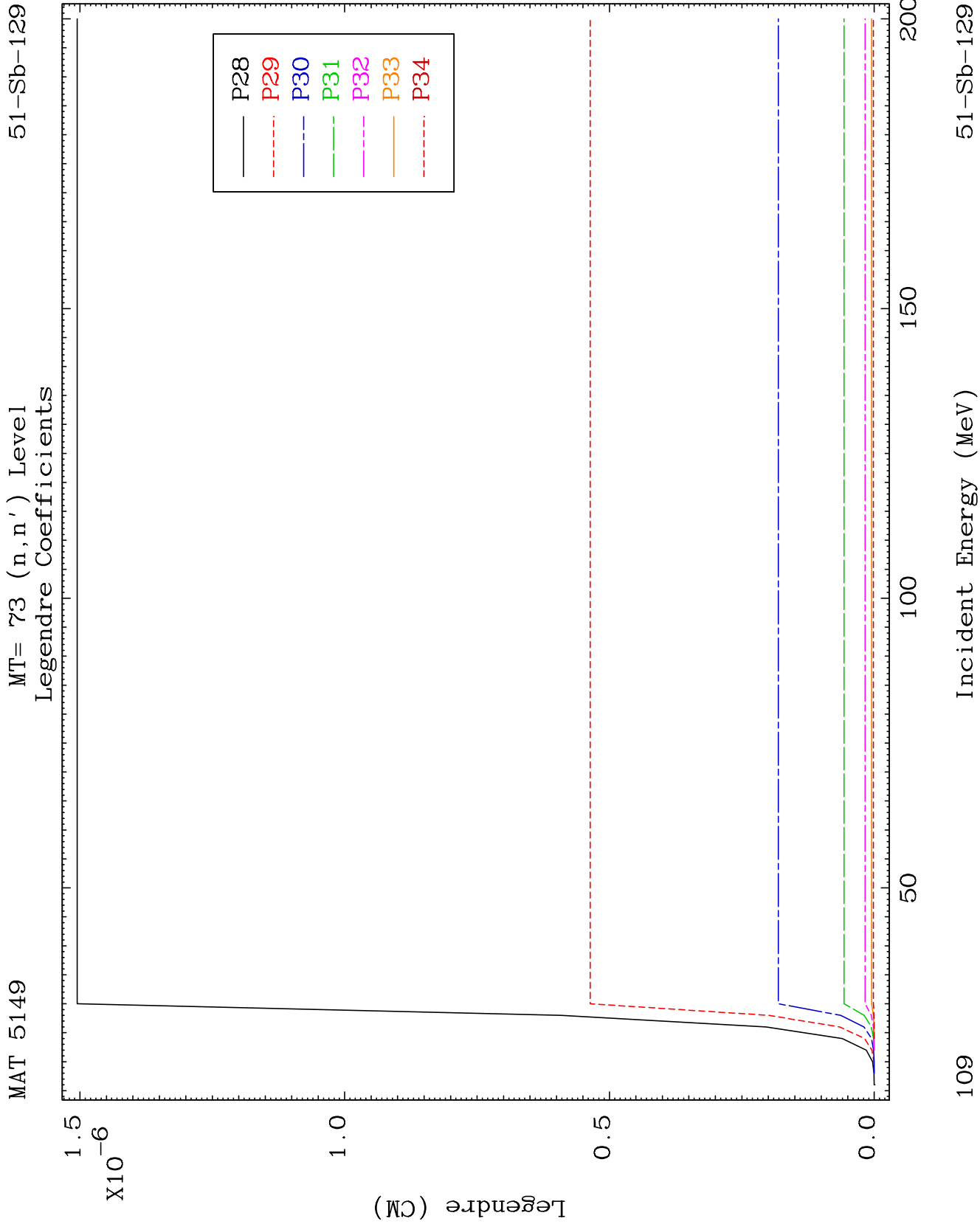
Incident Energy (MeV)

51-Sb-129

MAT 5149 MT= 73 (n,n') Level Legendre Coefficients 51-Sb-129

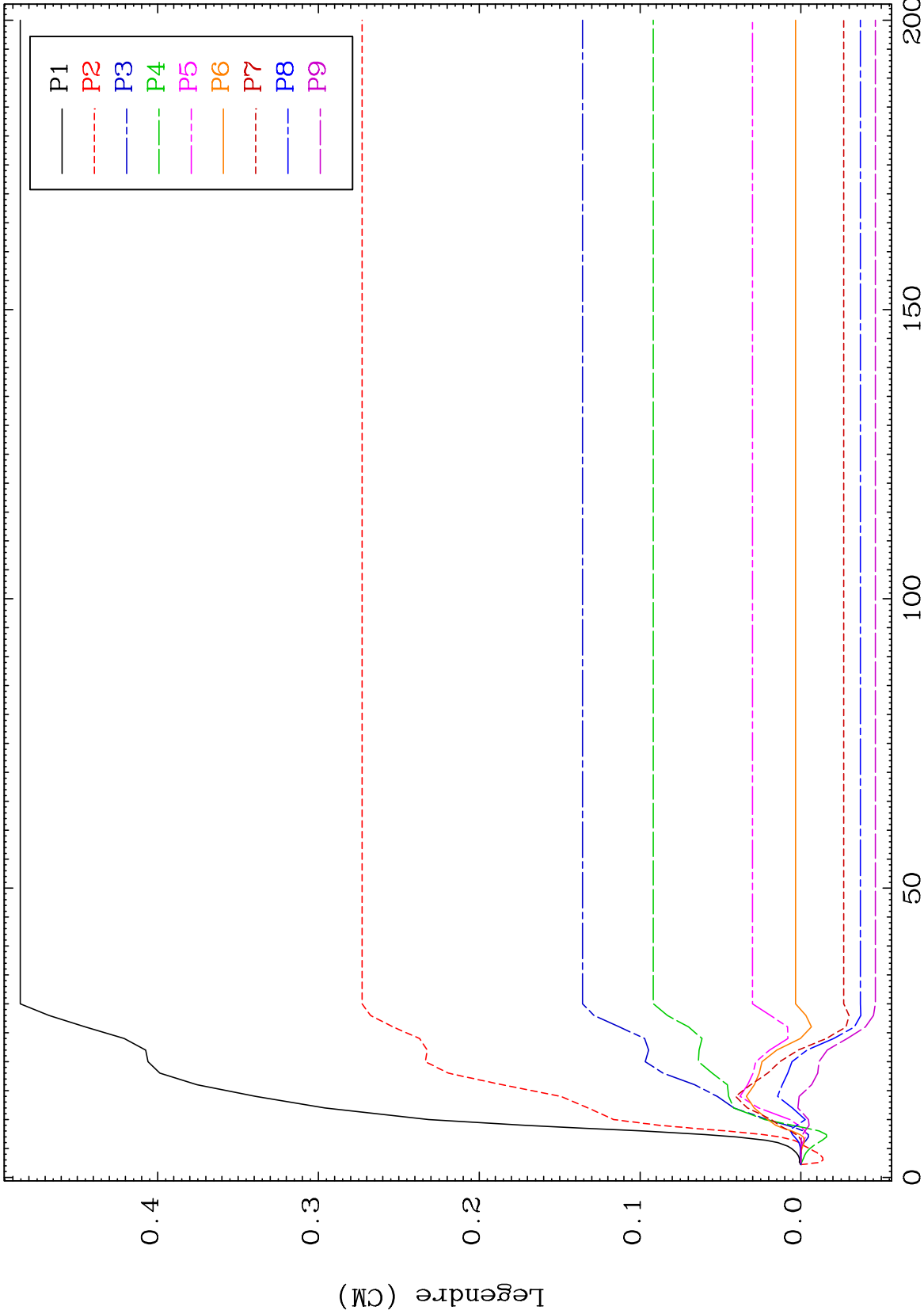


107 51-Sb-129



MAT 5149 MT= 74 (n,n') Level 51-Sb-129

Legendre Coefficients

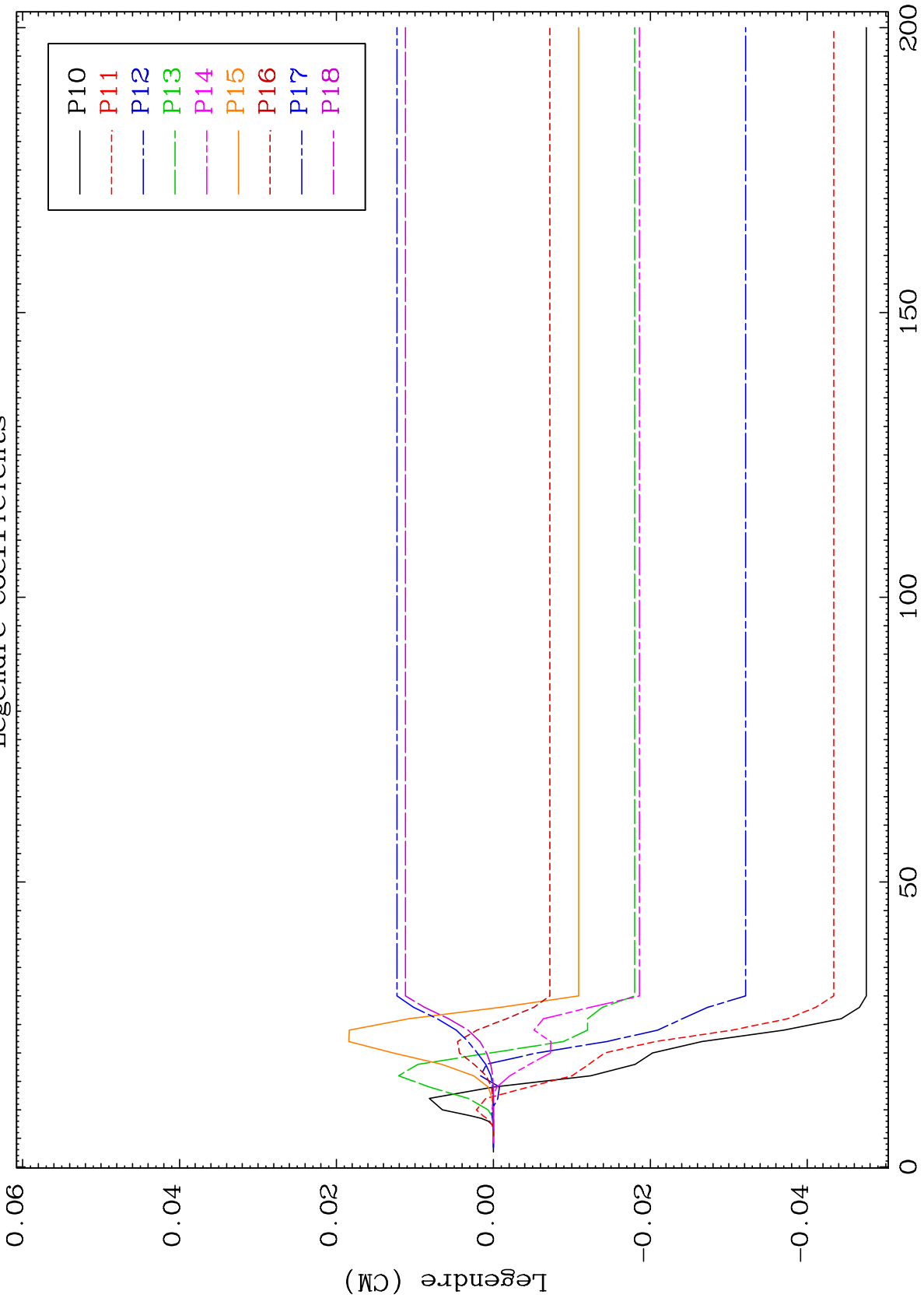


110 51-Sb-129

MAT 5149

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

51-Sb-129

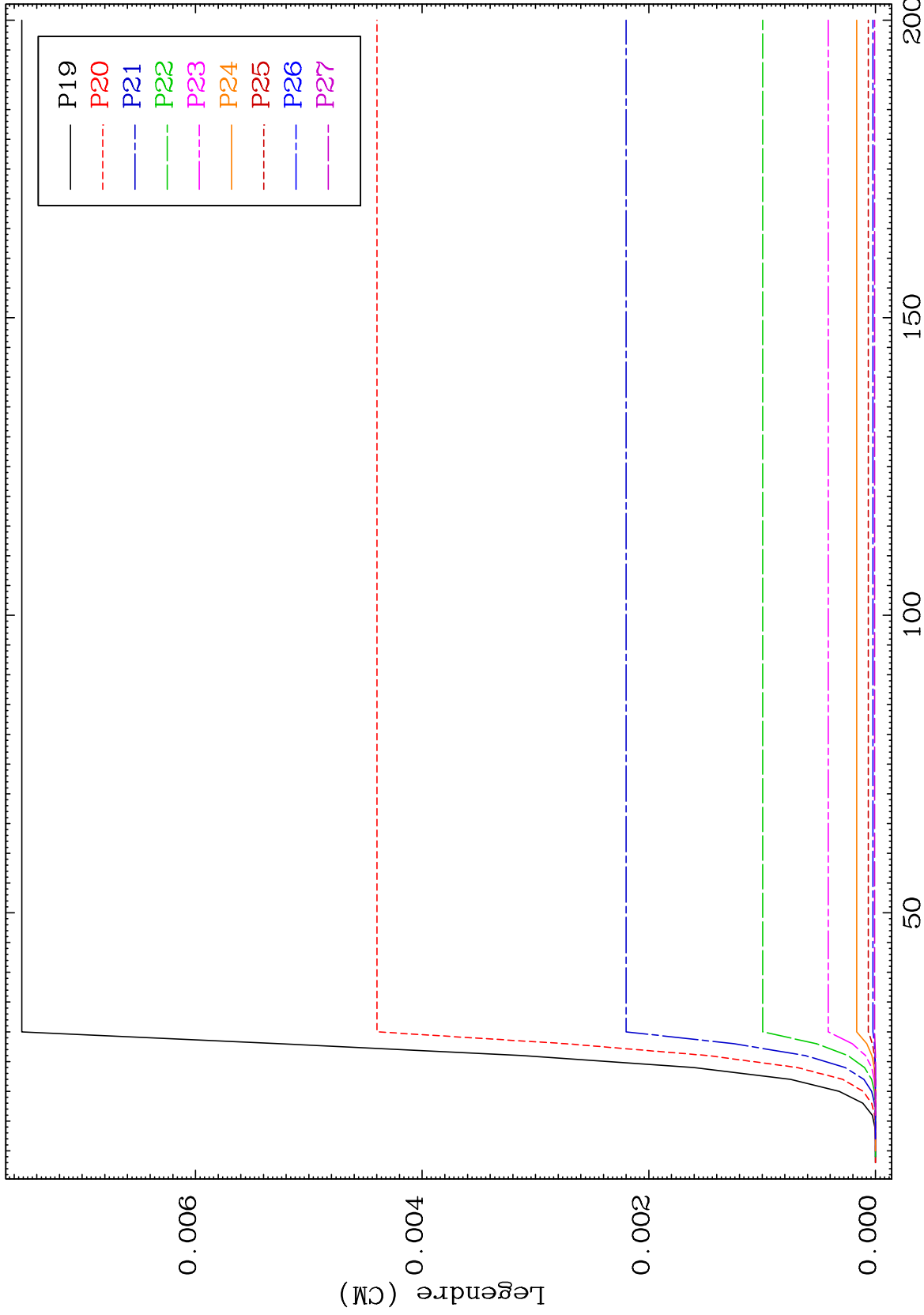


111

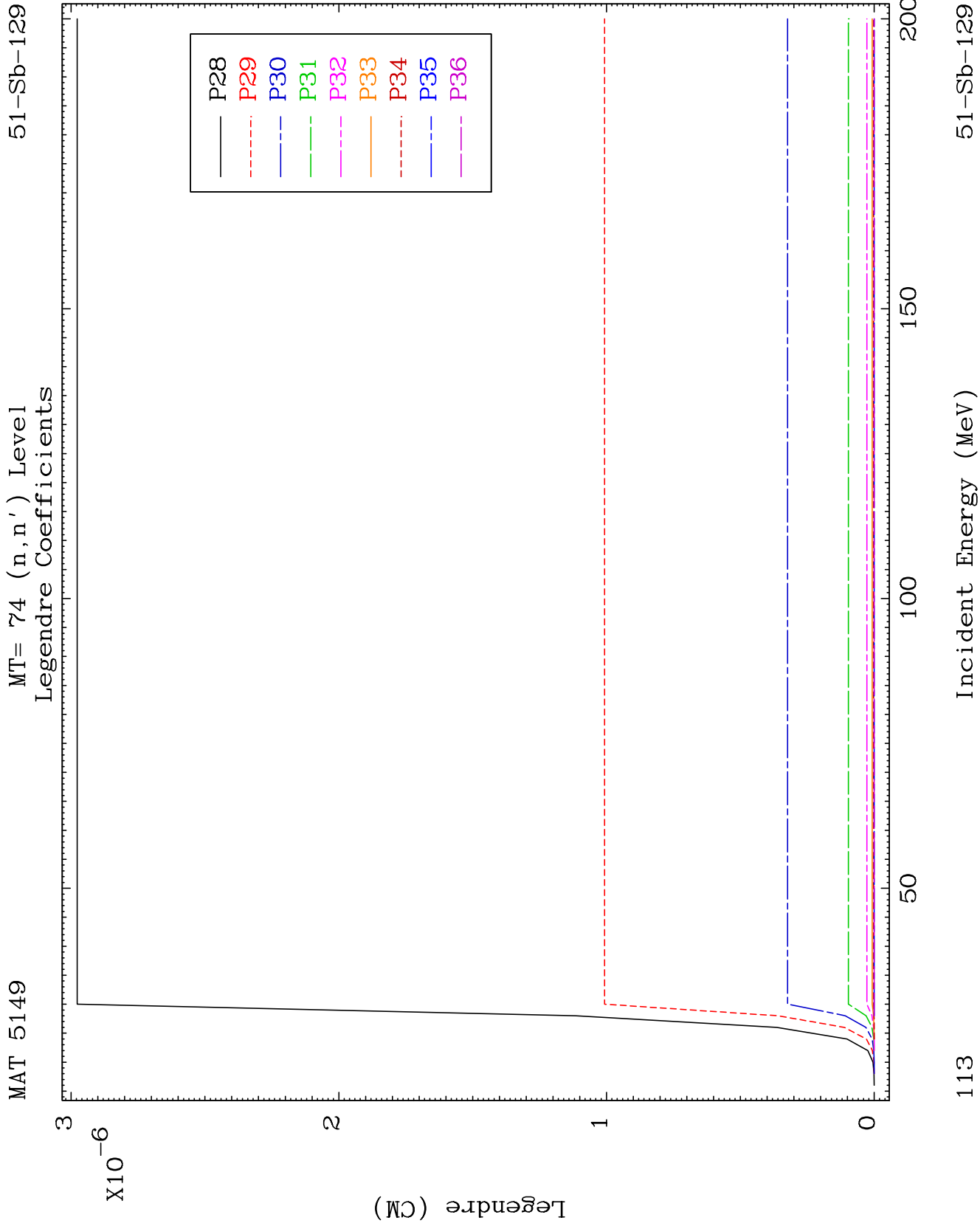
Incident Energy (MeV)

51-Sb-129

MAT 5149 MT= 74 (n,n') Level Legendre Coefficients 51-Sb-129



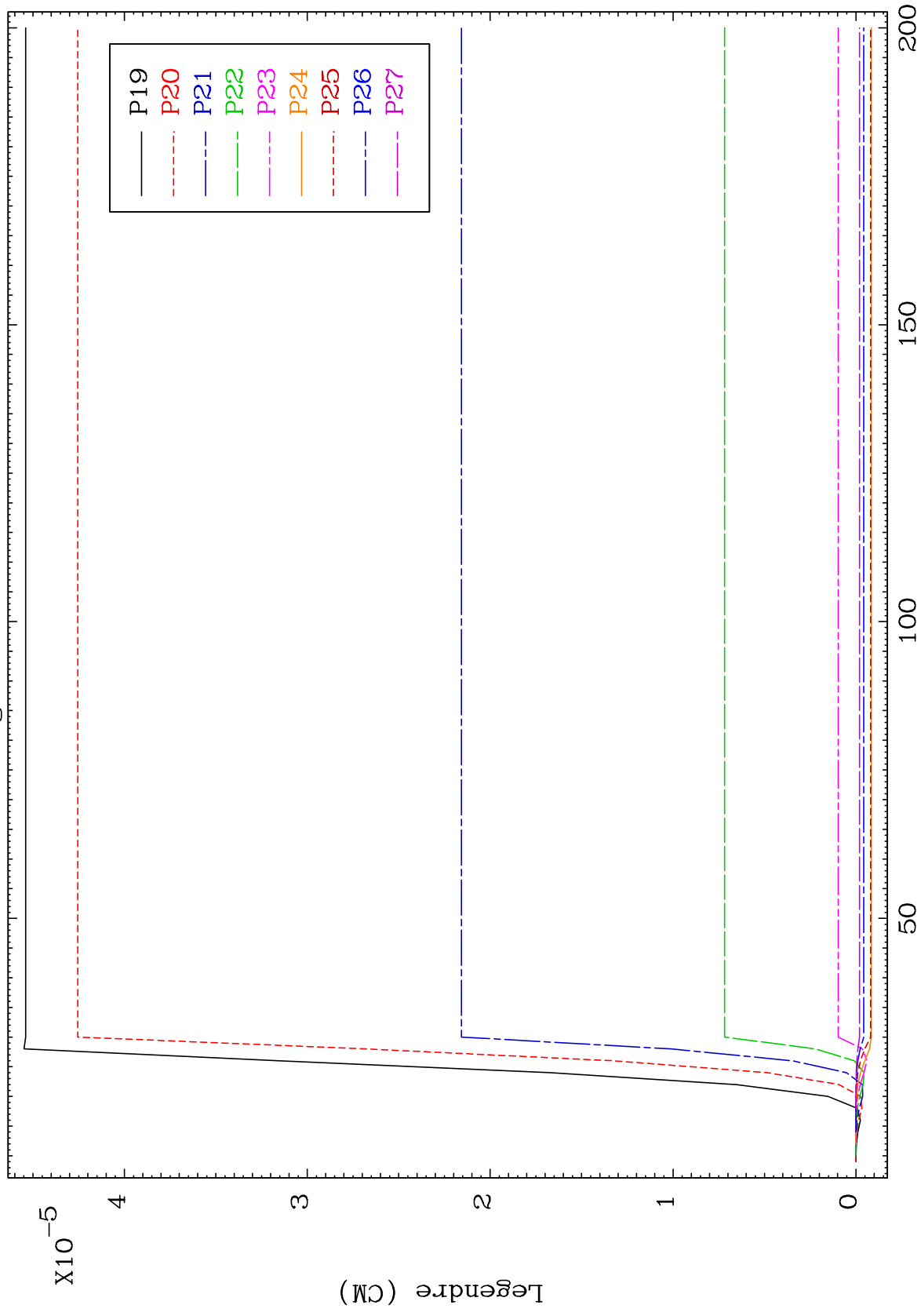
112 51-Sb-129



MAT 5149

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

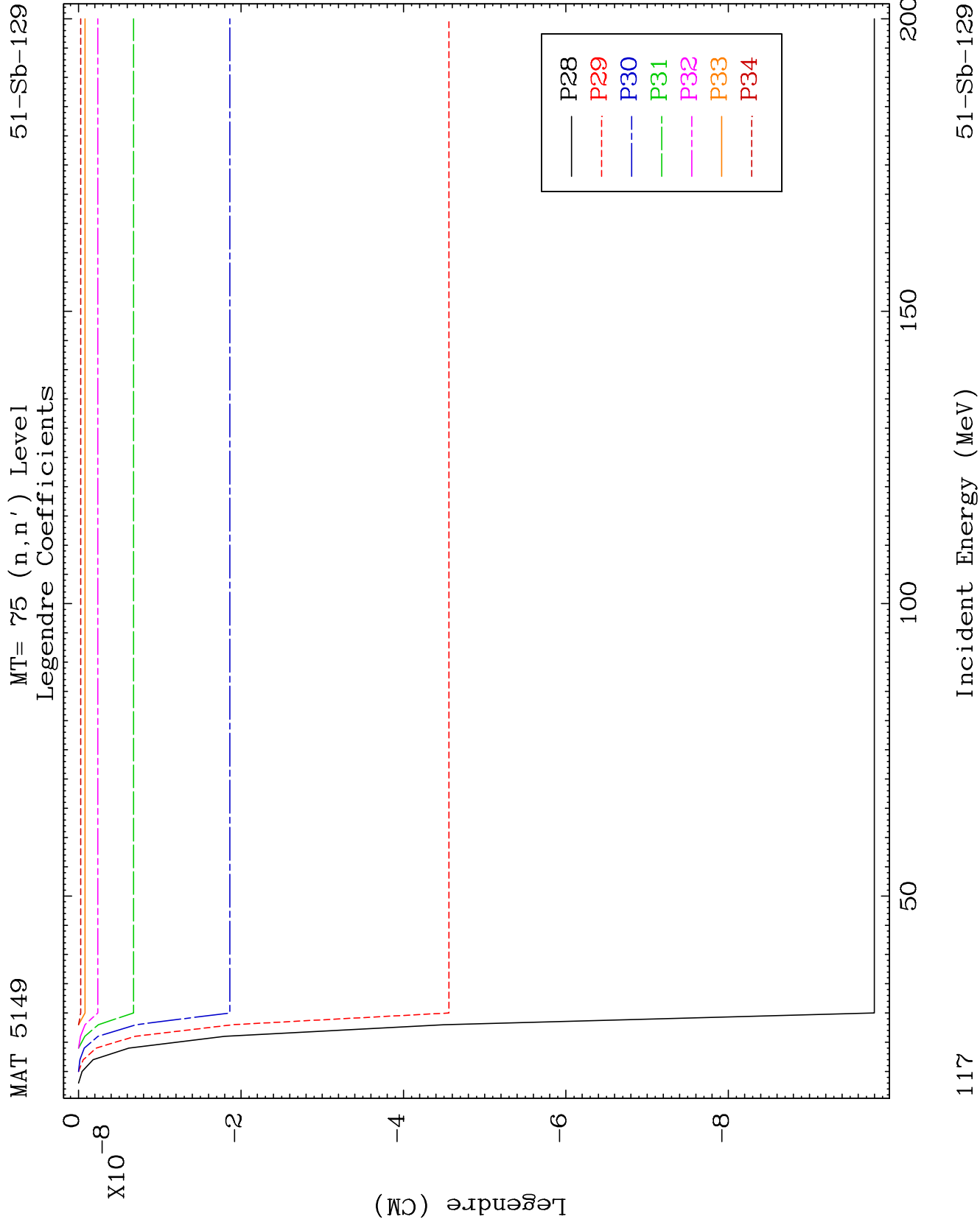
51-Sb-129

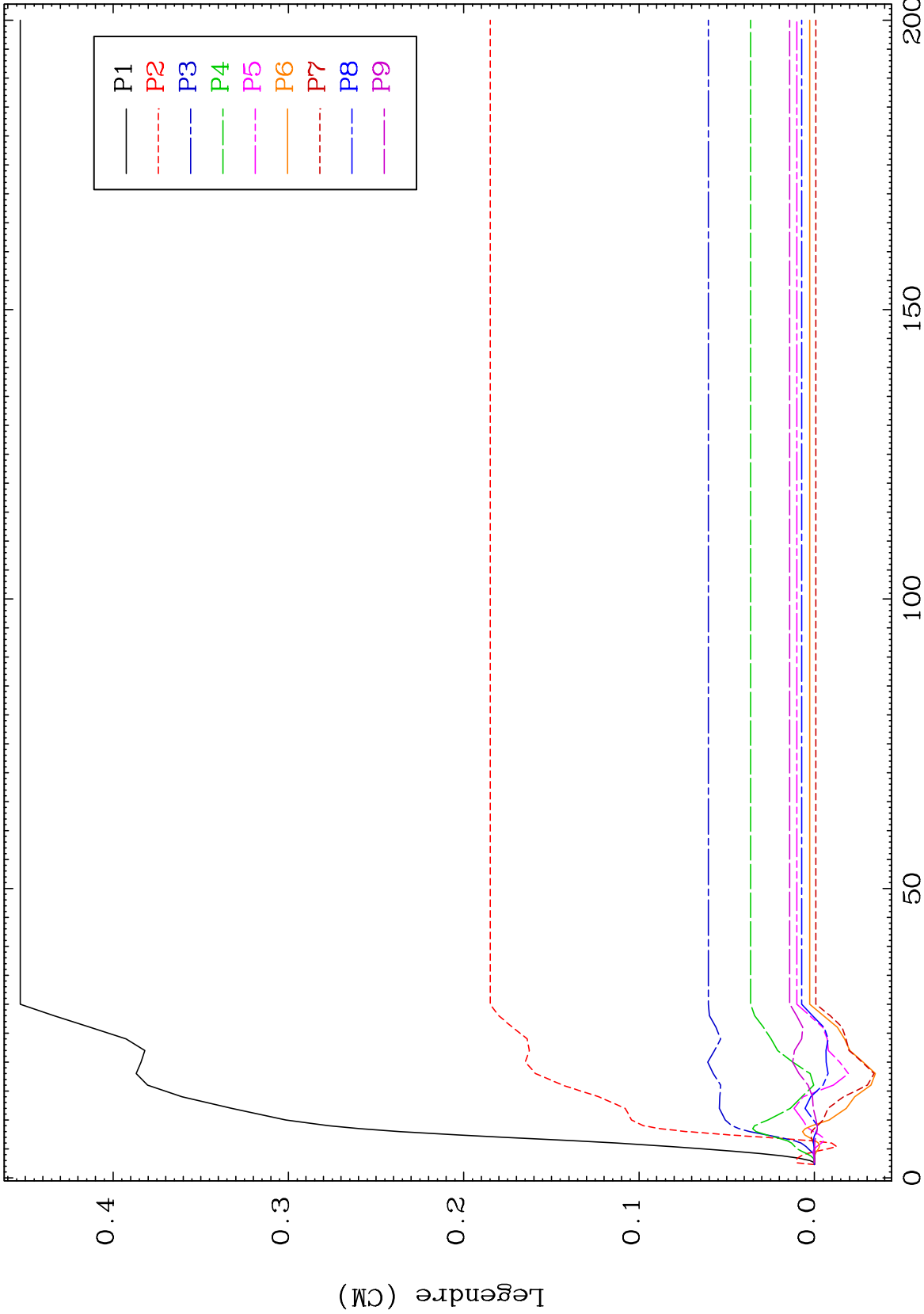


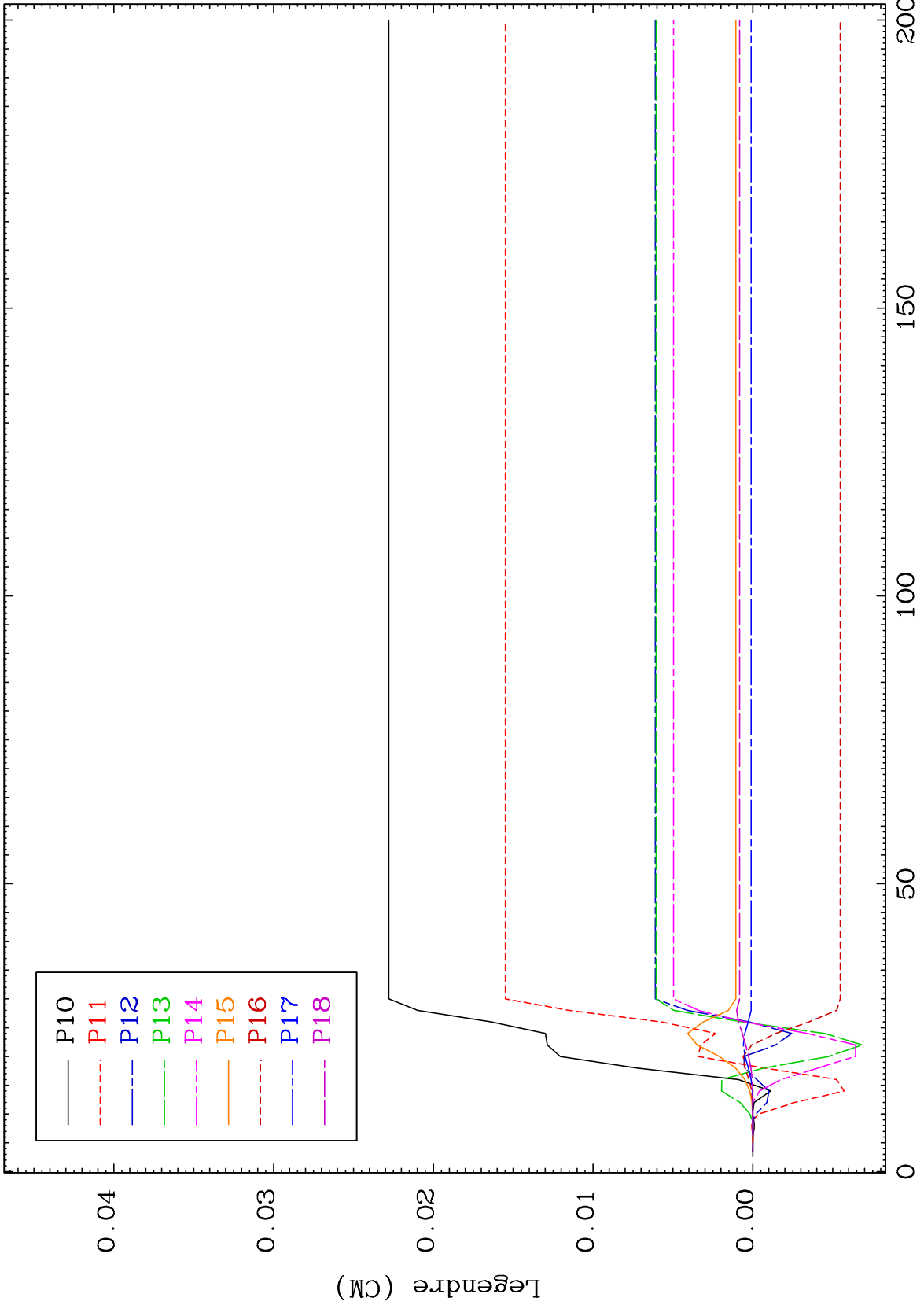
116

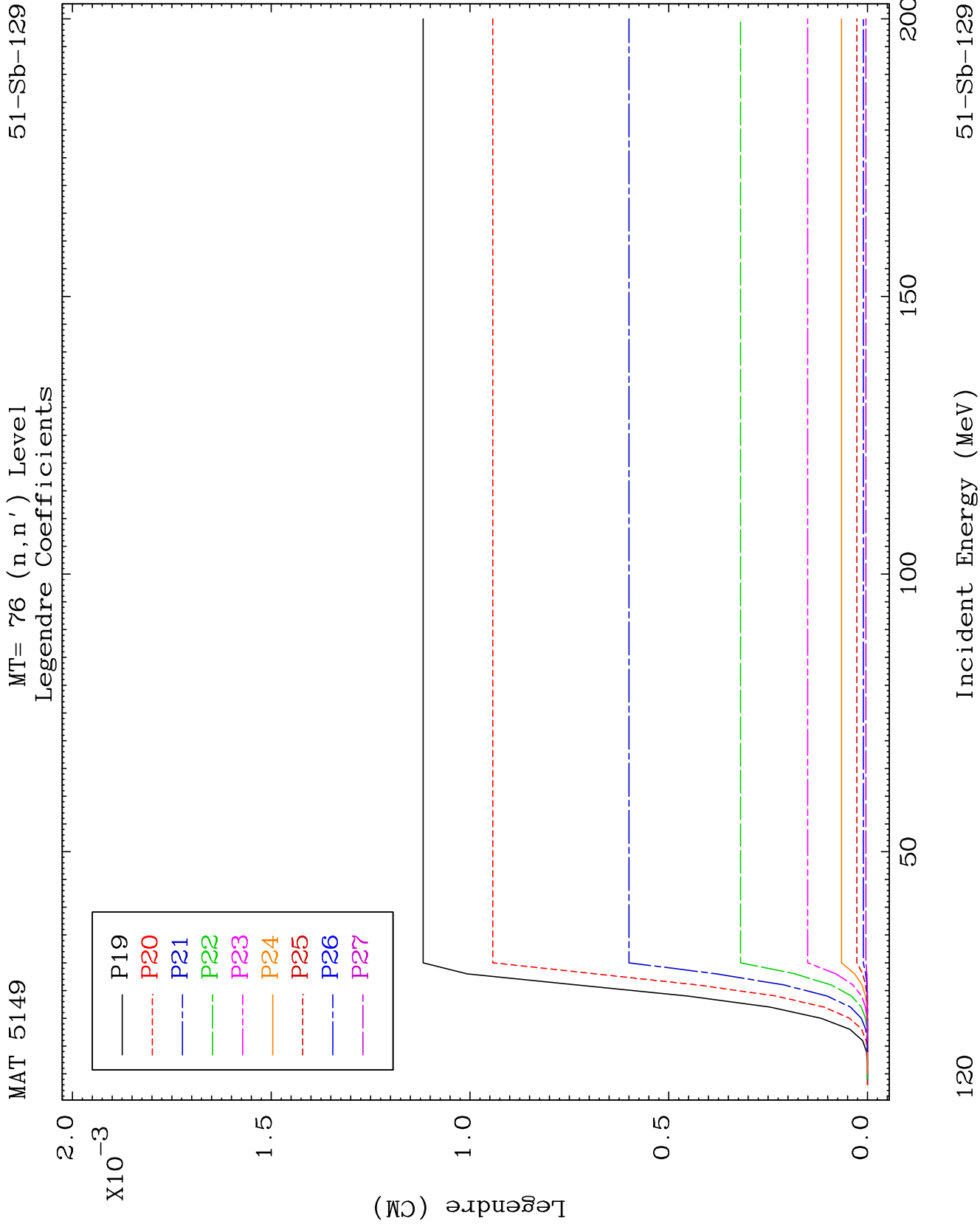
Incident Energy (MeV)

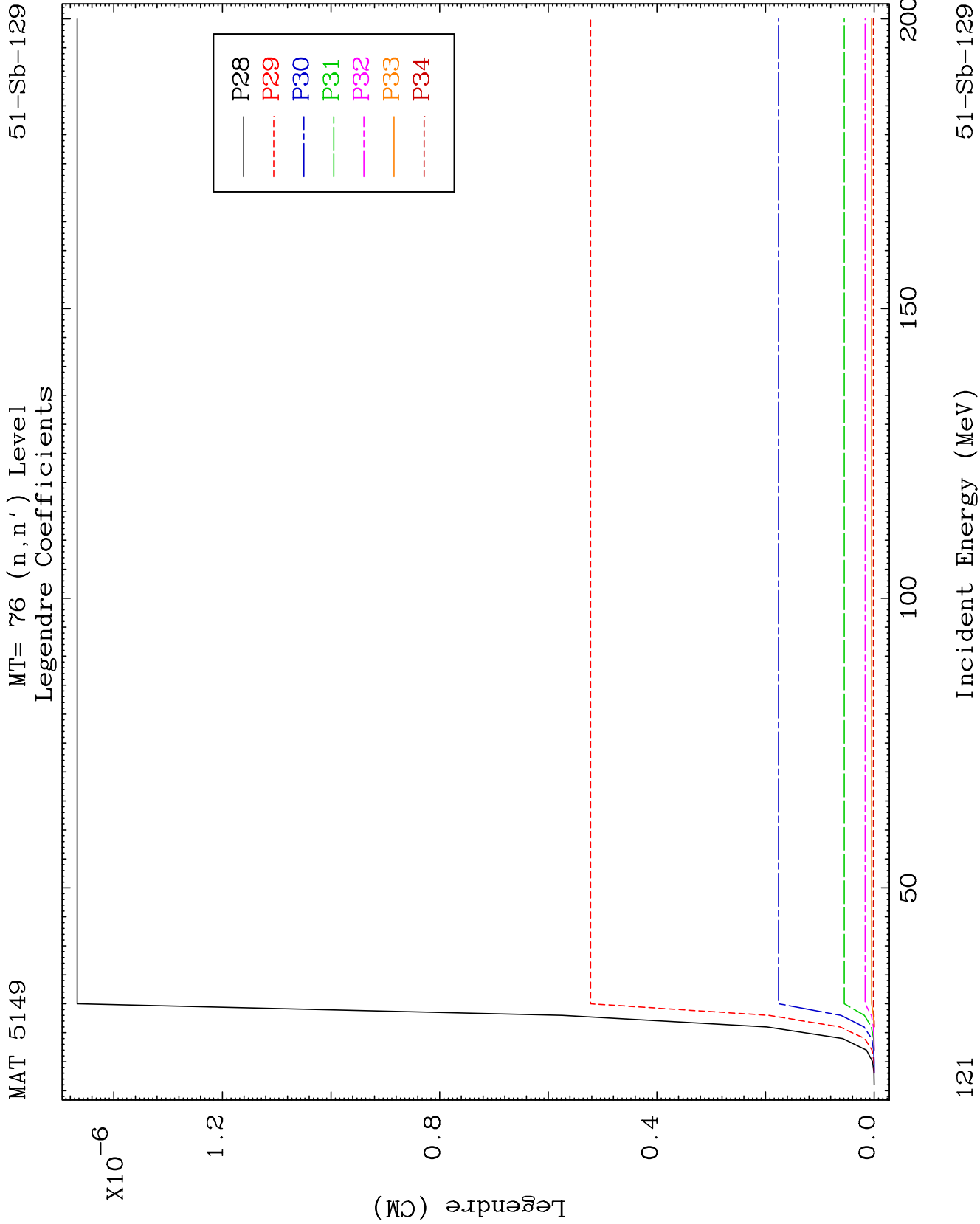
51-Sb-129







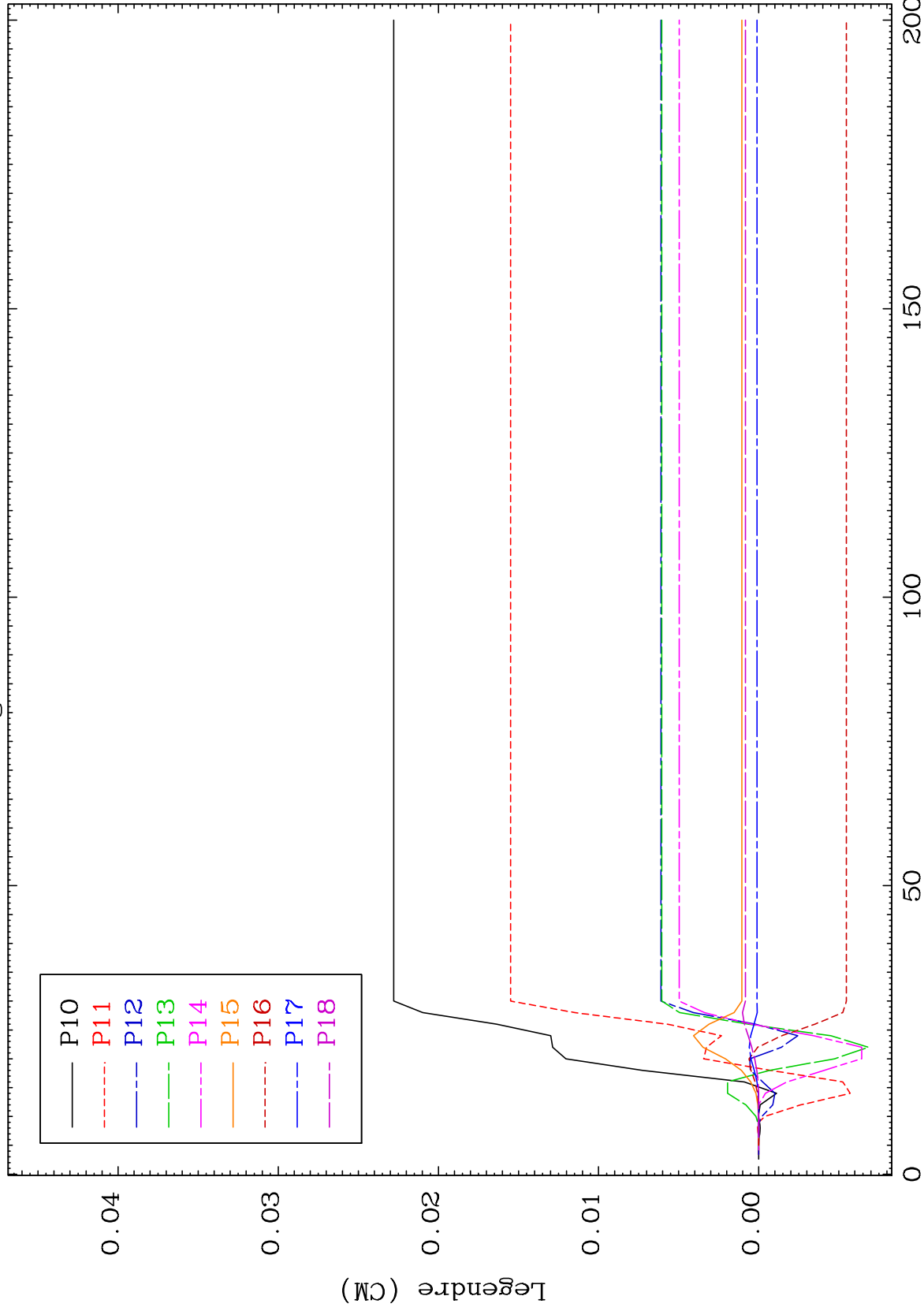




MAT 5149

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

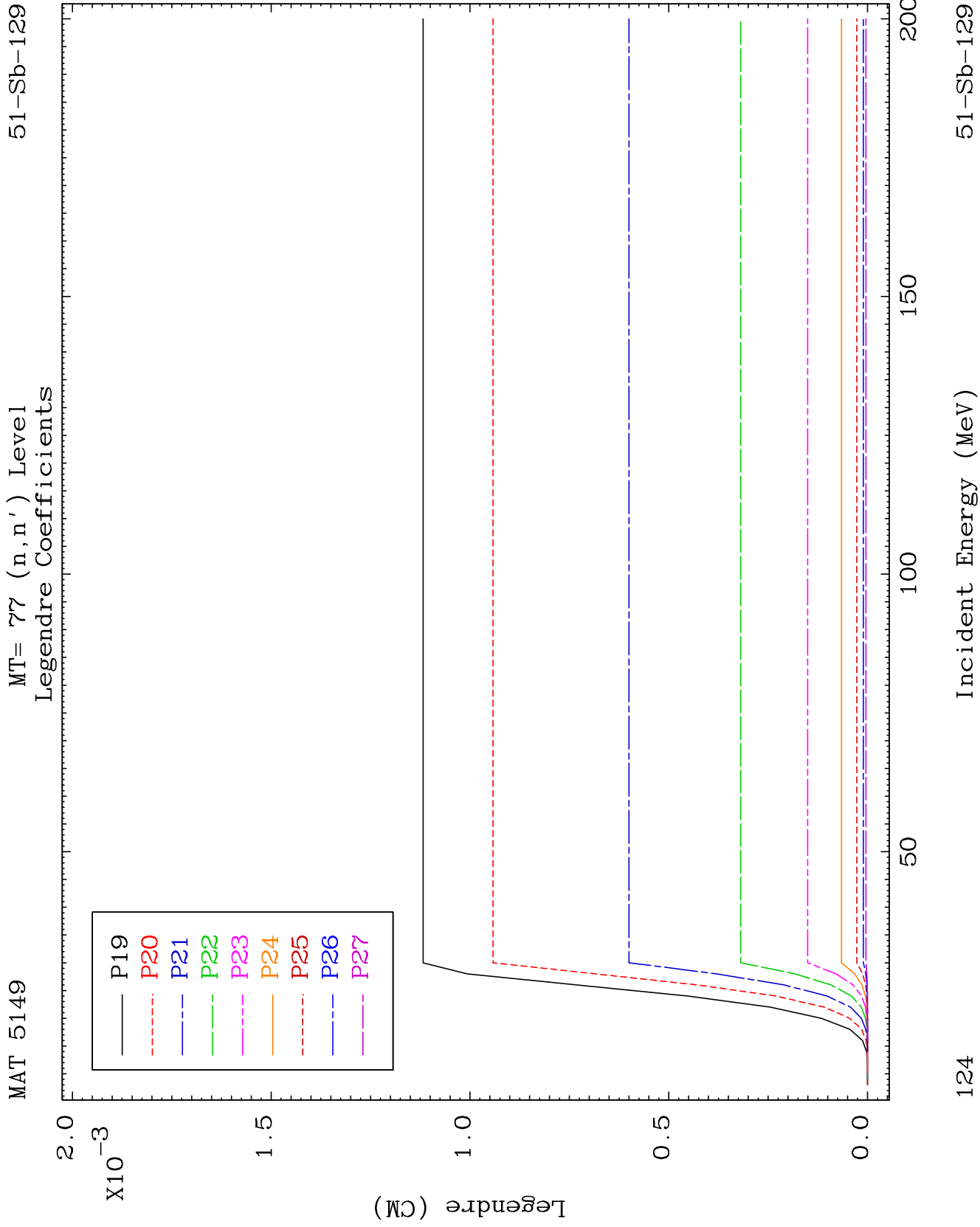
51-Sb-129



123

Incident Energy (MeV)

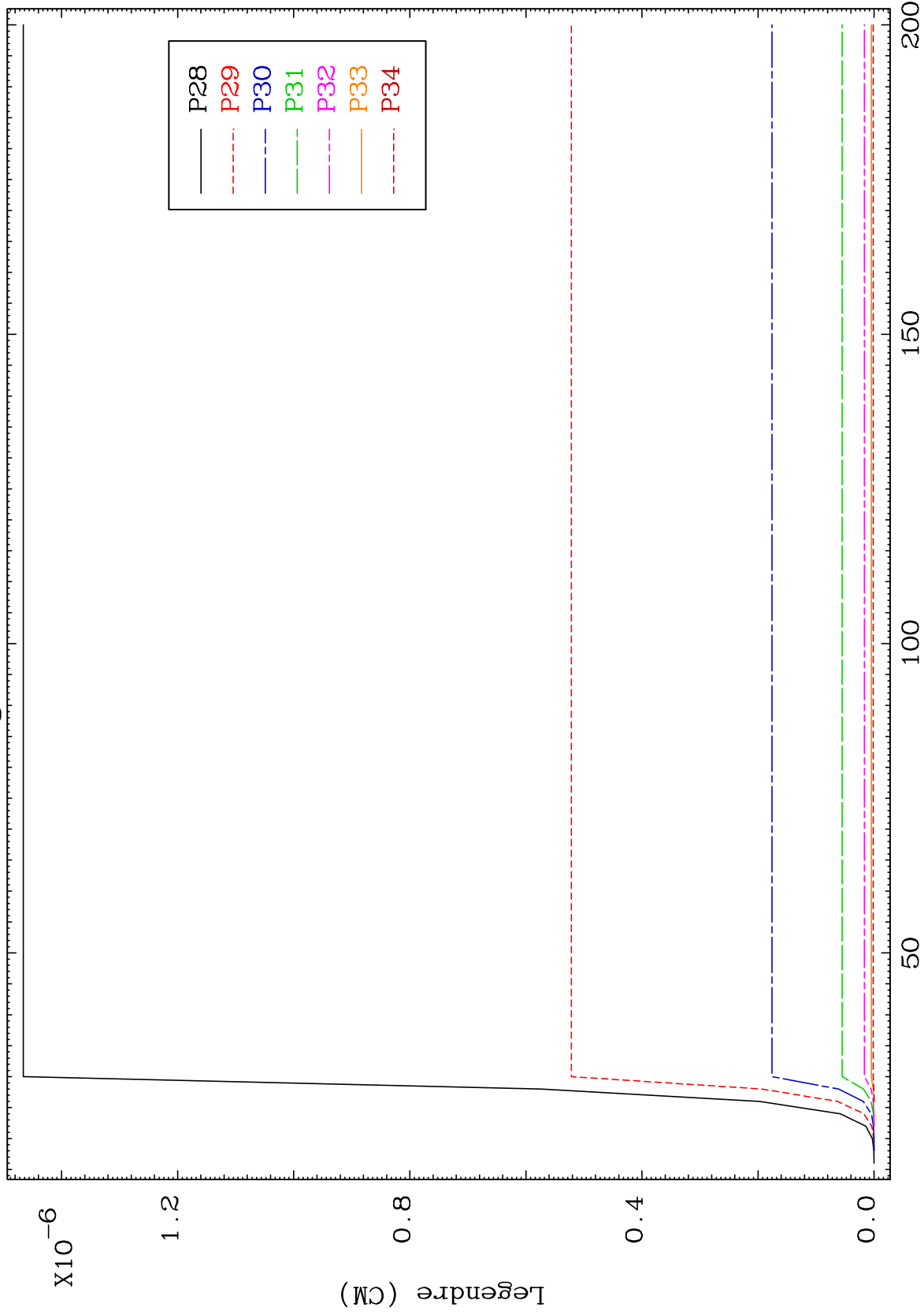
51-Sb-129



MAT 5149

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

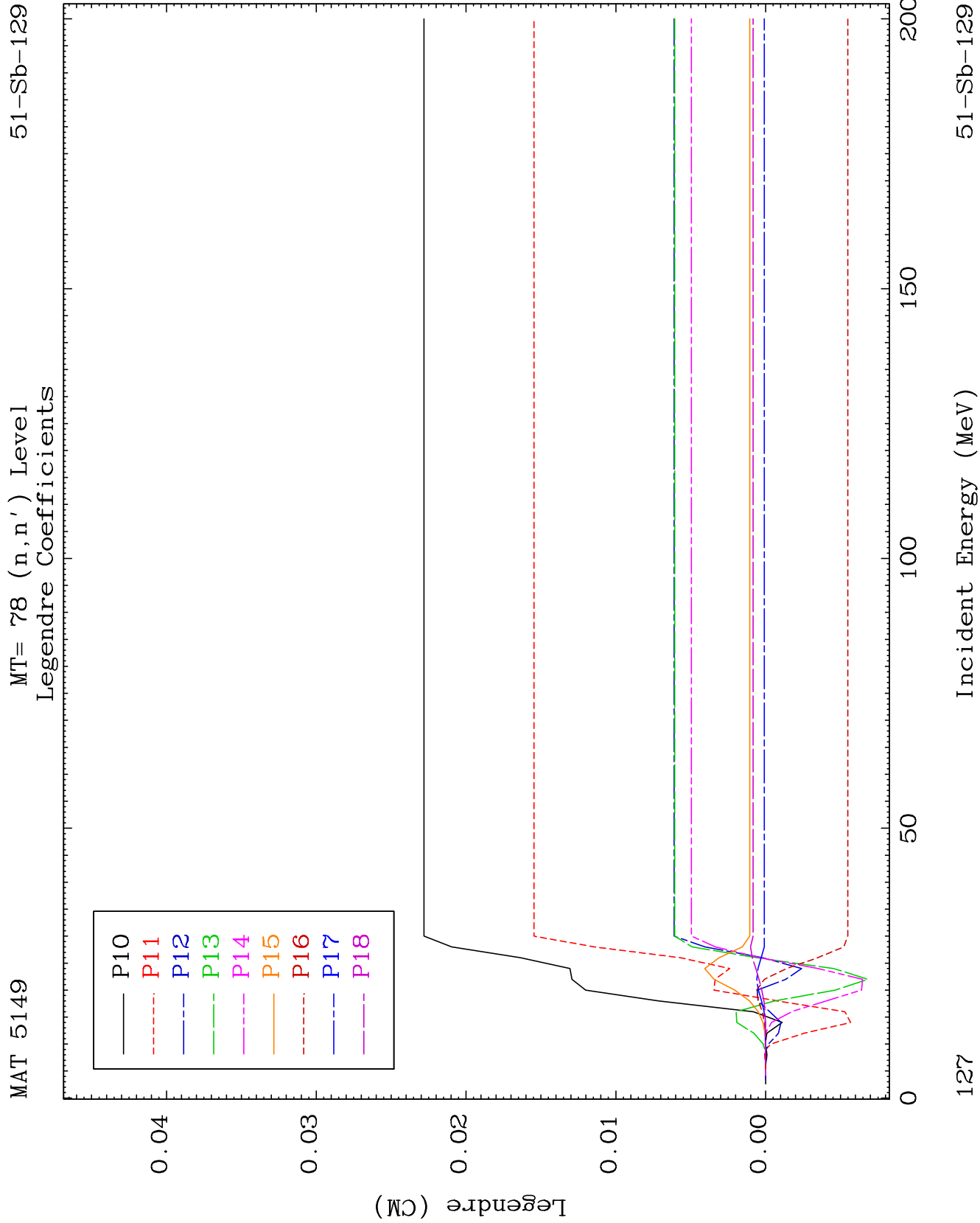
51-Sb-129

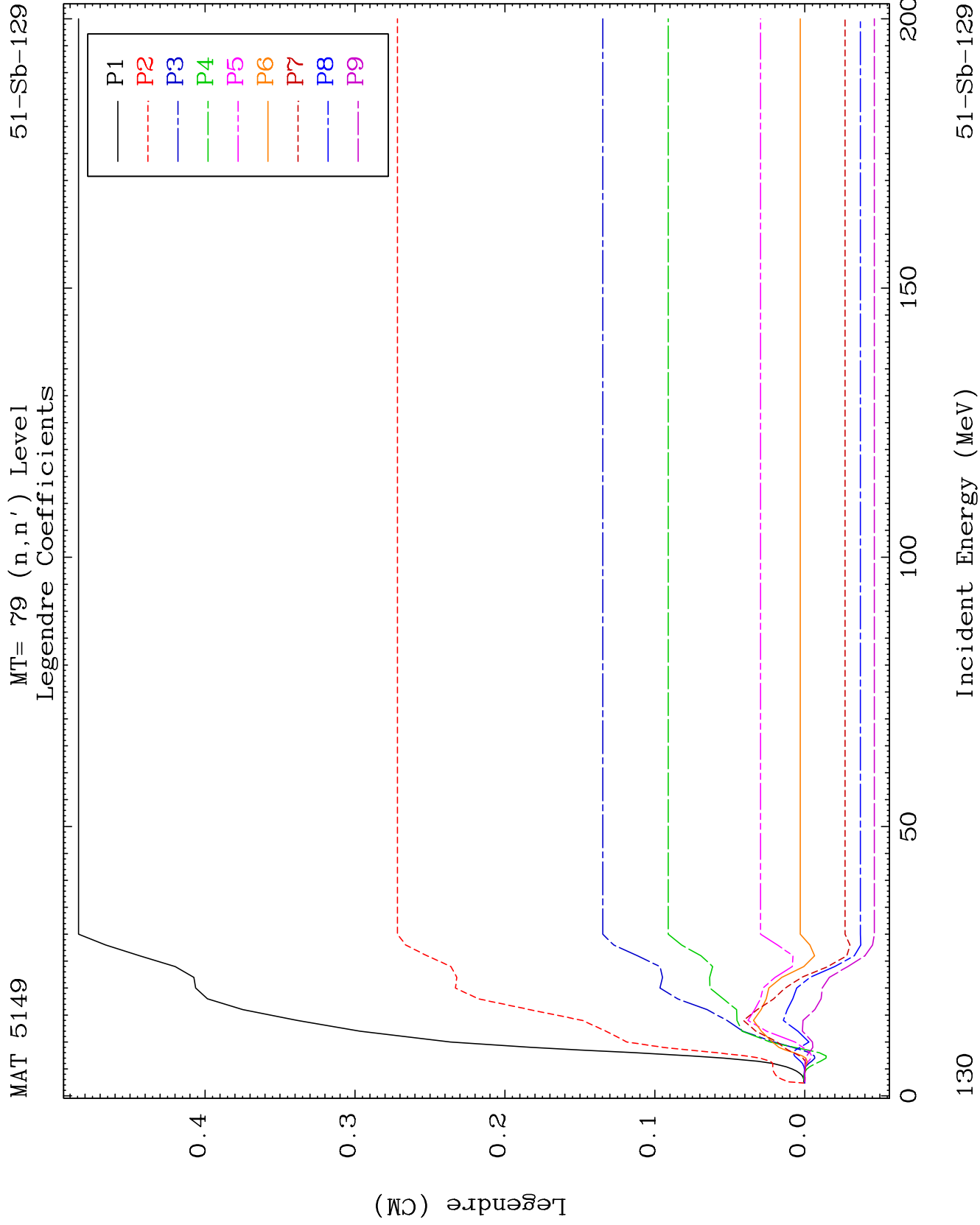


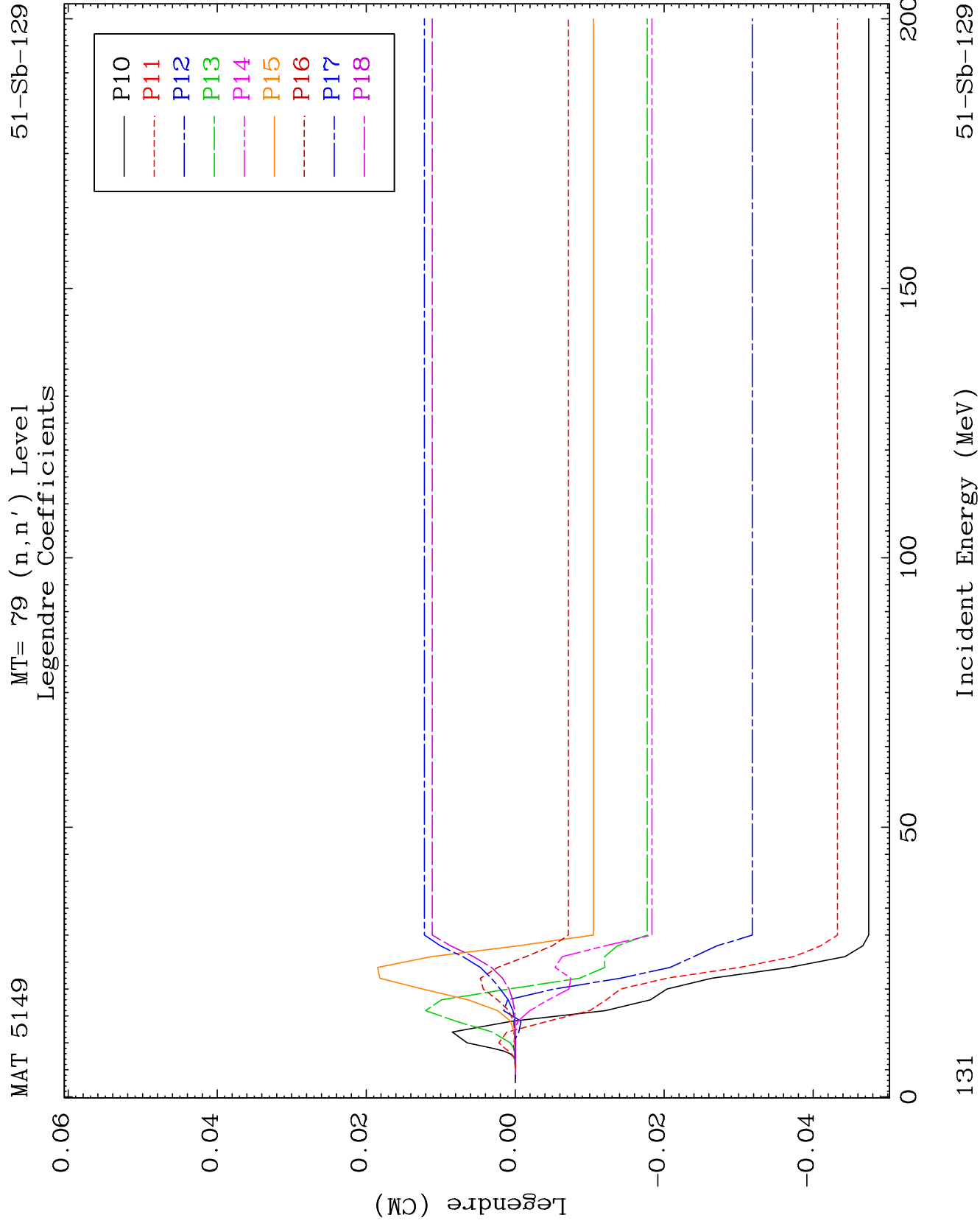
125

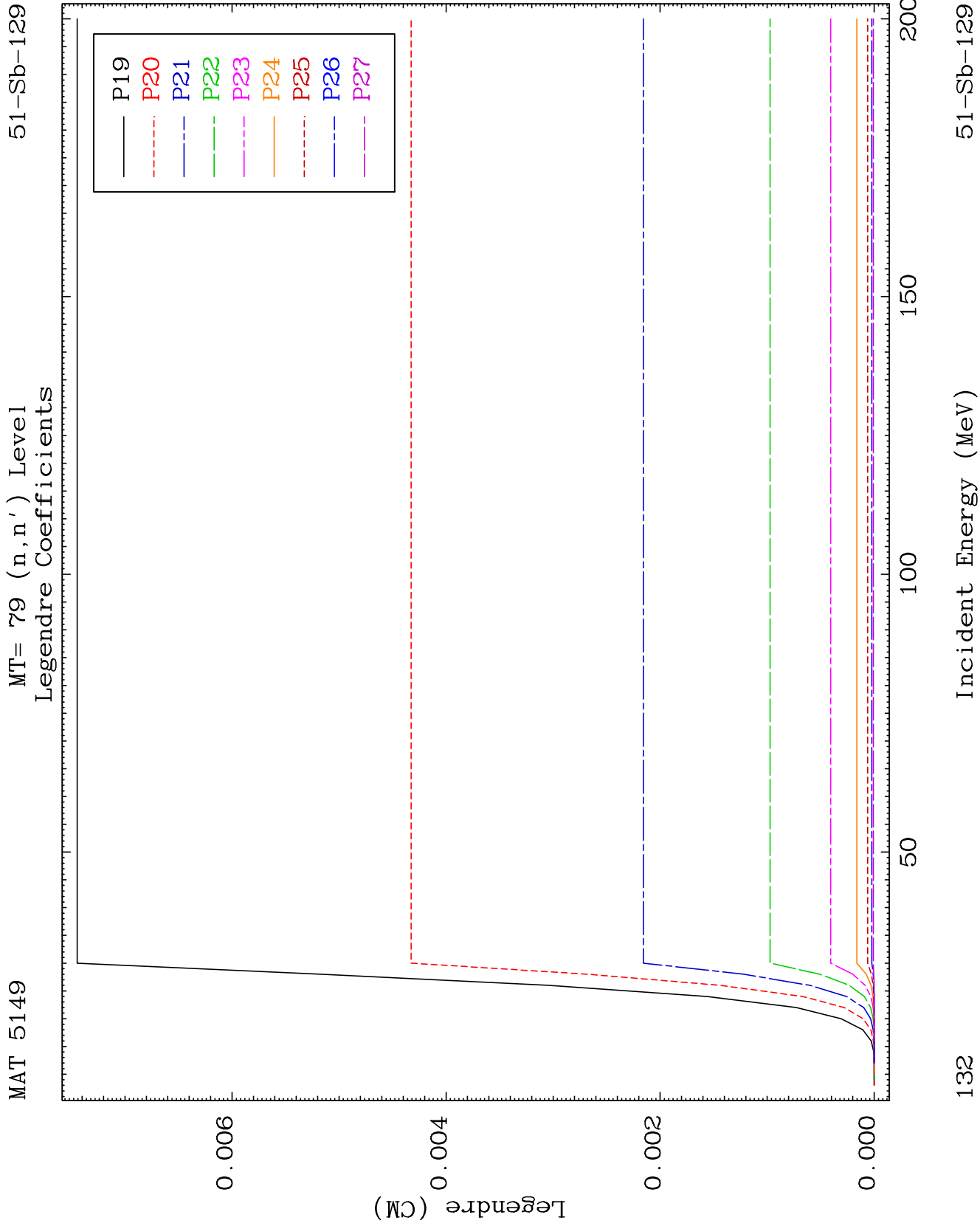
Incident Energy (MeV)

51-Sb-129





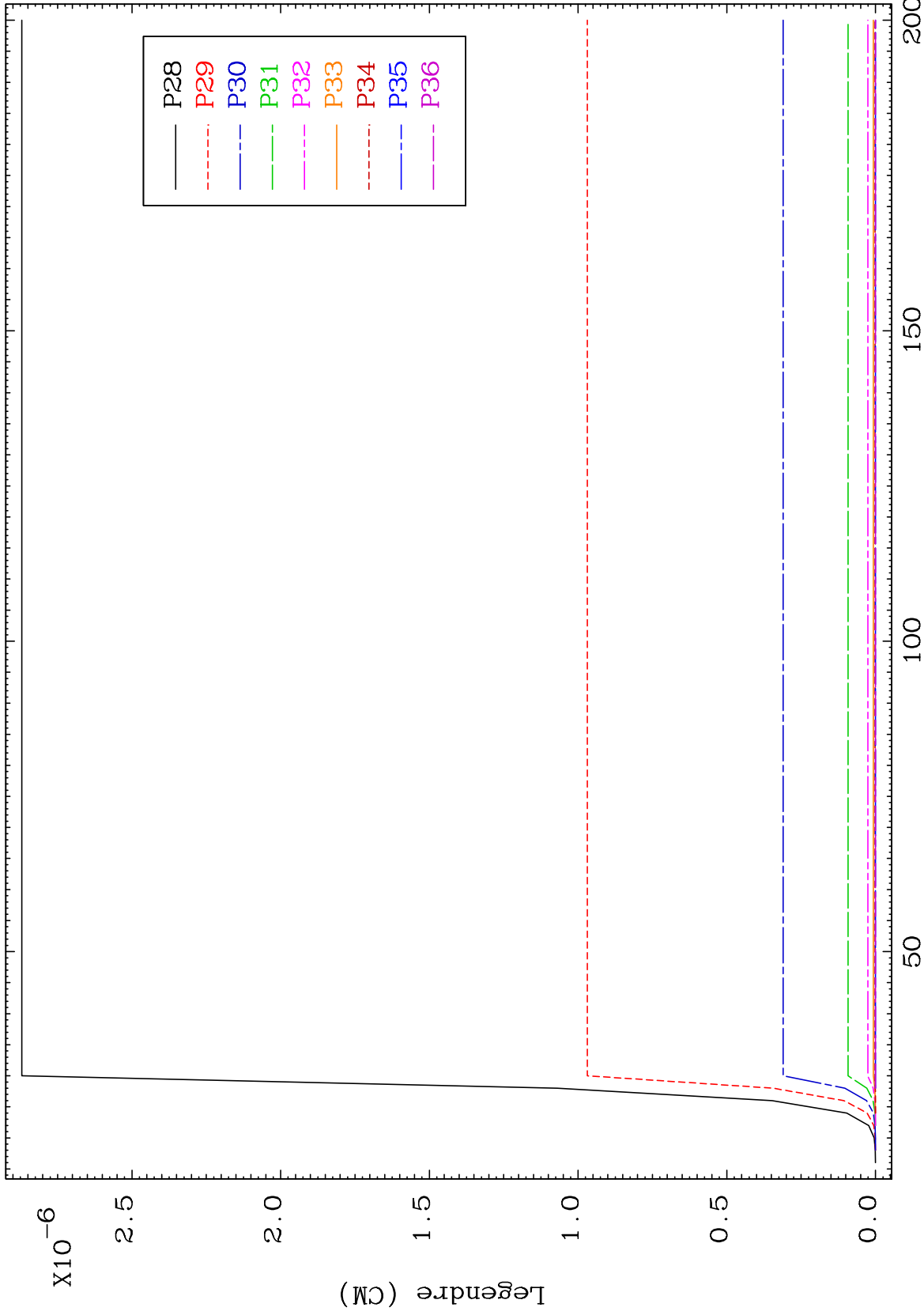




MAT 5149

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

51-Sb-129



133

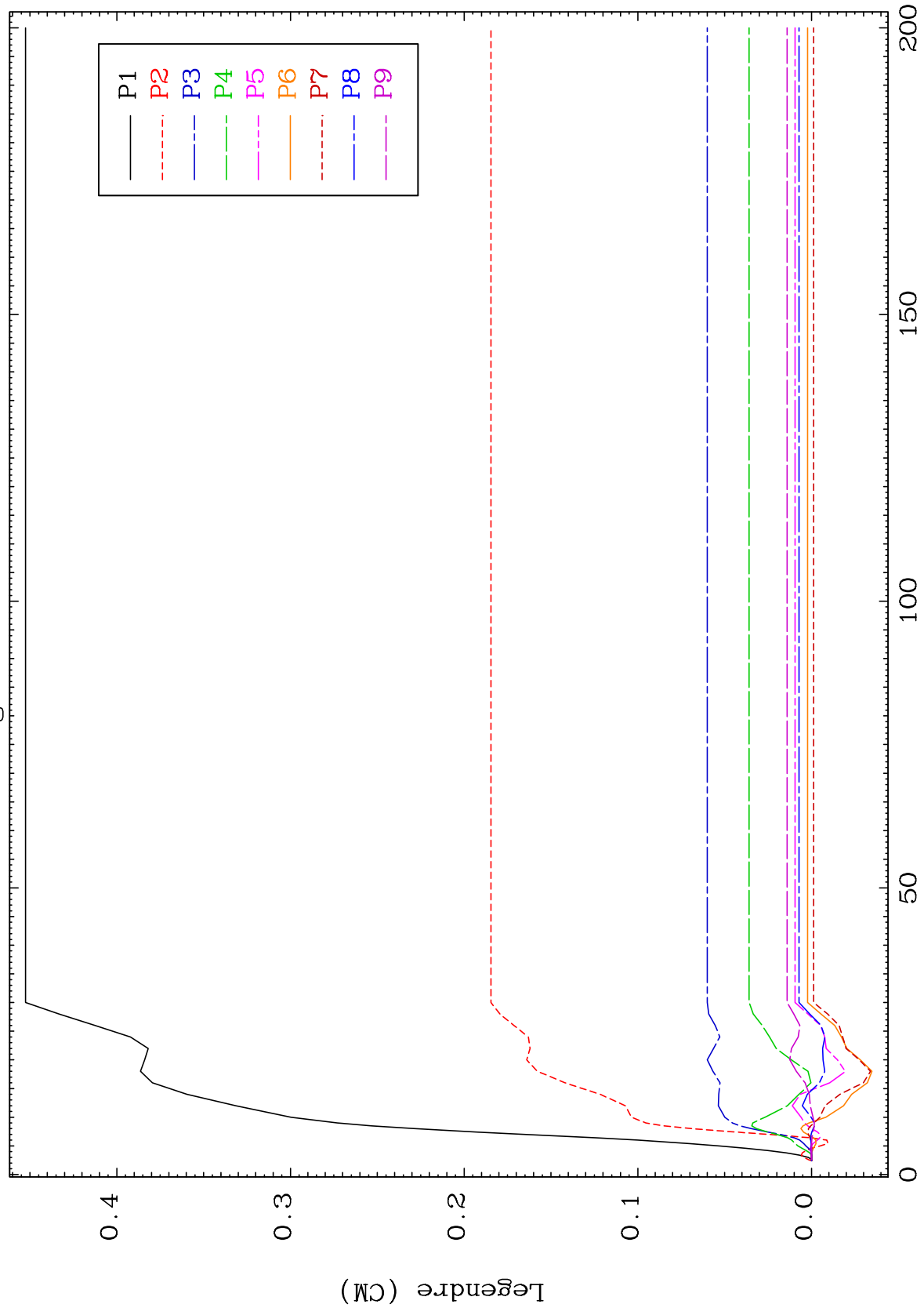
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



134

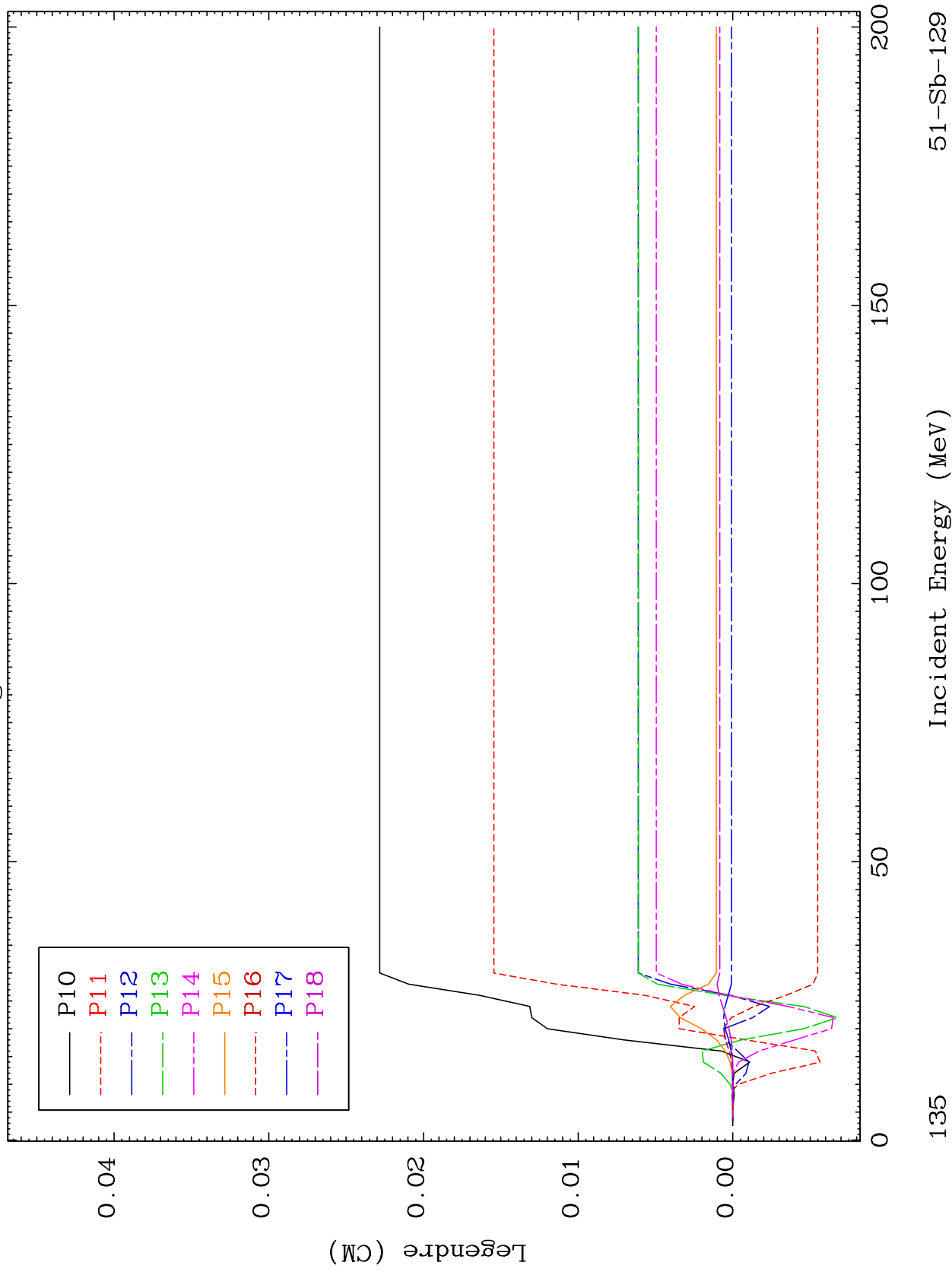
Incident Energy (MeV)

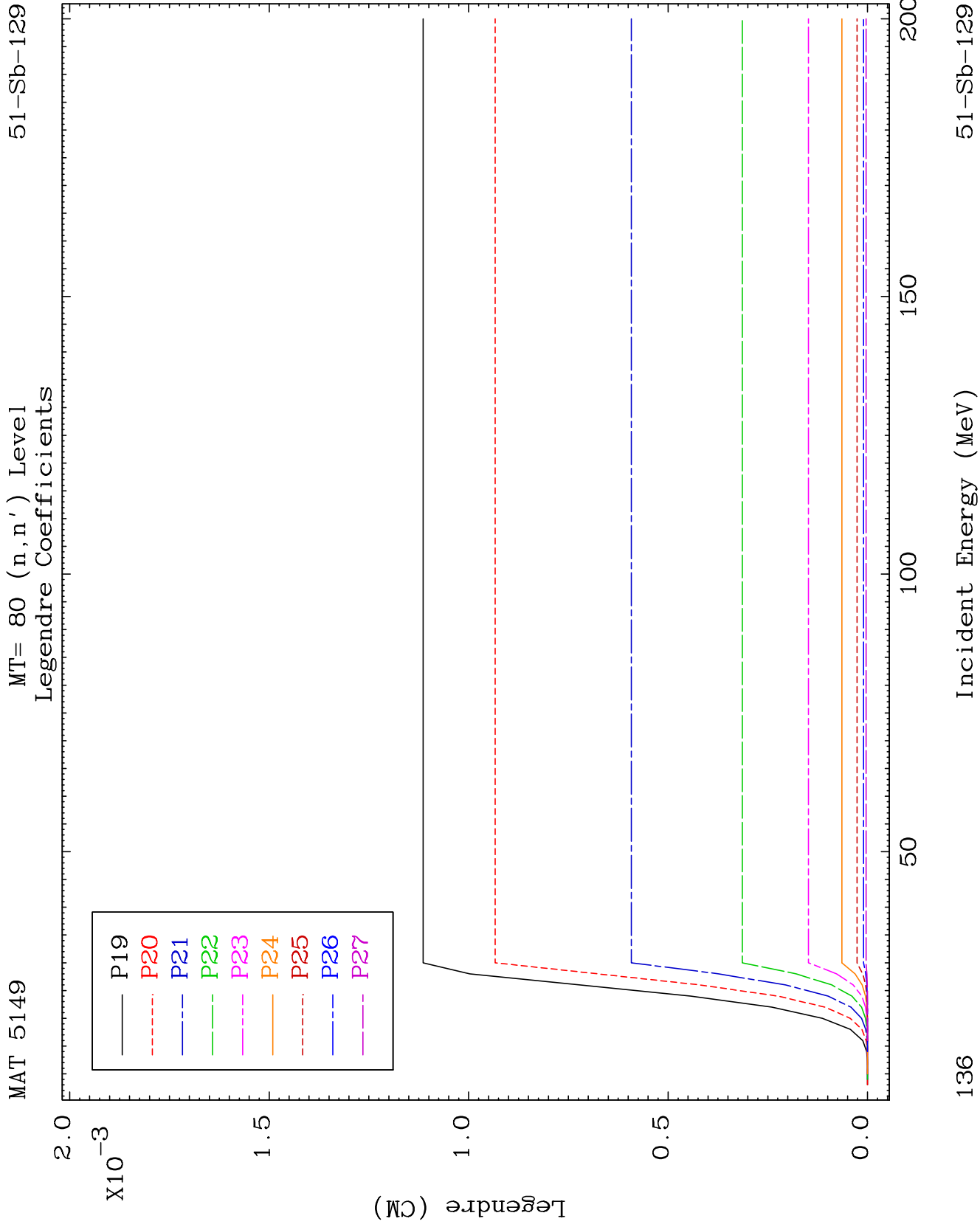
51-Sb-129

MAT 5149

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

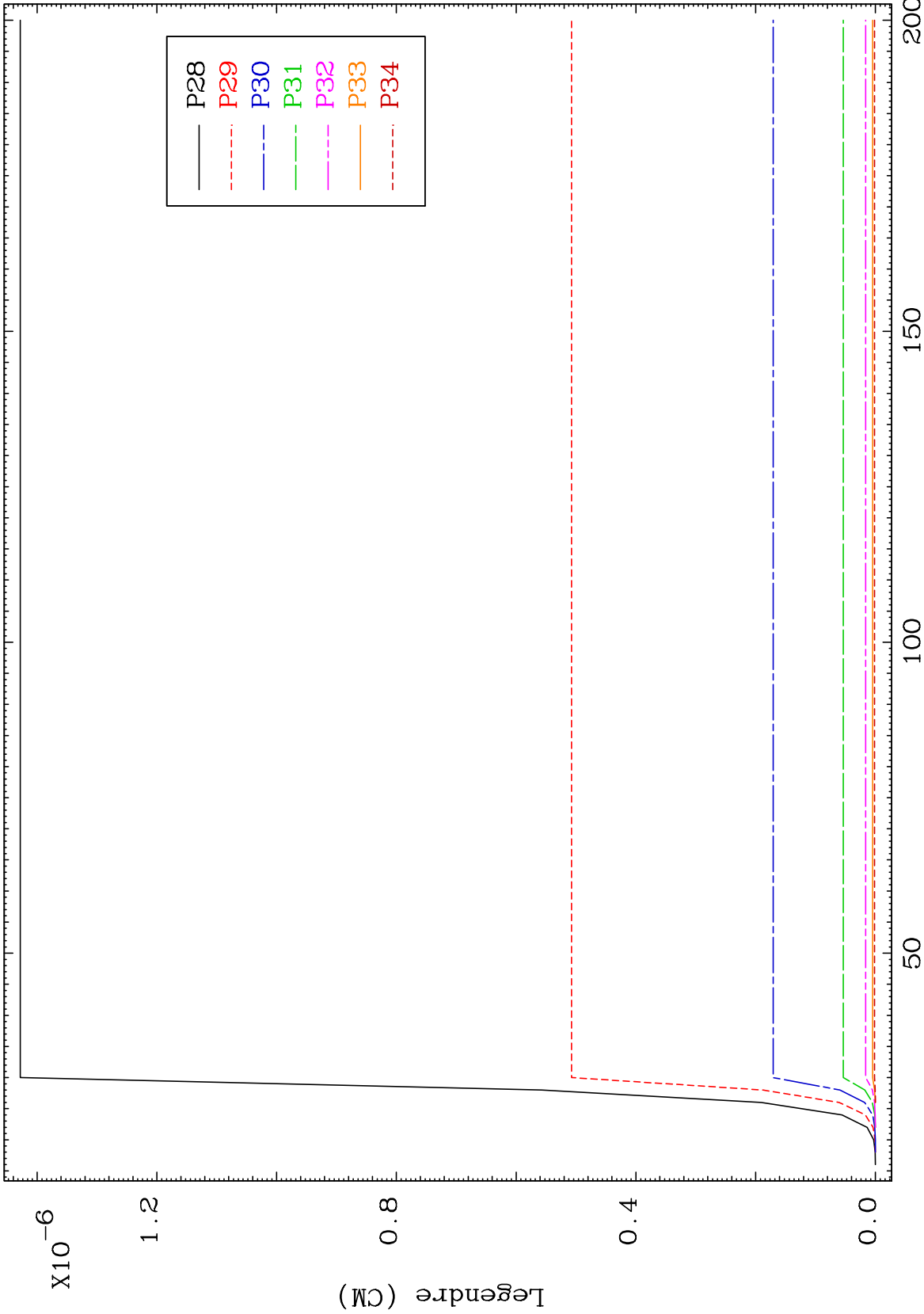
51-Sb-129





MAT 5149 MT= 80 (n,n') Level 51-Sb-129

Legendre Coefficients

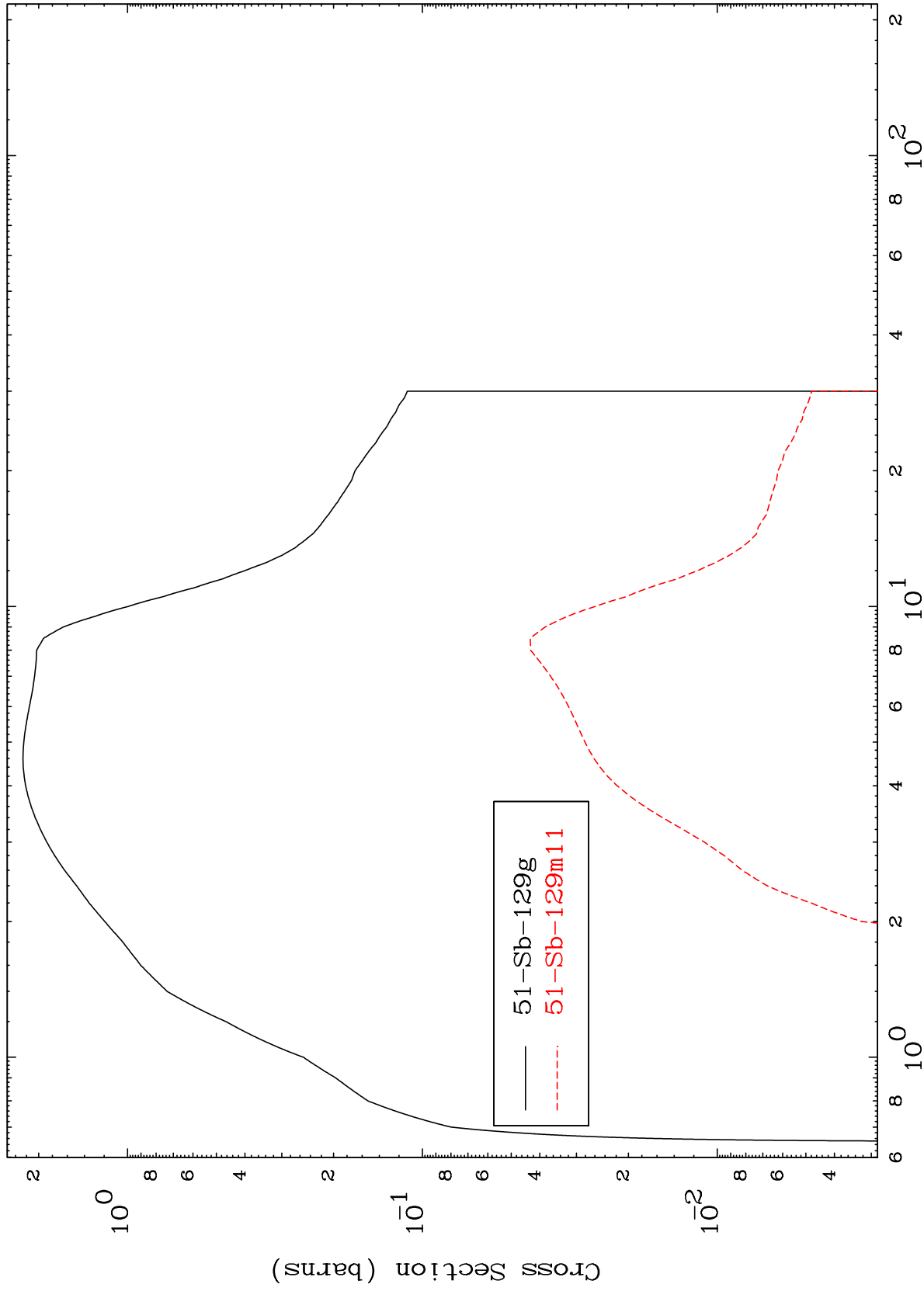


137 51-Sb-129

MAT 5149

51-Sb-129

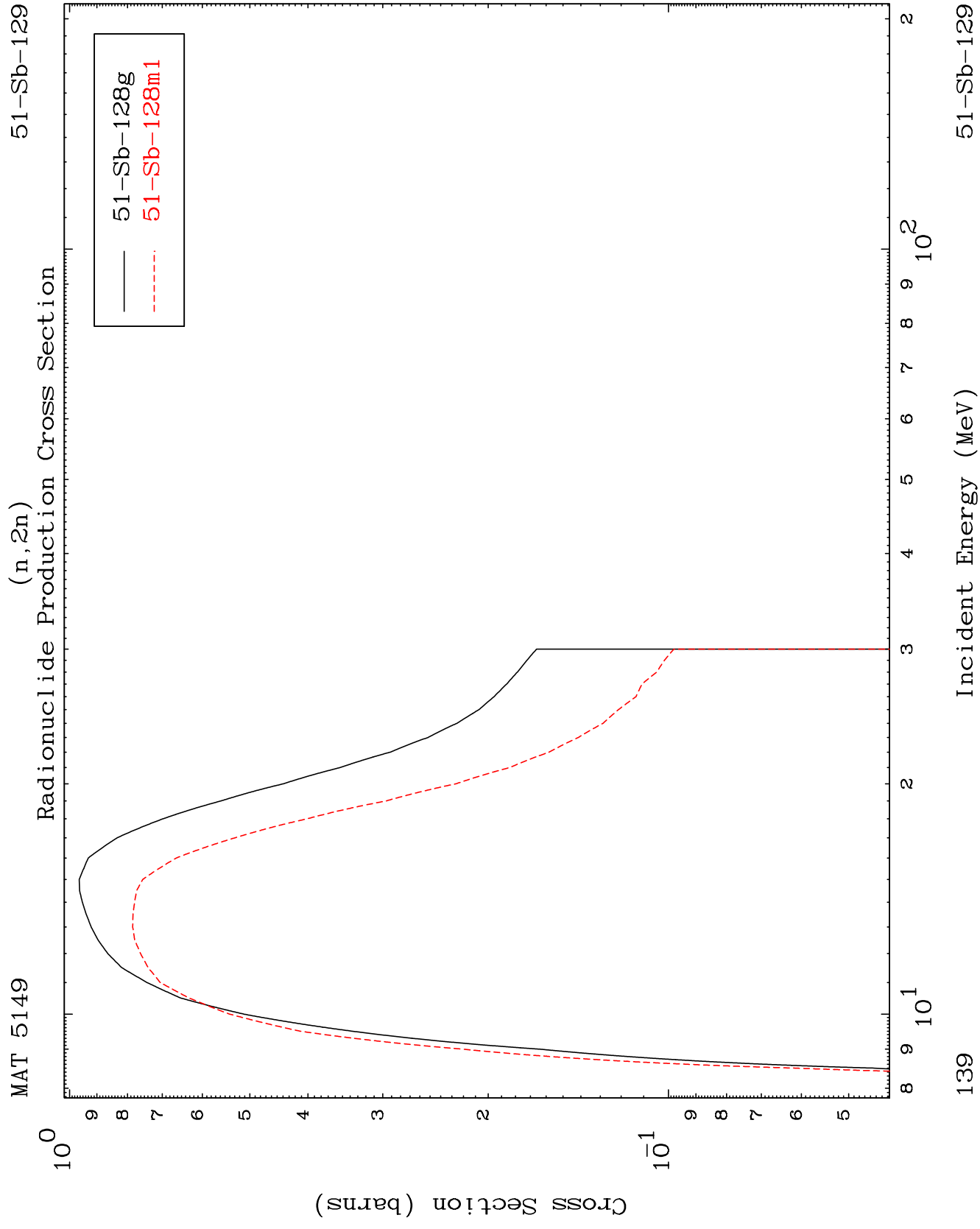
Inelastic
Radionuclide Production Cross Section



138

Incident Energy (MeV)

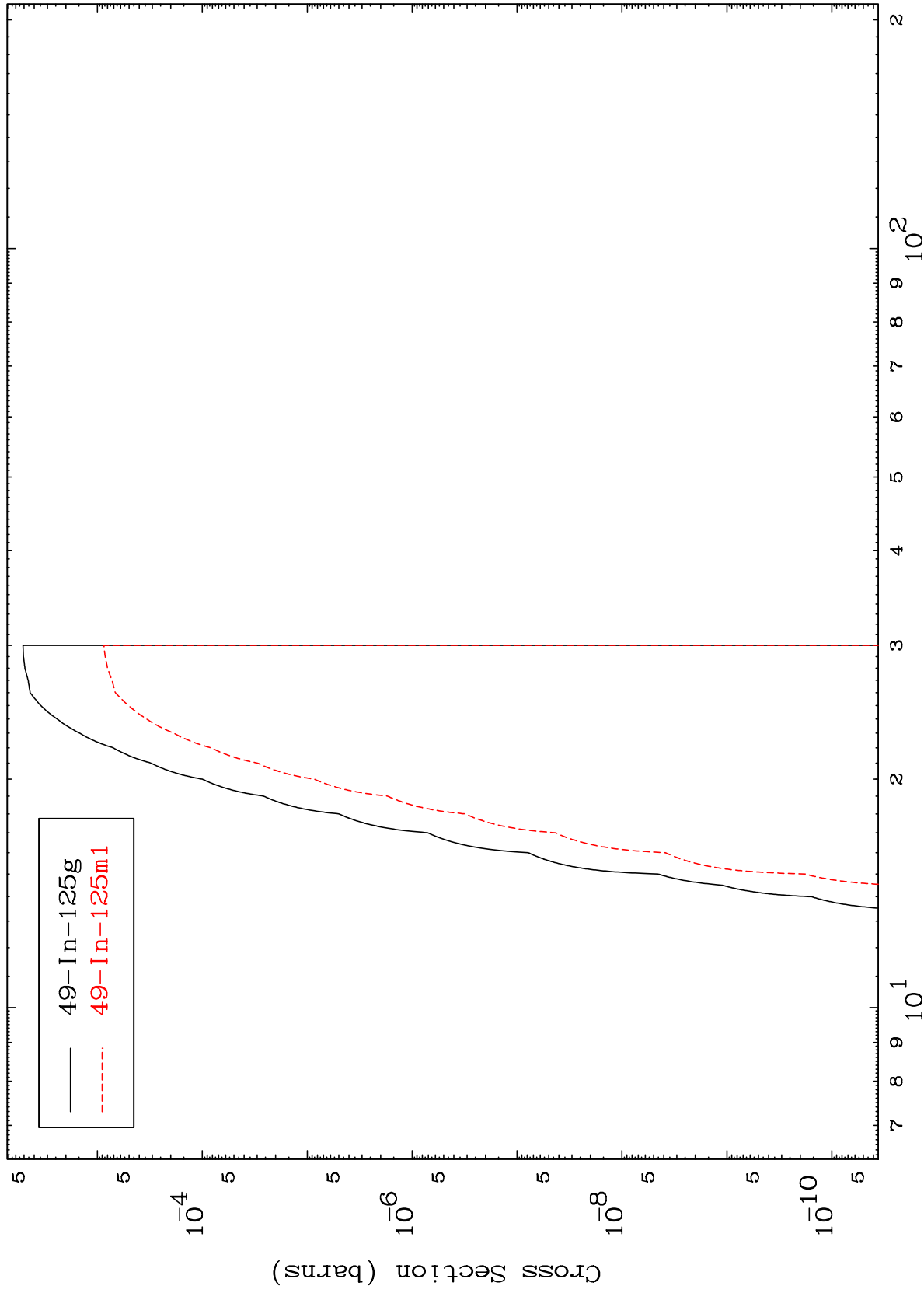
51-Sb-129



MAT 5149

51-Sb-129

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



140

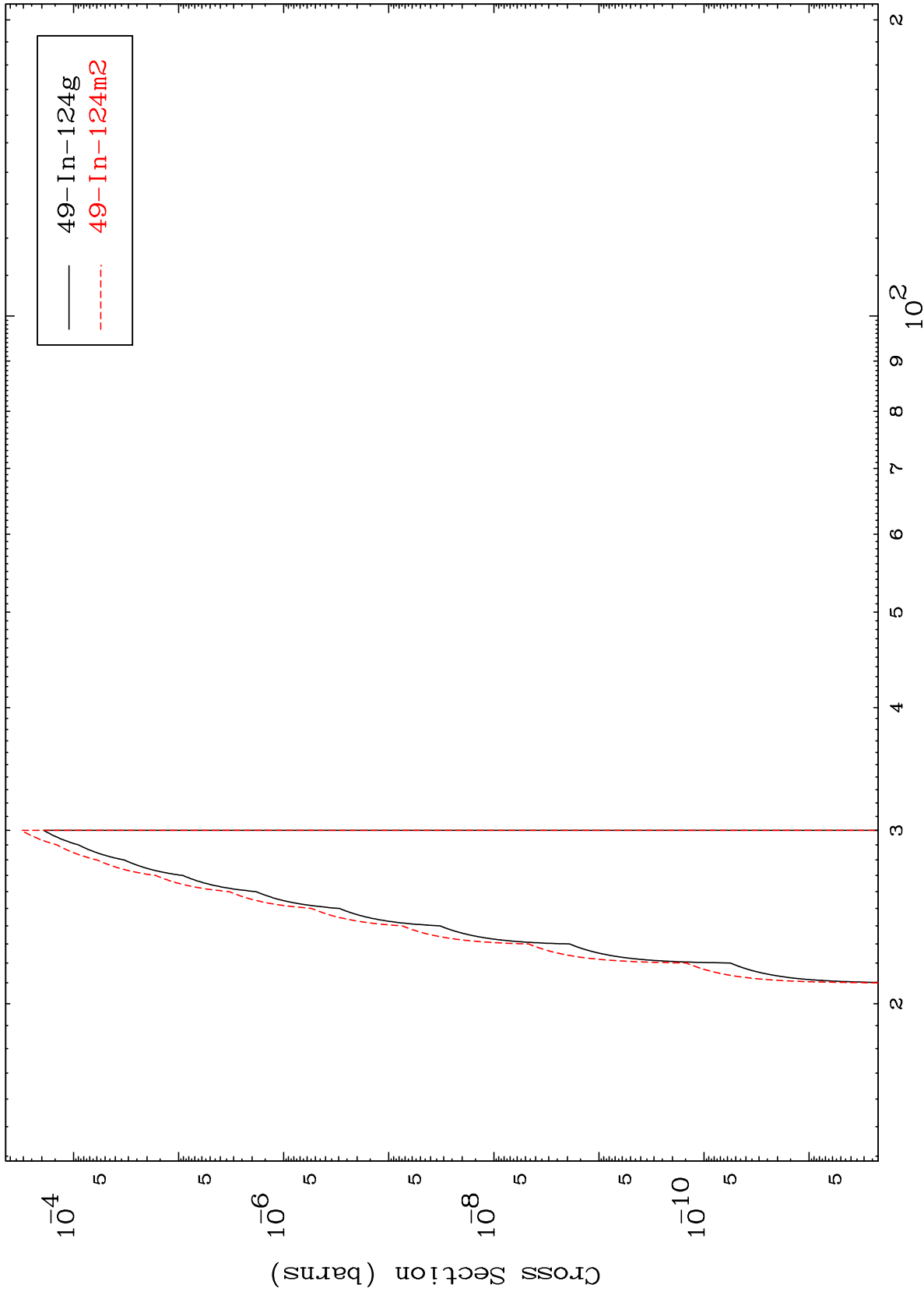
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

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



141

Incident Energy (MeV)

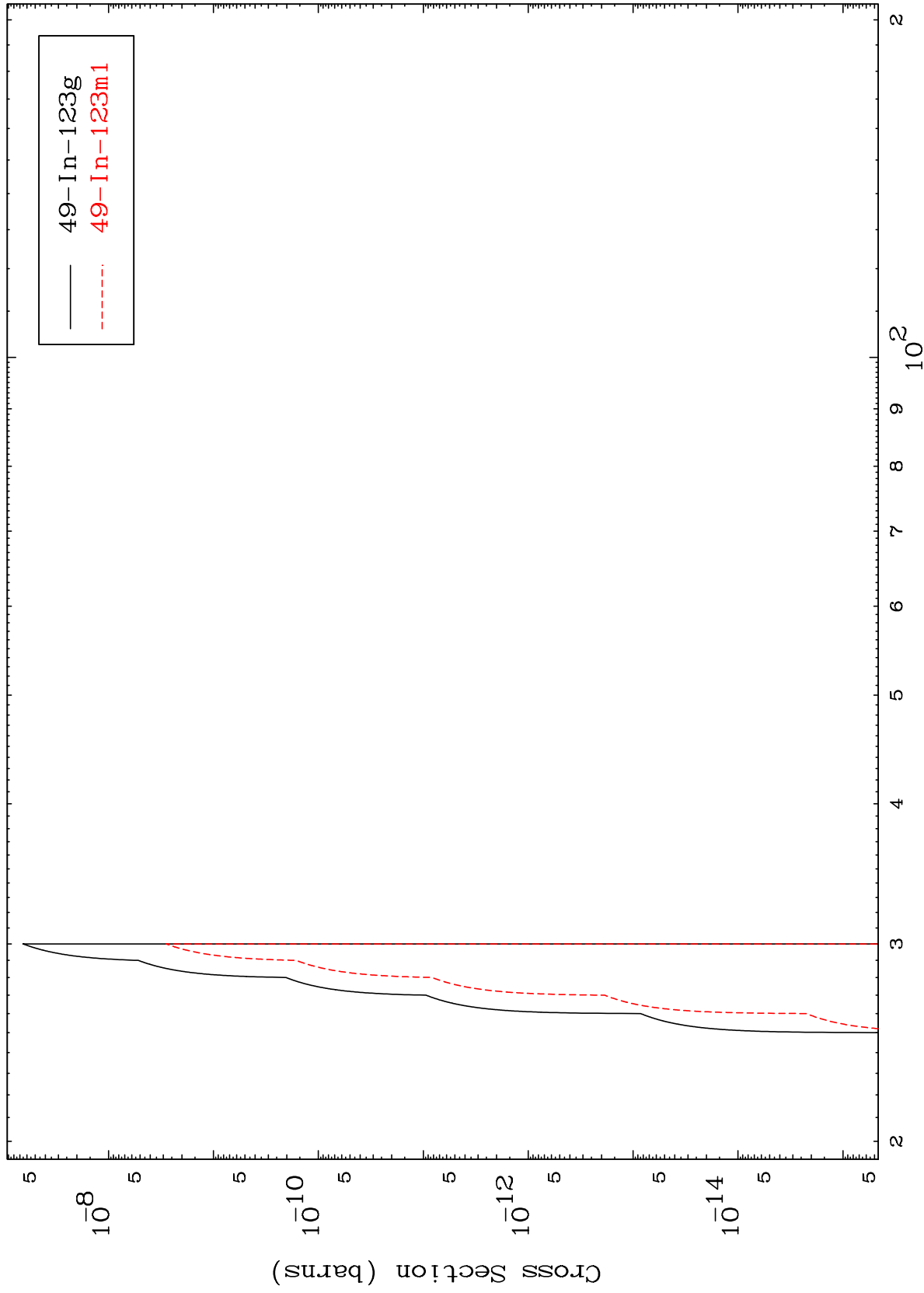
51-Sb-129

MAT 5149

(n,3n) α

51-Sb-129

Radionuclide Production Cross Section



142

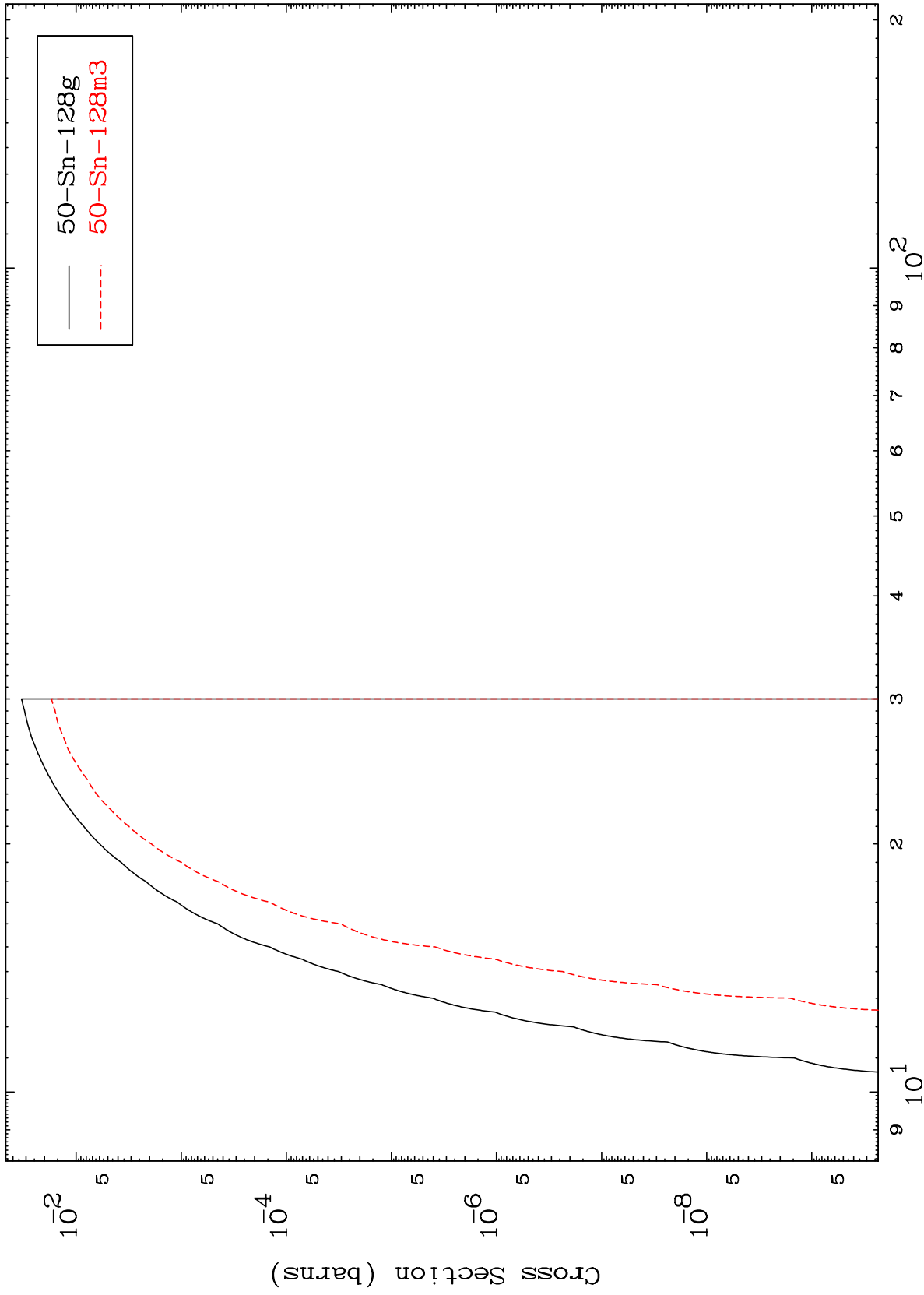
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

(n,n') p
Radionuclide Production Cross Section



143

Incident Energy (MeV)

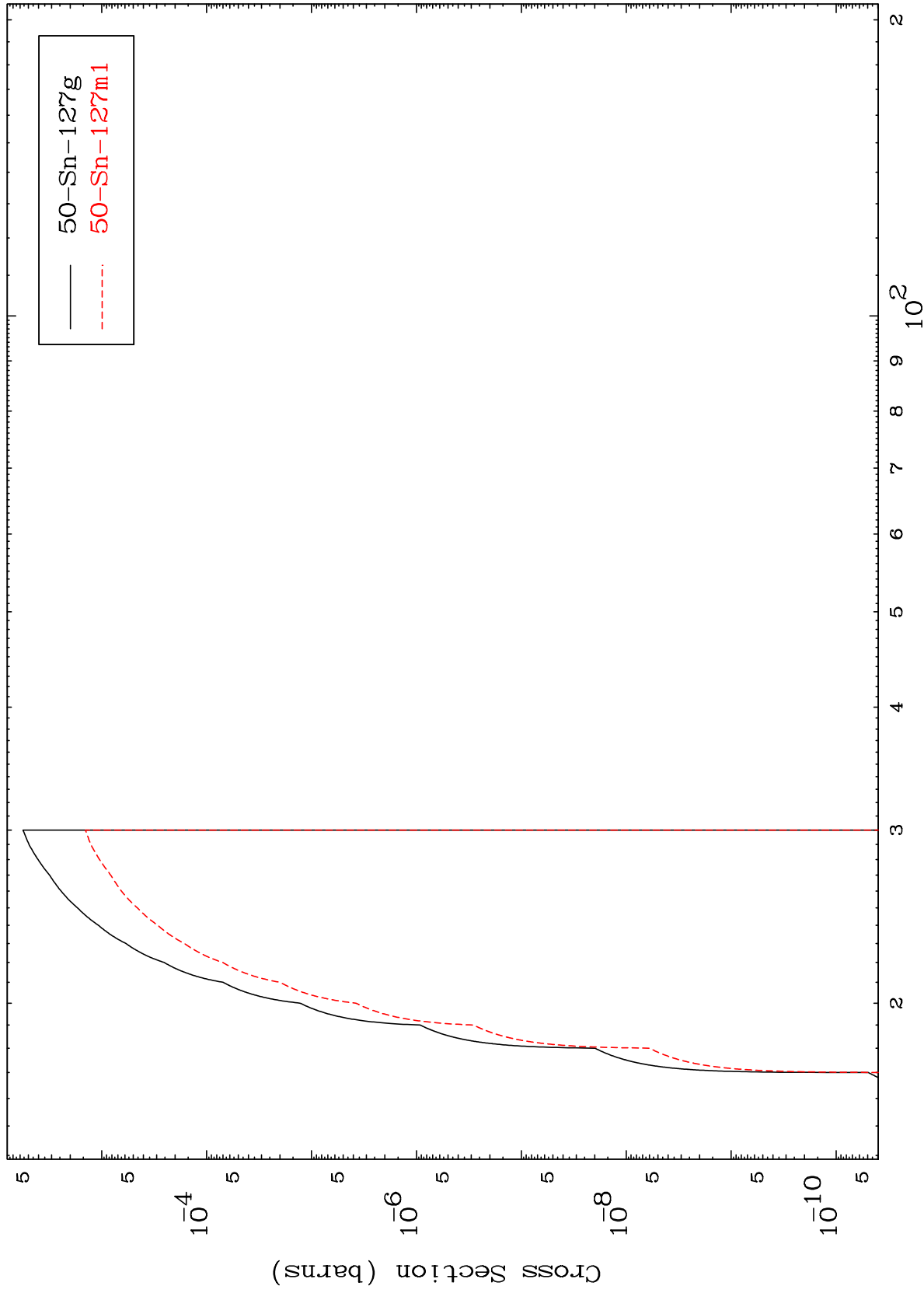
51-Sb-129

MAT 5149

(n,n') d

51-Sb-129

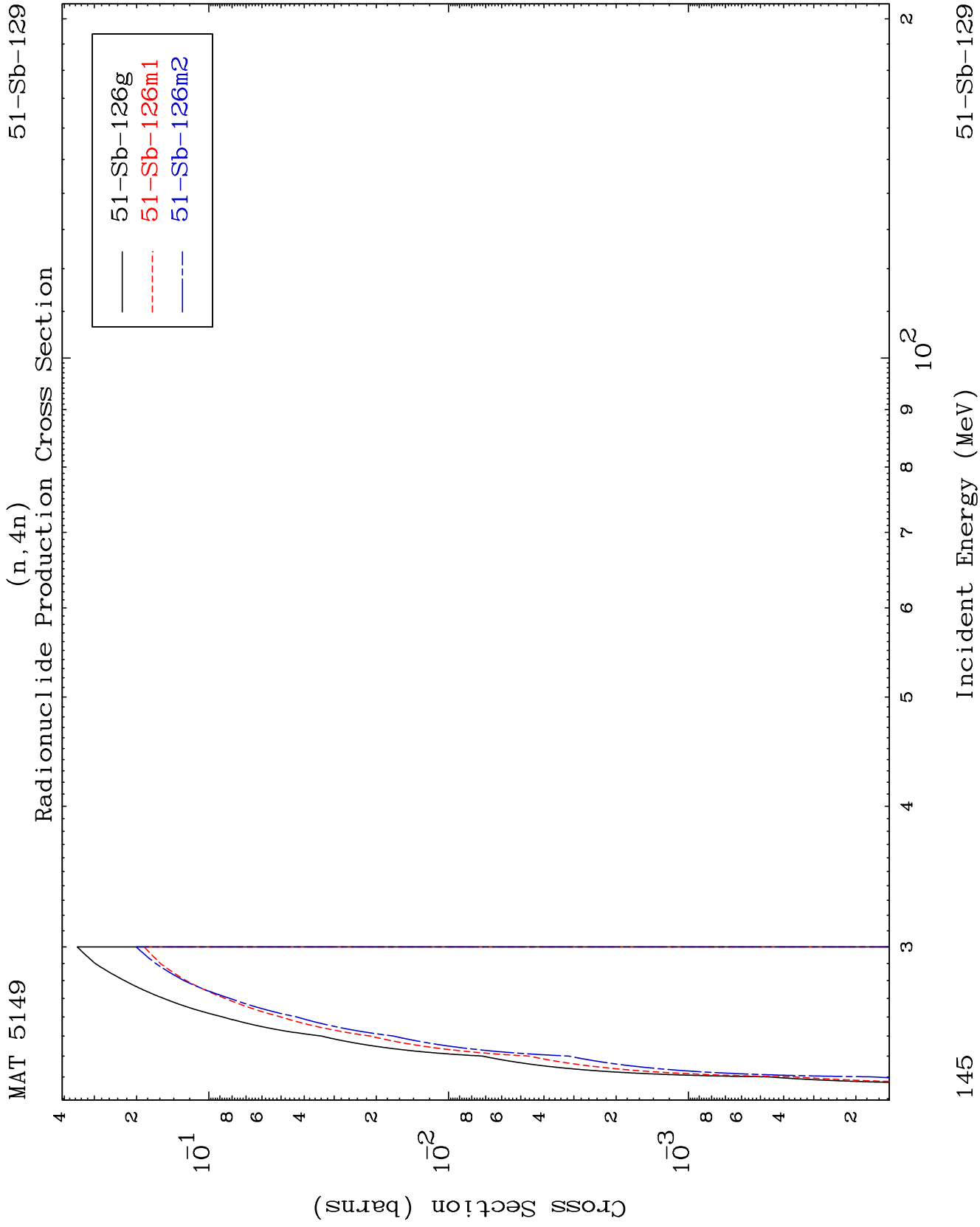
Radionuclide Production Cross Section



144

Incident Energy (MeV)

51-Sb-129

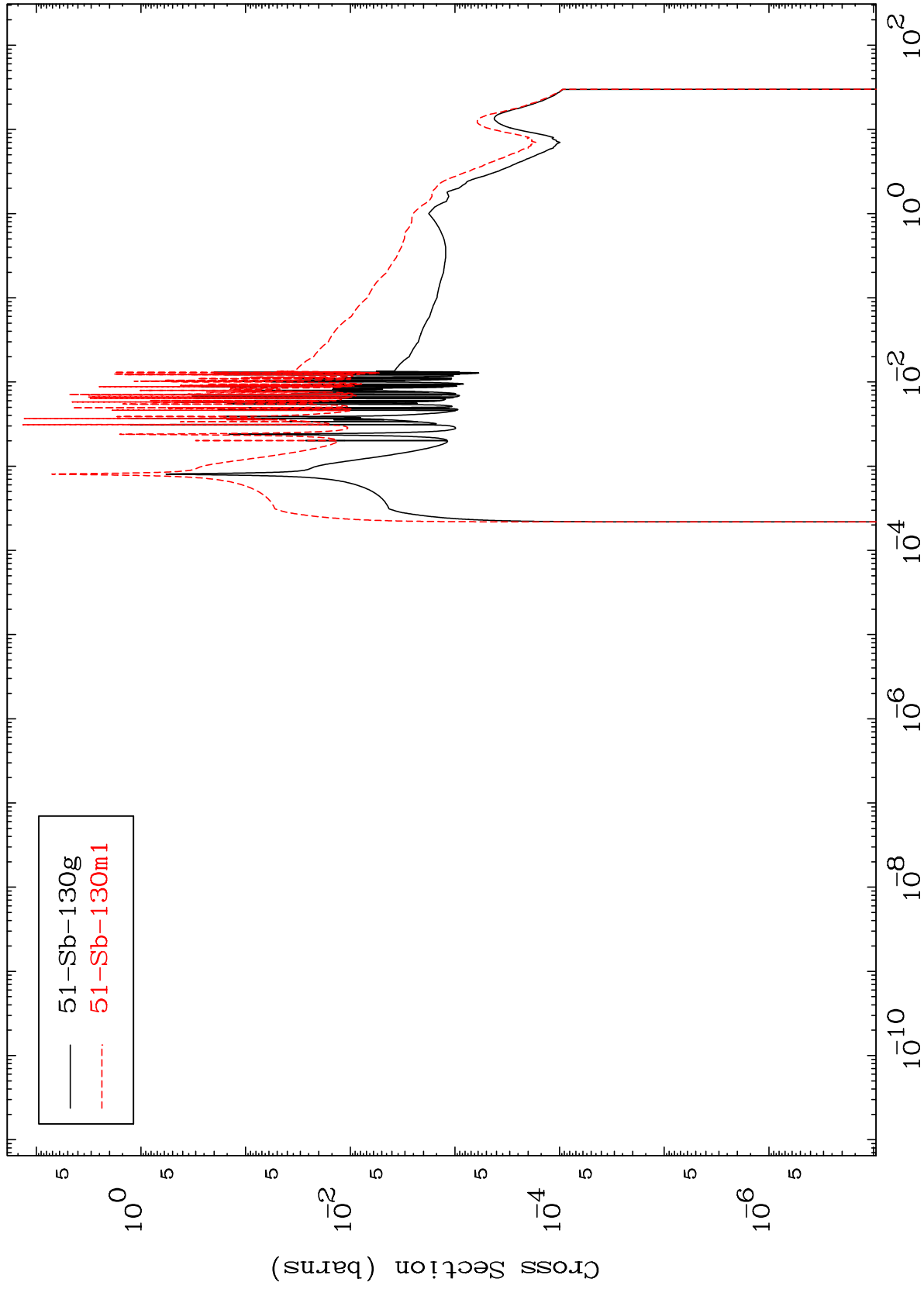


MAT 5149

(n, γ)

51-Sb-129

Radionuclide Production Cross Section



147

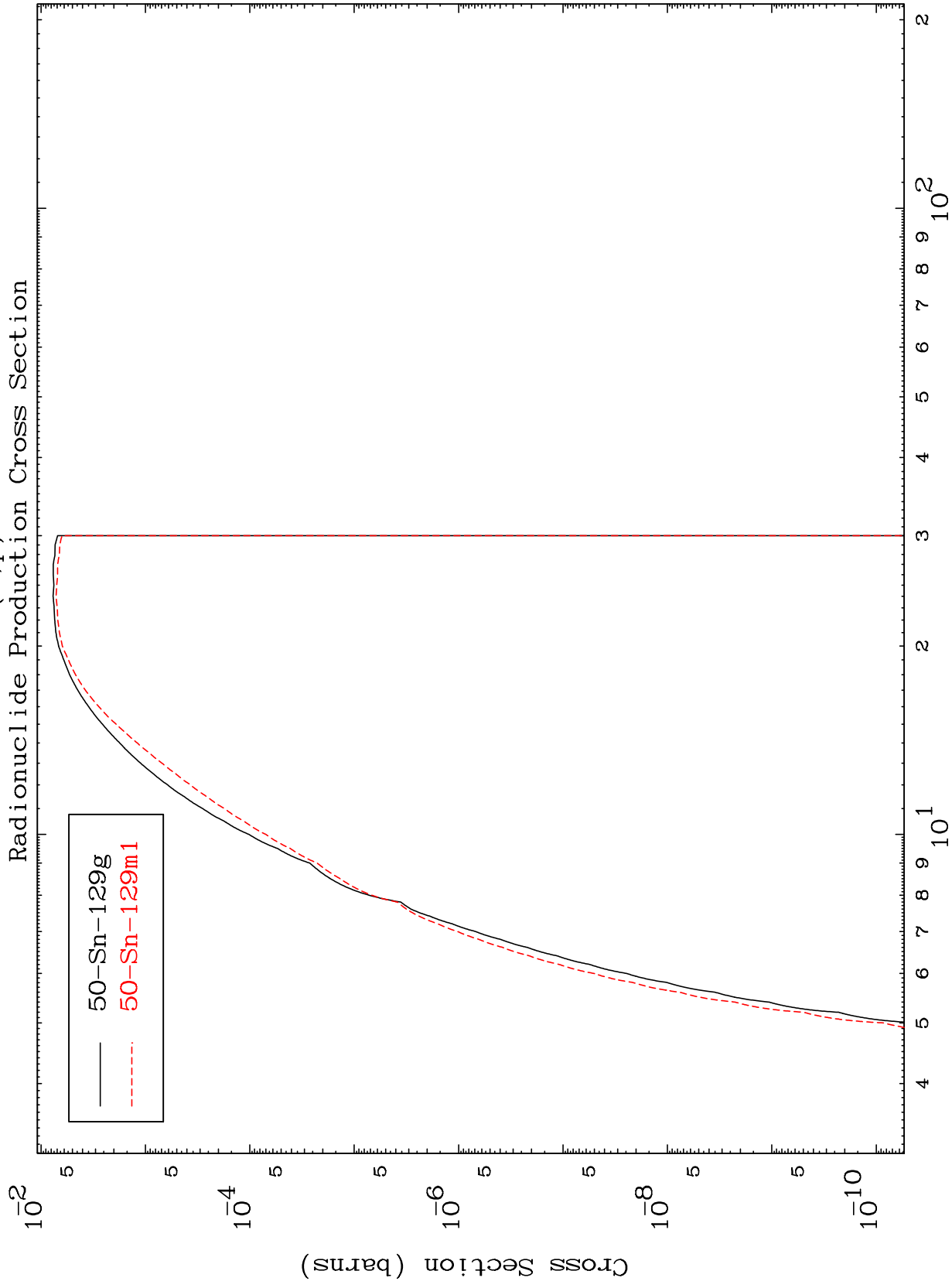
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

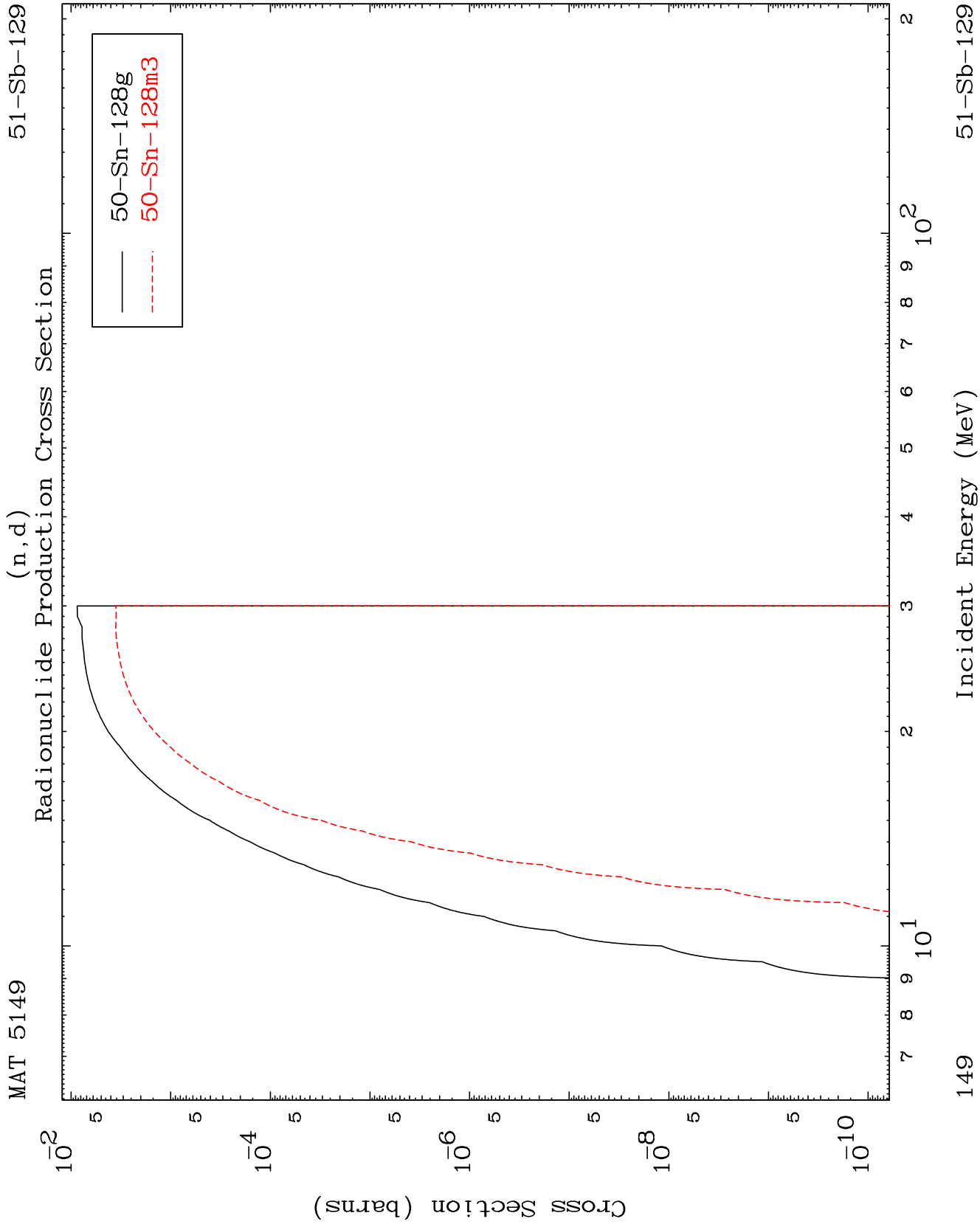
Radionuclide Production Cross Section
(n,p)



148

Incident Energy (MeV)

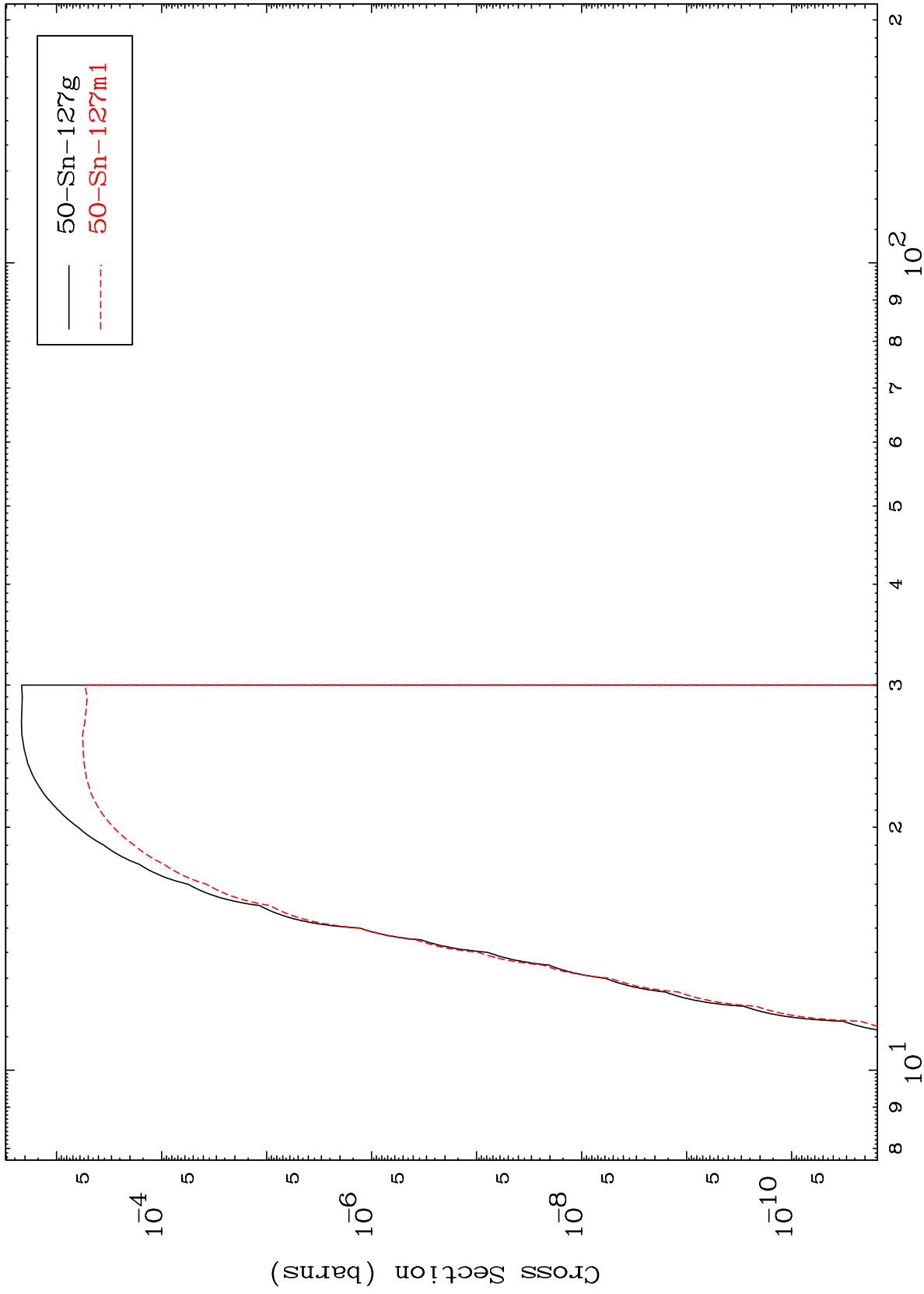
51-Sb-129



MAT 5149

51-Sb-129

(n,t)
Radionuclide Production Cross Section

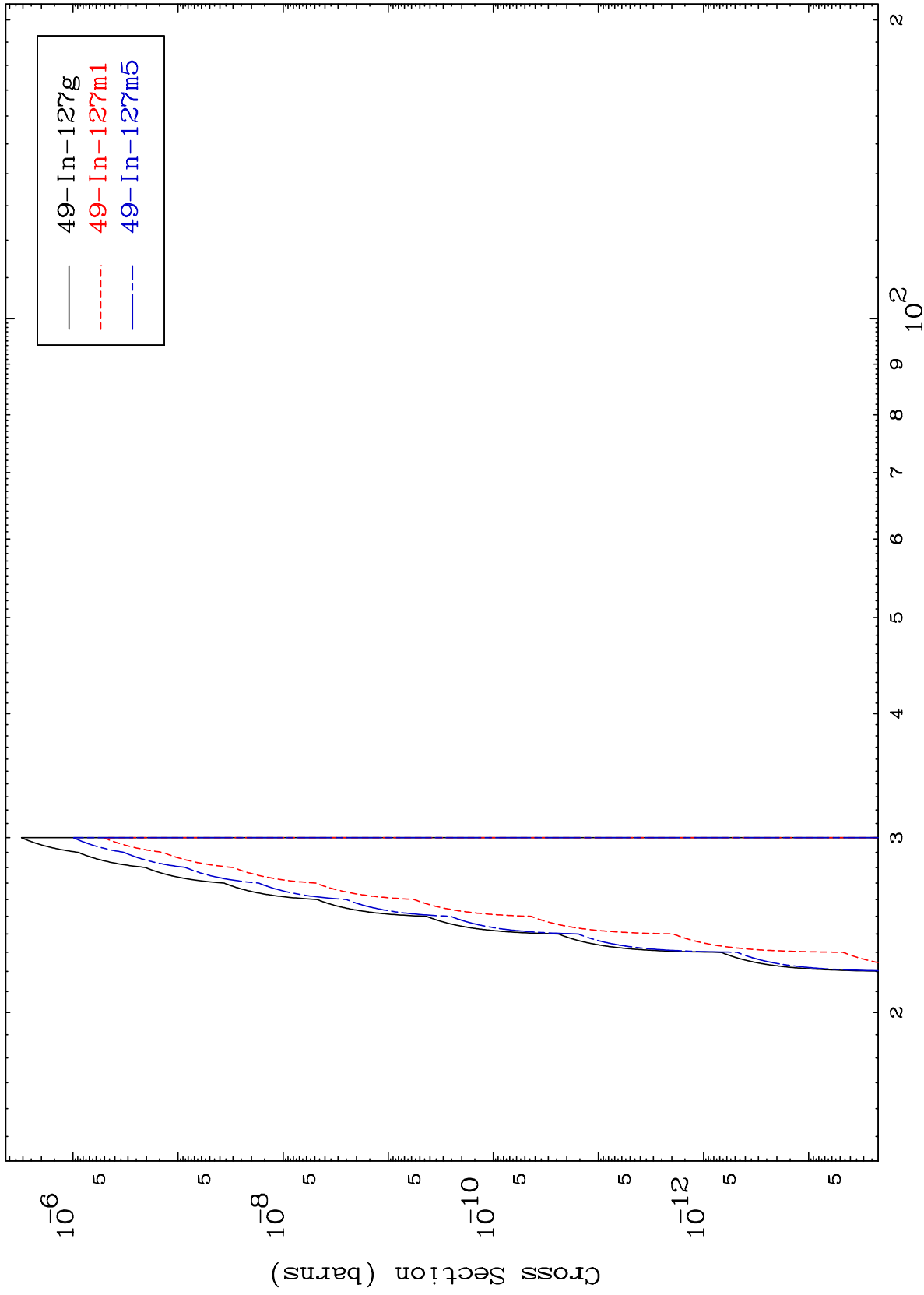


150

Incident Energy (MeV)

51-Sb-129

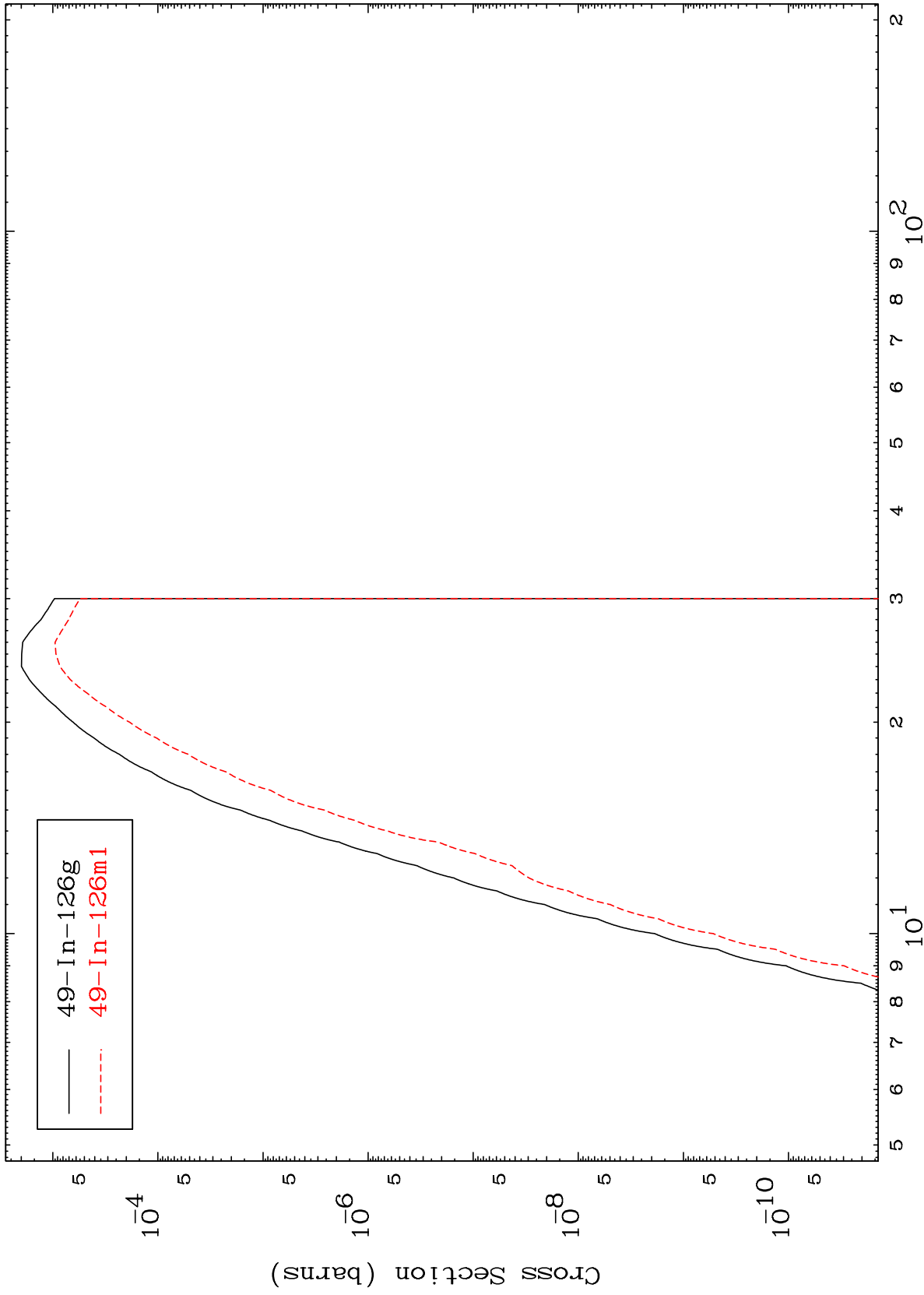
Radionuclide Production Cross Section



MAT 5149

51-Sb-129

Radionuclide Production Cross Section



152

51-Sb-129

(n,2p)
Radionuclide Production Cross Section

