

Program EVALPLOT
(Version 2021-1)

by

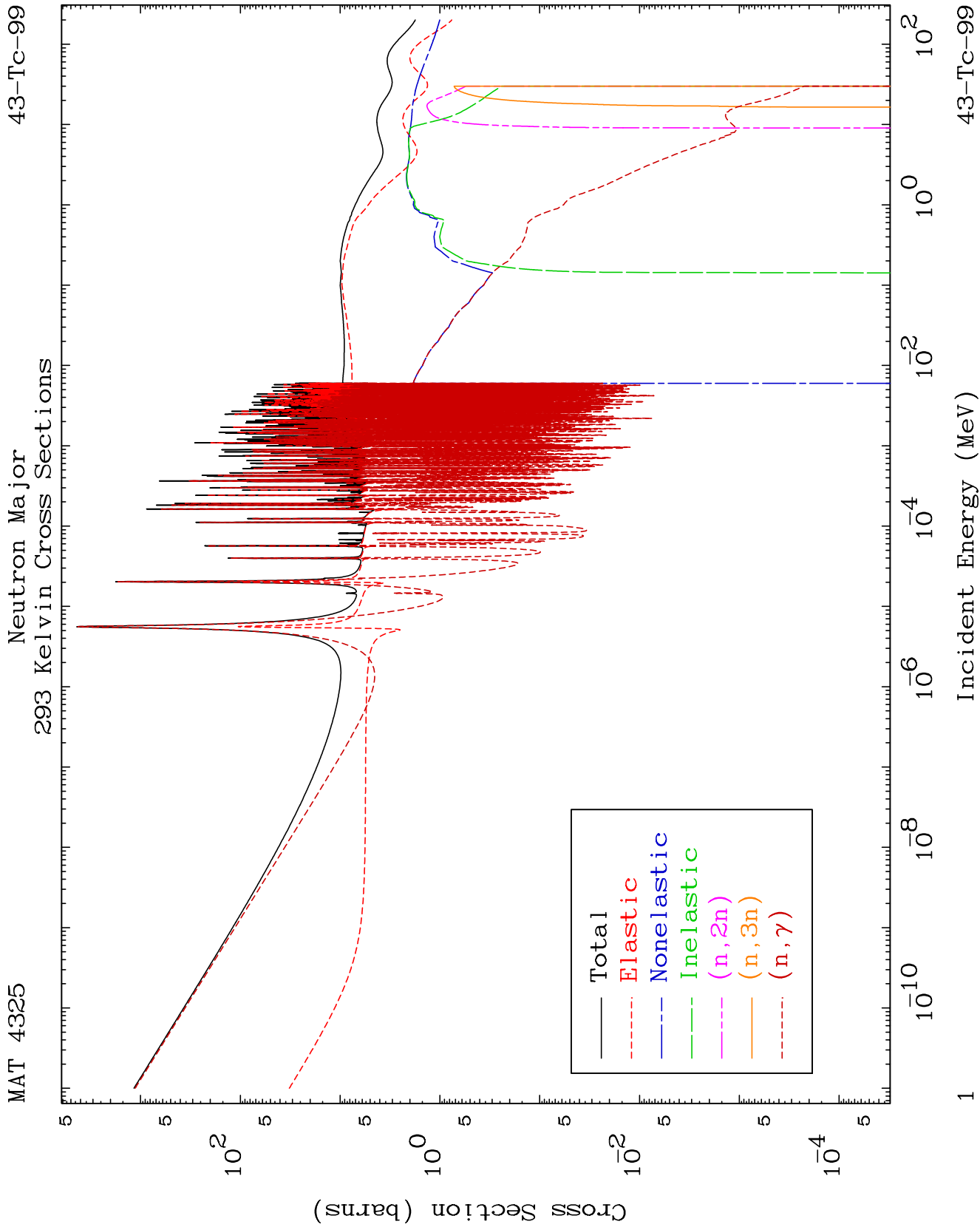
Dermott E. Cullen
(Present Contact Information)

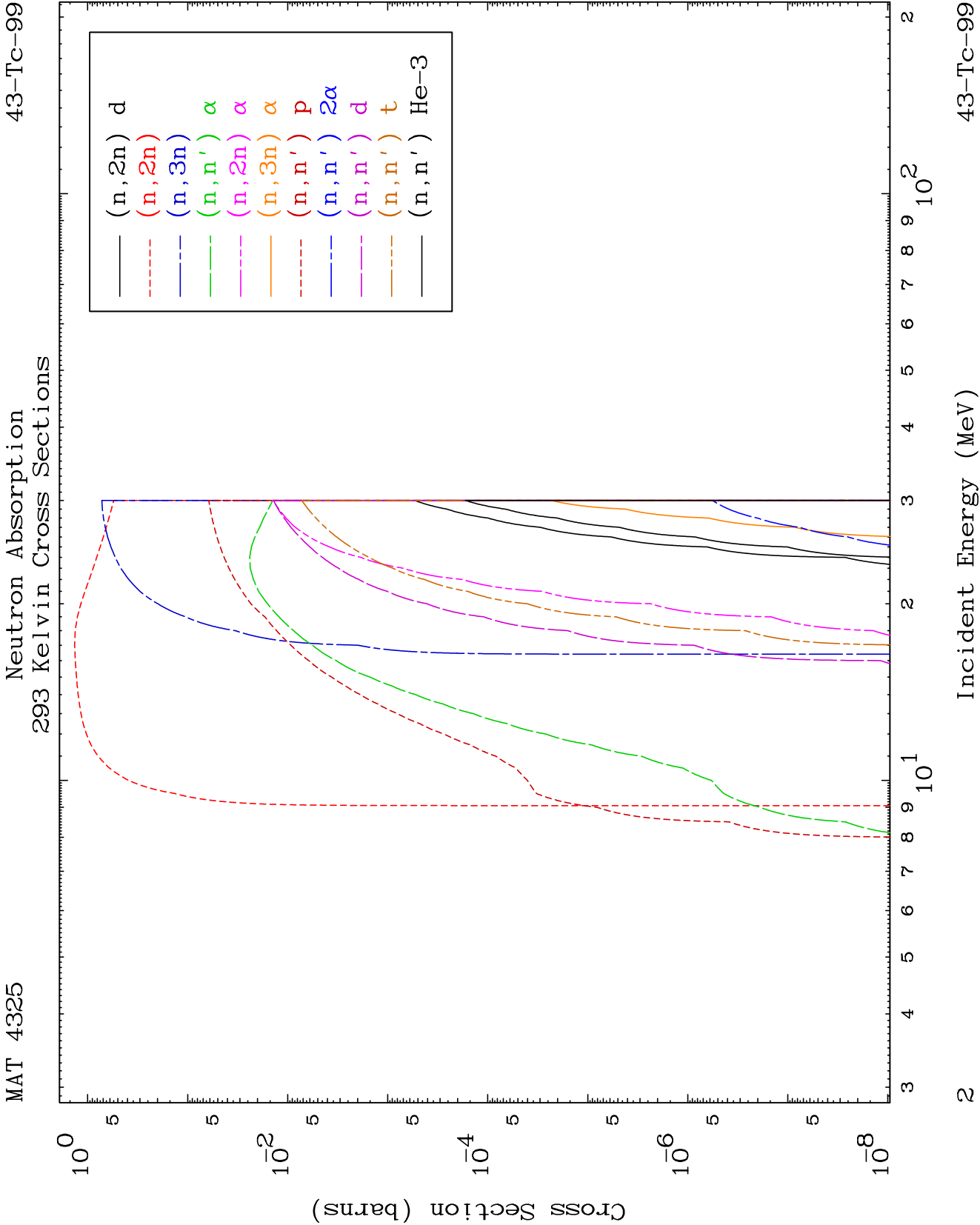
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

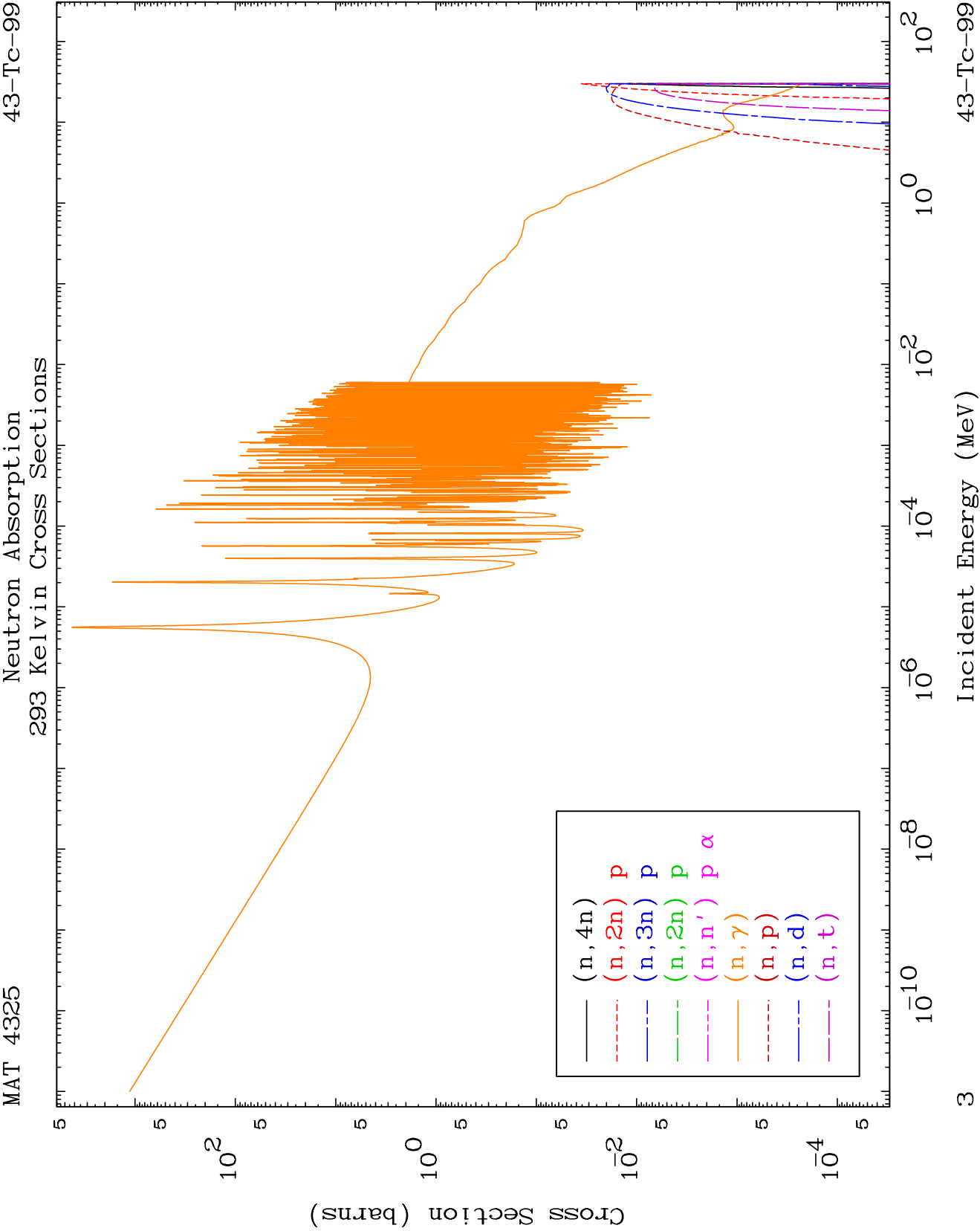
Tele: 925-443-1911

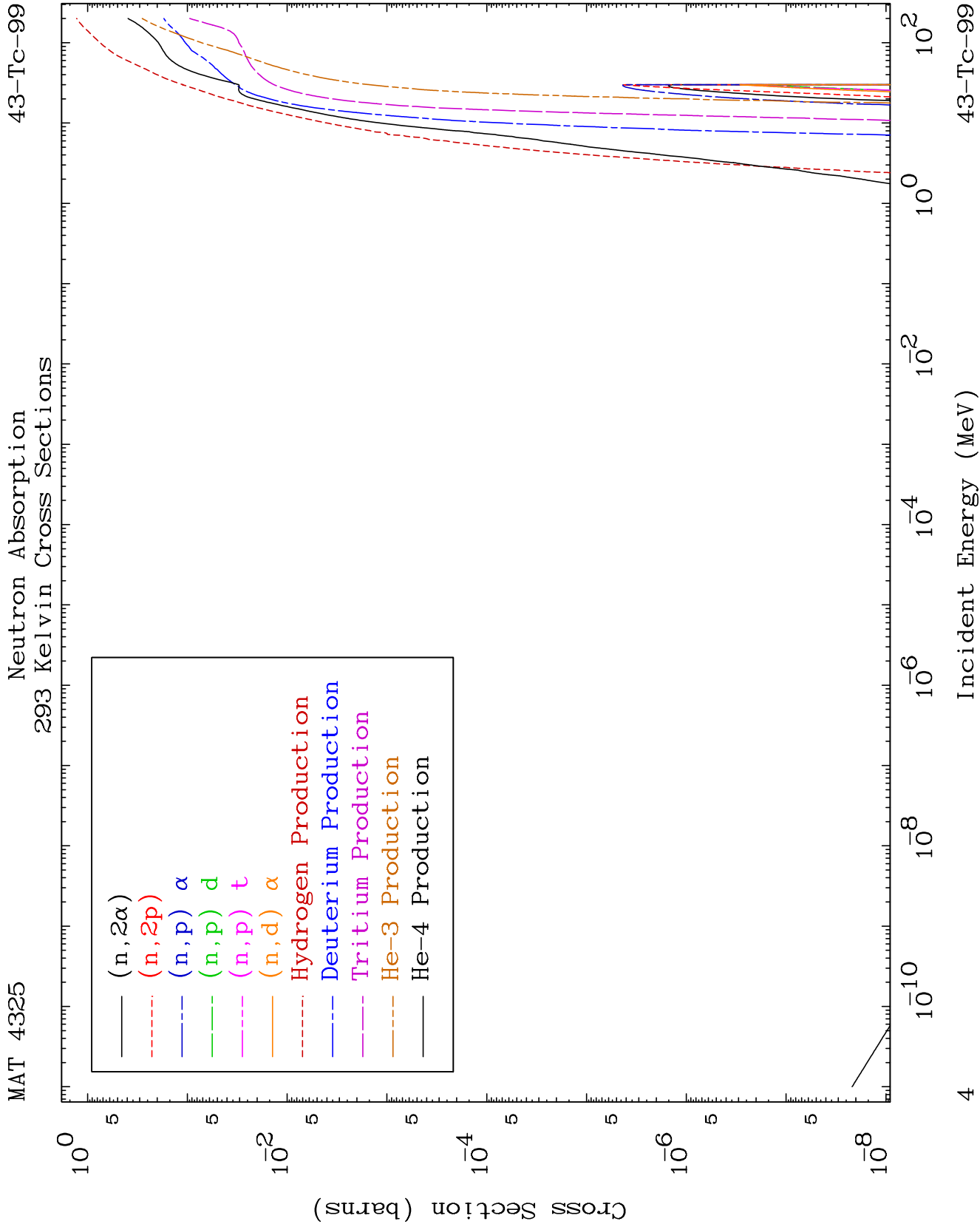
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start







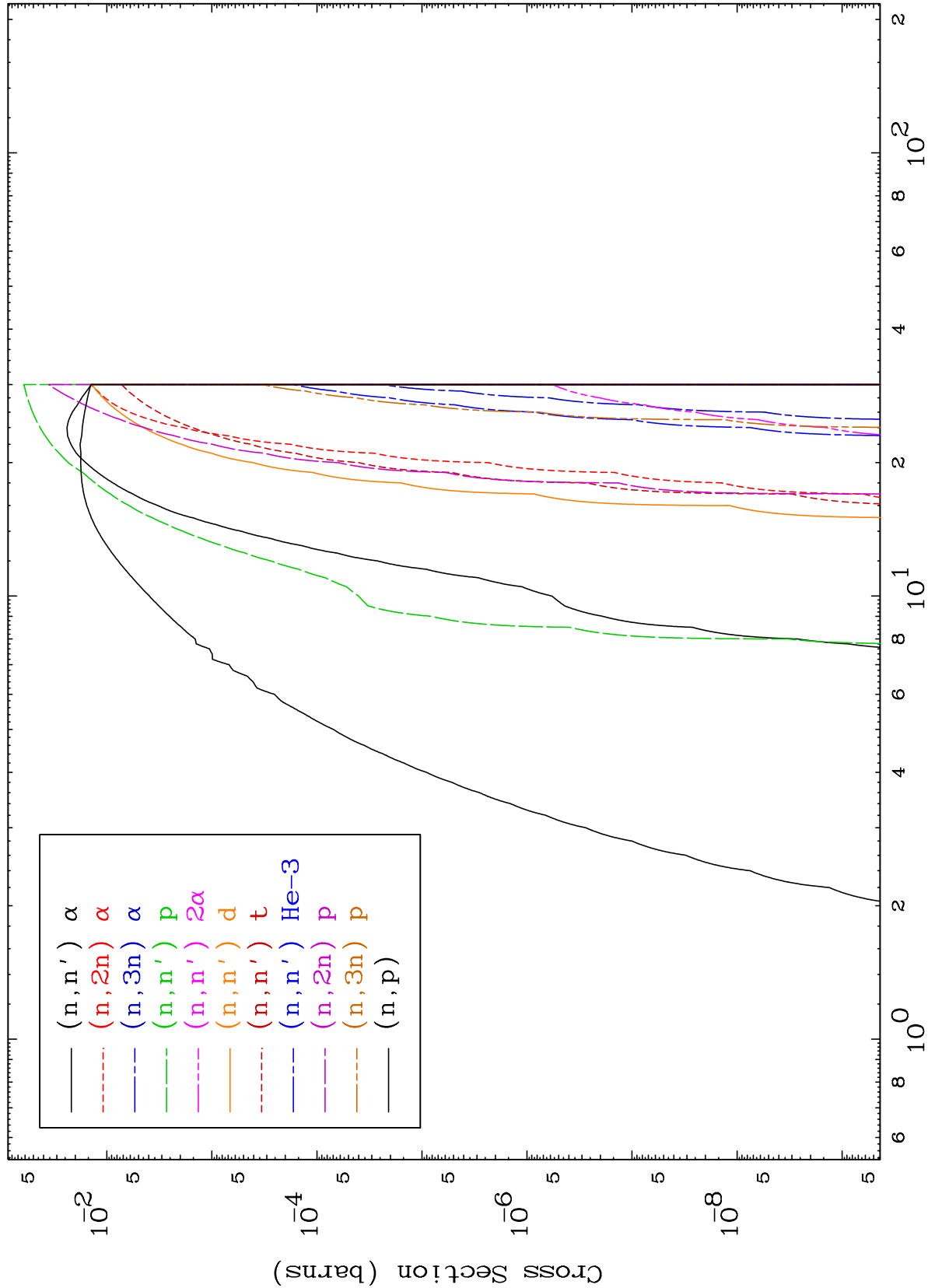


MAT 4325

Charged Particle

43-Tc-99

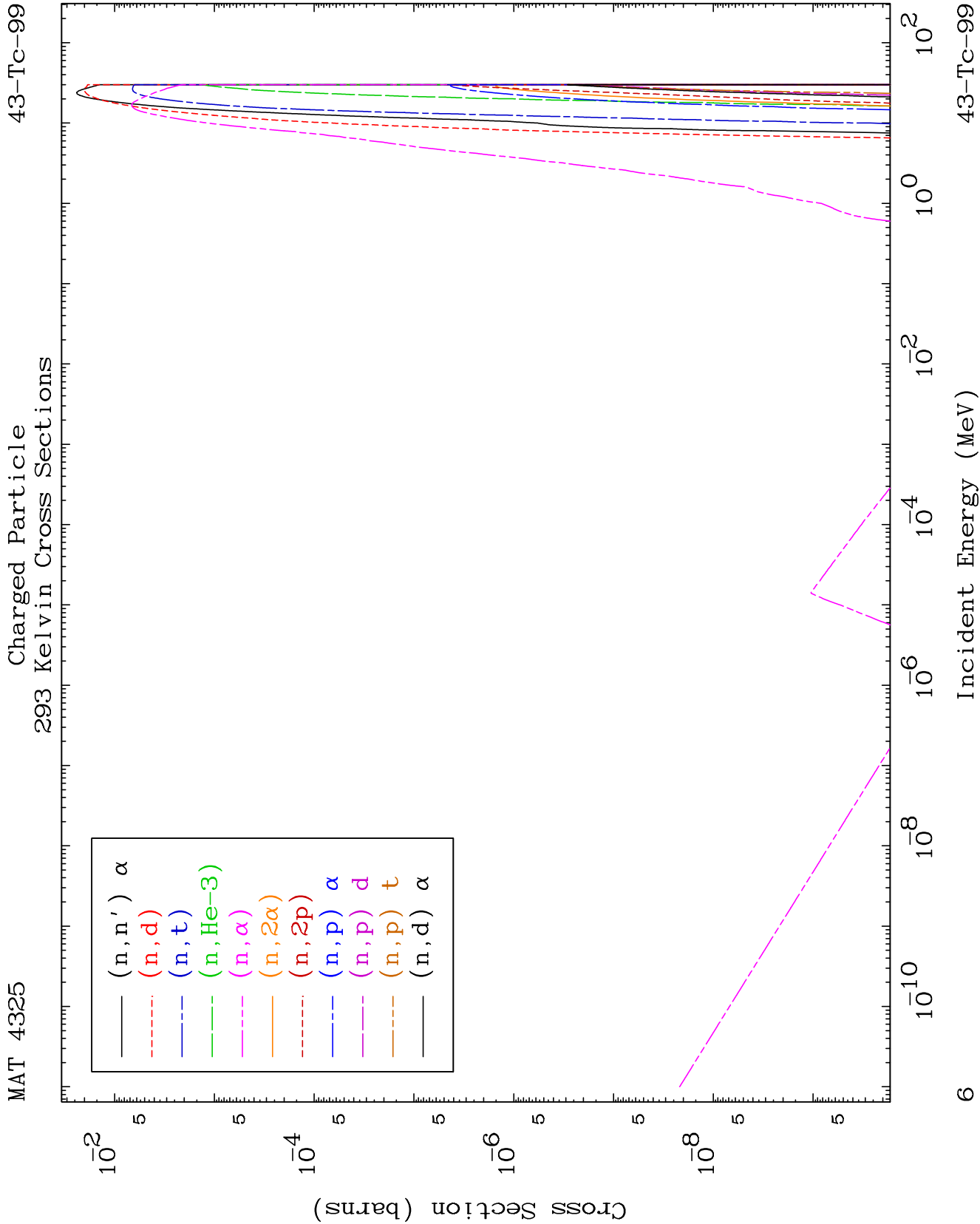
293 Kelvin Cross Sections

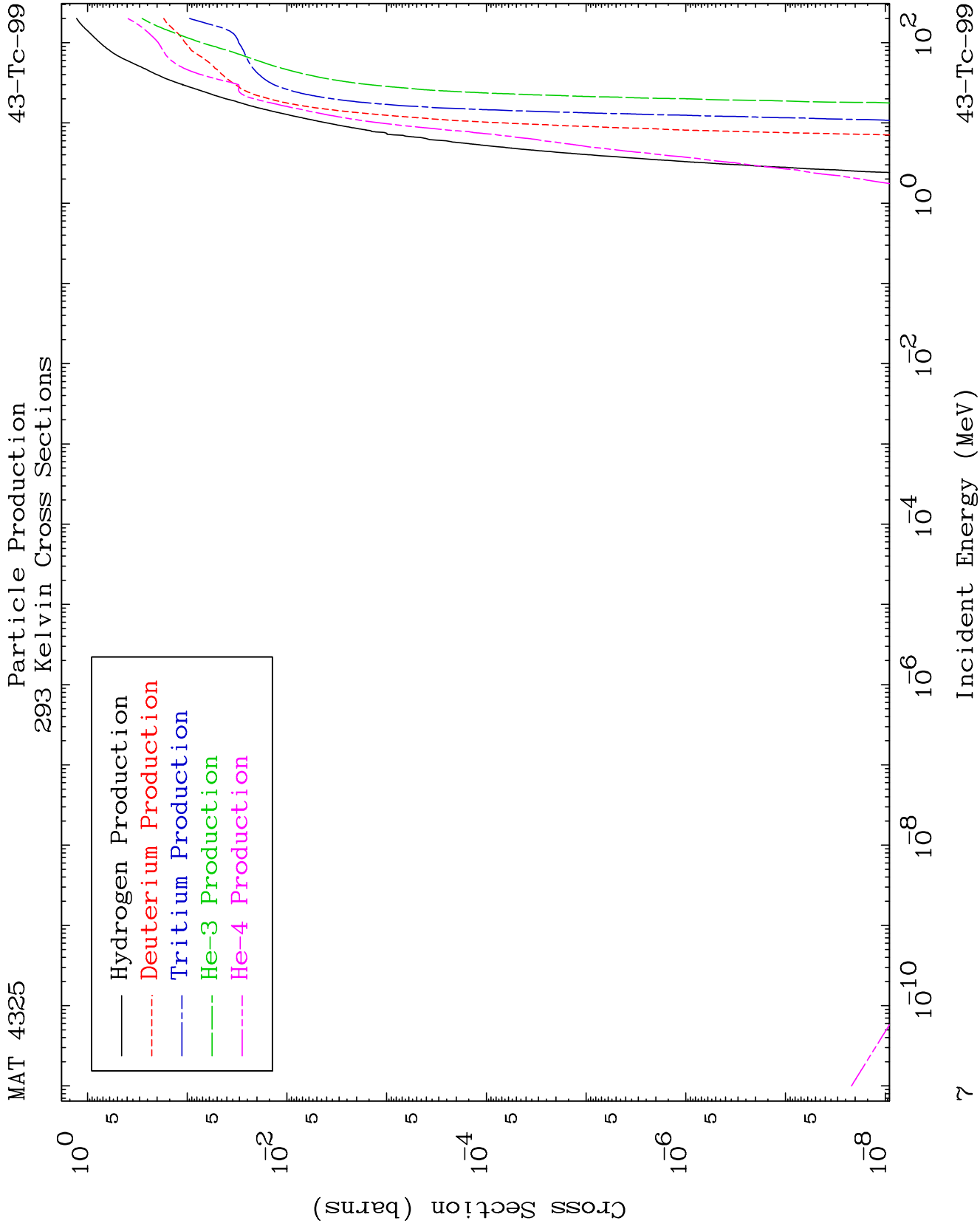


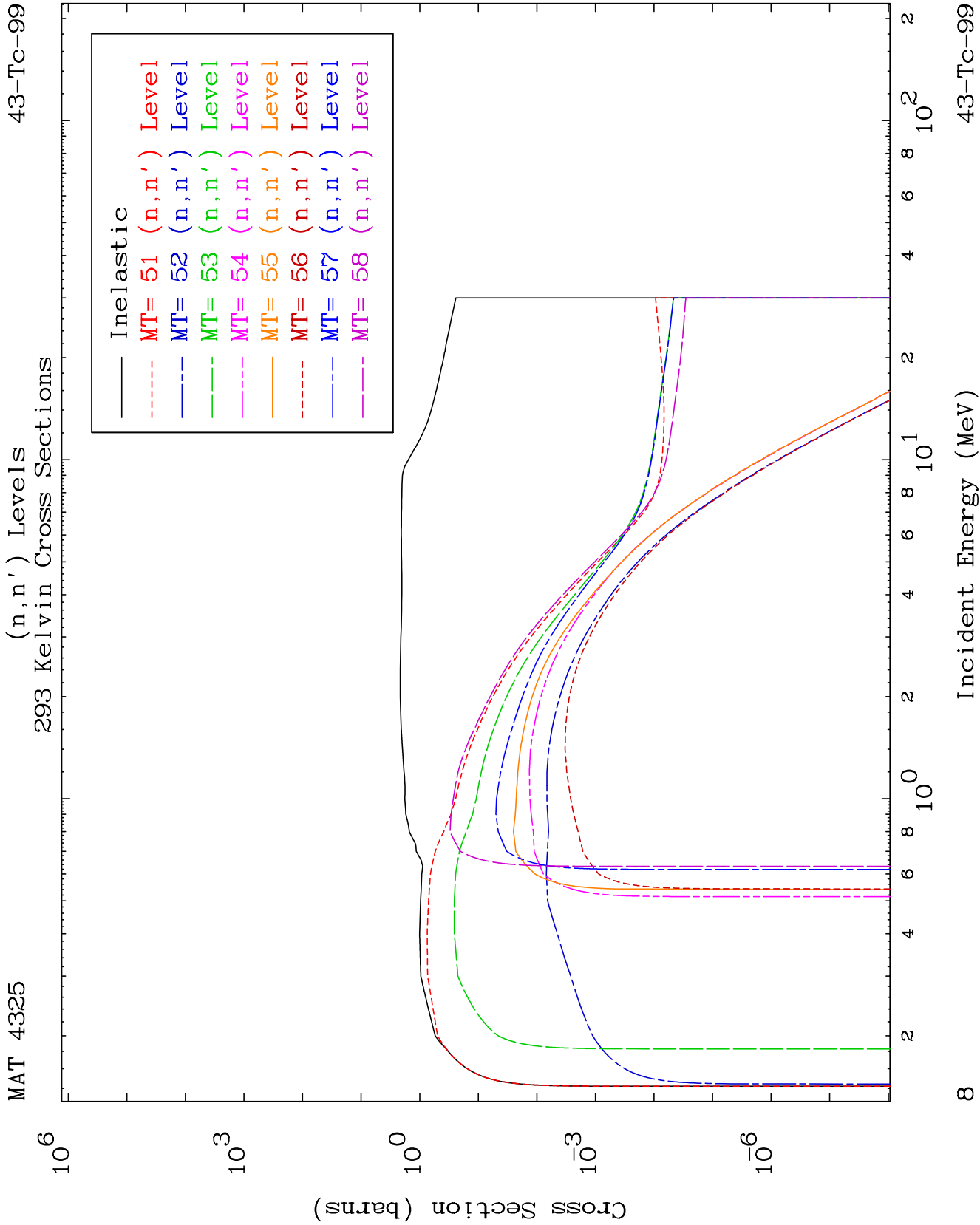
Incident Energy (MeV)

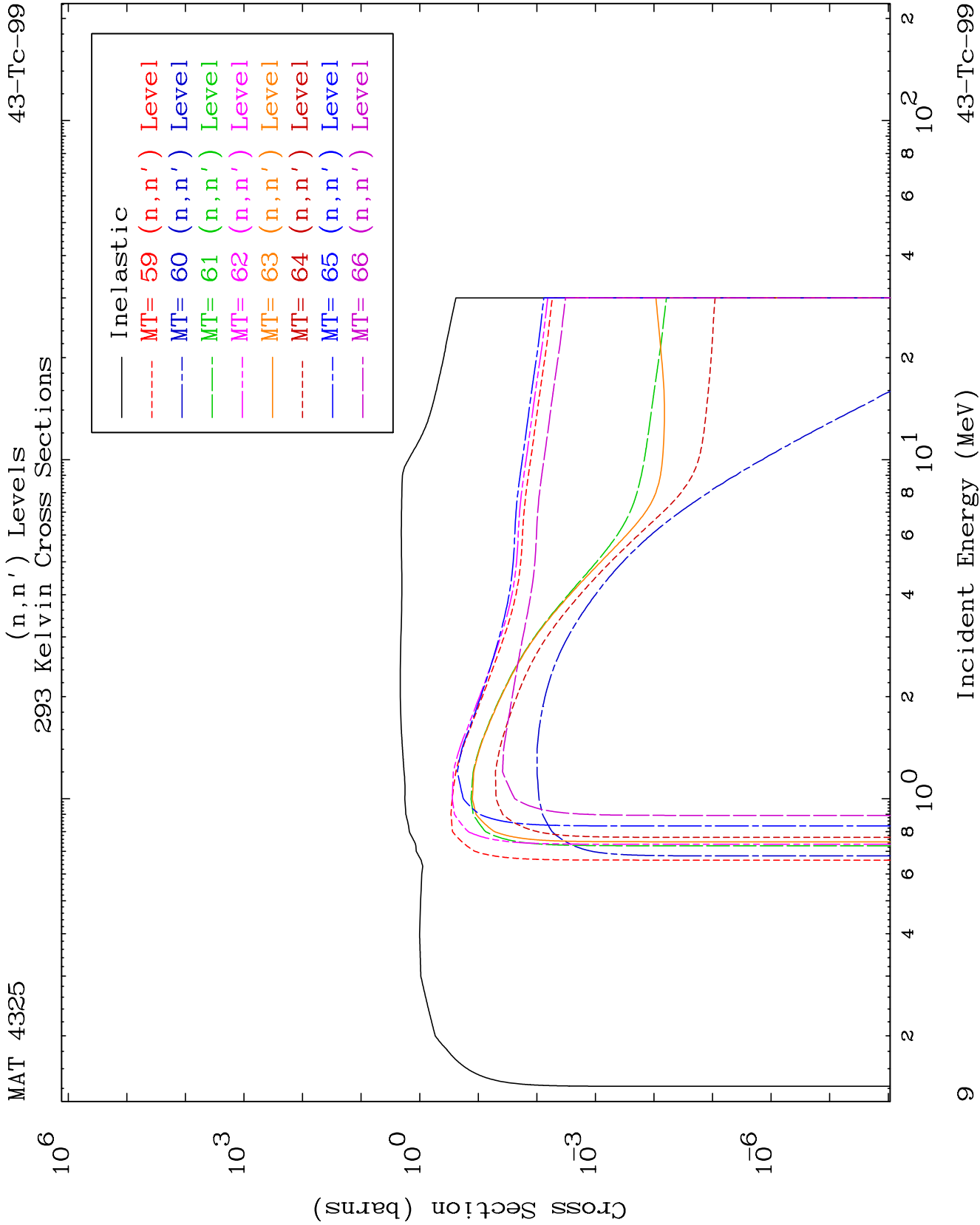
43-Tc-99

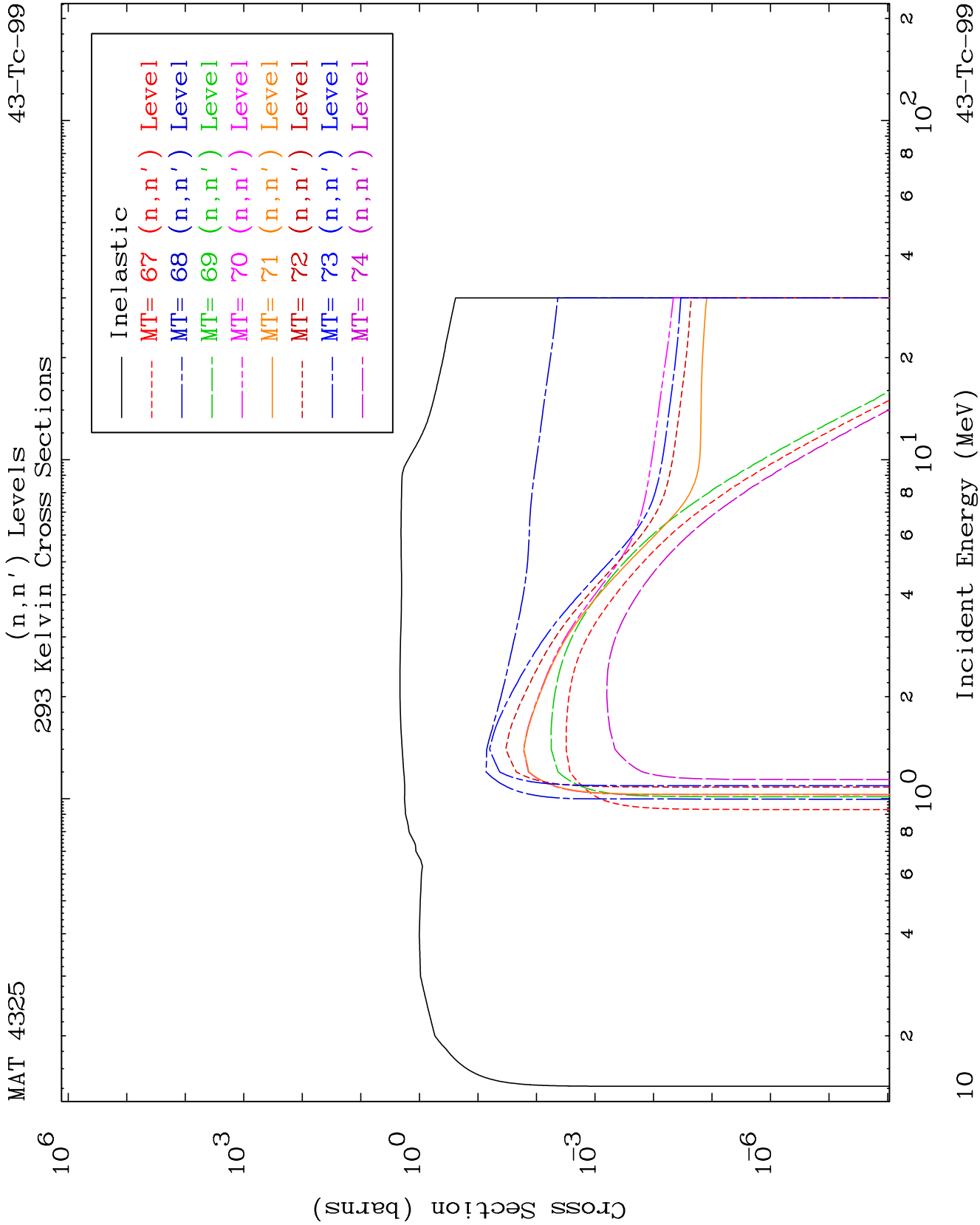
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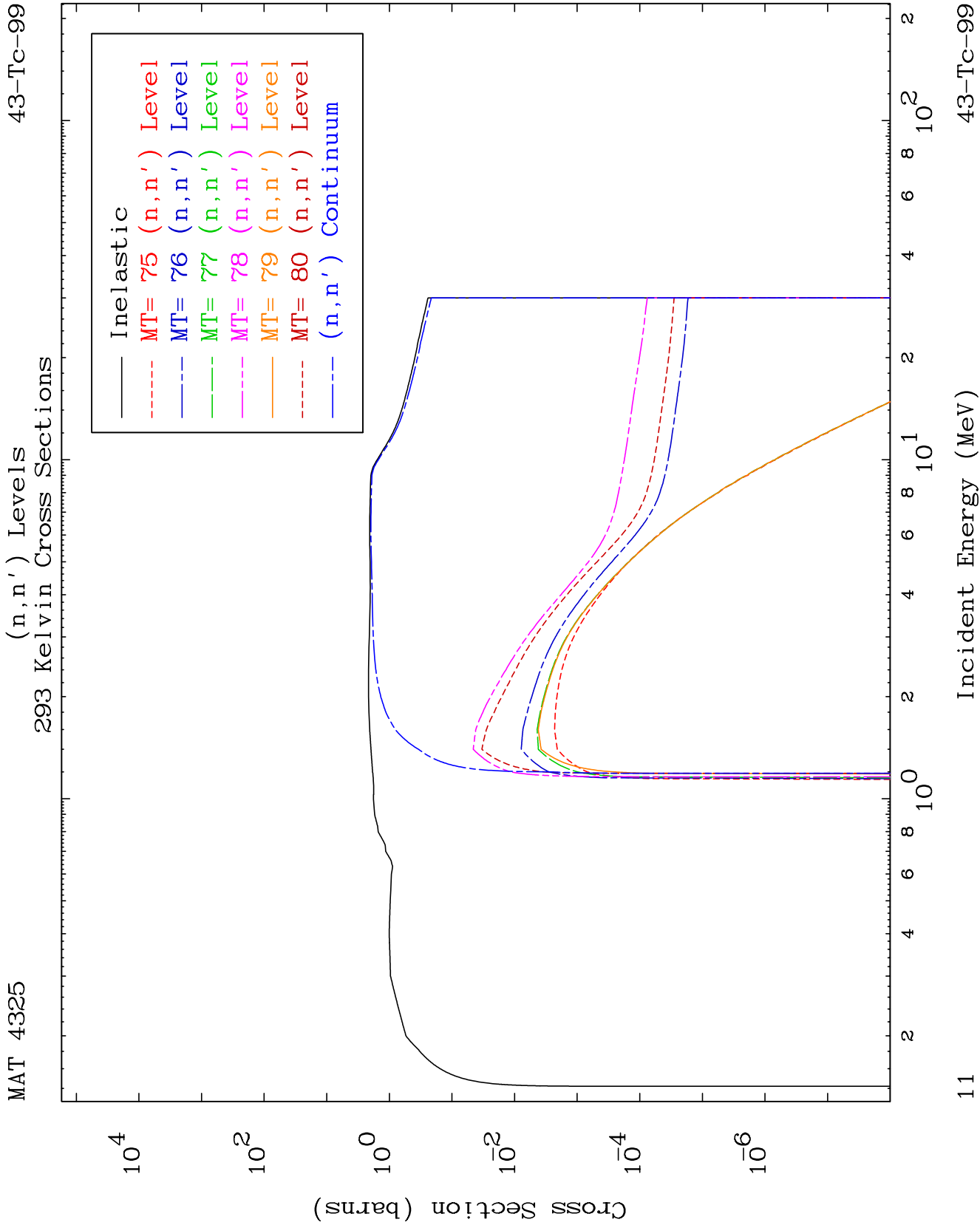








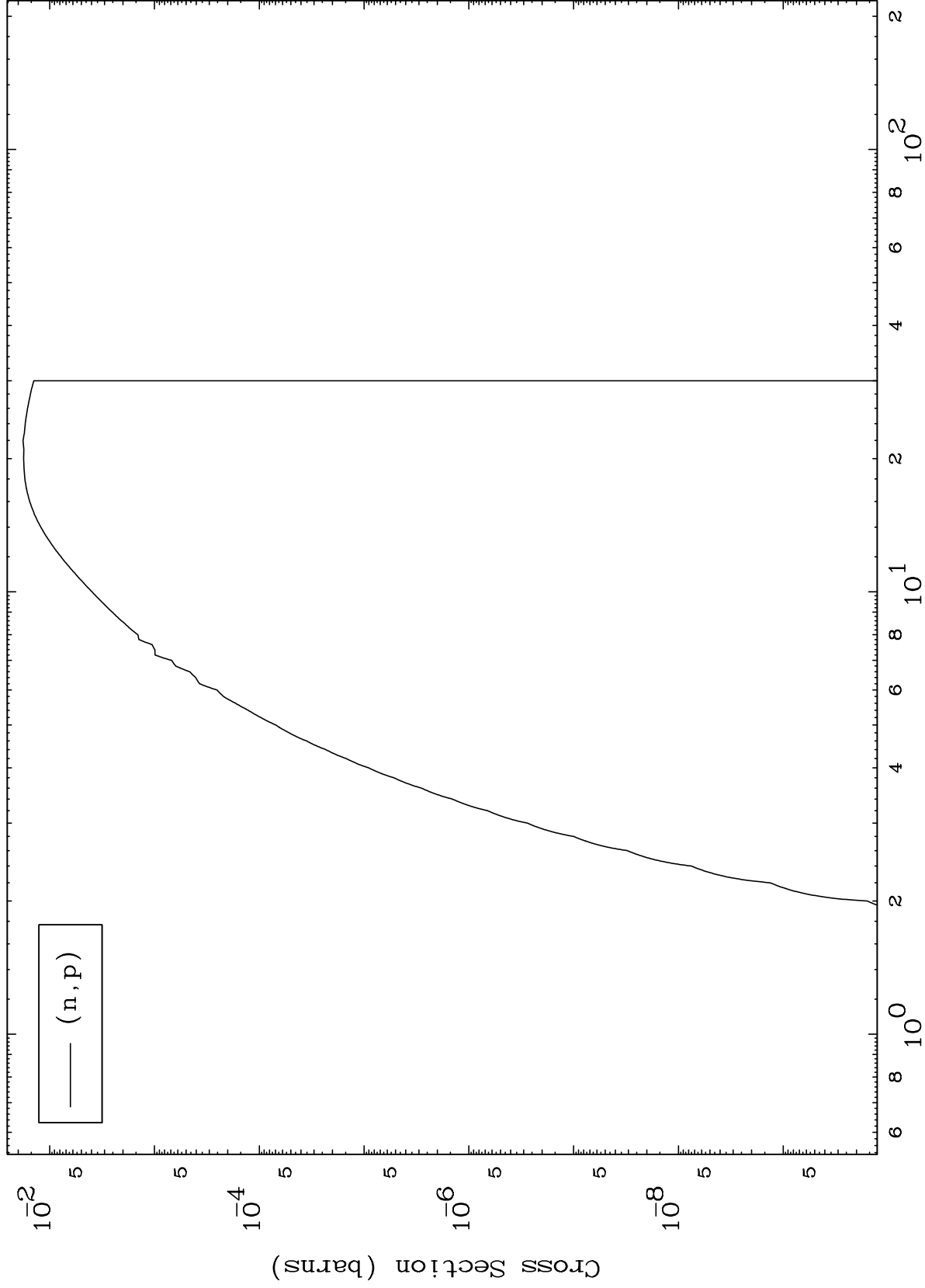




MAT 4325

43-Tc-99

(n,p) Levels
293 Kelvin Cross Sections



43-Tc-99

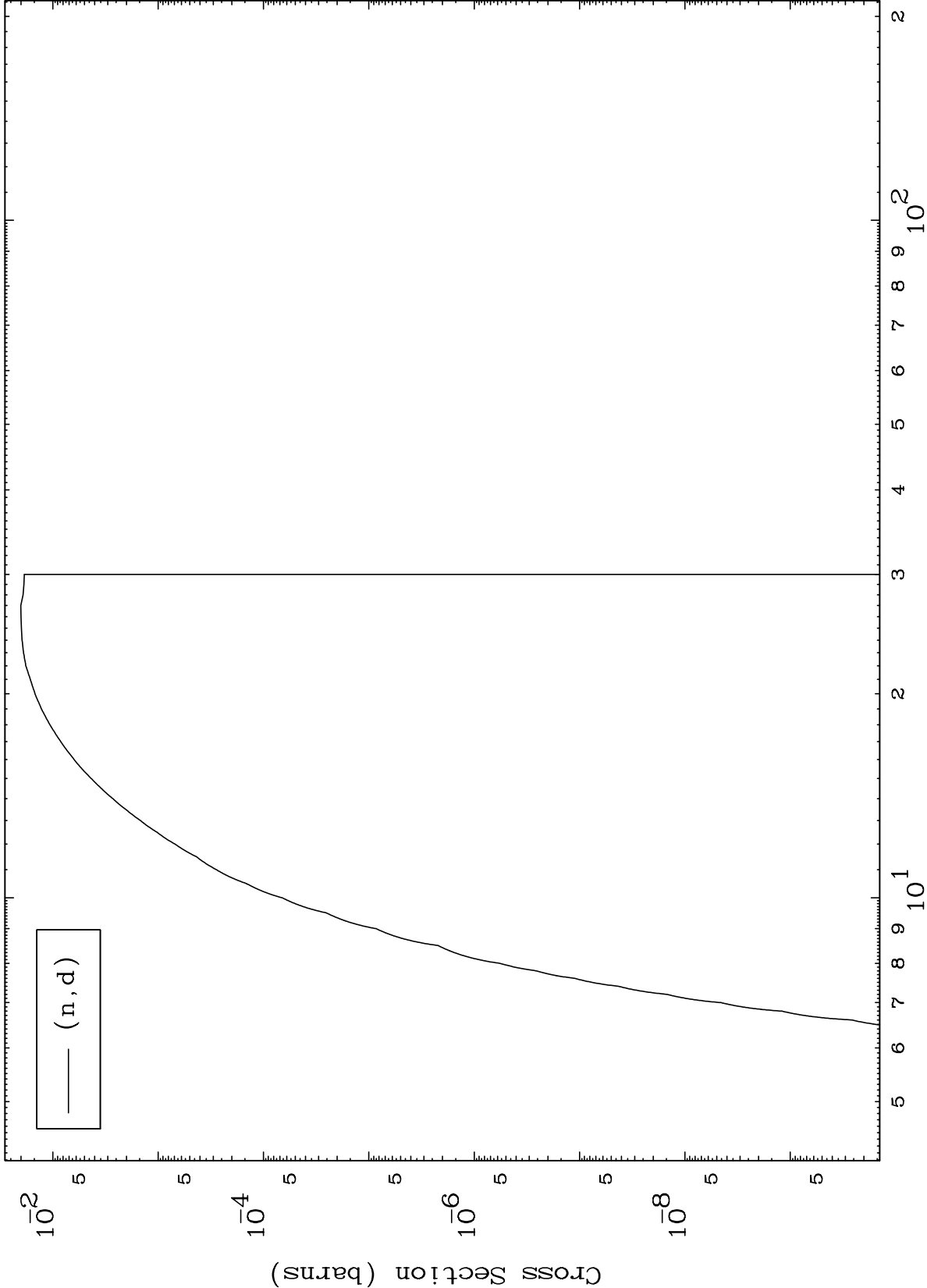
Incident Energy (MeV)

12

MAT 4325

43-Tc-99

(n,d) Levels
293 Kelvin Cross Sections



13

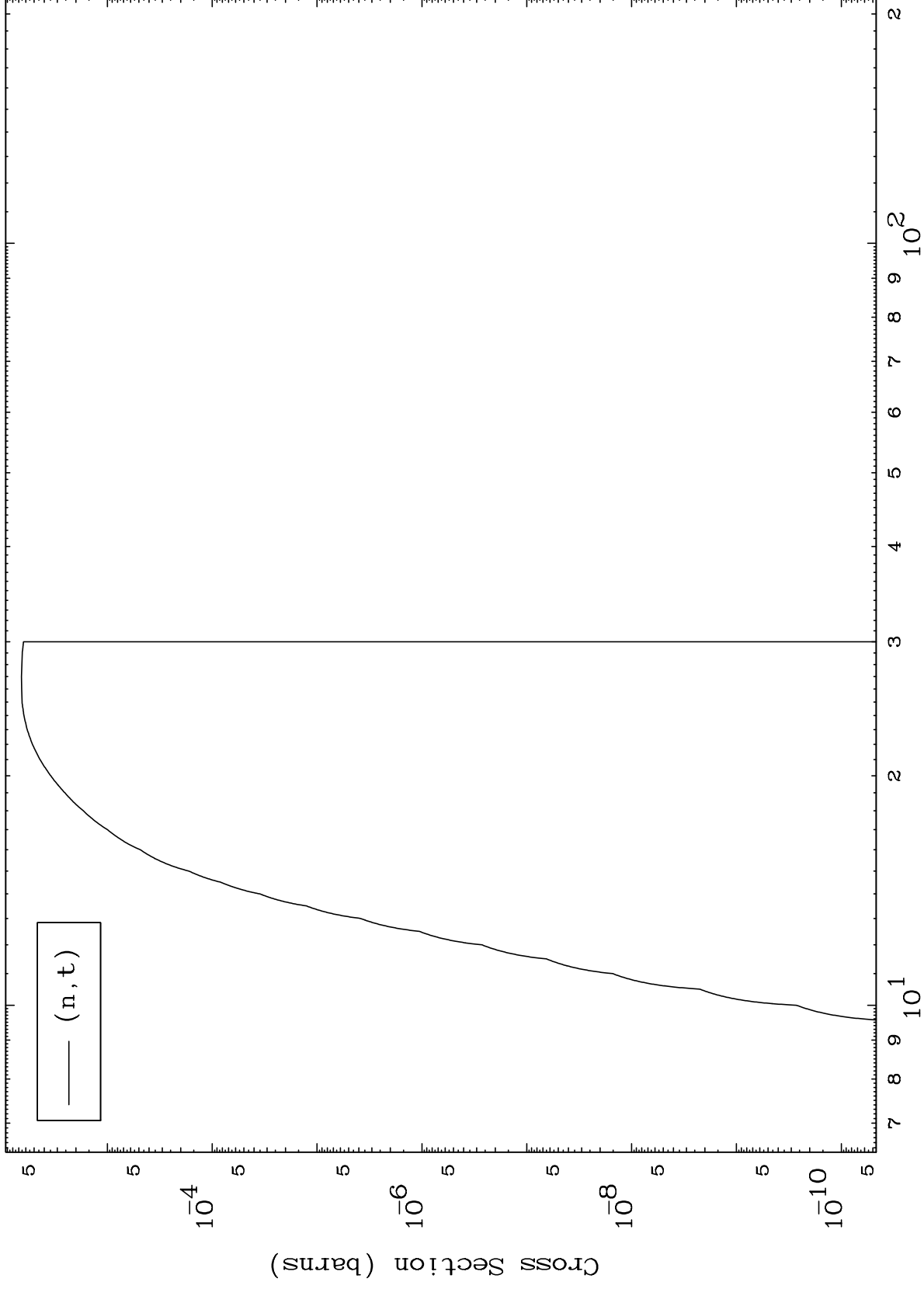
Incident Energy (MeV)

43-Tc-99

MAT 4325

(n,t) Levels
293 Kelvin Cross Sections

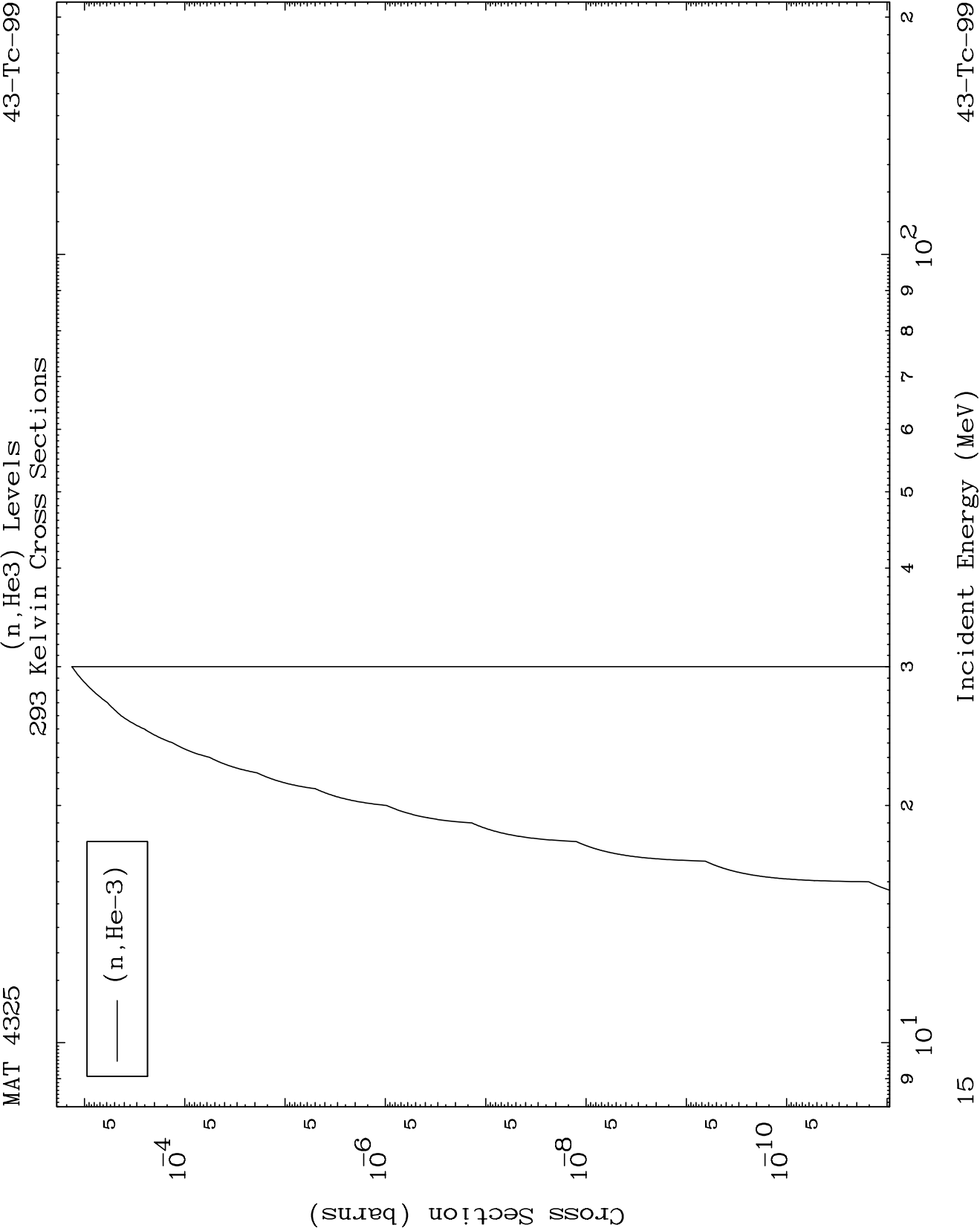
43-Tc-99



14

Incident Energy (MeV)

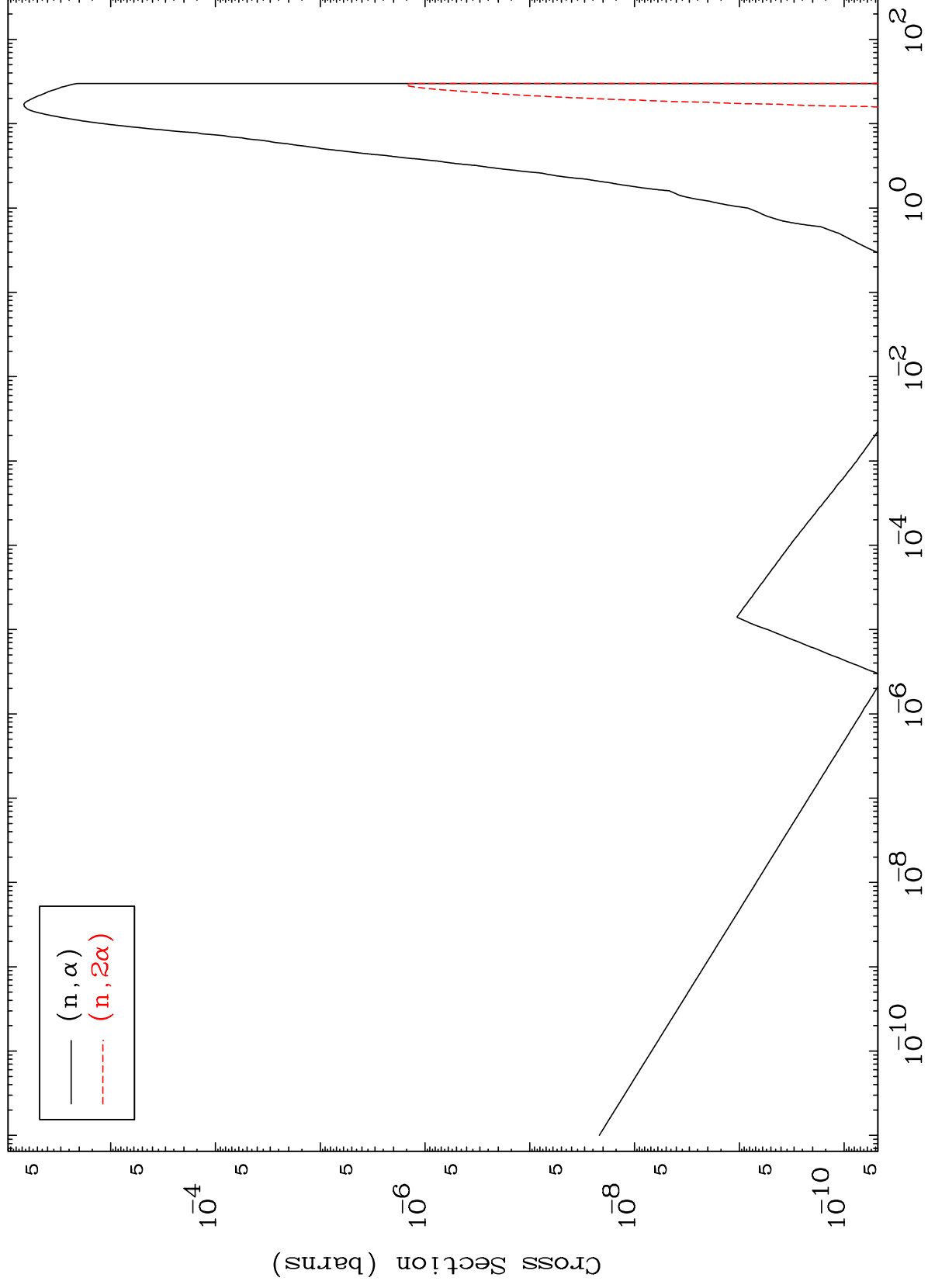
43-Tc-99



MAT 4325

(n, α) Levels
293 Kelvin Cross Sections

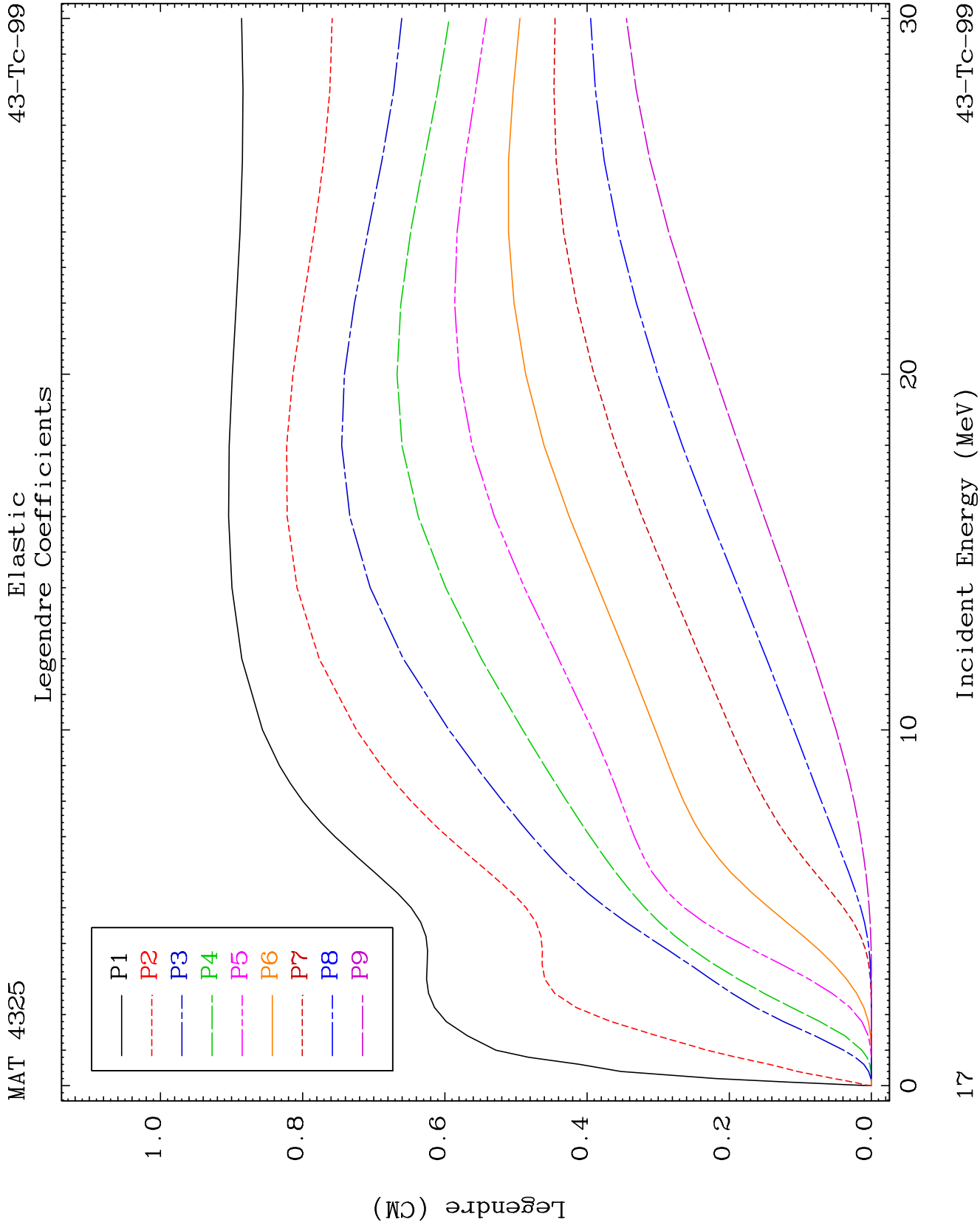
43-Tc-99

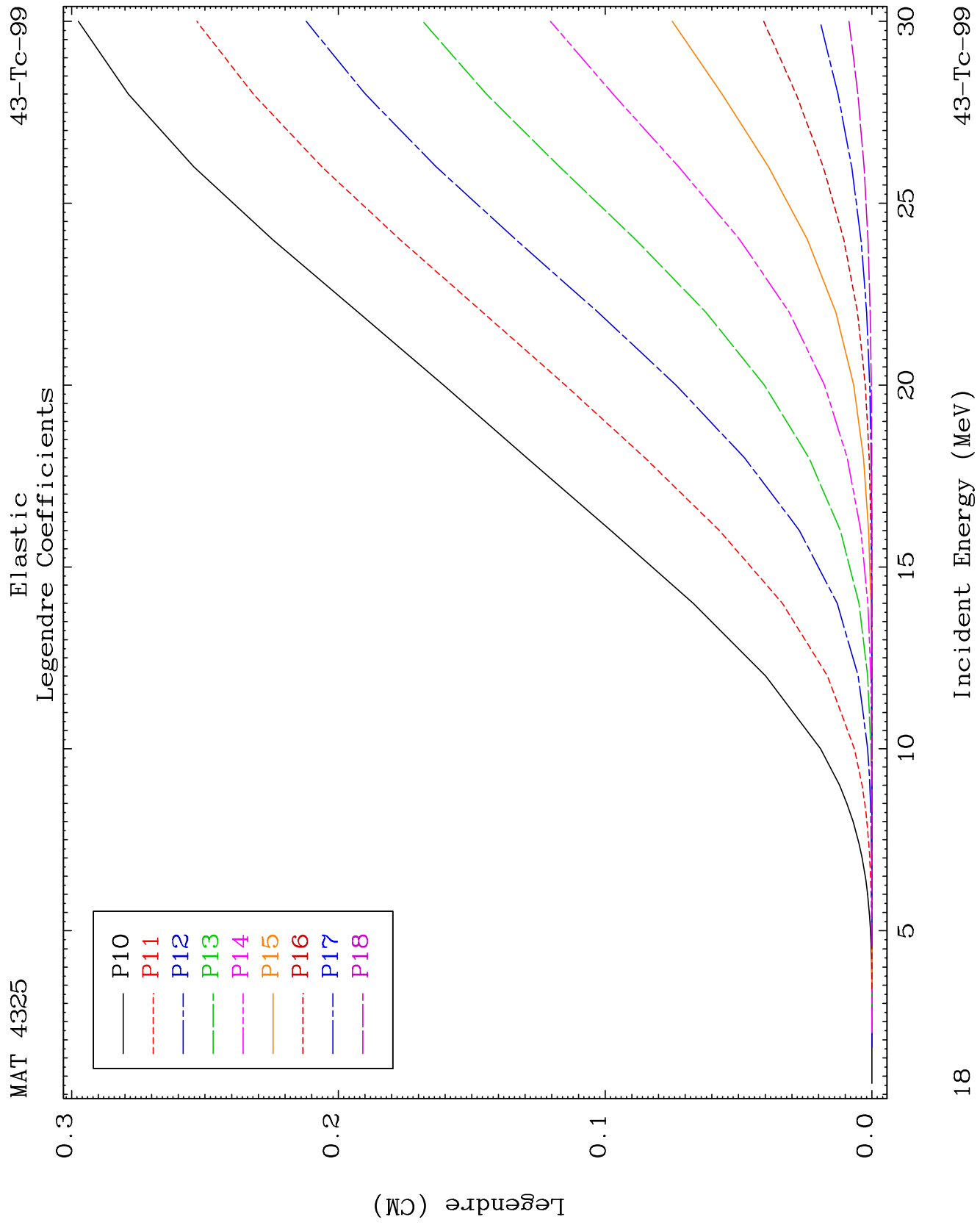


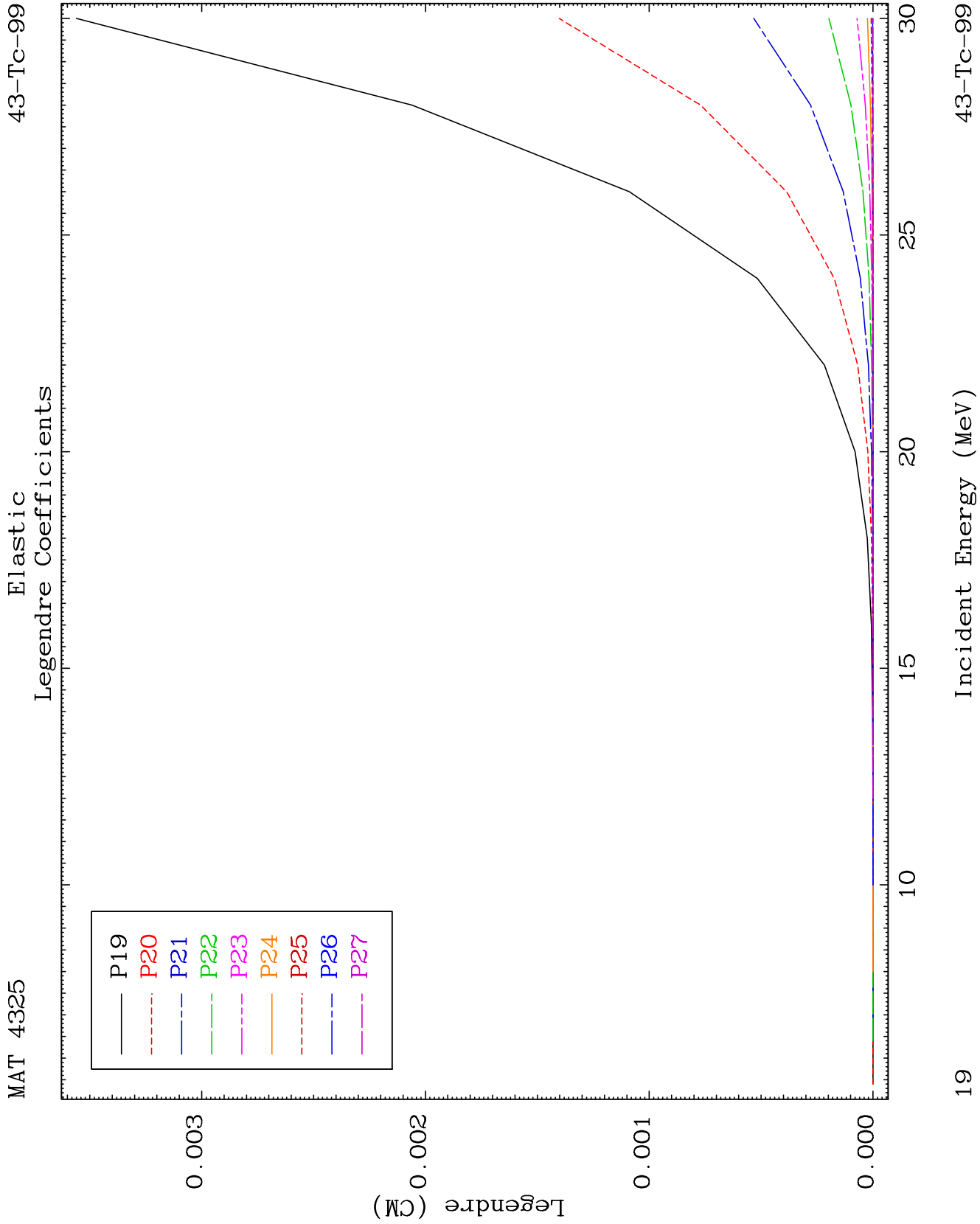
43-Tc-99

Incident Energy (MeV)

16



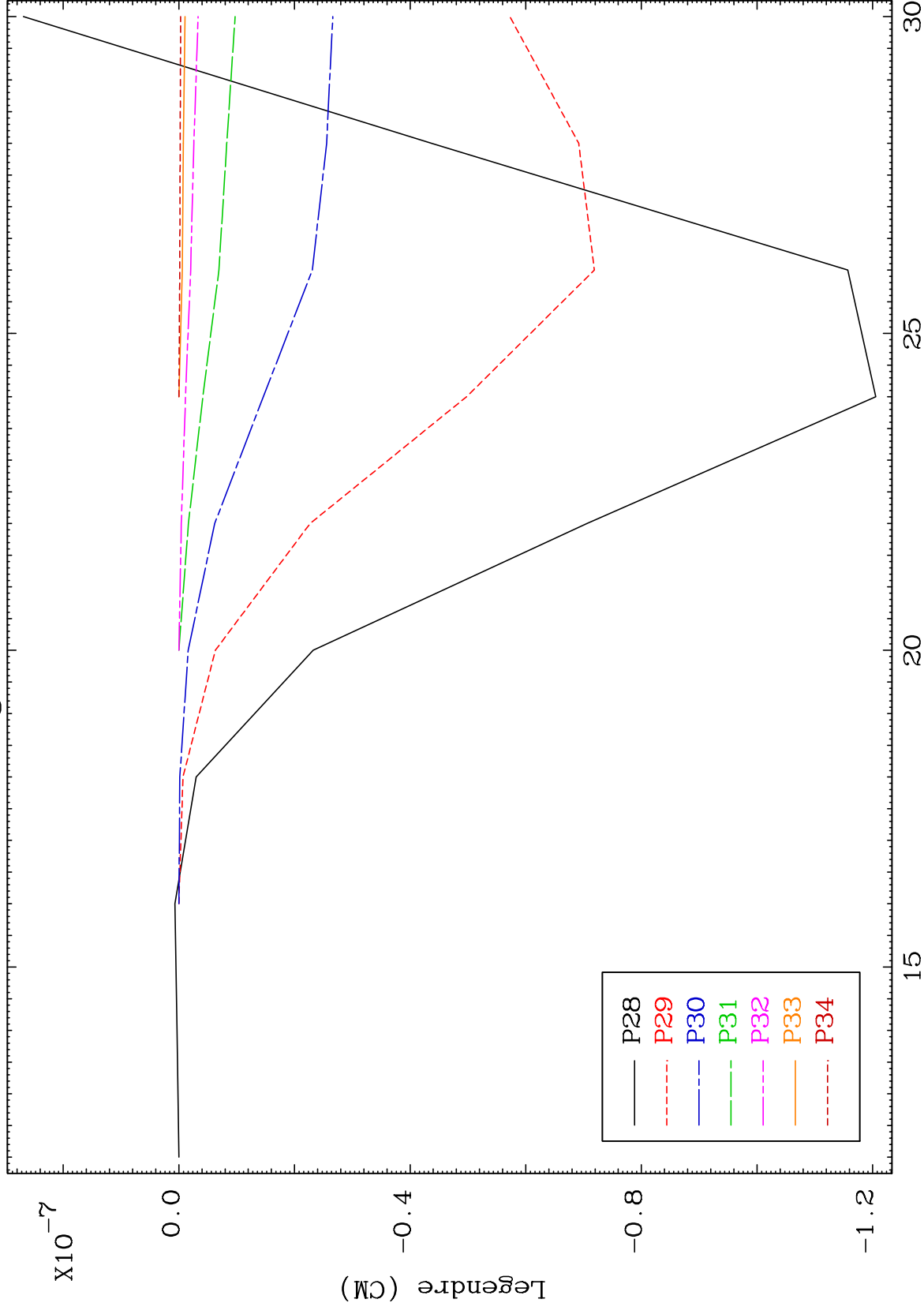




MAT 4325

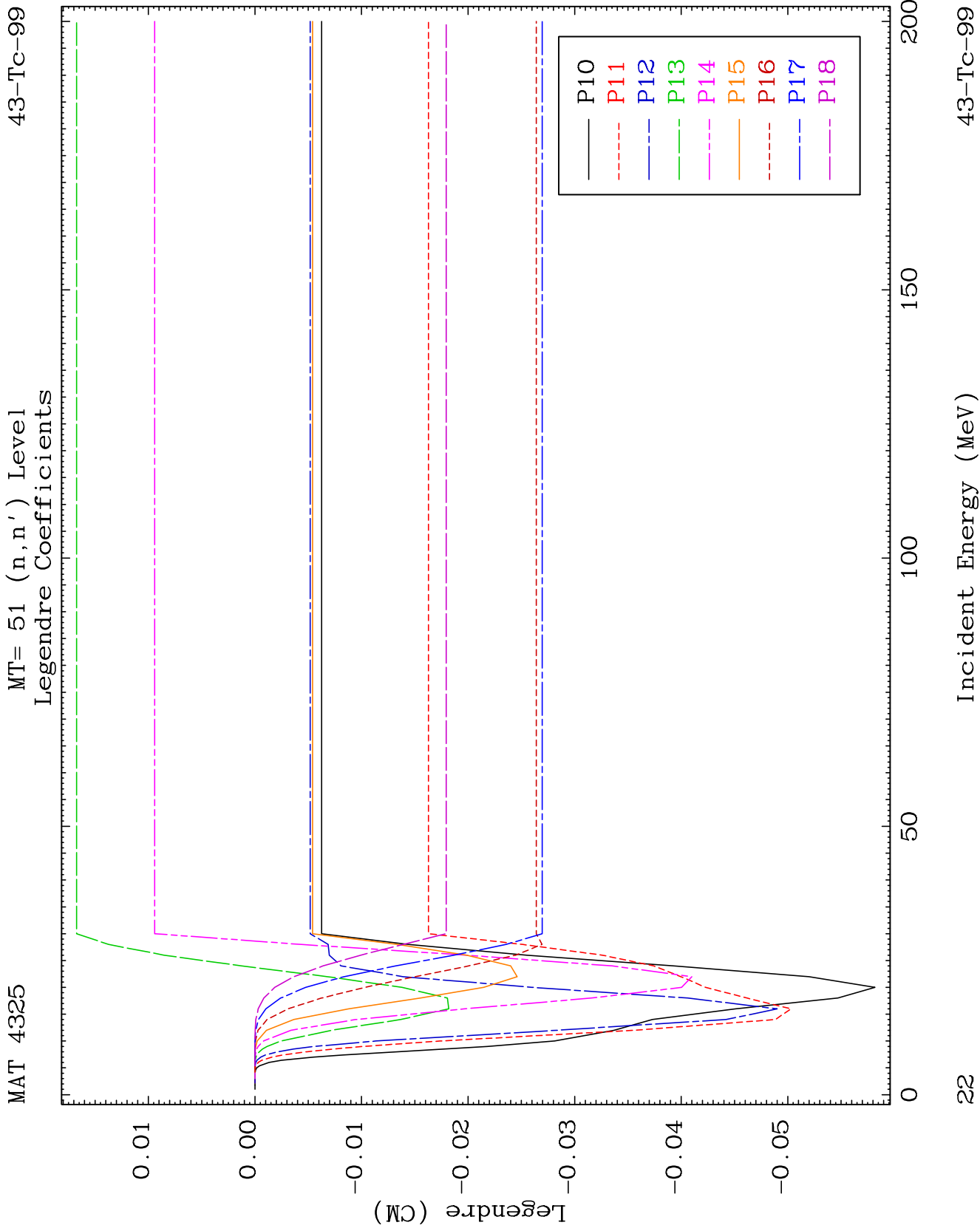
43-Tc-99

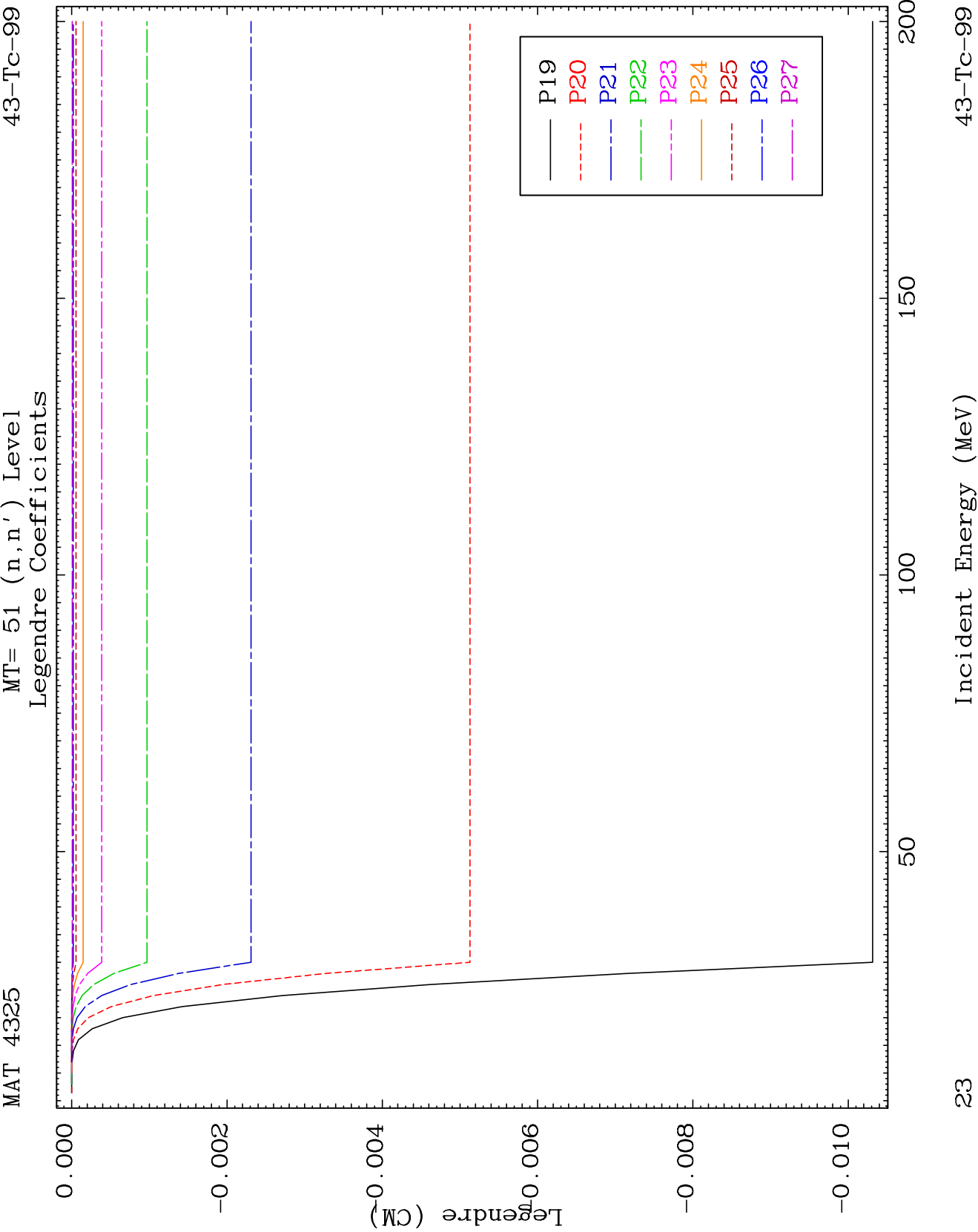
Elastic Legendre Coefficients

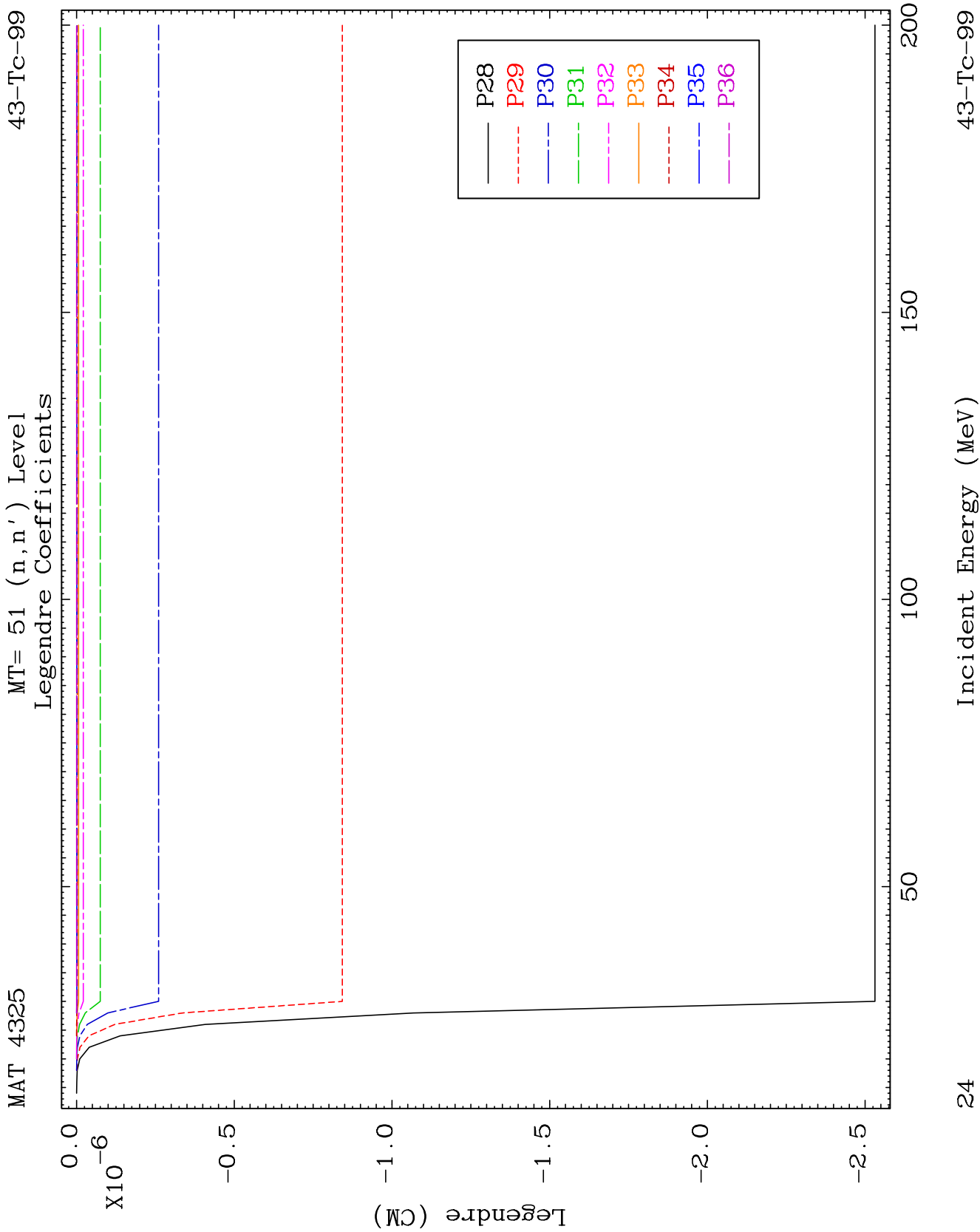


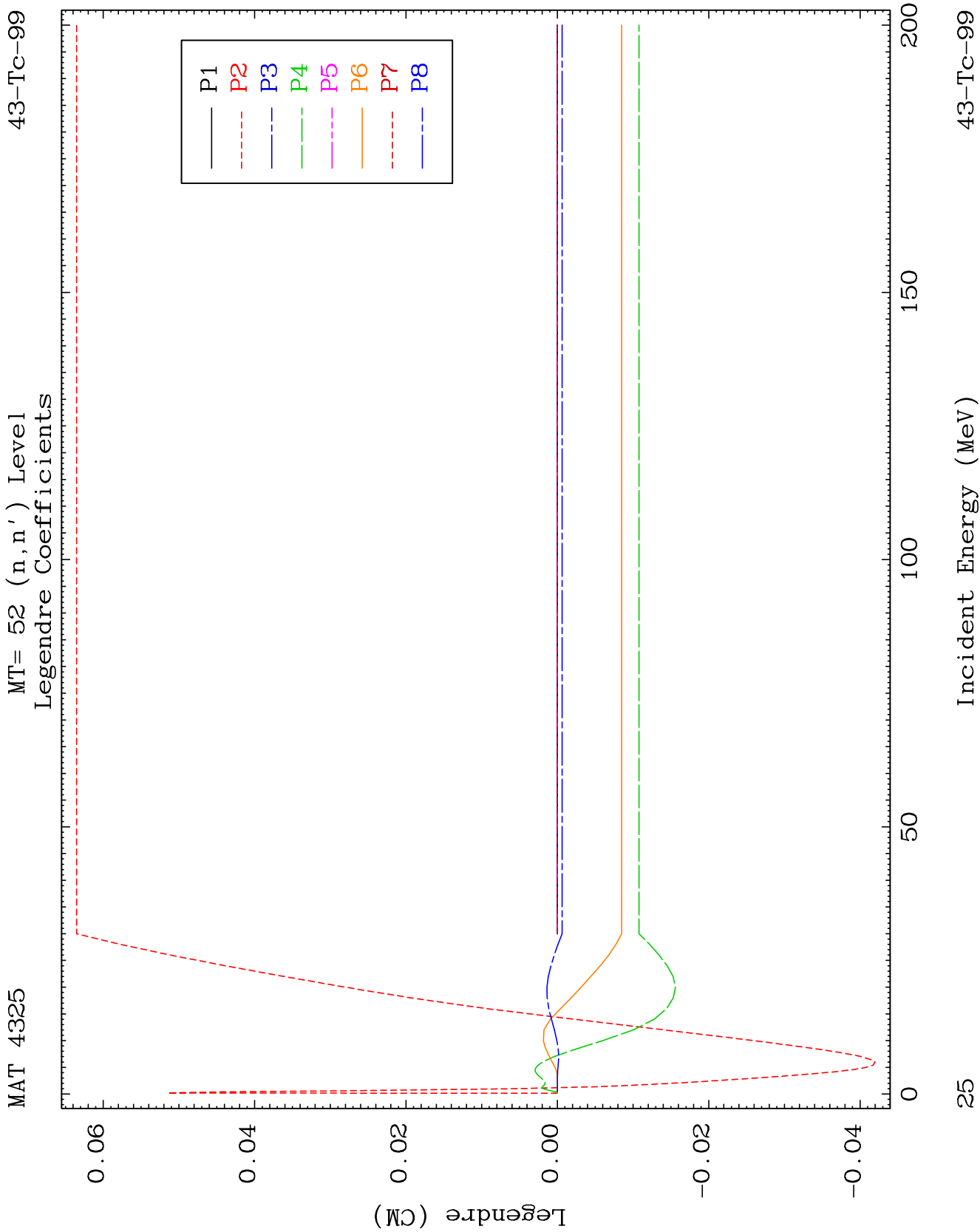
43-Tc-99

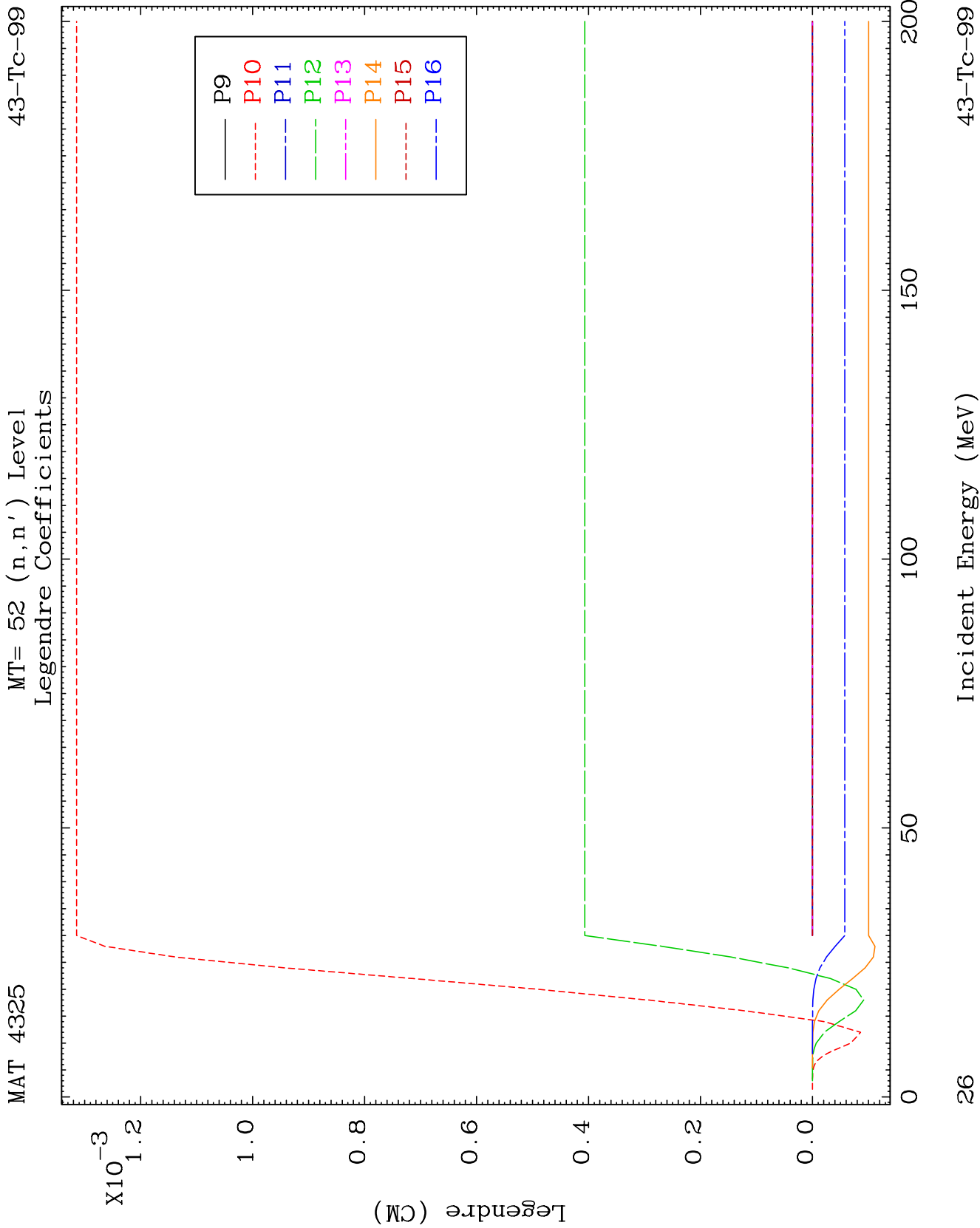
Incident Energy (MeV)

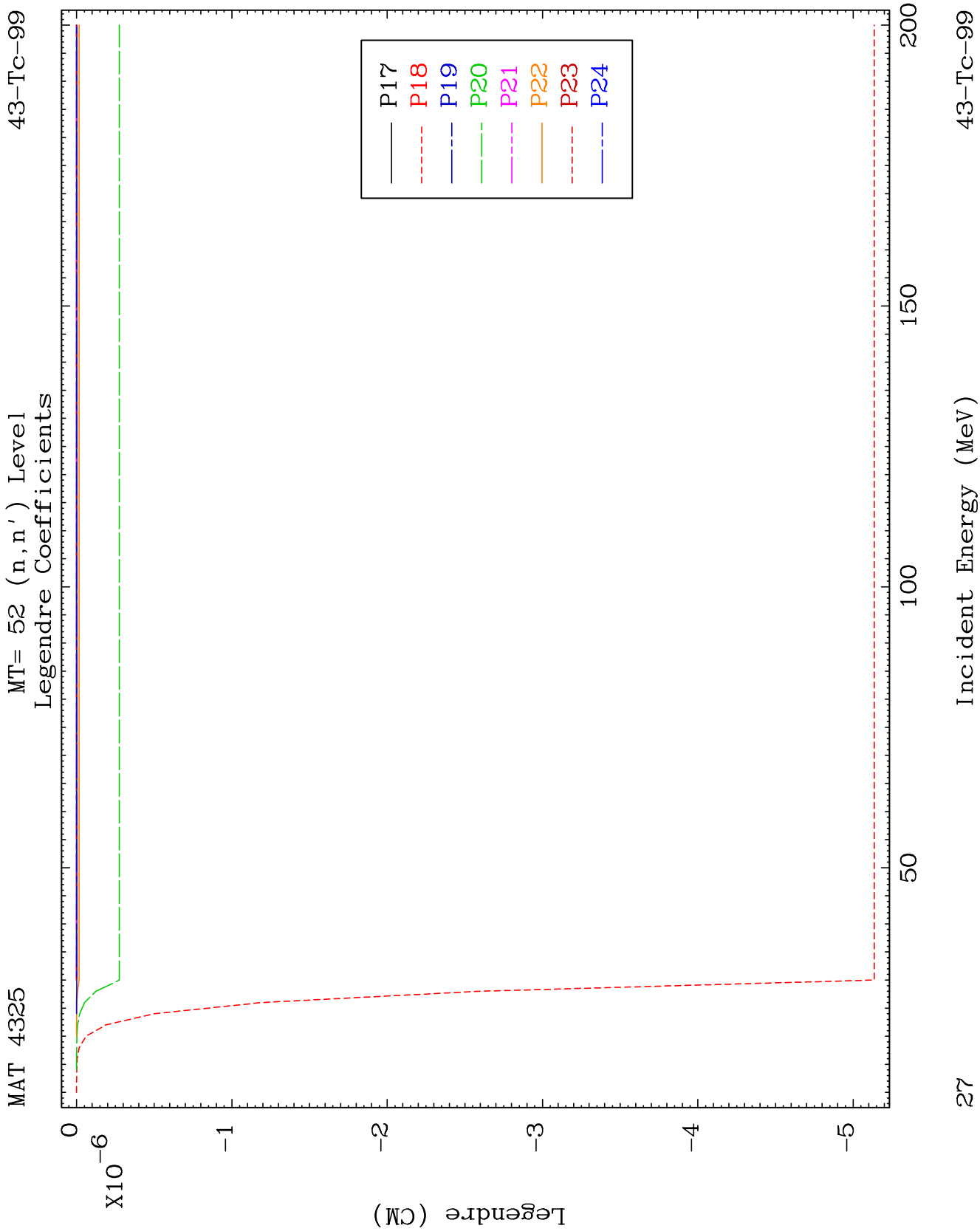








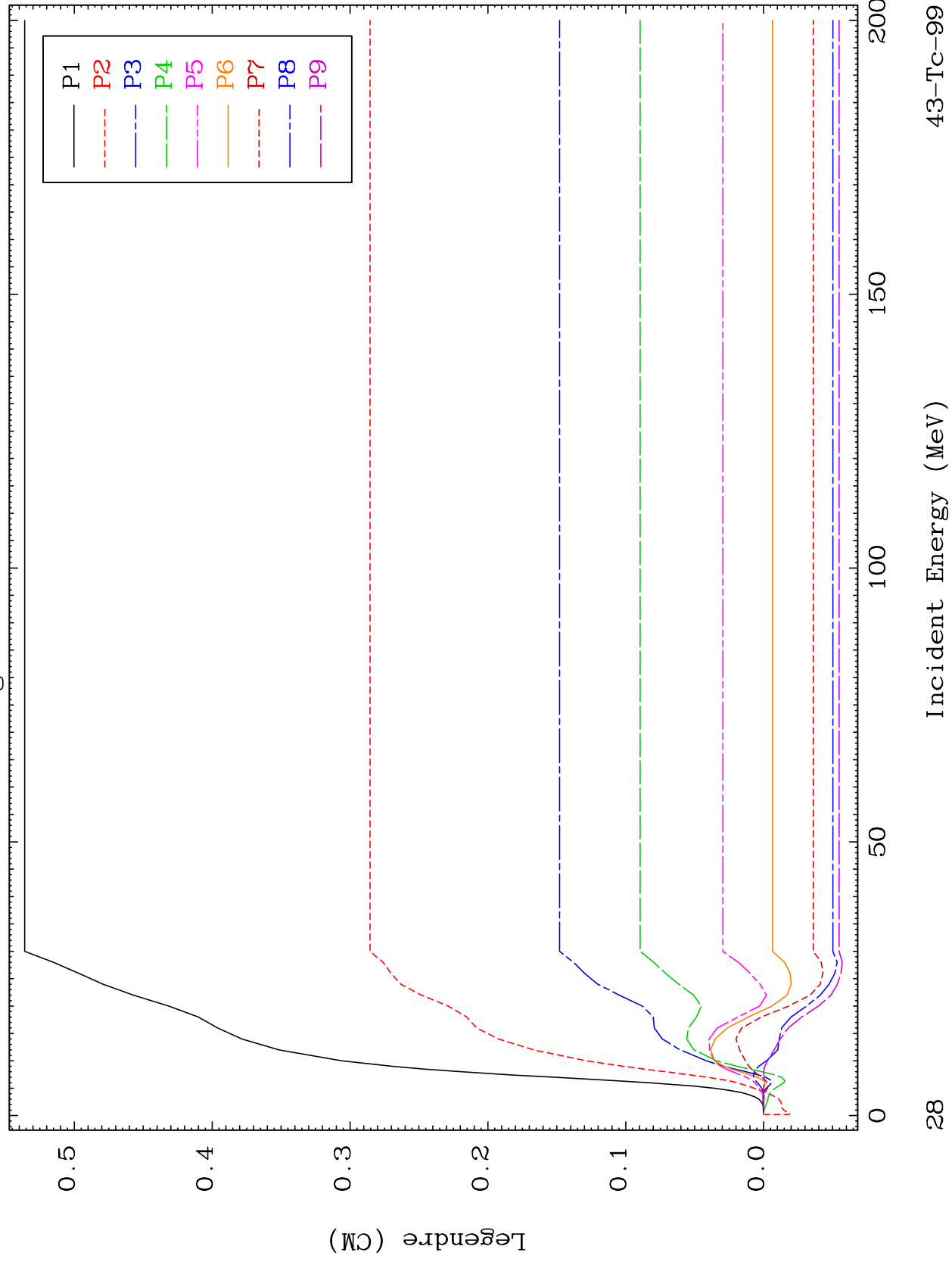


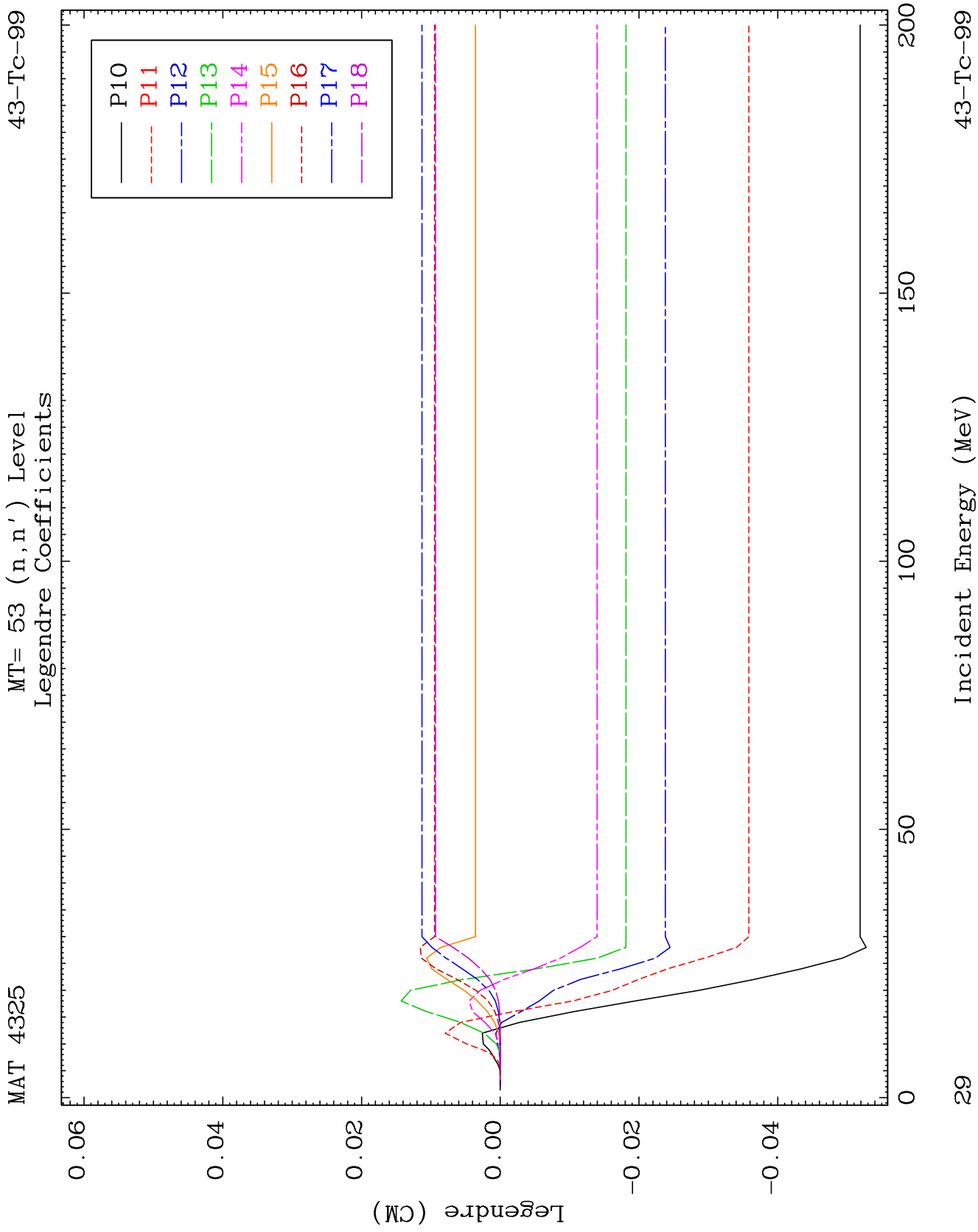


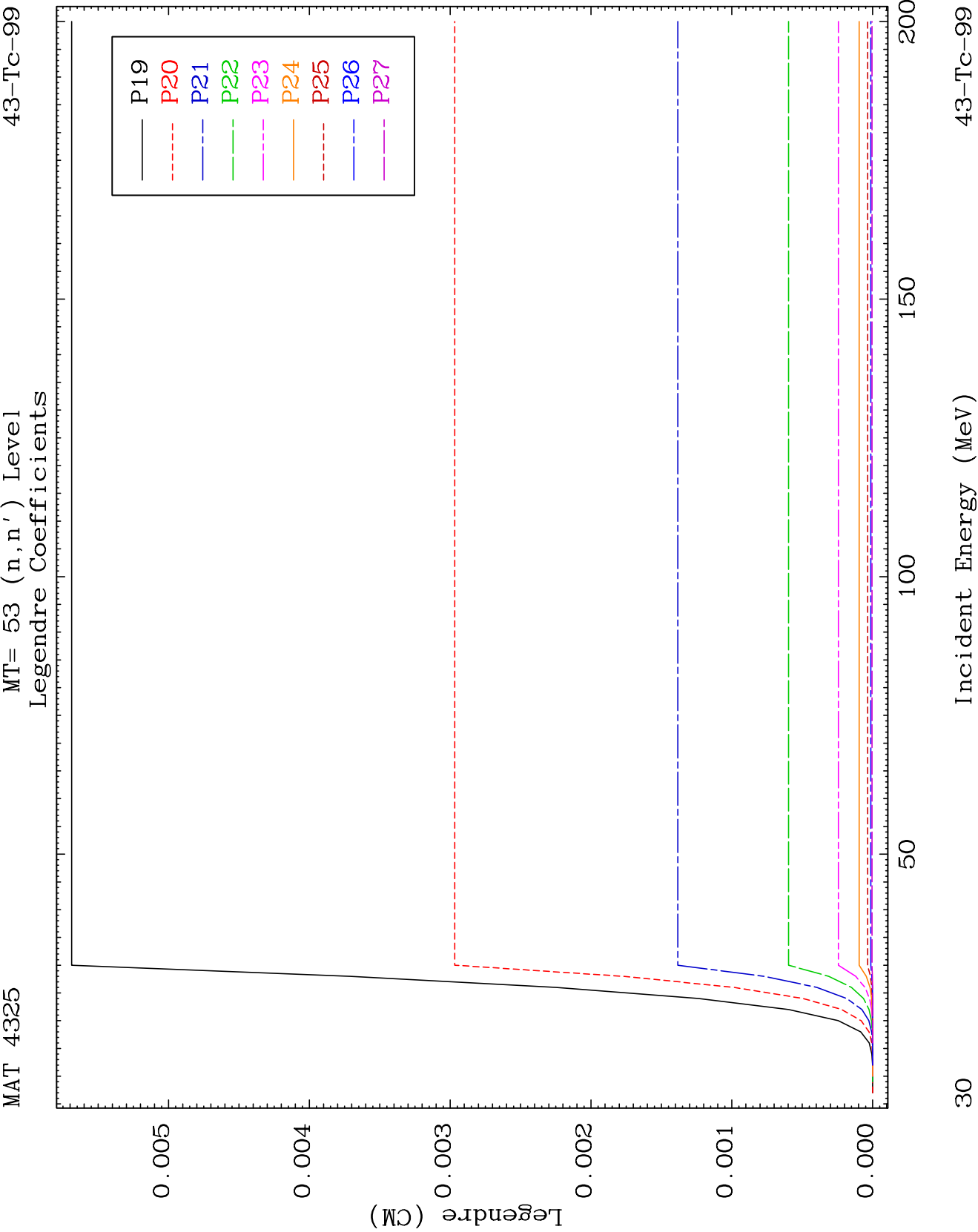
MAT 4325

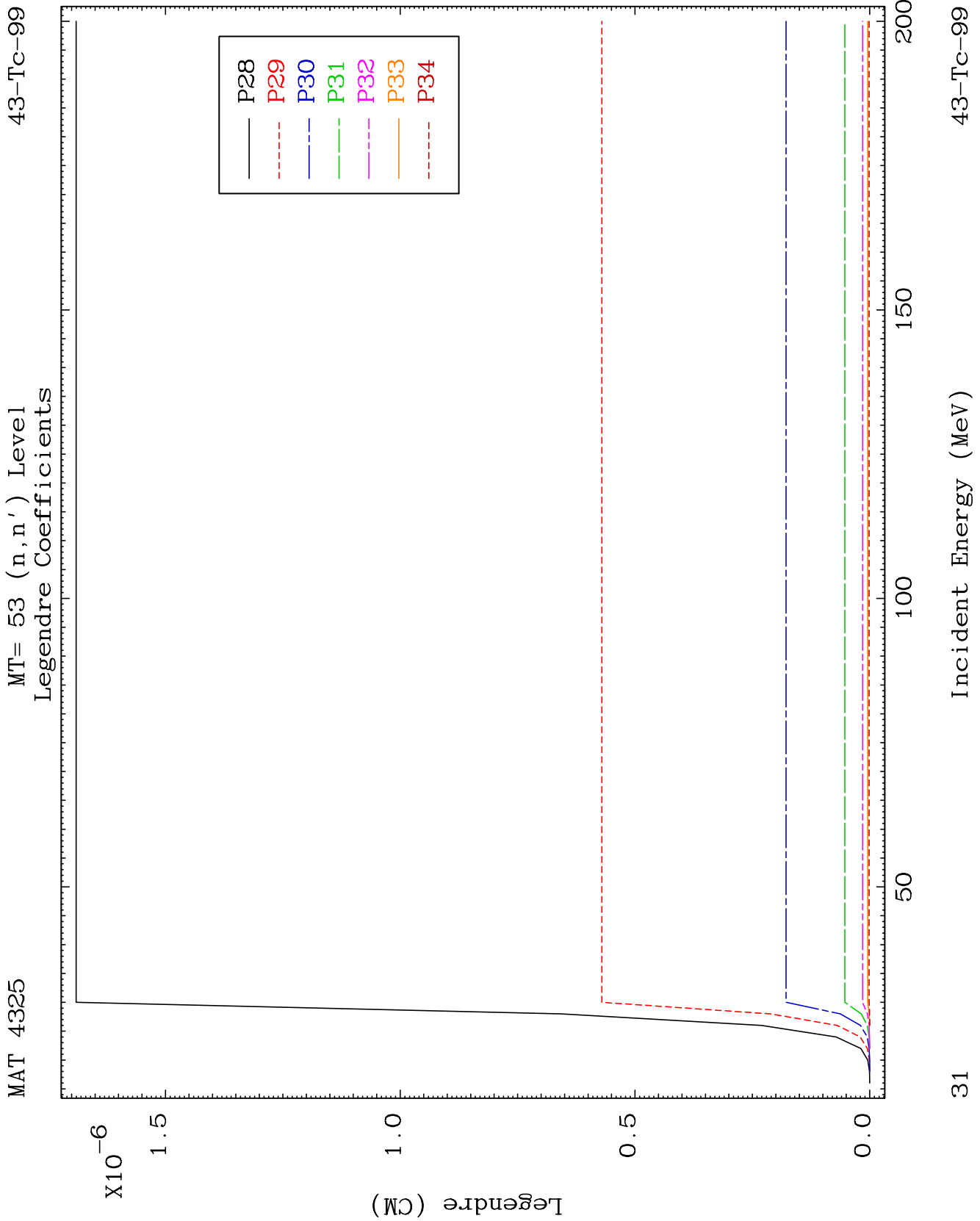
MT= 53 (n, n') Level
Legendre Coefficients

43-Tc-99





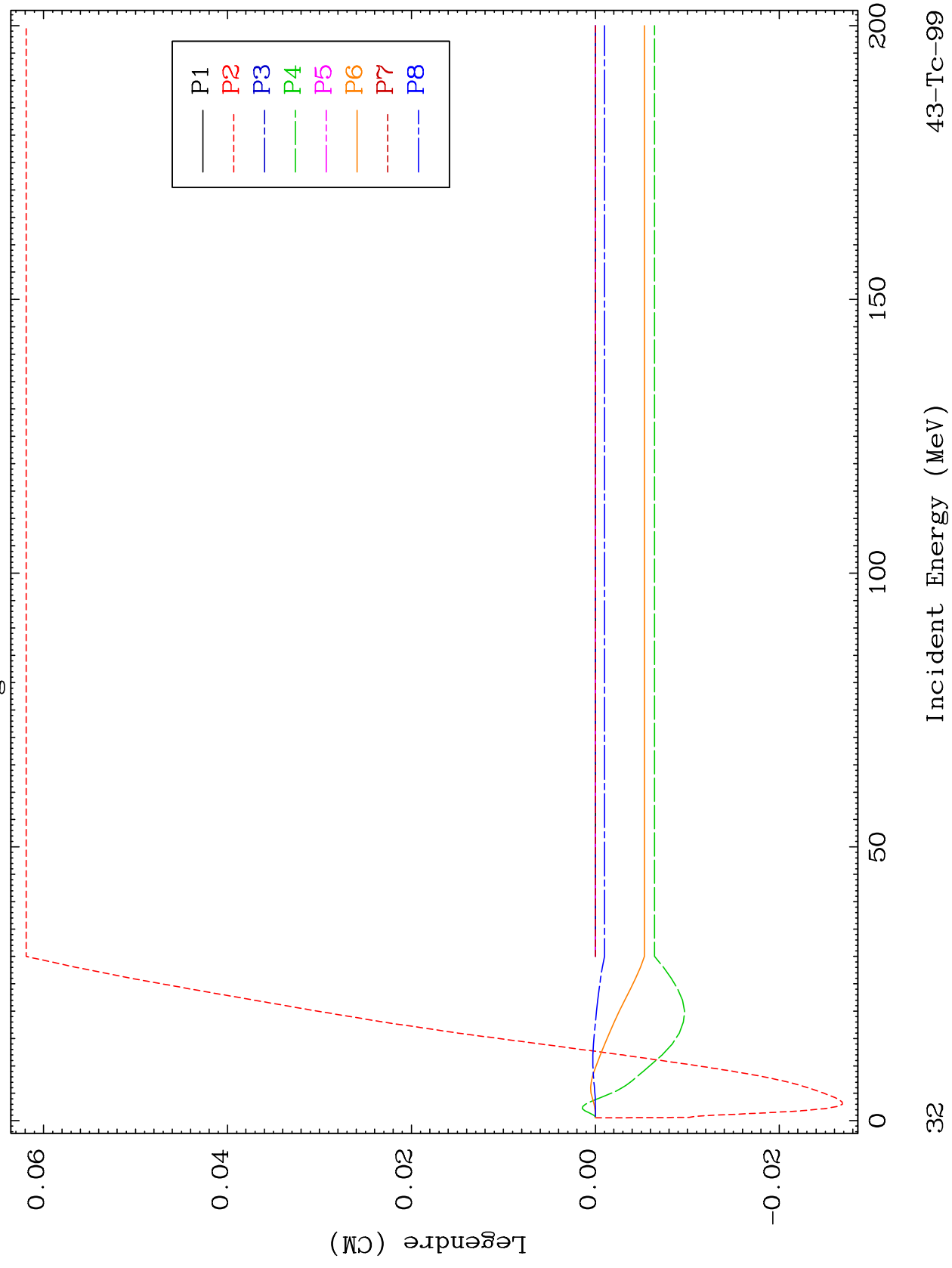


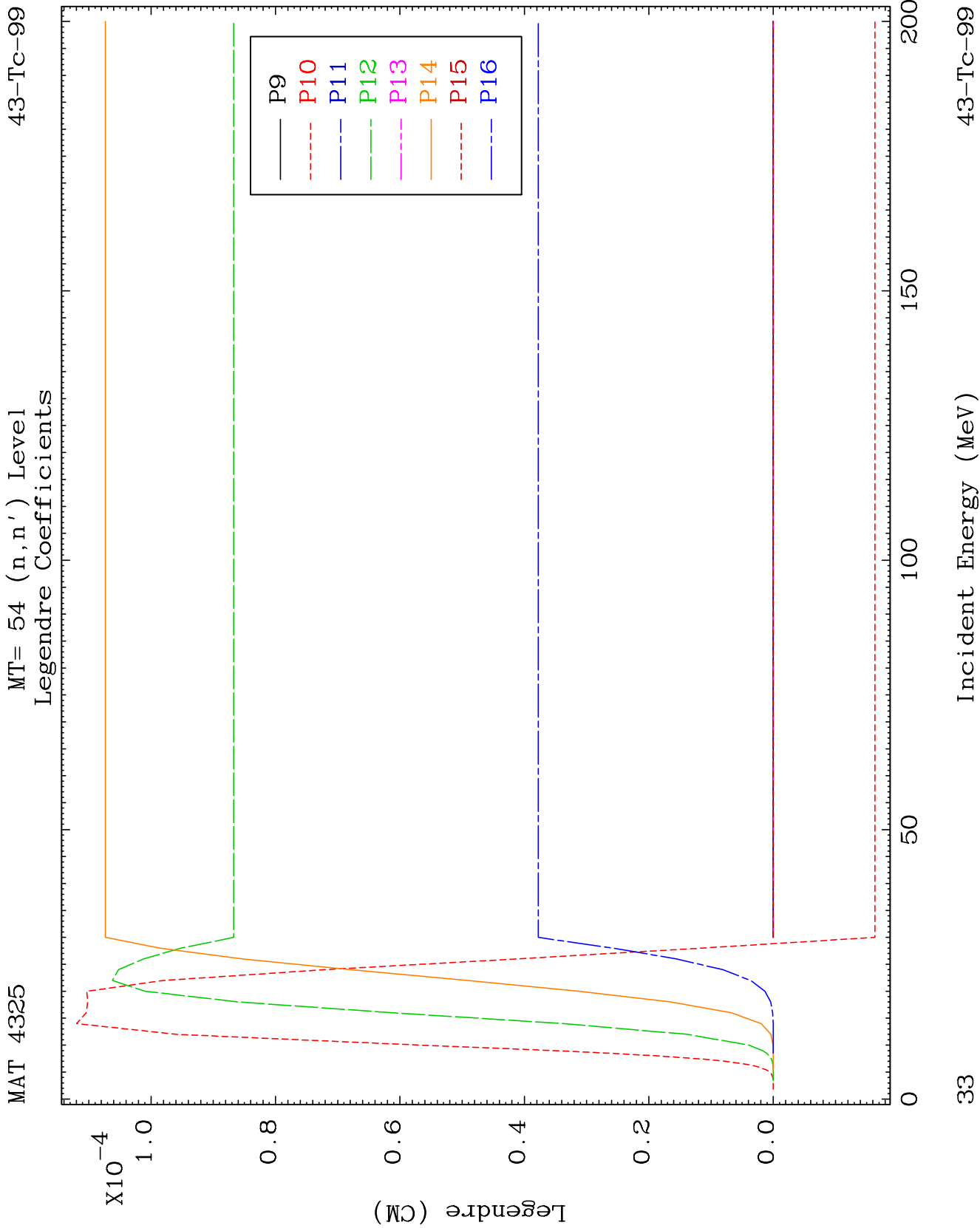


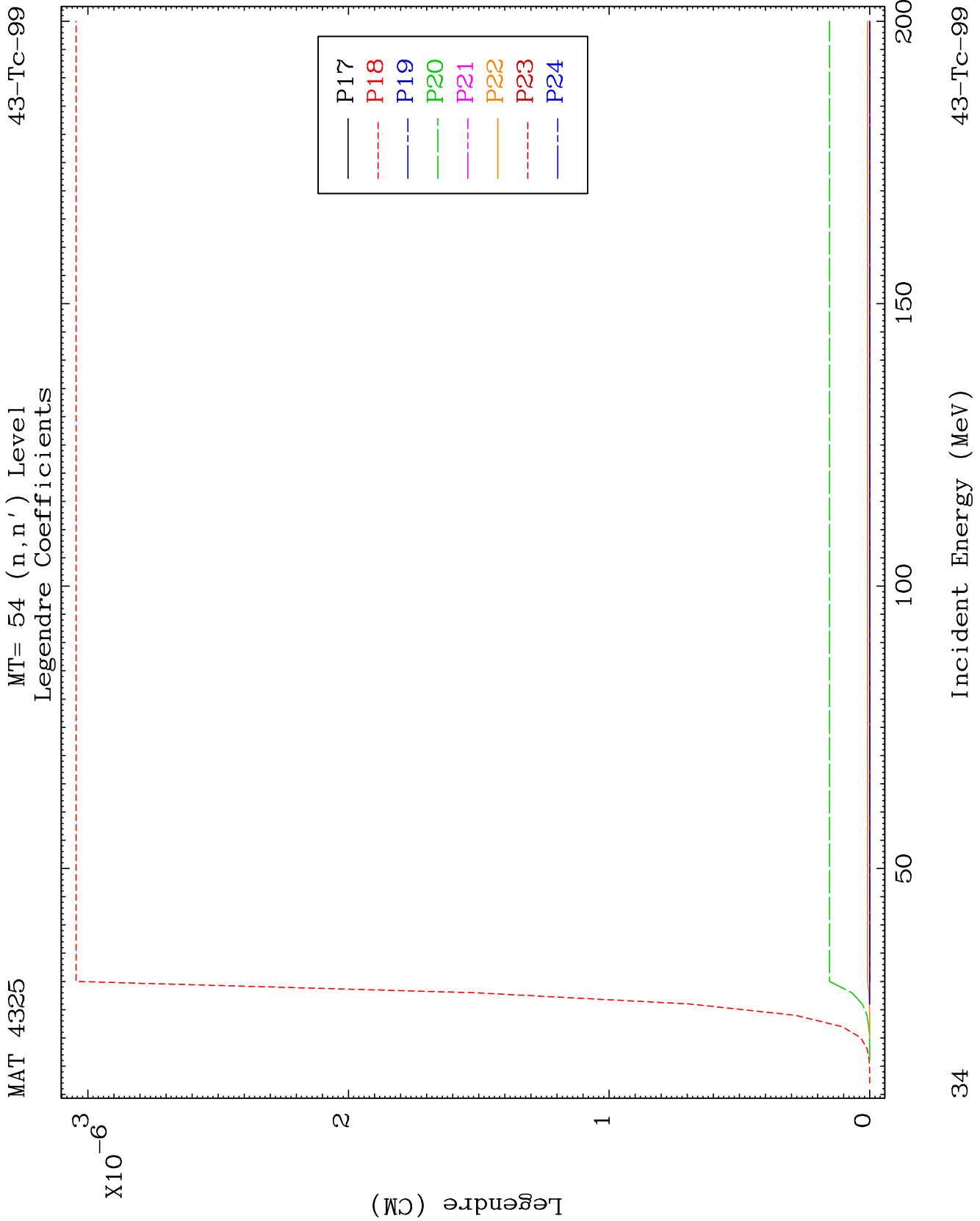
MAT 4325

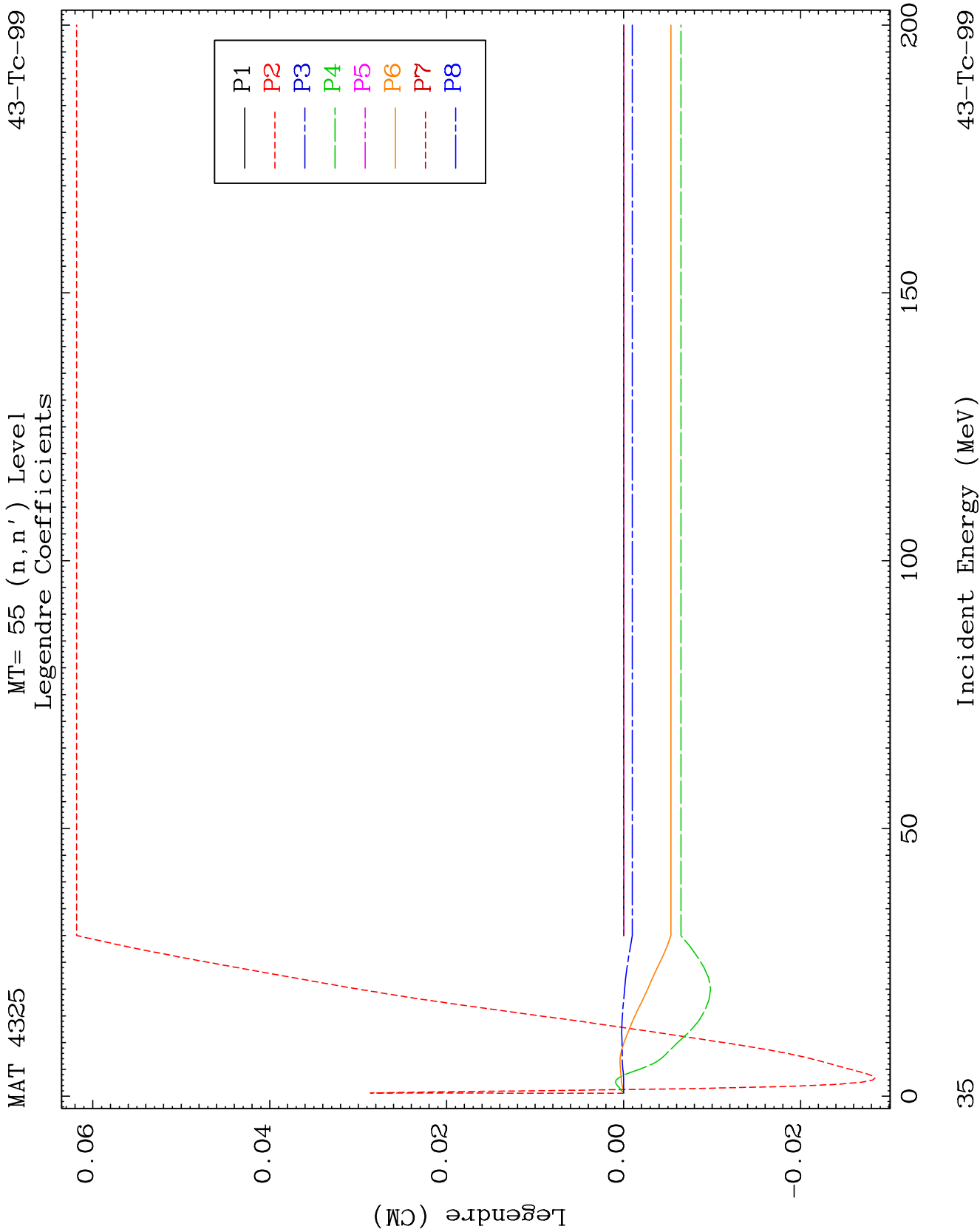
MT= 54 (n, n') Level
Legendre Coefficients

43-Tc-99





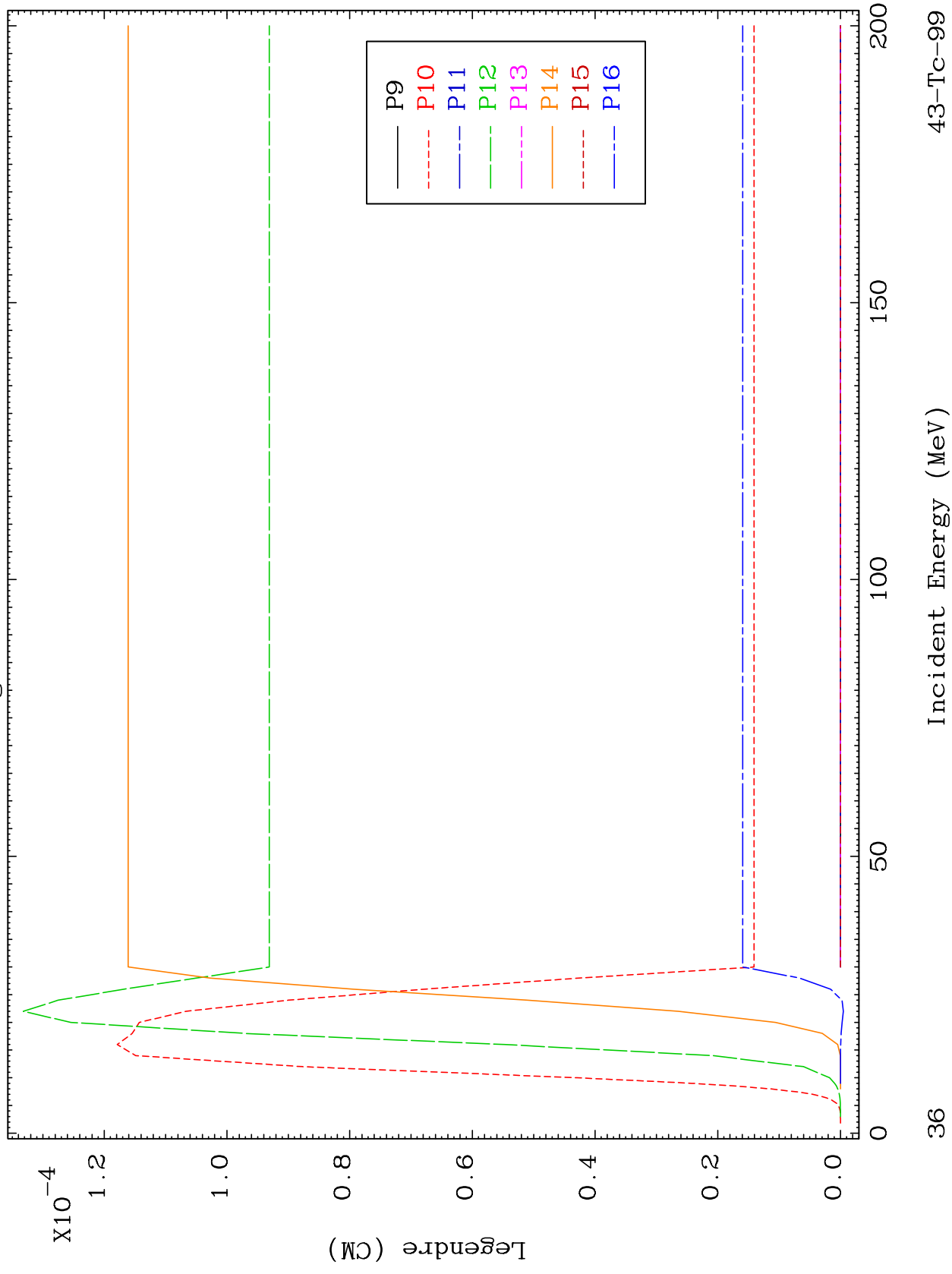


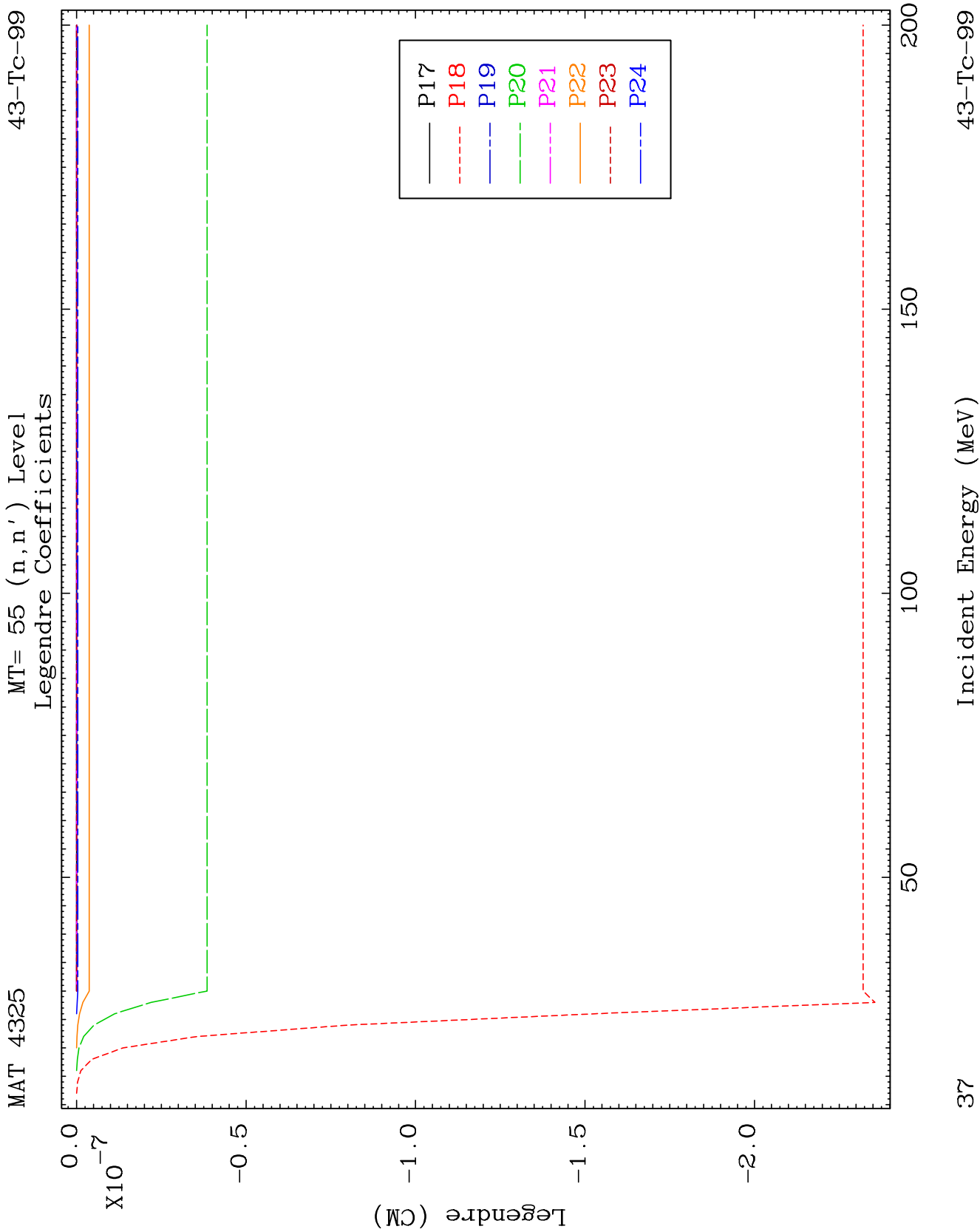


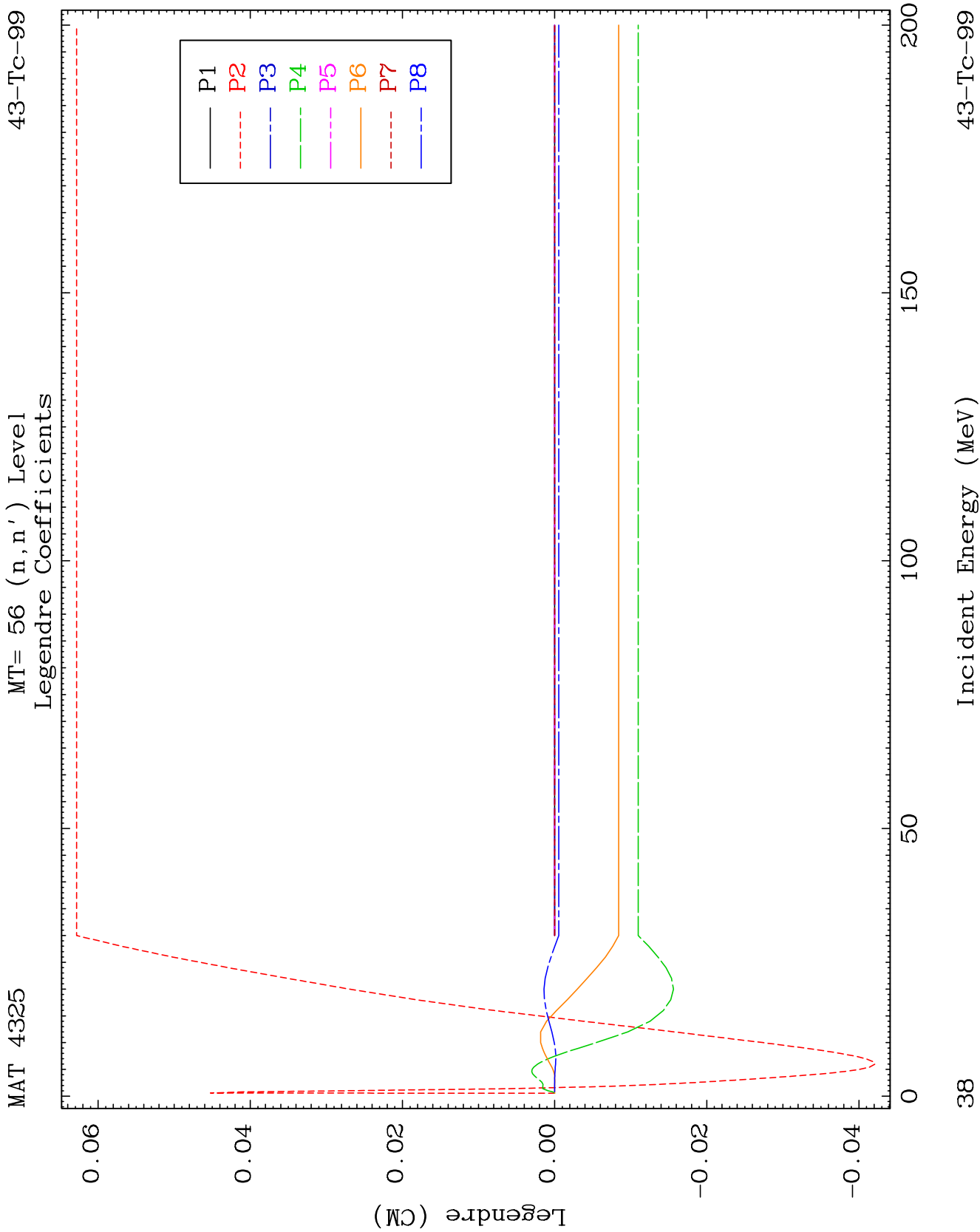
MAT 4325

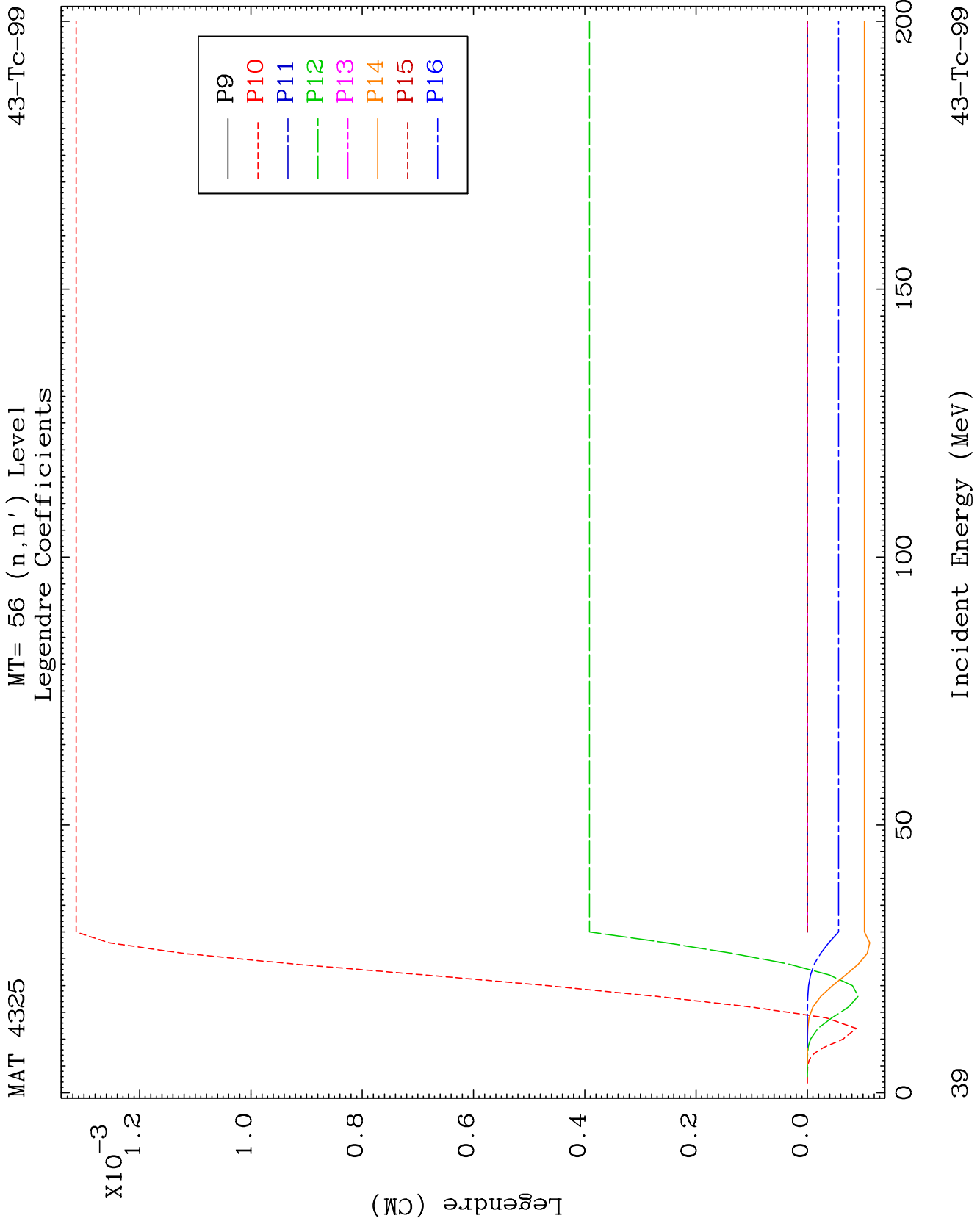
MT= 55 (n, n') Level
Legendre Coefficients

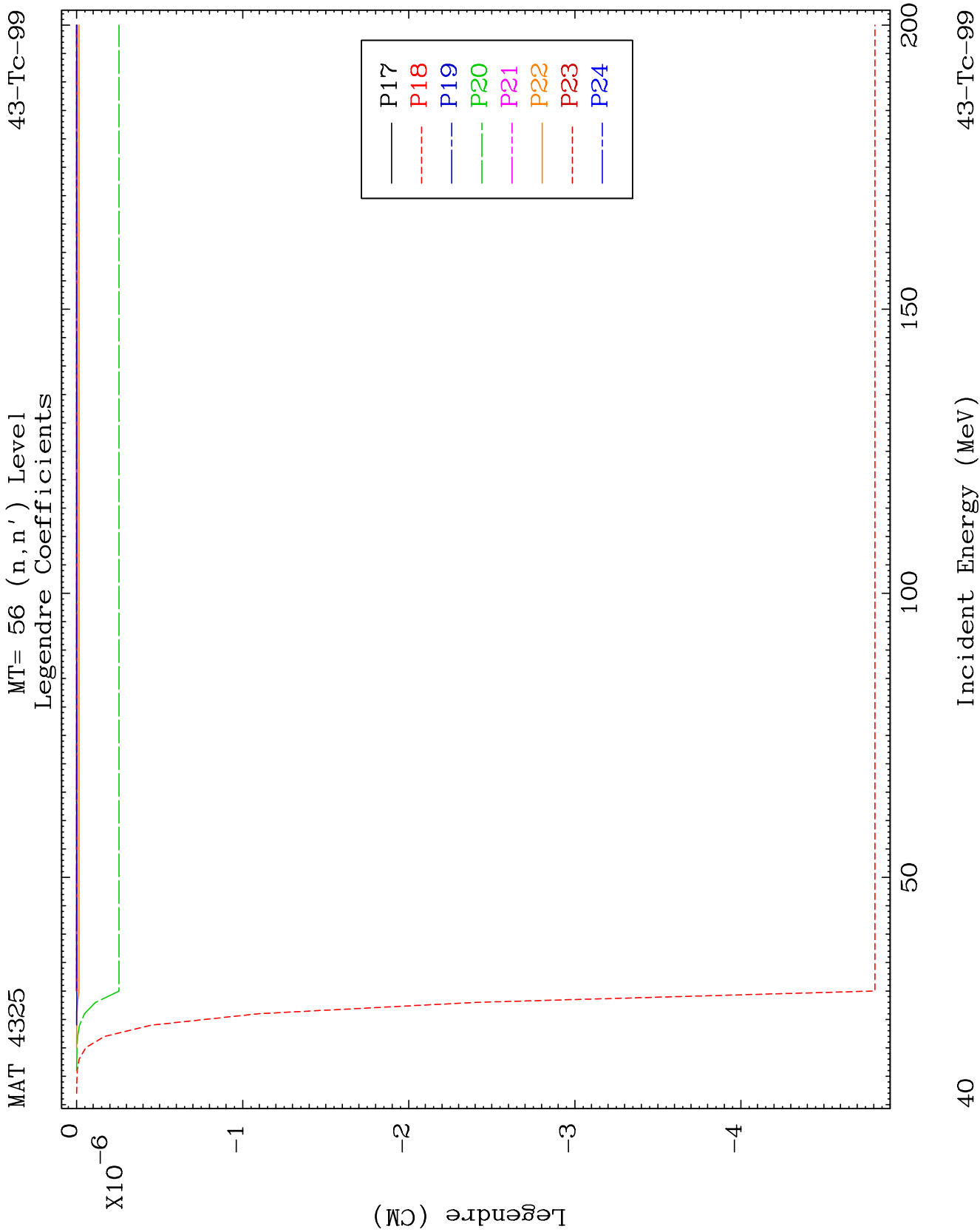
43-Tc-99

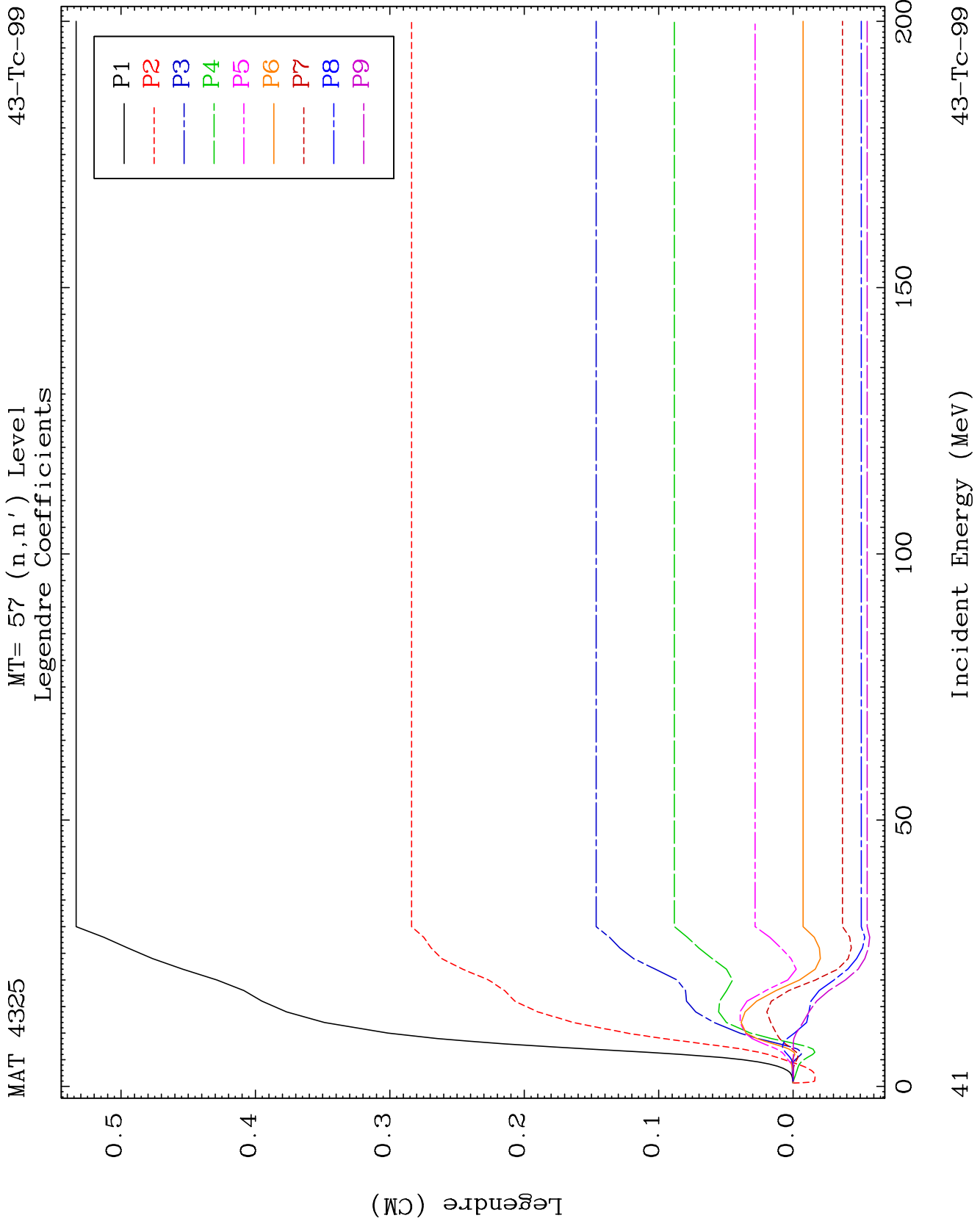


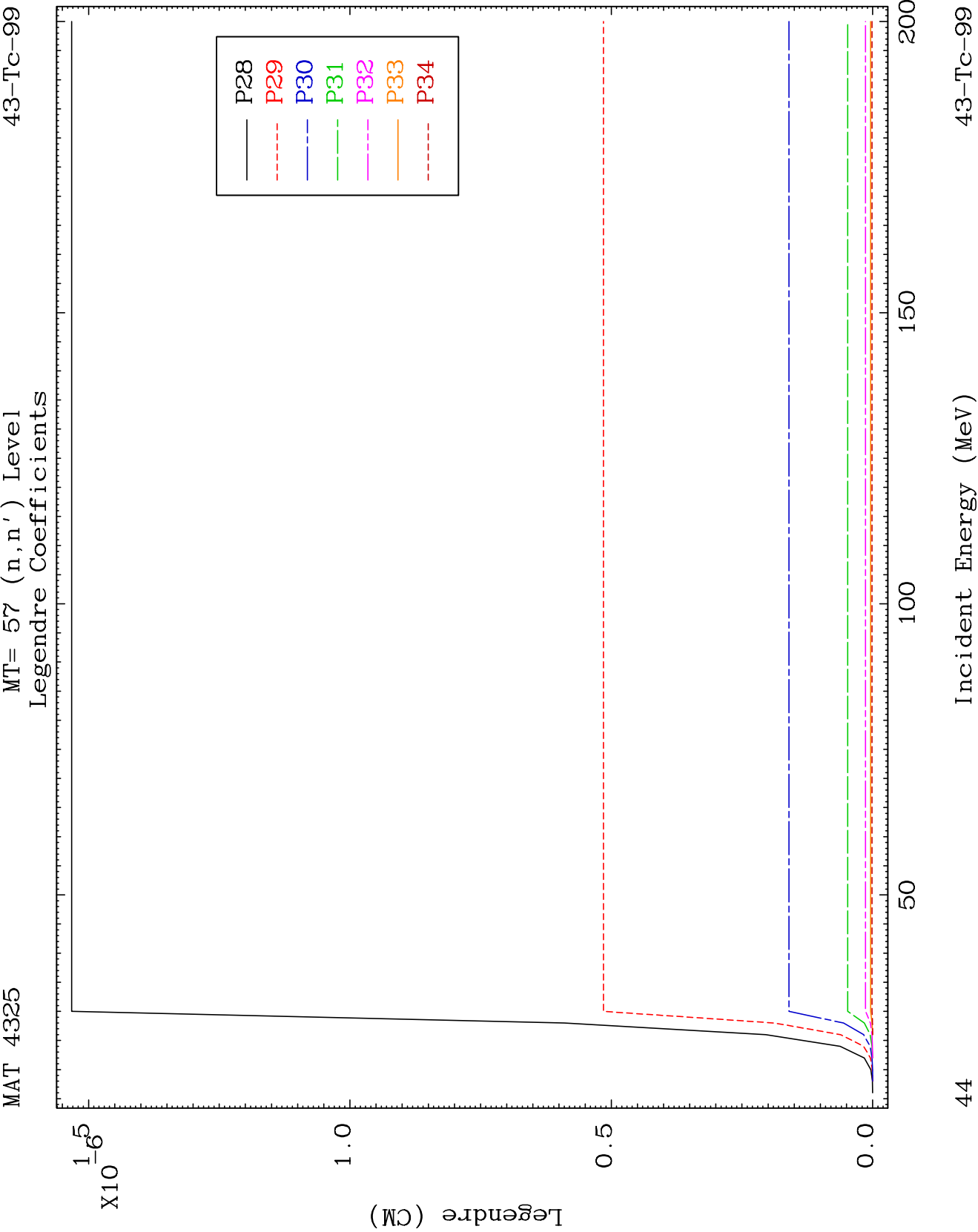


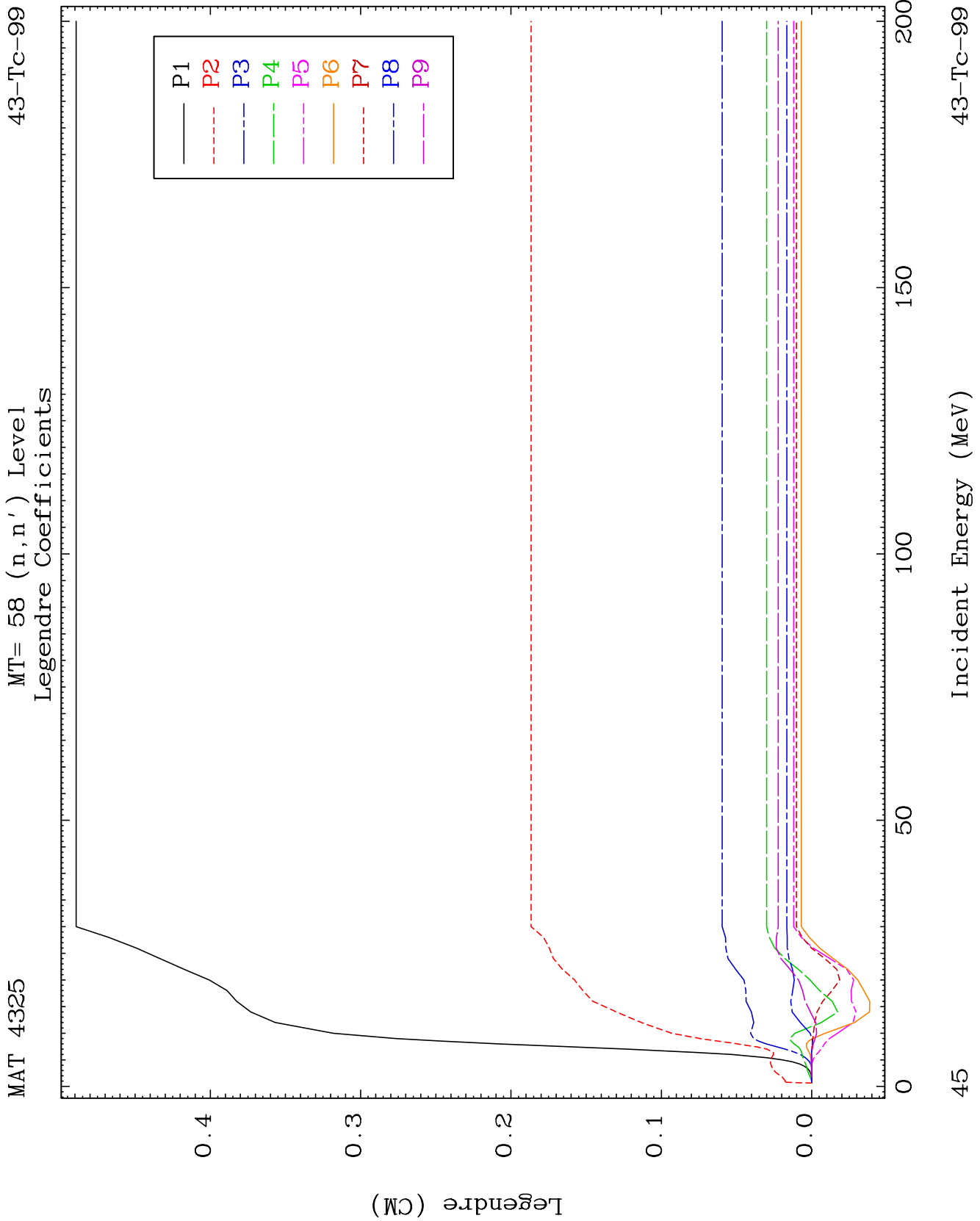


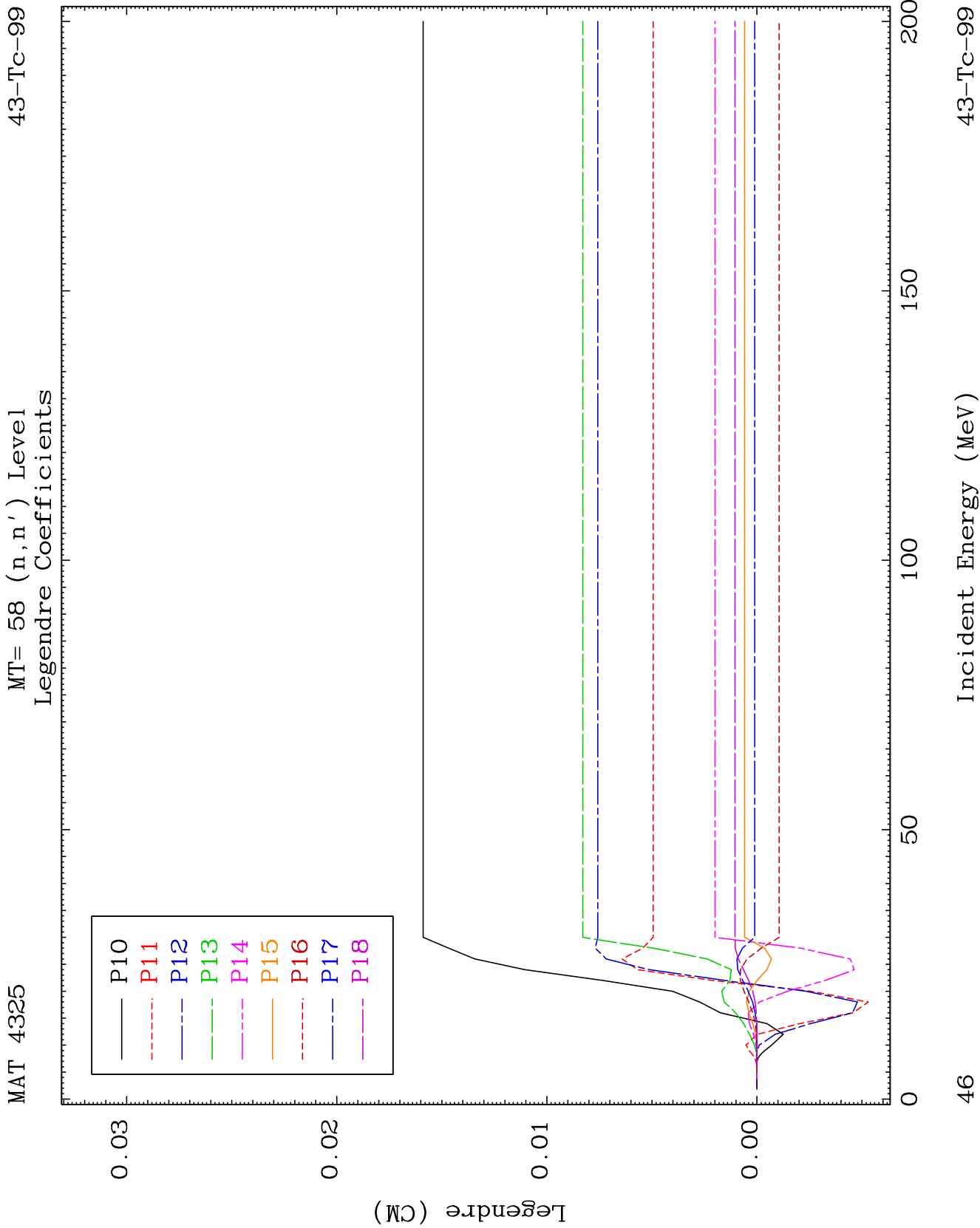


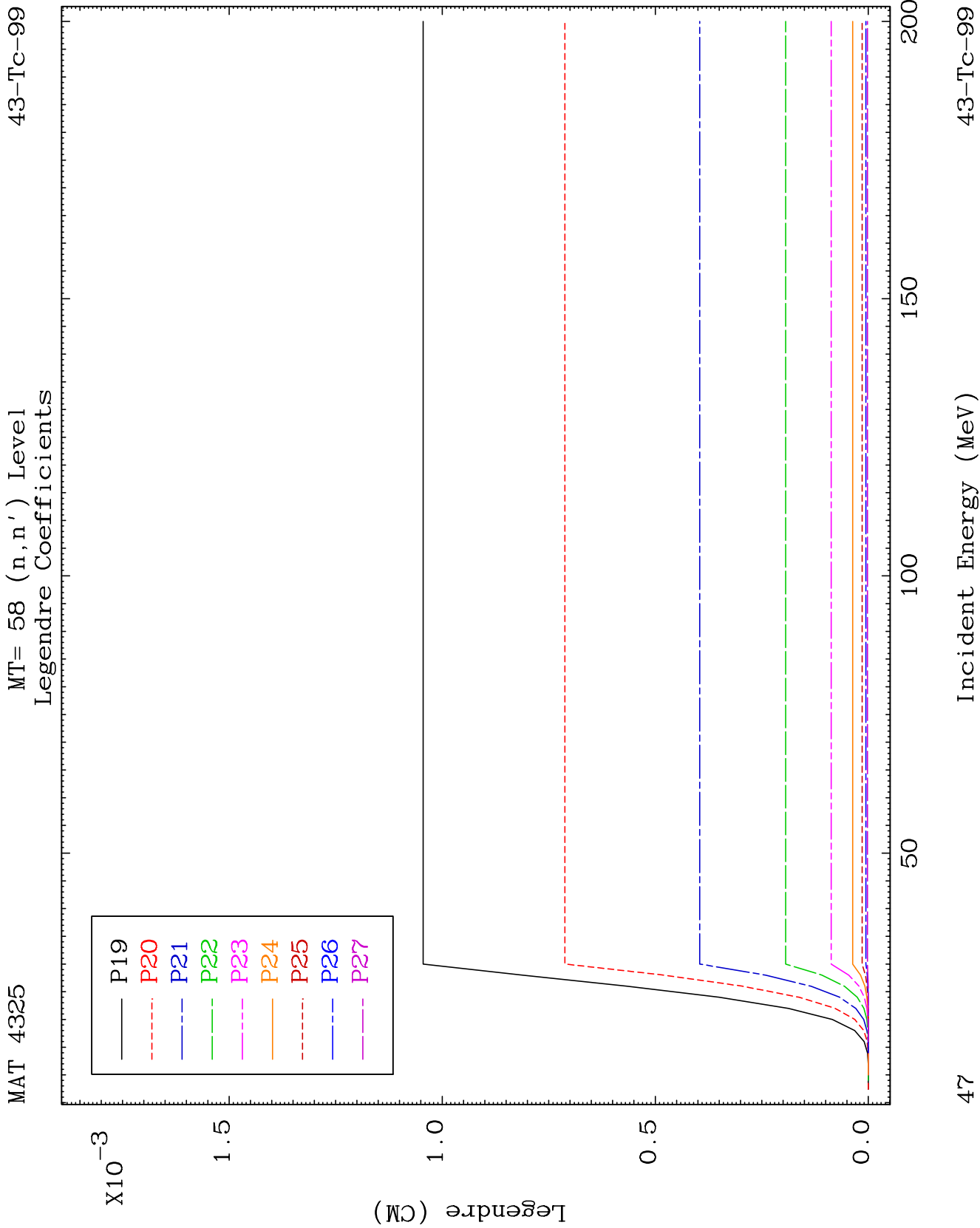


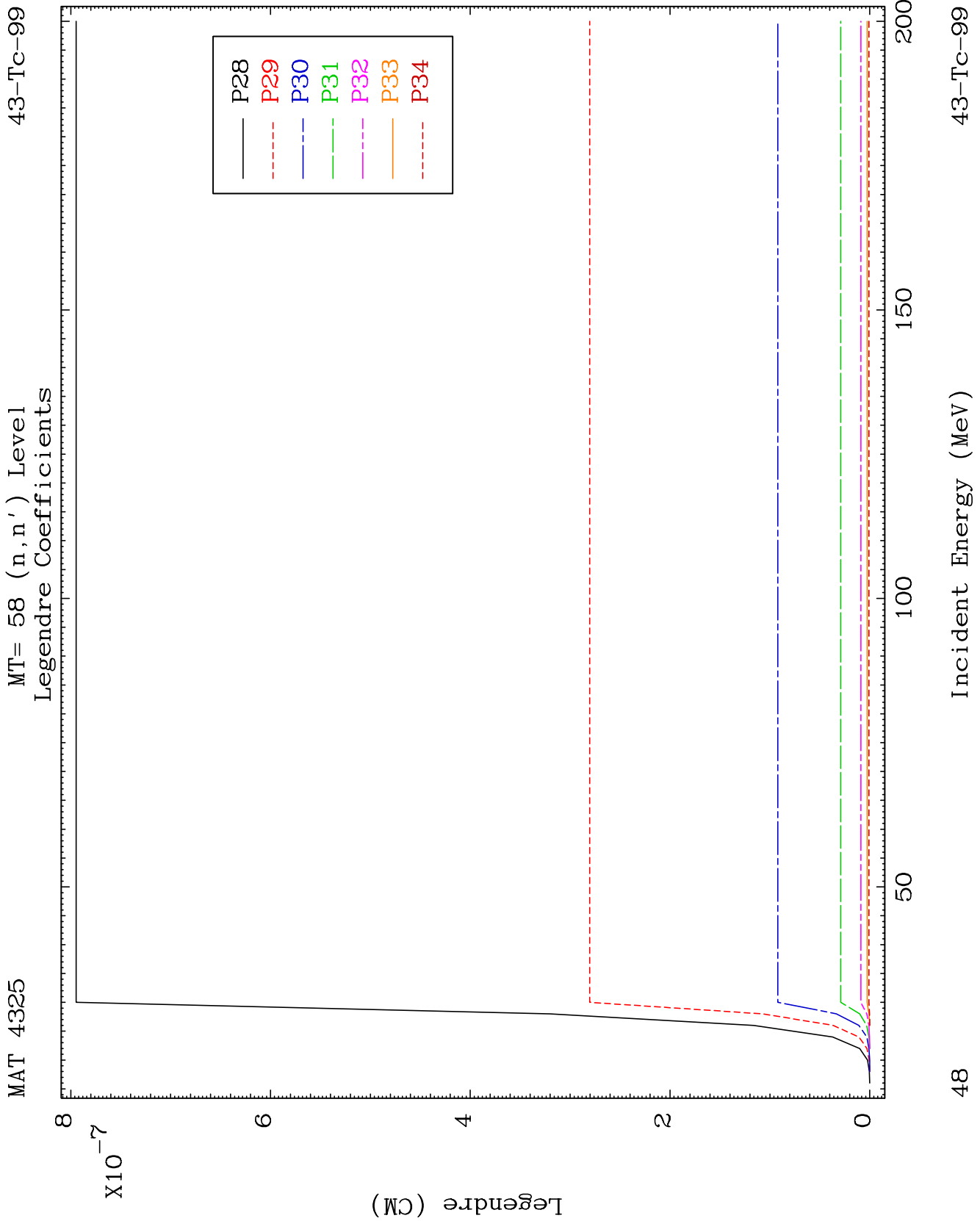


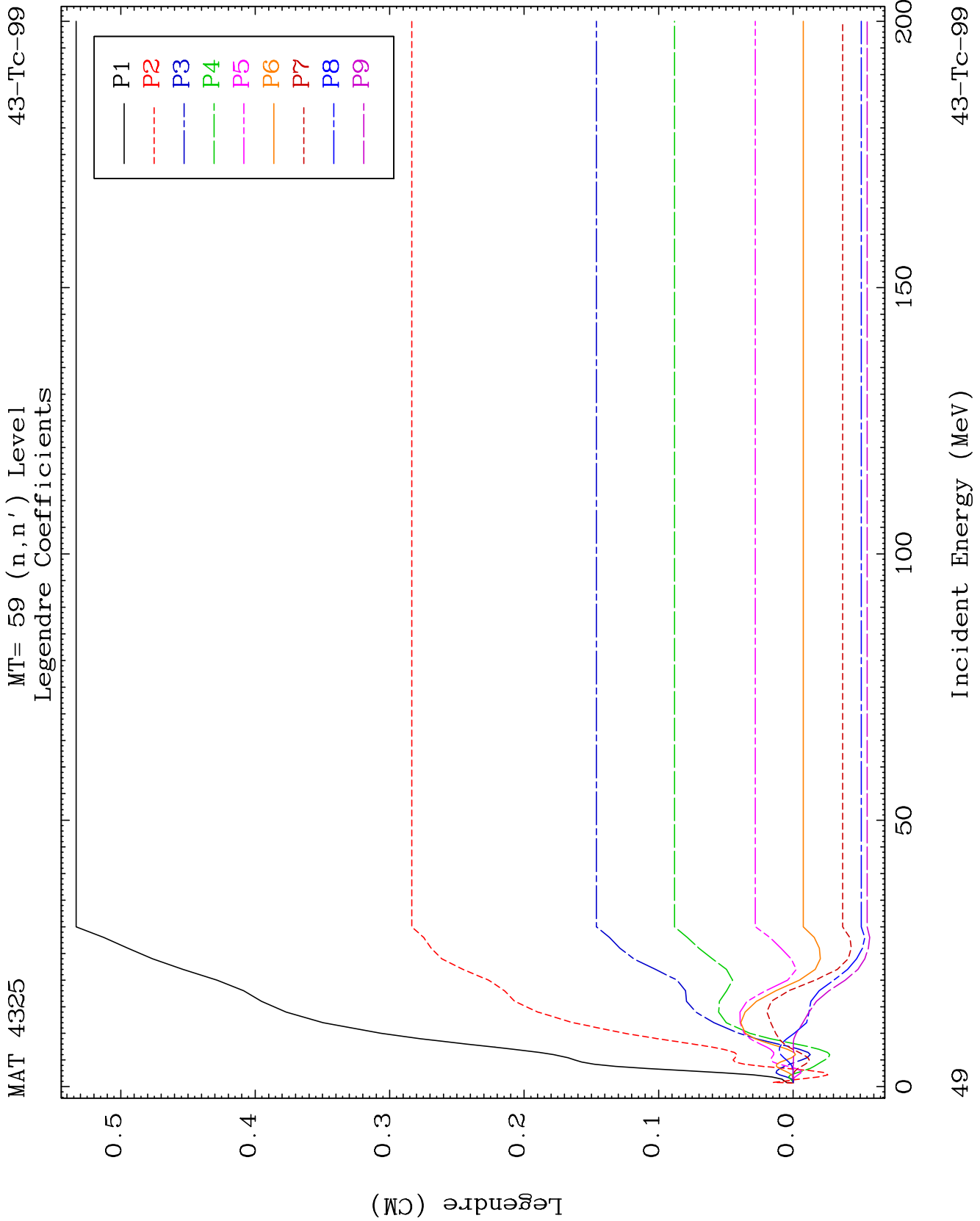


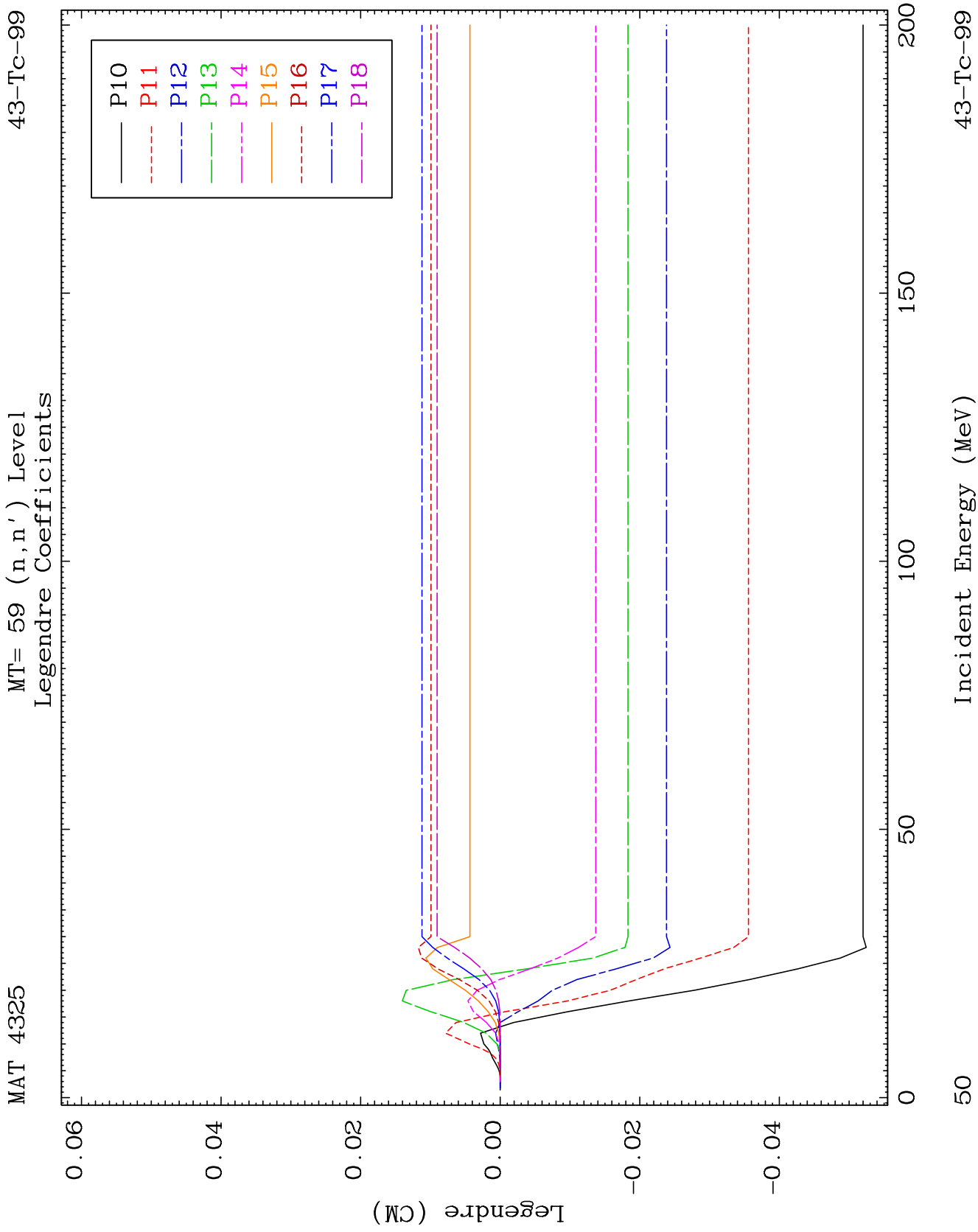


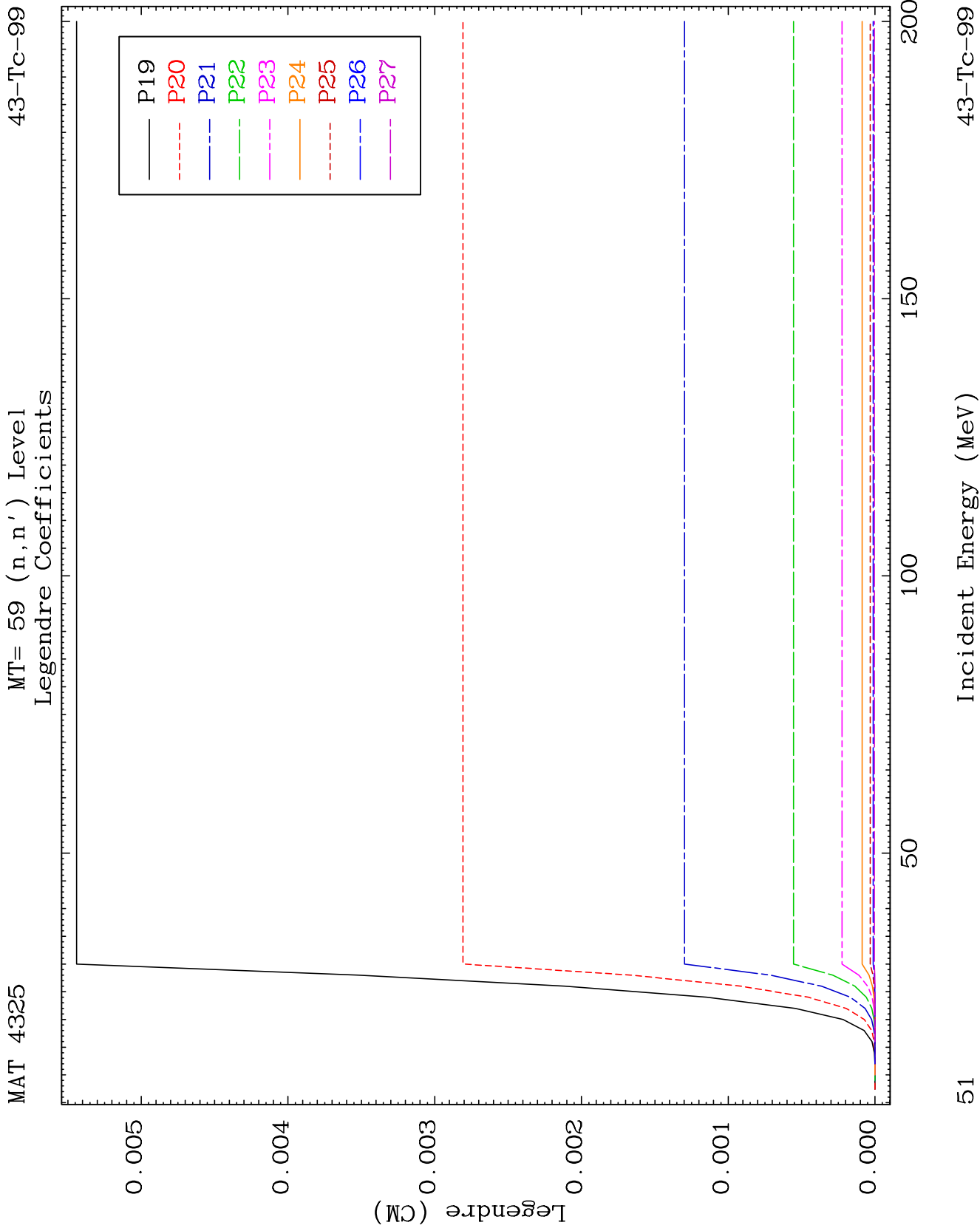


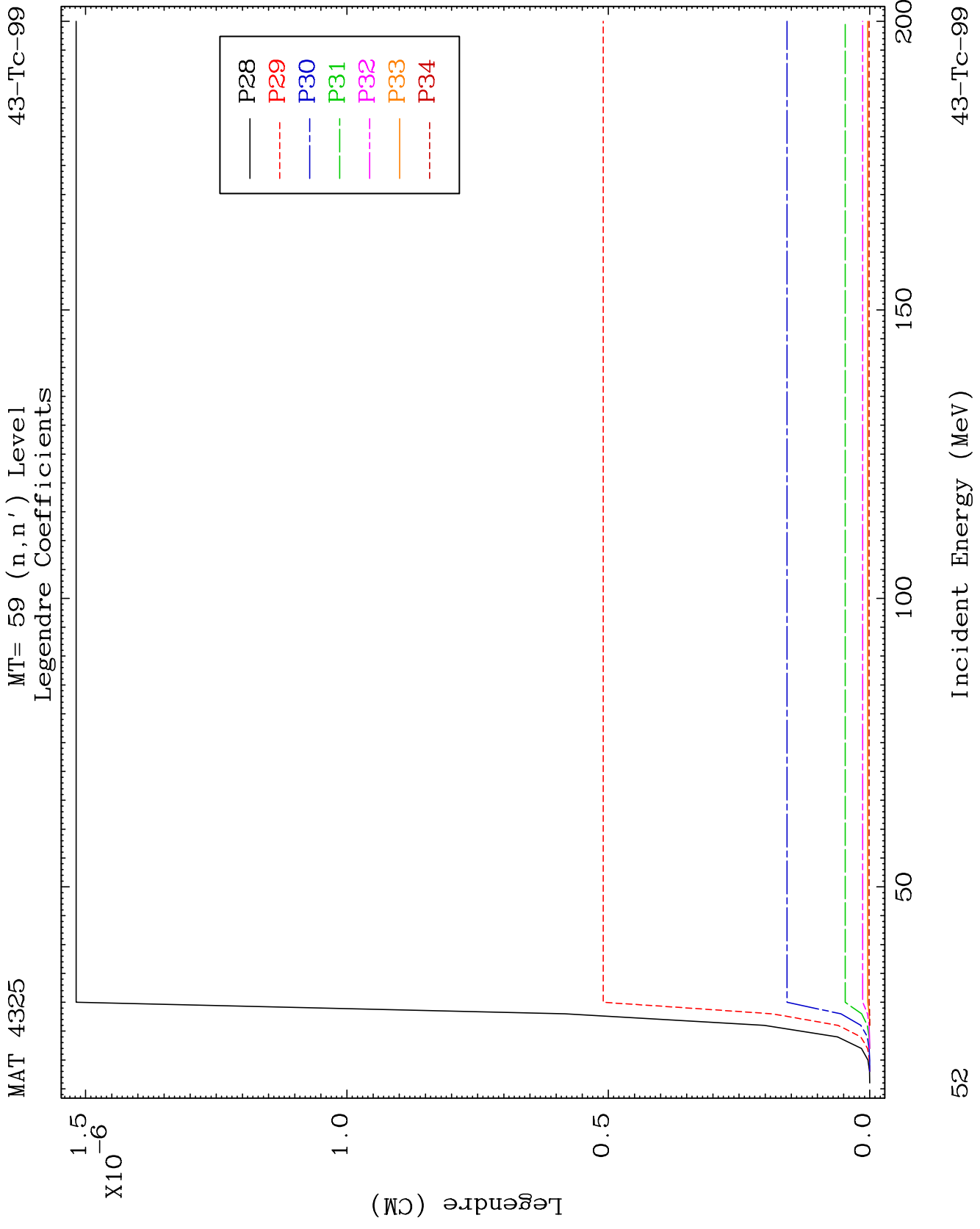


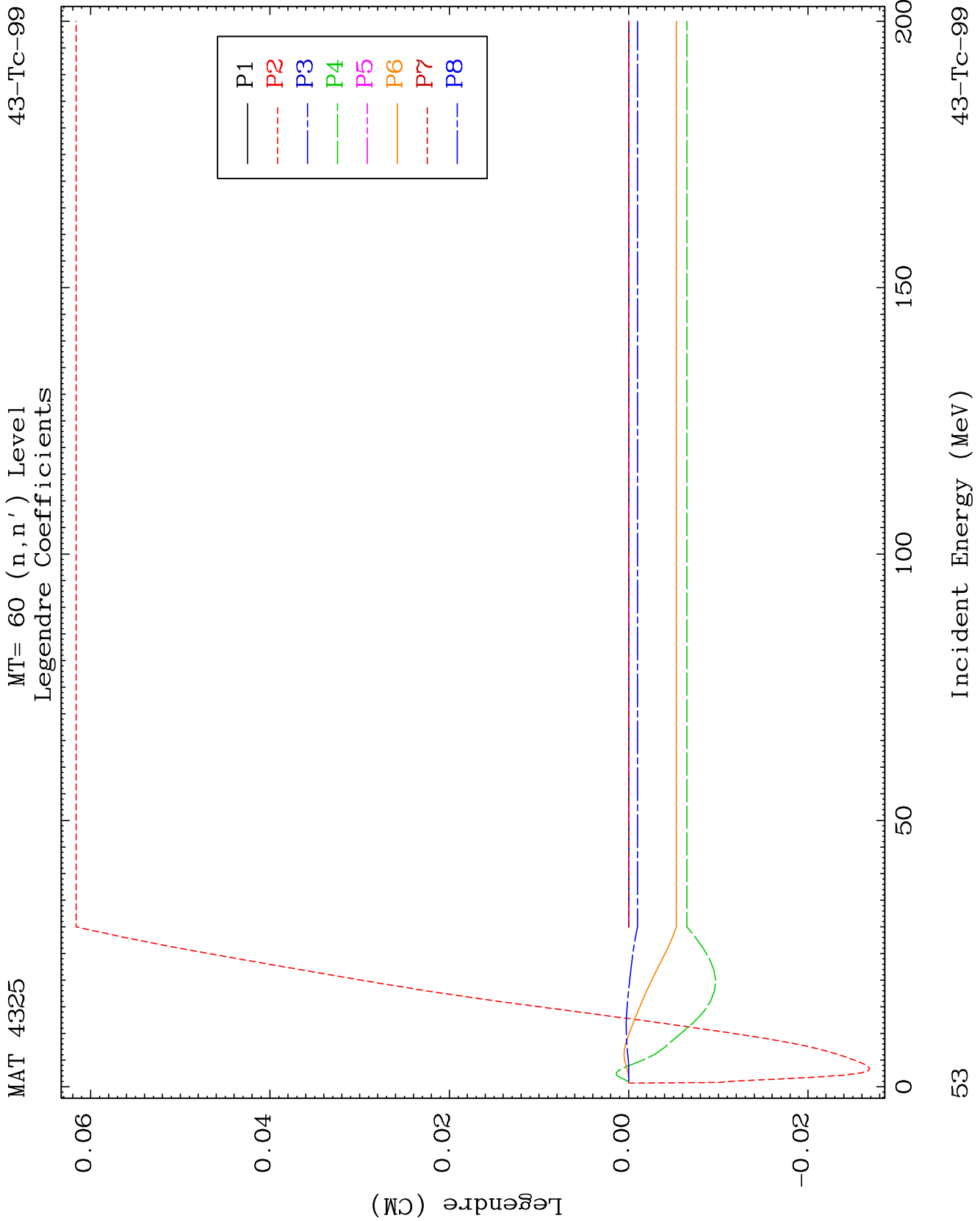


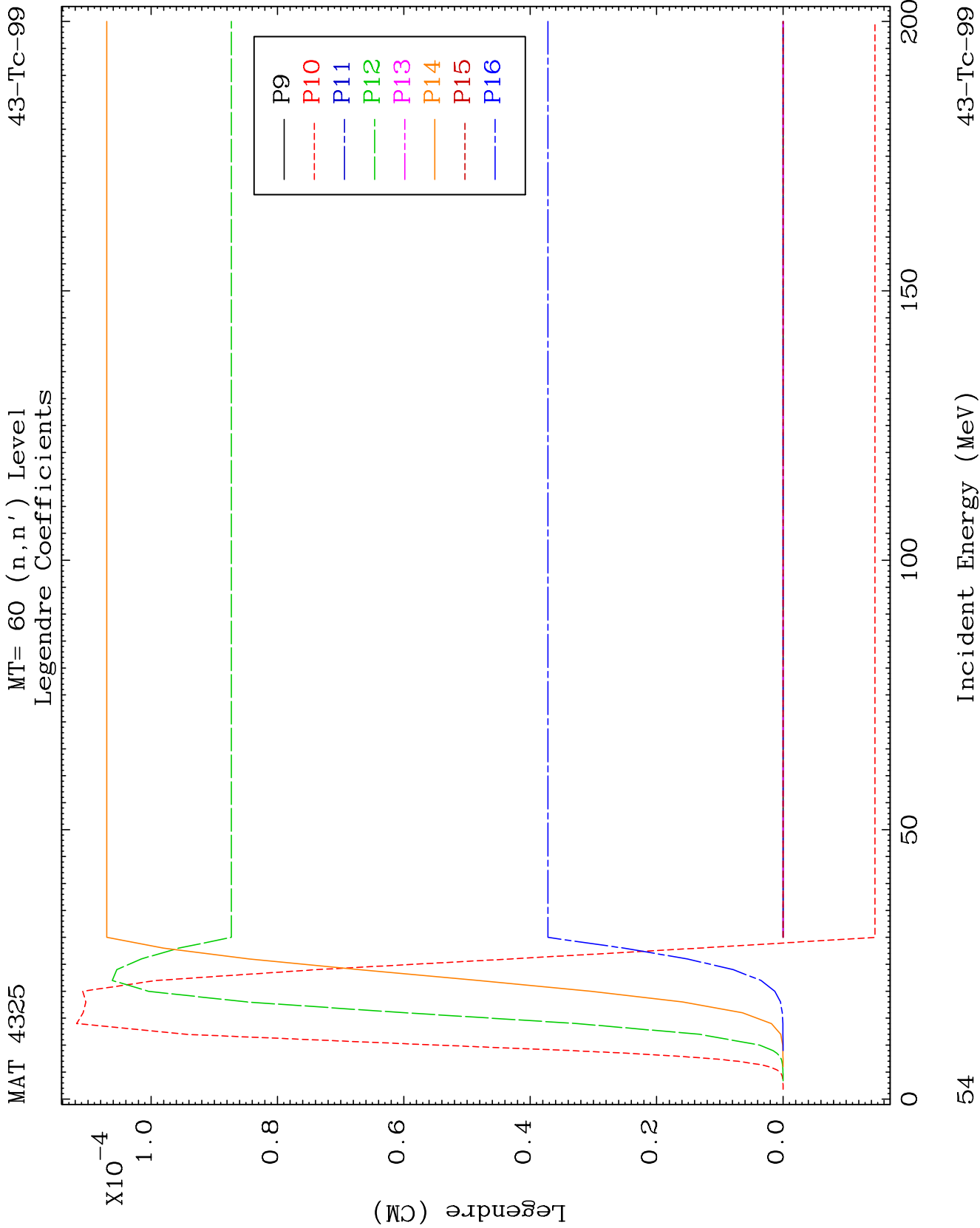


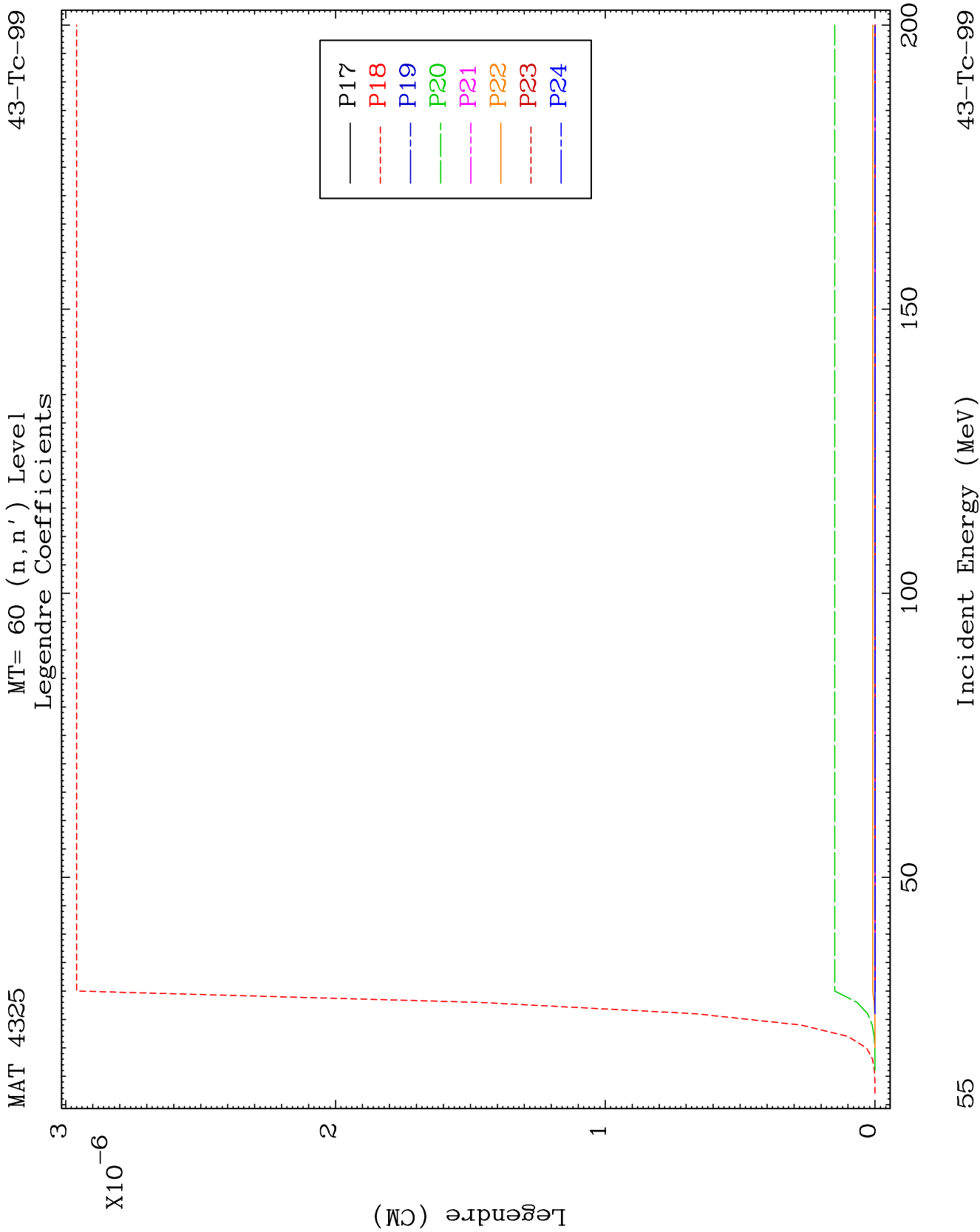


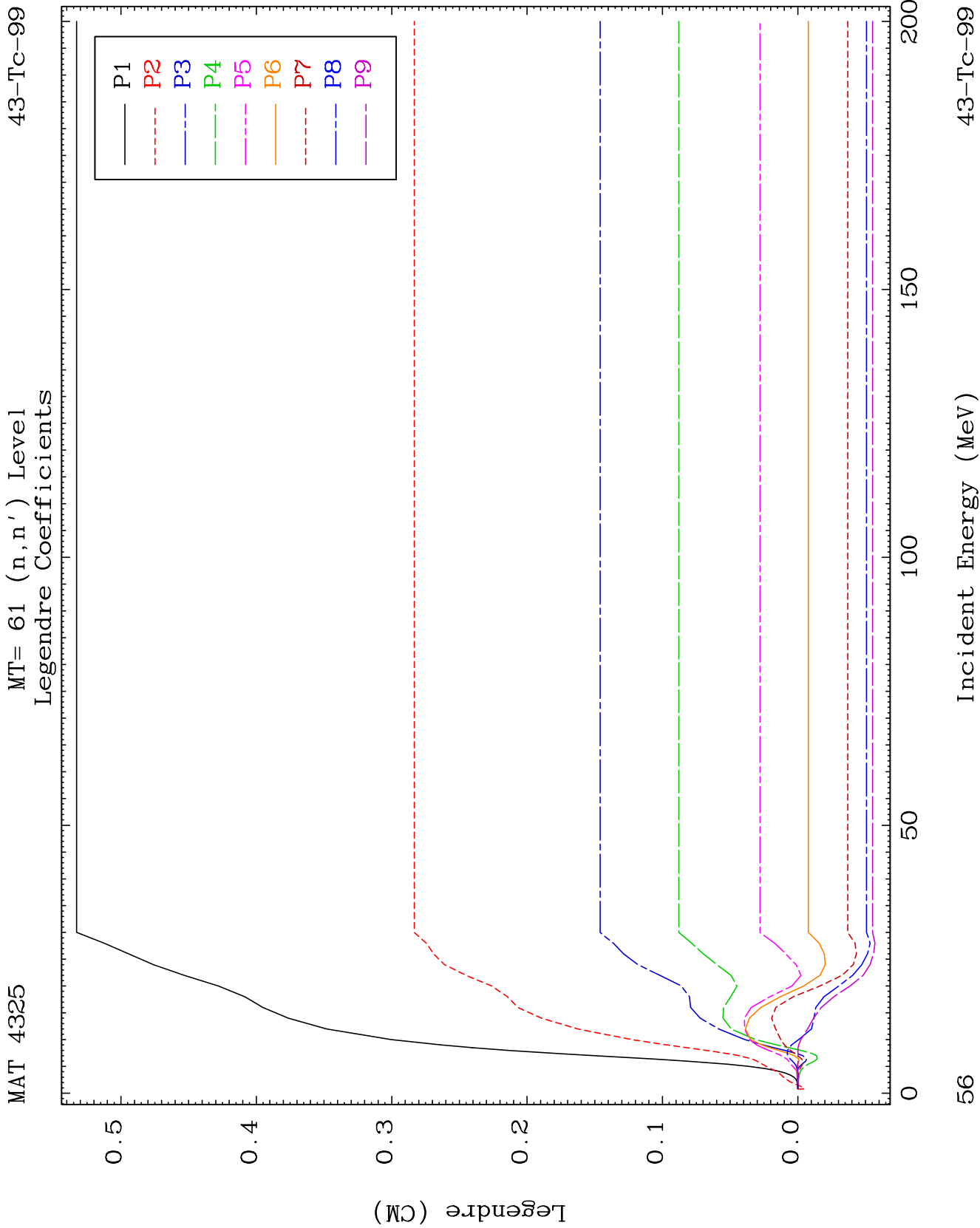


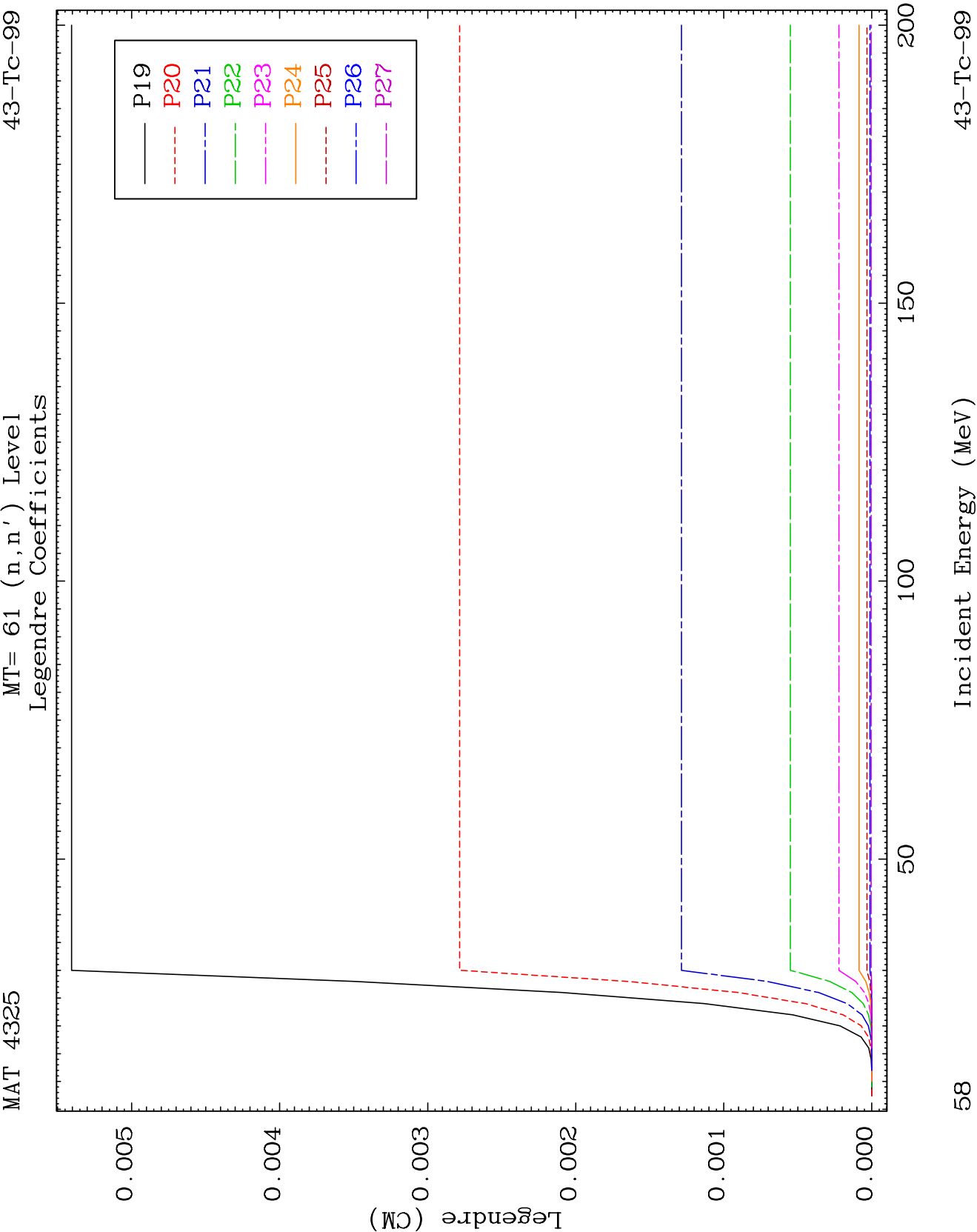


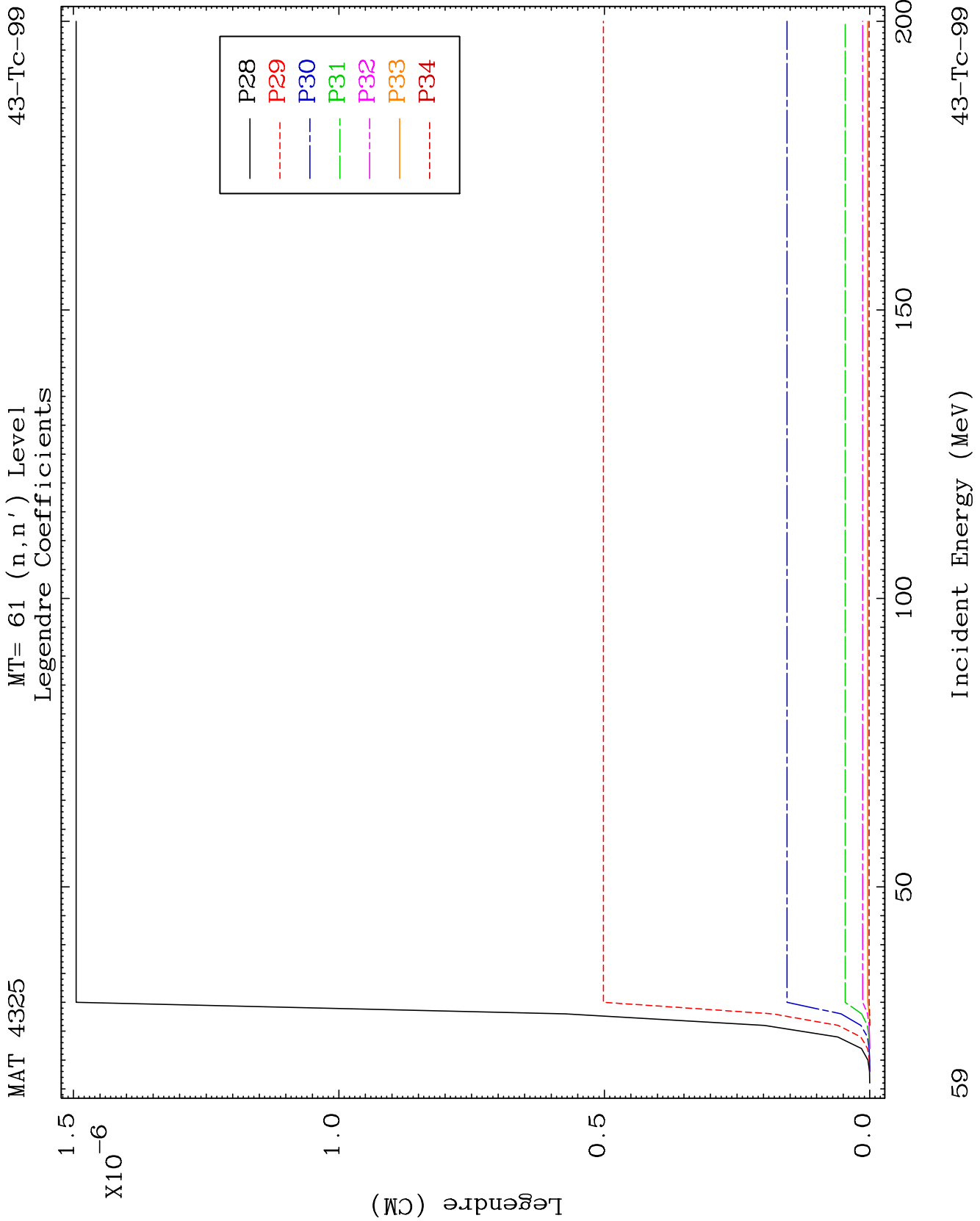


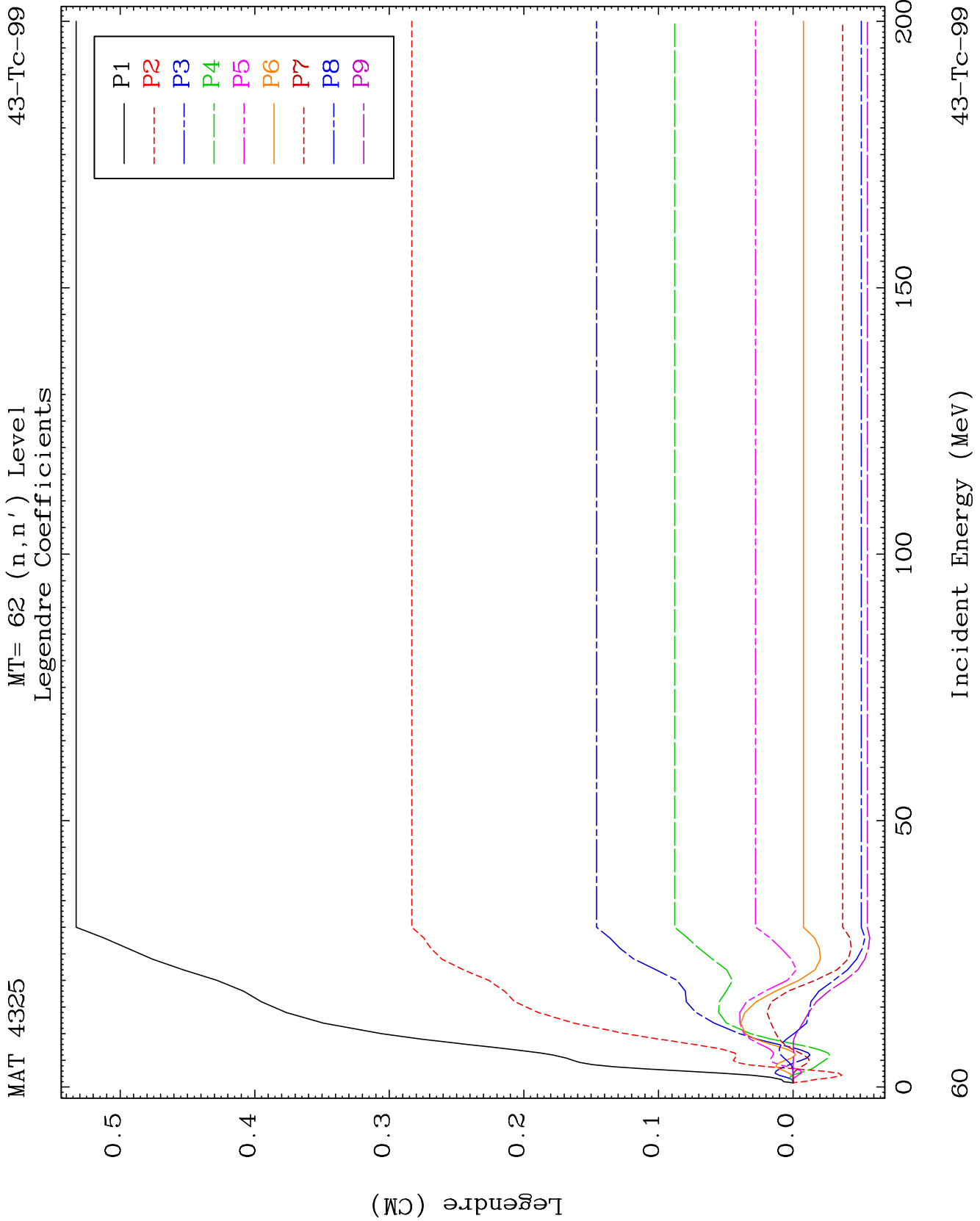


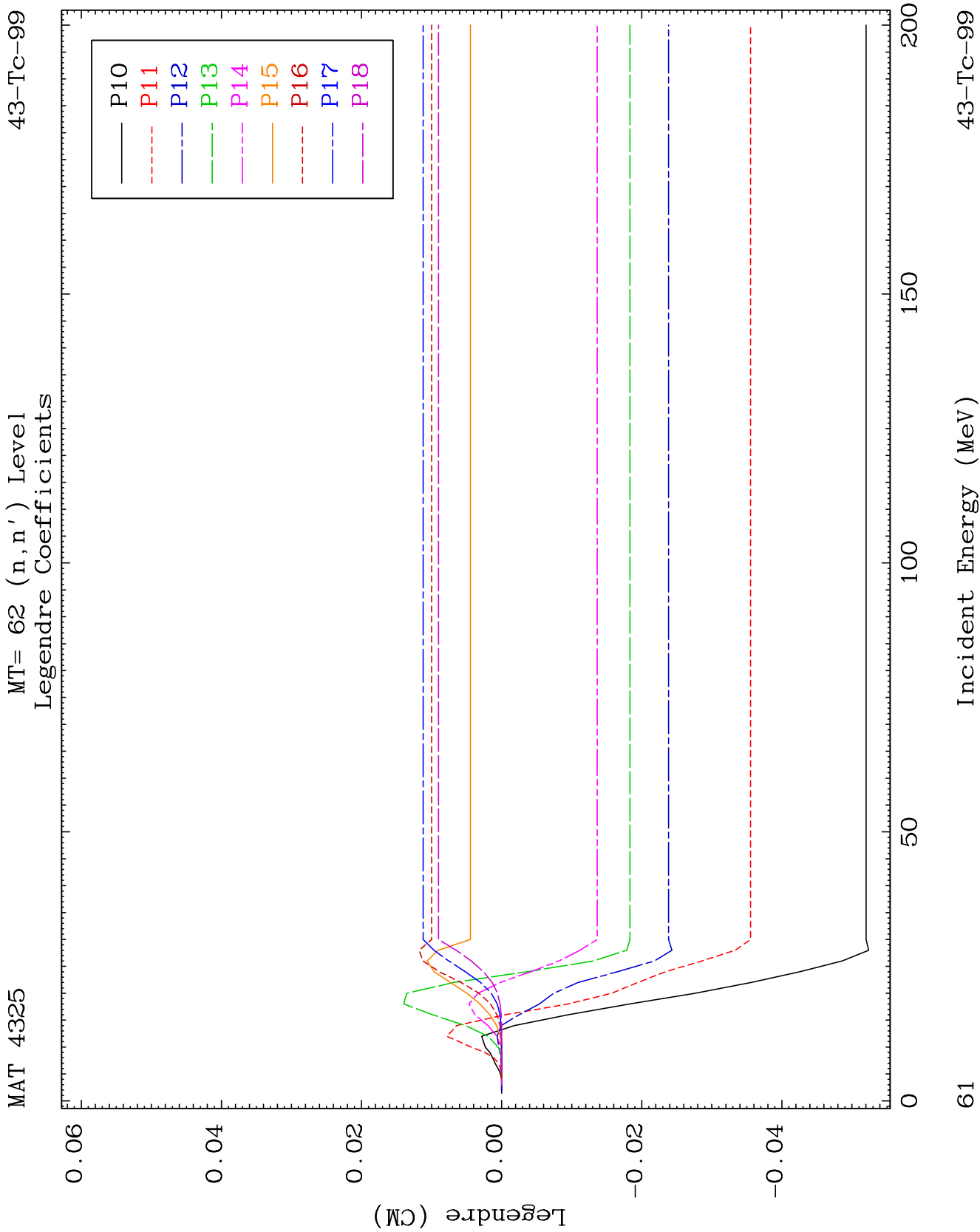


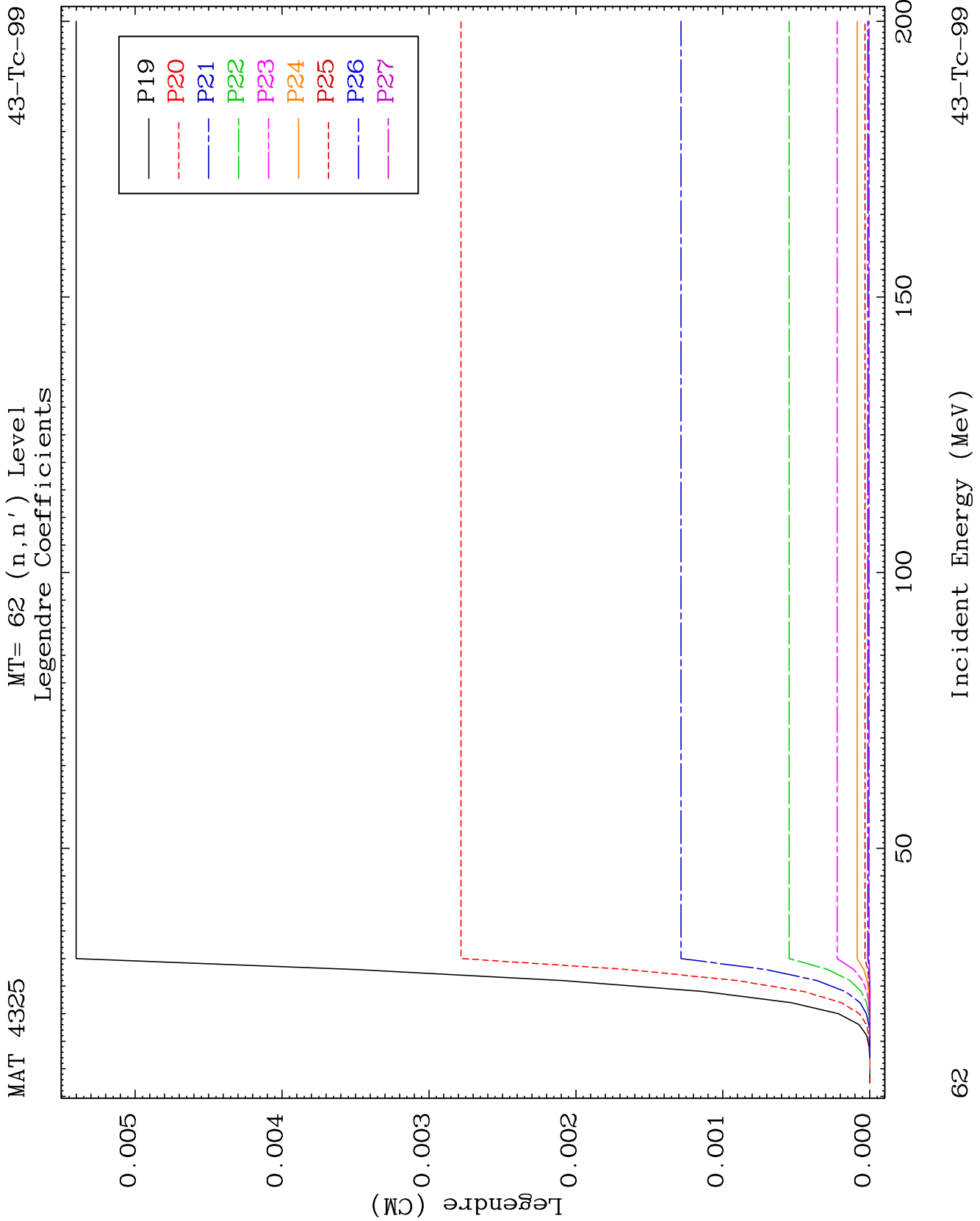


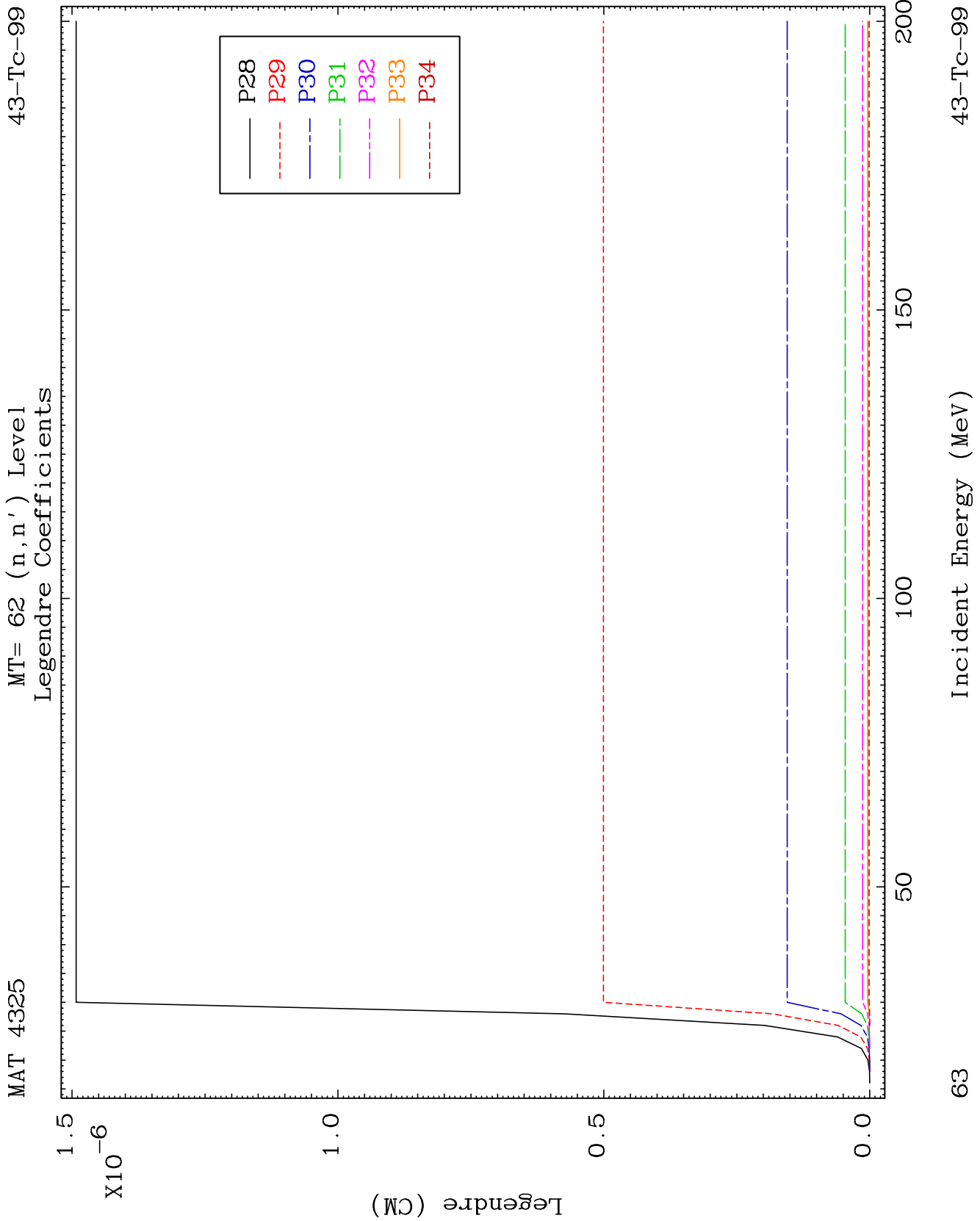


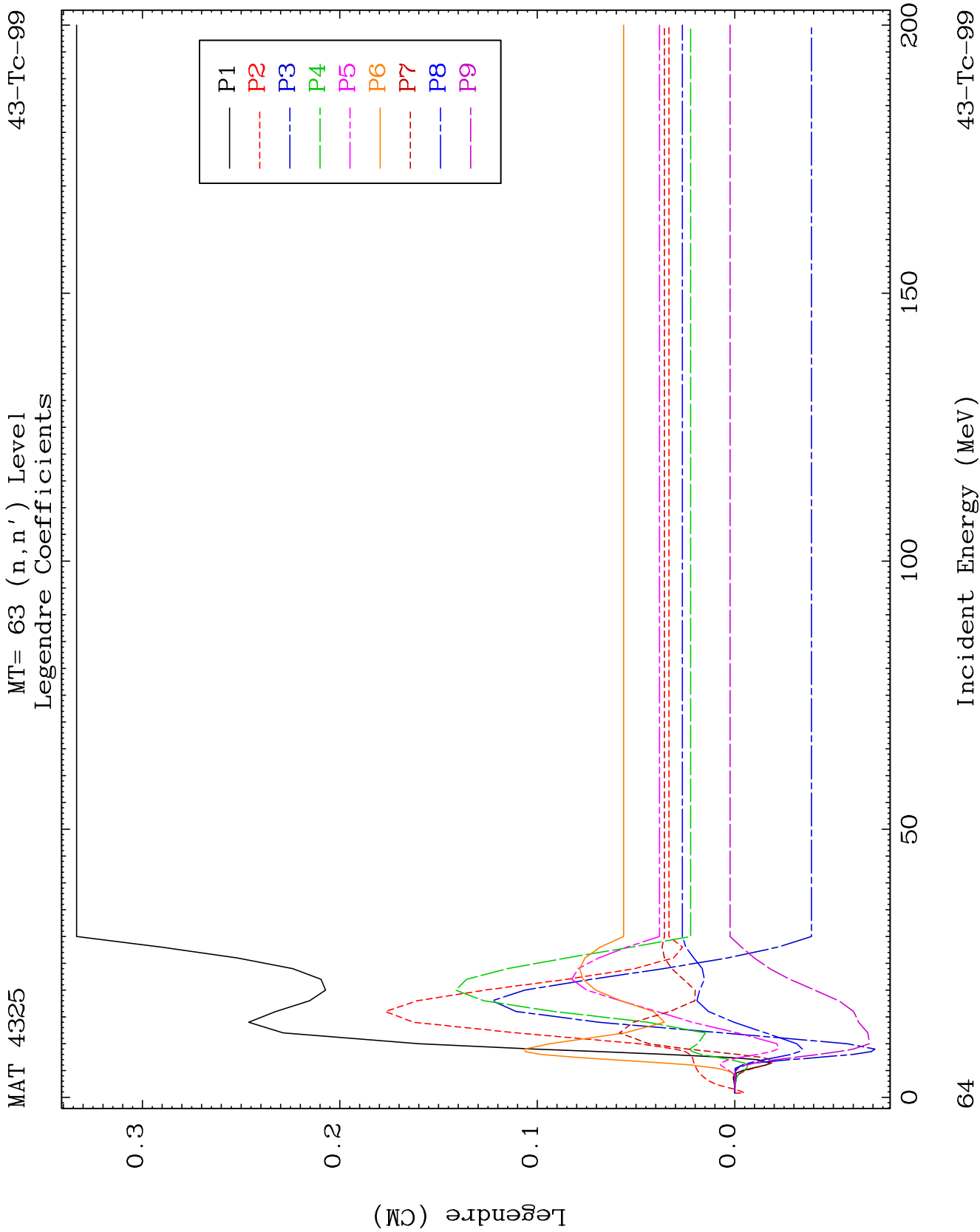


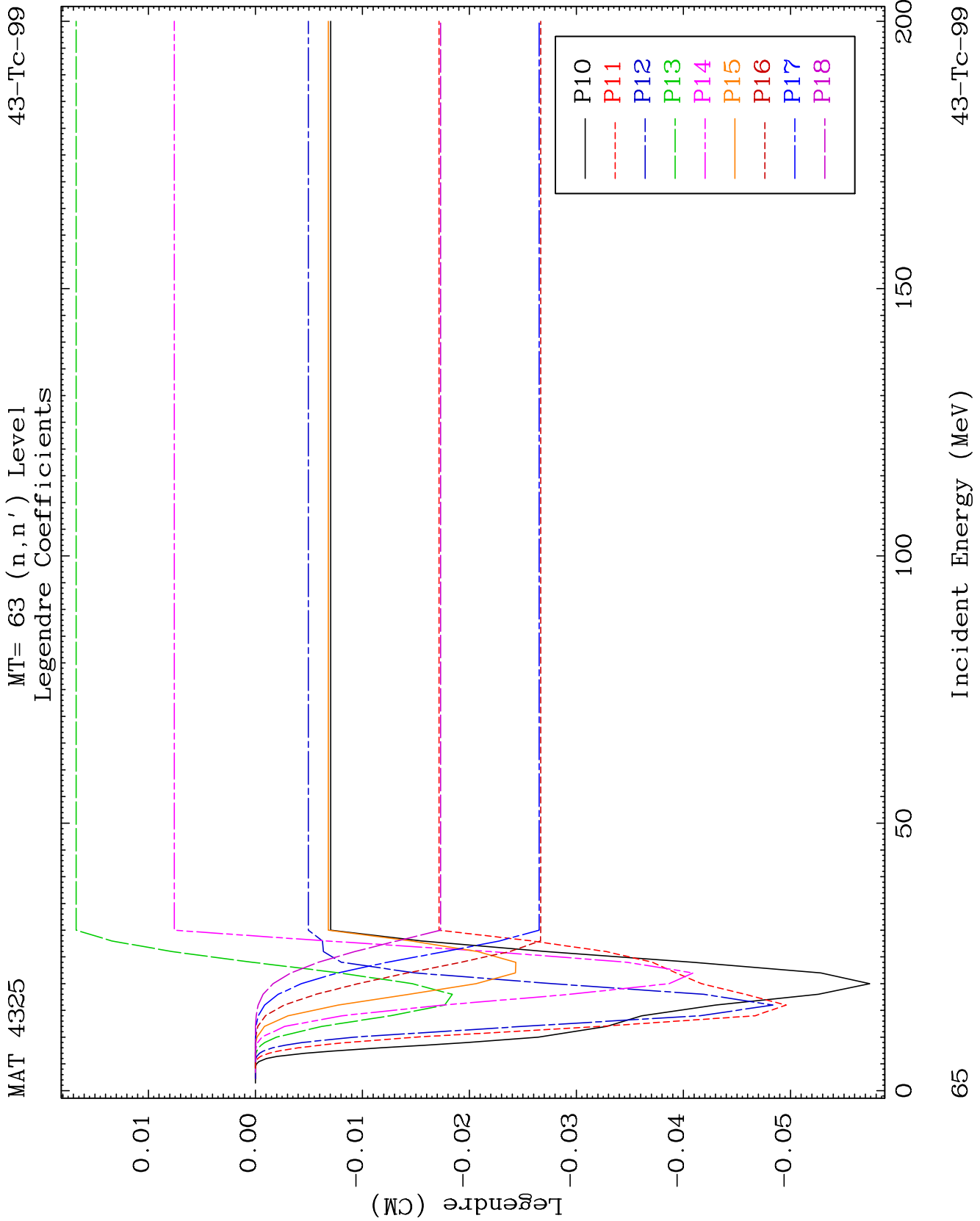


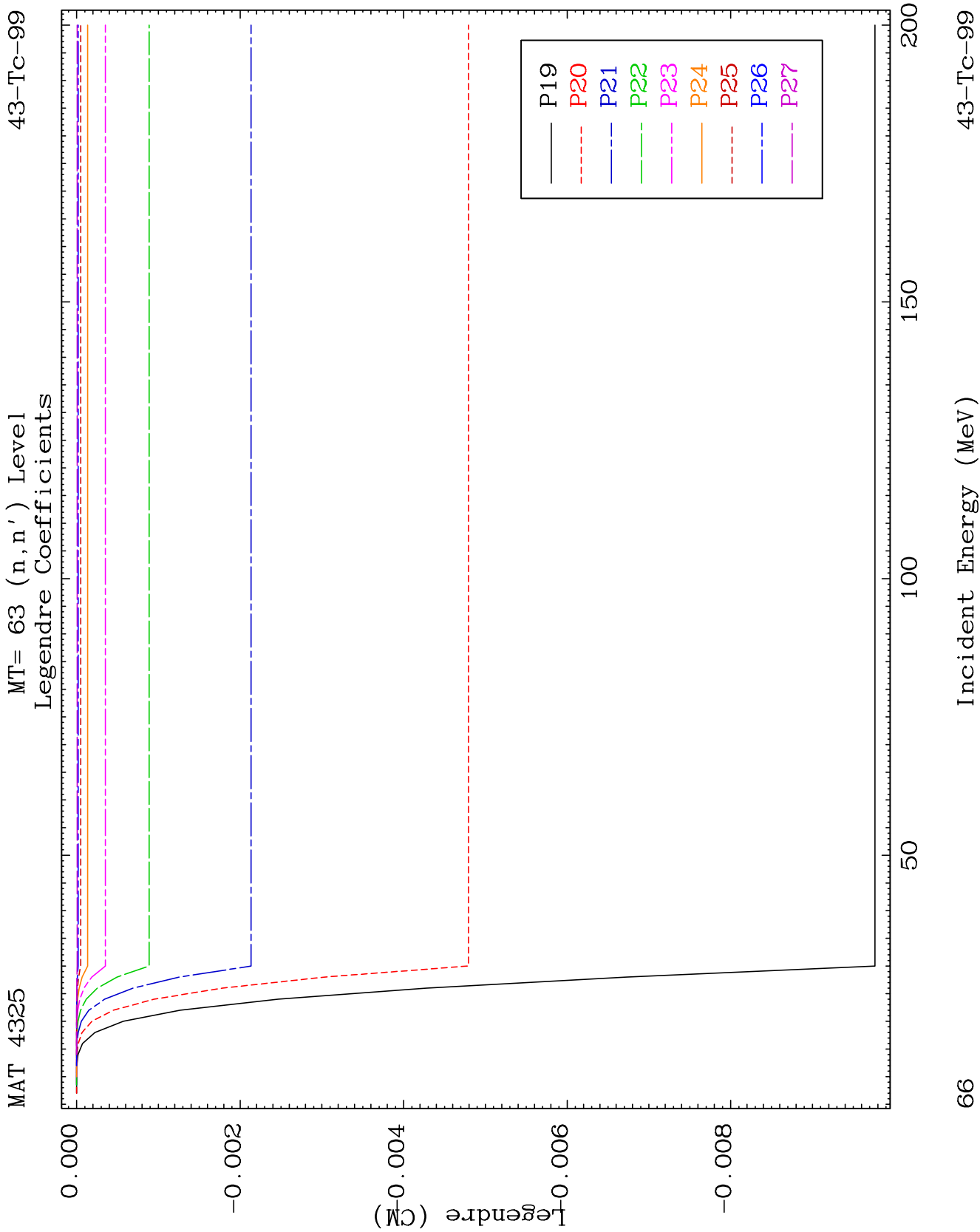


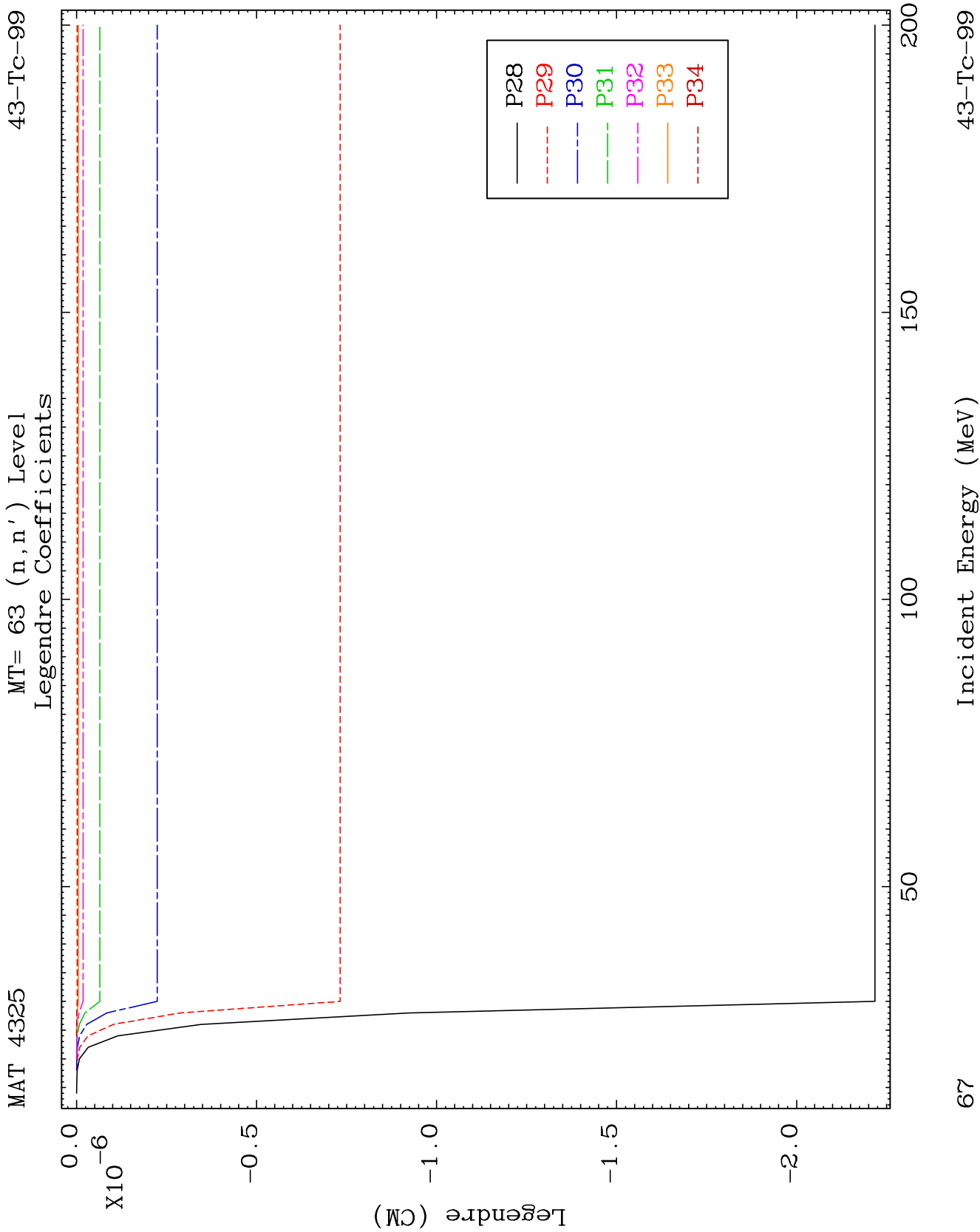


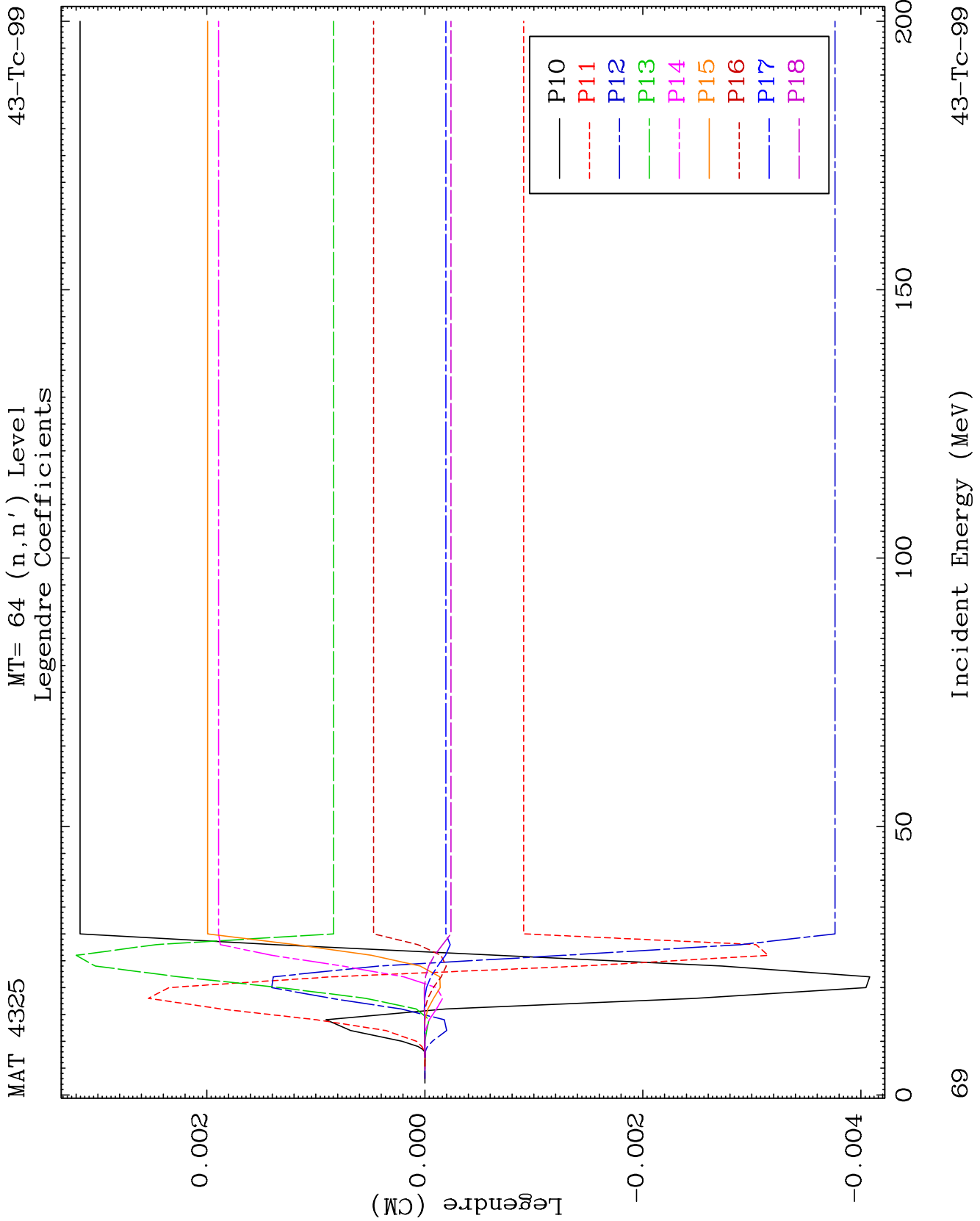


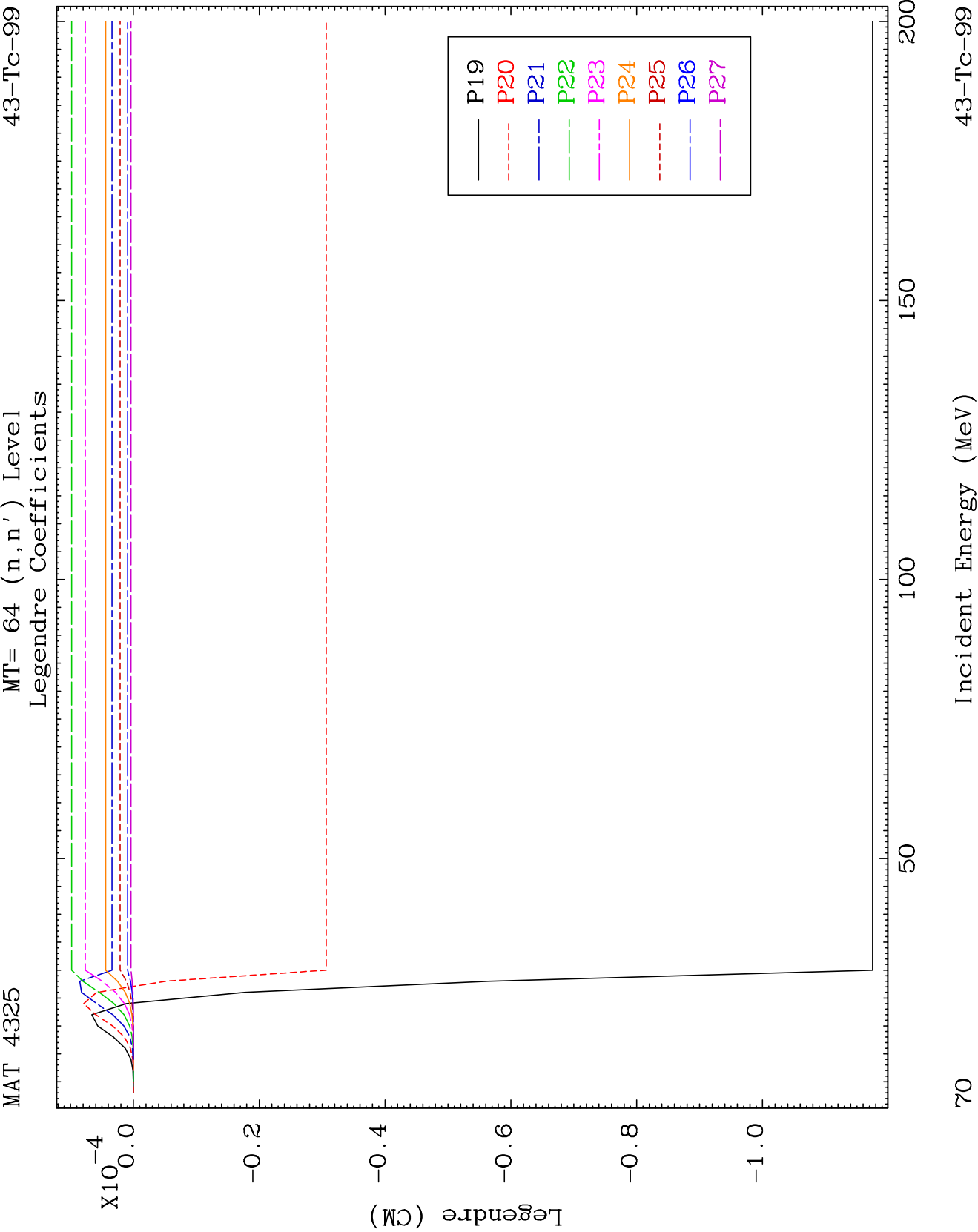


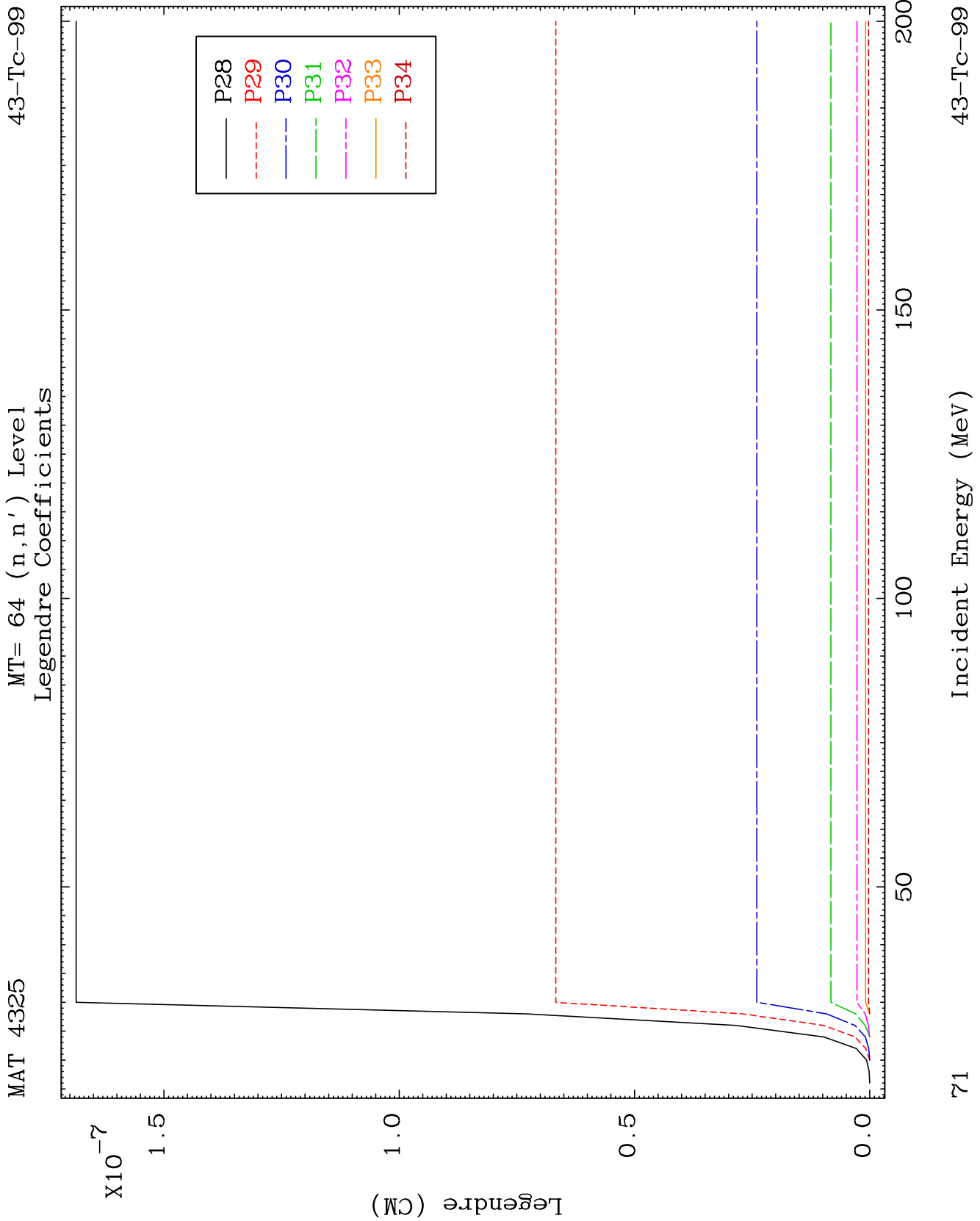


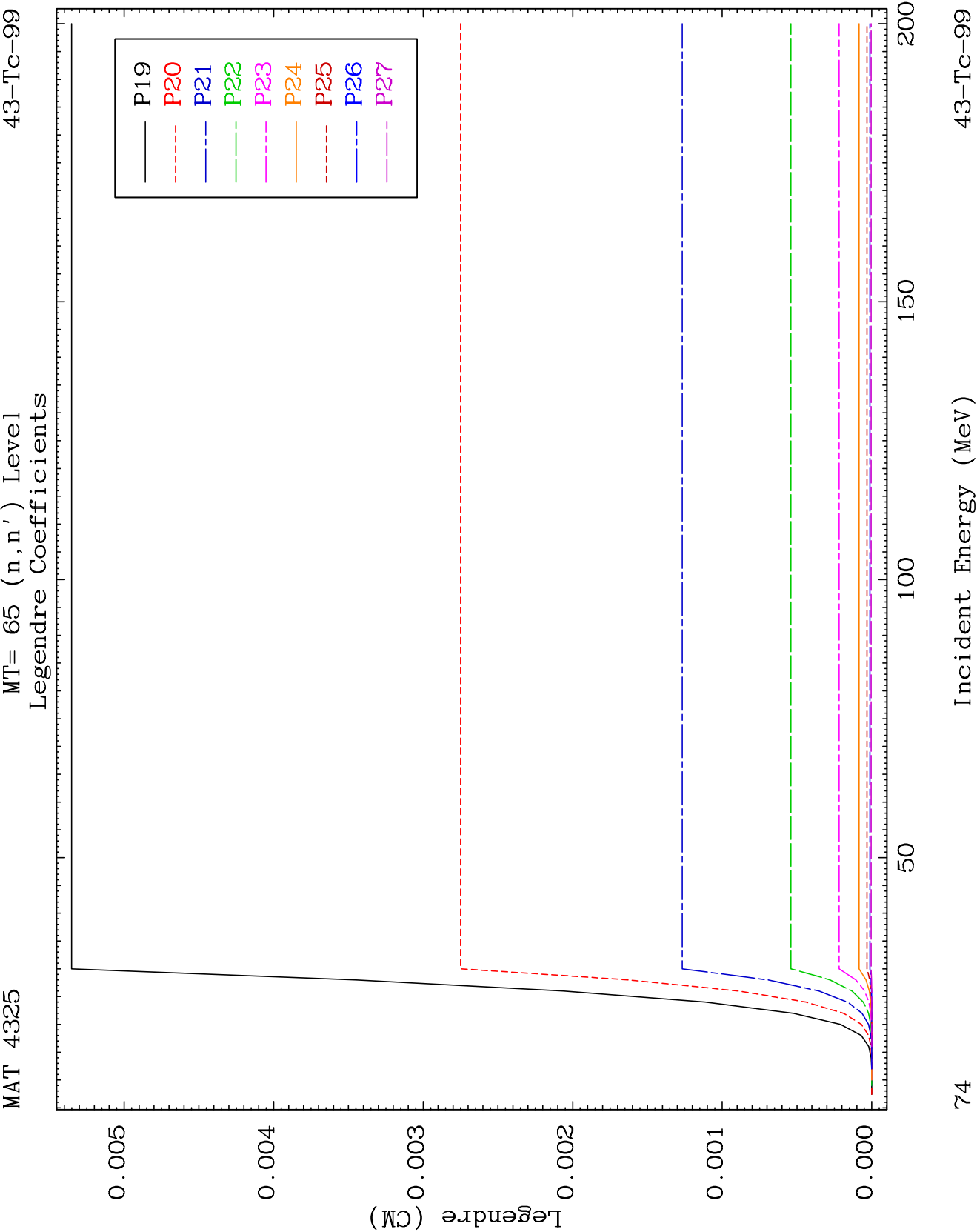


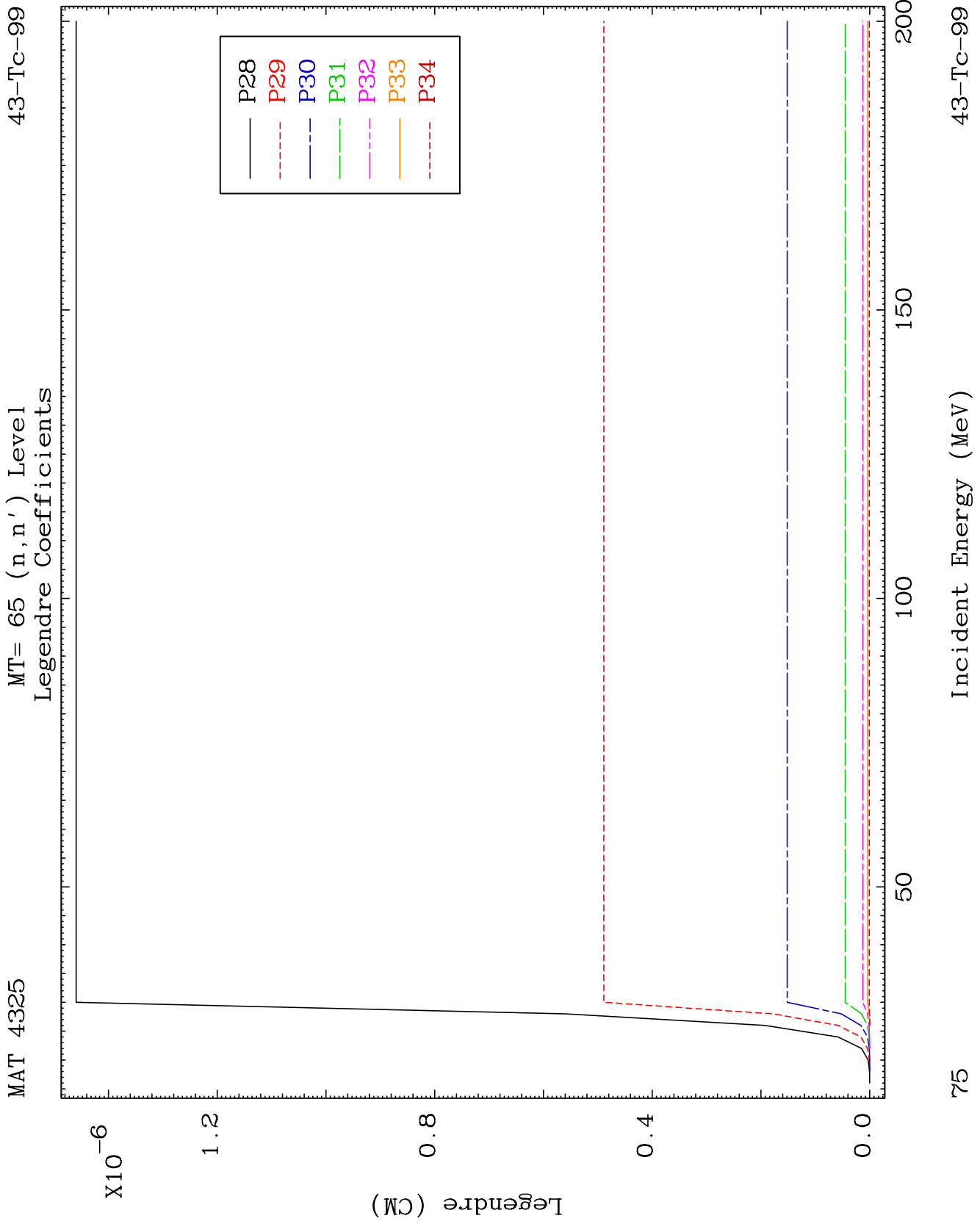


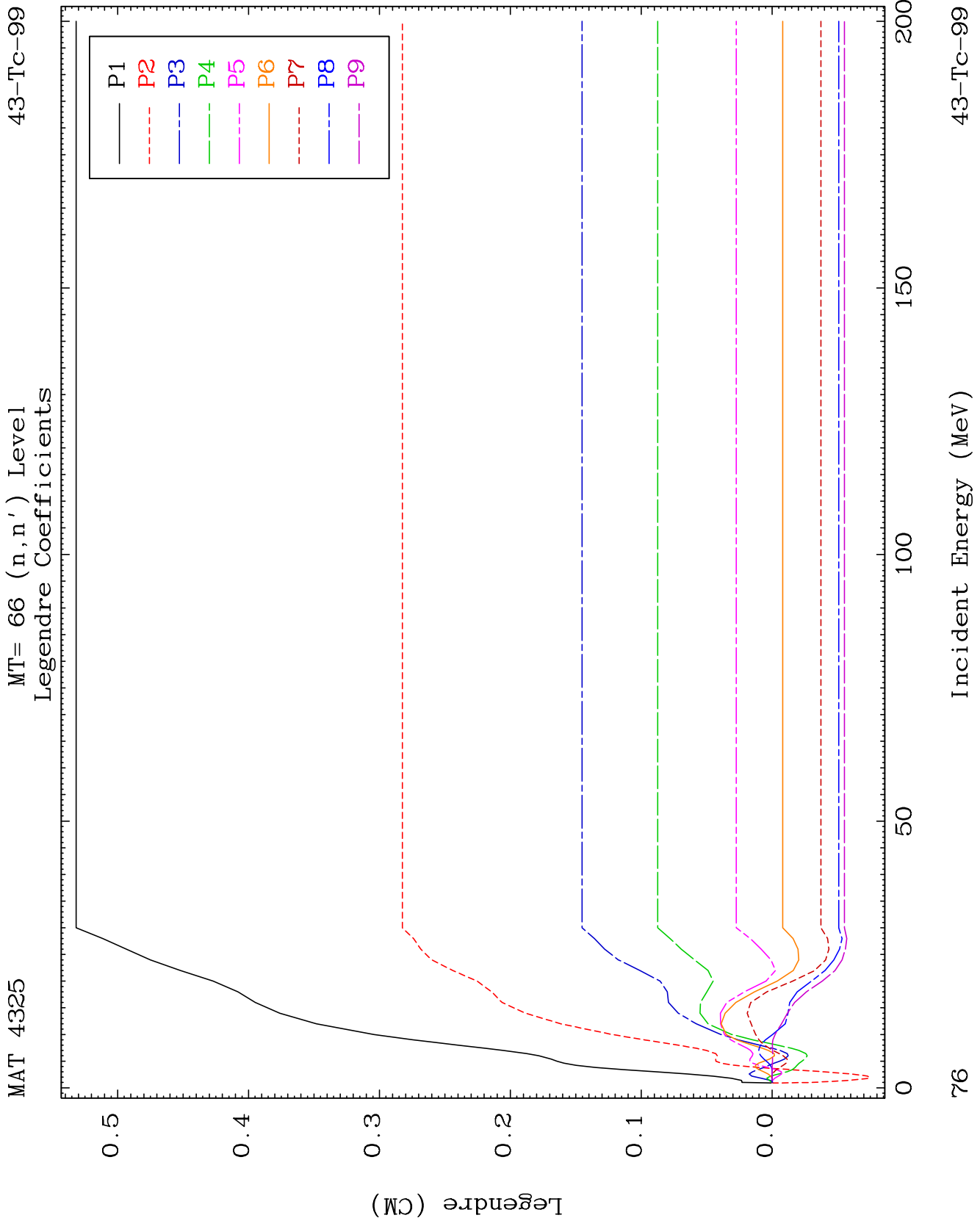


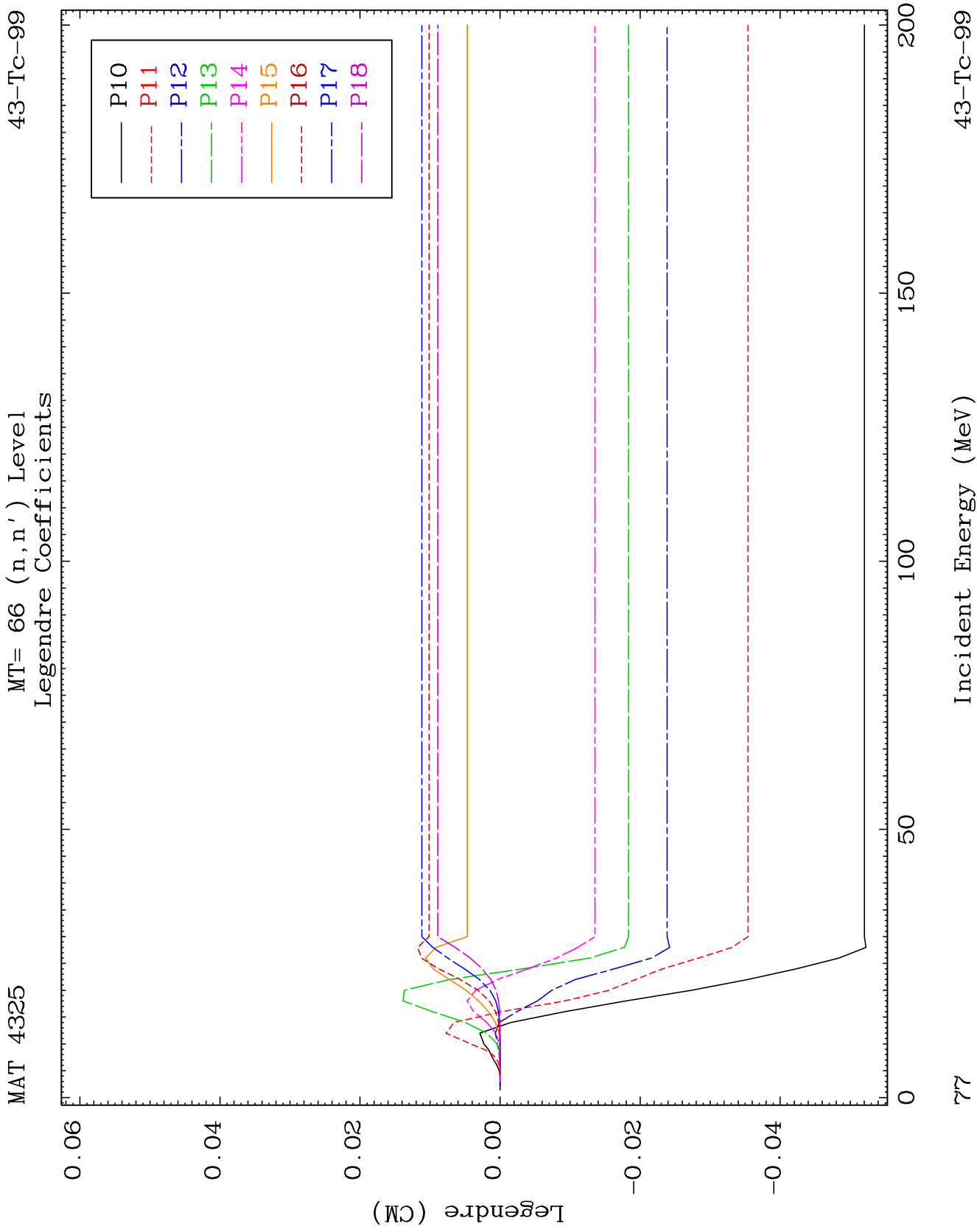








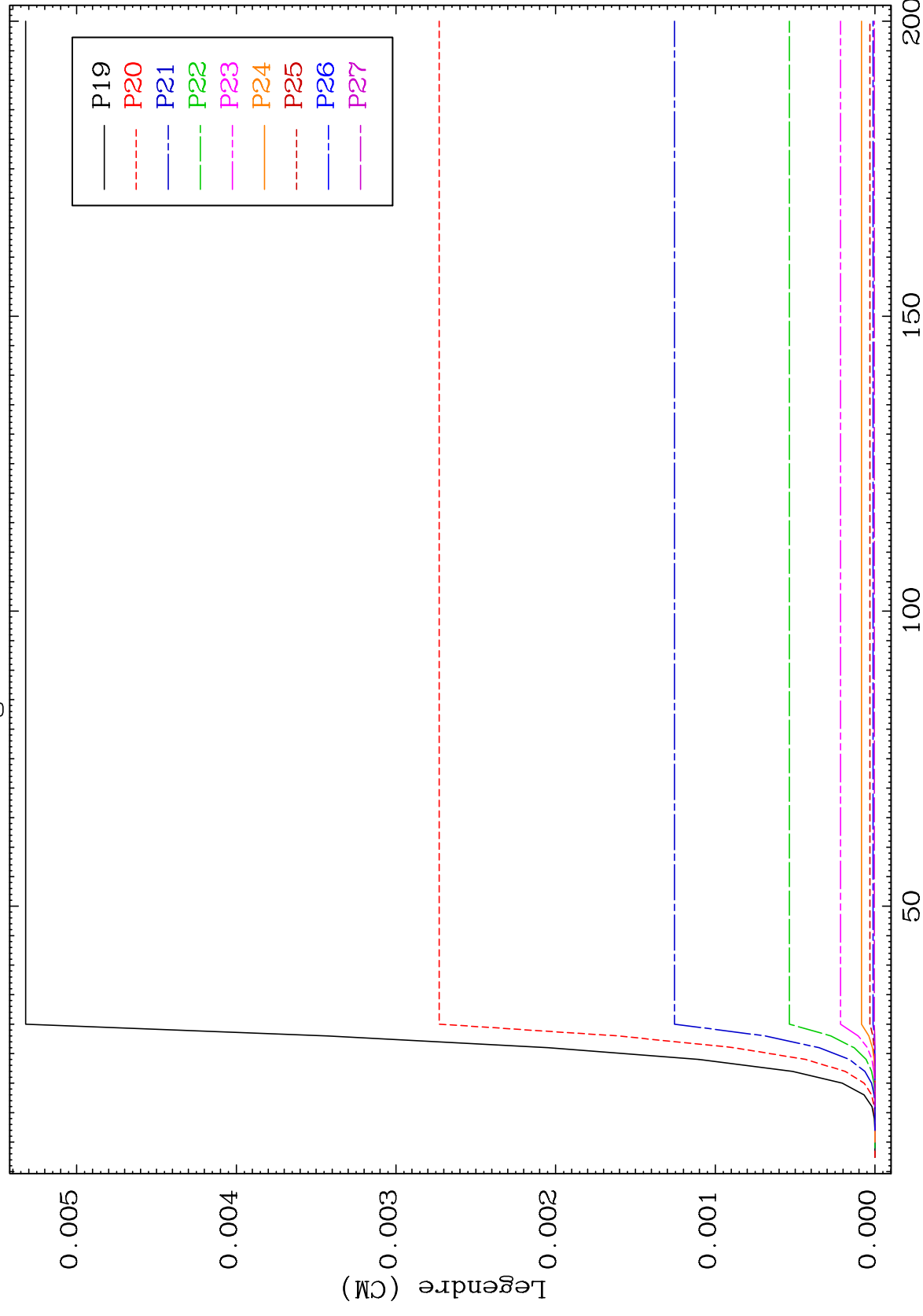




MAT 4325

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

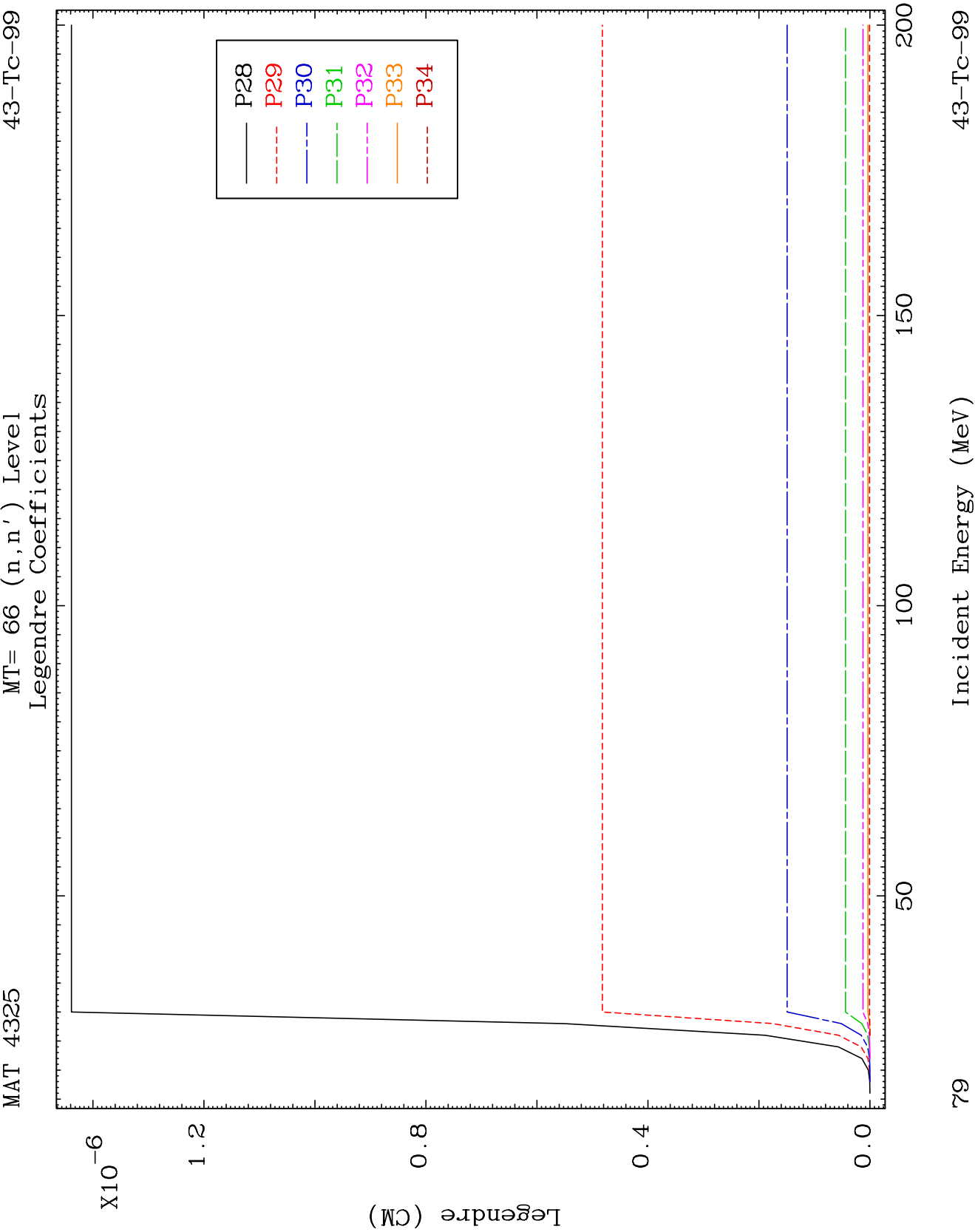
43-Tc-99



82

Incident Energy (MeV)

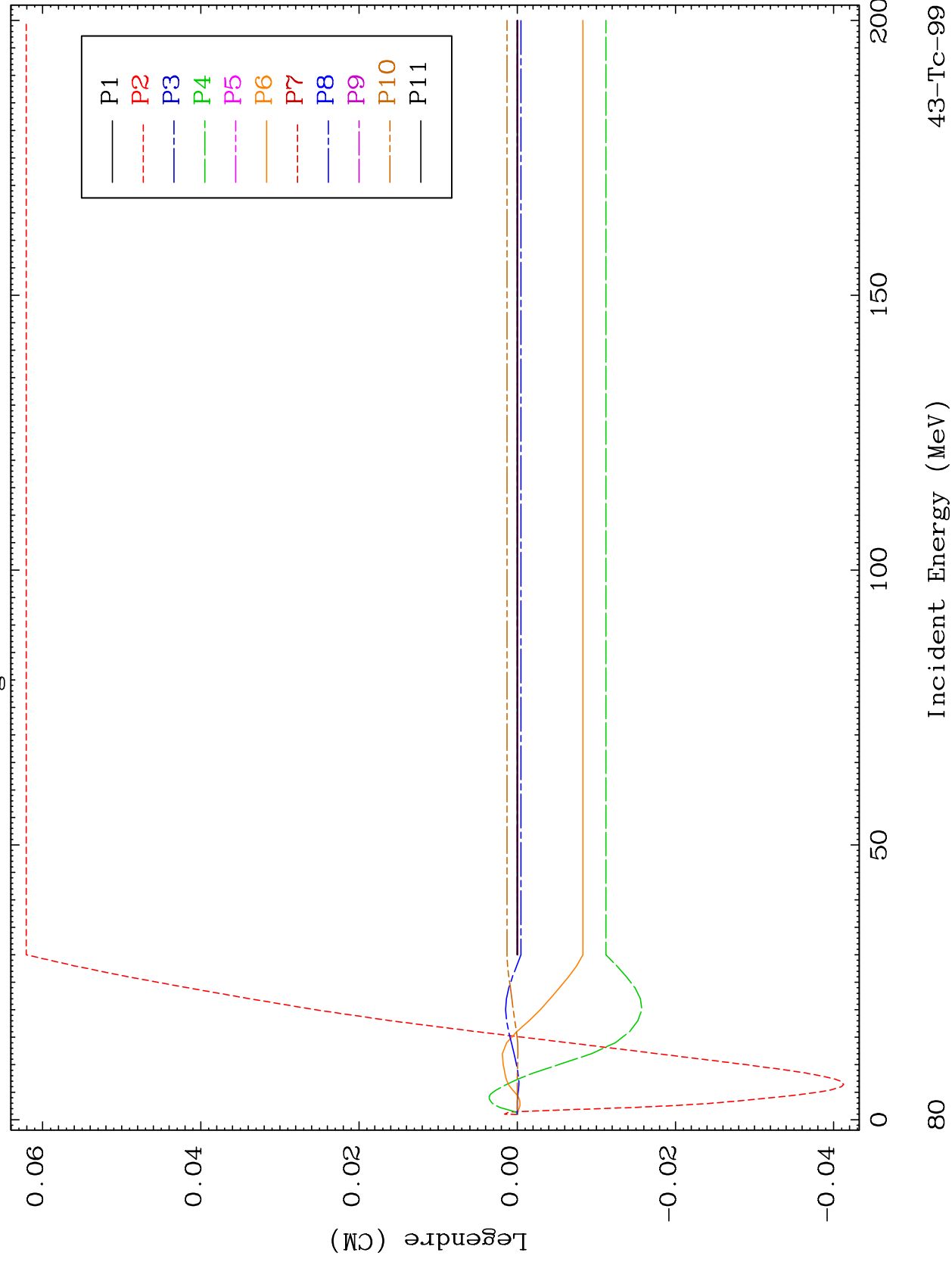
43-Tc-99

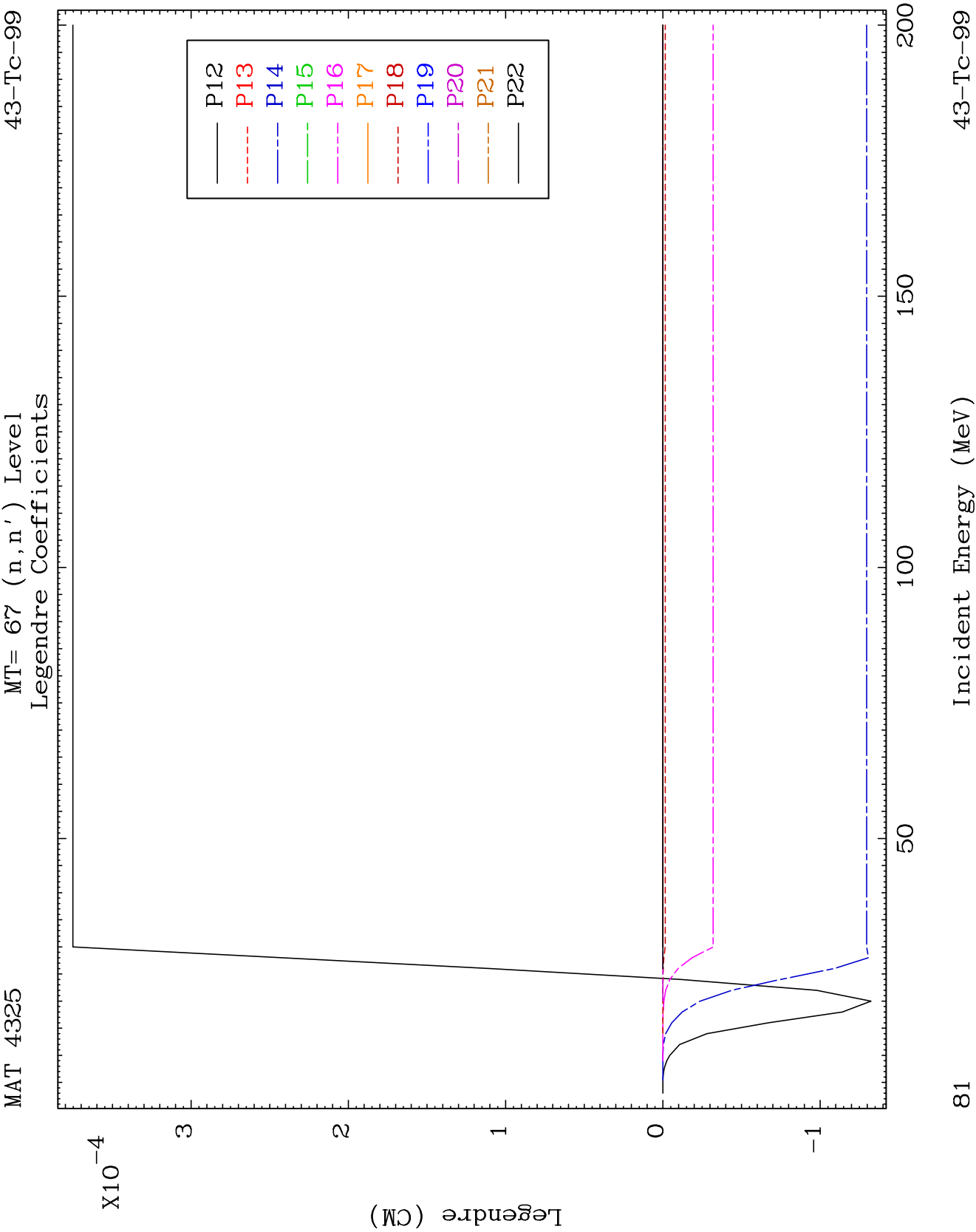


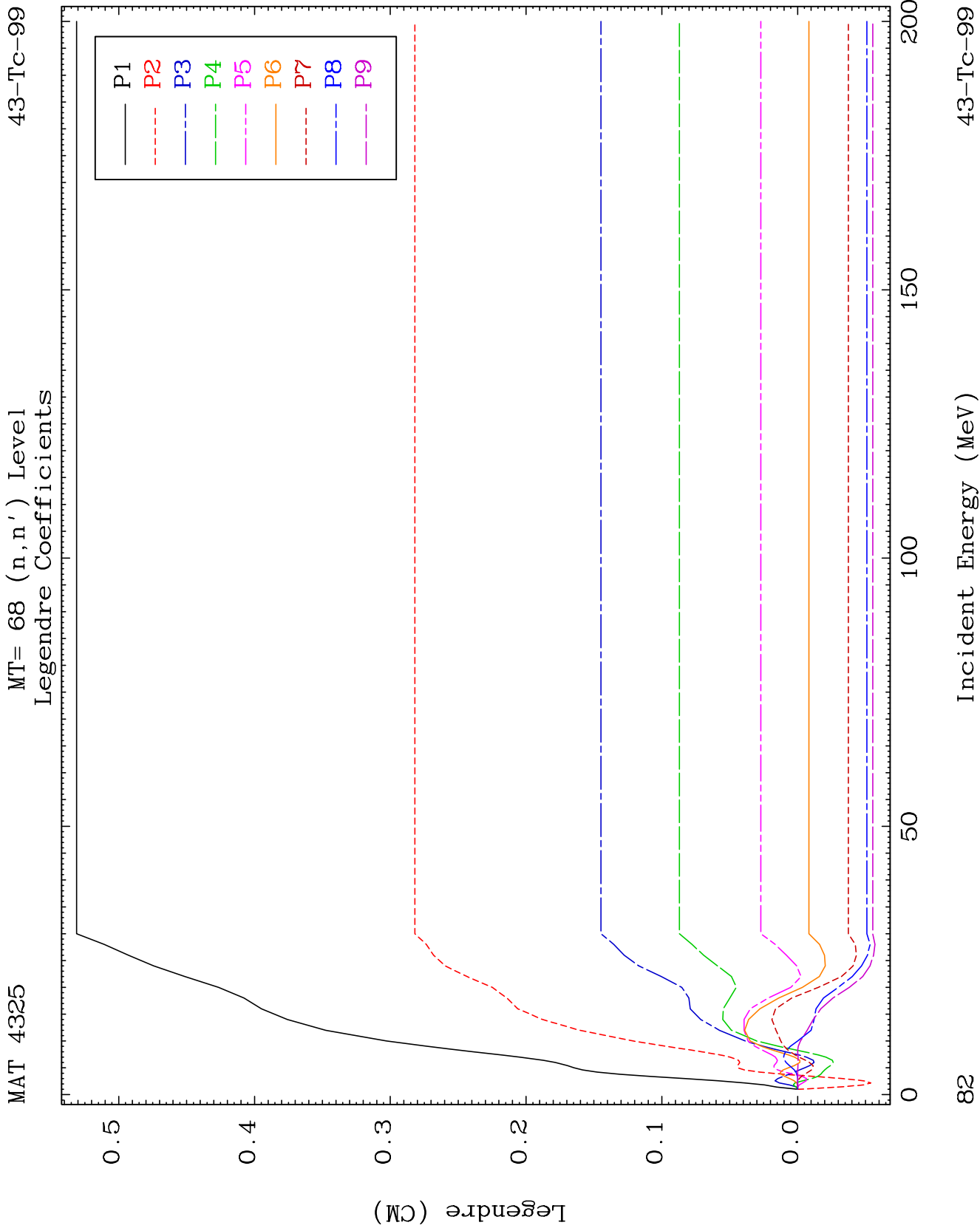
MAT 4325

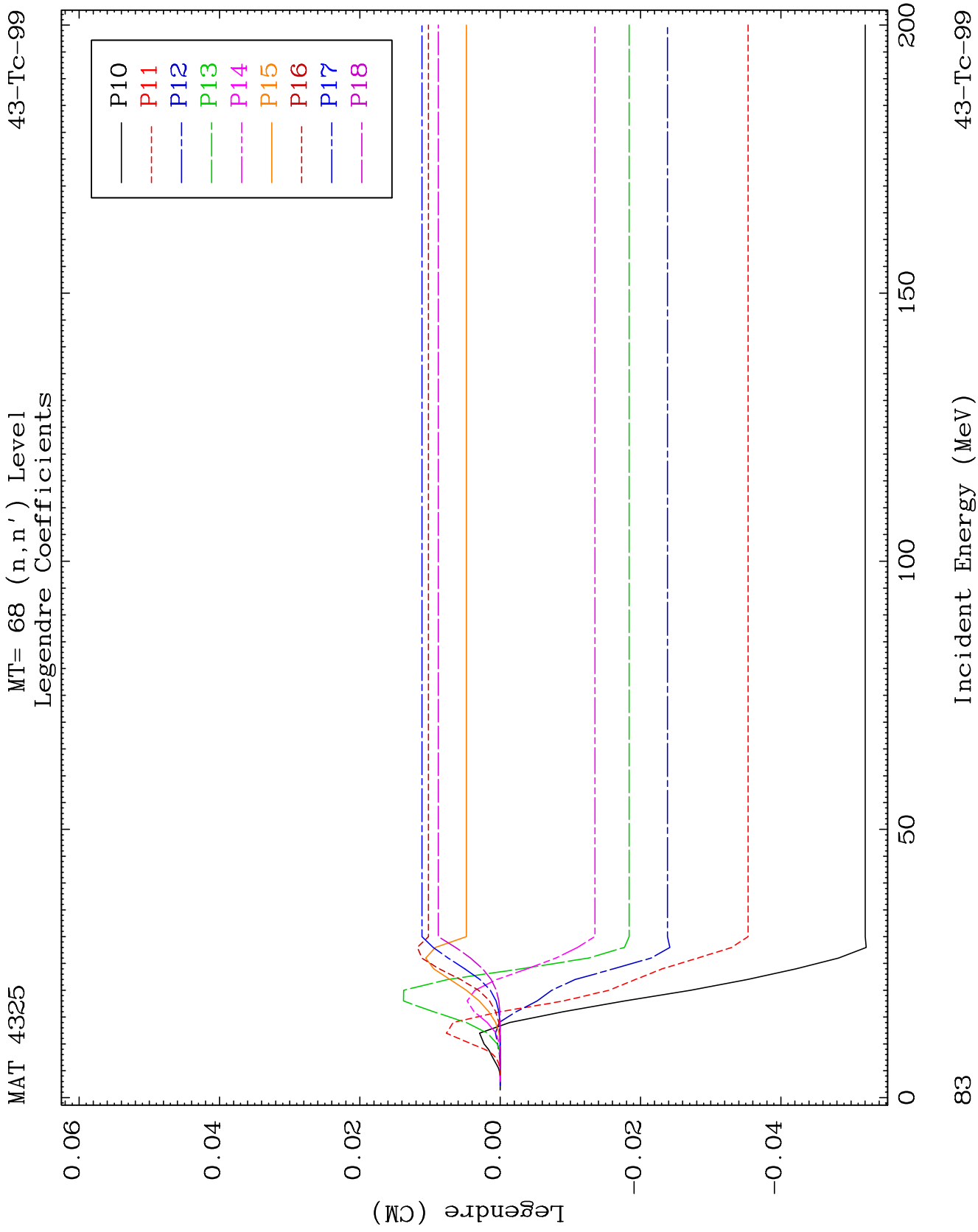
MT= 67 (n, n') Level
Legendre Coefficients

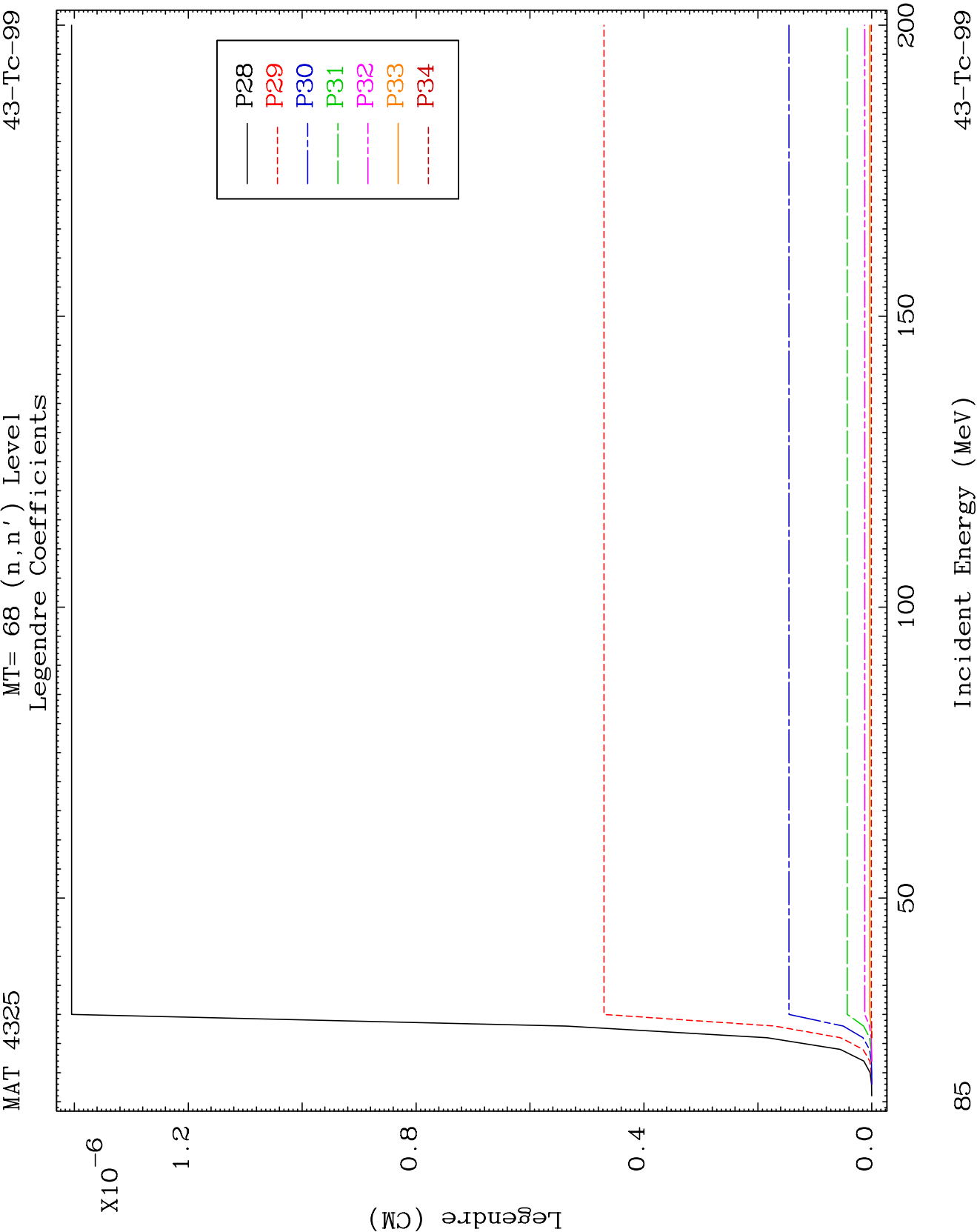
43-Tc-99

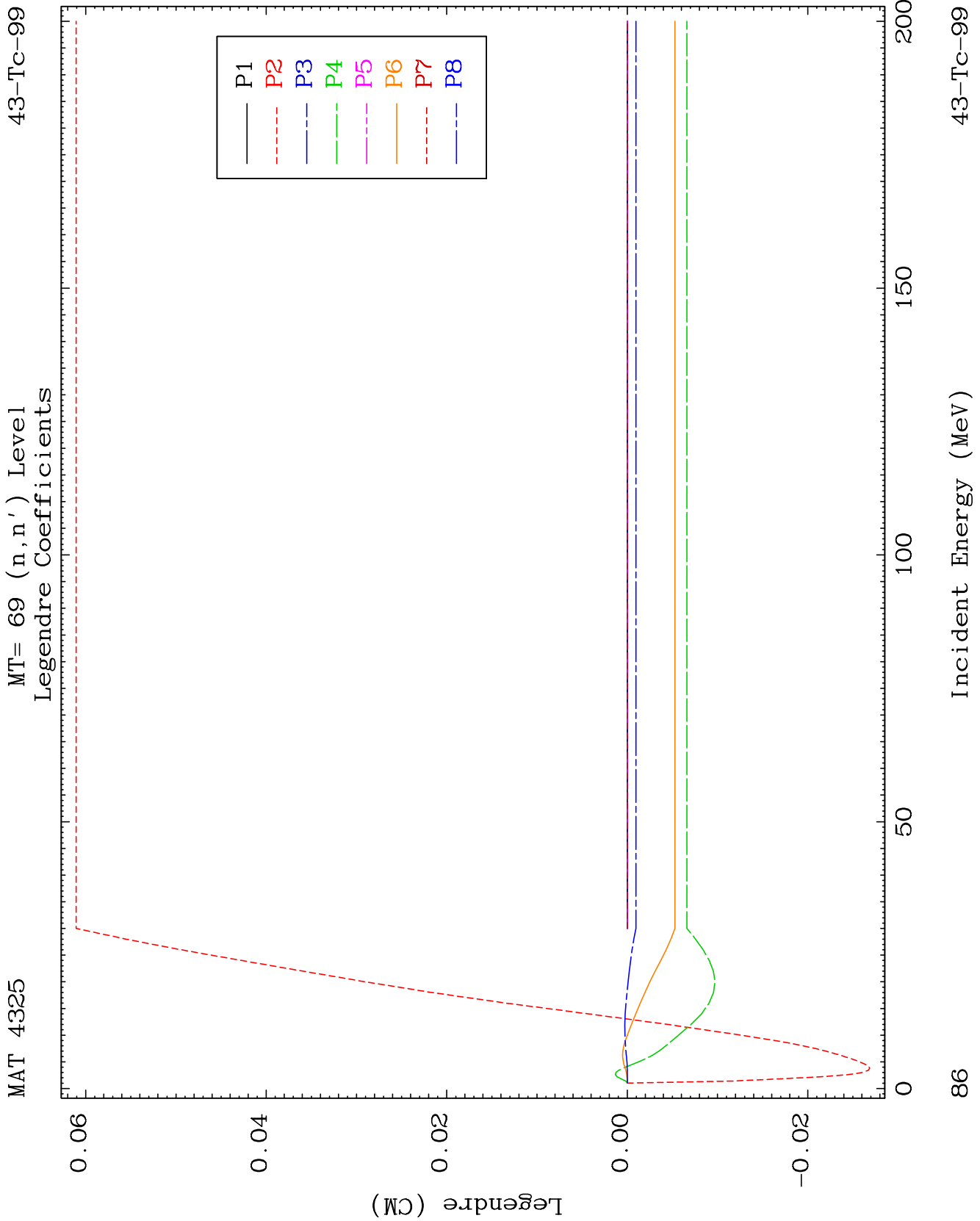


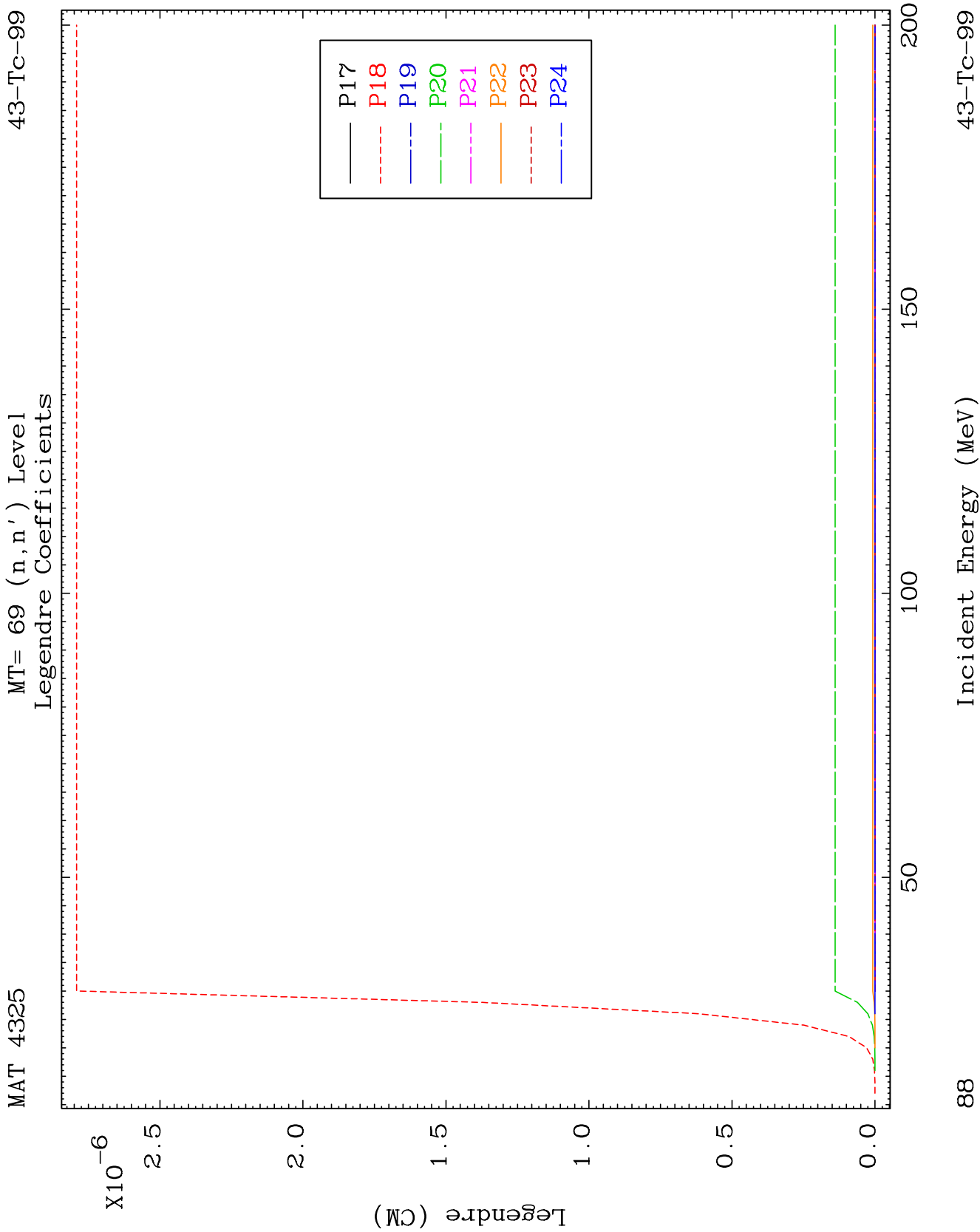


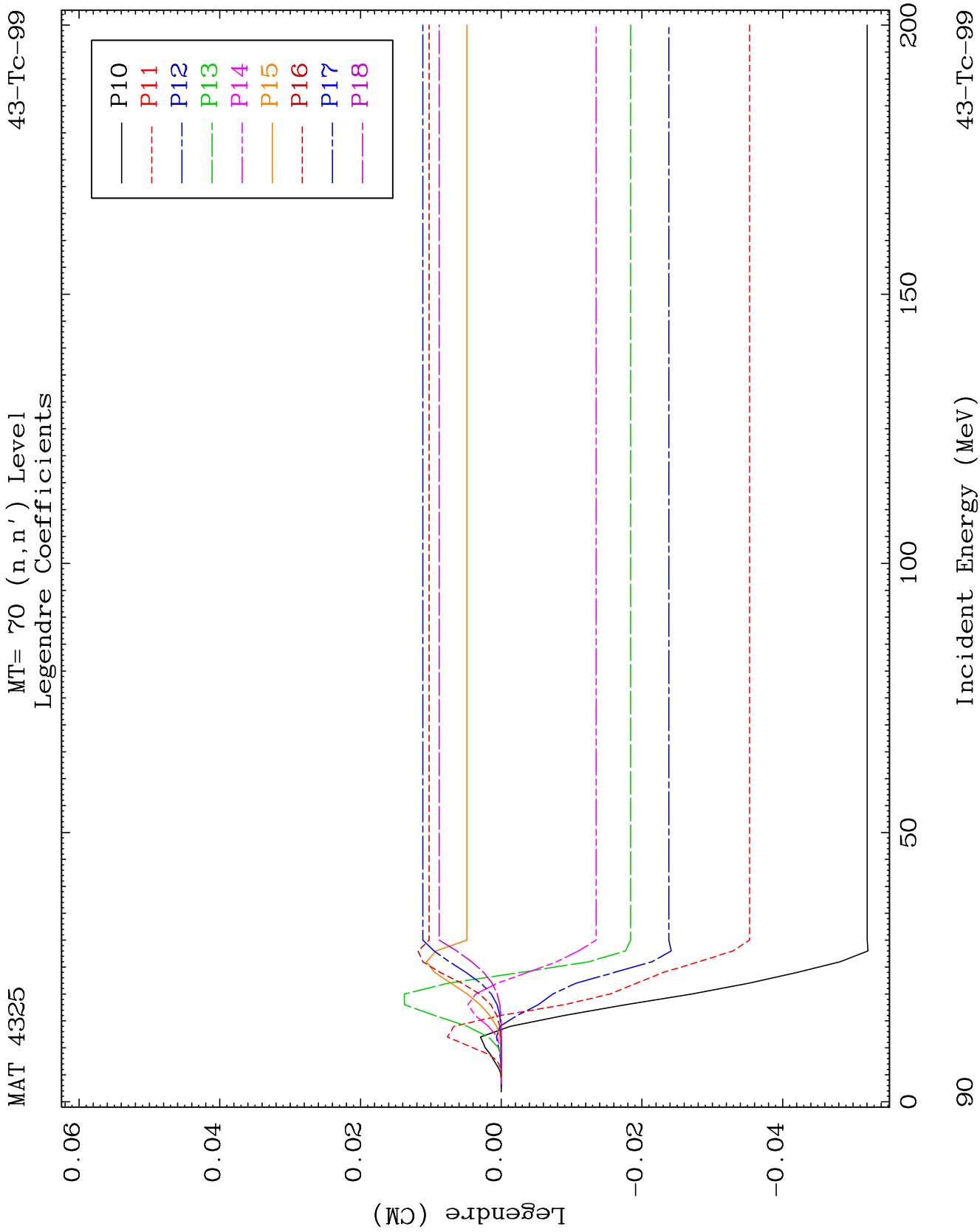


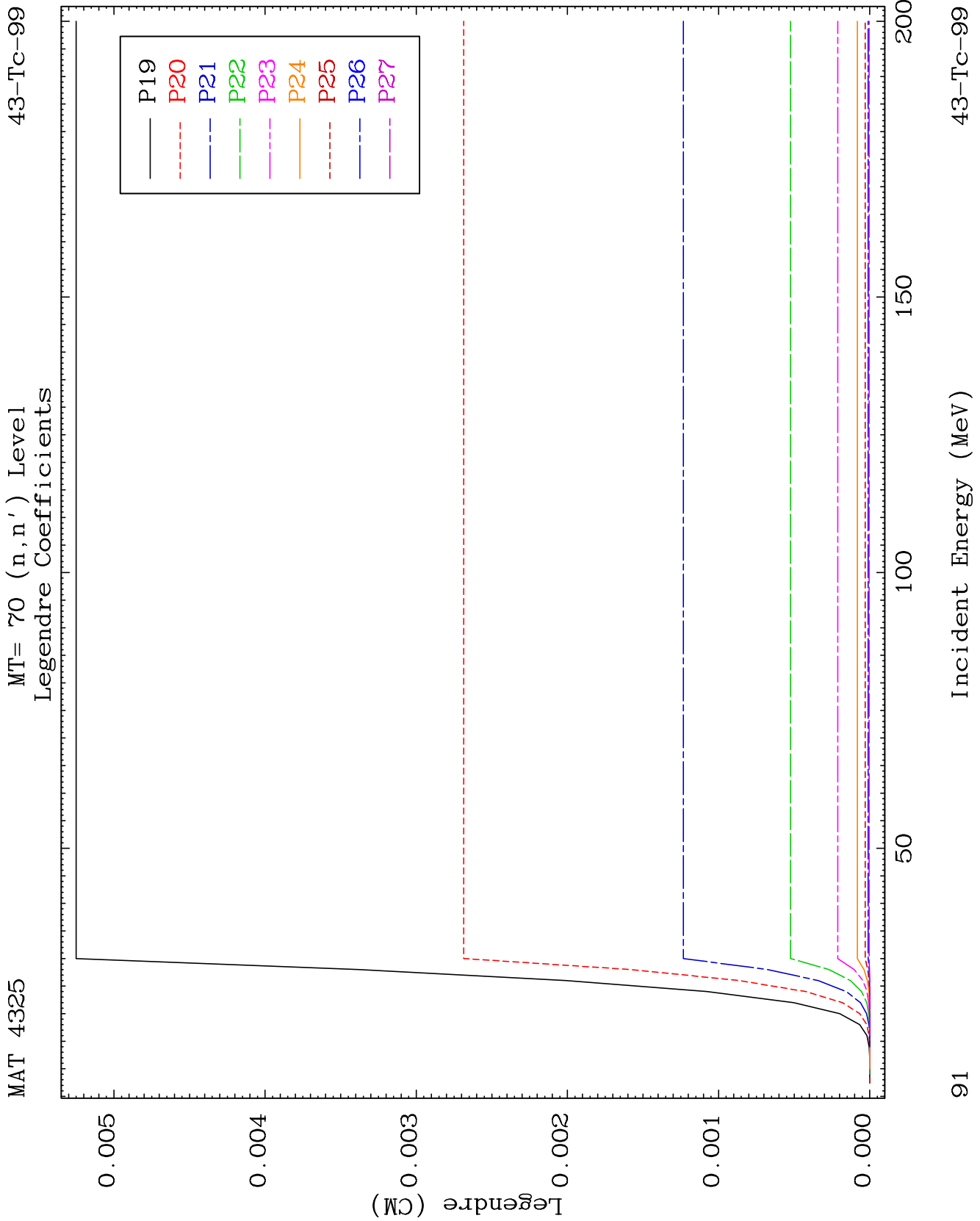


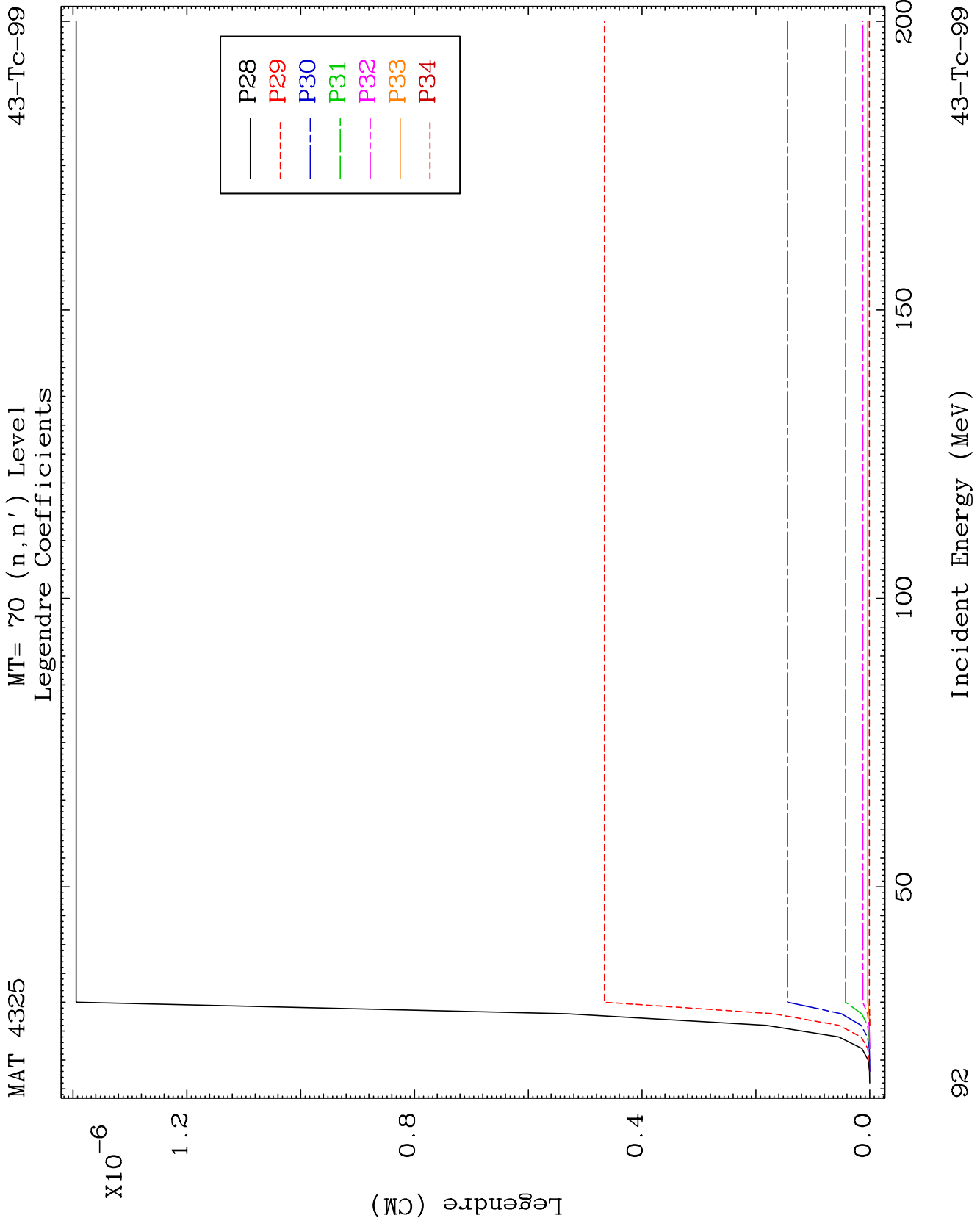


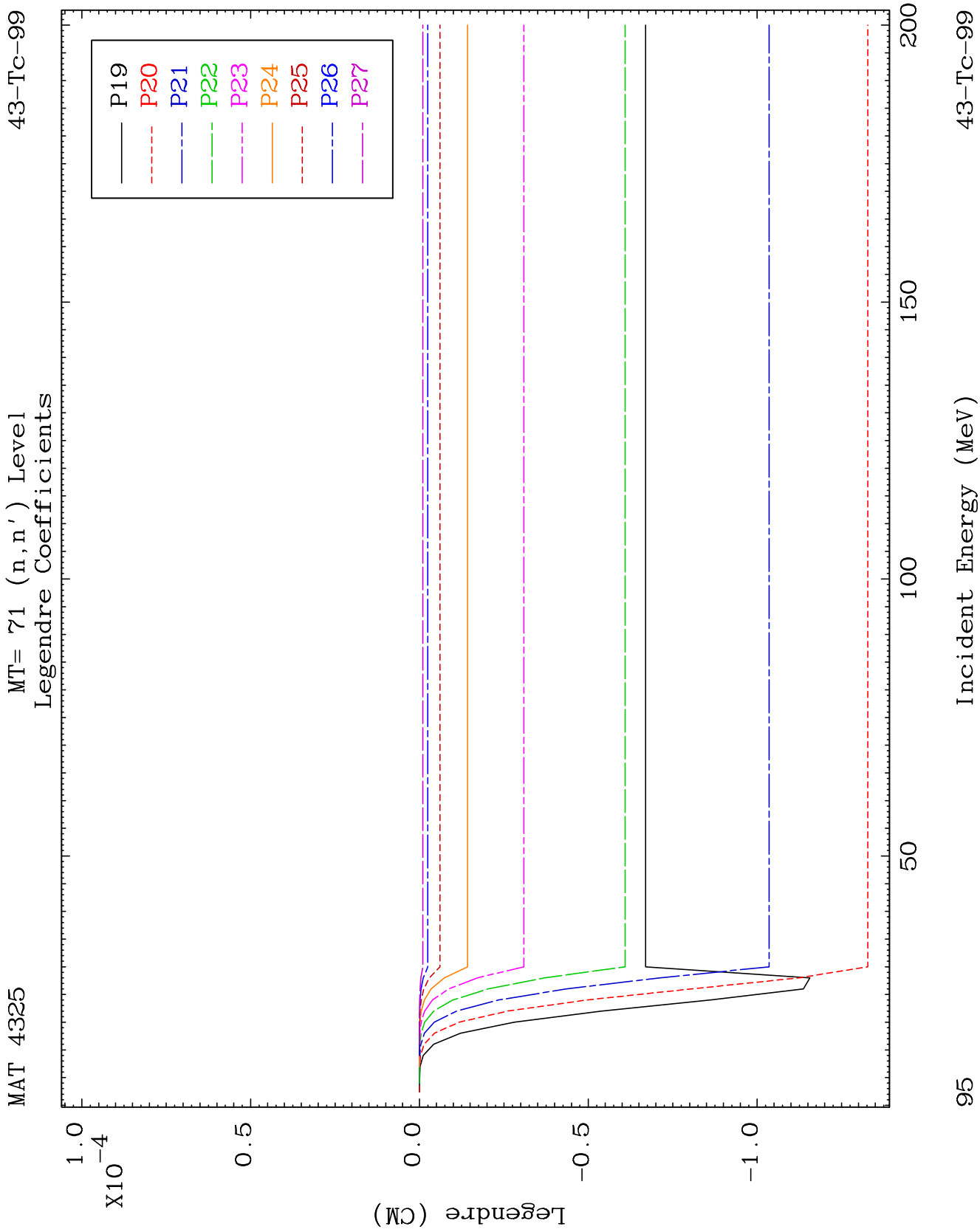


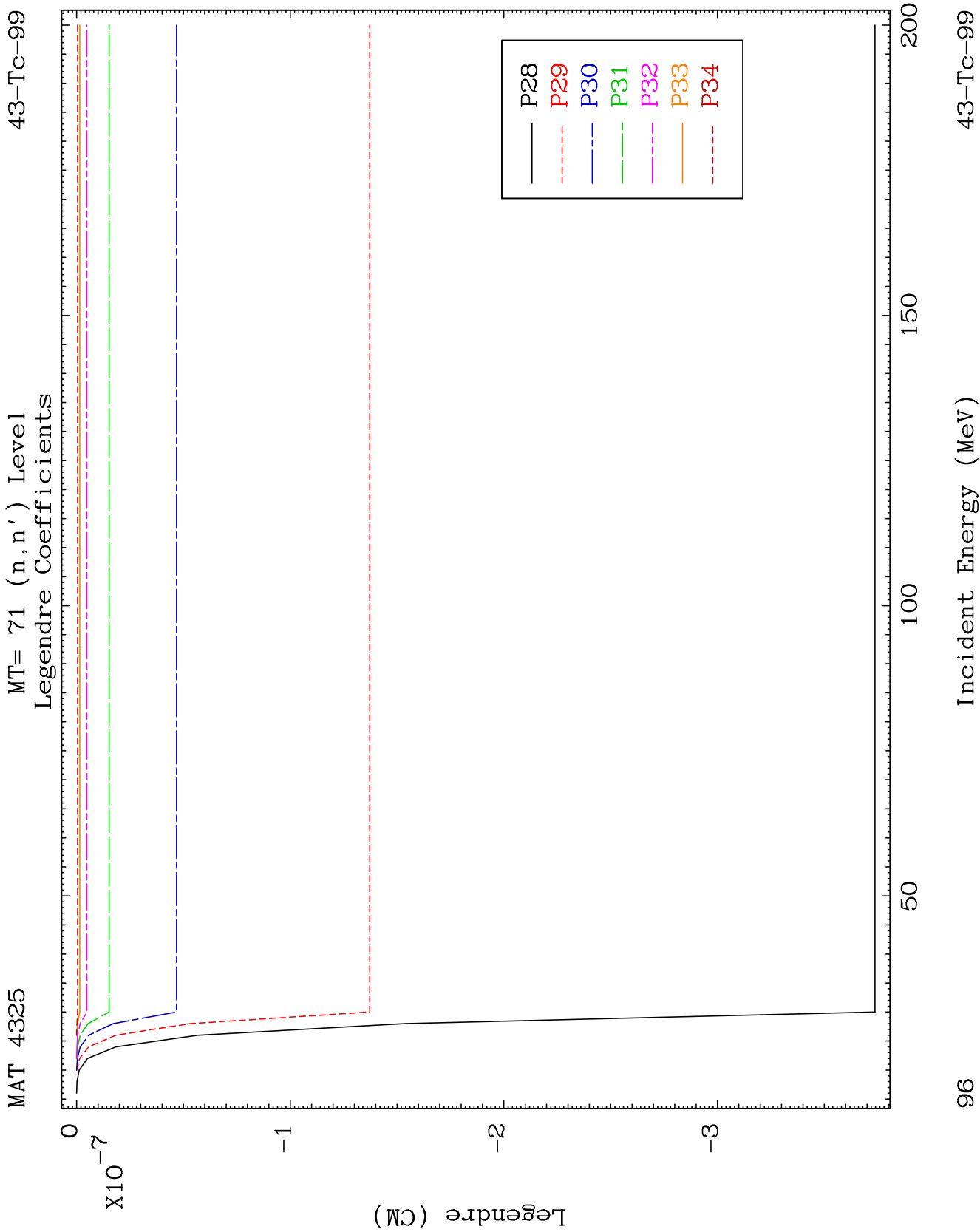


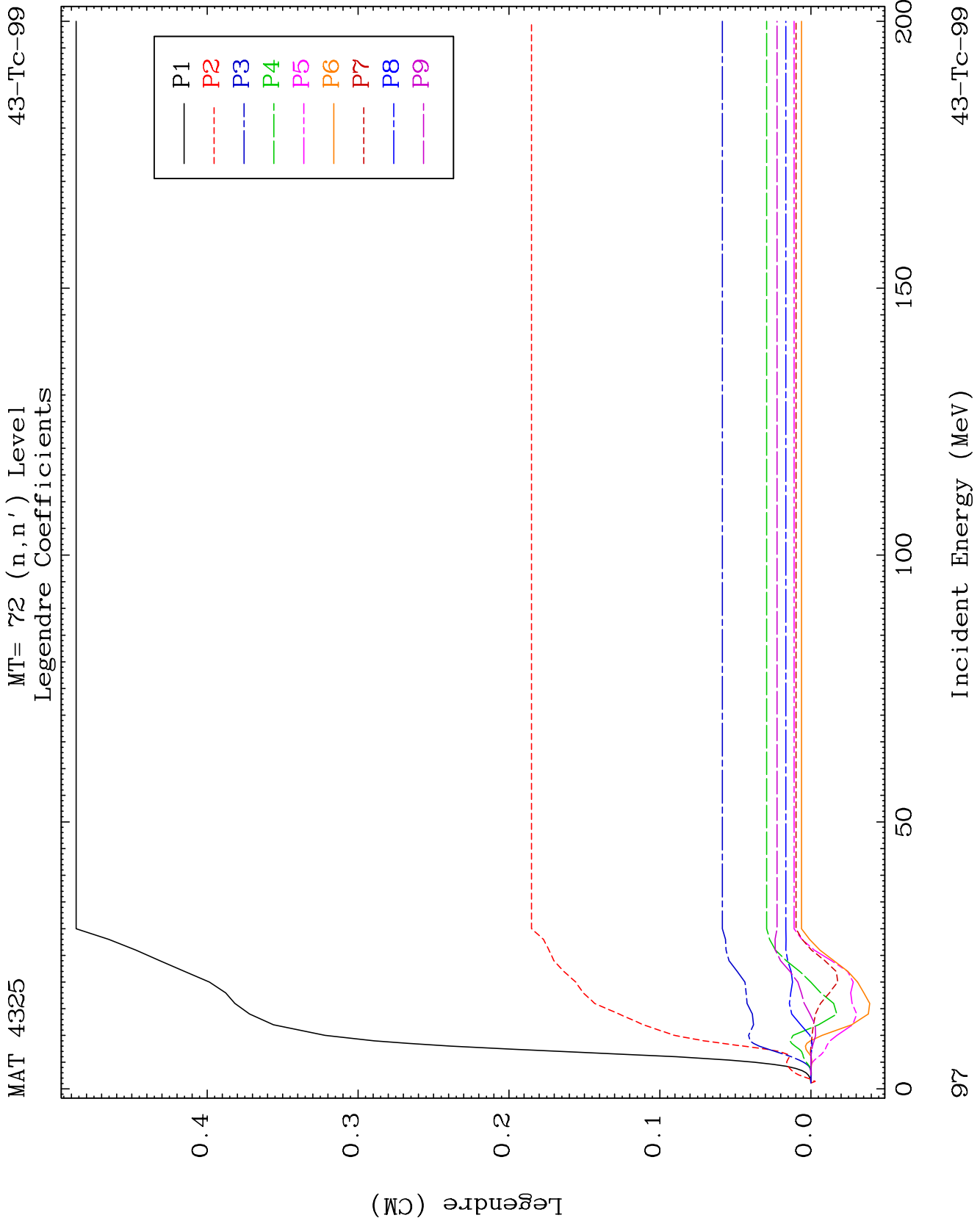








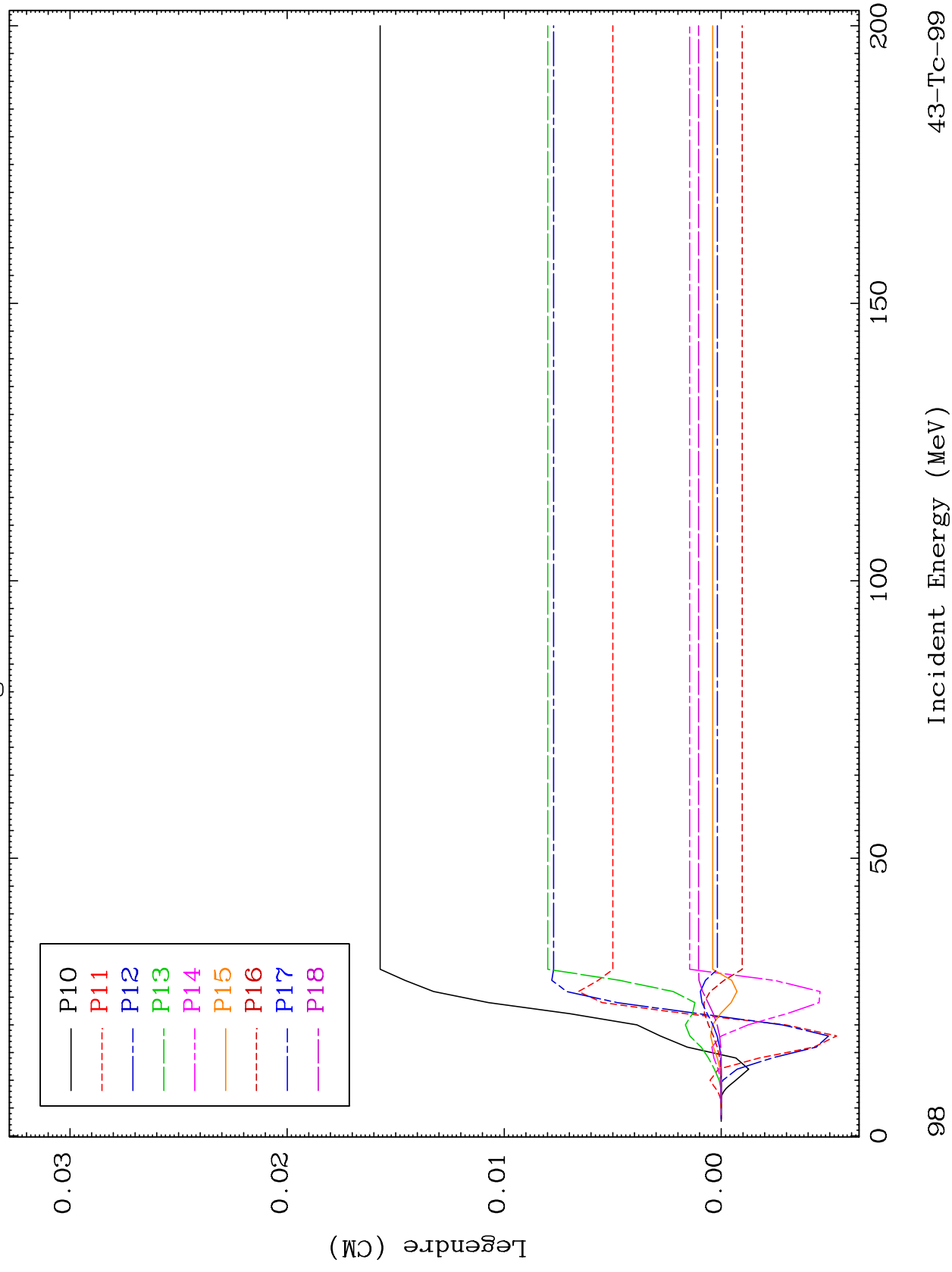


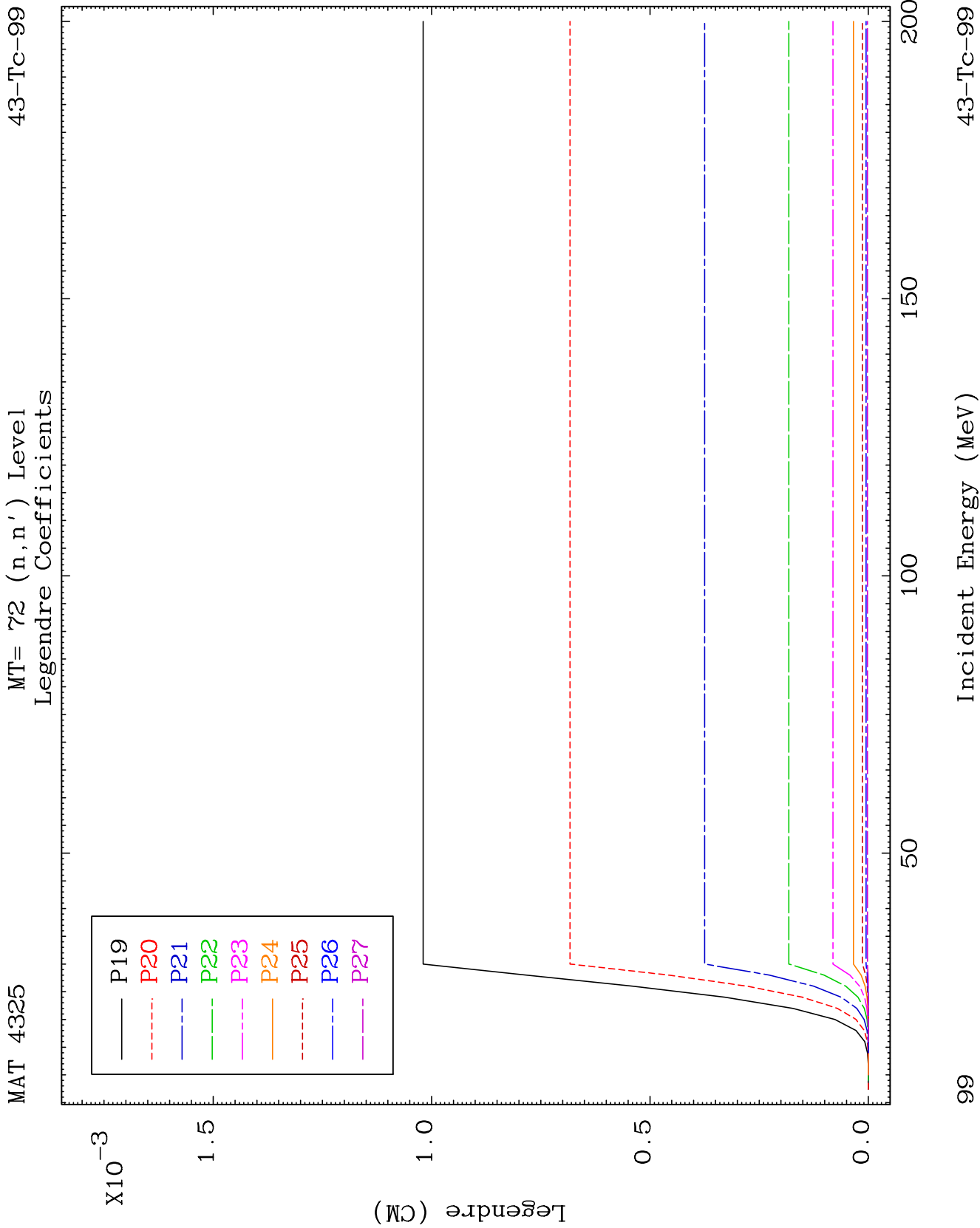


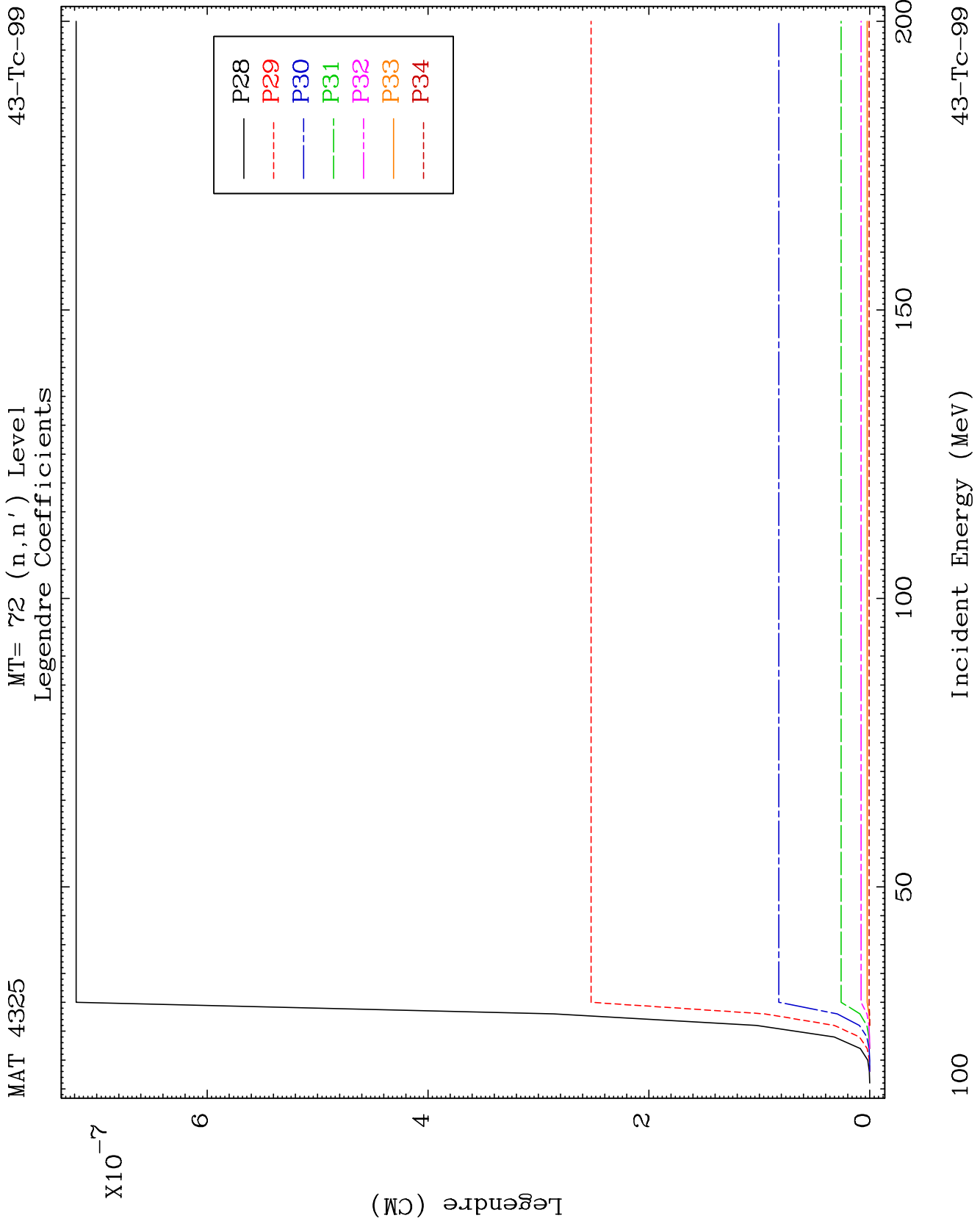
MAT 4325

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

43-Tc-99



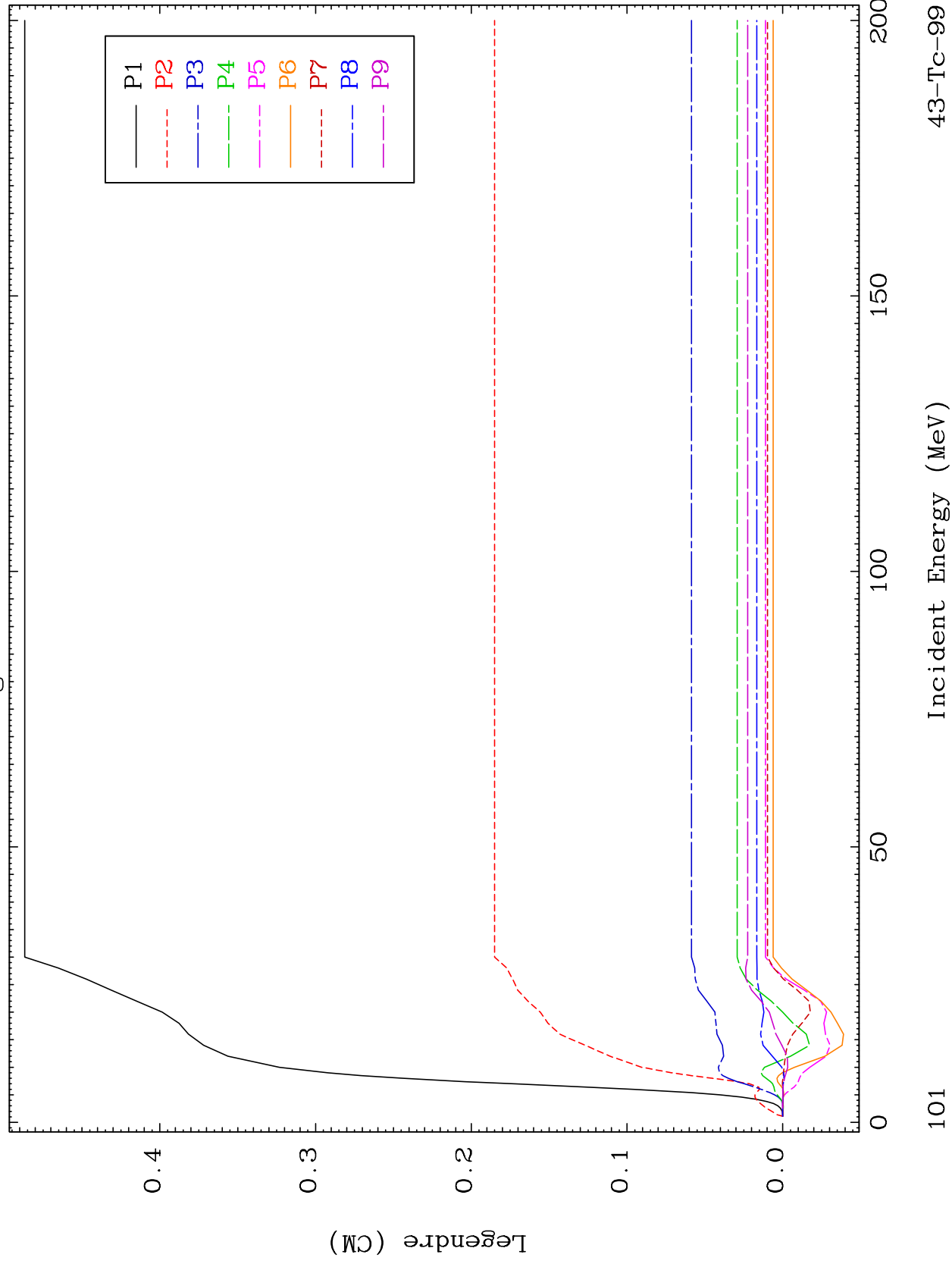




MAT 4325

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

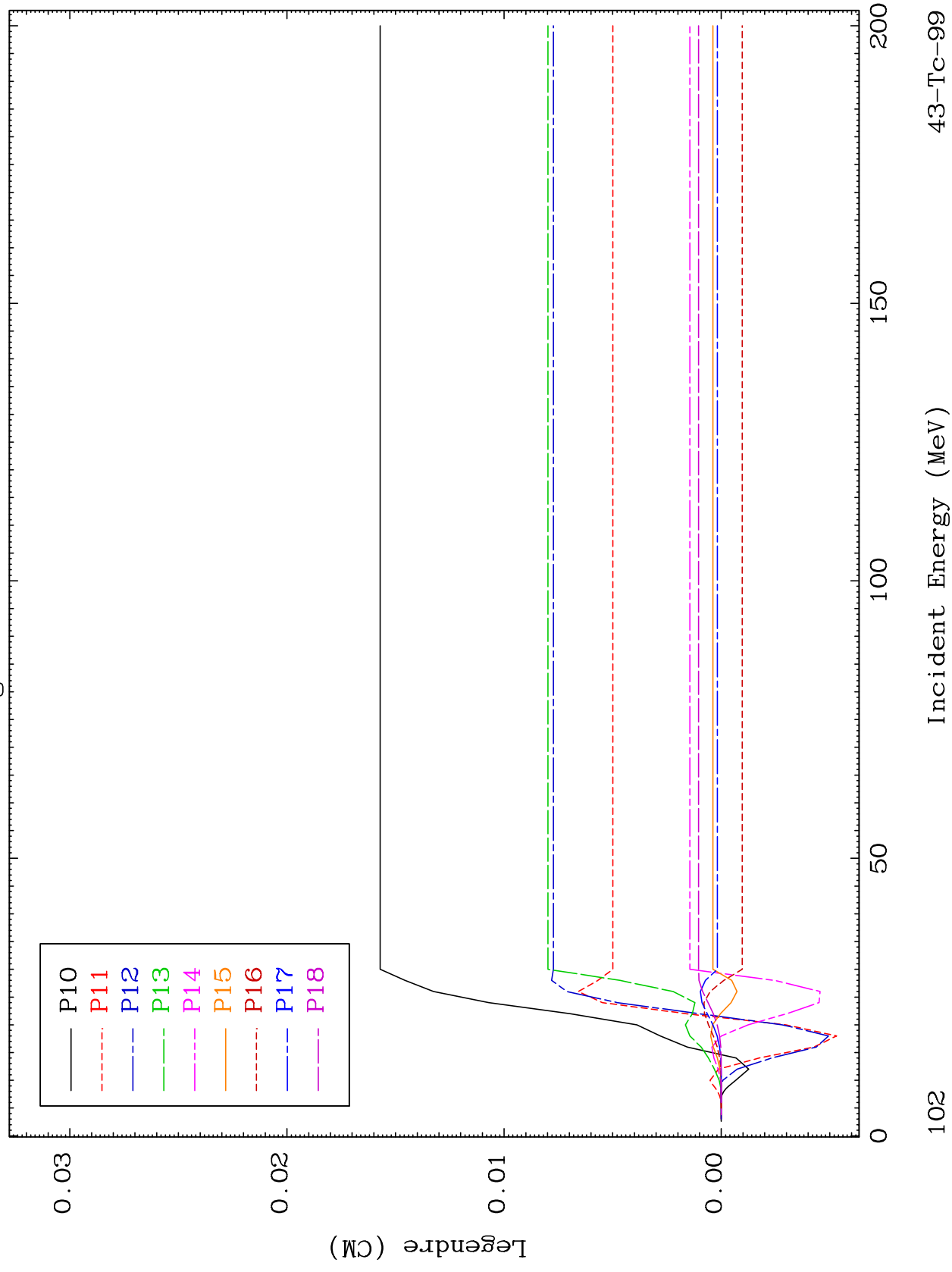
43-Tc-99

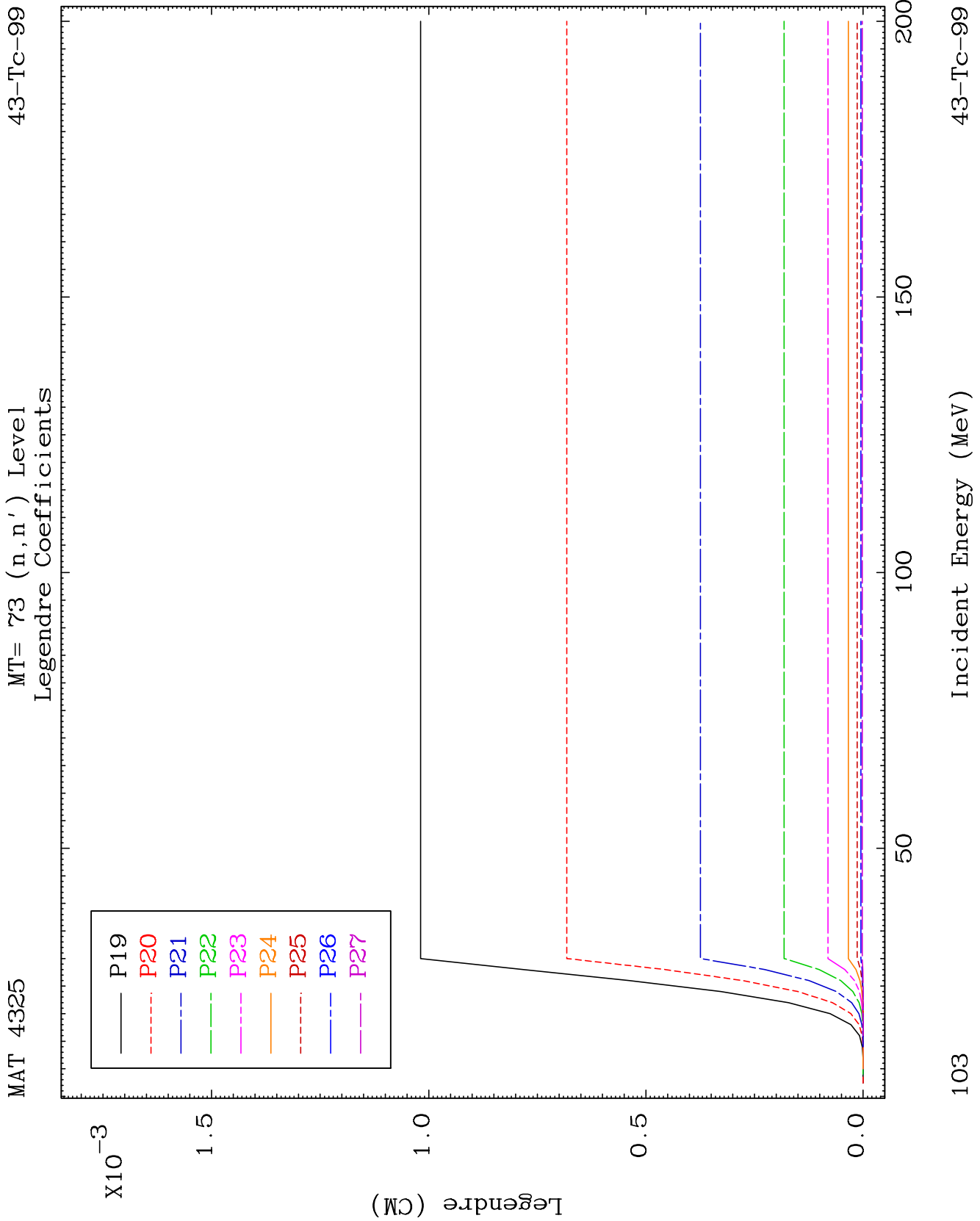


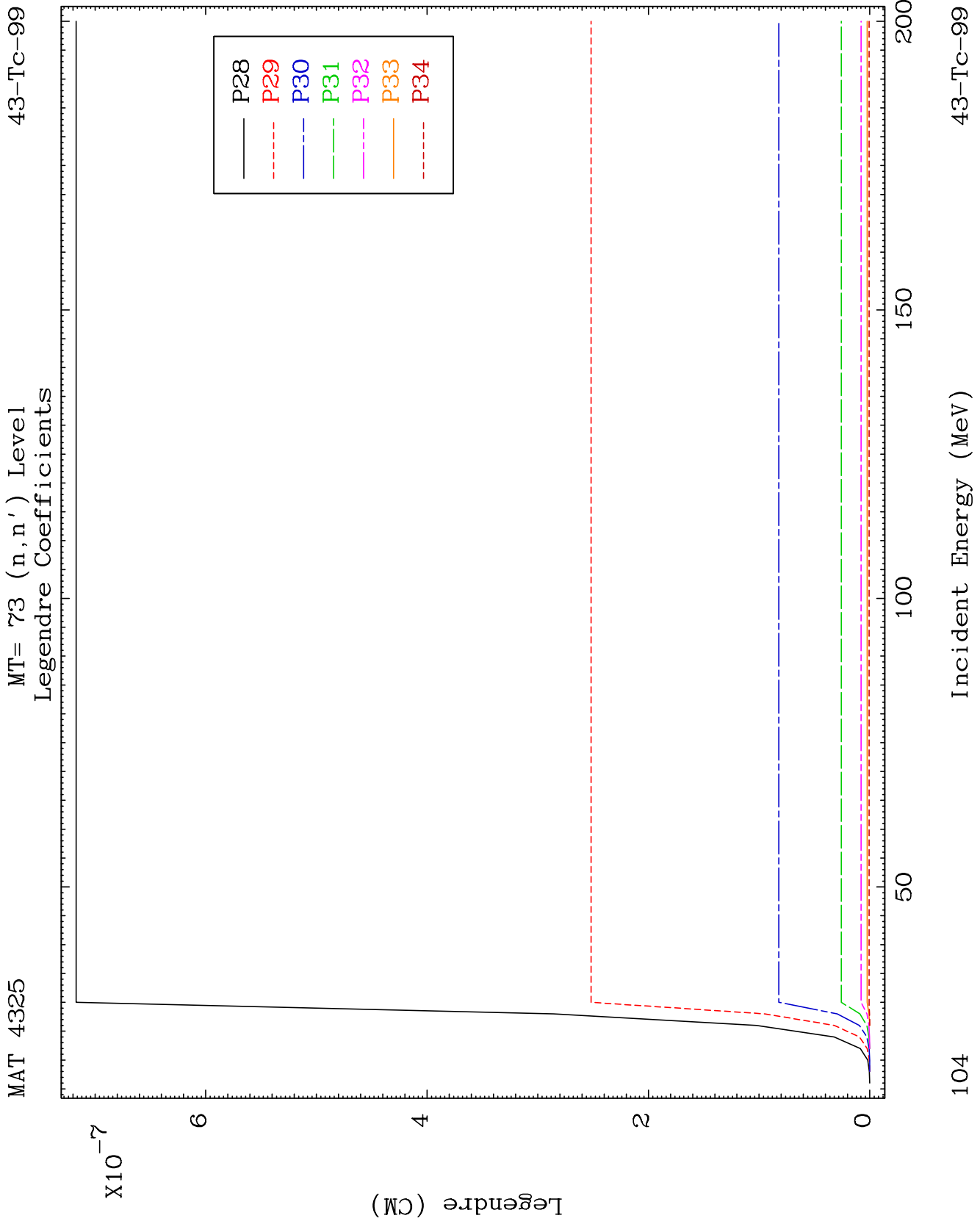
MAT 4325

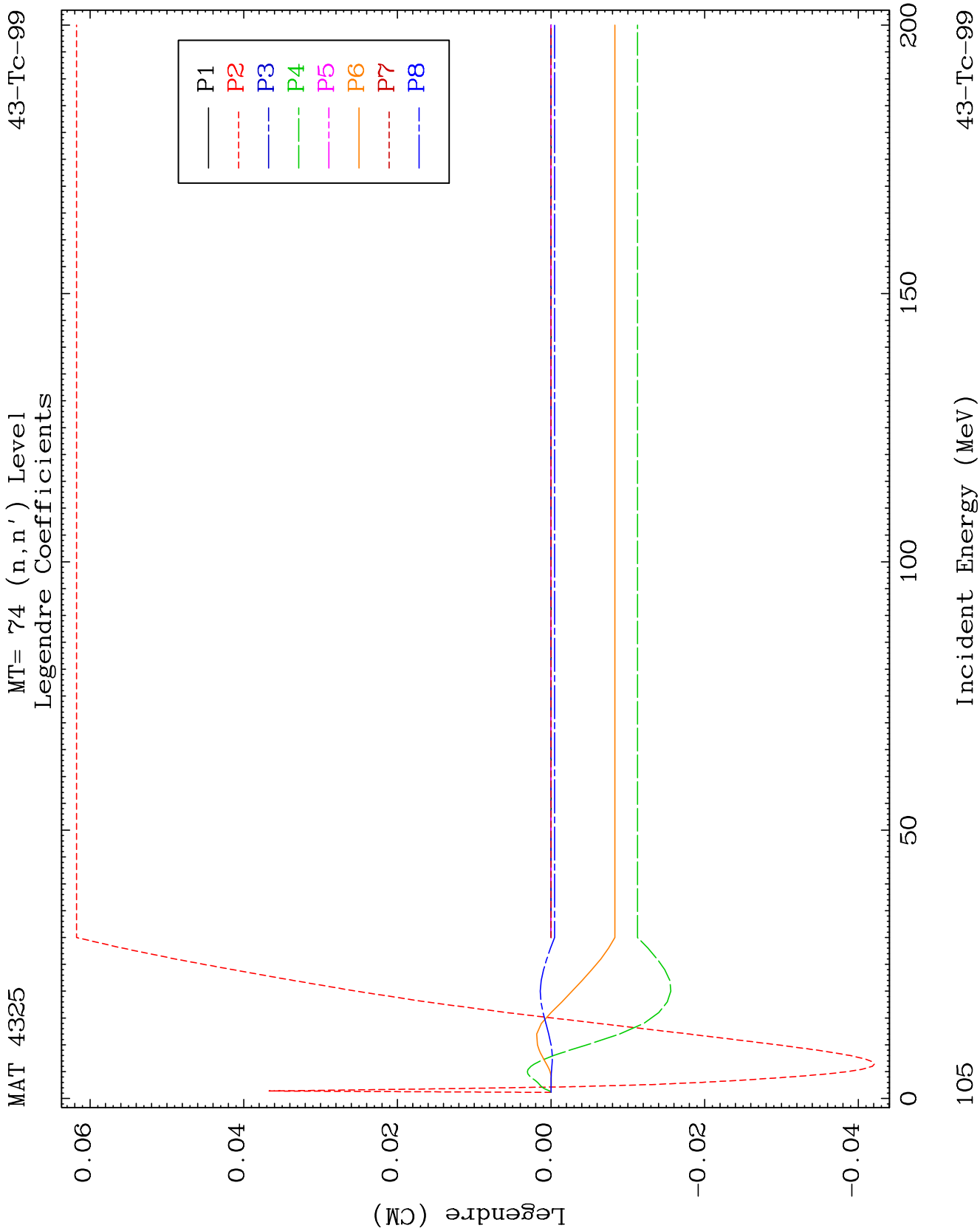
MT= 73 (n, n') Level
Legendre Coefficients

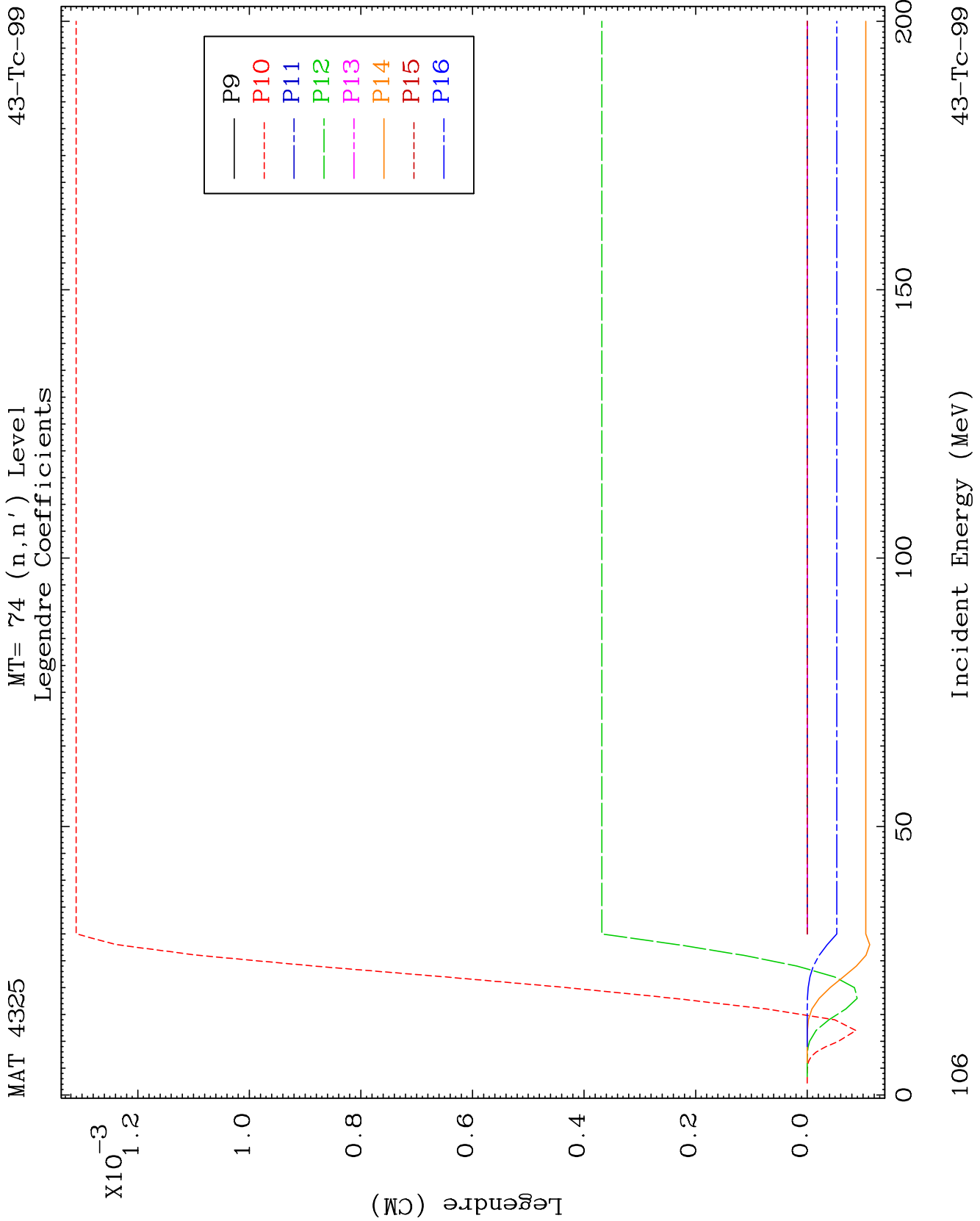
43-Tc-99

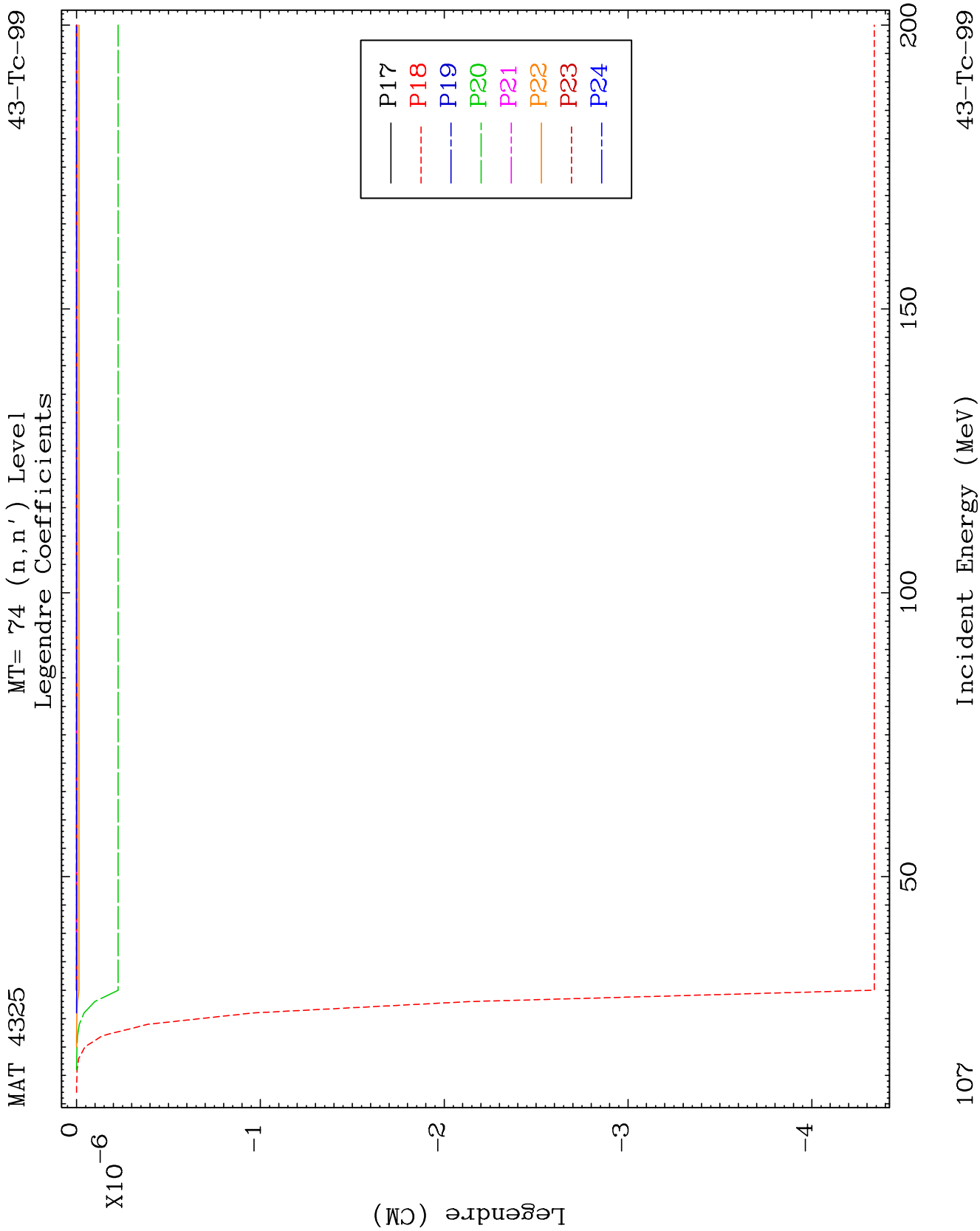


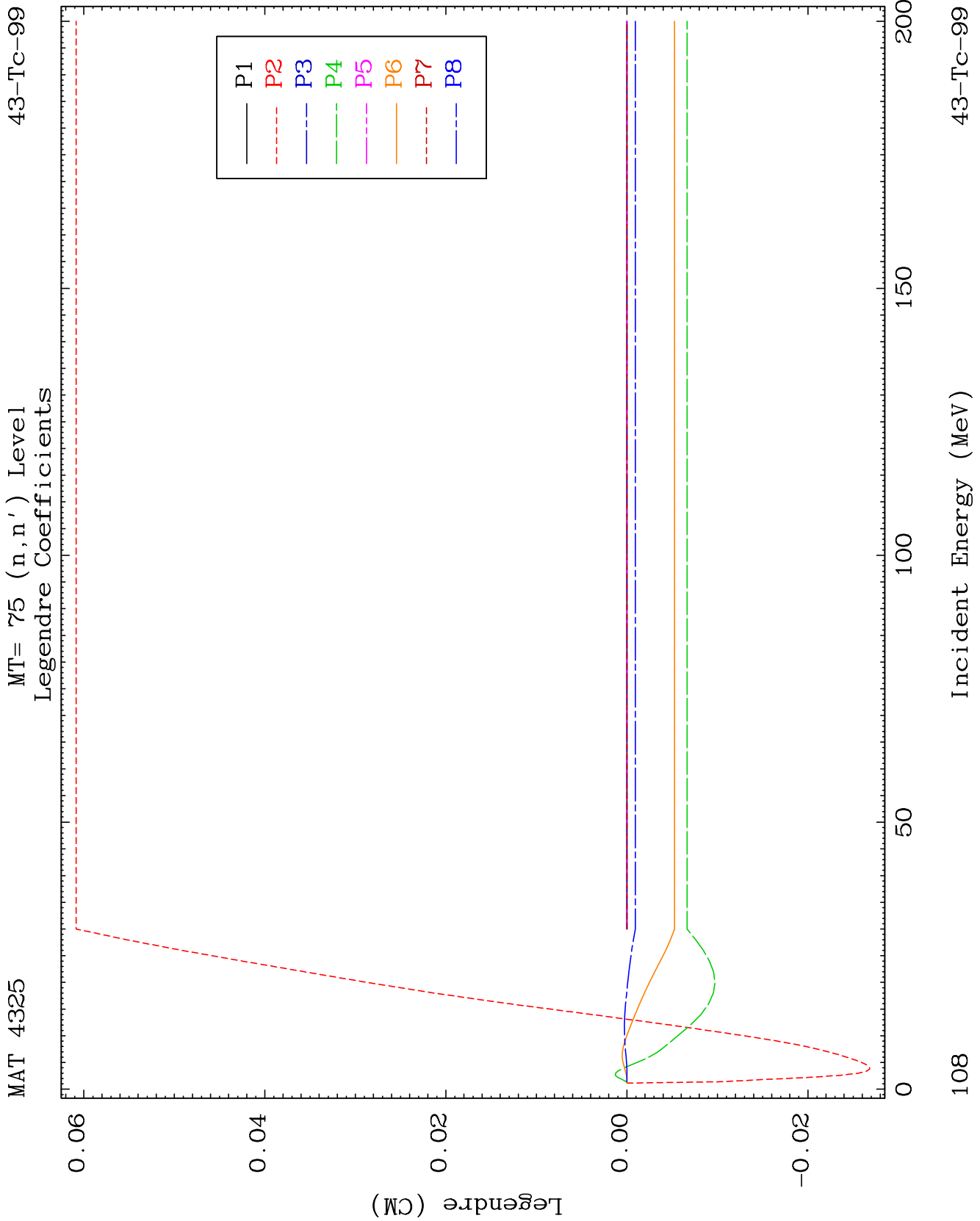


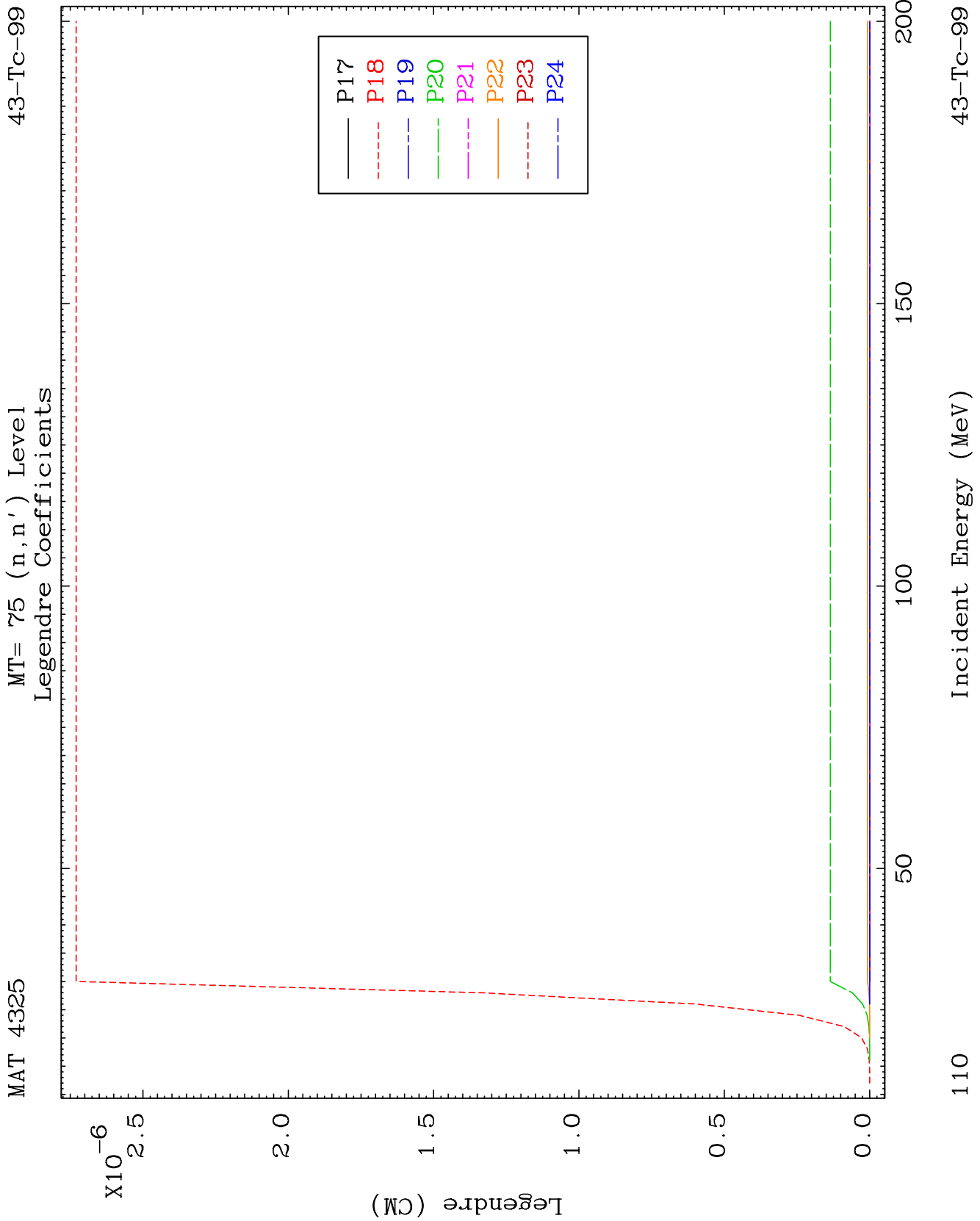


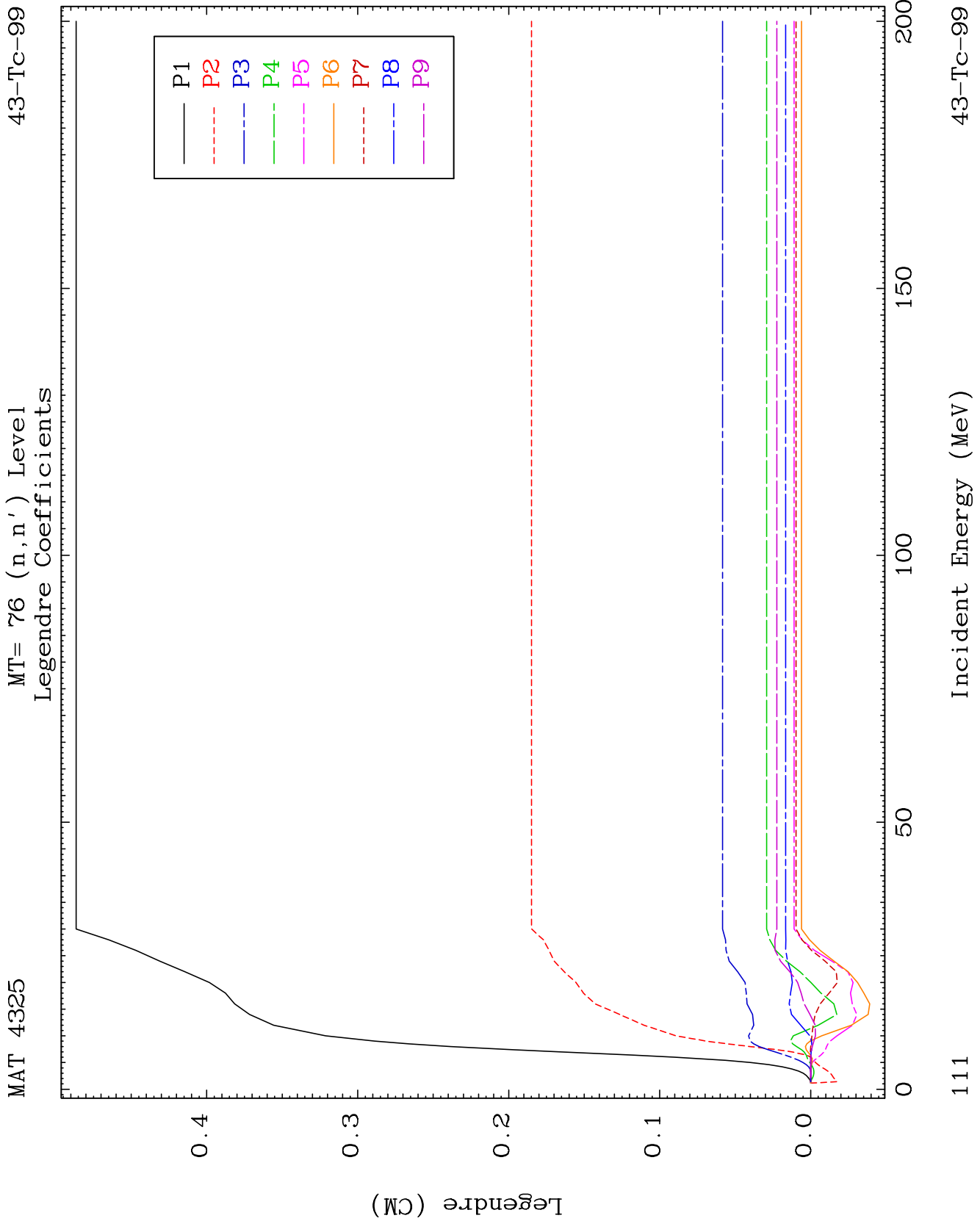








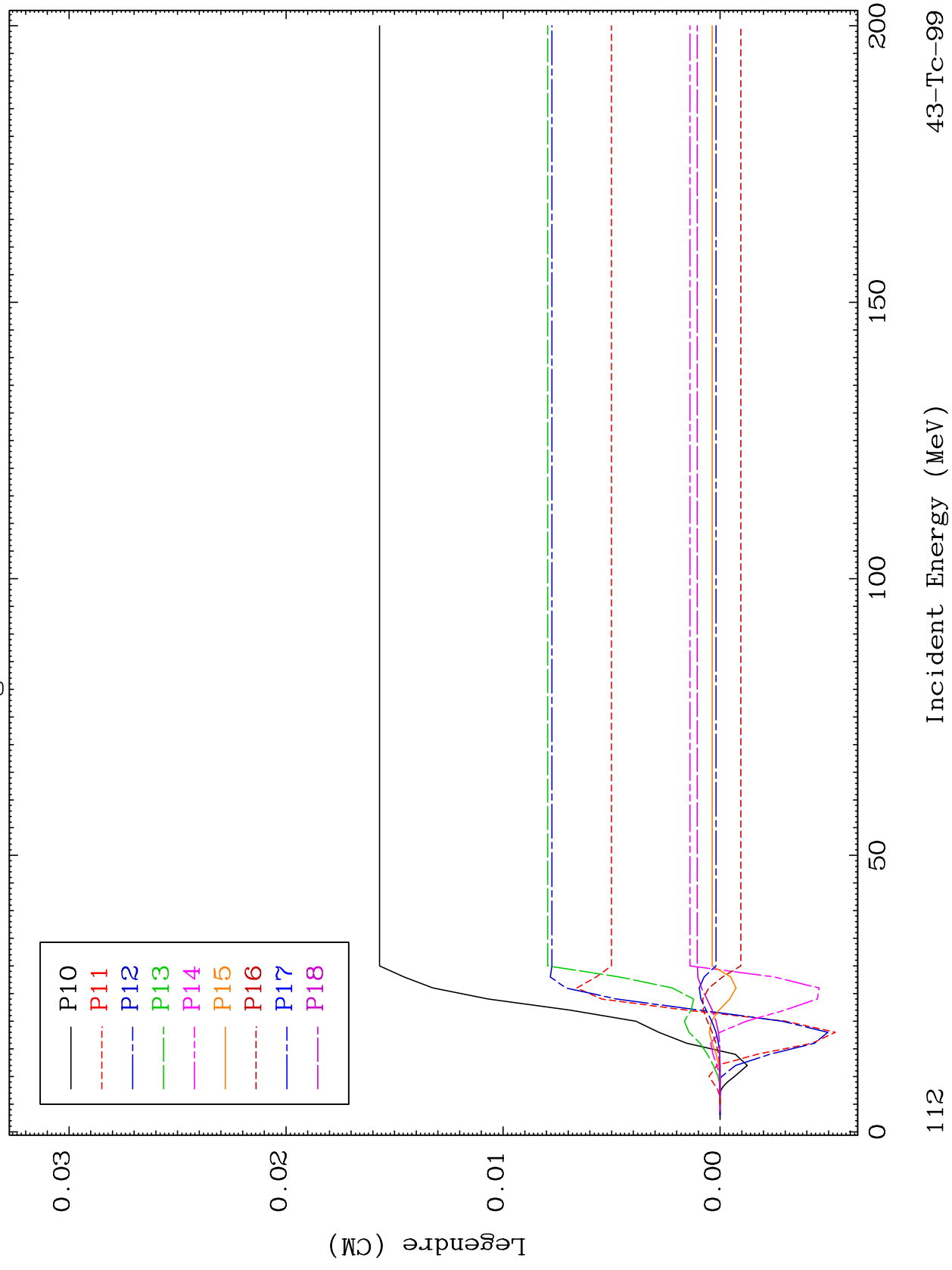




MAT 4325

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

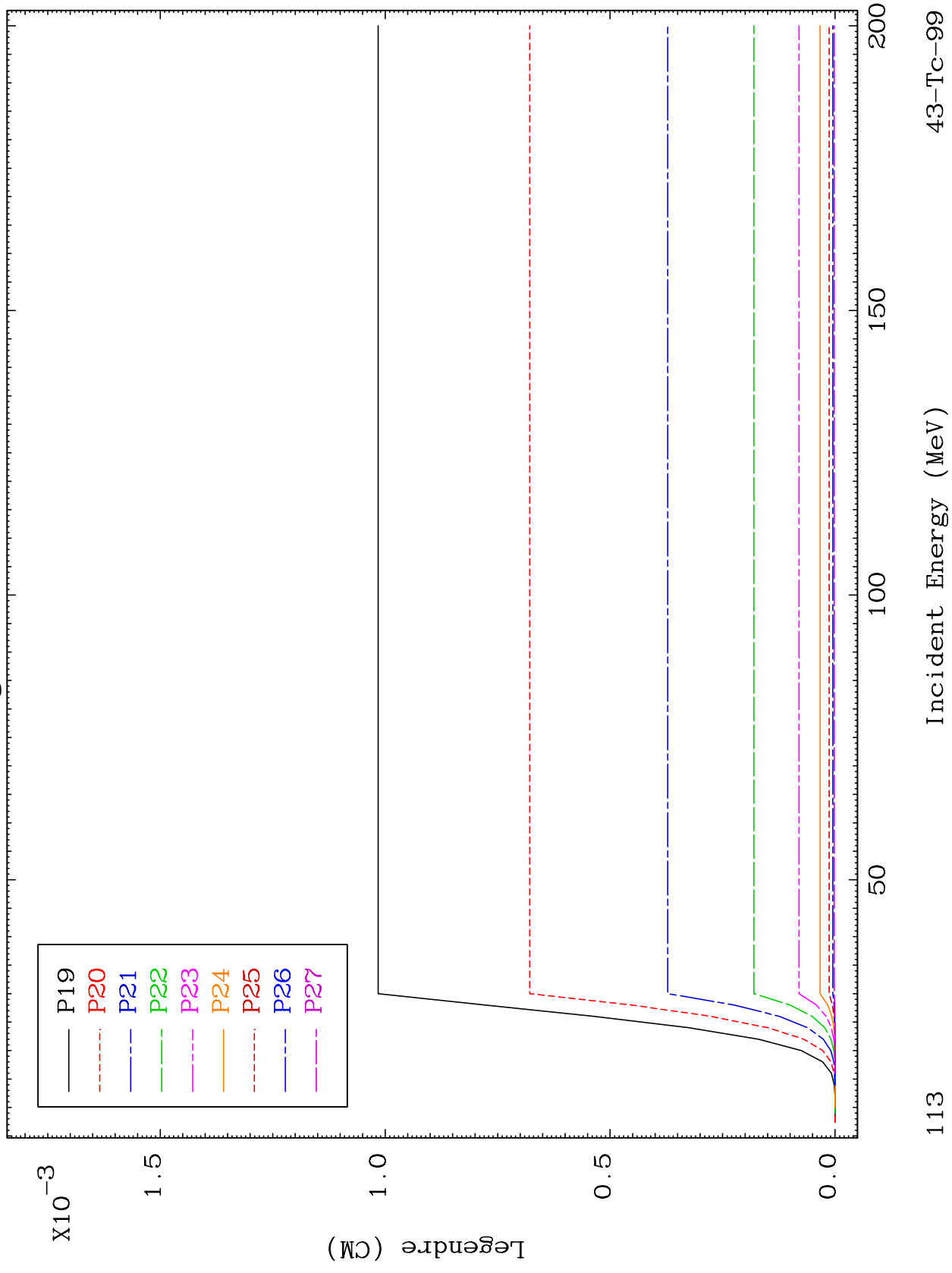
43-Tc-99

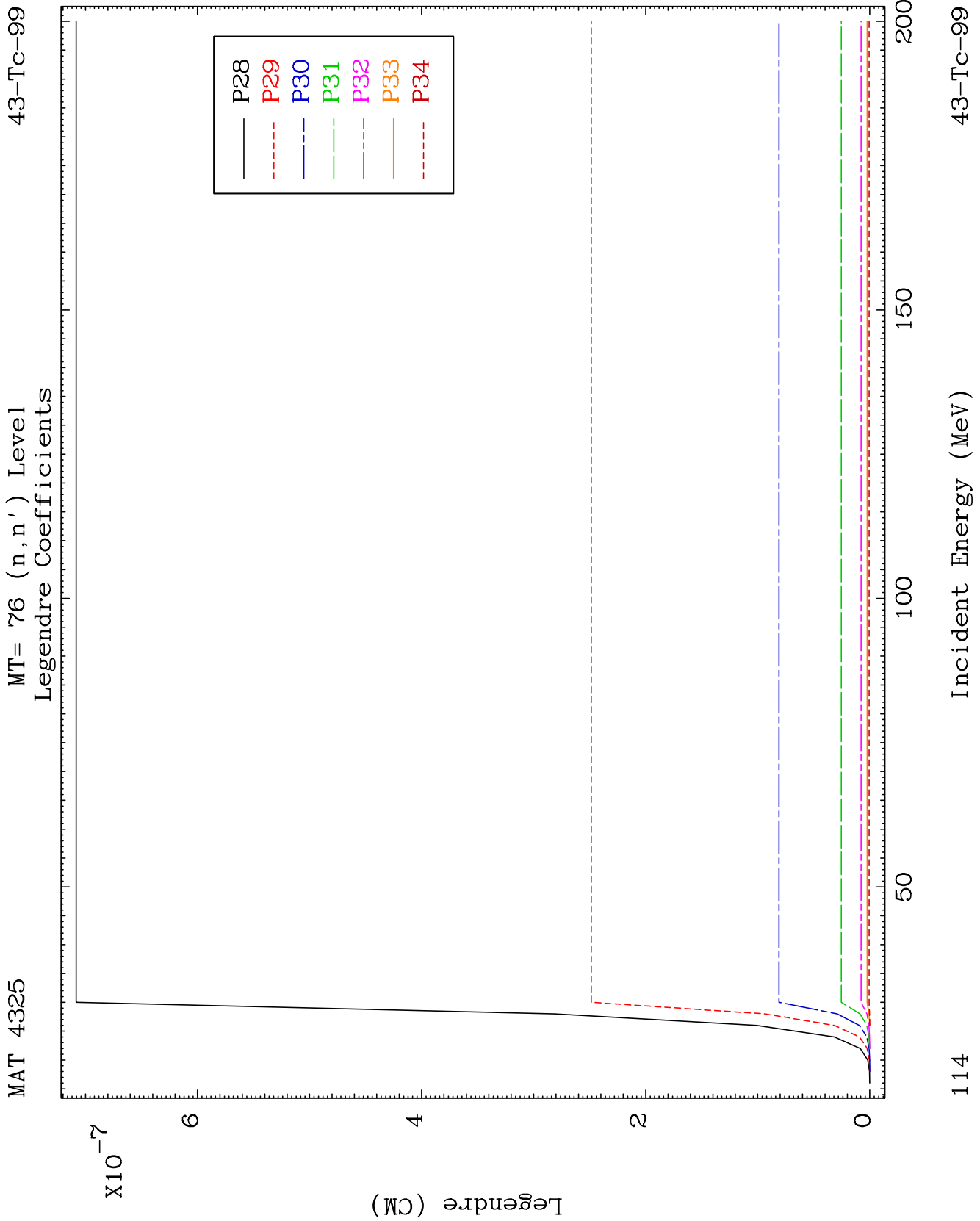


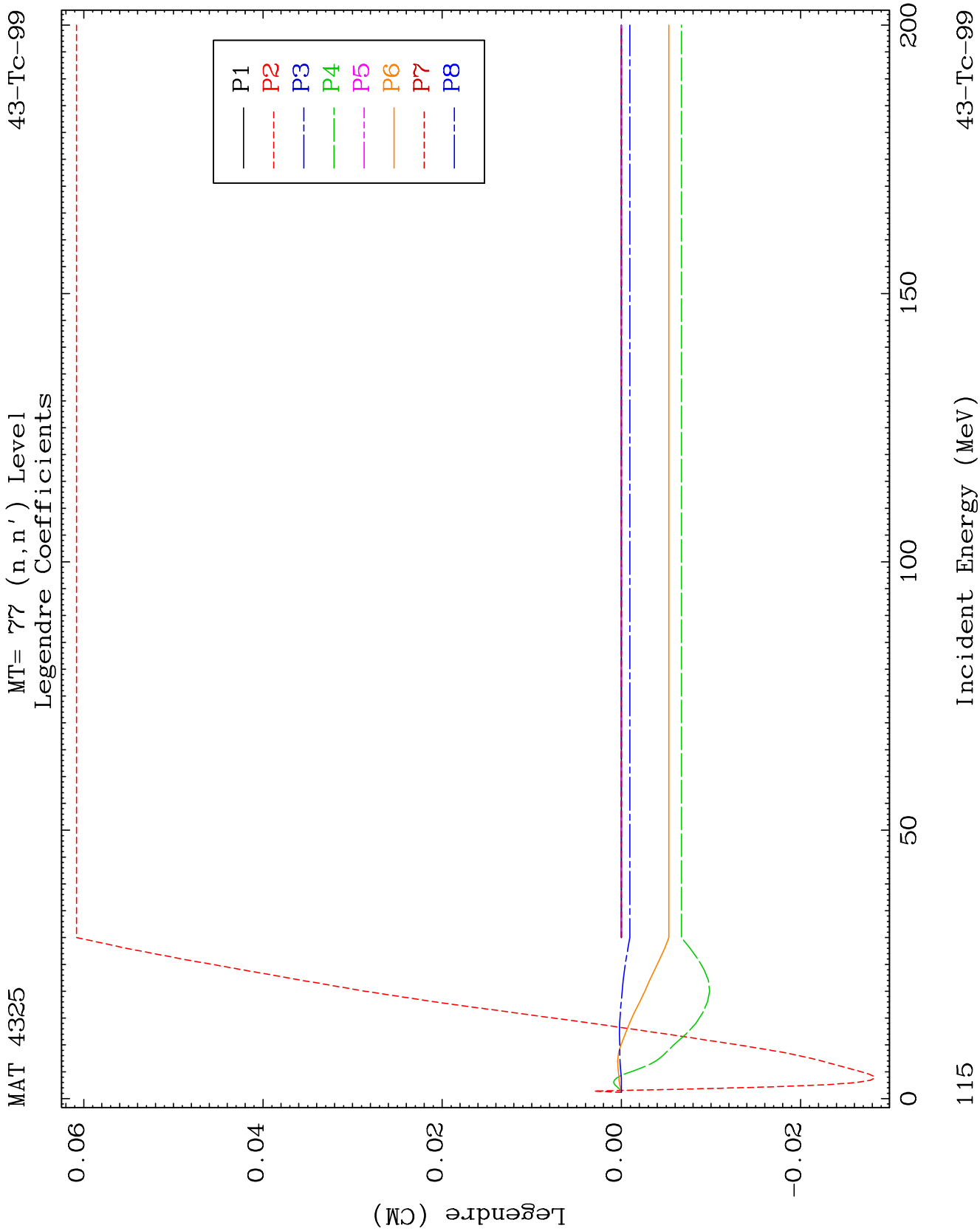
MAT 4325

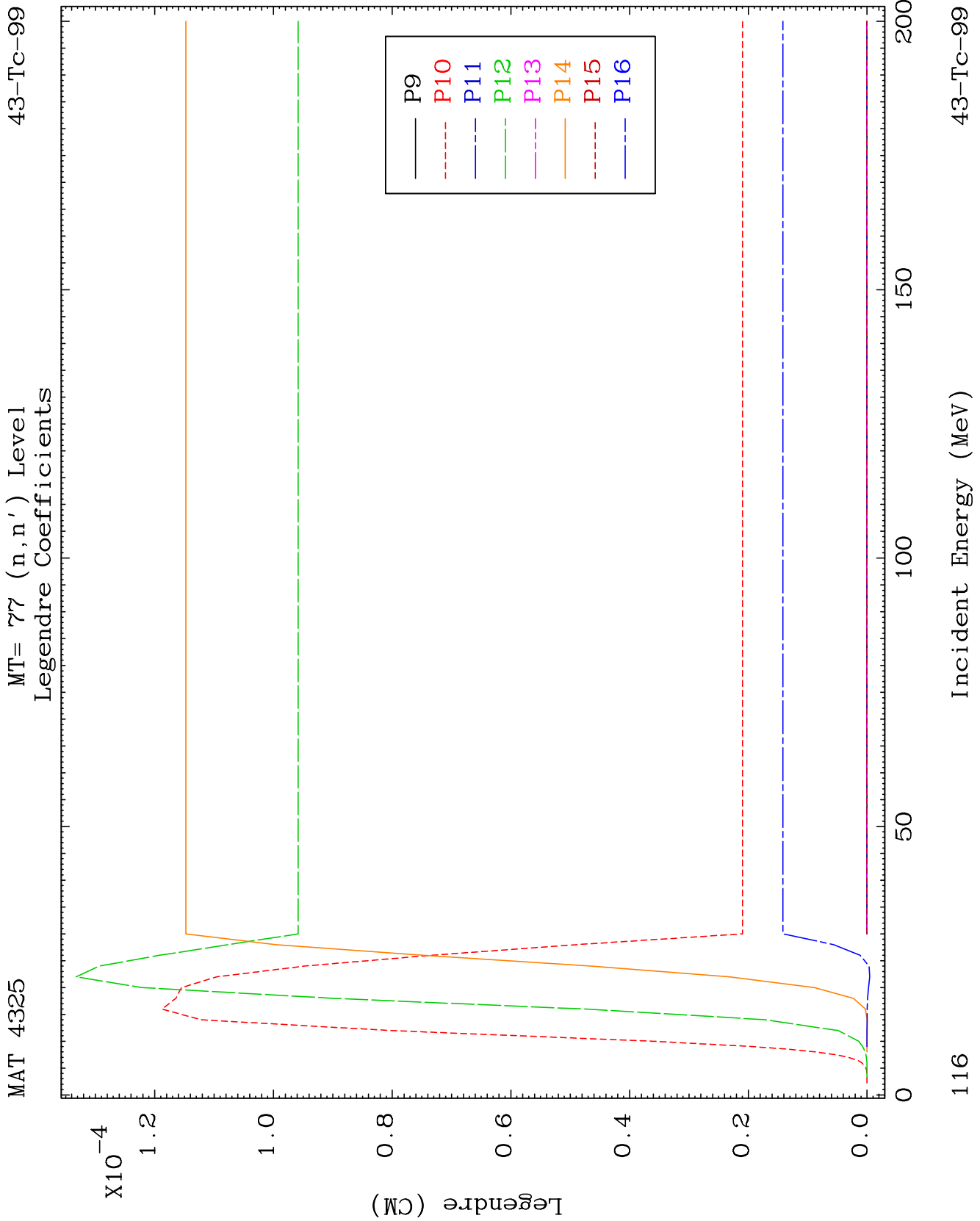
MT= 76 (n, n') Level
Legendre Coefficients

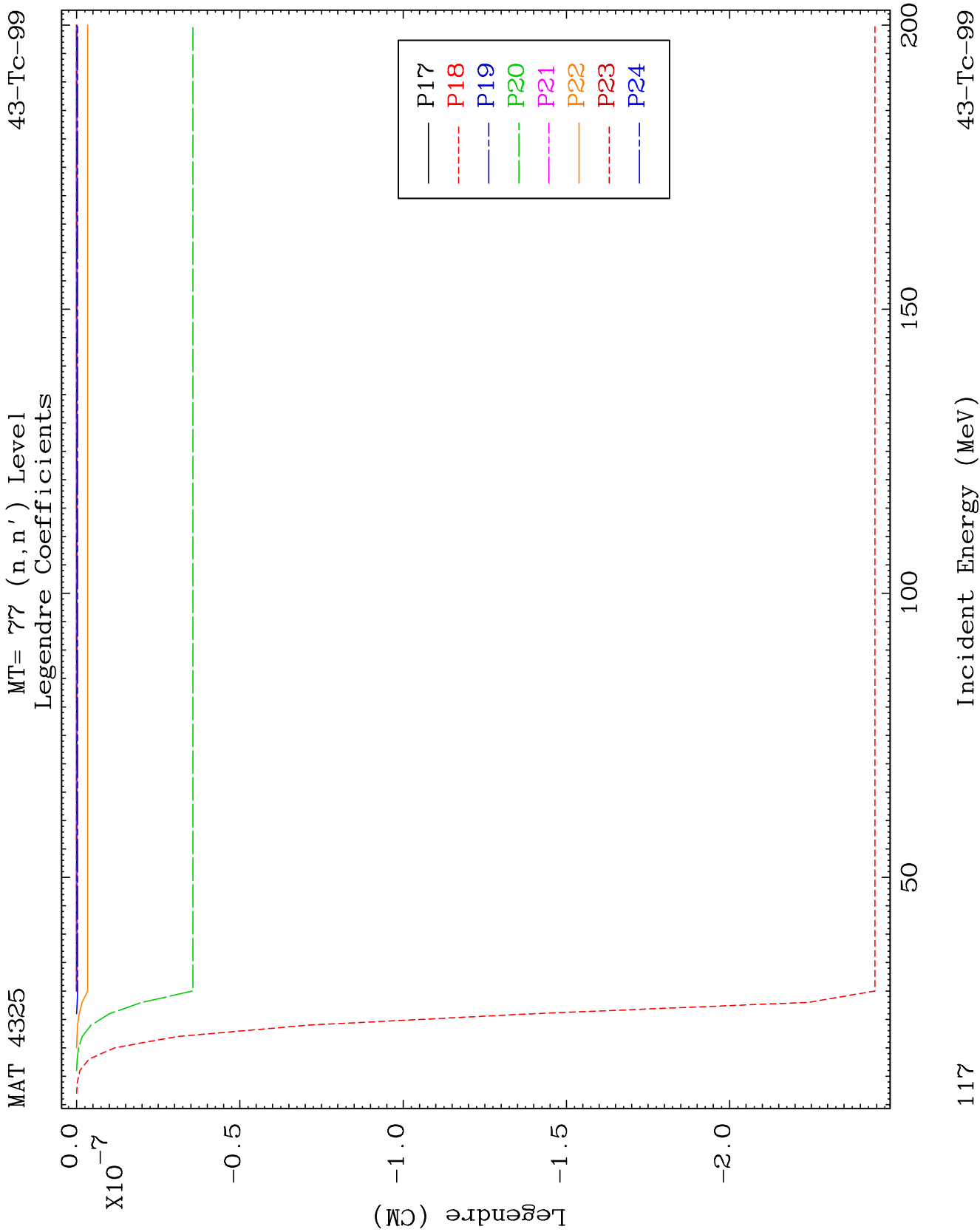
43-Tc-99

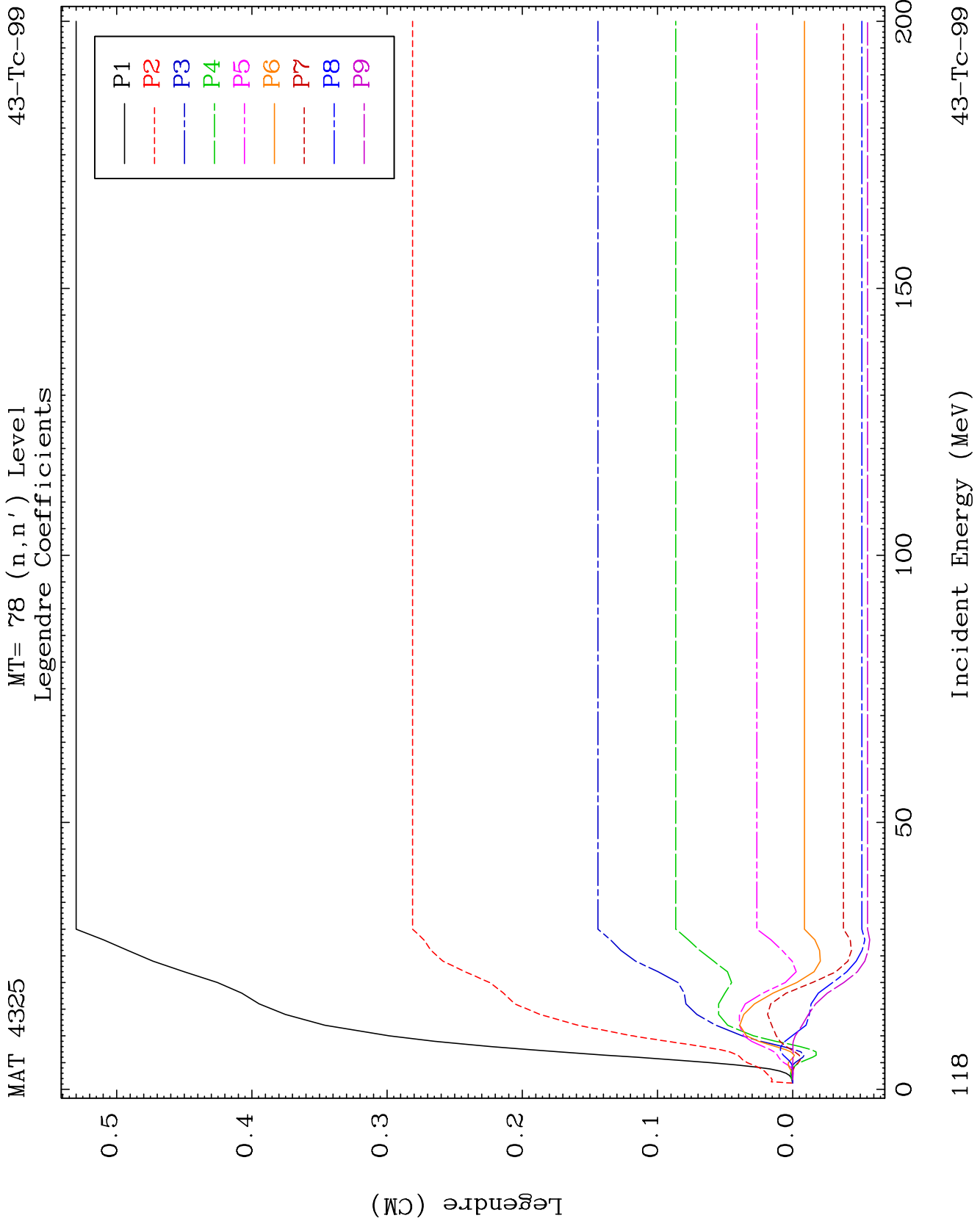


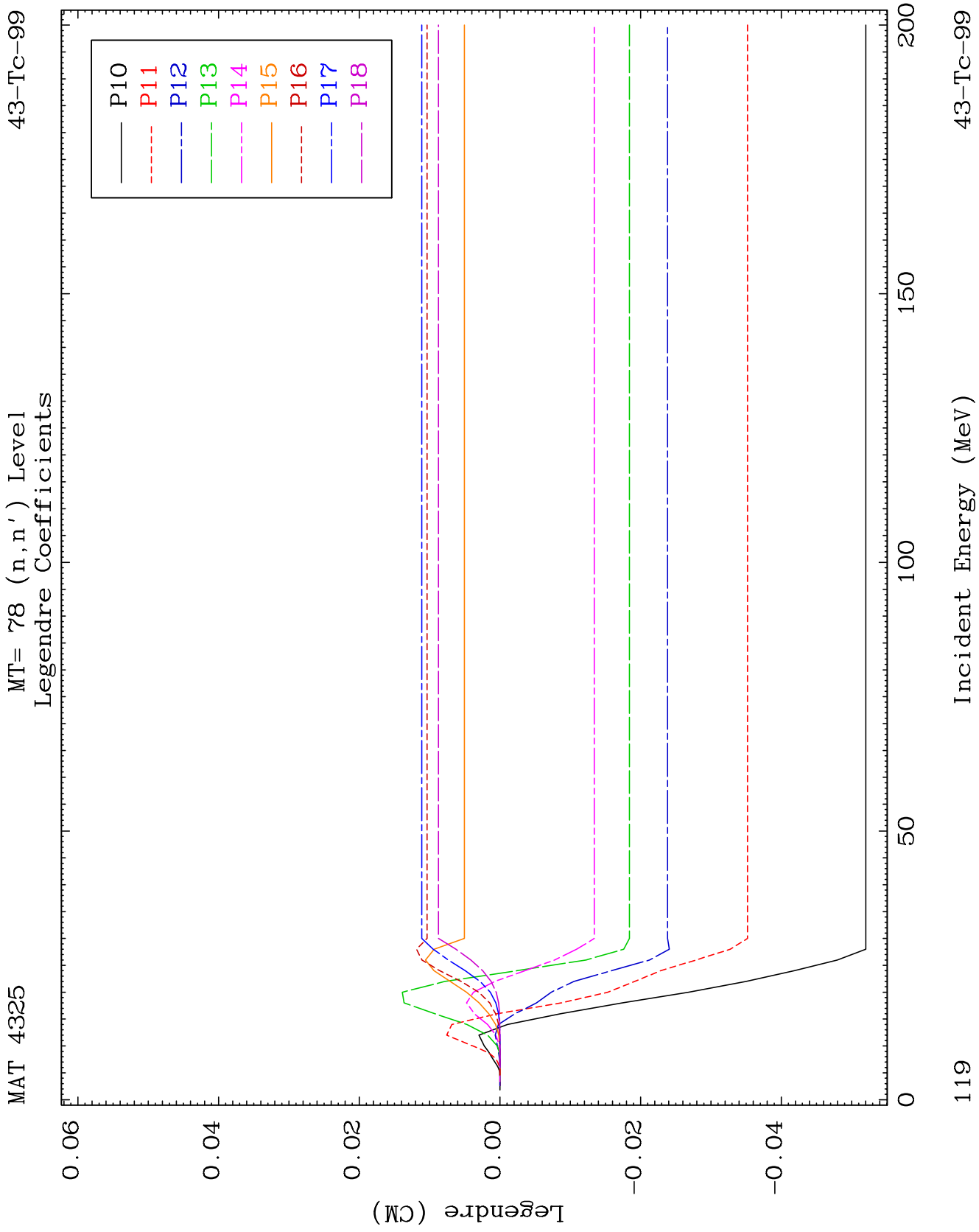


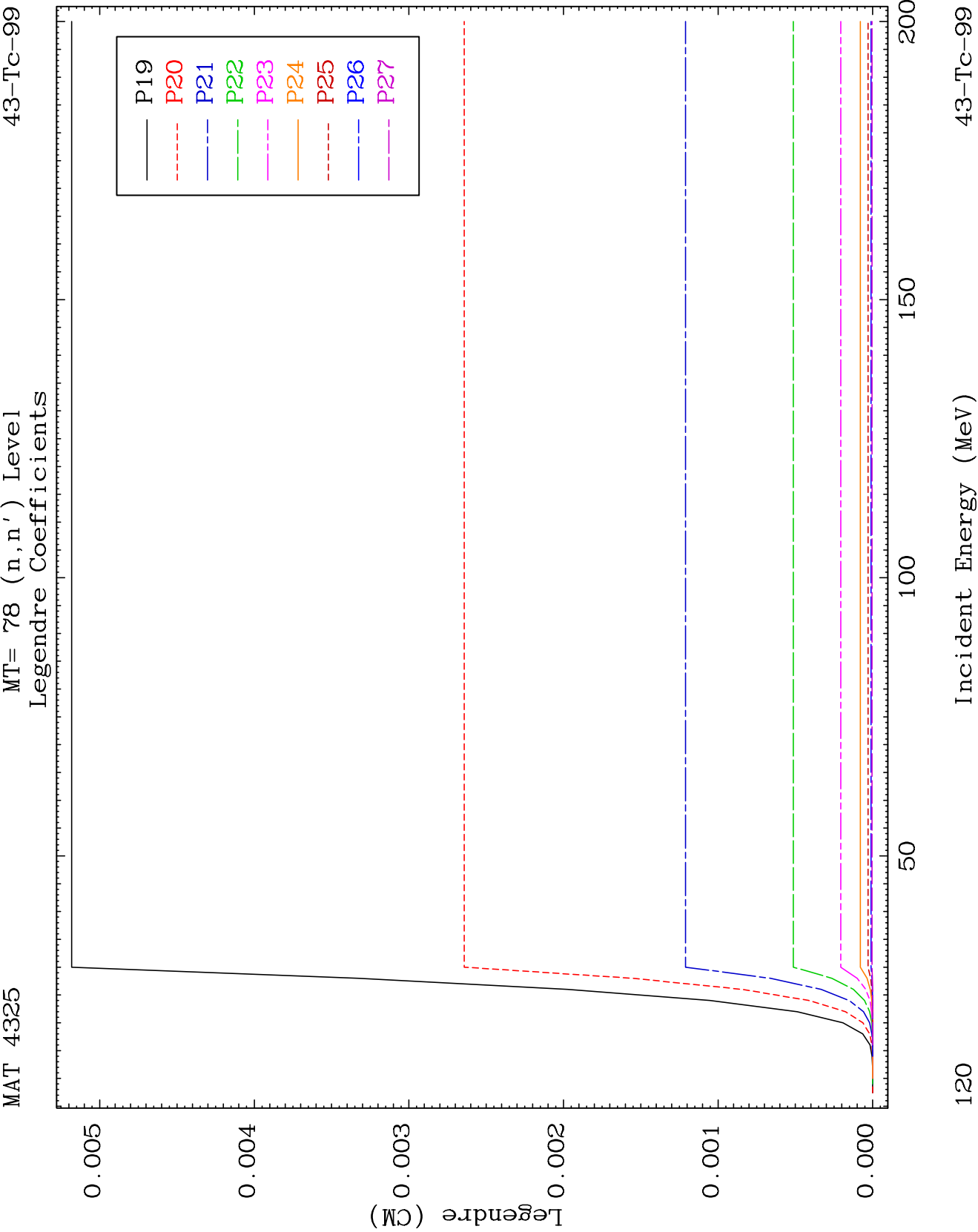


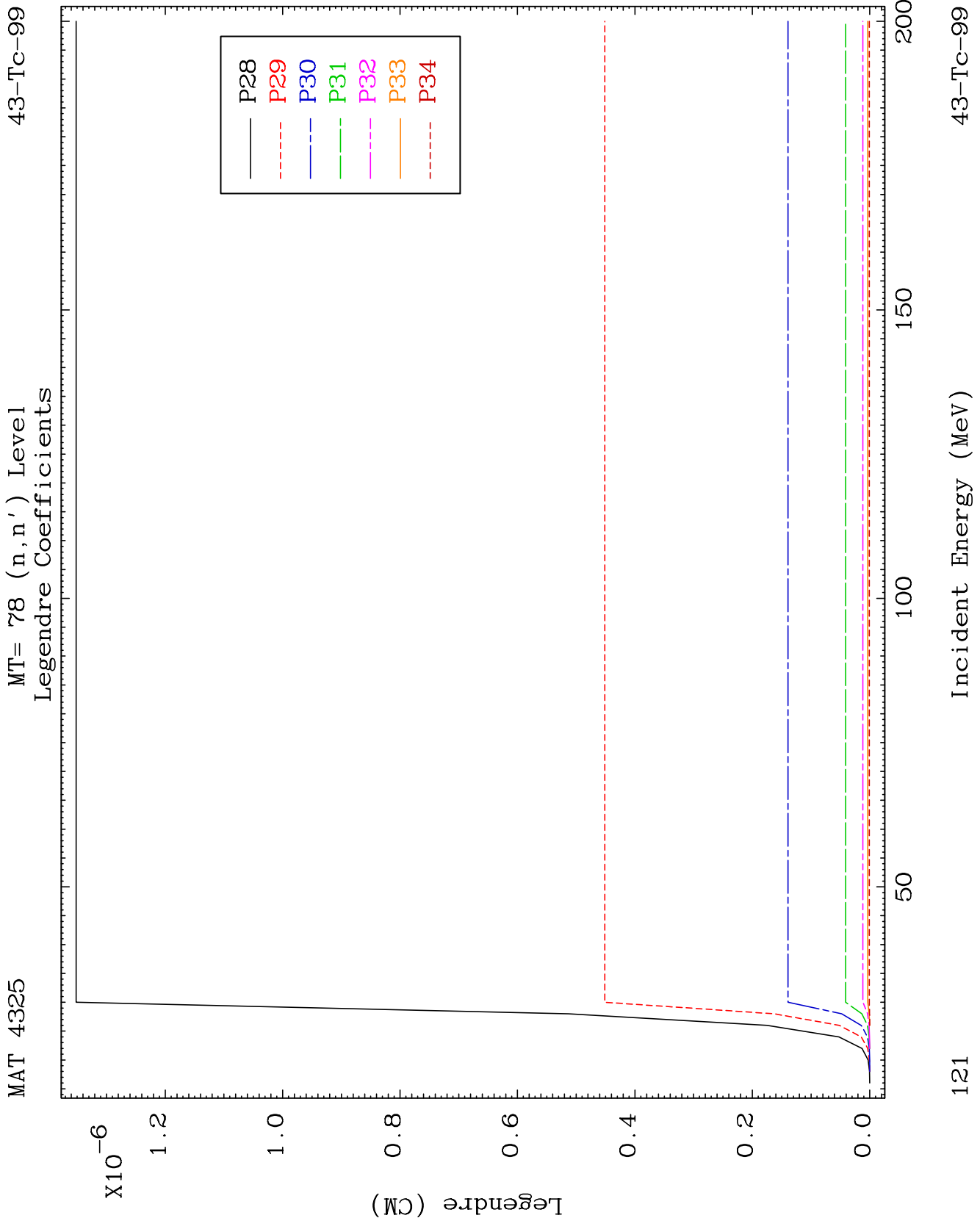








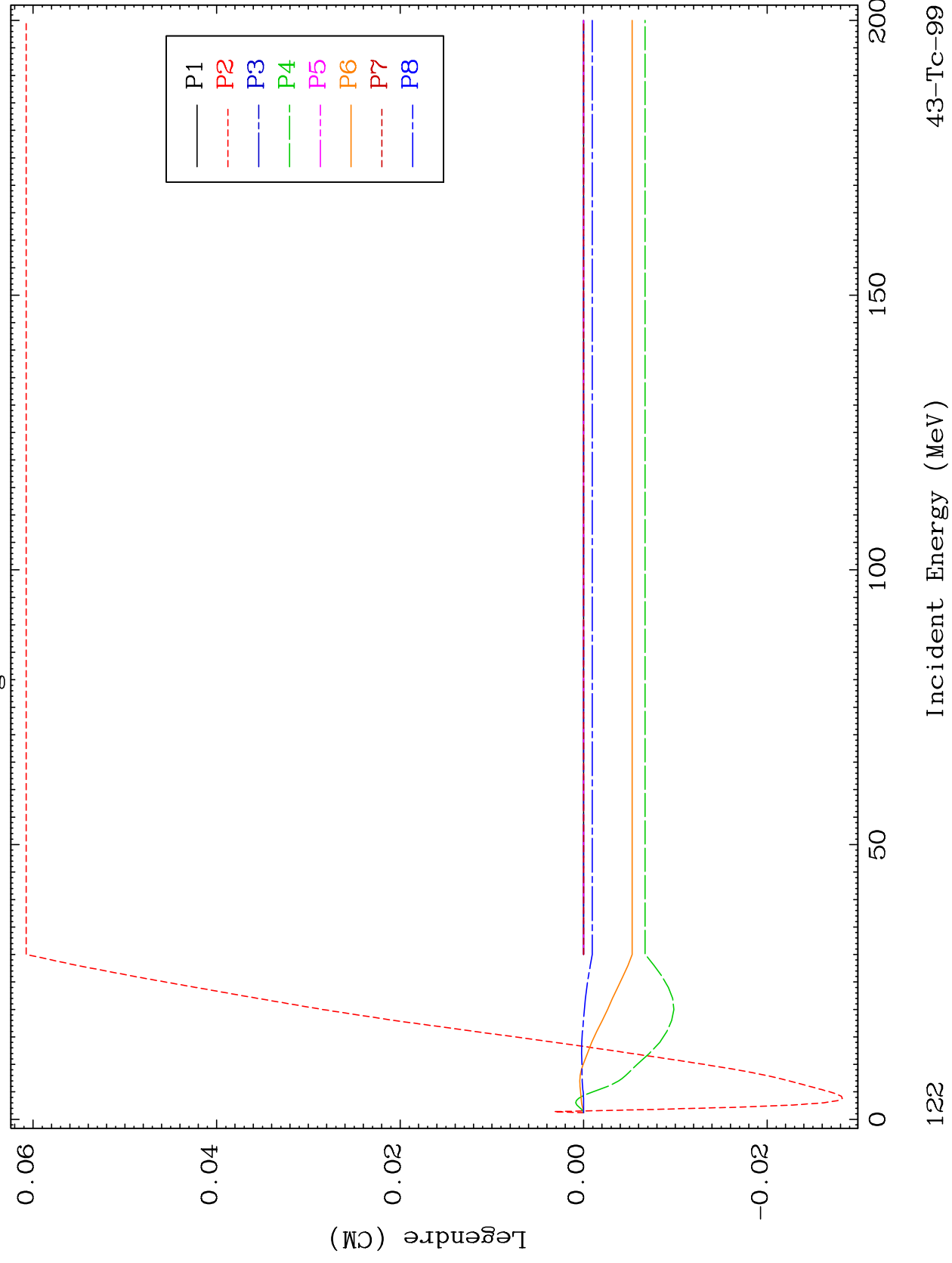




MAT 4325

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

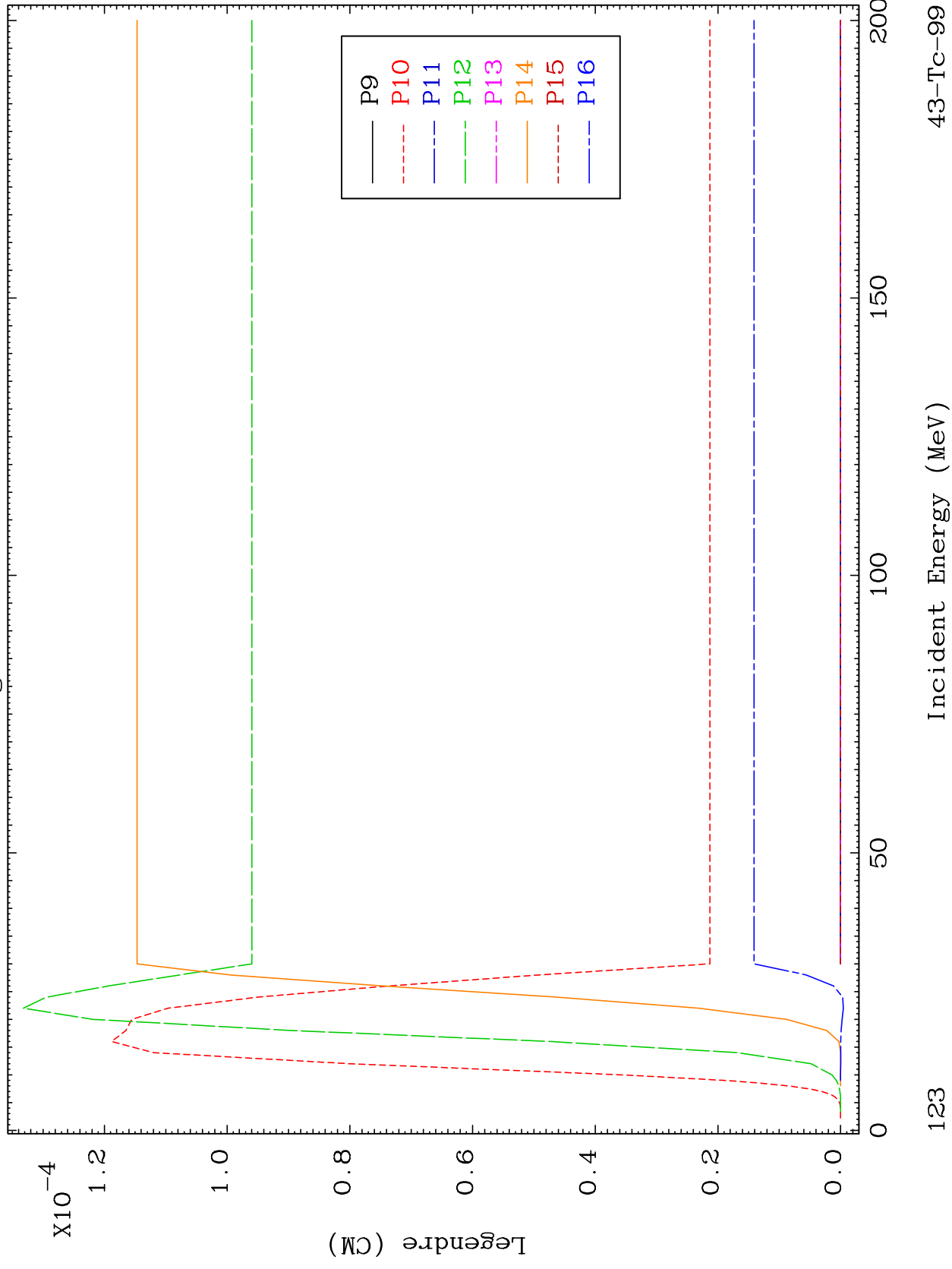
43-Tc-99

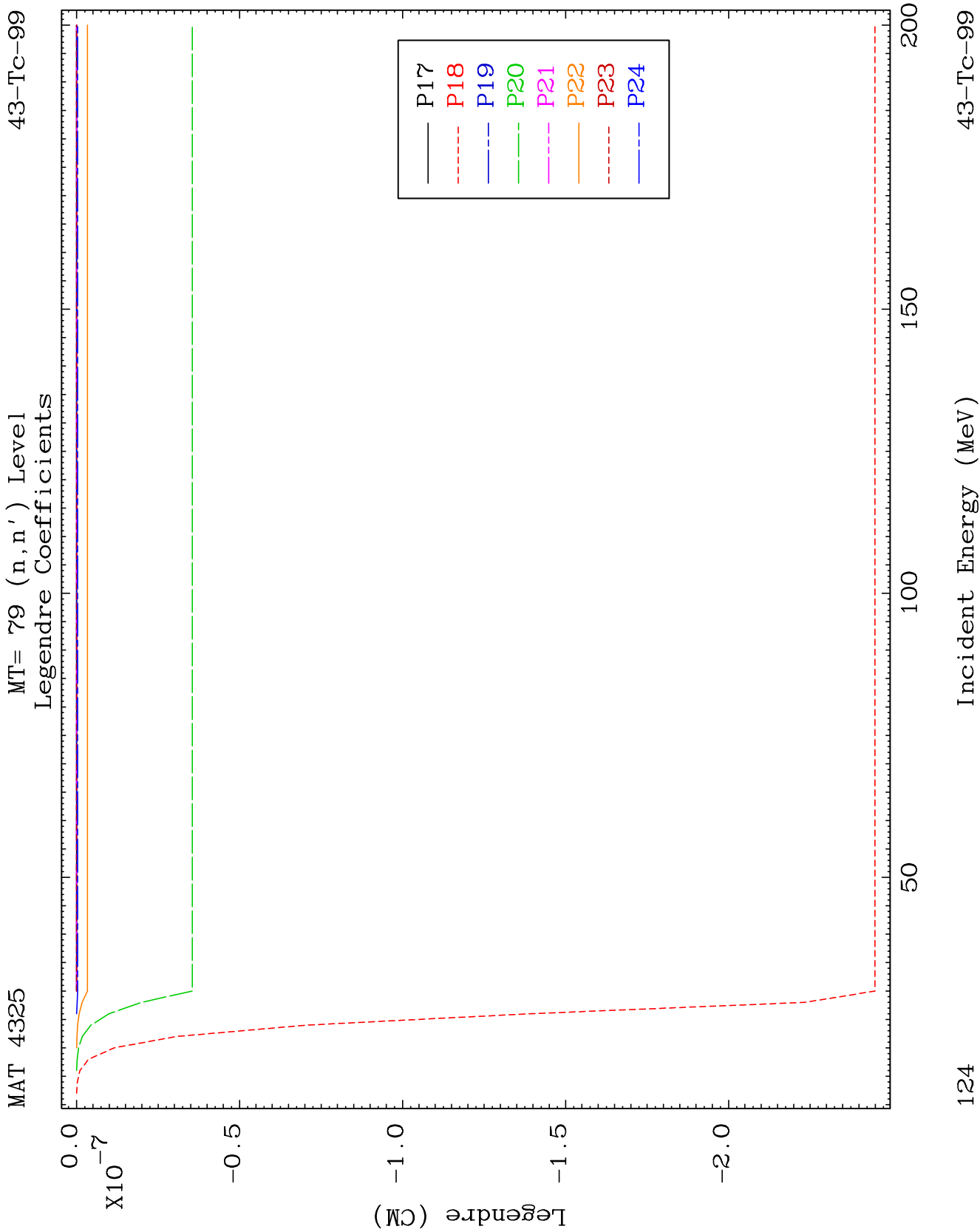


MAT 4325

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

43-Tc-99

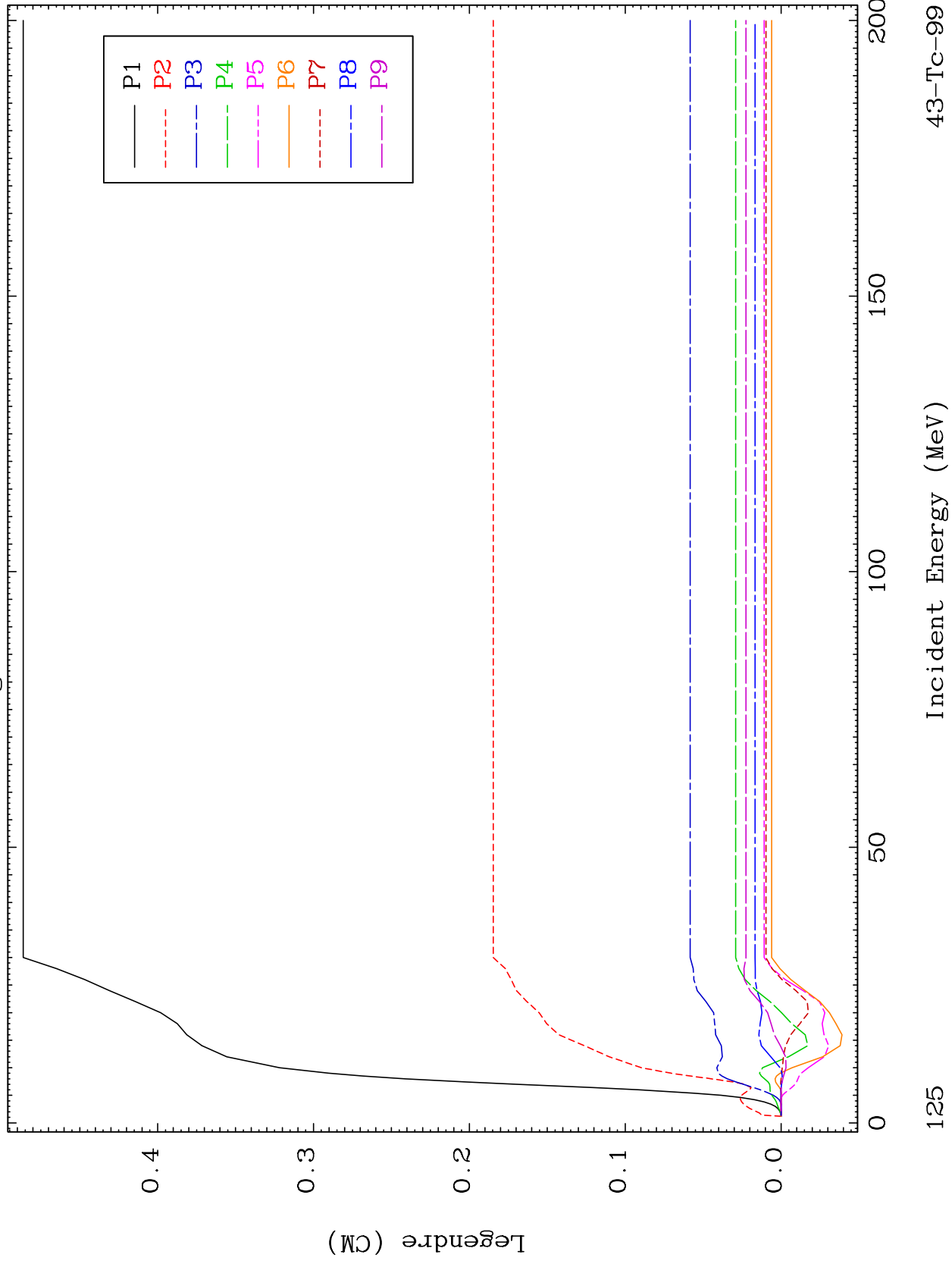




MAT 4325

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

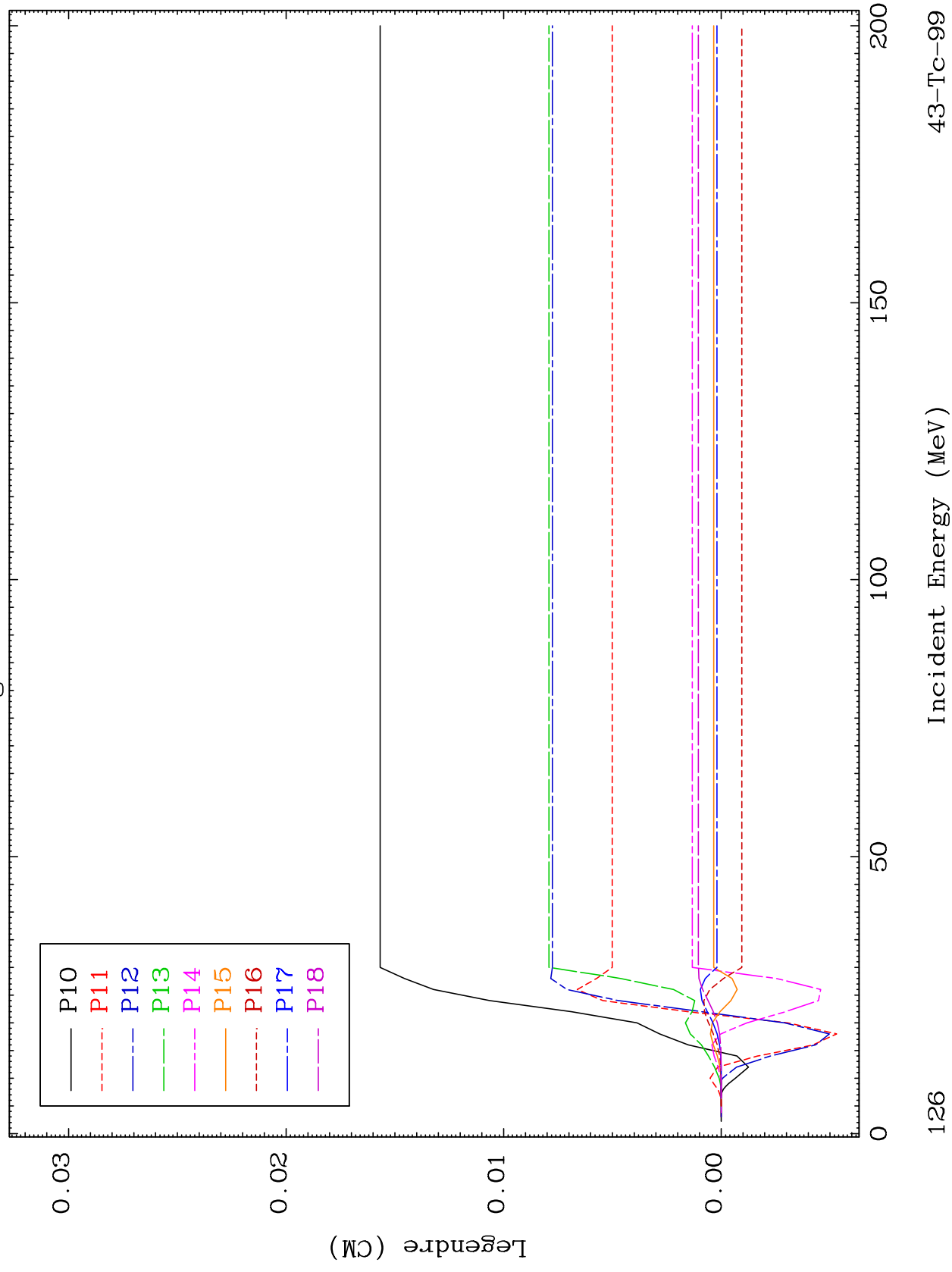
43-Tc-99

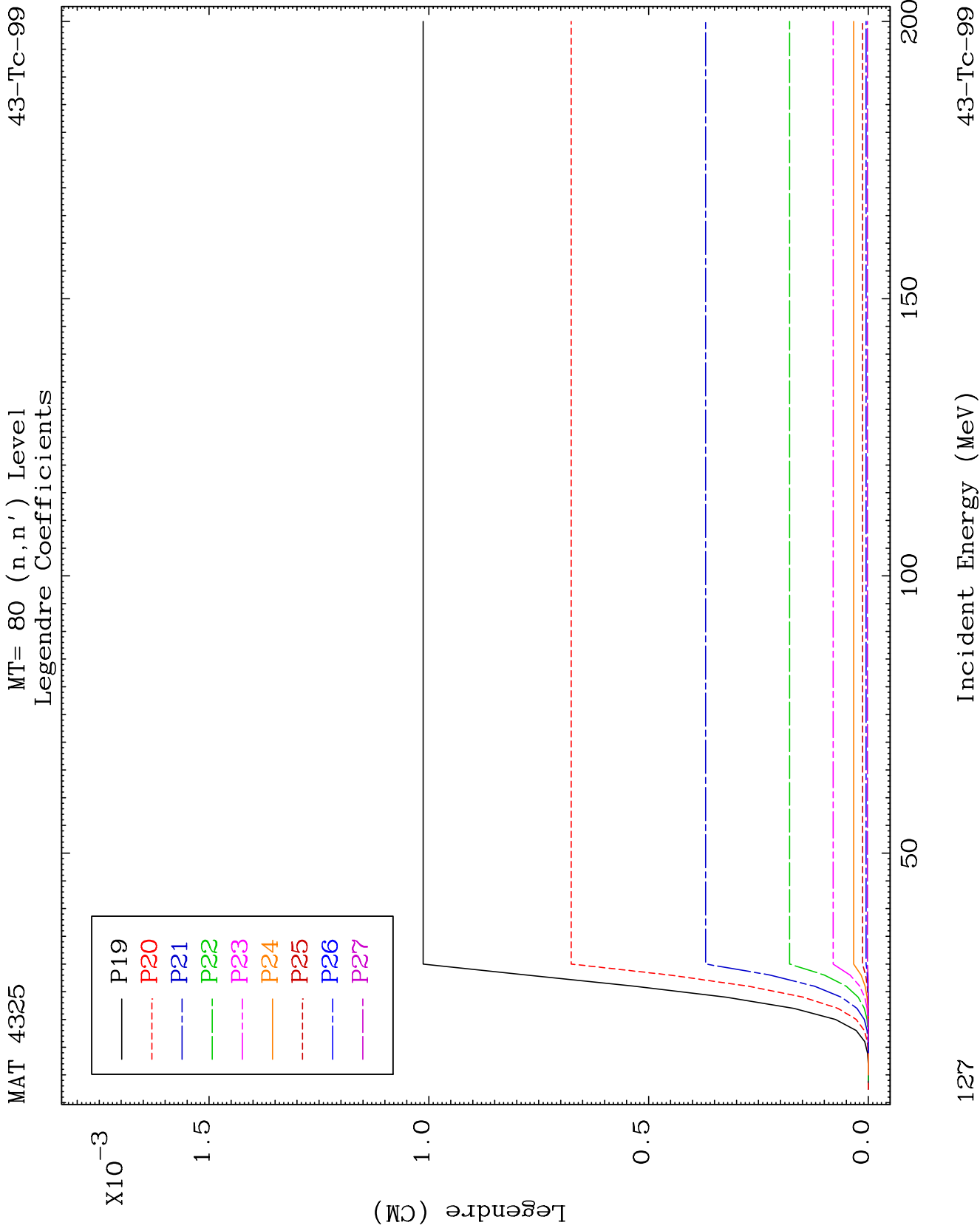


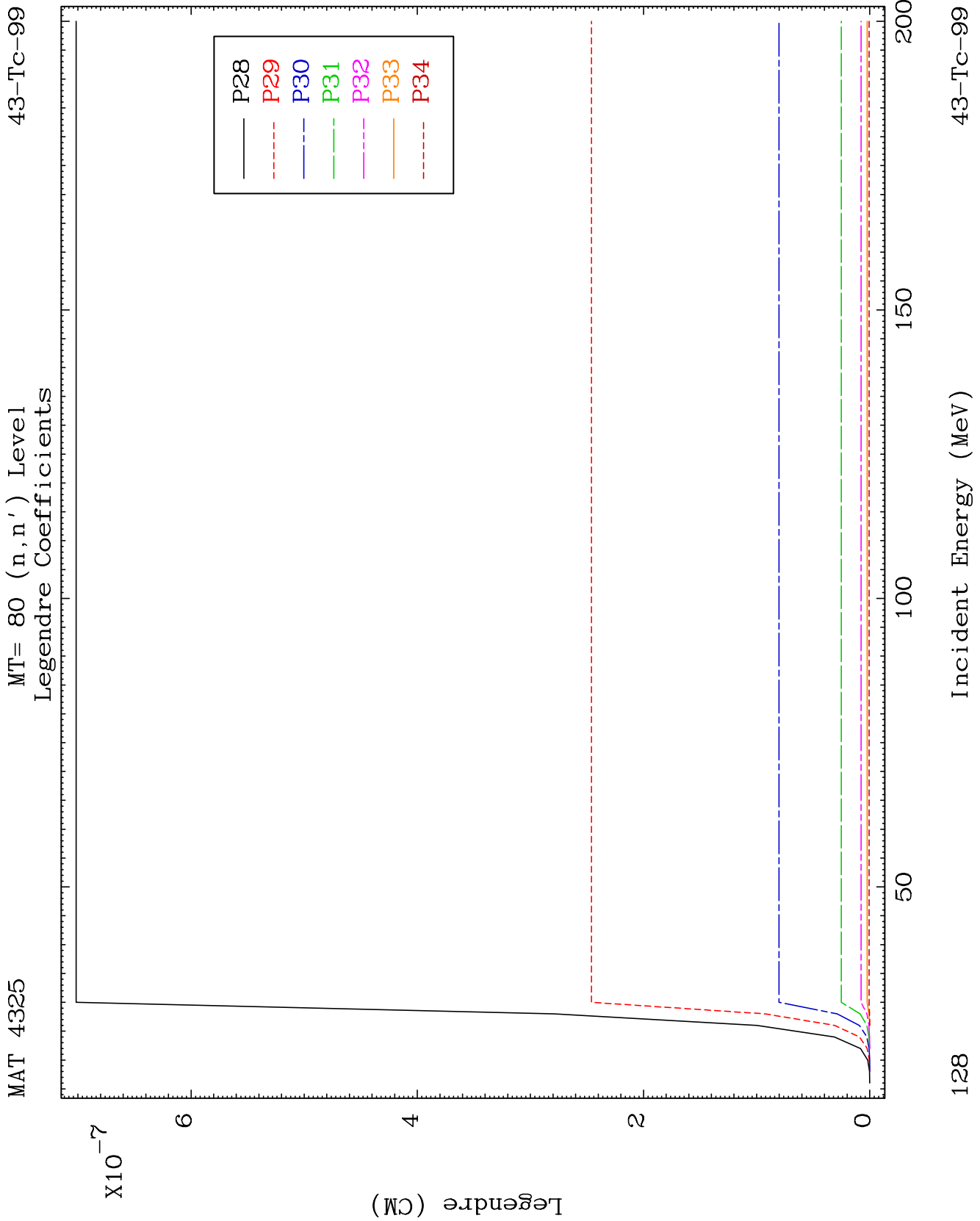
MAT 4325

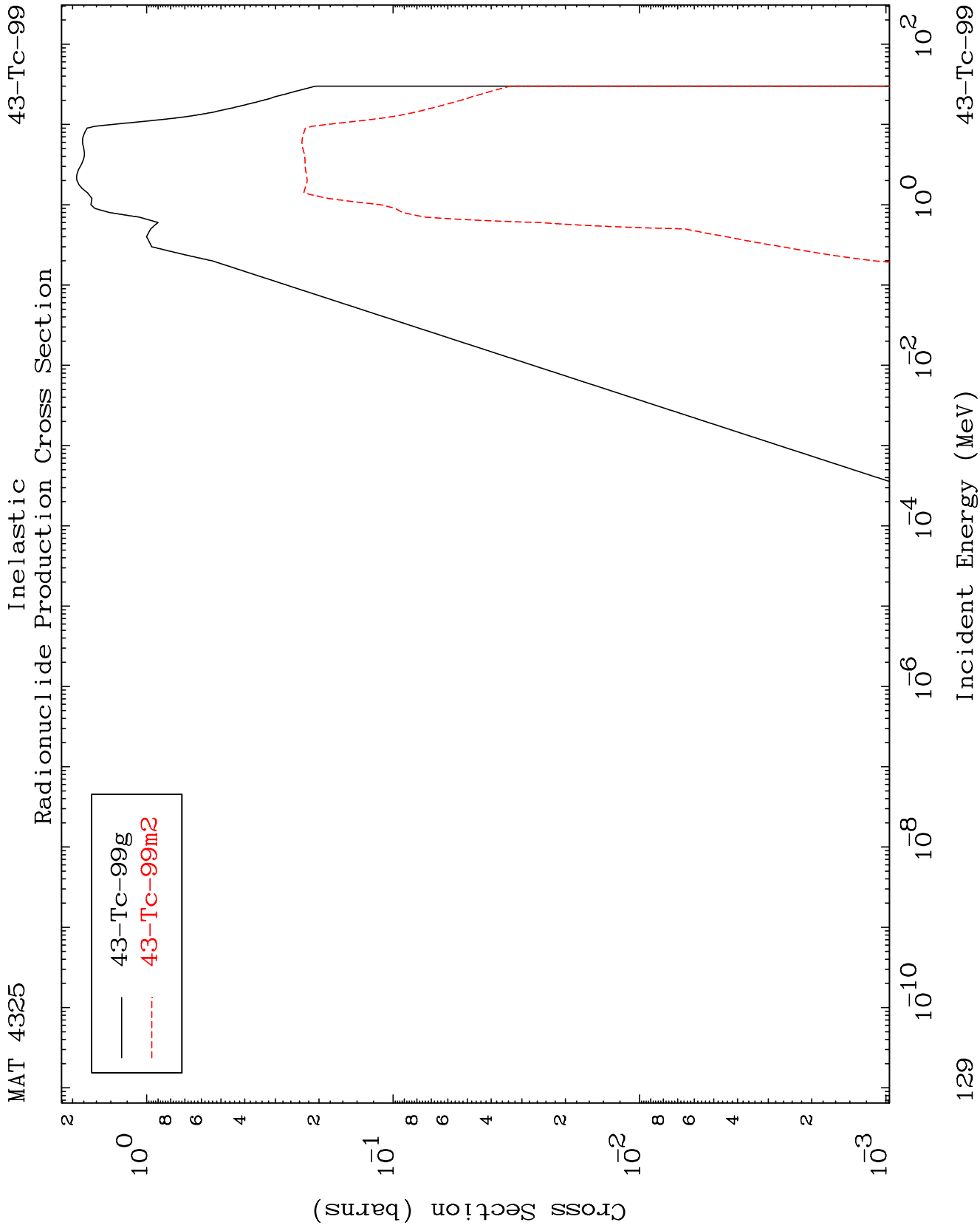
MT= 80 (n, n') Level
Legendre Coefficients

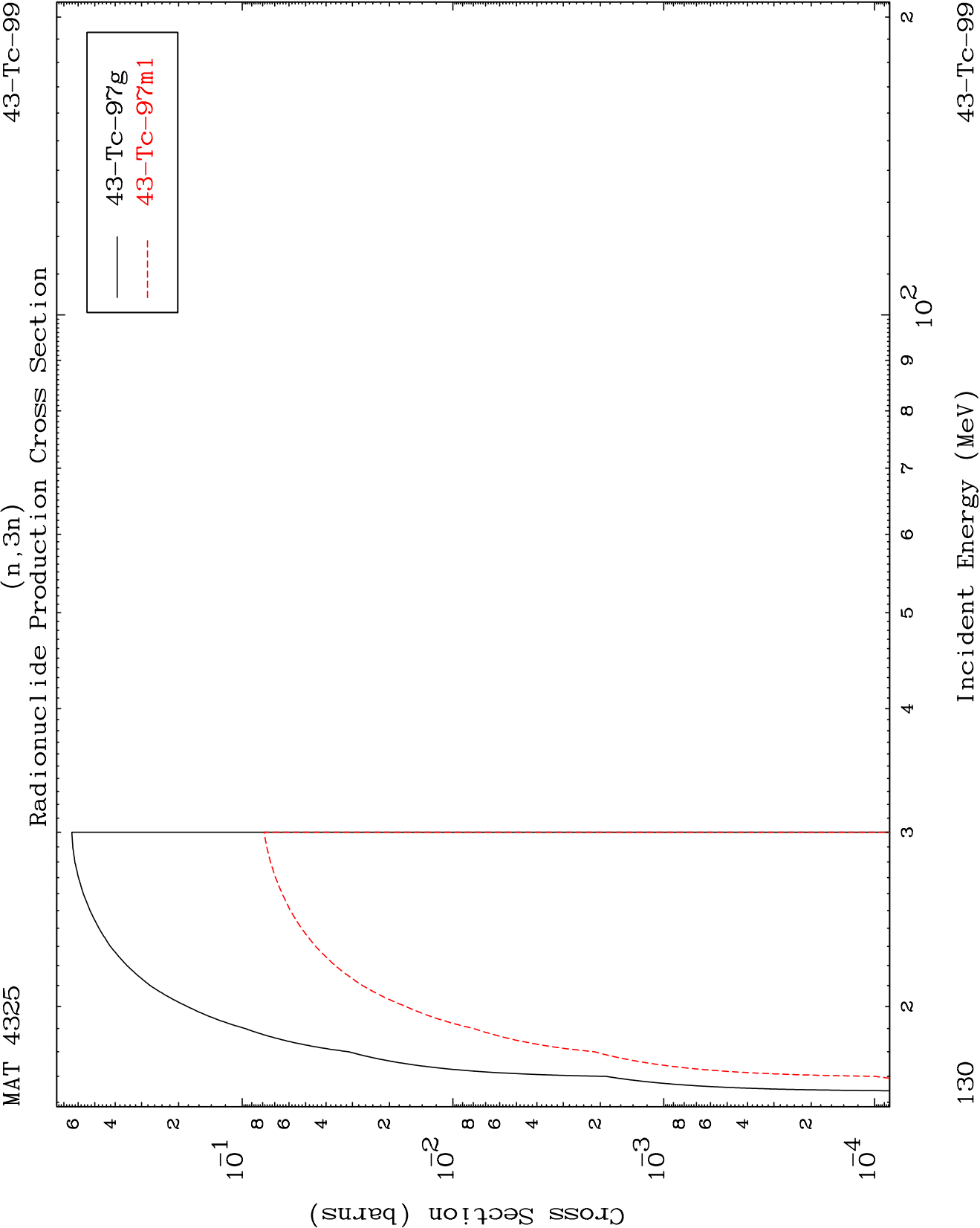
43-Tc-99







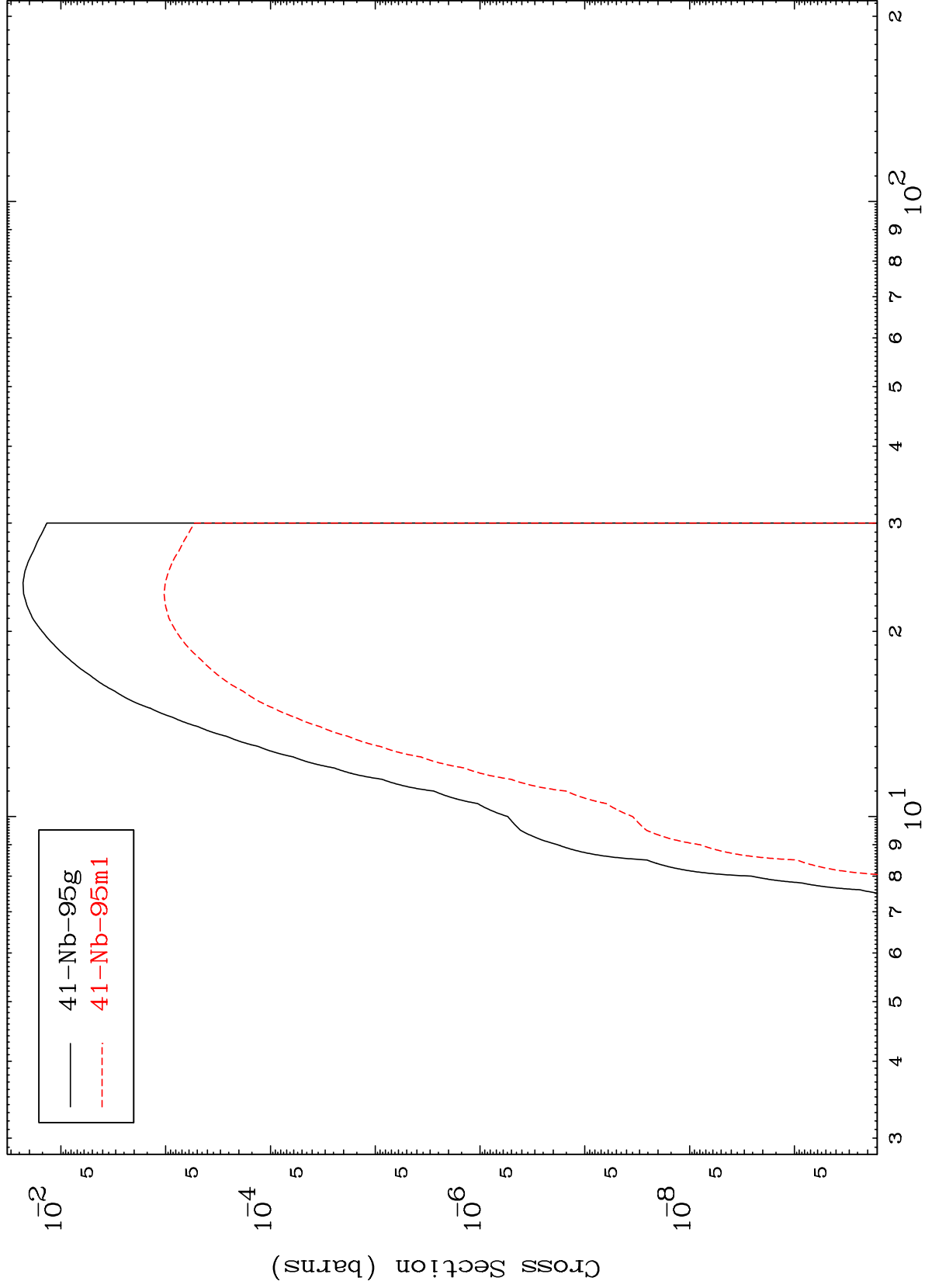




MAT 4325

43-Tc-99

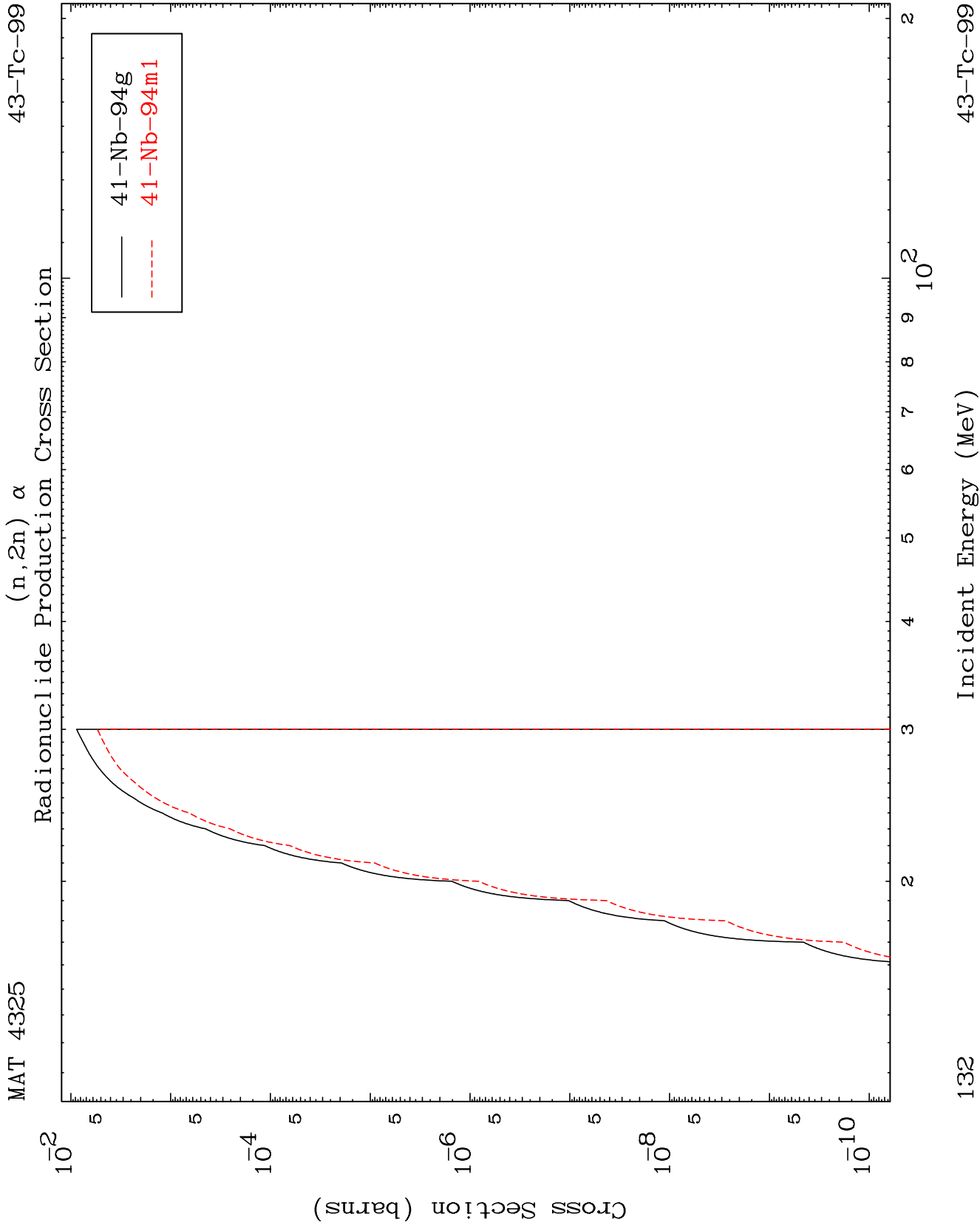
(n,n') α
Radionuclide Production Cross Section

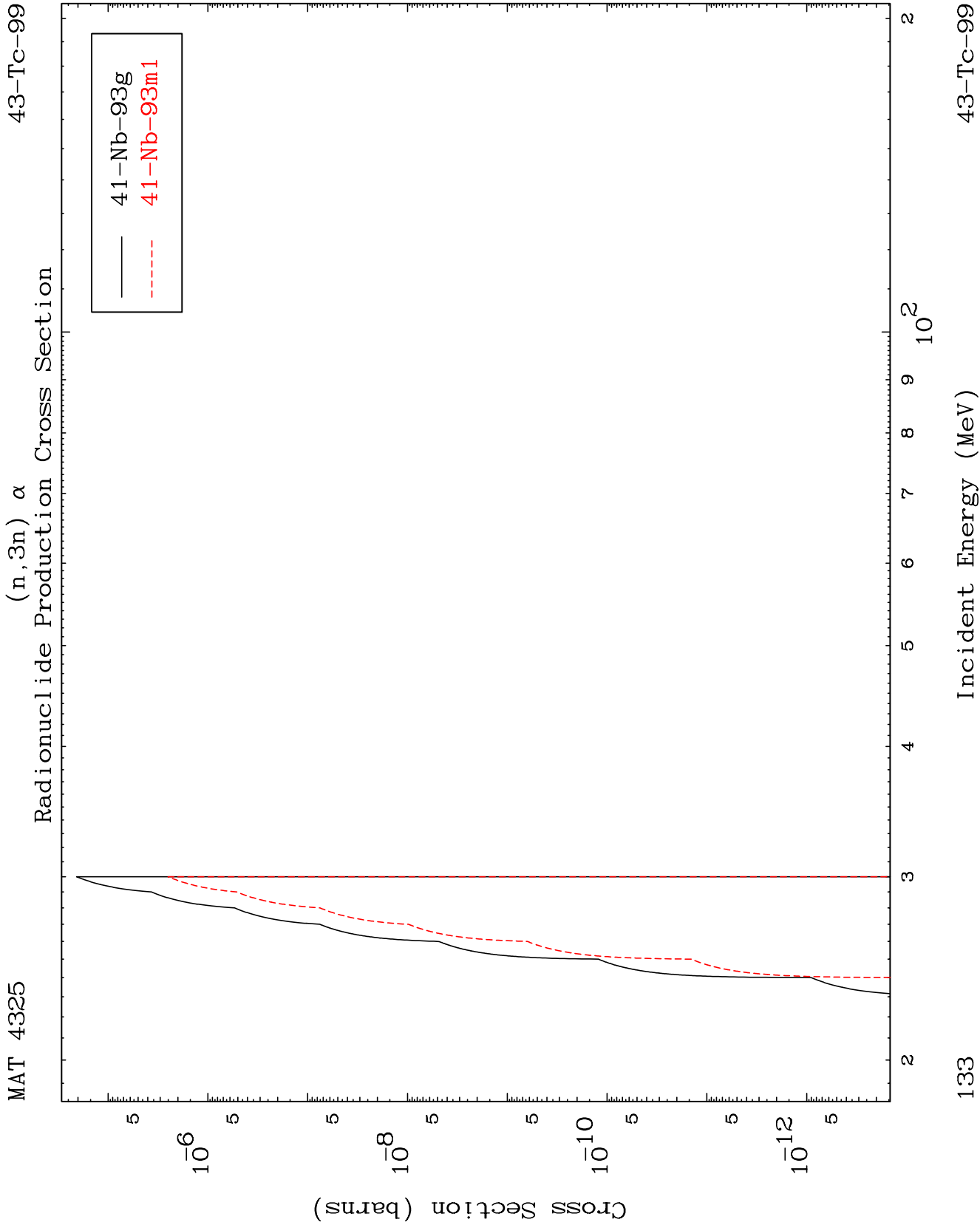


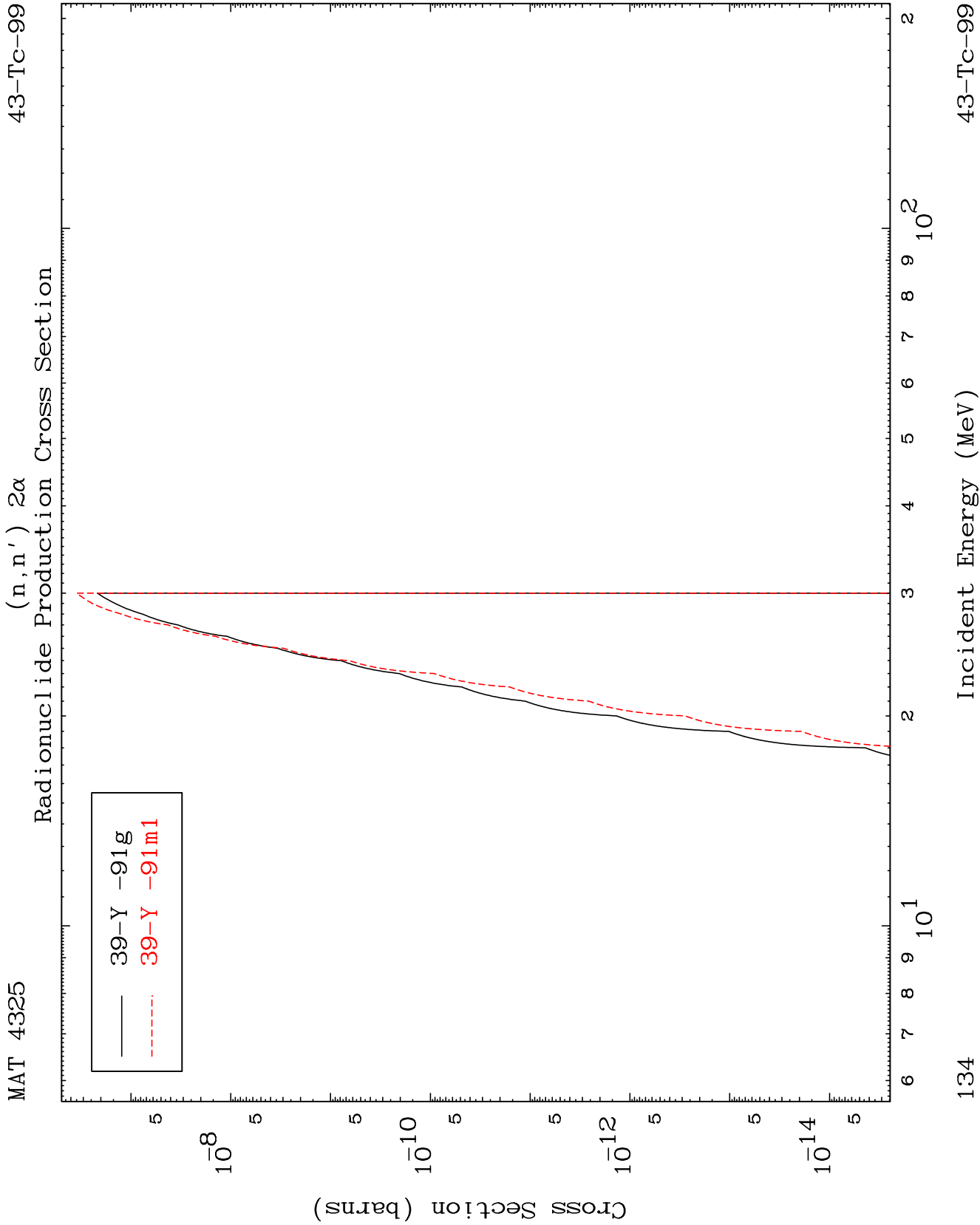
131

Incident Energy (MeV)

43-Tc-99







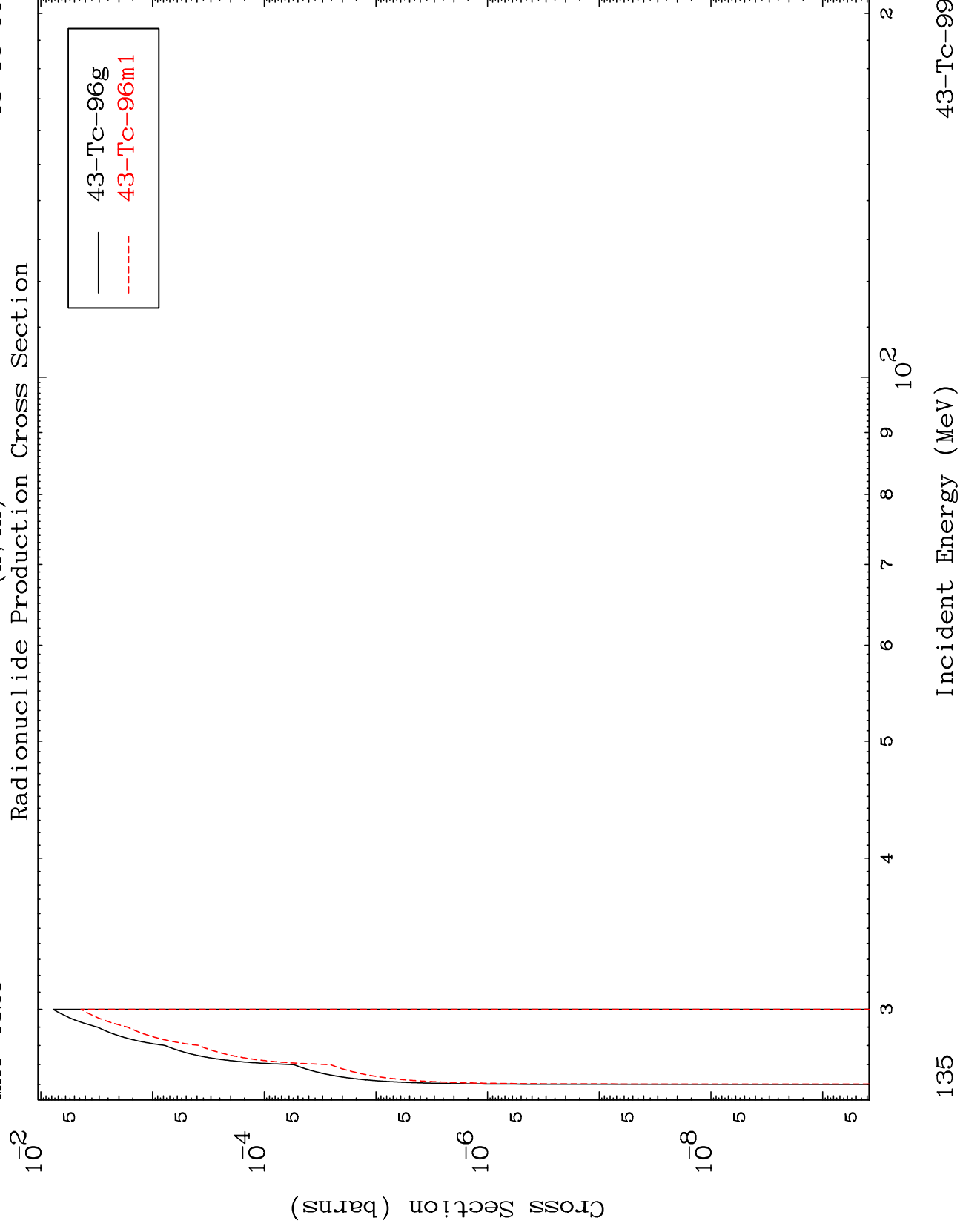
MAT 4325

43-Tc-99

$(n, 4n)$
Radionuclide Production Cross Section

135

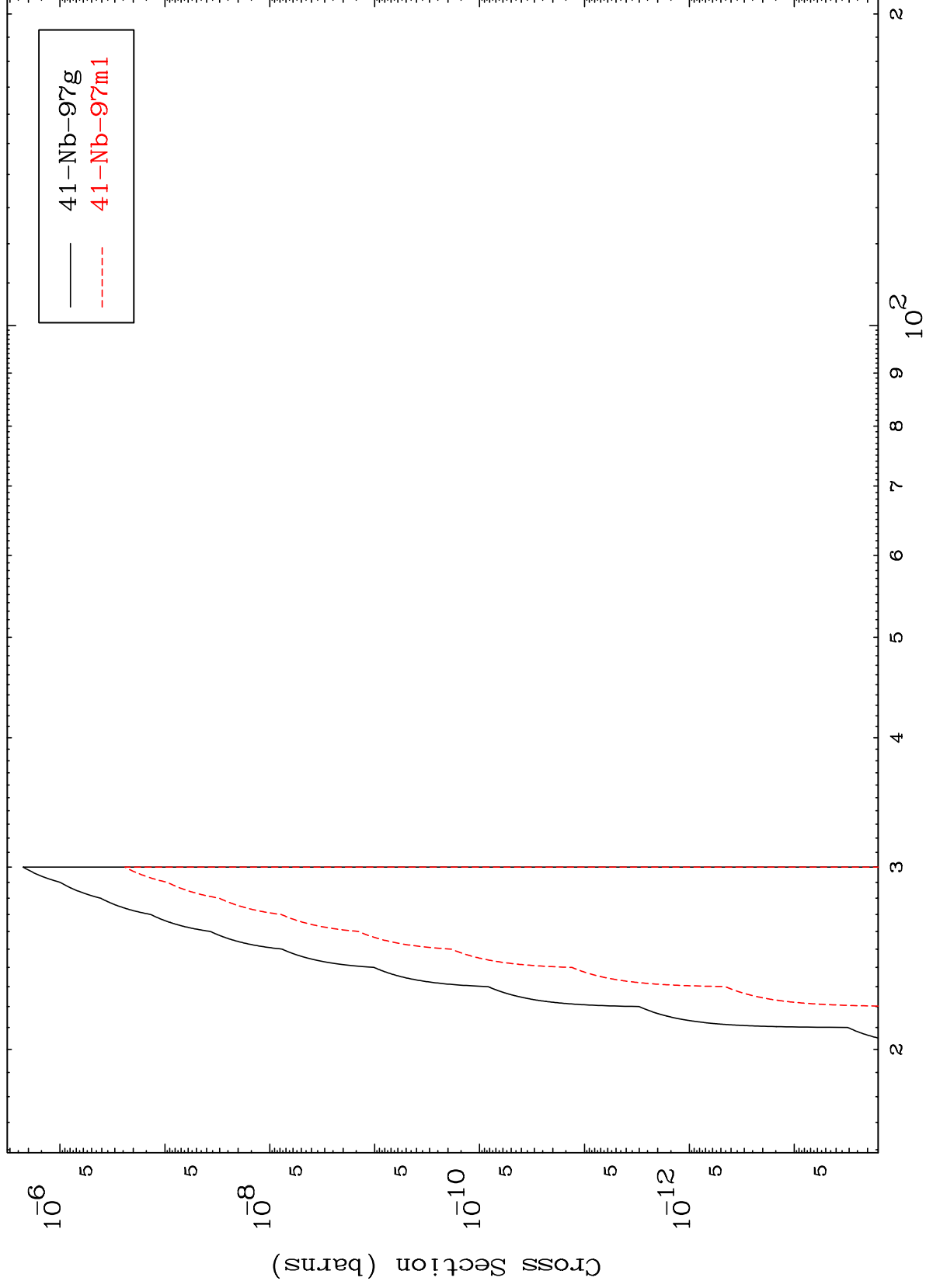
43-Tc-99



MAT 4325

43-Tc-99

(n,2n) p
Radionuclide Production Cross Section



136

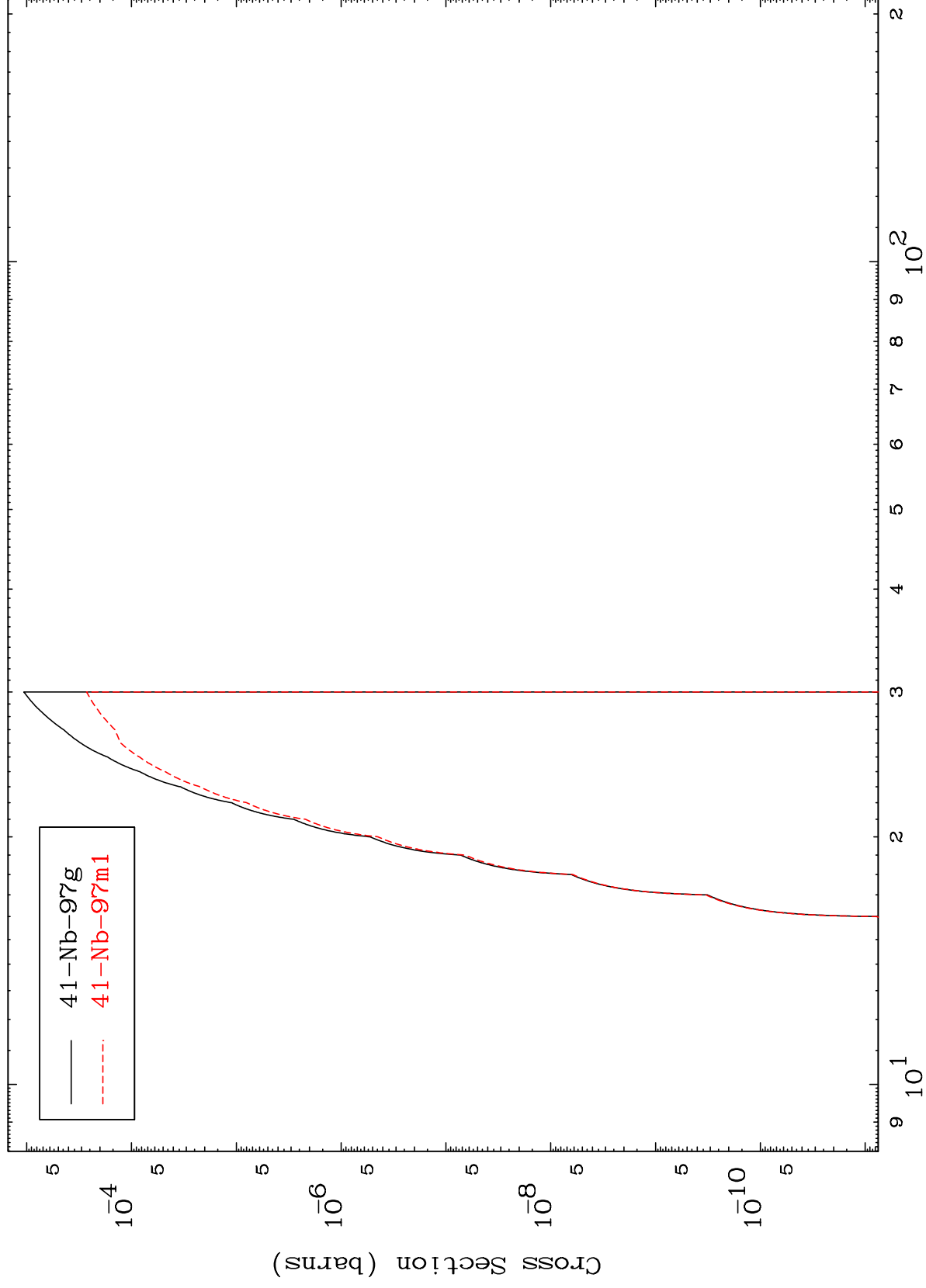
Incident Energy (MeV)

43-Tc-99

MAT 4325

43-Tc-99

(n,He-3)
Radionuclide Production Cross Section



43-Tc-99

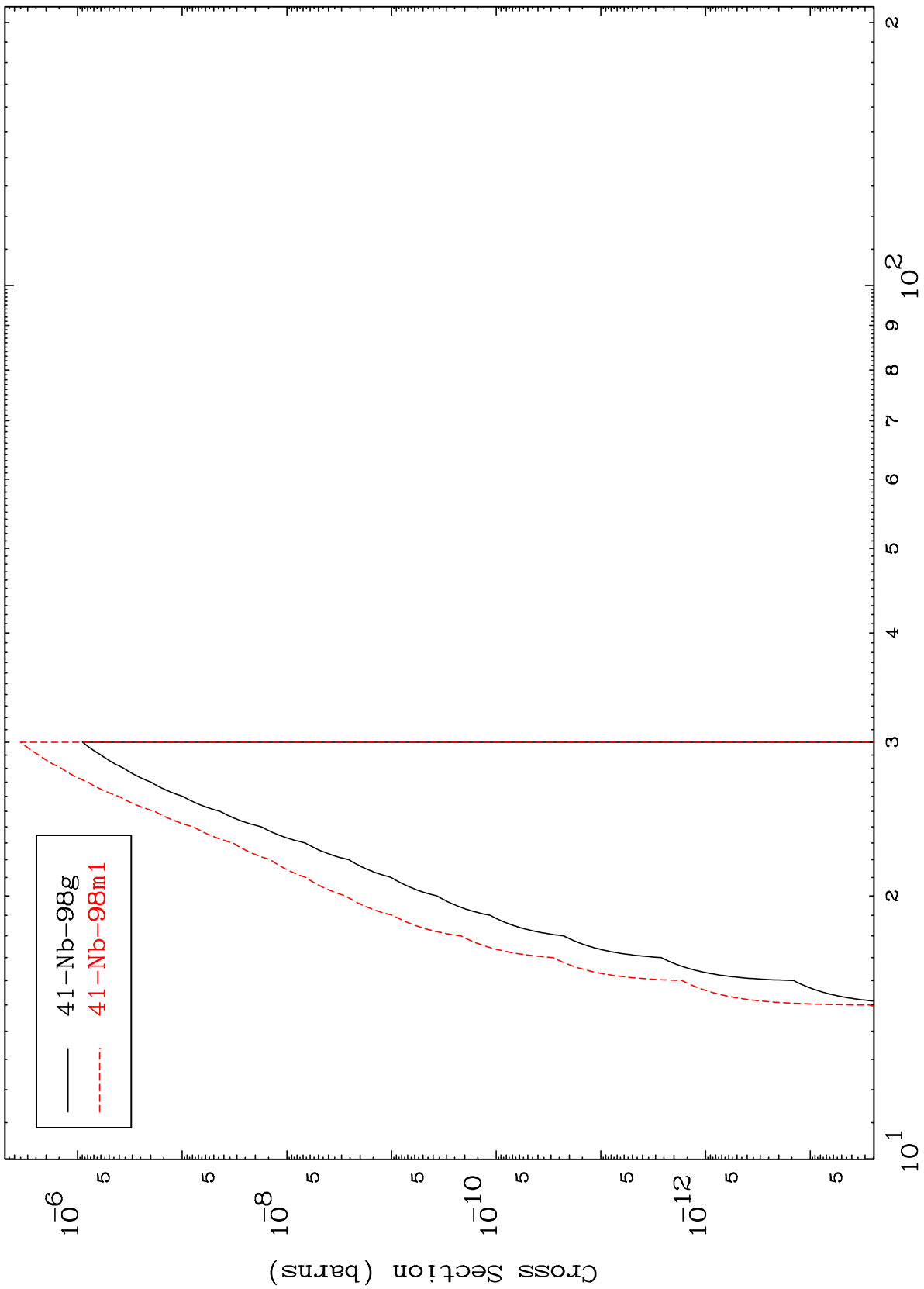
Incident Energy (MeV)

137

MAT 4325

43-Tc-99

(n,2p)
Radionuclide Production Cross Section



43-Tc-99

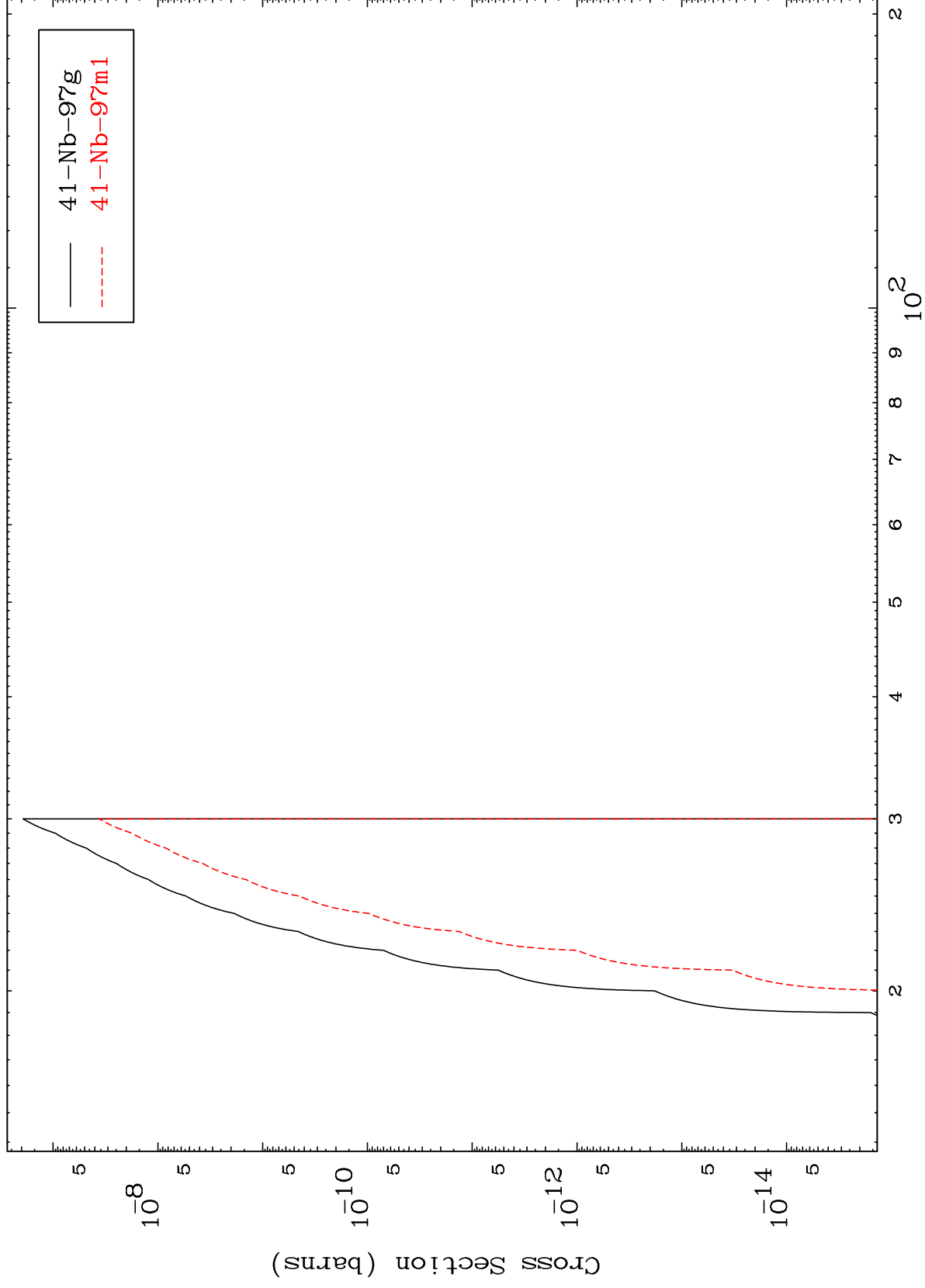
Incident Energy (MeV)

138

MAT 4325

43-Tc-99

(n,p) d
Radionuclide Production Cross Section



139

Incident Energy (MeV)

43-Tc-99