

Program EVALPLOT
(Version 2021-1)

by

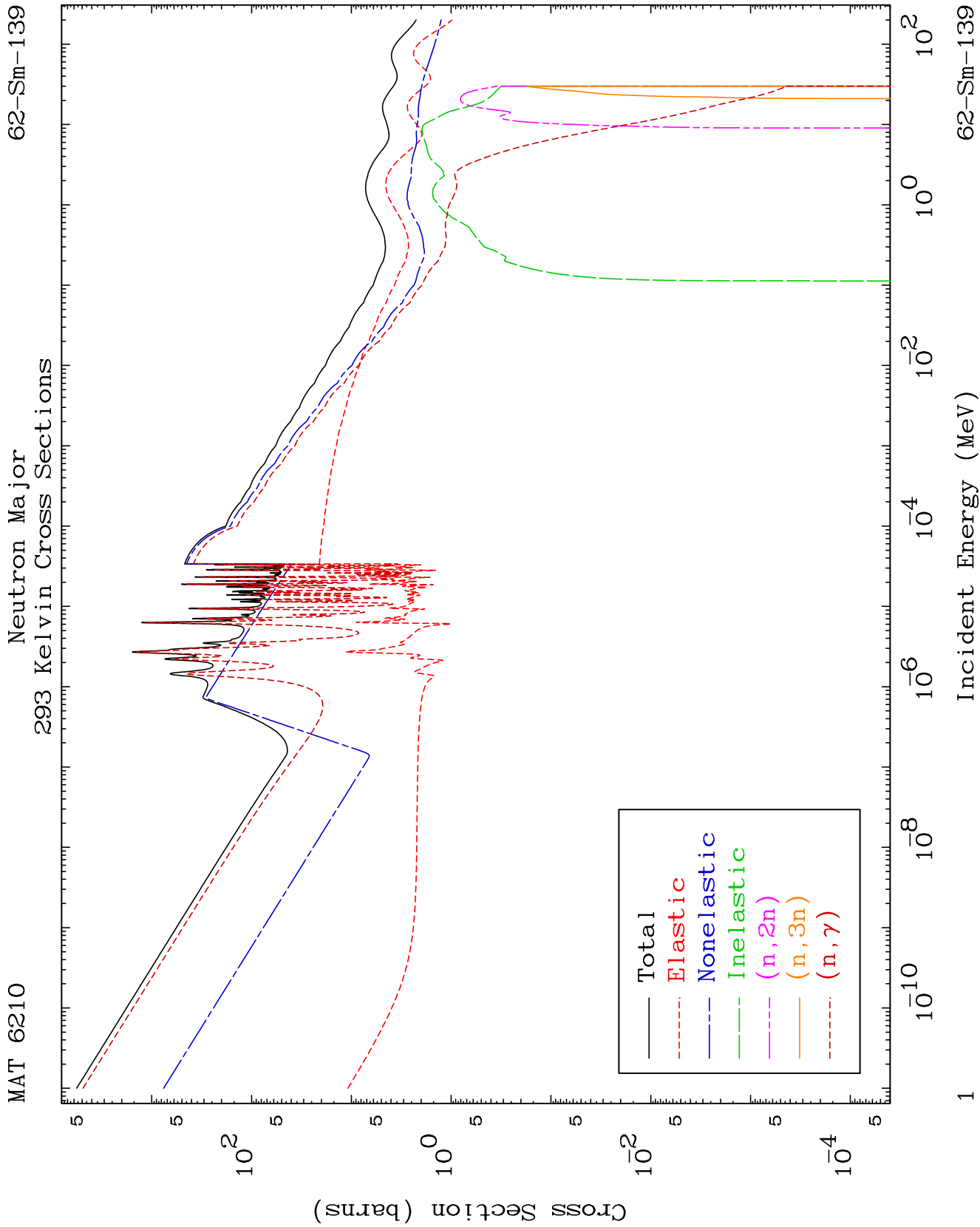
Dermott E. Cullen
(Present Contact Information)

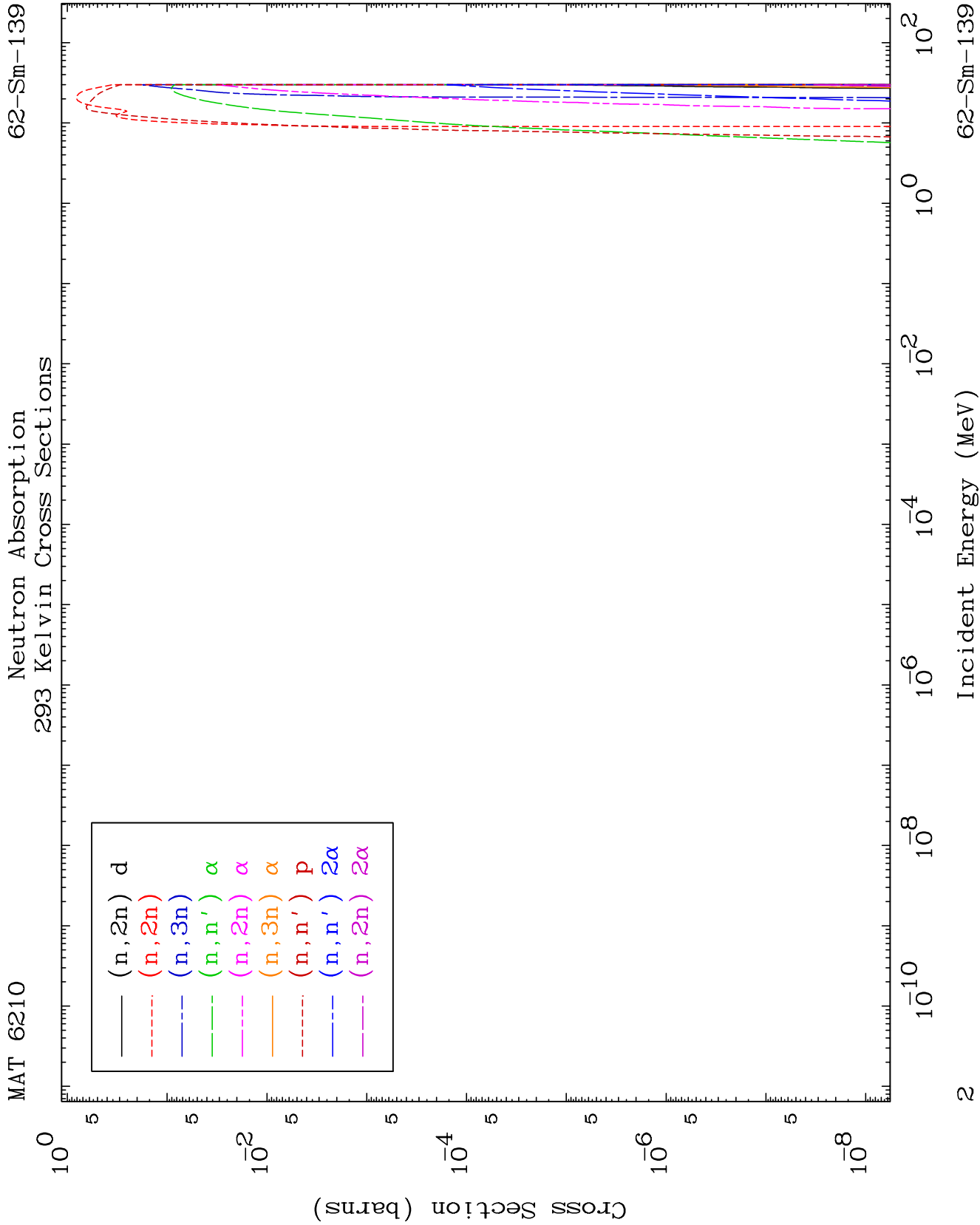
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

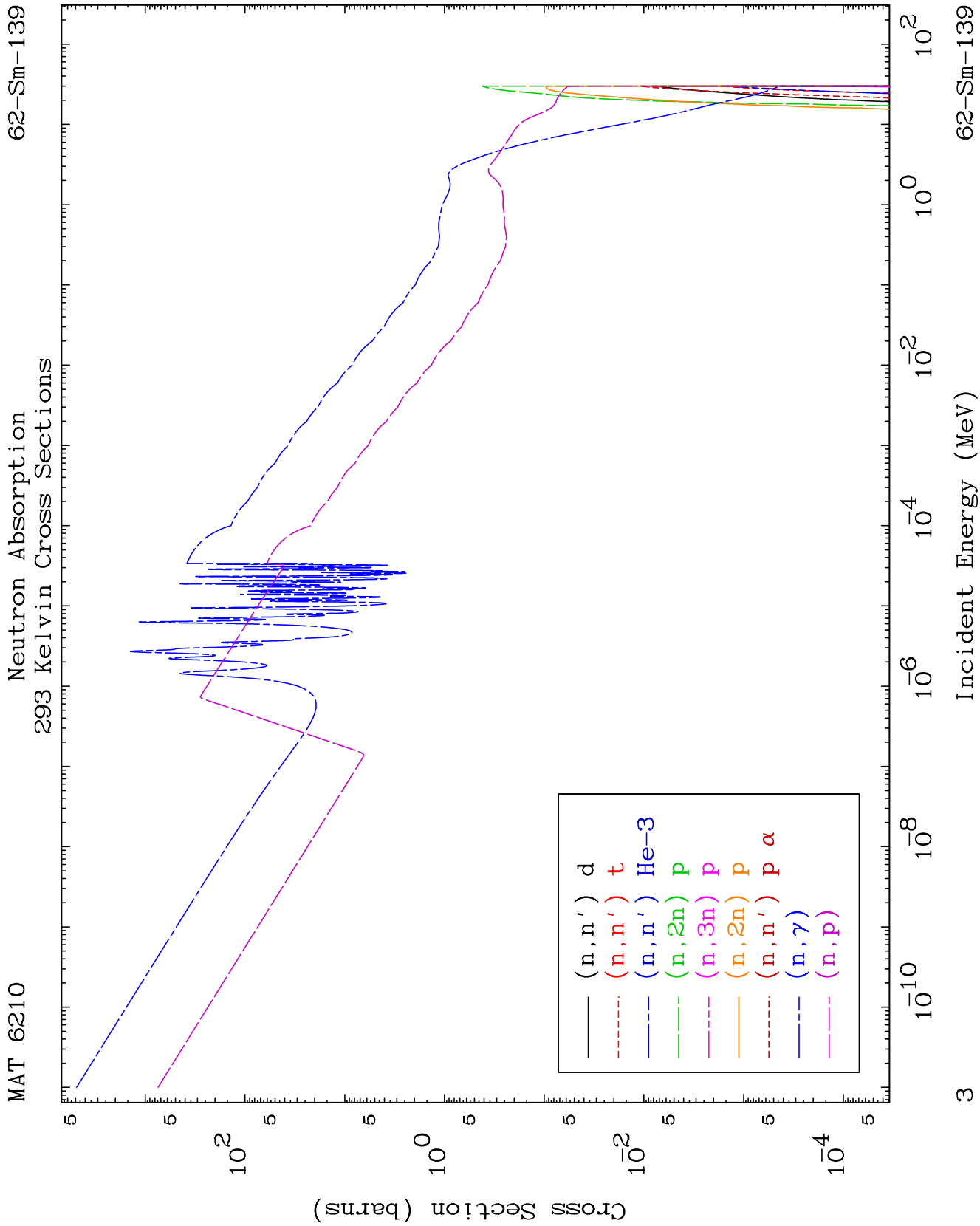
Tele: 925-443-1911

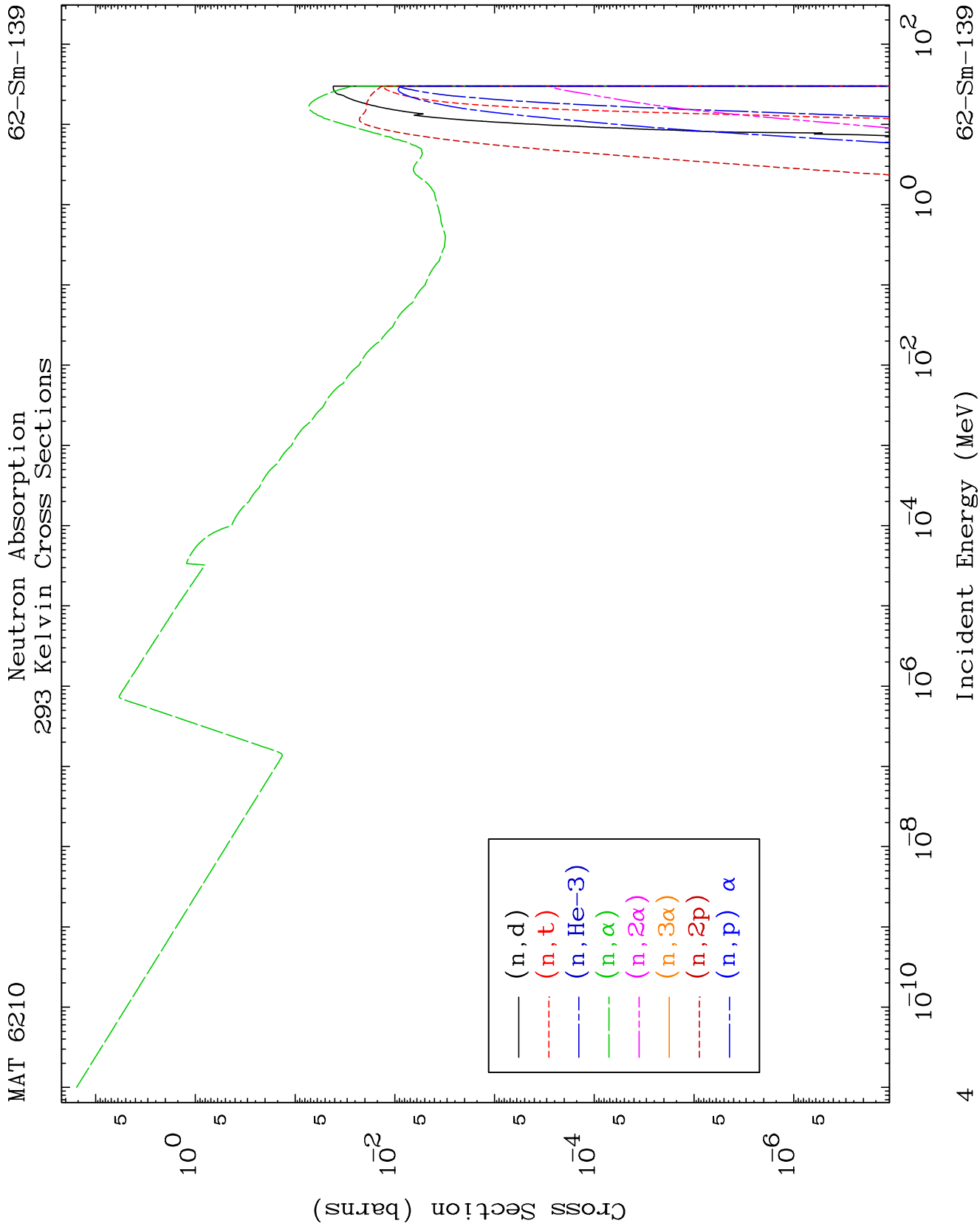
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

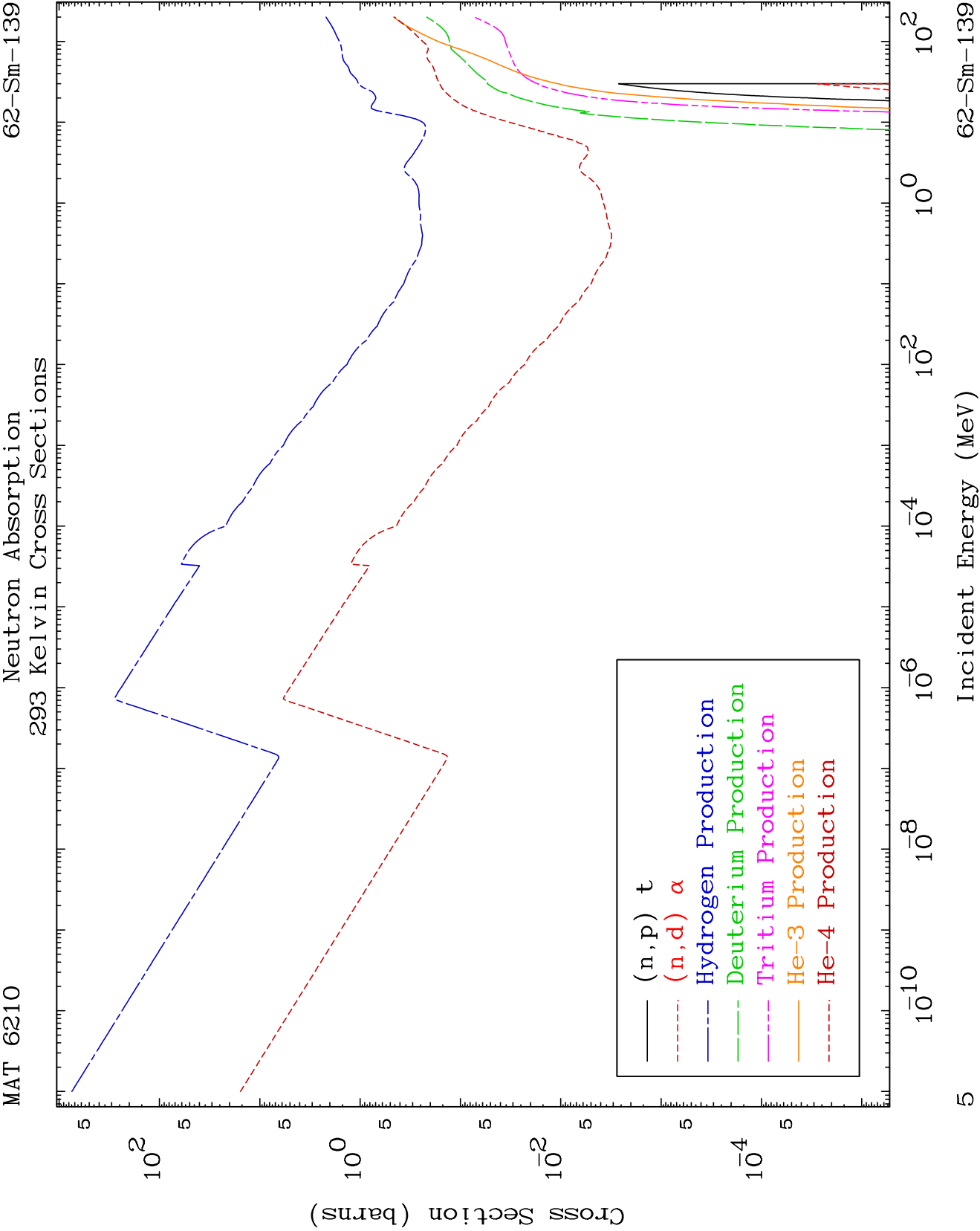
Press Mouse Button to Start

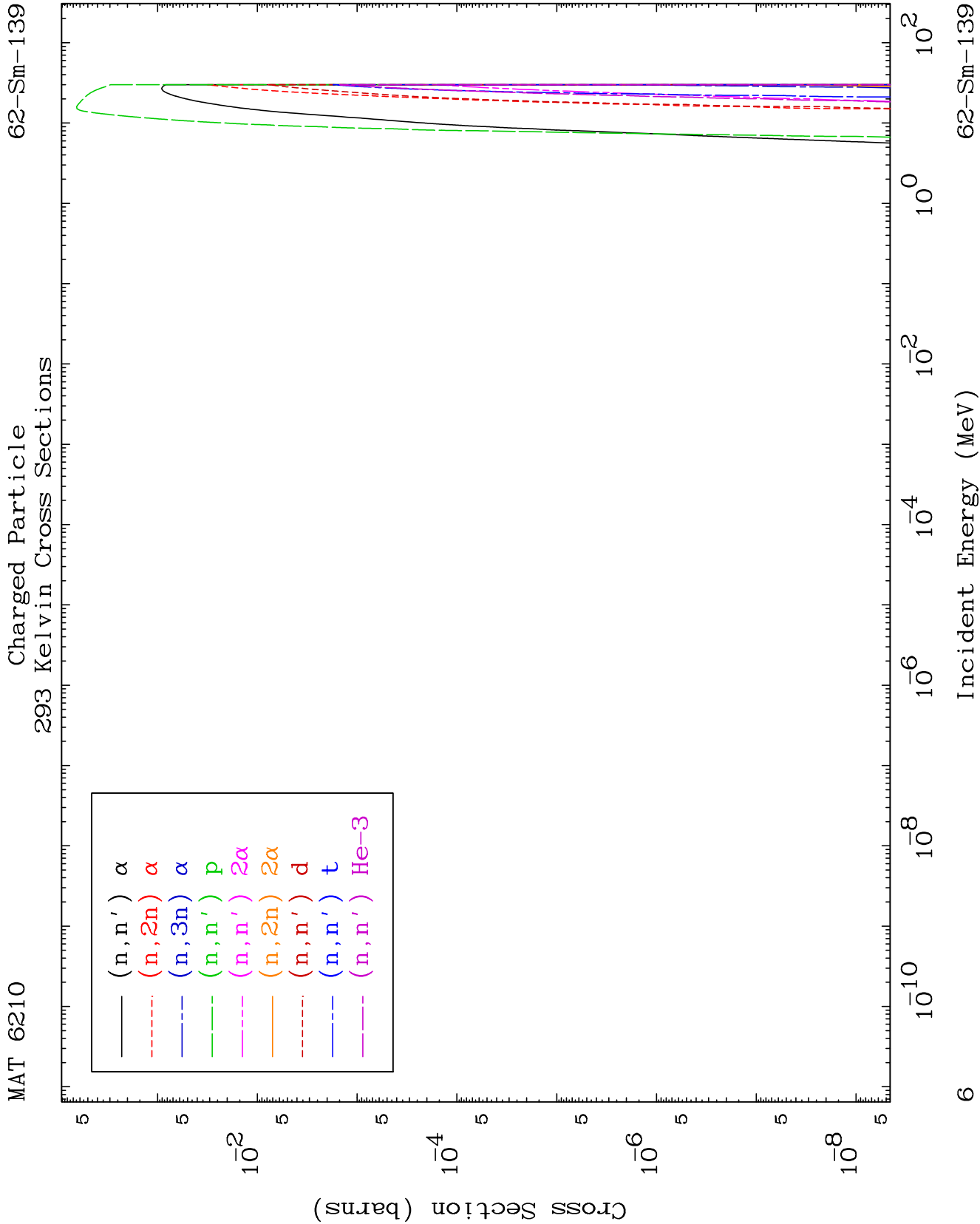


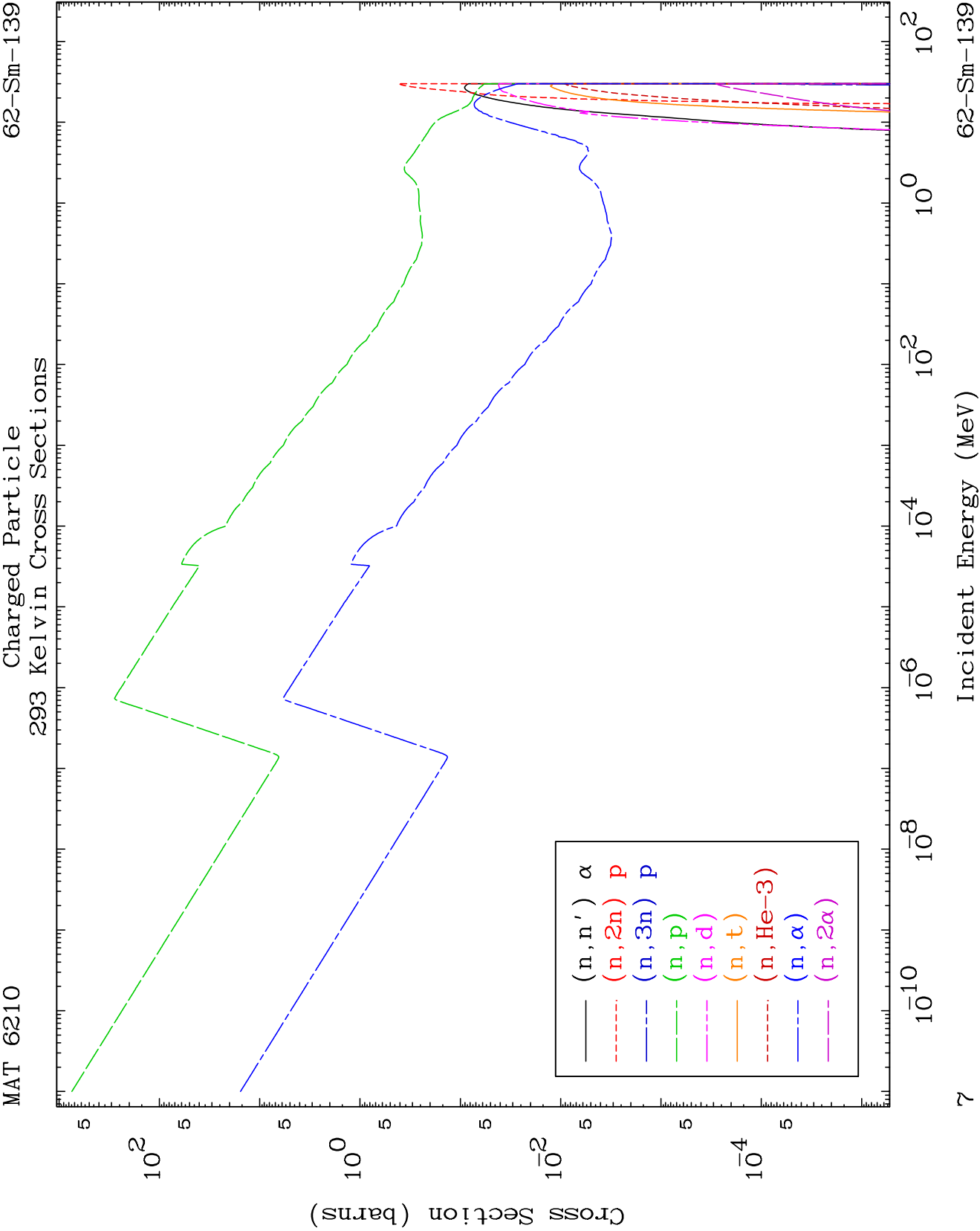


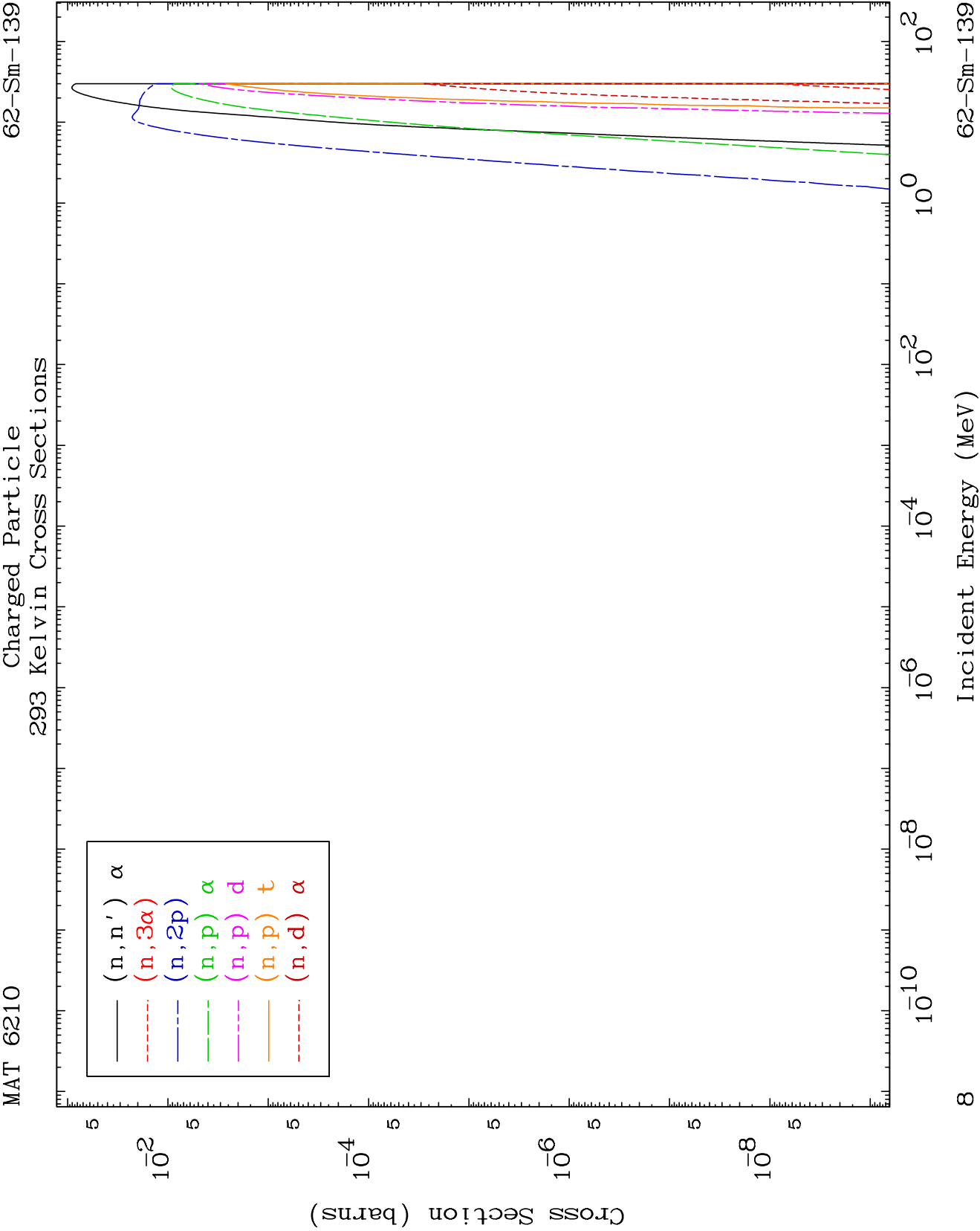


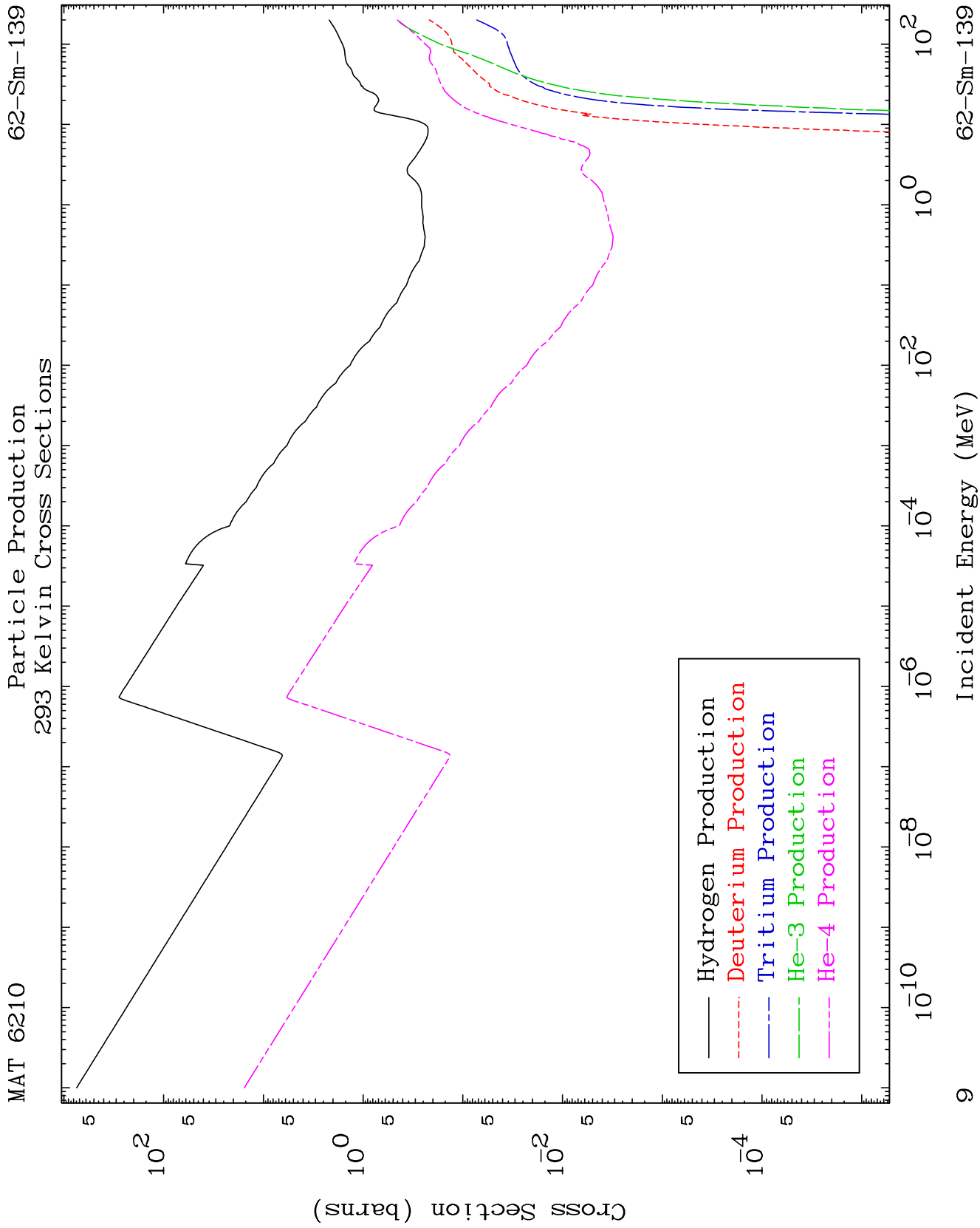


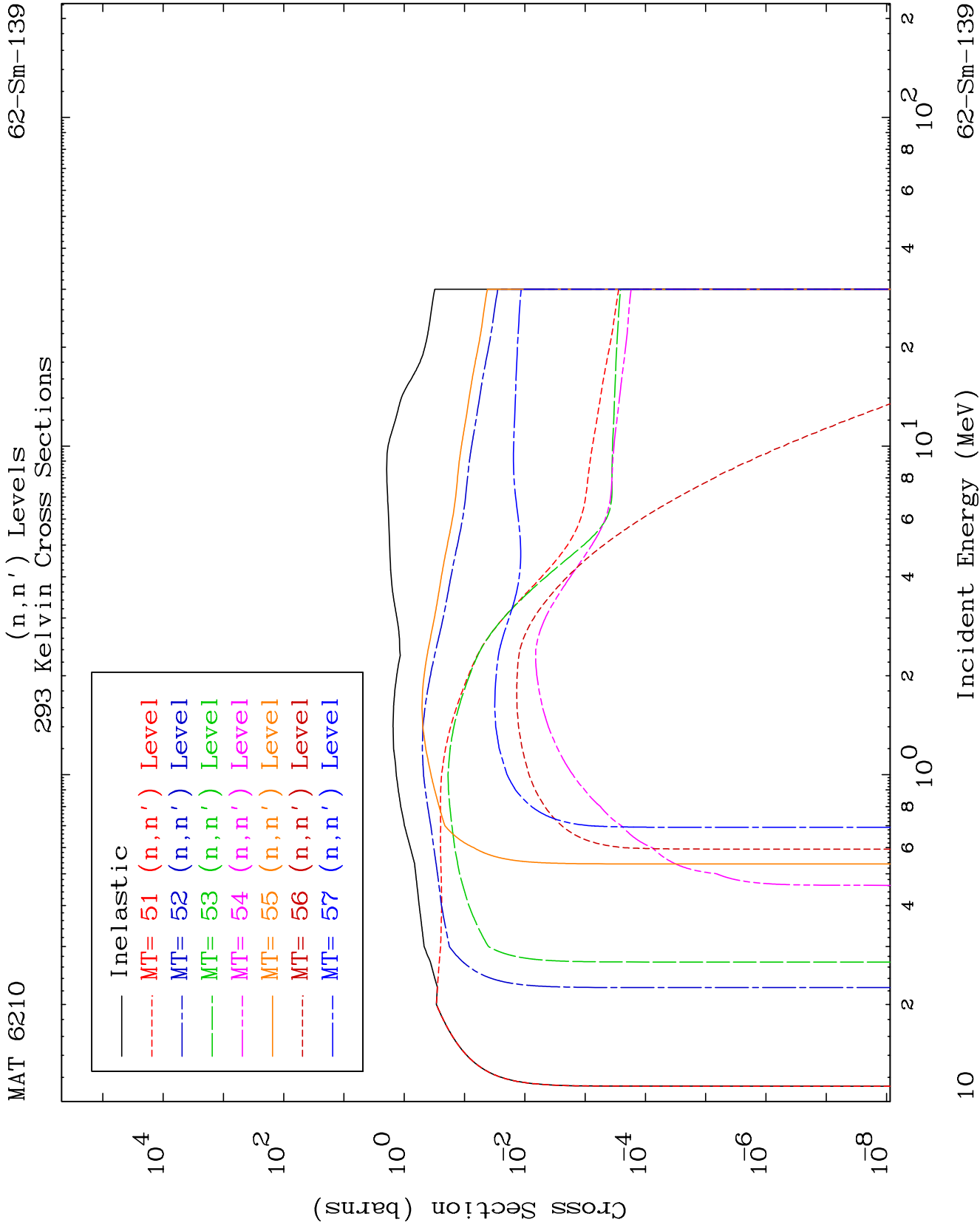


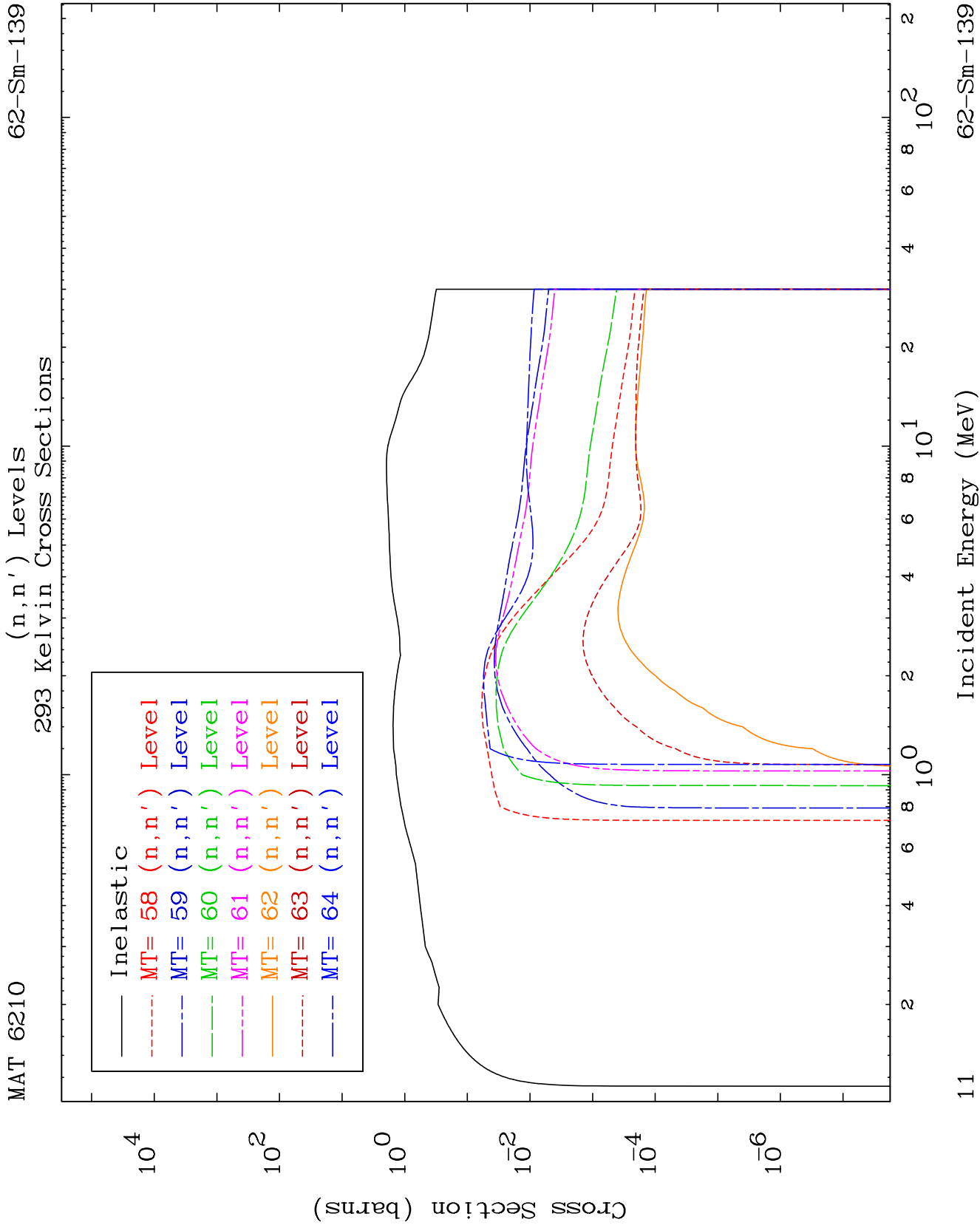


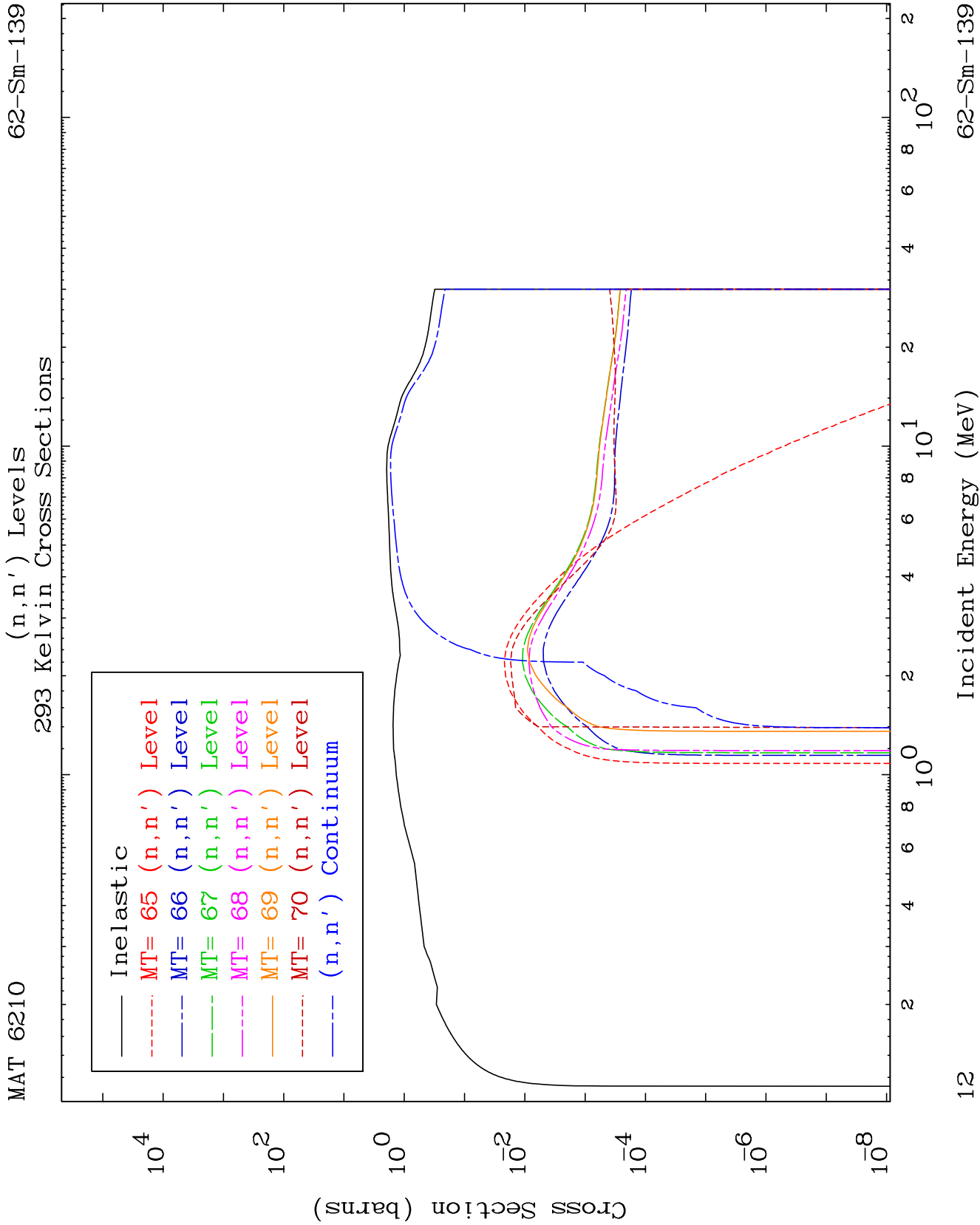


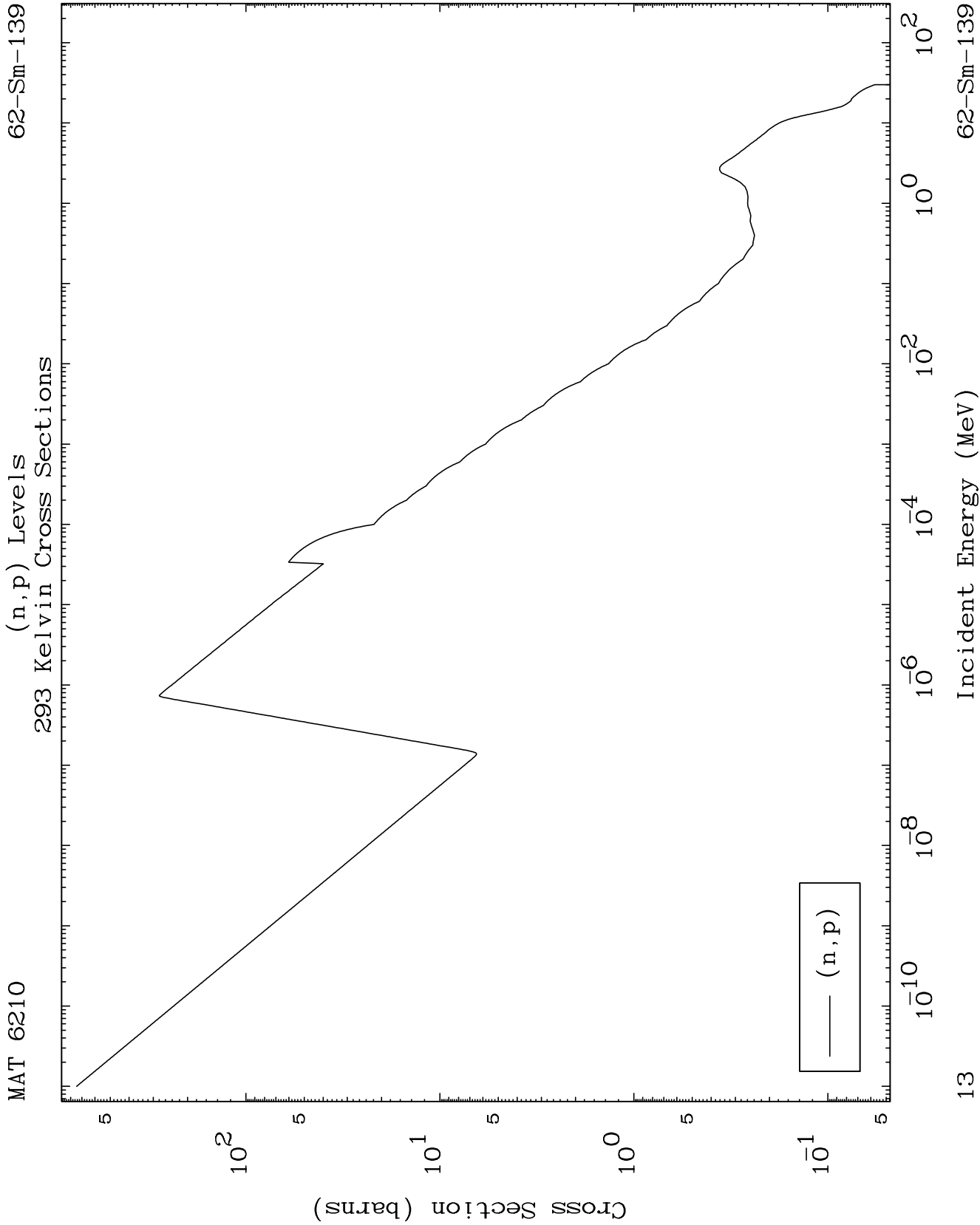








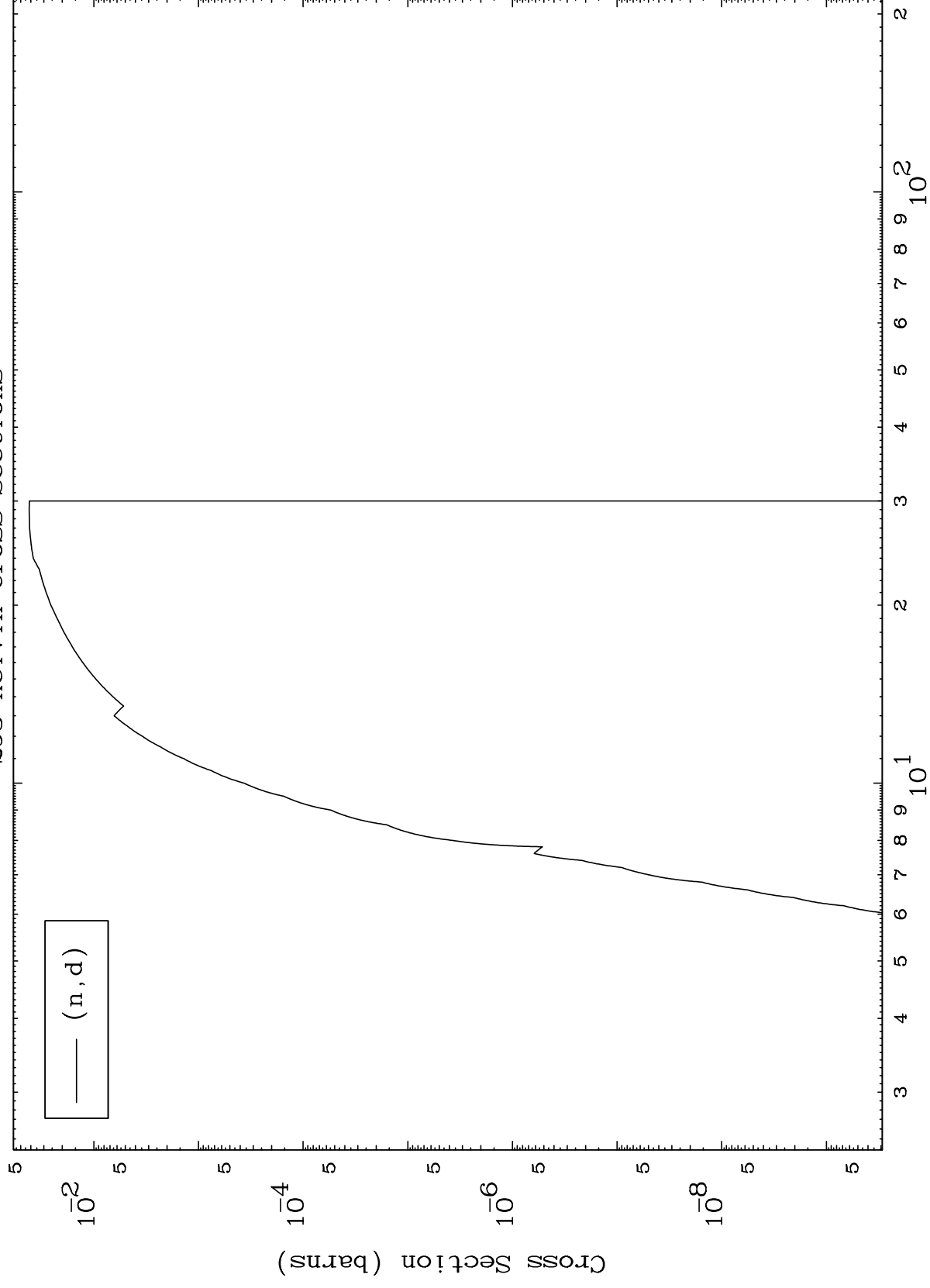




MAT 6210

62-Sm-139

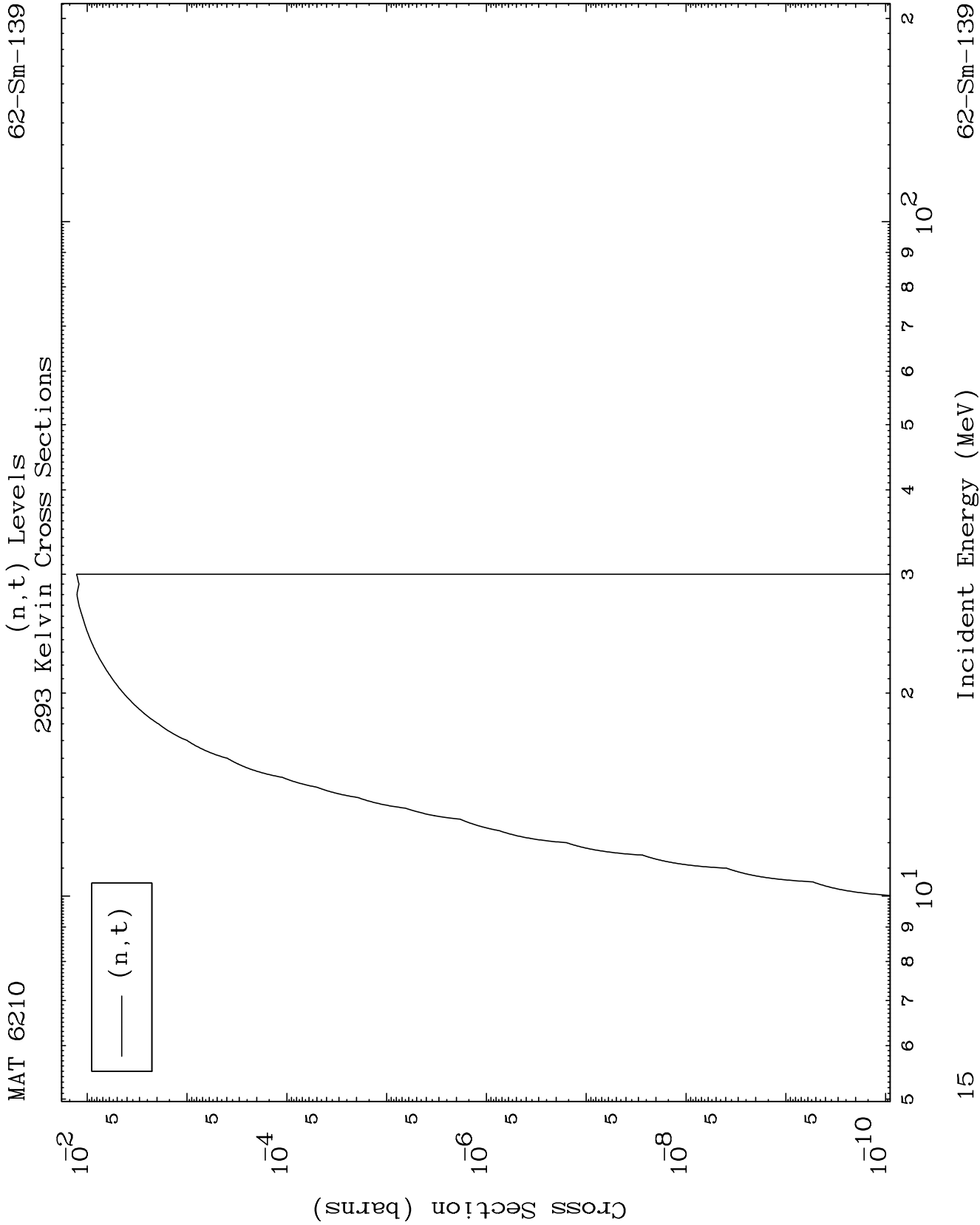
(n,d) Levels
293 Kelvin Cross Sections

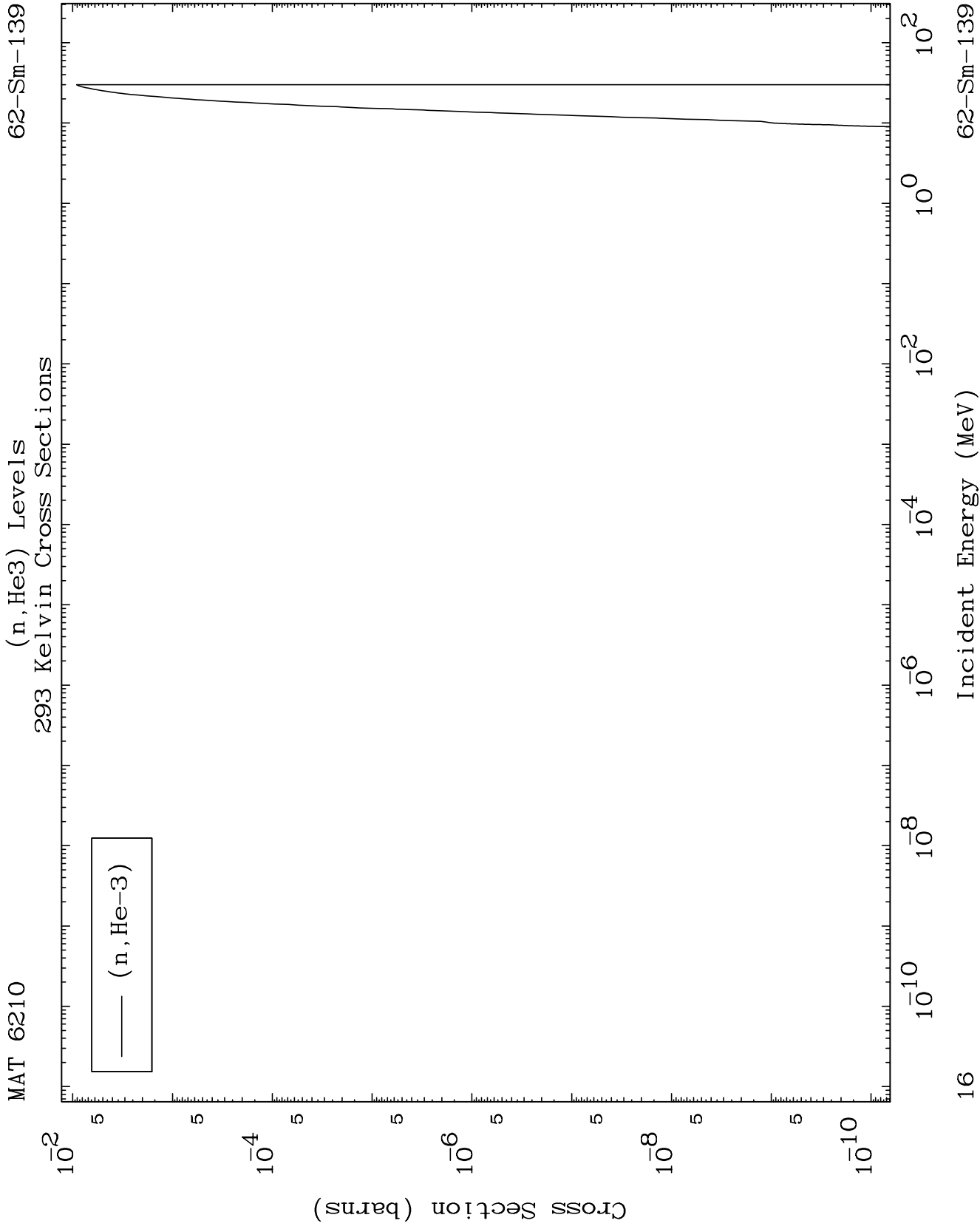


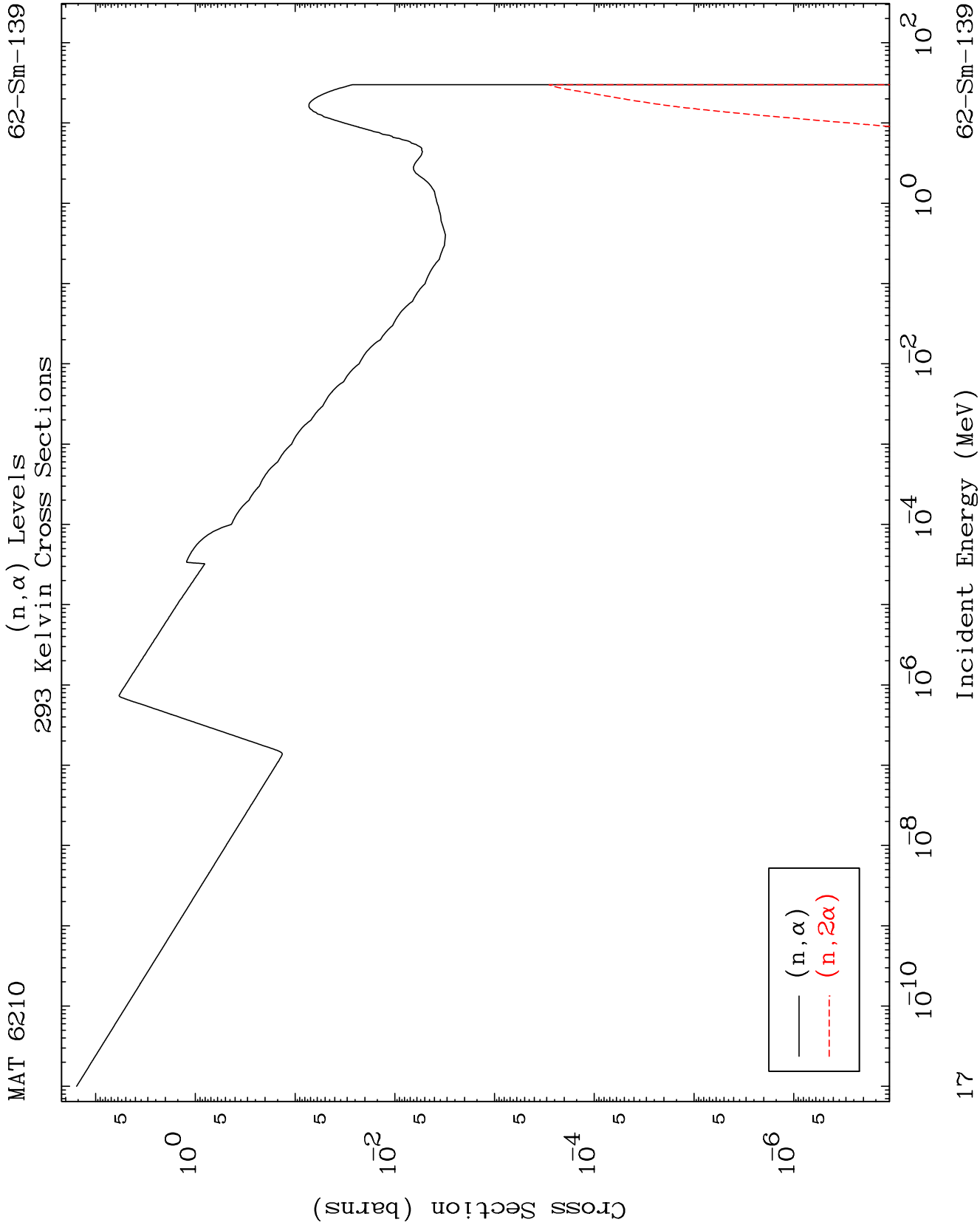
14

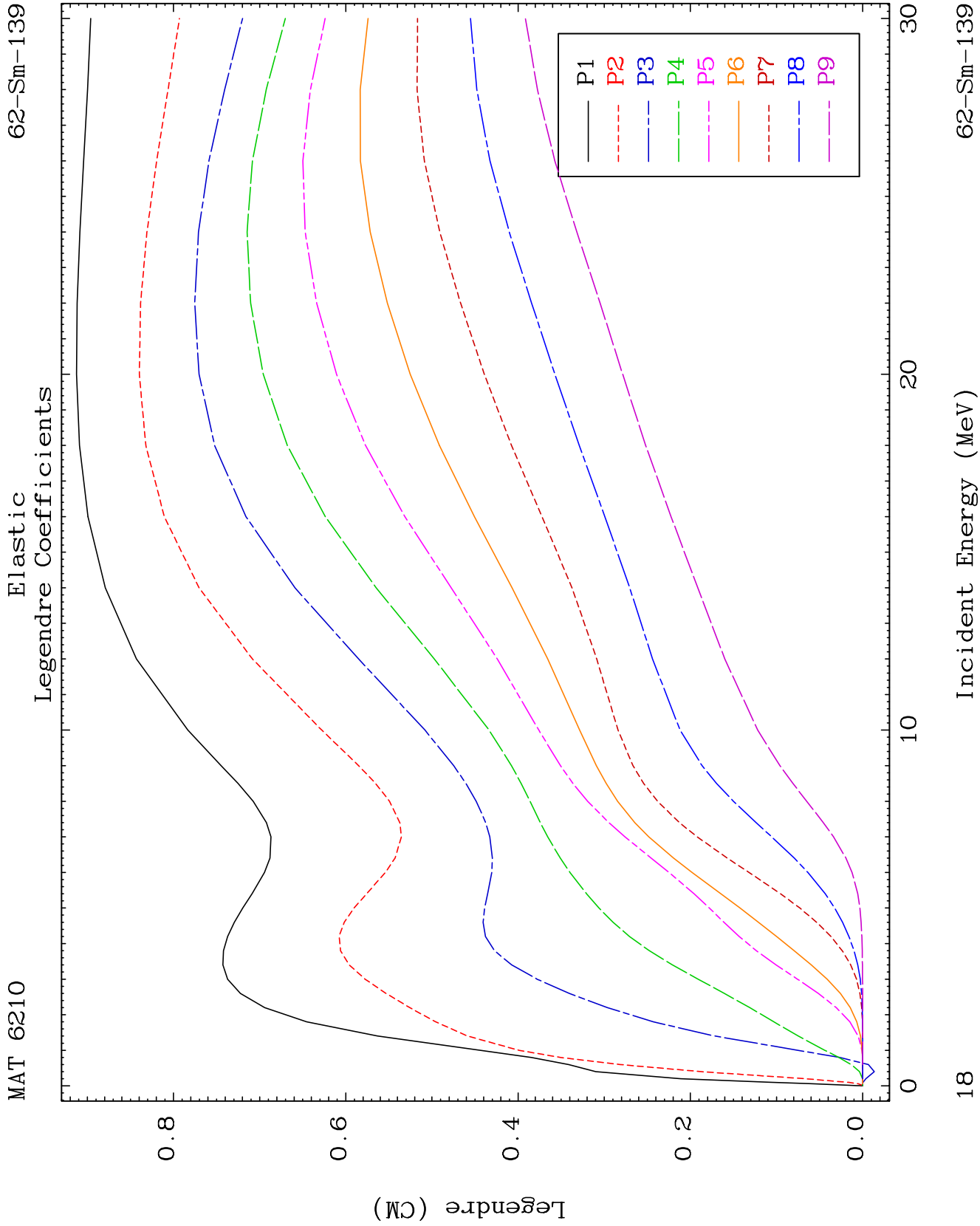
Incident Energy (MeV)

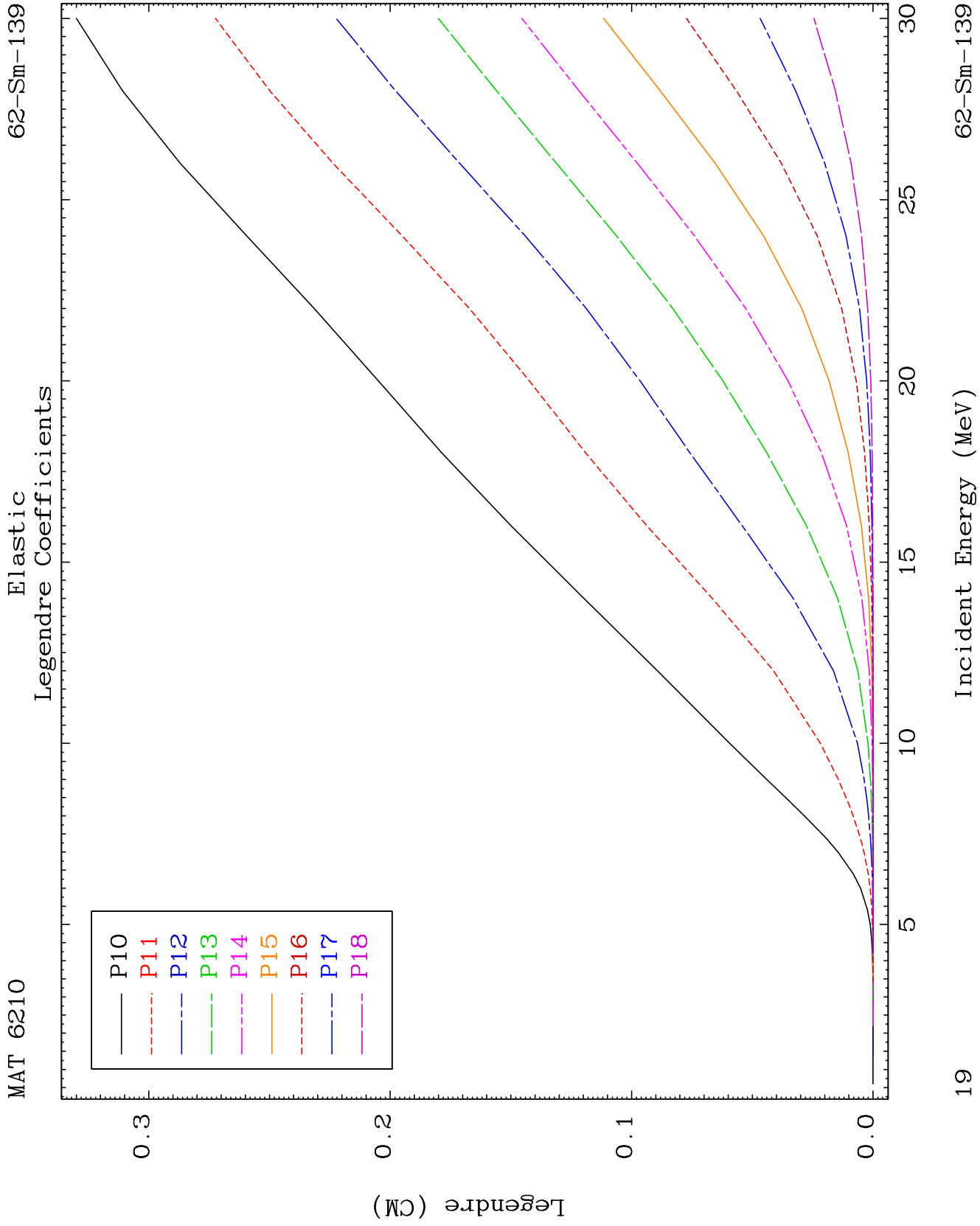
62-Sm-139

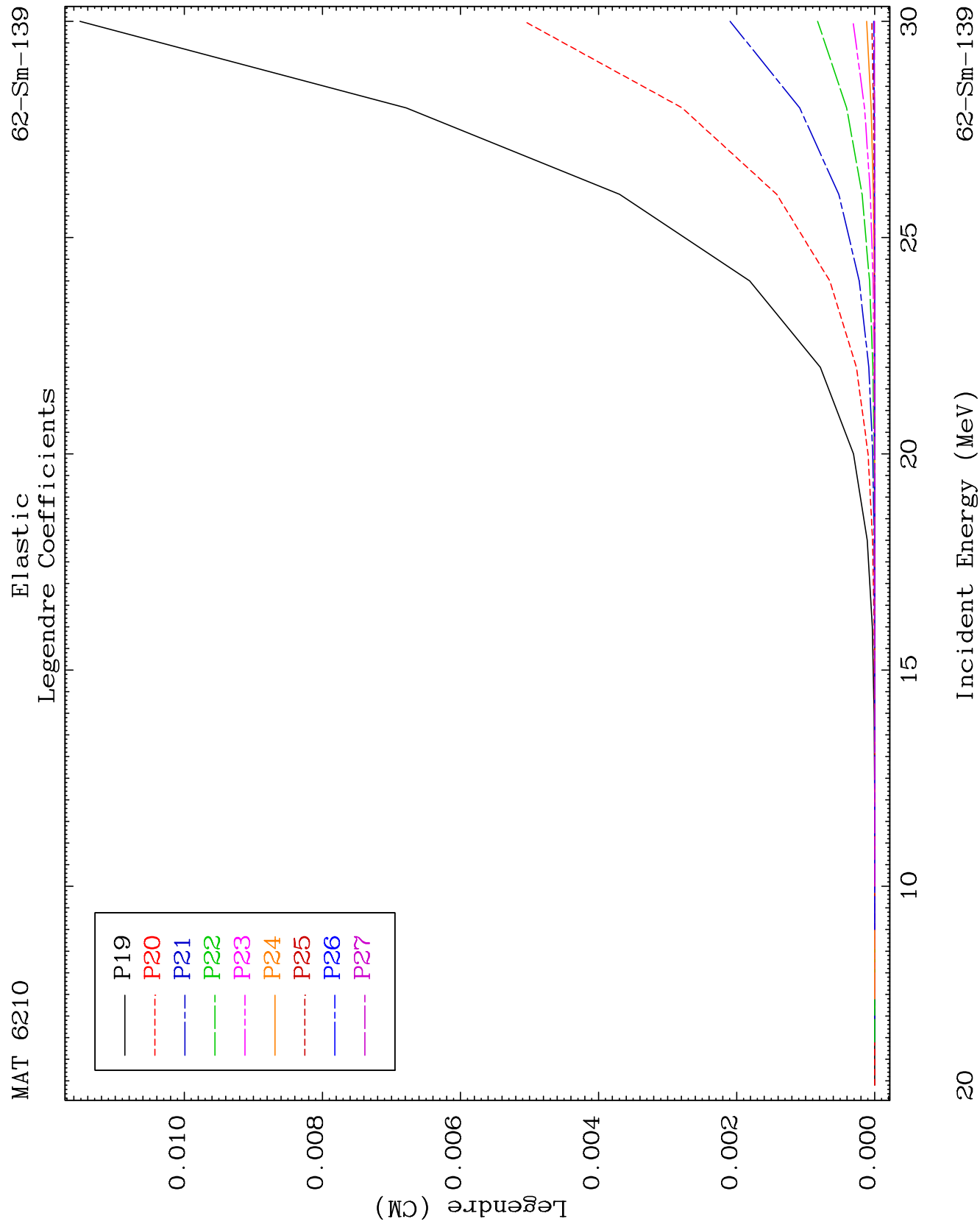


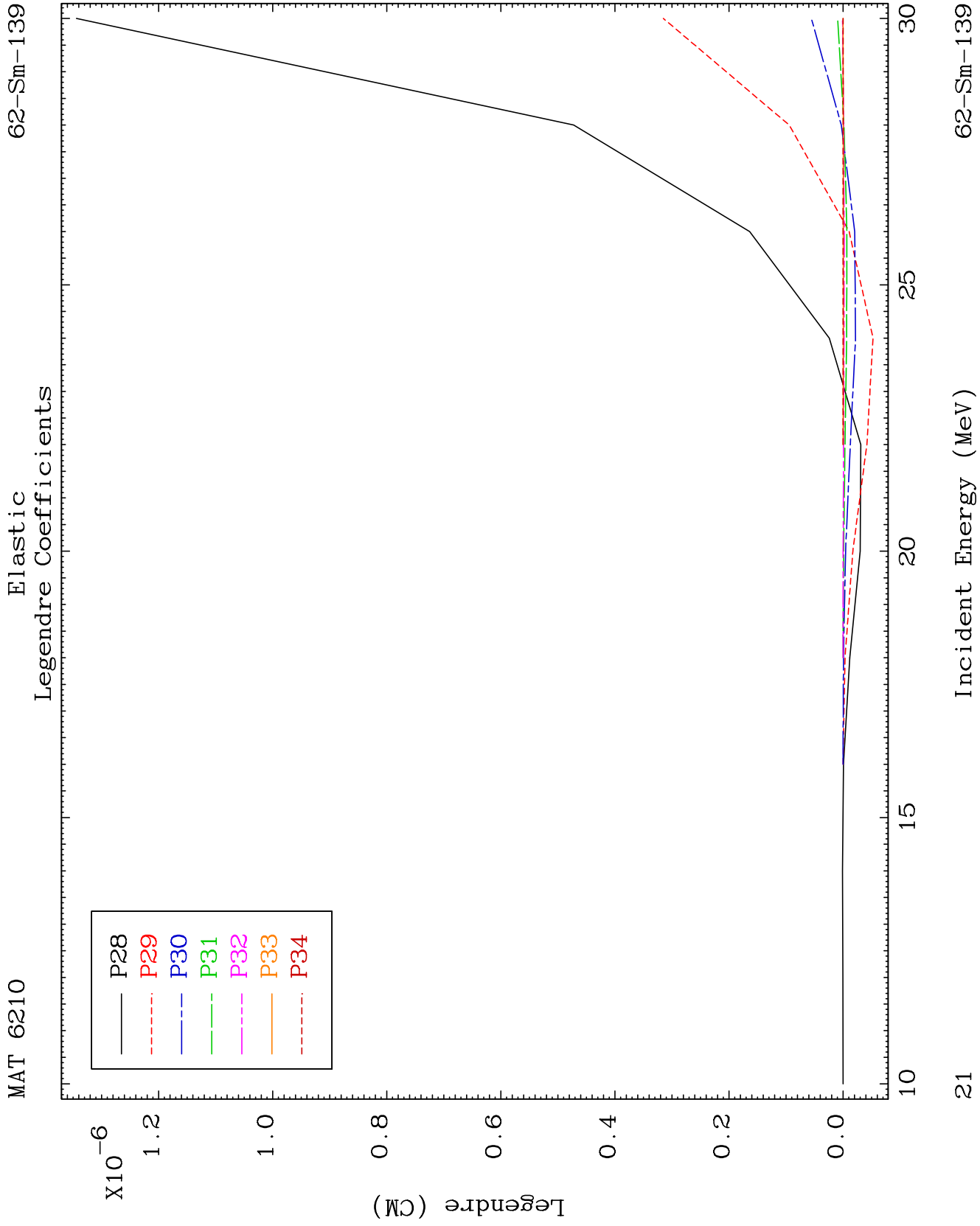


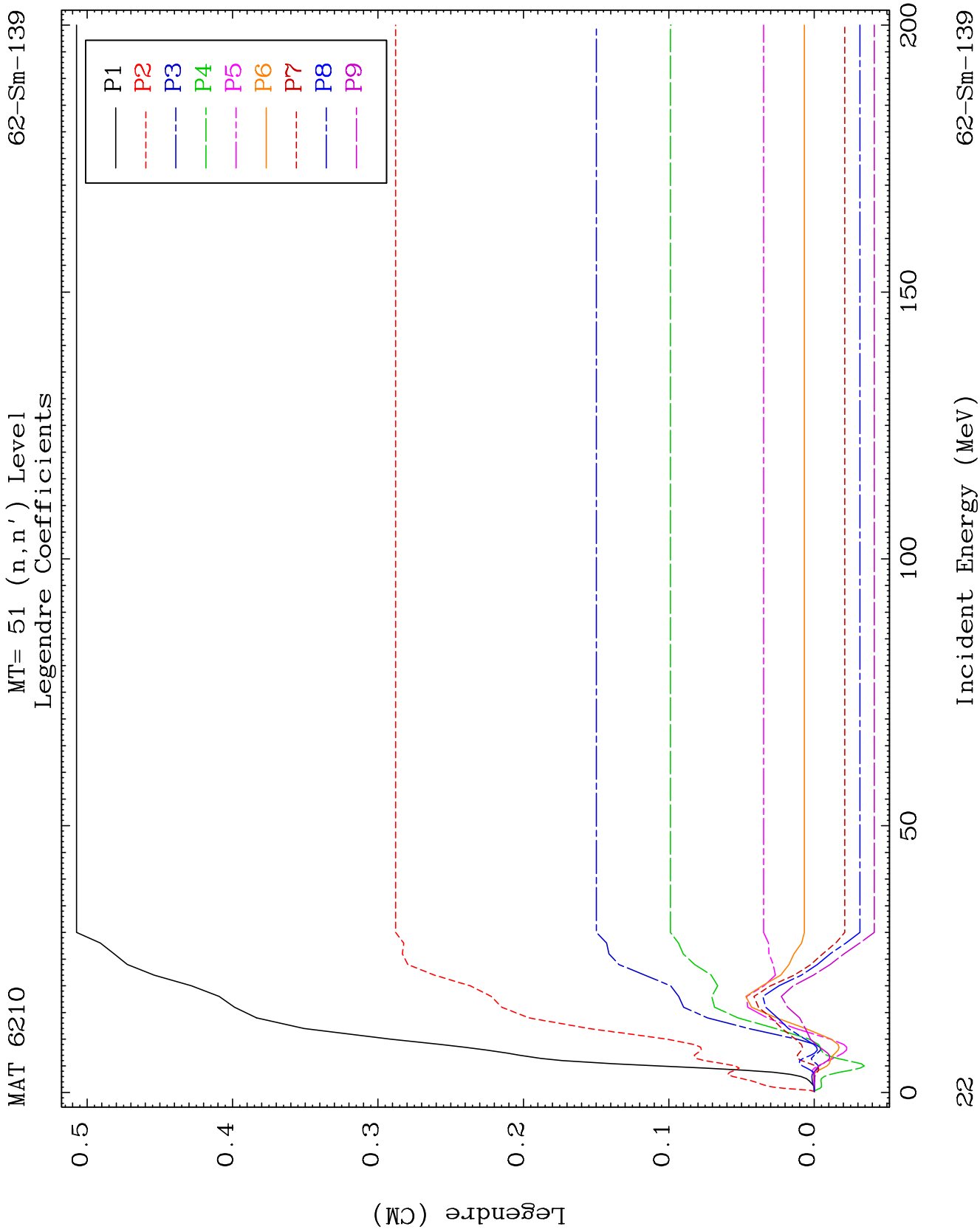








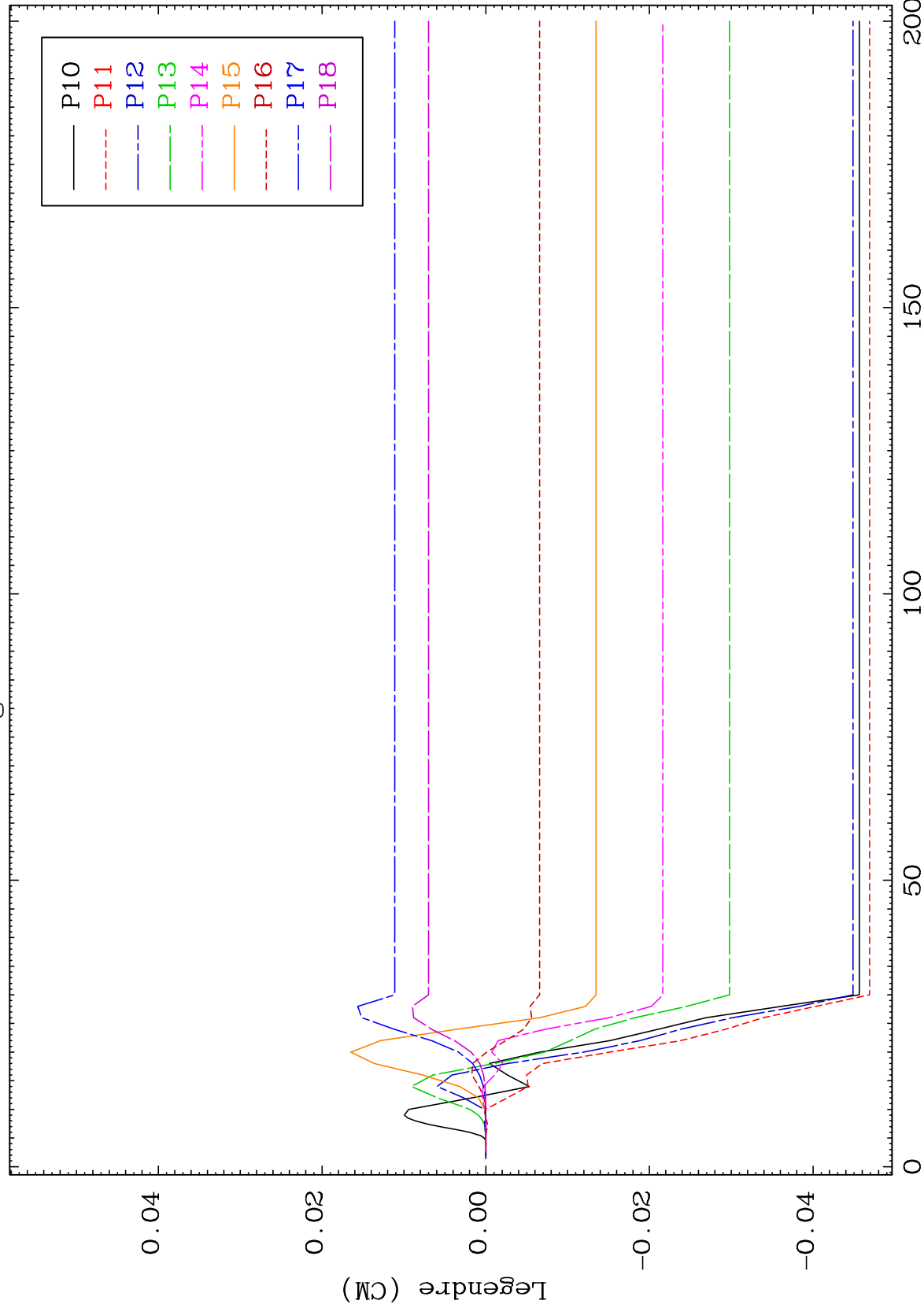




MAT 6210

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

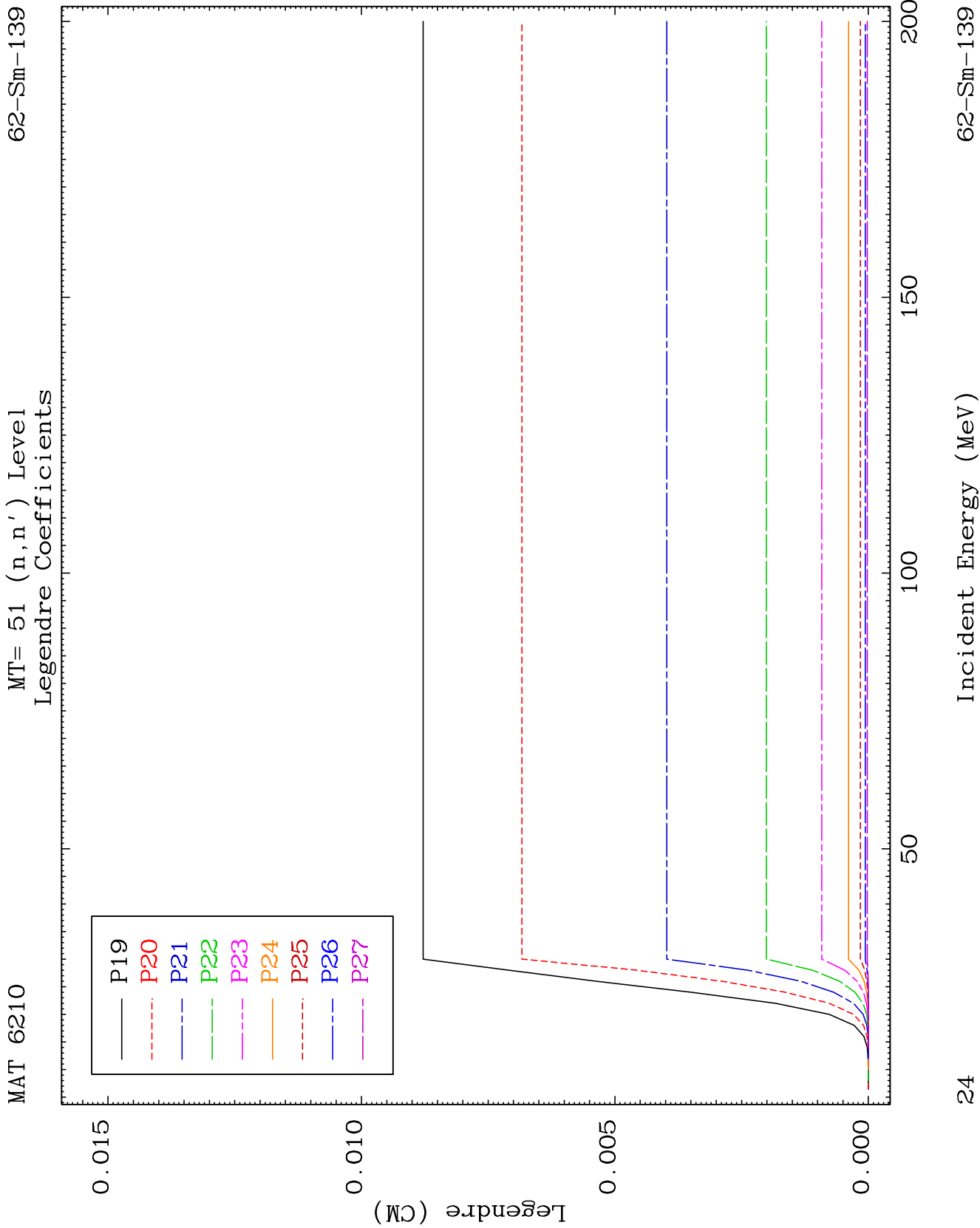
62-Sm-139

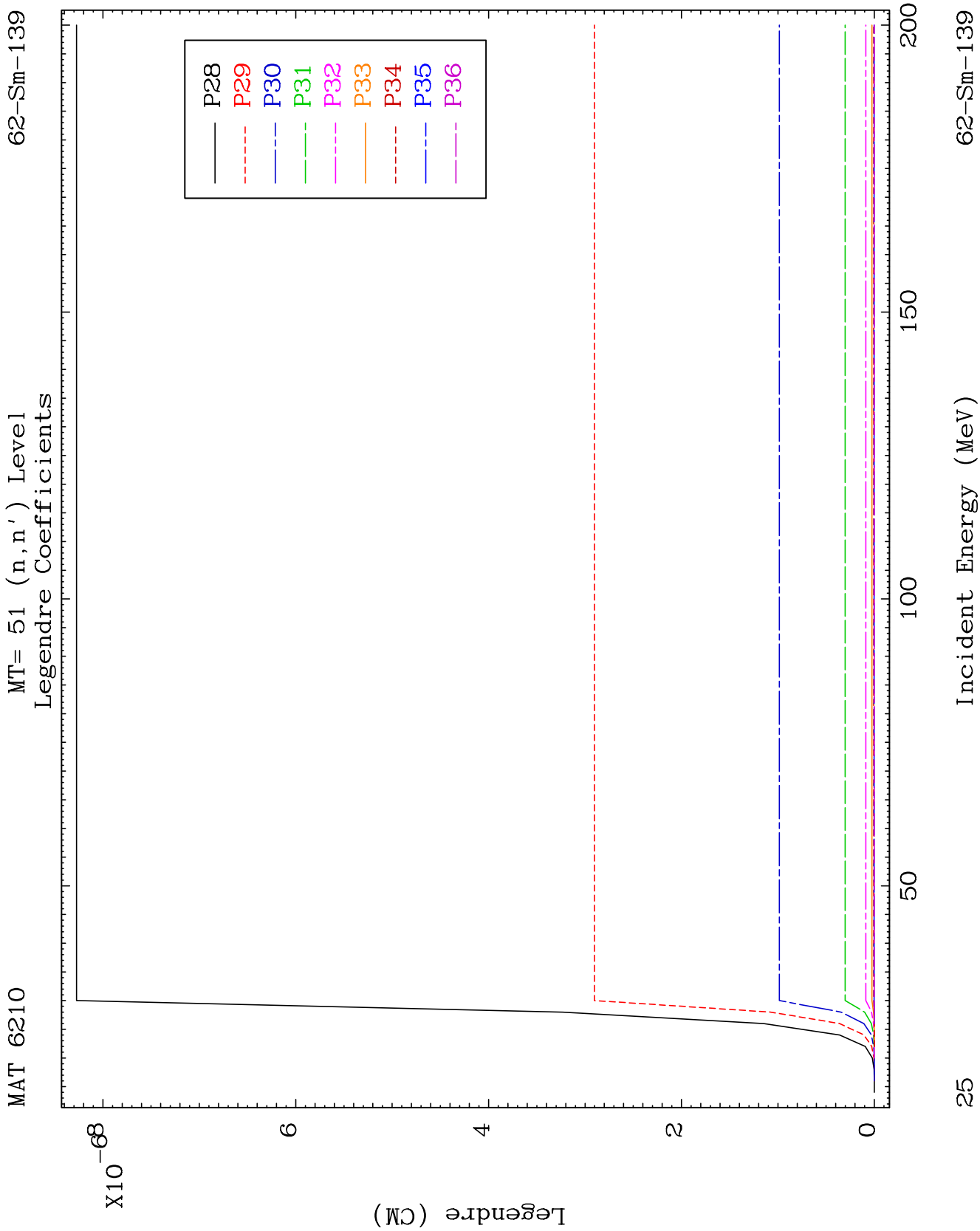


32

Incident Energy (MeV)

62-Sm-139

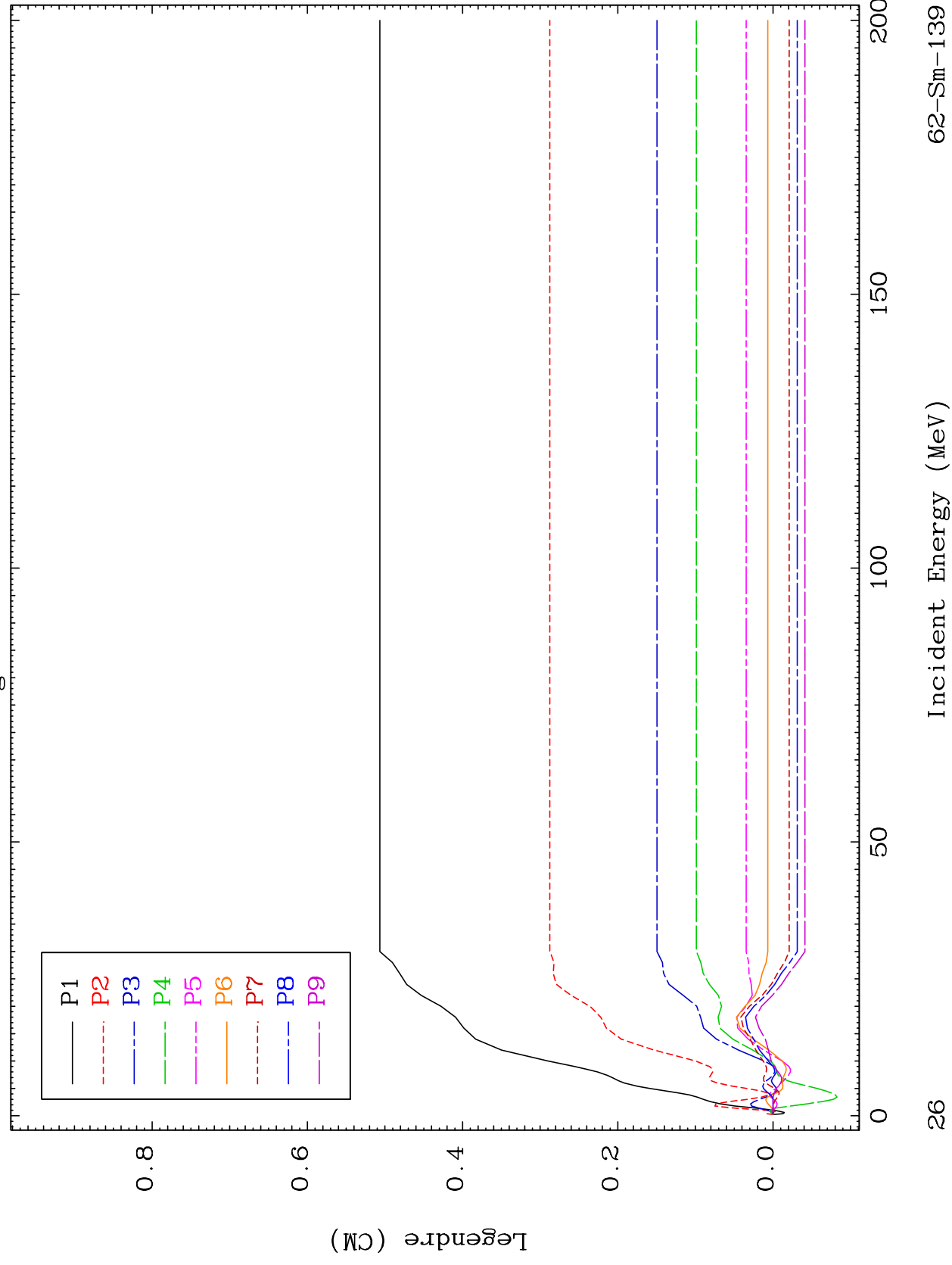




MAT 6210

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

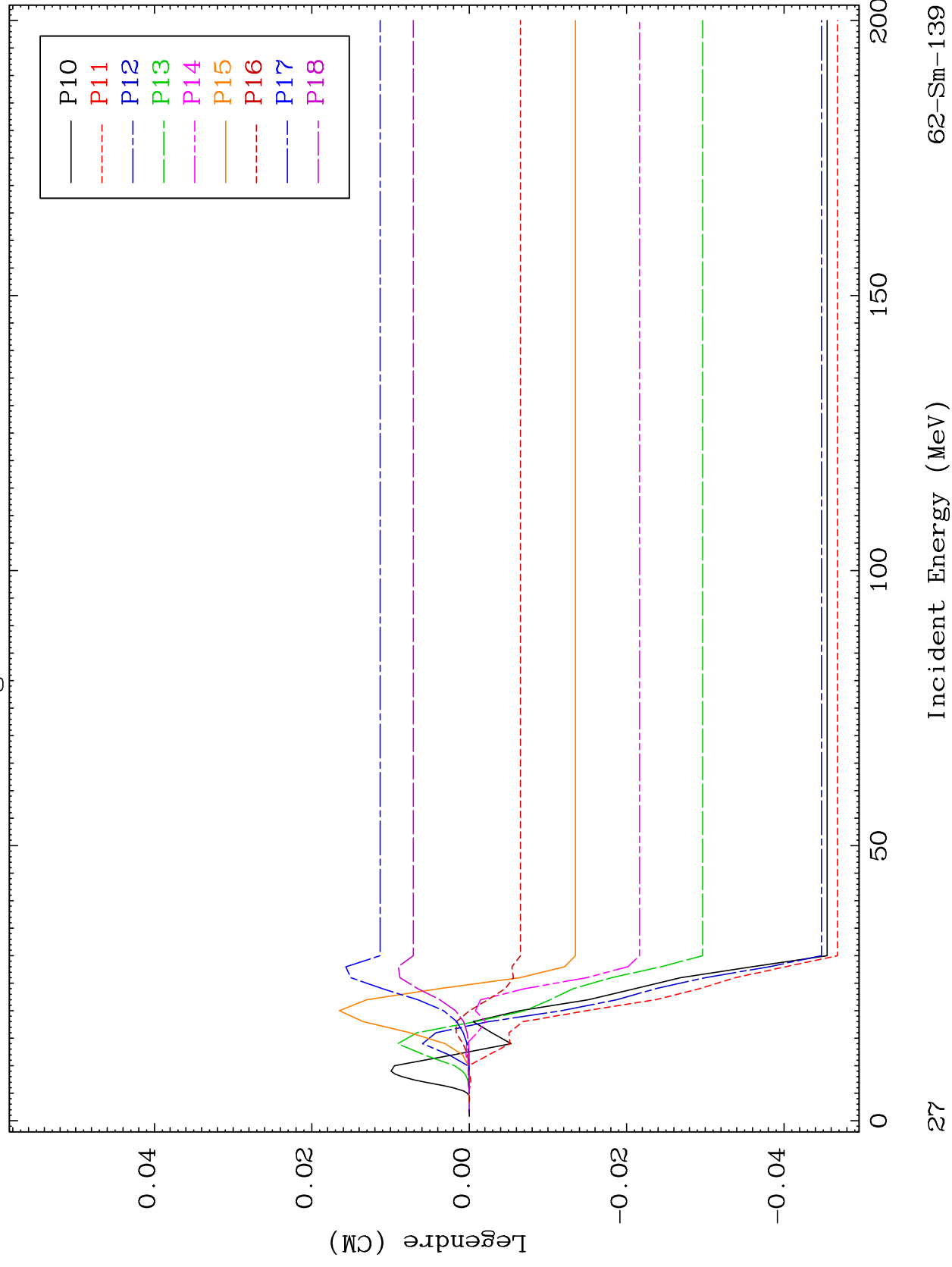
62-Sm-139



MAT 6210

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

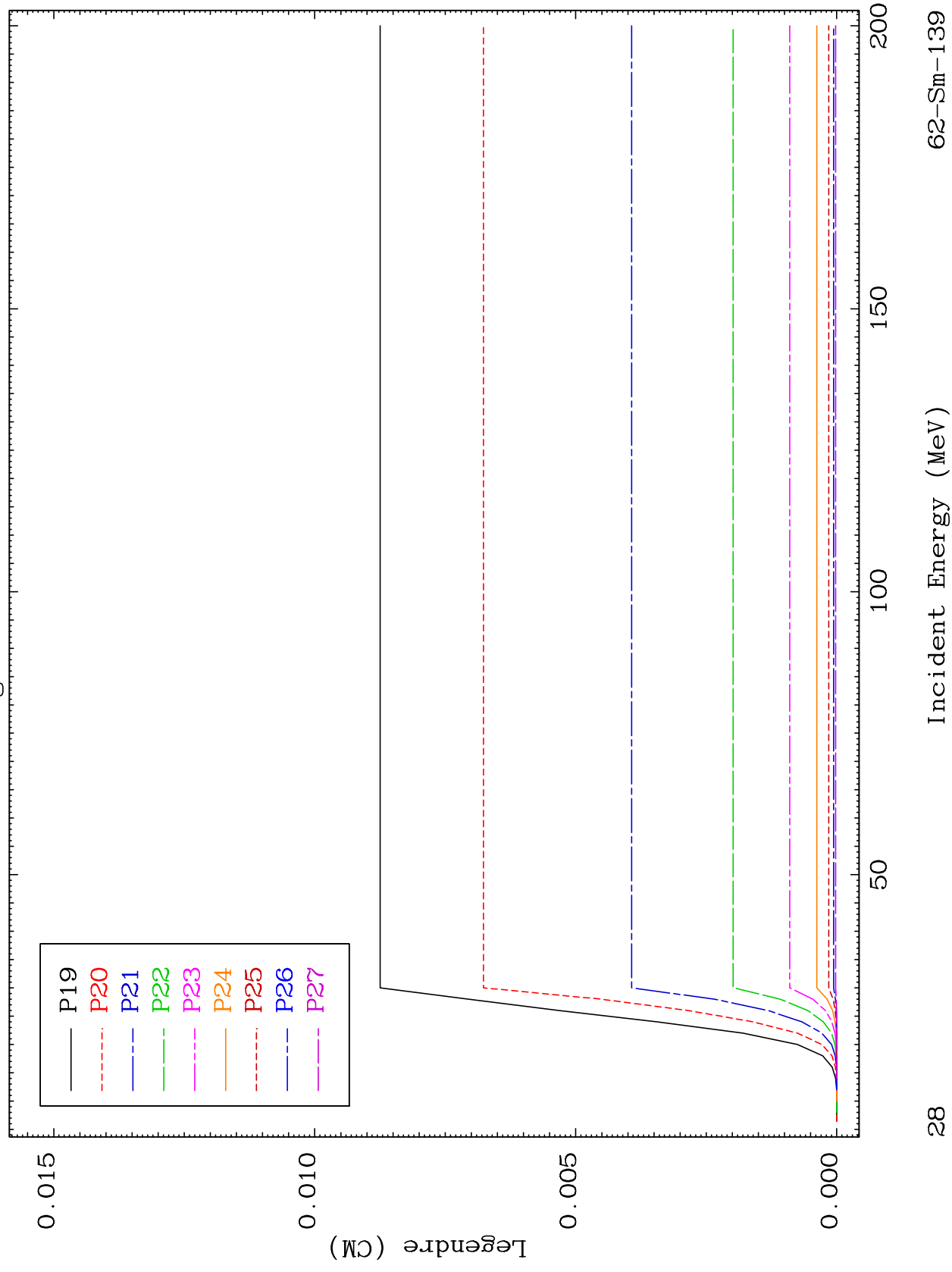
62-Sm-139

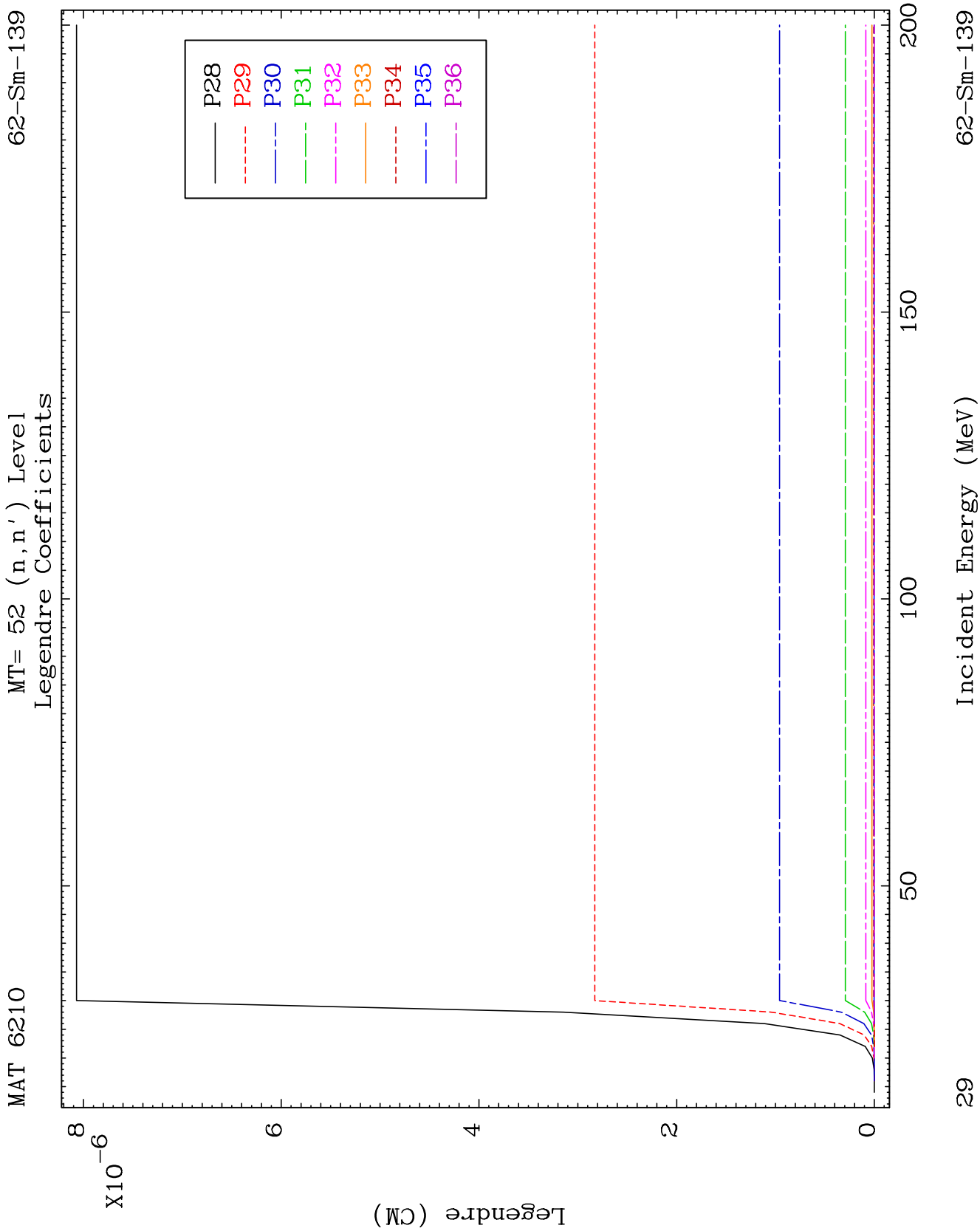


MAT 6210

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

62-Sm-139

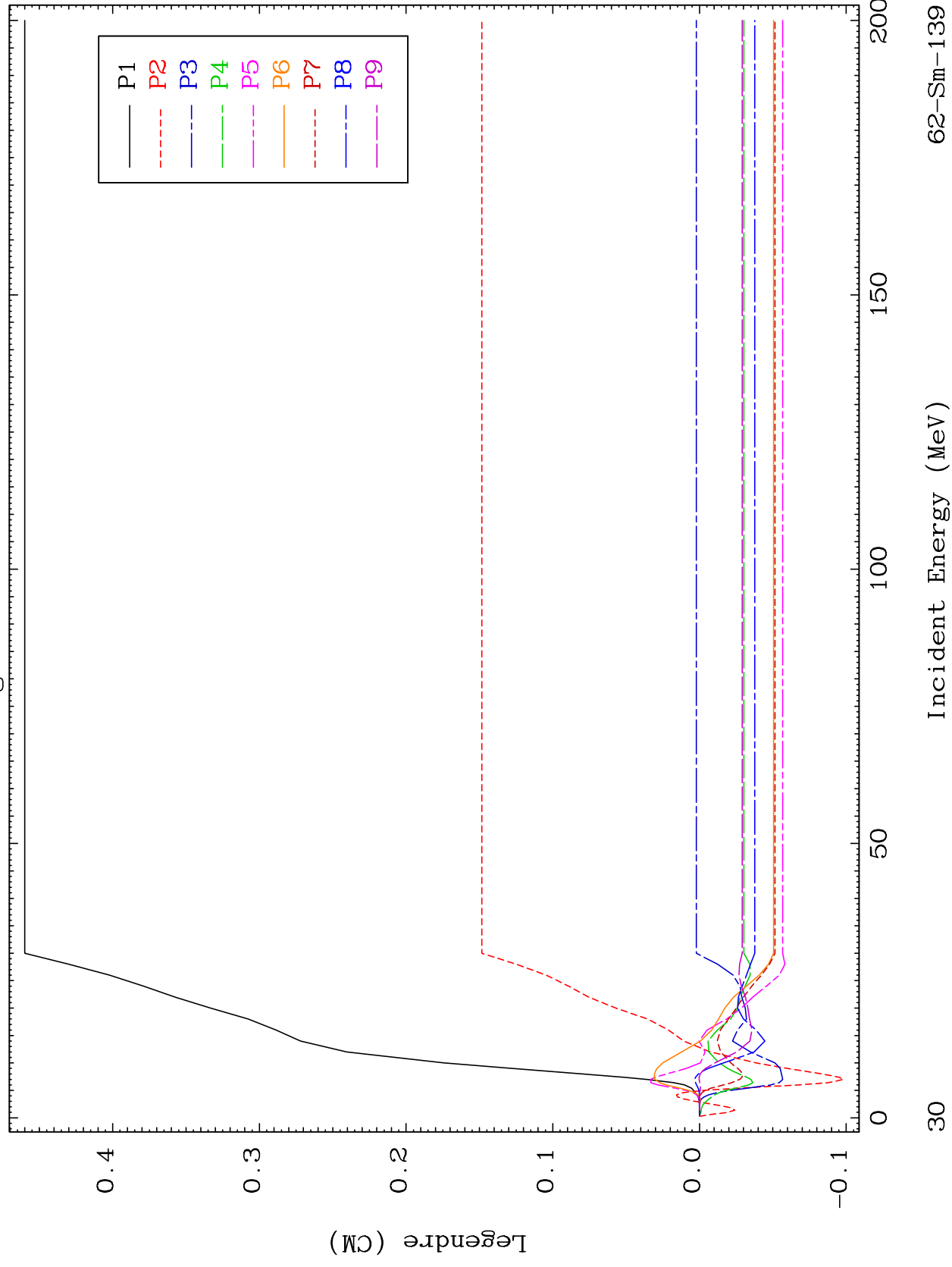




MAT 6210

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

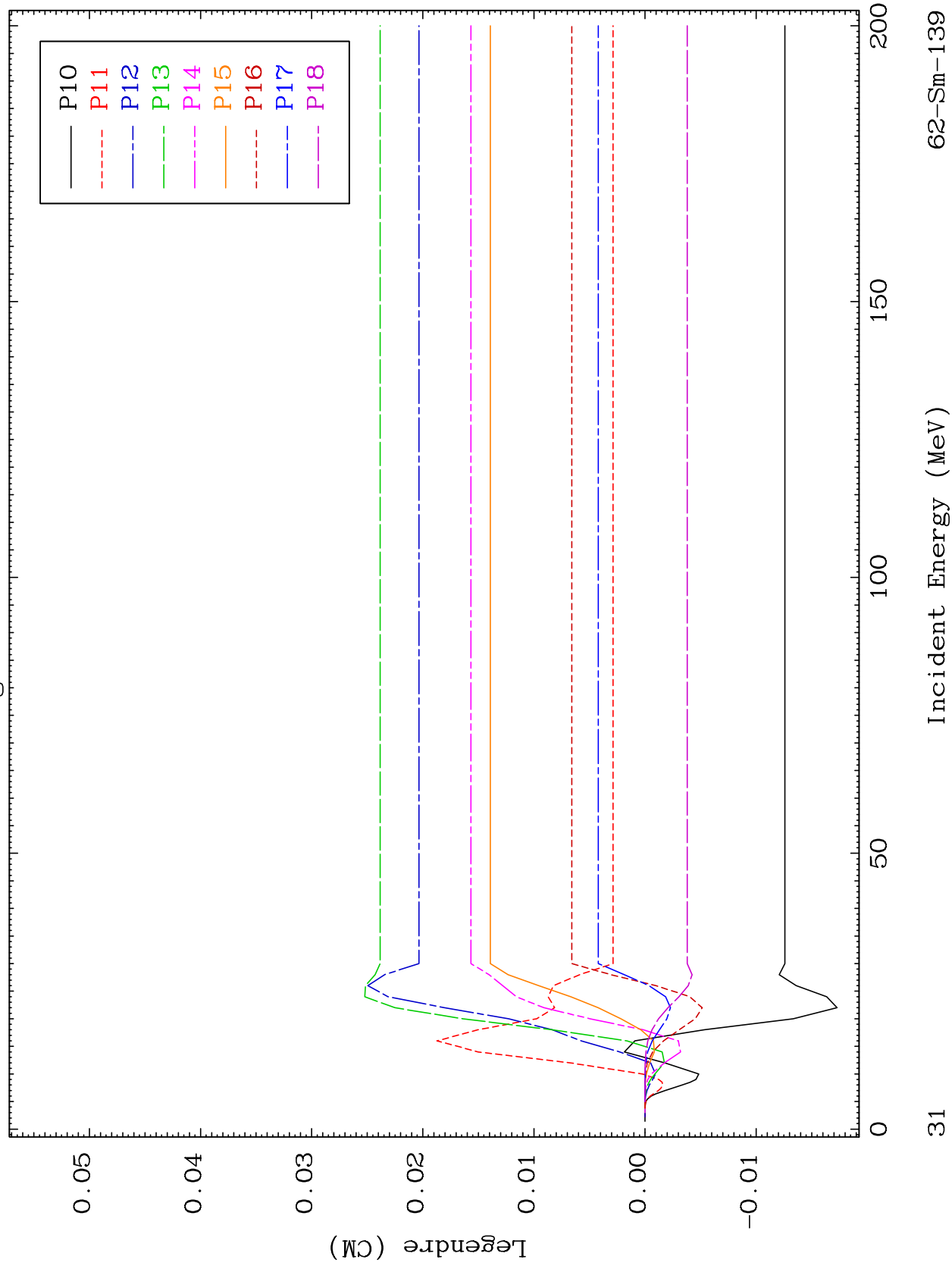
62-Sm-139

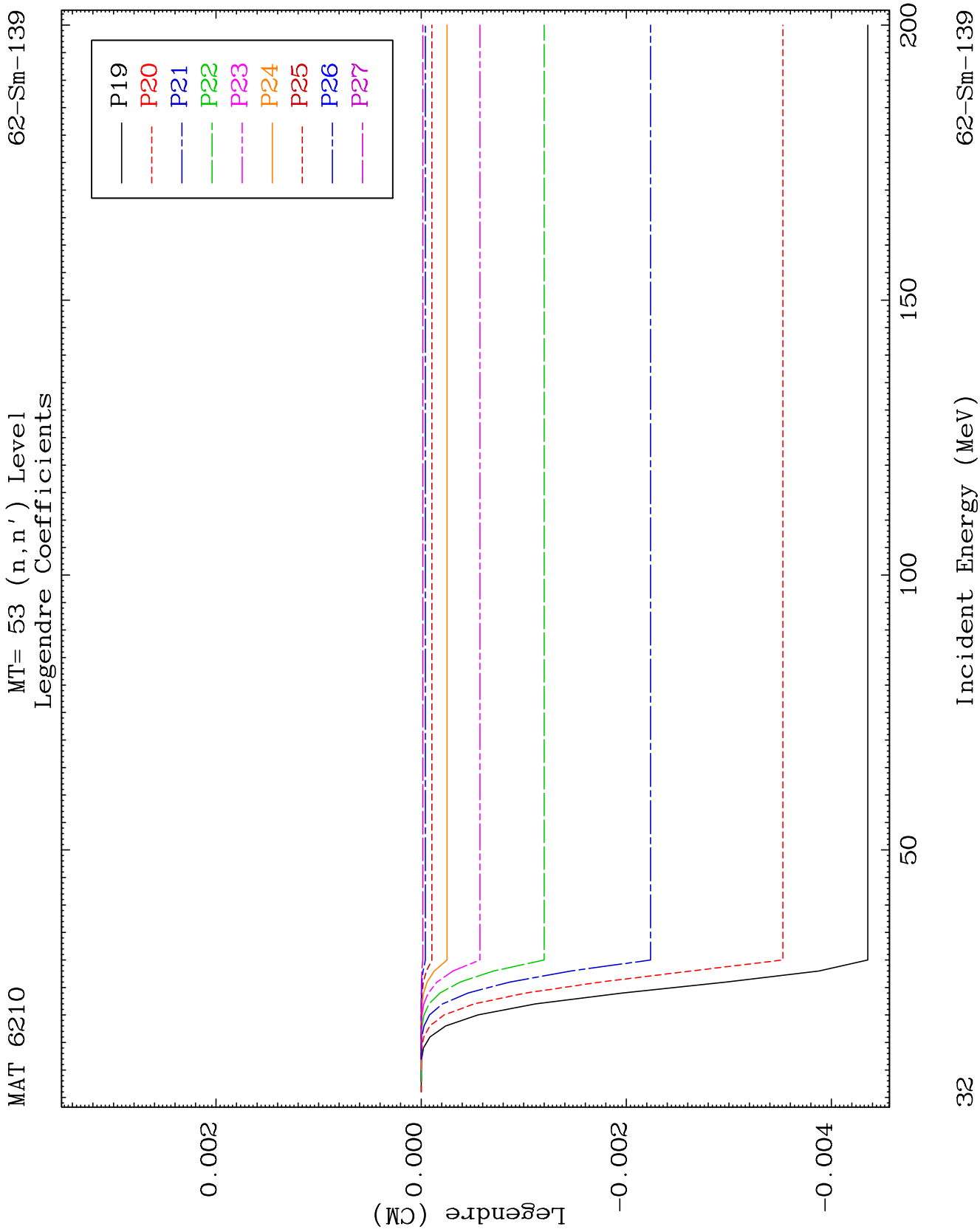


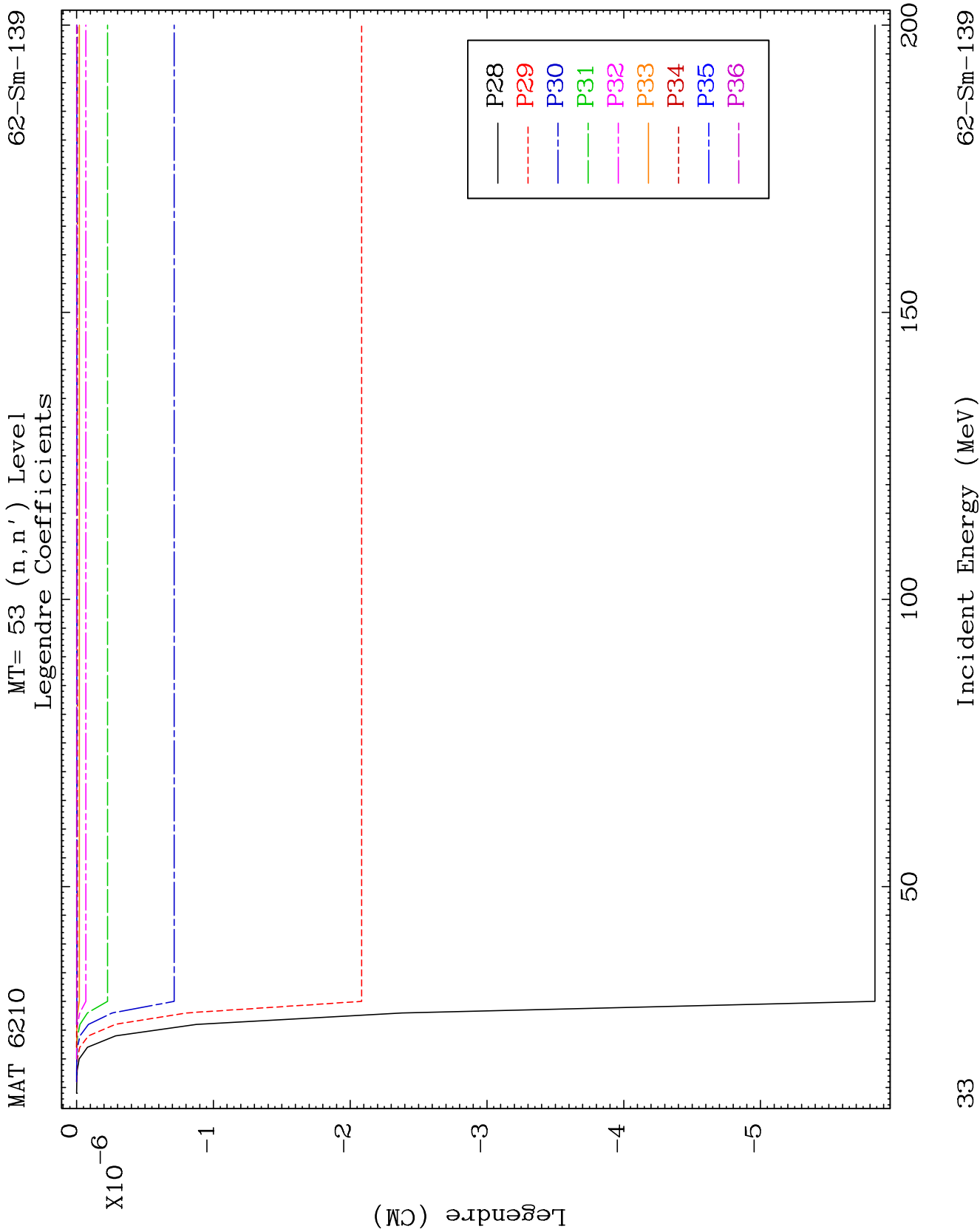
MAT 6210

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

62-Sm-139



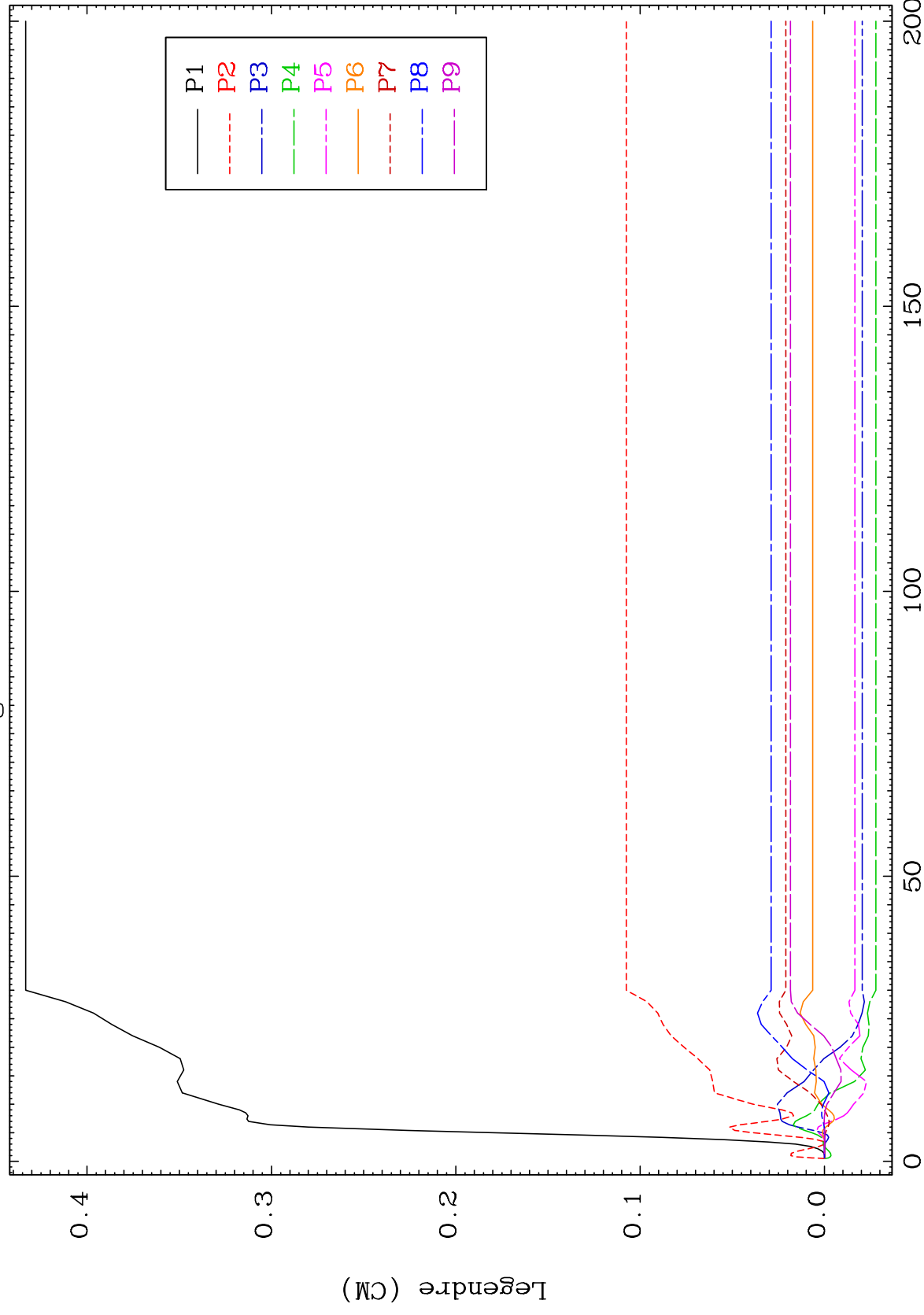




MAT 6210

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

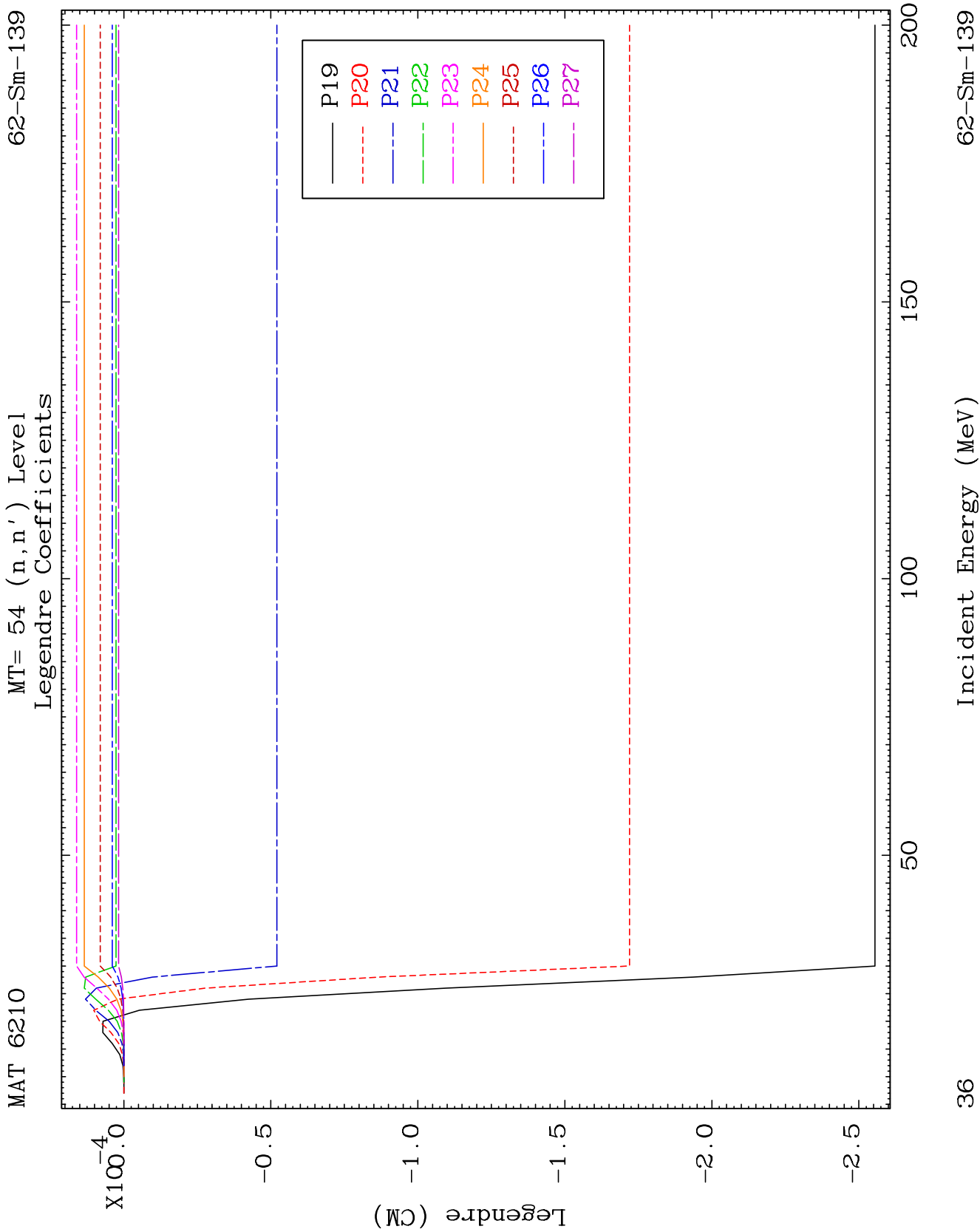
62-Sm-139

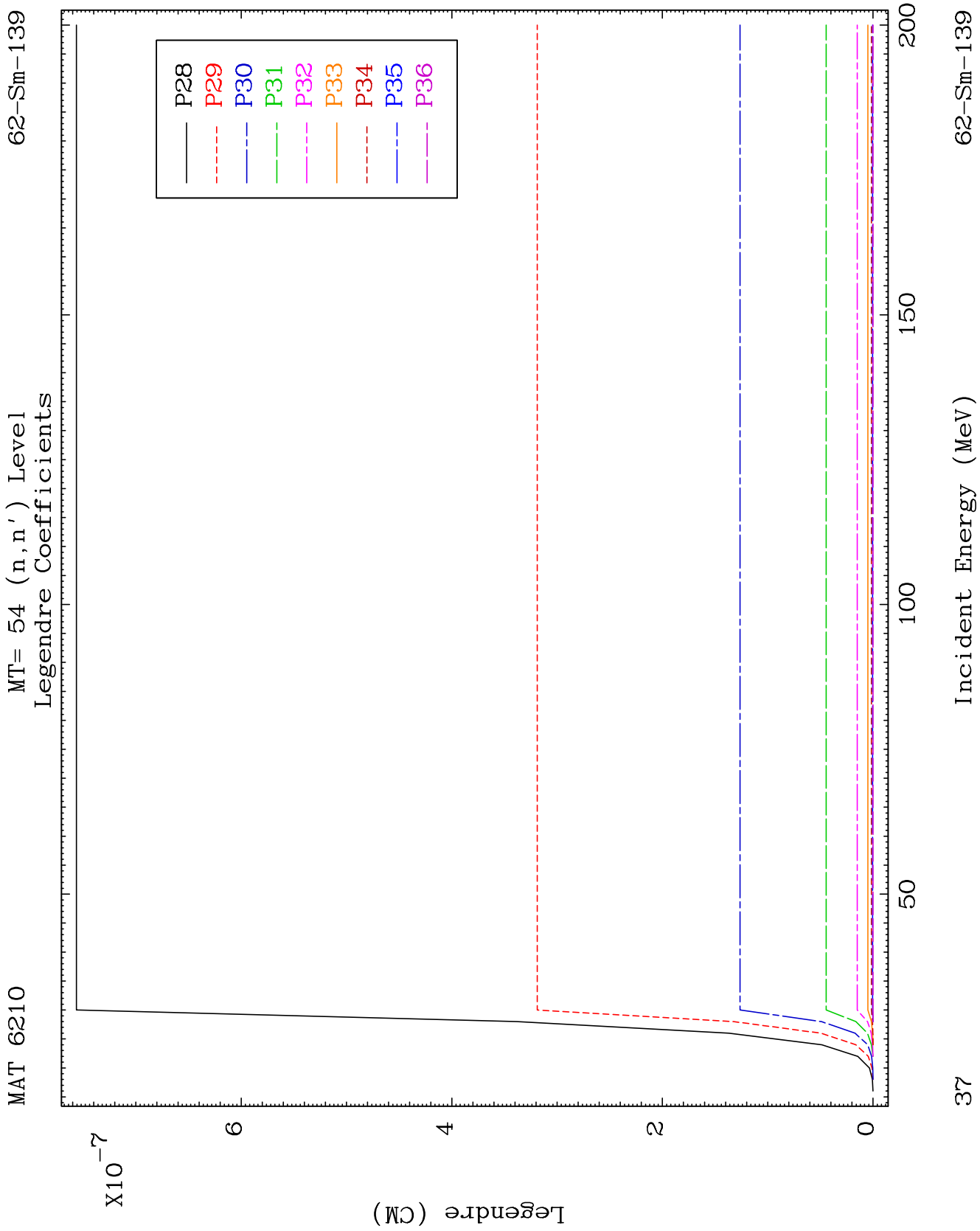


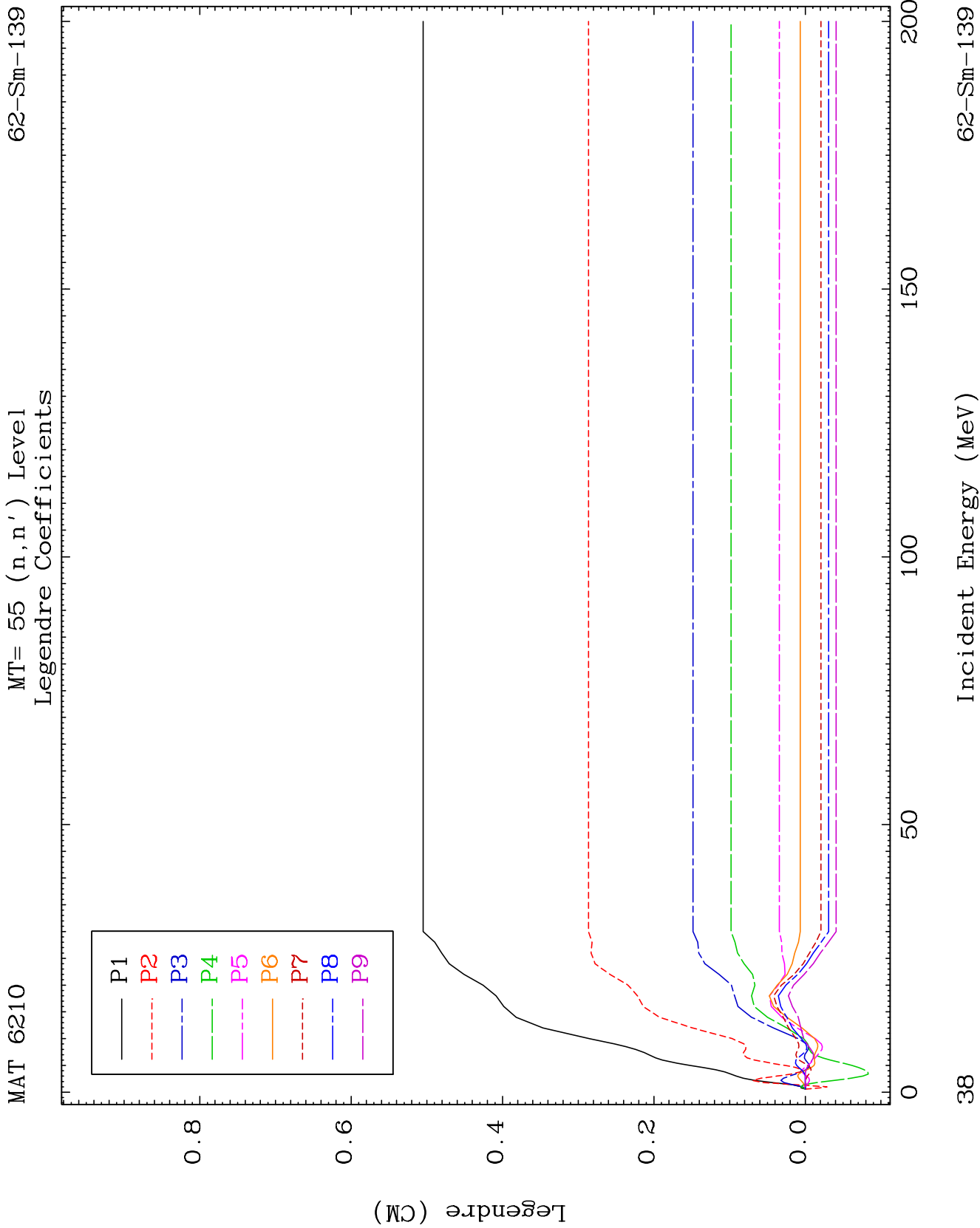
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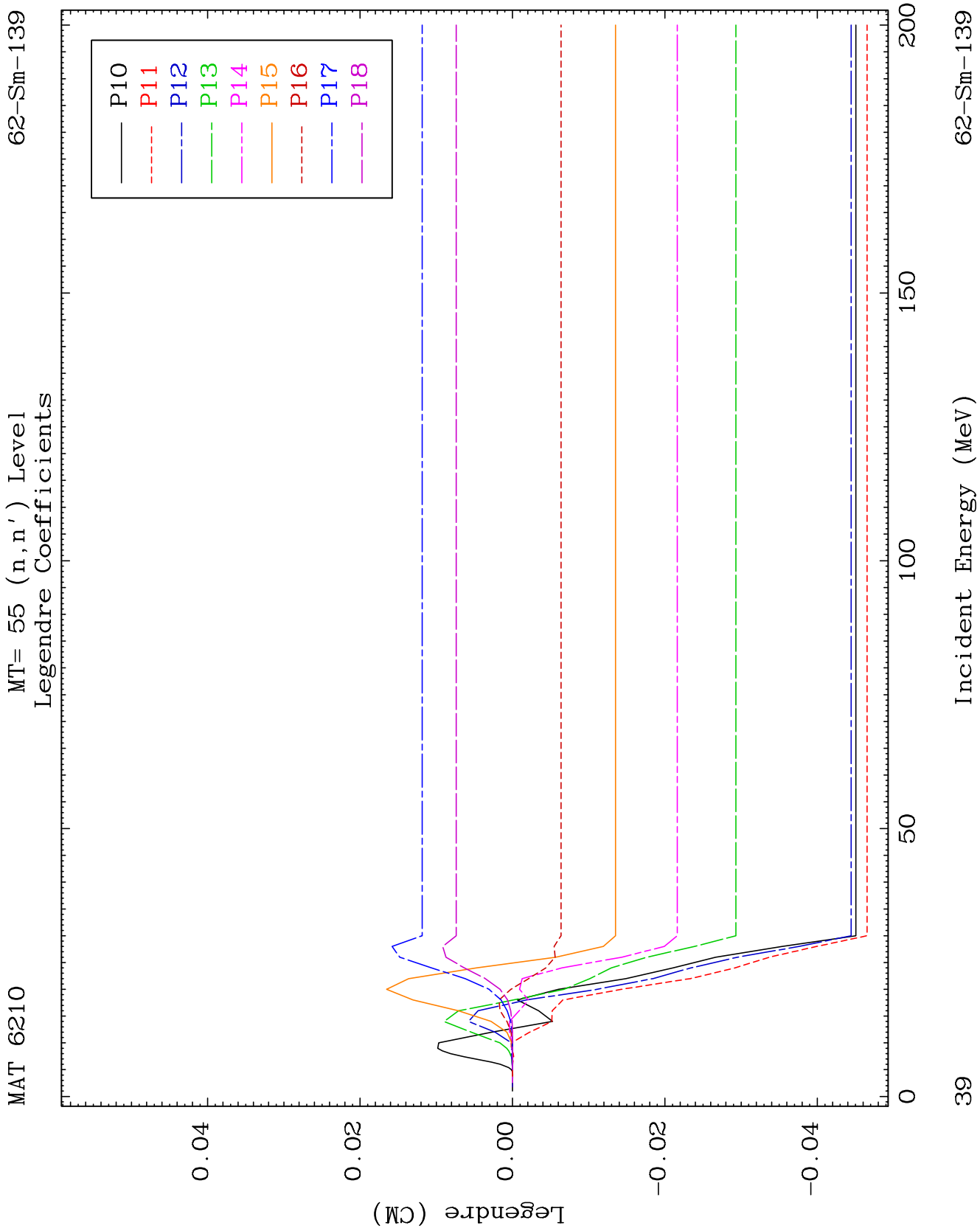
Incident Energy (MeV)

62-Sm-139





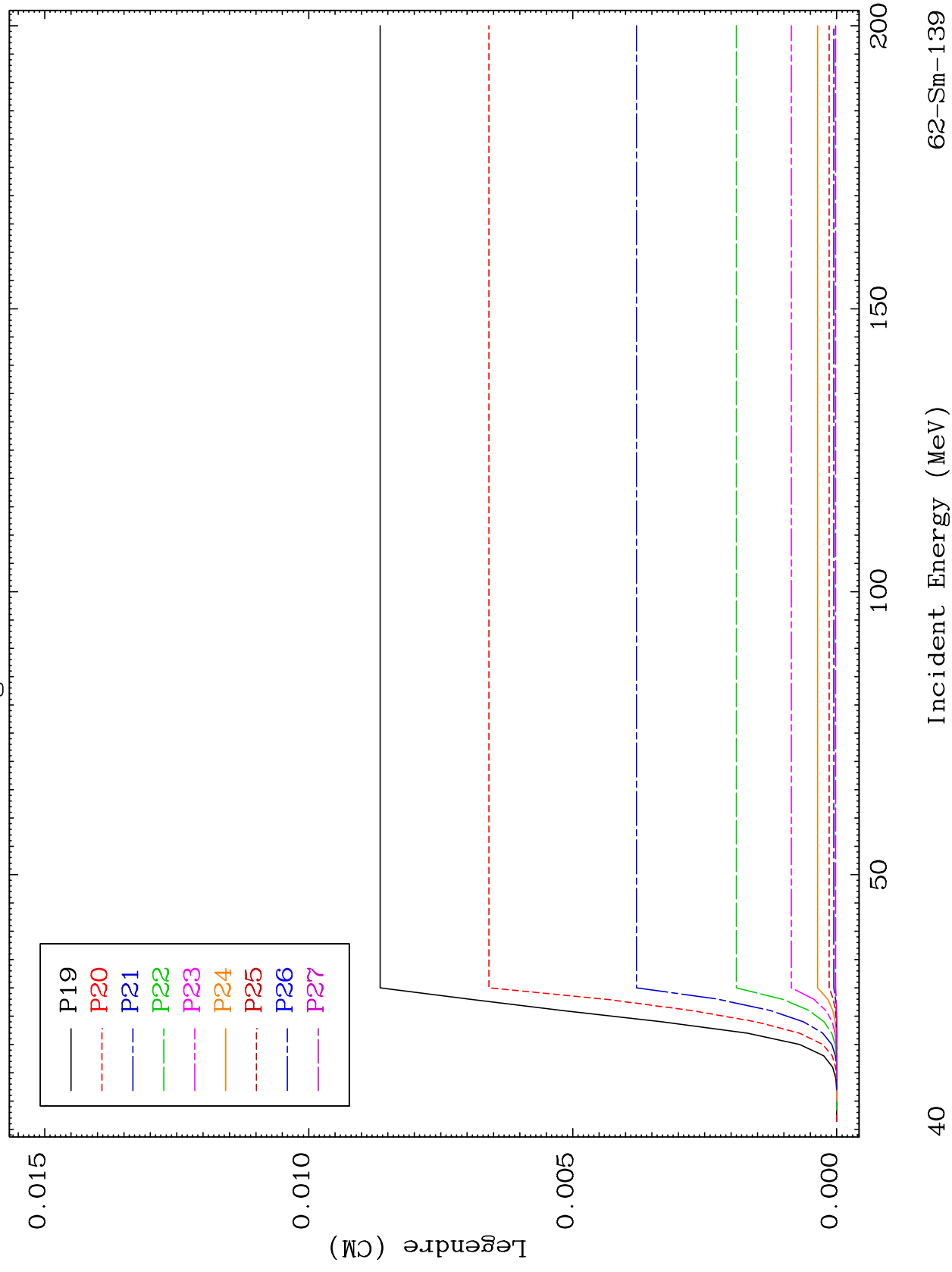


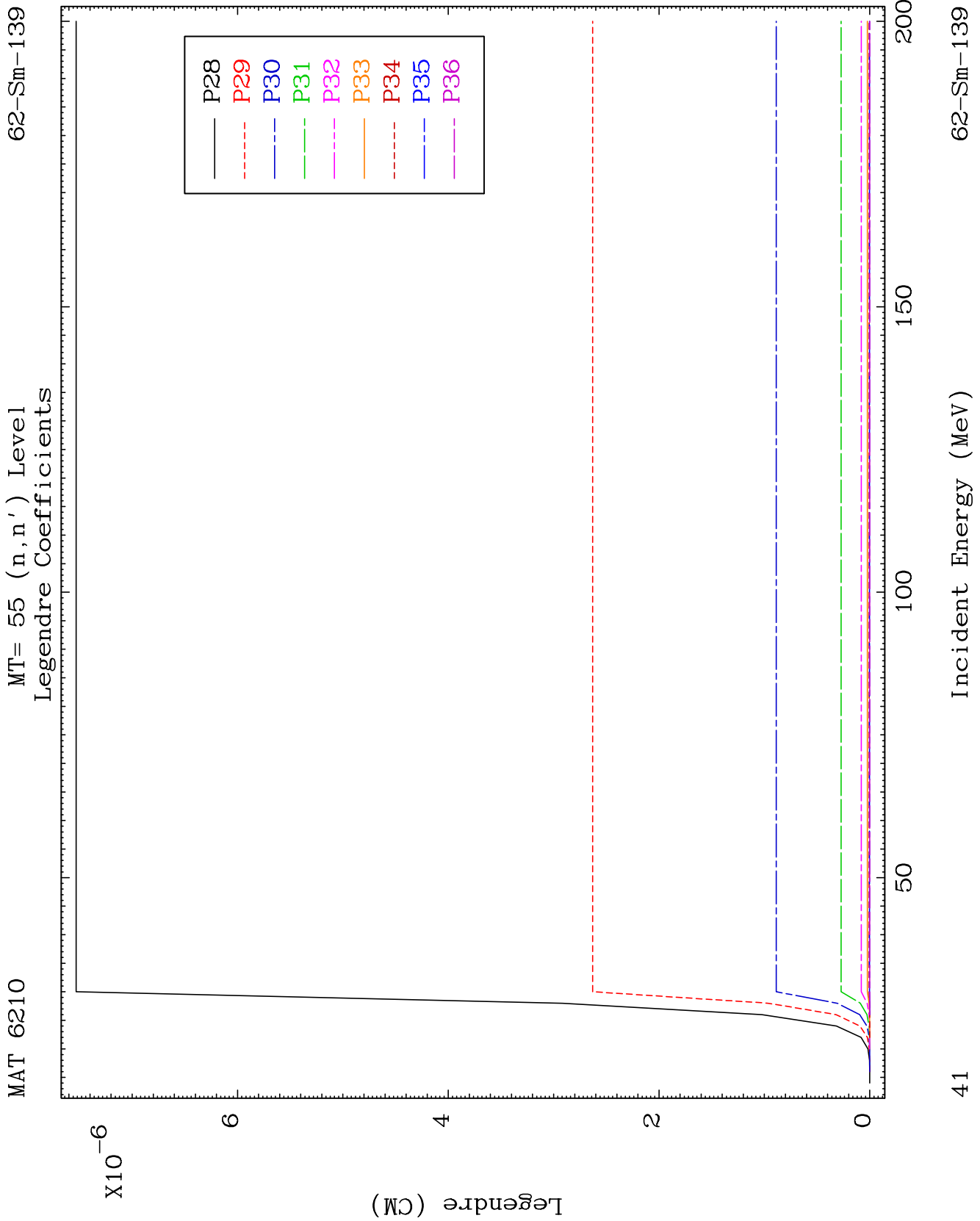


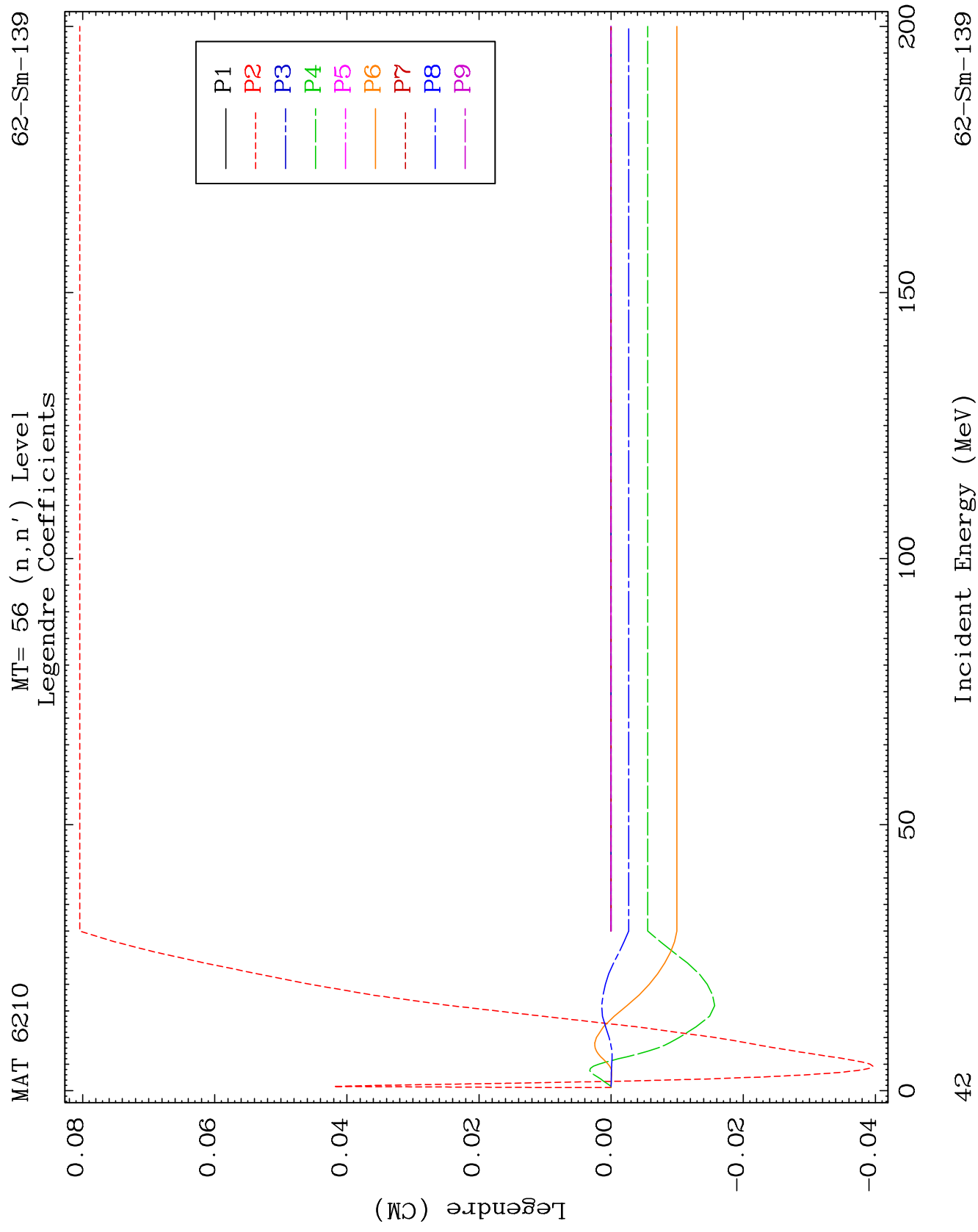
MAT 6210

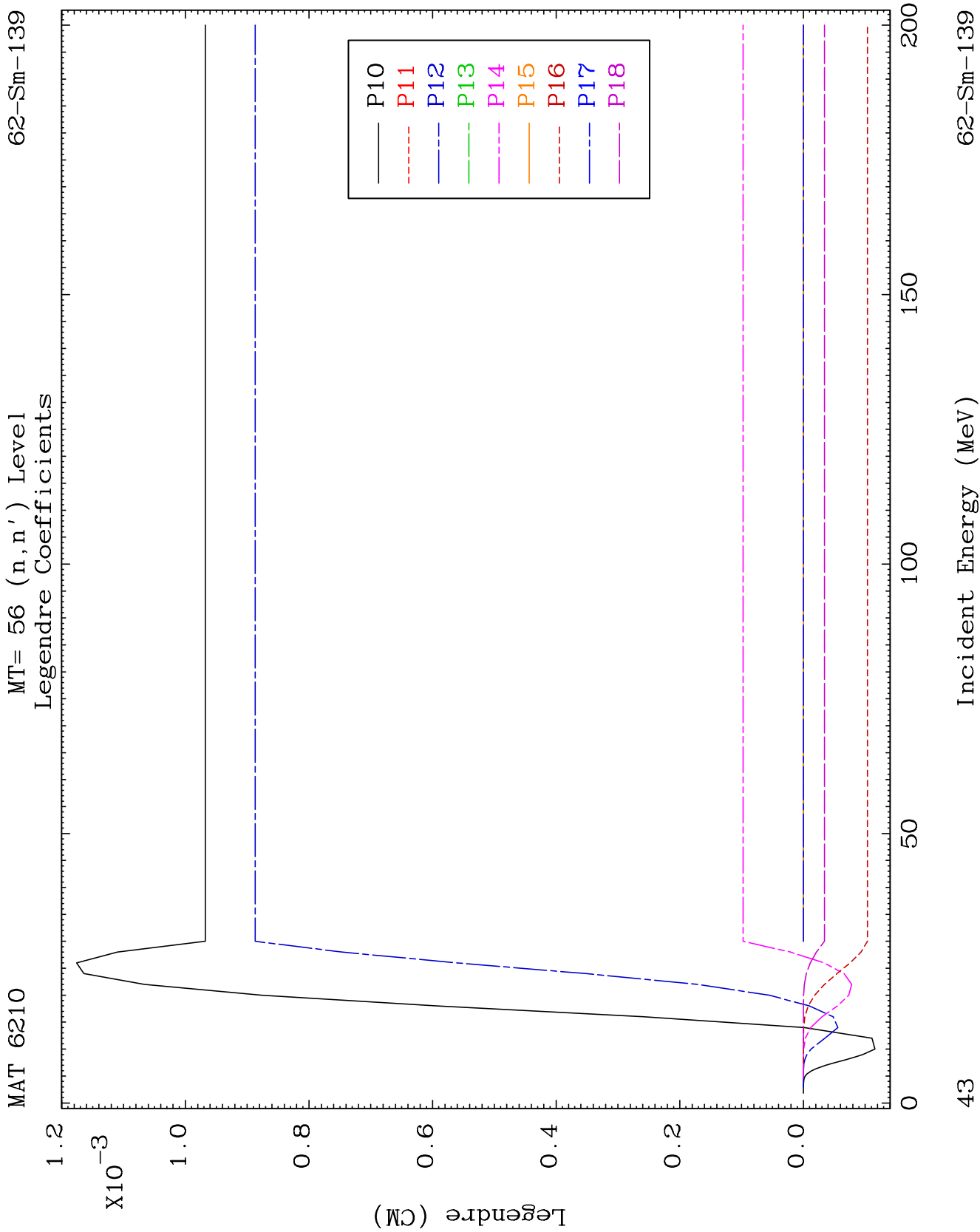
MT= 55 (n, n') Level
Legendre Coefficients

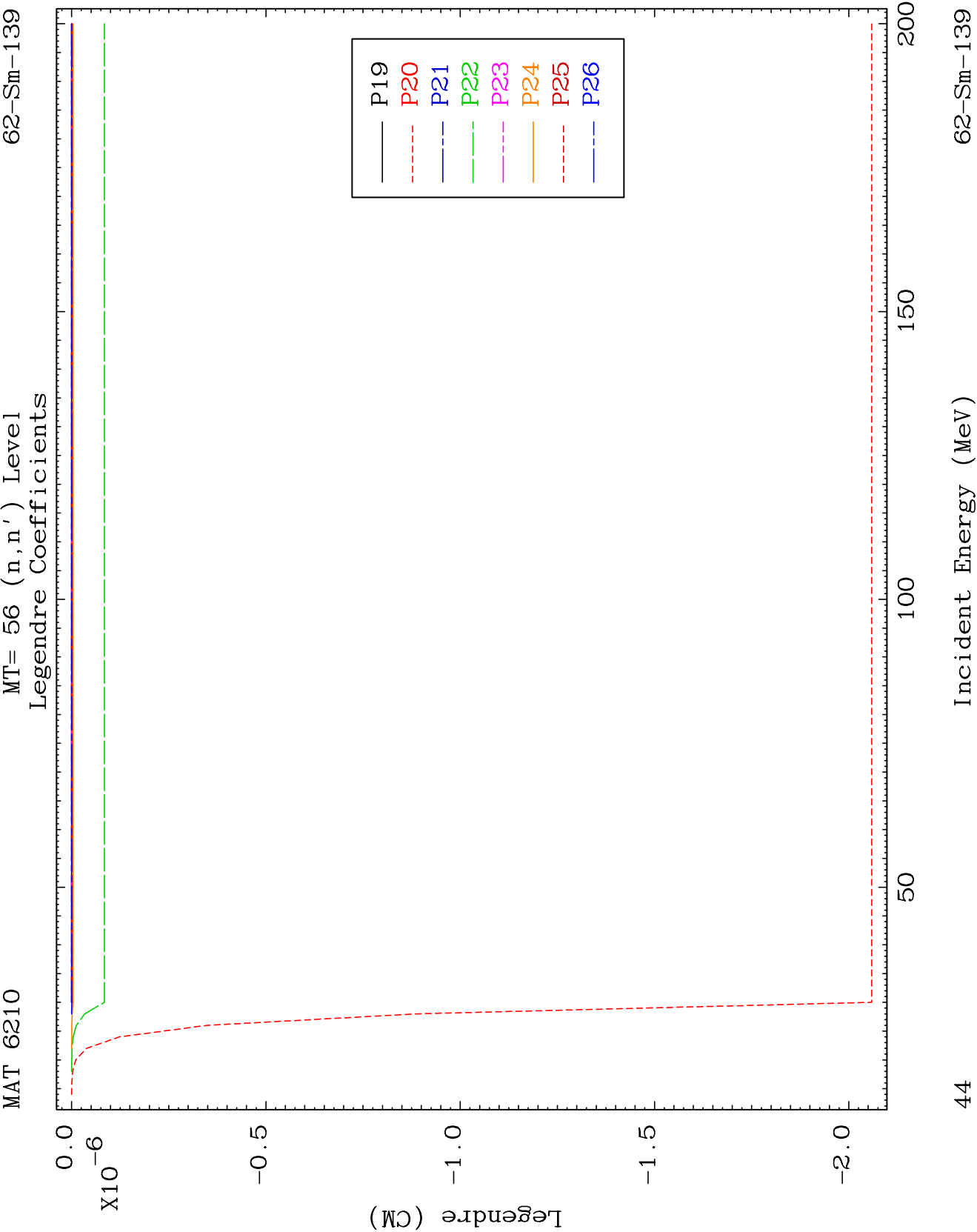
62-Sm-139

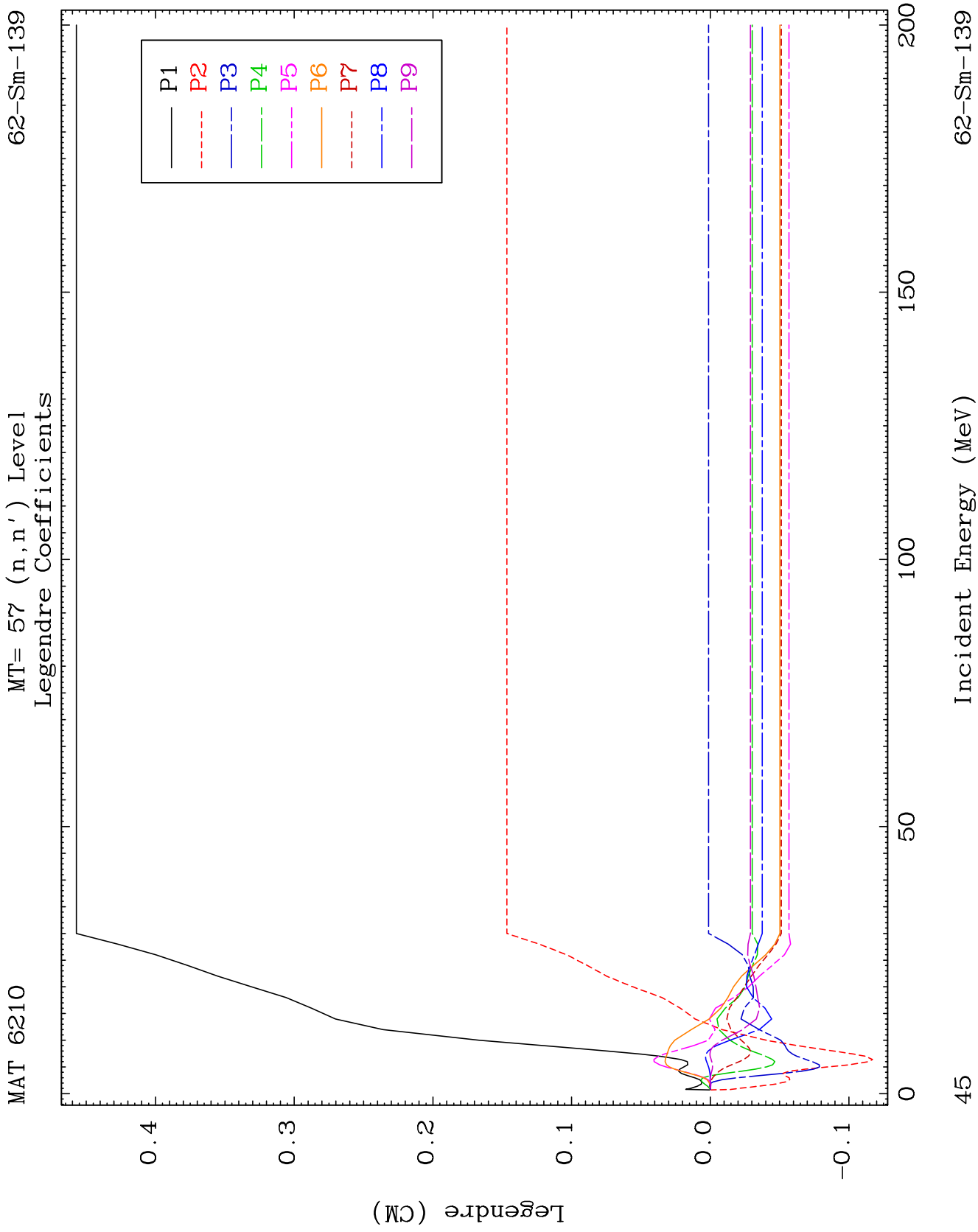


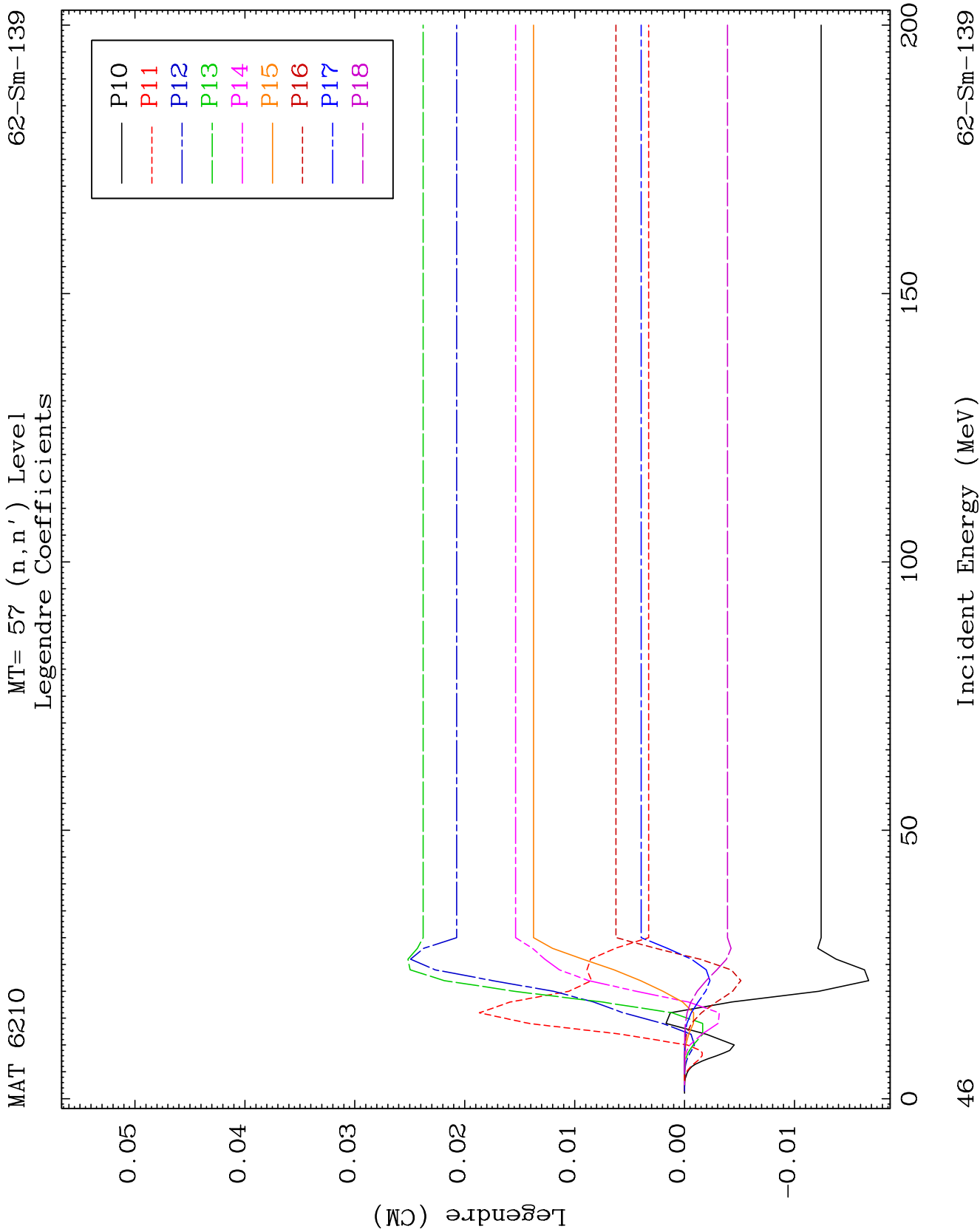








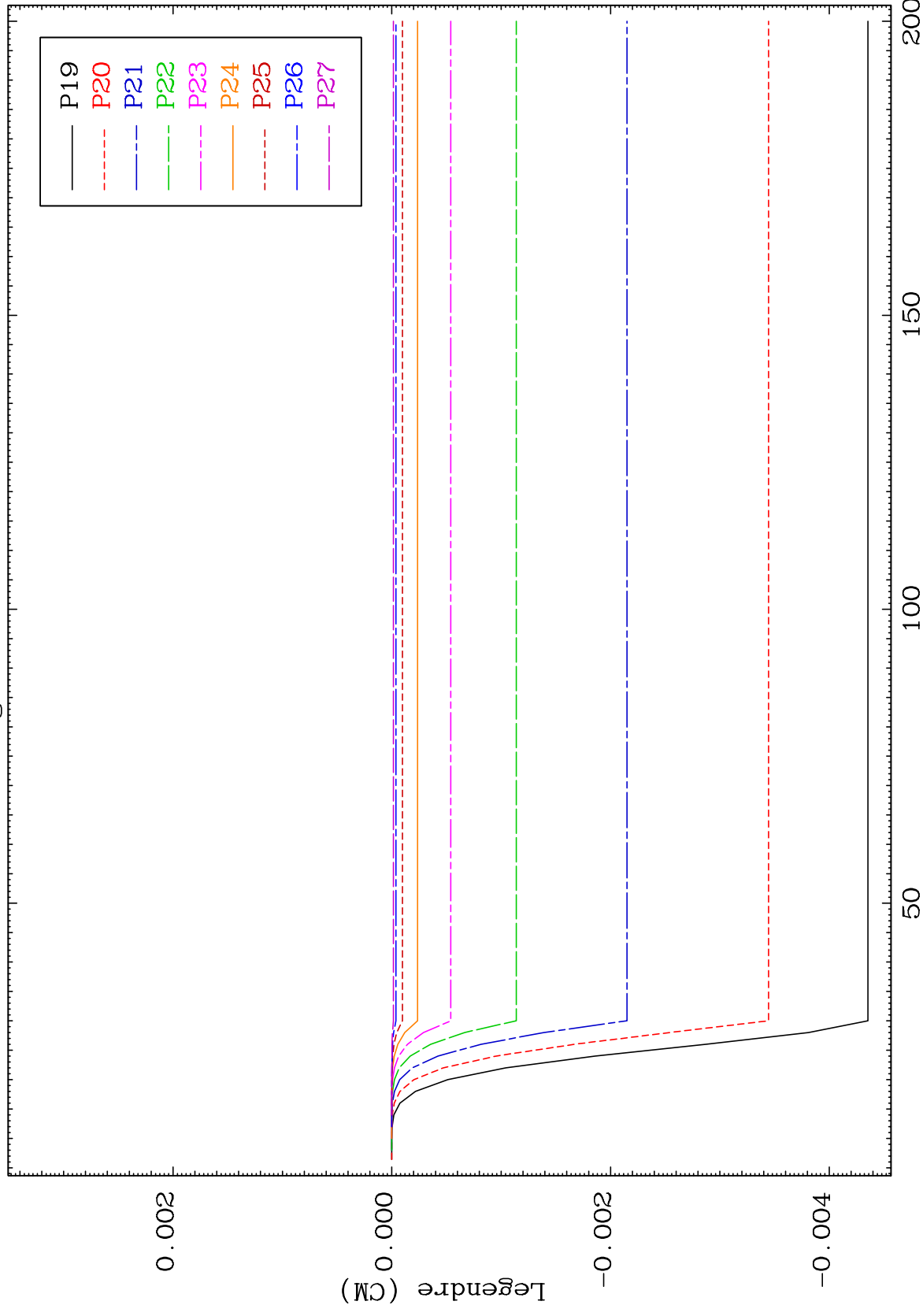




MAT 6210

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

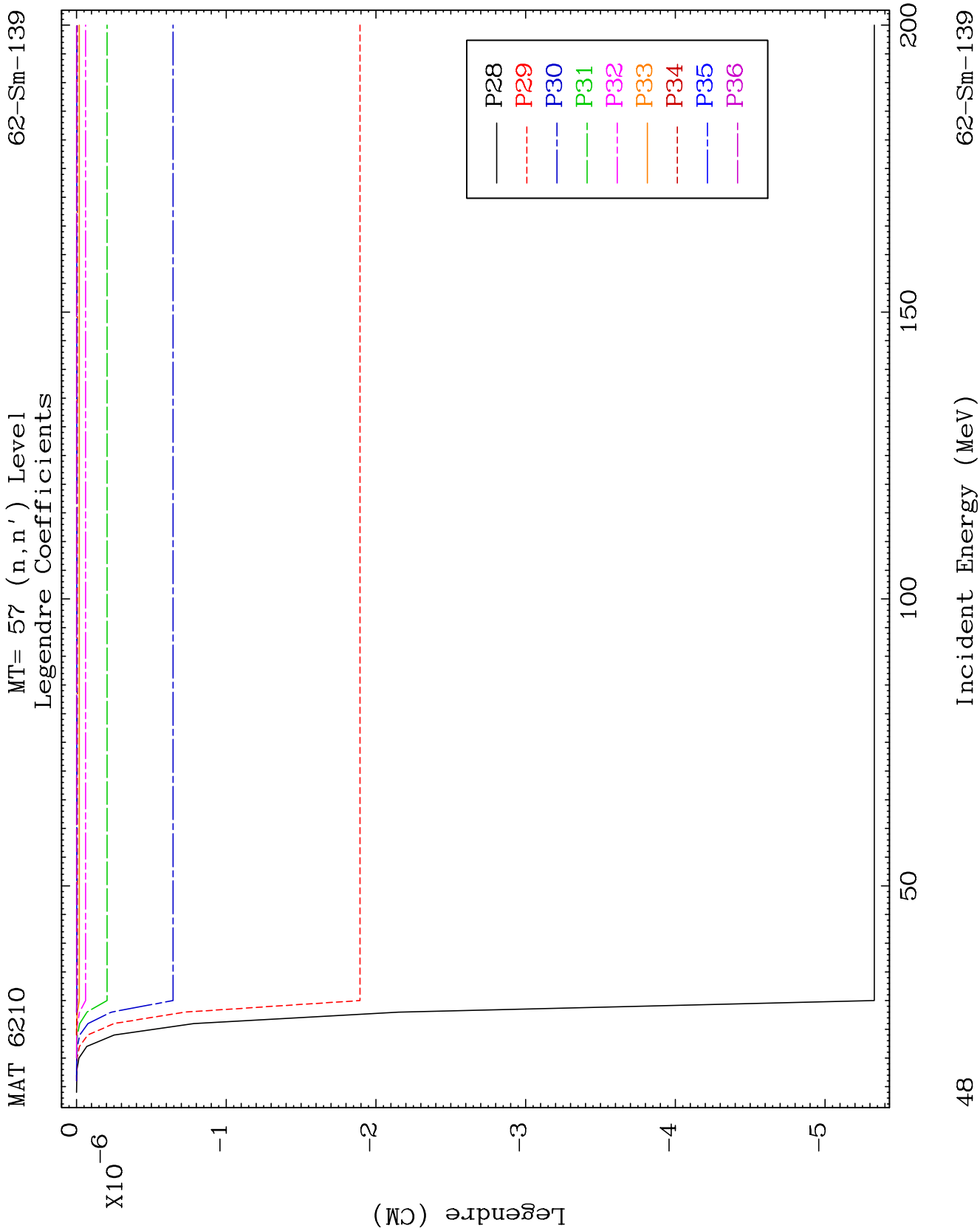
62-Sm-139



24

Incident Energy (MeV)

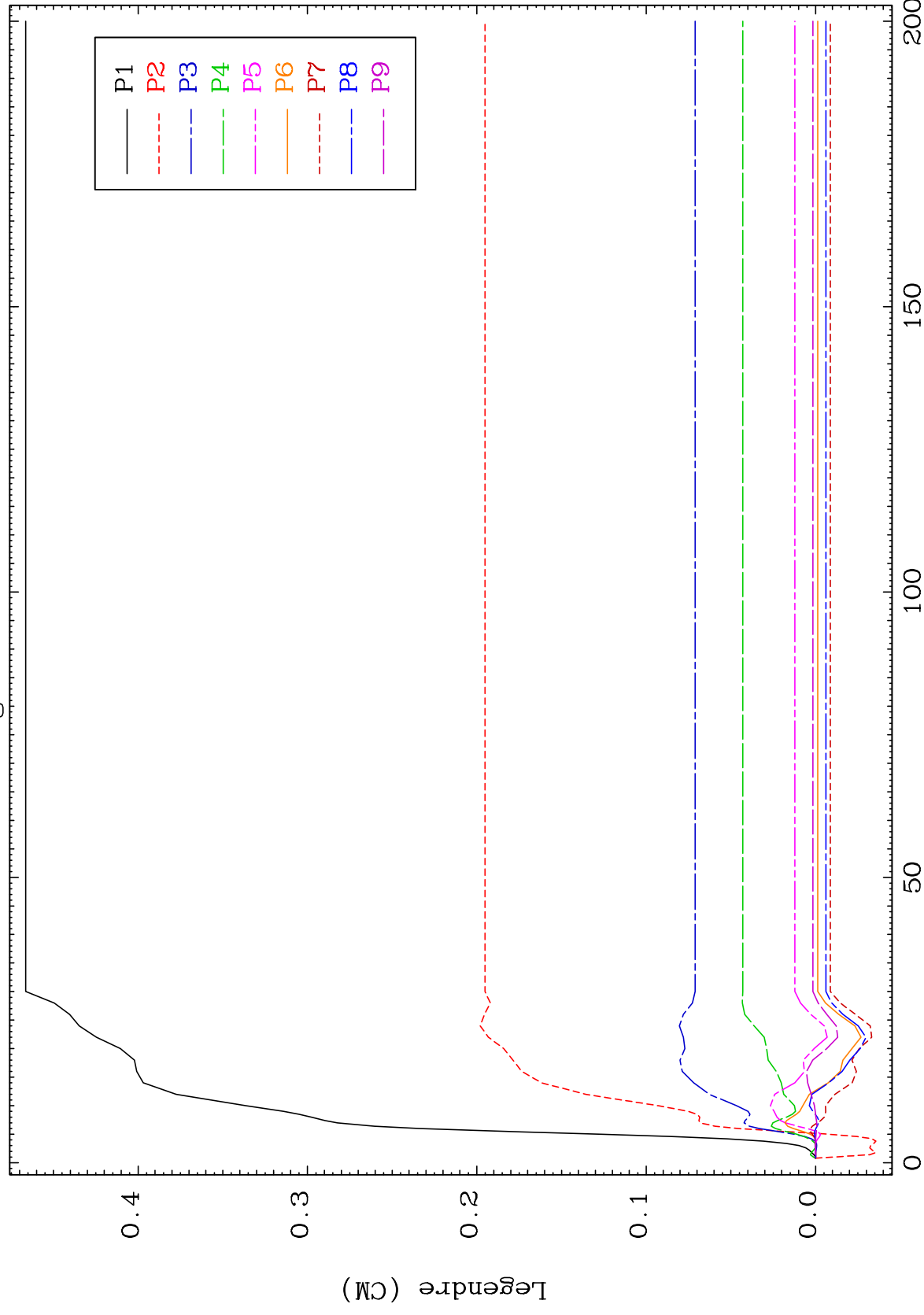
62-Sm-139



MAT 6210

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

62-Sm-139



49

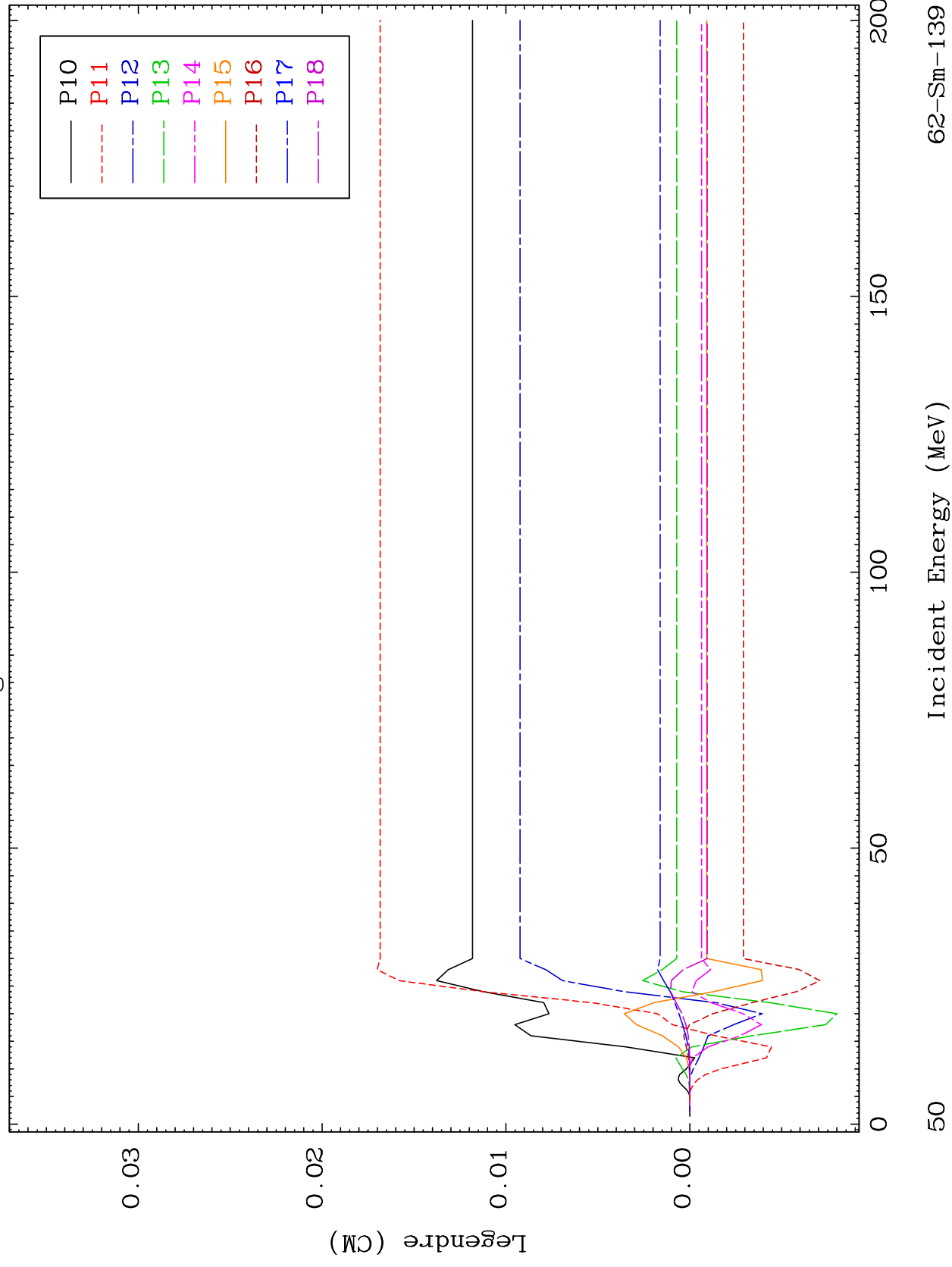
Incident Energy (MeV)

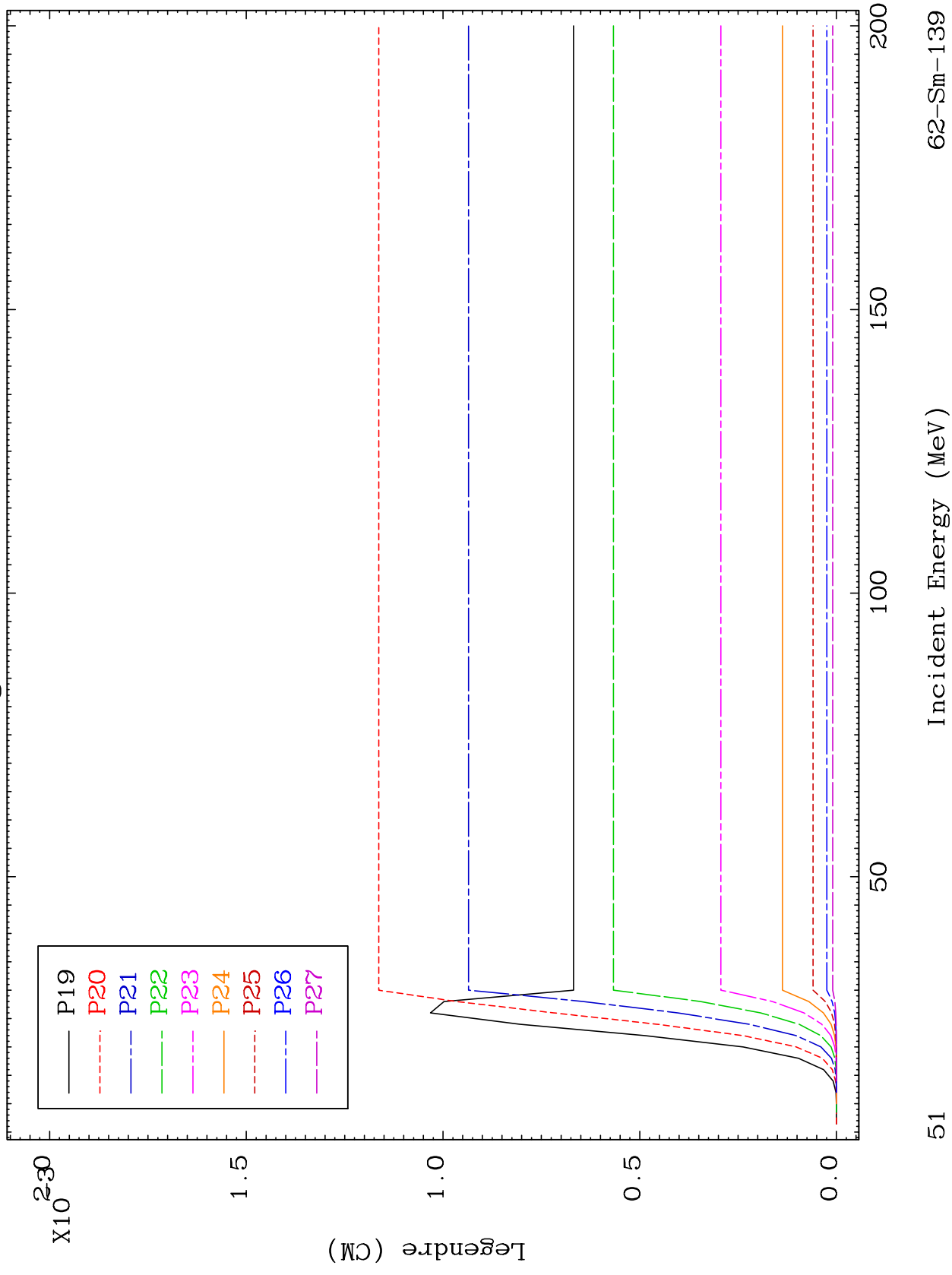
62-Sm-139

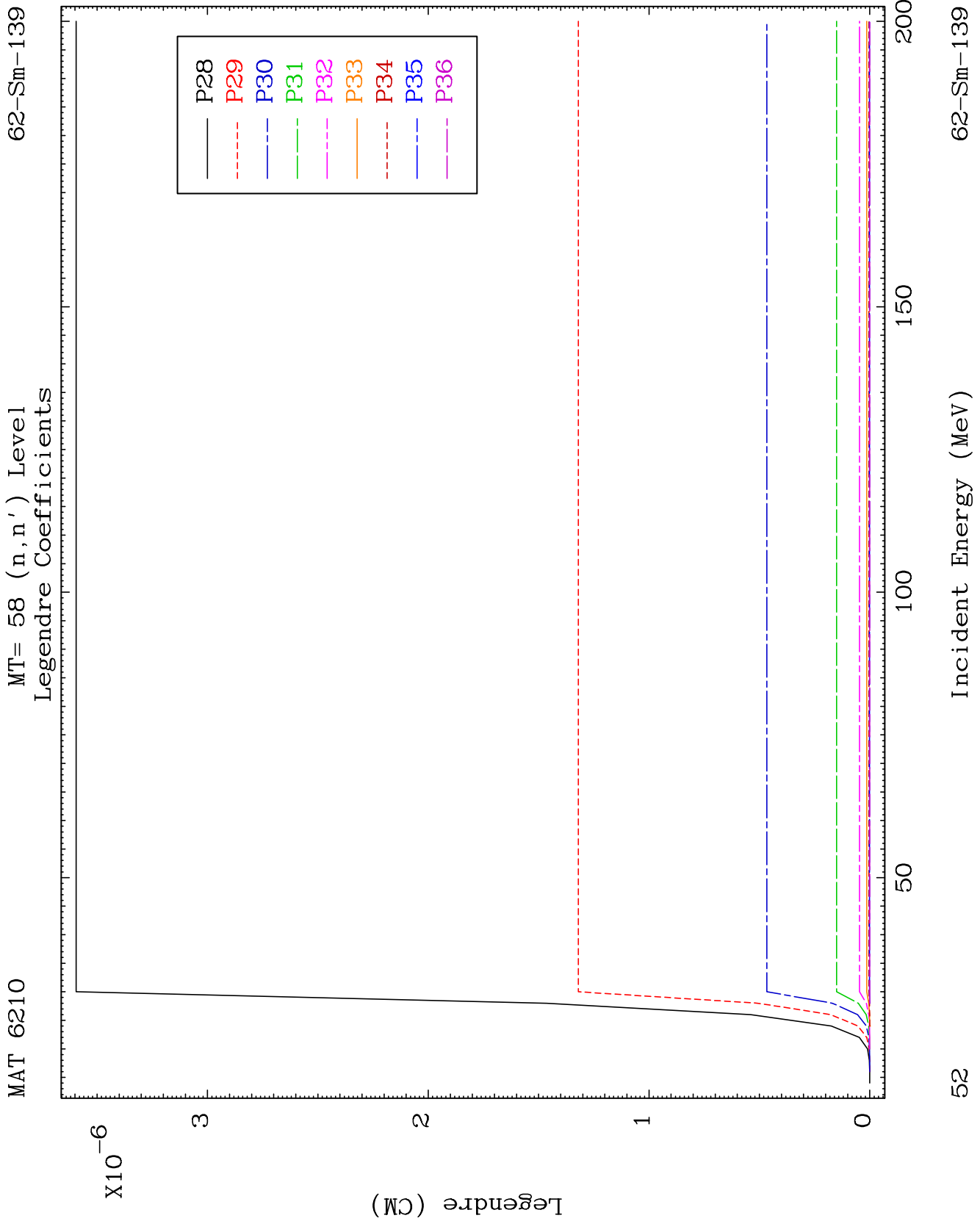
MAT 6210

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

62-Sm-139



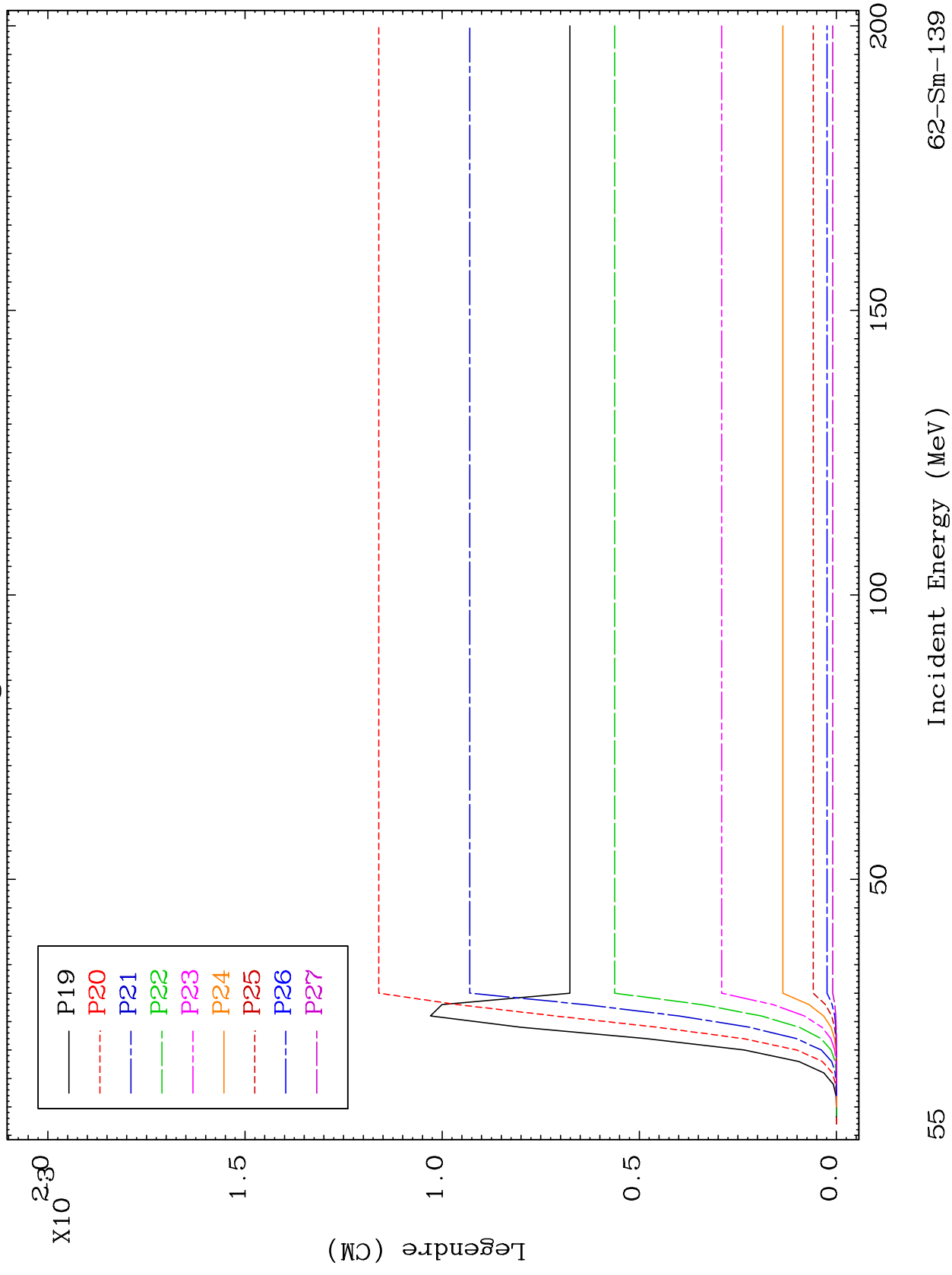


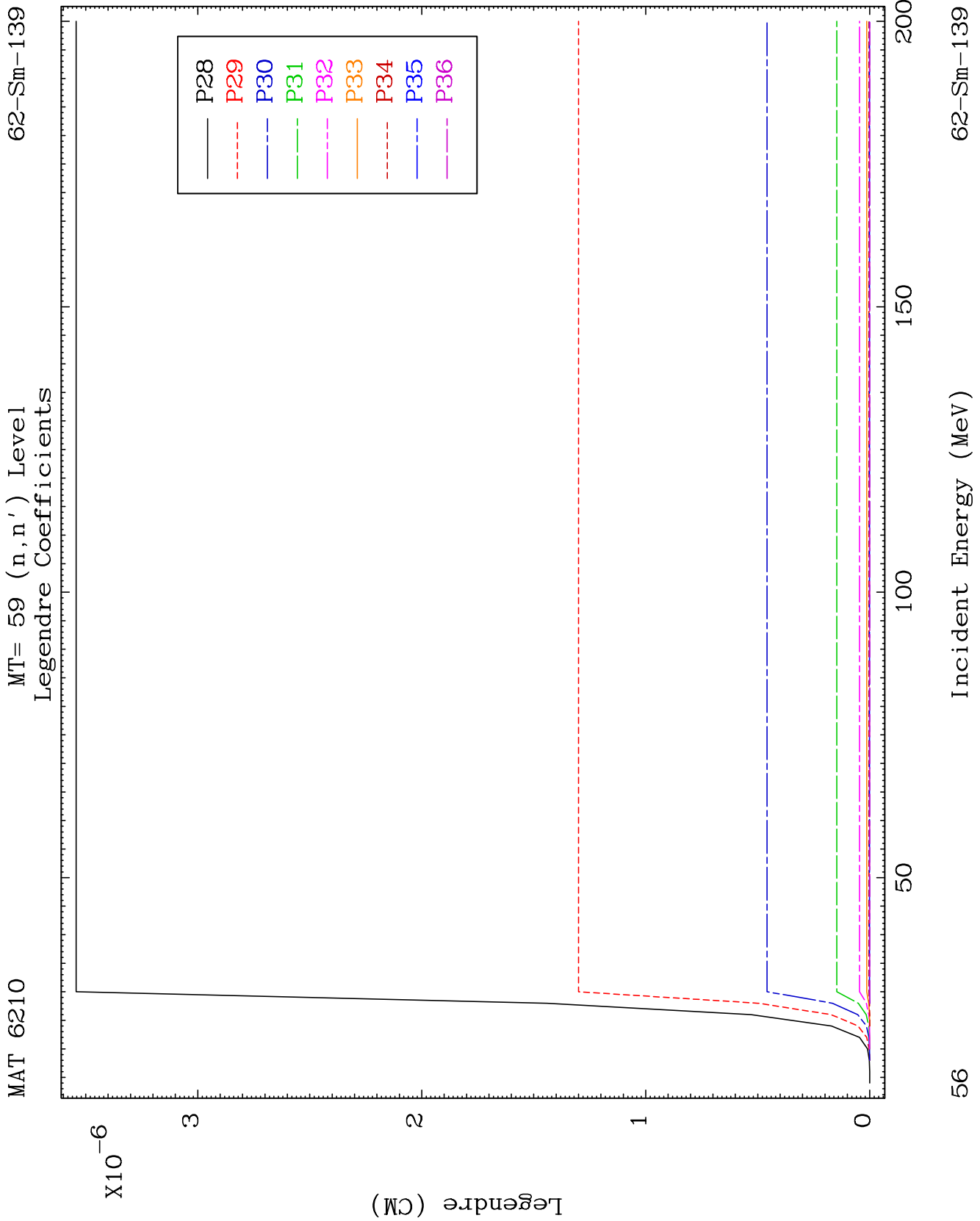


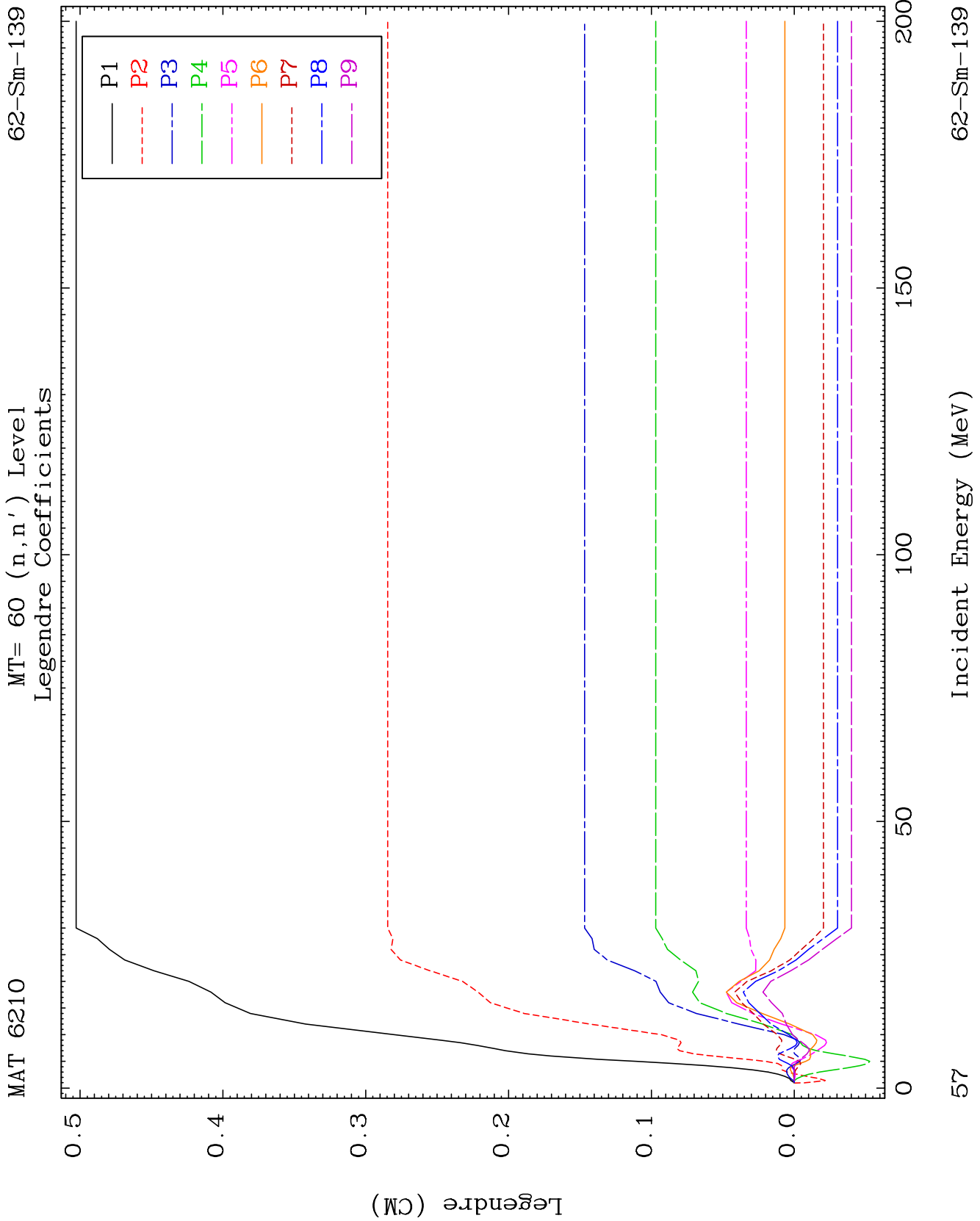
MAT 6210

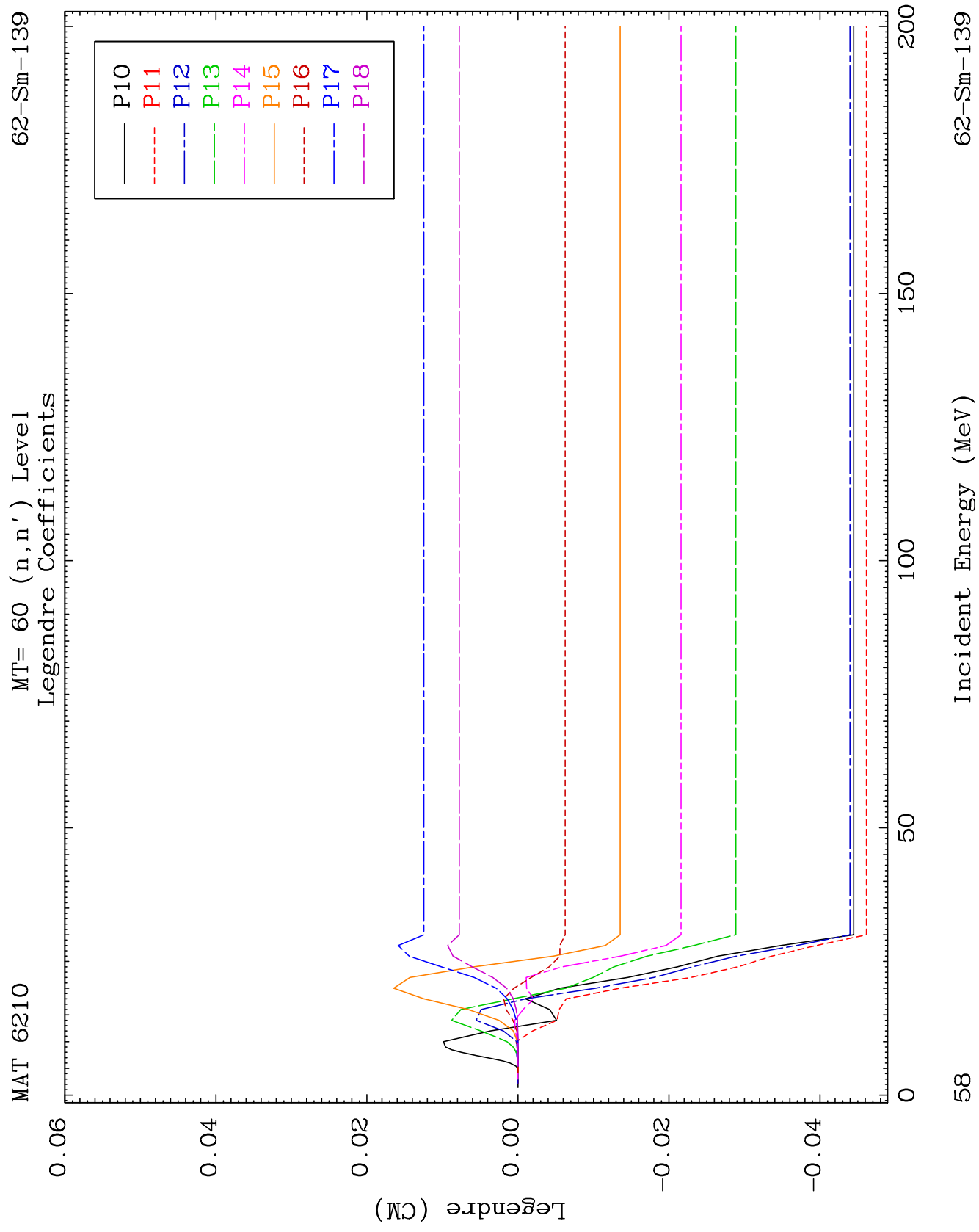
MT= 59 (n, n') Level
Legendre Coefficients

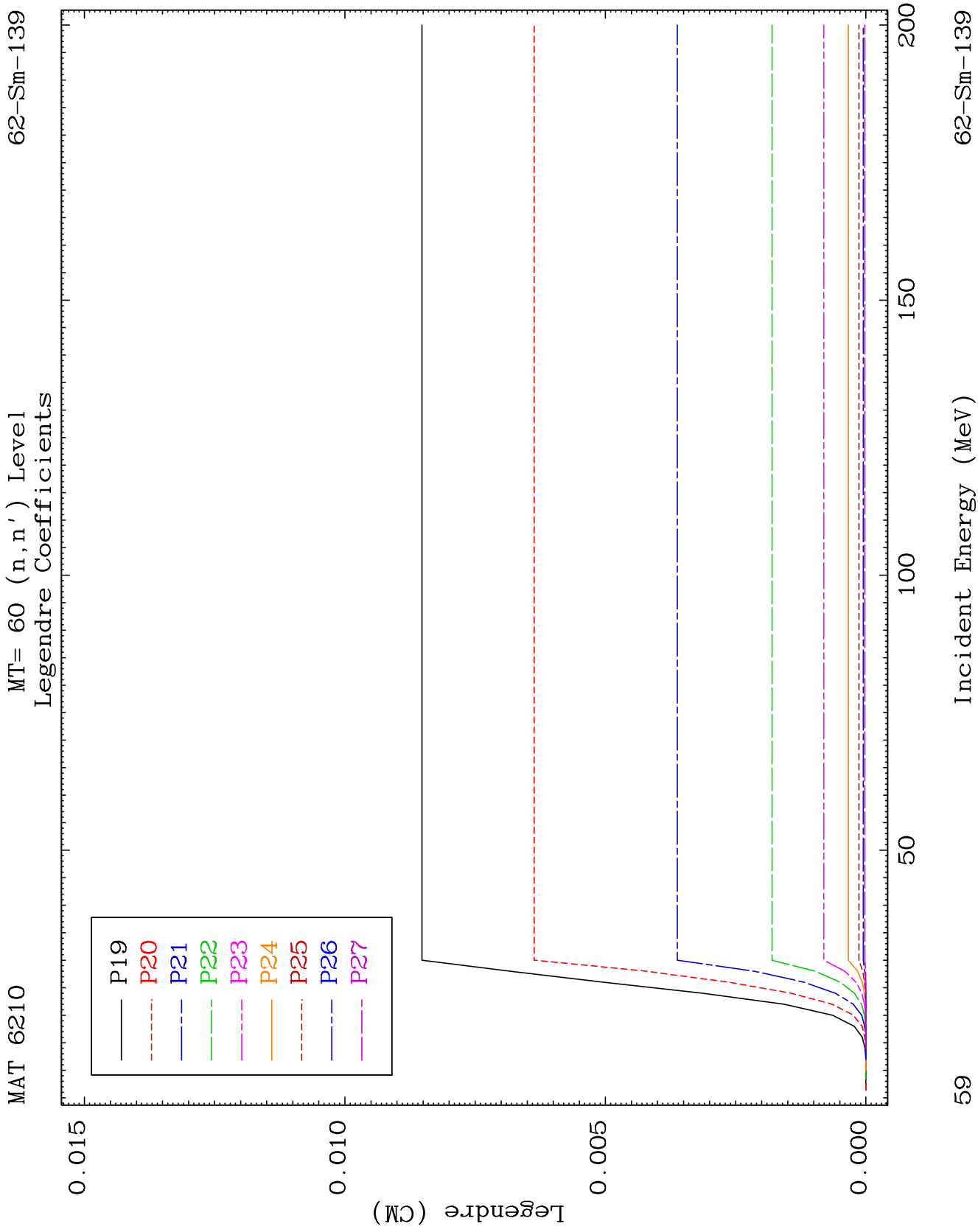
62-Sm-139

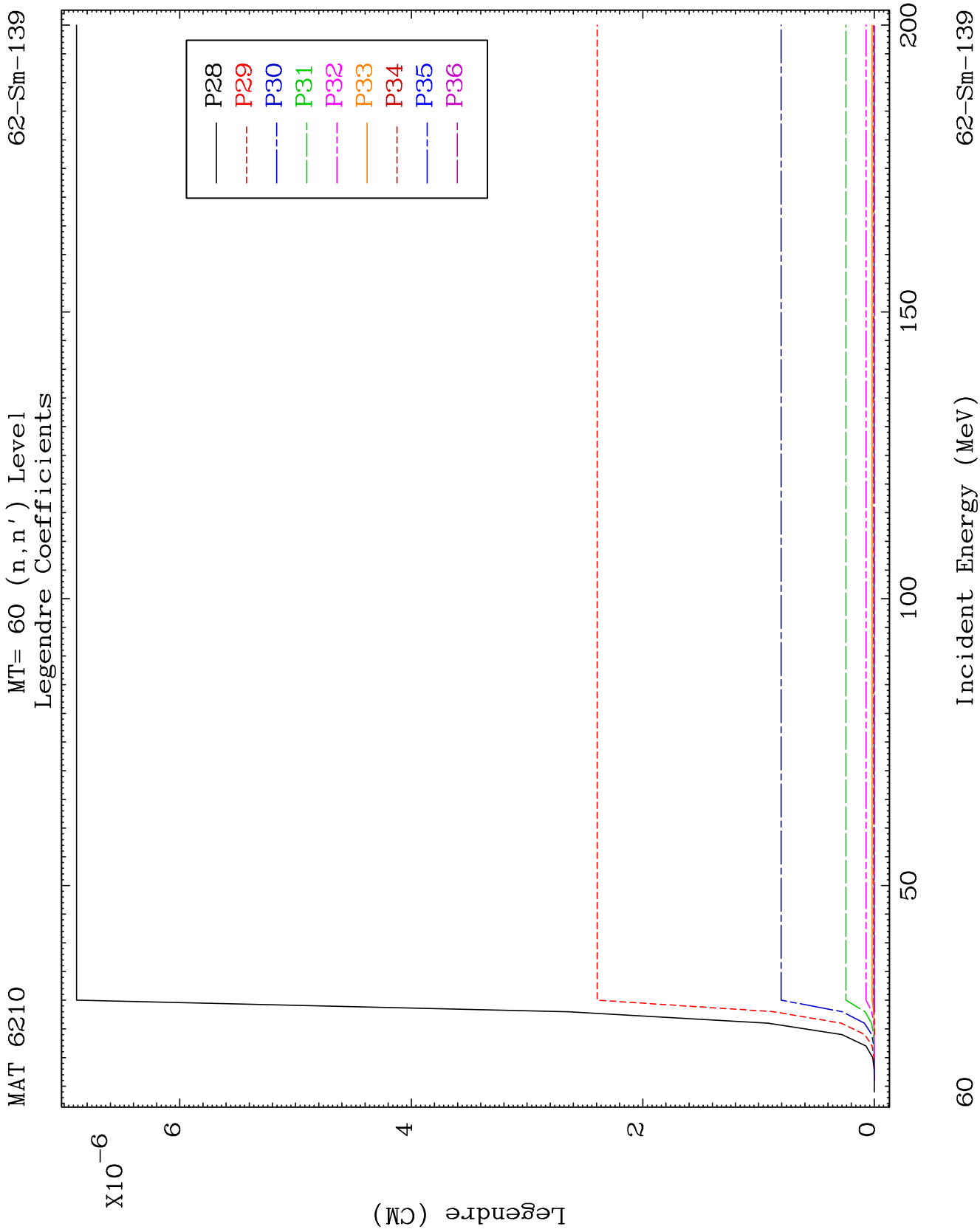








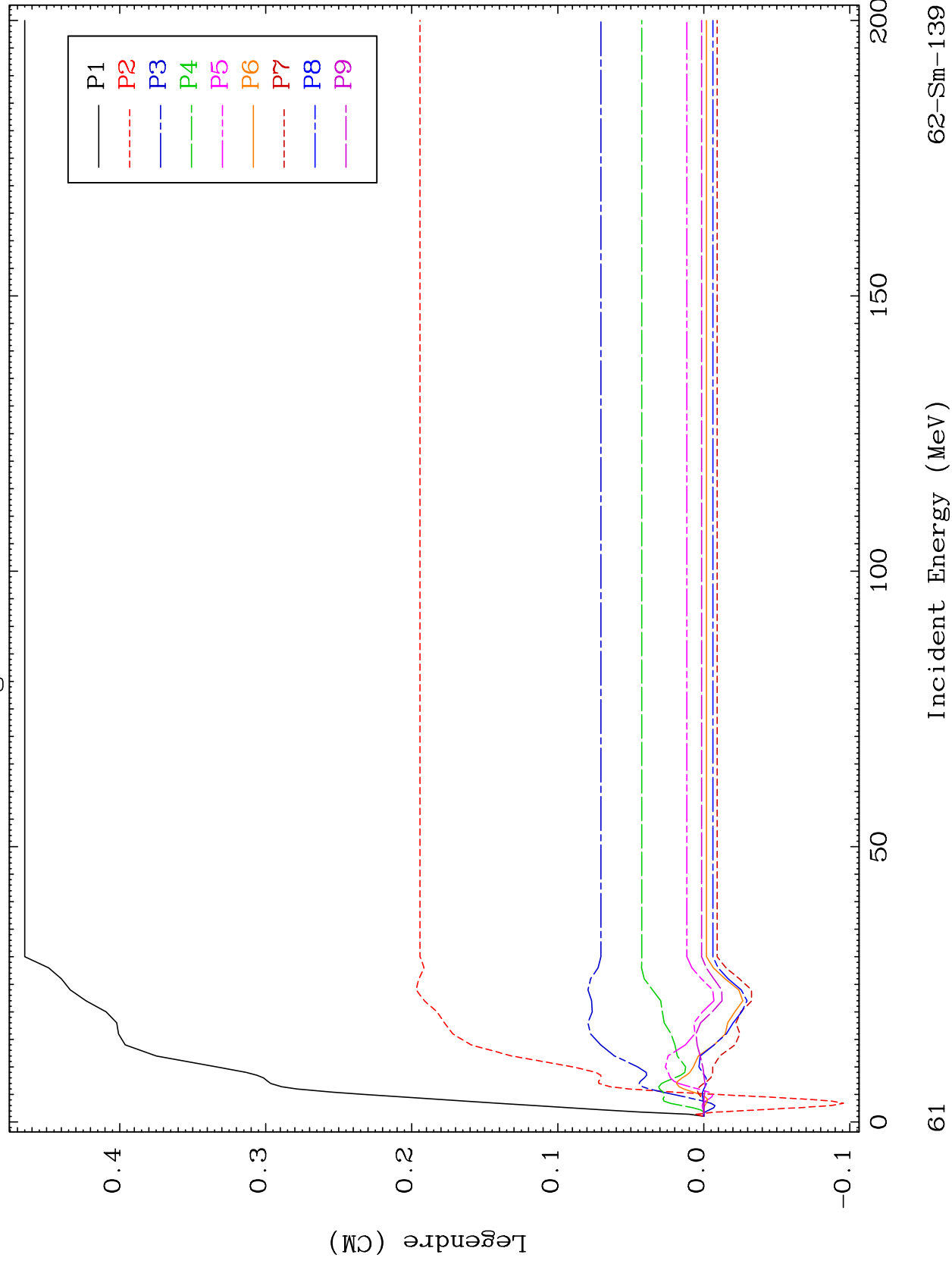




MAT 6210

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

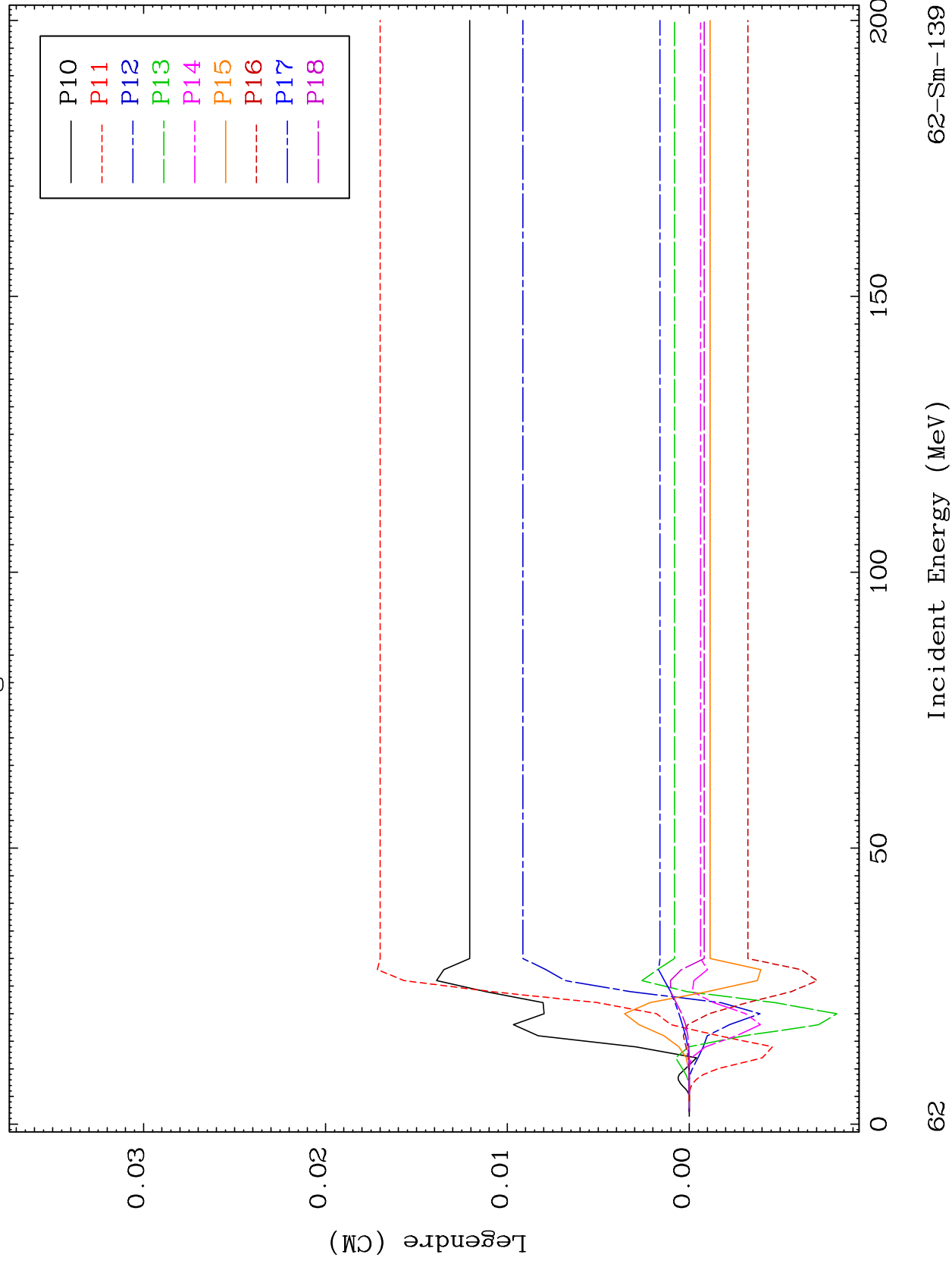
62-Sm-139



MAT 6210

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

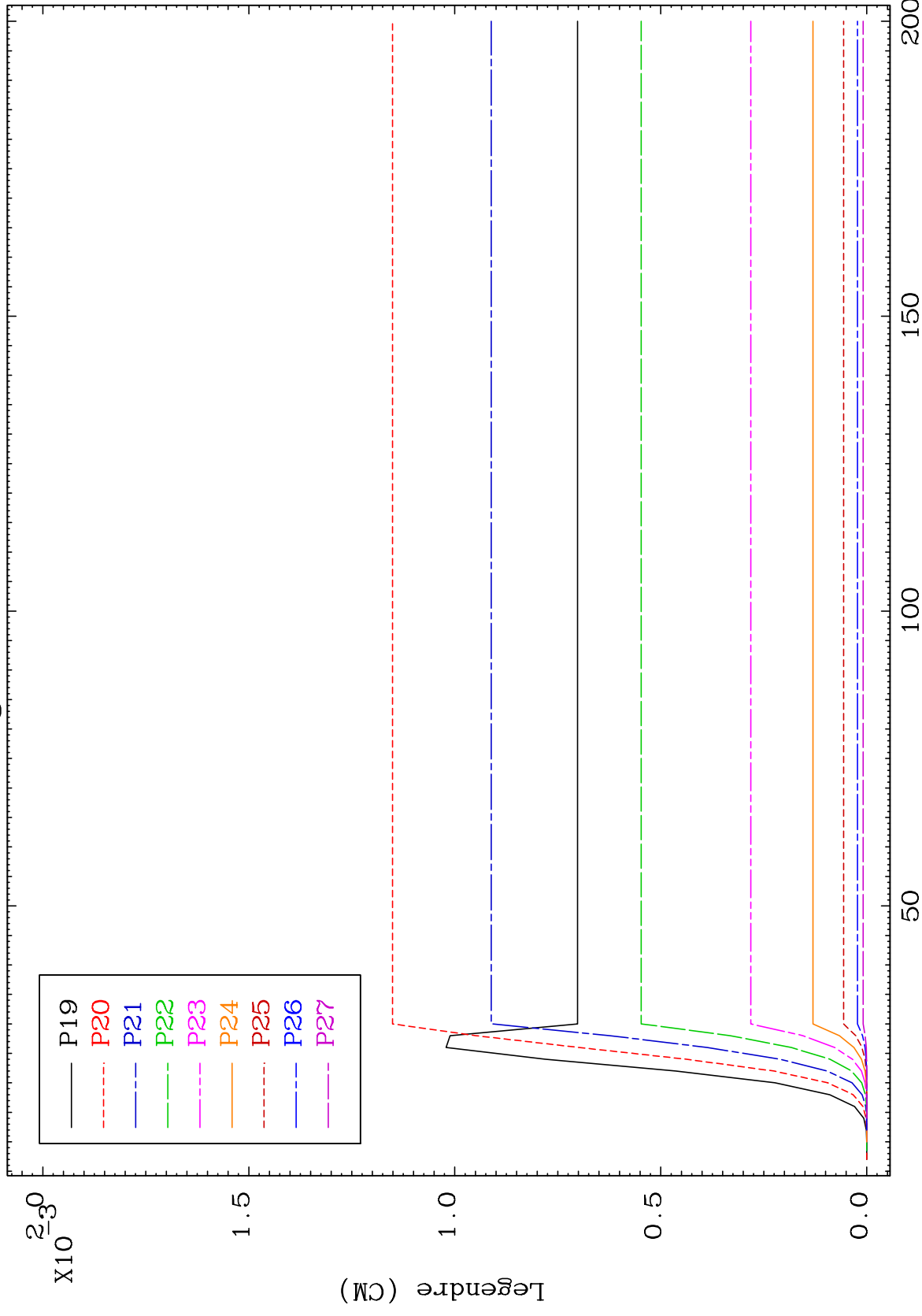
62-Sm-139



MAT 6210

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

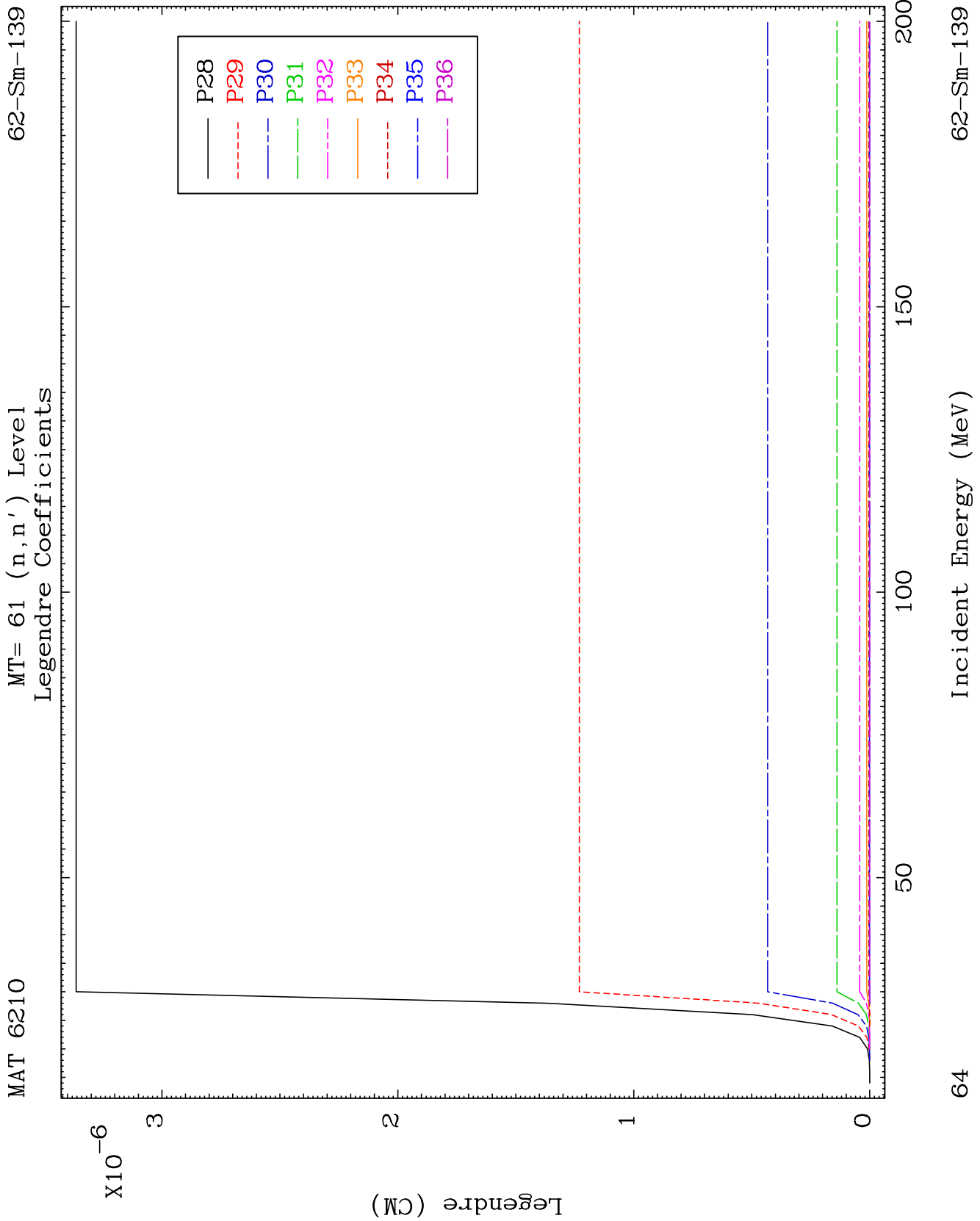
62-Sm-139

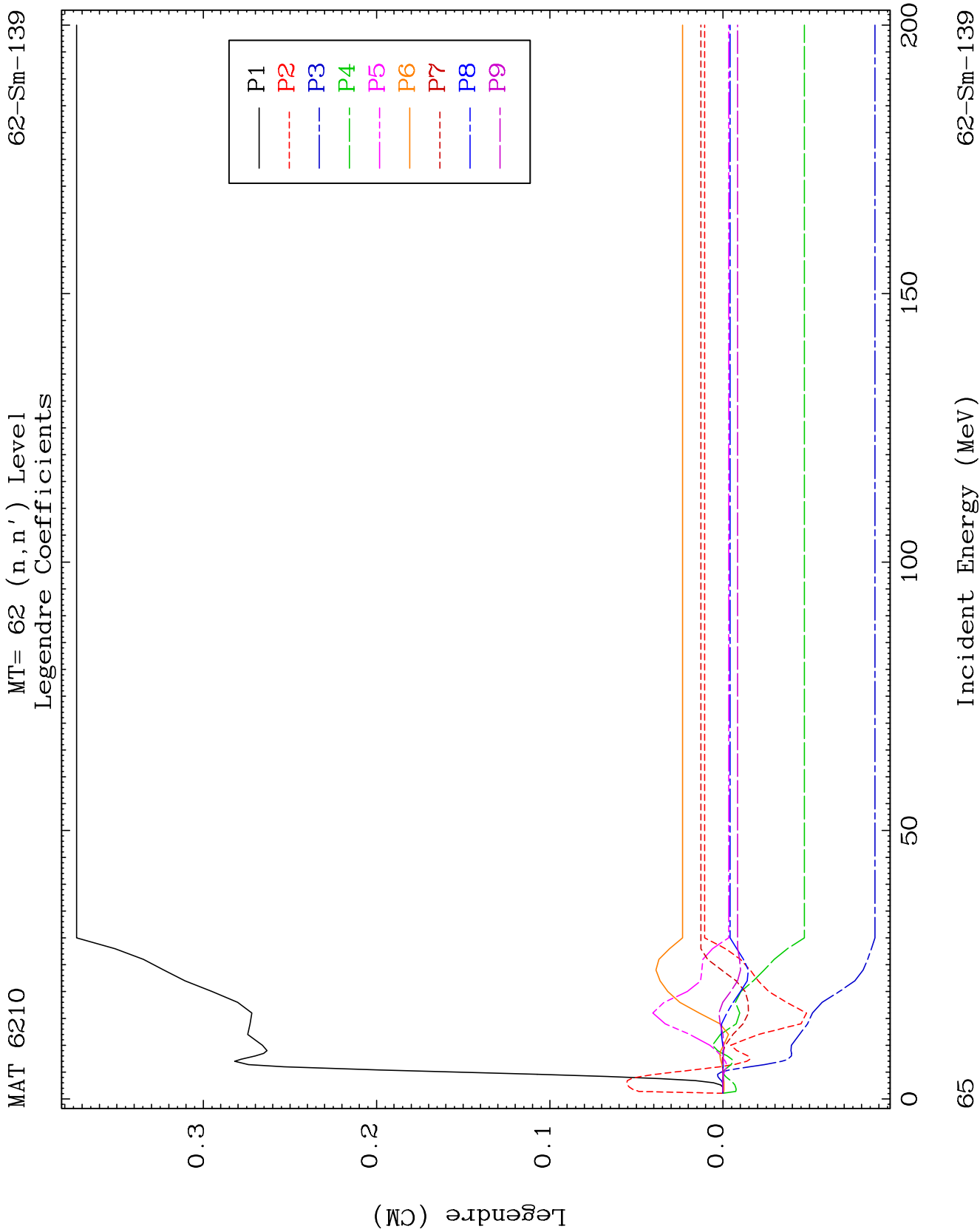


36

Incident Energy (MeV)

62-Sm-139

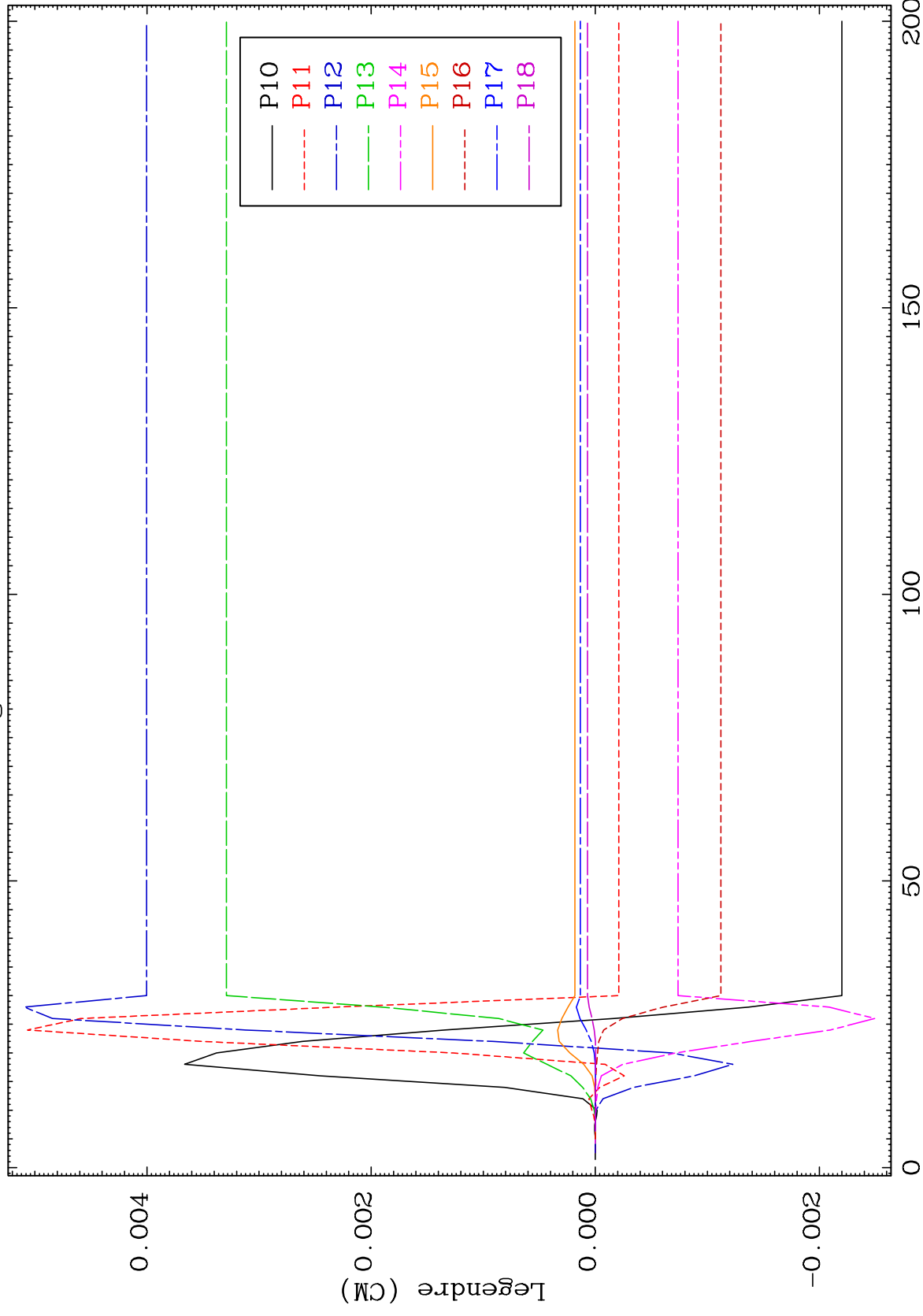




MAT 6210

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

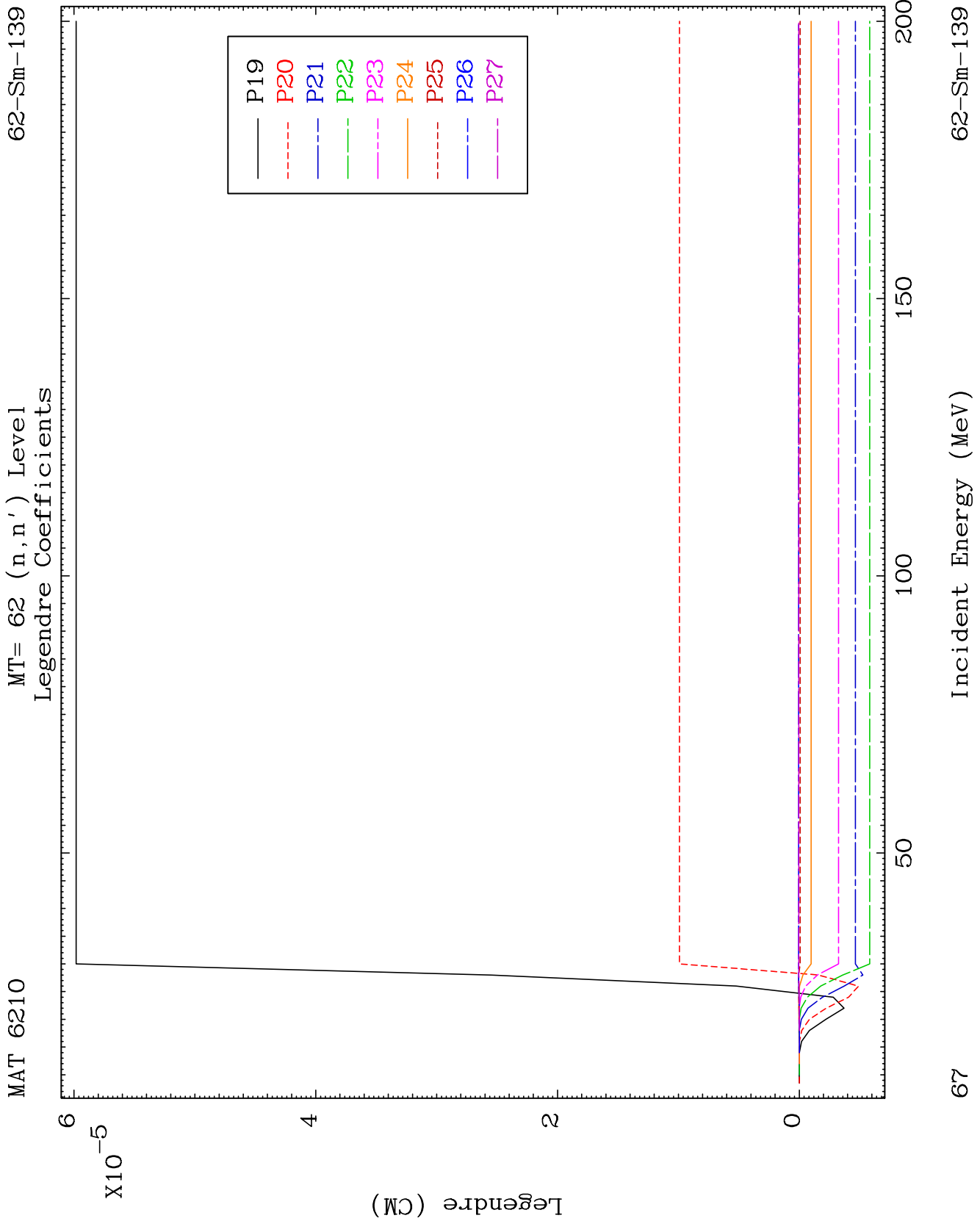
62-Sm-139

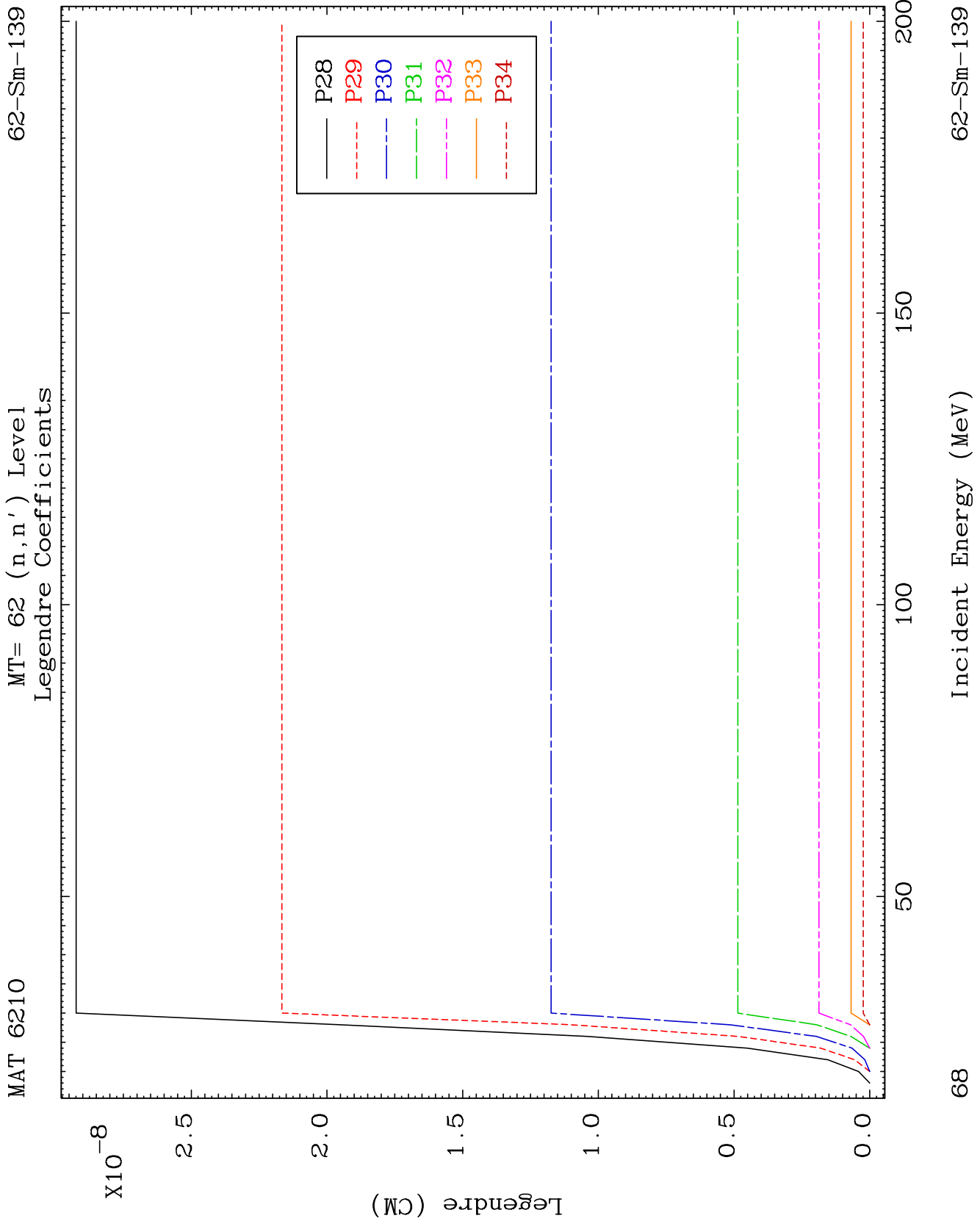


66

Incident Energy (MeV)

62-Sm-139

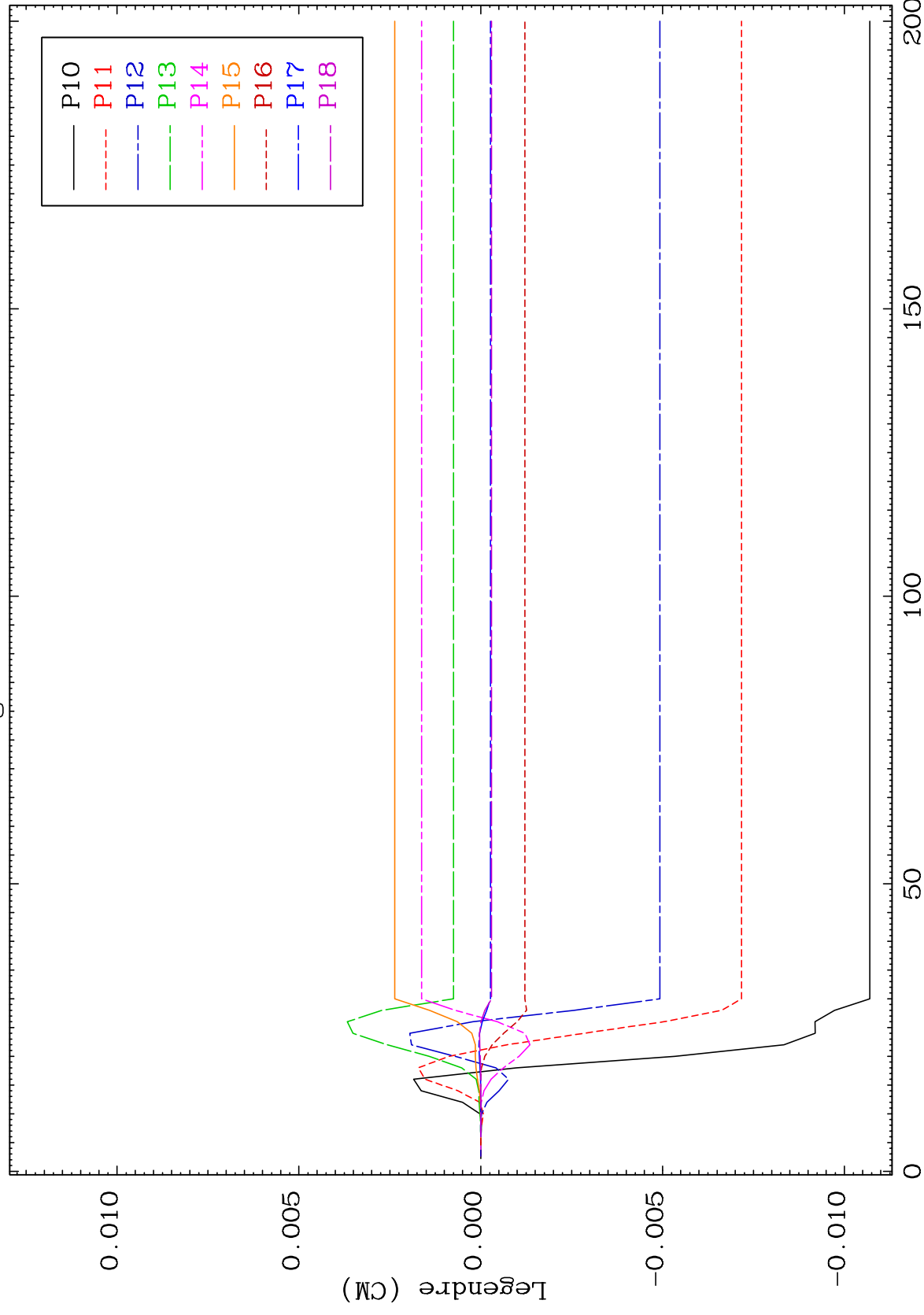




MAT 6210

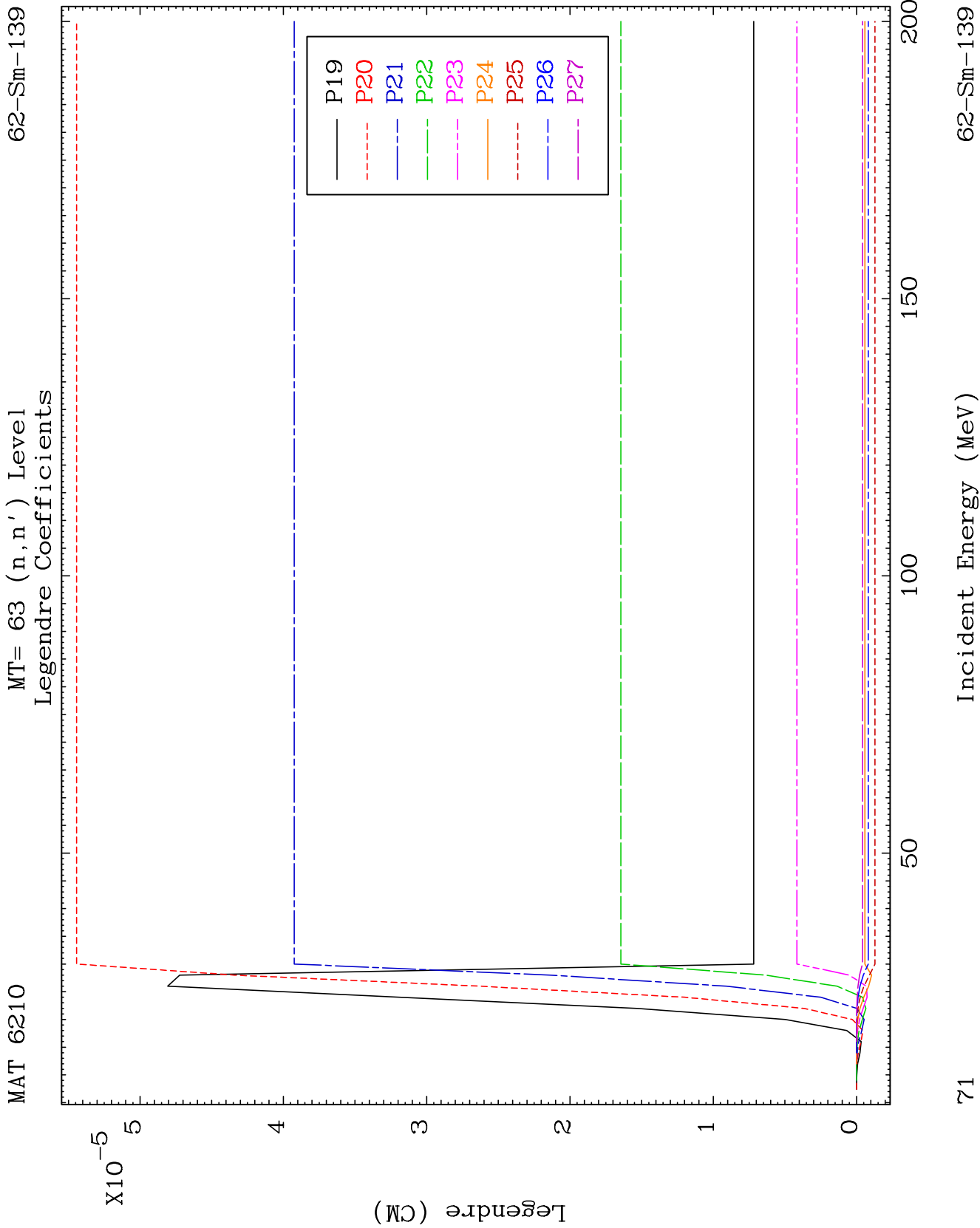
MT= 63 (n, n') Level
Legendre Coefficients

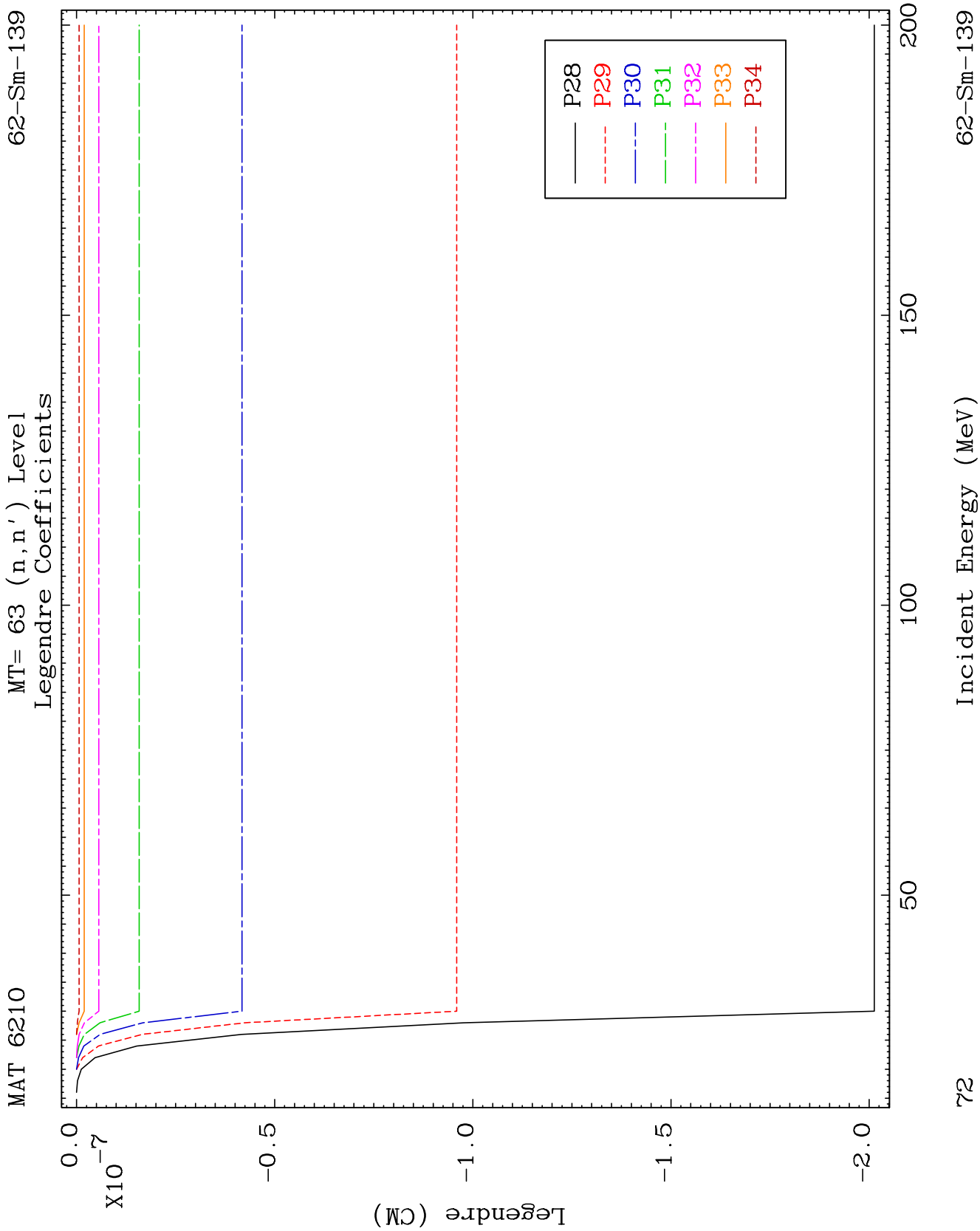
62-Sm-139

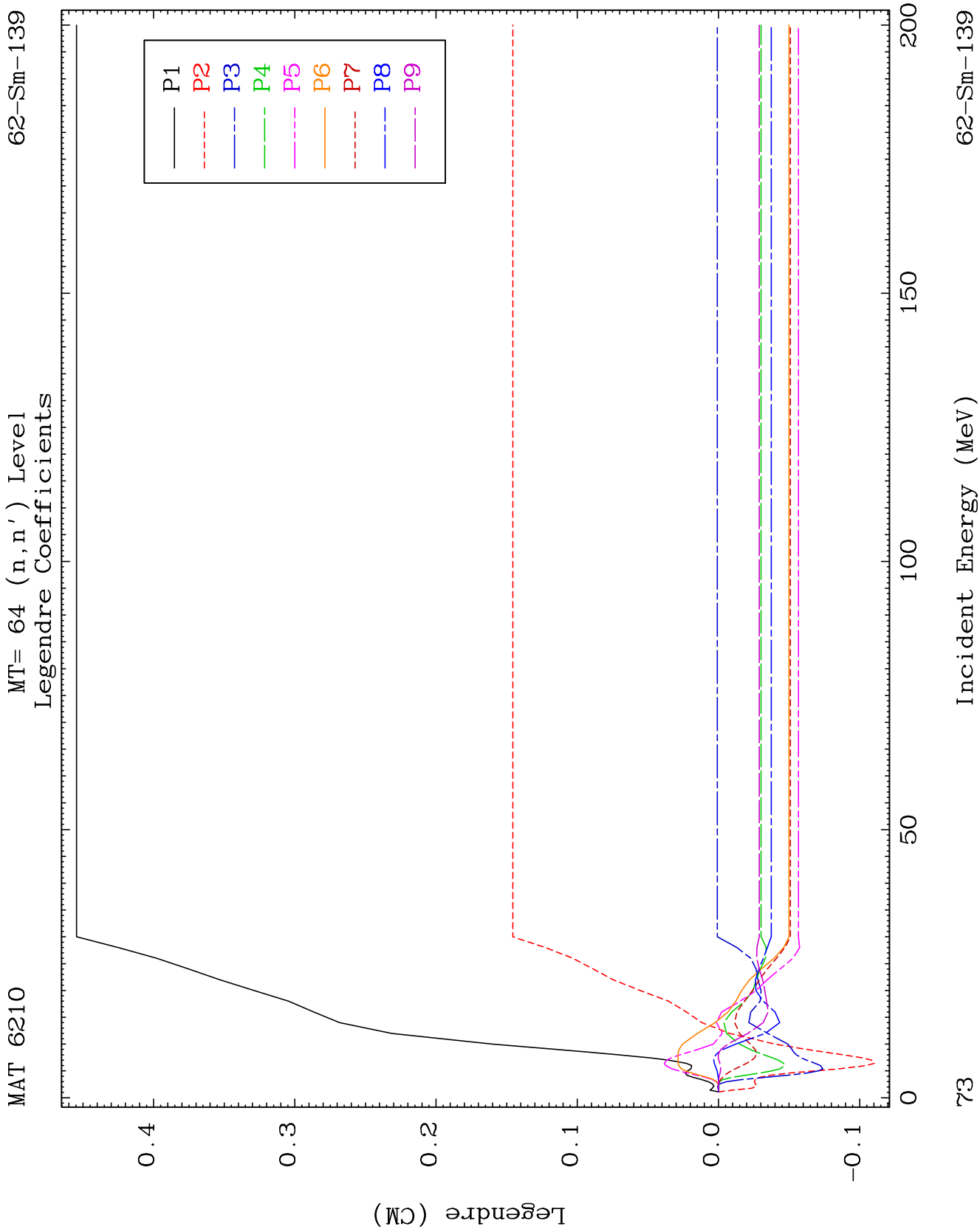


62-Sm-139

Incident Energy (MeV)



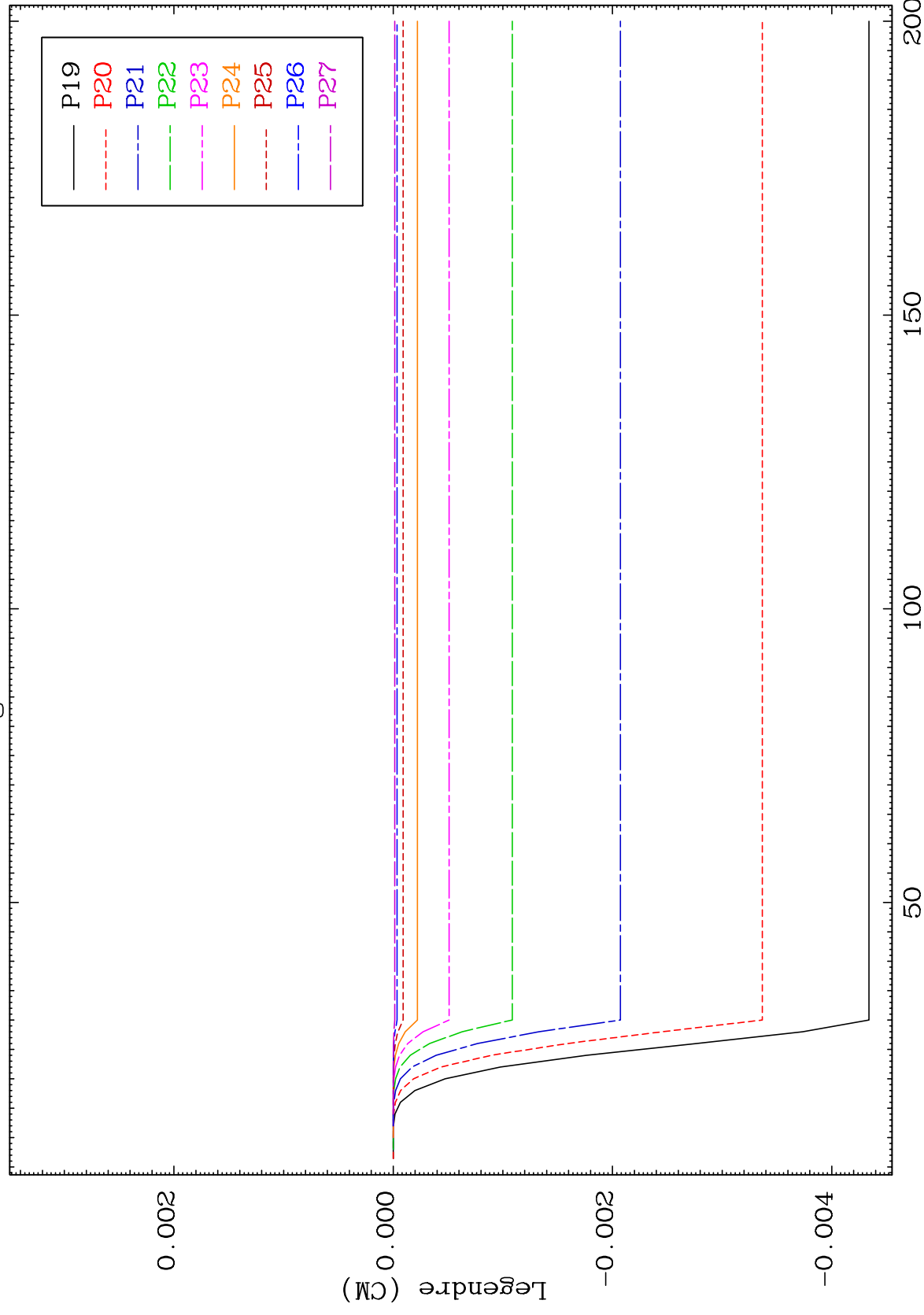




MAT 6210

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

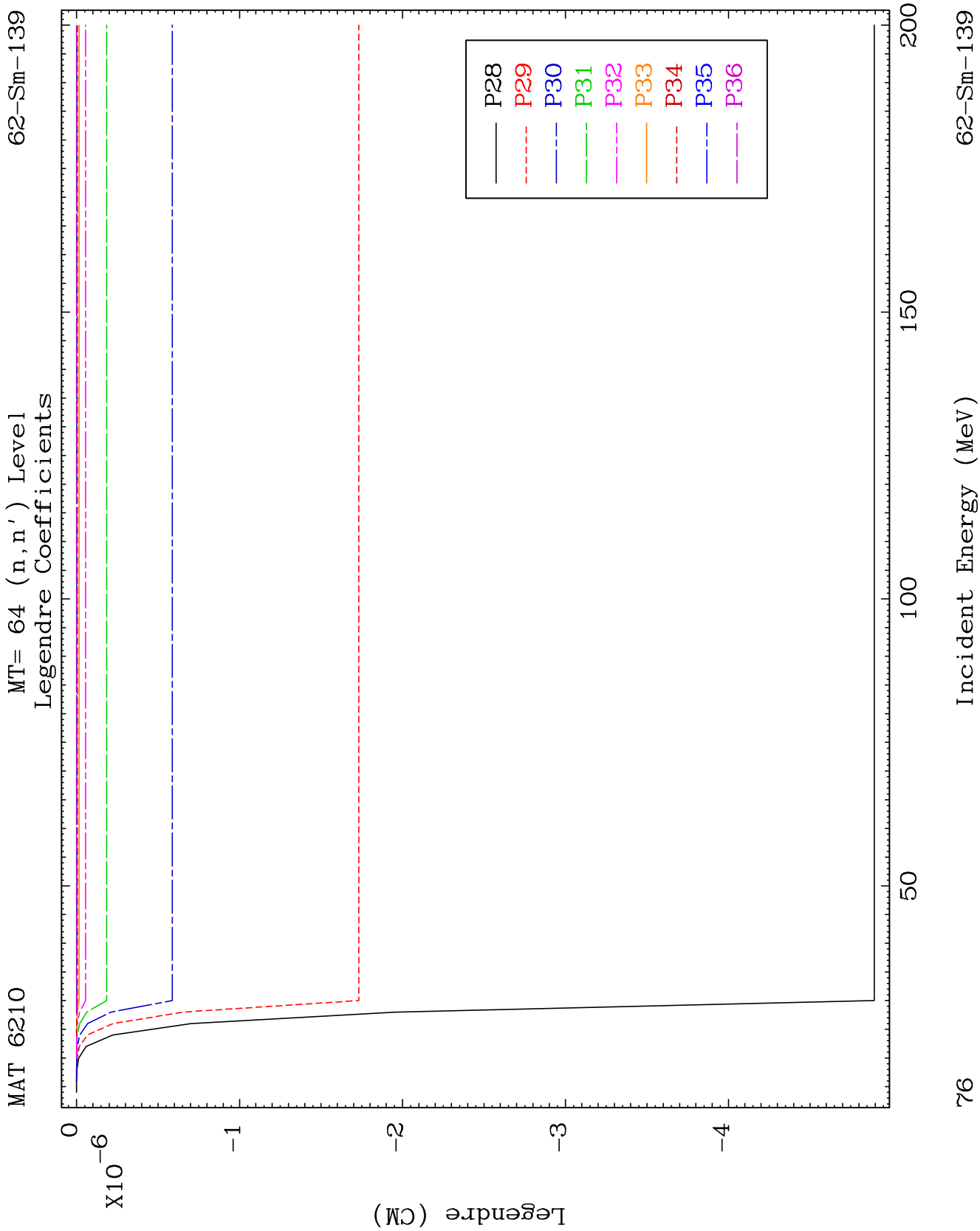
62-Sm-139

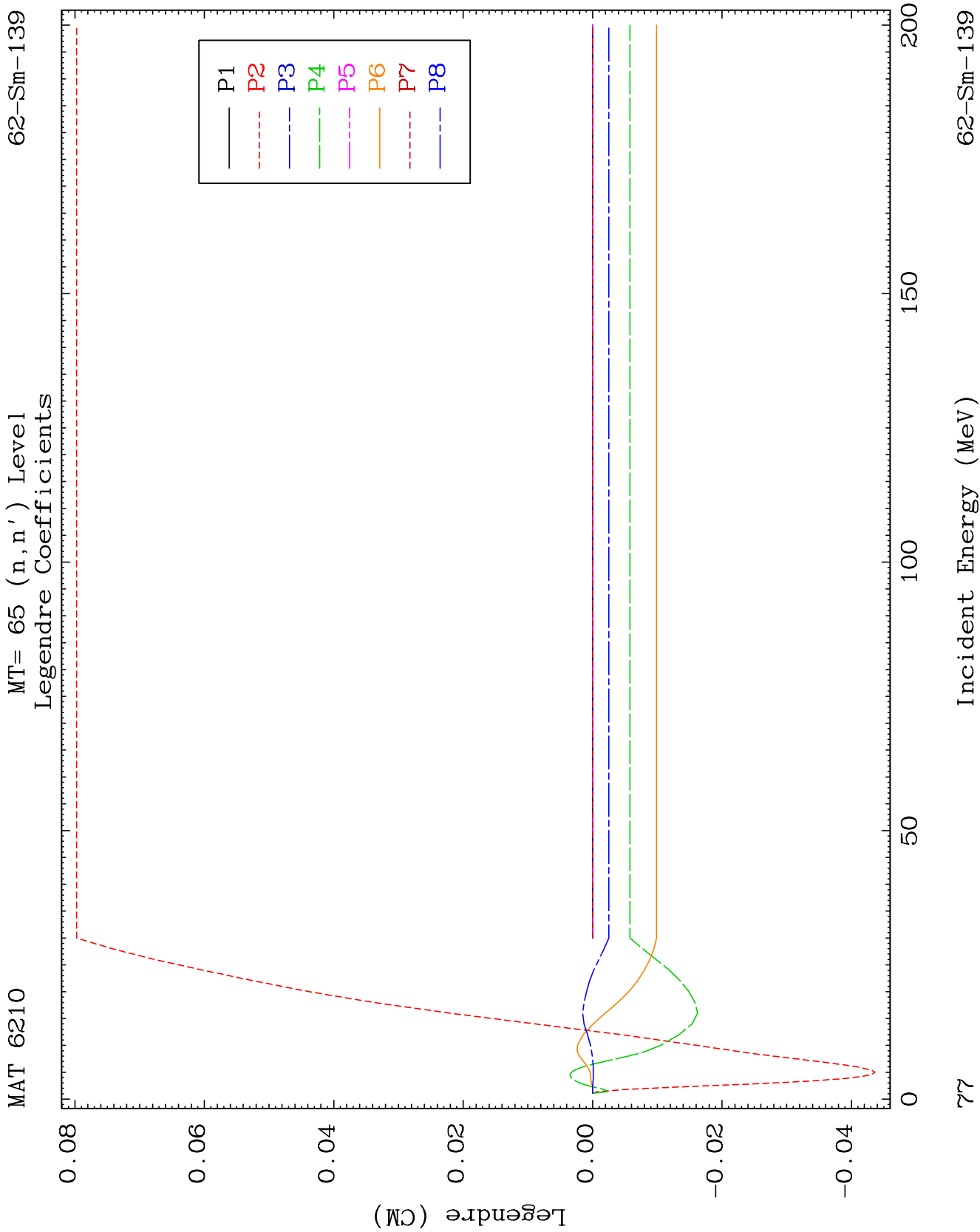


52

Incident Energy (MeV)

62-Sm-139

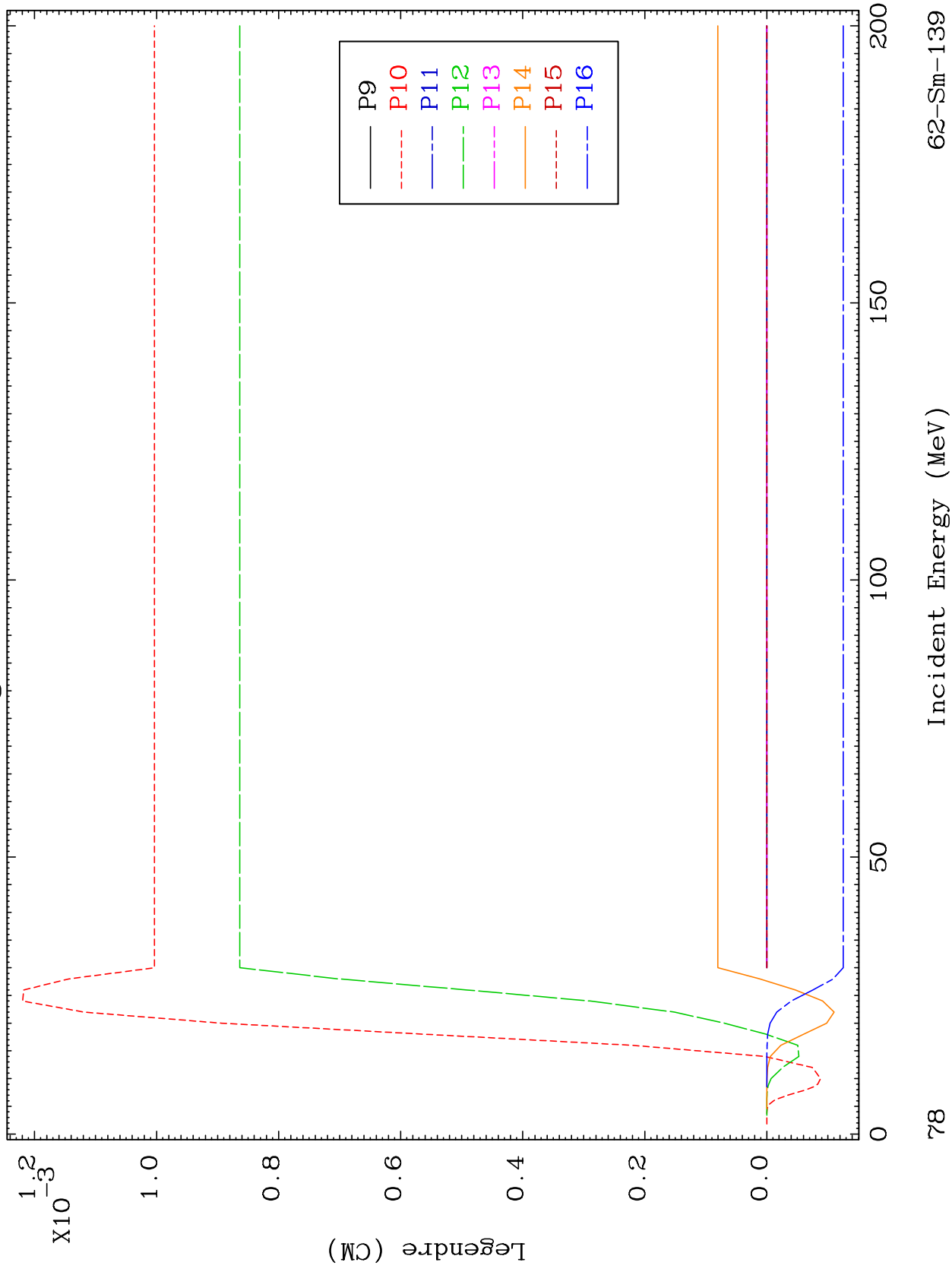


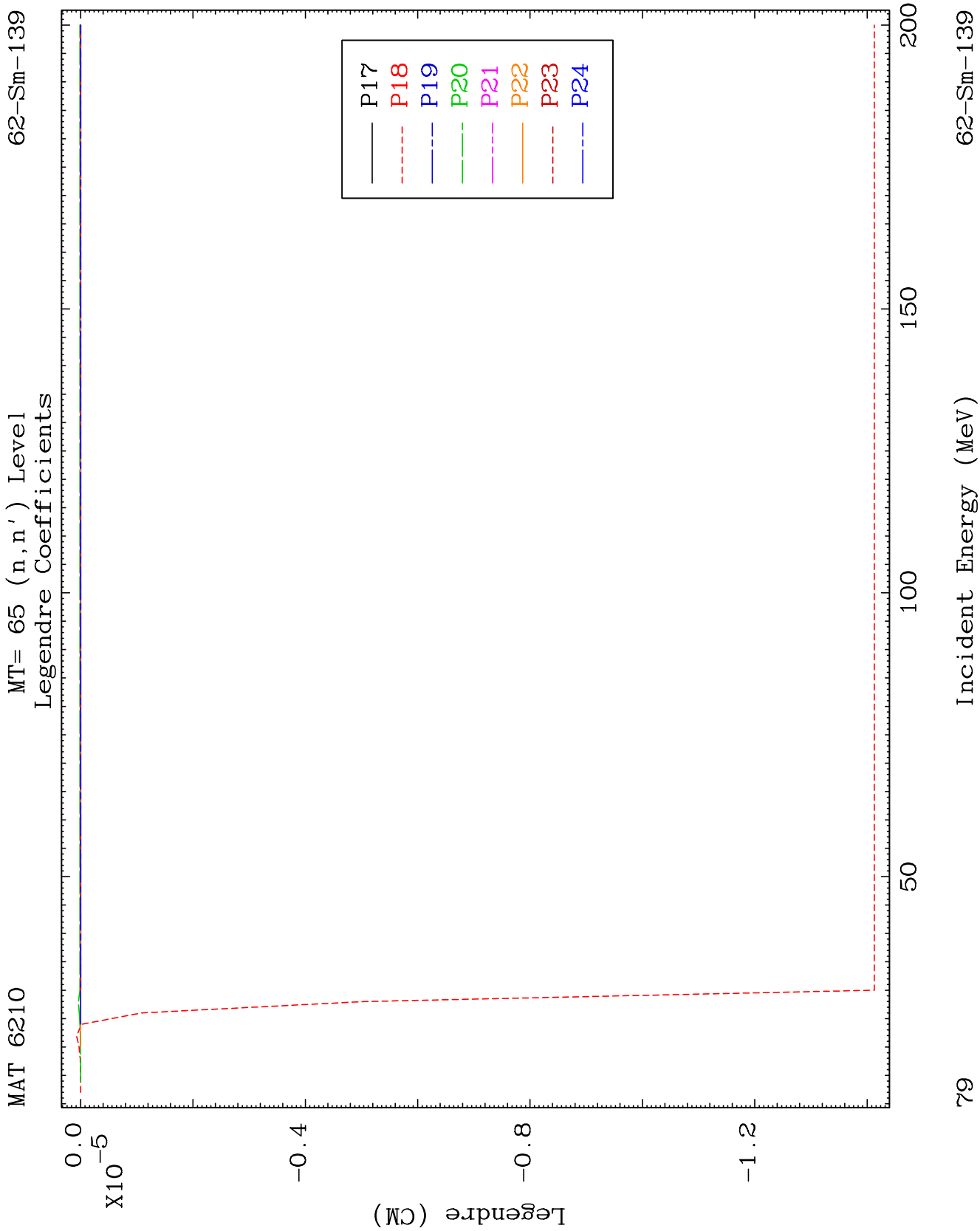


MAT 6210

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

62-Sm-139

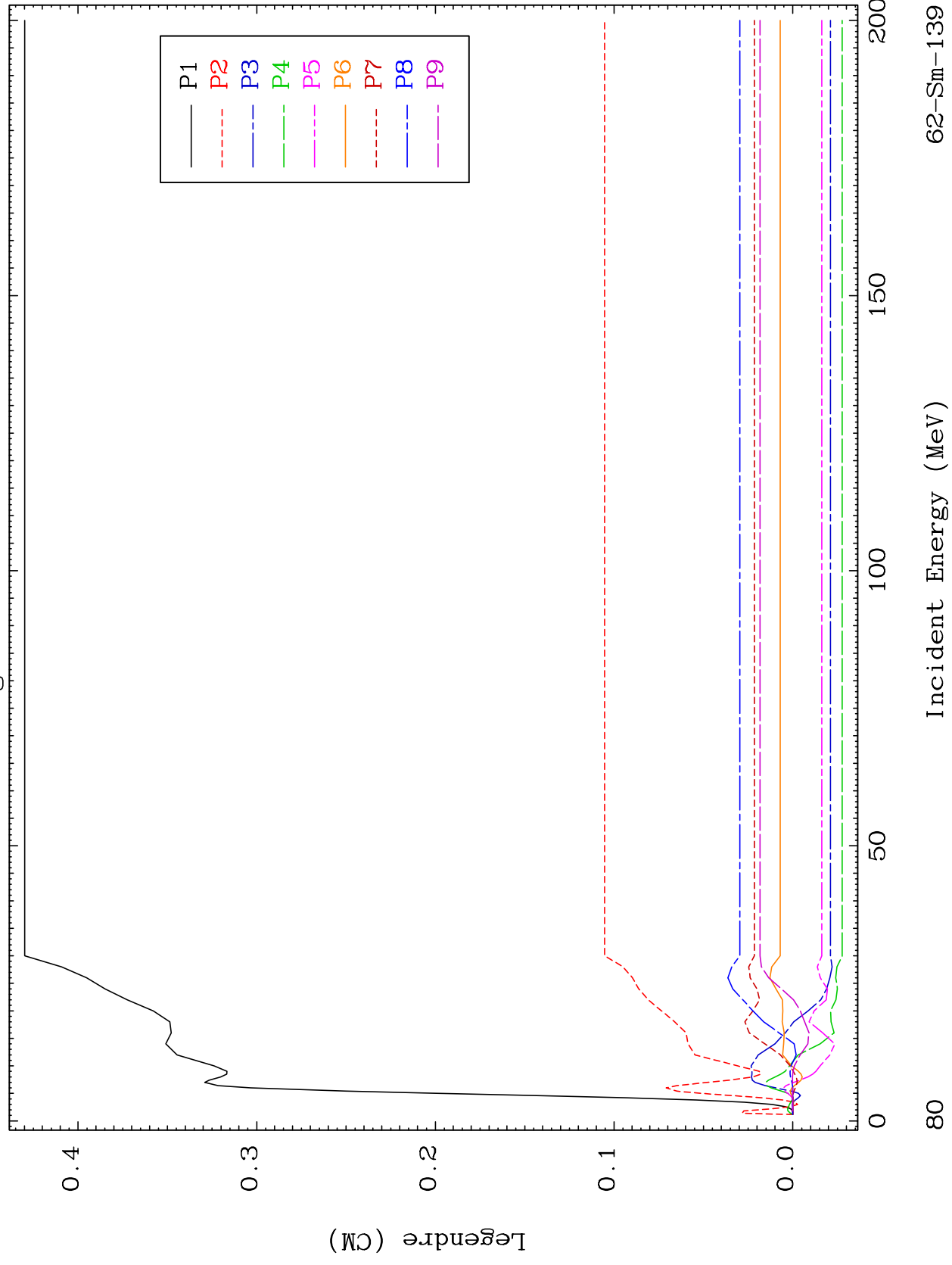


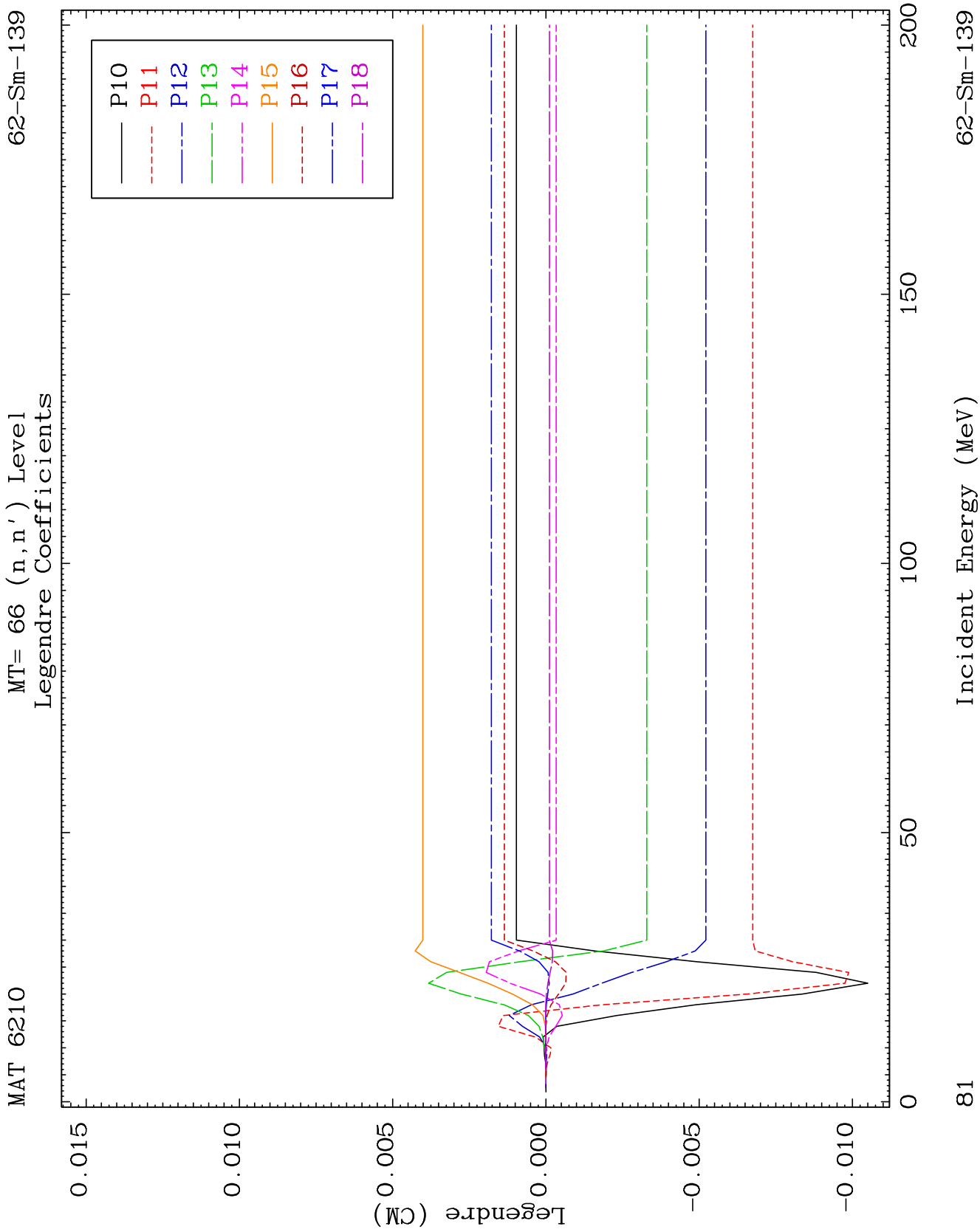


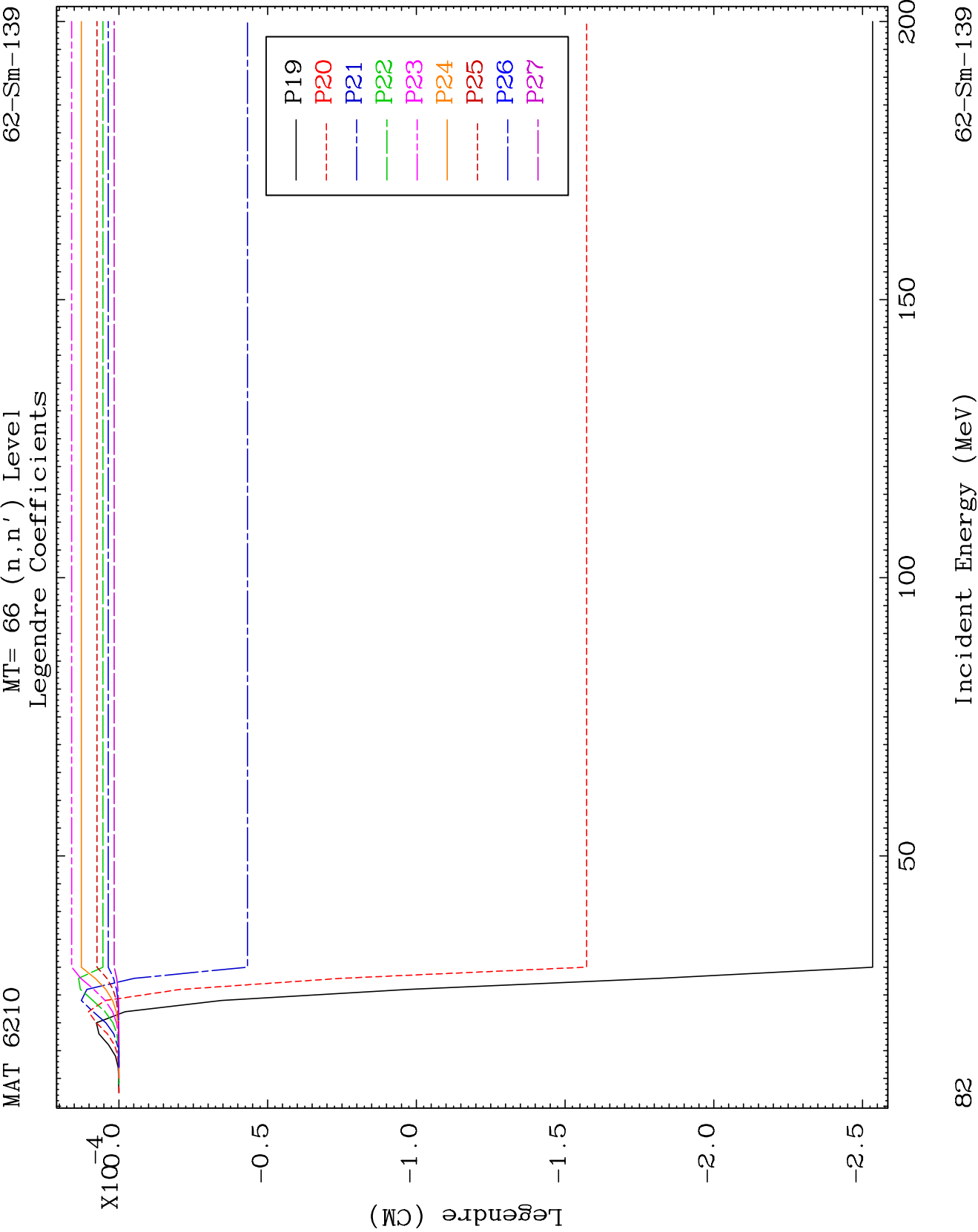
MAT 6210

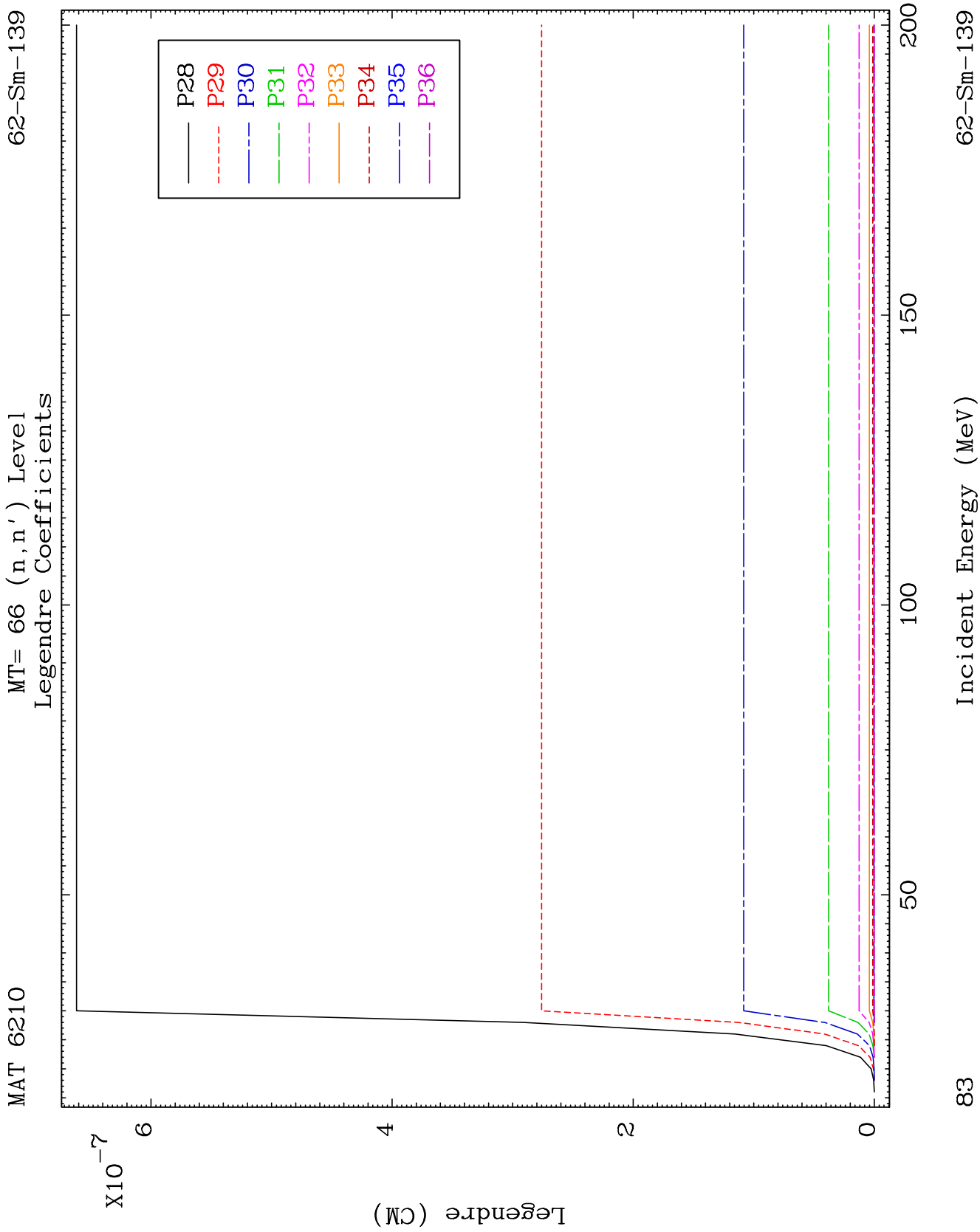
MT= 66 (n, n') Level
Legendre Coefficients

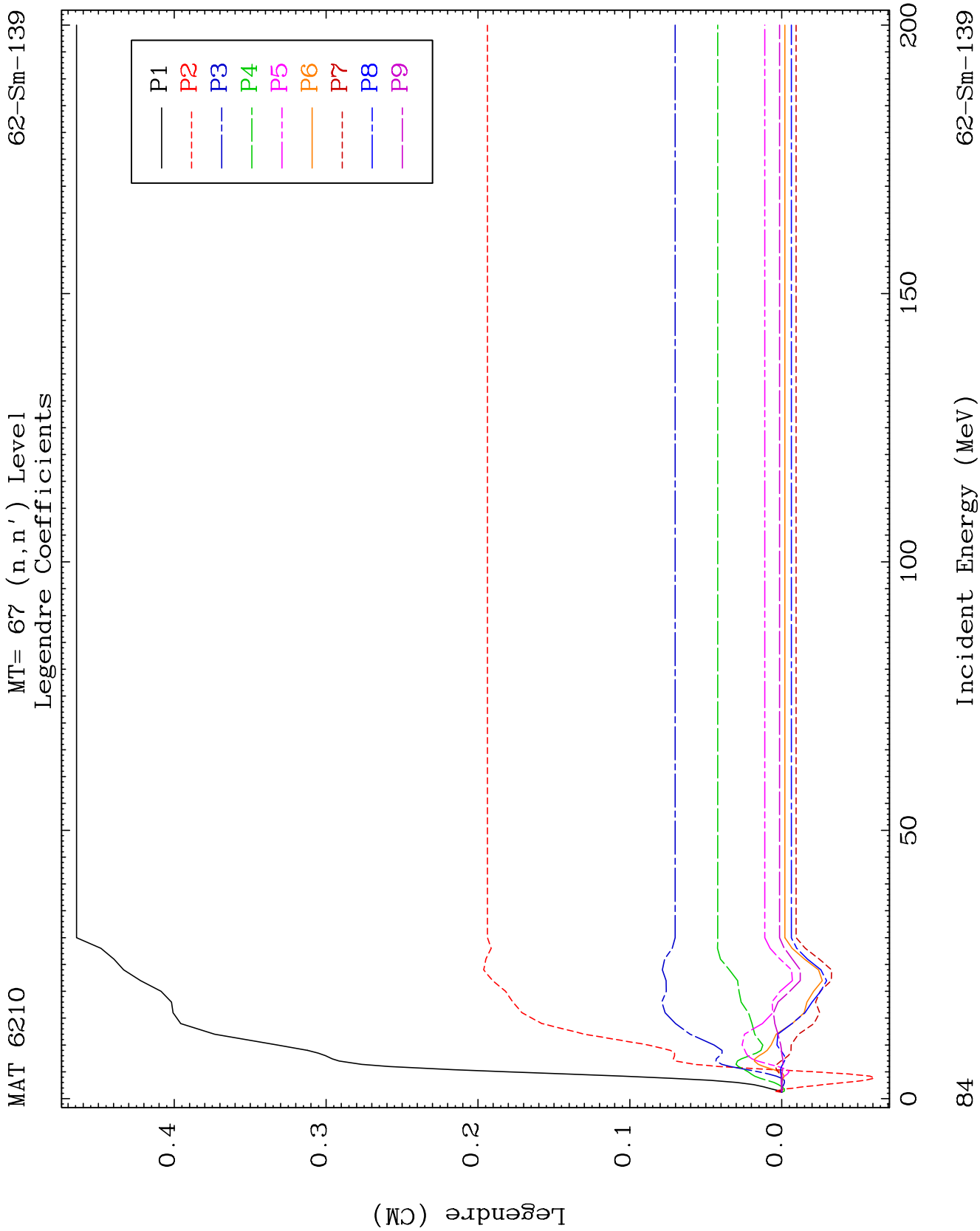
62-Sm-139

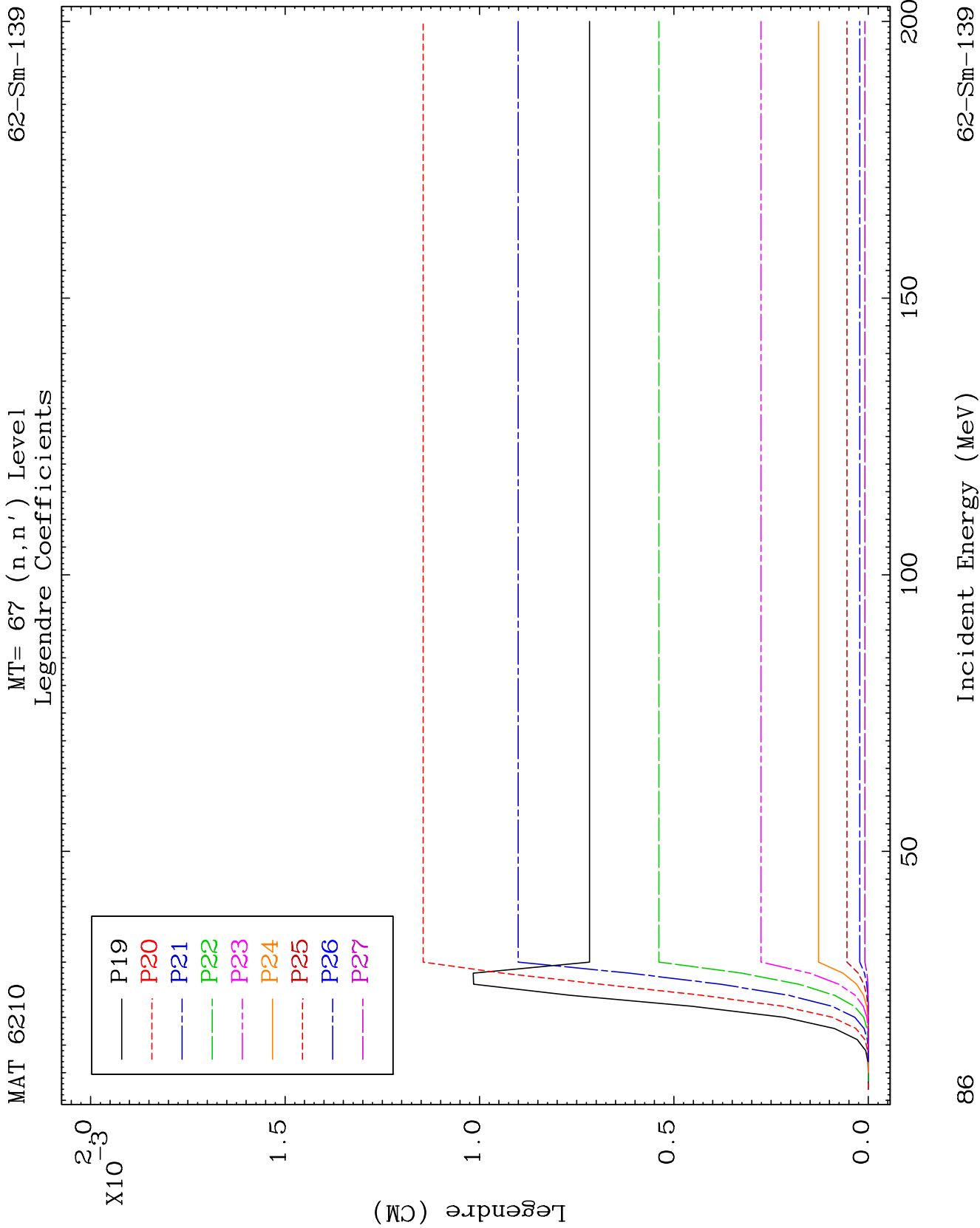


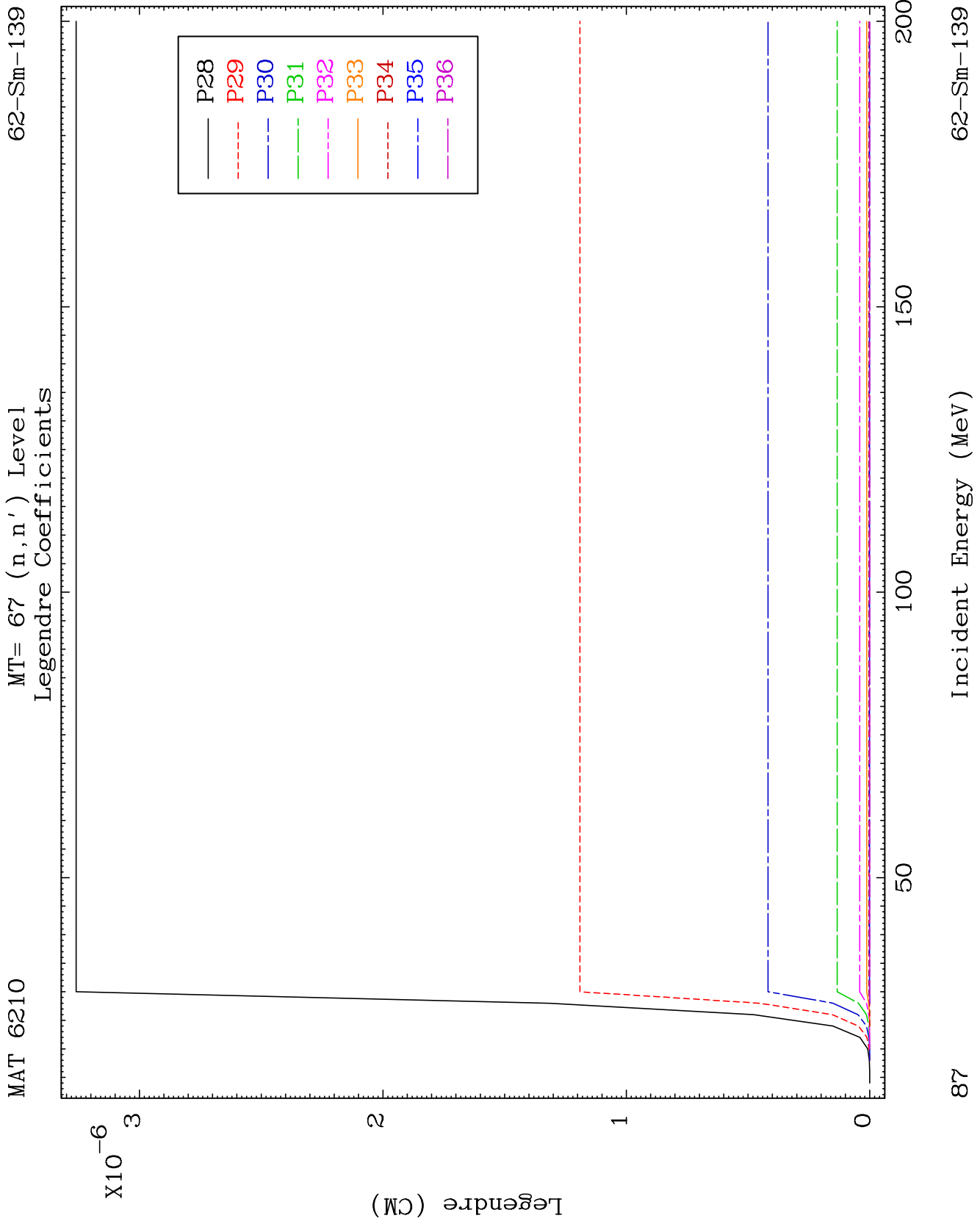


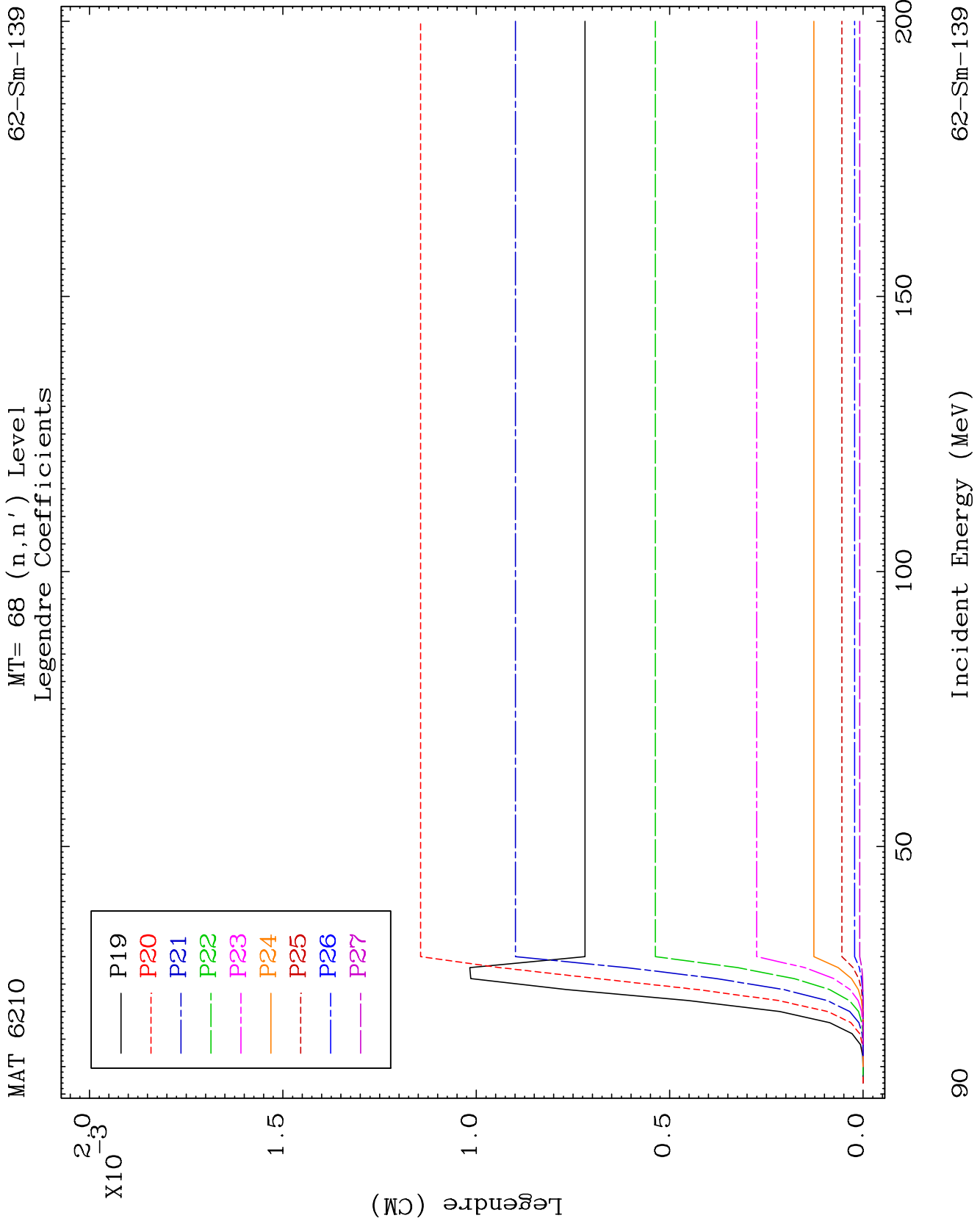


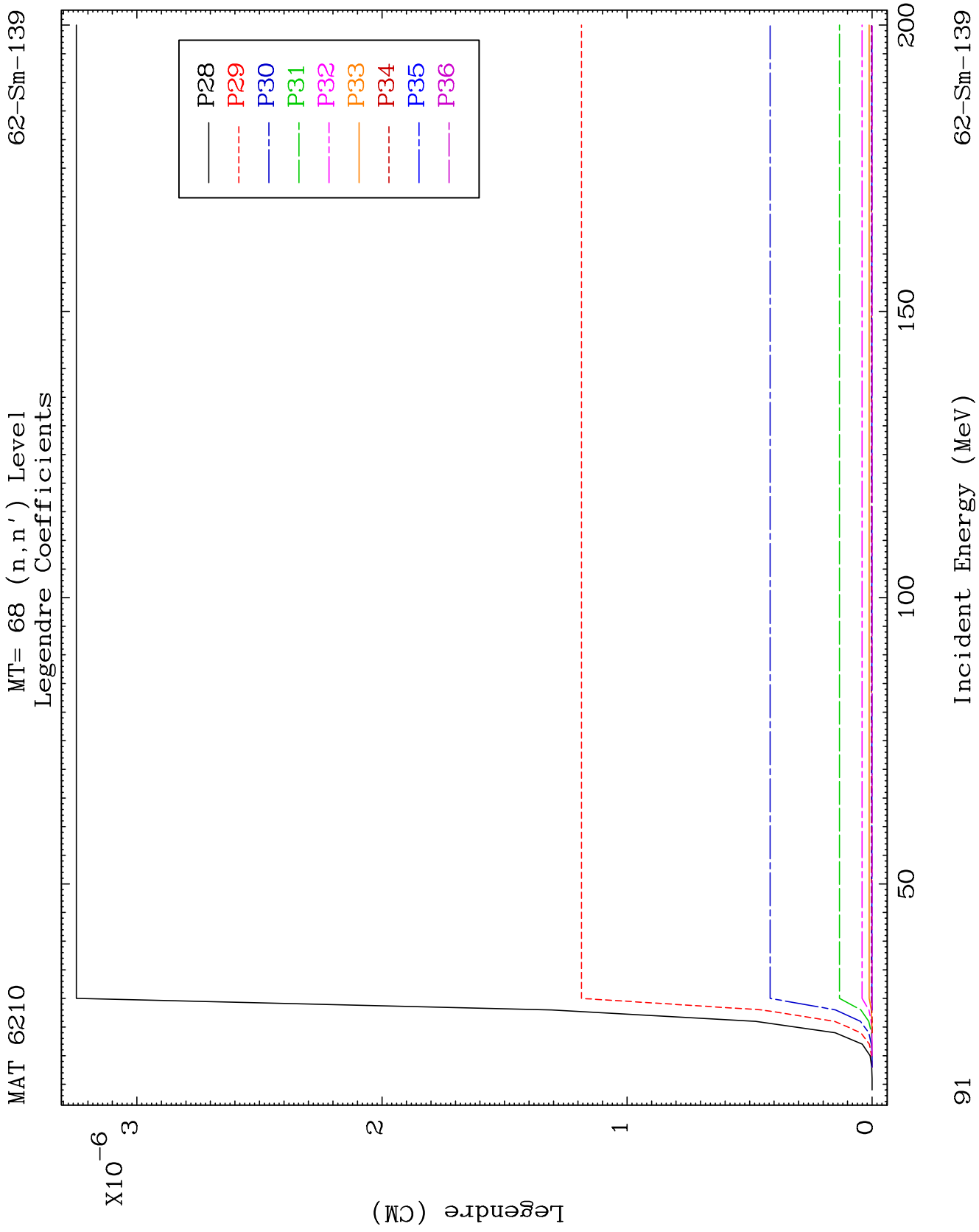


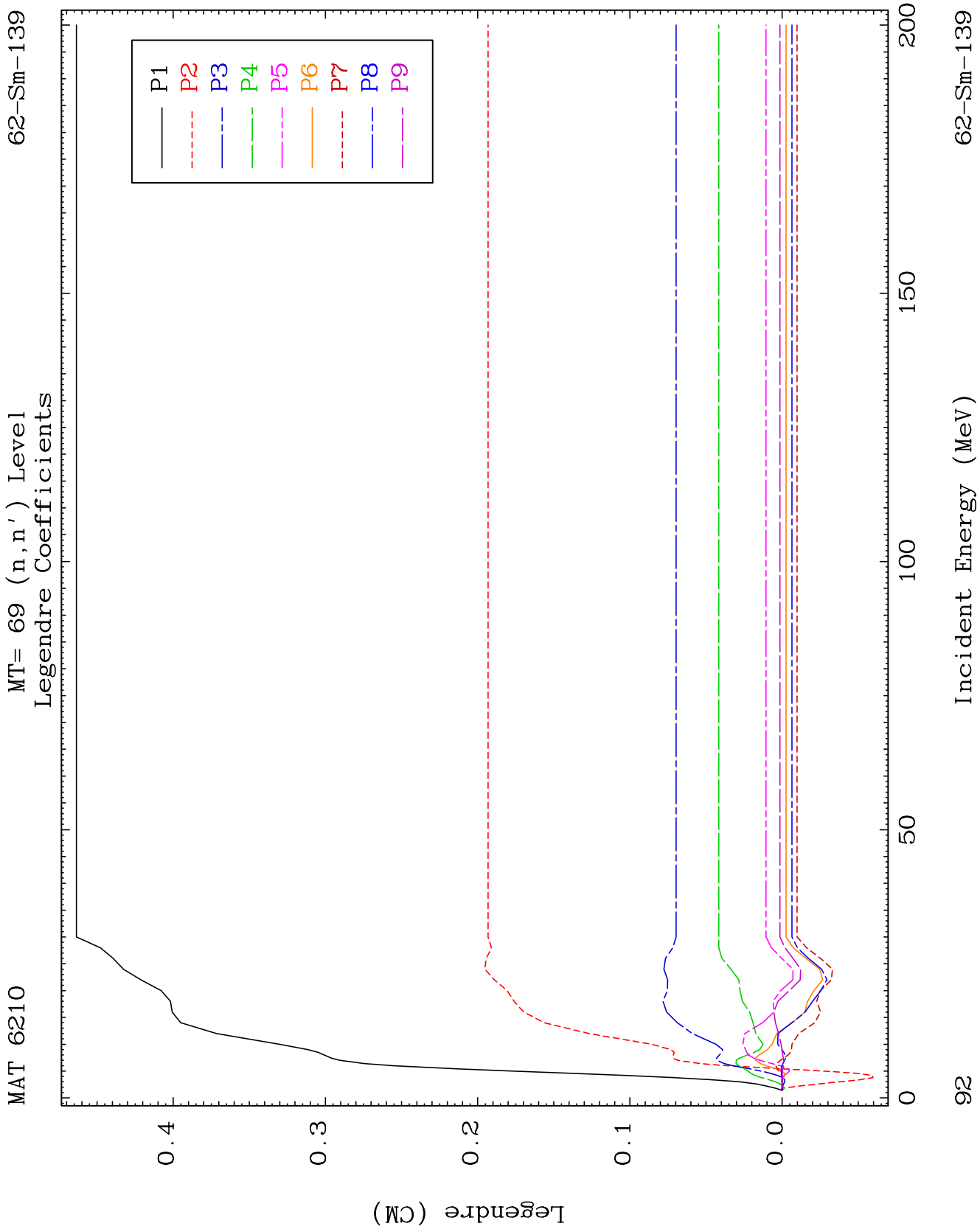


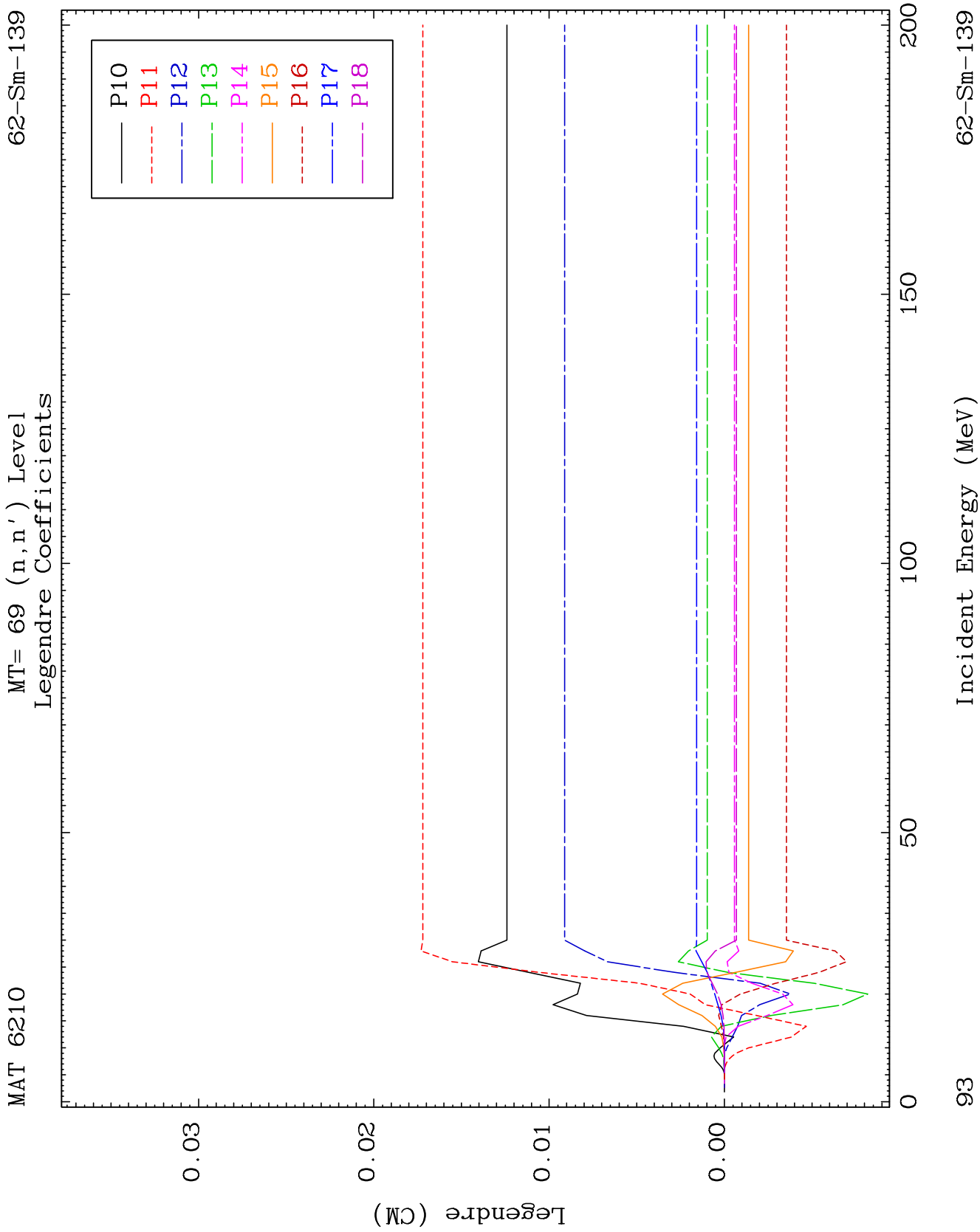


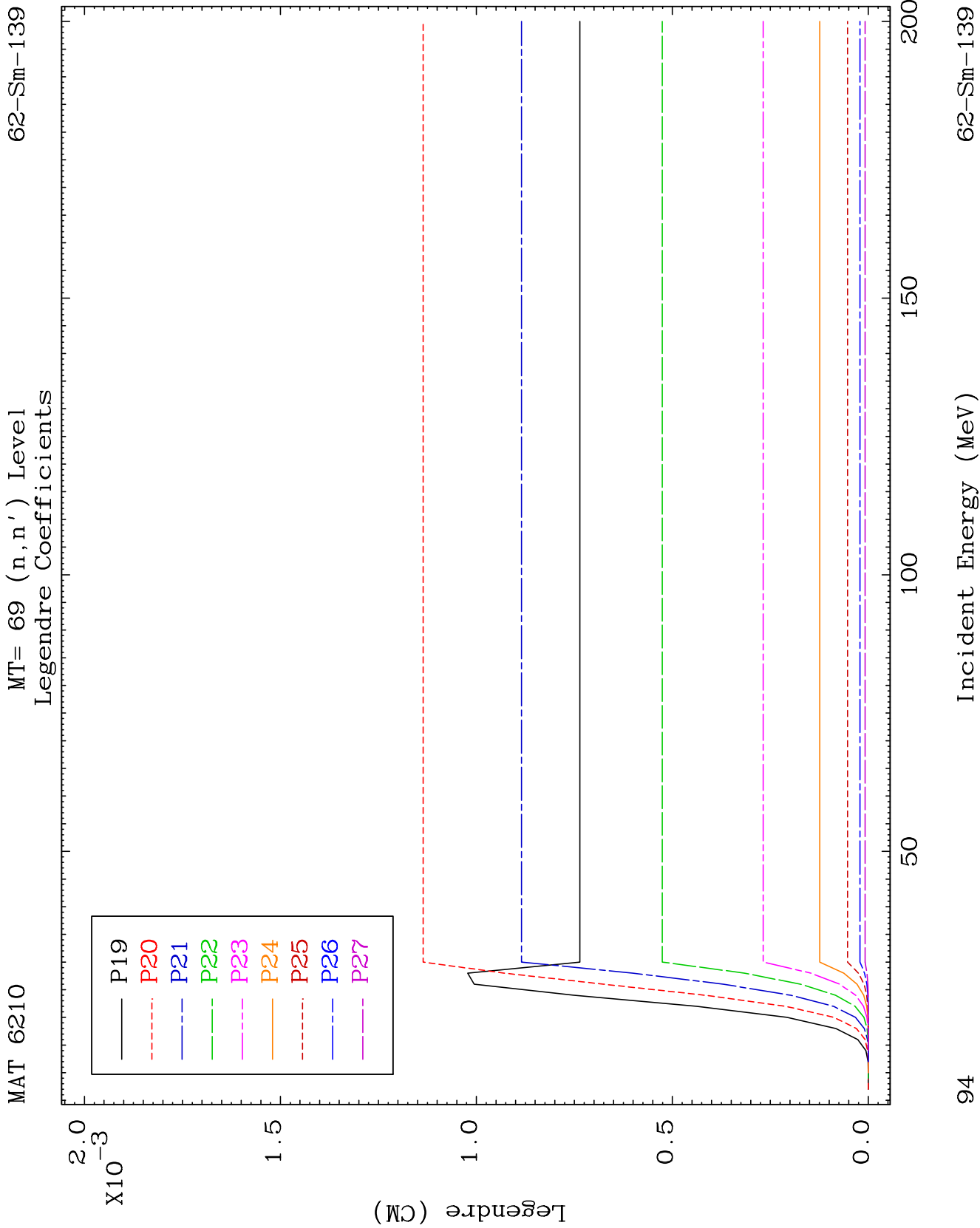


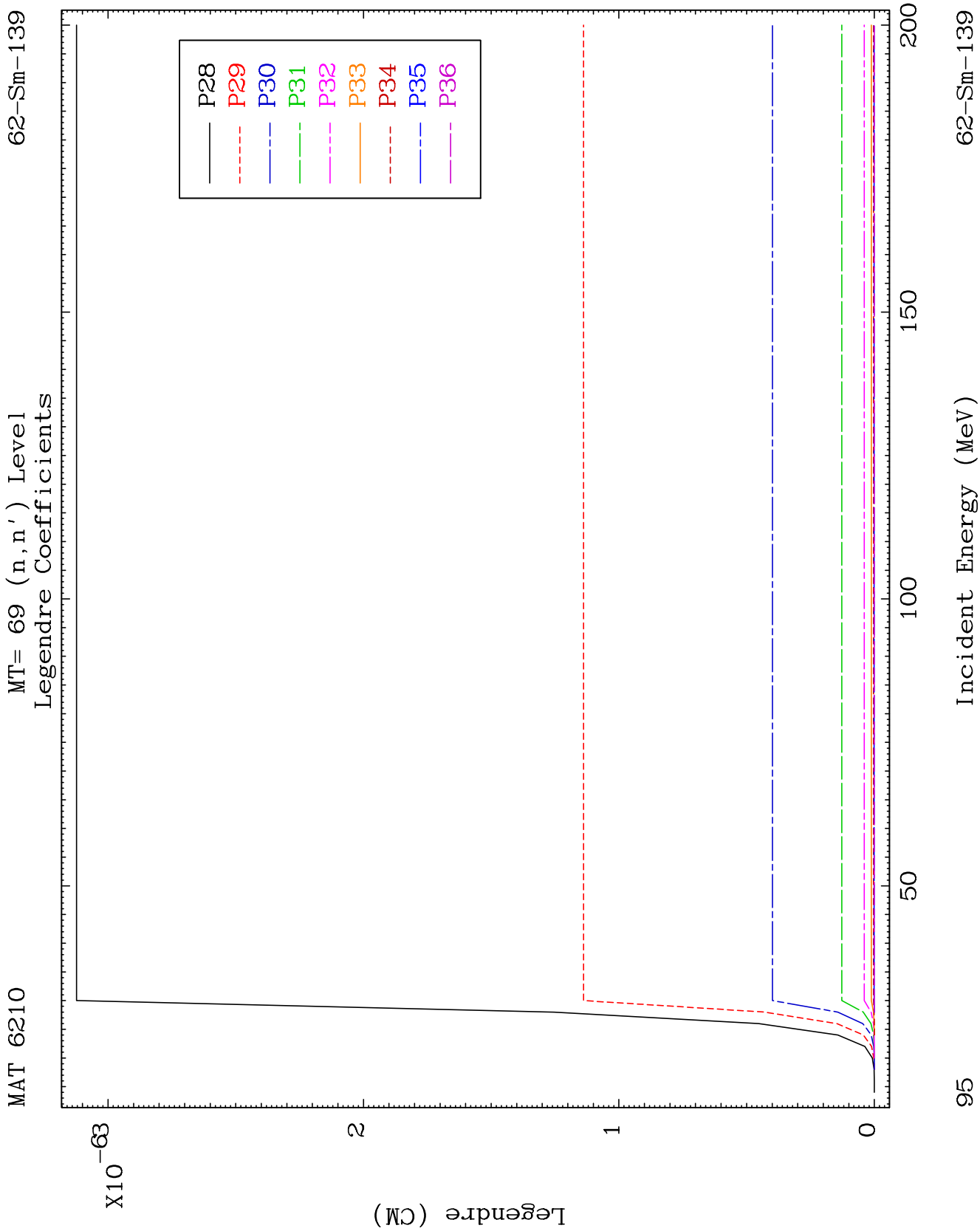


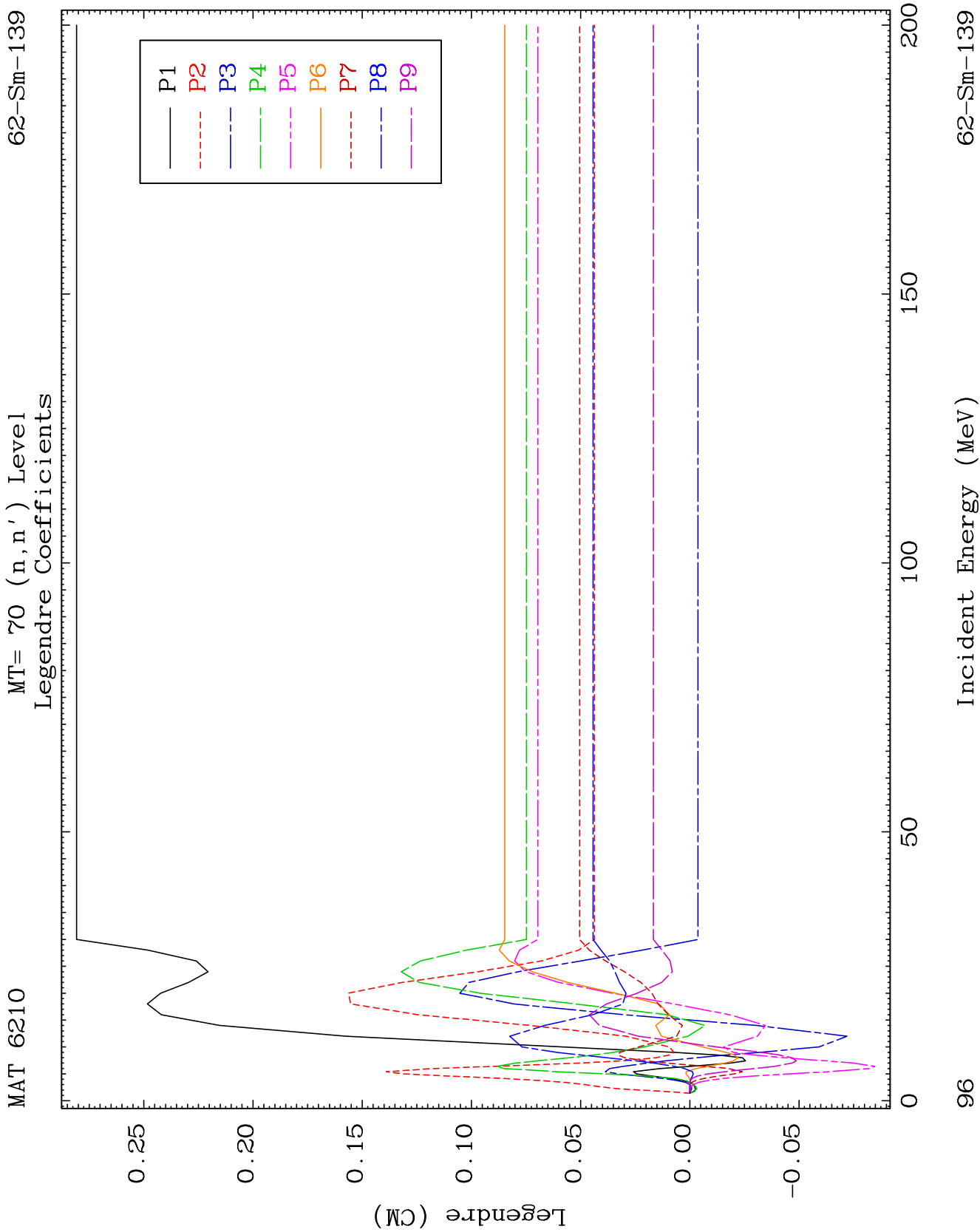








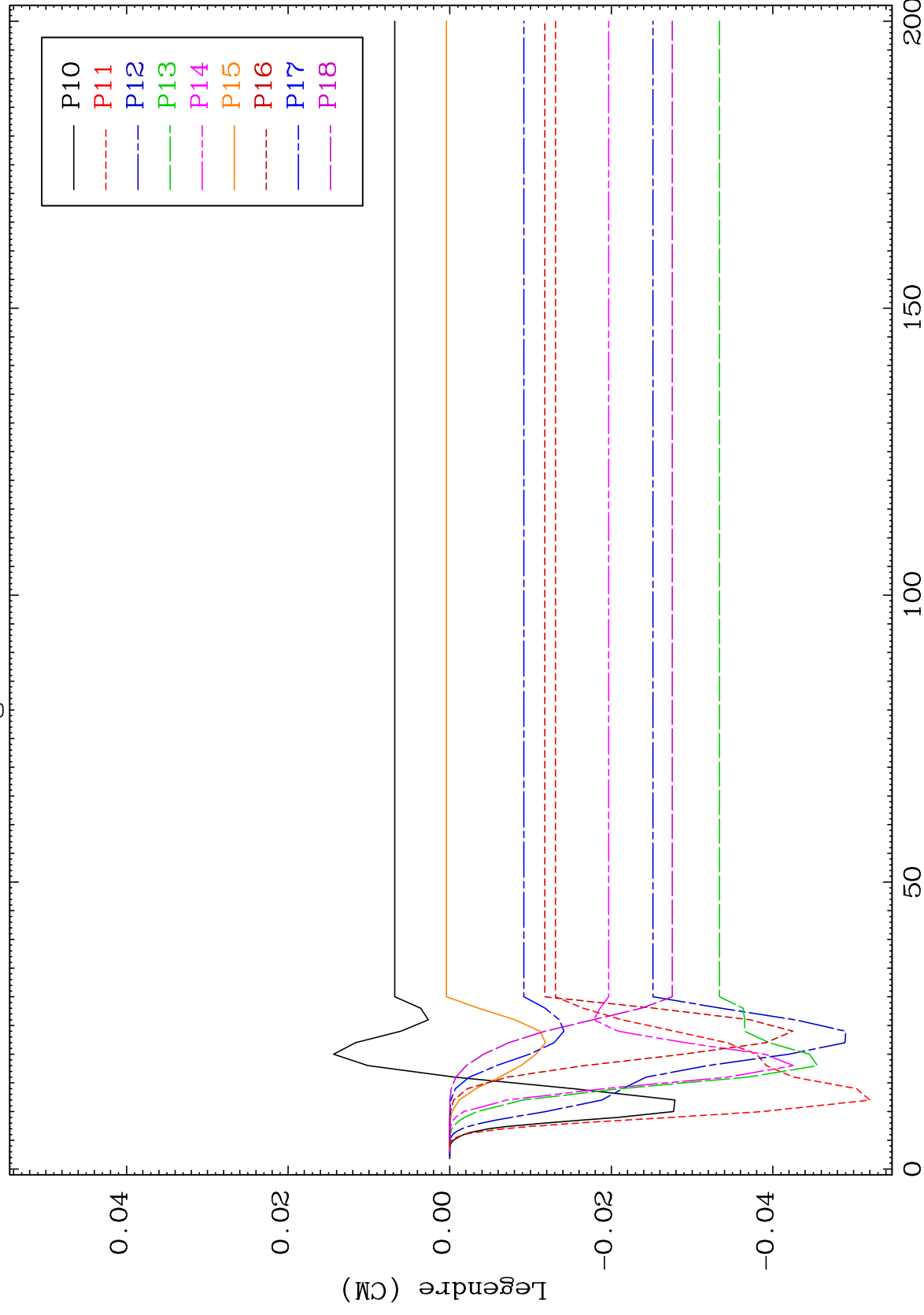




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MT= 70 (n, n') Level
Legendre Coefficients

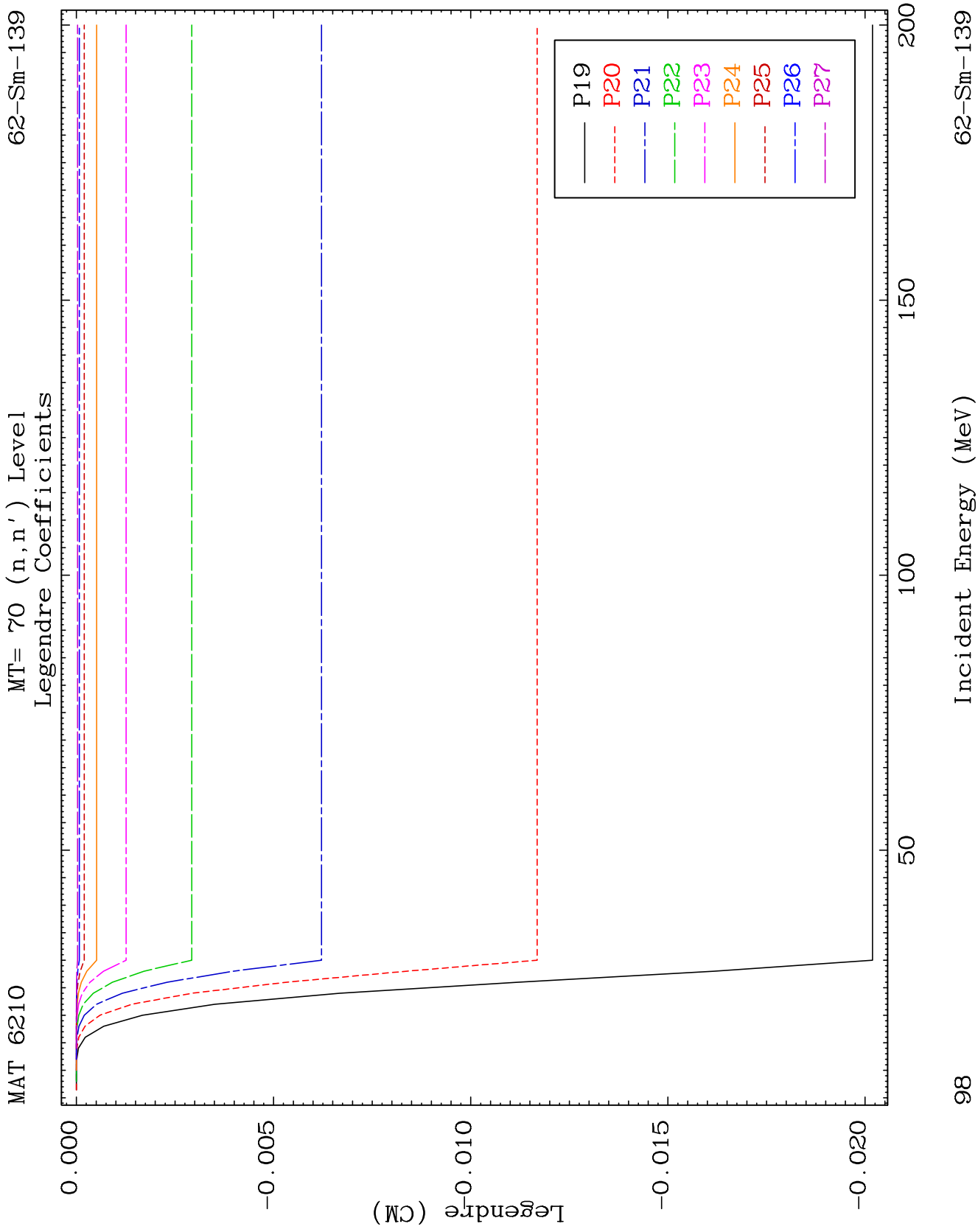
62-Sm-139

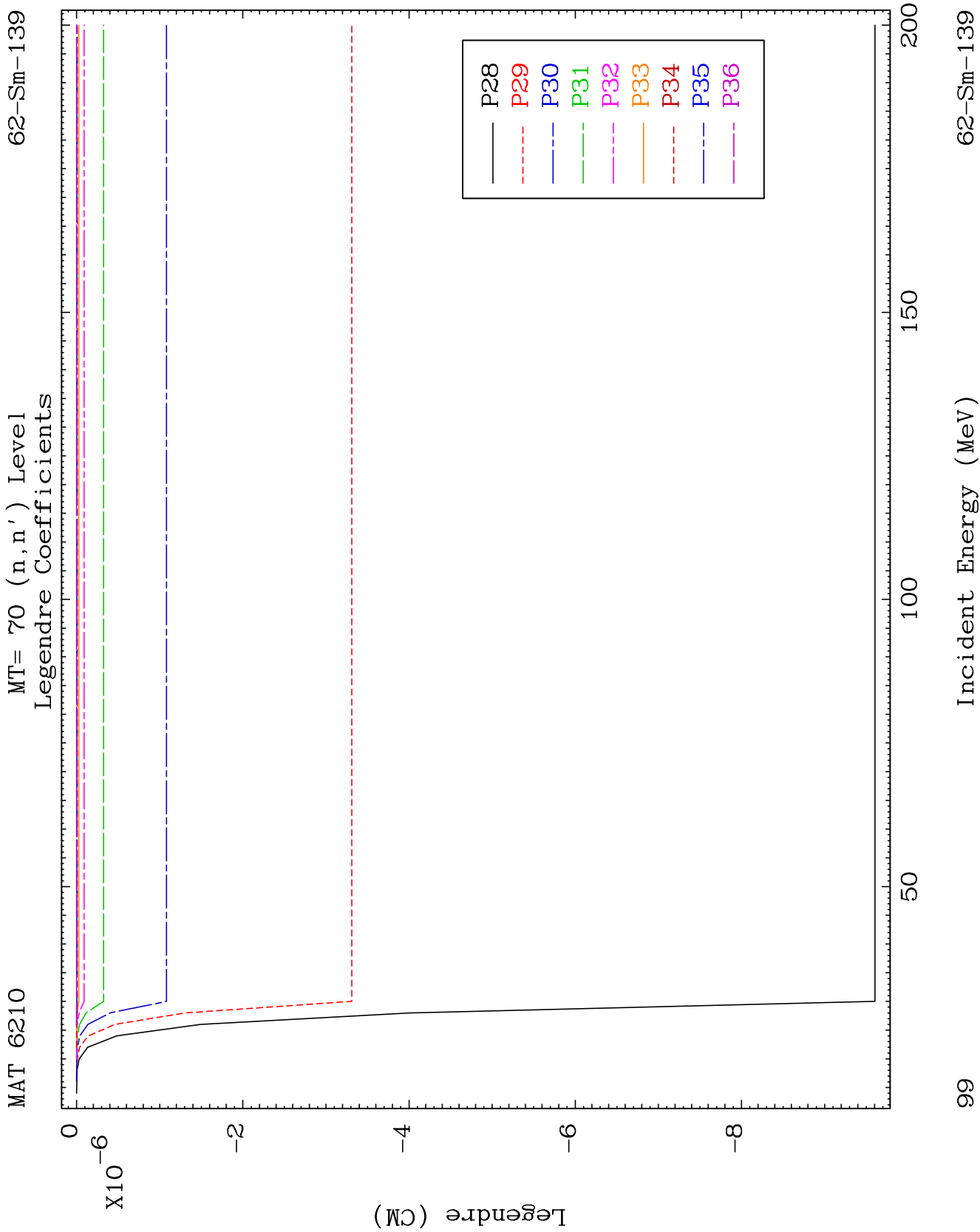


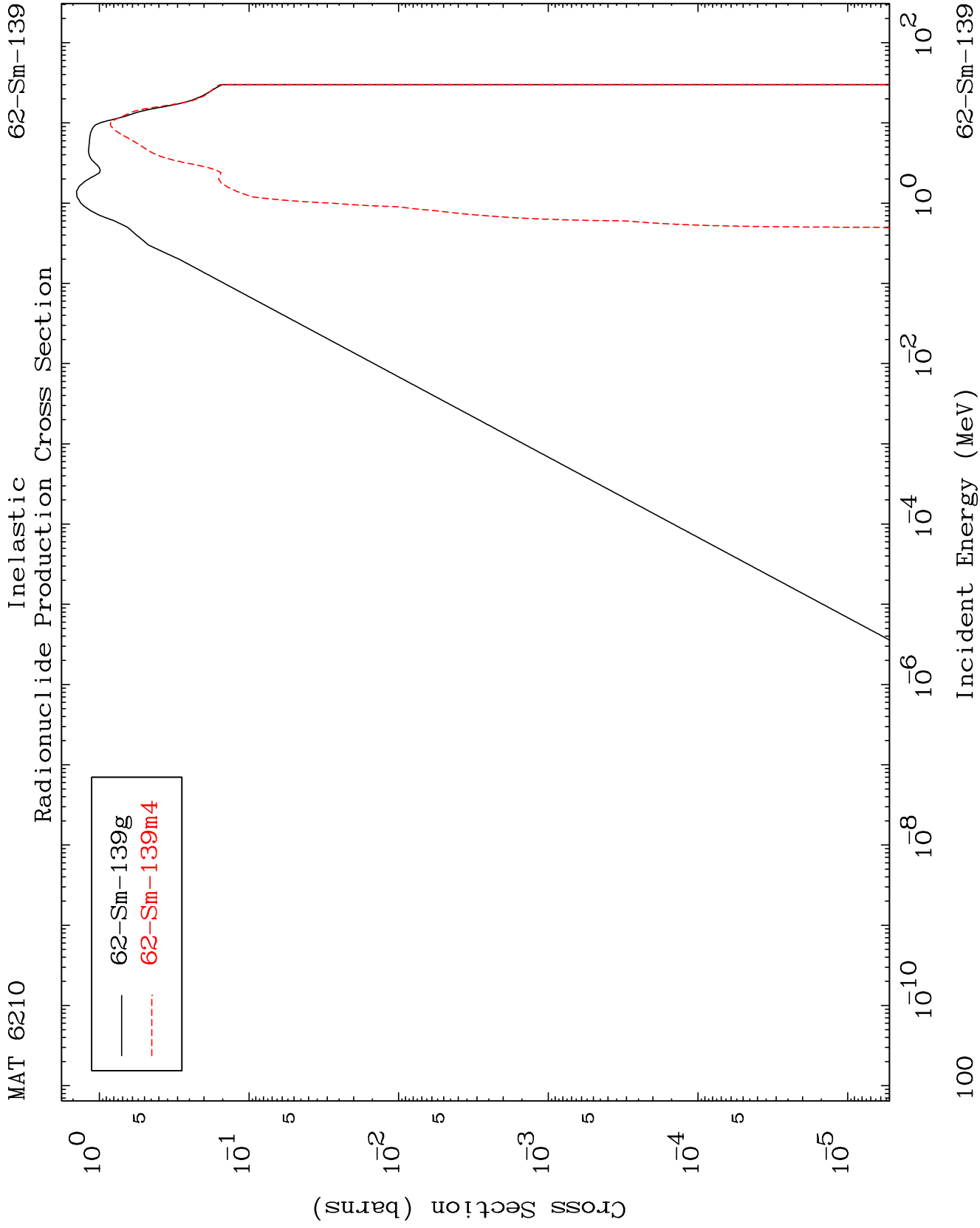
26

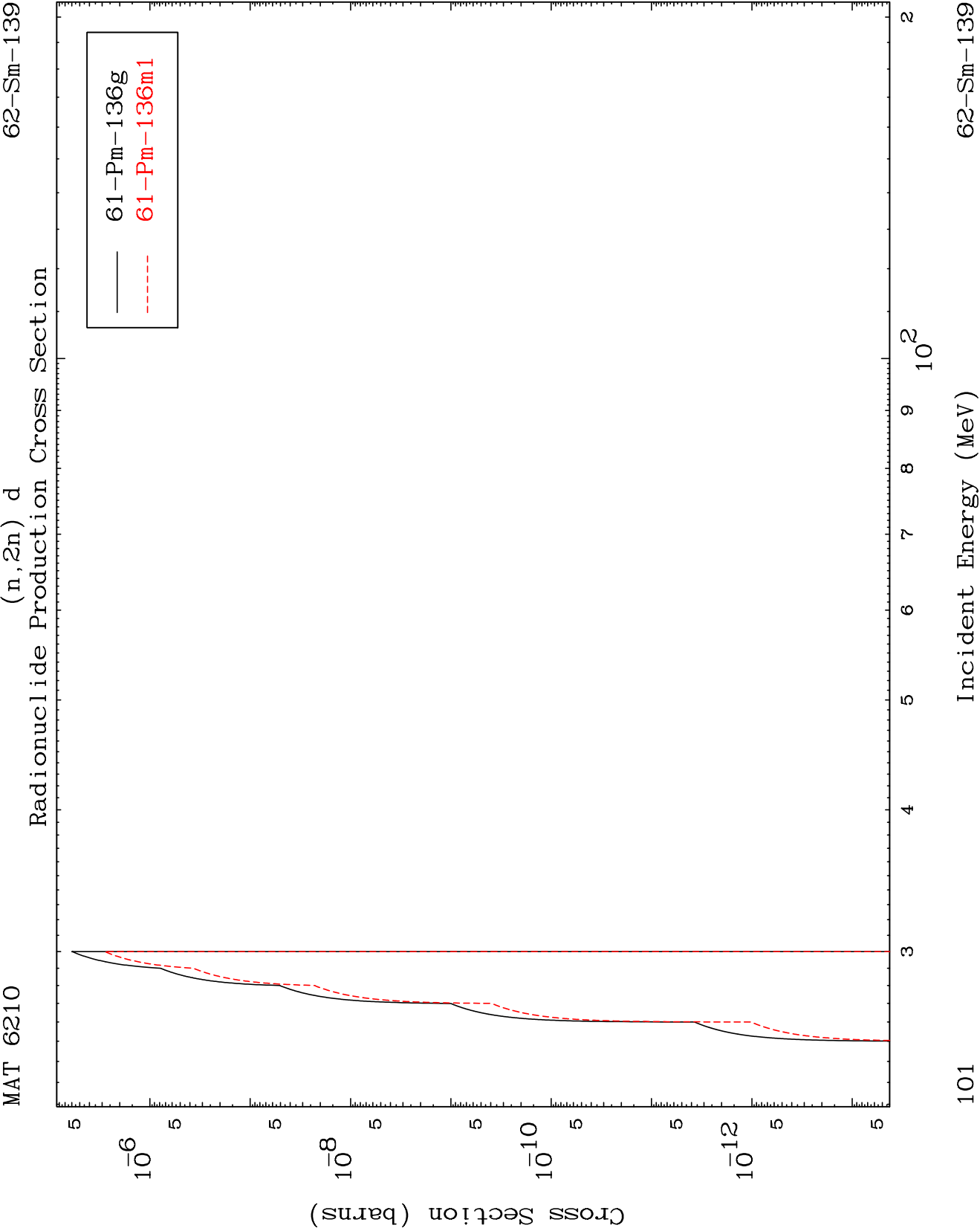
Incident Energy (MeV)

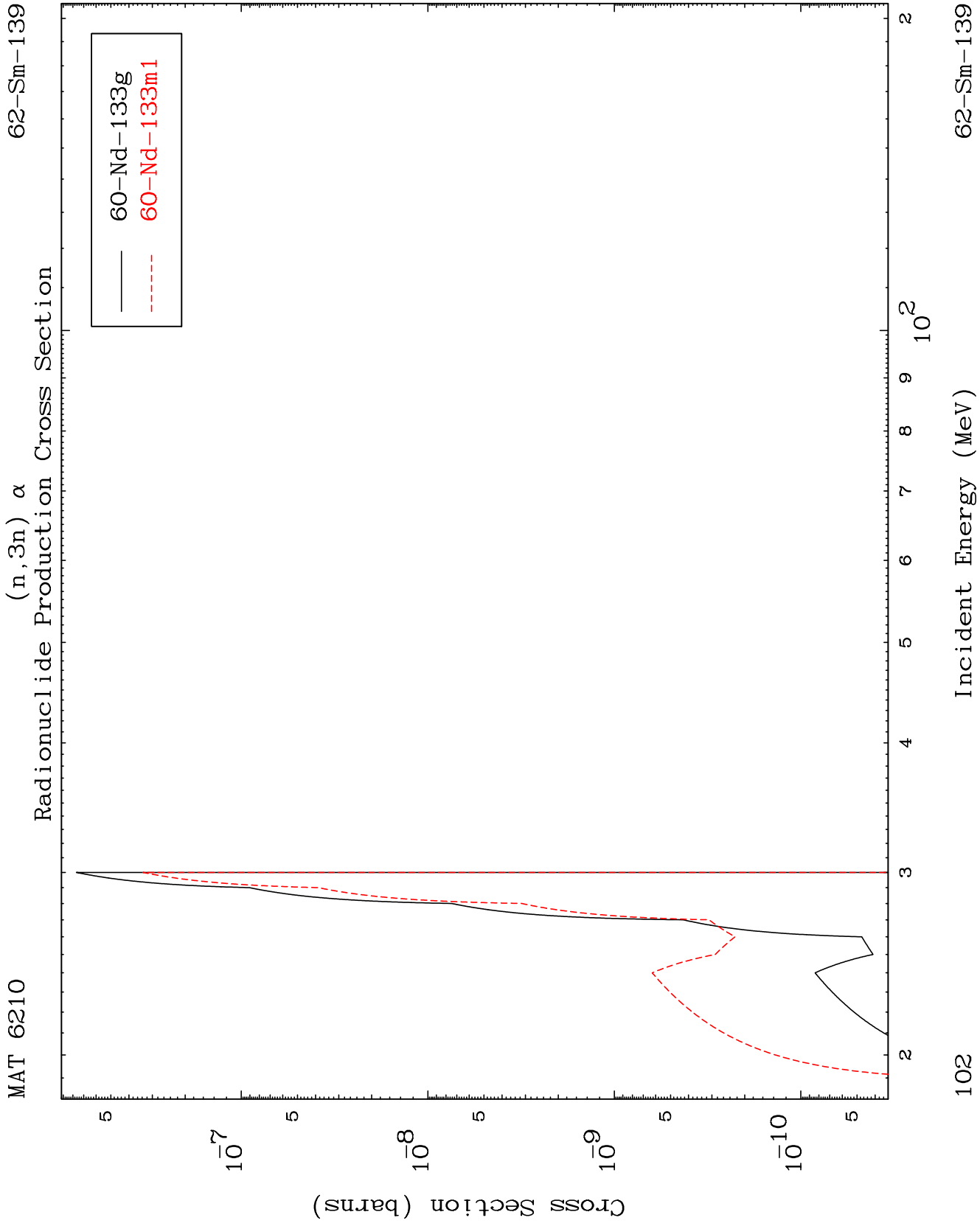
62-Sm-139

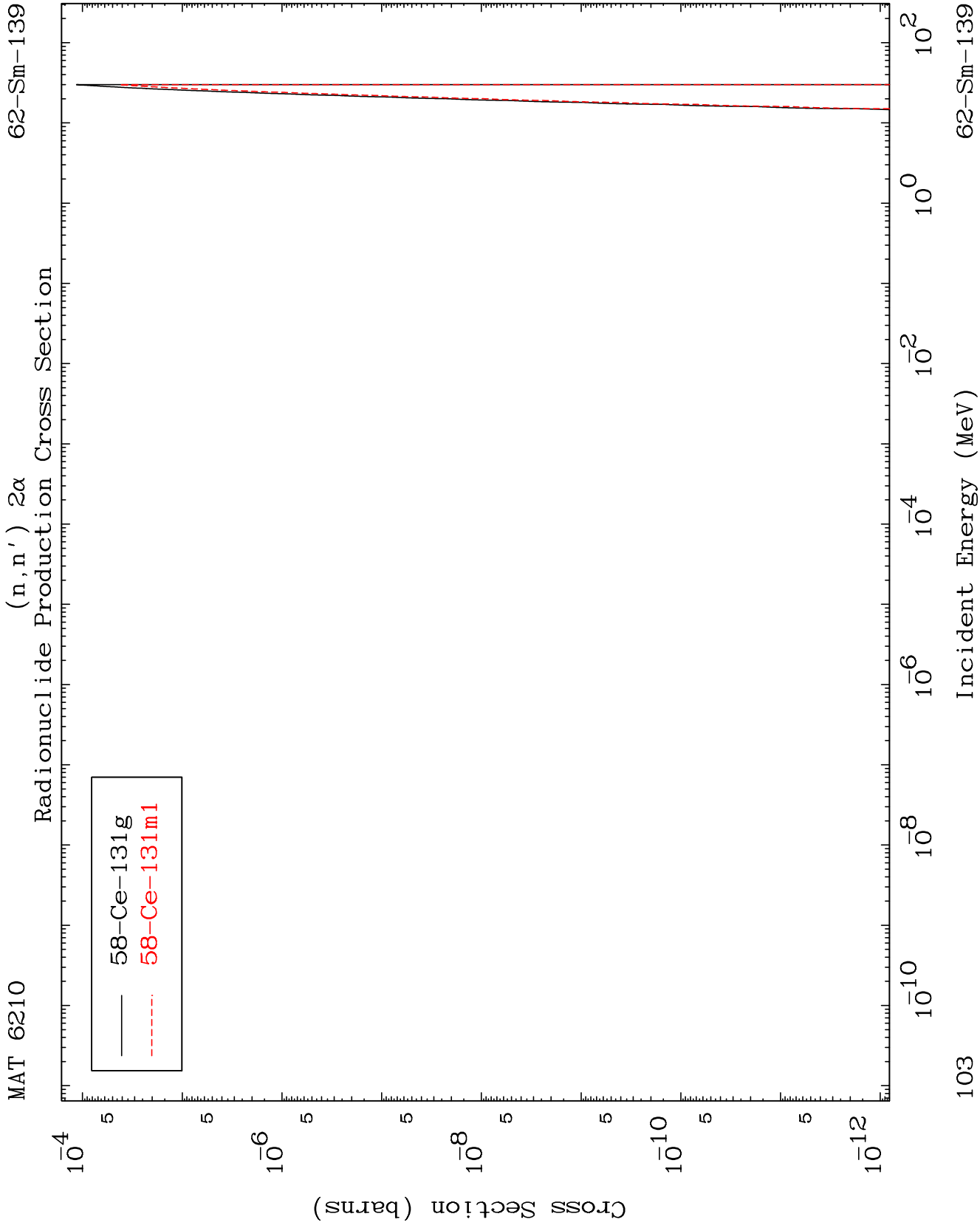


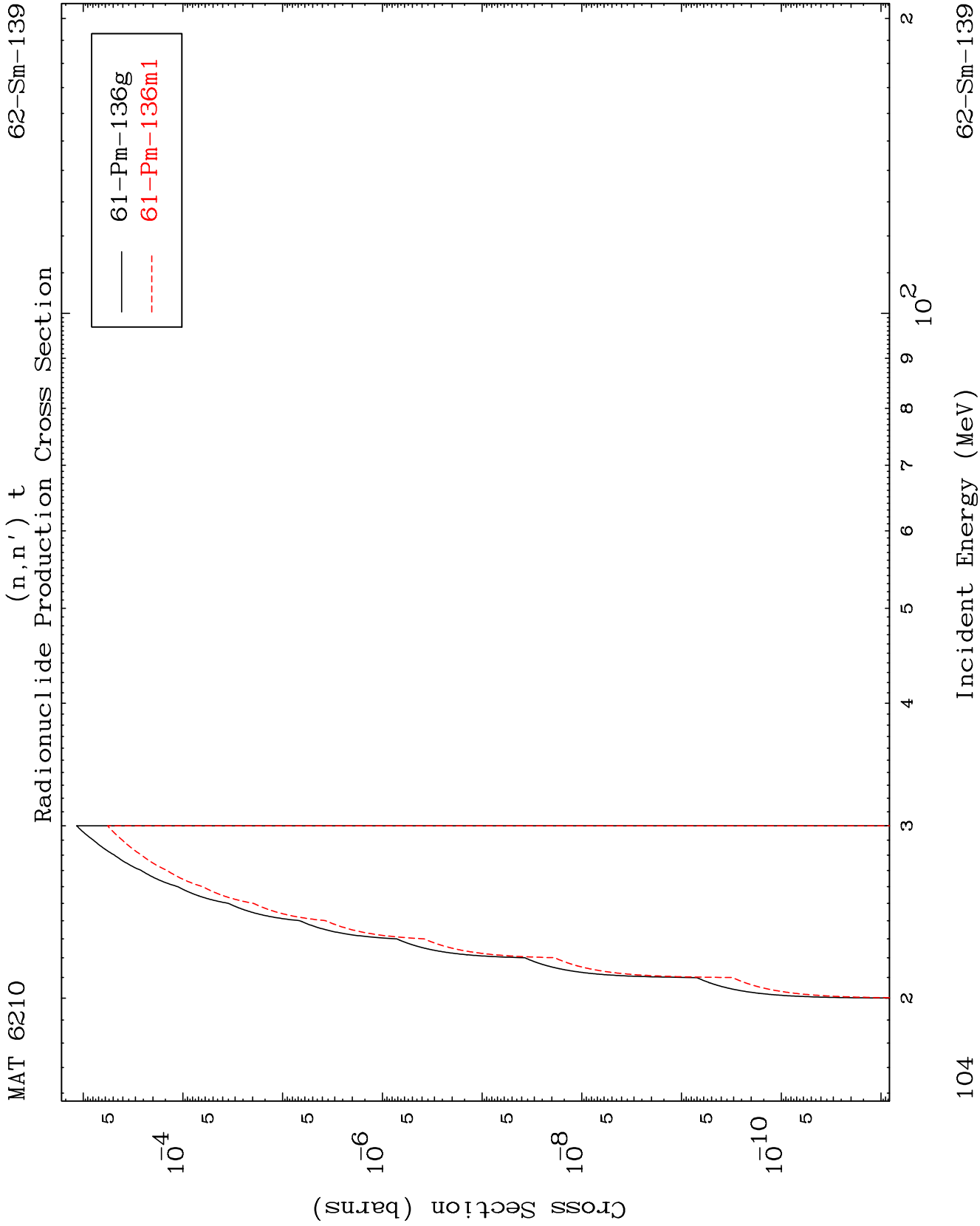


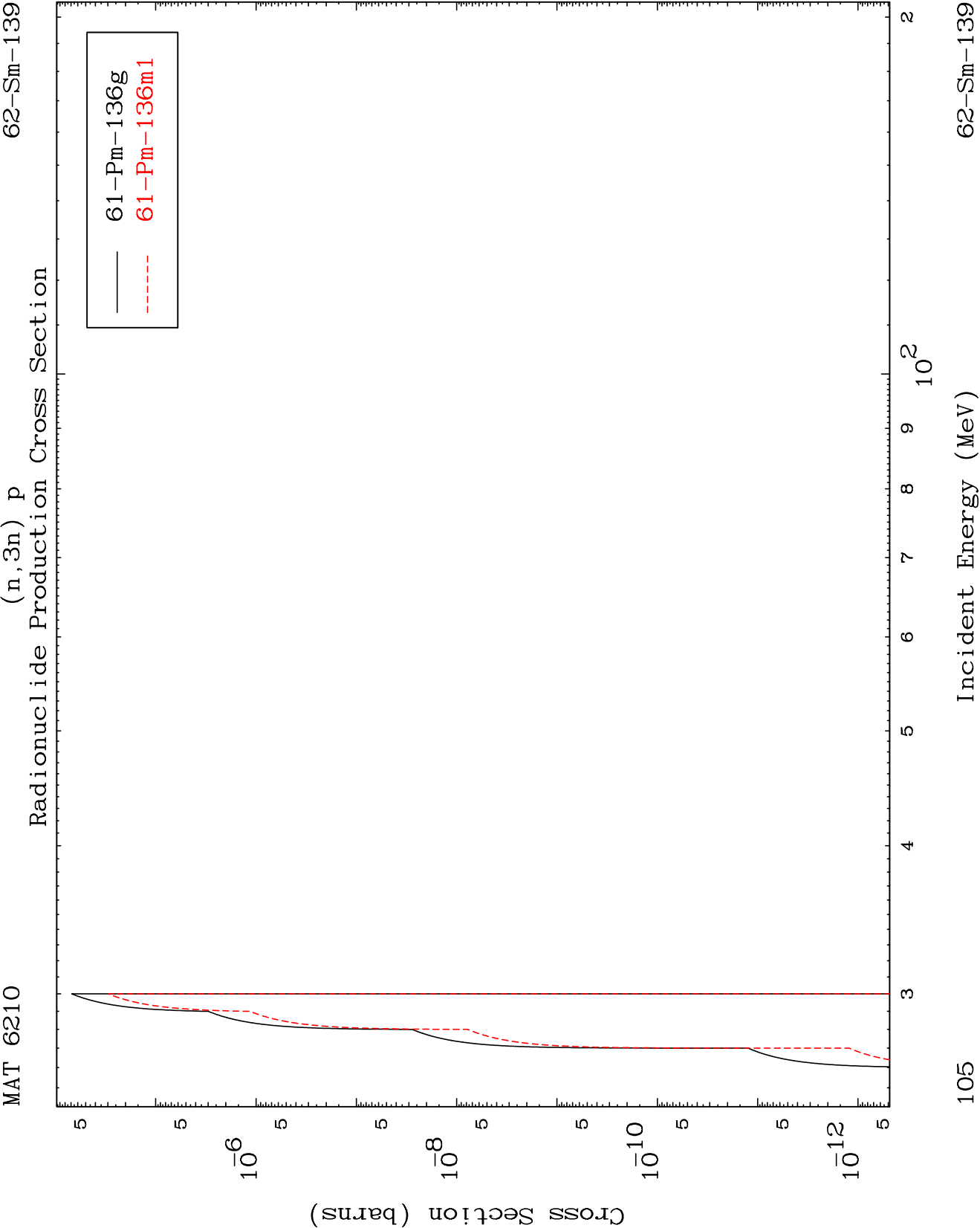


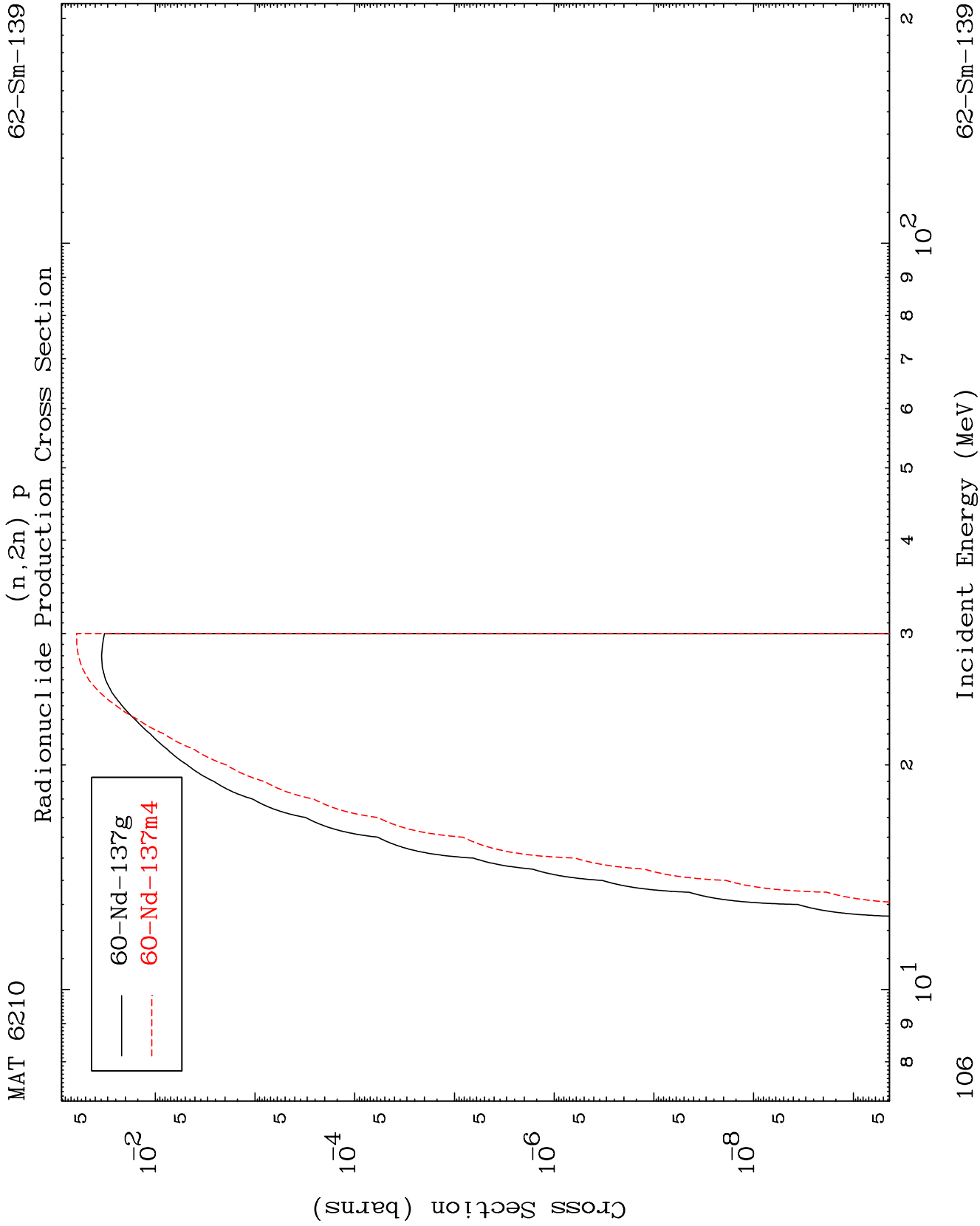


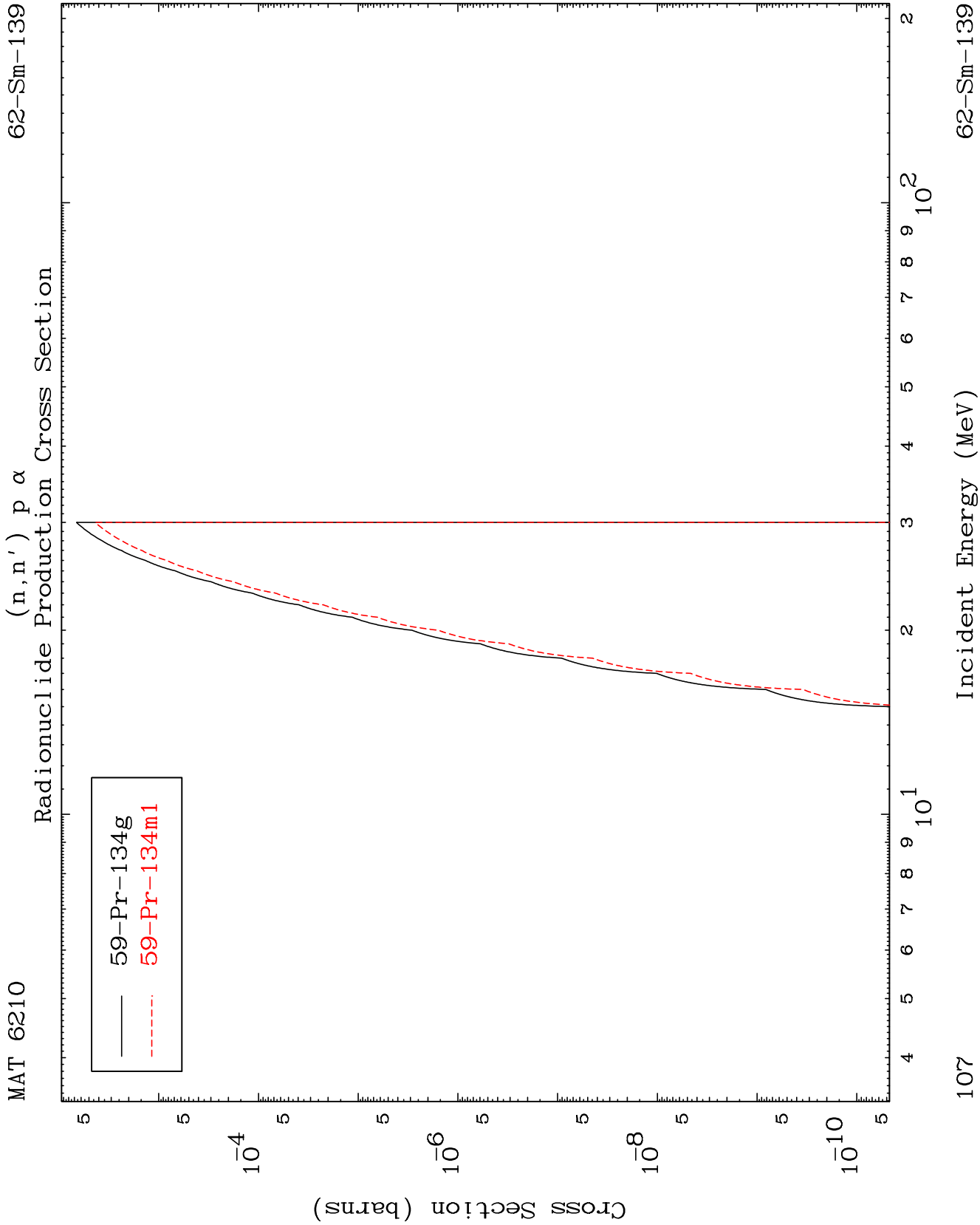








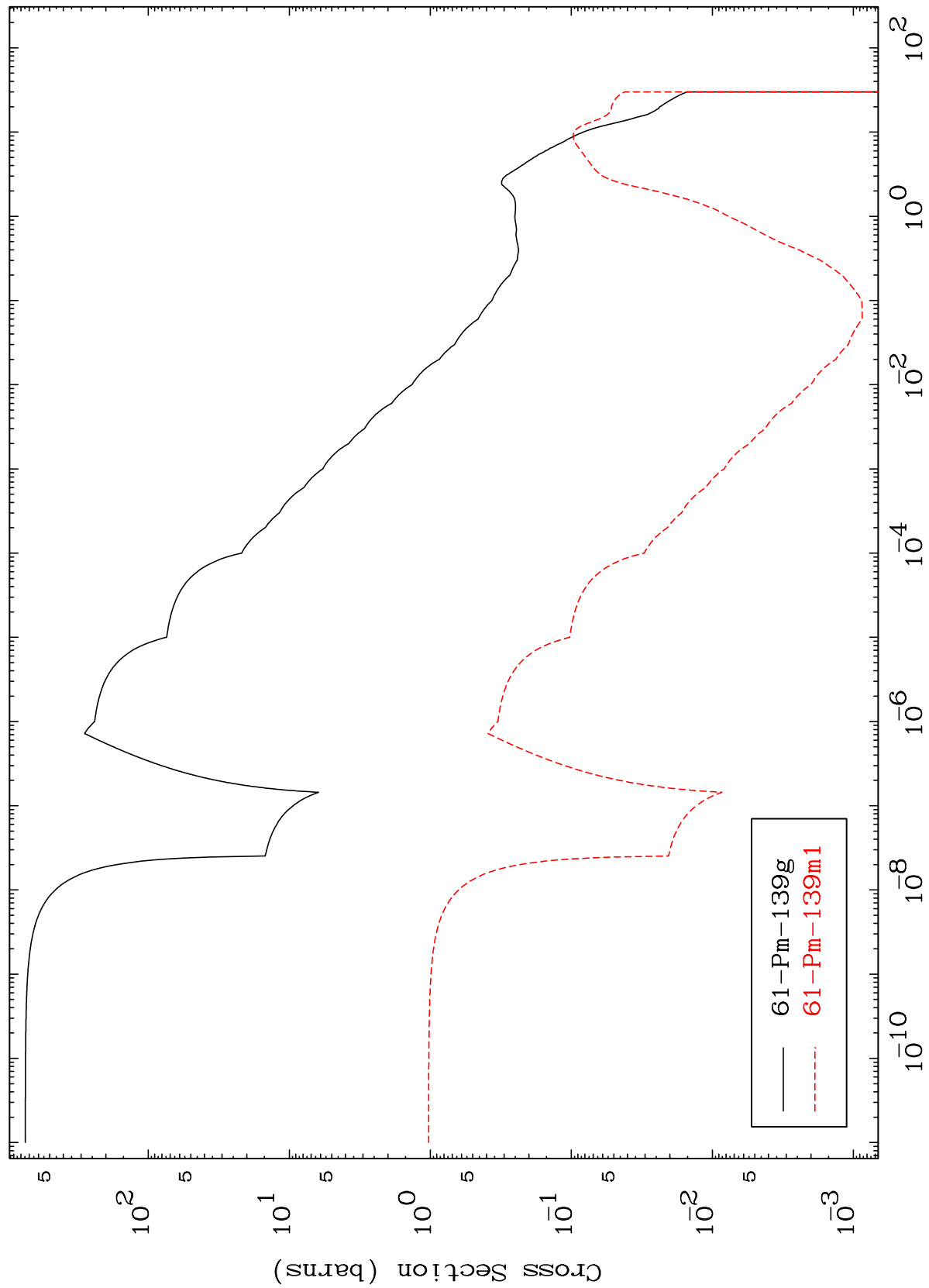




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62-Sm-139

Radionuclide Production Cross Section
(n,p)



— 61-Pm-139g
- - - 61-Pm-139m1

108

62-Sm-139

