

Program EVALPLOT
(Version 2017-1)

by

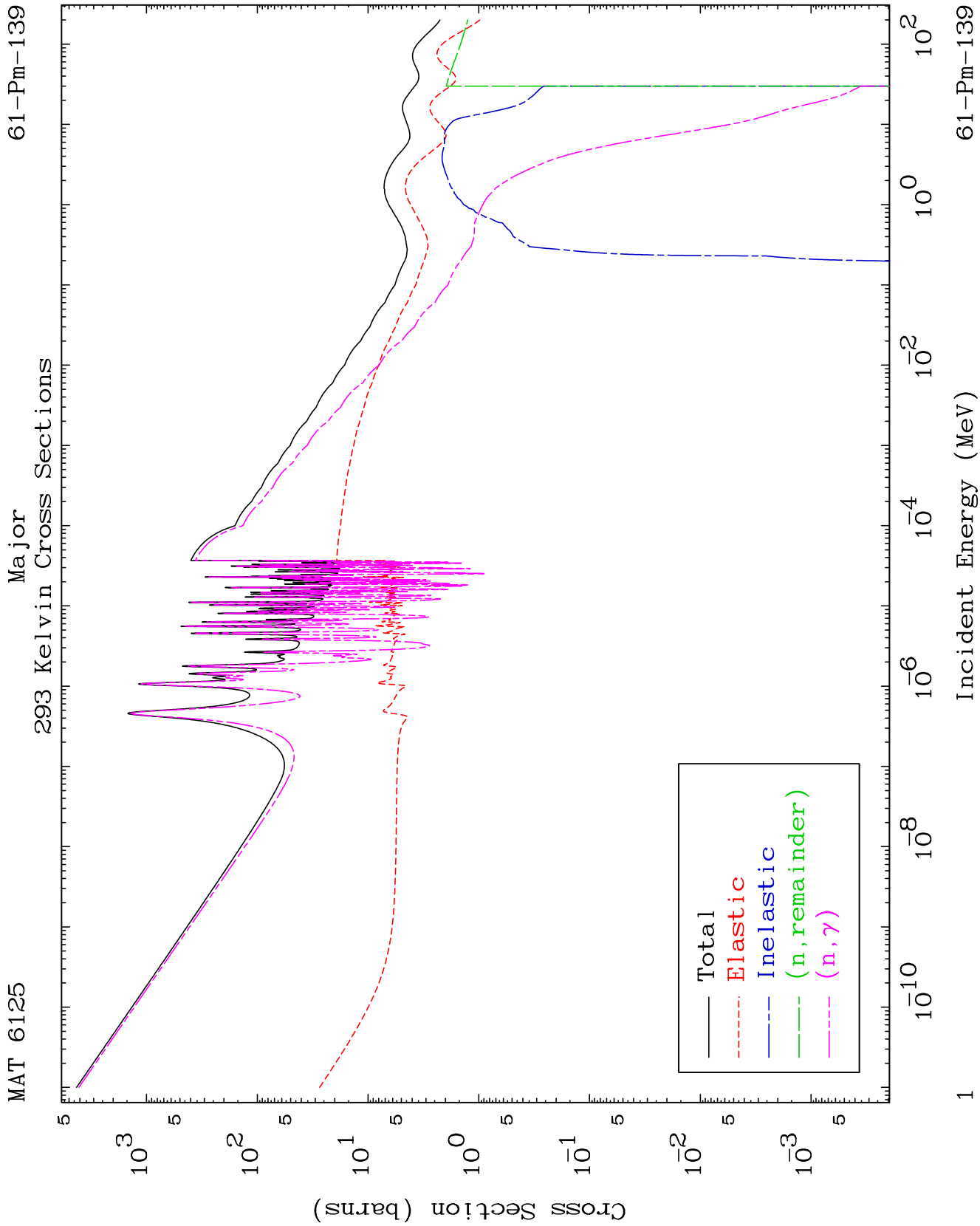
Dermott E. Cullen
(Present Contact Information)

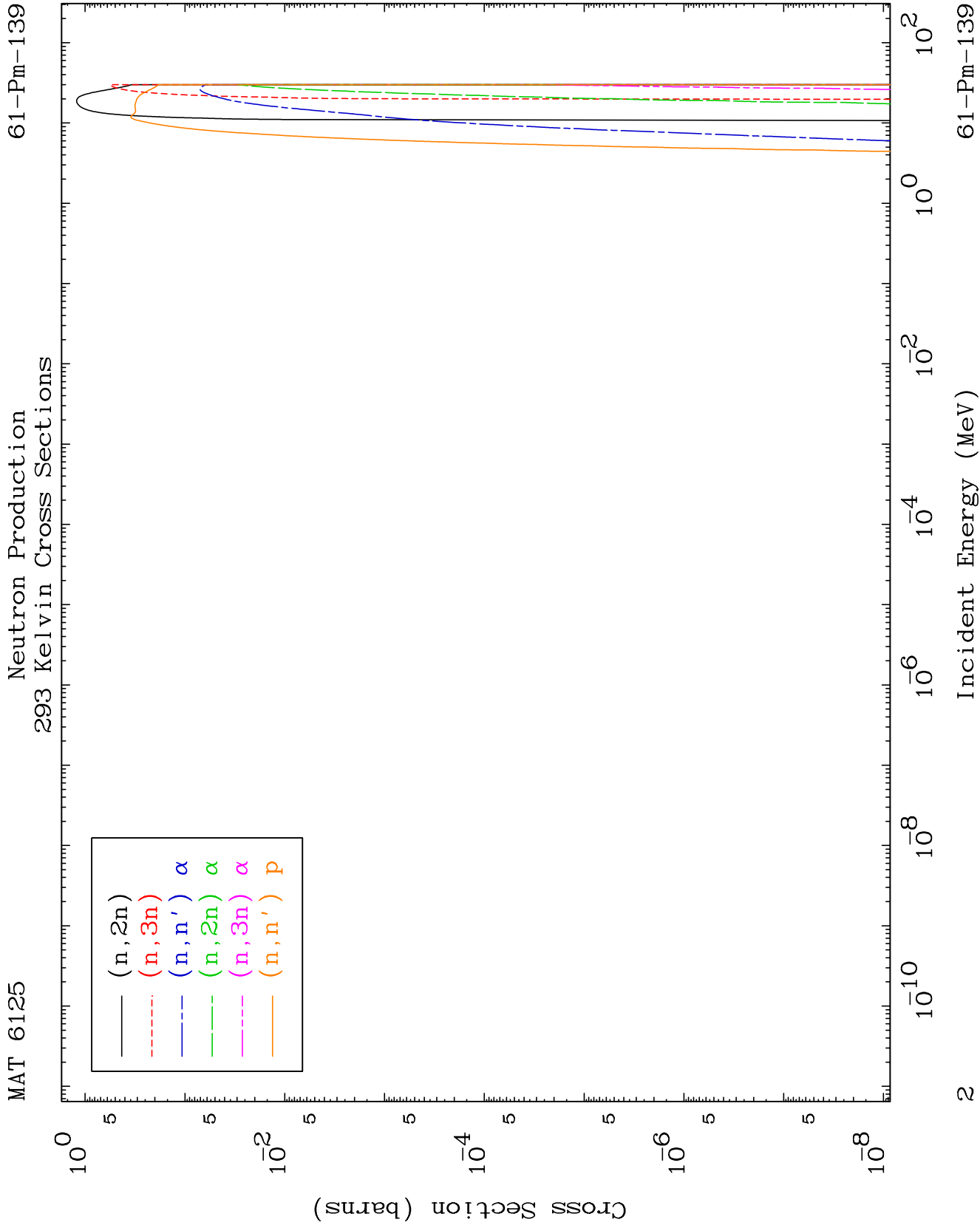
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

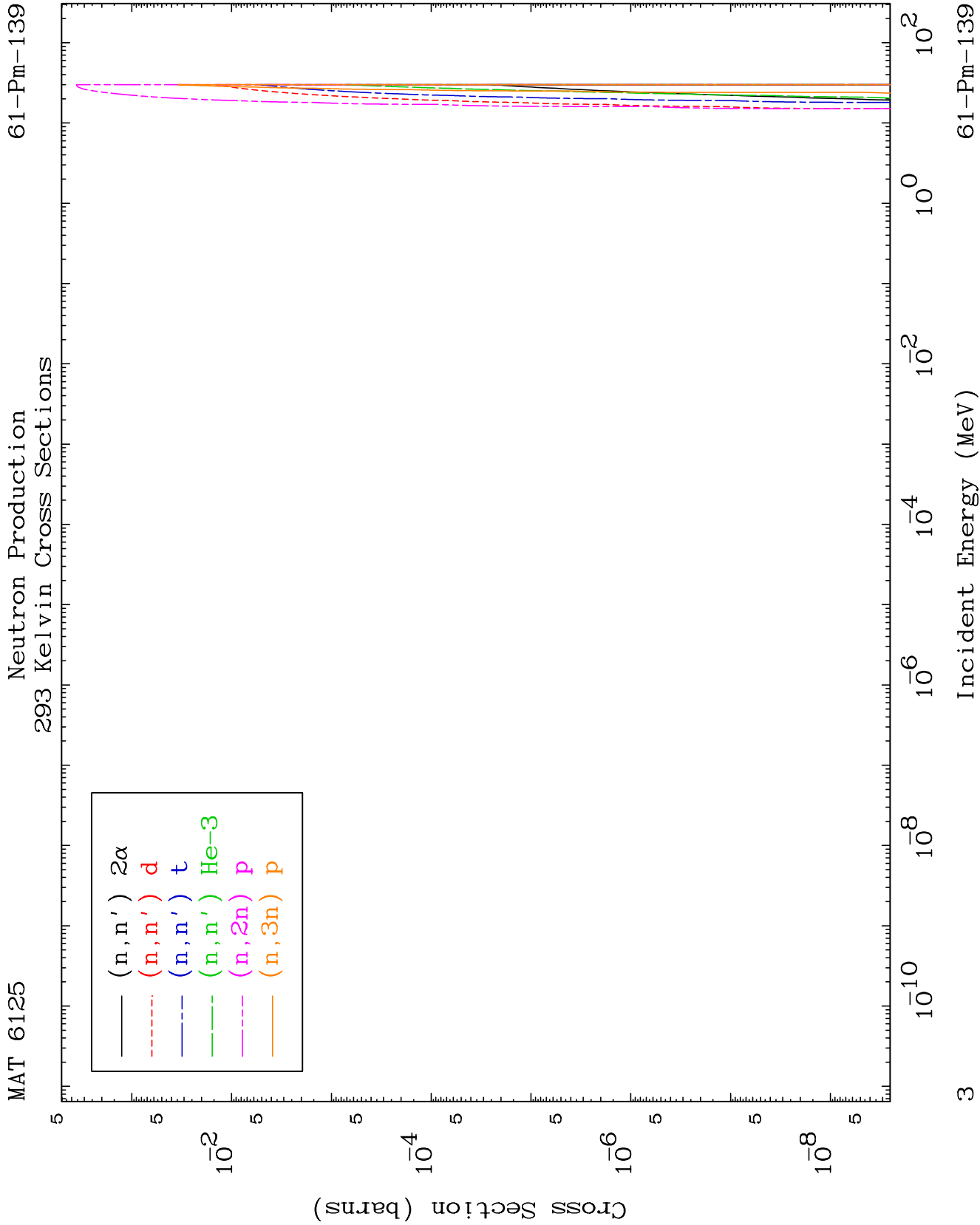
Tele: 925-443-1911

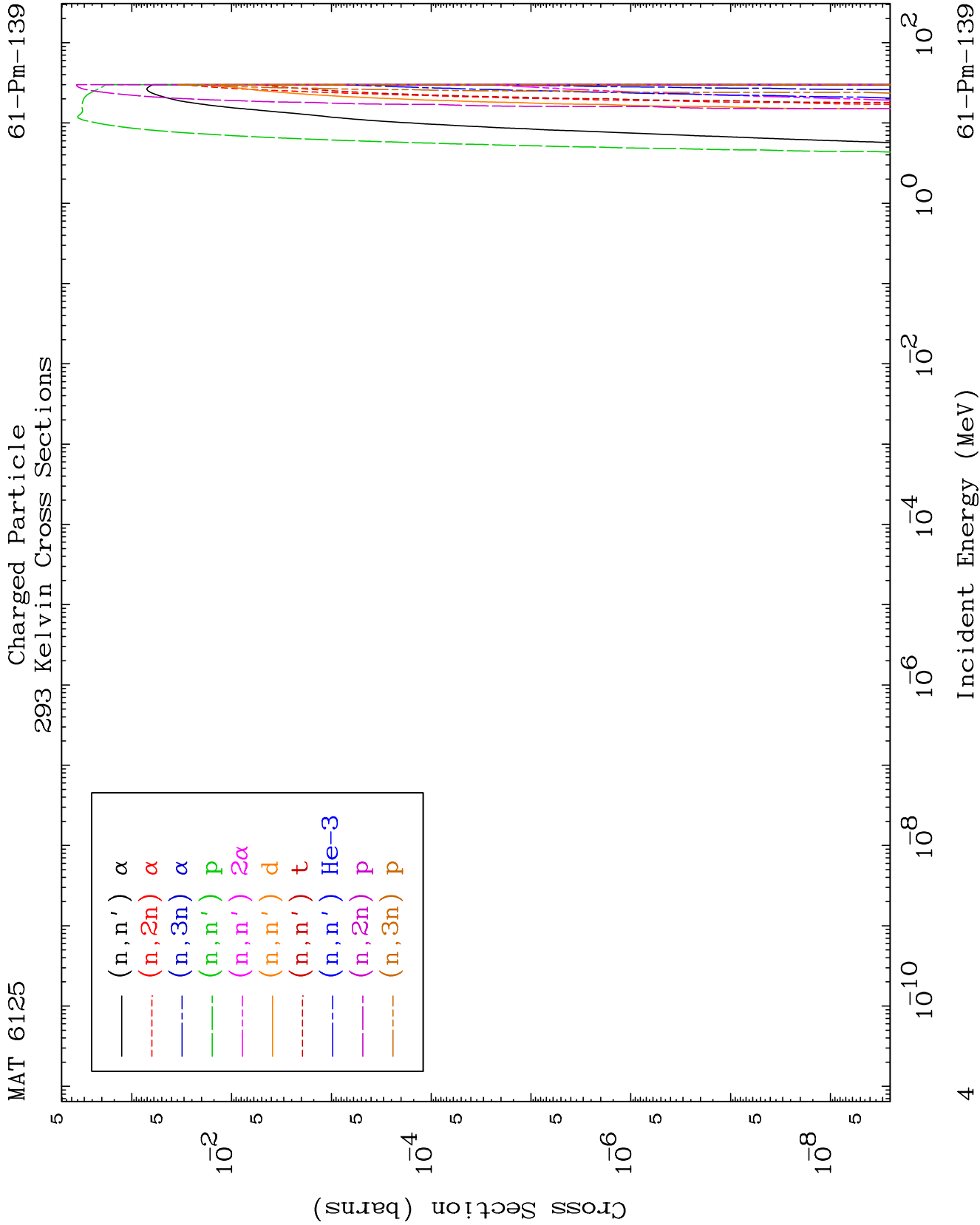
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

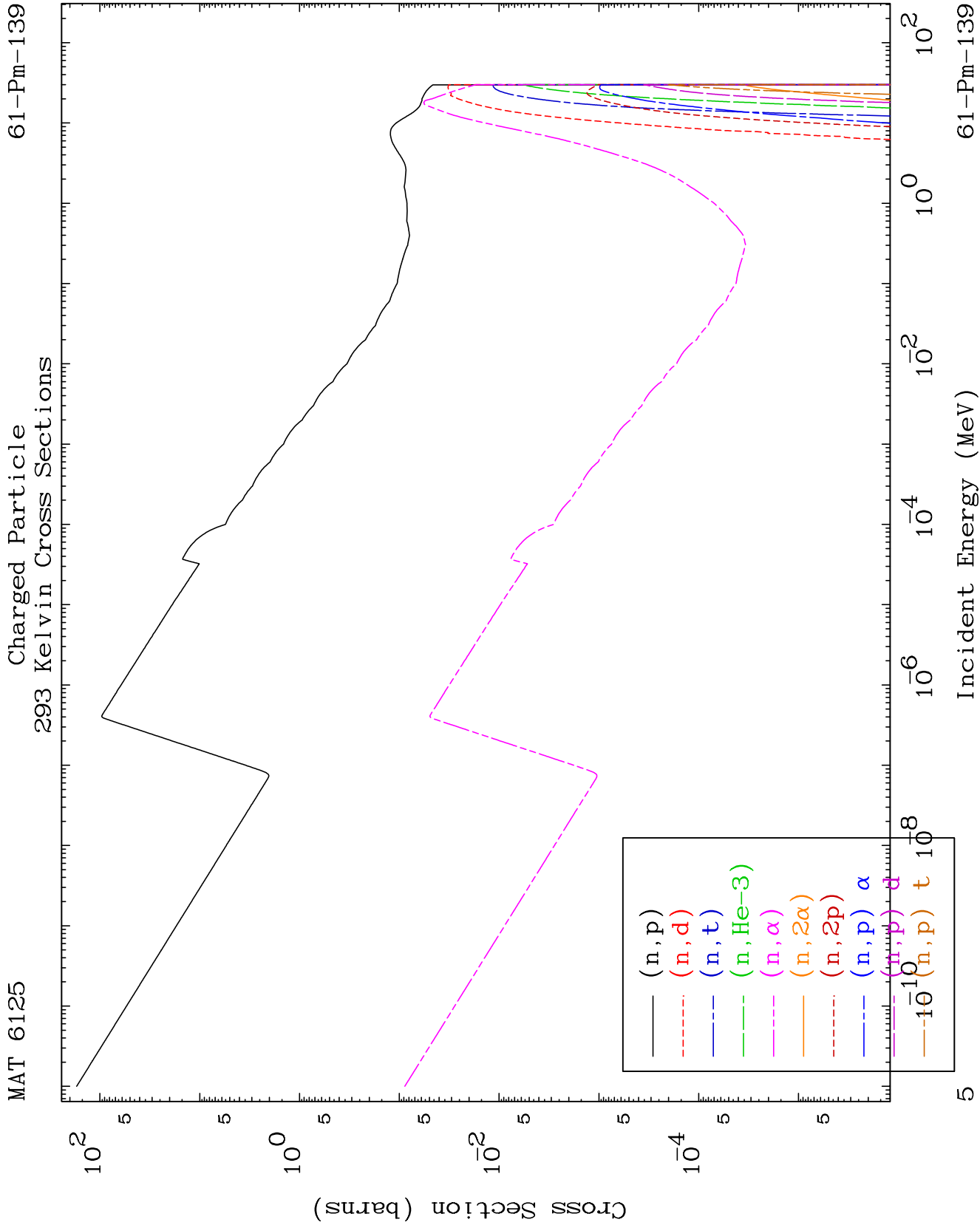
Press Mouse Button to Start

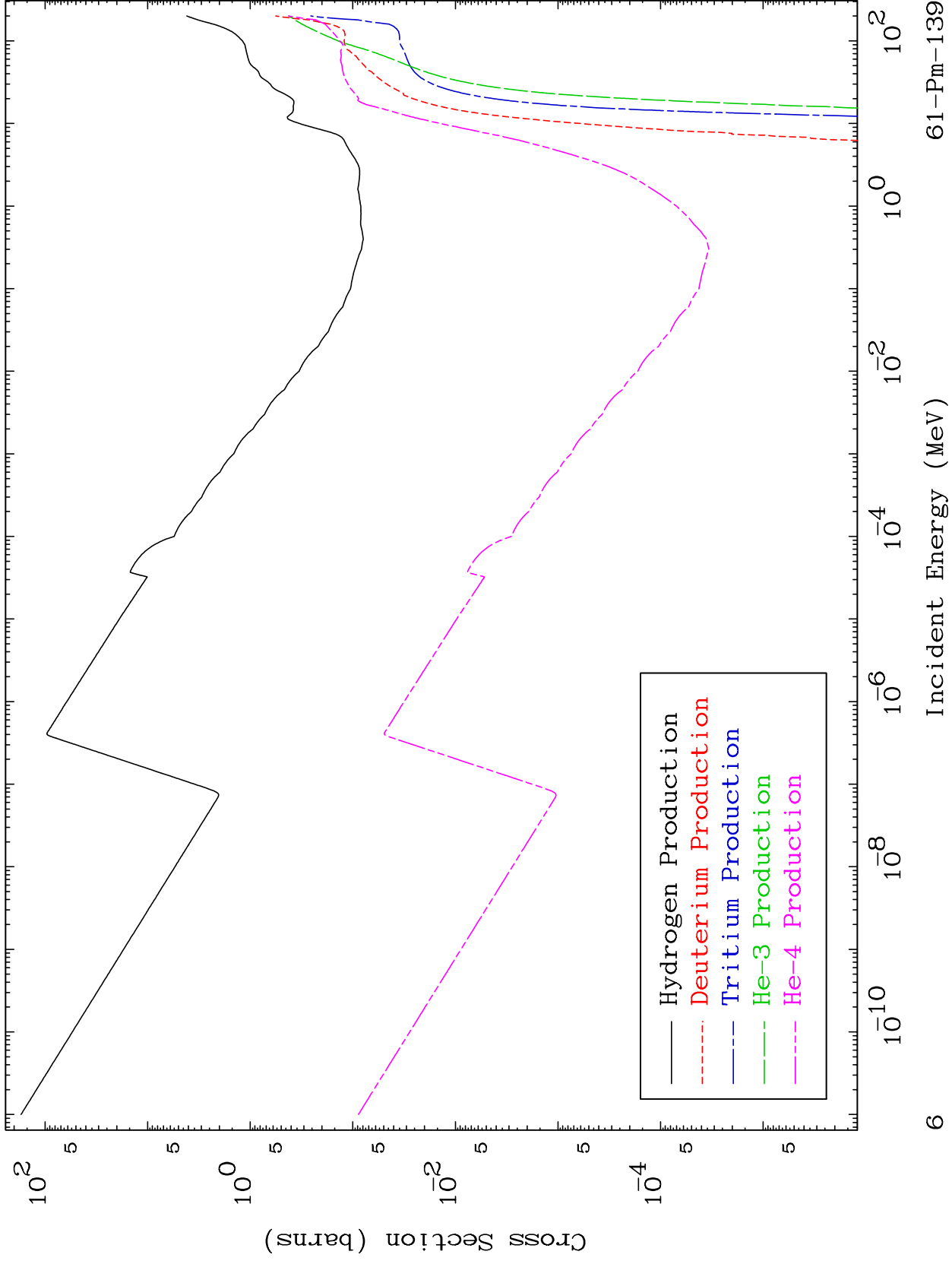










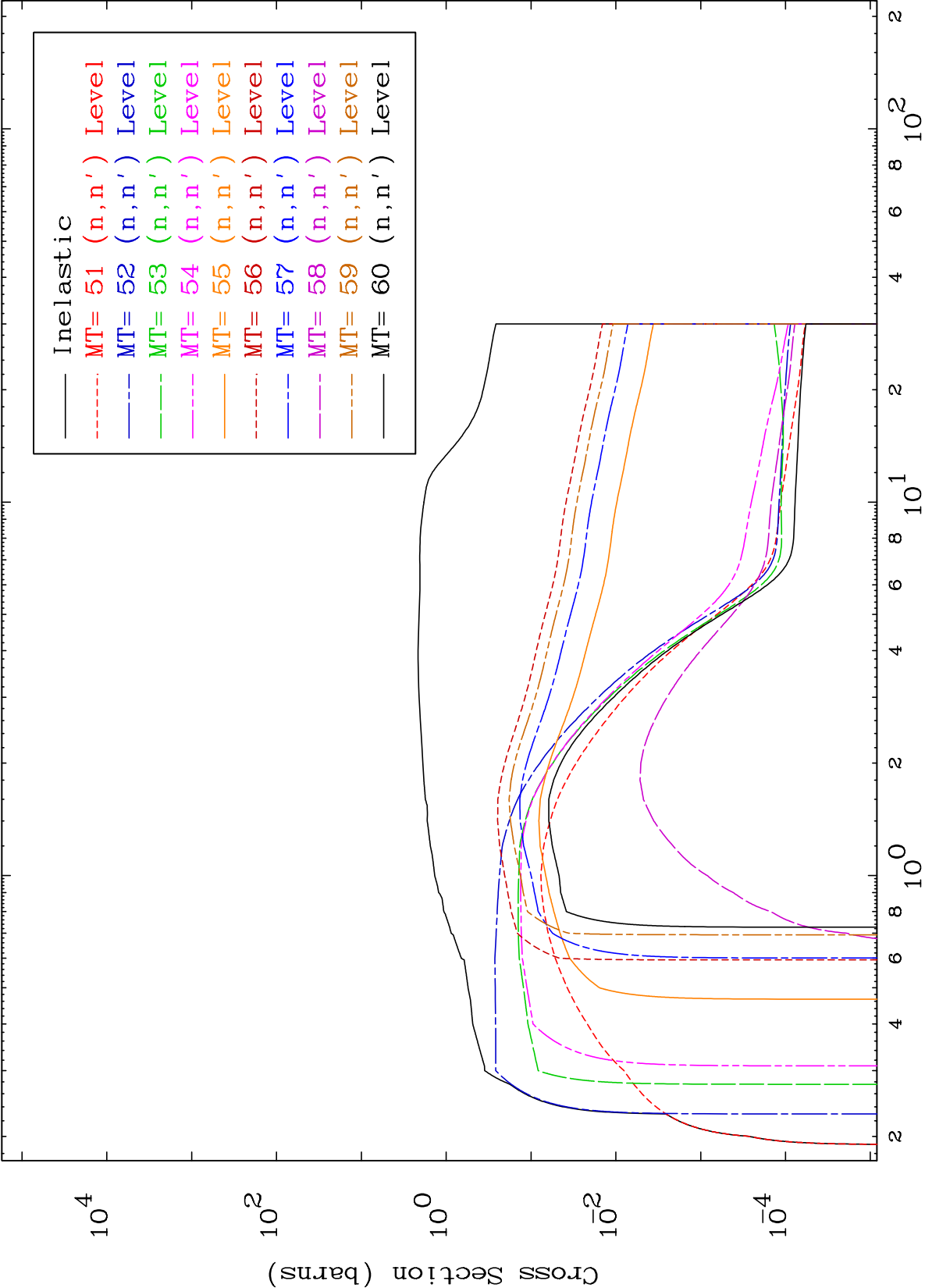


MAT 6125

(n,n') Level

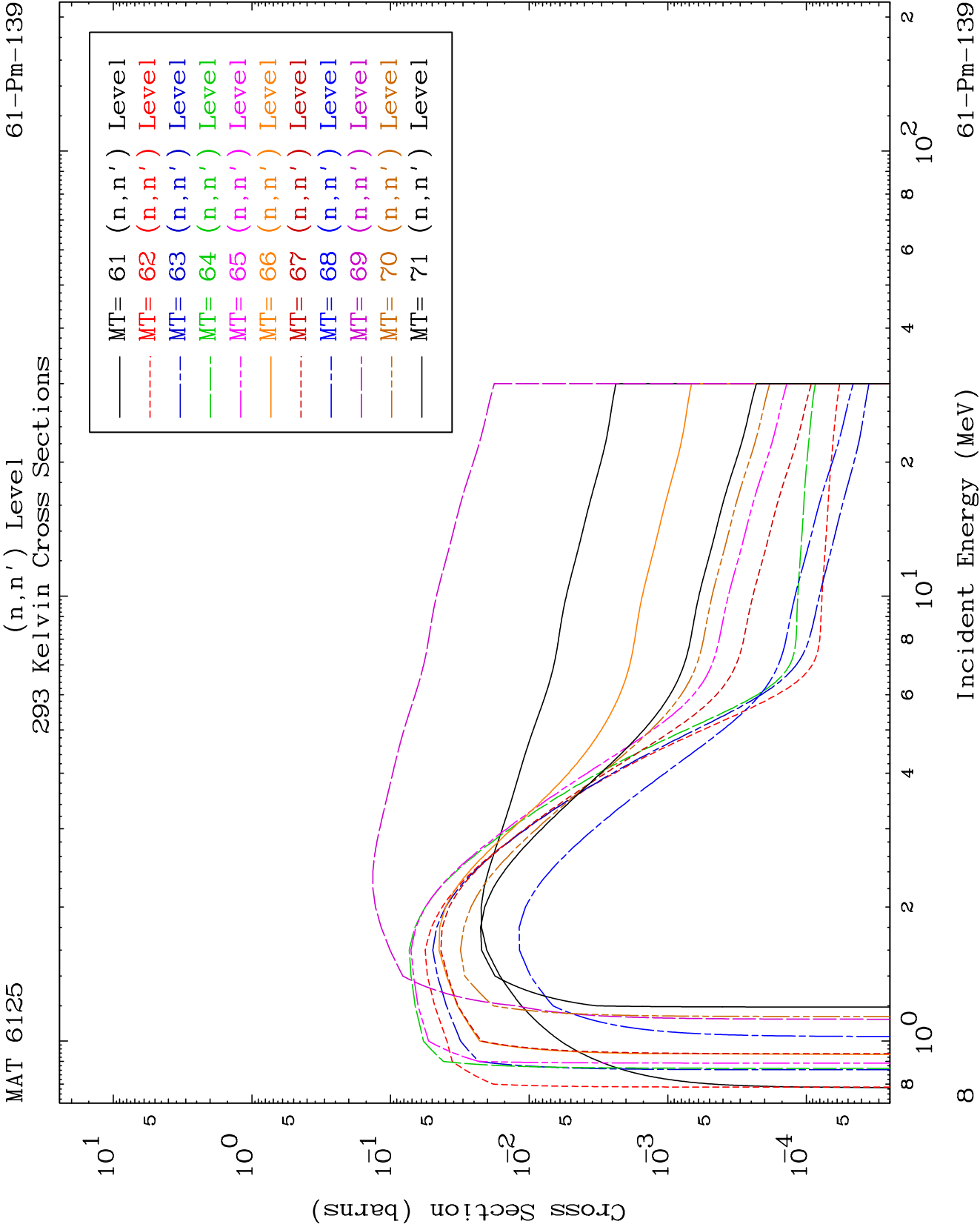
61-Pm-139

293 Kelvin Cross Sections

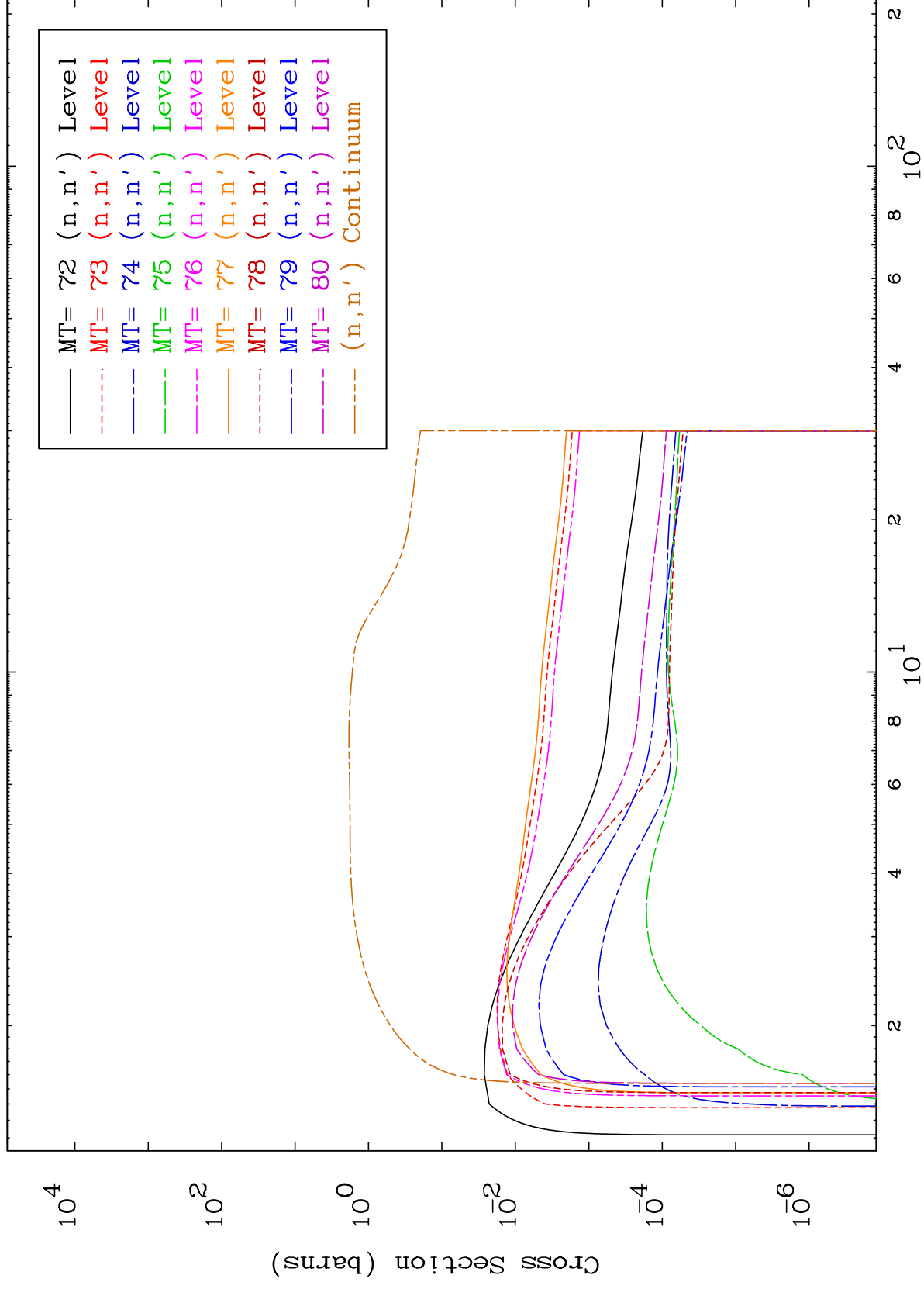


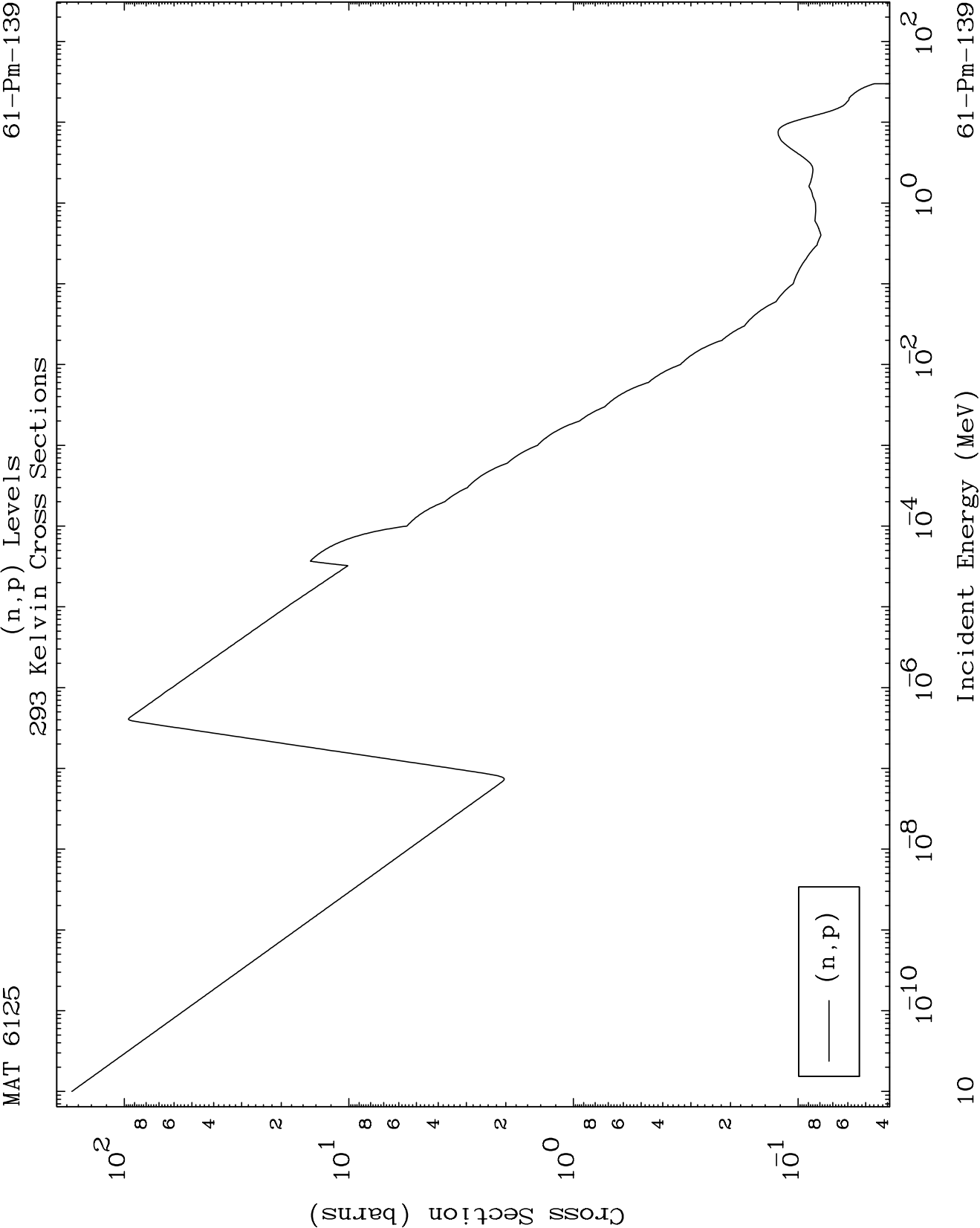
Incident Energy (MeV)

61-Pm-139



293 Kelvin Cross Sections

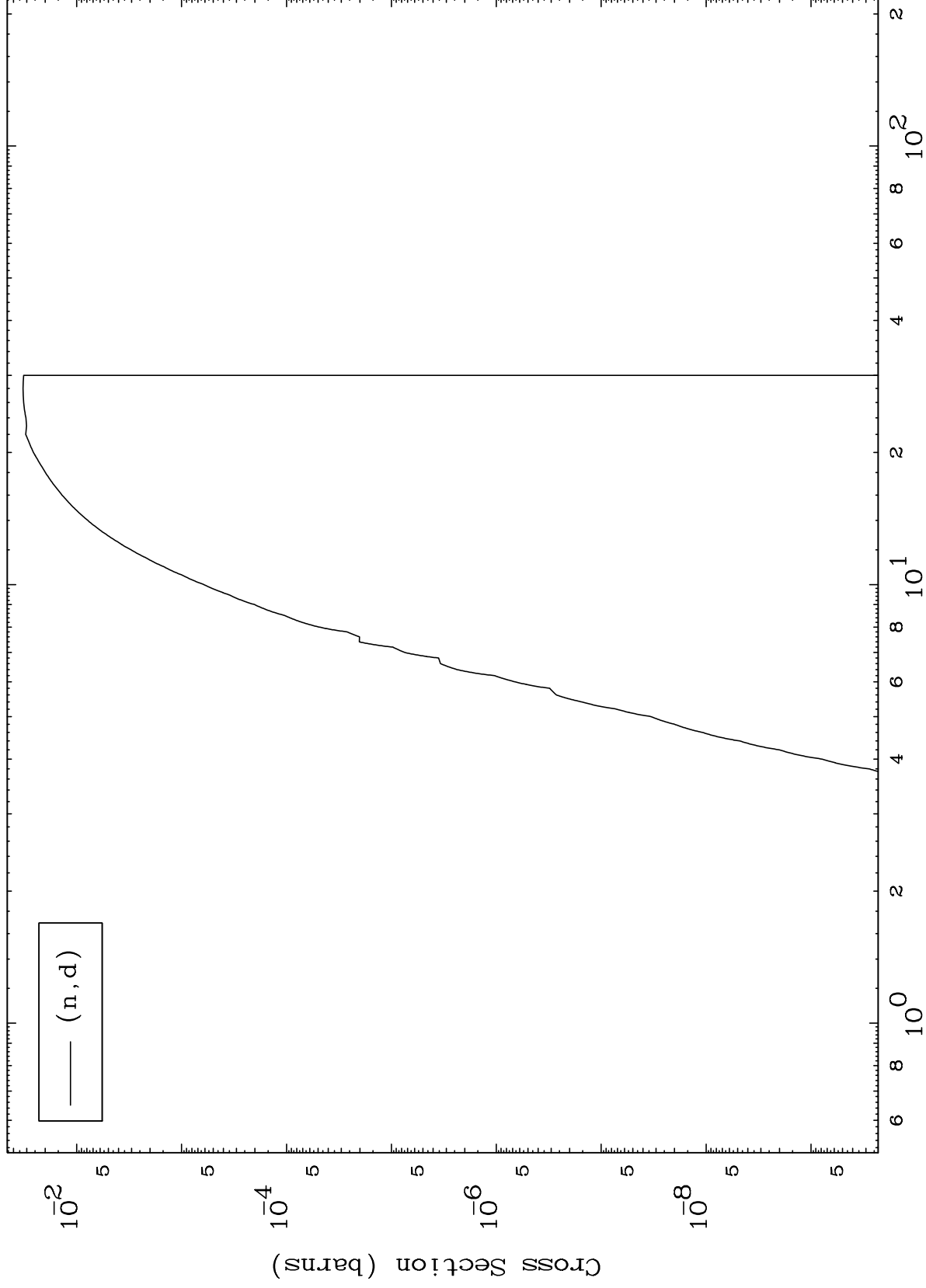




MAT 6125

61-Pm-139

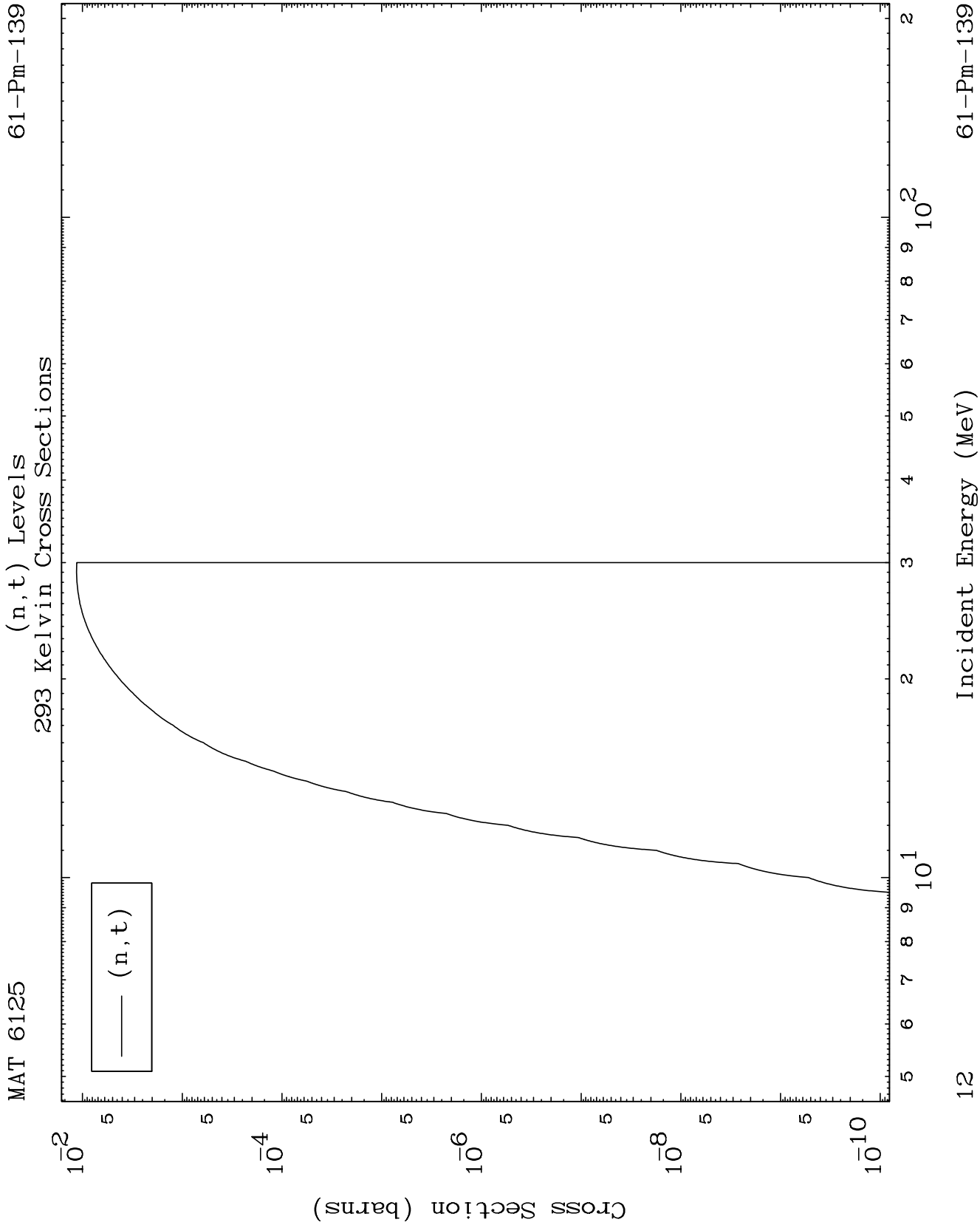
(n,d) Levels
293 Kelvin Cross Sections

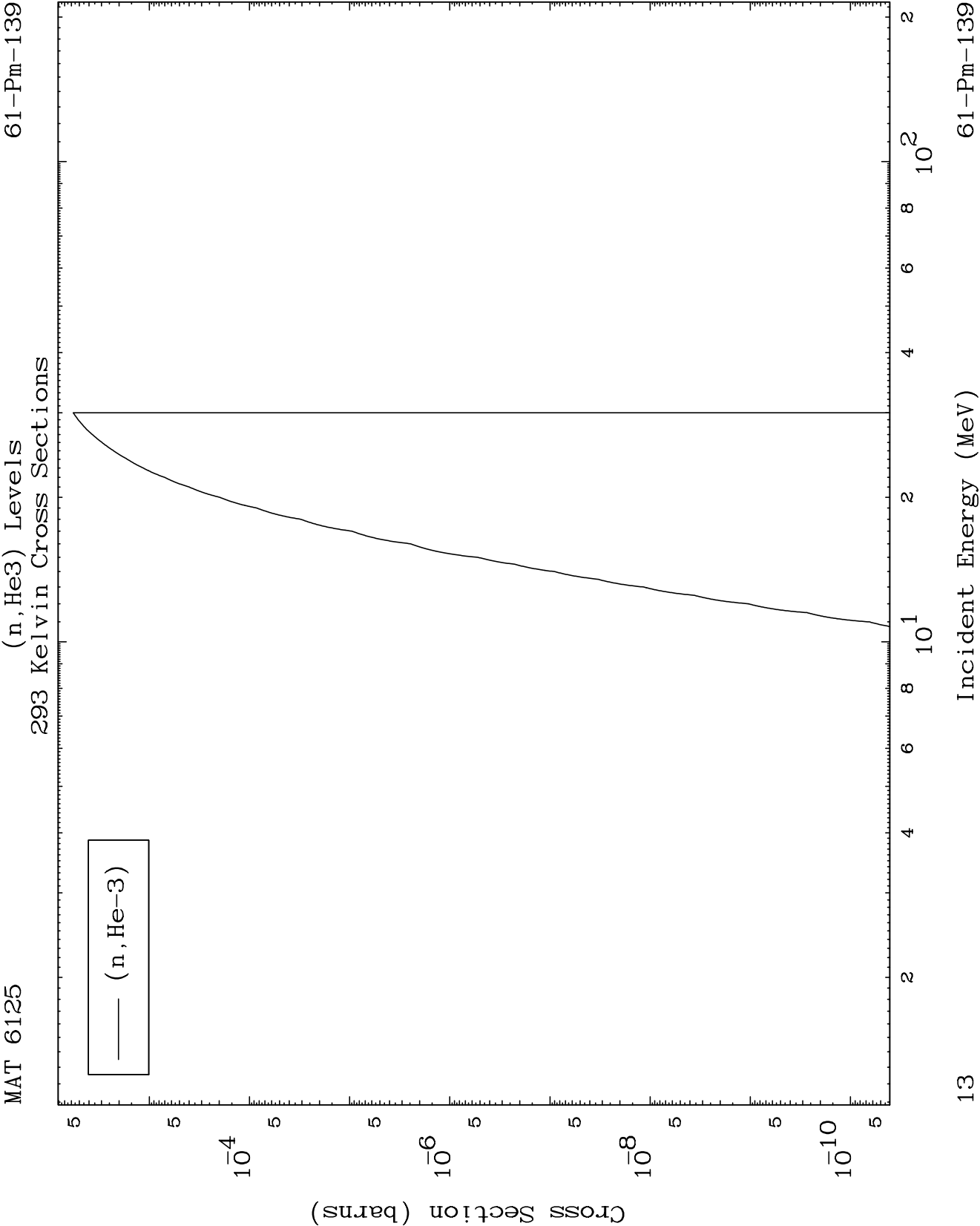


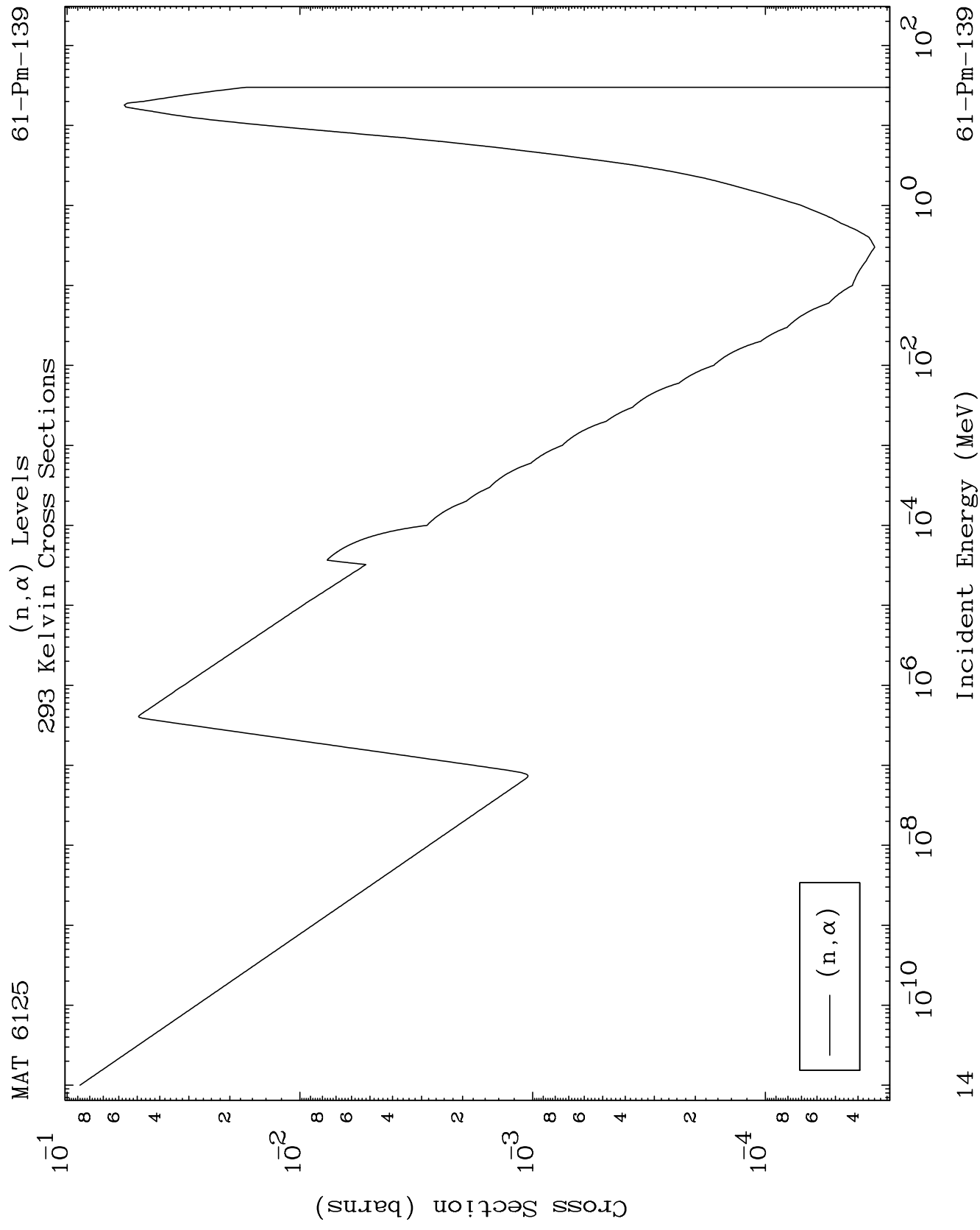
11

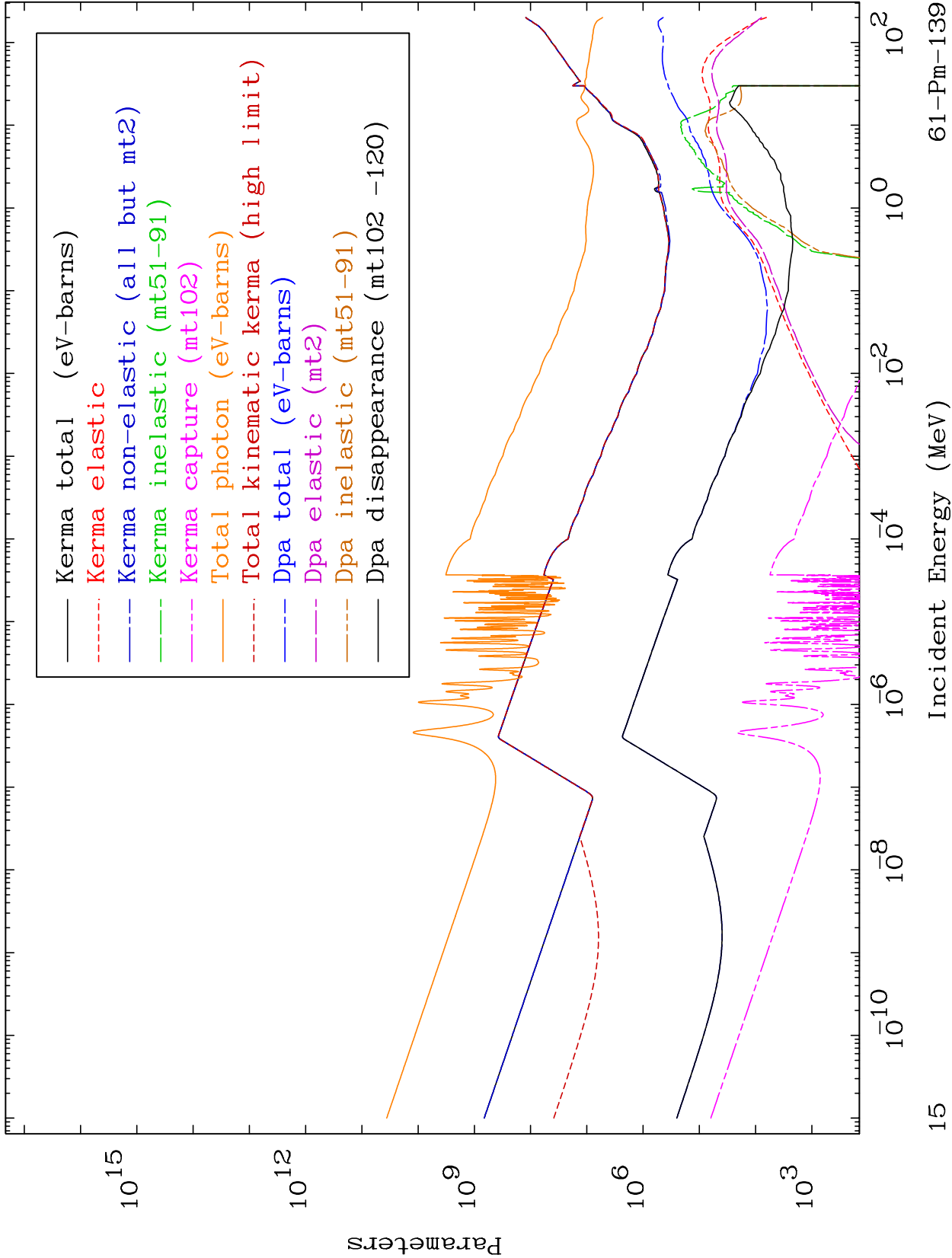
Incident Energy (MeV)

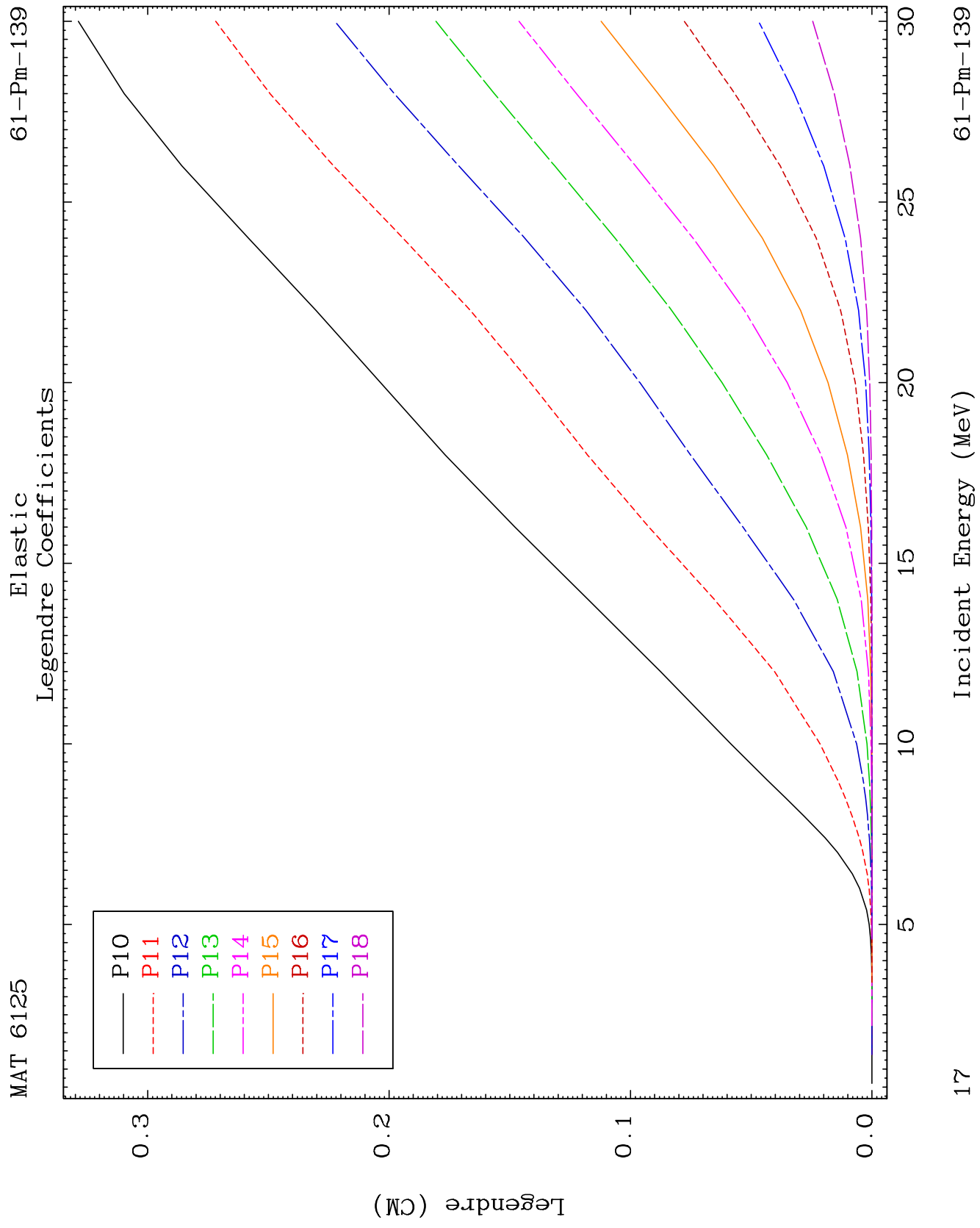
61-Pm-139

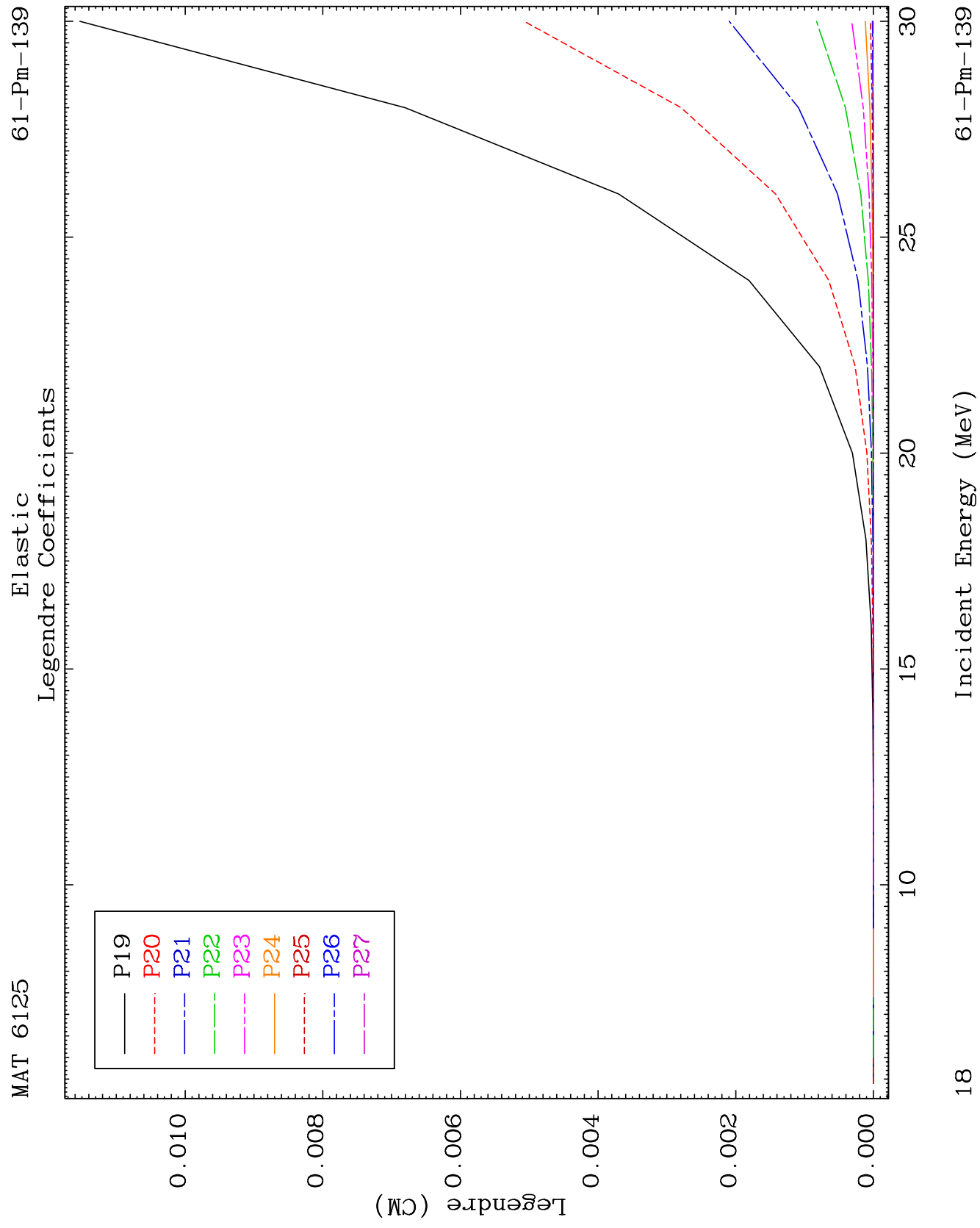


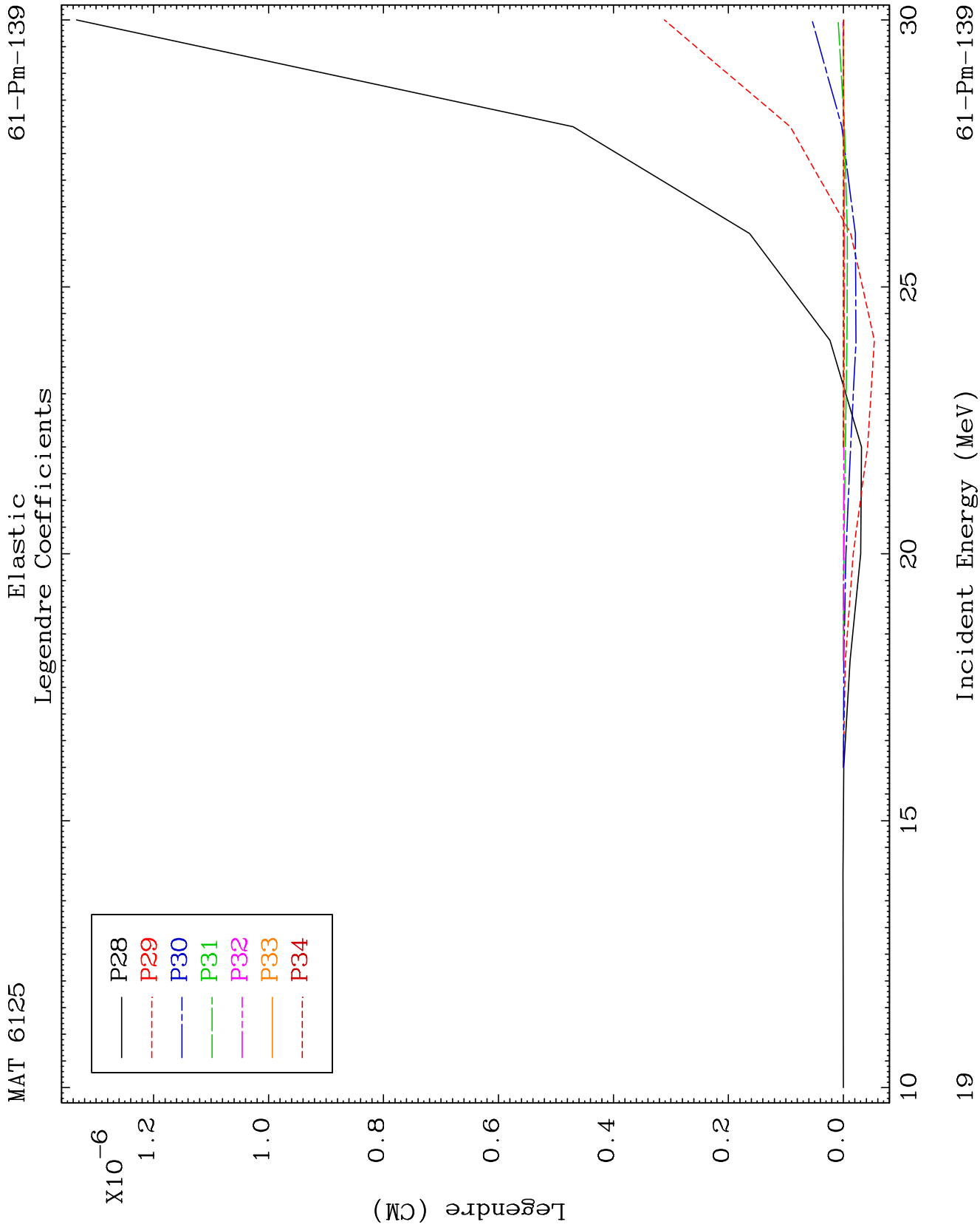


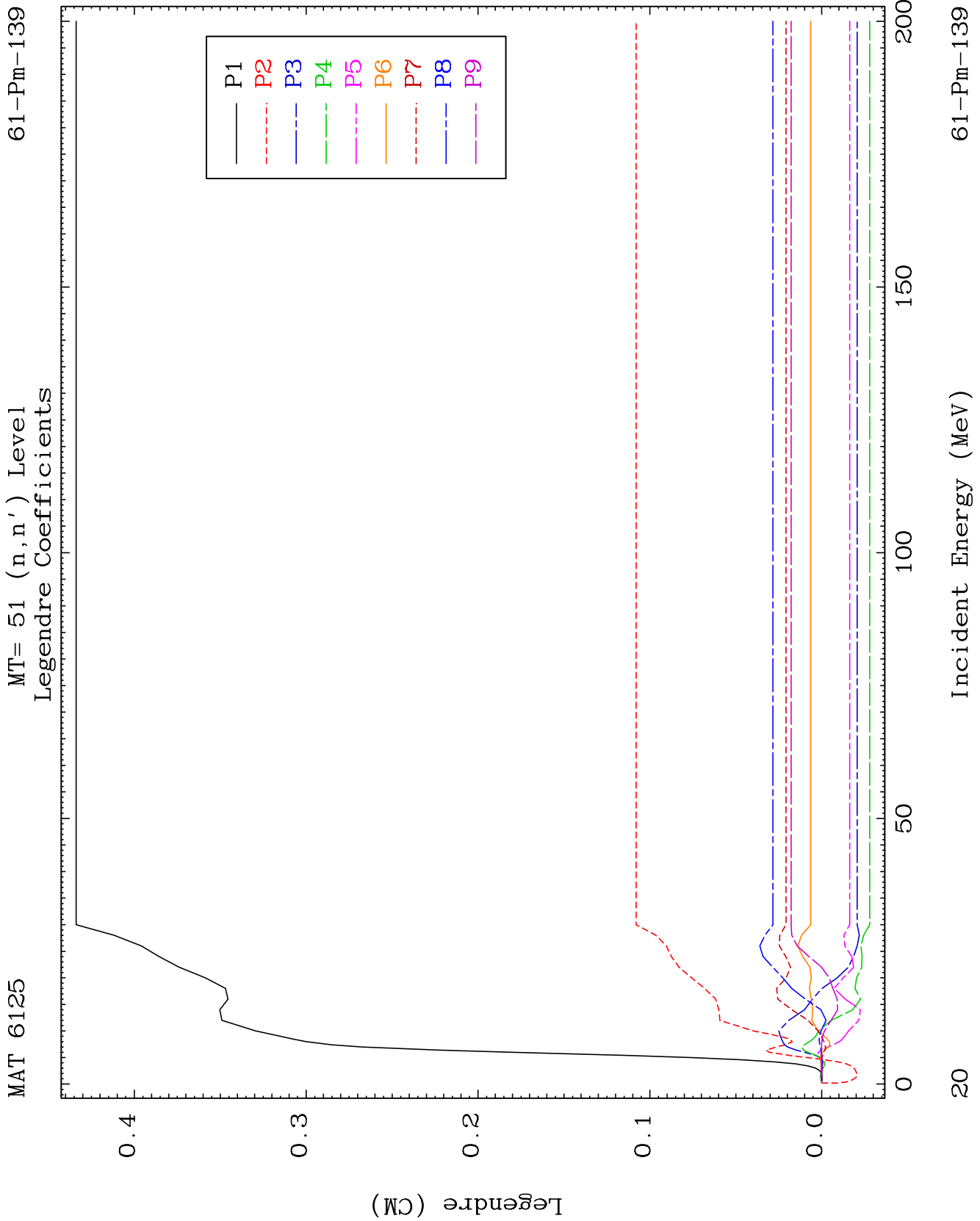


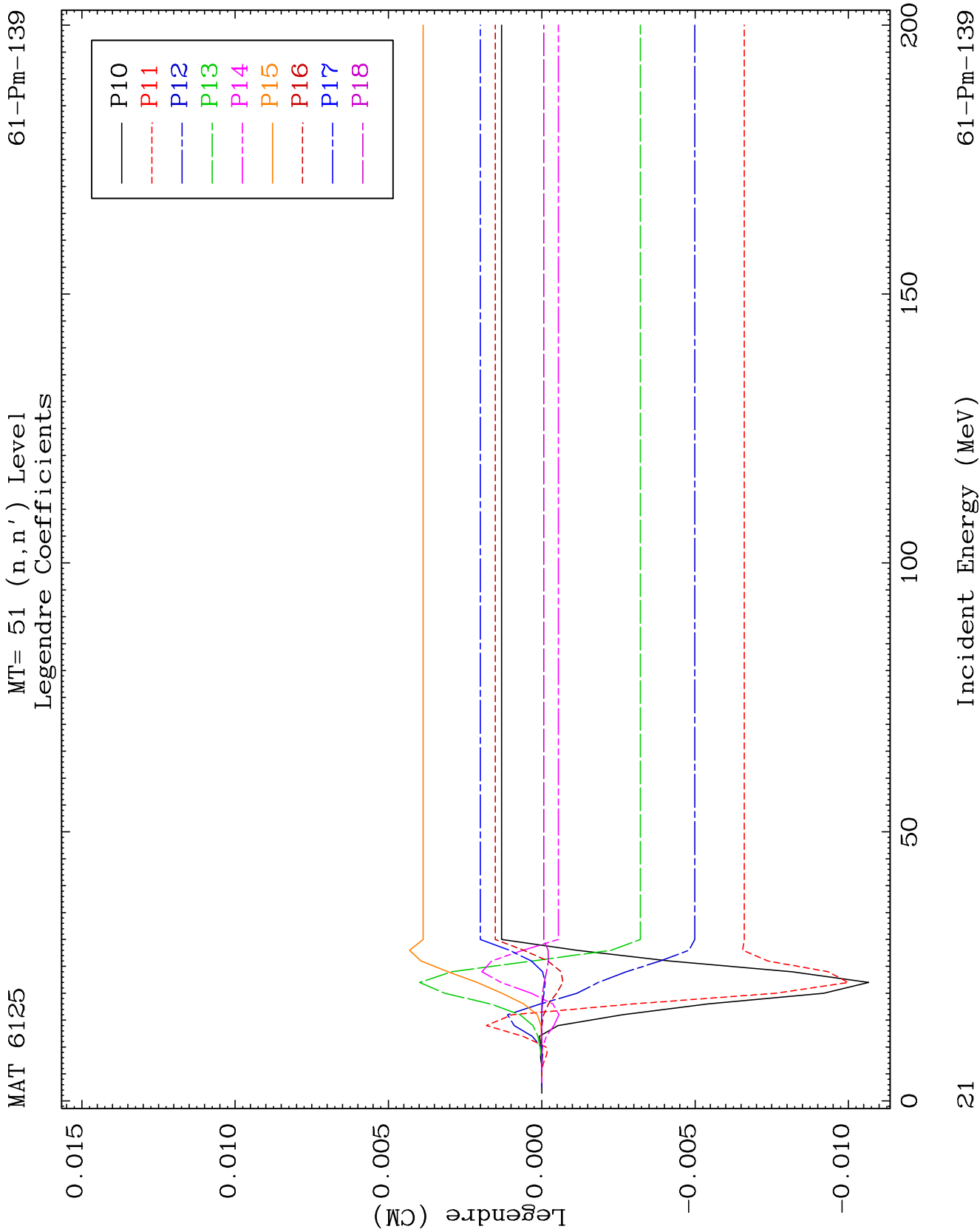


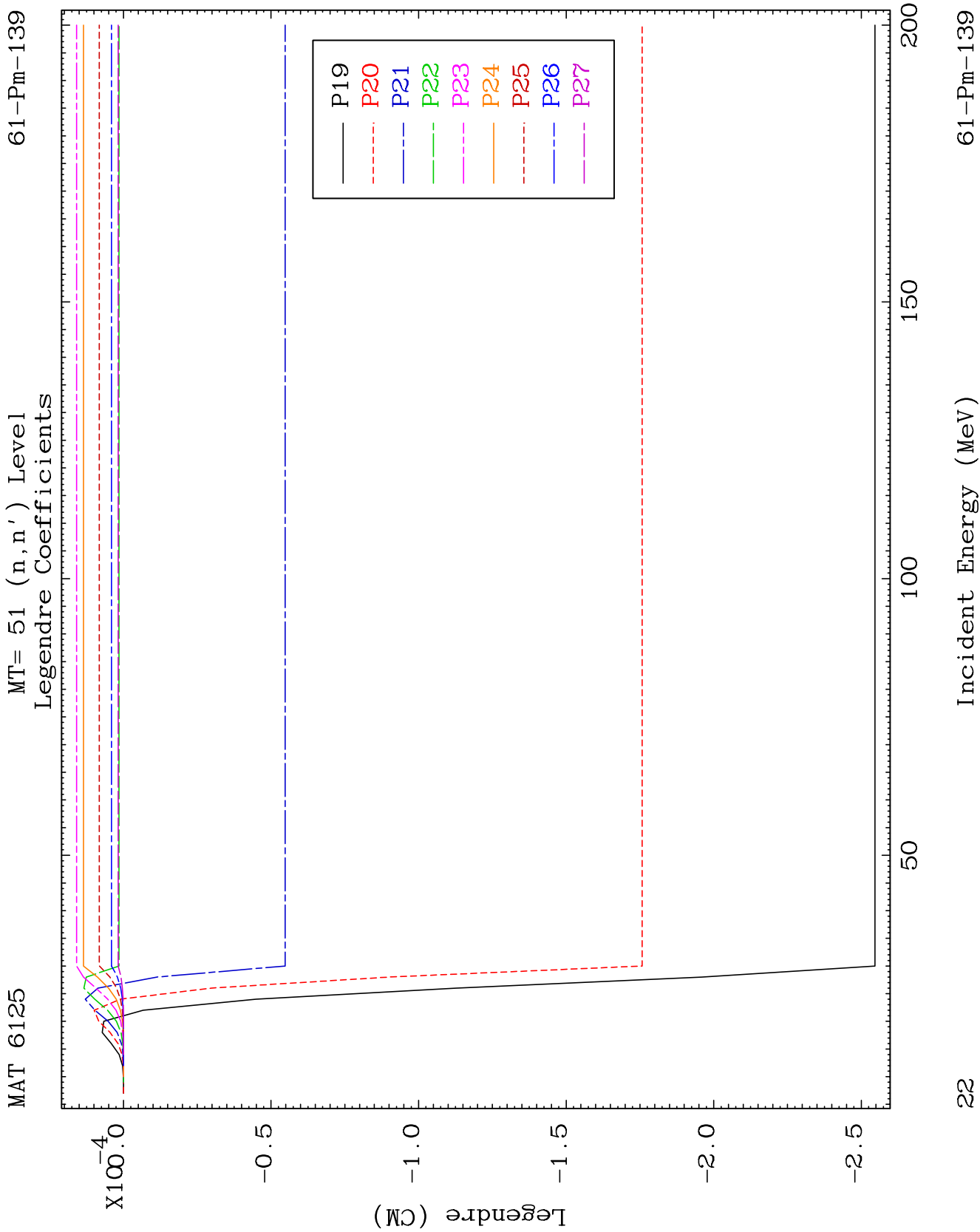


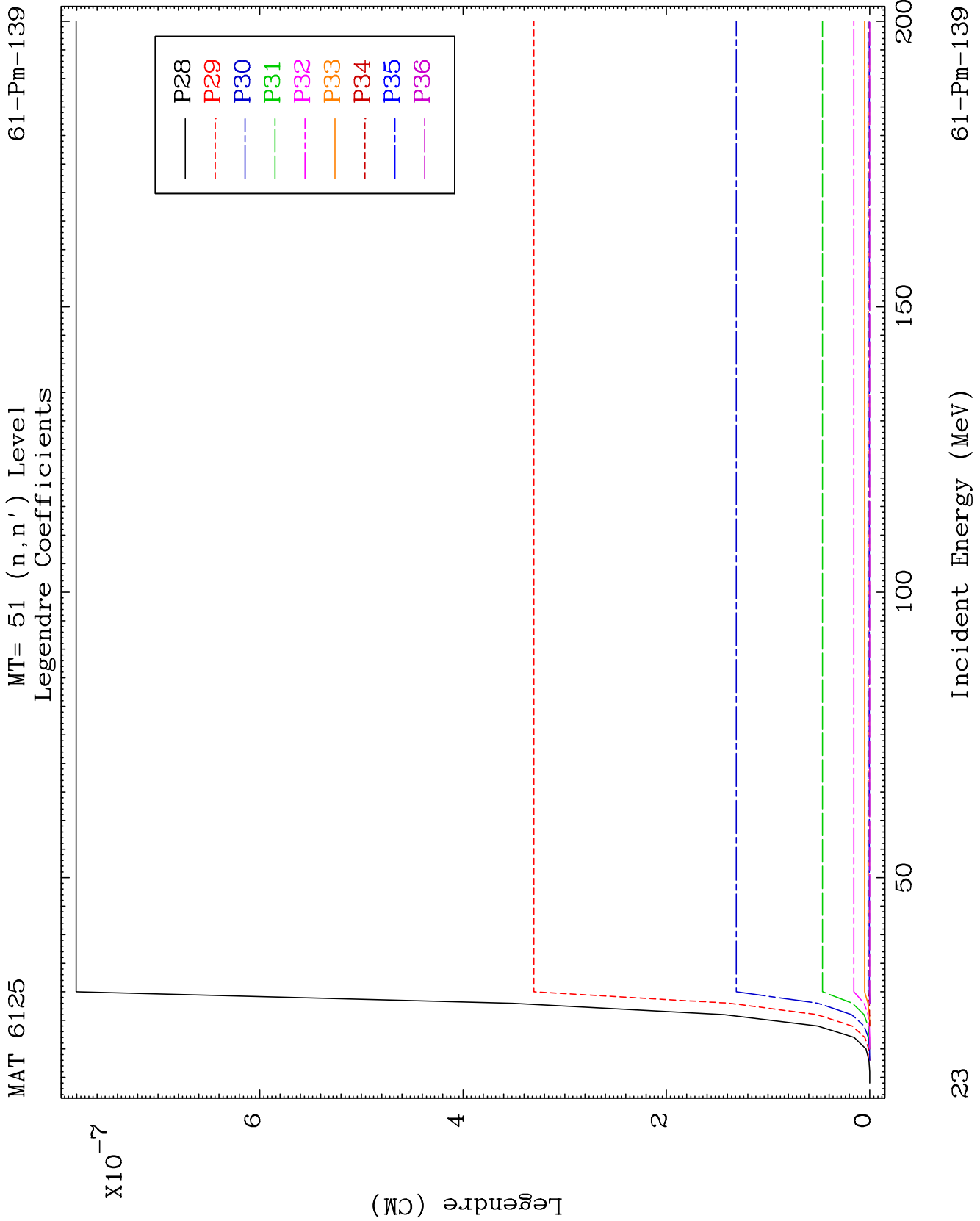


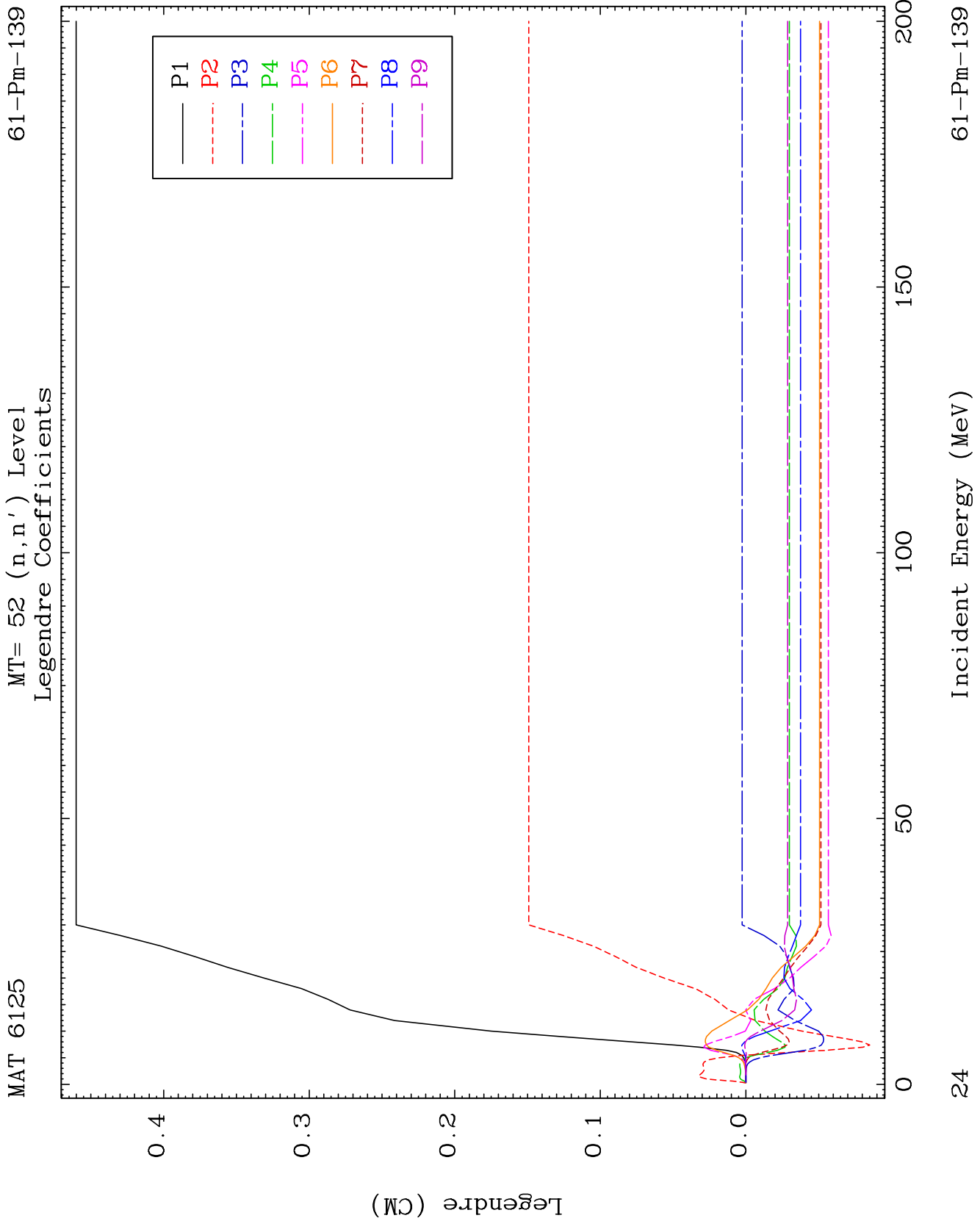








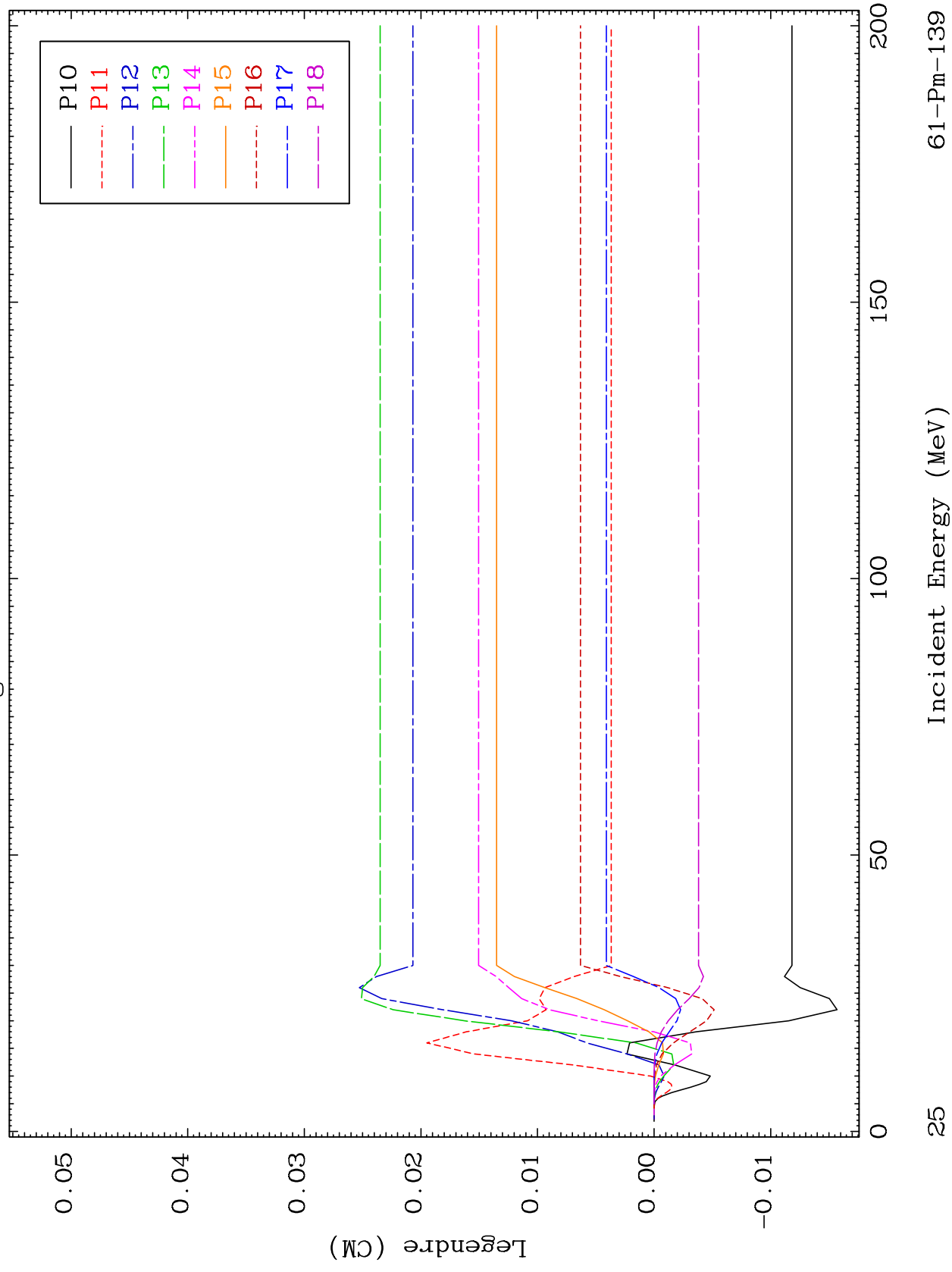


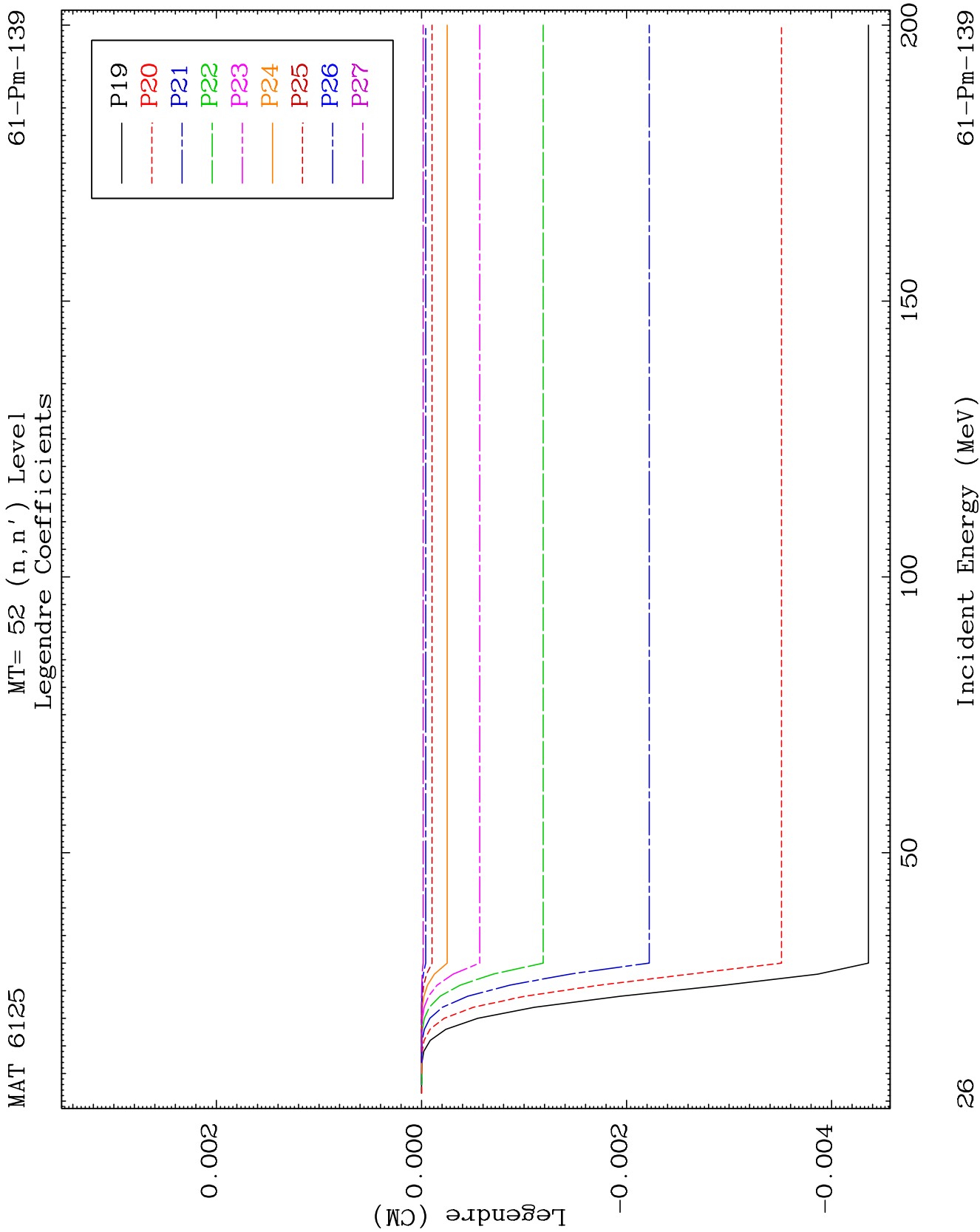


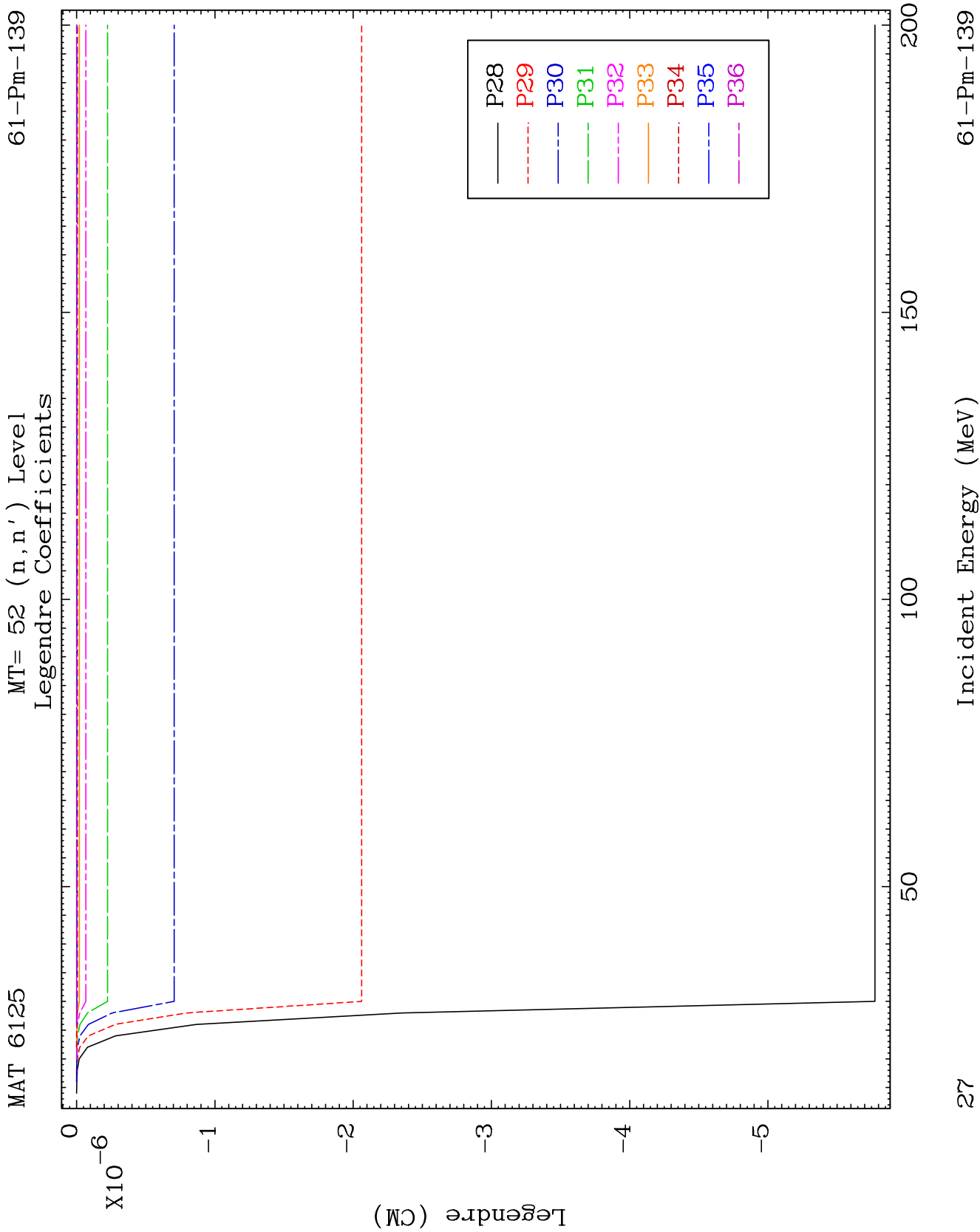
MAT 6125

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

61-Pm-139



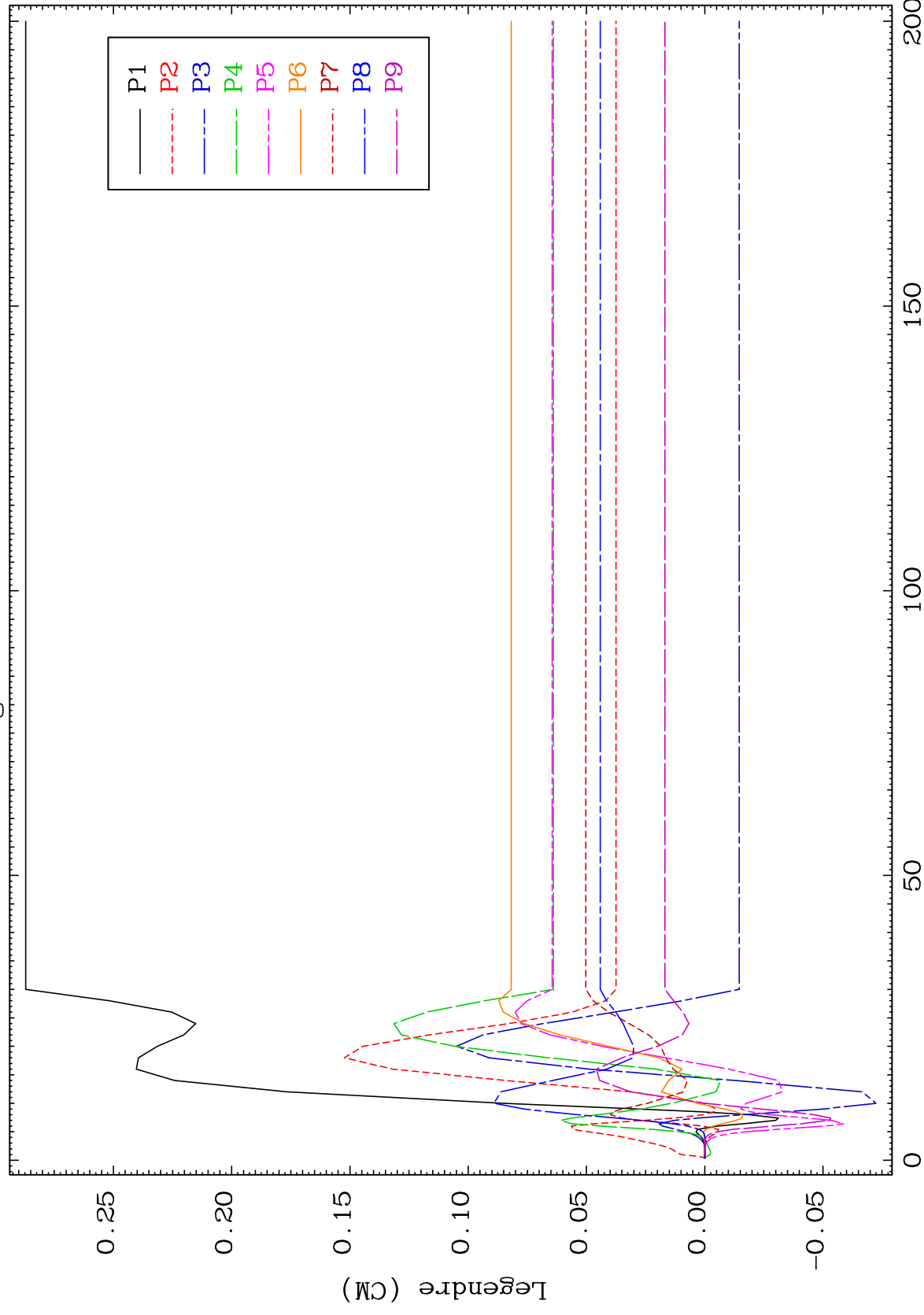




MAT 6125

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

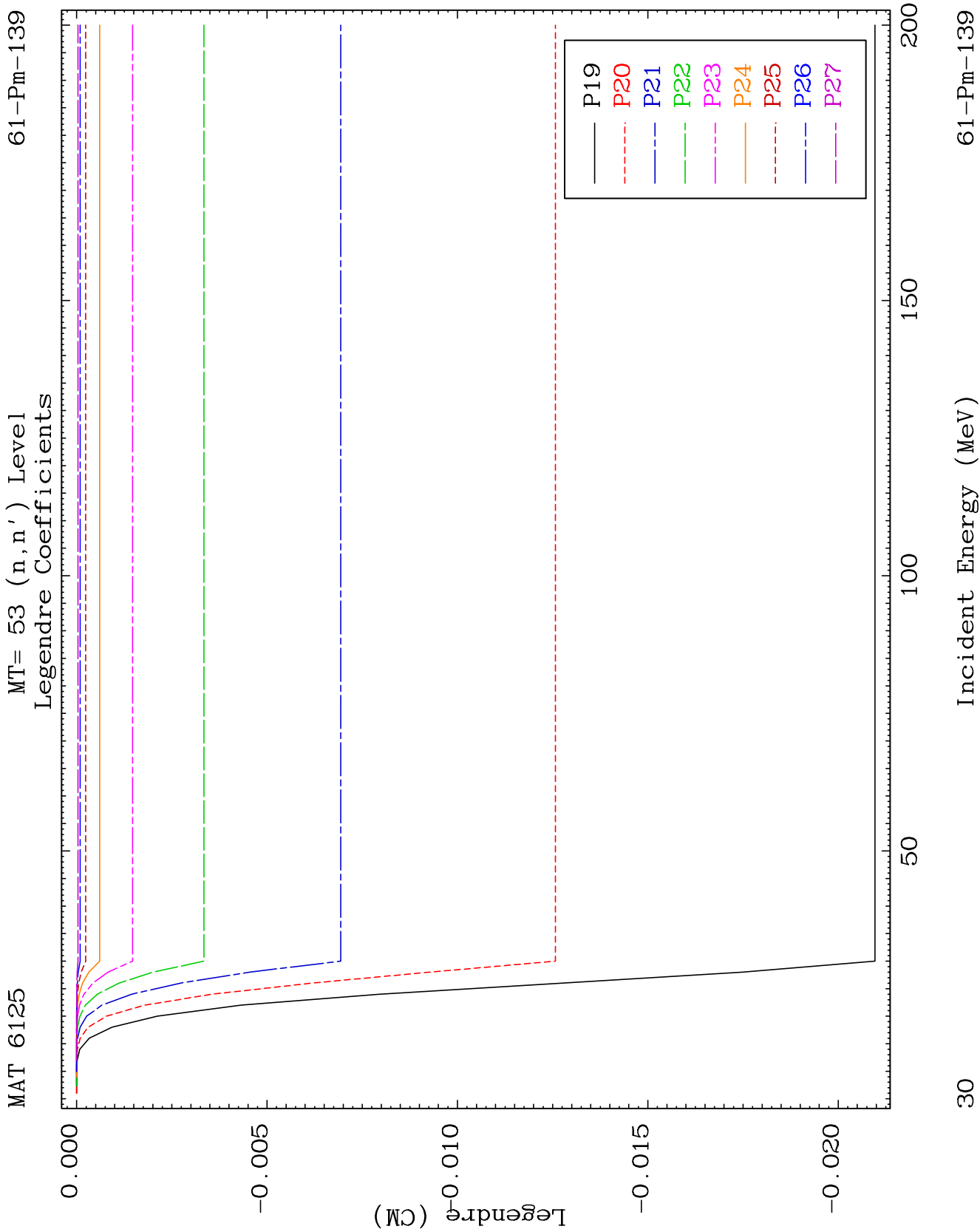
61-Pm-139

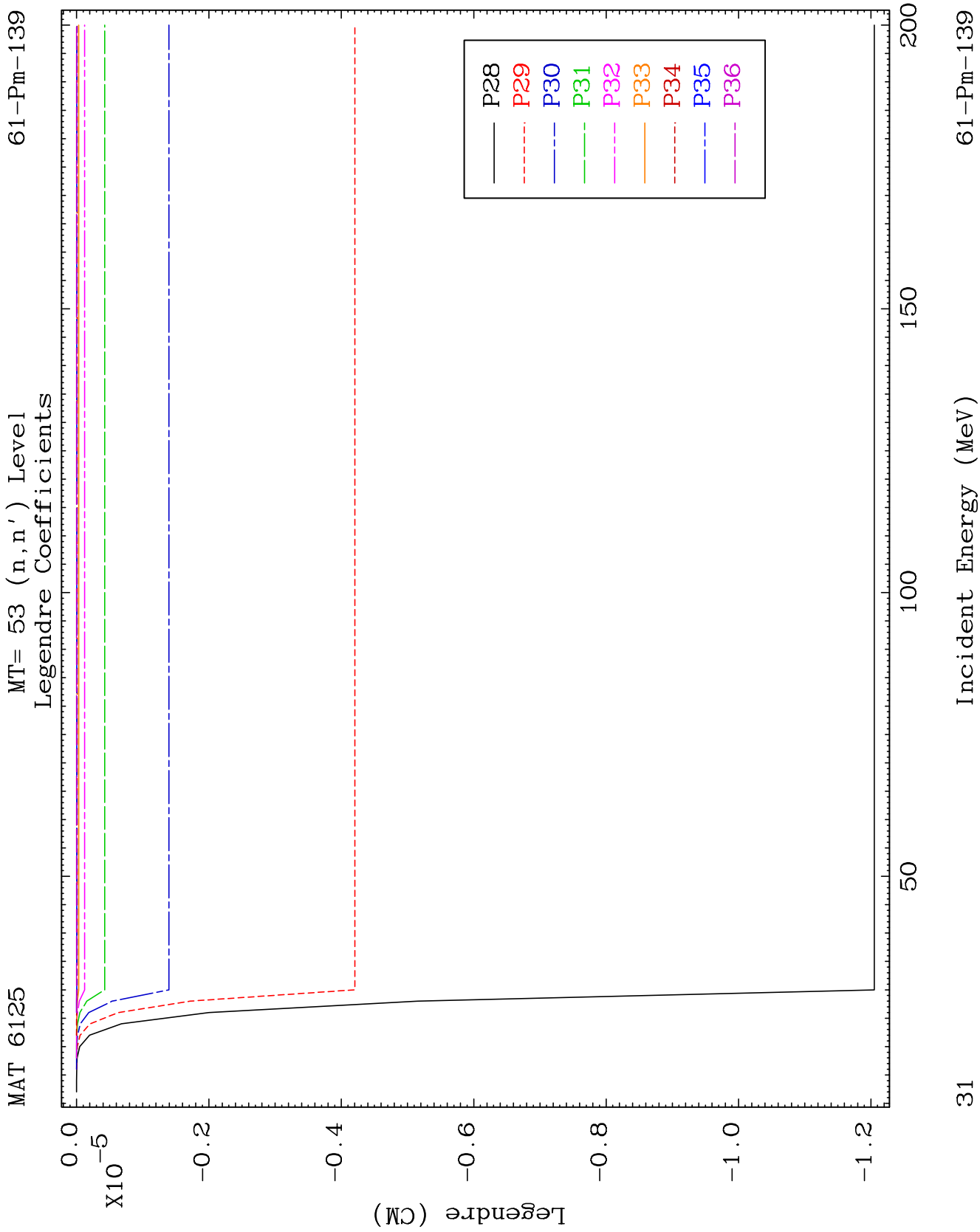


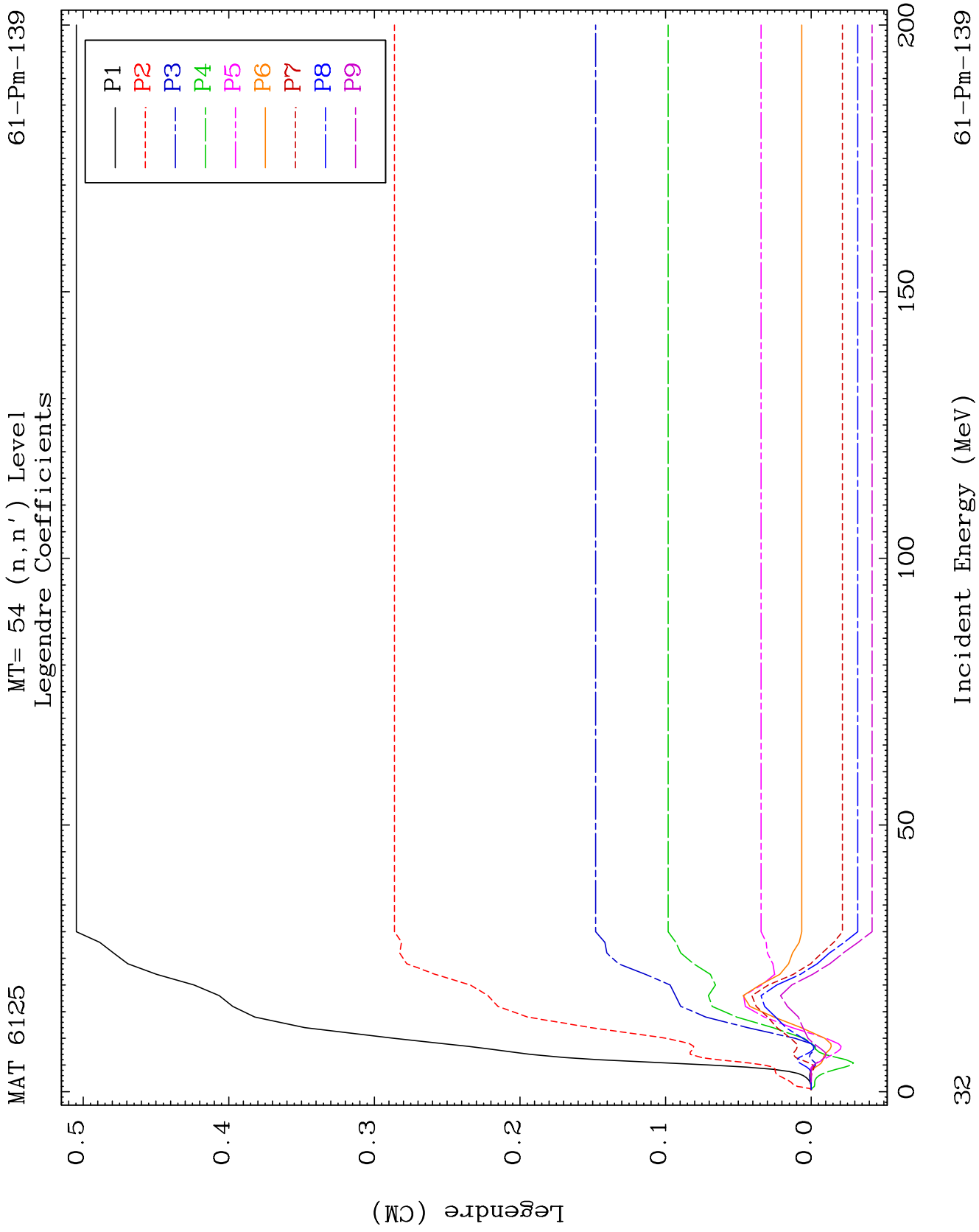
28

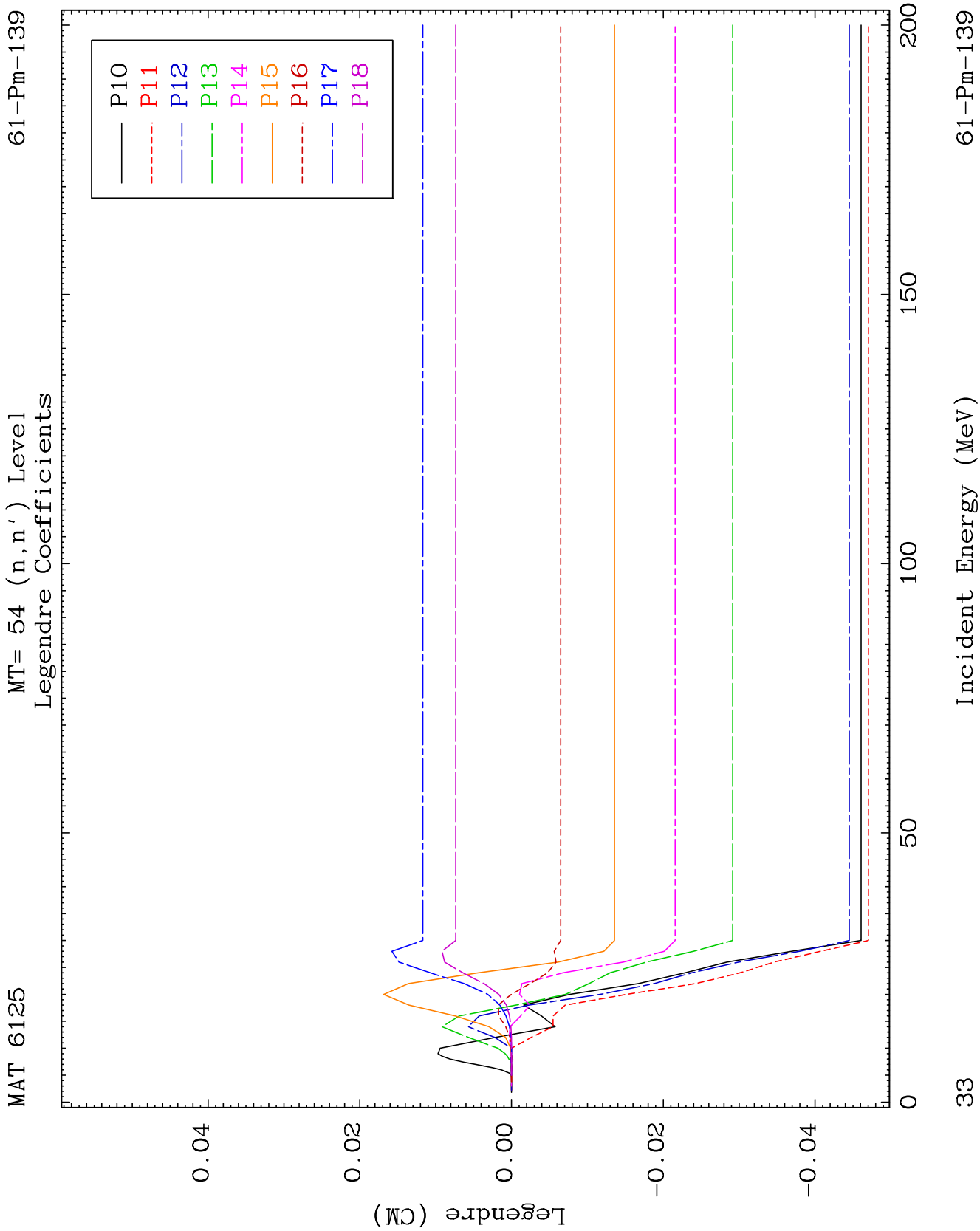
Incident Energy (MeV)

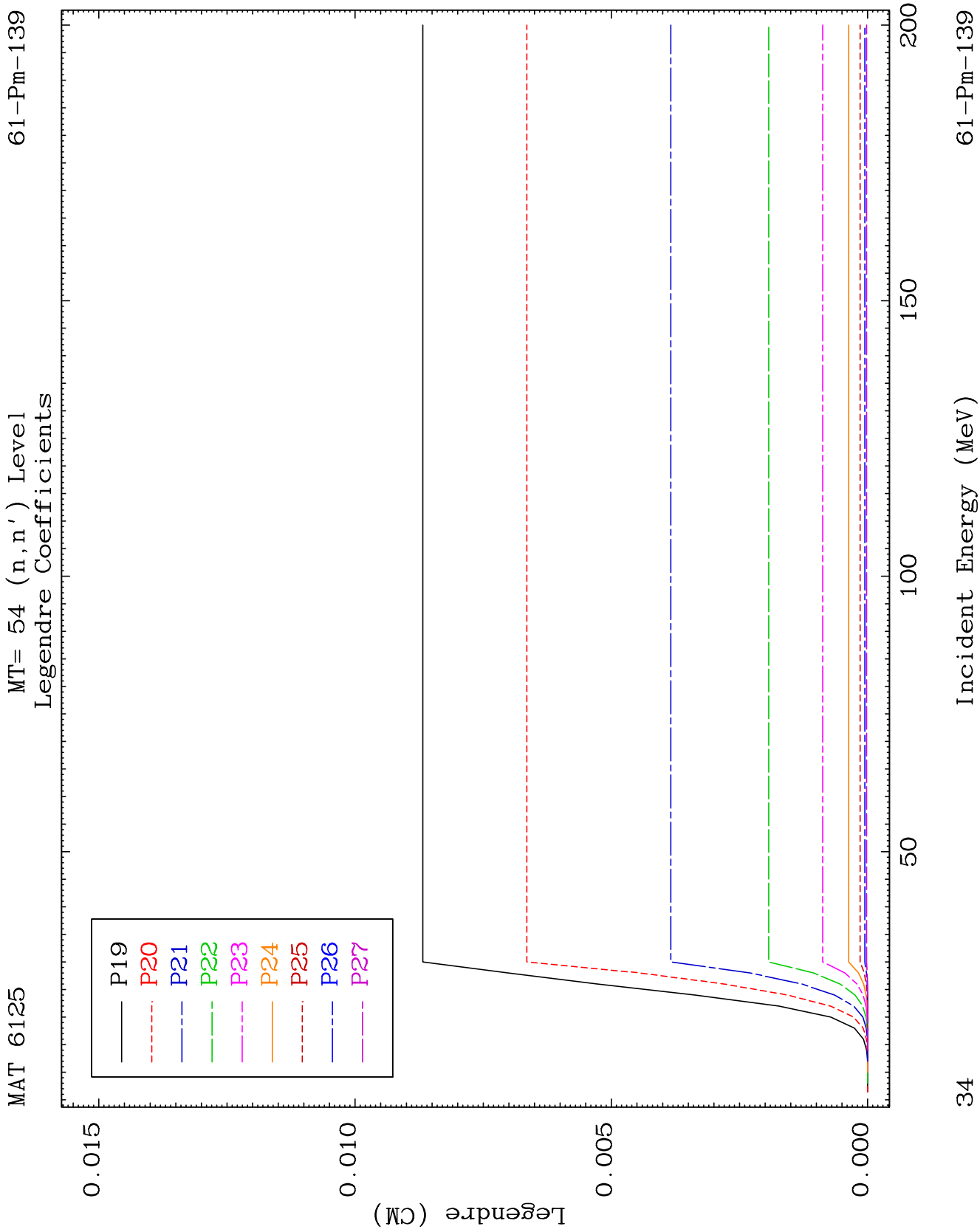
61-Pm-139

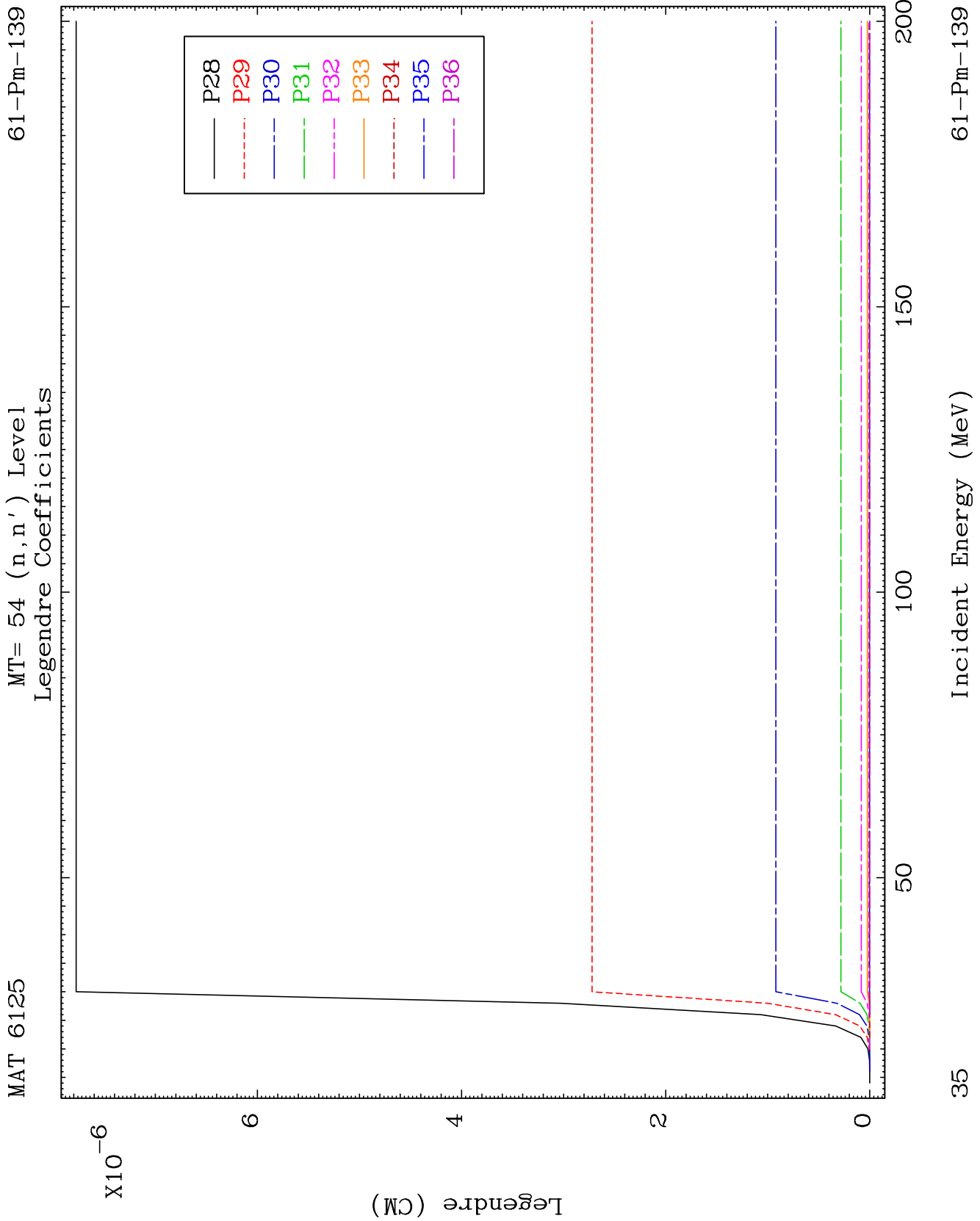


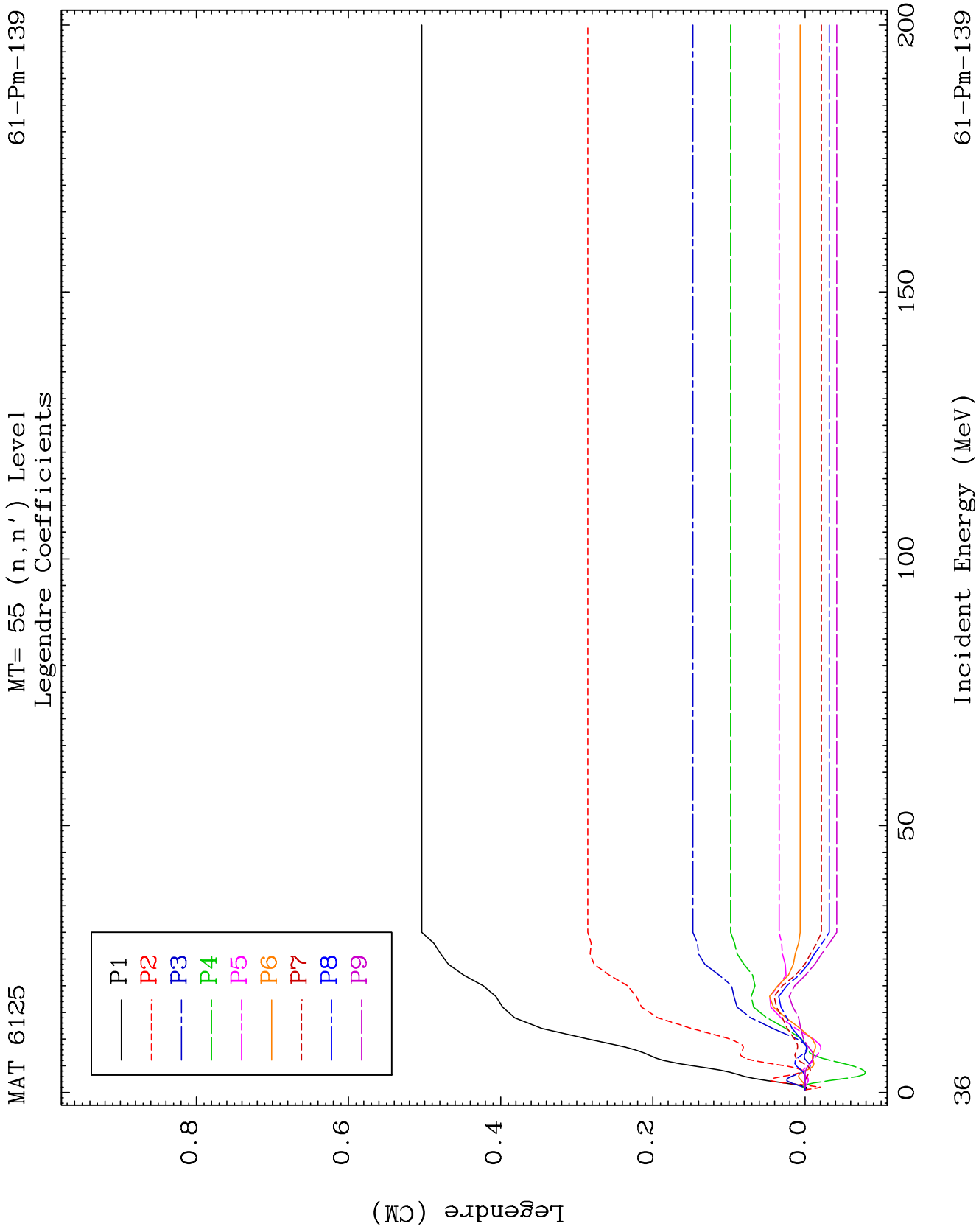








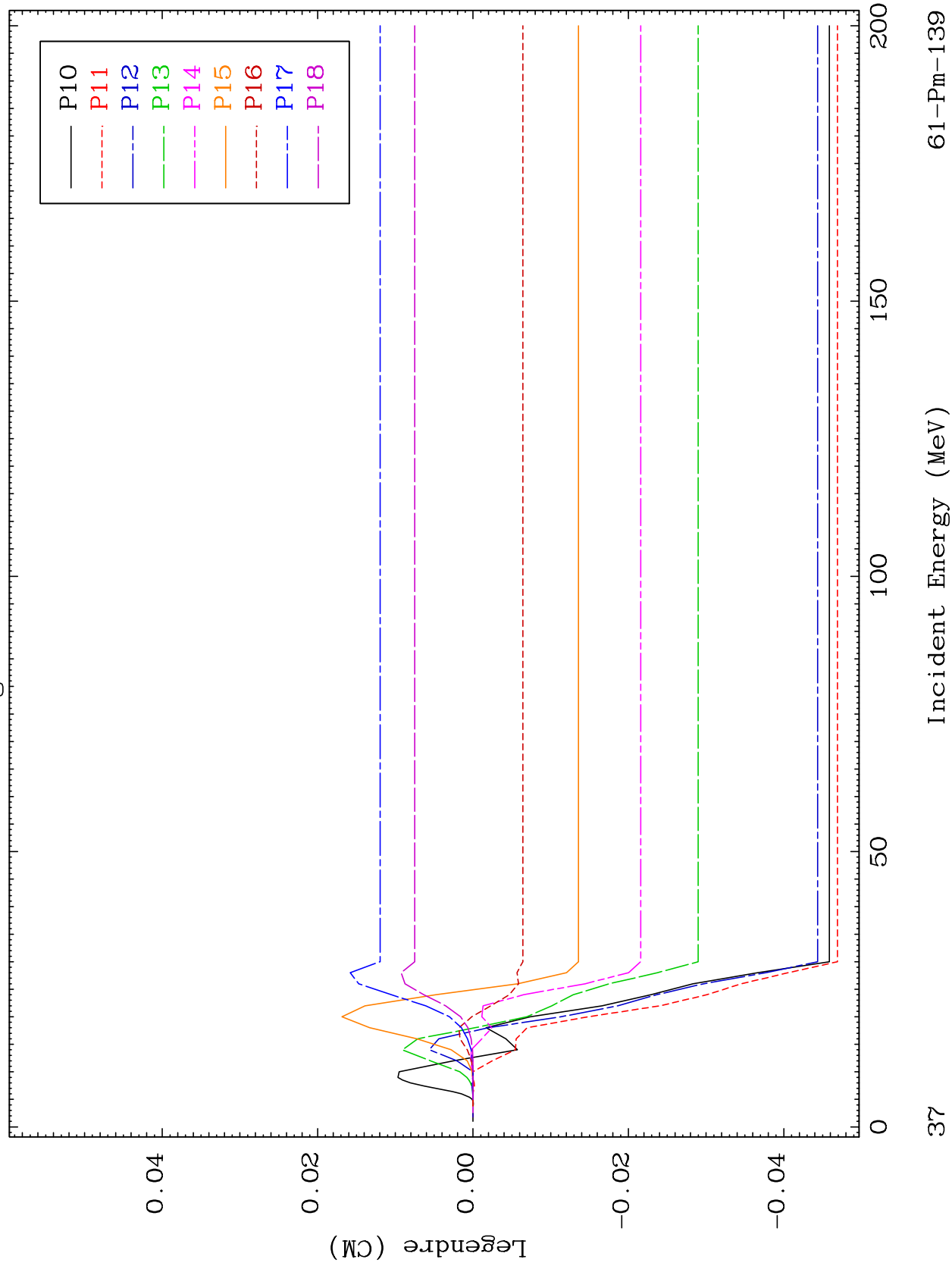


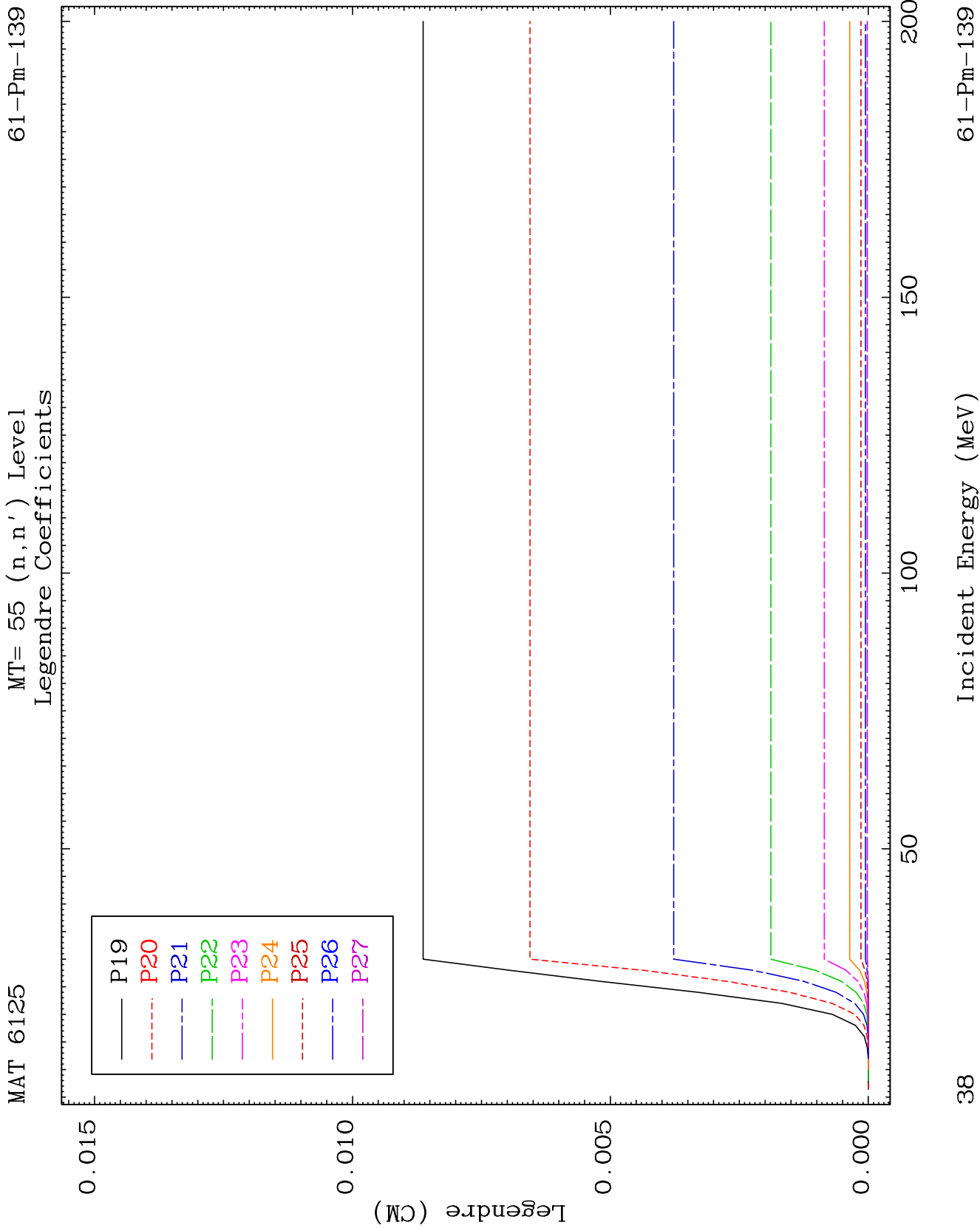


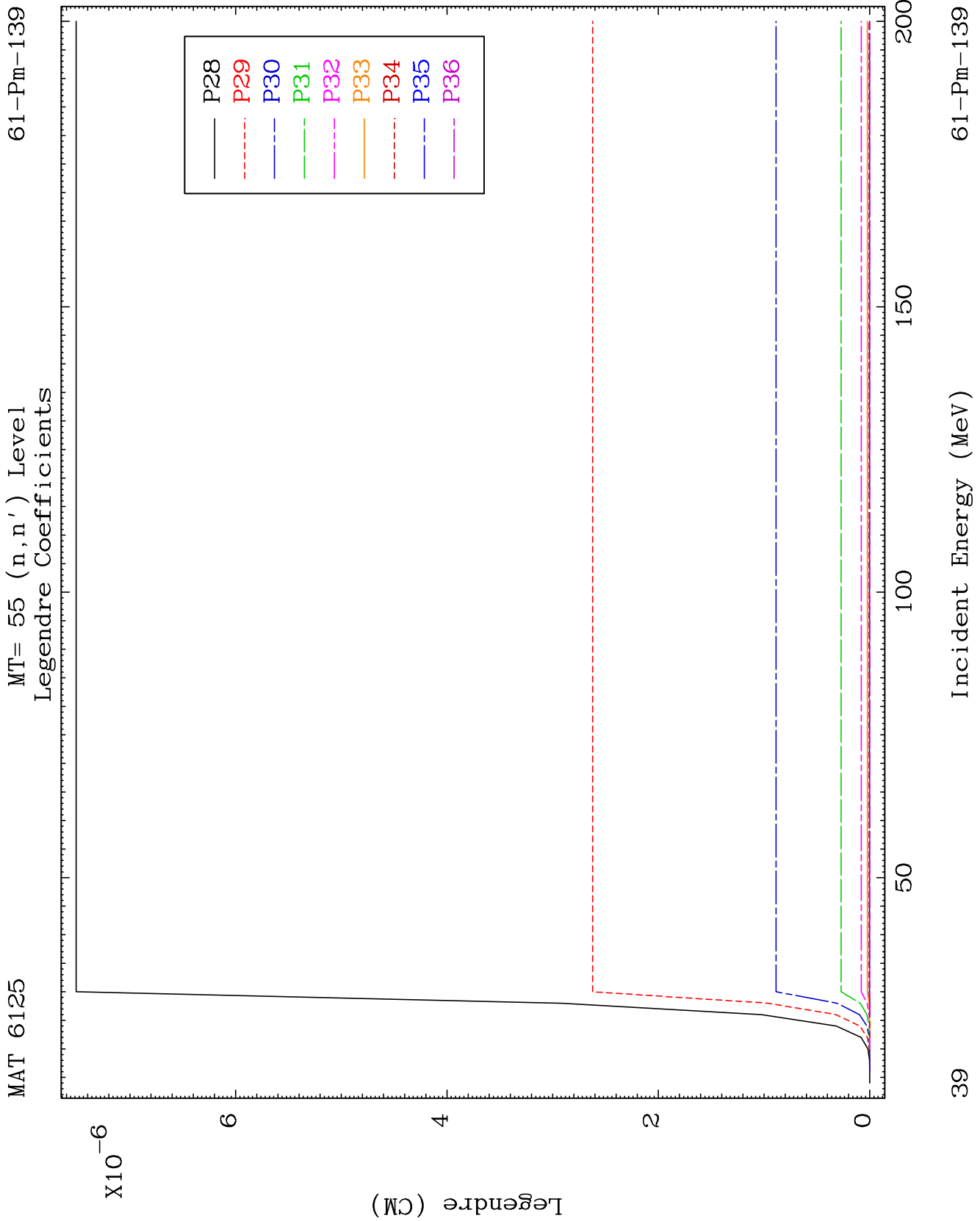
MAT 6125

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

61-Pm-139



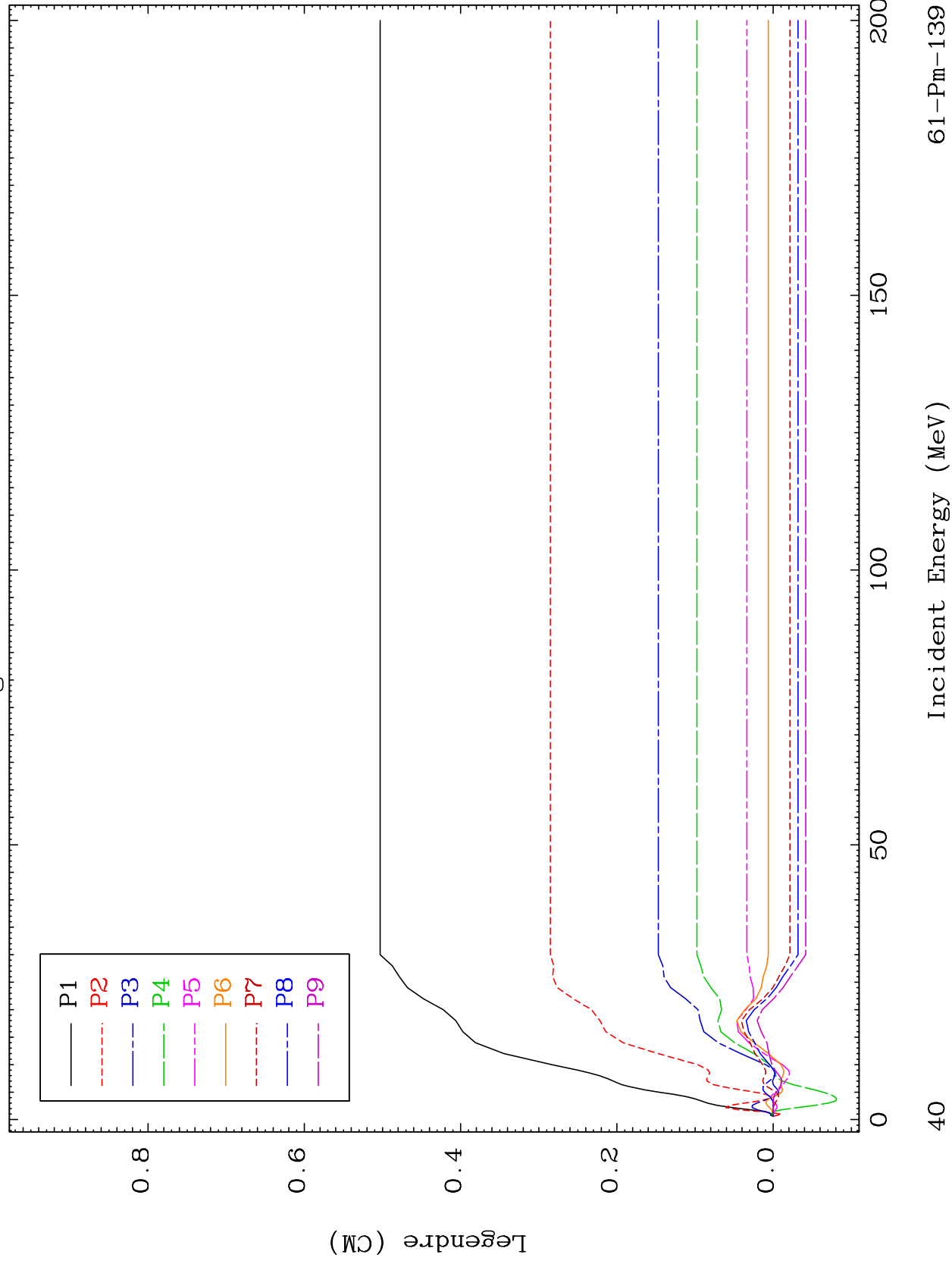




MAT 6125

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

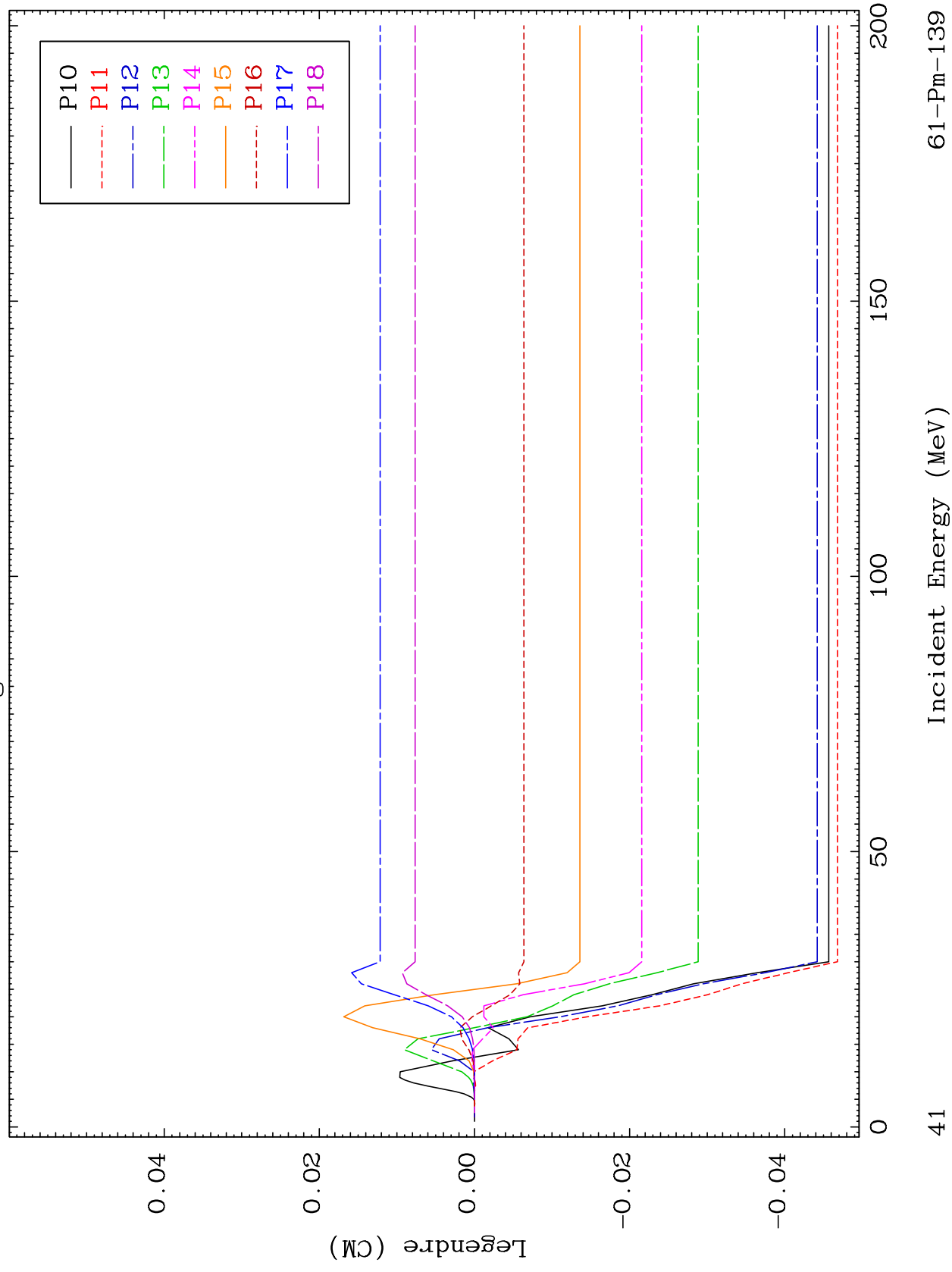
61-Pm-139

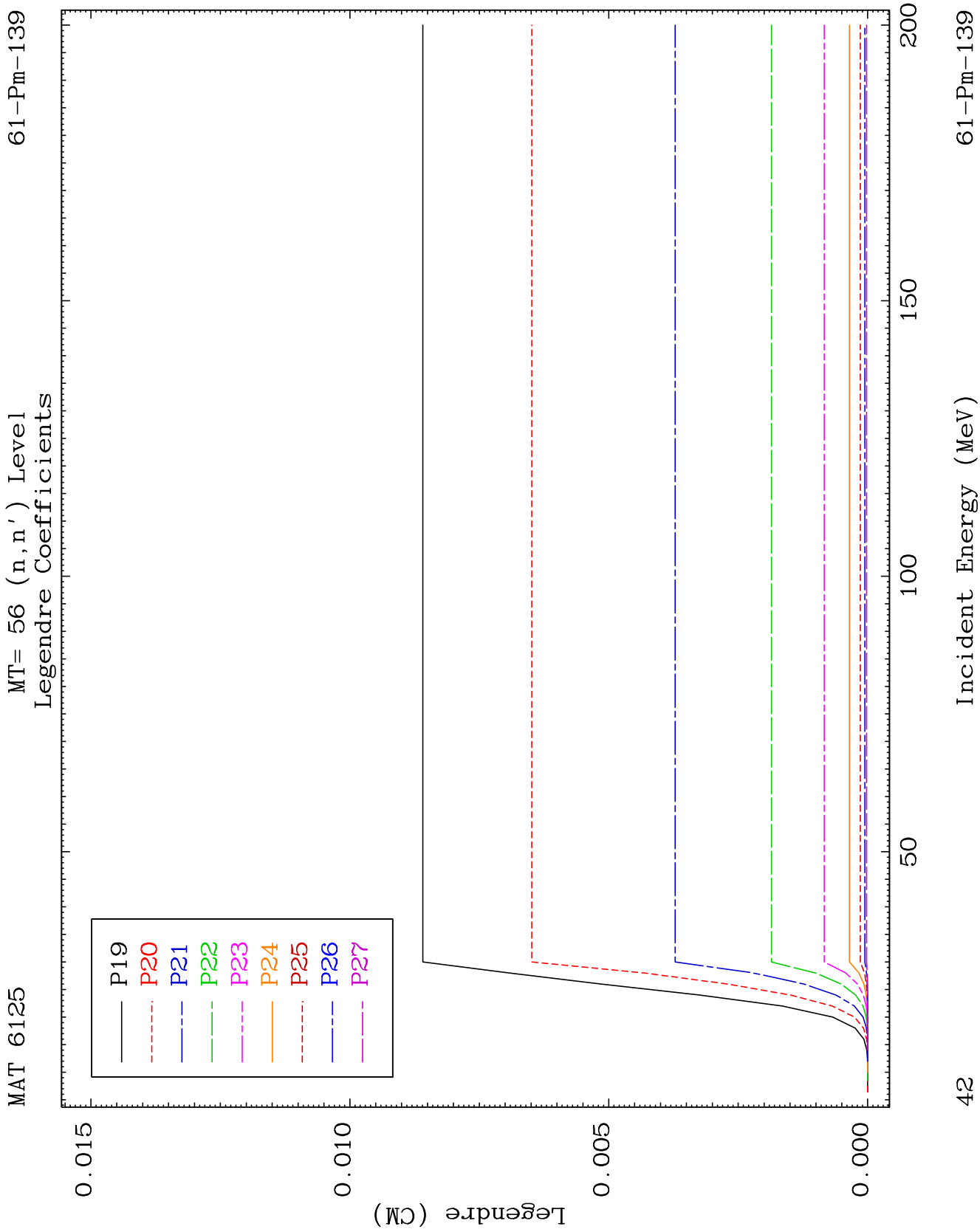


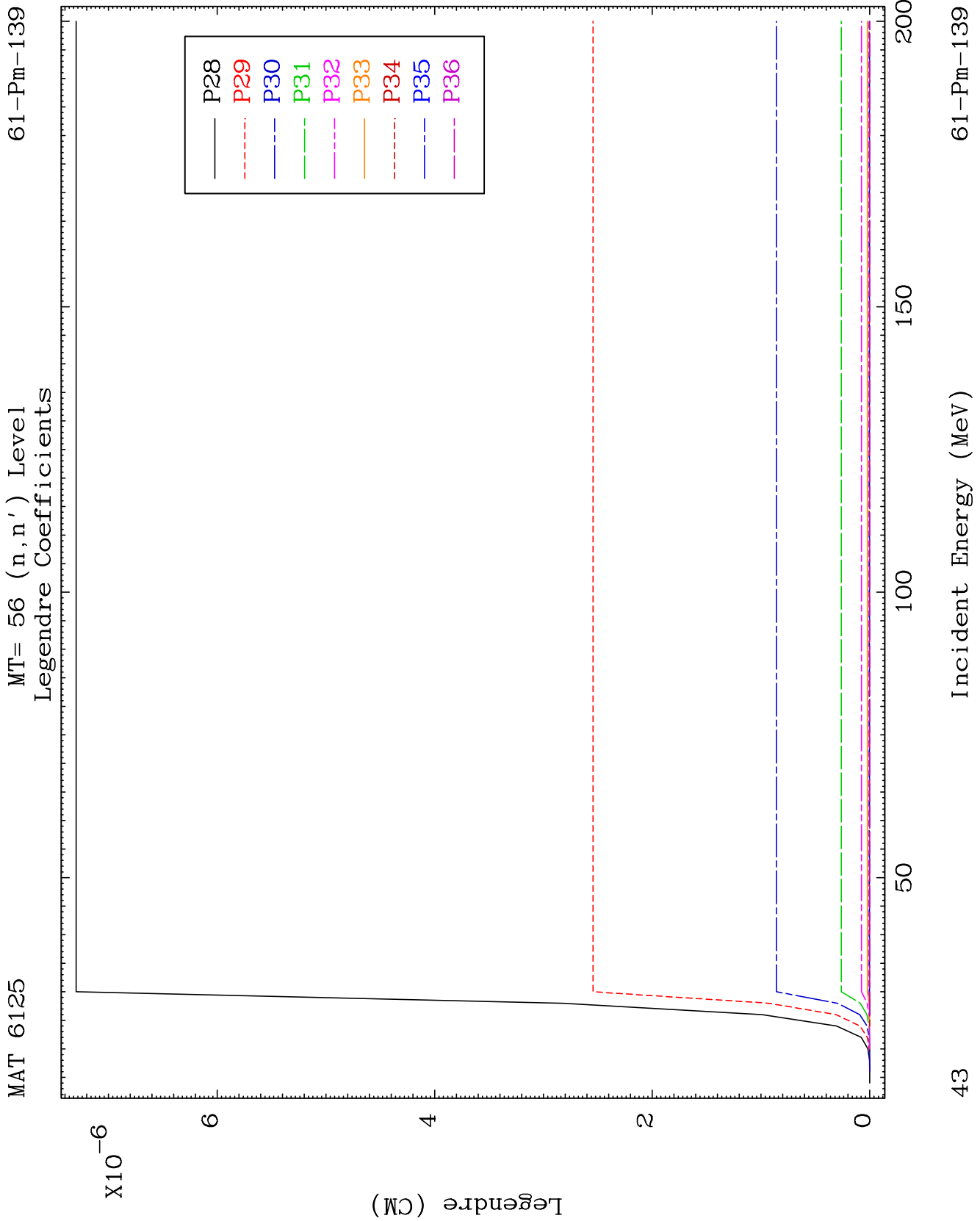
MAT 6125

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

61-Pm-139



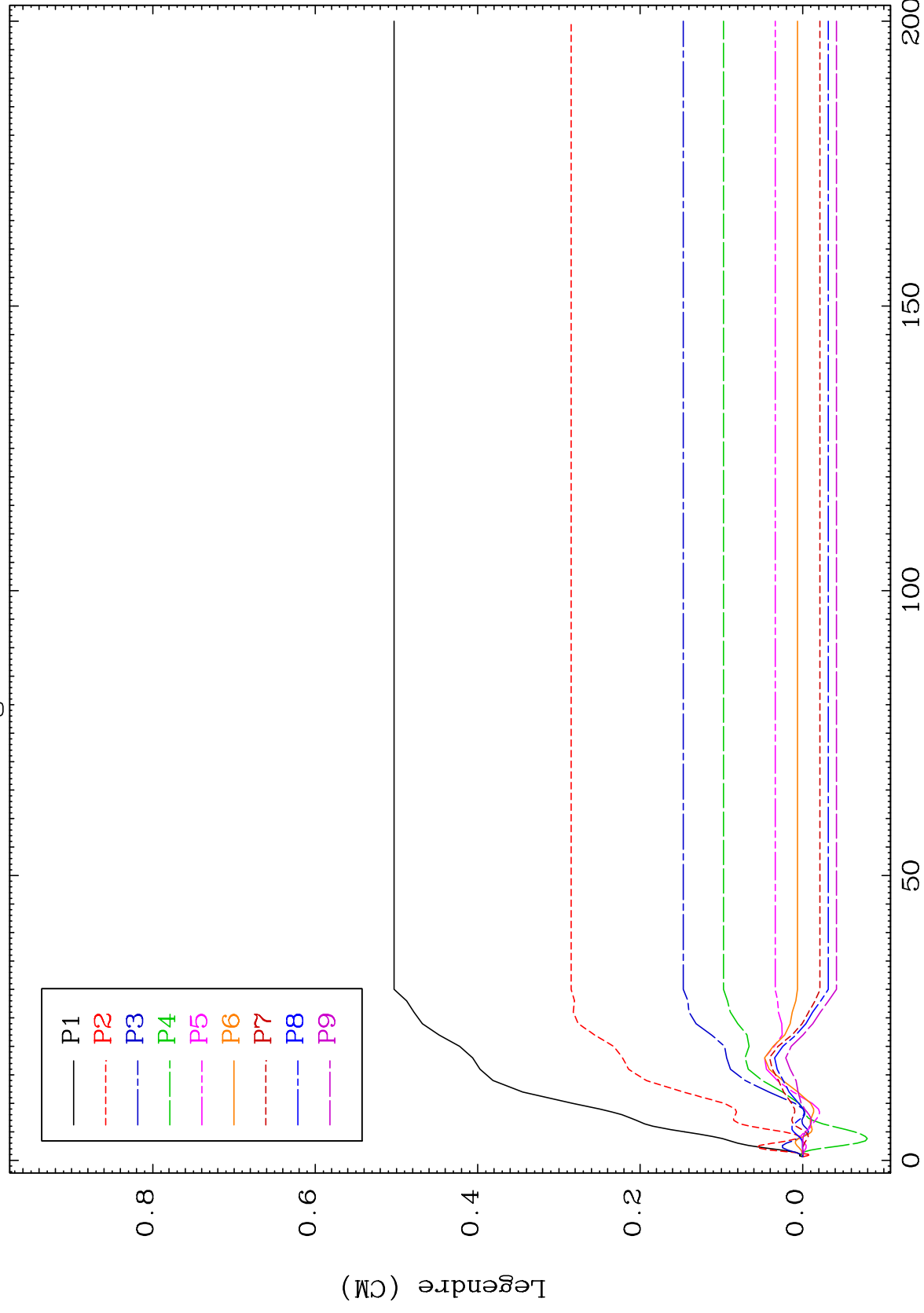




MAT 6125

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

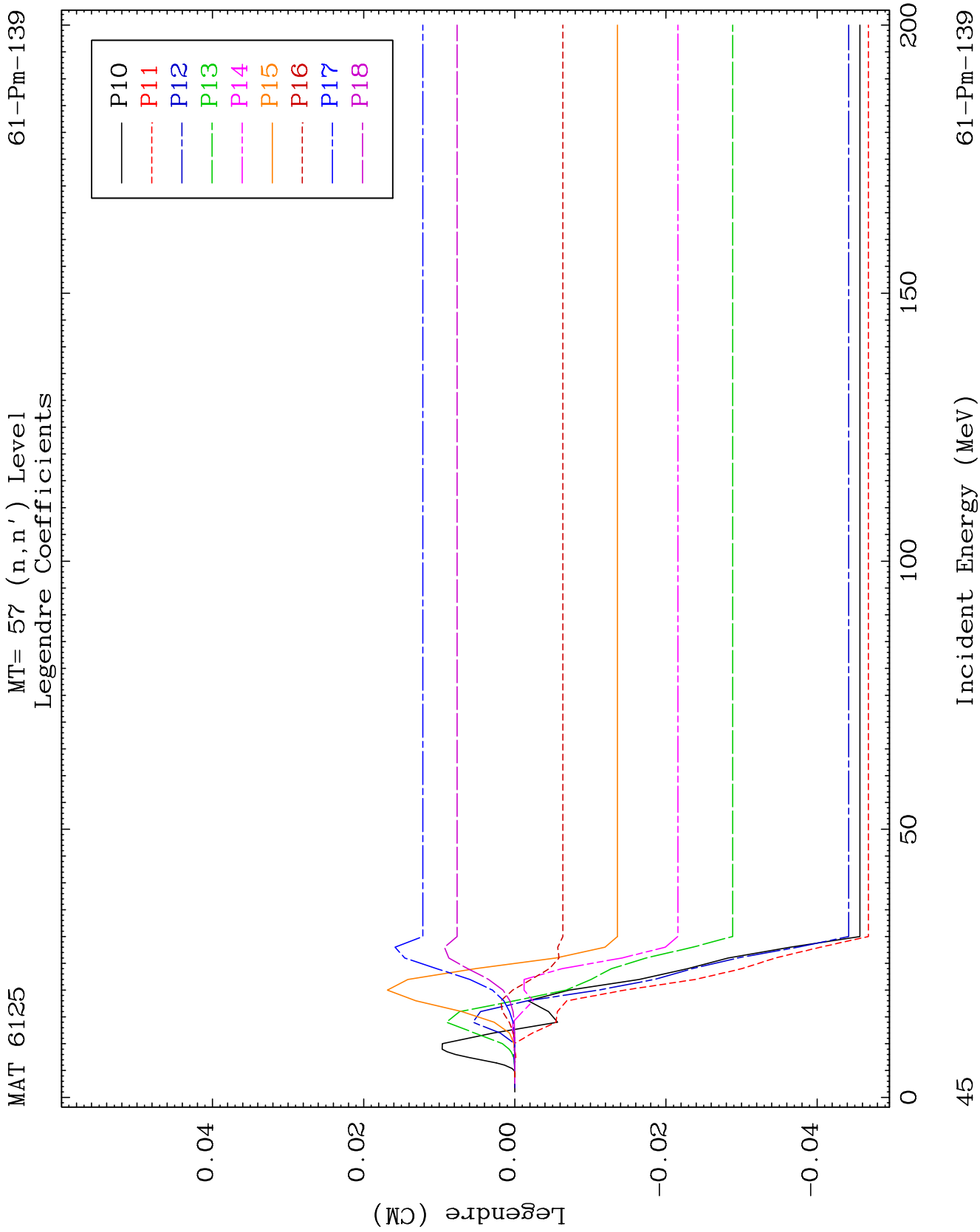
61-Pm-139



44

Incident Energy (MeV)

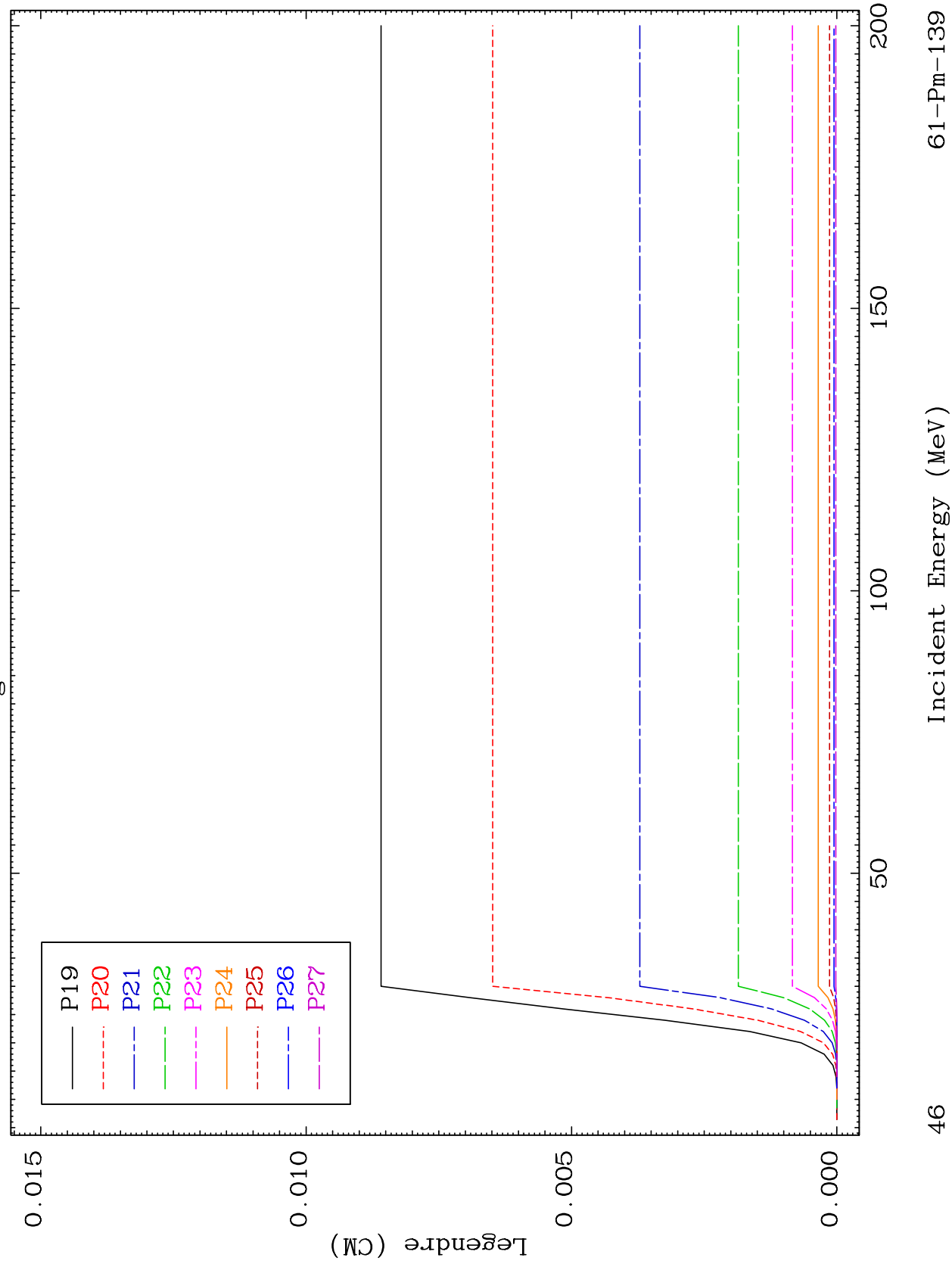
61-Pm-139



MAT 6125

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

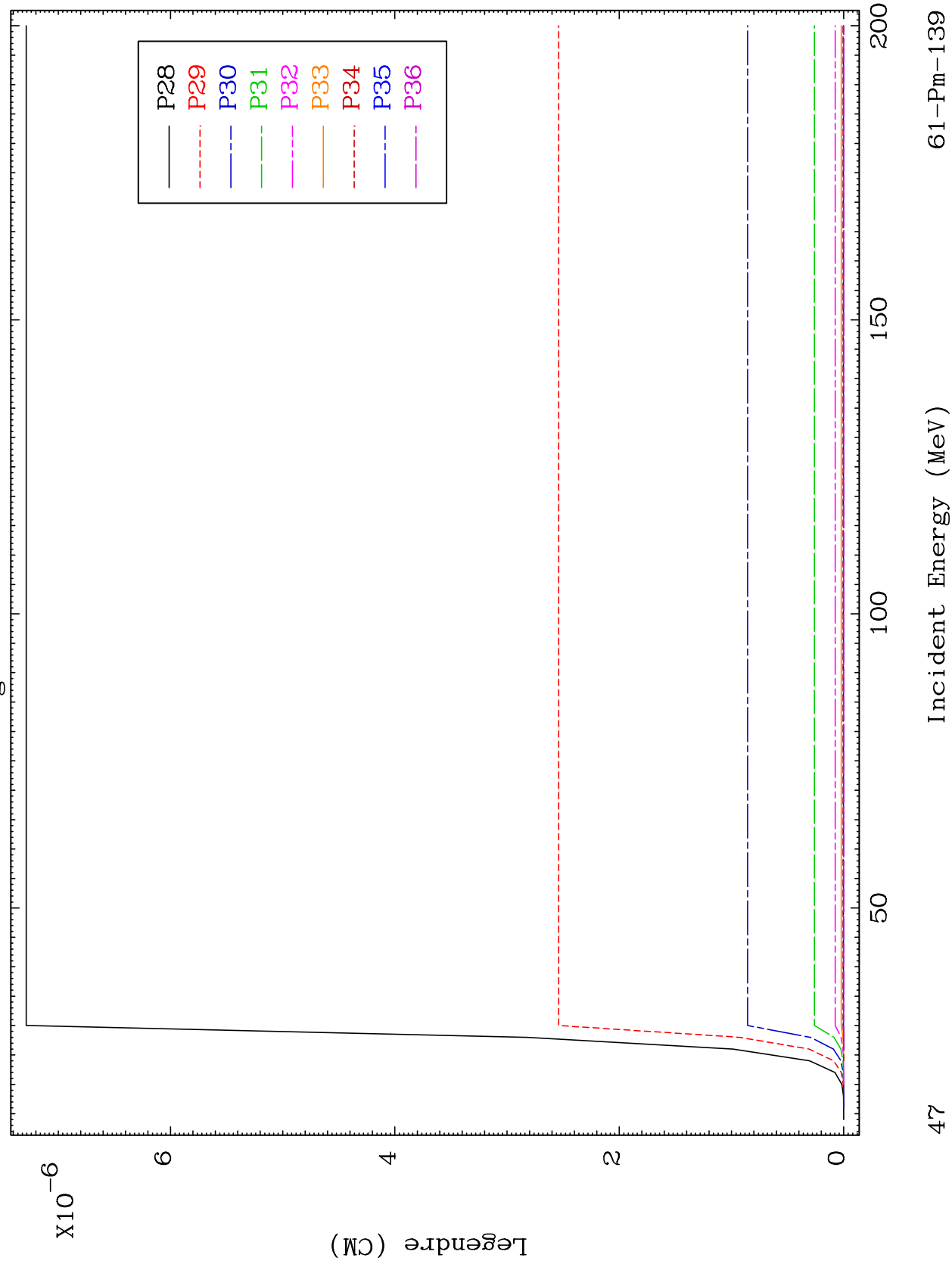
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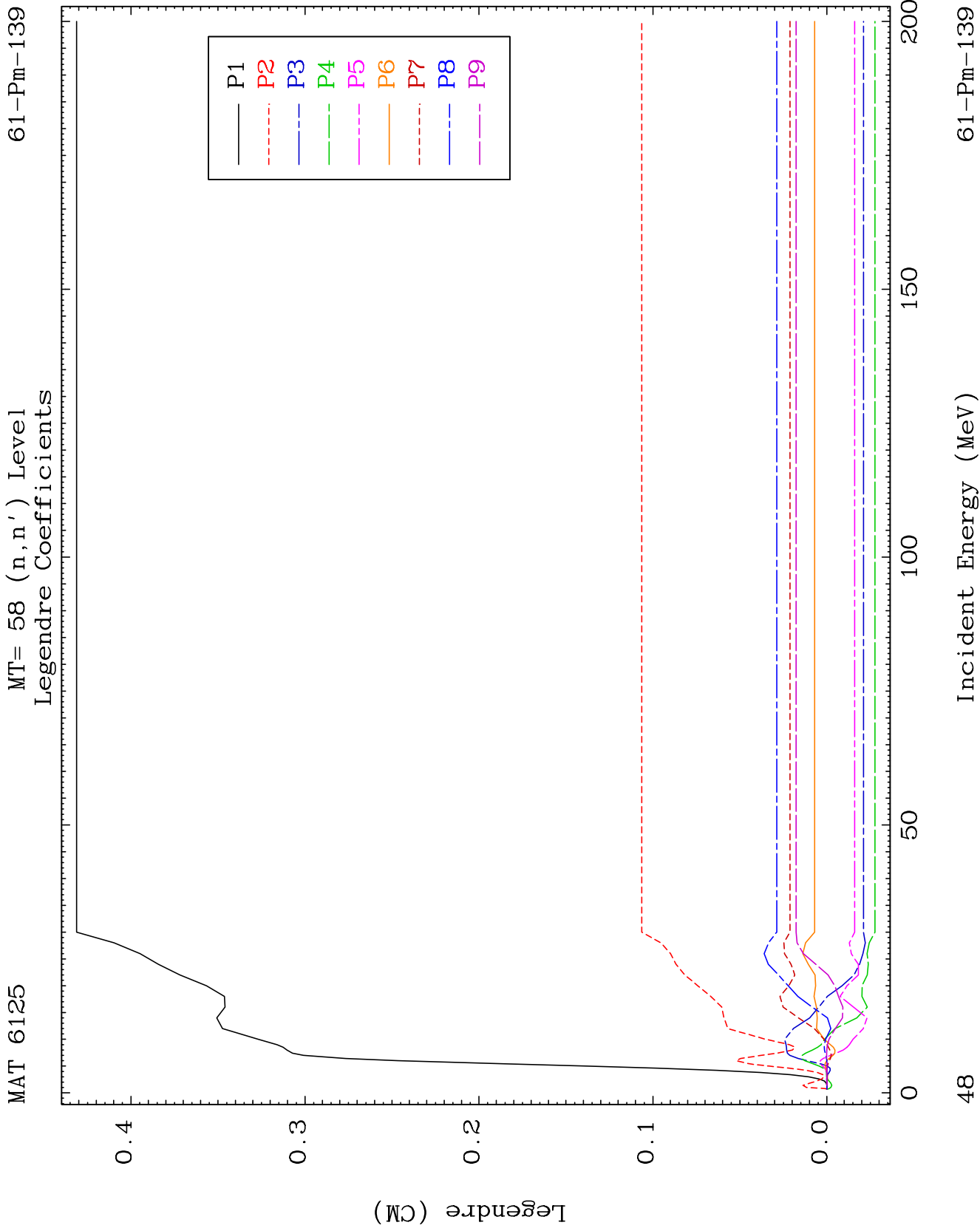


MAT 6125

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

61-Pm-139

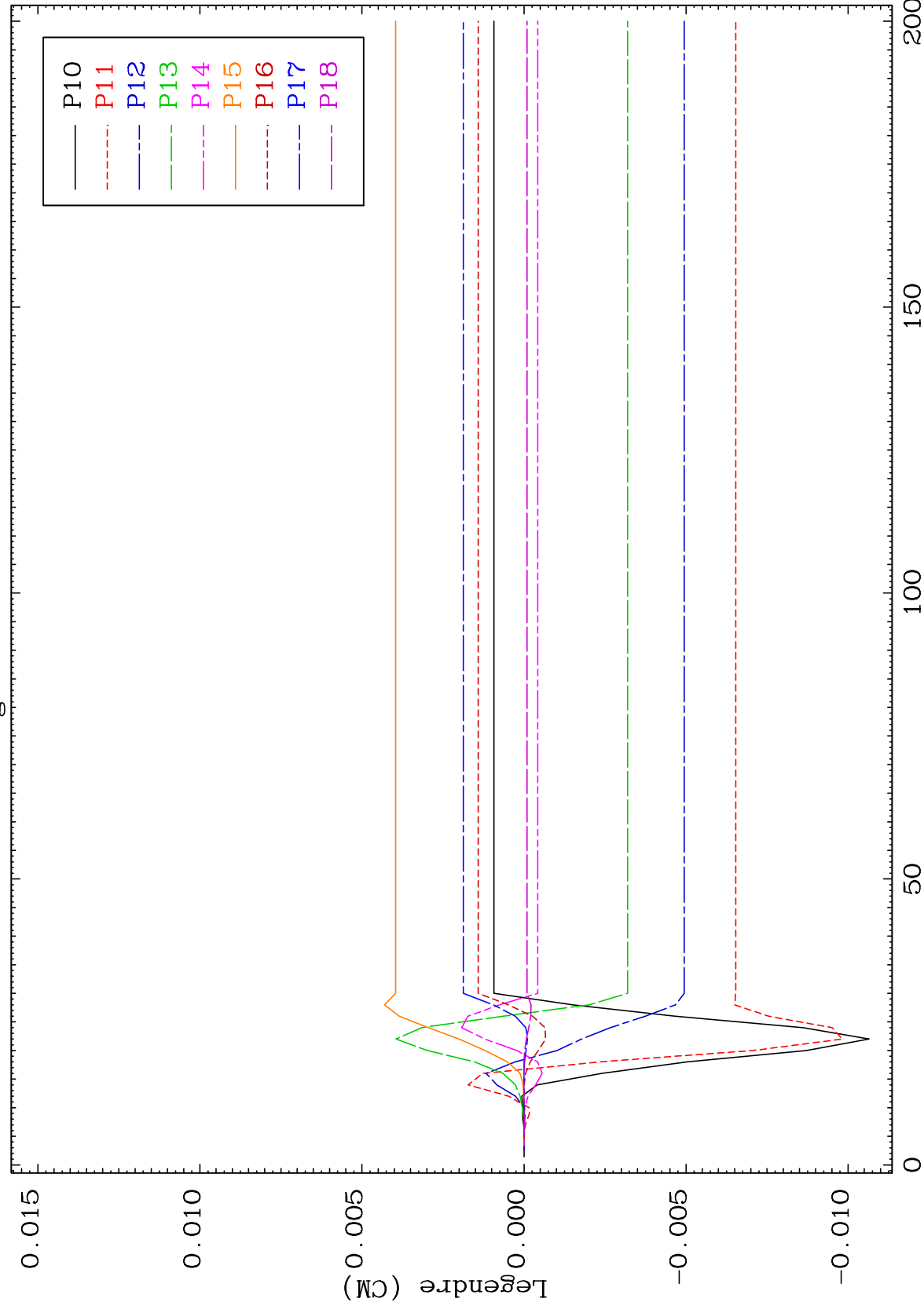




MAT 6125

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

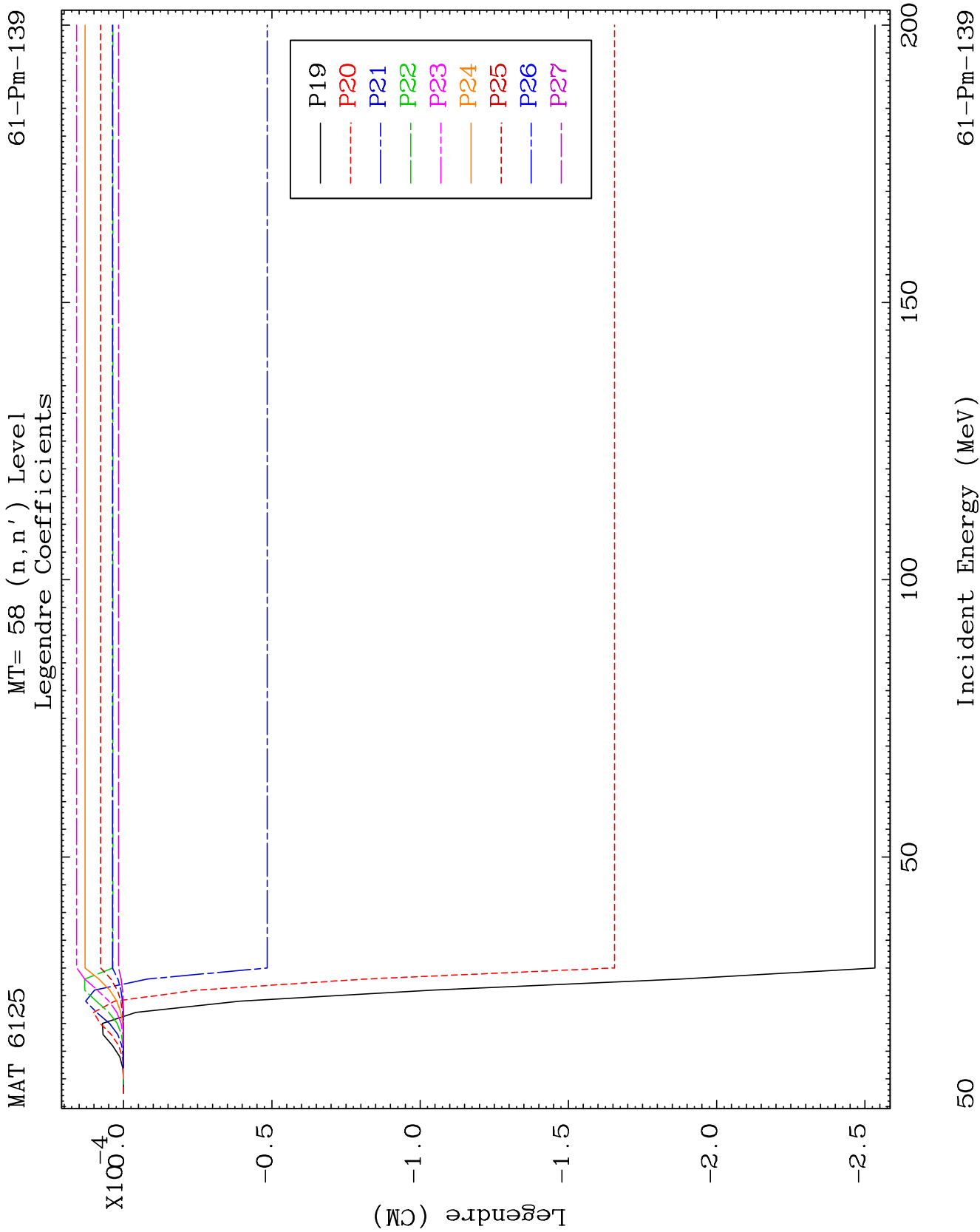
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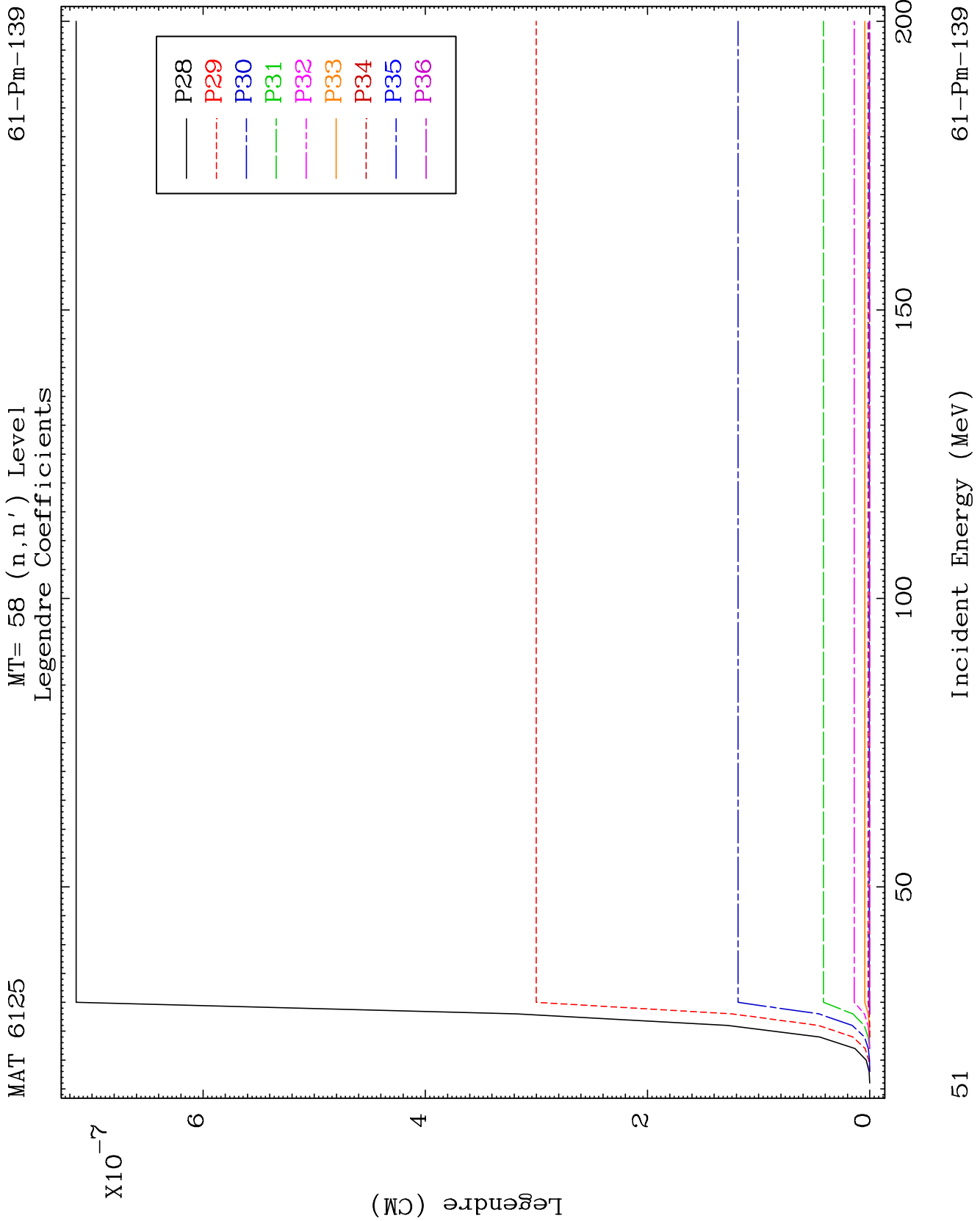


49

Incident Energy (MeV)

61-Pm-139

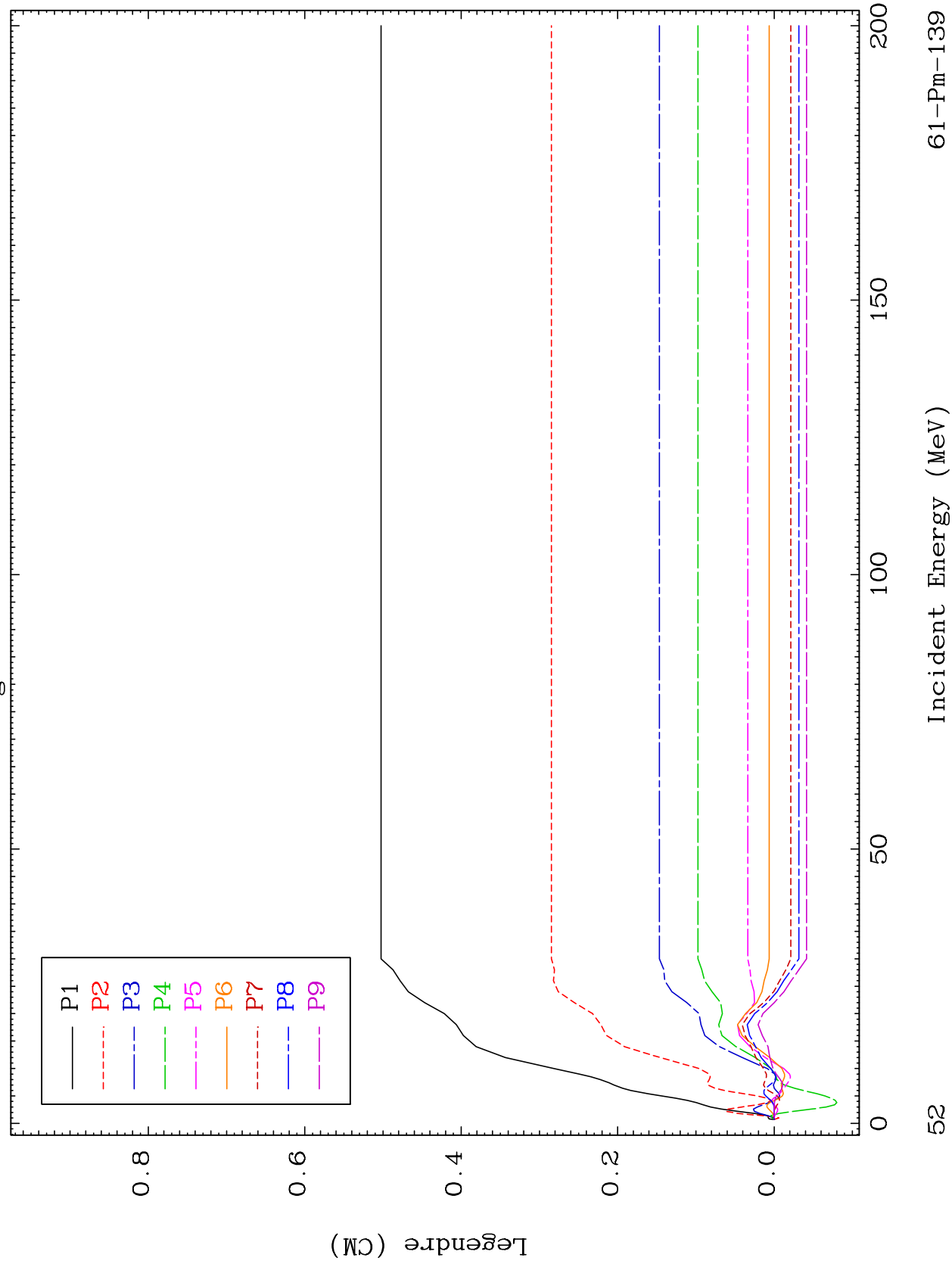




MAT 6125

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

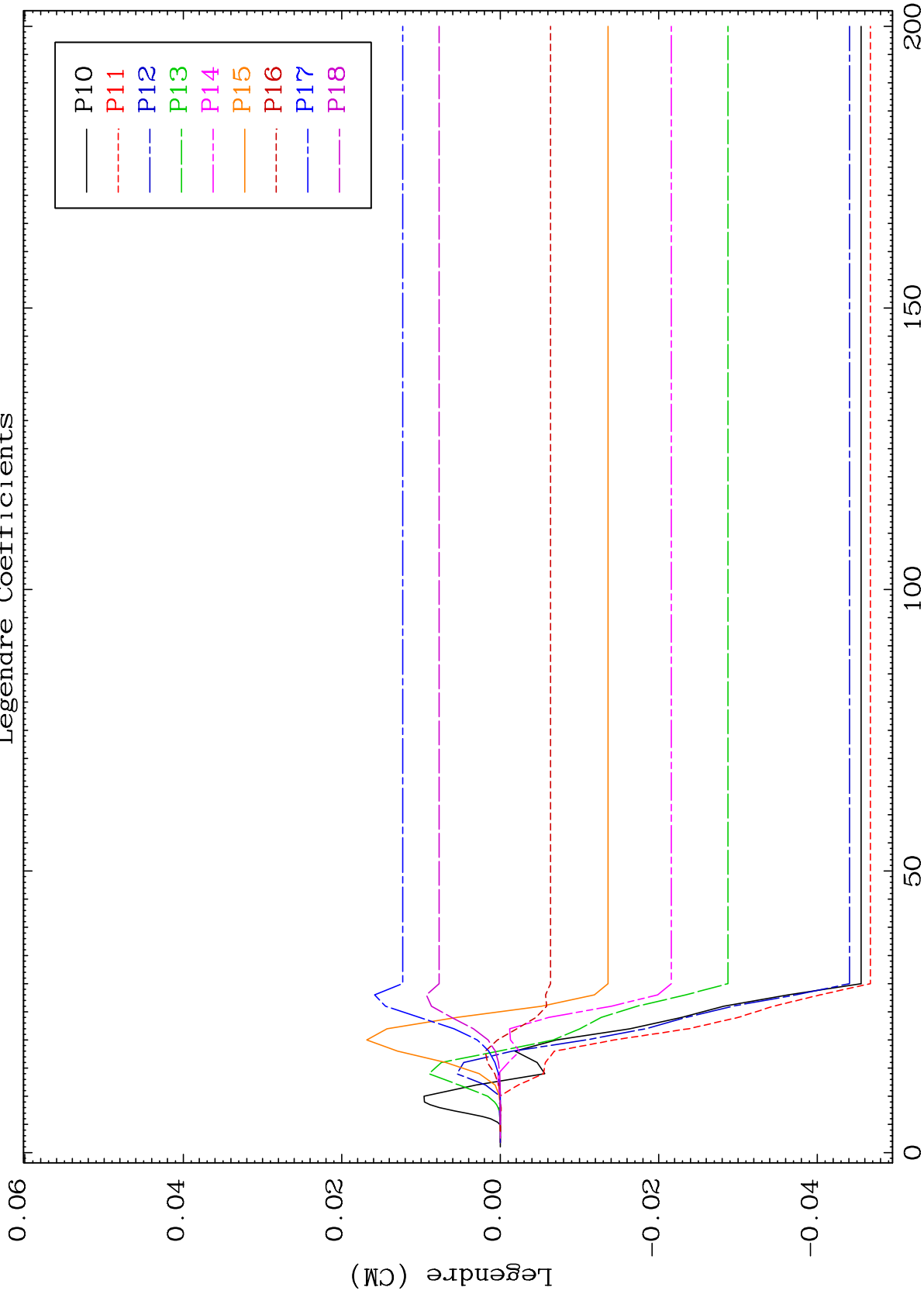
61-Pm-139



MAT 6125

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

61-Pm-139



53

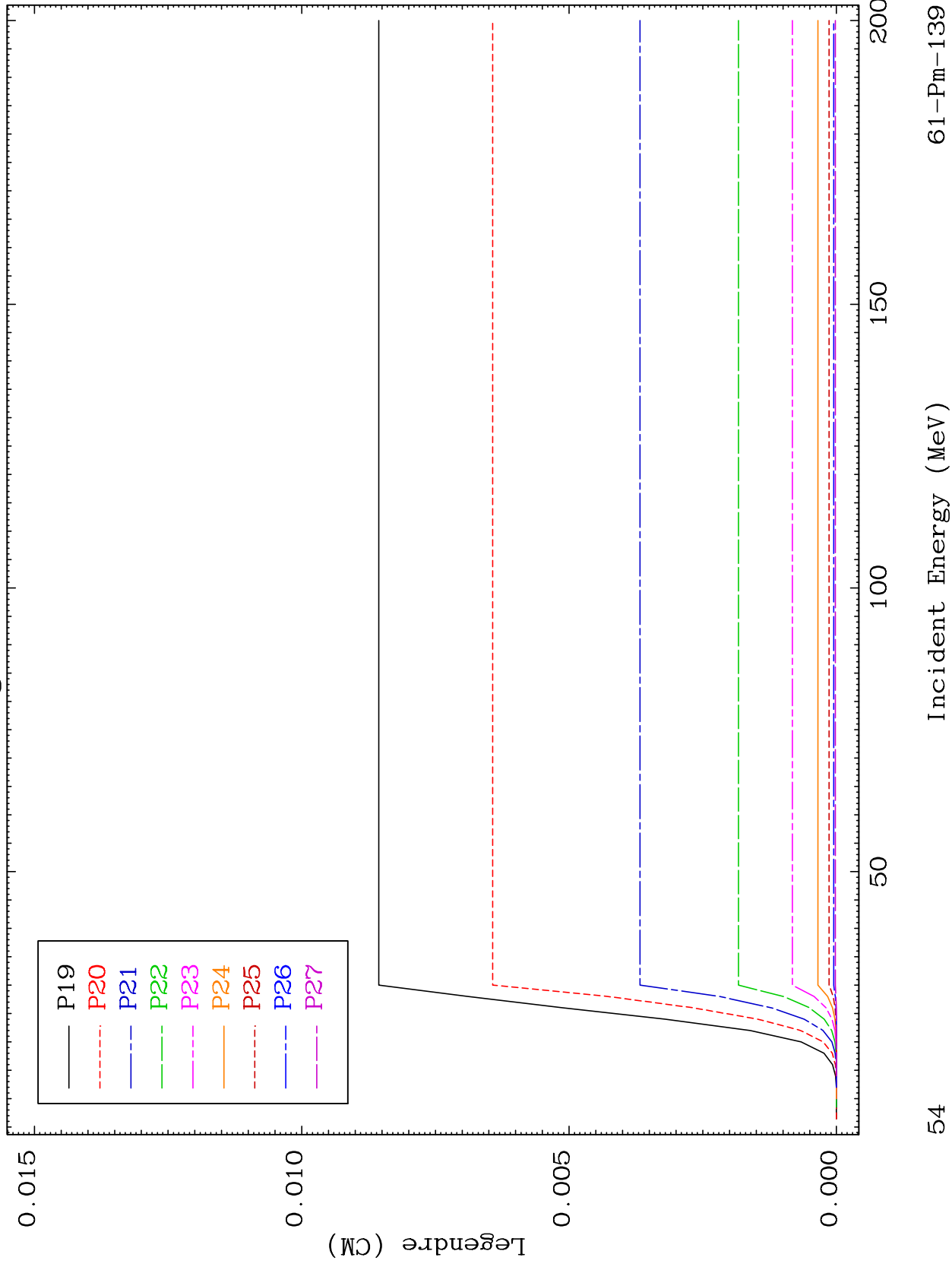
Incident Energy (MeV)

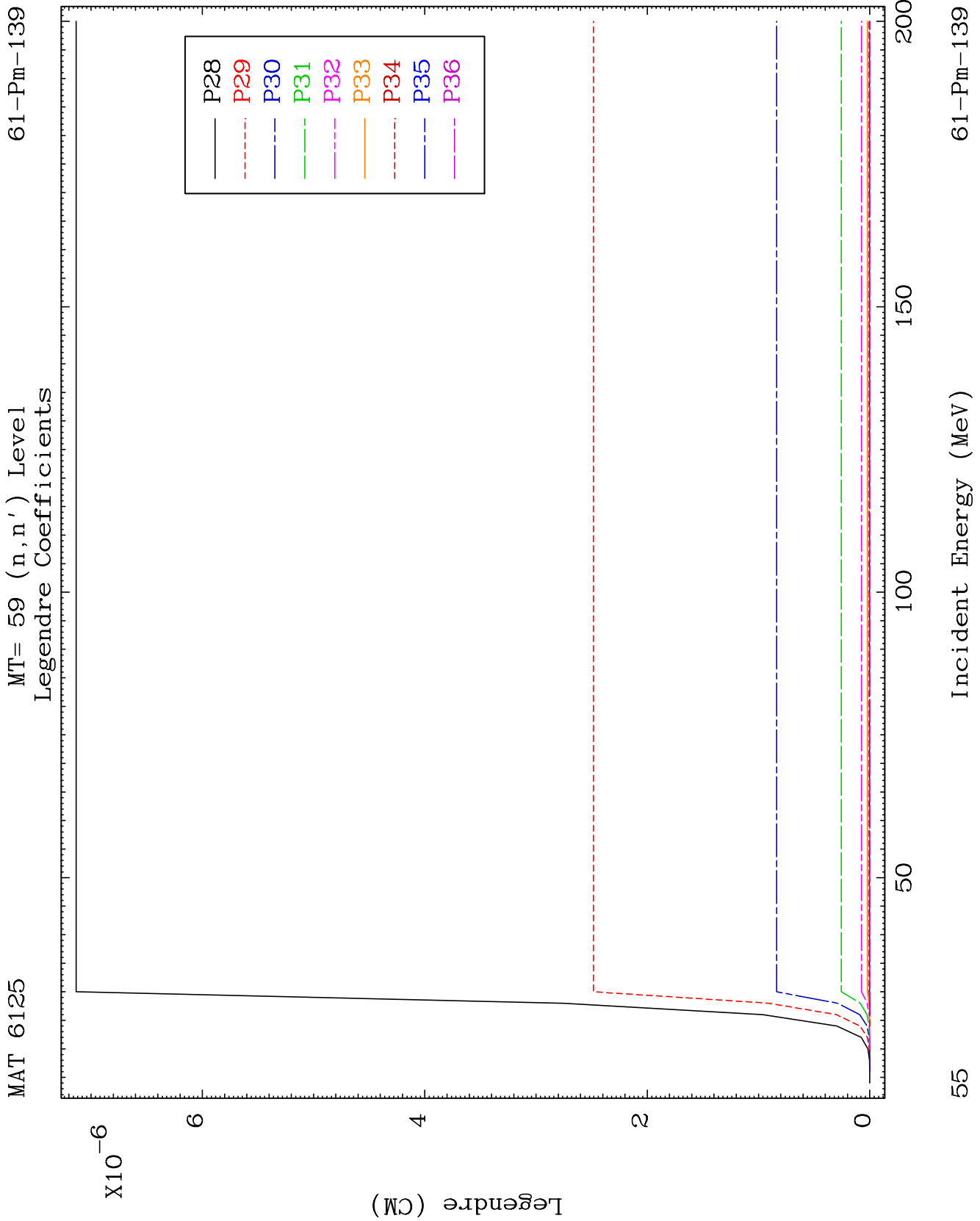
61-Pm-139

MAT 6125

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

61-Pm-139

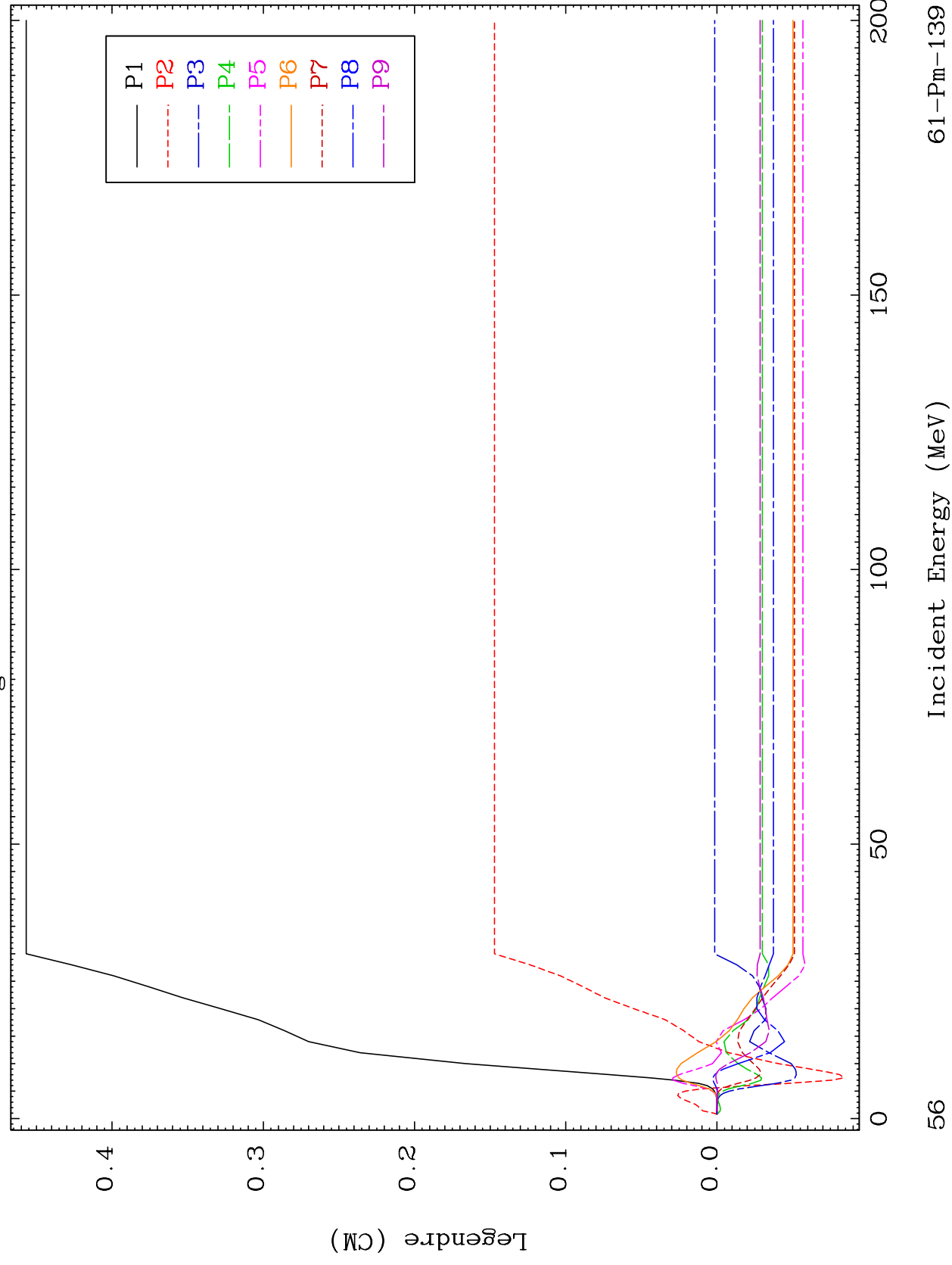




MAT 6125

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

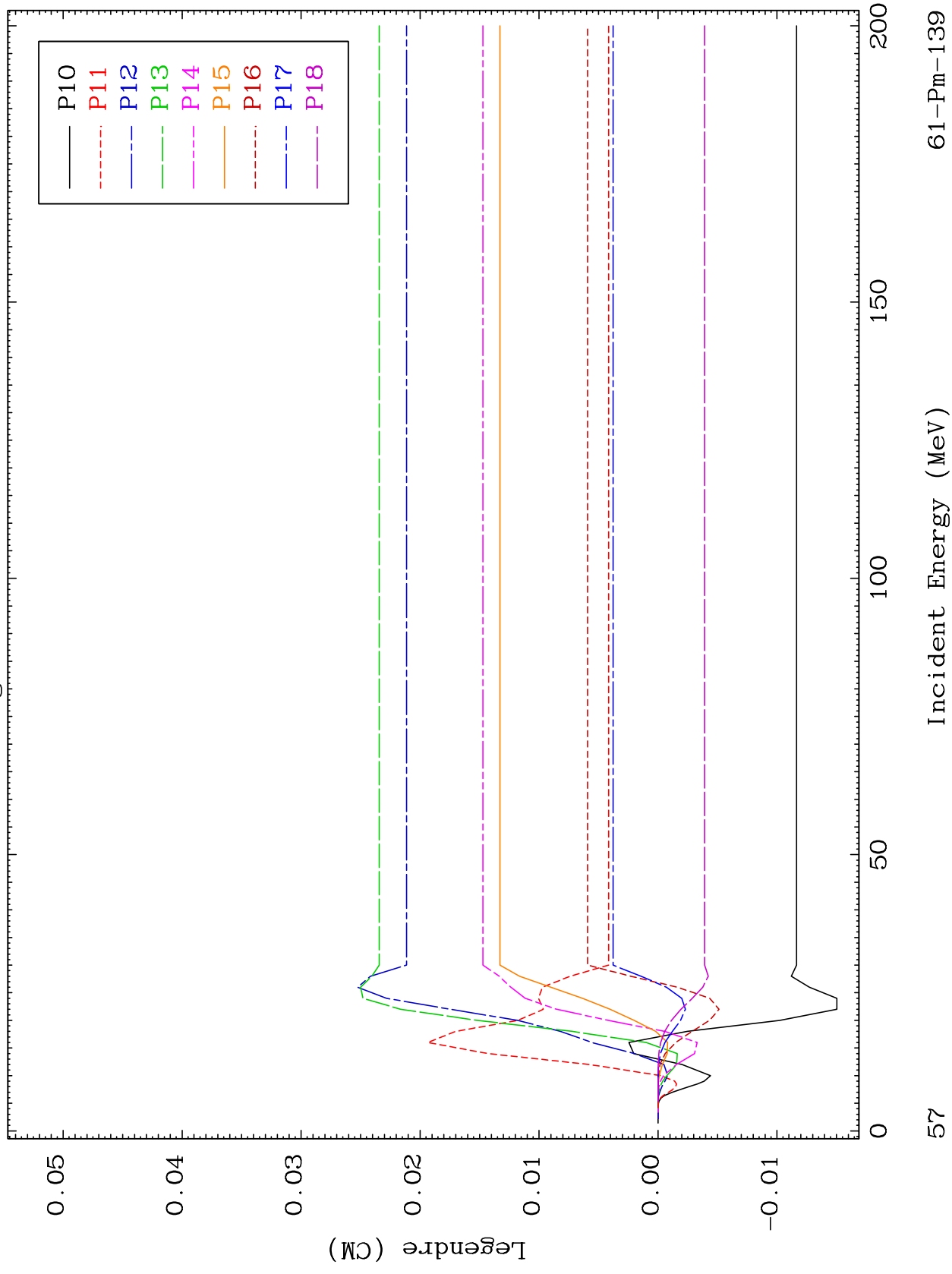
61-Pm-139

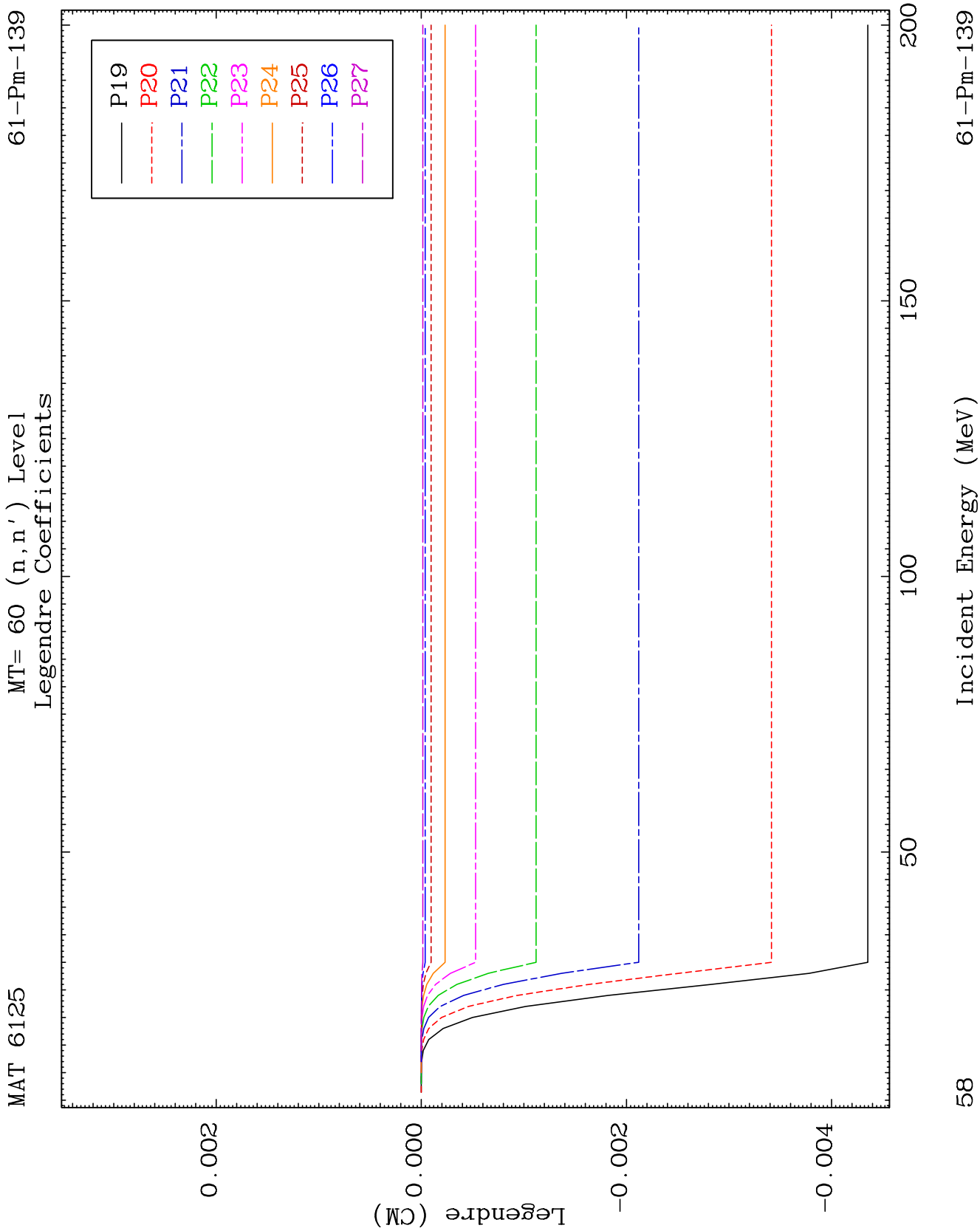


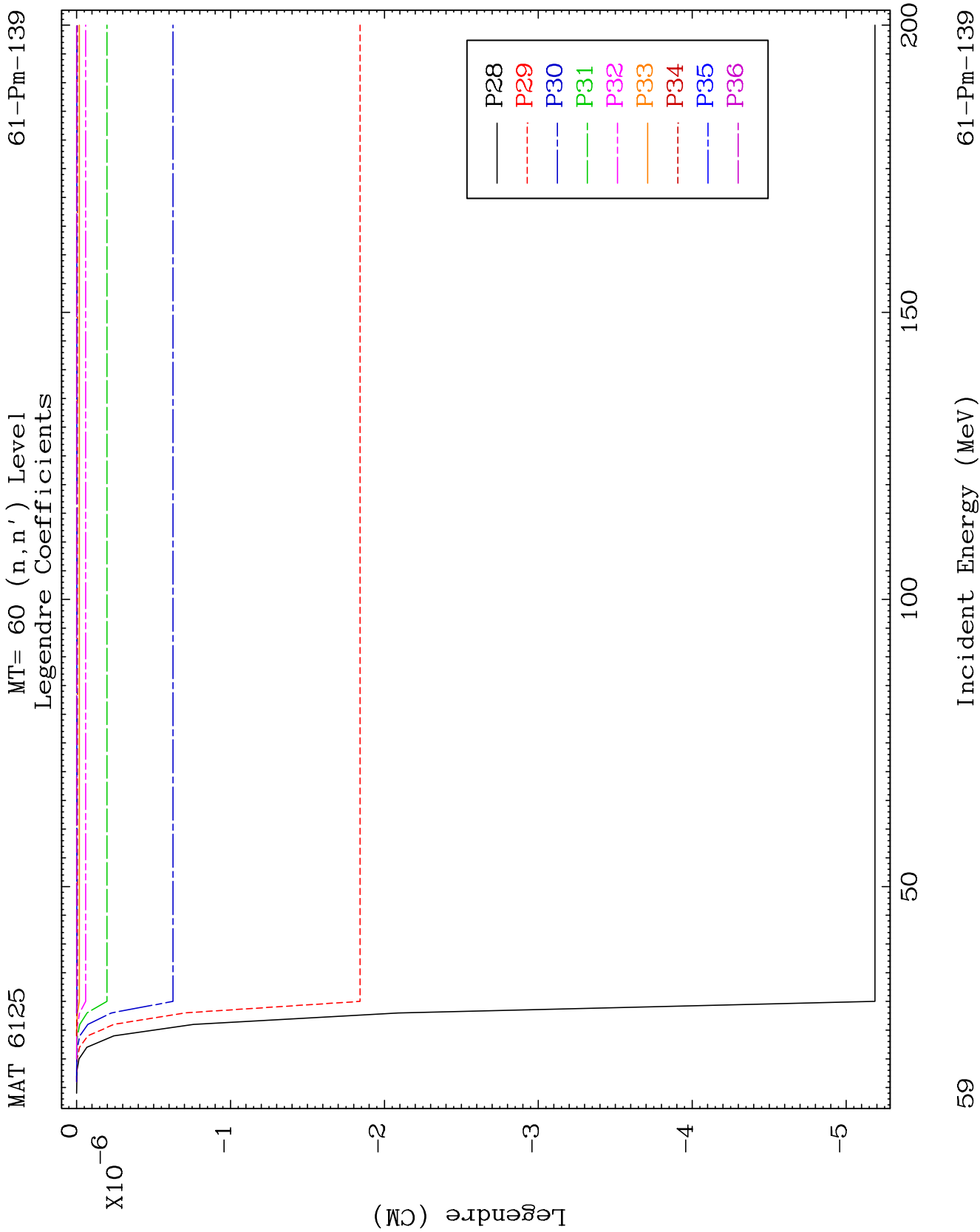
MAT 6125

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

61-Pm-139



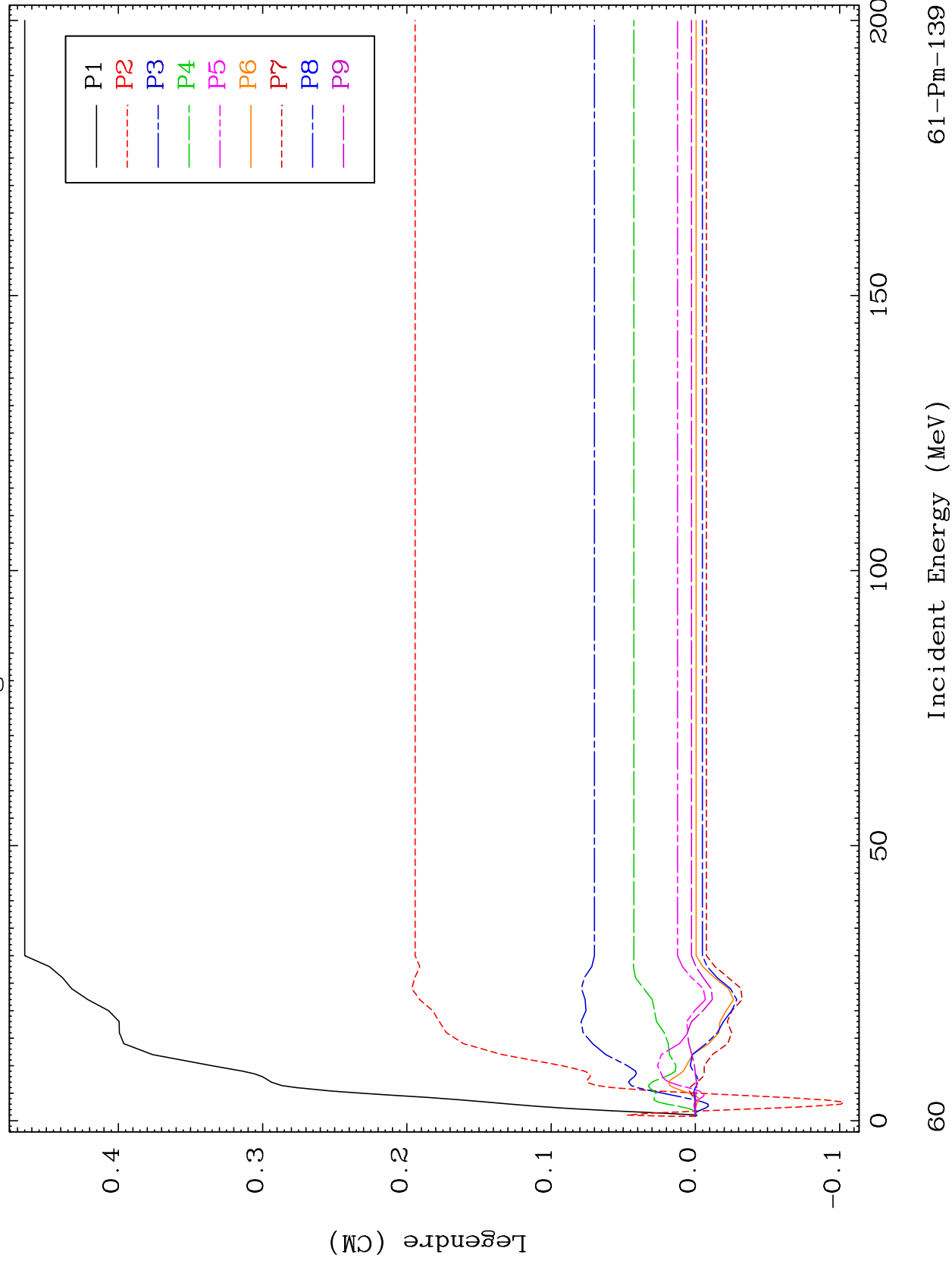




MAT 6125

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

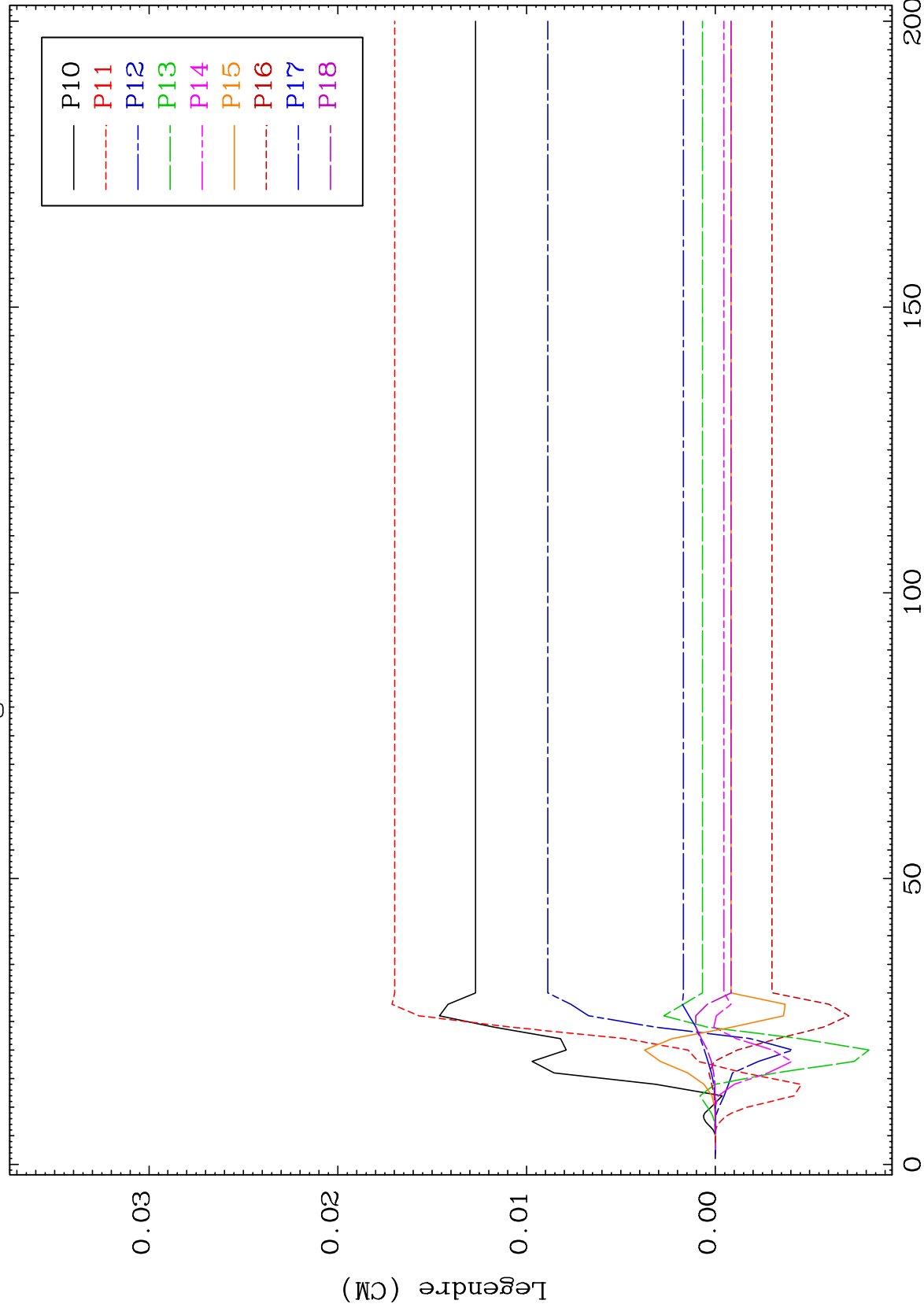
61-Pm-139



MAT 6125

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

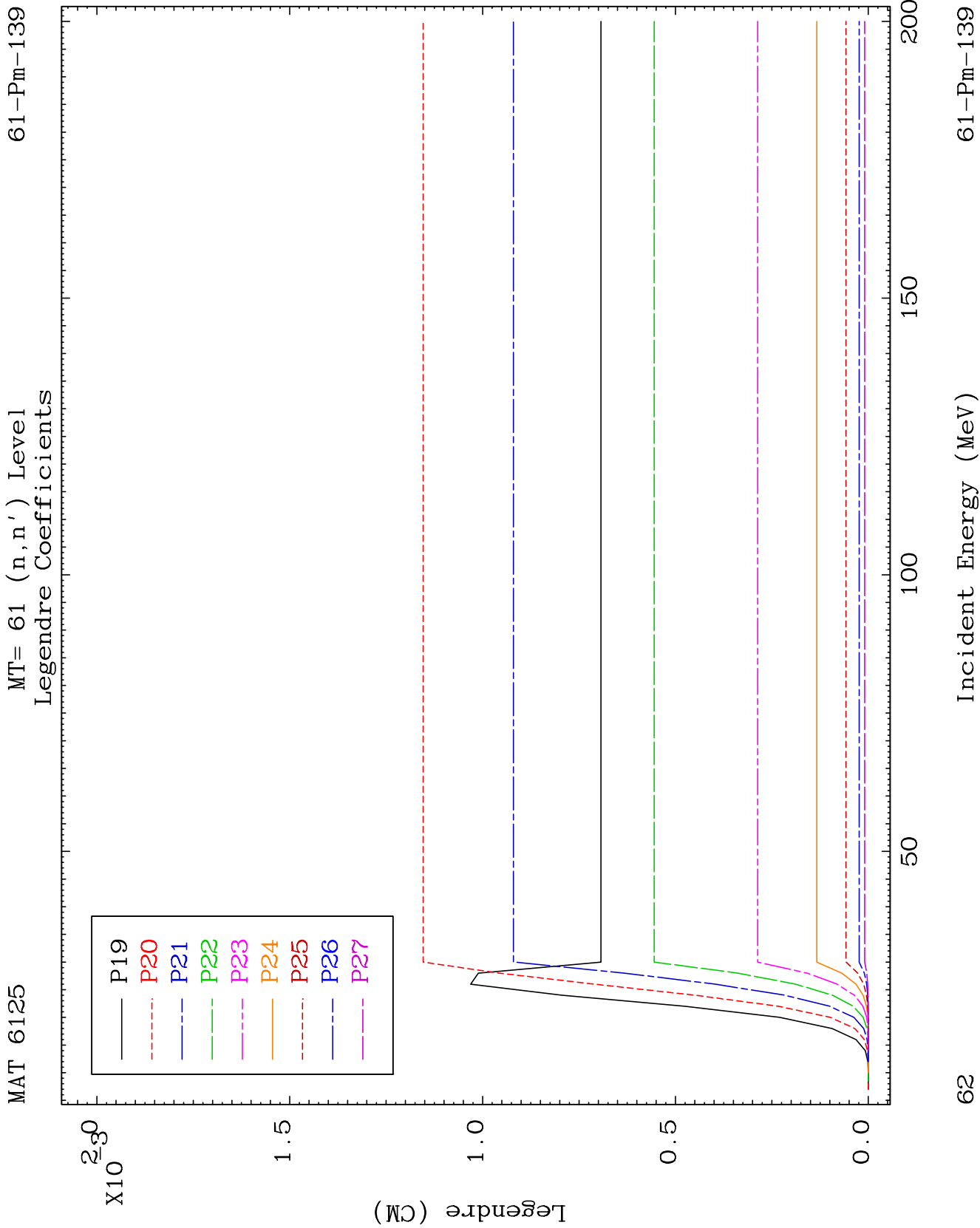
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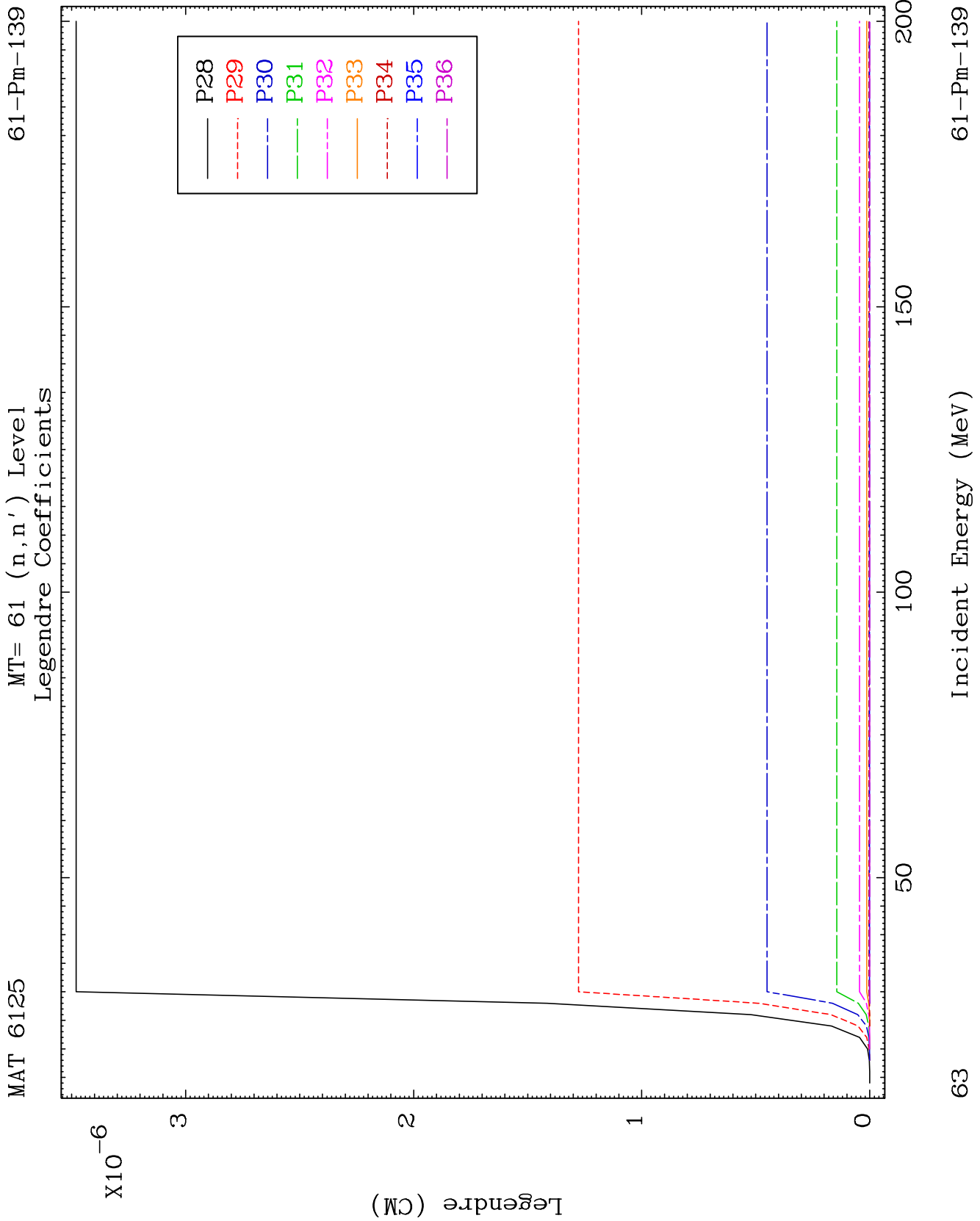


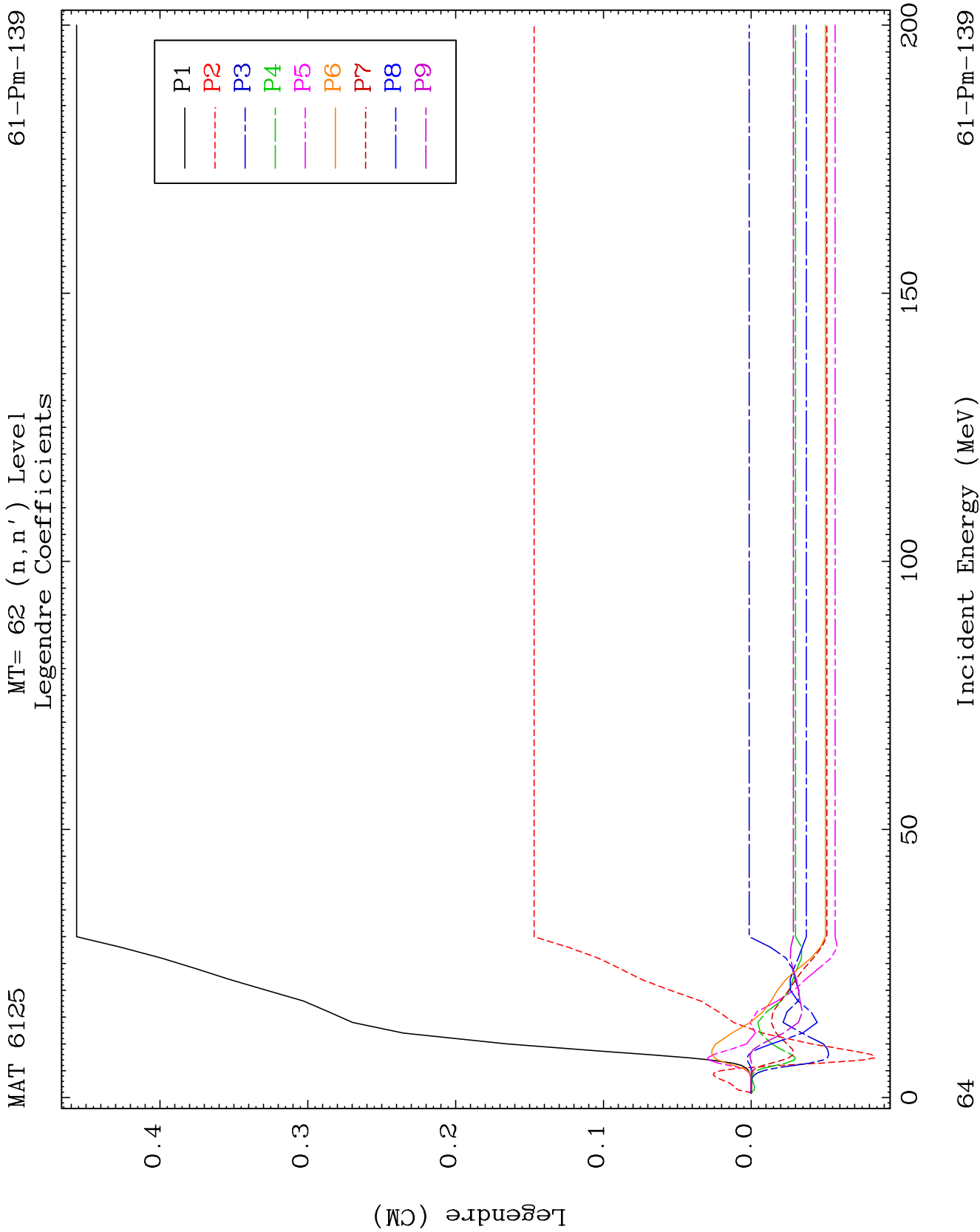
61

Incident Energy (MeV)

61-Pm-139



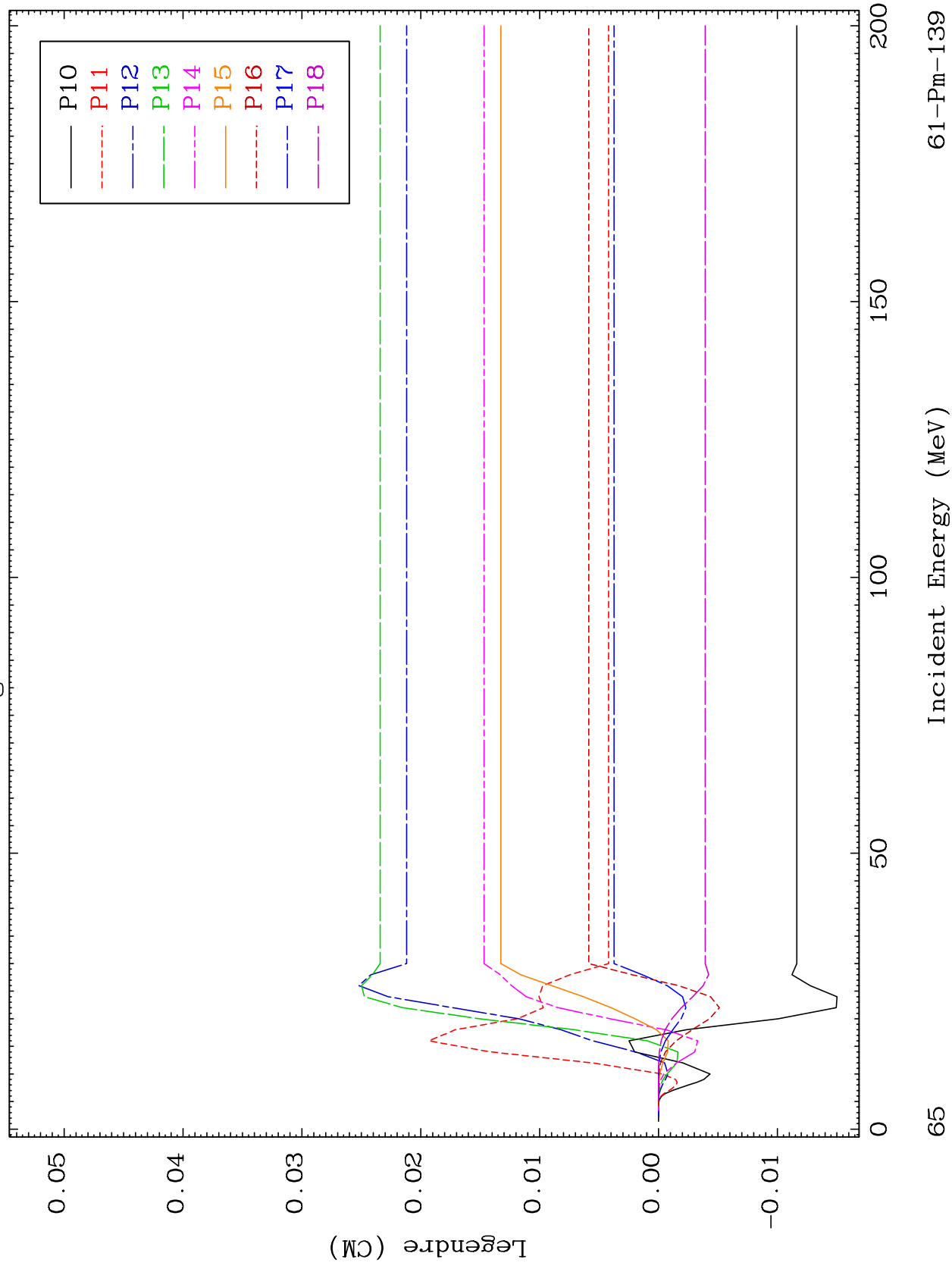


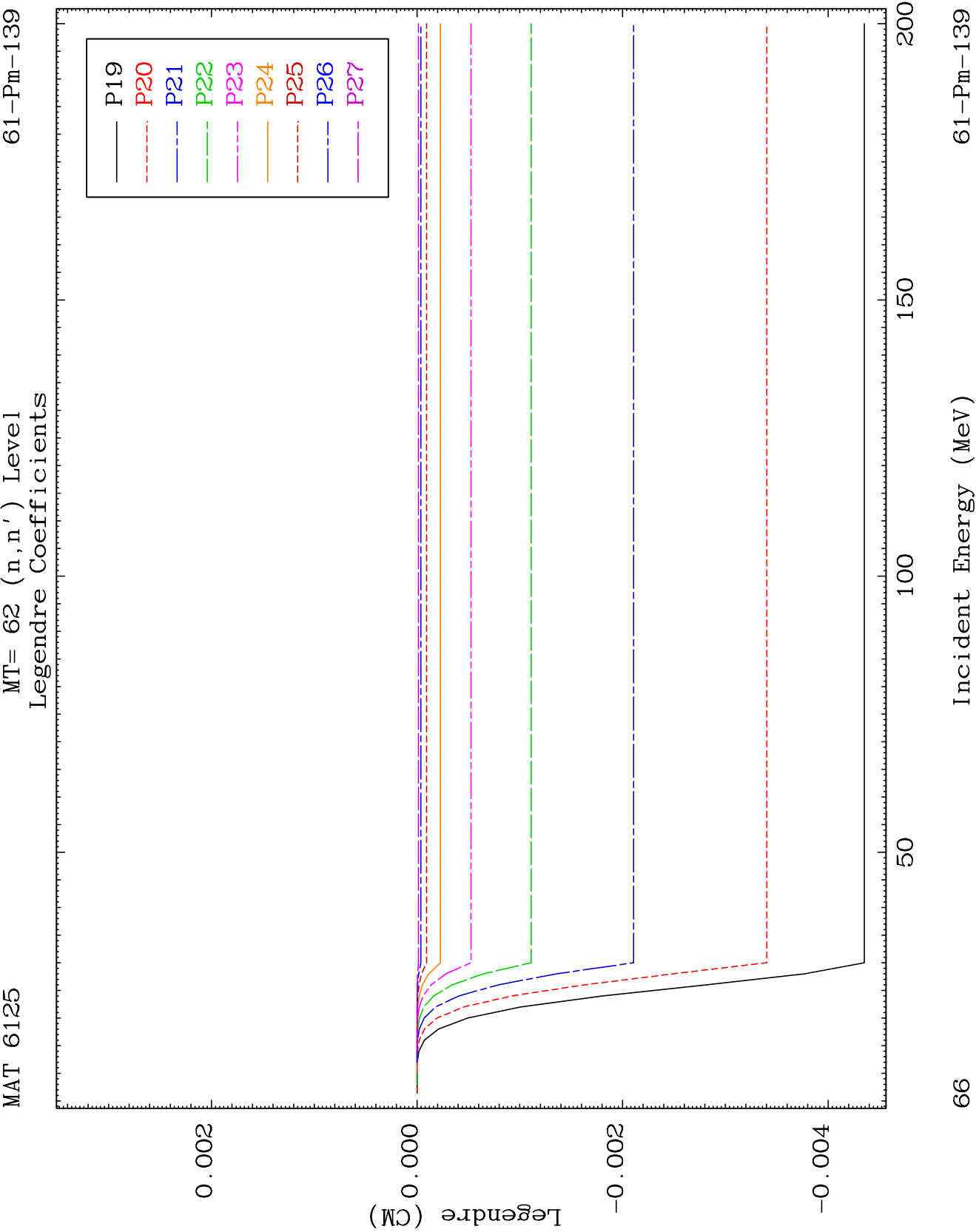


MAT 6125

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

61-Pm-139

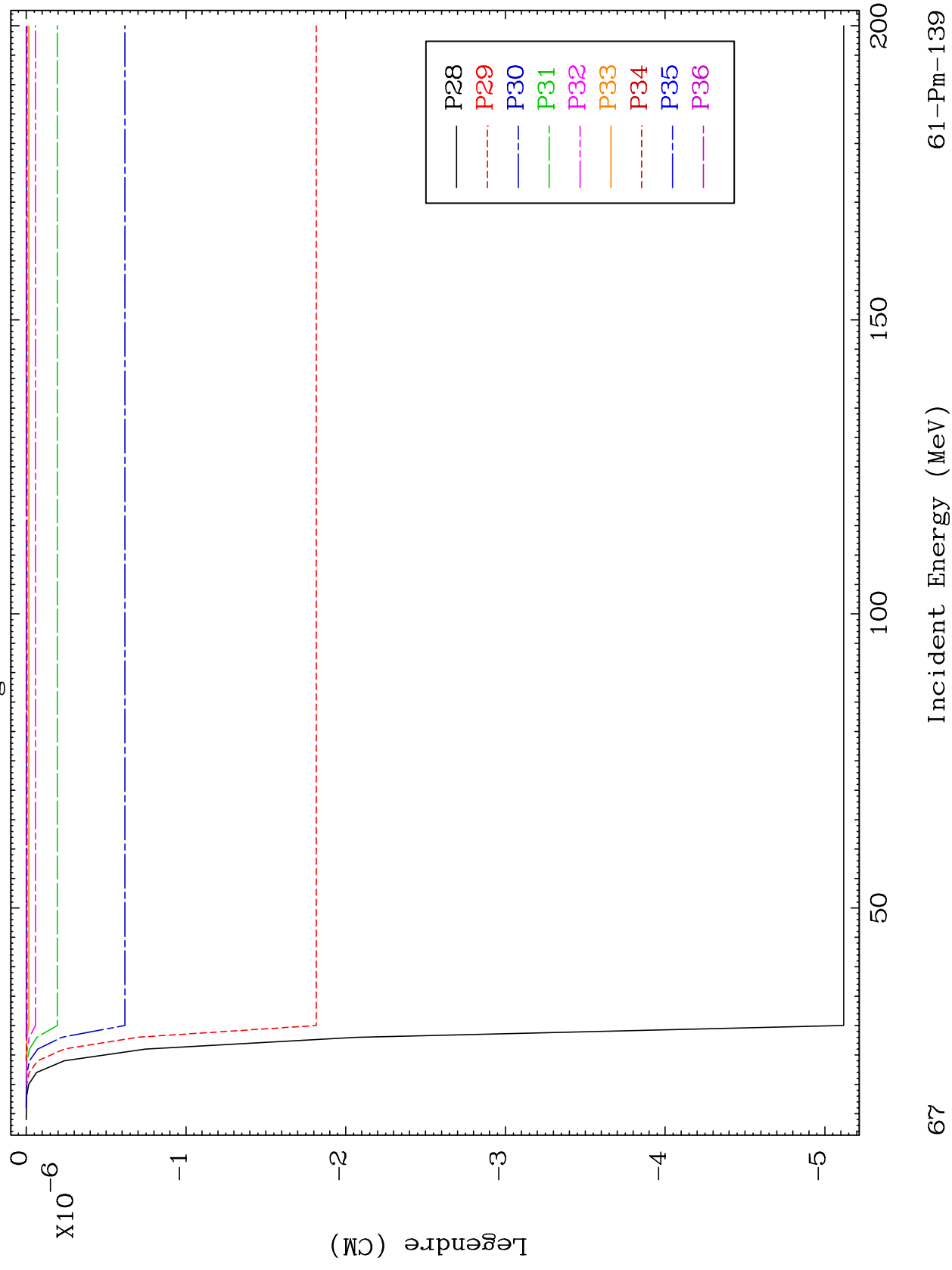


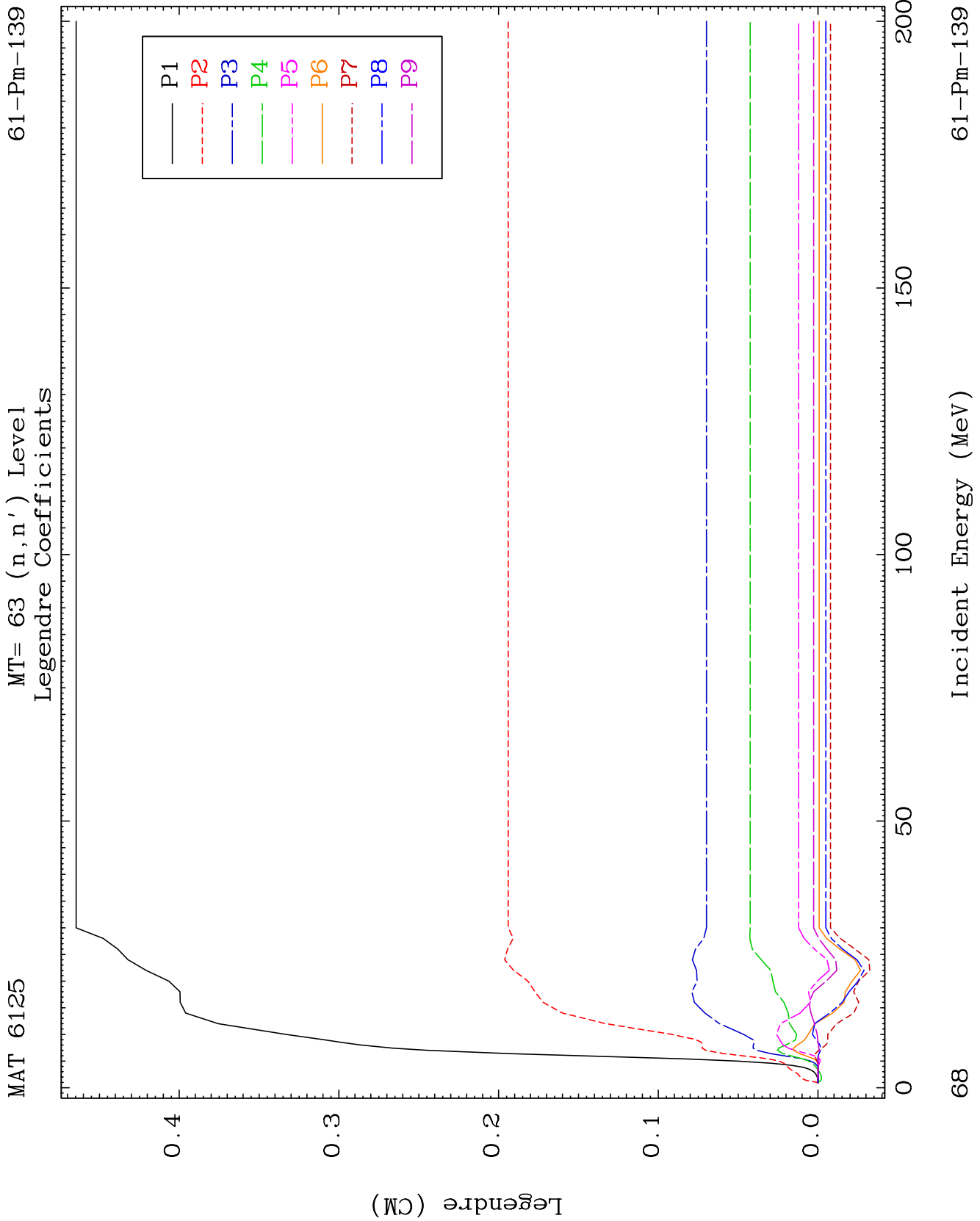


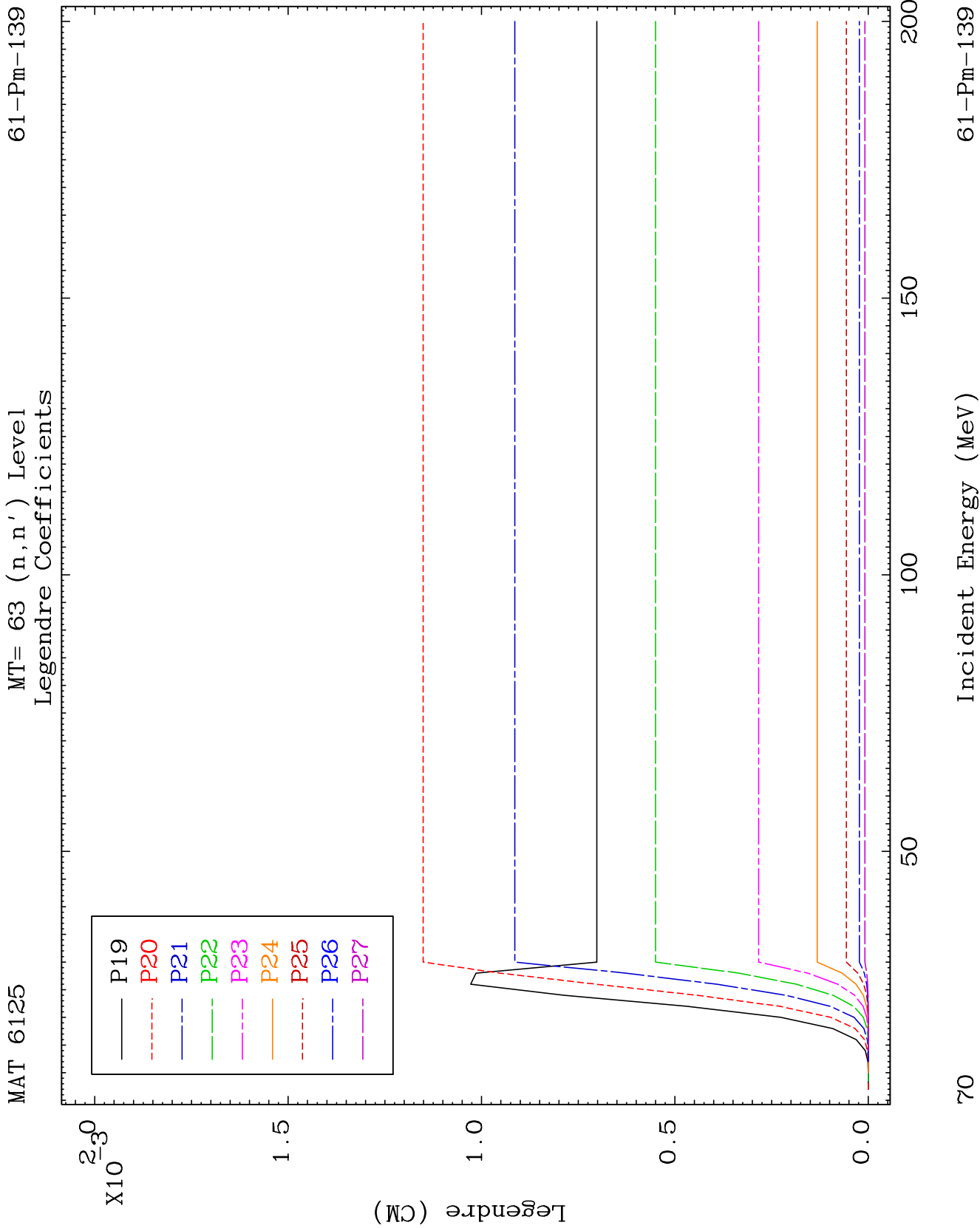
MAT 6125

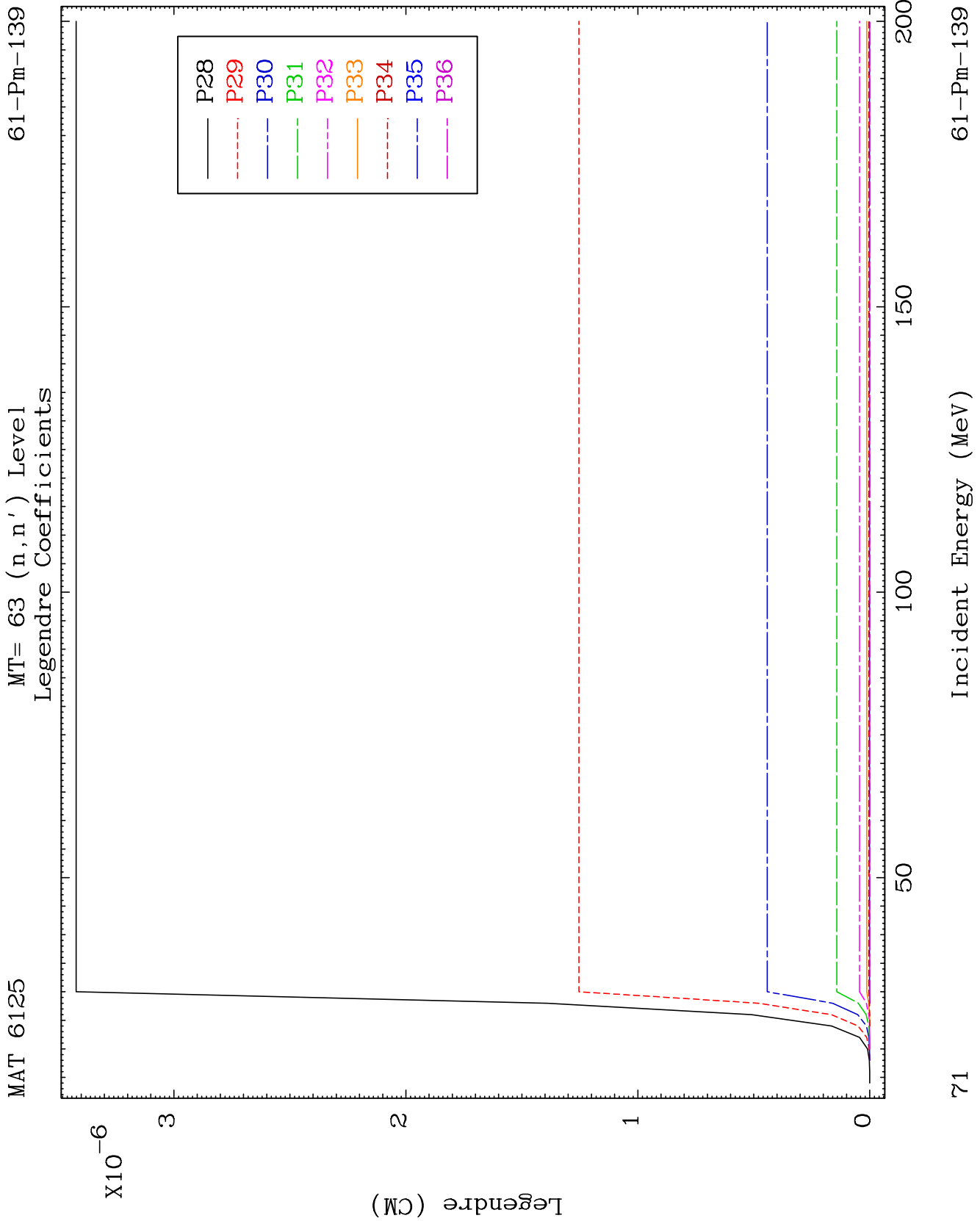
MT= 62 (n, n') Level
Legendre Coefficients

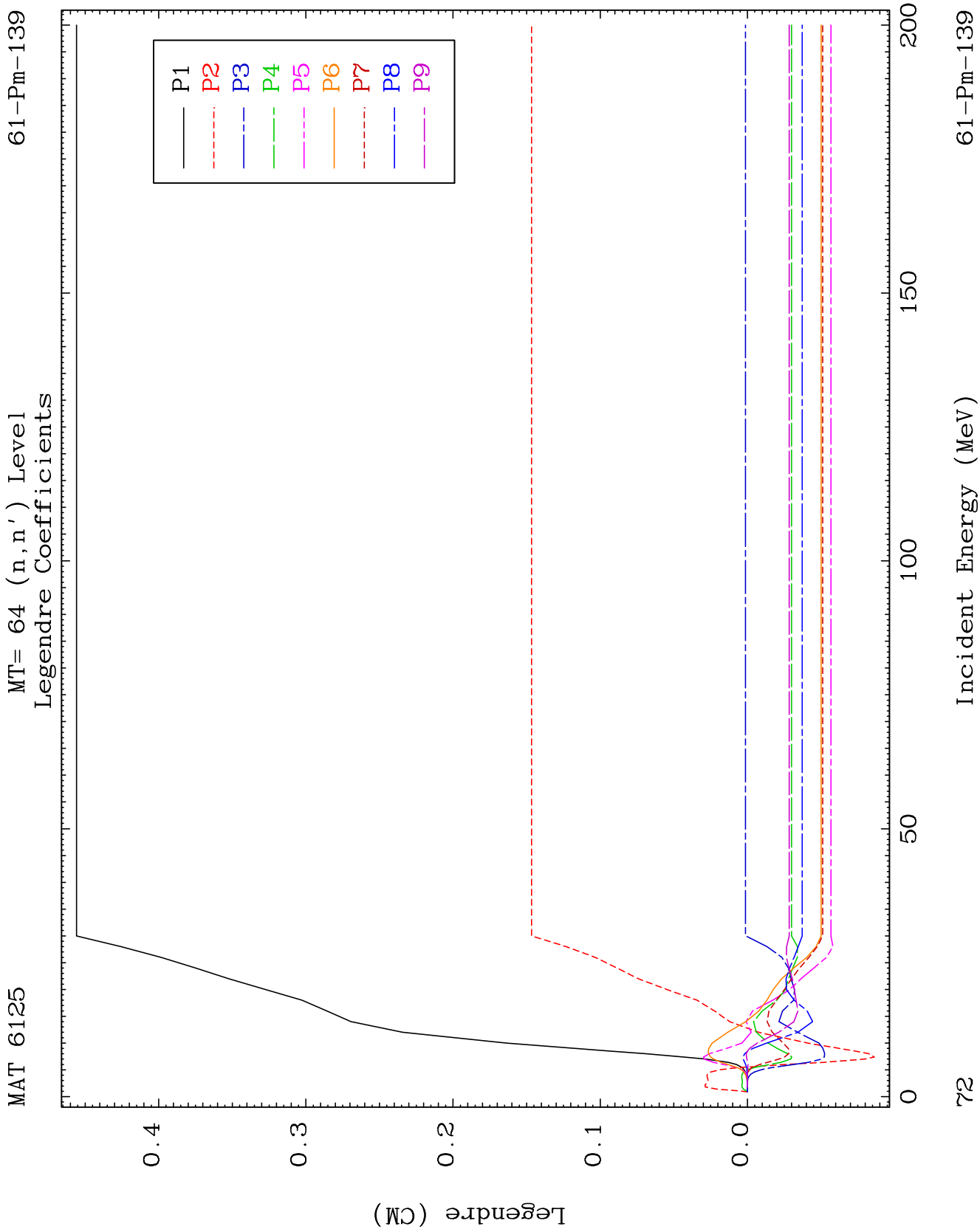
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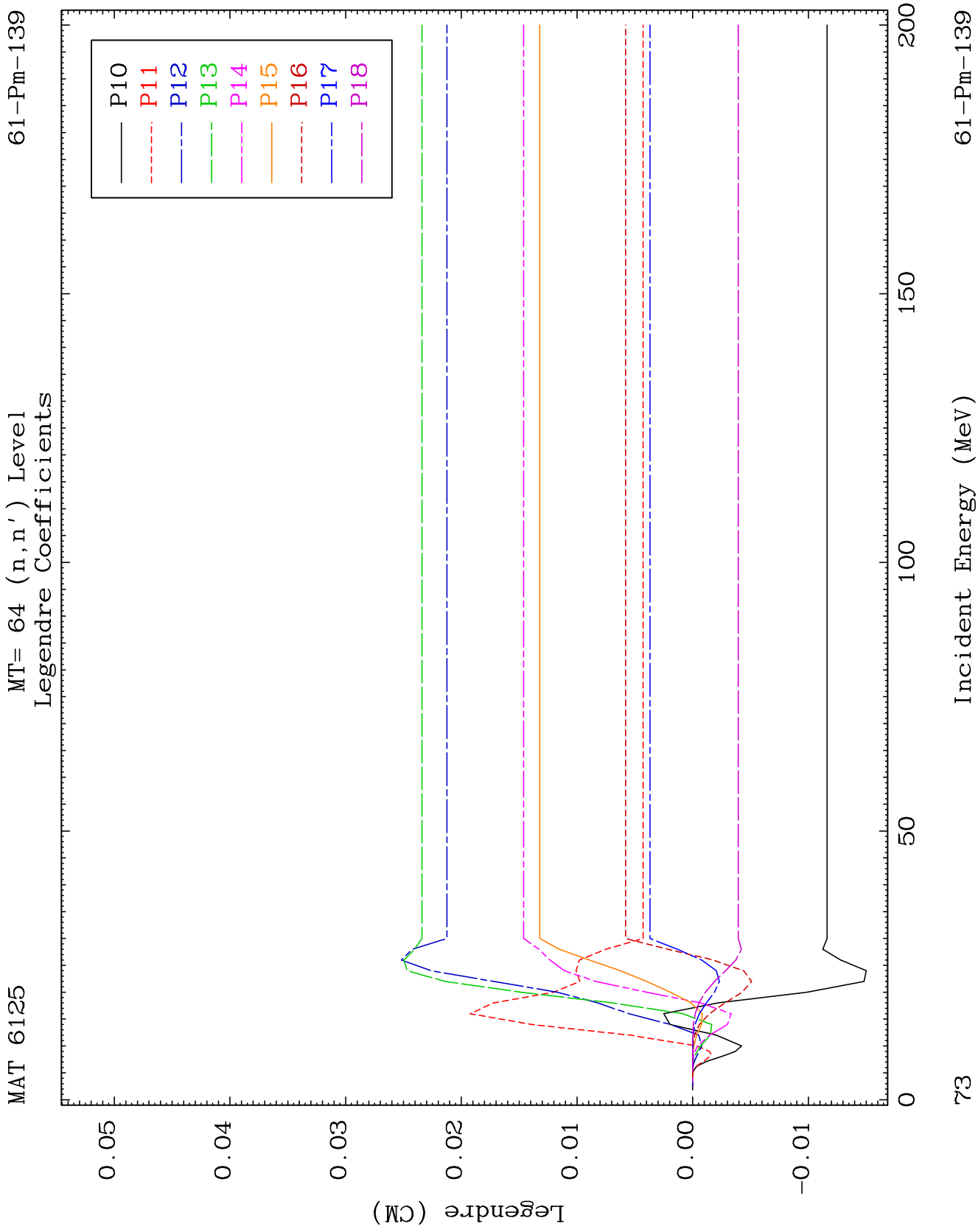


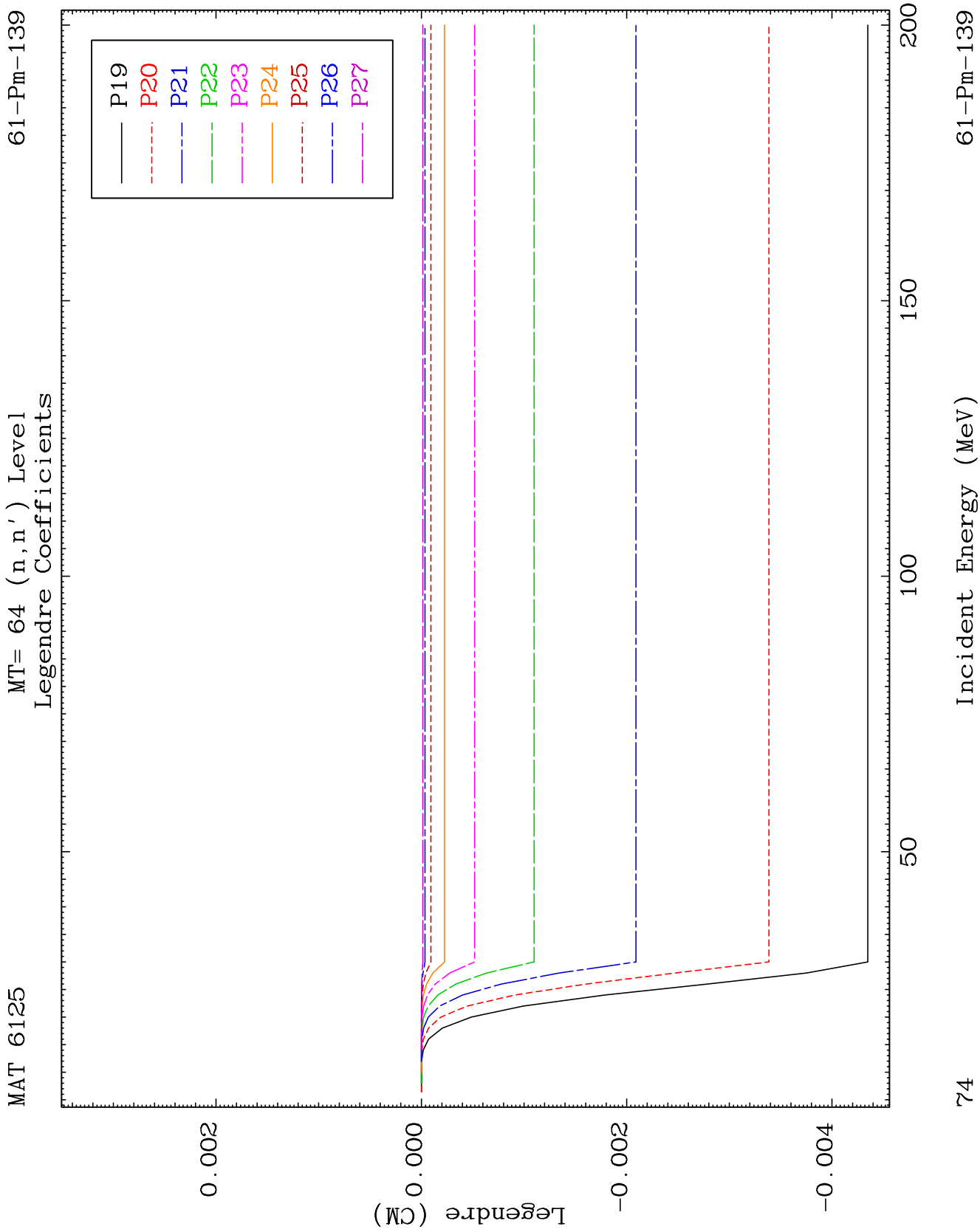


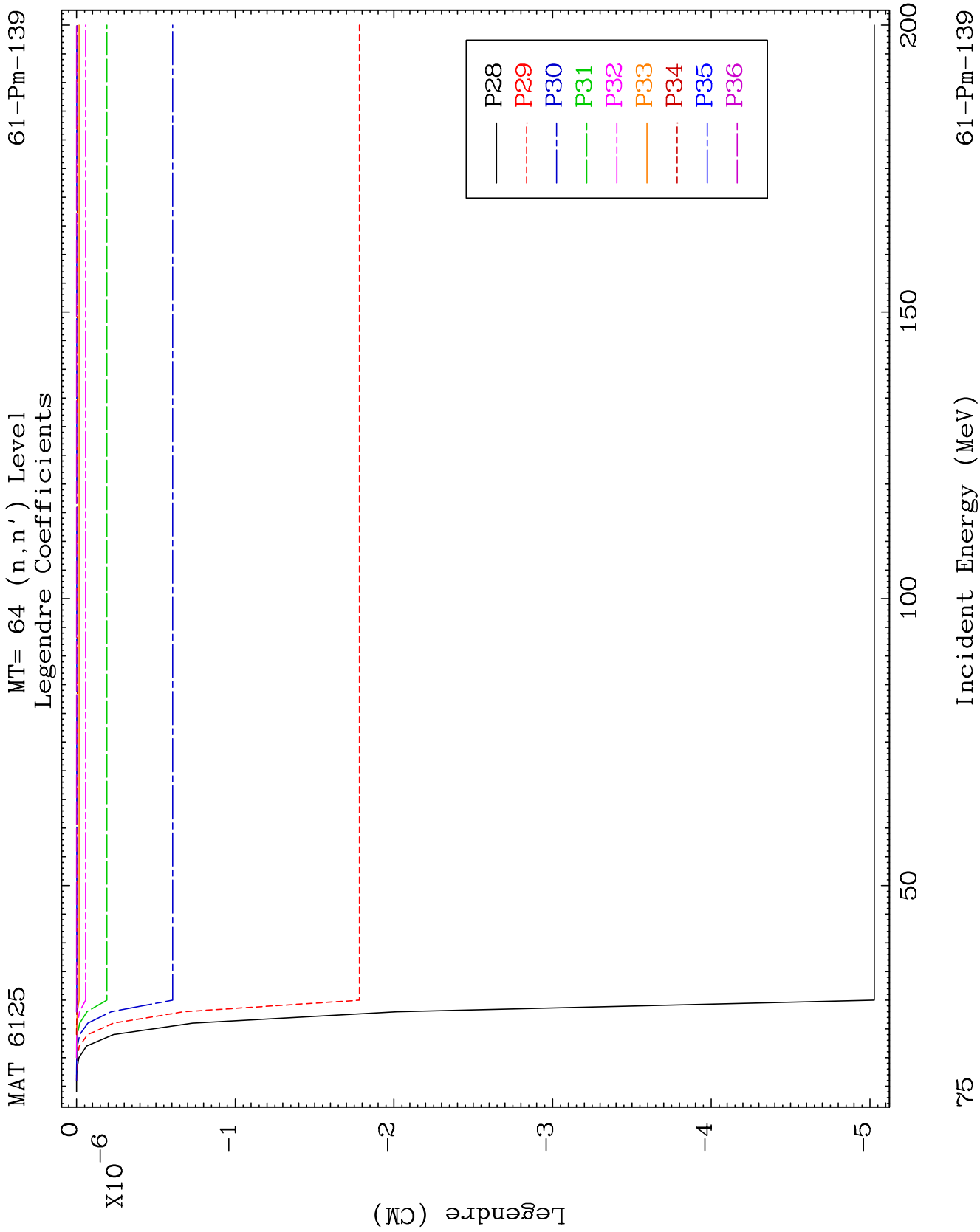


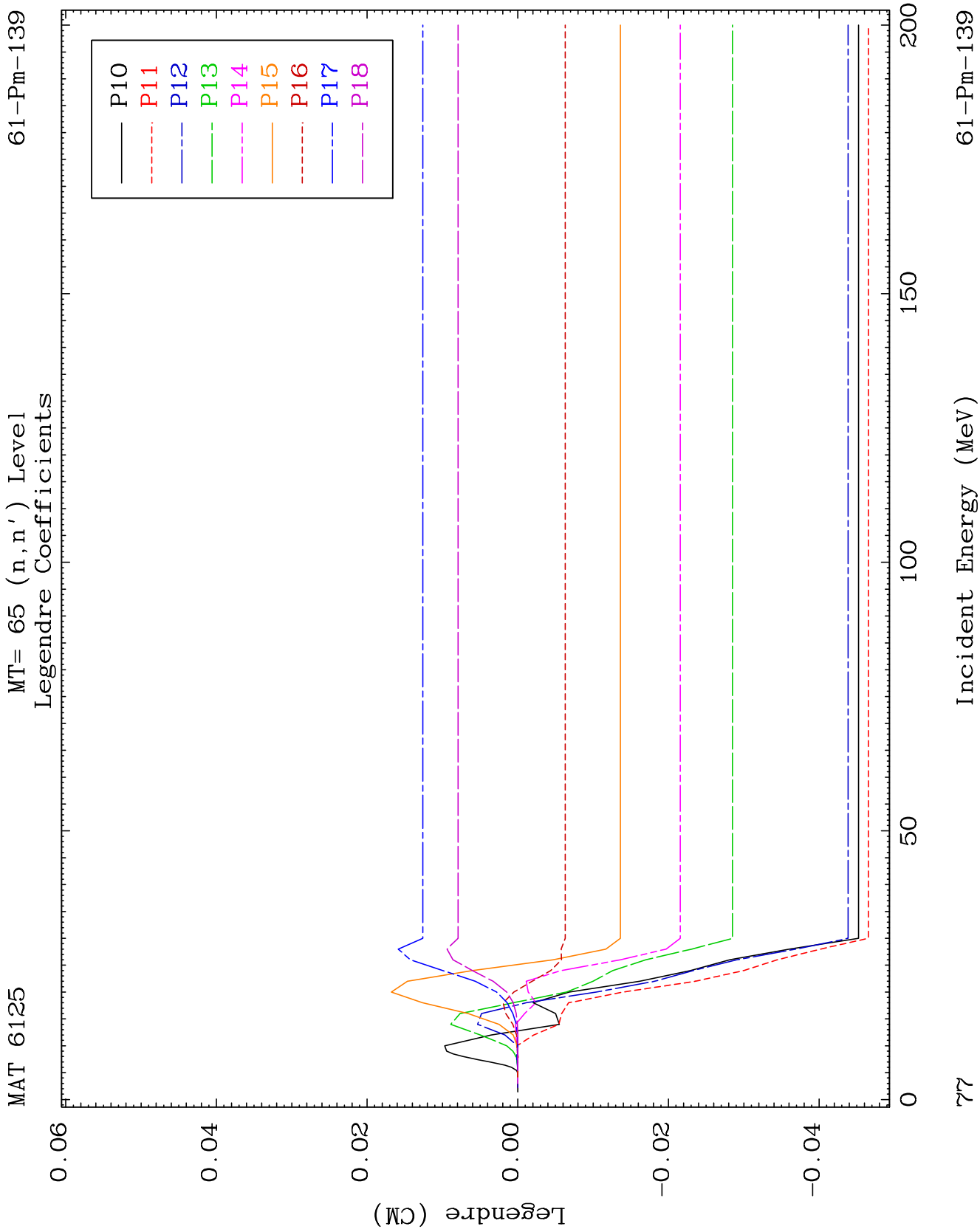








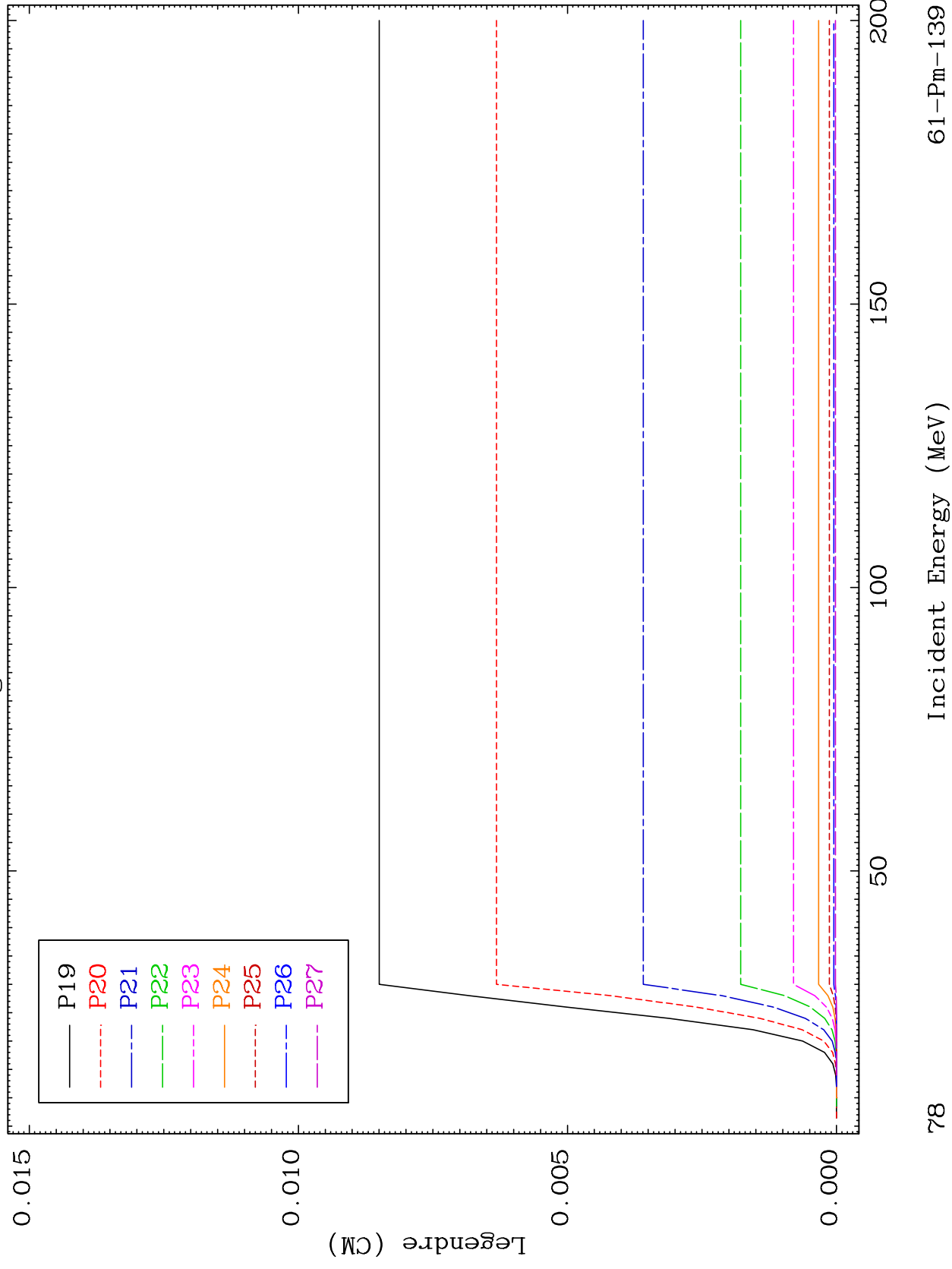


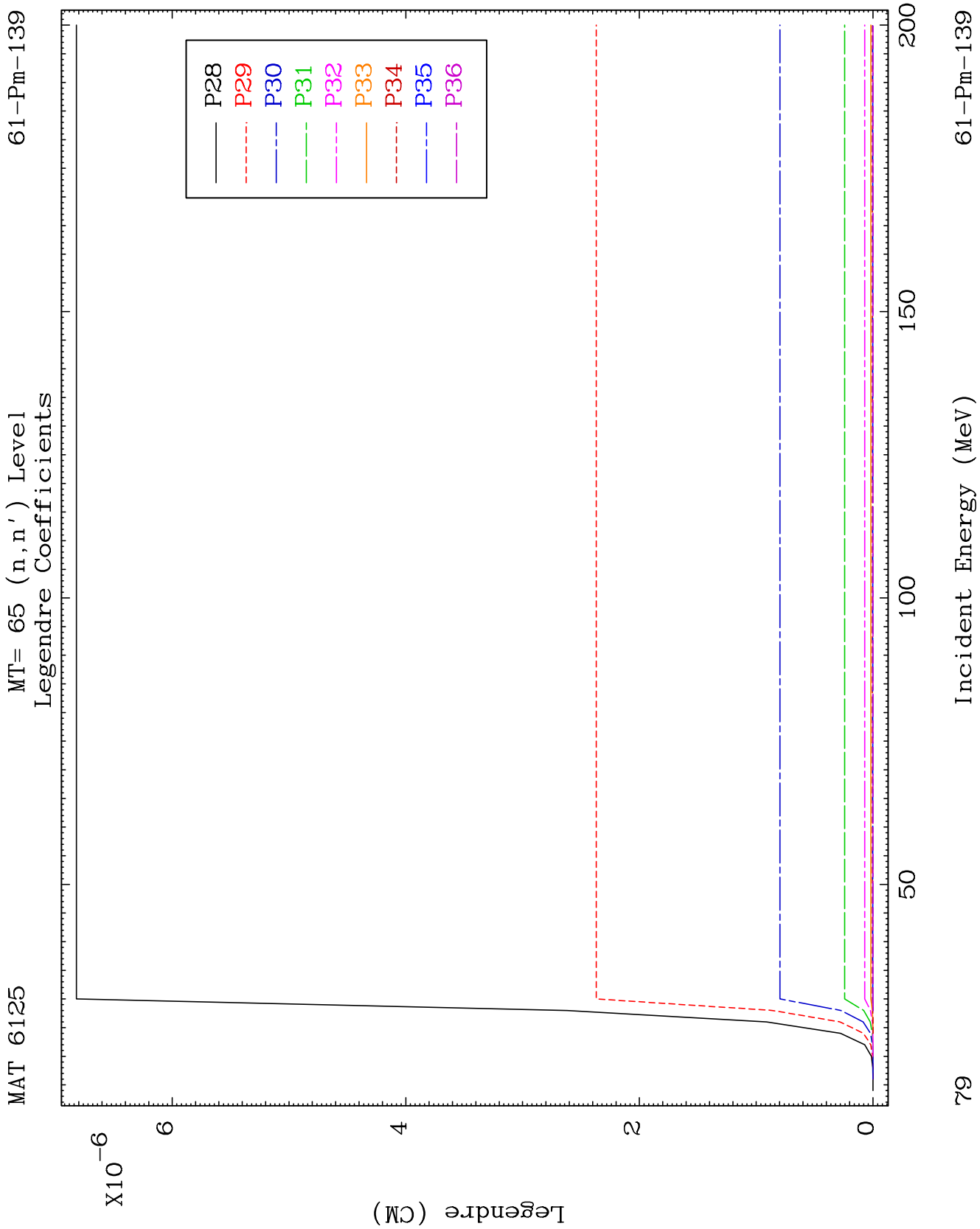


MAT 6125

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

61-Pm-139

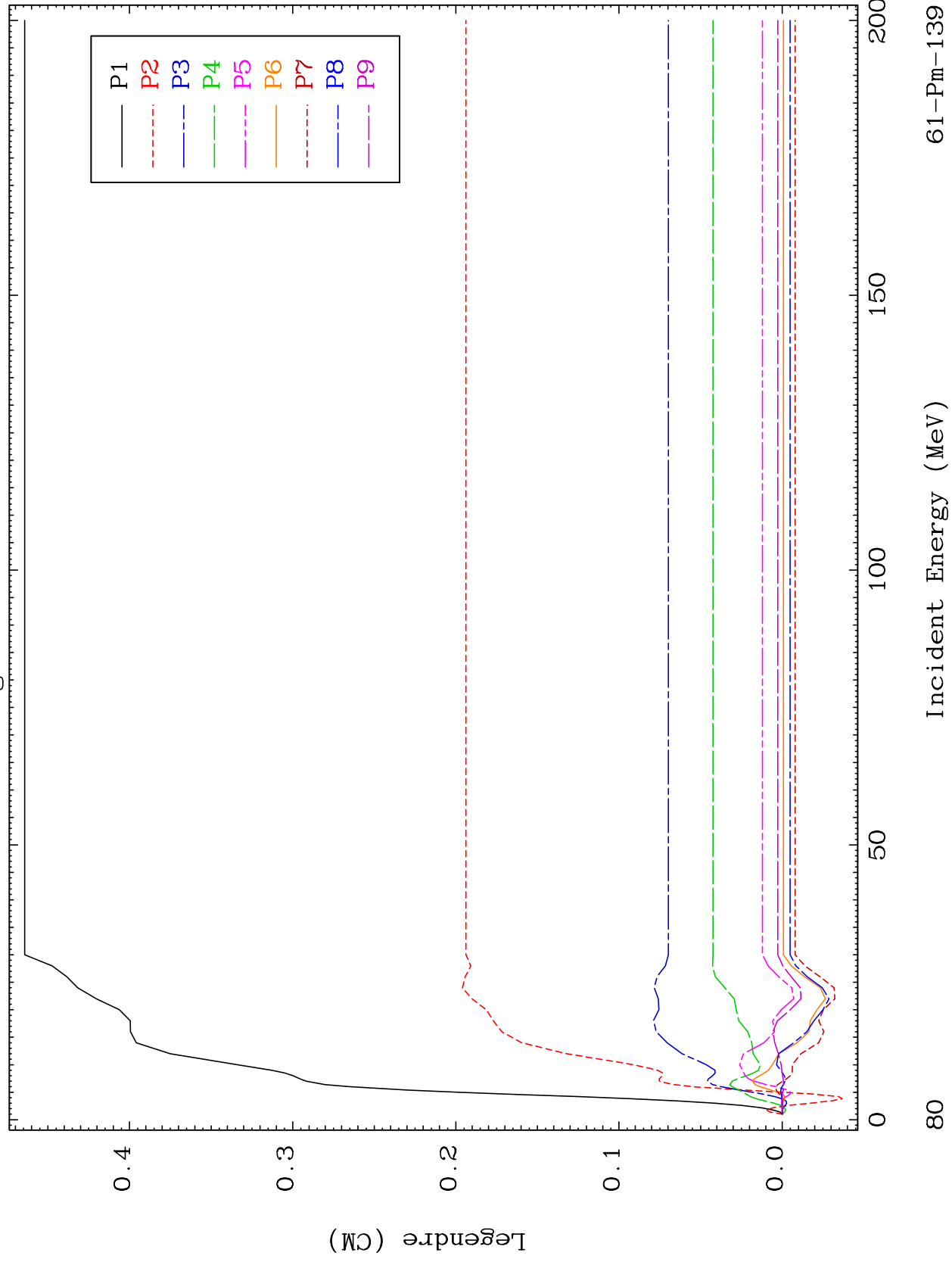


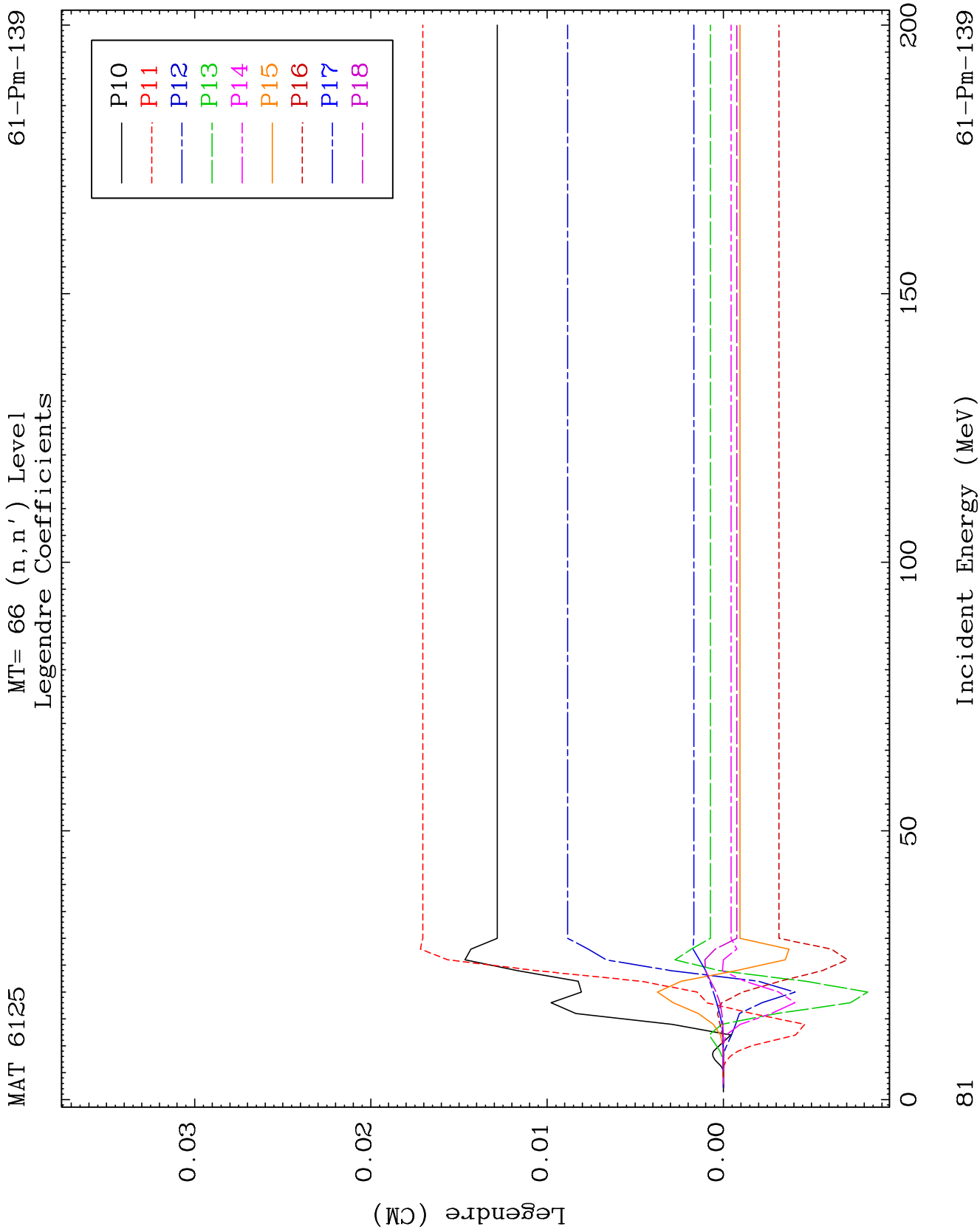


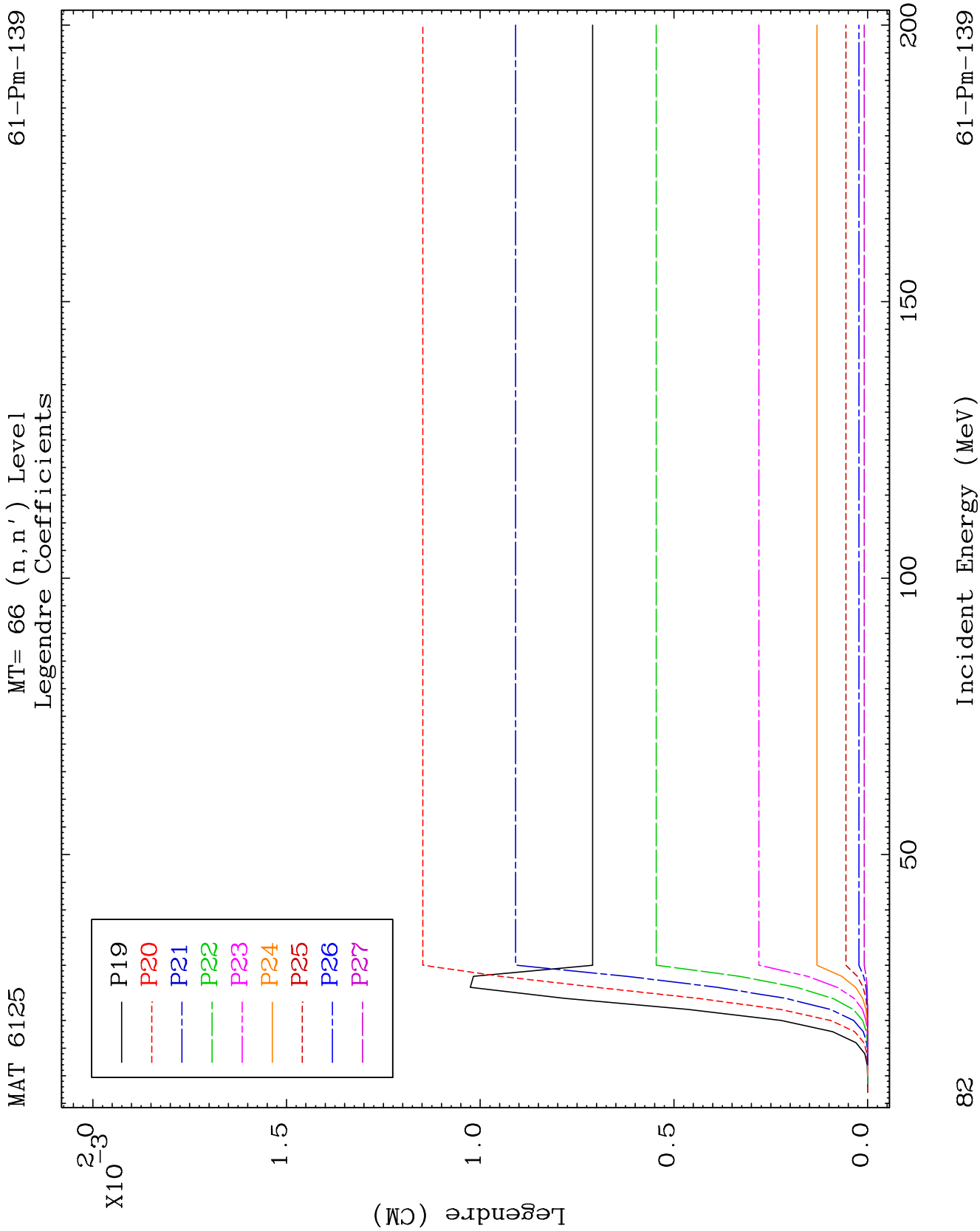
MAT 6125

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

61-Pm-139



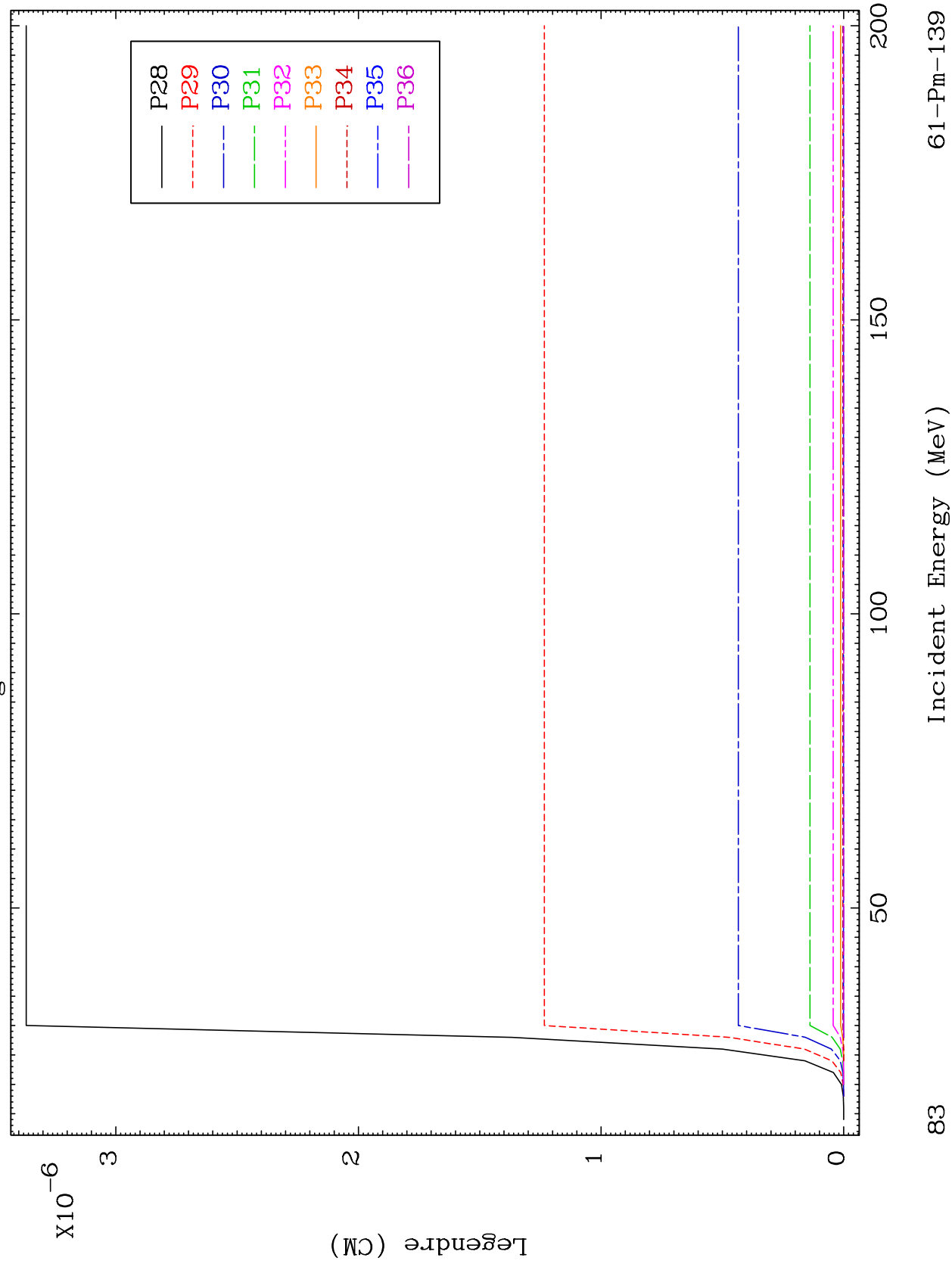


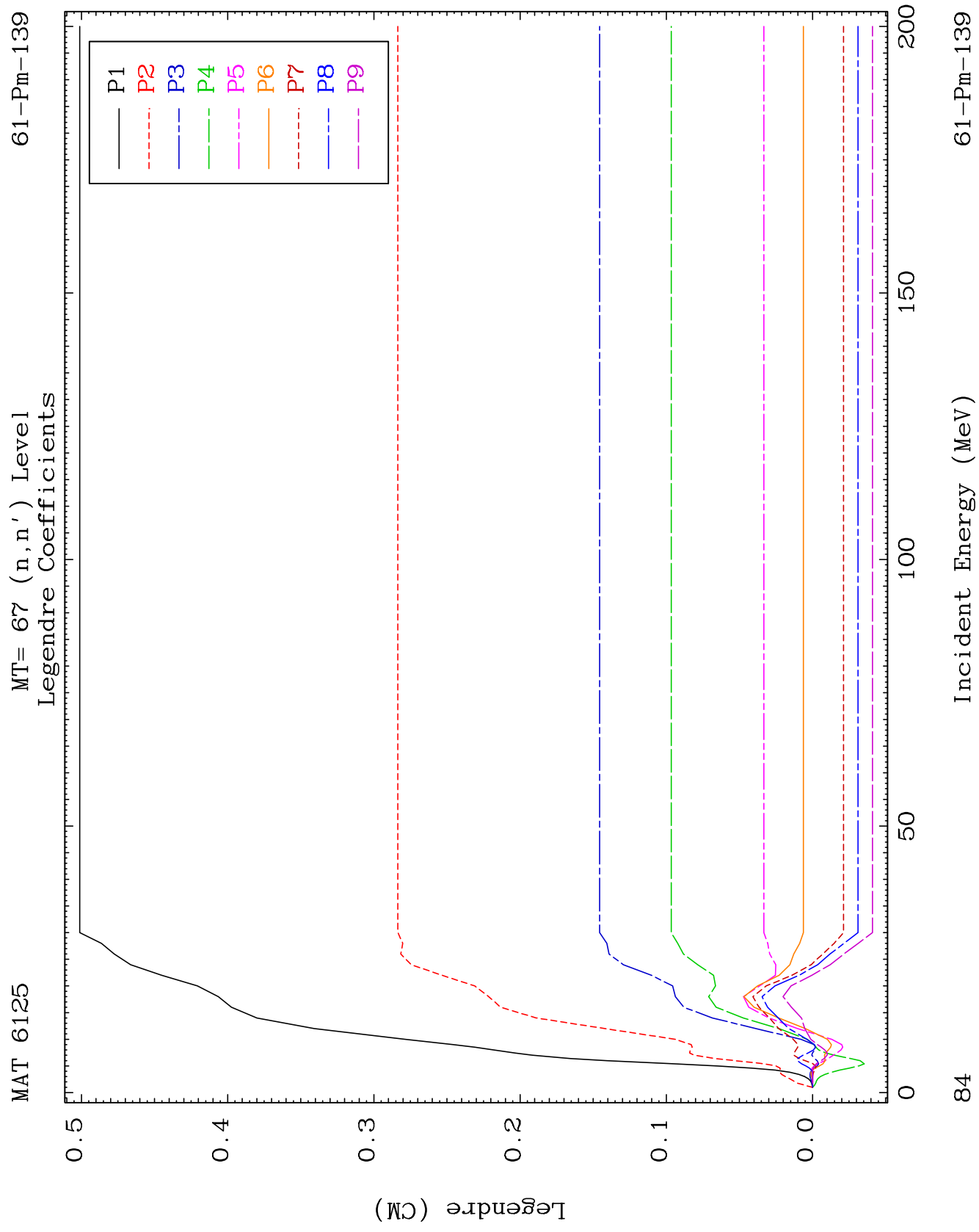


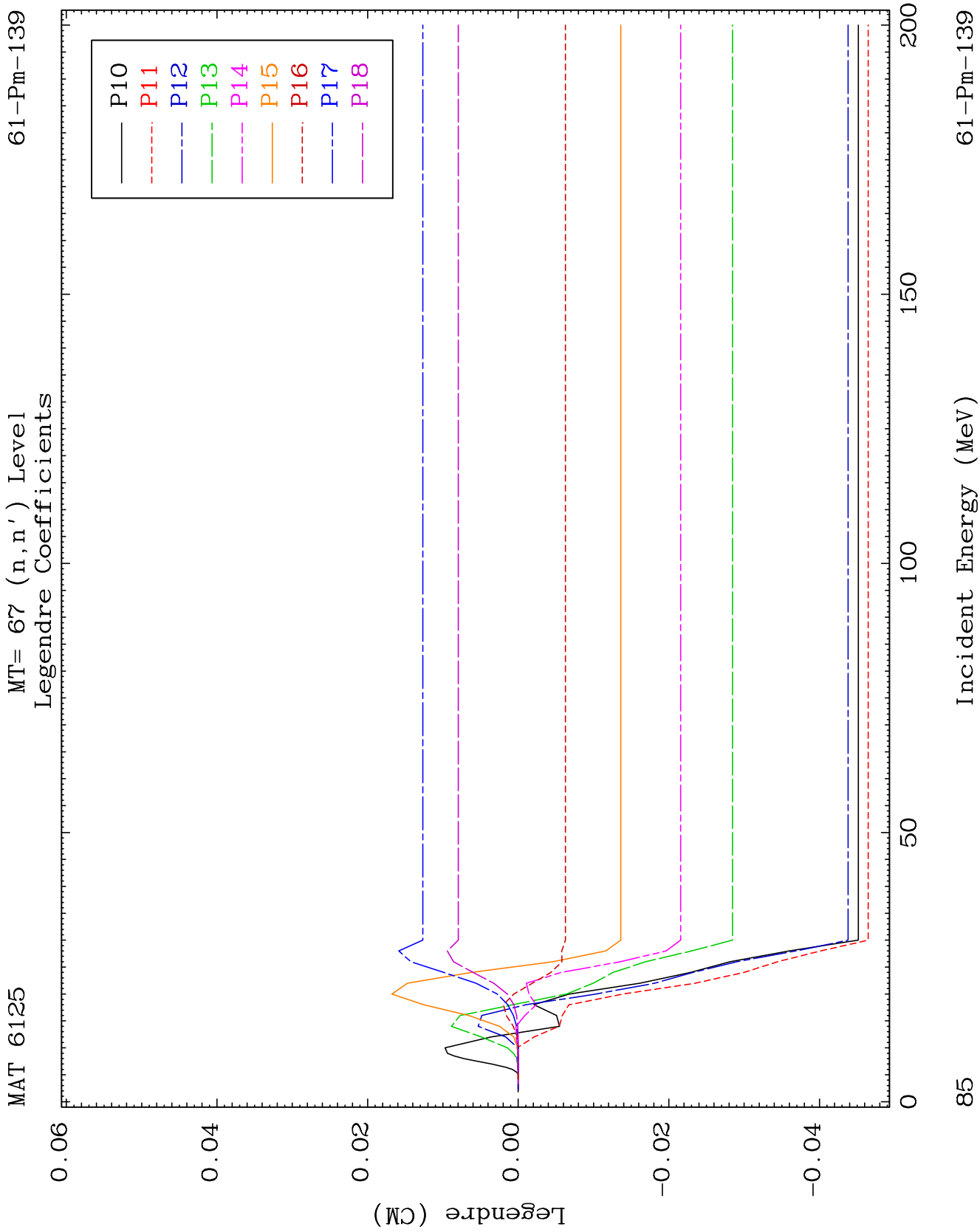
MAT 6125

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

61-Pm-139



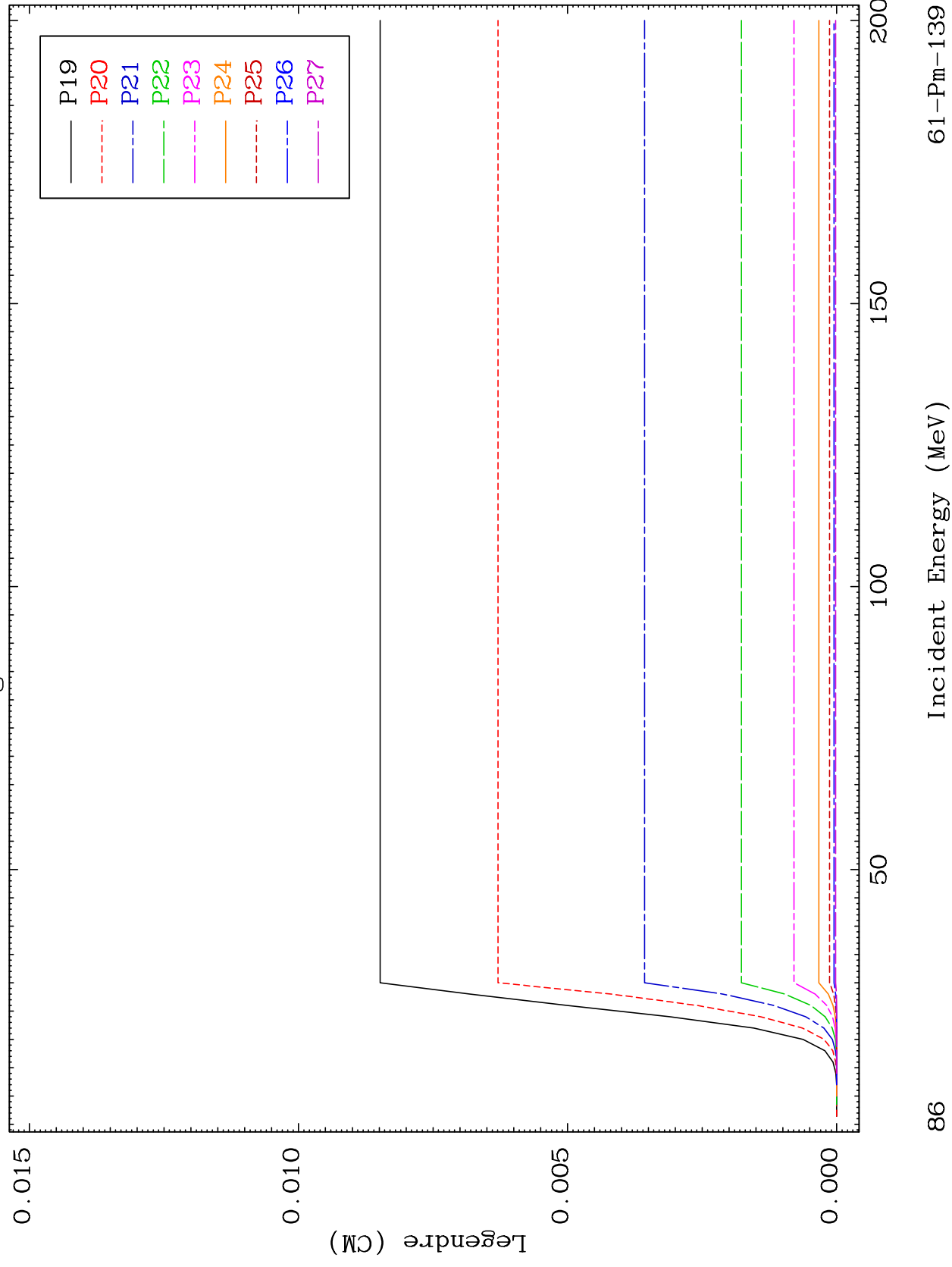


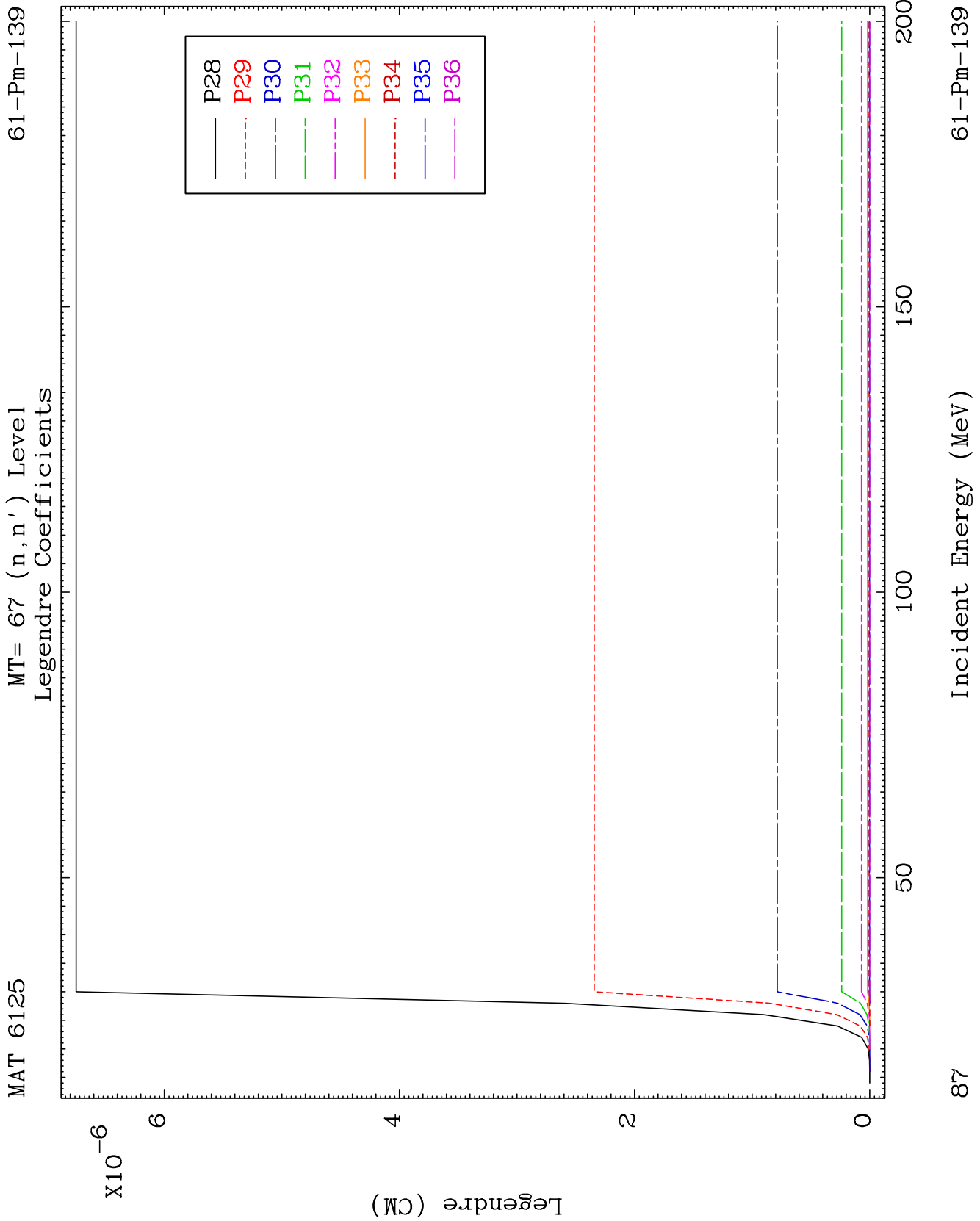


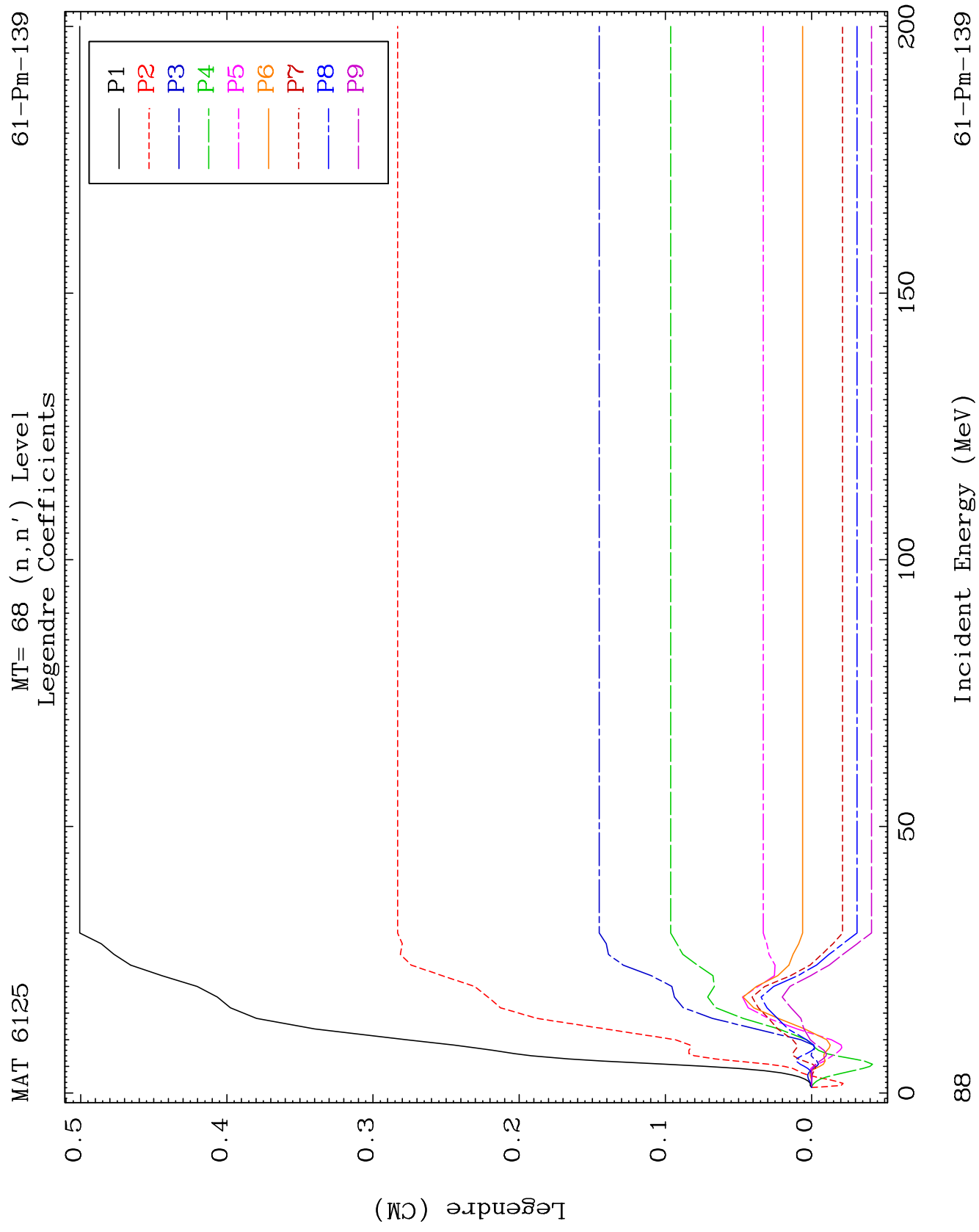
MAT 6125

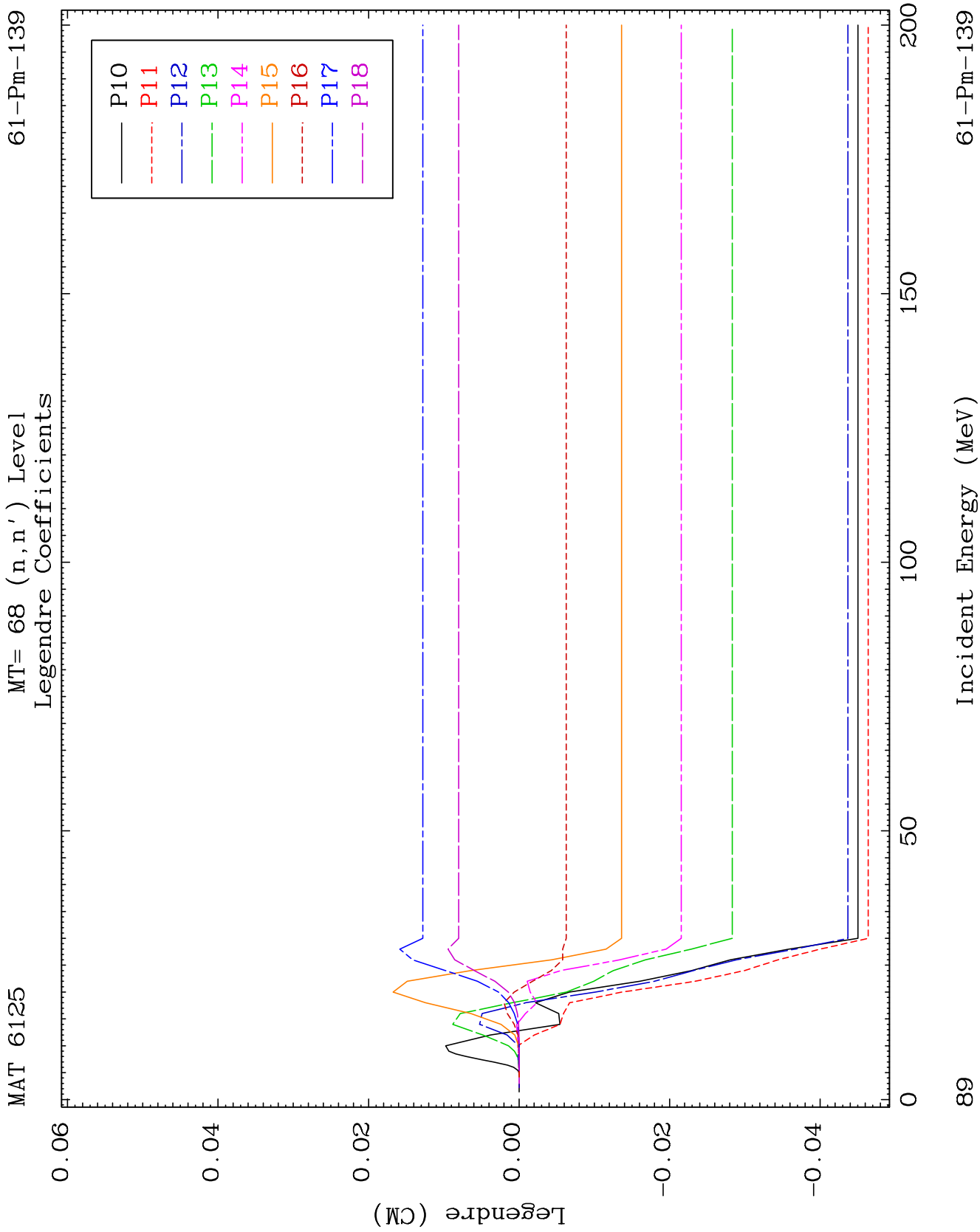
MT= 67 (n, n') Level
Legendre Coefficients

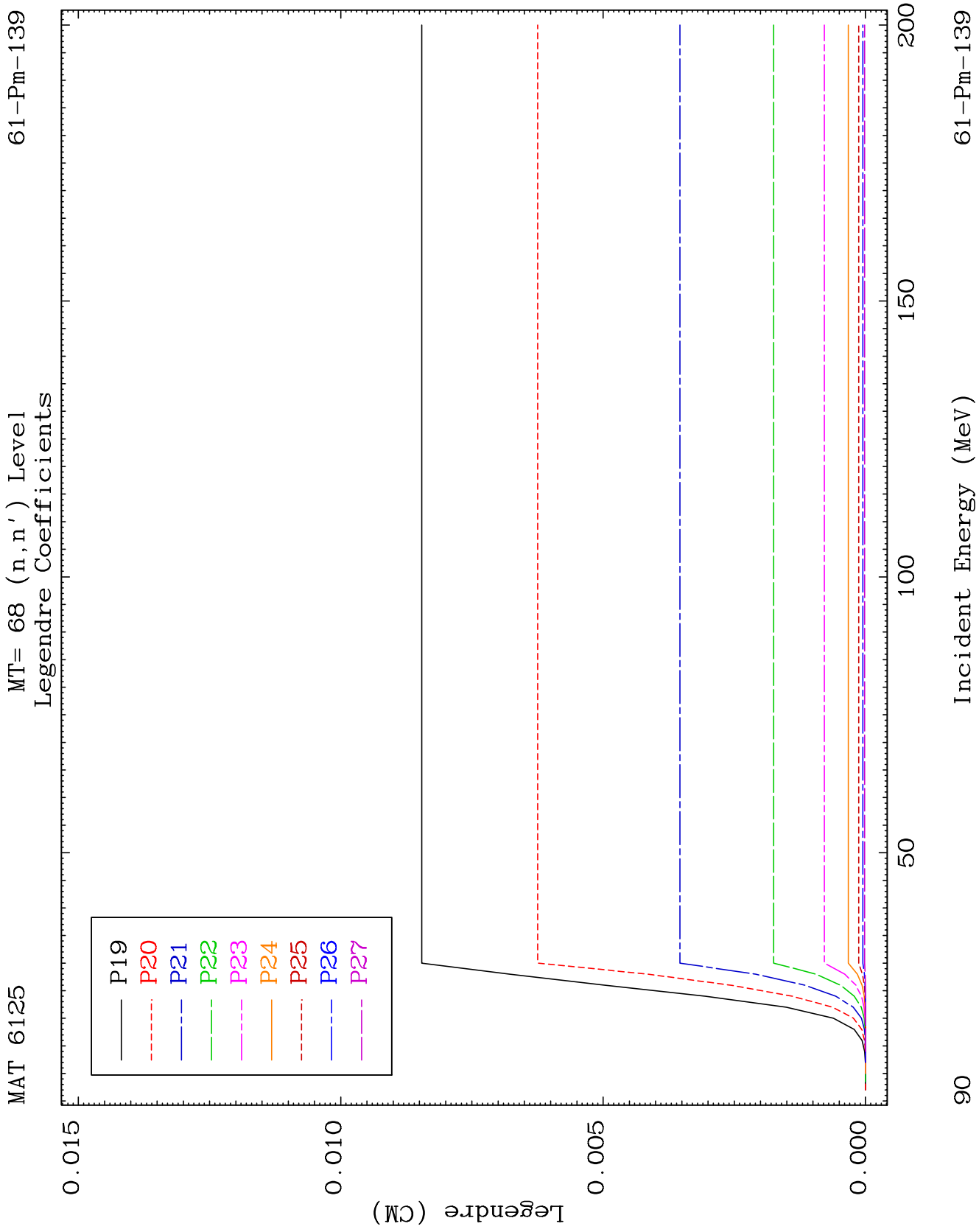
61-Pm-139

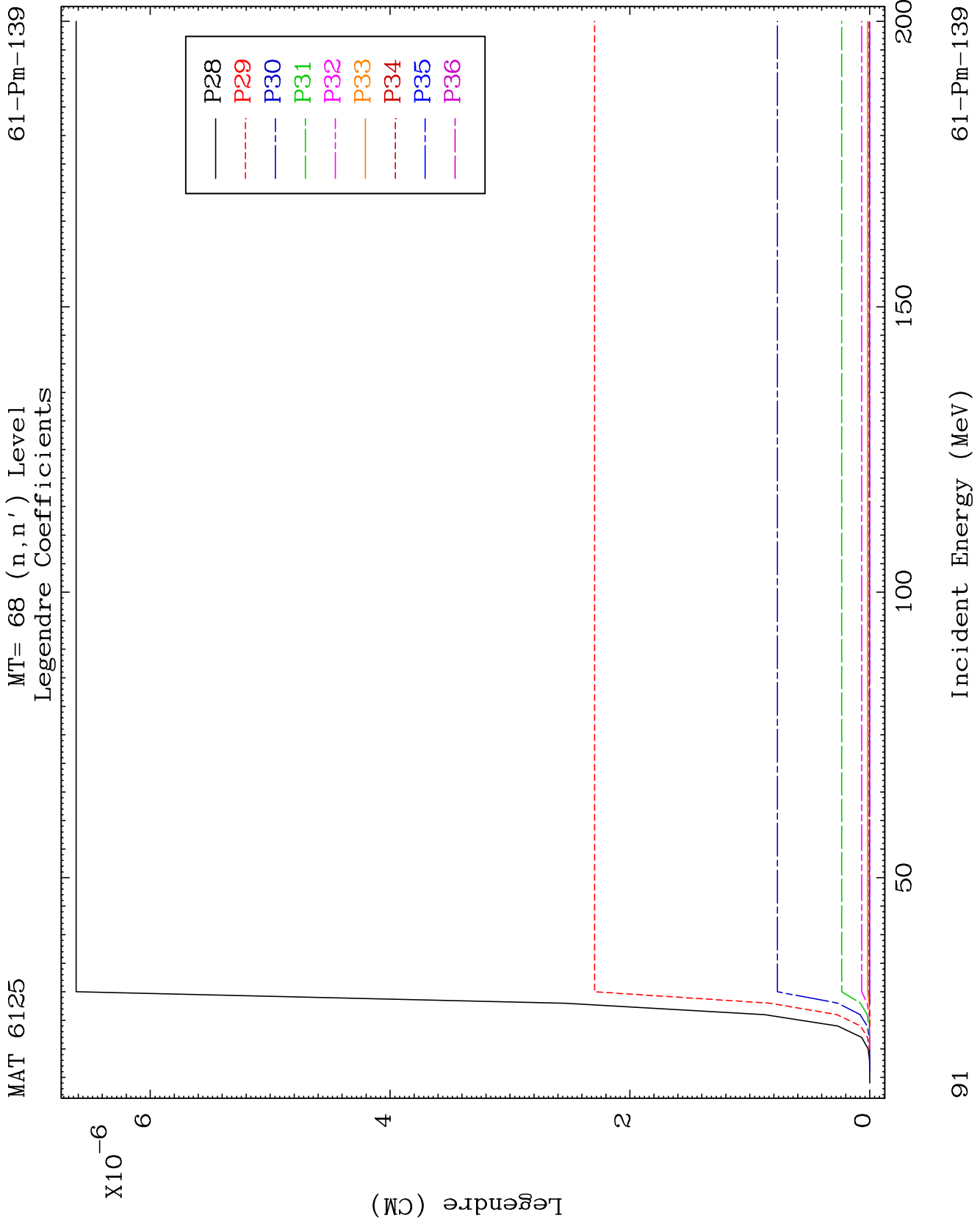








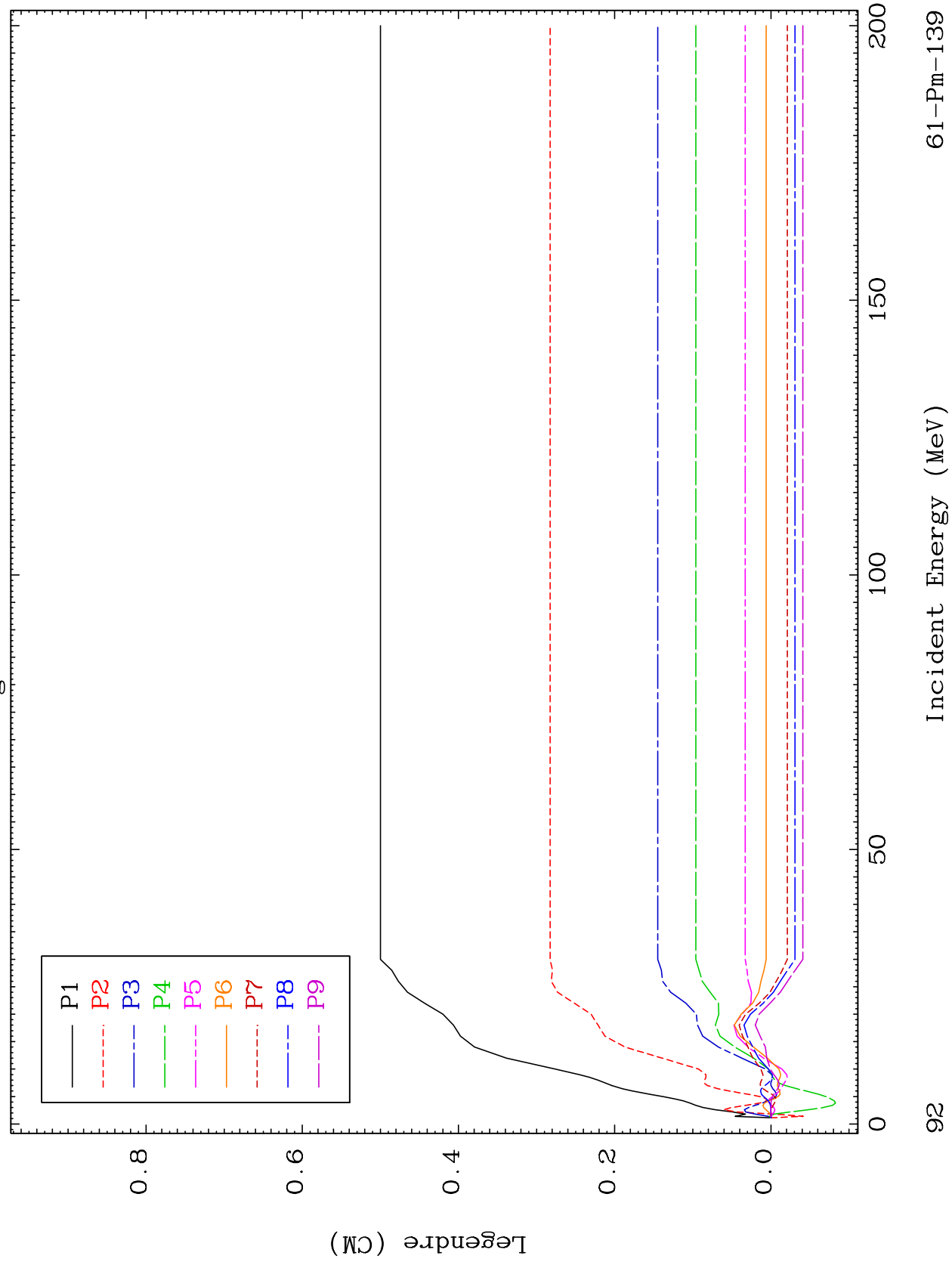


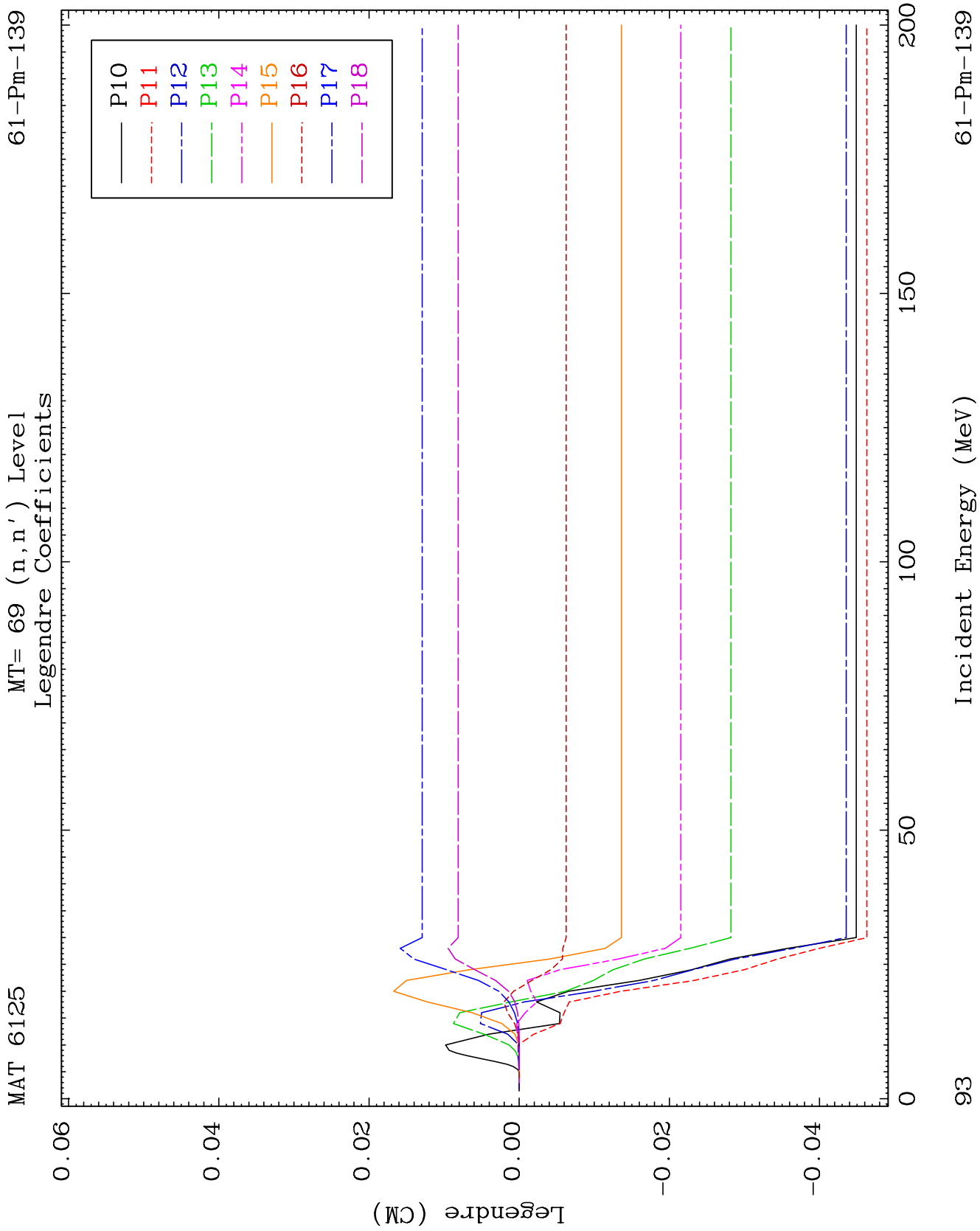


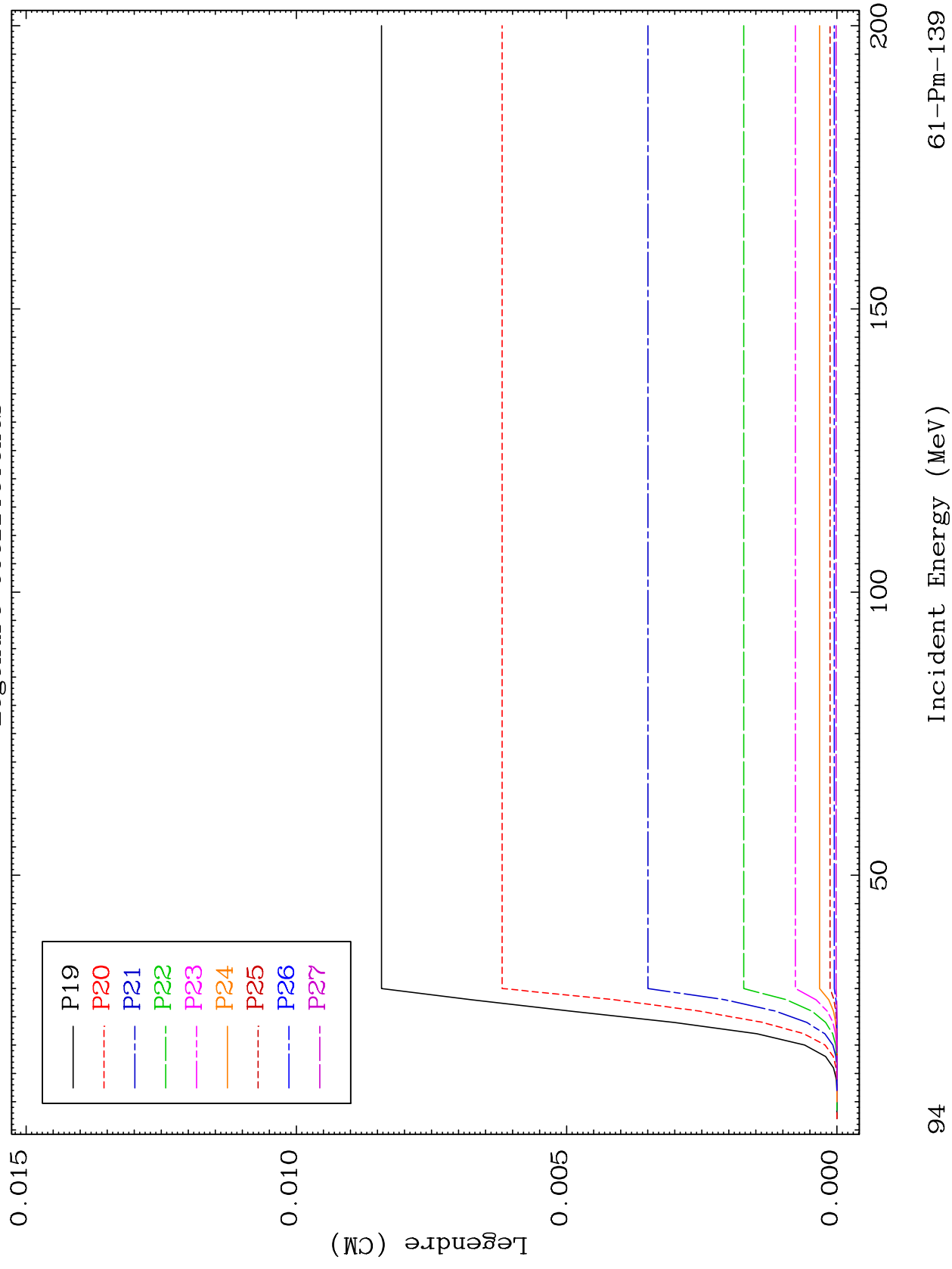
MAT 6125

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

61-Pm-139



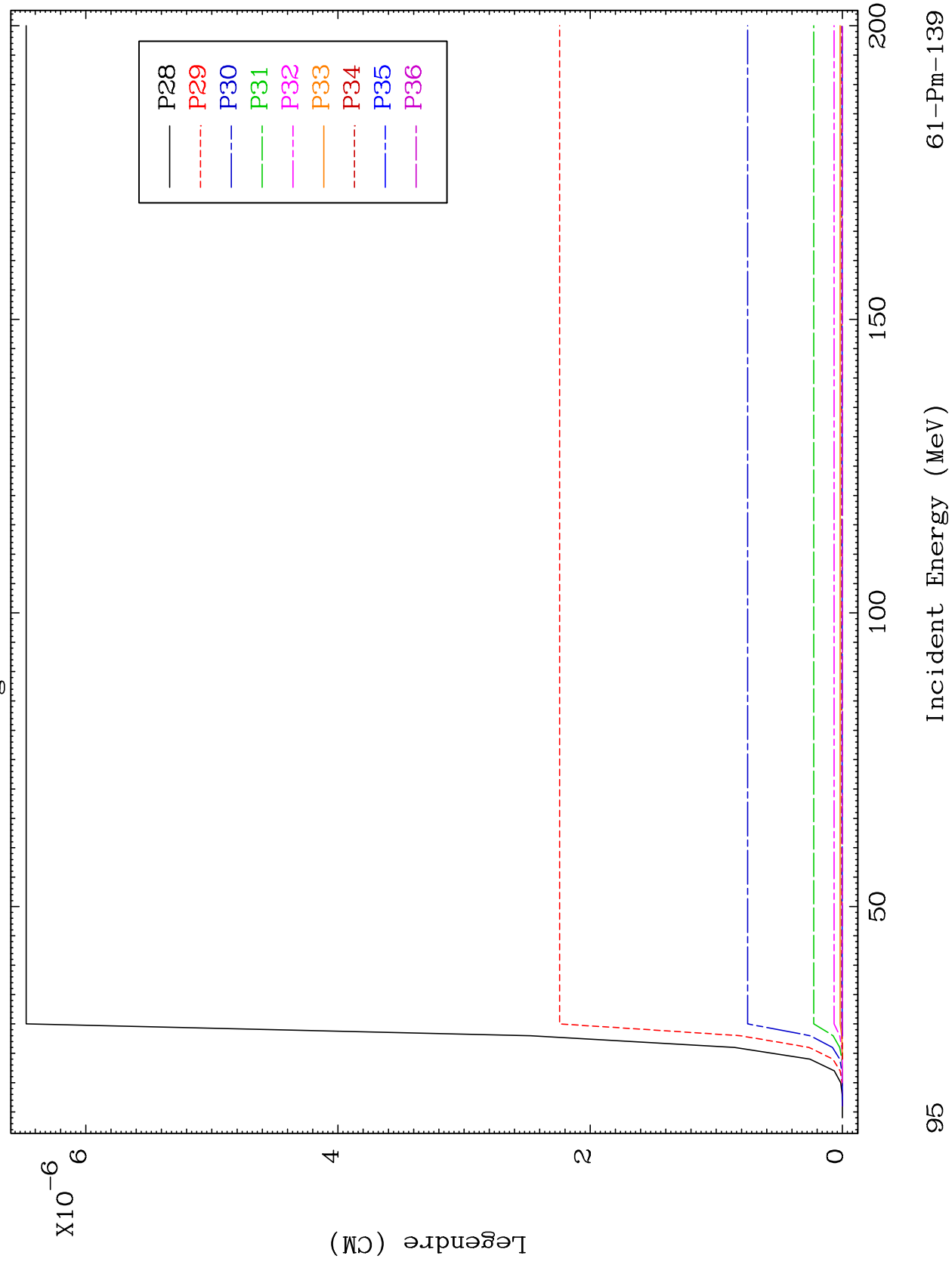


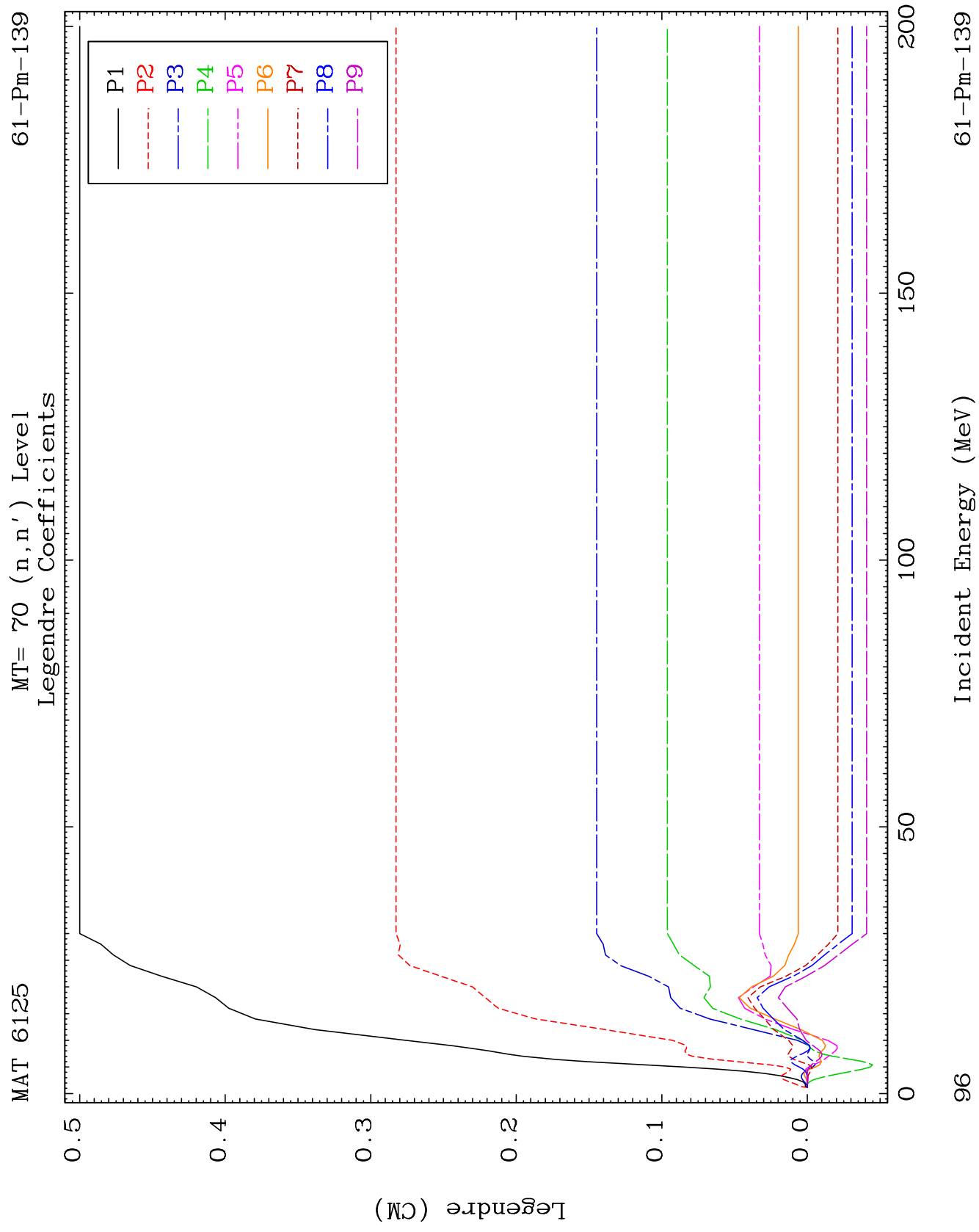


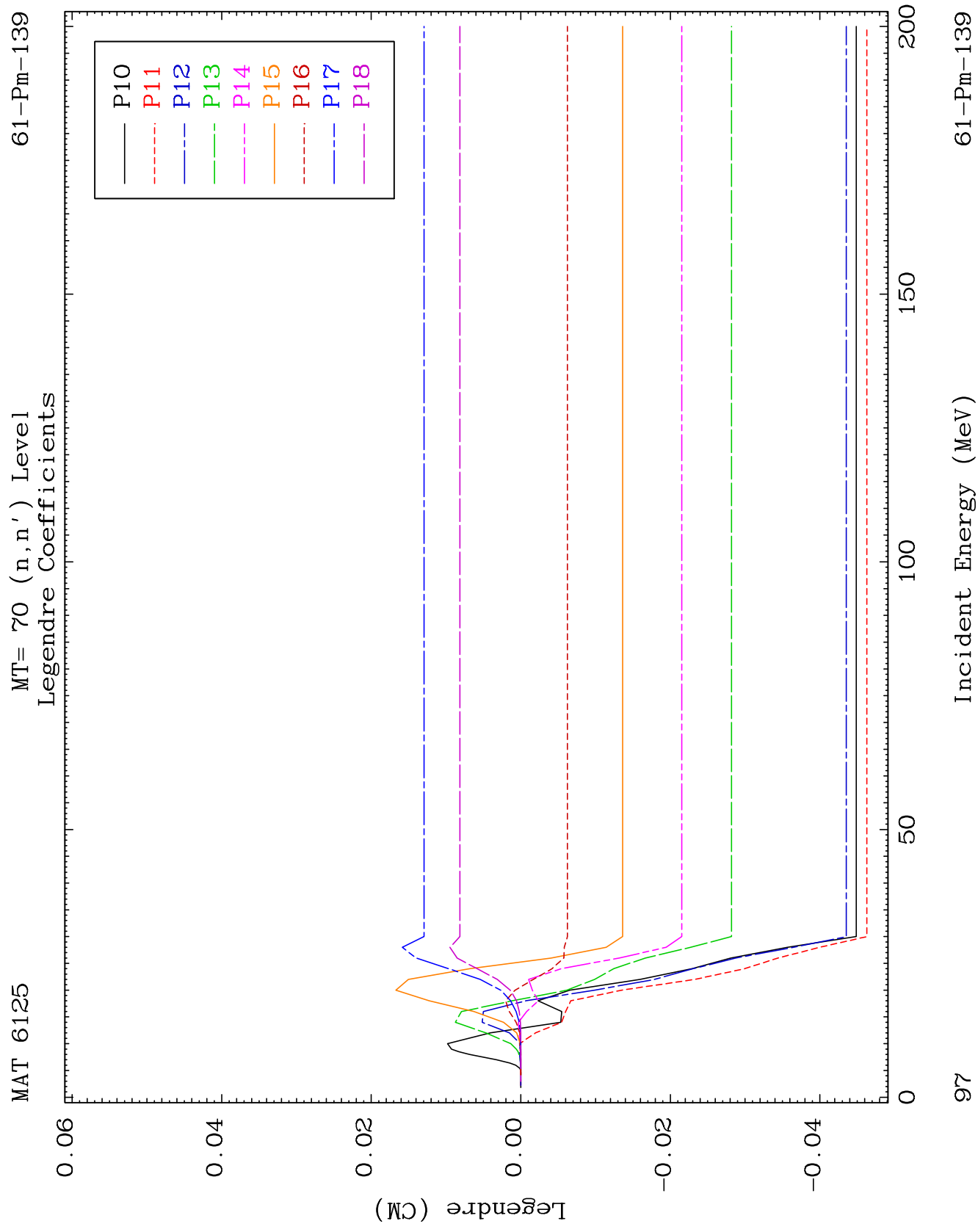
MAT 6125

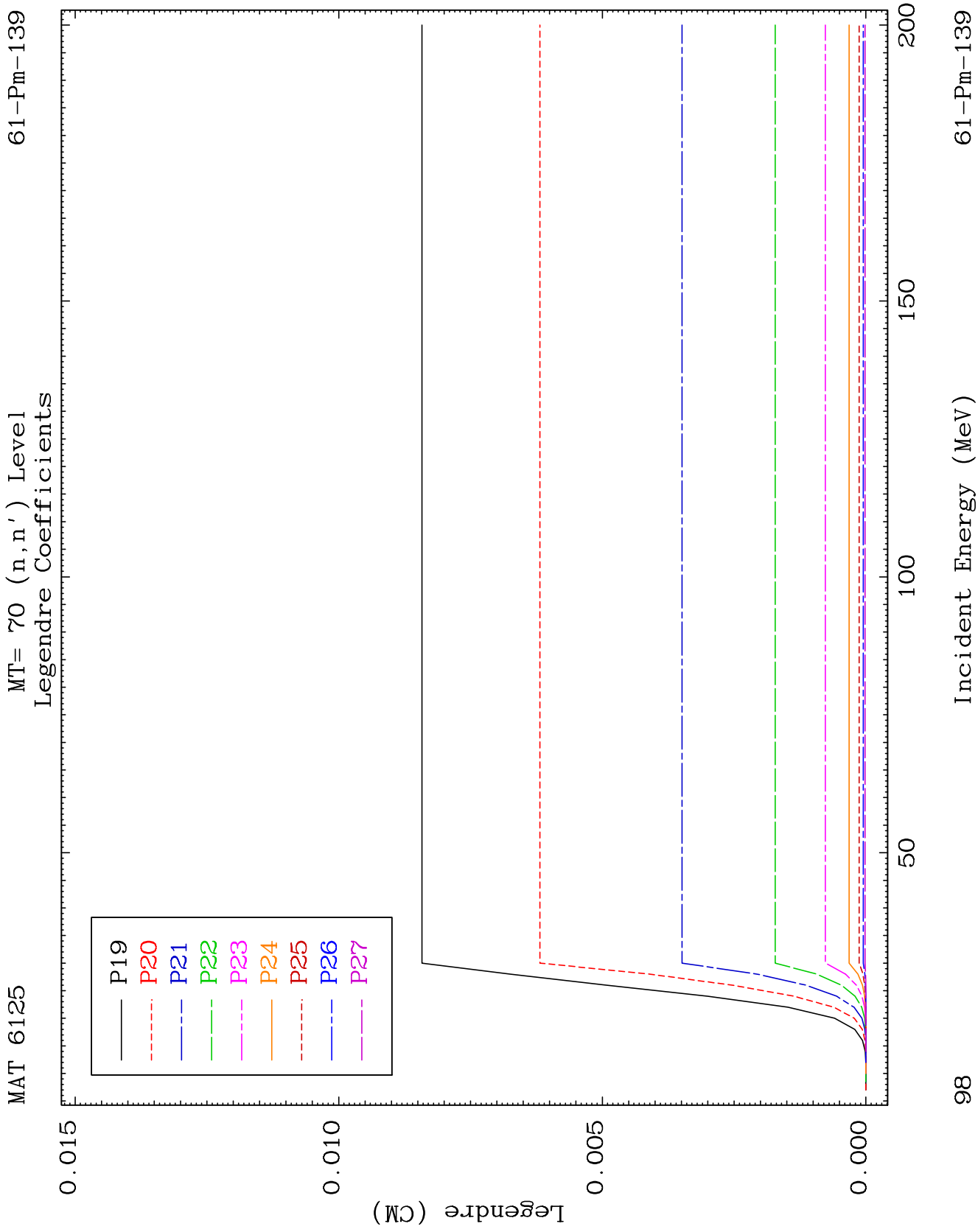
MT= 69 (n, n') Level
Legendre Coefficients

61-Pm-139





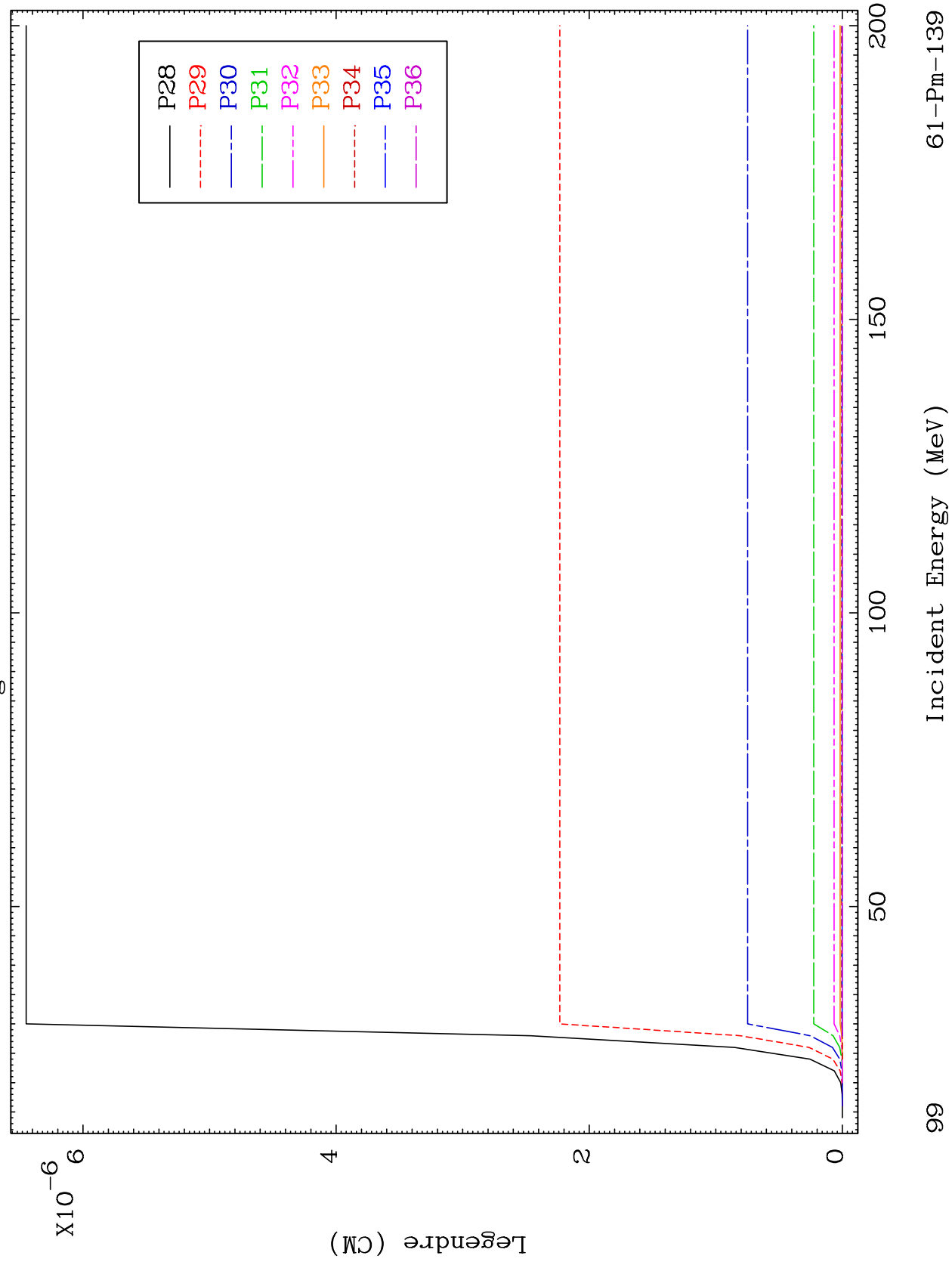


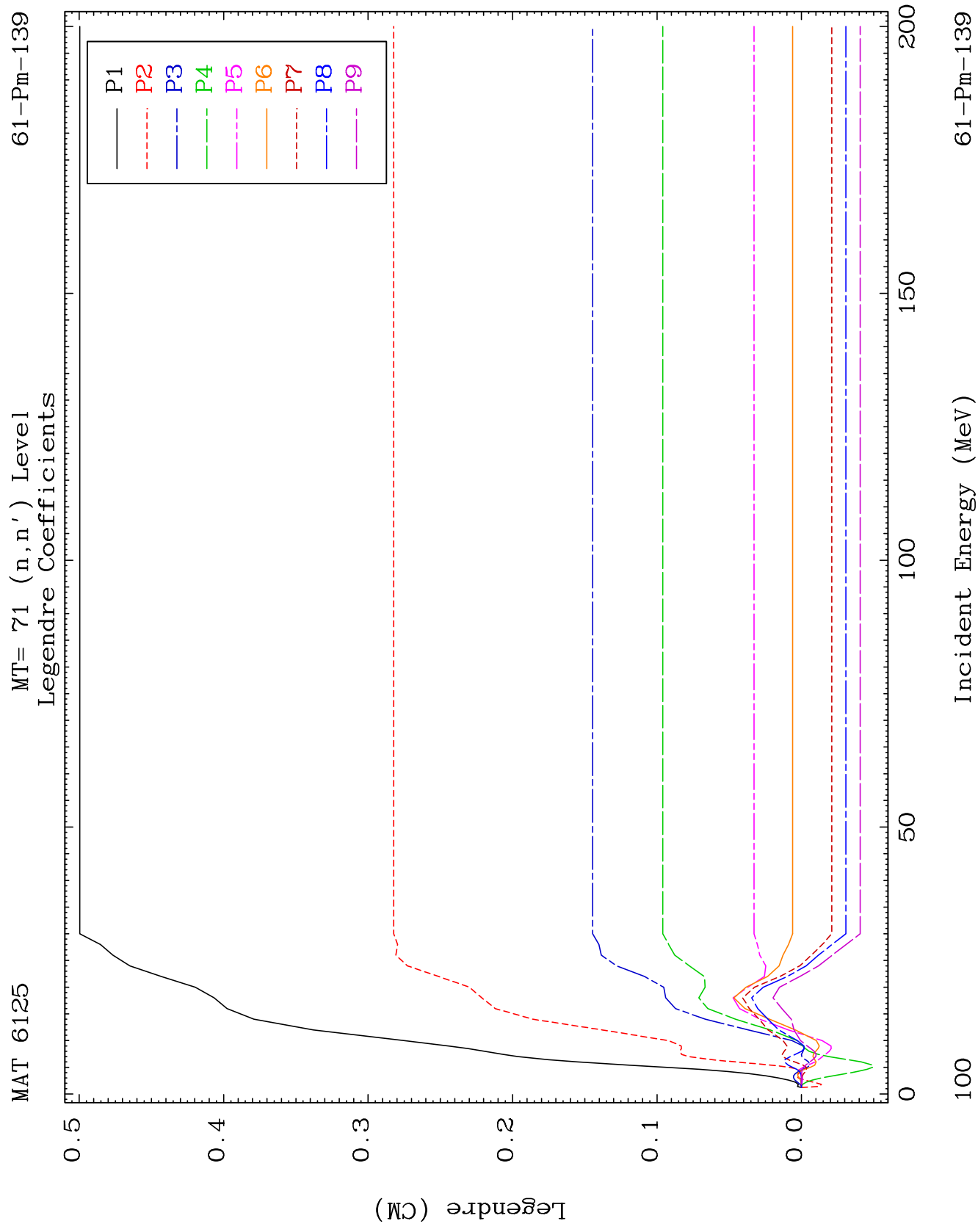


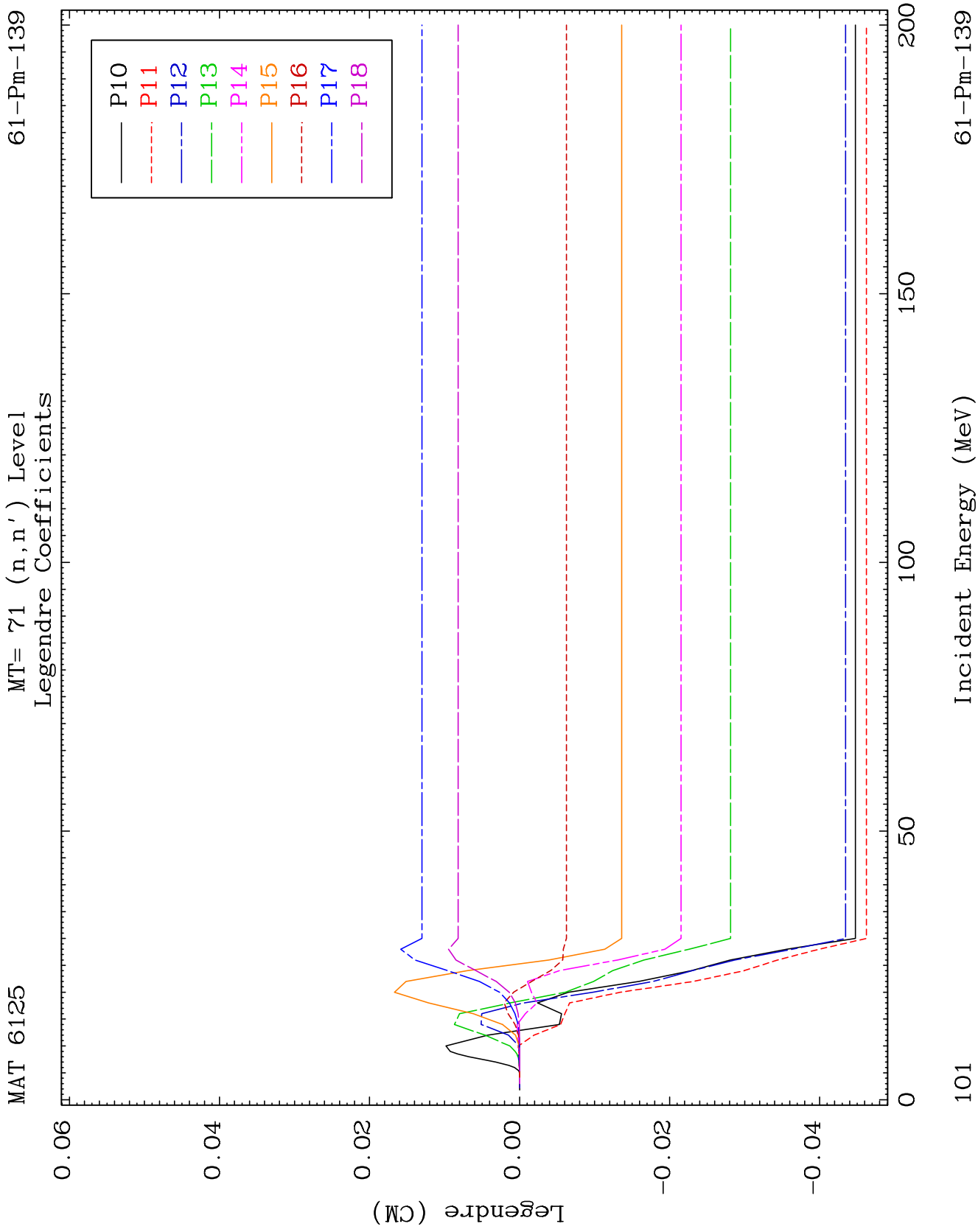
MAT 6125

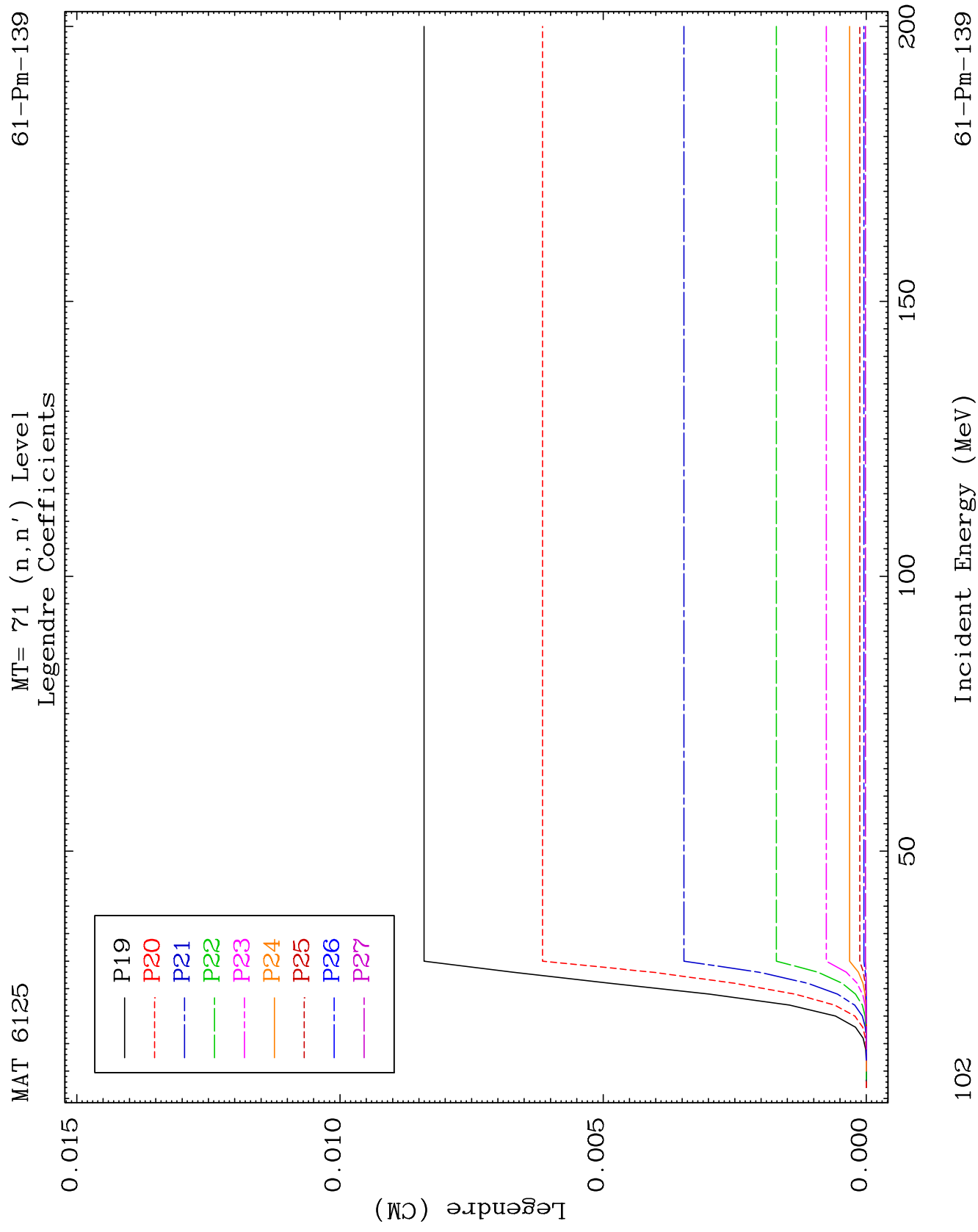
MT= 70 (n, n') Level
Legendre Coefficients

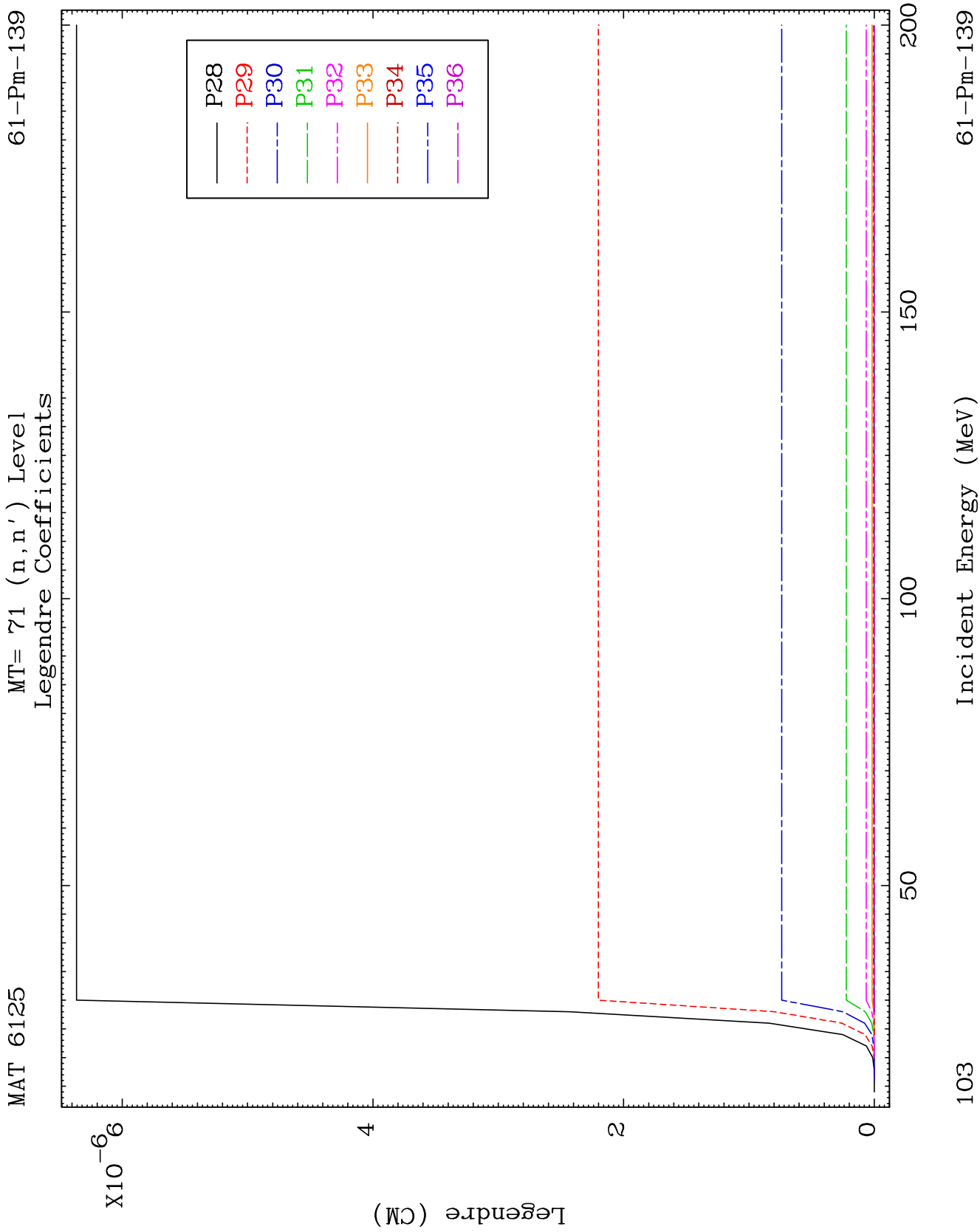
61-Pm-139

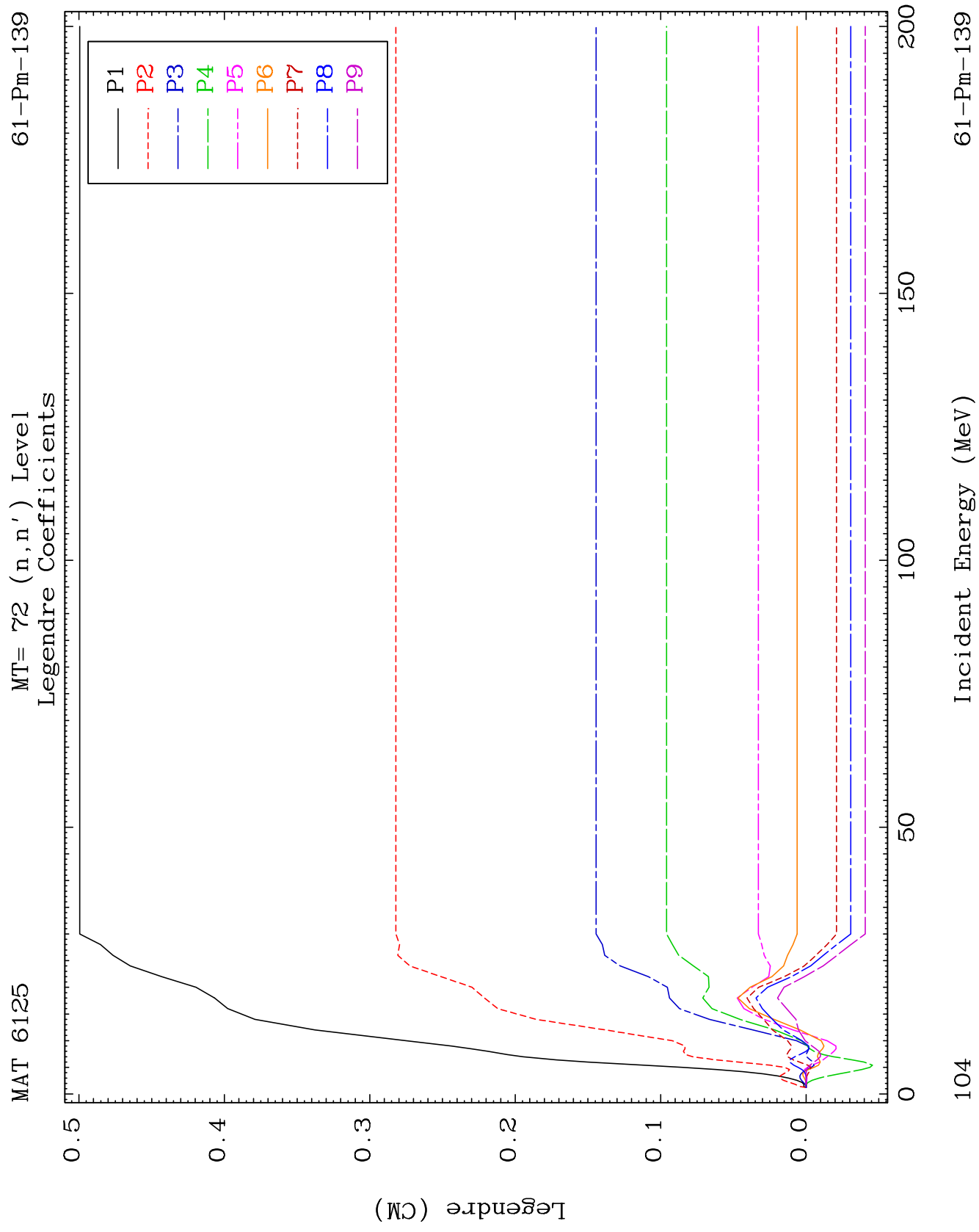


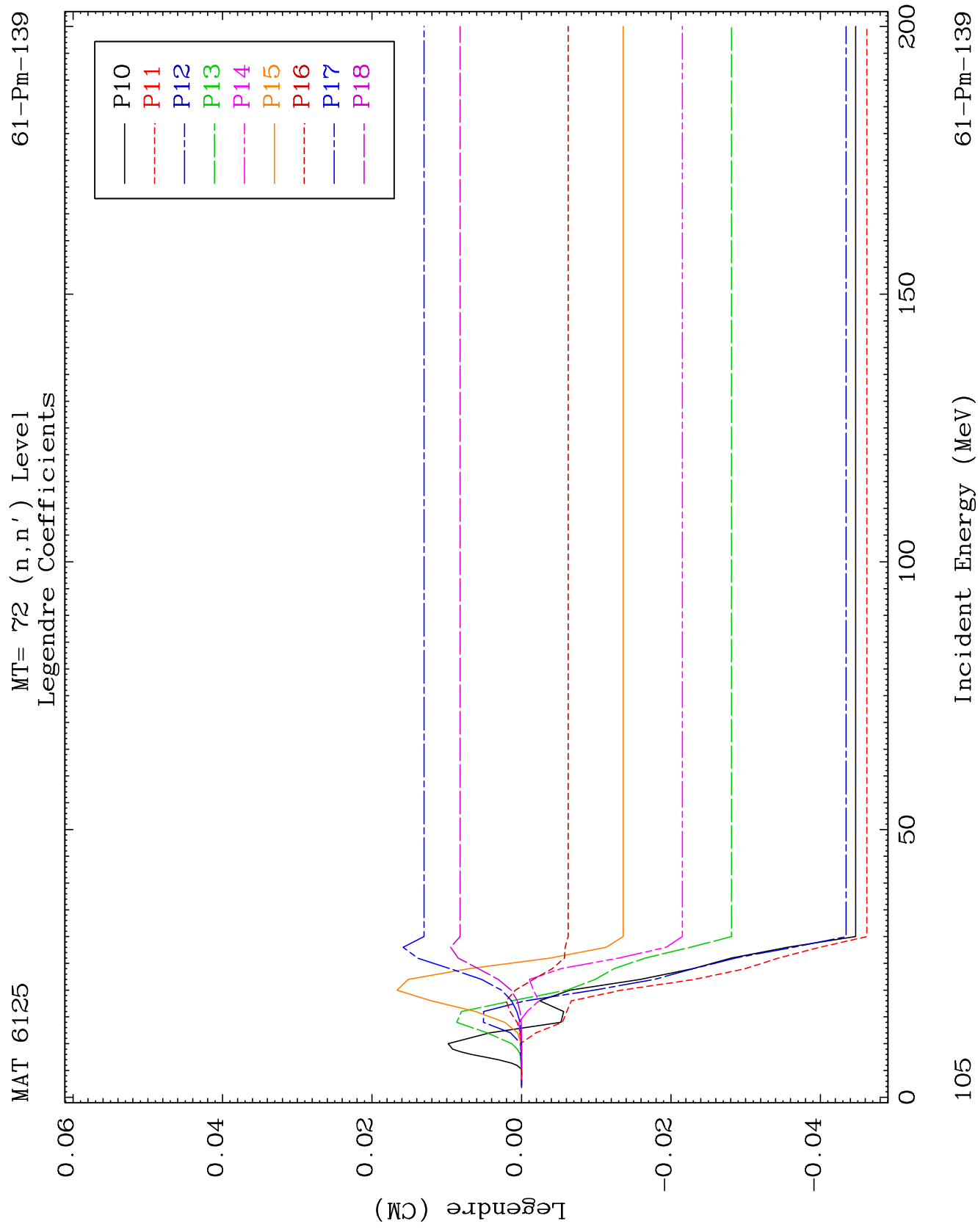


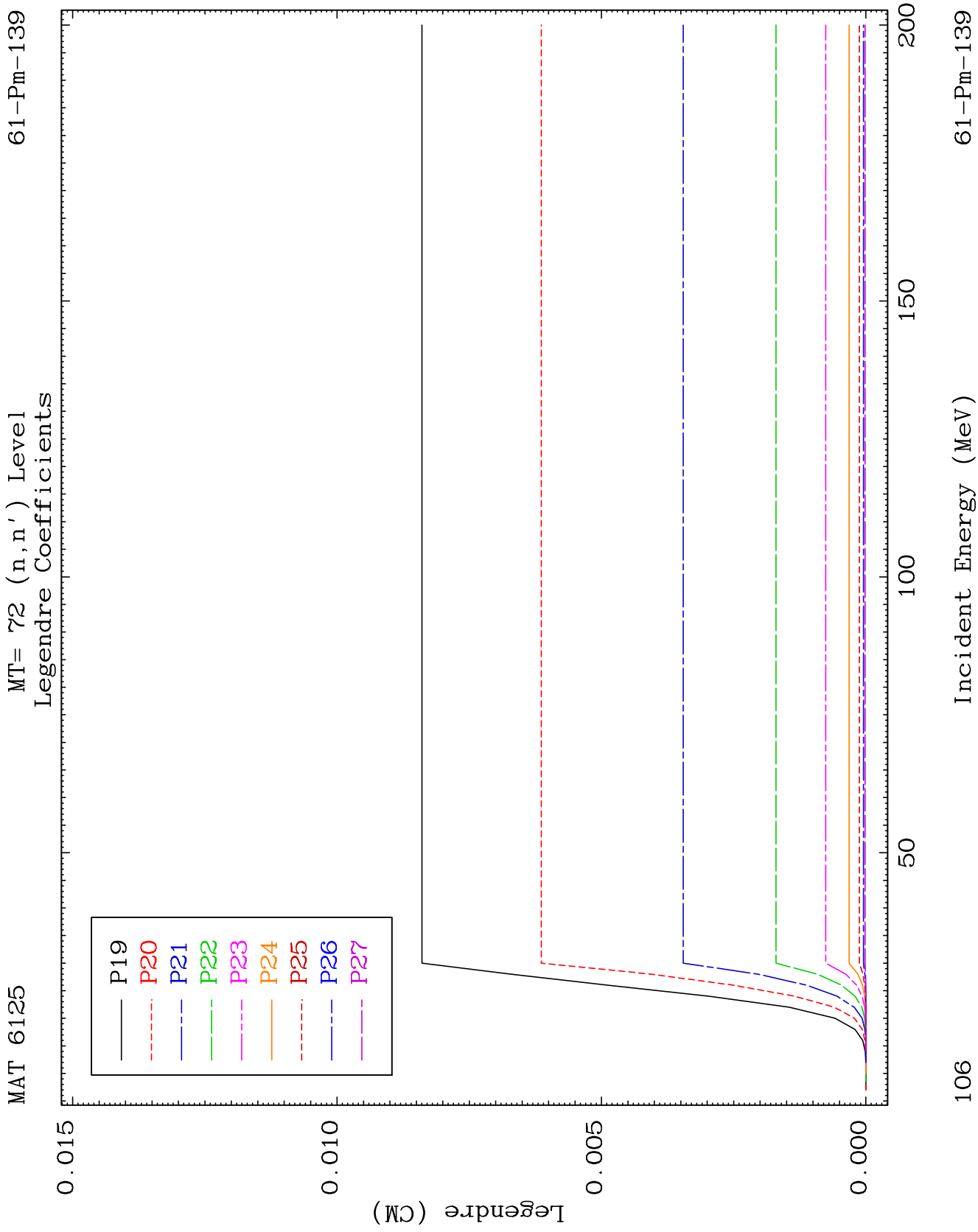


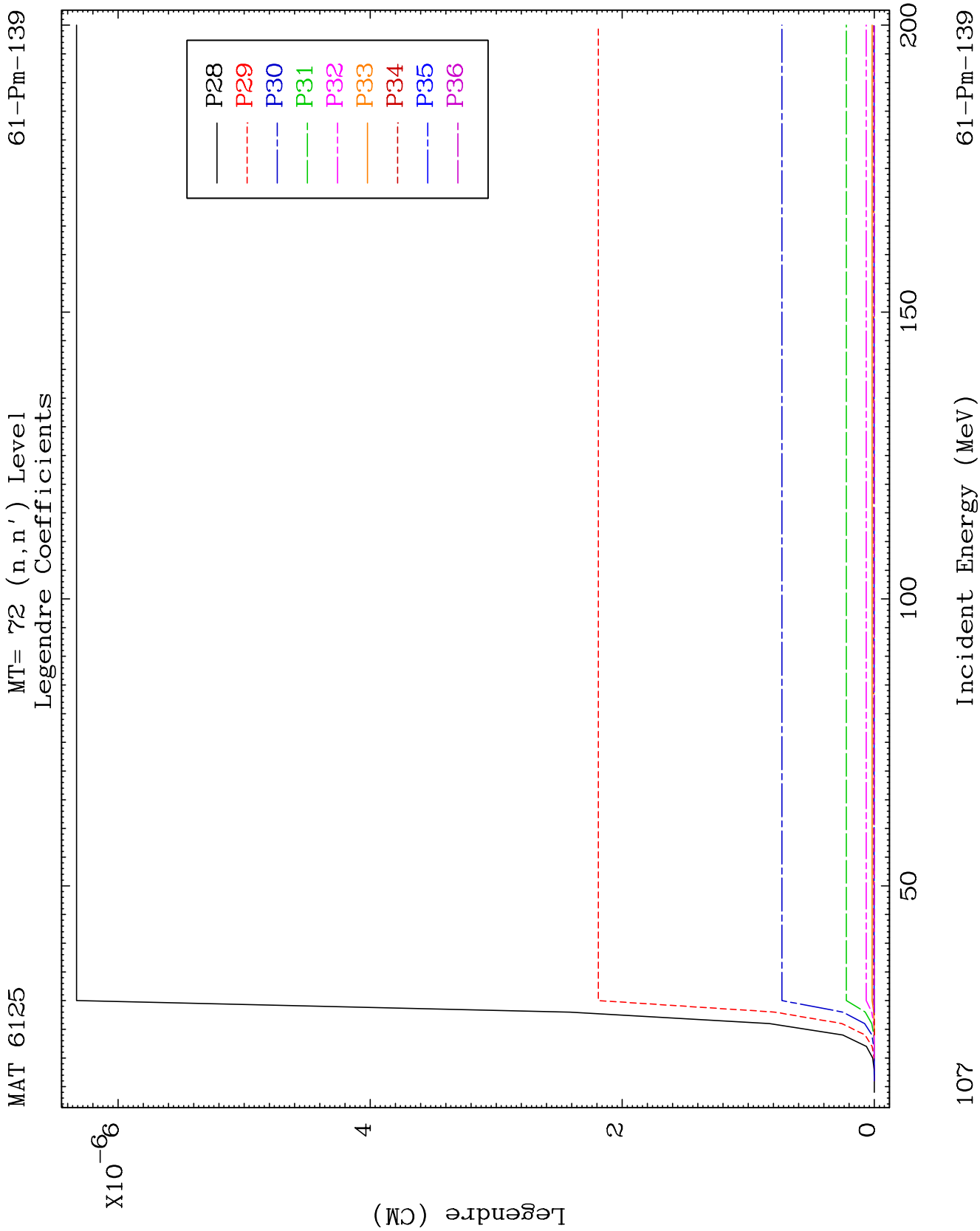








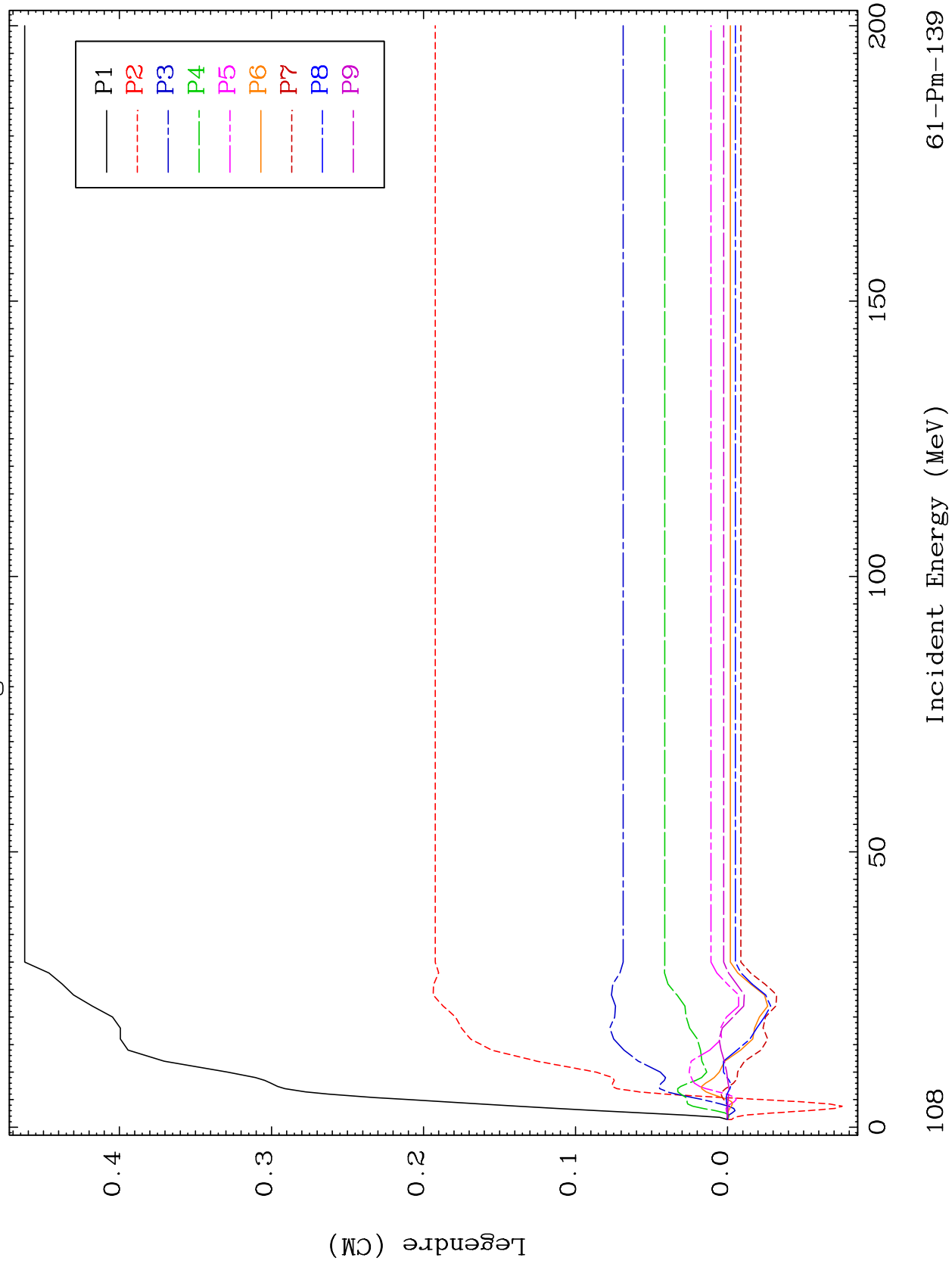


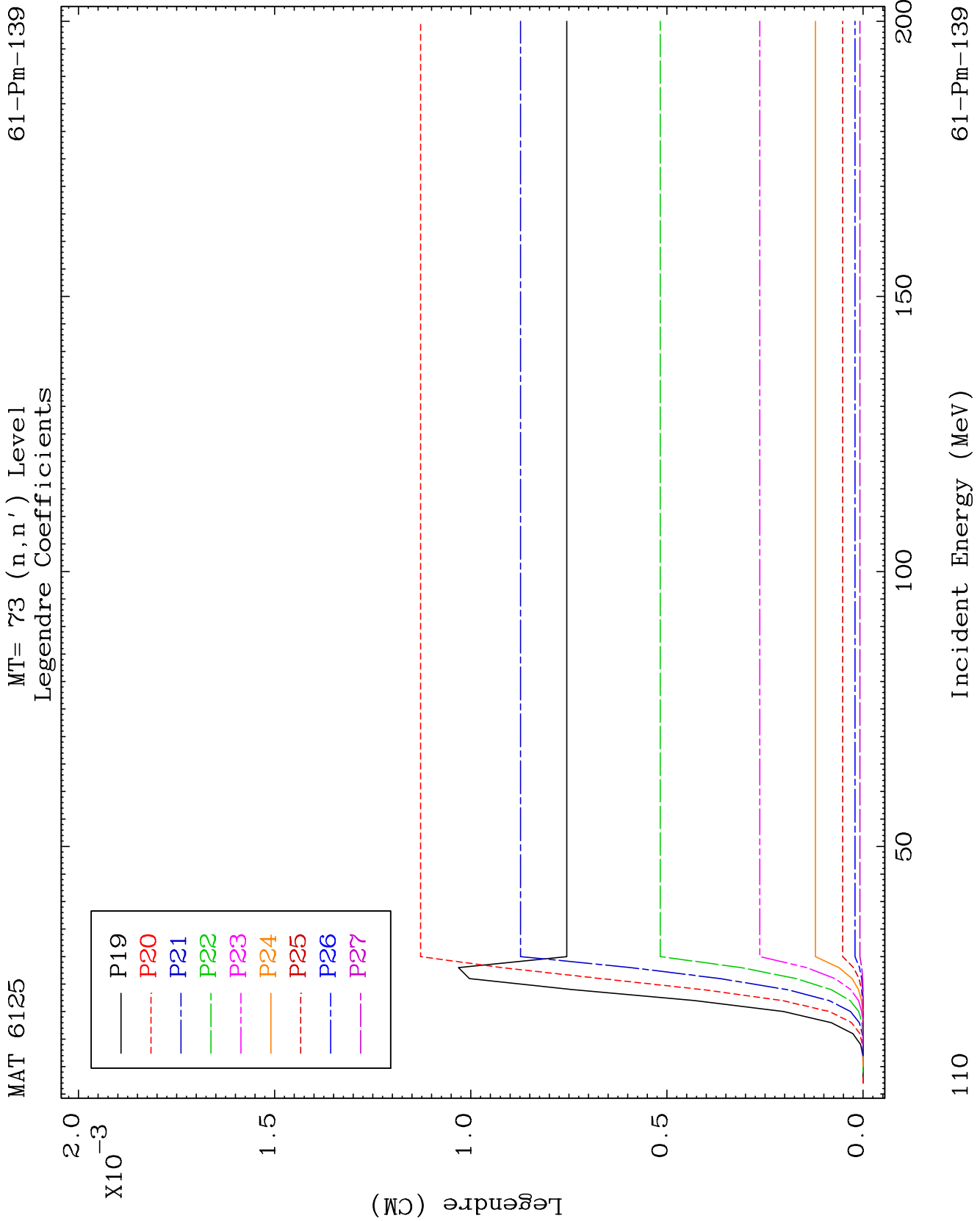


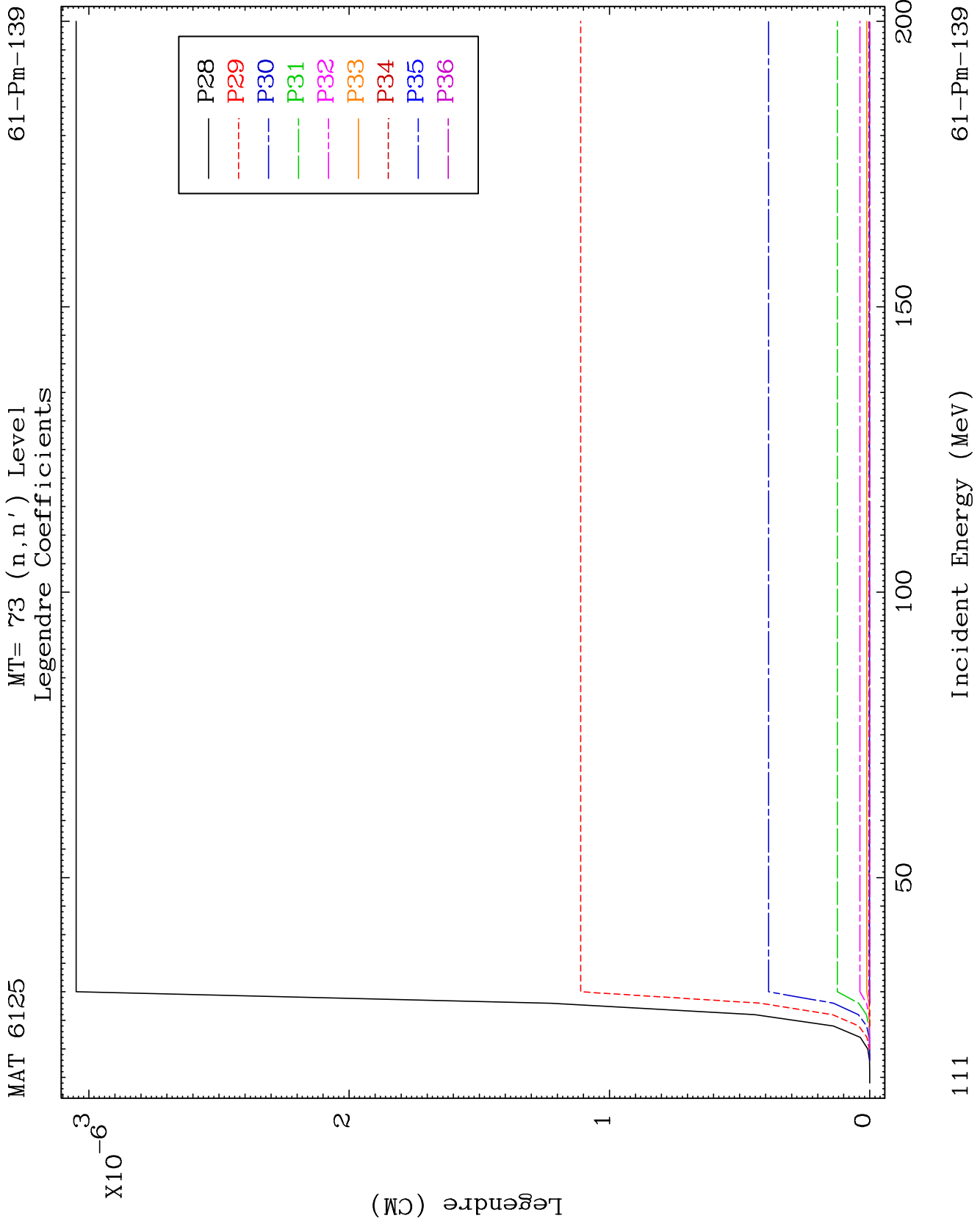
MAT 6125

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

61-Pm-139



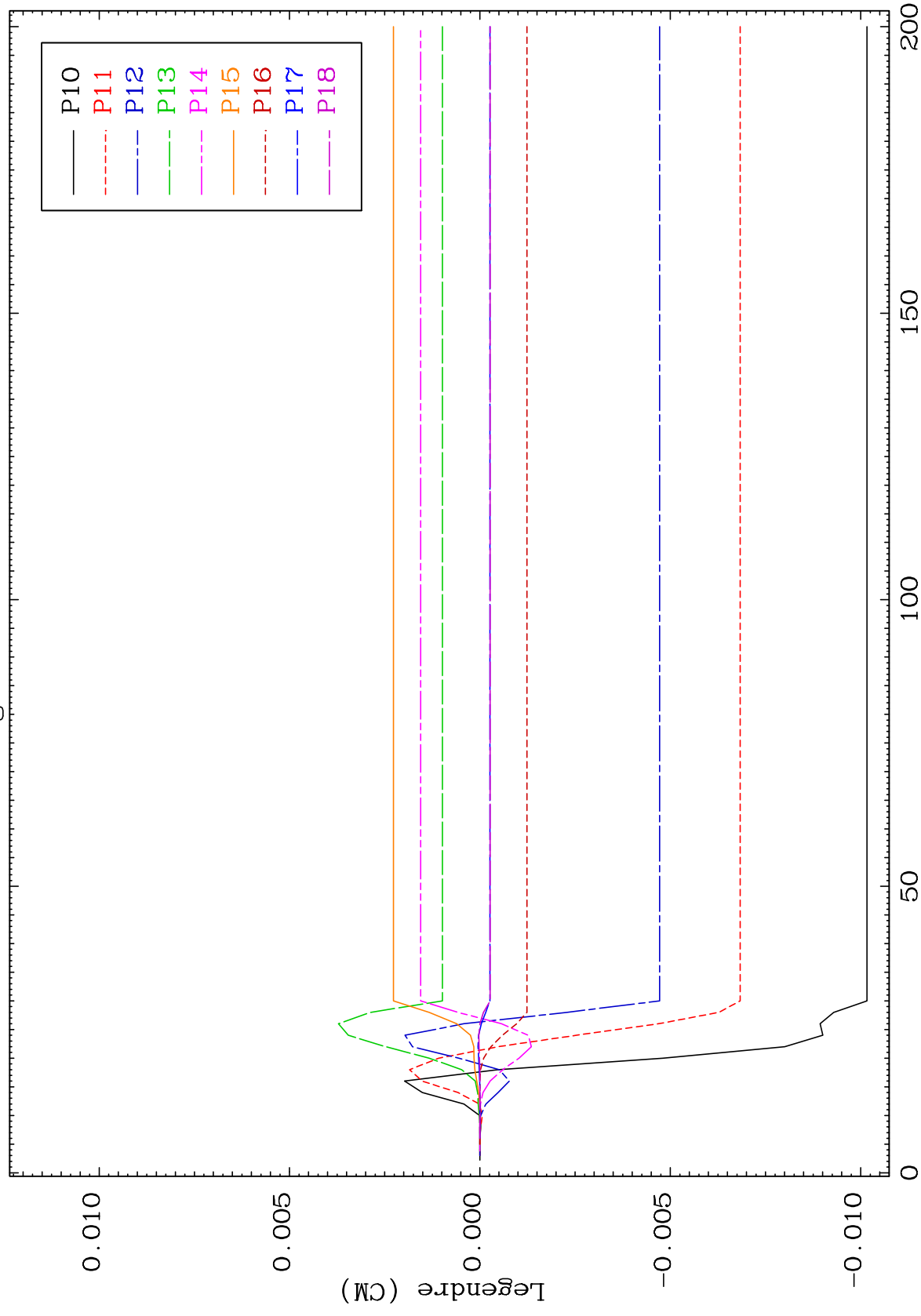




MAT 6125

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

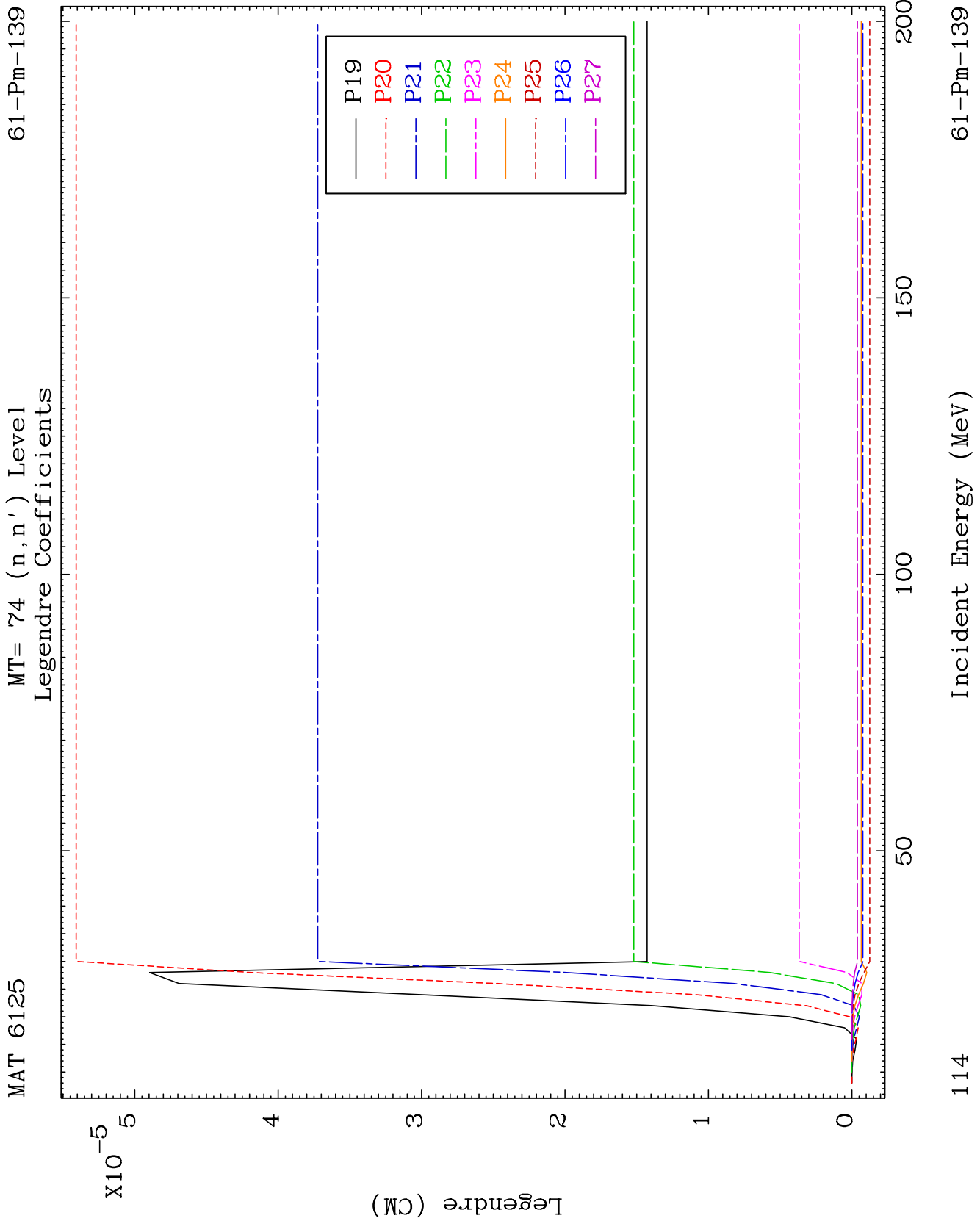
61-Pm-139

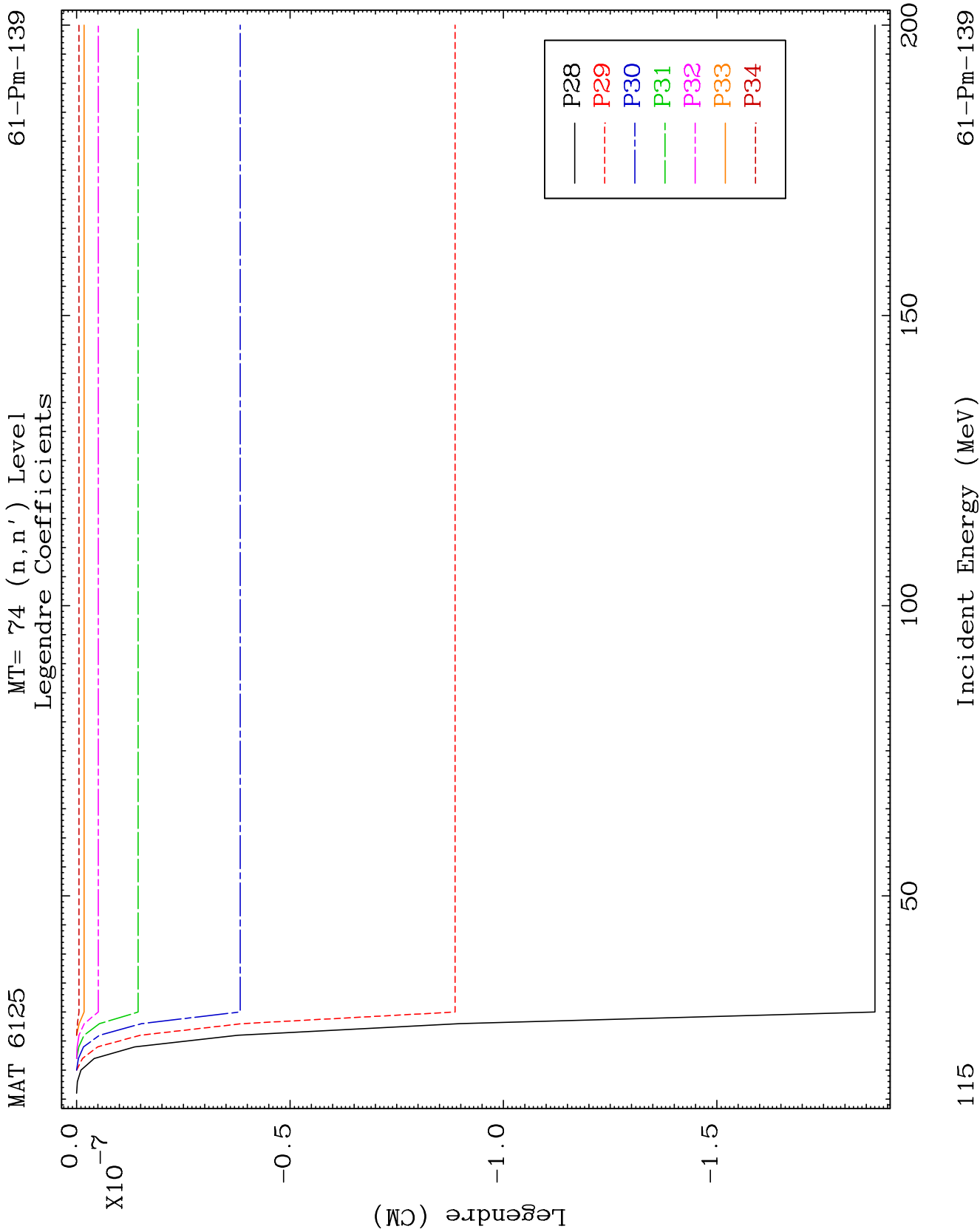


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Incident Energy (MeV)

61-Pm-139

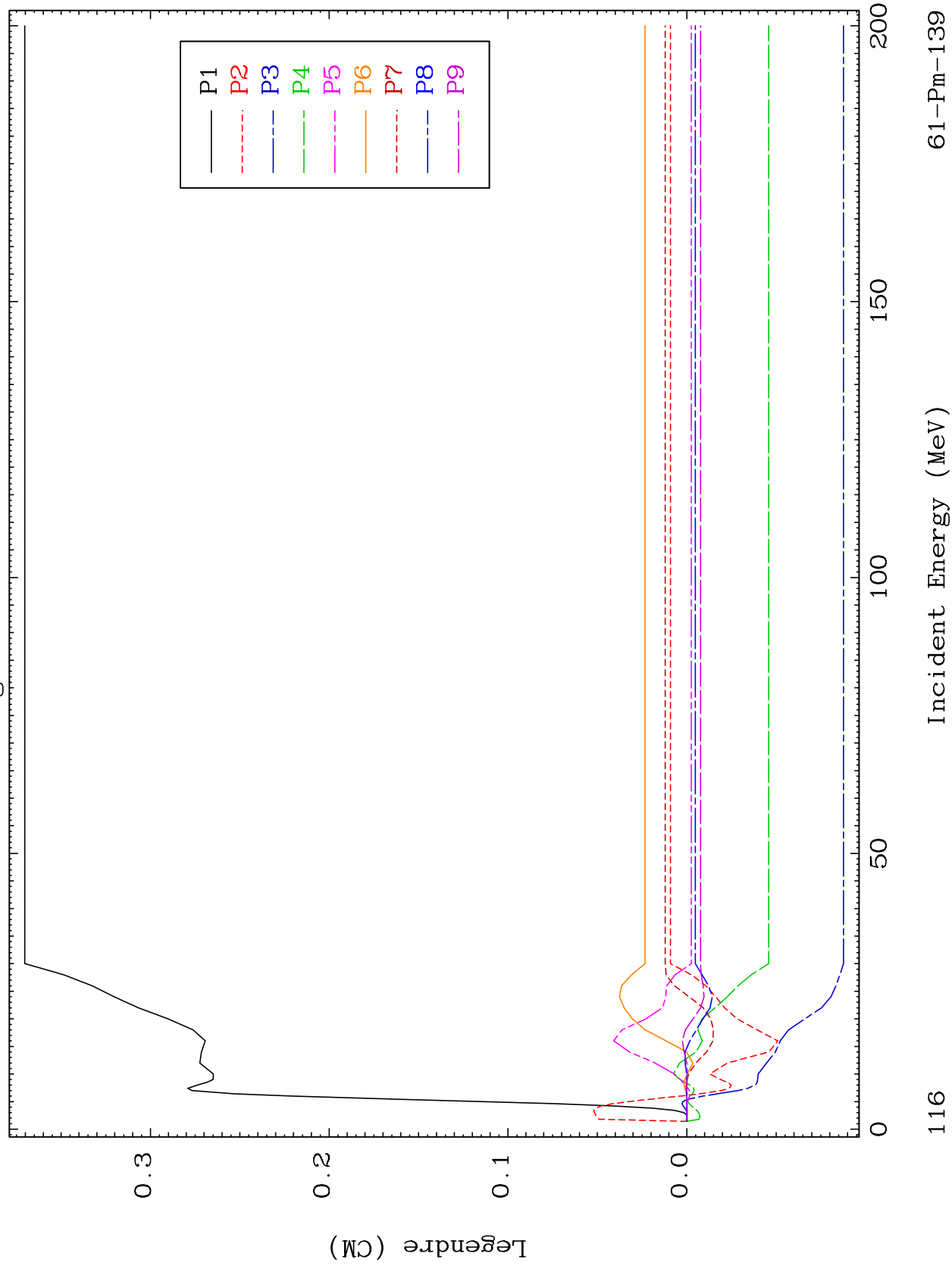


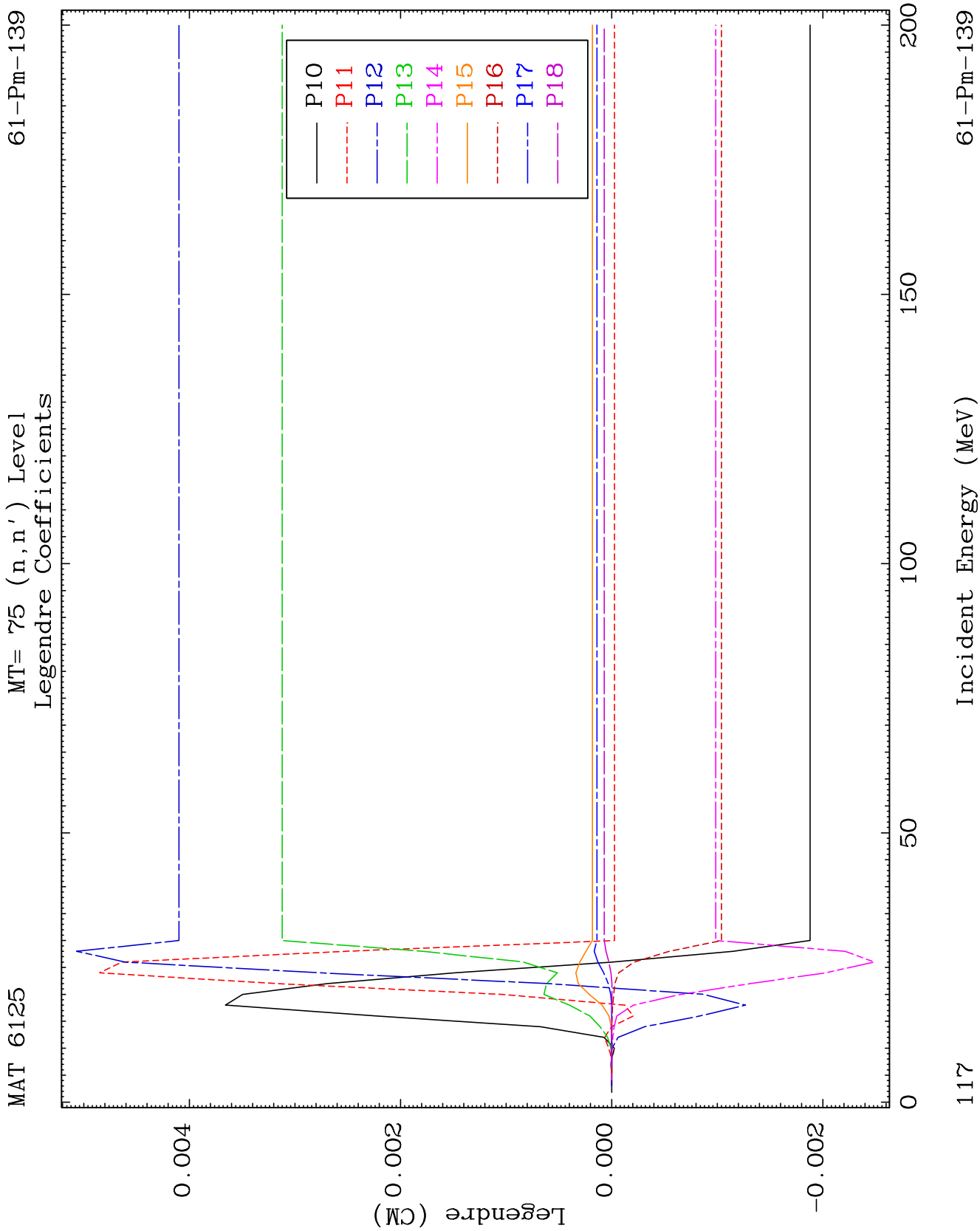


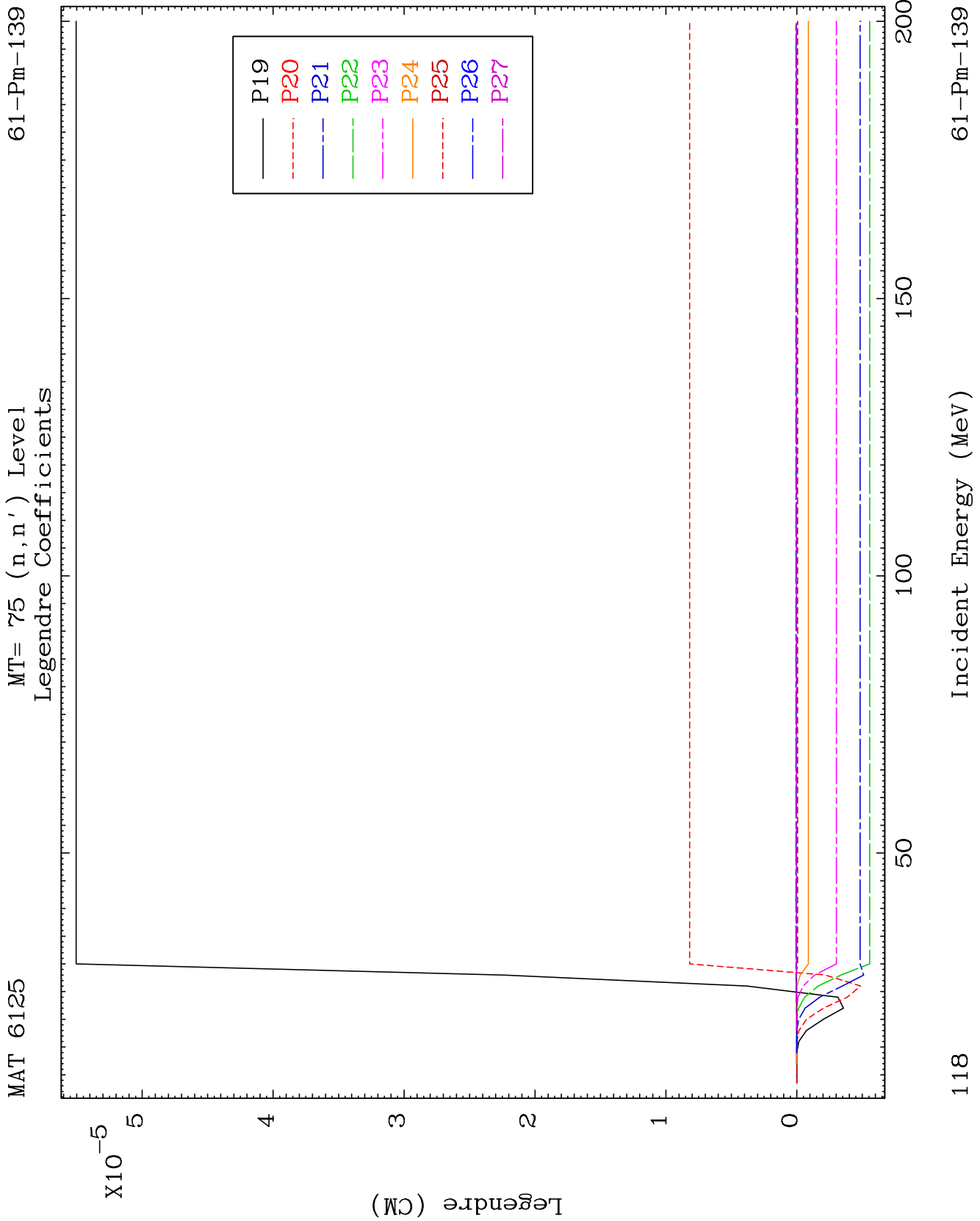
MAT 6125

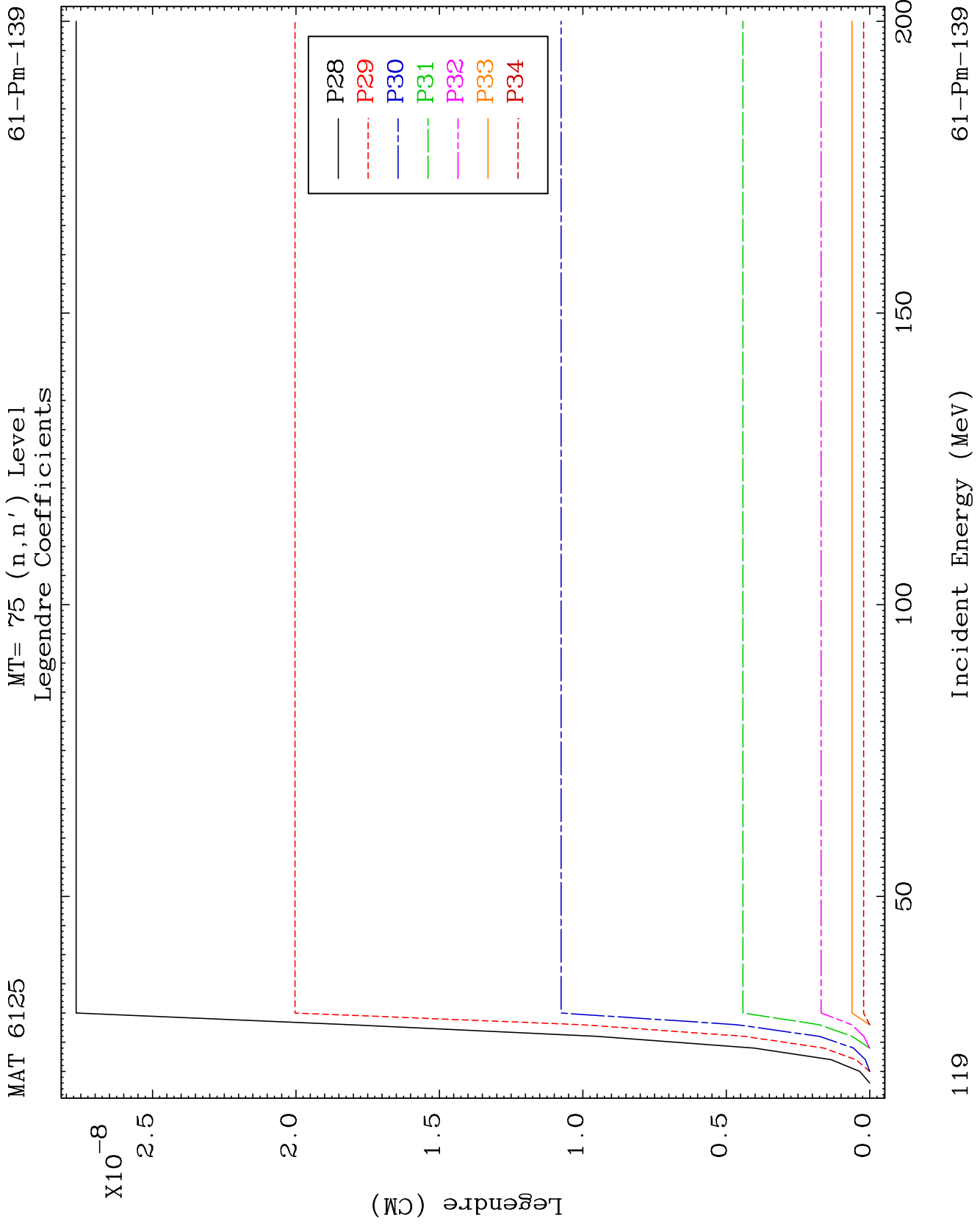
MT= 75 (n, n') Level
Legendre Coefficients

61-Pm-139





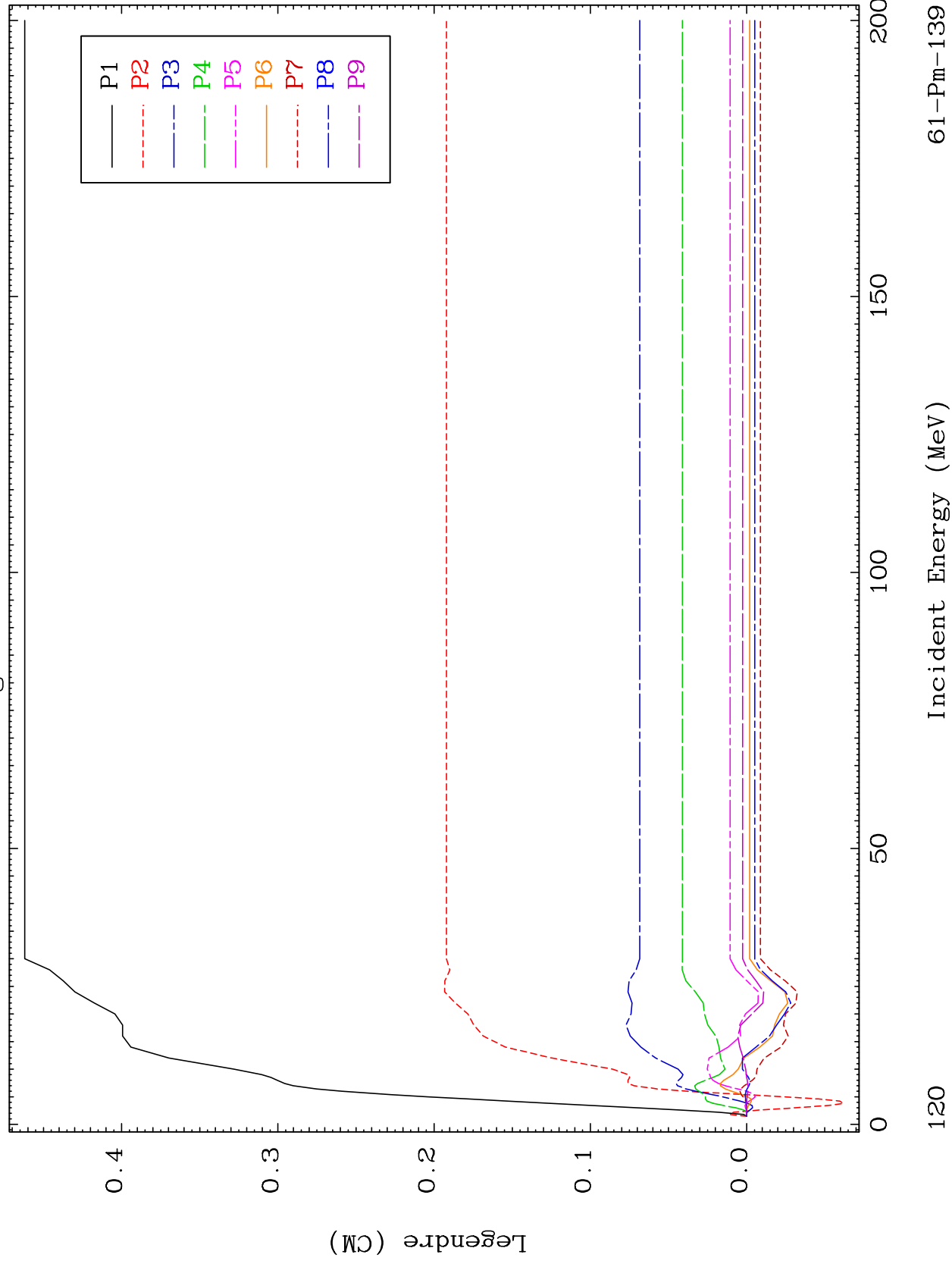




MAT 6125

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

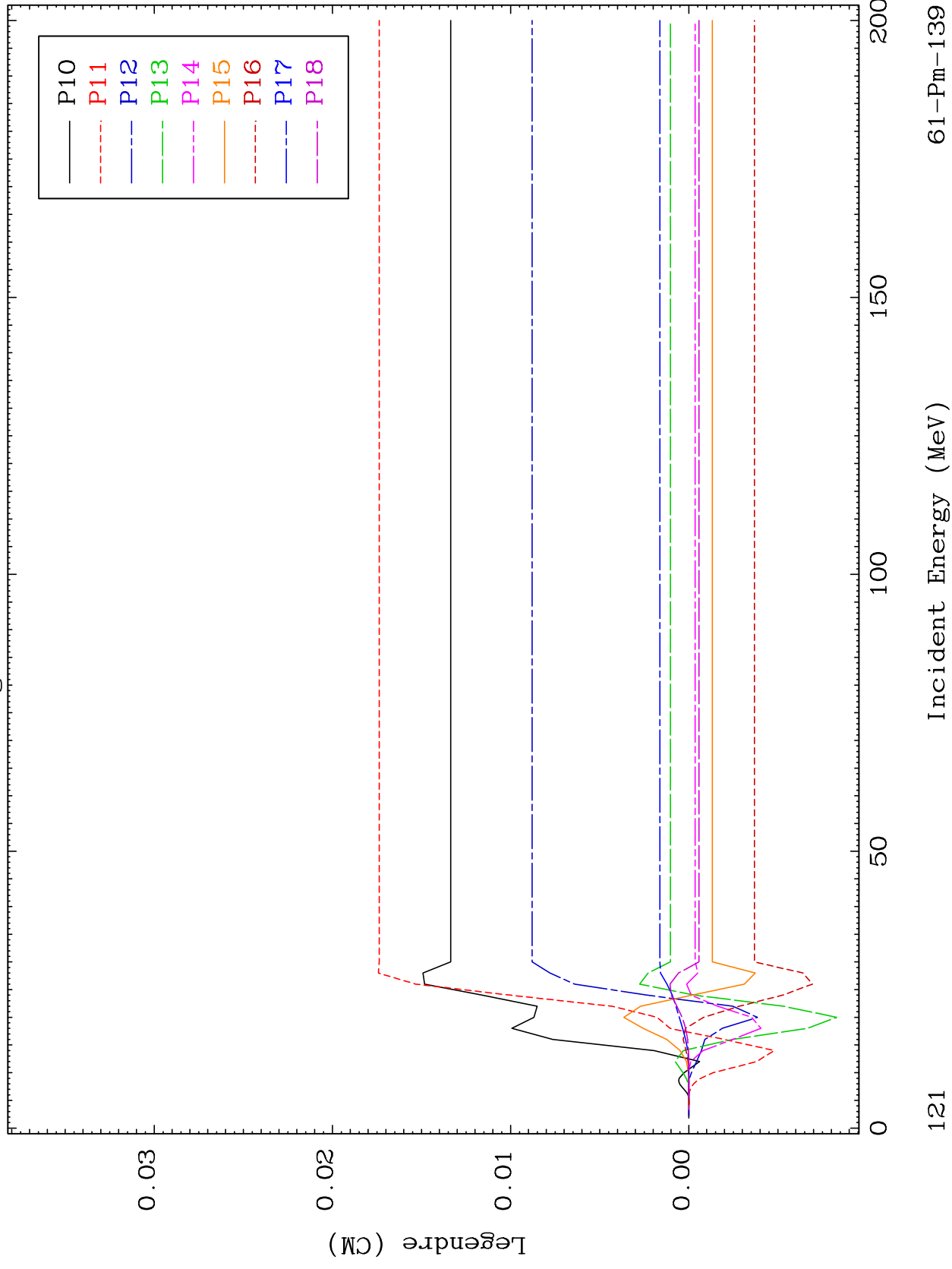
61-Pm-139

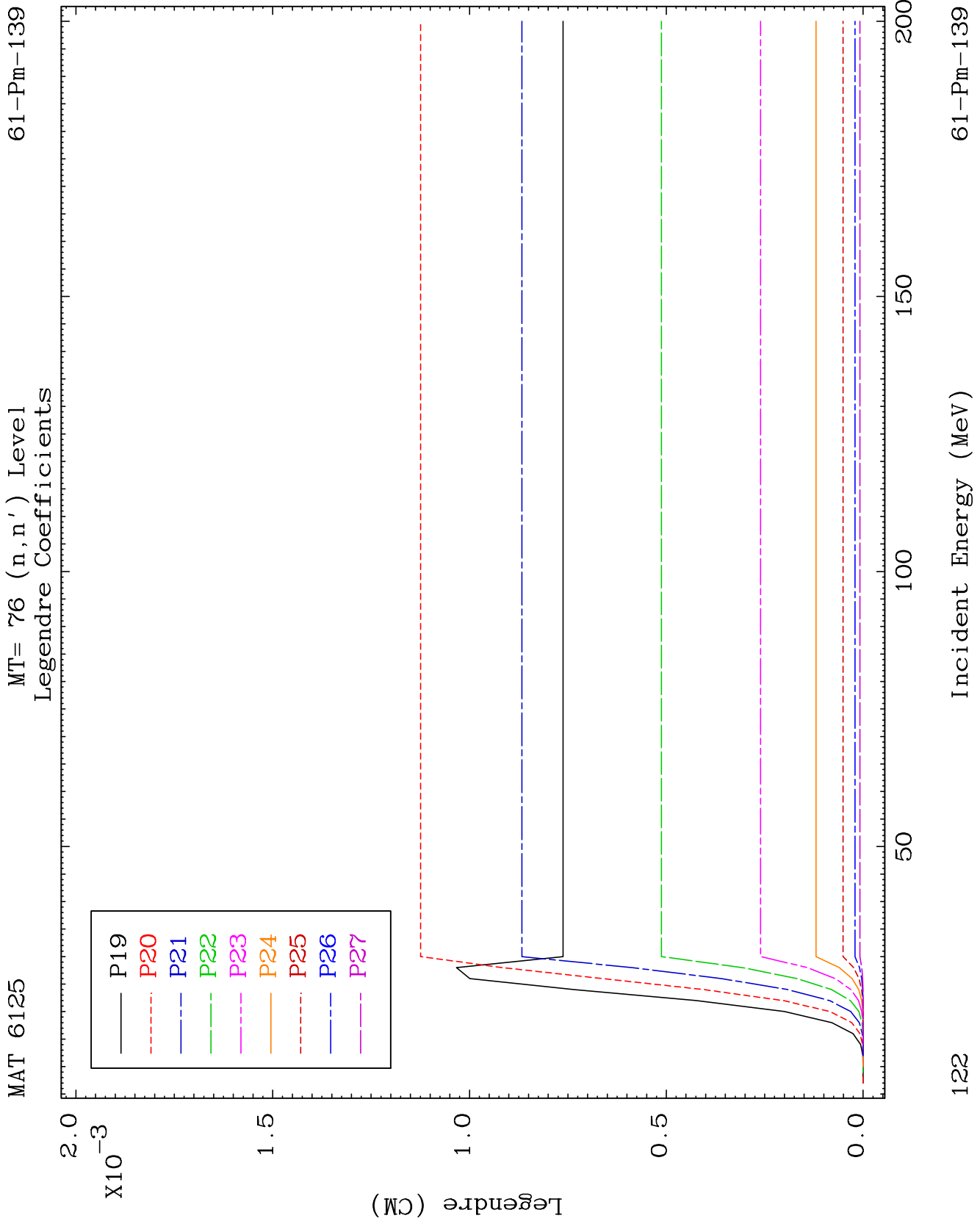


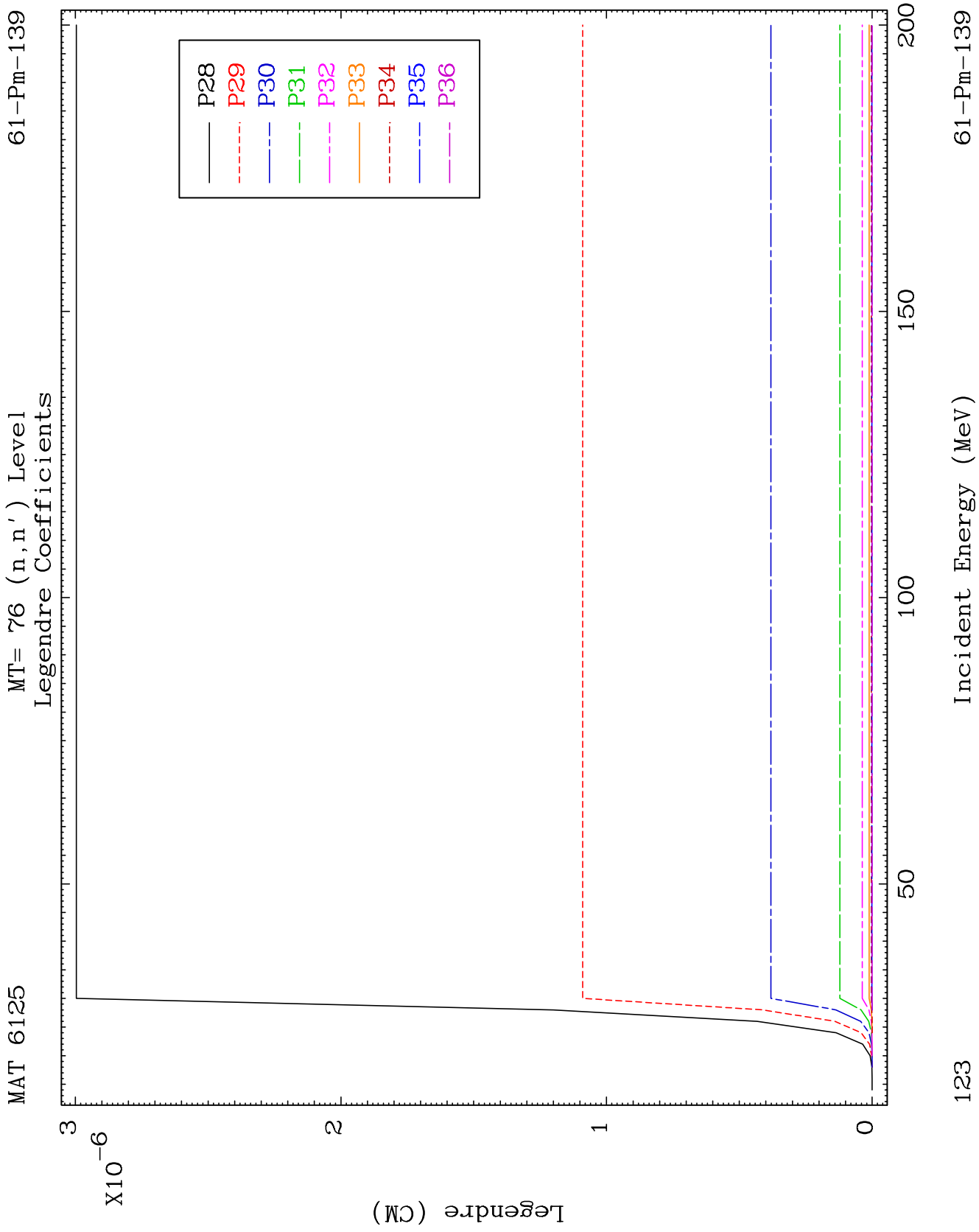
MAT 6125

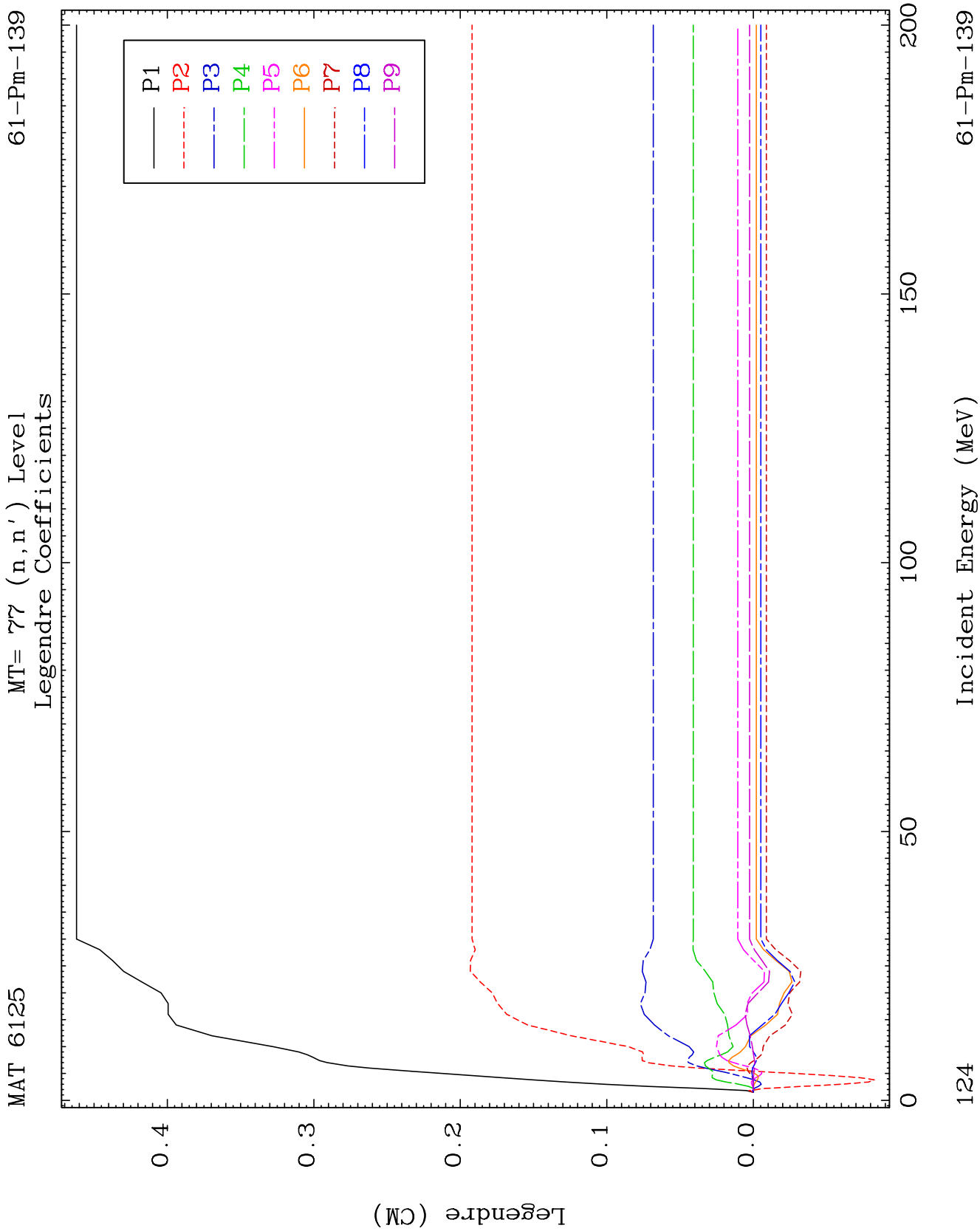
MT= 76 (n, n') Level
Legendre Coefficients

61-Pm-139





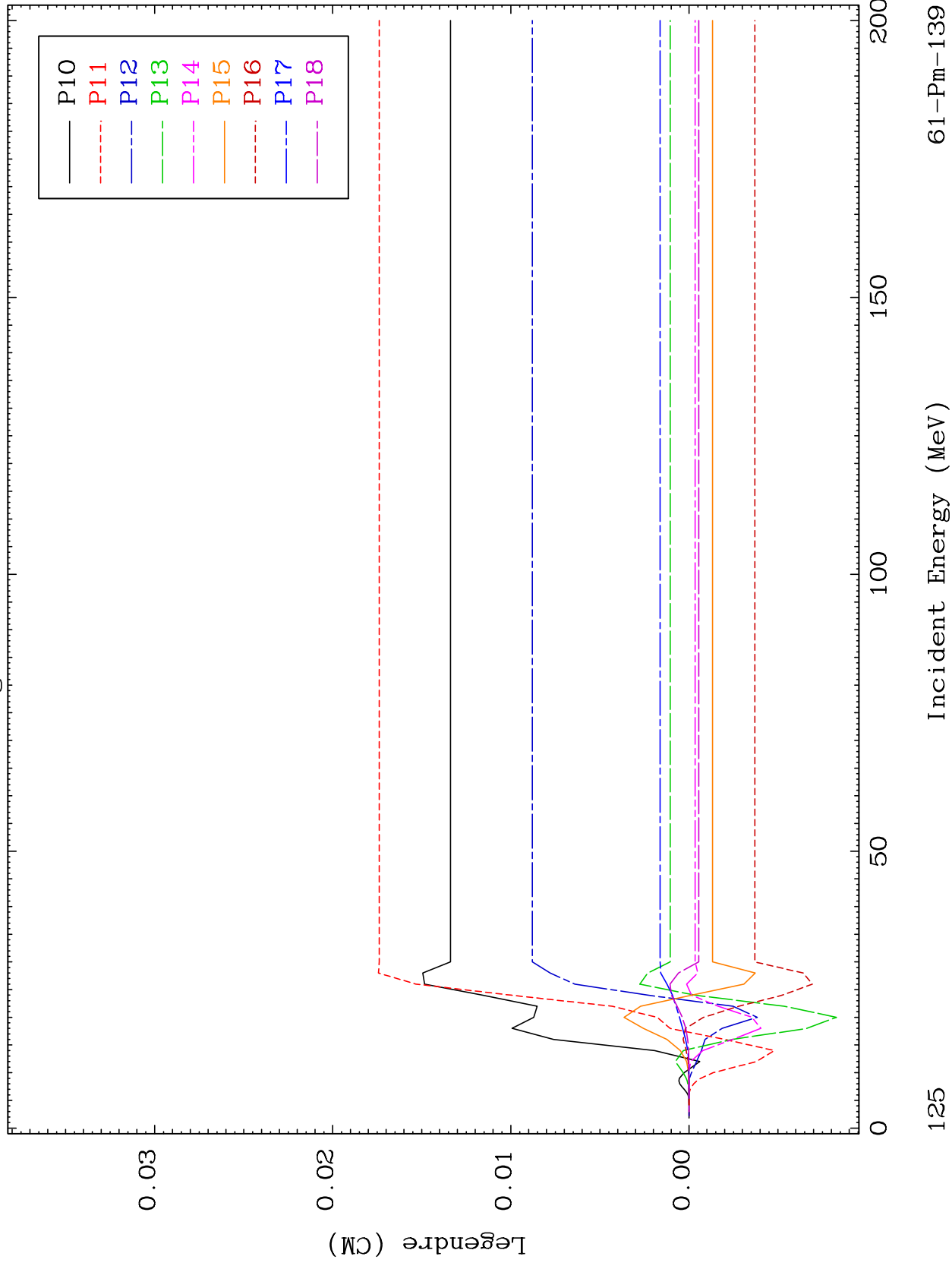




MAT 6125

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

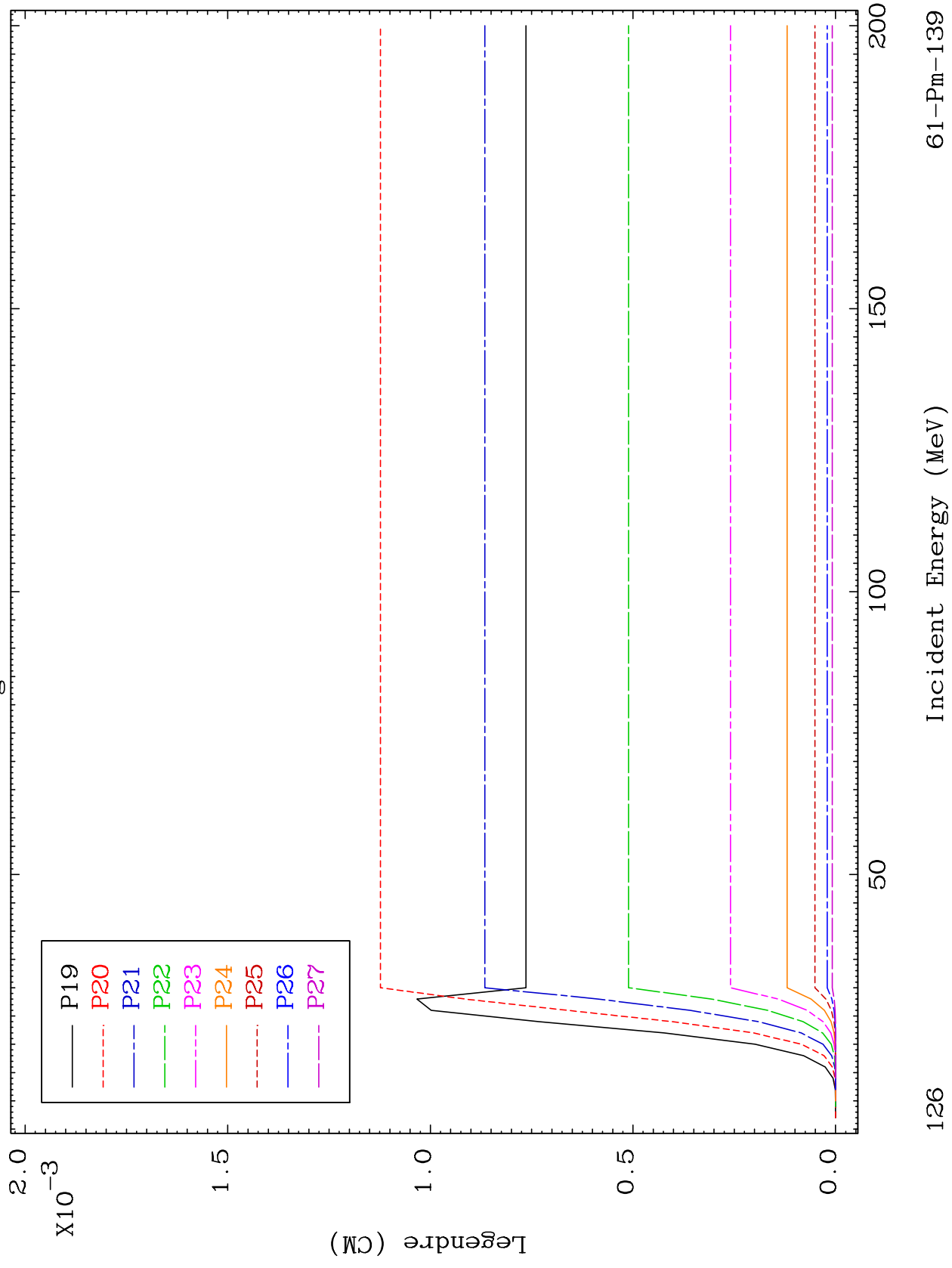
61-Pm-139

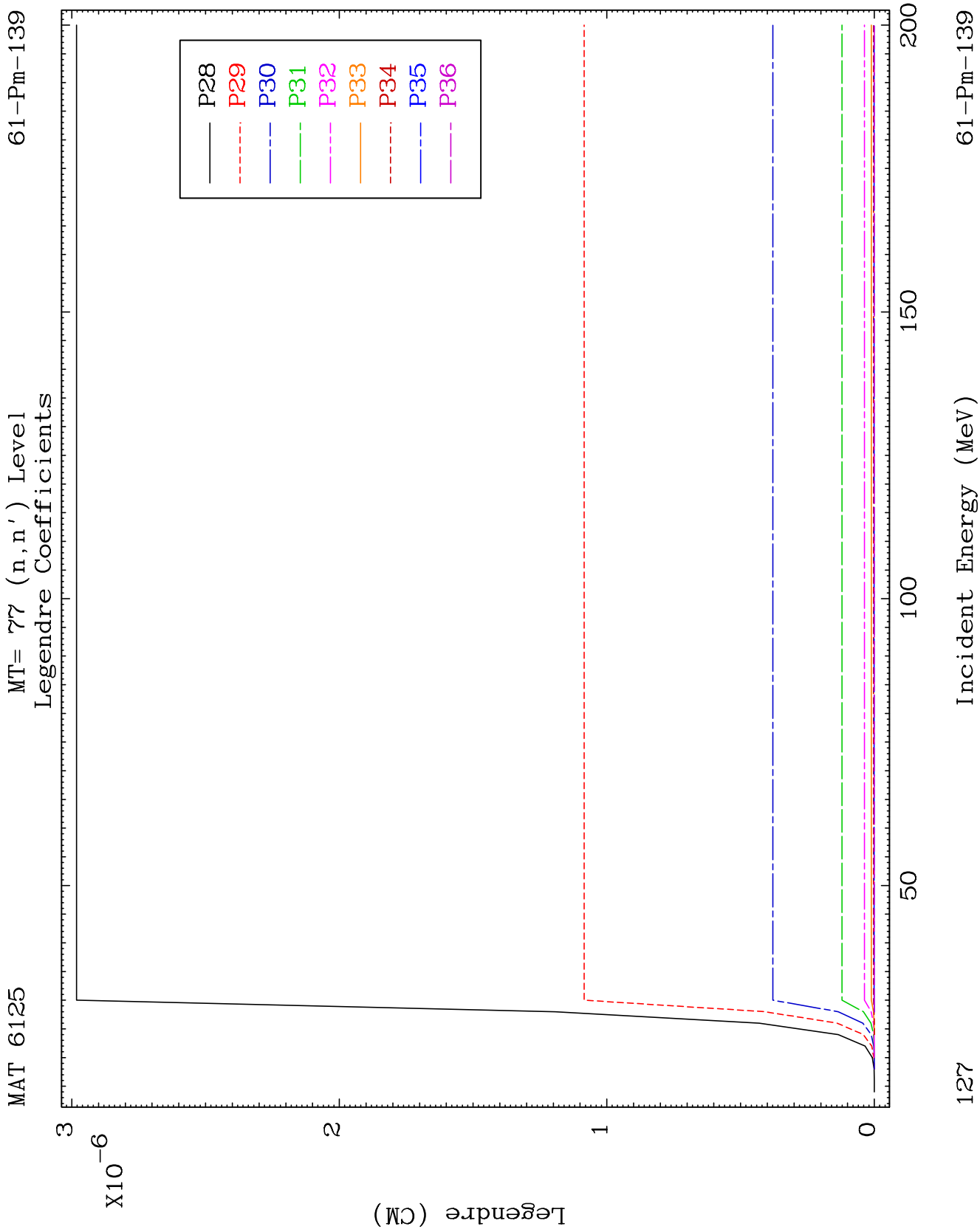


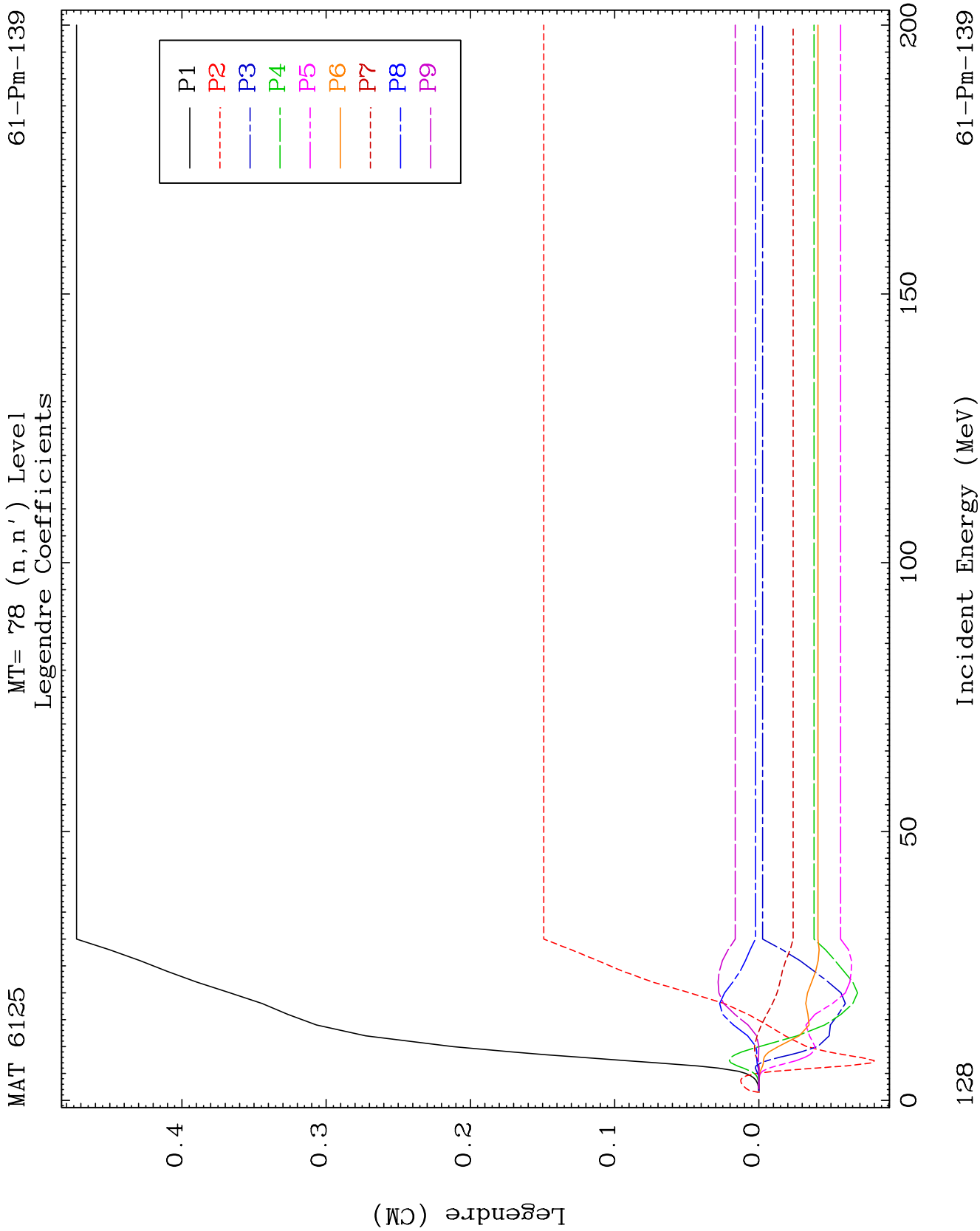
MAT 6125

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

61-Pm-139



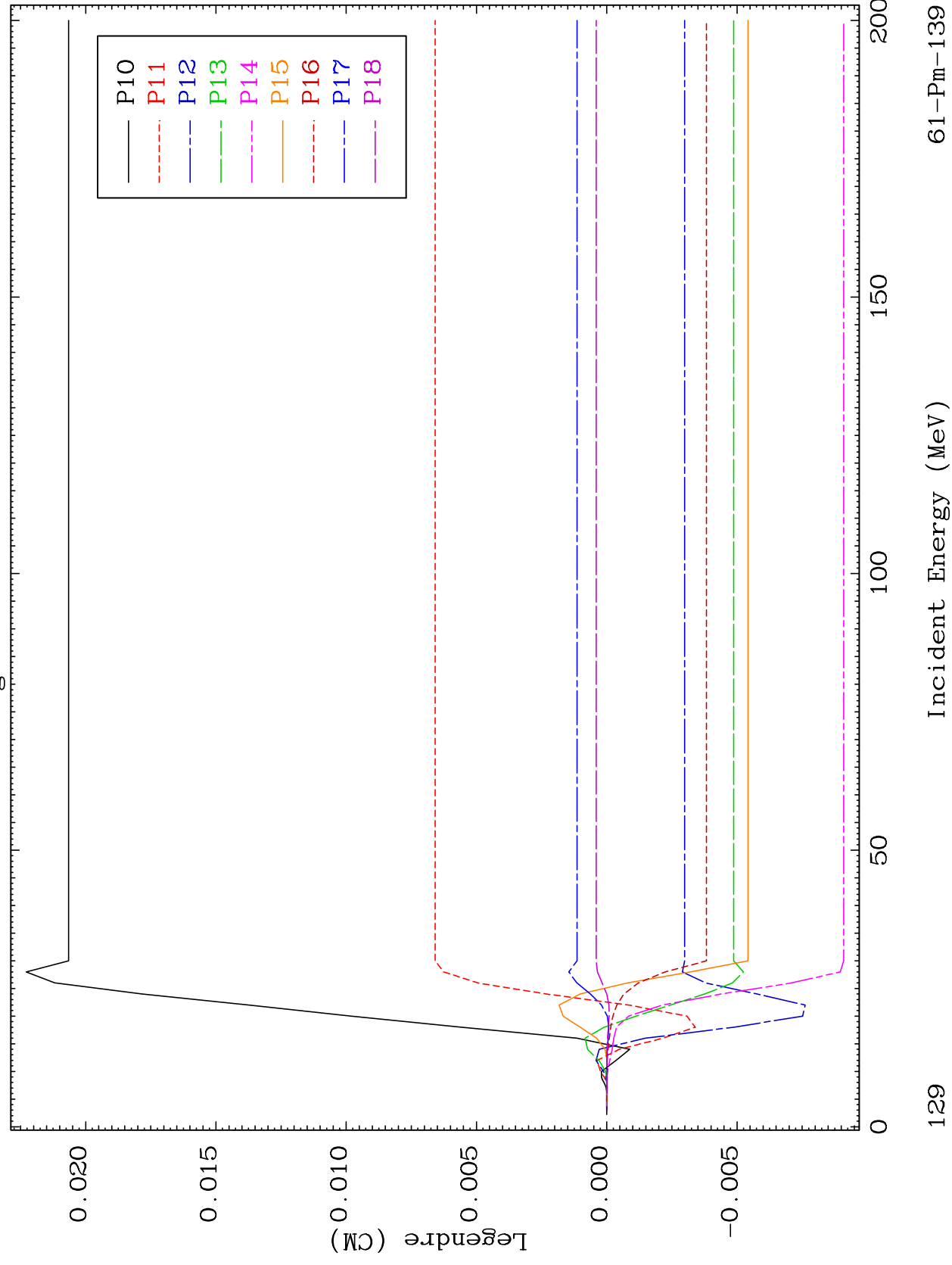


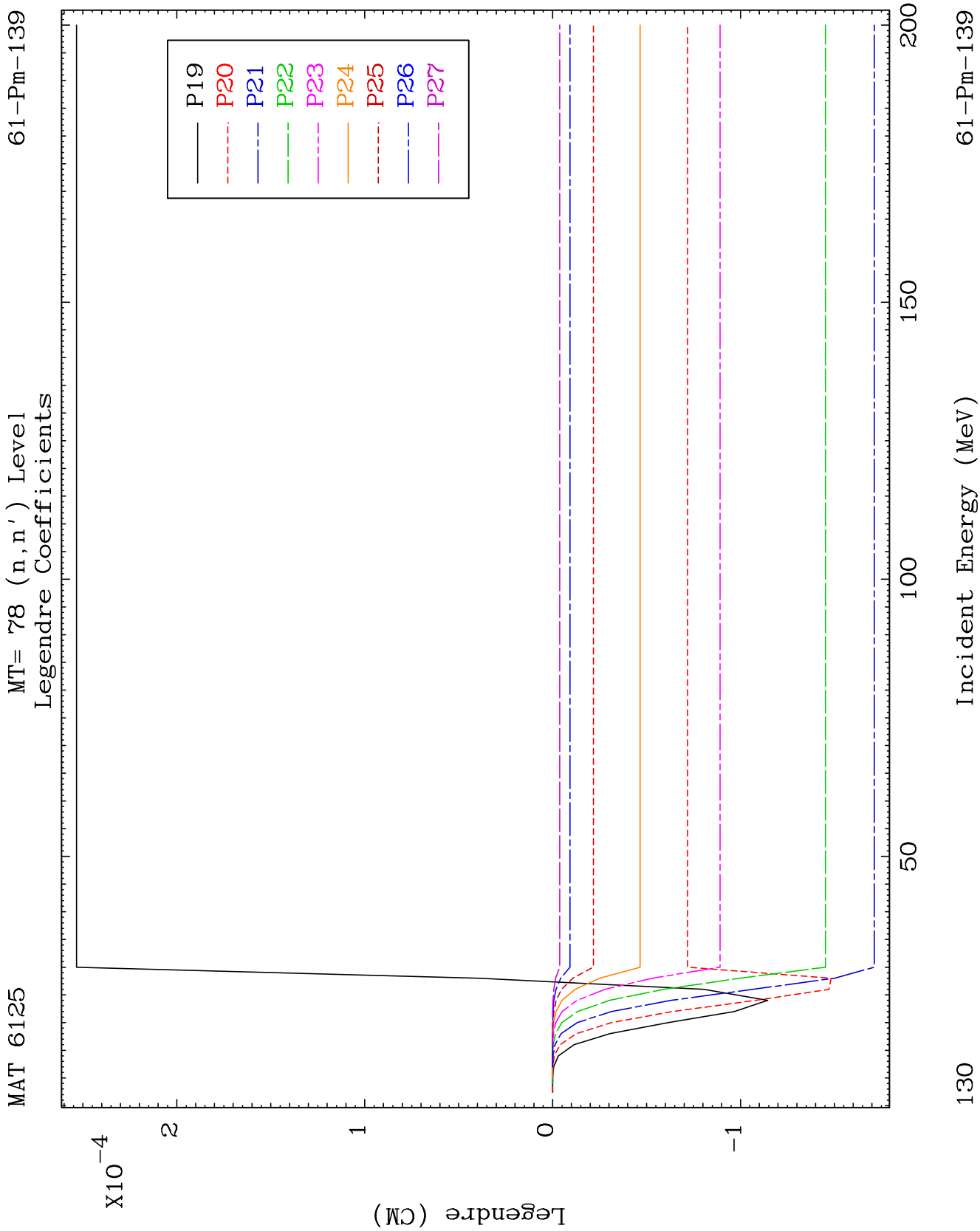


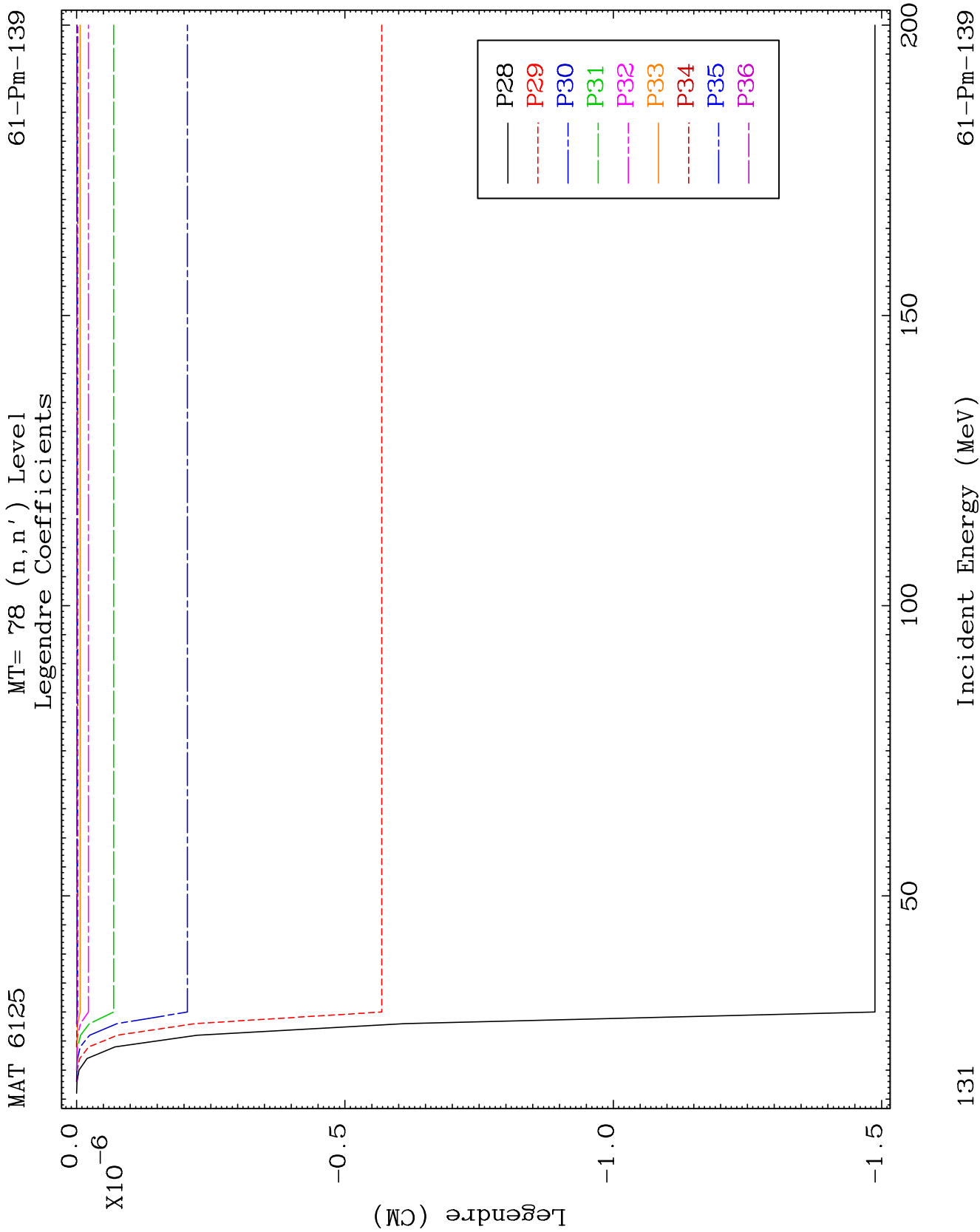
MAT 6125

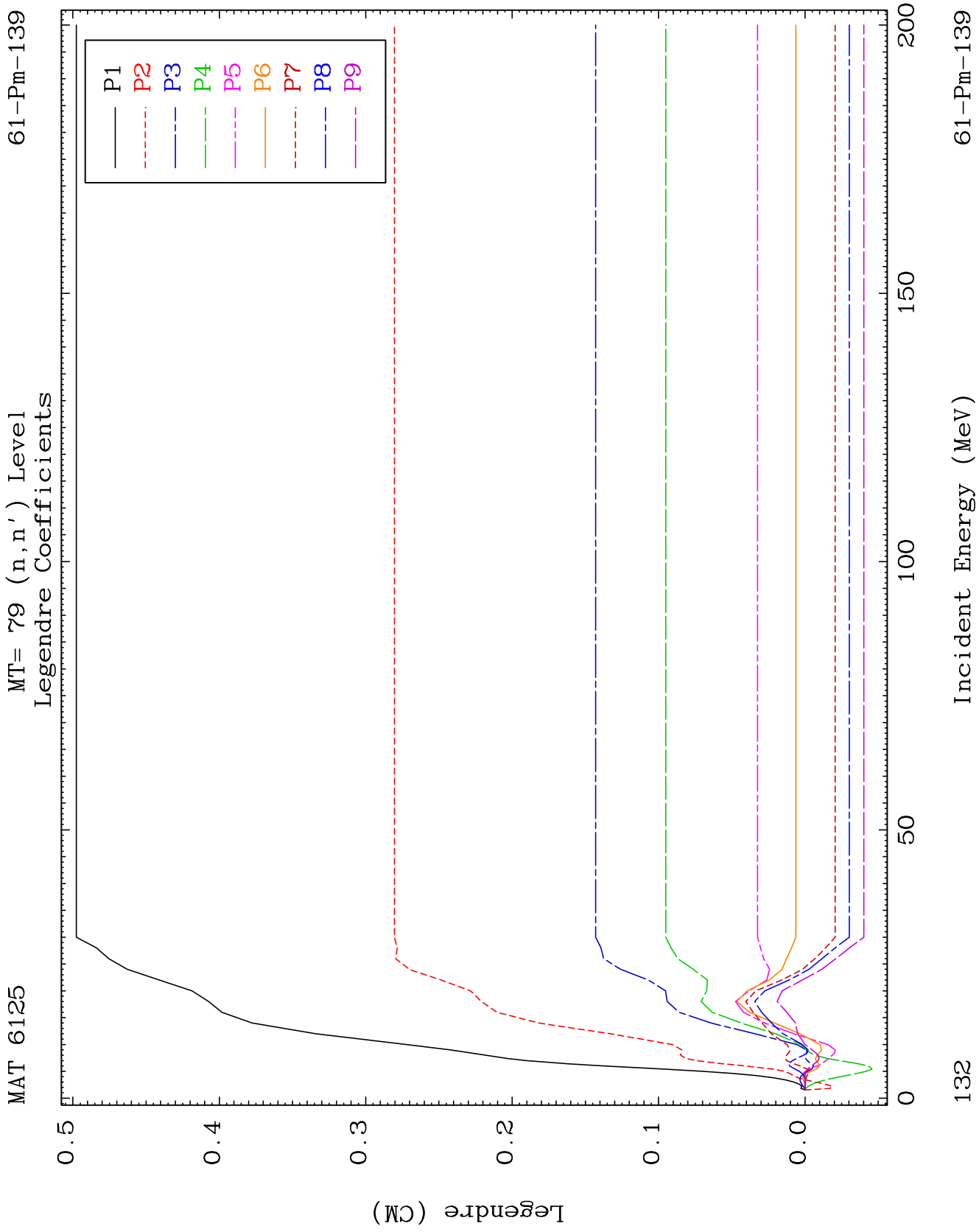
MT= 78 (n, n') Level
Legendre Coefficients

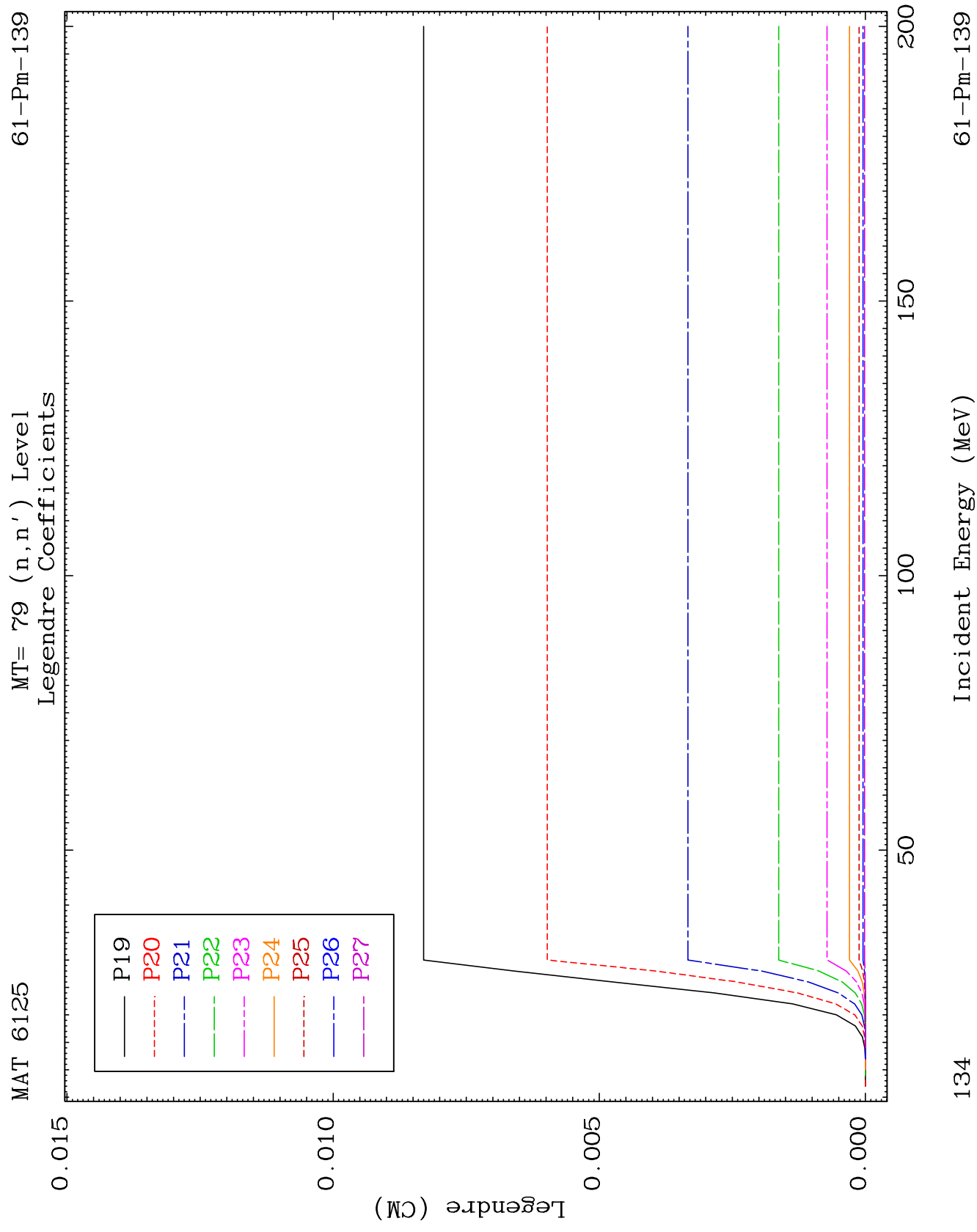
61-Pm-139

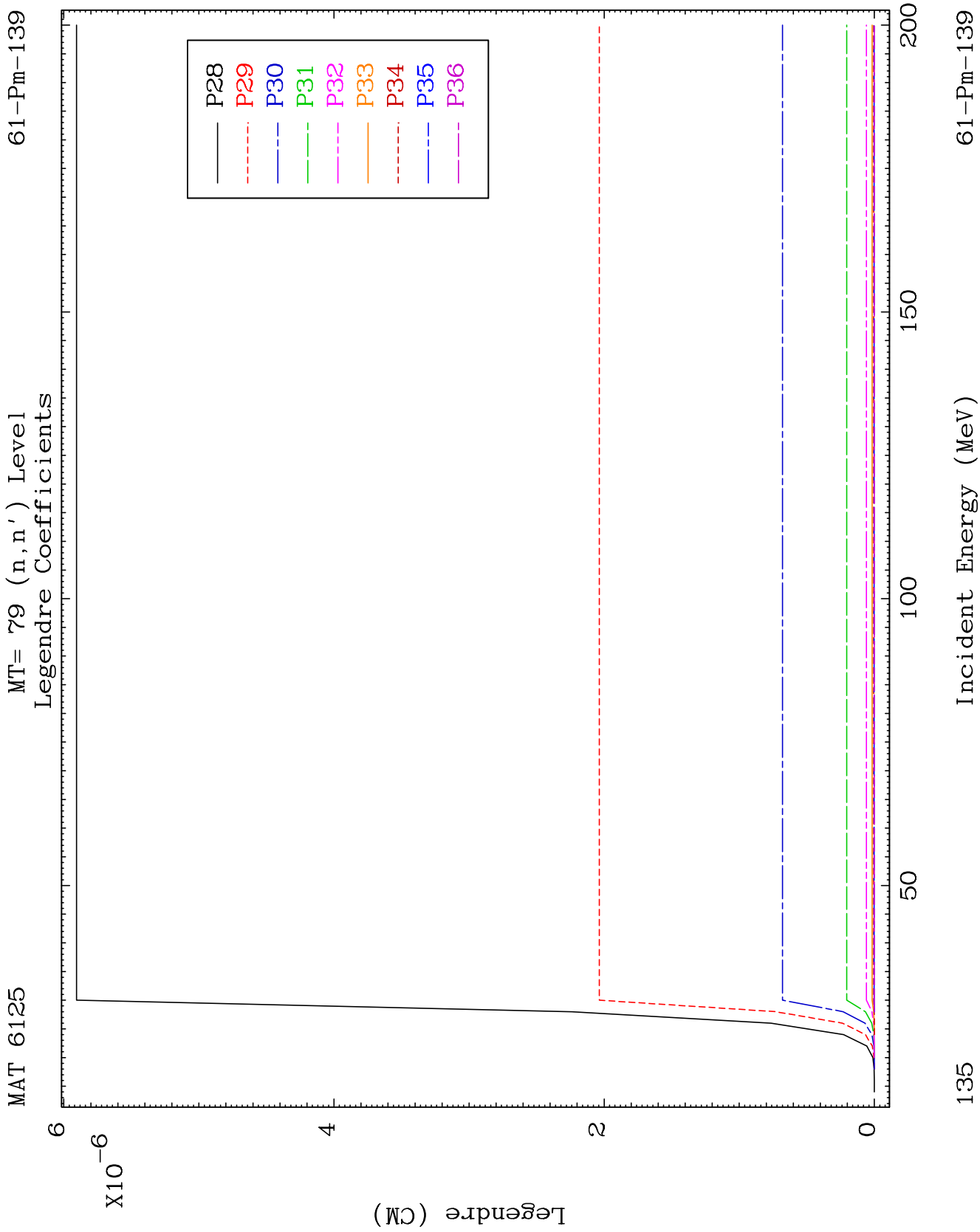








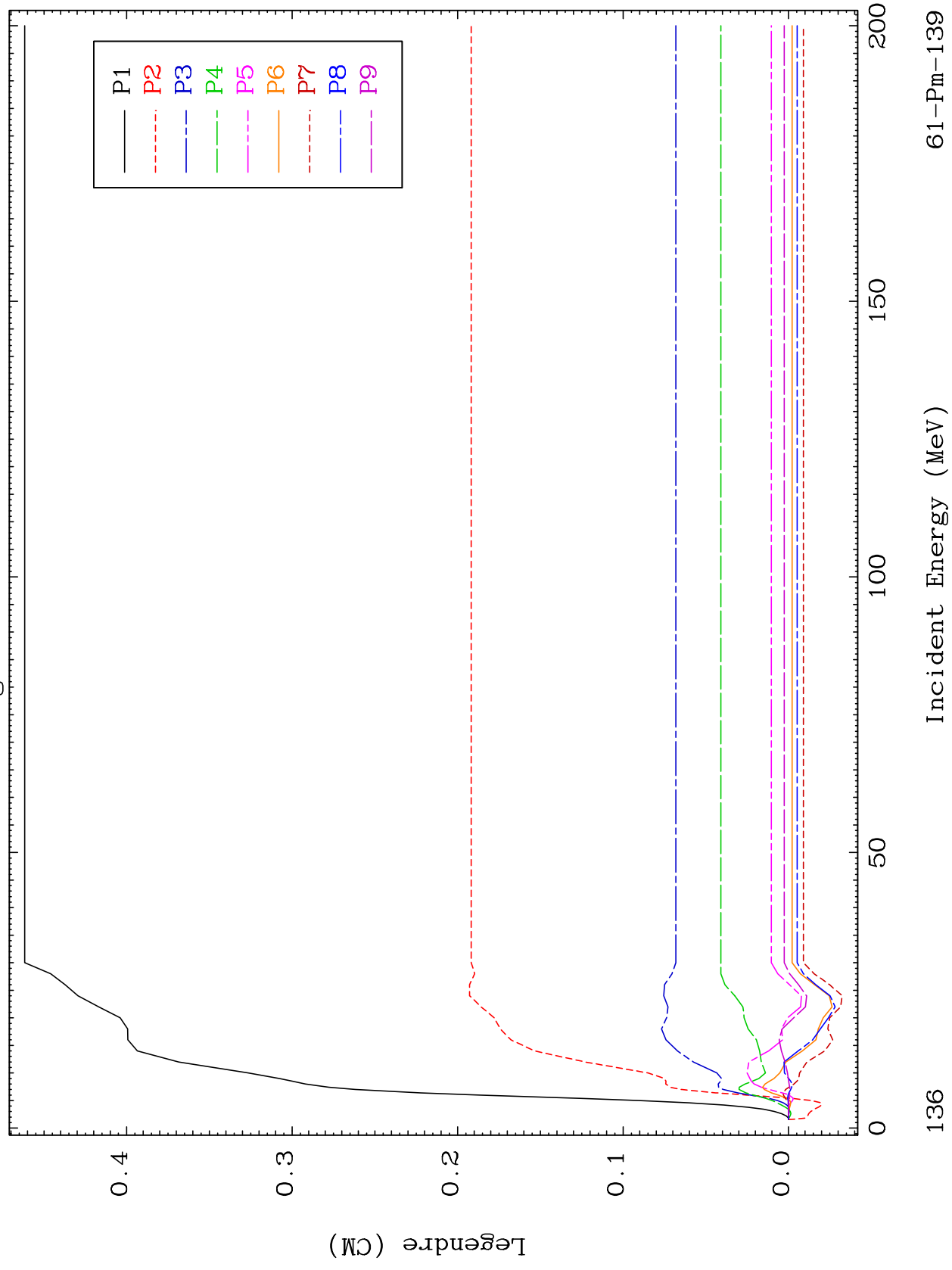


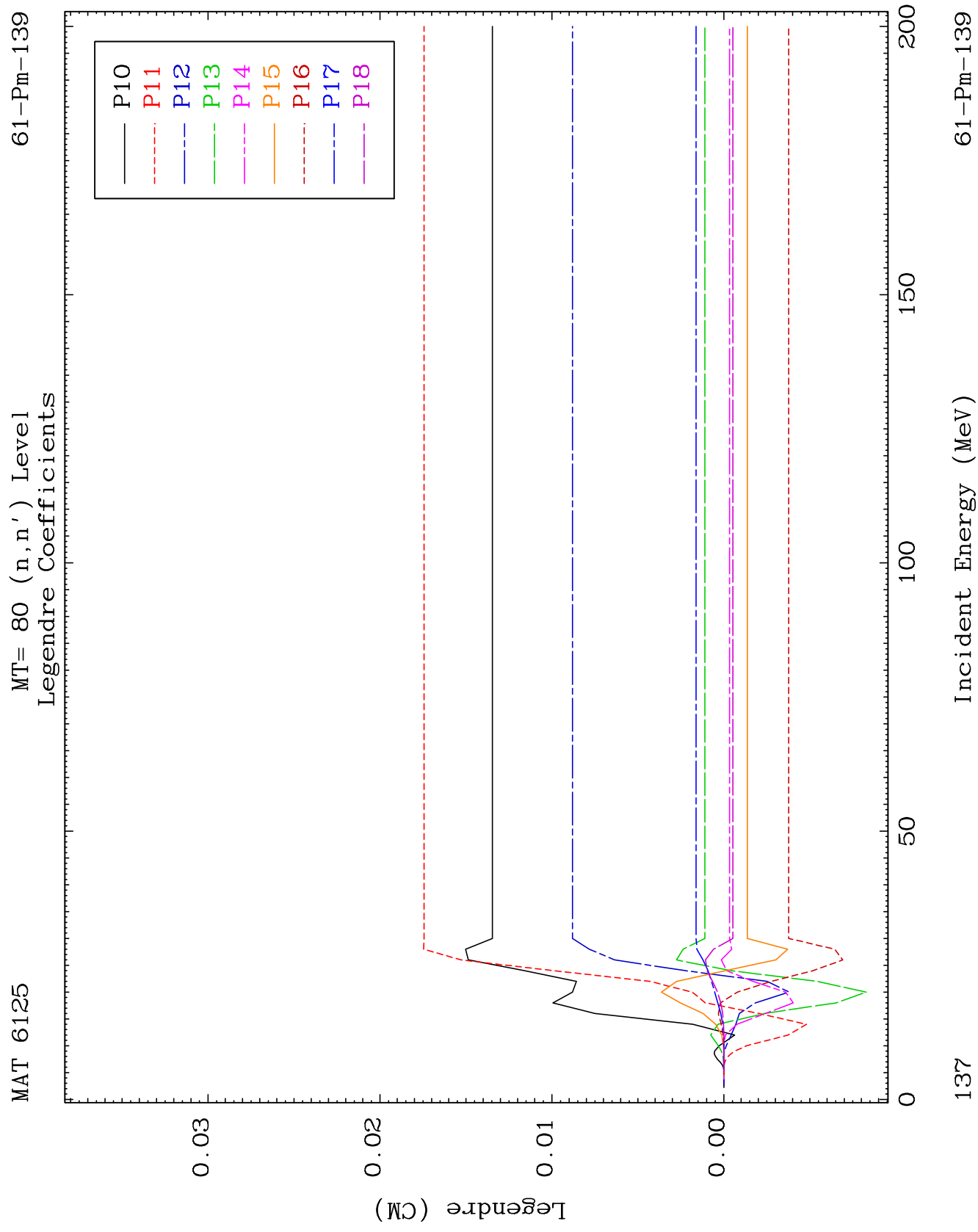


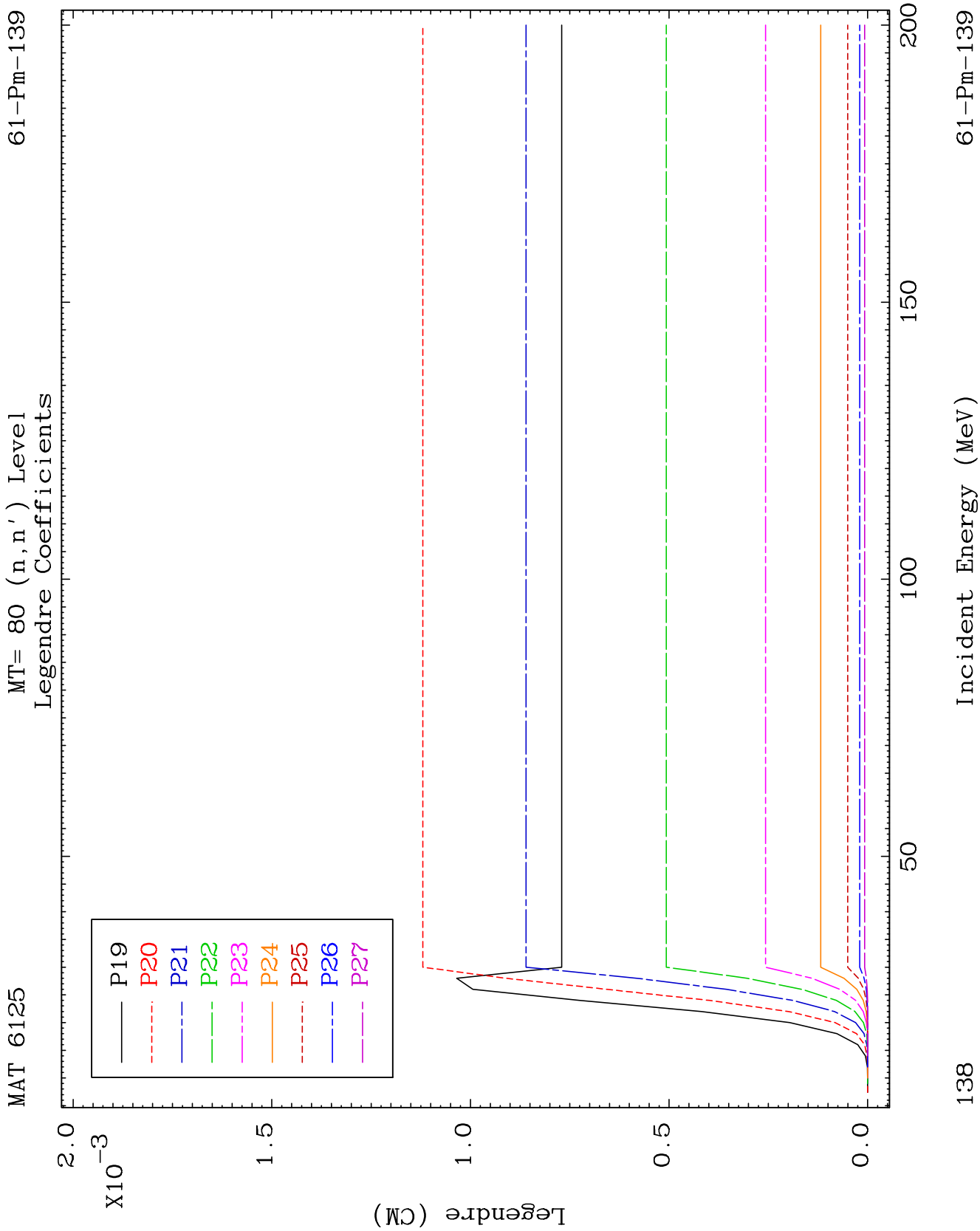
MAT 6125

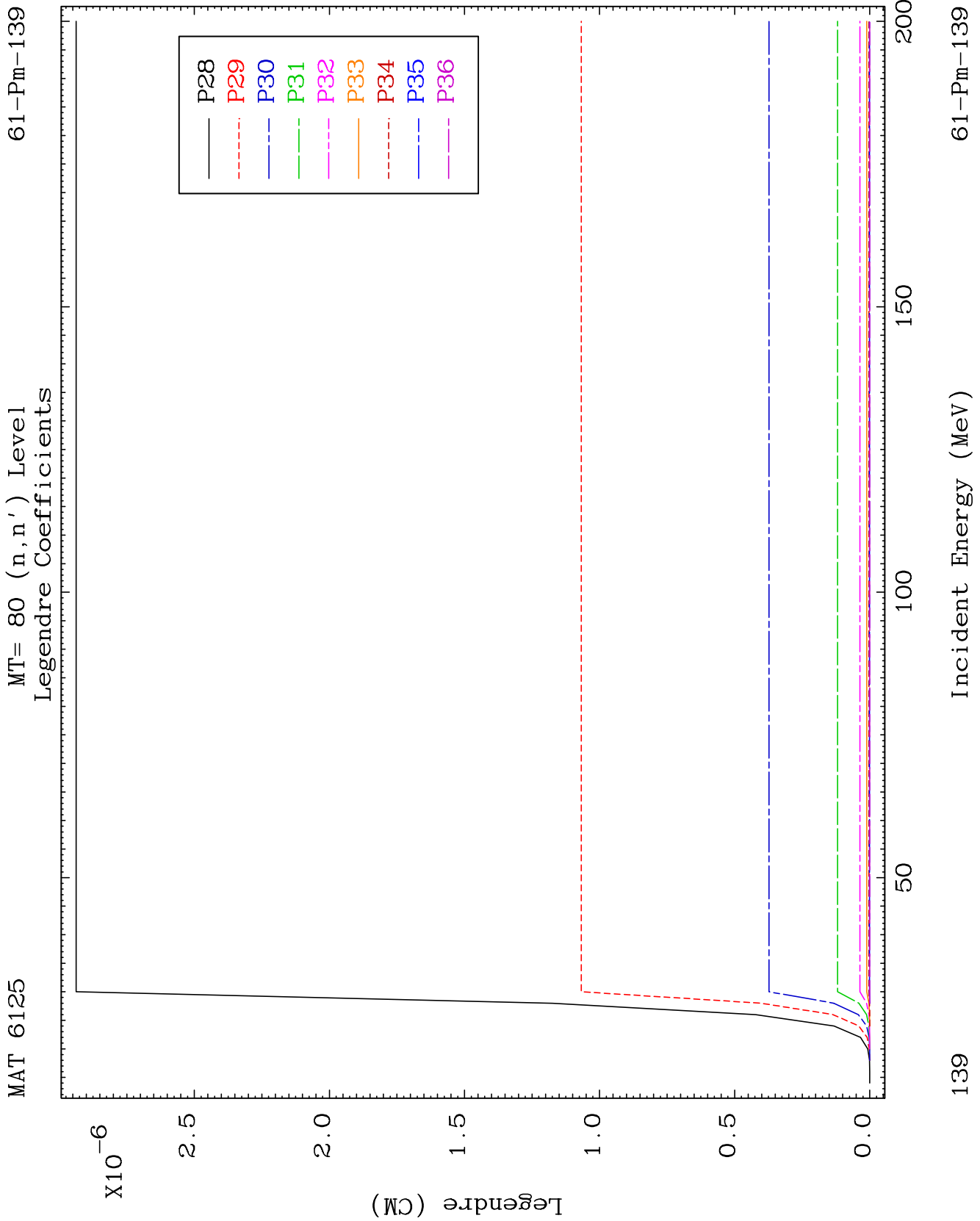
MT= 80 (n, n') Level
Legendre Coefficients

61-Pm-139





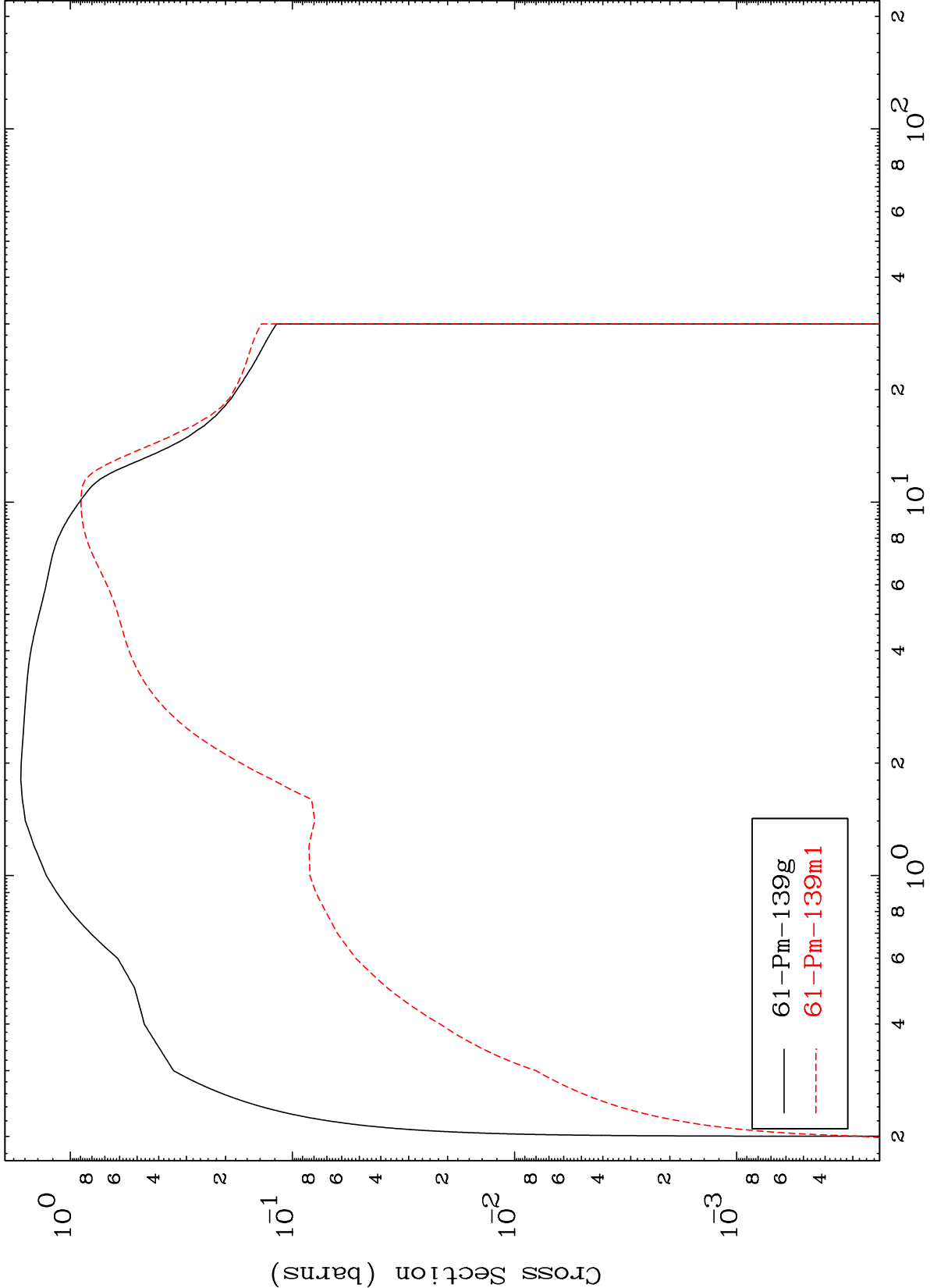




MAT 6125

61-Pm-139

Inelastic
Radionuclide Production Cross Section



140

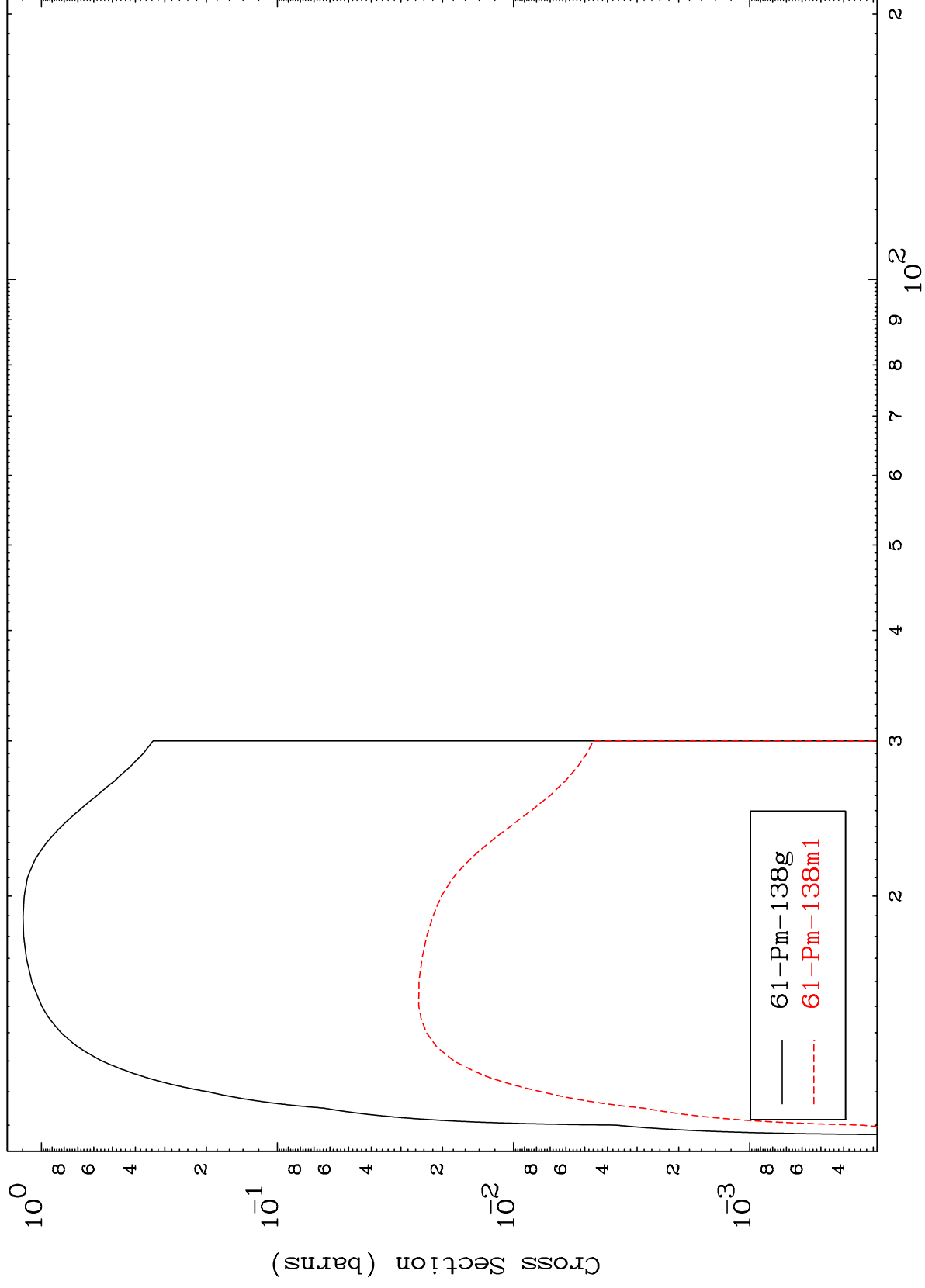
Incident Energy (MeV)

61-Pm-139

MAT 6125

61-Pm-139

(n,2n)
Radionuclide Production Cross Section



61-Pm-139

Incident Energy (MeV)

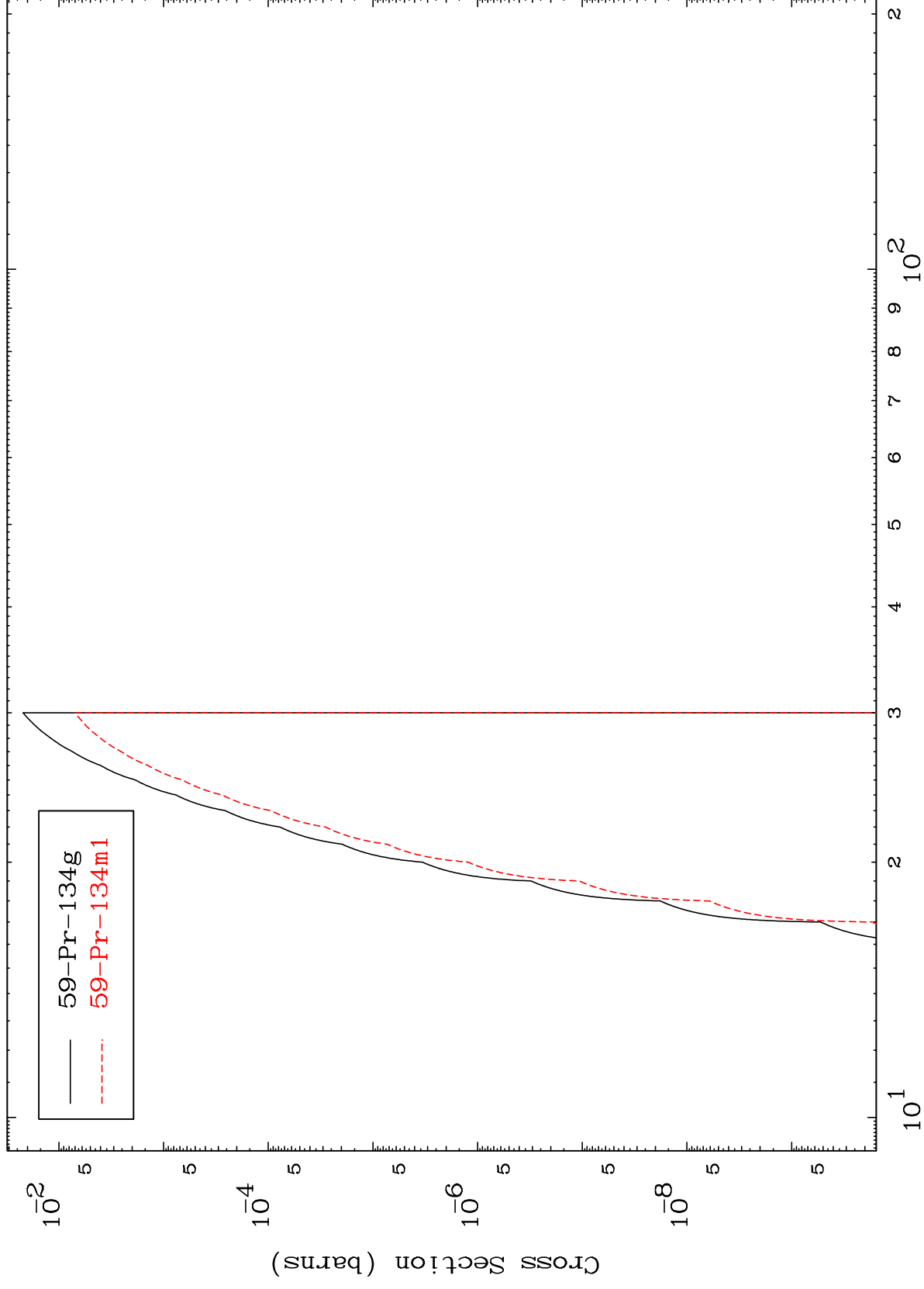
141

MAT 6125

61-Pm-139

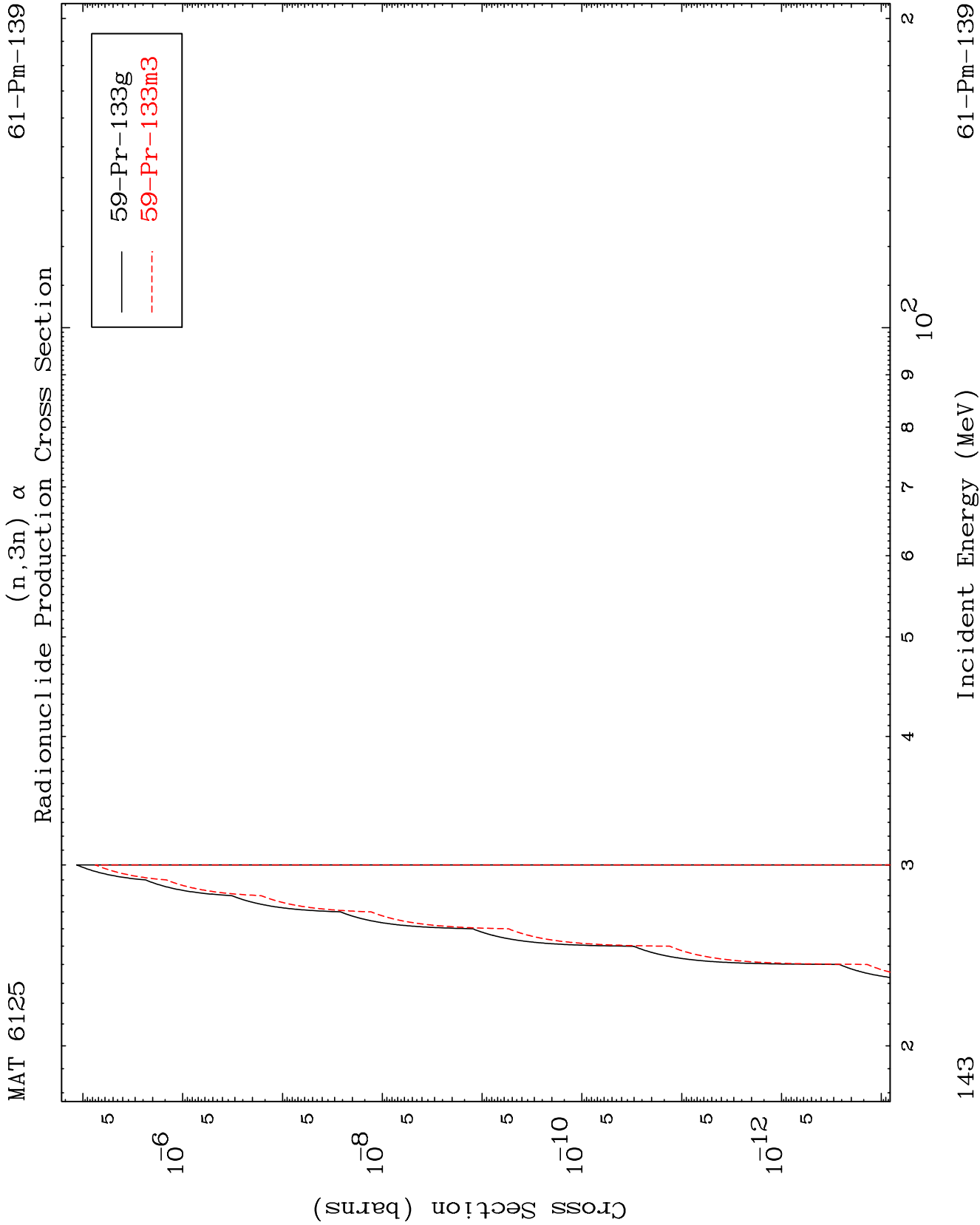
$$(n, 2n) \propto$$

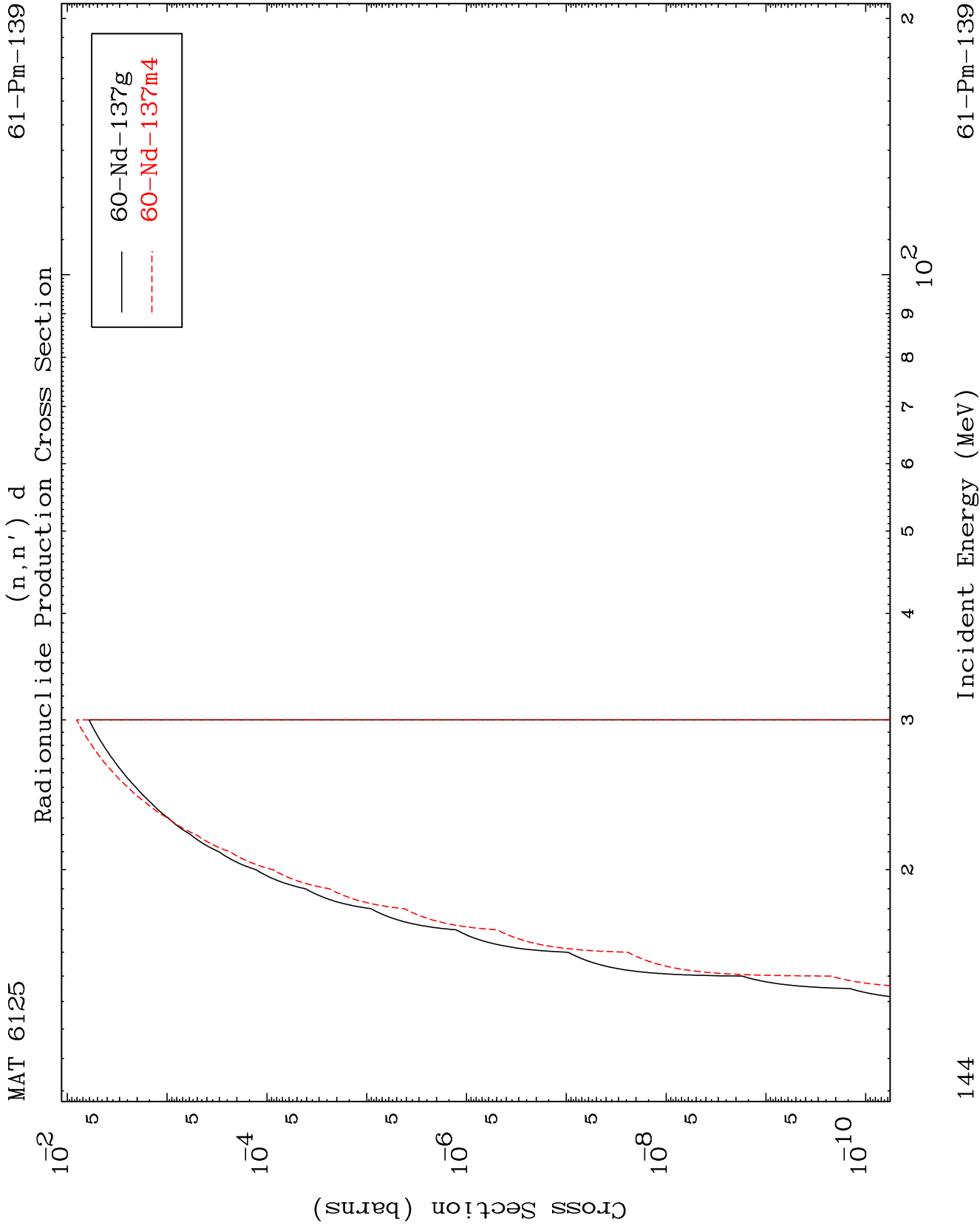
Radionuclide Production Cross Section

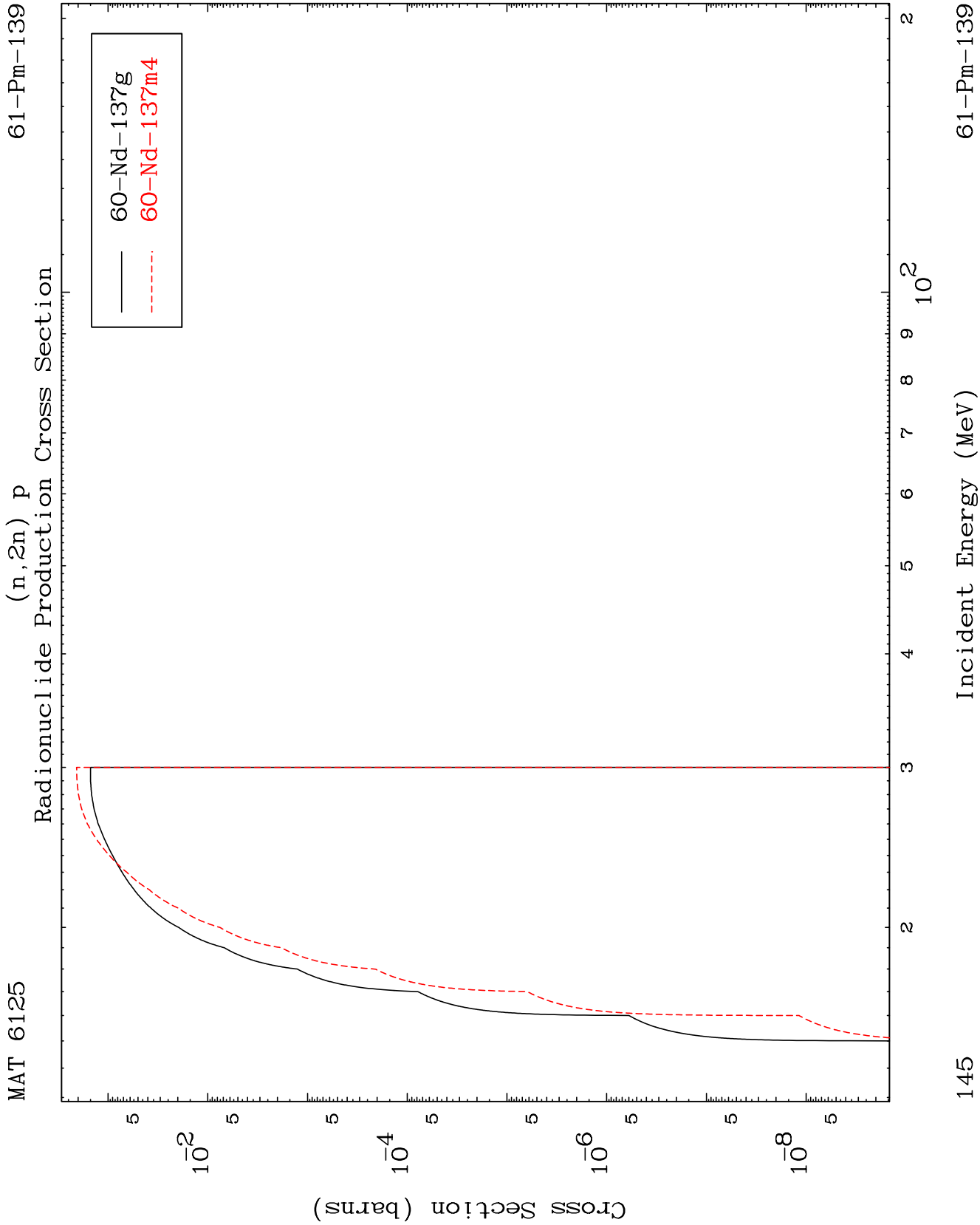


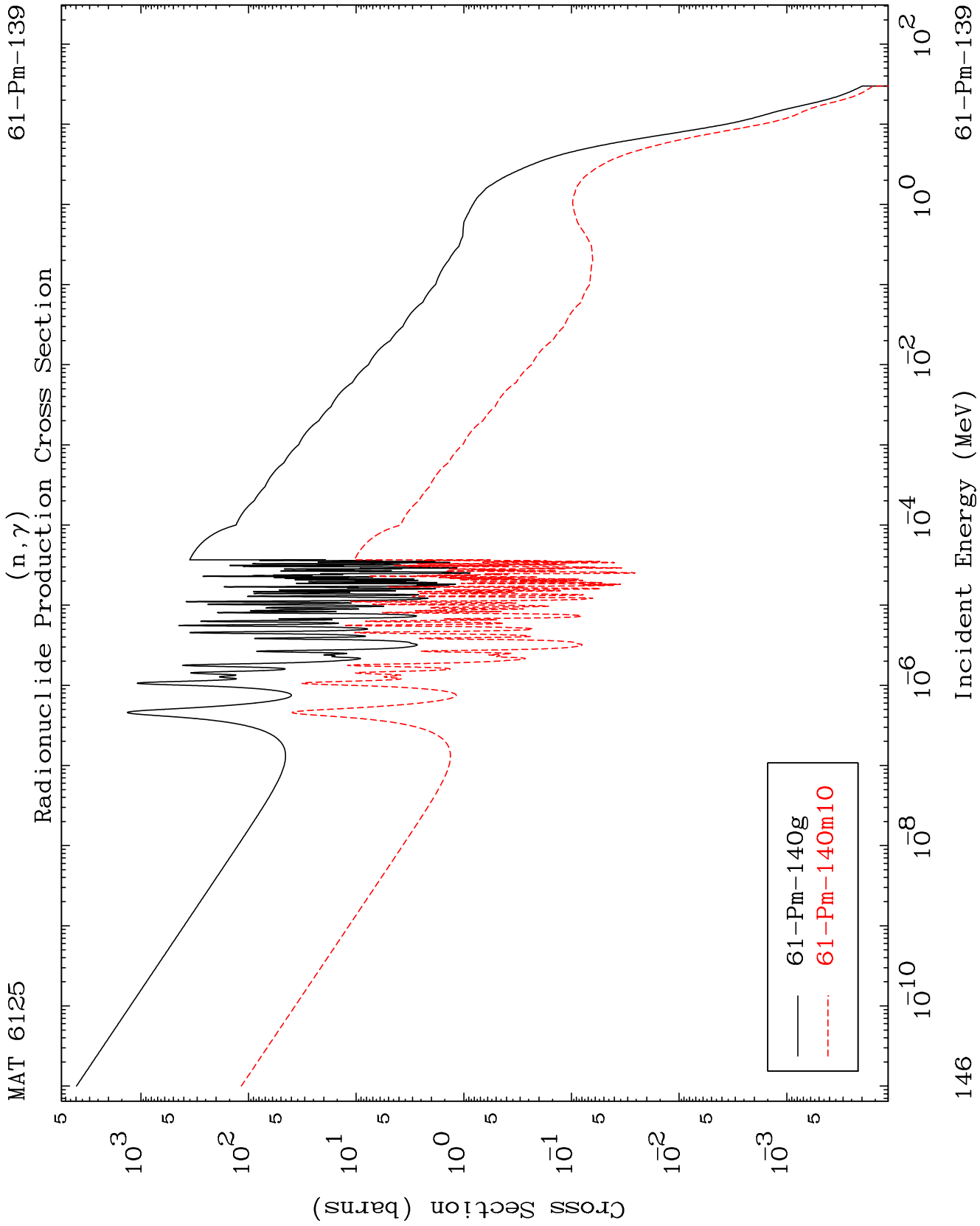
61-Pm-139

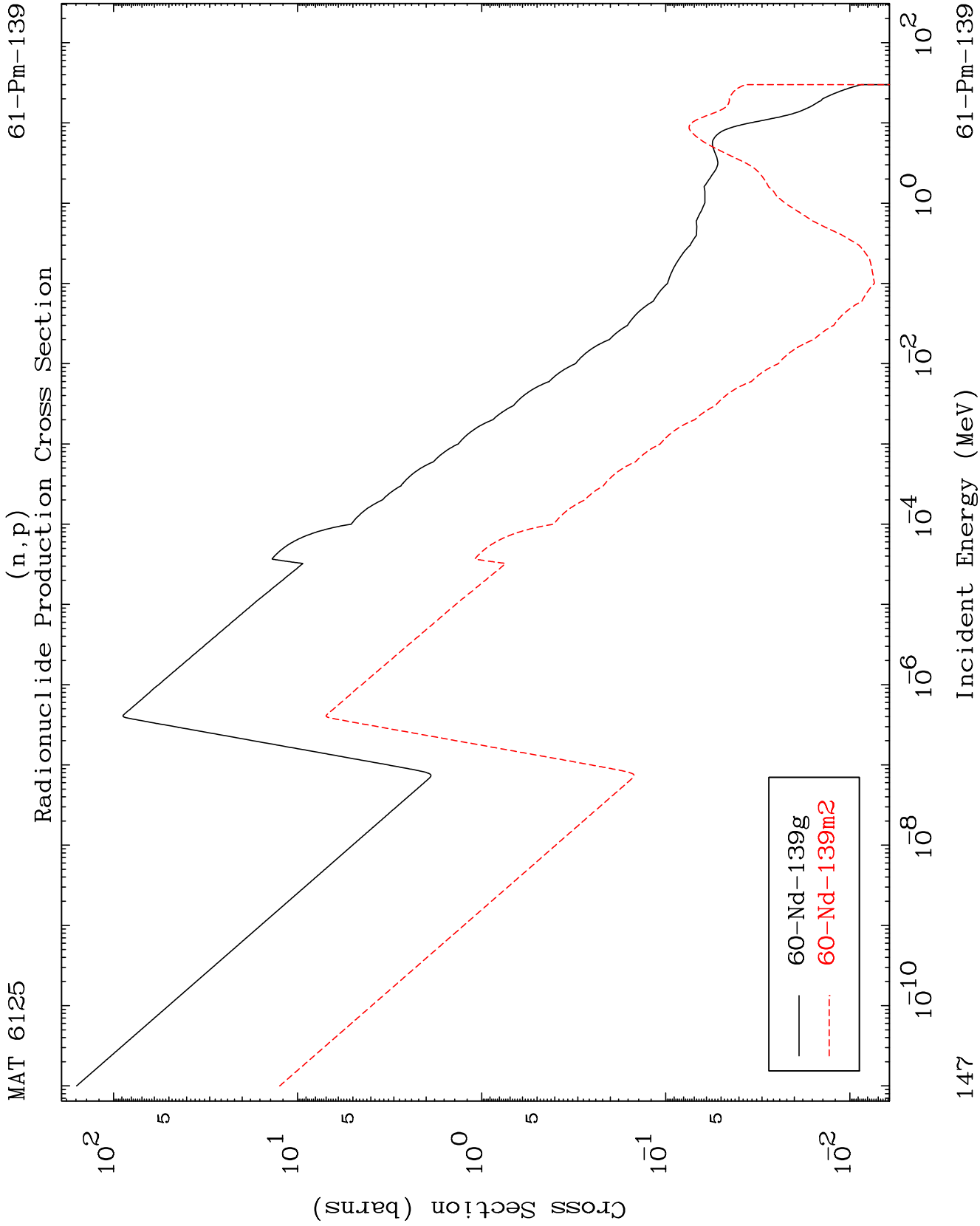
Incident Energy (MeV)

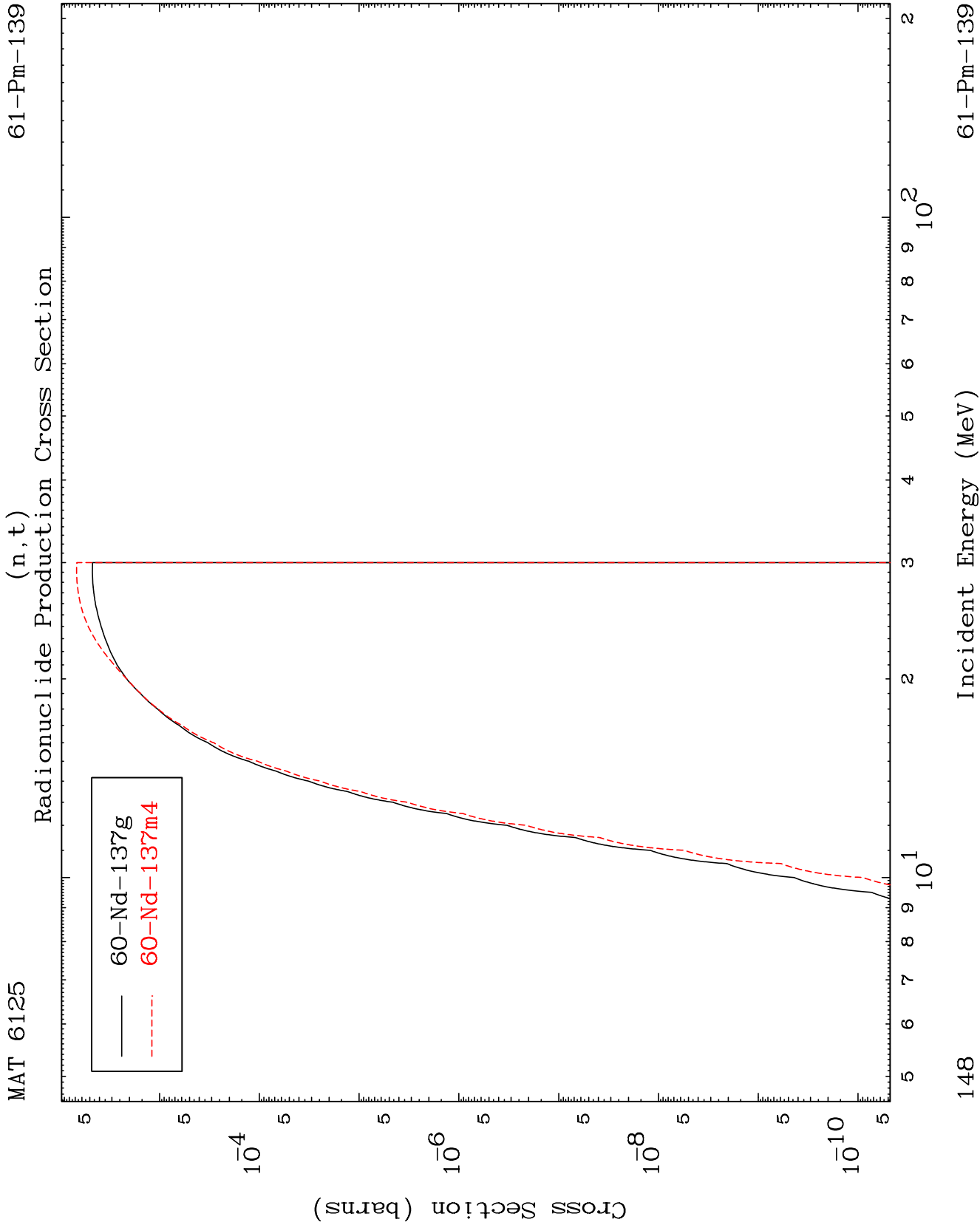












Radionuclide Production Cross Section
(n,2α)

