

Program EVALPLOT
(Version 2021-1)

by

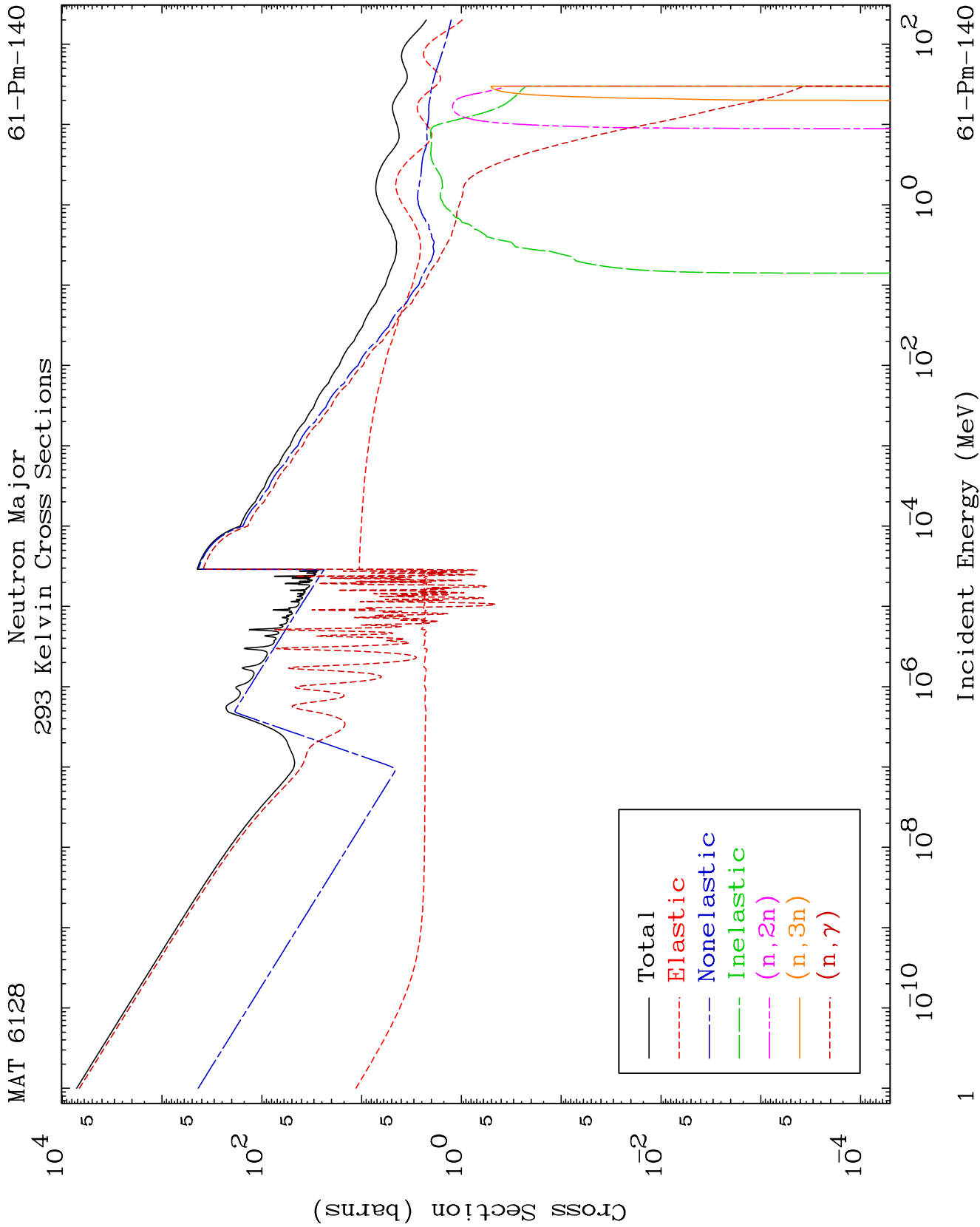
Dermott E. Cullen
(Present Contact Information)

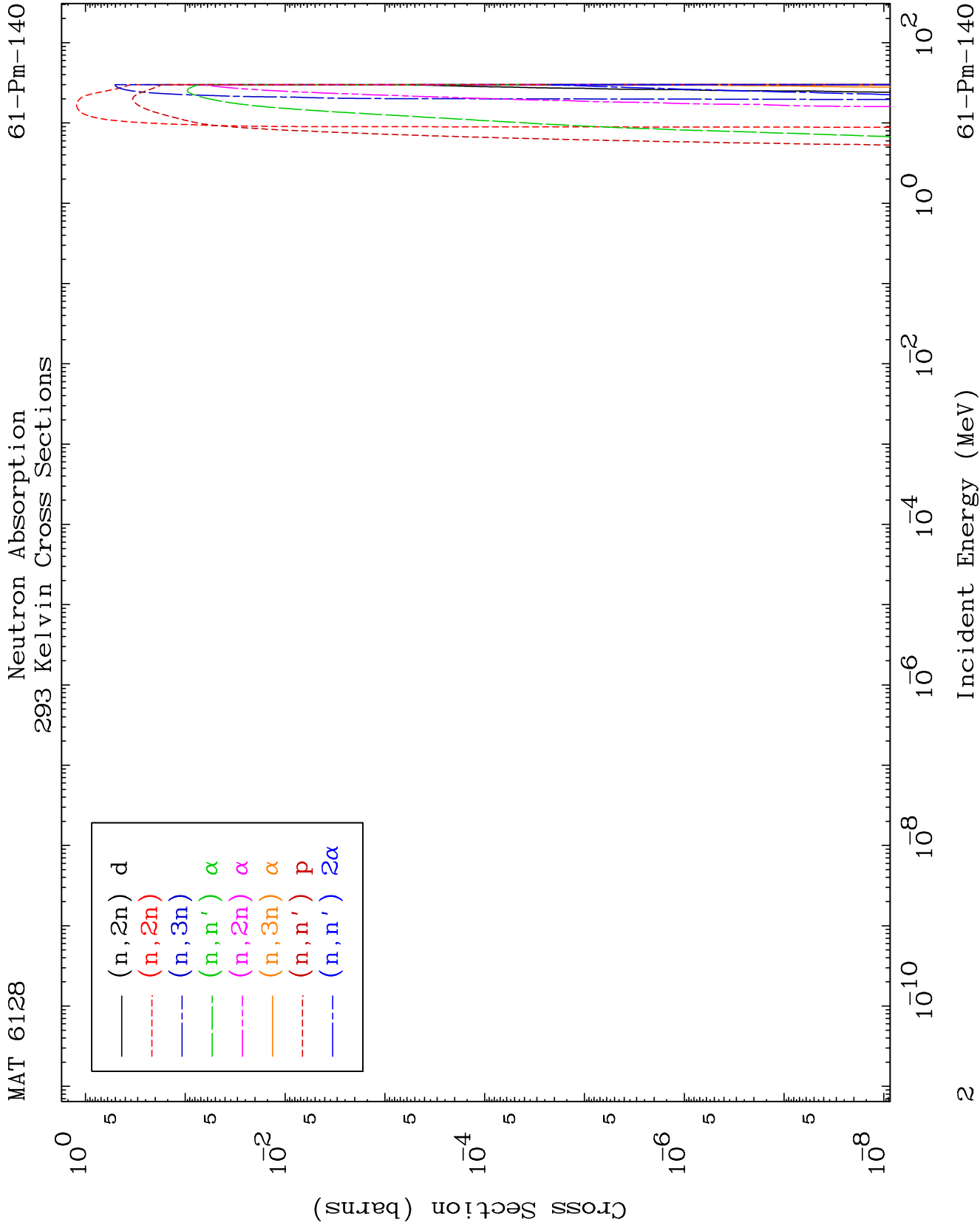
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

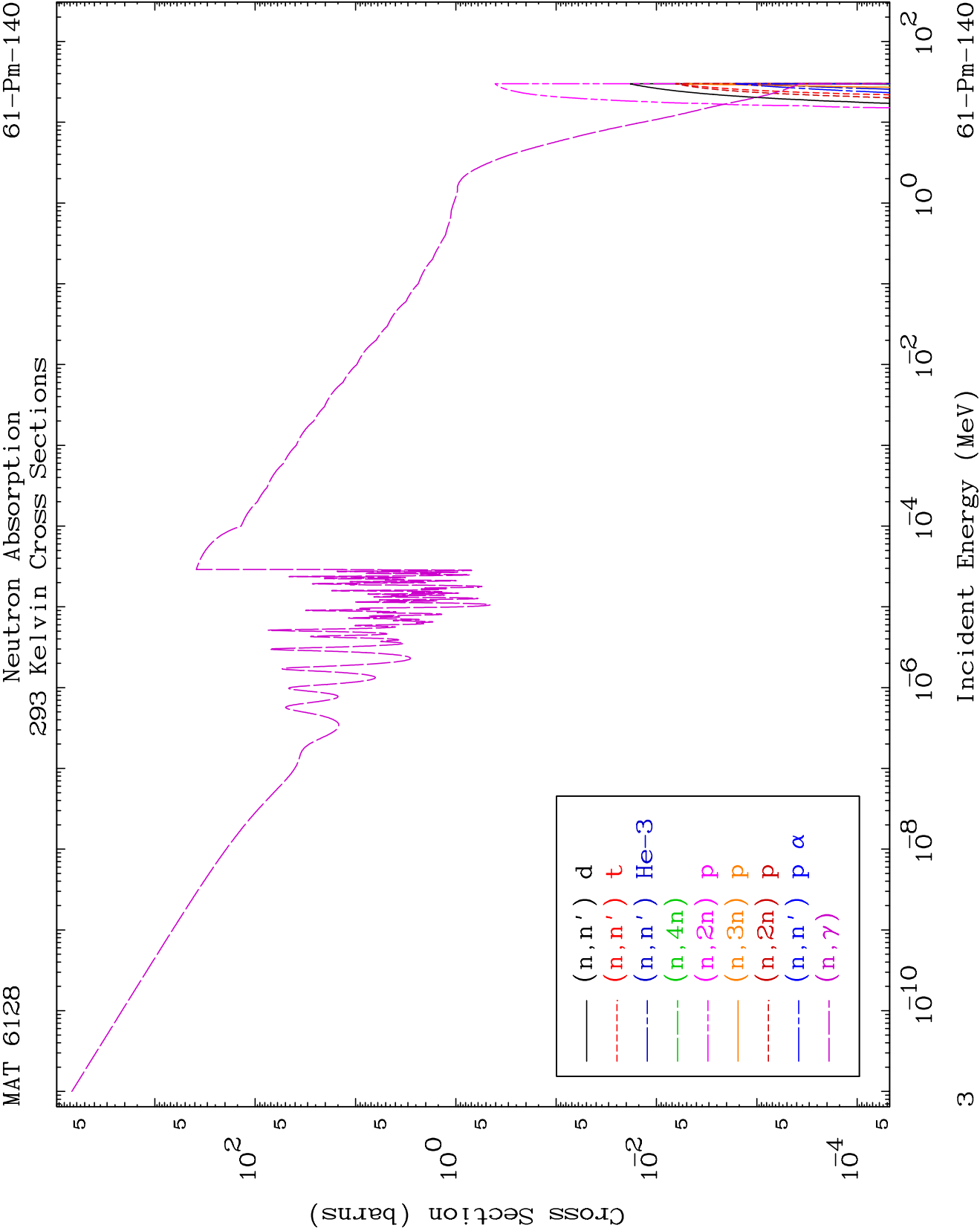
Tele: 925-443-1911

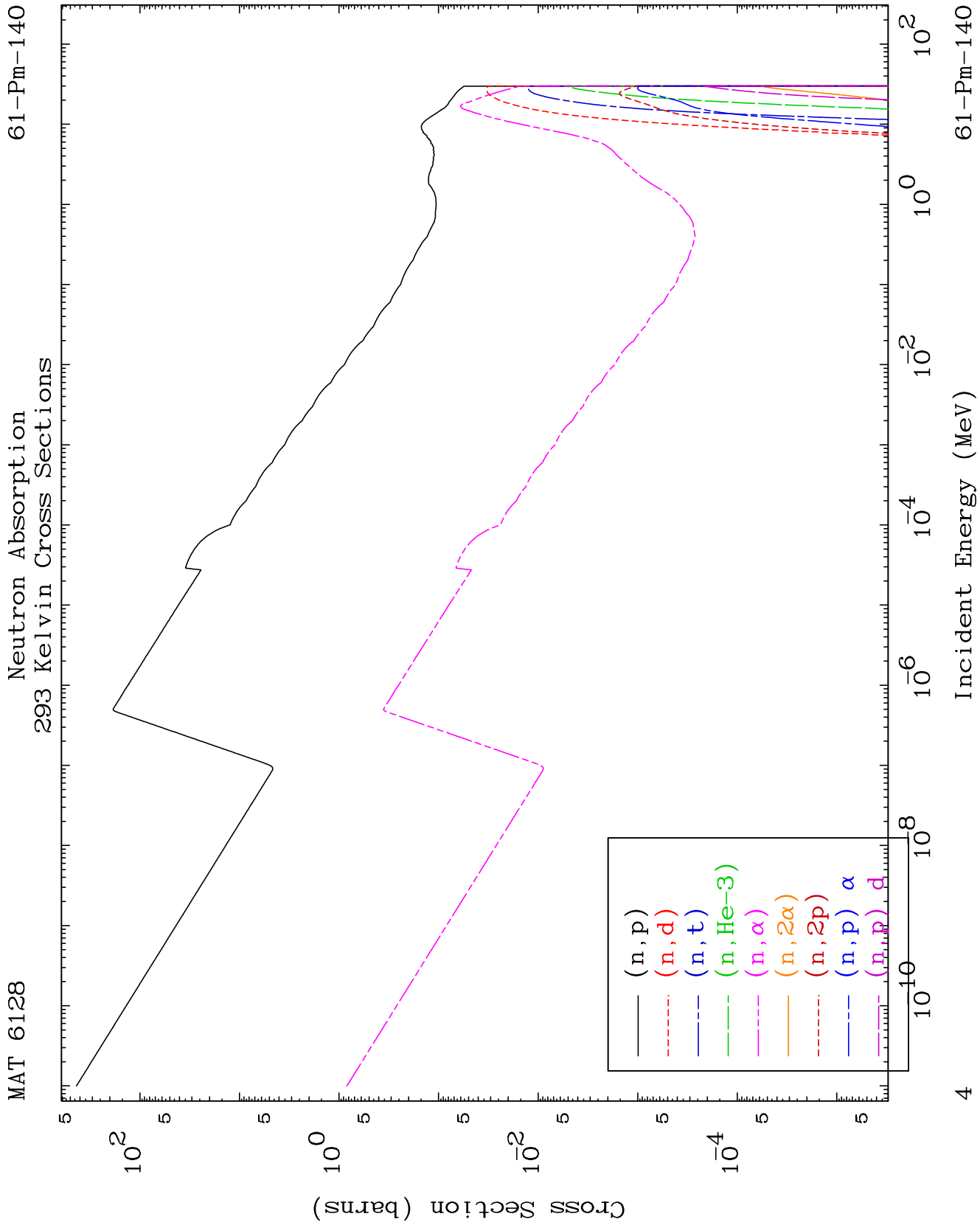
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

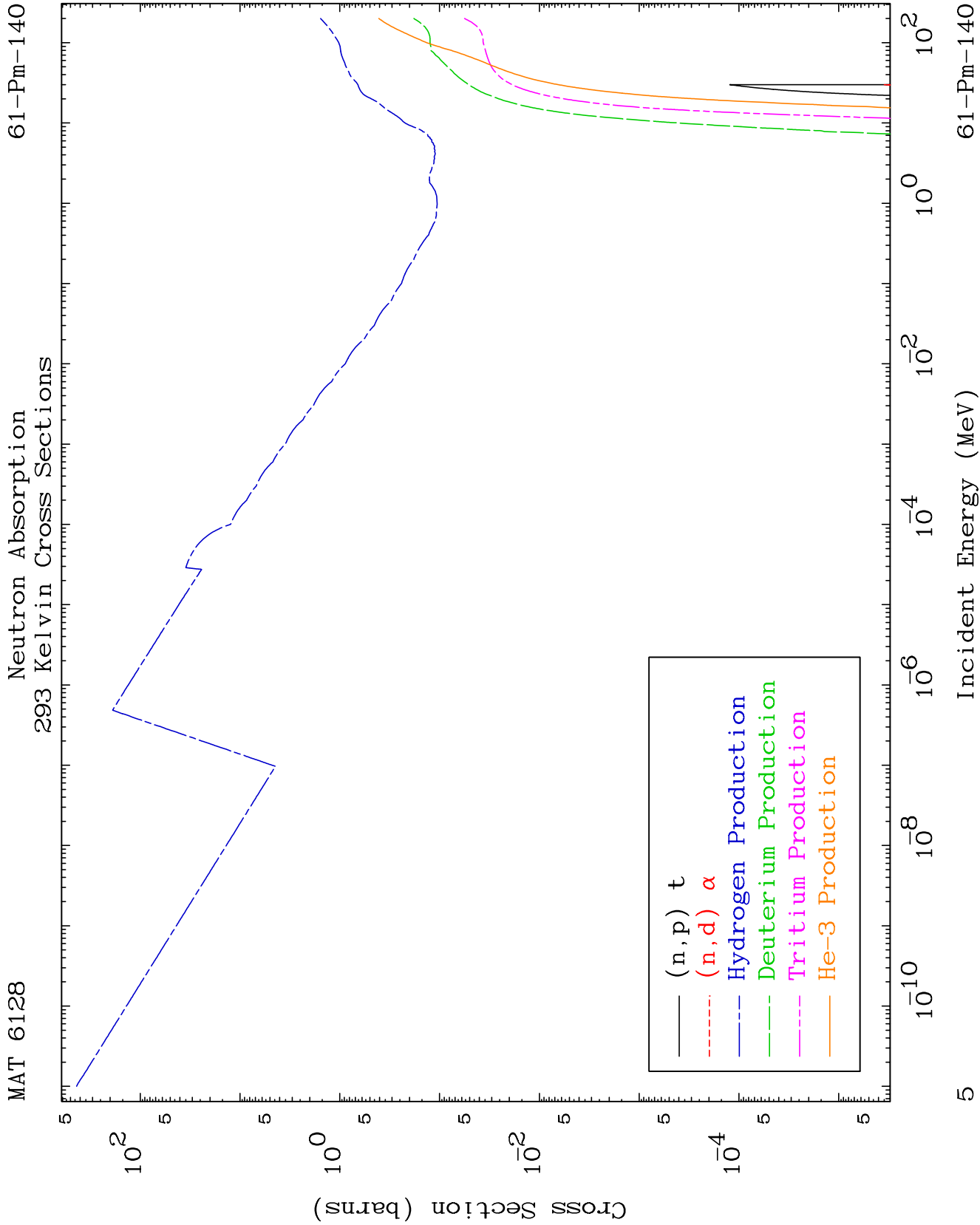
Press Mouse Button to Start







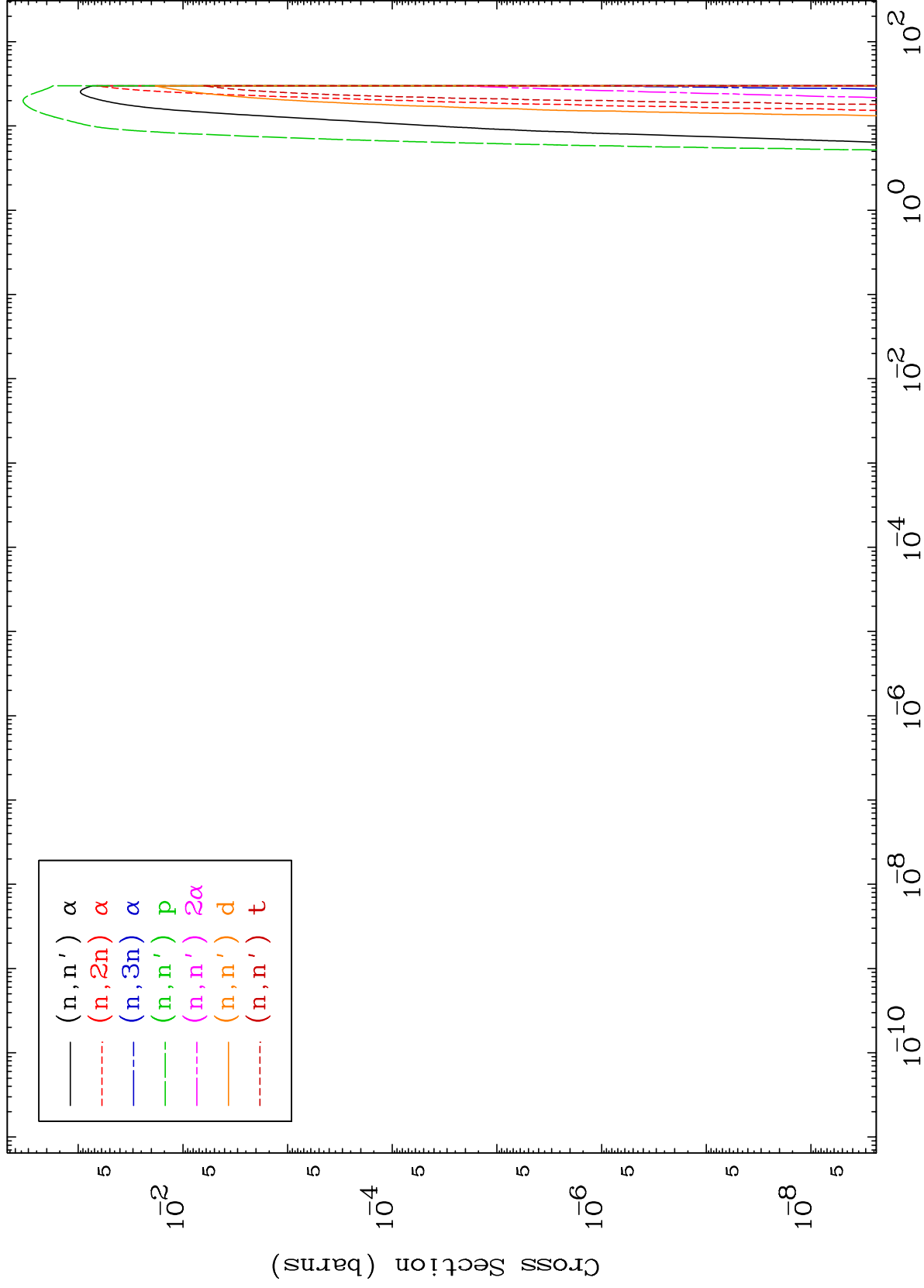


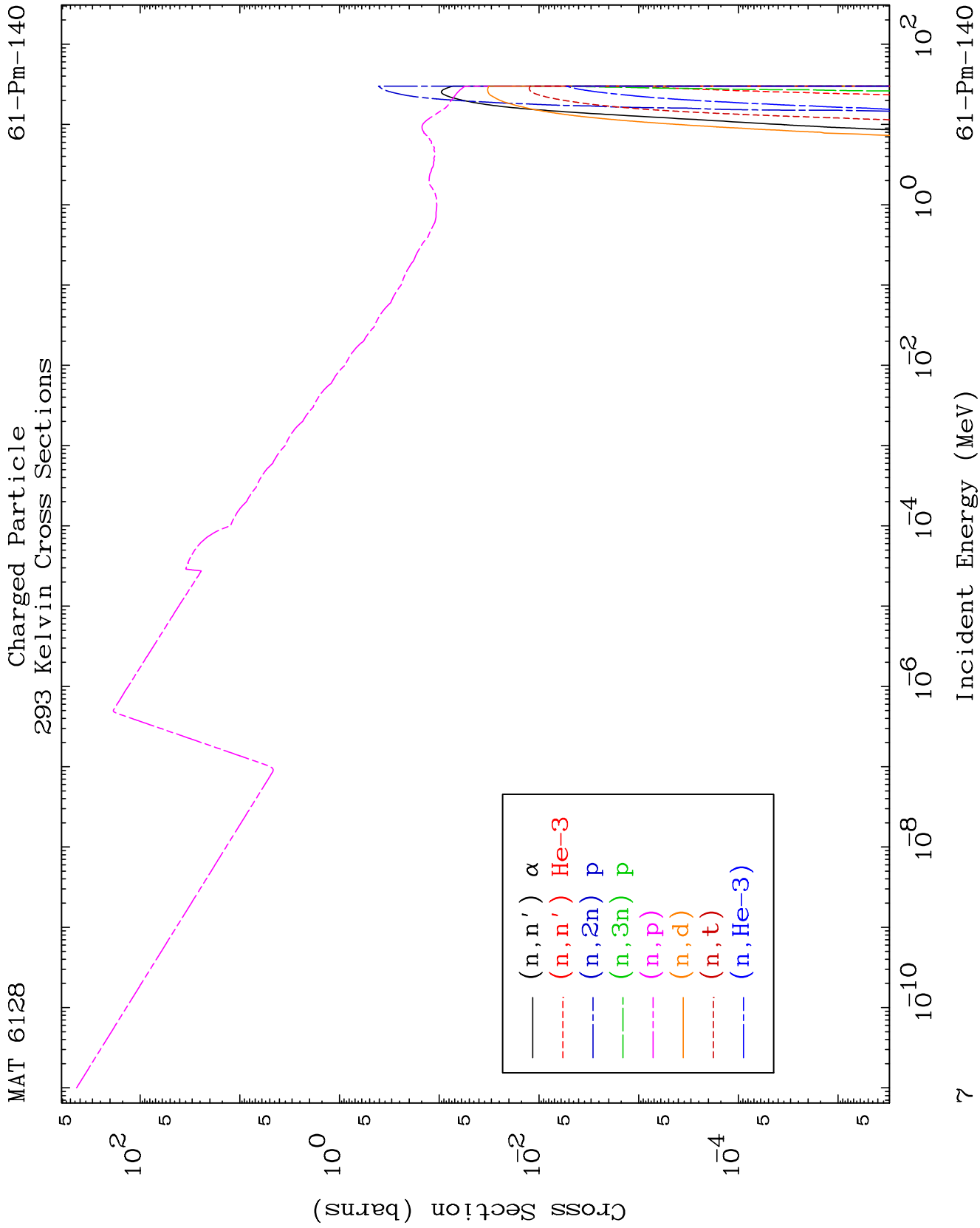


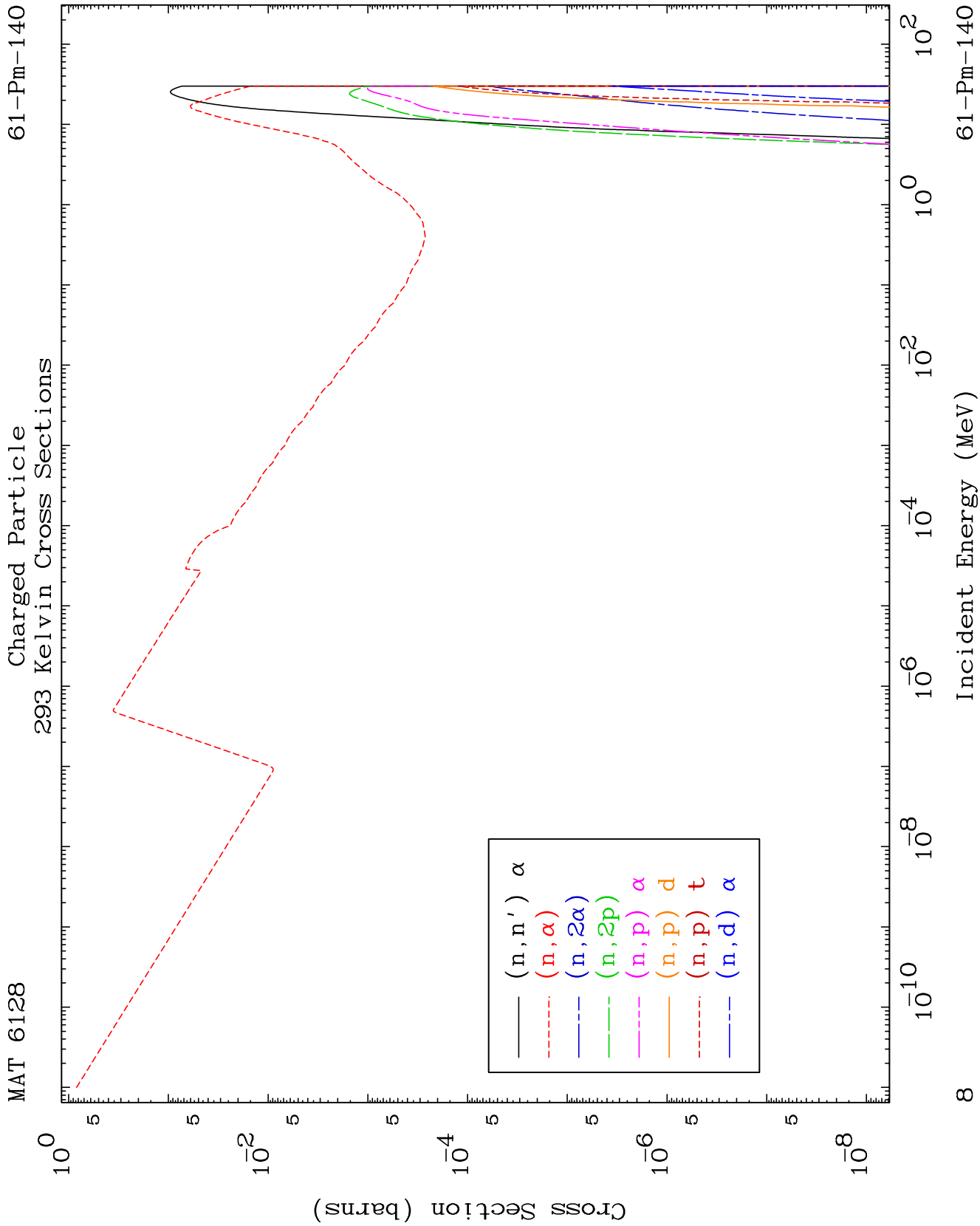
MAT 6128

Charged Particle
293 Kelvin Cross Sections

61-Pm-140



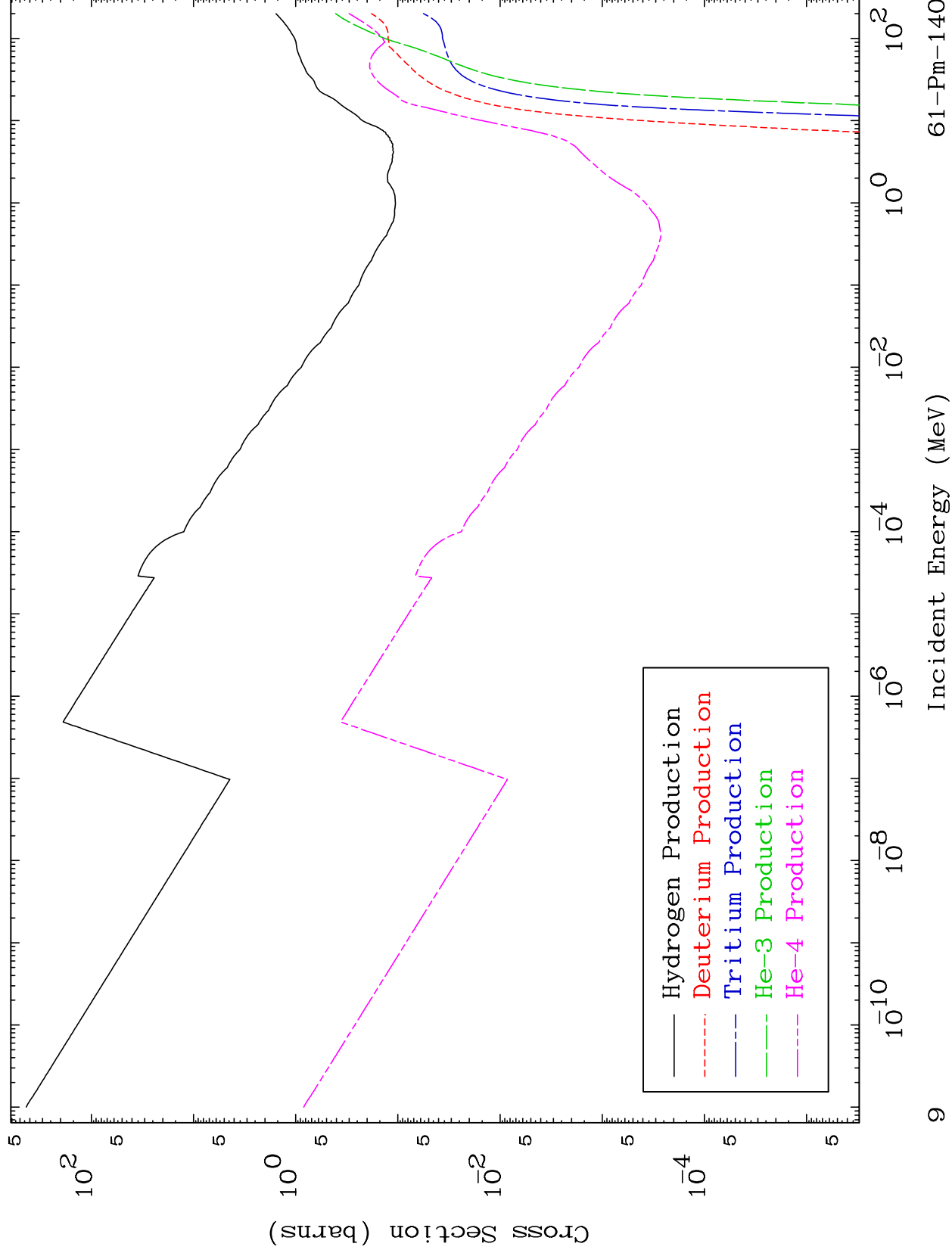




MAT 6128

Particle Production
293 Kelvin Cross Sections

61-Pm-140

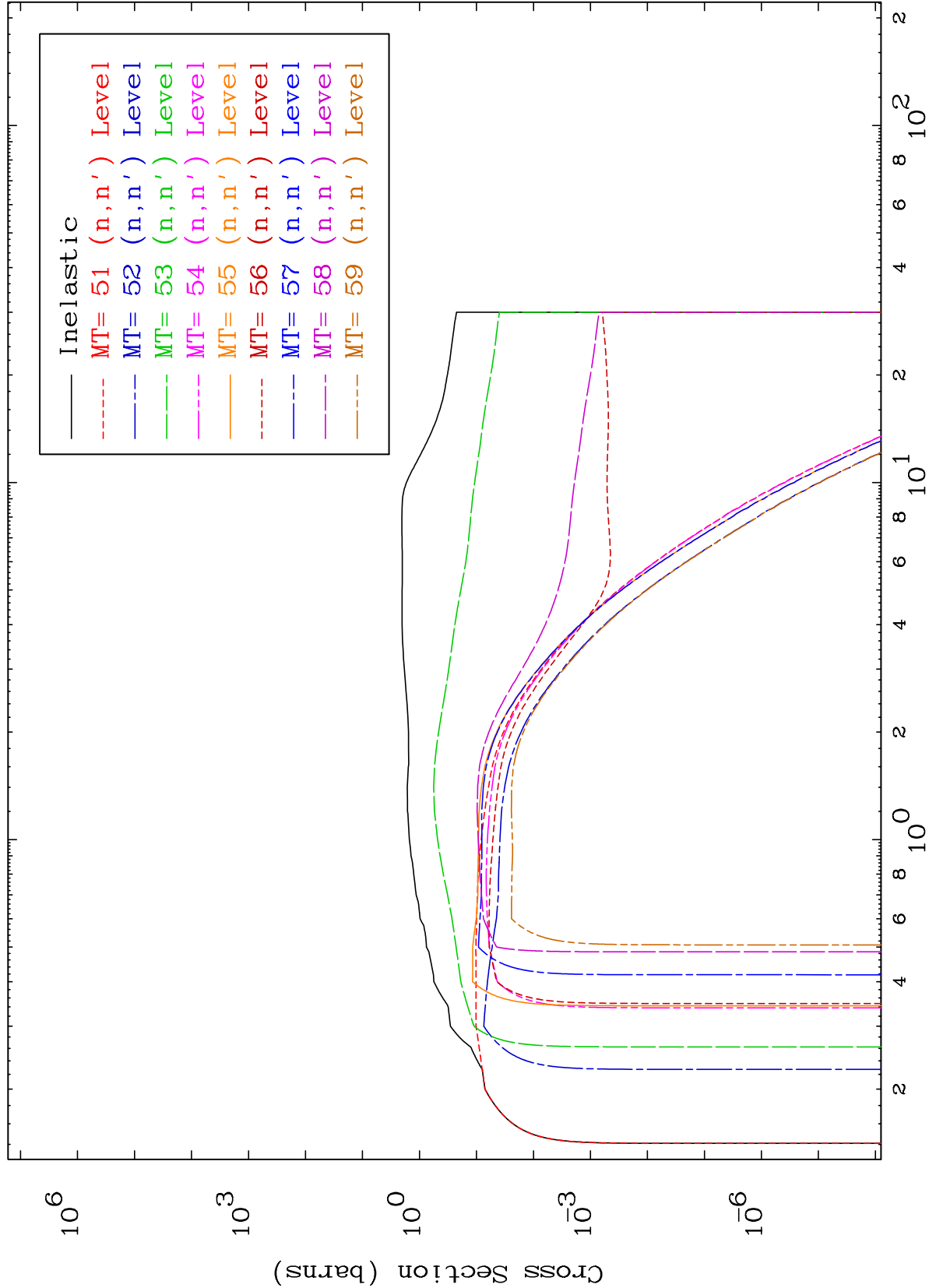


MAT 6128

(n,n') Levels

61-Pm-140

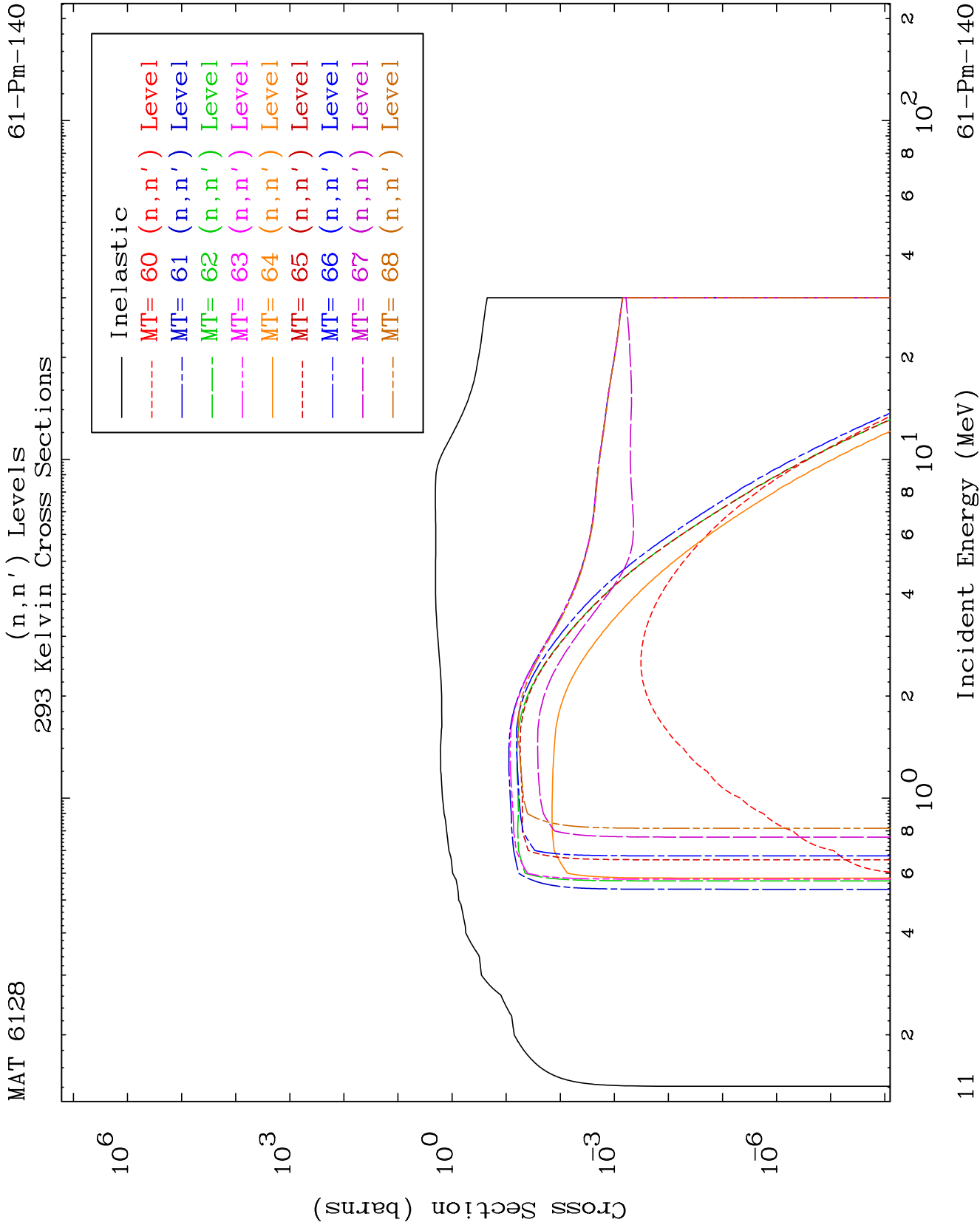
293 Kelvin Cross Sections

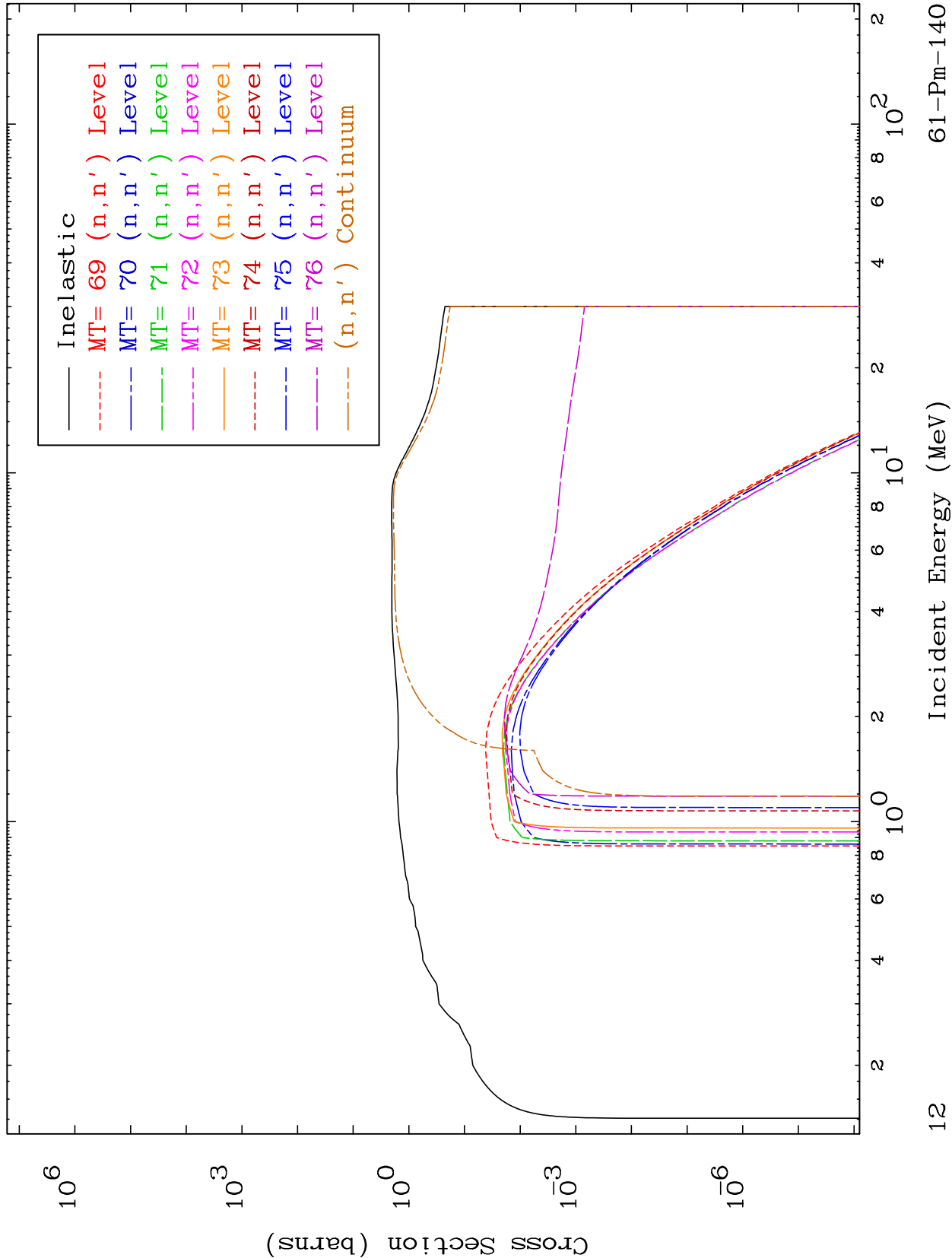


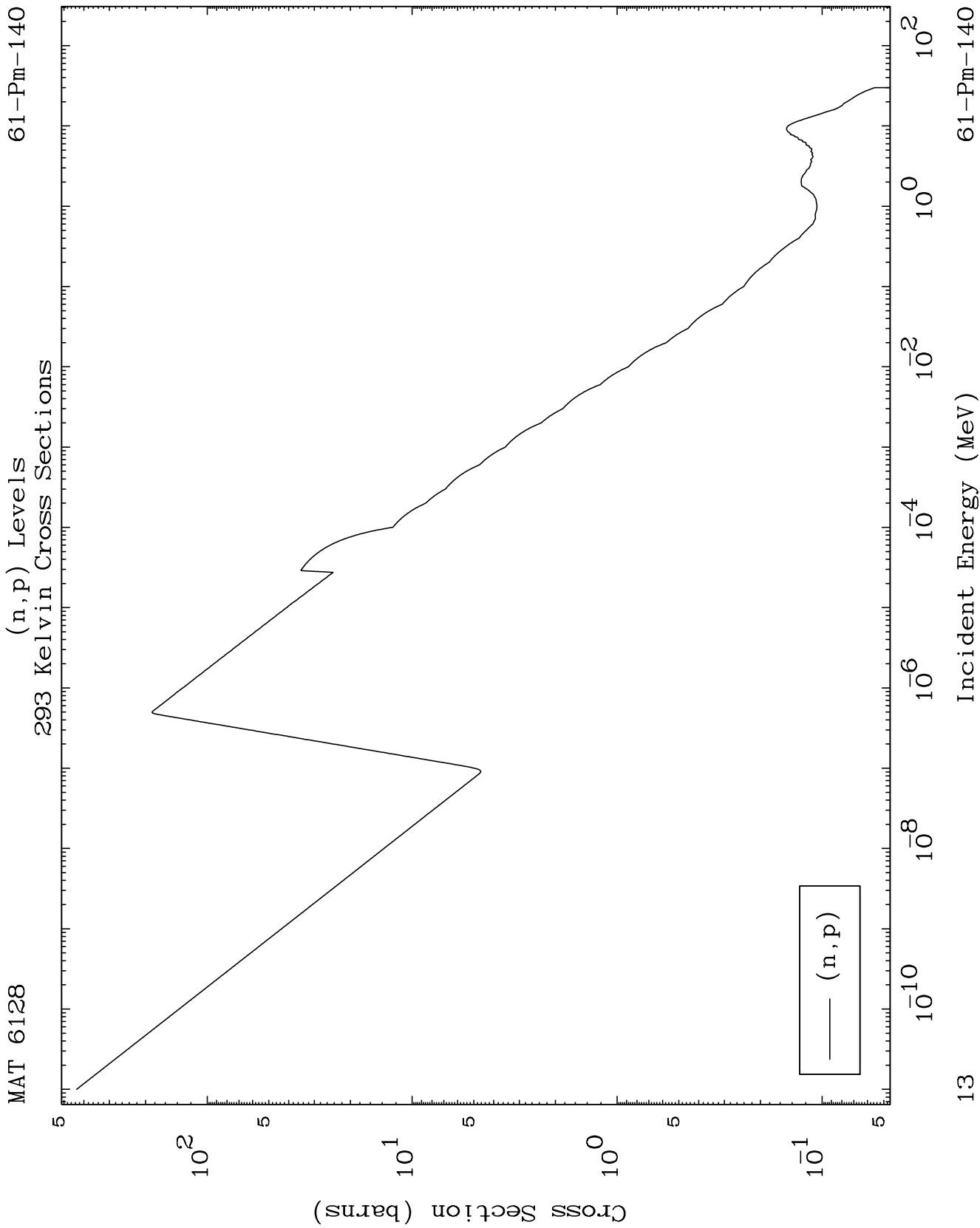
10

Incident Energy (MeV)

61-Pm-140



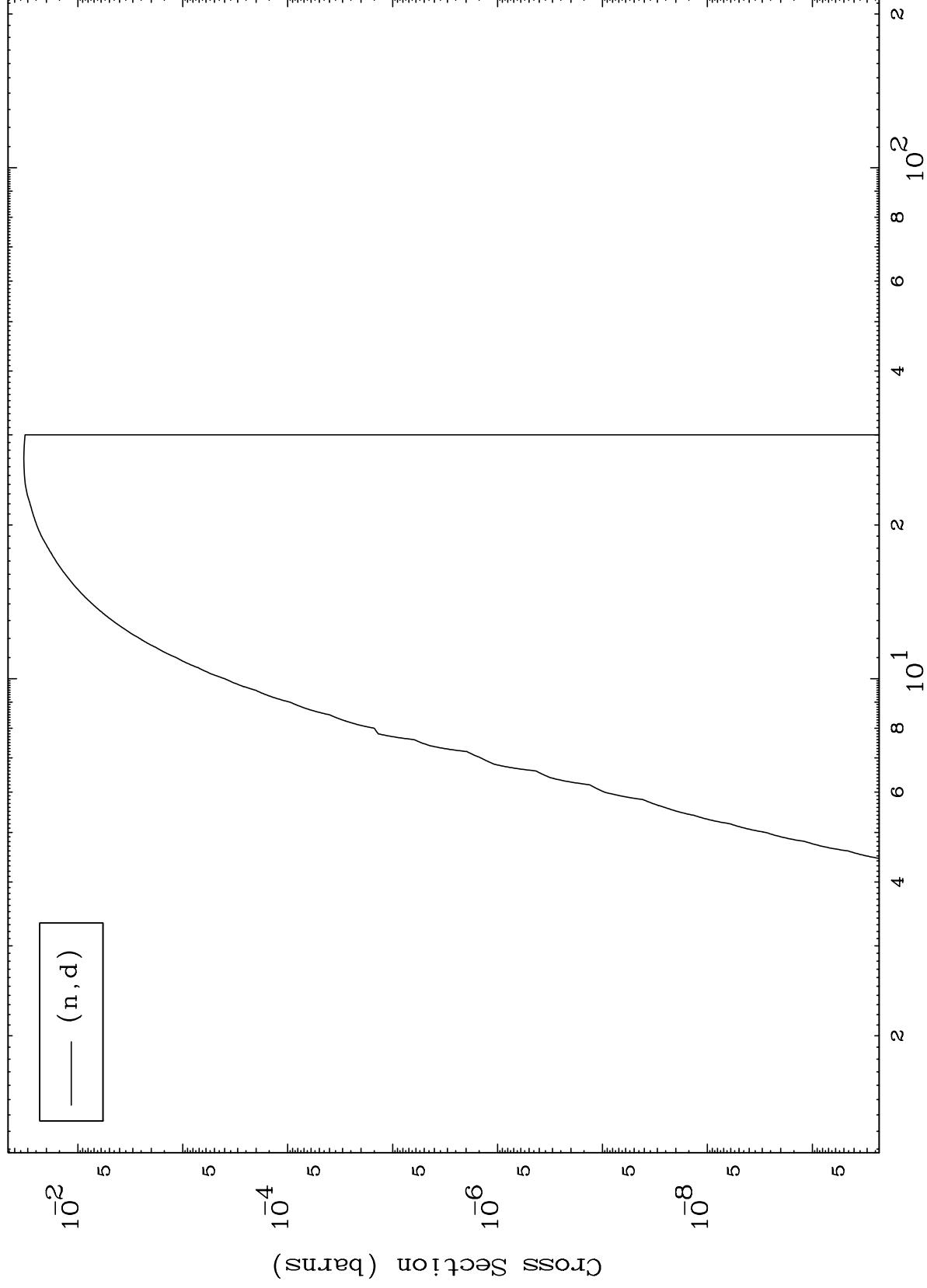




MAT 6128

61-Pm-140

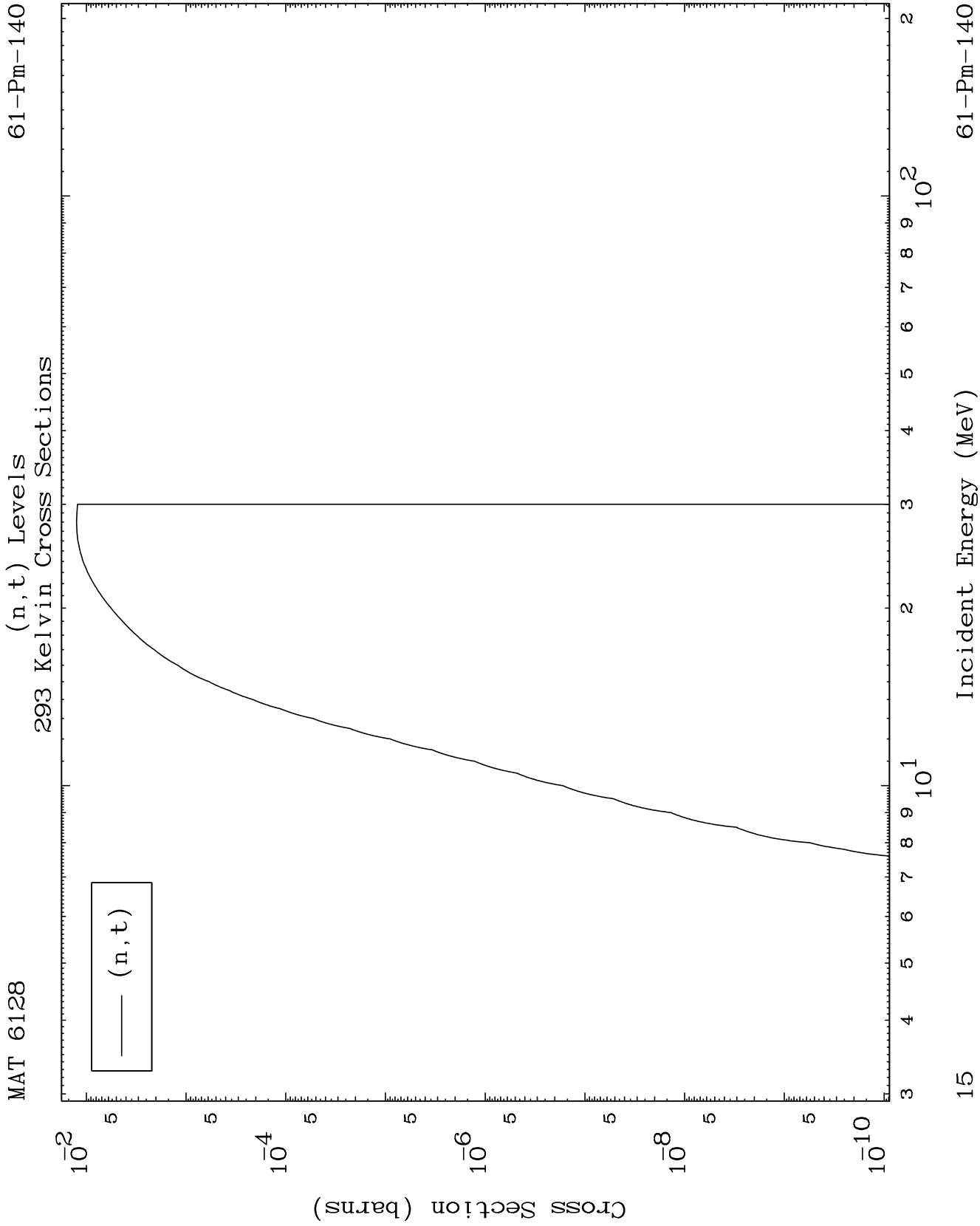
(n,d) Levels
293 Kelvin Cross Sections

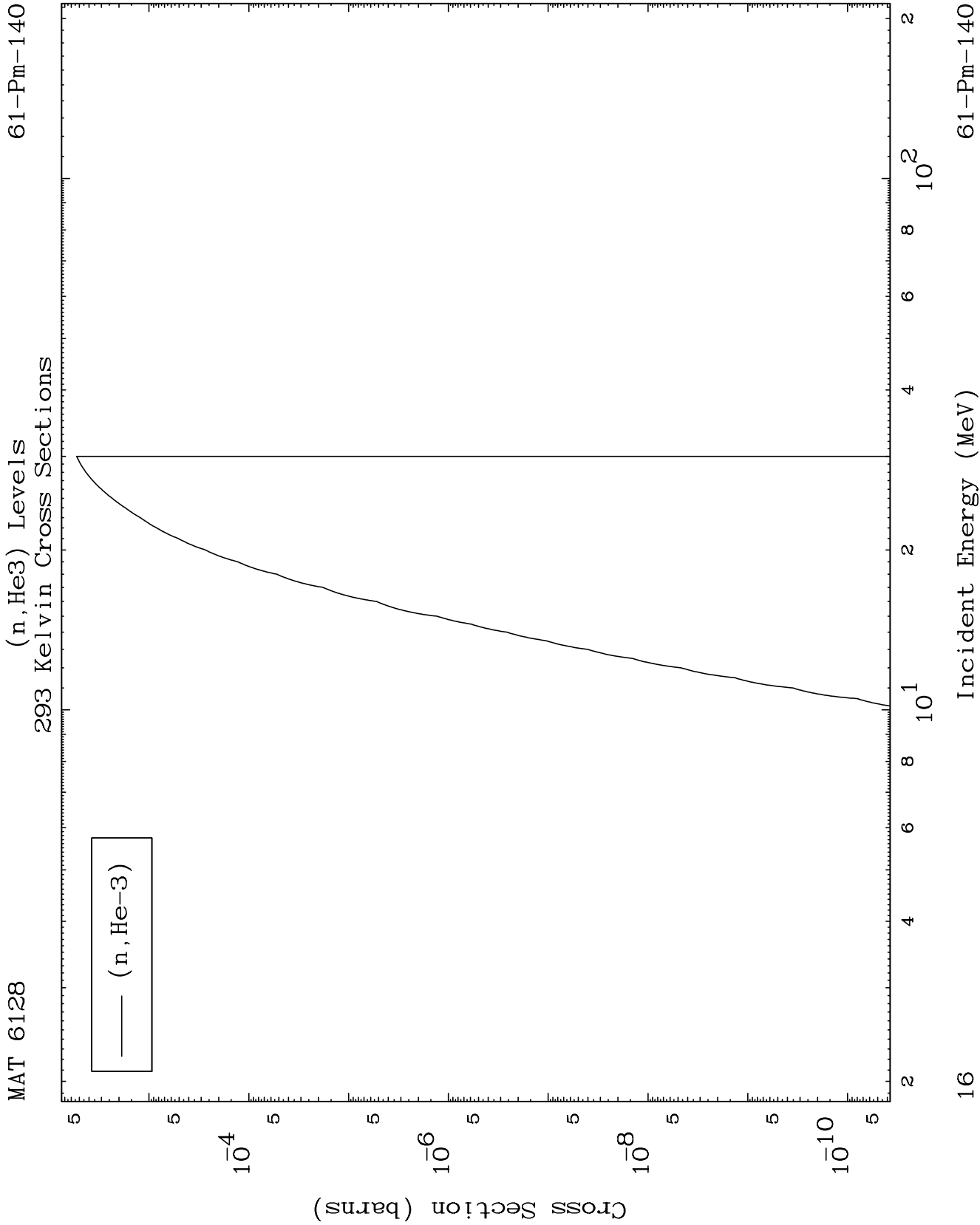


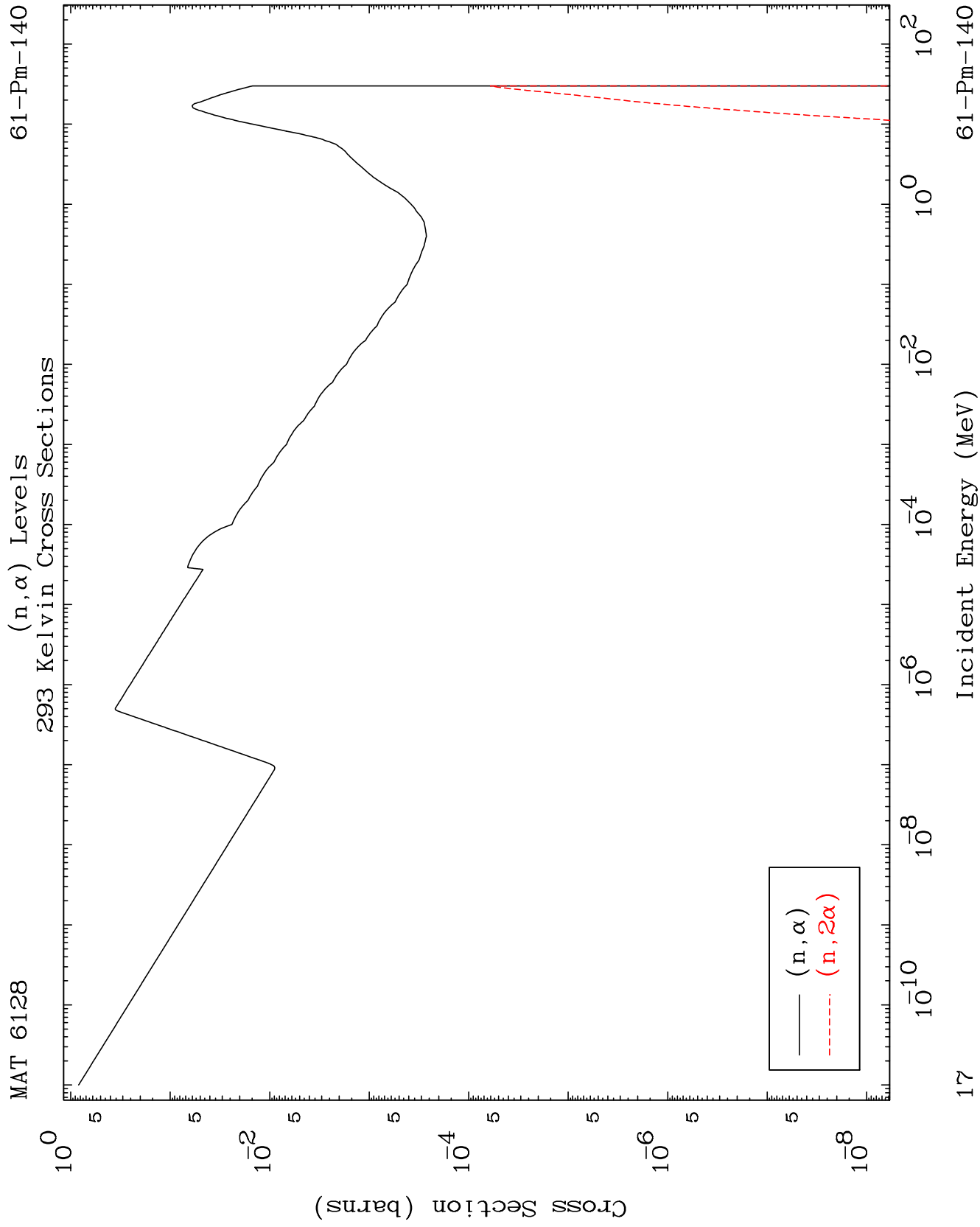
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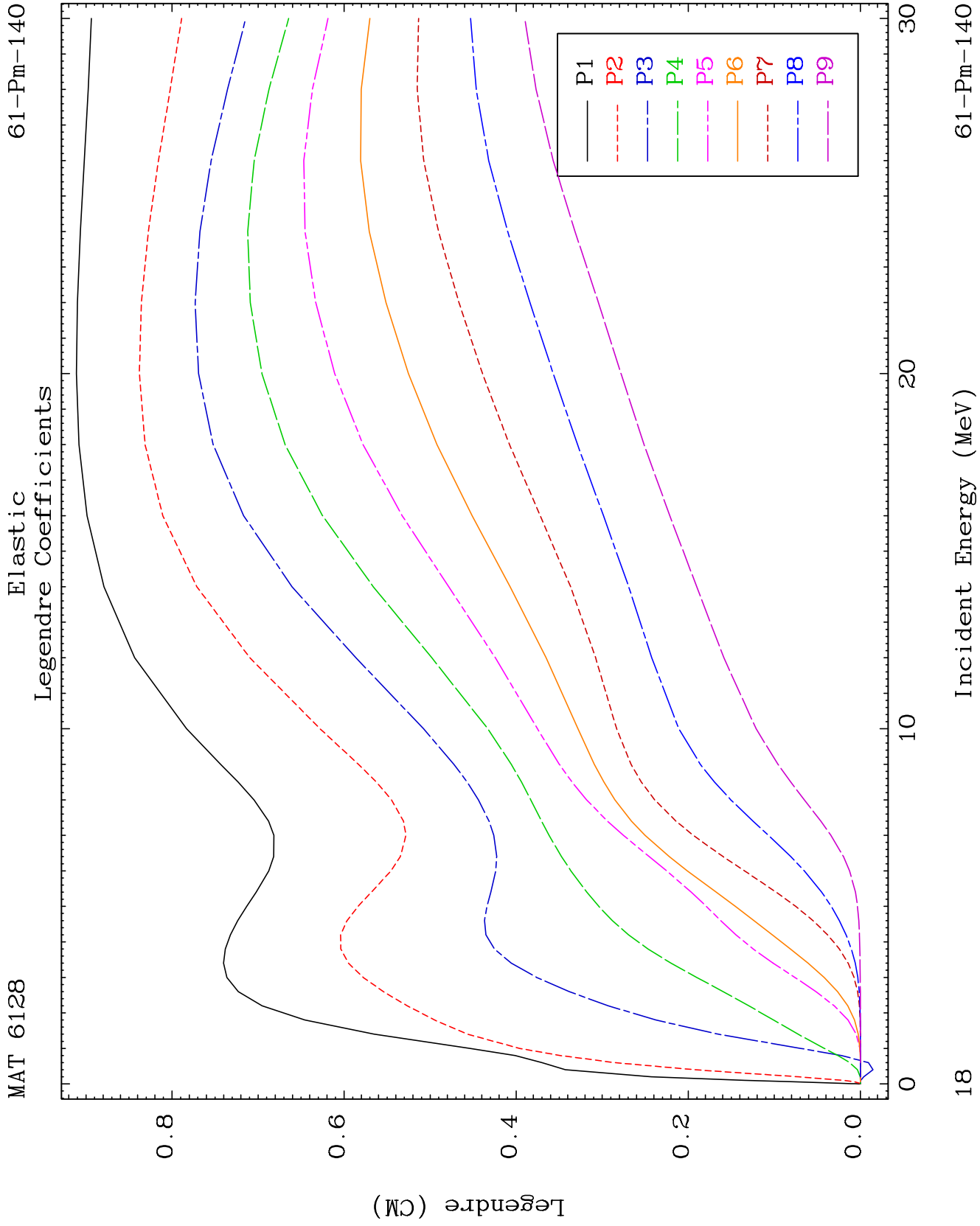
Incident Energy (MeV)

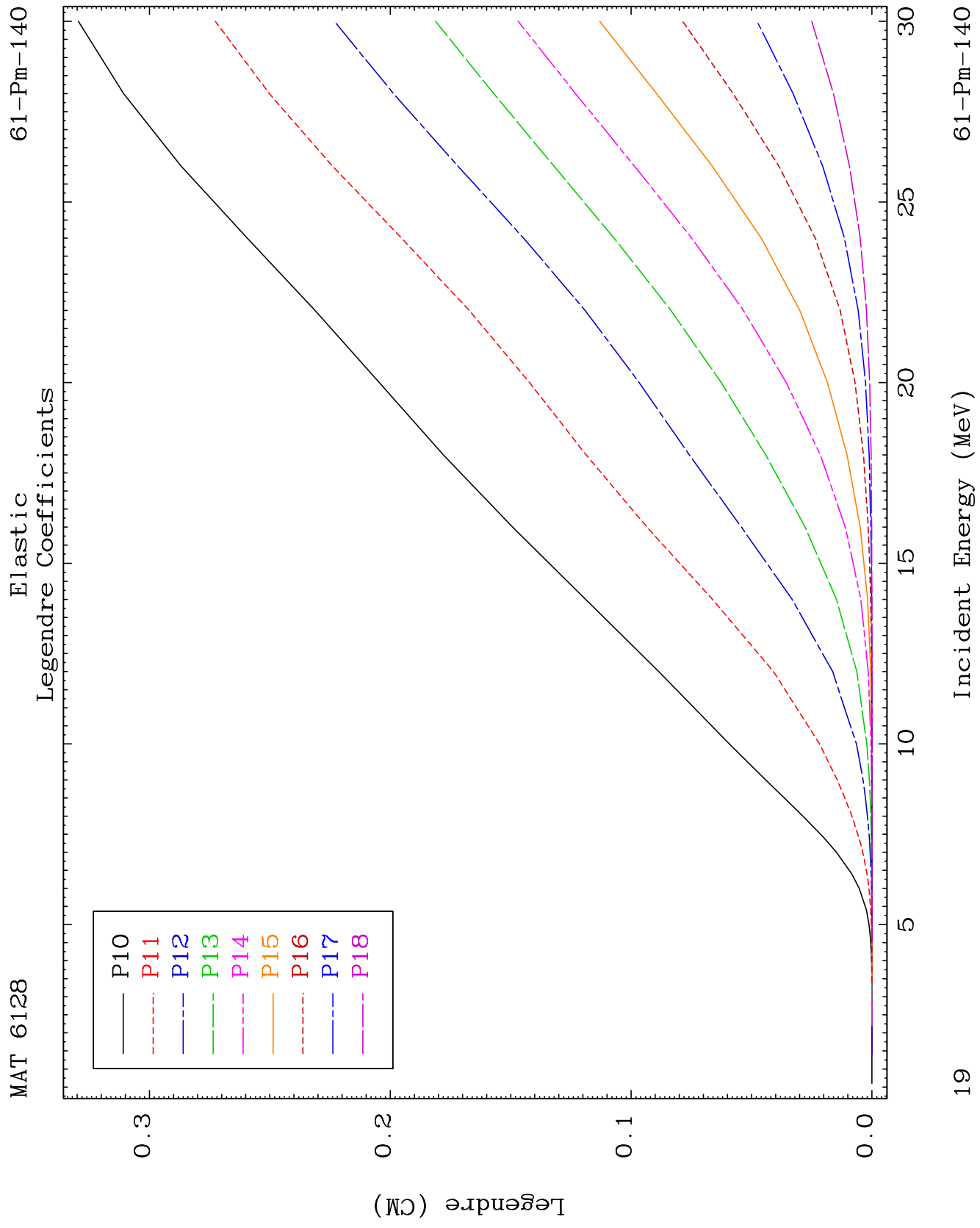
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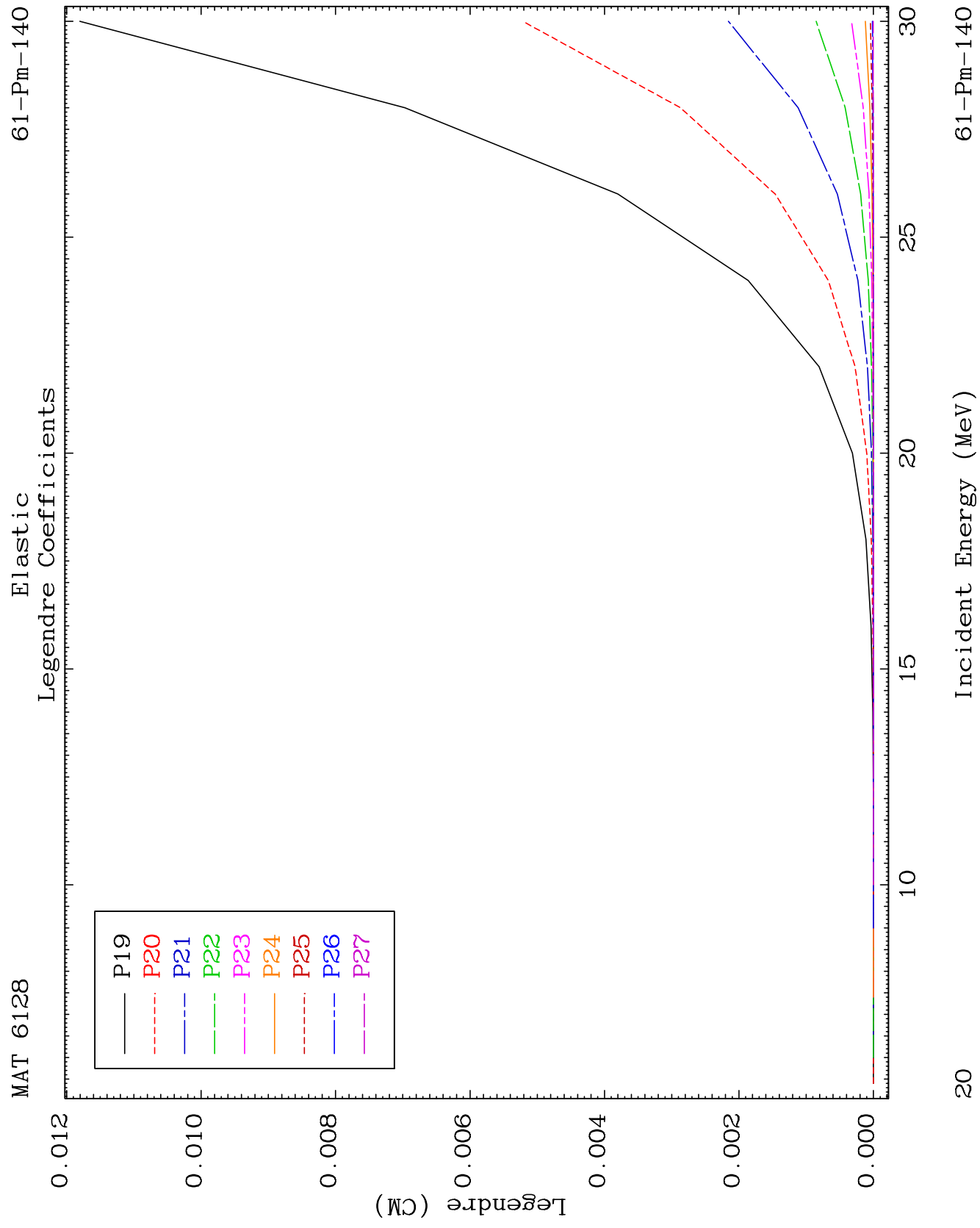


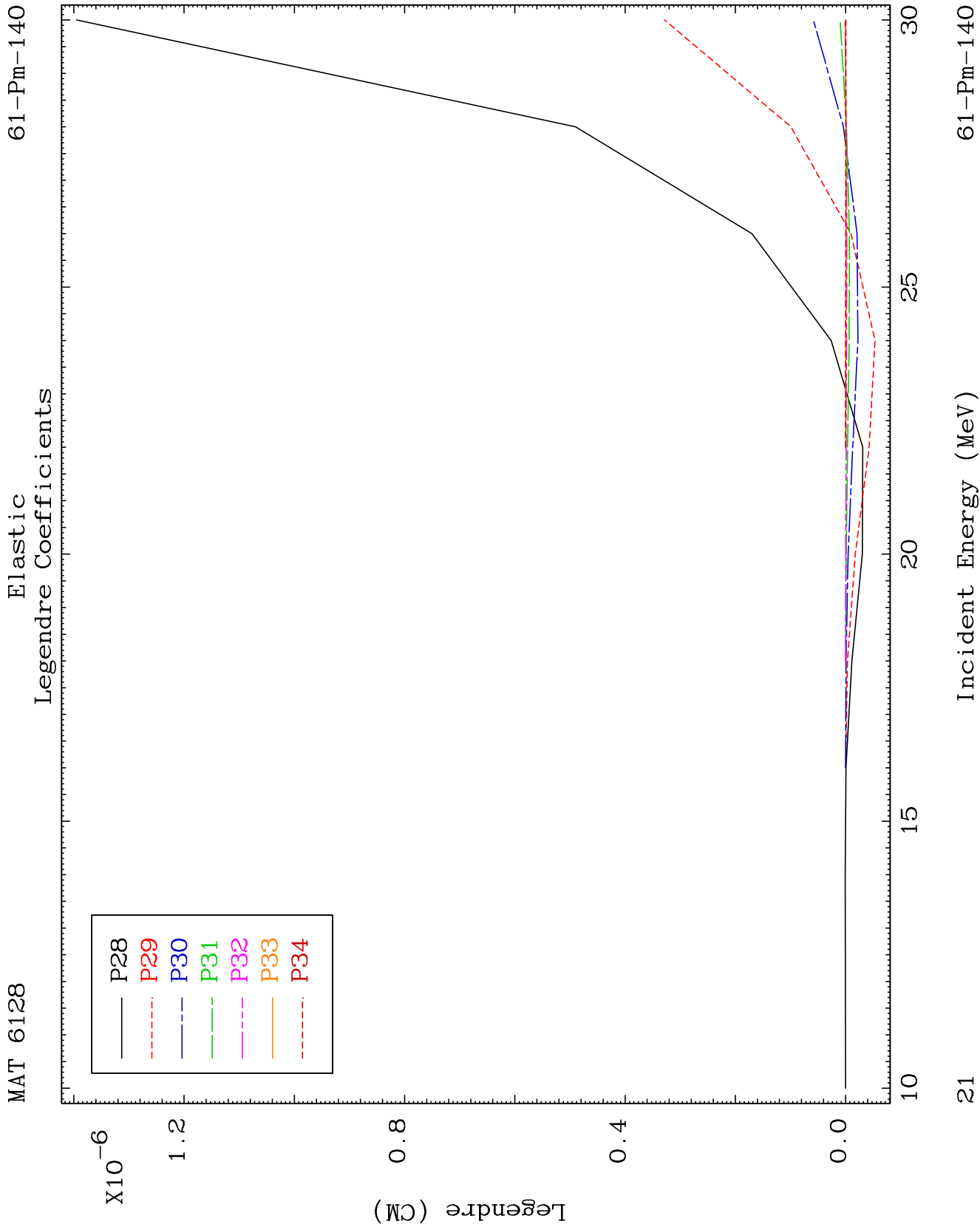


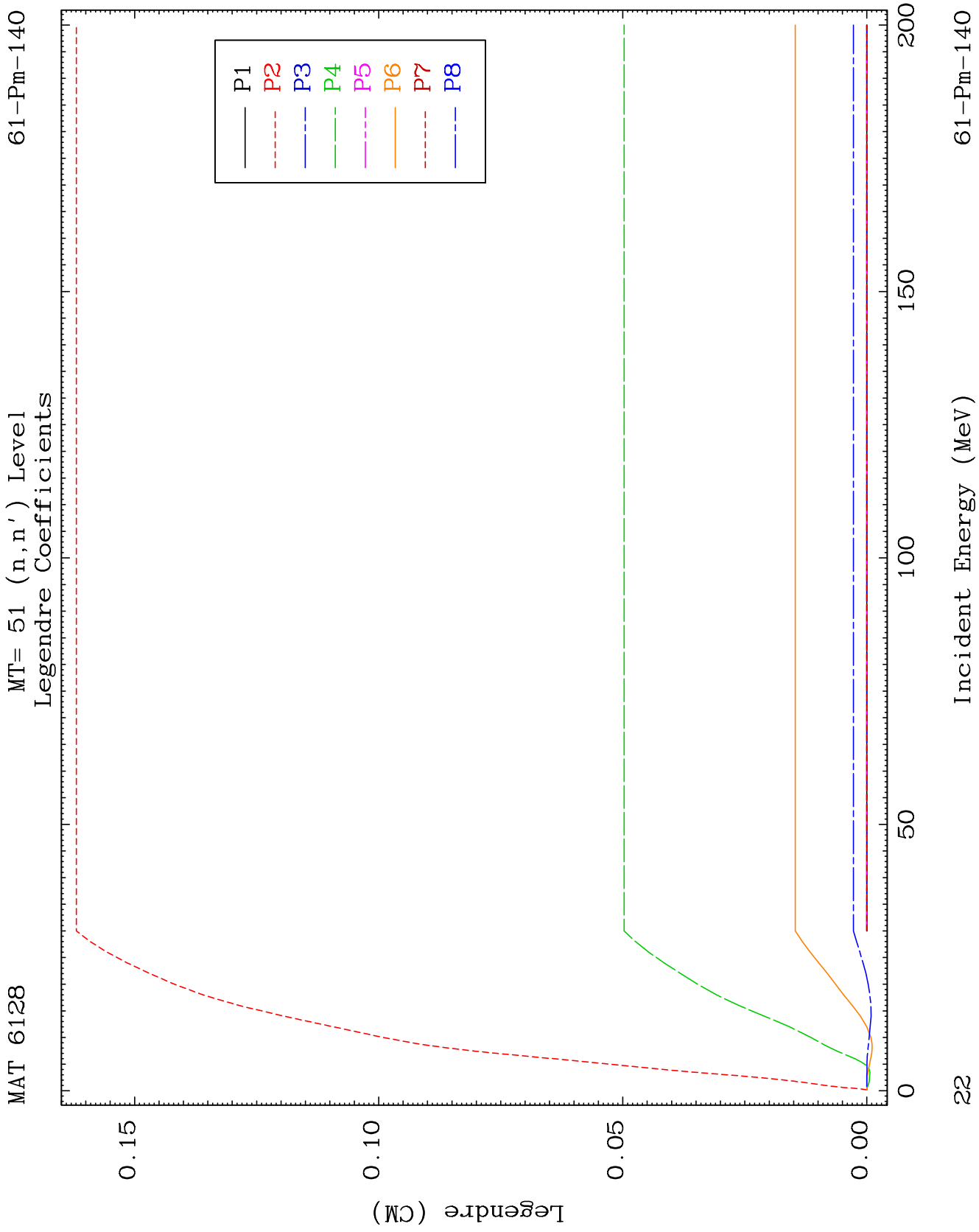


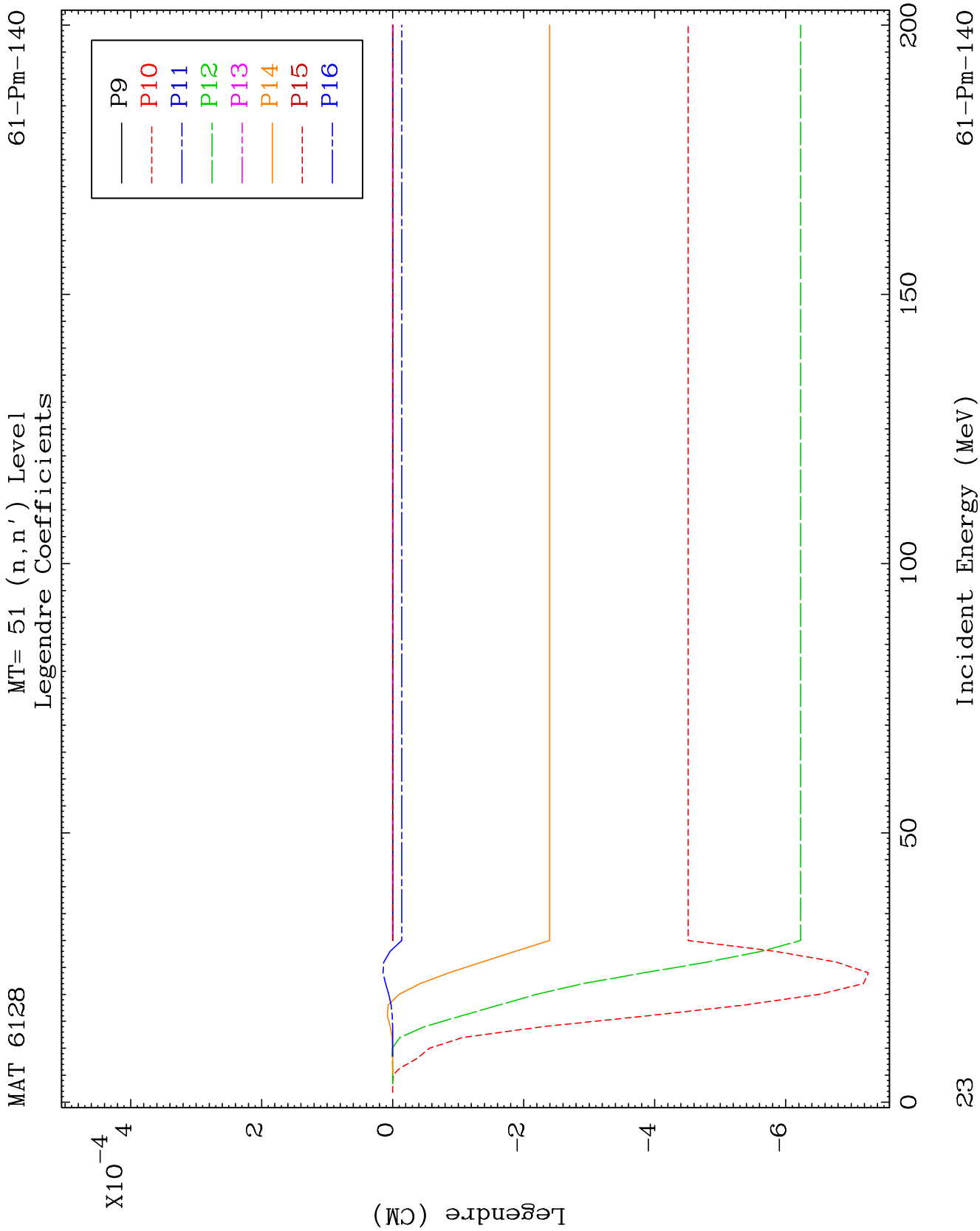








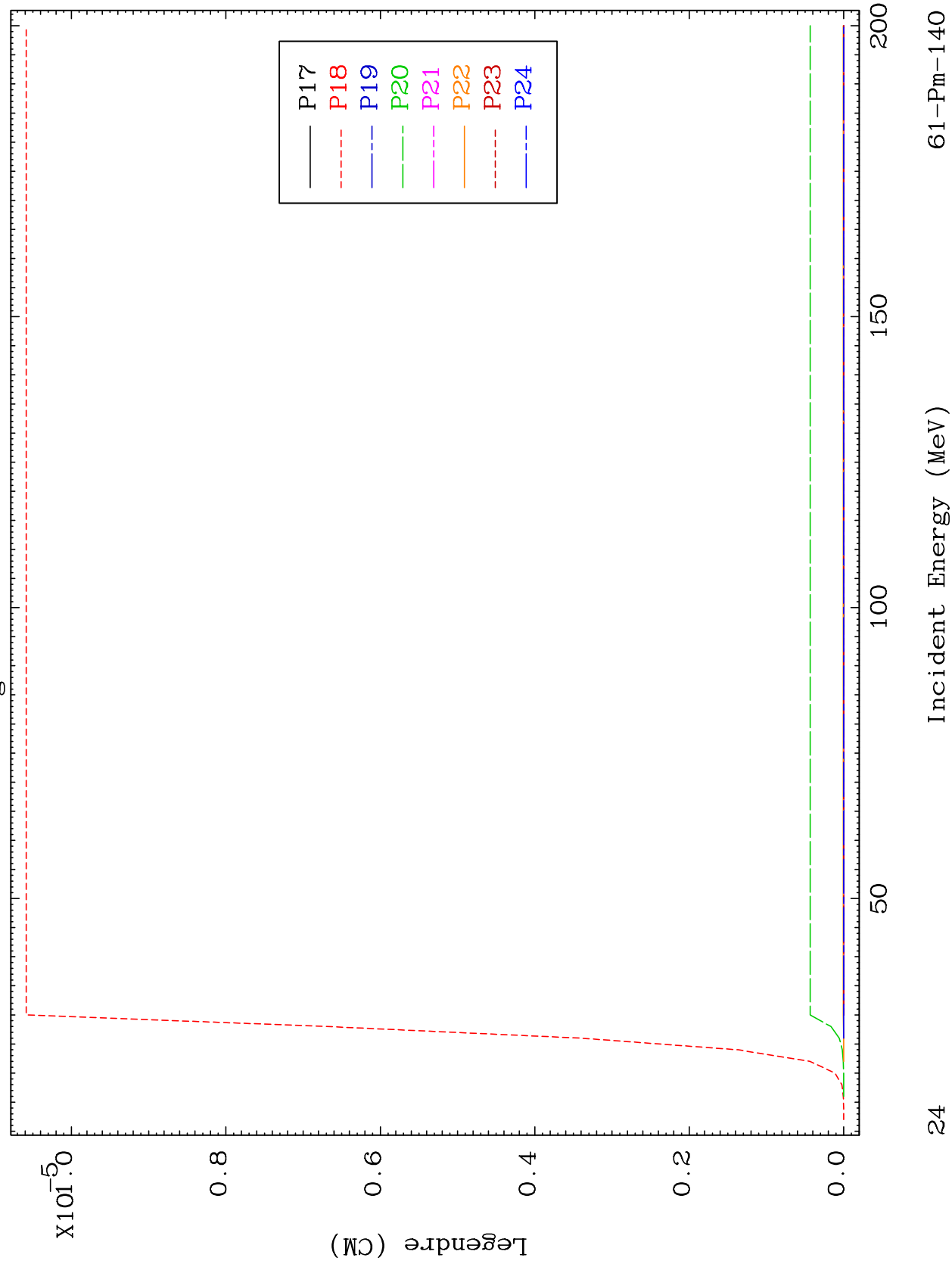


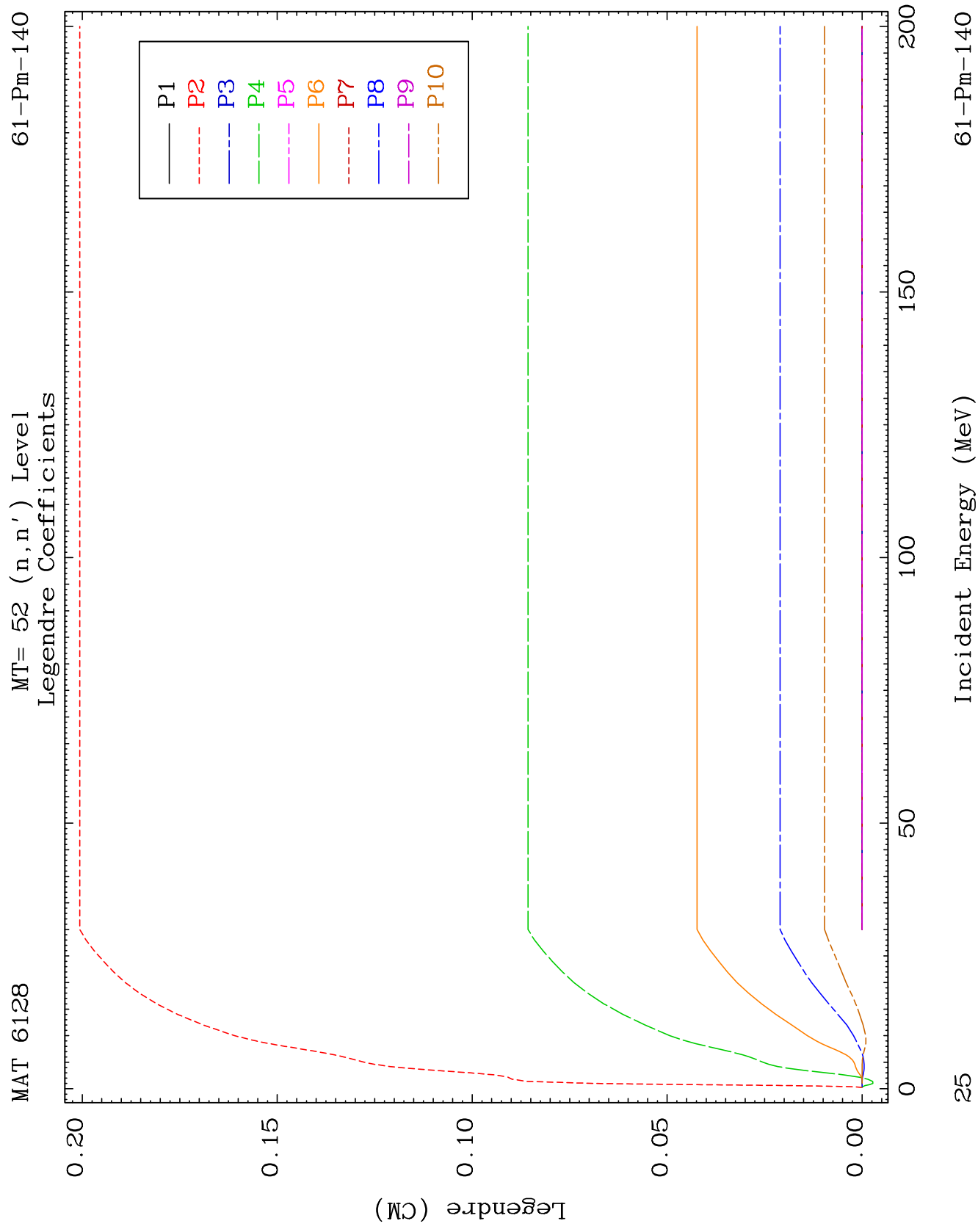


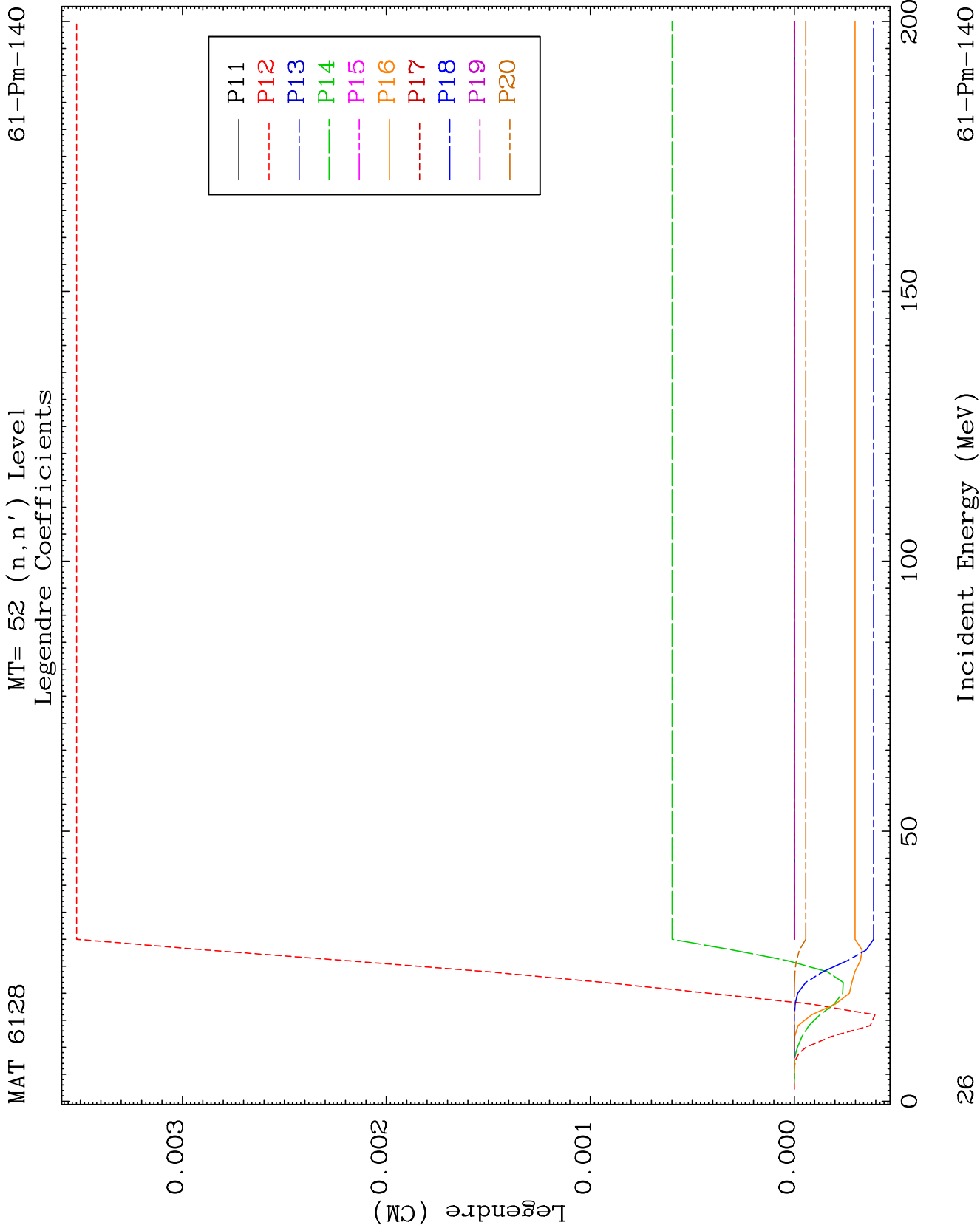
MAT 6128

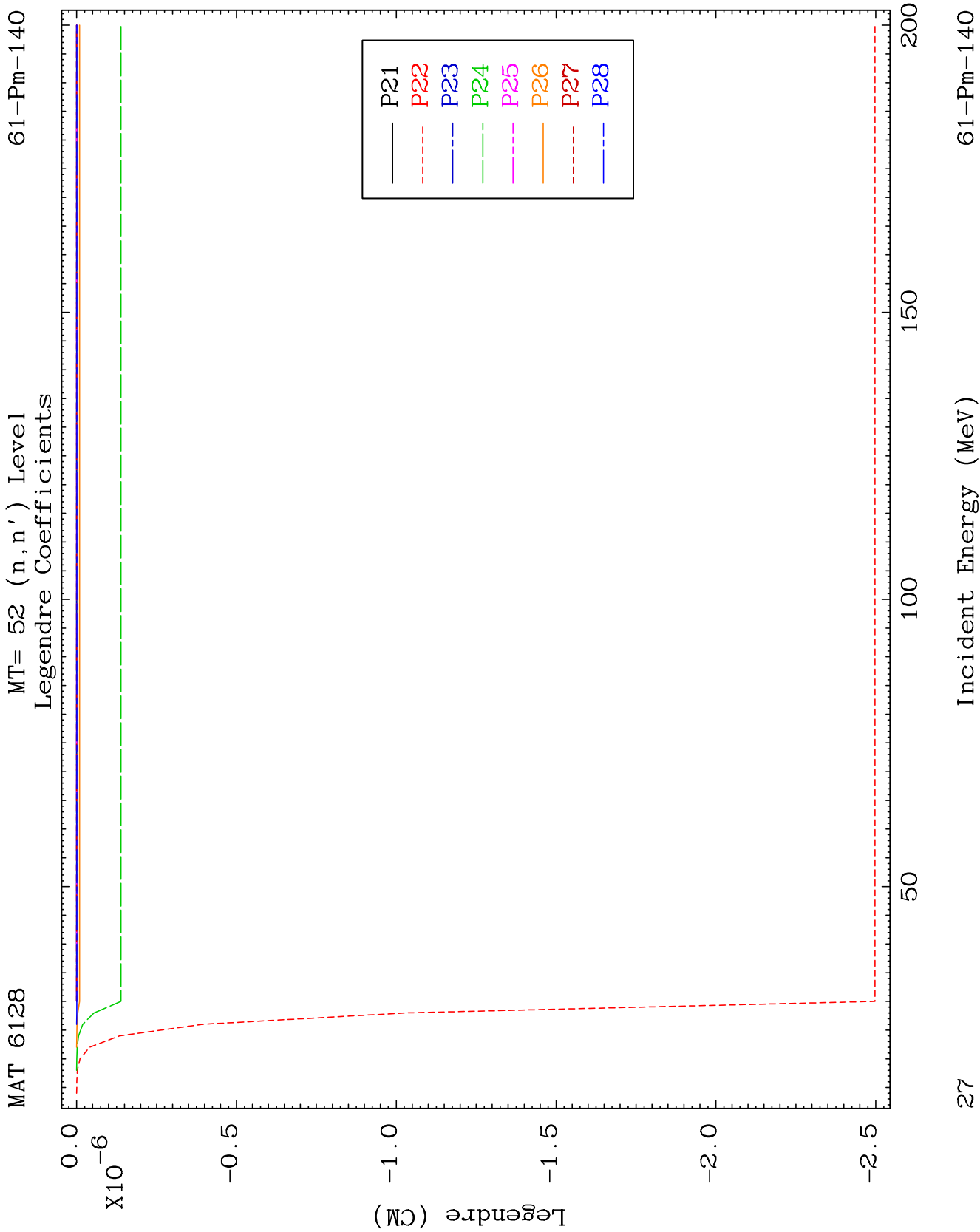
MT= 51 (n, n') Level
Legendre Coefficients

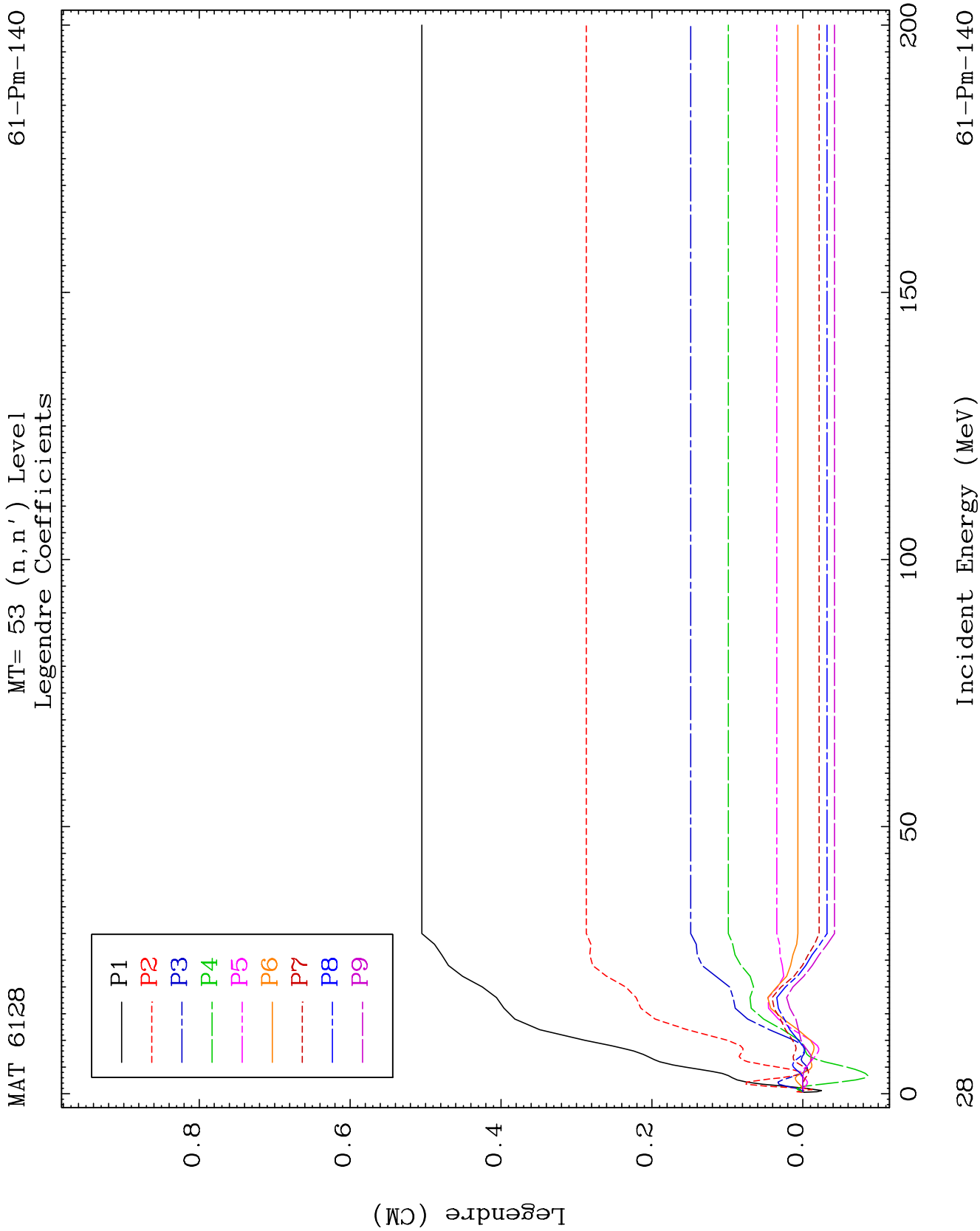
61-Pm-140

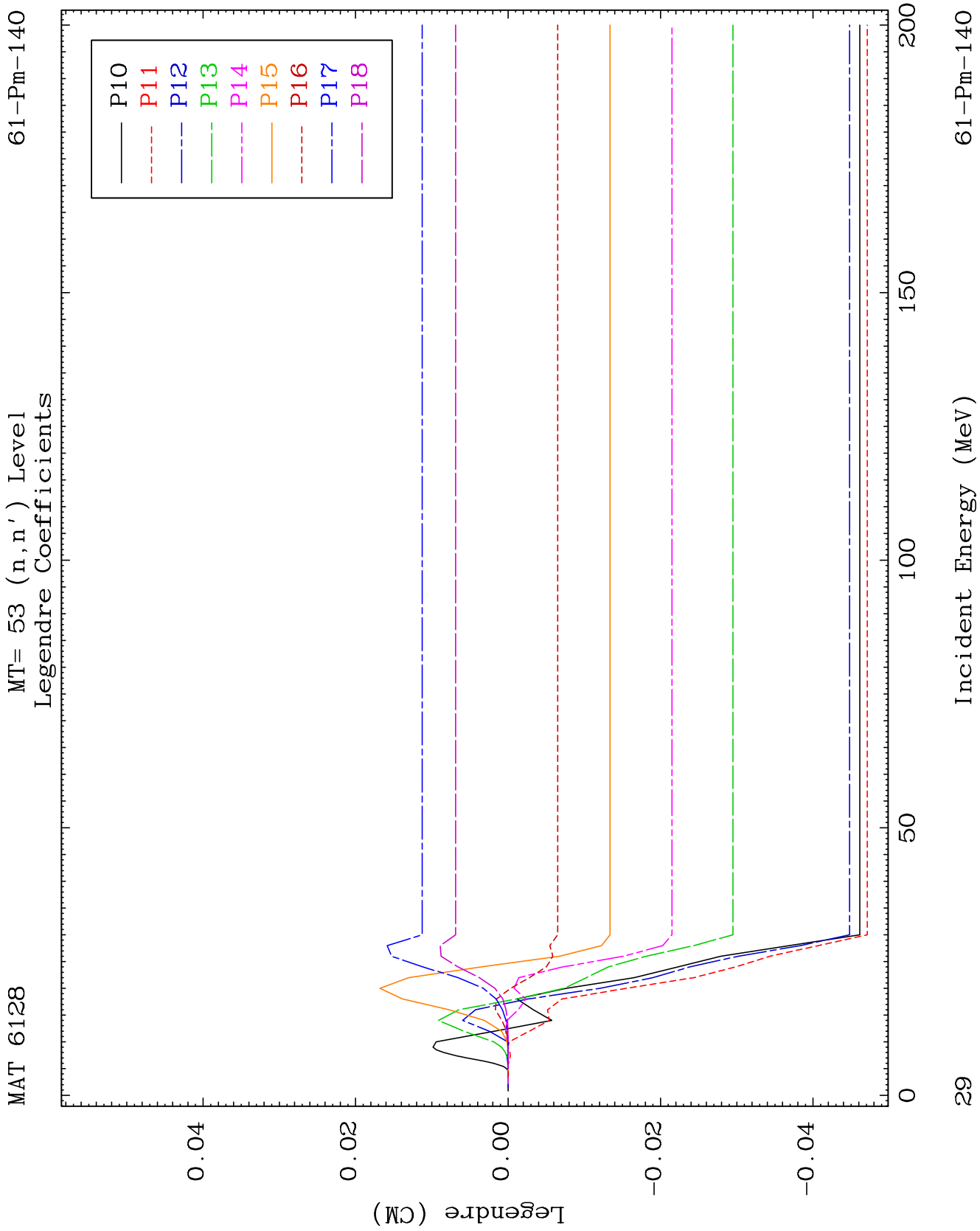








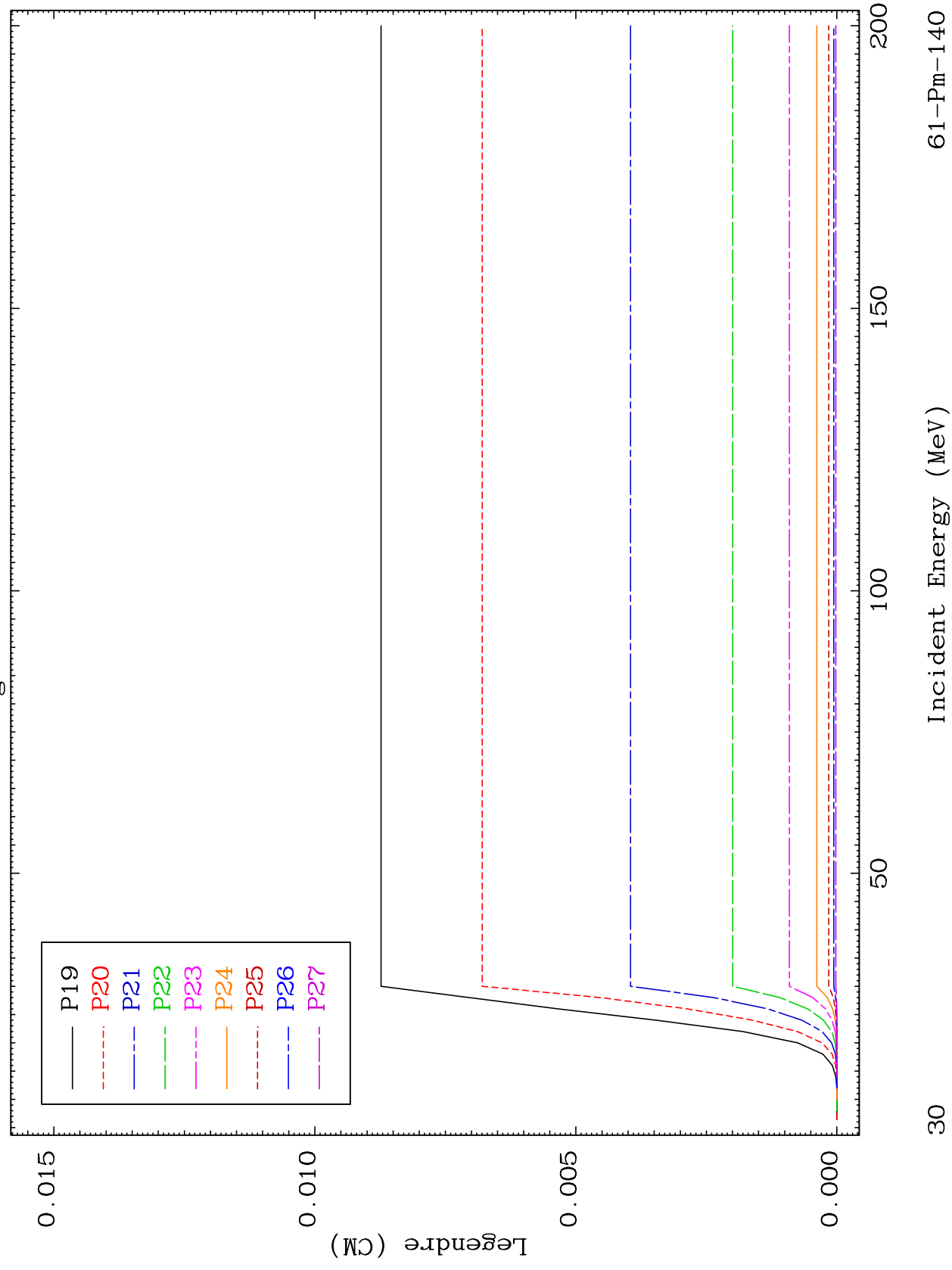


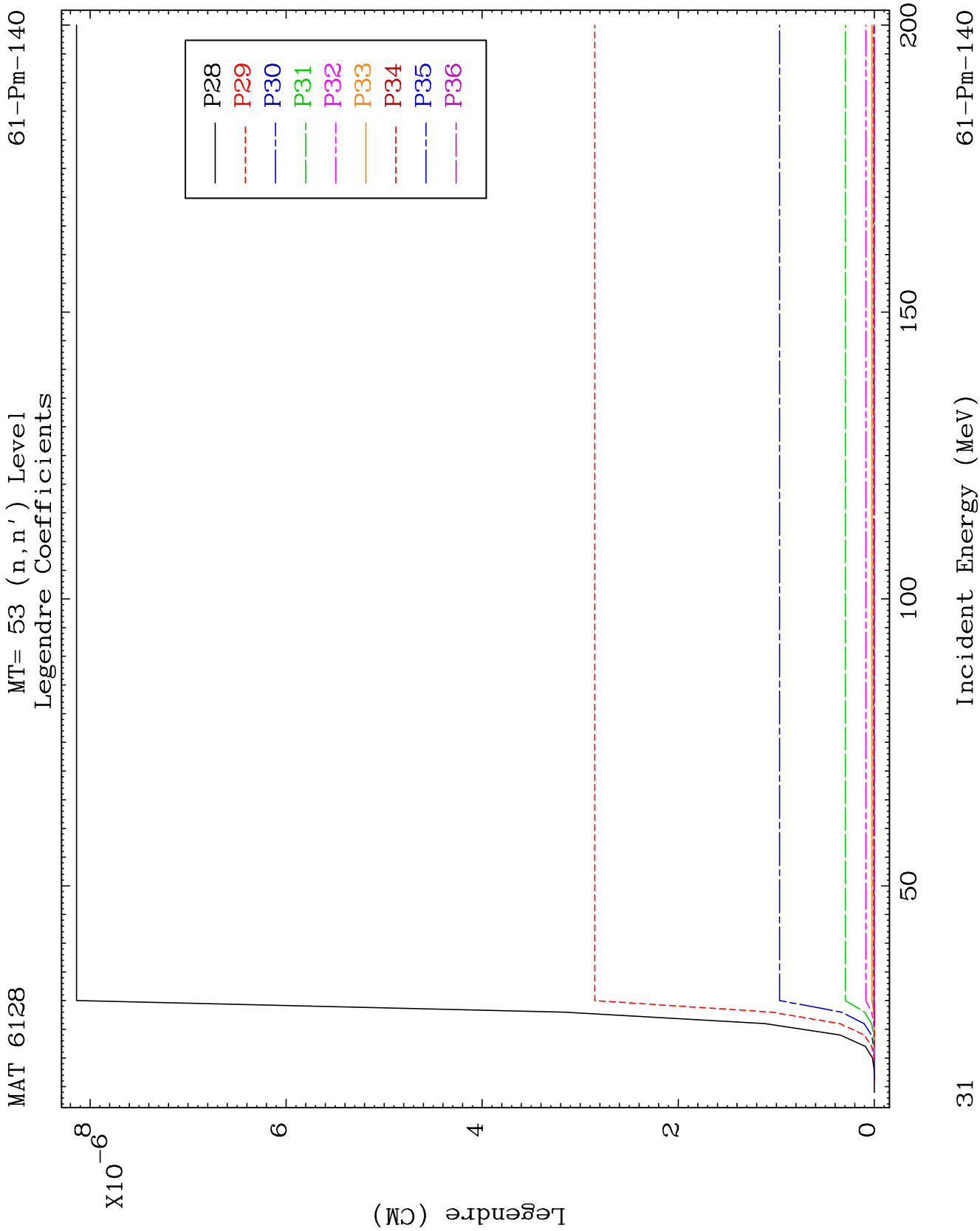


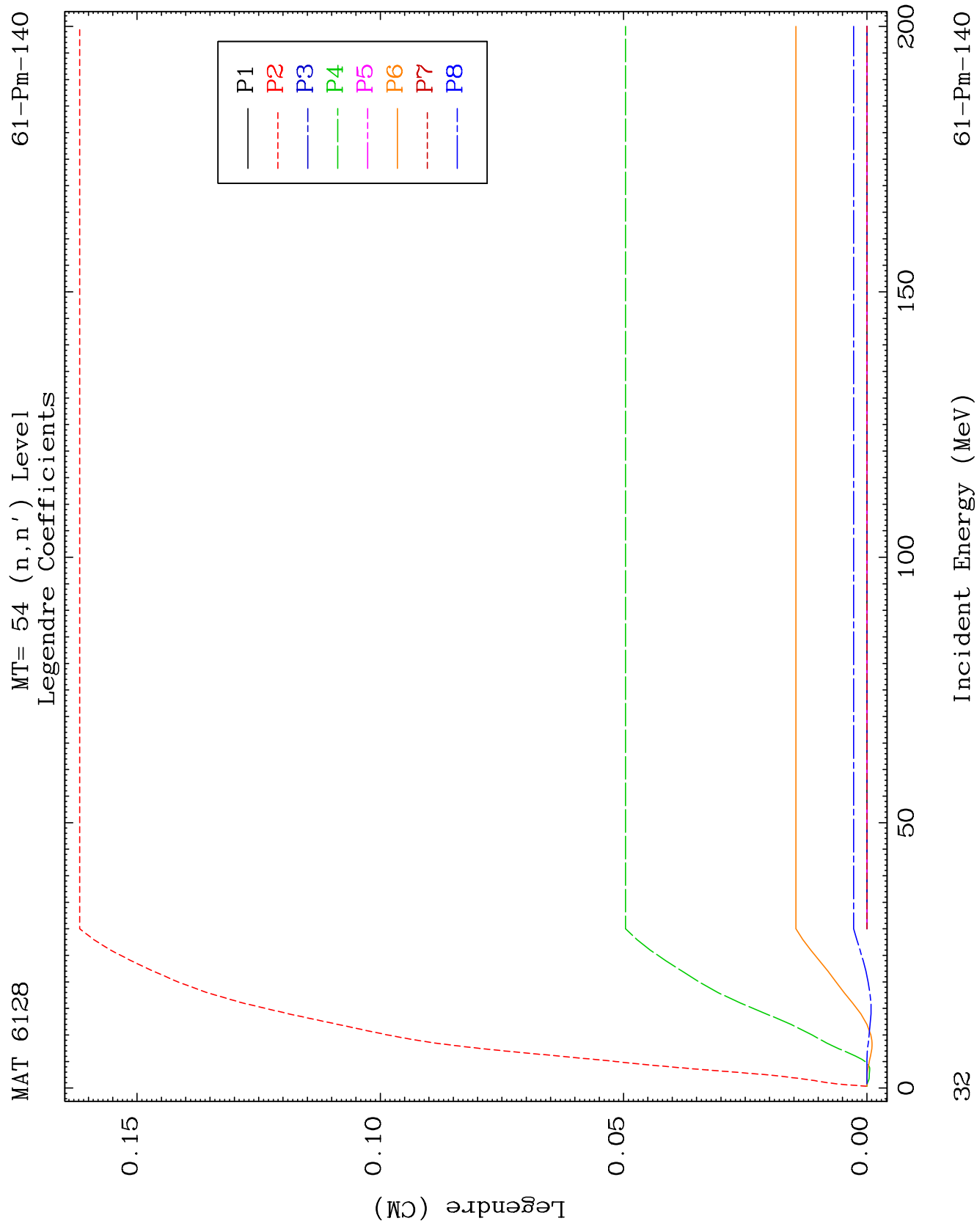
MAT 6128

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

61-Pm-140



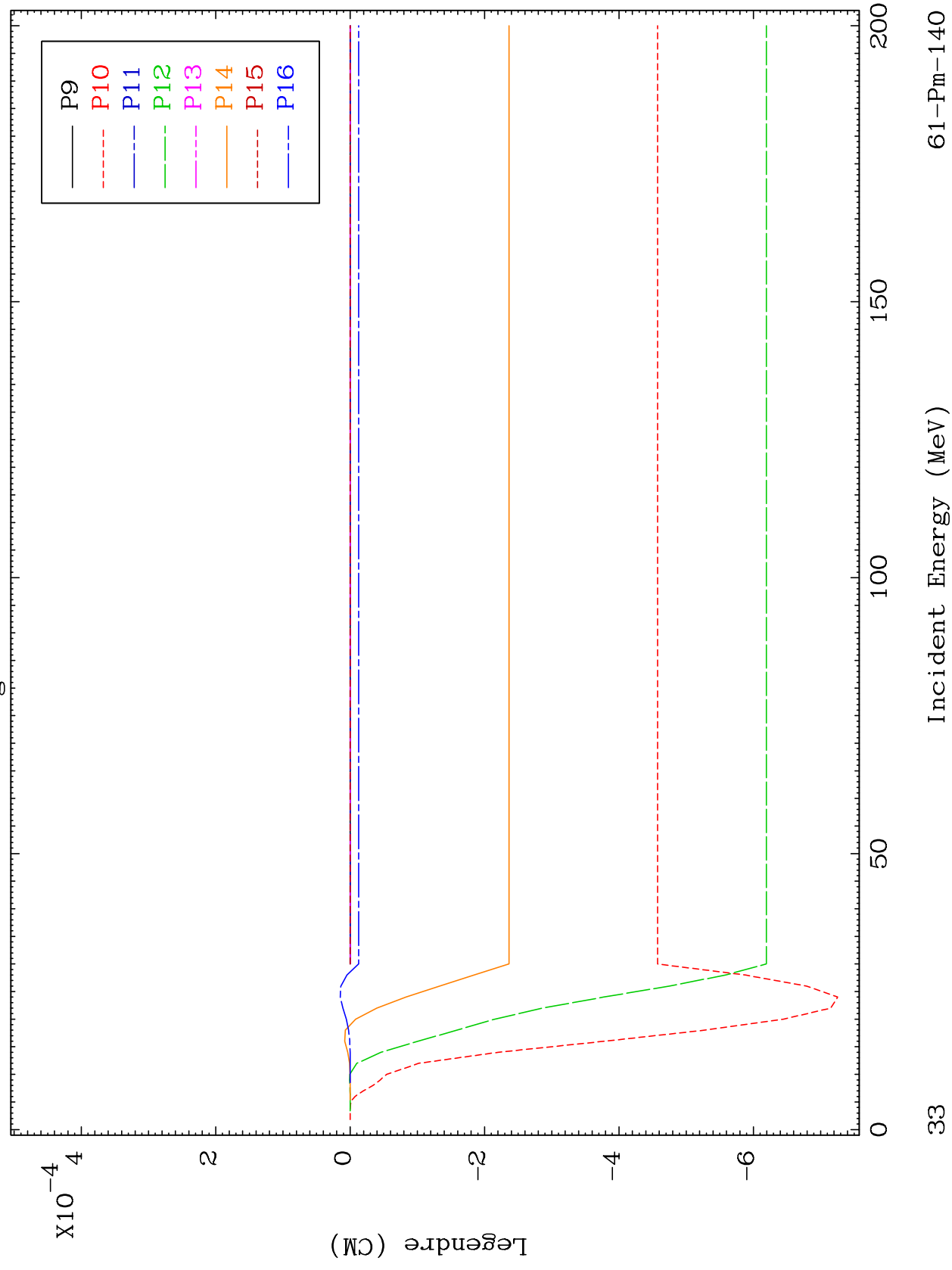




MAT 6128

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

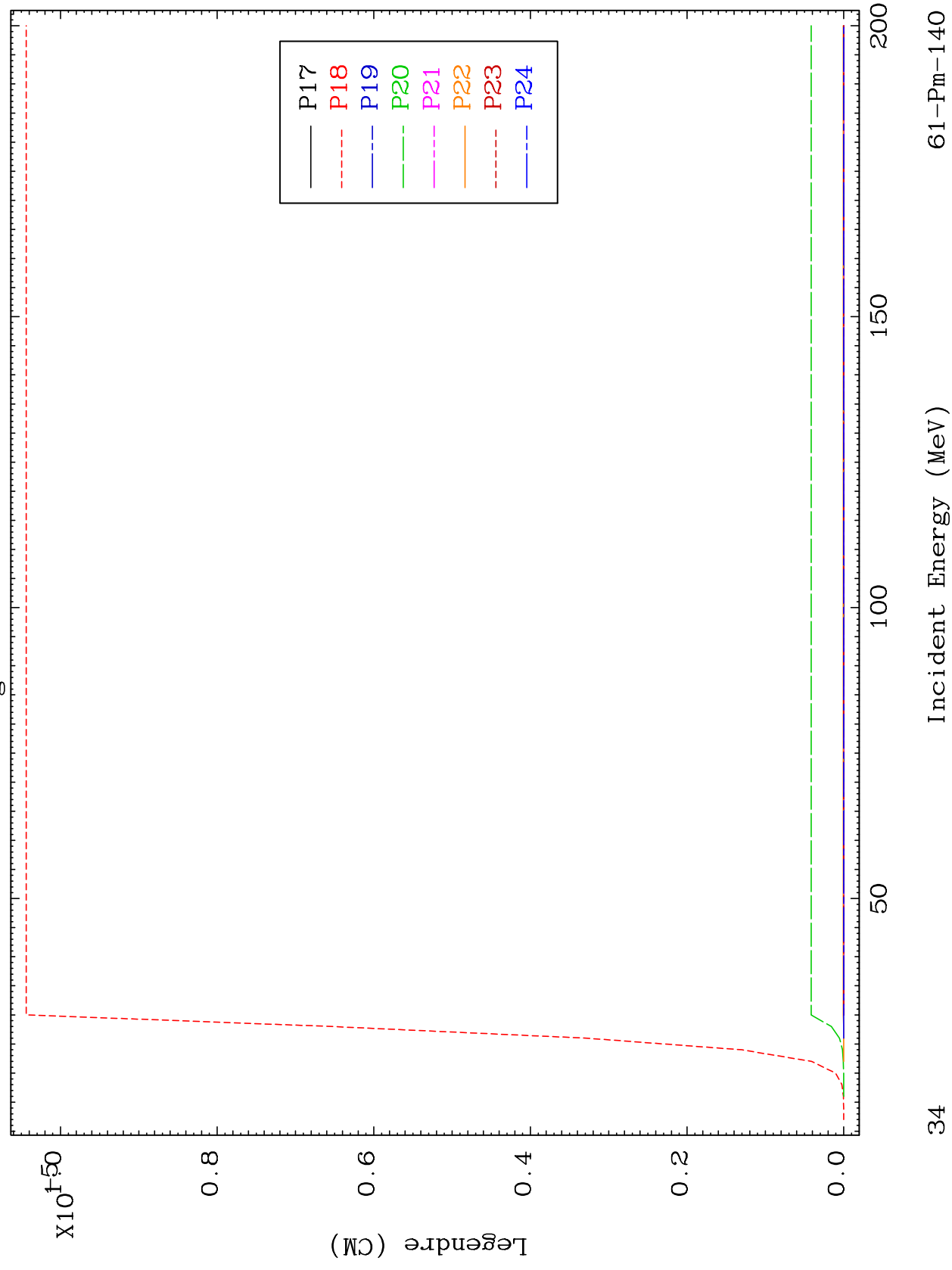
61-Pm-140

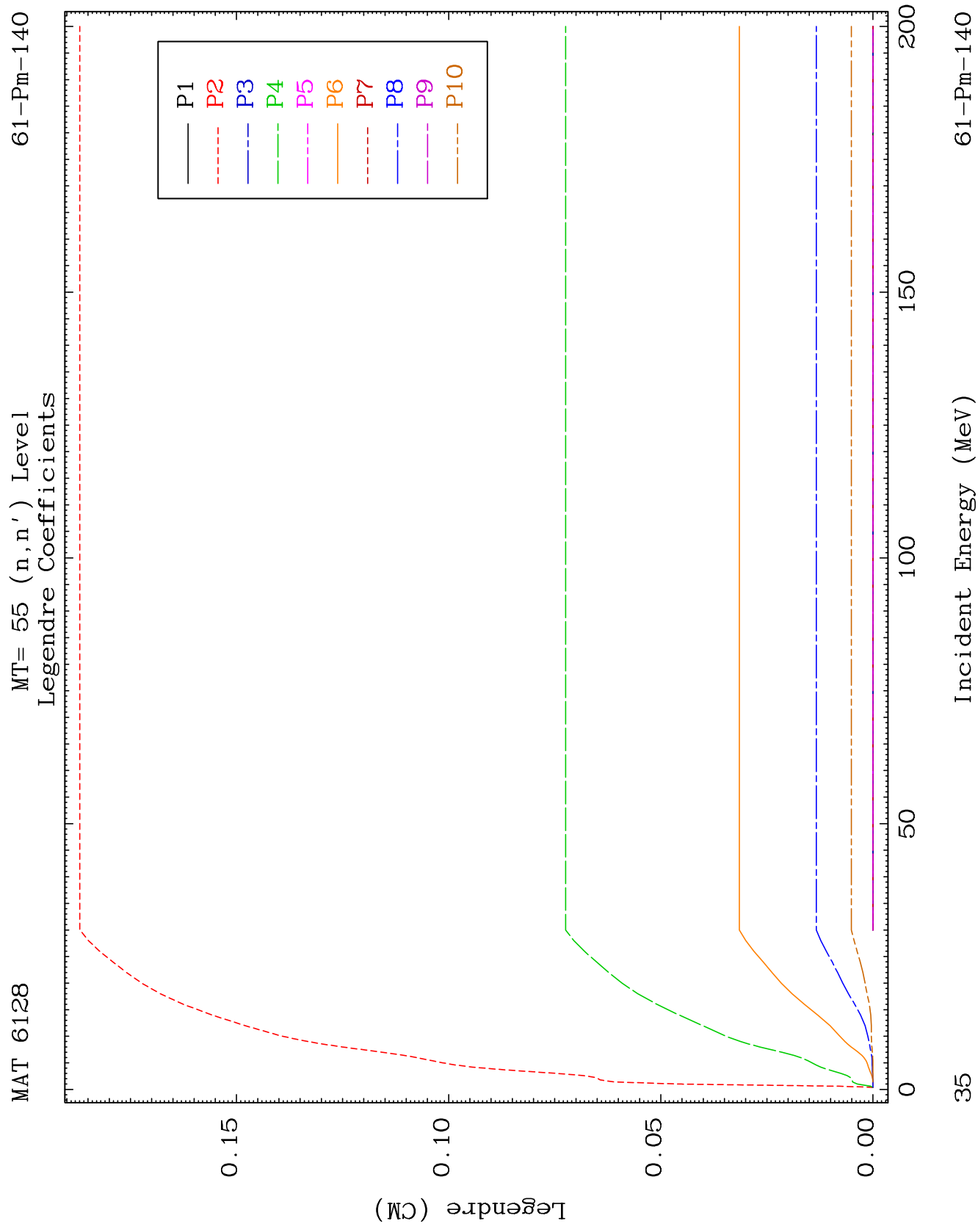


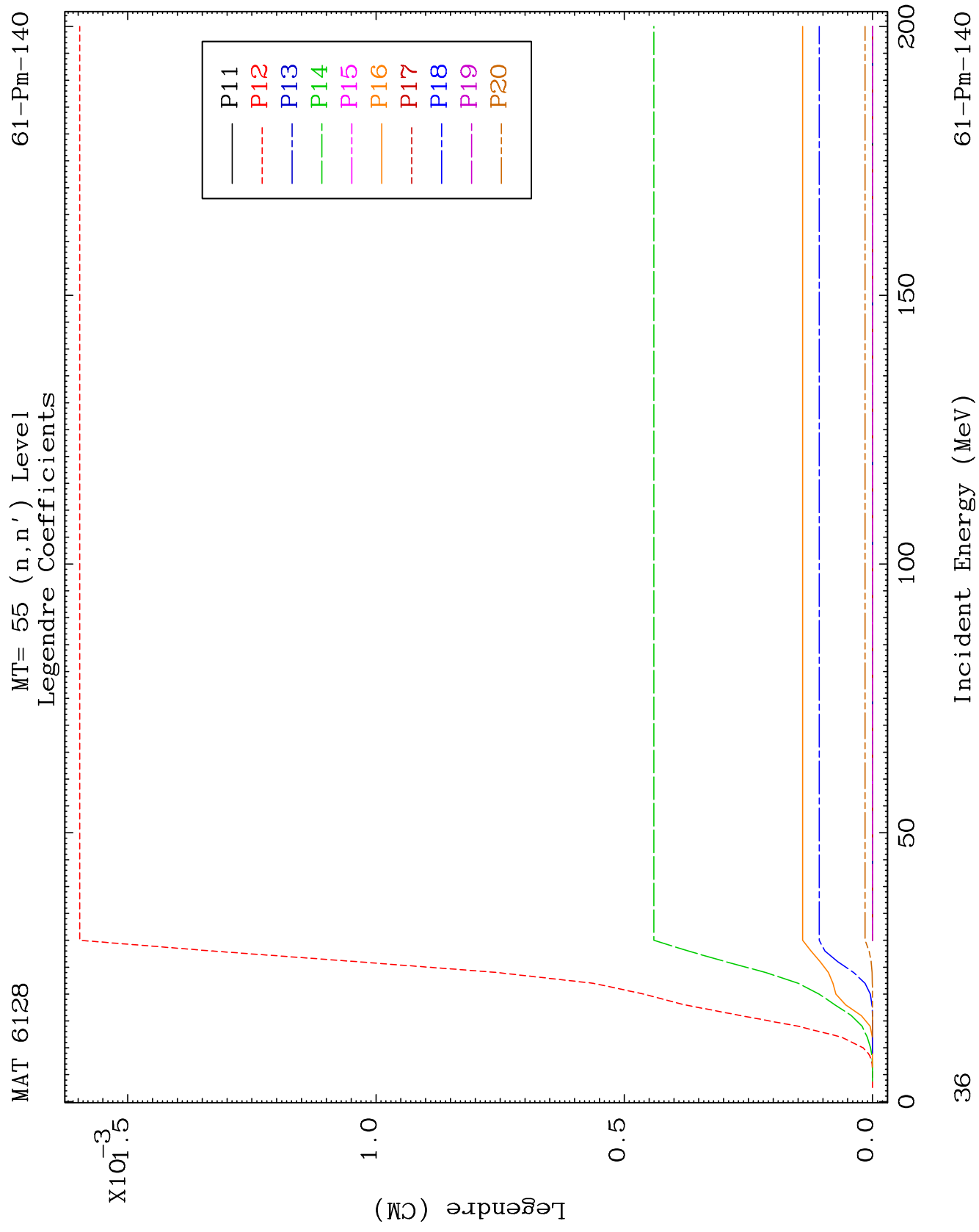
MAT 6128

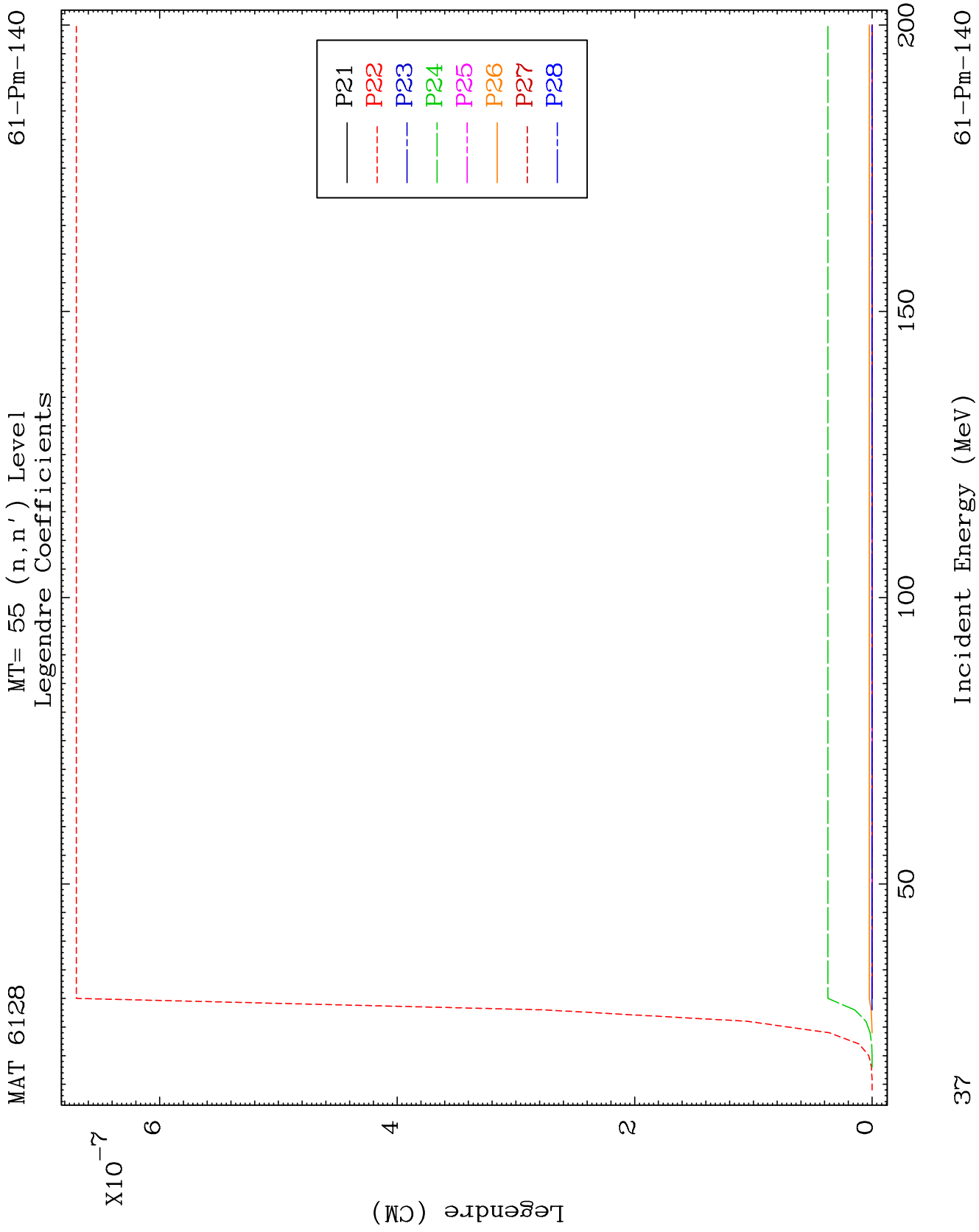
MT= 54 (n, n') Level
Legendre Coefficients

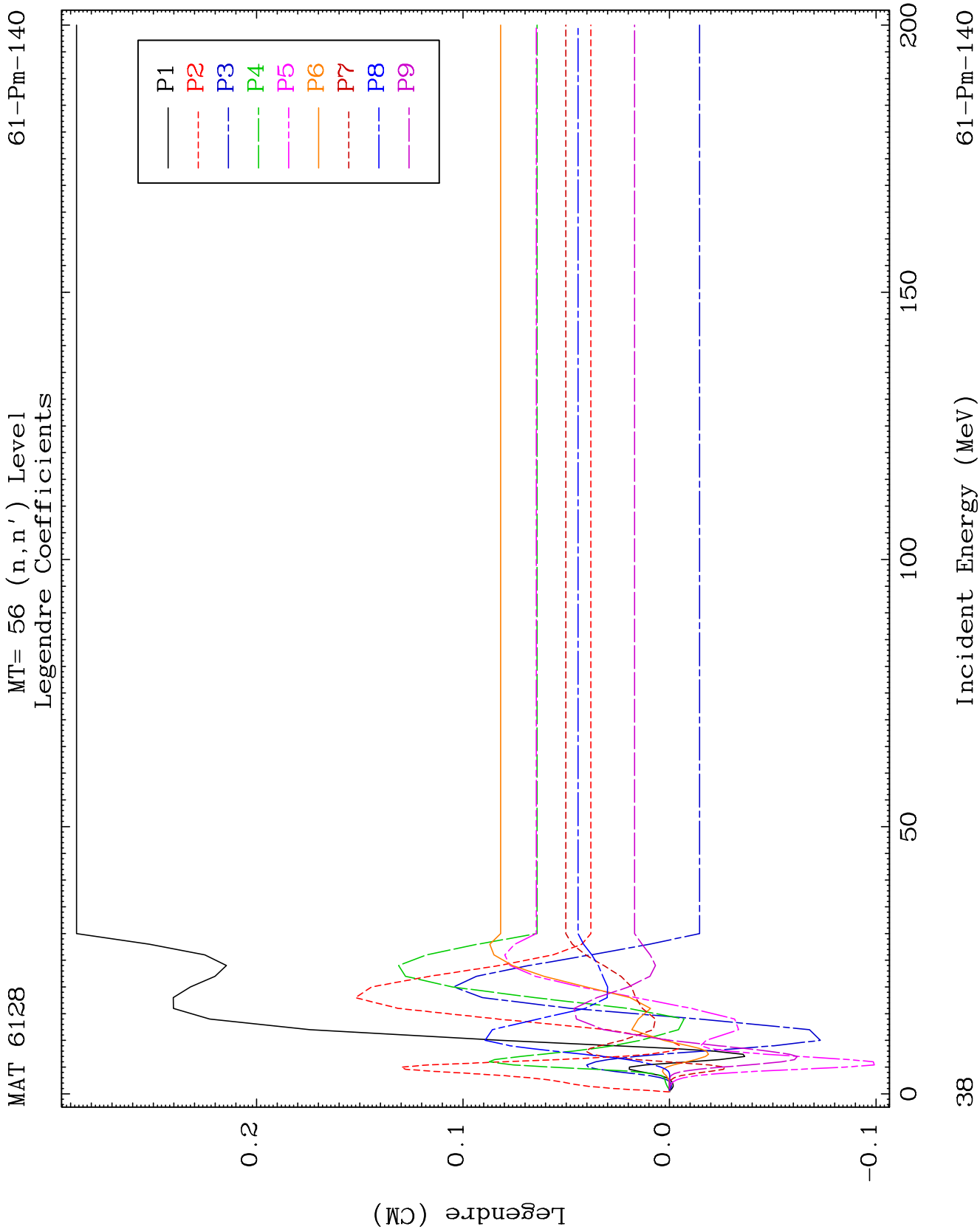
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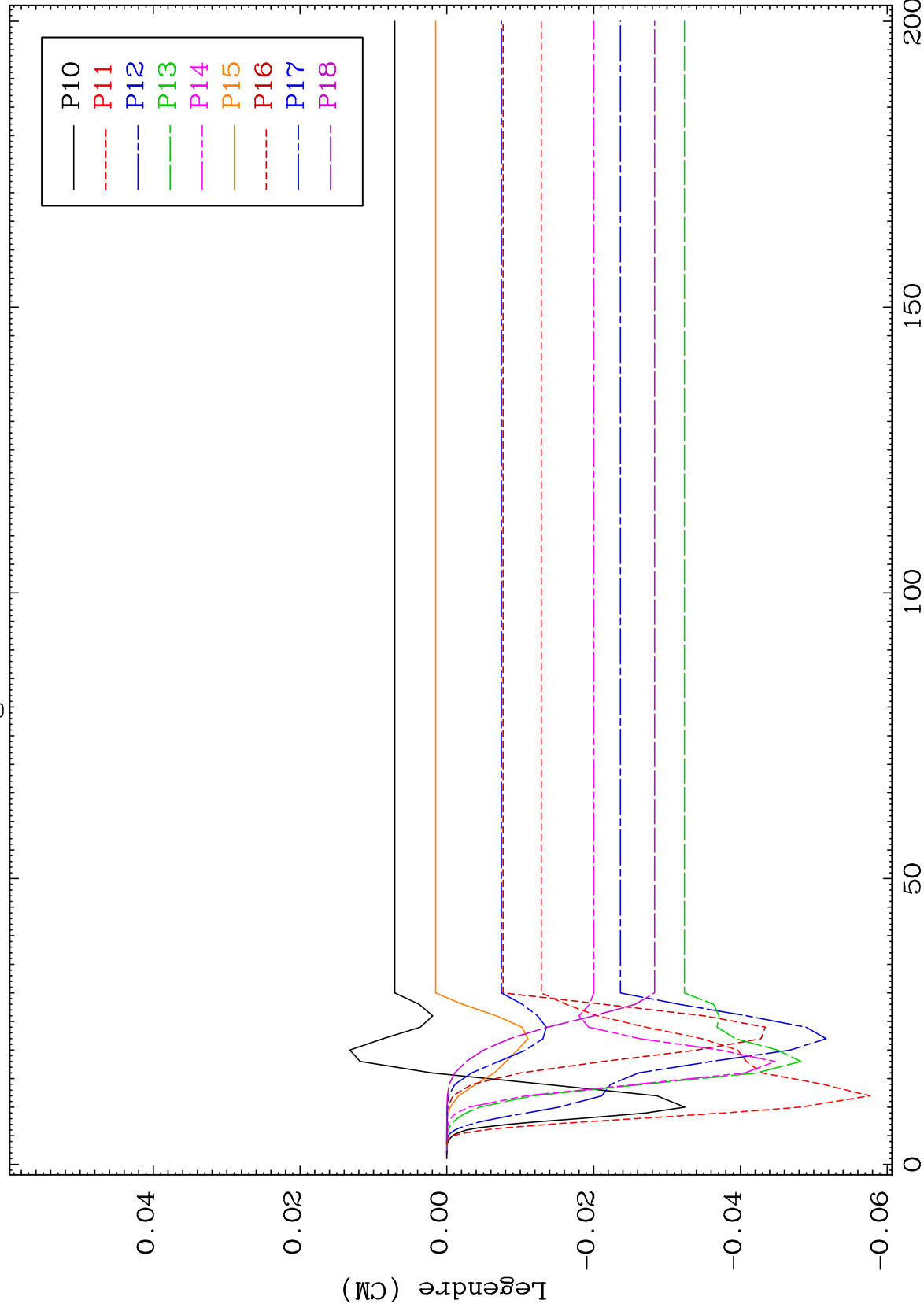


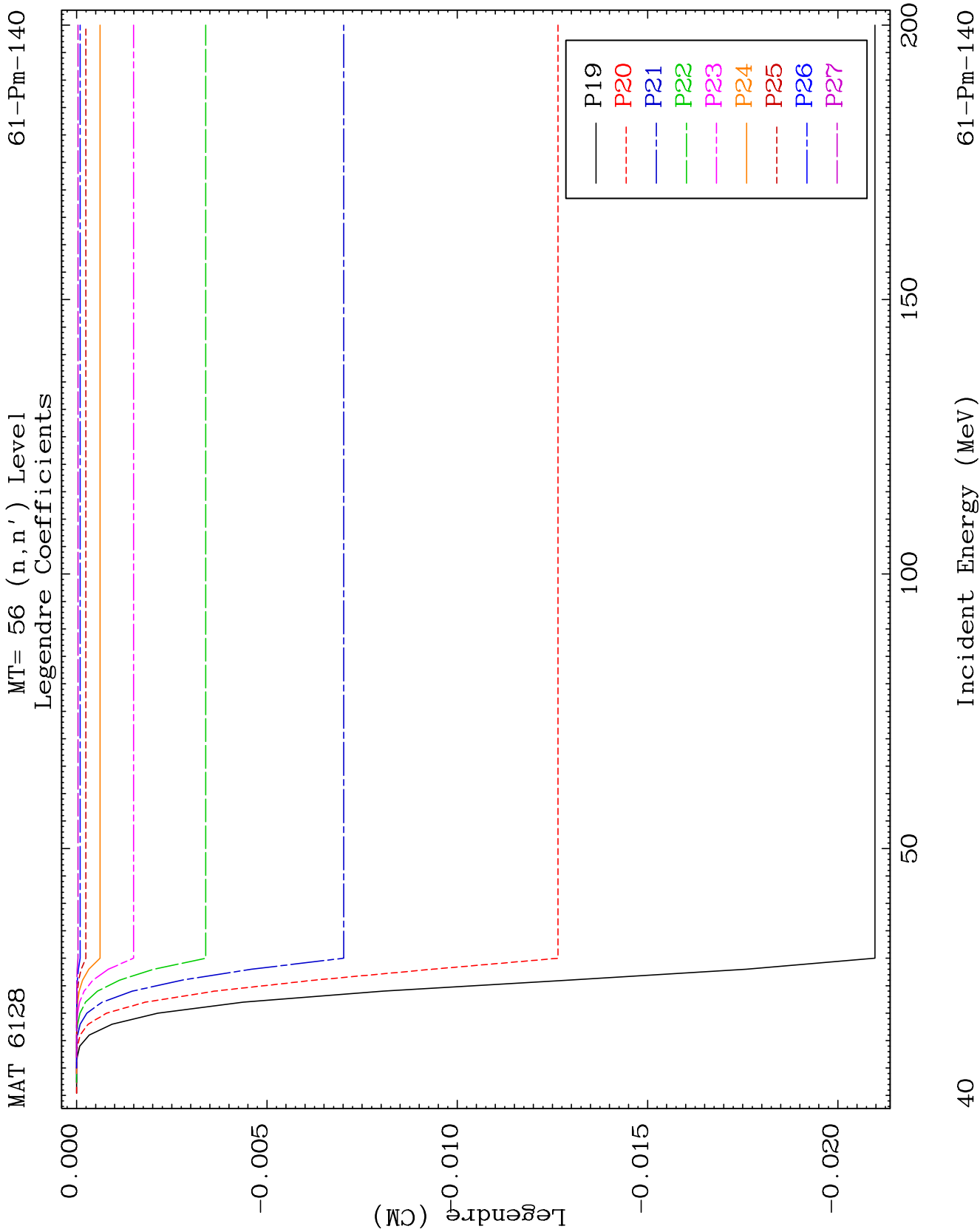


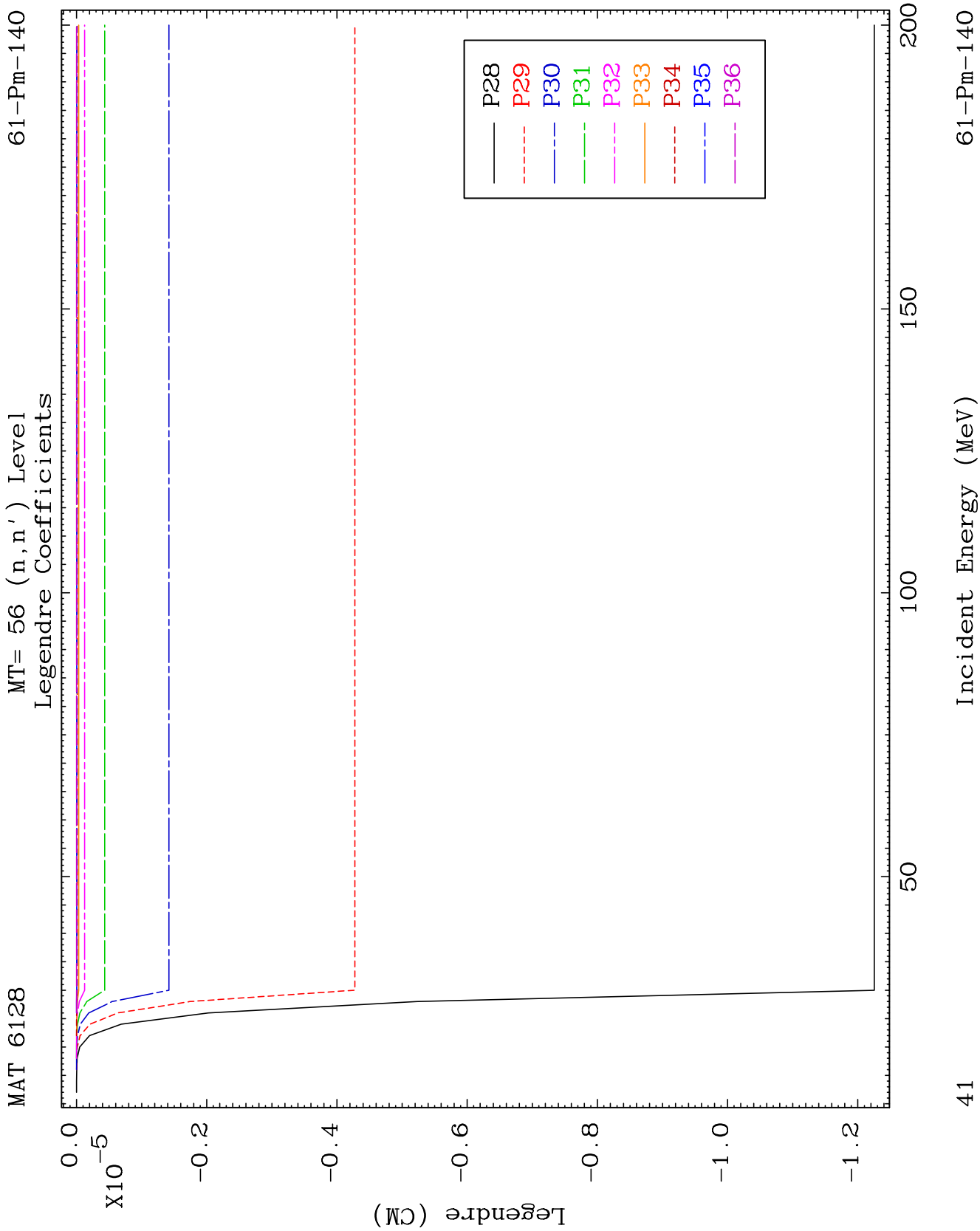
MAT 6128

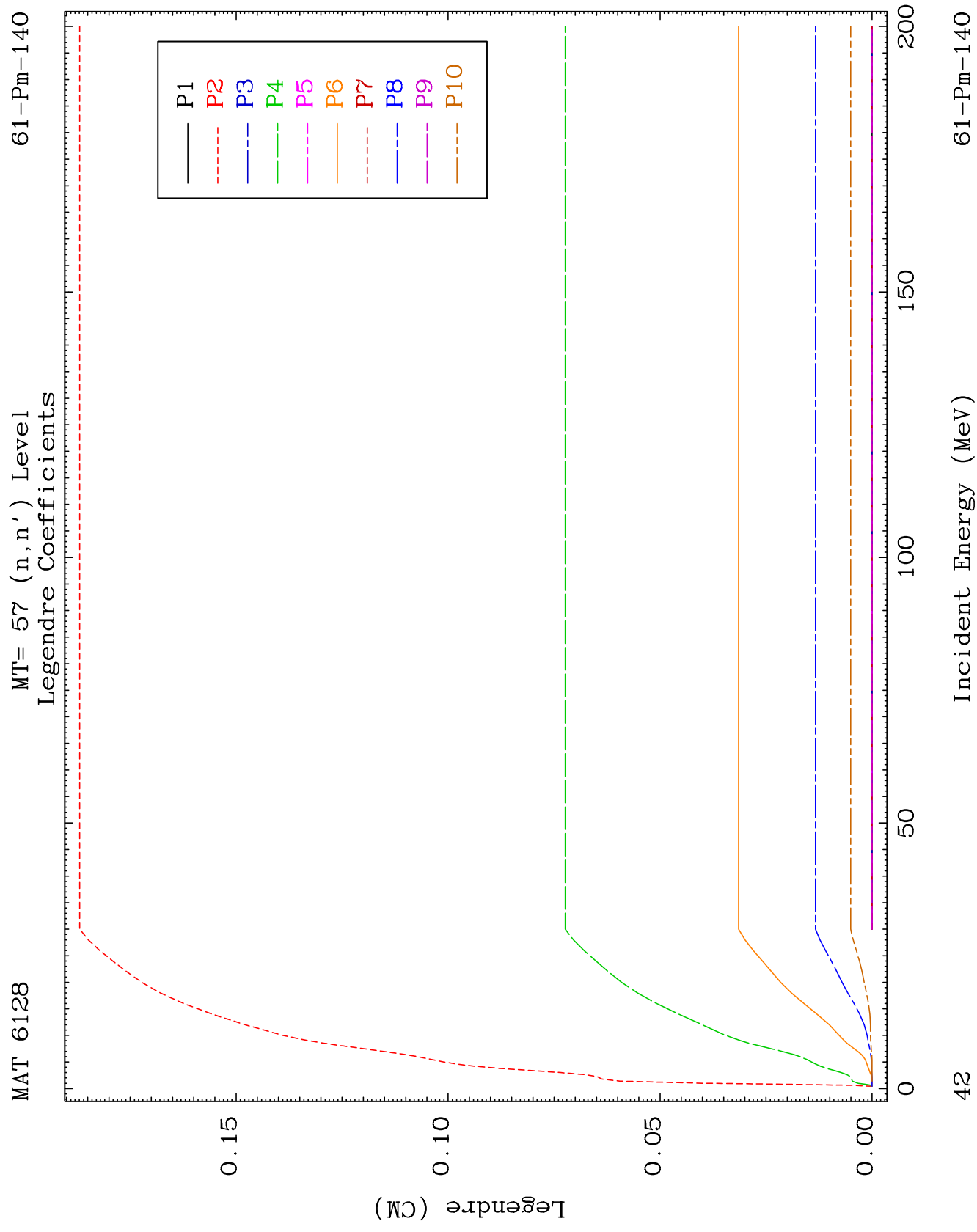
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Legendre Coefficients

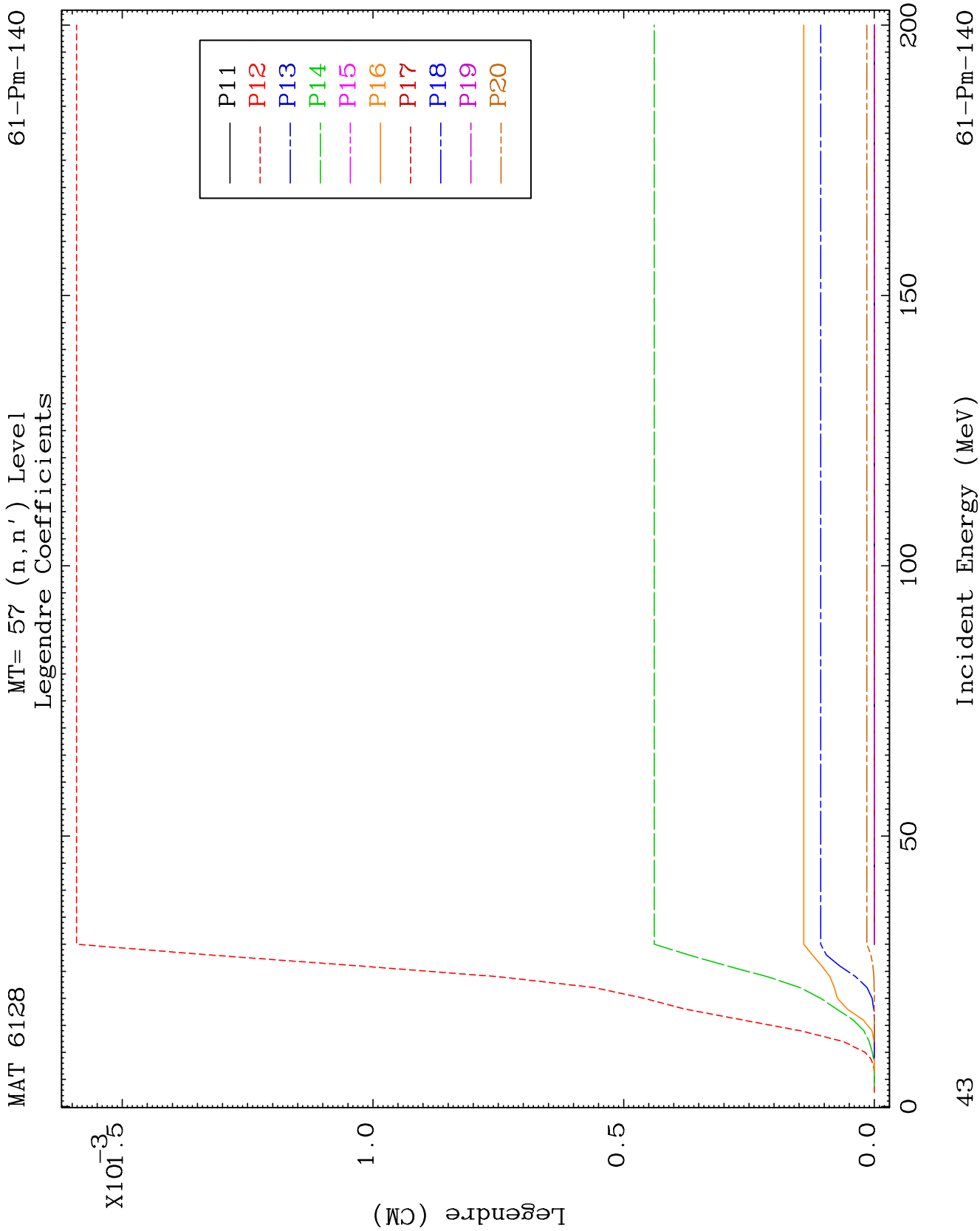
61-Pm-140

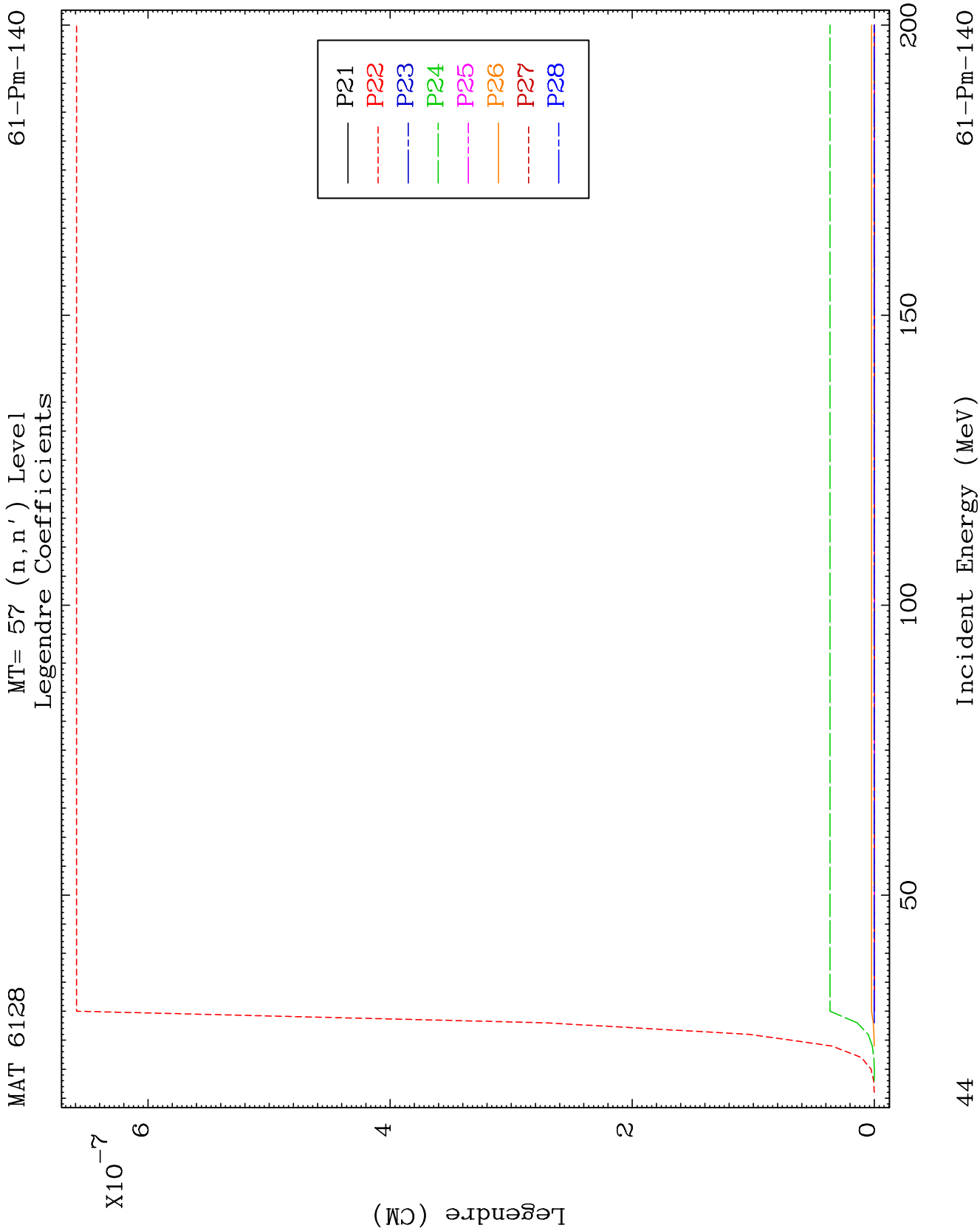


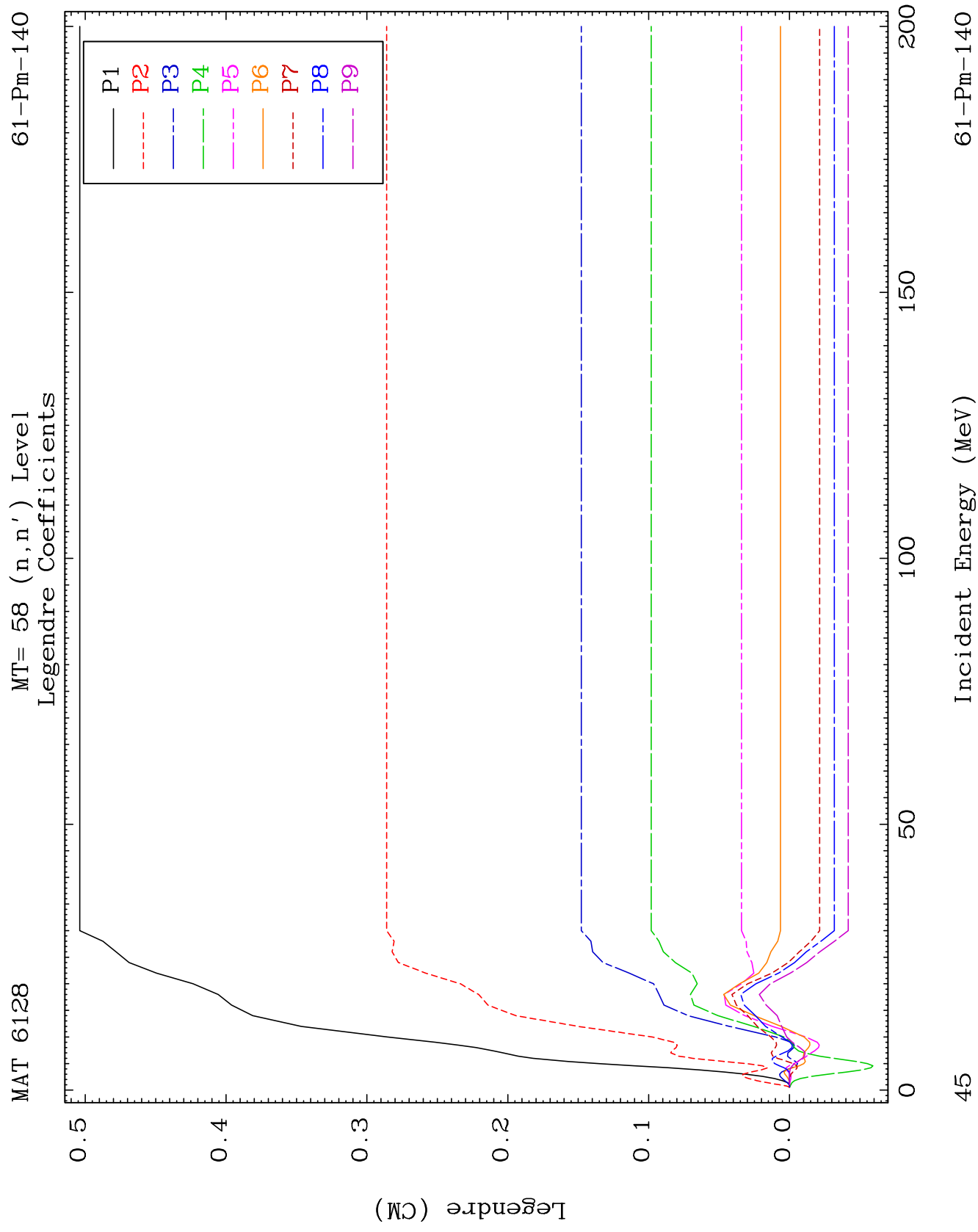








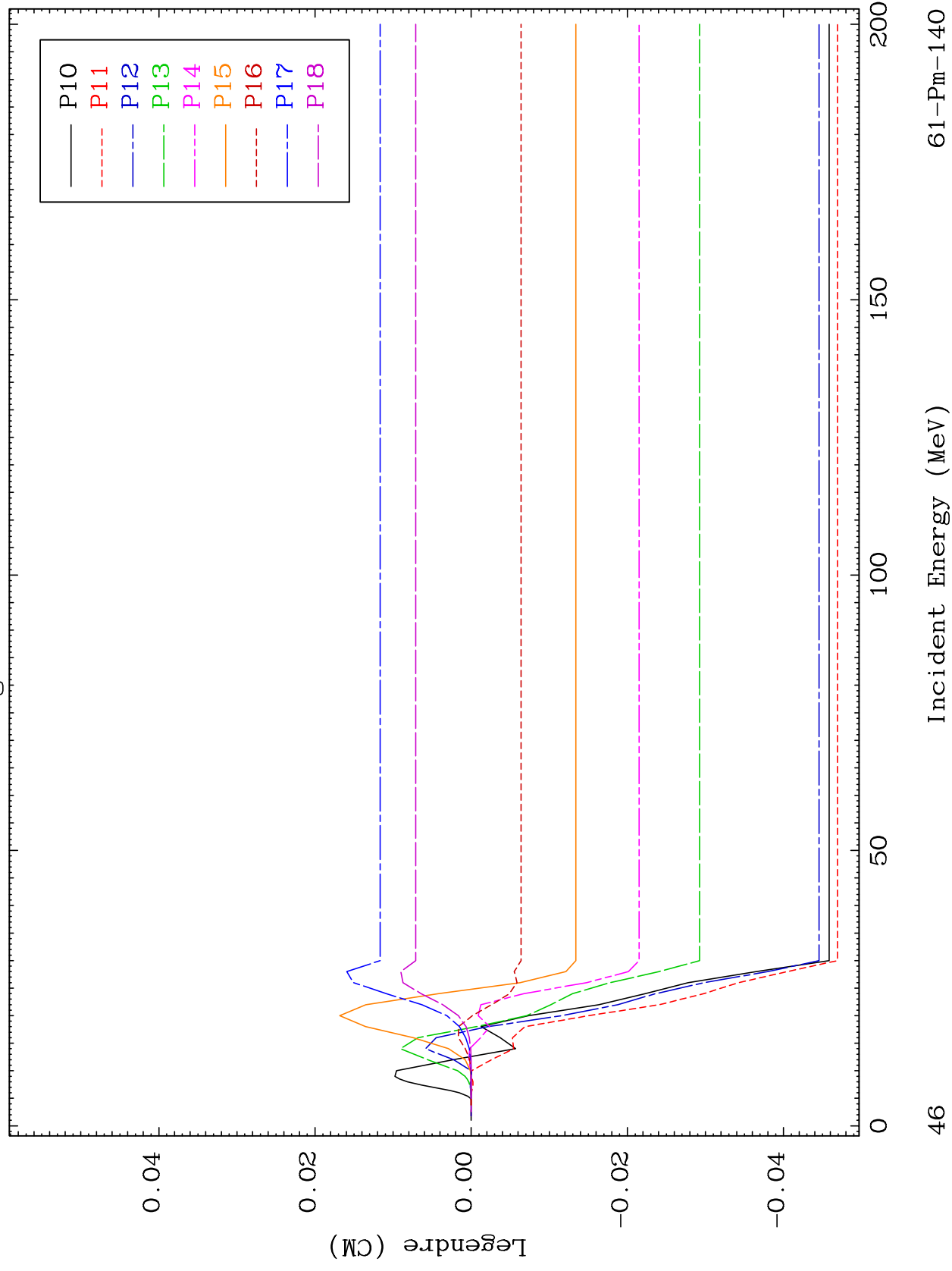


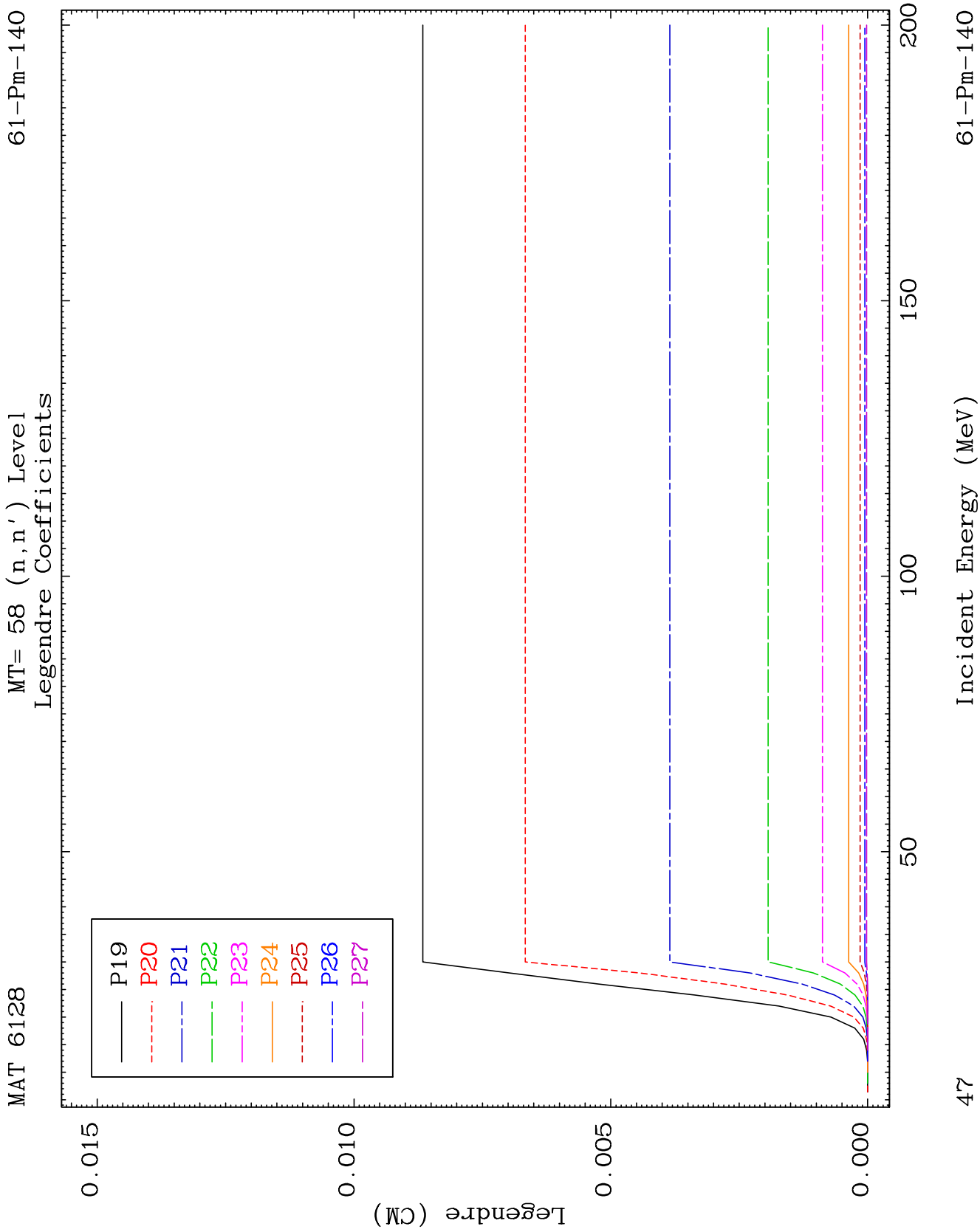


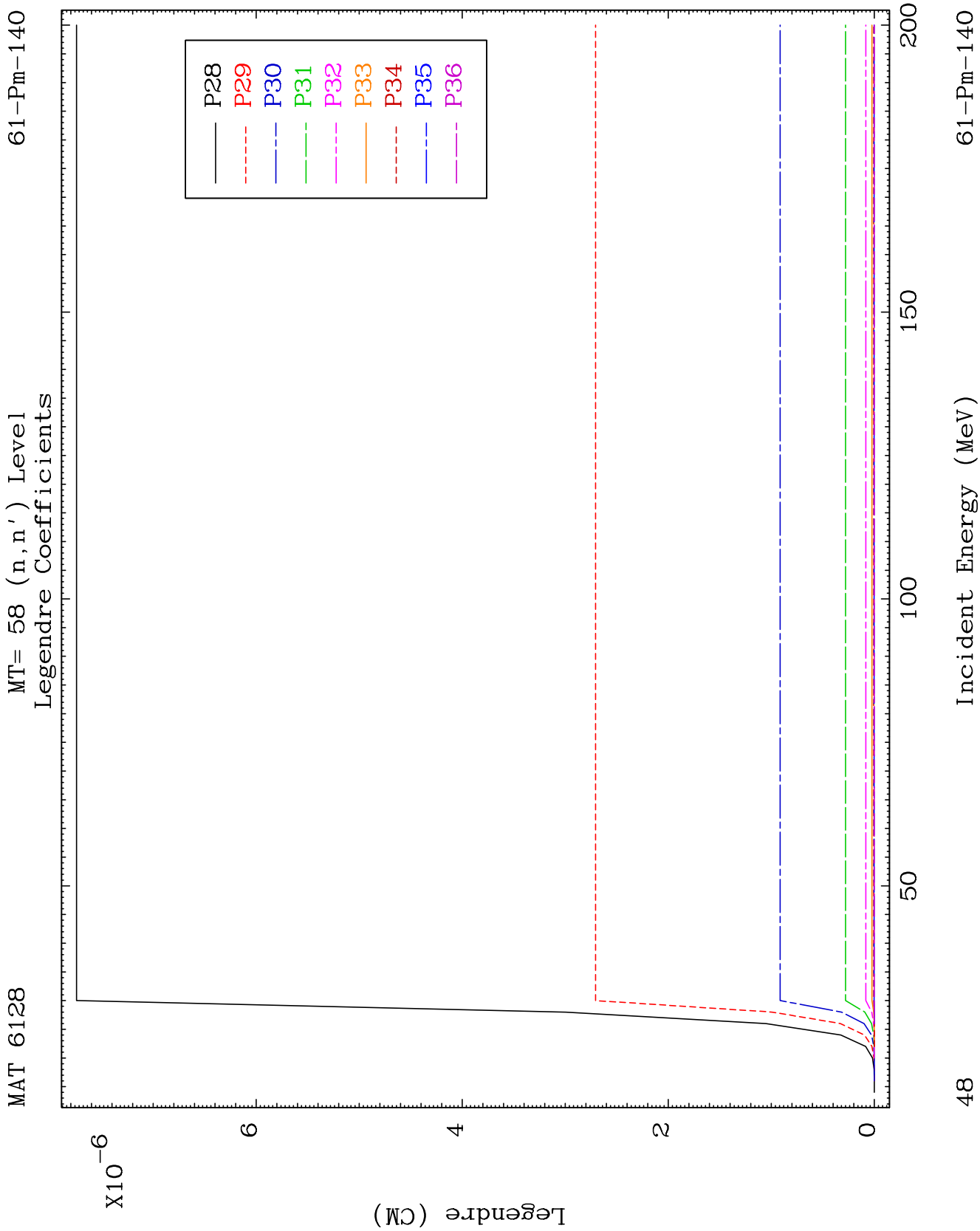
MAT 6128

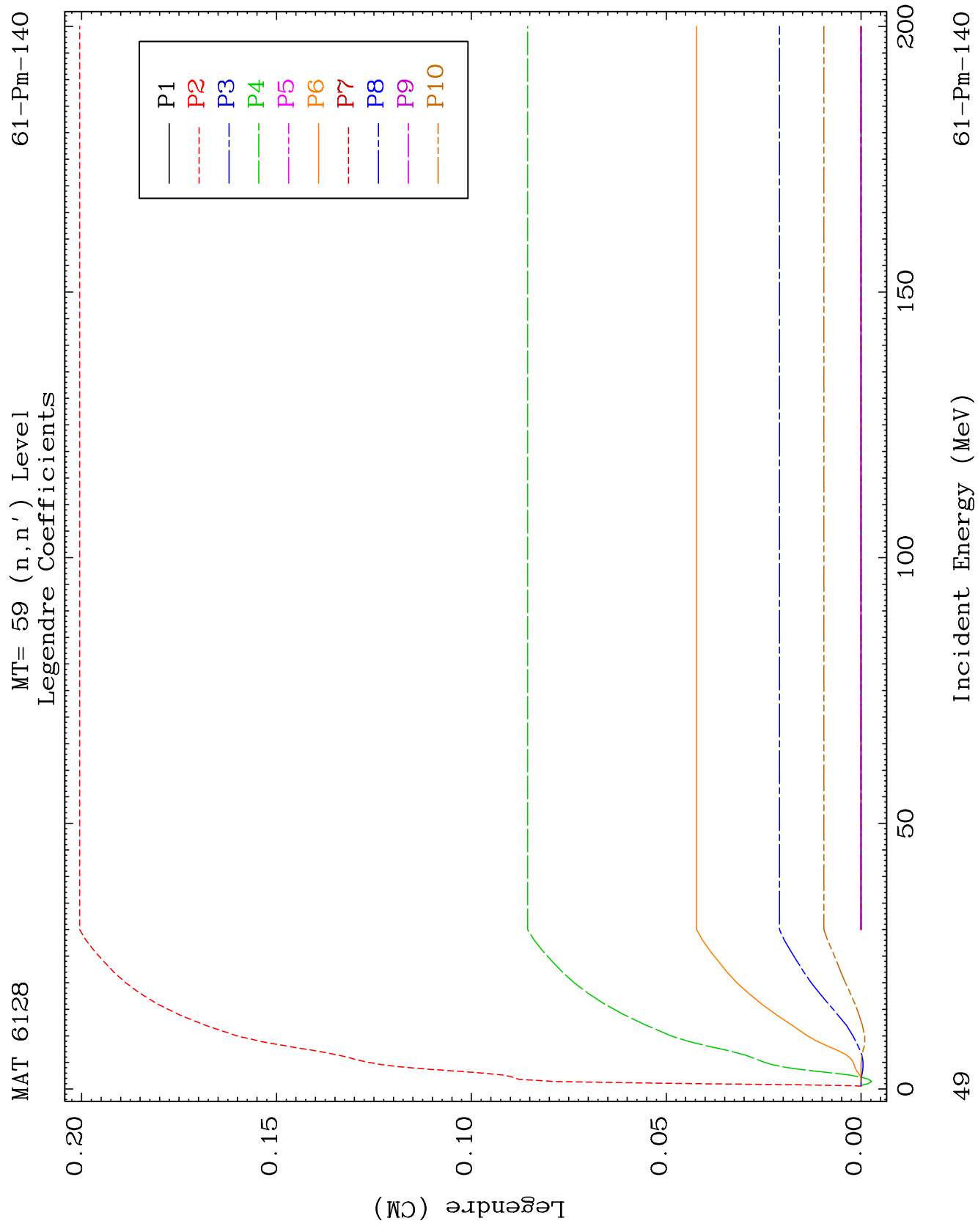
MT= 58 (n, n') Level
Legendre Coefficients

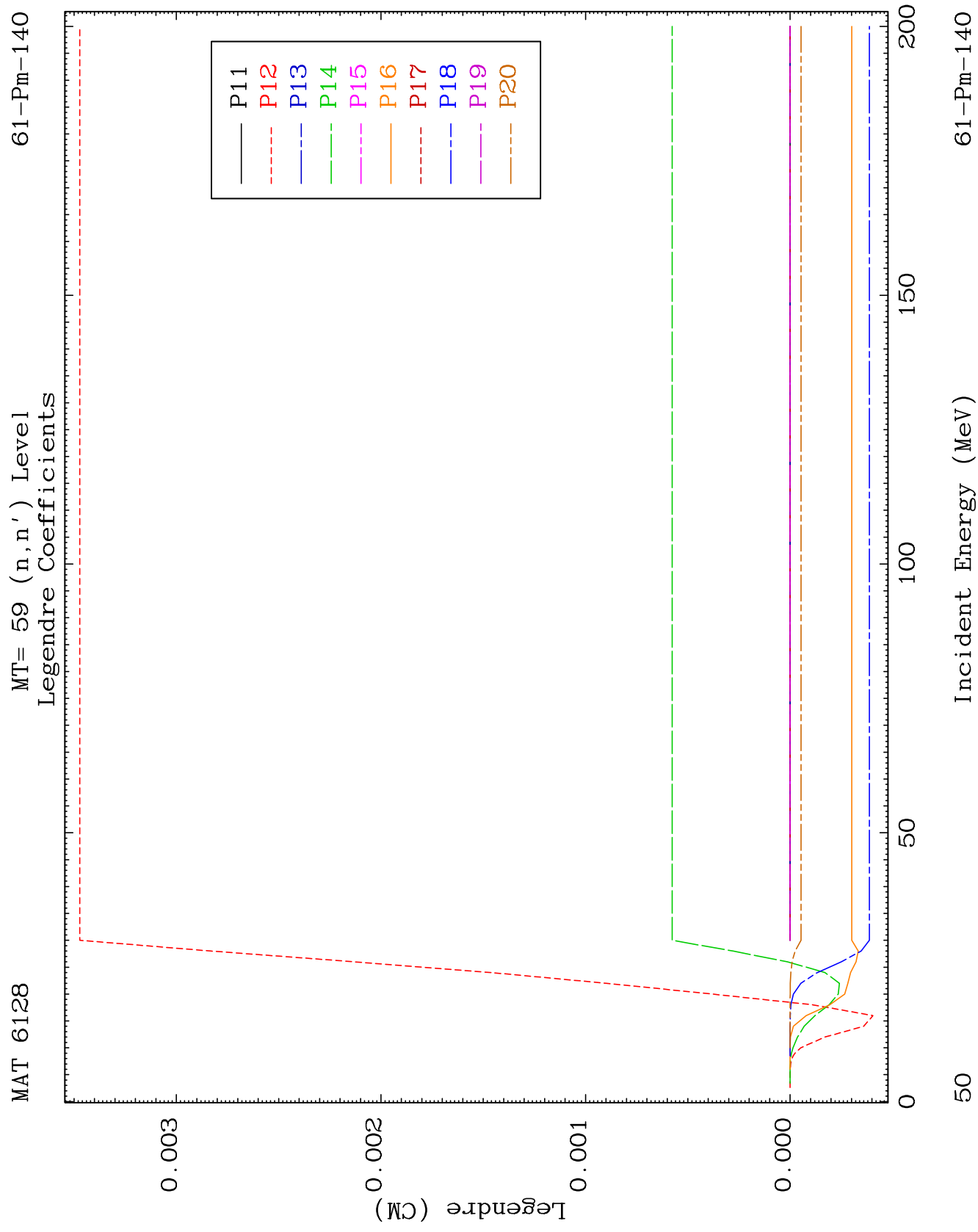
61-Pm-140

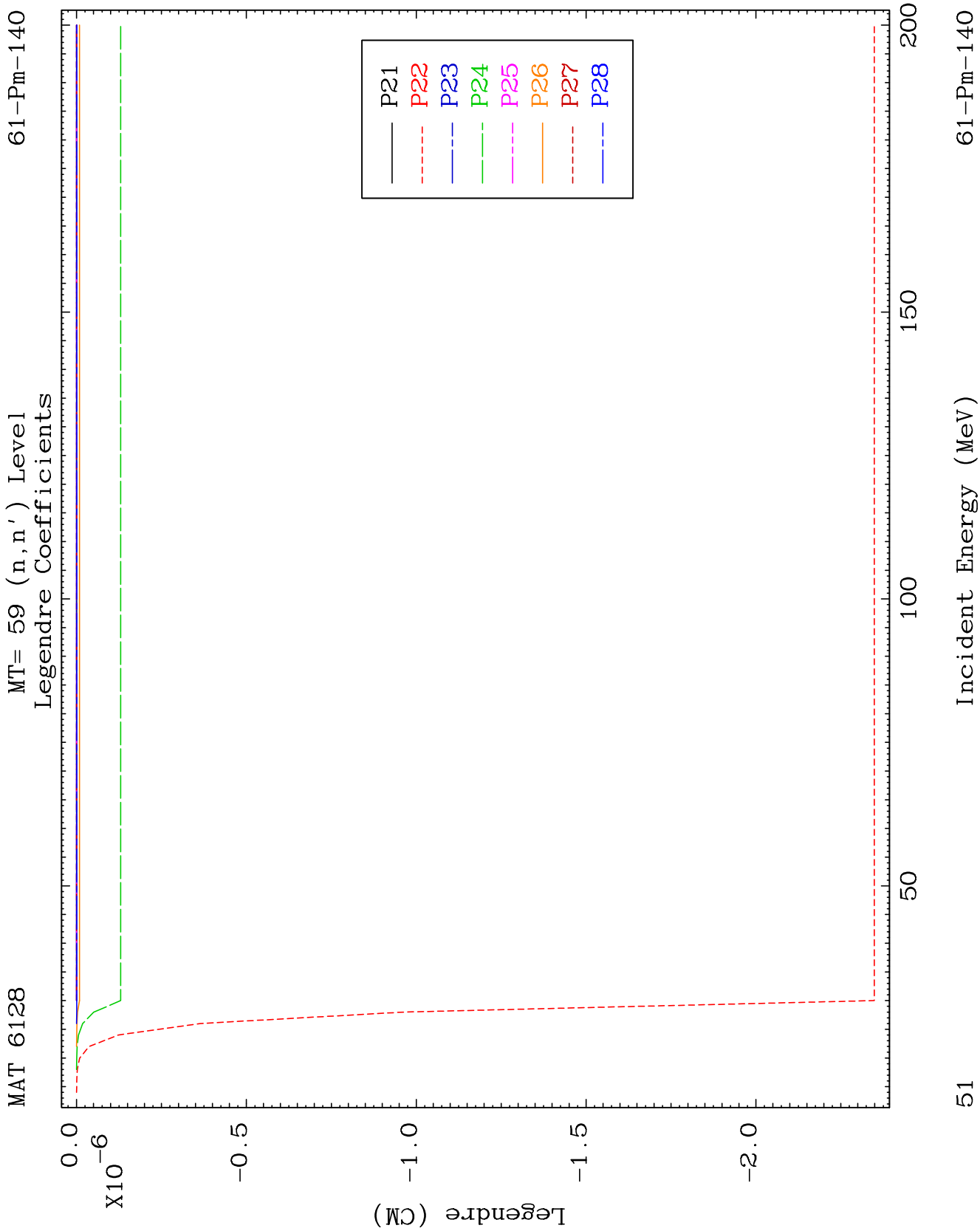


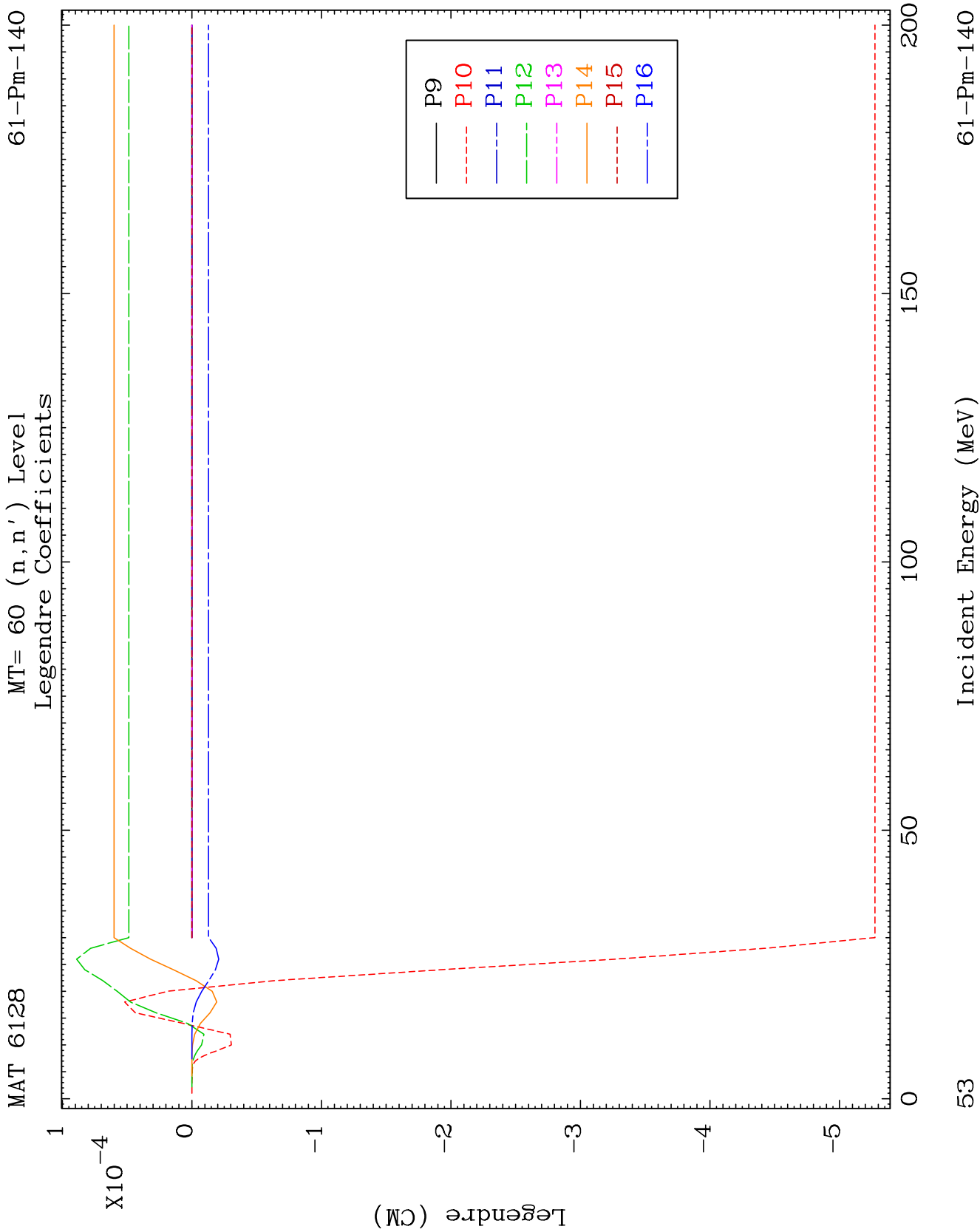


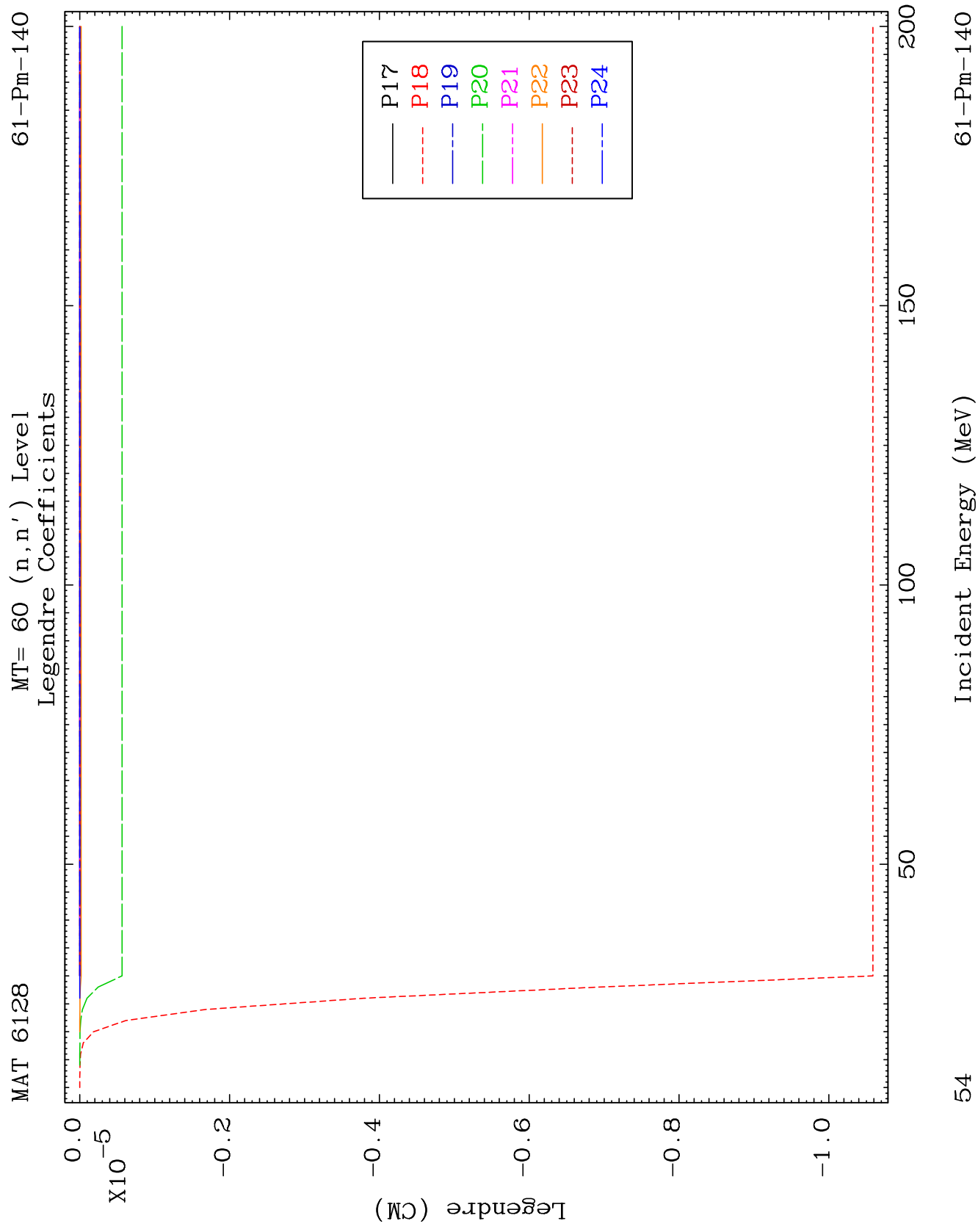


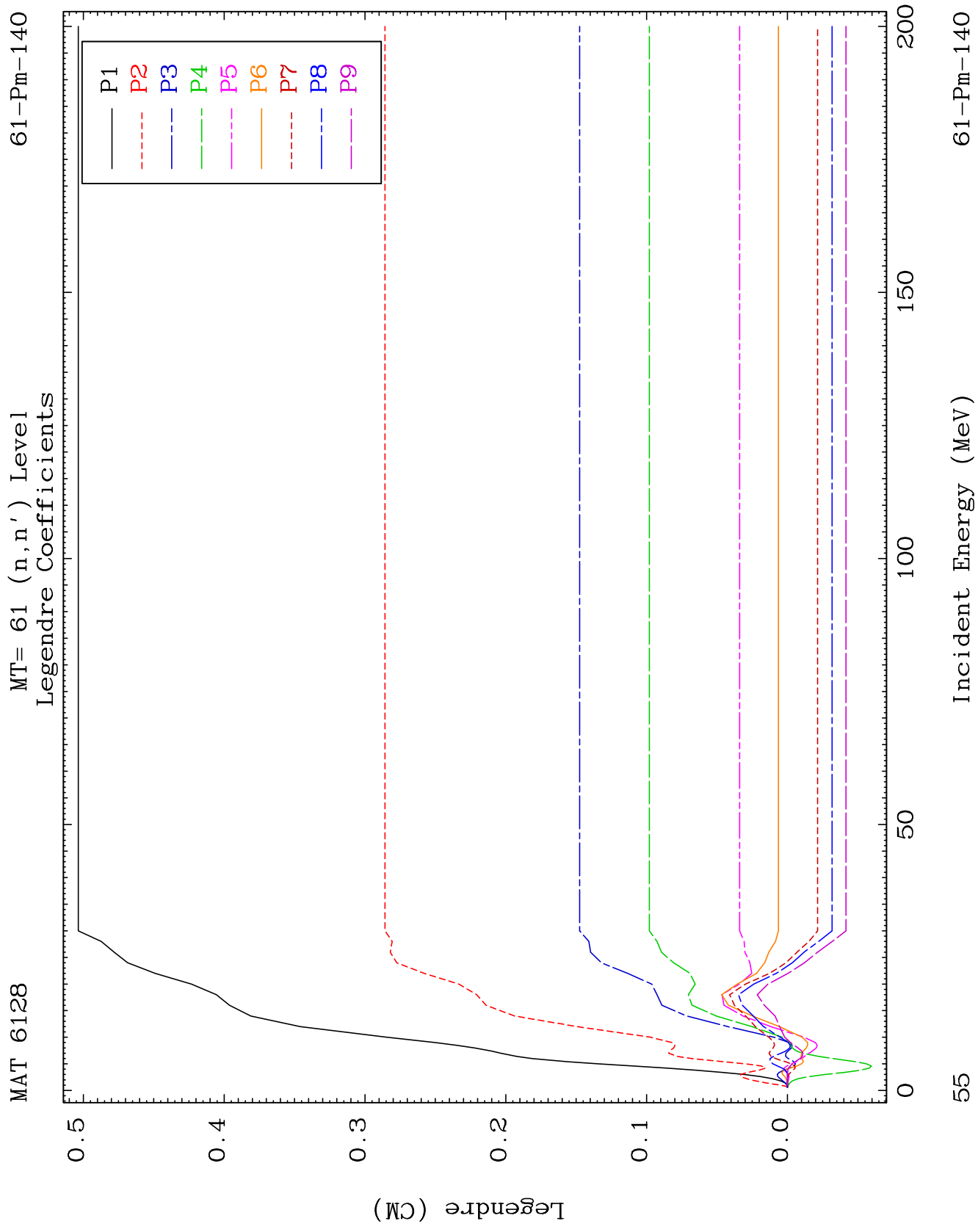


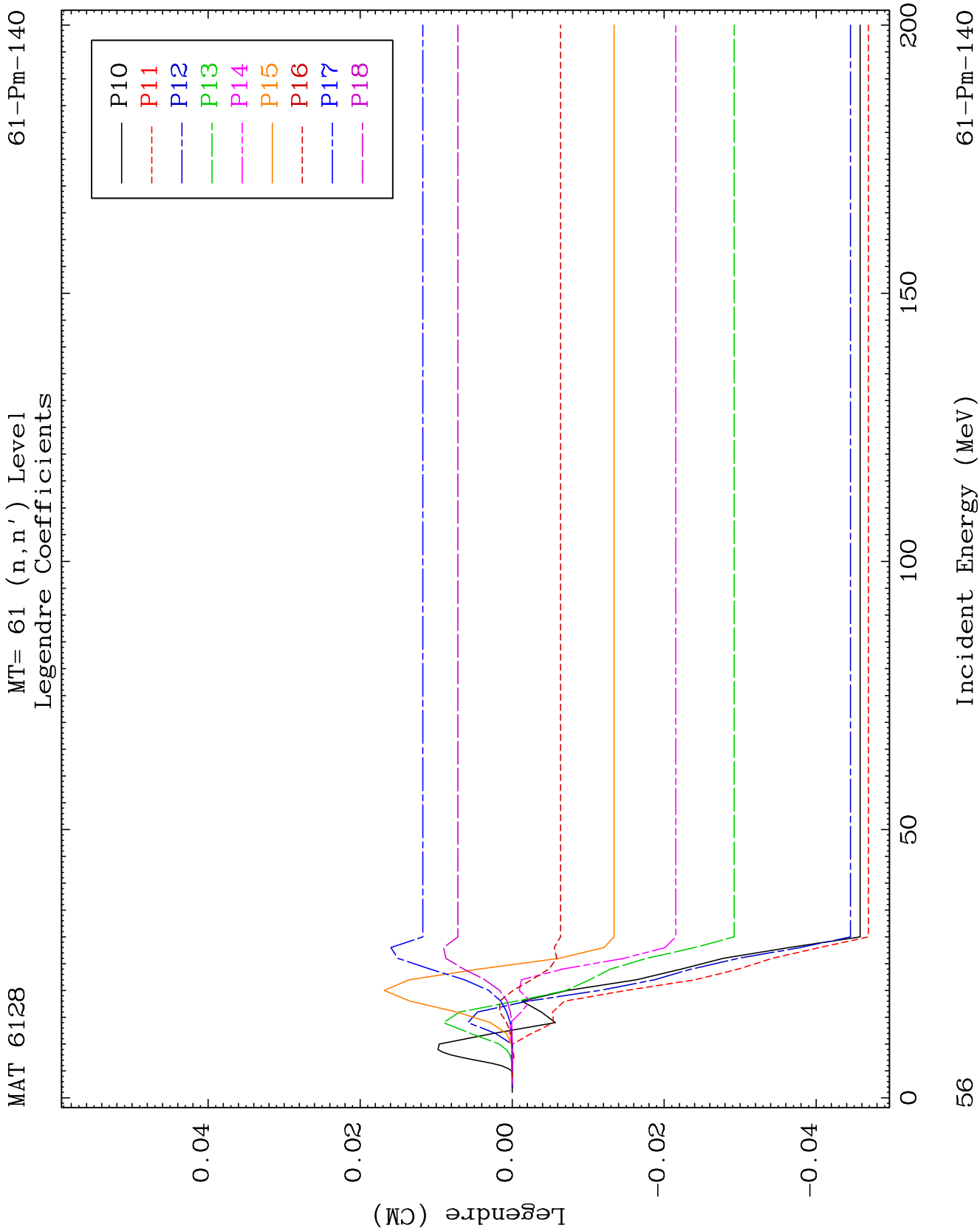


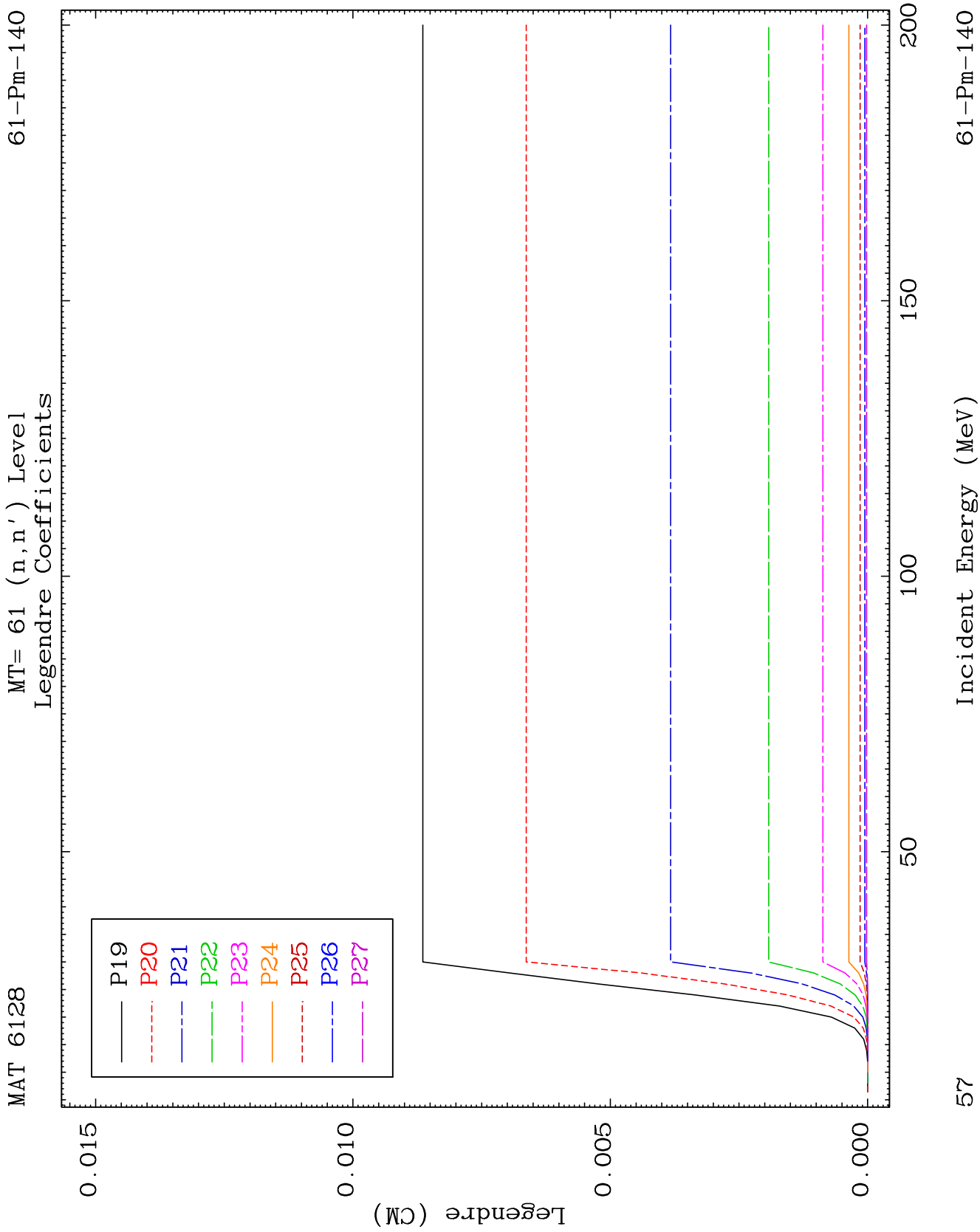


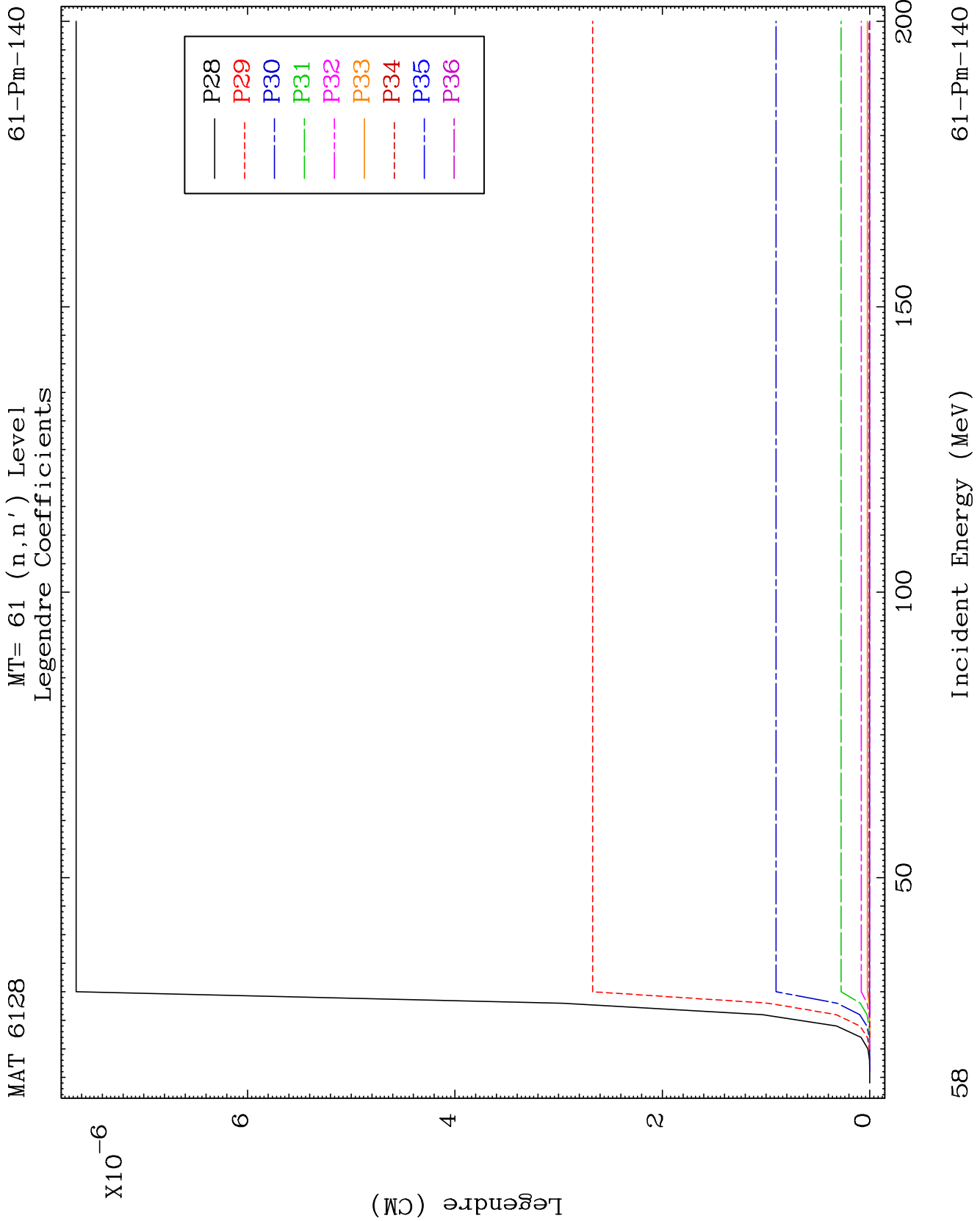


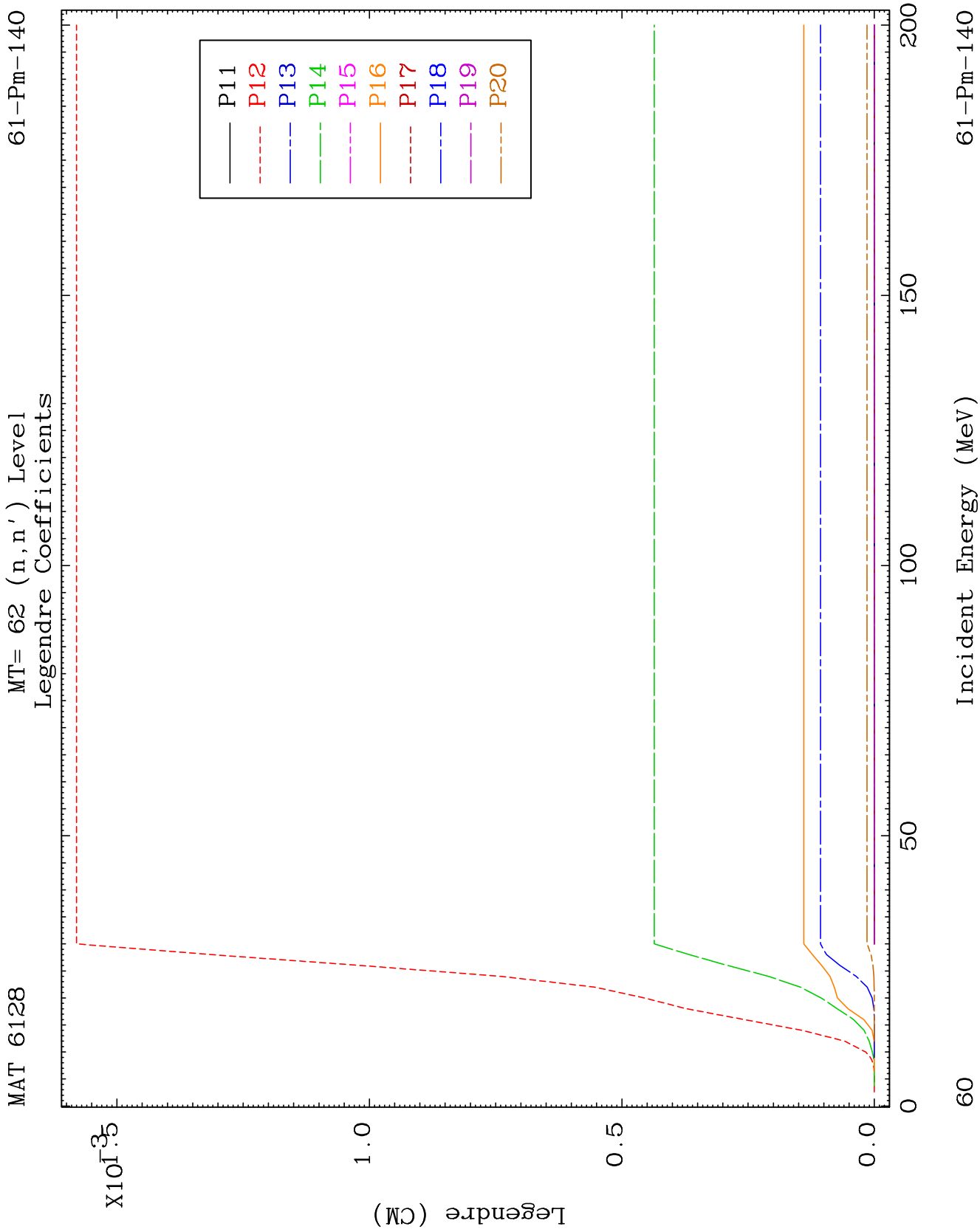


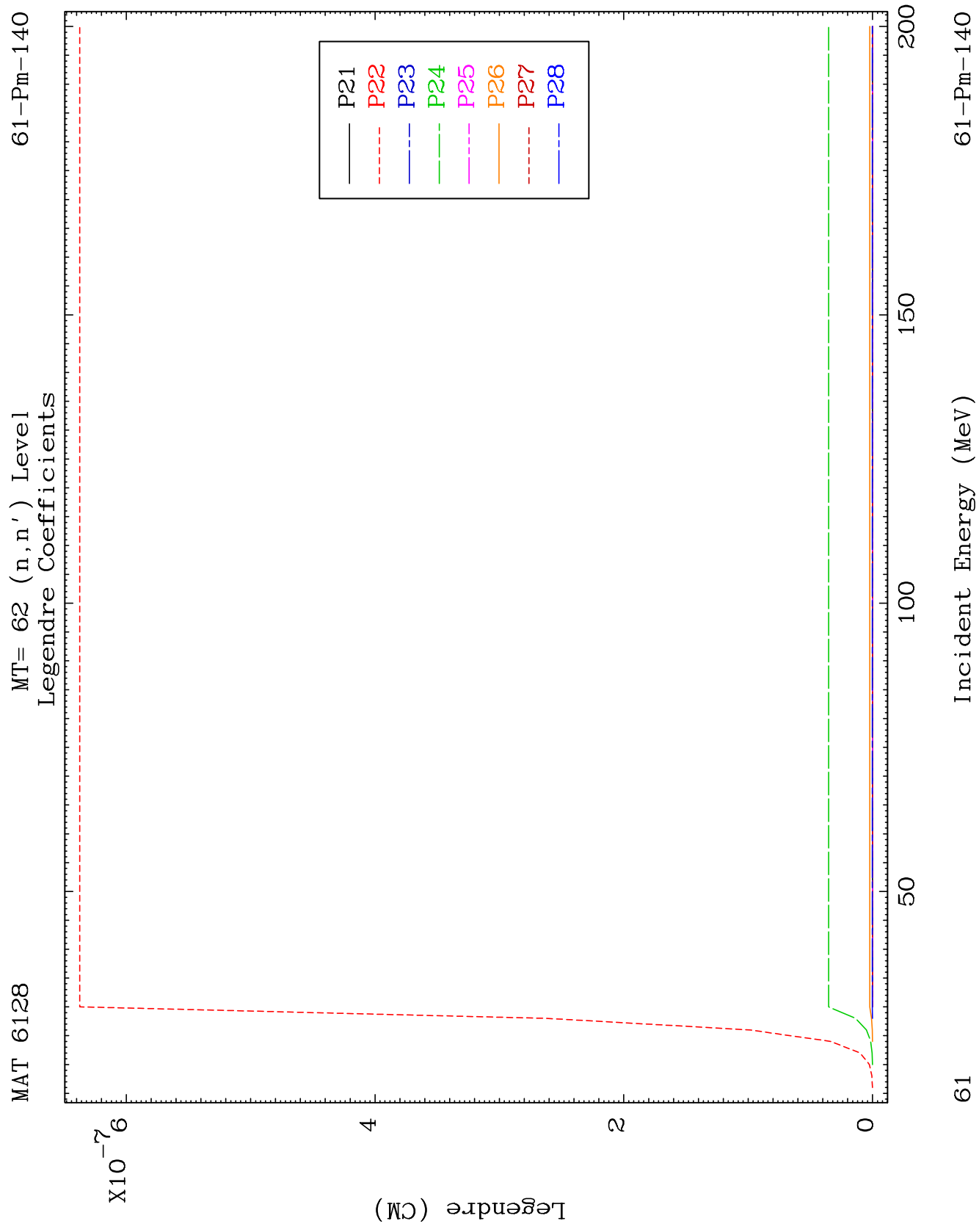








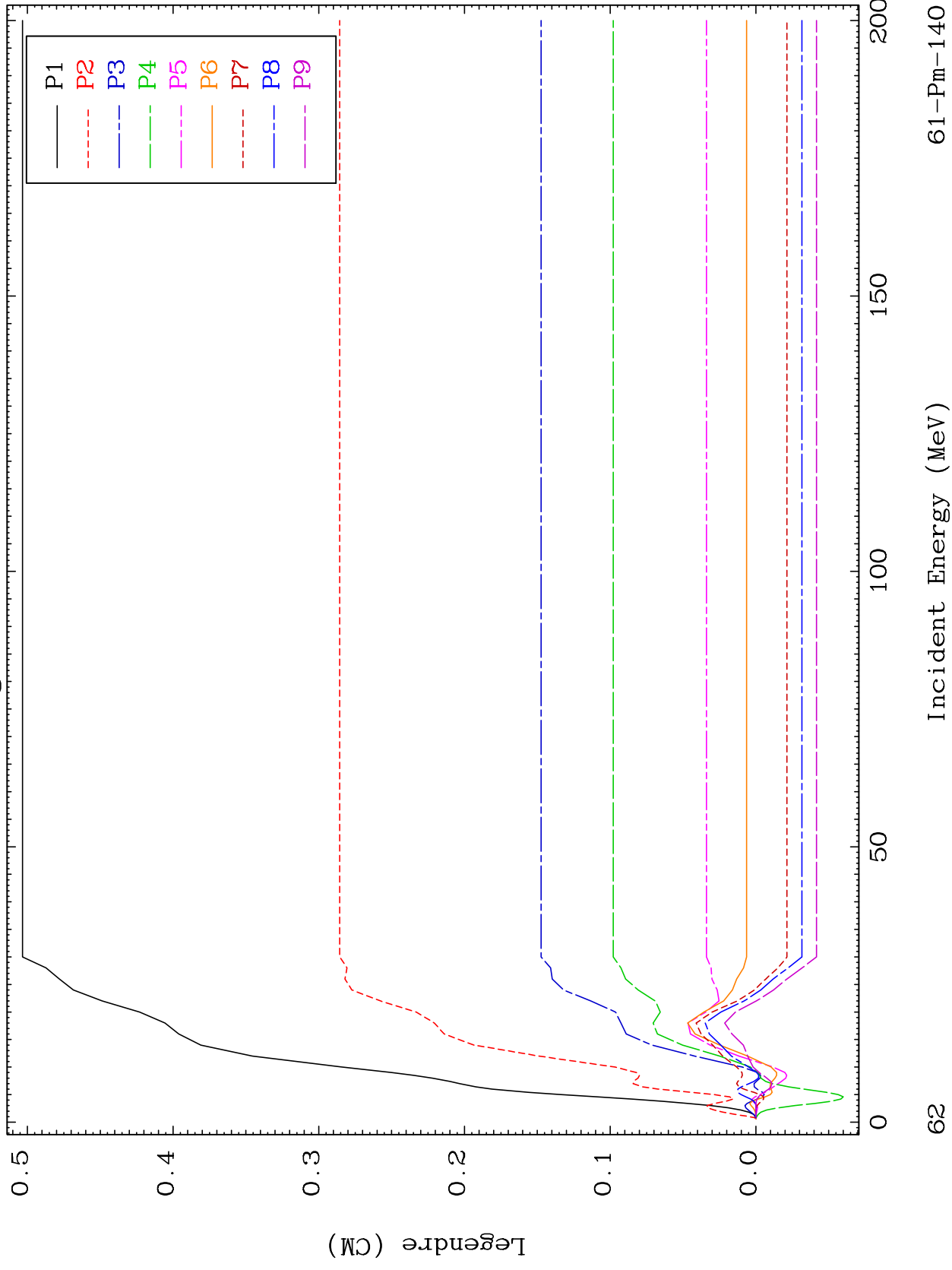




MAT 6128

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

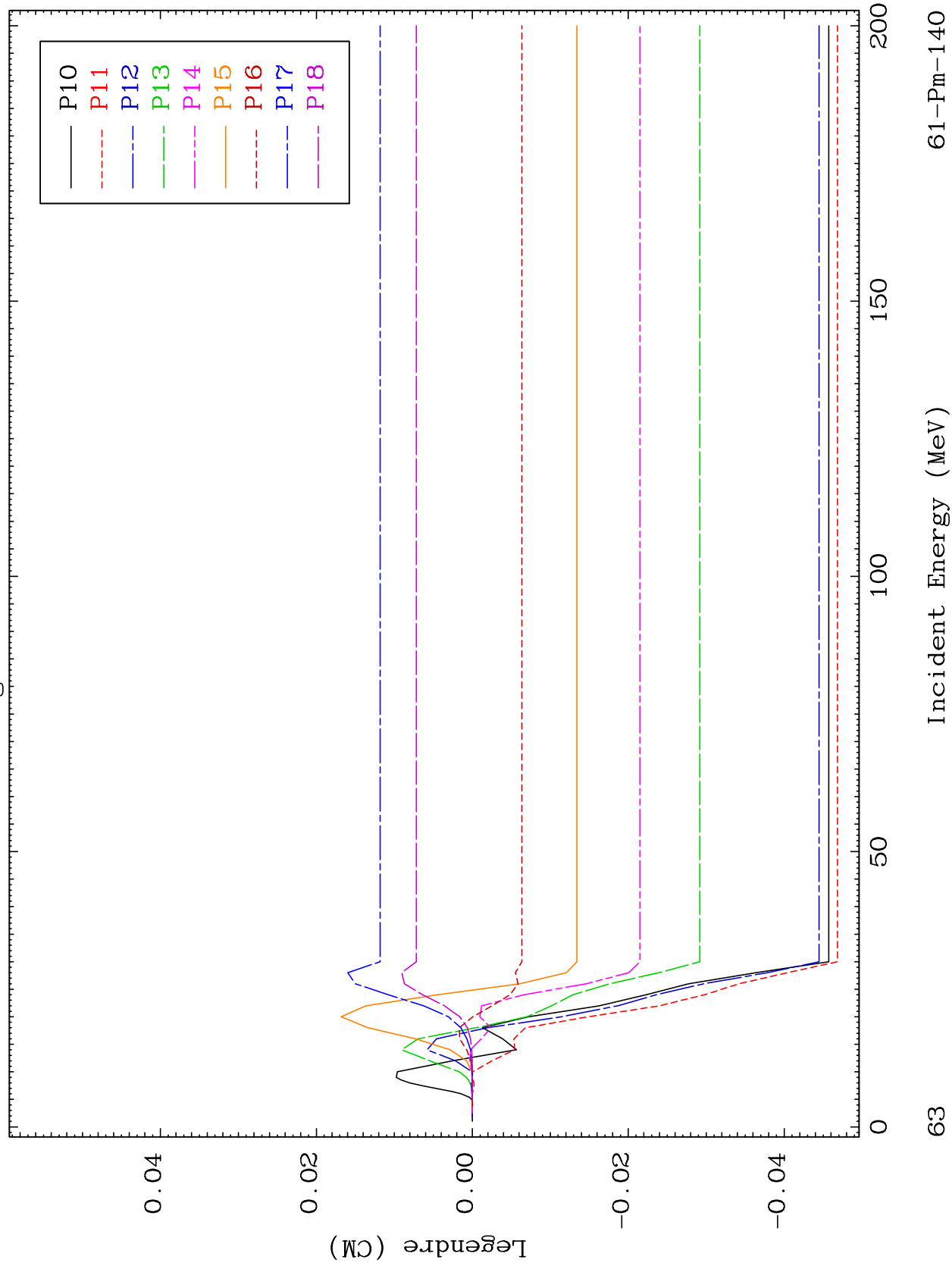
61-Pm-140



MAT 6128

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

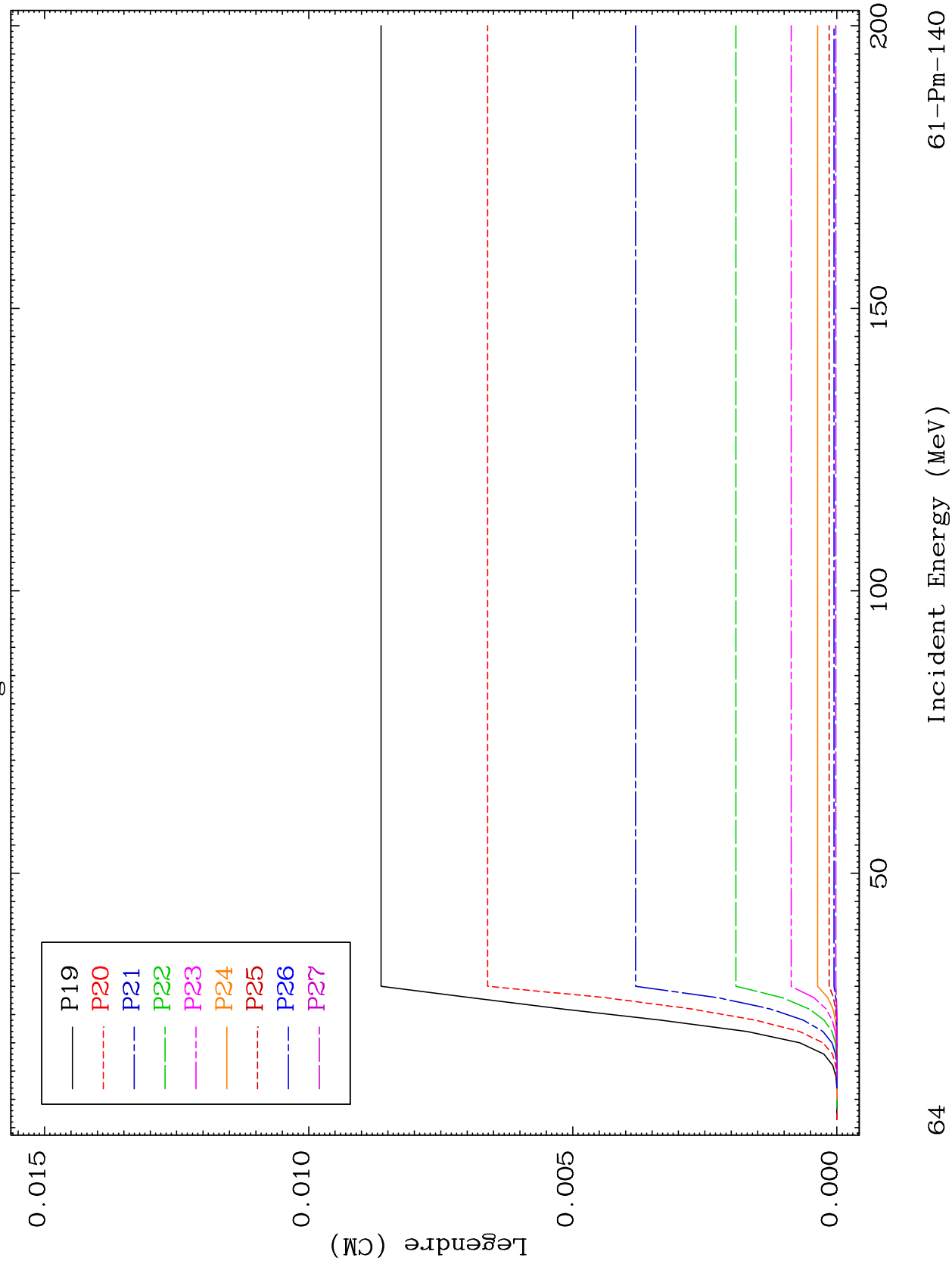
61-Pm-140

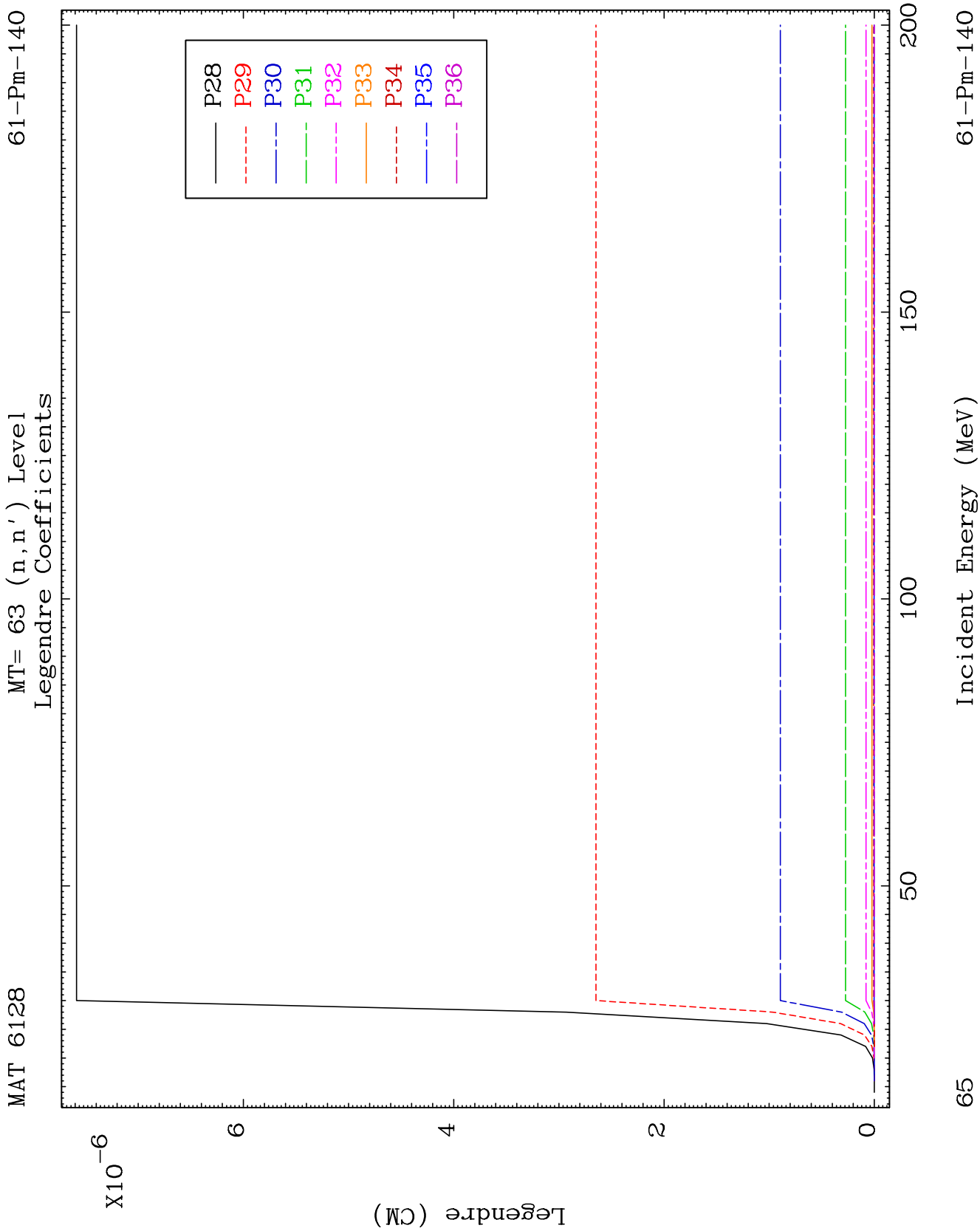


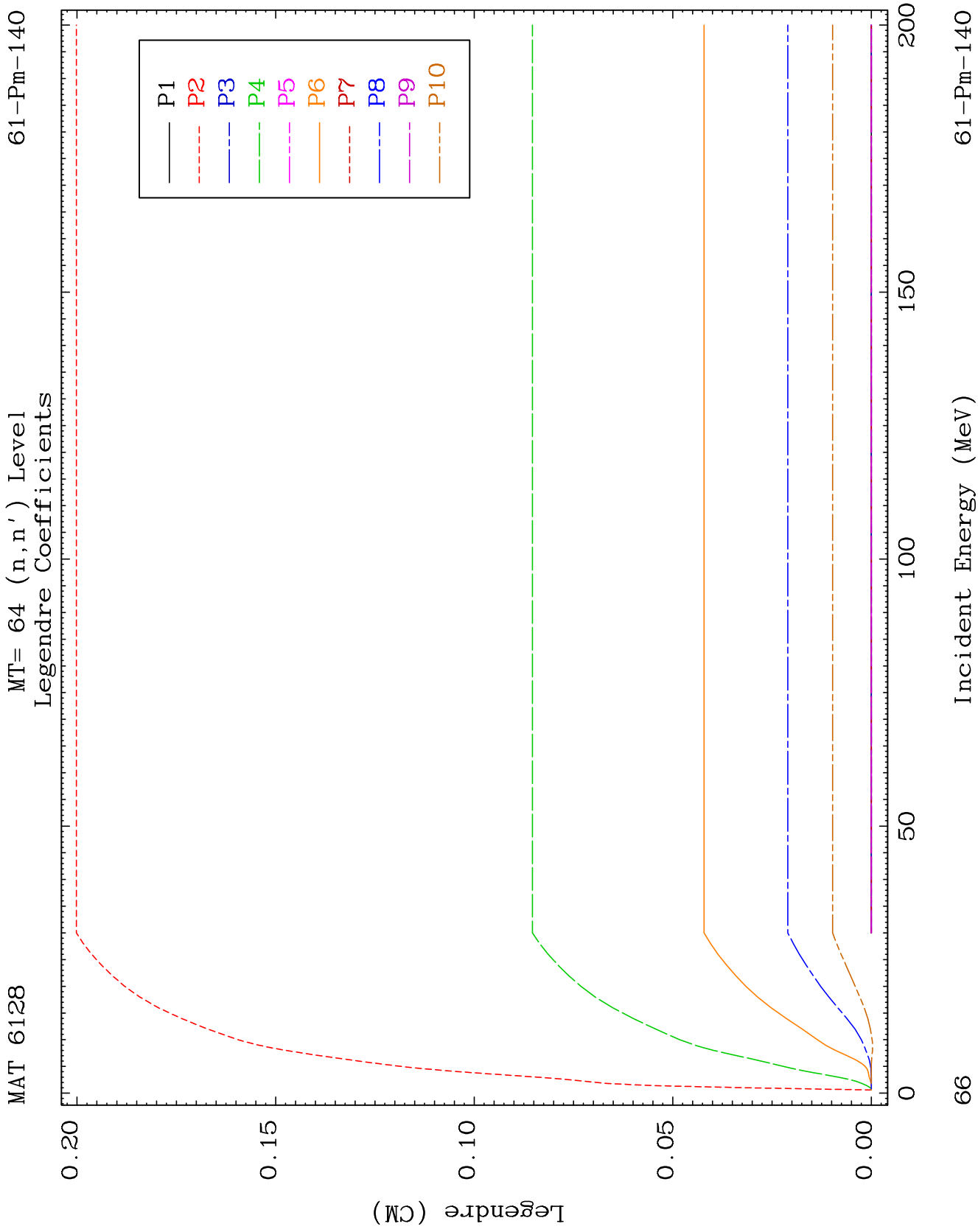
MAT 6128

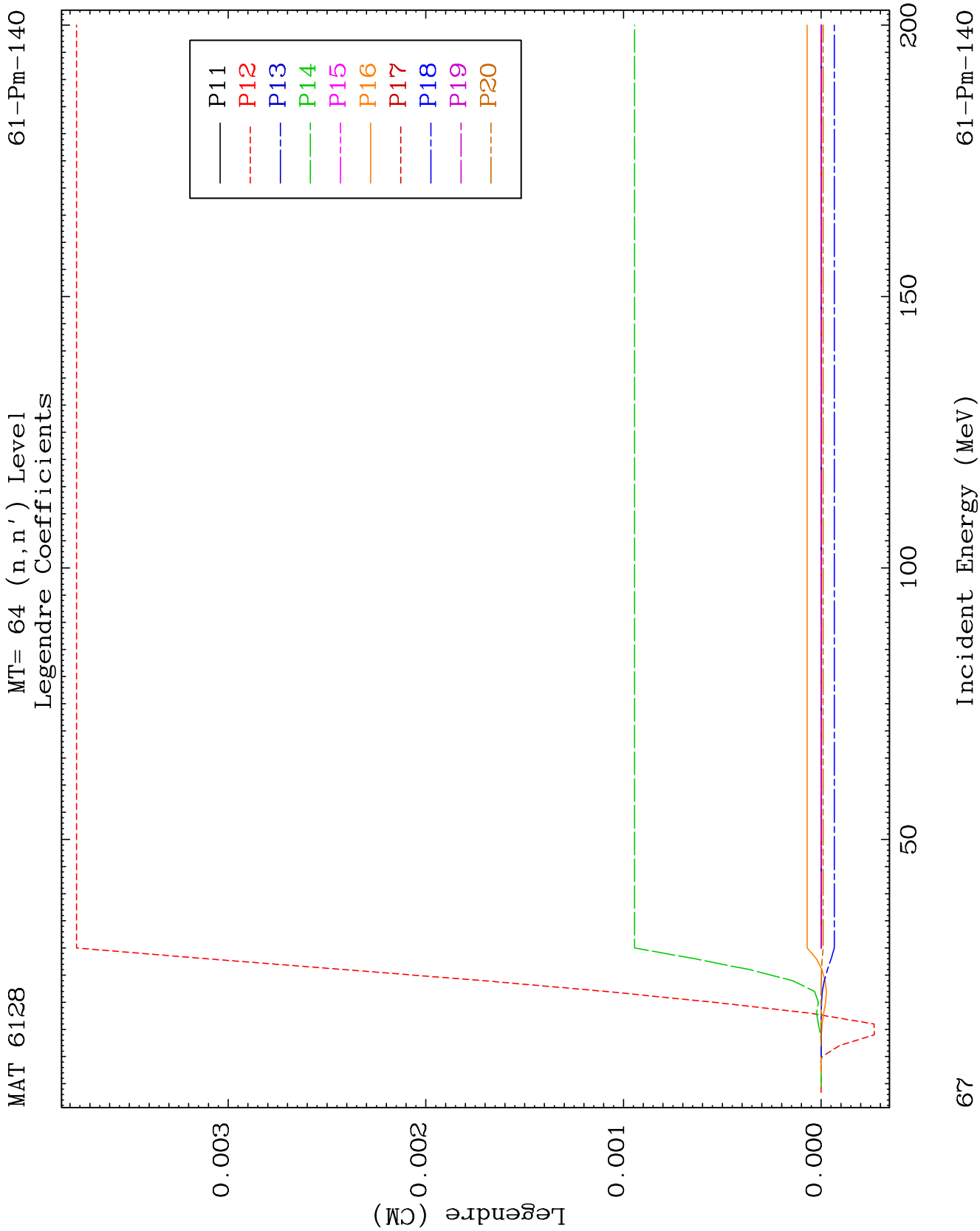
MT= 63 (n, n') Level
Legendre Coefficients

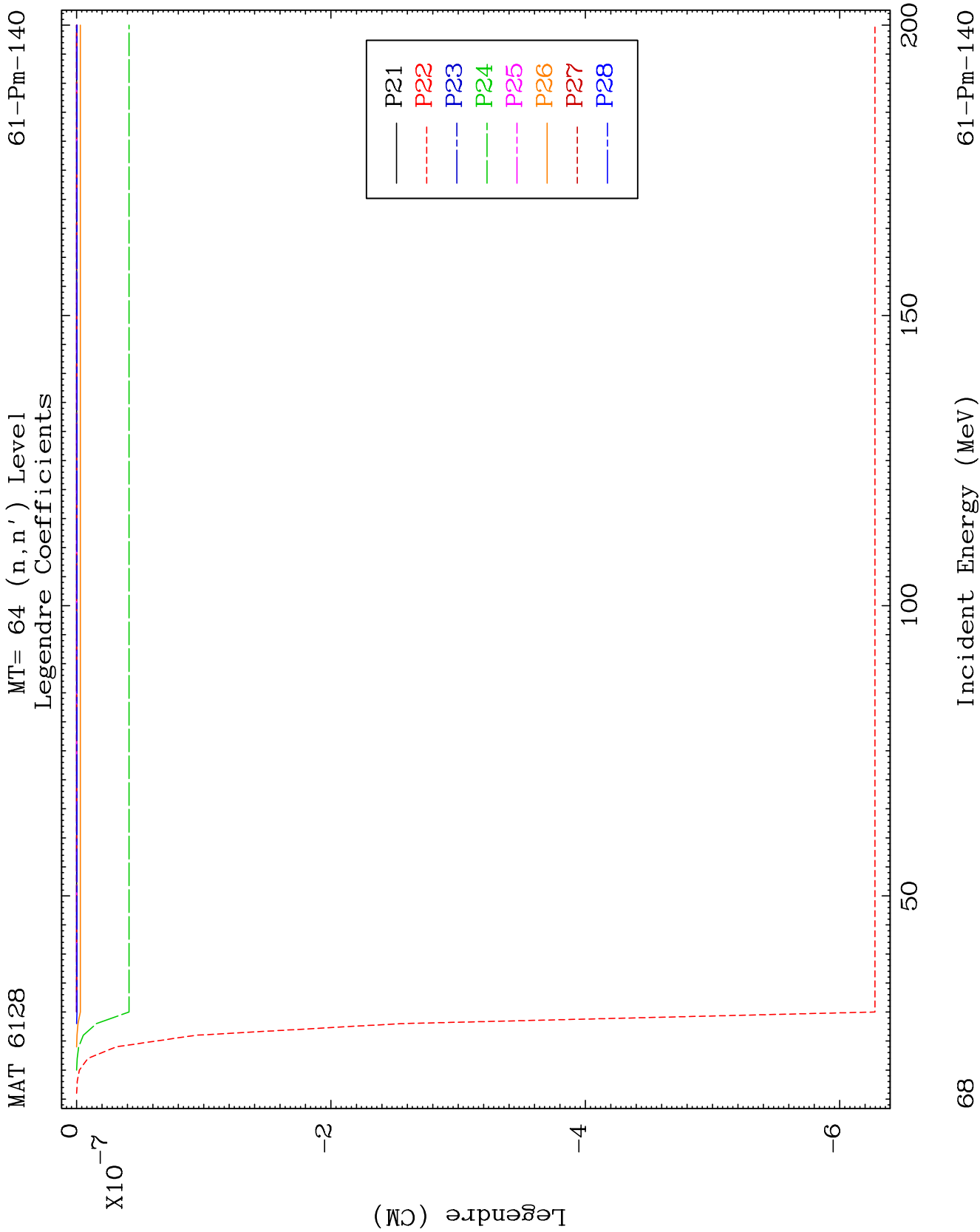
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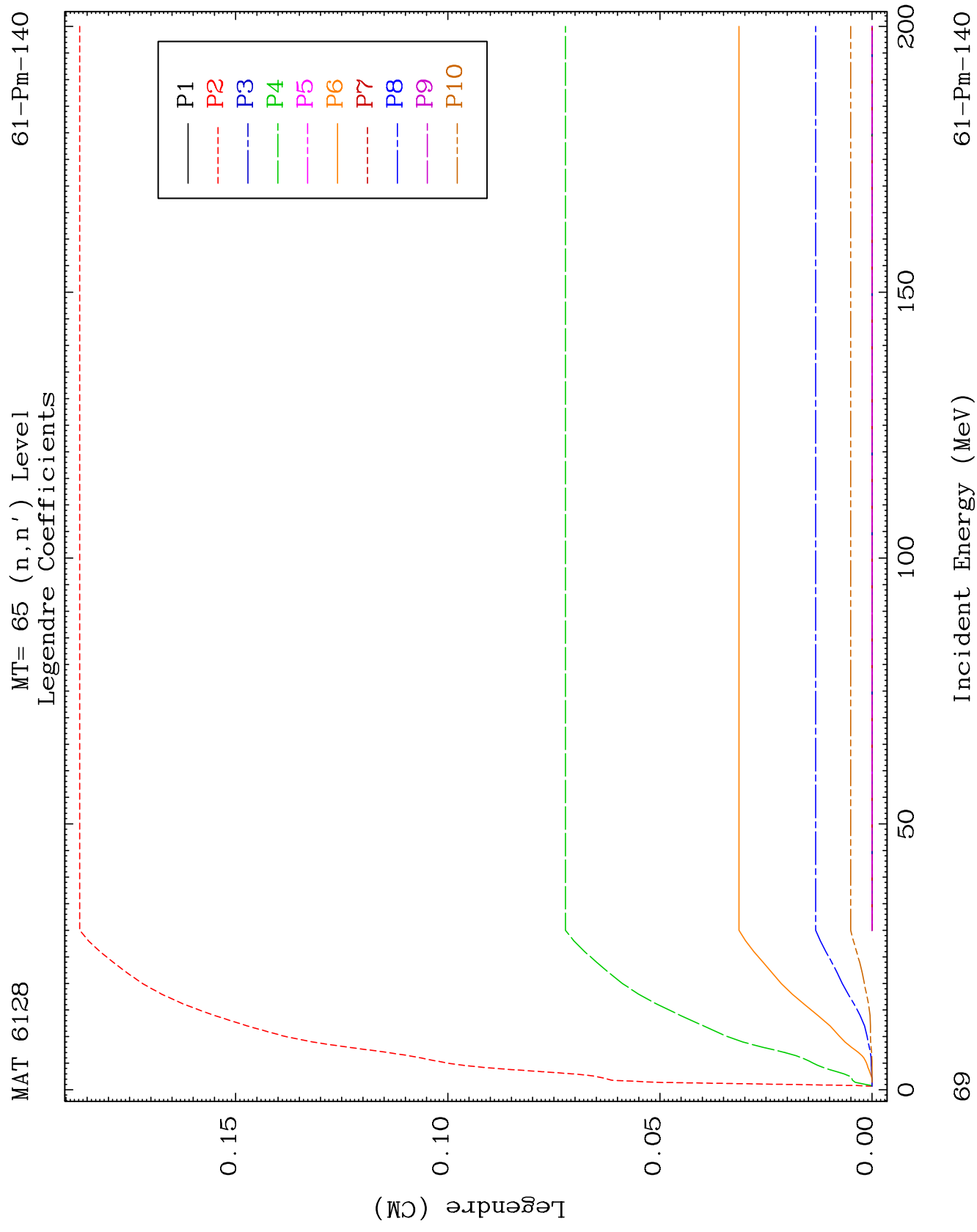


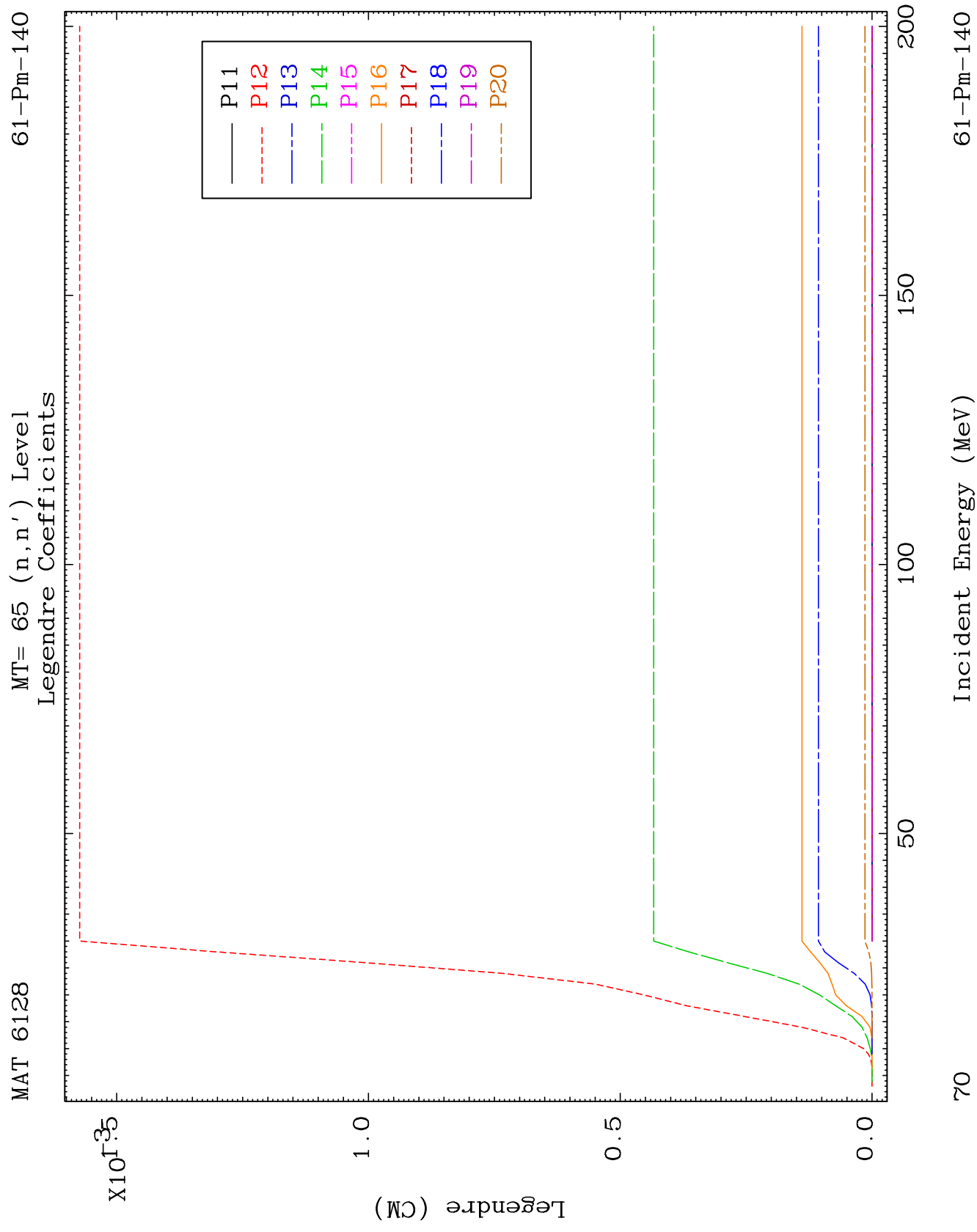


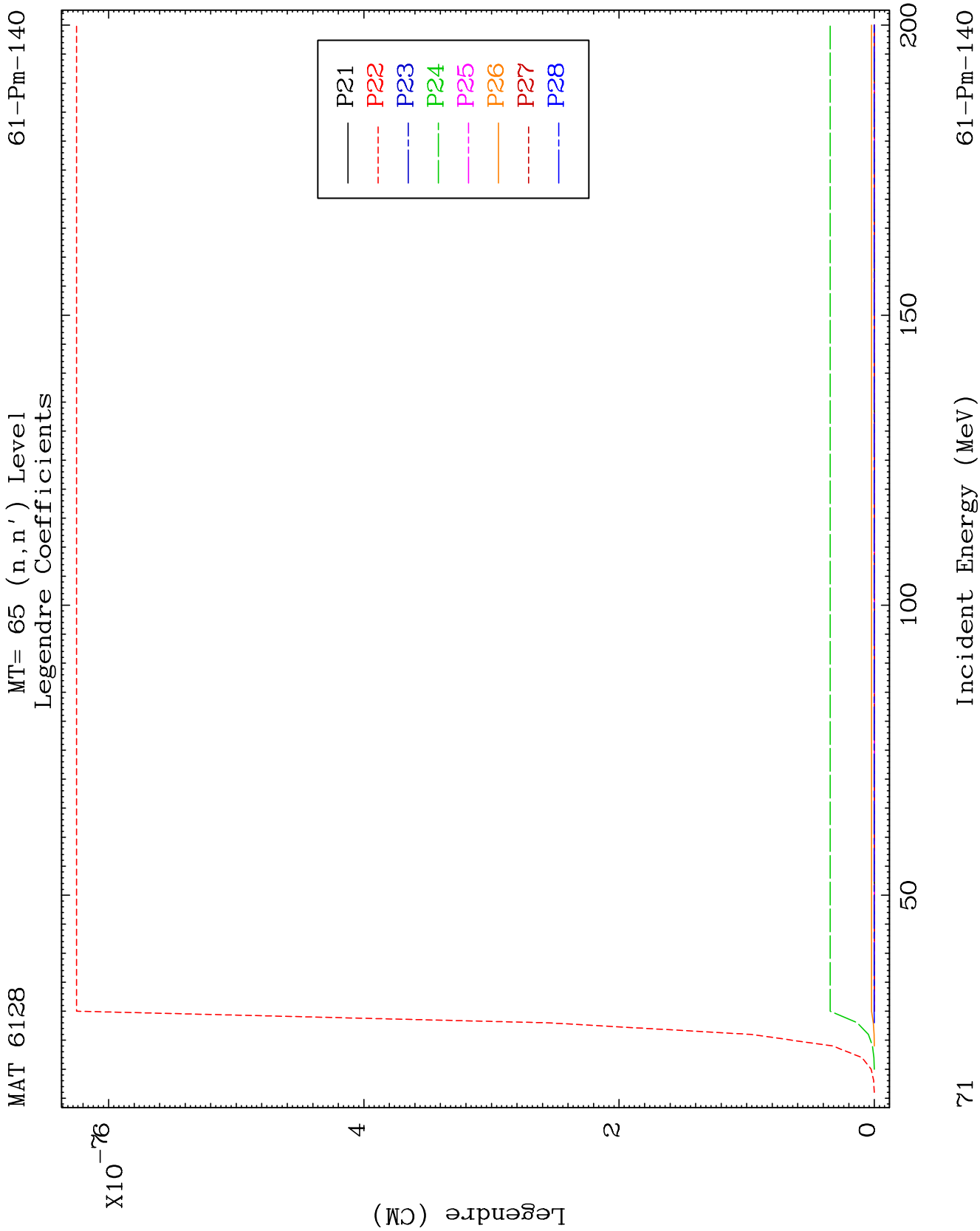


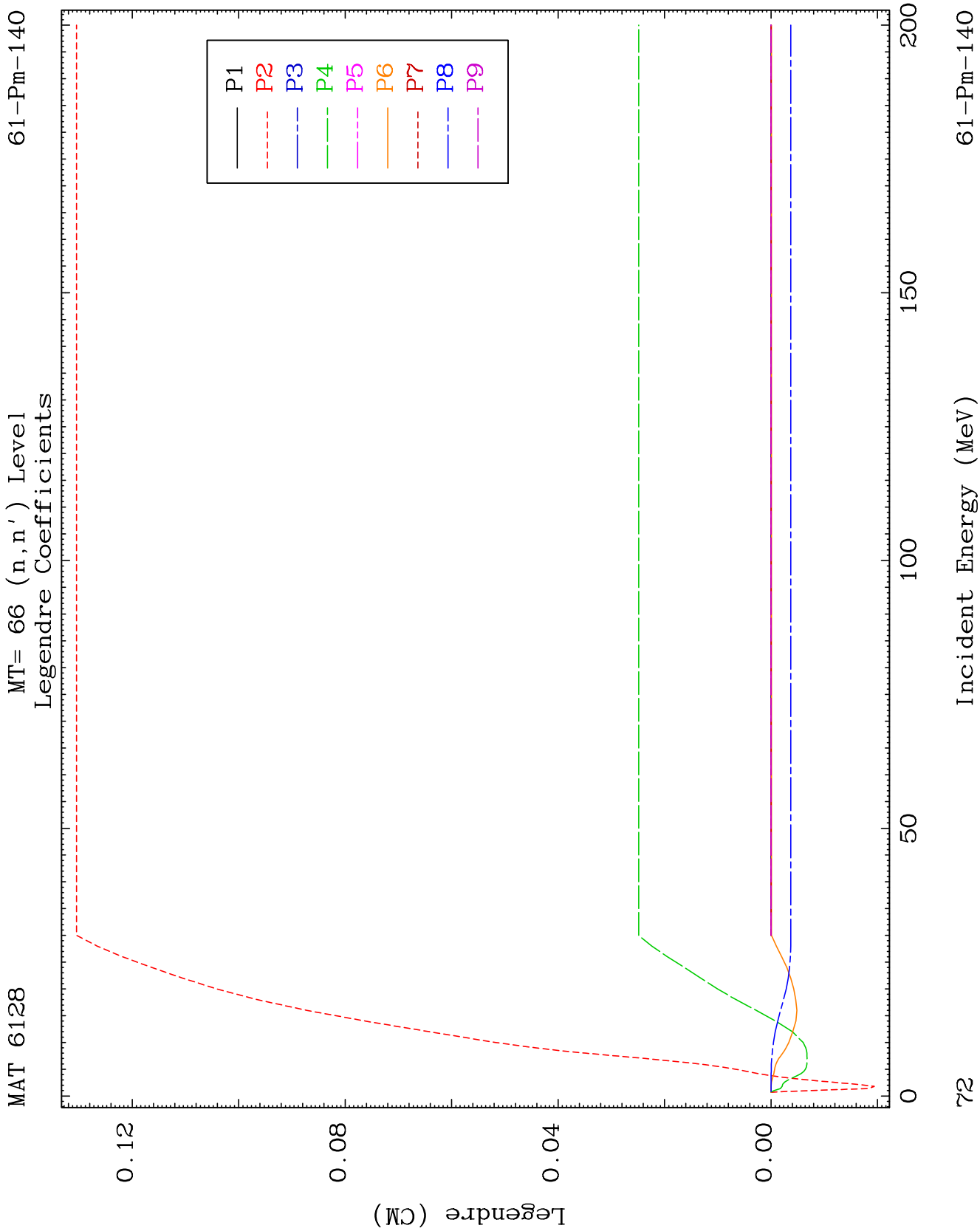


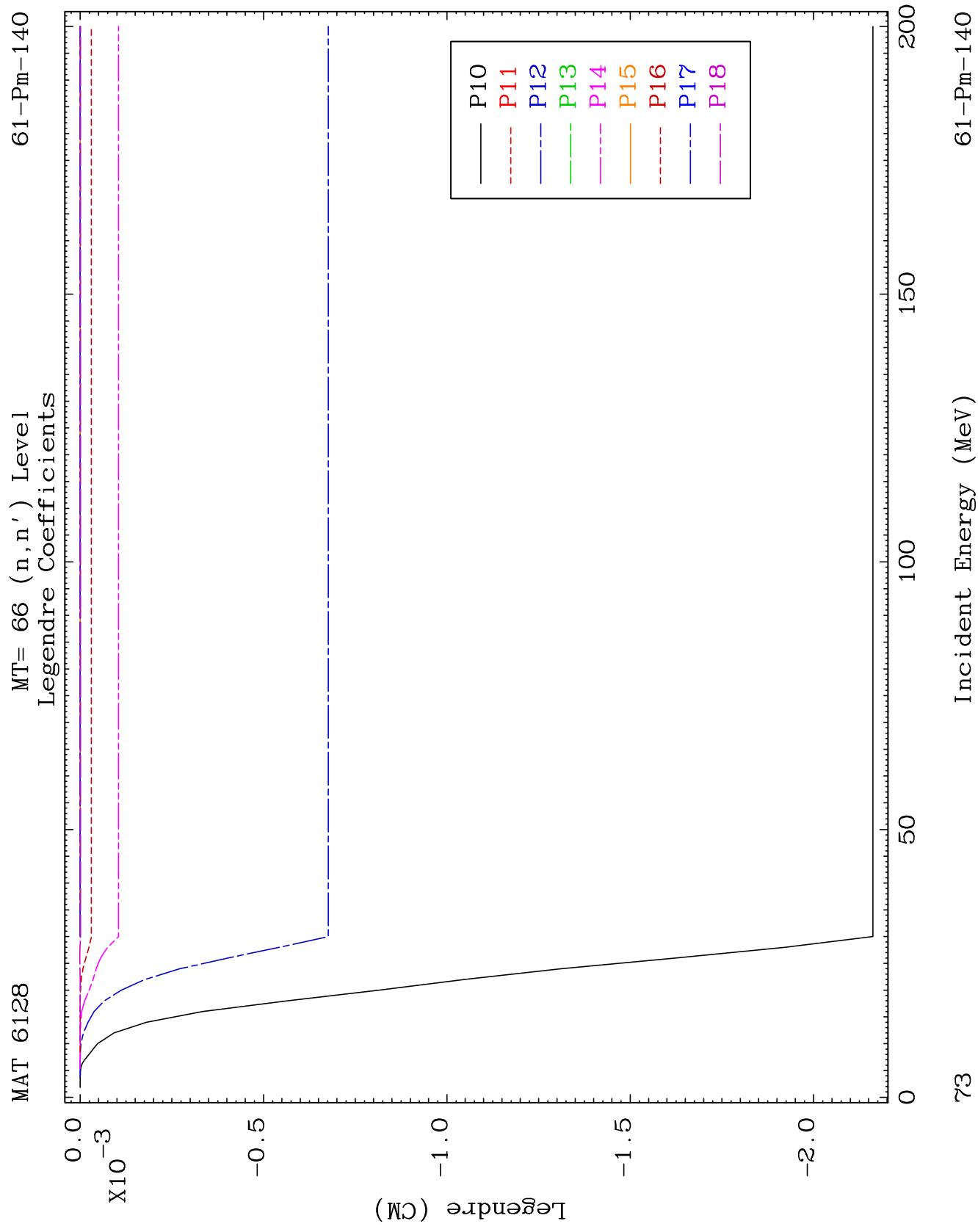


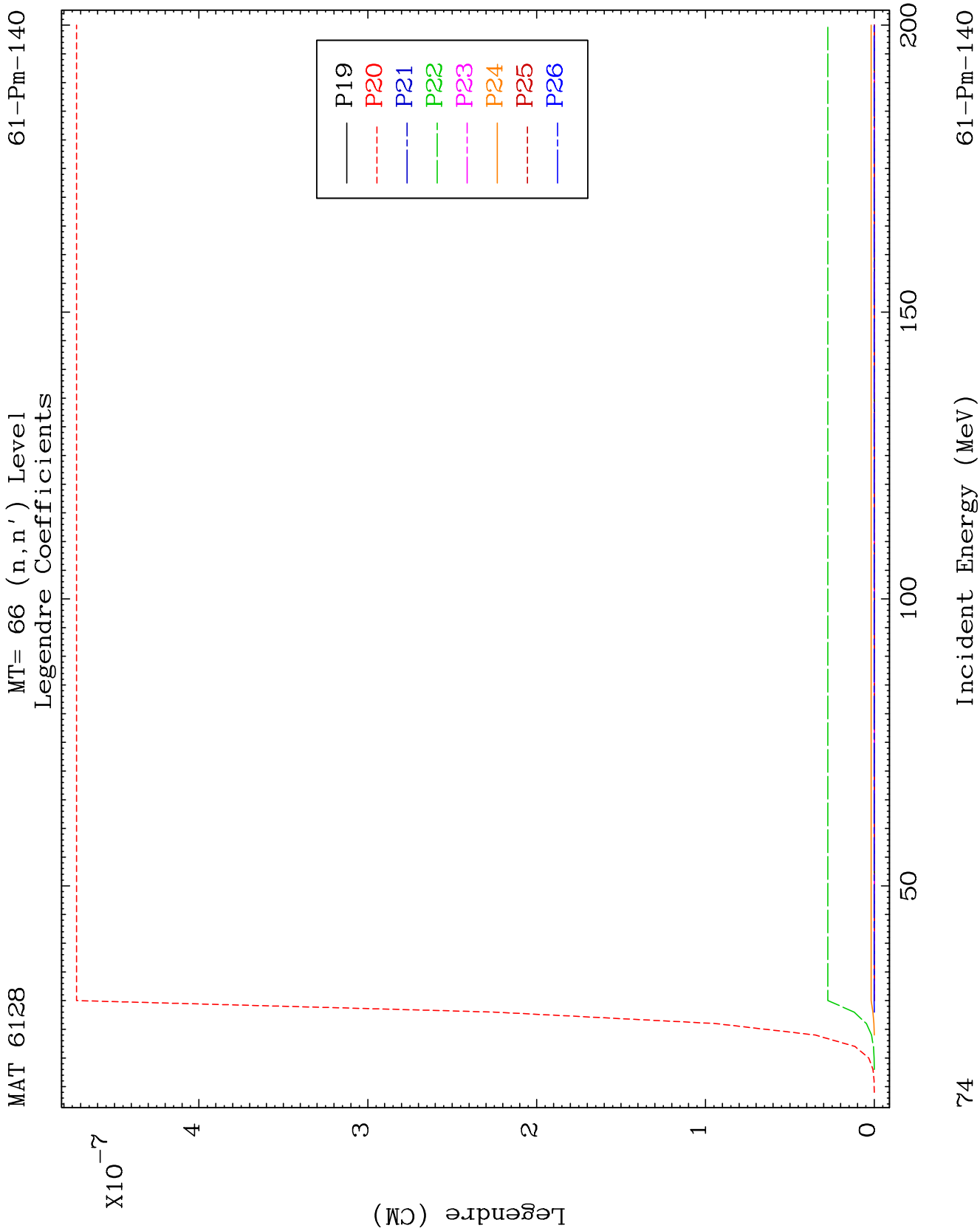


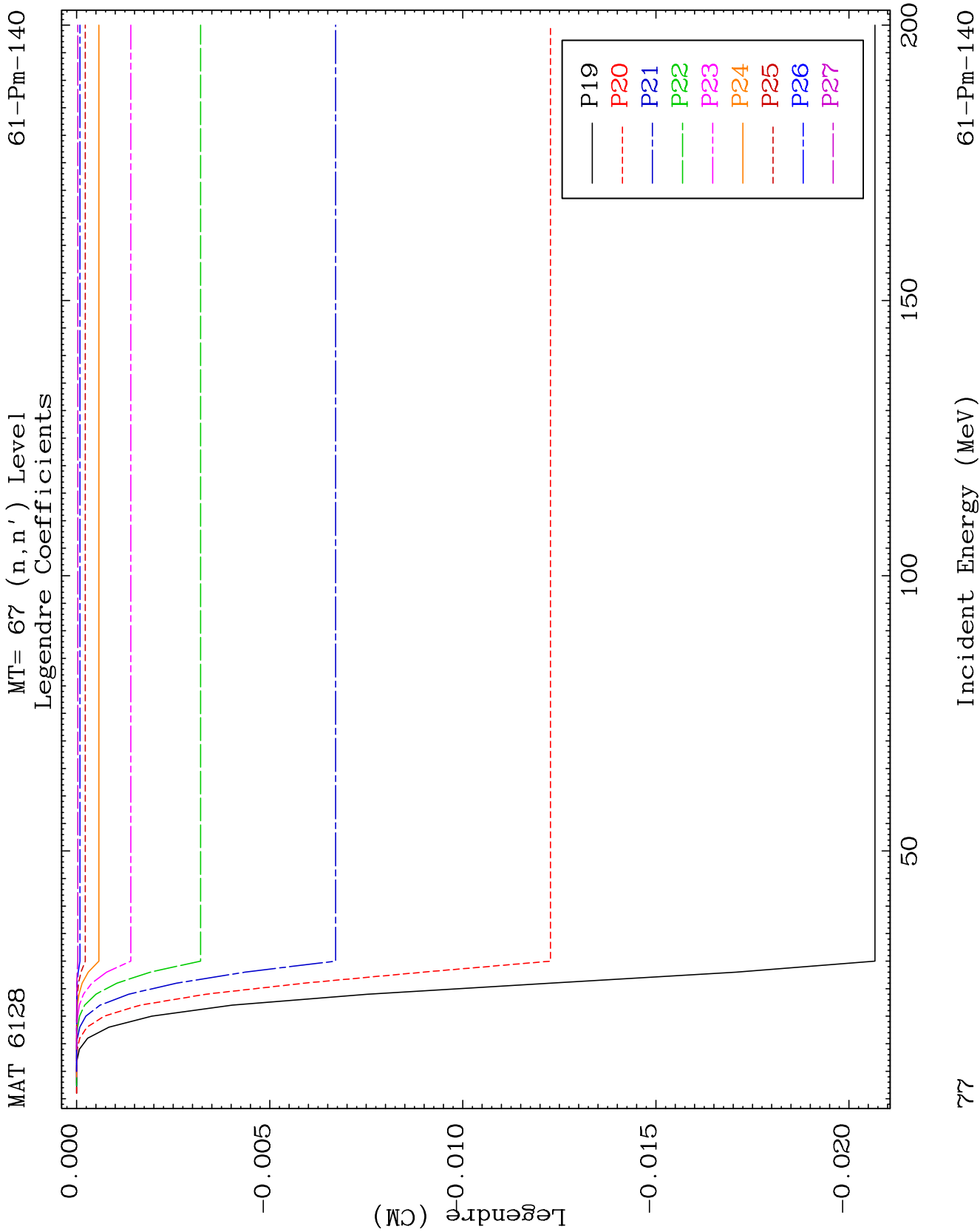


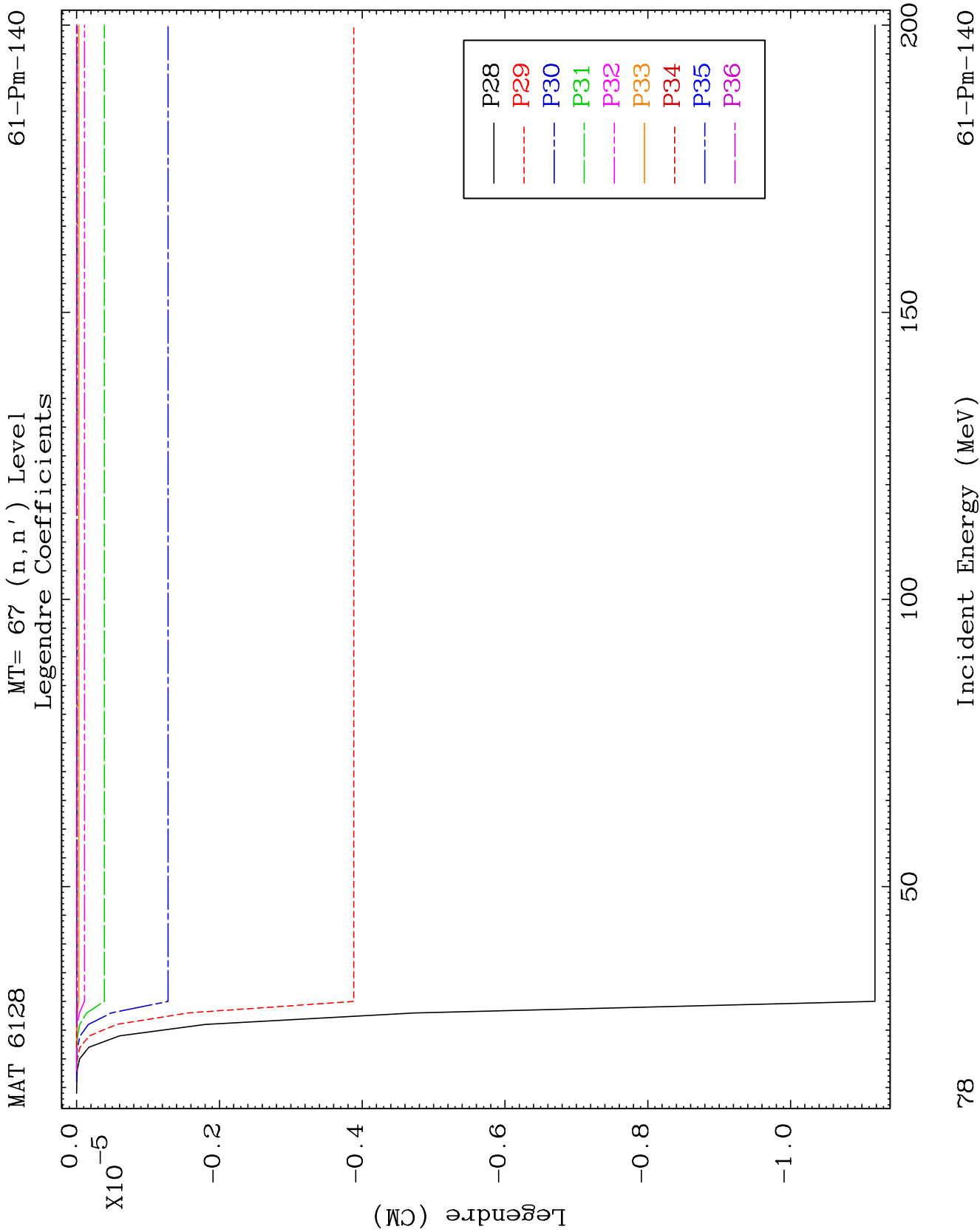


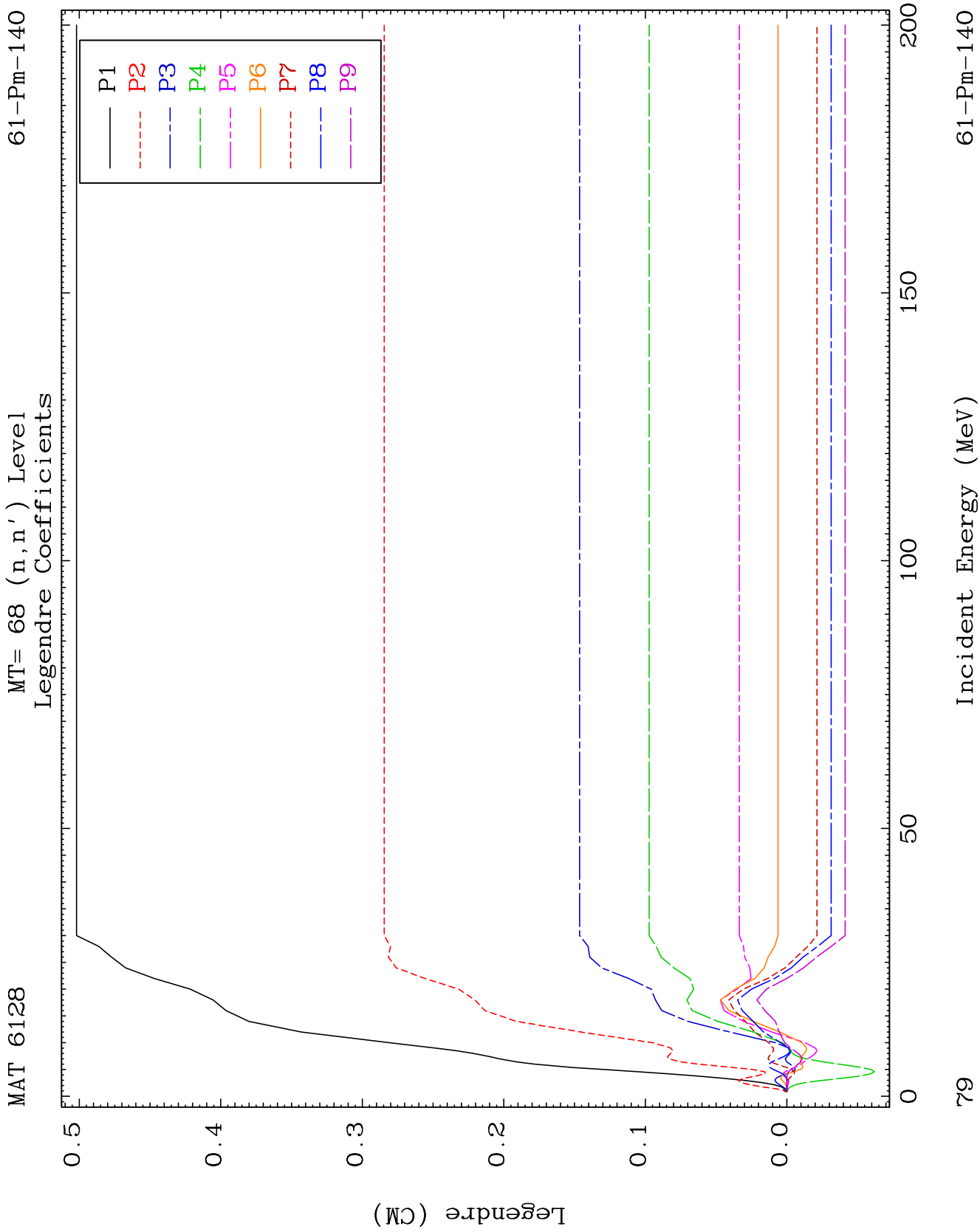








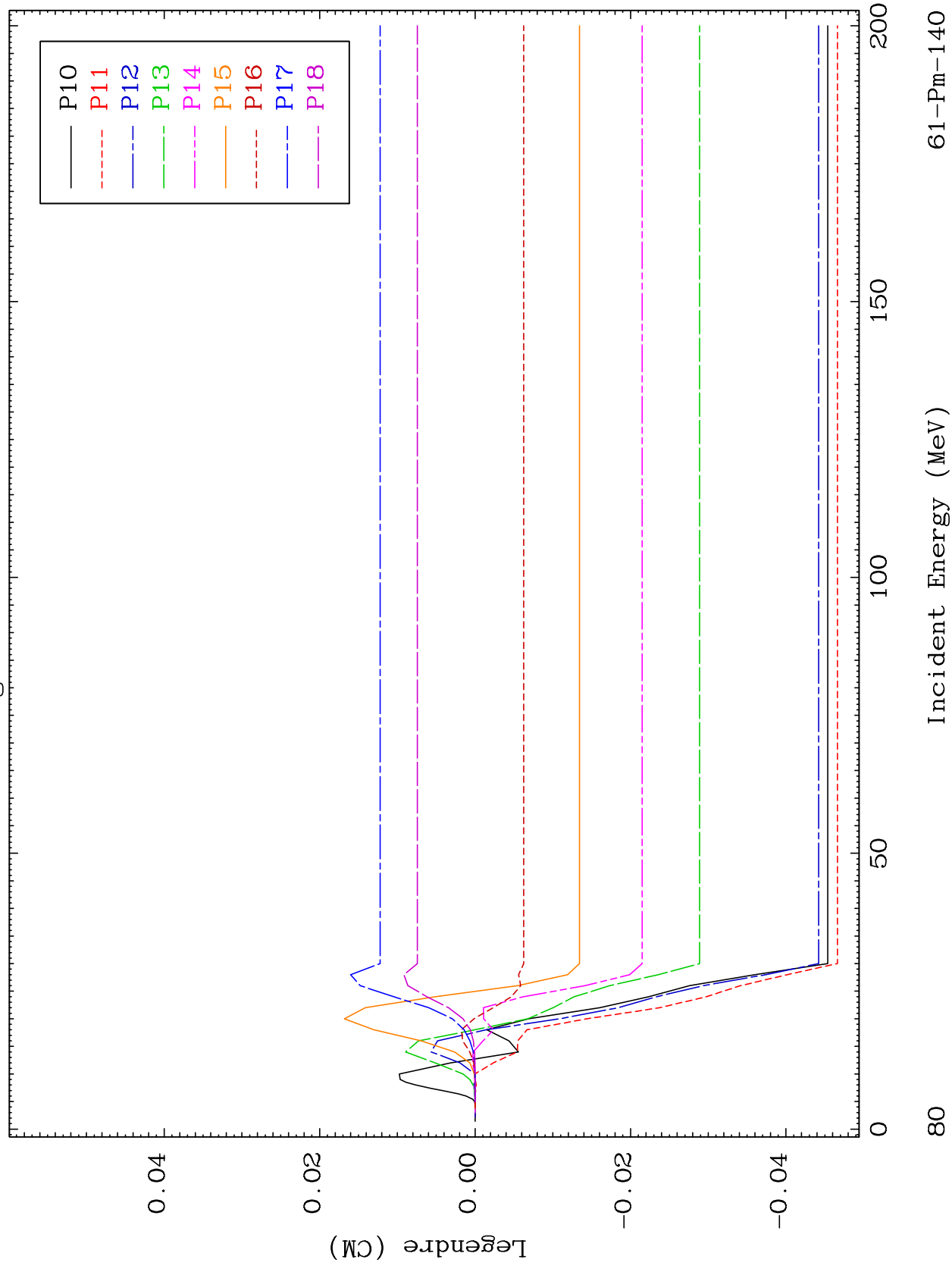




MAT 6128

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

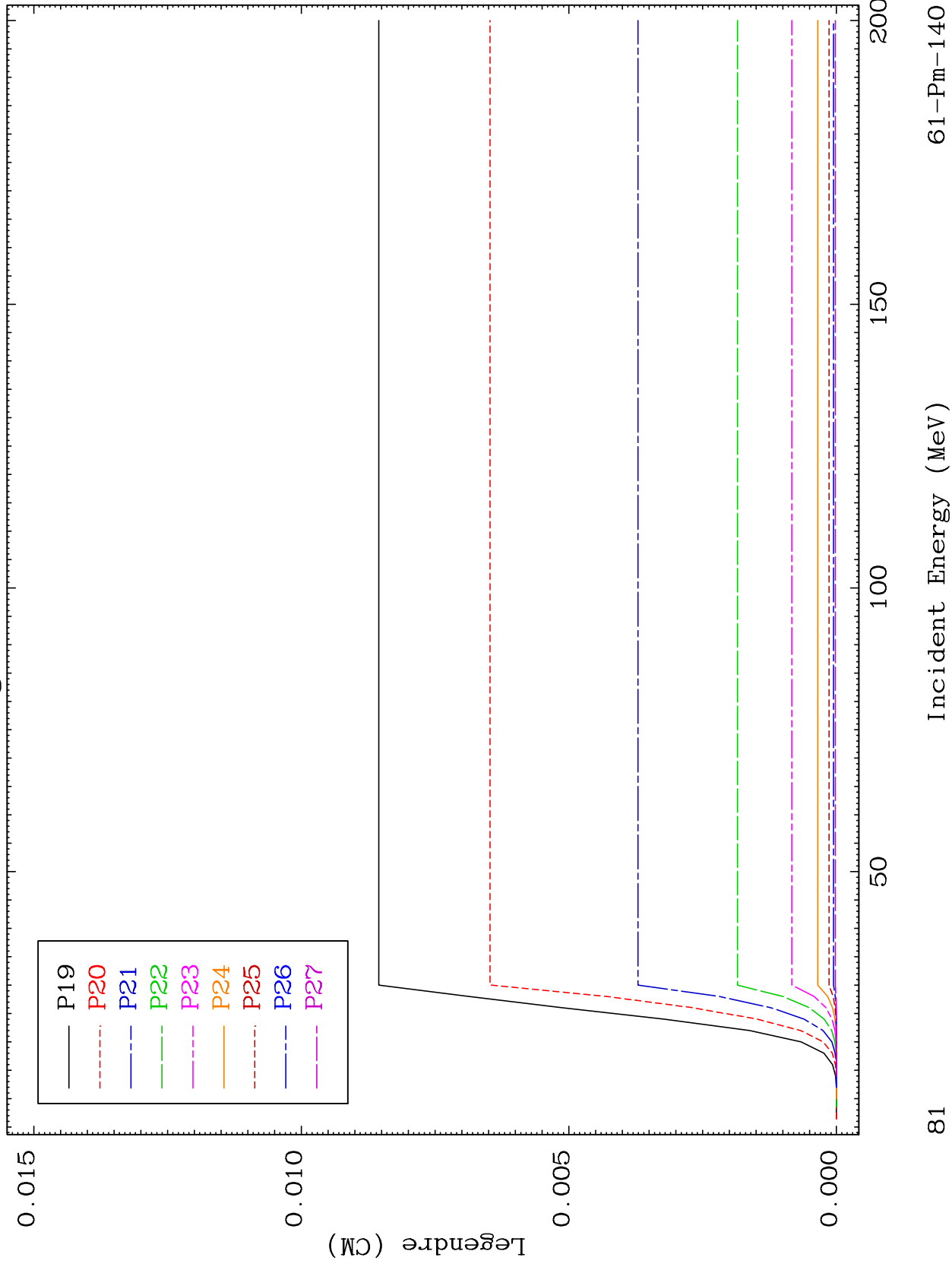
61-Pm-140

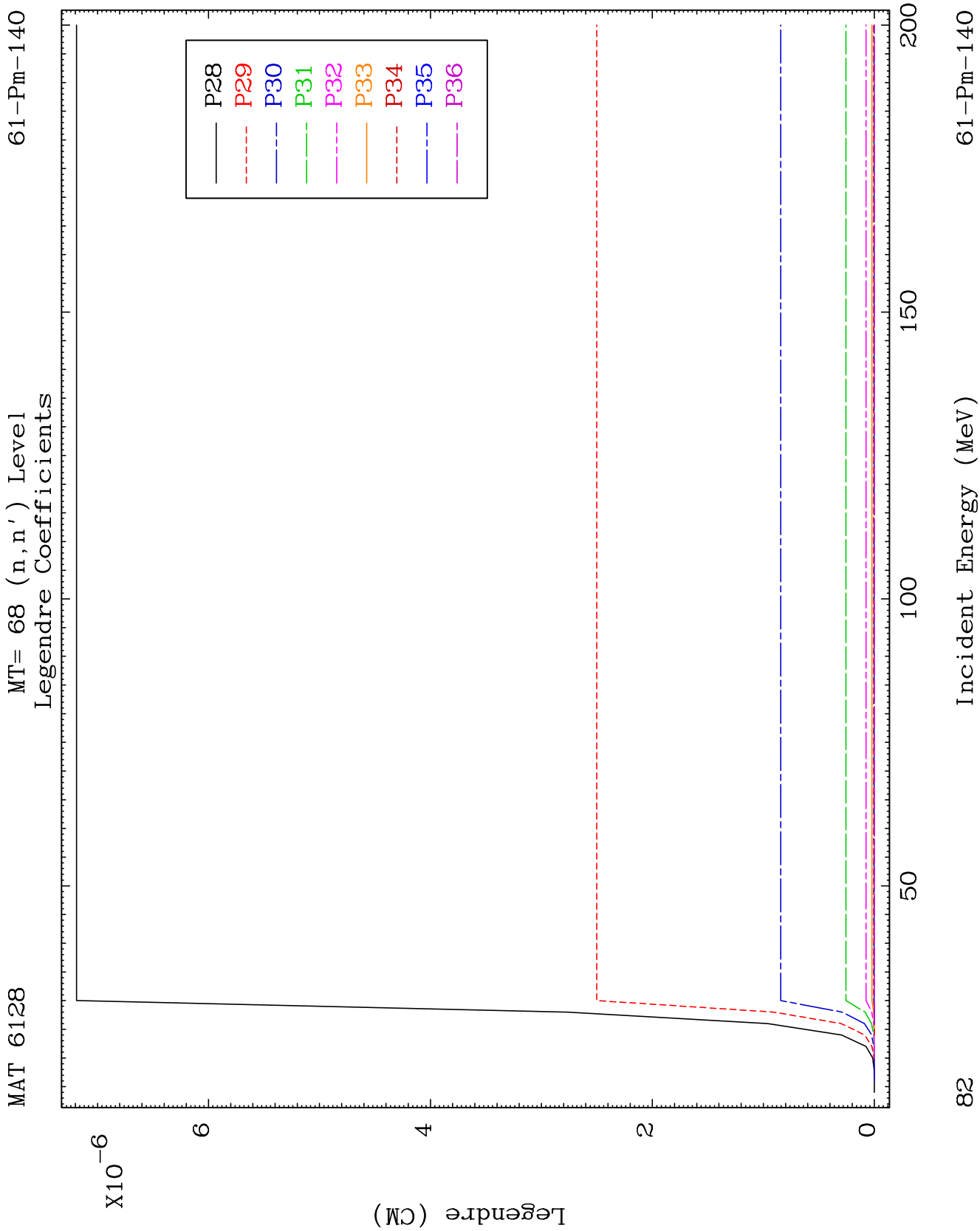


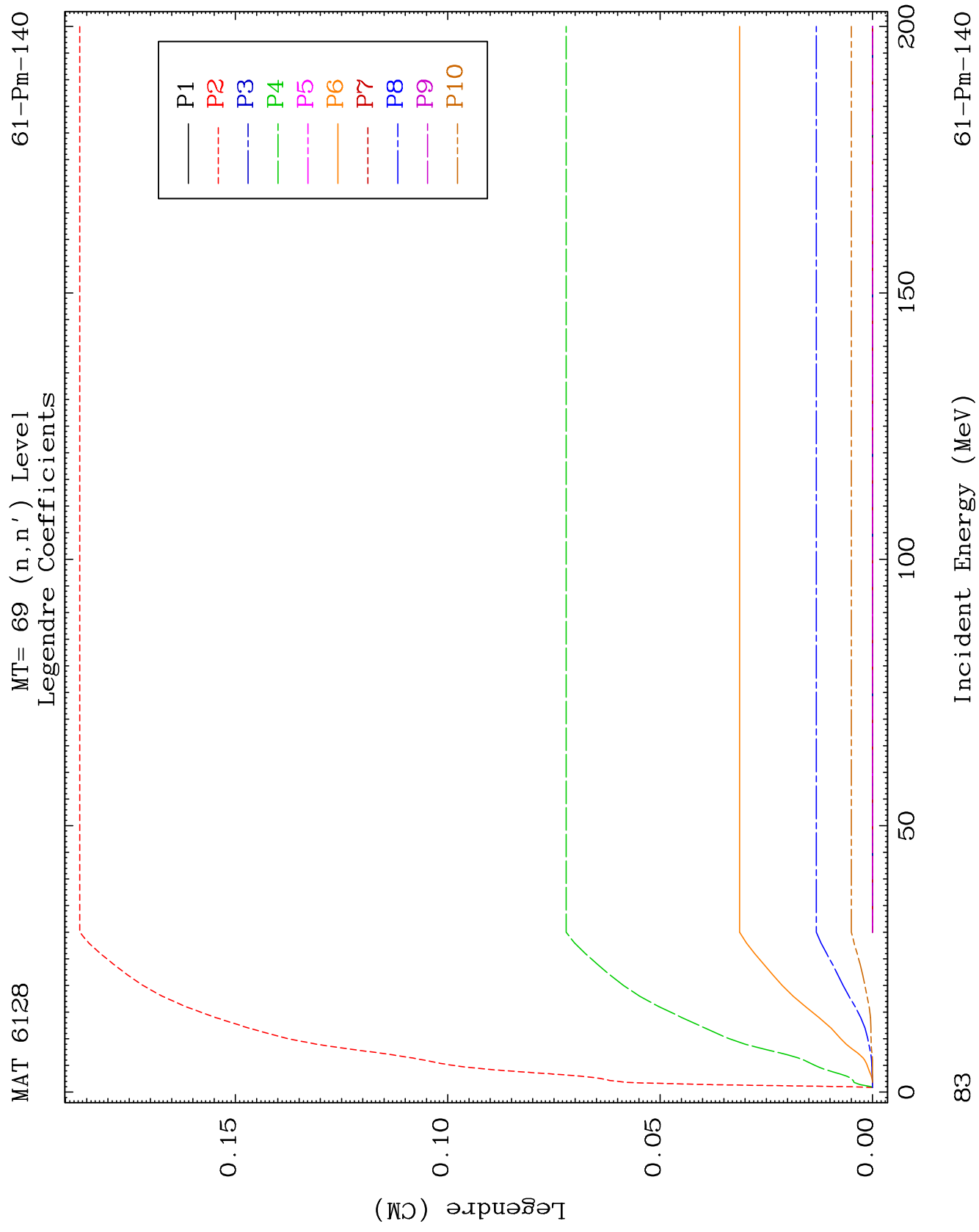
MAT 6128

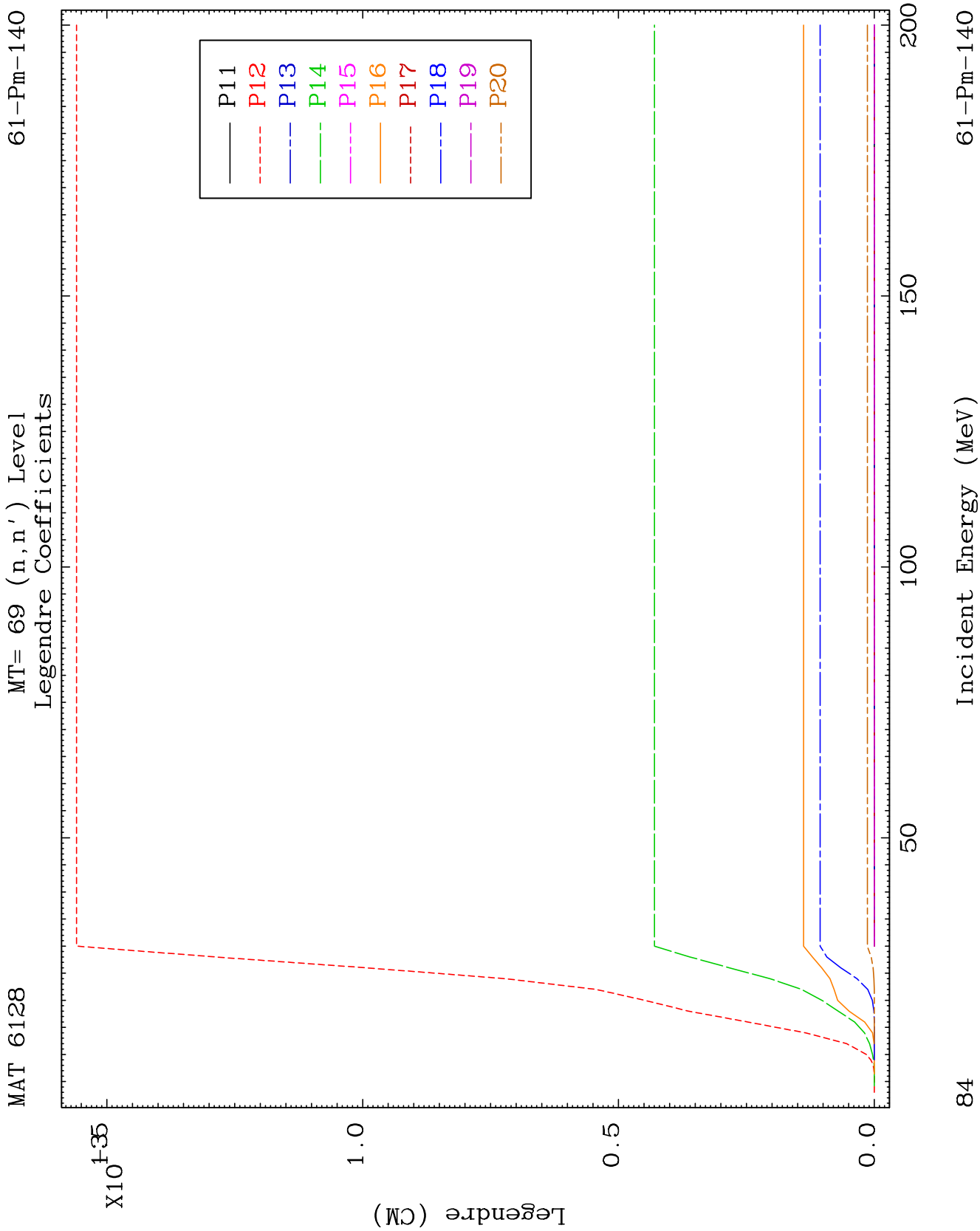
MT= 68 (n, n') Level
Legendre Coefficients

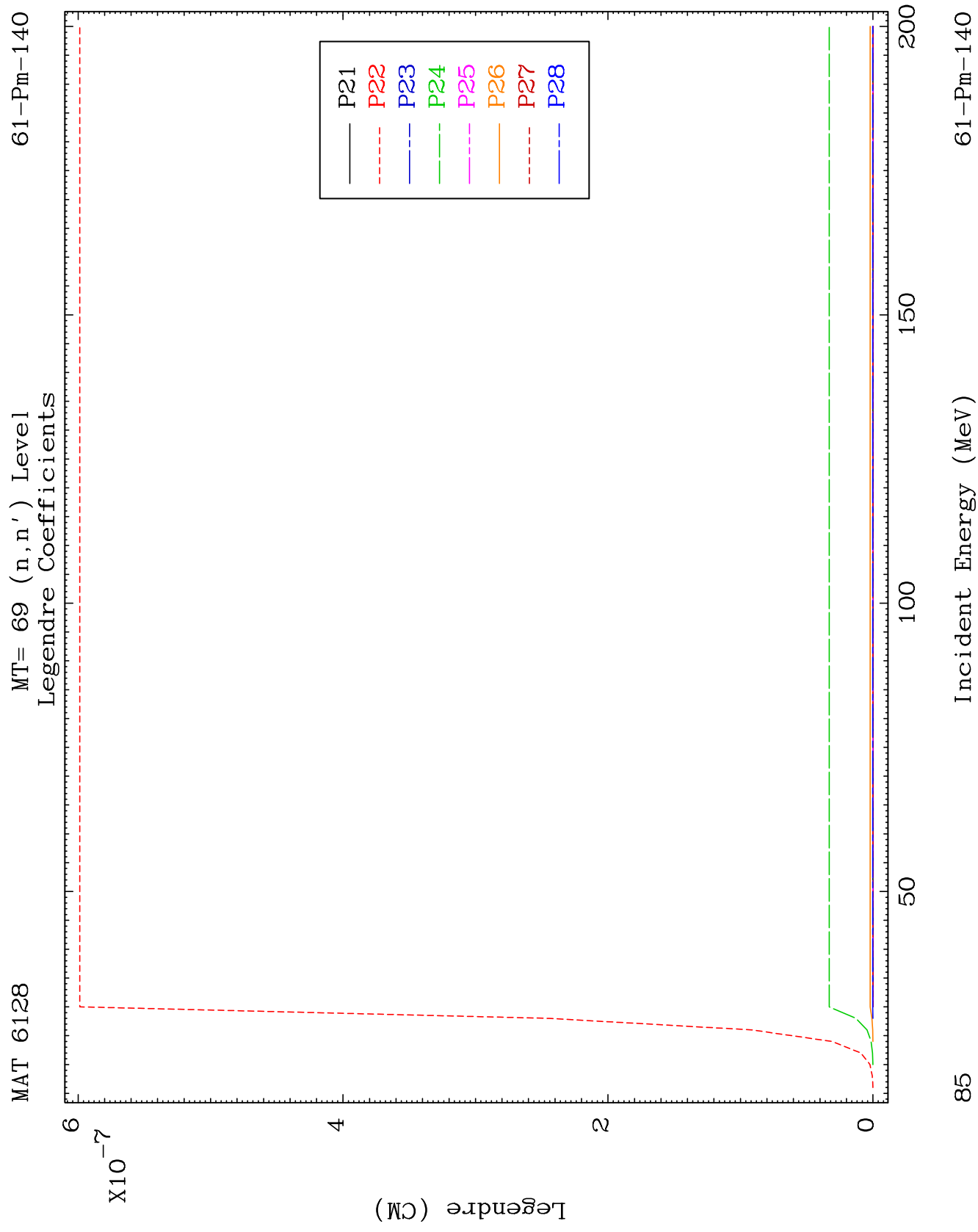
61-Pm-140

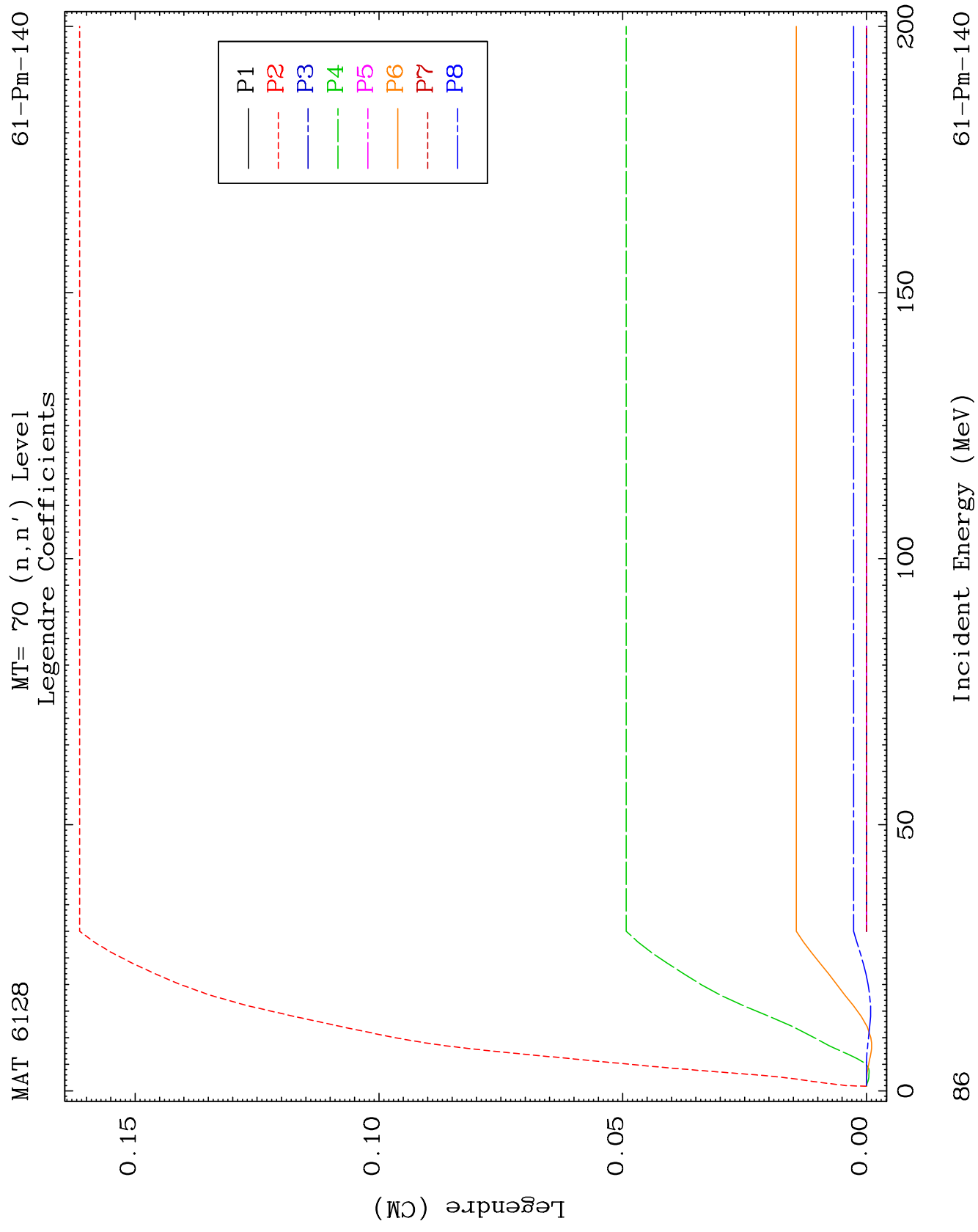


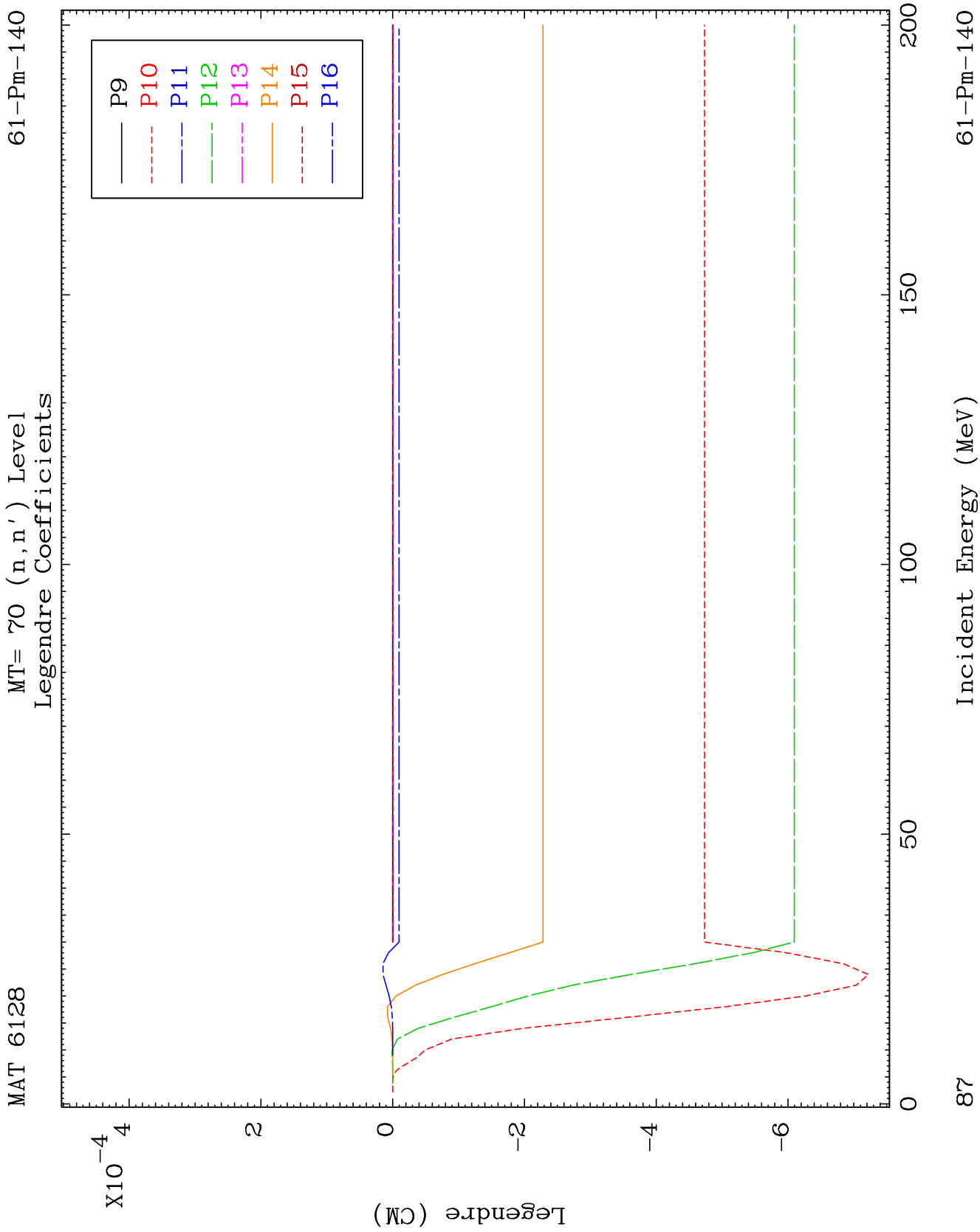


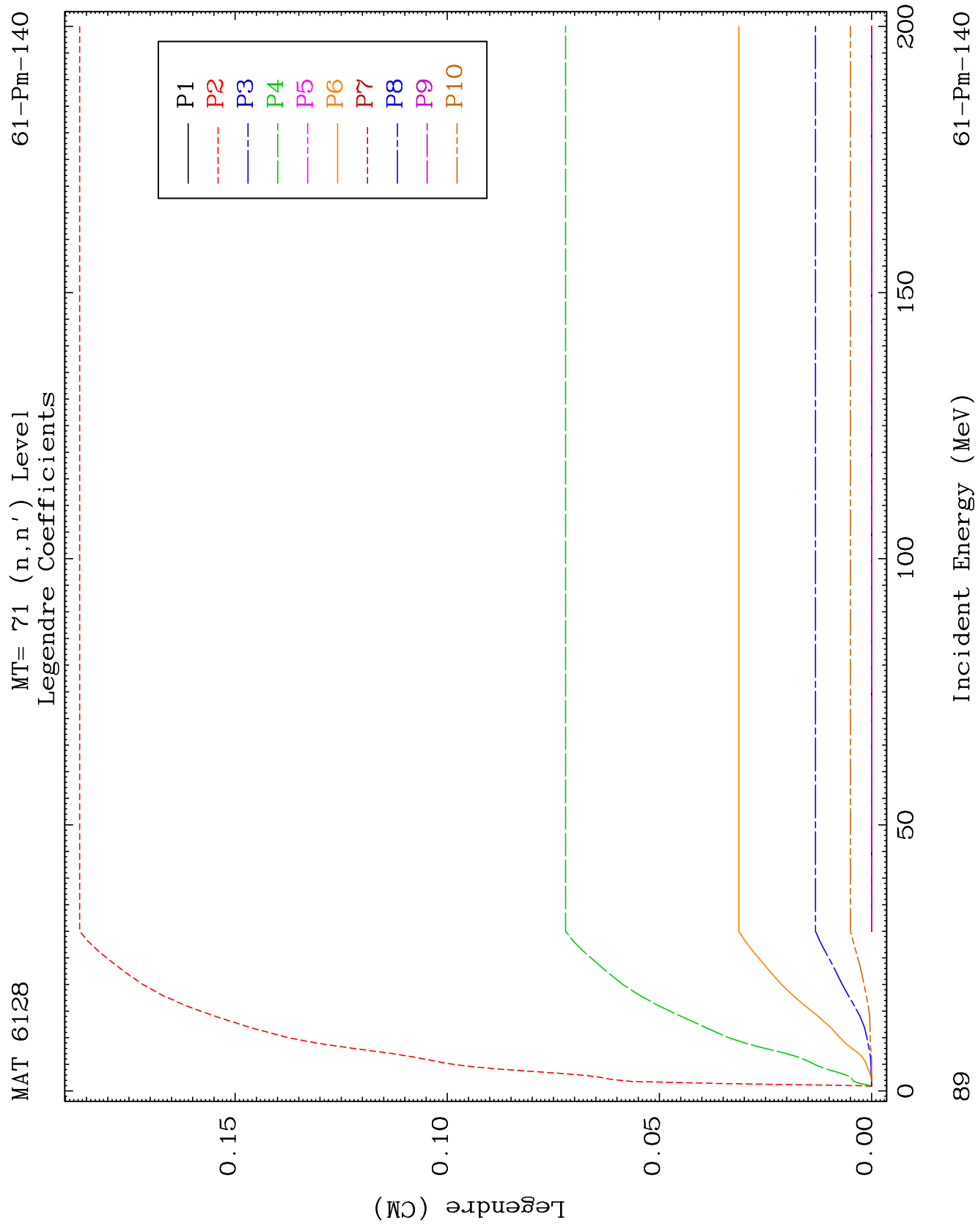








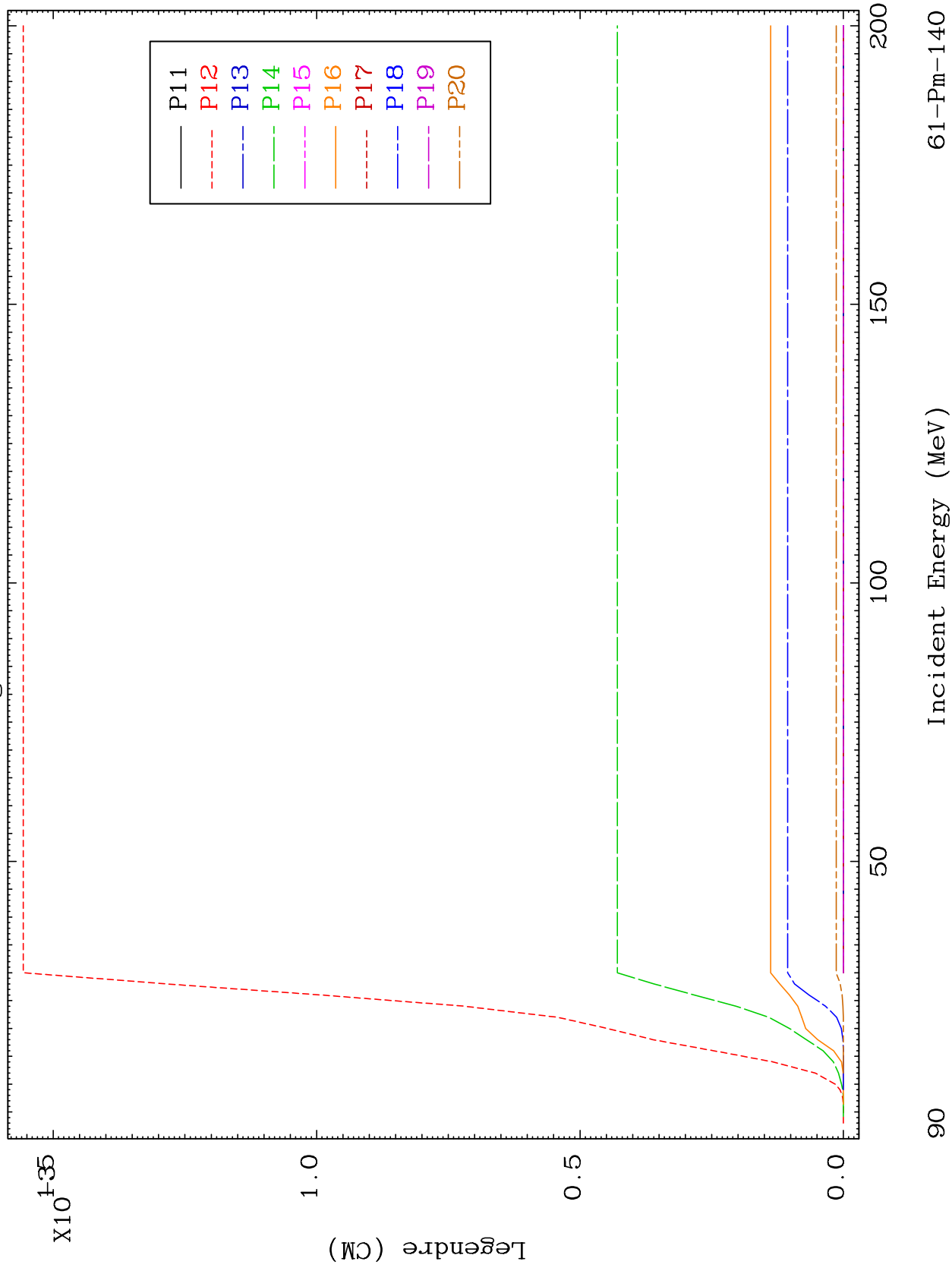


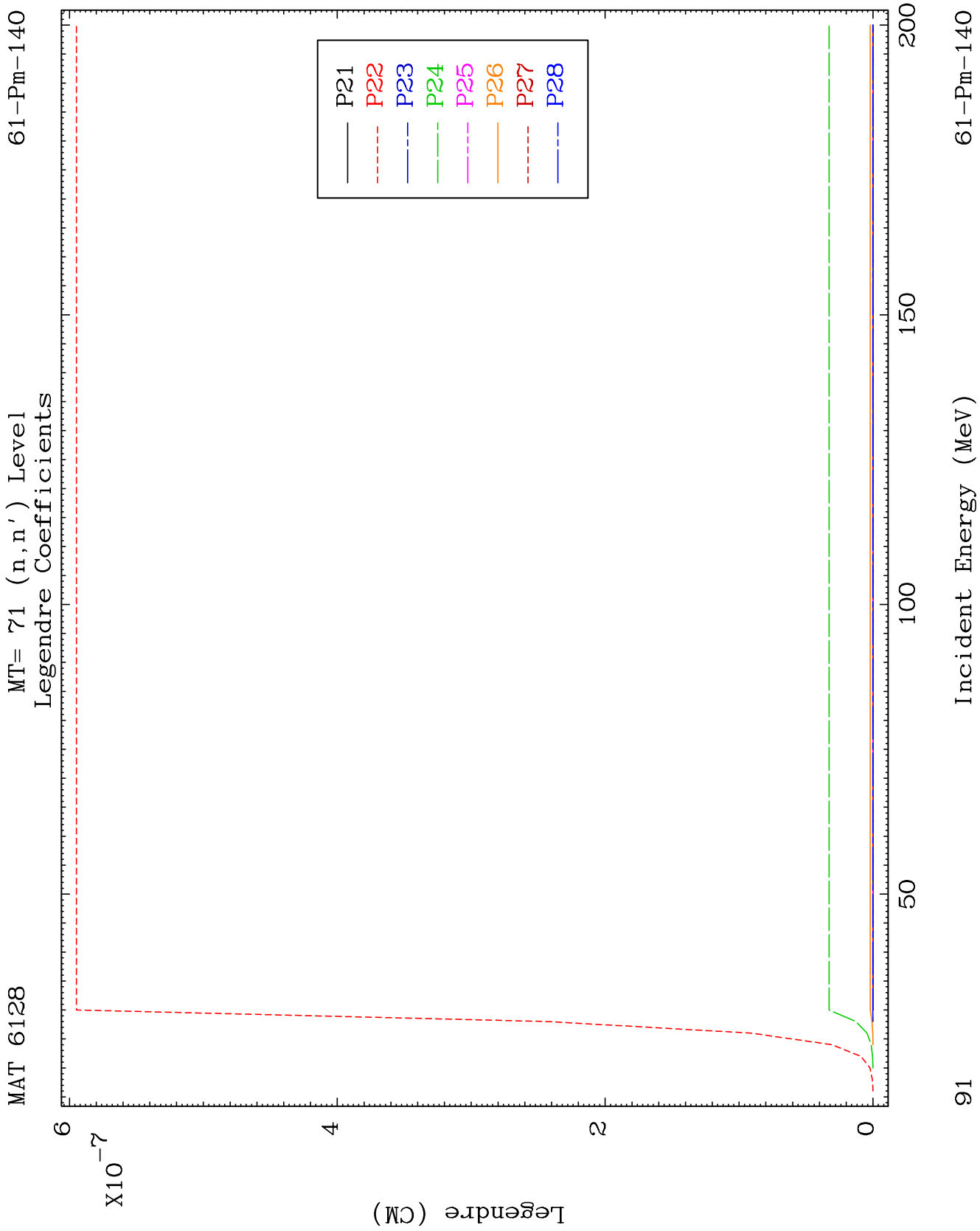


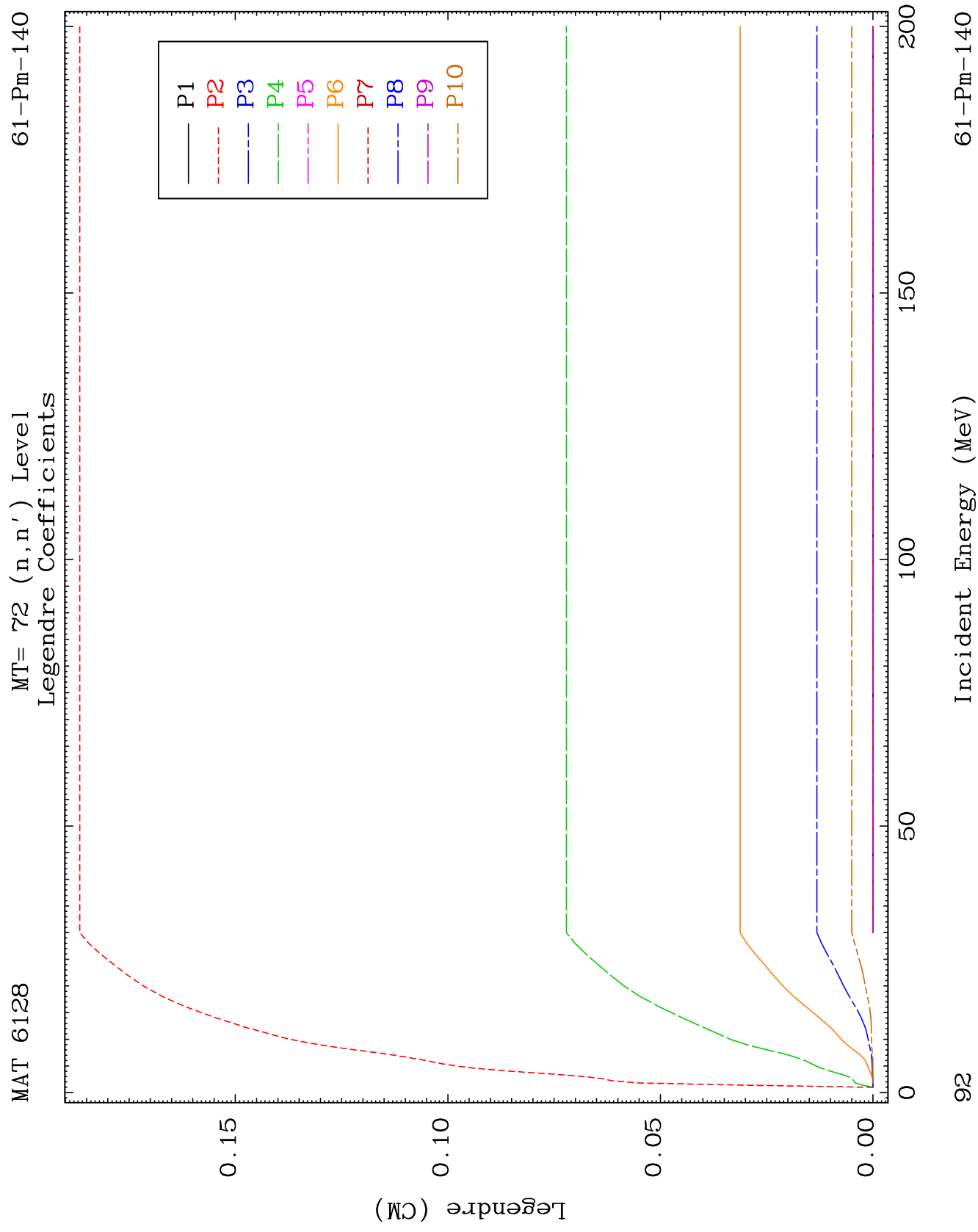
MAT 6128

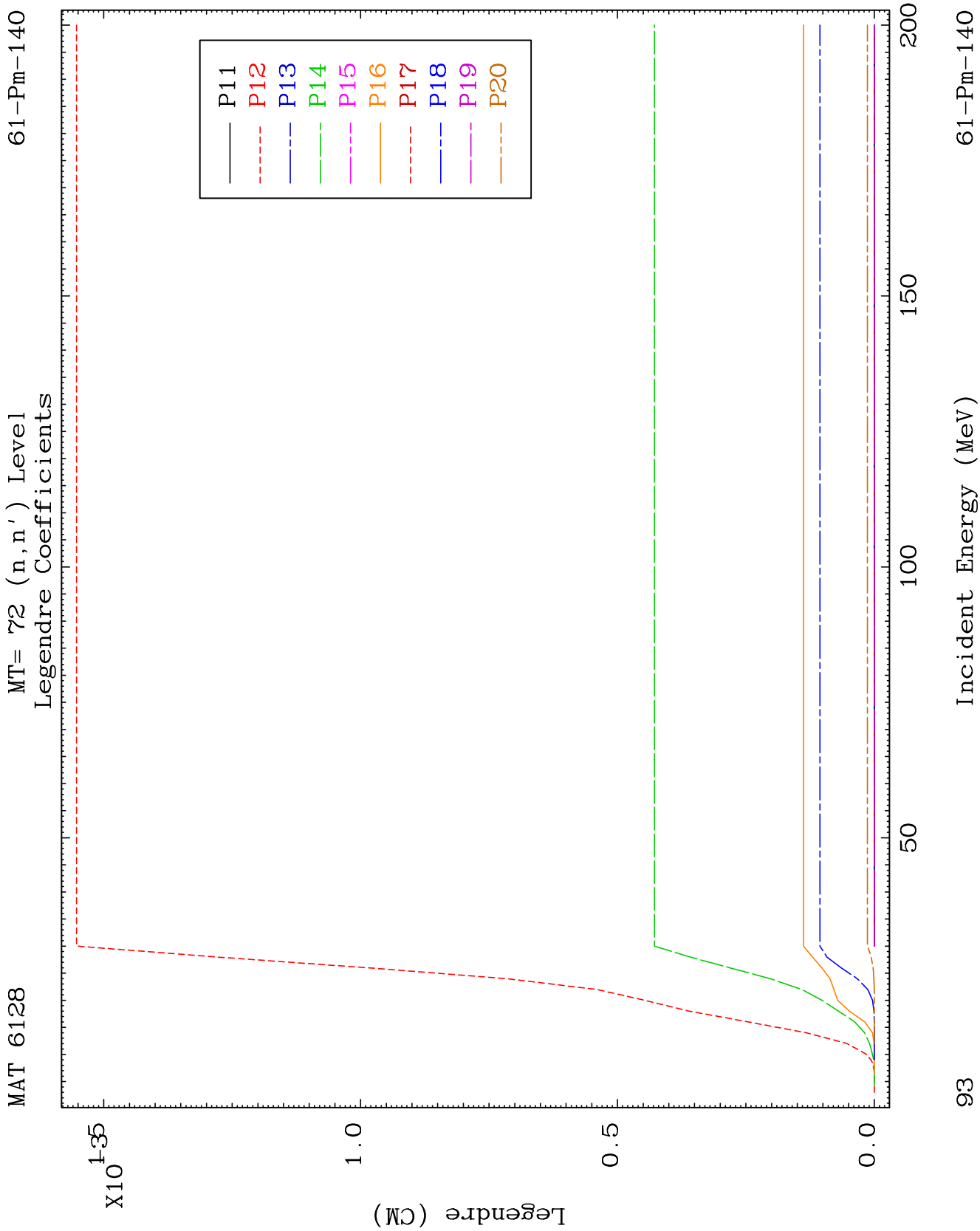
MT= 71 (n, n') Level
Legendre Coefficients

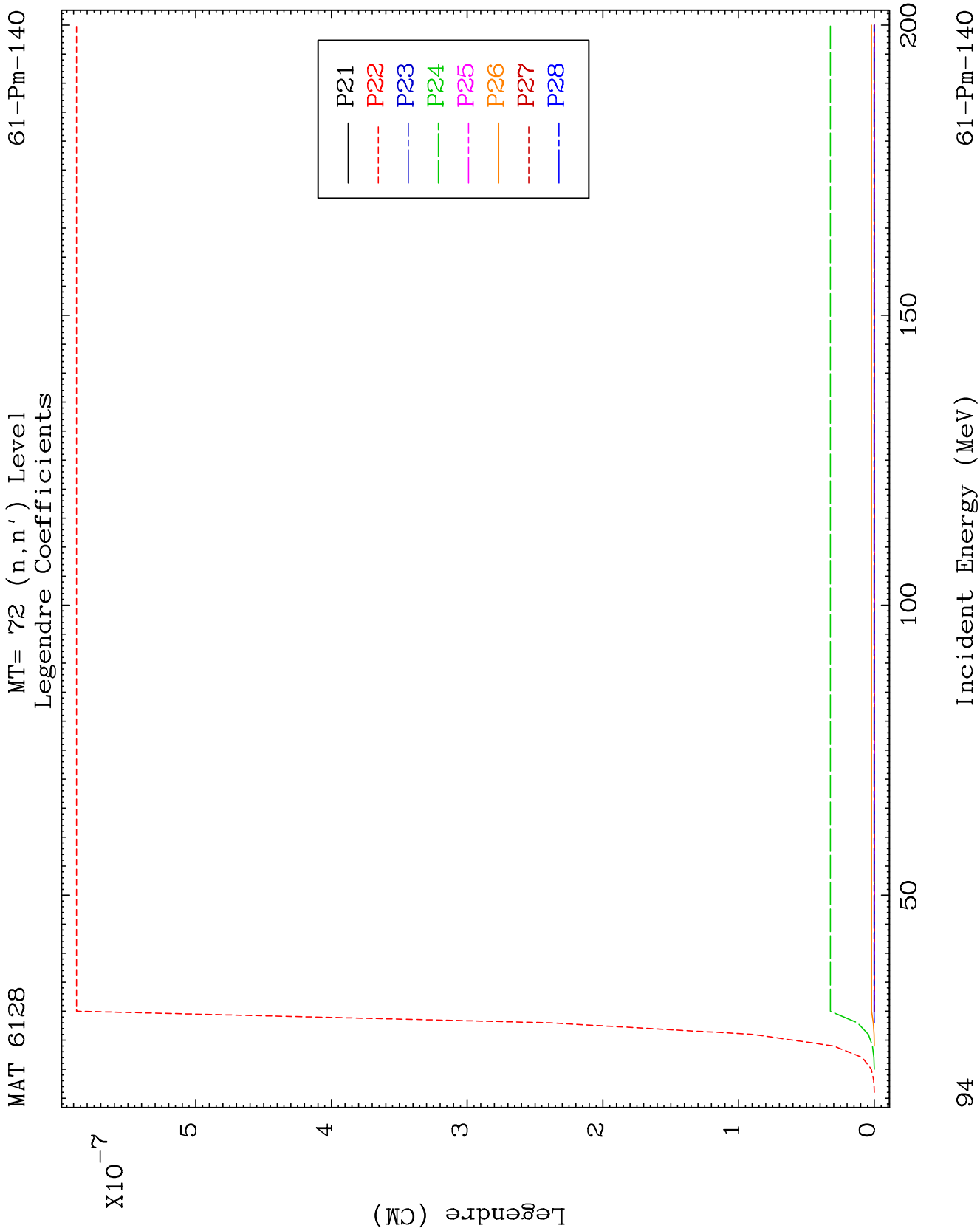
61-Pm-140

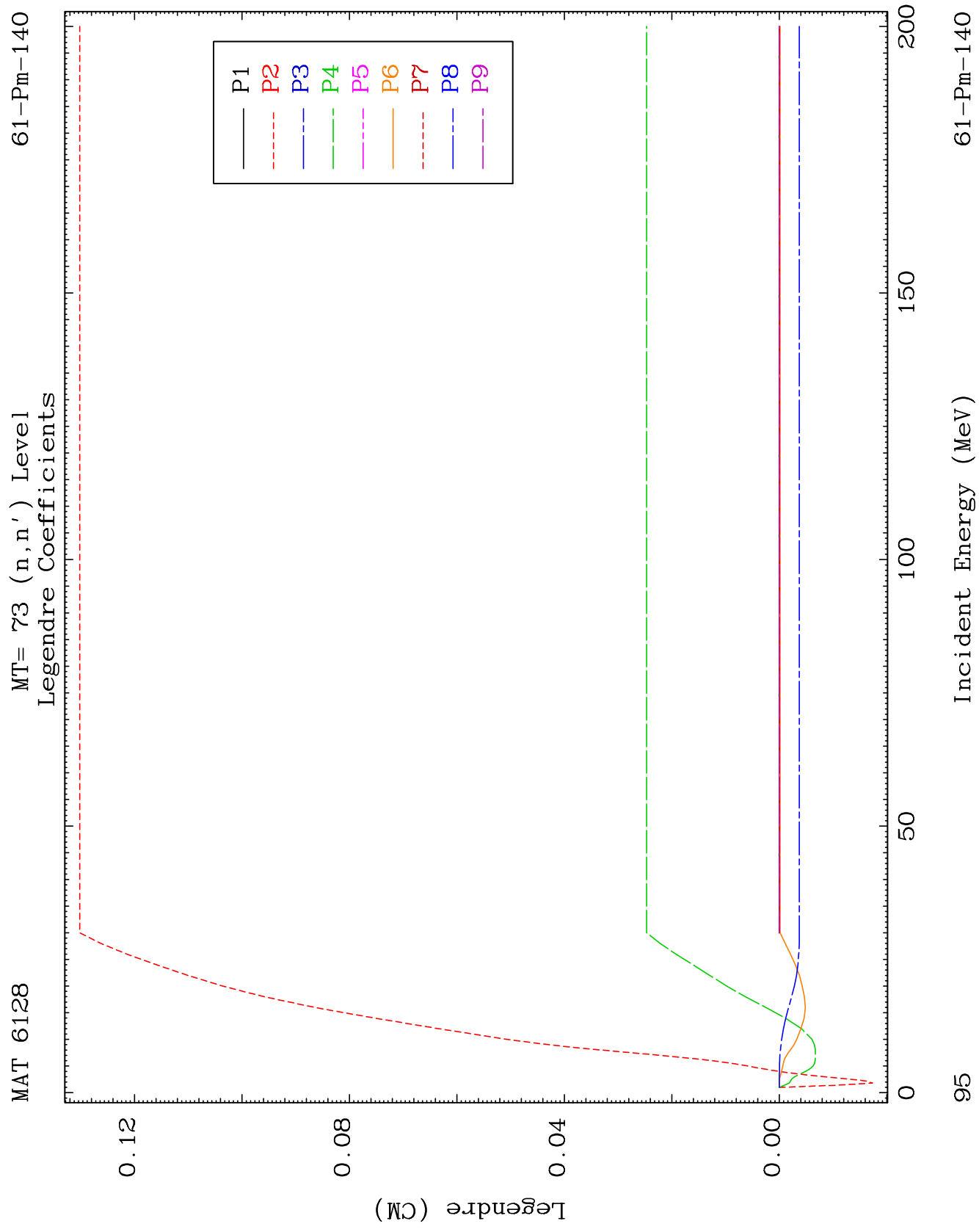


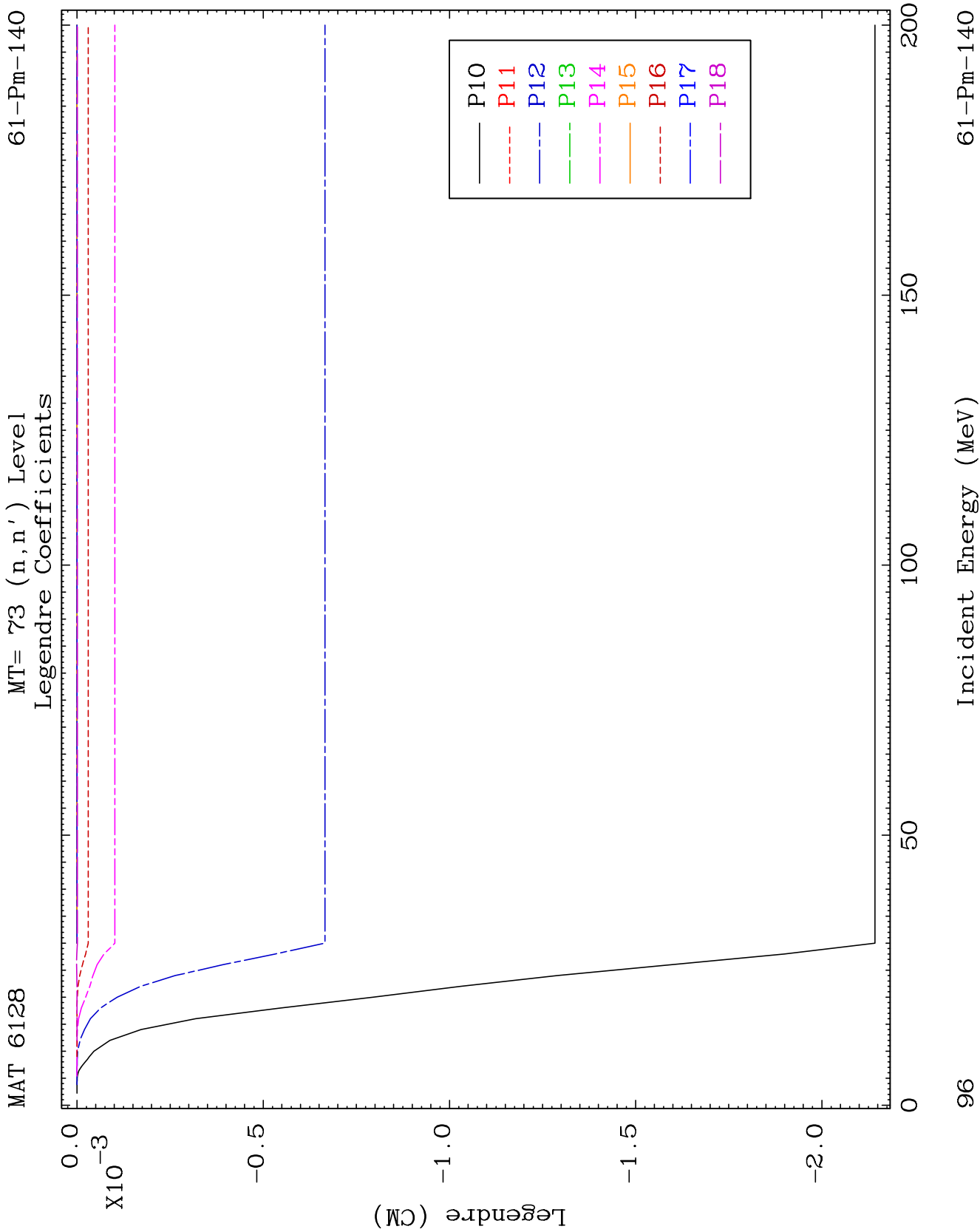


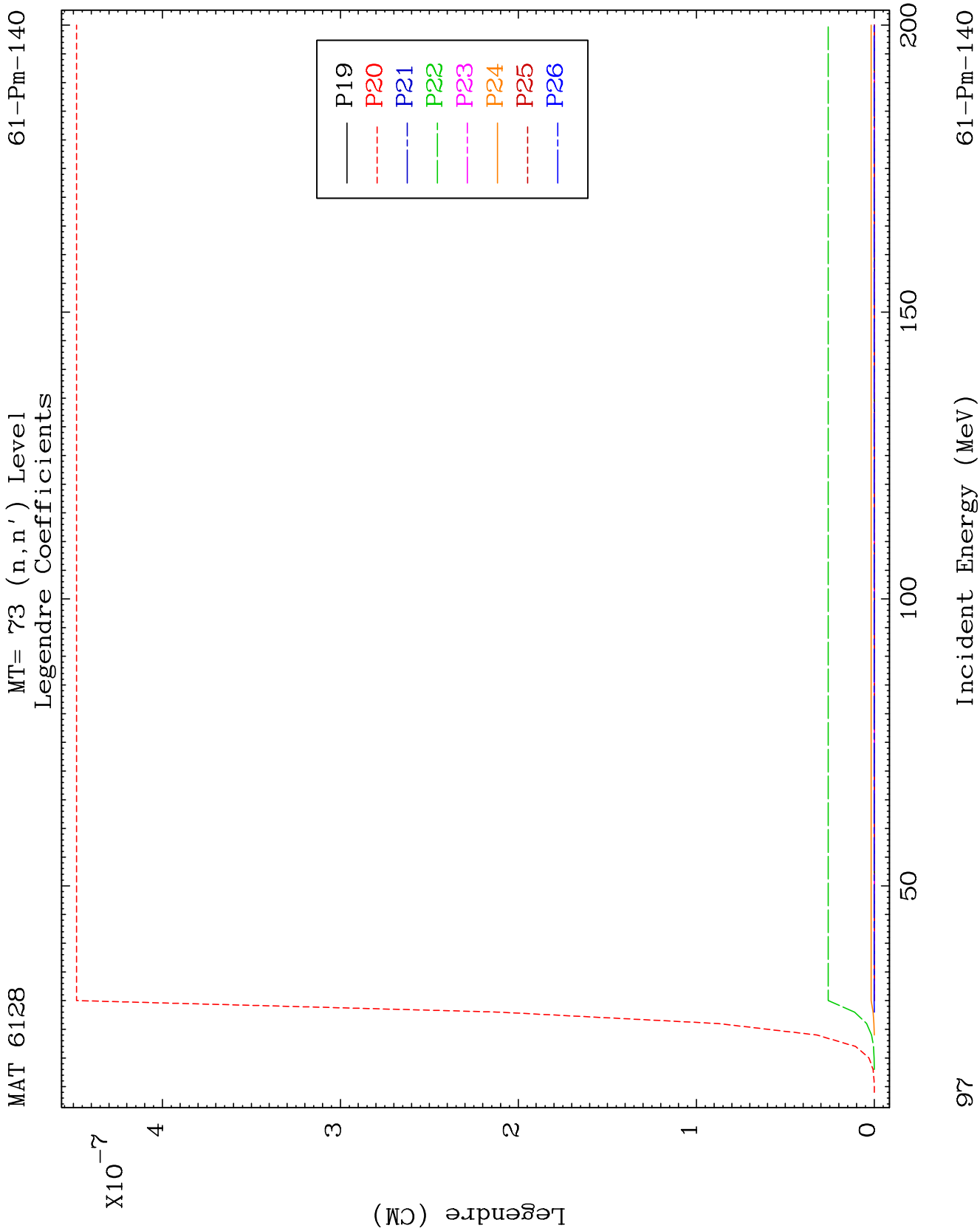








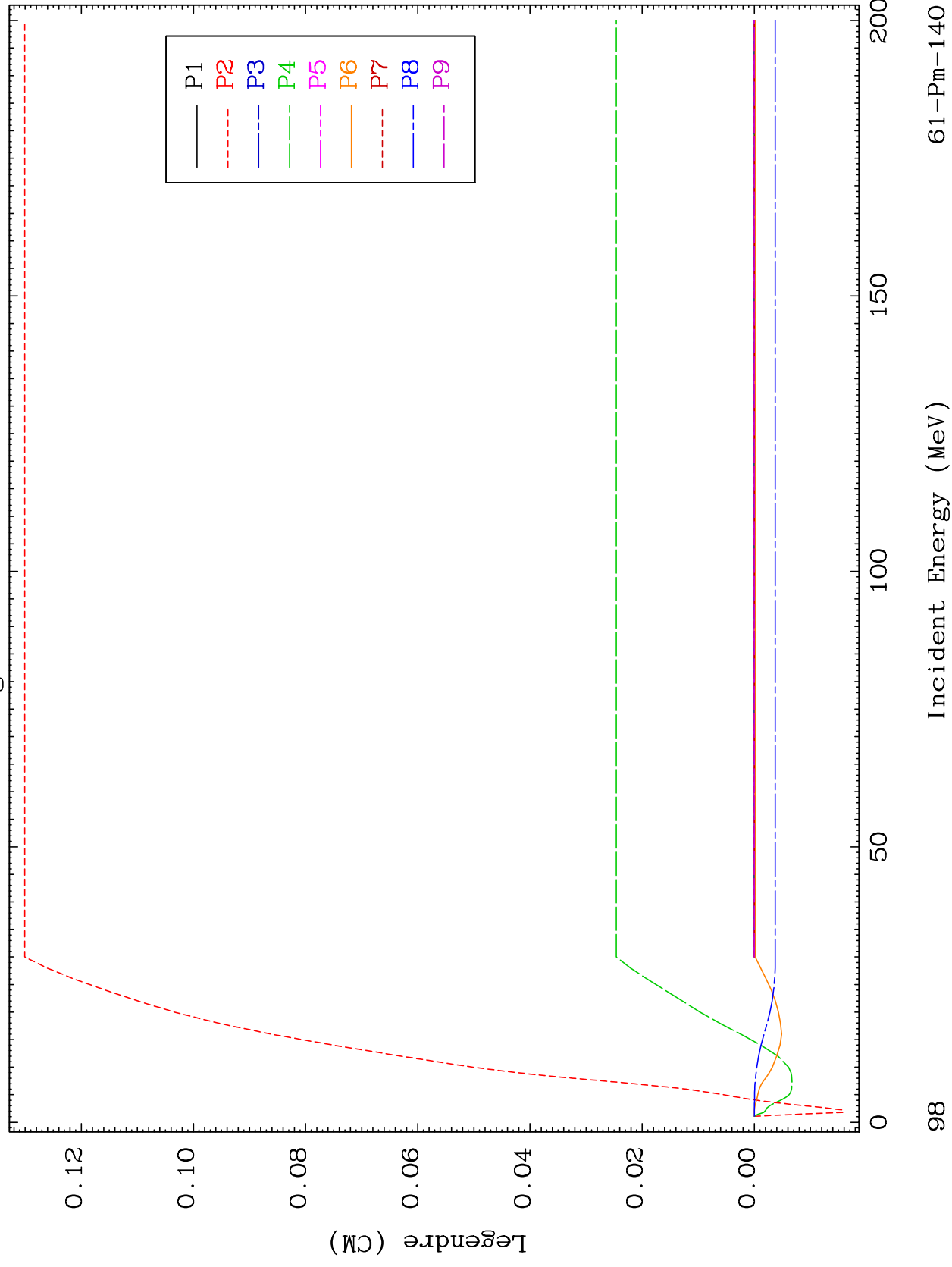


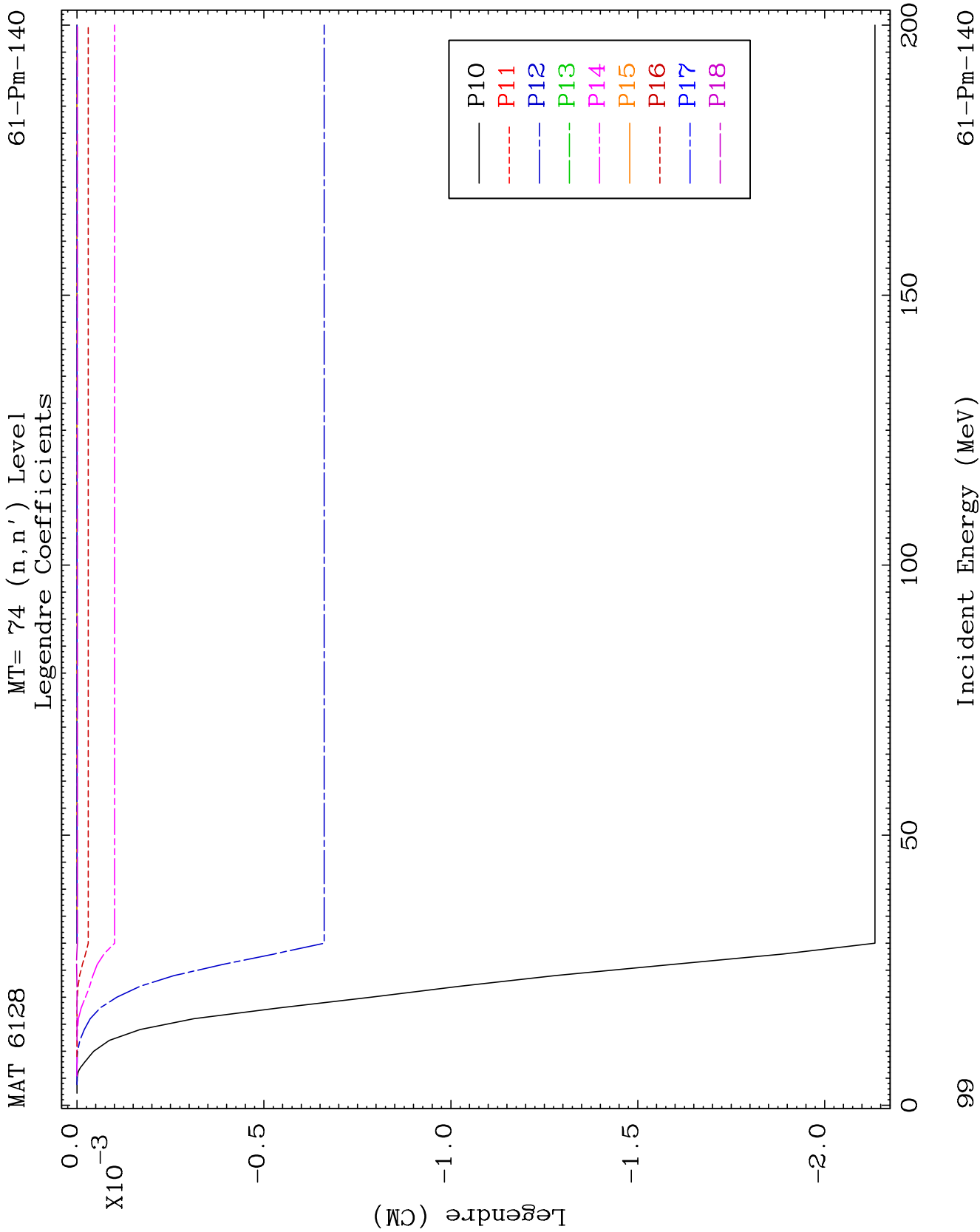


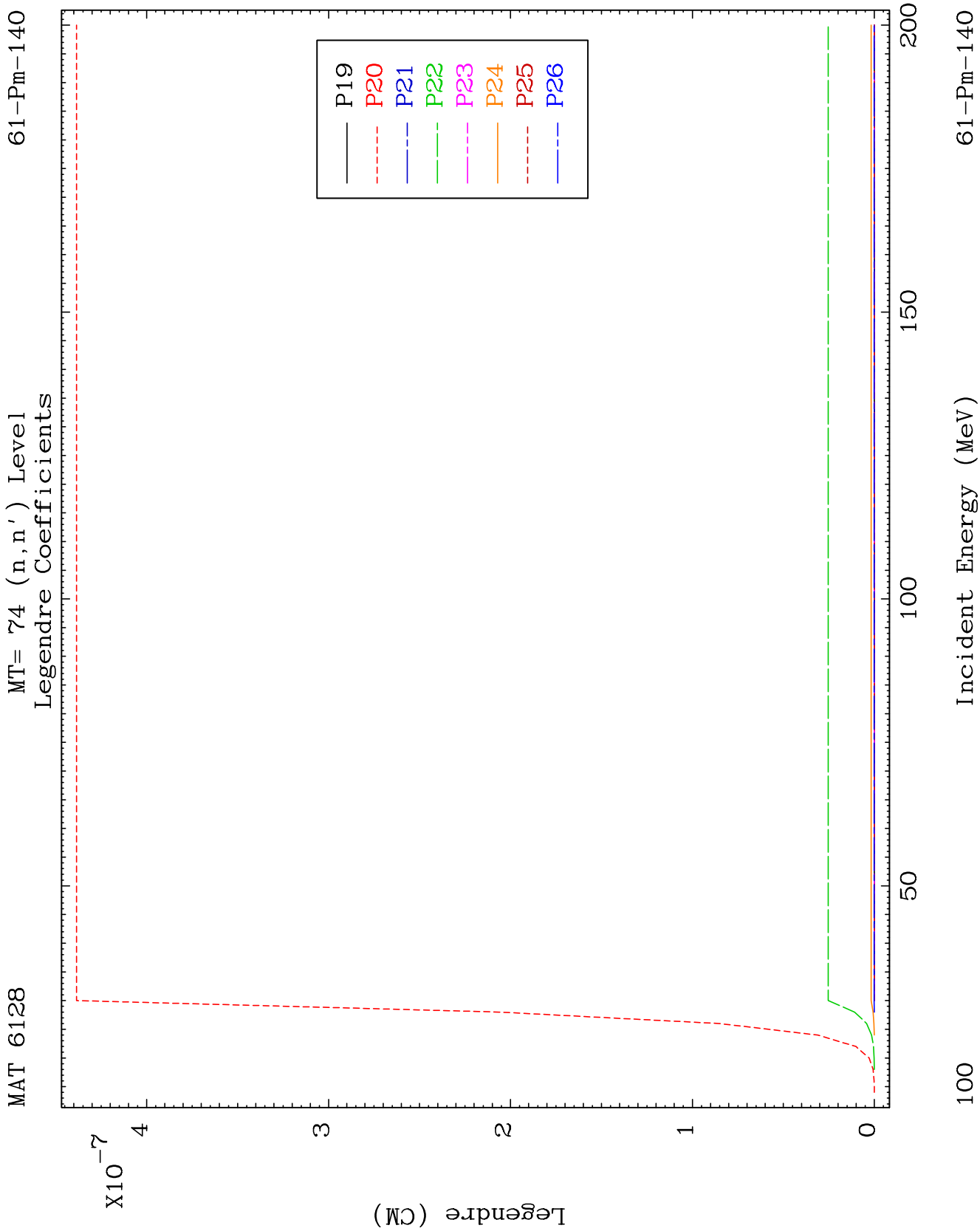
MAT 6128

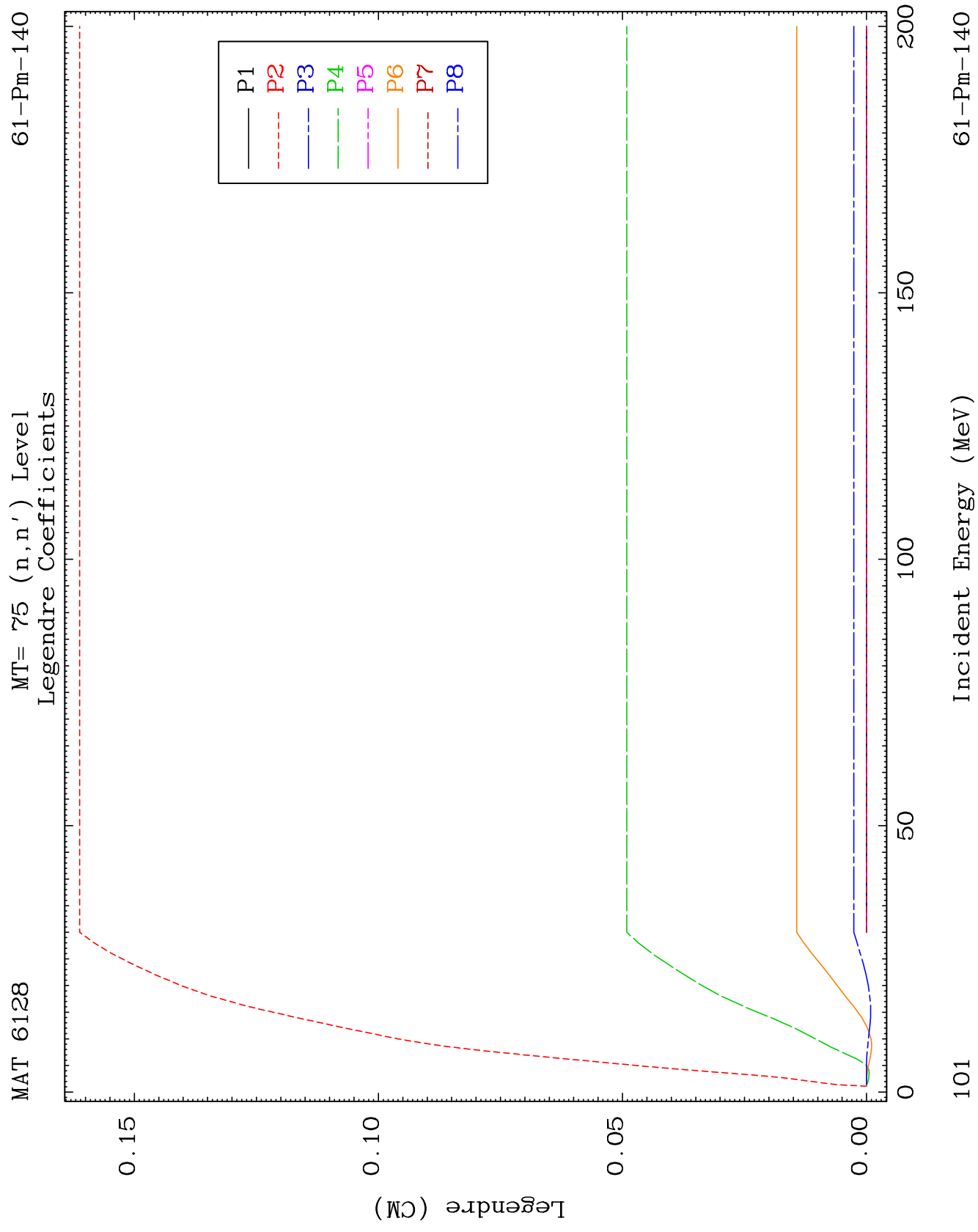
MT= 74 (n, n') Level
Legendre Coefficients

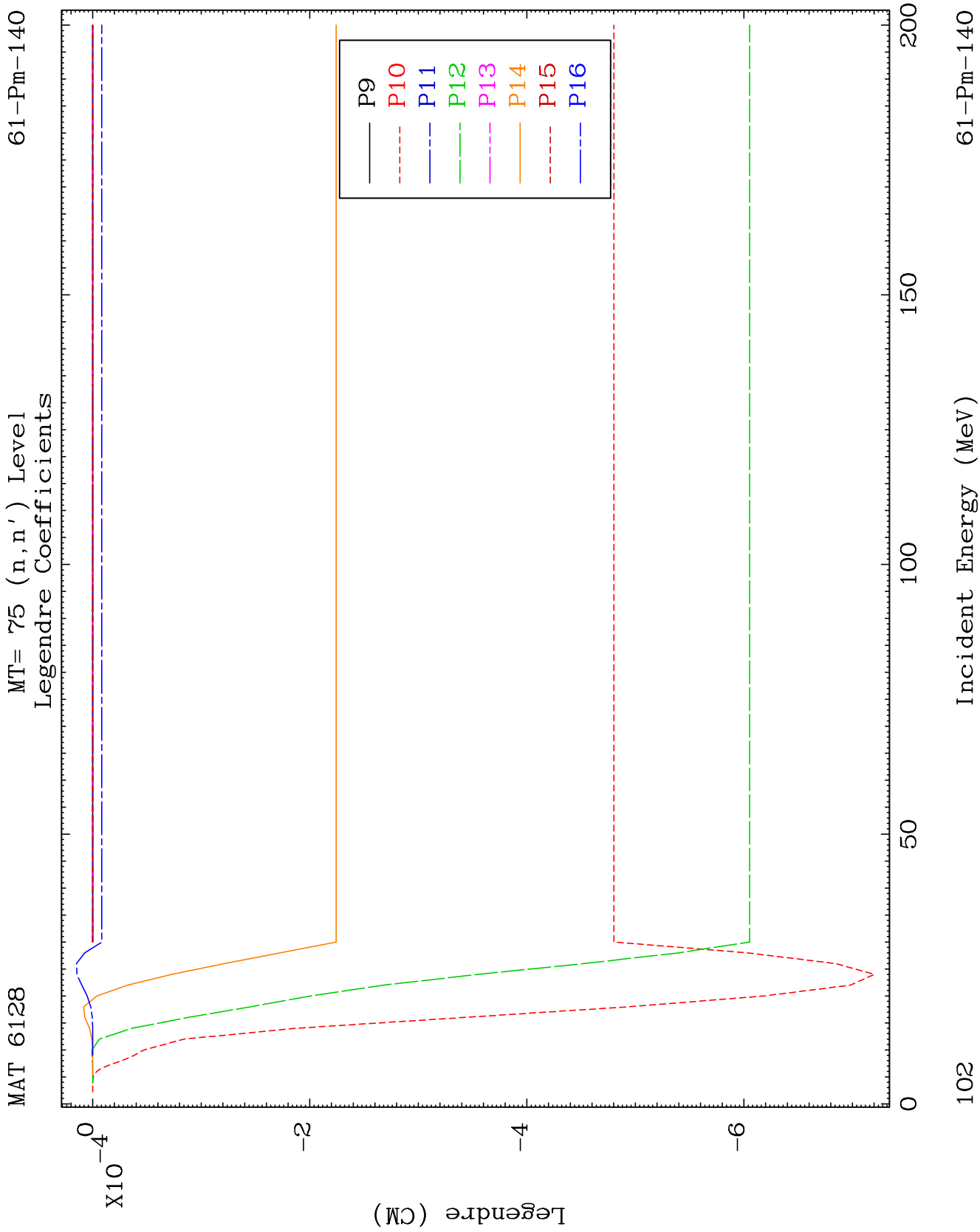
61-Pm-140

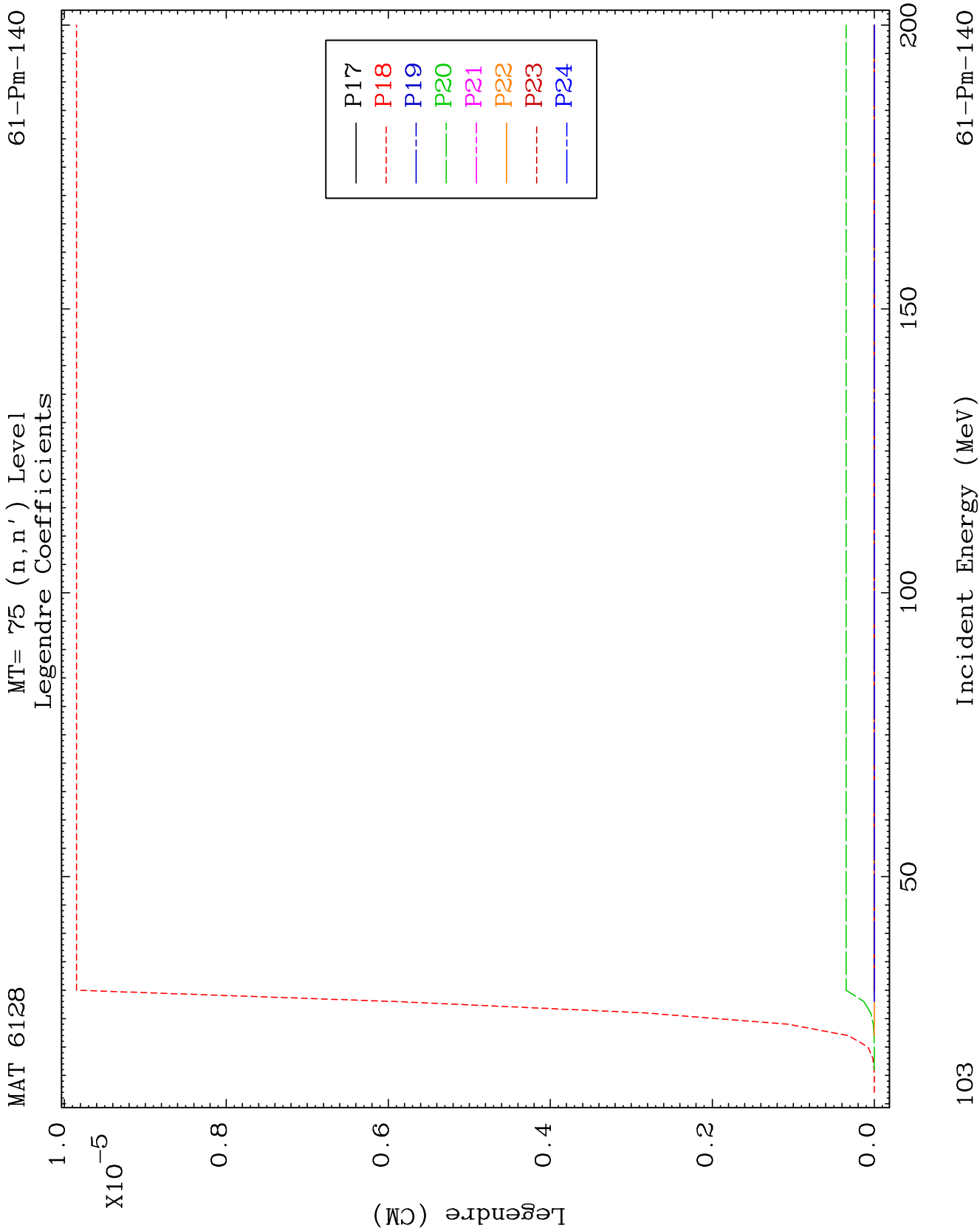


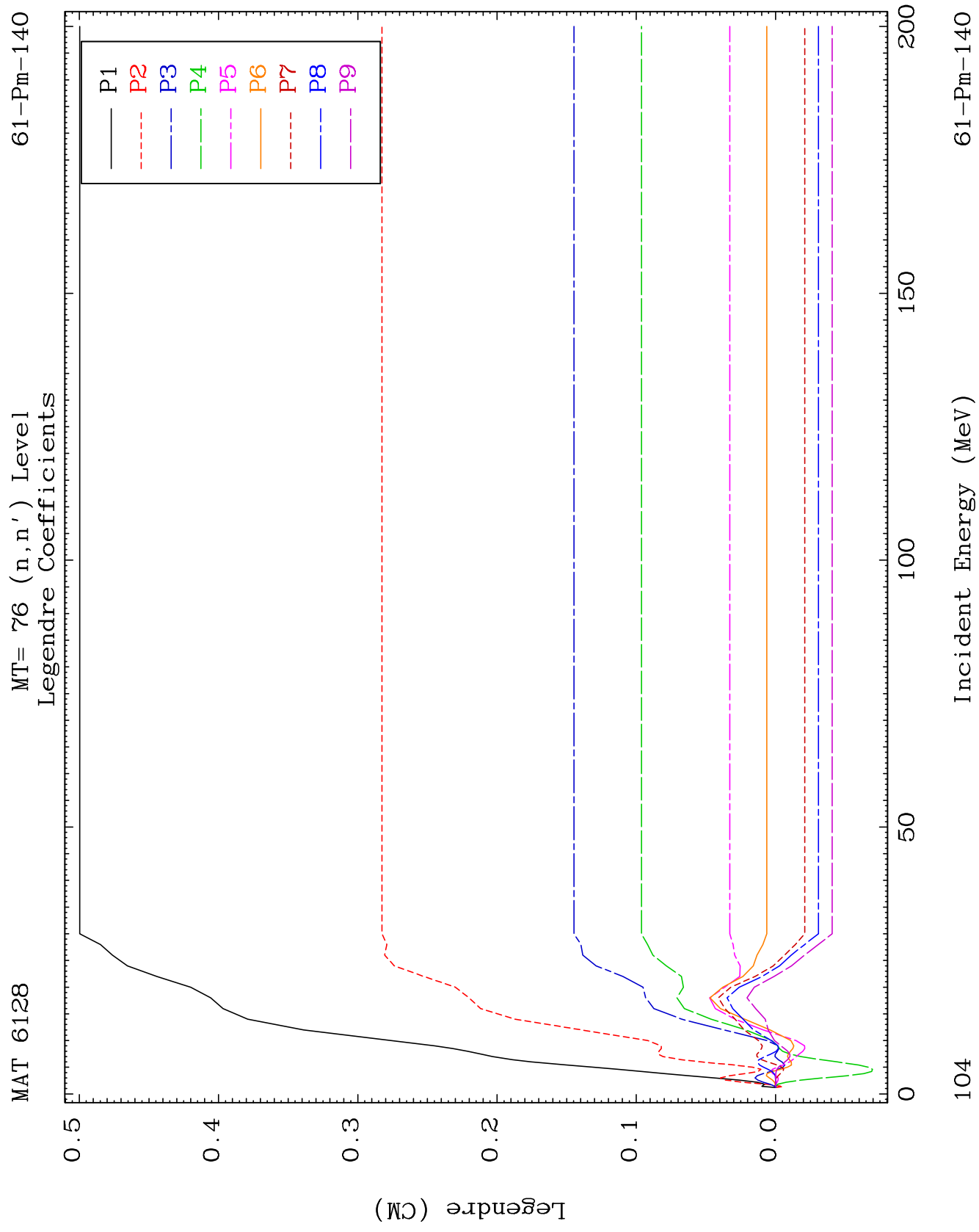


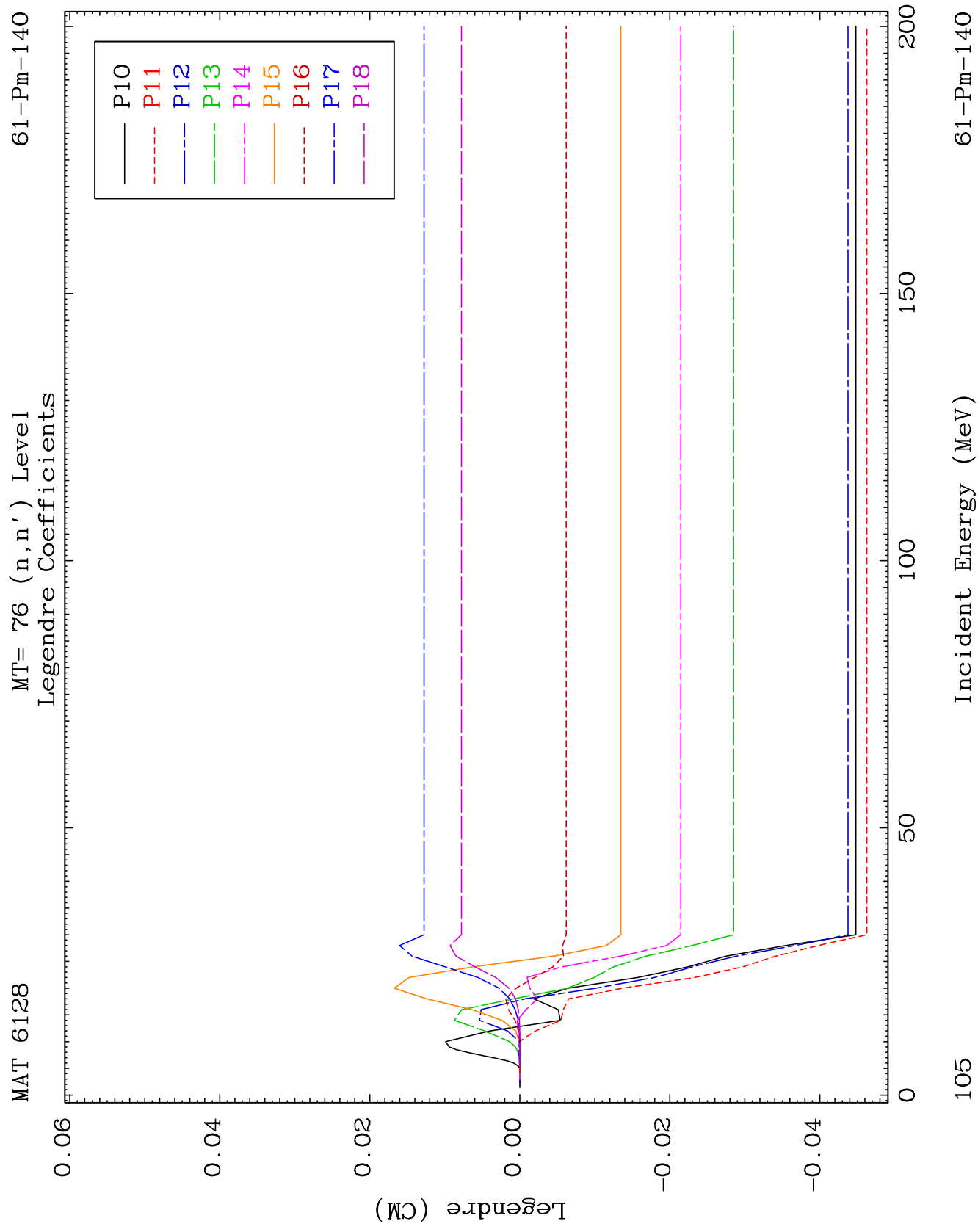


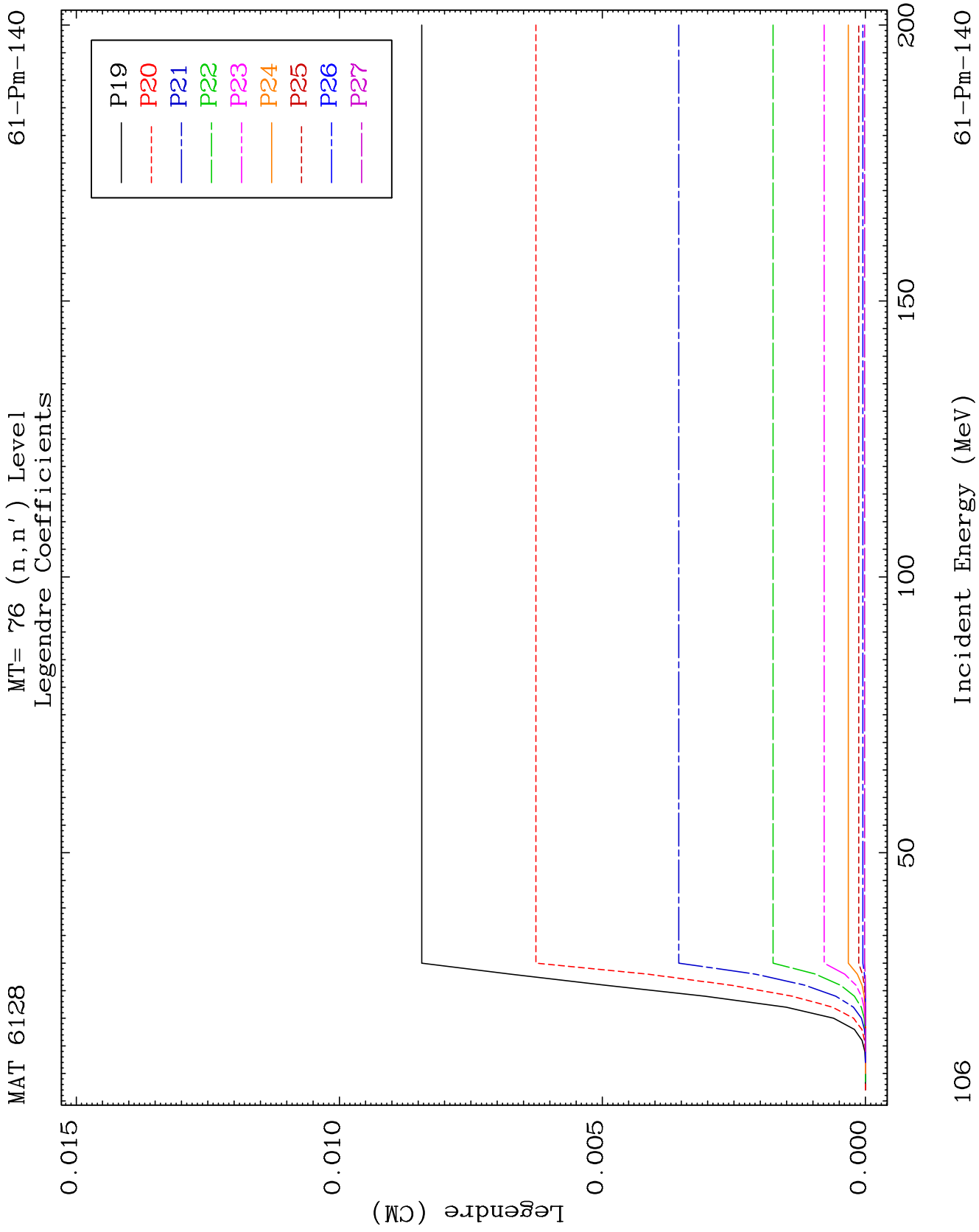








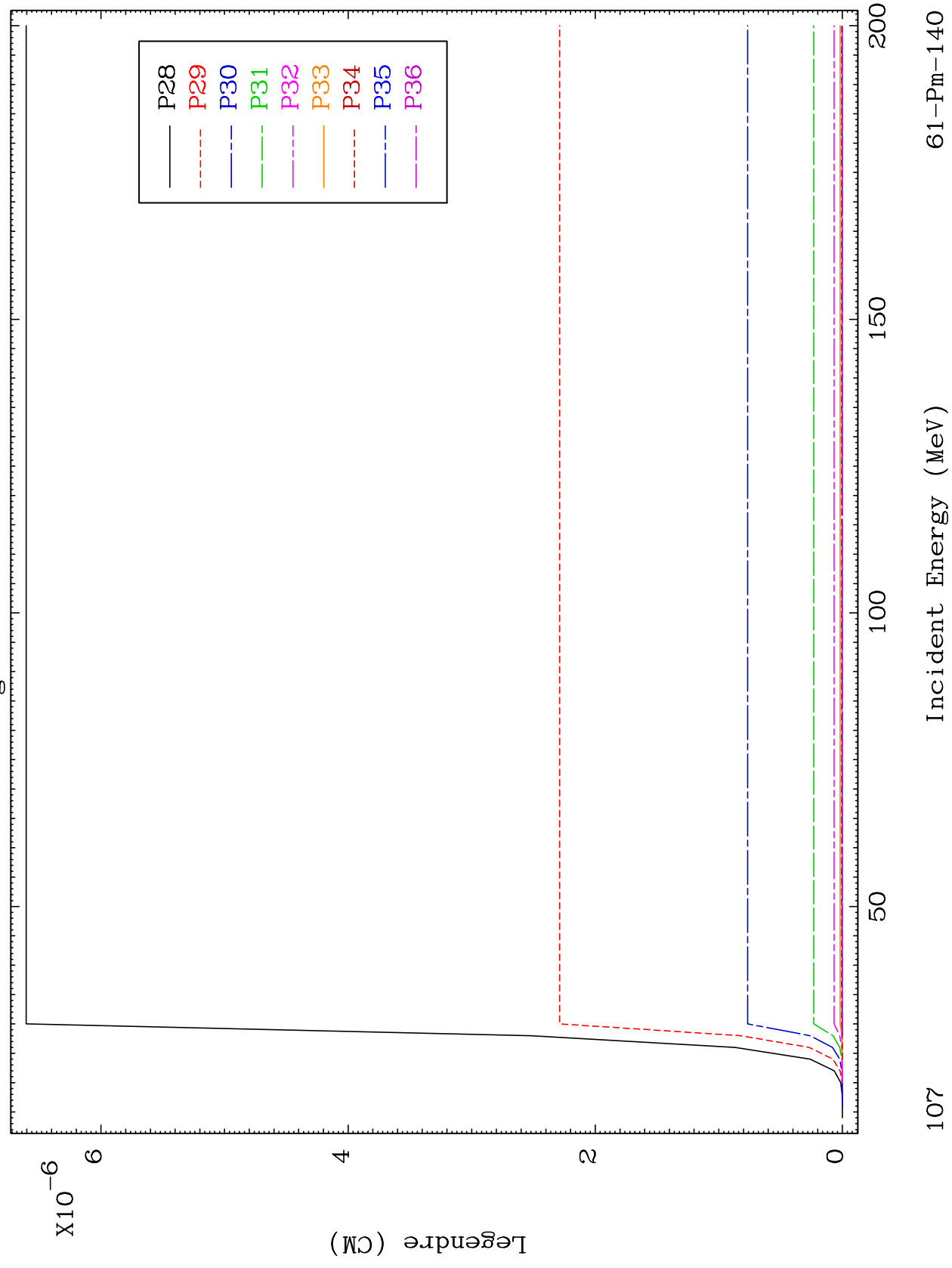




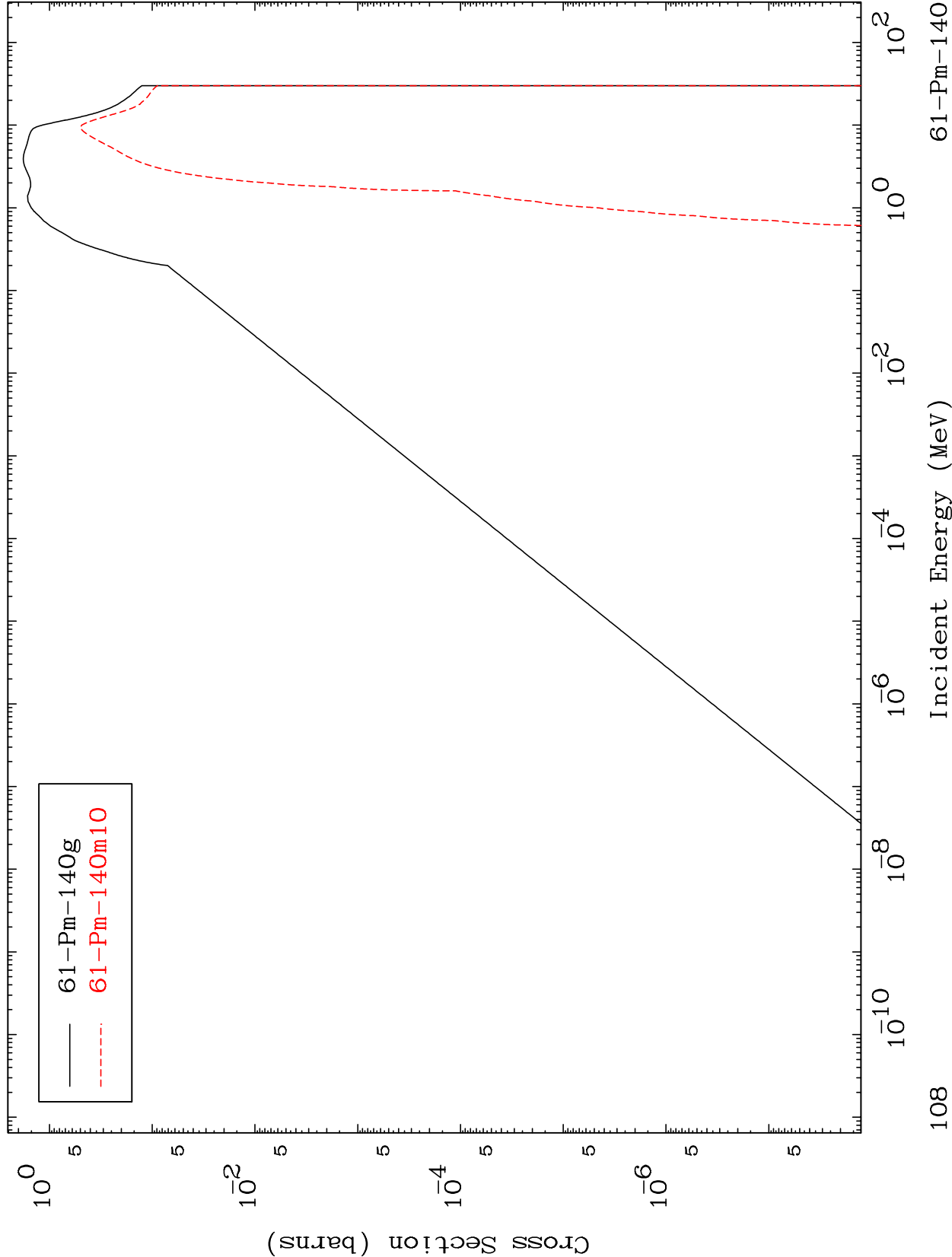
MAT 6128

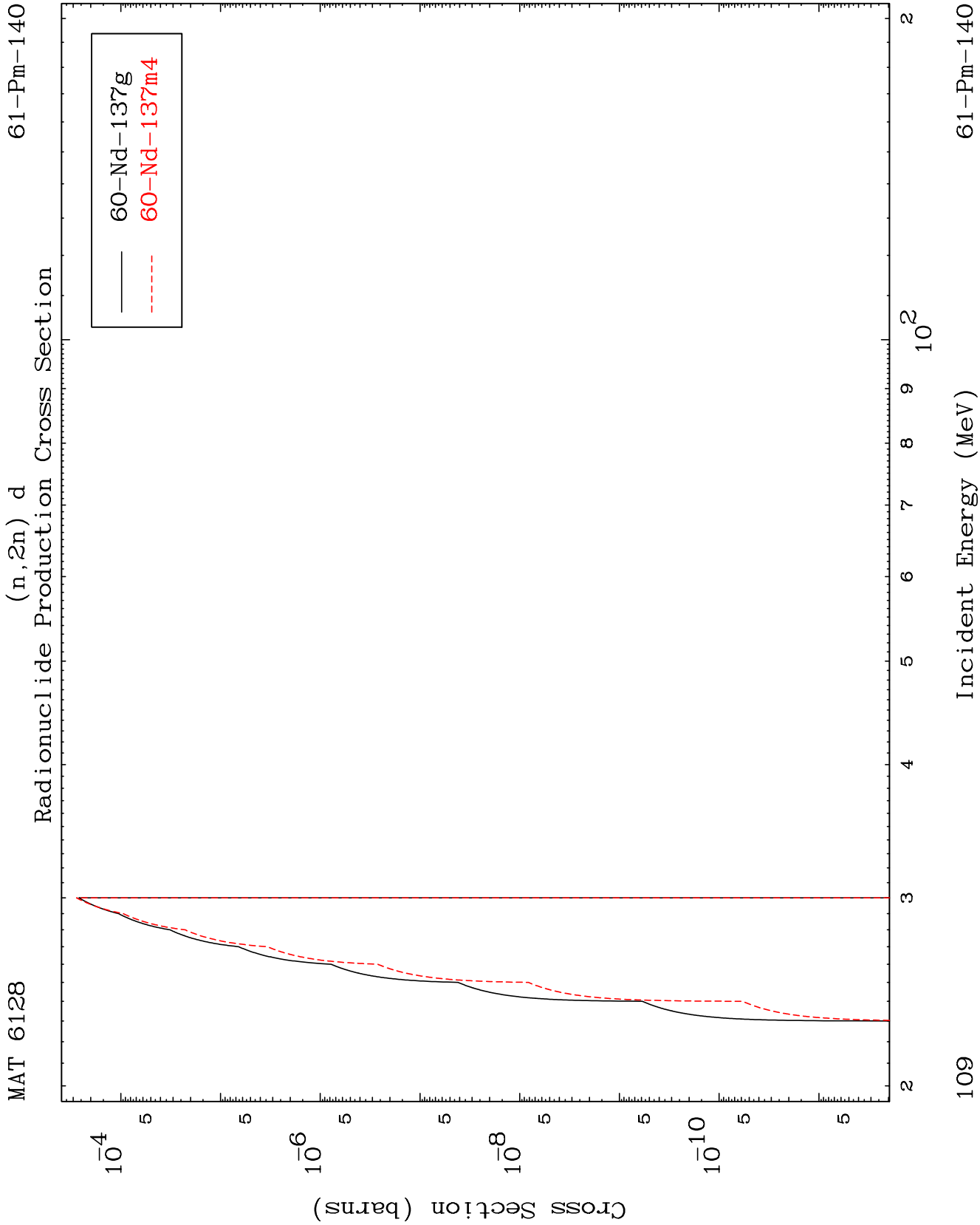
MT= 76 (n, n') Level
Legendre Coefficients

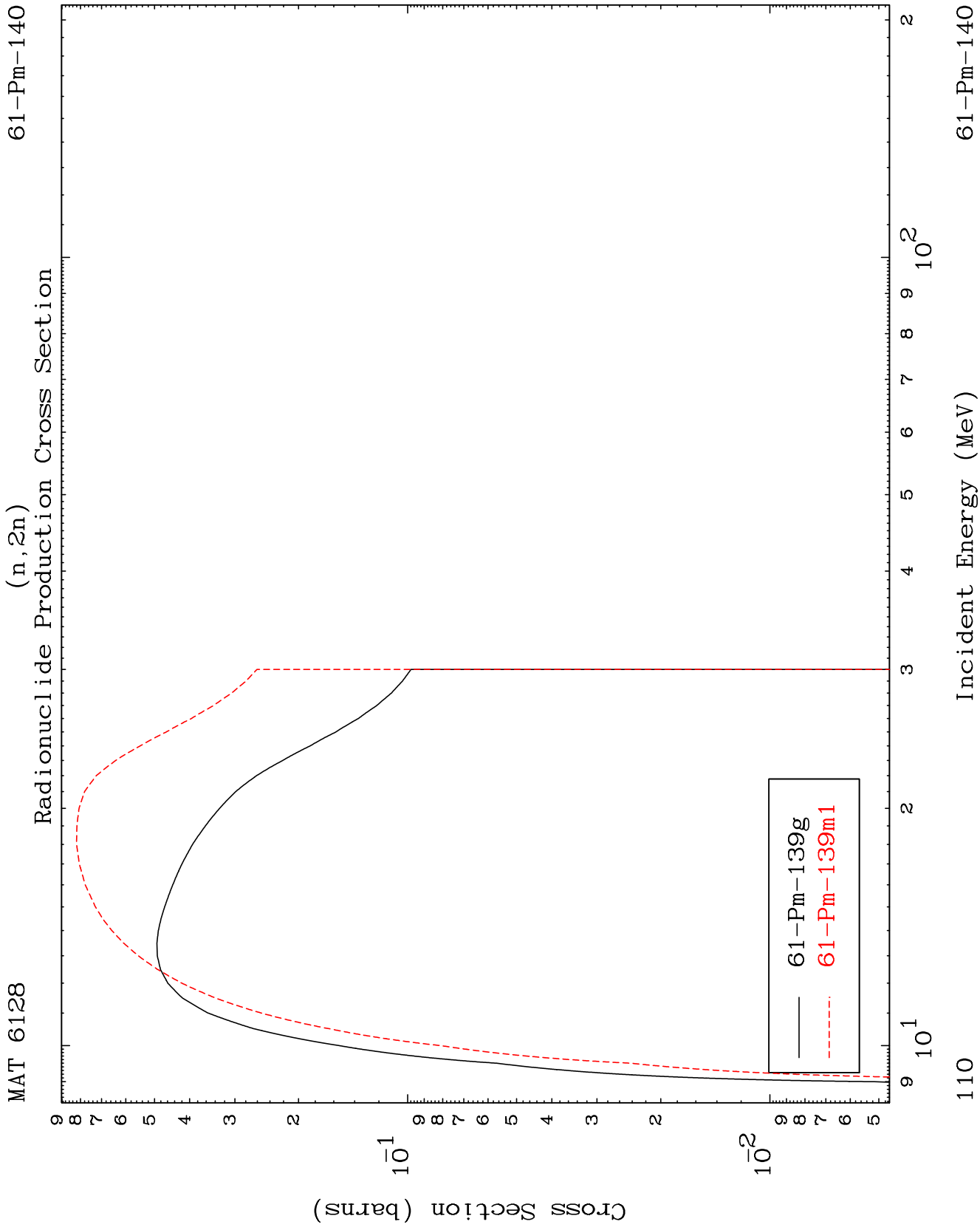
61-Pm-140

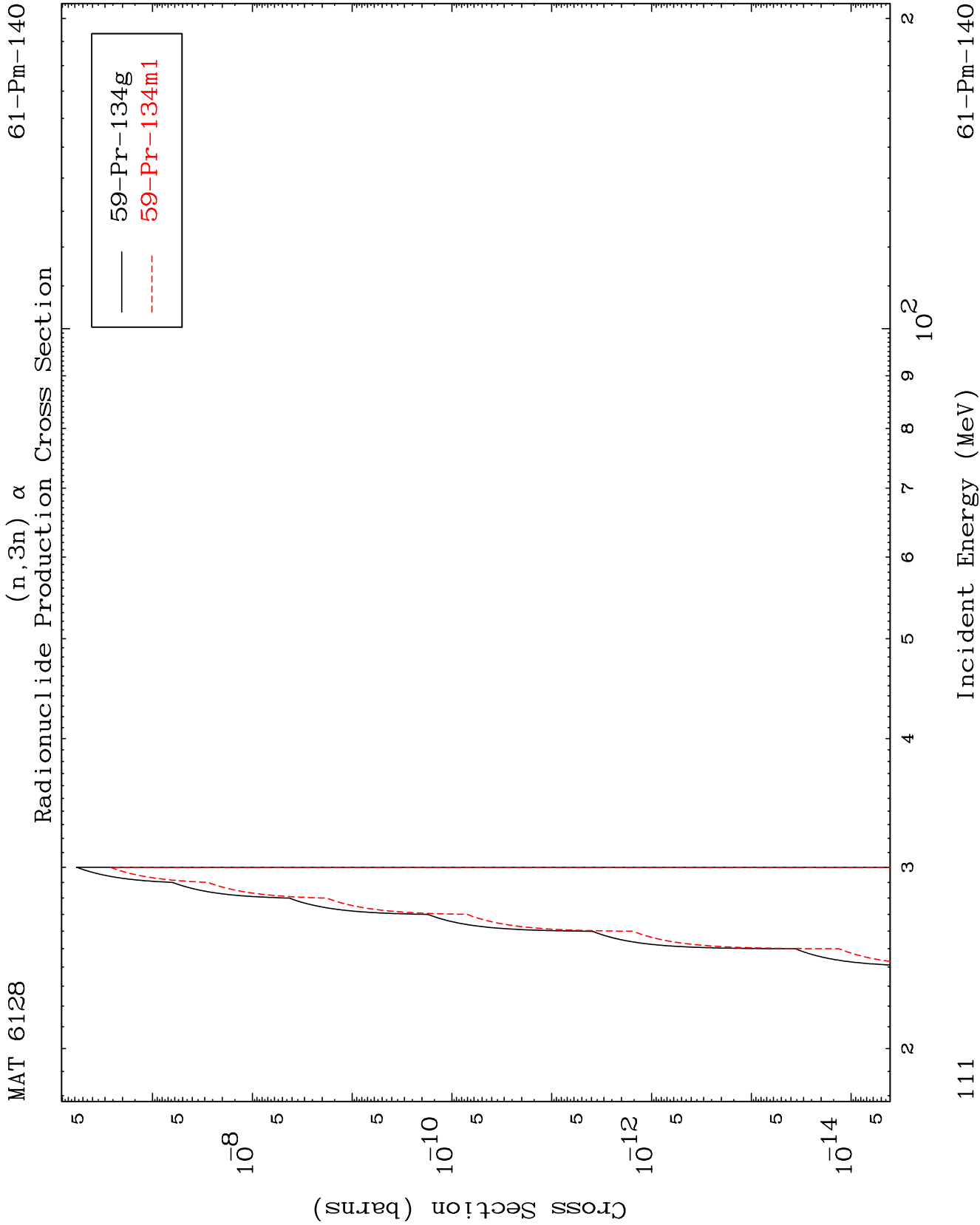


Inelastic
Radionuclide Production Cross Section





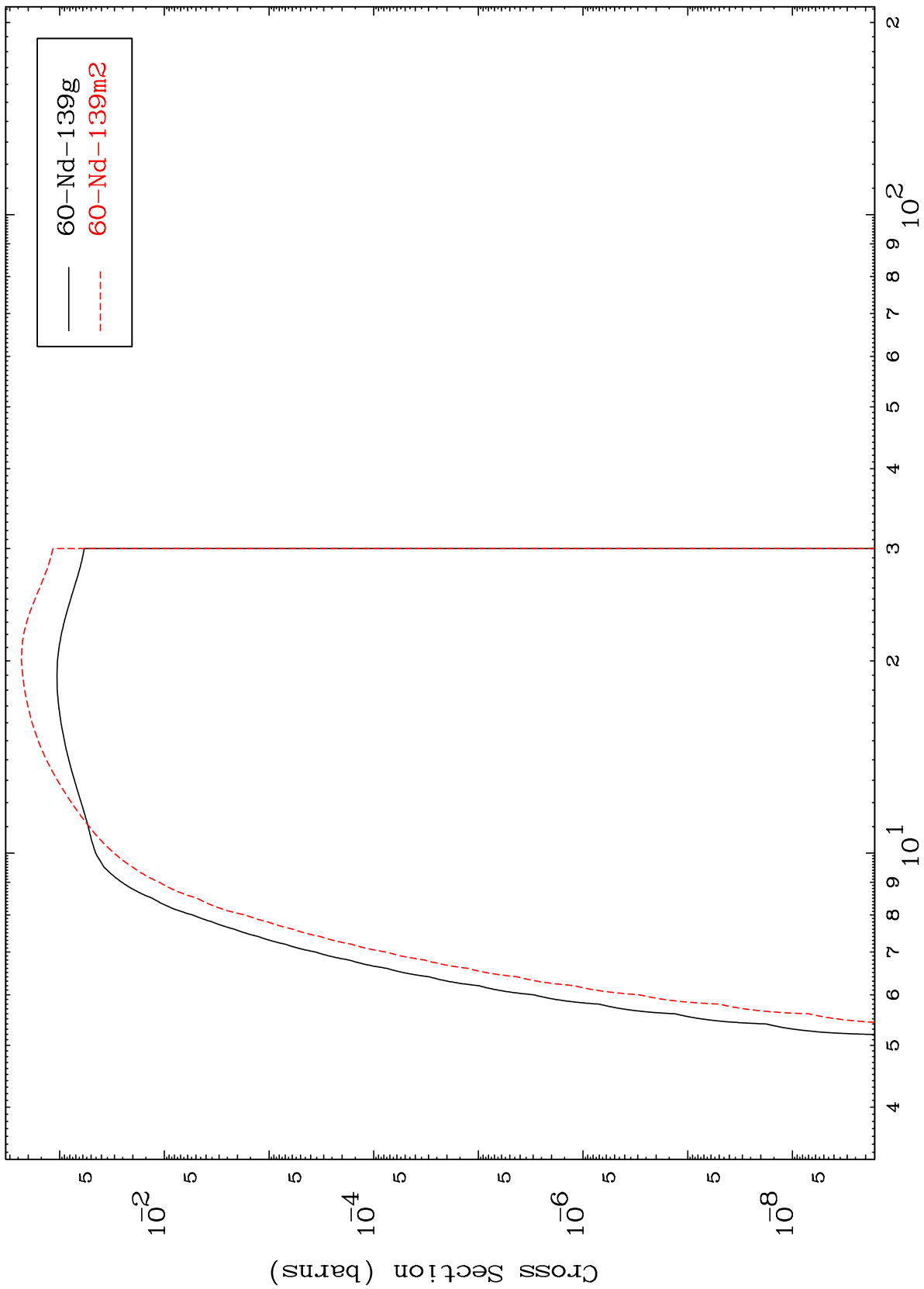




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61-Pm-140

(n,n') p
Radionuclide Production Cross Section

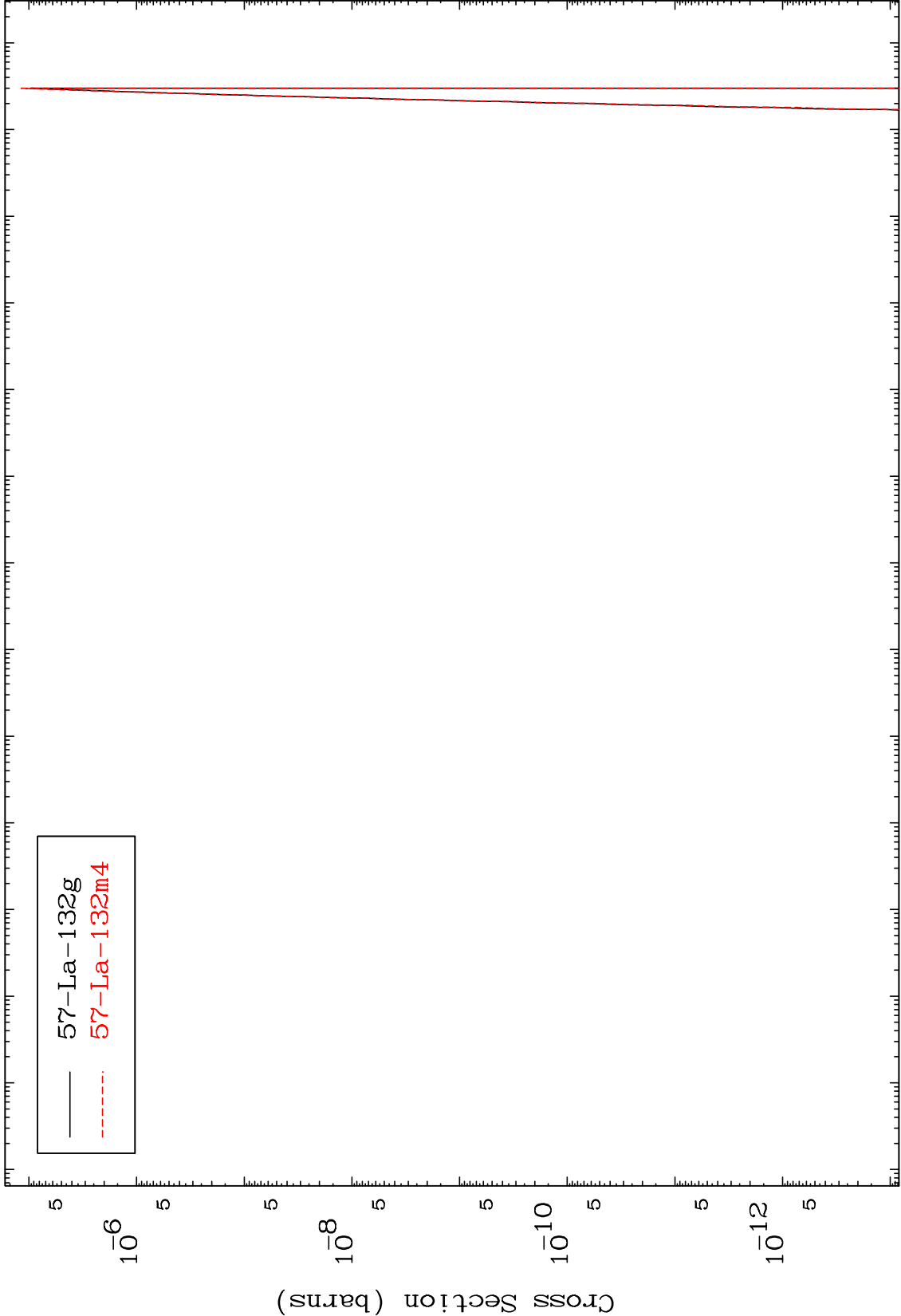


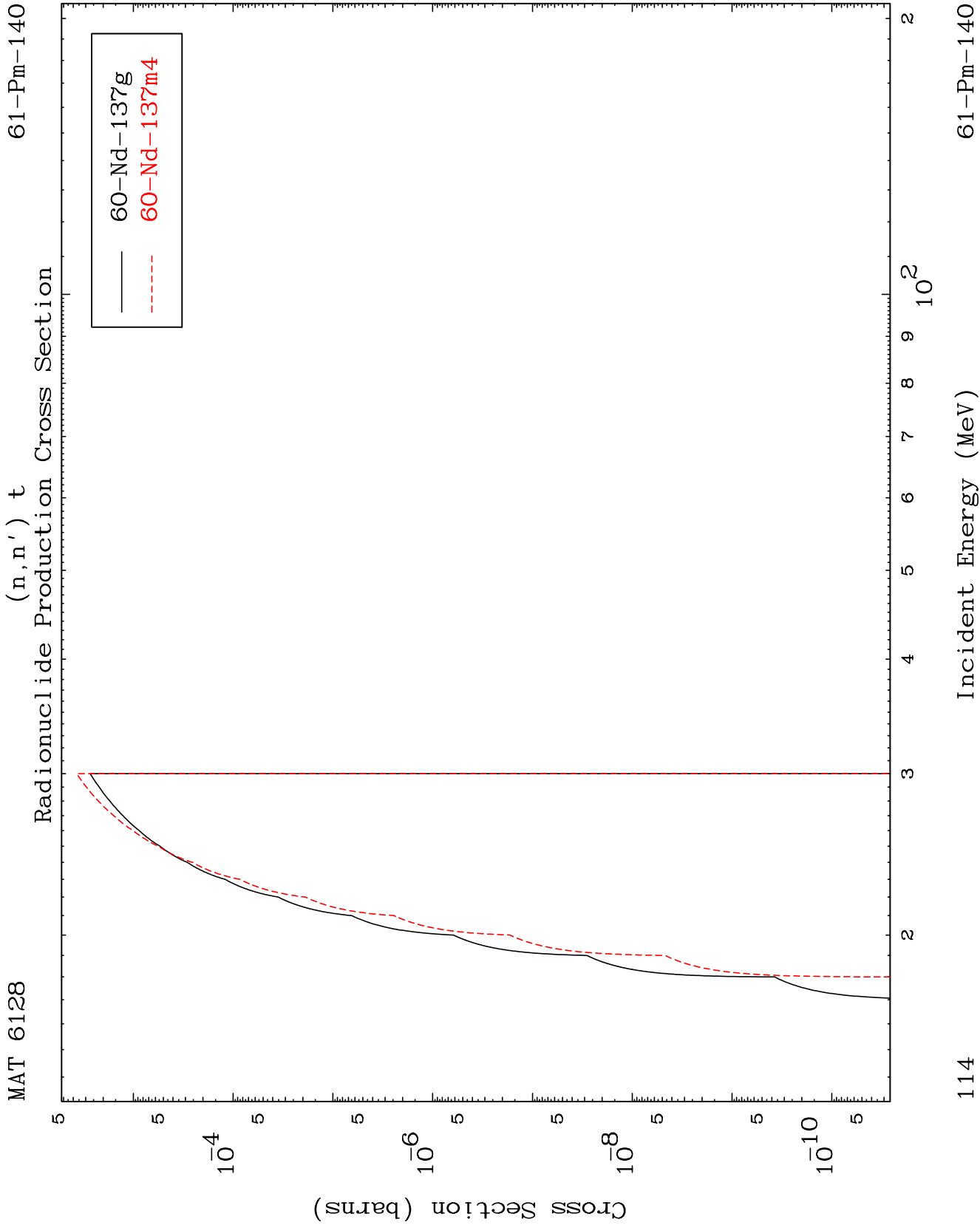
112

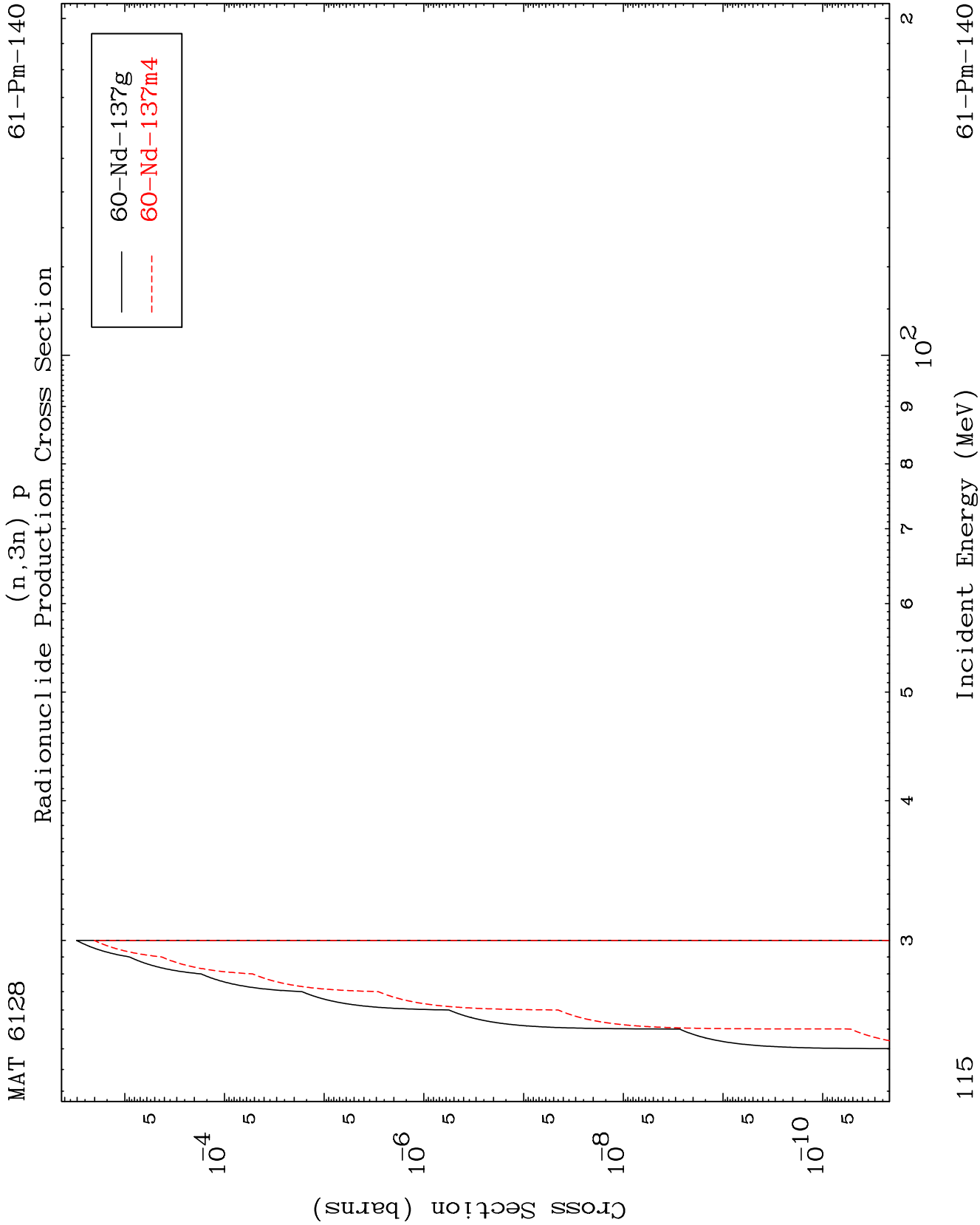
Incident Energy (MeV)

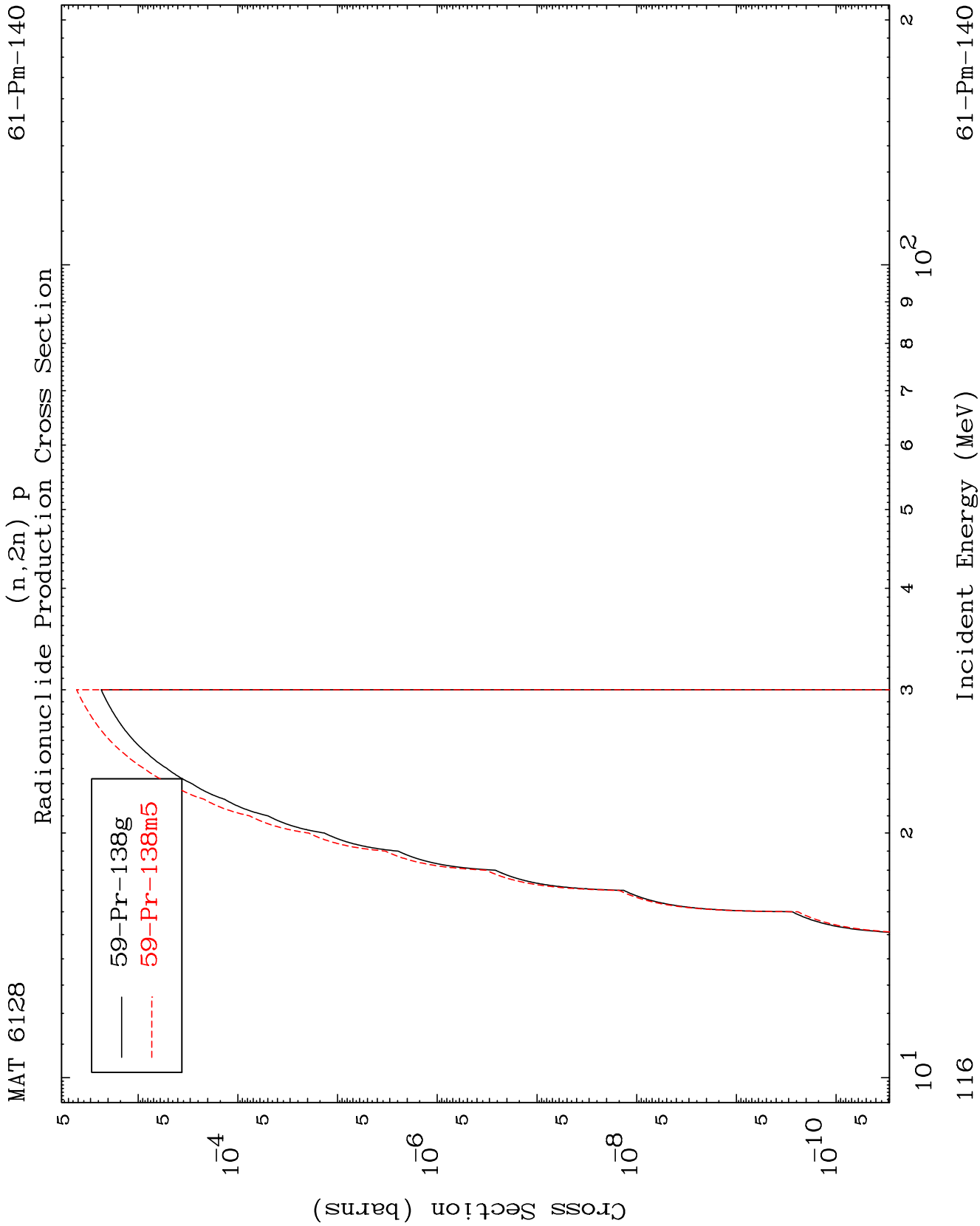
61-Pm-140

(n,n') 2α
Radionuclide Production Cross Section

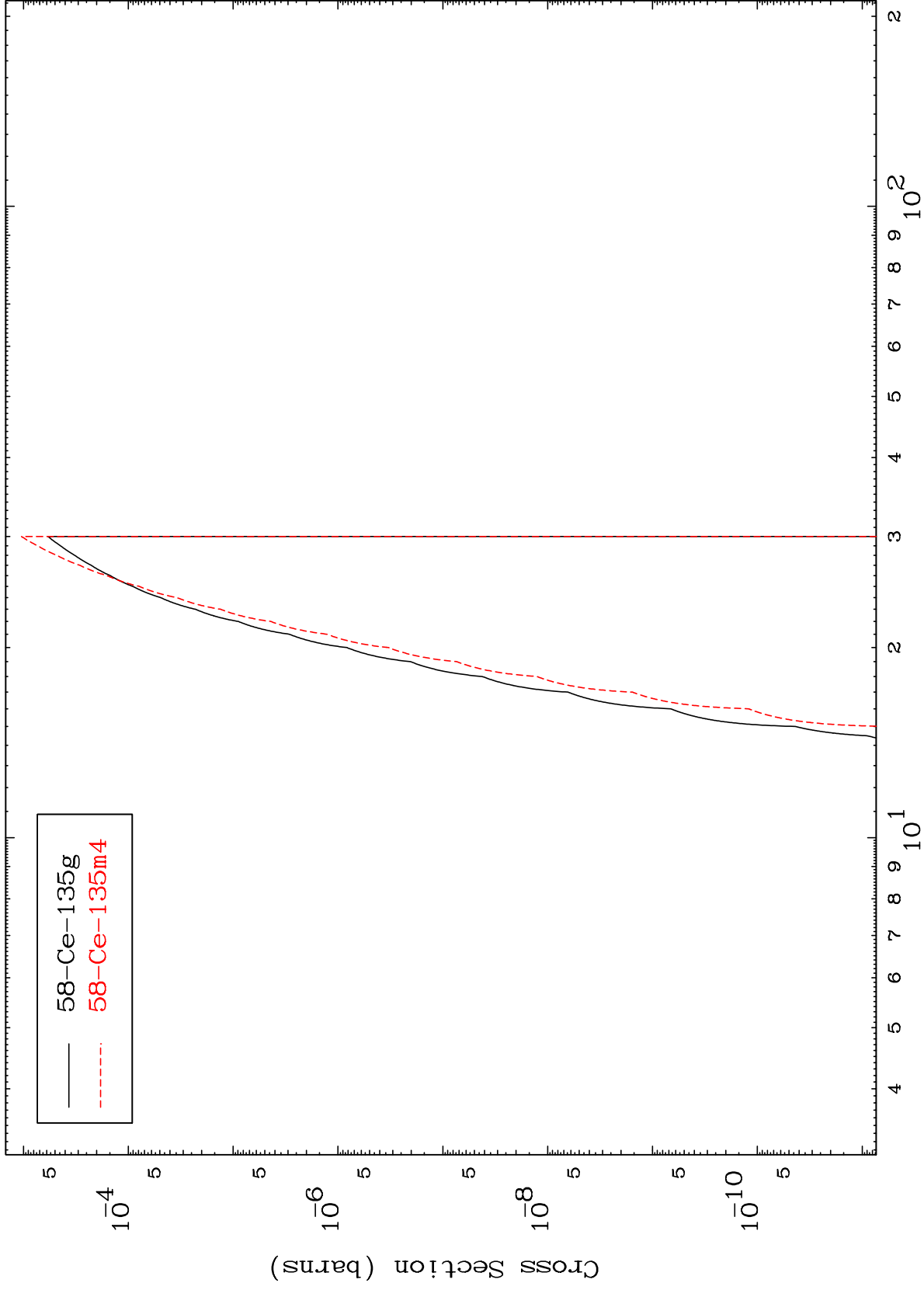




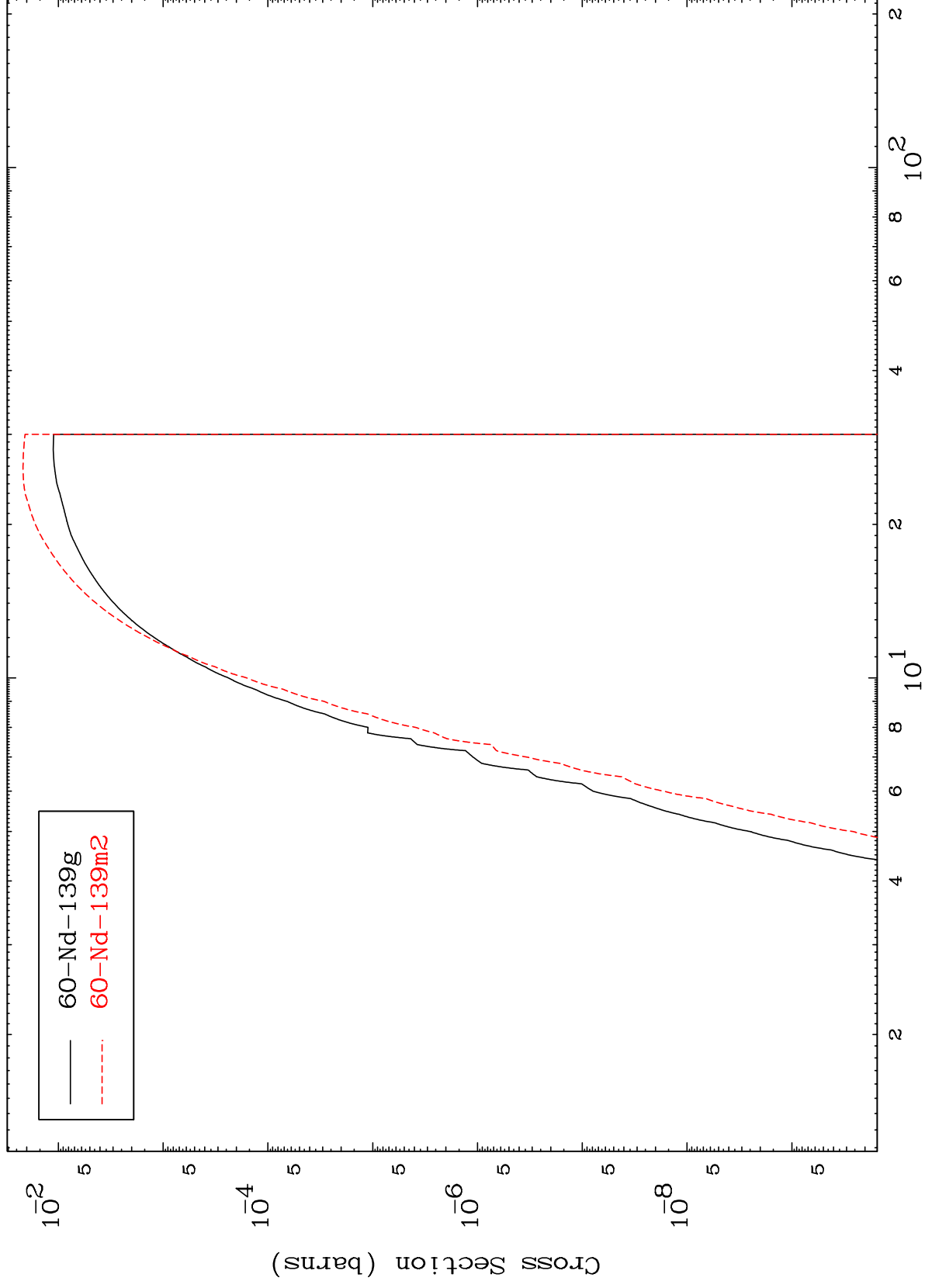


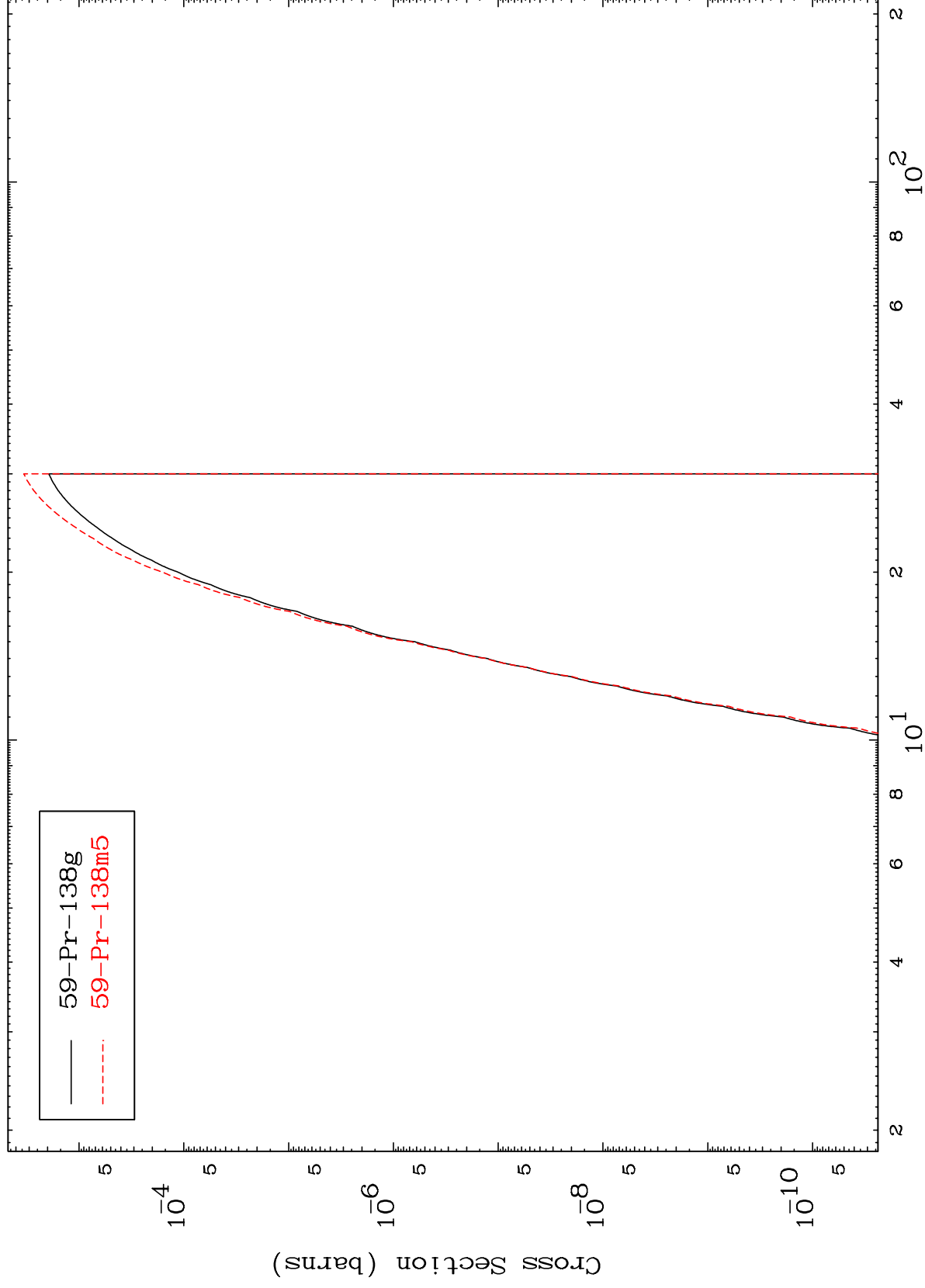


(n,n') p α
Radionuclide Production Cross Section



Radionuclide Production Cross Section (n,d)



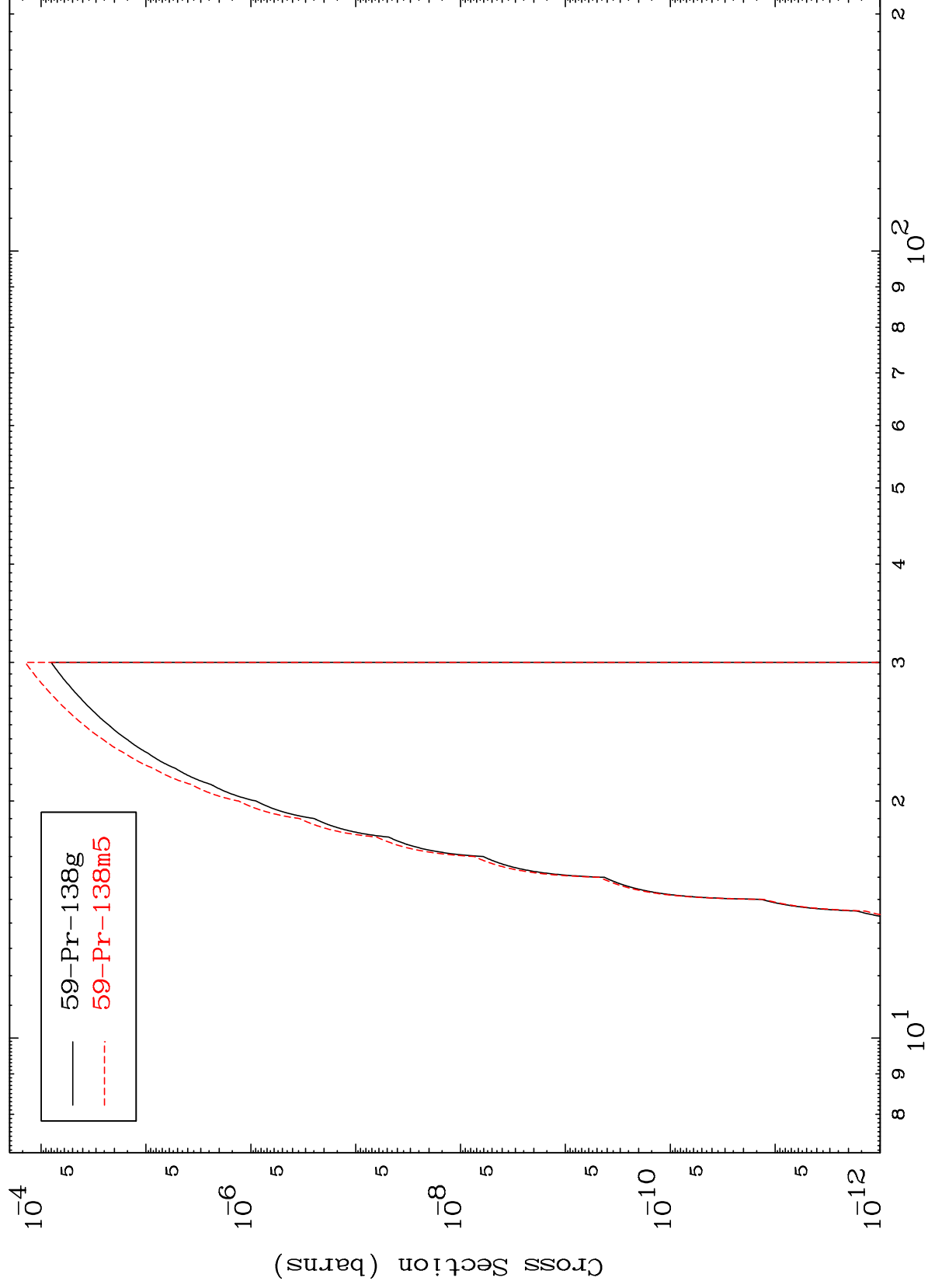
Radionuclide Production Cross Section
(n,He-3)

MAT 6128

(n,p) d

61-Pm-140

Radionuclide Production Cross Section



120

Incident Energy (MeV)

61-Pm-140

Radionuclide Production Cross Section
(n,d) α

