

Program EVALPLOT
(Version 2021-1)

by

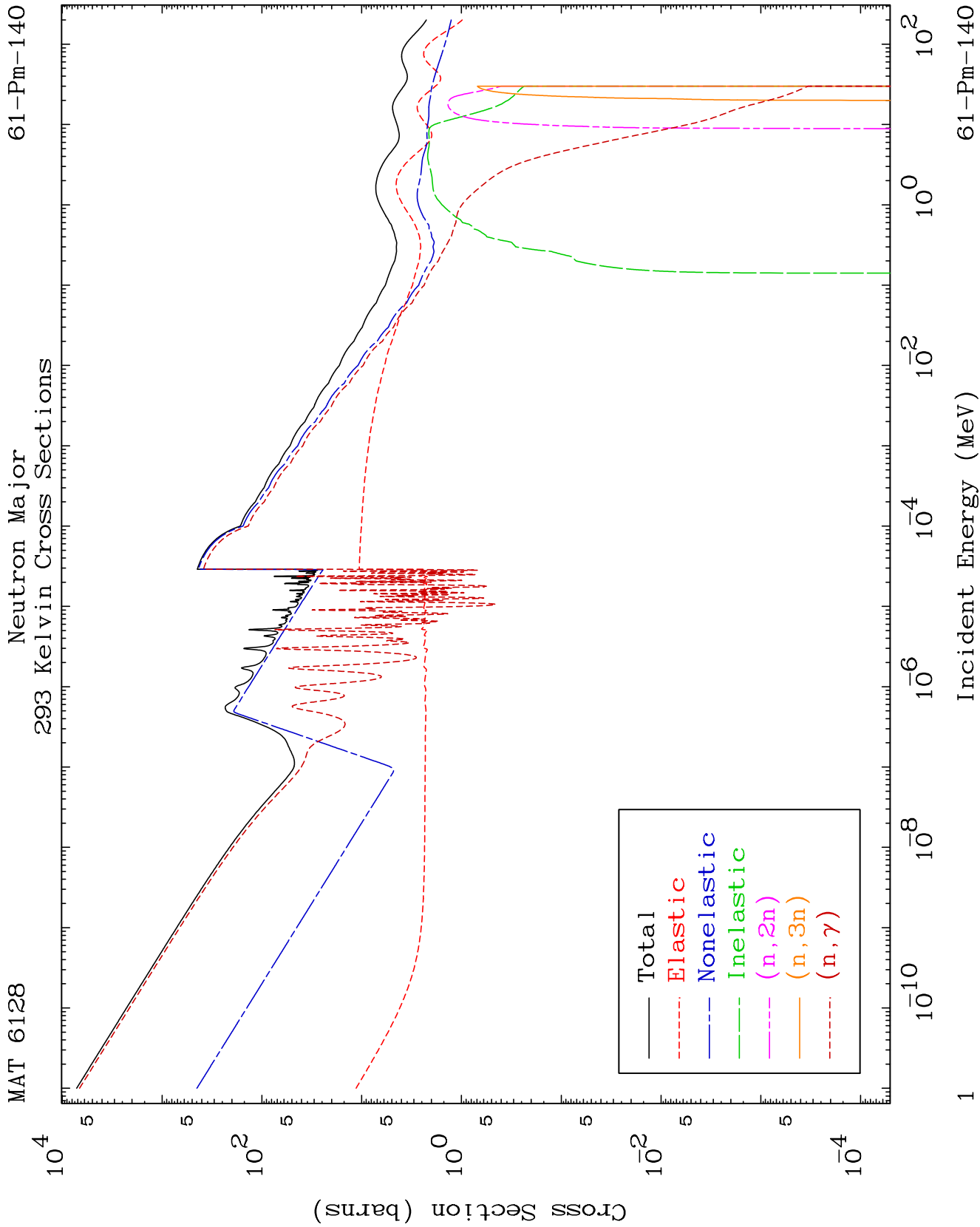
Dermott E. Cullen
(Present Contact Information)

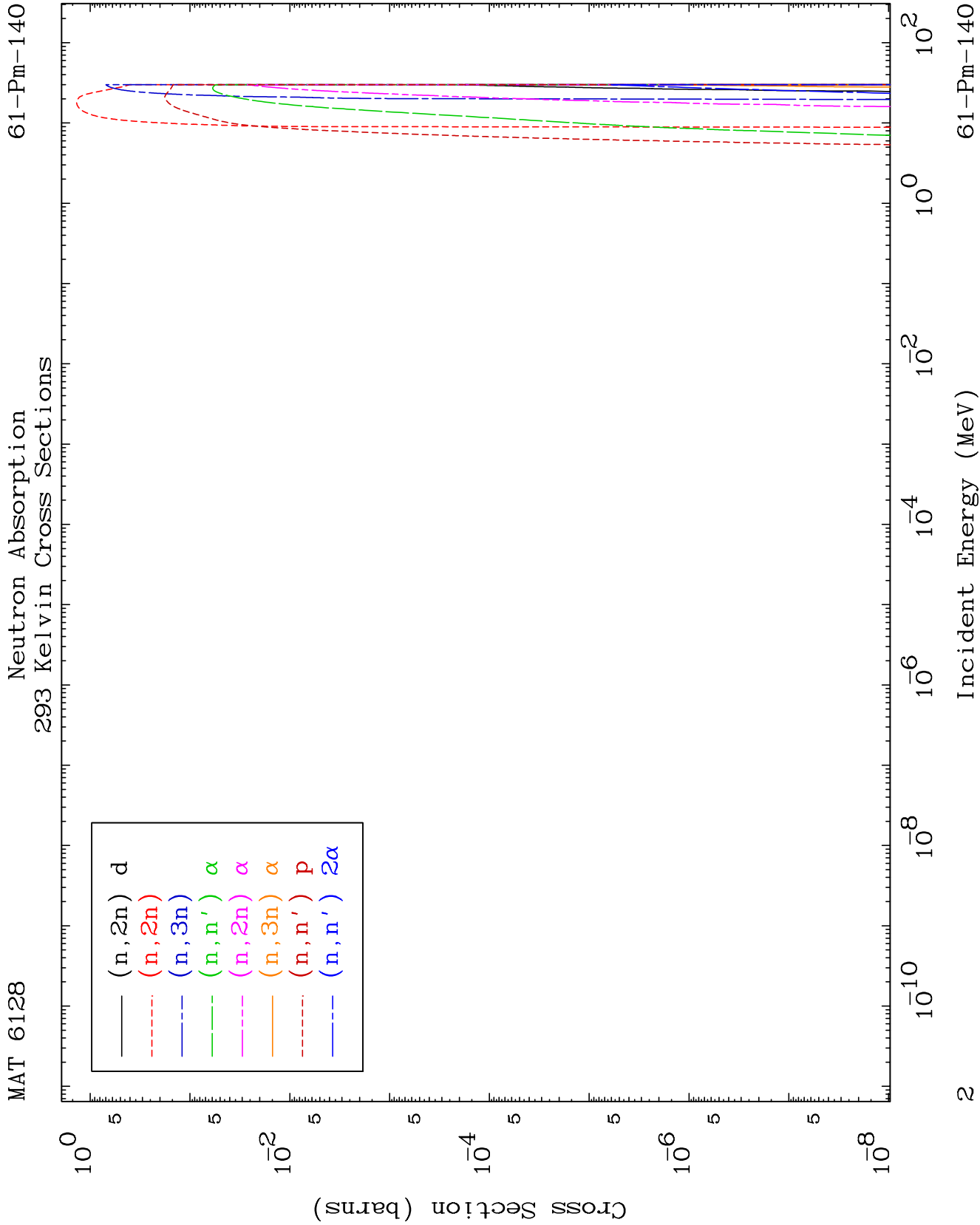
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

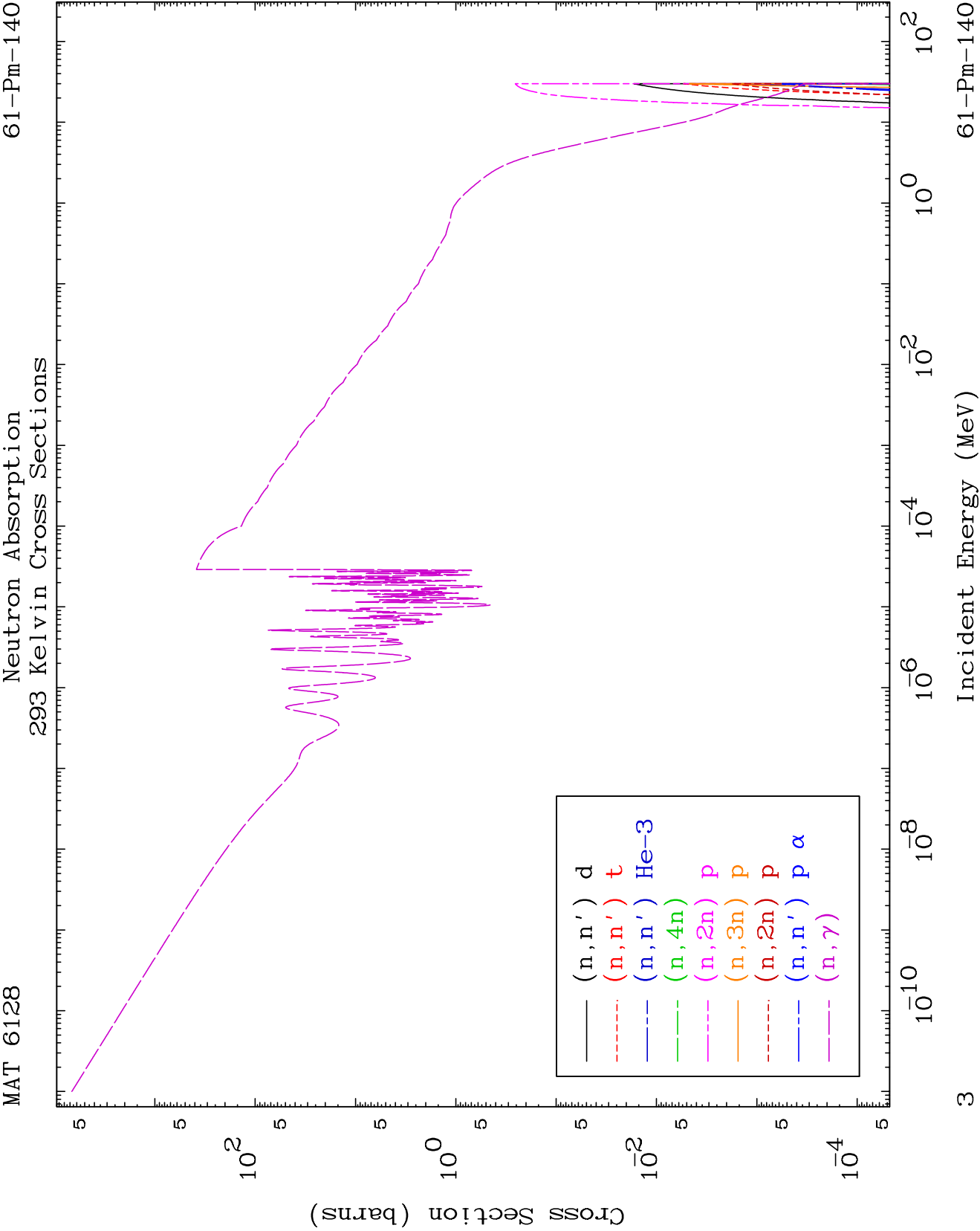
Tele: 925-443-1911

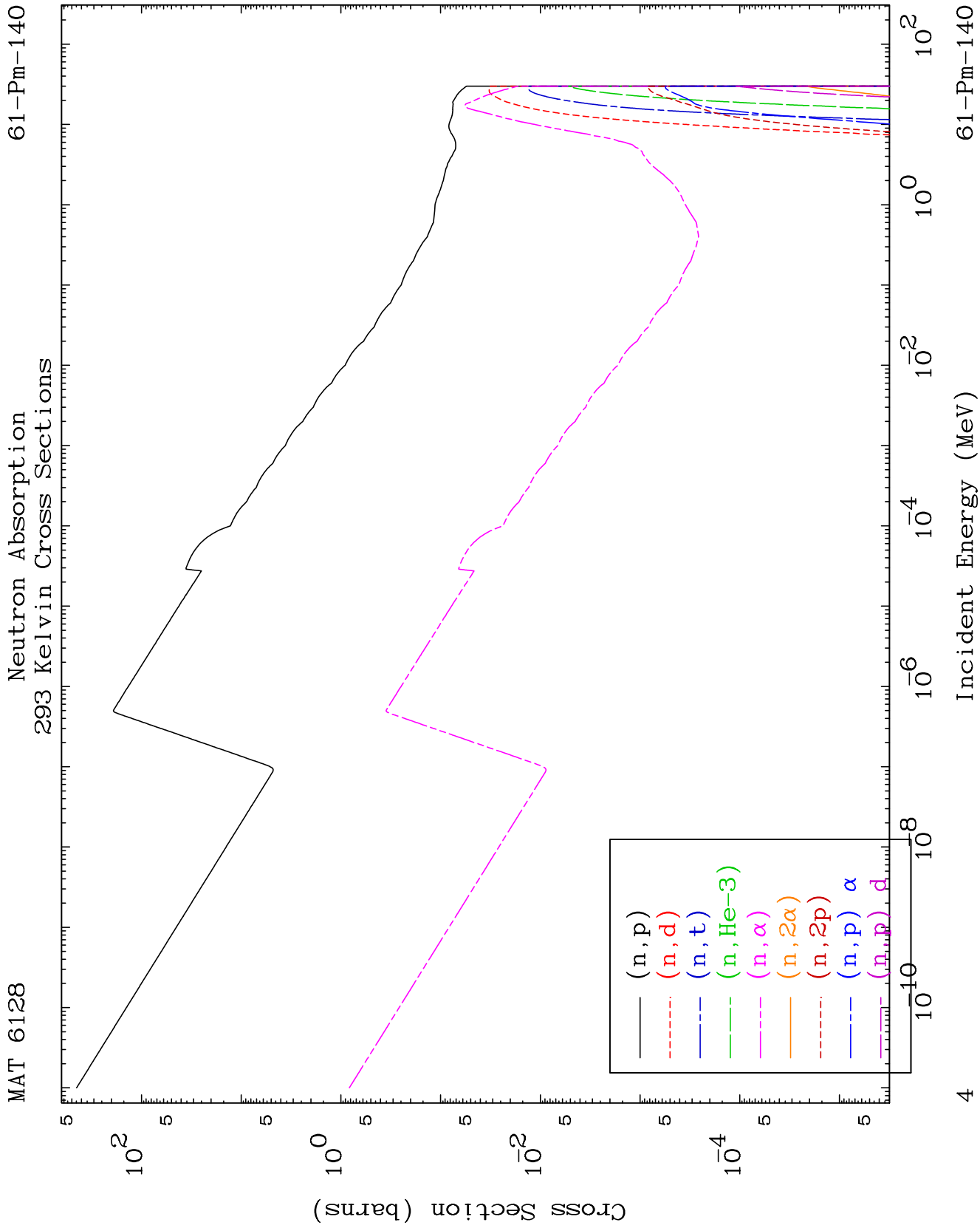
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

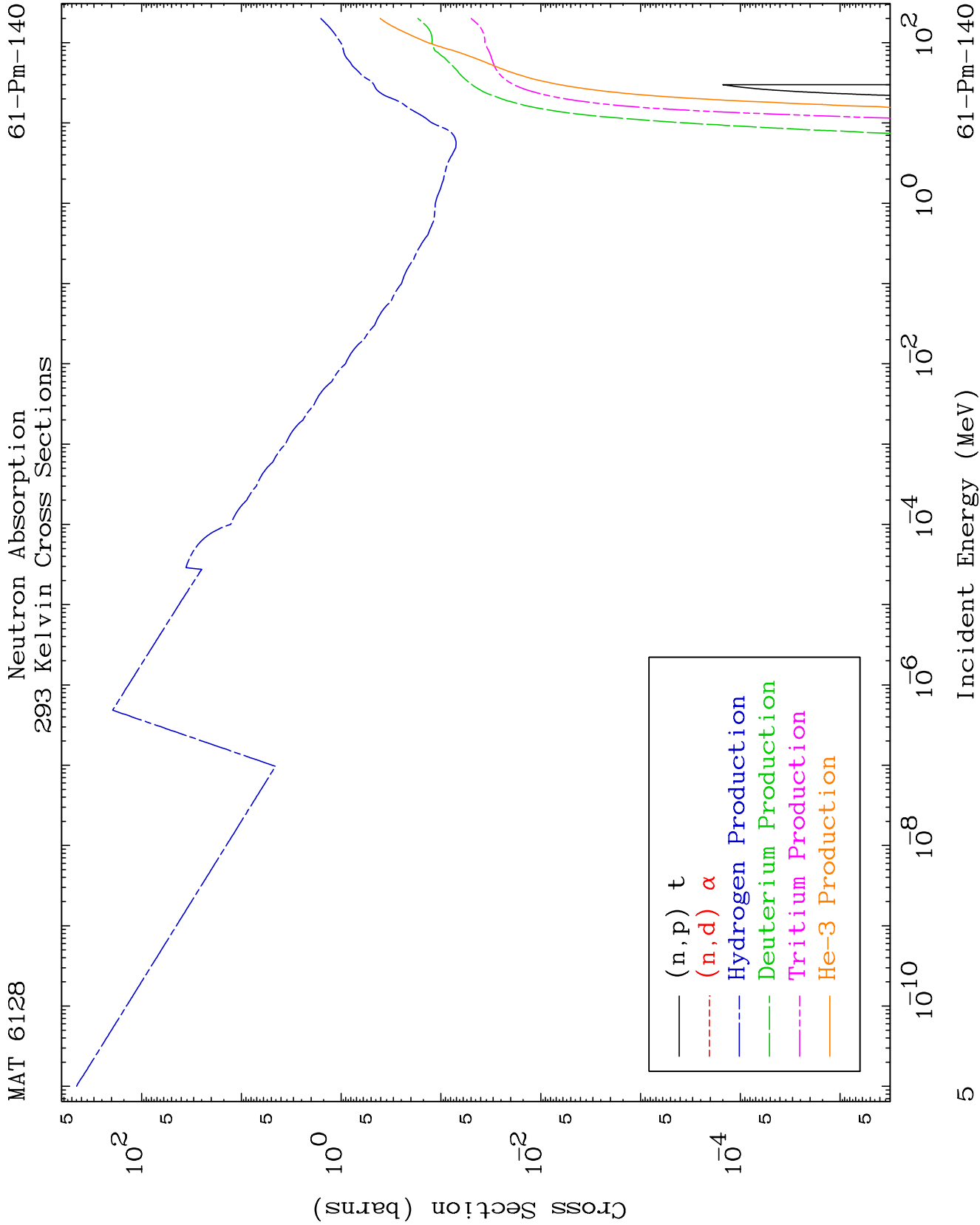
Press Mouse Button to Start







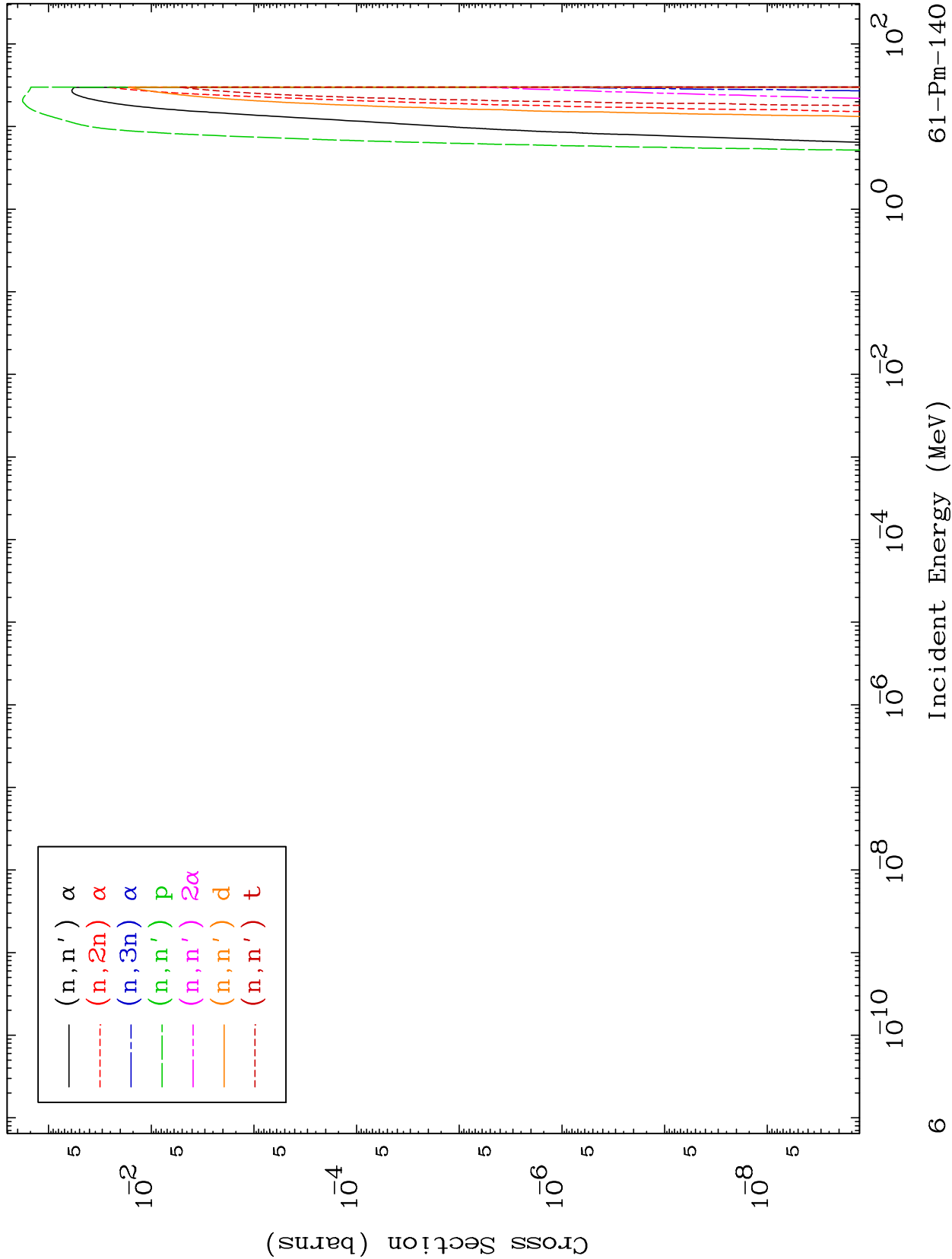


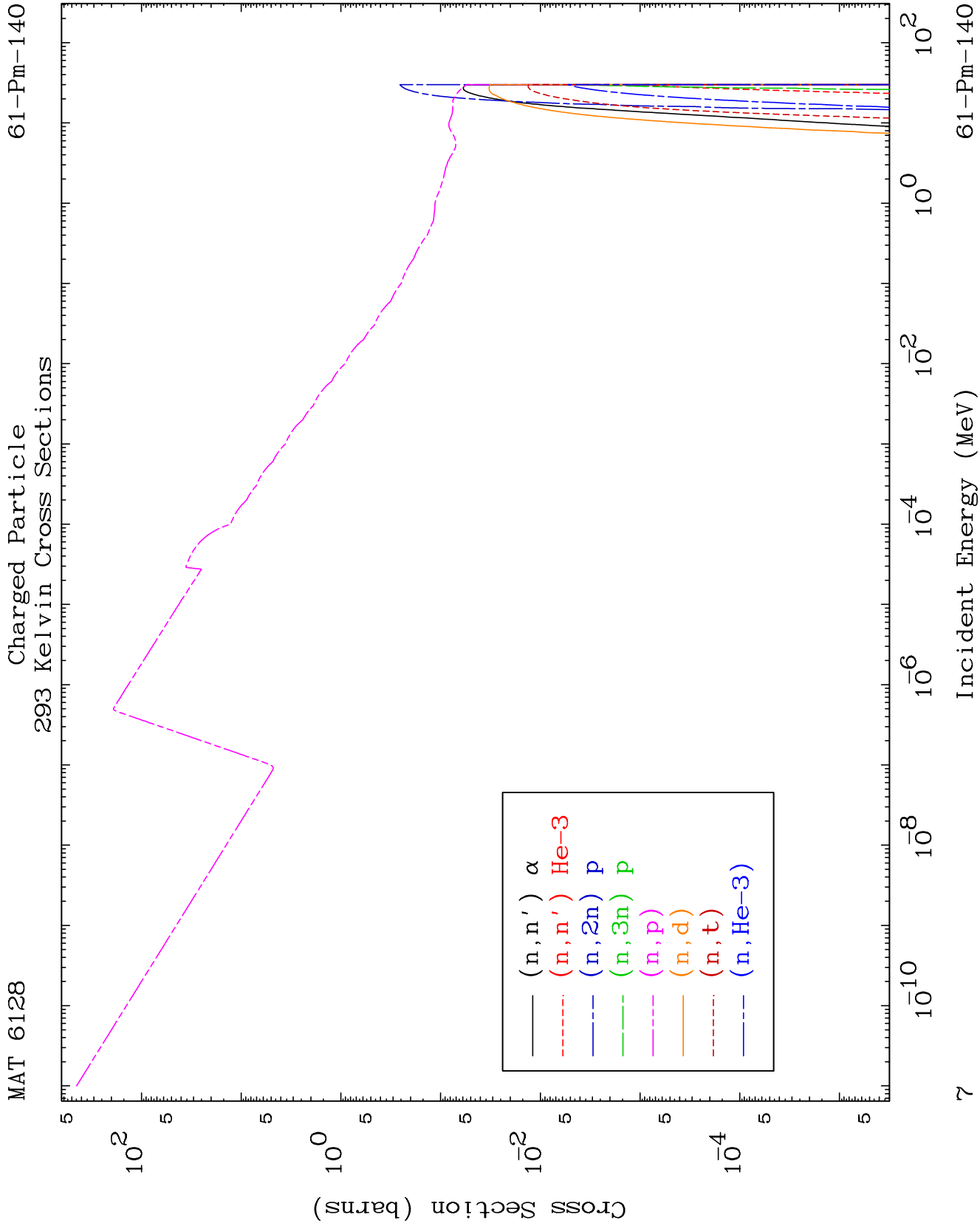


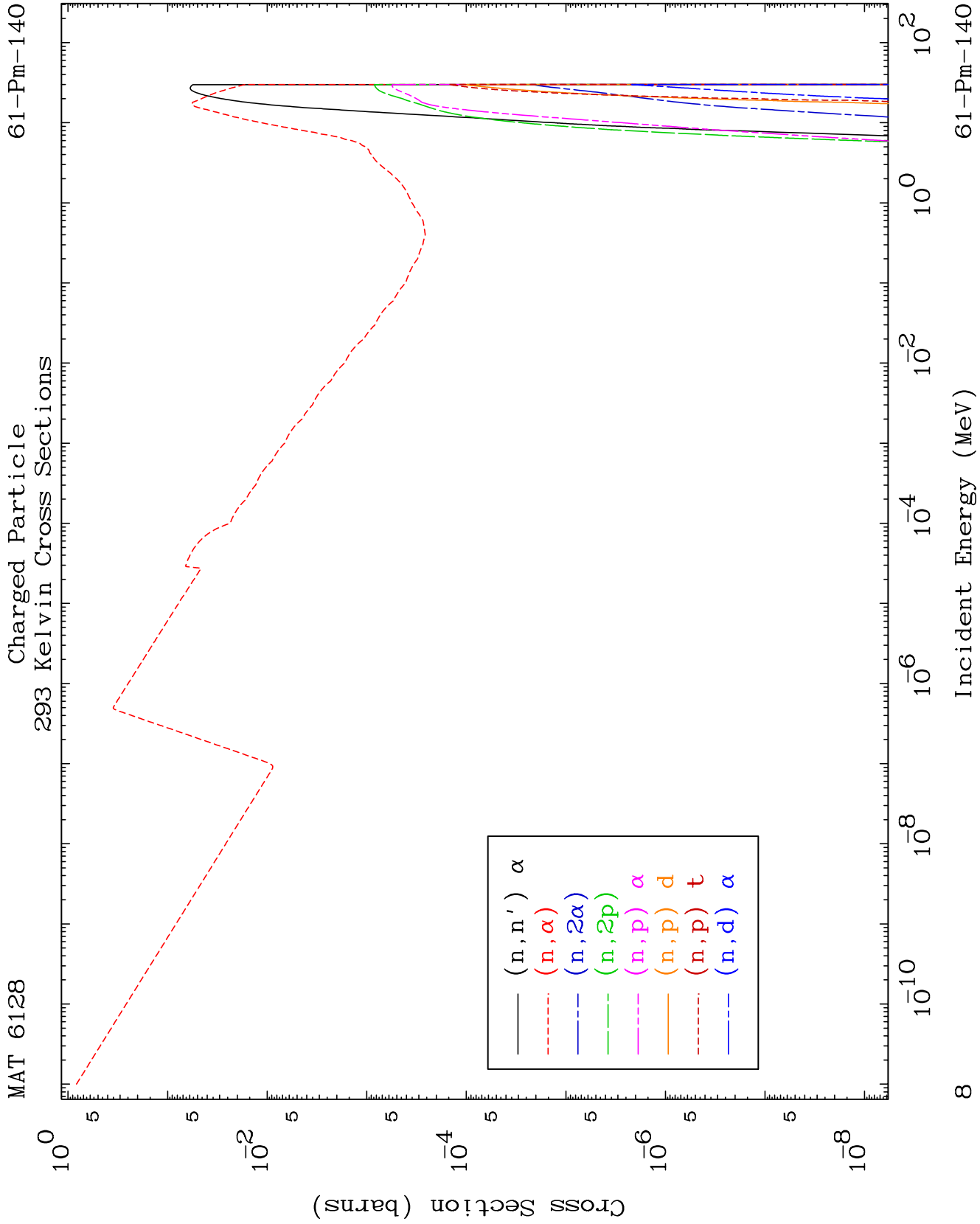
MAT 6128

Charged Particle
293 Kelvin Cross Sections

61-Pm-140



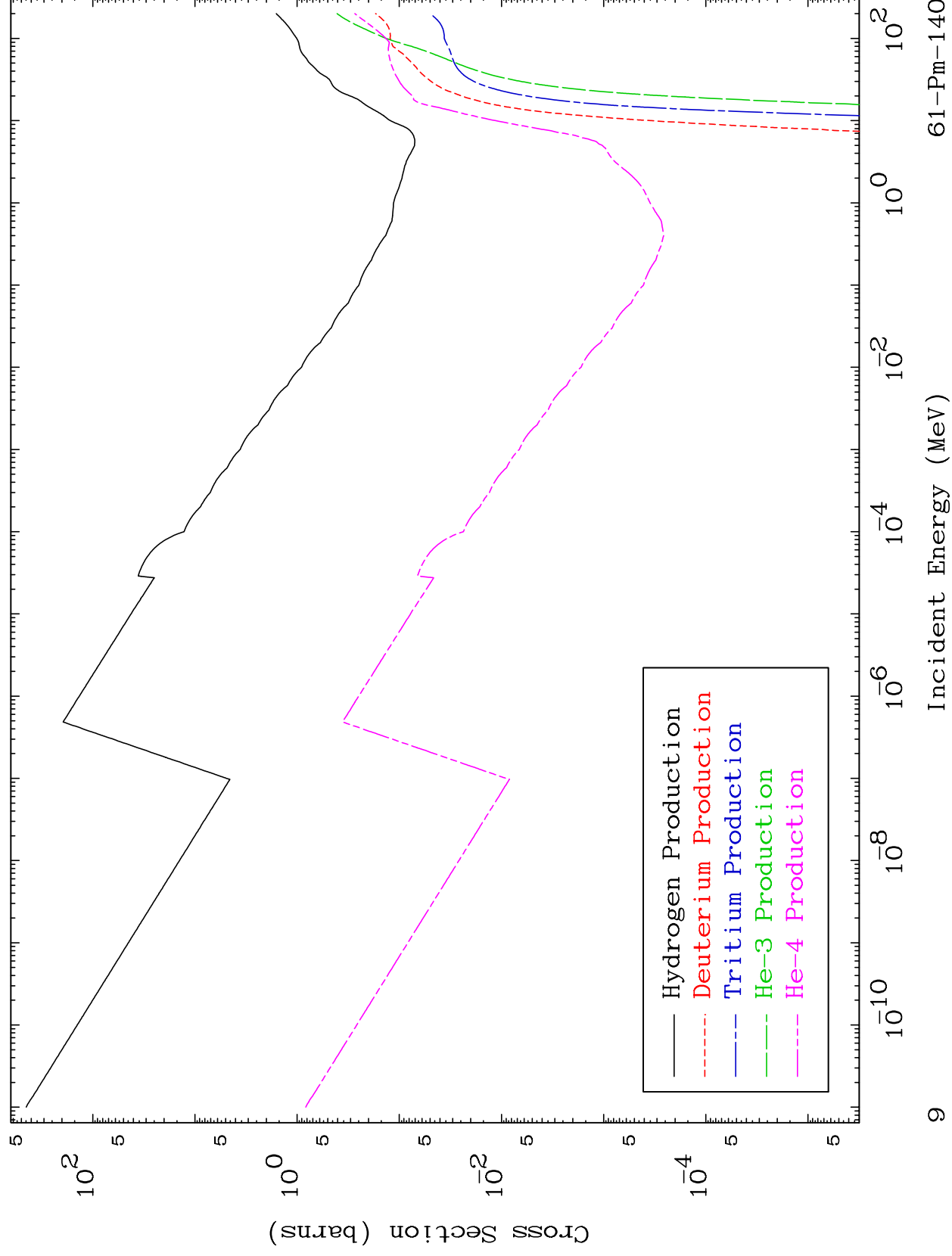


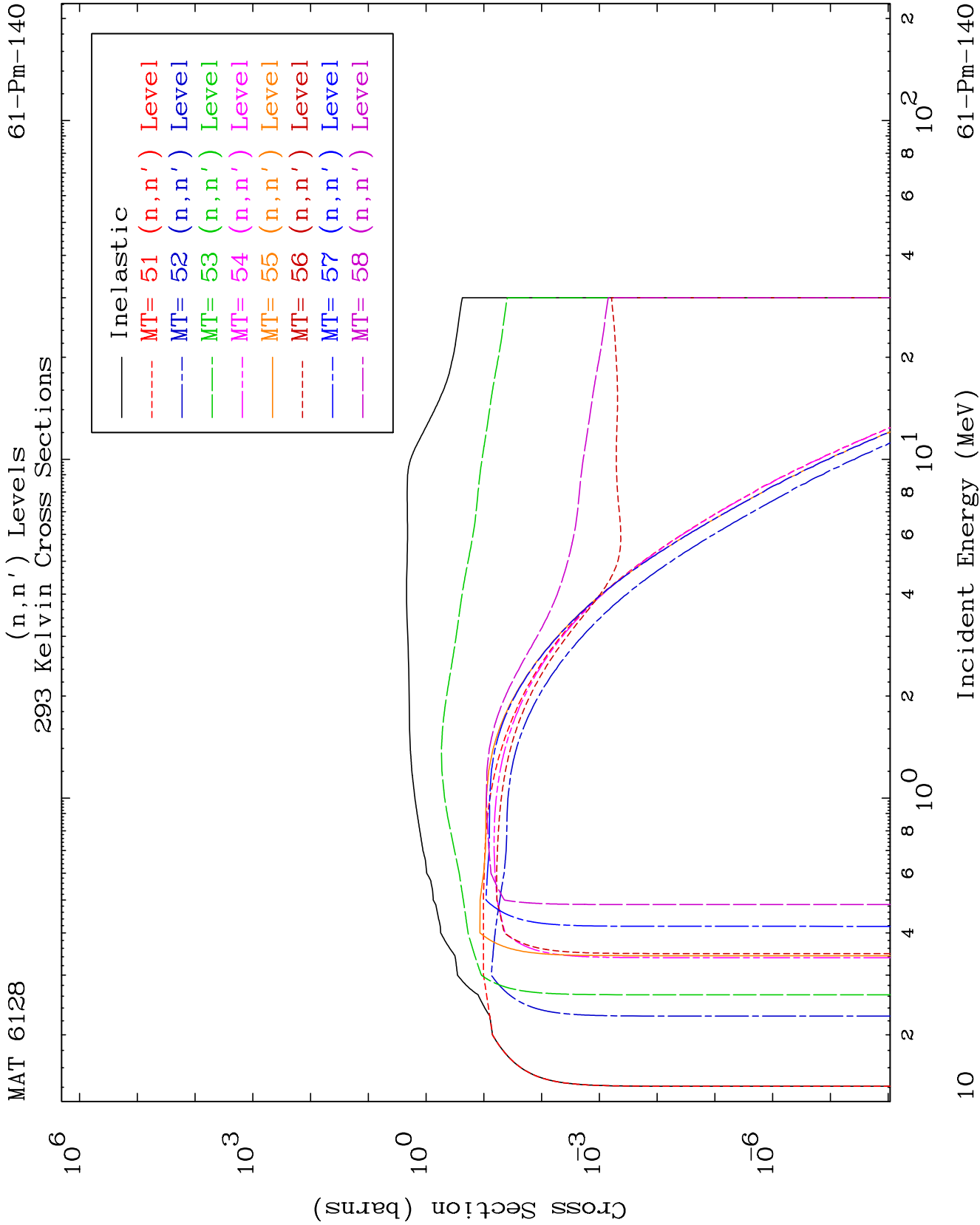


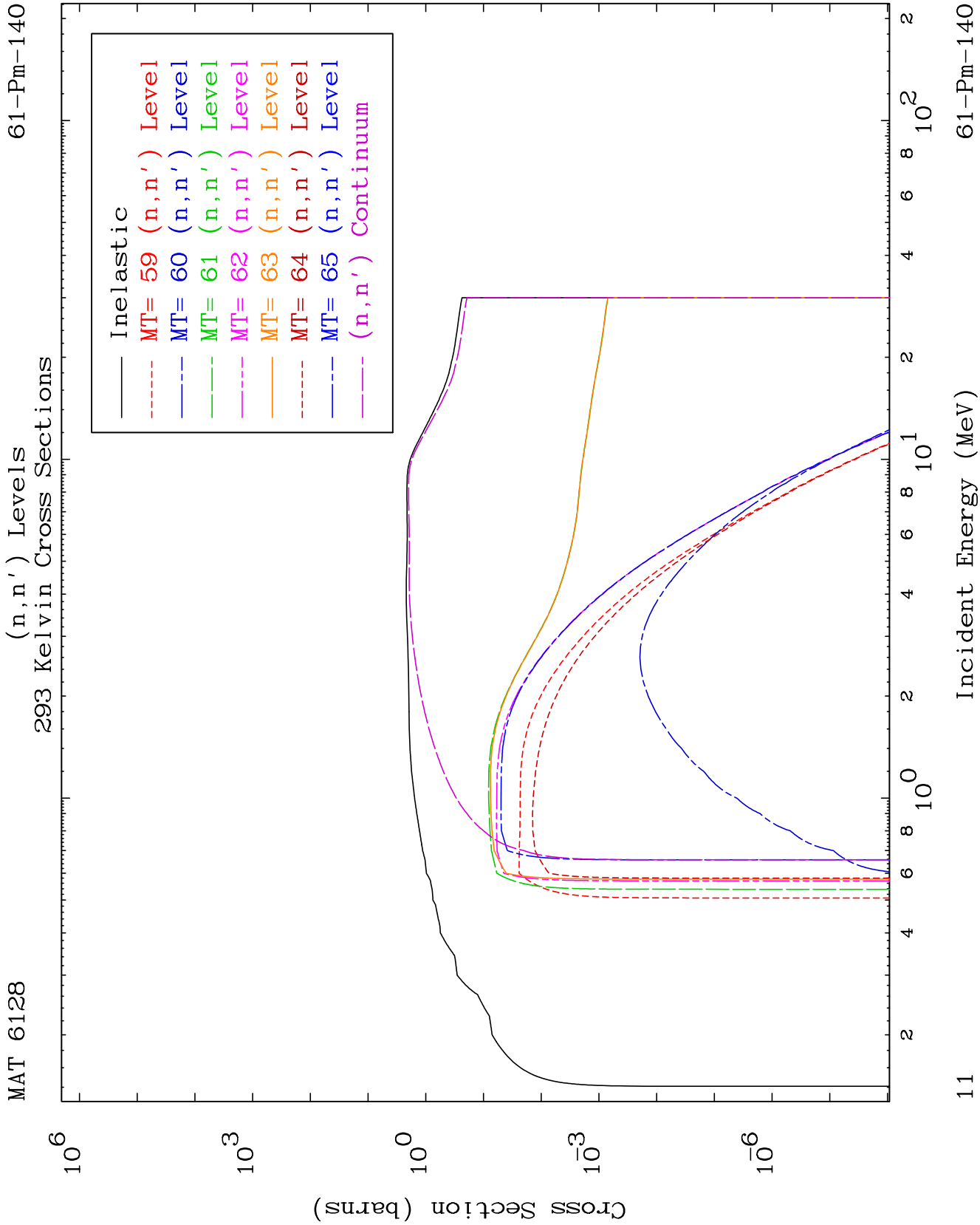
MAT 6128

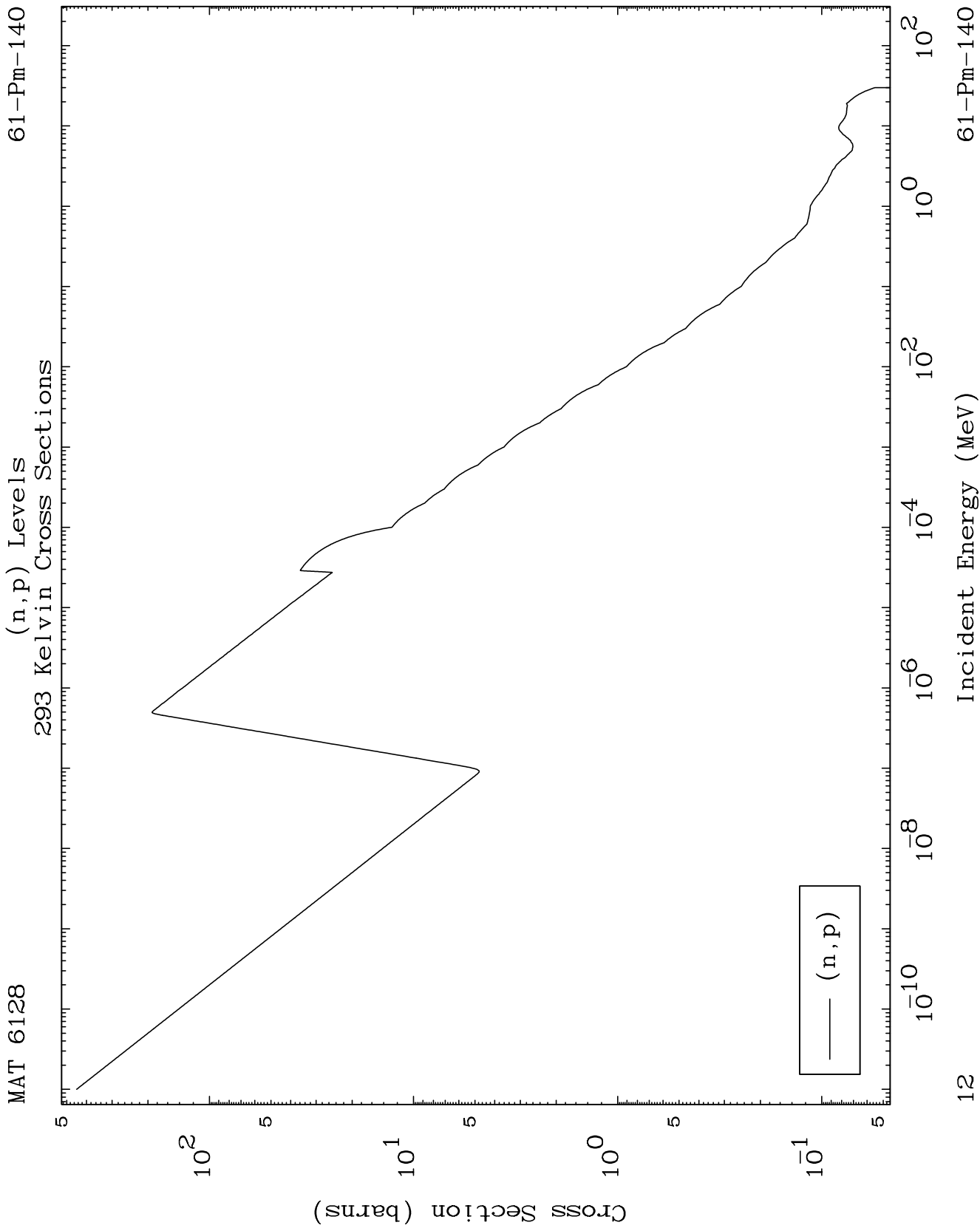
Particle Production
293 Kelvin Cross Sections

61-Pm-140





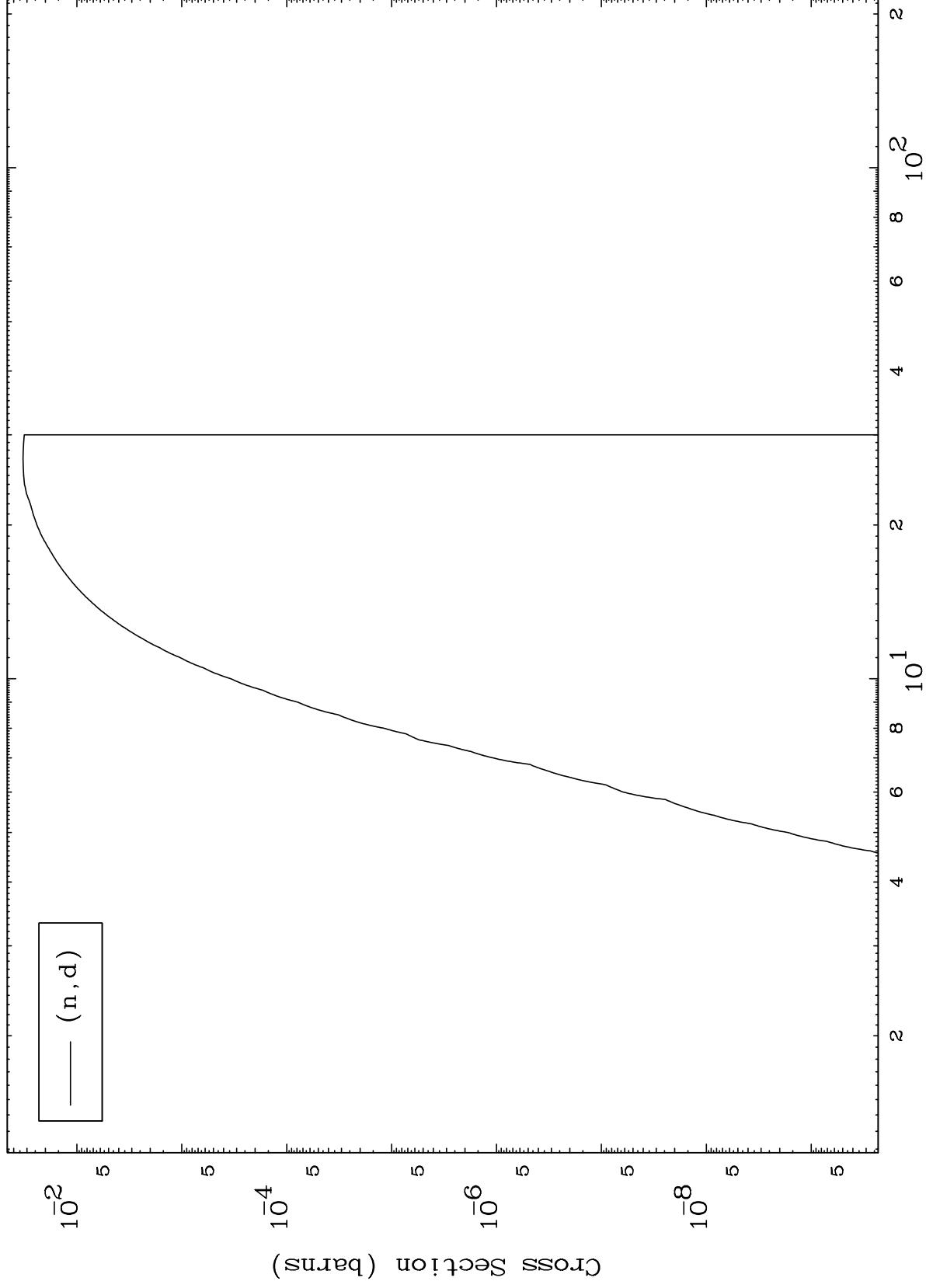




MAT 6128

61-Pm-140

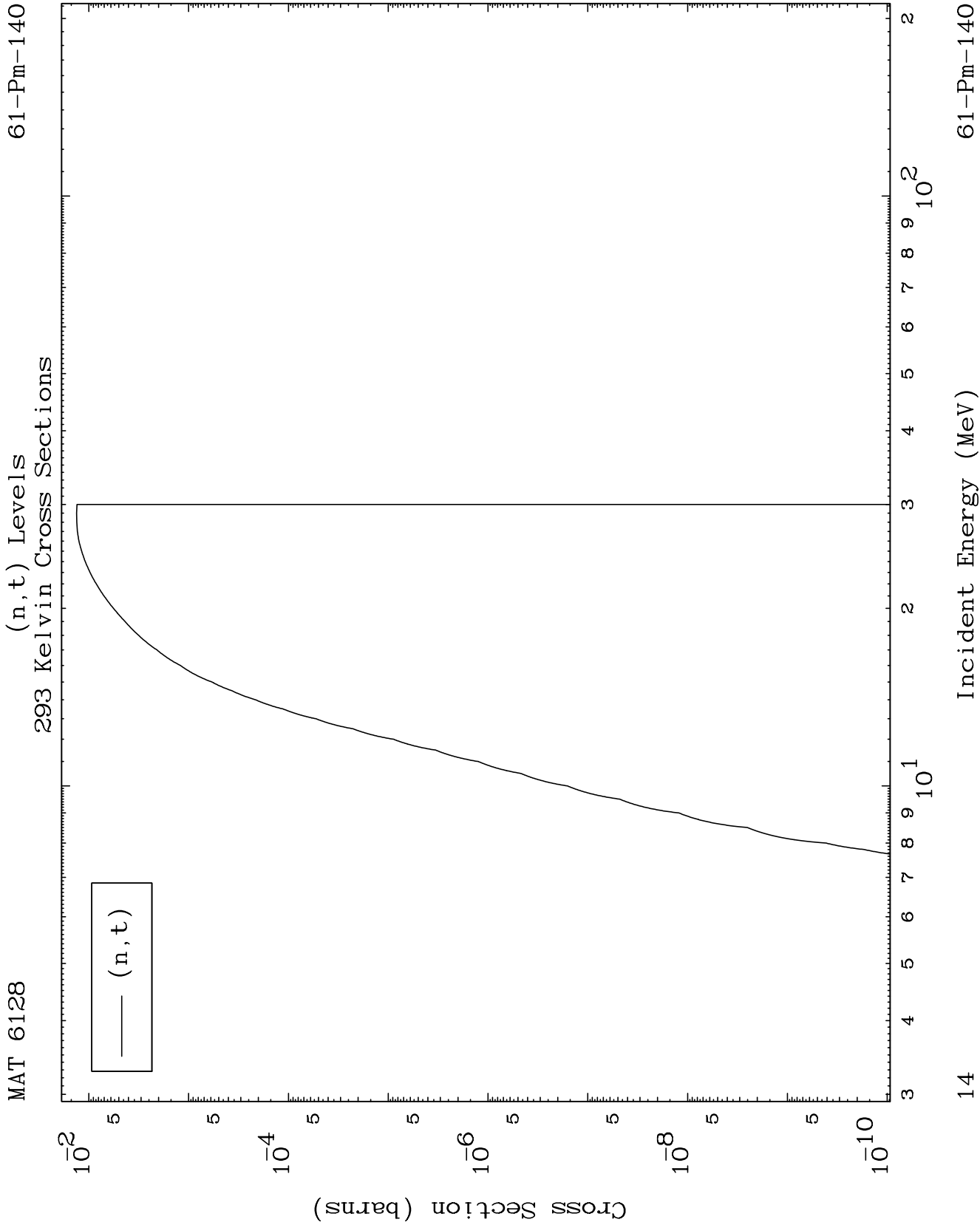
(n,d) Levels
293 Kelvin Cross Sections

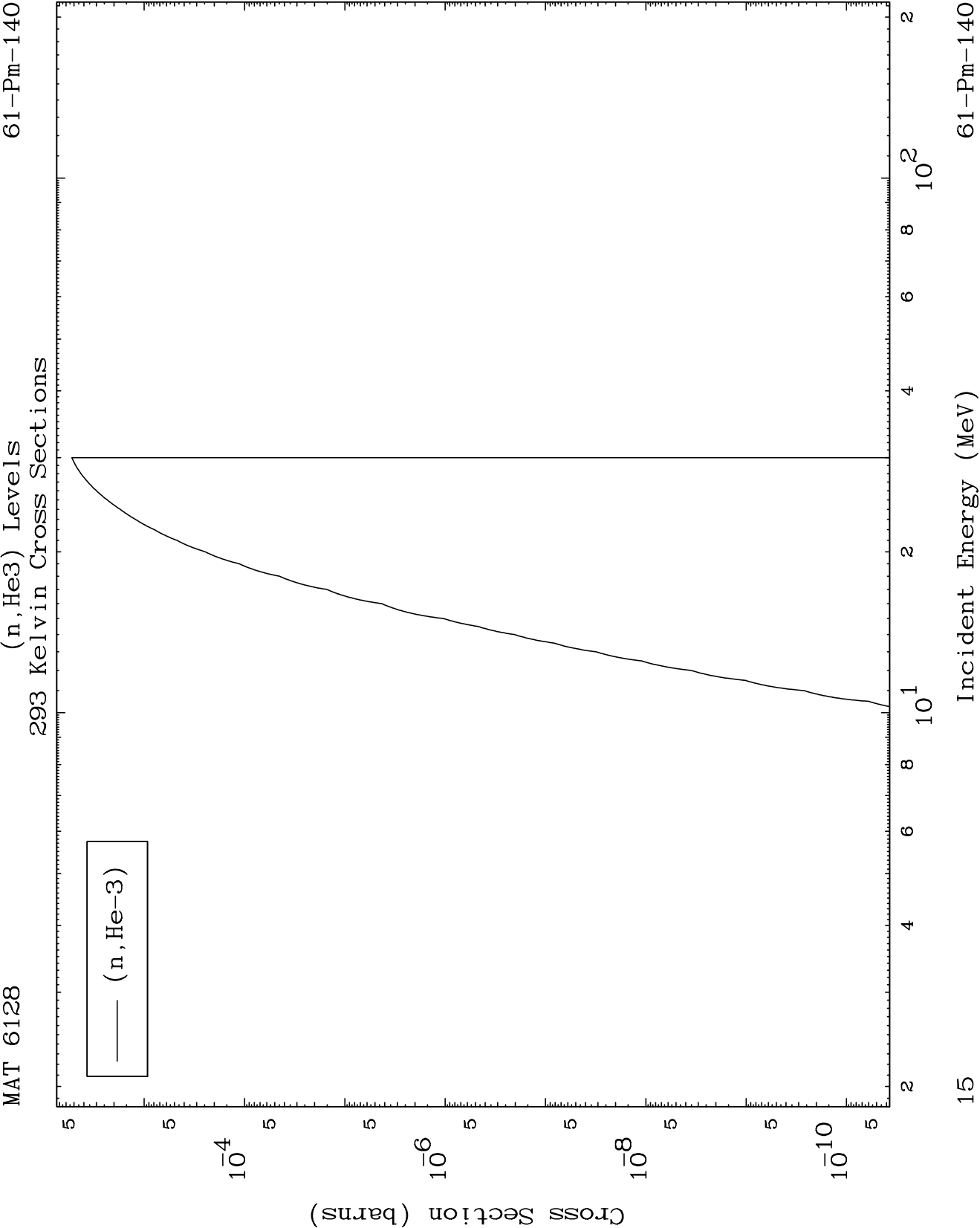


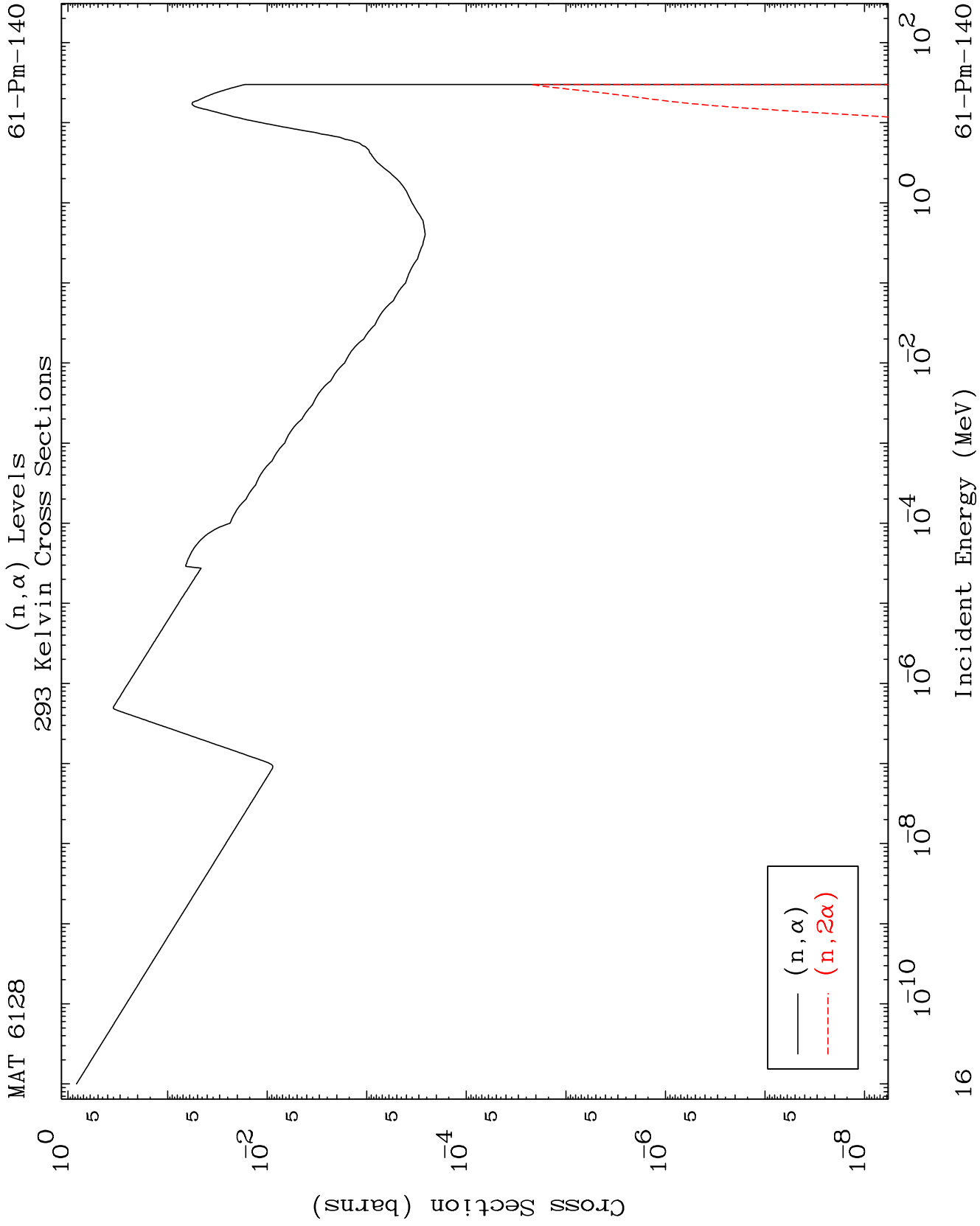
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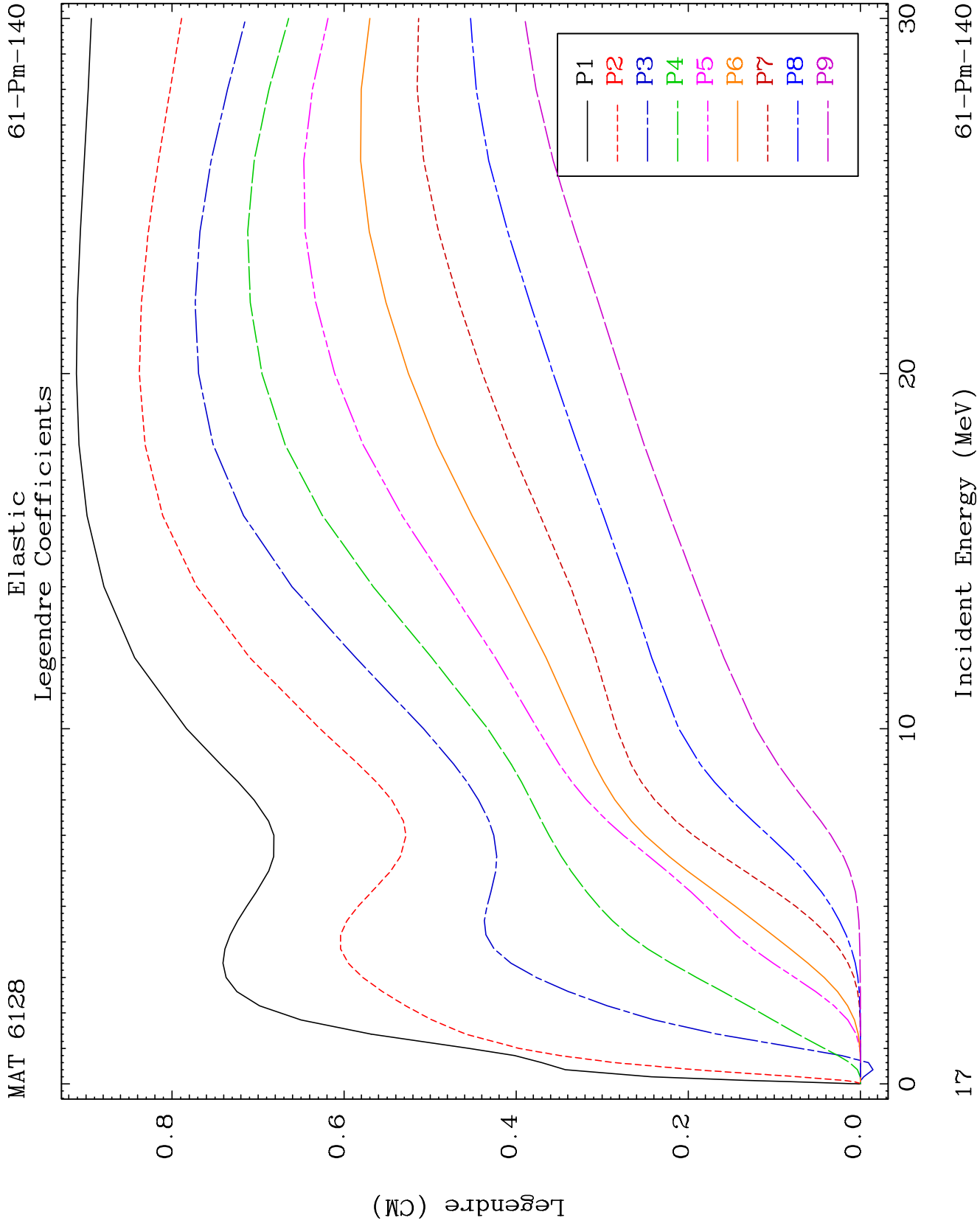
Incident Energy (MeV)

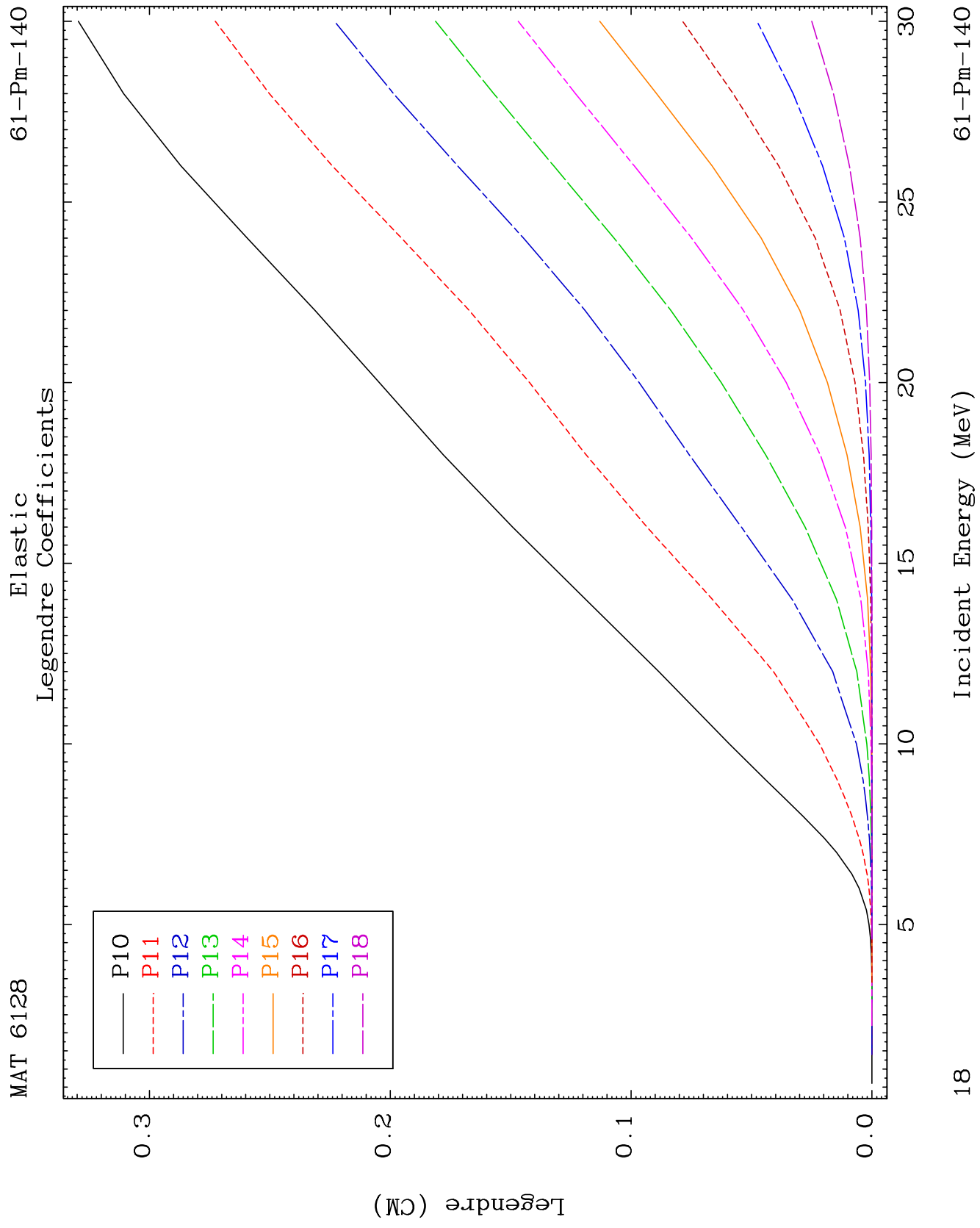
61-Pm-140

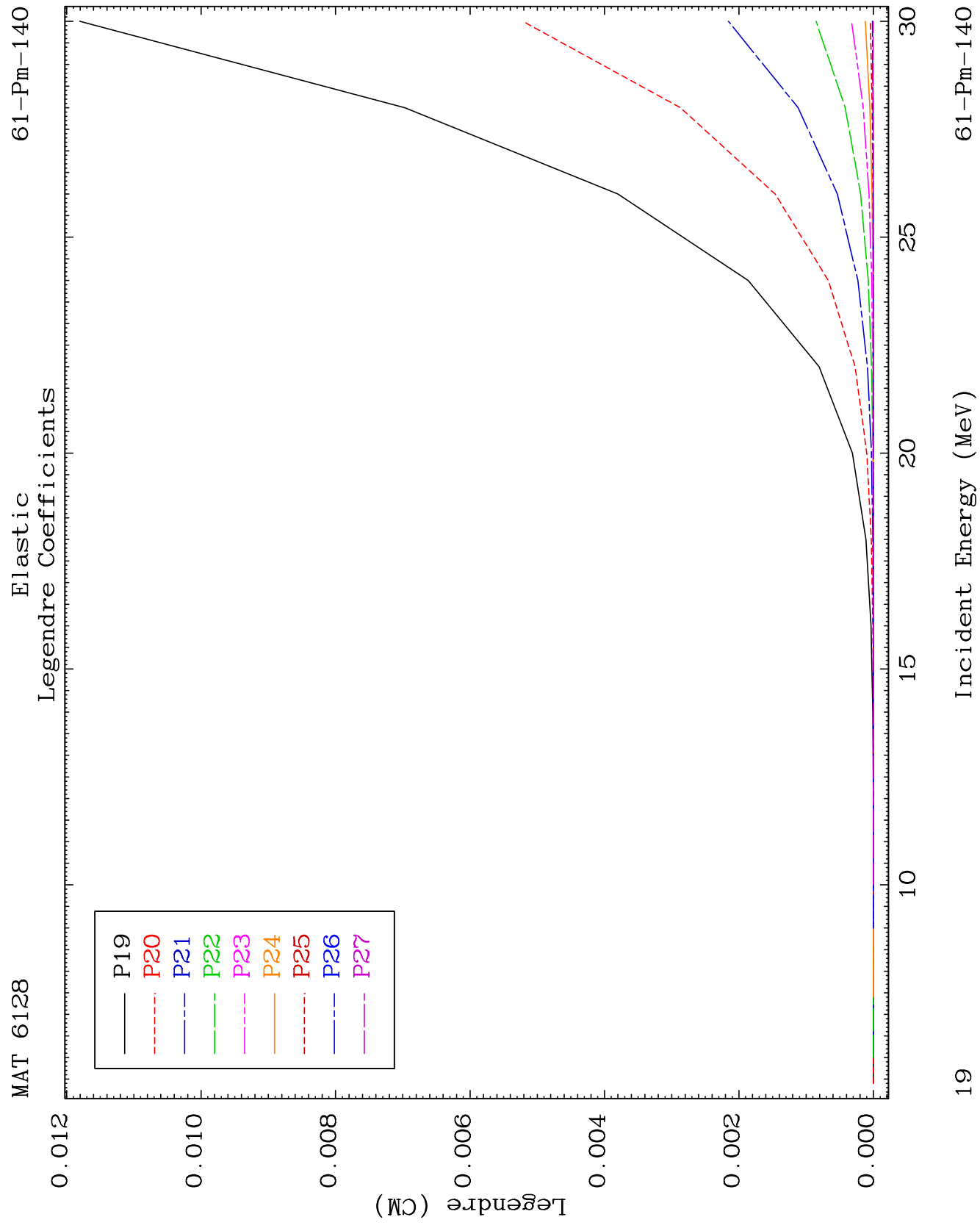


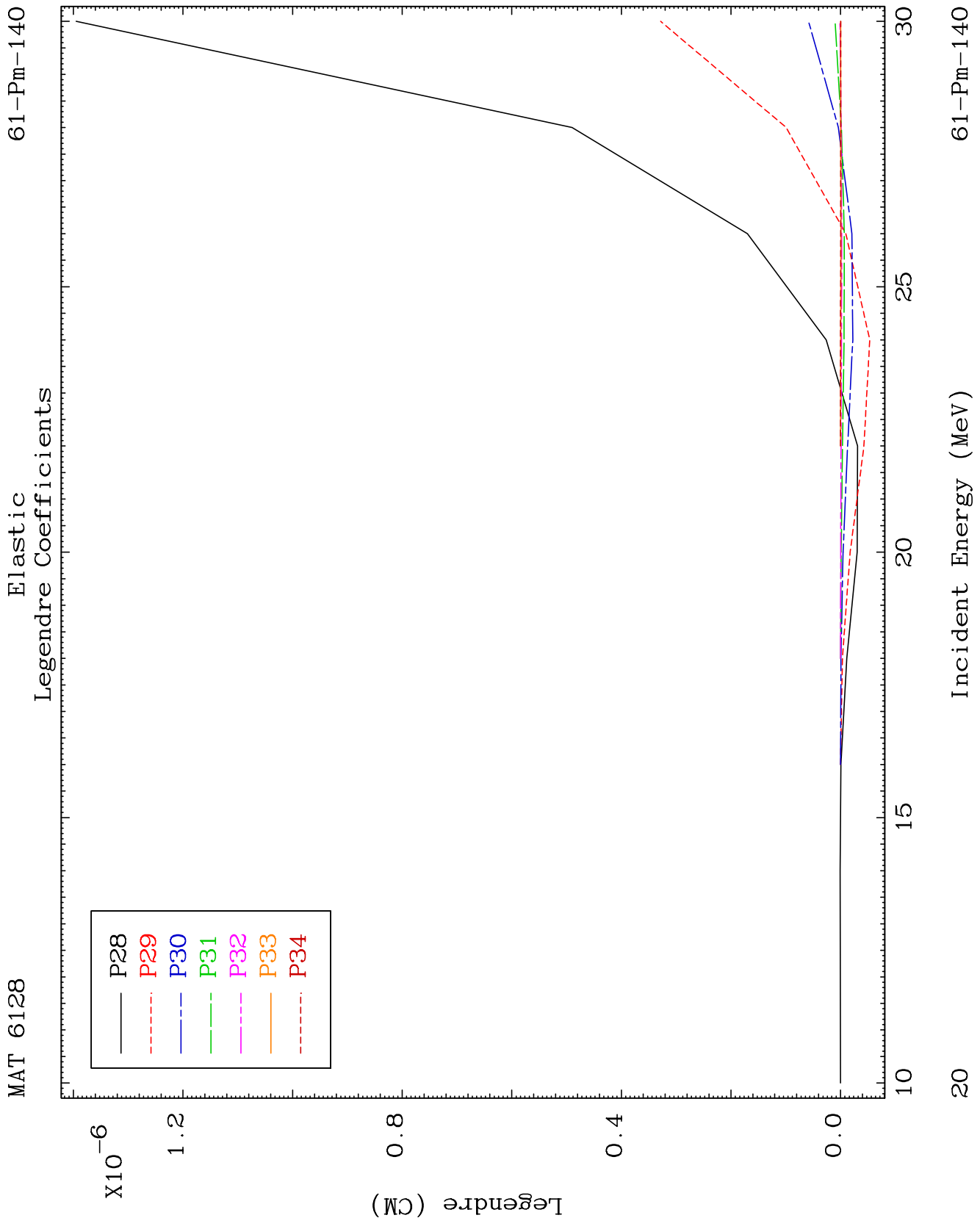


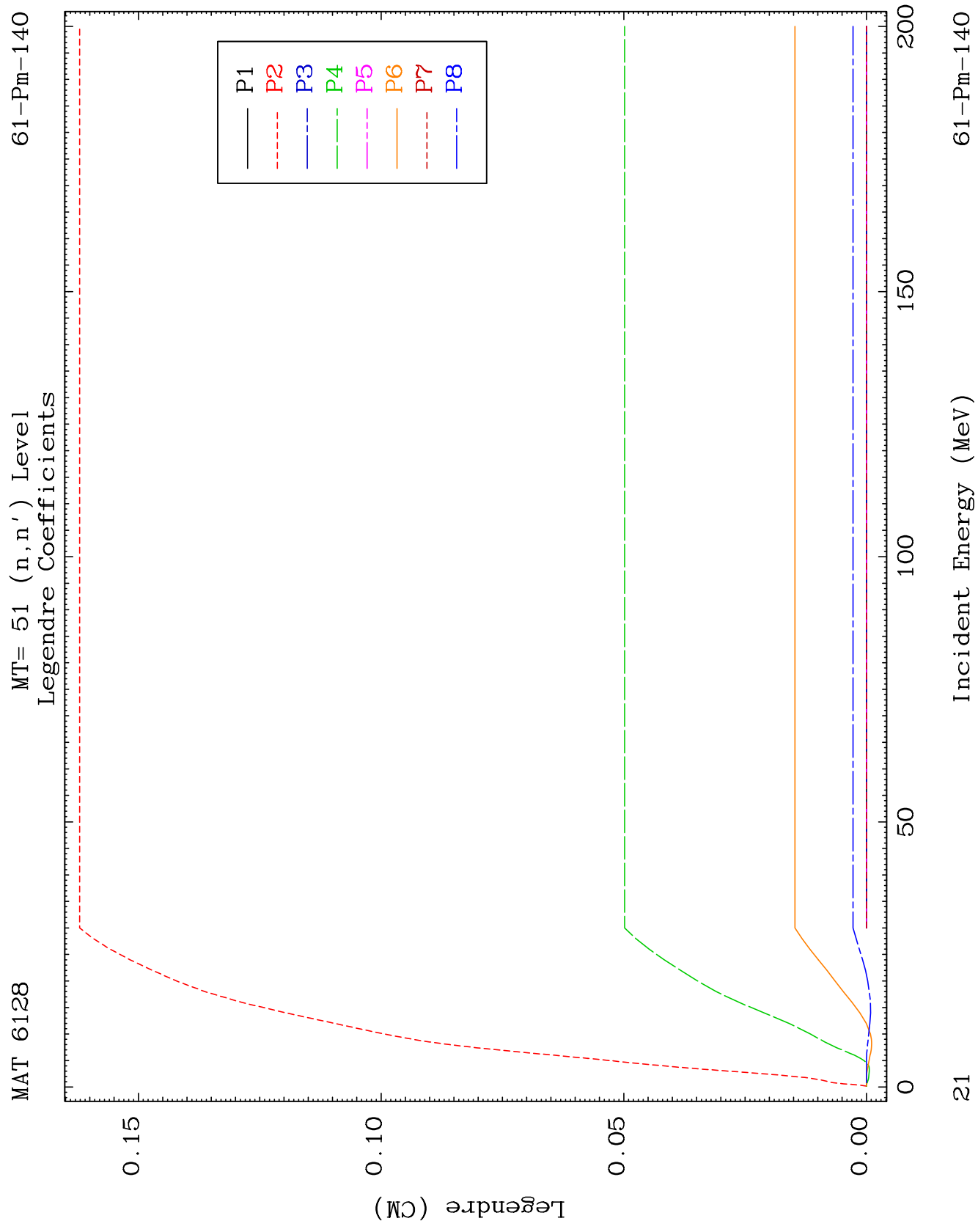


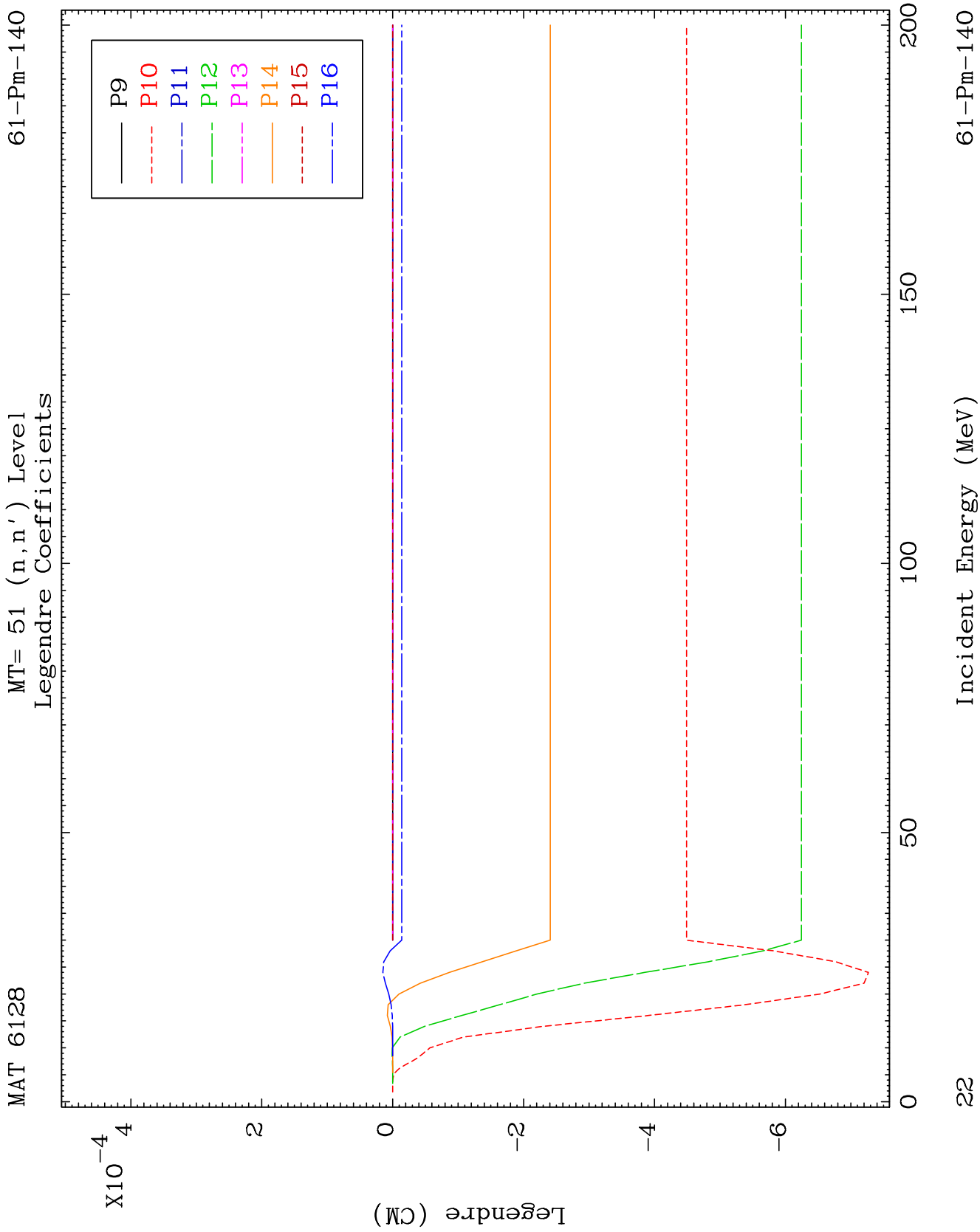


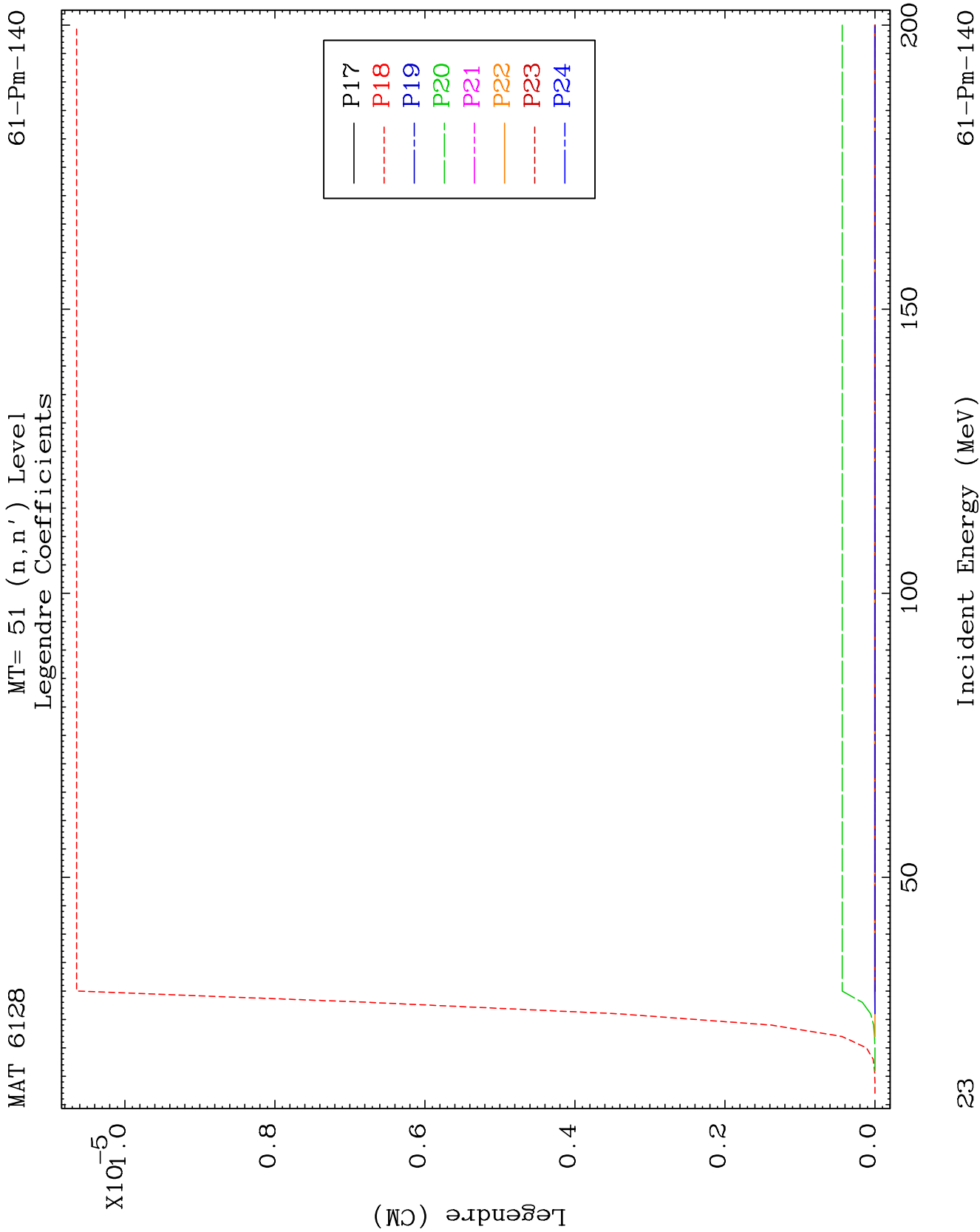


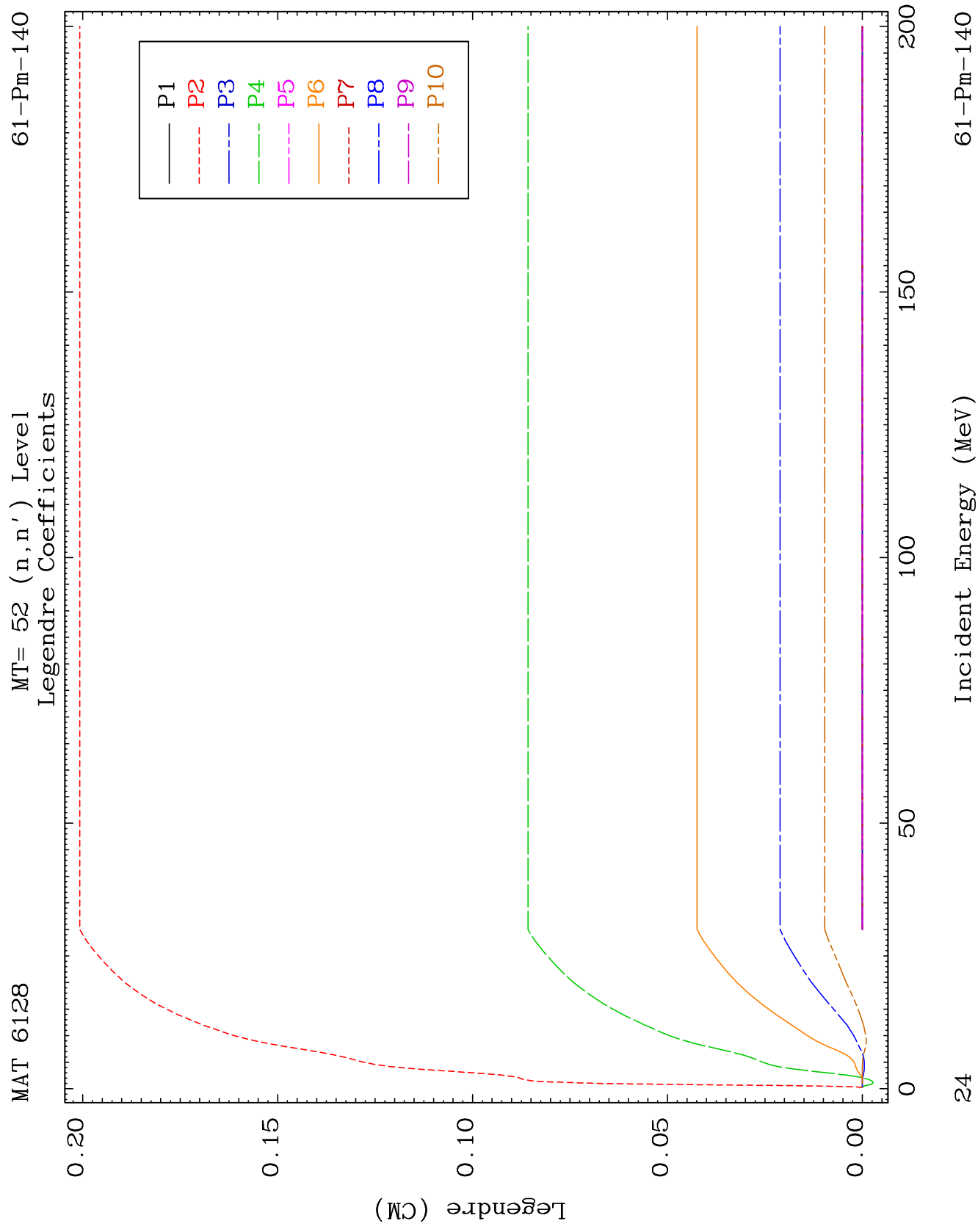


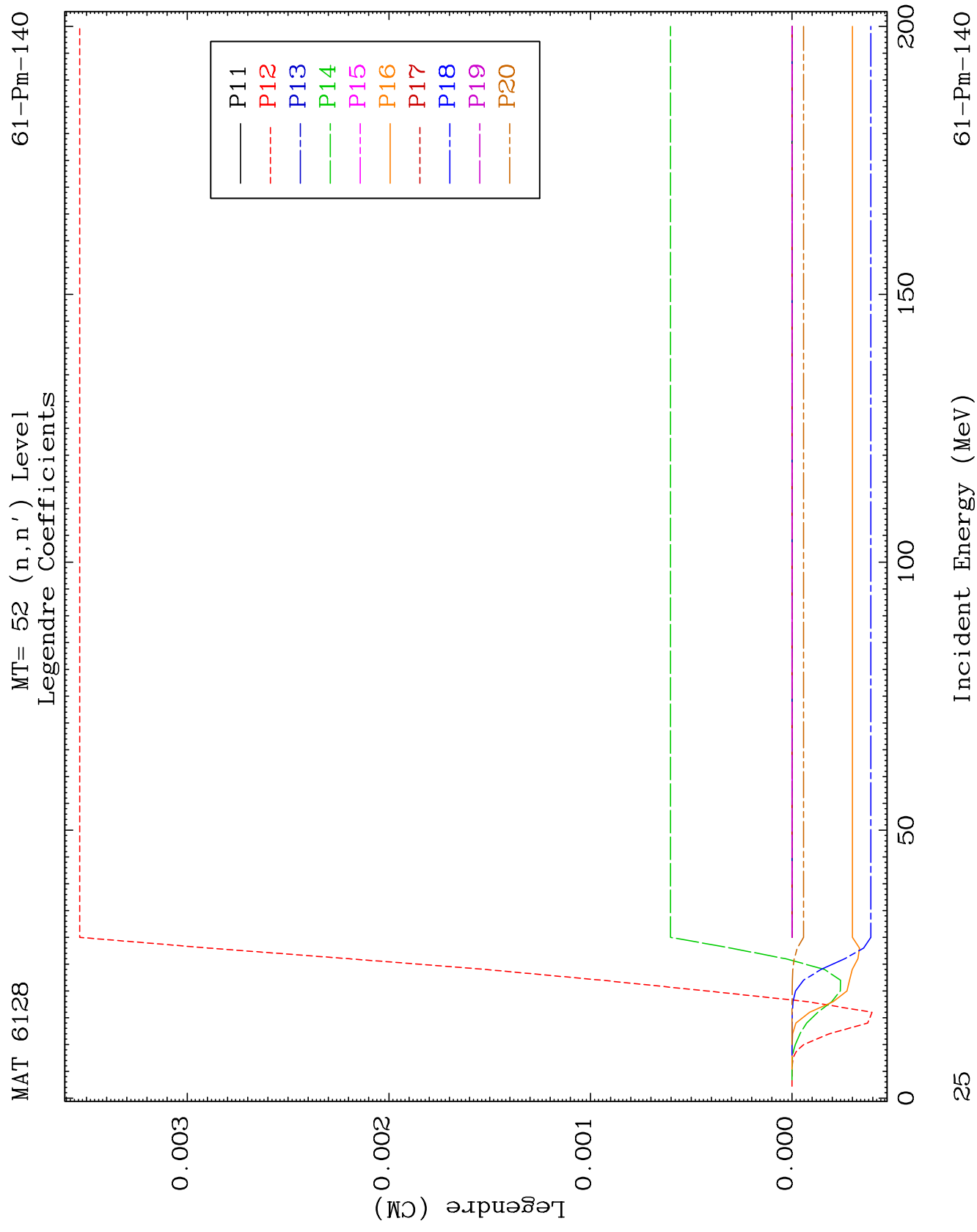








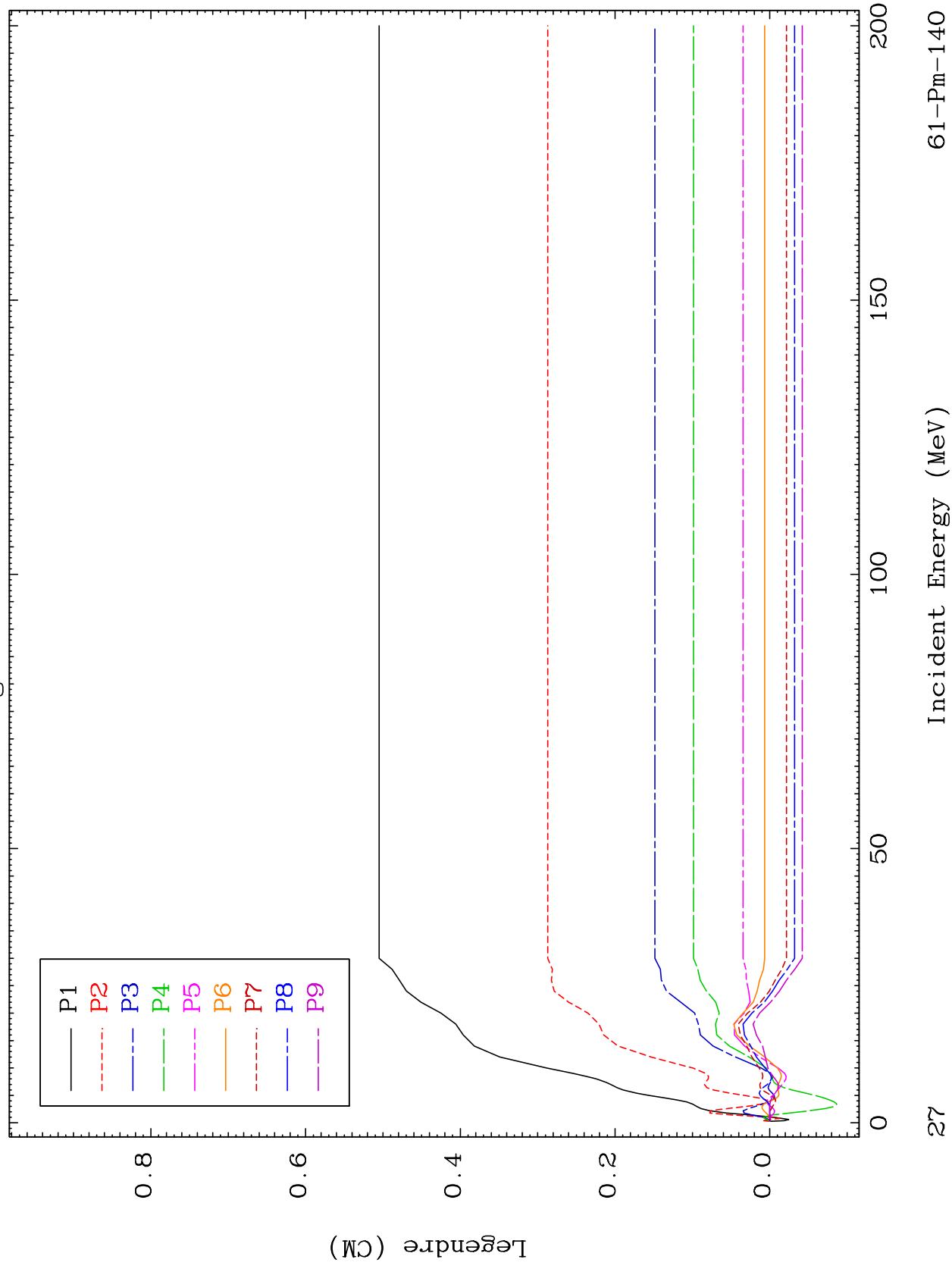


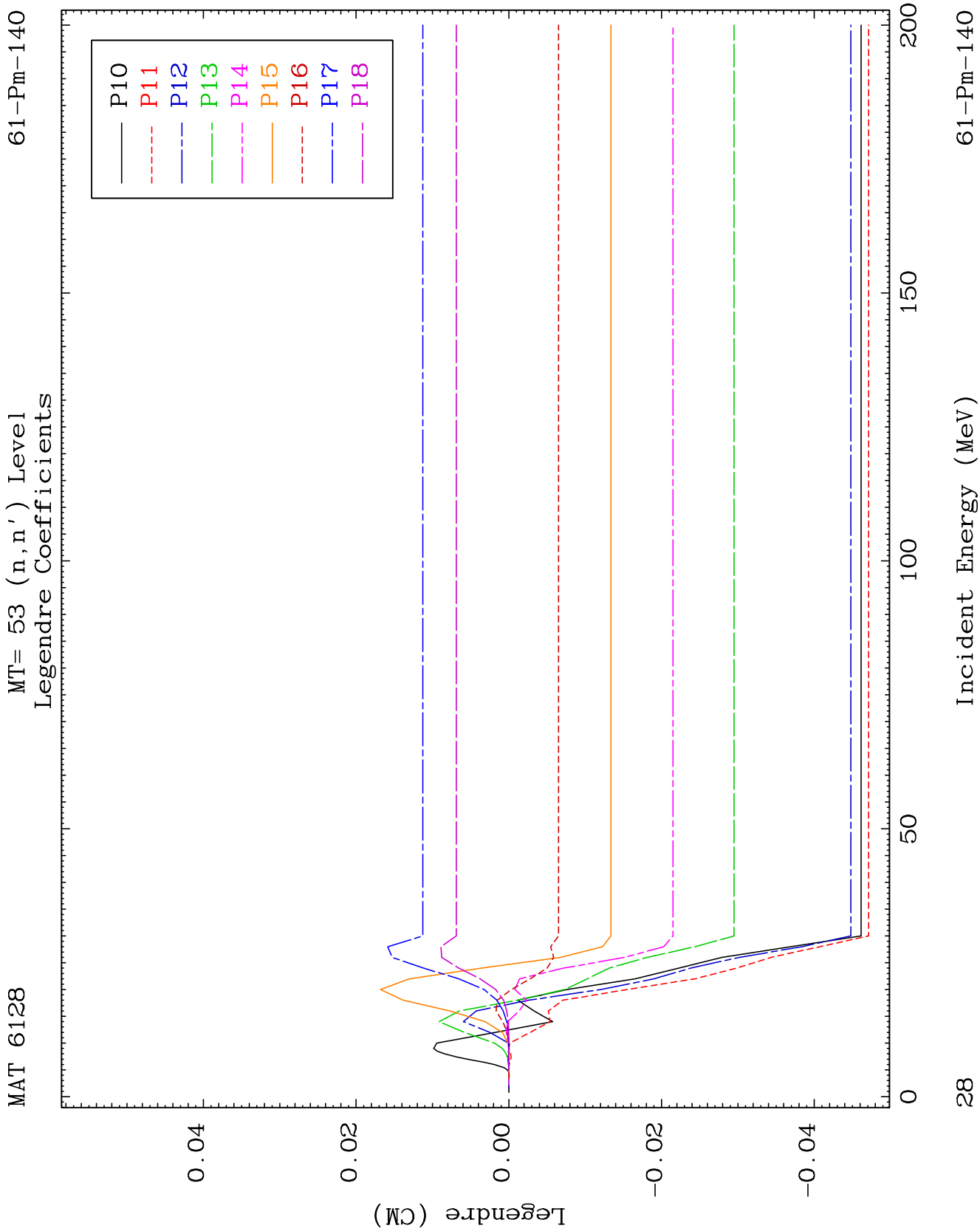


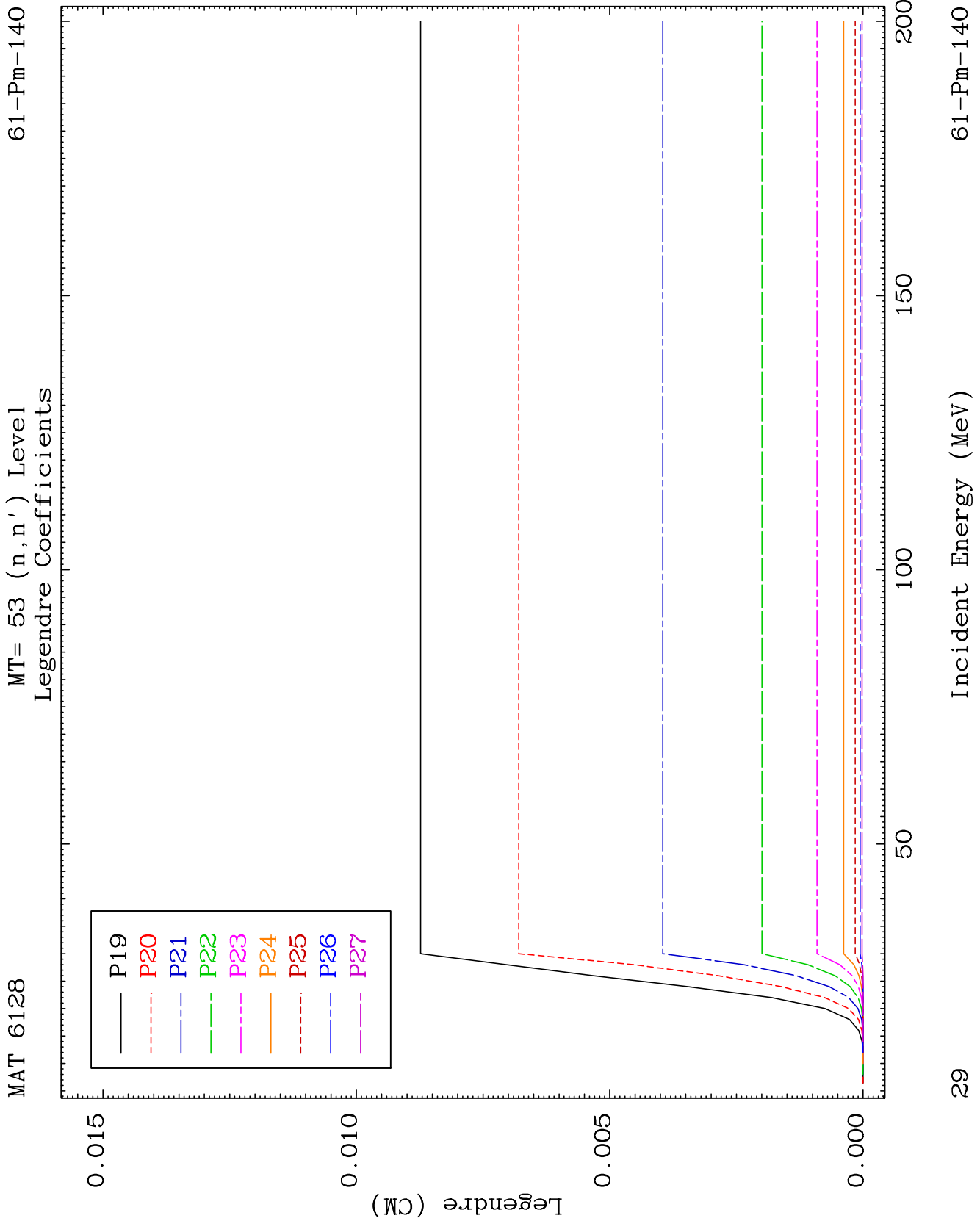
MAT 6128

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

61-Pm-140



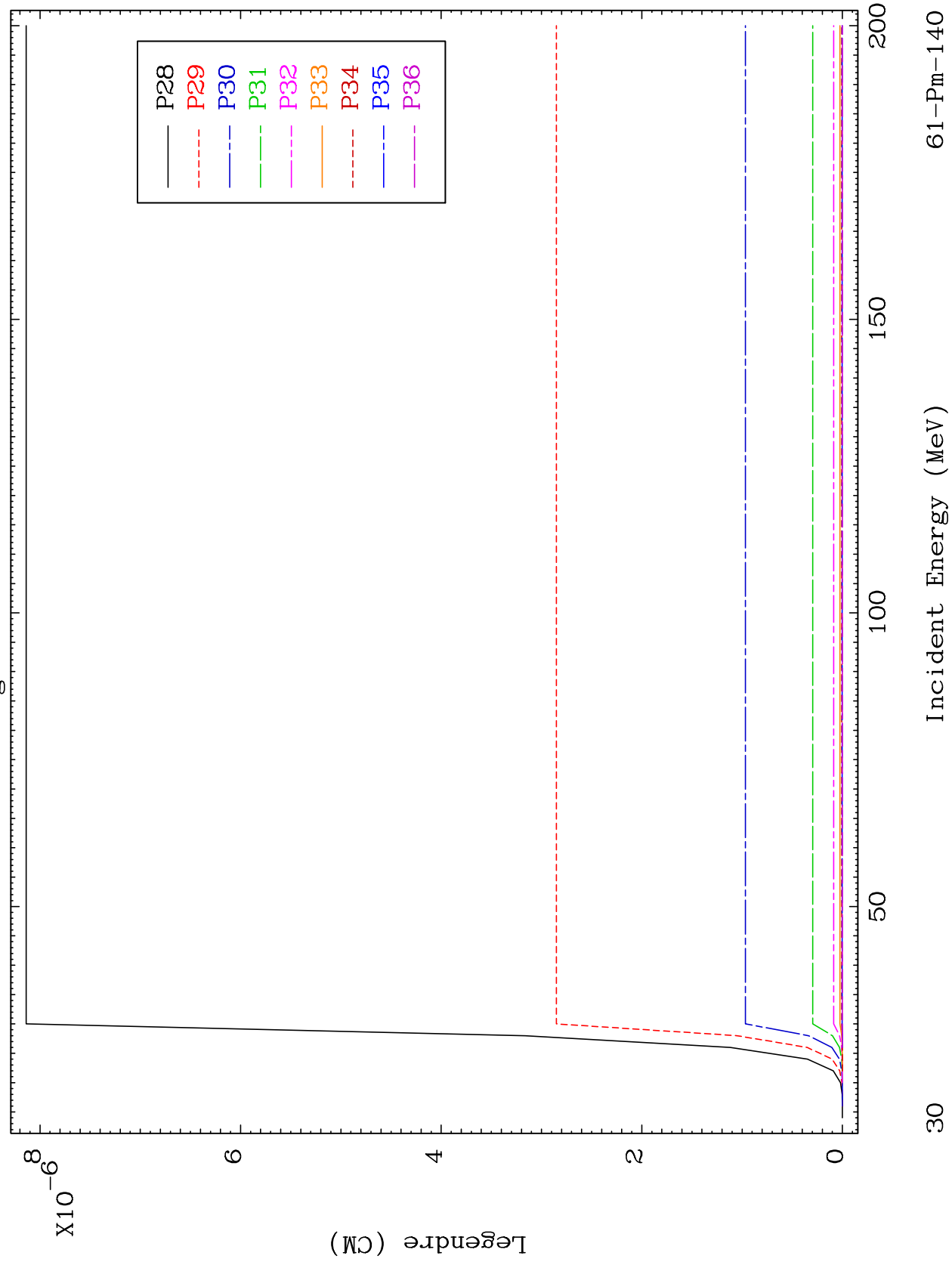


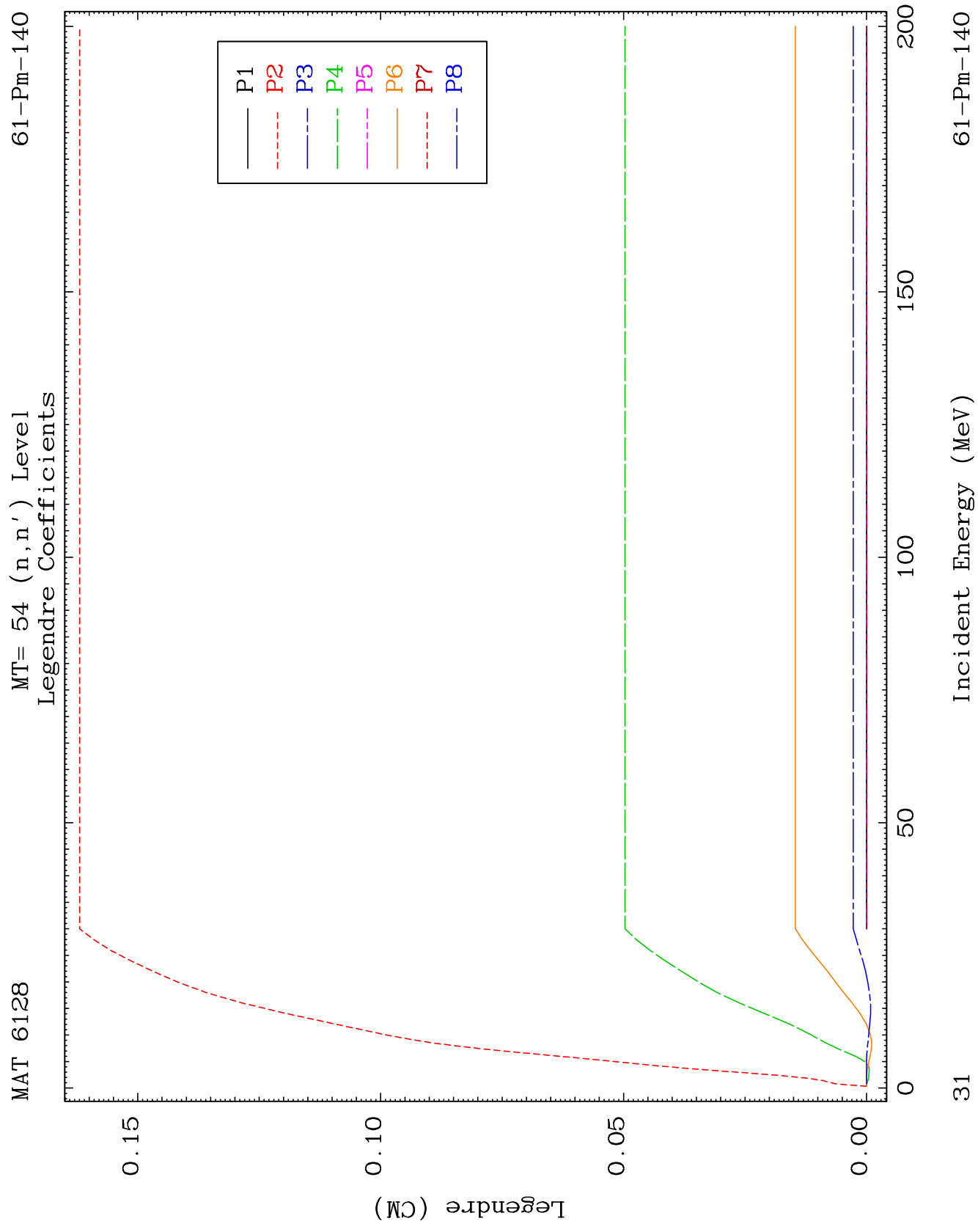


MAT 6128

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

61-Pm-140

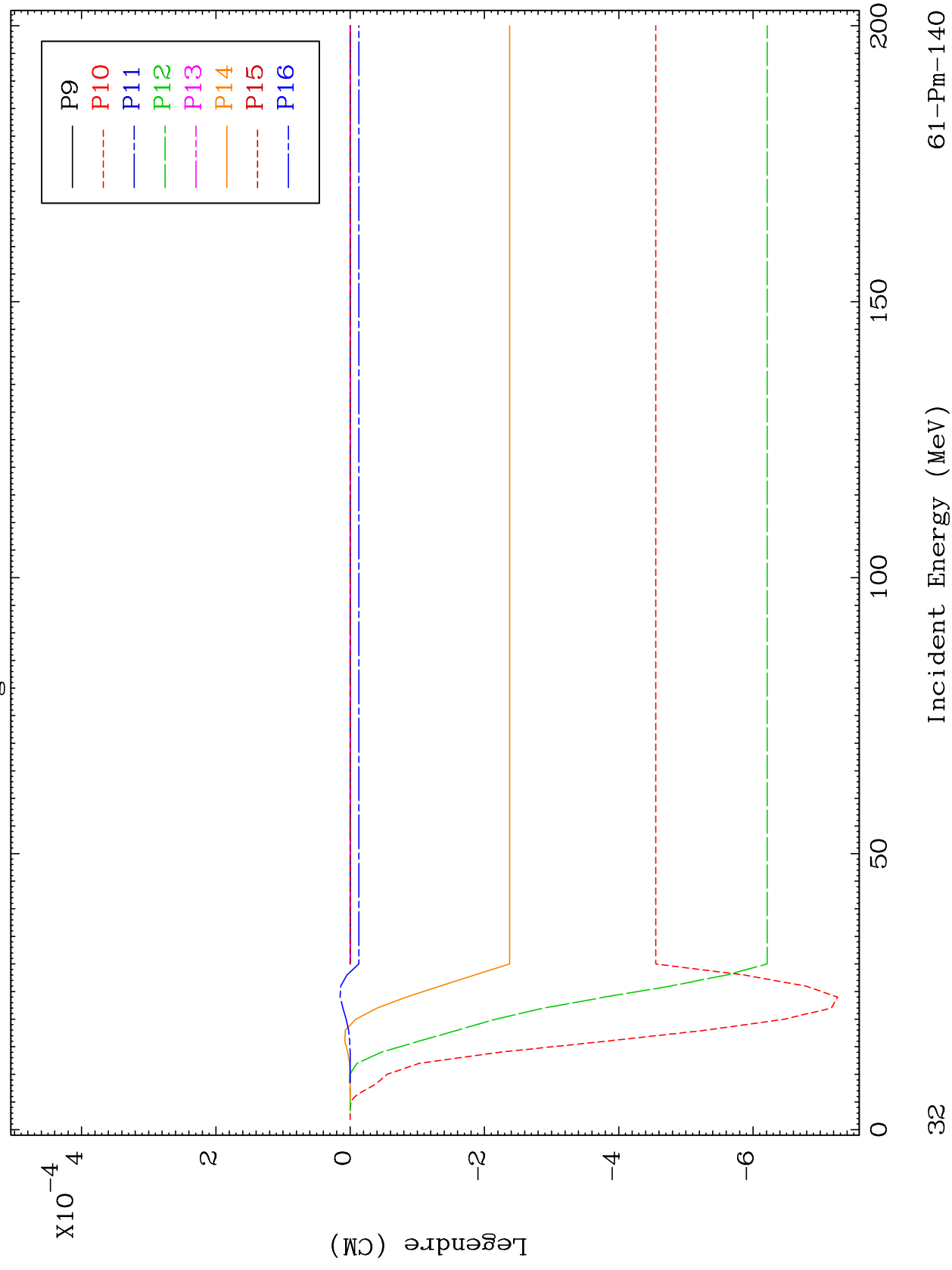


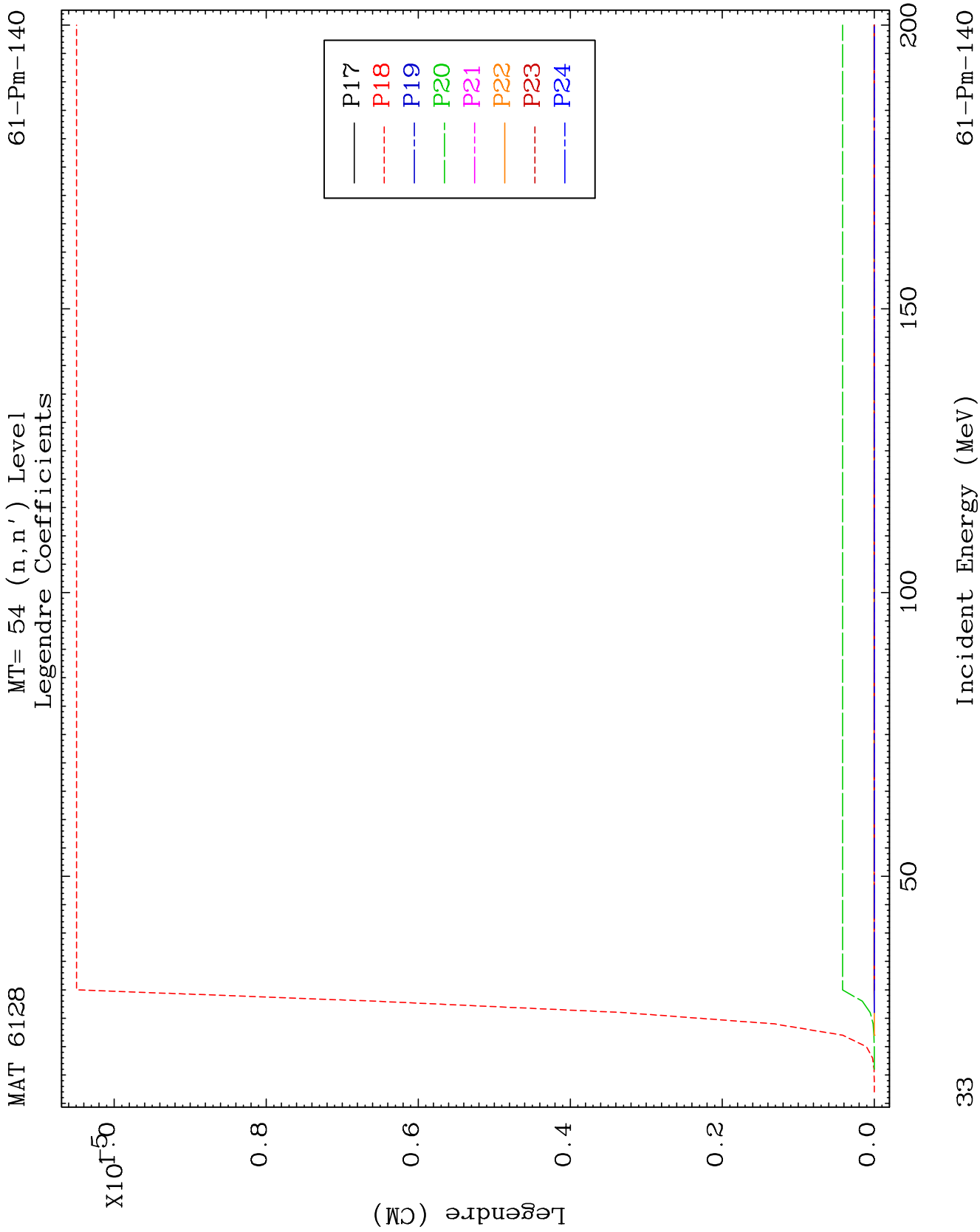


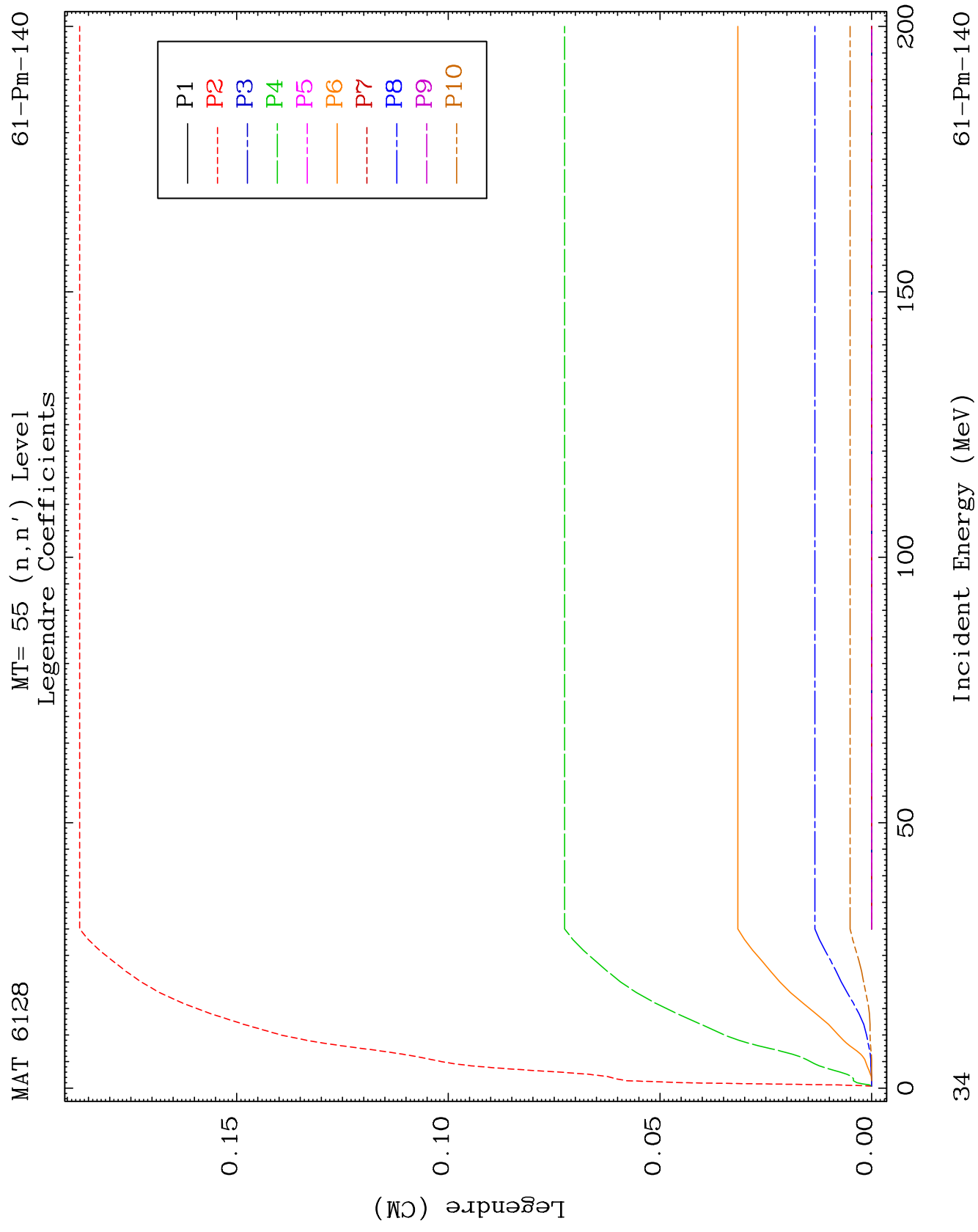
MAT 6128

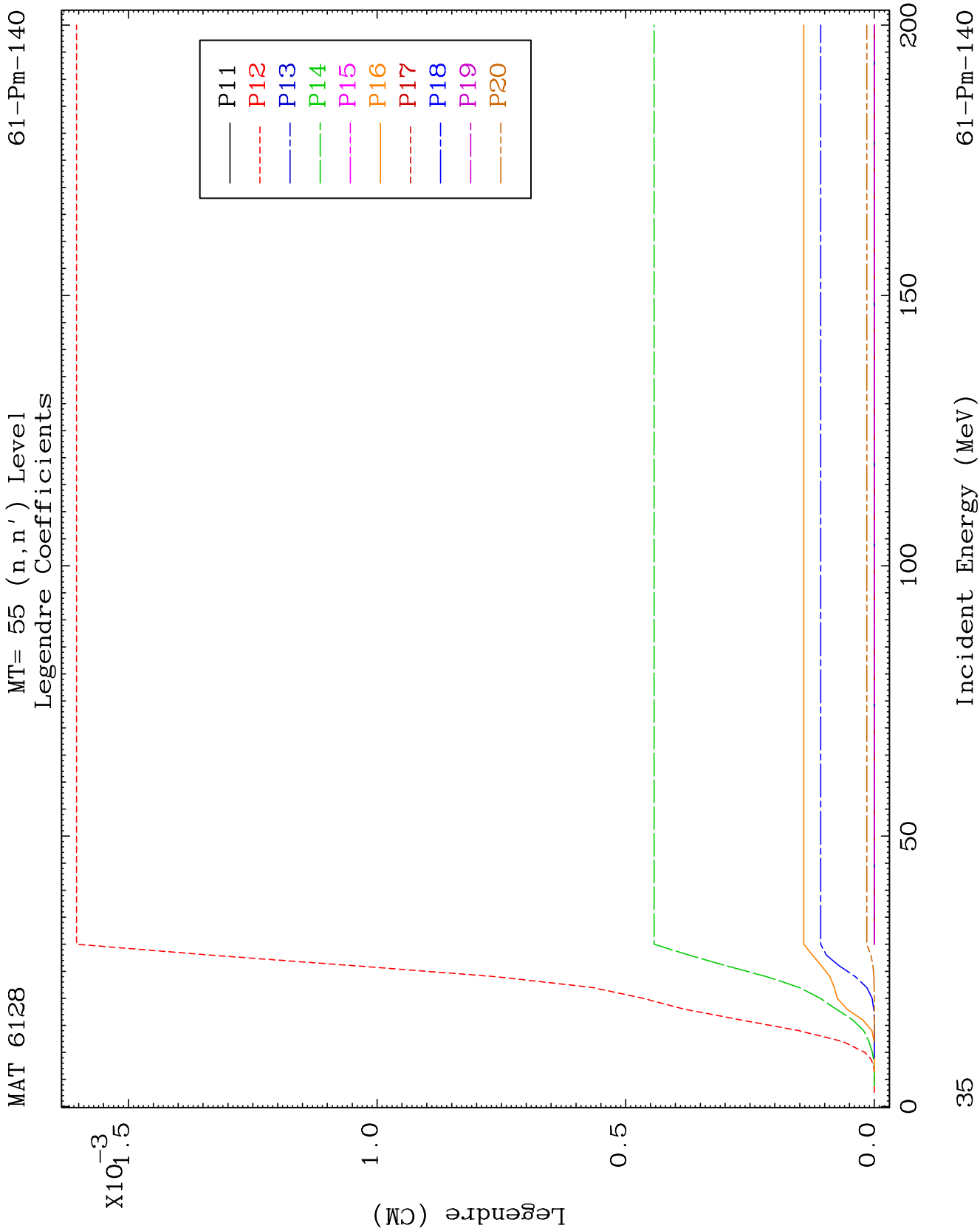
MT= 54 (n, n') Level
Legendre Coefficients

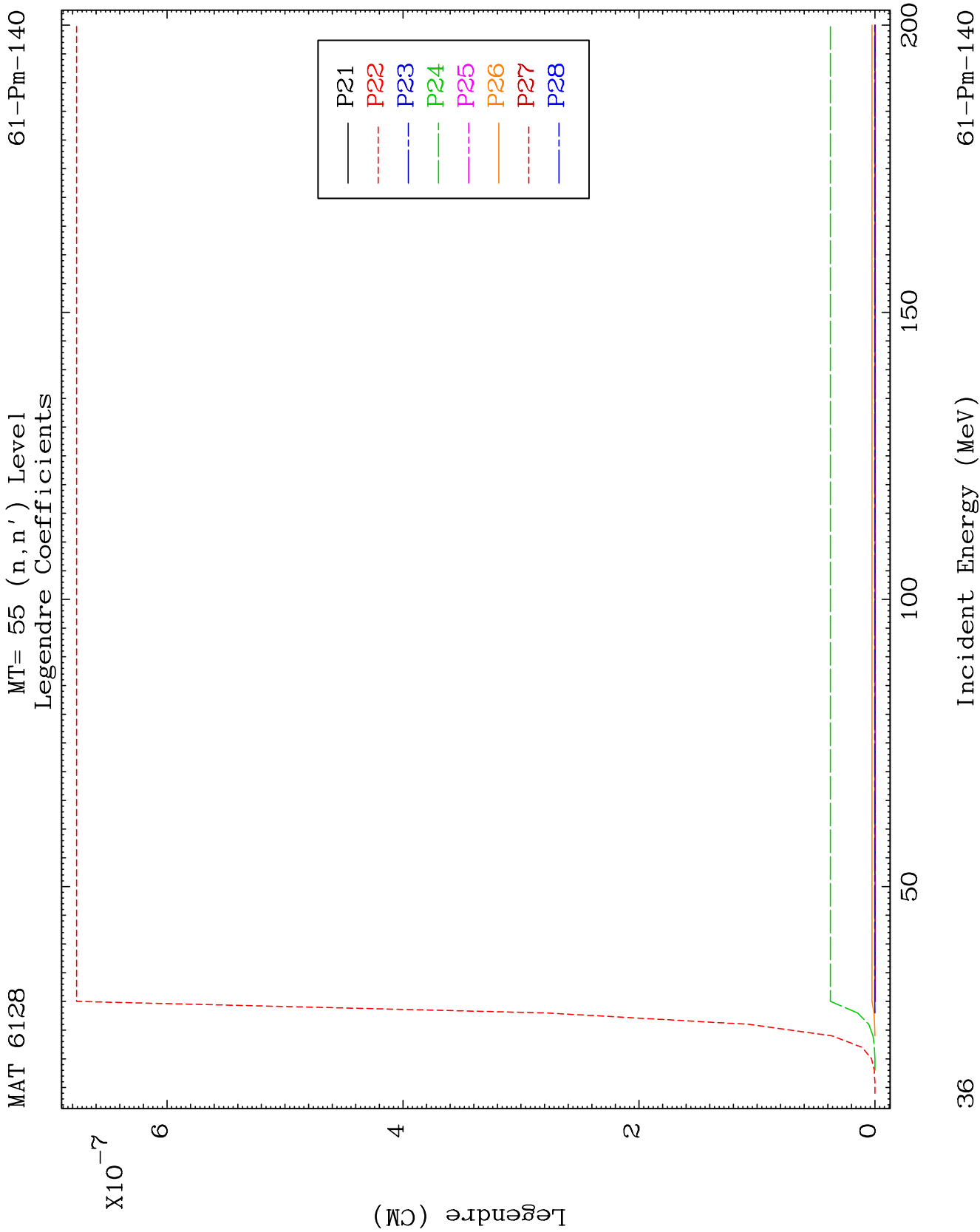
61-Pm-140







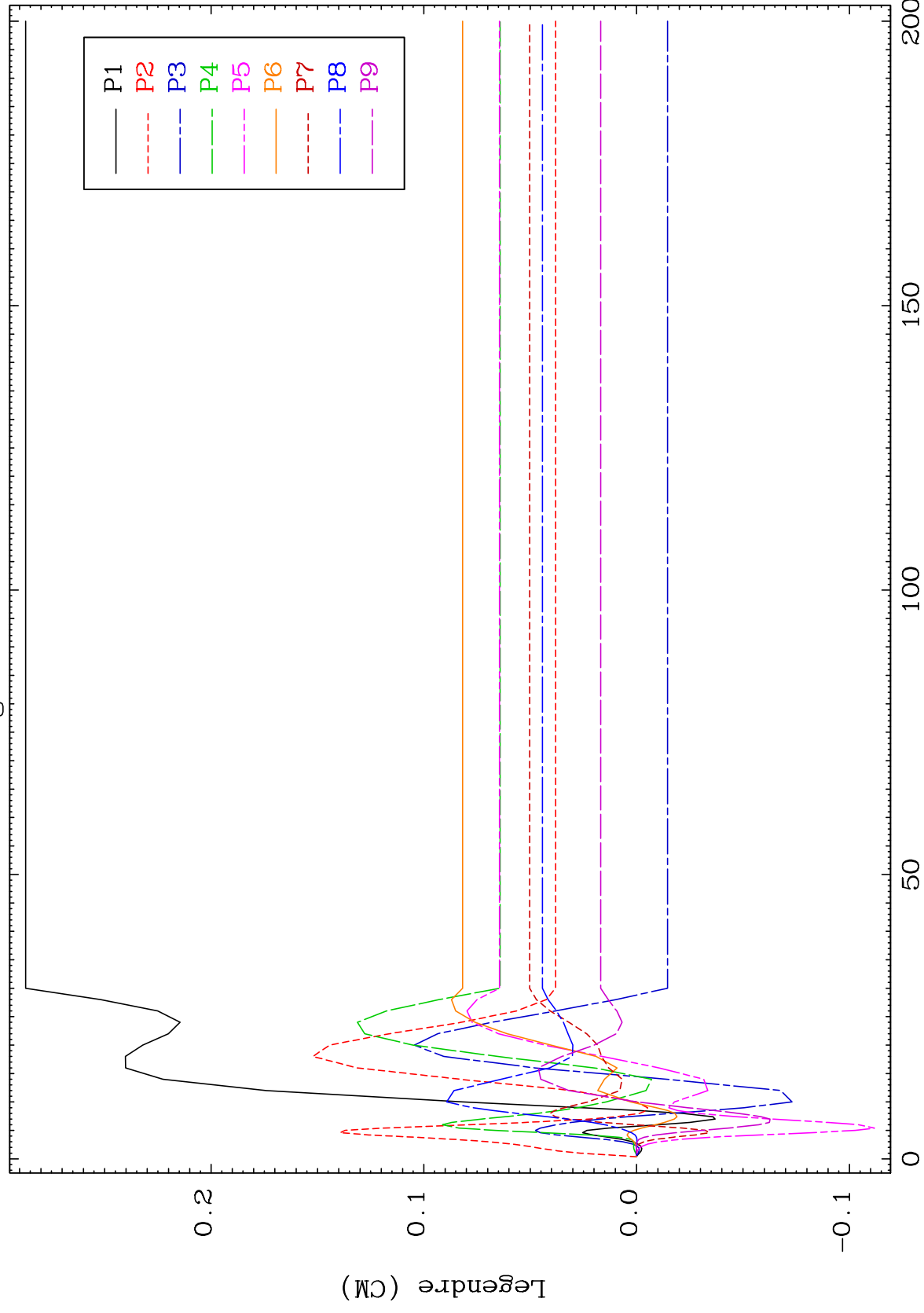




MAT 6128

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

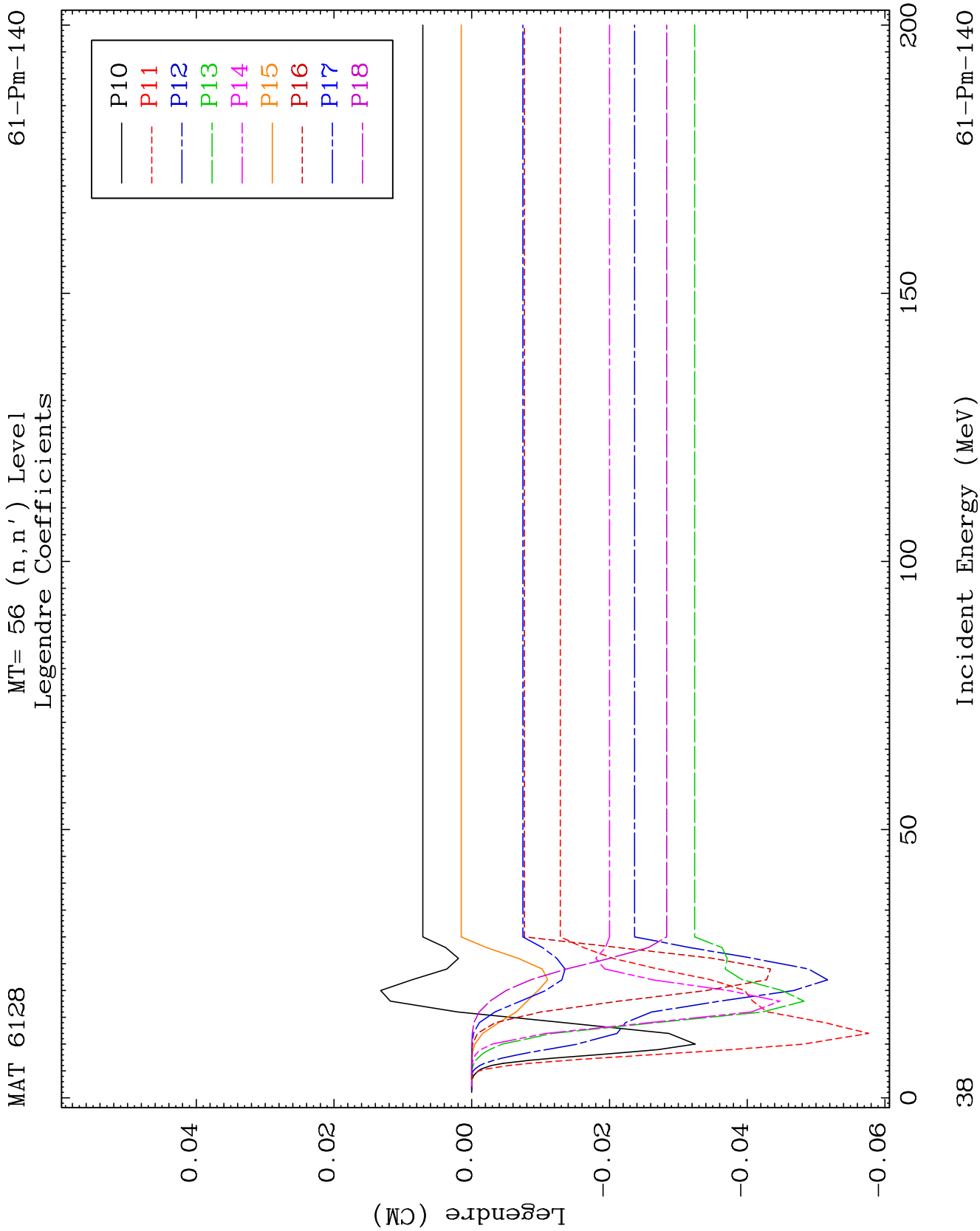
61-Pm-140

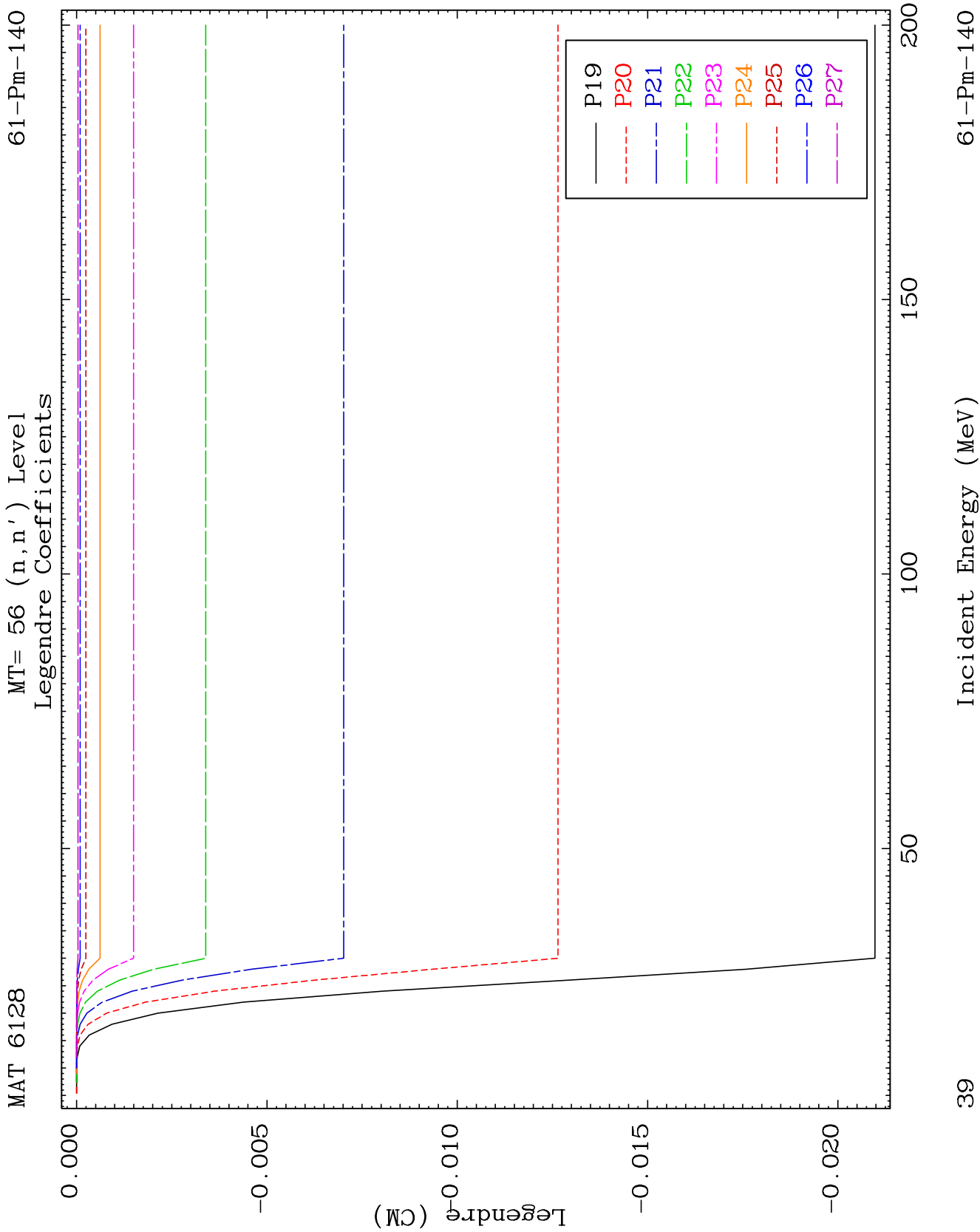


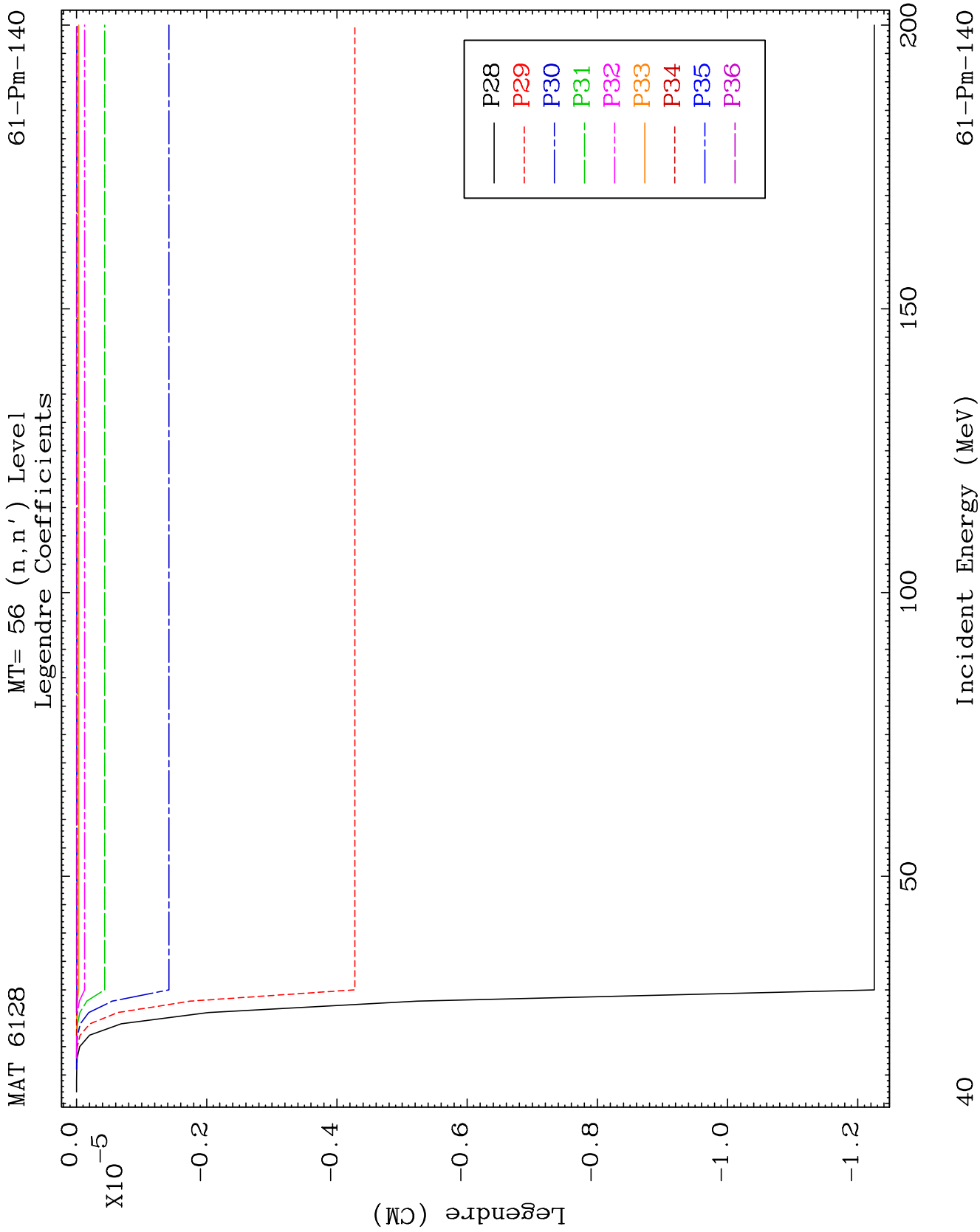
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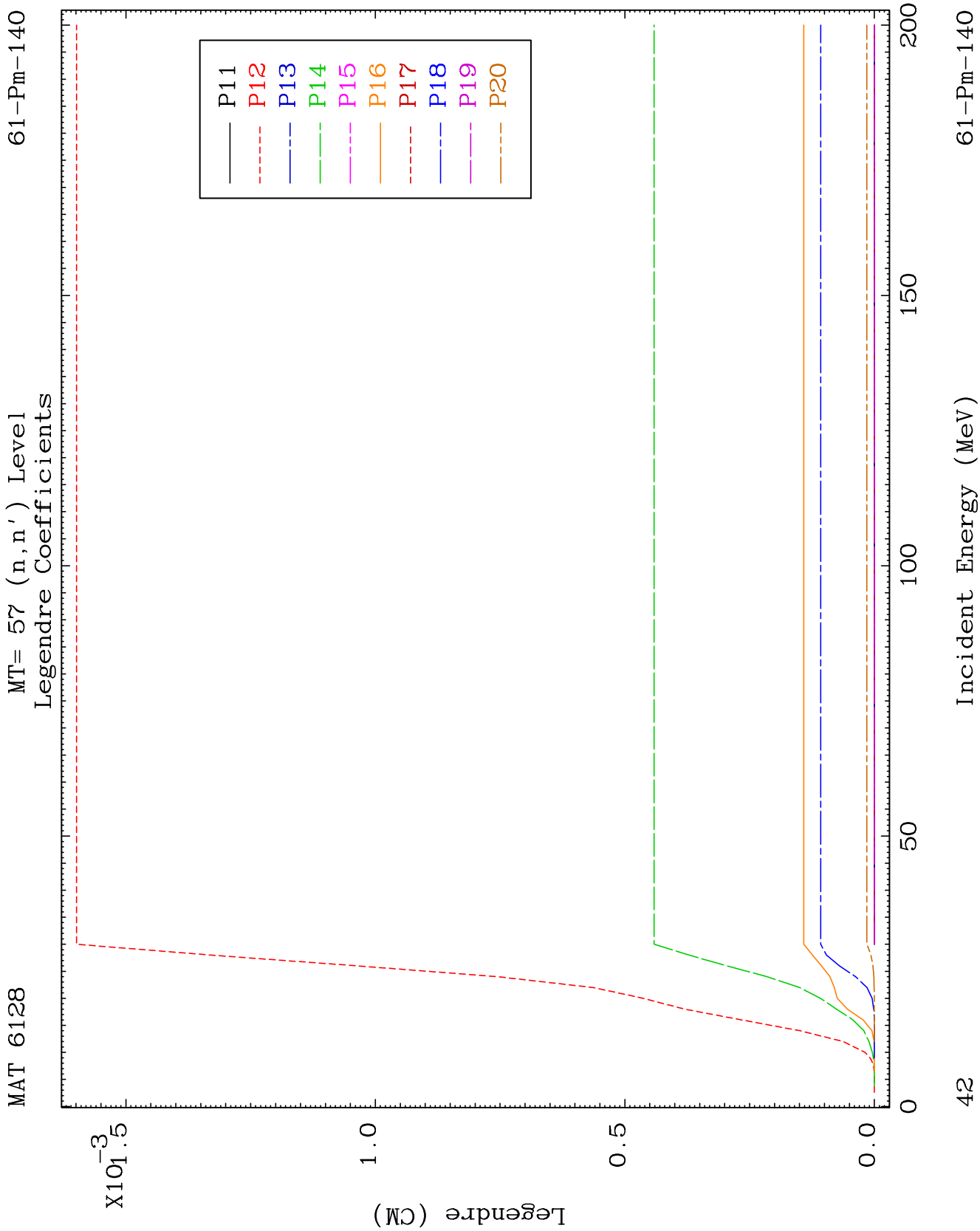
Incident Energy (MeV)

61-Pm-140





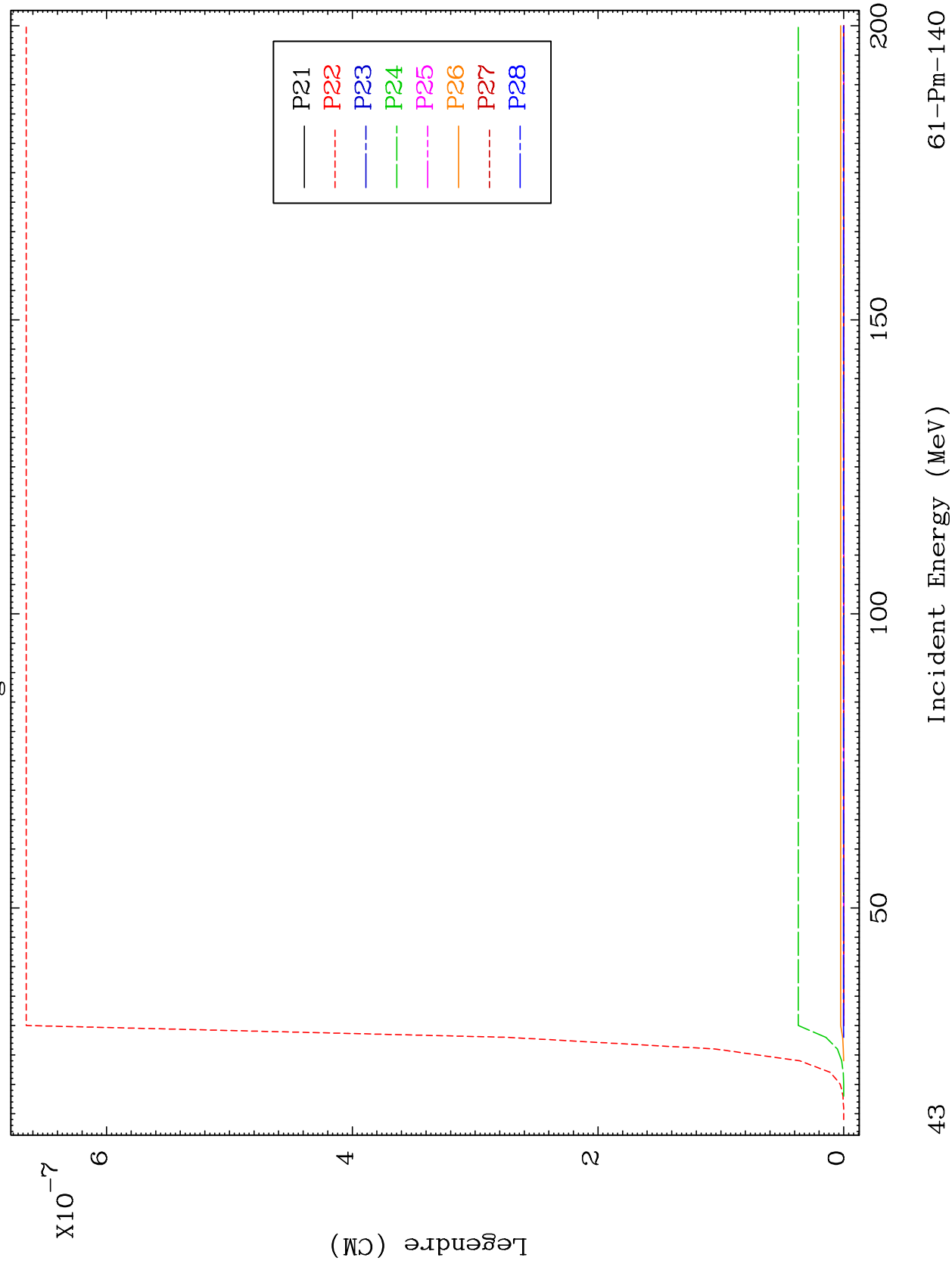


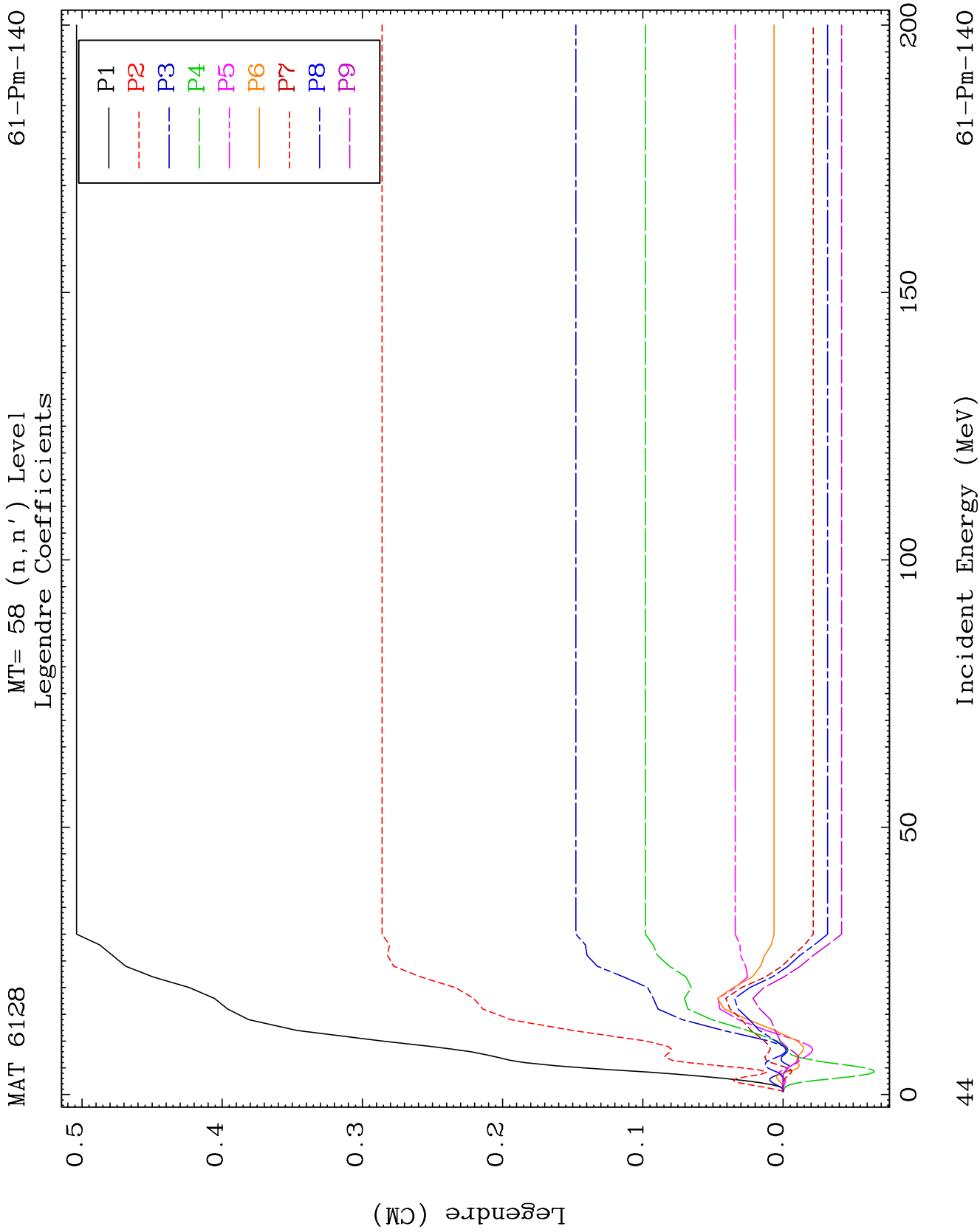


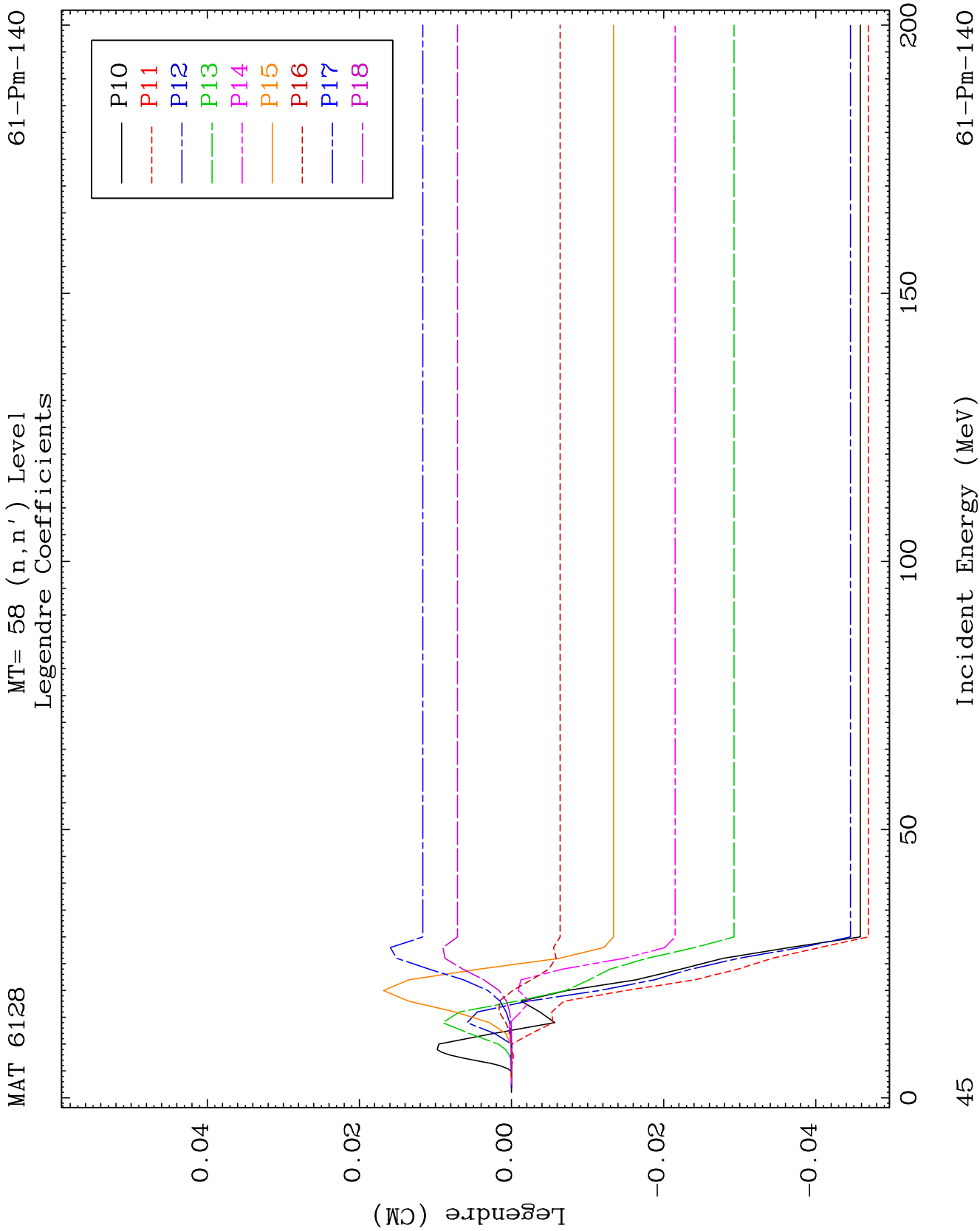
MAT 6128

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

61-Pm-140



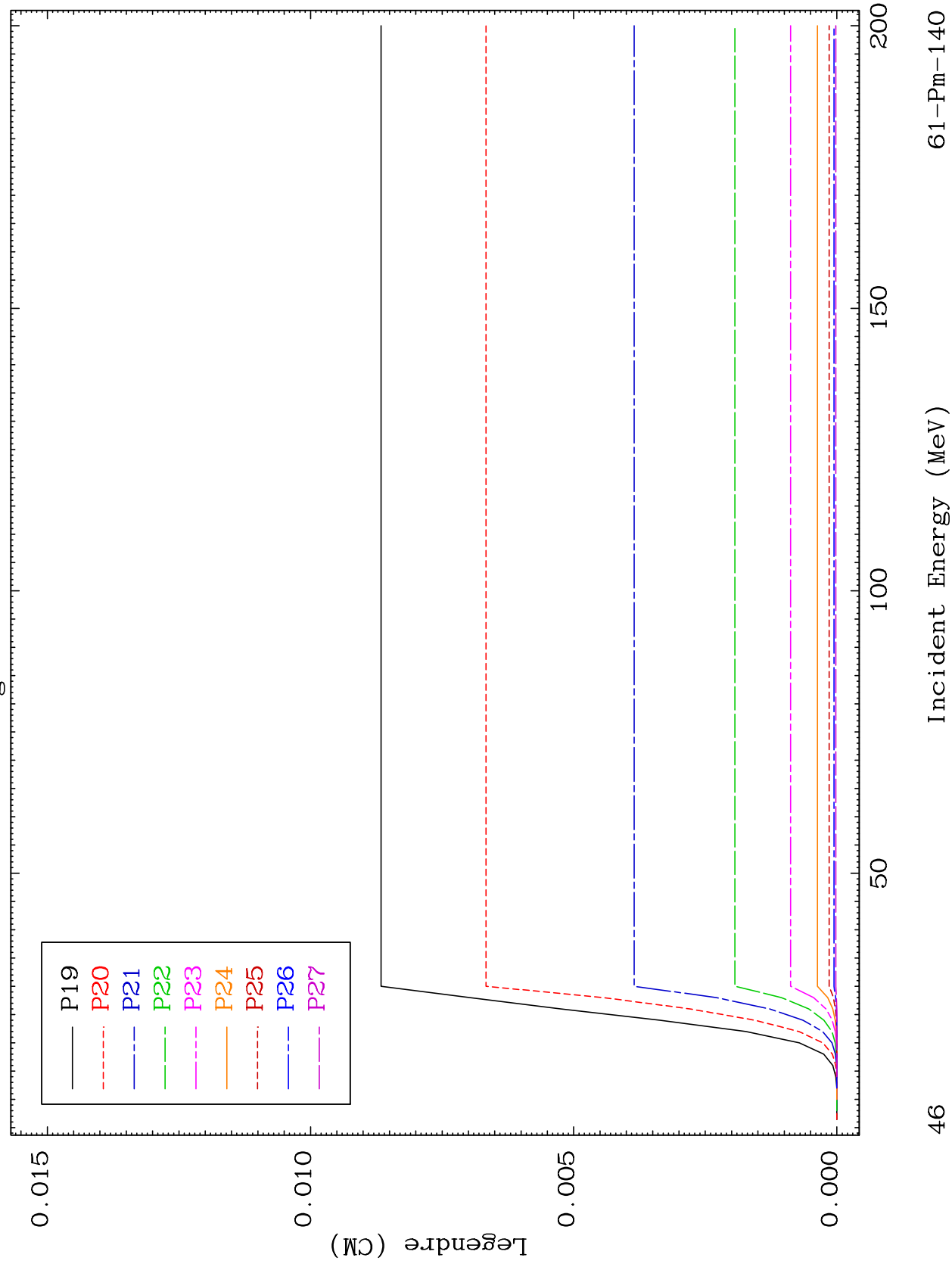


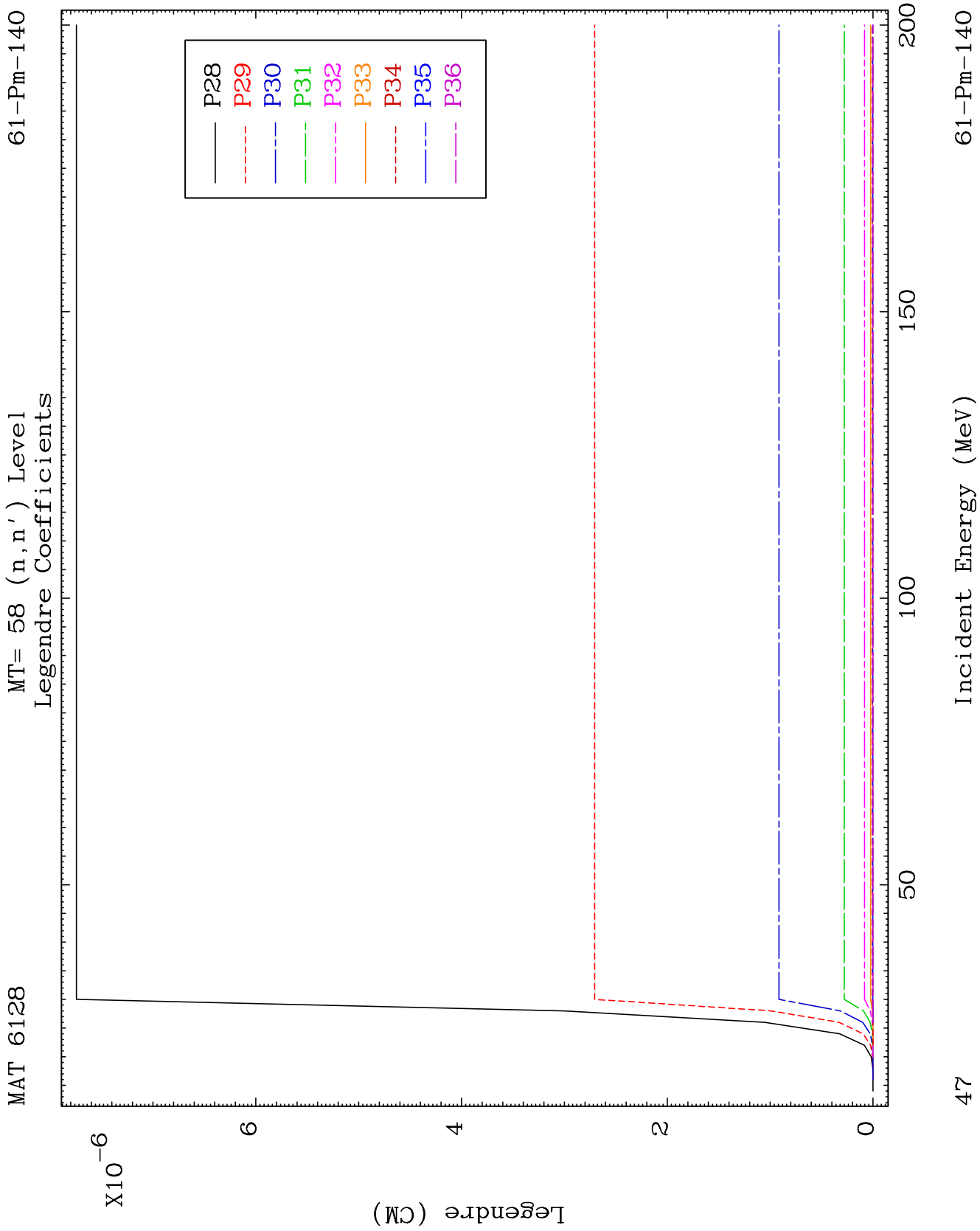


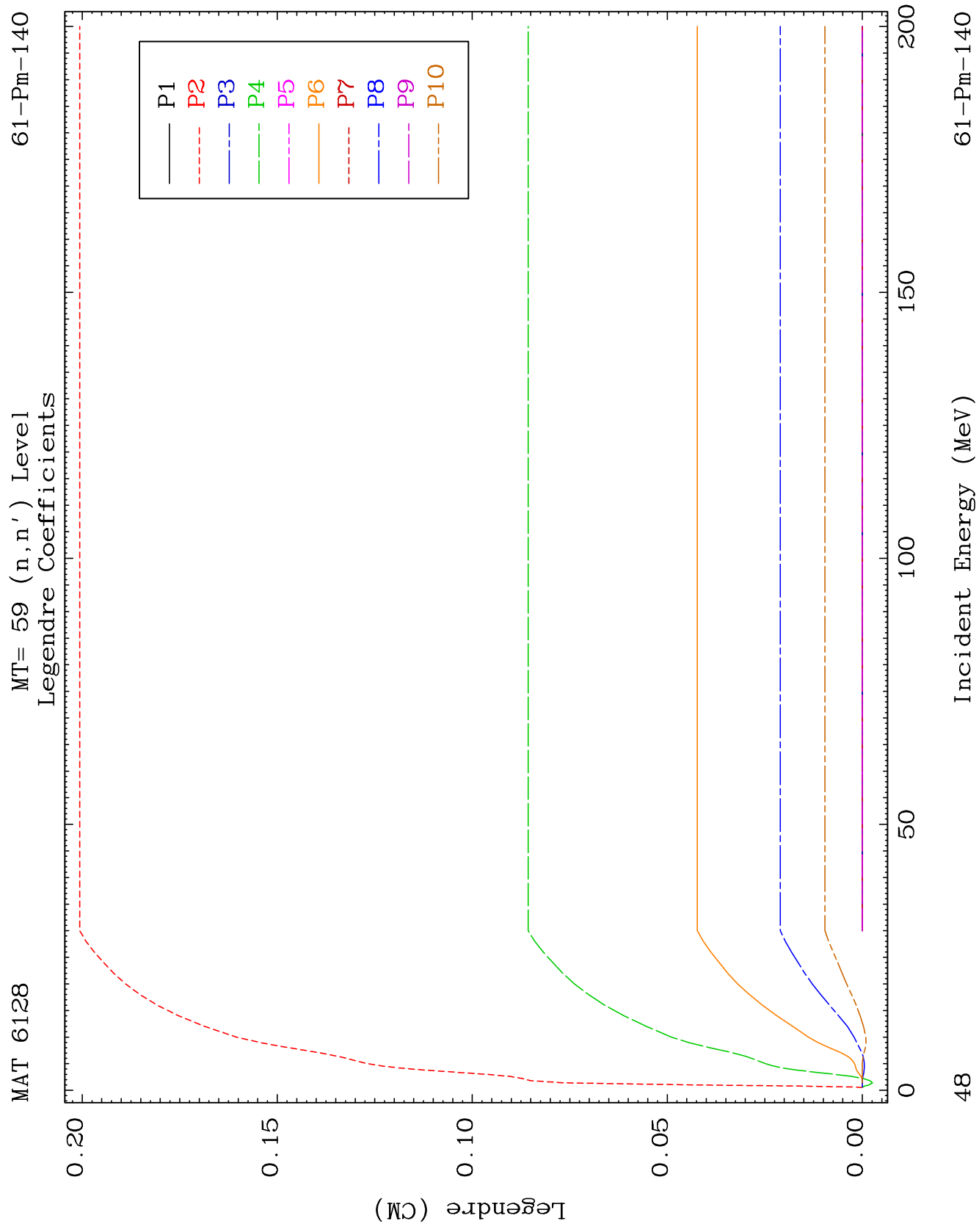
MAT 6128

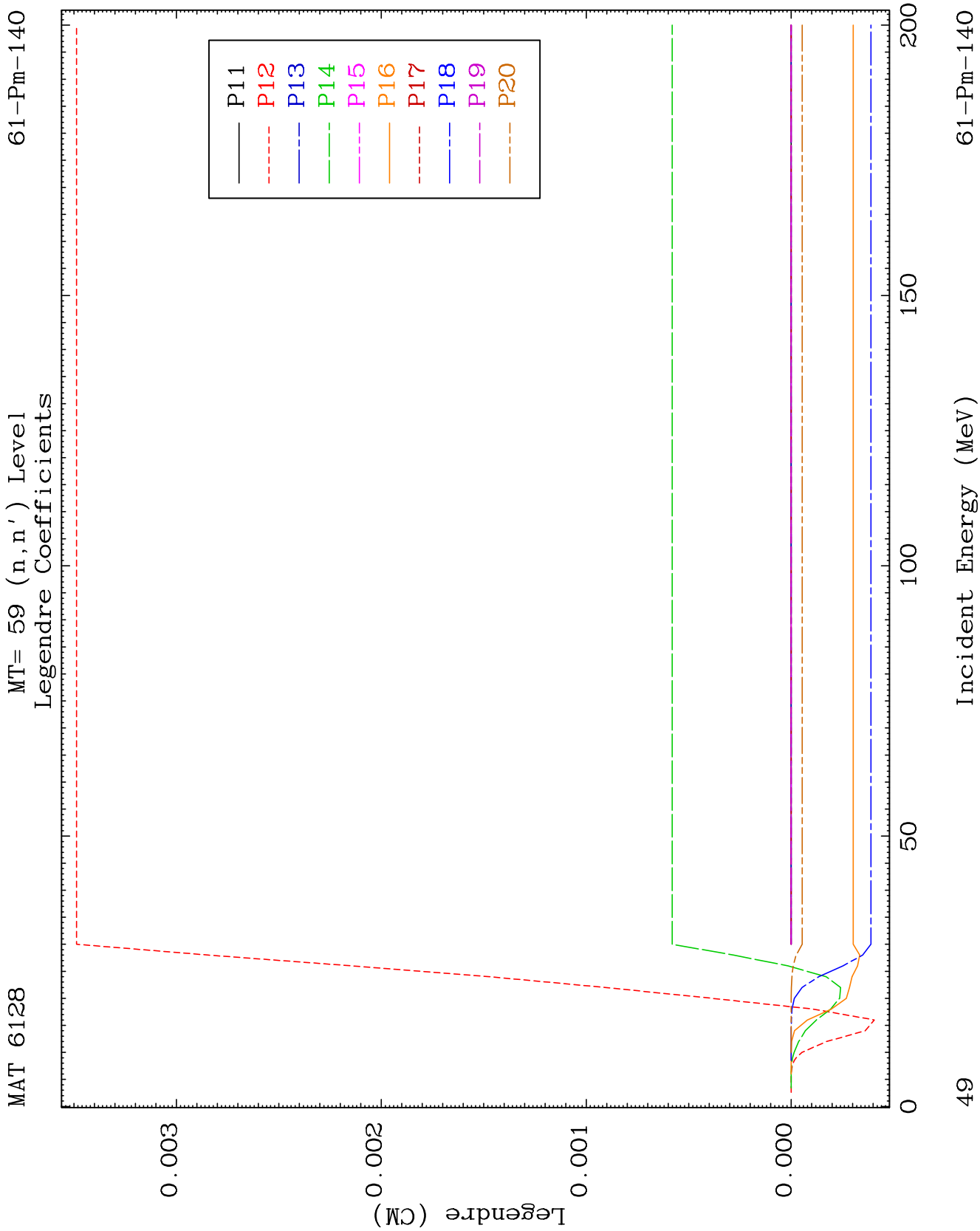
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Legendre Coefficients

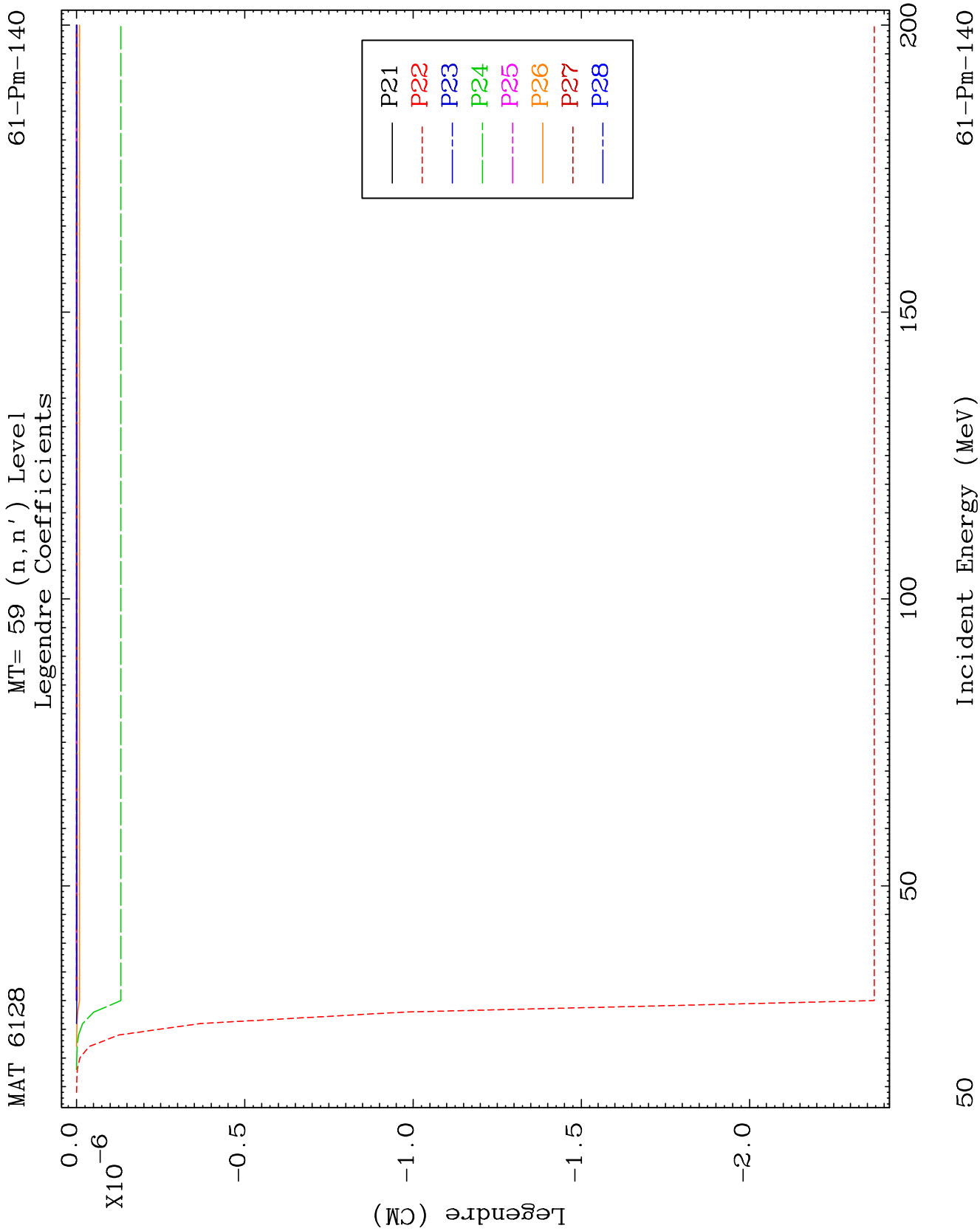
61-Pm-140







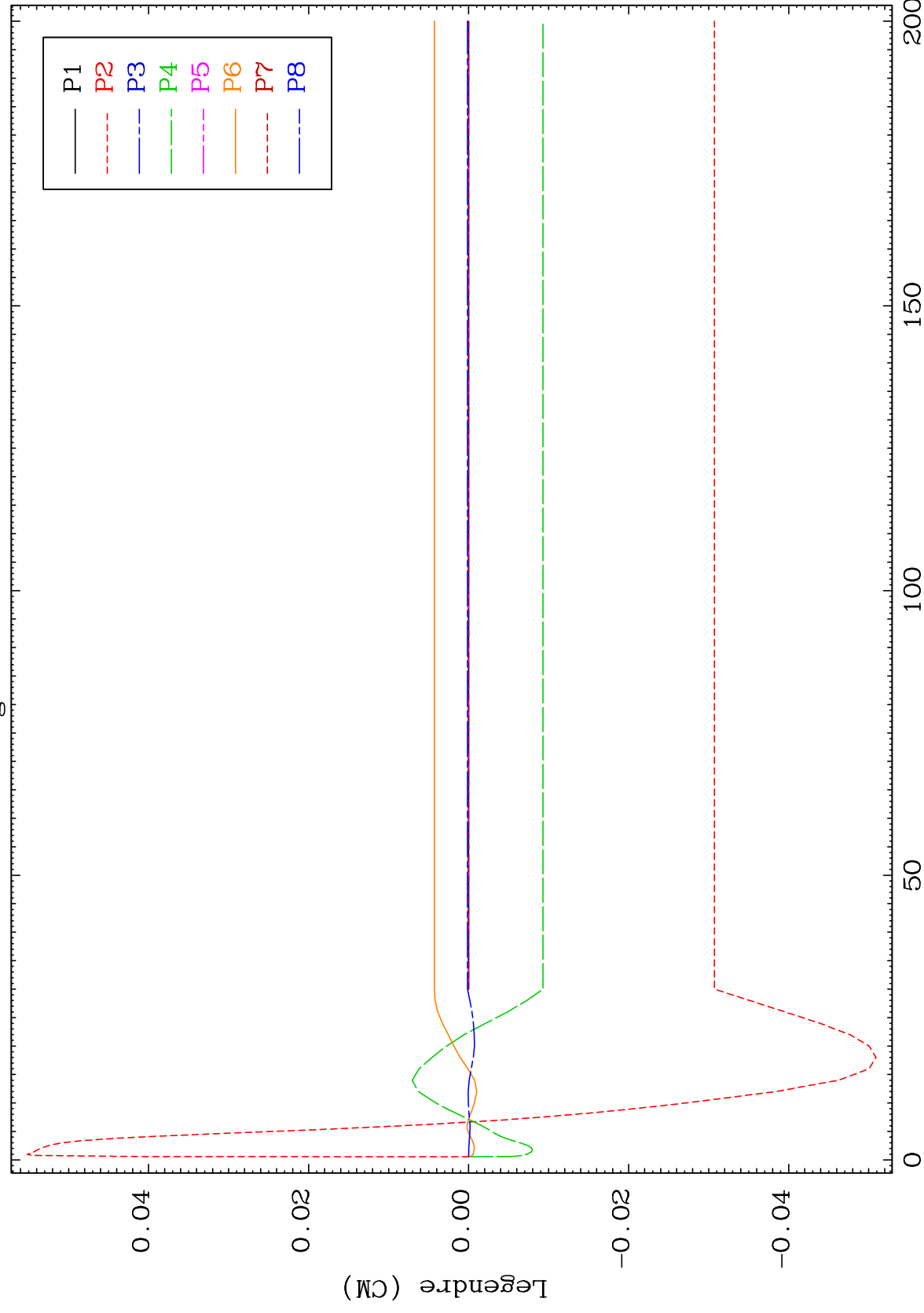




MAT 6128

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

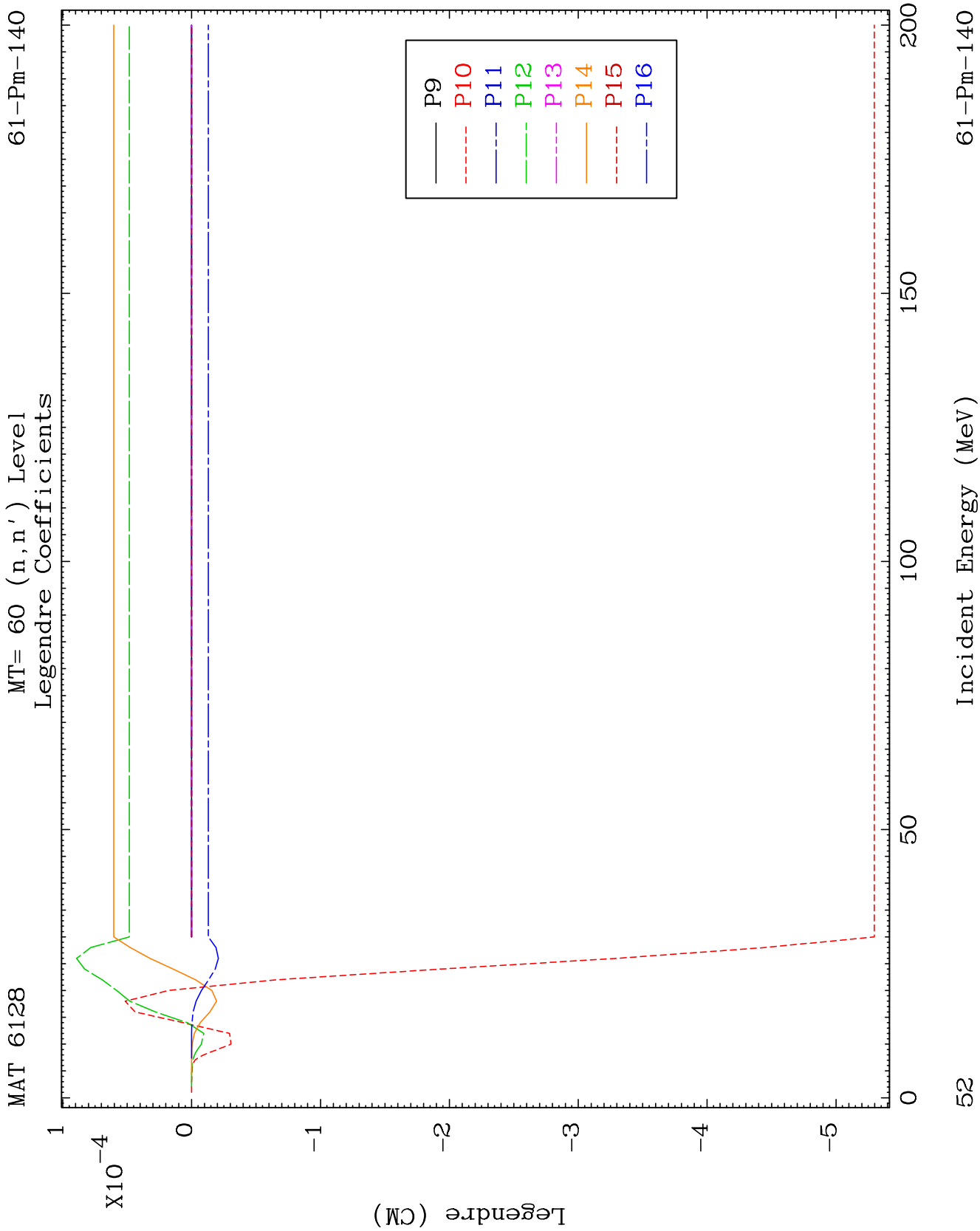
61-Pm-140

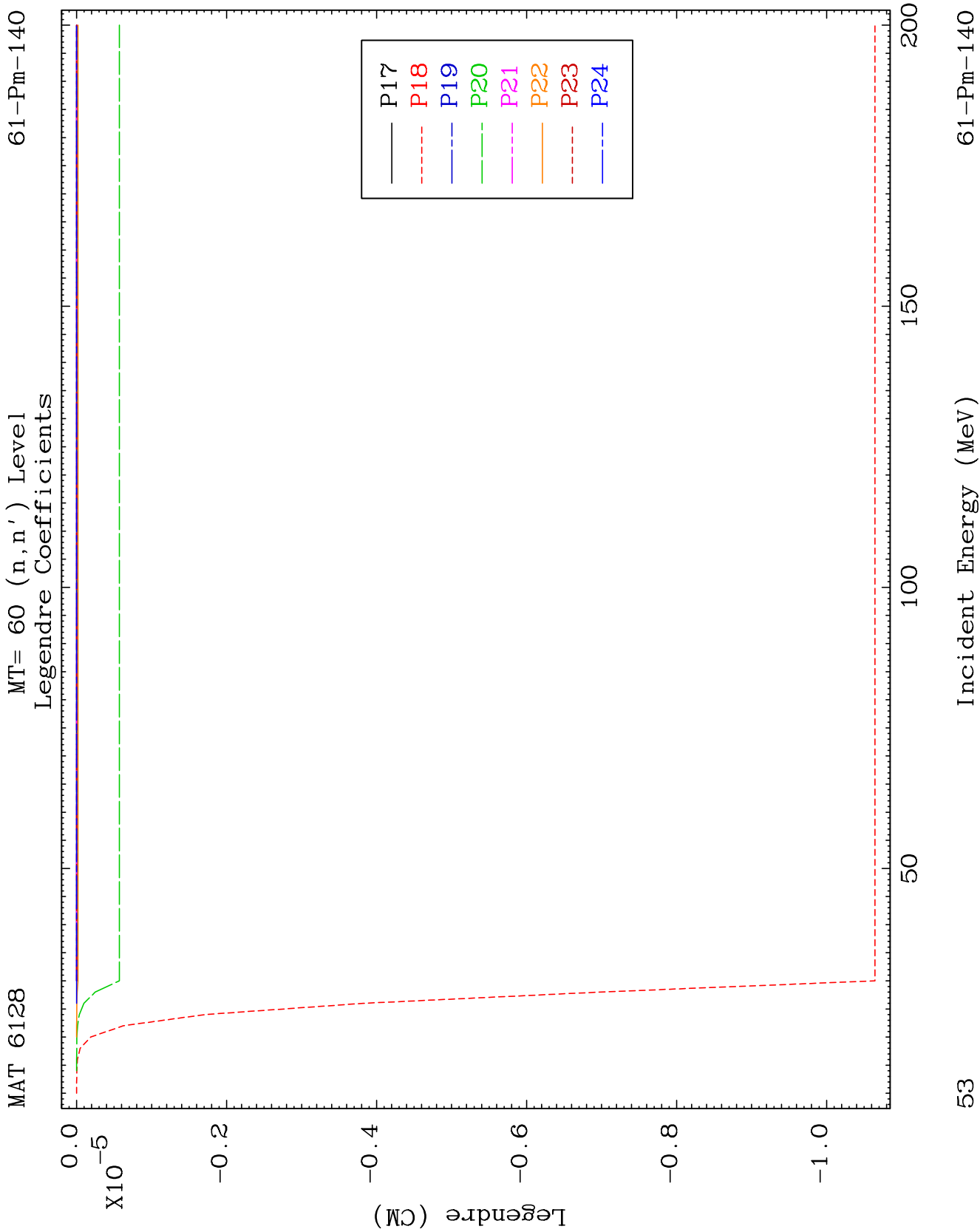


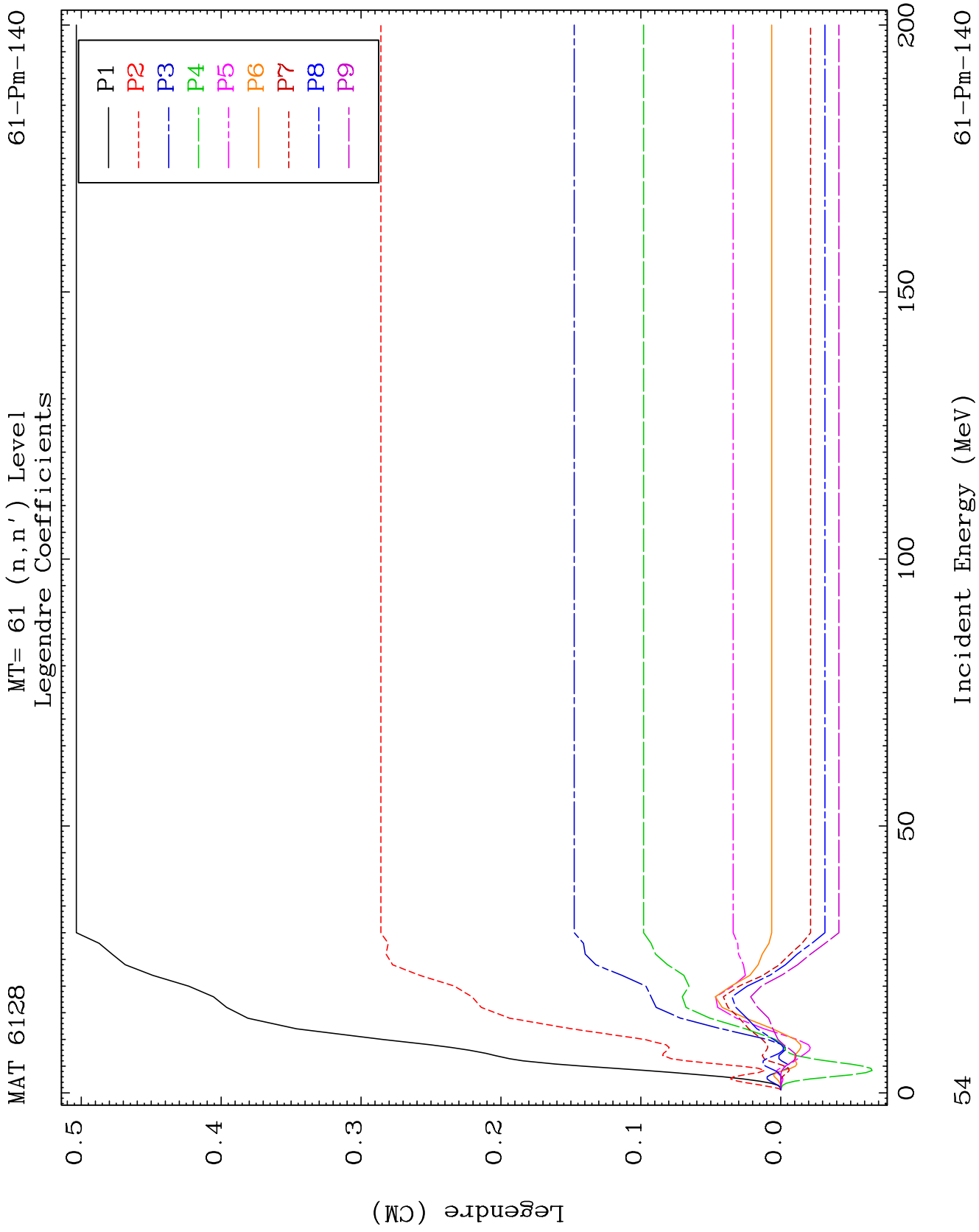
51

Incident Energy (MeV)

61-Pm-140



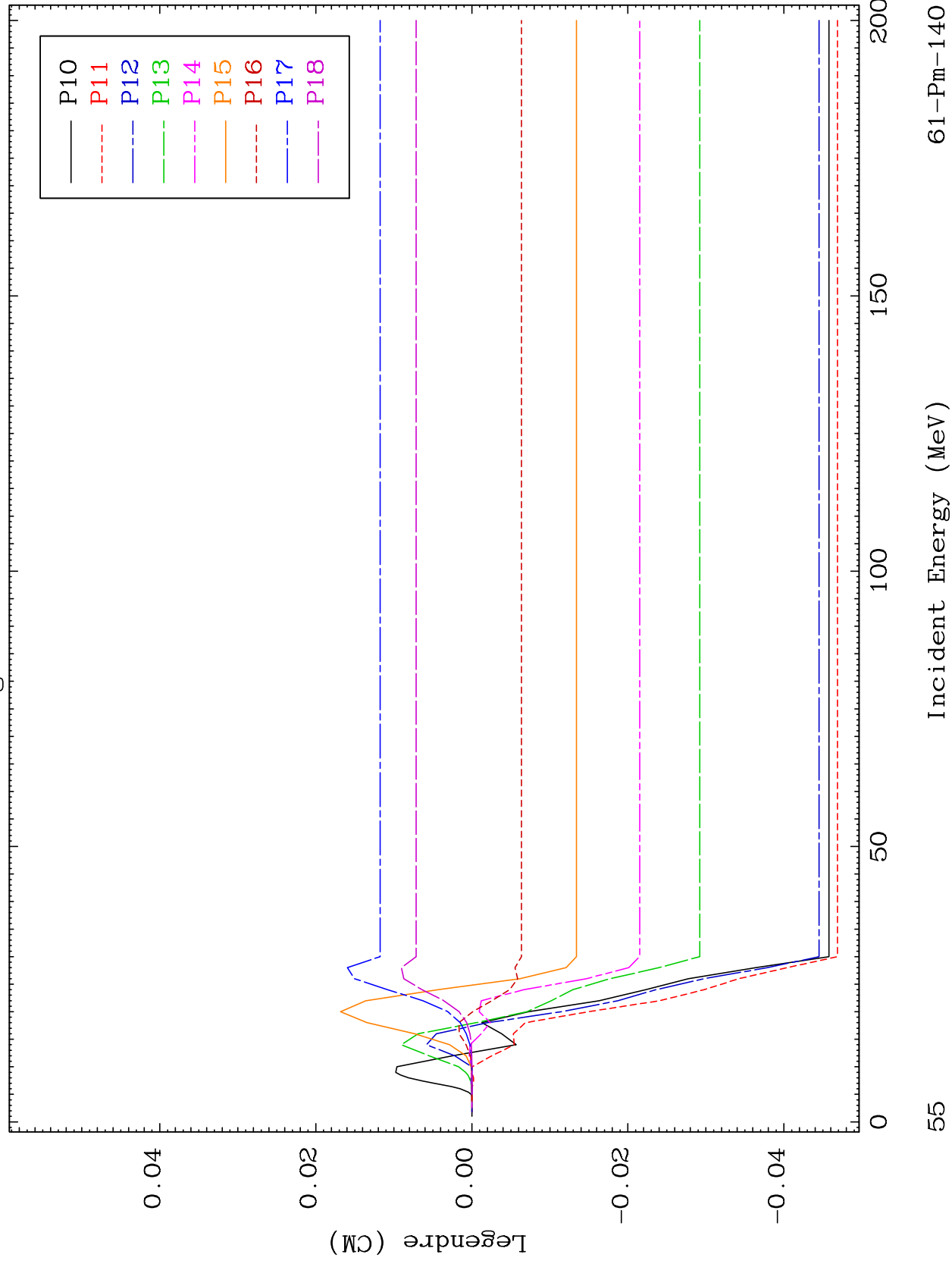


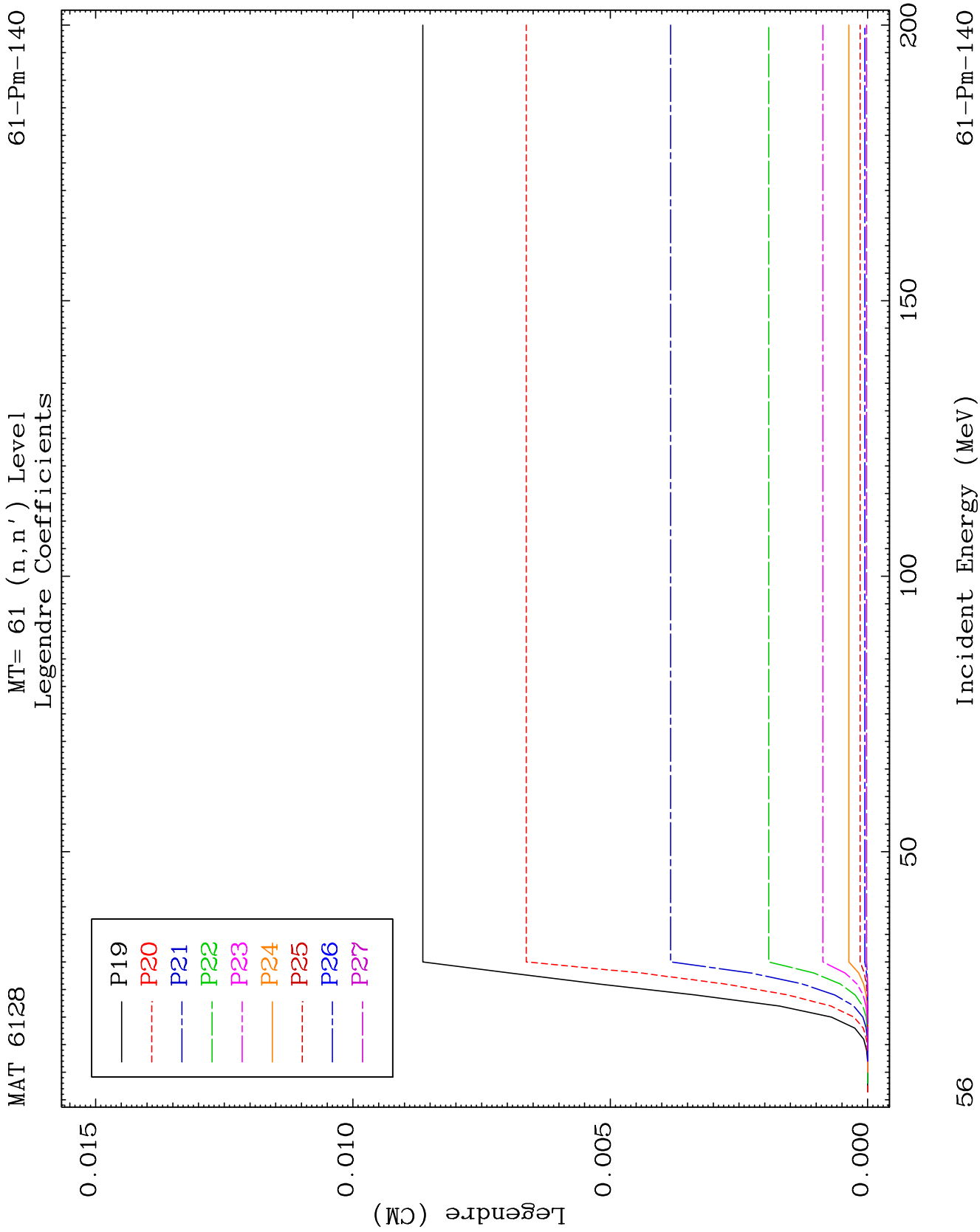


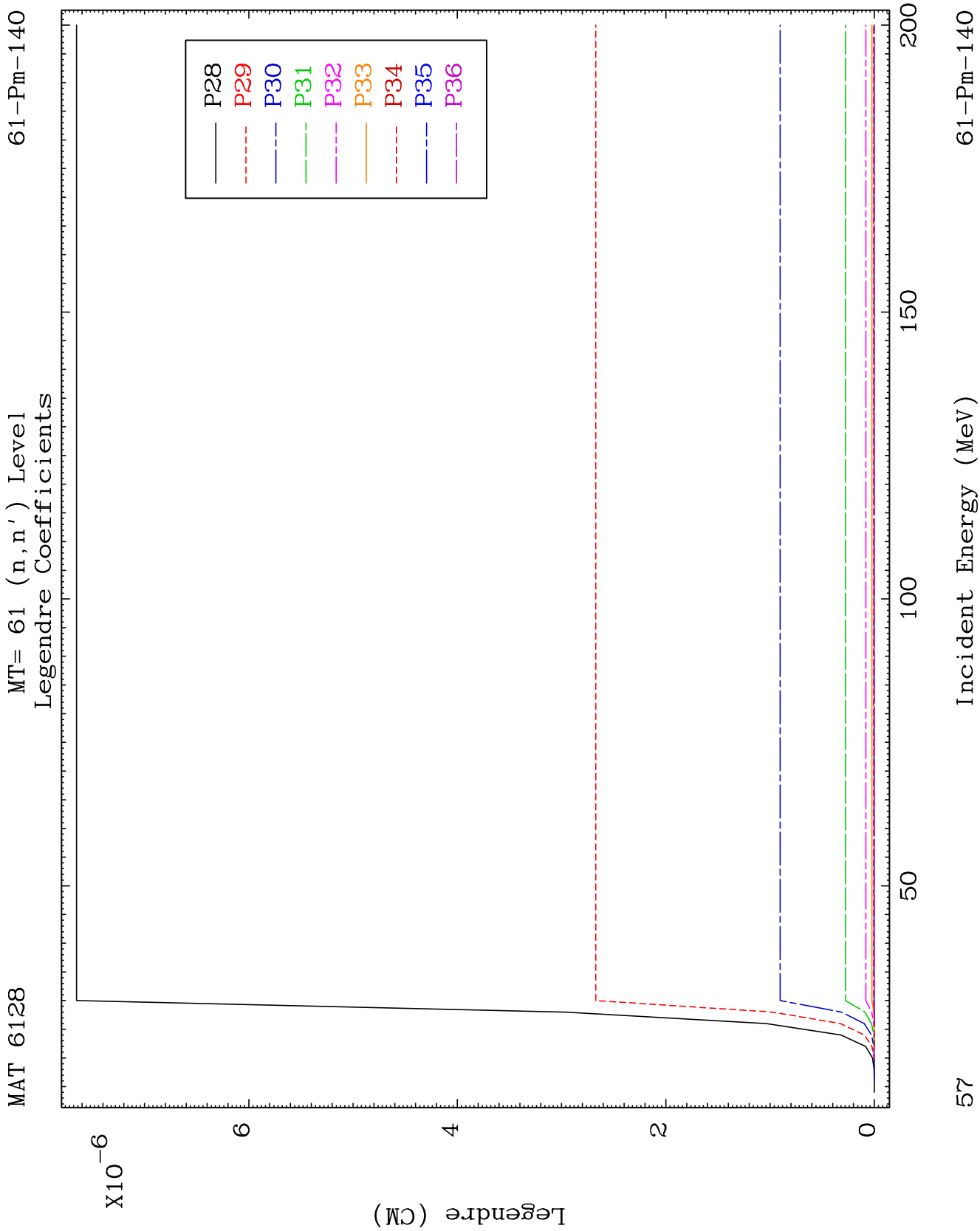
MAT 6128

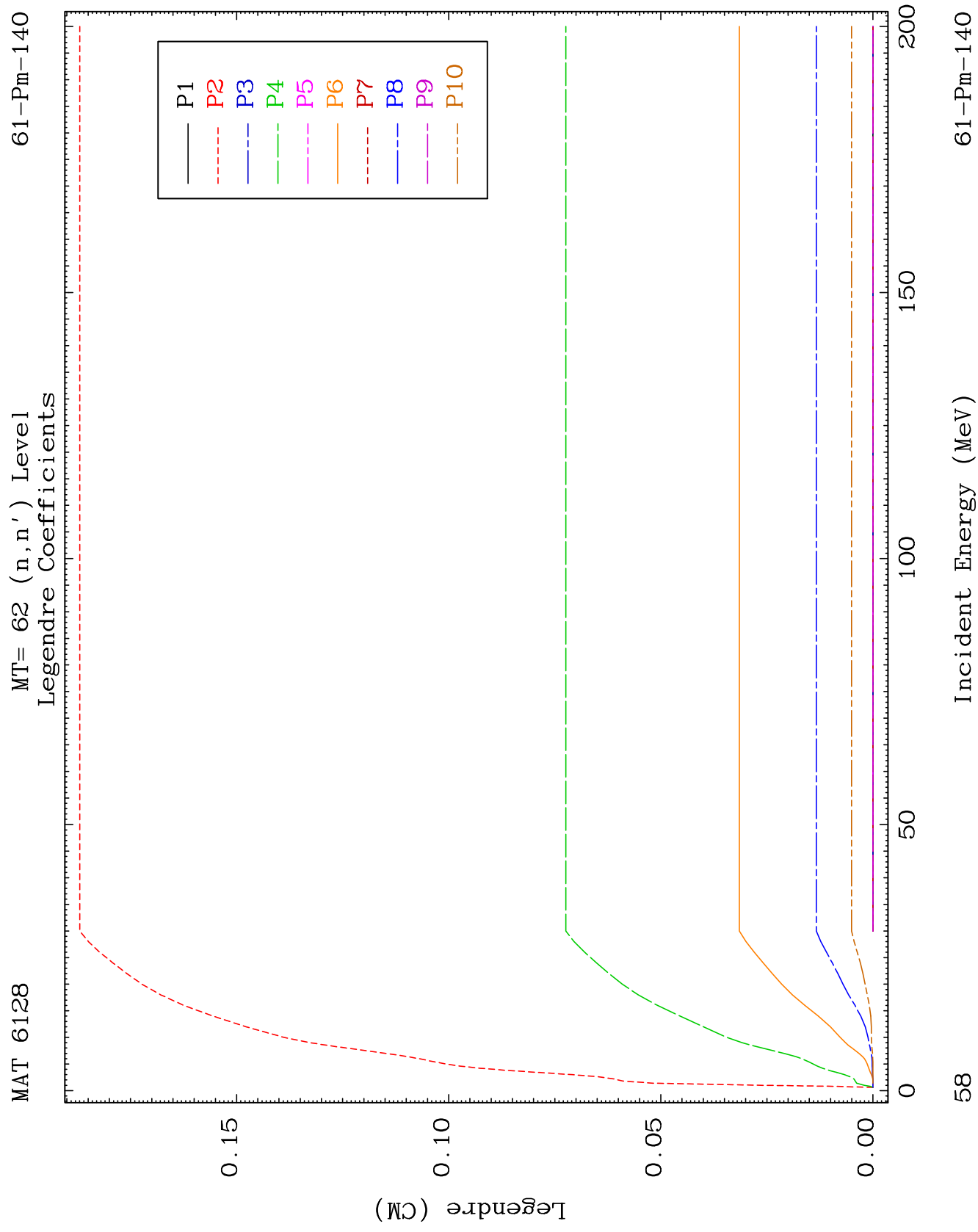
MT= 61 (n, n') Level
Legendre Coefficients

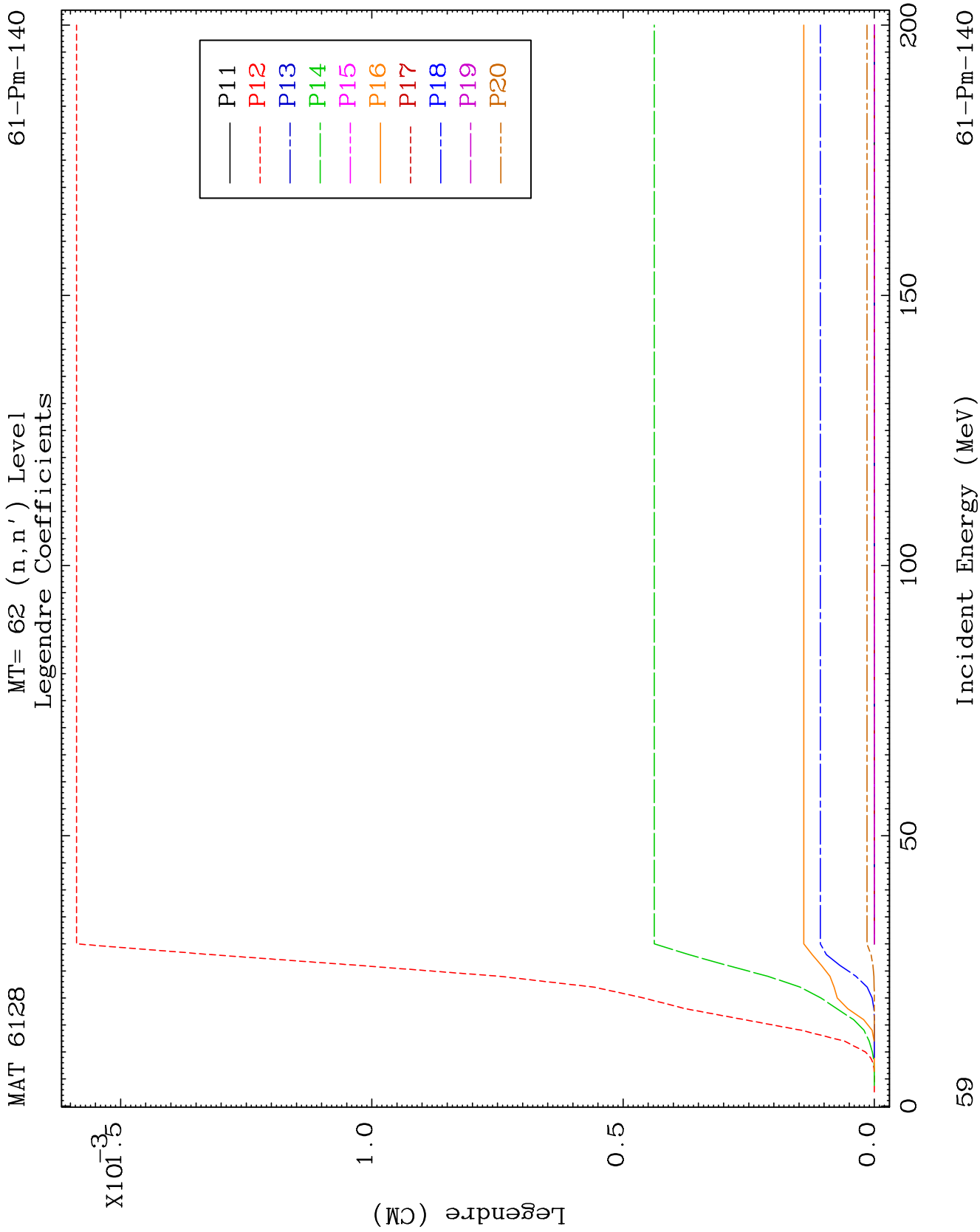
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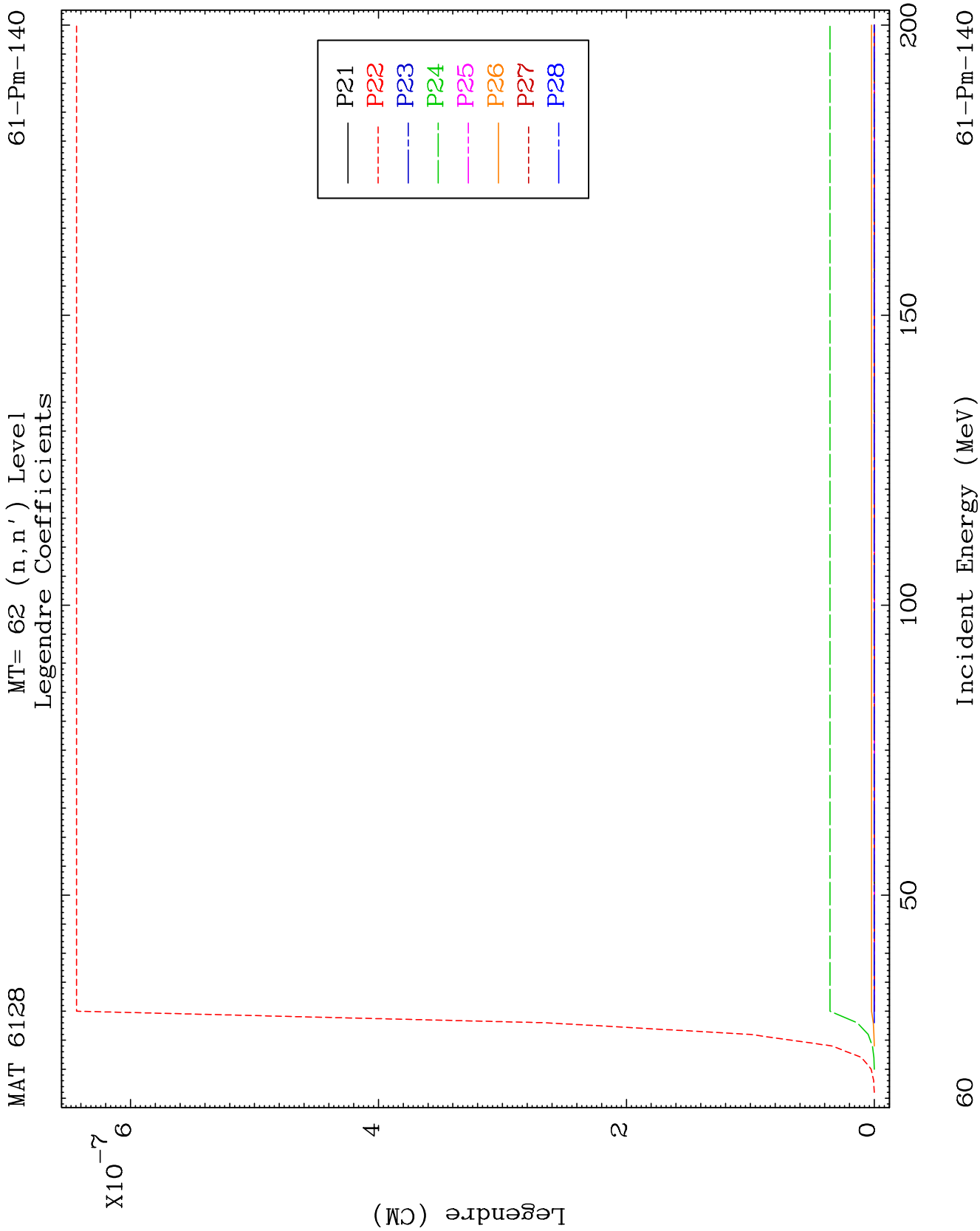


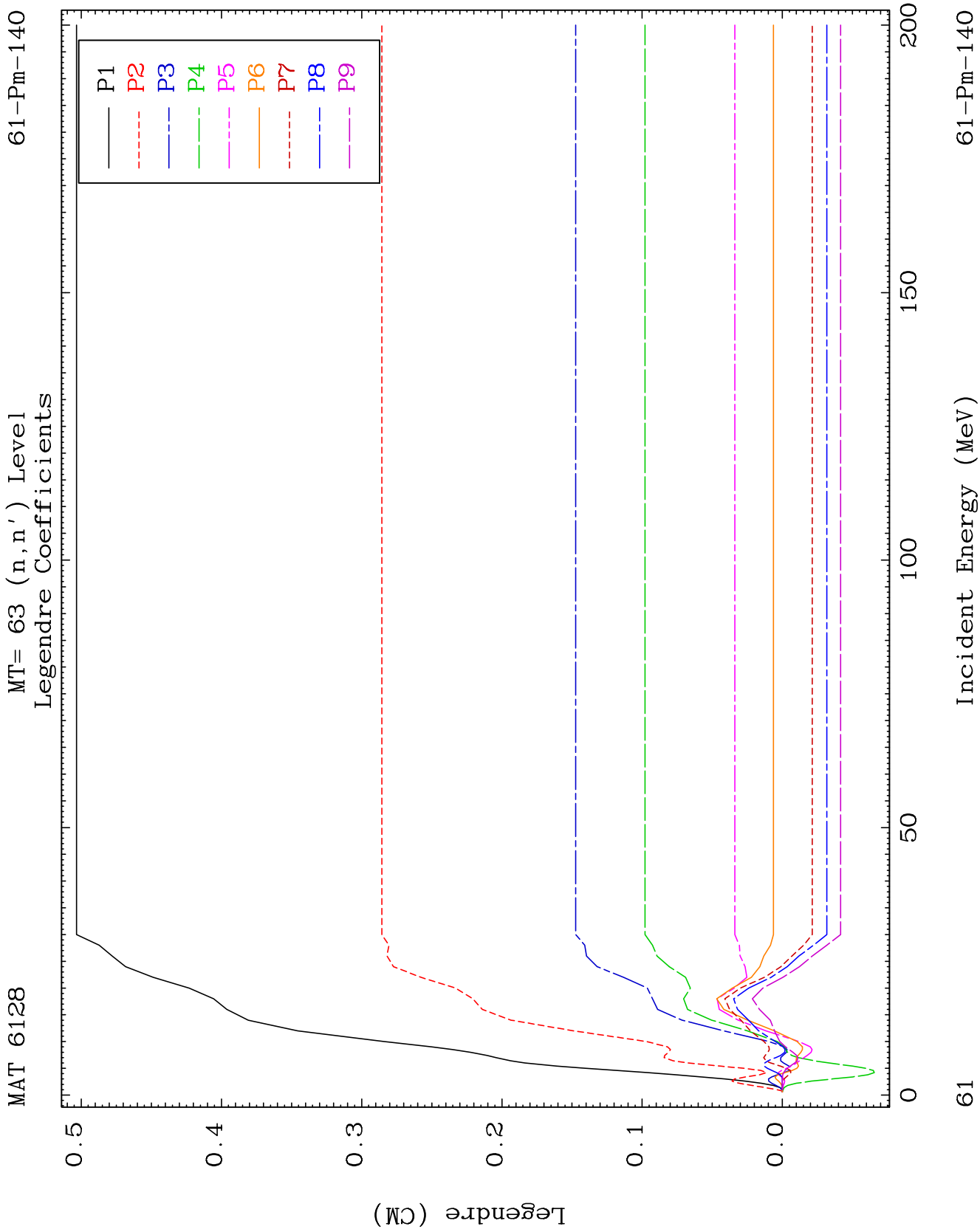


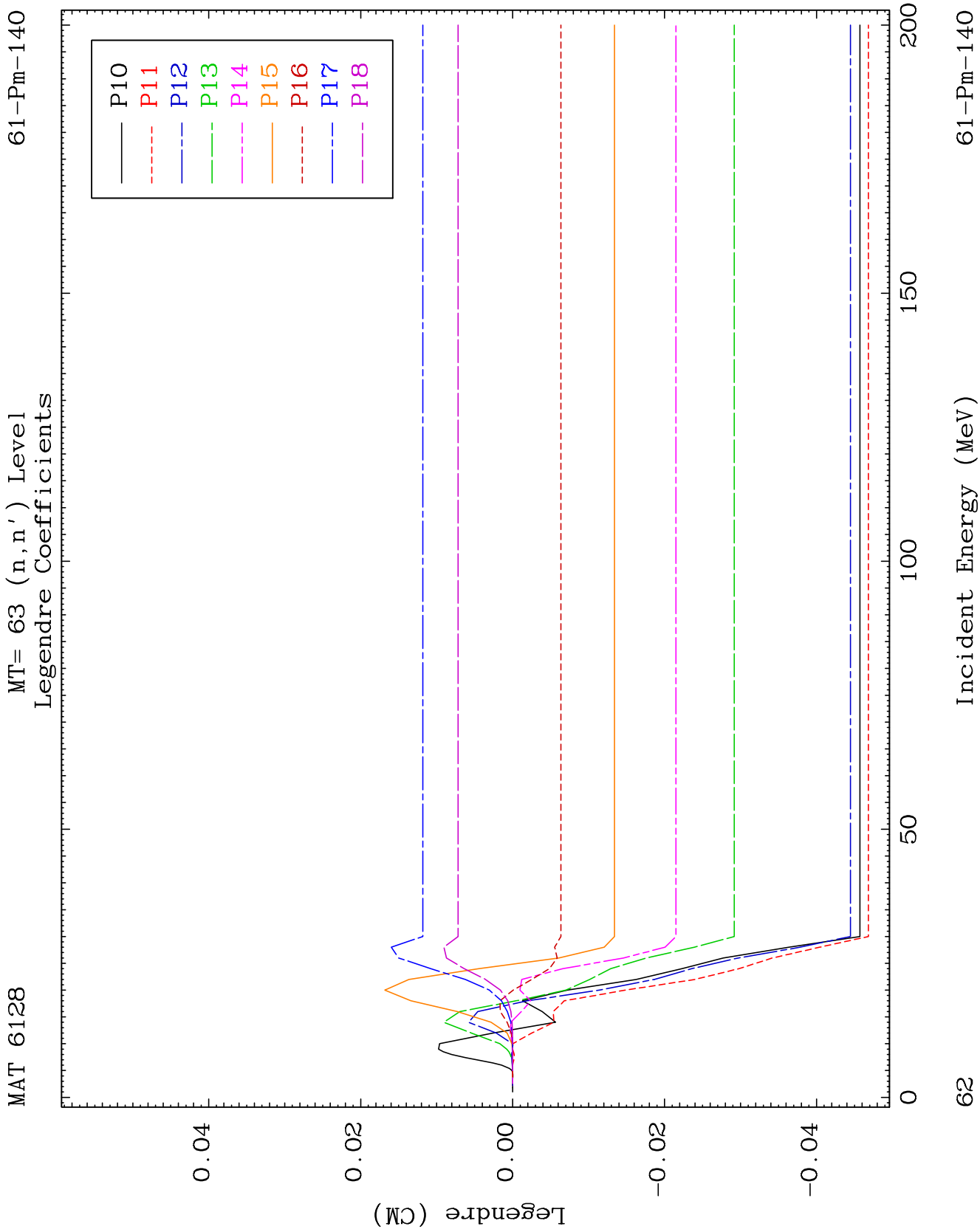


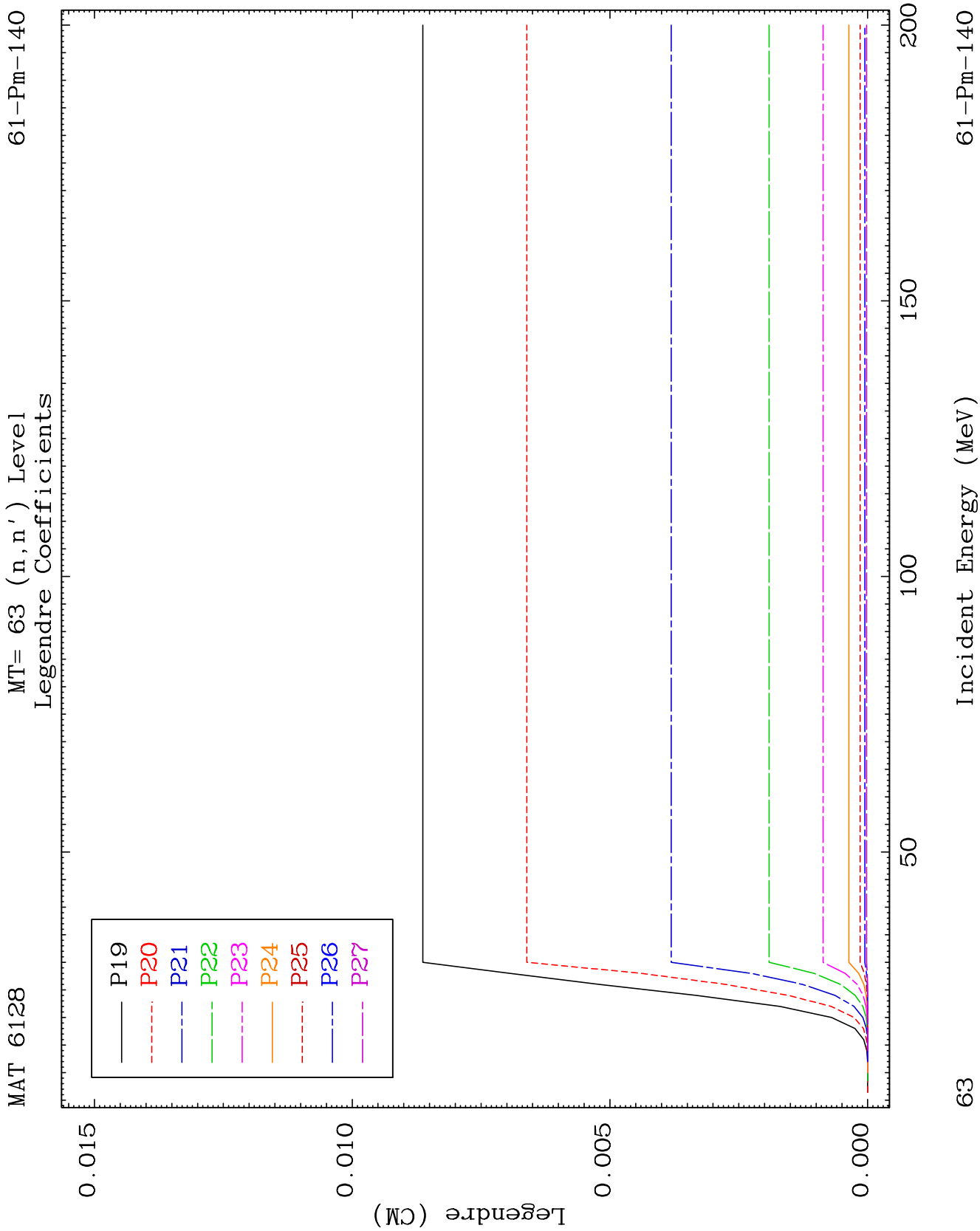


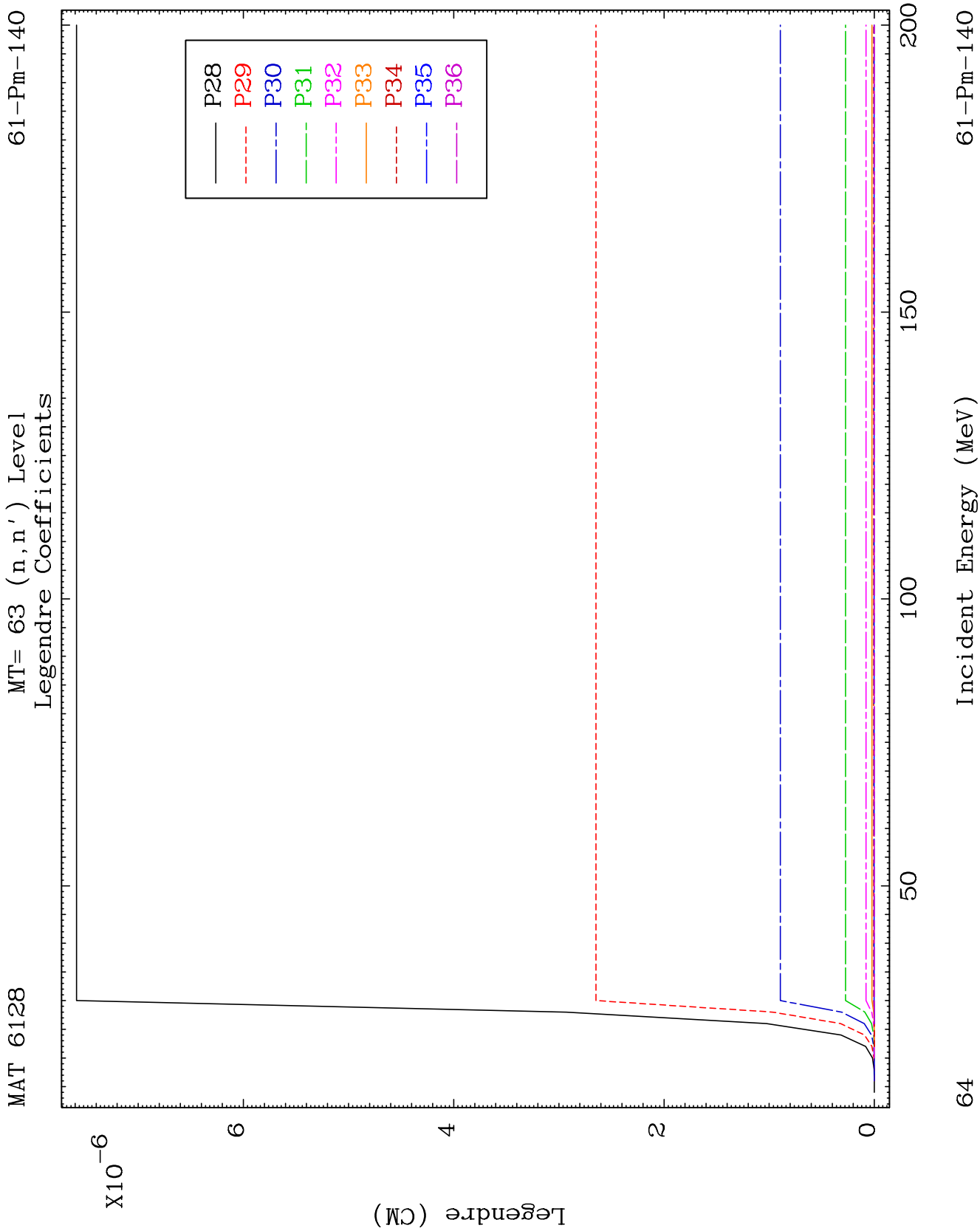


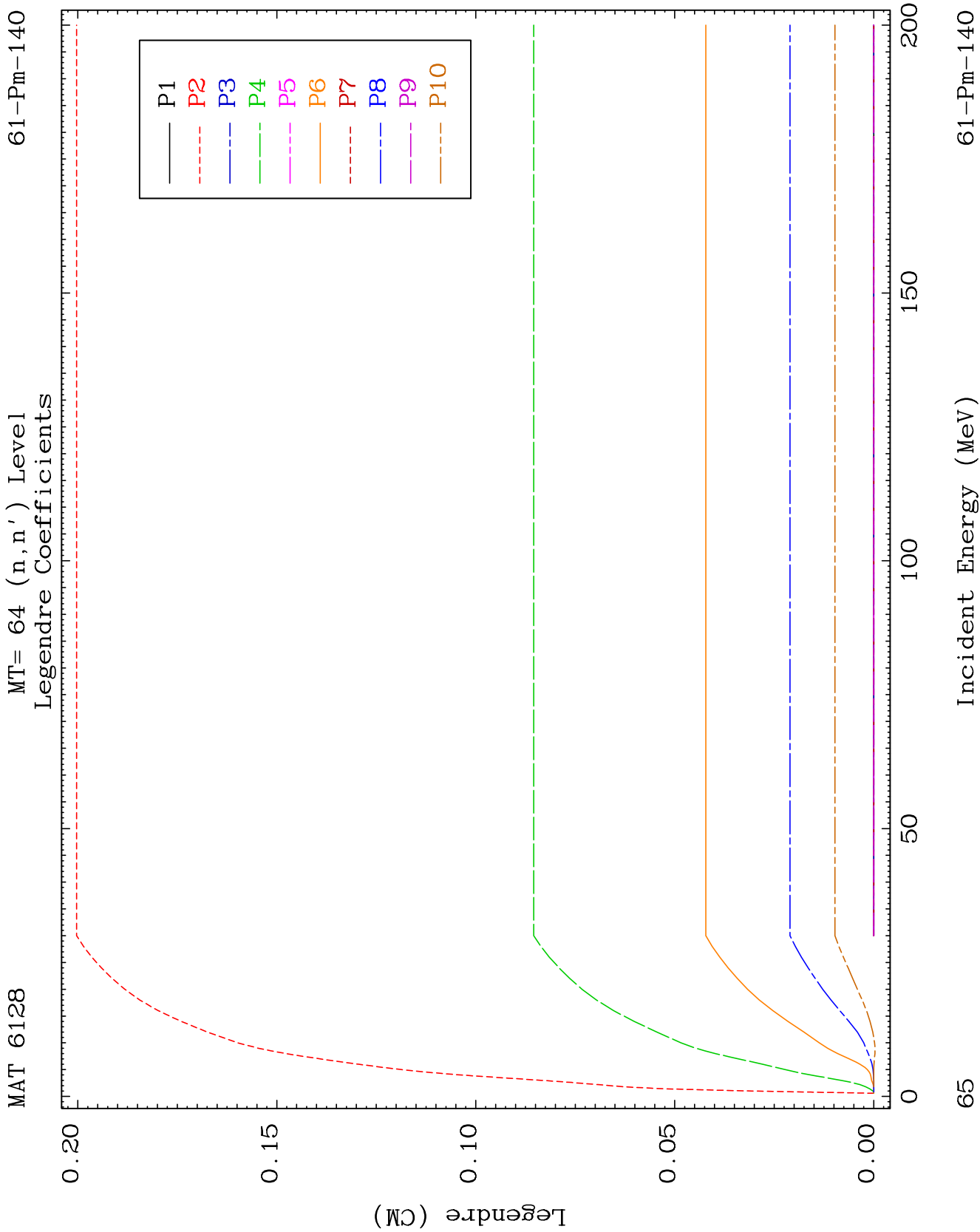


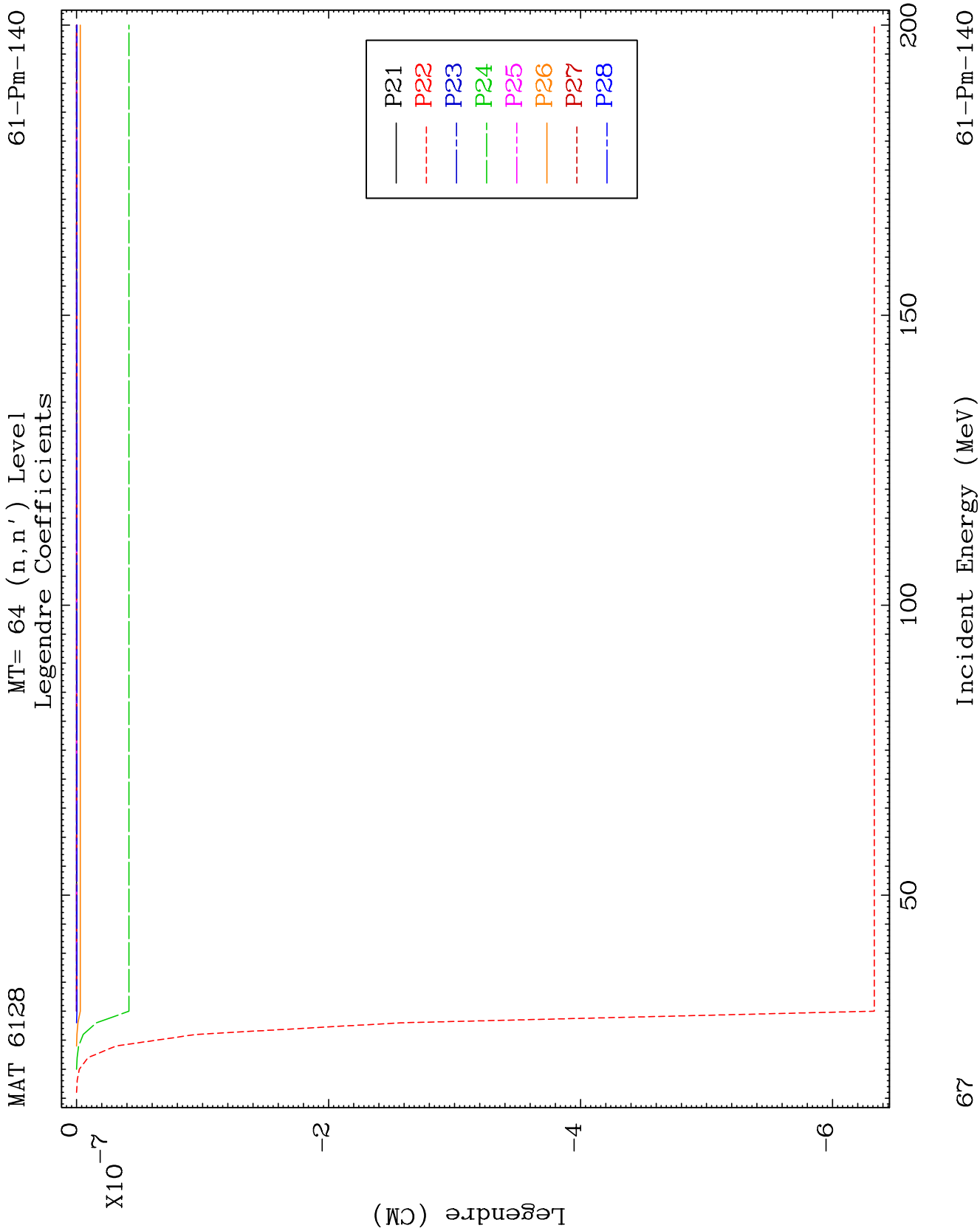


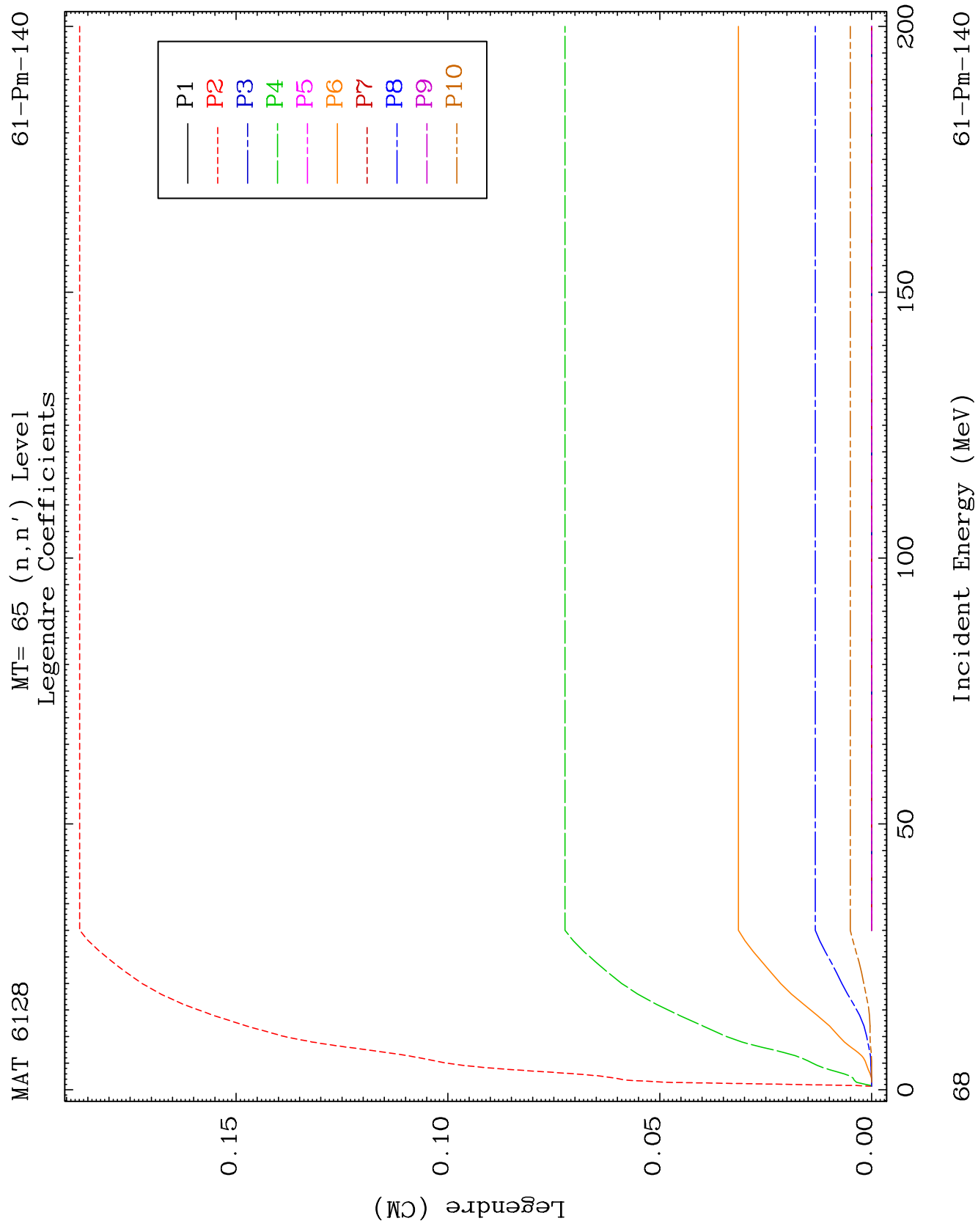


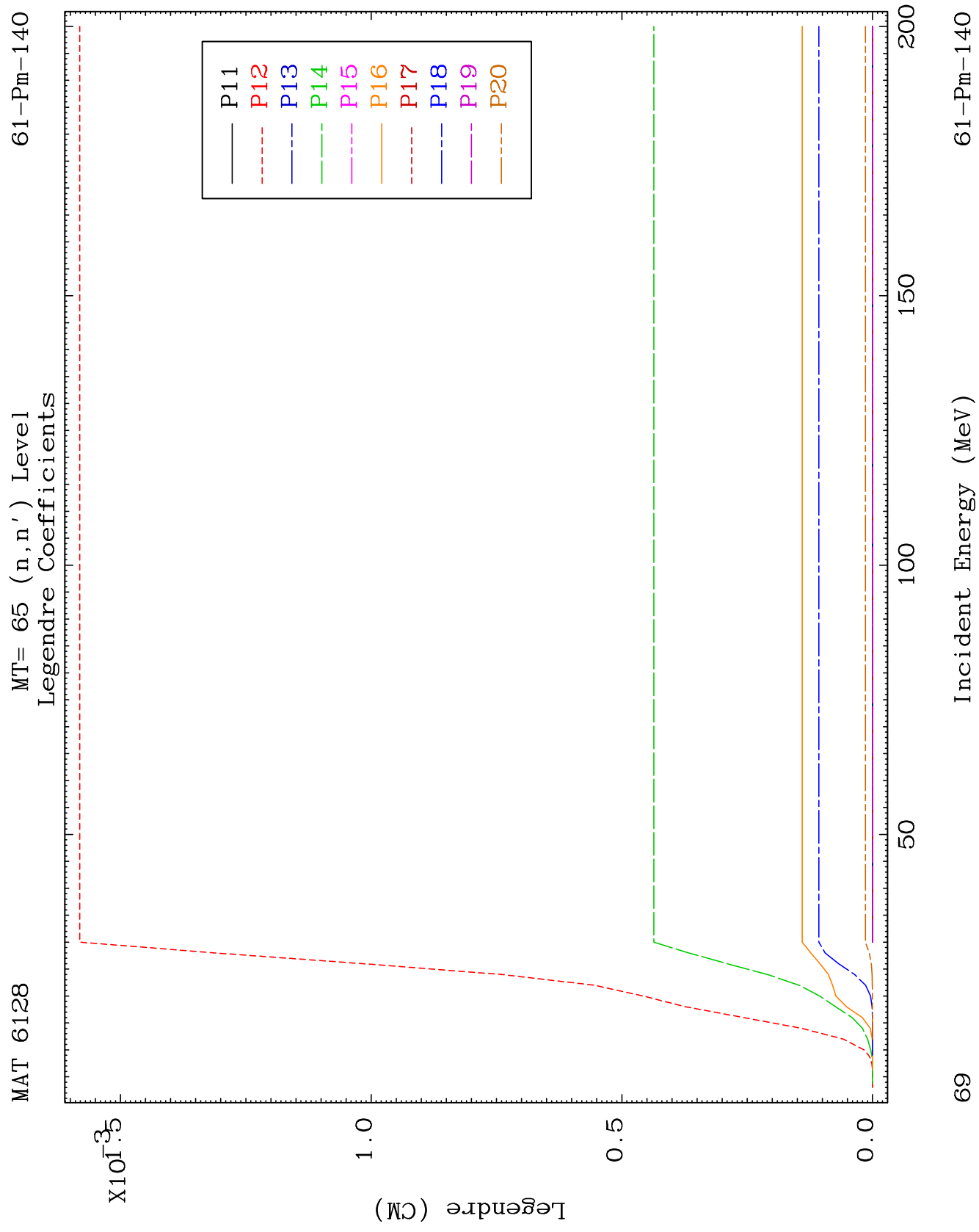


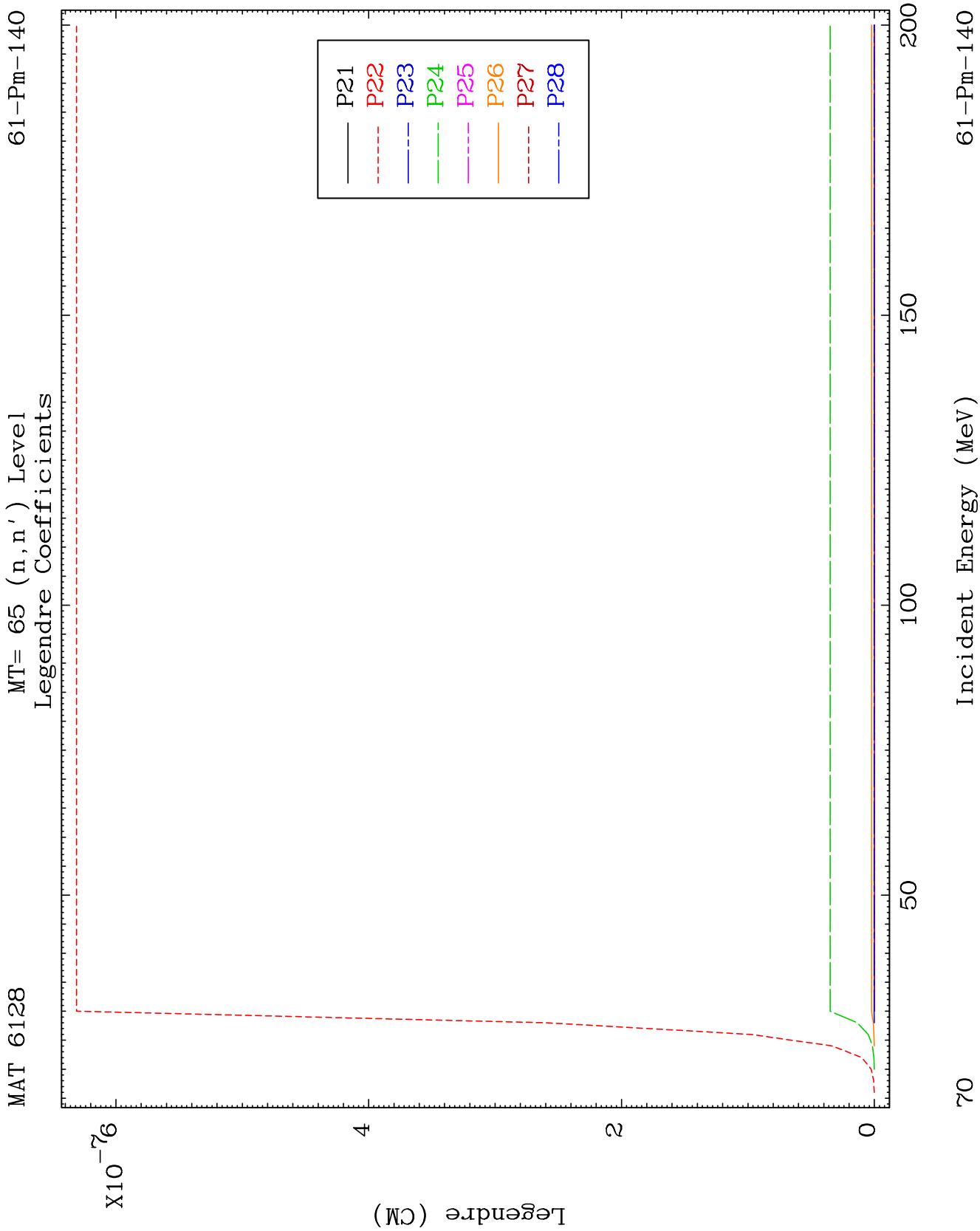


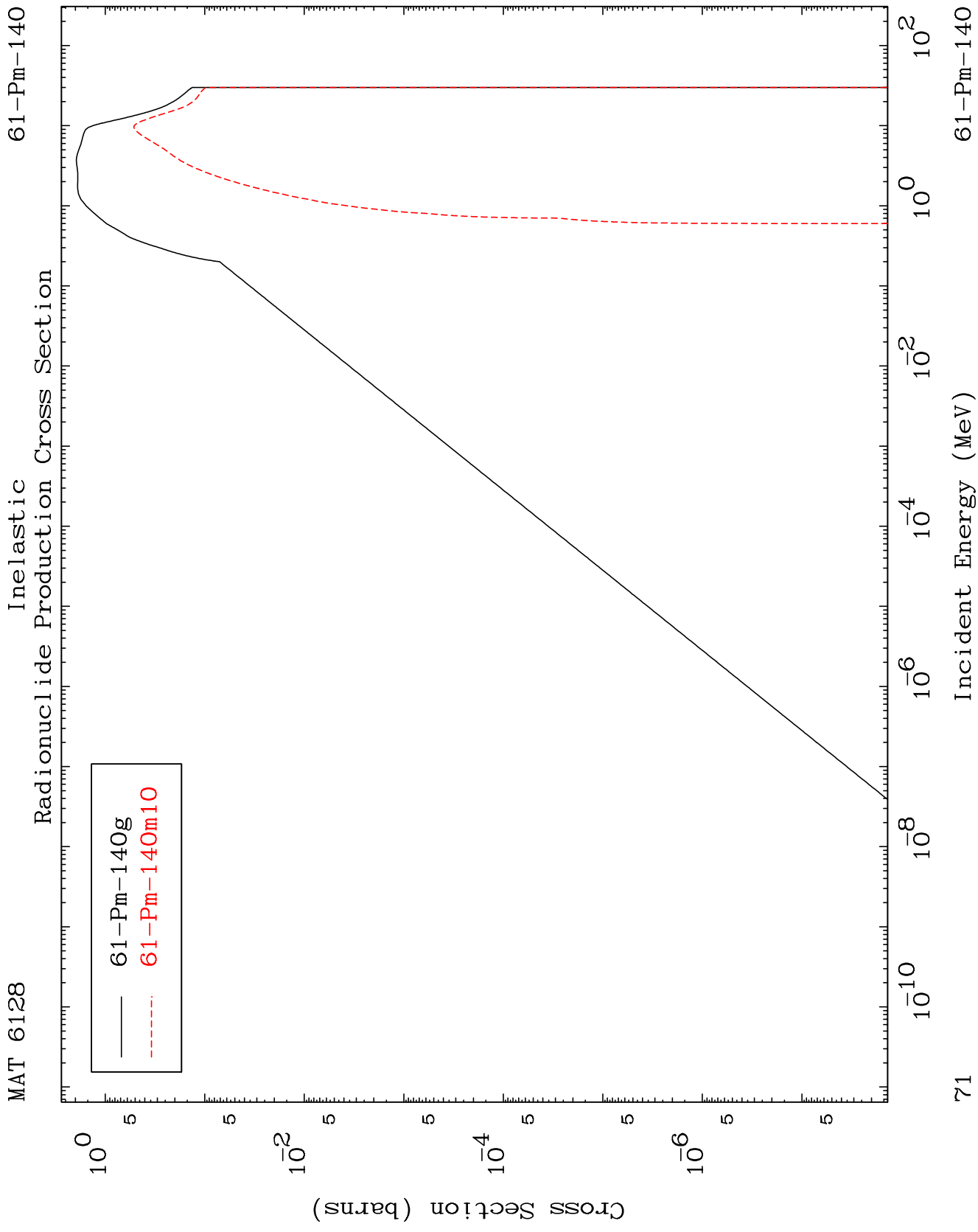


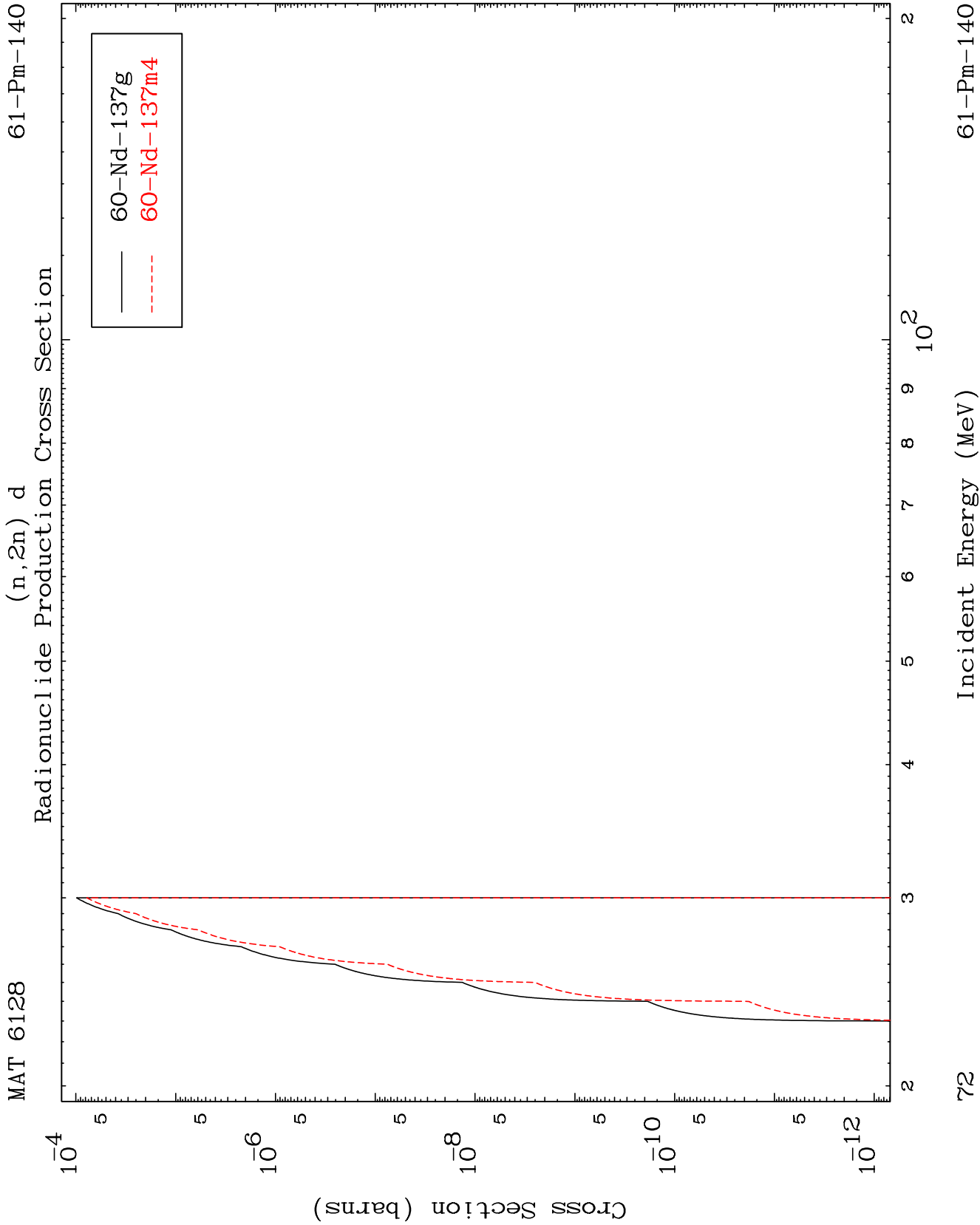


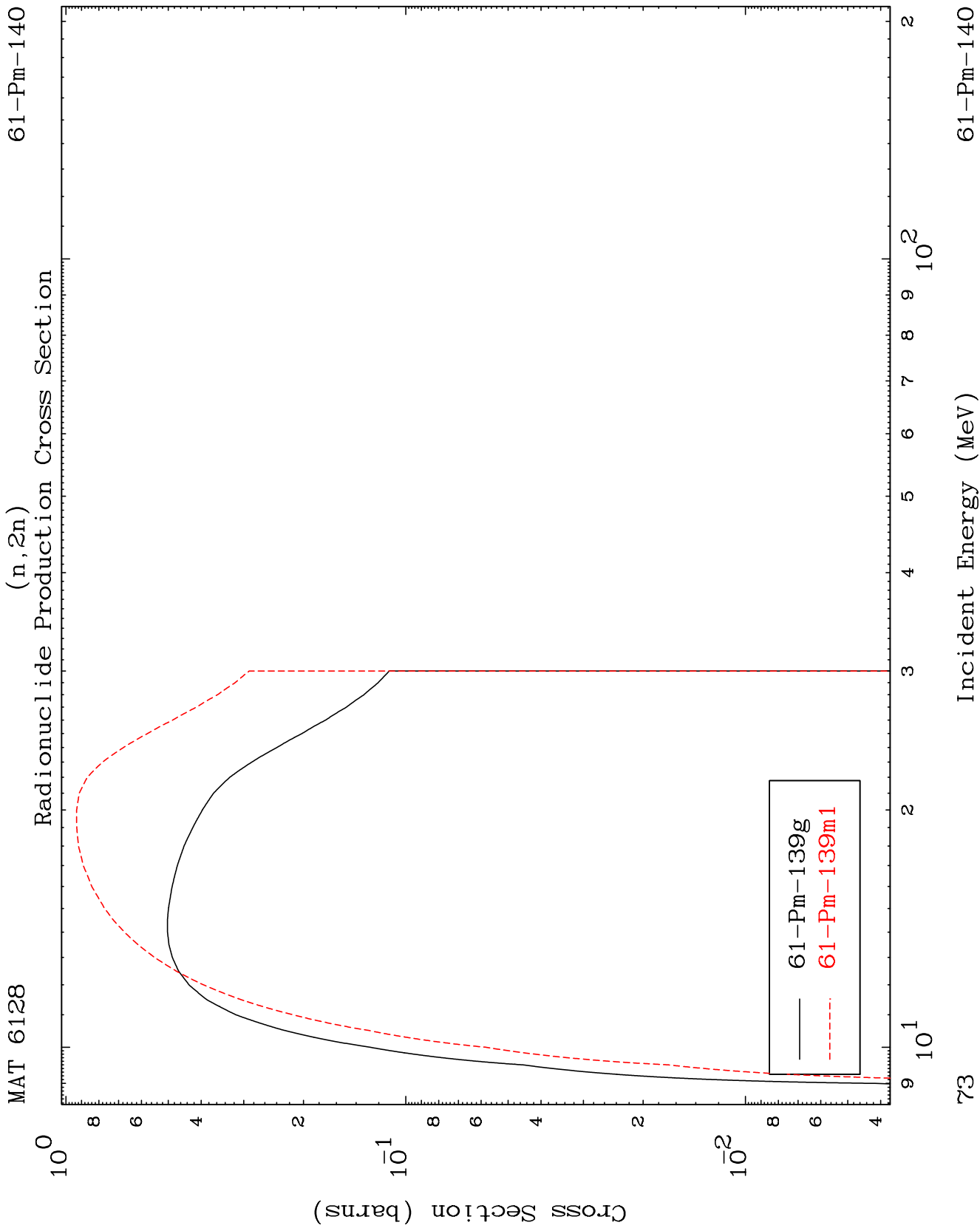


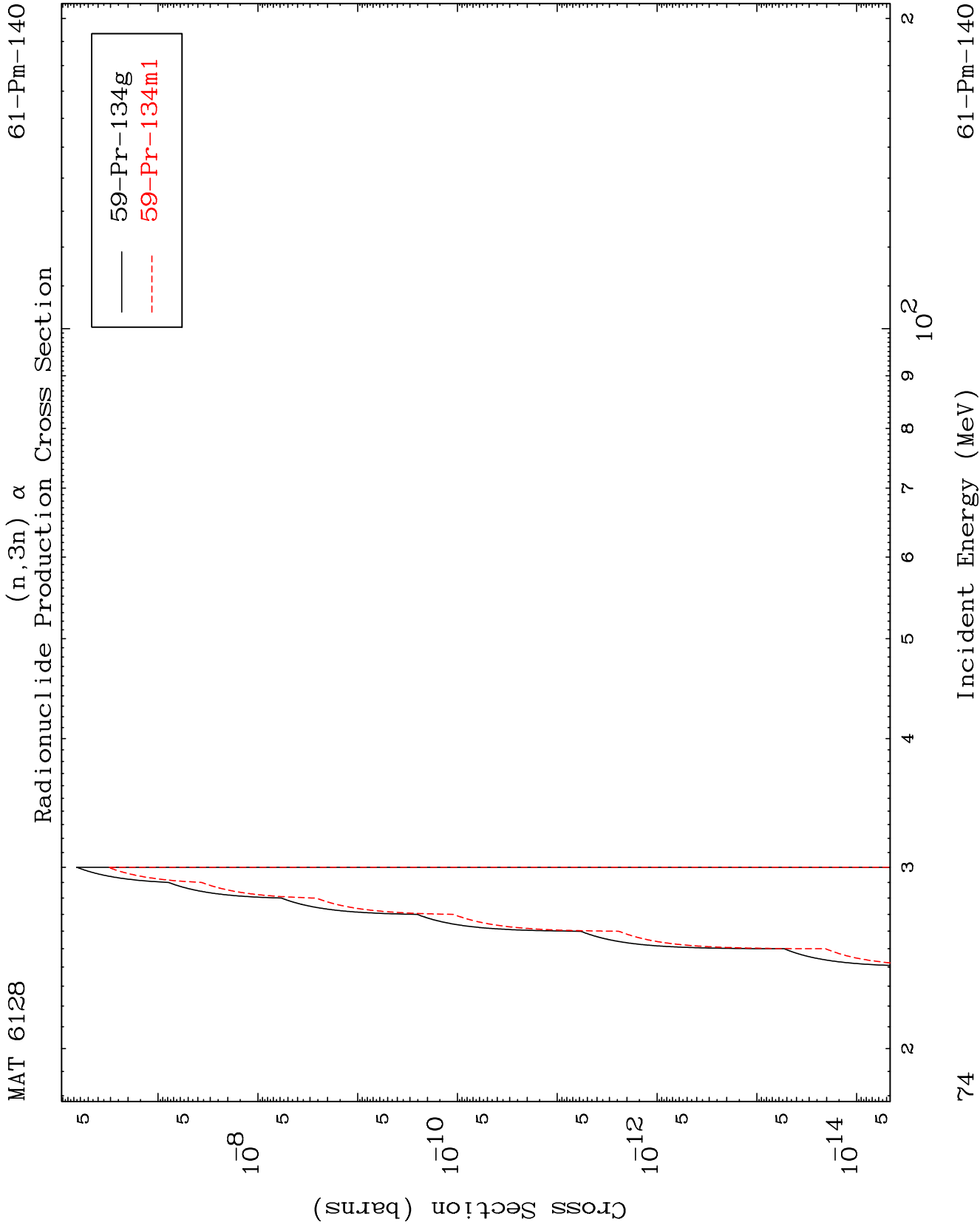








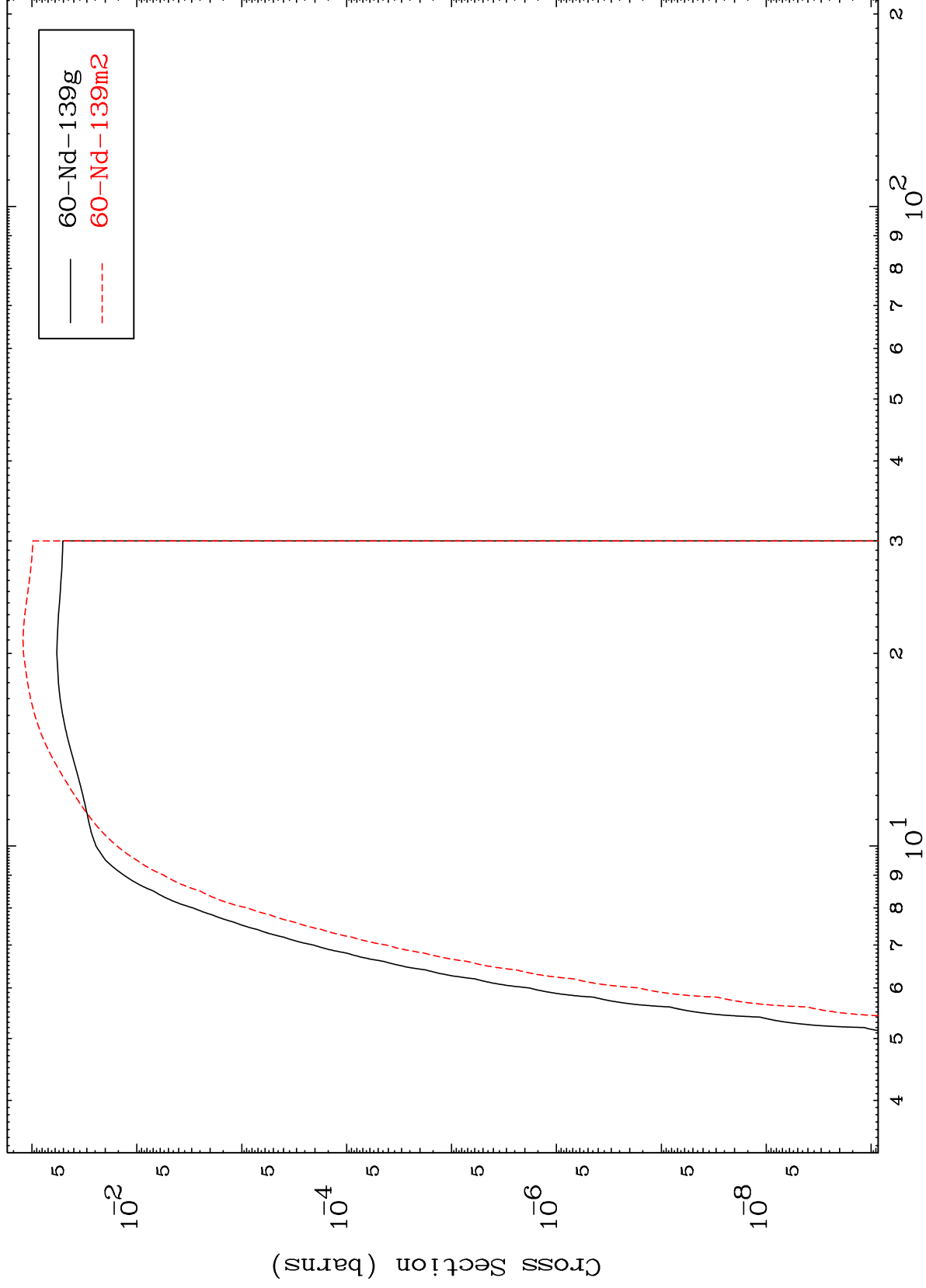




MAT 6128

61-Pm-140

(n,n') p
Radionuclide Production Cross Section



61-Pm-140

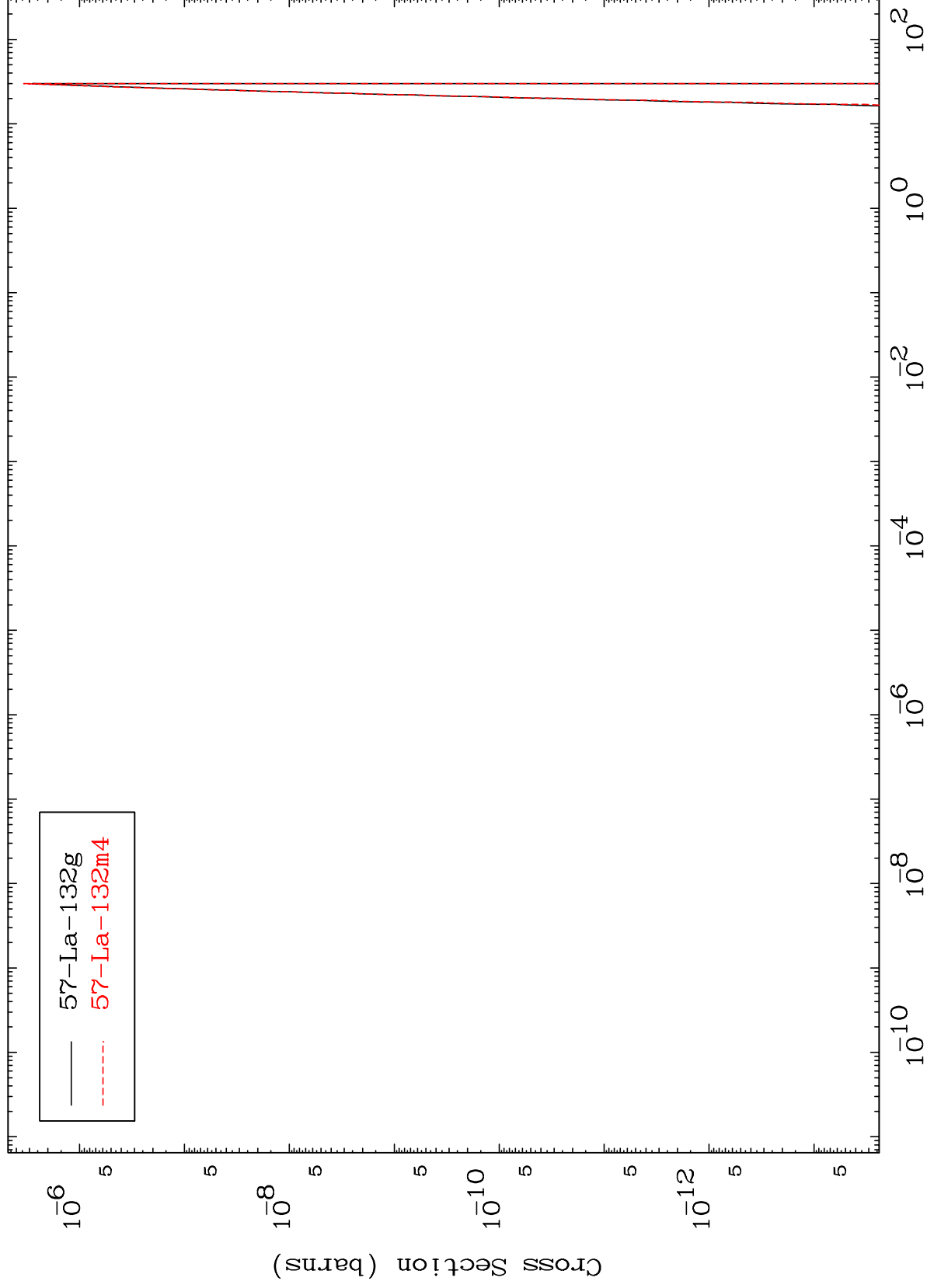
Incident Energy (MeV)

75

MAT 6128

61-Pm-140

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



61-Pm-140

Incident Energy (MeV)

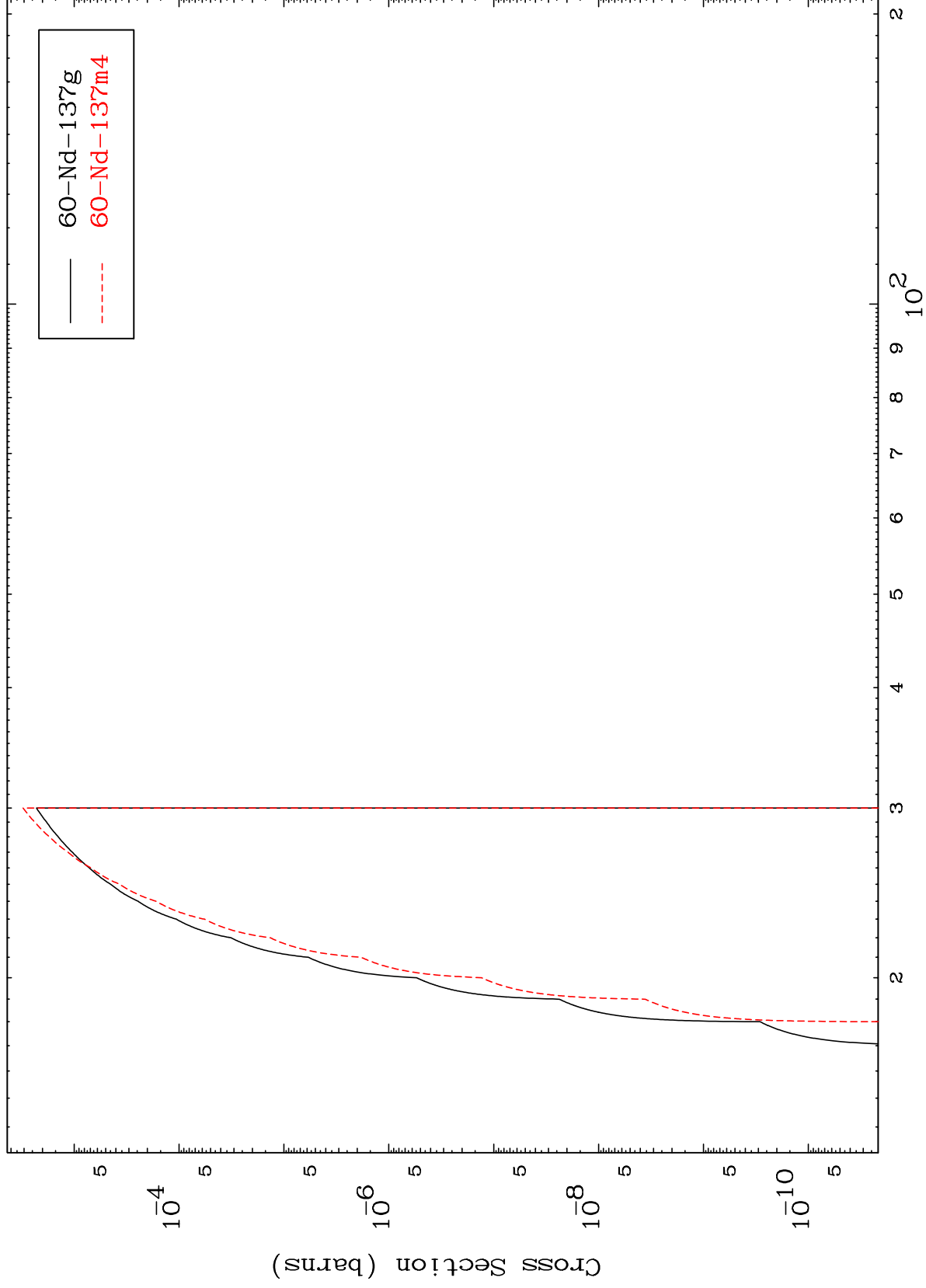
76

MAT 6128

(n,n') t

61-Pm-140

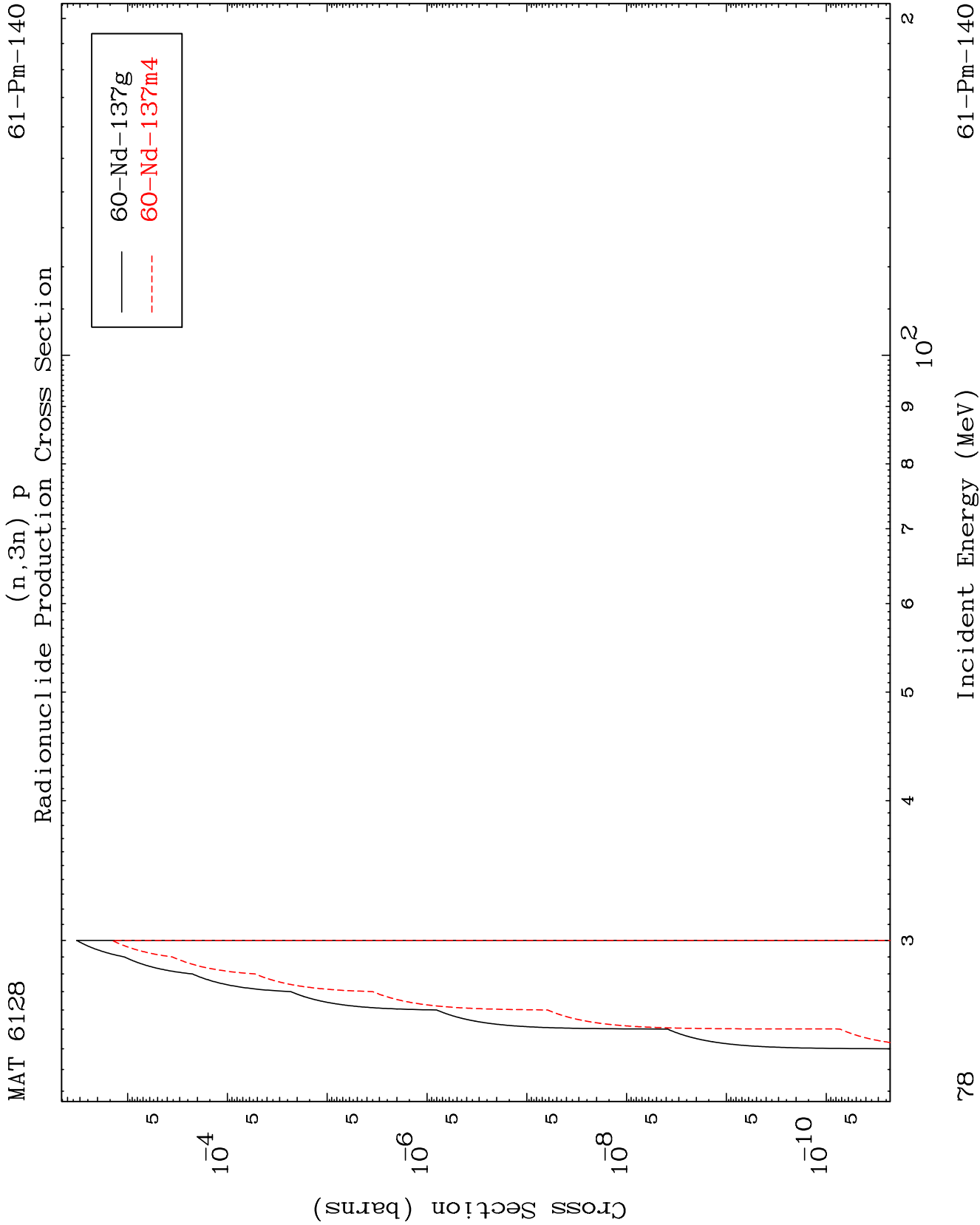
Radionuclide Production Cross Section



77

Incident Energy (MeV)

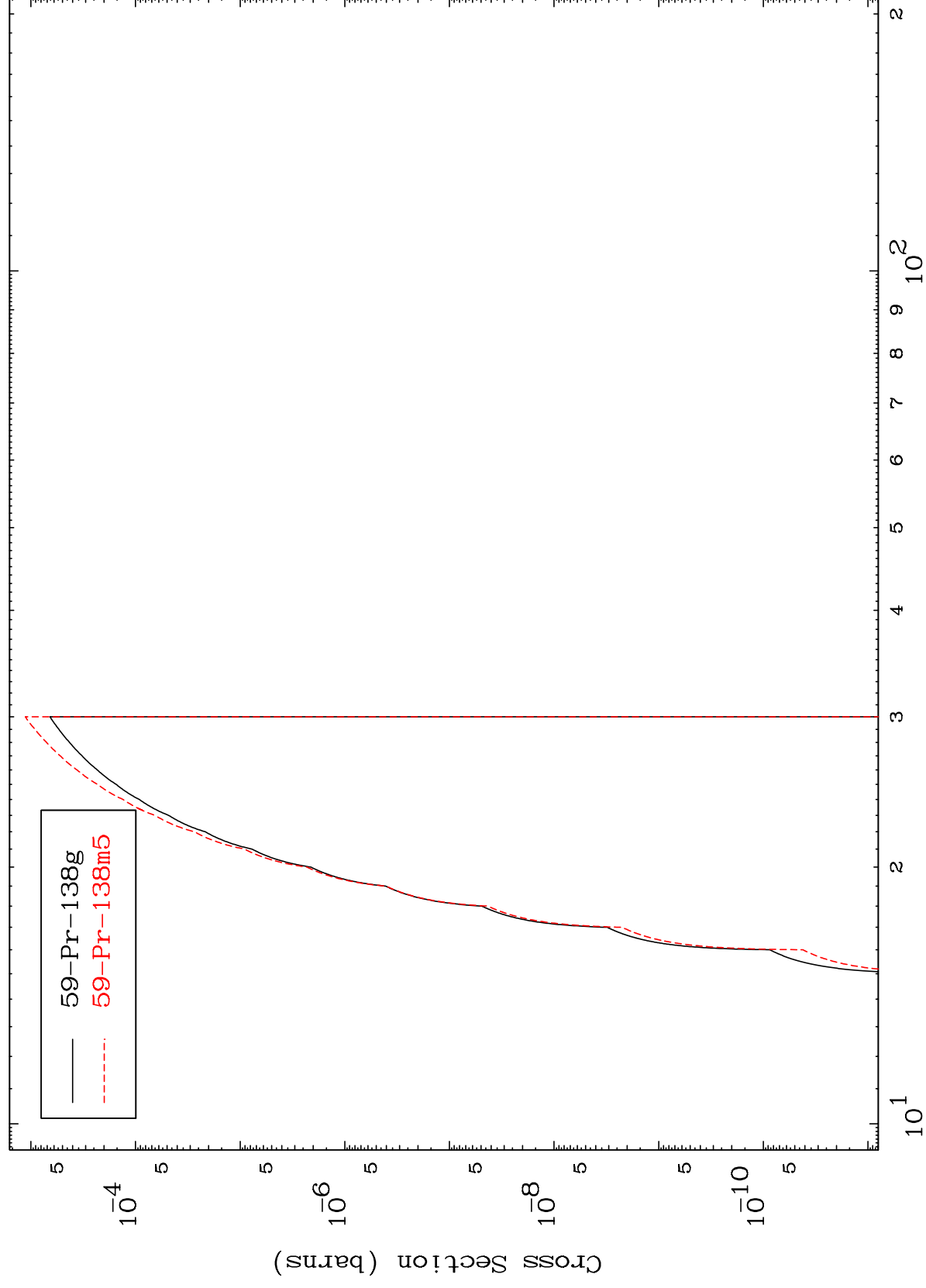
61-Pm-140



MAT 6128

61-Pm-140

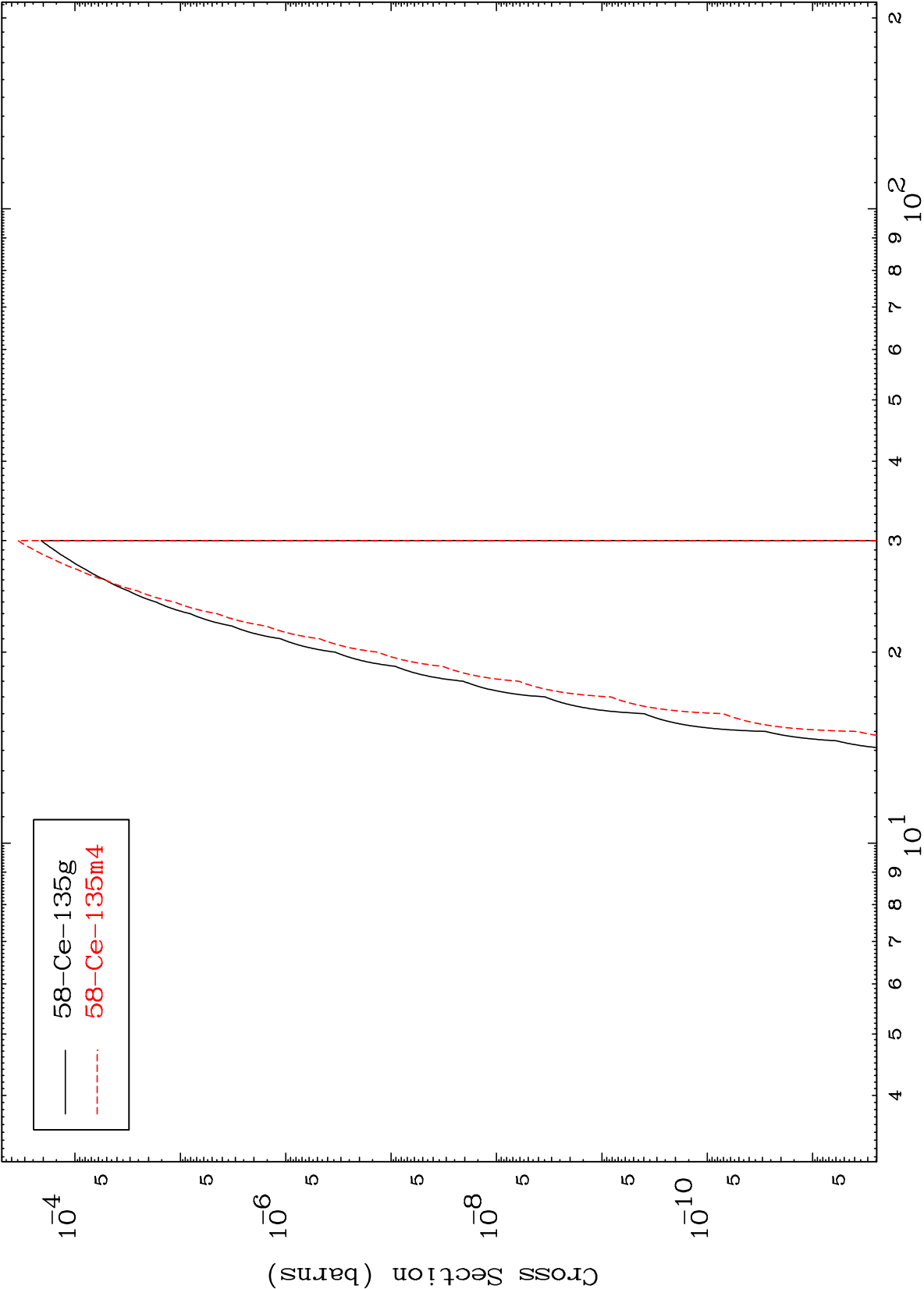
(n,2n) p
Radionuclide Production Cross Section

$$(n, 2n) \text{ p}$$


MAT 6128

61-Pm-140

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

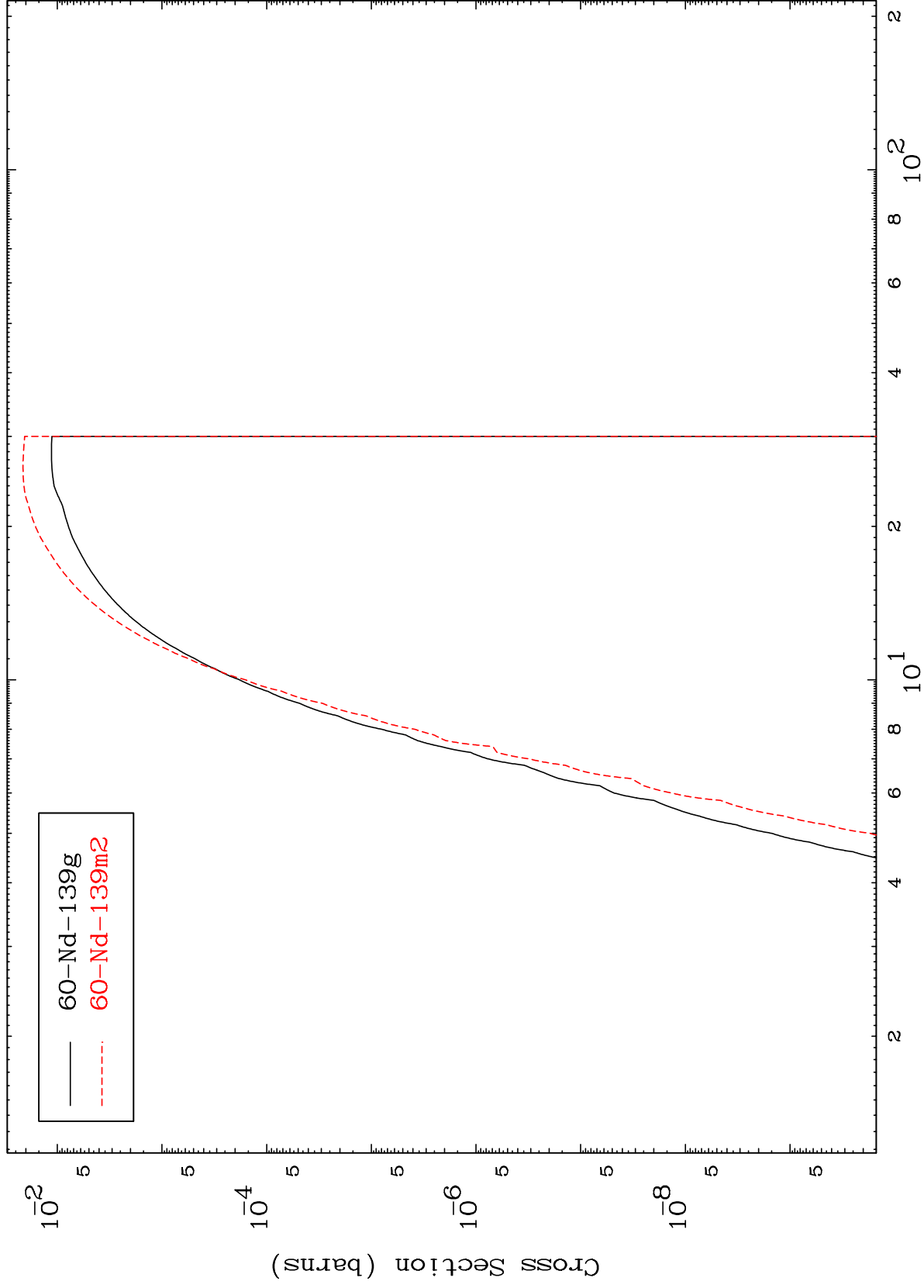


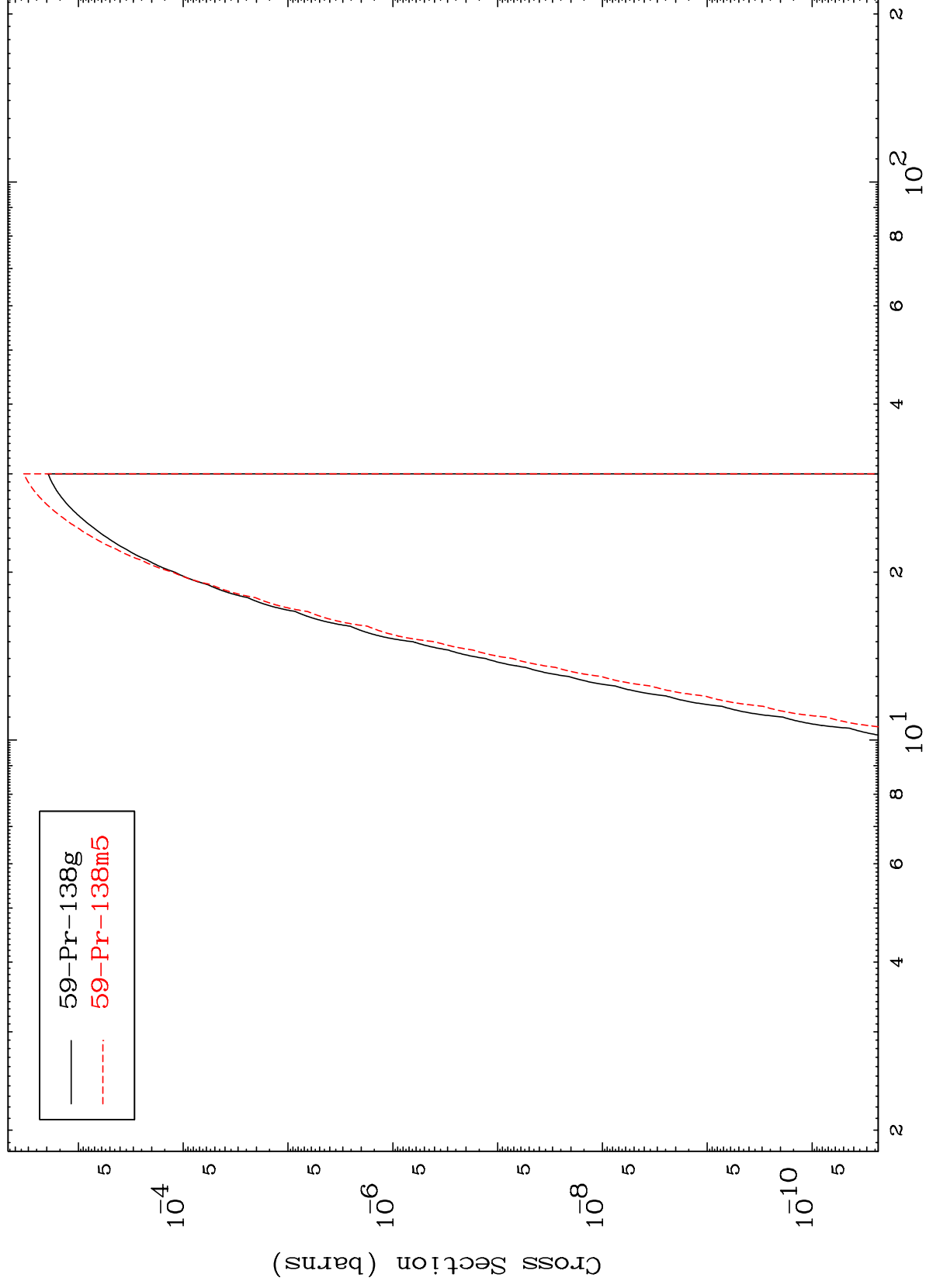
80

Incident Energy (MeV)

61-Pm-140

(n,d)
Radionuclide Production Cross Section

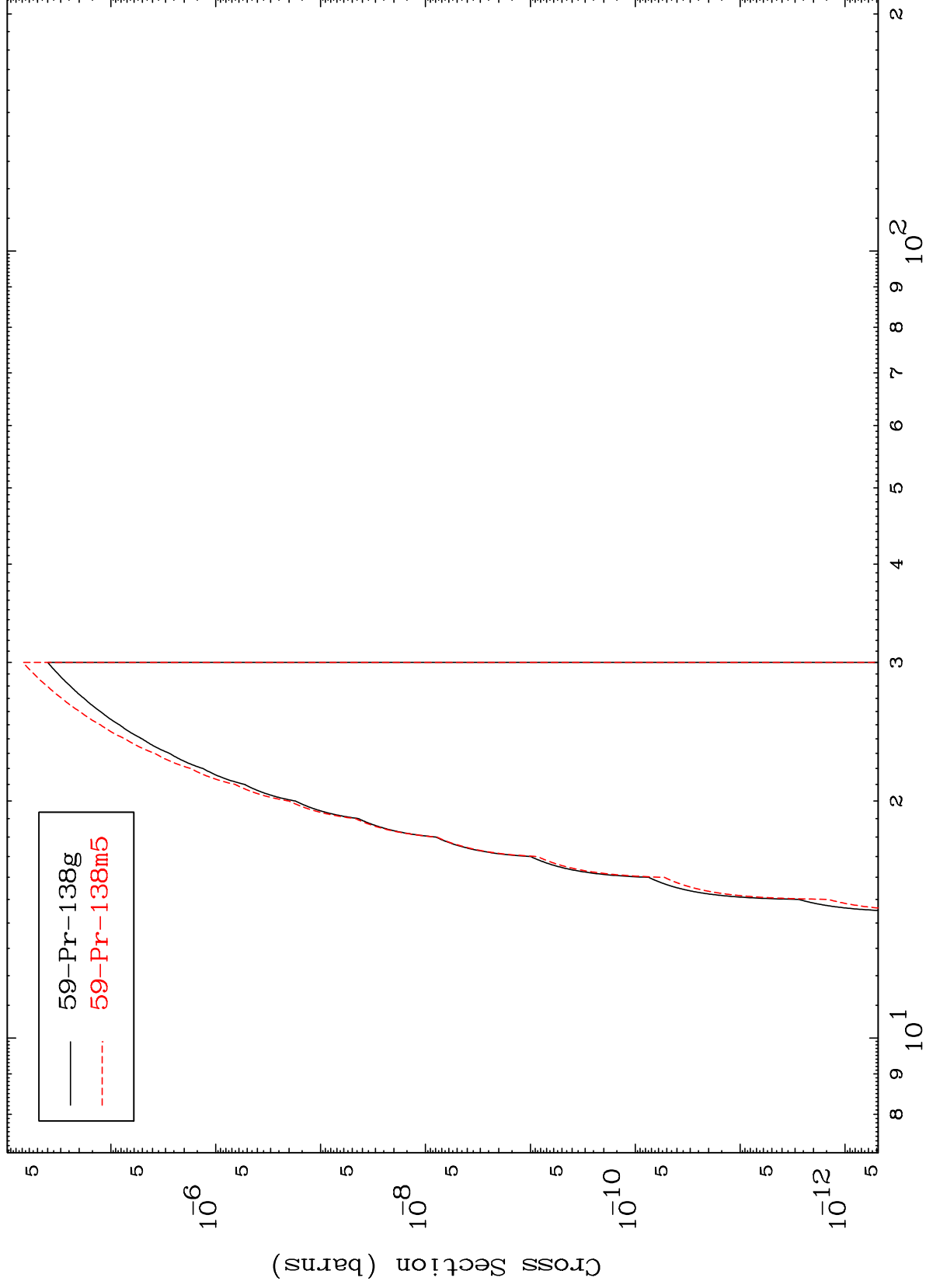


Radionuclide Production Cross Section
(n,He-3)

MAT 6128

61-Pm-140

(n,p) d
Radionuclide Production Cross Section



61-Pm-140

Incident Energy (MeV)

83

