

Program EVALPLOT
(Version 2021-1)

by

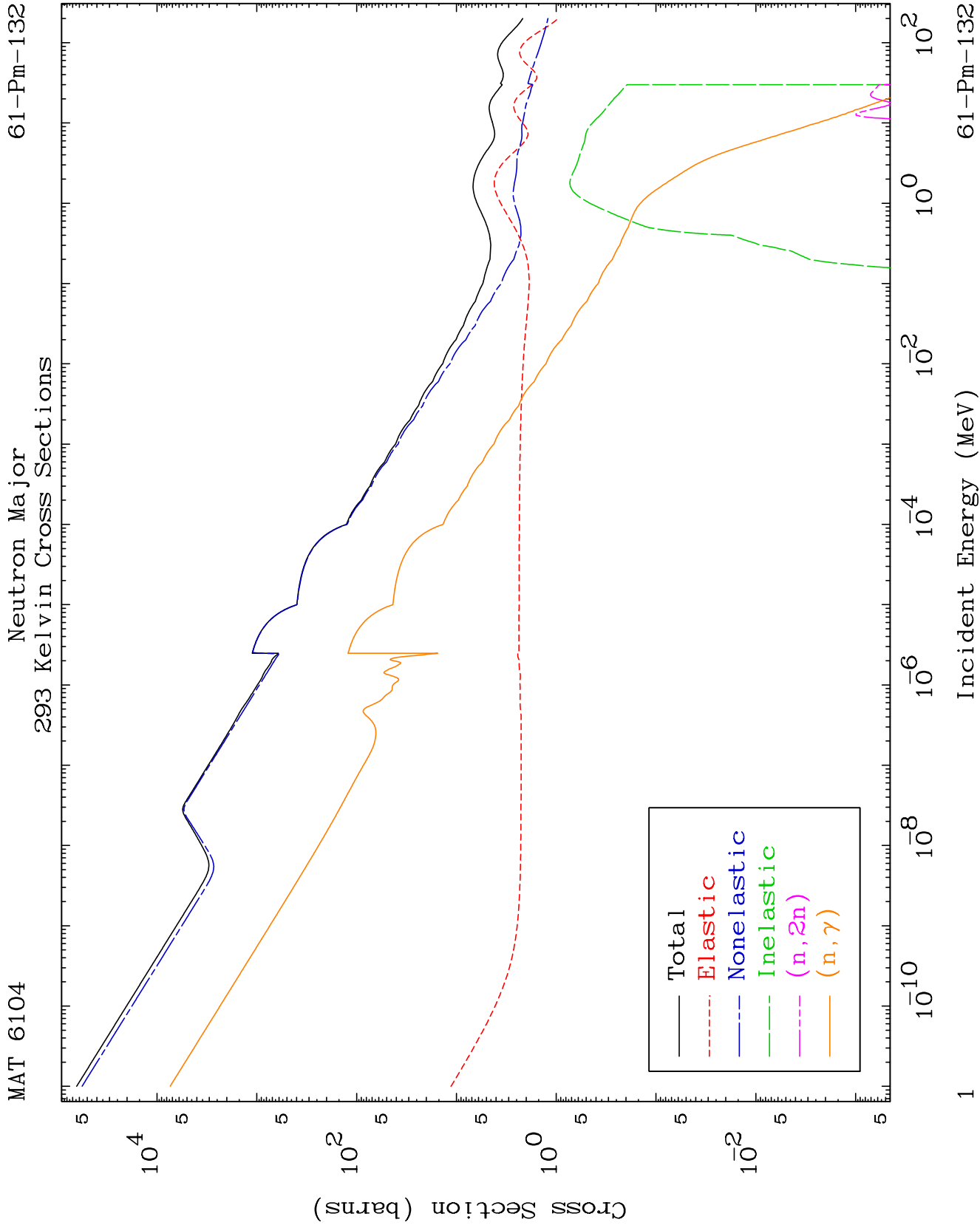
Dermott E. Cullen
(Present Contact Information)

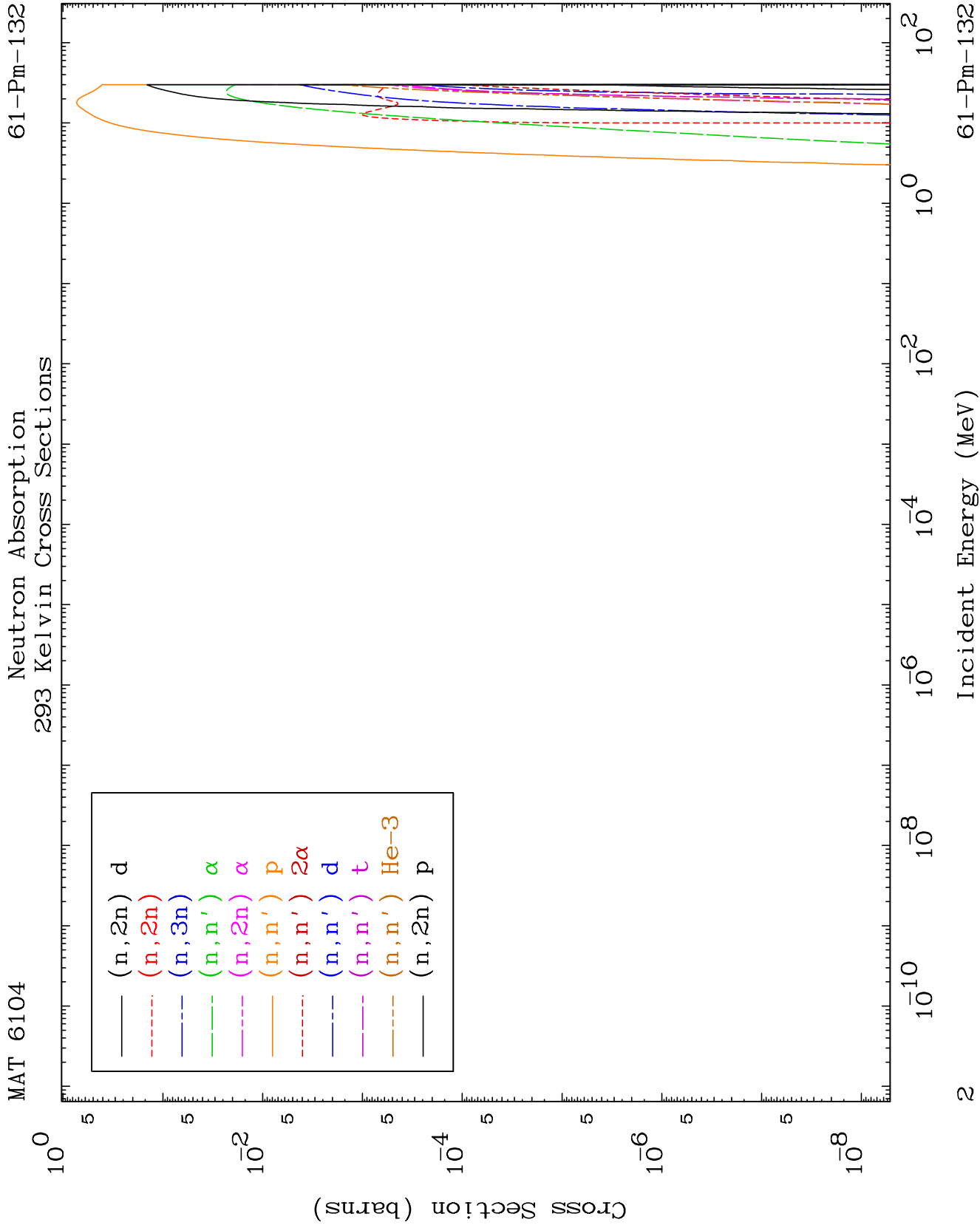
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

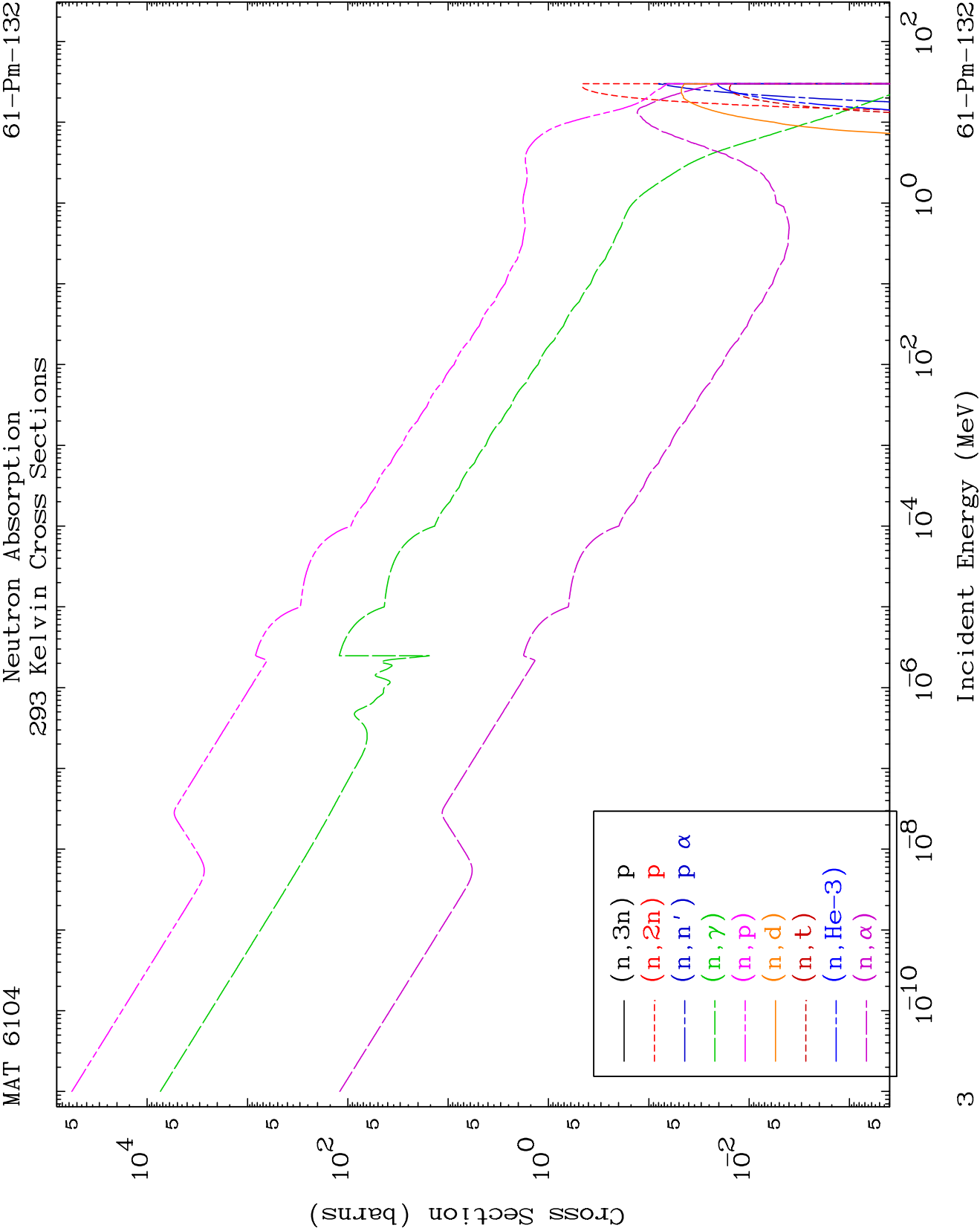
Tele: 925-443-1911

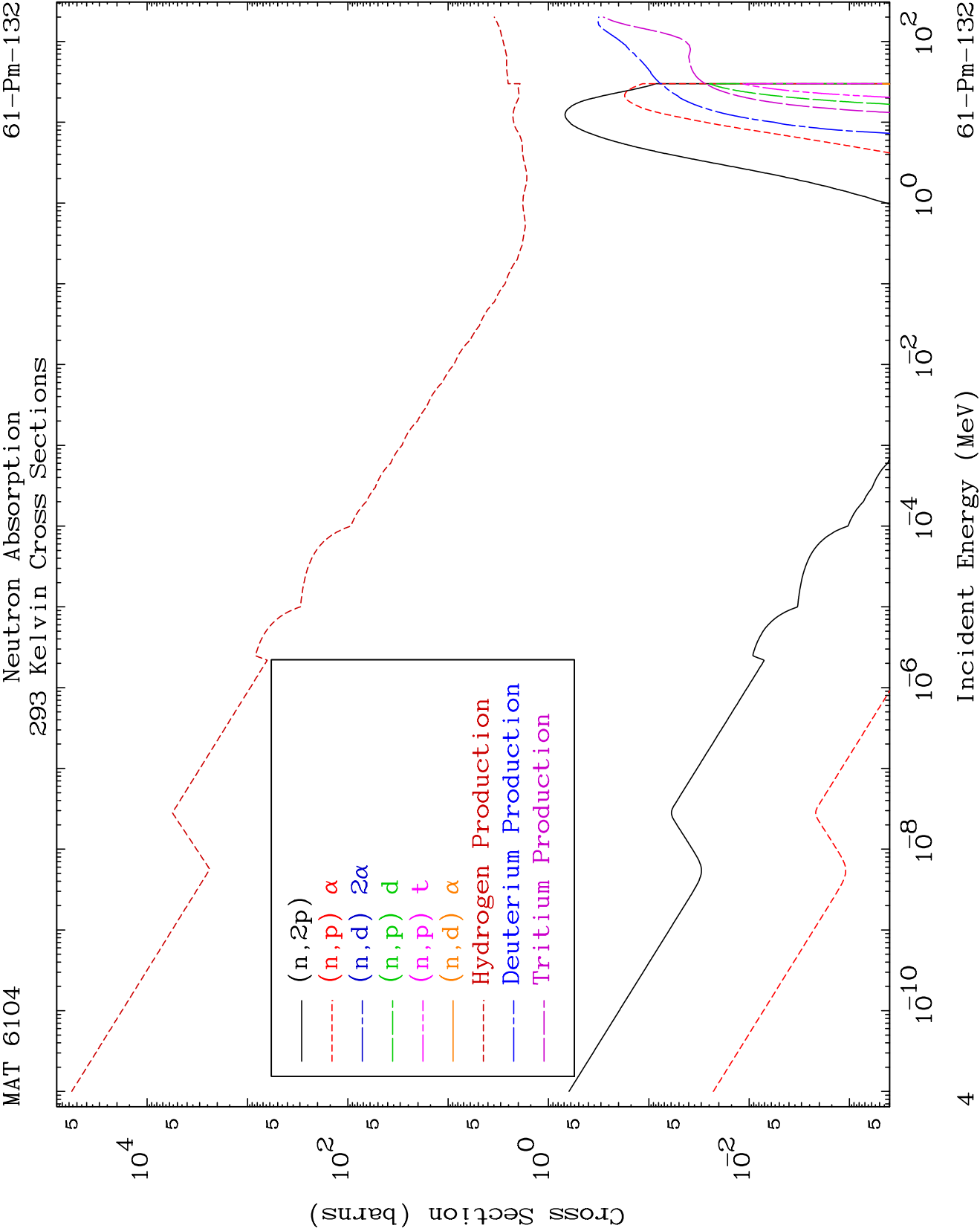
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

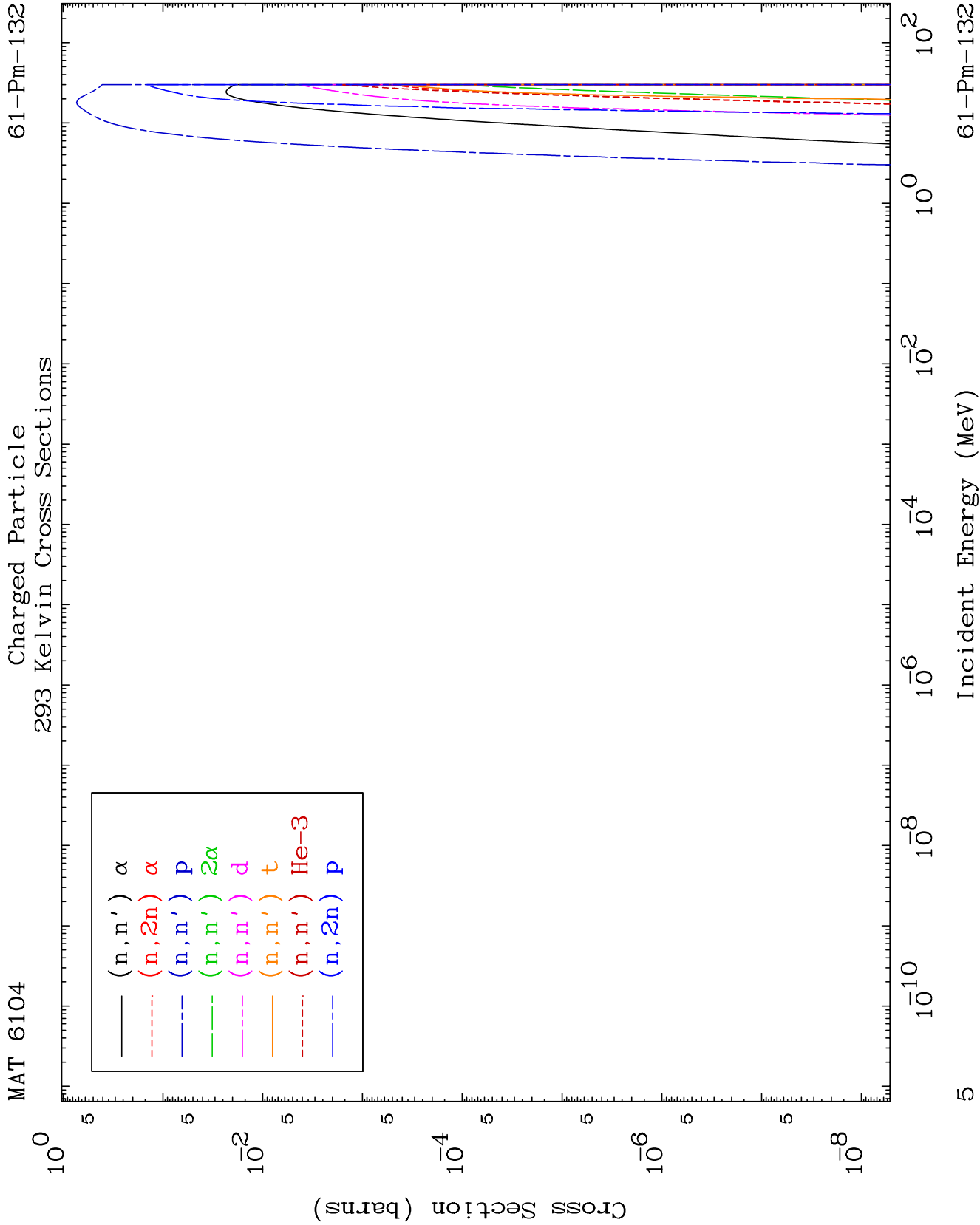
Press Mouse Button to Start

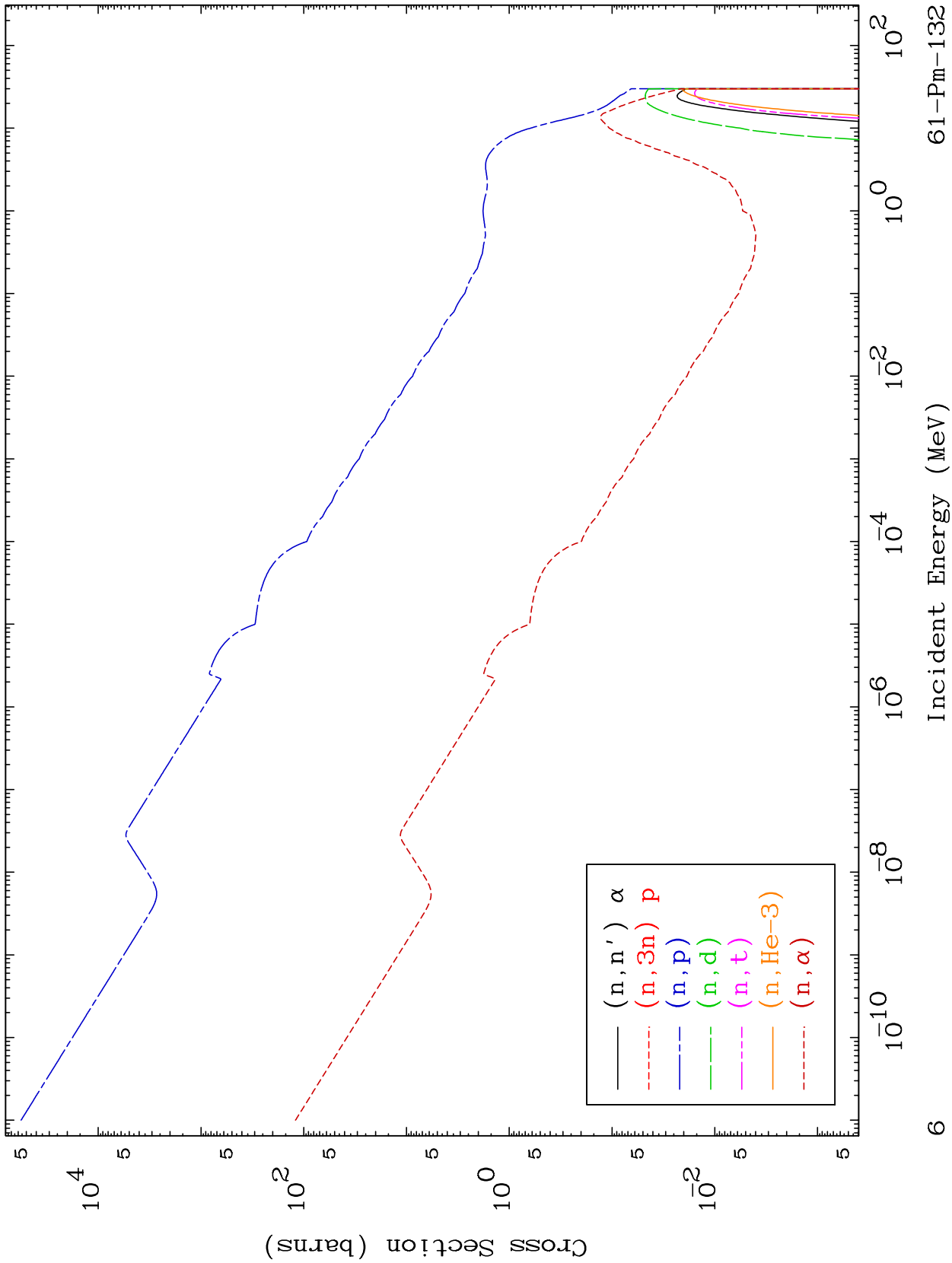


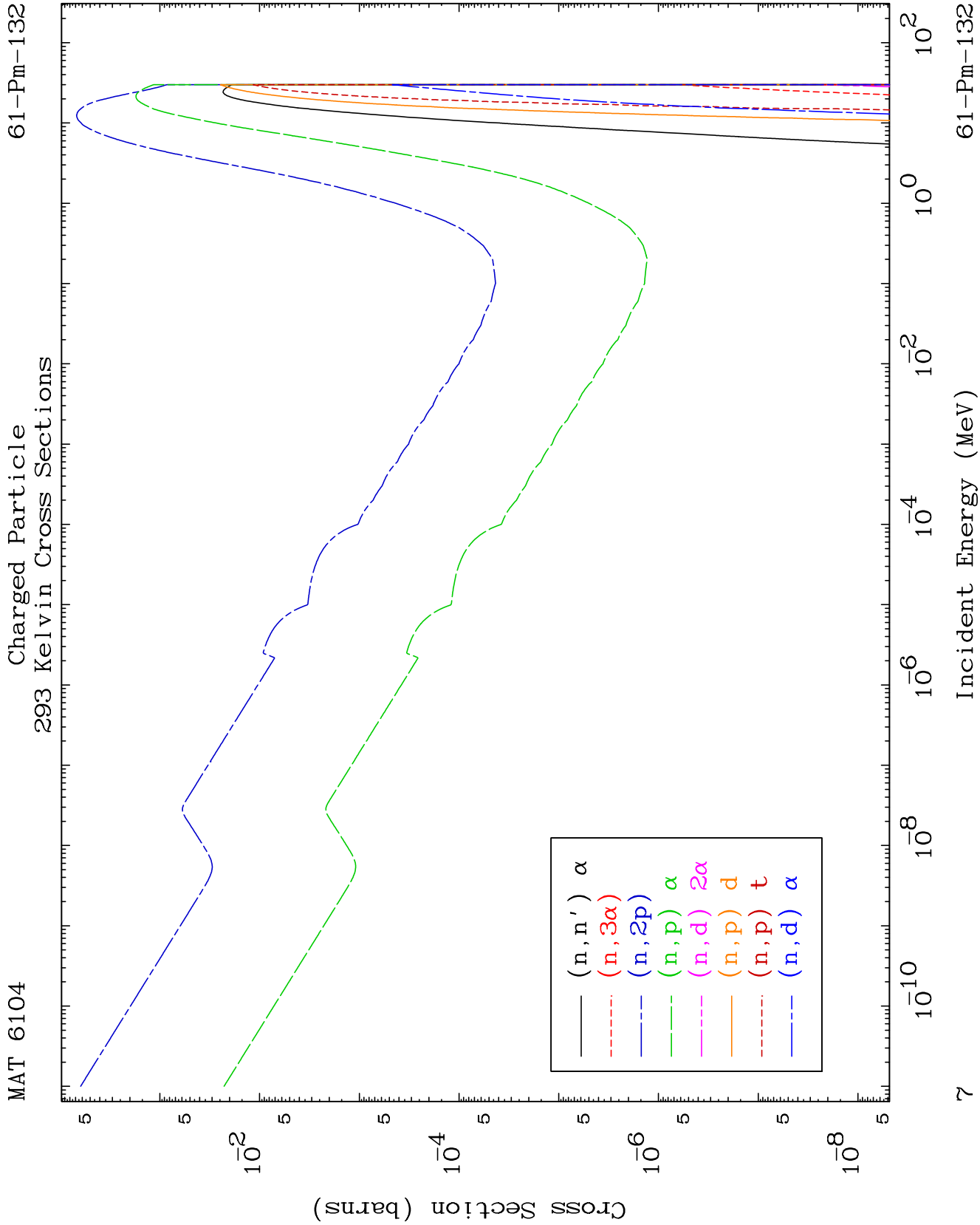


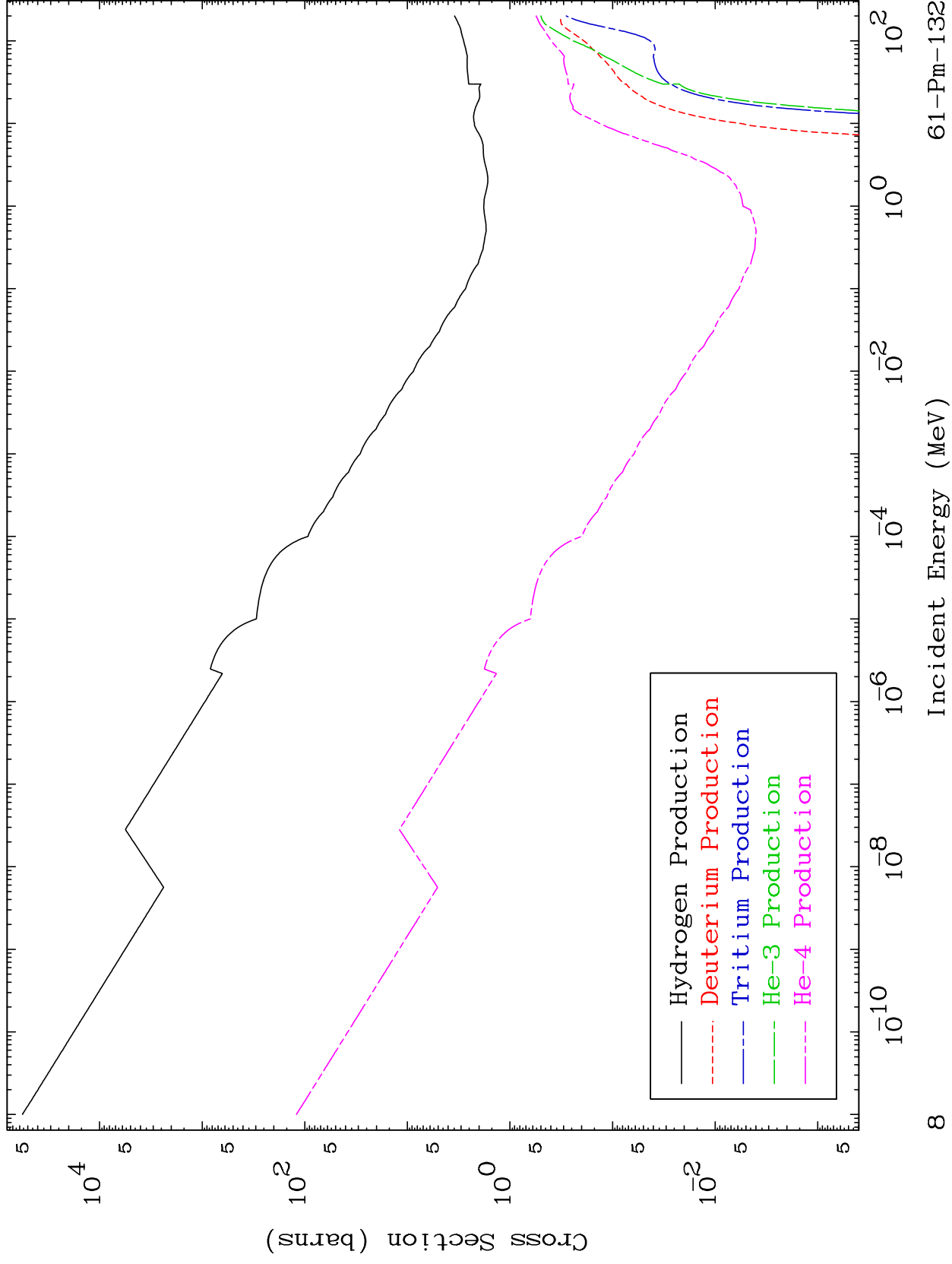




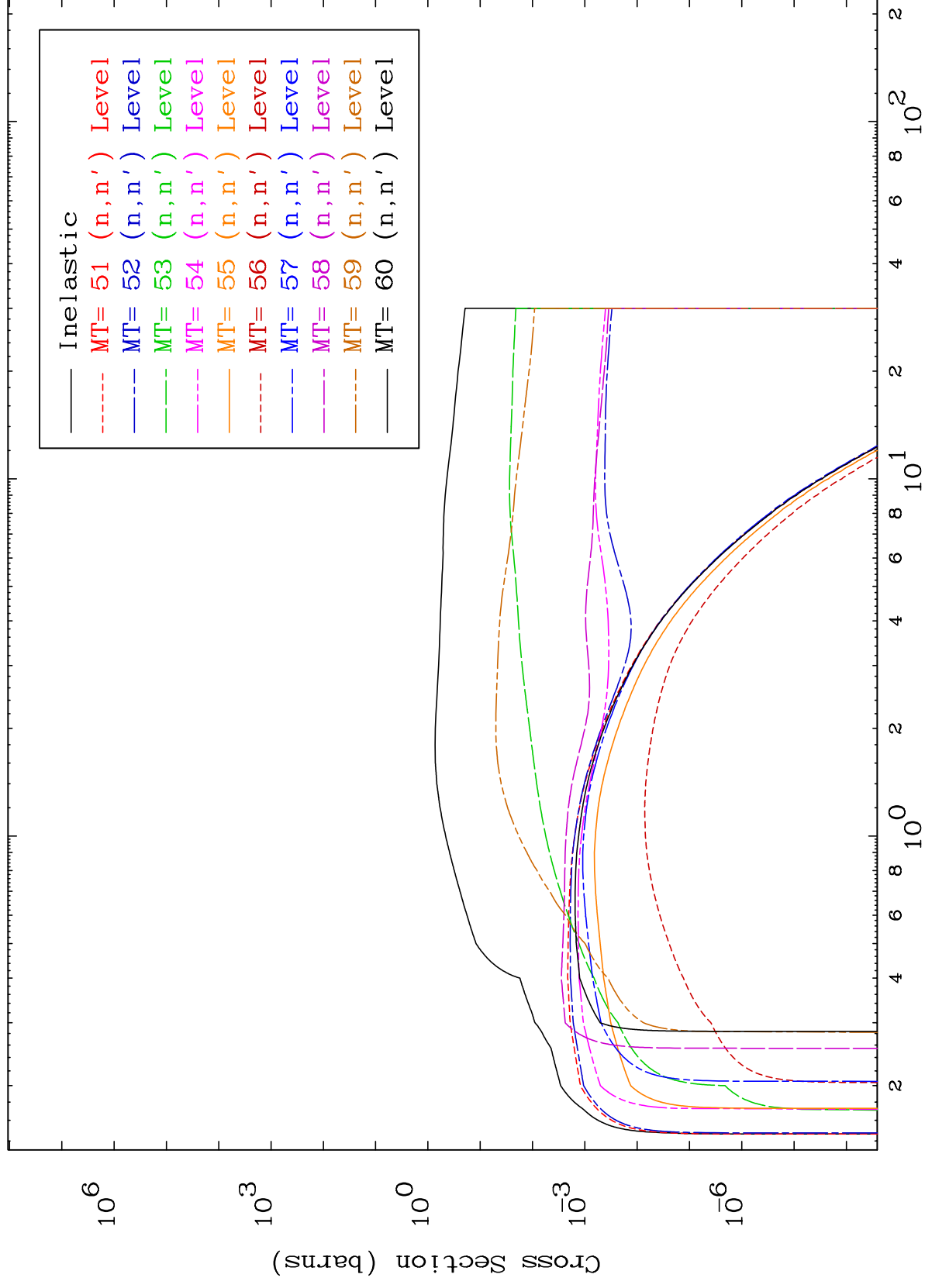








(n,n') Levels
293 Kelvin Cross Sections

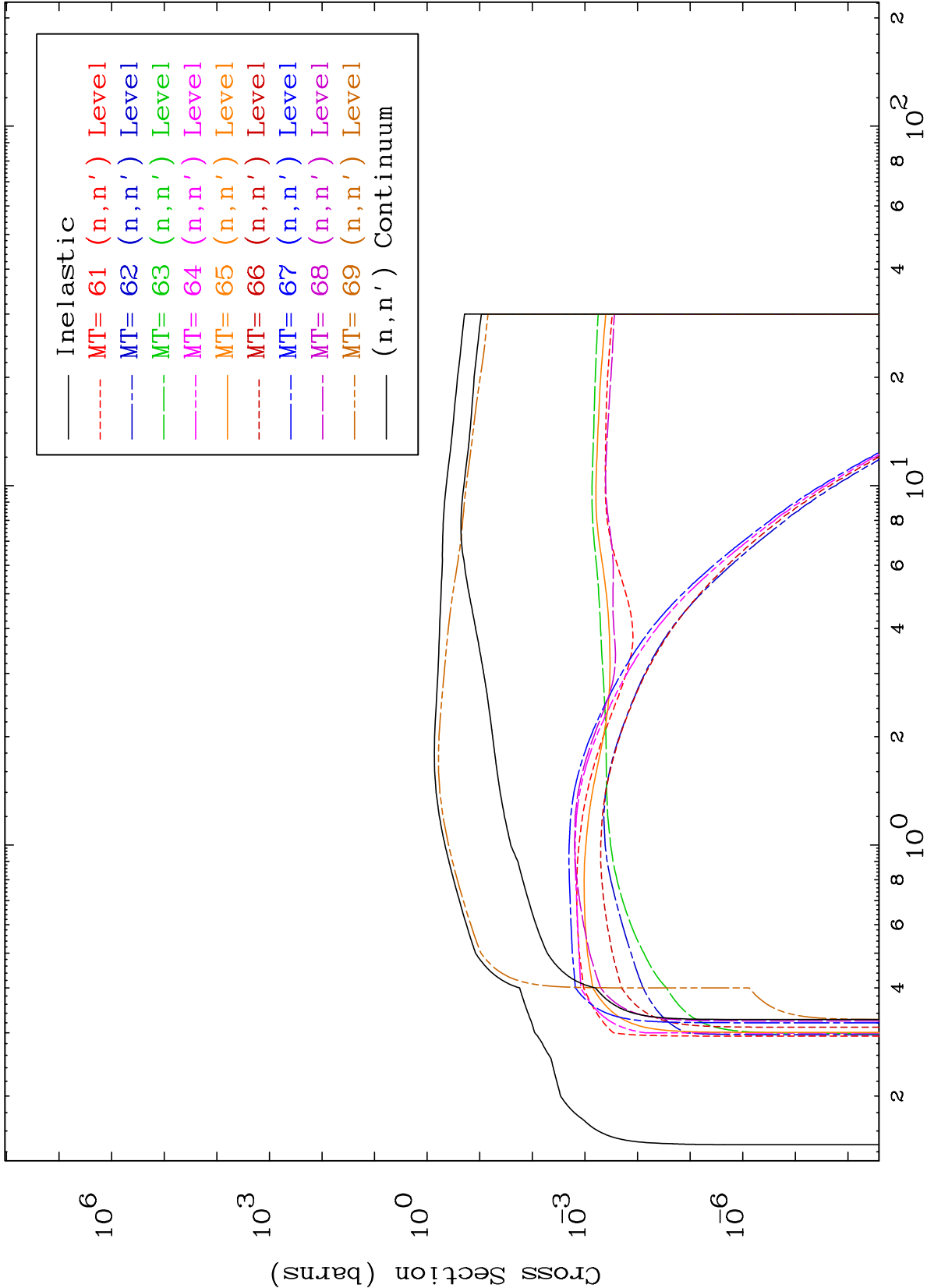


MAT 6104

(n,n') Levels

293 Kelvin Cross Sections

61-Pm-132



10

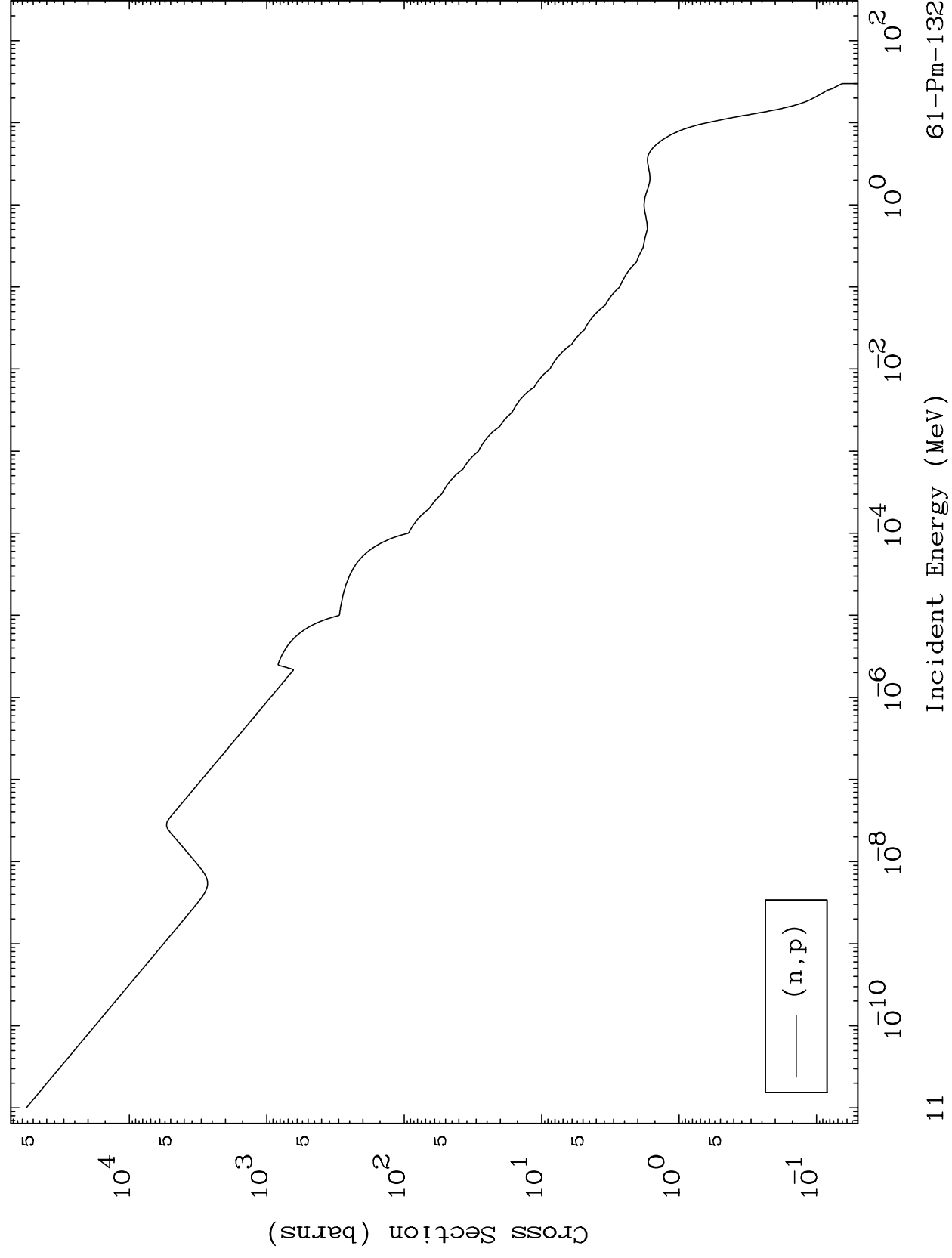
Incident Energy (MeV)

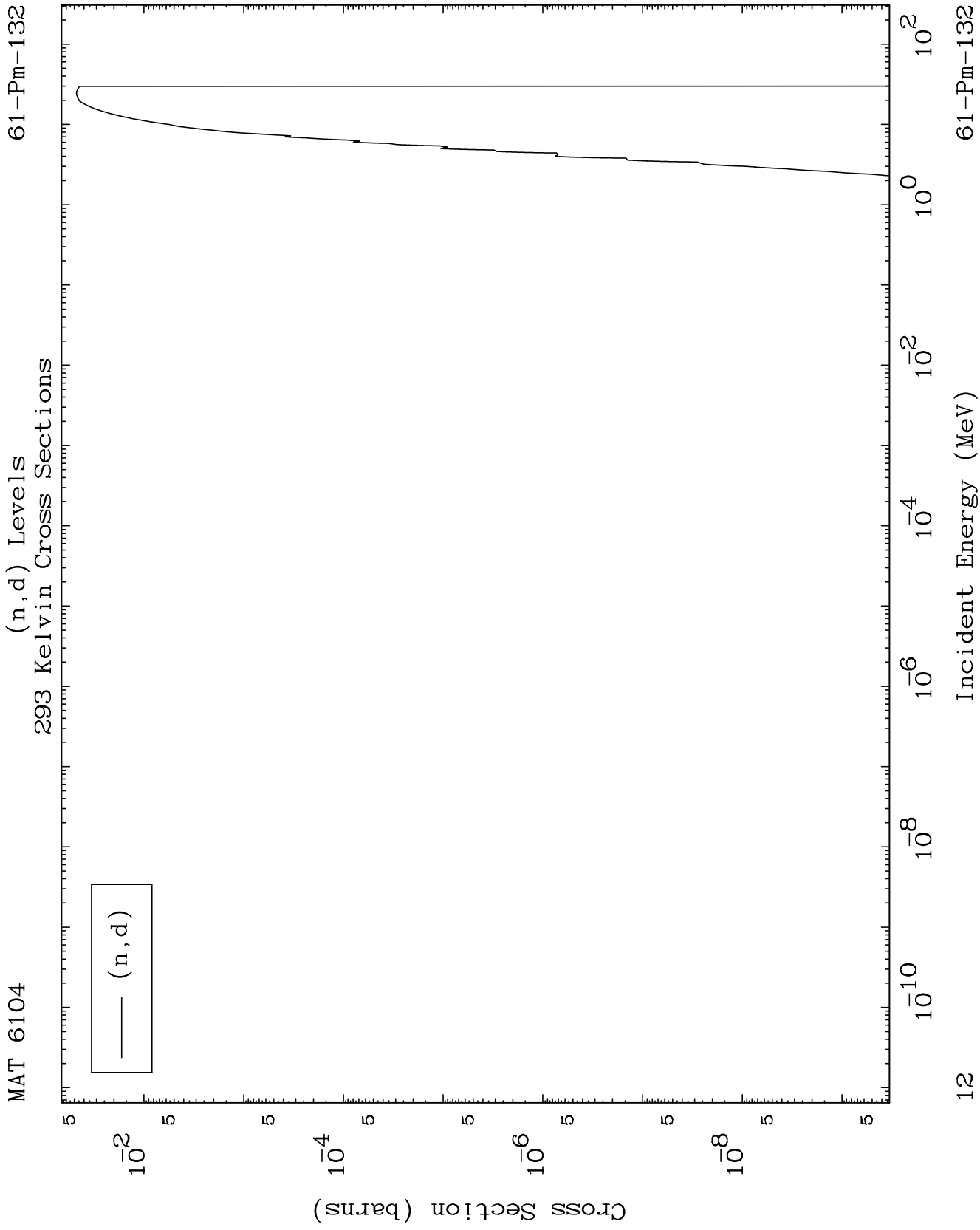
61-Pm-132

MAT 6104

61-Pm-132

(n, p) Levels
293 Kelvin Cross Sections

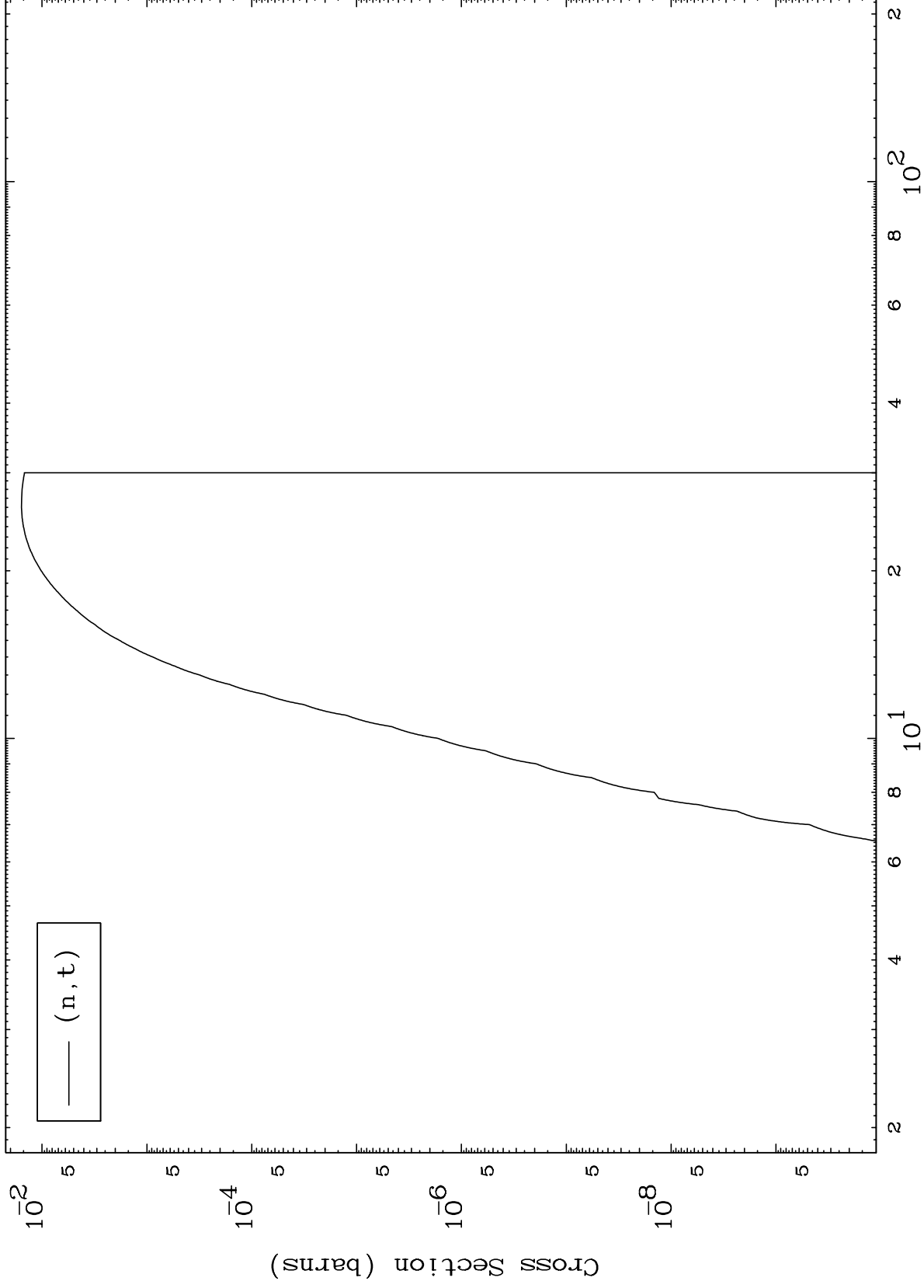




MAT 6104

61-Pm-132

(n,t) Levels
293 Kelvin Cross Sections



61-Pm-132

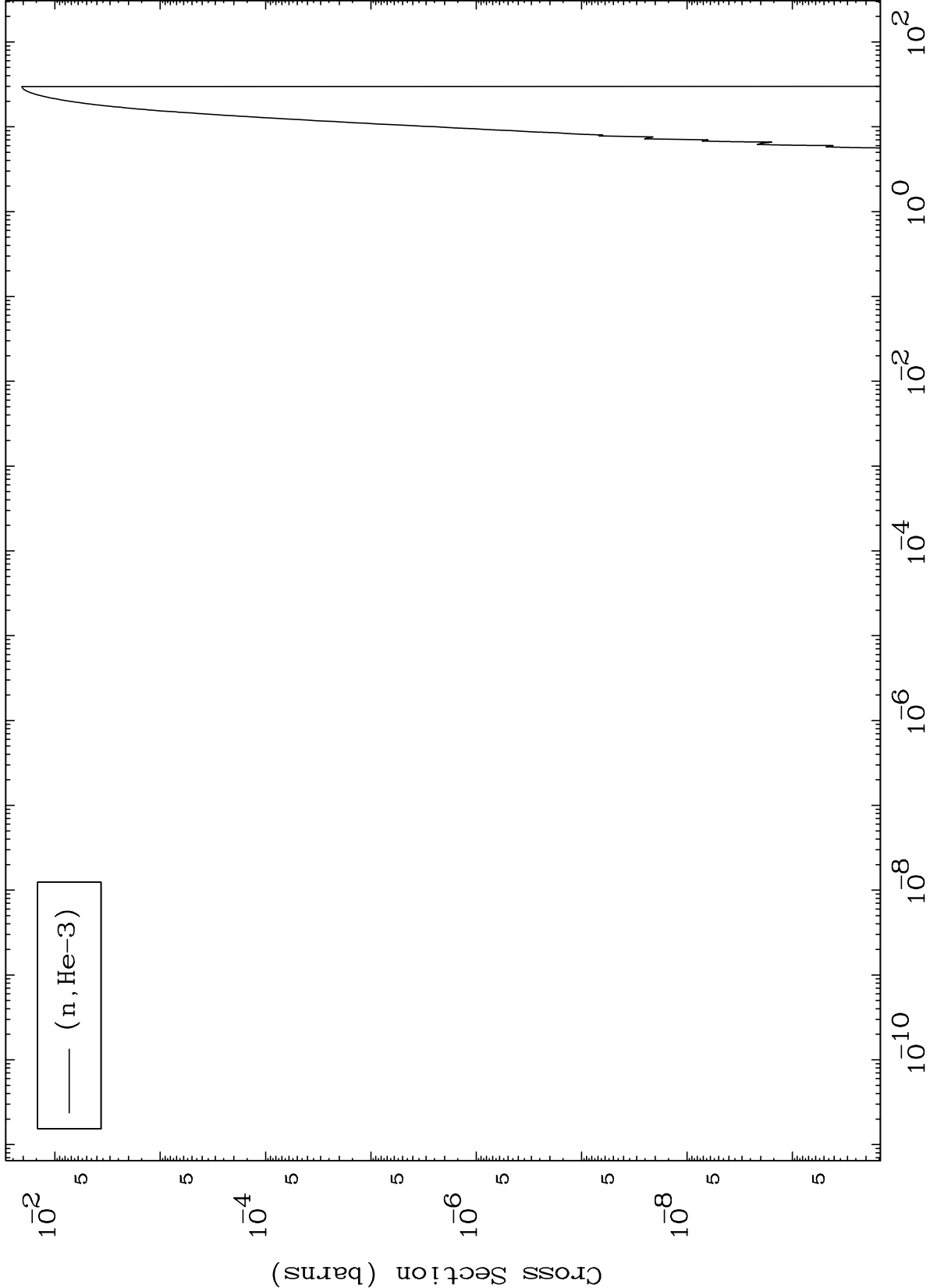
Incident Energy (MeV)

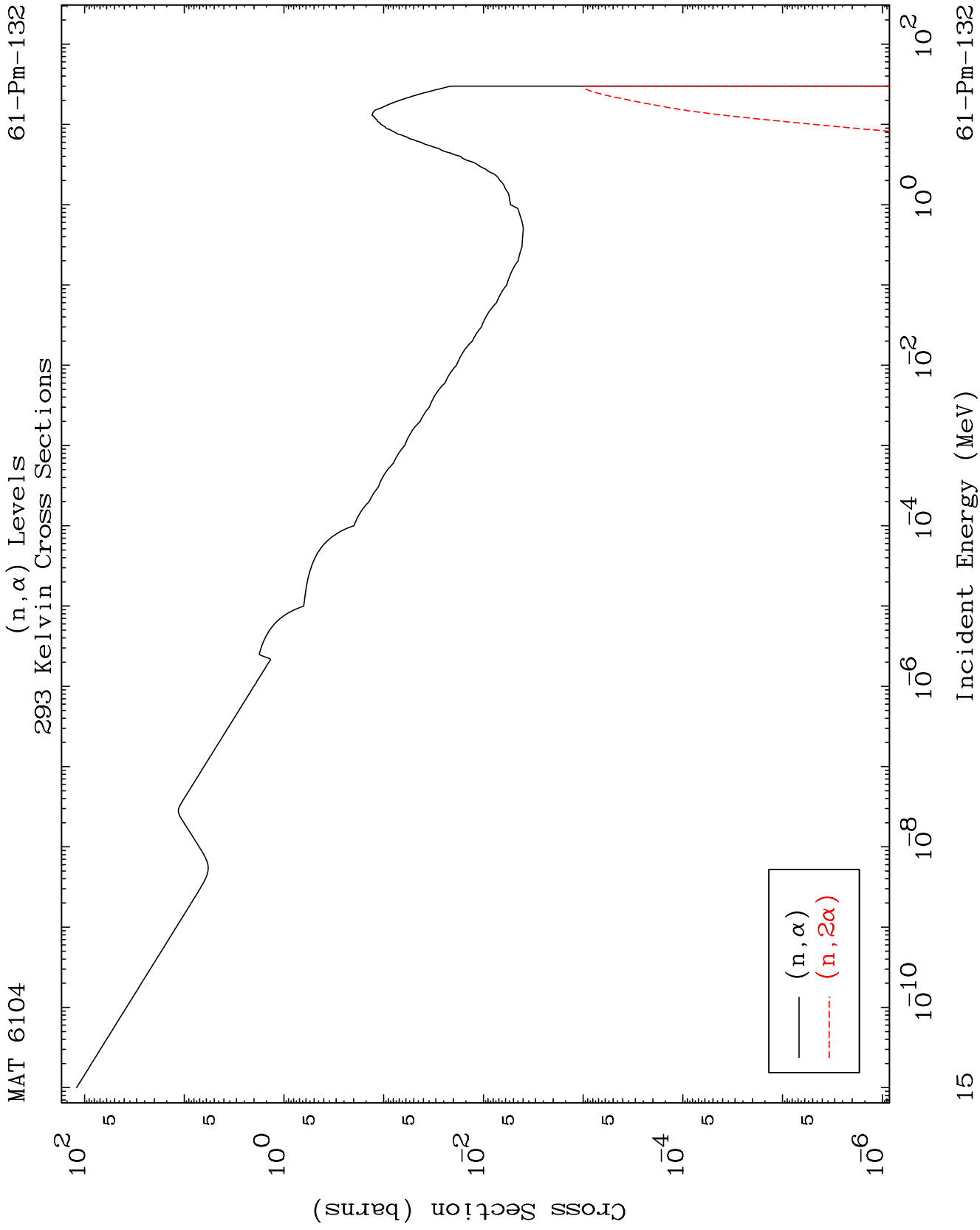
13

MAT 6104

(n,He3) Levels
293 Kelvin Cross Sections

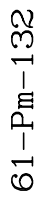
61-Pm-132





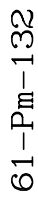
61-Pm-132

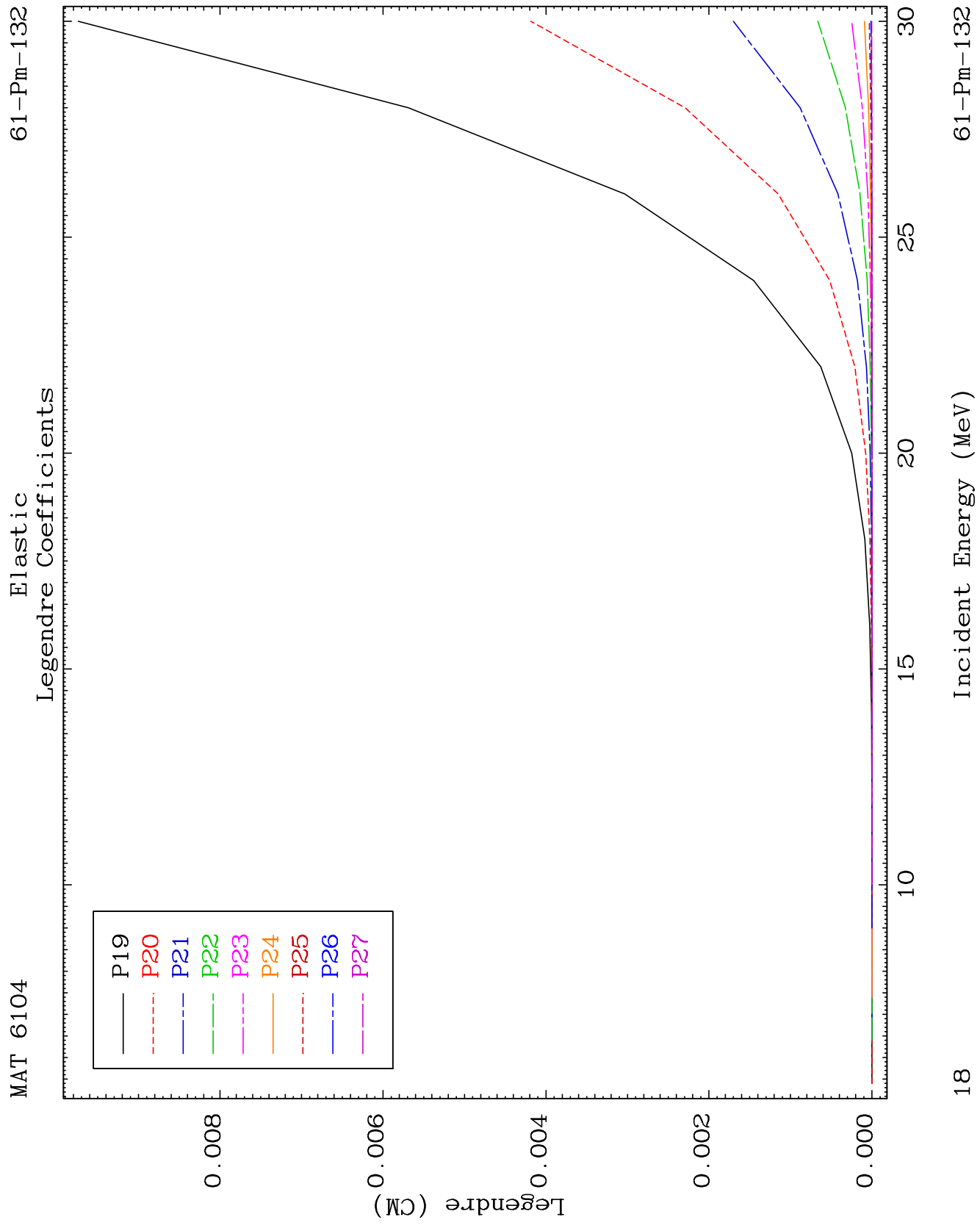
61-Pm-132

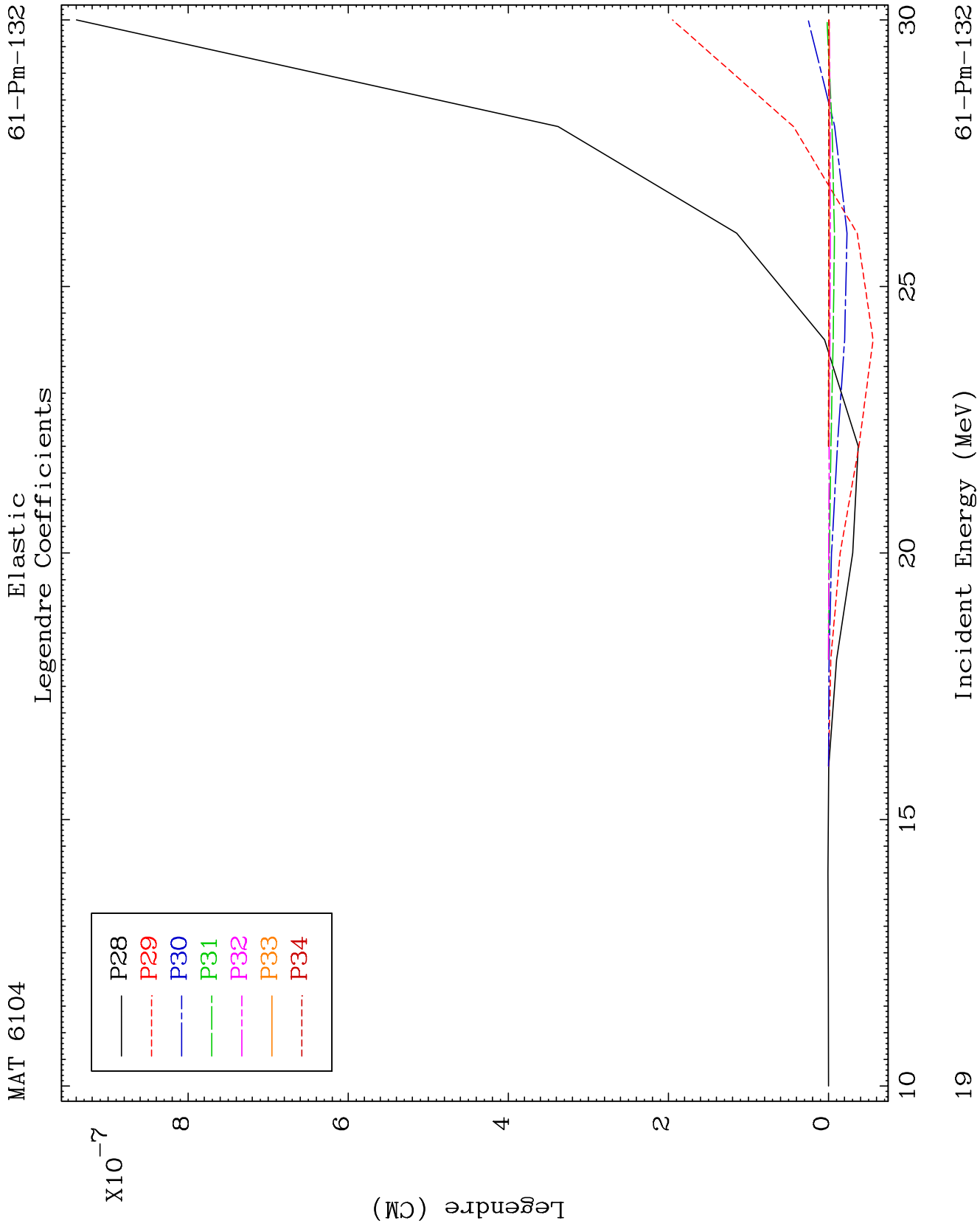


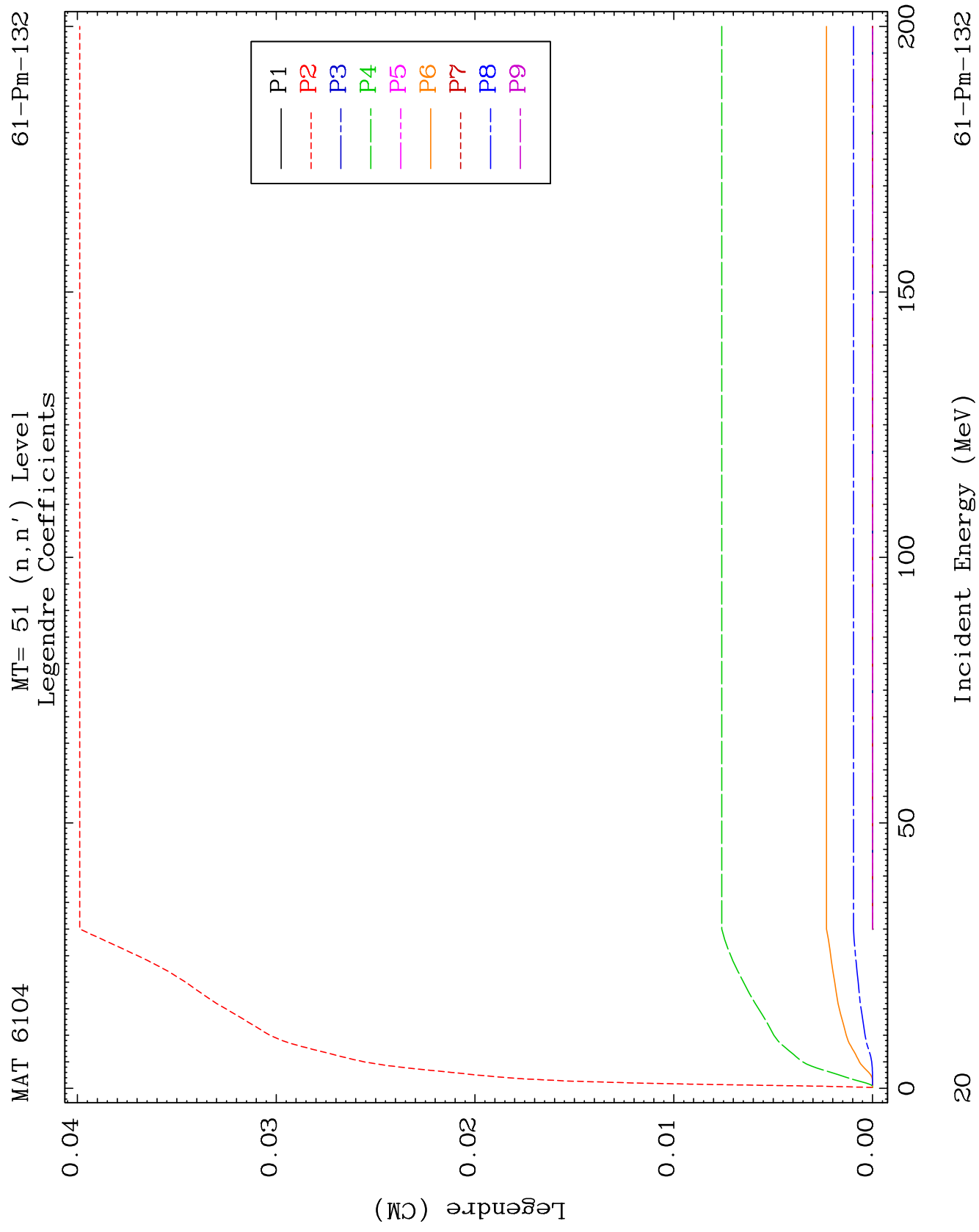
61-Pm-132

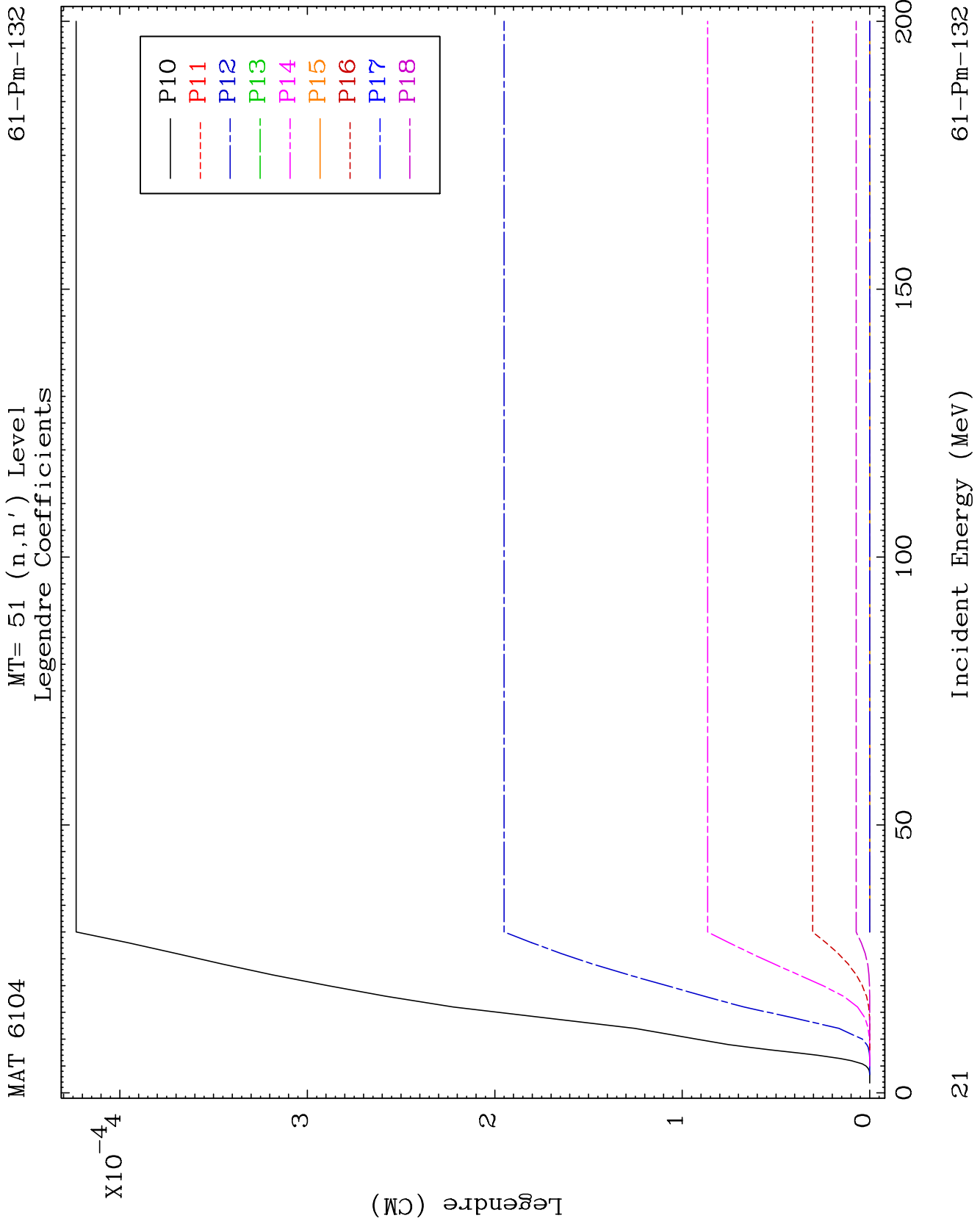
61-Pm-132

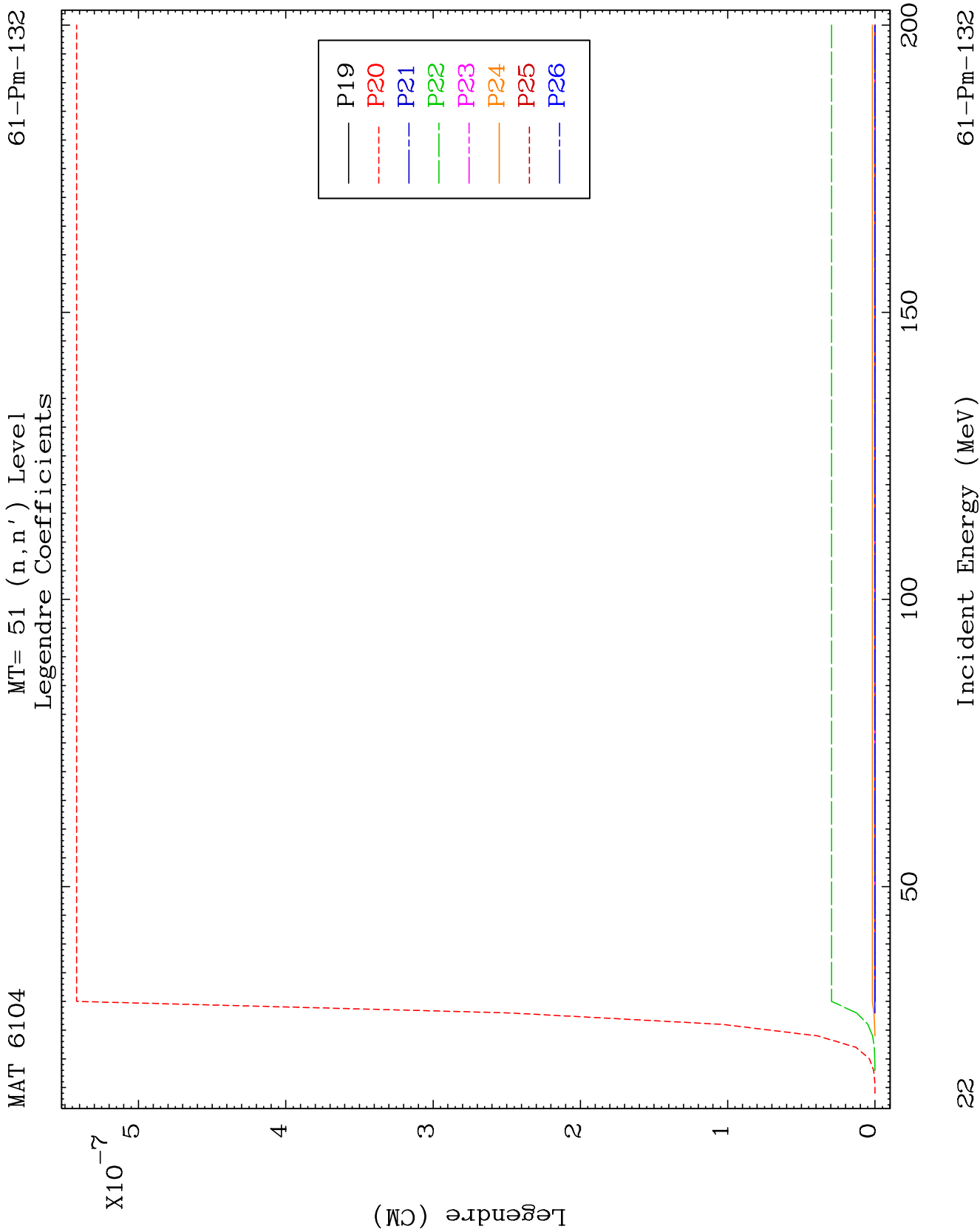


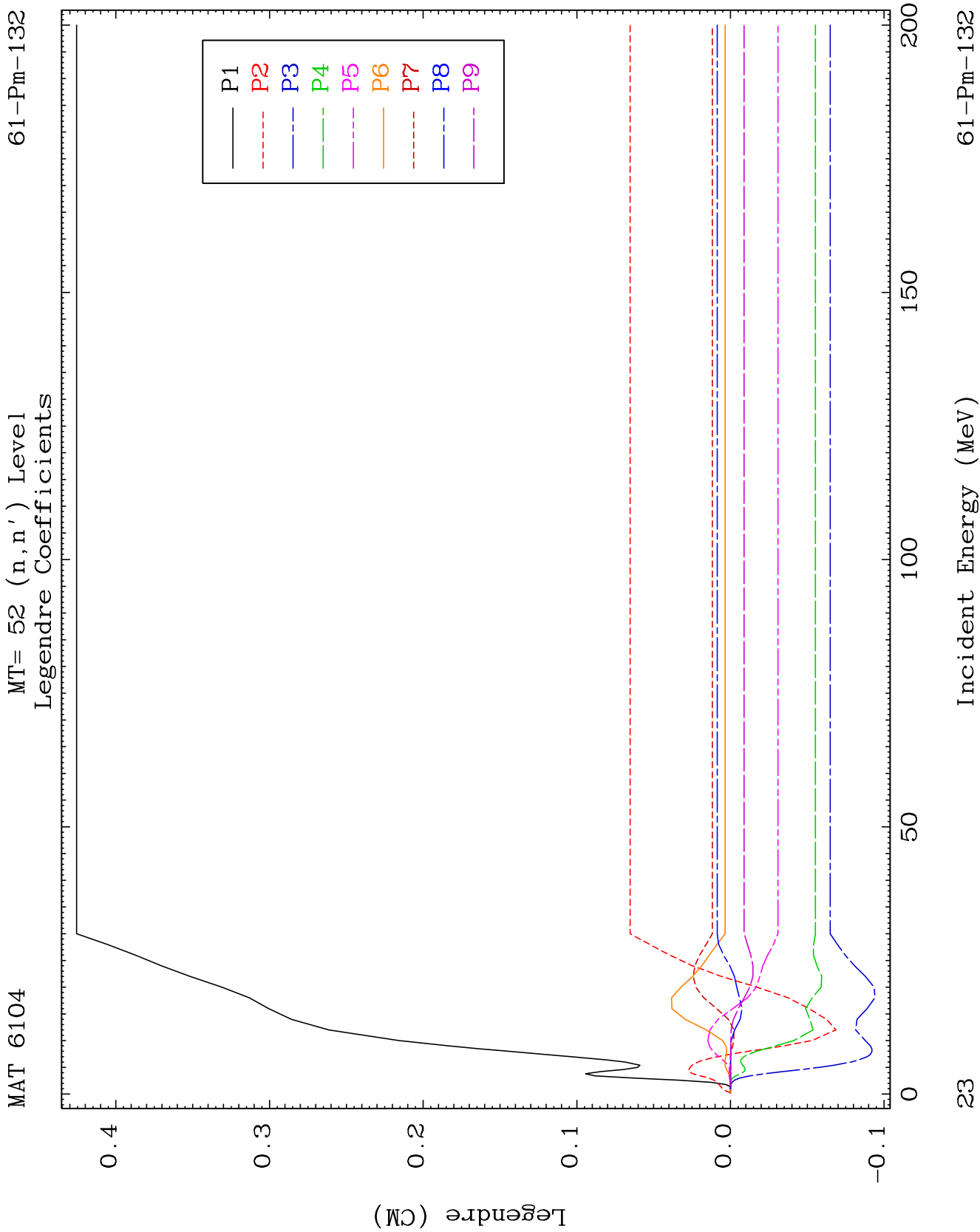


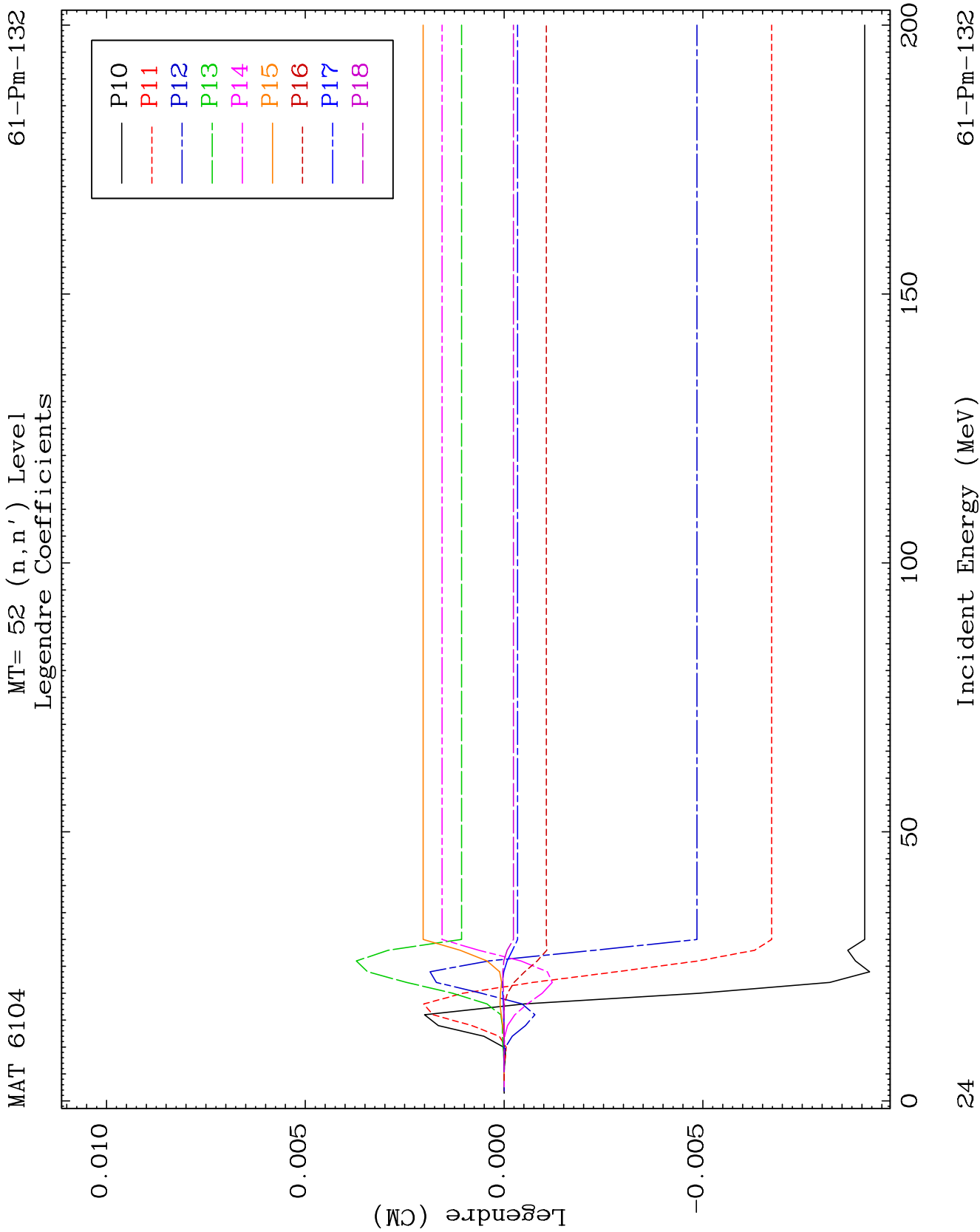


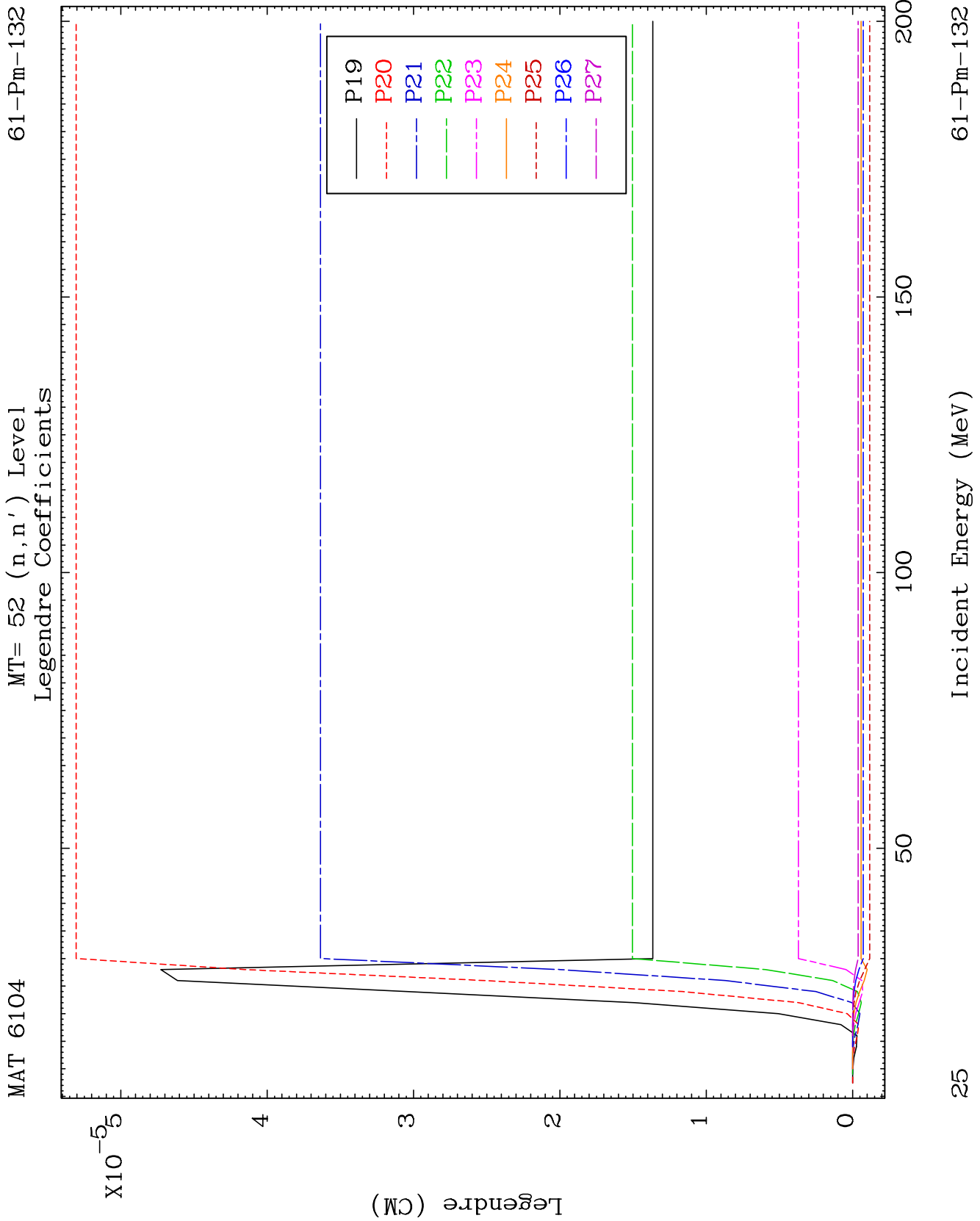








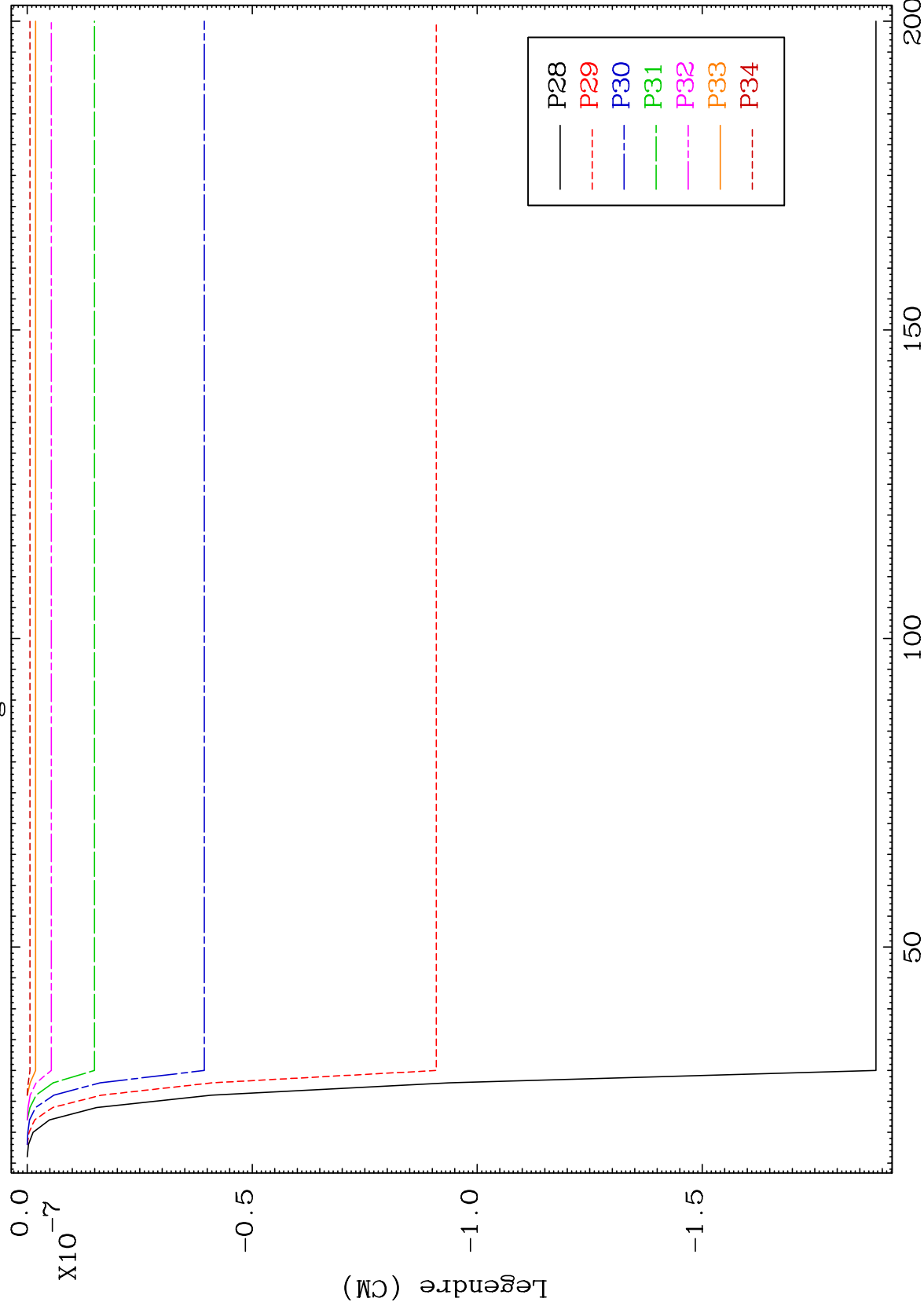




MAT 6104

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

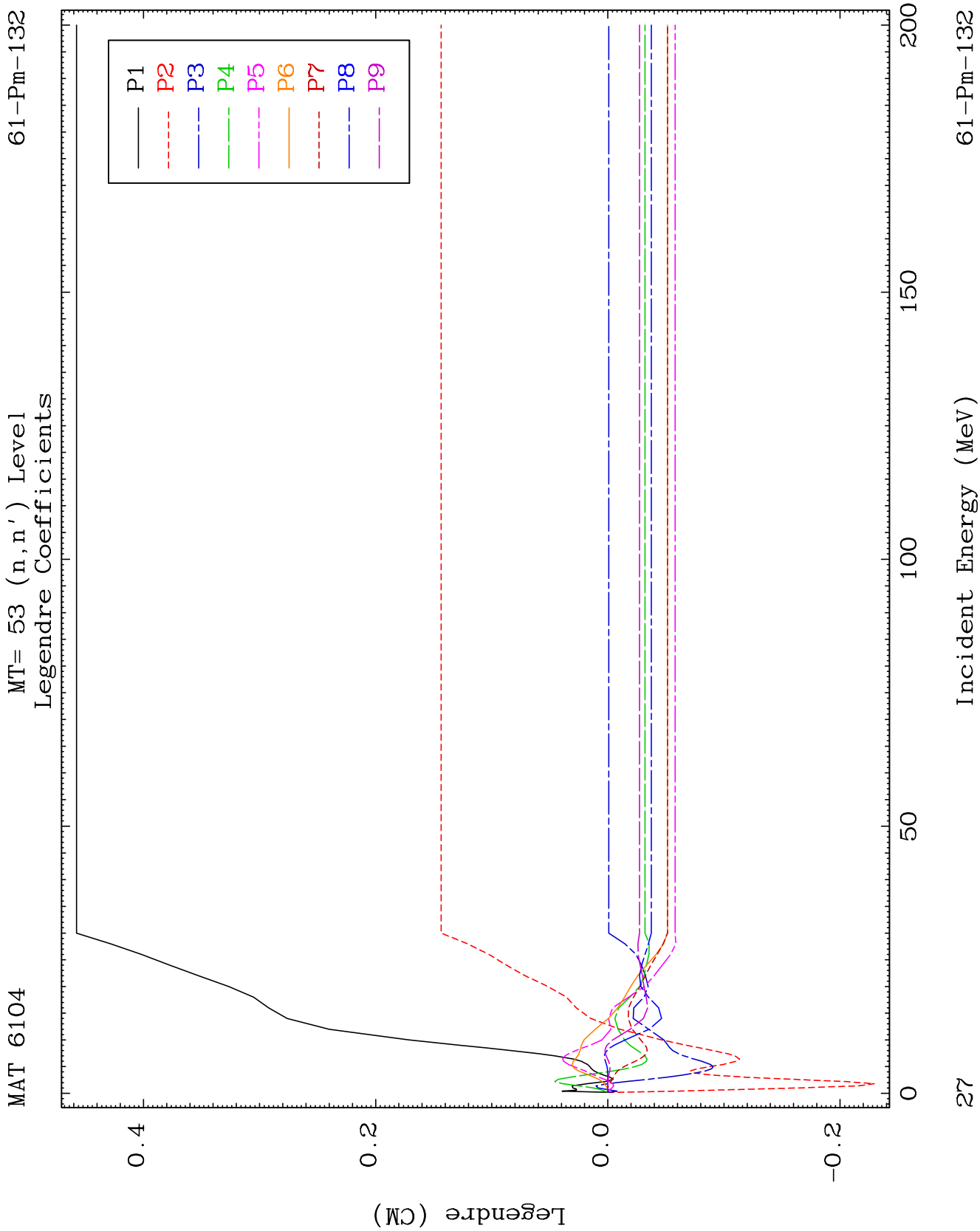
61-Pm-132



26

Incident Energy (MeV)

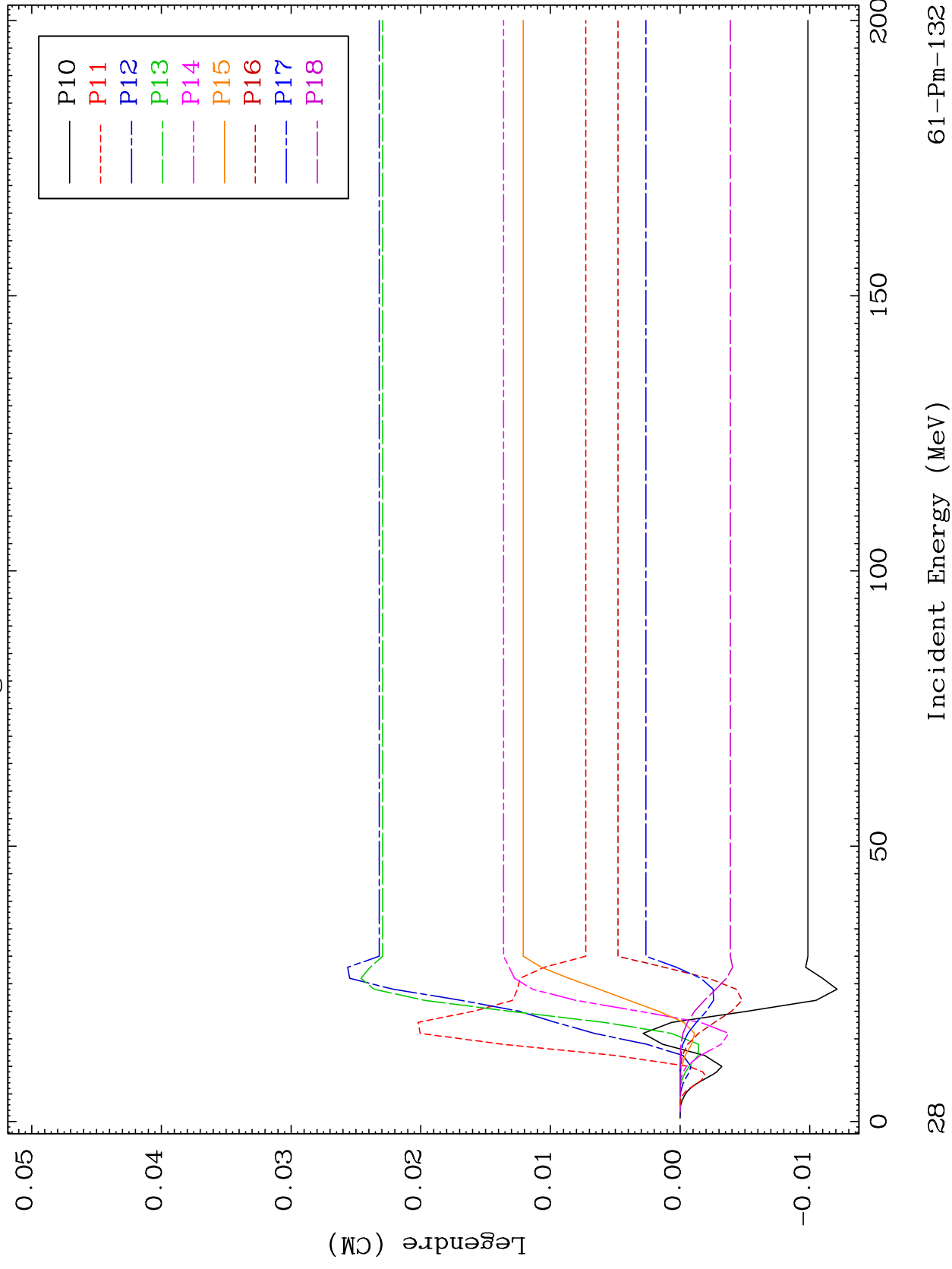
61-Pm-132

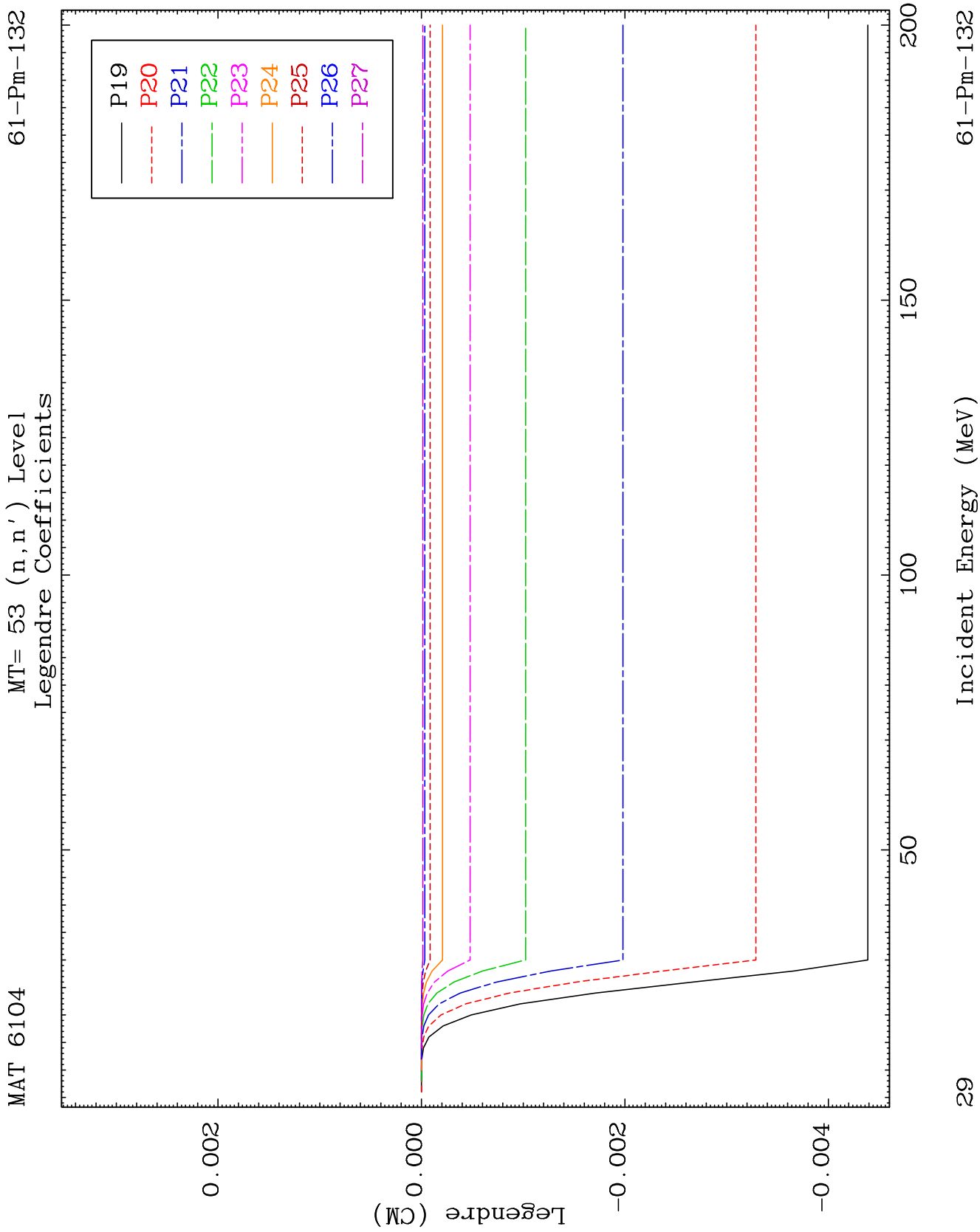


MAT 6104

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

61-Pm-132

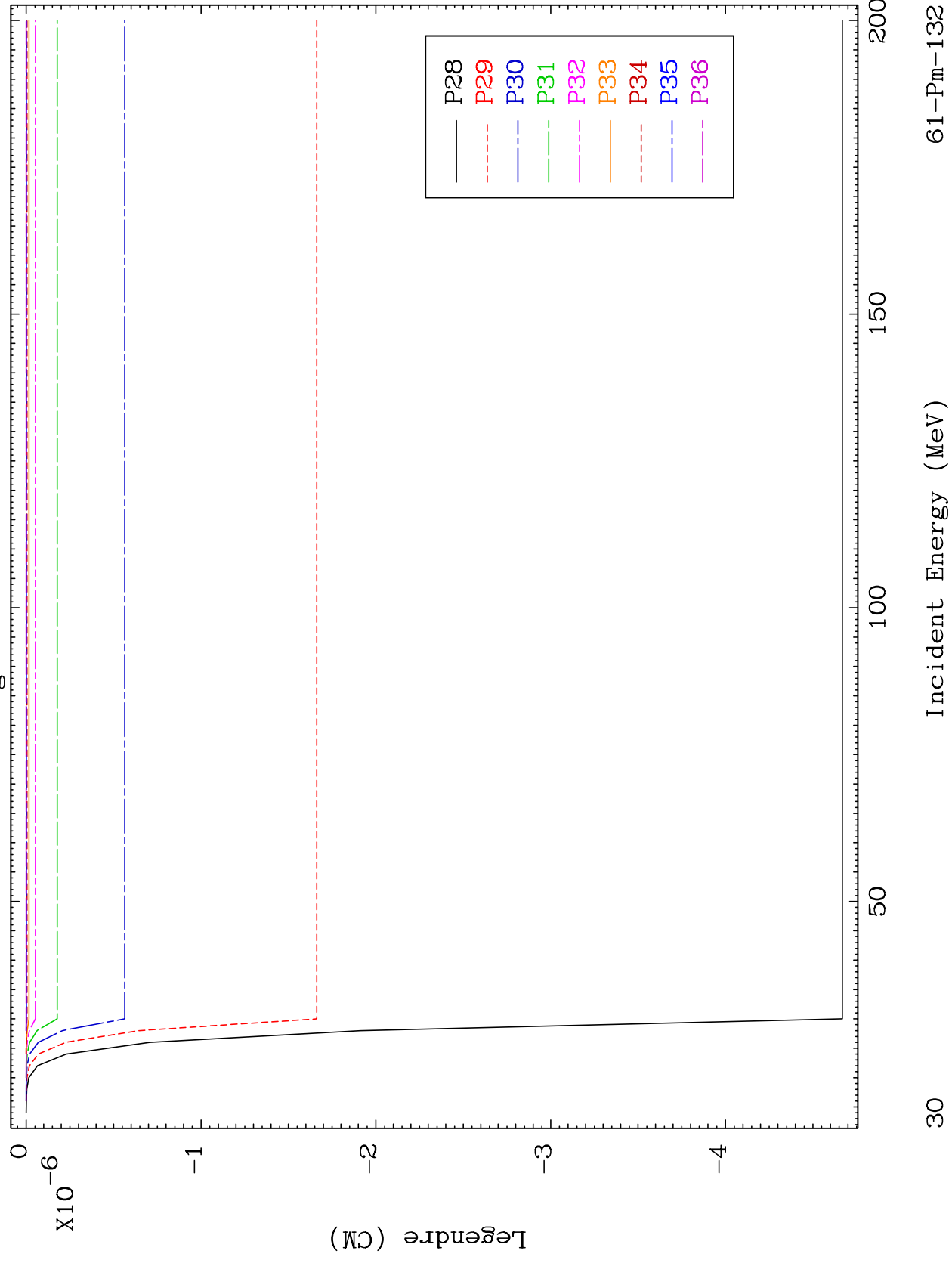




MAT 6104

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

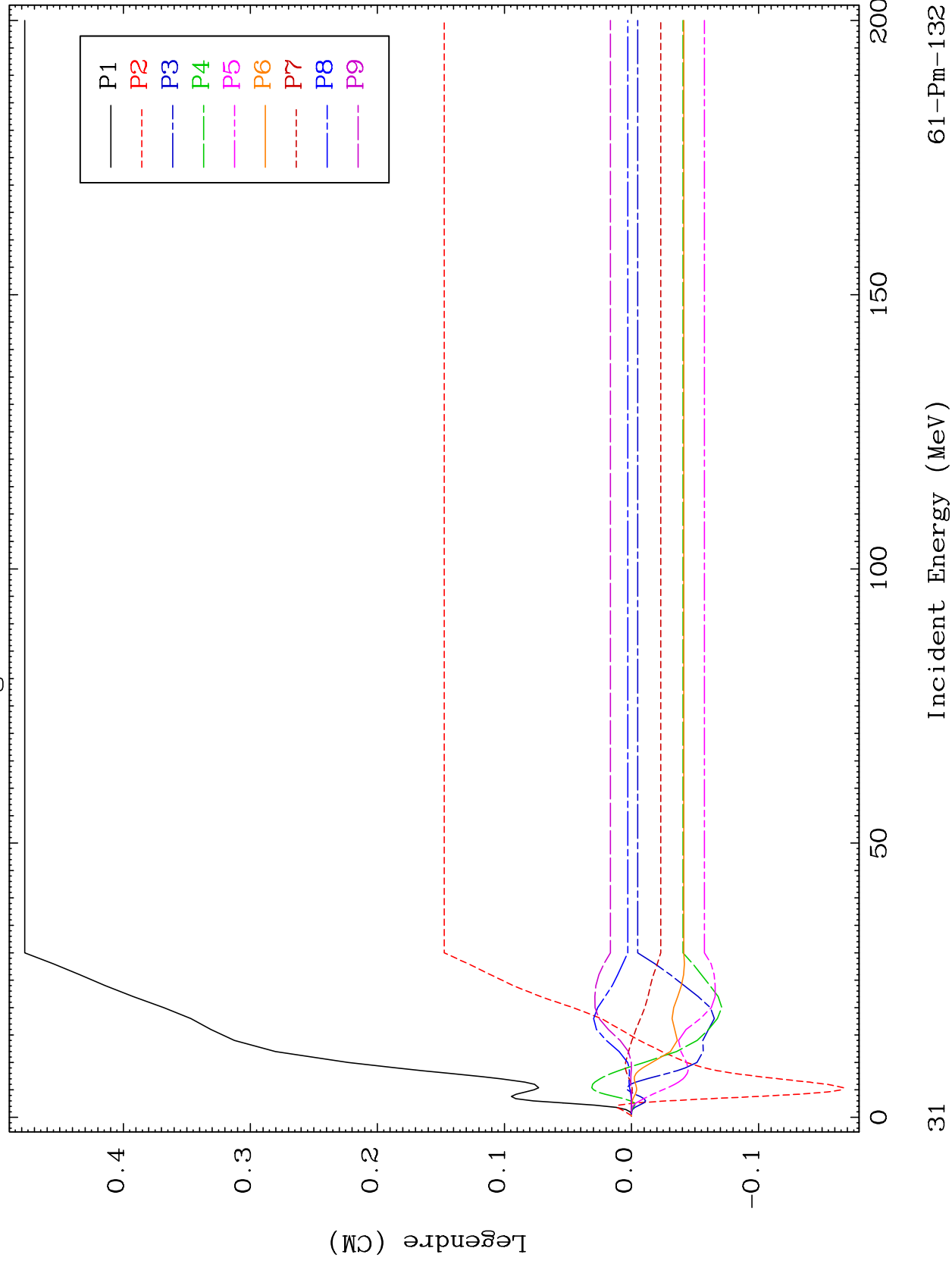
61-Pm-132

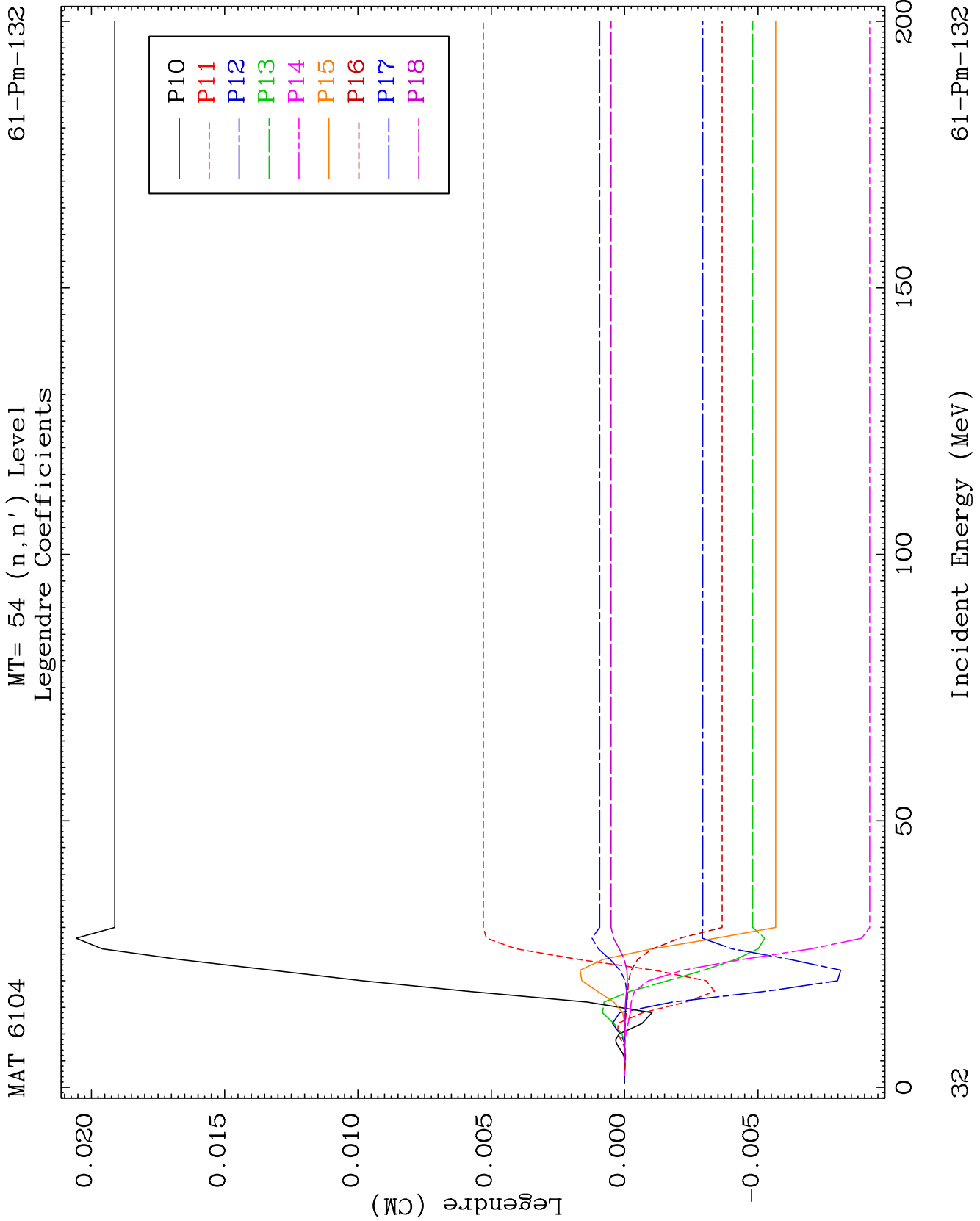


MAT 6104

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

61-Pm-132

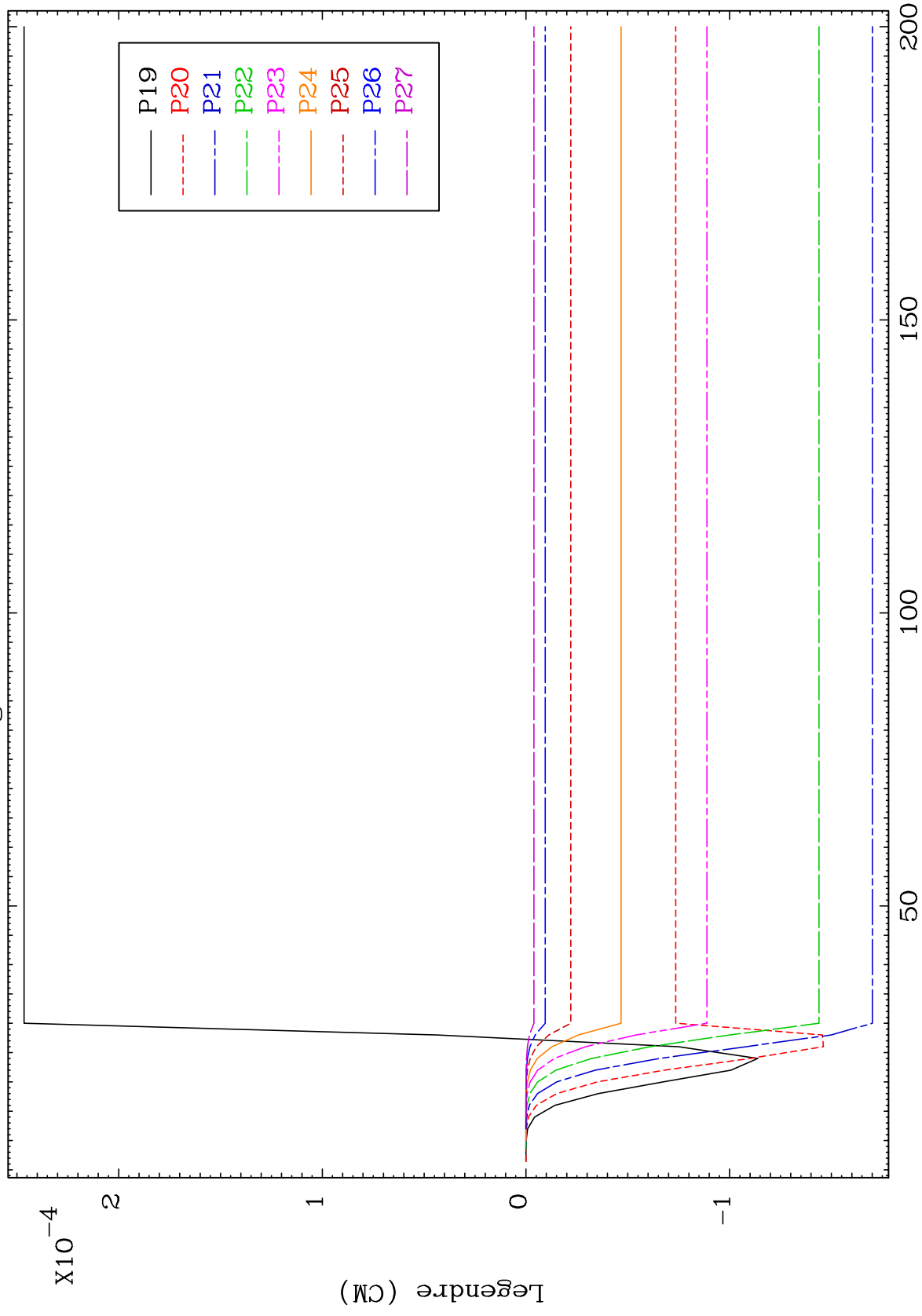




MAT 6104

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

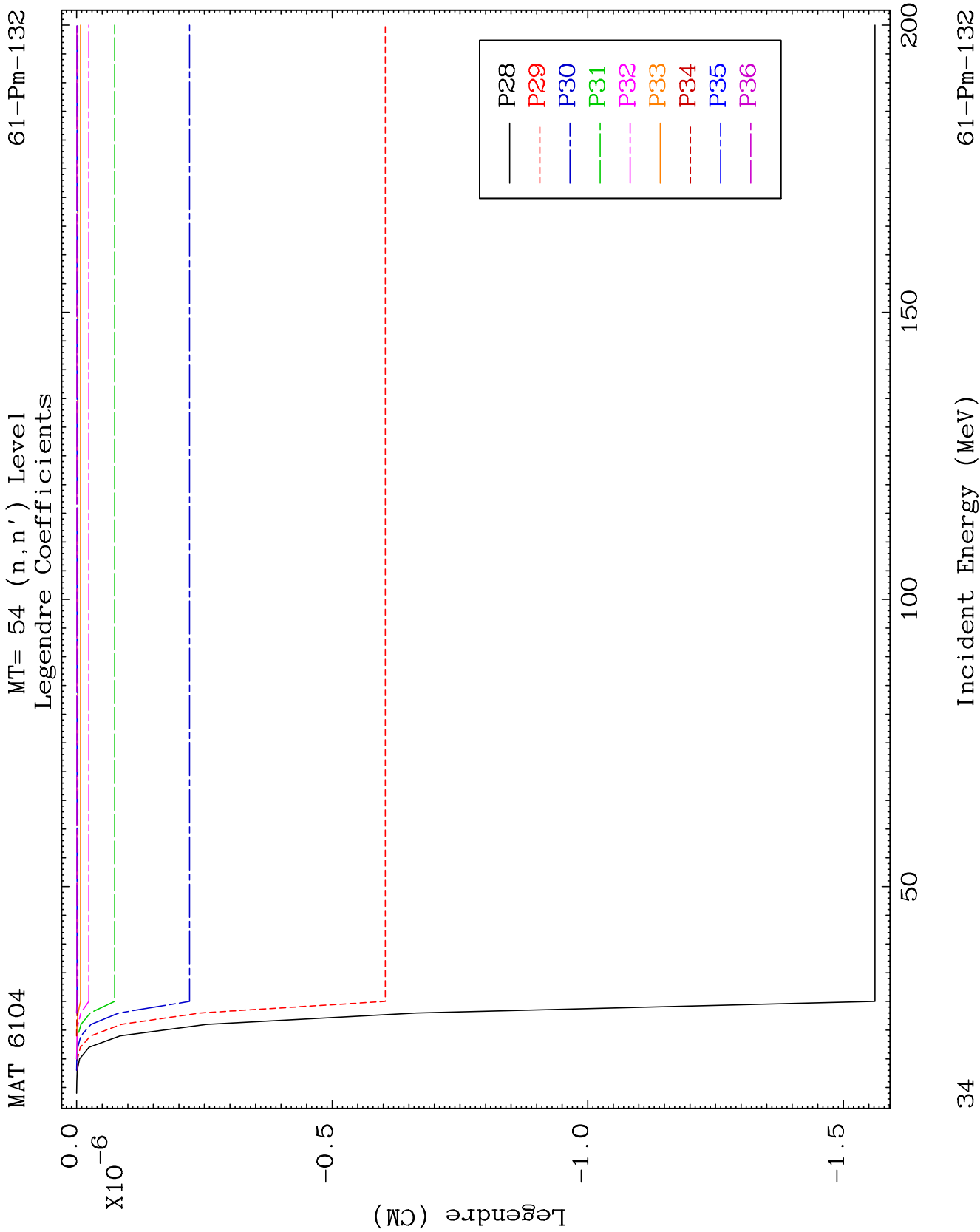
61-Pm-132

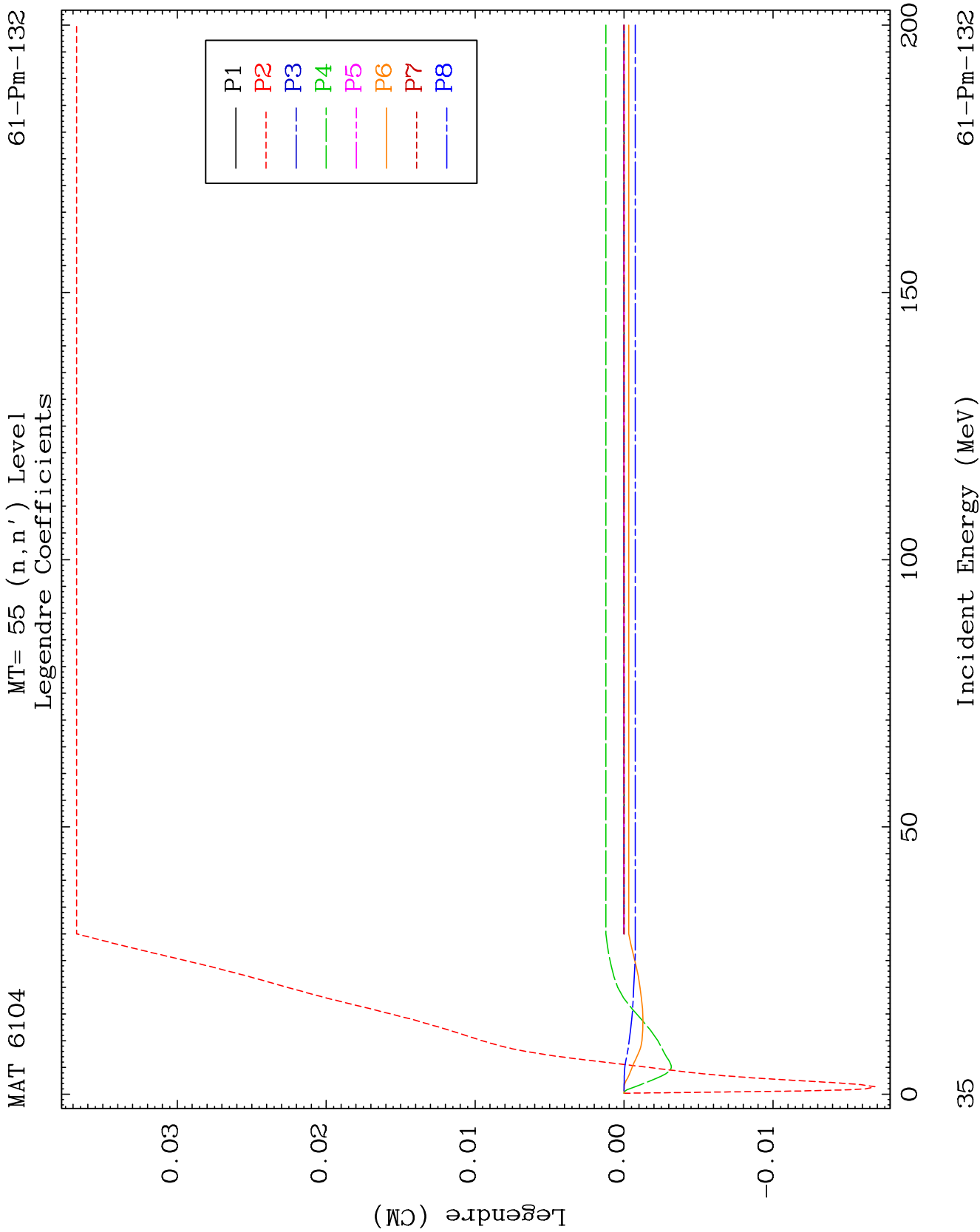


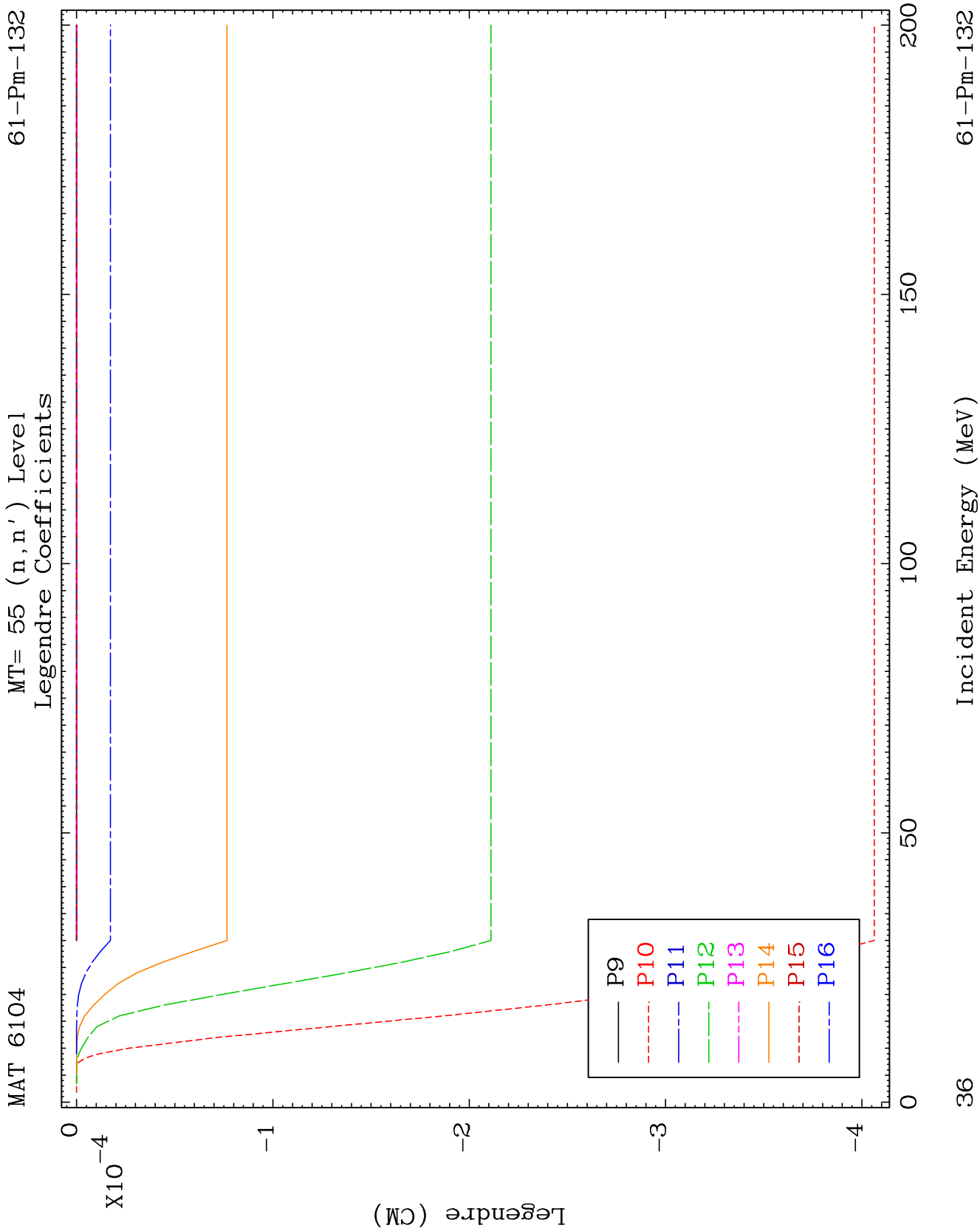
33

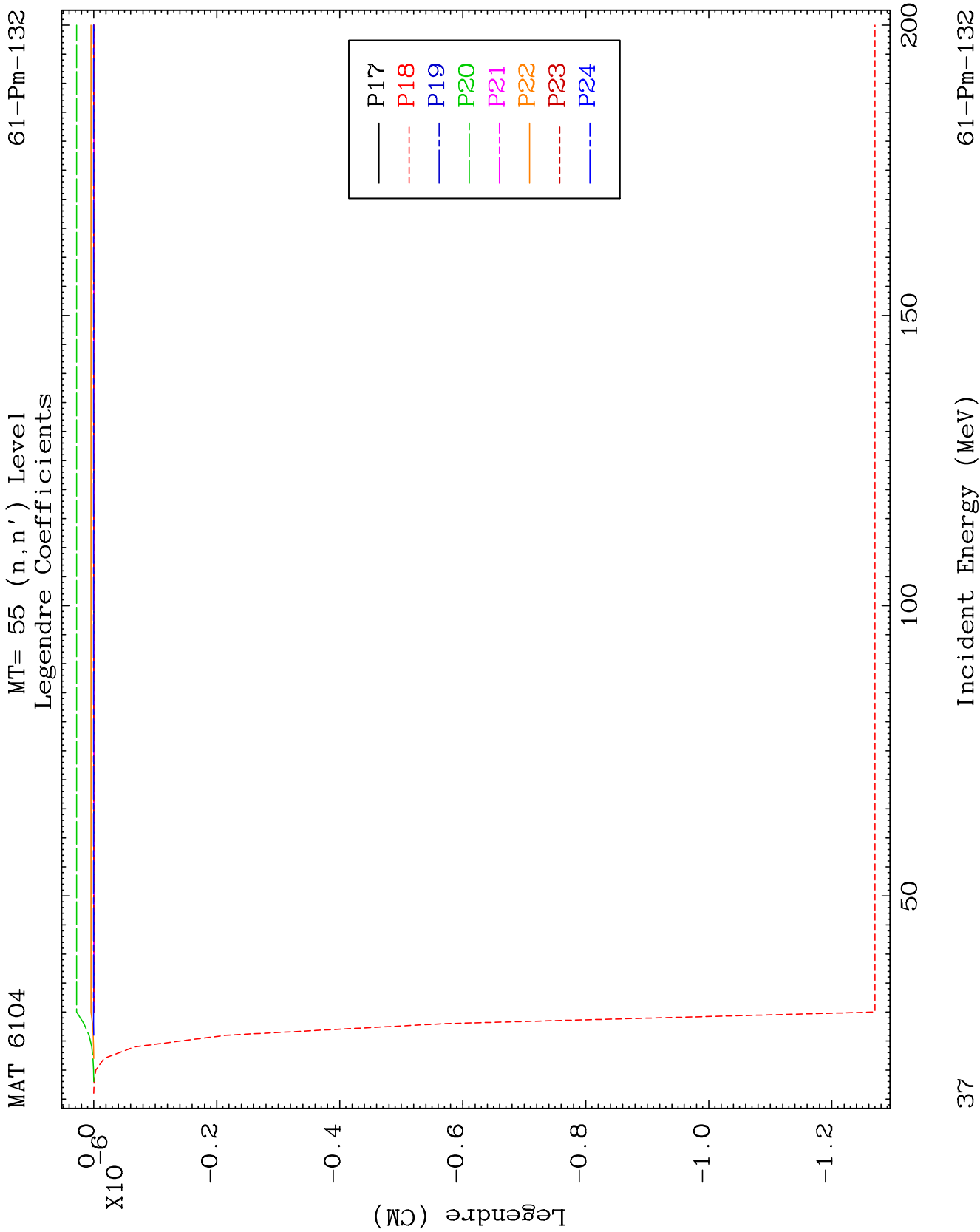
Incident Energy (MeV)

61-Pm-132





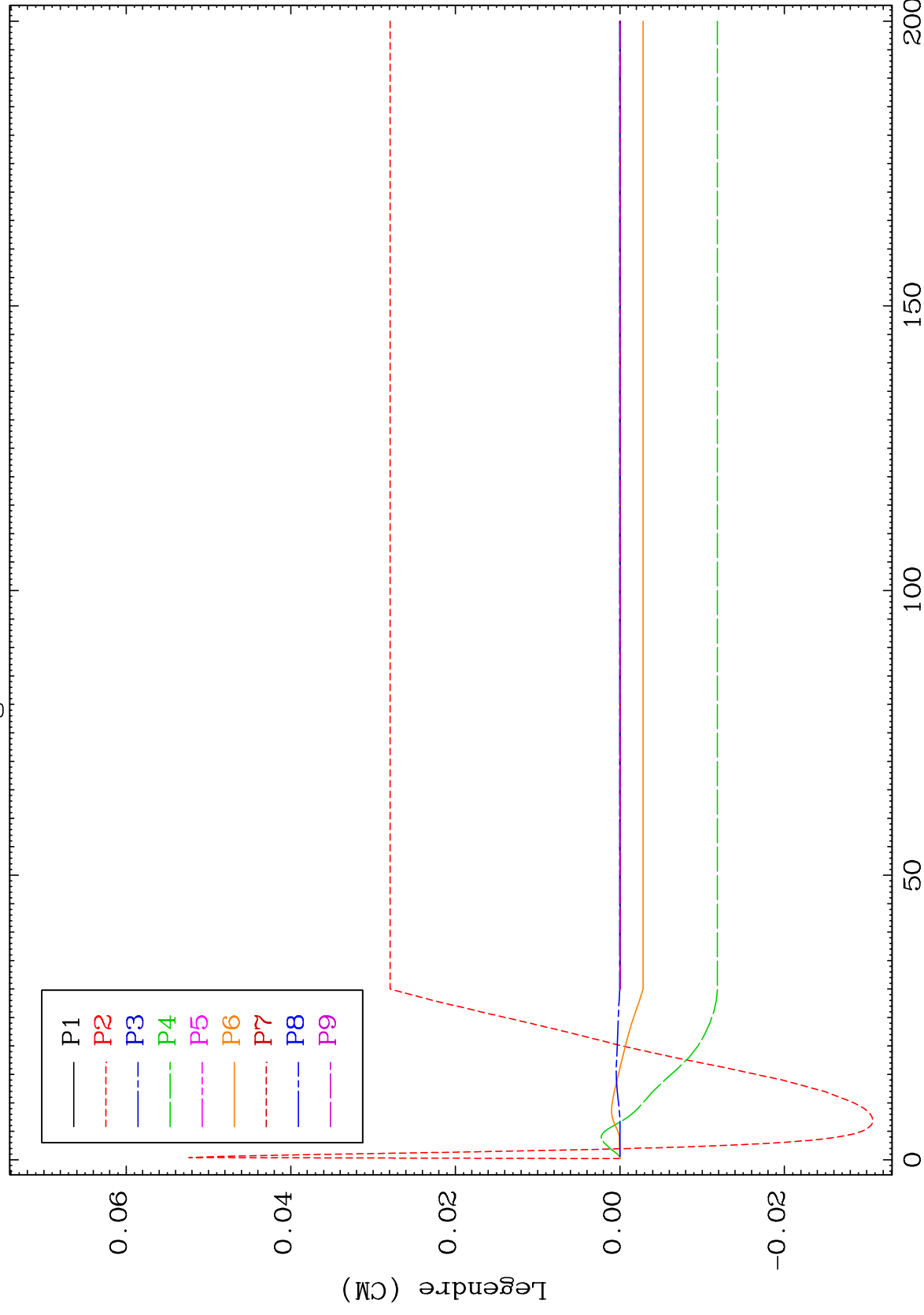




MAT 6104

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

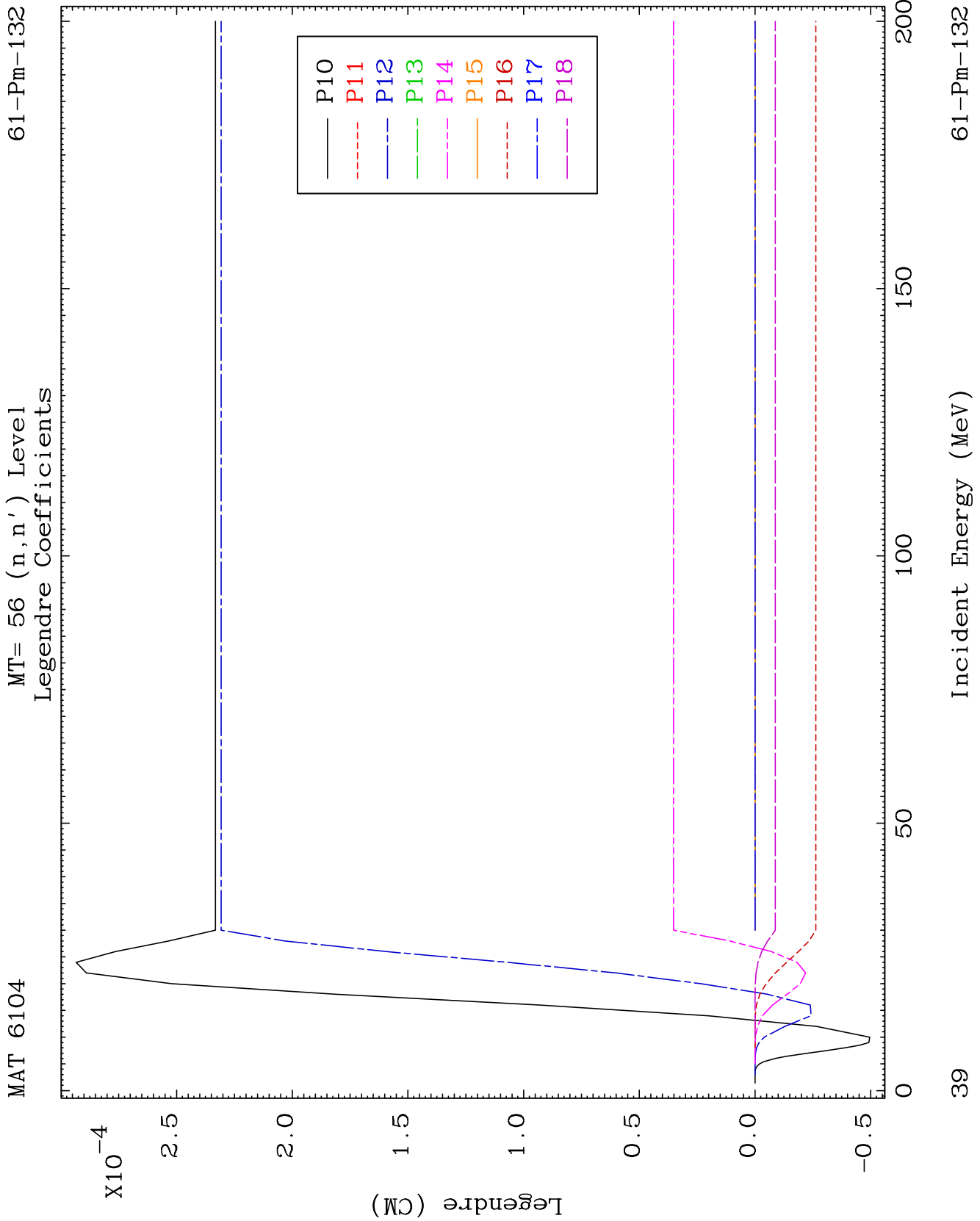
61-Pm-132

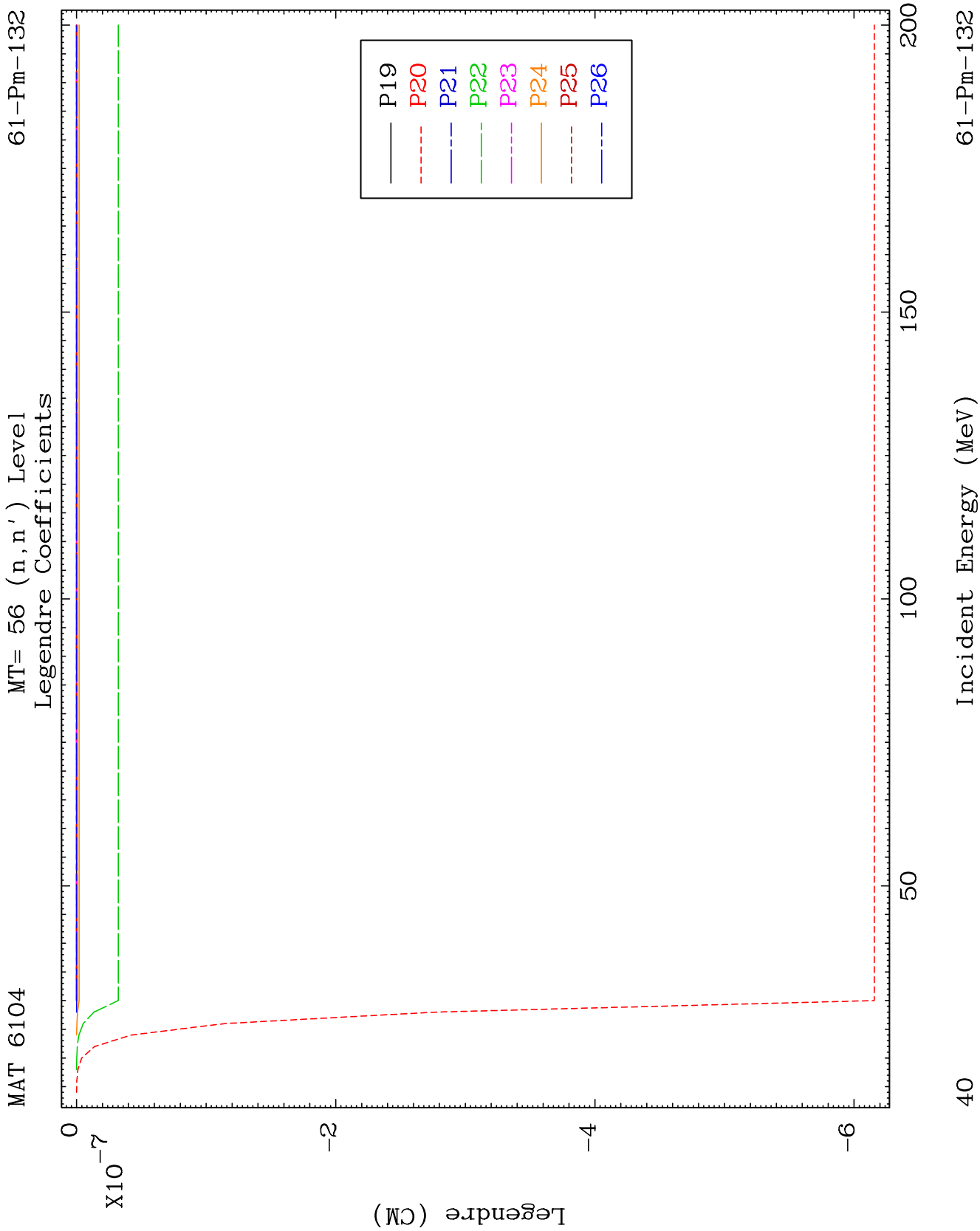


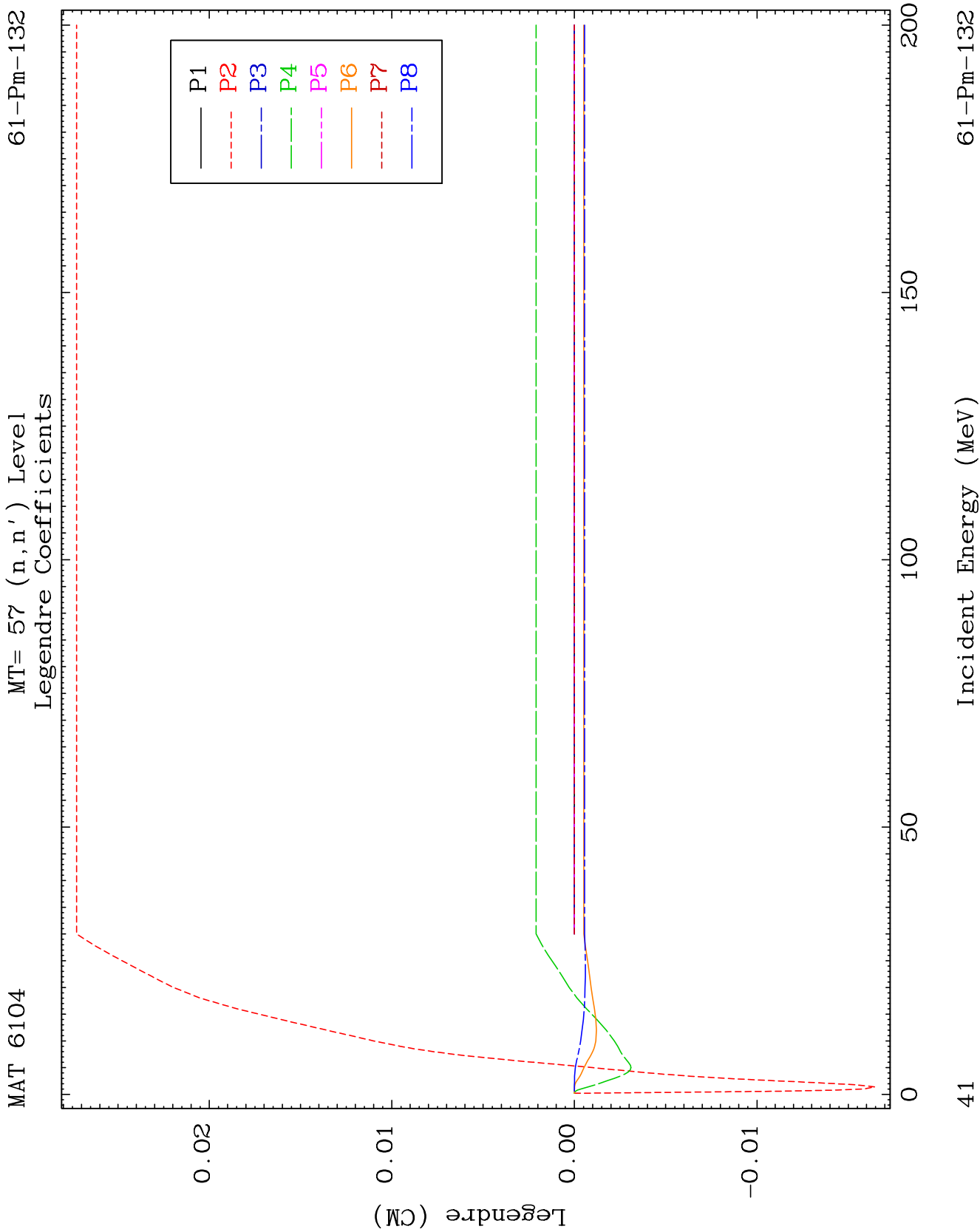
33

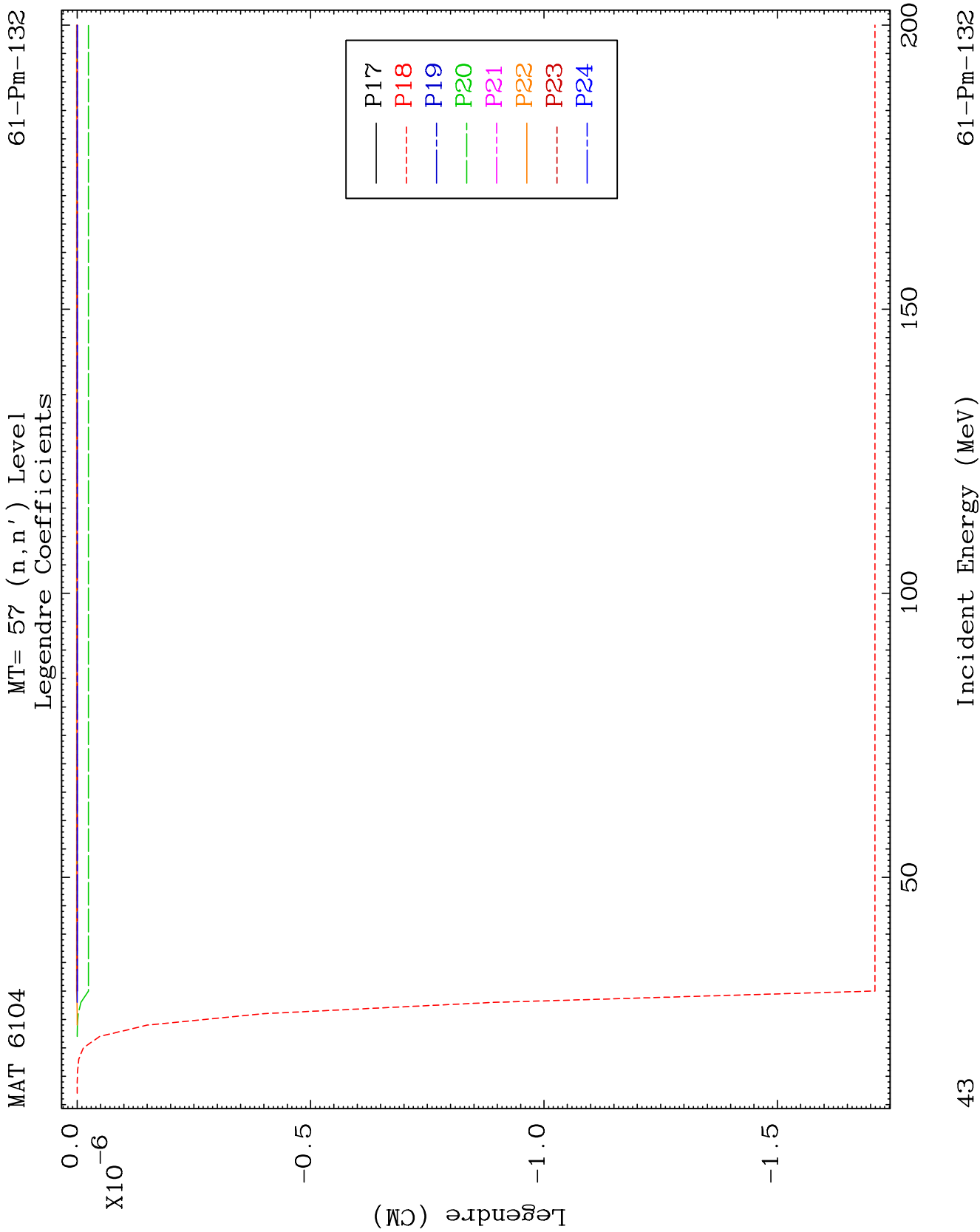
Incident Energy (MeV)

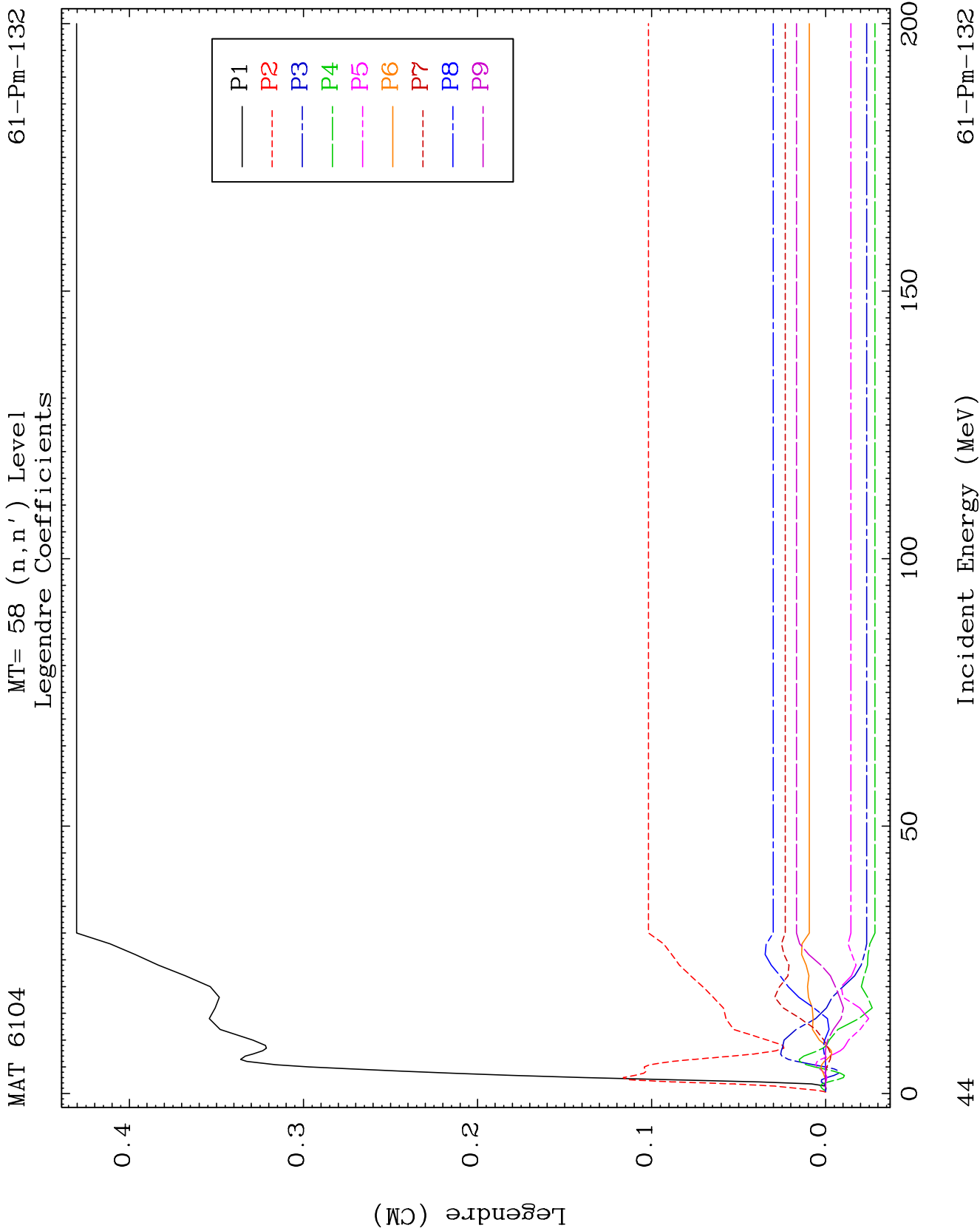
61-Pm-132







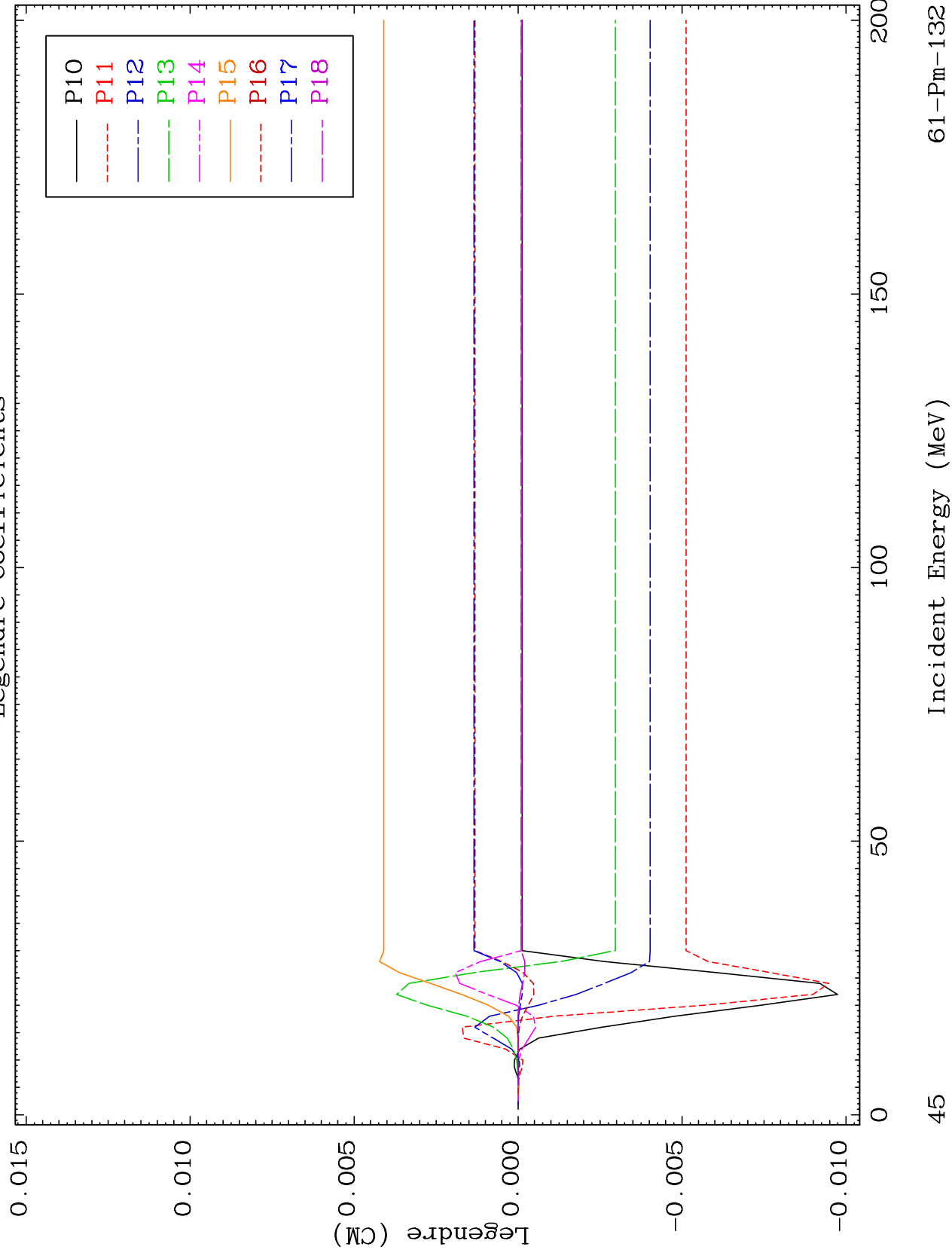




MAT 6104

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

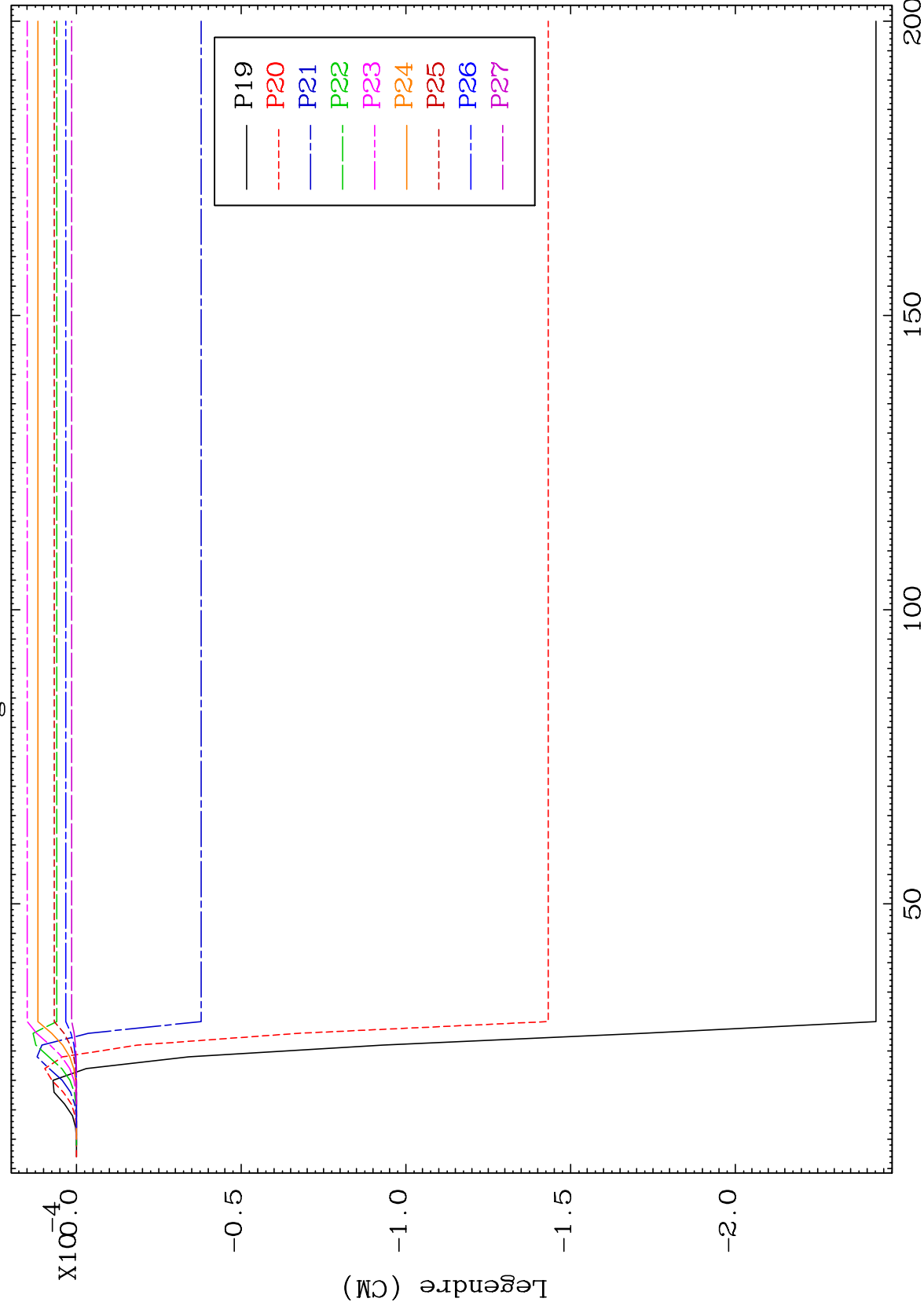
61-Pm-132



MAT 6104

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

61-Pm-132



46

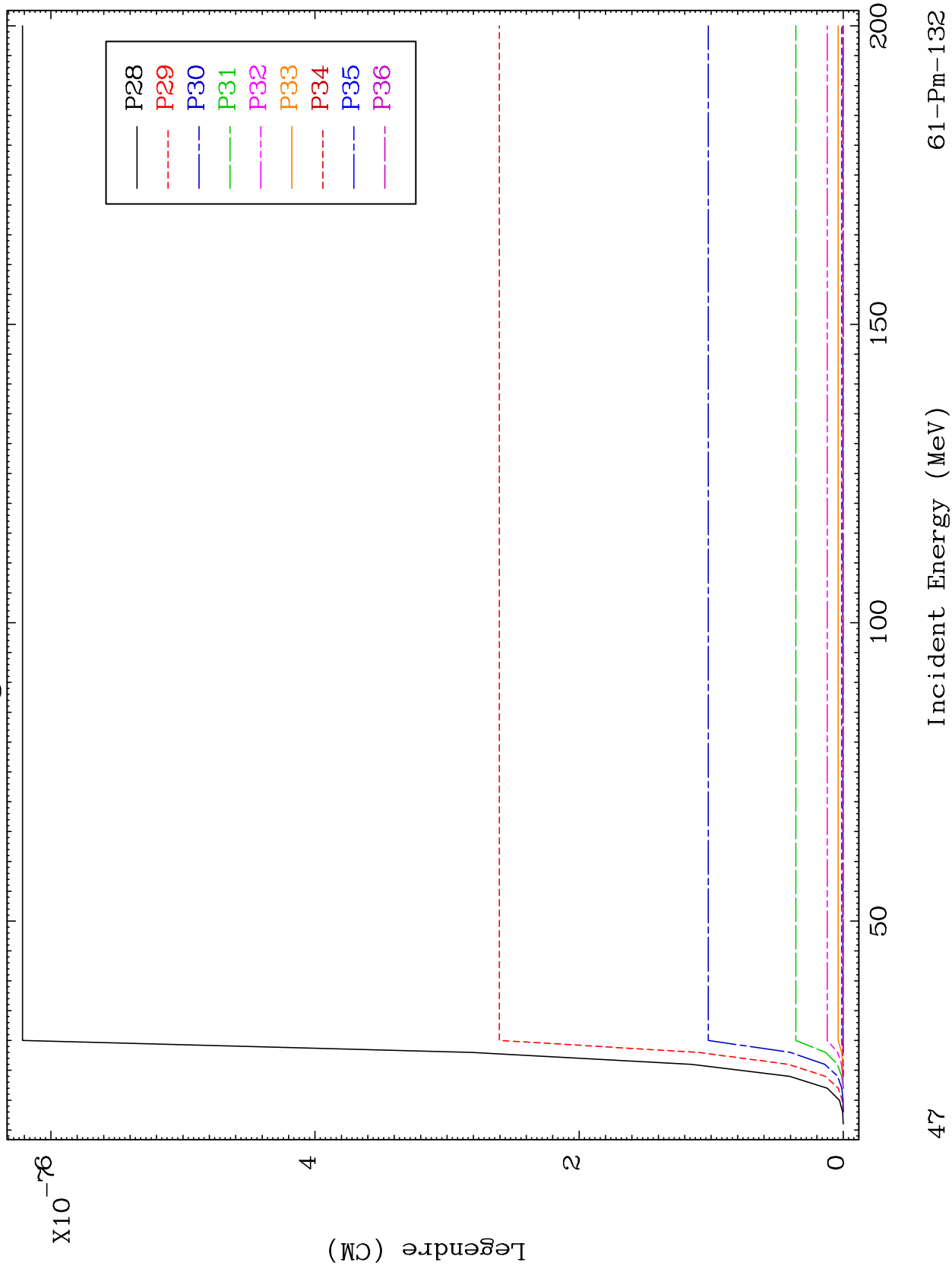
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

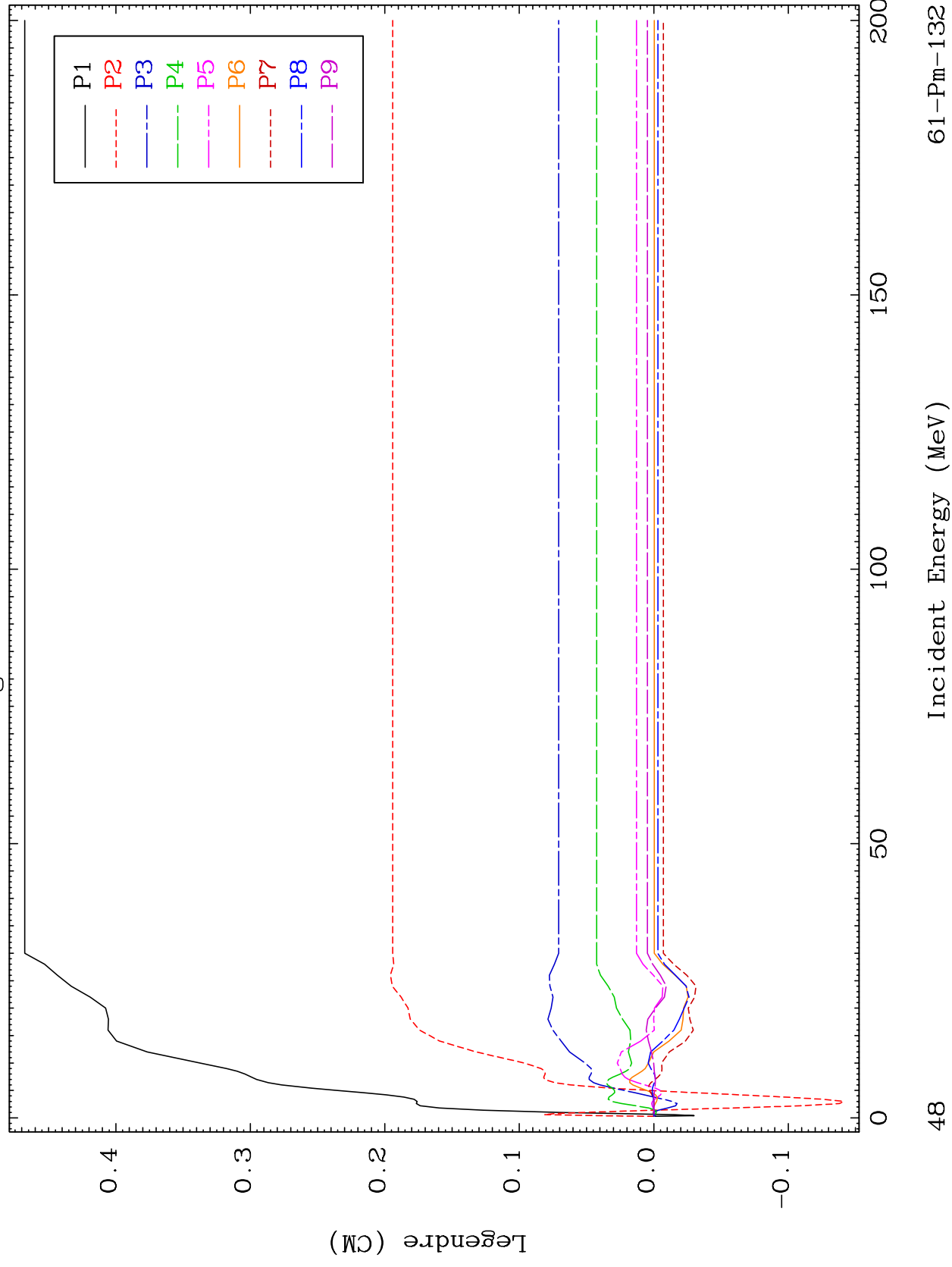
61-Pm-132



MAT 6104

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

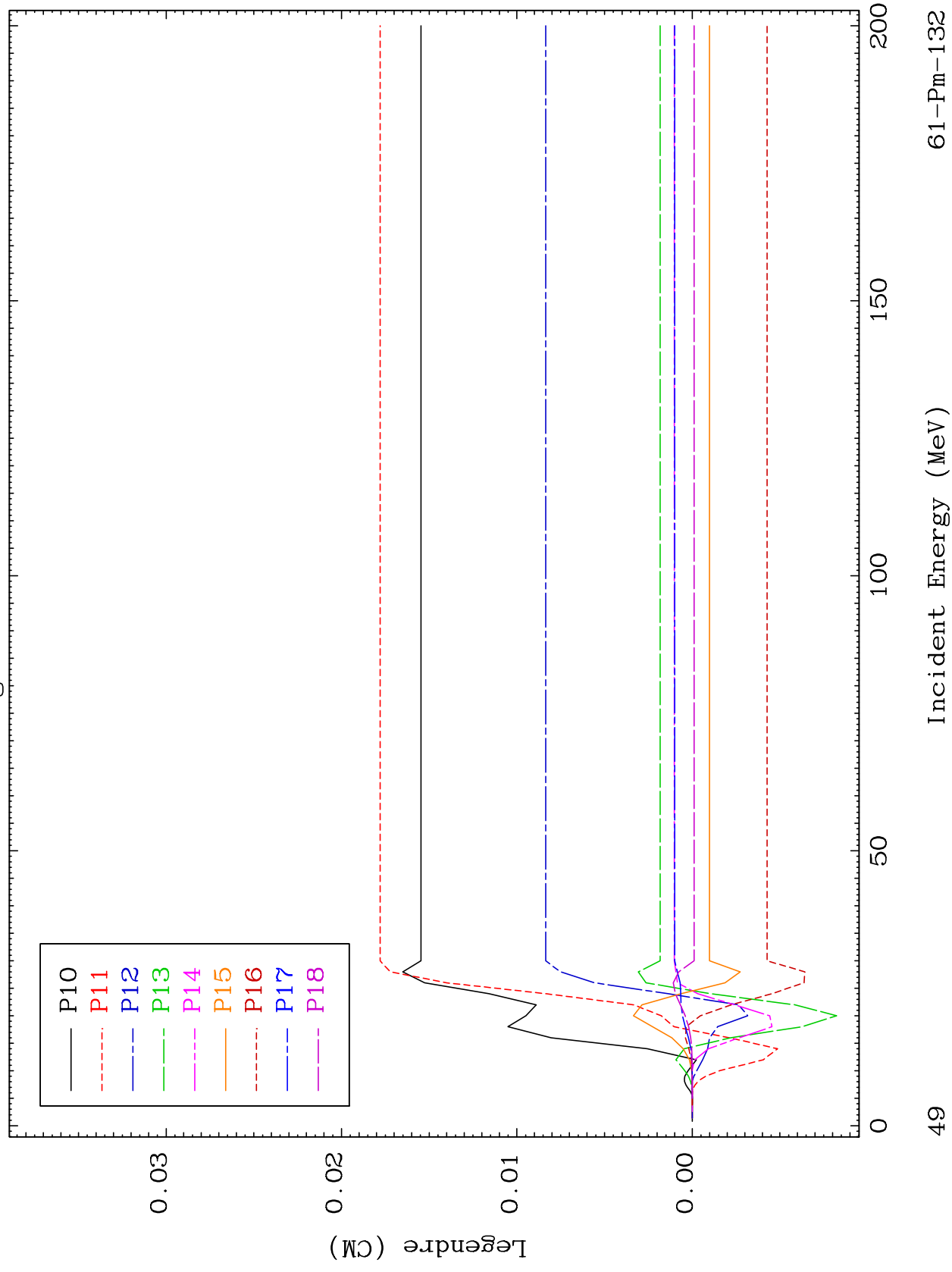
61-Pm-132

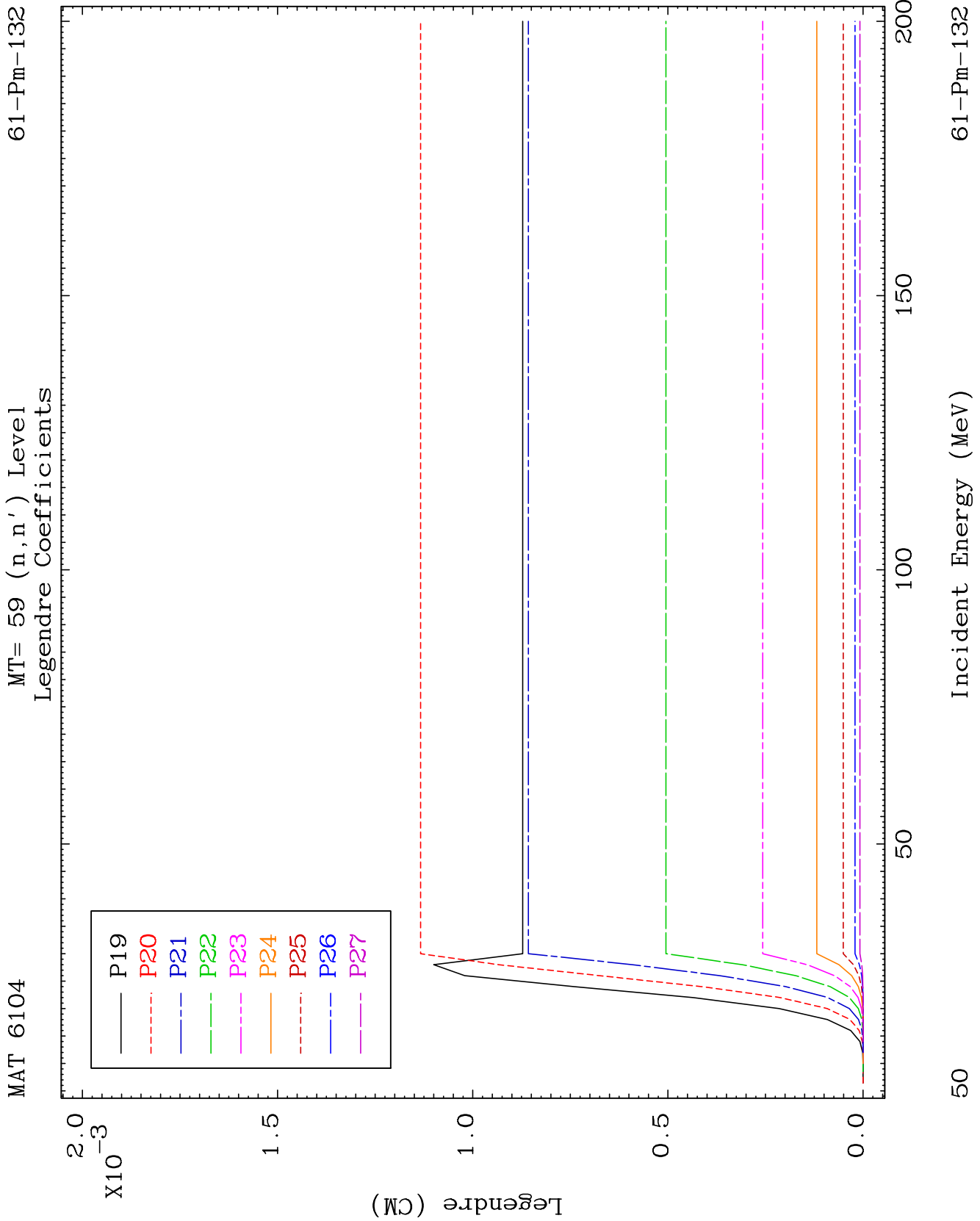


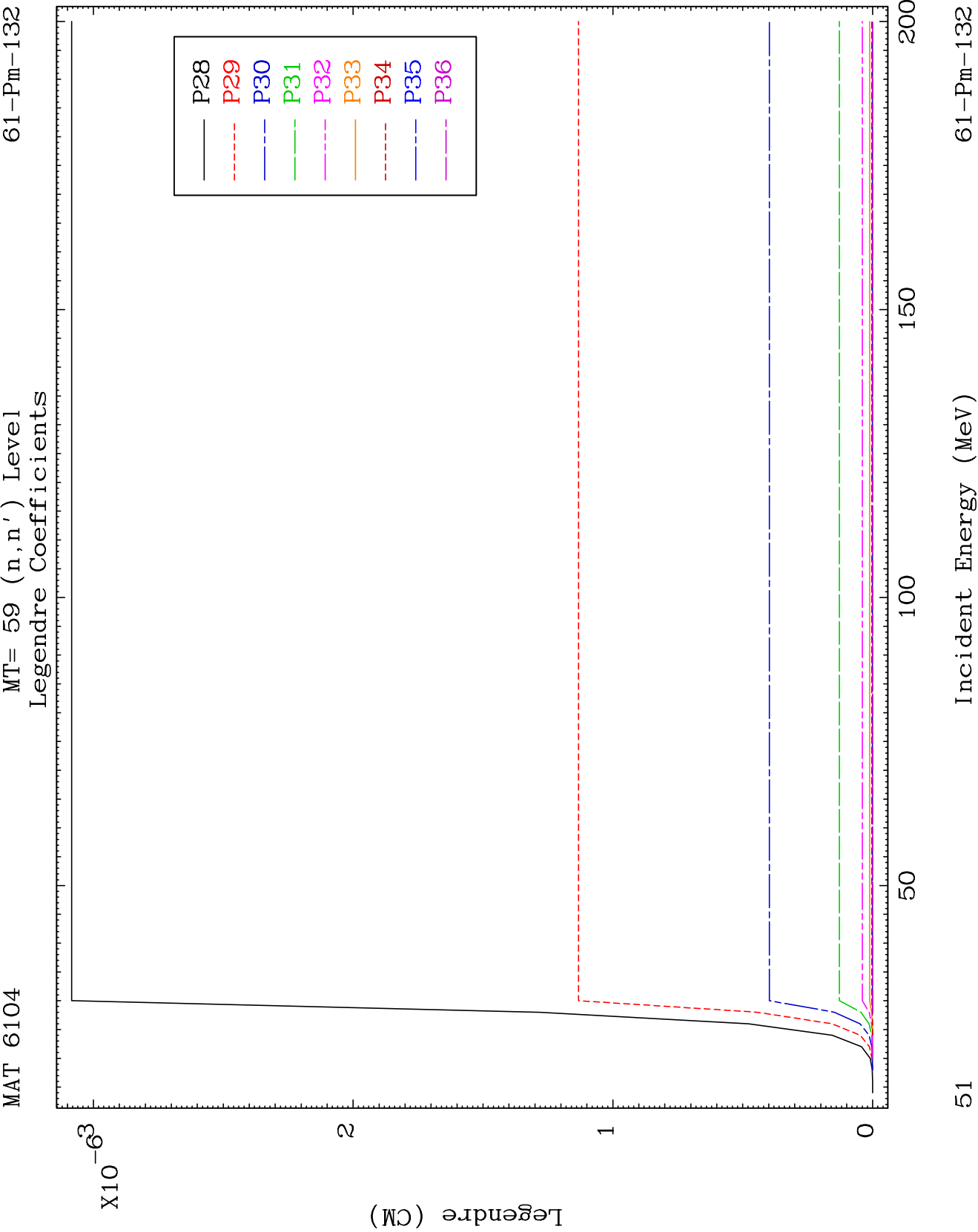
MAT 6104

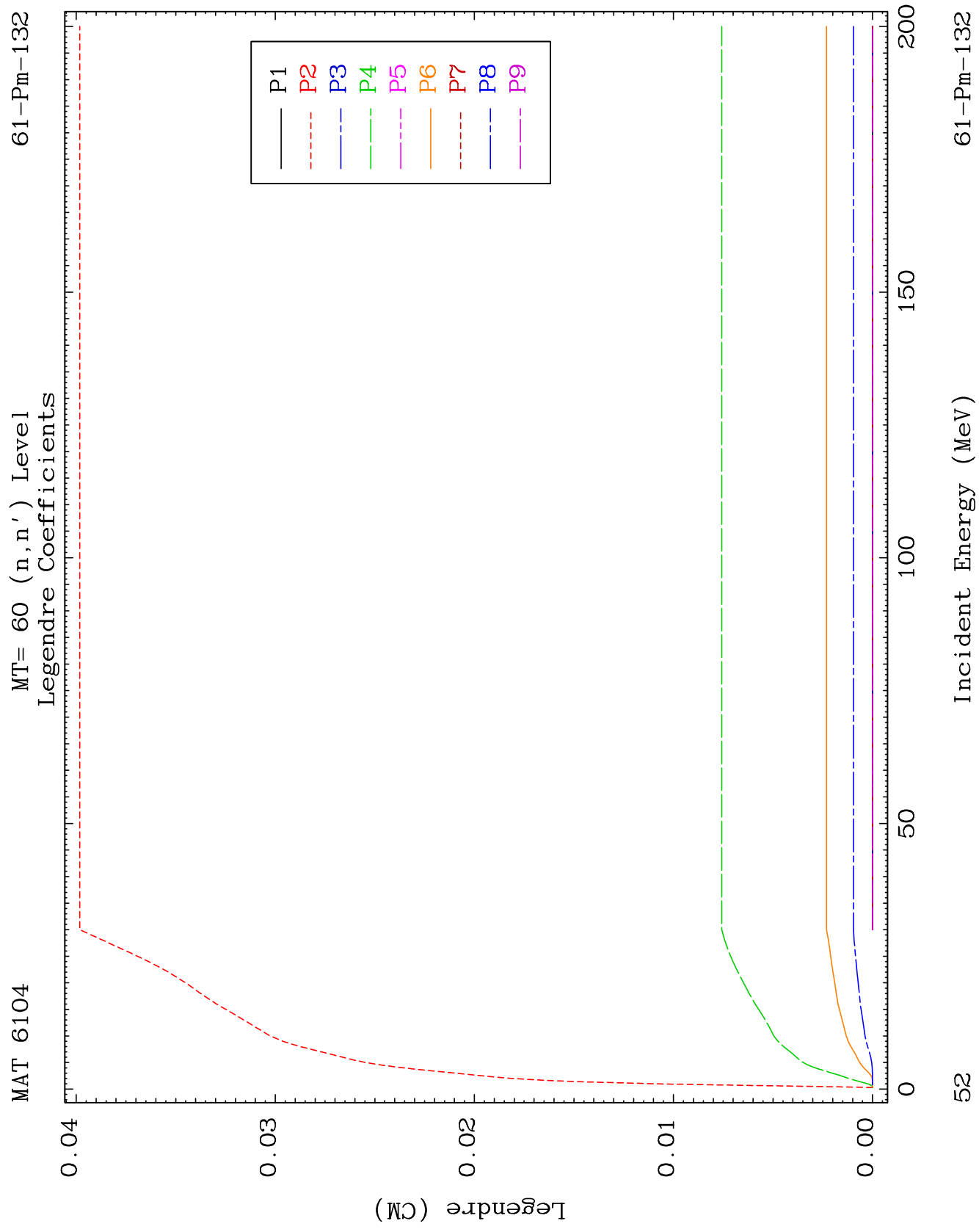
MT= 59 (n, n') Level
Legendre Coefficients

61-Pm-132





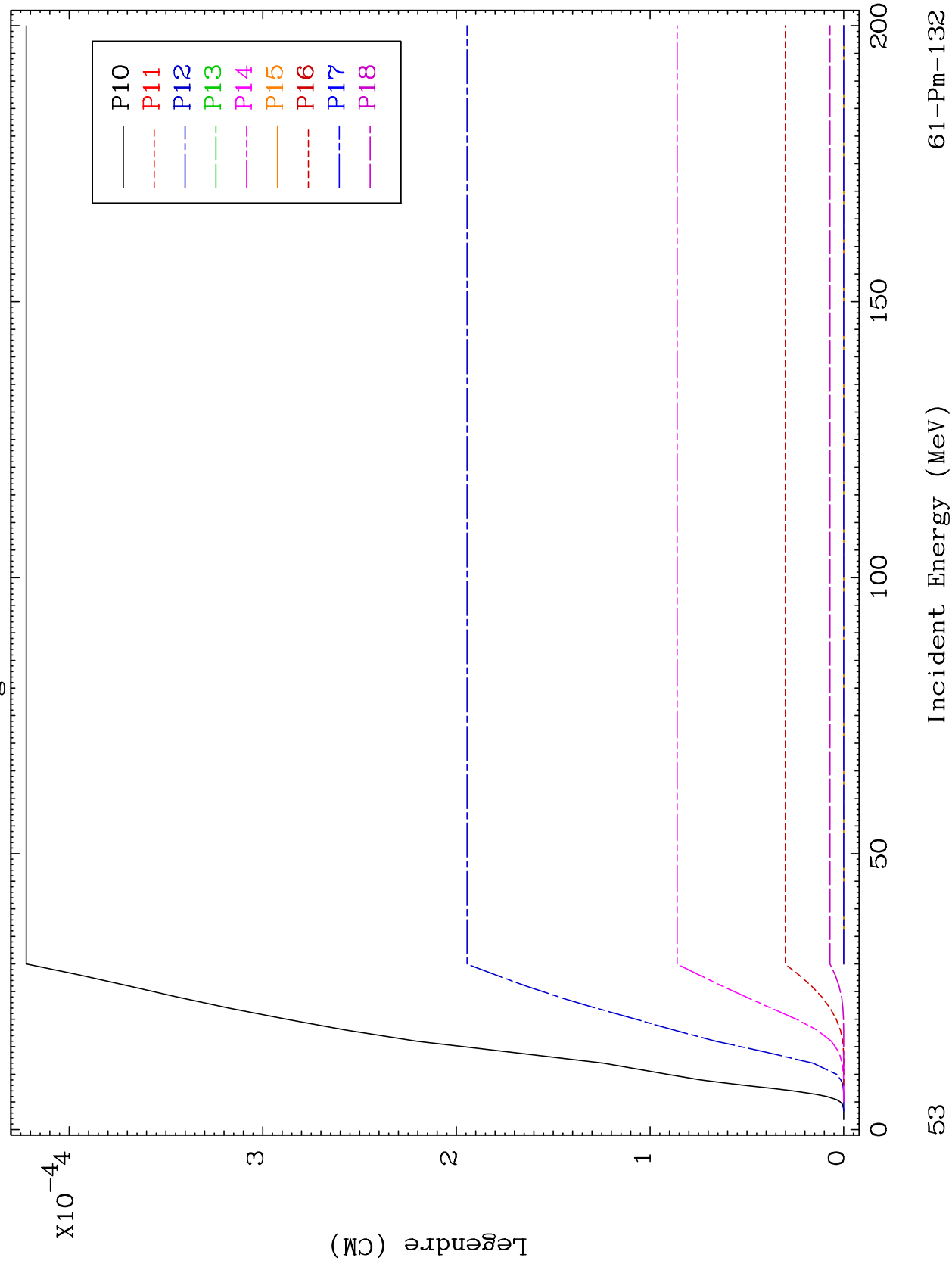


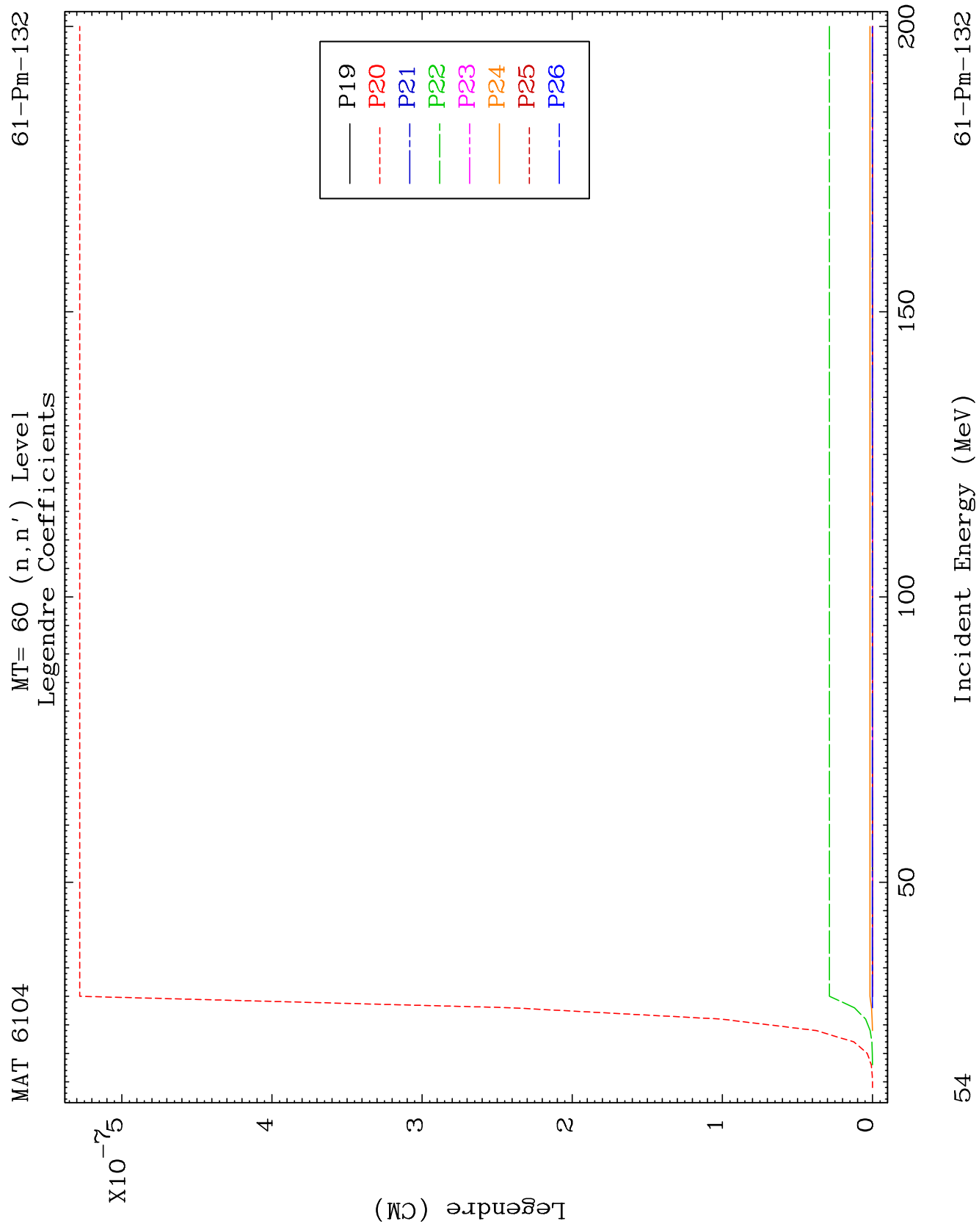


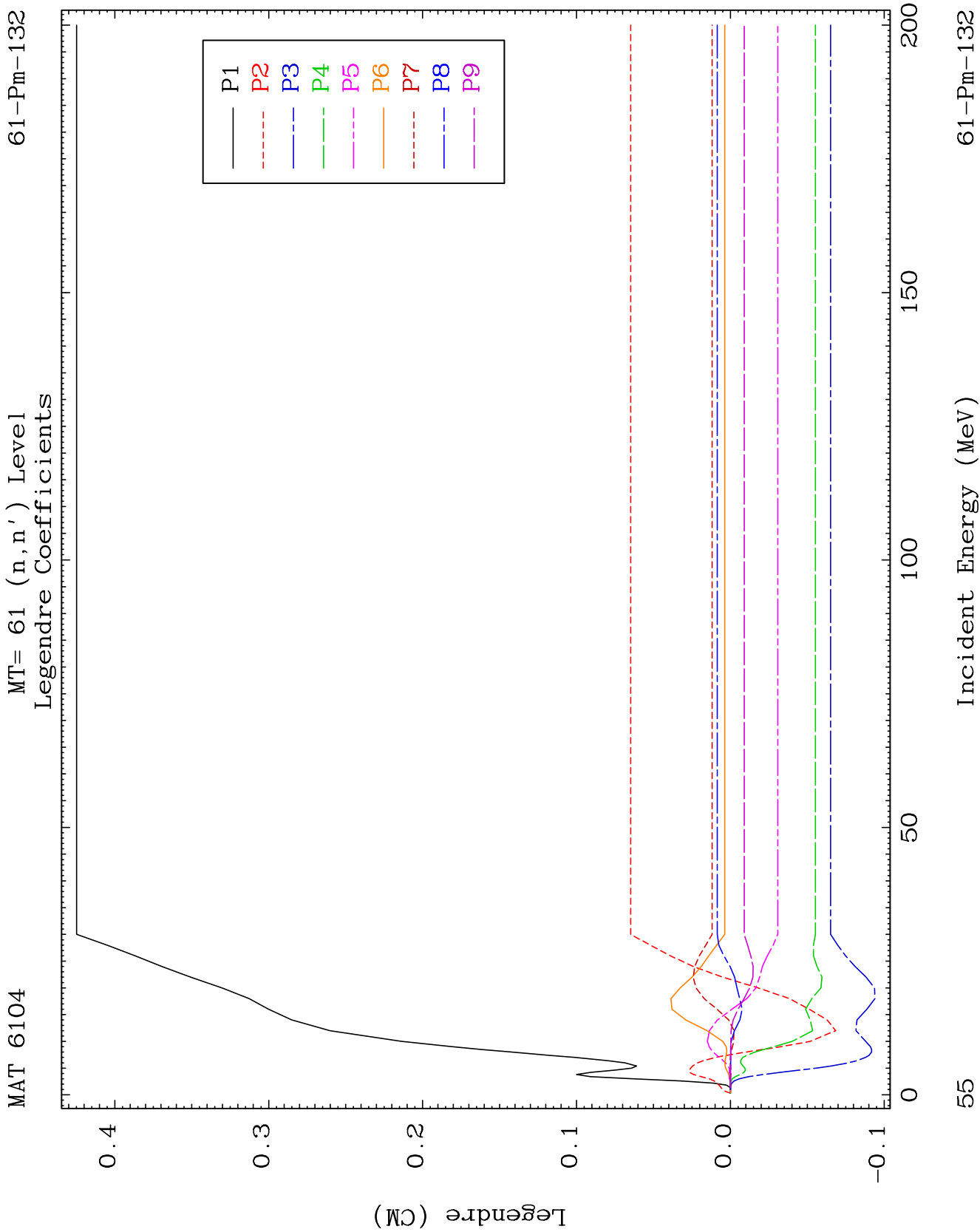
MAT 6104

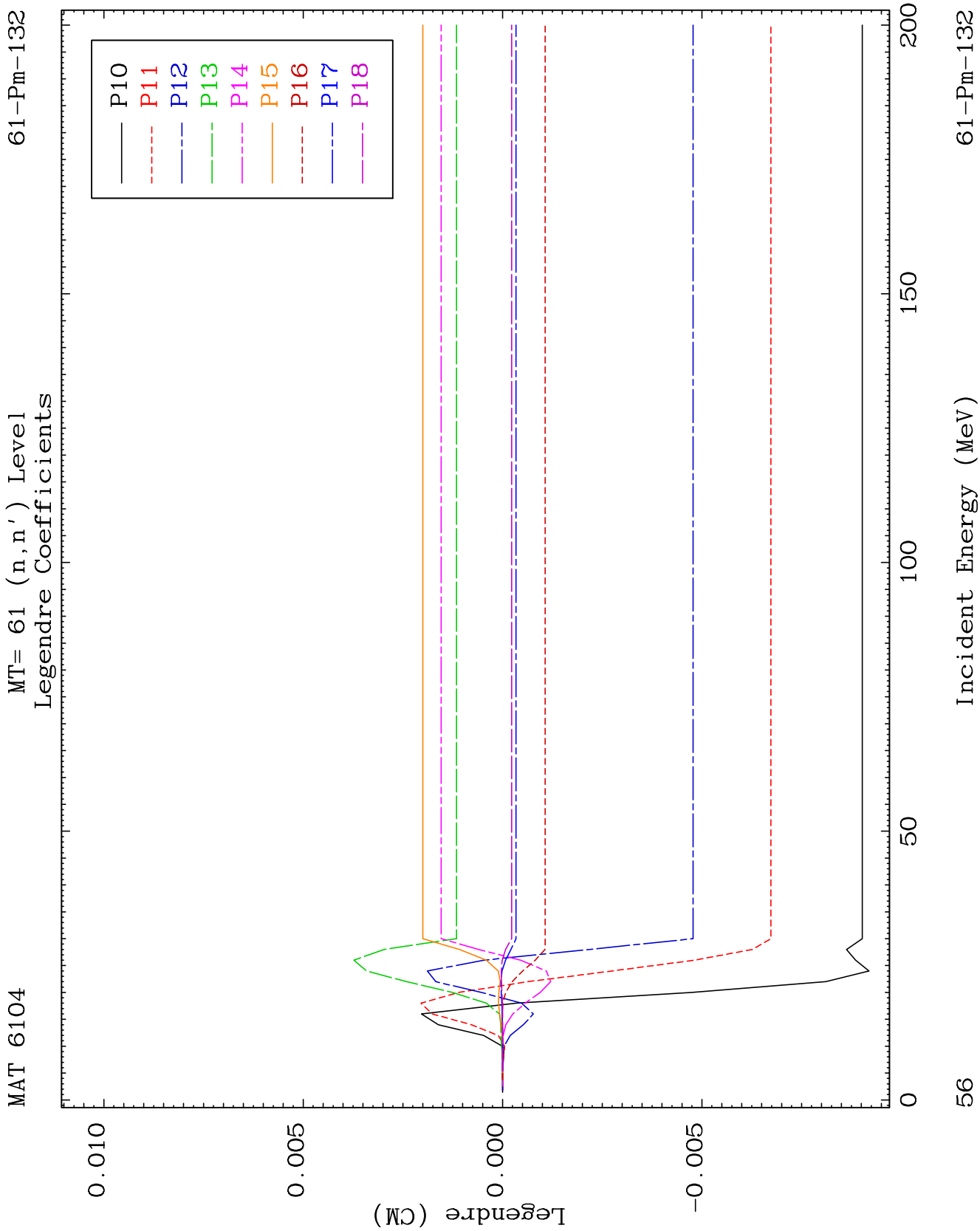
MT= 60 (n, n') Level
Legendre Coefficients

61-Pm-132





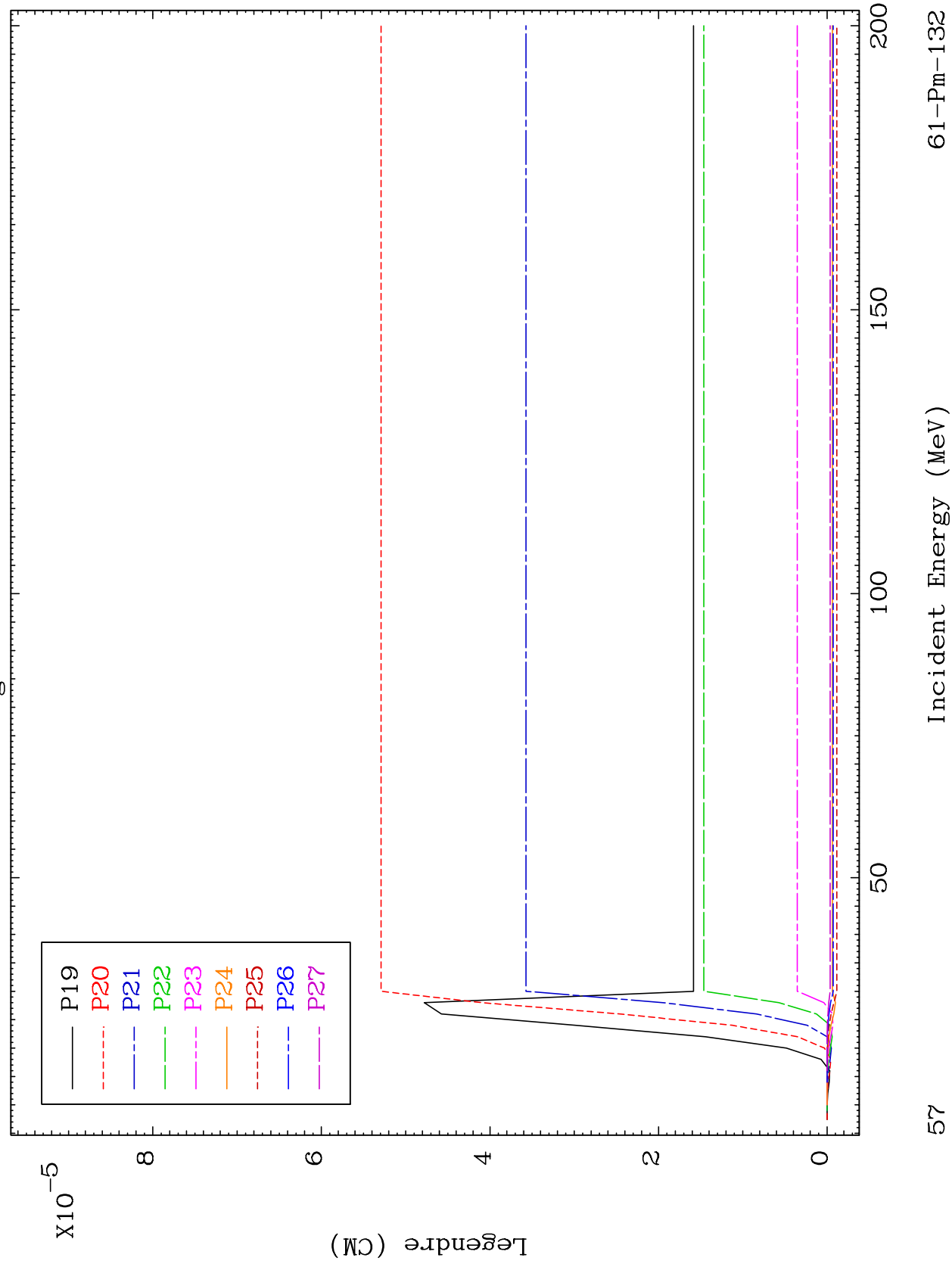


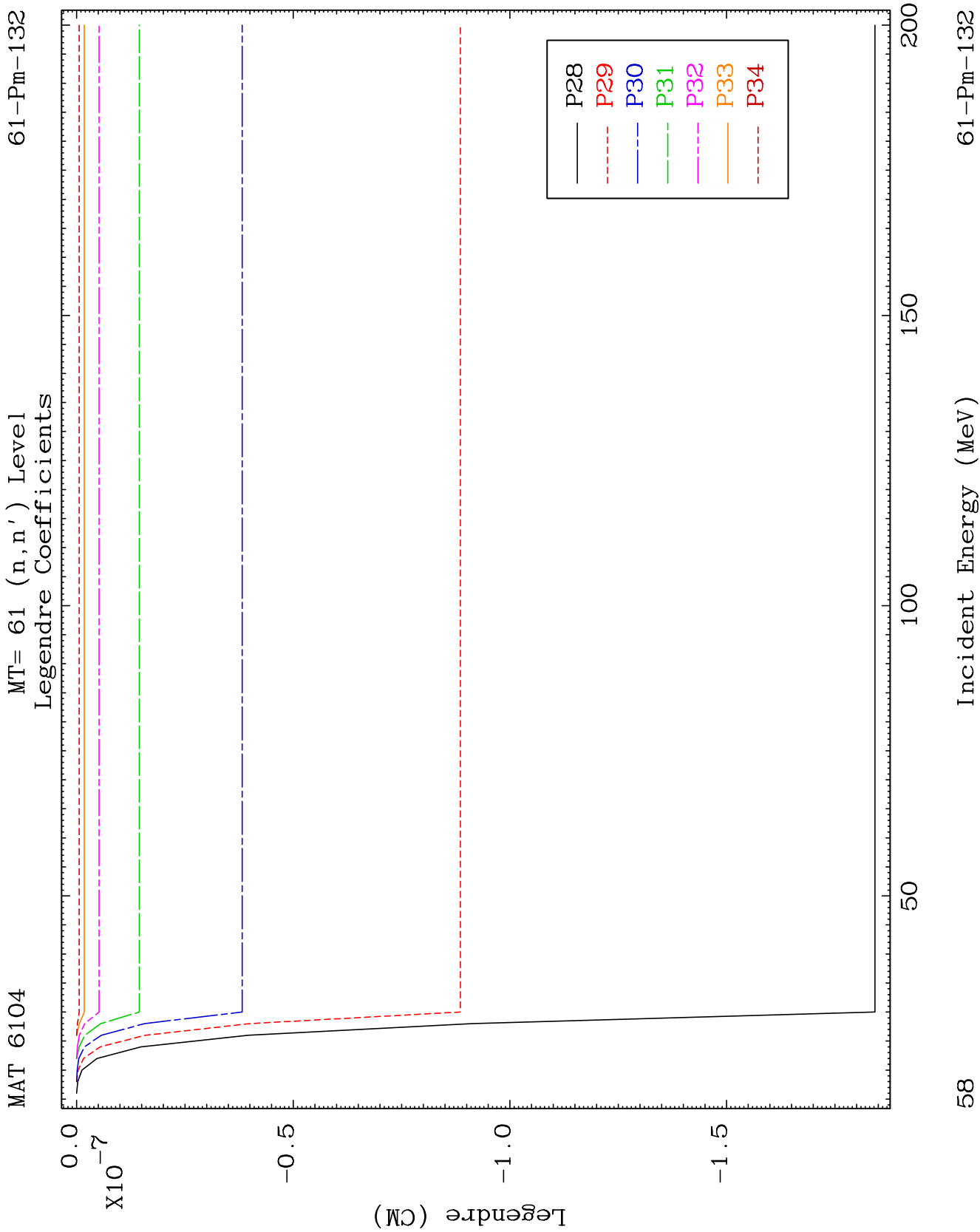


MAT 6104

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

61-Pm-132

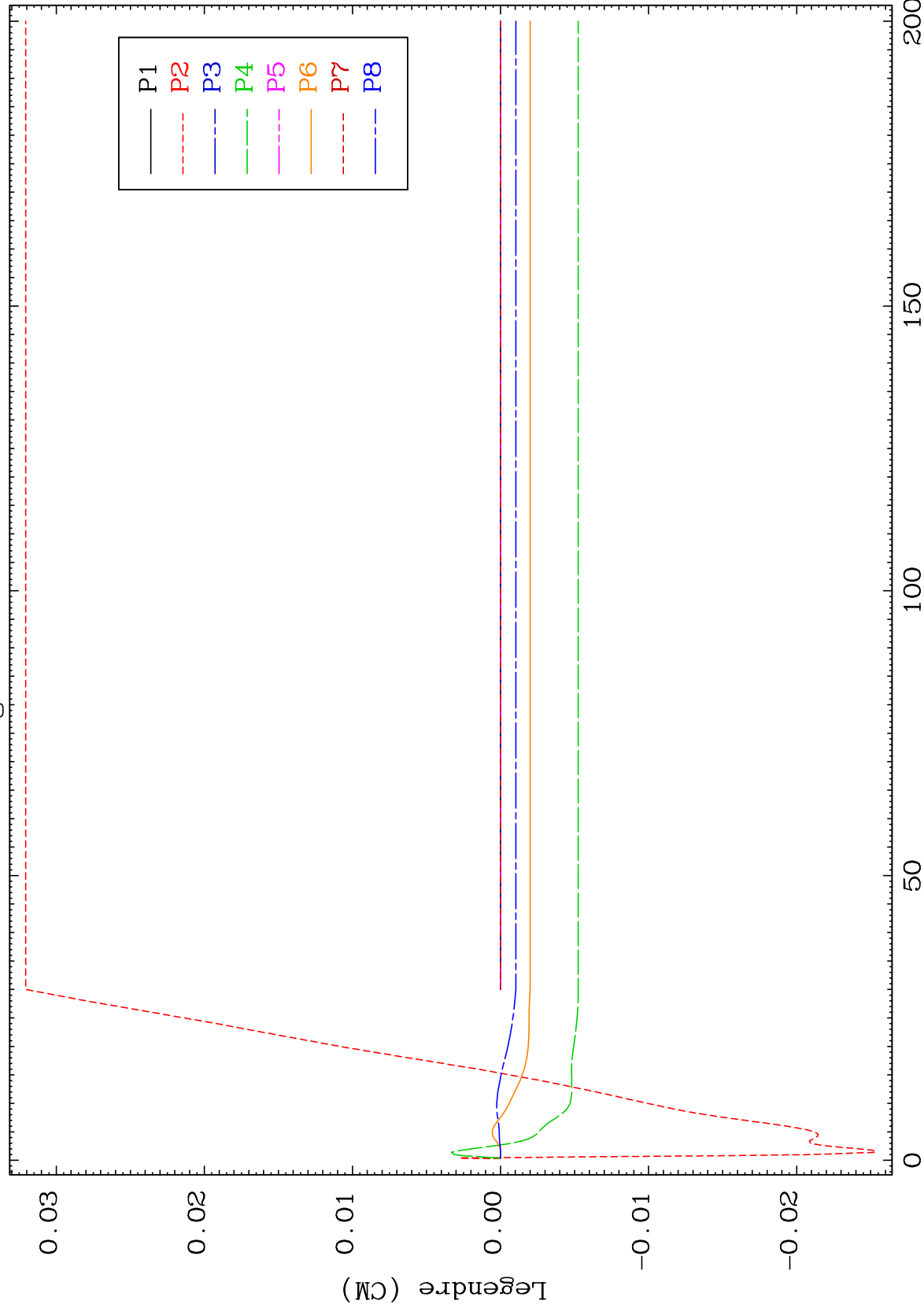




MAT 6104

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

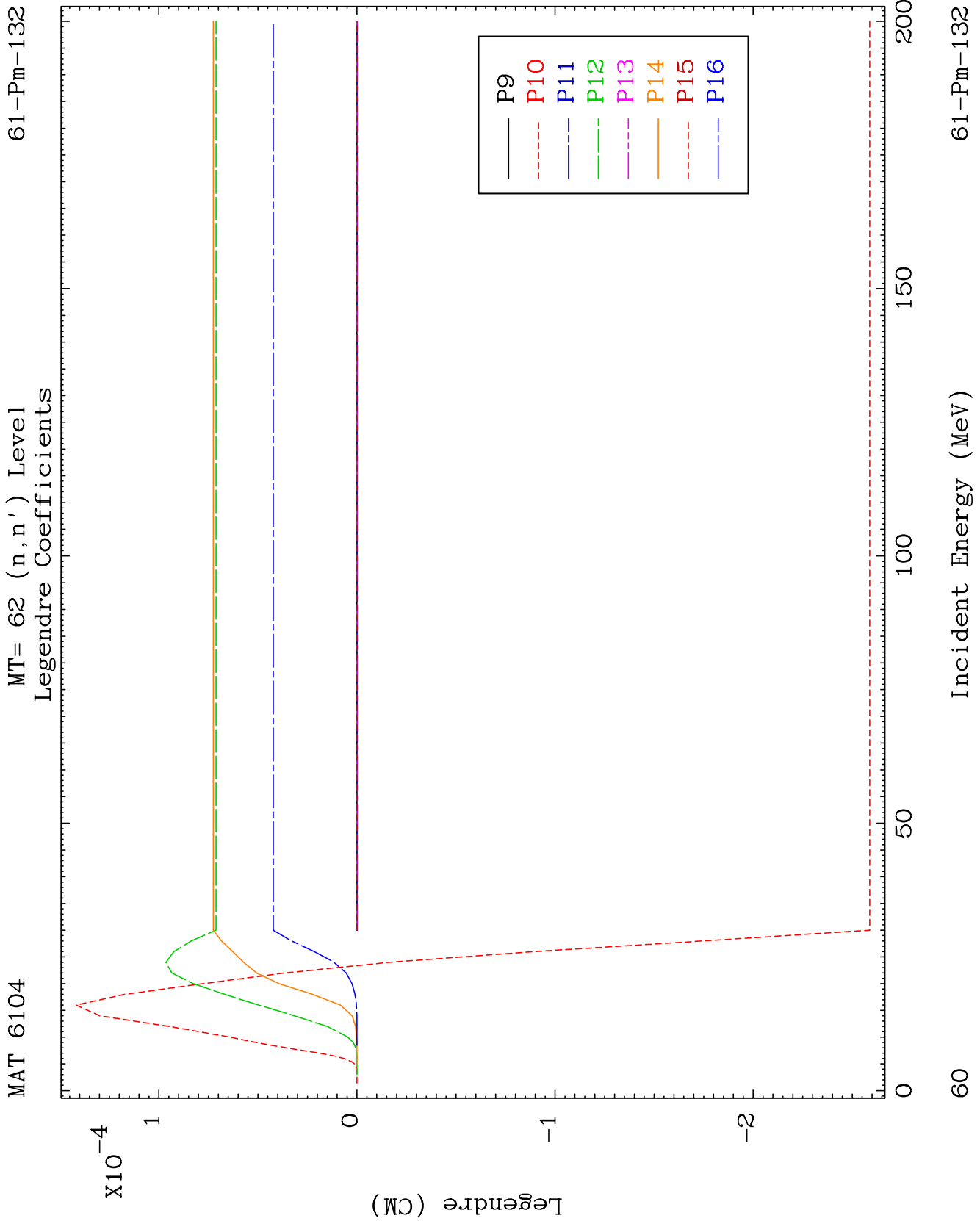
61-Pm-132

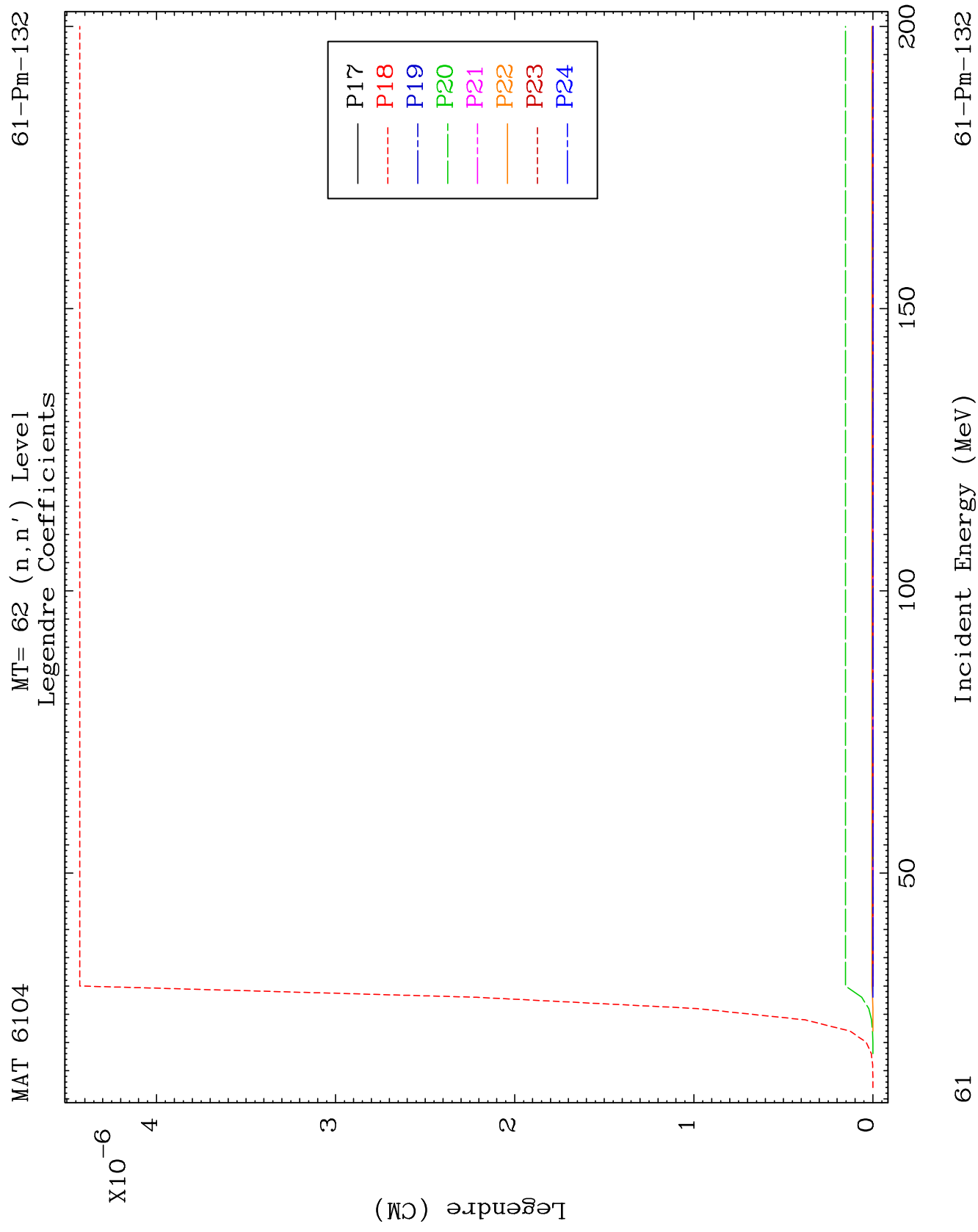


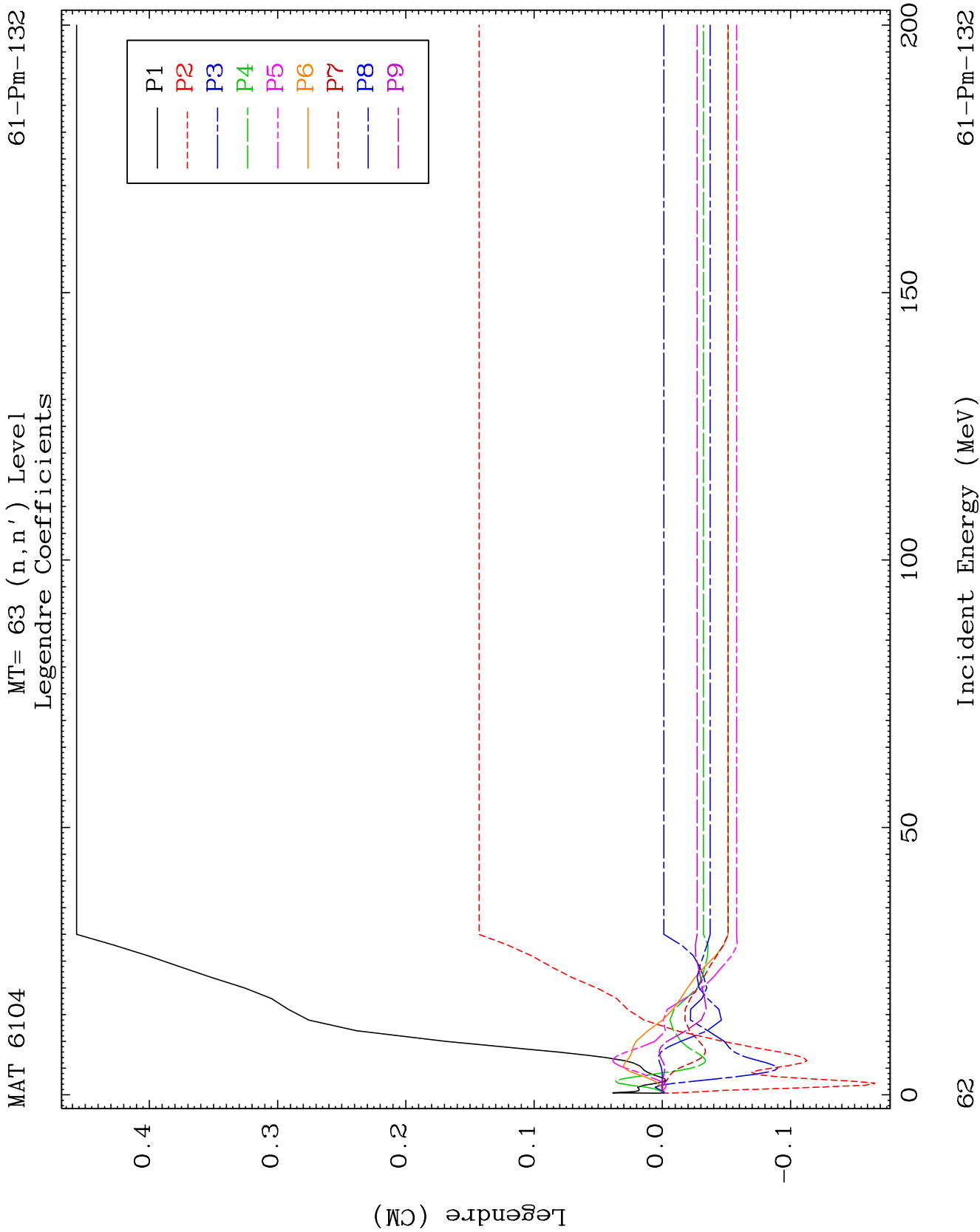
59

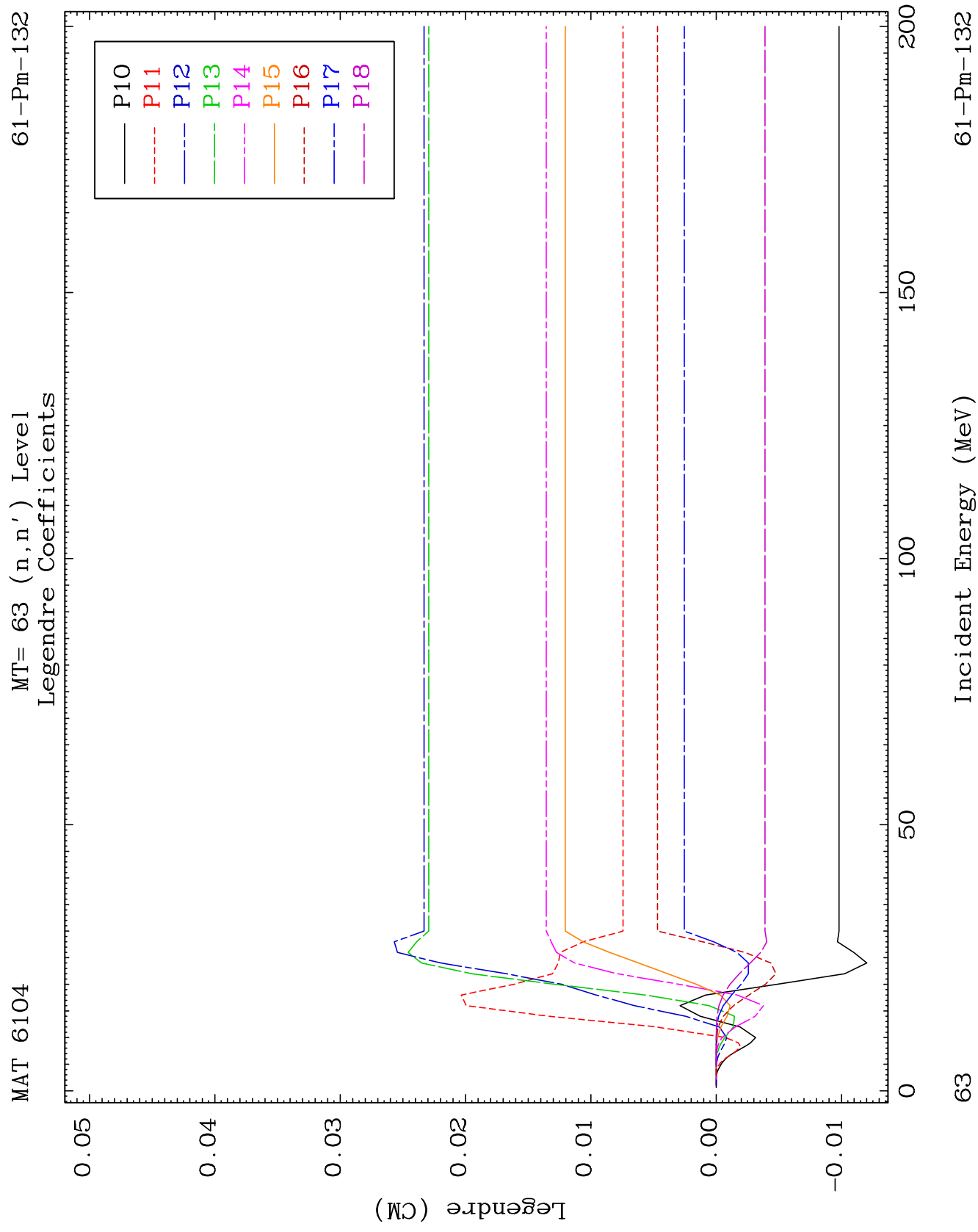
Incident Energy (MeV)

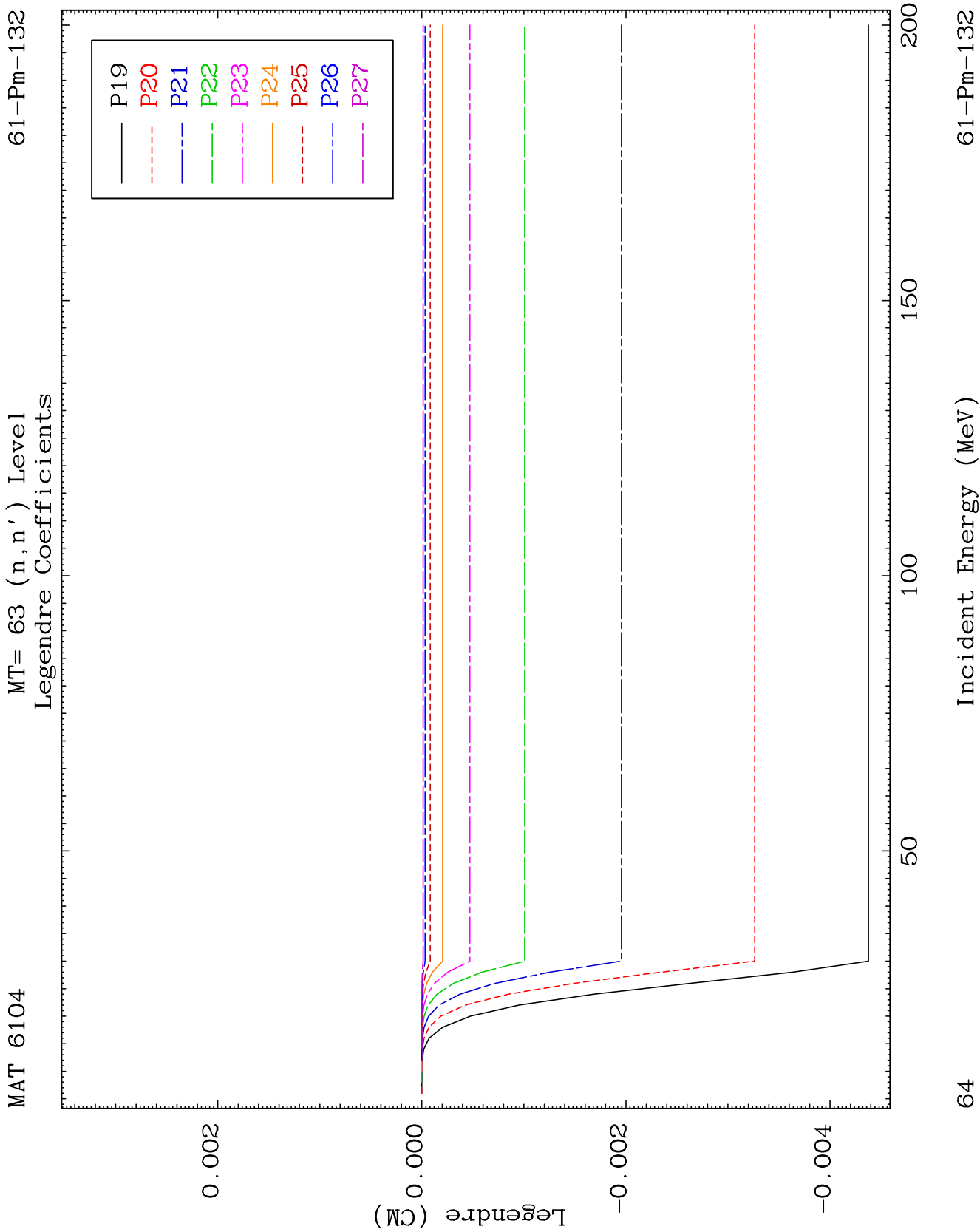
61-Pm-132

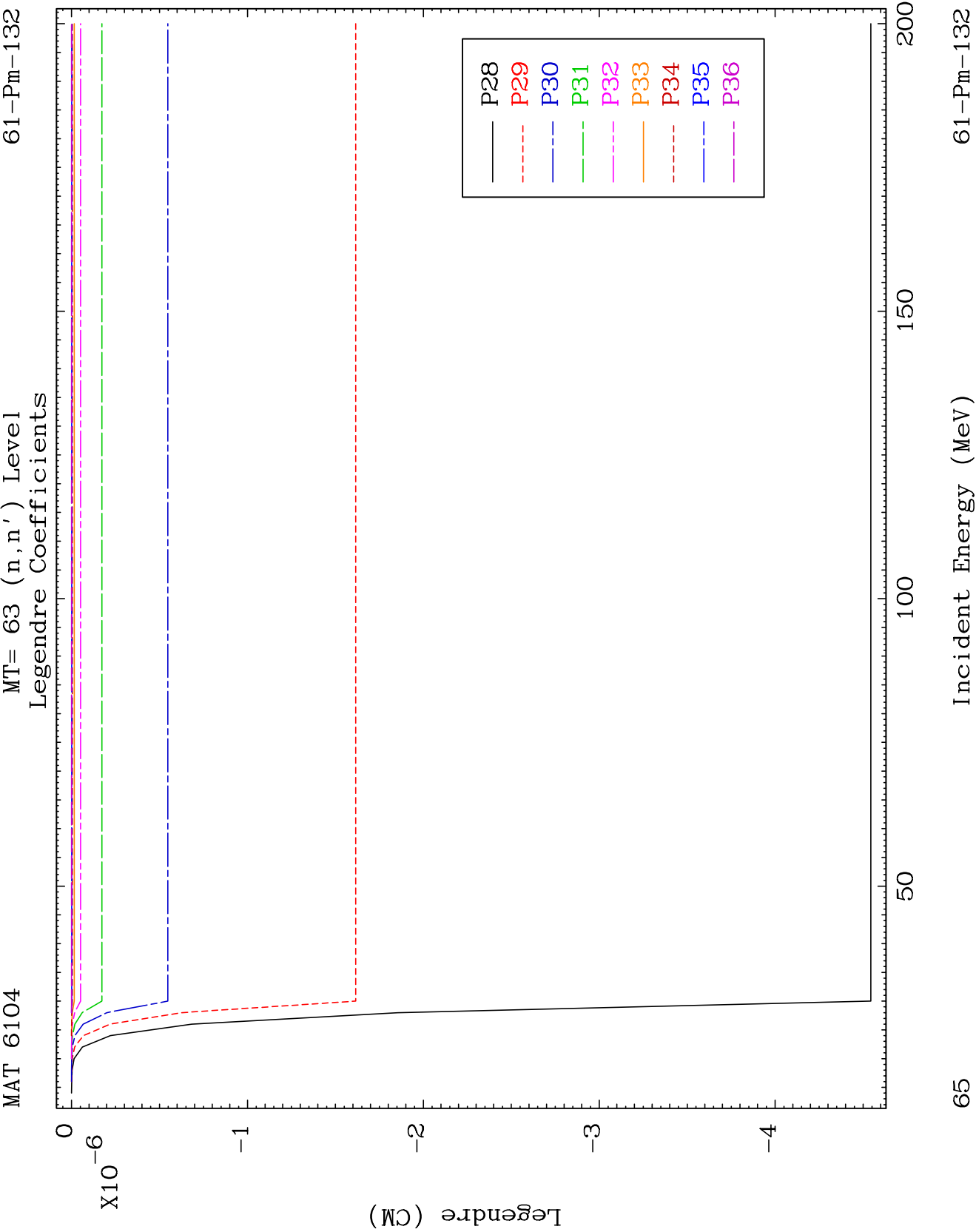


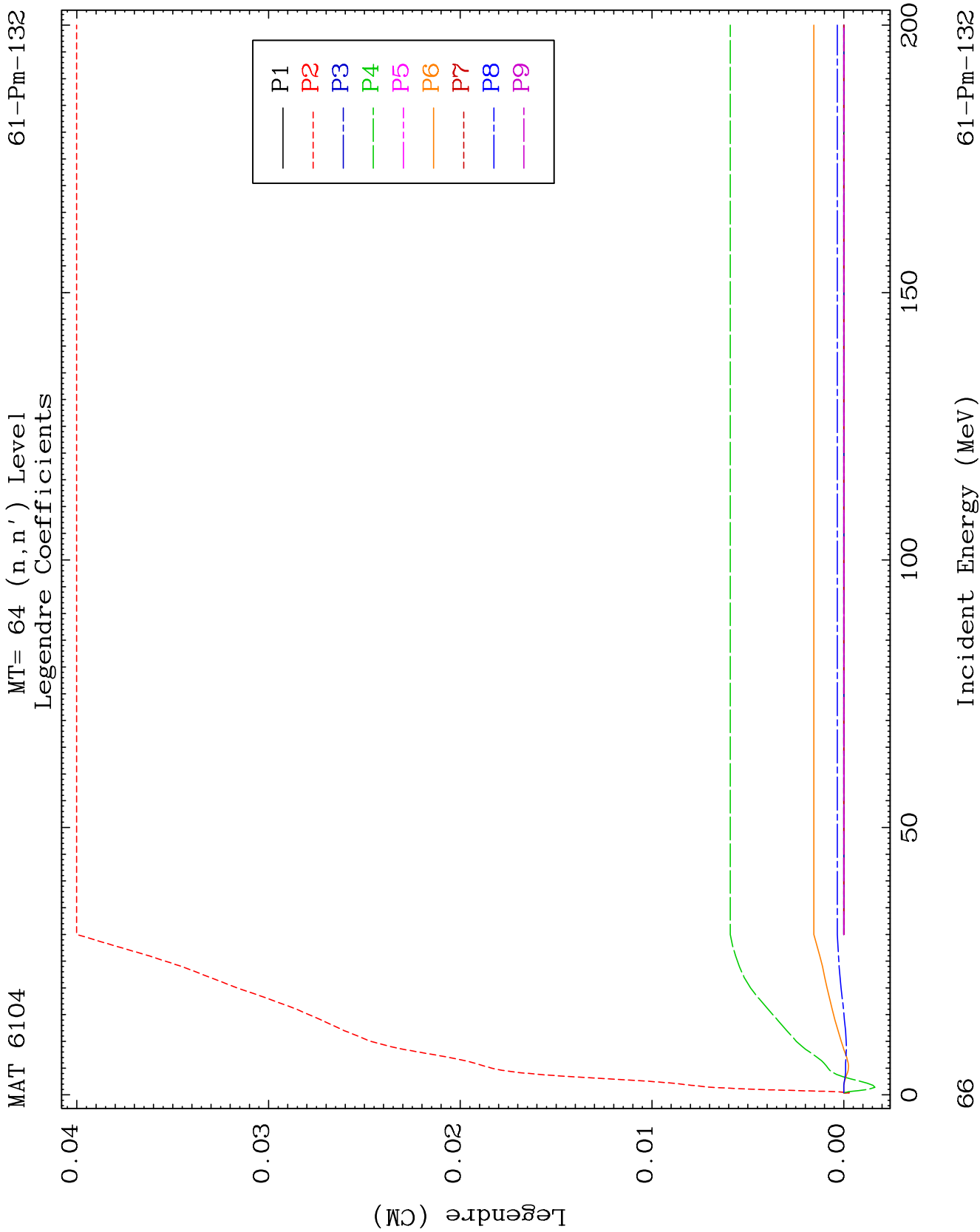


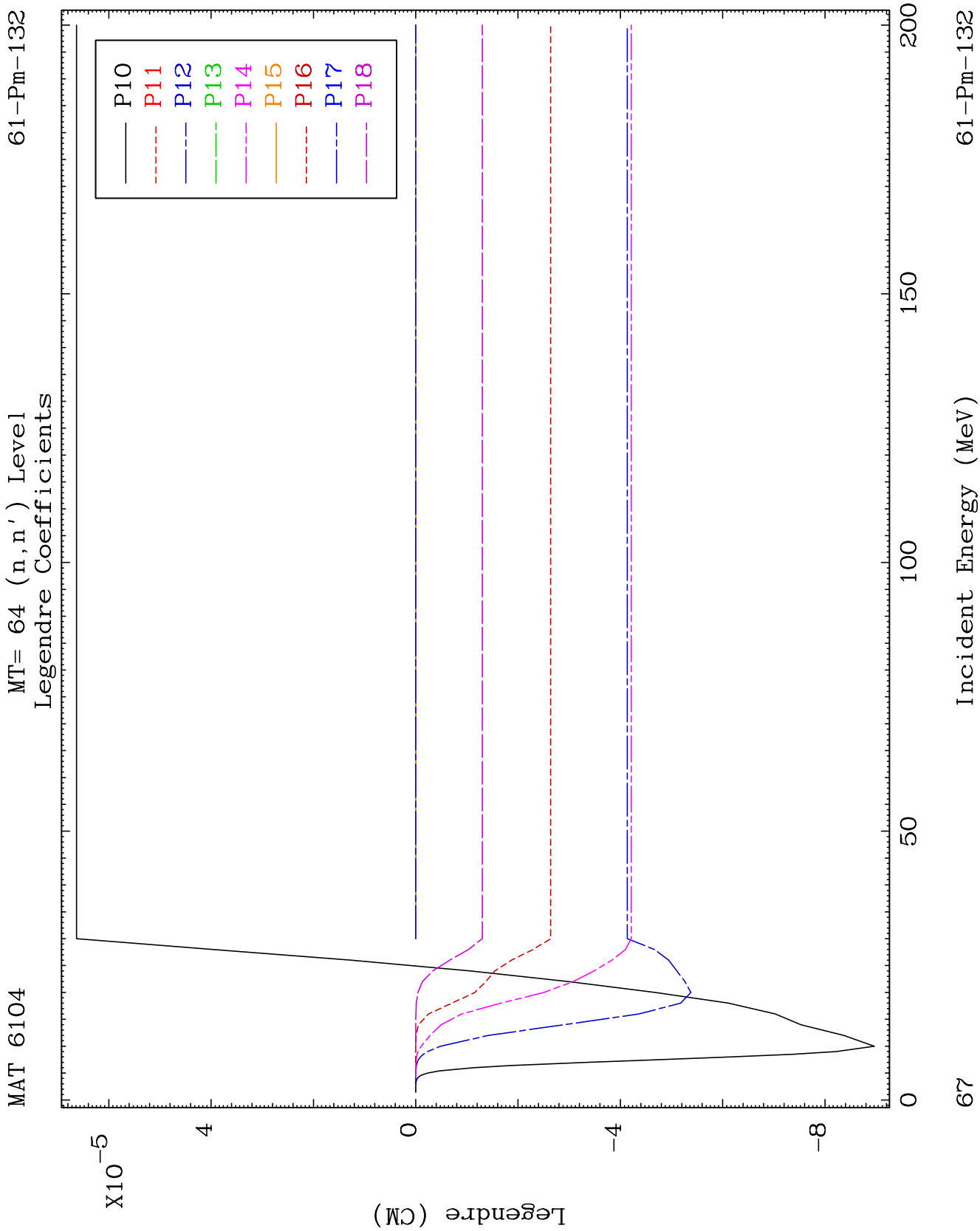


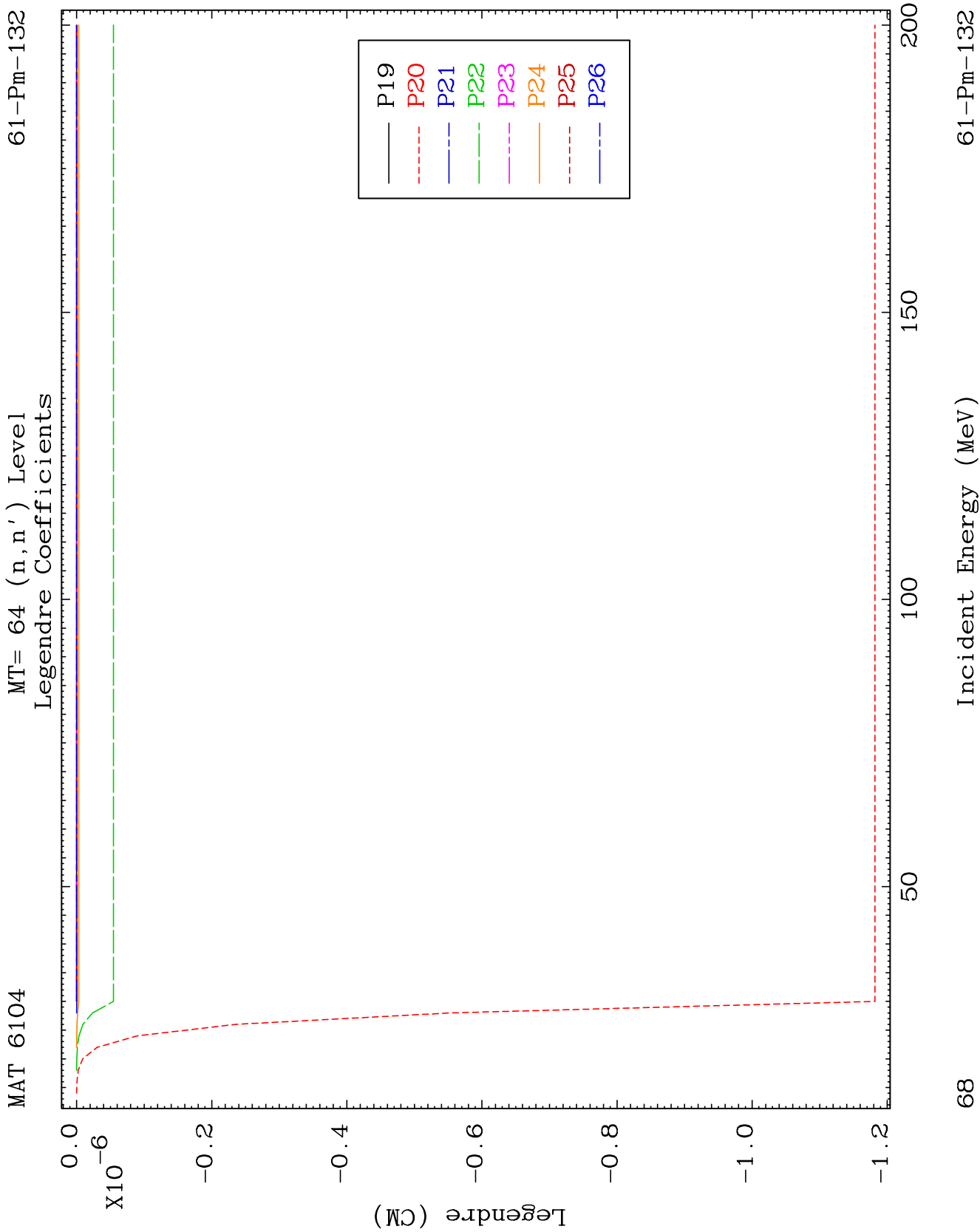


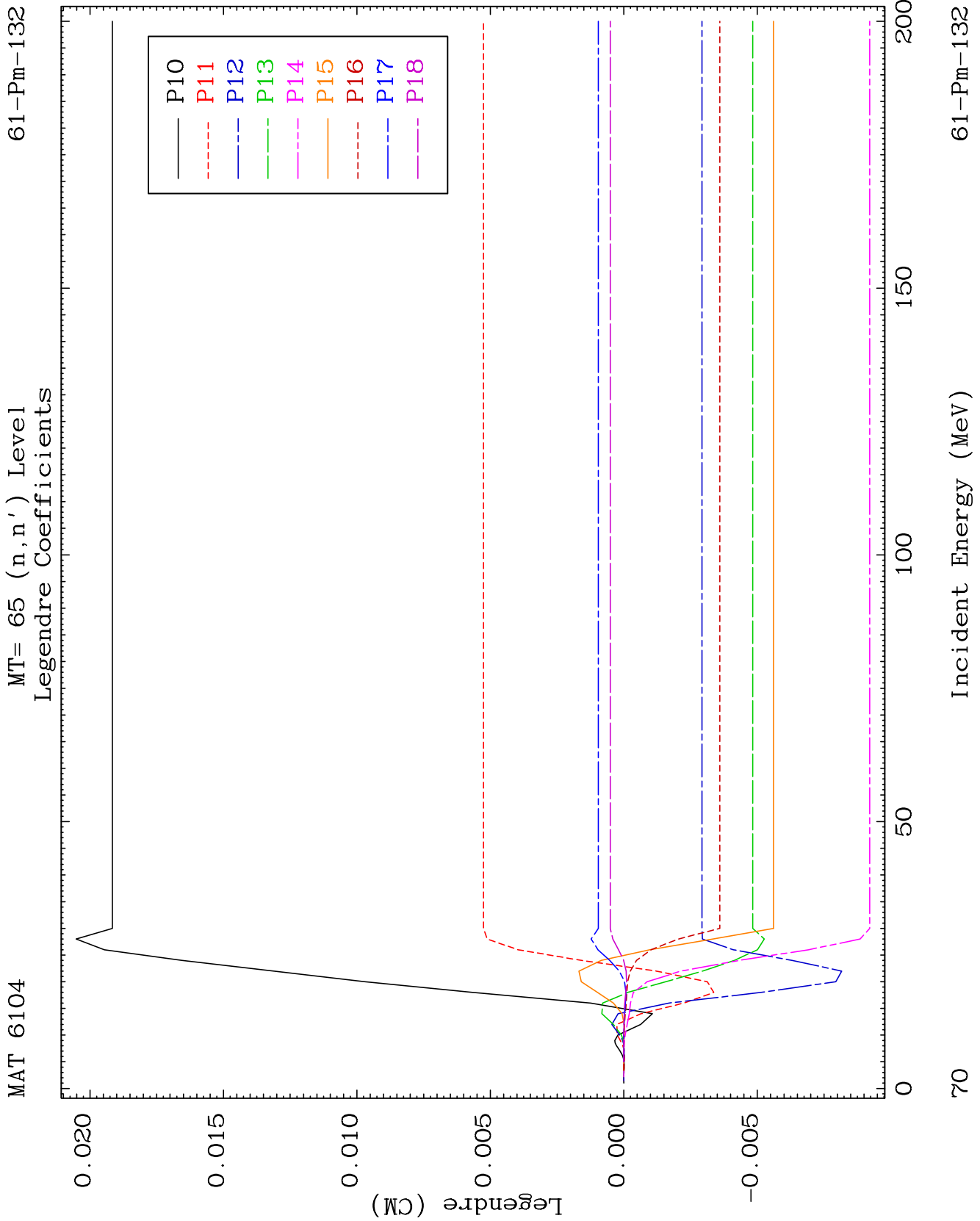


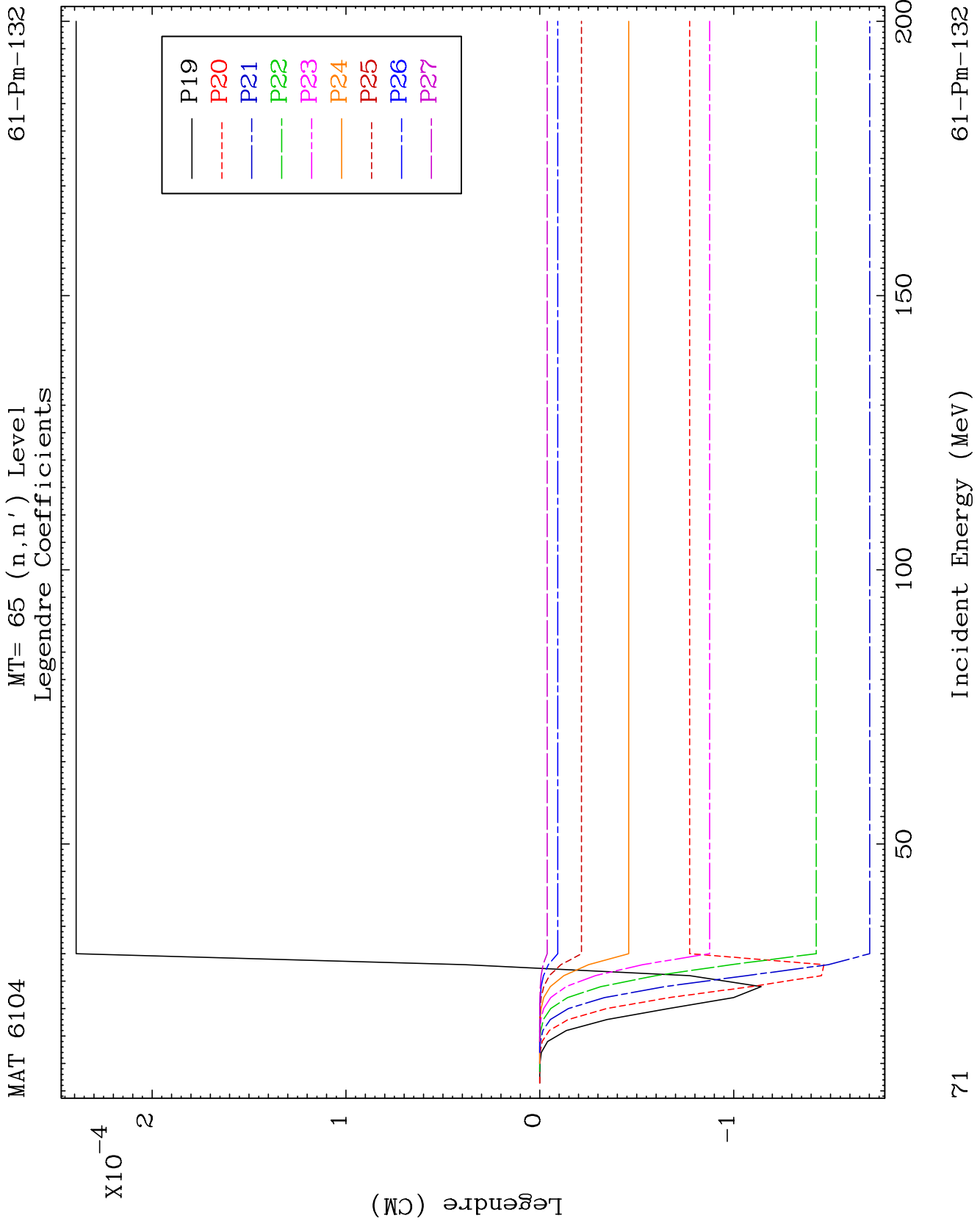


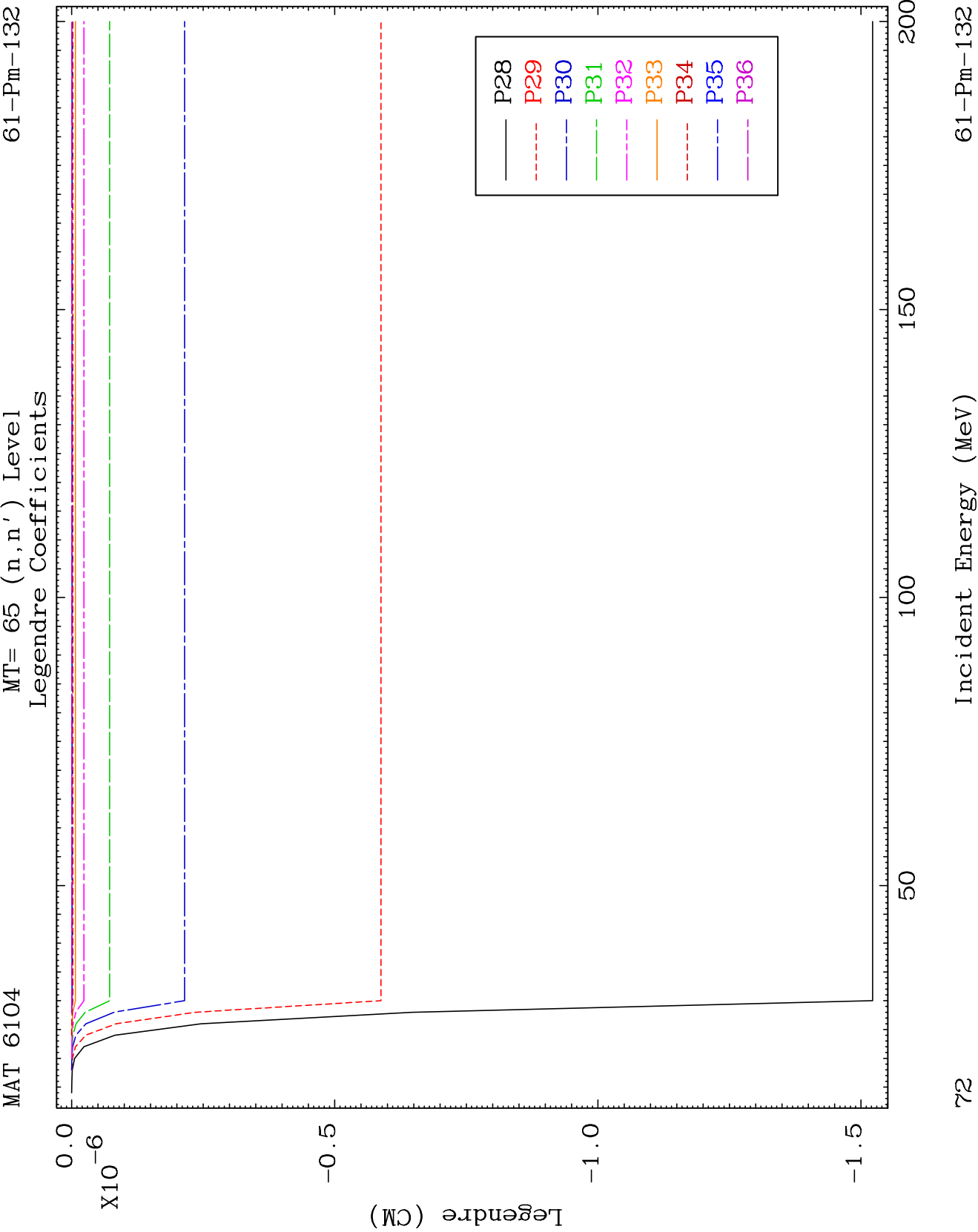








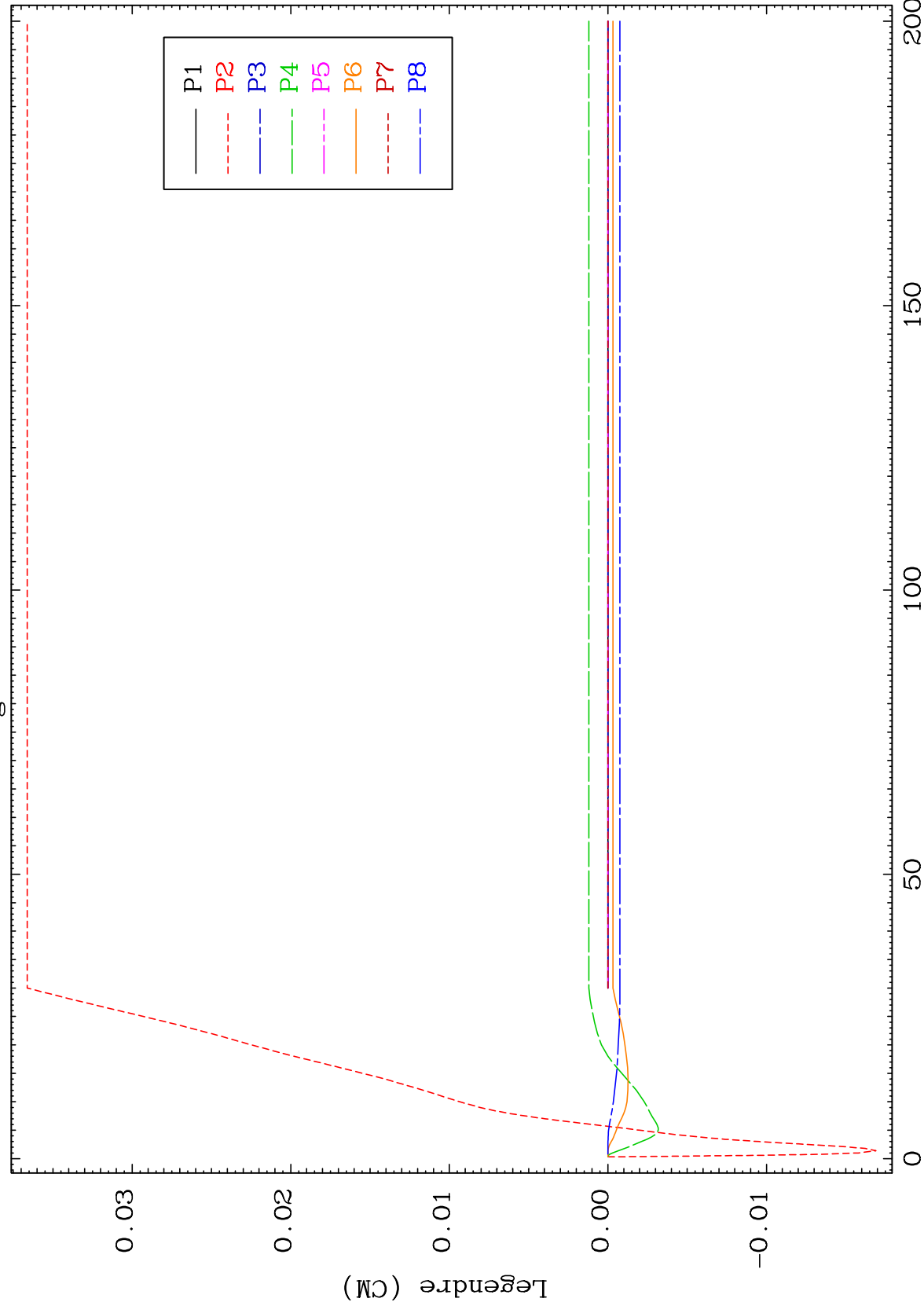




MAT 6104

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

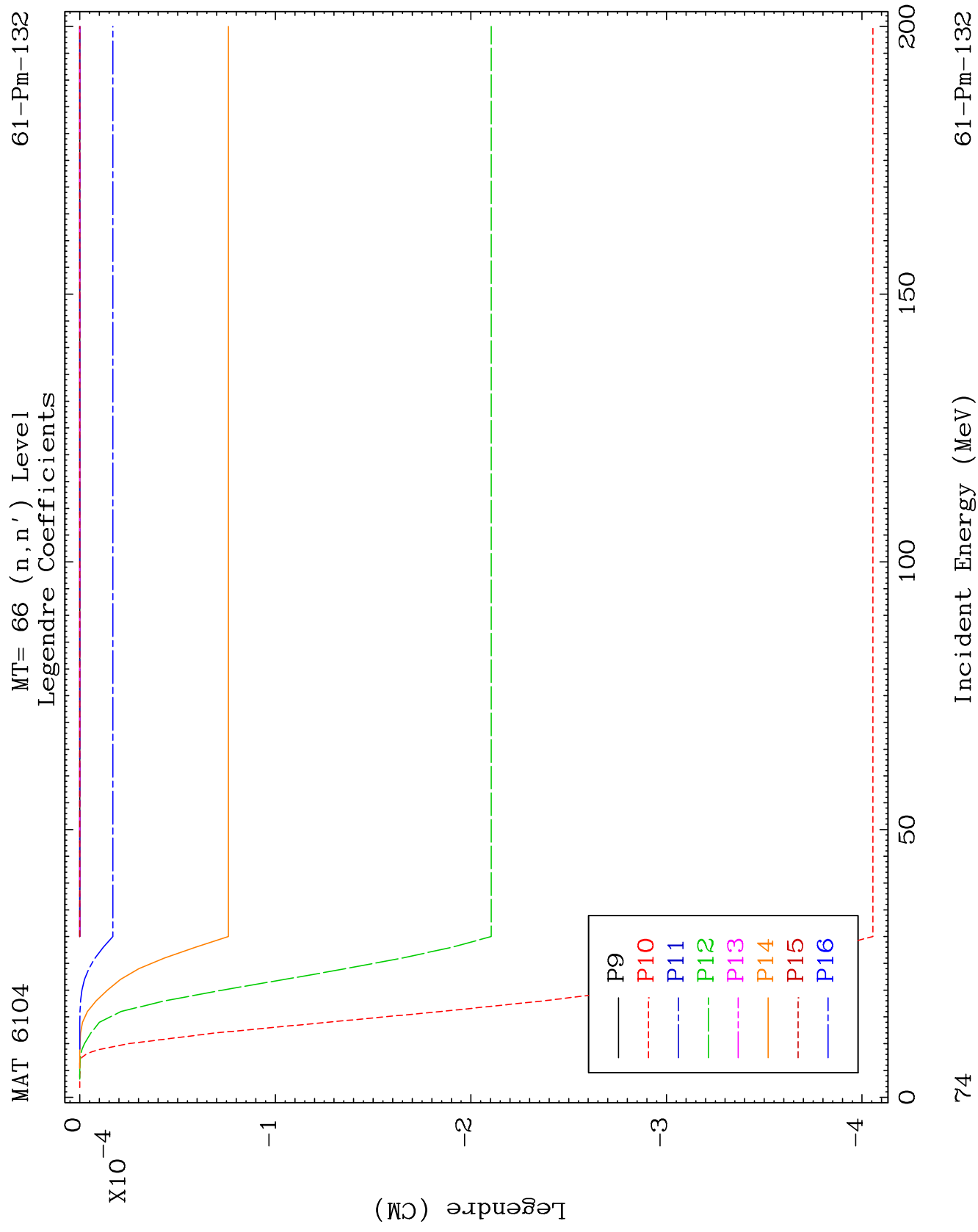
61-Pm-132

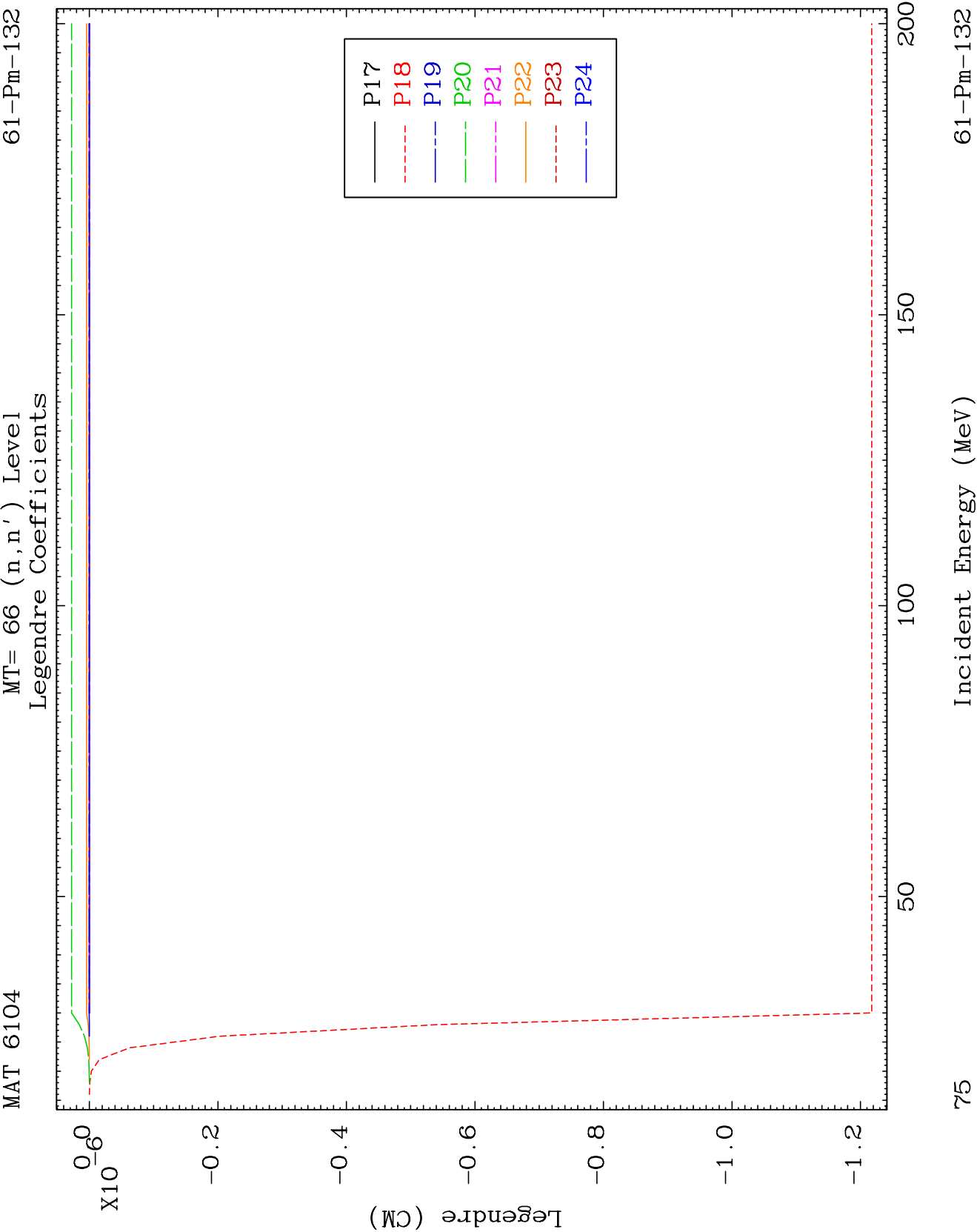


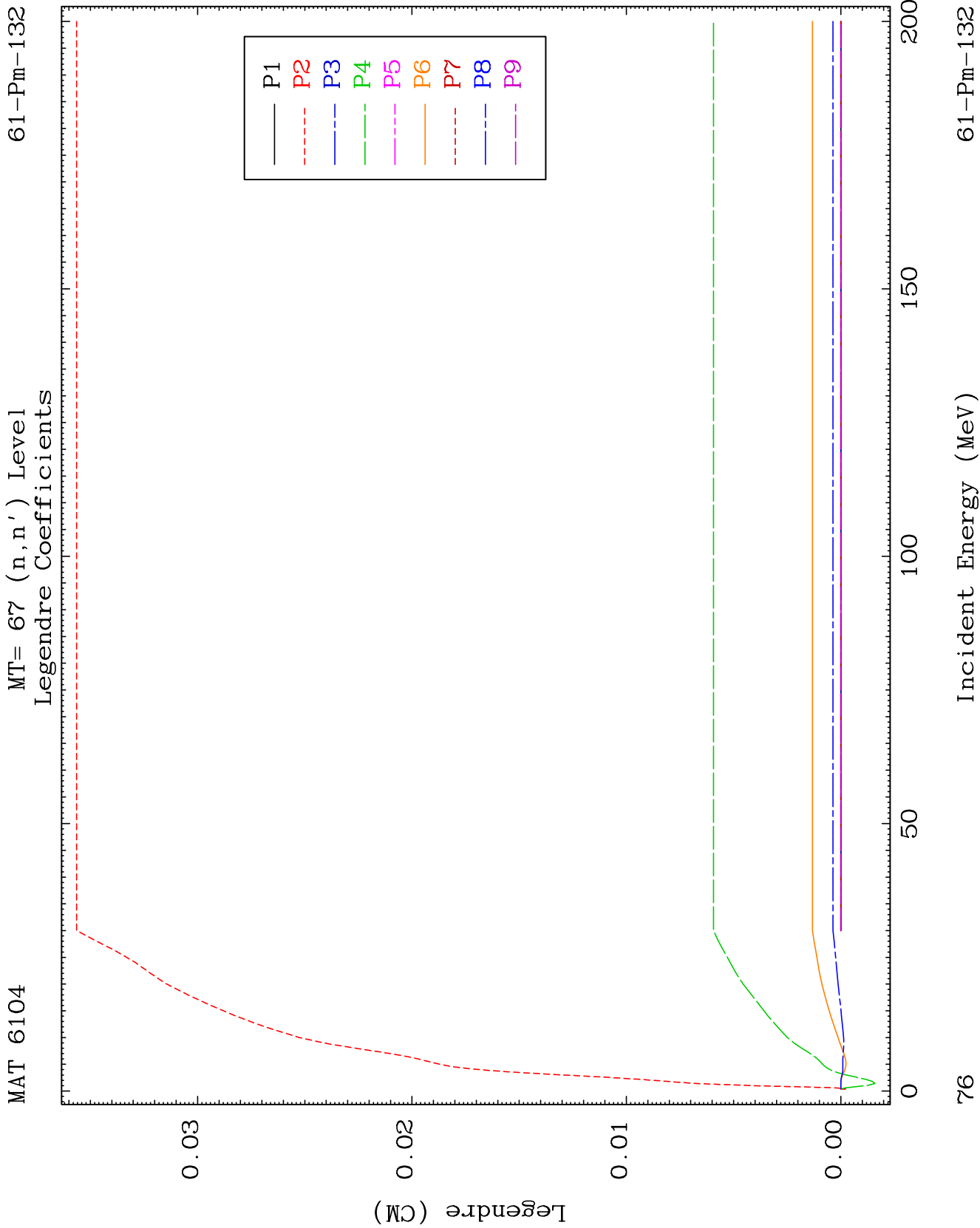
23

Incident Energy (MeV)

61-Pm-132



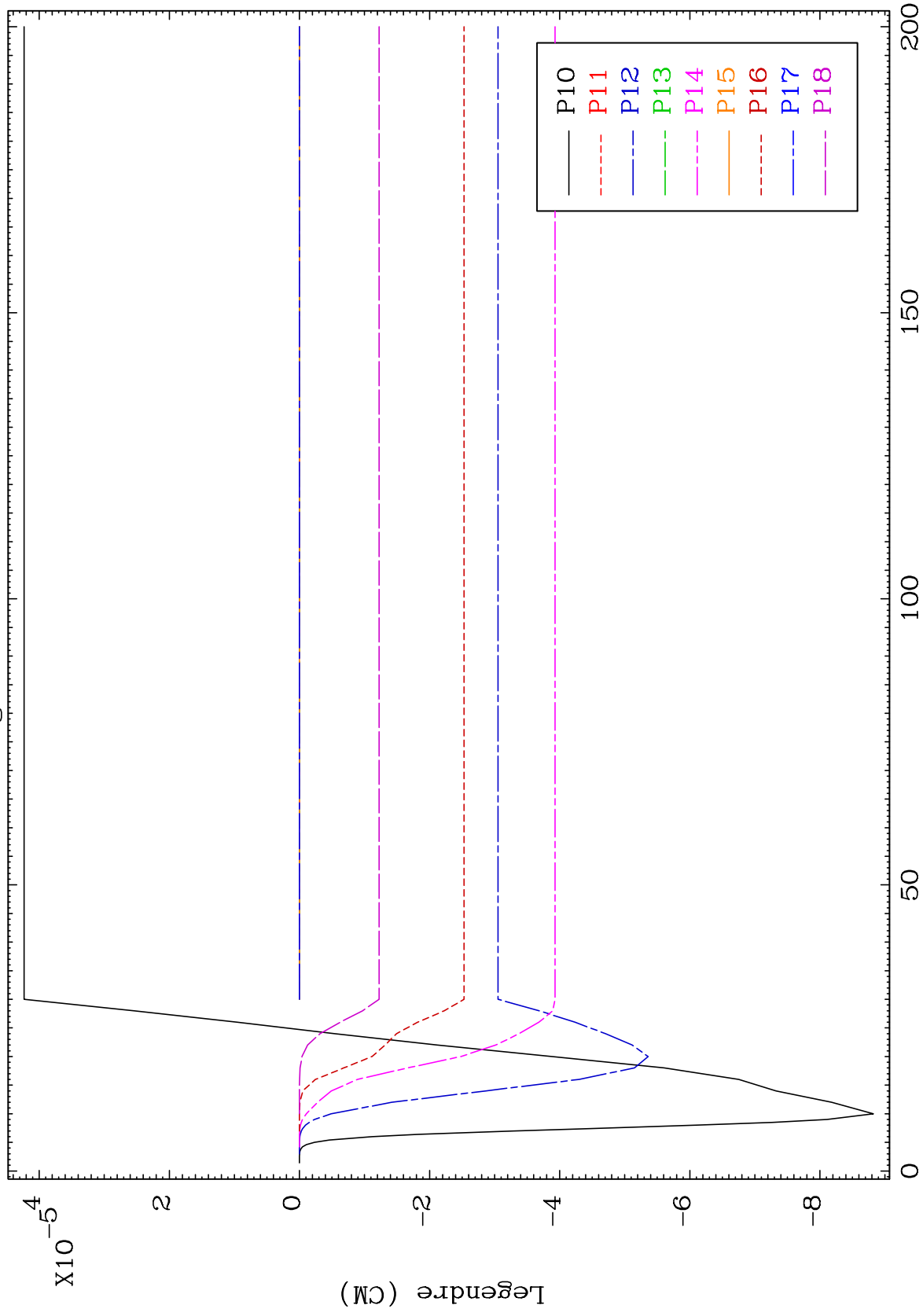




MAT 6104

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

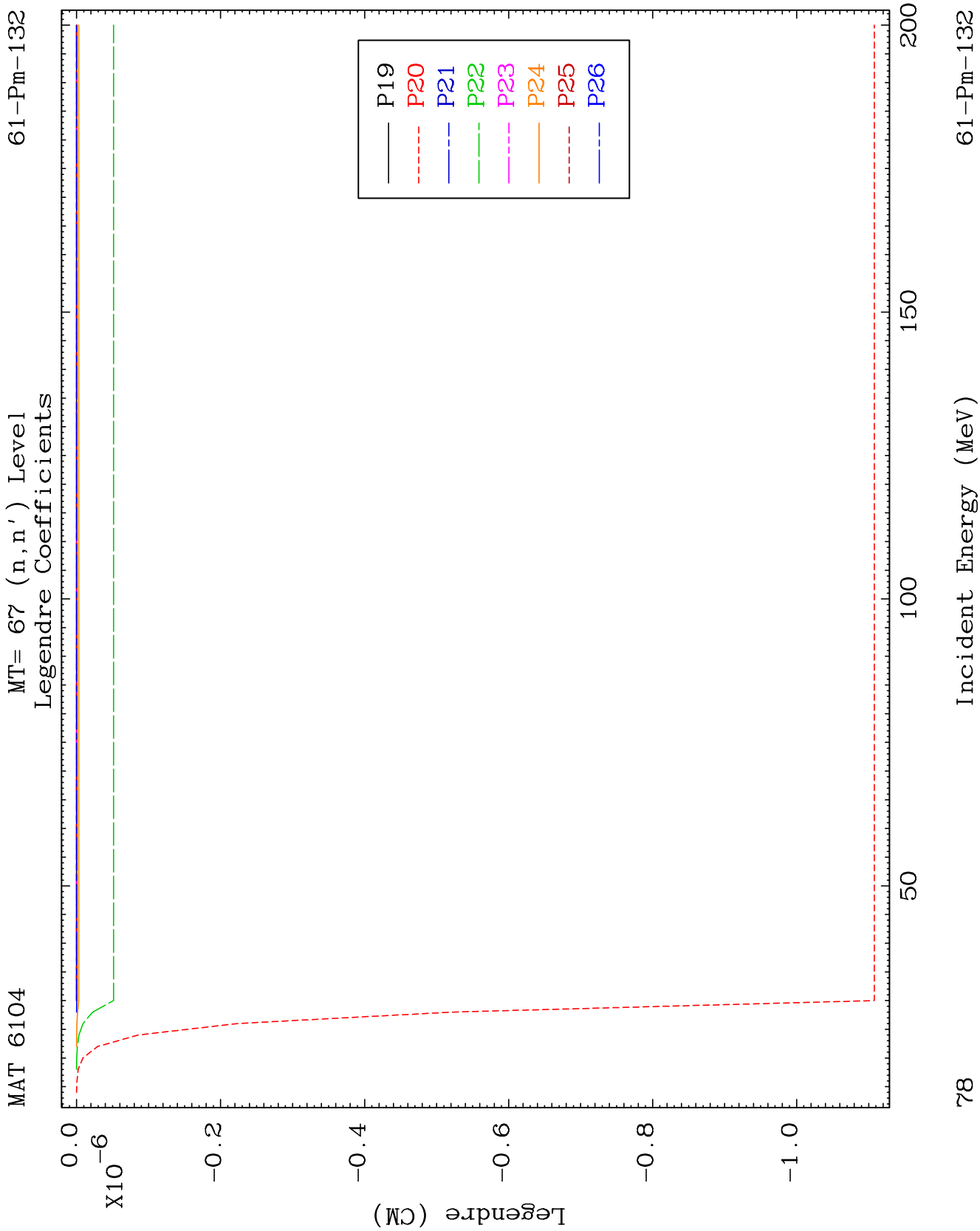
61-Pm-132



77

Incident Energy (MeV)

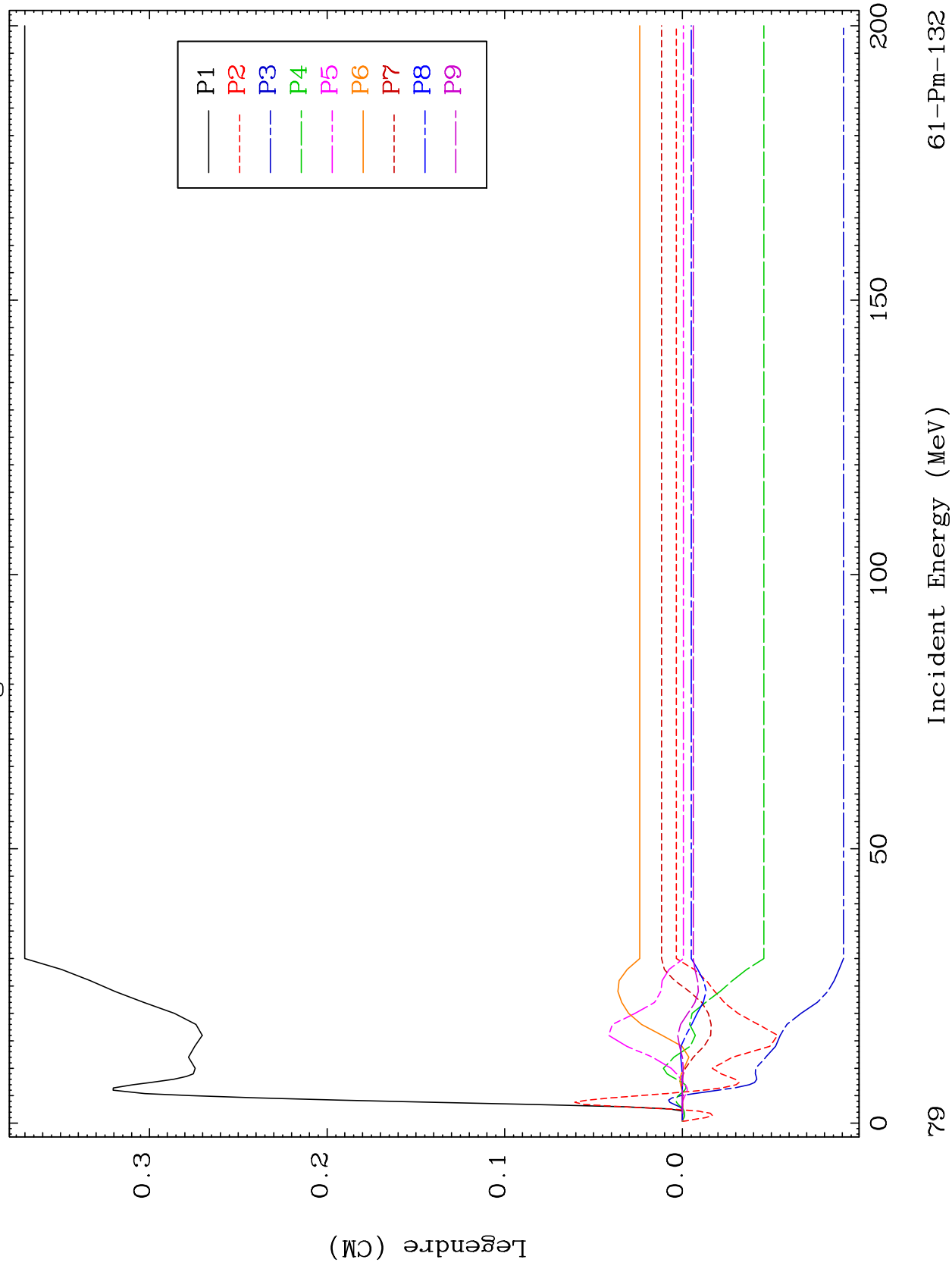
61-Pm-132



MAT 6104

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

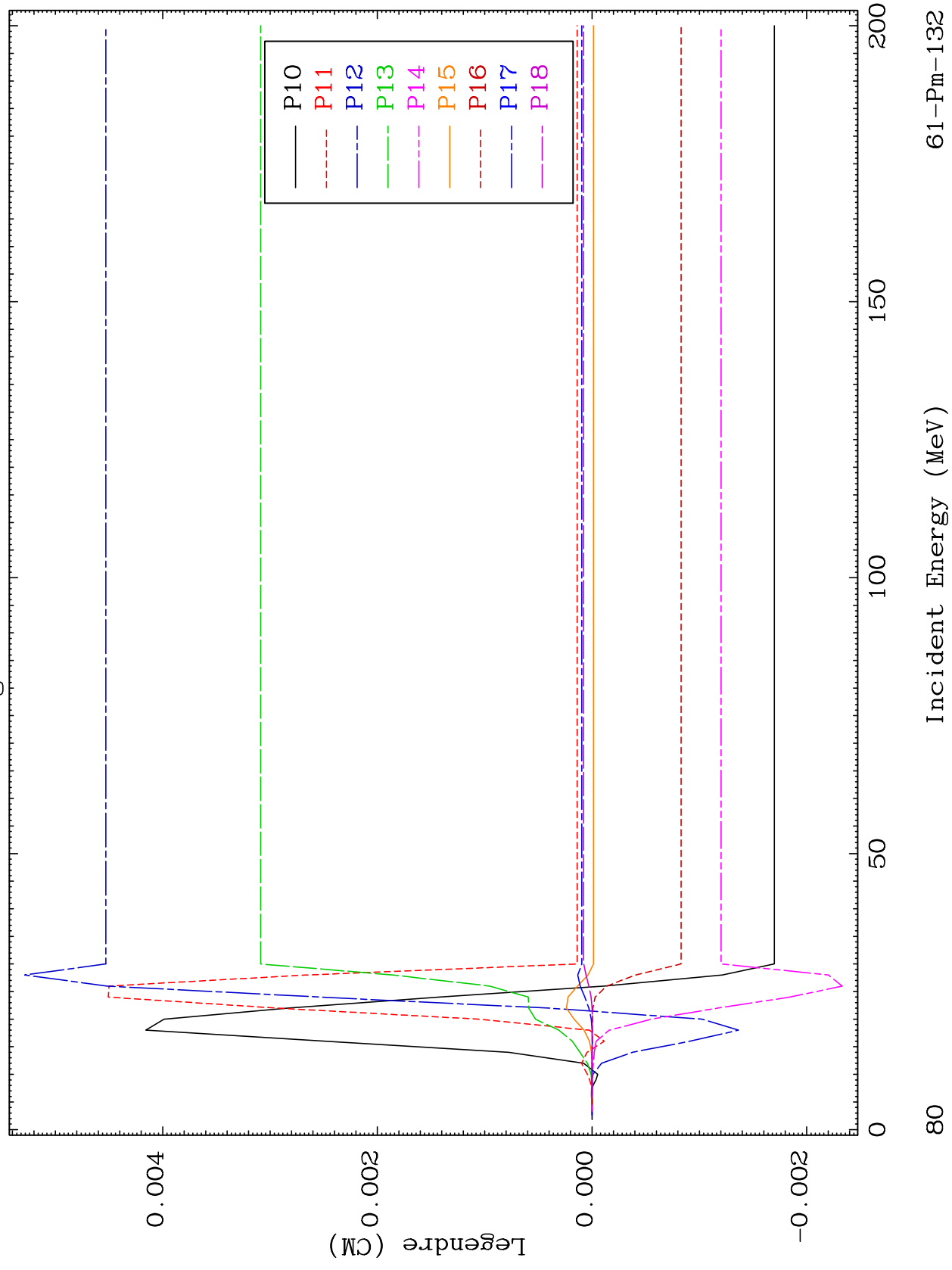
61-Pm-132

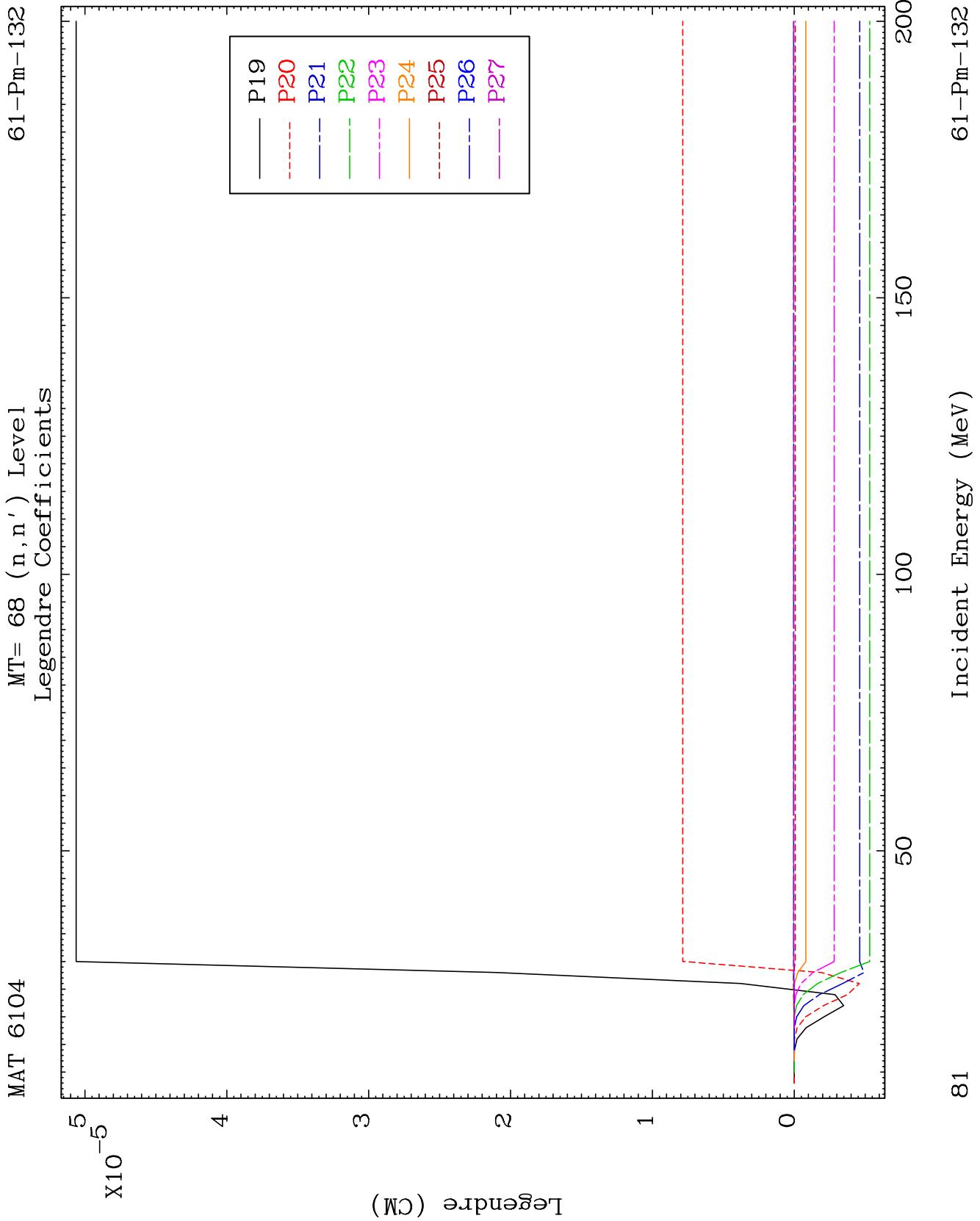


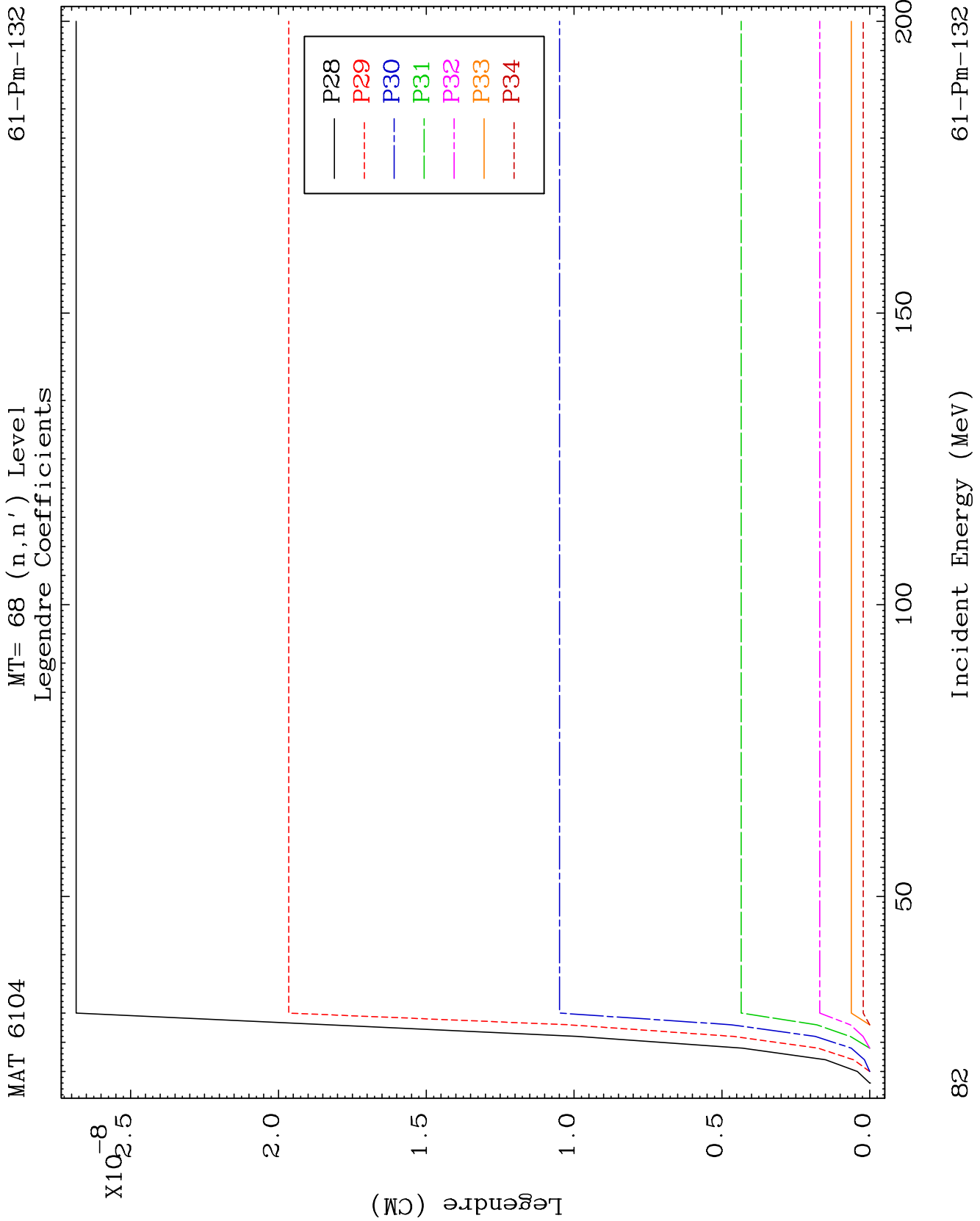
MAT 6104

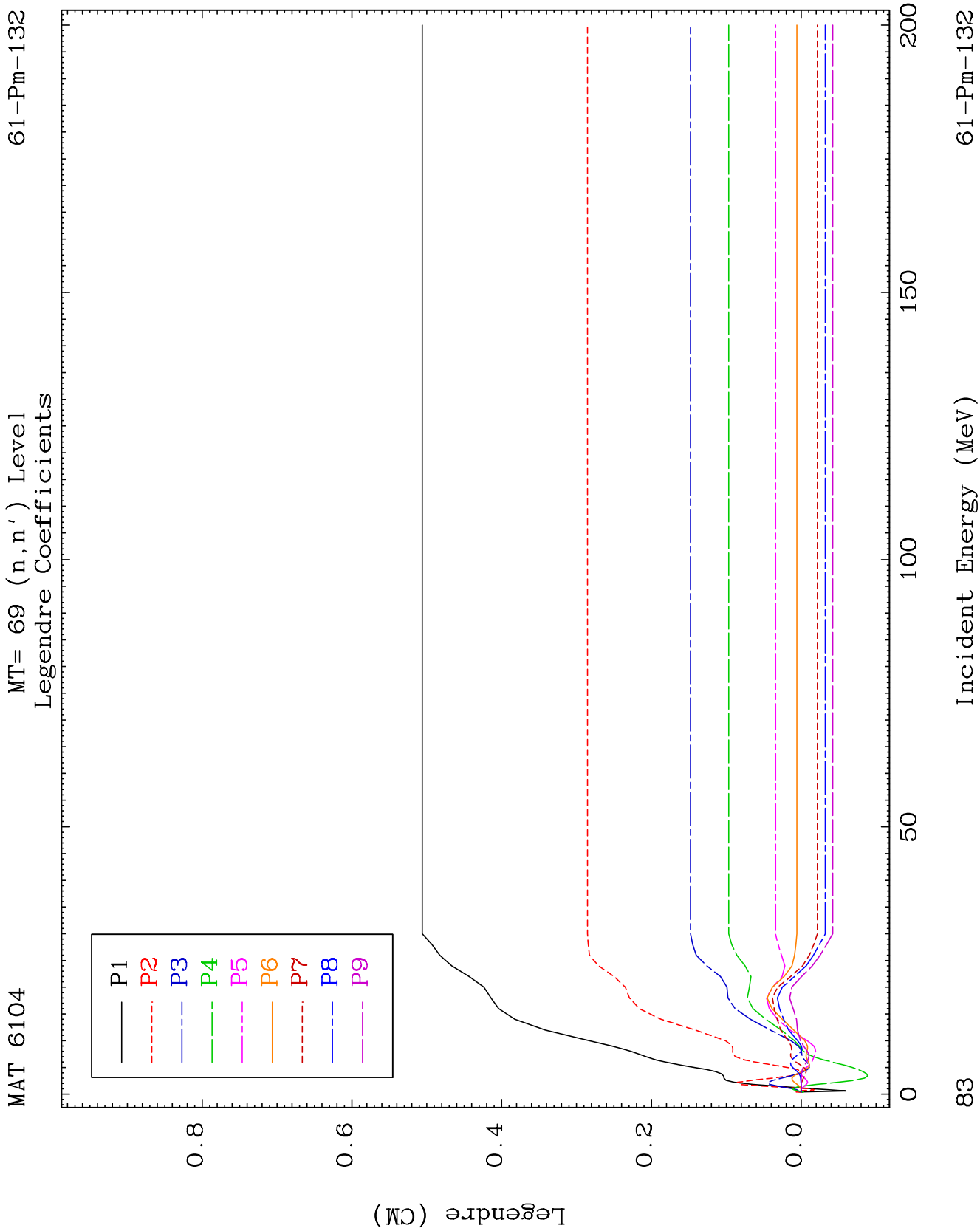
MT= 68 (n, n') Level
Legendre Coefficients

61-Pm-132





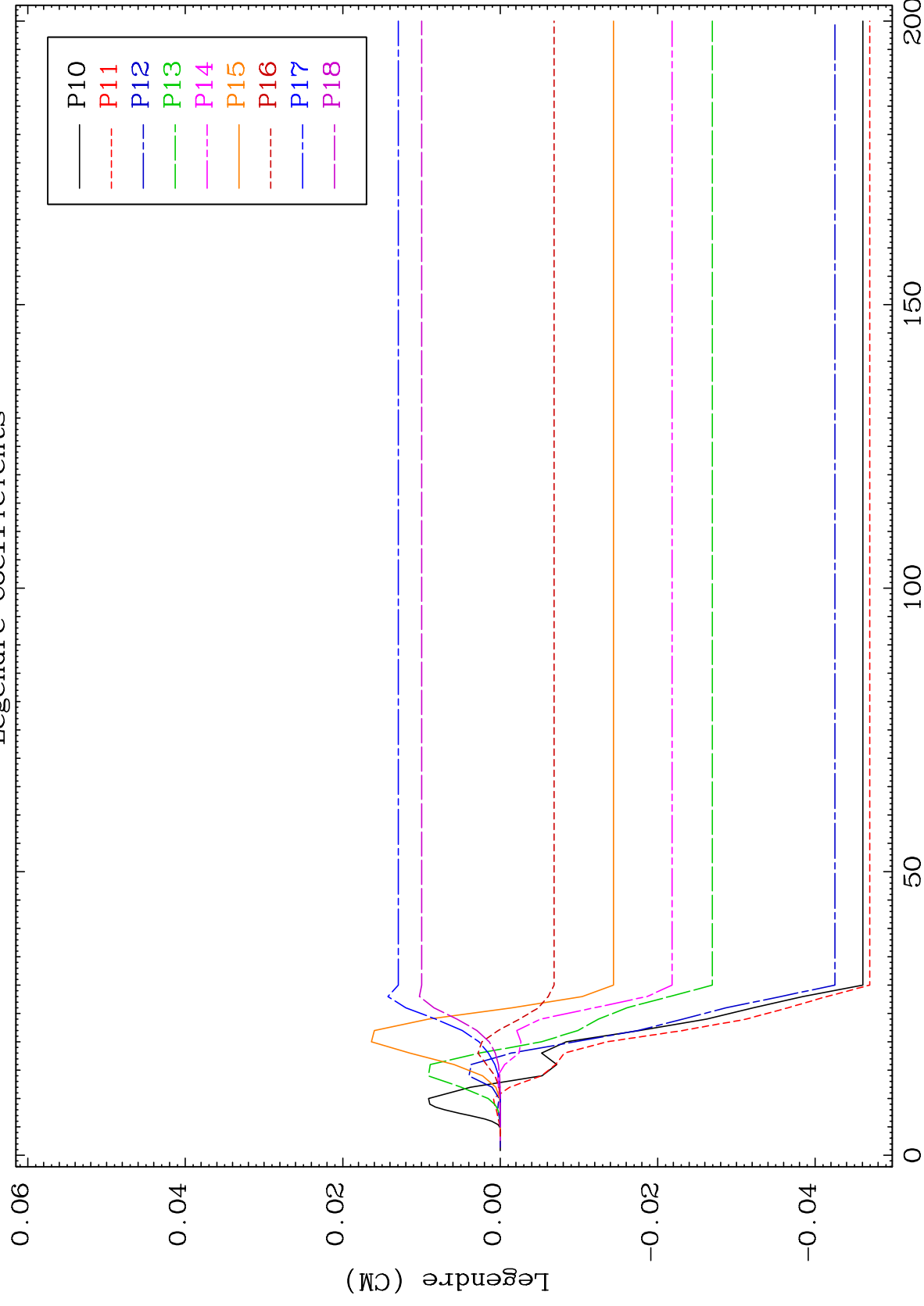




MAT 6104

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

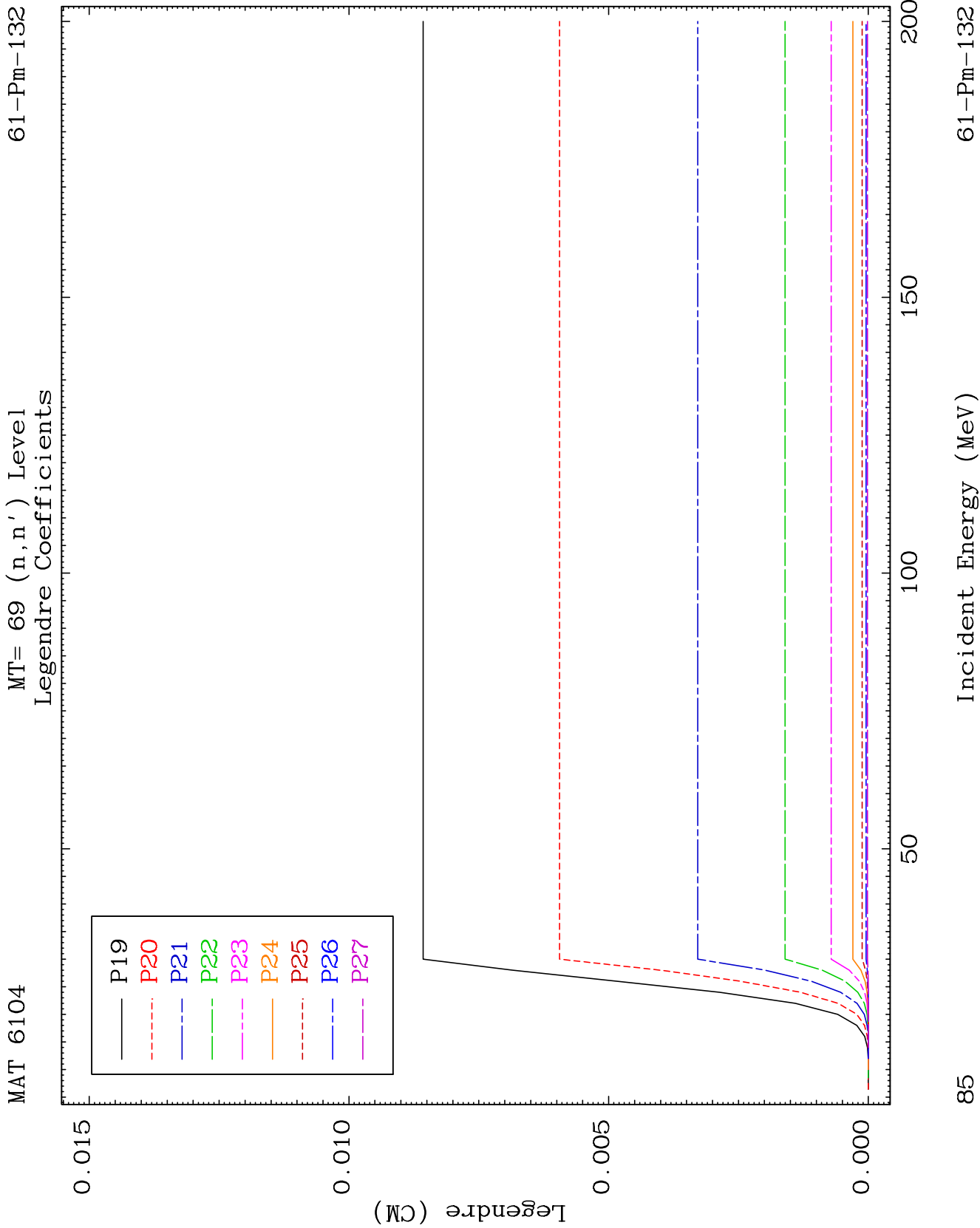
61-Pm-132

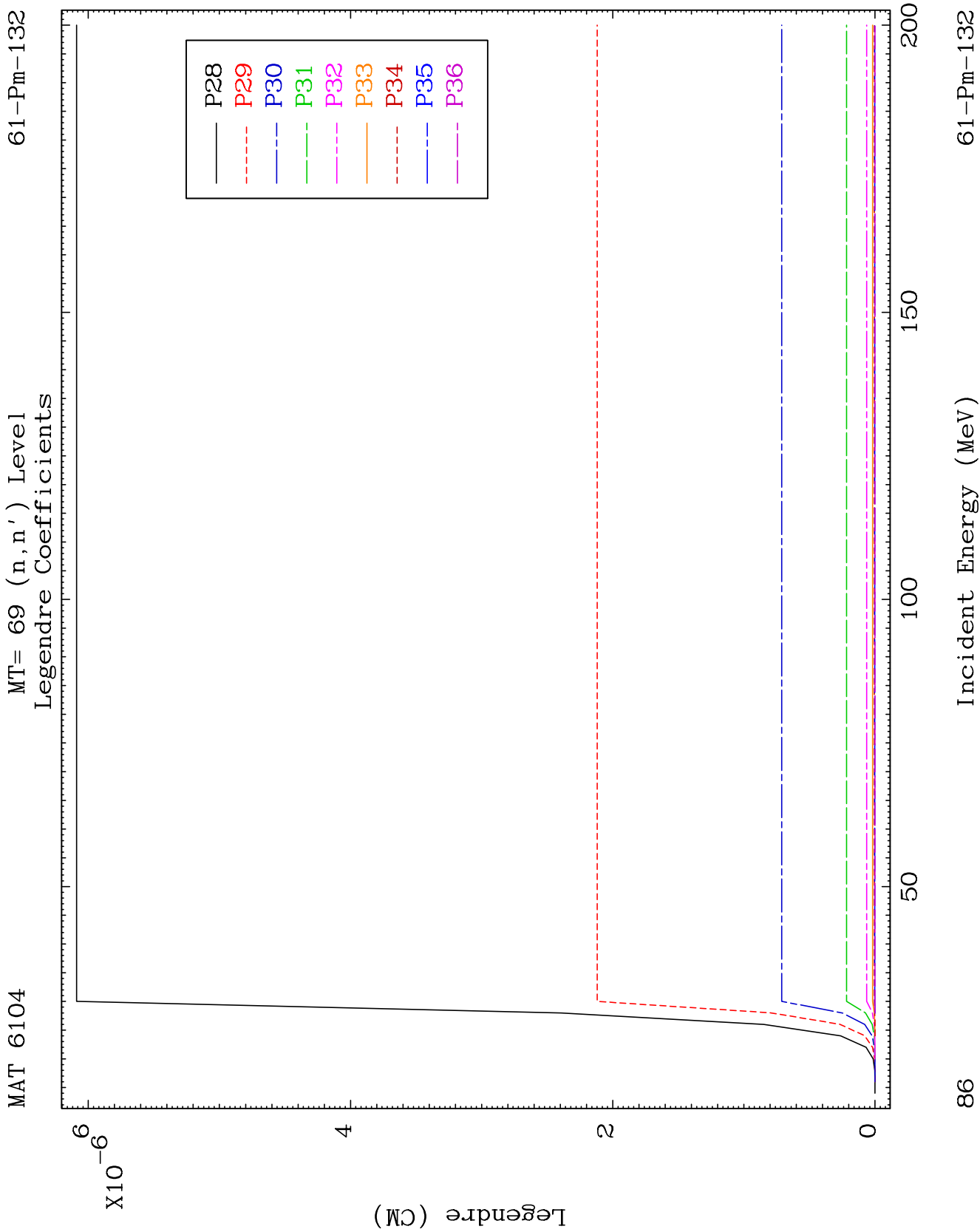


84

Incident Energy (MeV)

61-Pm-132

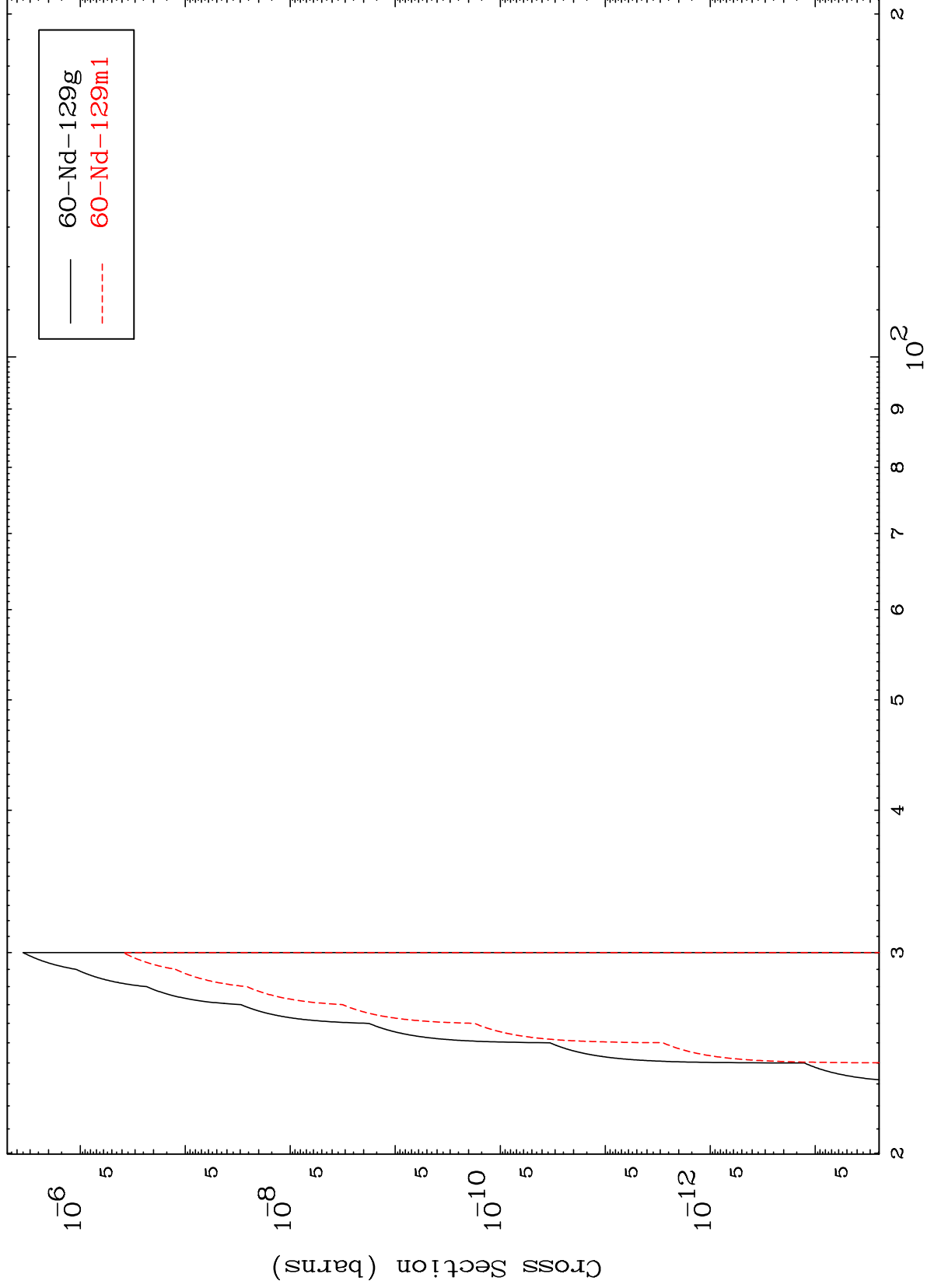




MAT 6104

61-Pm-132

(n,2n) d
Radionuclide Production Cross Section

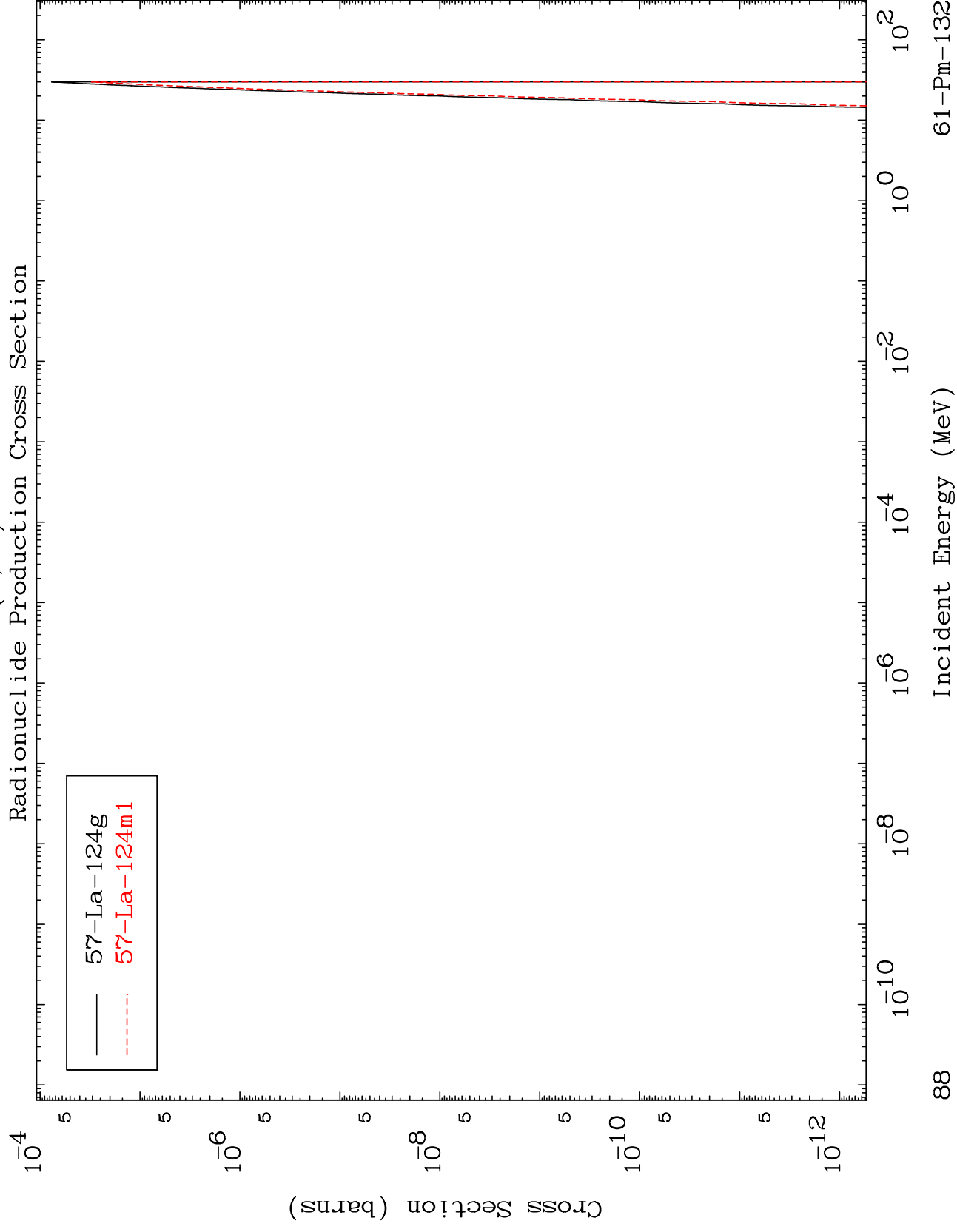


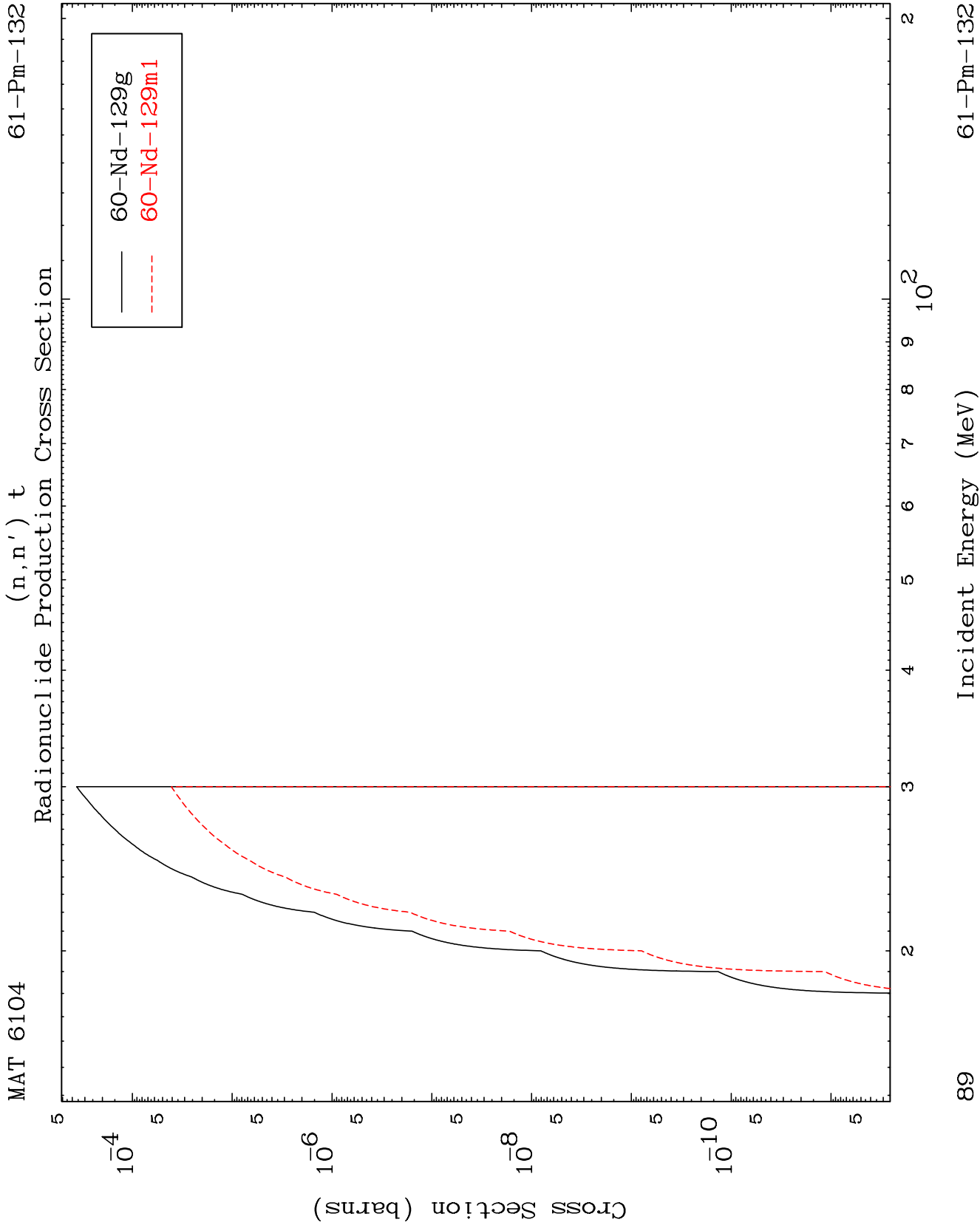
61-Pm-132

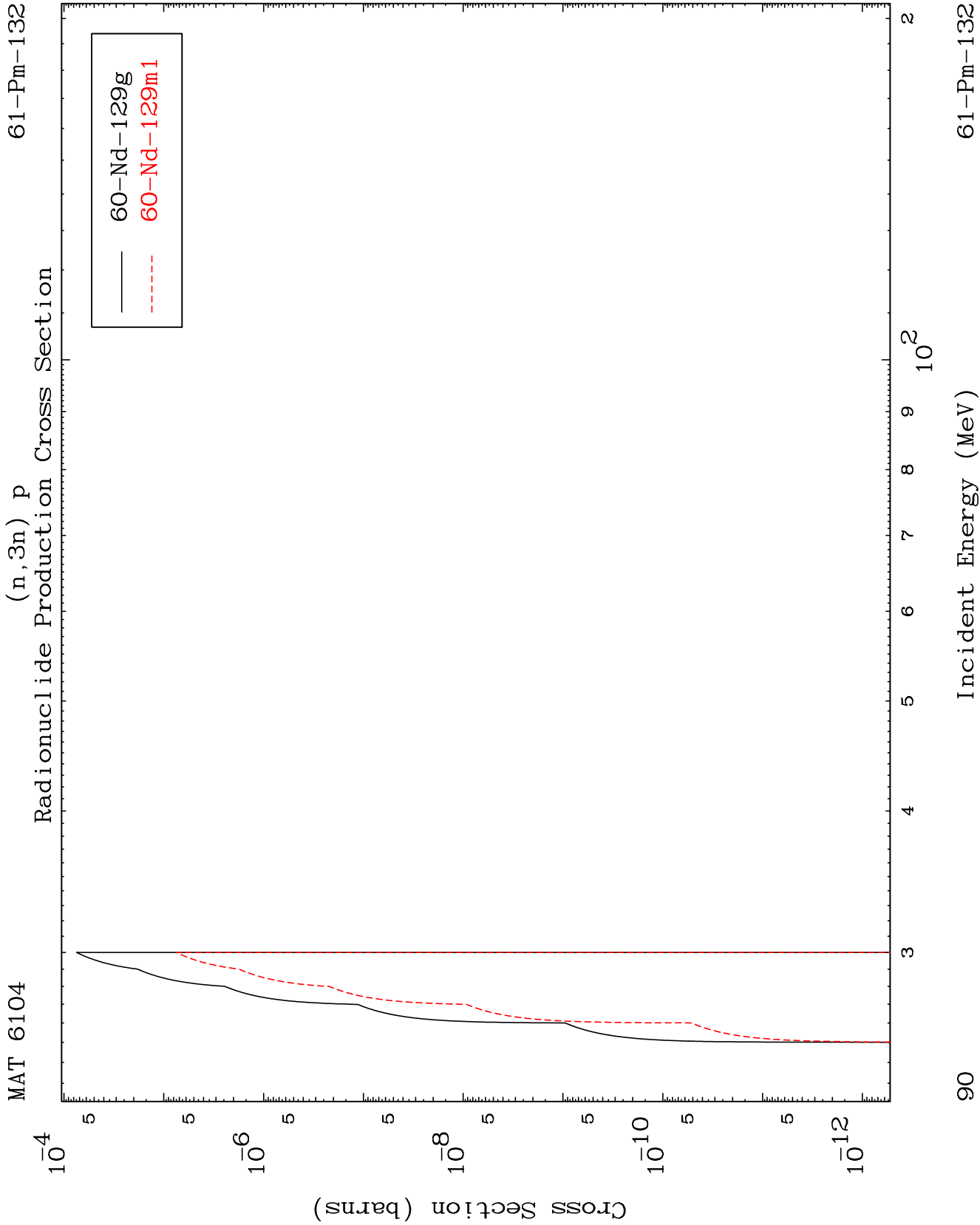
Incident Energy (MeV)

87

$(n, n') \ 2\alpha$
Radionuclide Production Cross Section



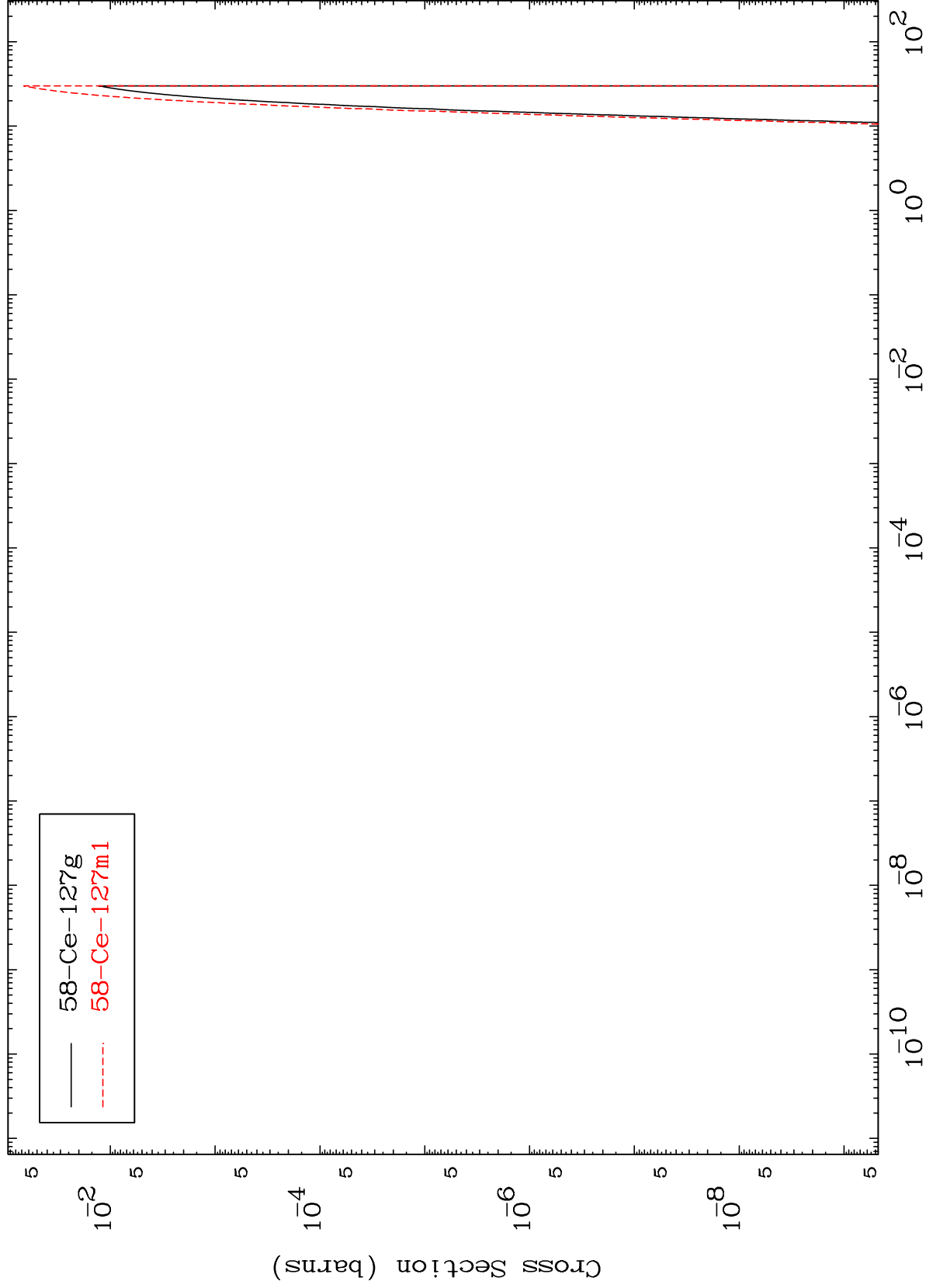




MAT 6104

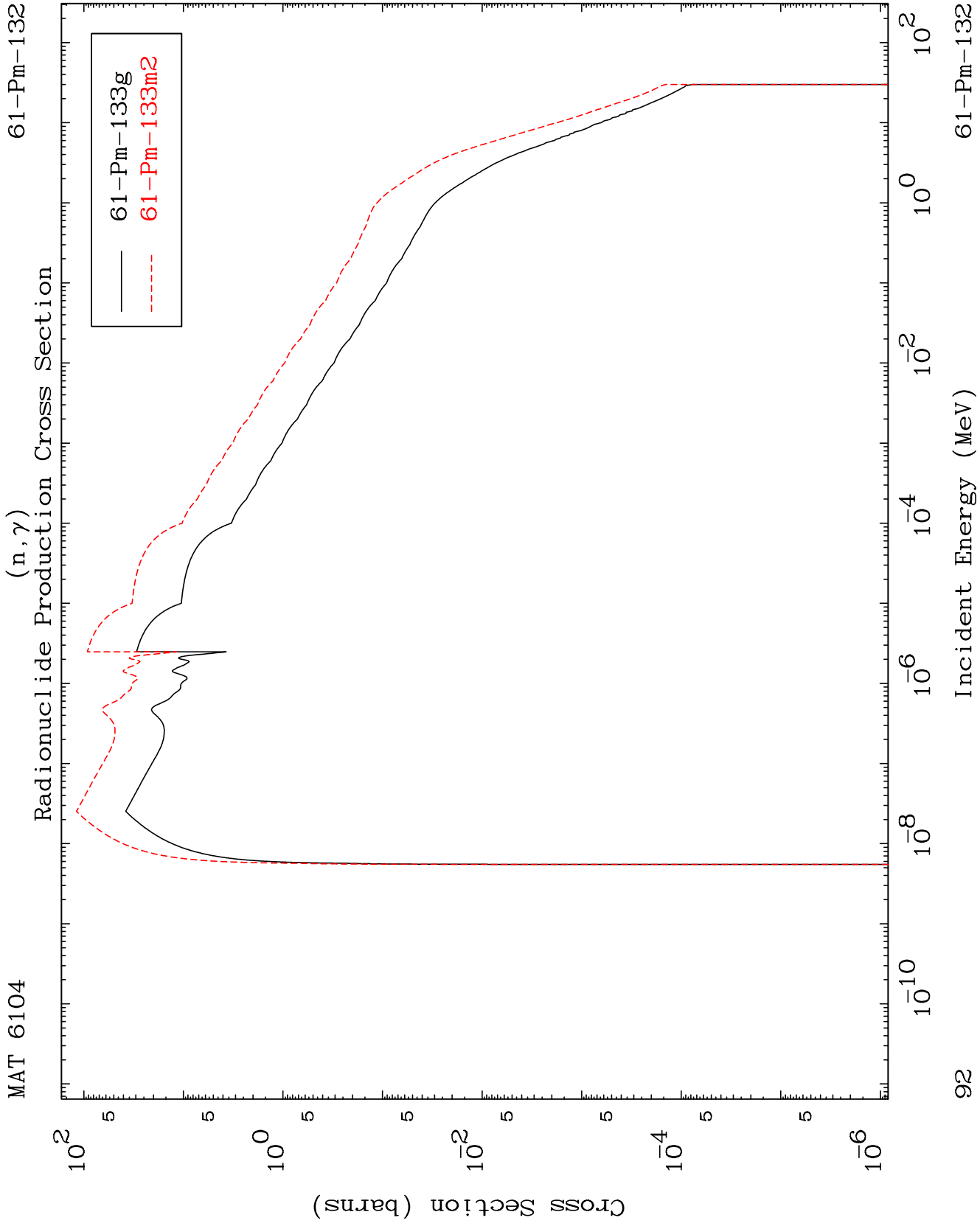
61-Pm-132

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



91

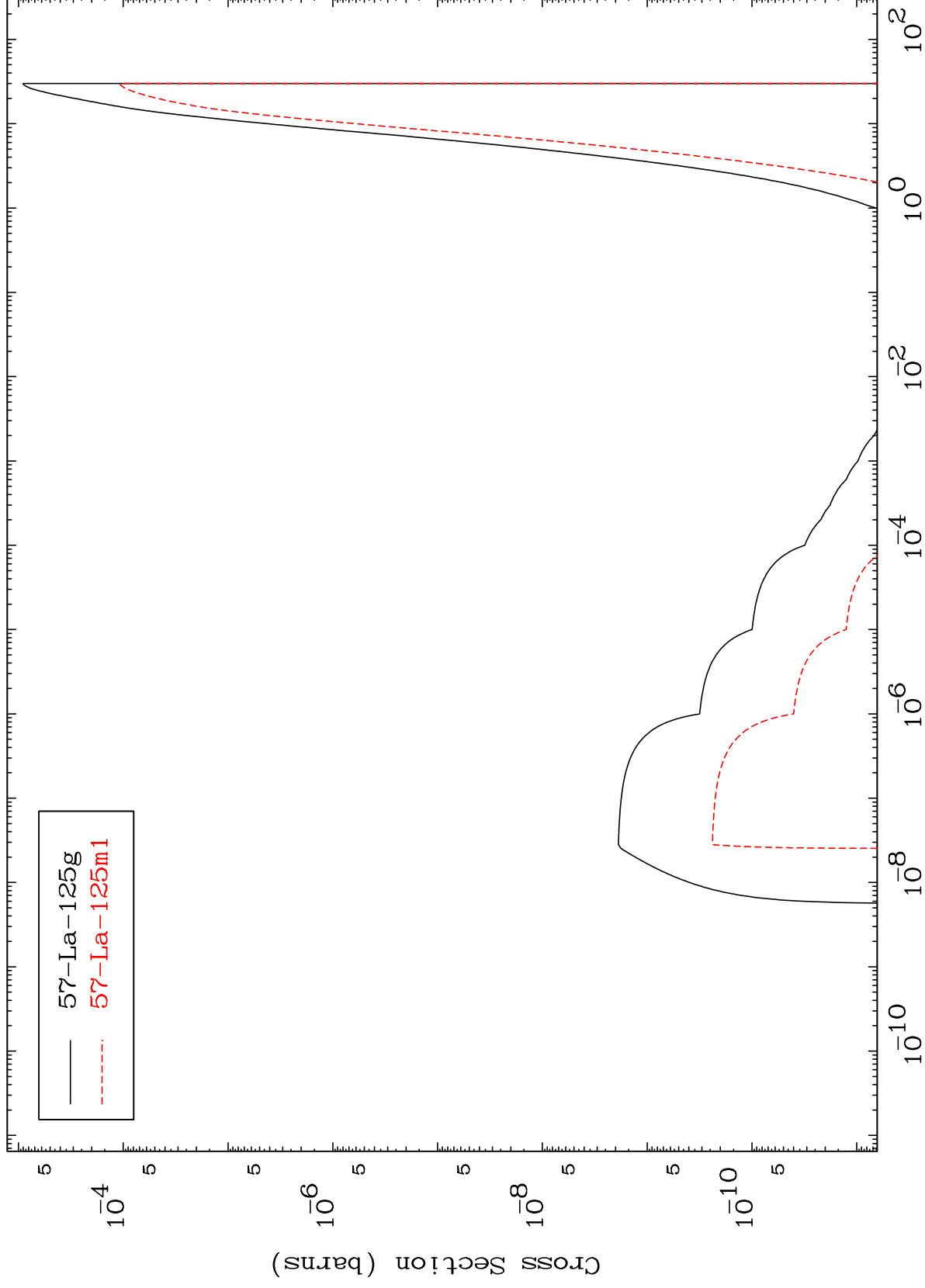
61-Pm-132



MAT 6104

61-Pm-132

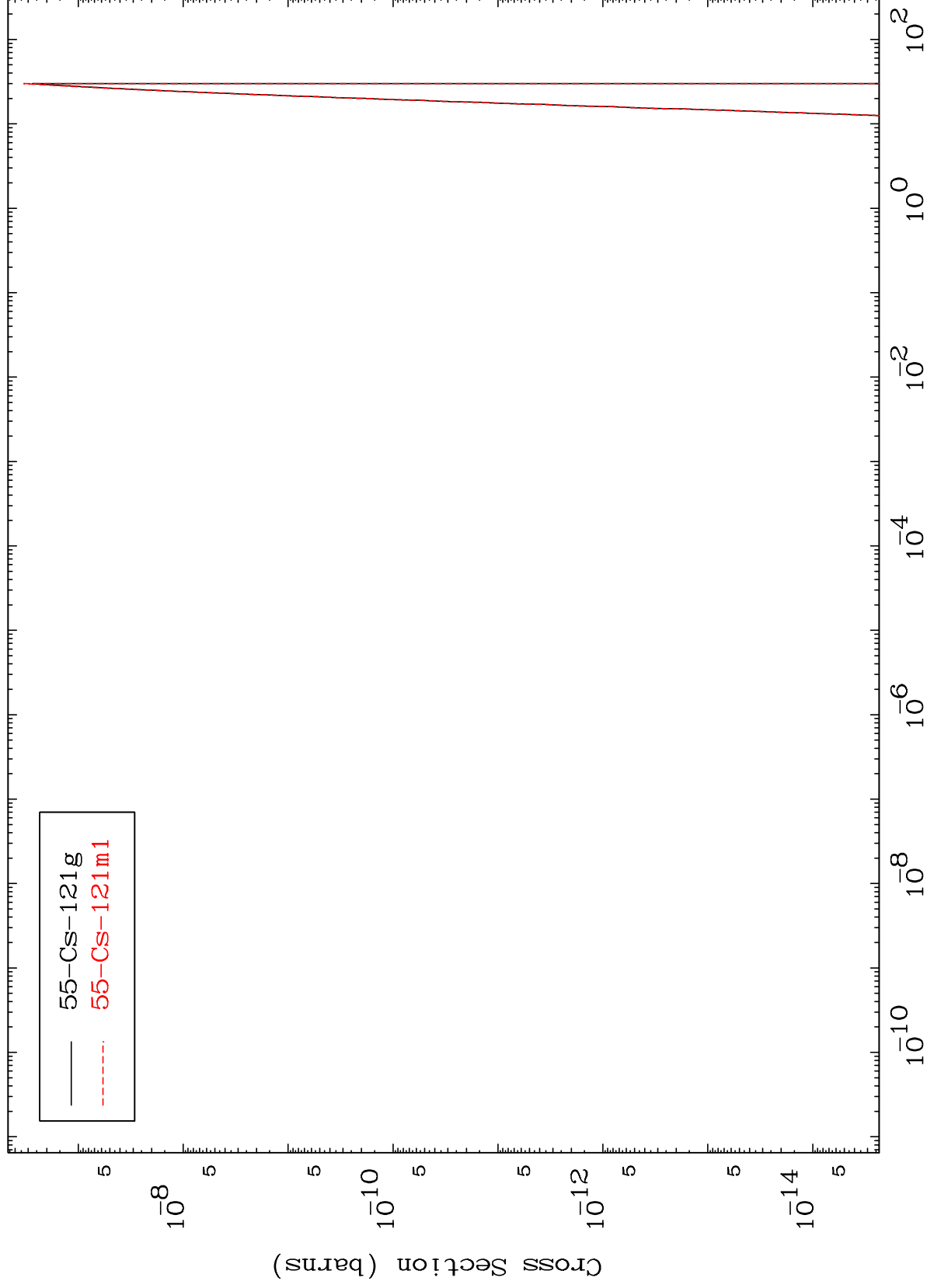
(n,2α)
Radionuclide Production Cross Section



MAT 6104

61-Pm-132

(n,3α)
Radionuclide Production Cross Section



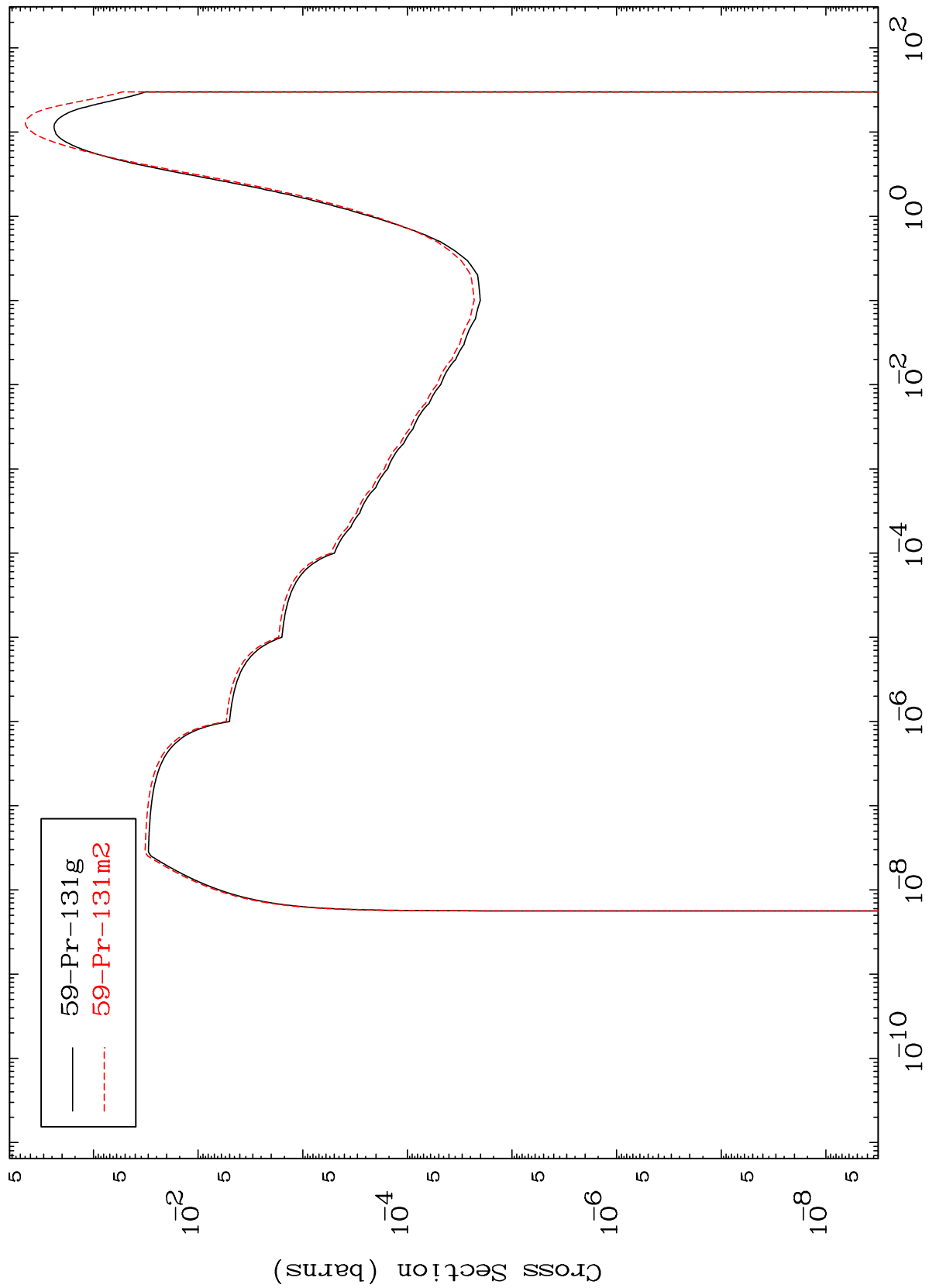
94

61-Pm-132

MAT 6104

61-Pm-132

(n,2p)
Radionuclide Production Cross Section



59-Pr-131g
59-Pr-131m2

61-Pm-132

Incident Energy (MeV)

95

