

Program EVALPLOT
(Version 2021-1)

by

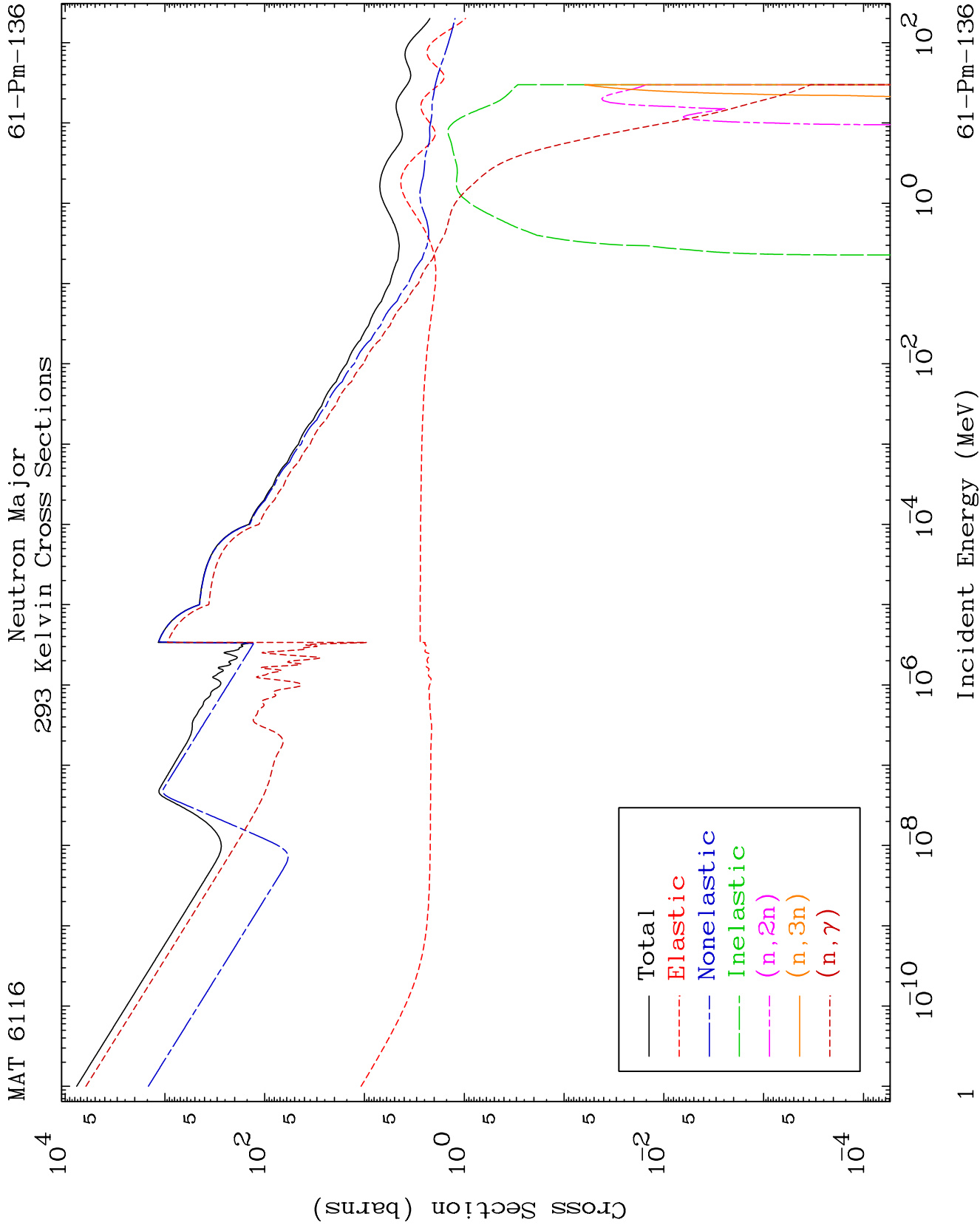
Dermott E. Cullen
(Present Contact Information)

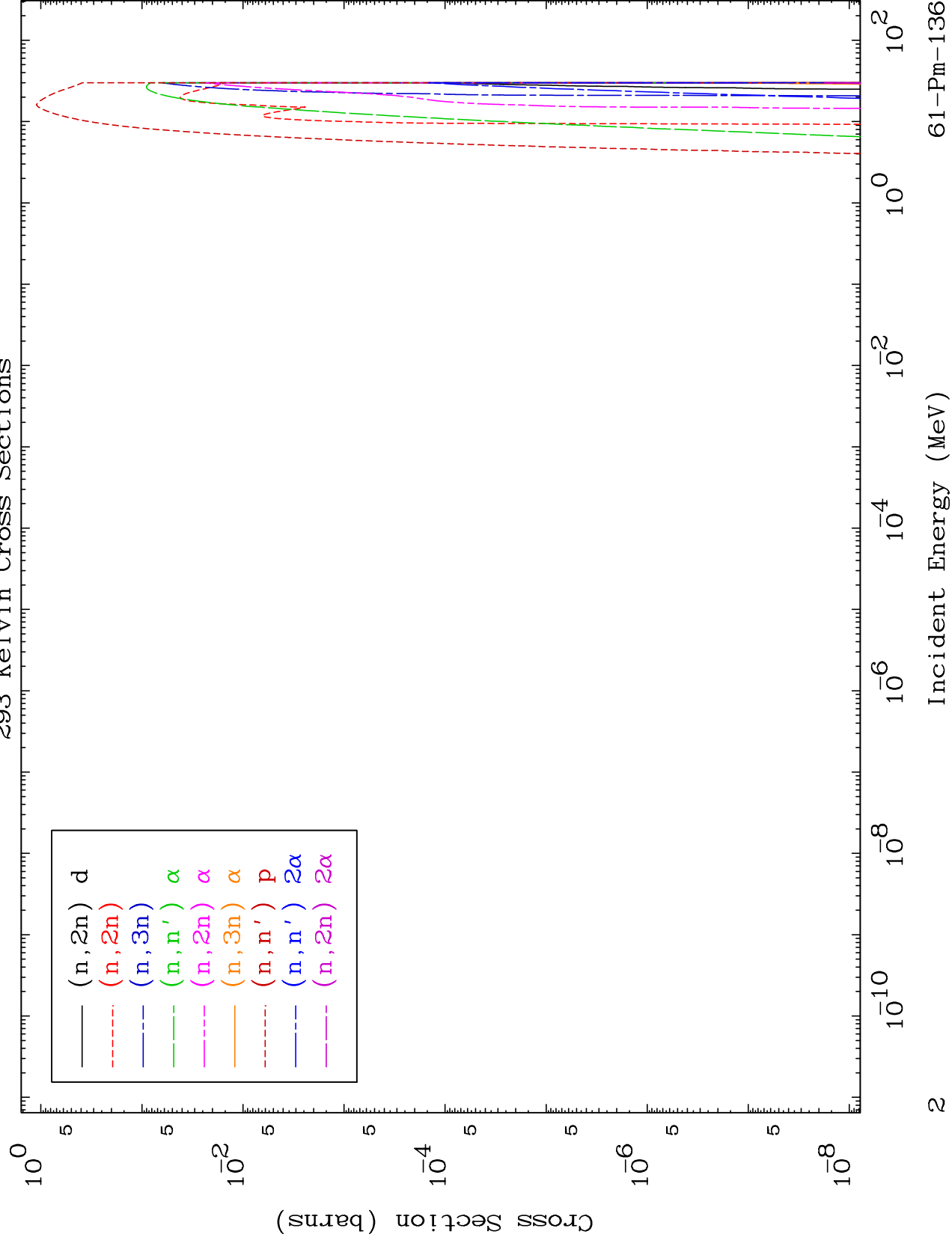
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

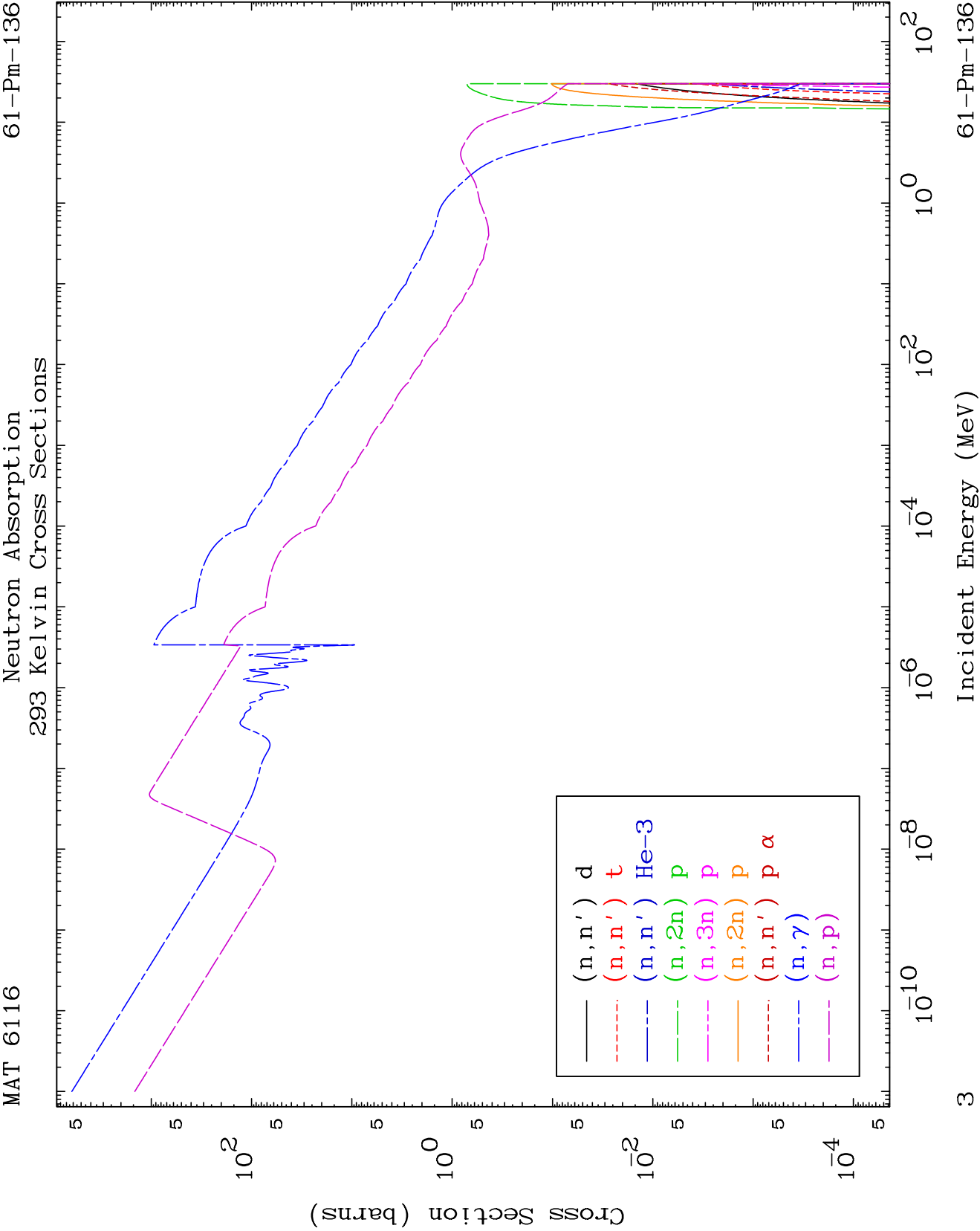
Tele: 925-443-1911

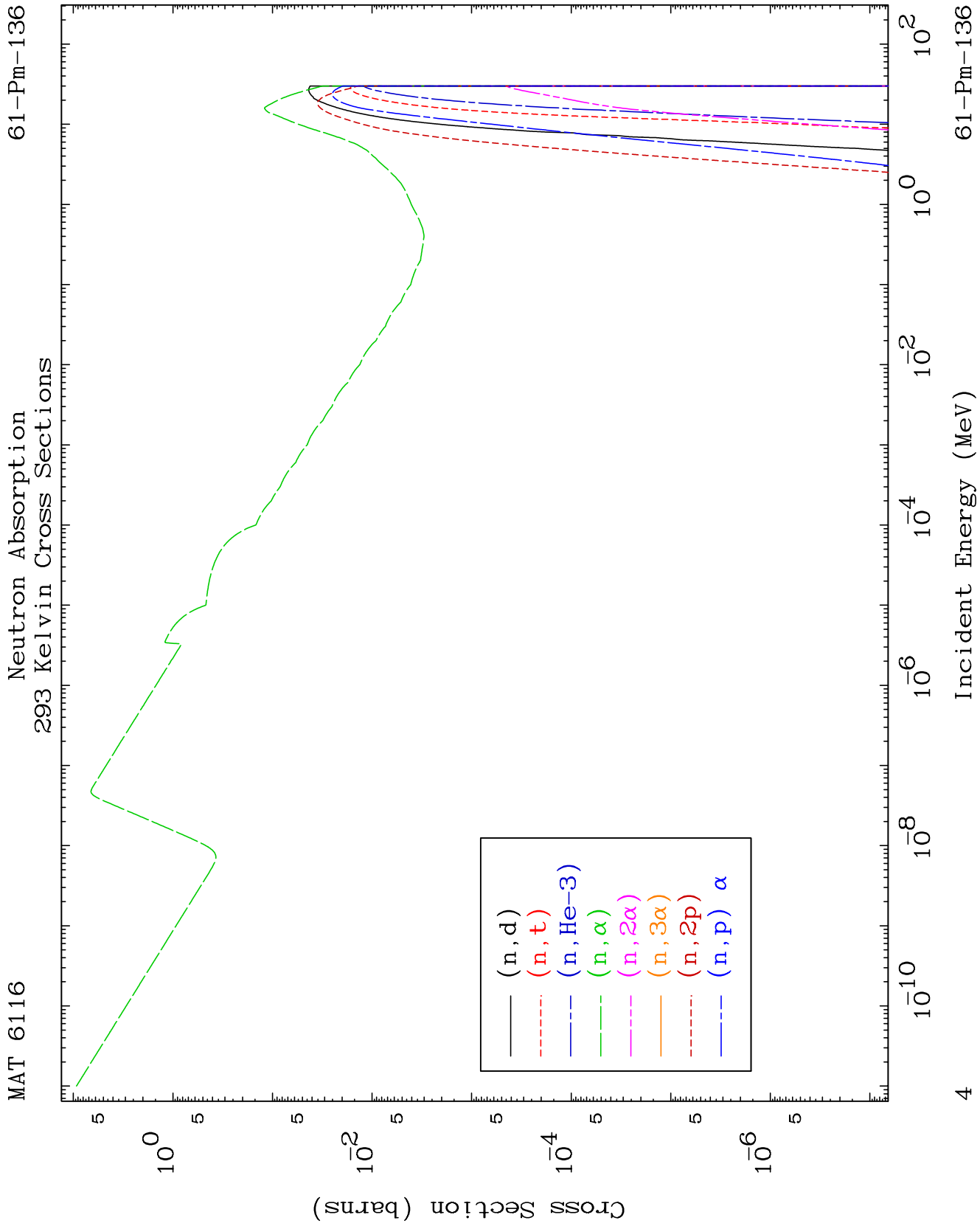
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

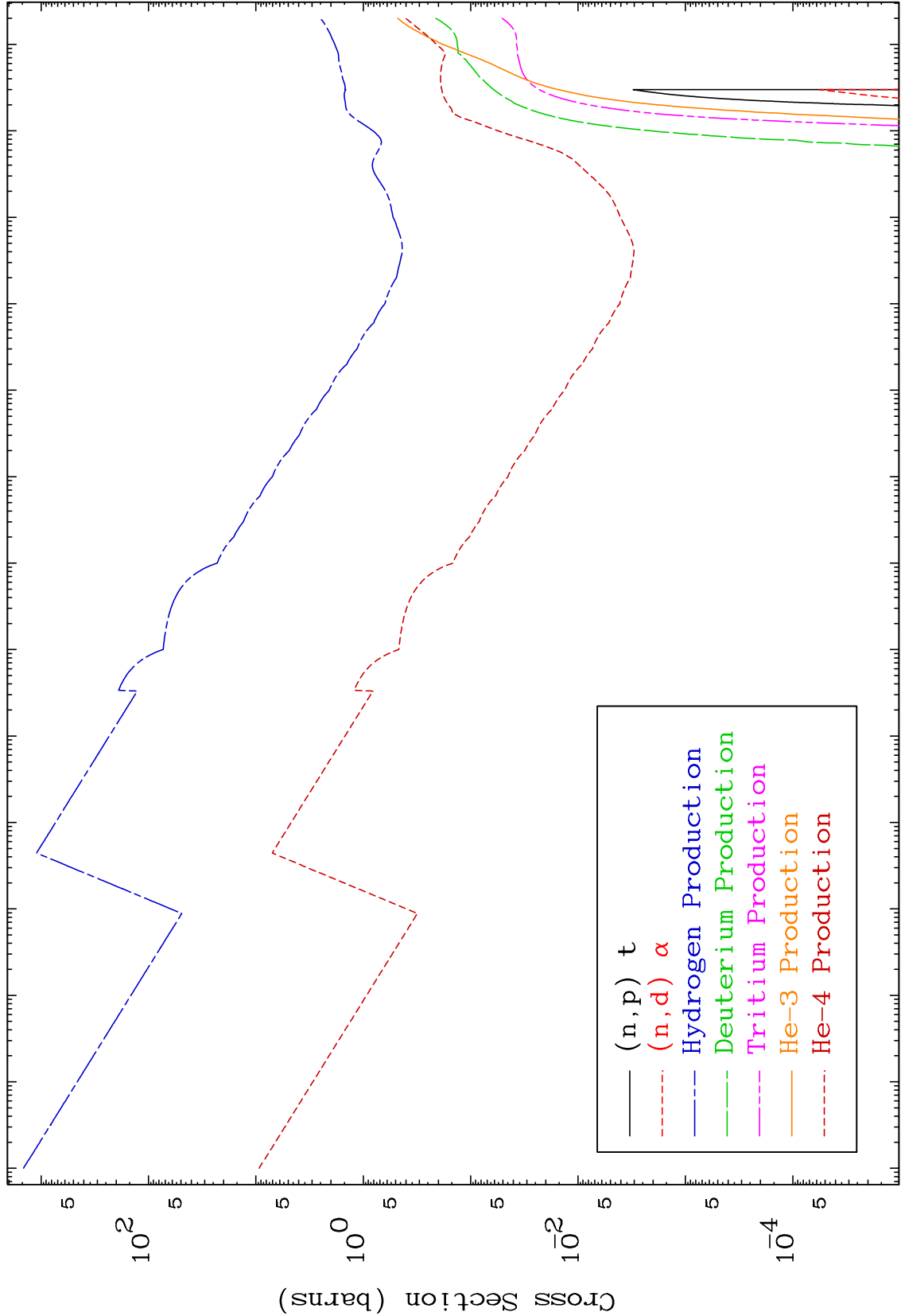
Press Mouse Button to Start

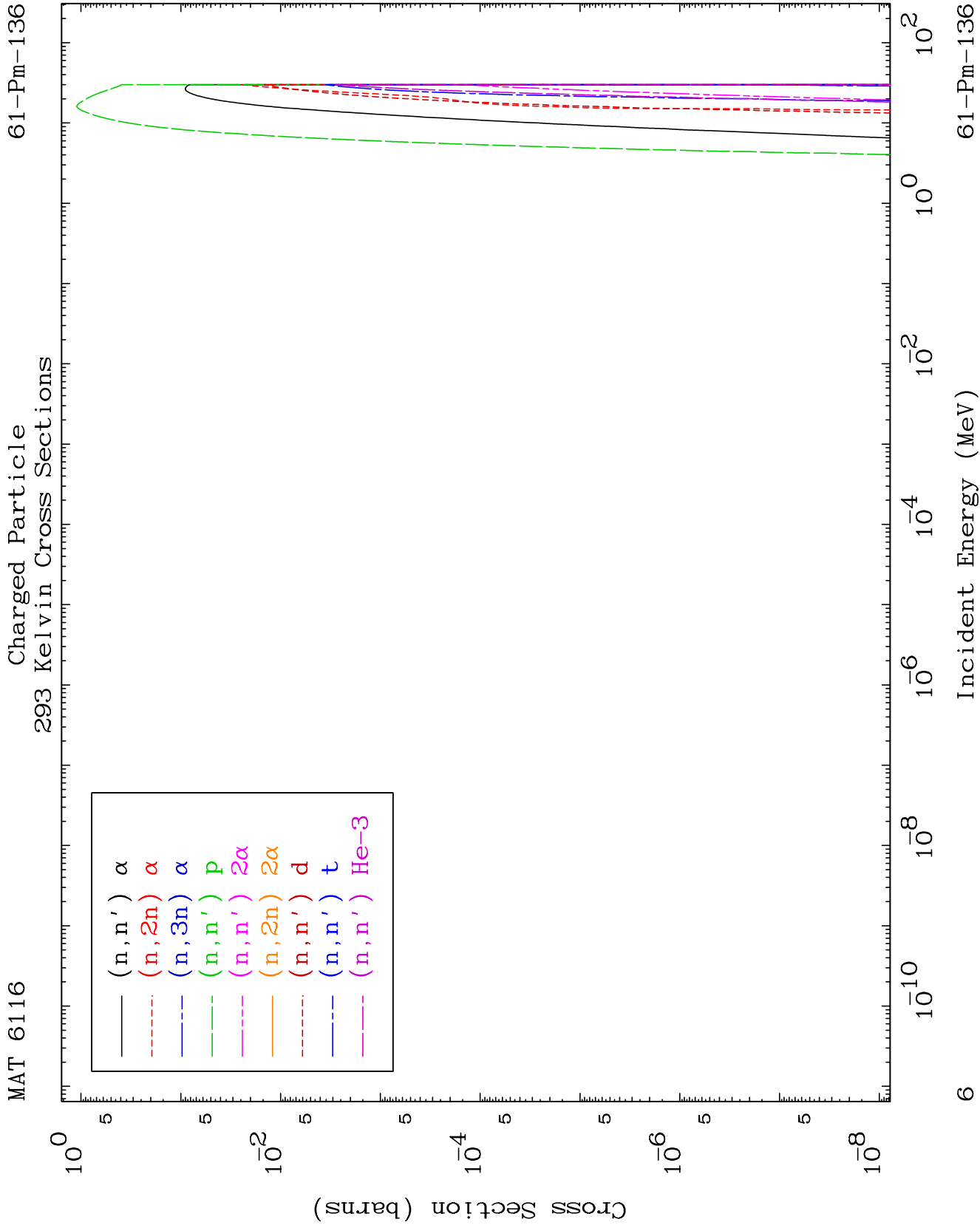


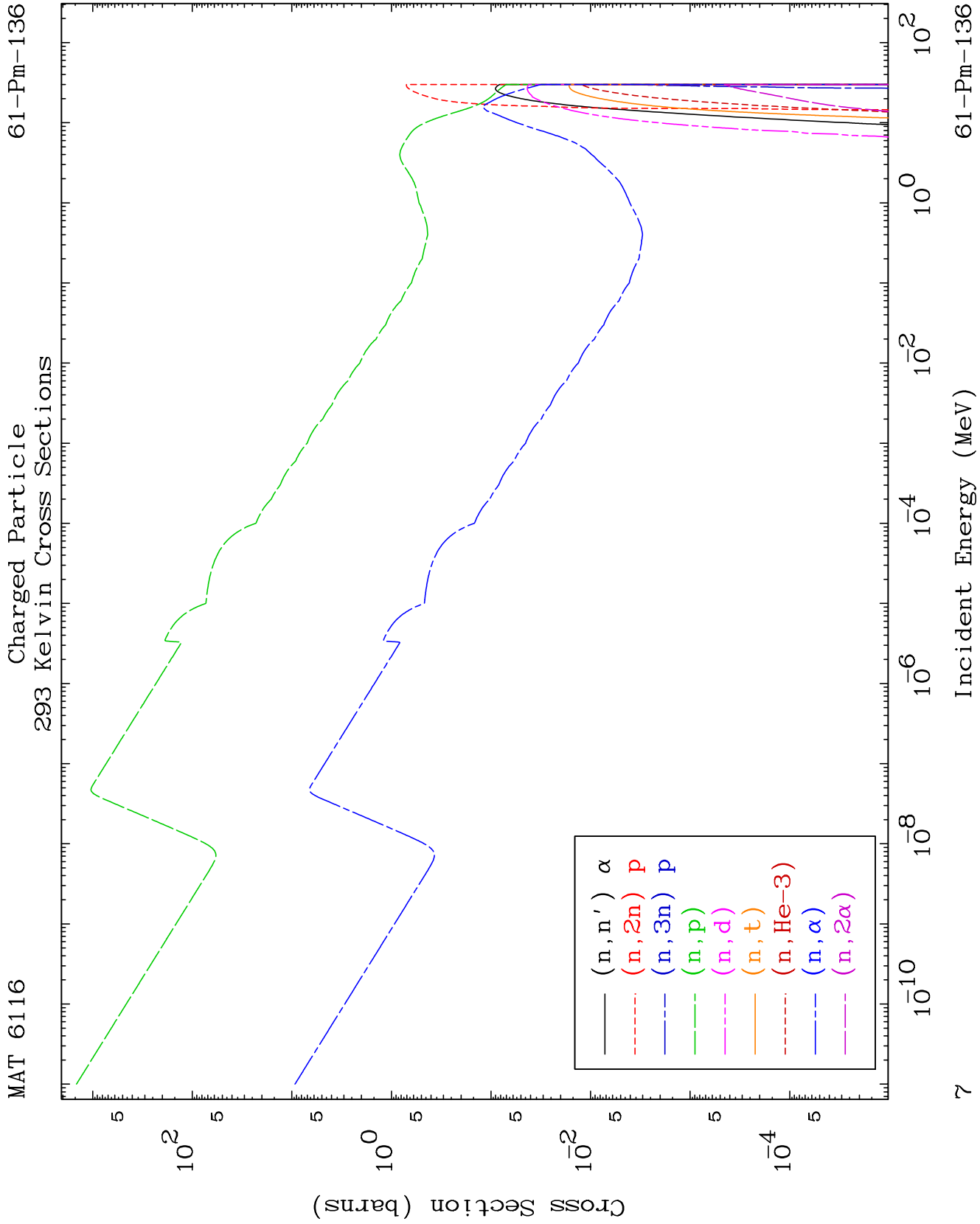








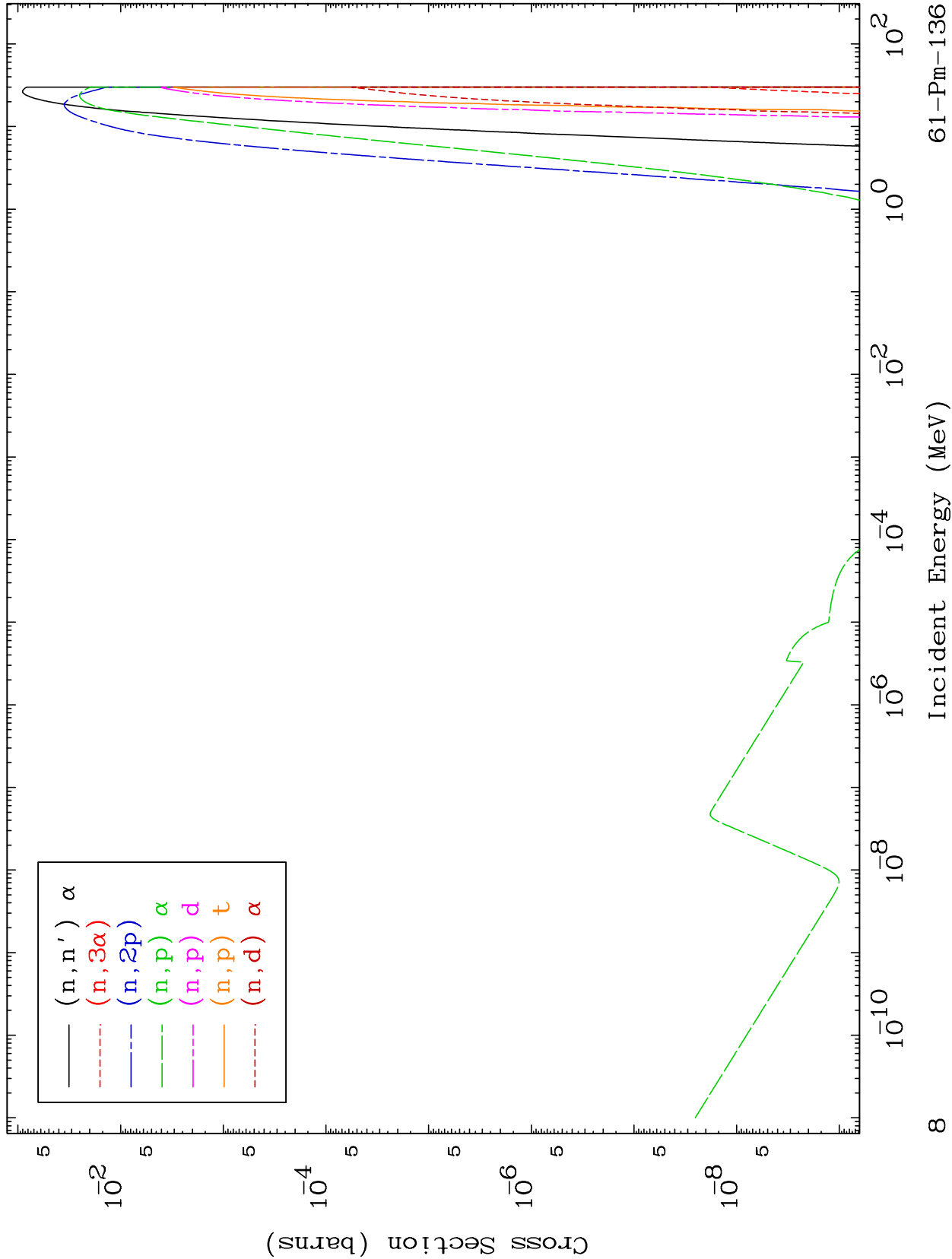


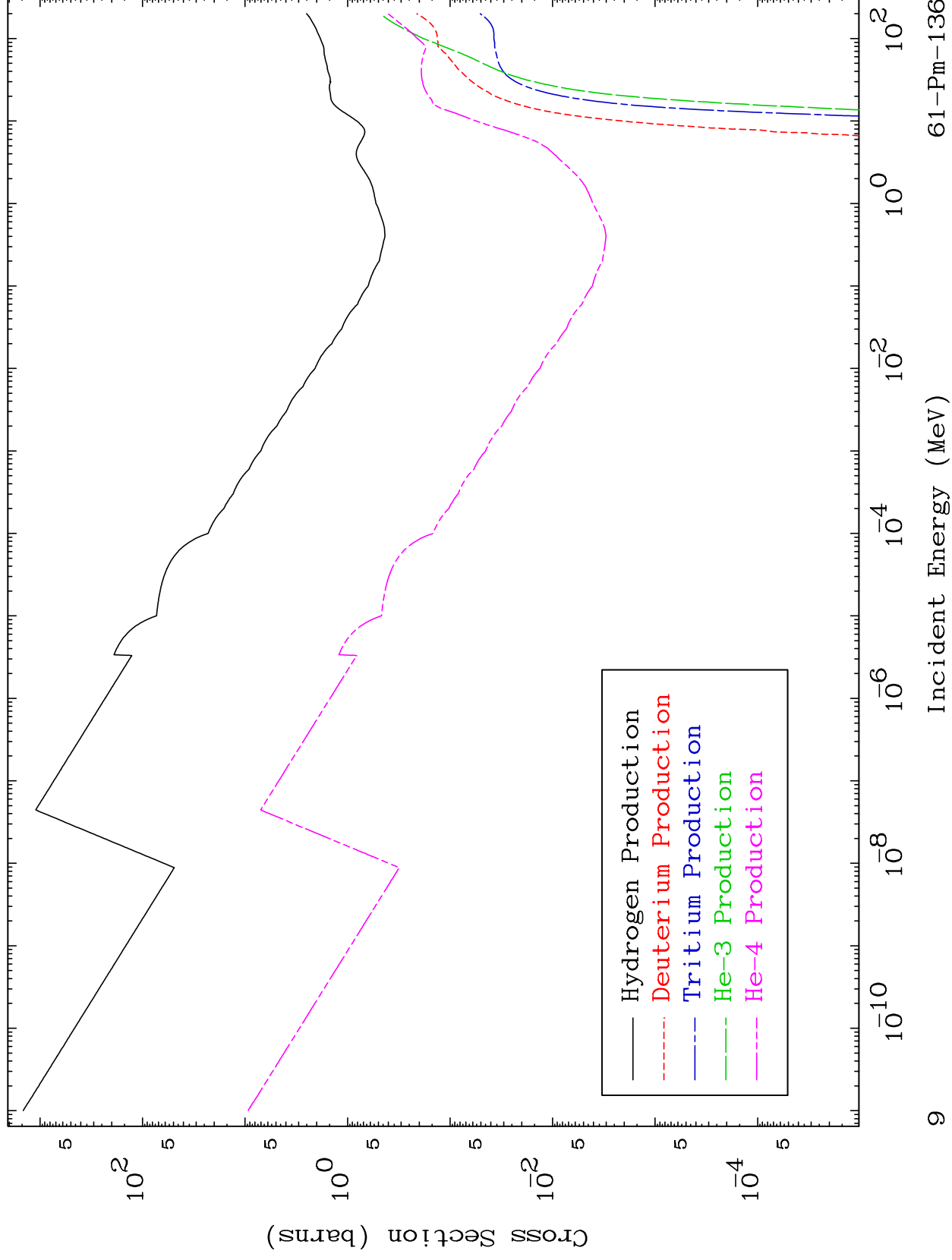


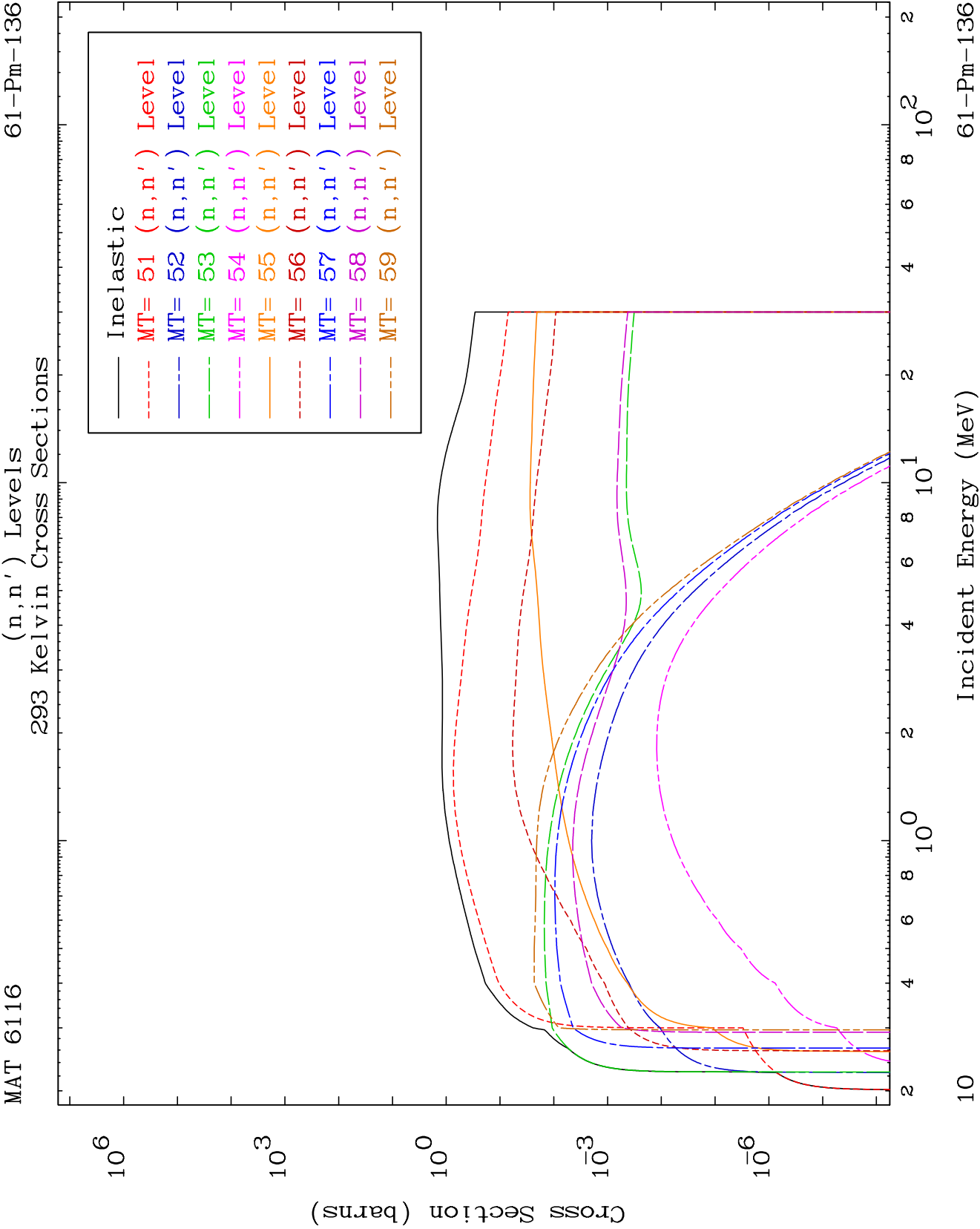
MAT 6116

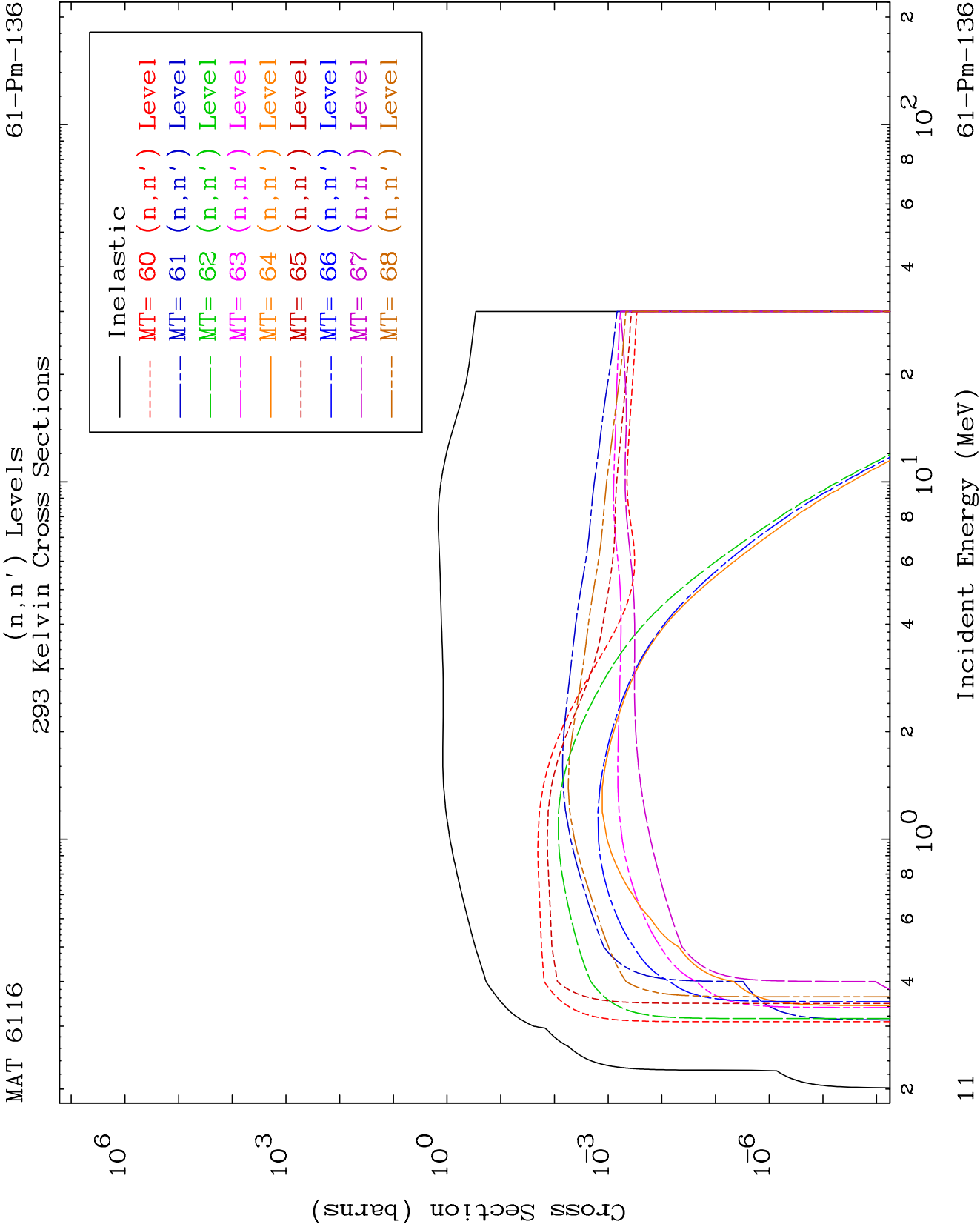
Charged Particle
293 Kelvin Cross Sections

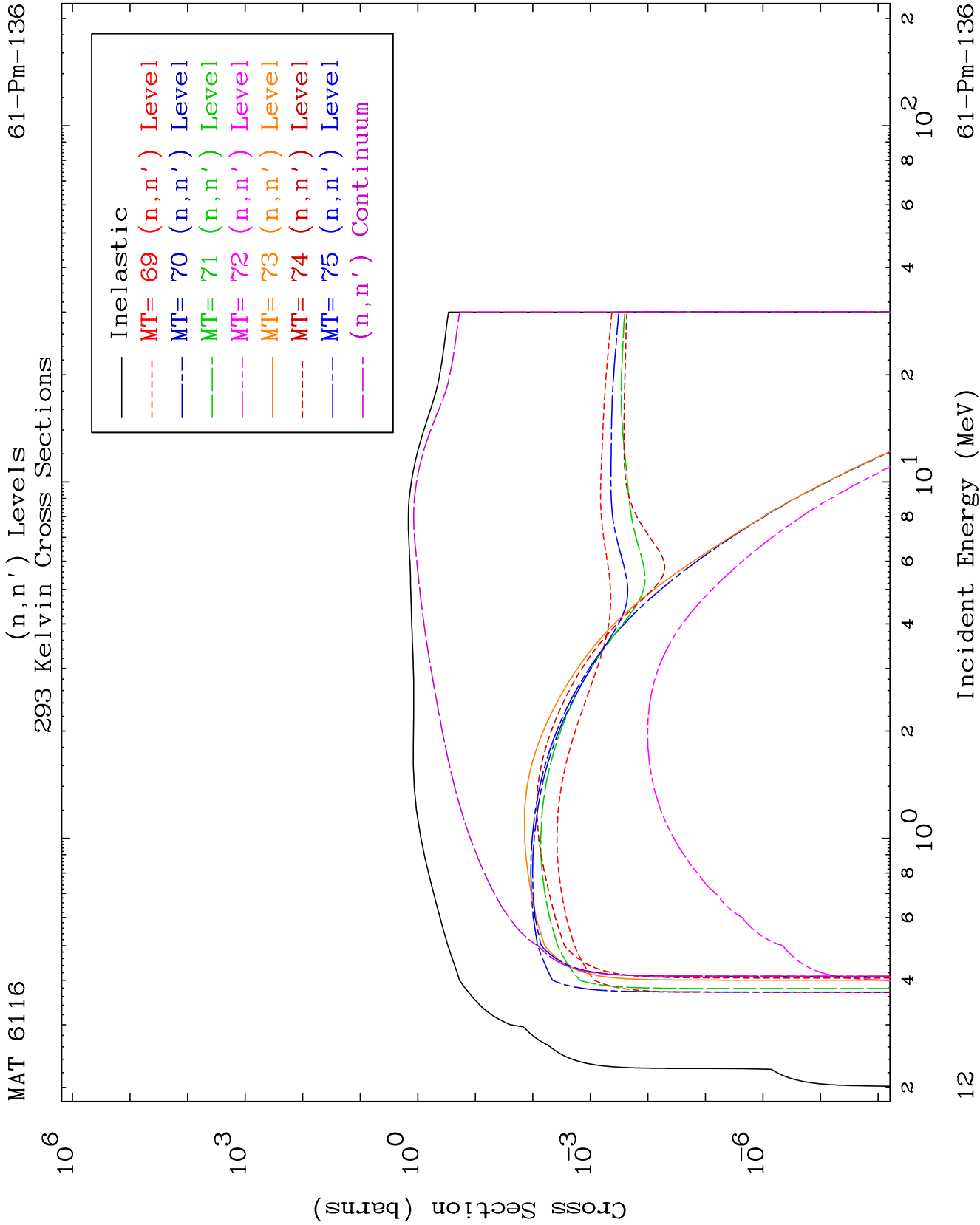
61-Pm-136

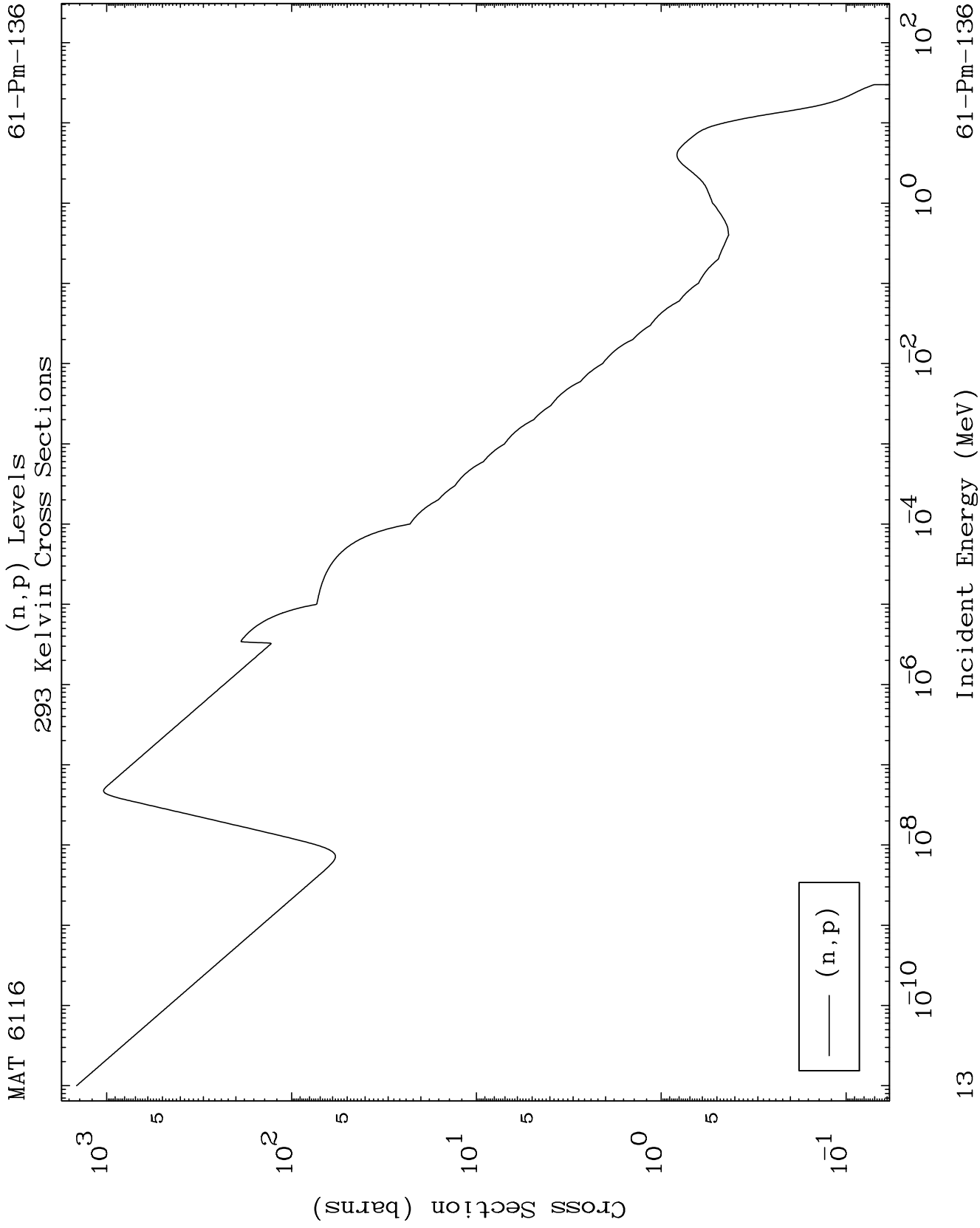


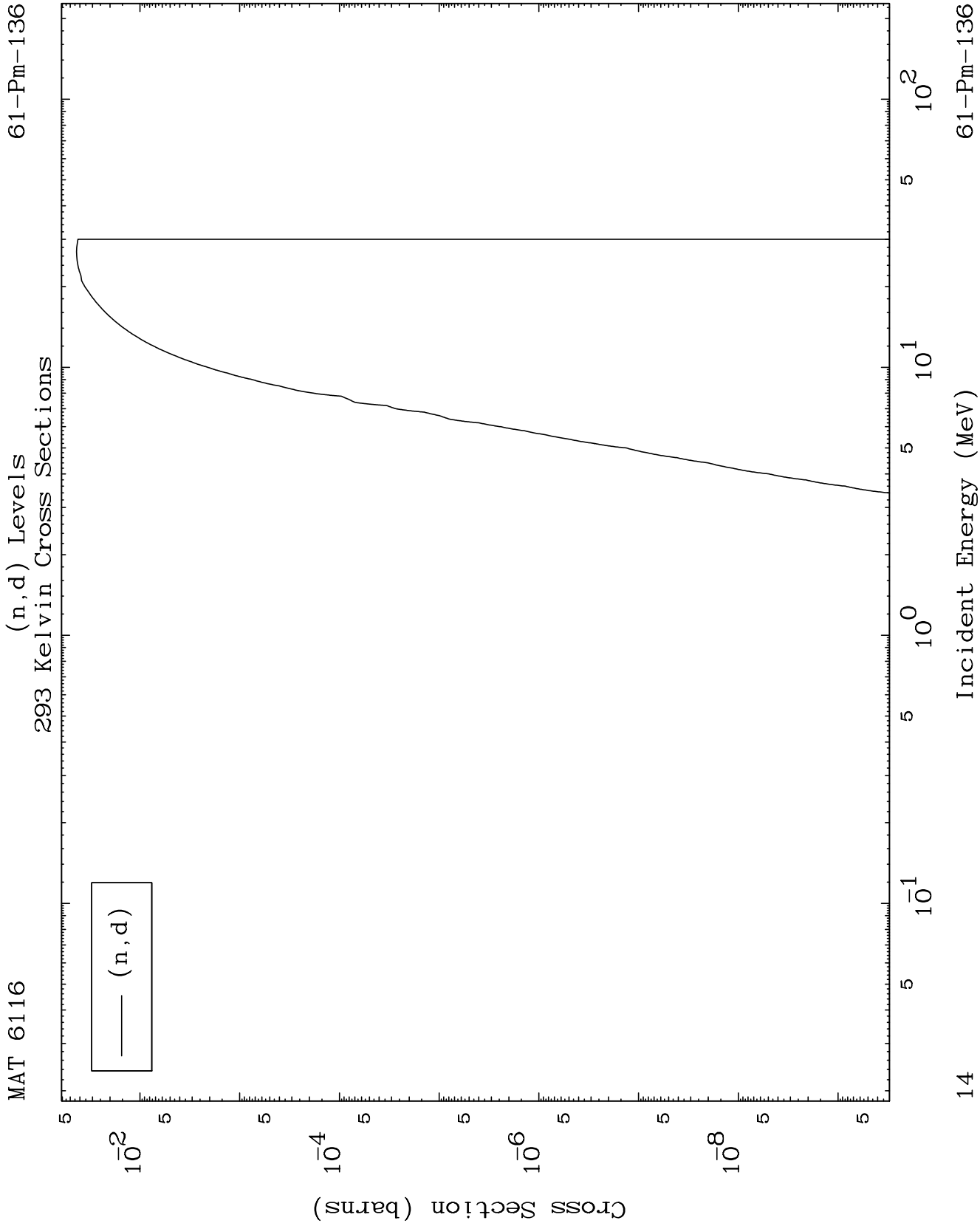


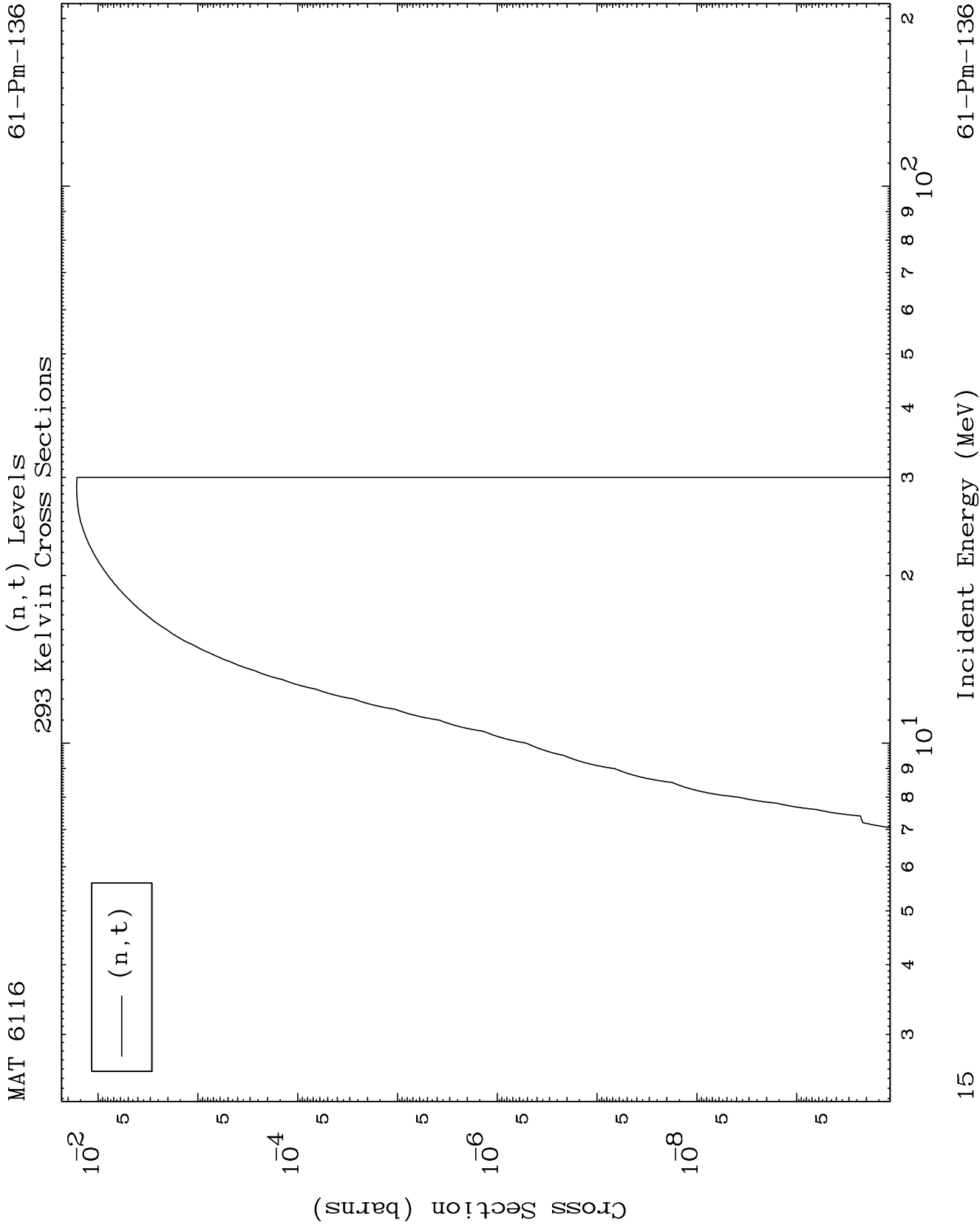


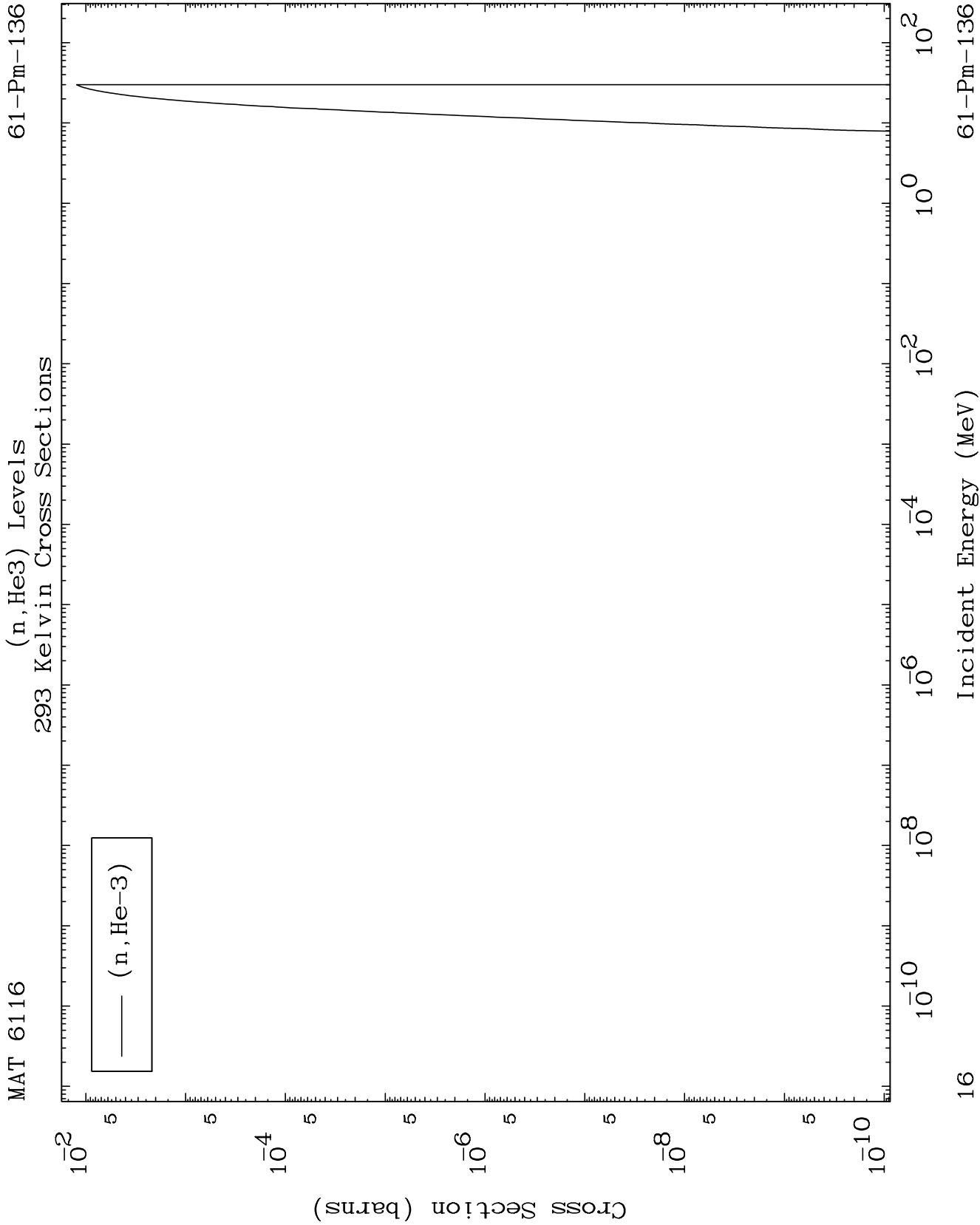


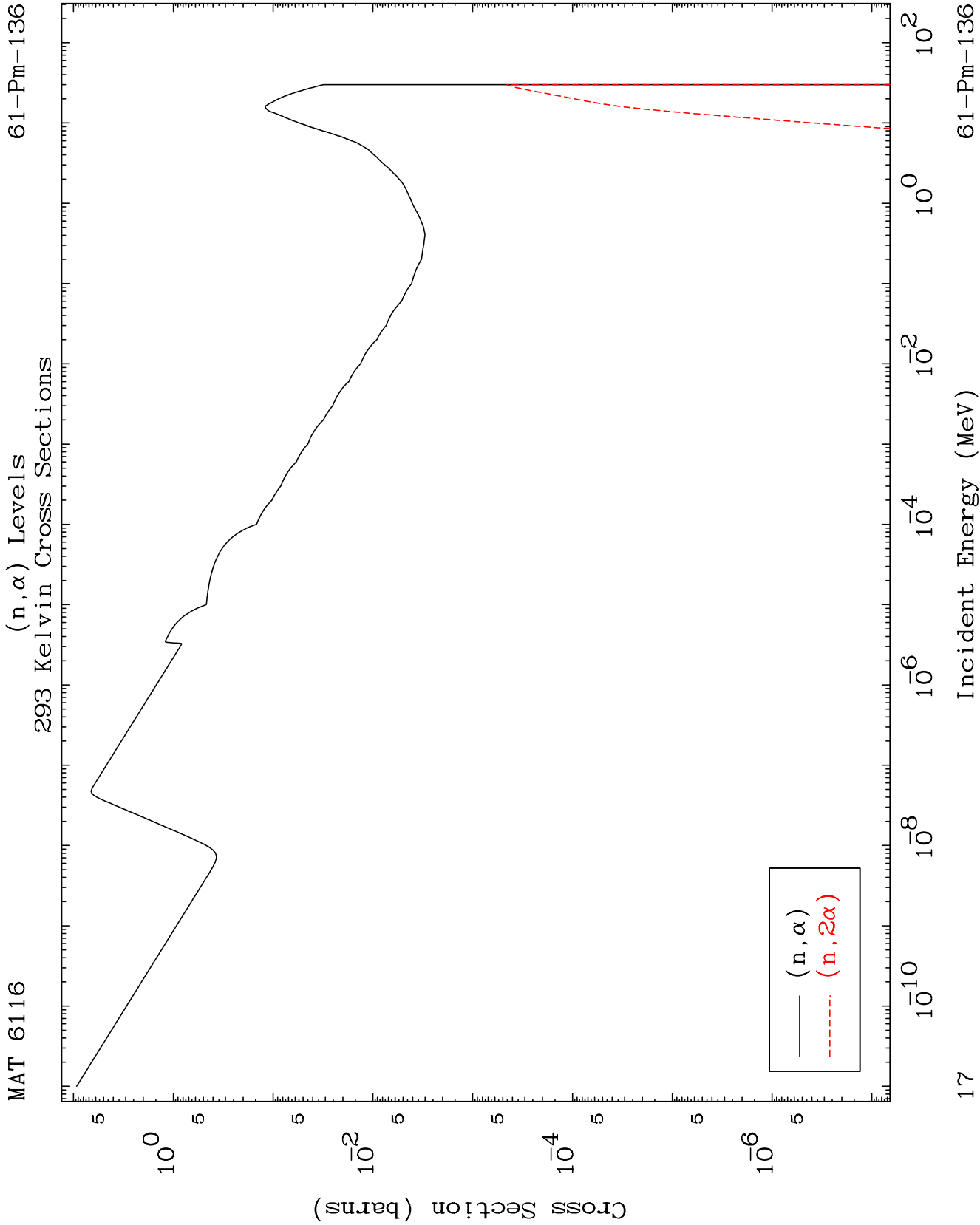


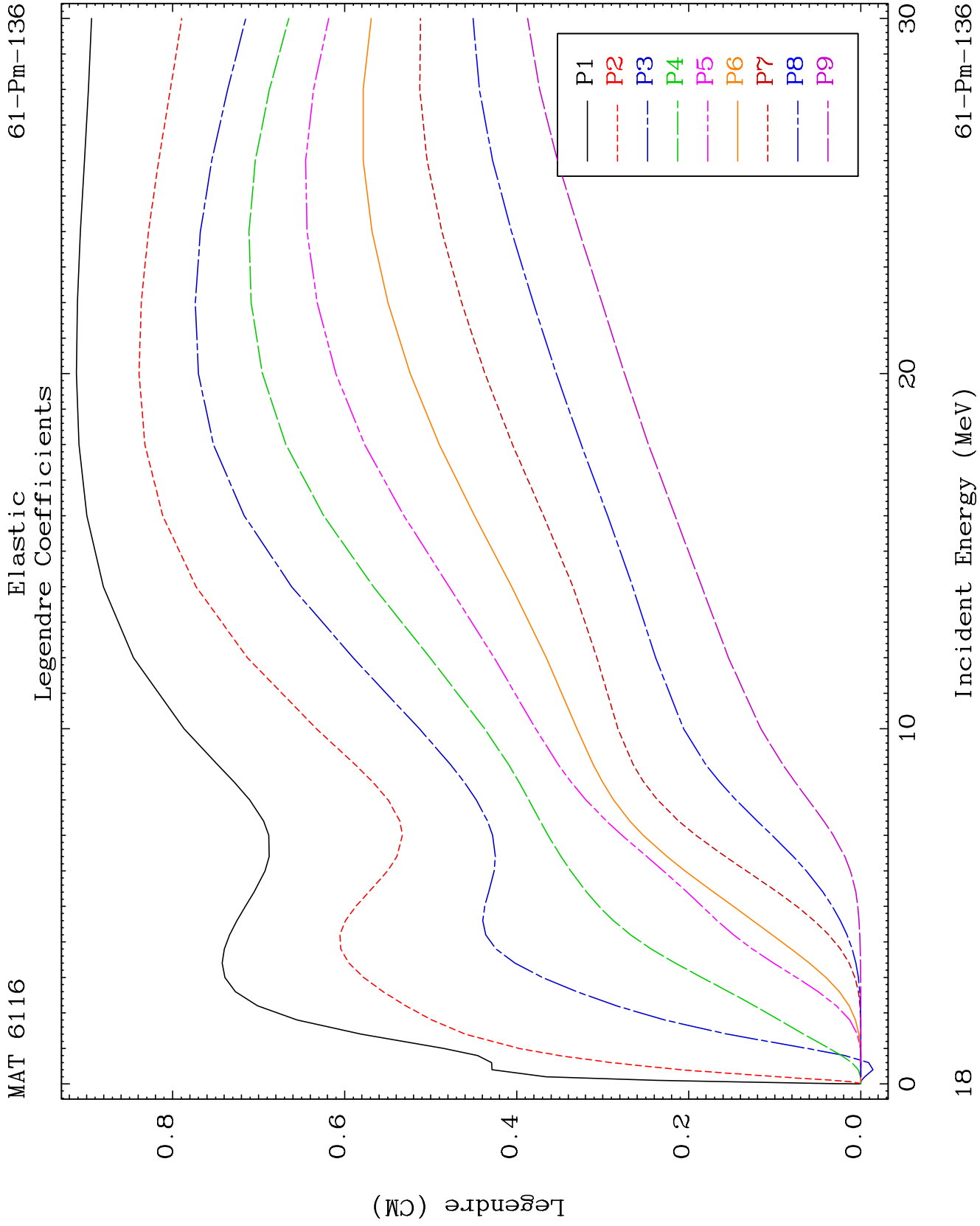


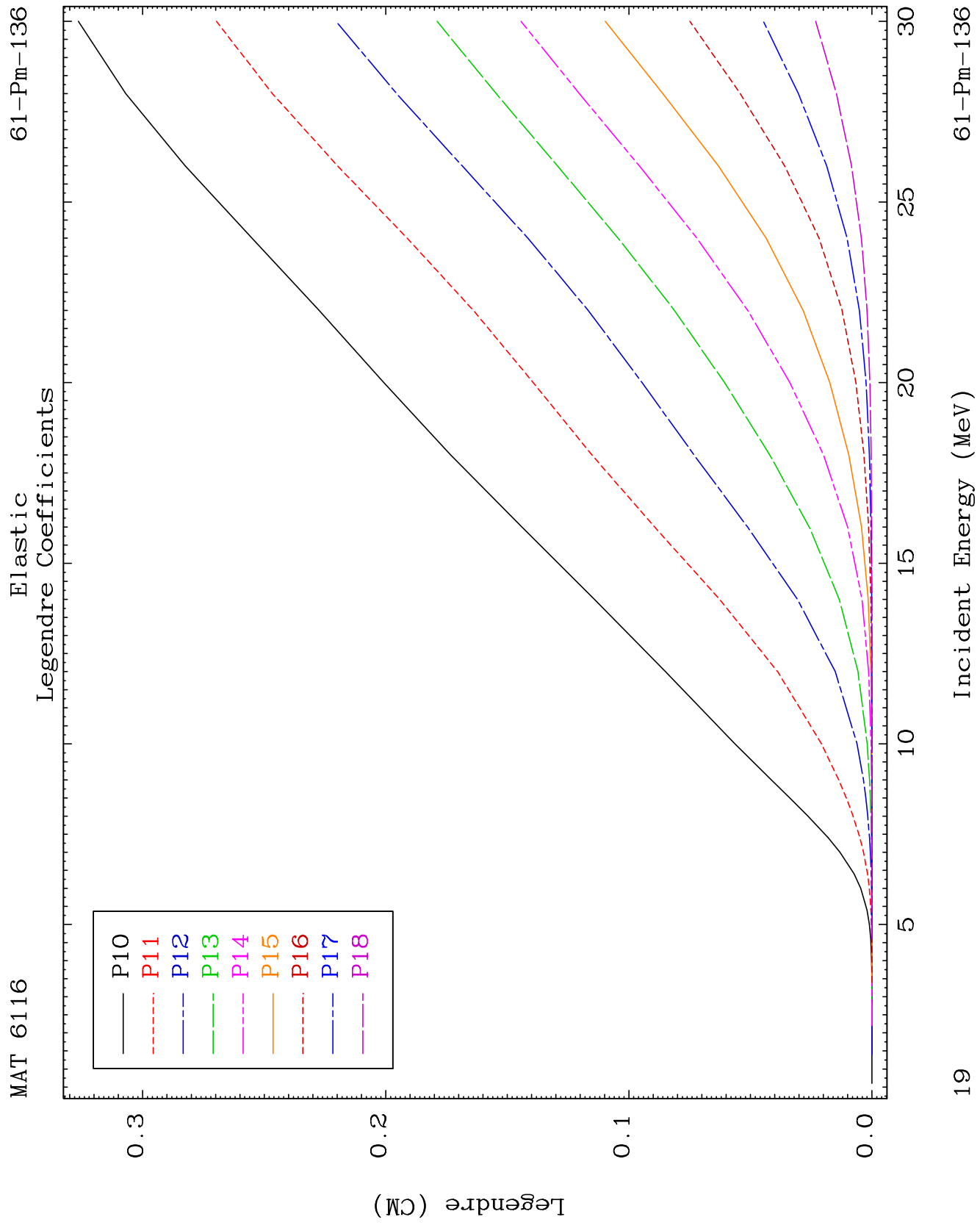


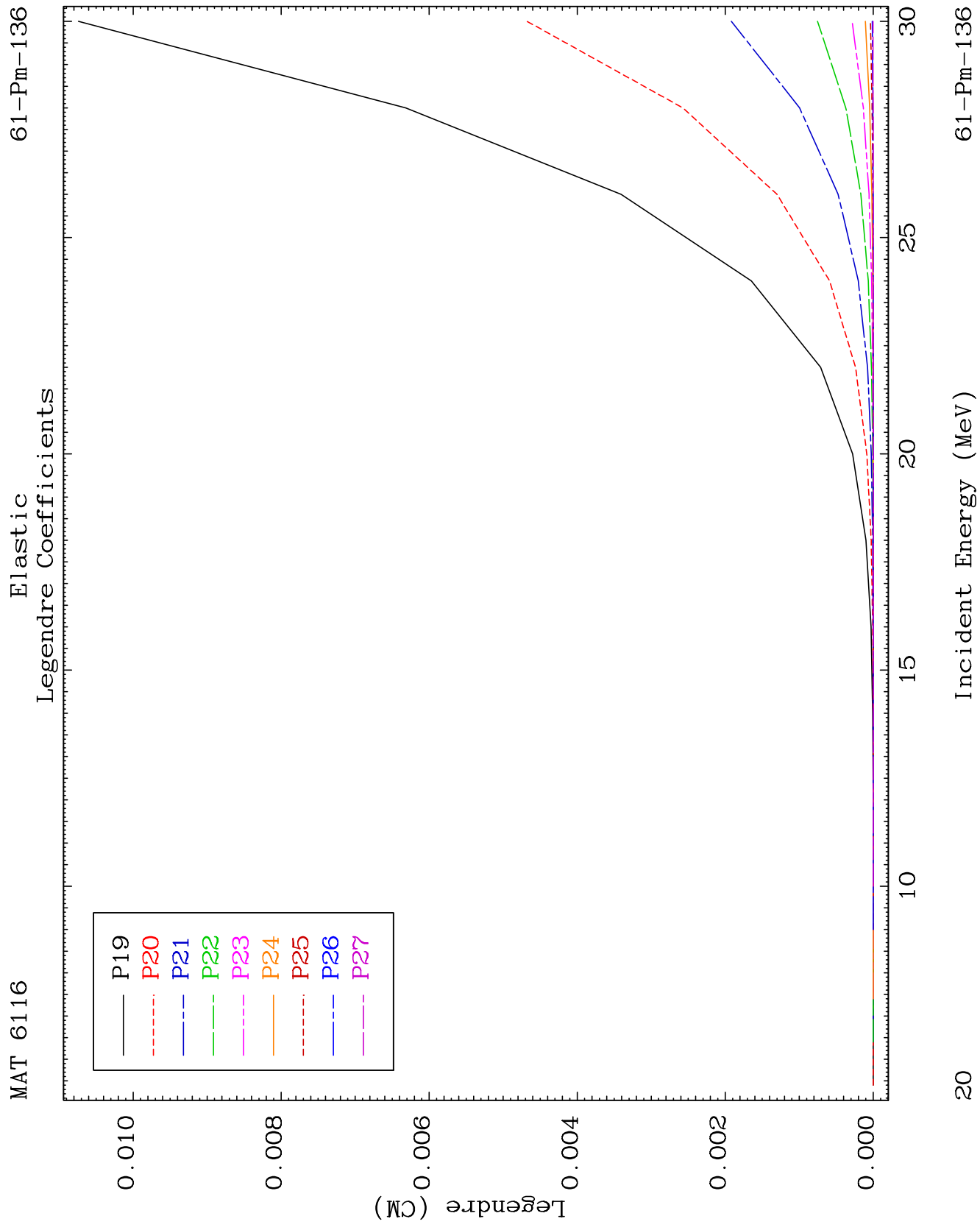


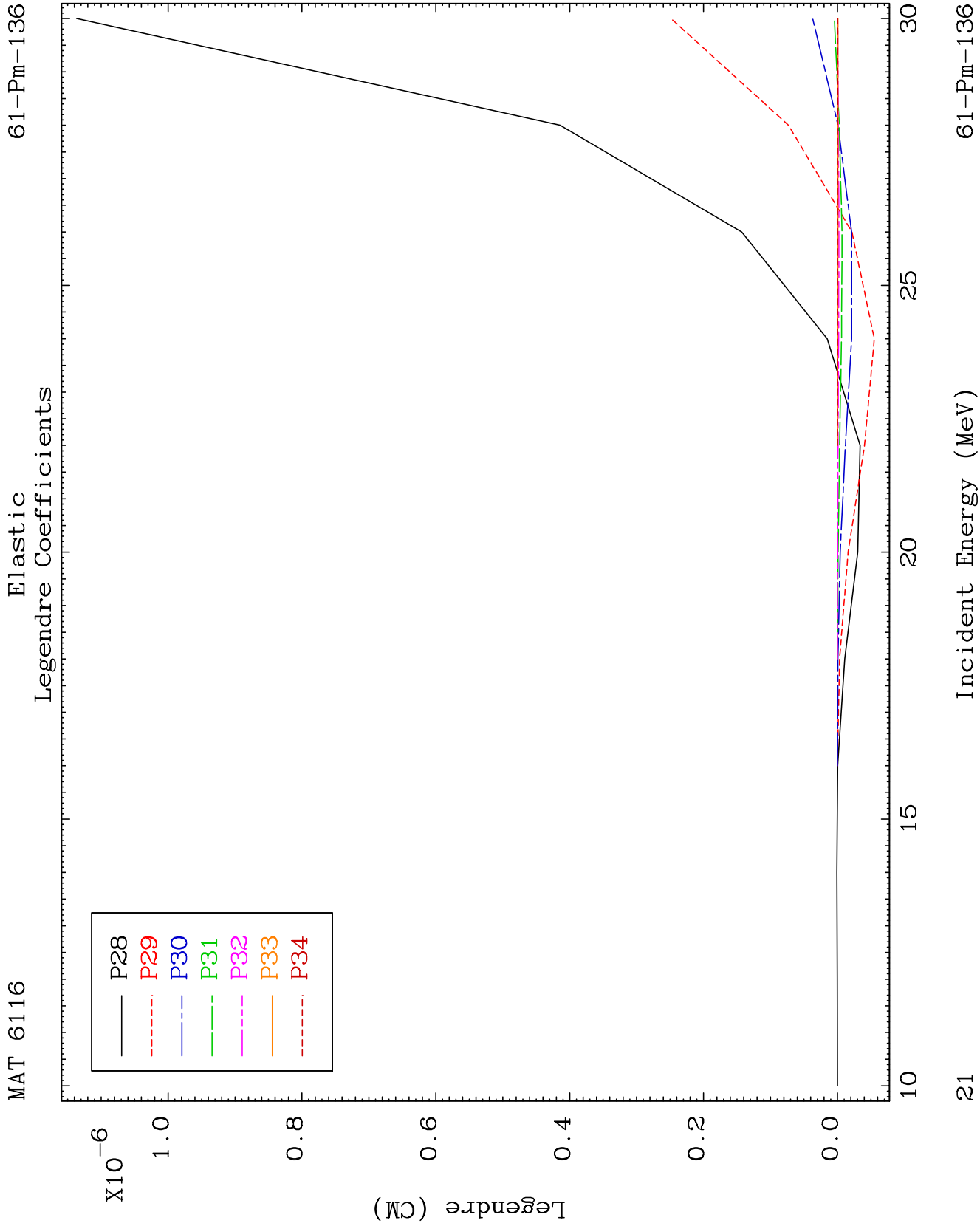


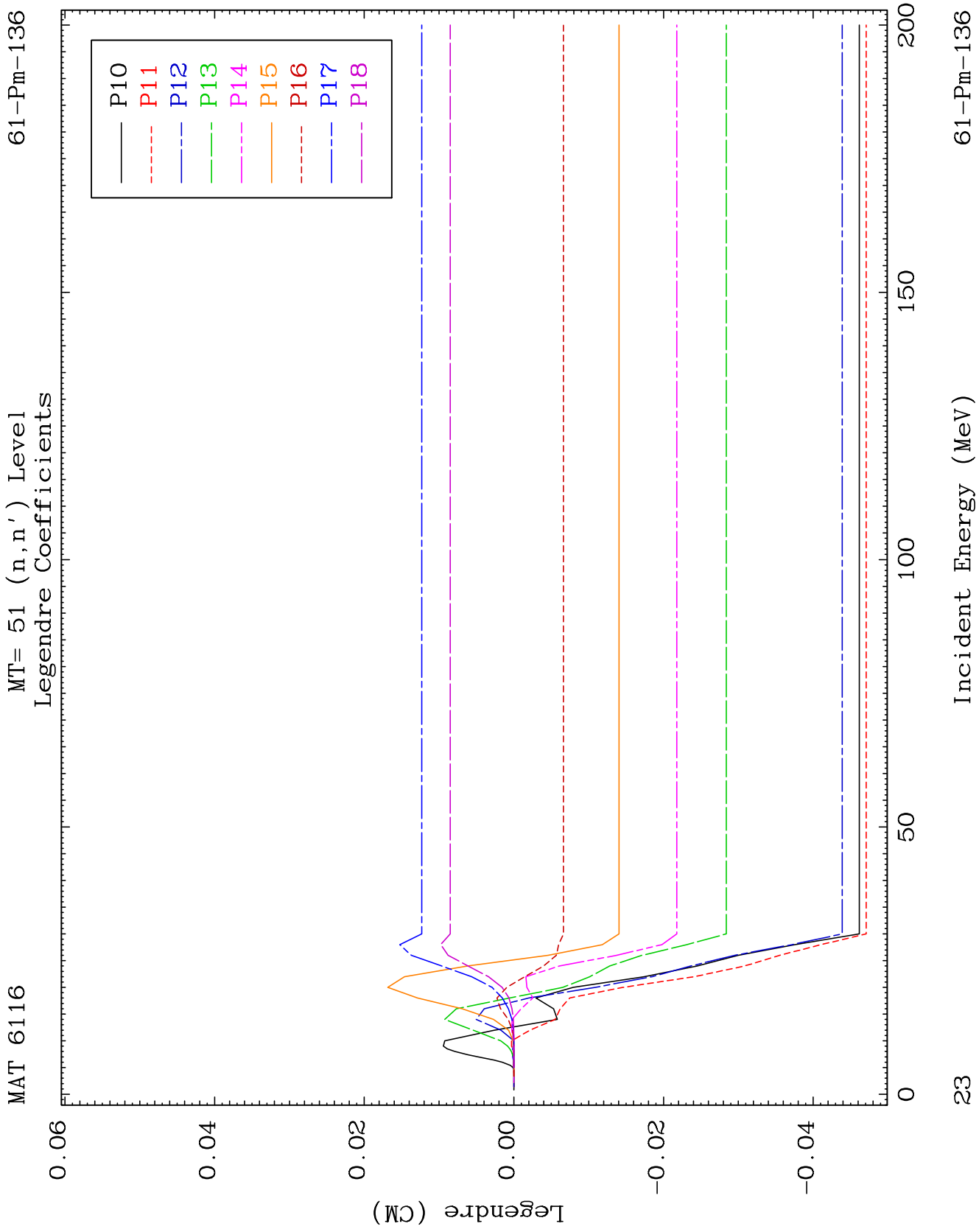








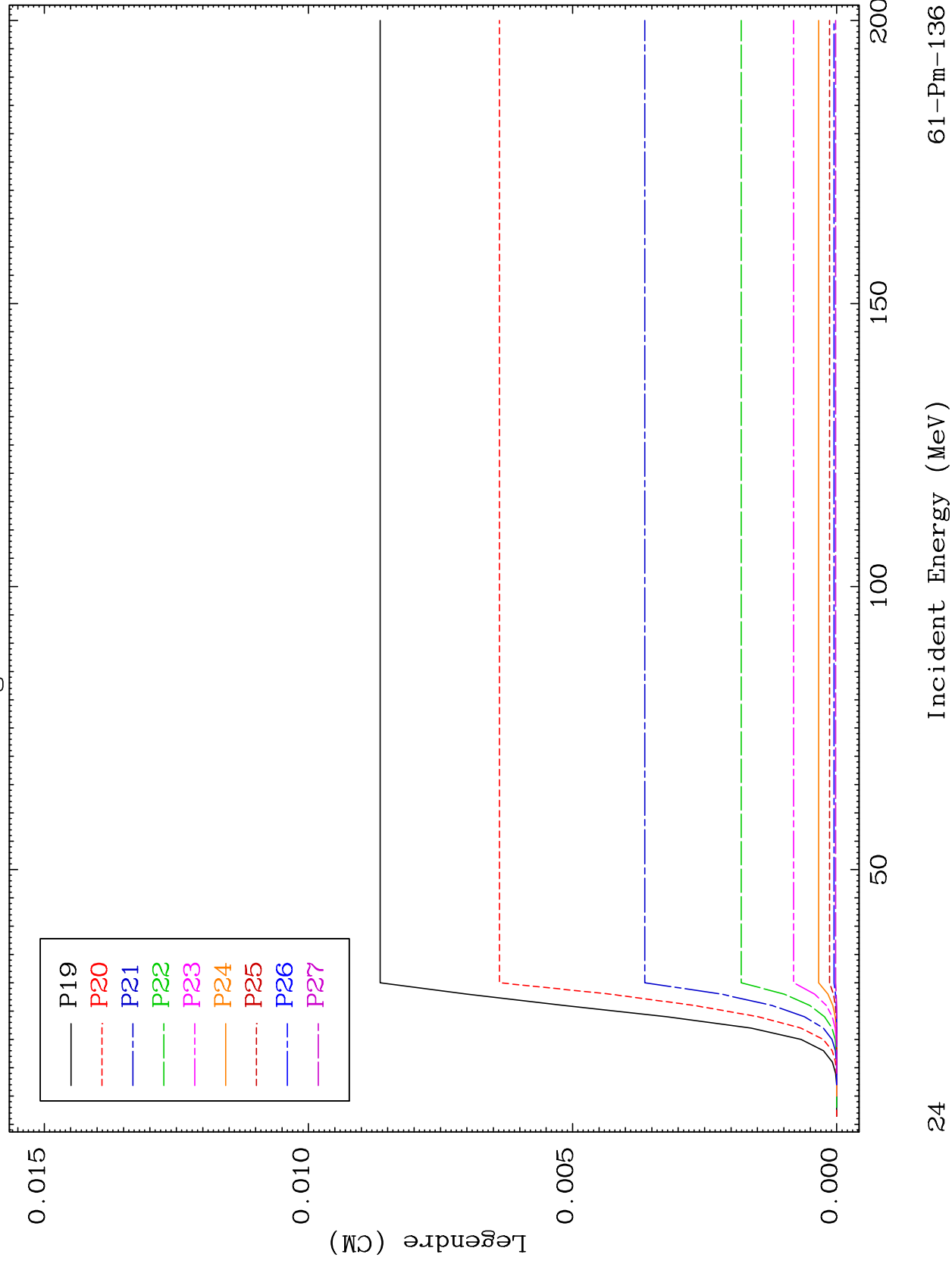




MAT 6116

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

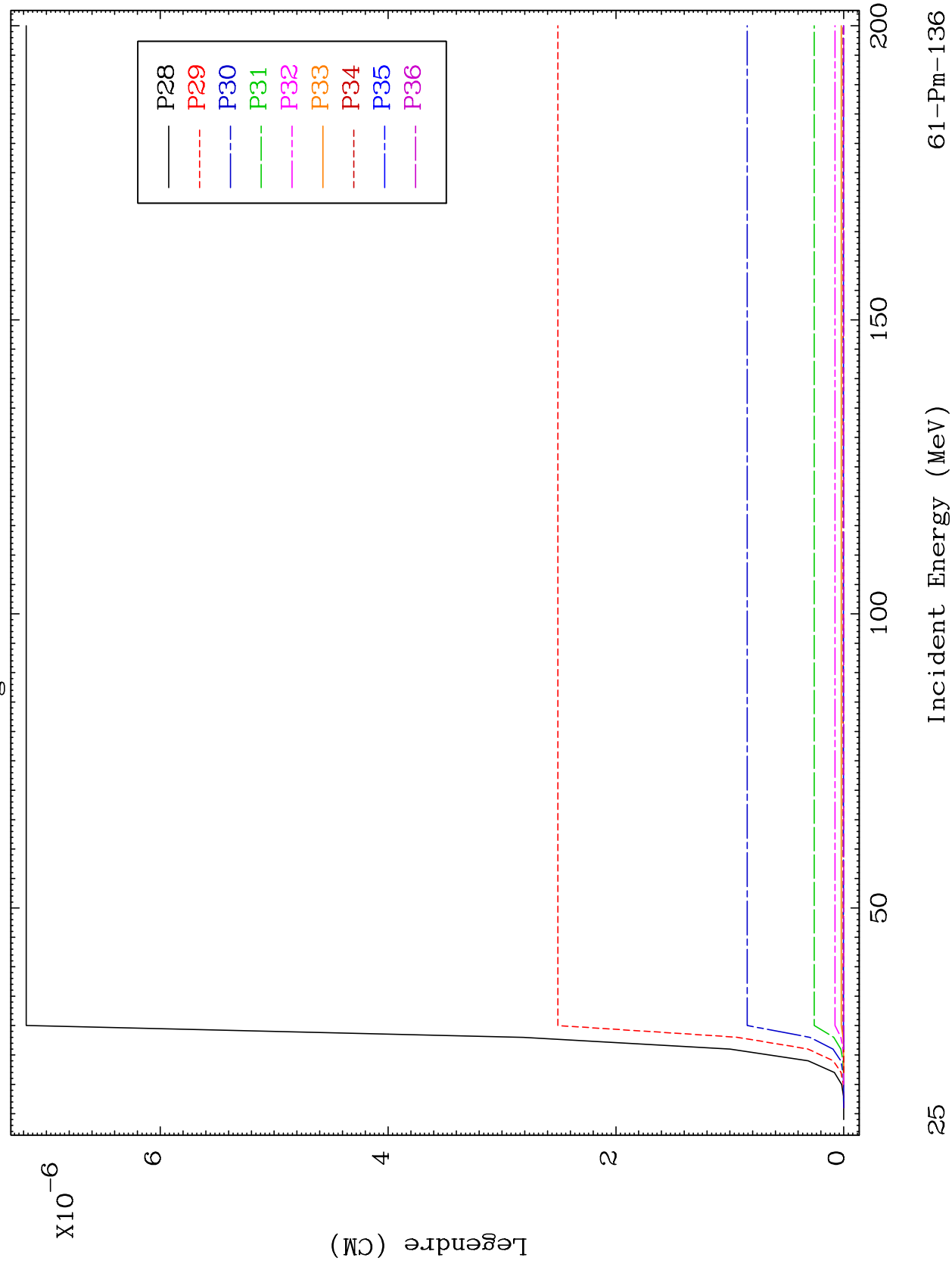
61-Pm-136

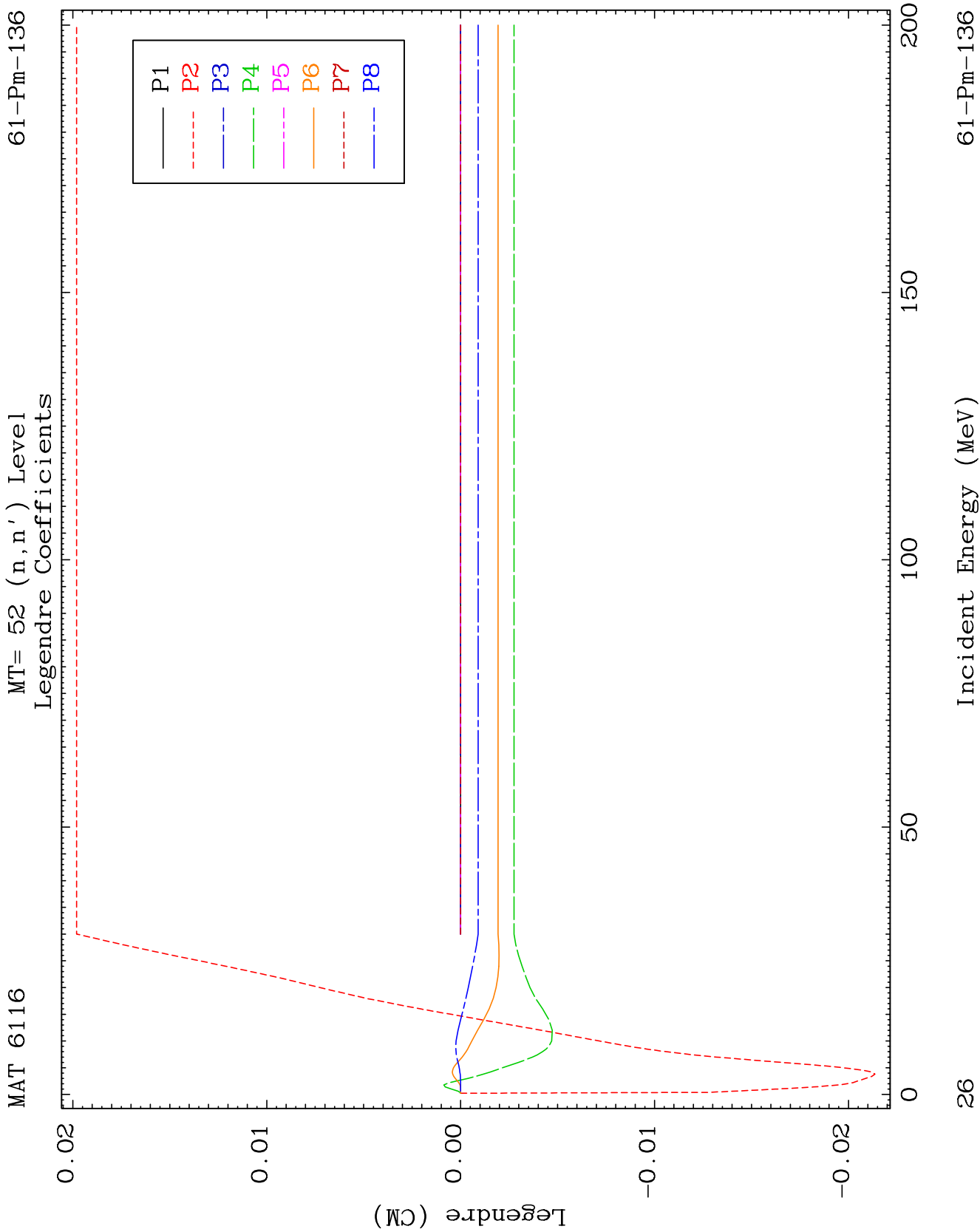


MAT 6116

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

61-Pm-136

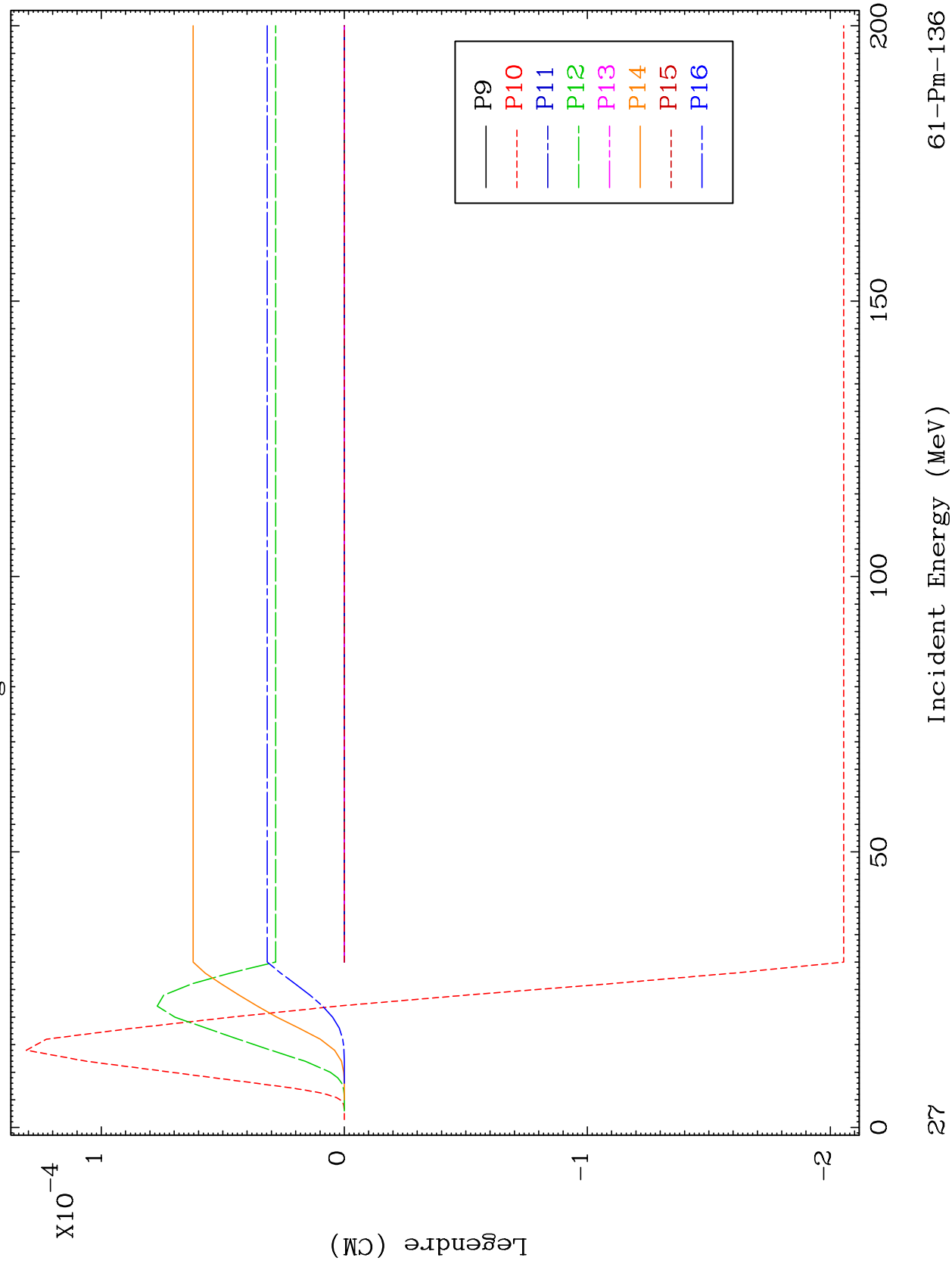


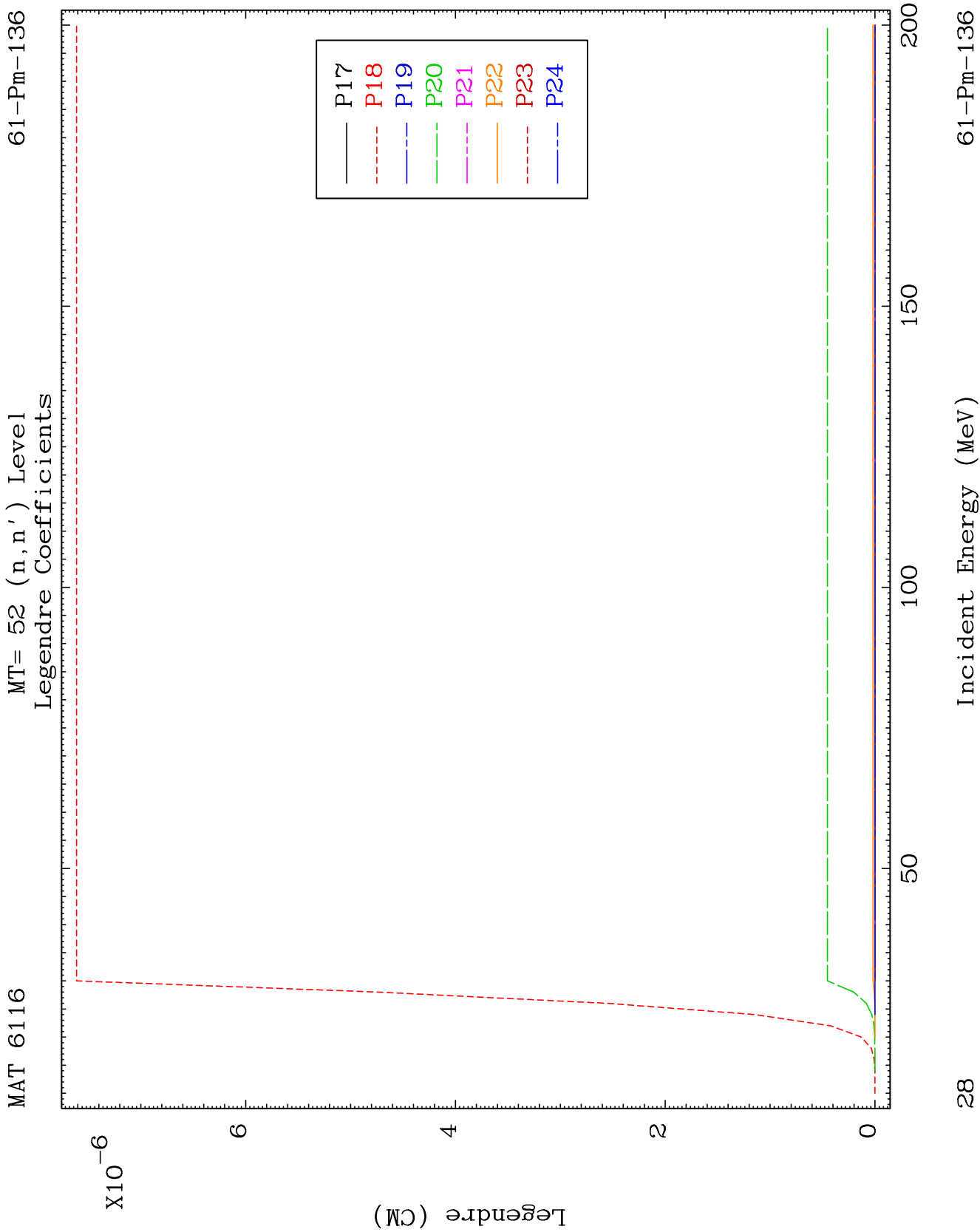


MAT 6116

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

61-Pm-136

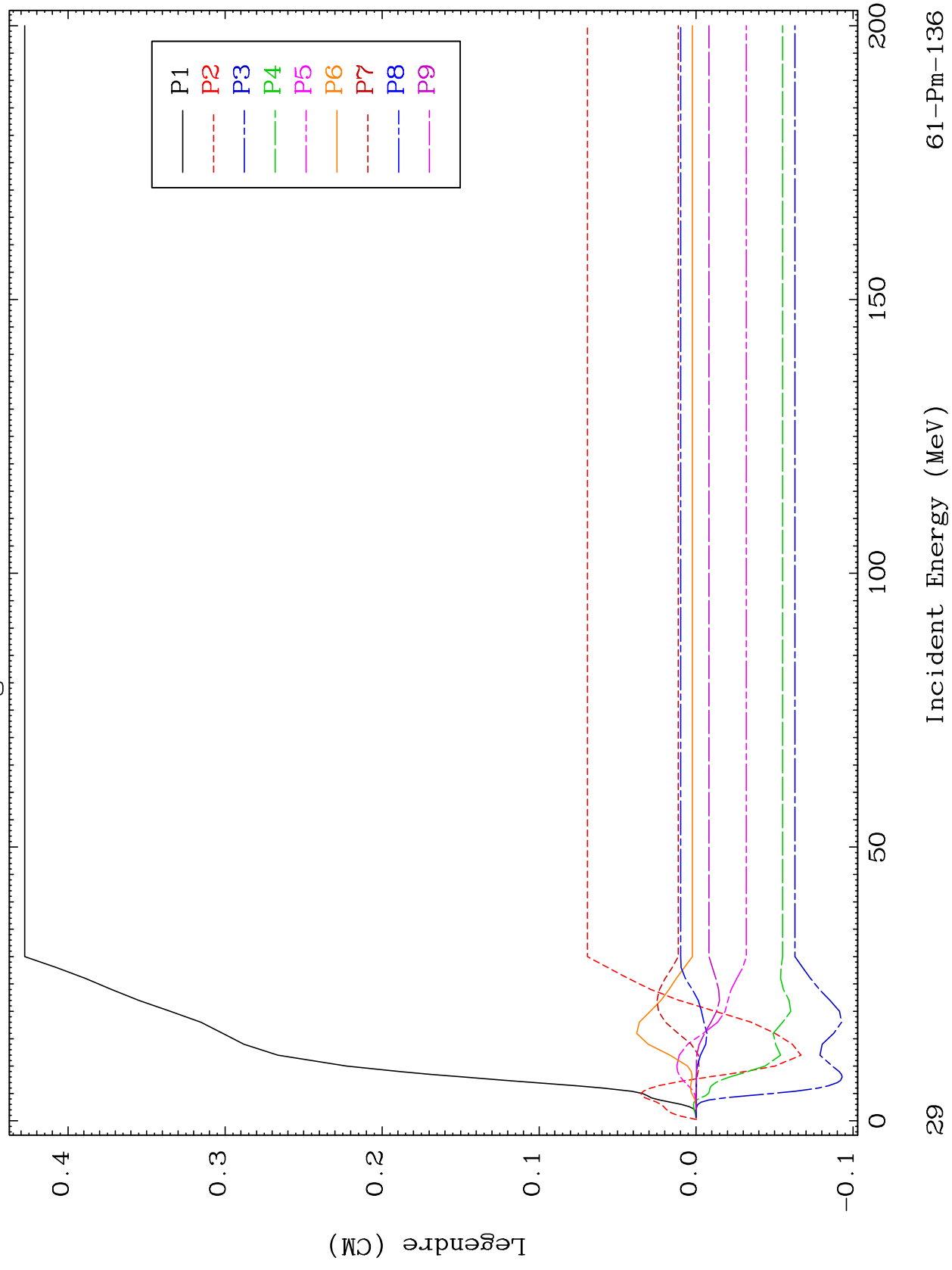


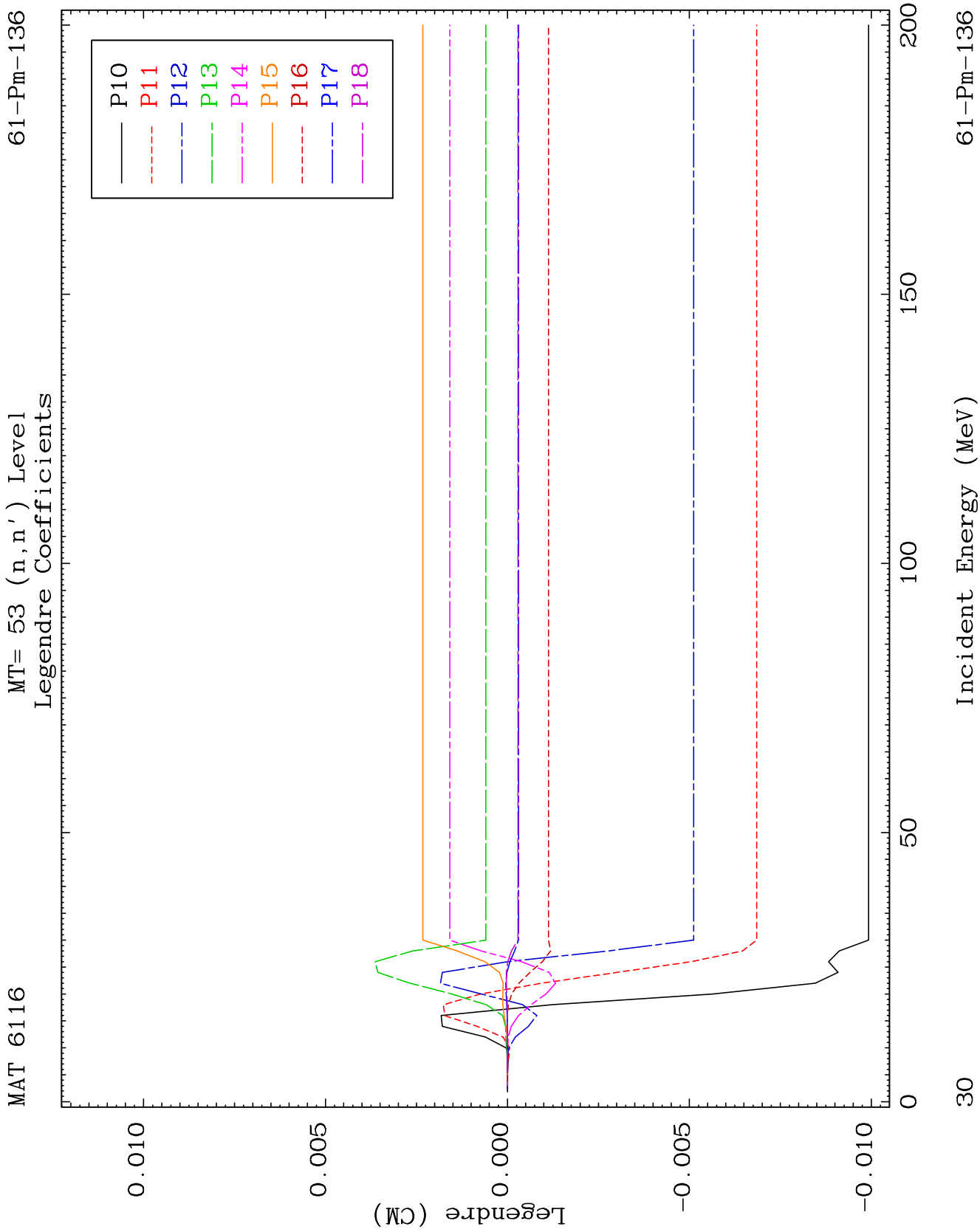


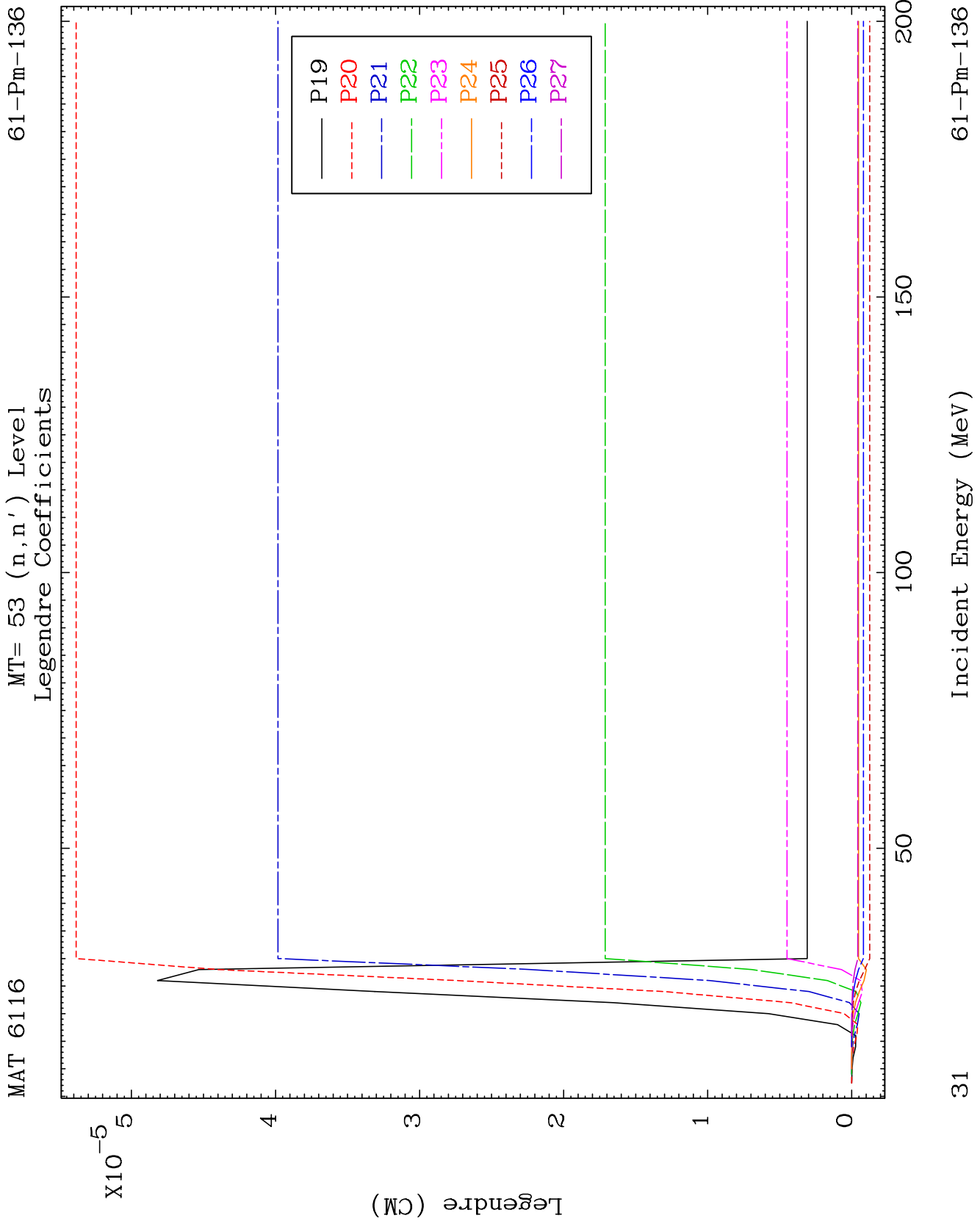
MAT 6116

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

61-Pm-136



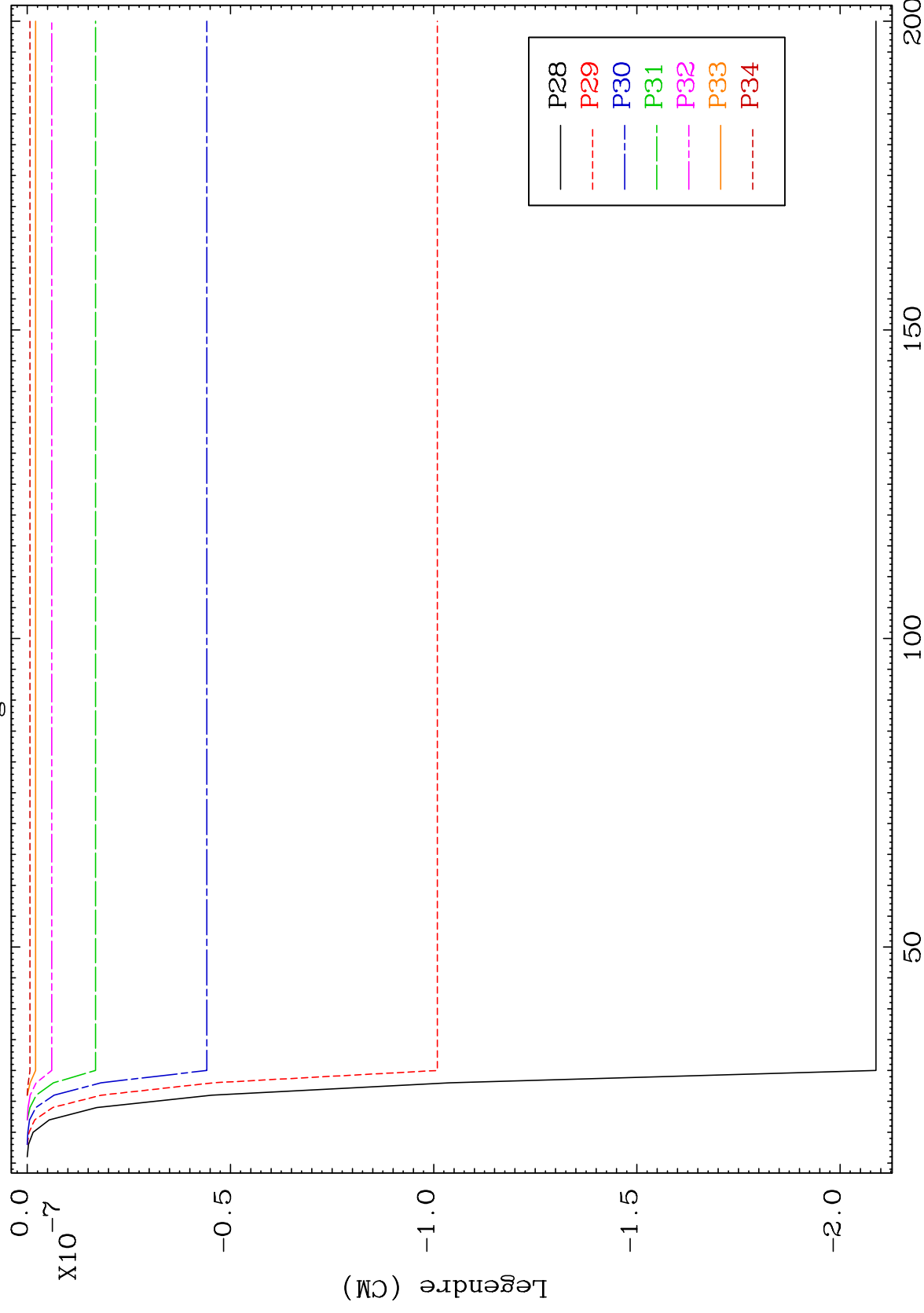




MAT 6116

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

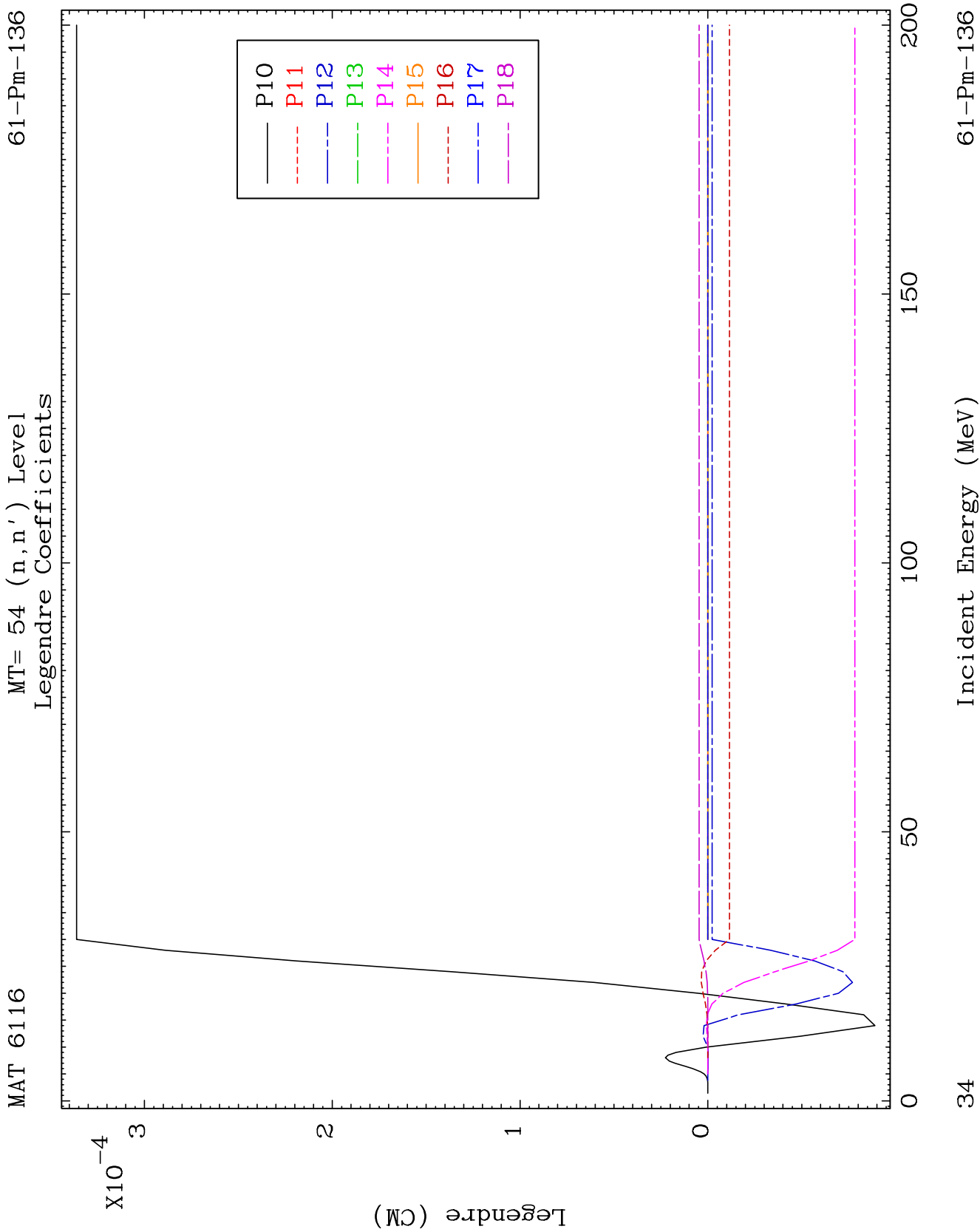
61-Pm-136



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Incident Energy (MeV)

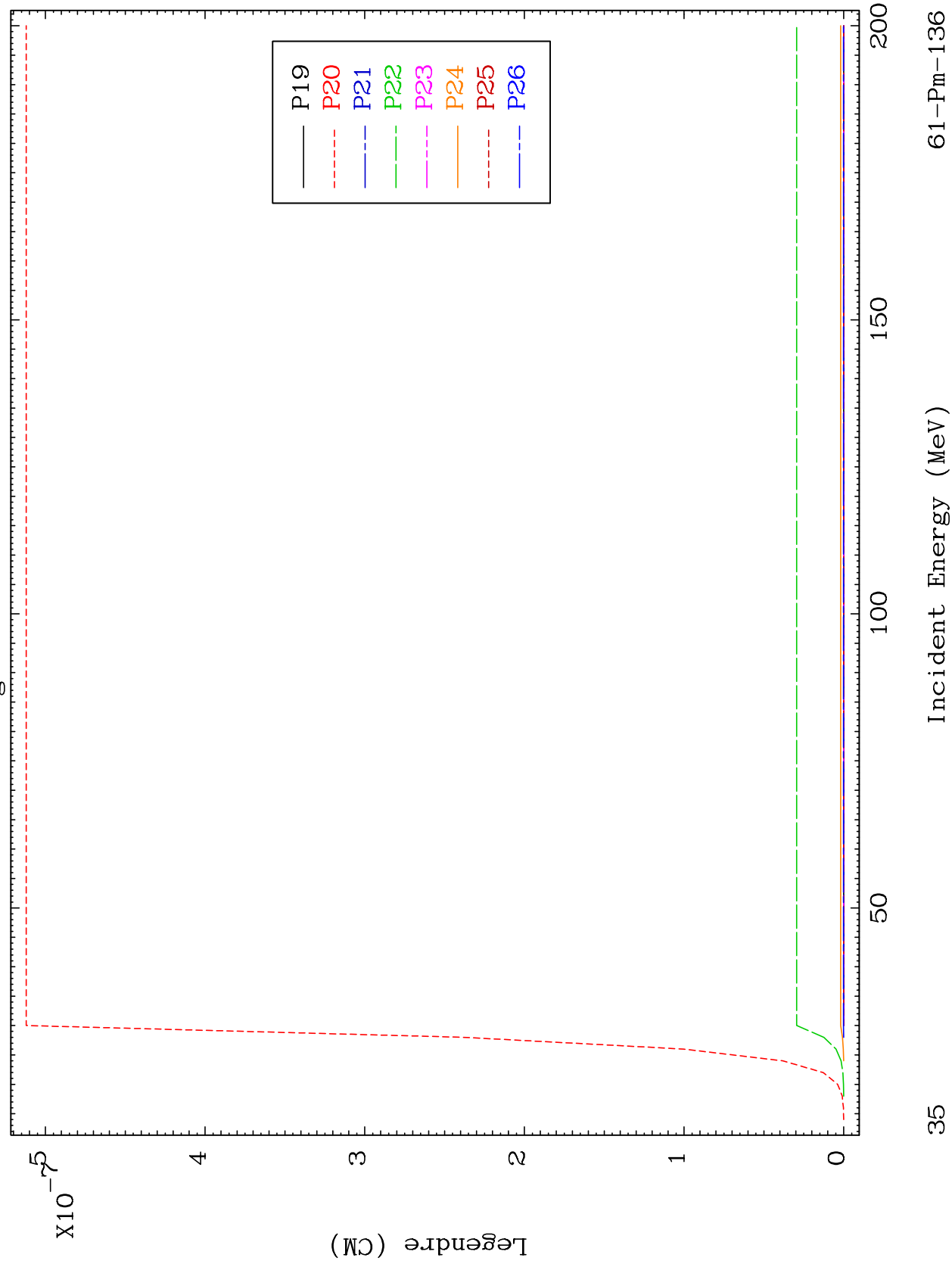
61-Pm-136

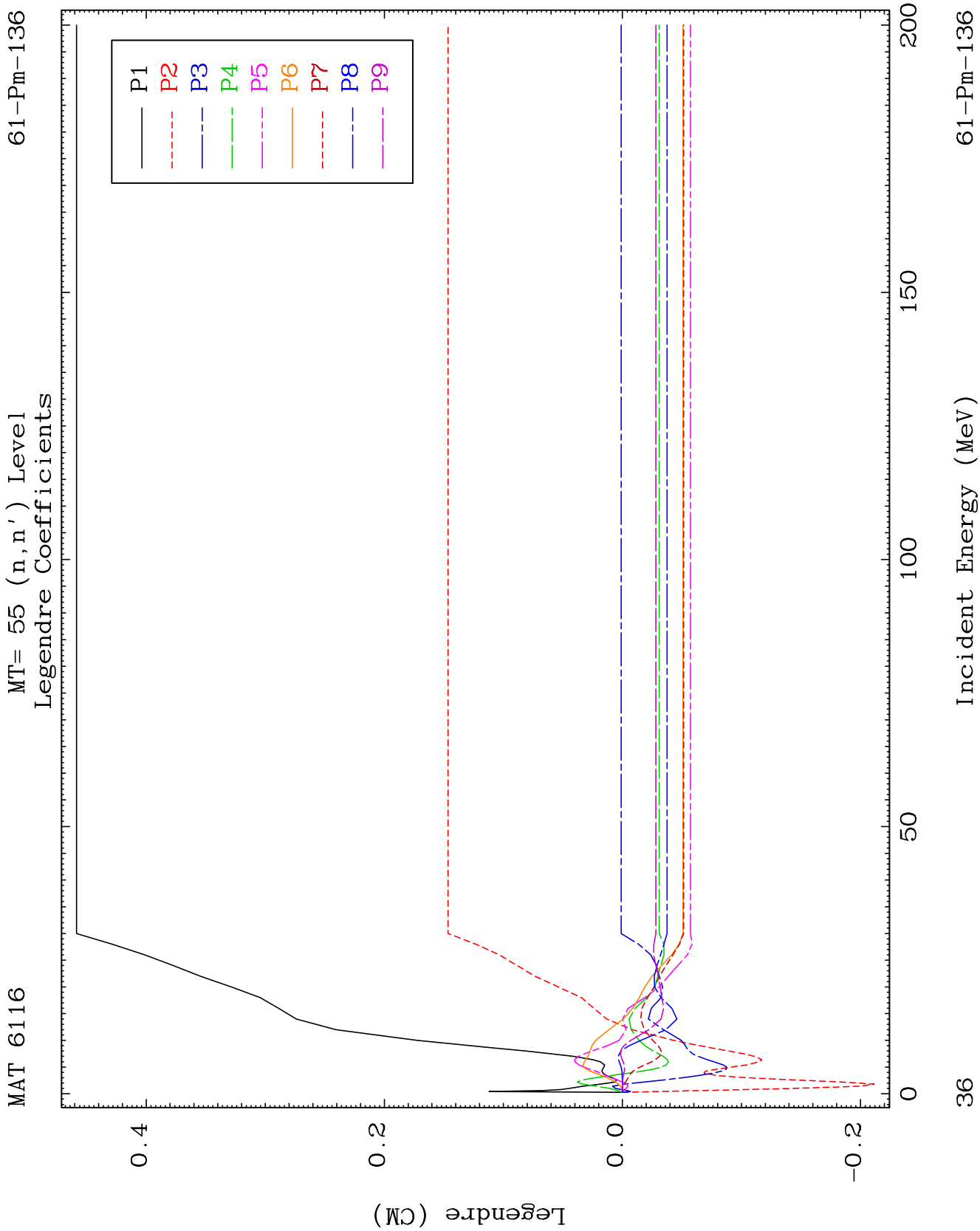


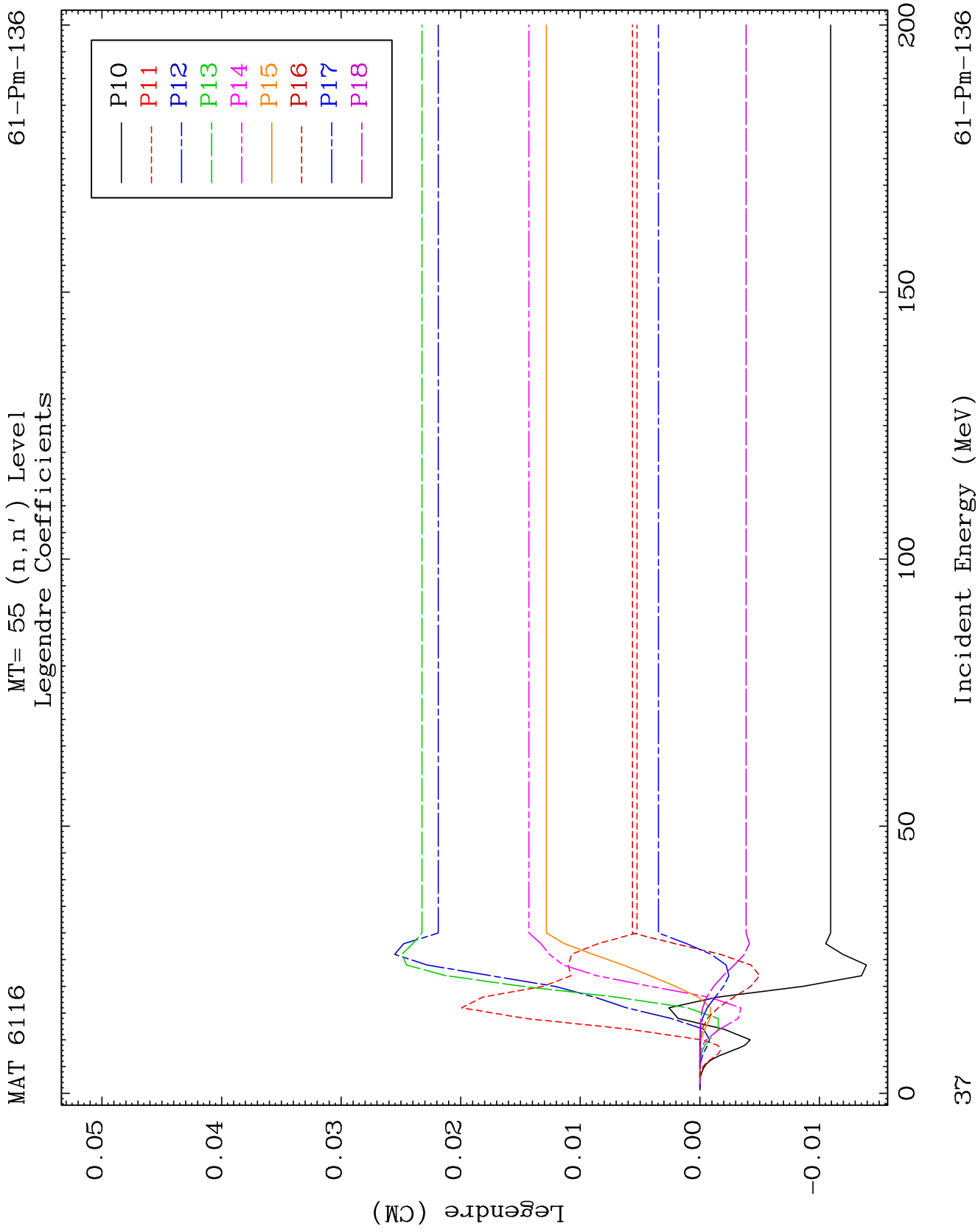
MAT 6116

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

61-Pm-136



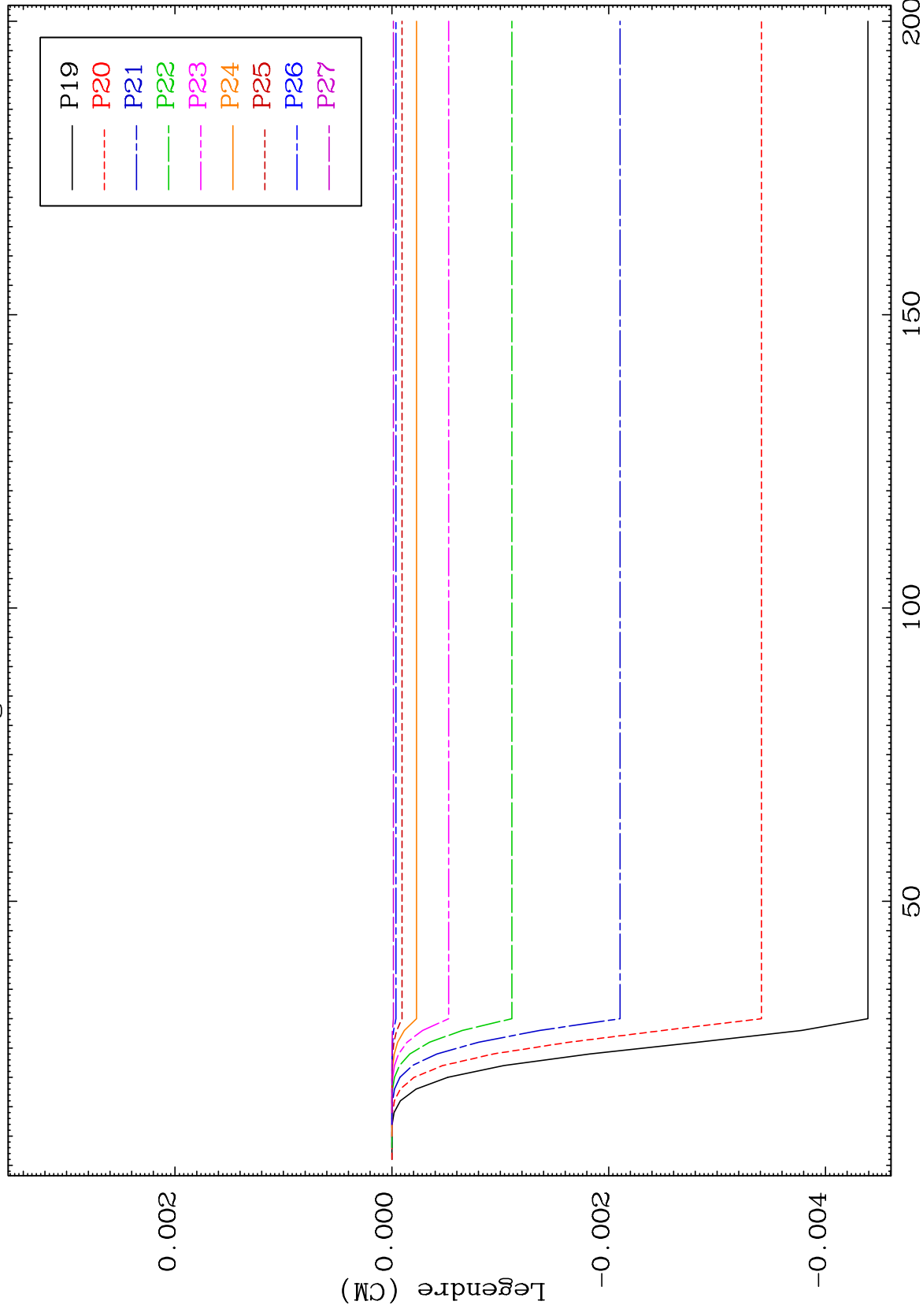




MAT 6116

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

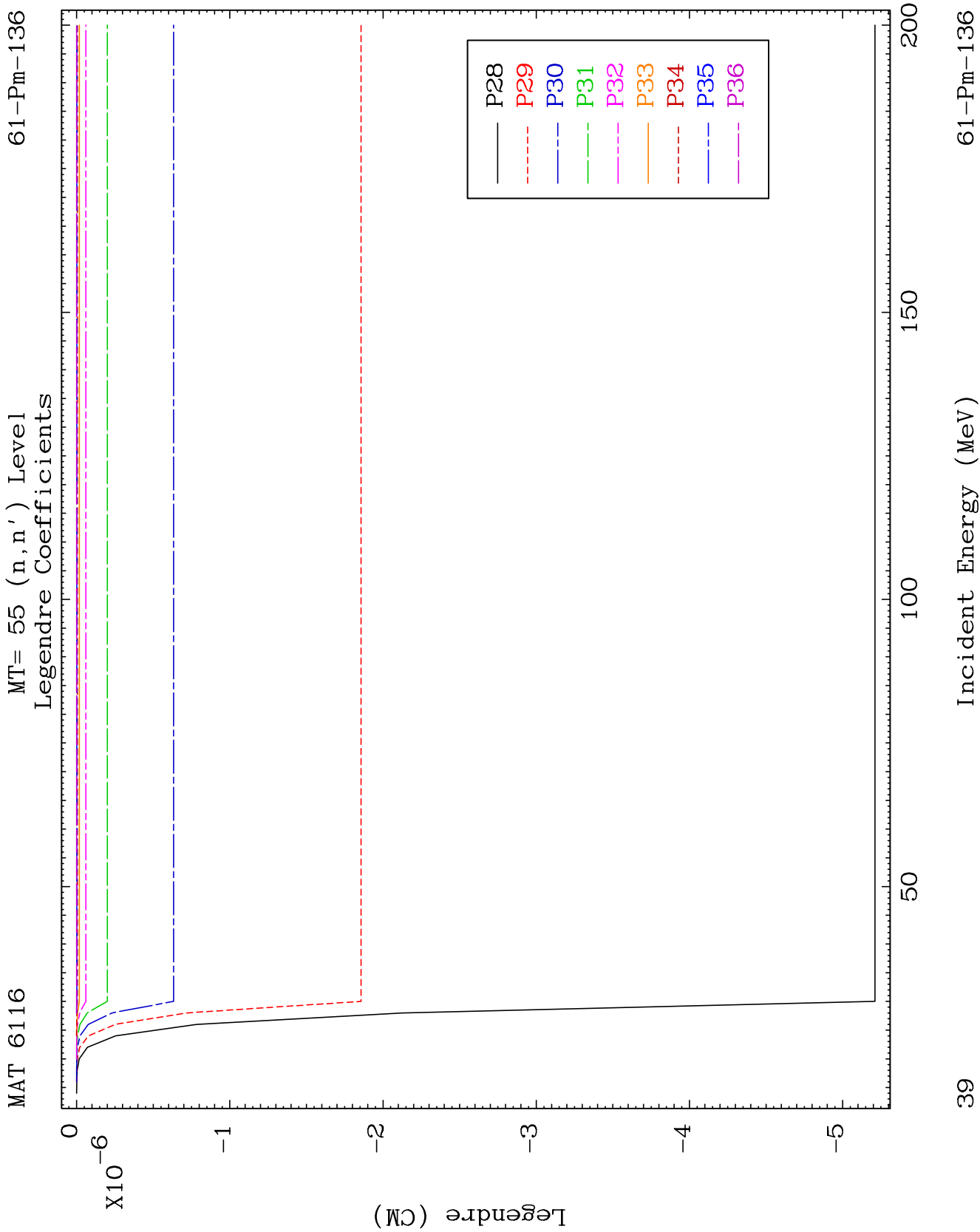
61-Pm-136



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Incident Energy (MeV)

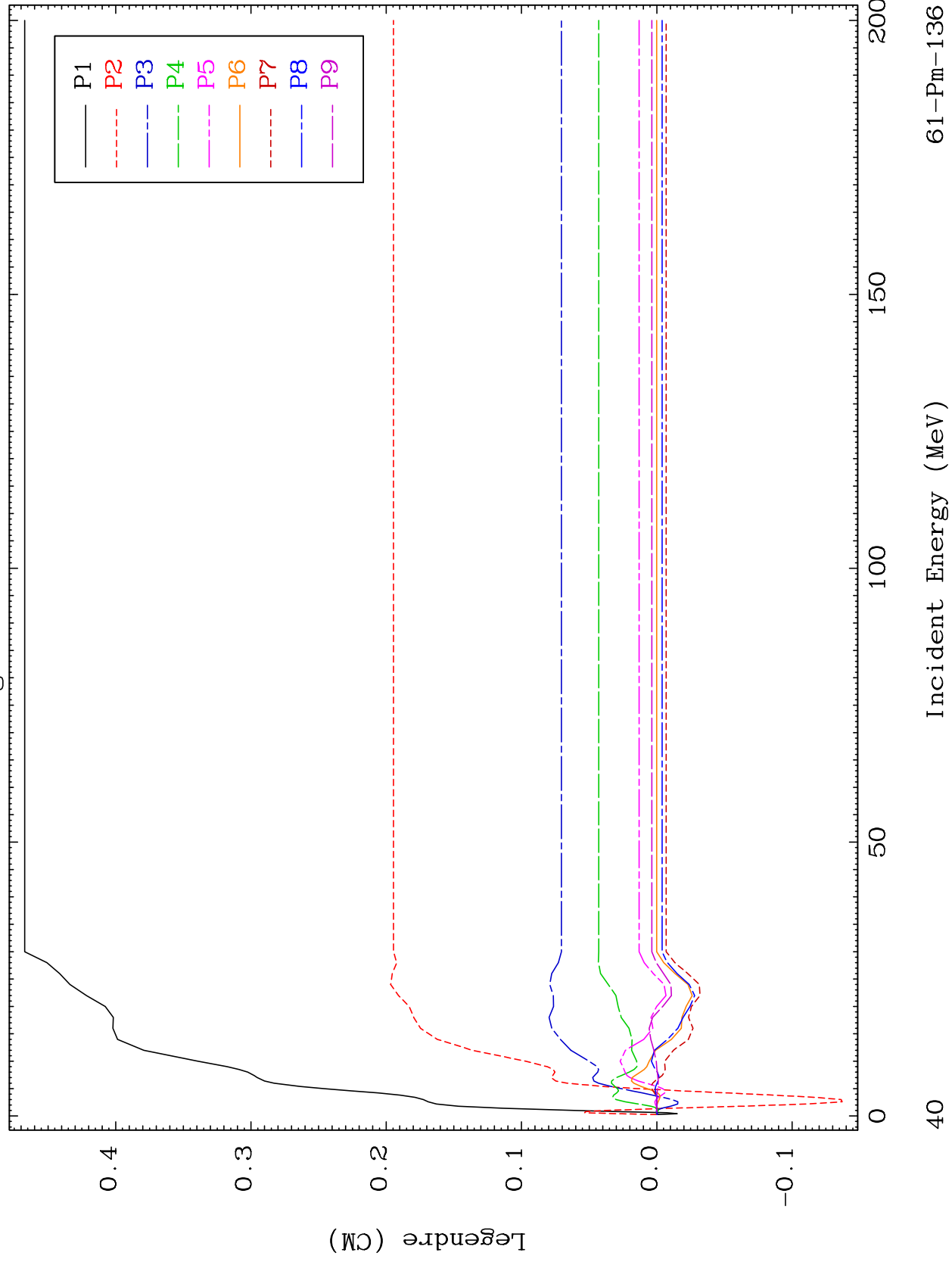
61-Pm-136



MAT 6116

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

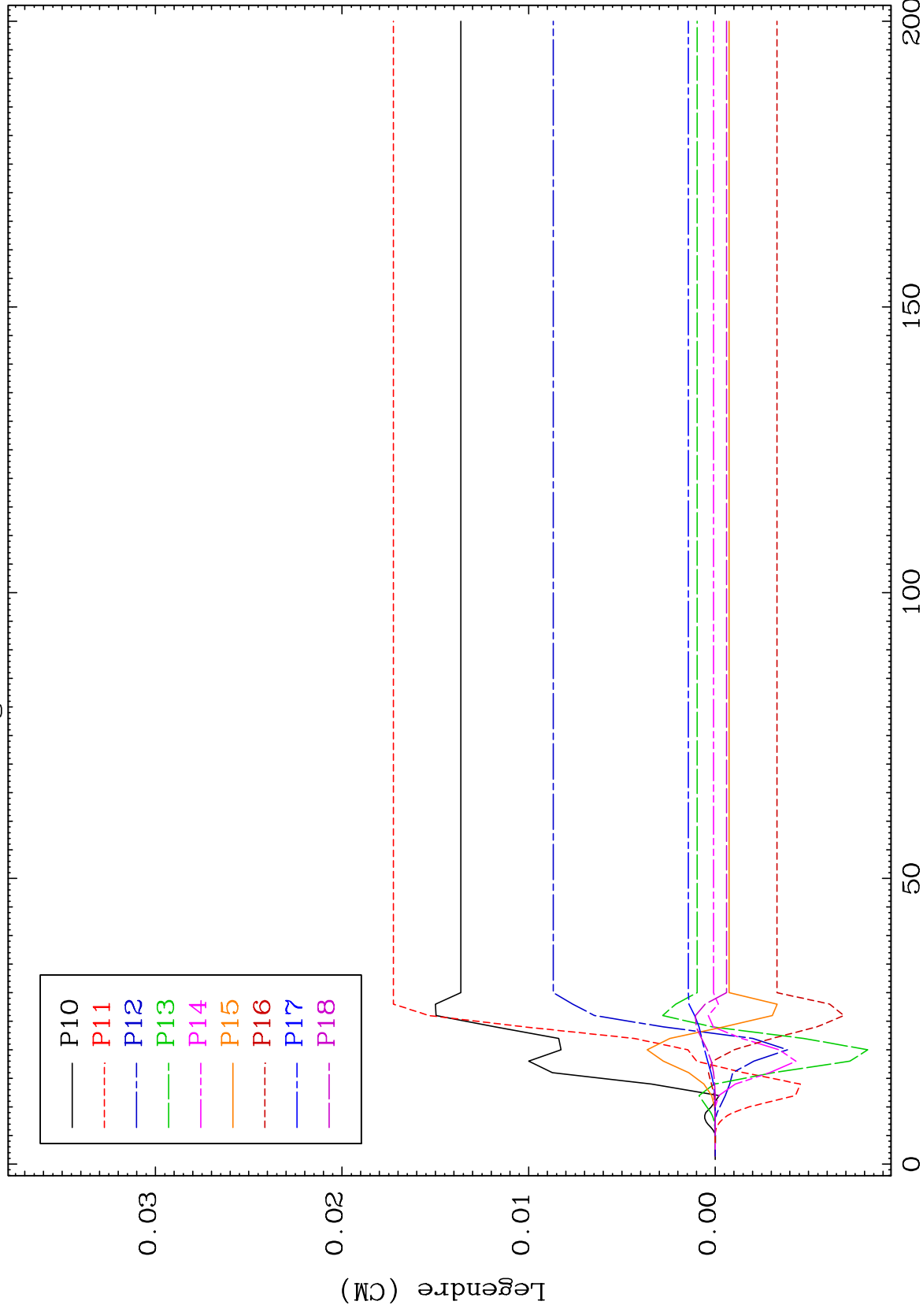
61-Pm-136



MAT 6116

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

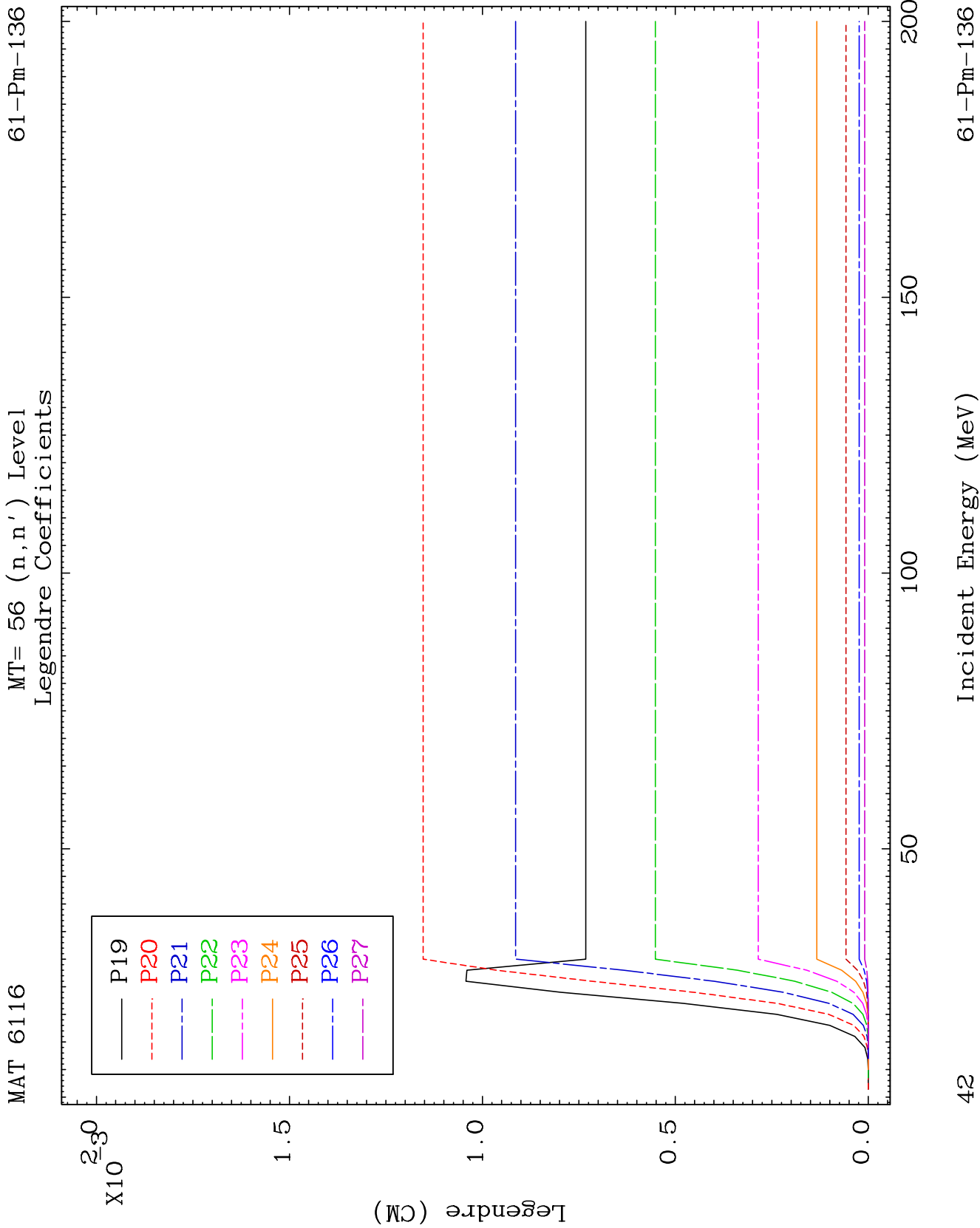
61-Pm-136

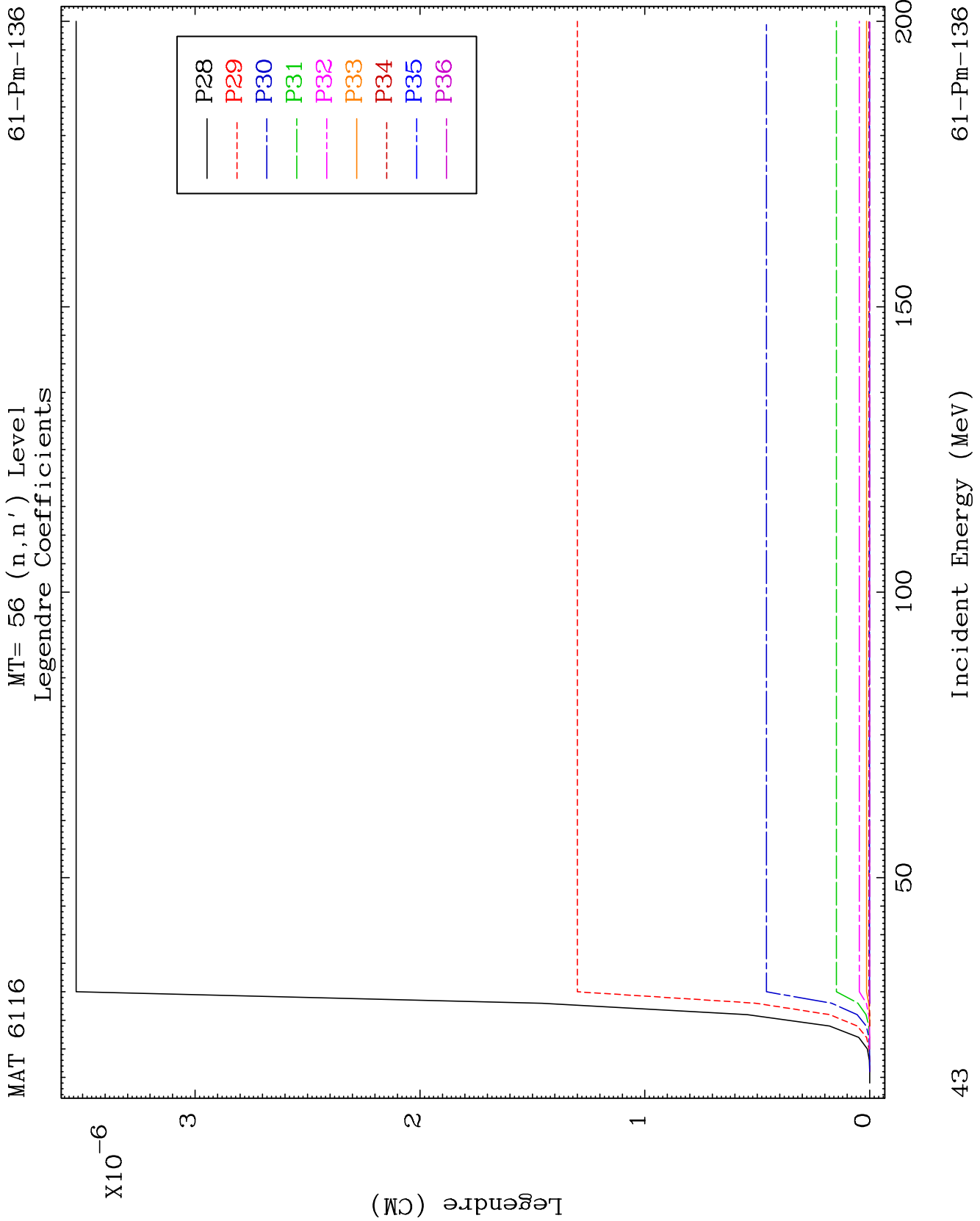


41

Incident Energy (MeV)

61-Pm-136

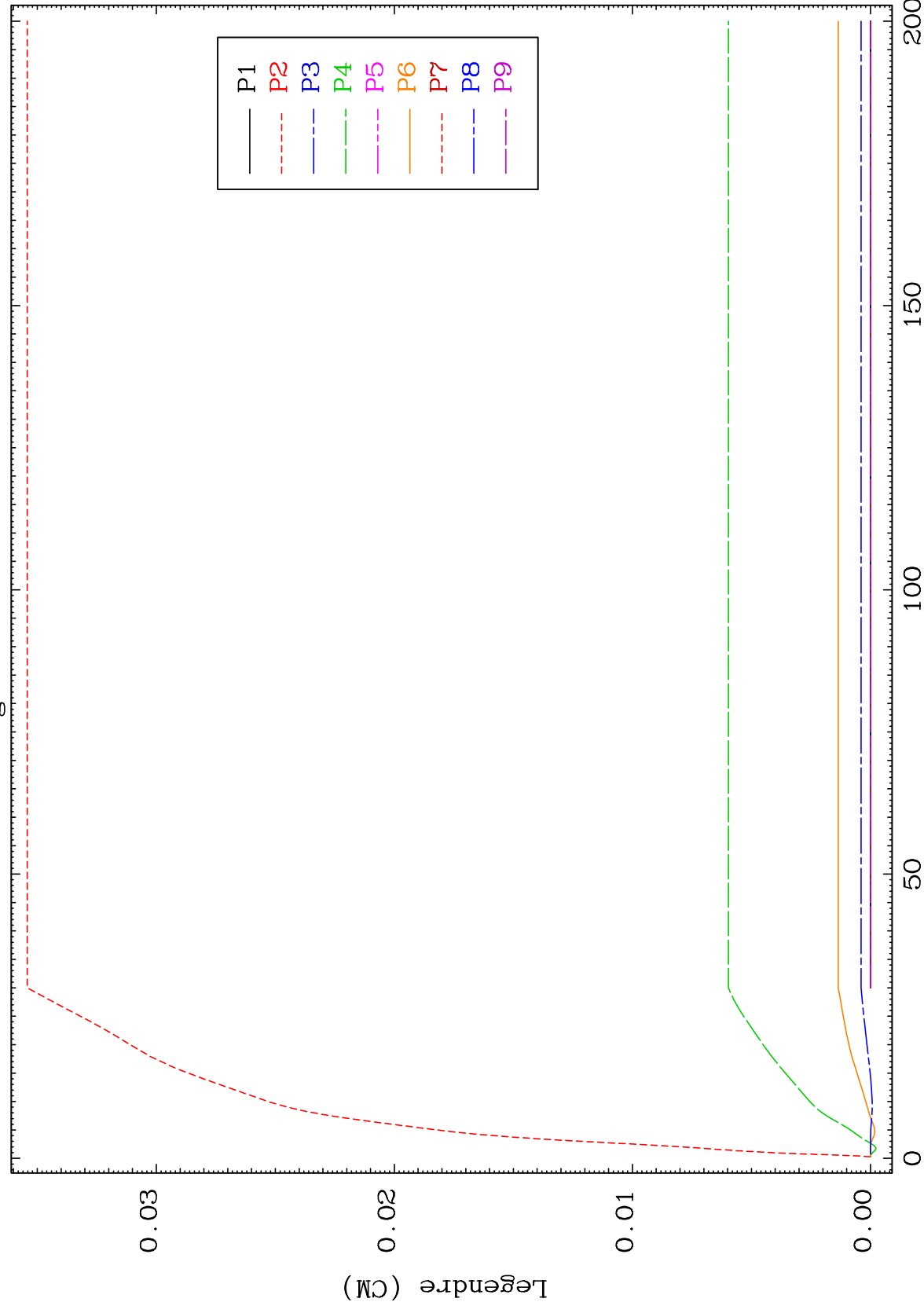




MAT 6116

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

61-Pm-136



44

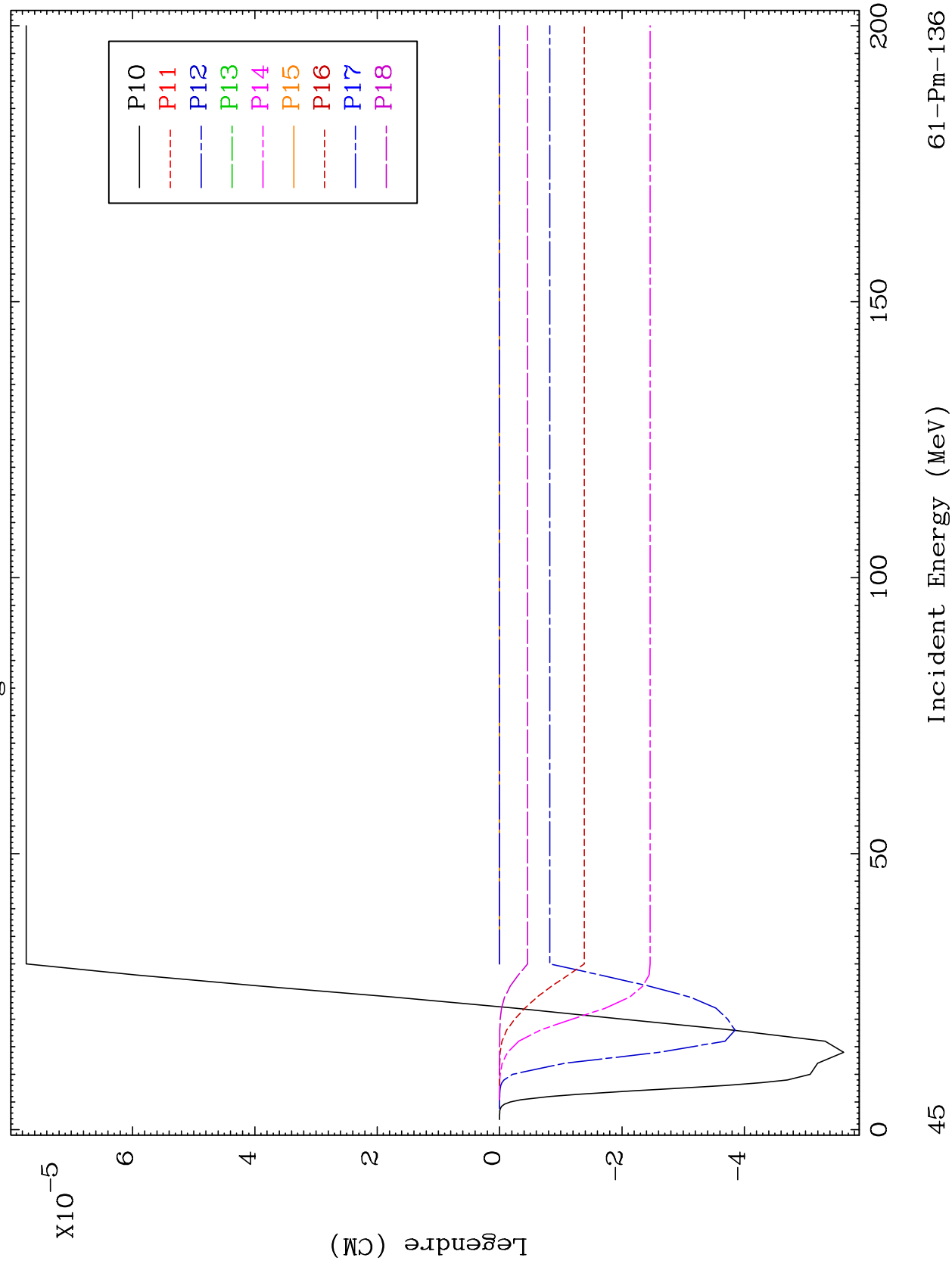
Incident Energy (MeV)

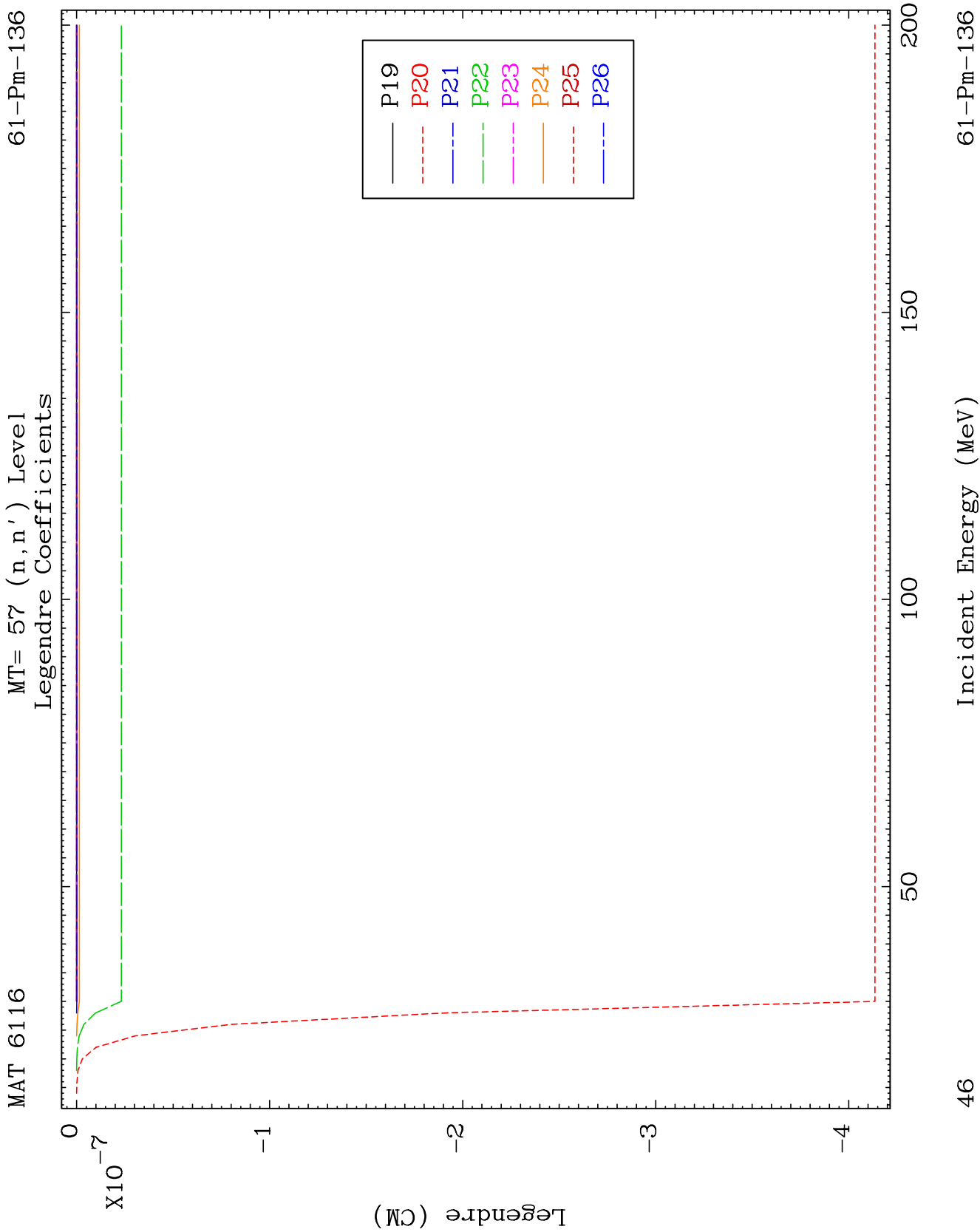
61-Pm-136

MAT 6116

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

61-Pm-136

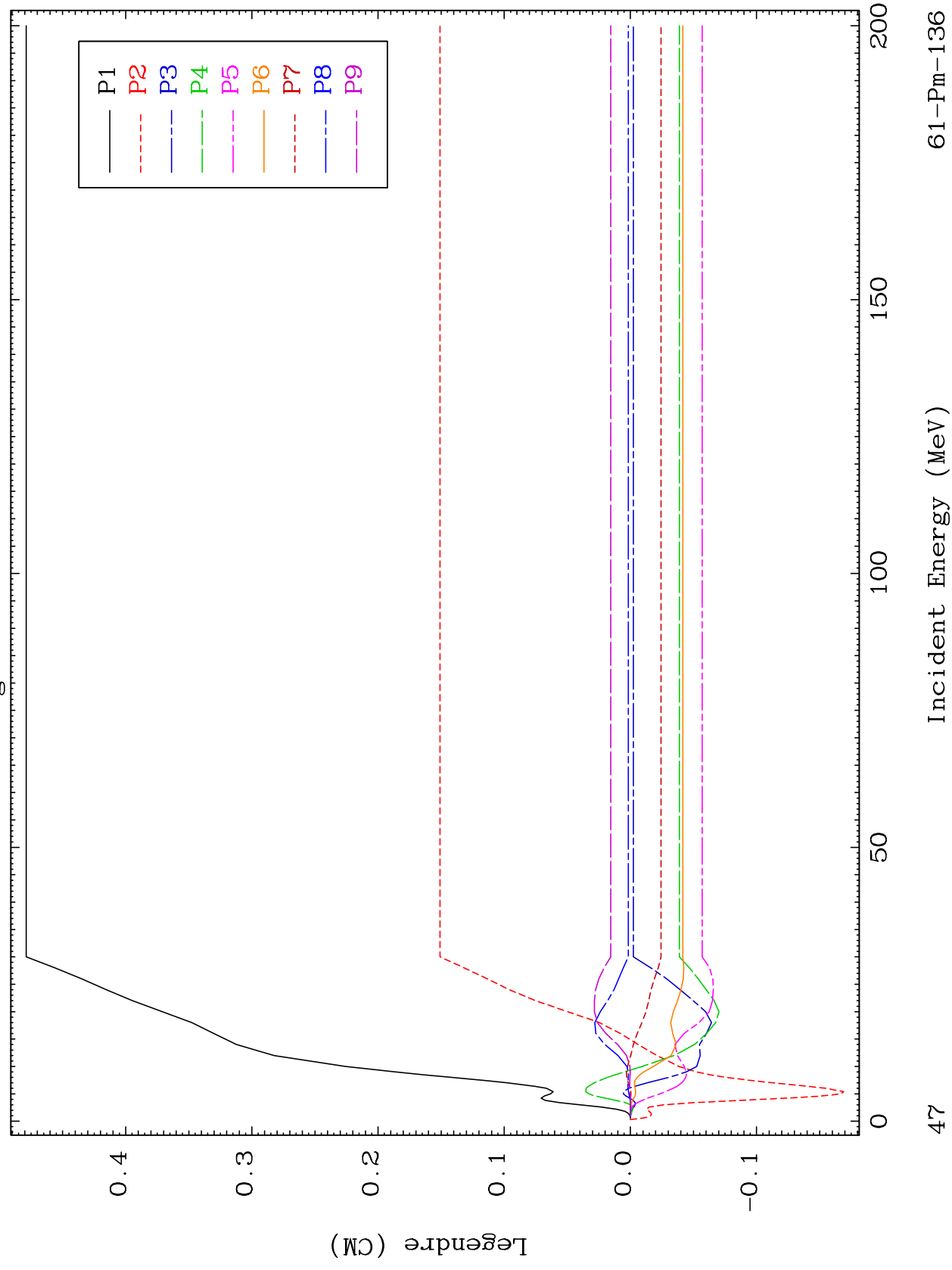


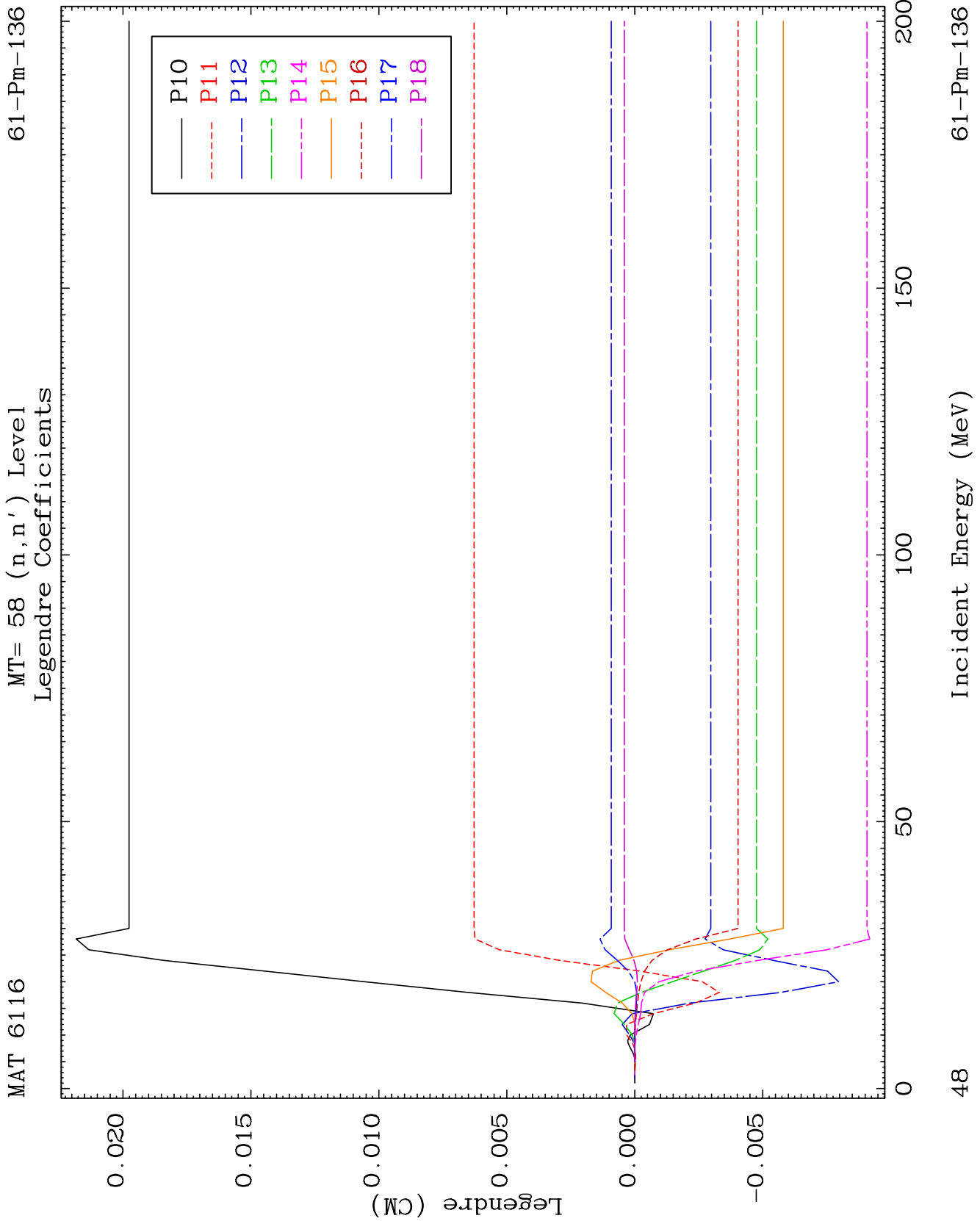


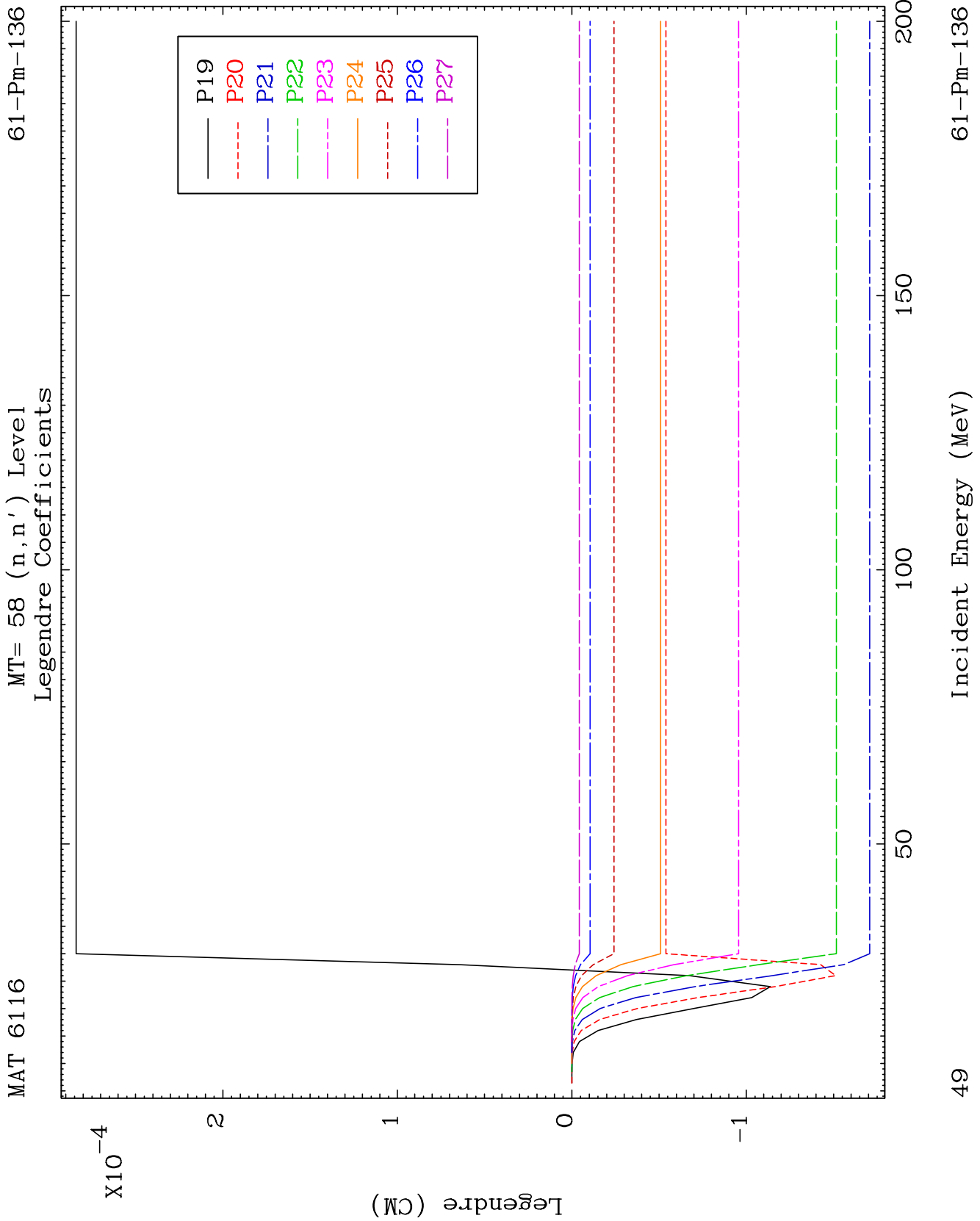
MAT 6116

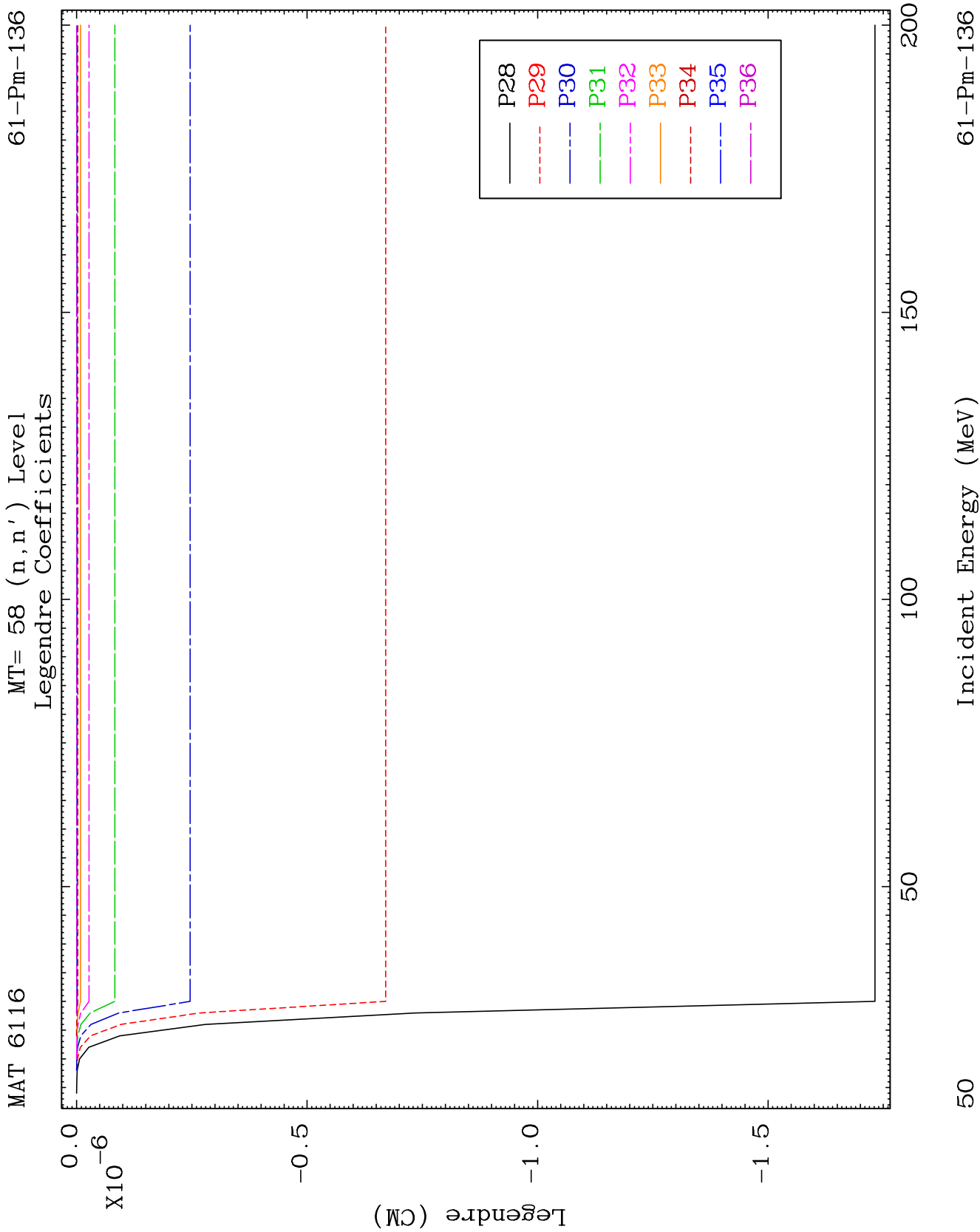
MT= 58 (n, n') Level
Legendre Coefficients

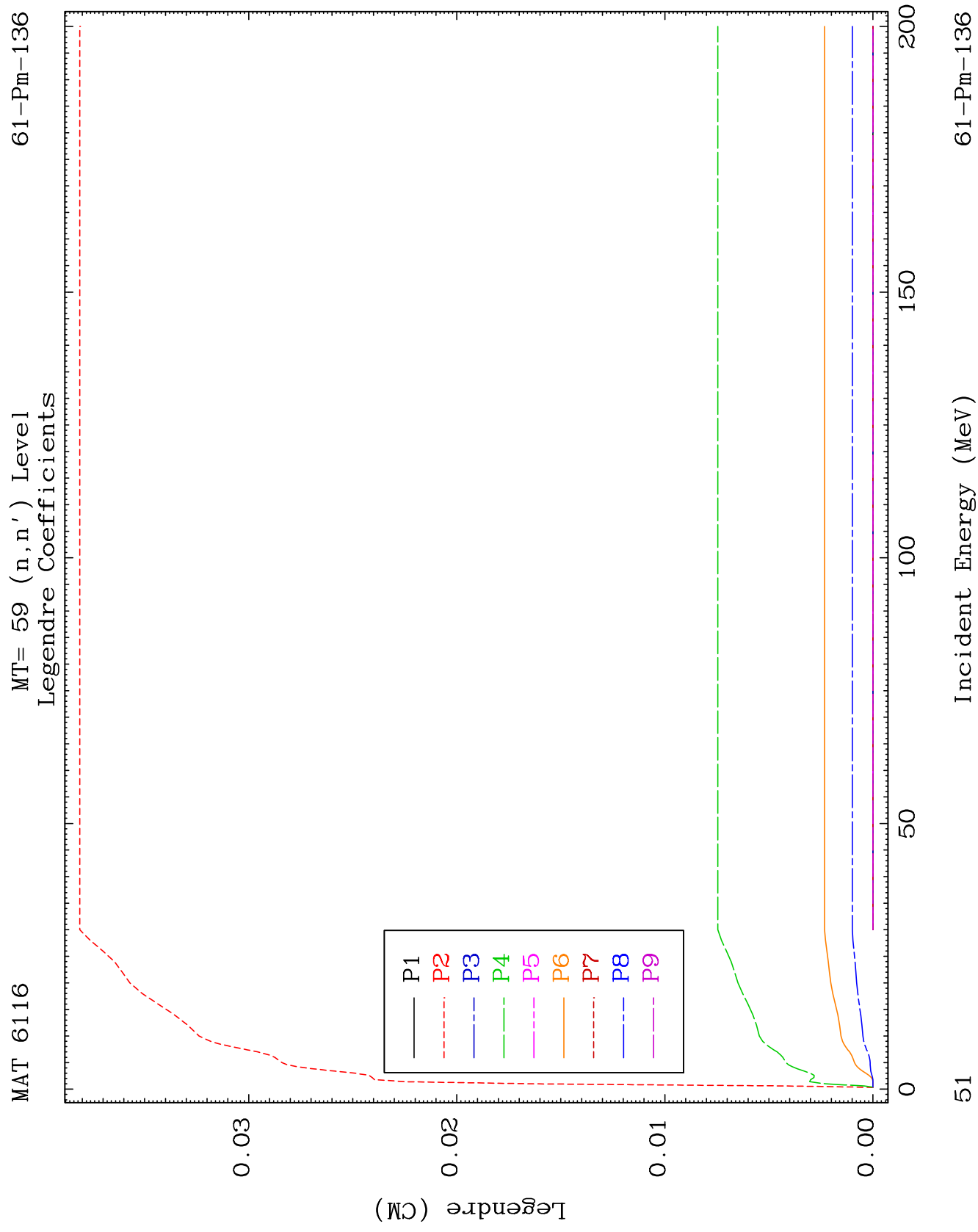
61-Pm-136

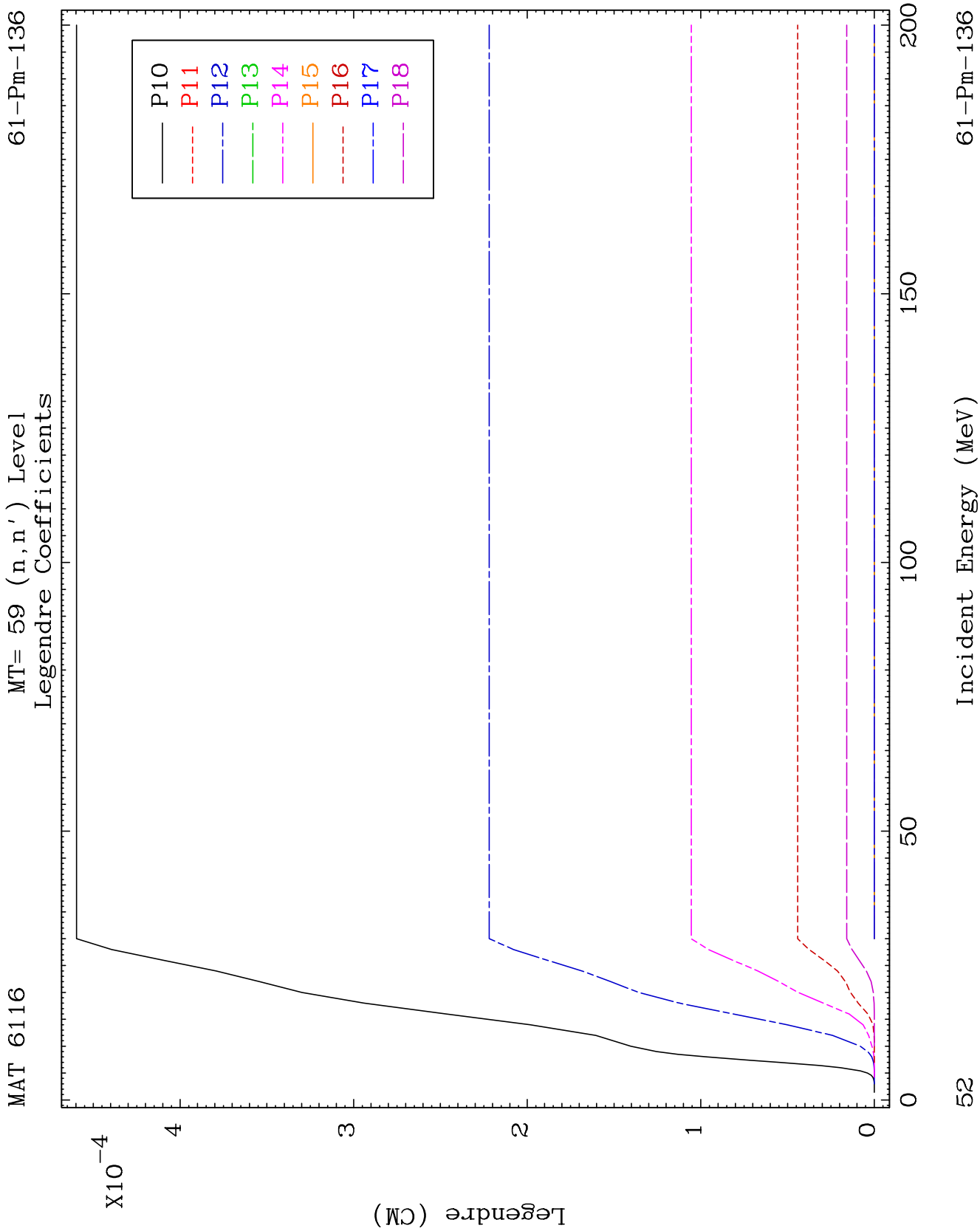


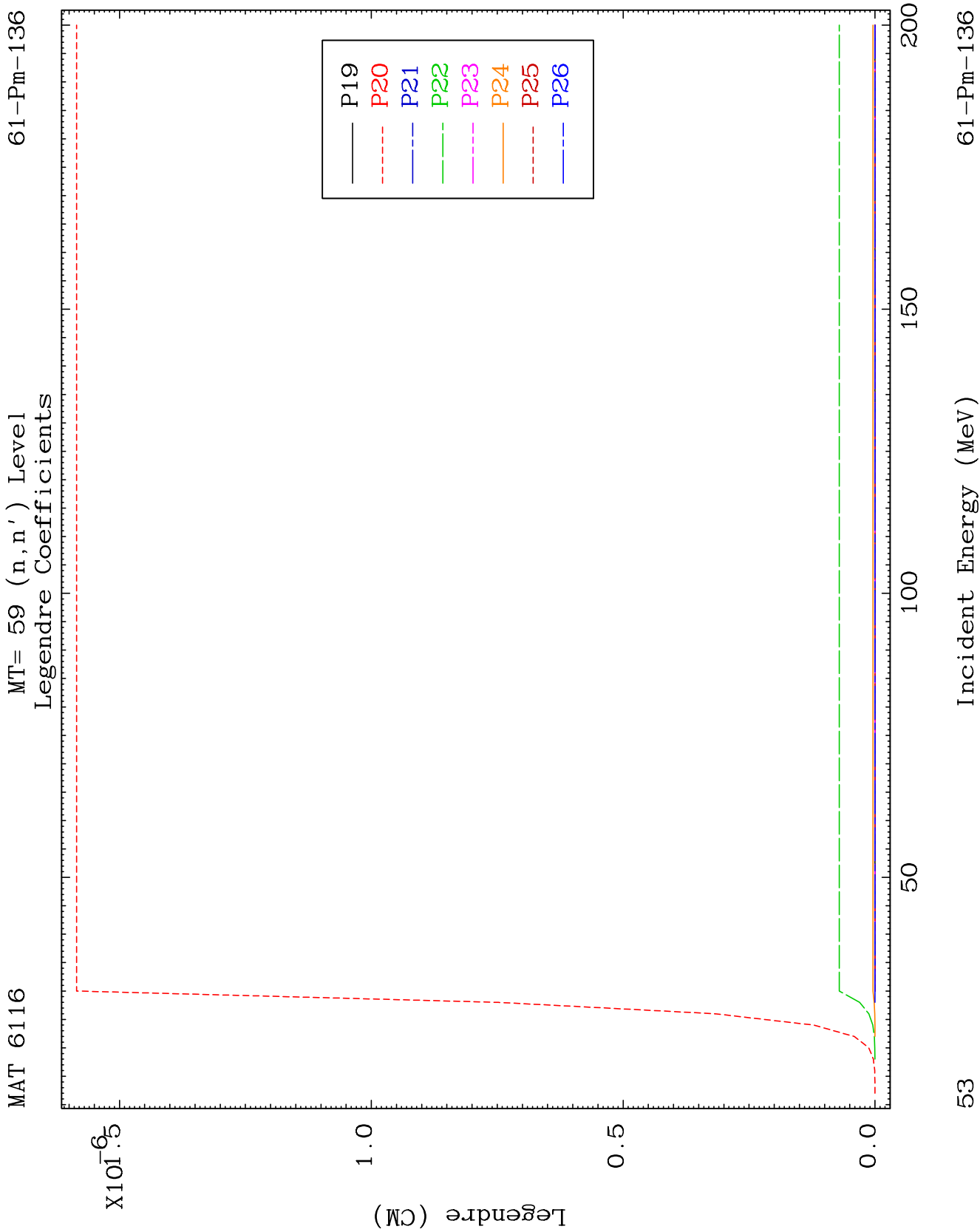


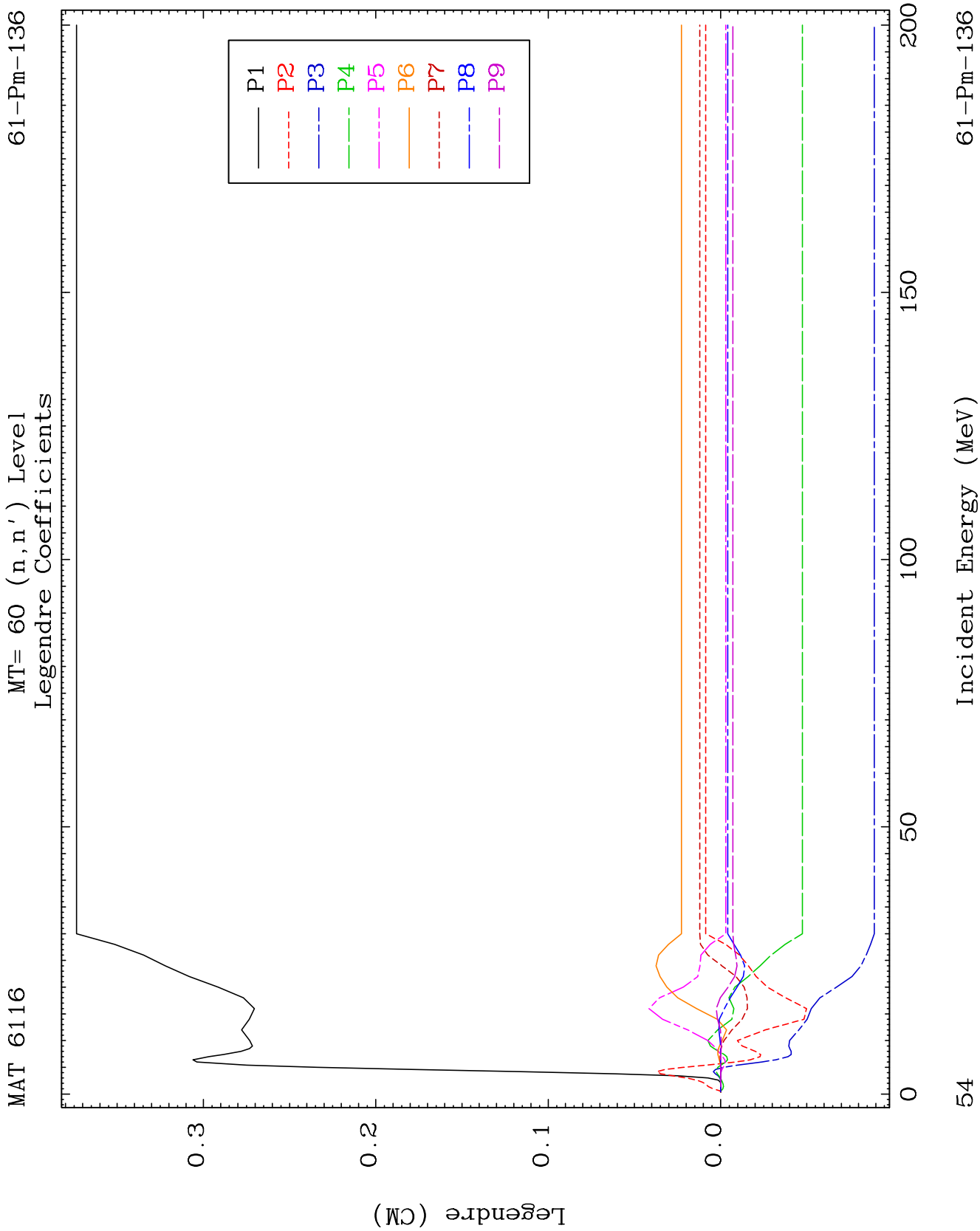


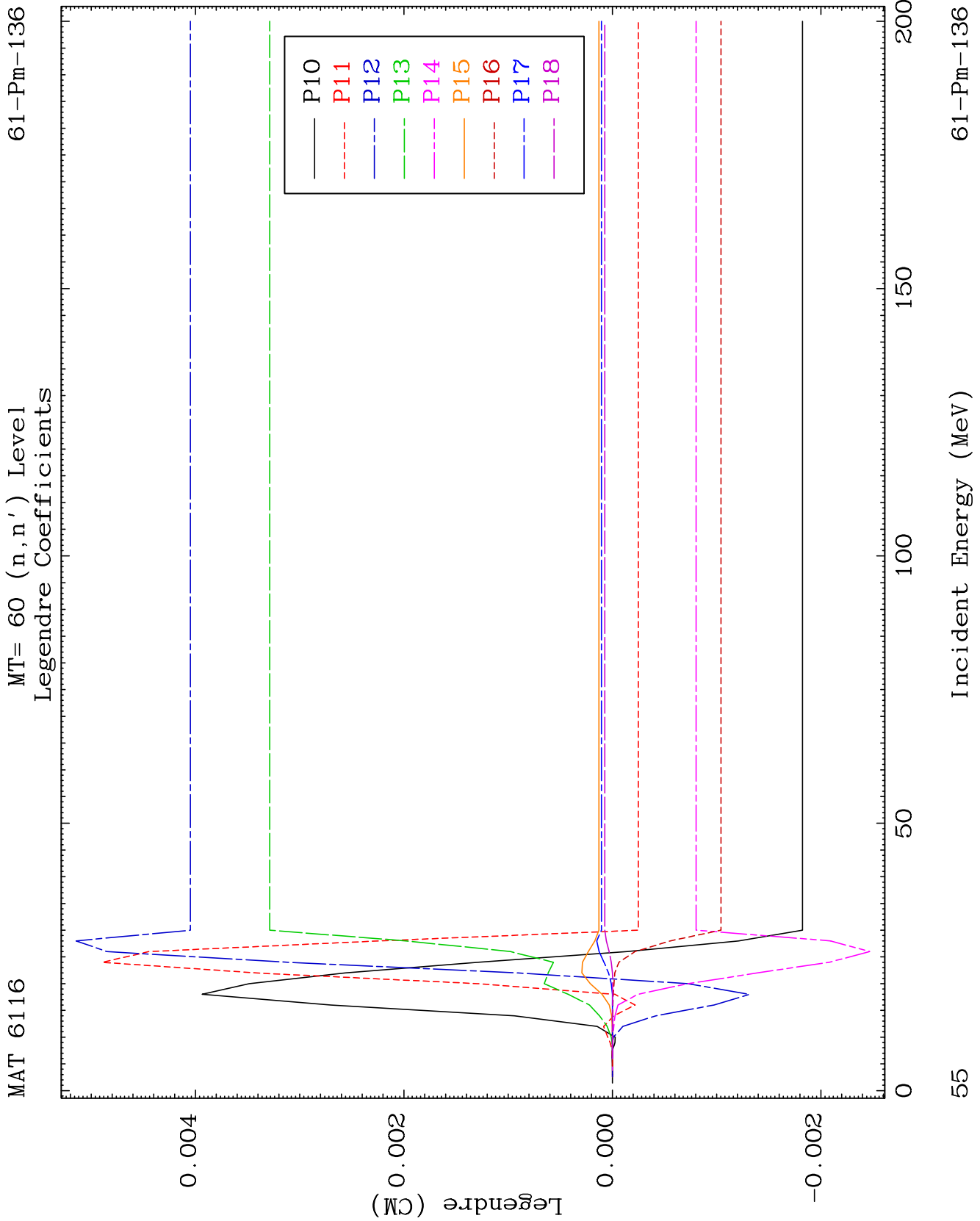








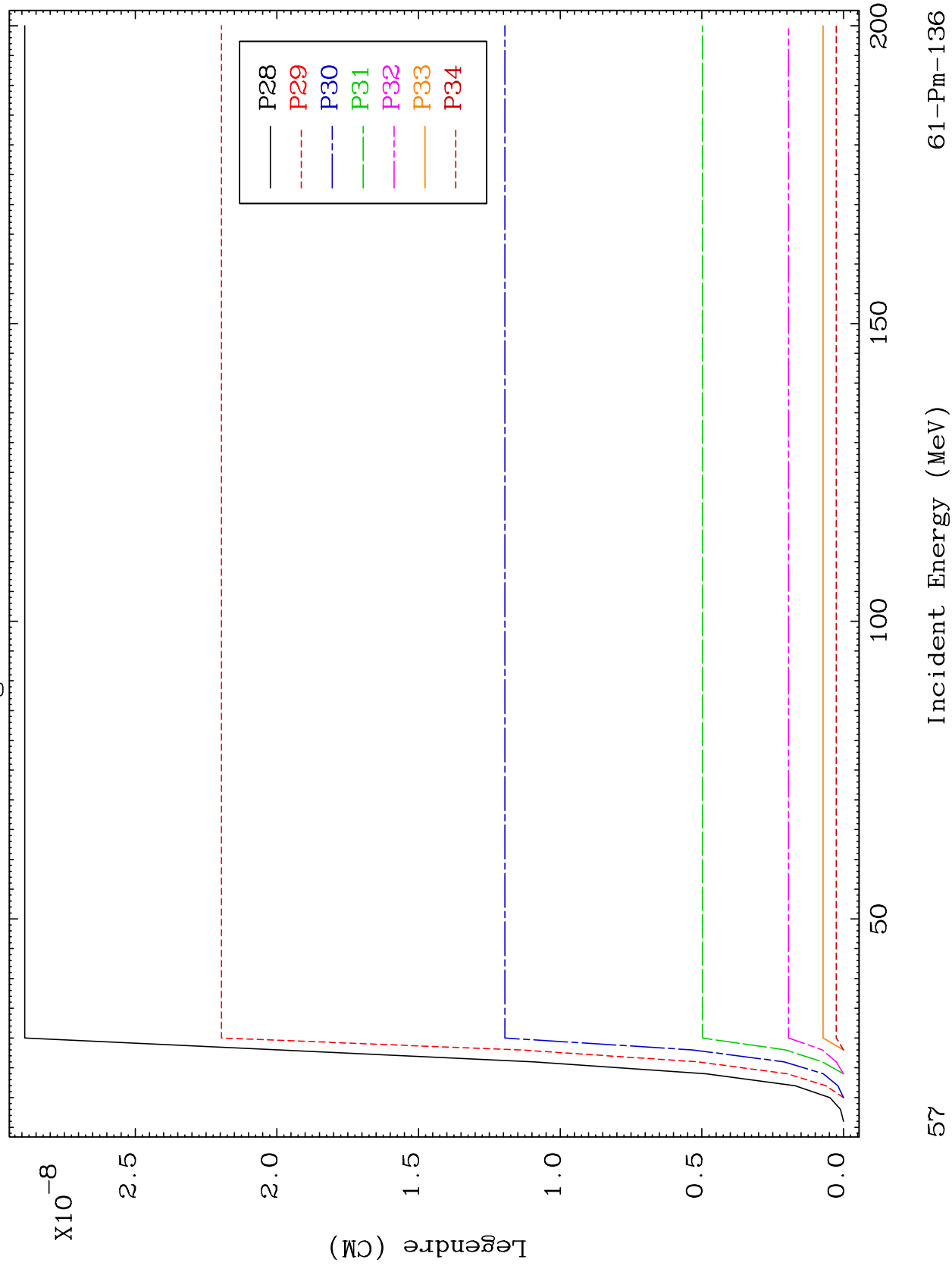




MAT 6116

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

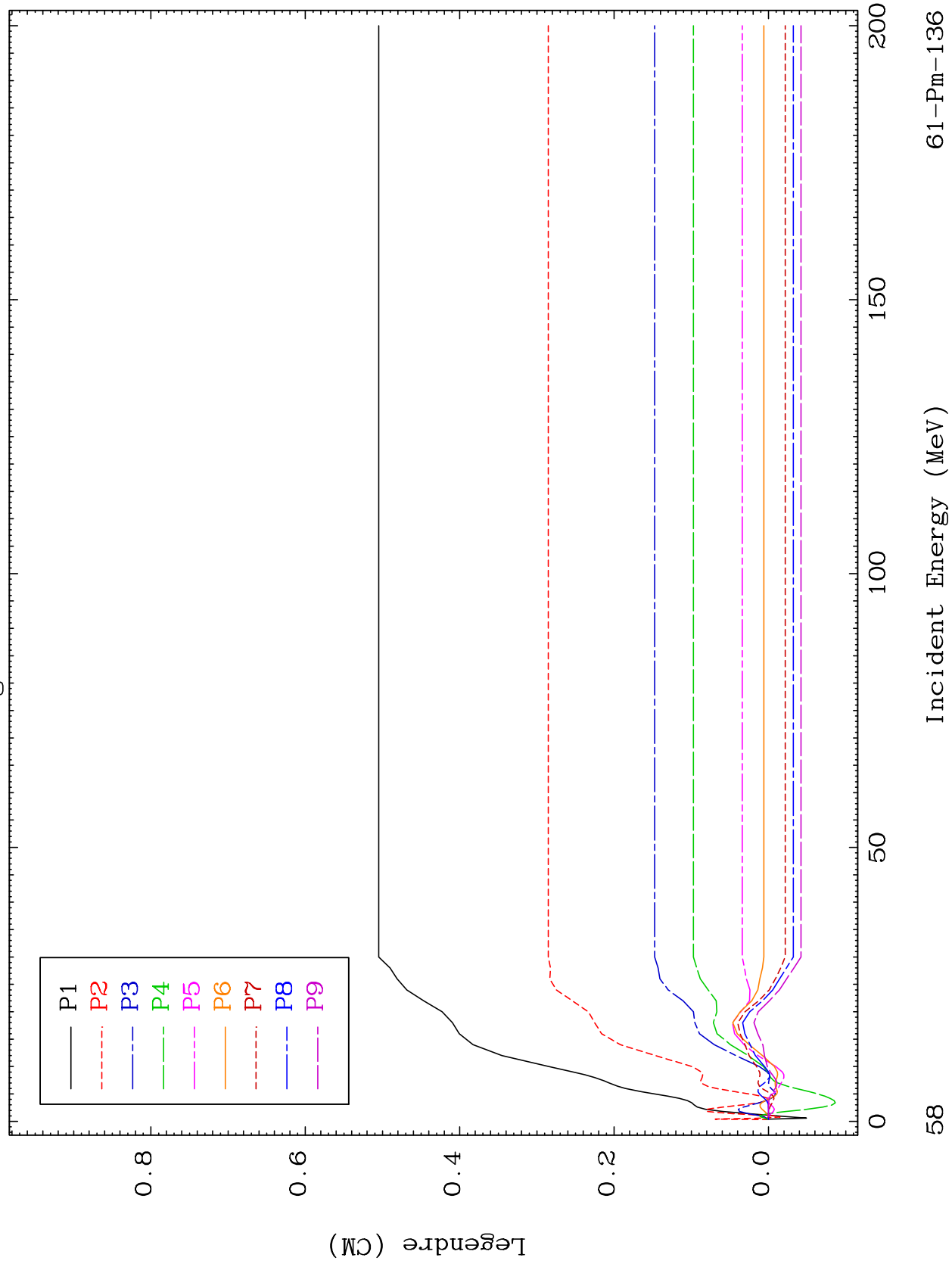
61-Pm-136

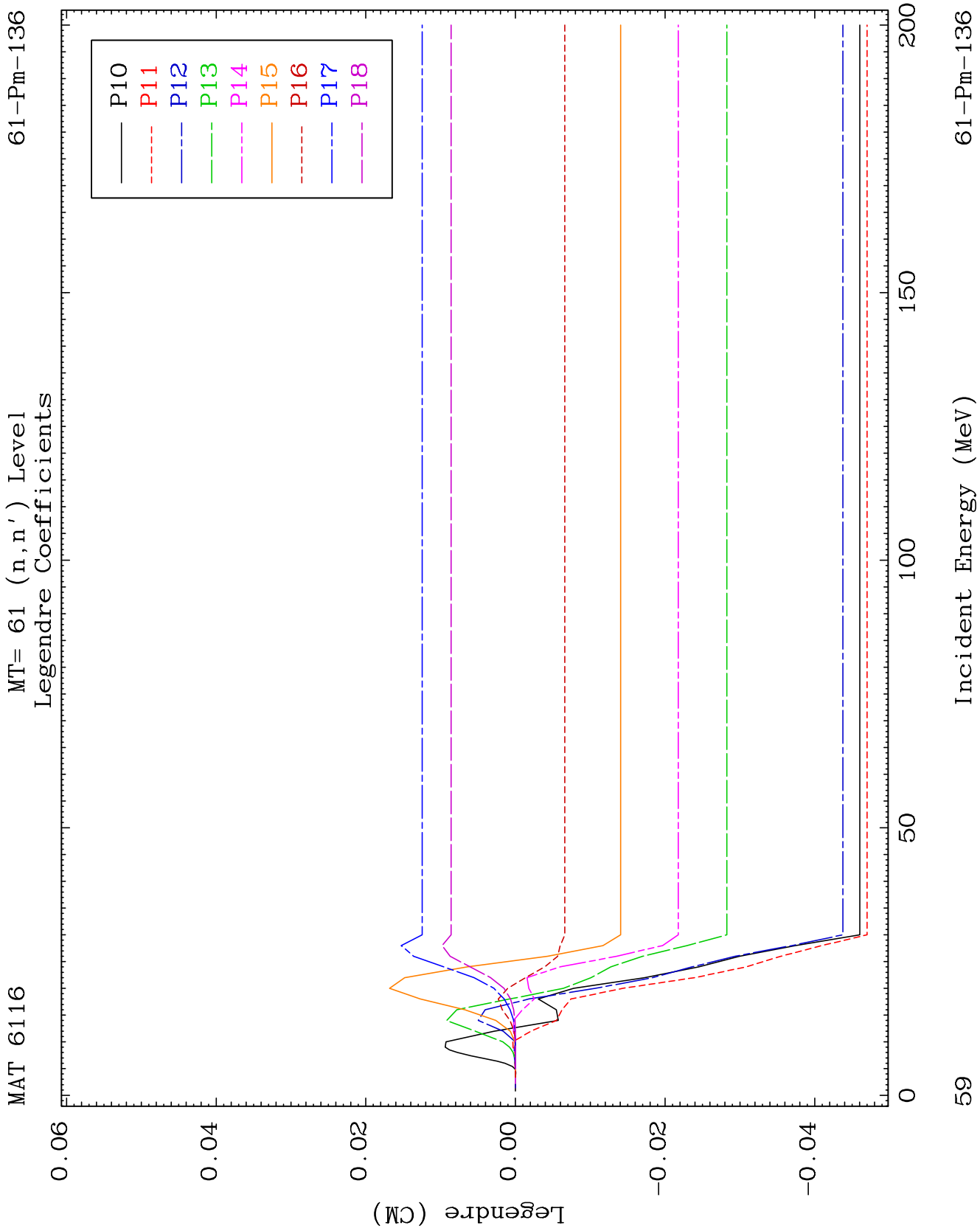


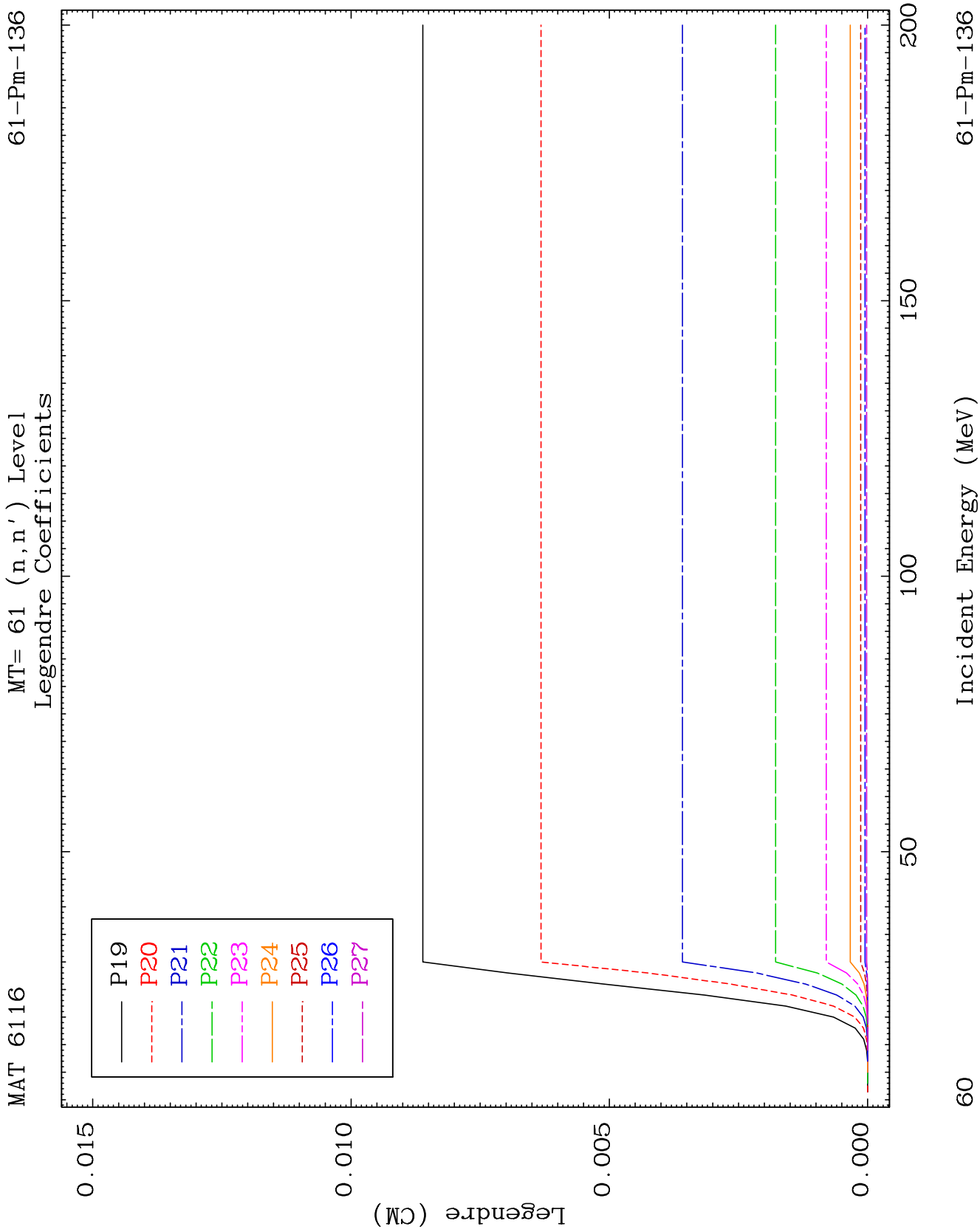
MAT 6116

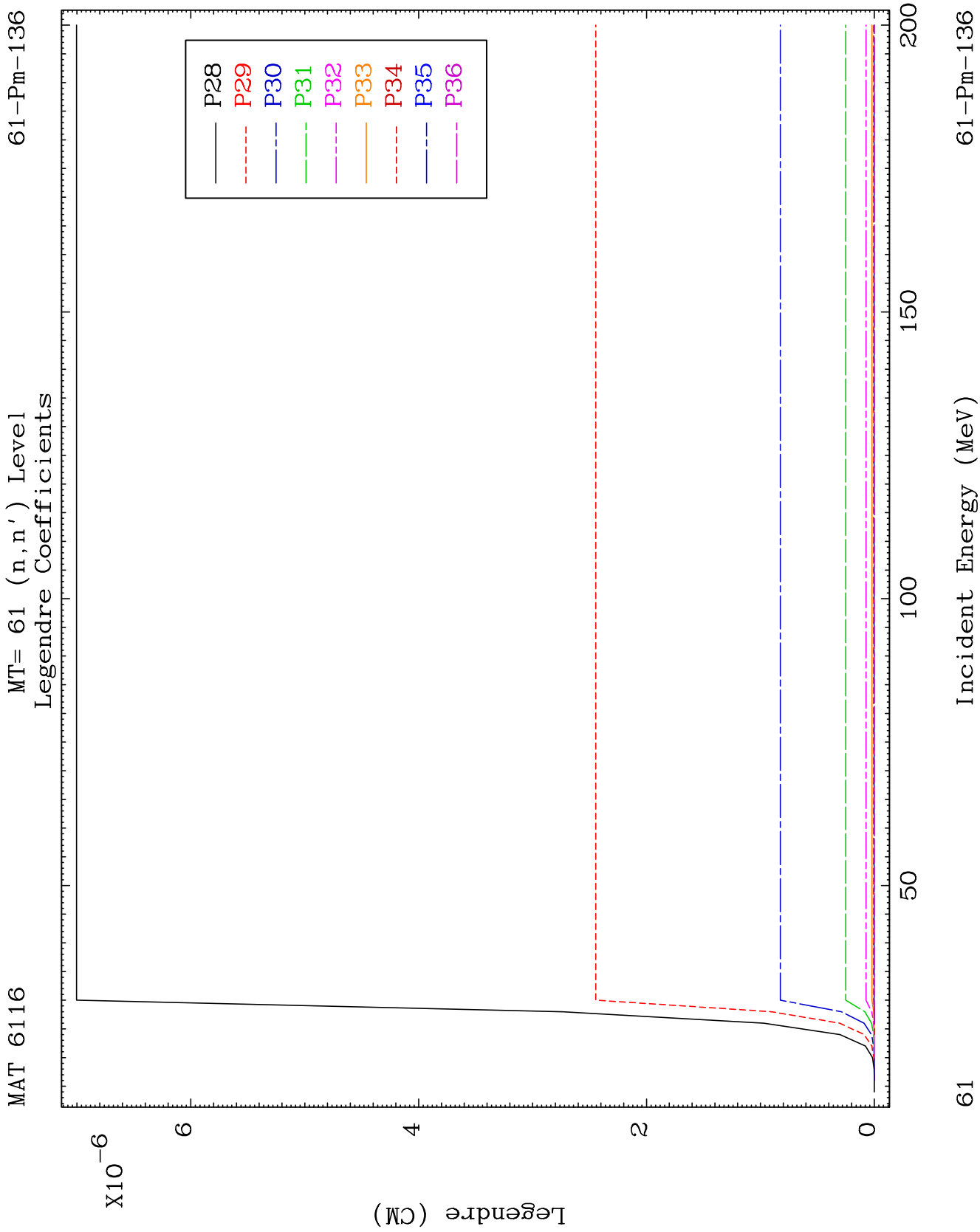
MT= 61 (n, n') Level
Legendre Coefficients

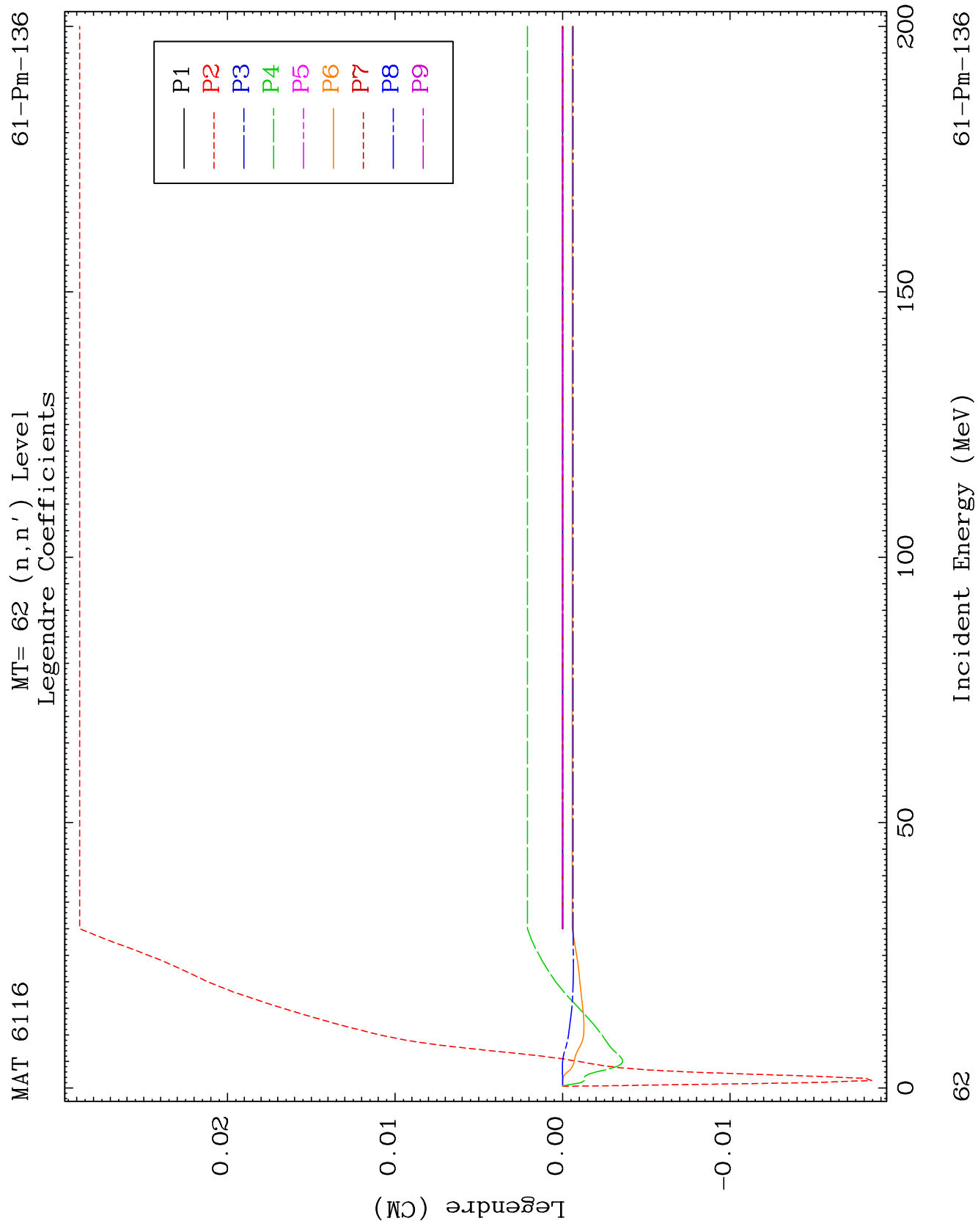
61-Pm-136







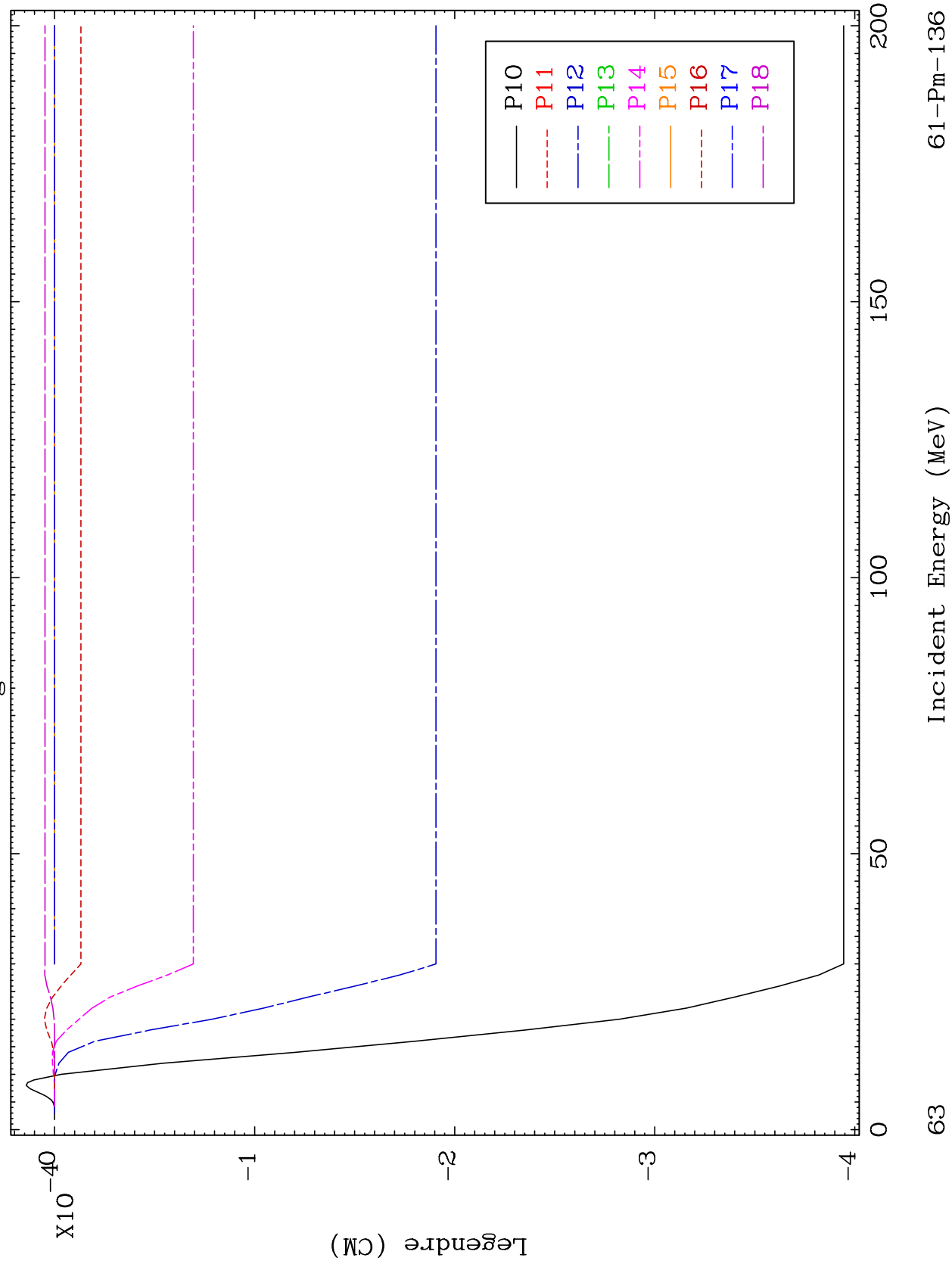




MAT 6116

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

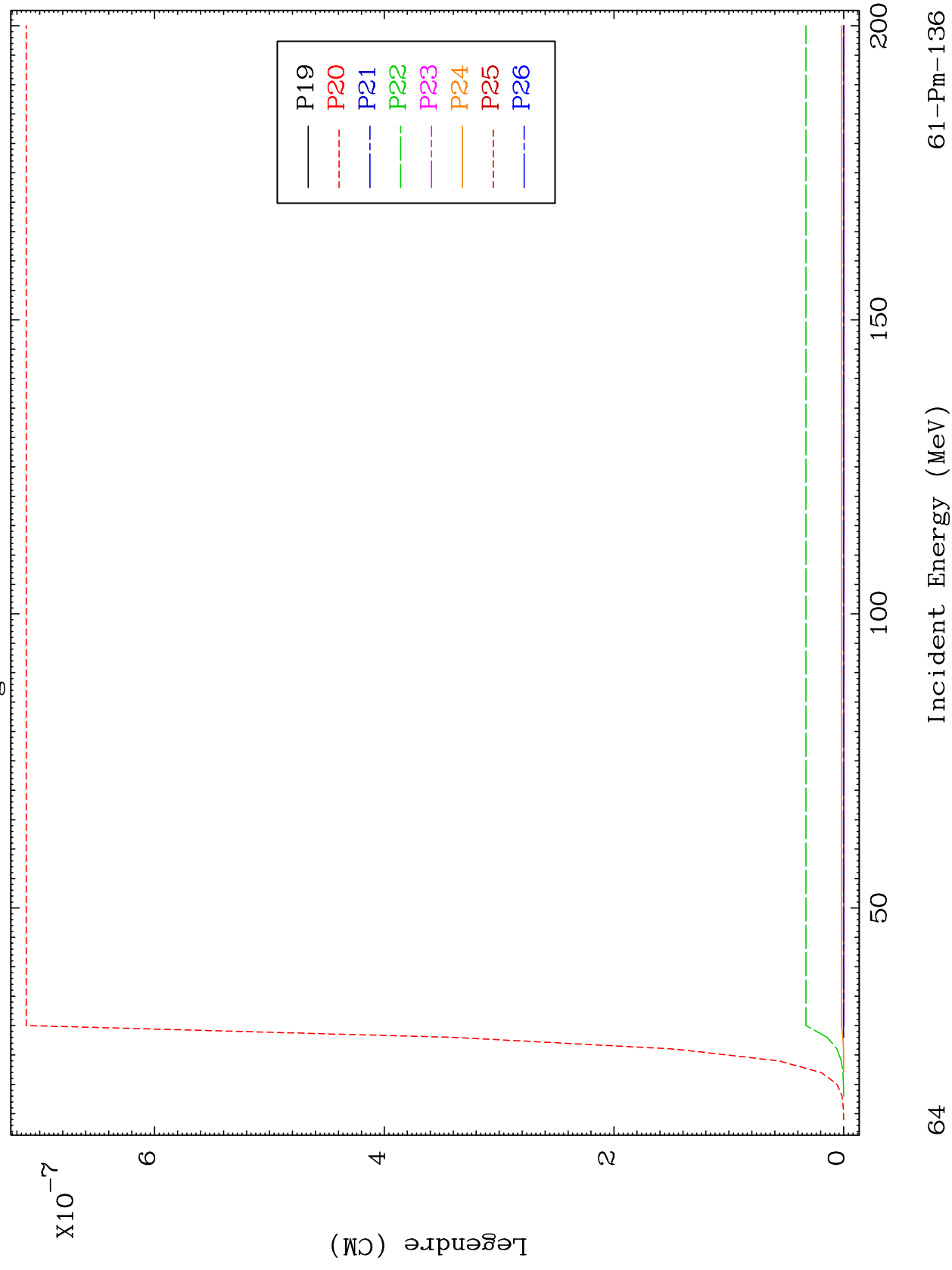
61-Pm-136

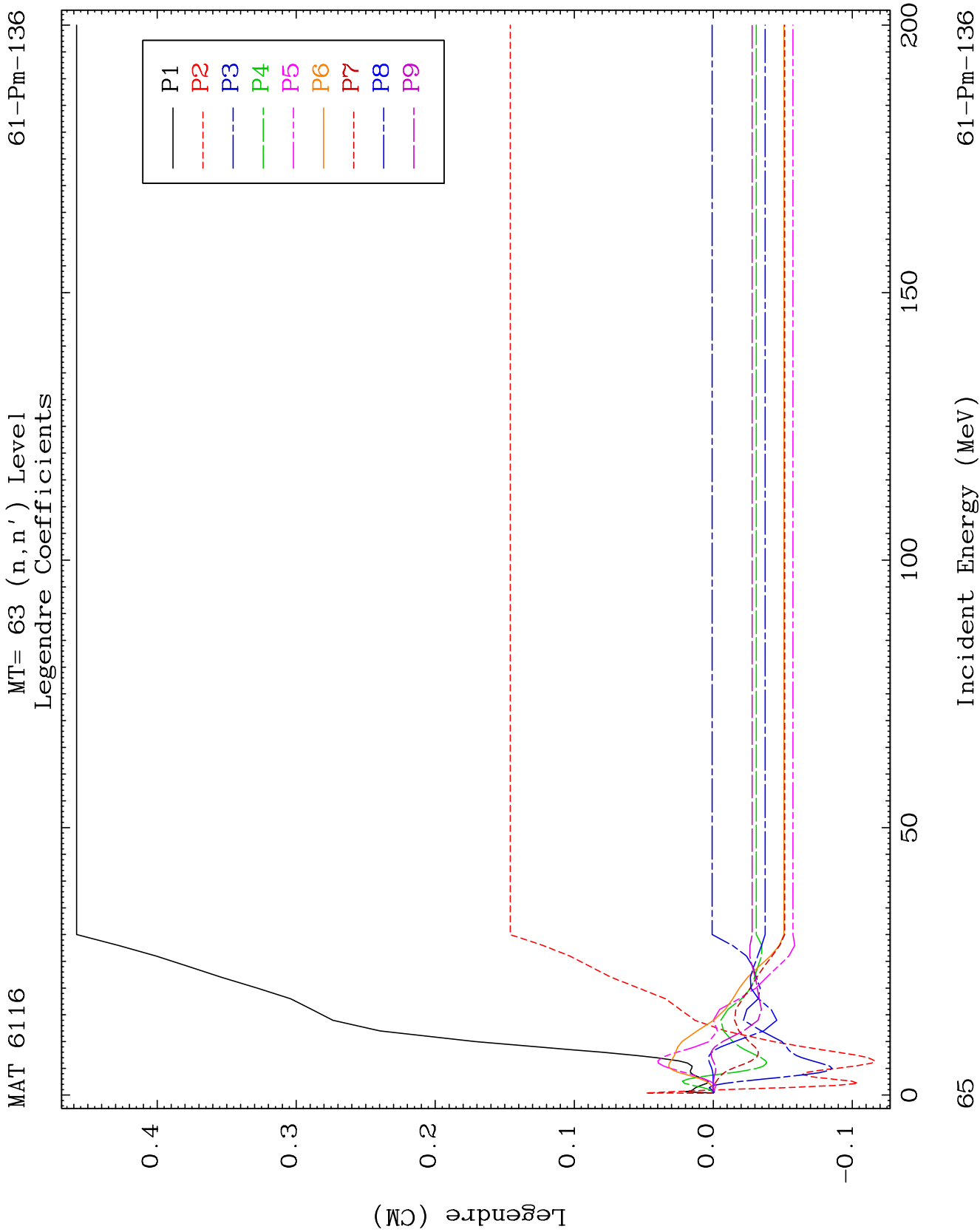


MAT 6116

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

61-Pm-136

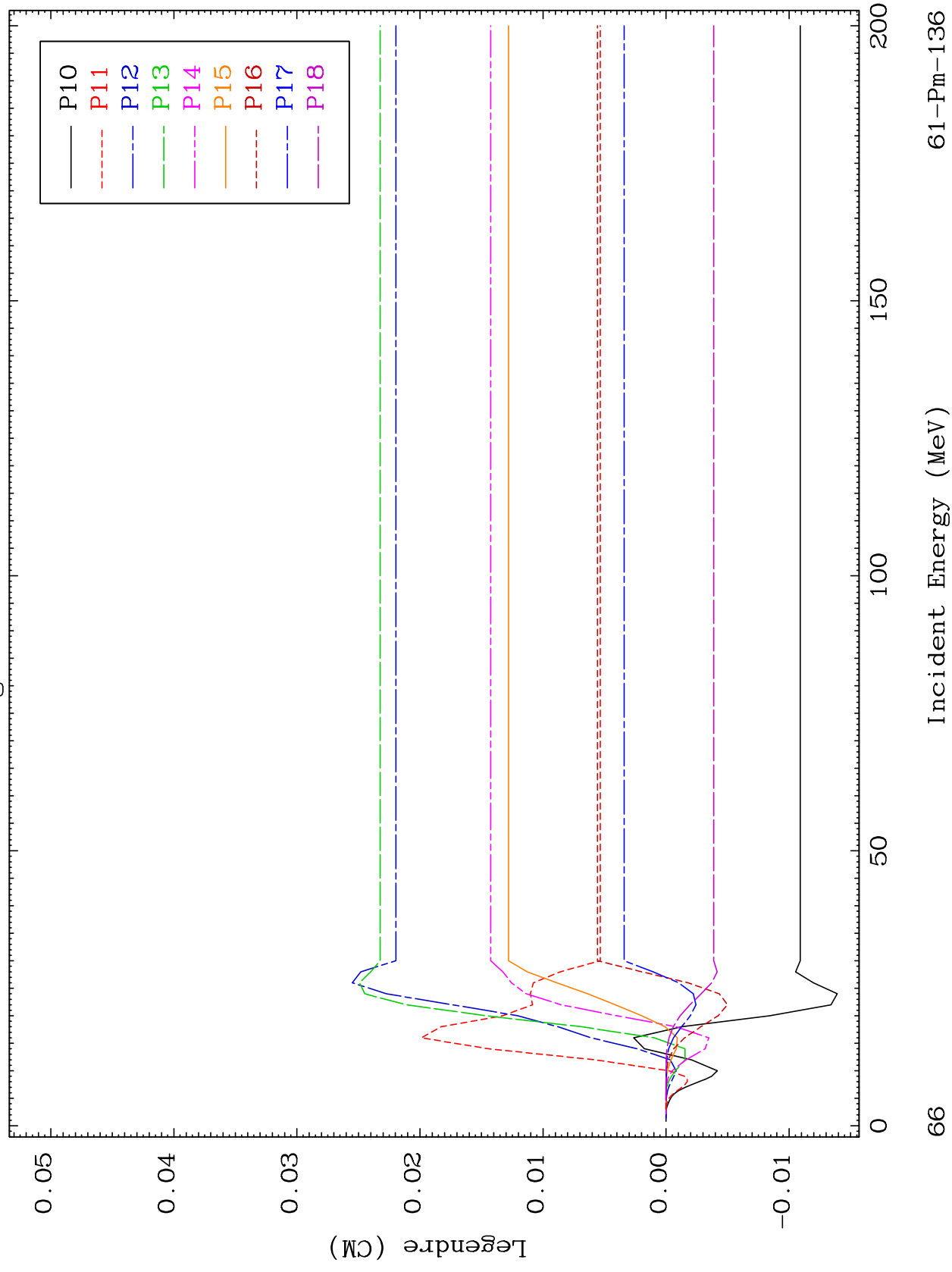


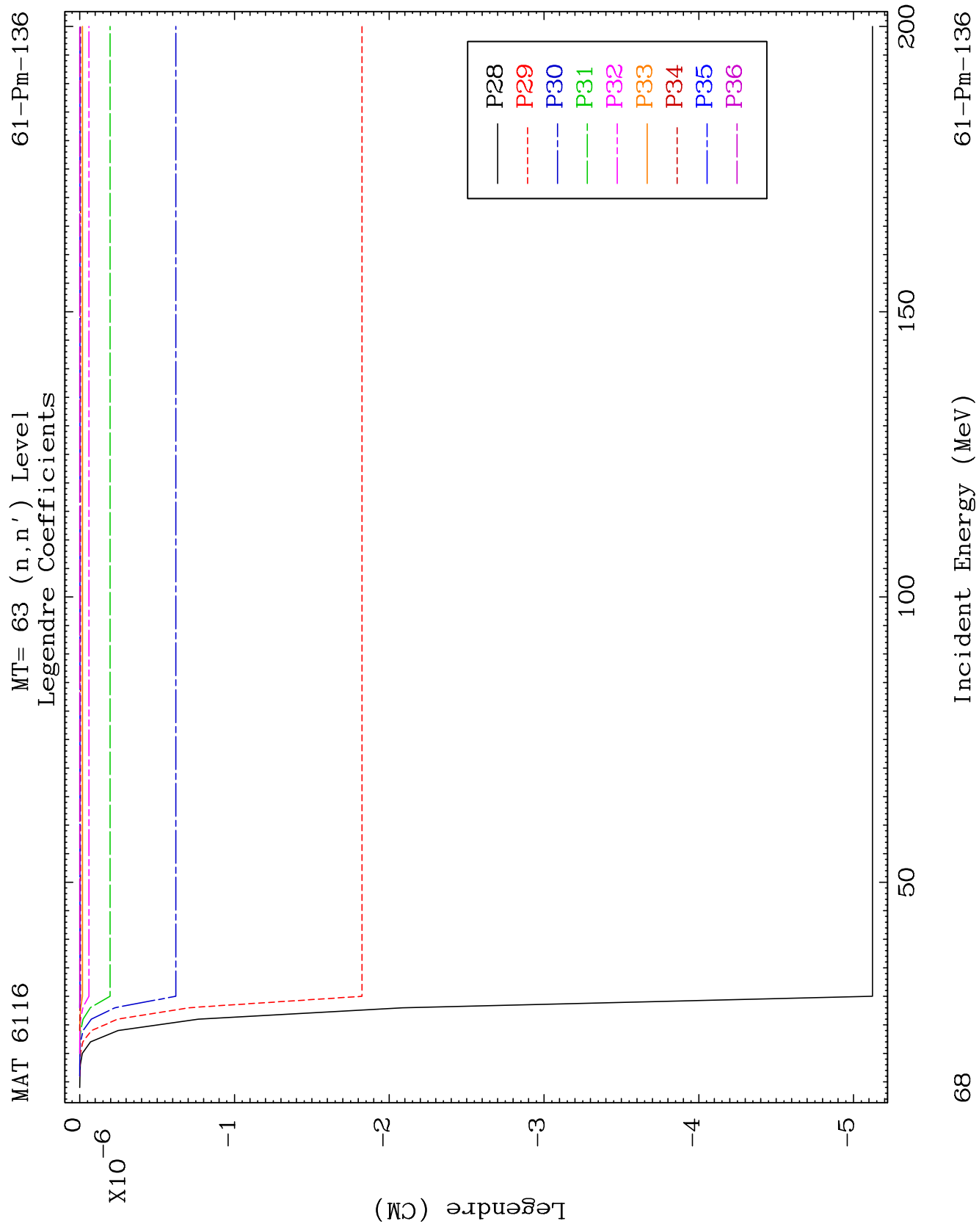


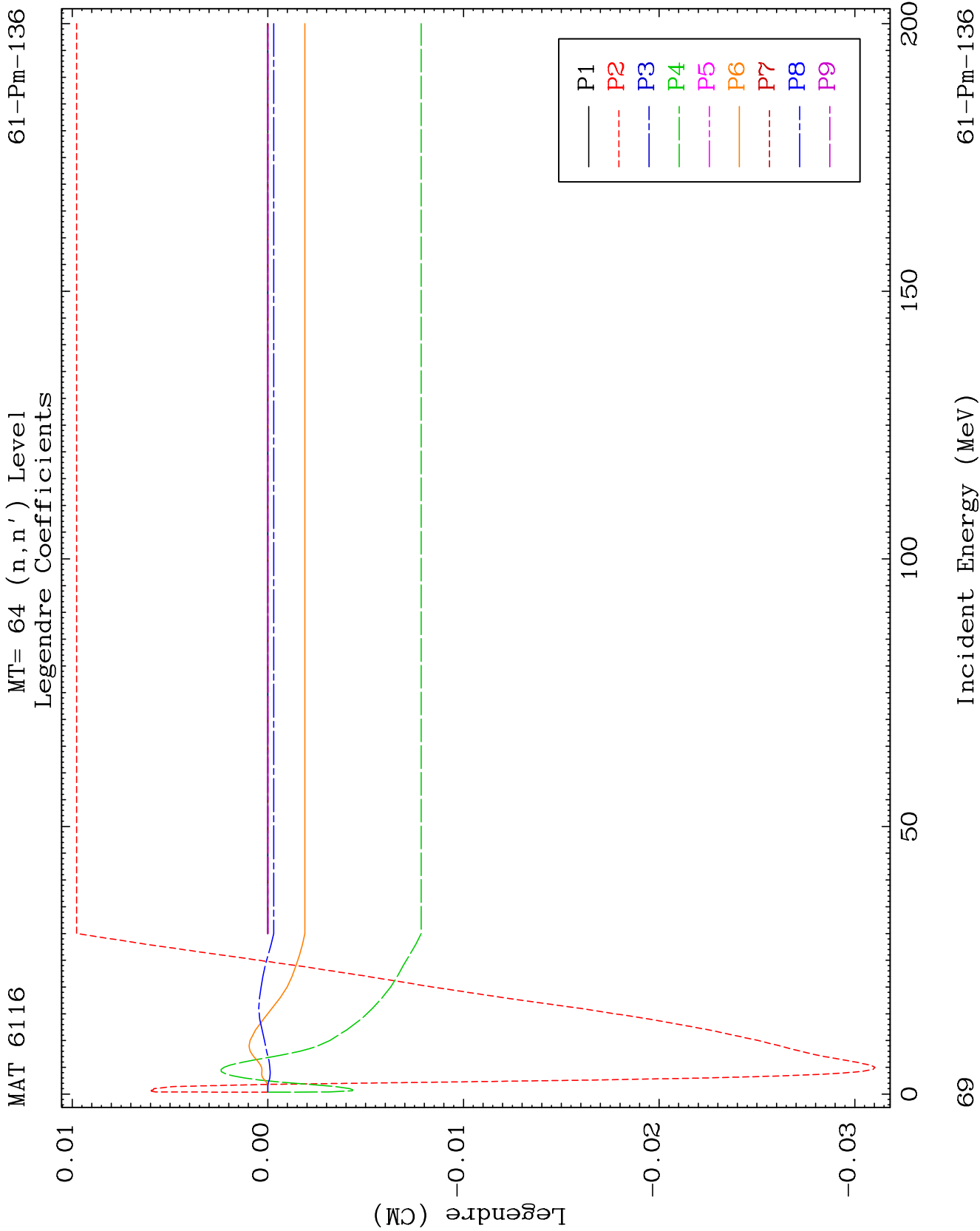
MAT 6116

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

61-Pm-136



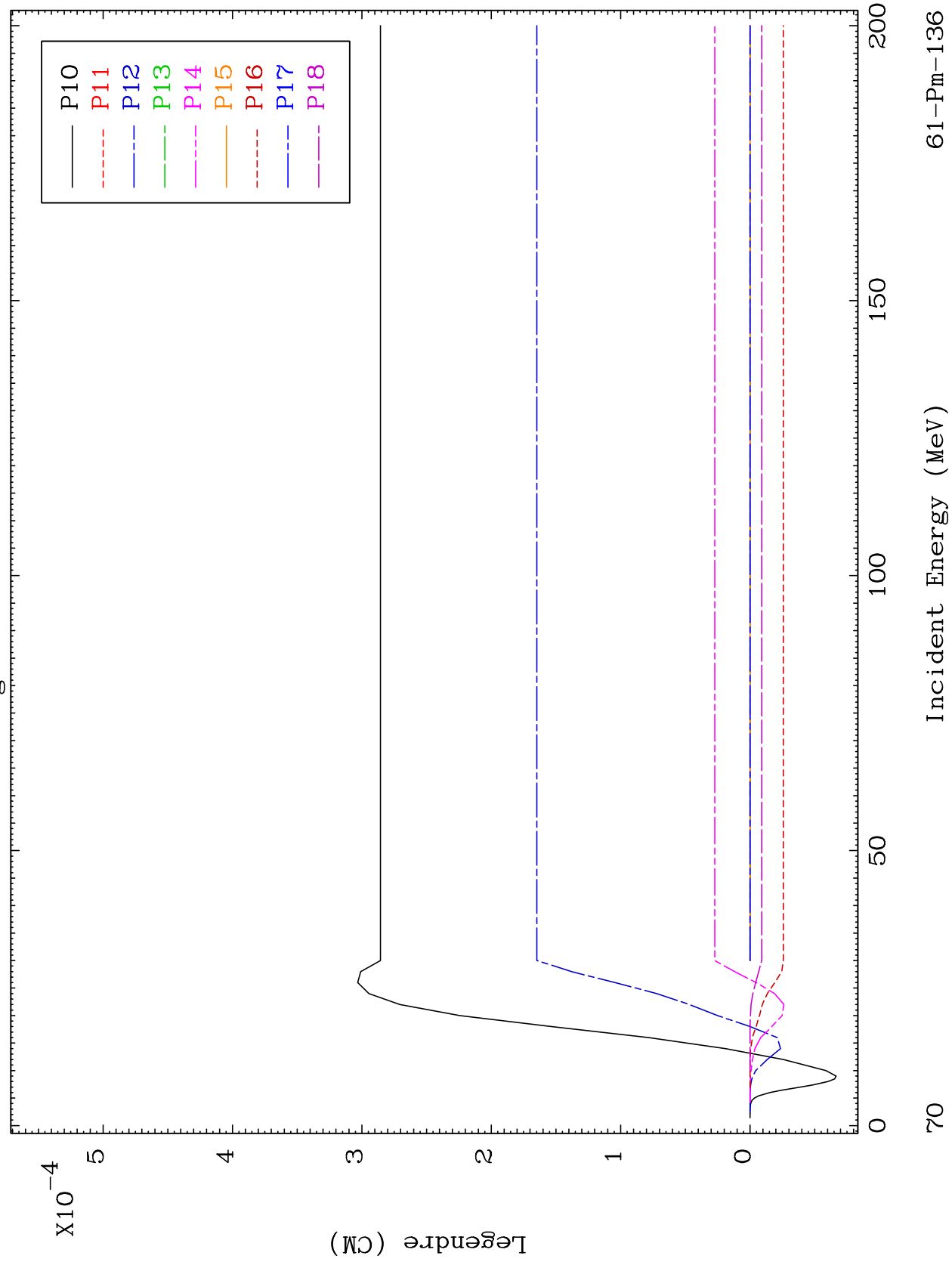


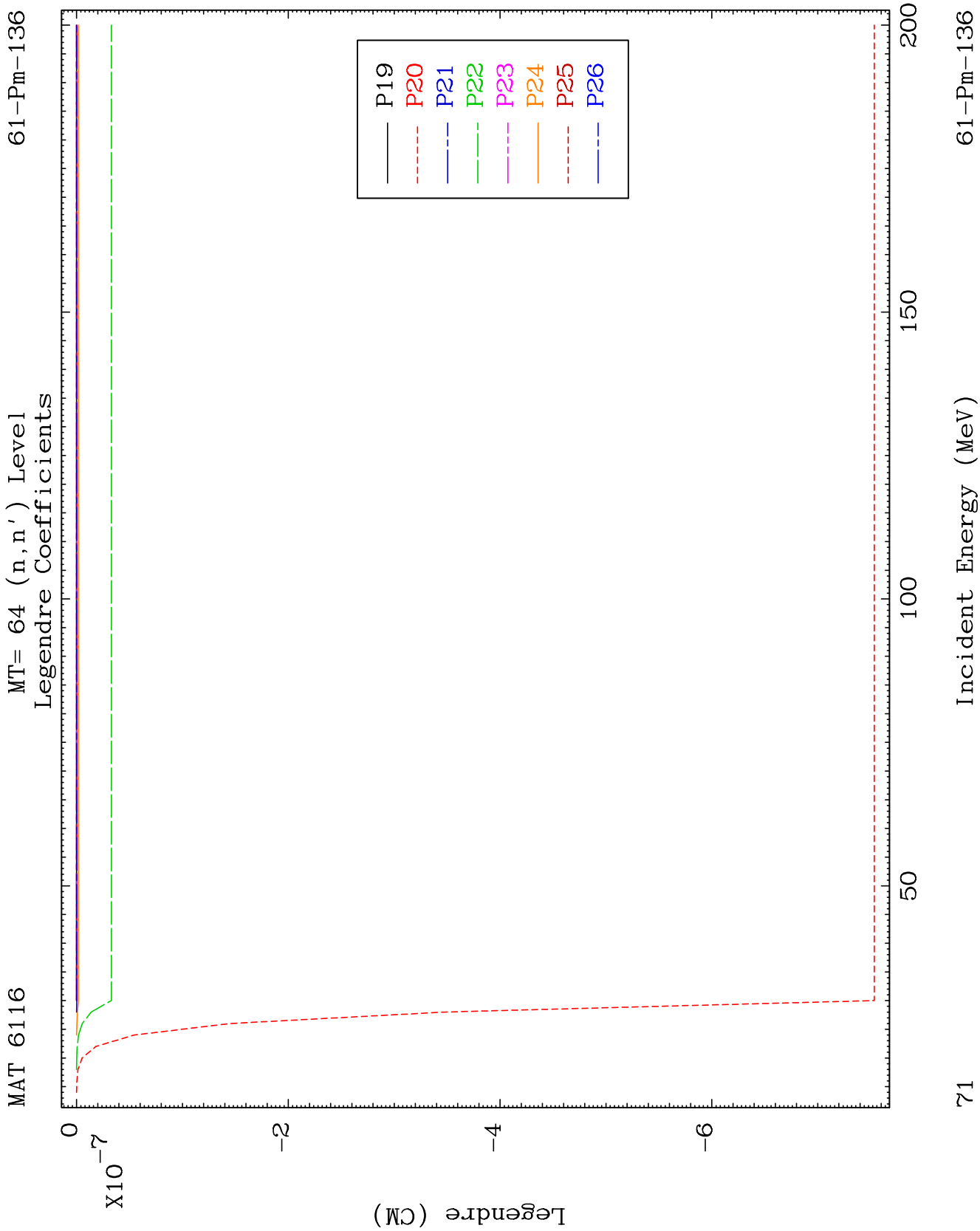


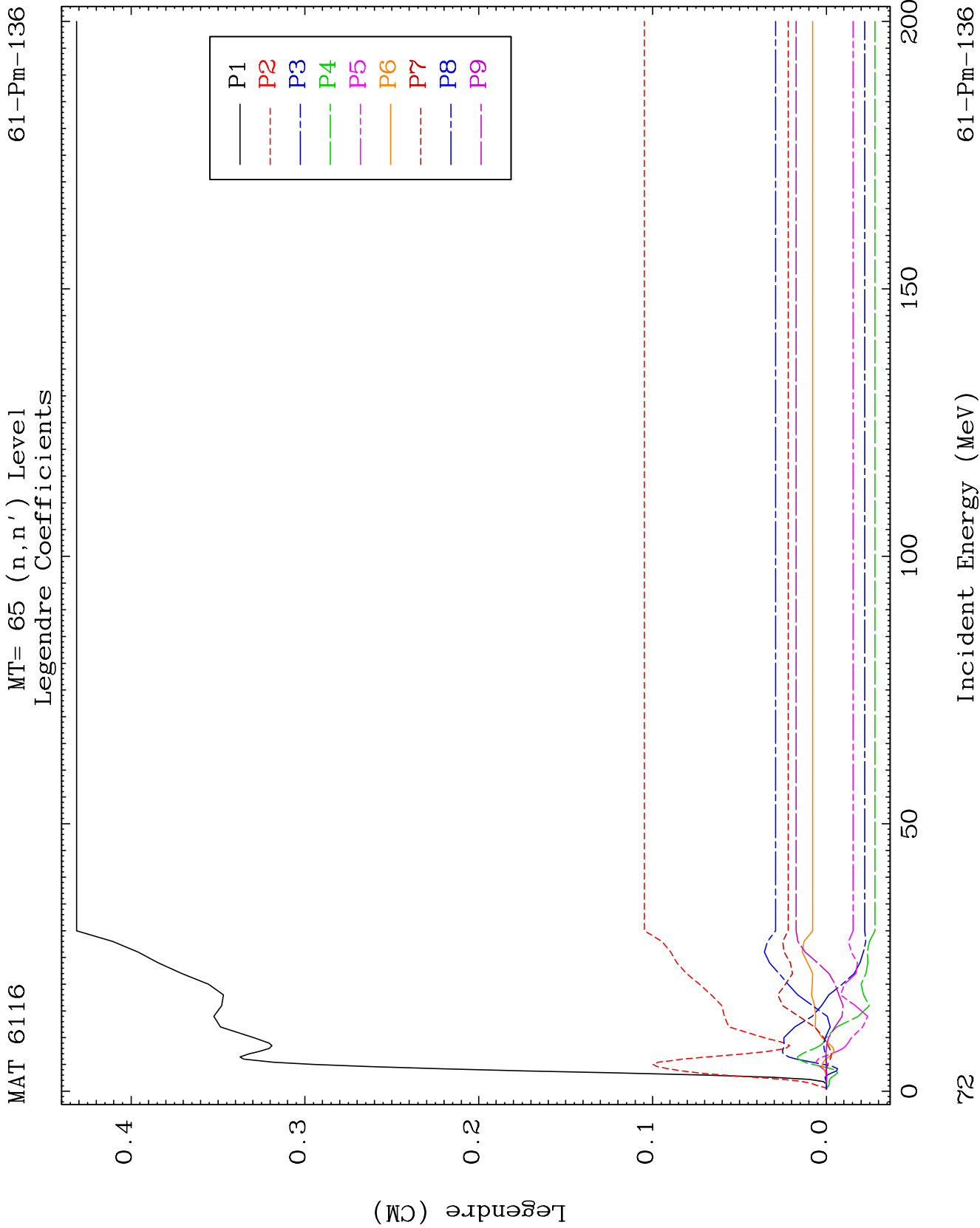
MAT 6116

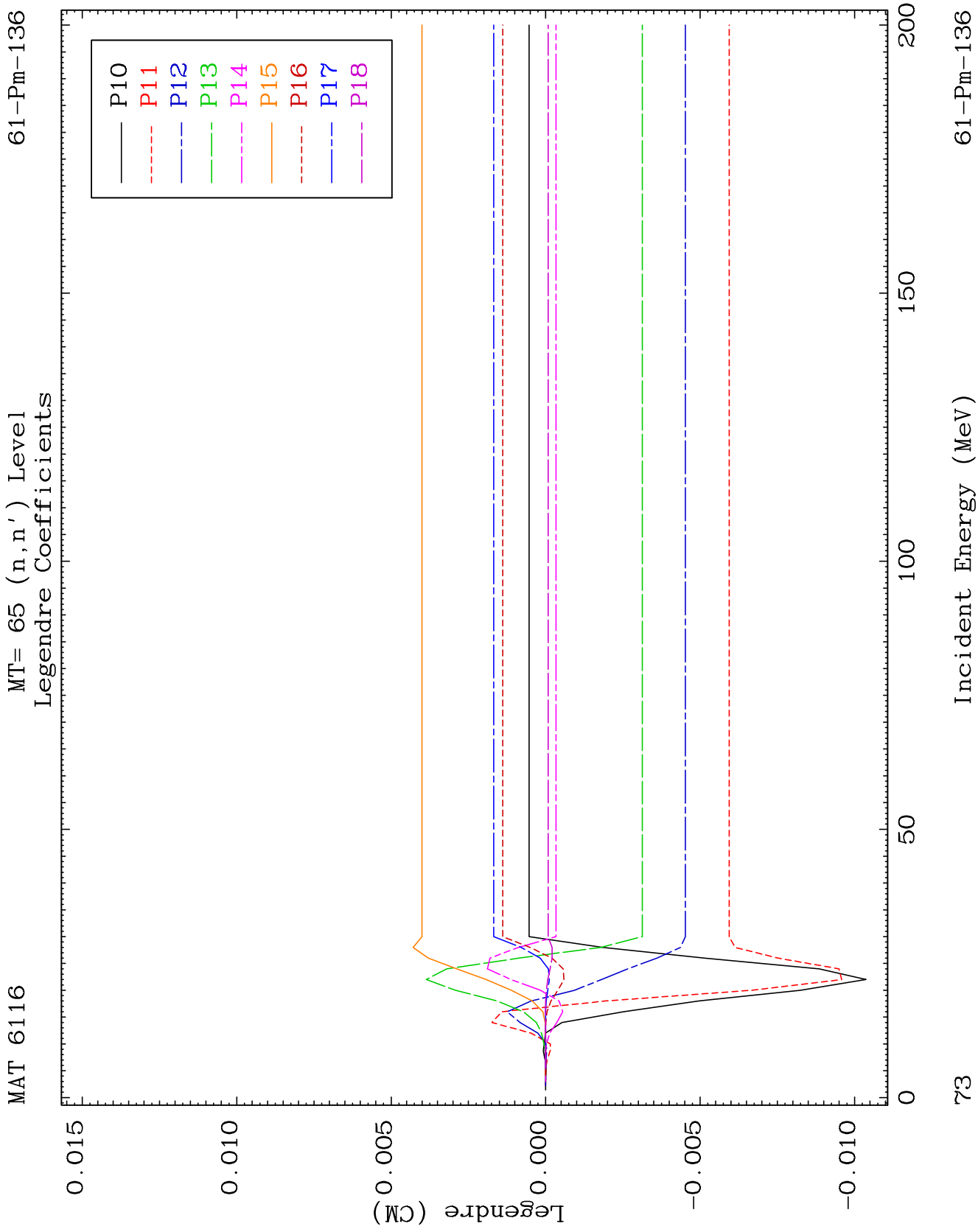
MT= 64 (n, n') Level
Legendre Coefficients

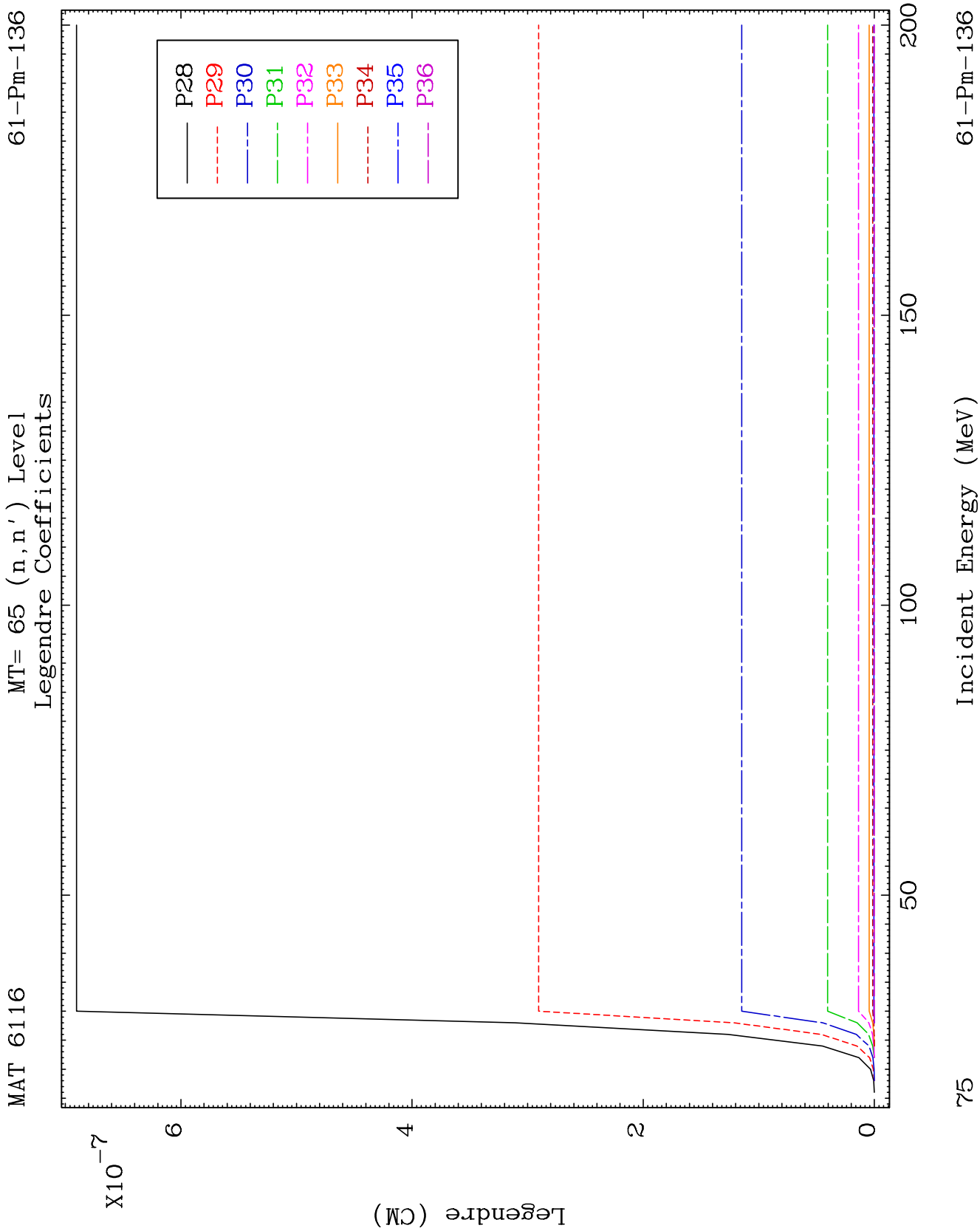
61-Pm-136

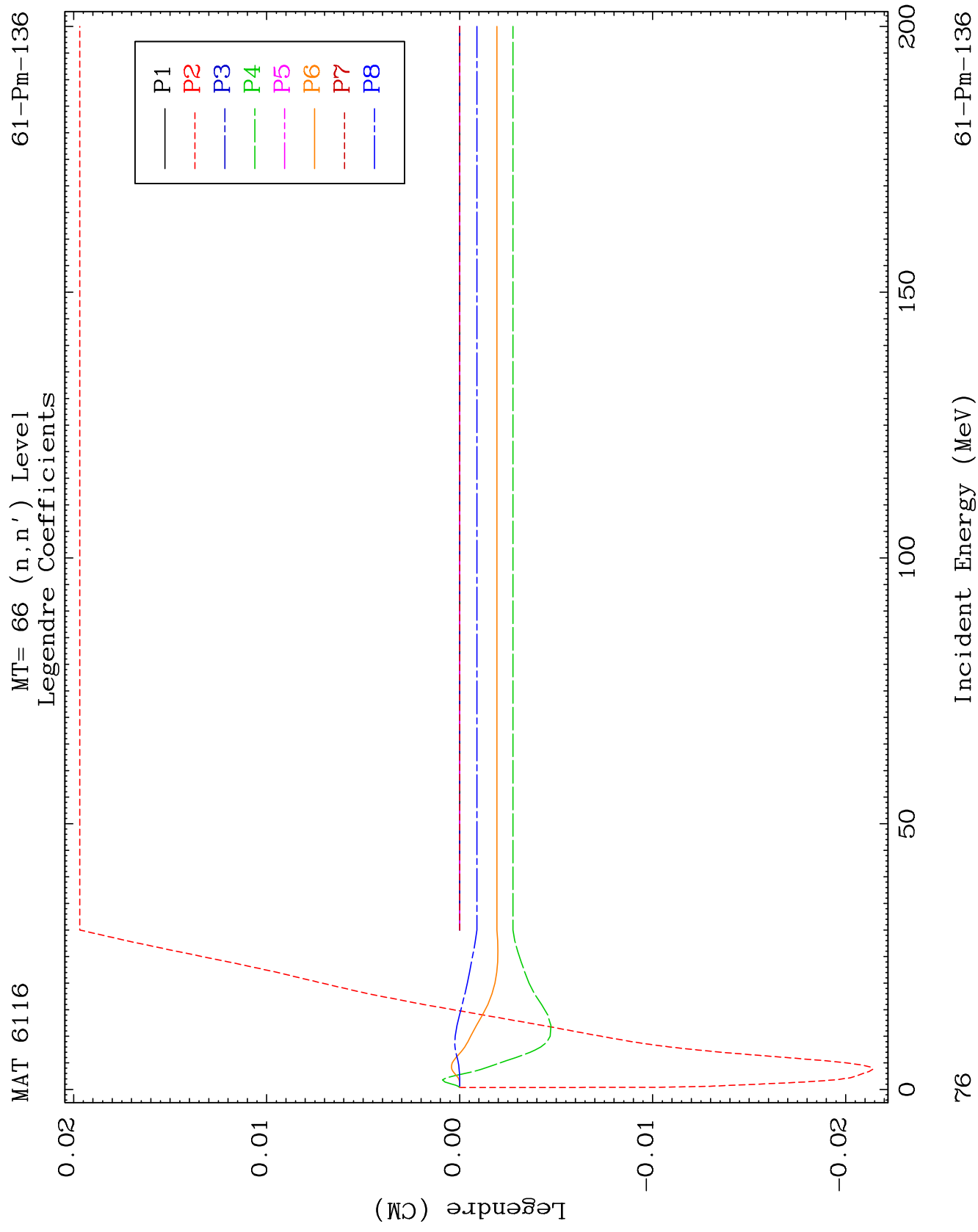


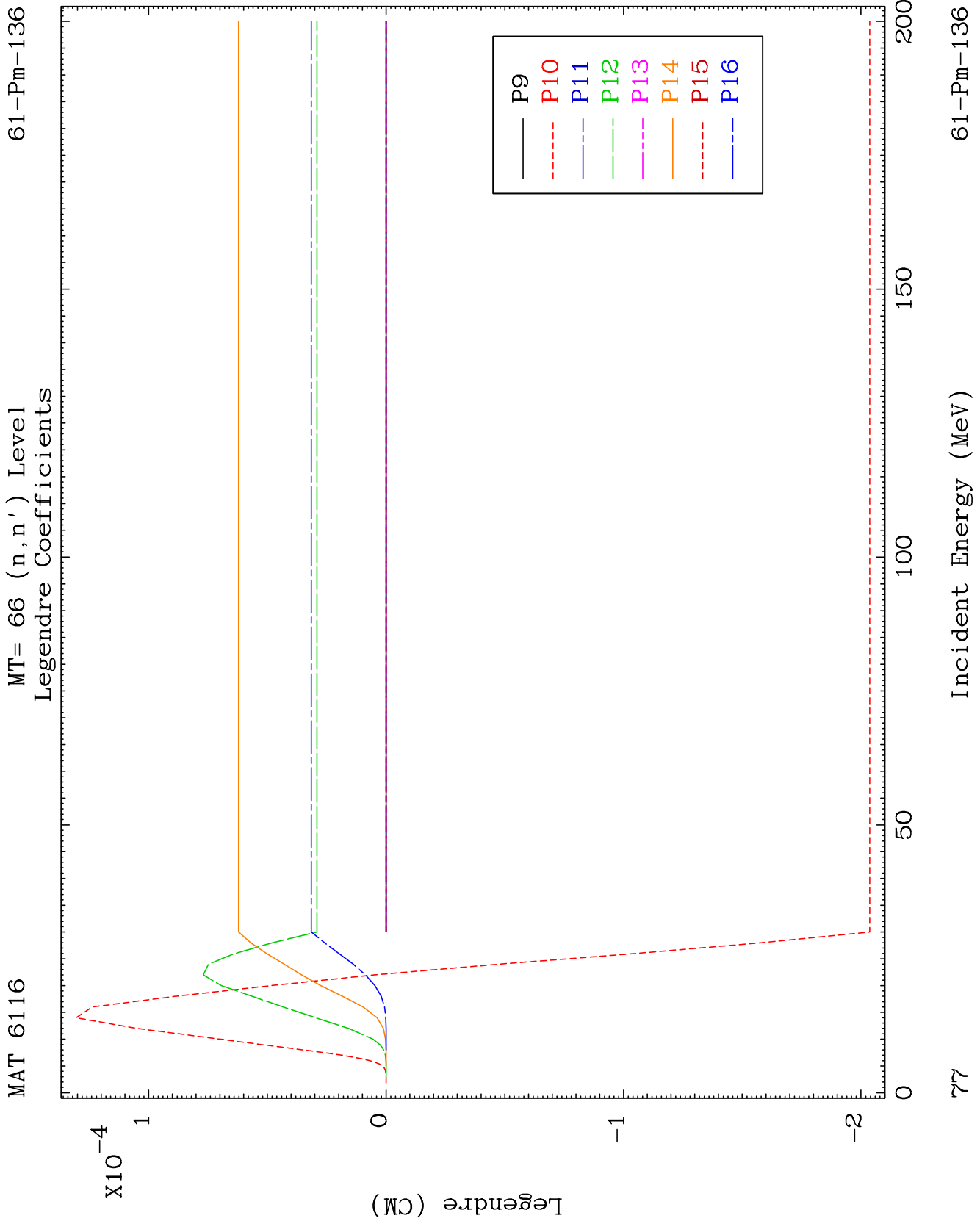


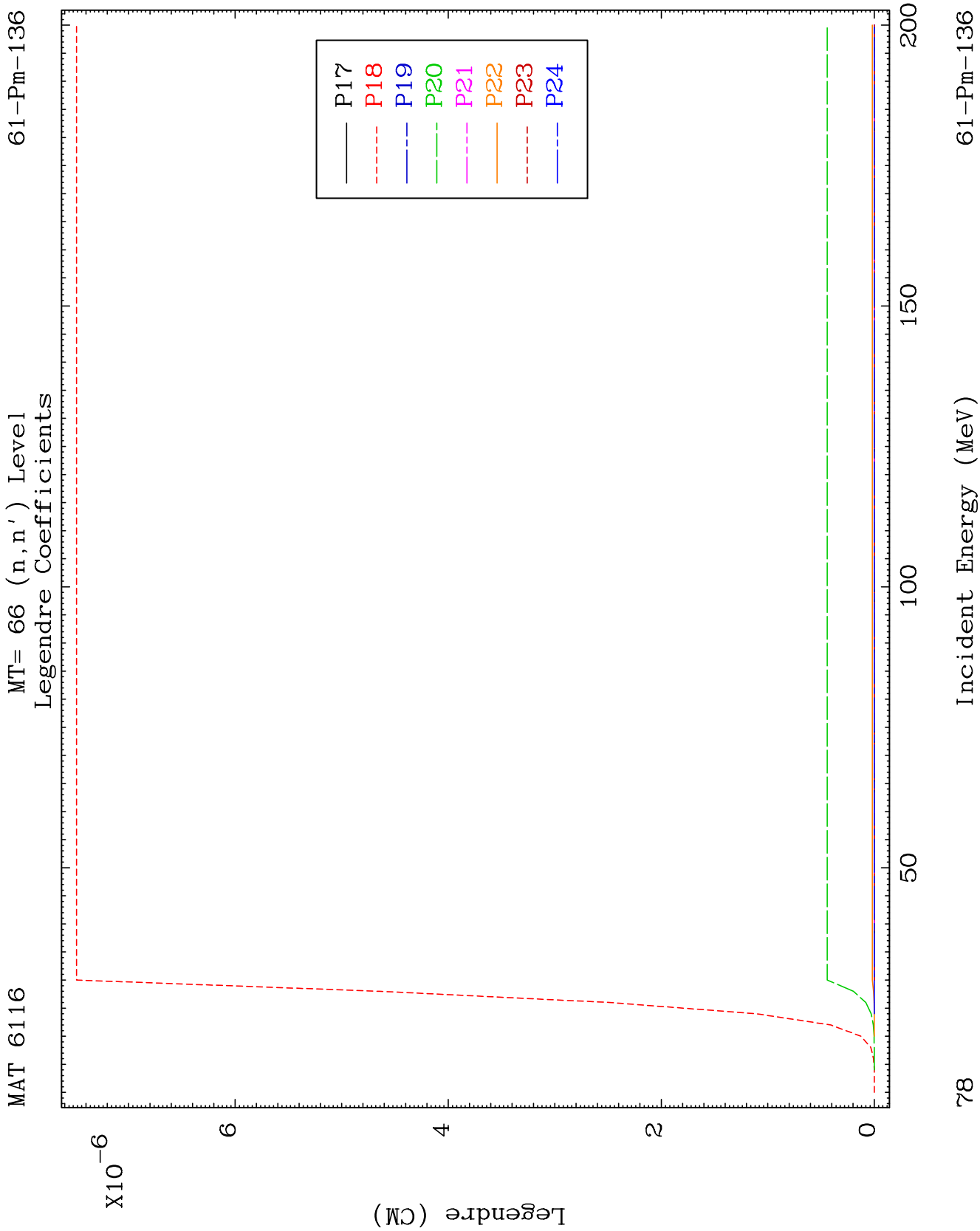


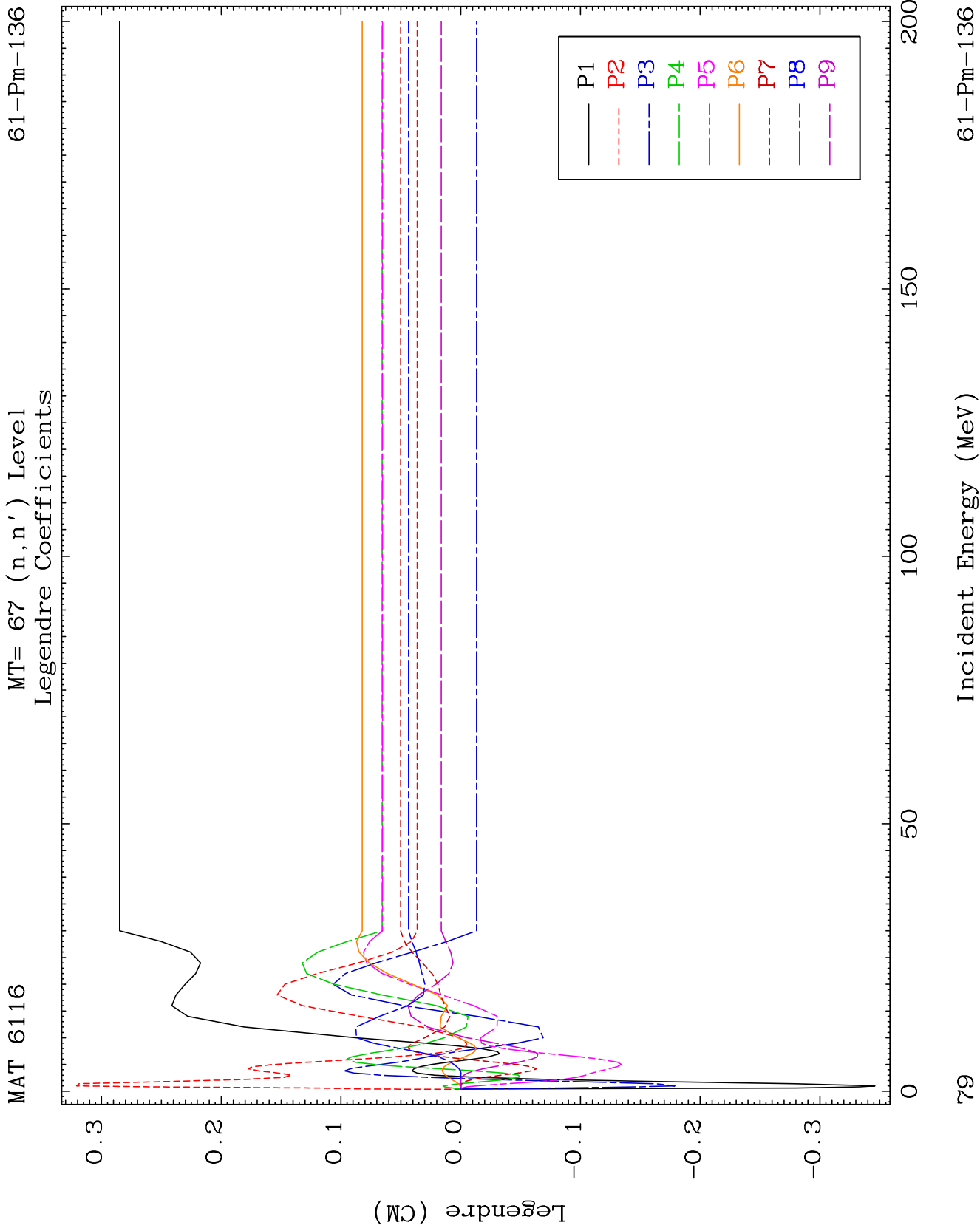


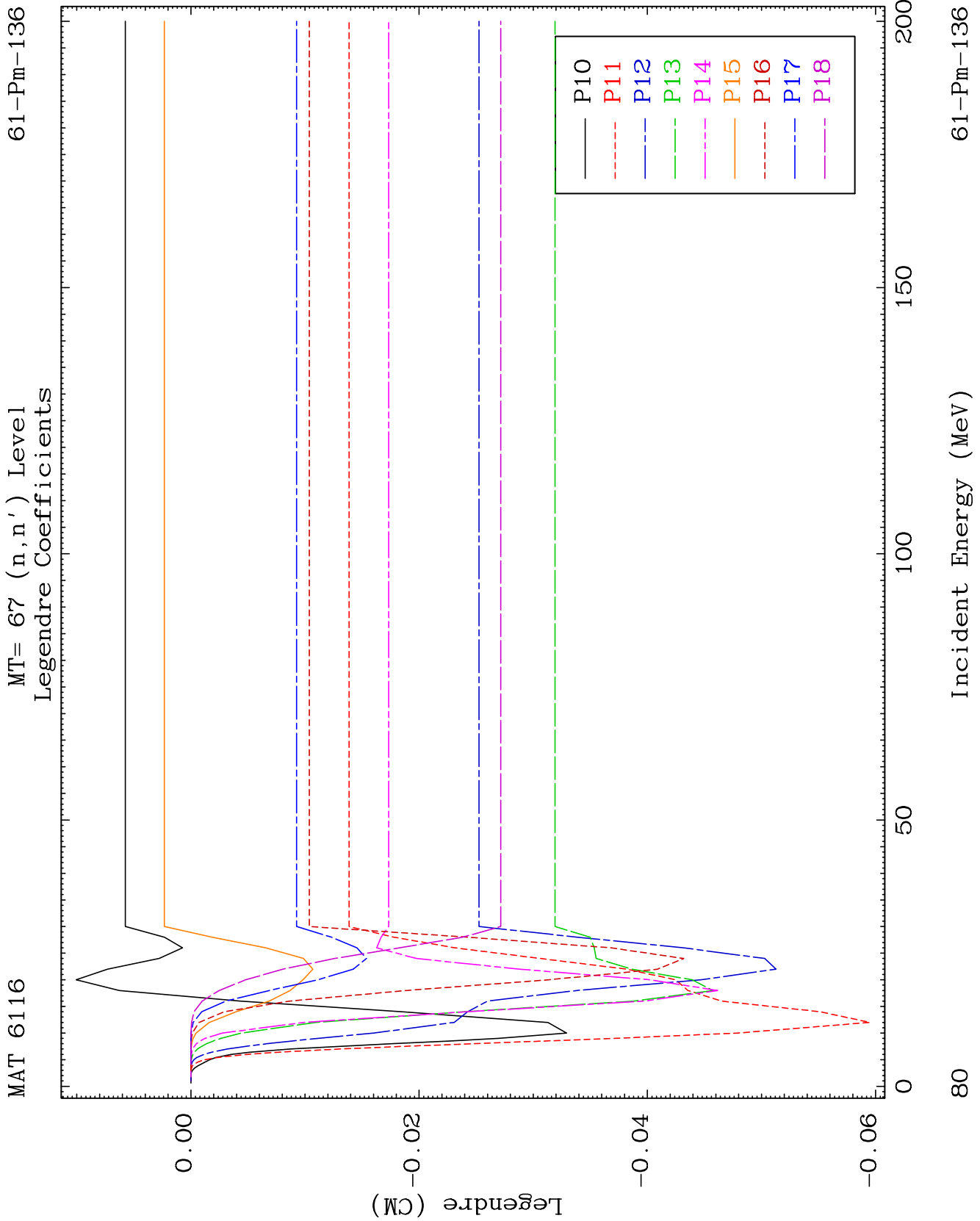


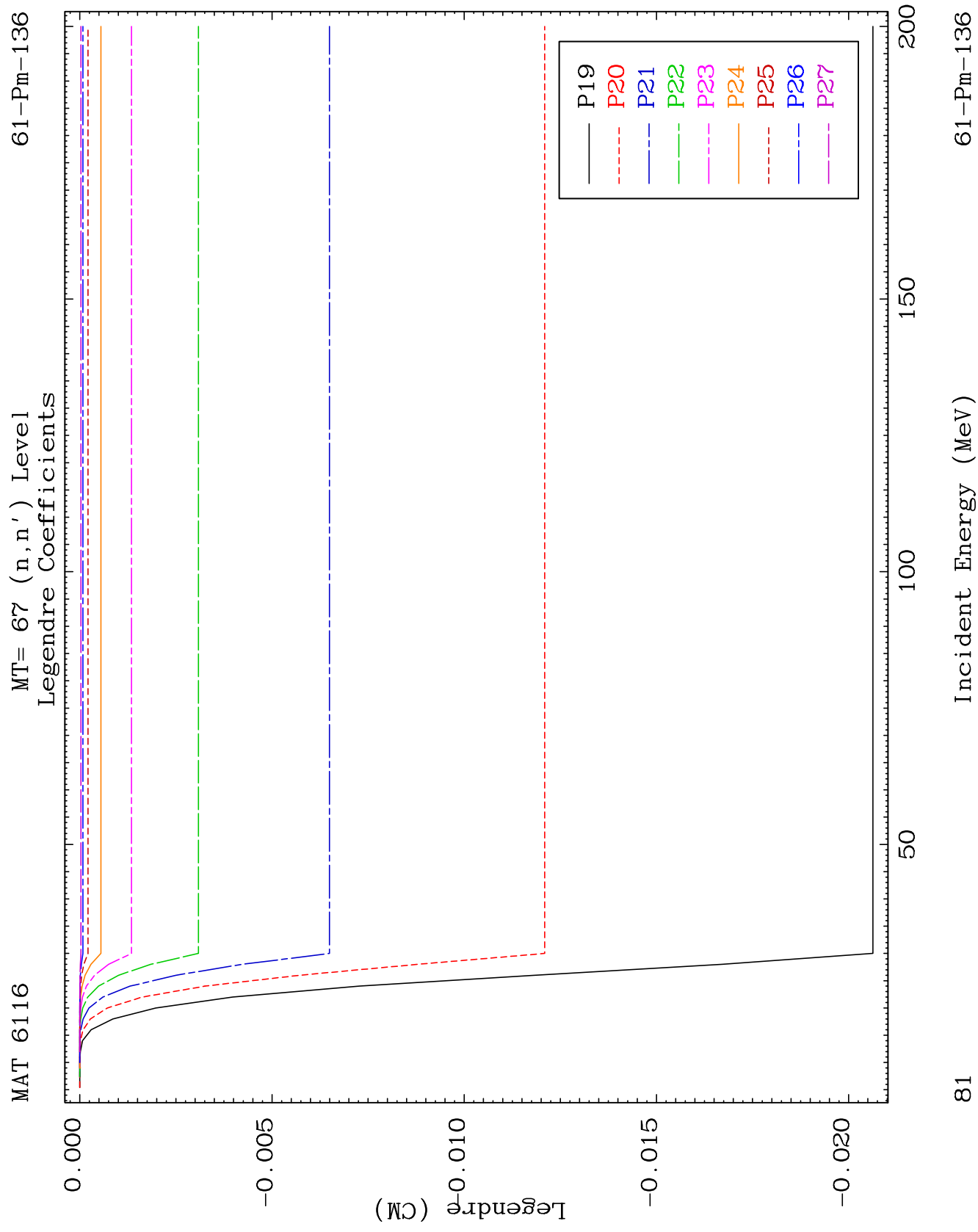


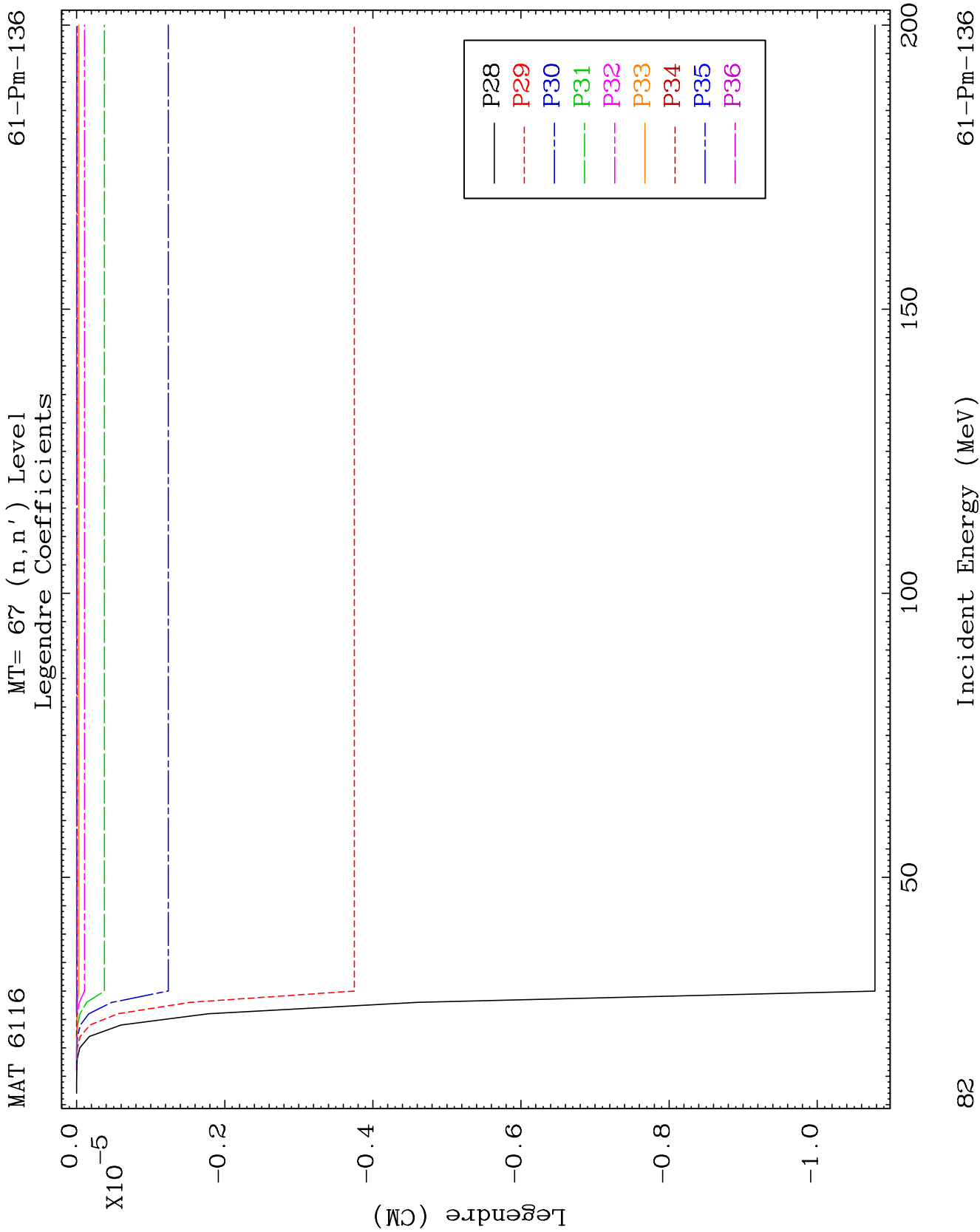








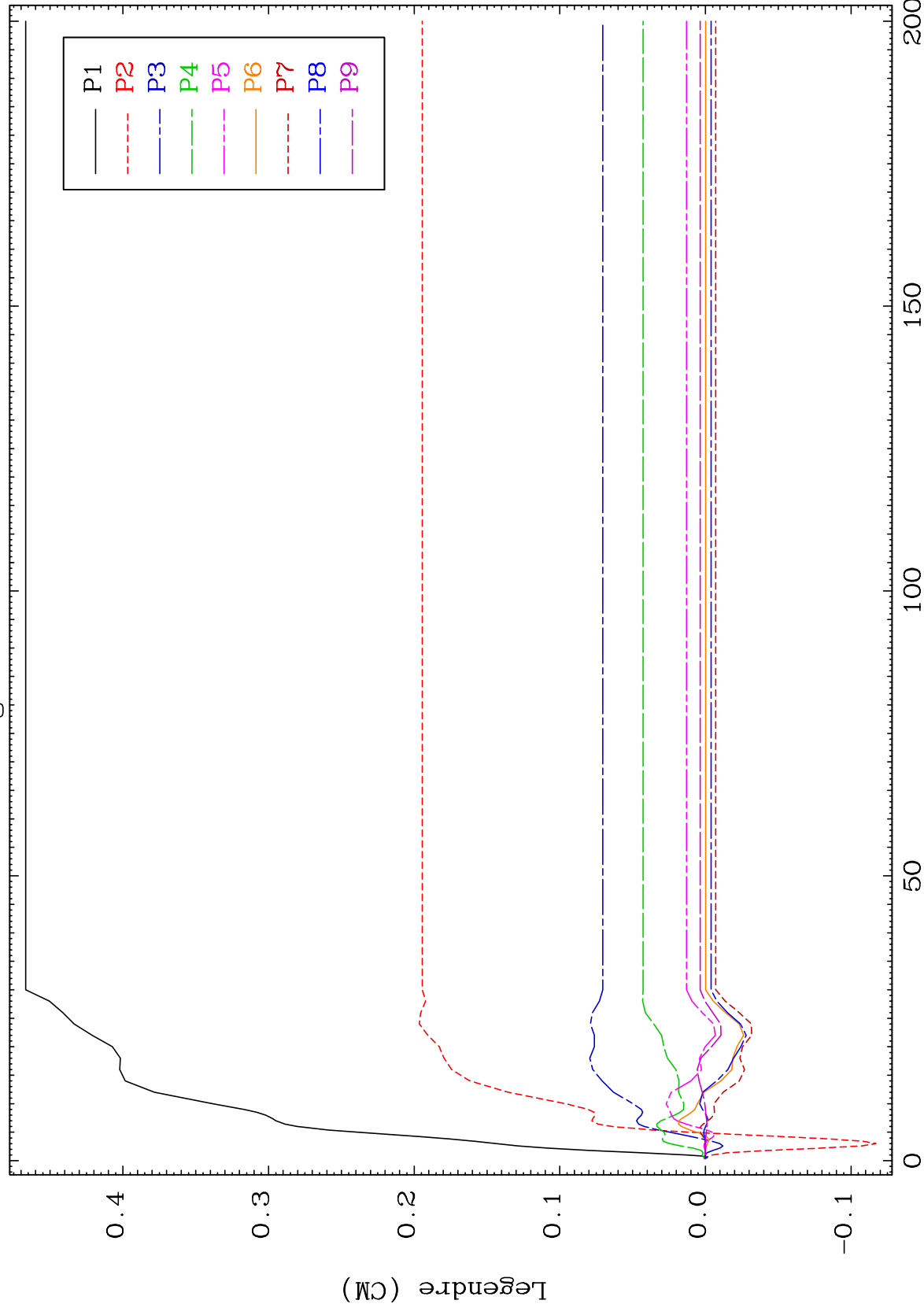




MAT 6116

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

61-Pm-136



38

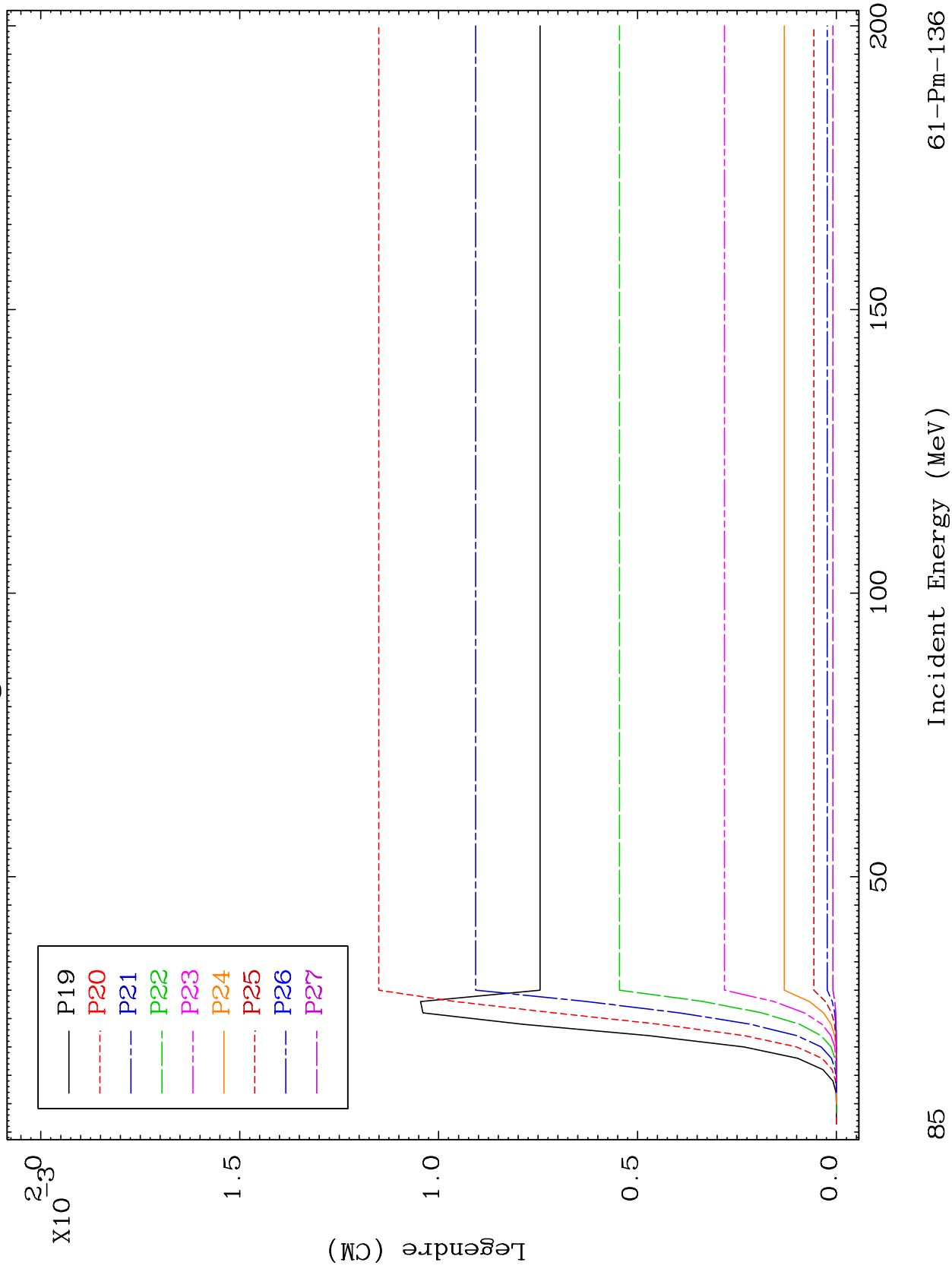
Incident Energy (MeV)

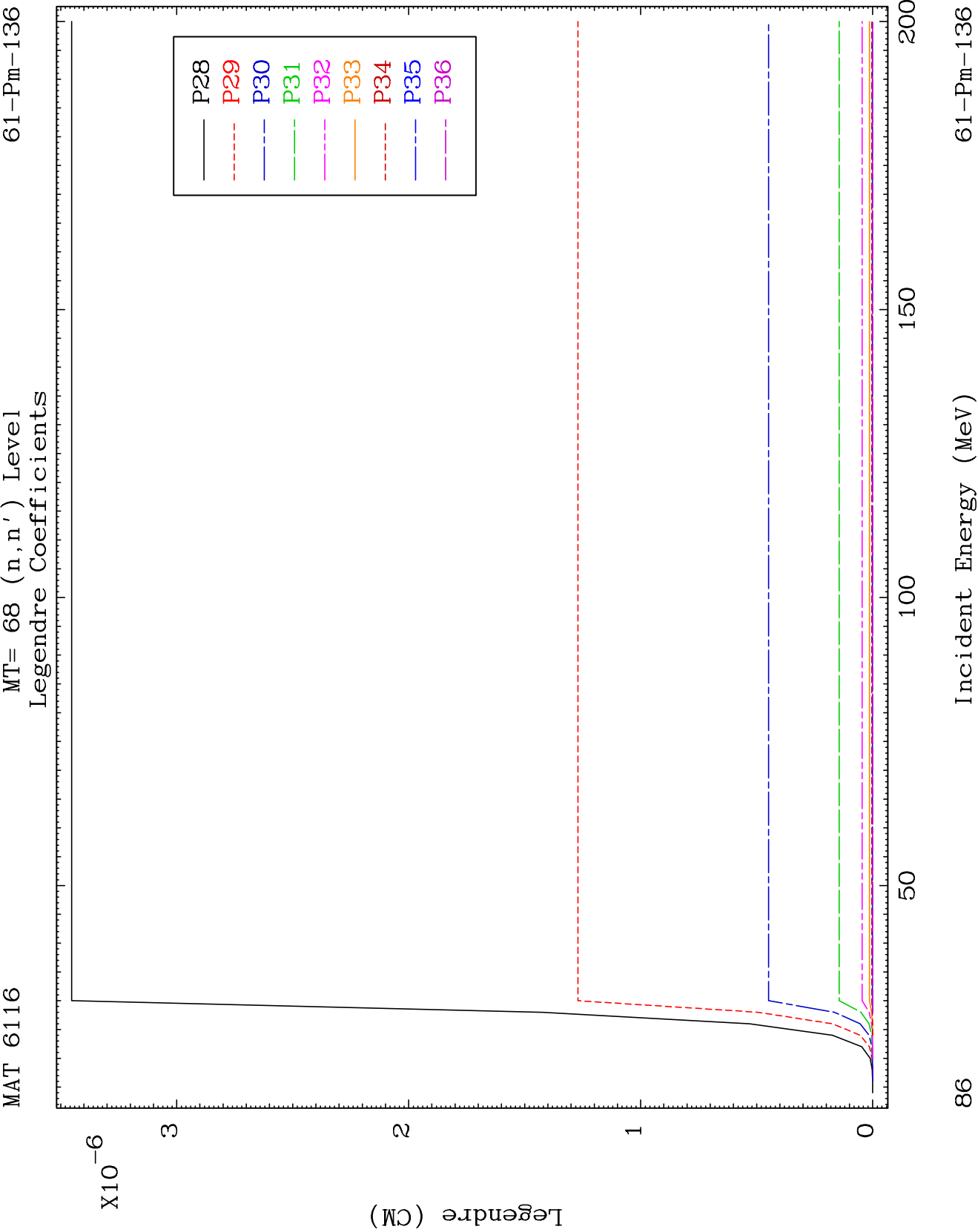
61-Pm-136

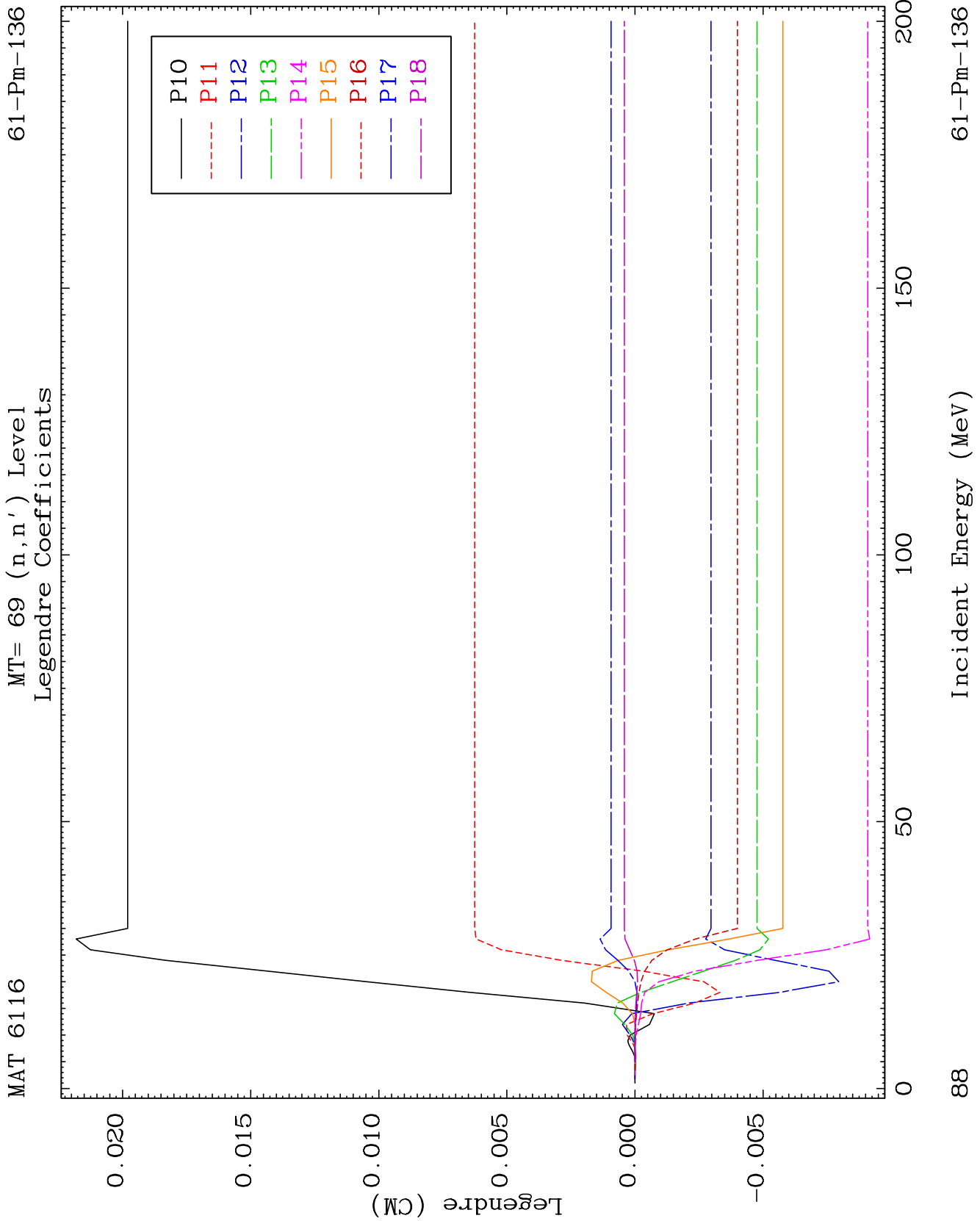
MAT 6116

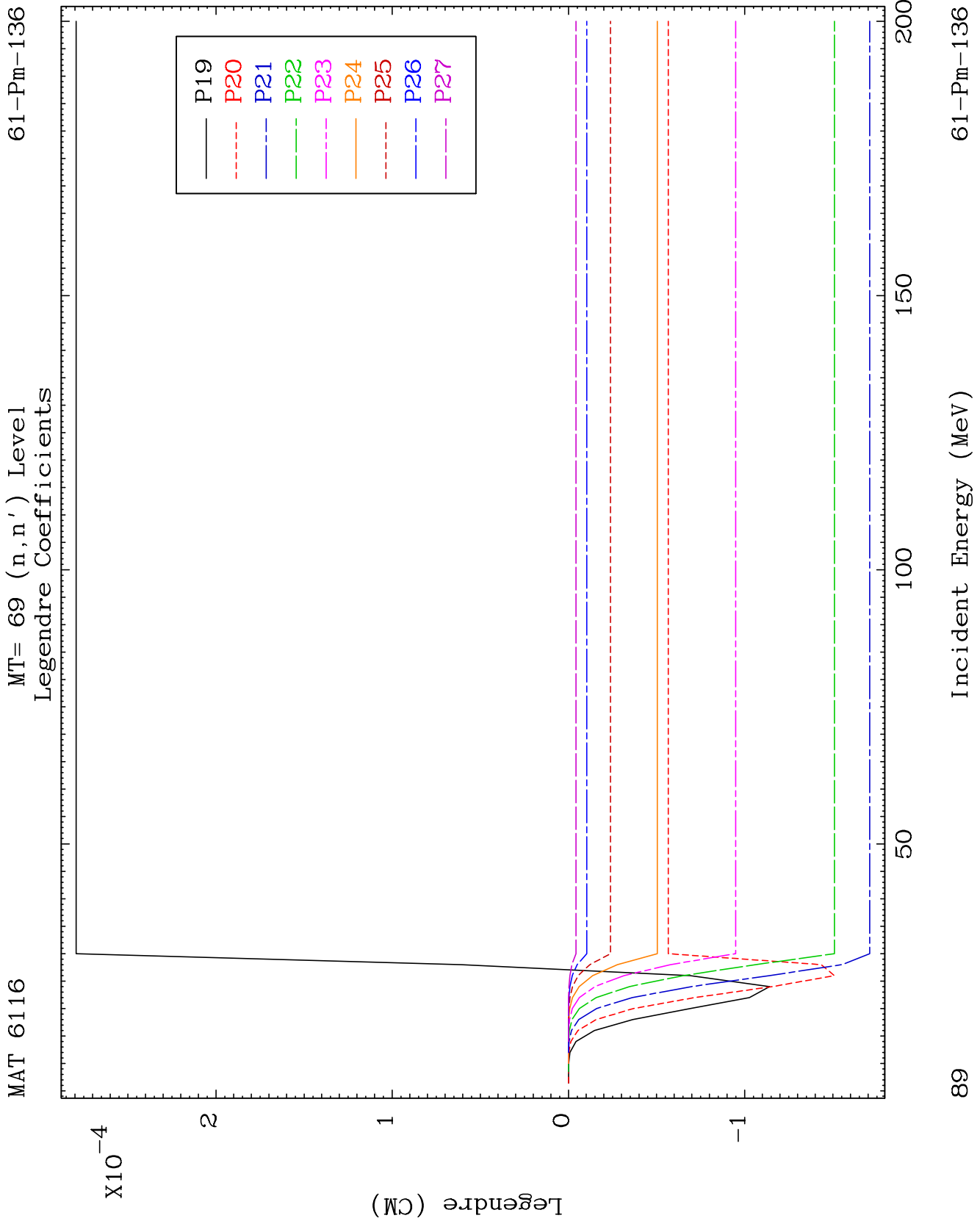
MT= 68 (n, n') Level
Legendre Coefficients

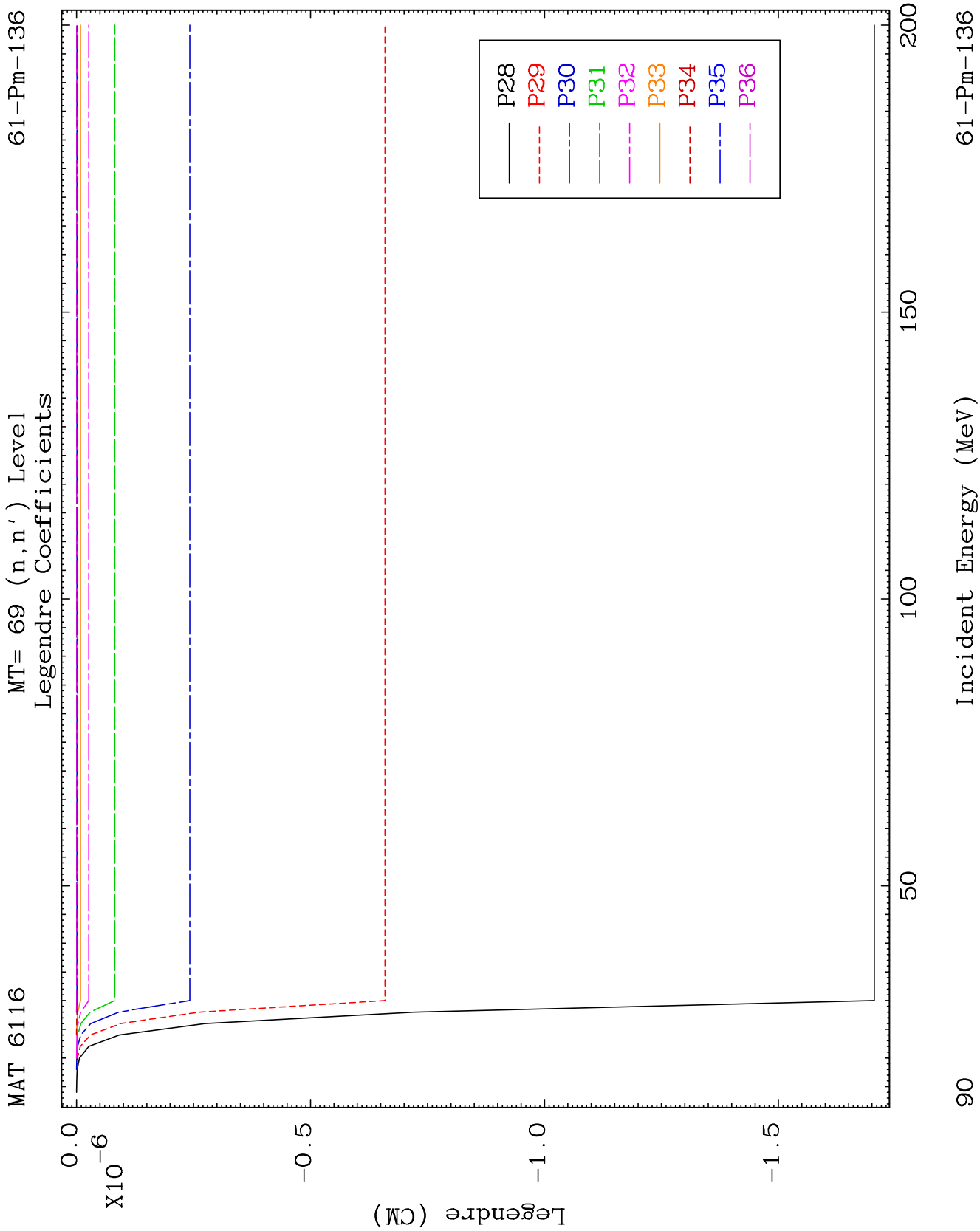
61-Pm-136

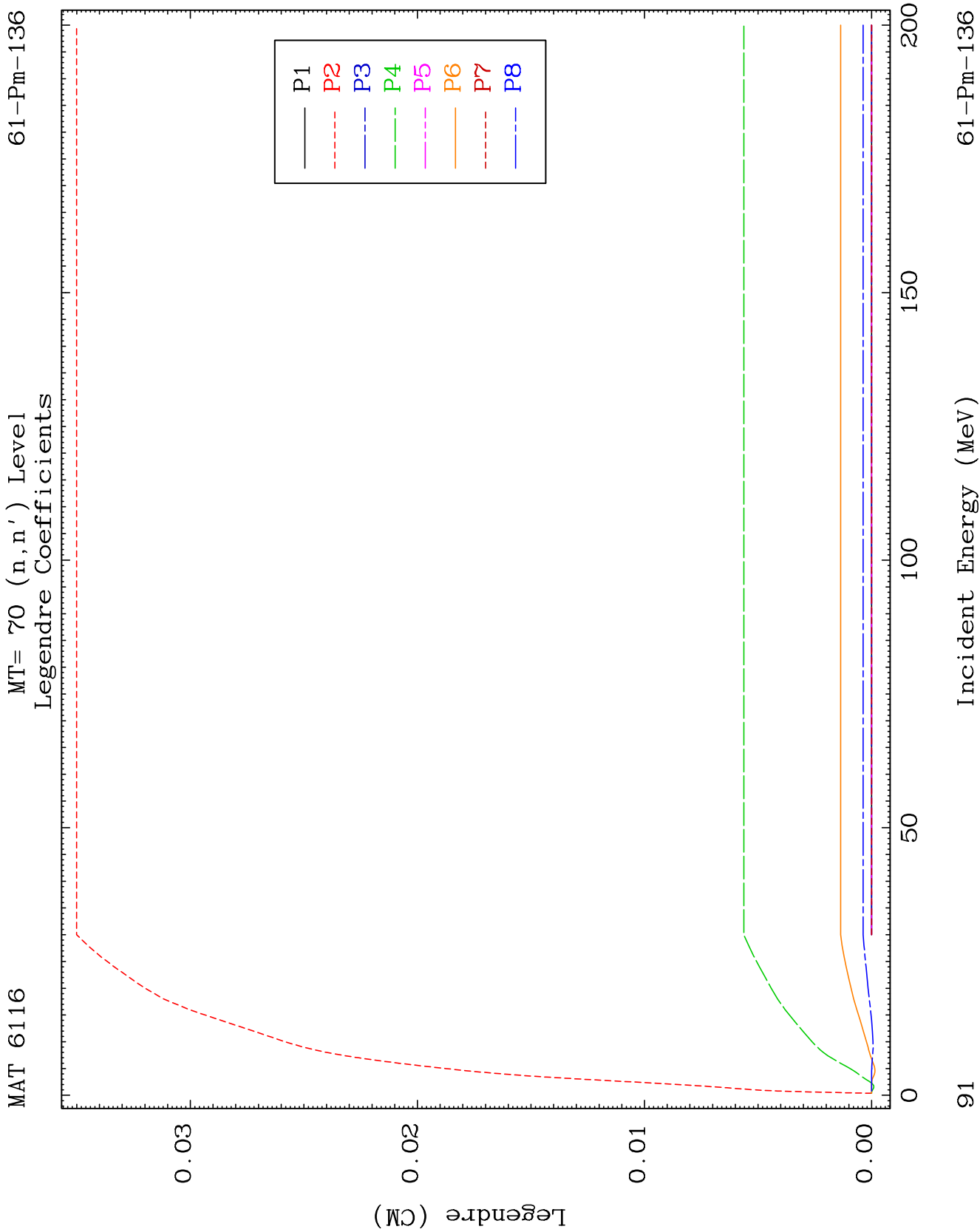


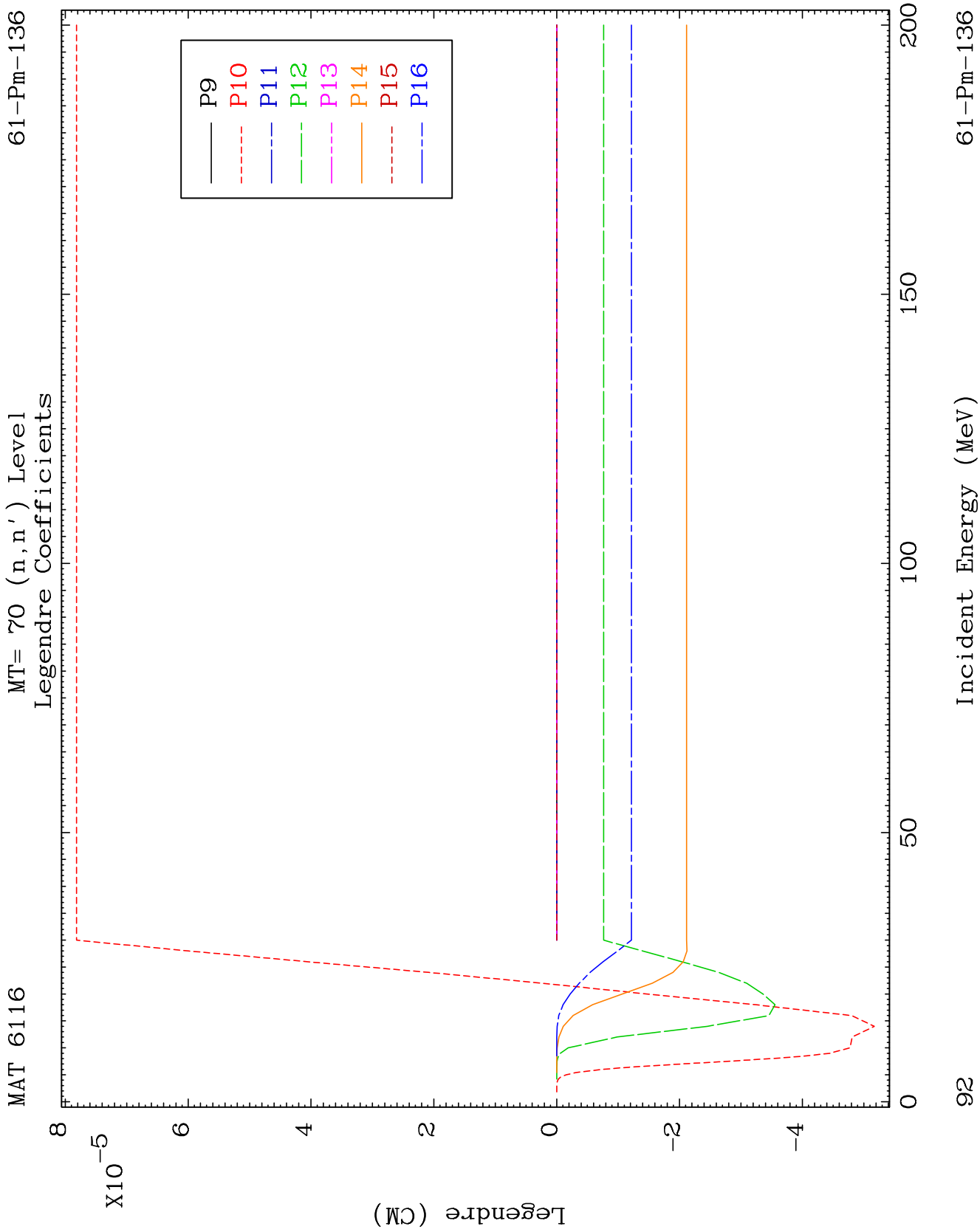


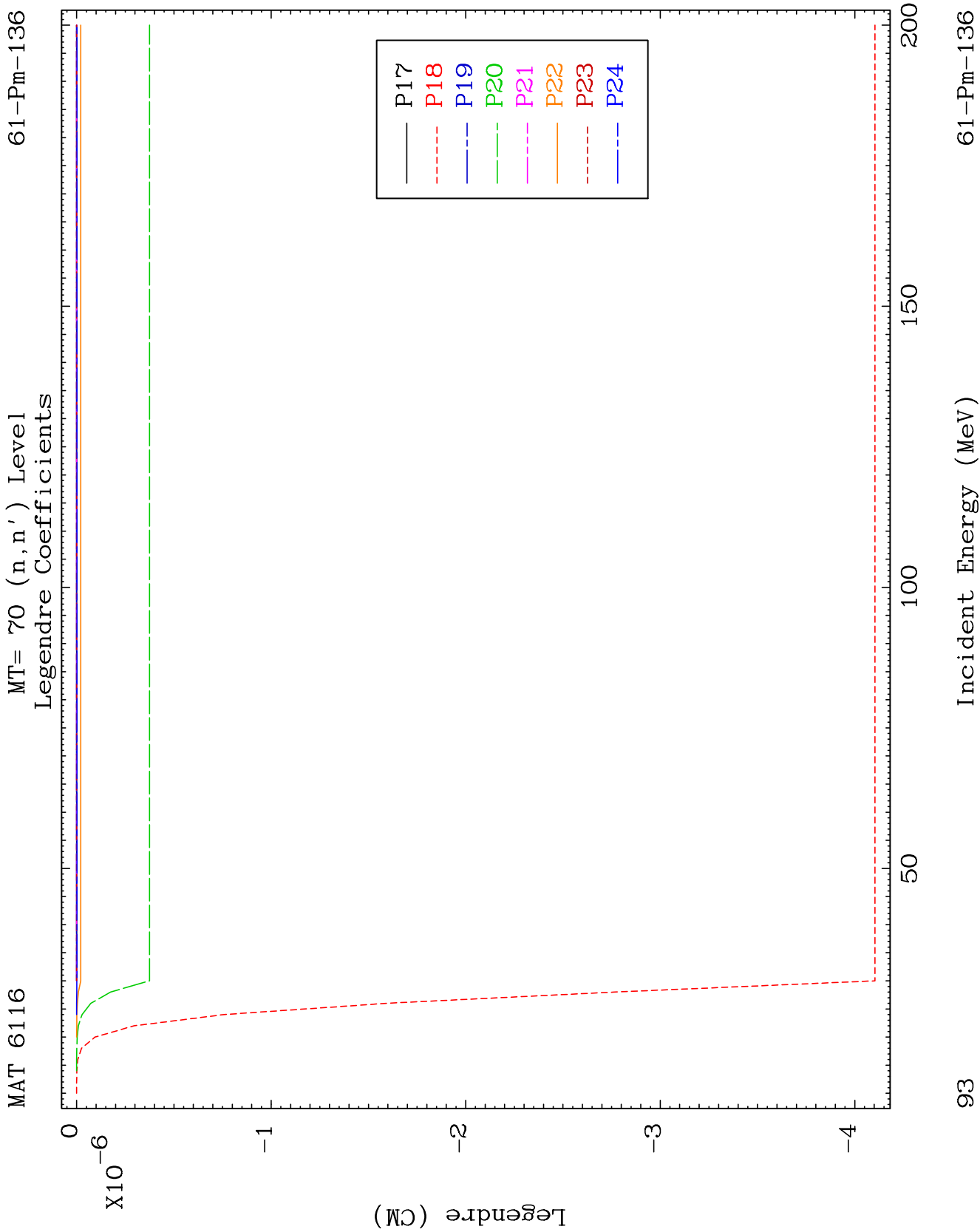


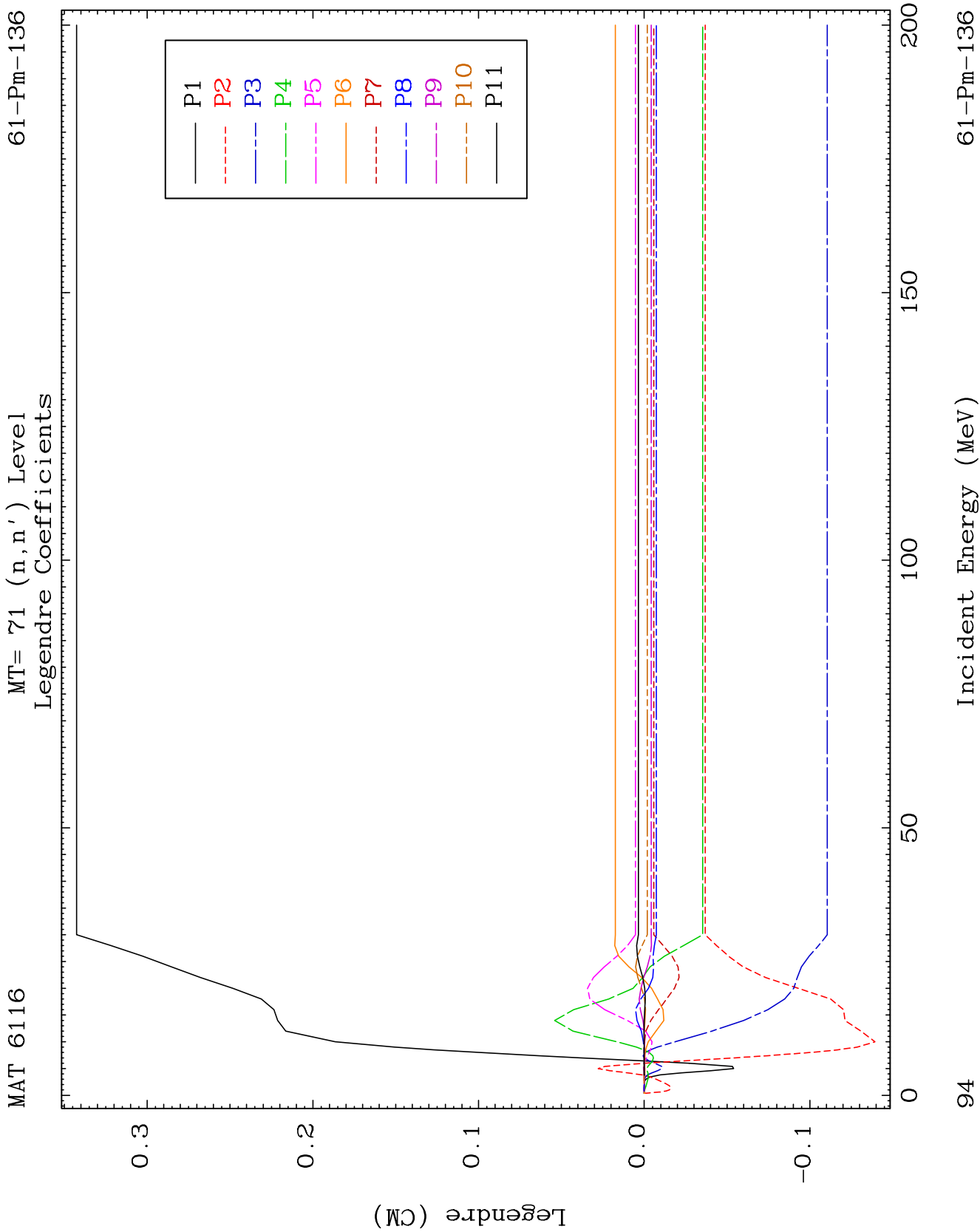


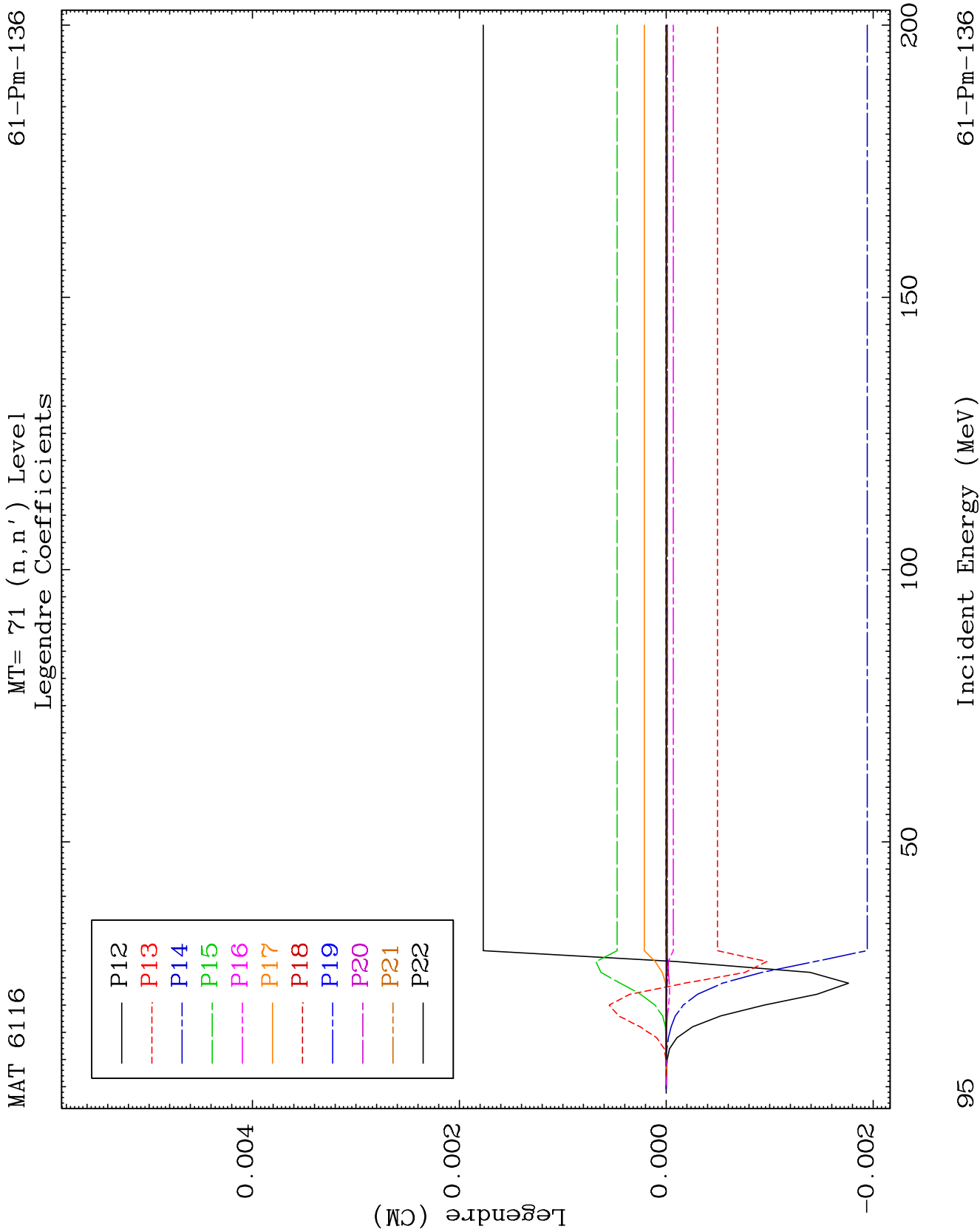


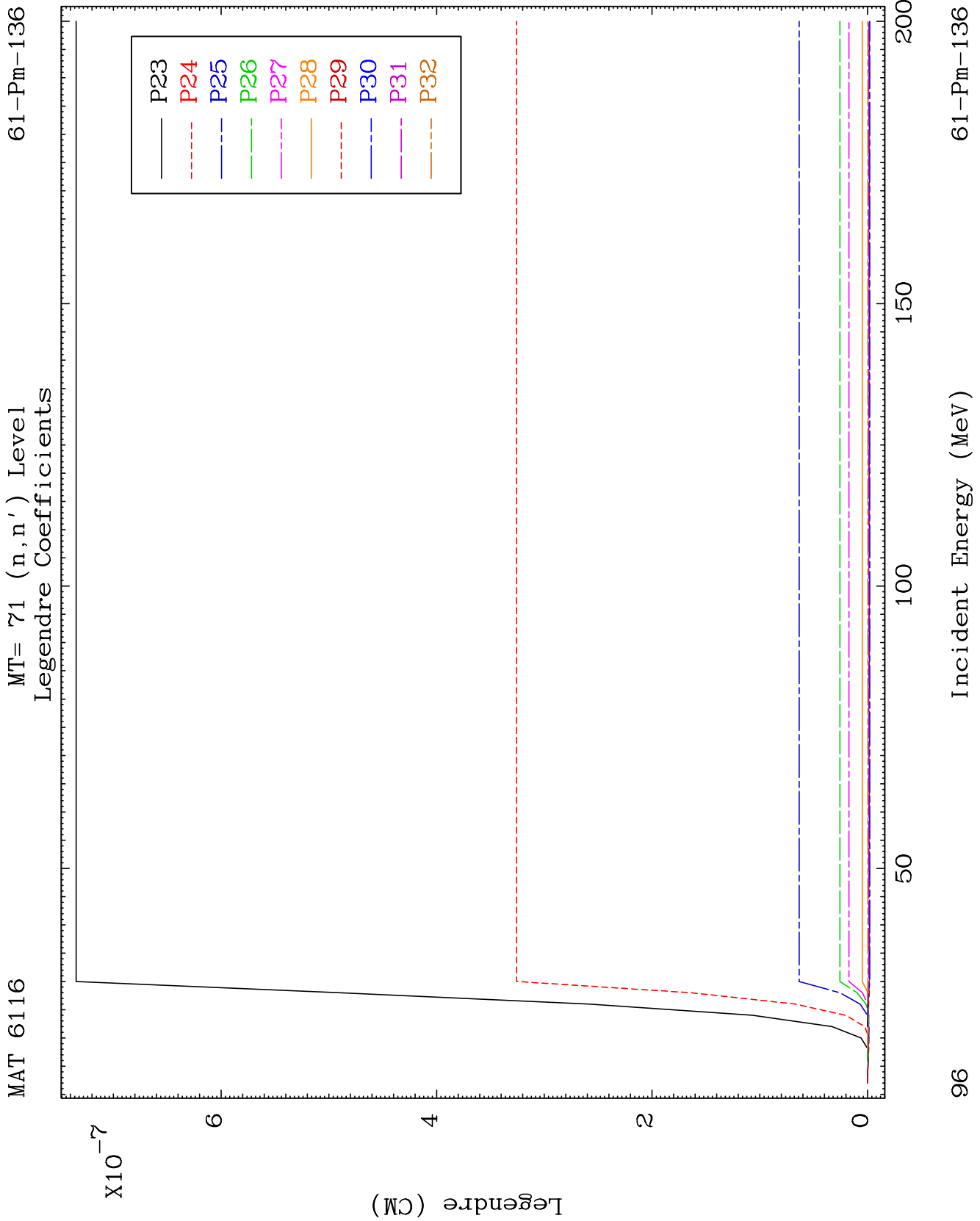


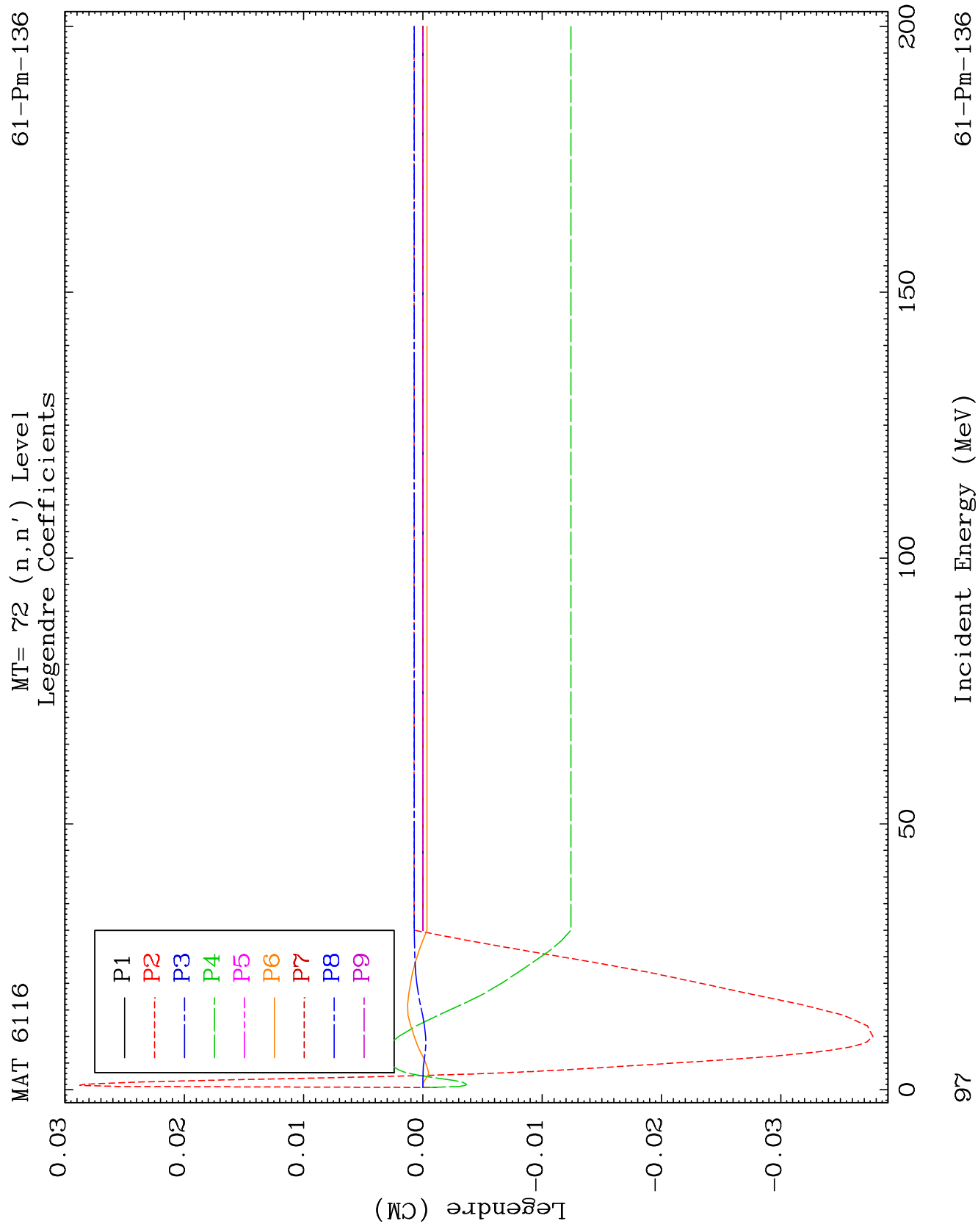








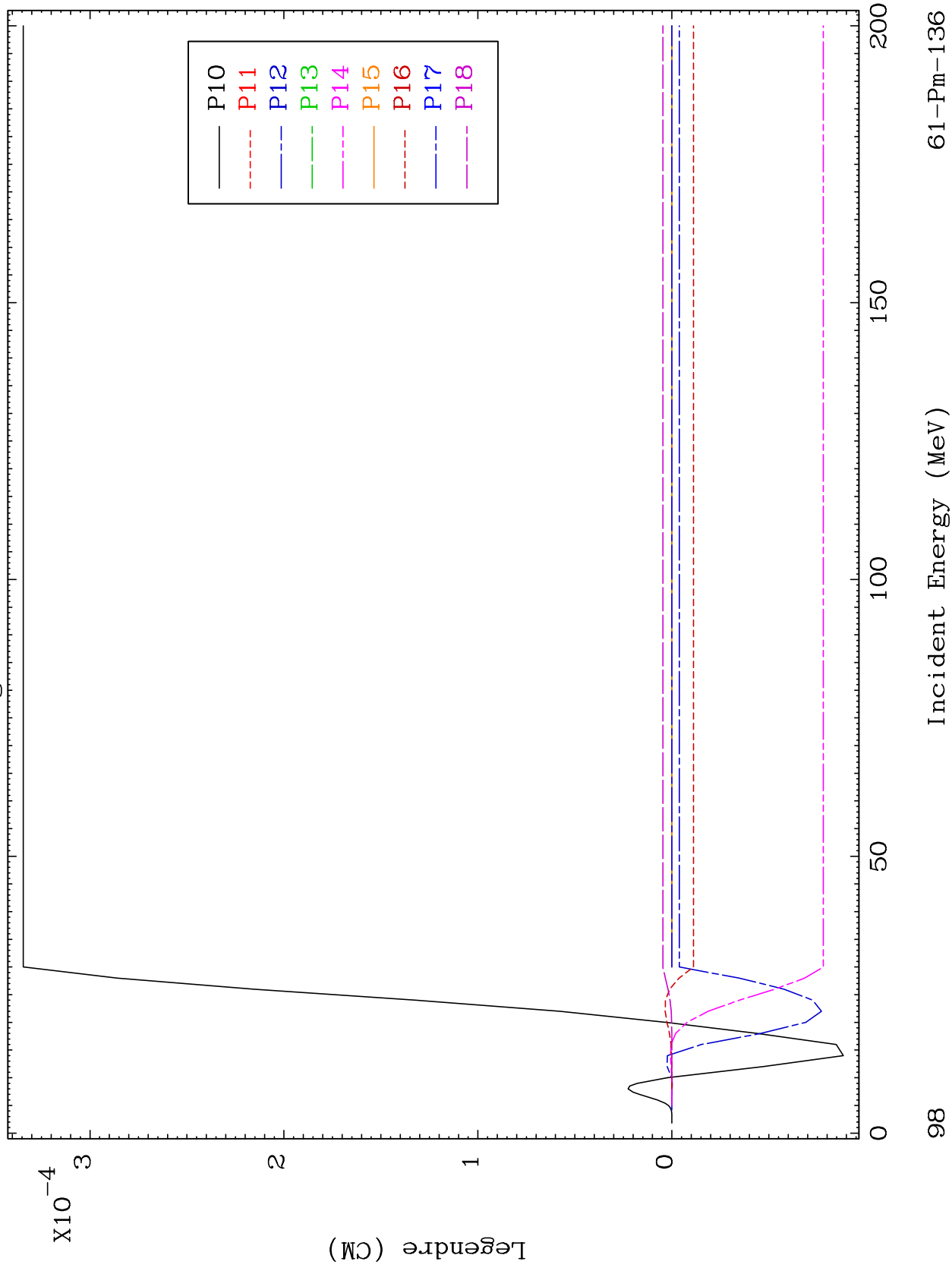


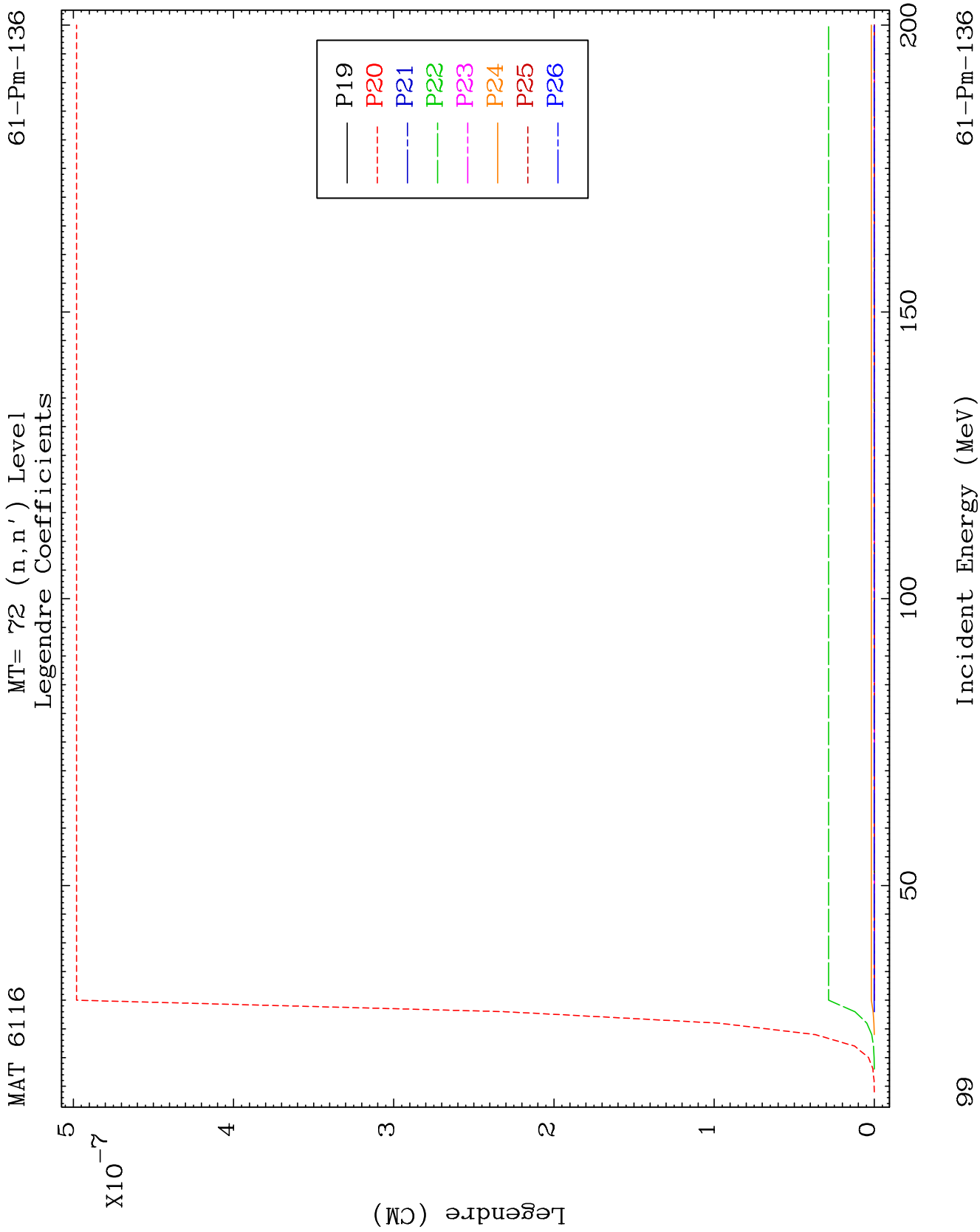


MAT 6116

MT= 72 (n, n') Level
Legendre Coefficients

61-Pm-136

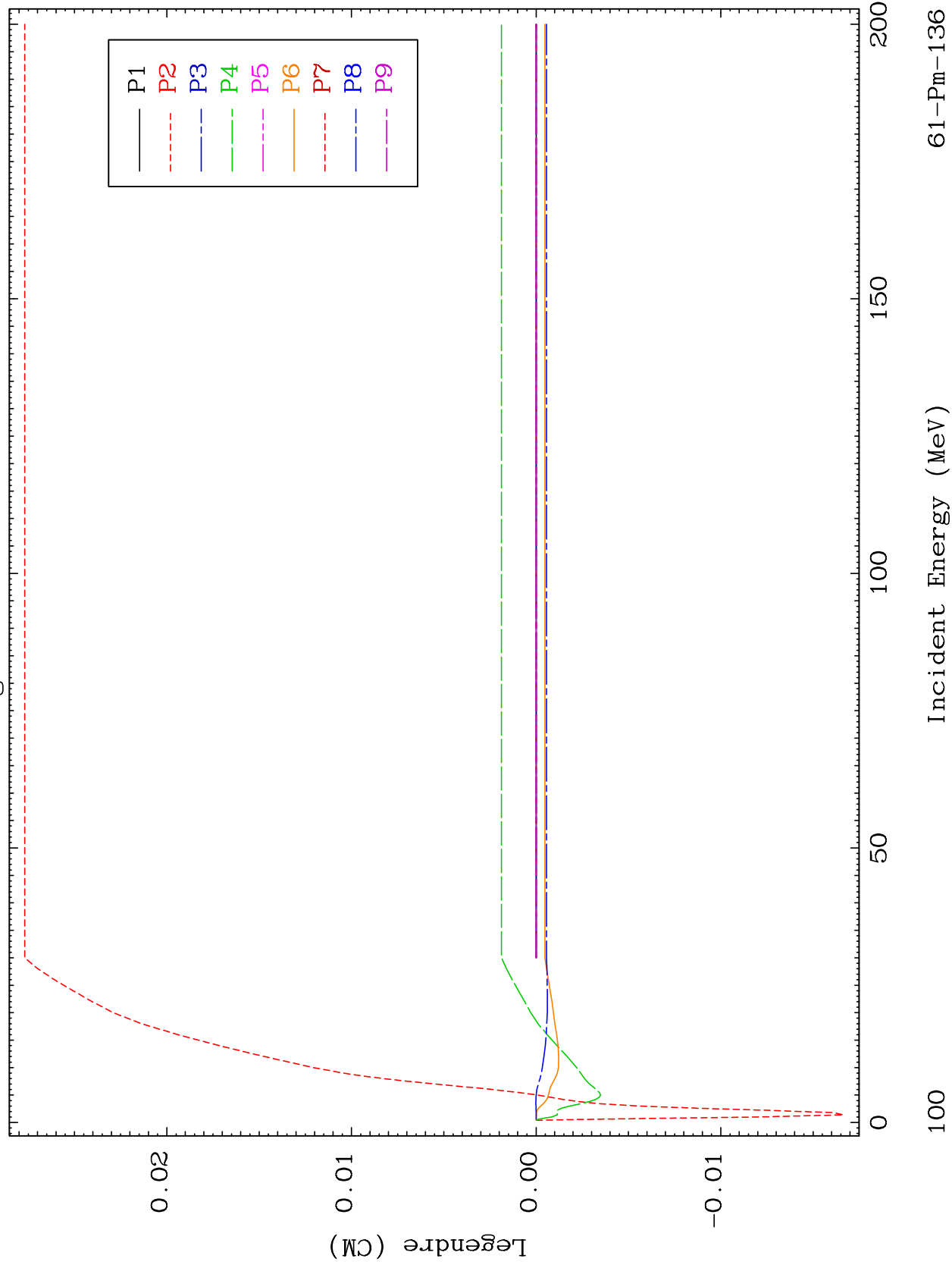


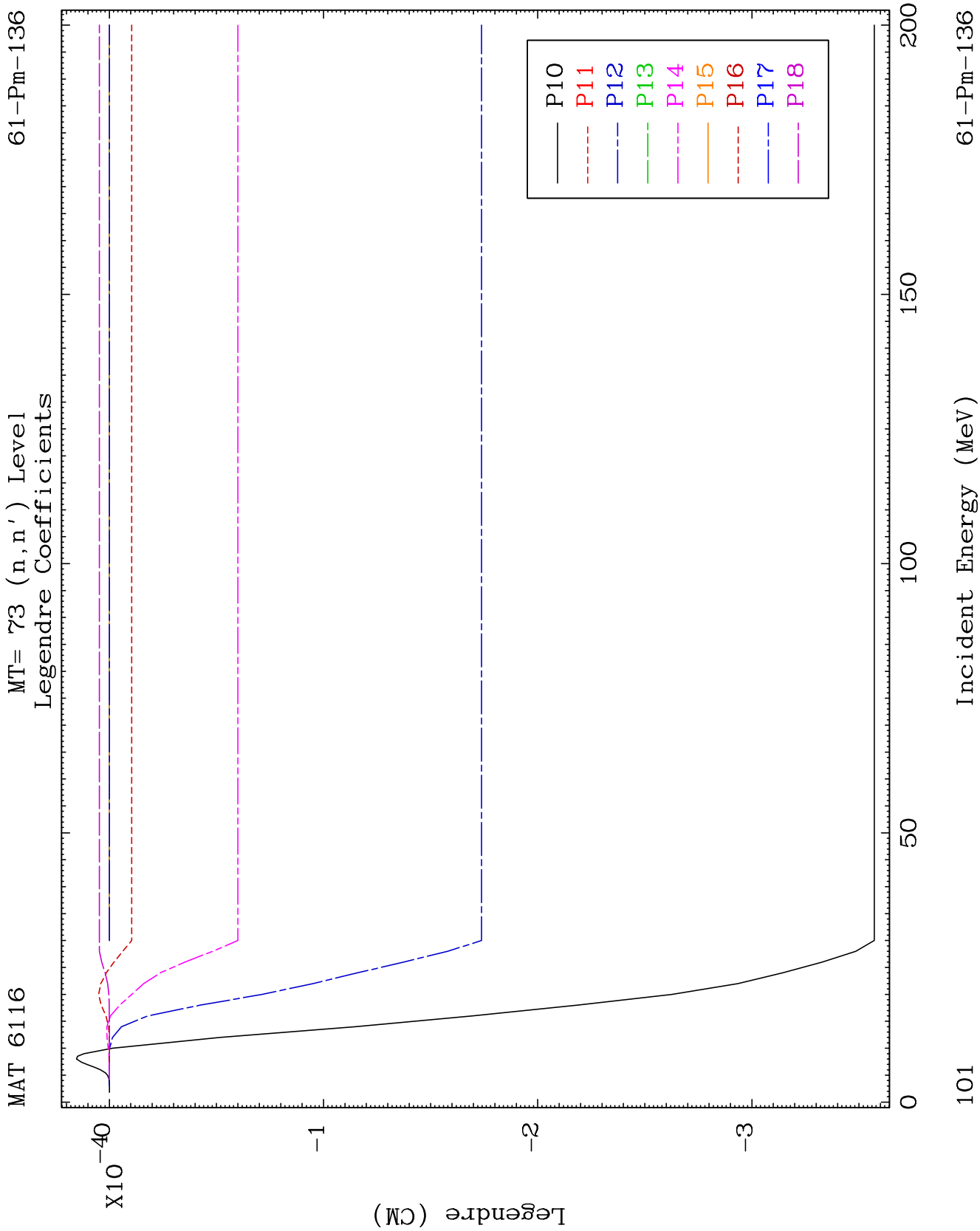


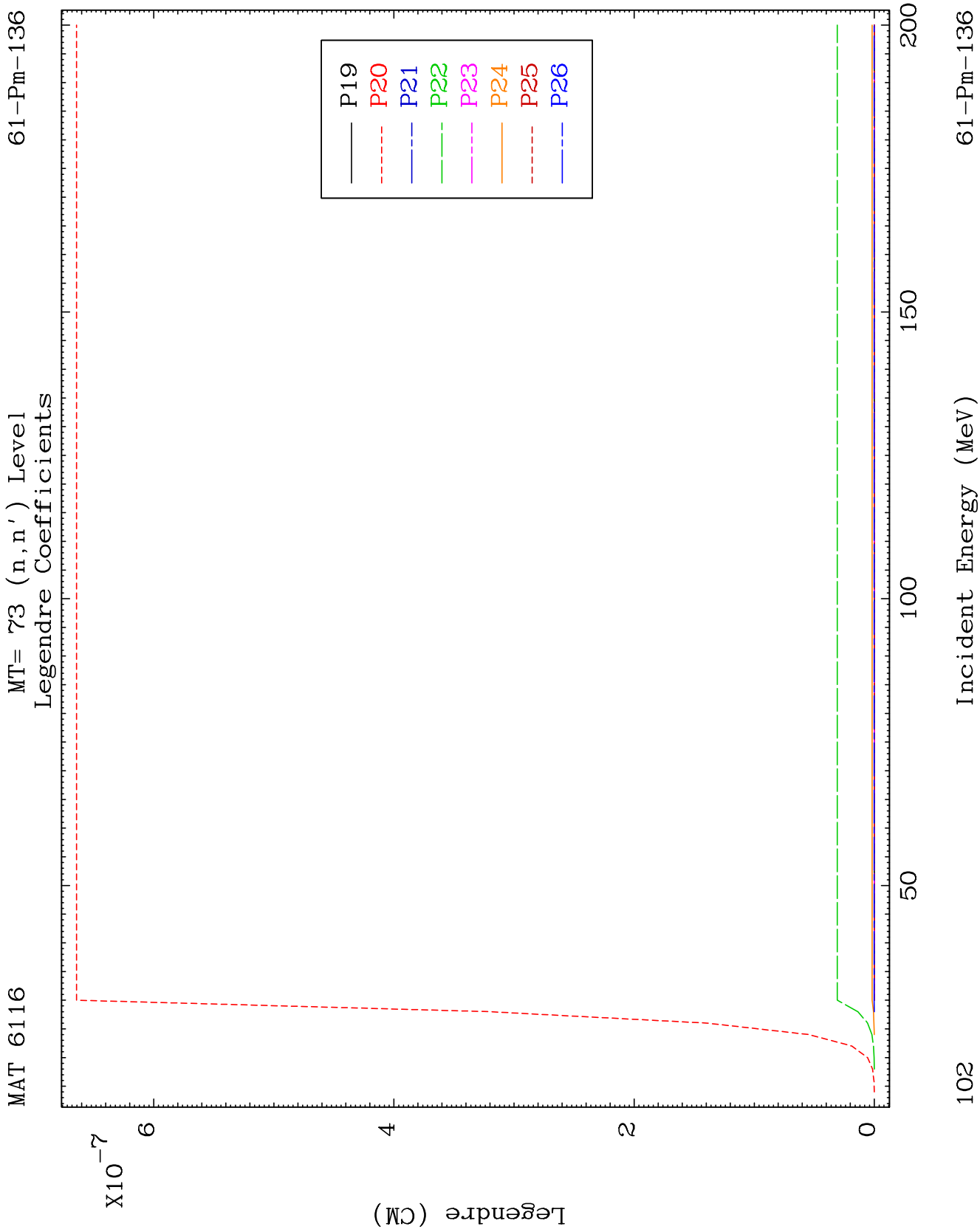
MAT 6116

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

61-Pm-136



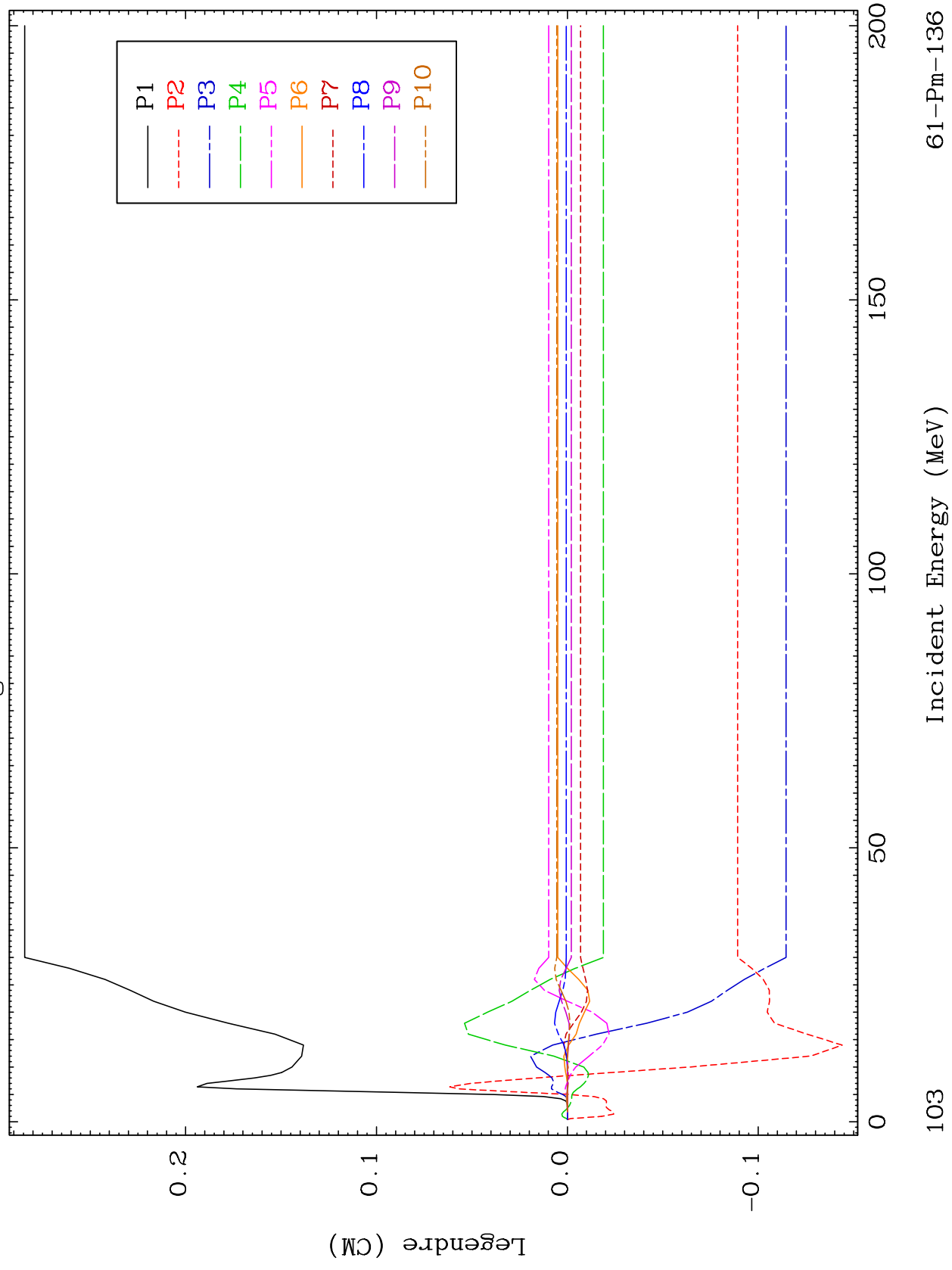


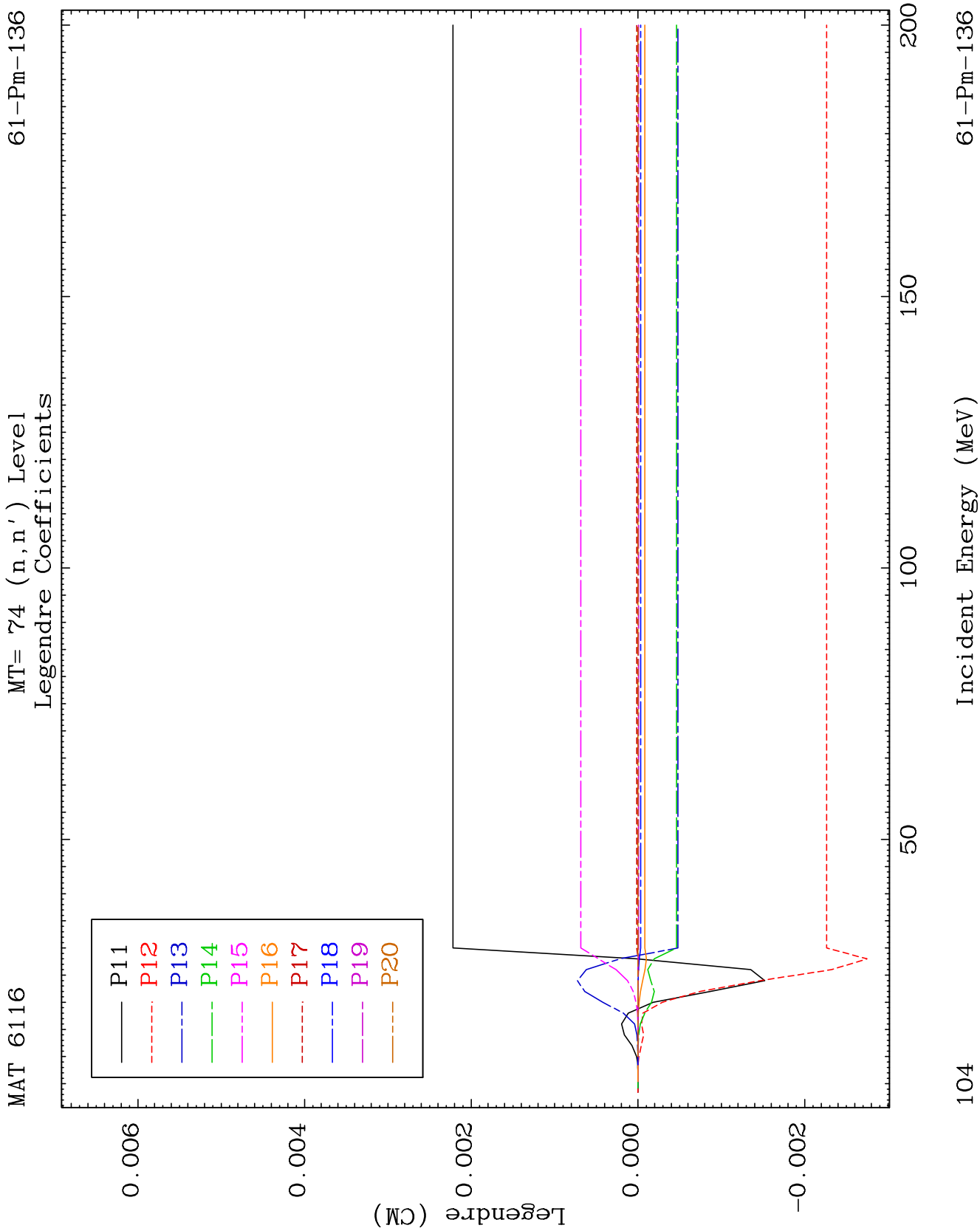


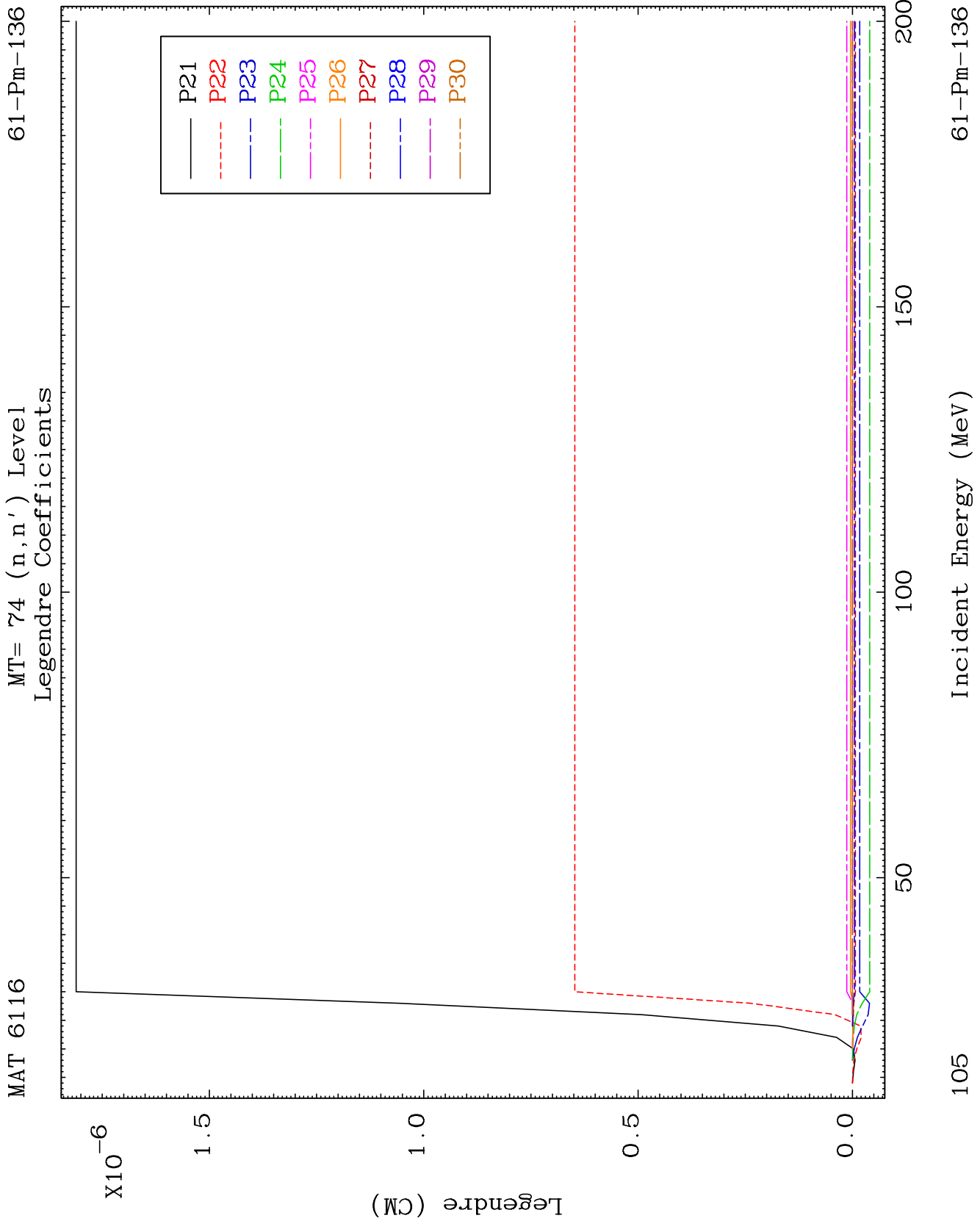
MAT 6116

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

61-Pm-136



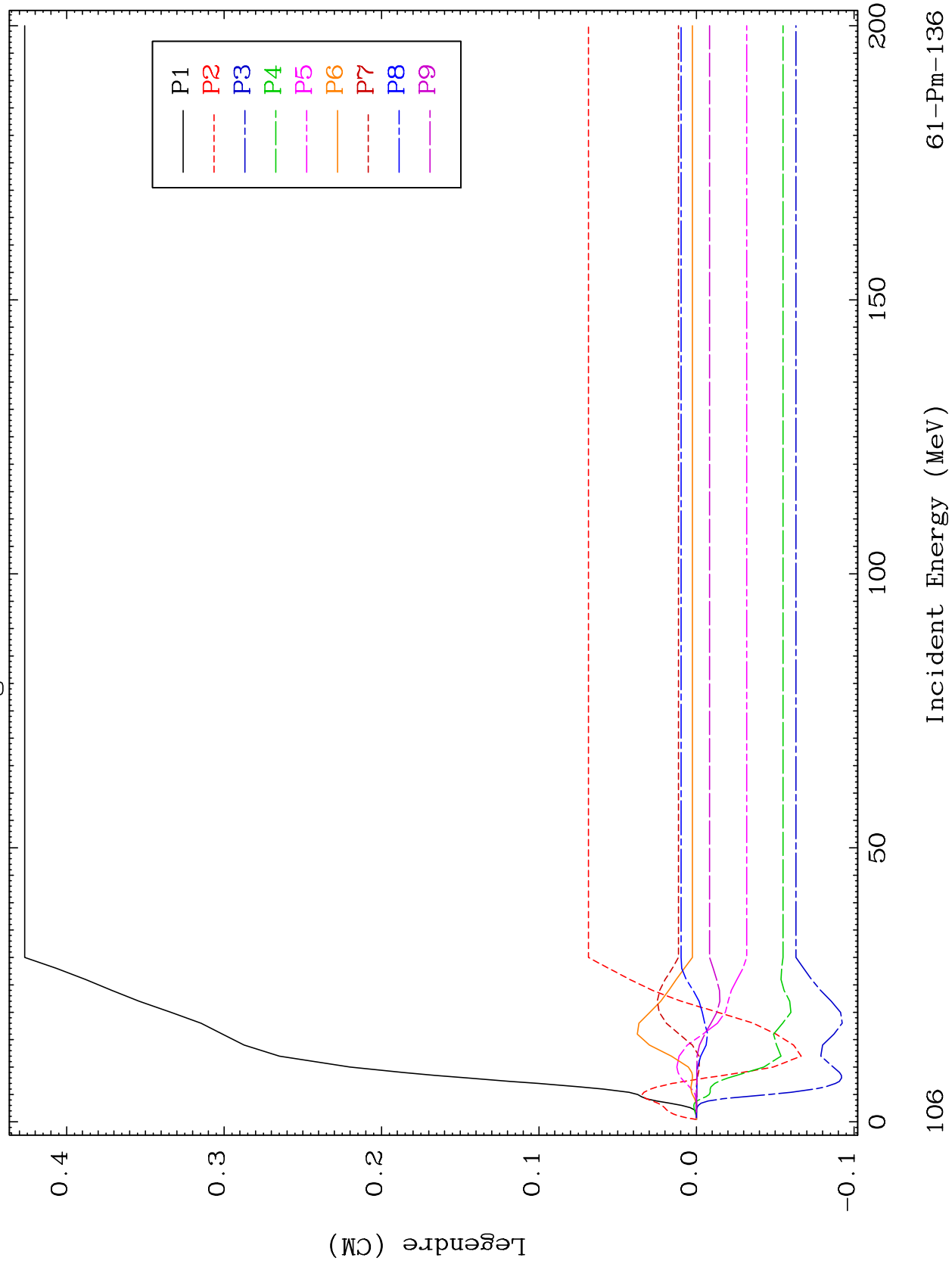




MAT 6116

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

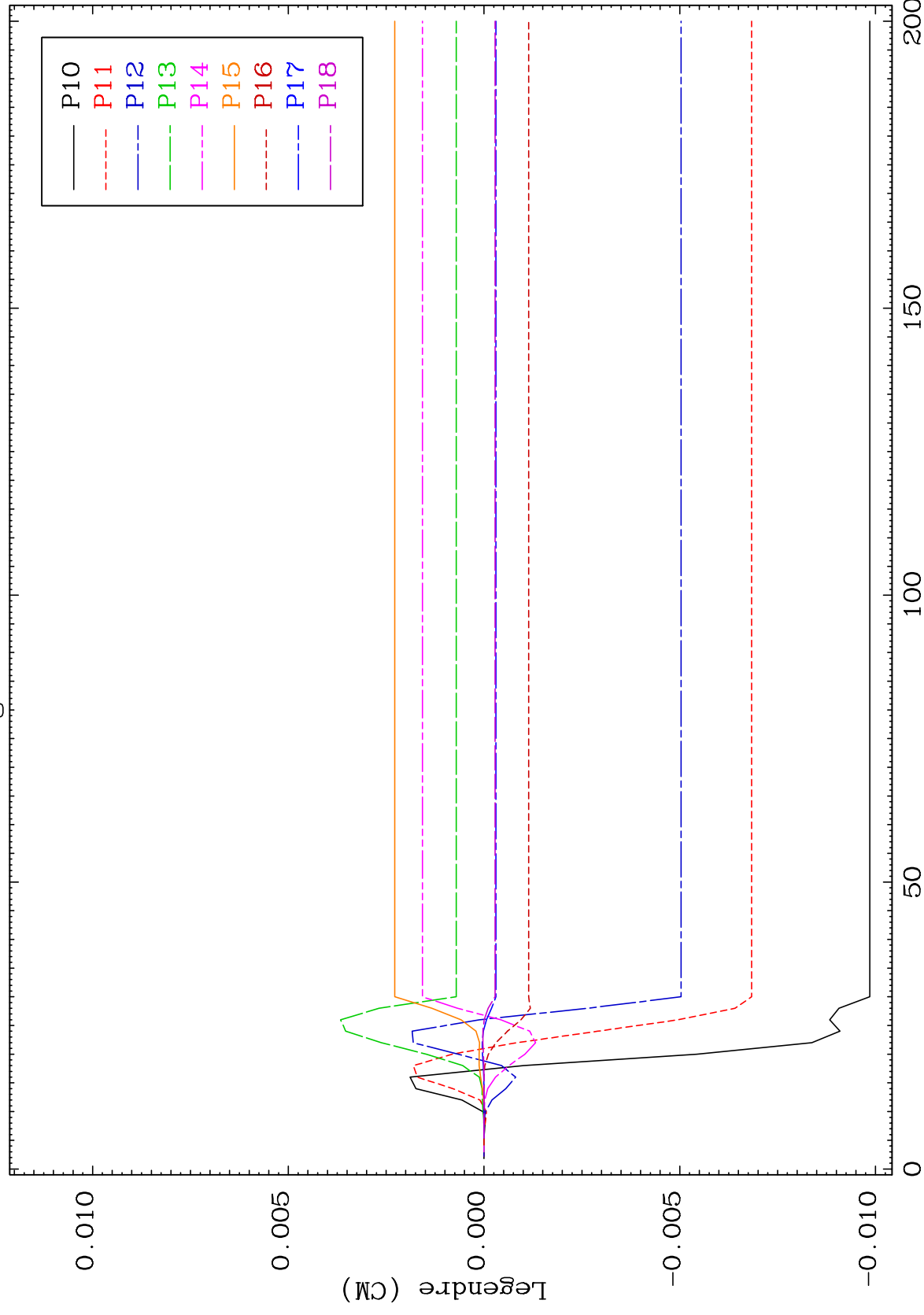
61-Pm-136



MAT 6116

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

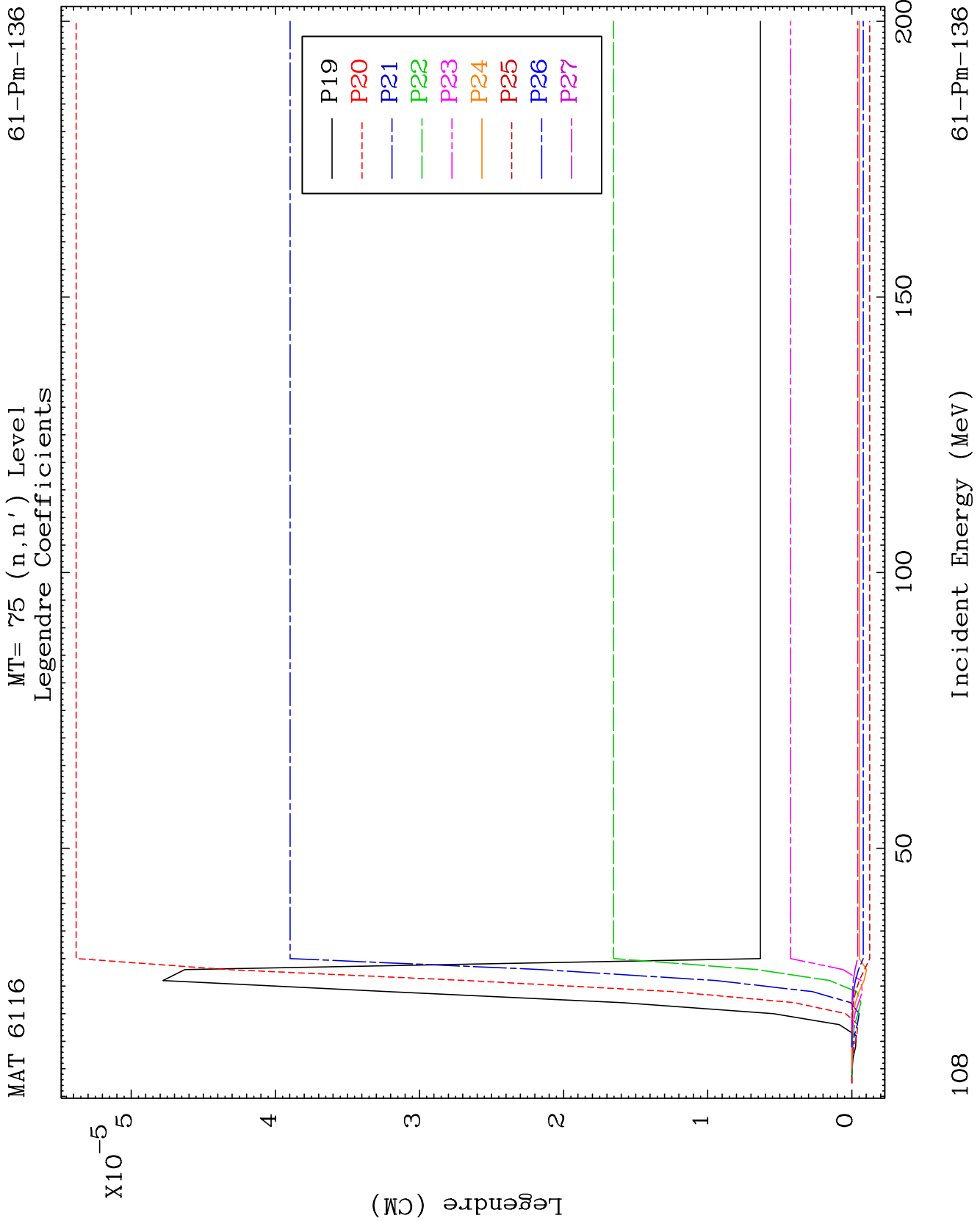
61-Pm-136



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Incident Energy (MeV)

61-Pm-136

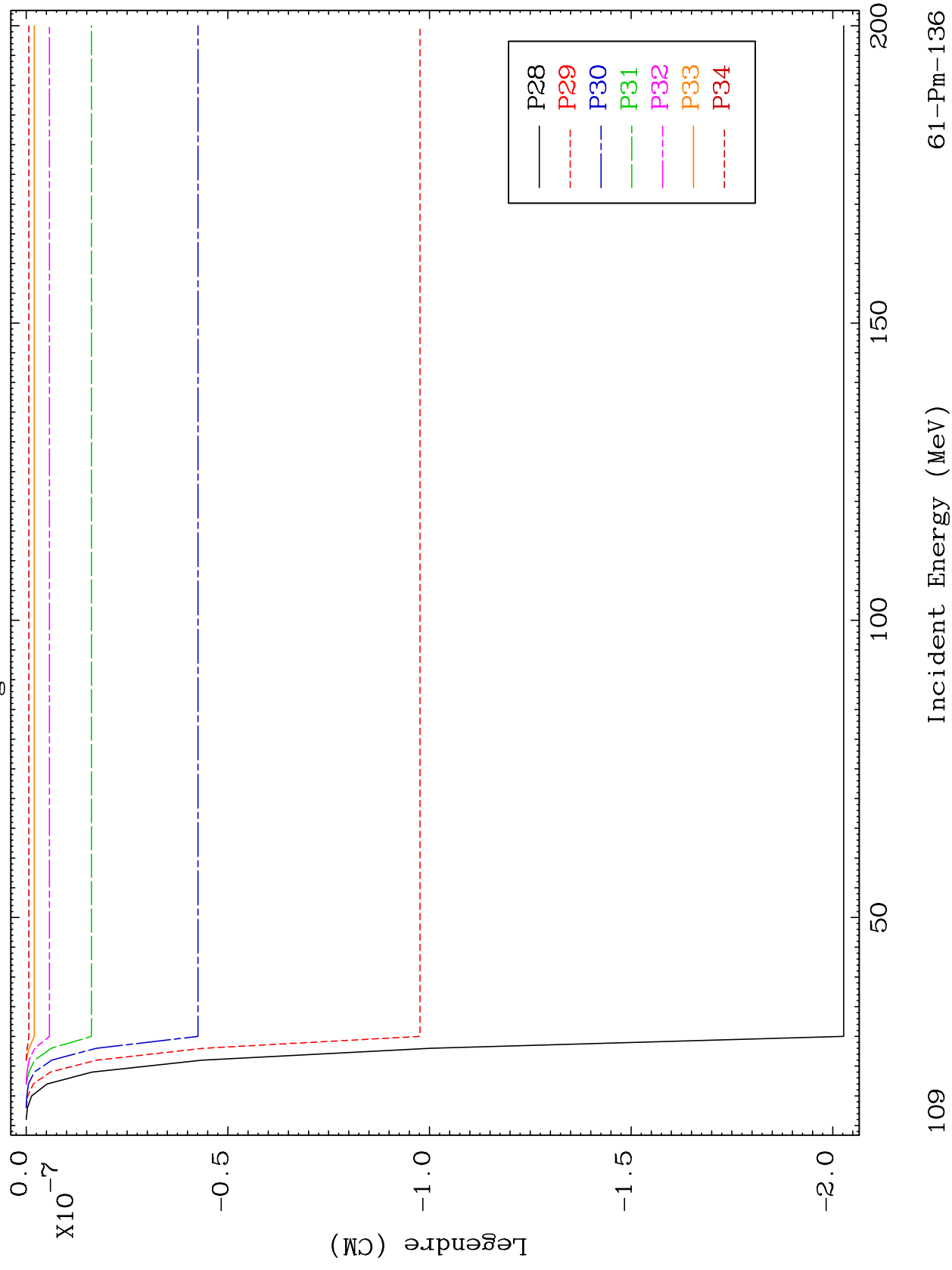


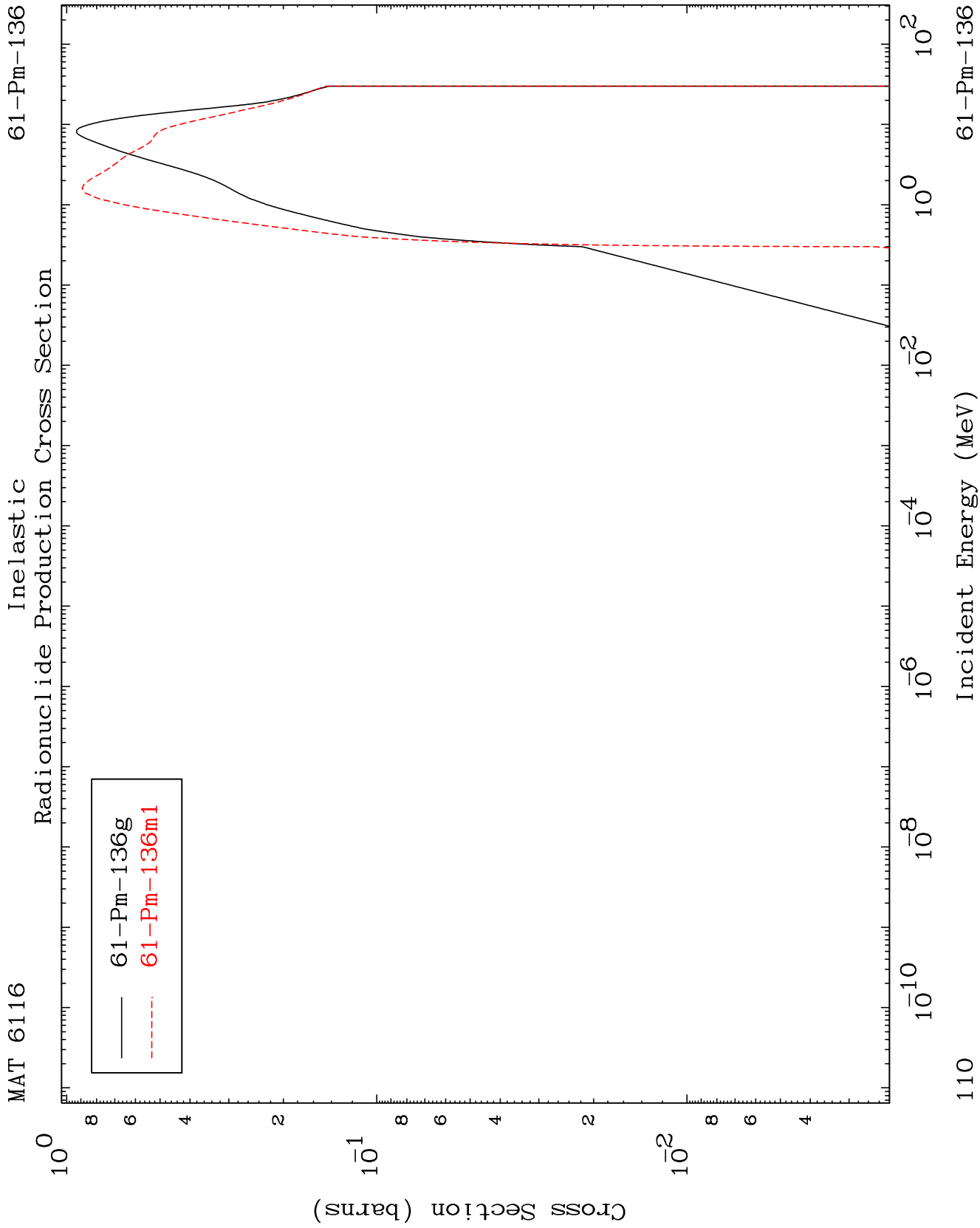
MAT 6116

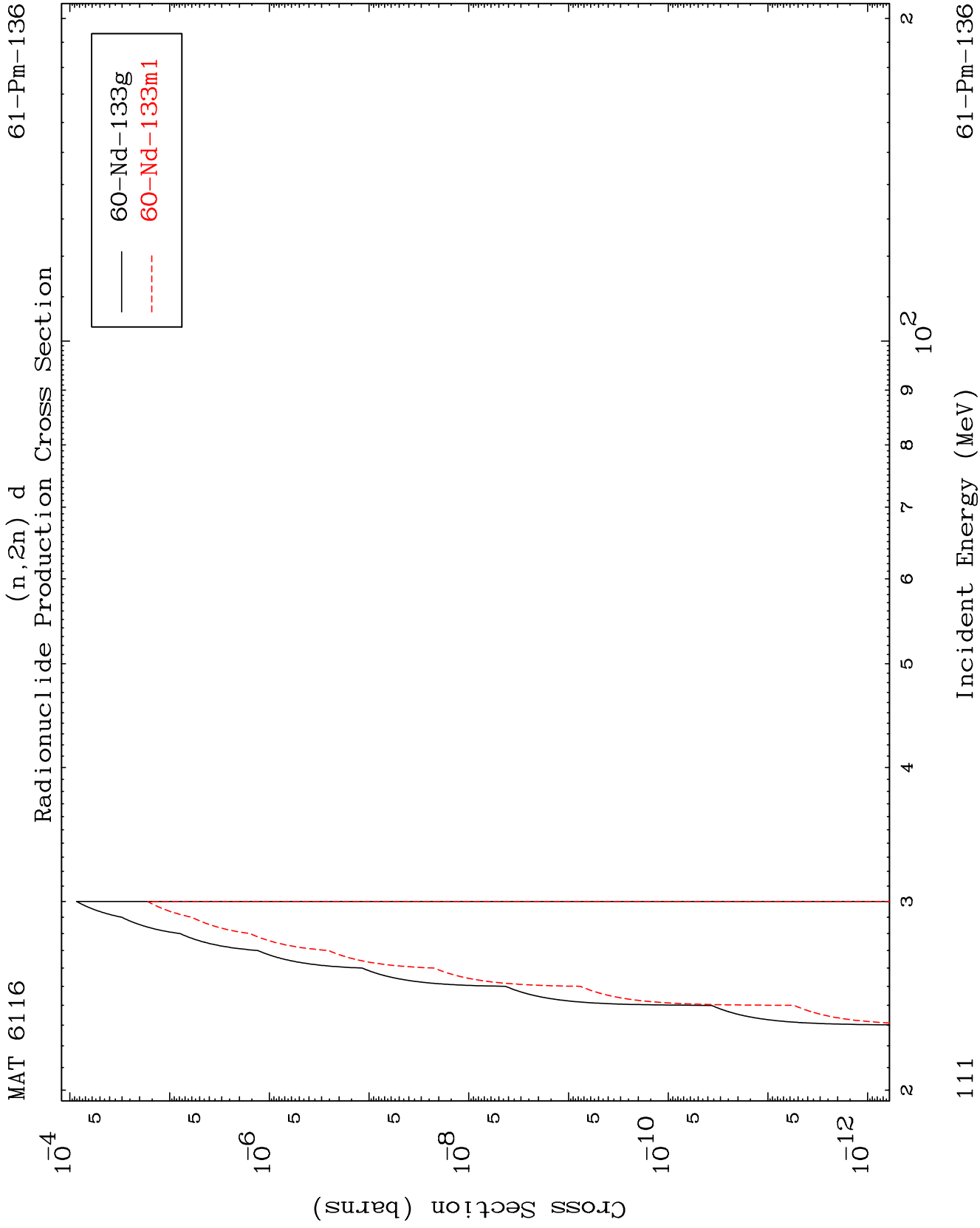
MT=75 (n,n') Level

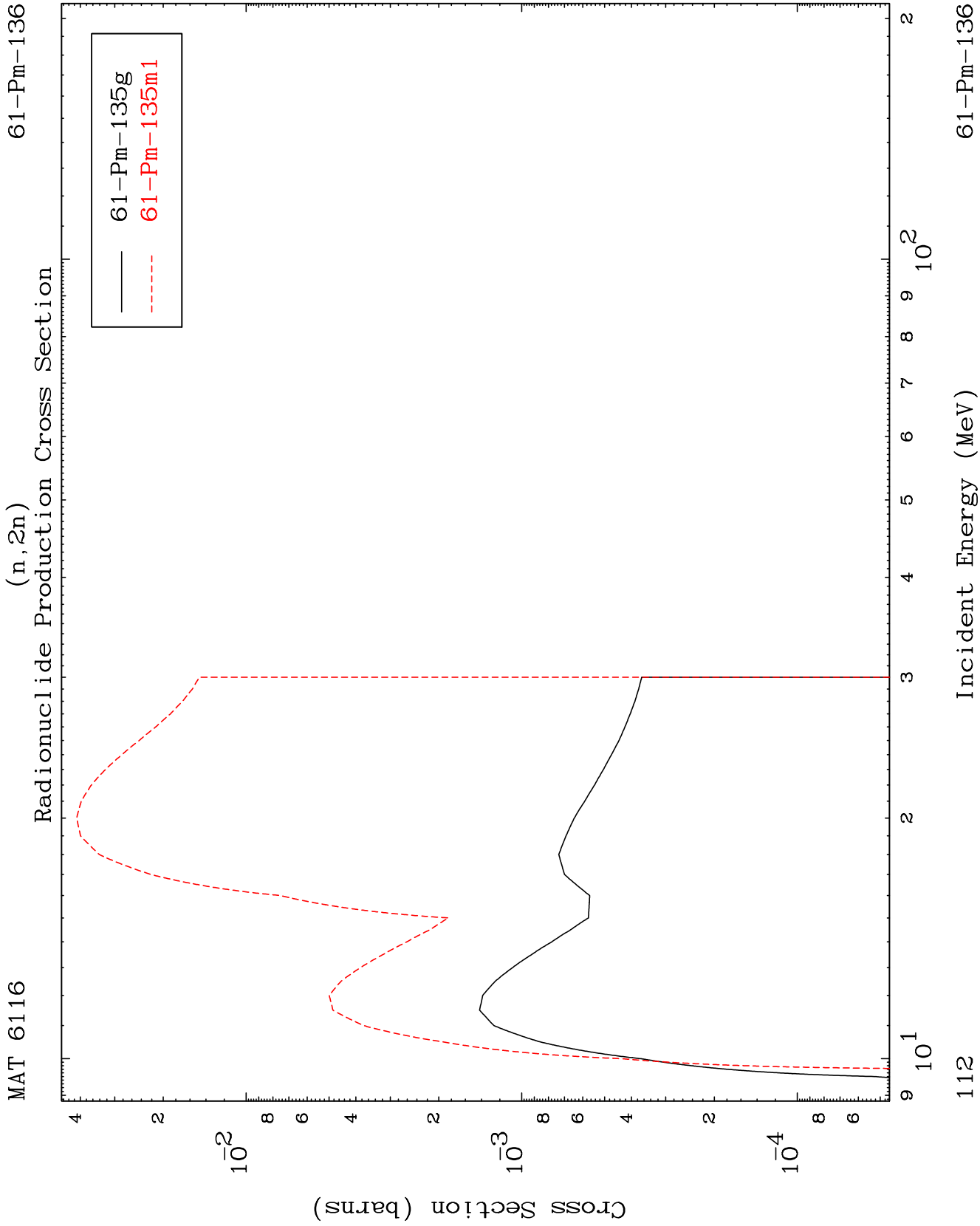
61-Pm-136

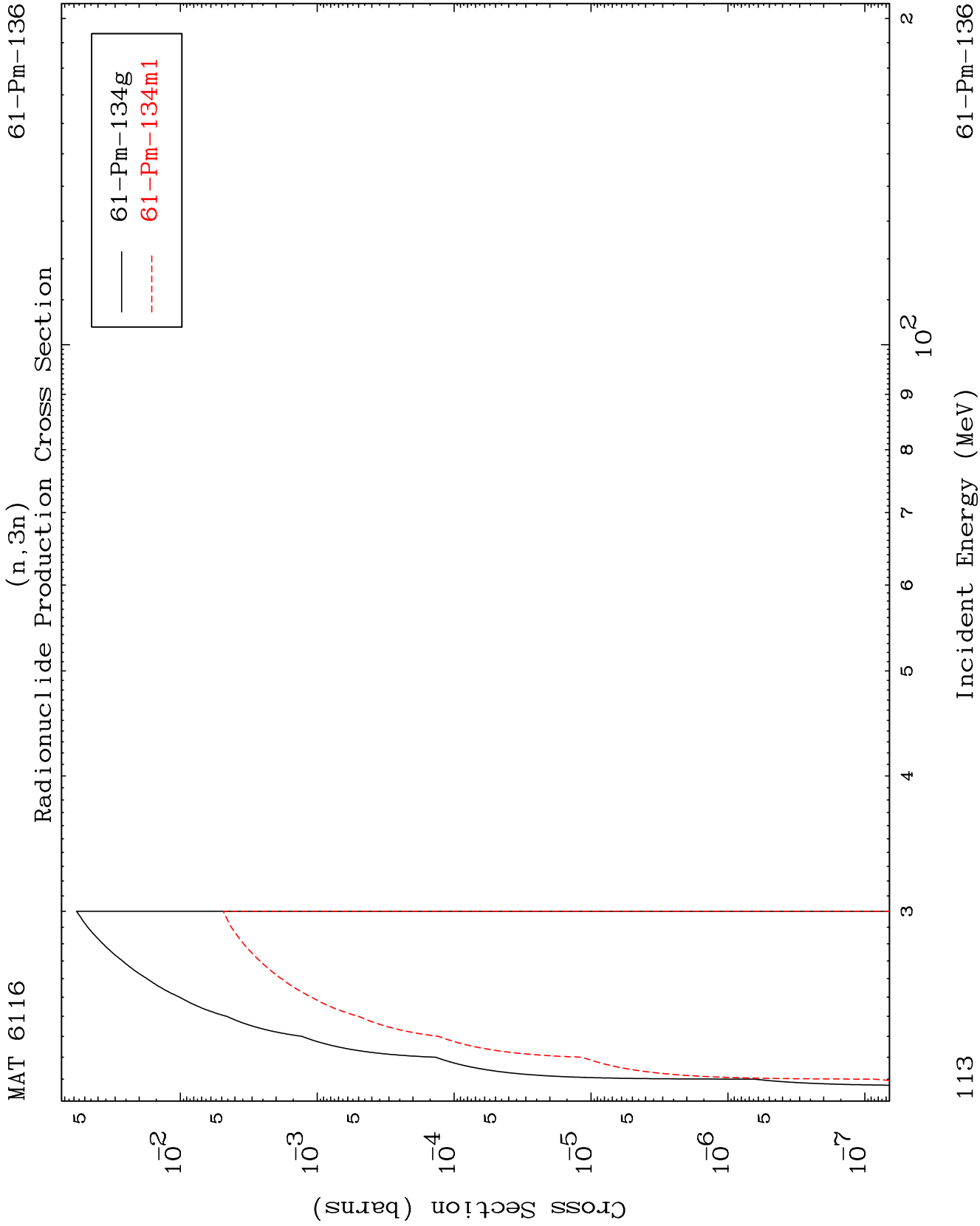
Legendre Coefficients

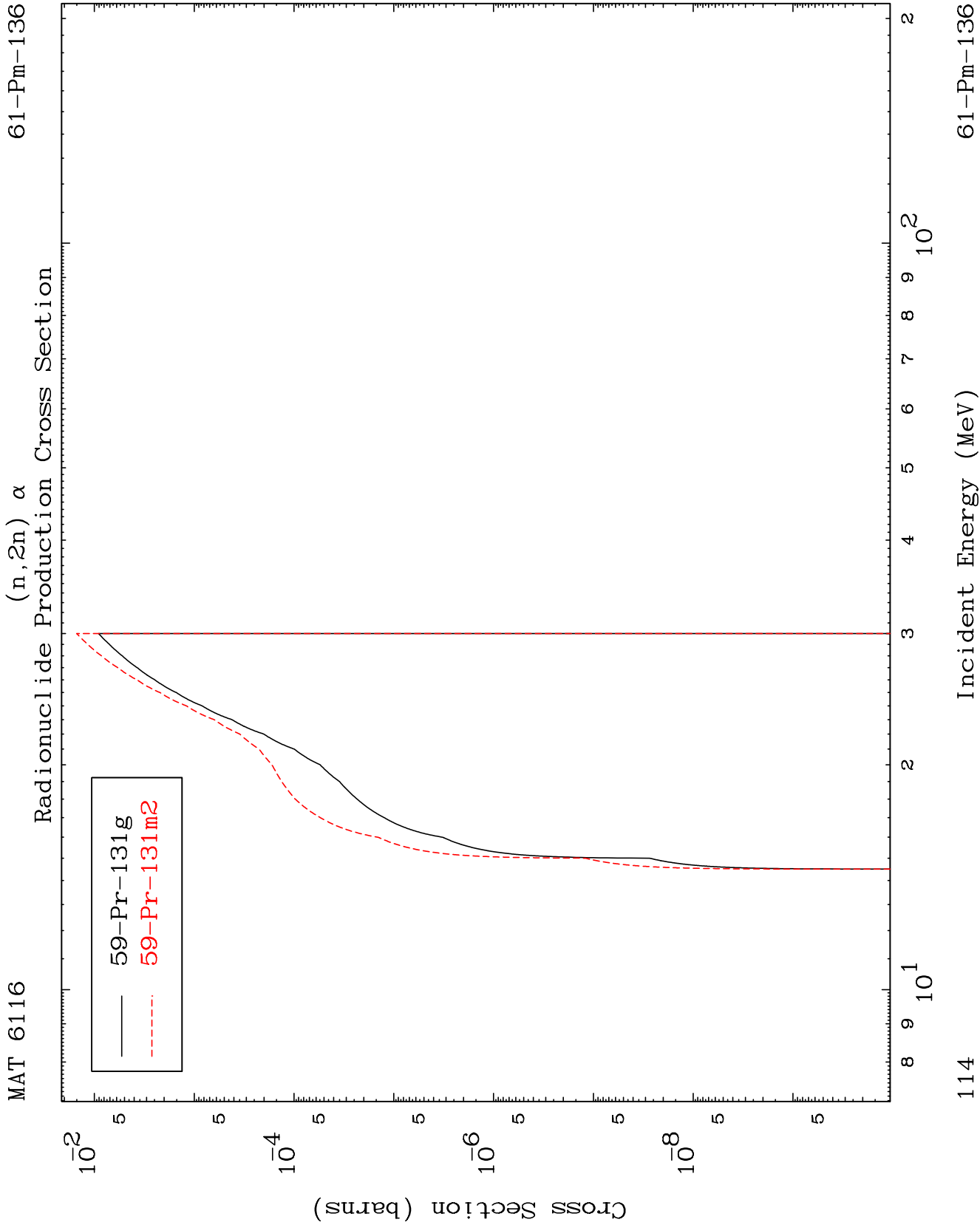


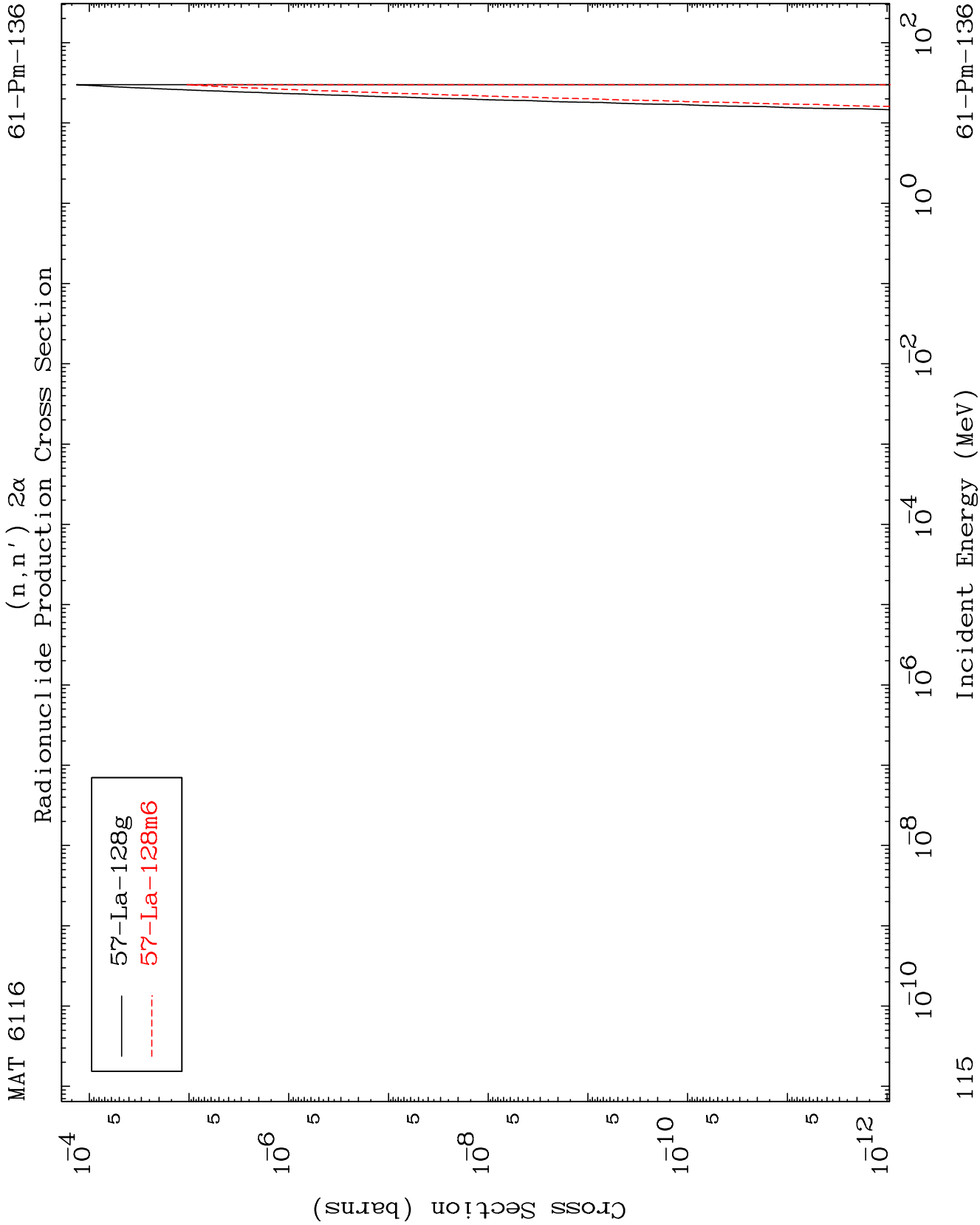


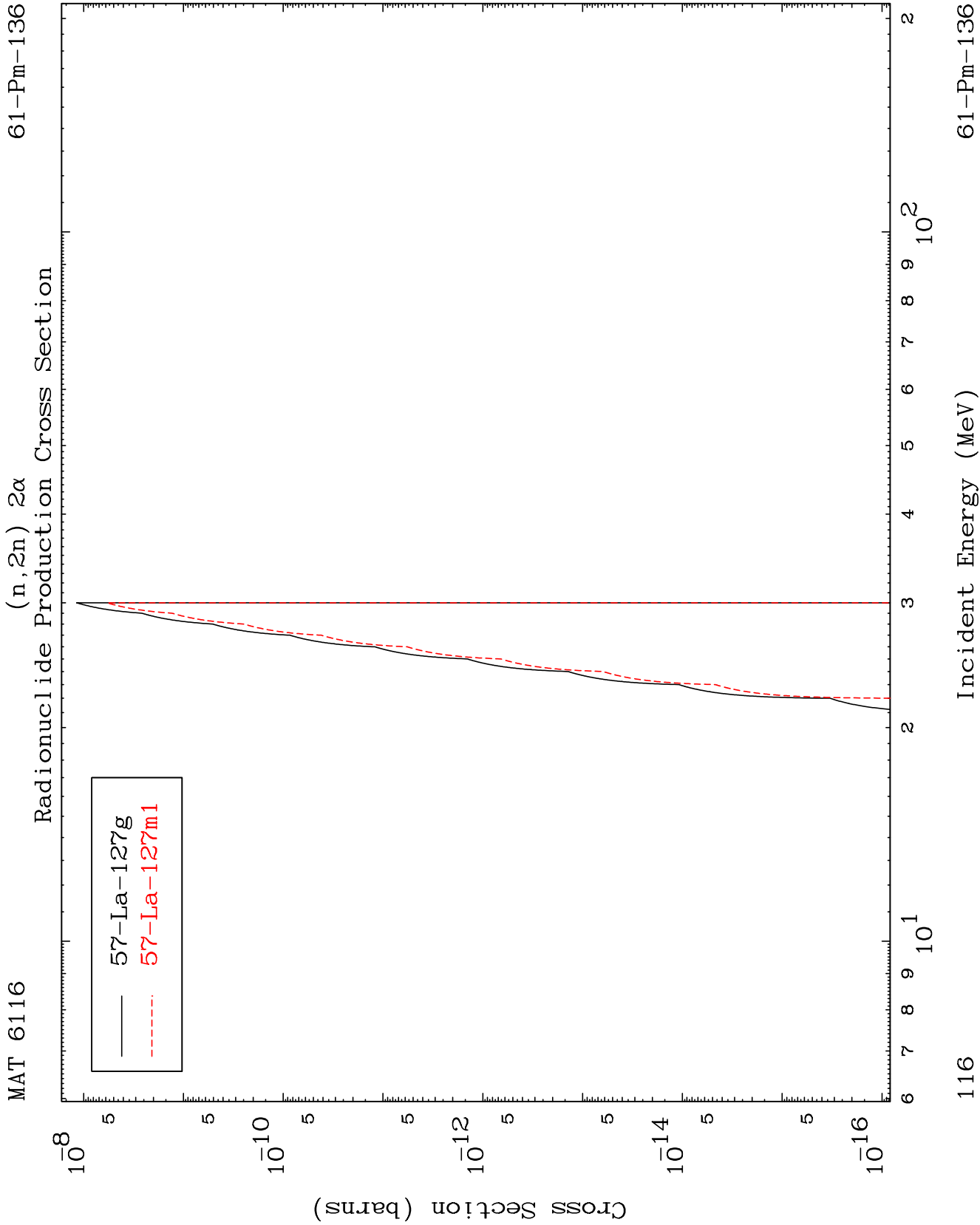




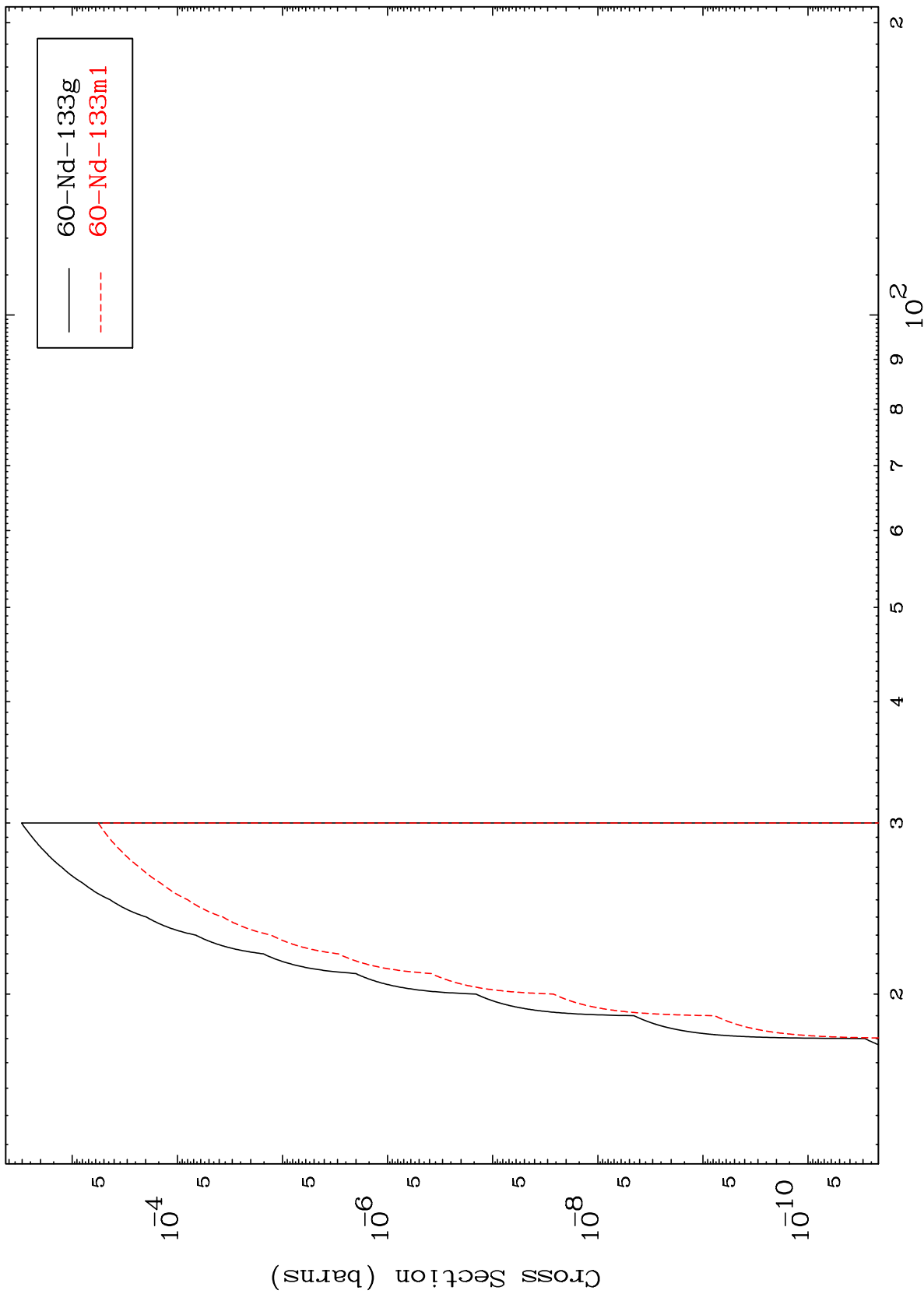


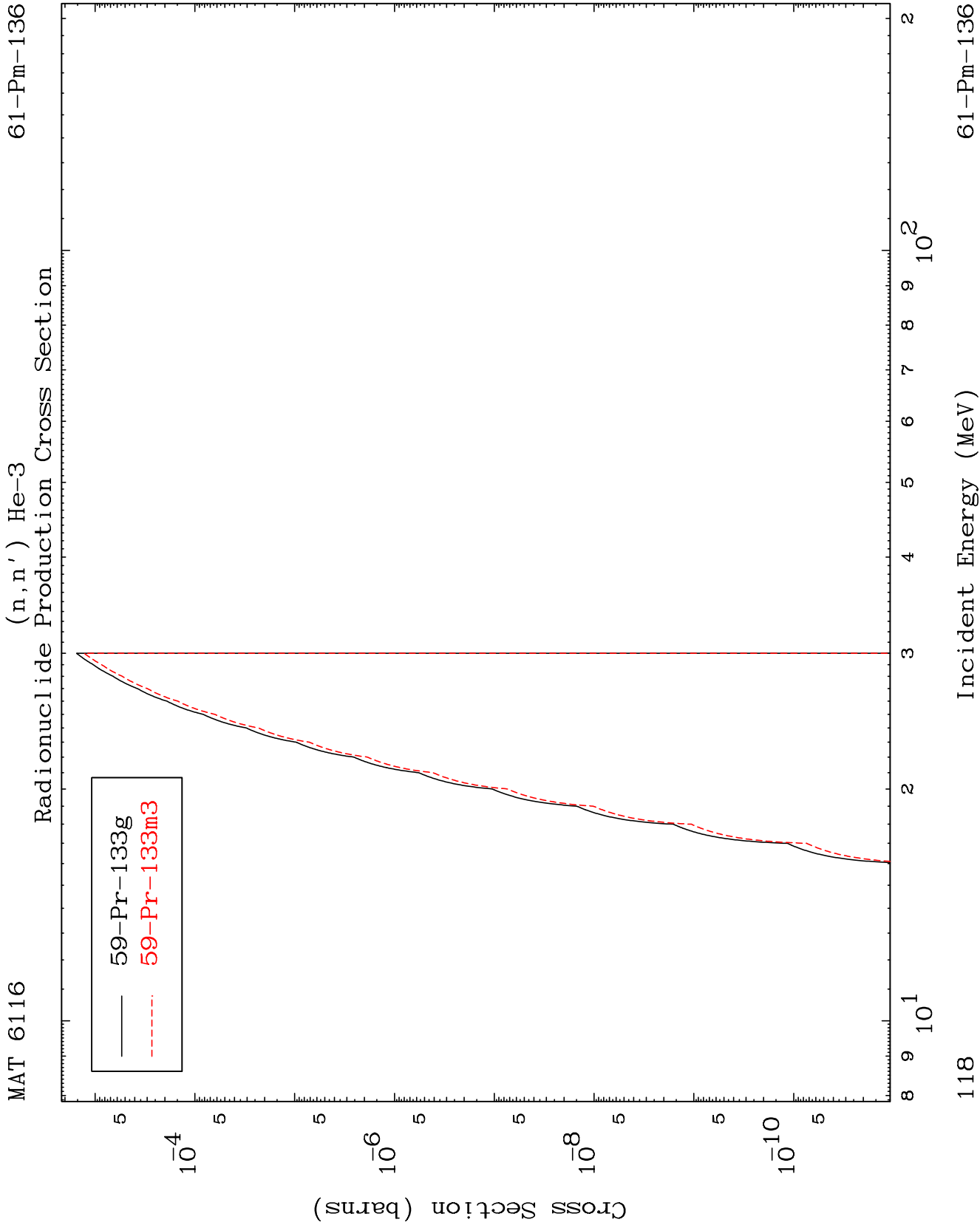


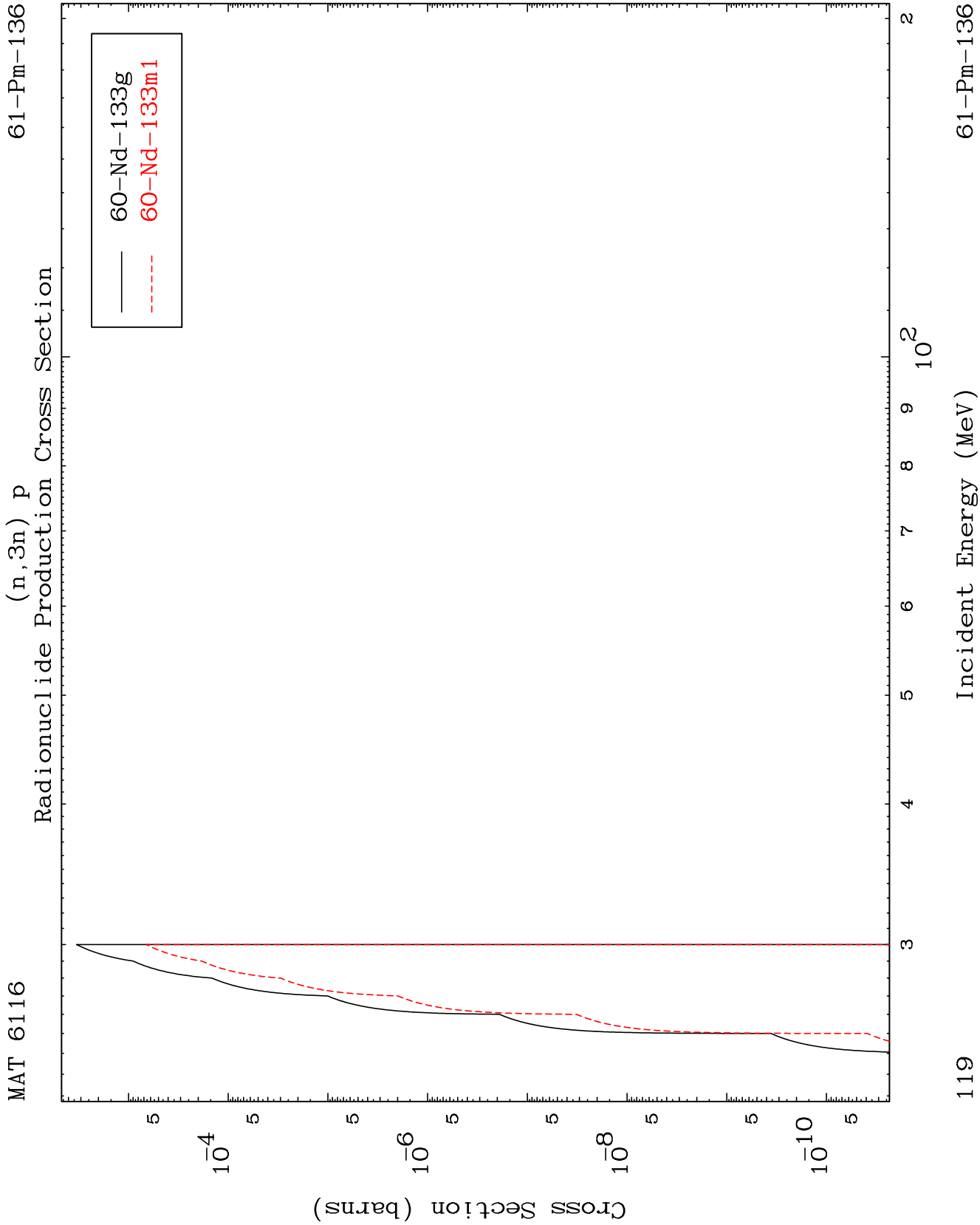


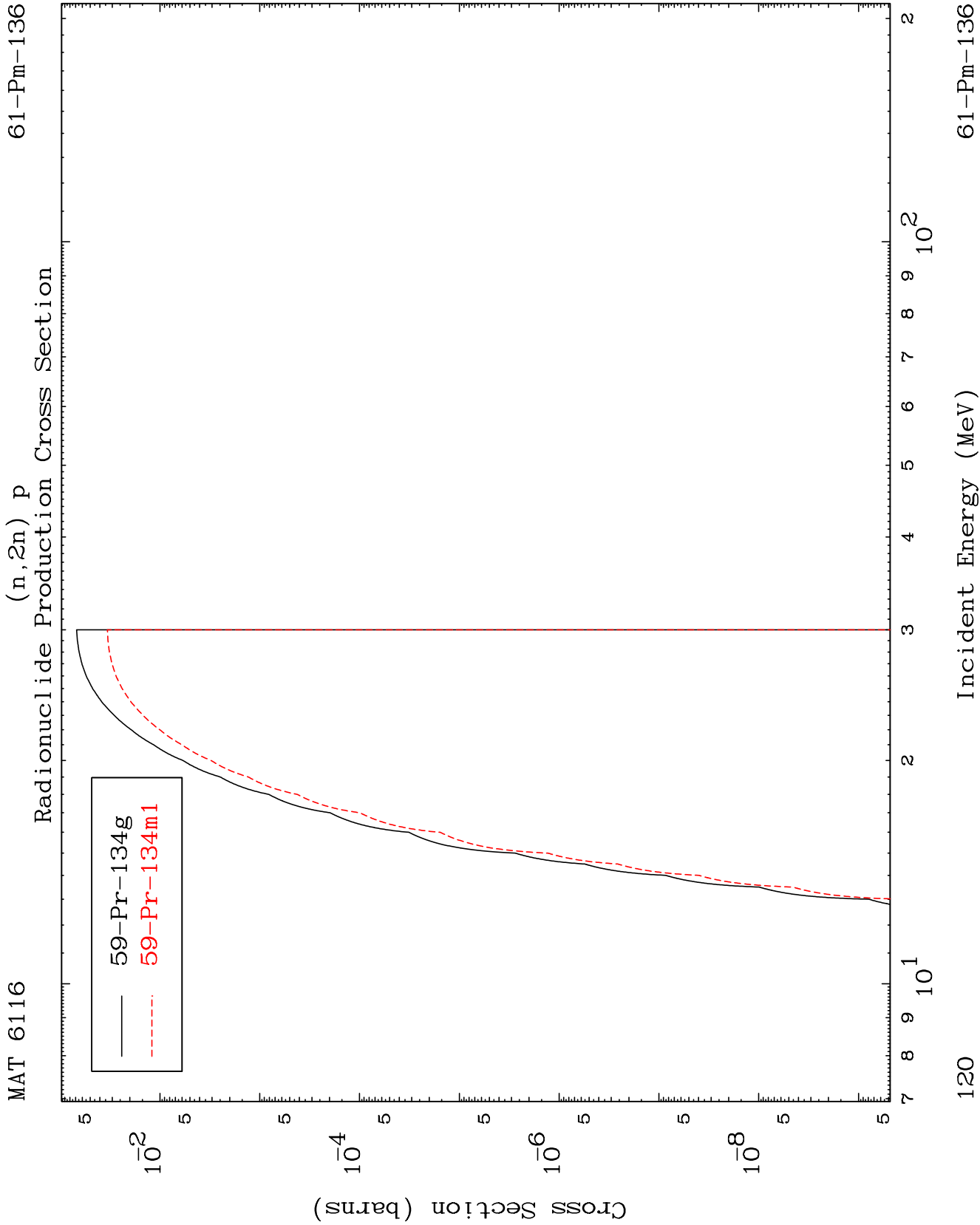


Radionuclide Production Cross Section

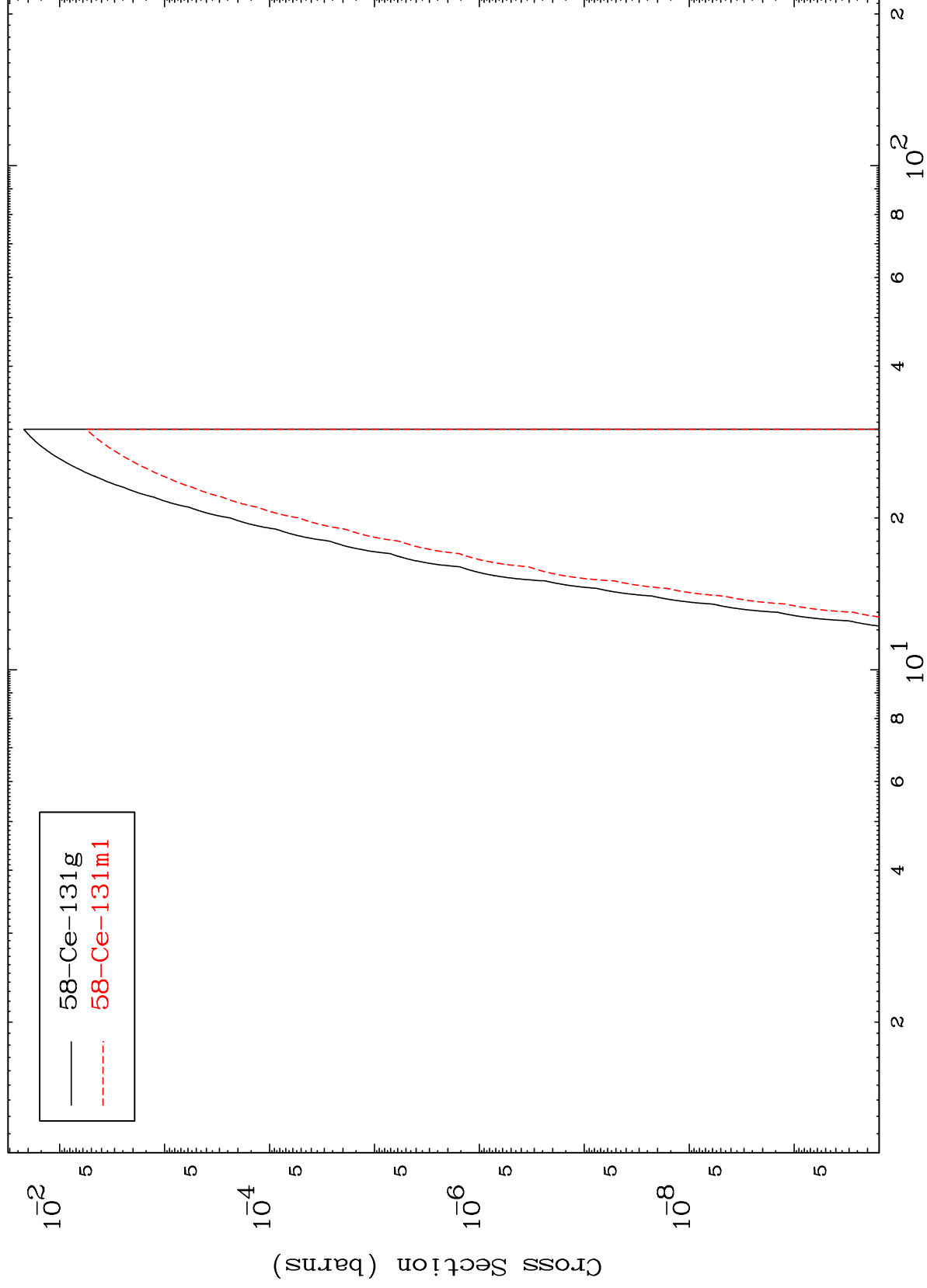


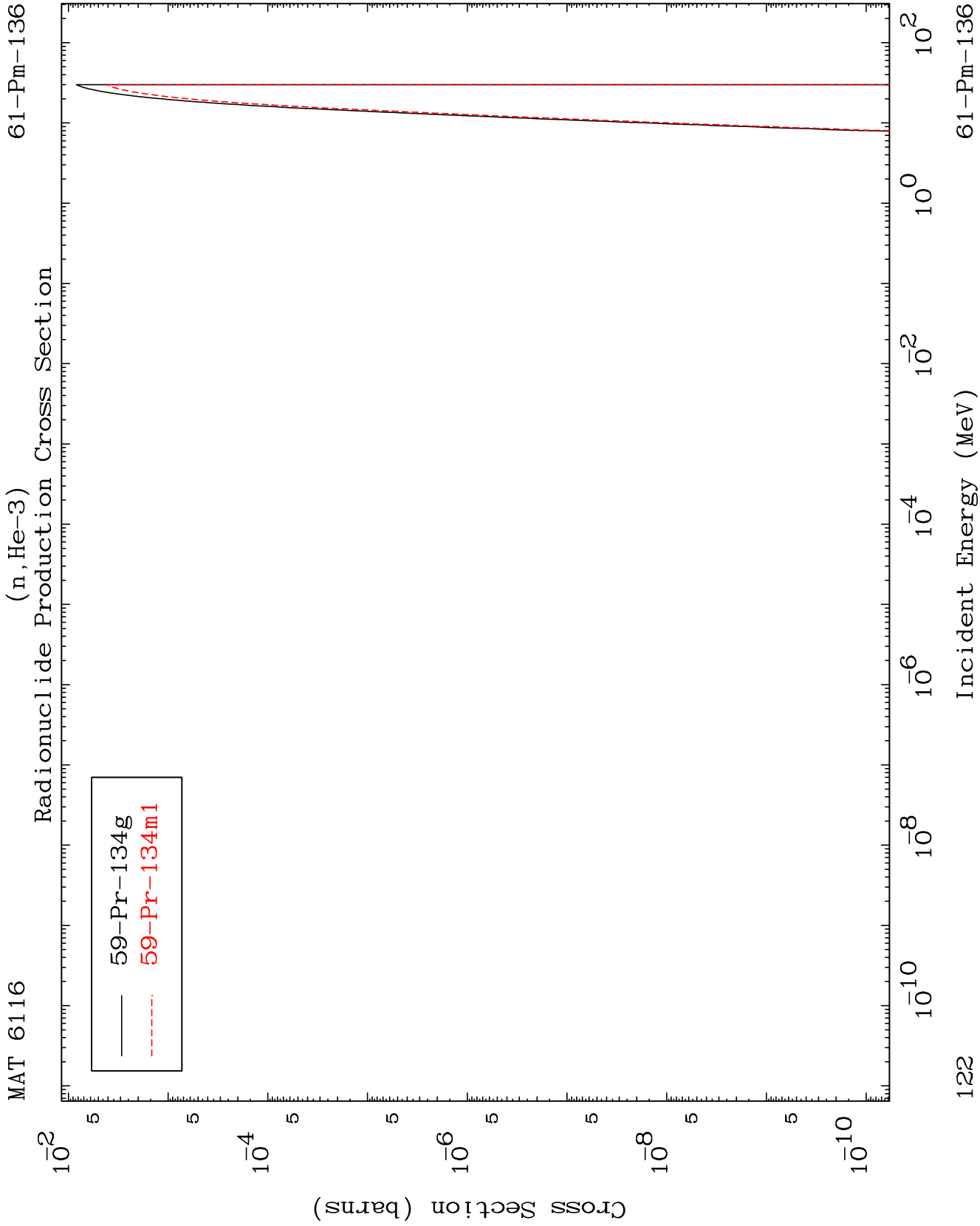


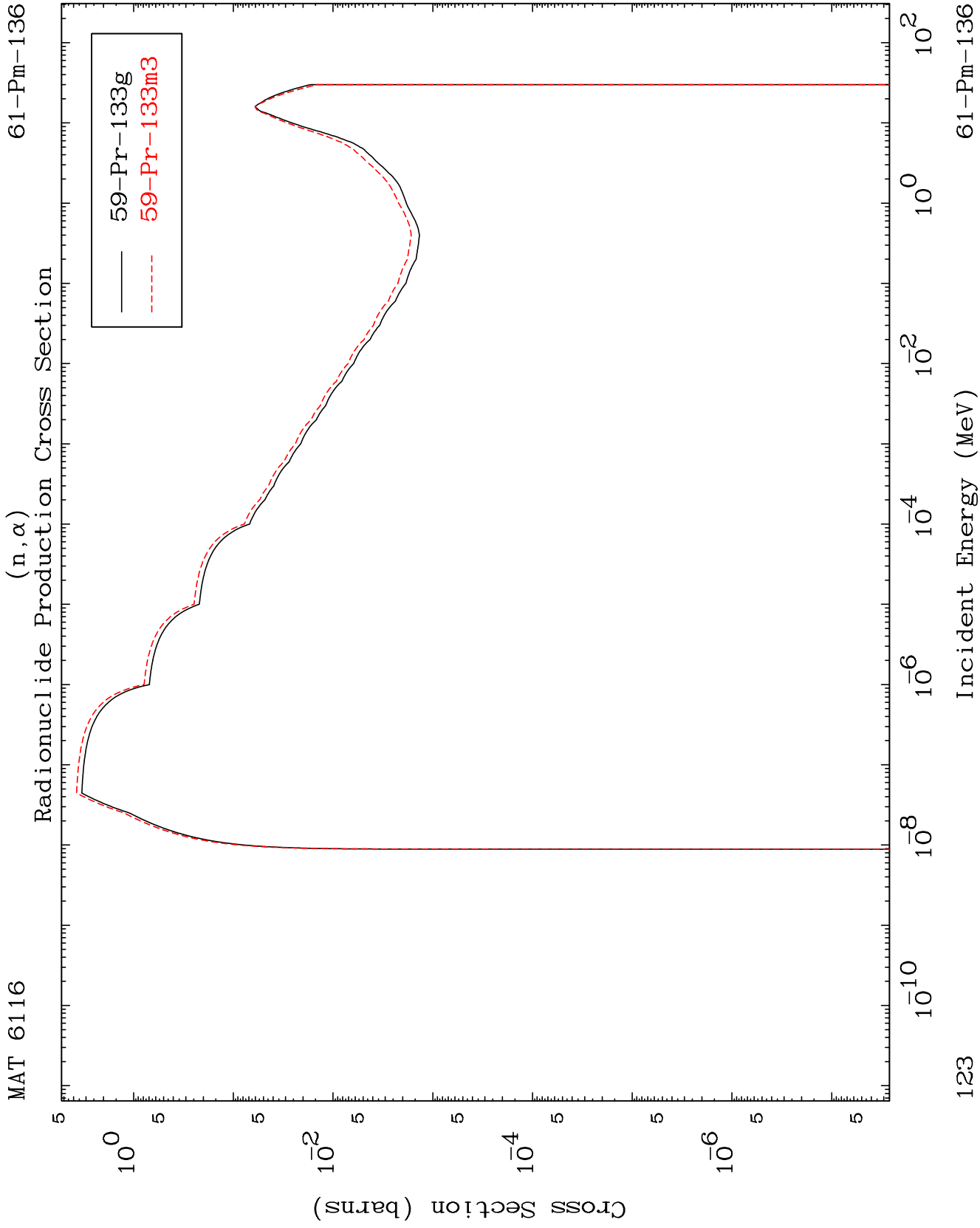




Radionuclide Production Cross Section
(n,n') p α



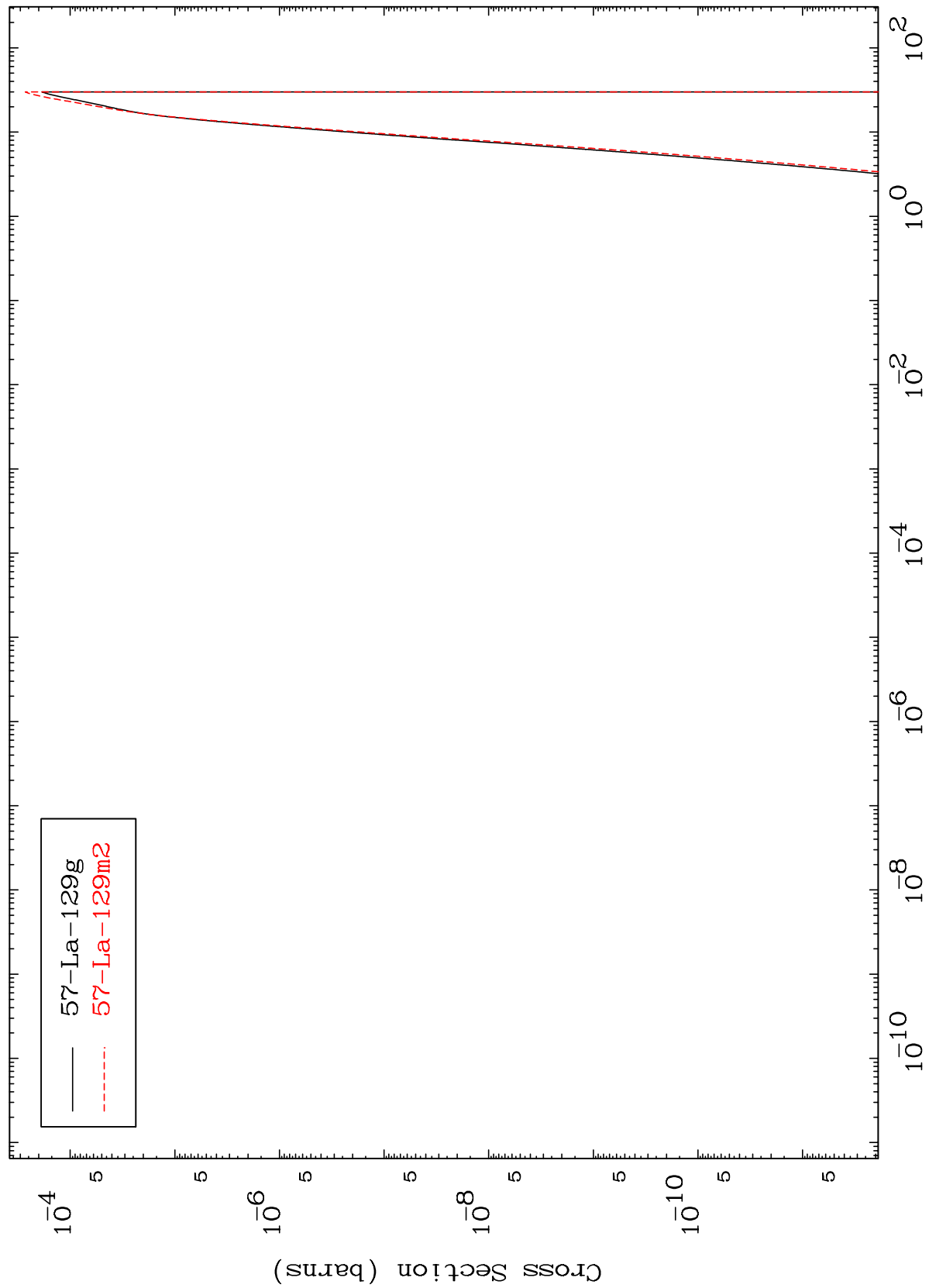




MAT 6116

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(n,2α)
Radionuclide Production Cross Section



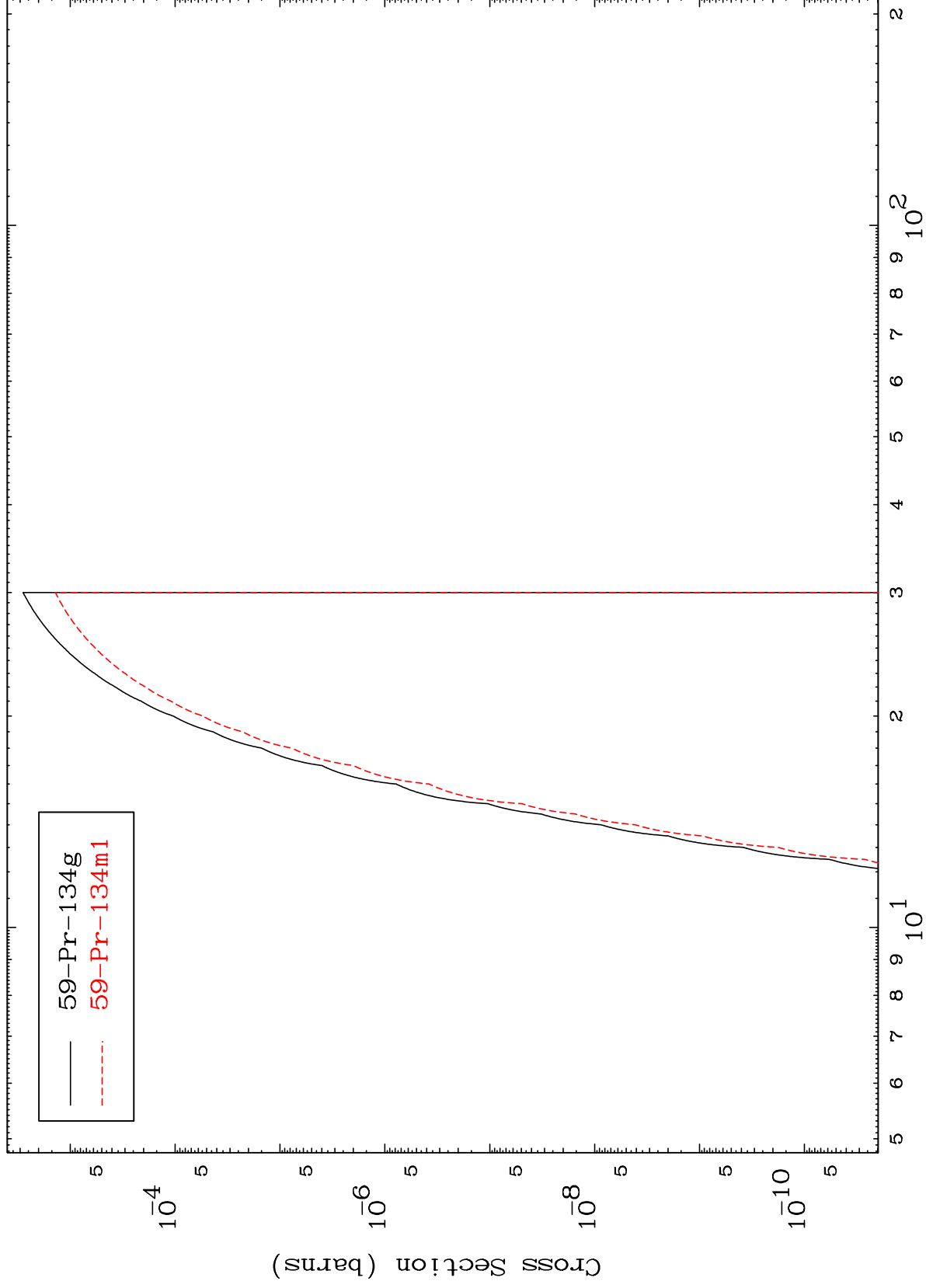
— 57-La-129g
- - - 57-La-129m2

MAT 6116

(n,p) d

61-Pm-136

Radionuclide Production Cross Section



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Incident Energy (MeV)

61-Pm-136

