

Program EVALPLOT
(Version 2021-1)

by

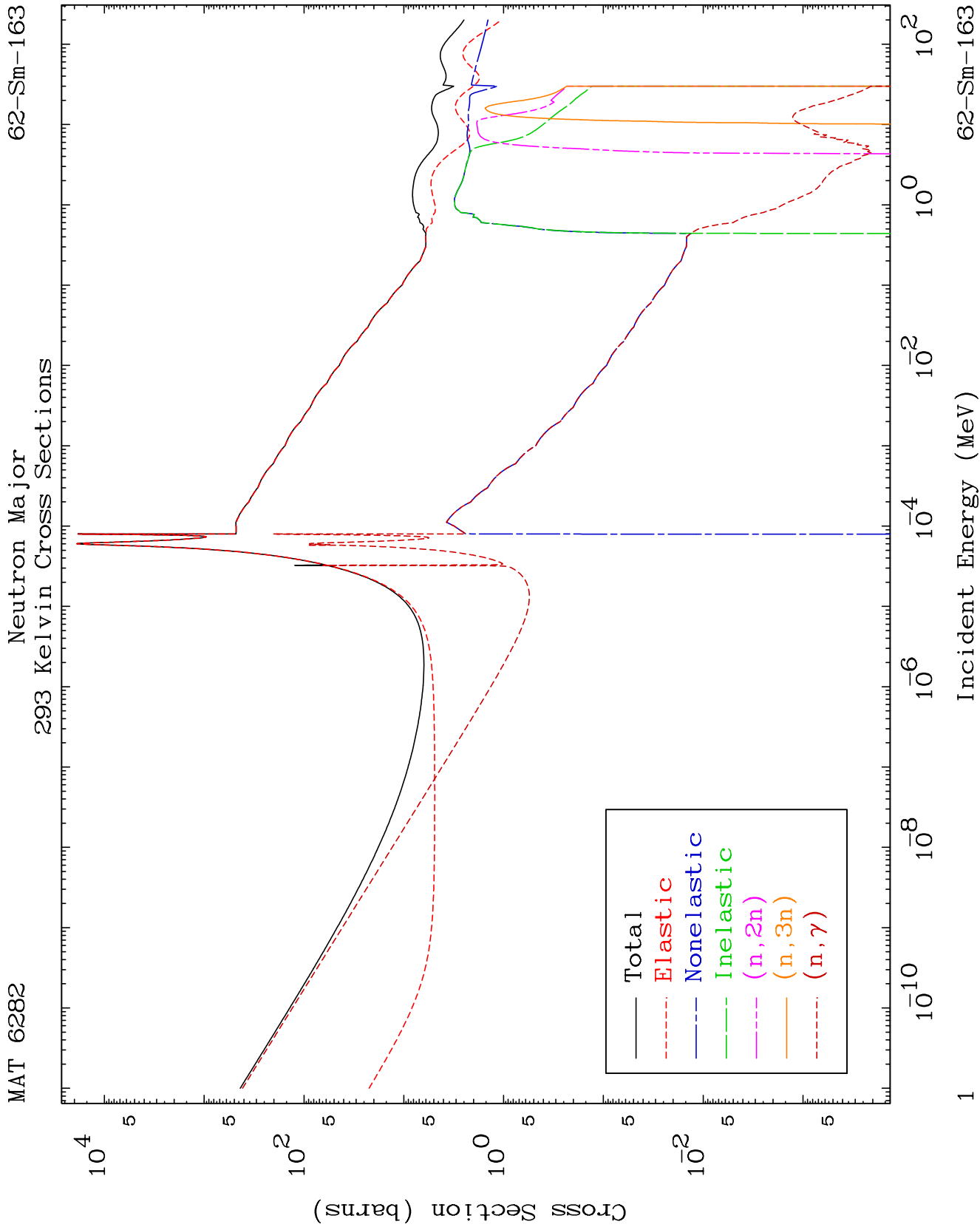
Dermott E. Cullen
(Present Contact Information)

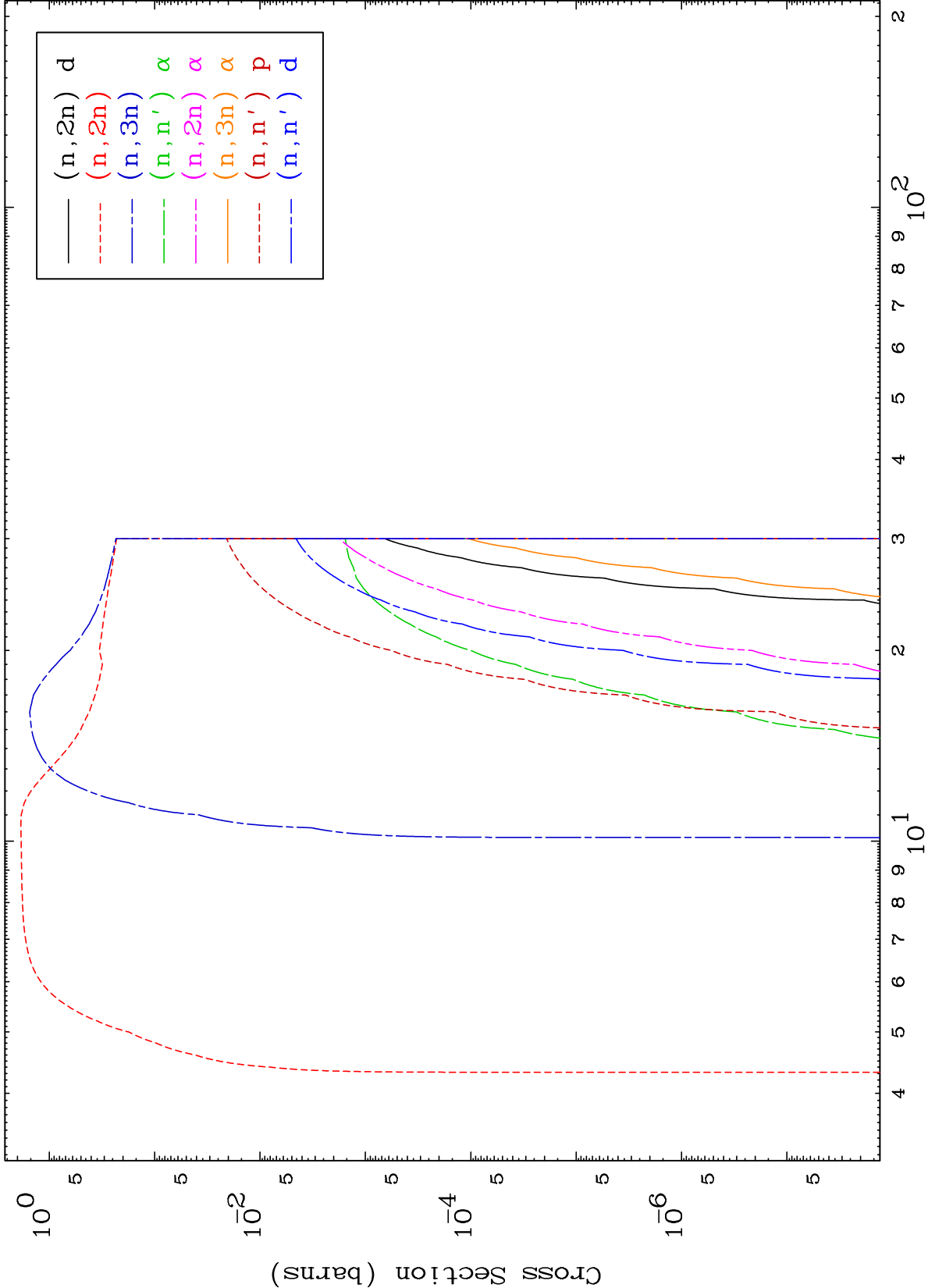
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

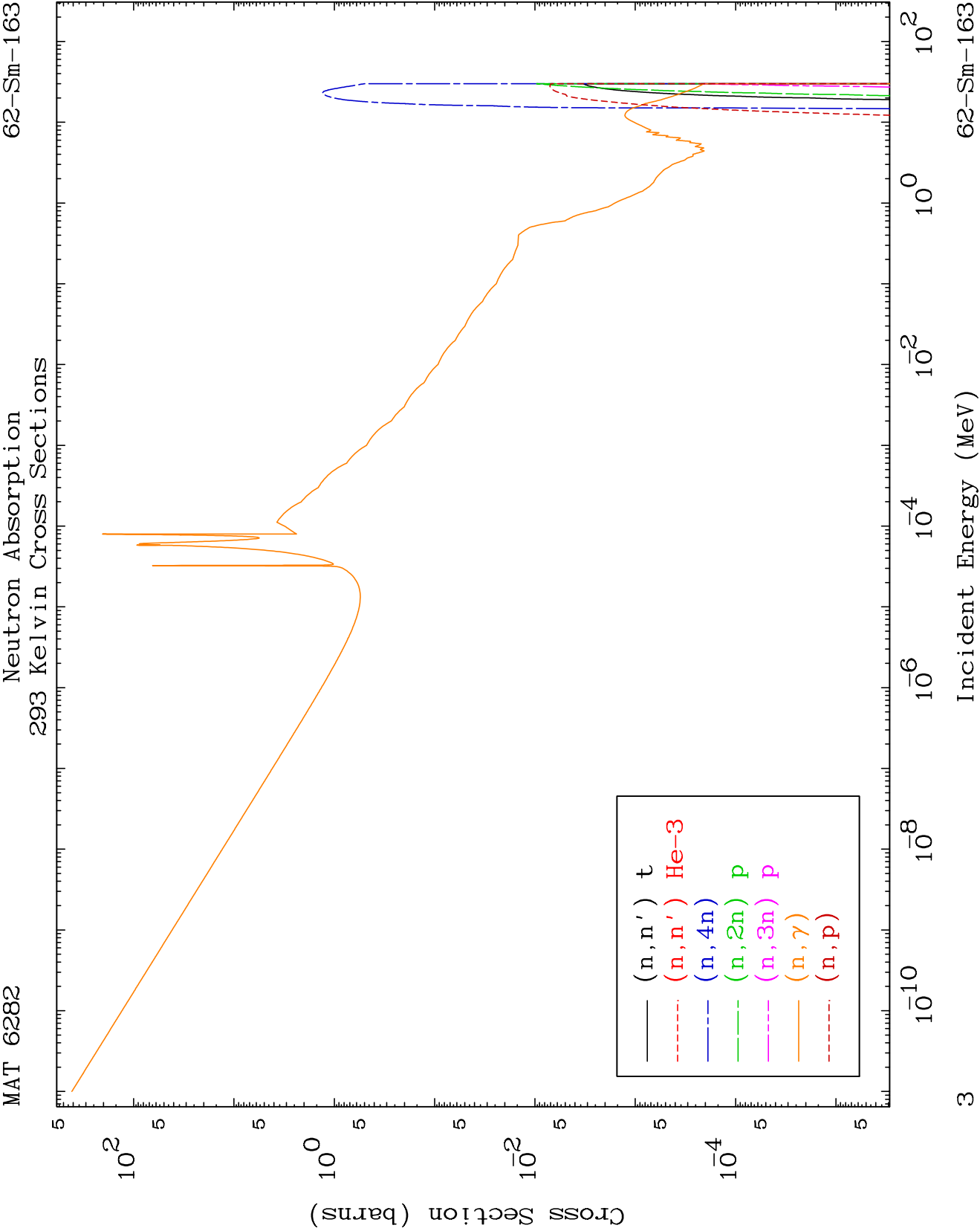
Tele: 925-443-1911

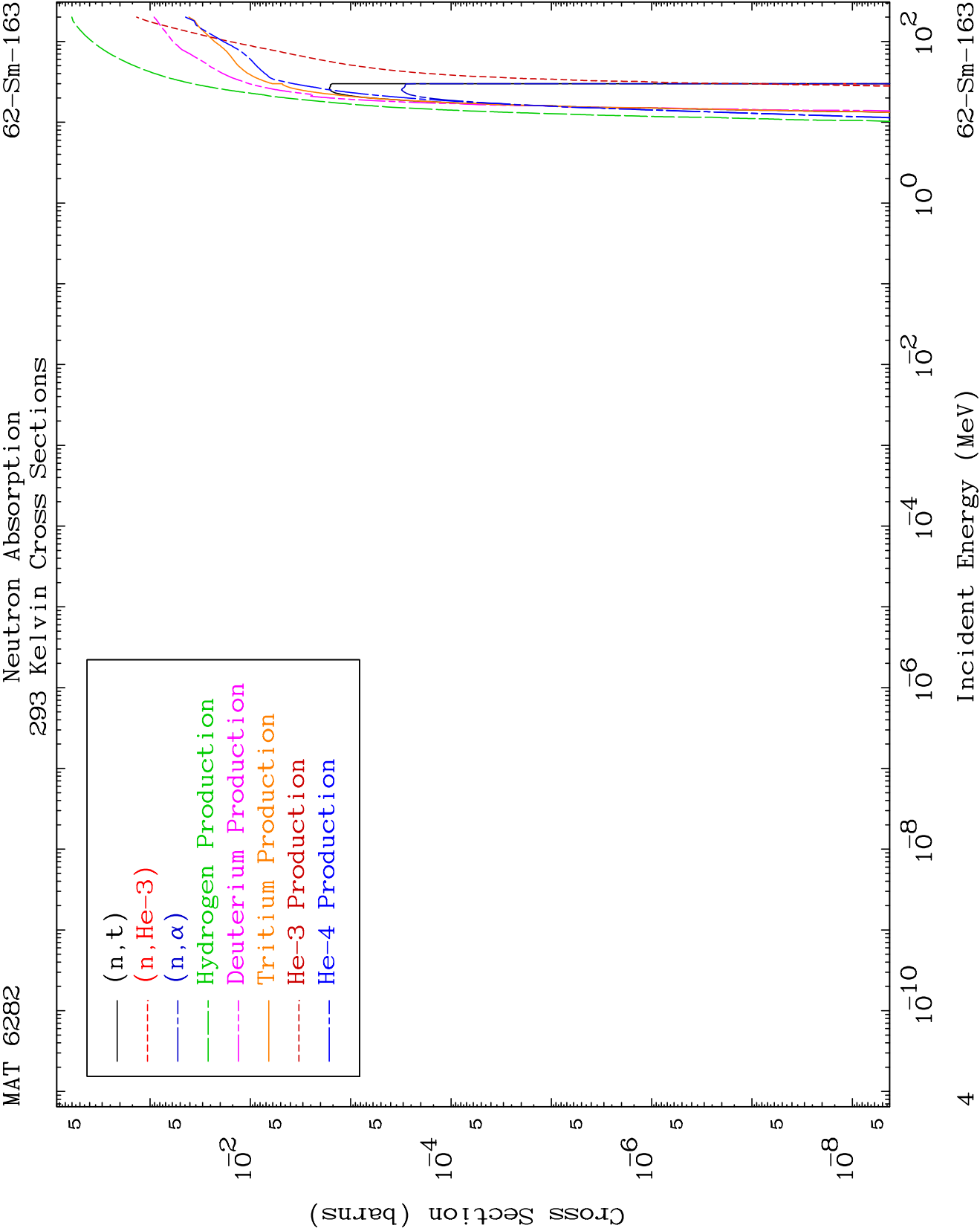
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

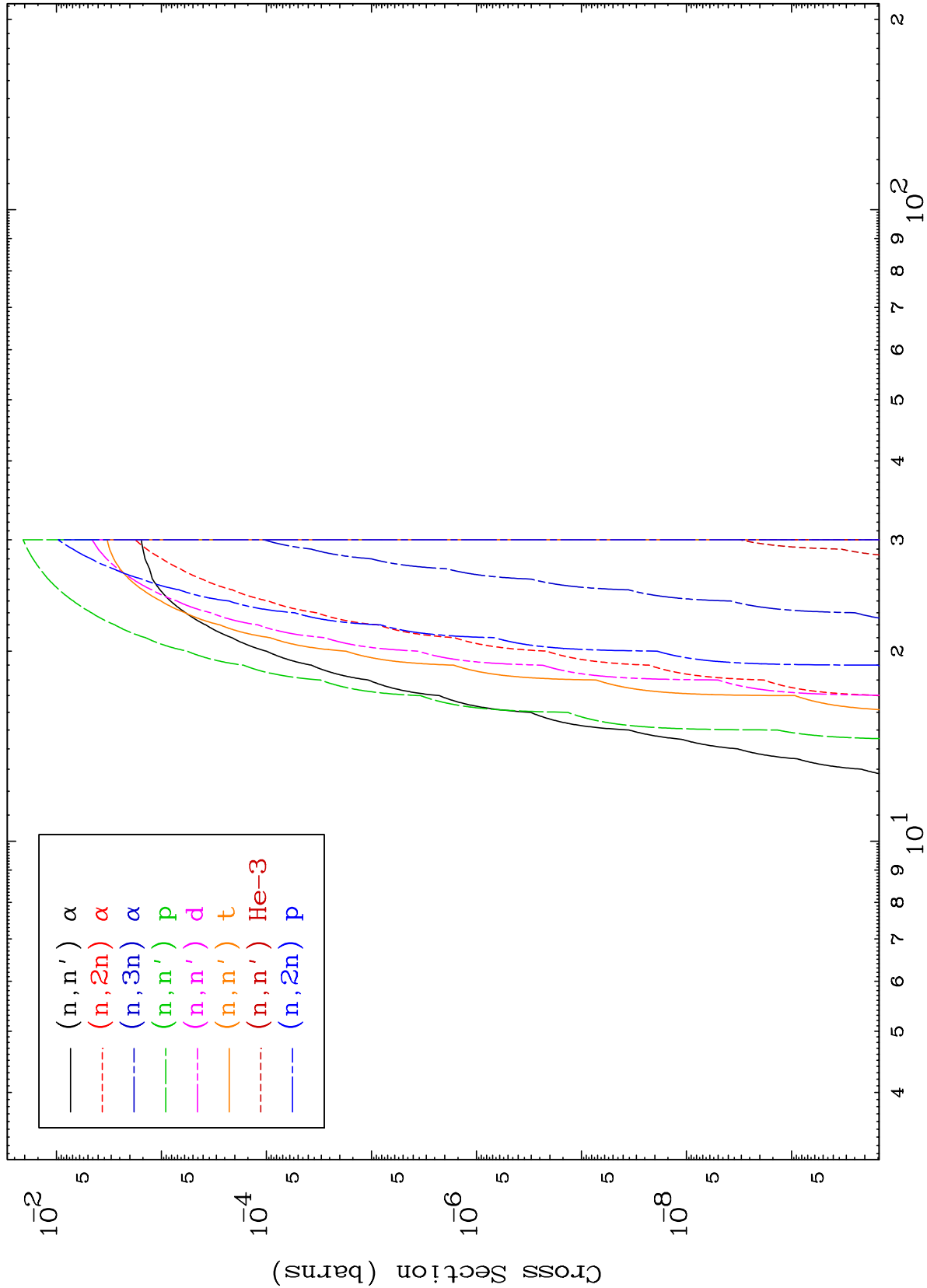
Press Mouse Button to Start

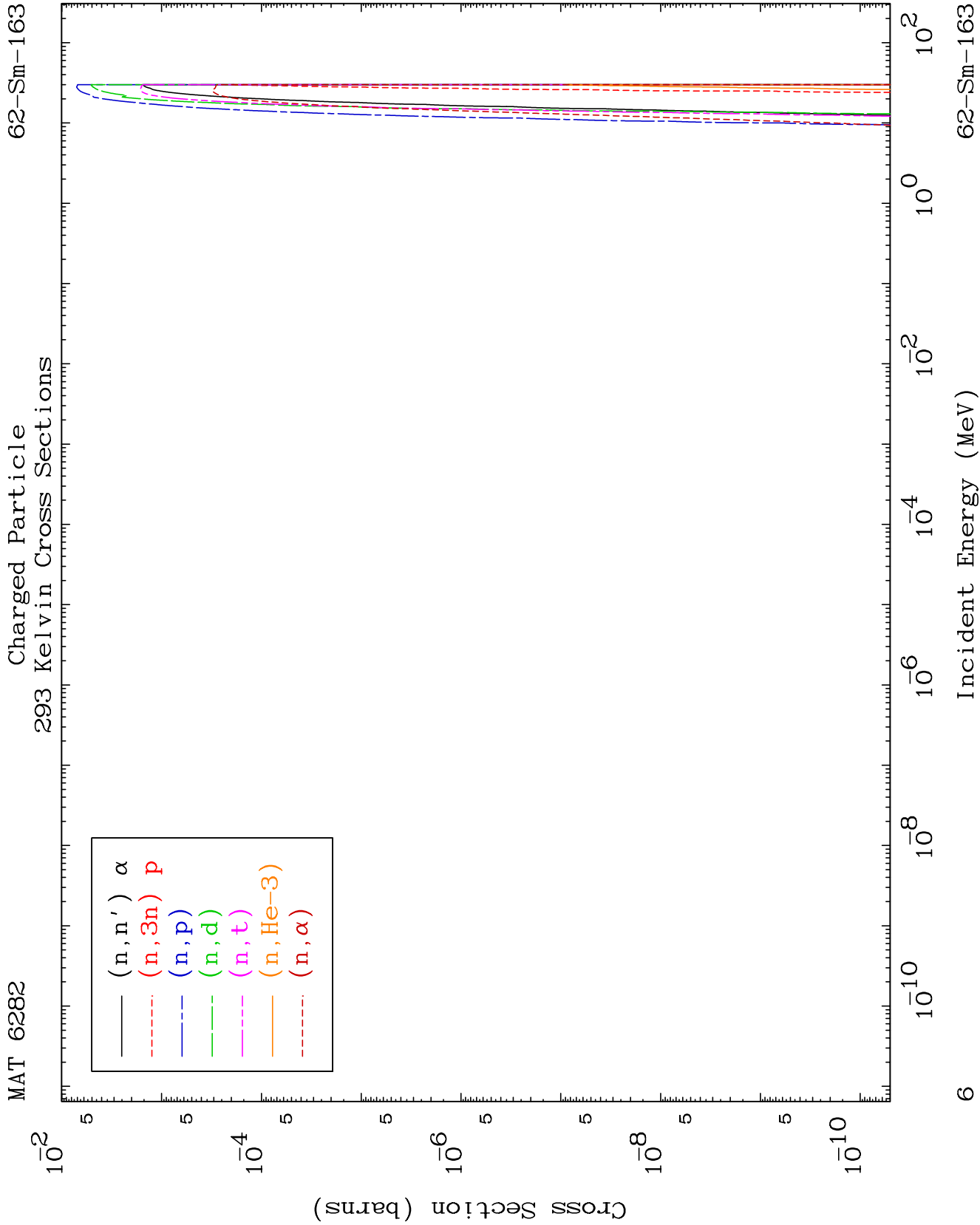


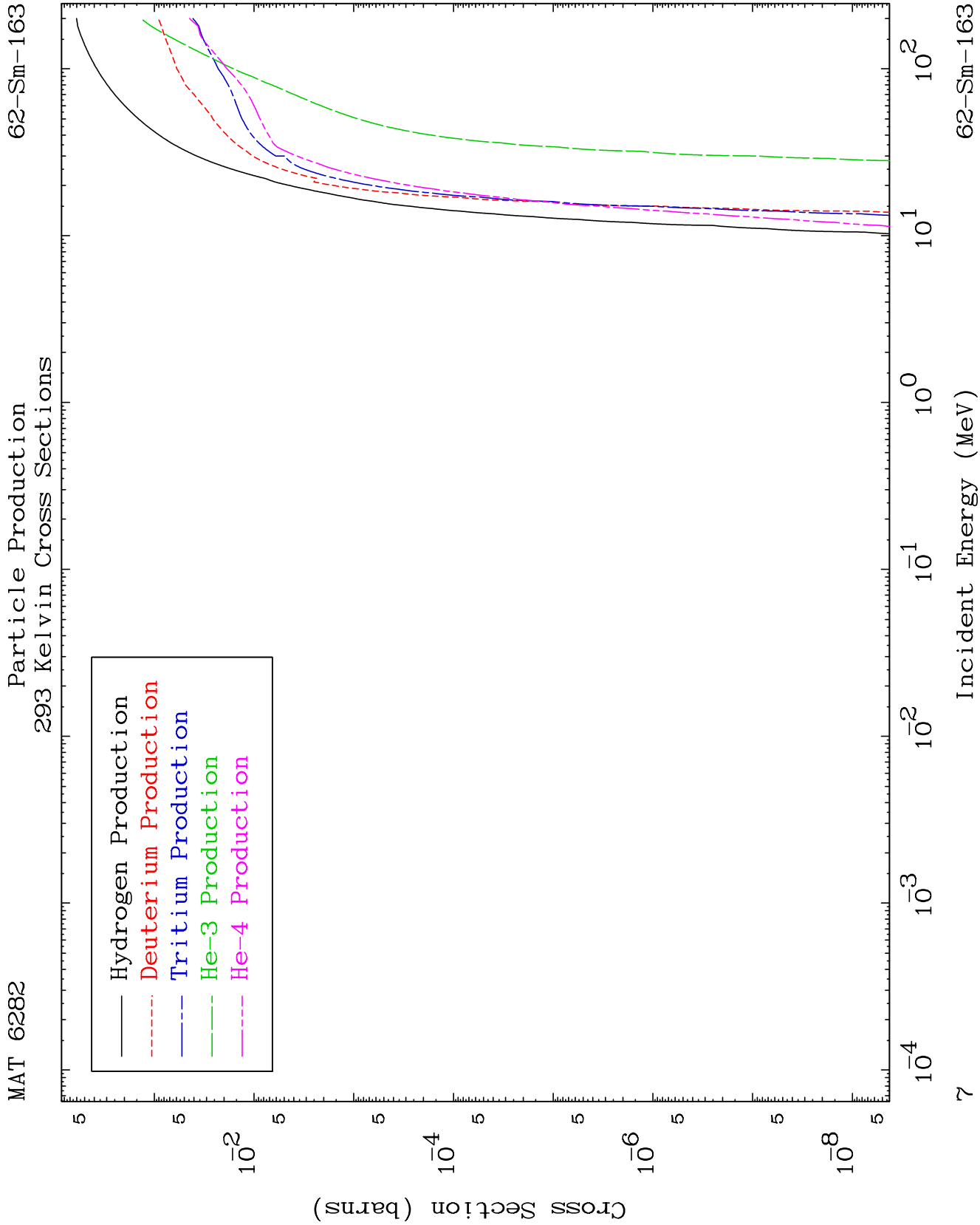


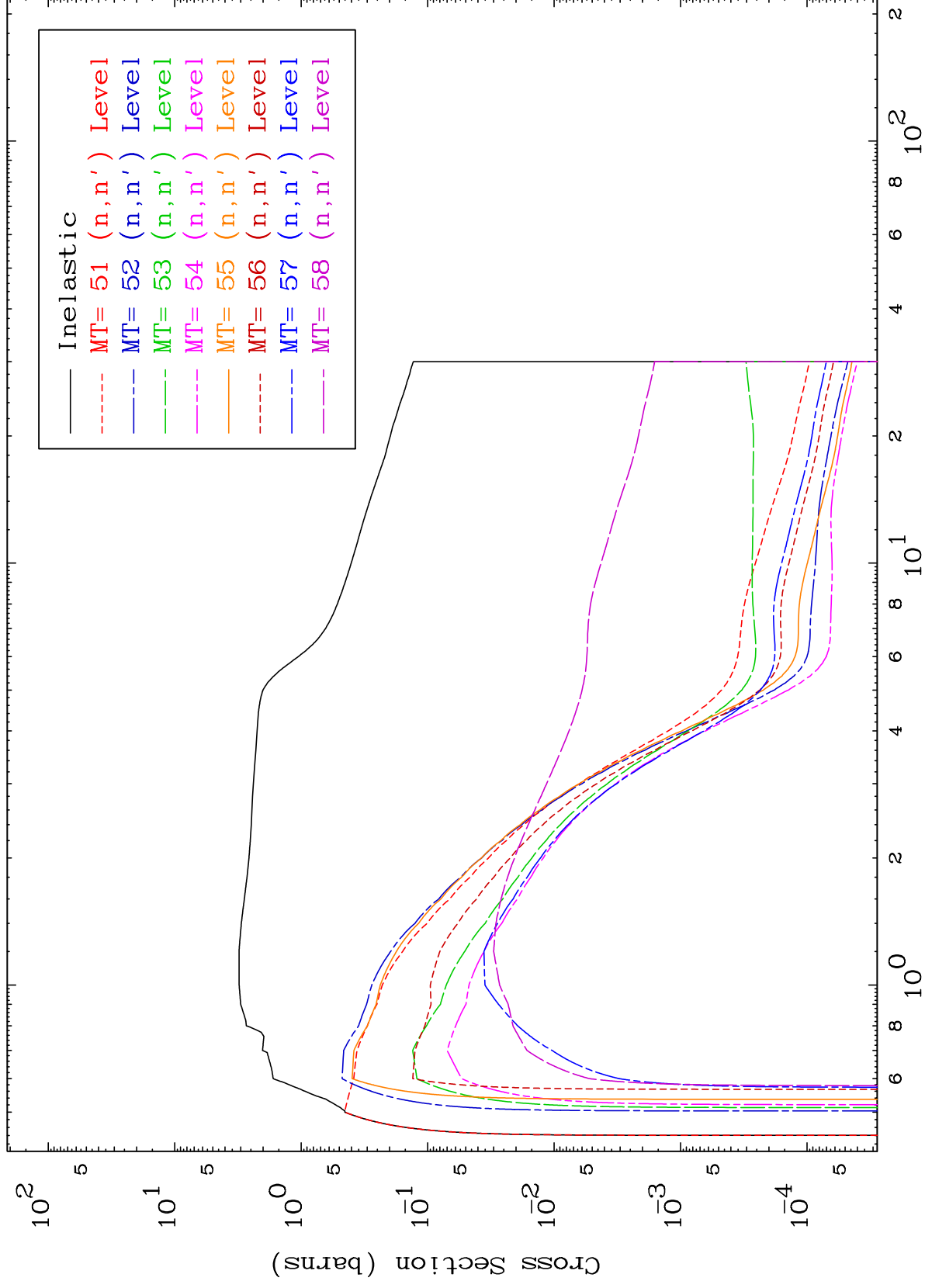




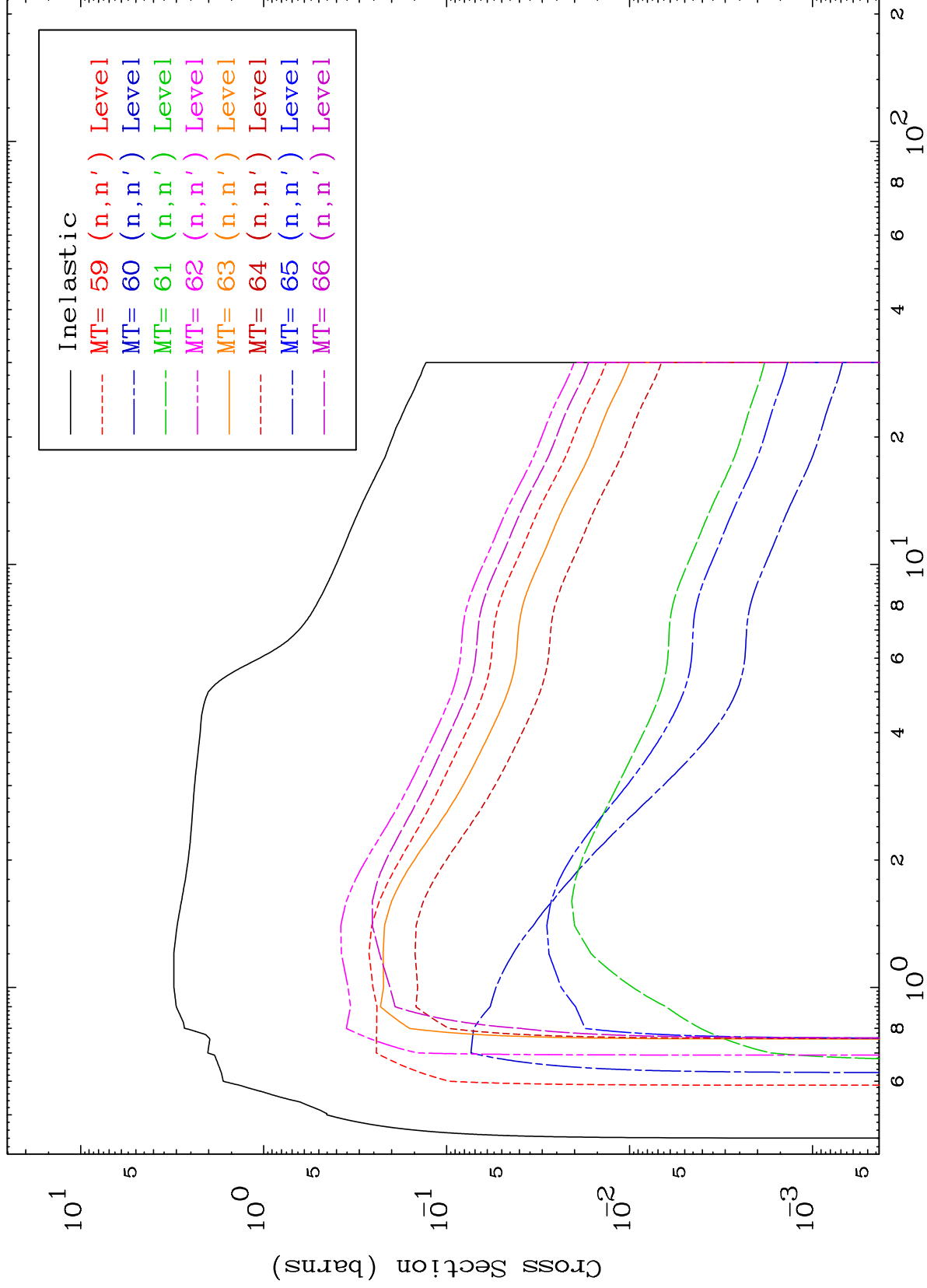








(n,n') Levels
293 Kelvin Cross Sections

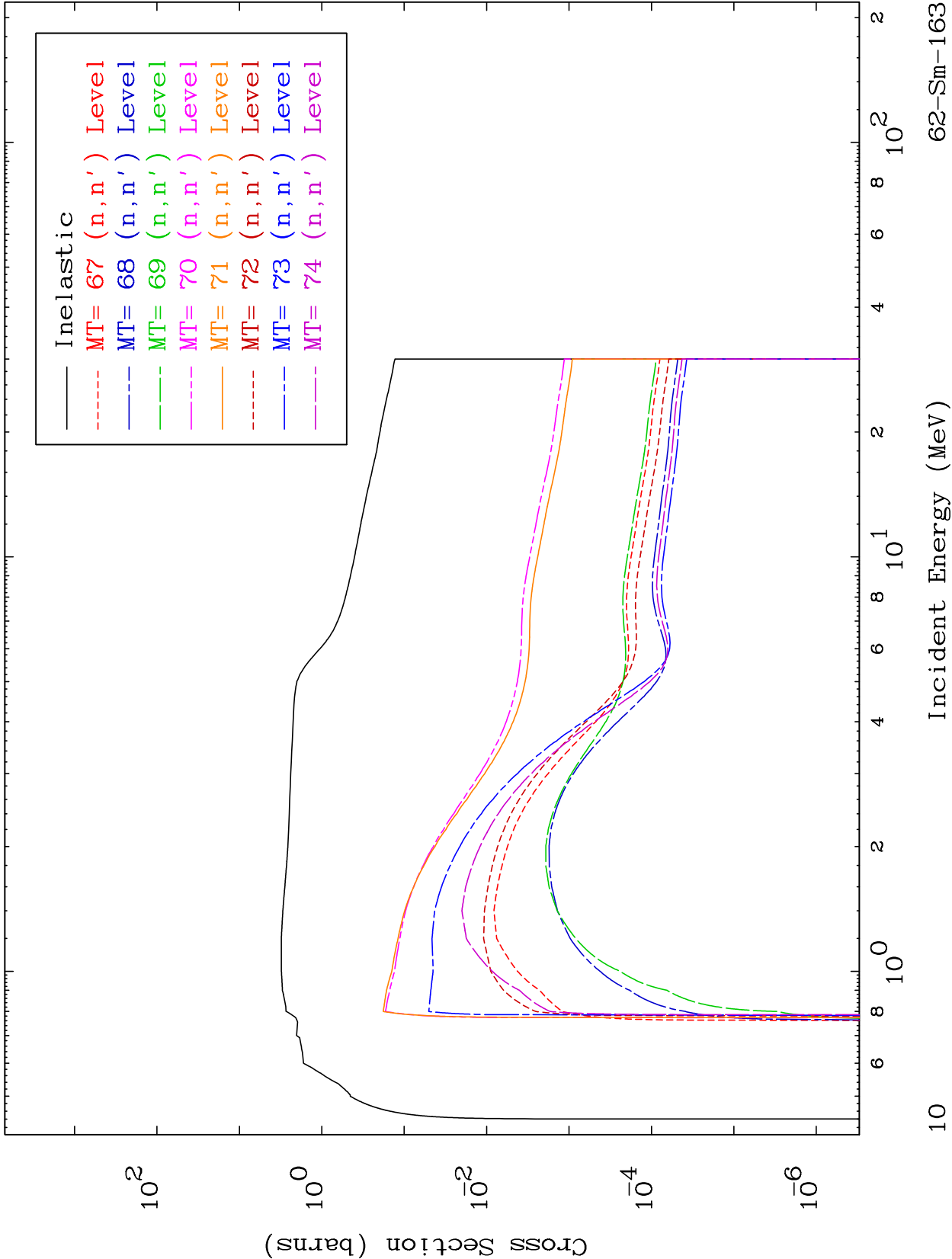


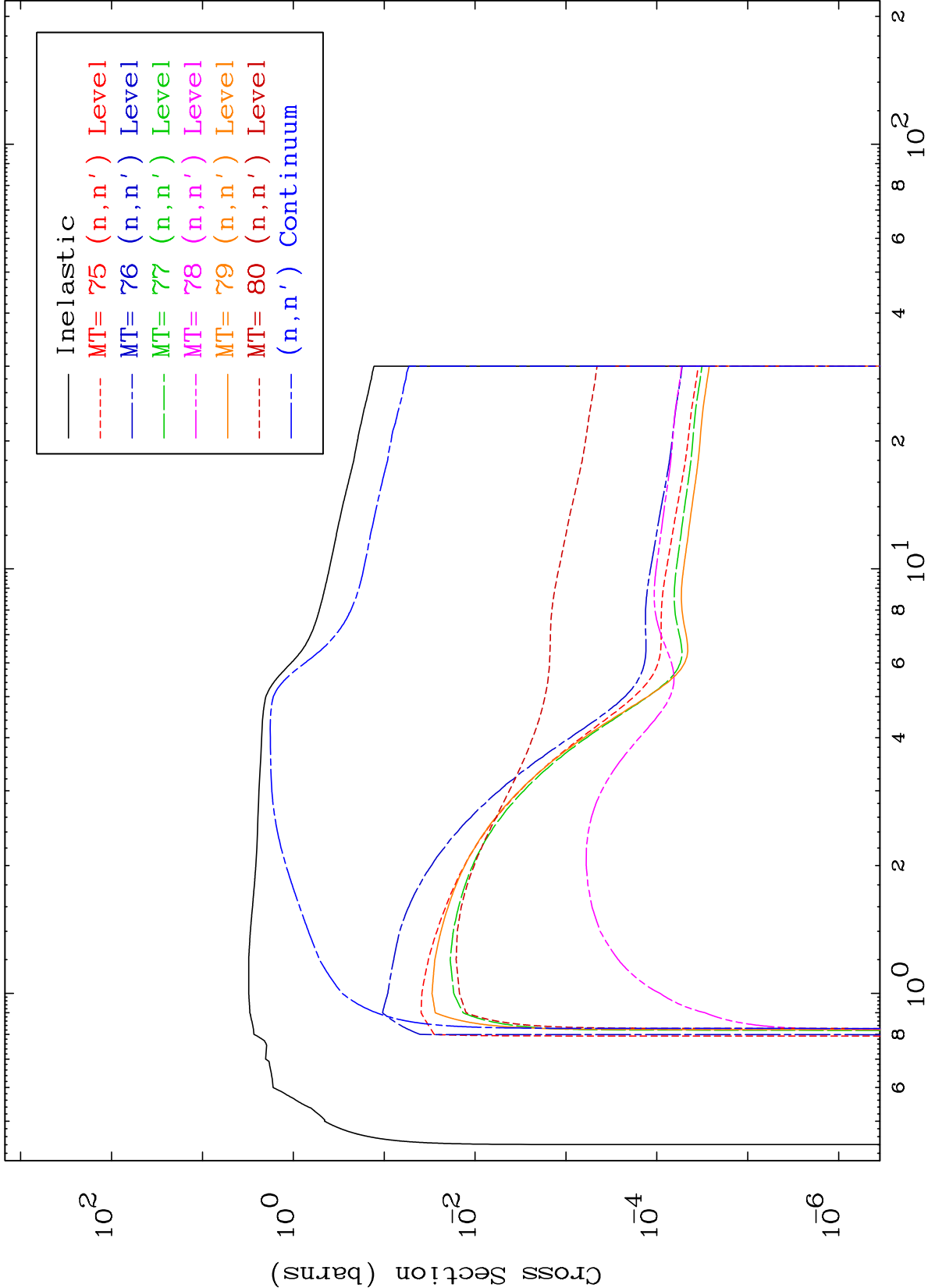
MAT 6282

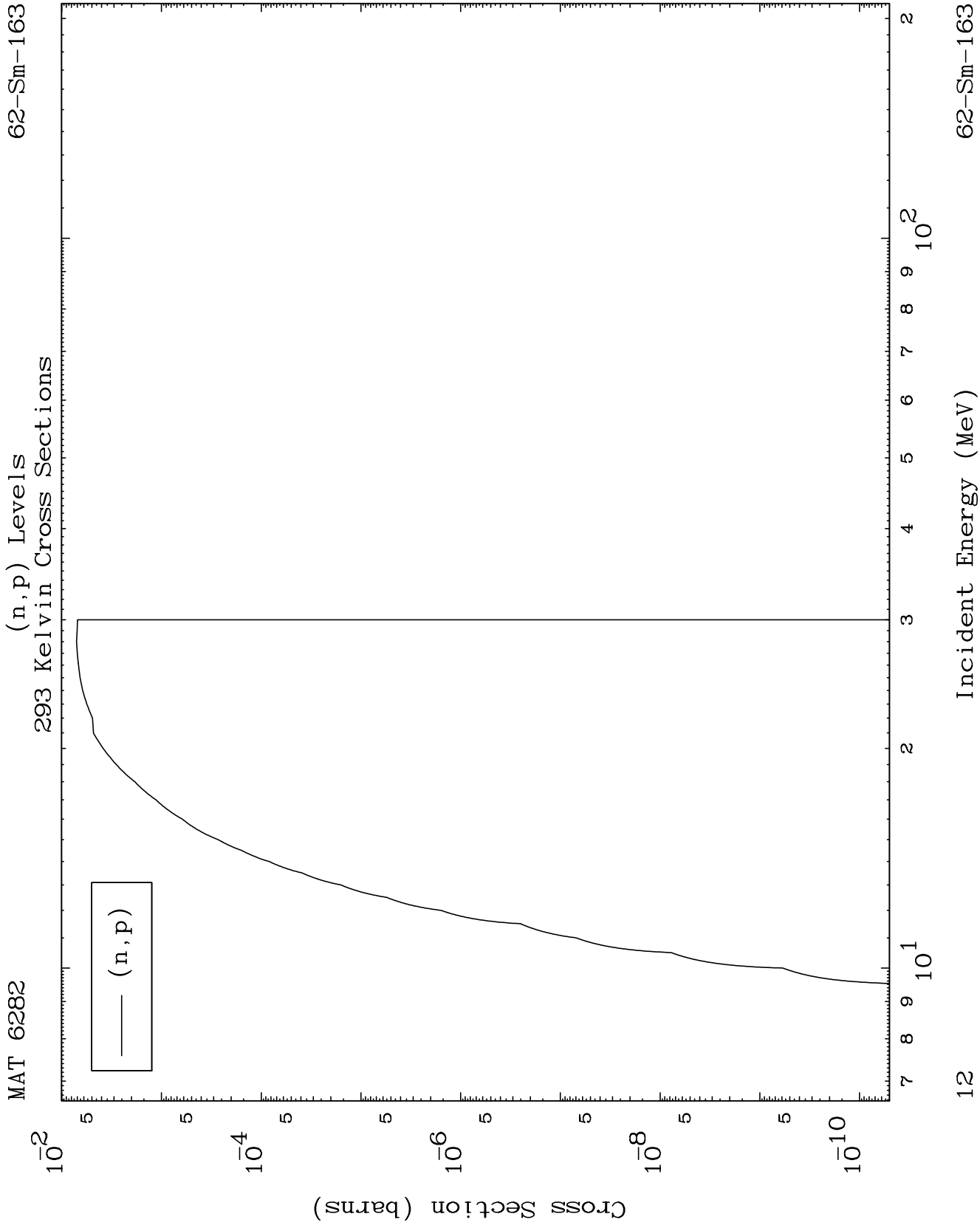
(n,n') Levels

293 Kelvin Cross Sections

62-Sm-163



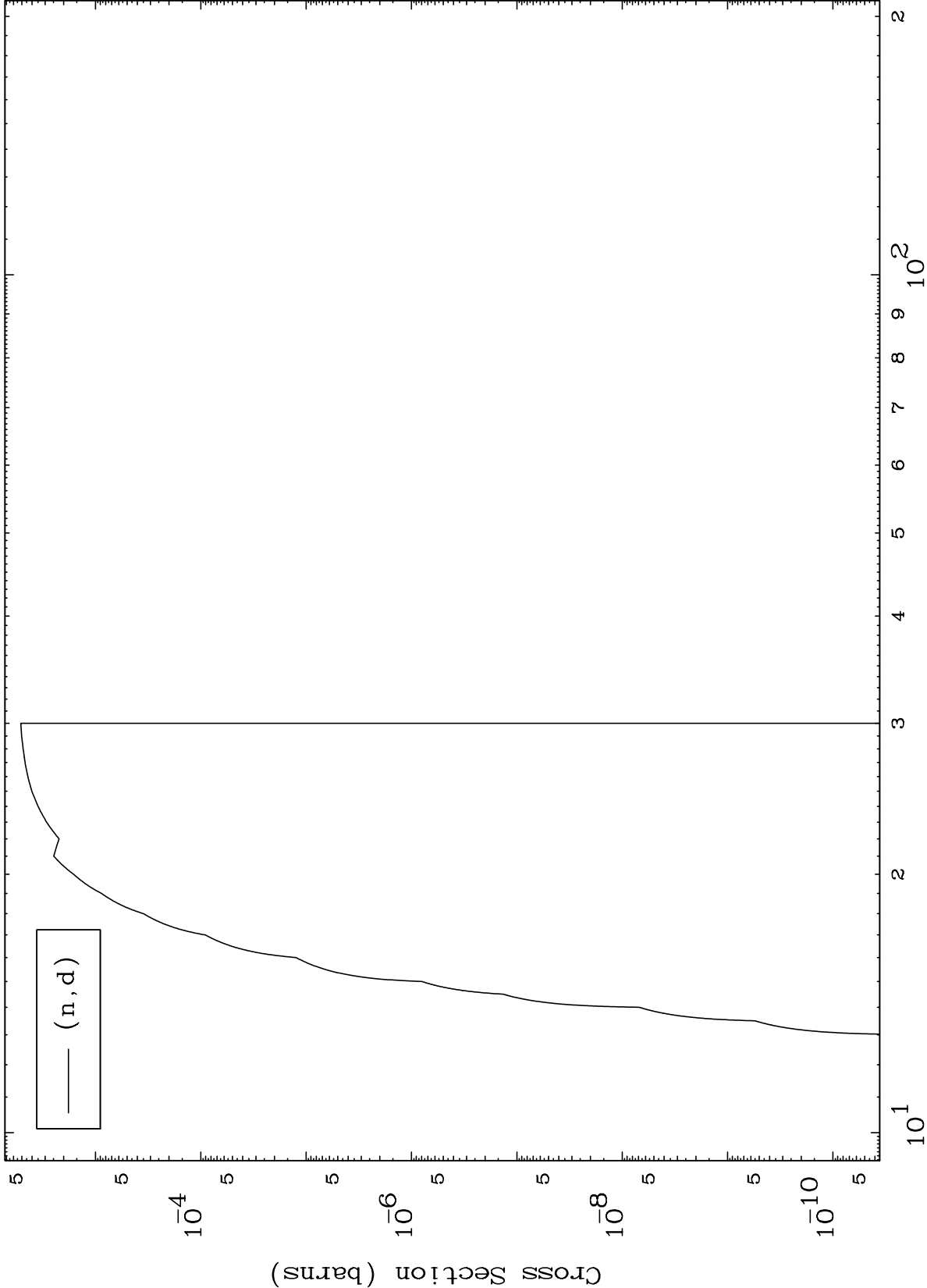




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(n,d) Levels
293 Kelvin Cross Sections

62-Sm-163



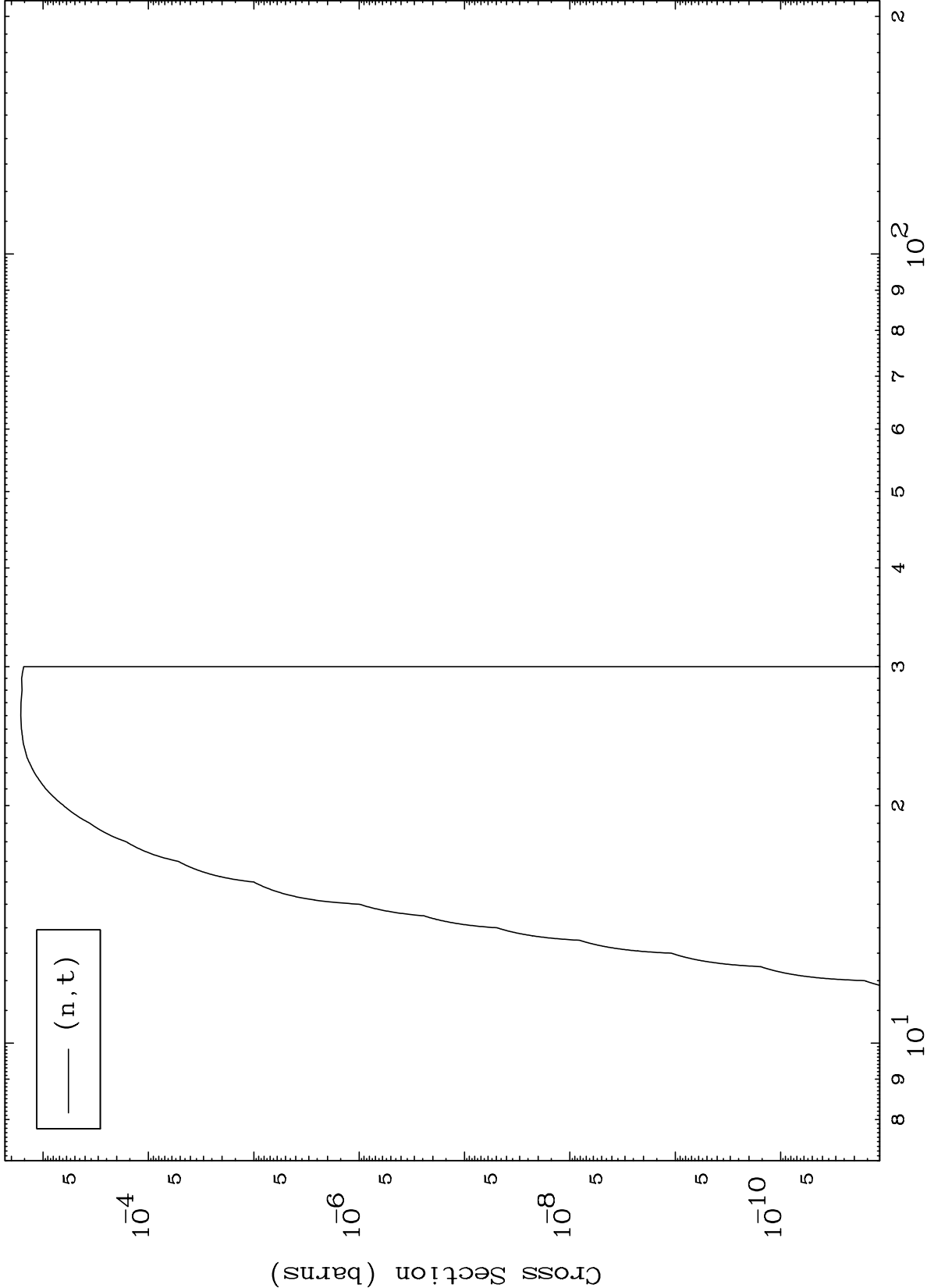
Incident Energy (MeV)

62-Sm-163

MAT 6282

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-163



14

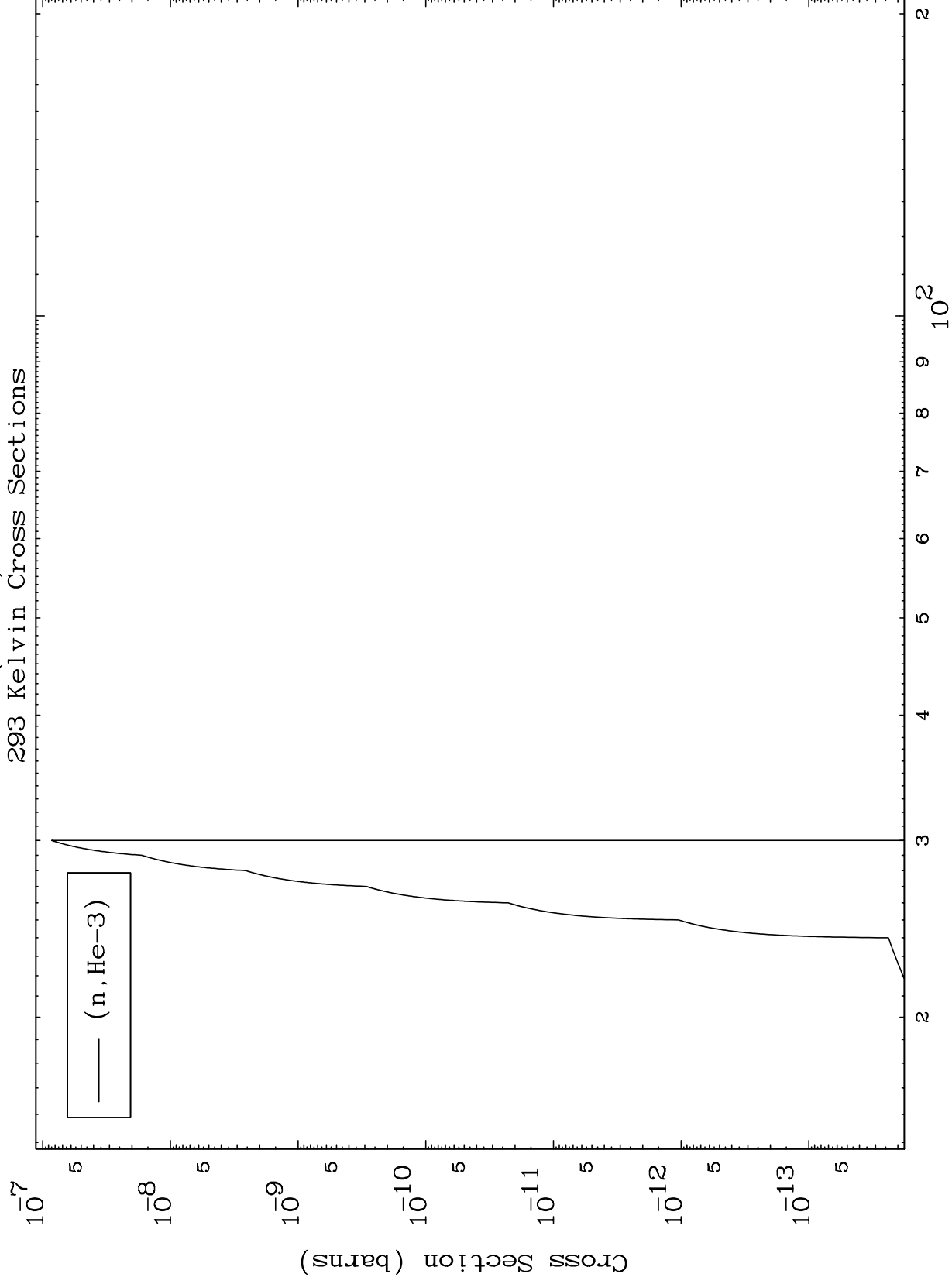
Incident Energy (MeV)

62-Sm-163

MAT 6282

62-Sm-163

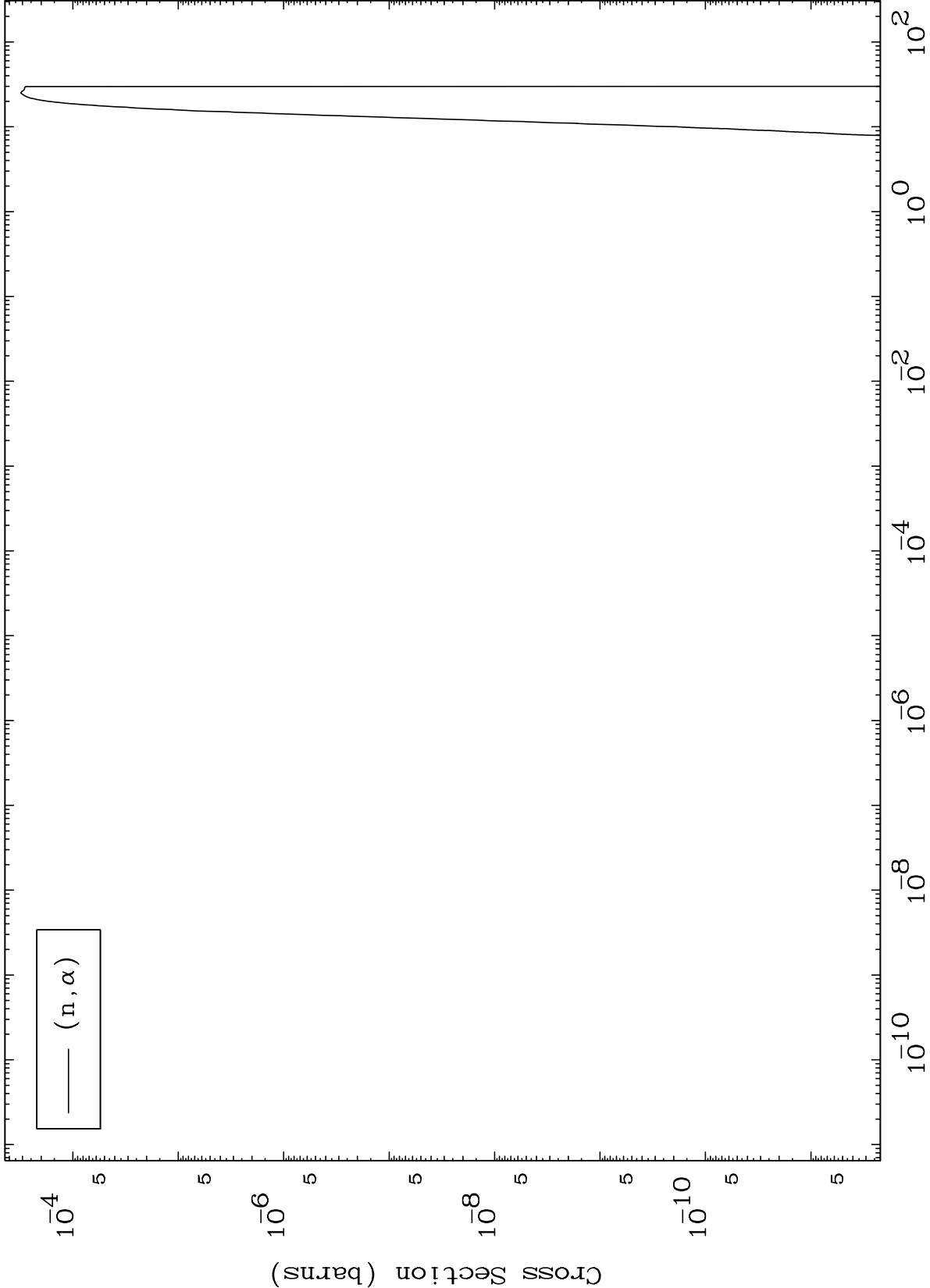
(n,He3) Levels
293 Kelvin Cross Sections

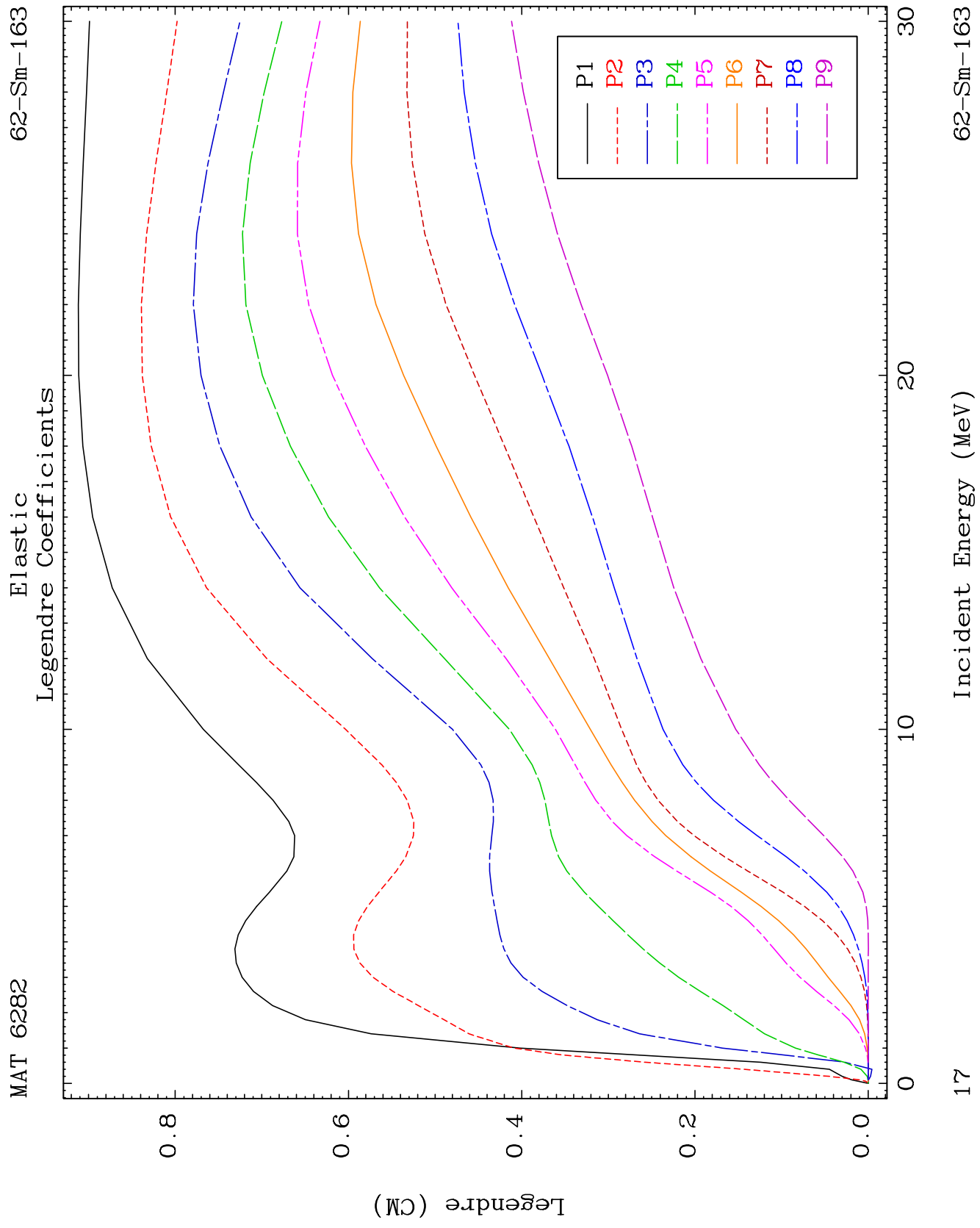


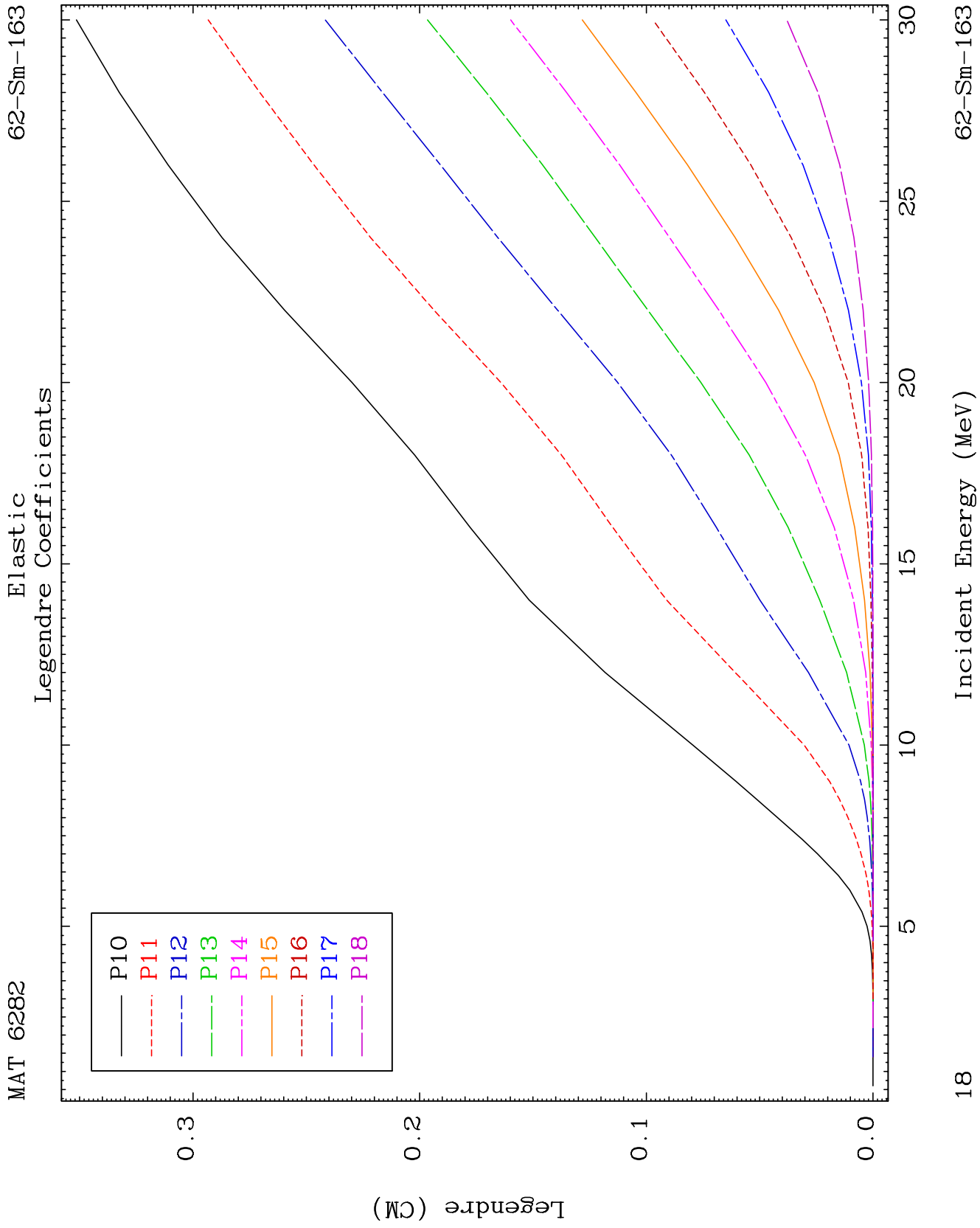
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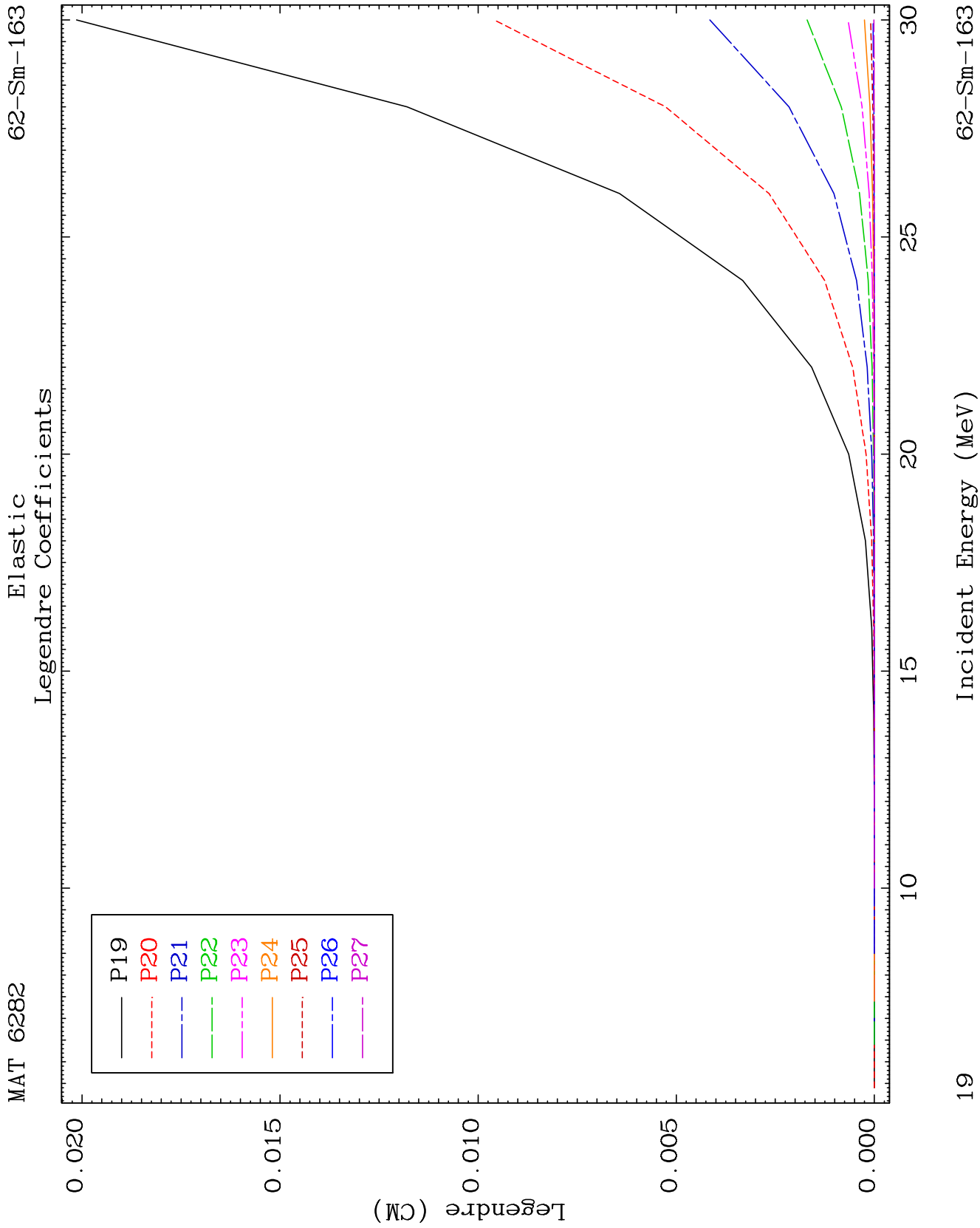
Incident Energy (MeV)

62-Sm-163





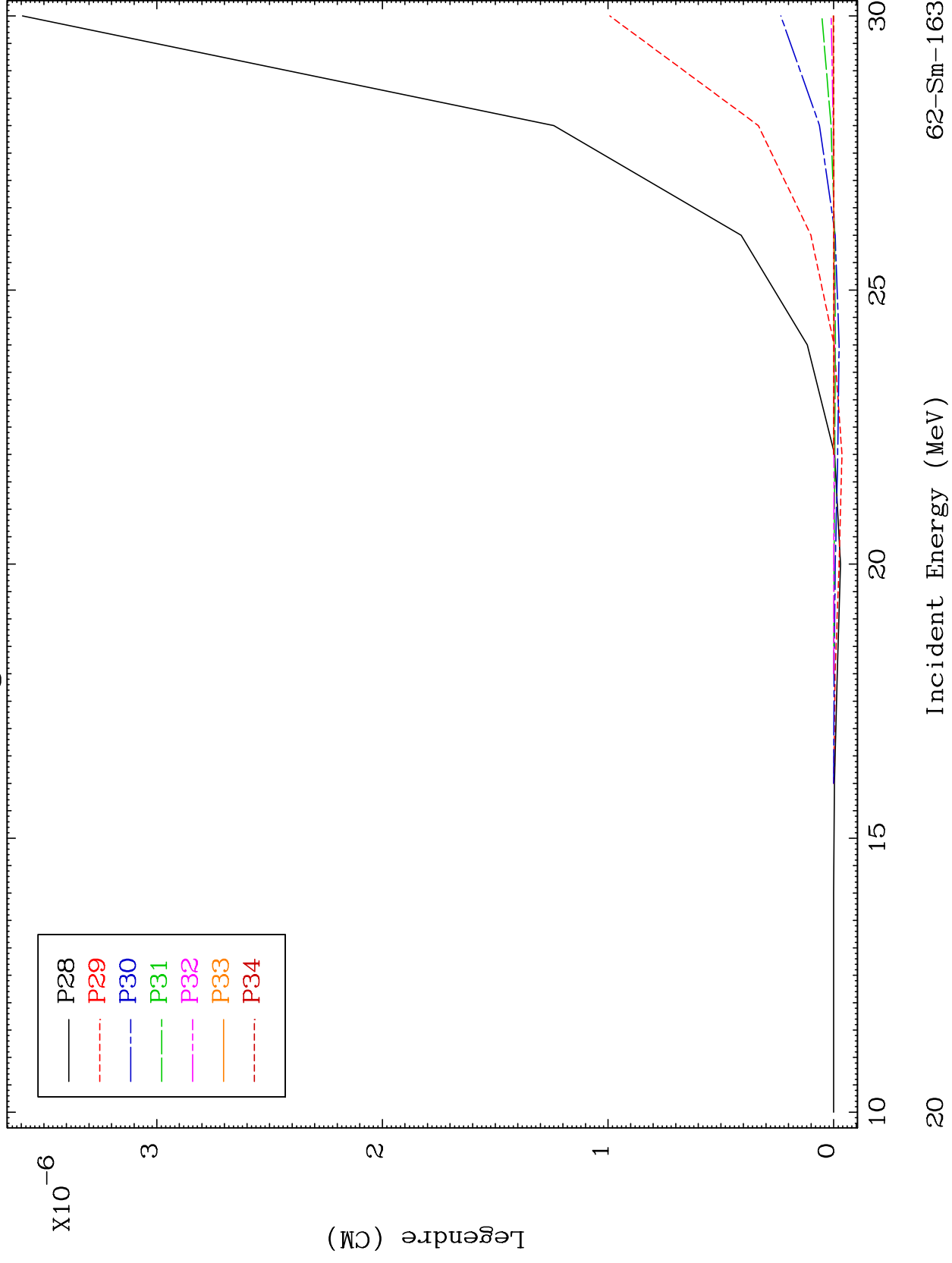




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Elastic Legendre Coefficients

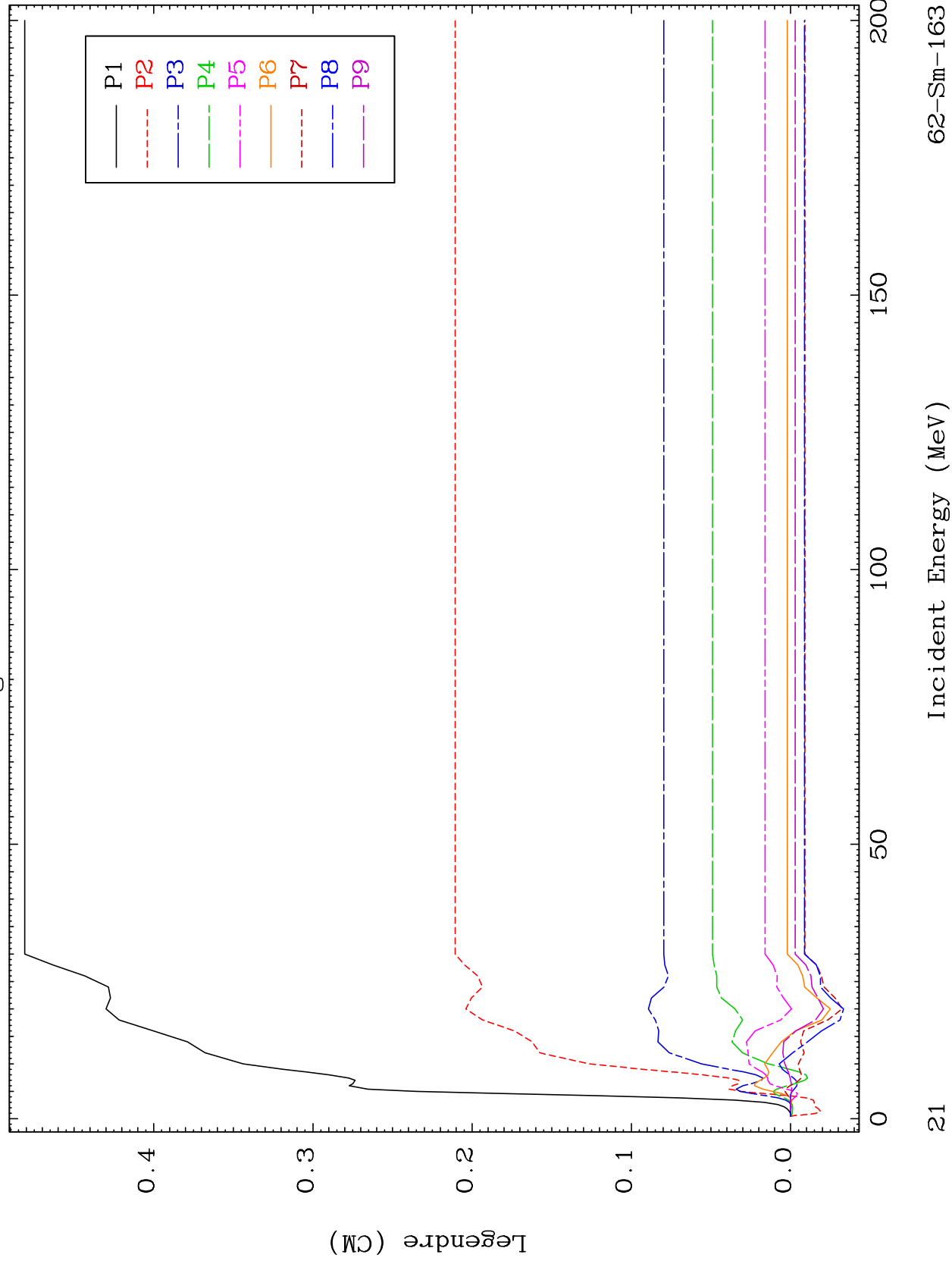
62-Sm-163

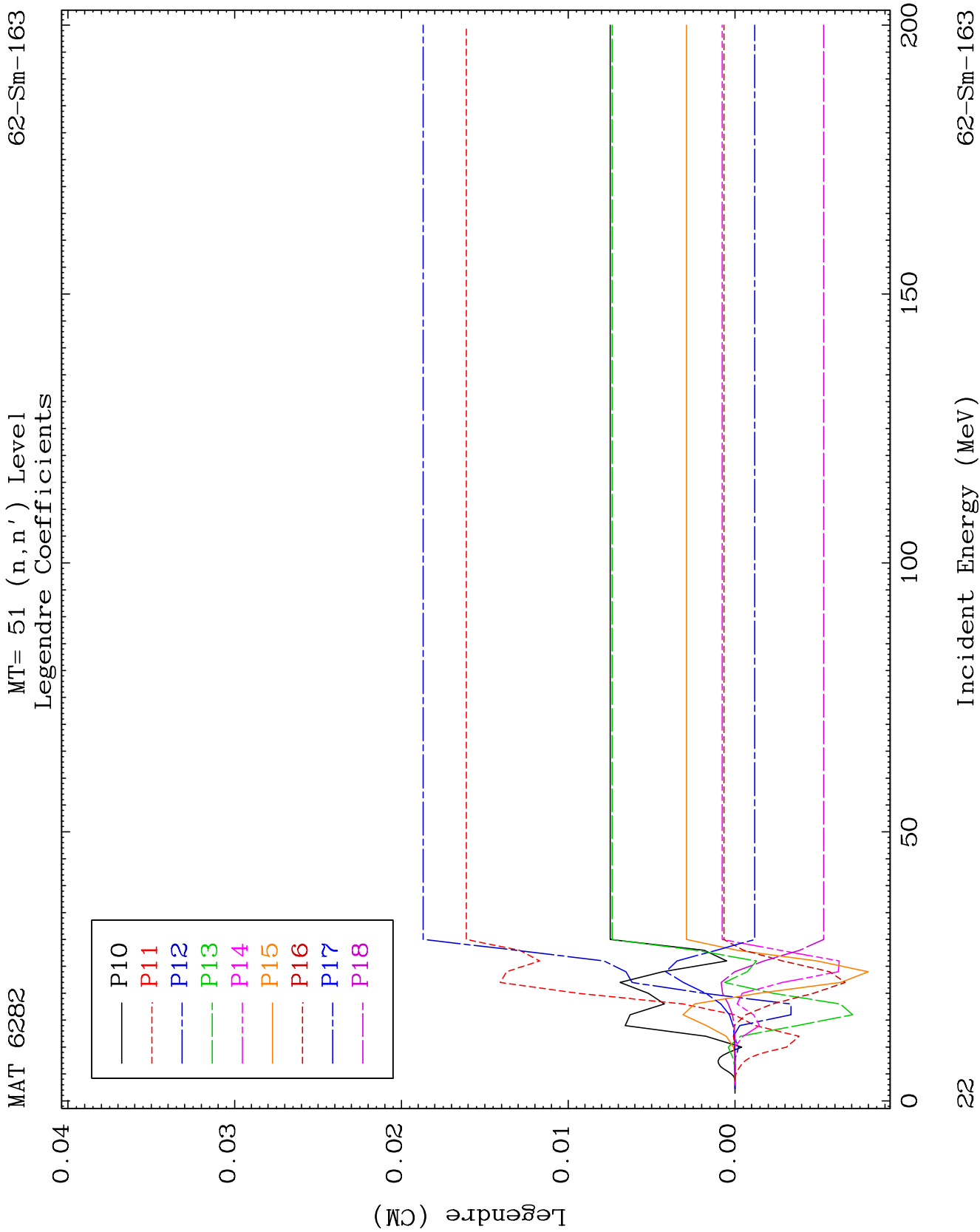


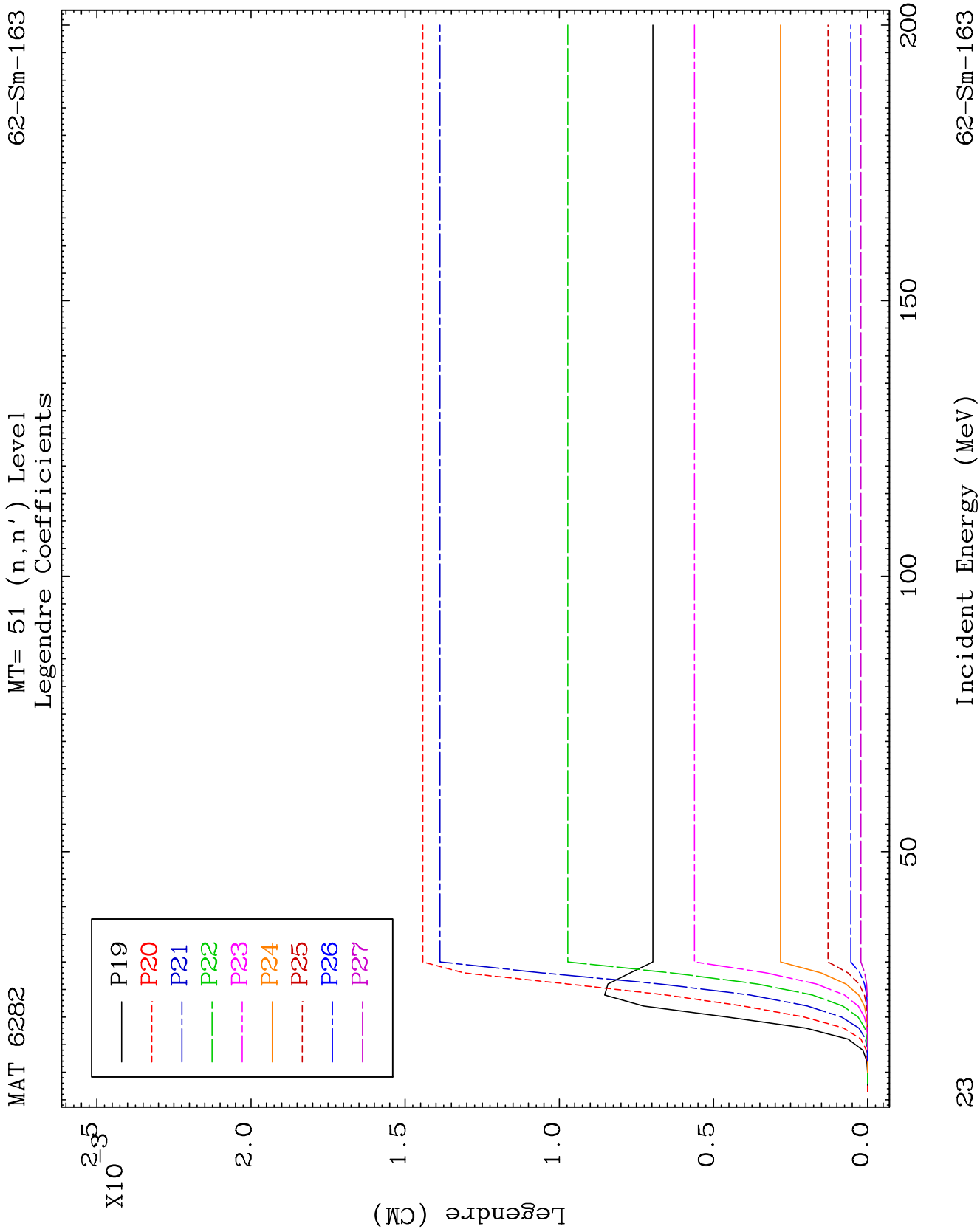
MAT 6282

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

62-Sm-163



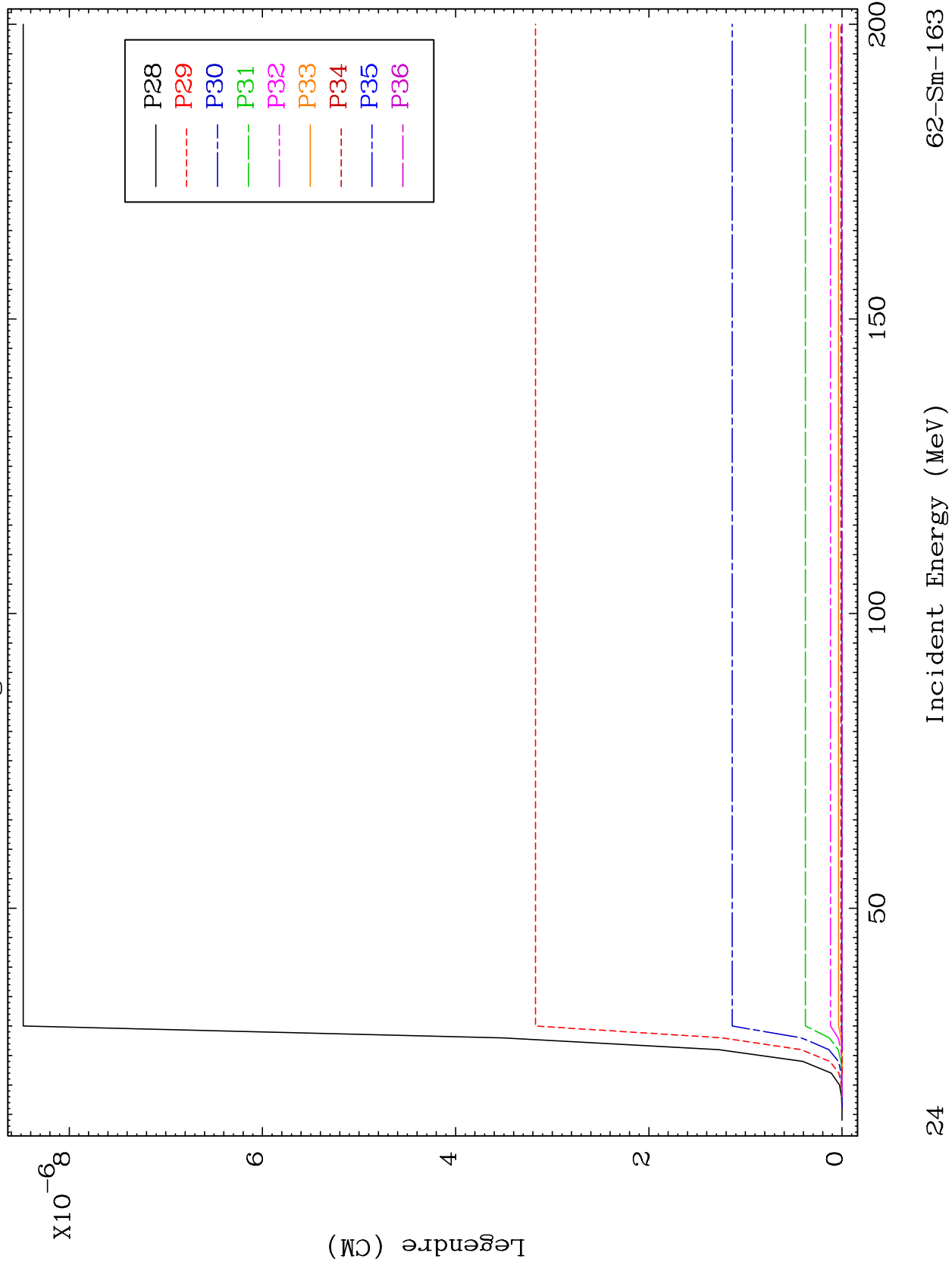




MAT 6282

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

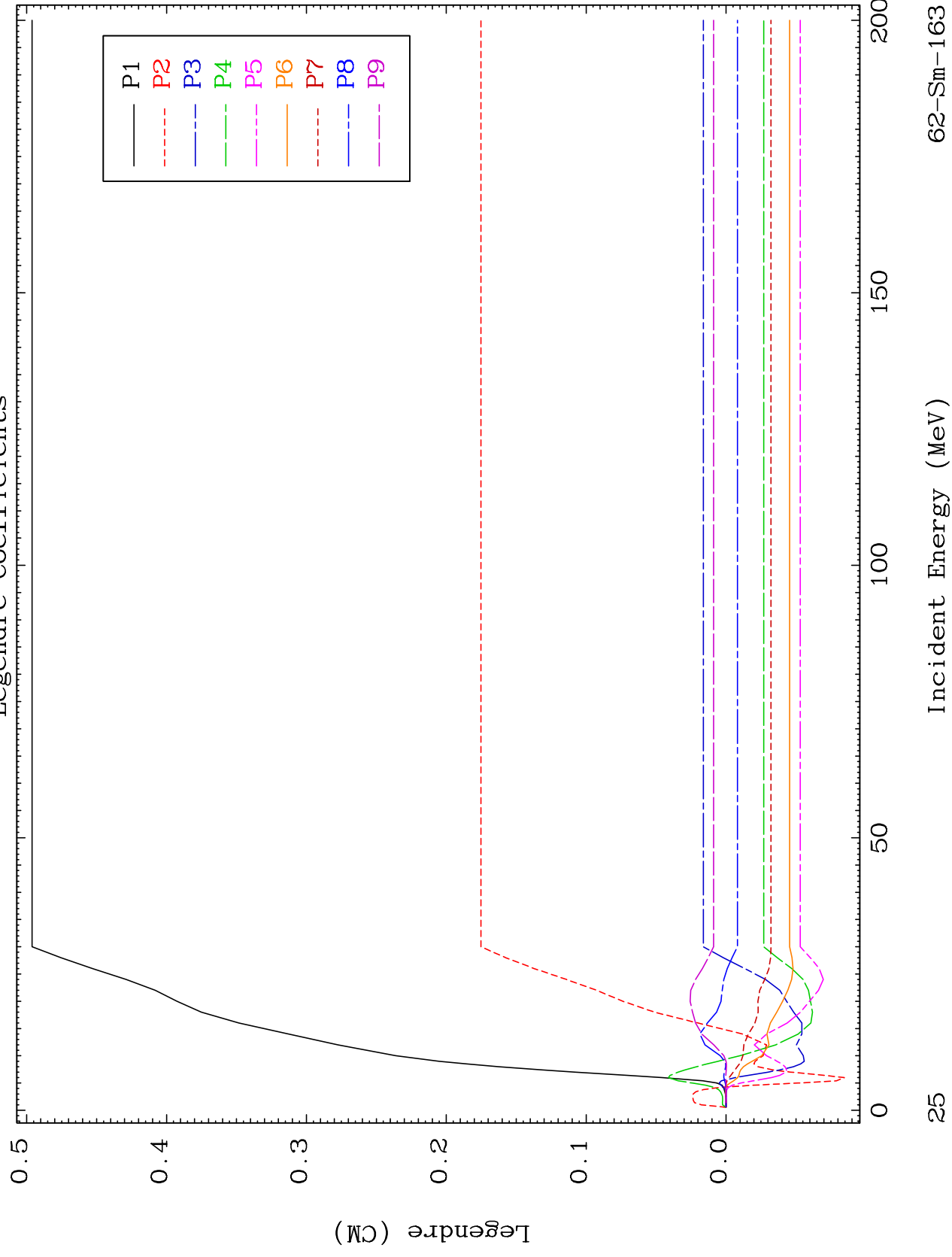
62-Sm-163



MAT 6282

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

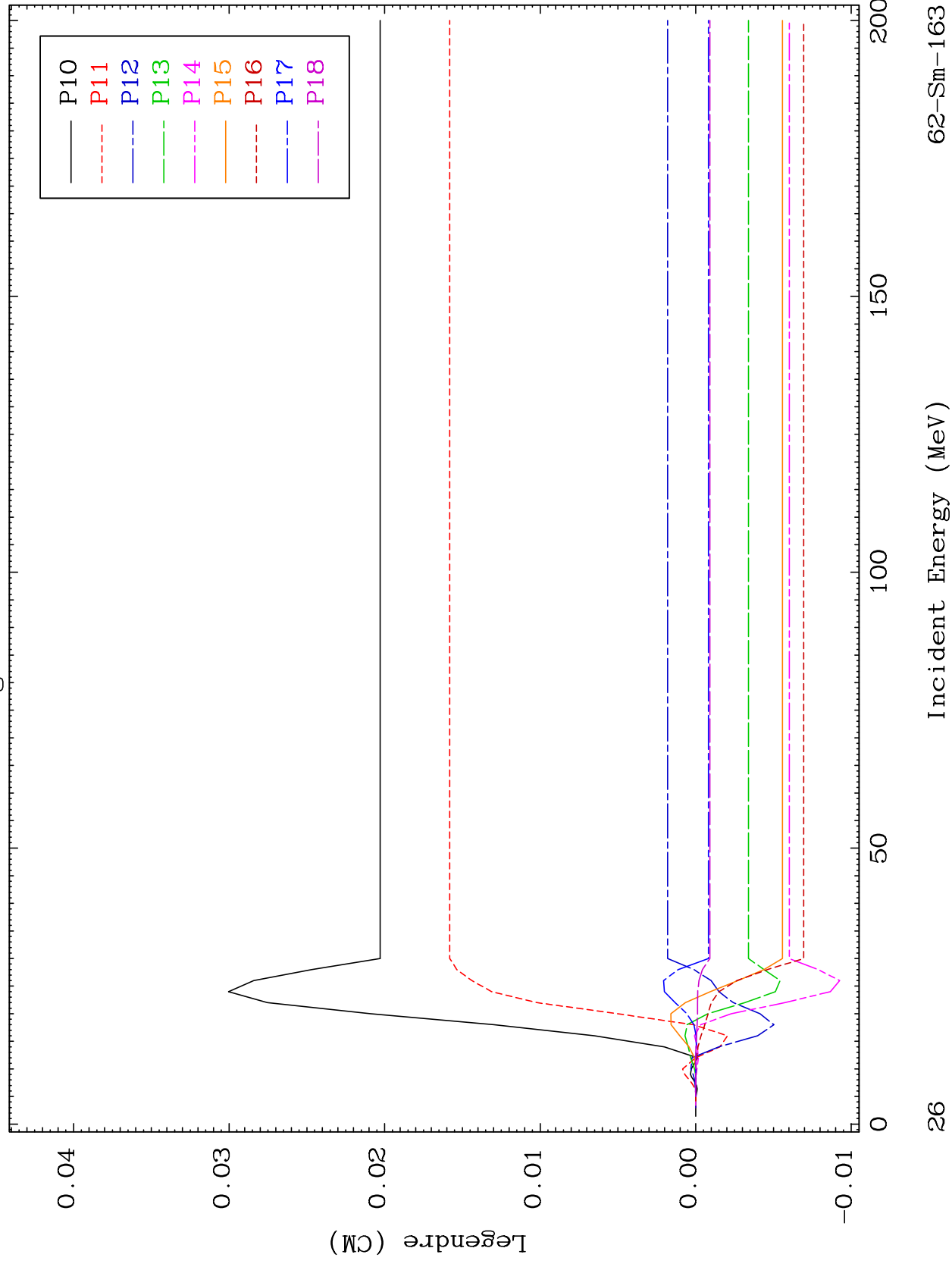
62-Sm-163

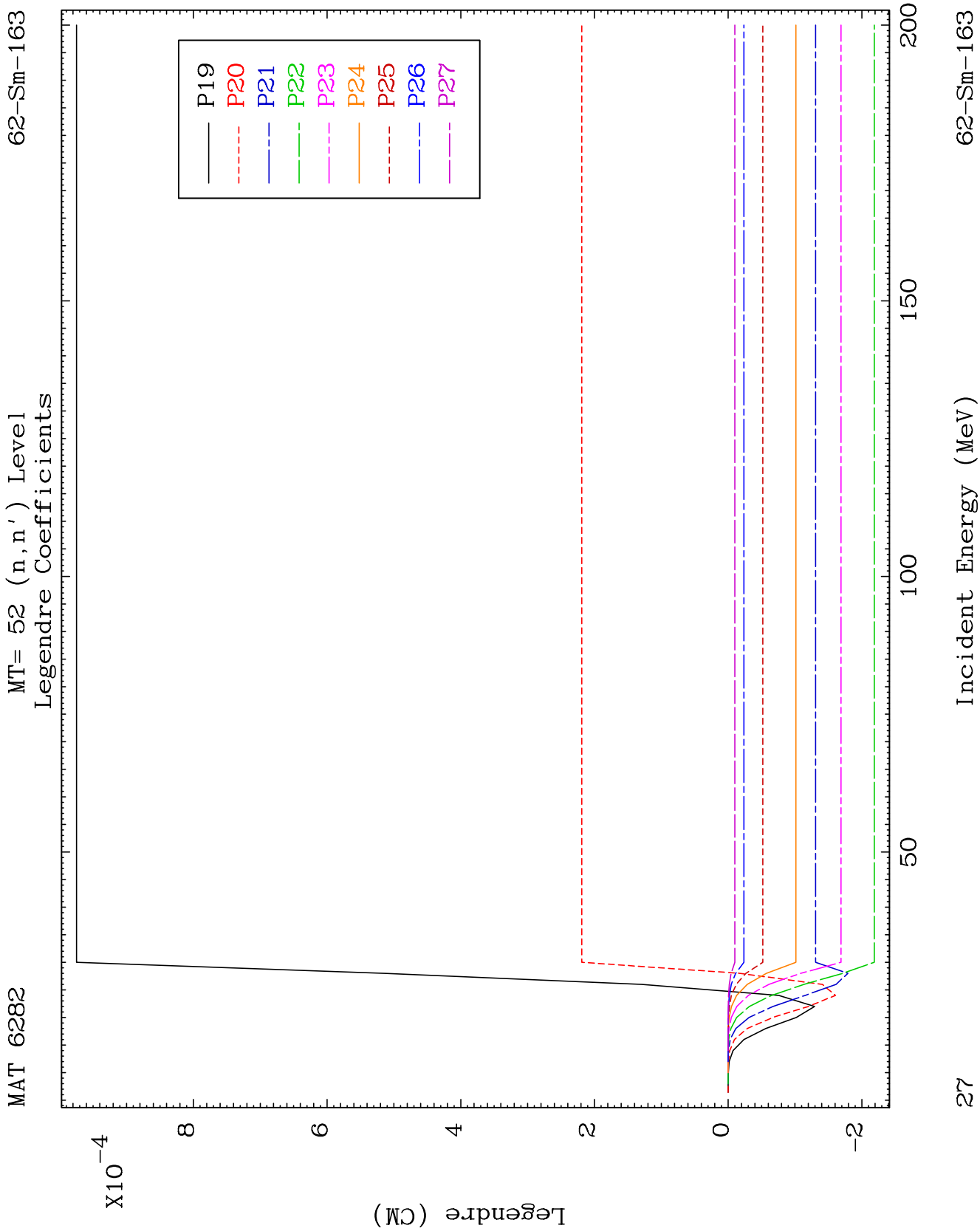


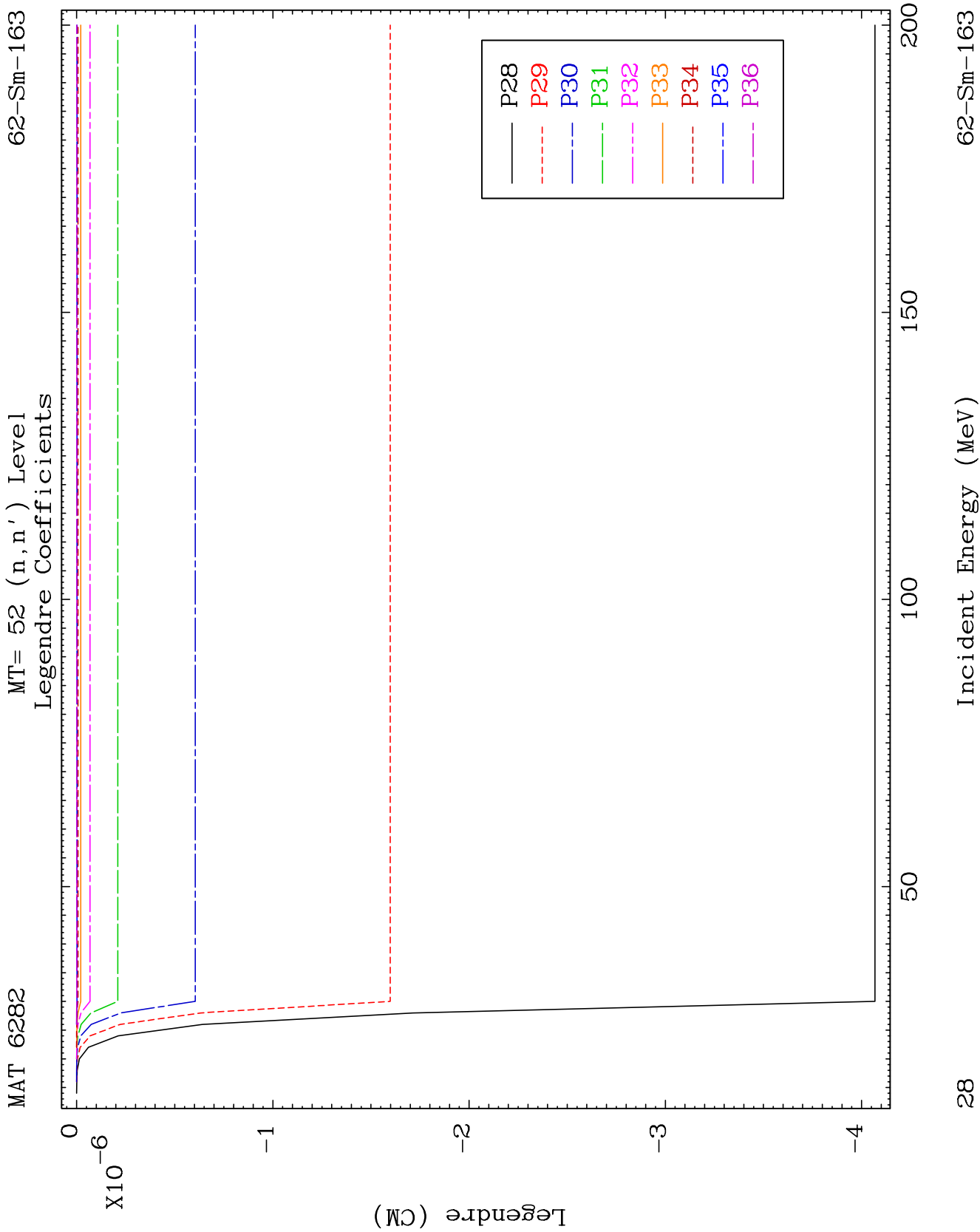
MAT 6282

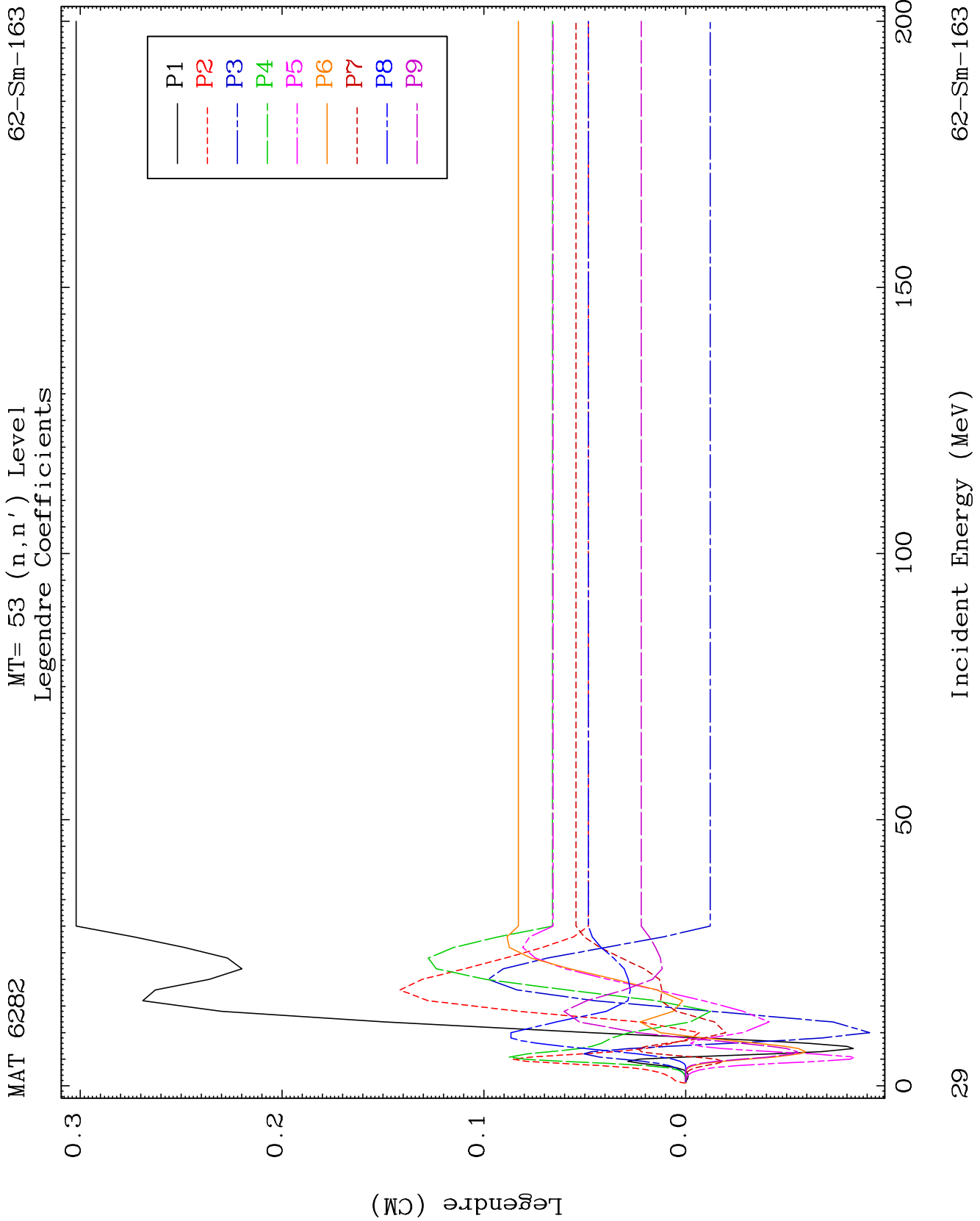
MT= 52 (n, n') Level
Legendre Coefficients

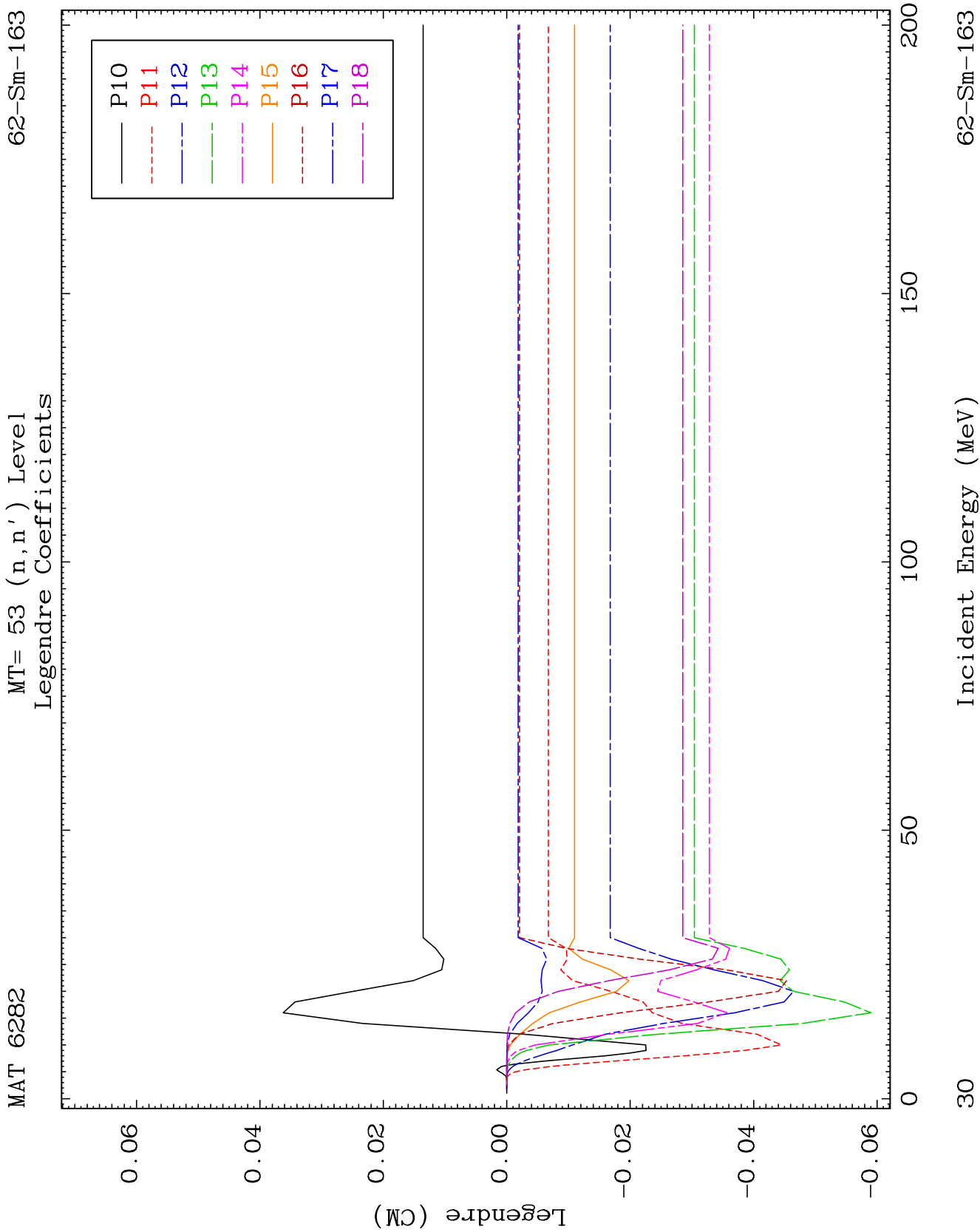
62-Sm-163







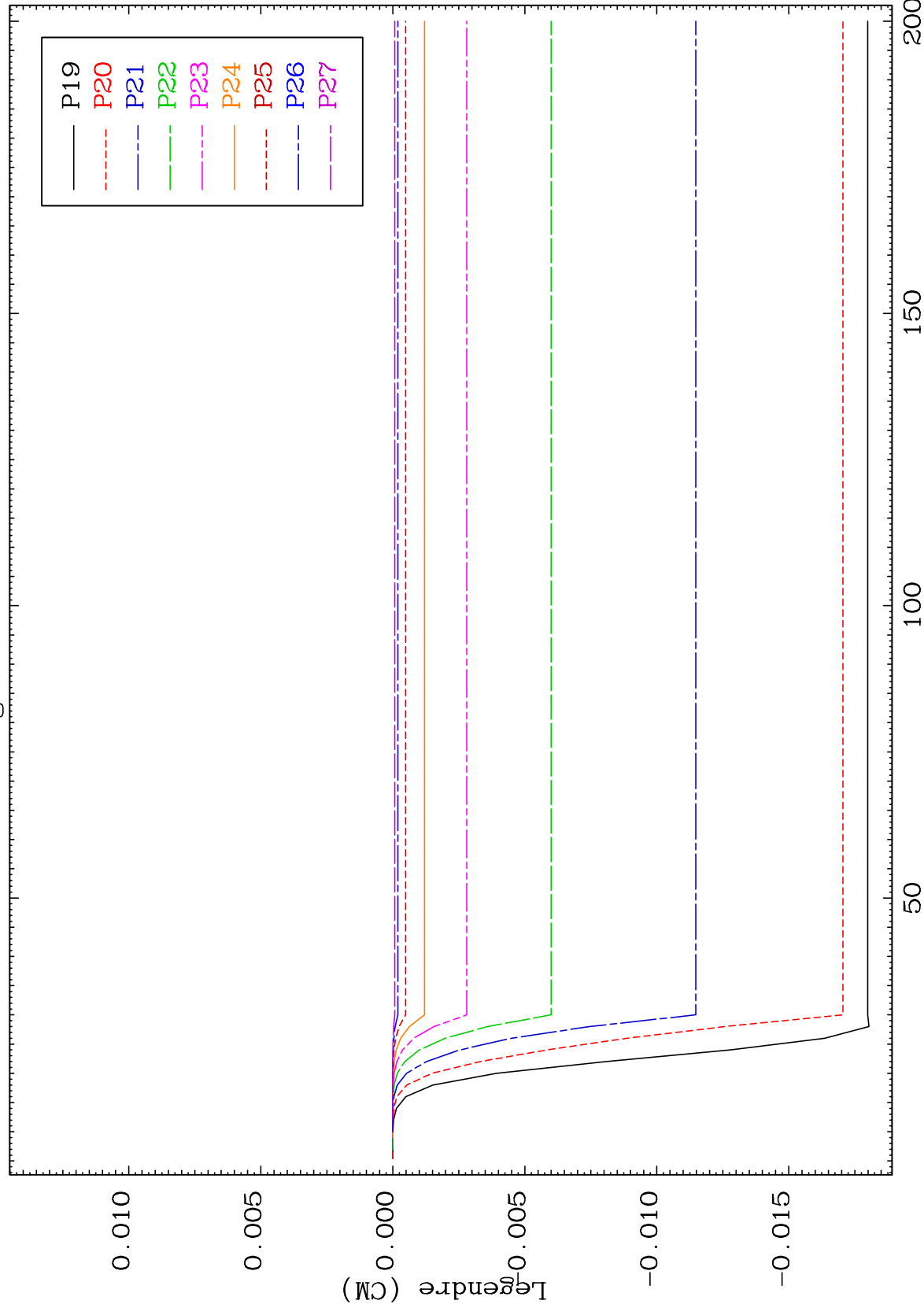




MAT 6282

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

62-Sm-163



31

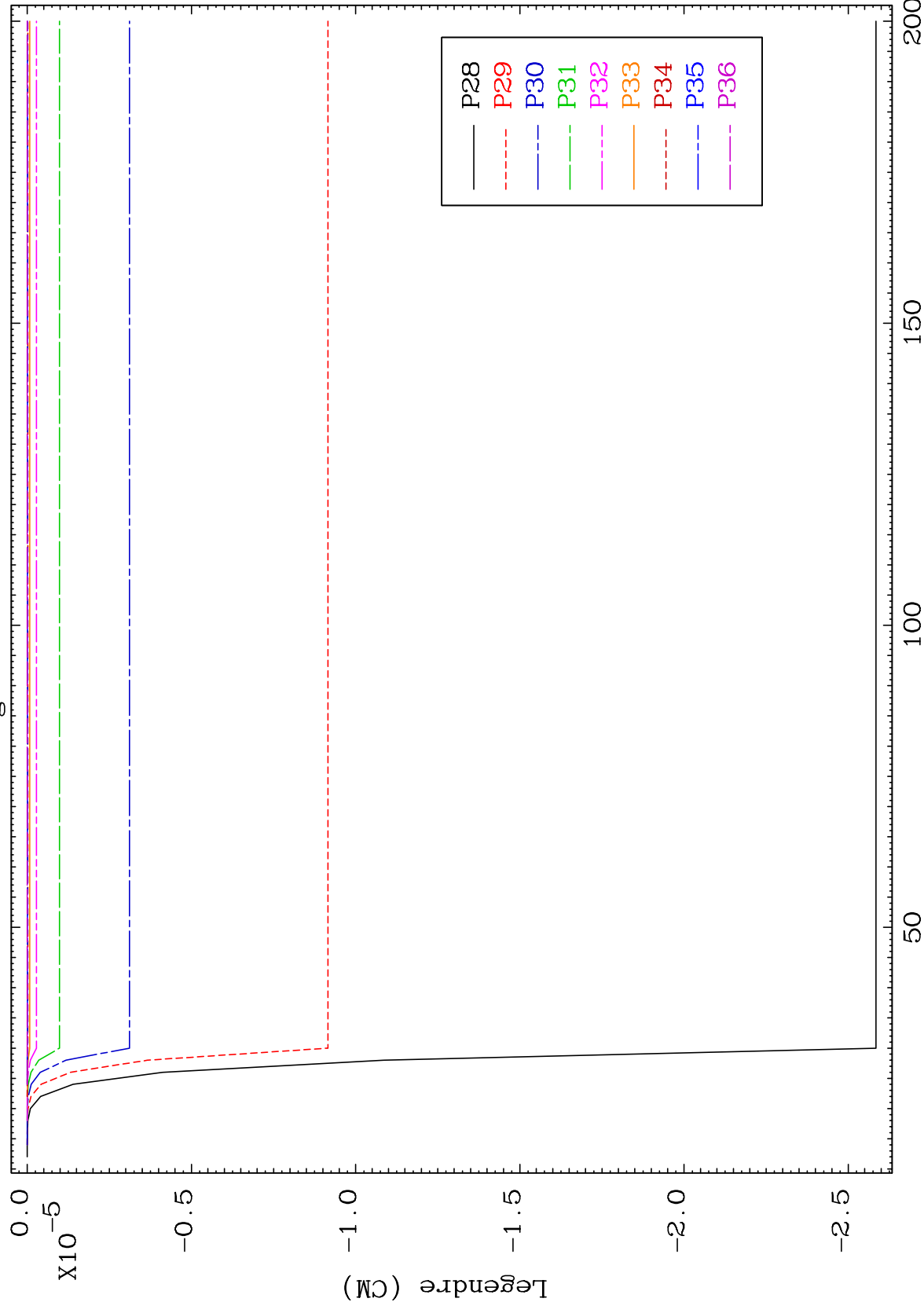
Incident Energy (MeV)

62-Sm-163

MAT 6282

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

62-Sm-163



32

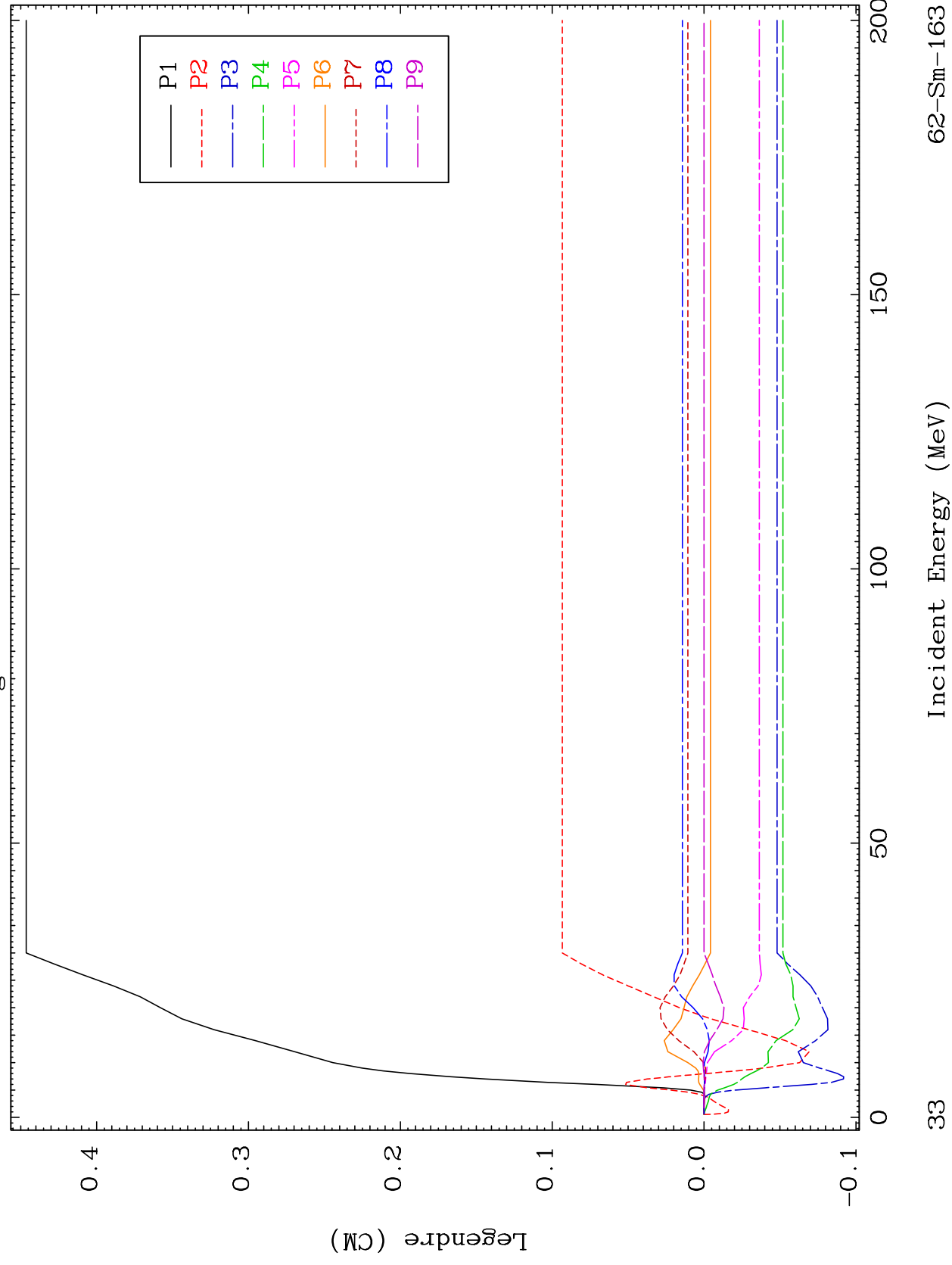
Incident Energy (MeV)

62-Sm-163

MAT 6282

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

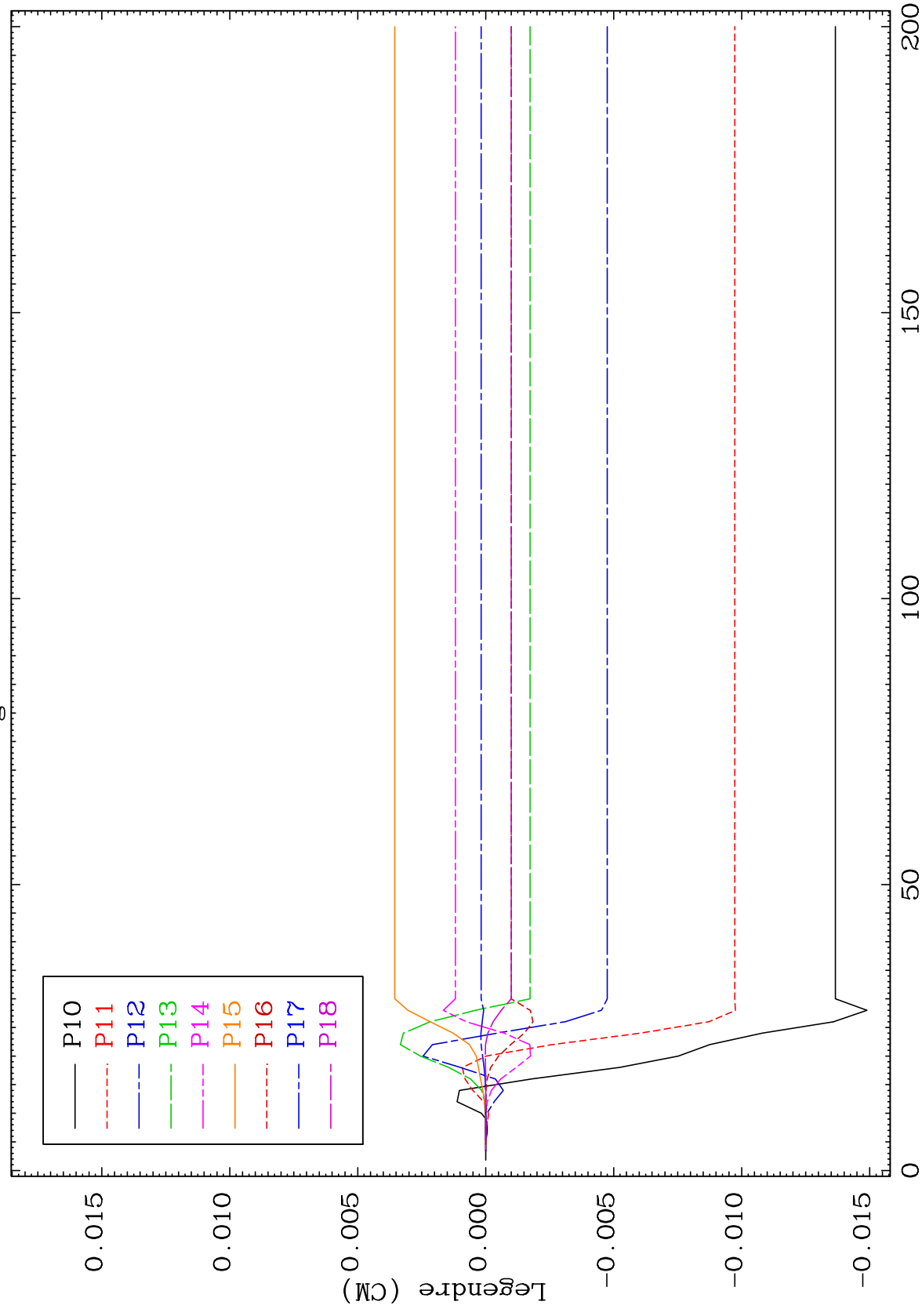
62-Sm-163



MAT 6282

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

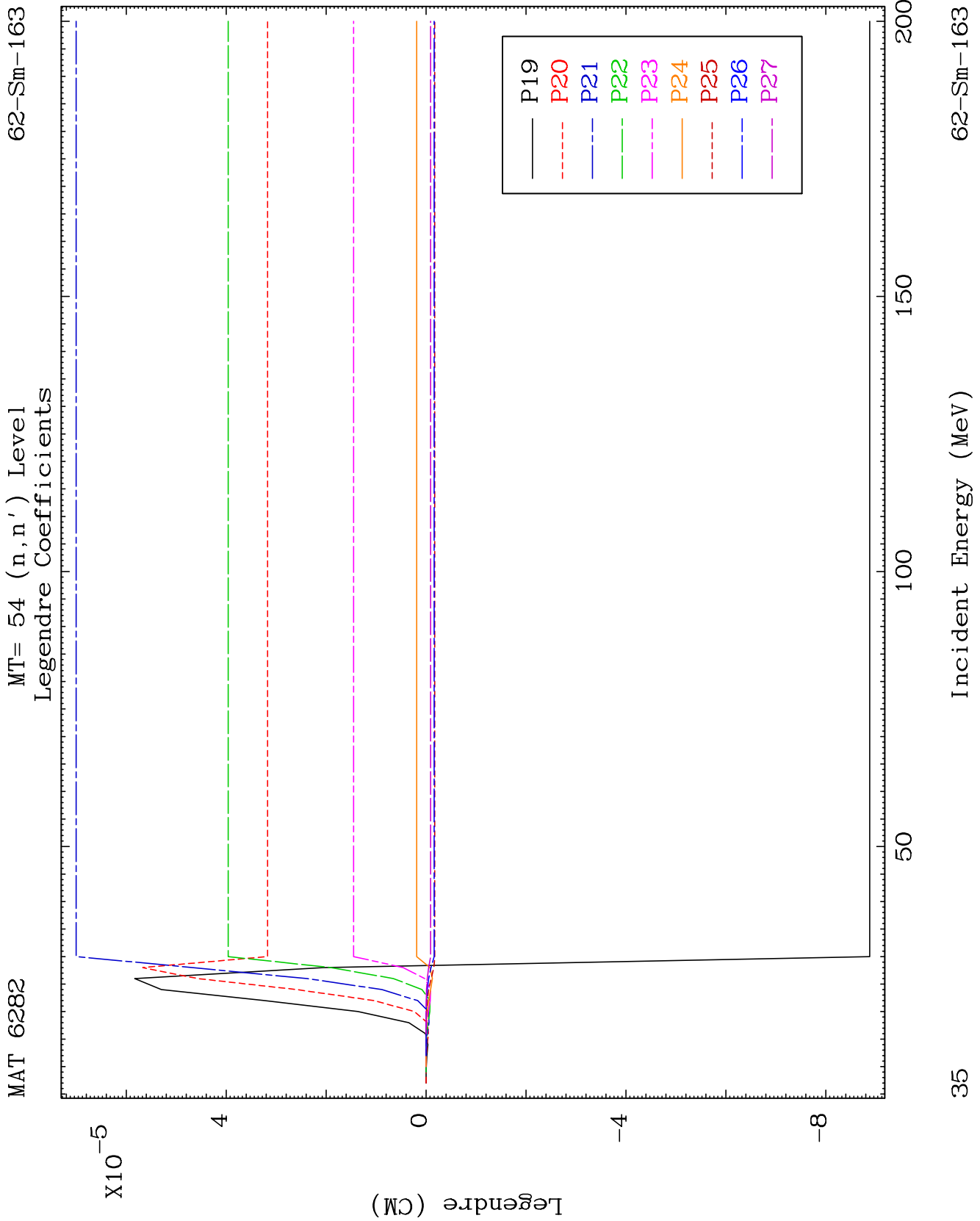
62-Sm-163



34

Incident Energy (MeV)

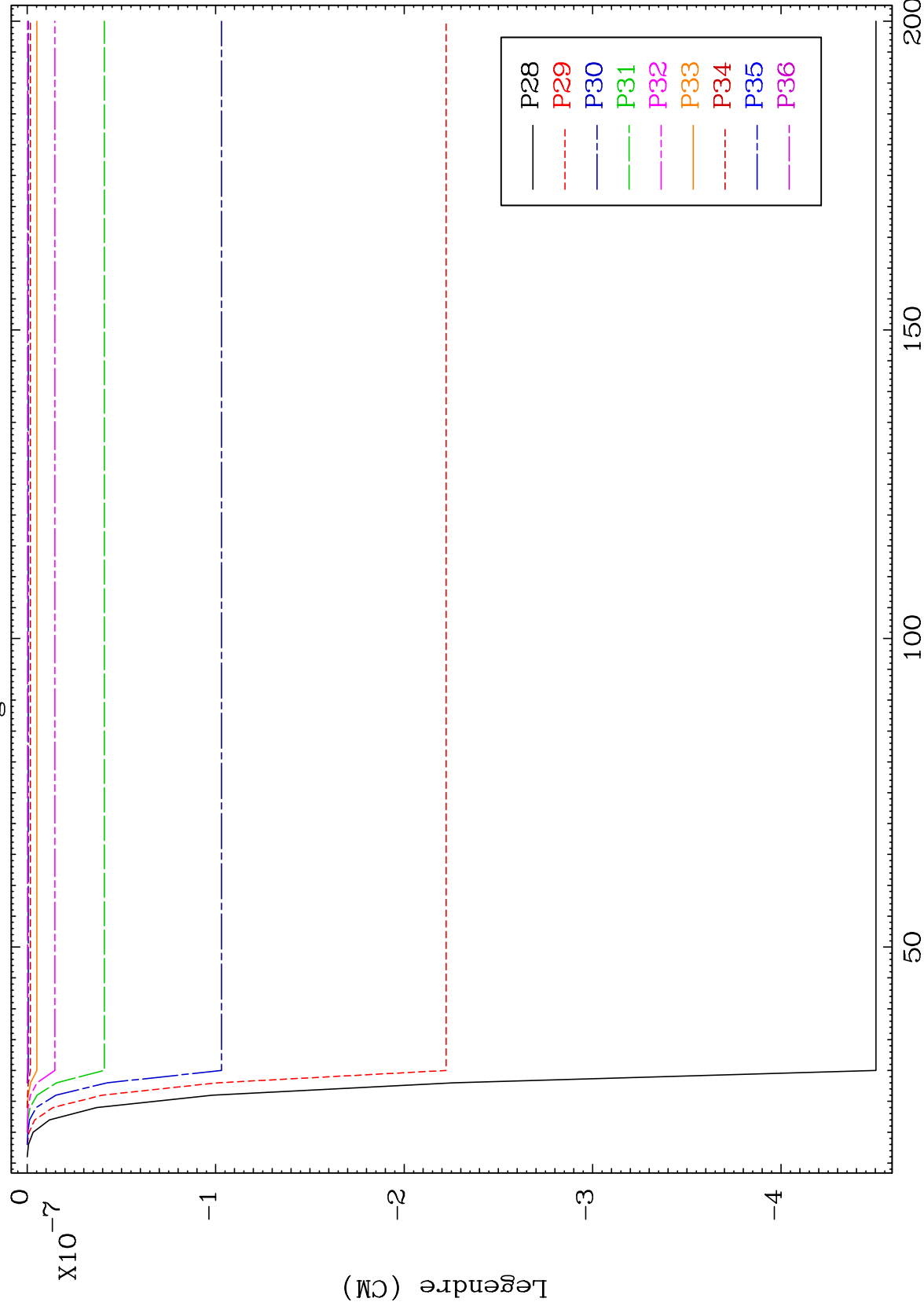
62-Sm-163



MAT 6282

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

62-Sm-163



36

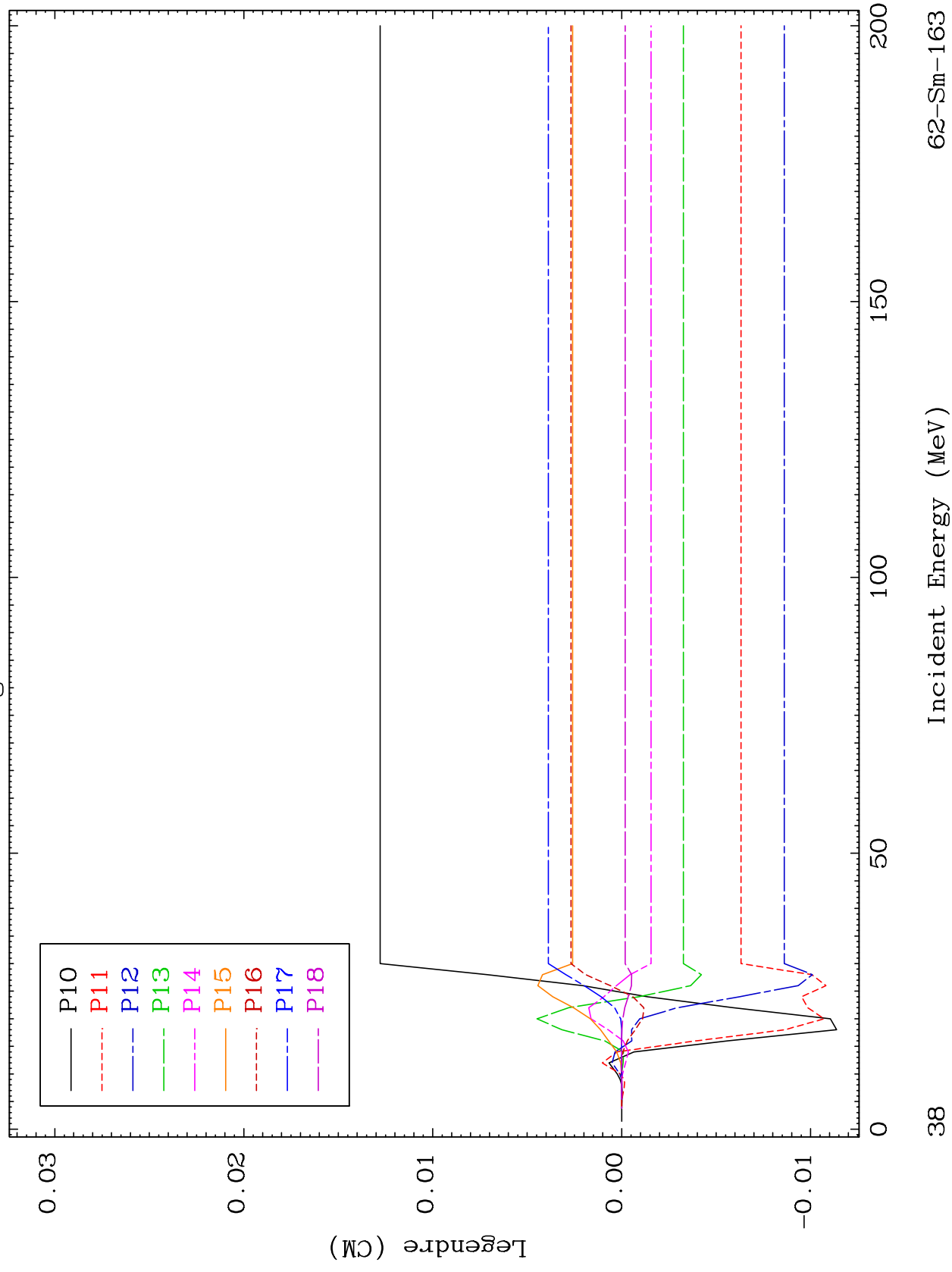
Incident Energy (MeV)

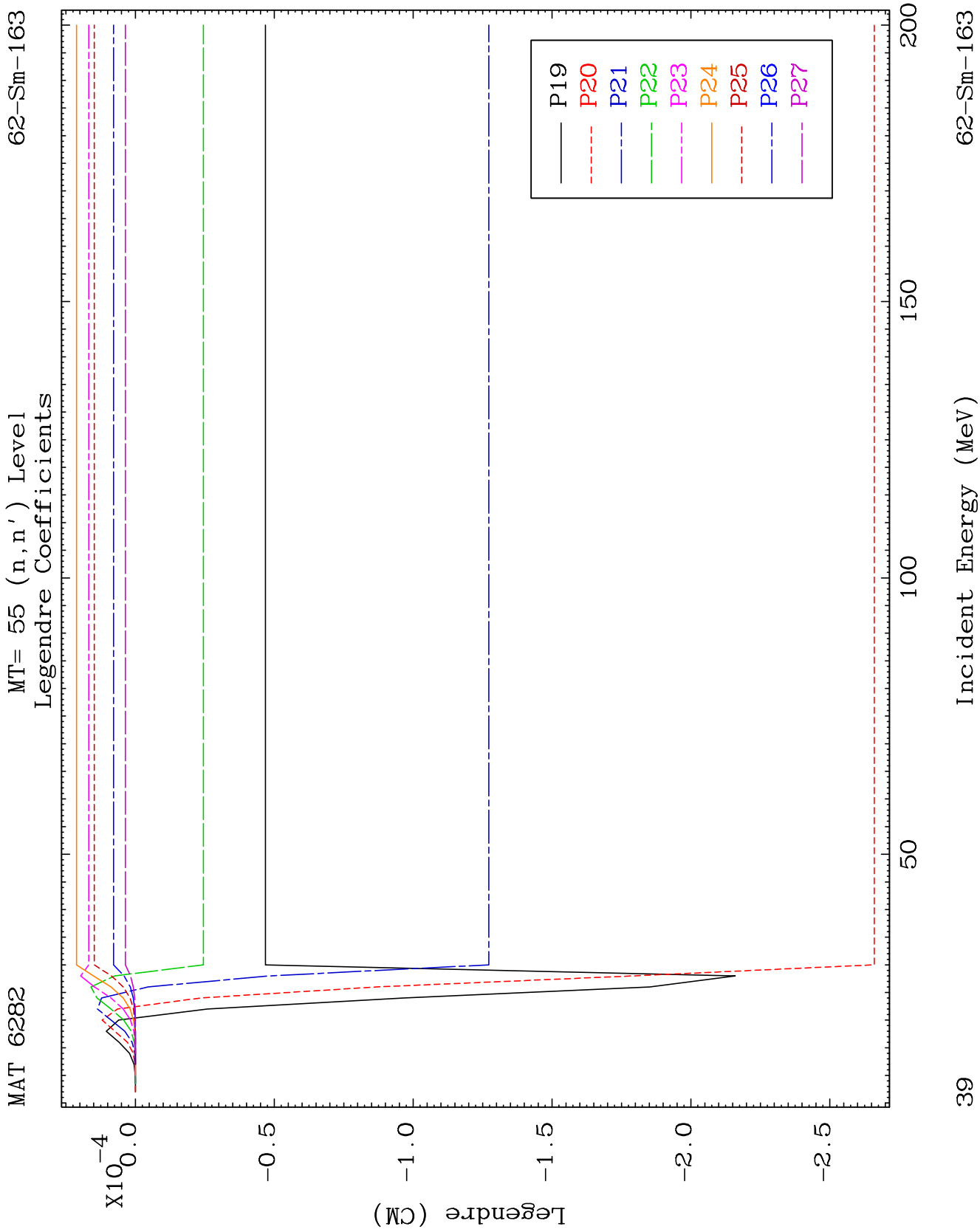
62-Sm-163

MAT 6282

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

62-Sm-163

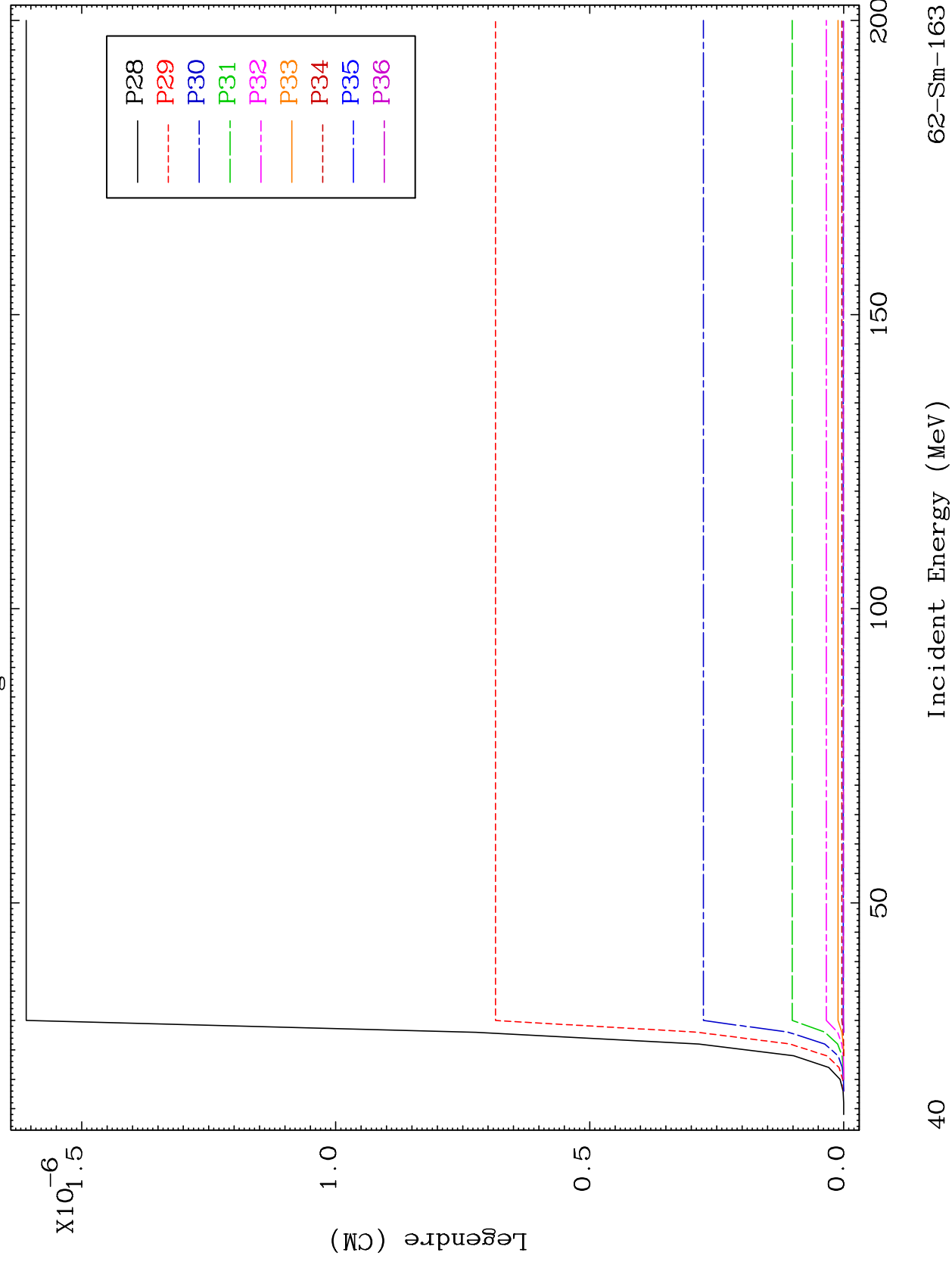


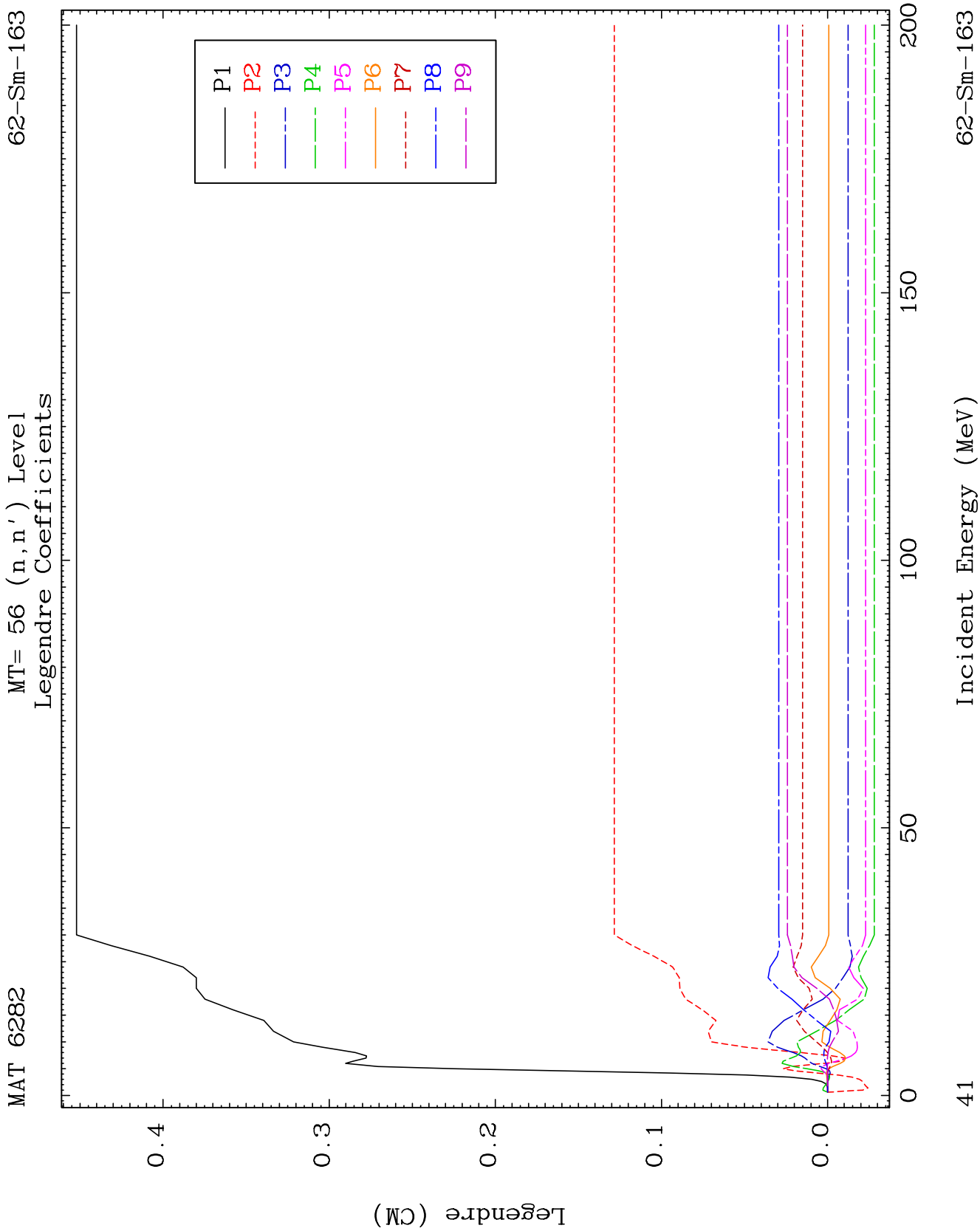


MAT 6282

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

62-Sm-163

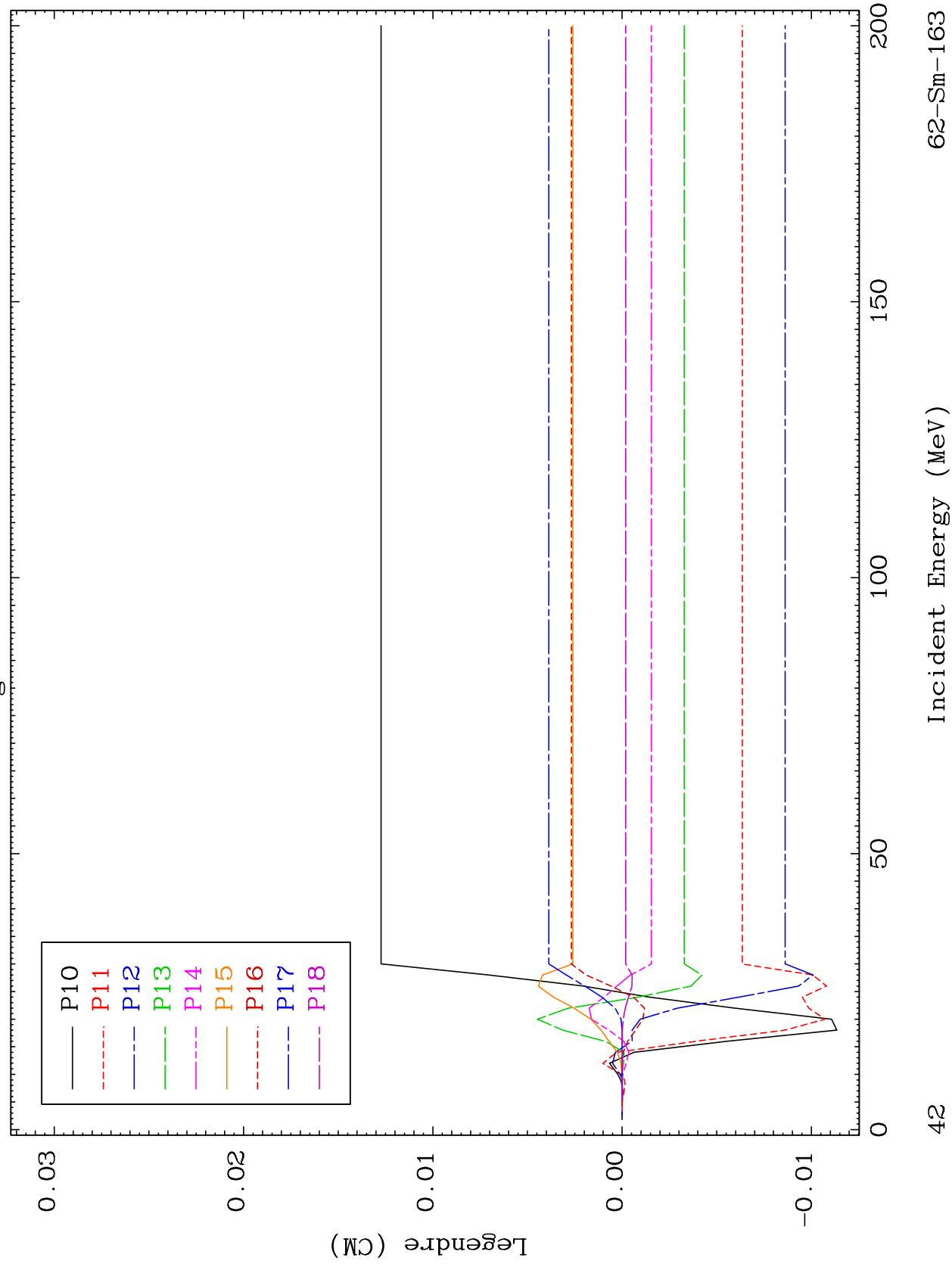


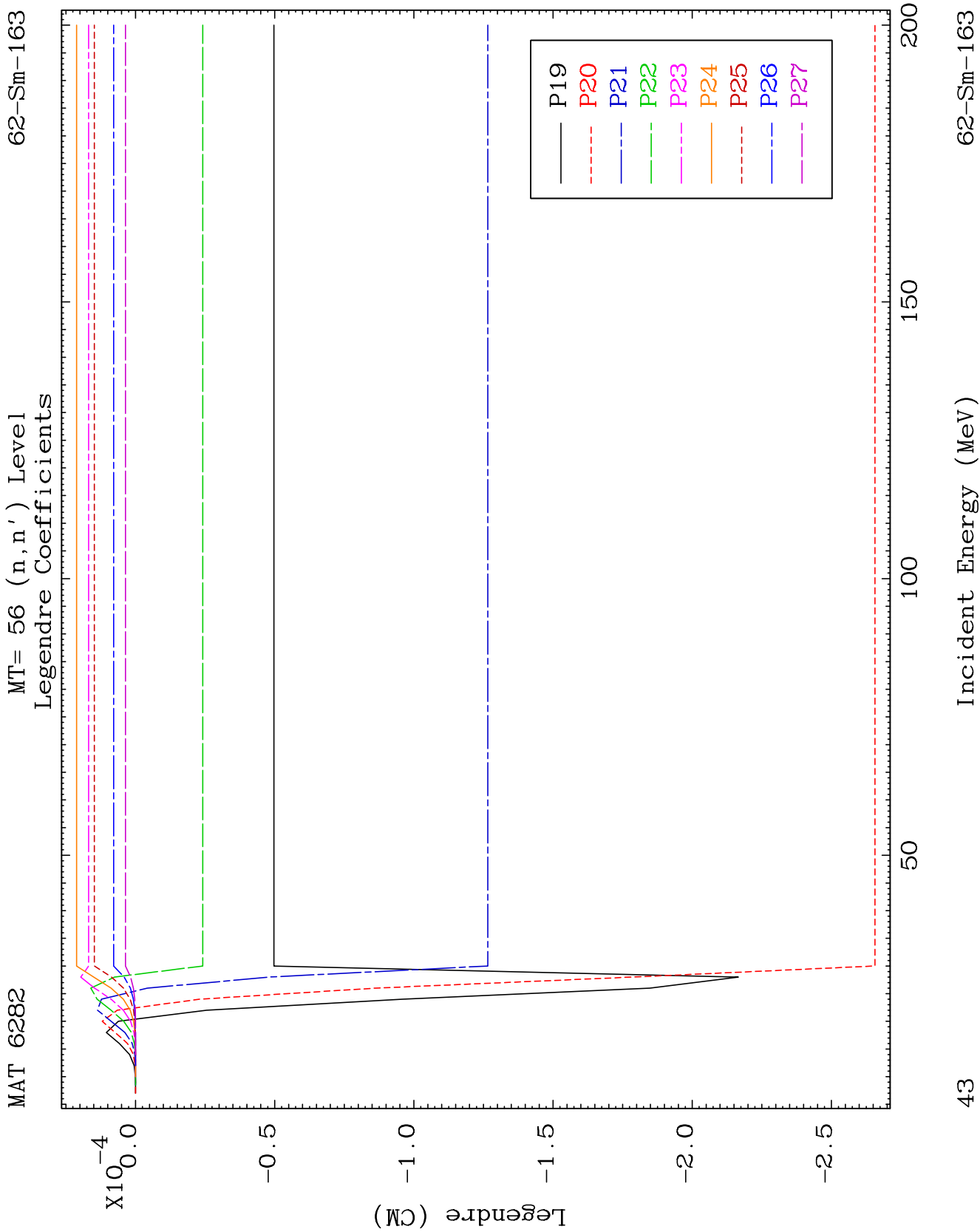


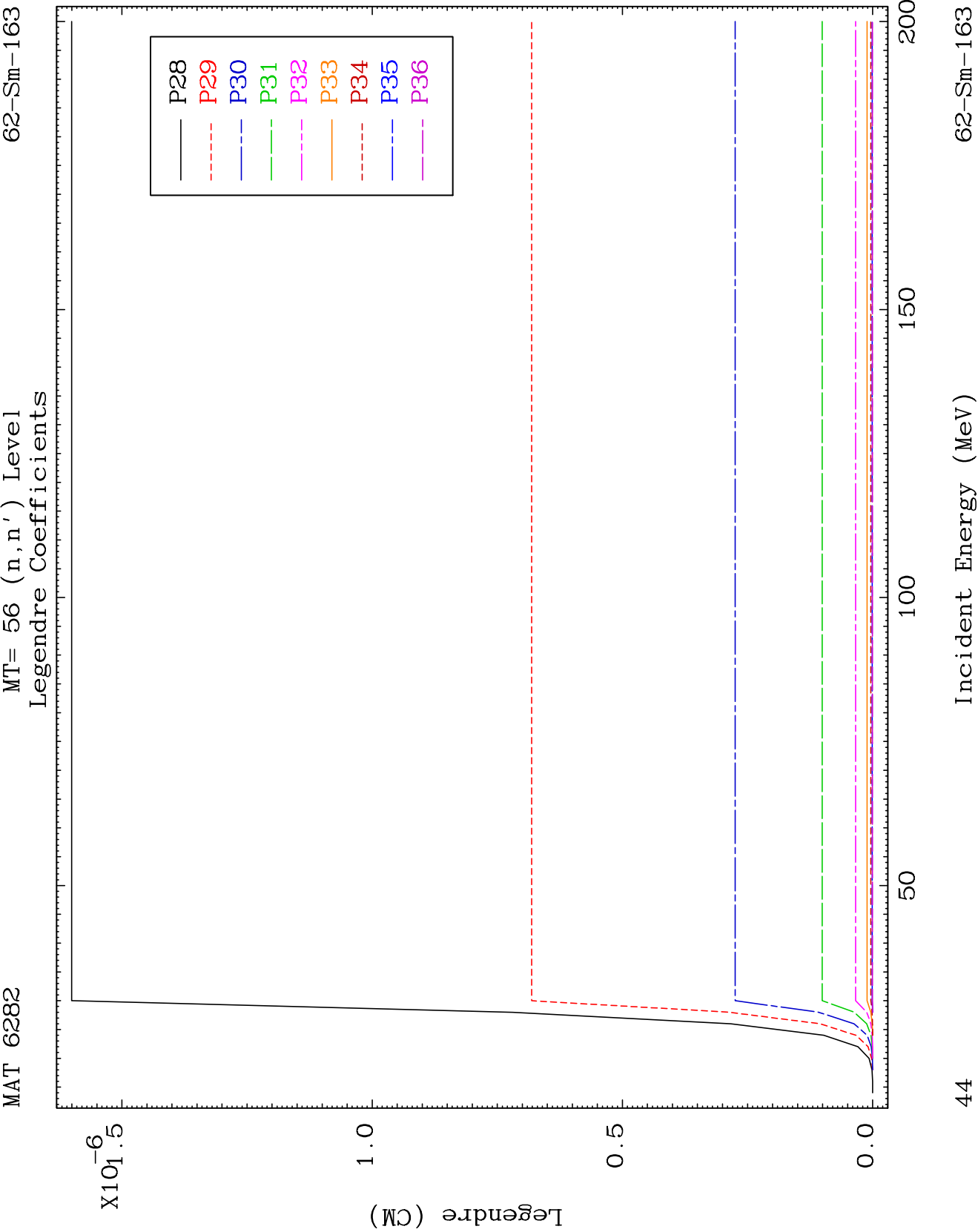
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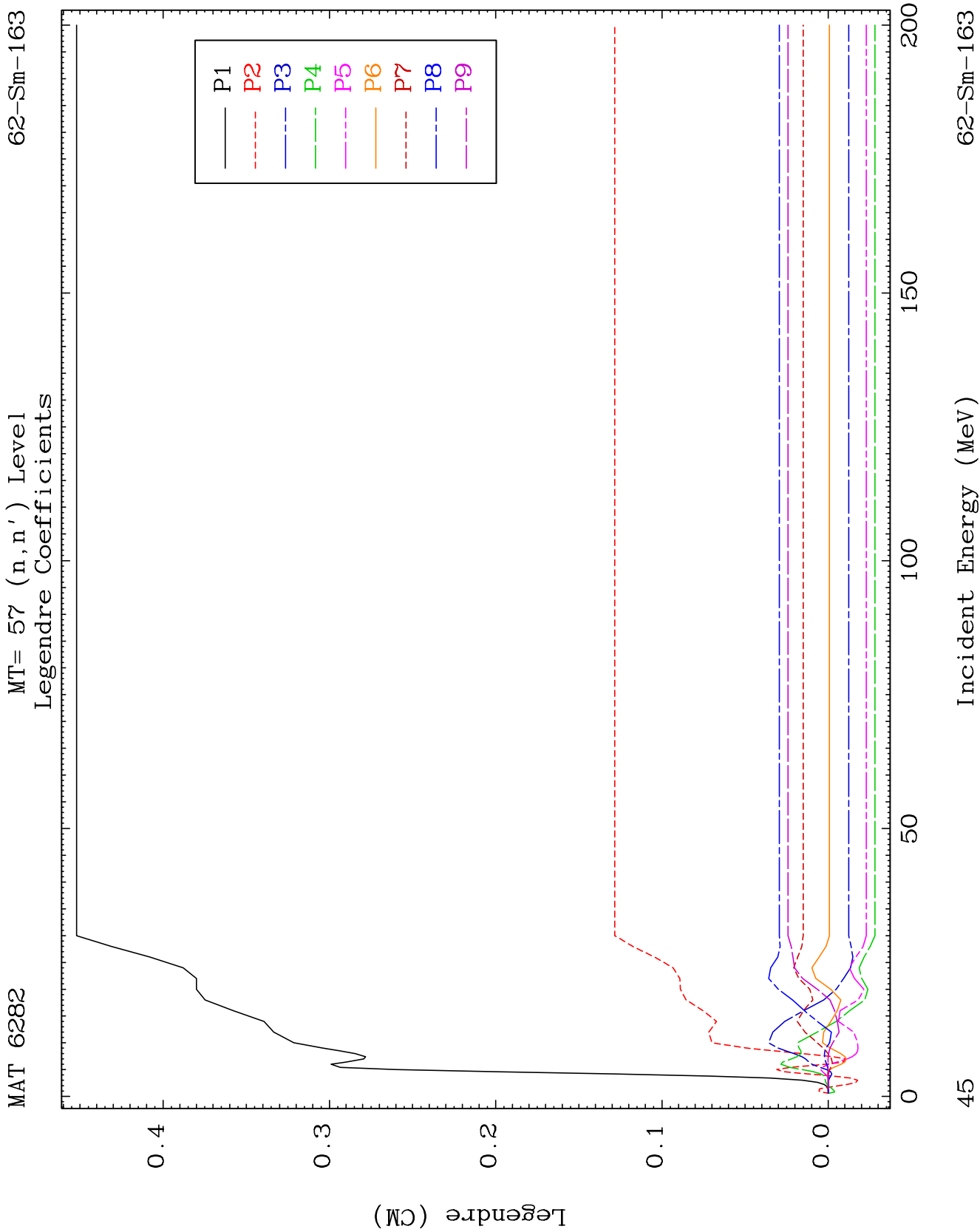
MT= 56 (n, n') Level
Legendre Coefficients

62-Sm-163





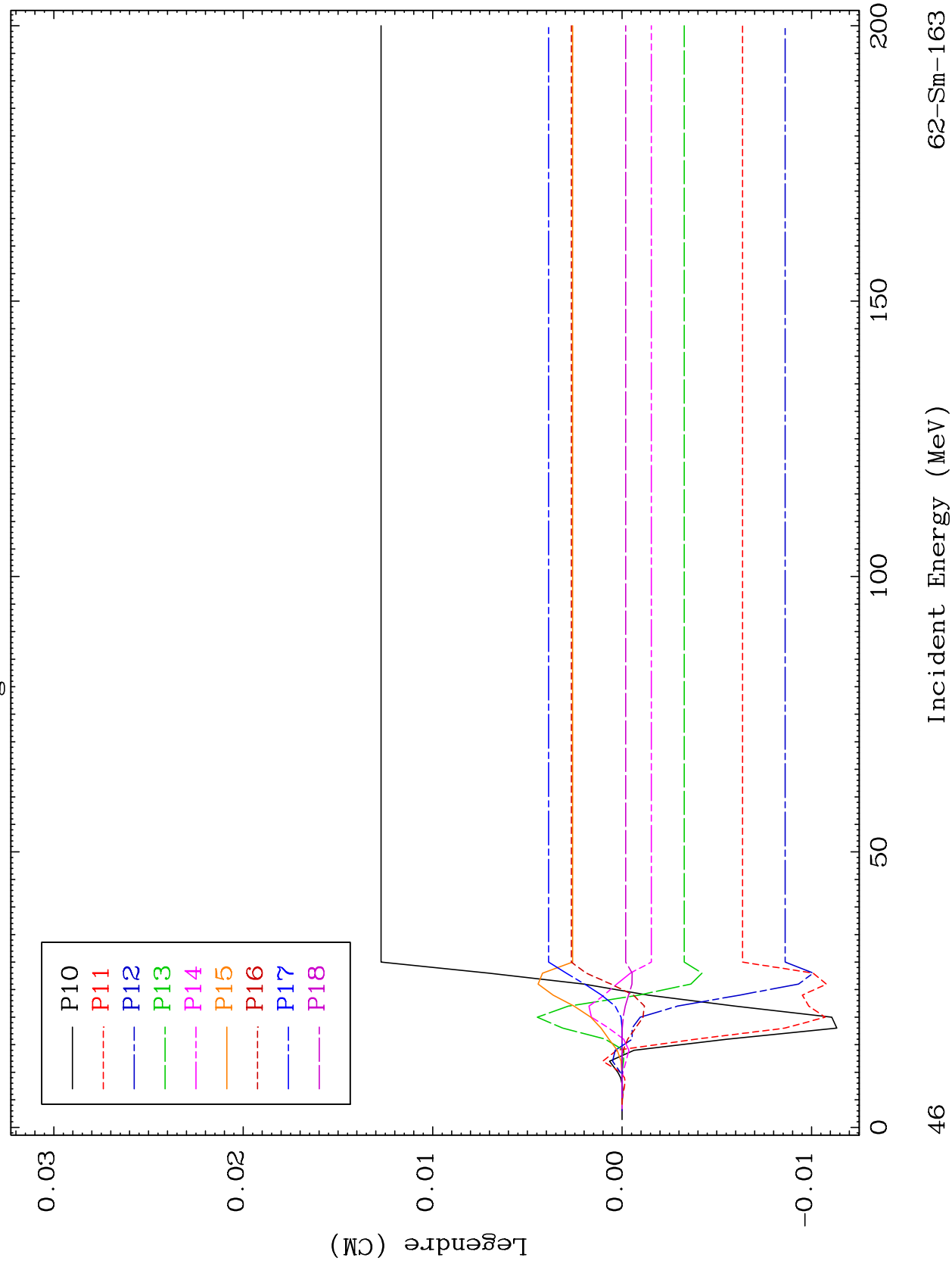


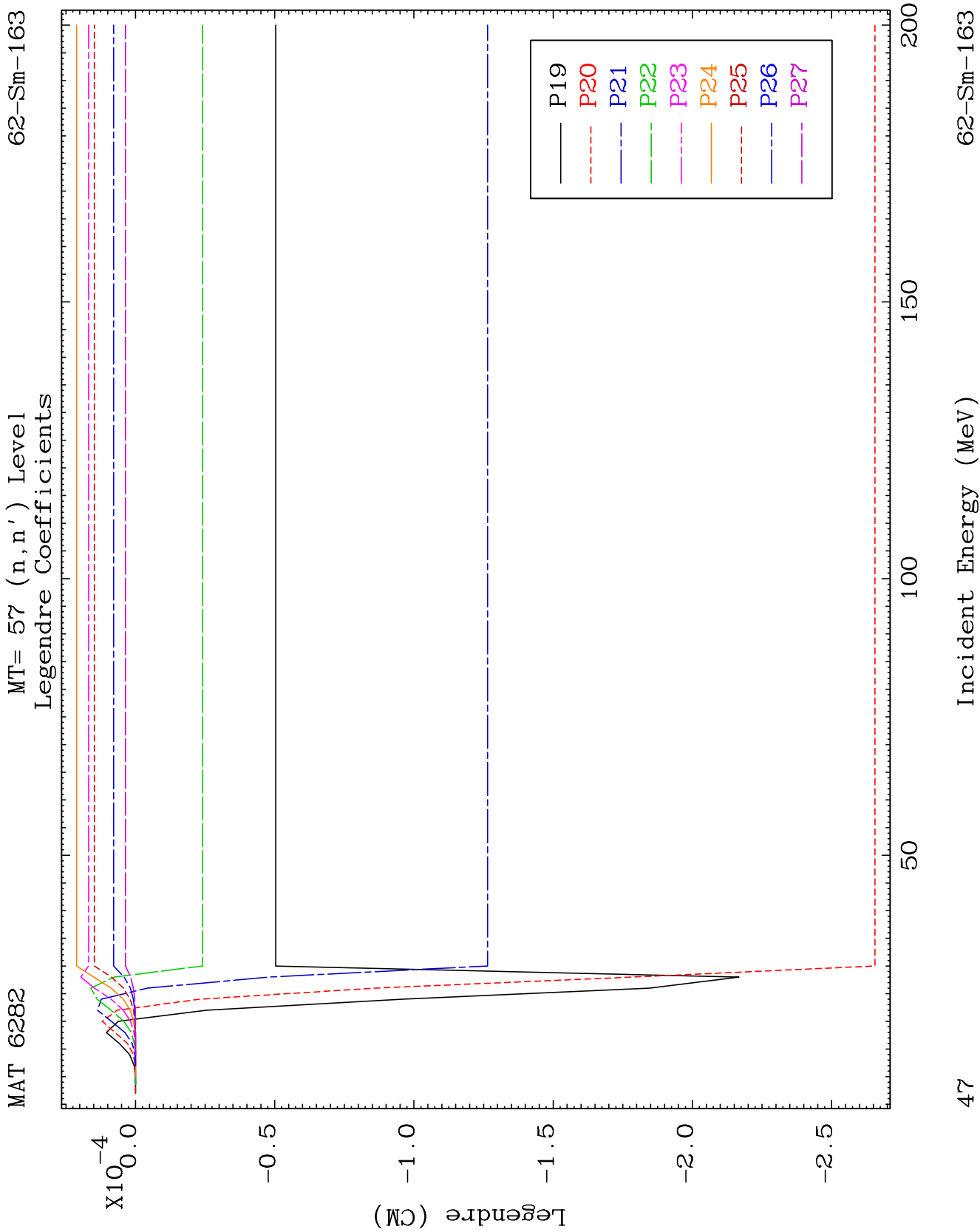


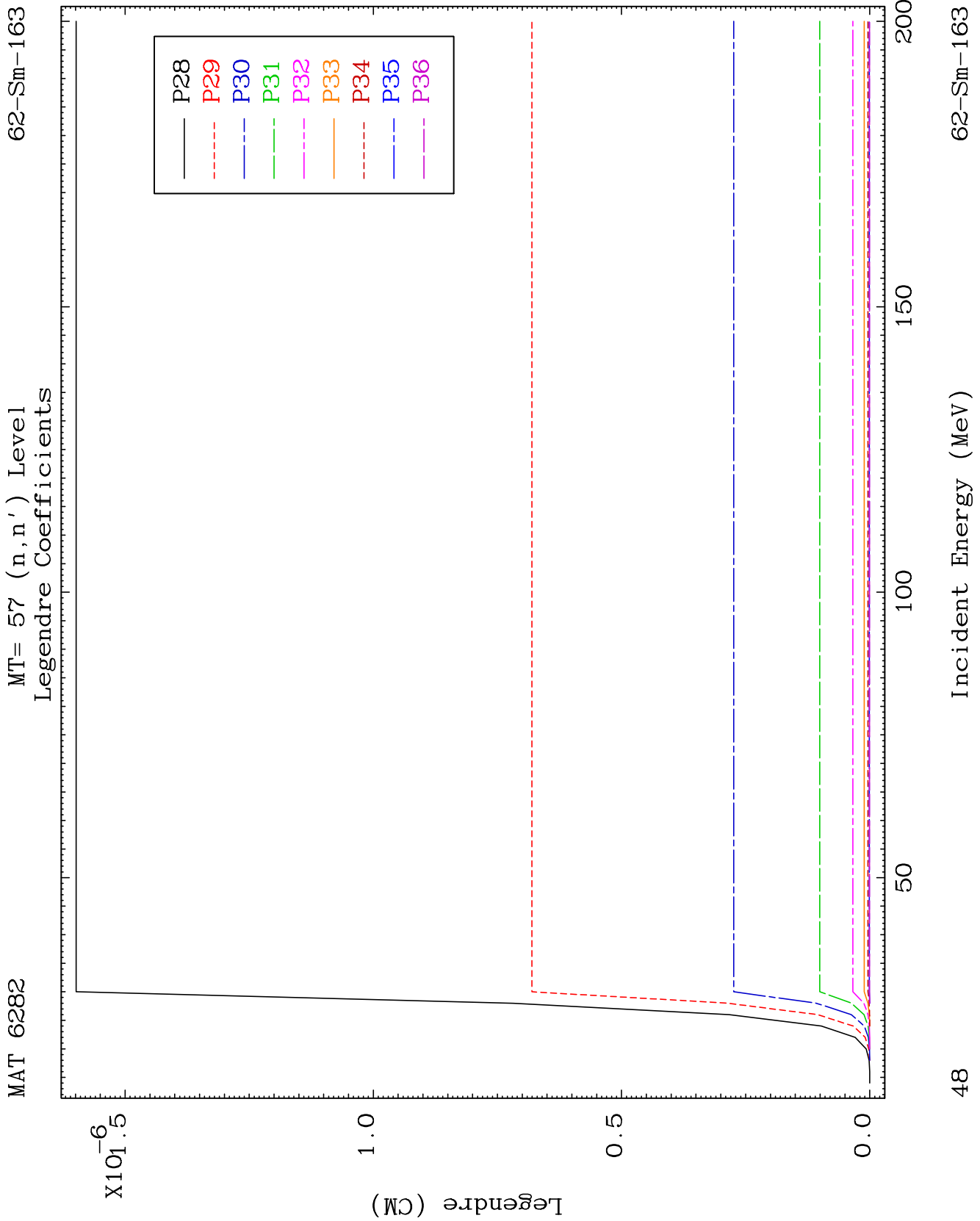
MAT 6282

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

62-Sm-163



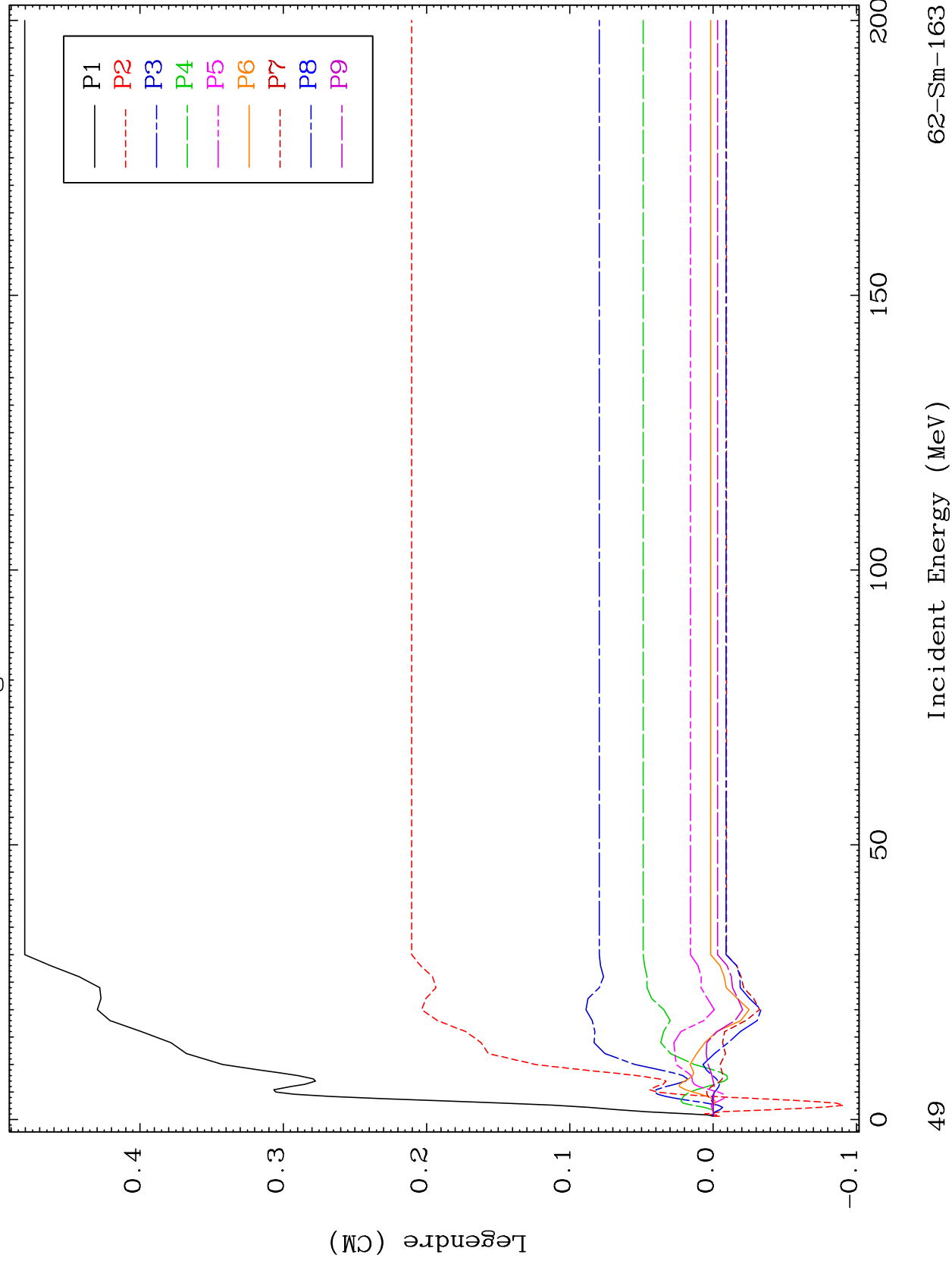


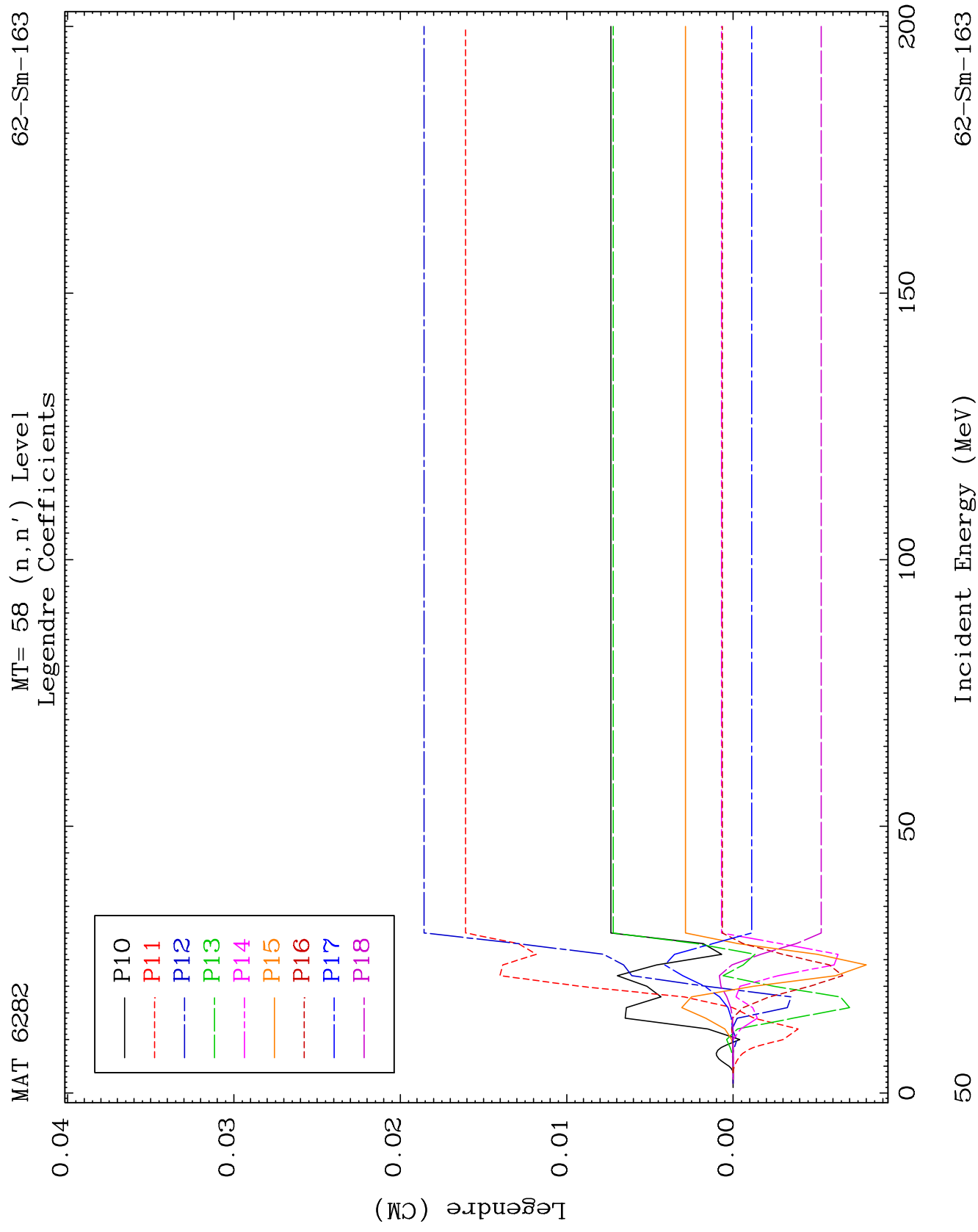


MAT 6282

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

62-Sm-163

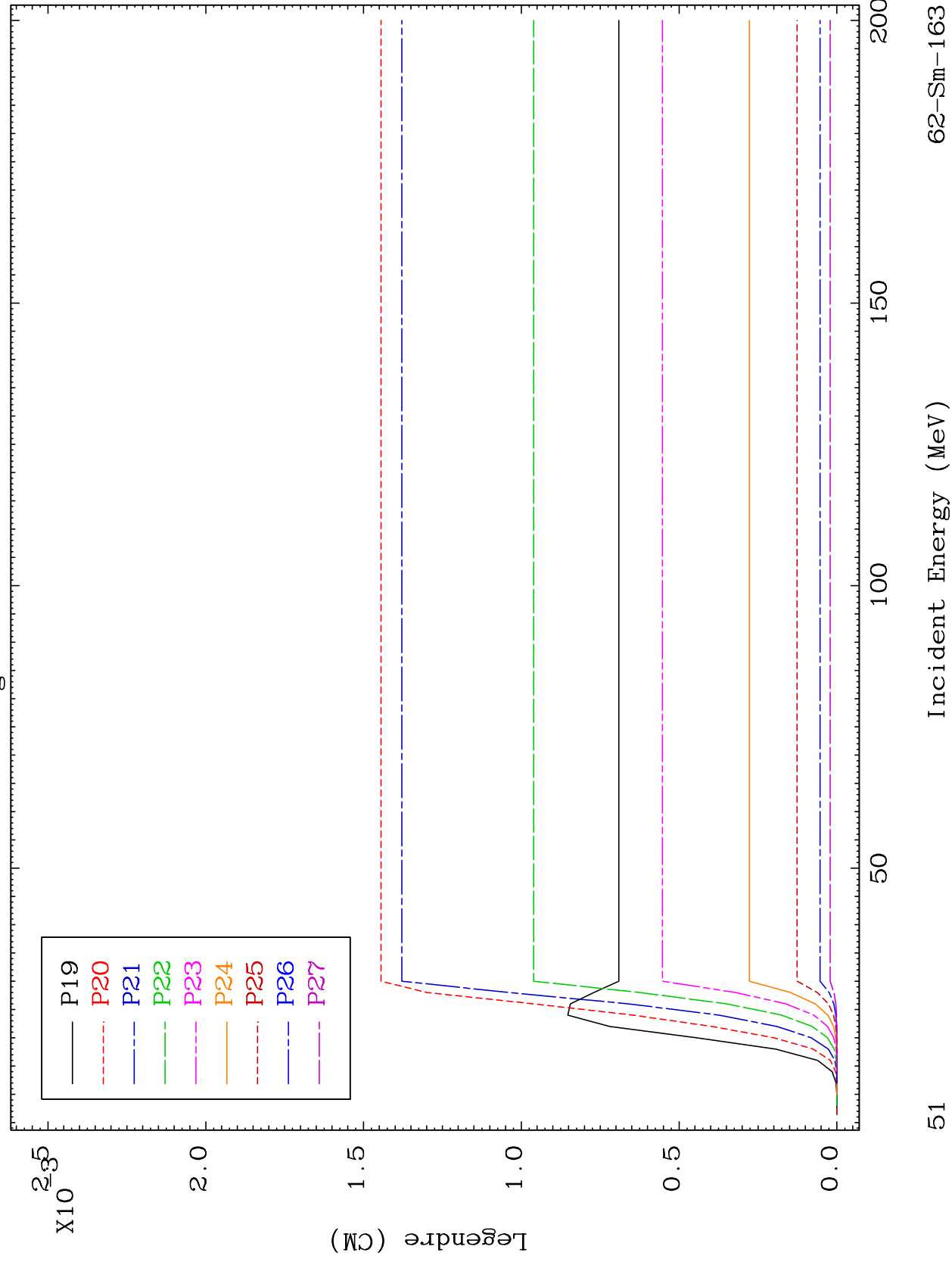


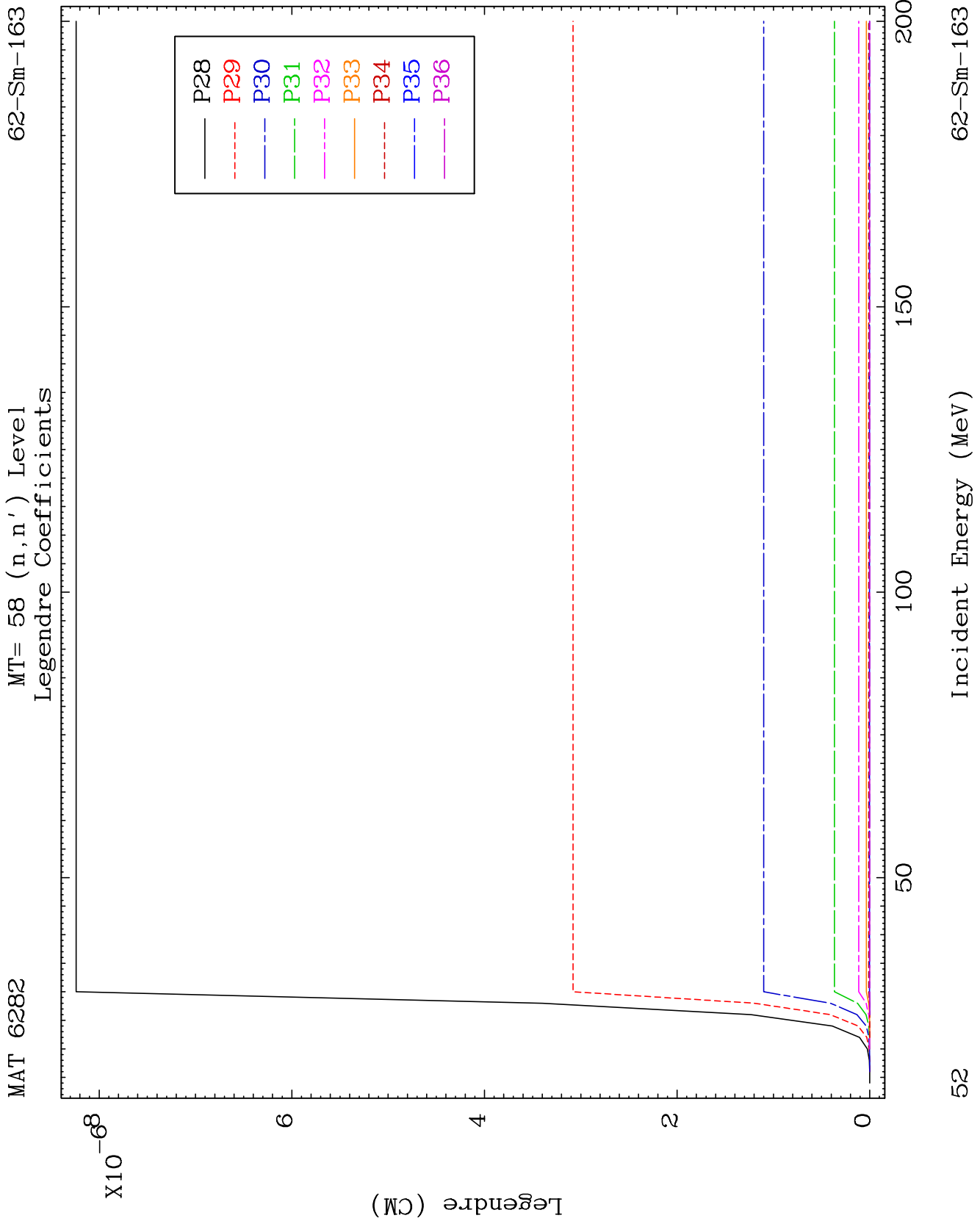


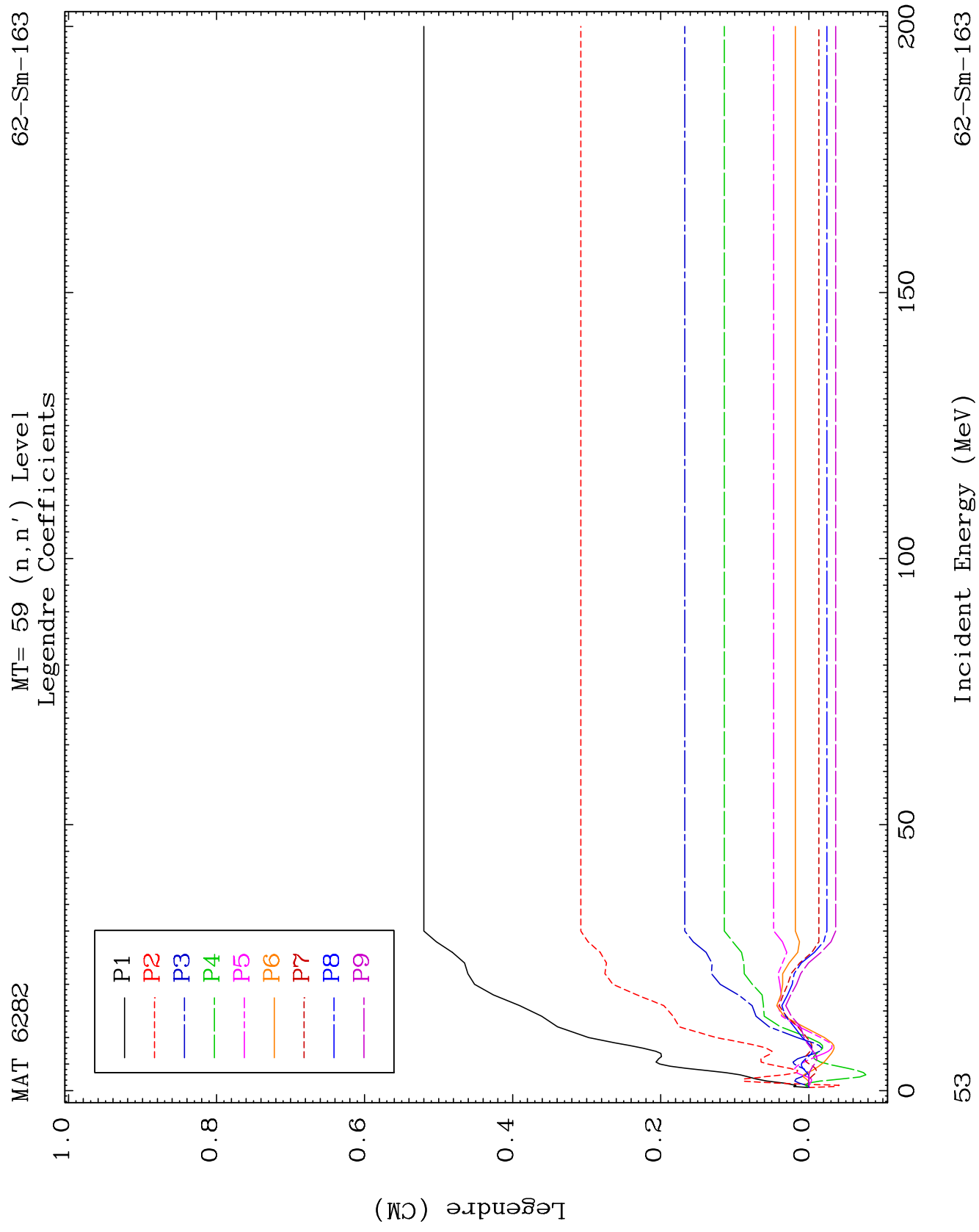
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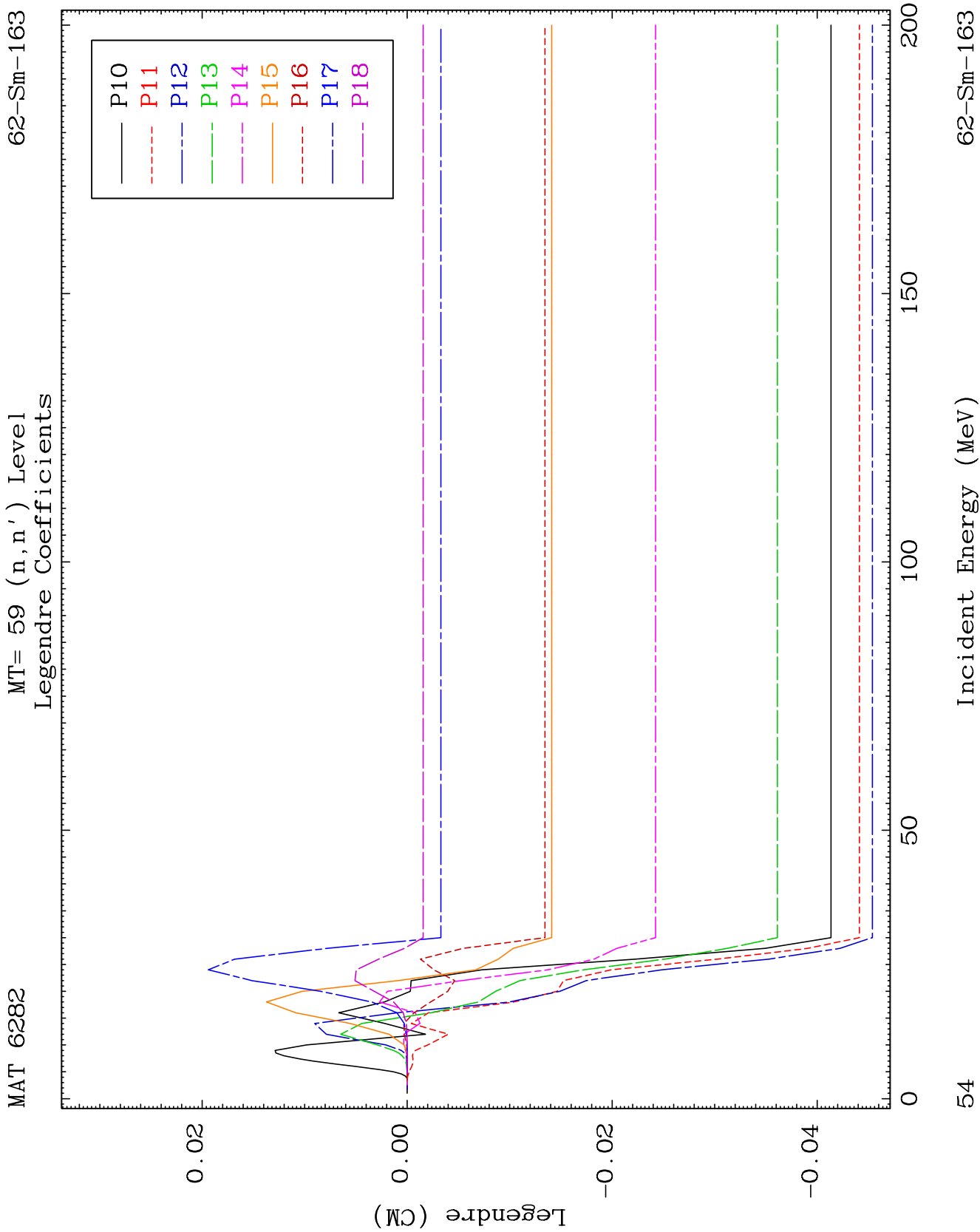
MT= 58 (n, n') Level
Legendre Coefficients

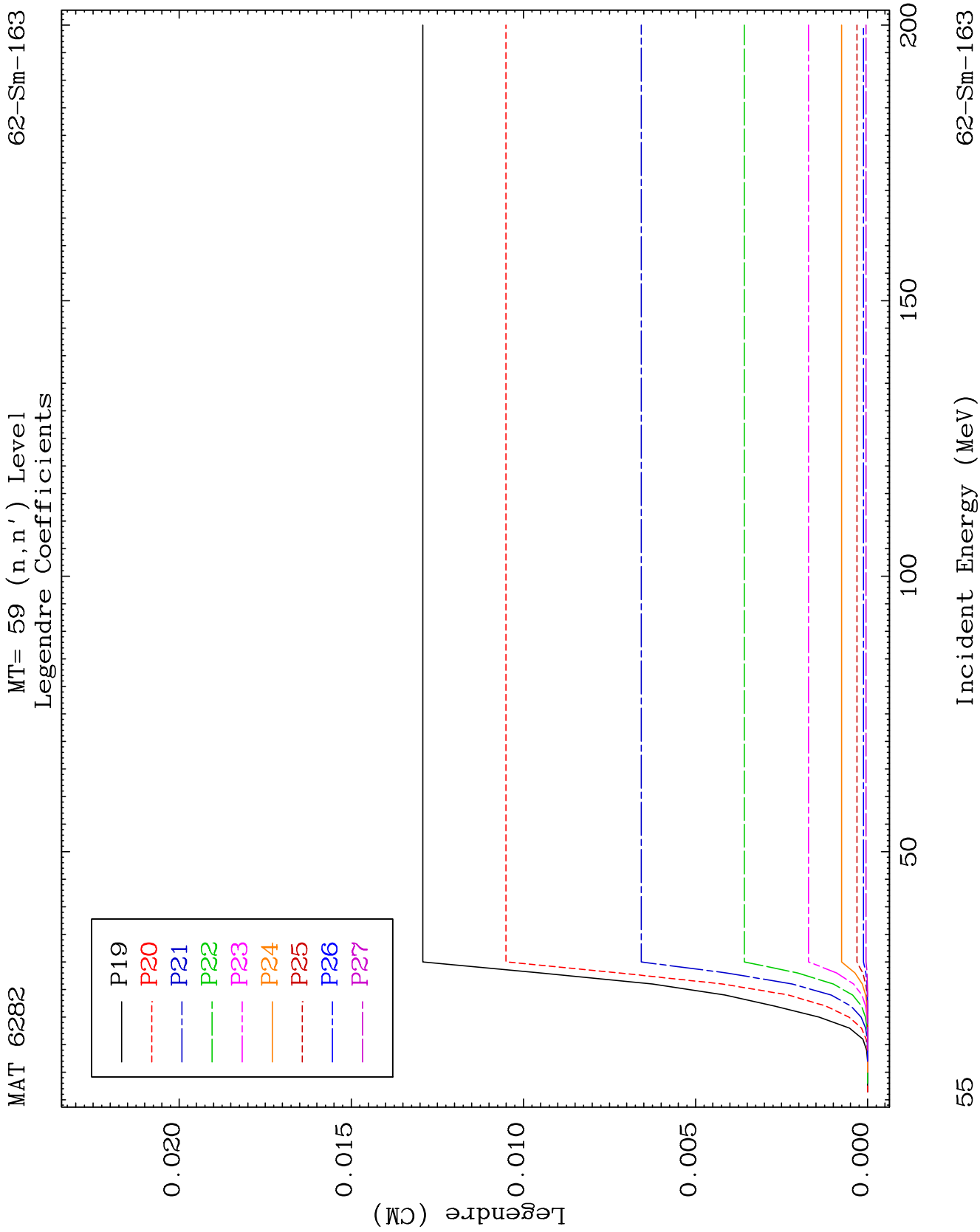
62-Sm-163

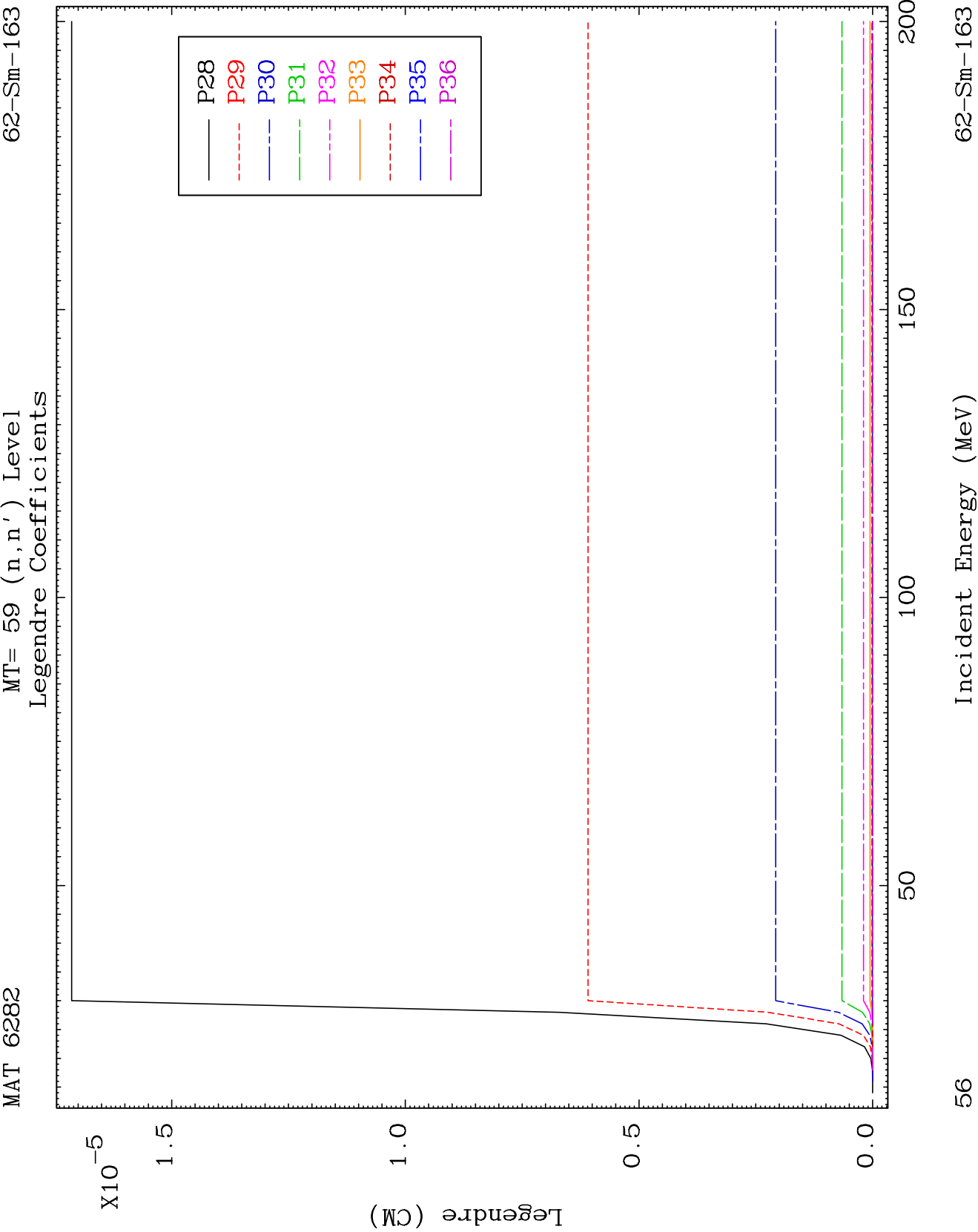


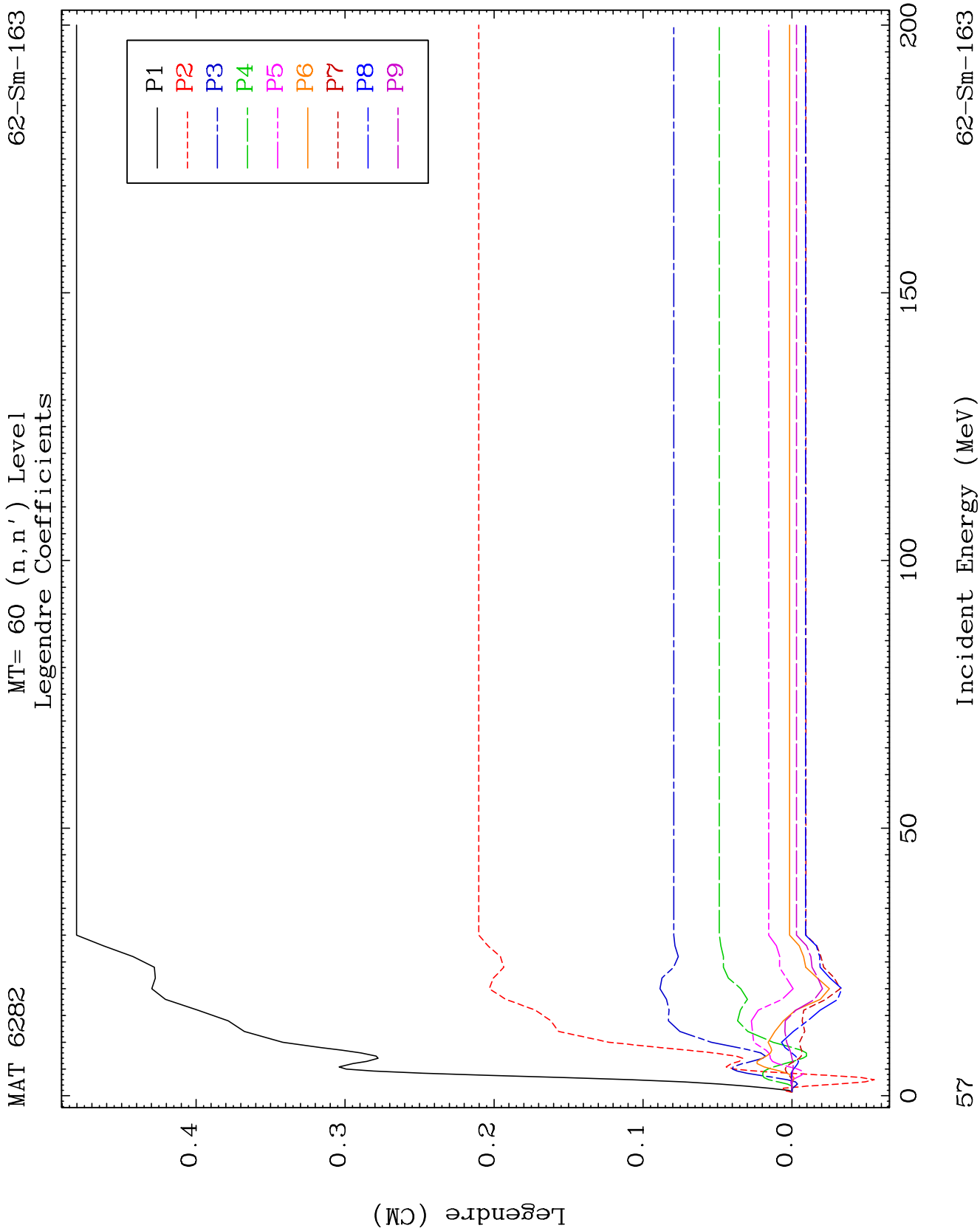


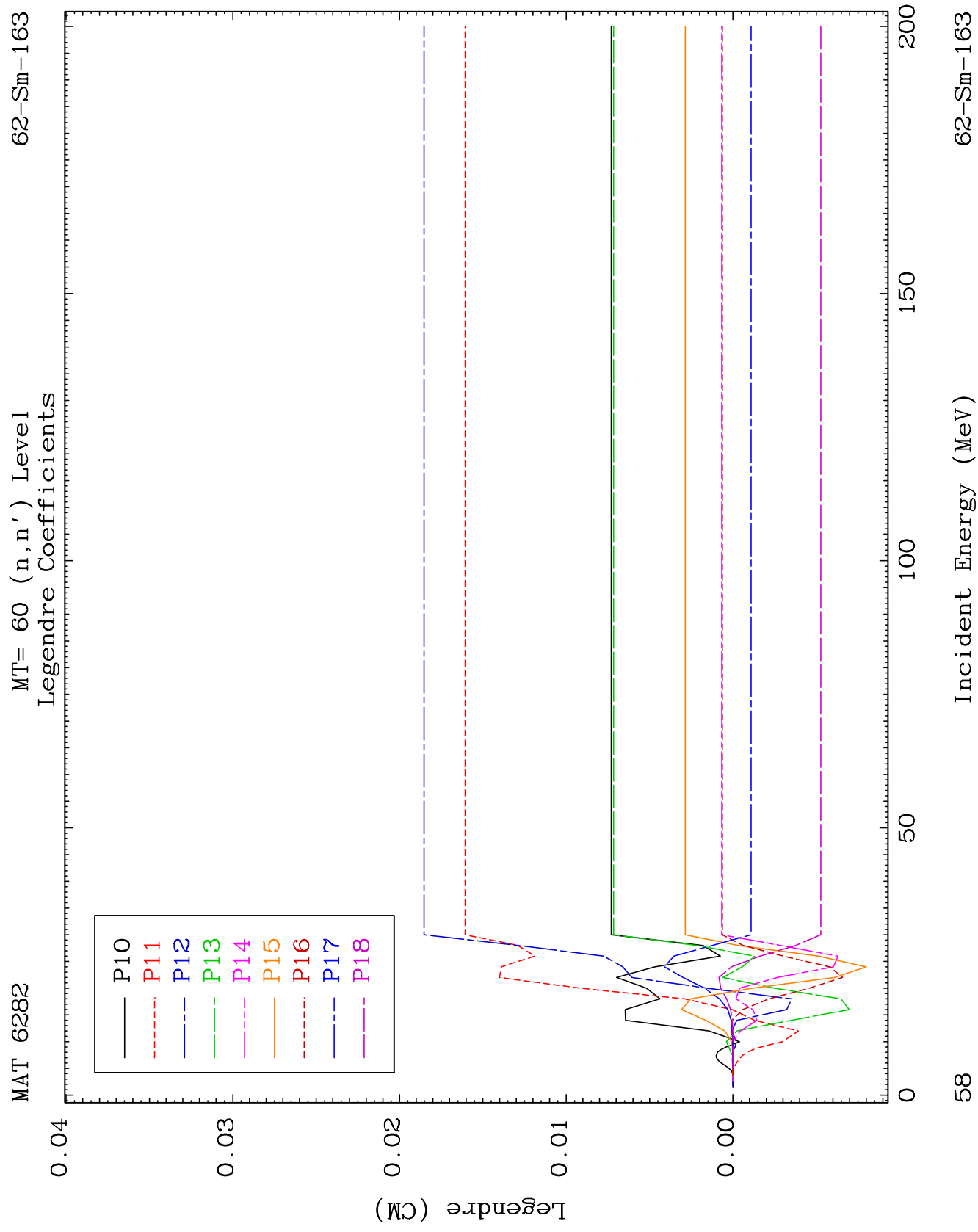


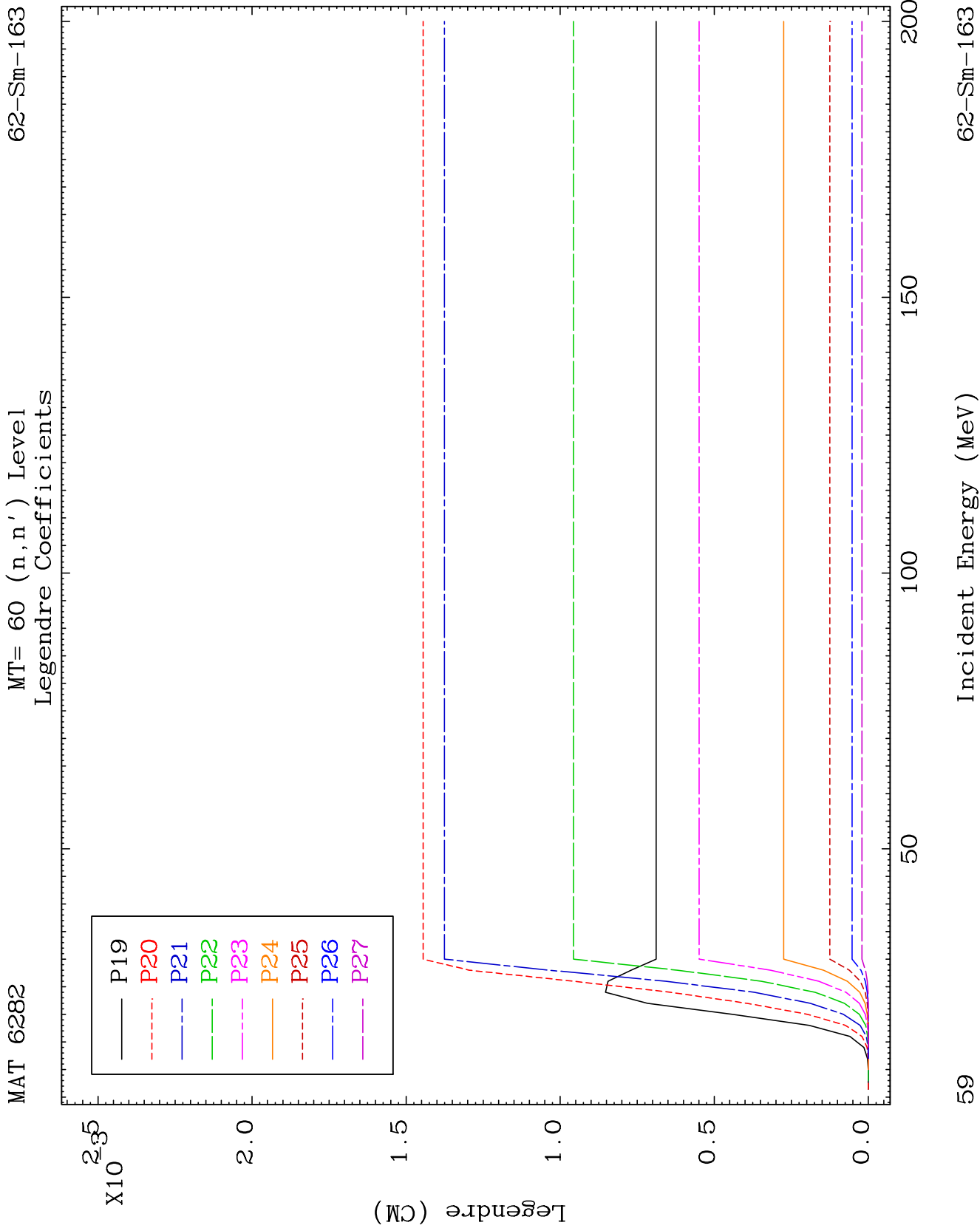








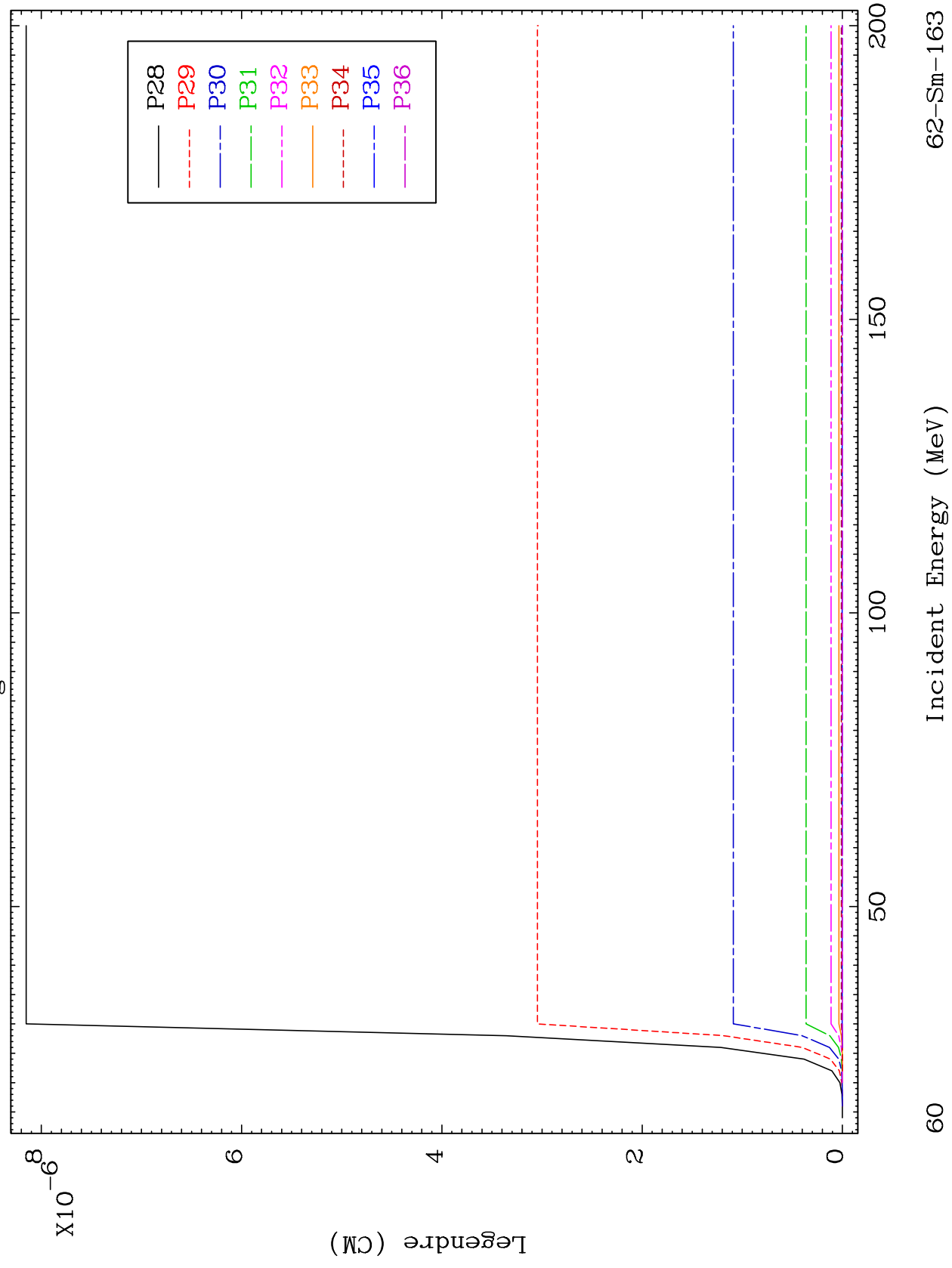




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MT= 60 (n, n') Level
Legendre Coefficients

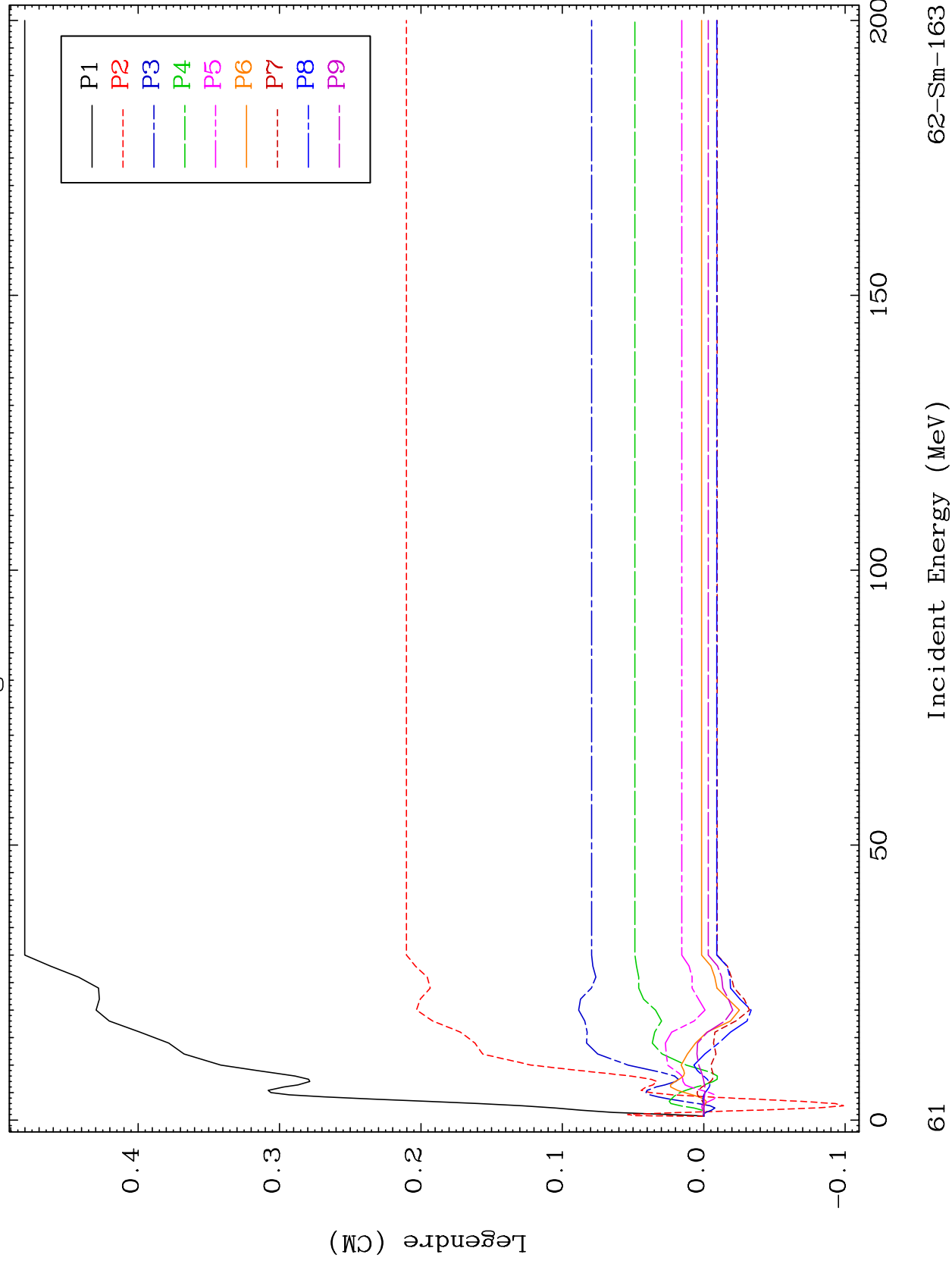
62-Sm-163

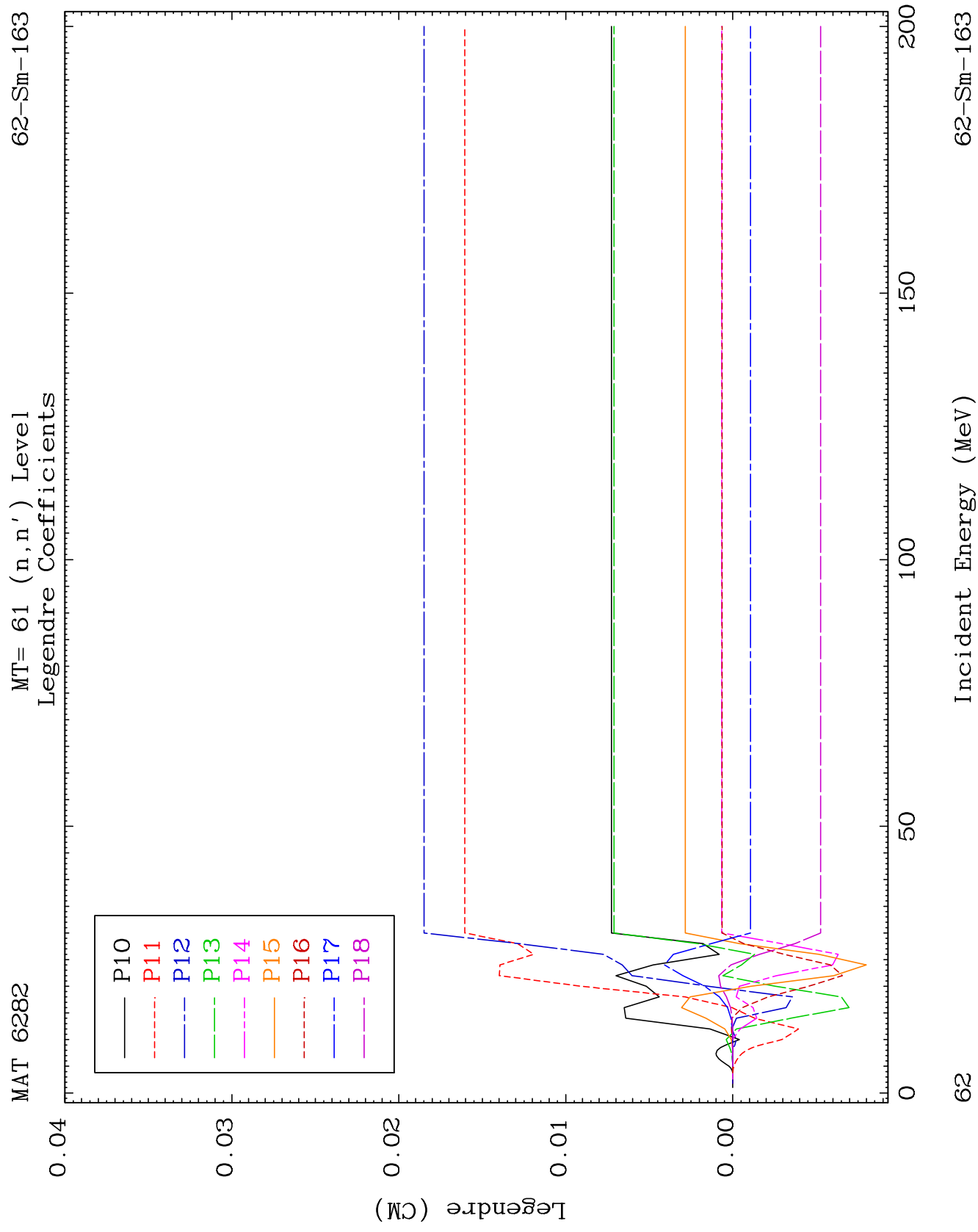


MAT 6282

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

62-Sm-163

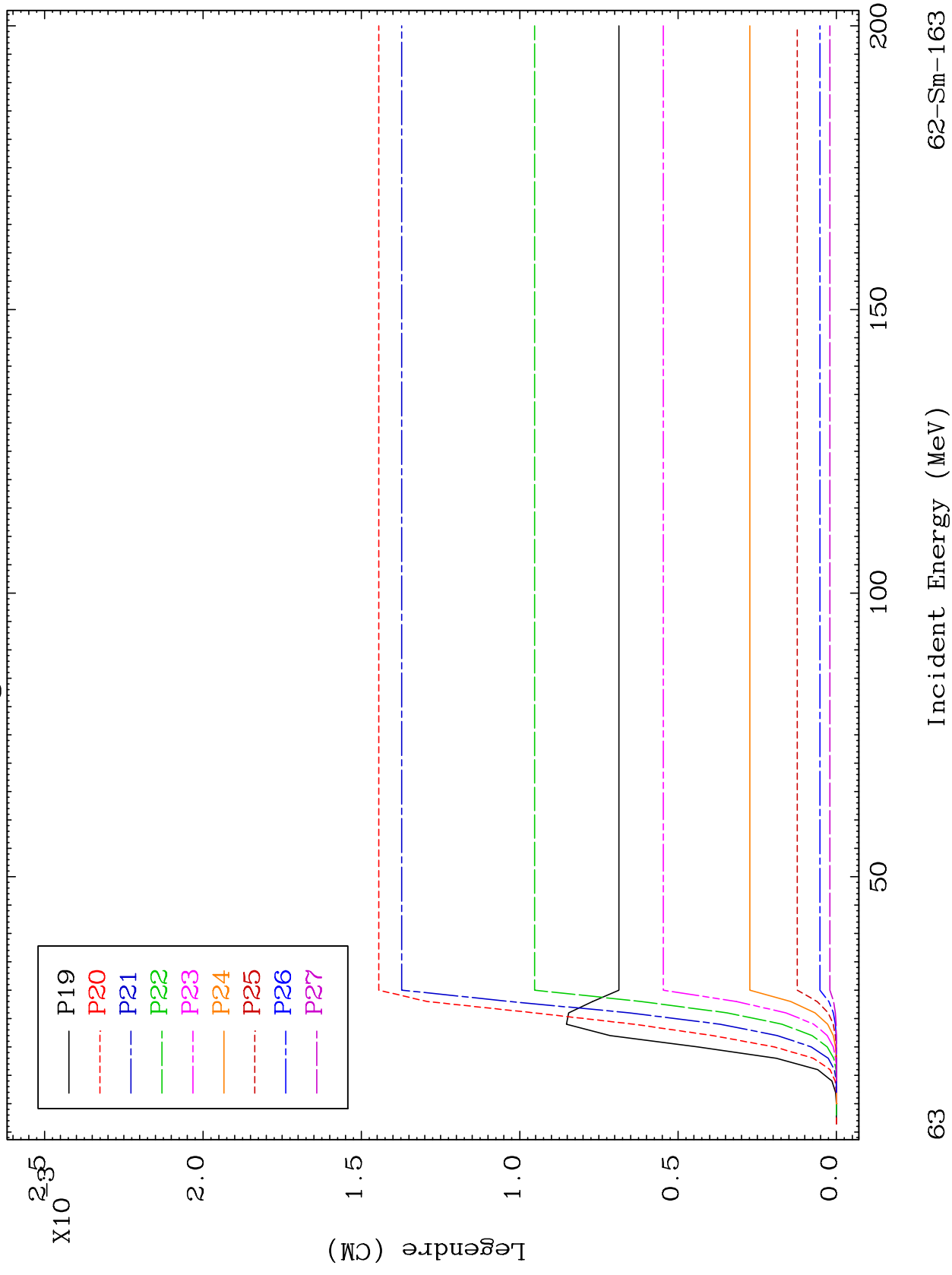


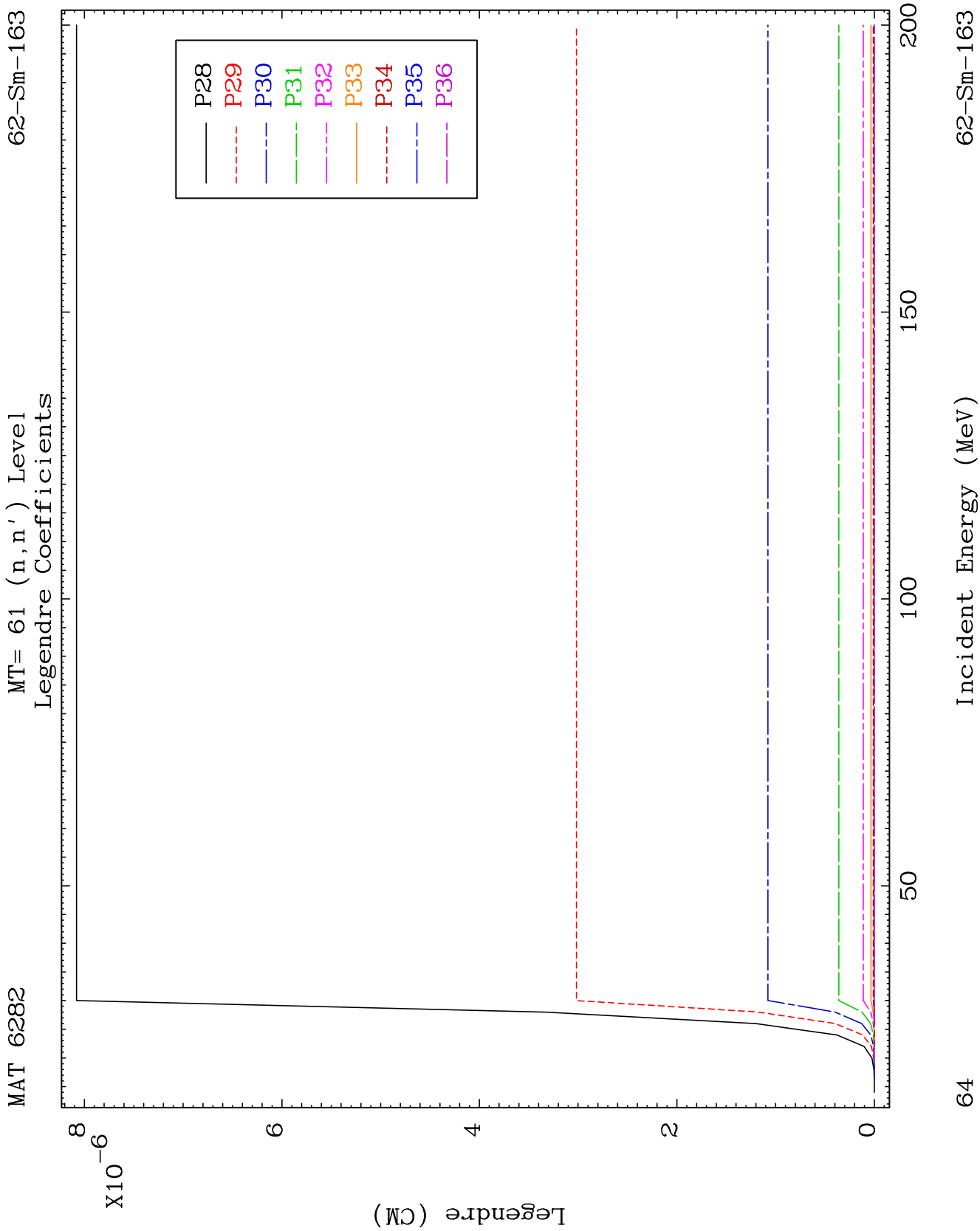


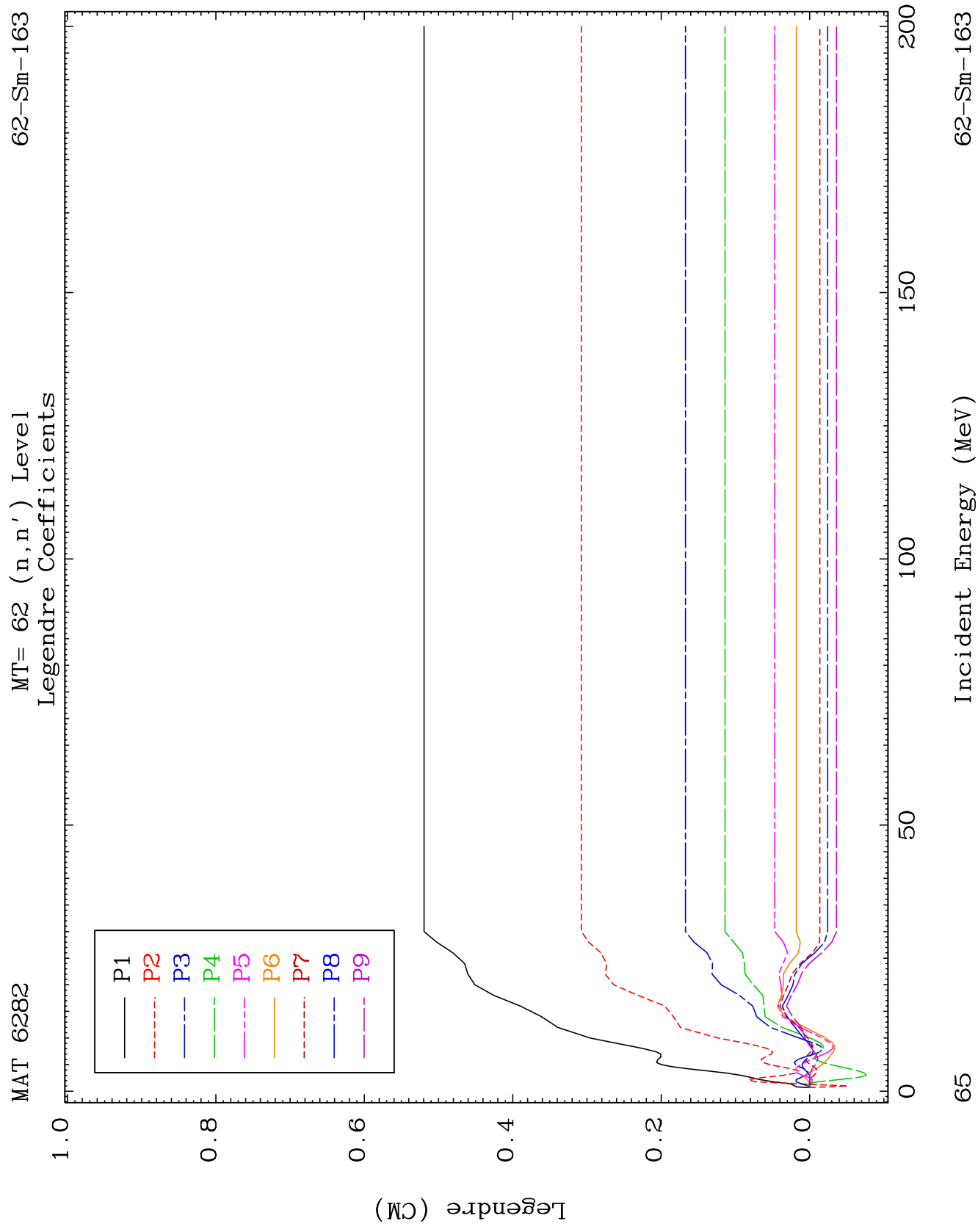
MAT 6282

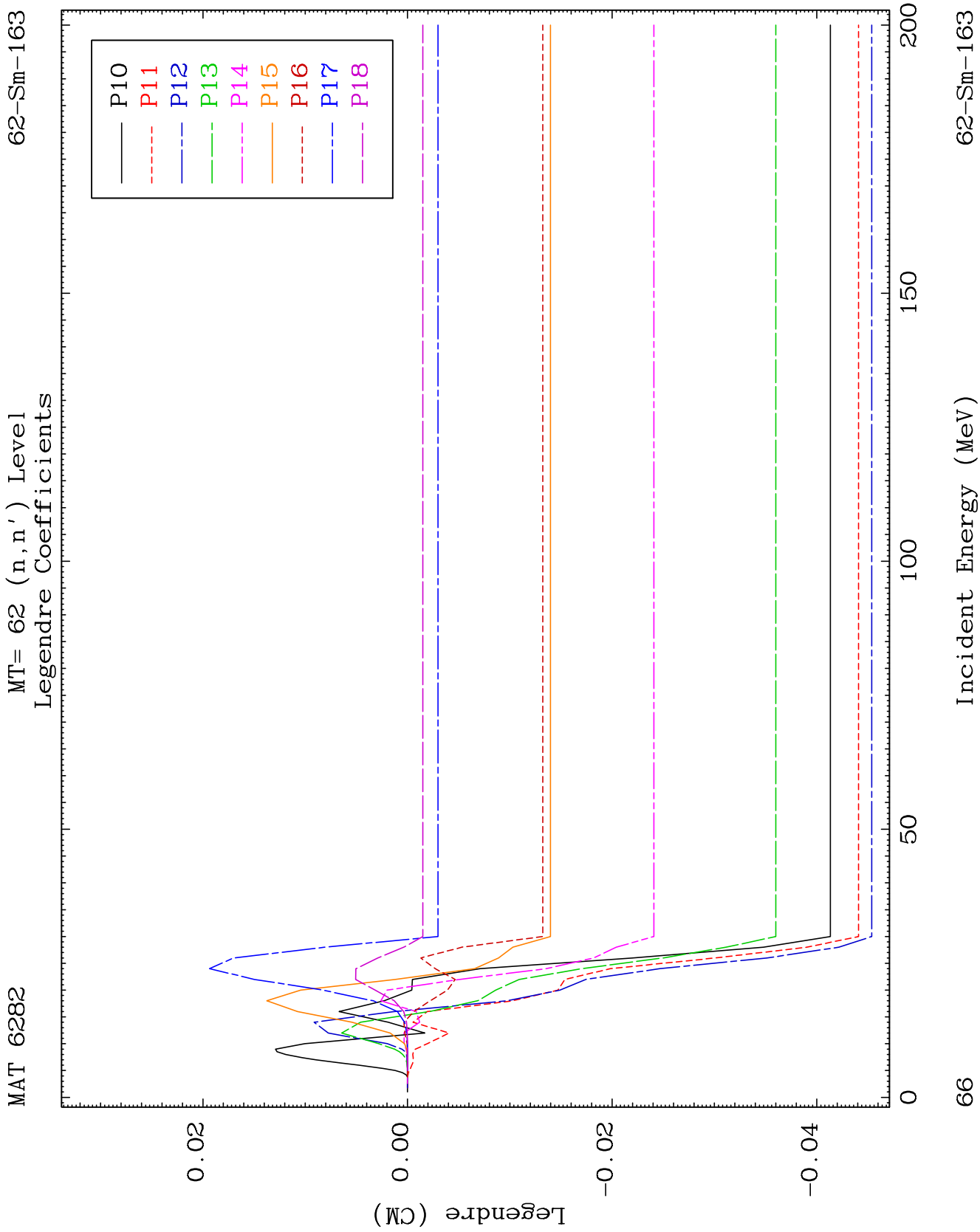
MT= 61 (n, n') Level
Legendre Coefficients

62-Sm-163





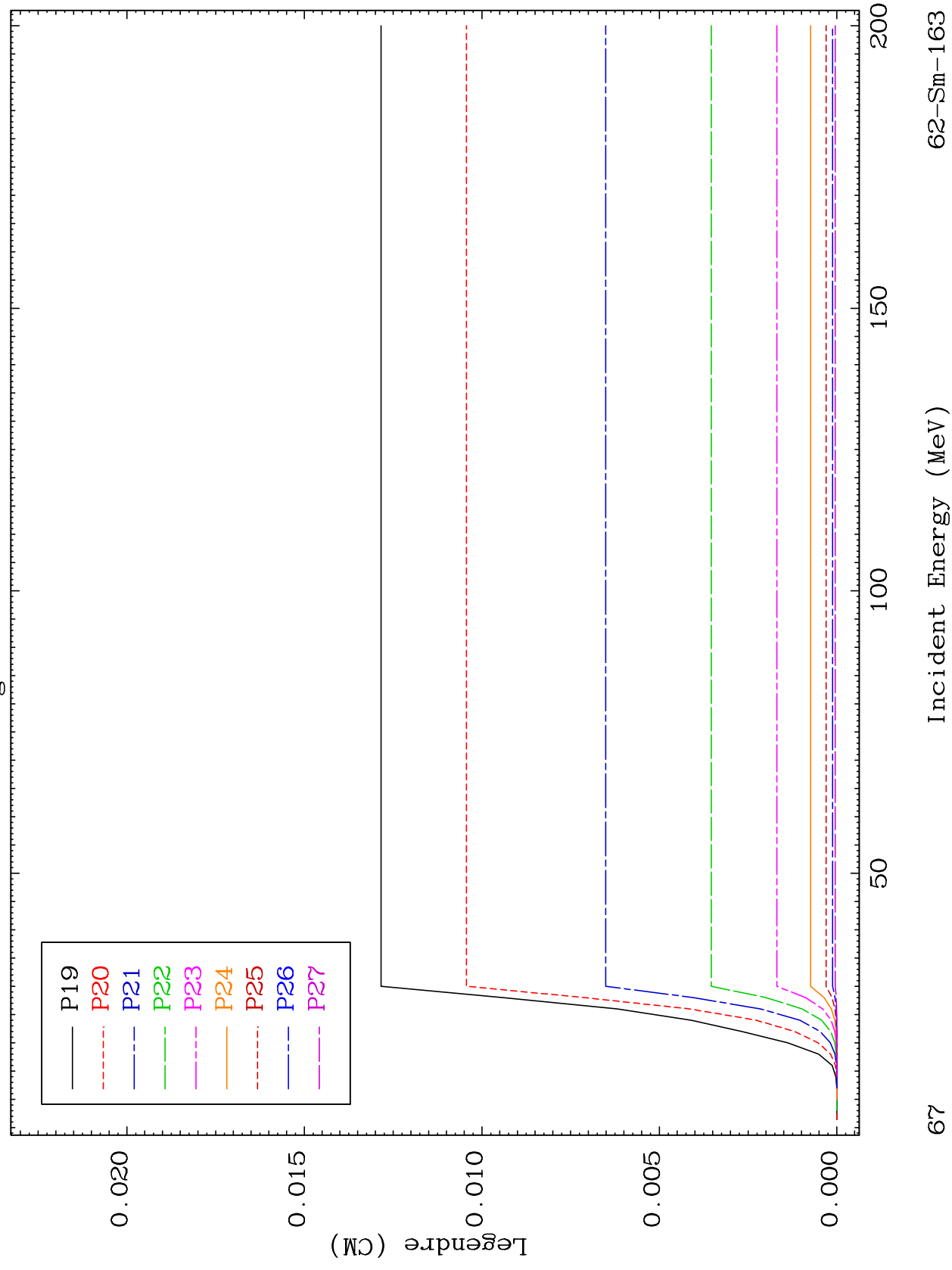




MAT 6282

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

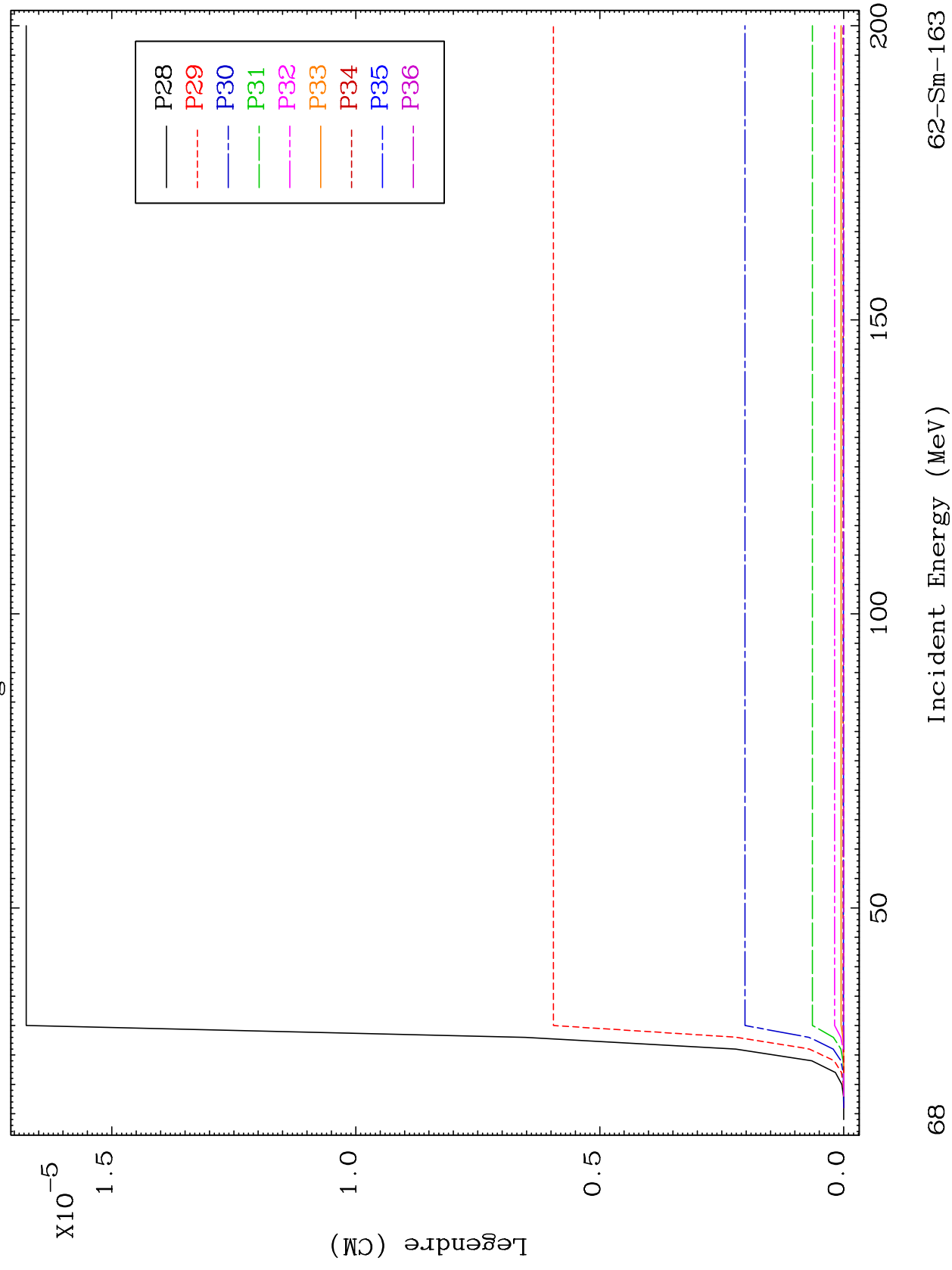
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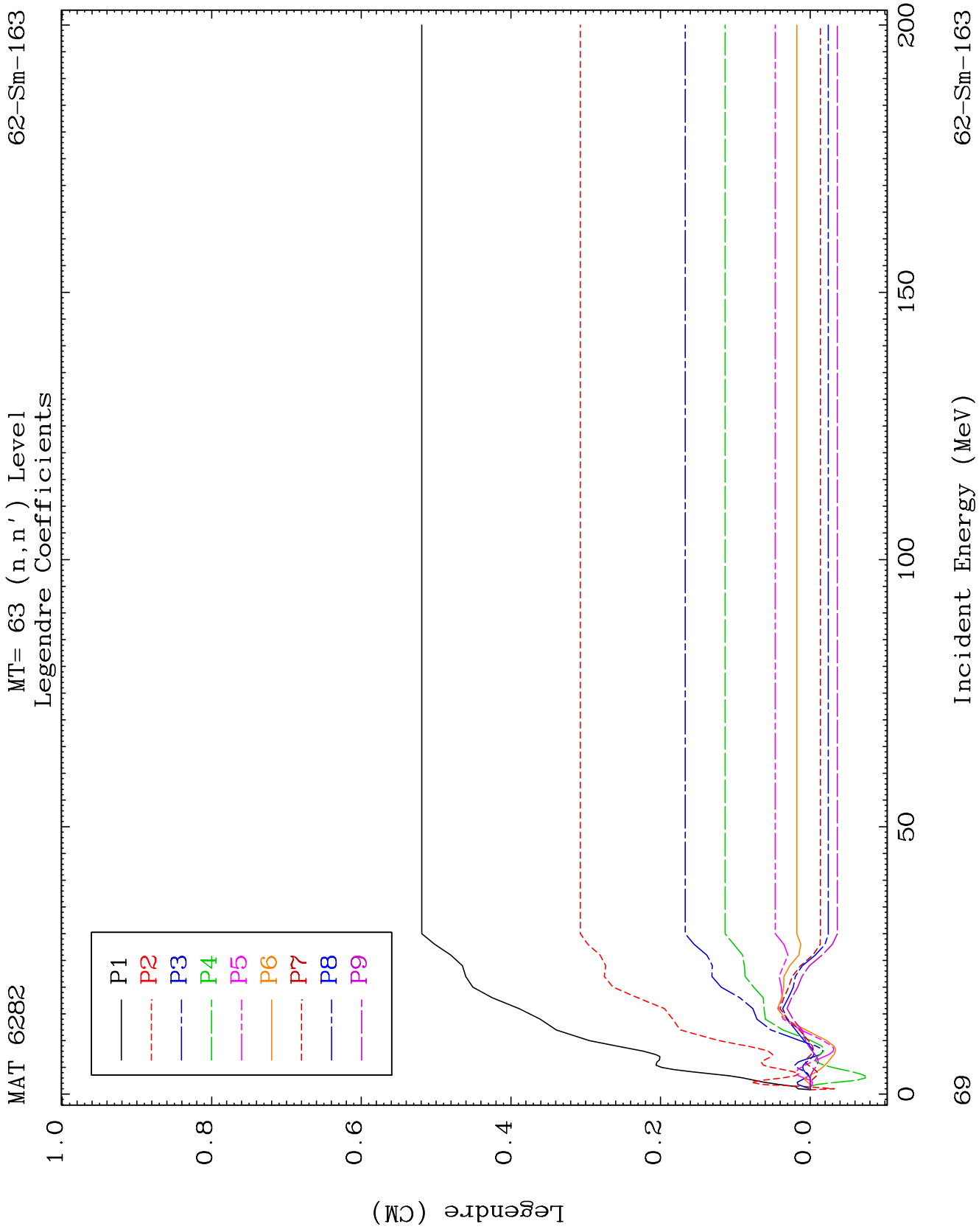


MAT 6282

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

62-Sm-163

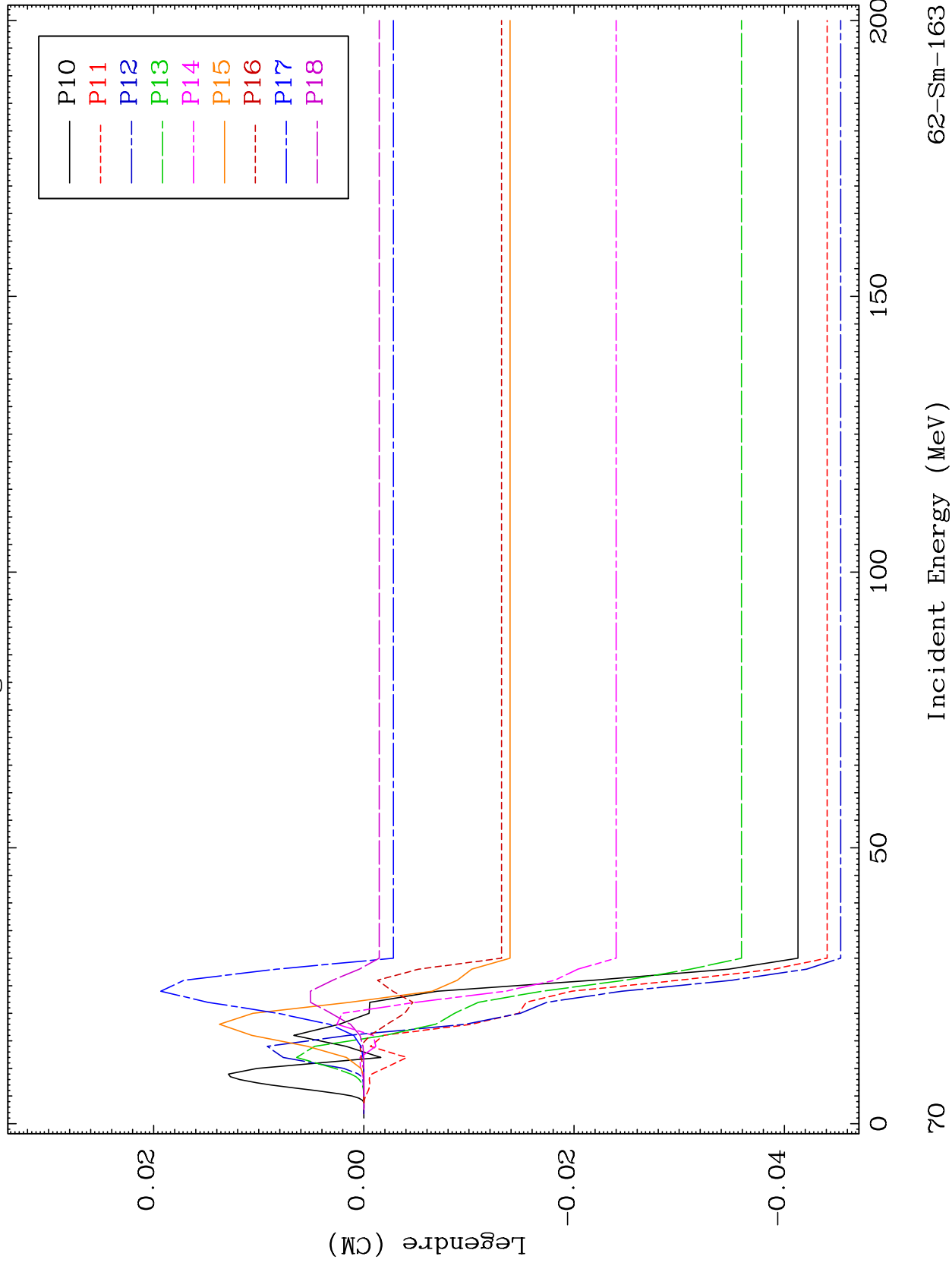




MAT 6282

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

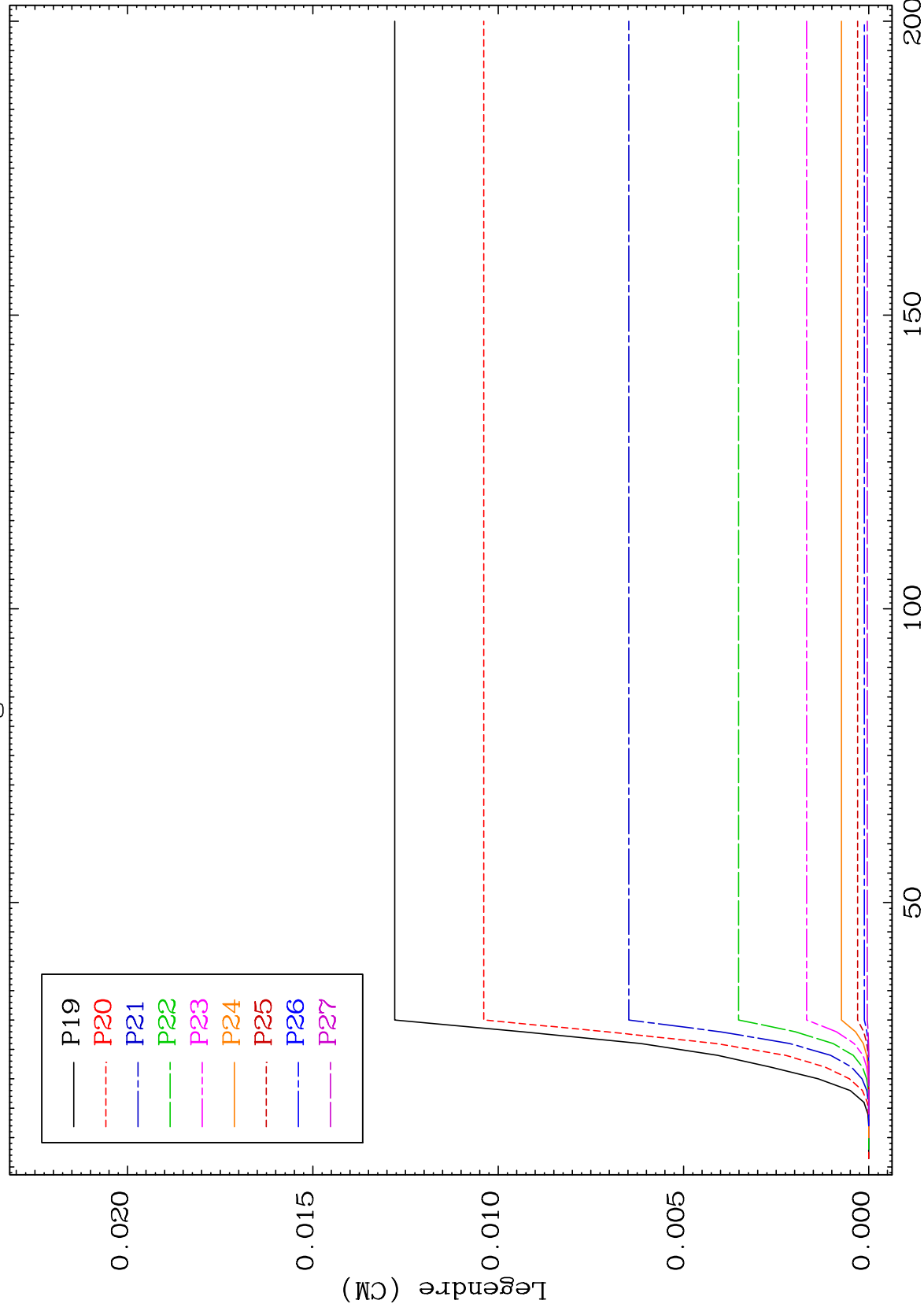
62-Sm-163



MAT 6282

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

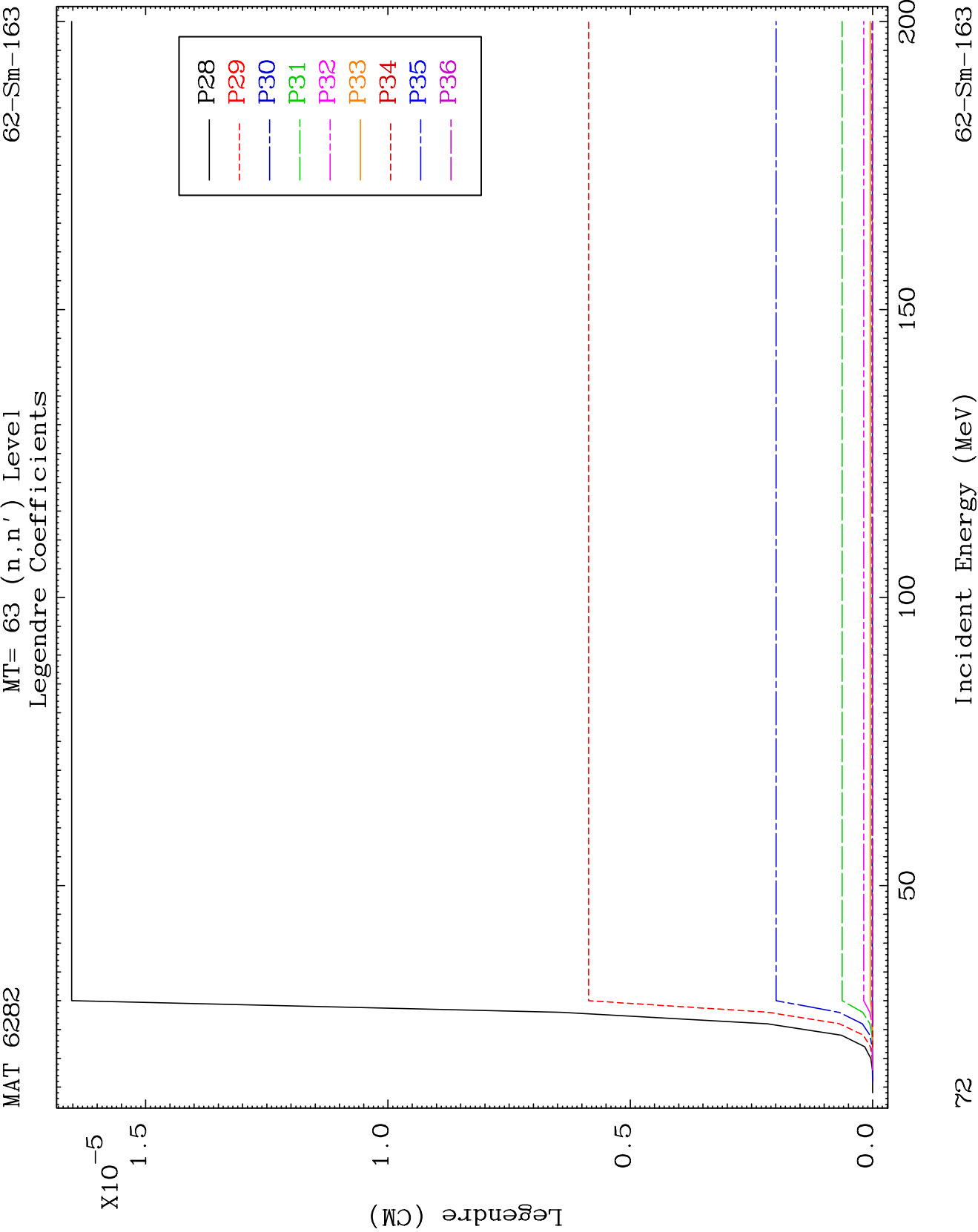
62-Sm-163

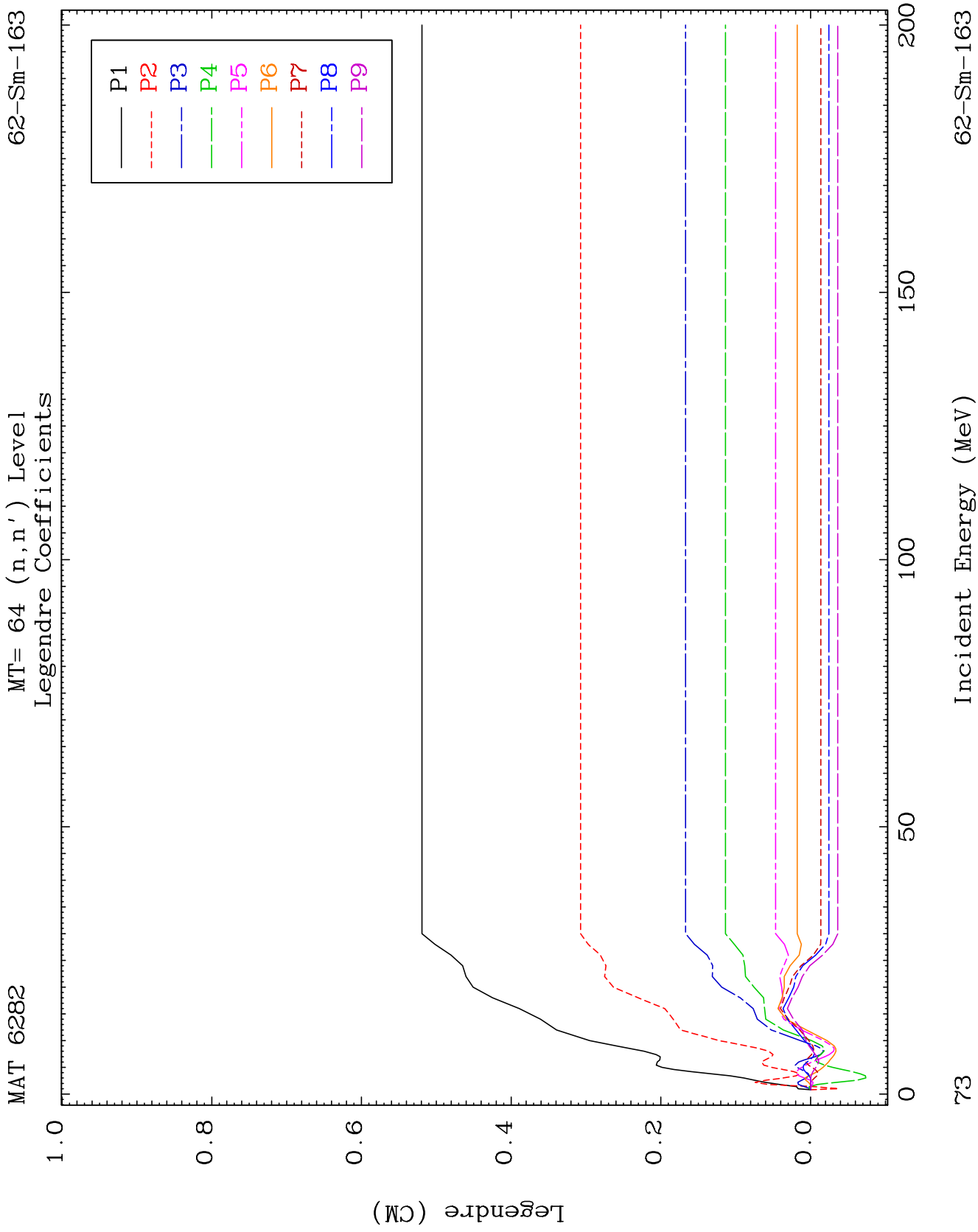


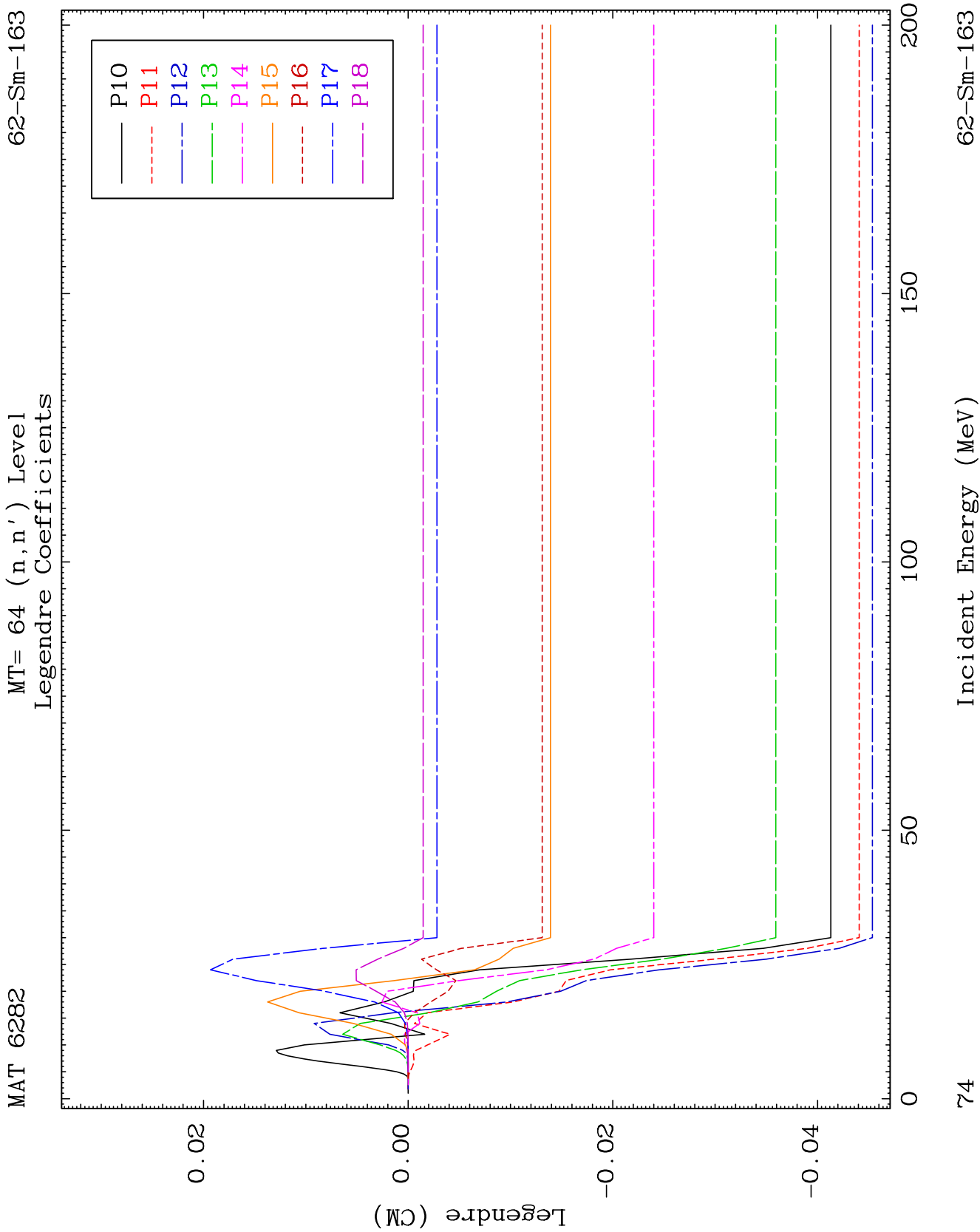
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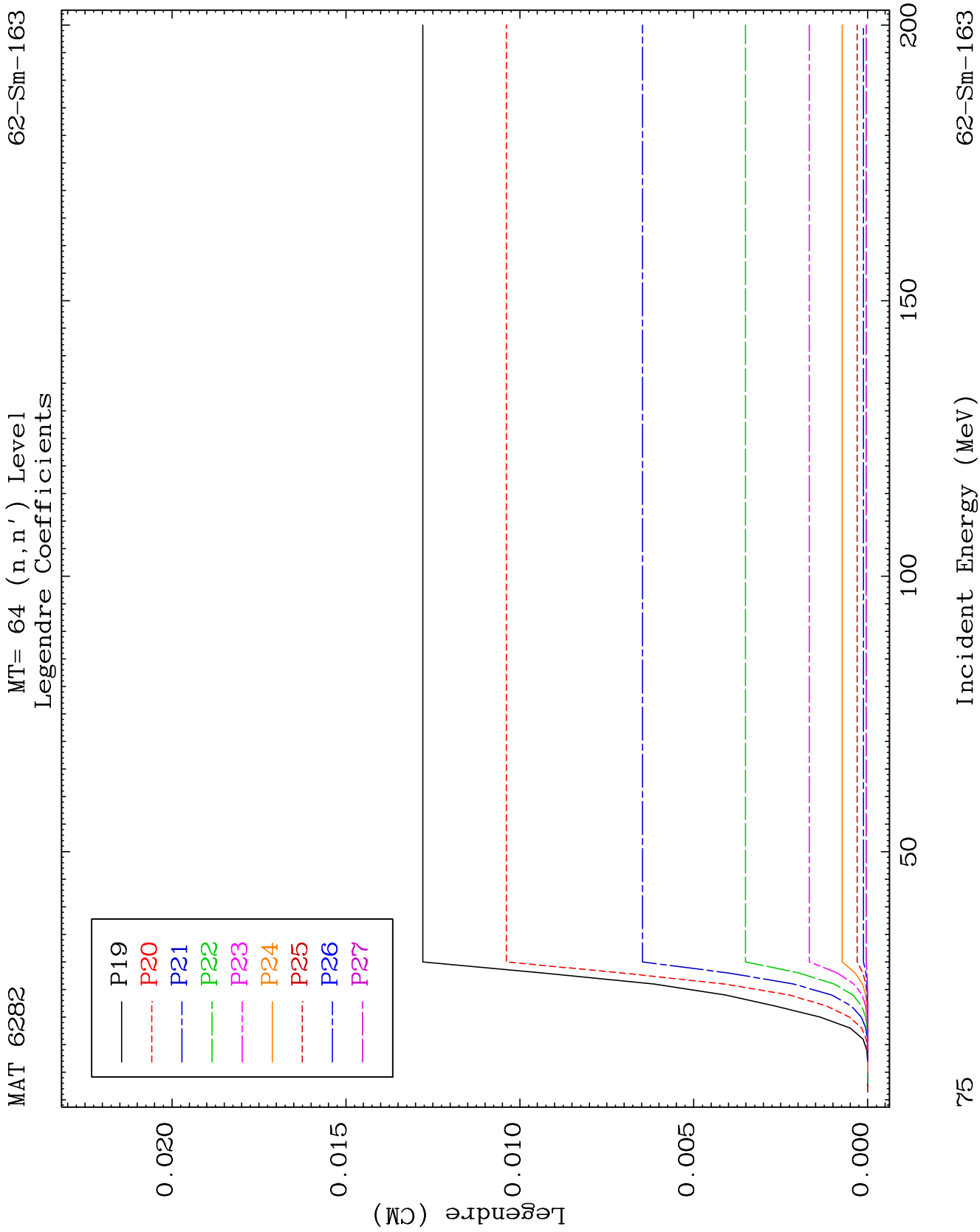
Incident Energy (MeV)

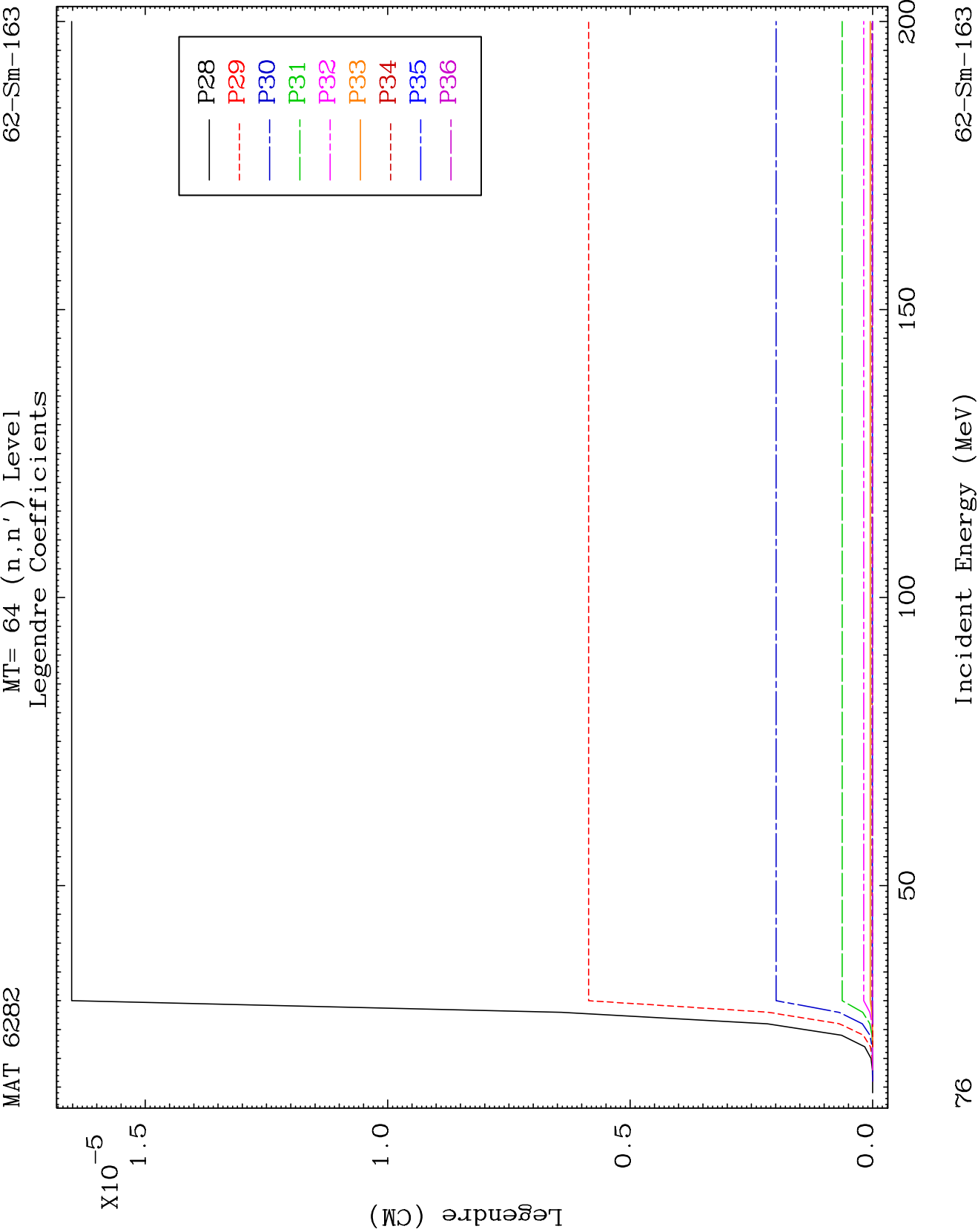
62-Sm-163

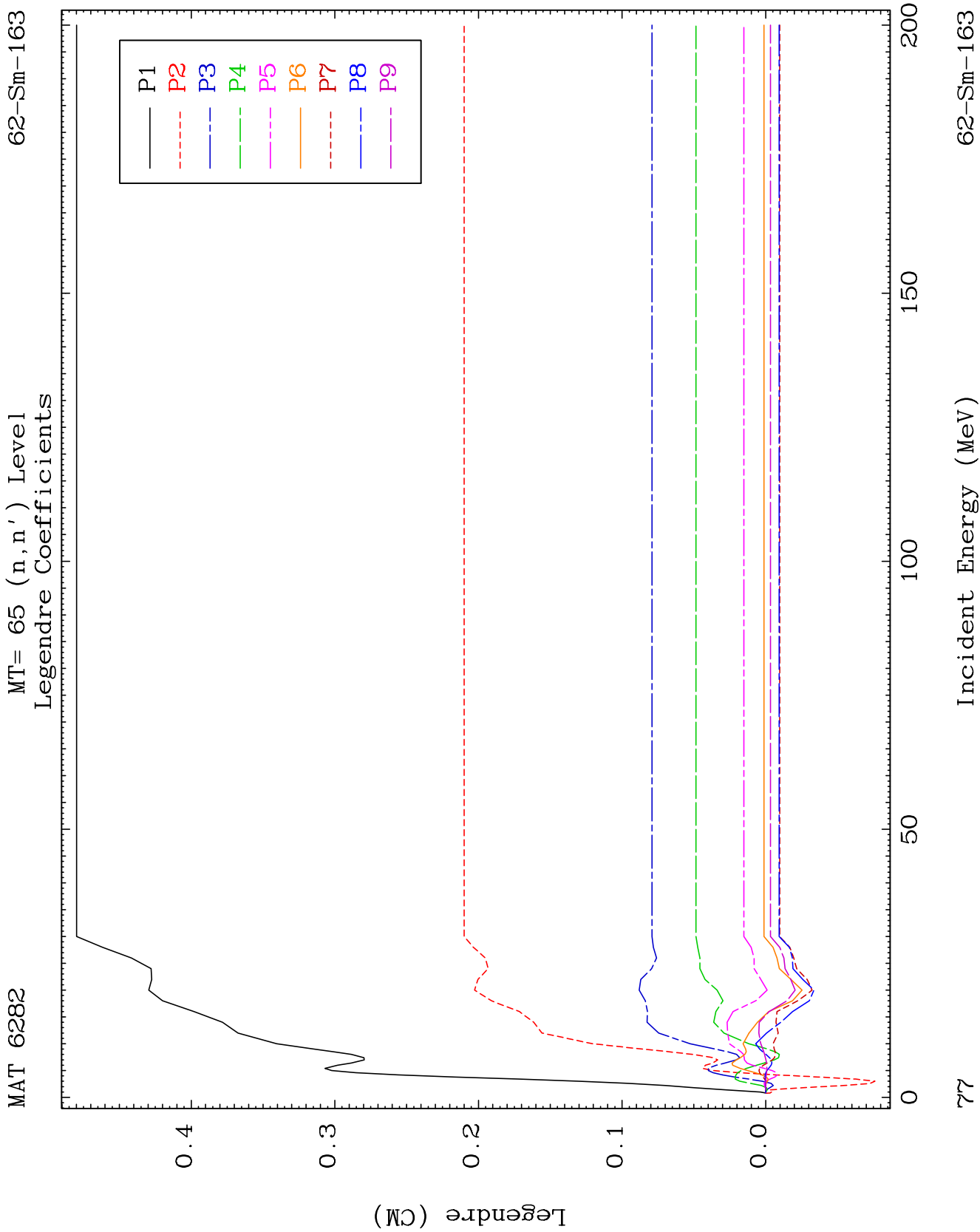








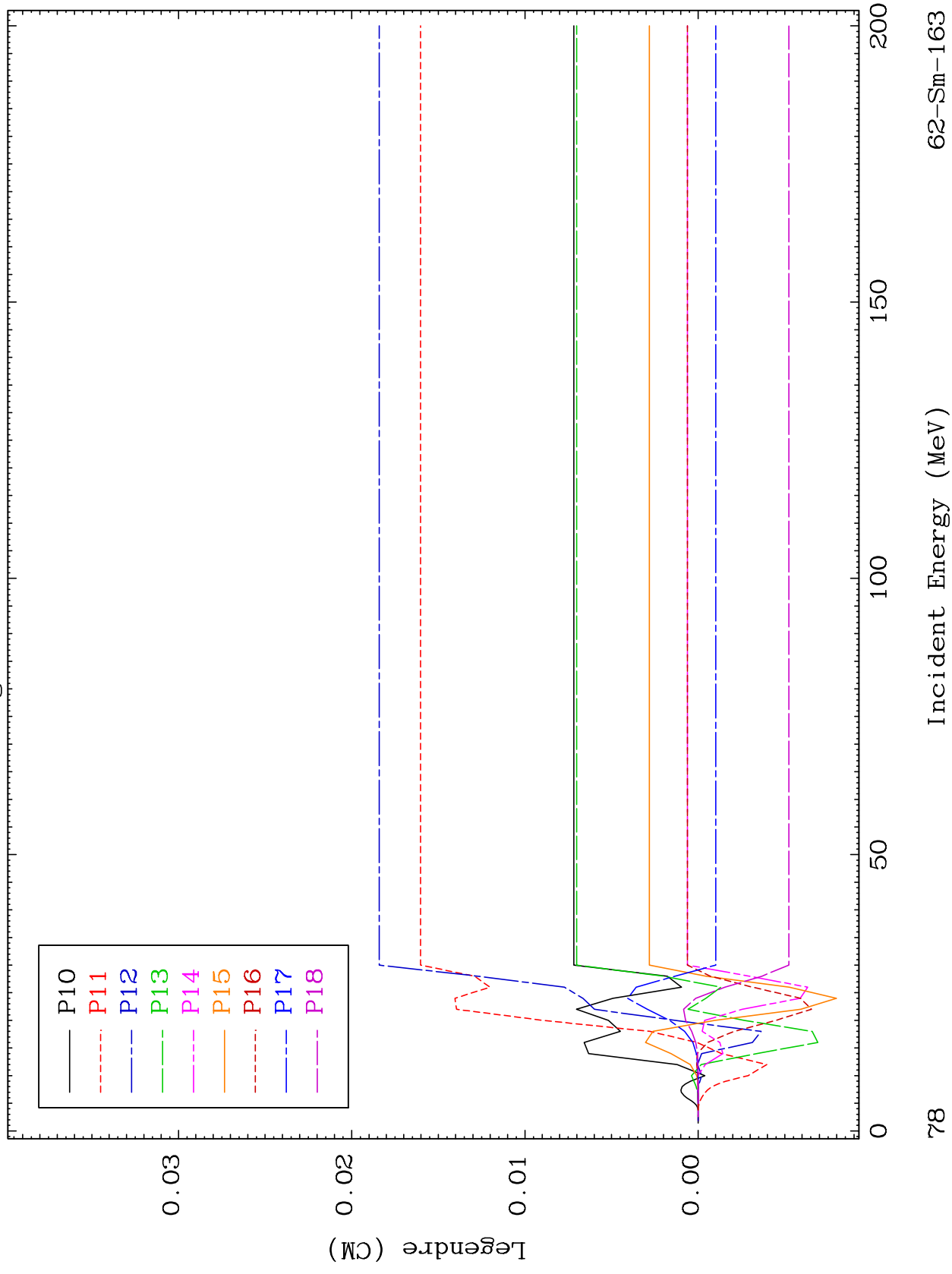


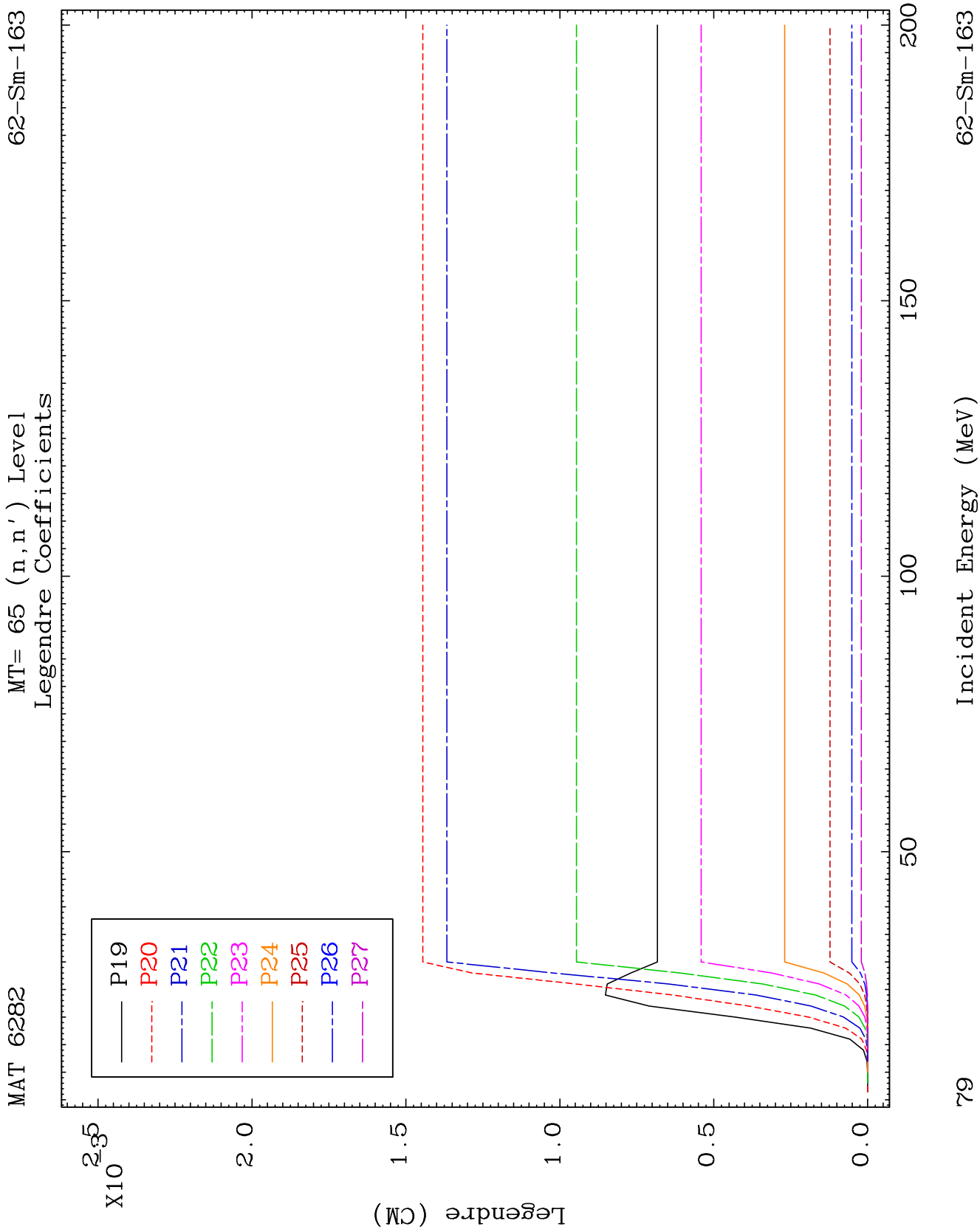


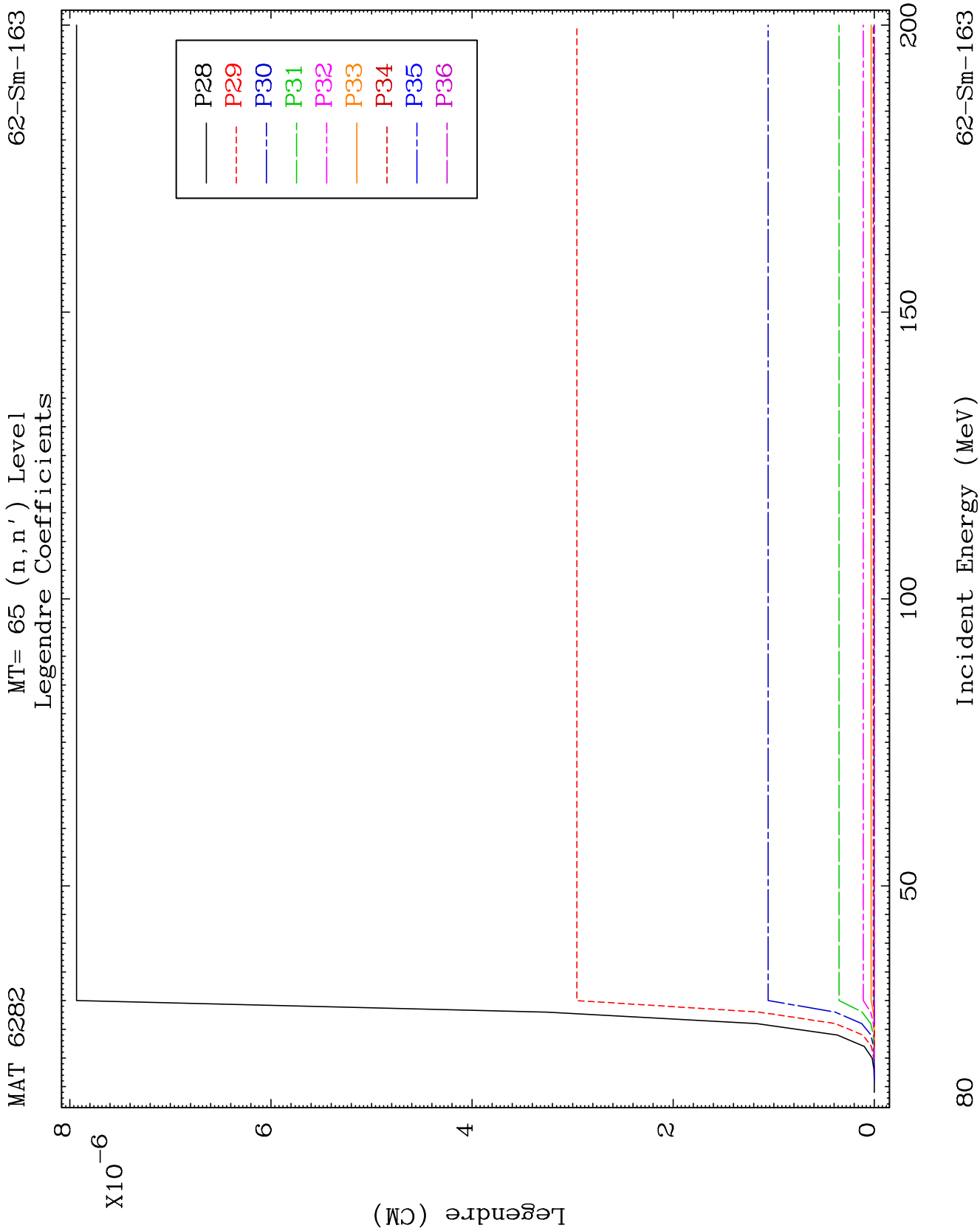
MAT 6282

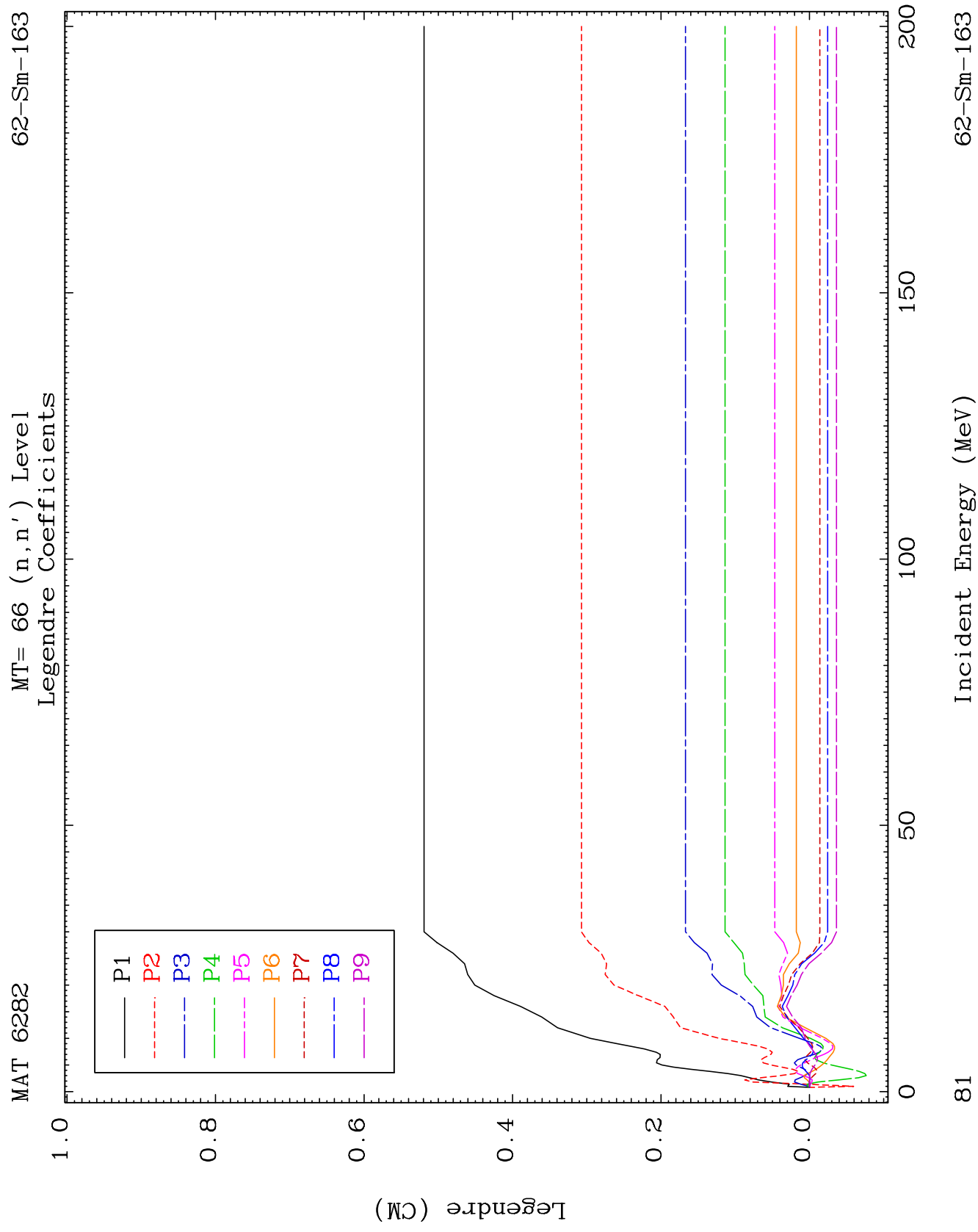
MT= 65 (n, n') Level
Legendre Coefficients

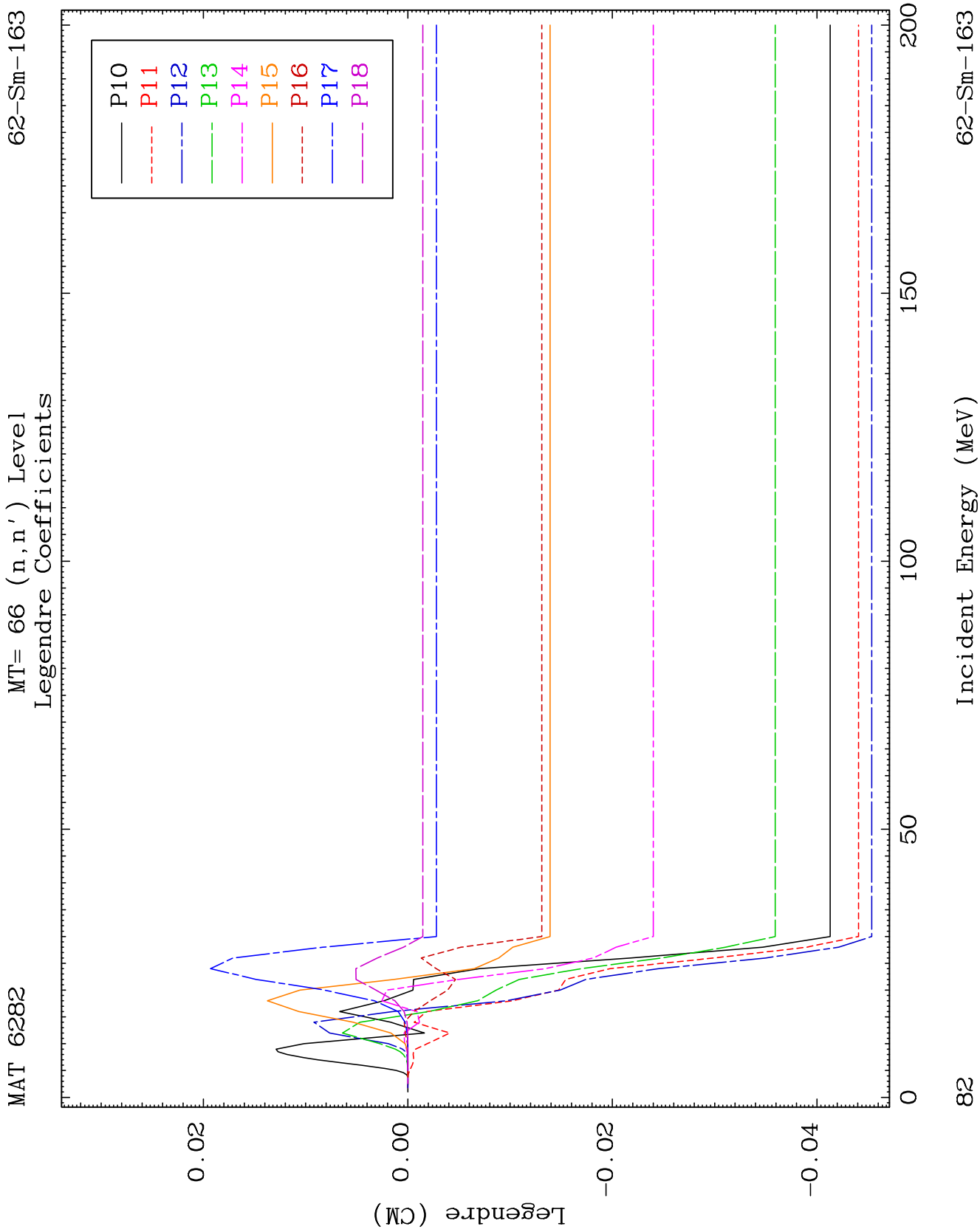
62-Sm-163

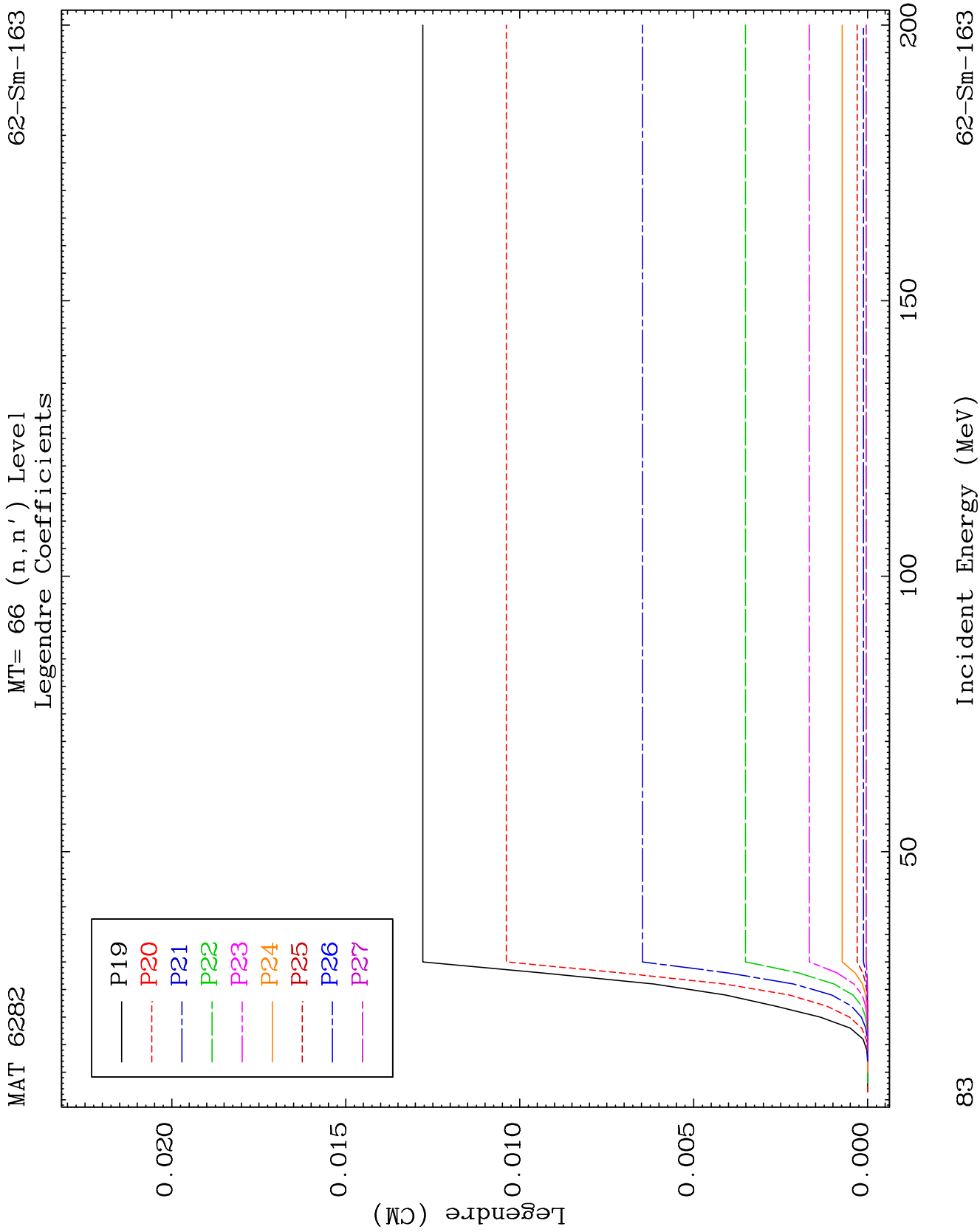








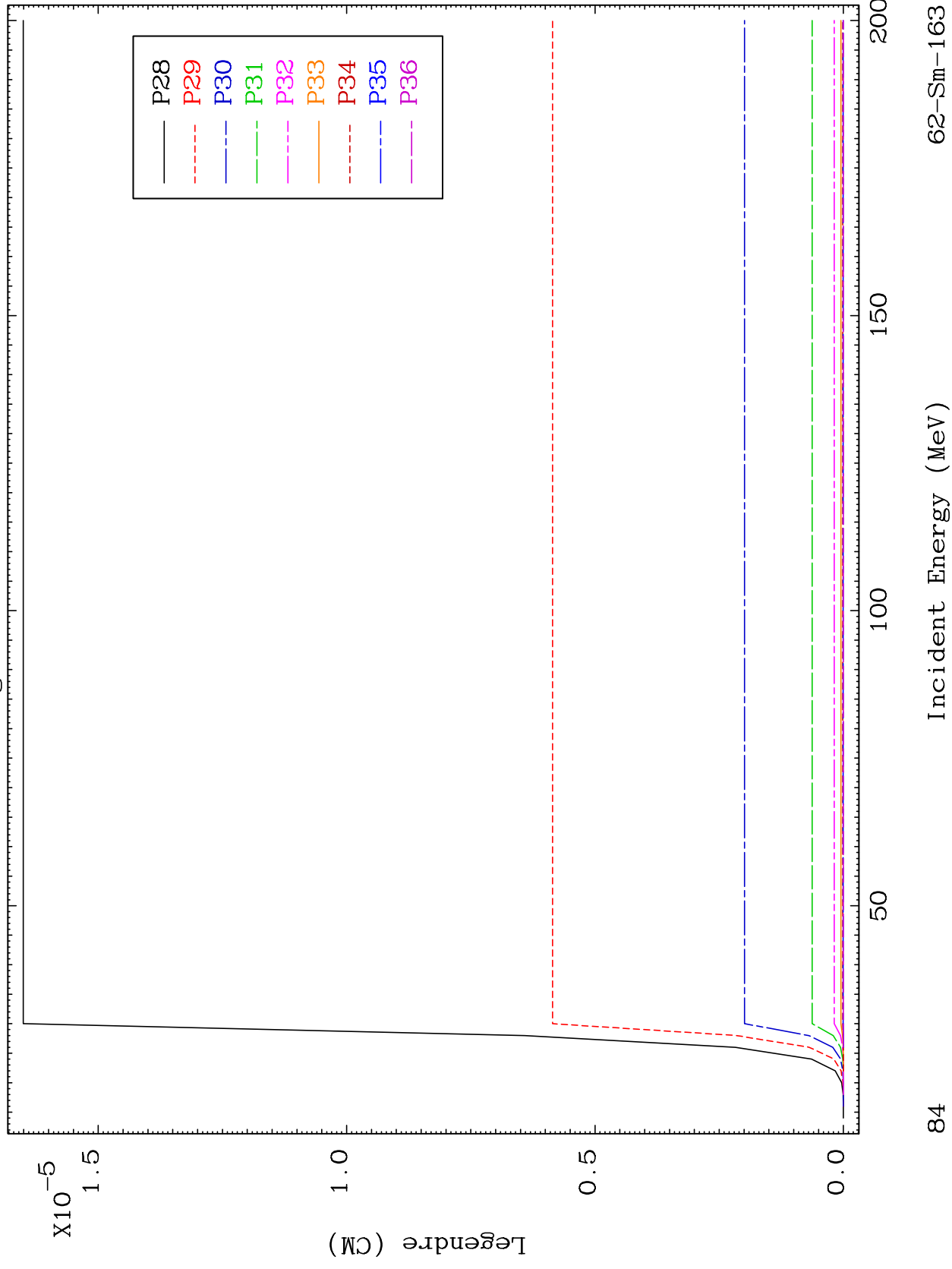


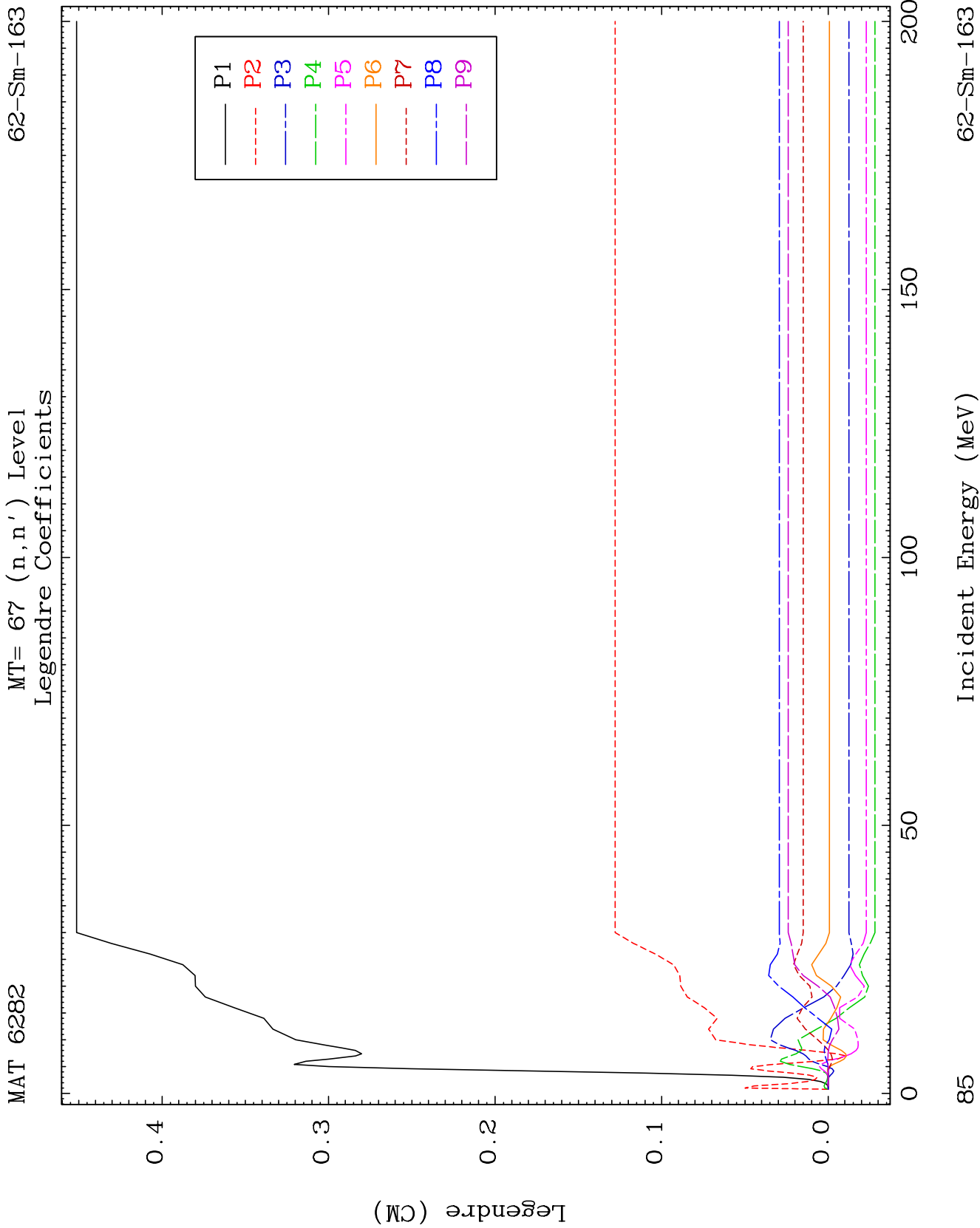


MAT 6282

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

62-Sm-163

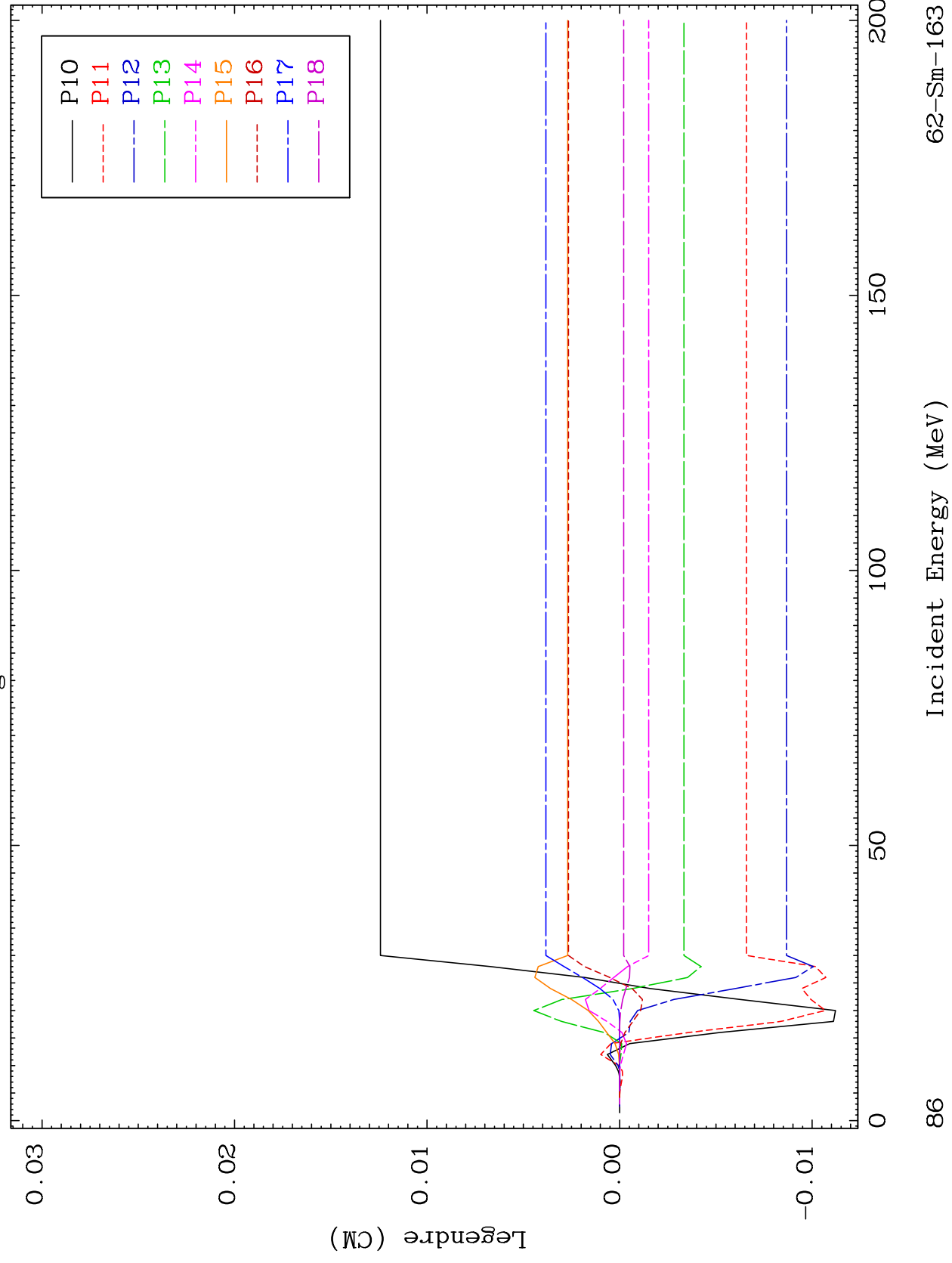


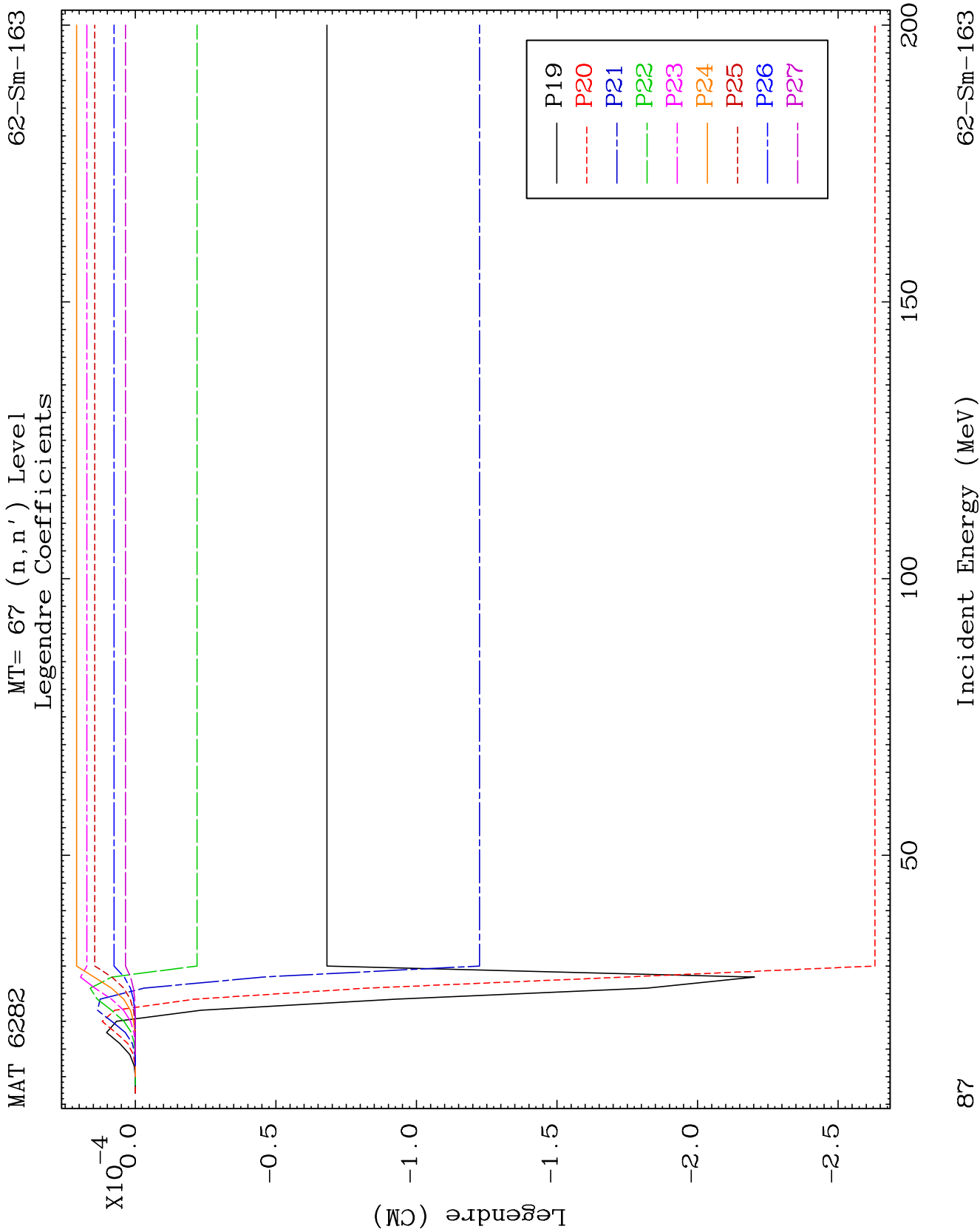


MAT 6282

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

62-Sm-163

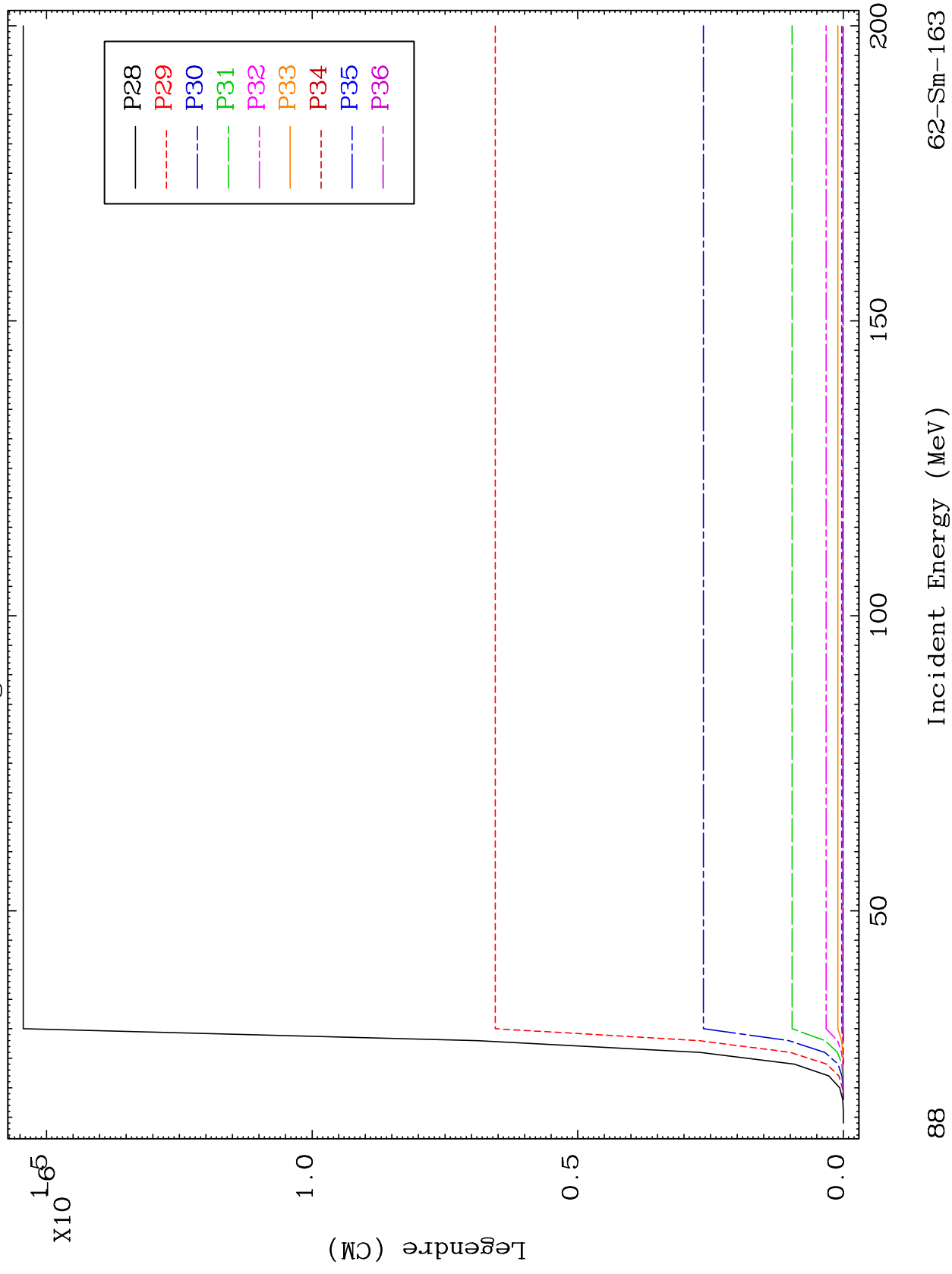


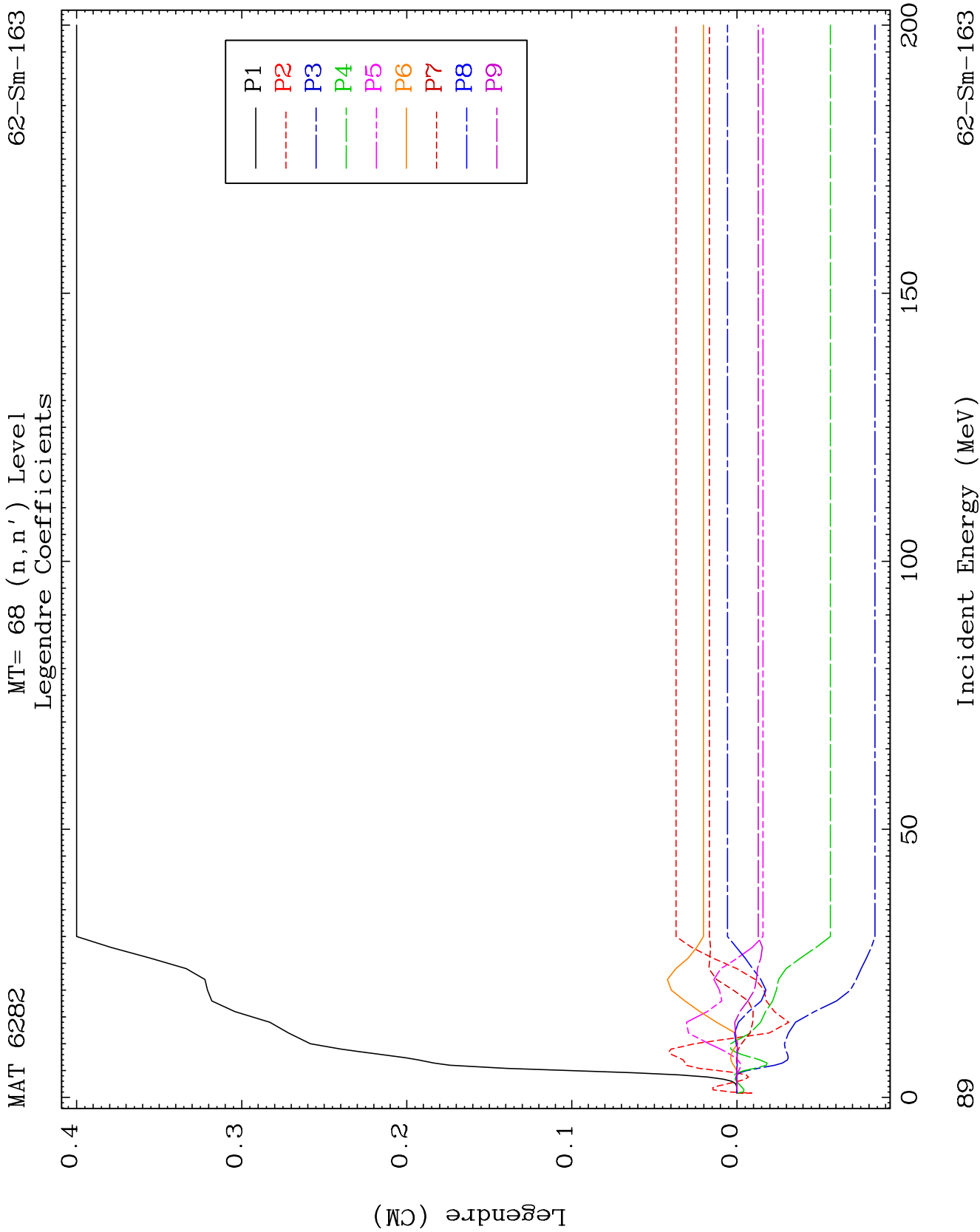


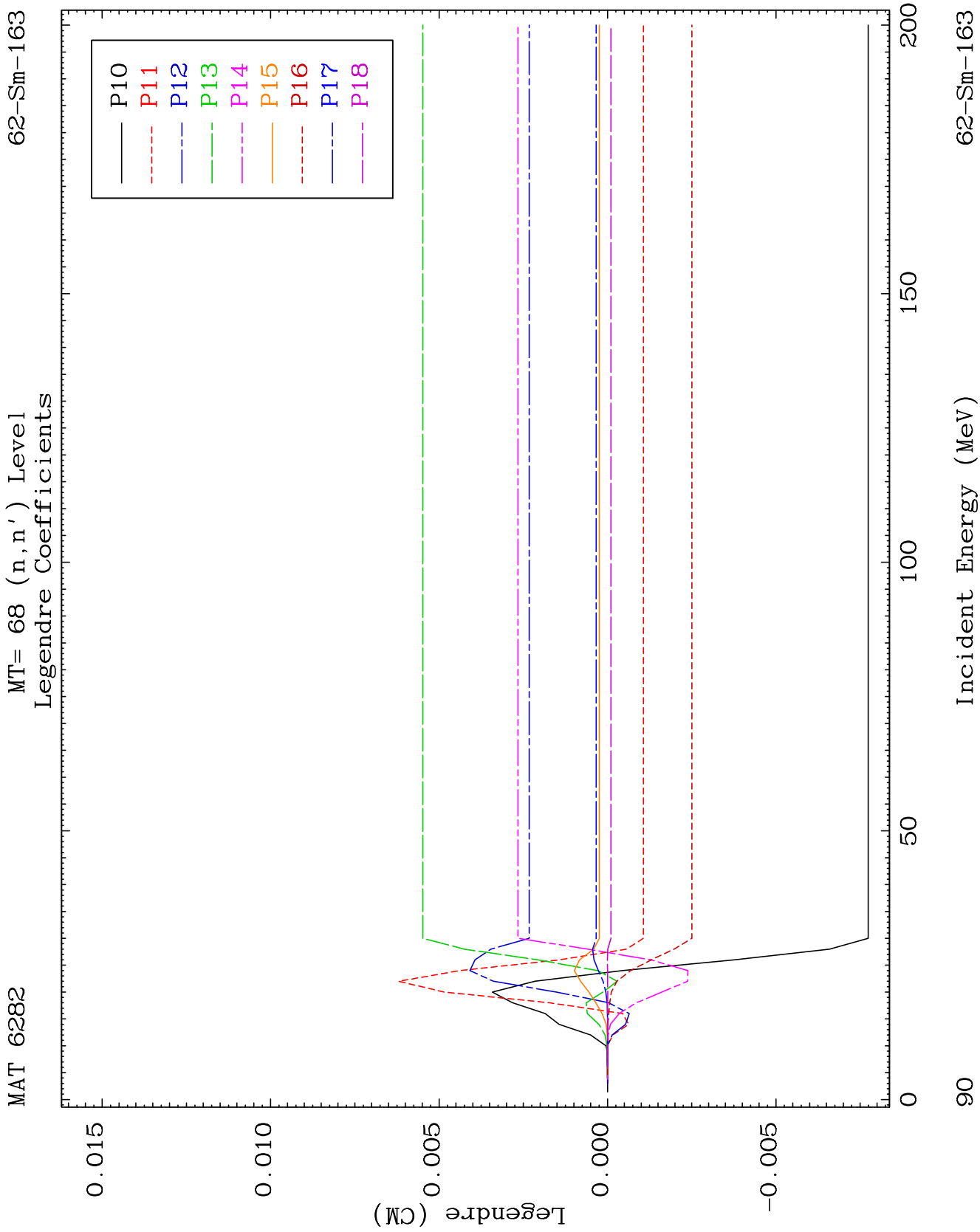
MAT 6282

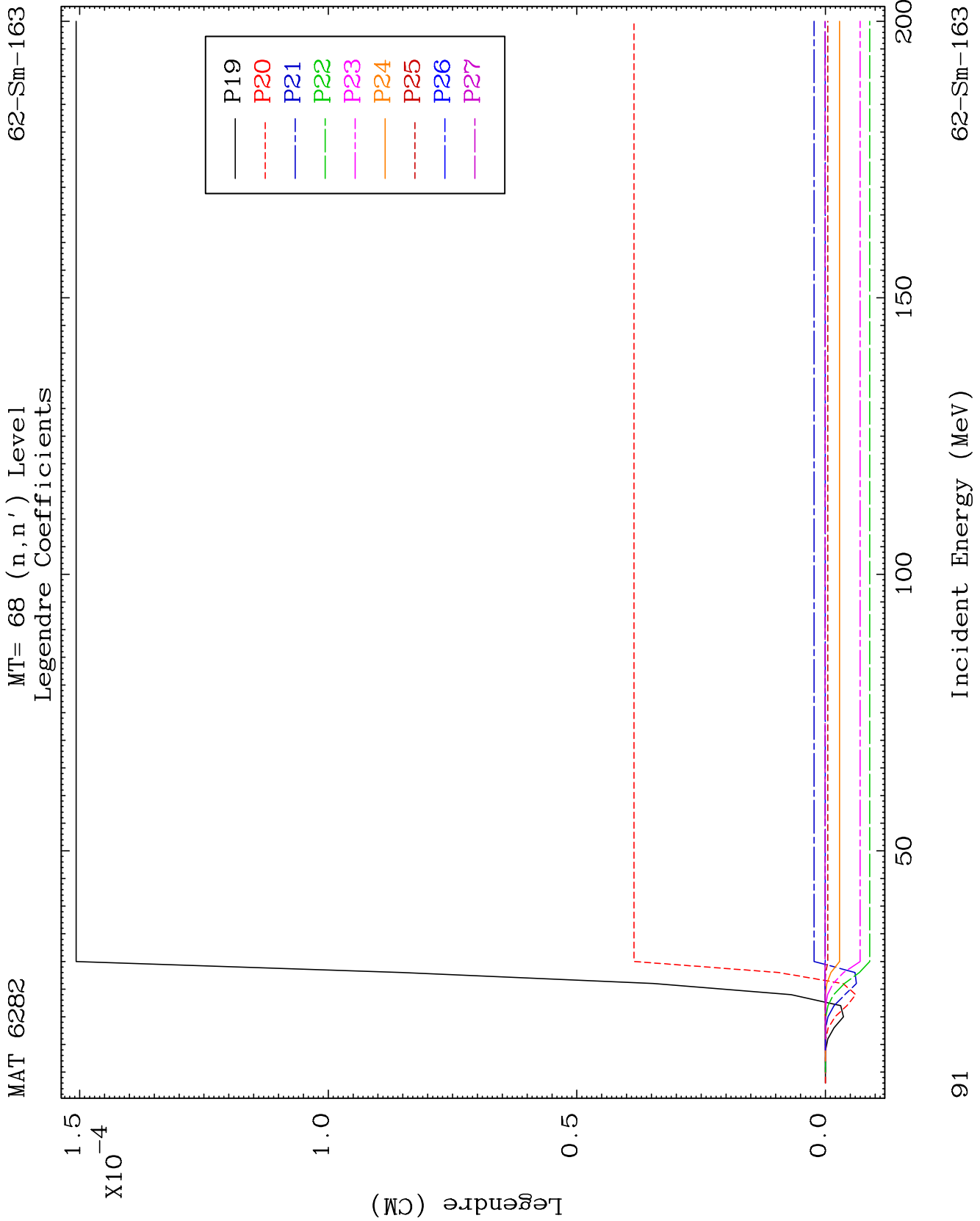
MT= 67 (n, n') Level
Legendre Coefficients

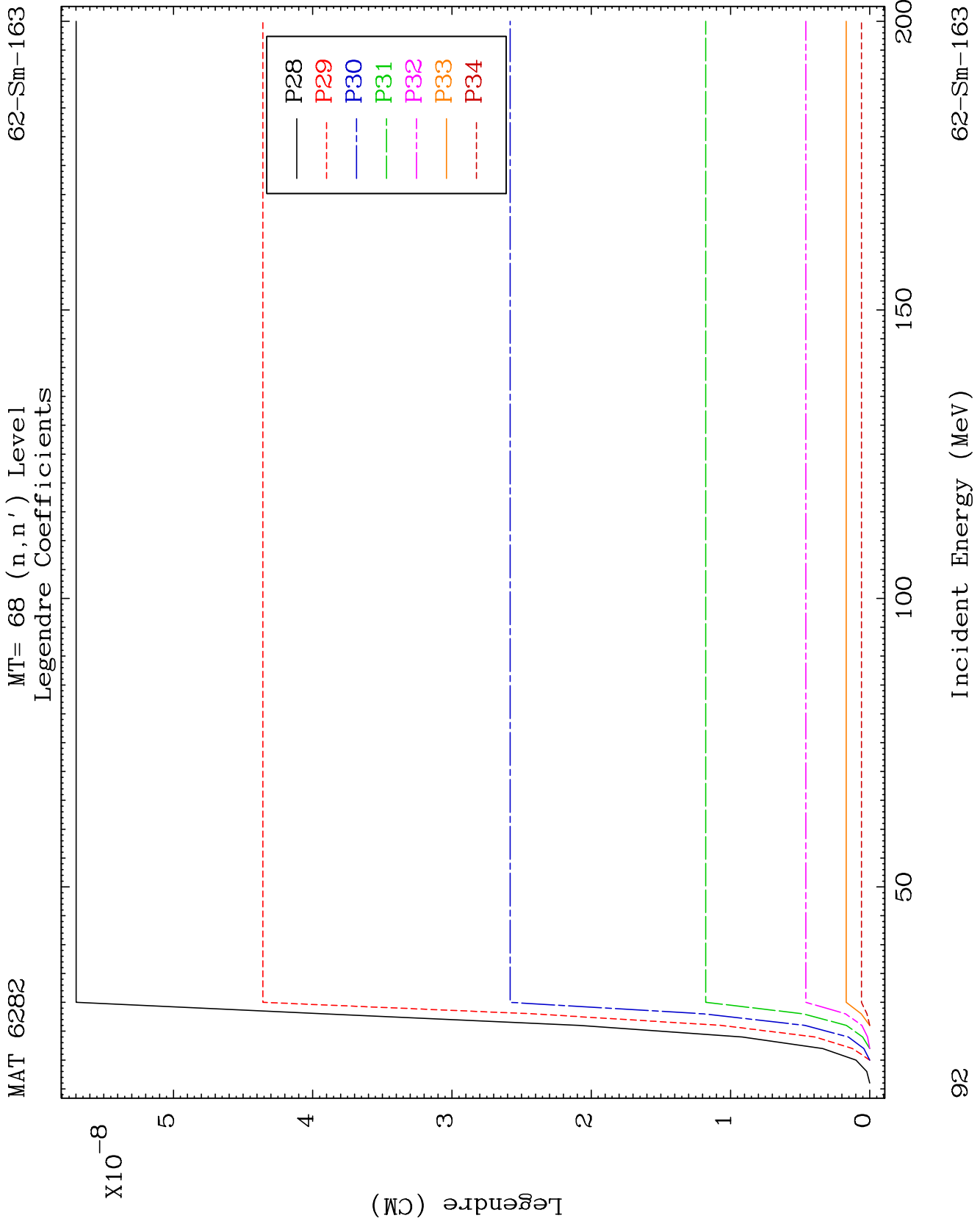
62-Sm-163







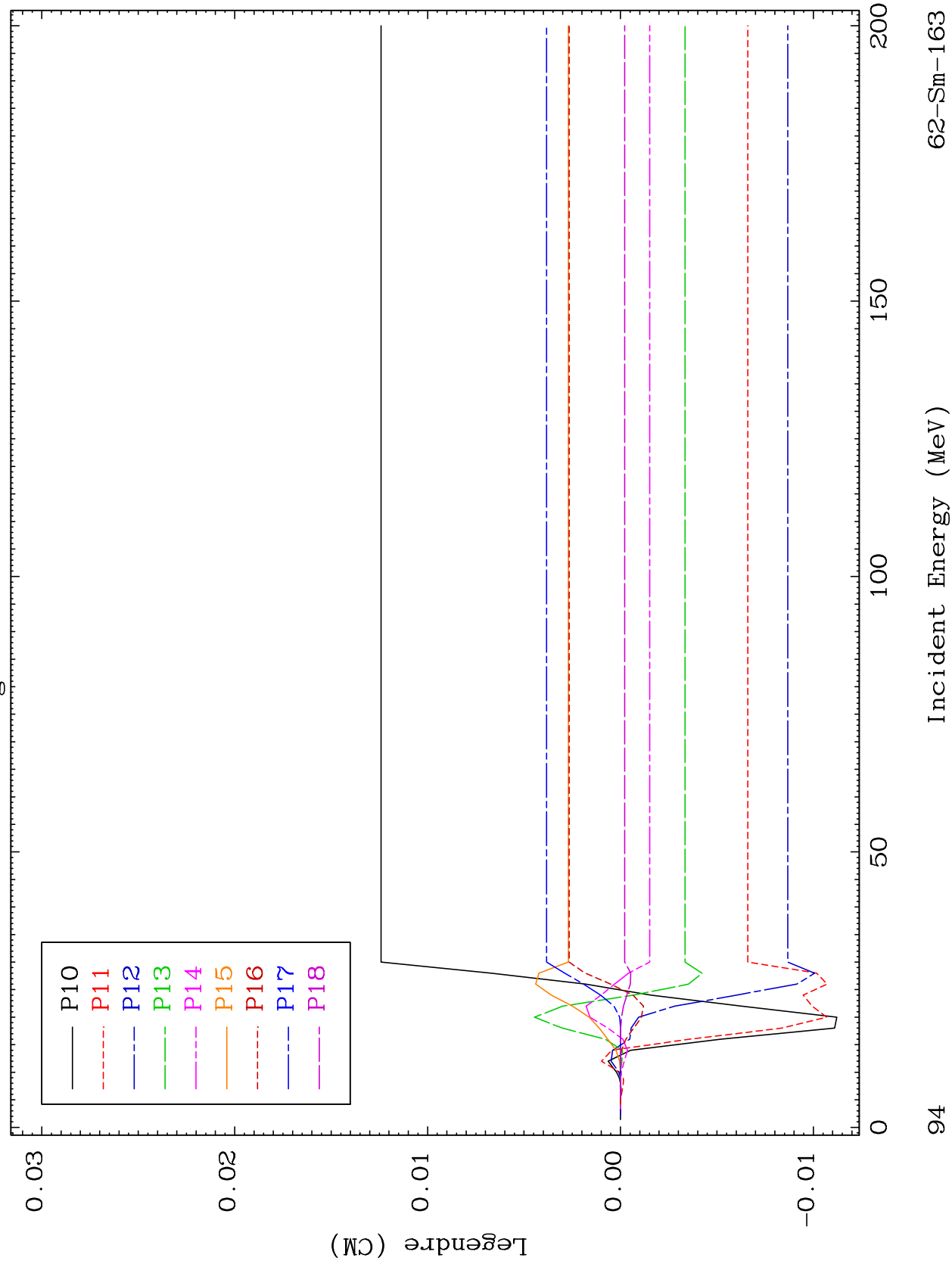


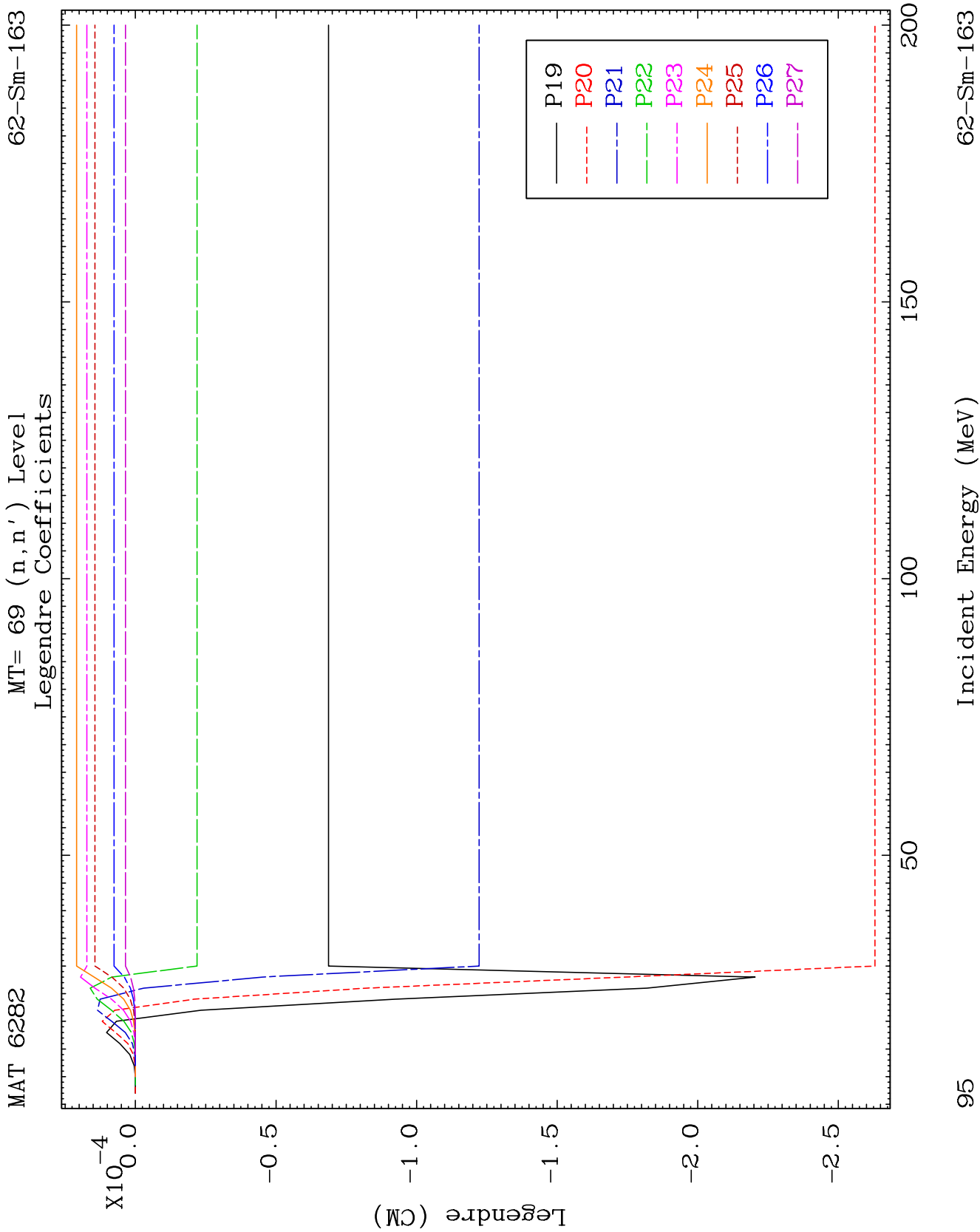


MAT 6282

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

62-Sm-163

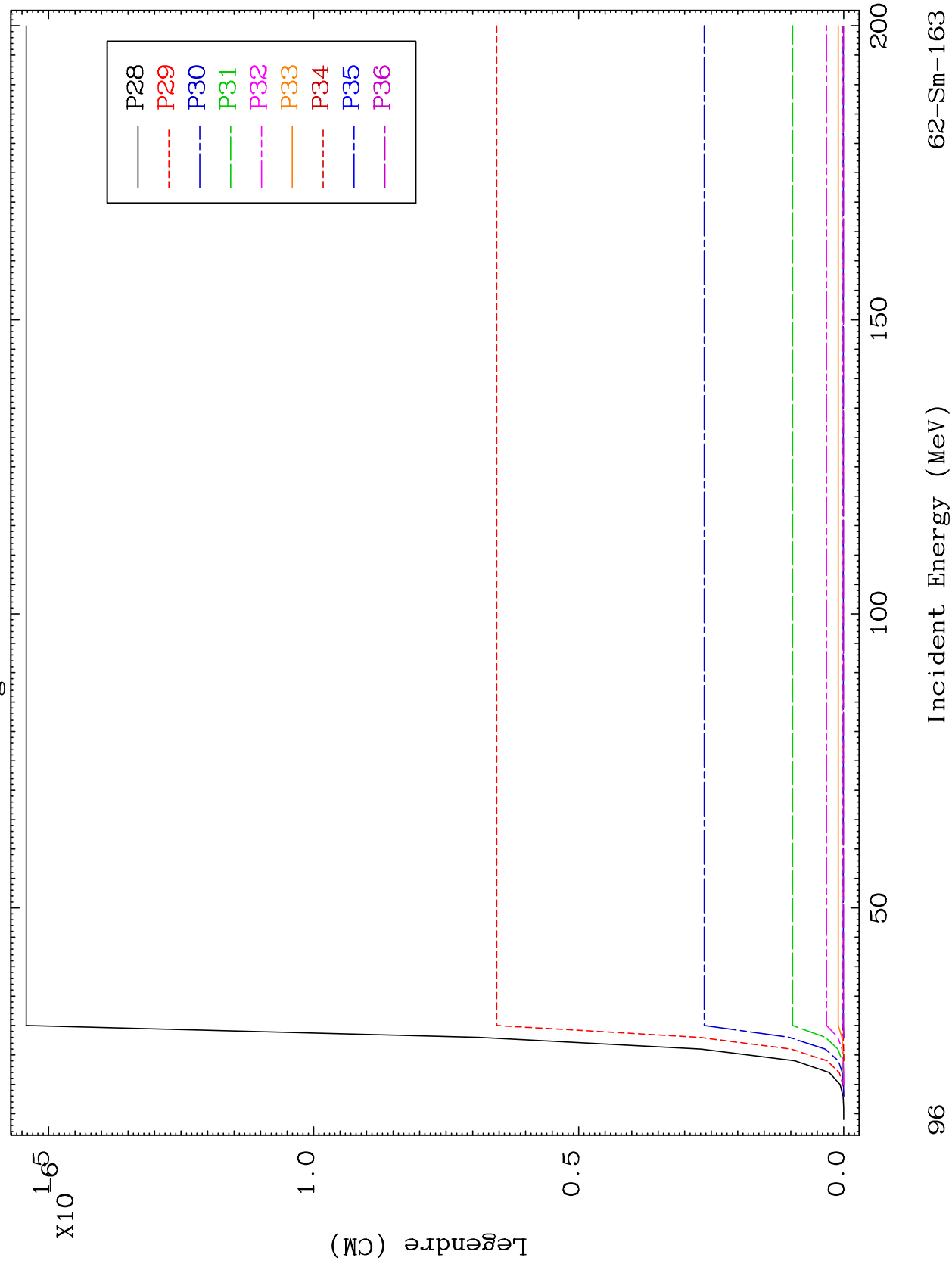




MAT 6282

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

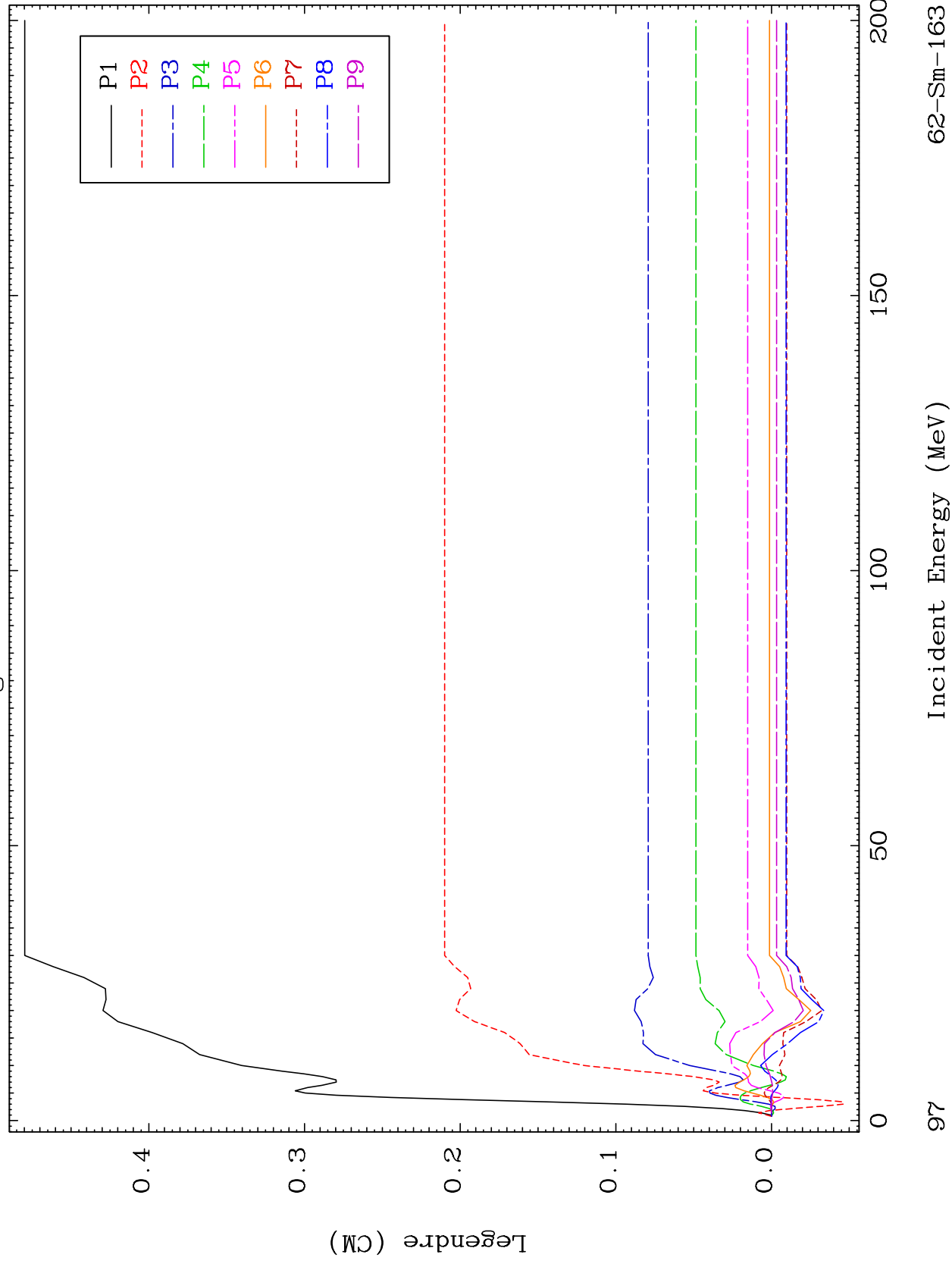
62-Sm-163



MAT 6282

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

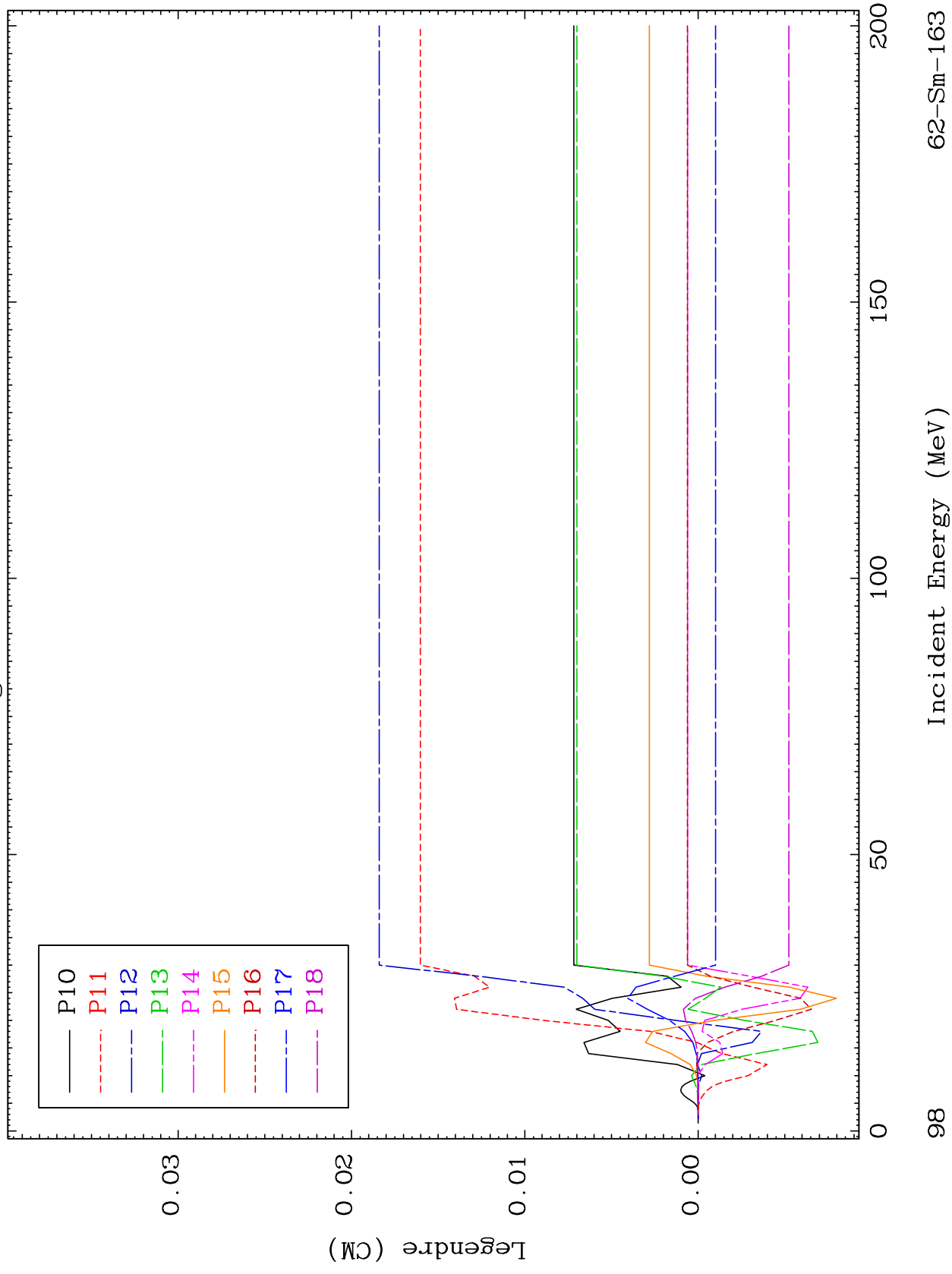
62-Sm-163

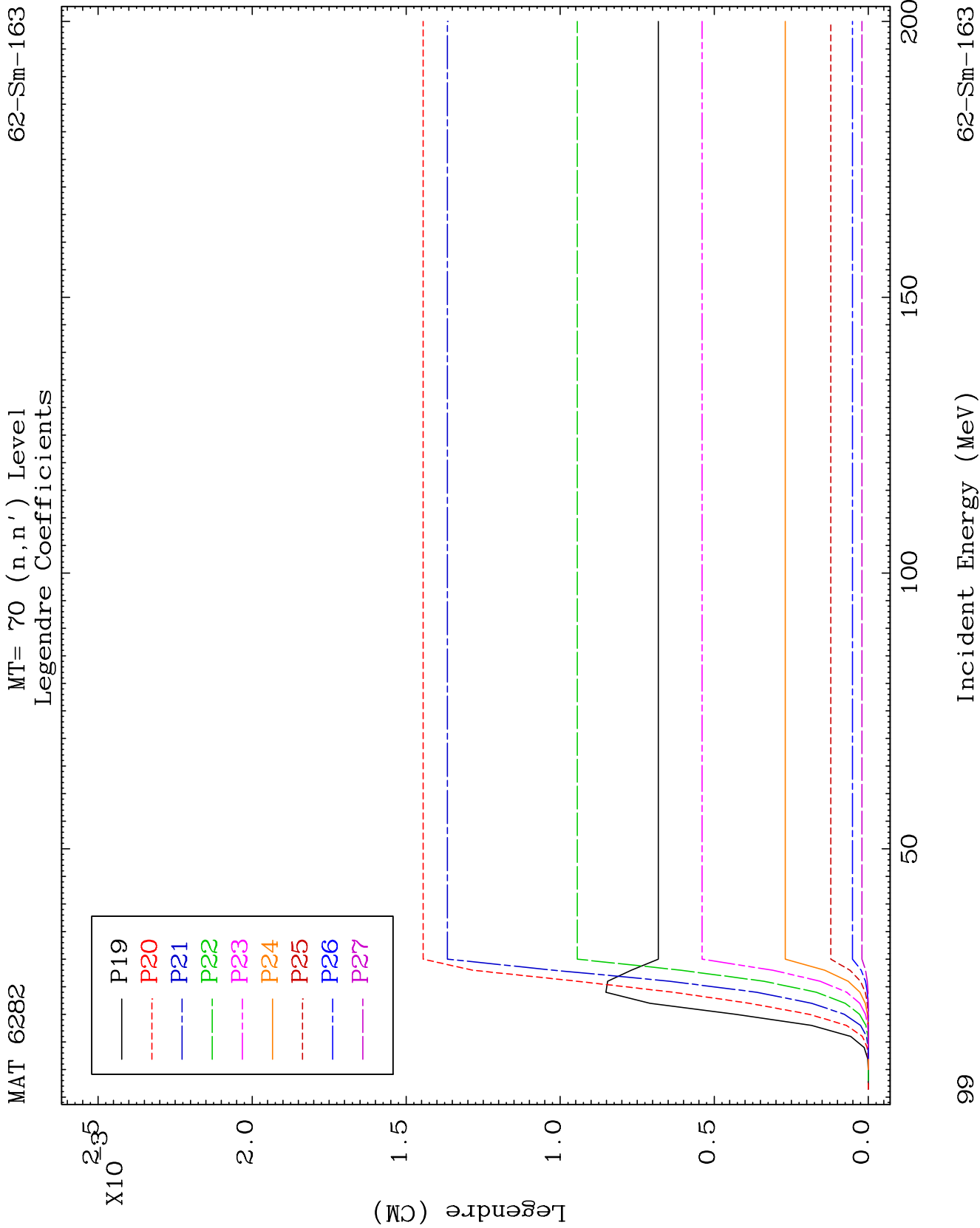


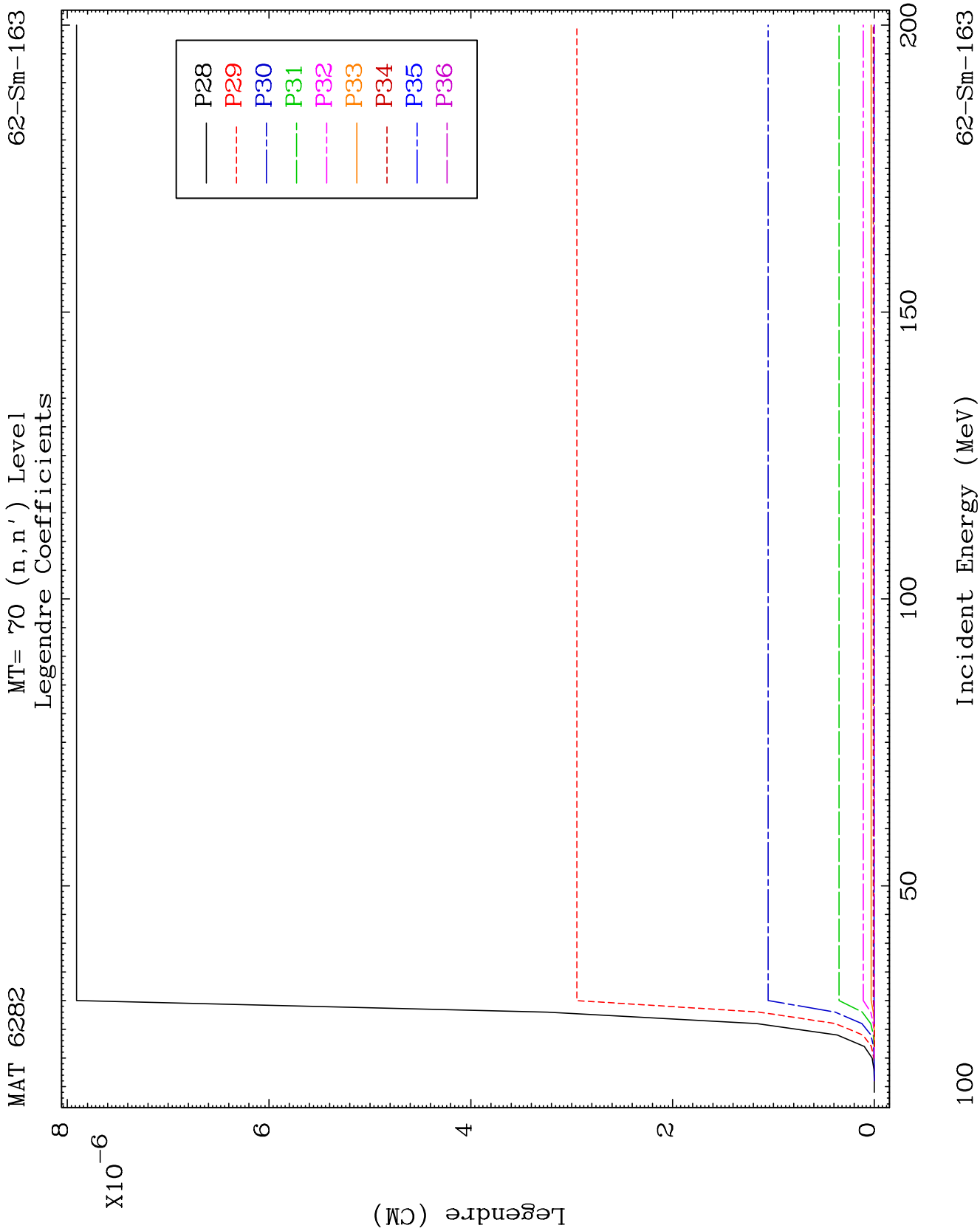
MAT 6282

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

62-Sm-163



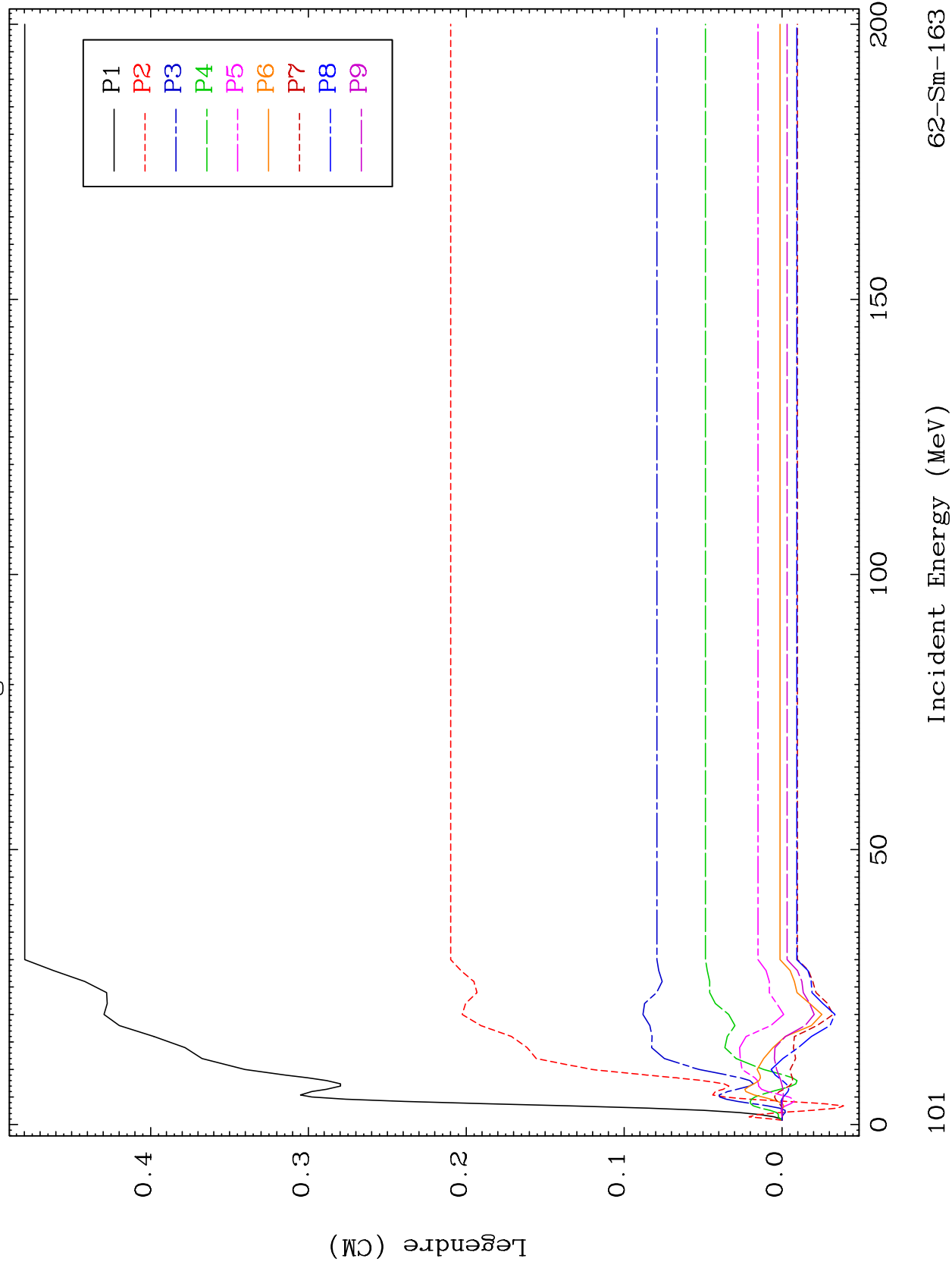




MAT 6282

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

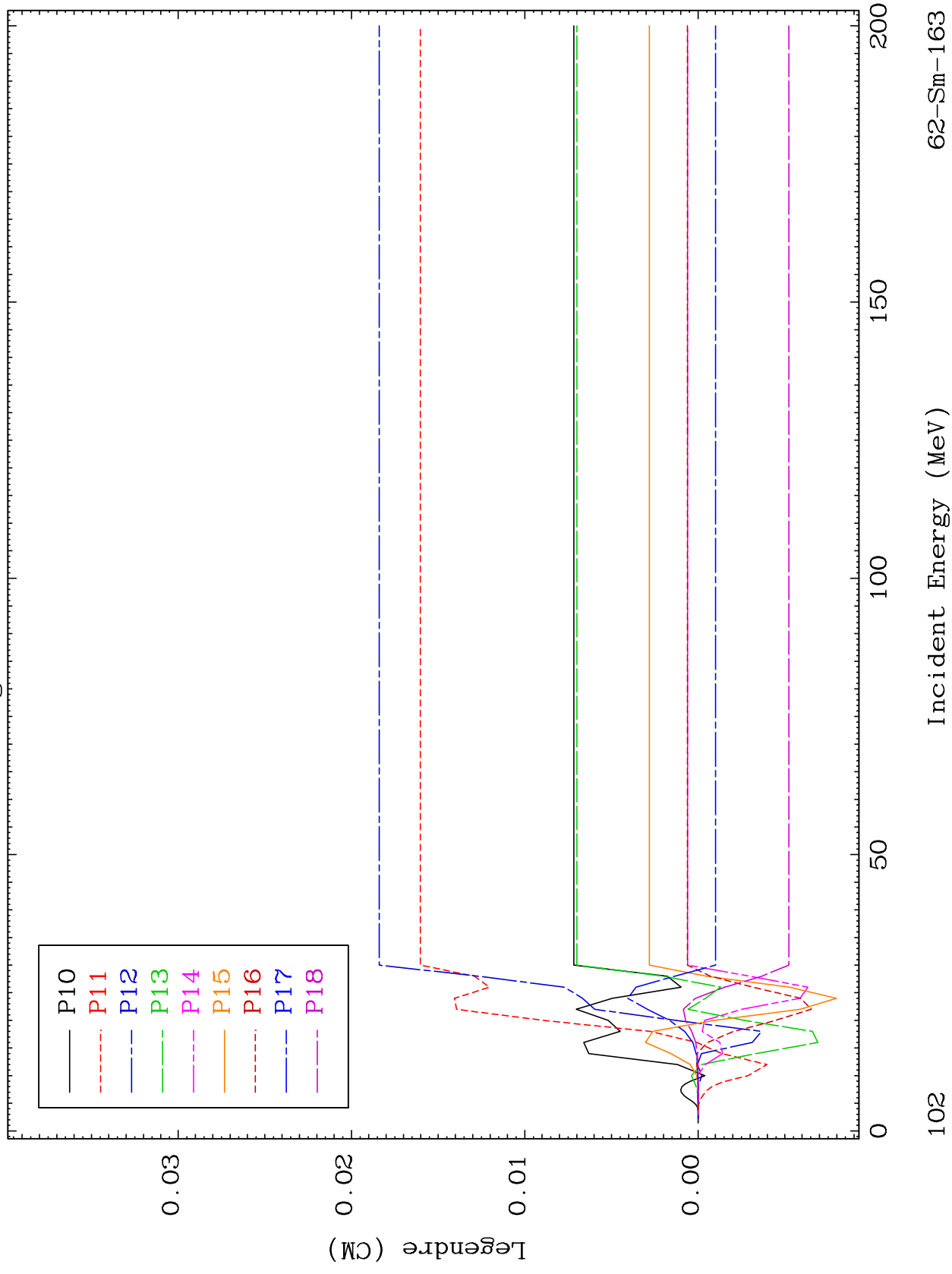
62-Sm-163



MAT 6282

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

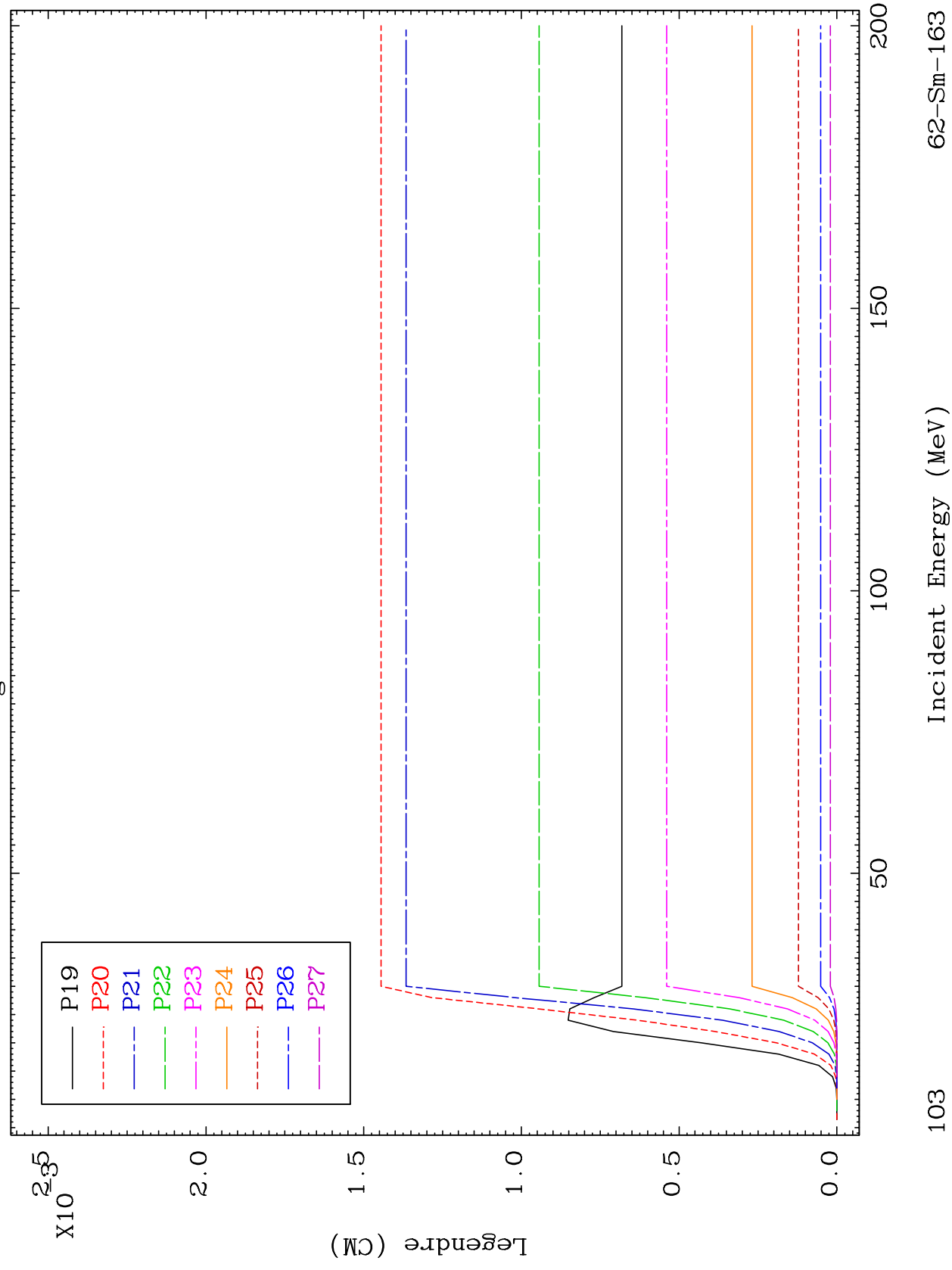
62-Sm-163

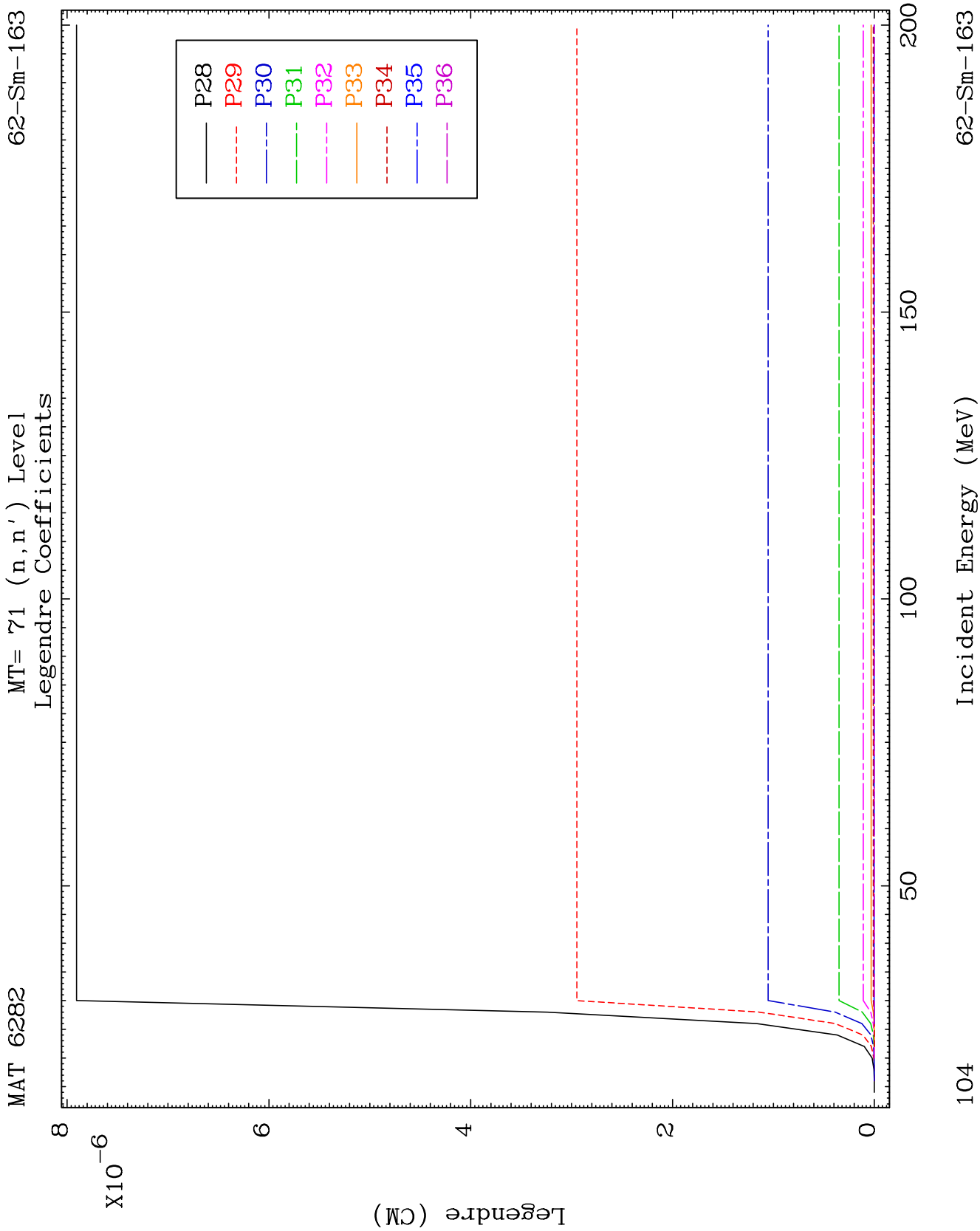


MAT 6282

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

62-Sm-163

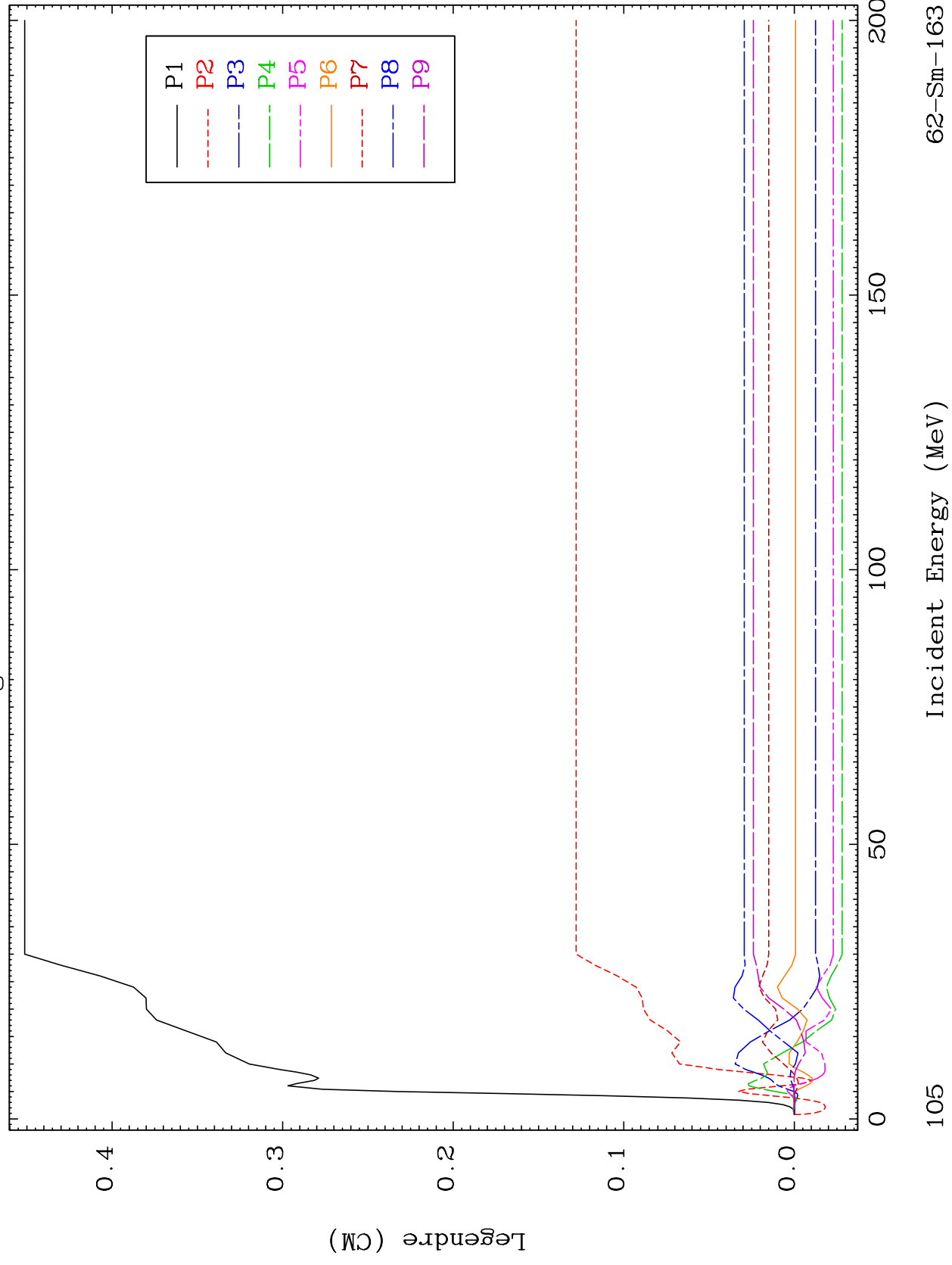


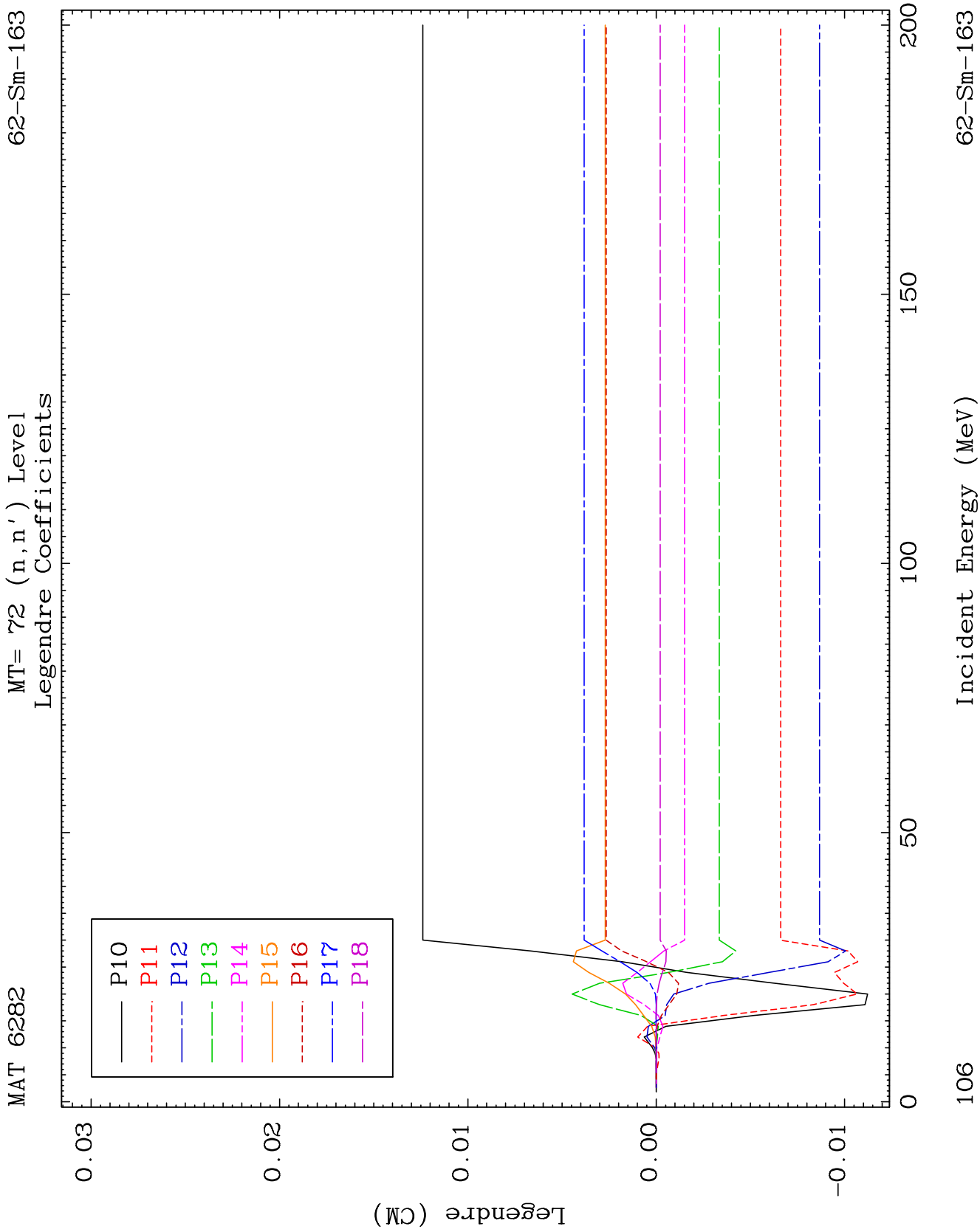


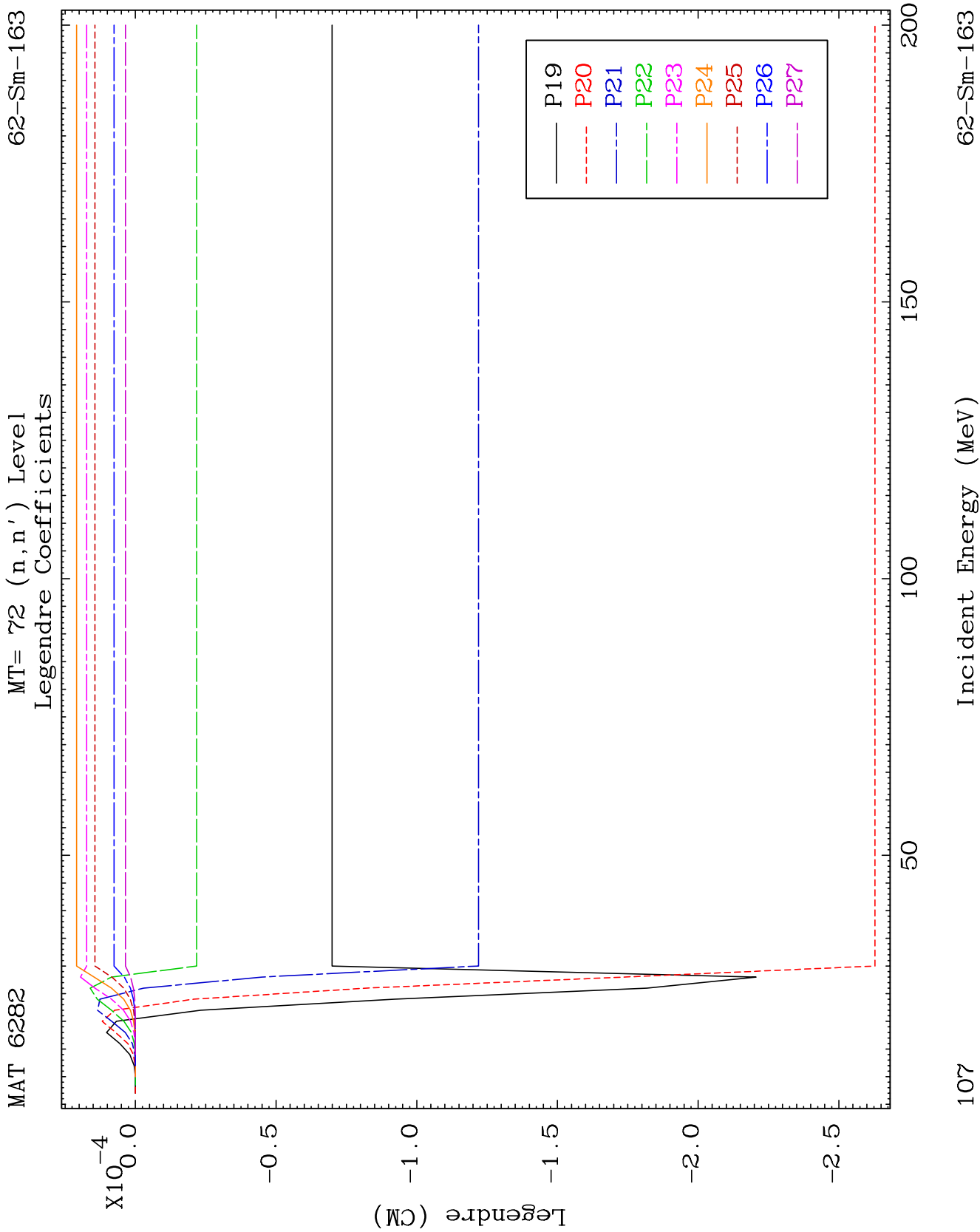
MAT 6282

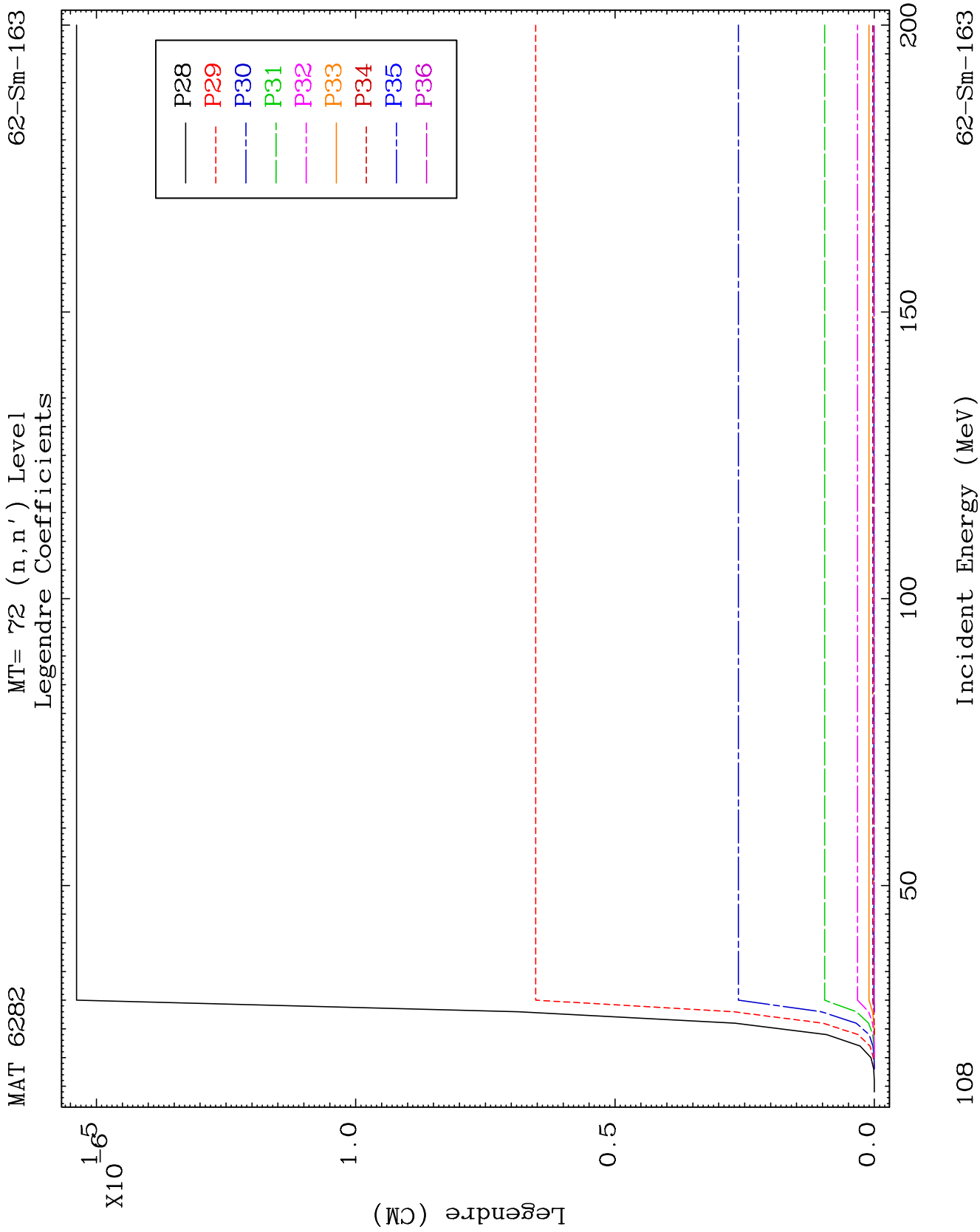
MT= 72 (n, n') Level
Legendre Coefficients

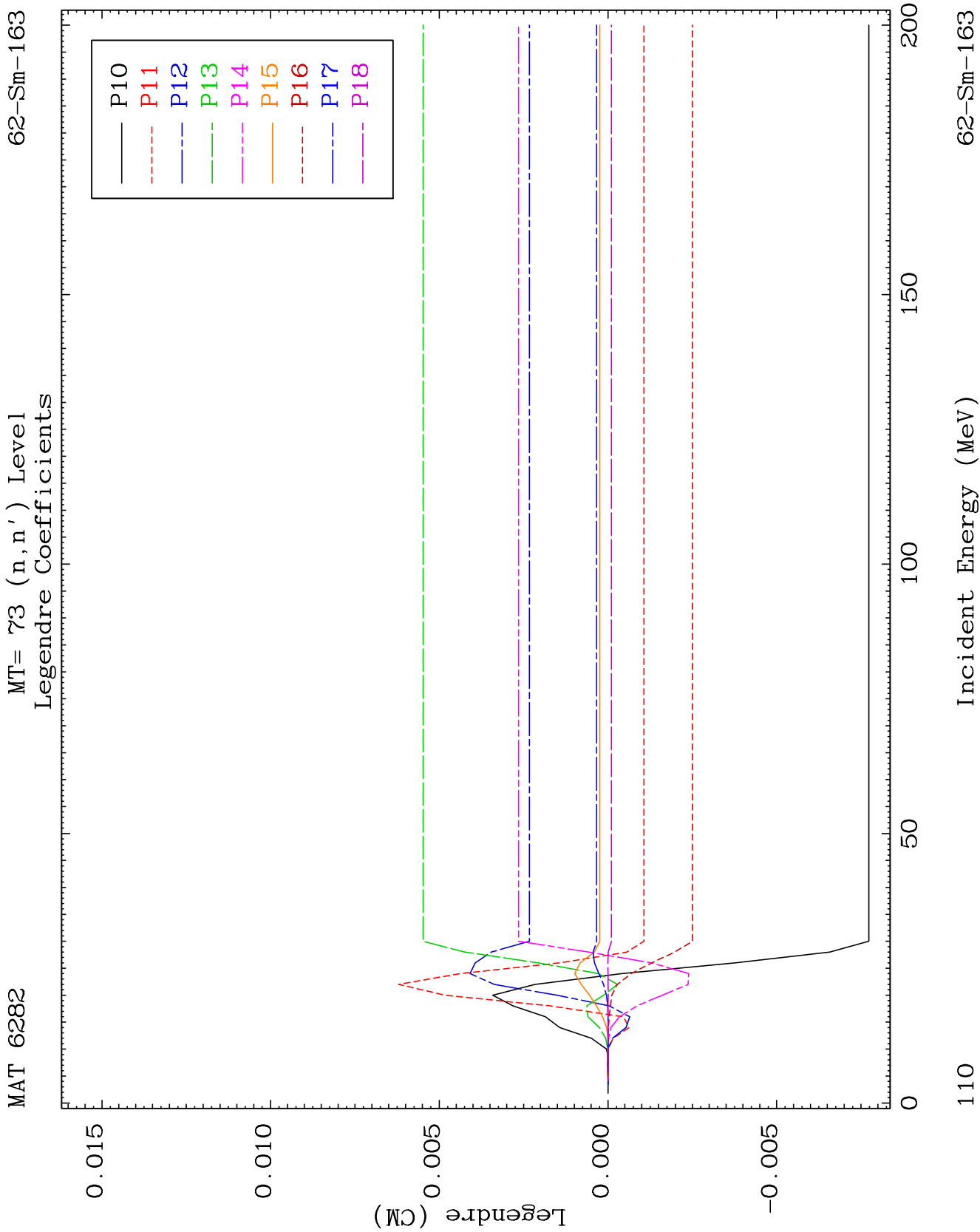
62-Sm-163

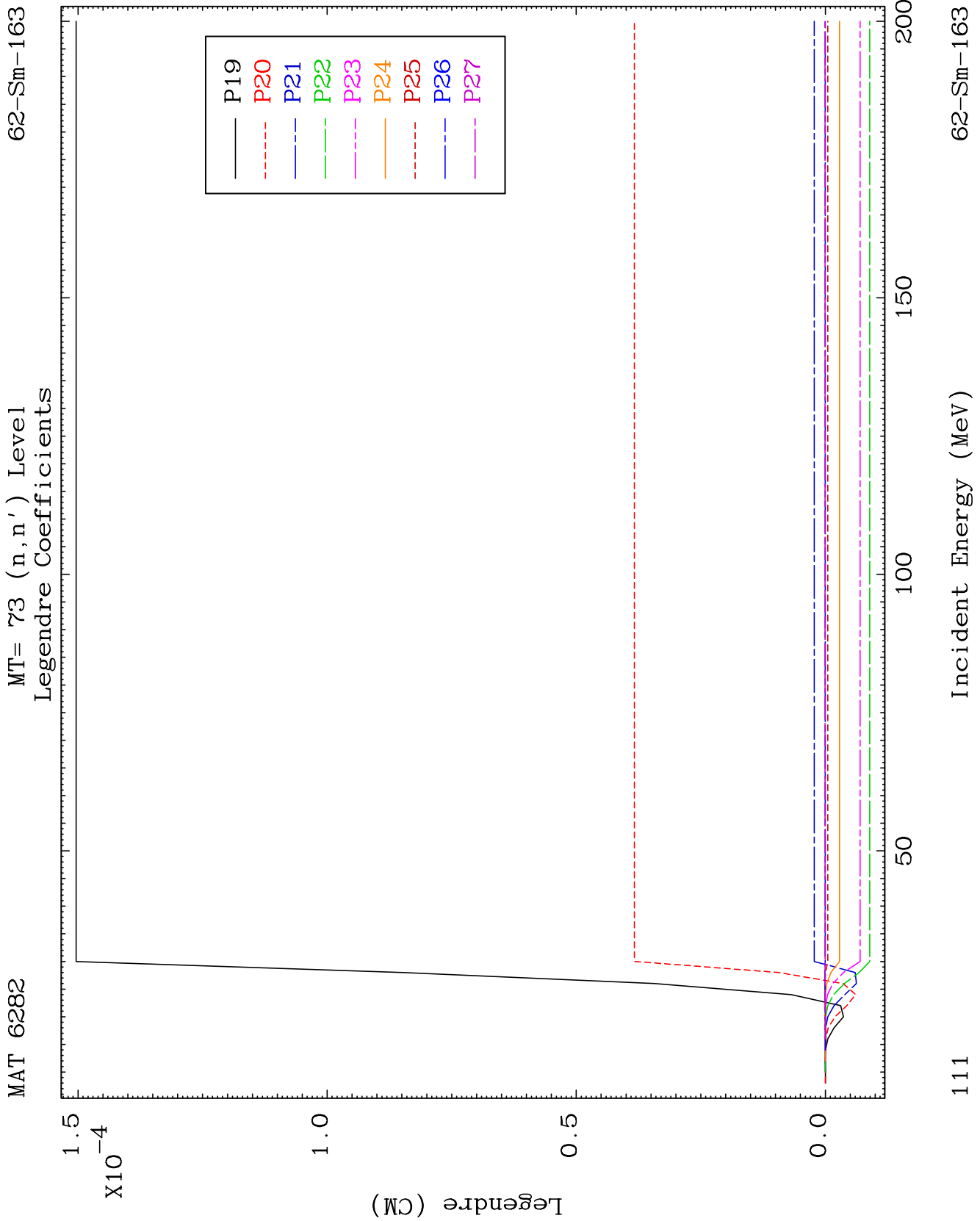


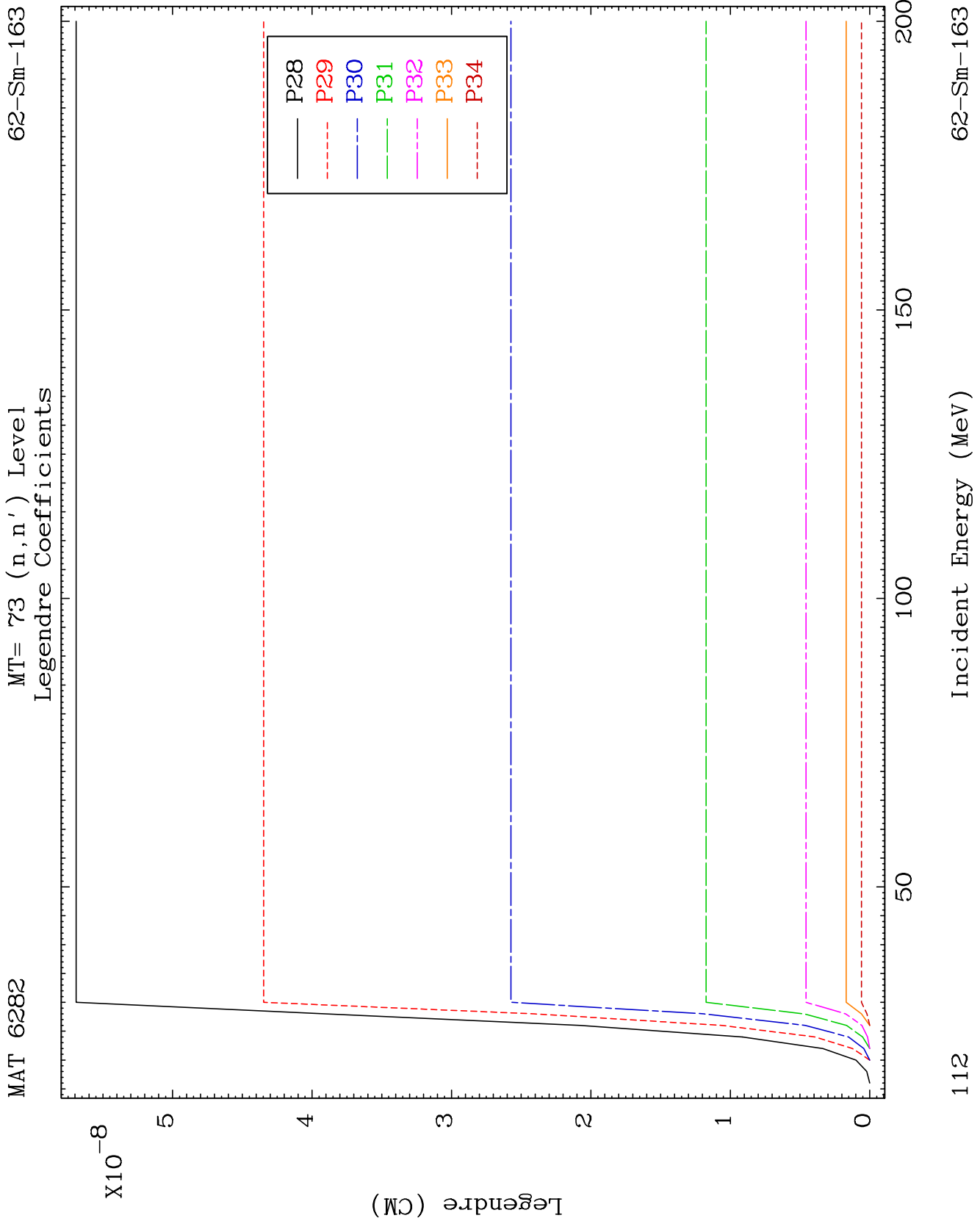








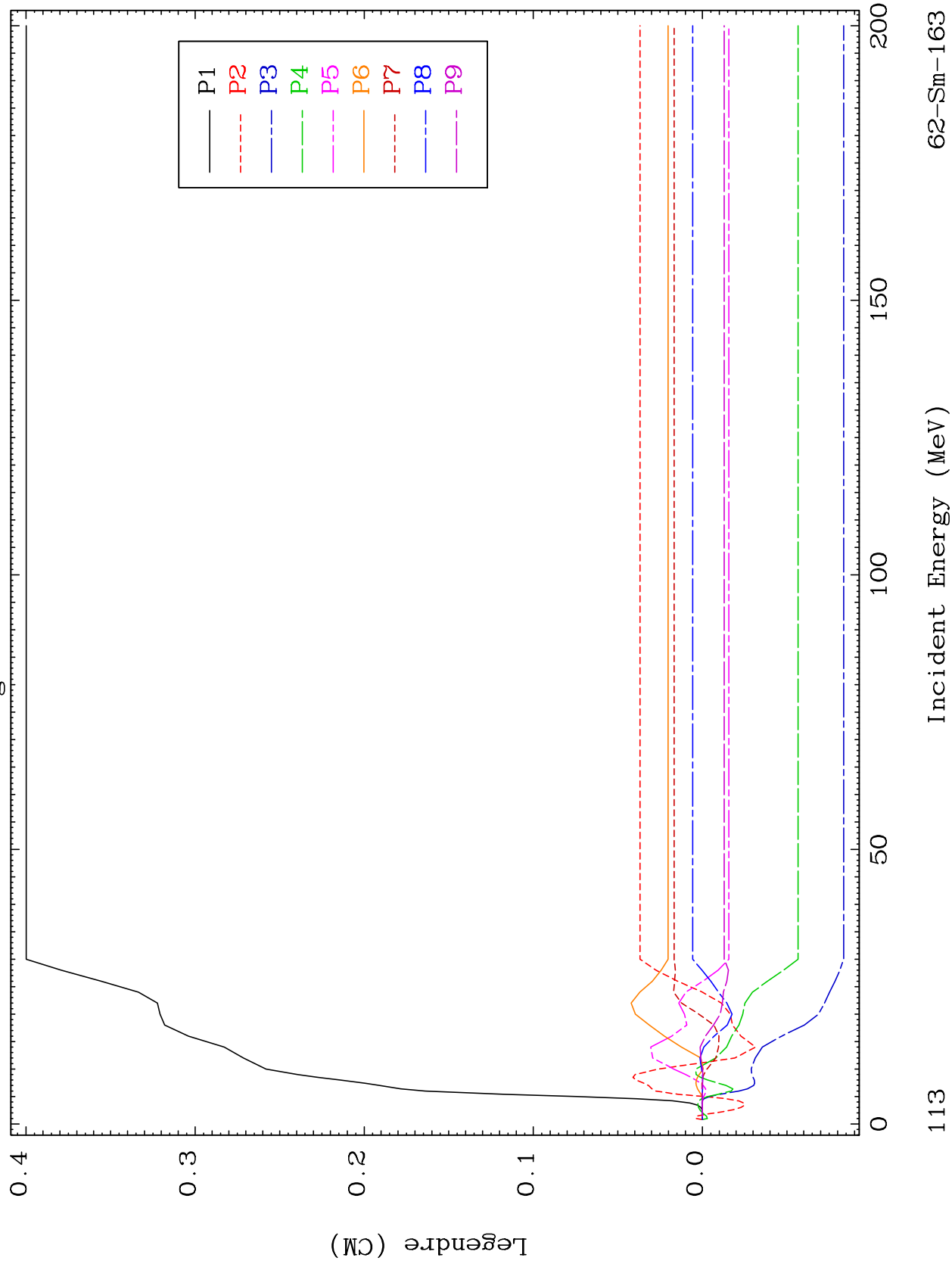




MAT 6282

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

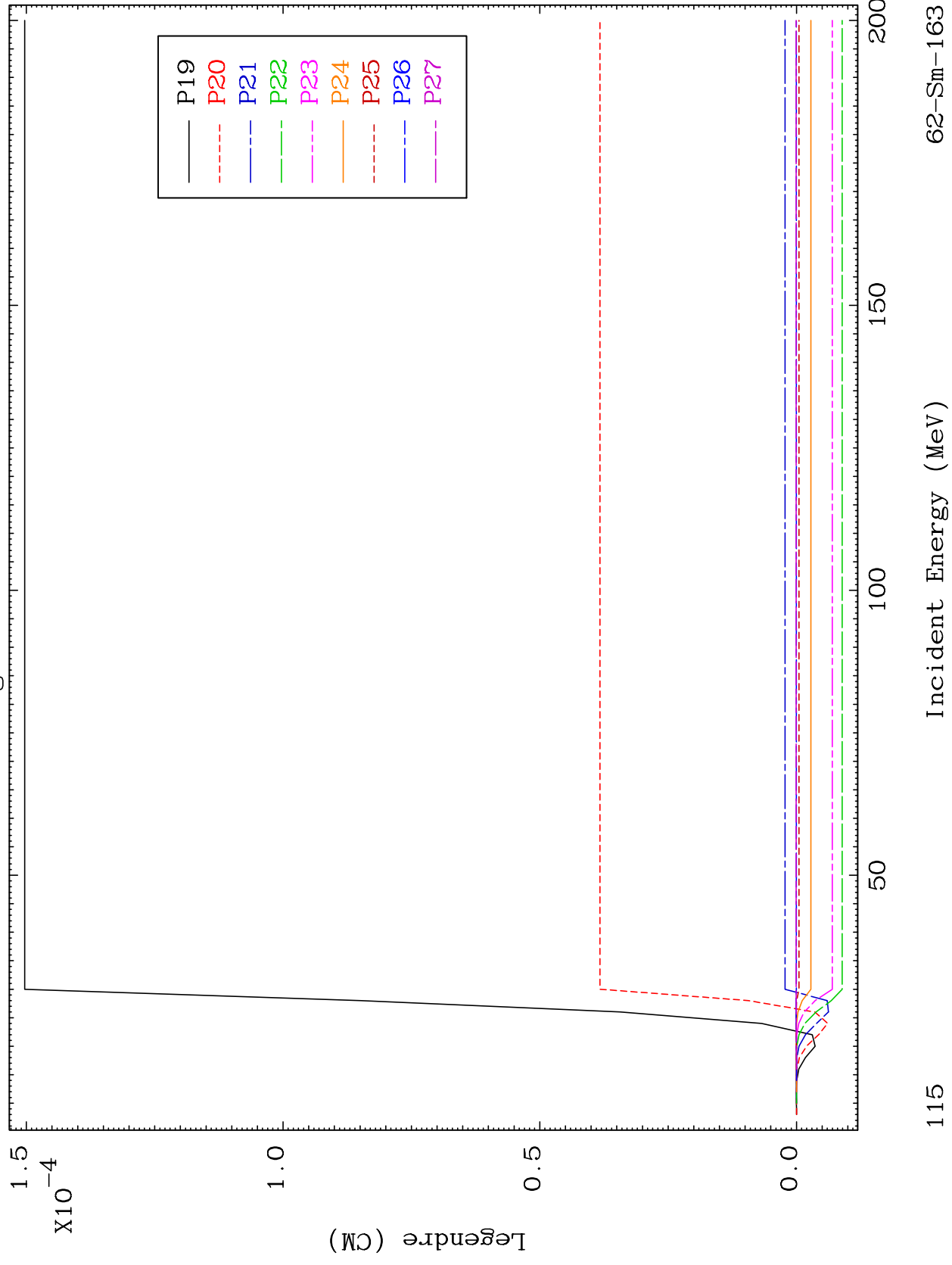
62-Sm-163



MAT 6282

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

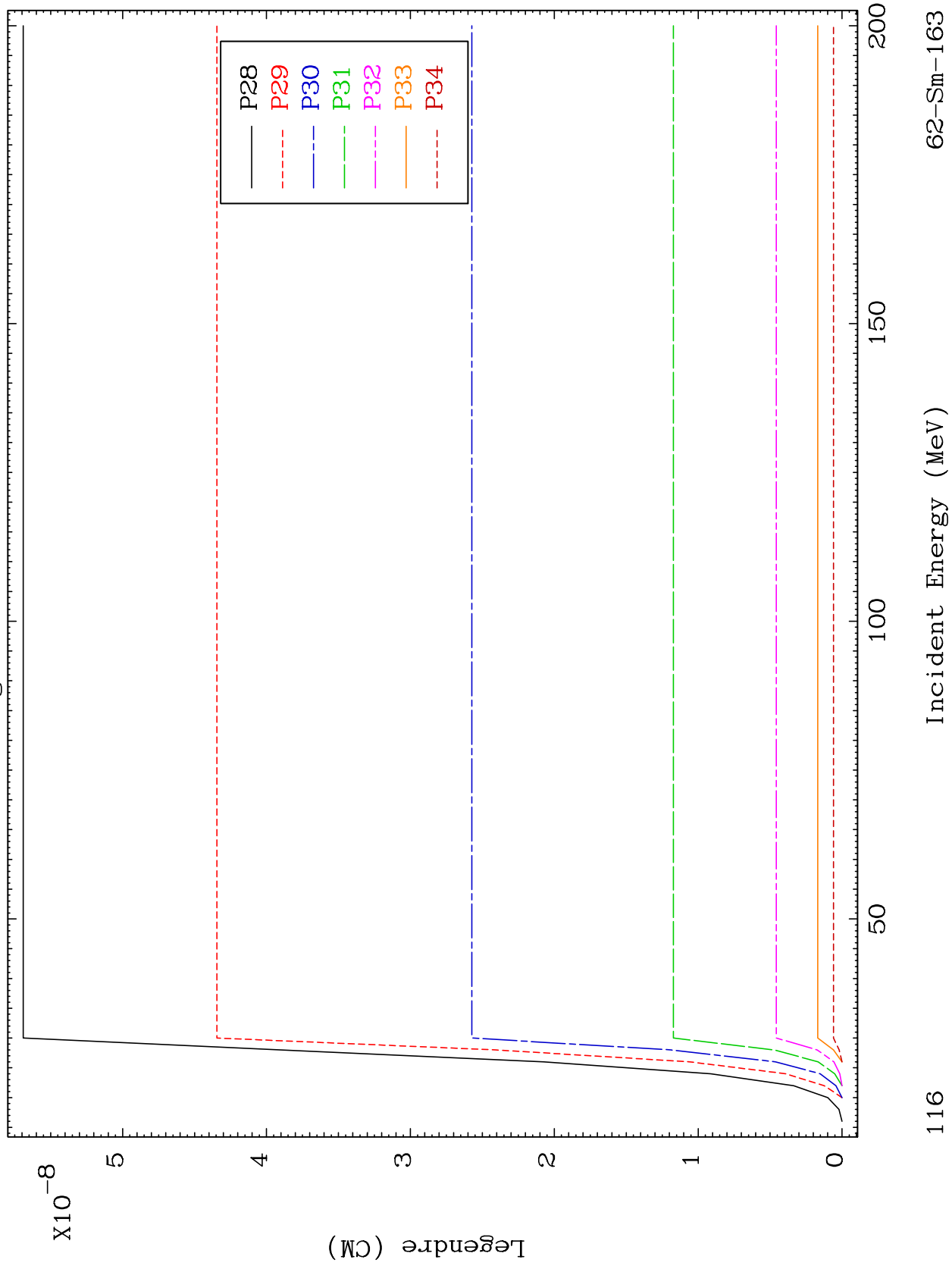
62-Sm-163

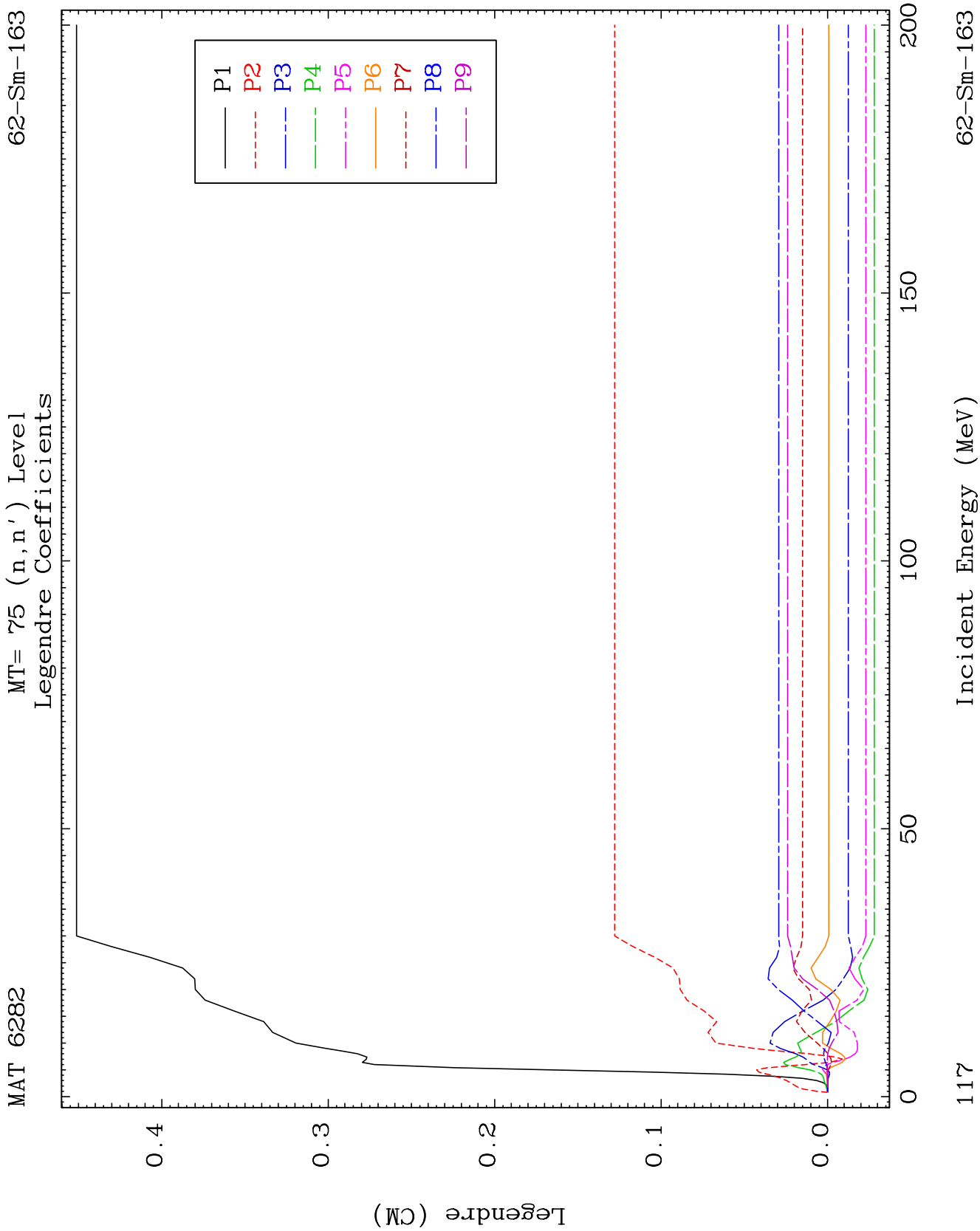


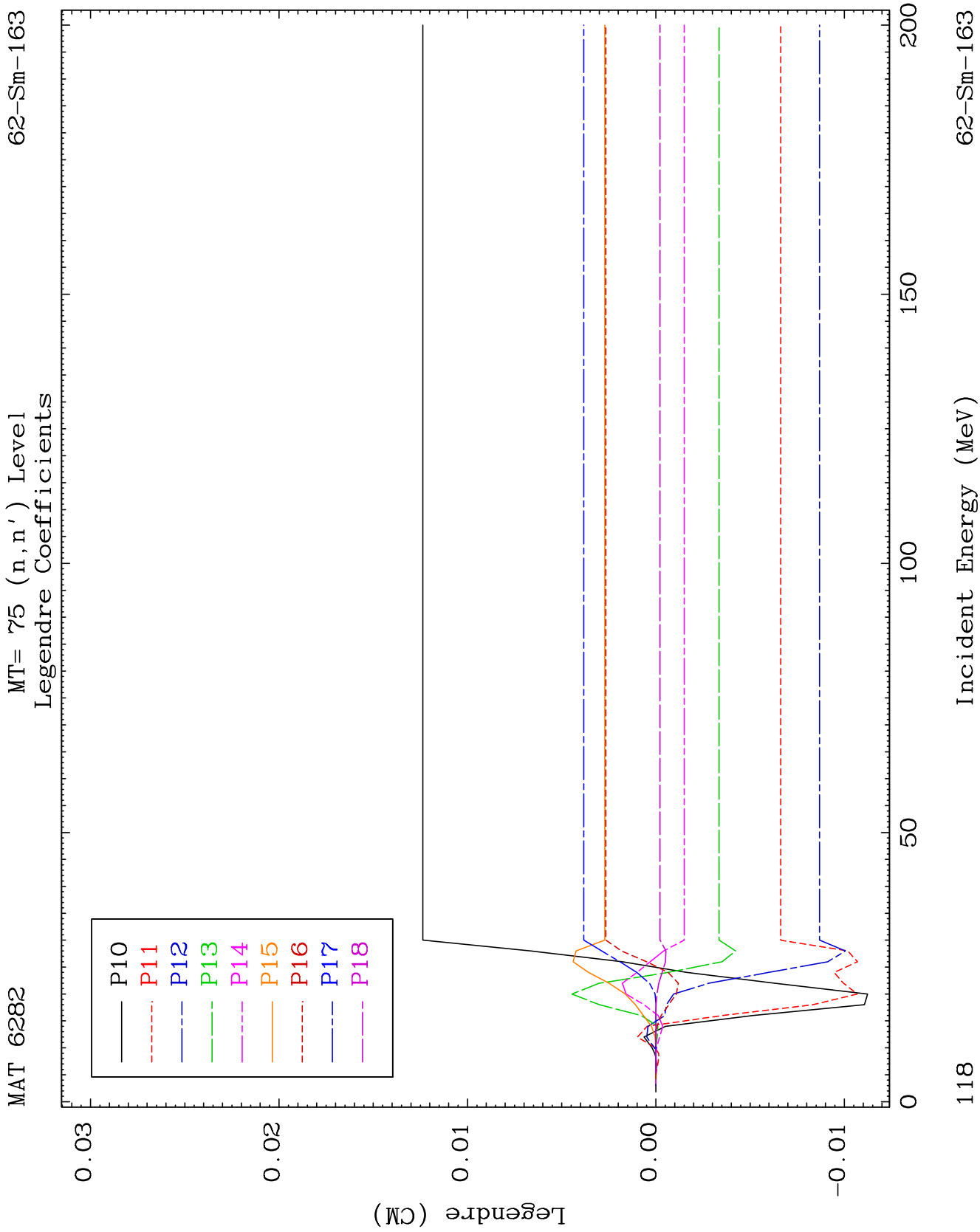
MAT 6282

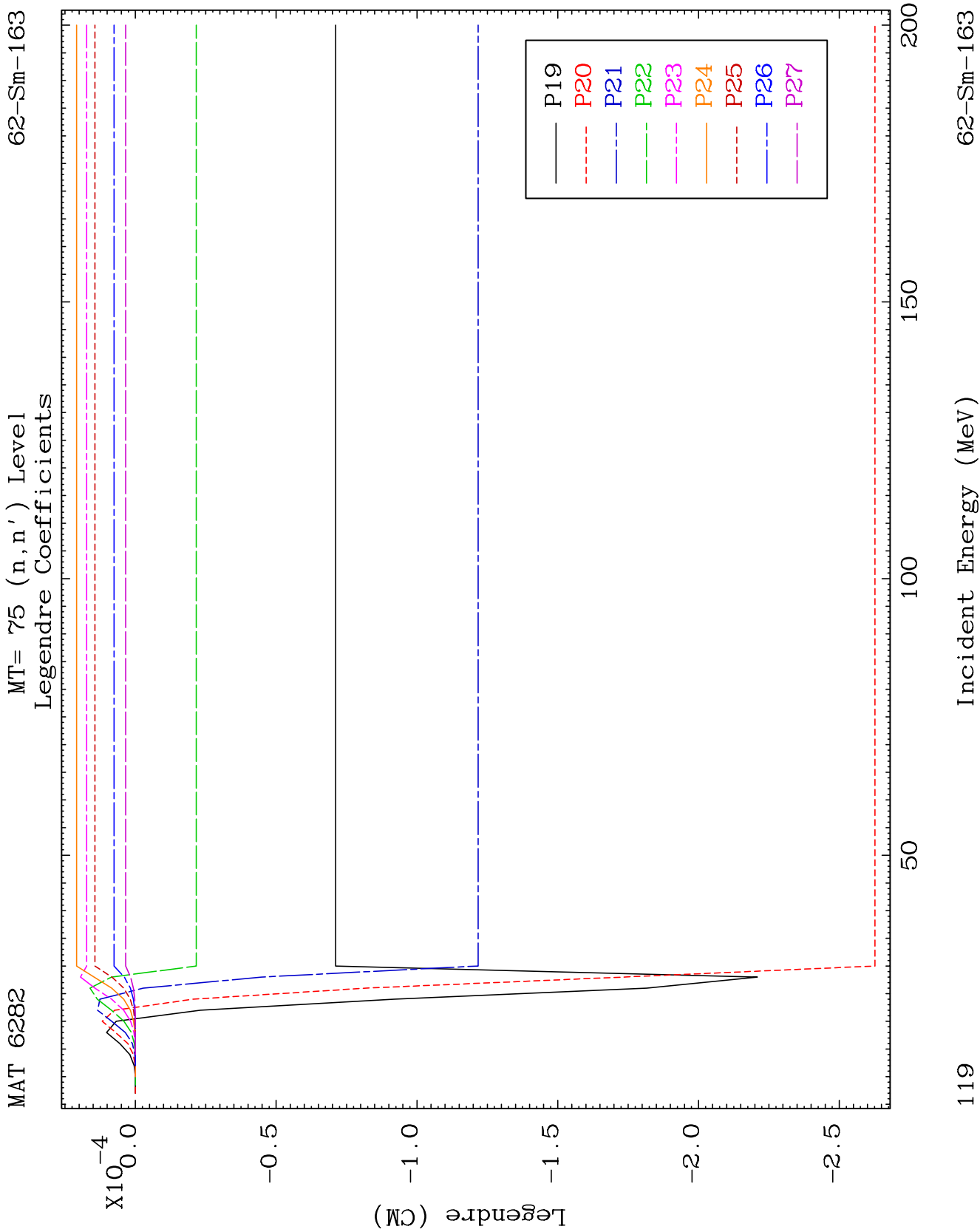
MT= 74 (n, n') Level
Legendre Coefficients

62-Sm-163





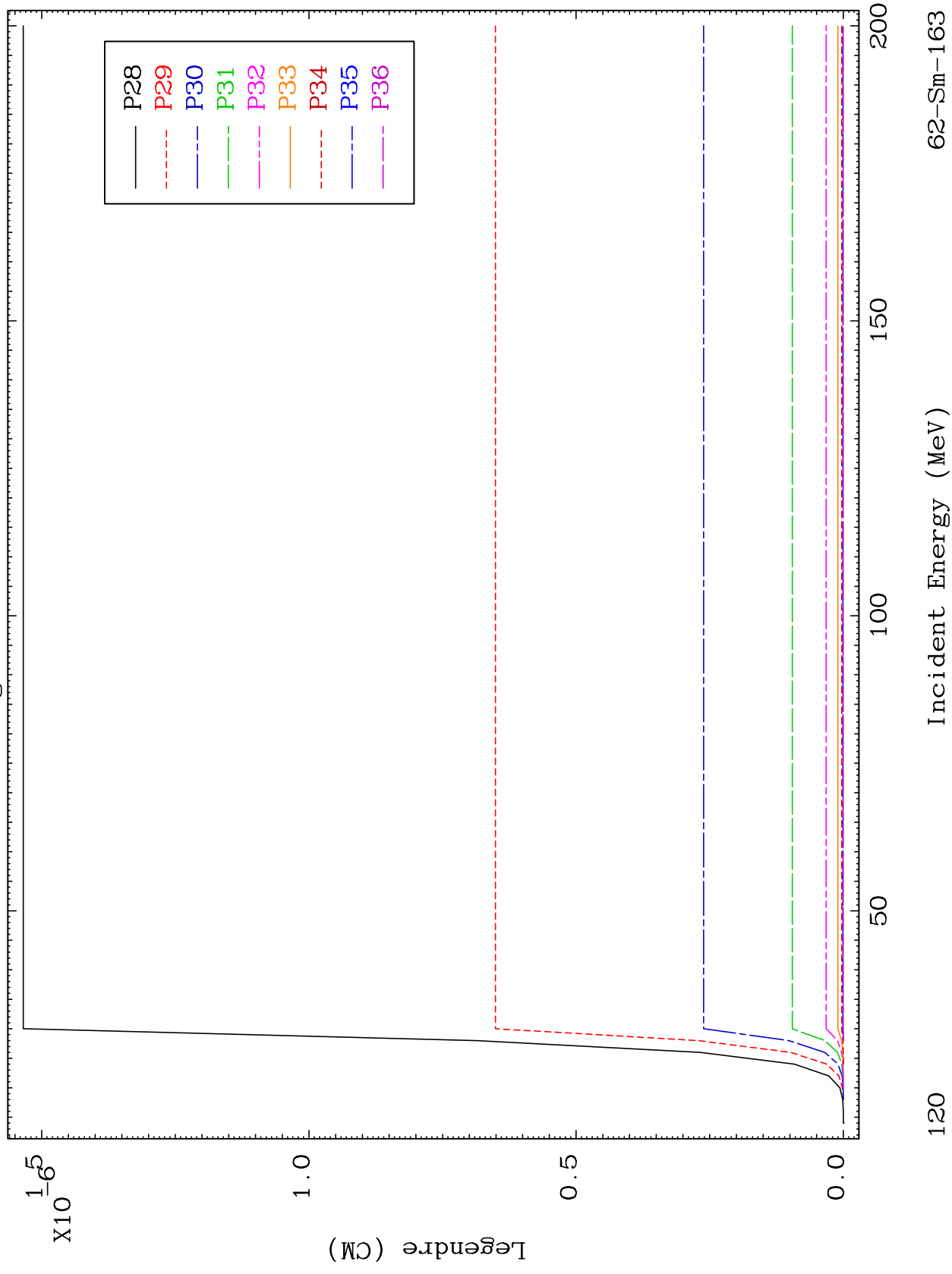




MAT 6282

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

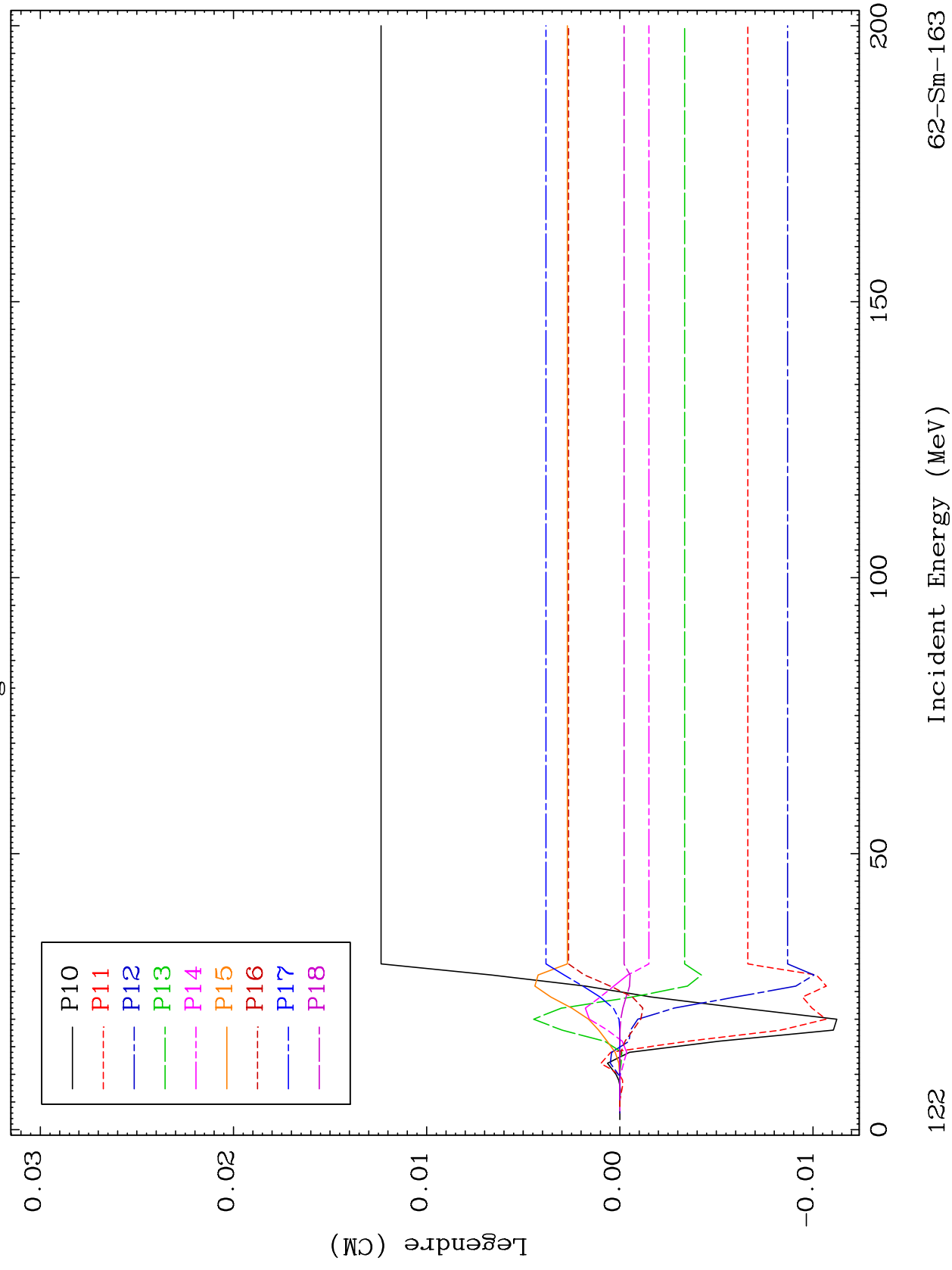
62-Sm-163

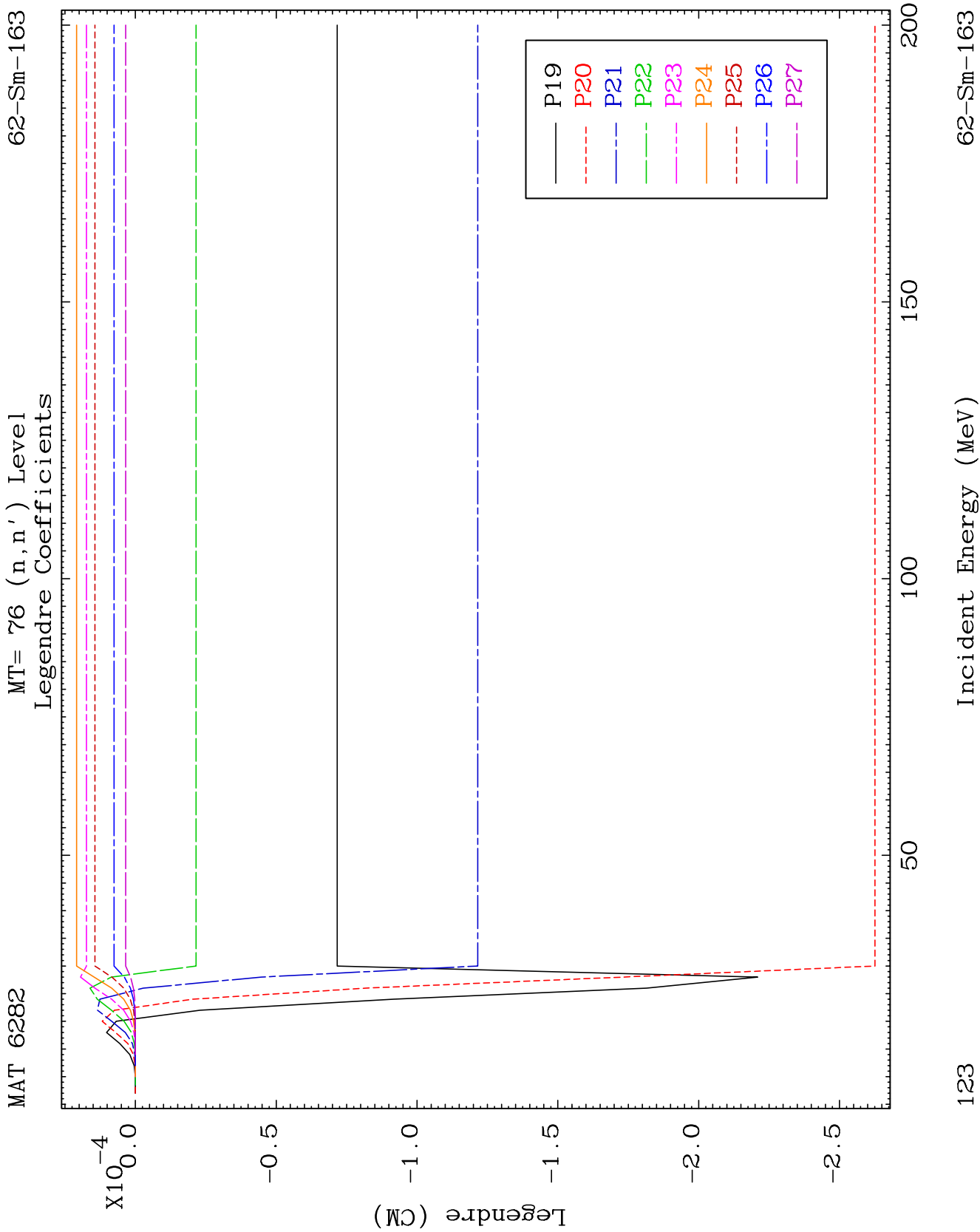


MAT 6282

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

62-Sm-163

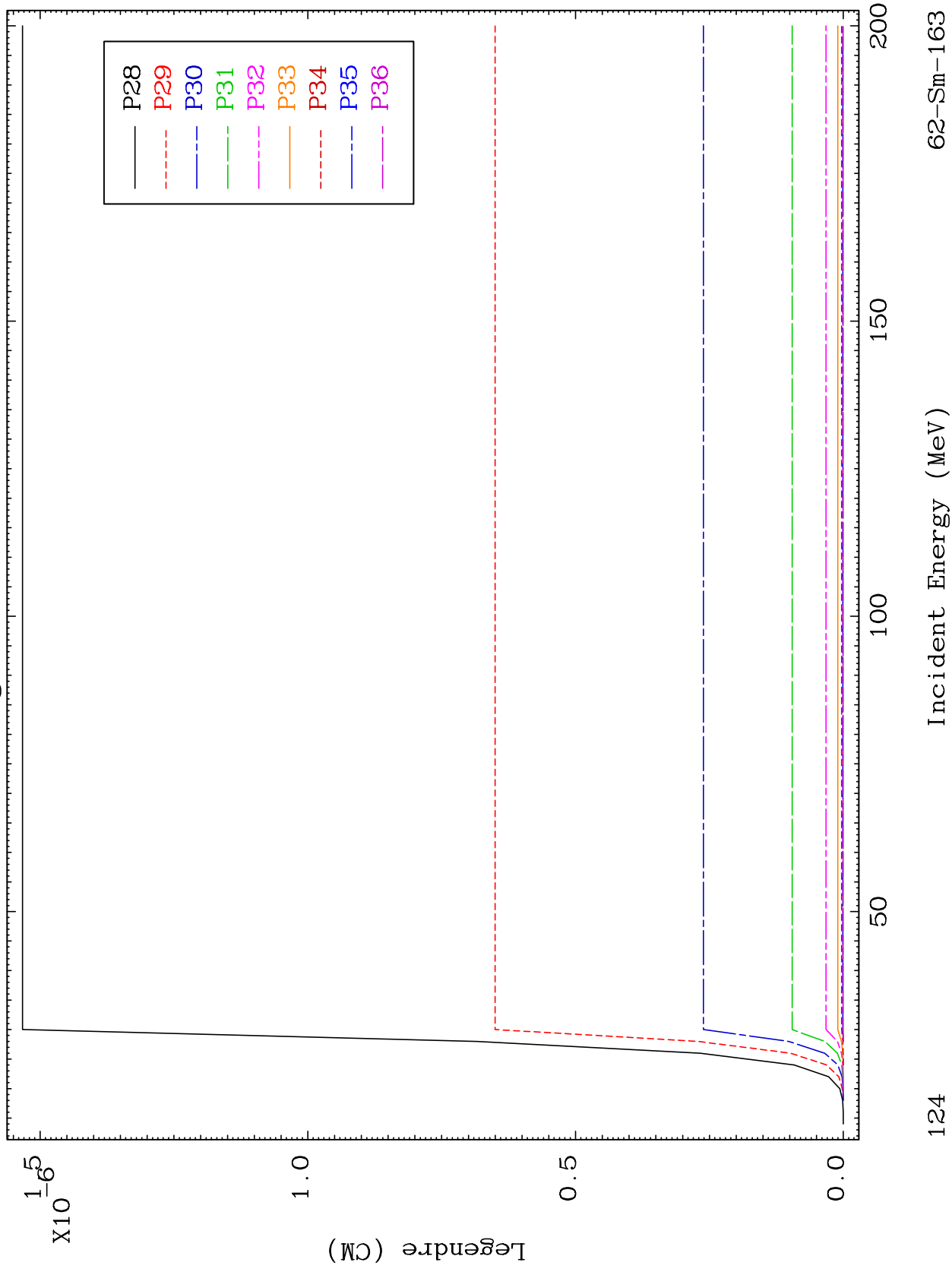




MAT 6282

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

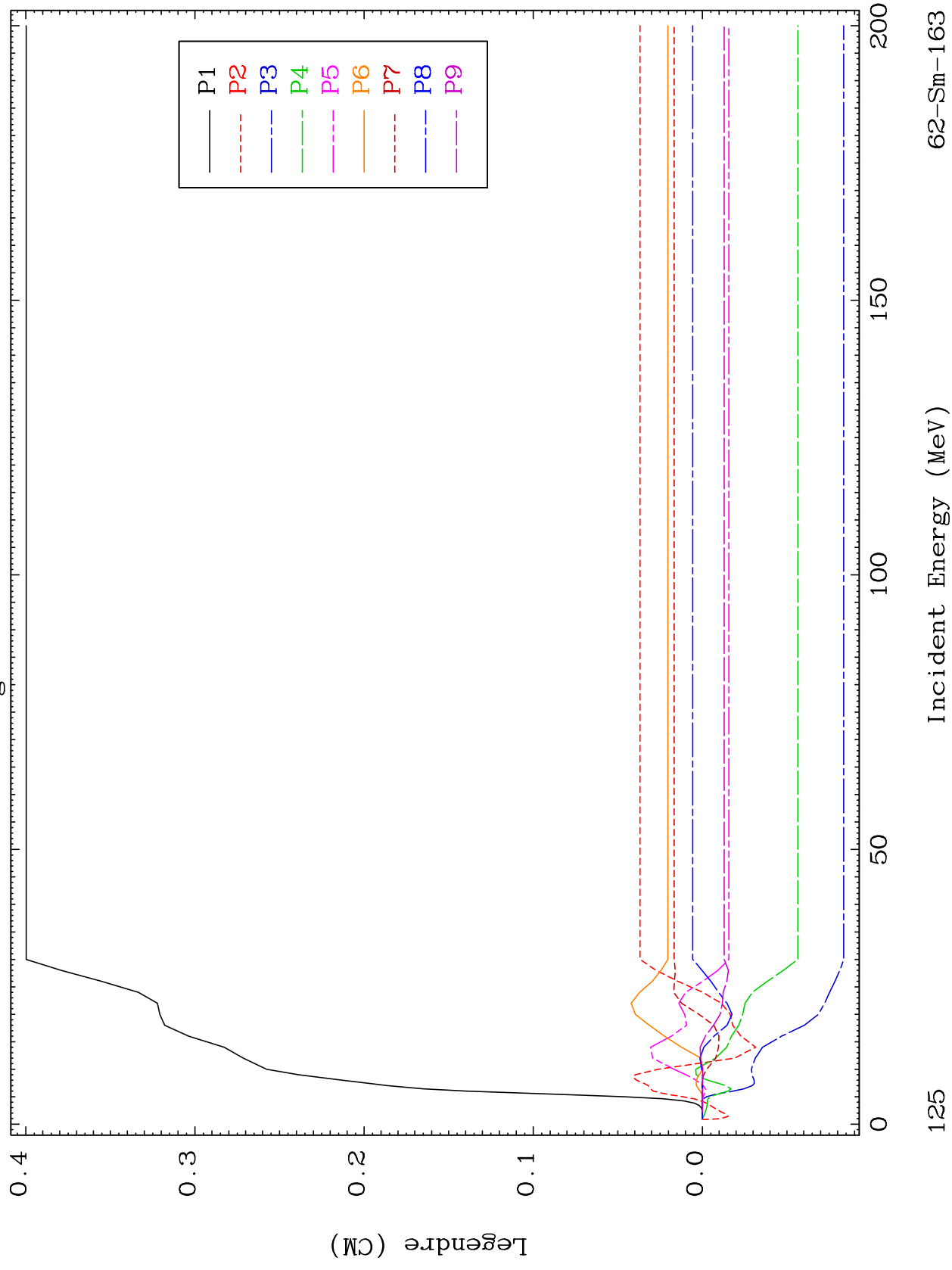
62-Sm-163



MAT 6282

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

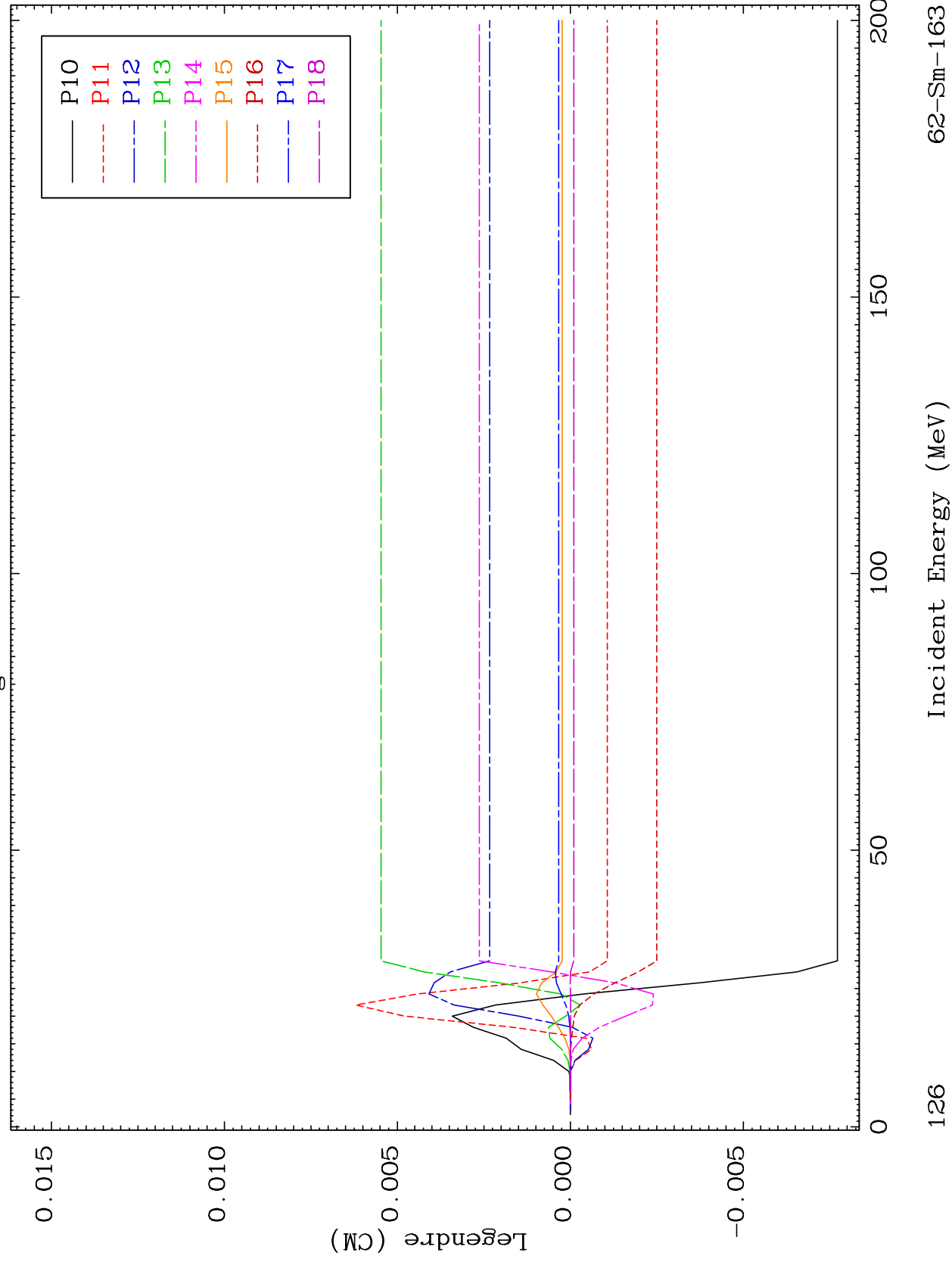
62-Sm-163

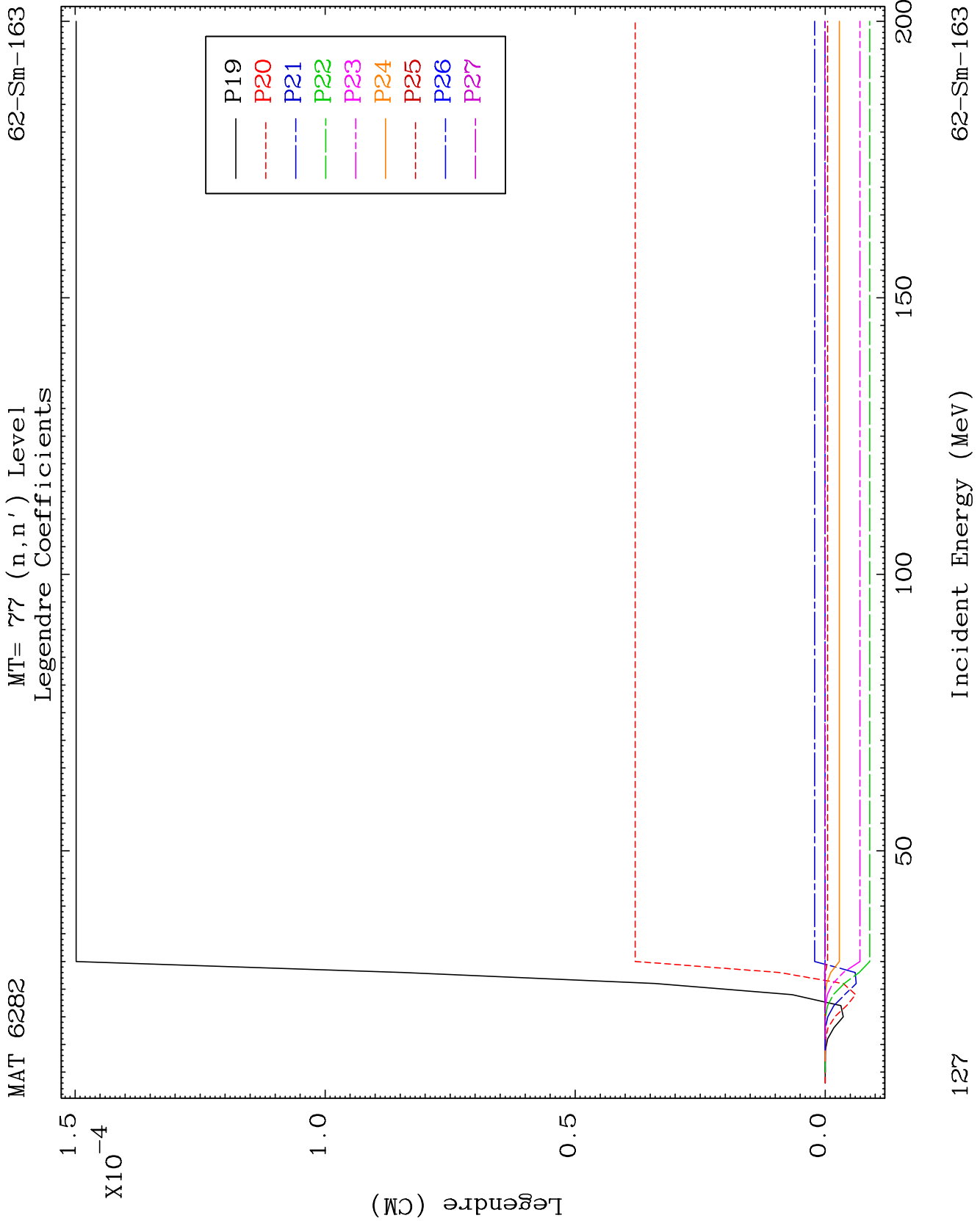


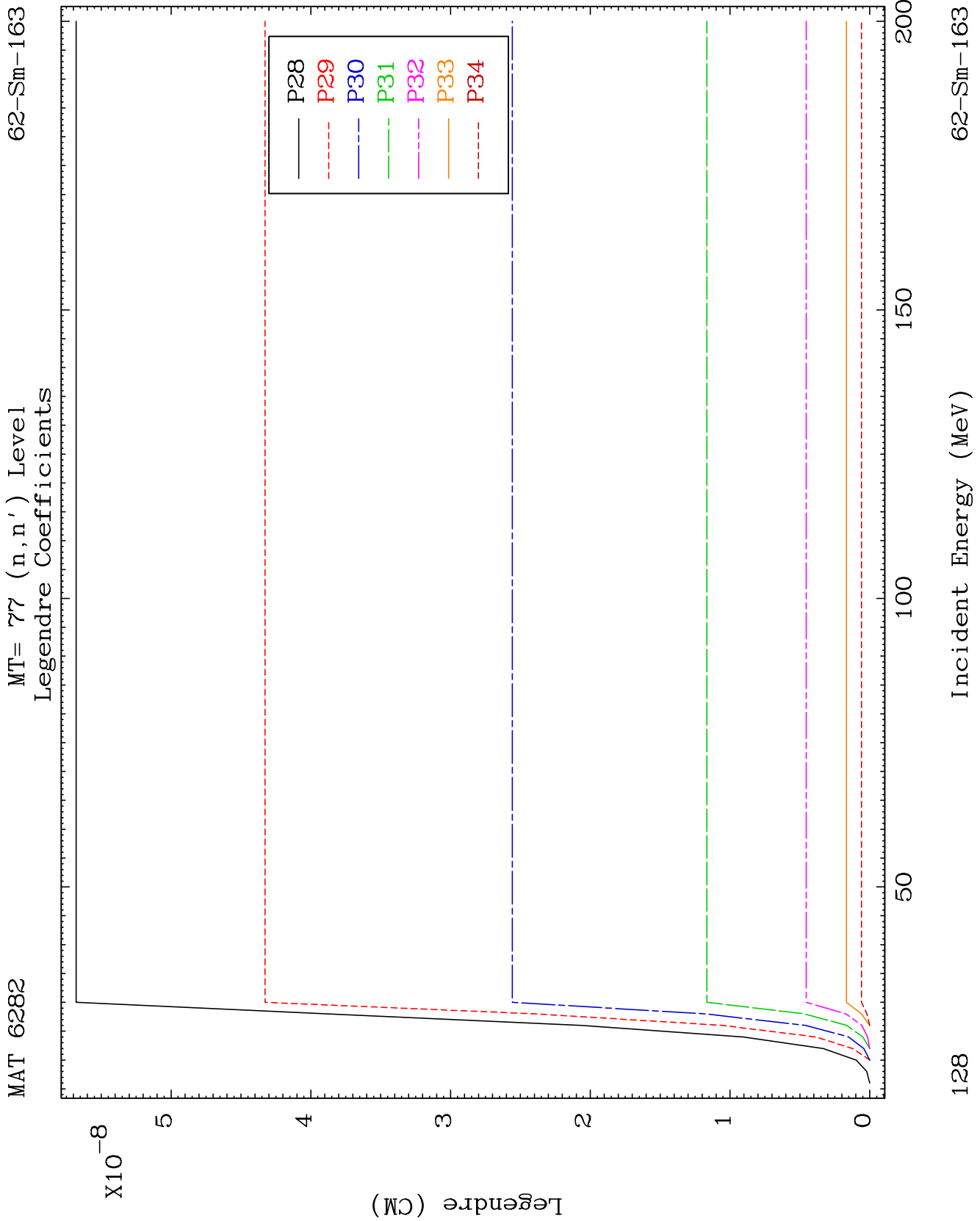
MAT 6282

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

62-Sm-163



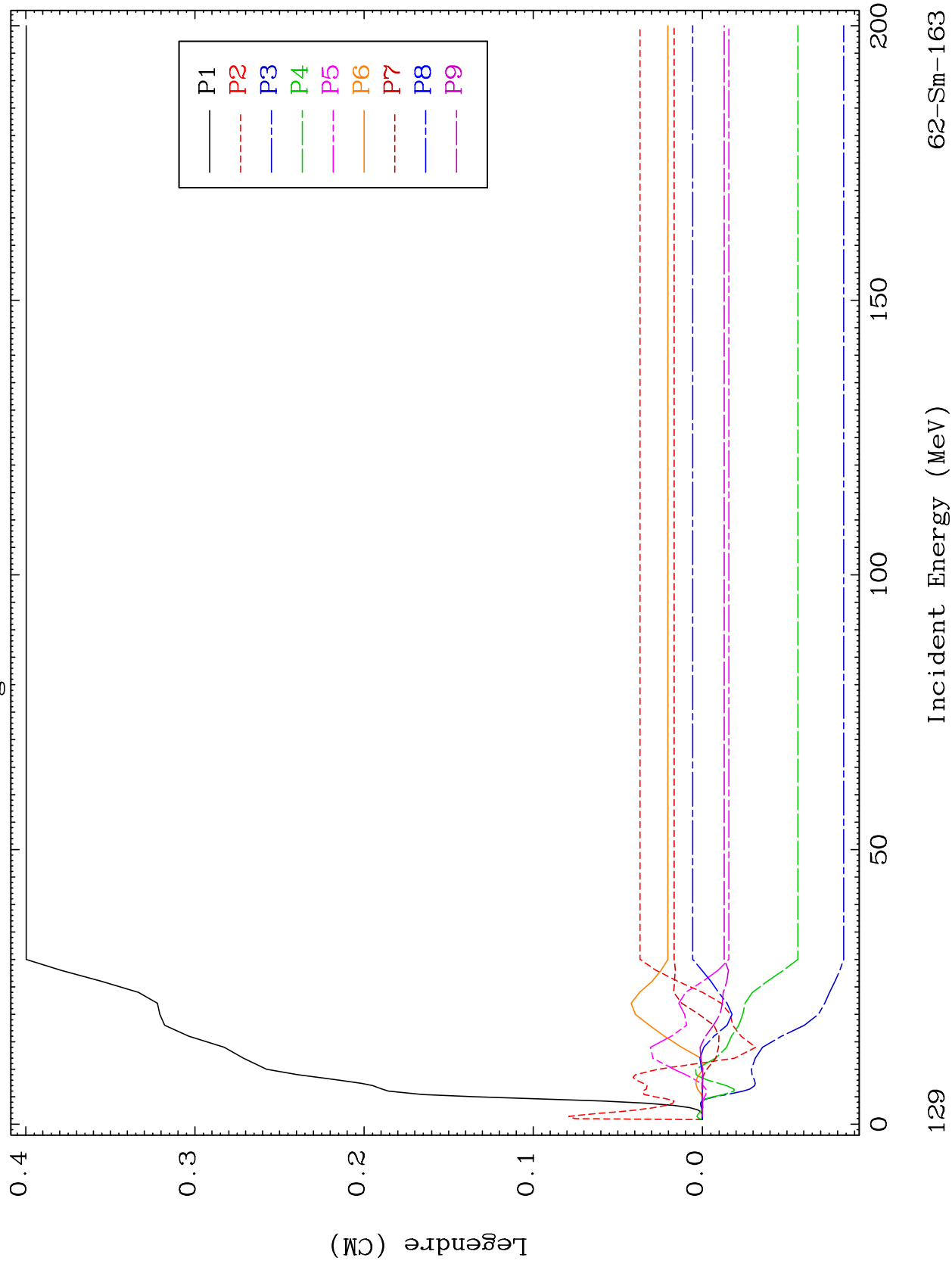


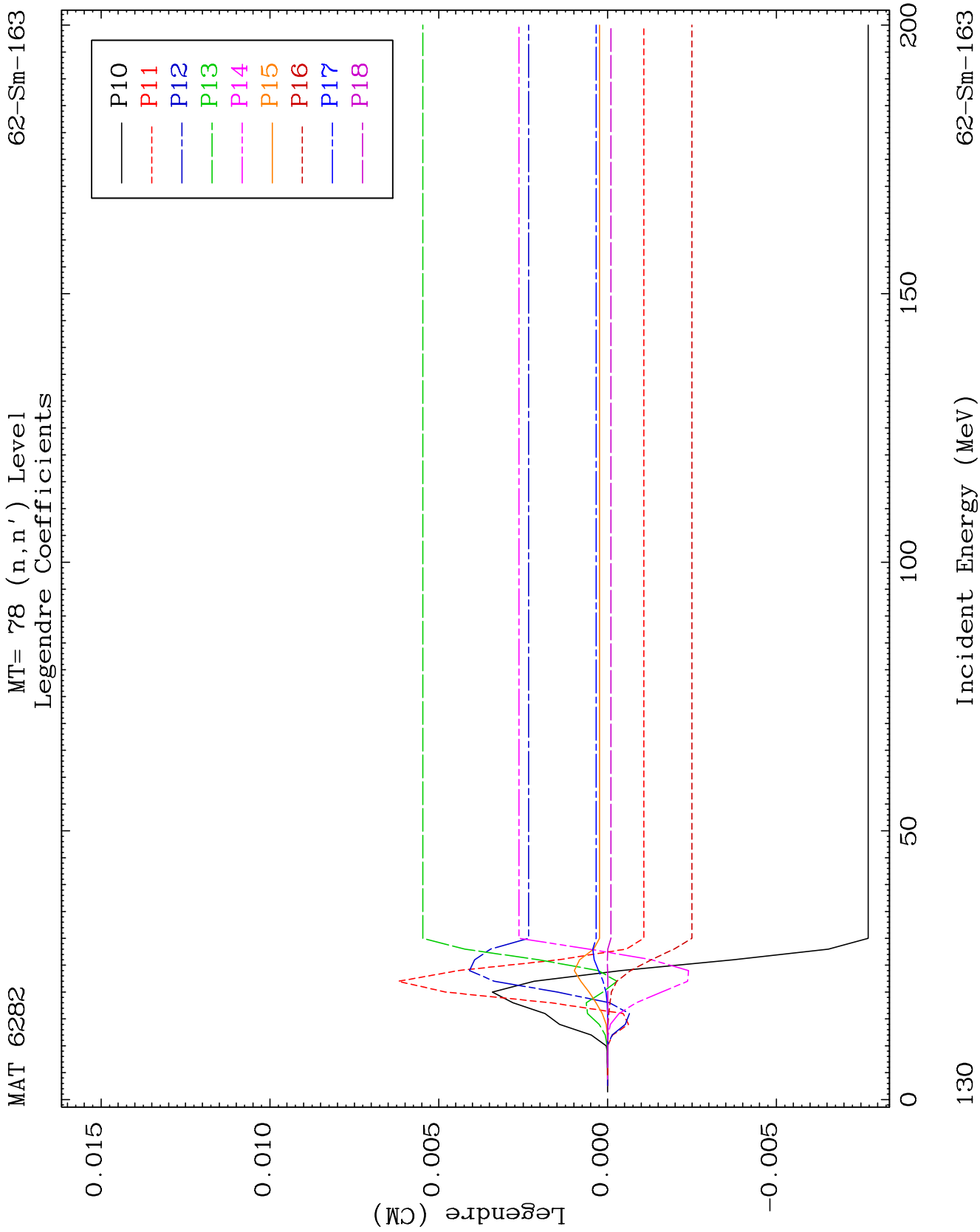


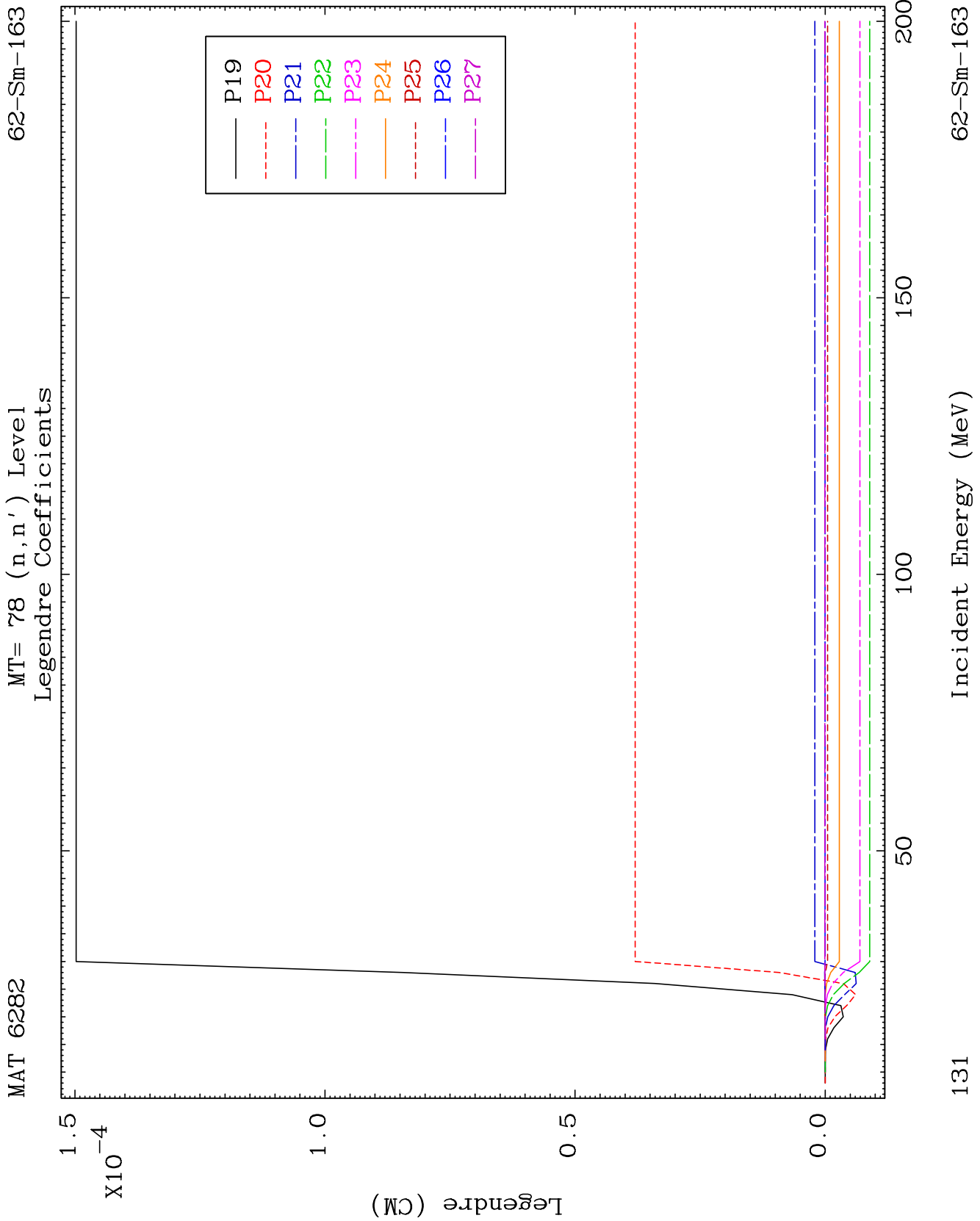
MAT 6282

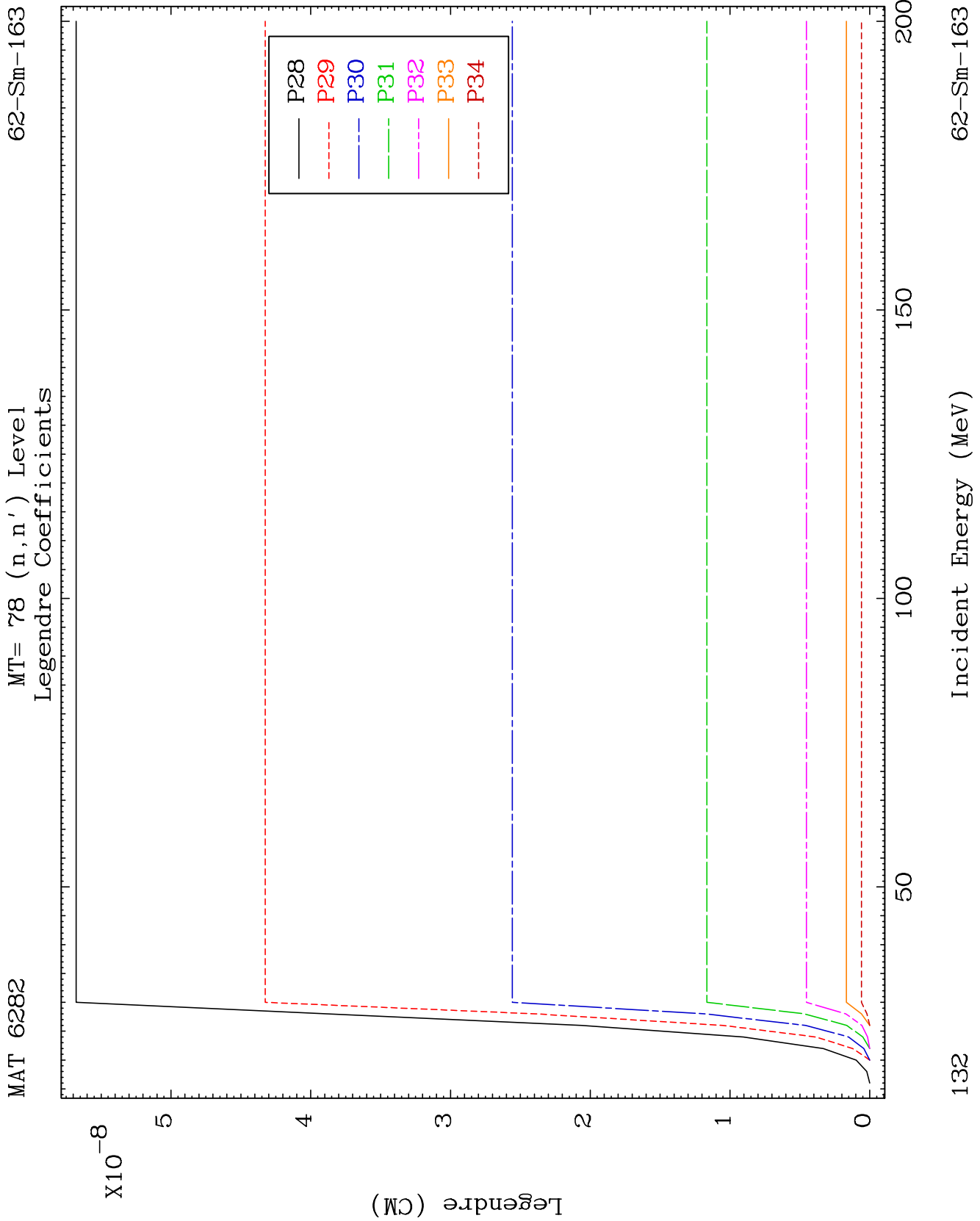
MT= 78 (n, n') Level
Legendre Coefficients

62-Sm-163





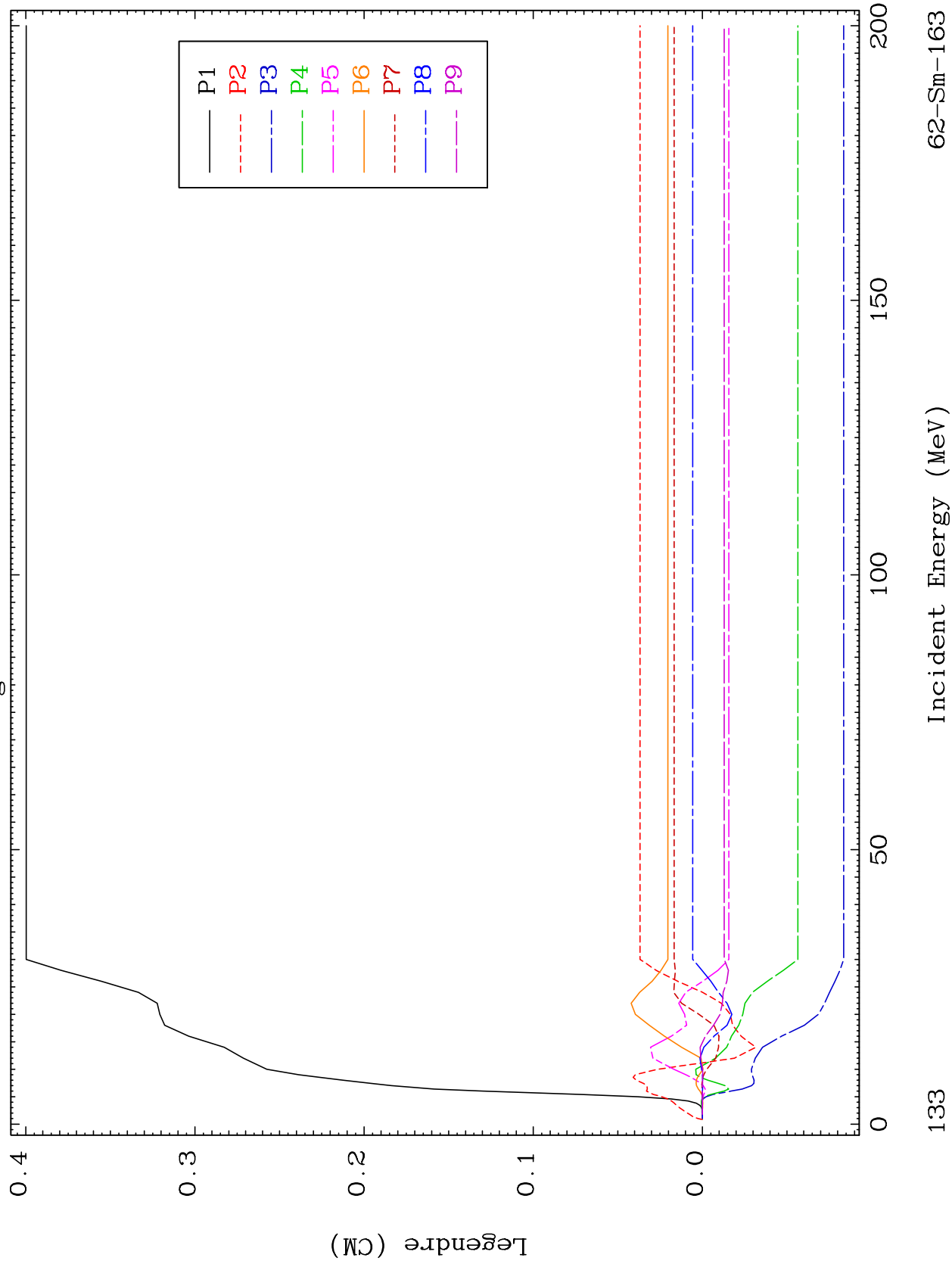


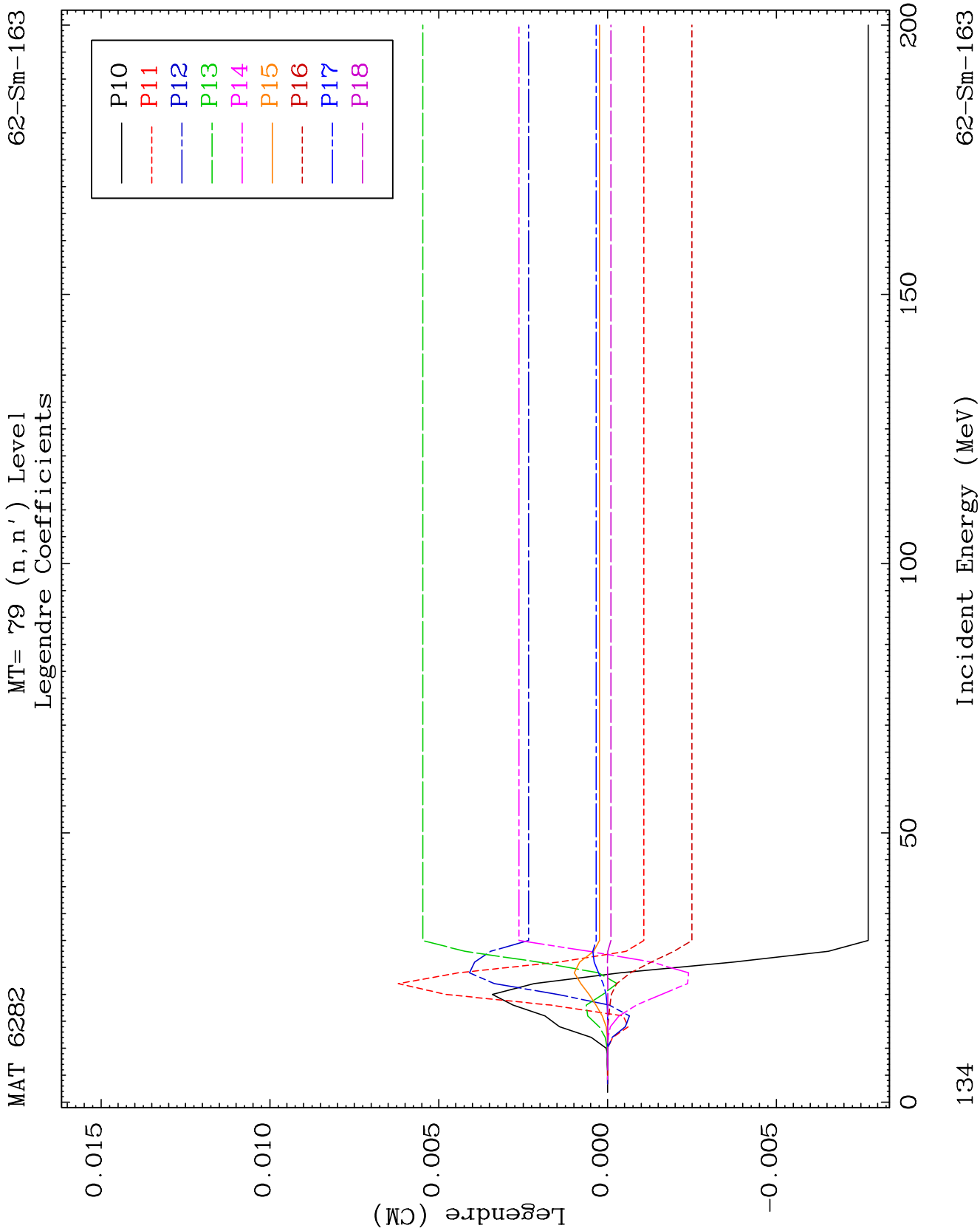


MAT 6282

MT= 79 (n, n') Level
Legendre Coefficients

62-Sm-163

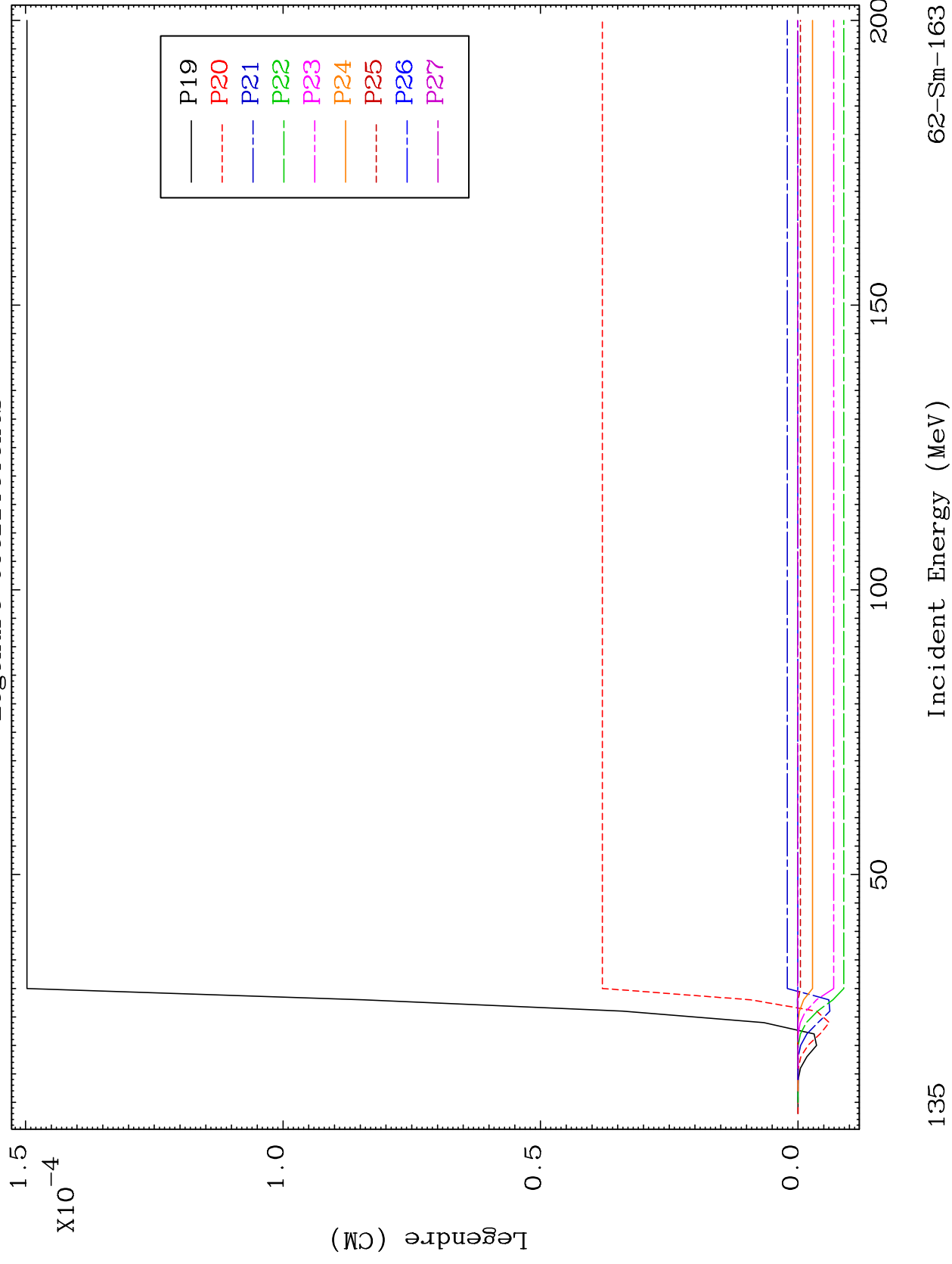


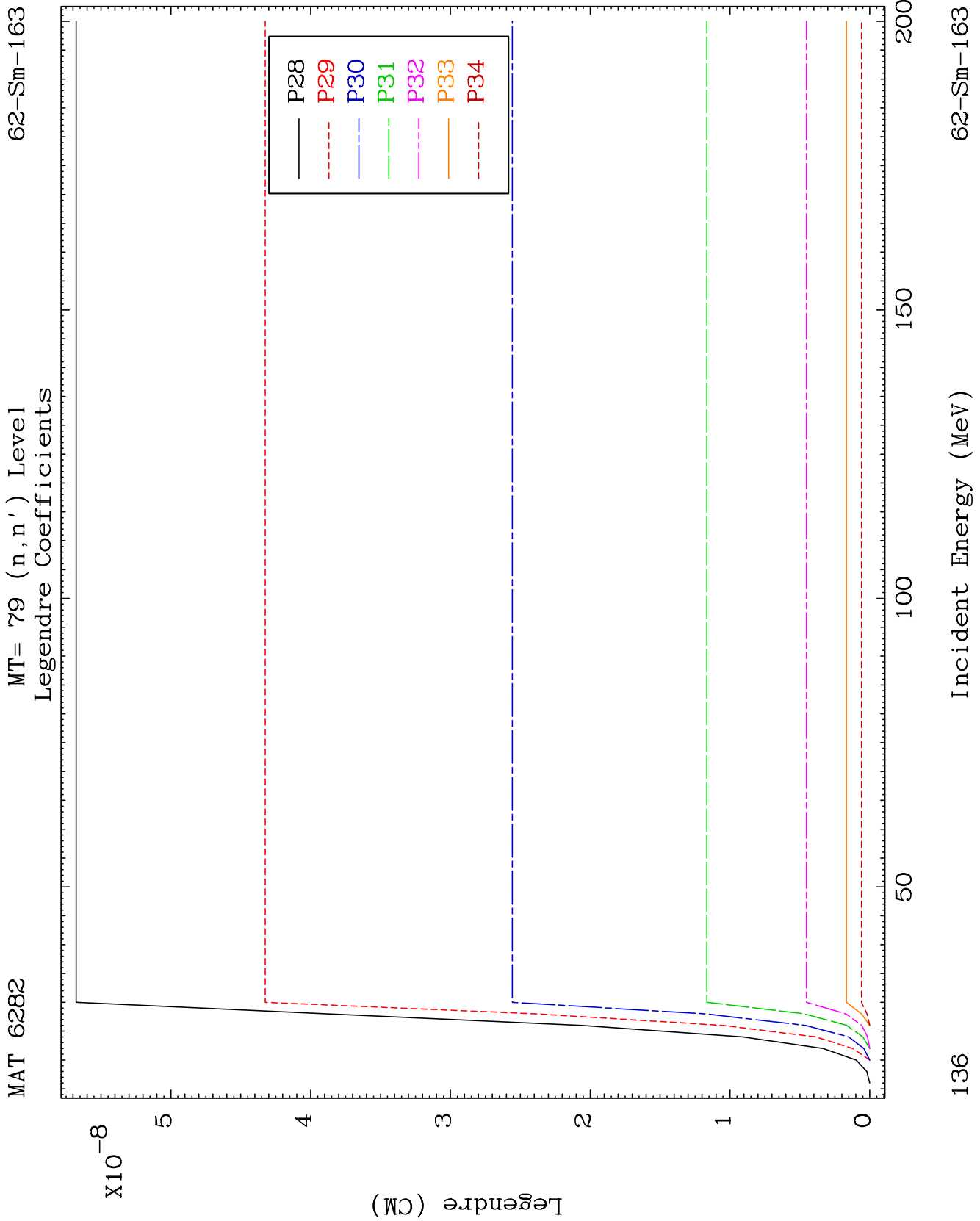


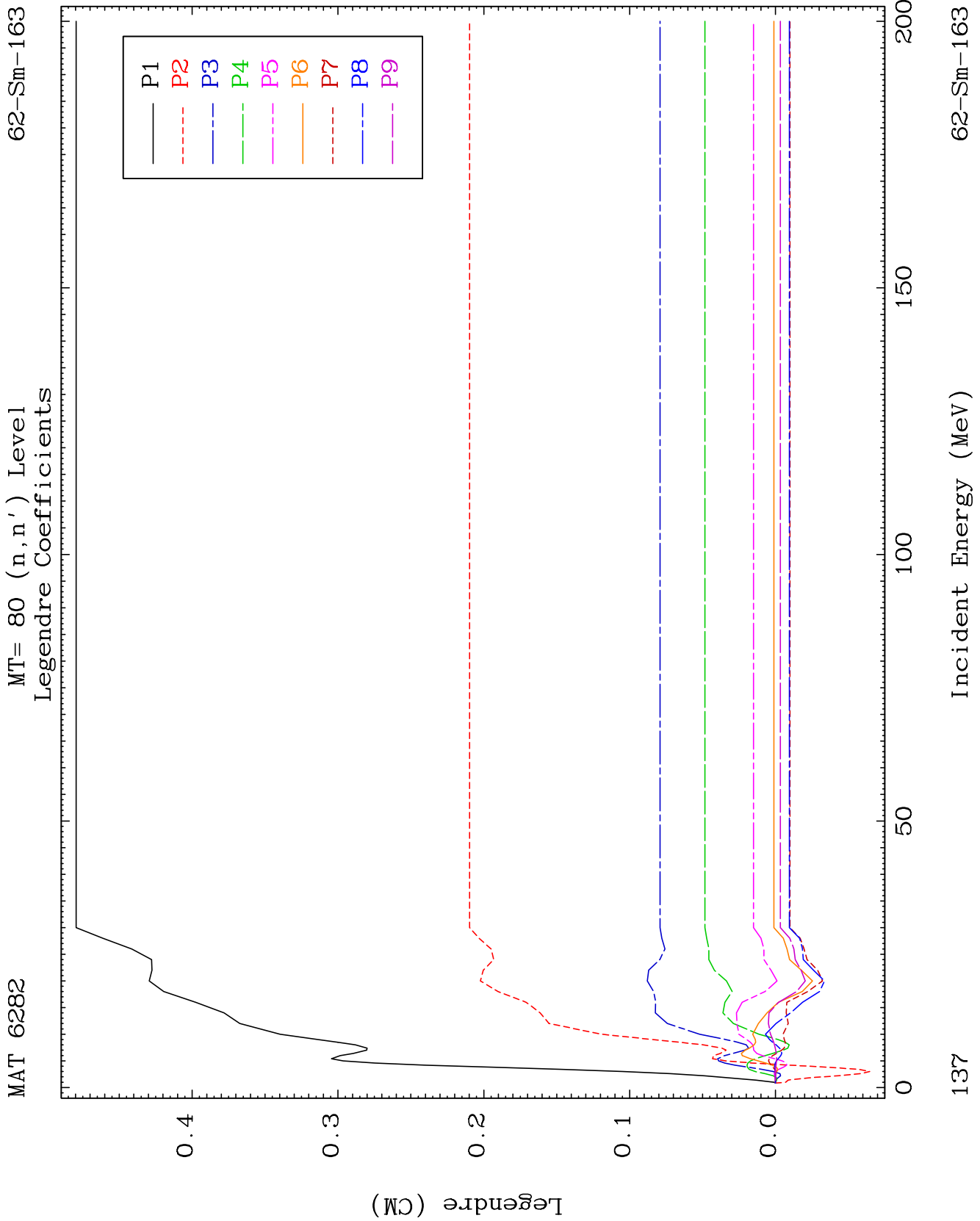
MAT 6282

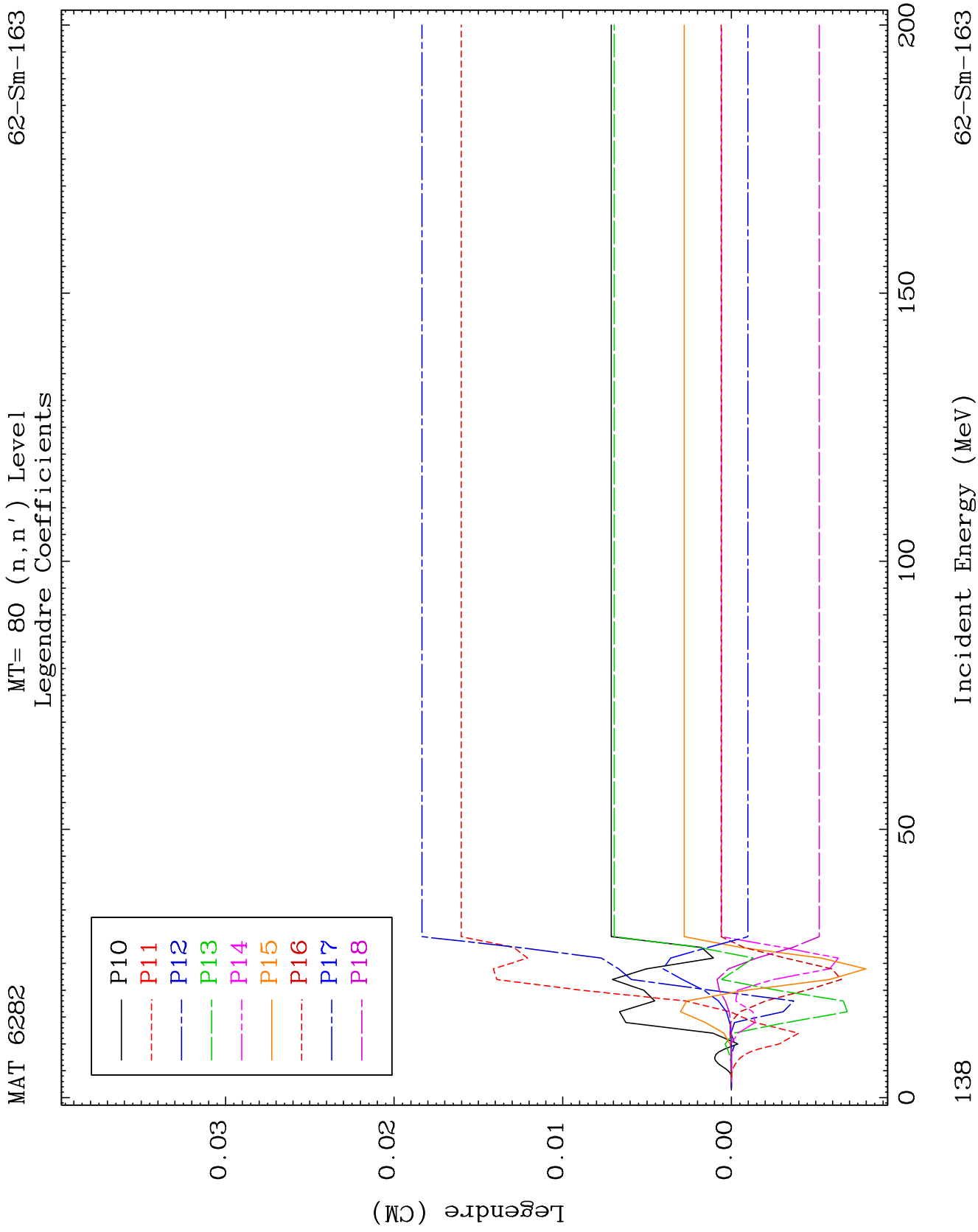
MT= 79 (n, n') Level
Legendre Coefficients

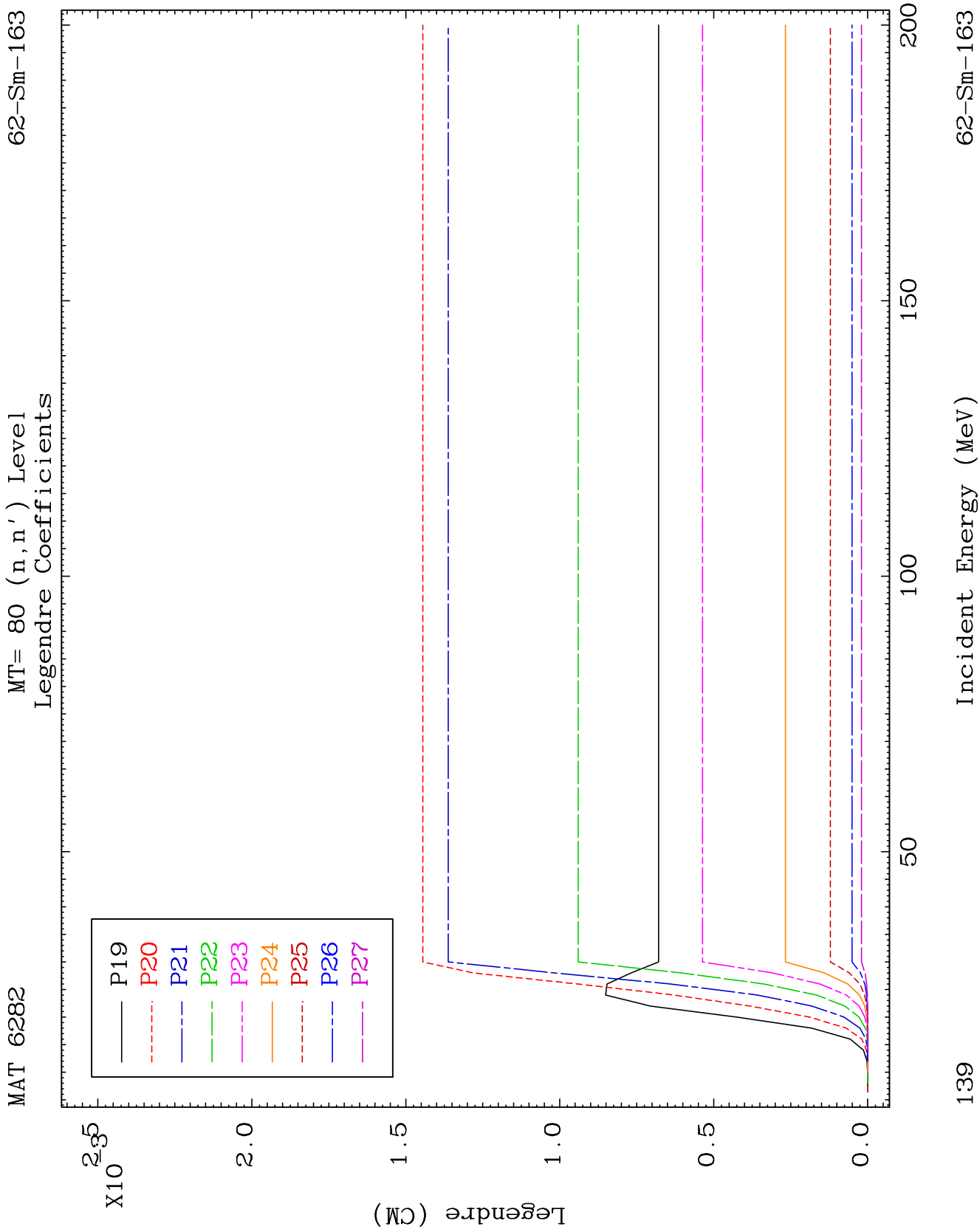
62-Sm-163

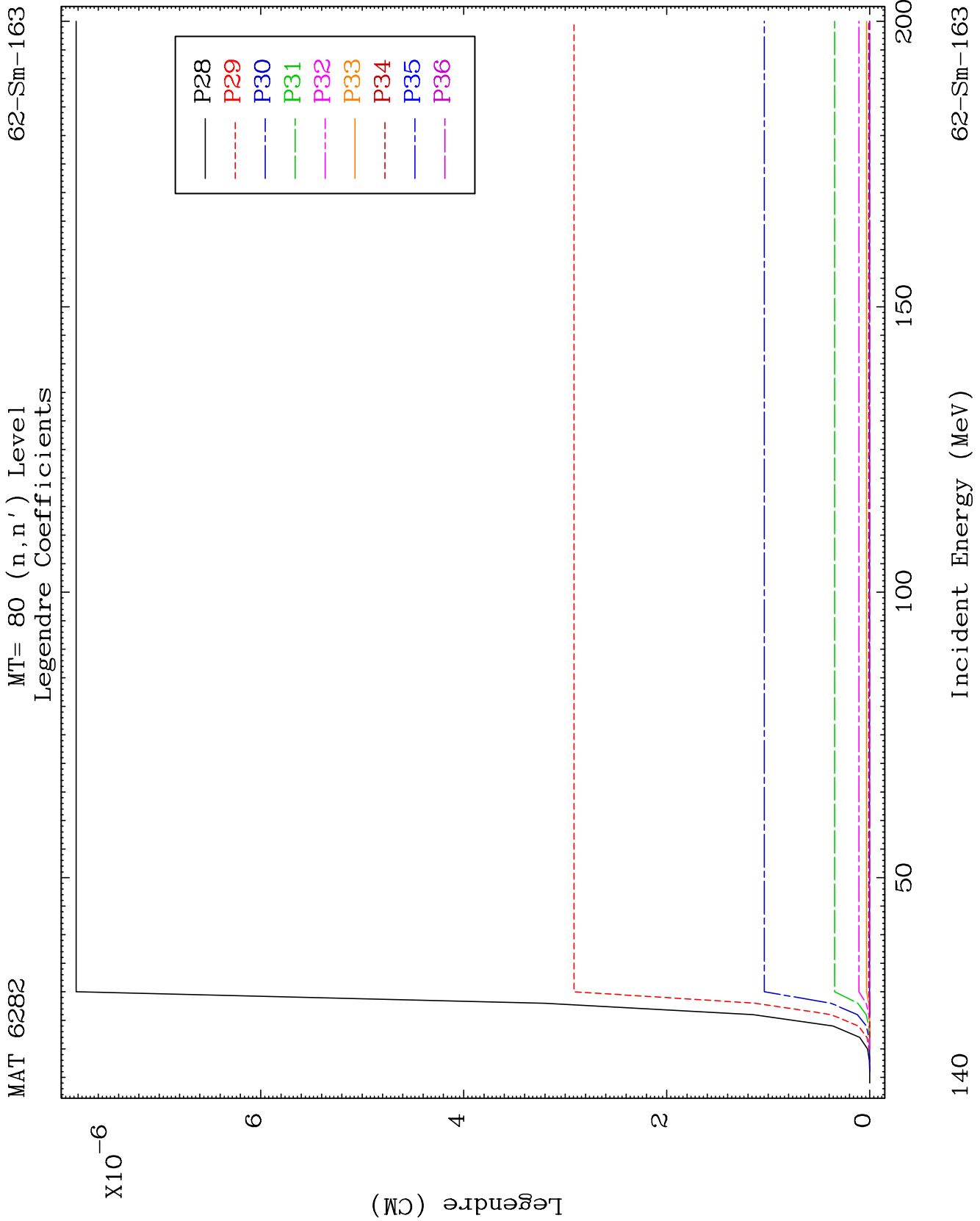


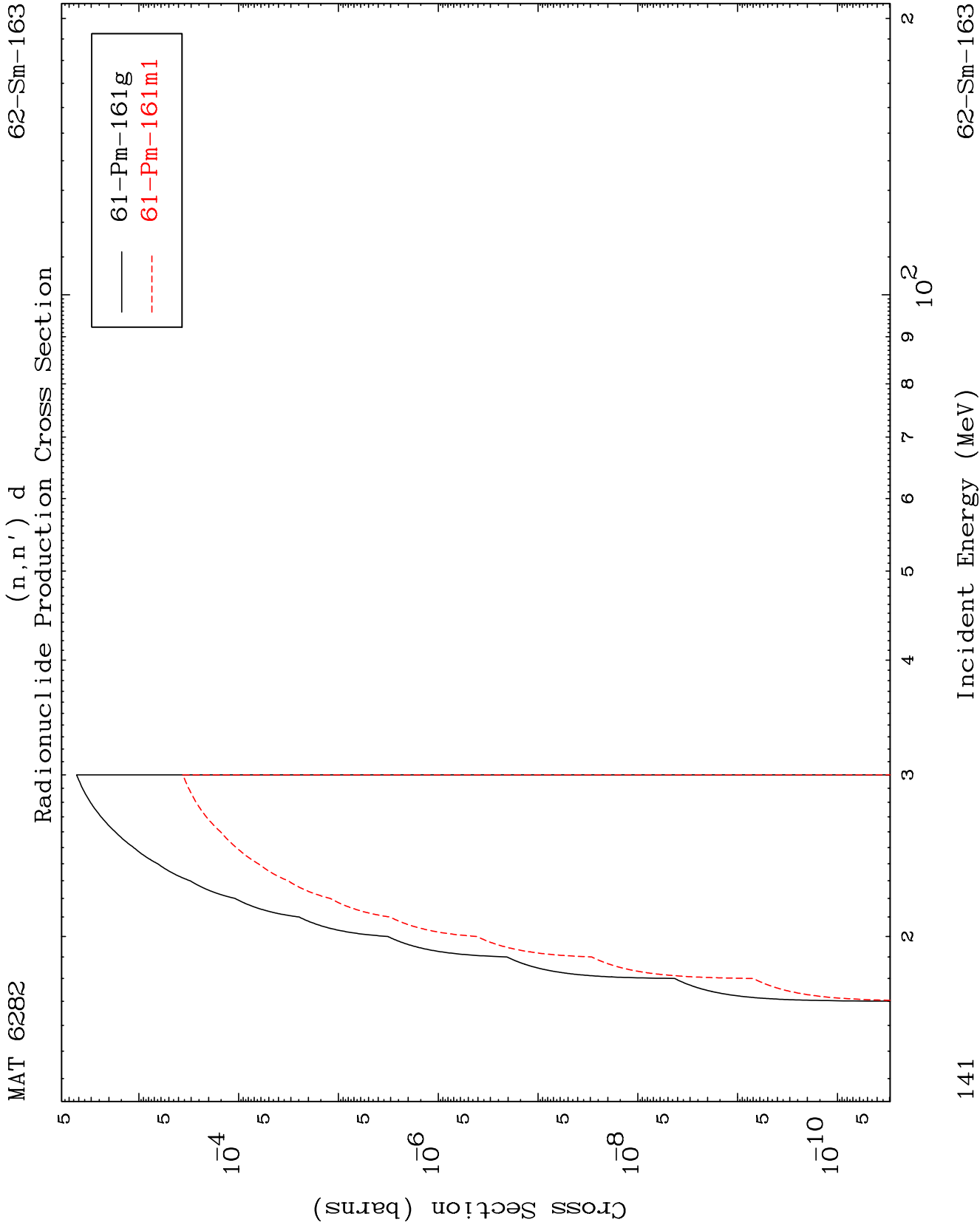


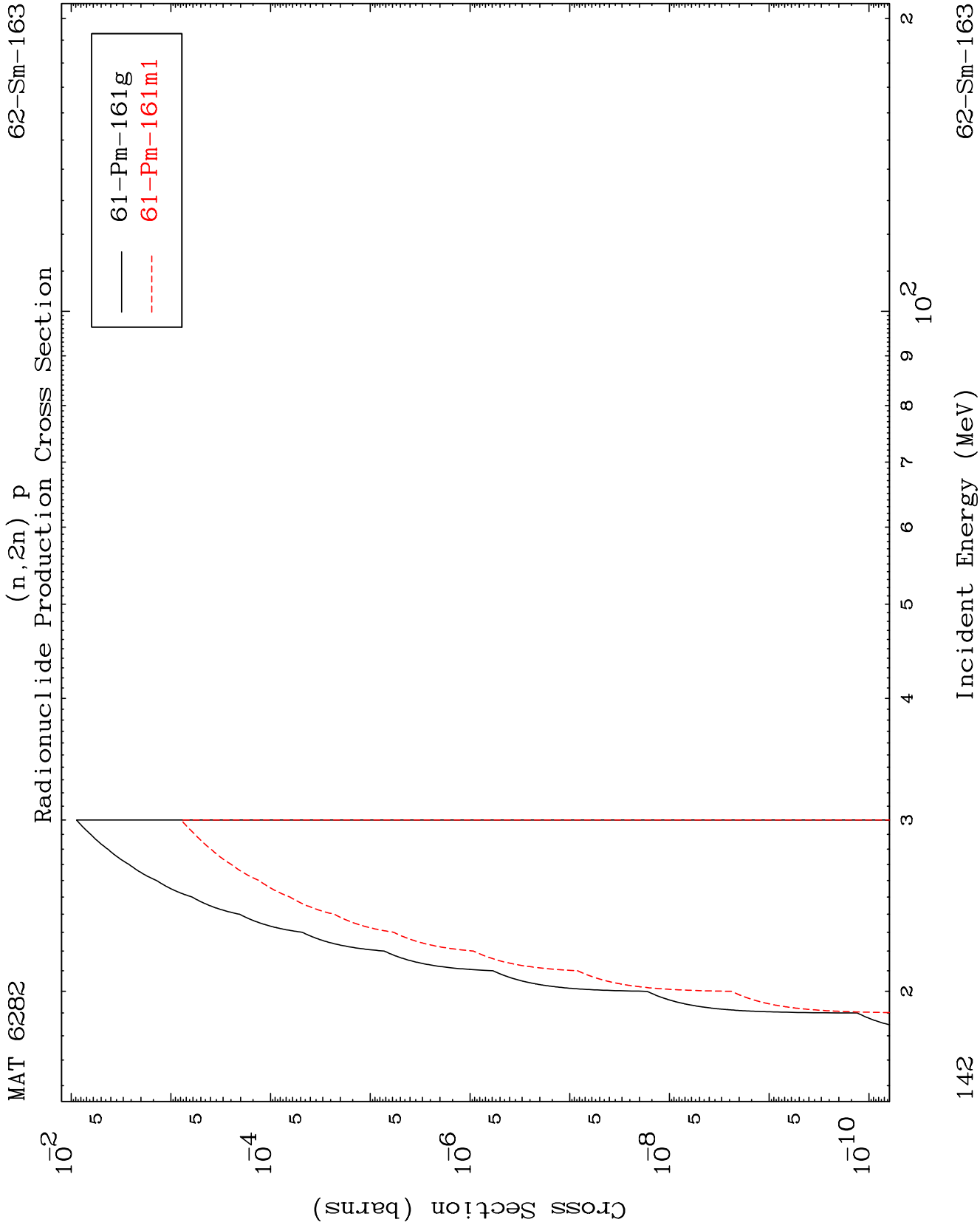








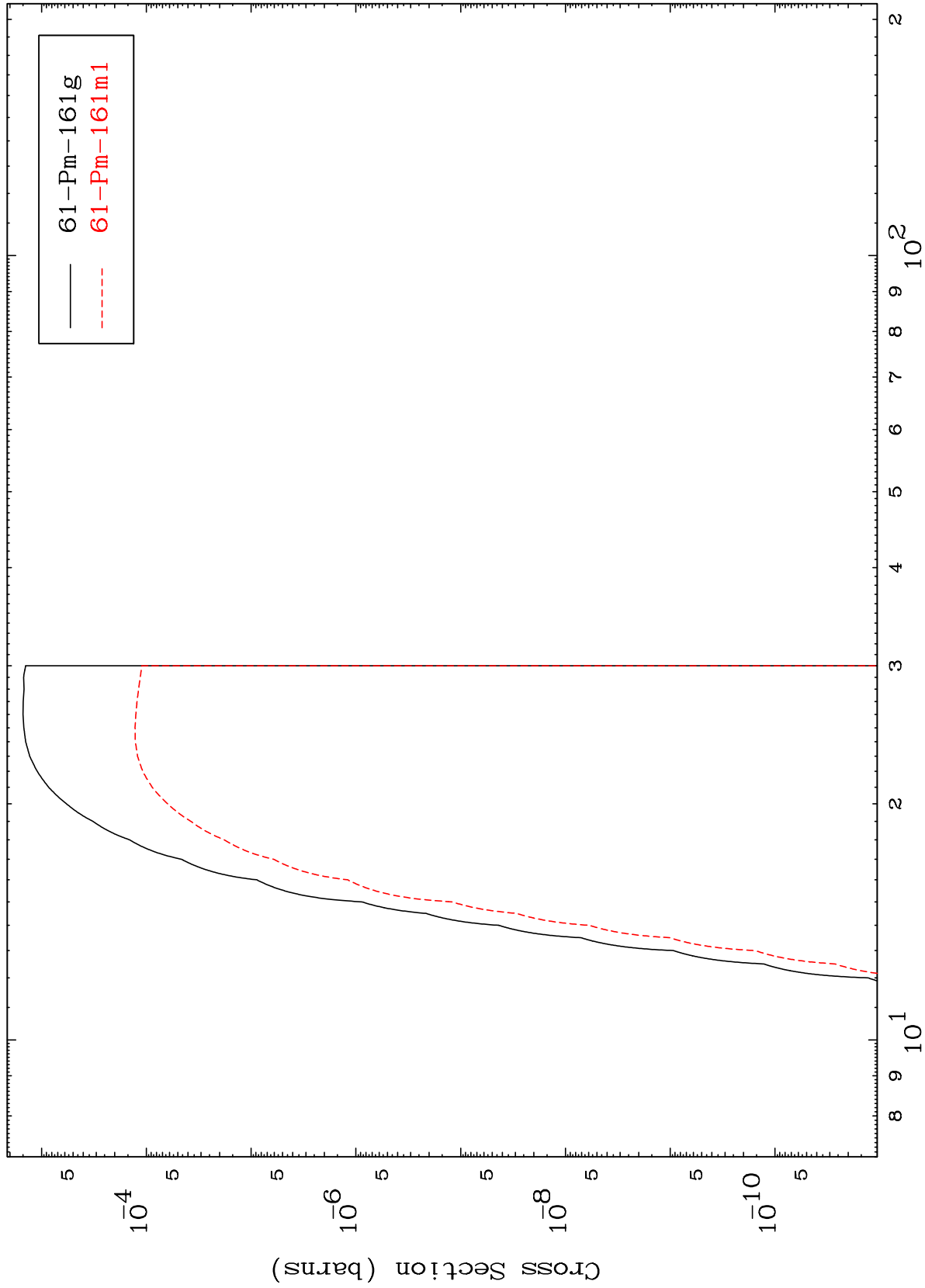




MAT 6282

62-Sm-163

(n,t)
Radionuclide Production Cross Section



143

Incident Energy (MeV)

62-Sm-163