

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

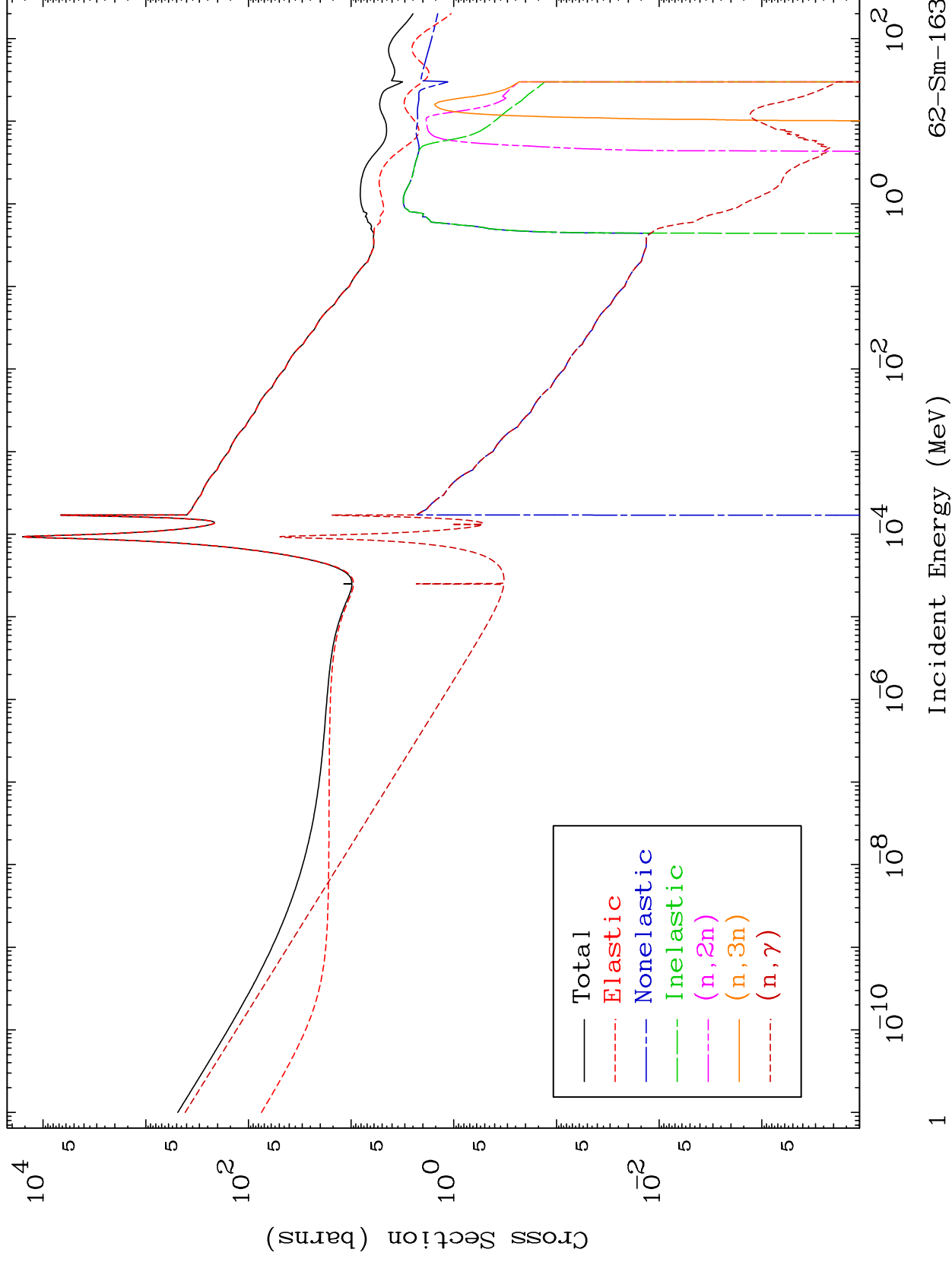
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

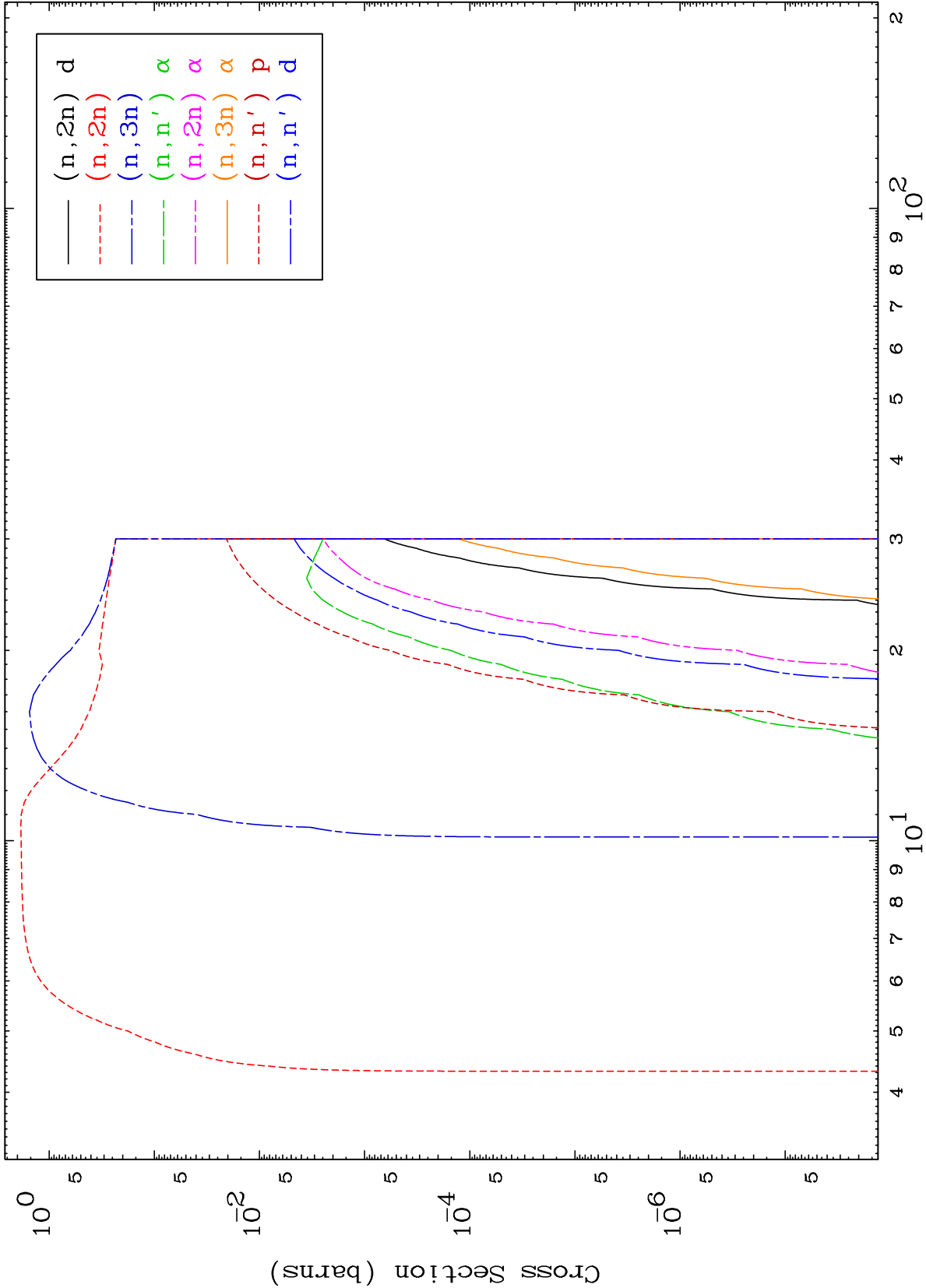
Press Mouse Button to Start

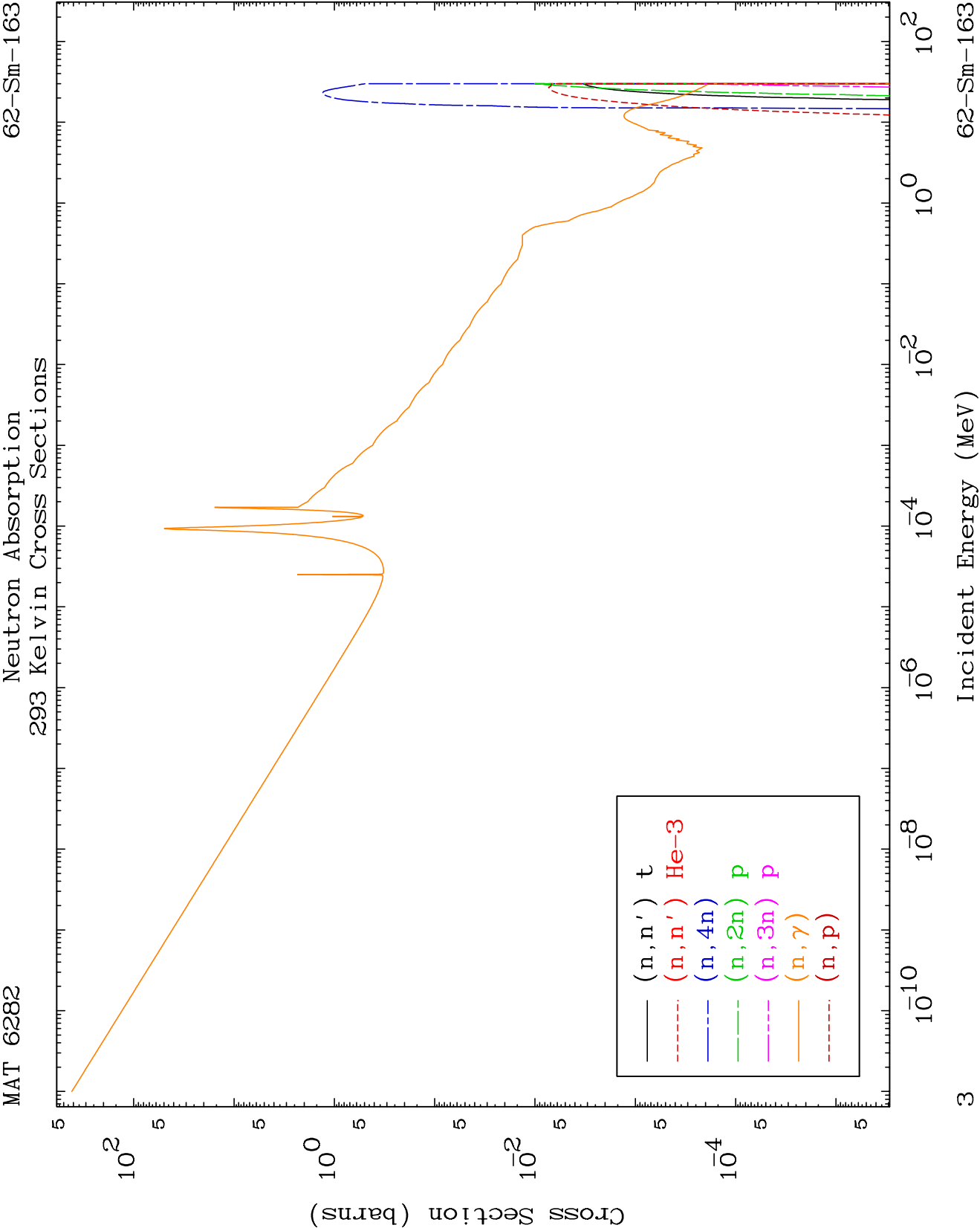
MAT 6282

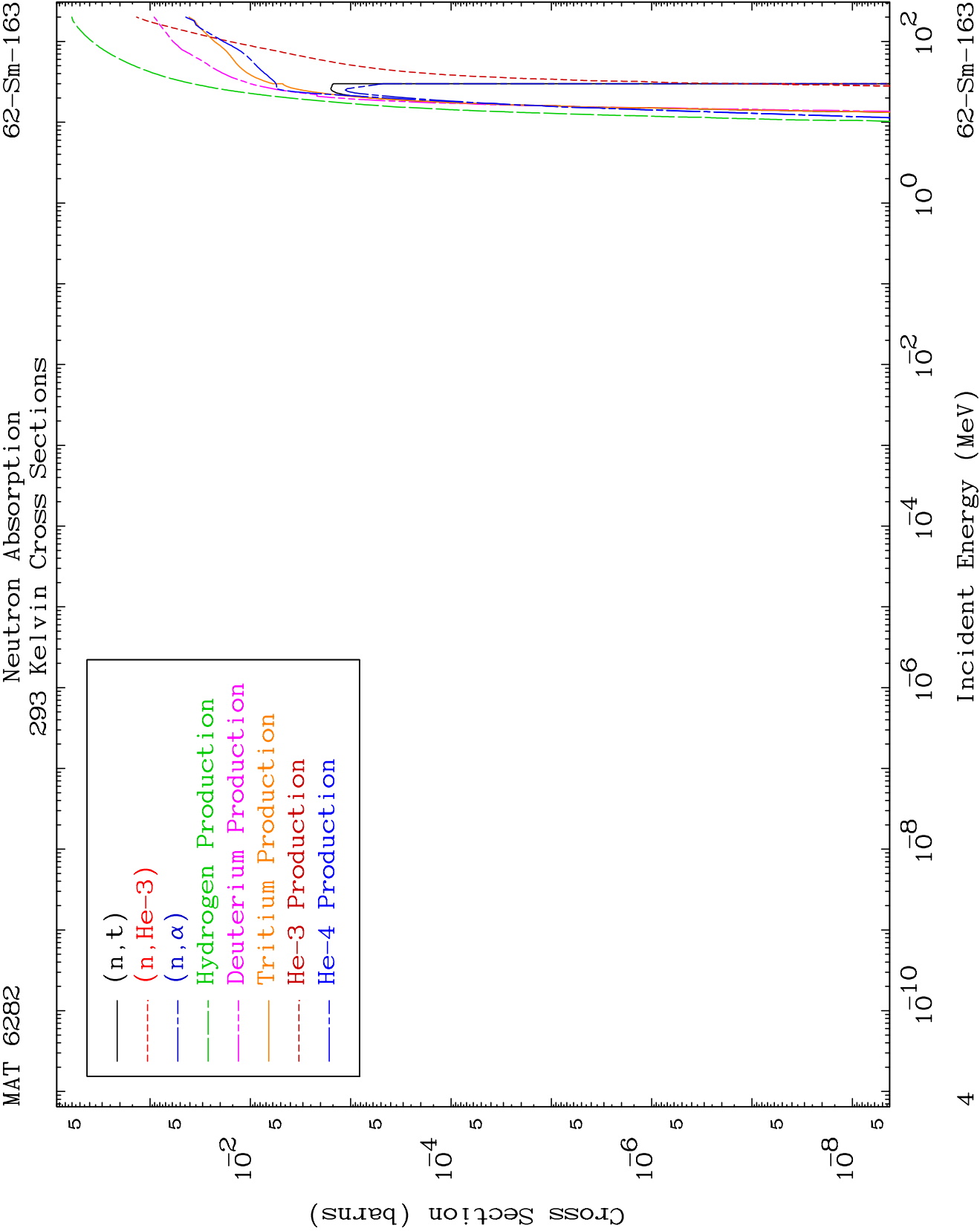
Neutron Major
293 Kelvin Cross Sections

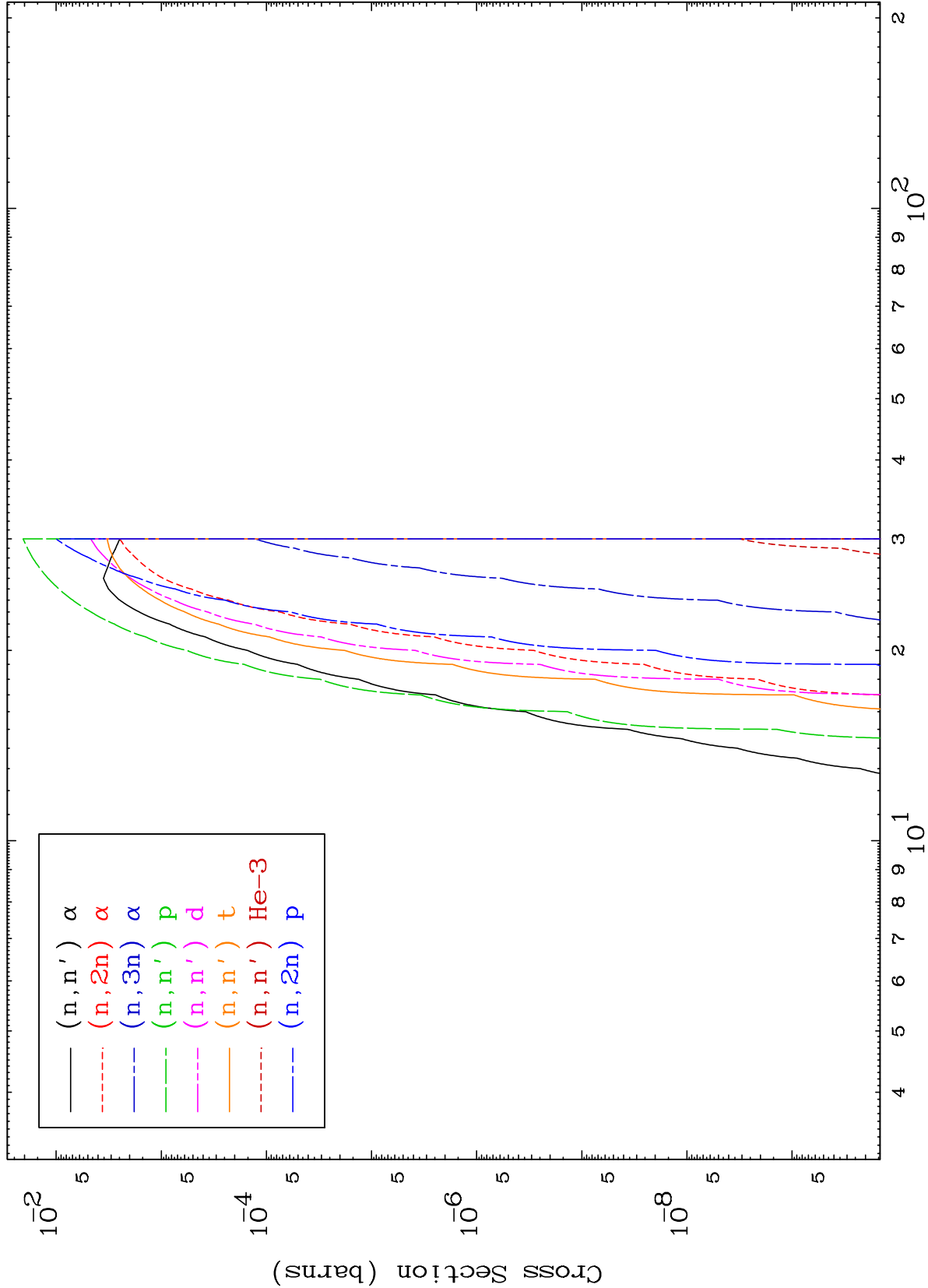
62-Sm-163

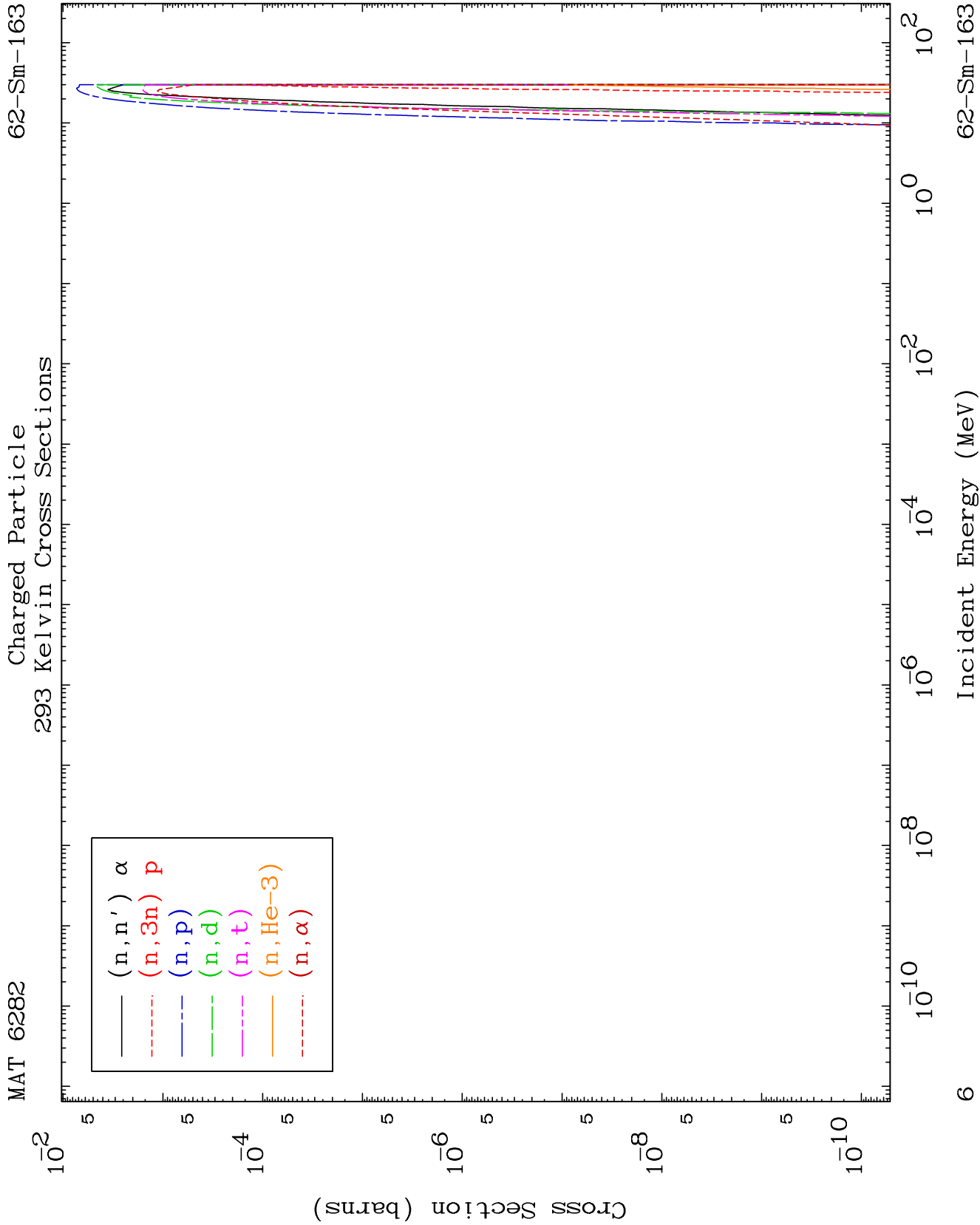


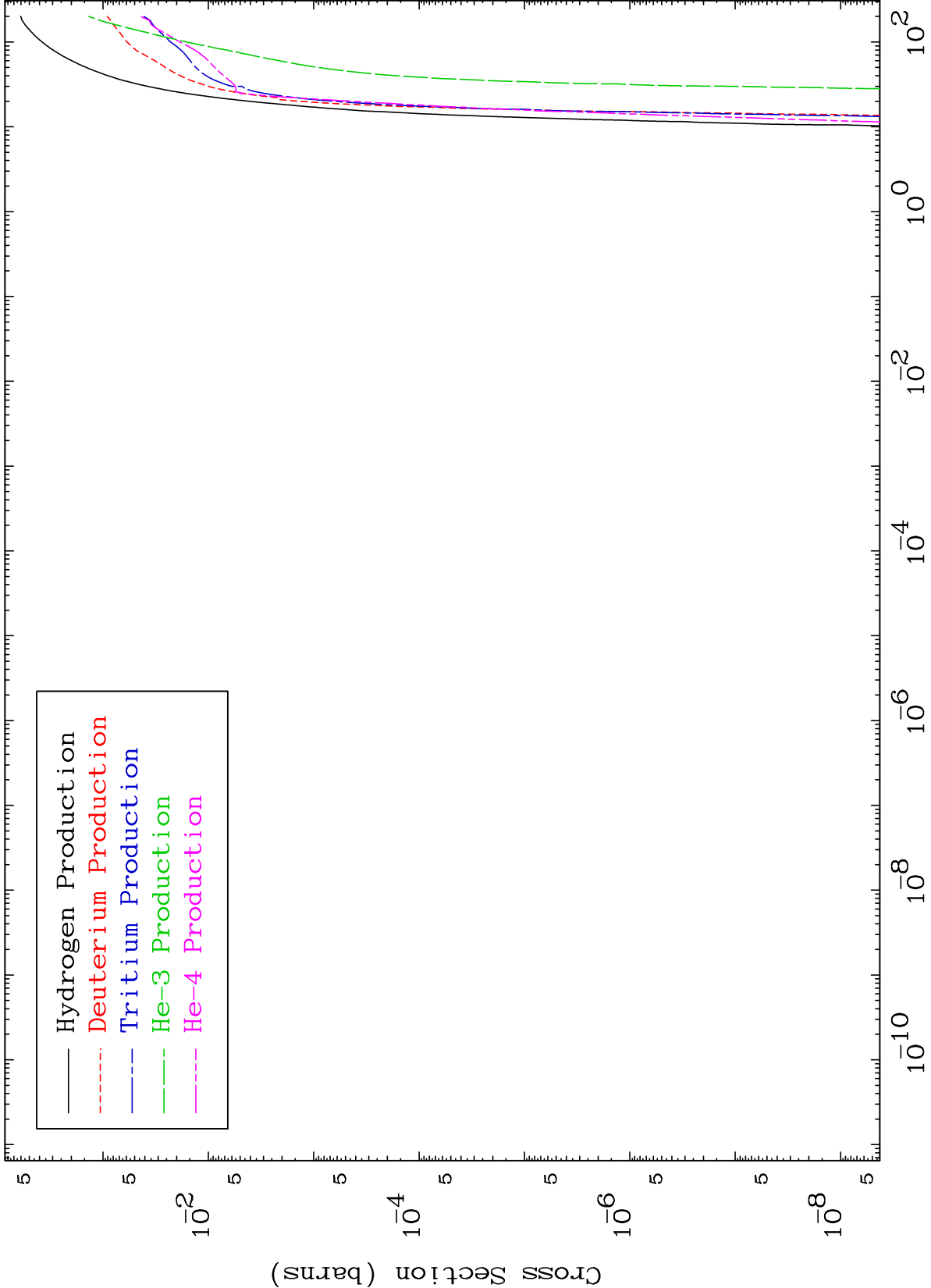










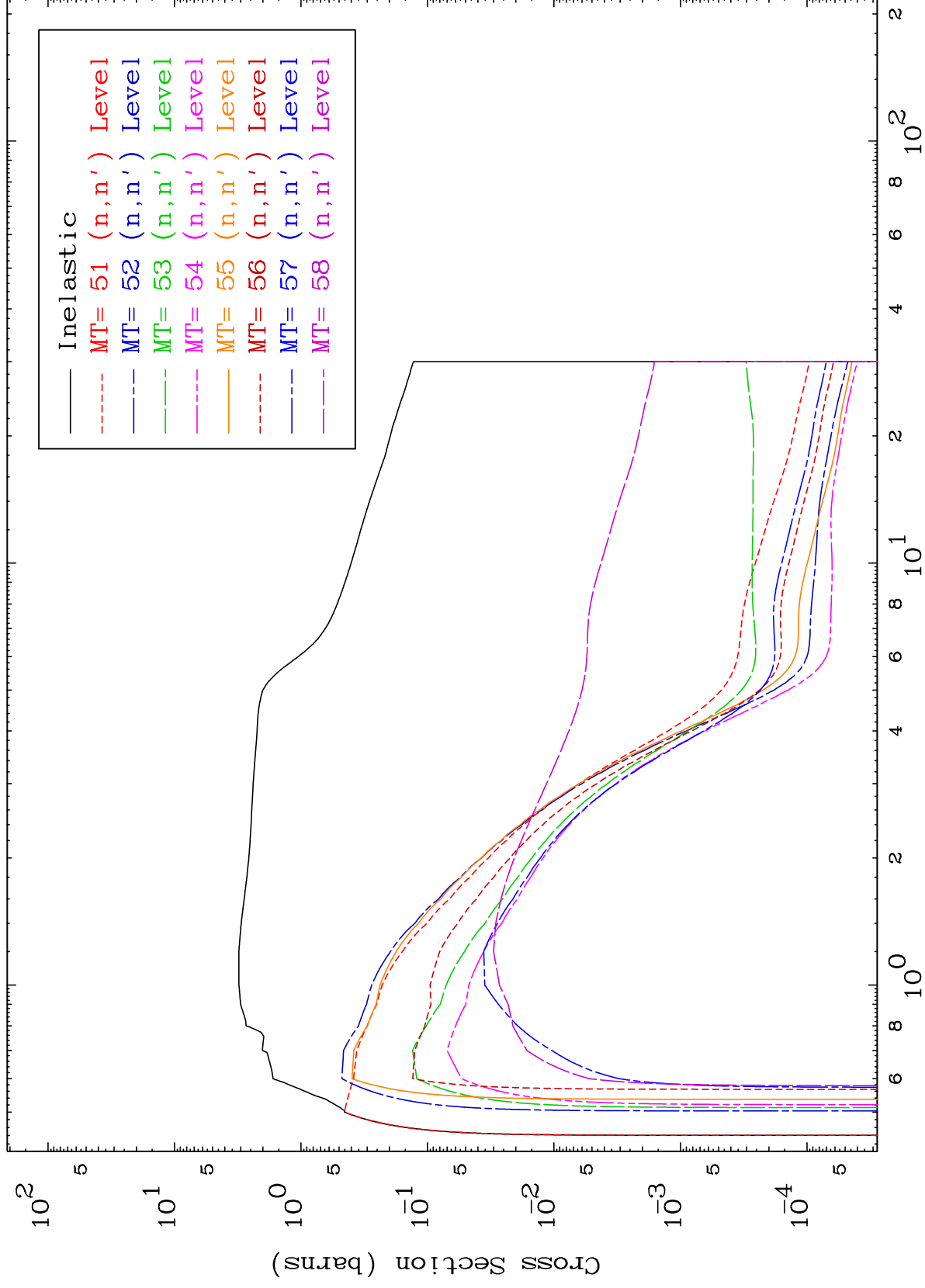


MAT 6282

(n,n') Levels

62-Sm-163

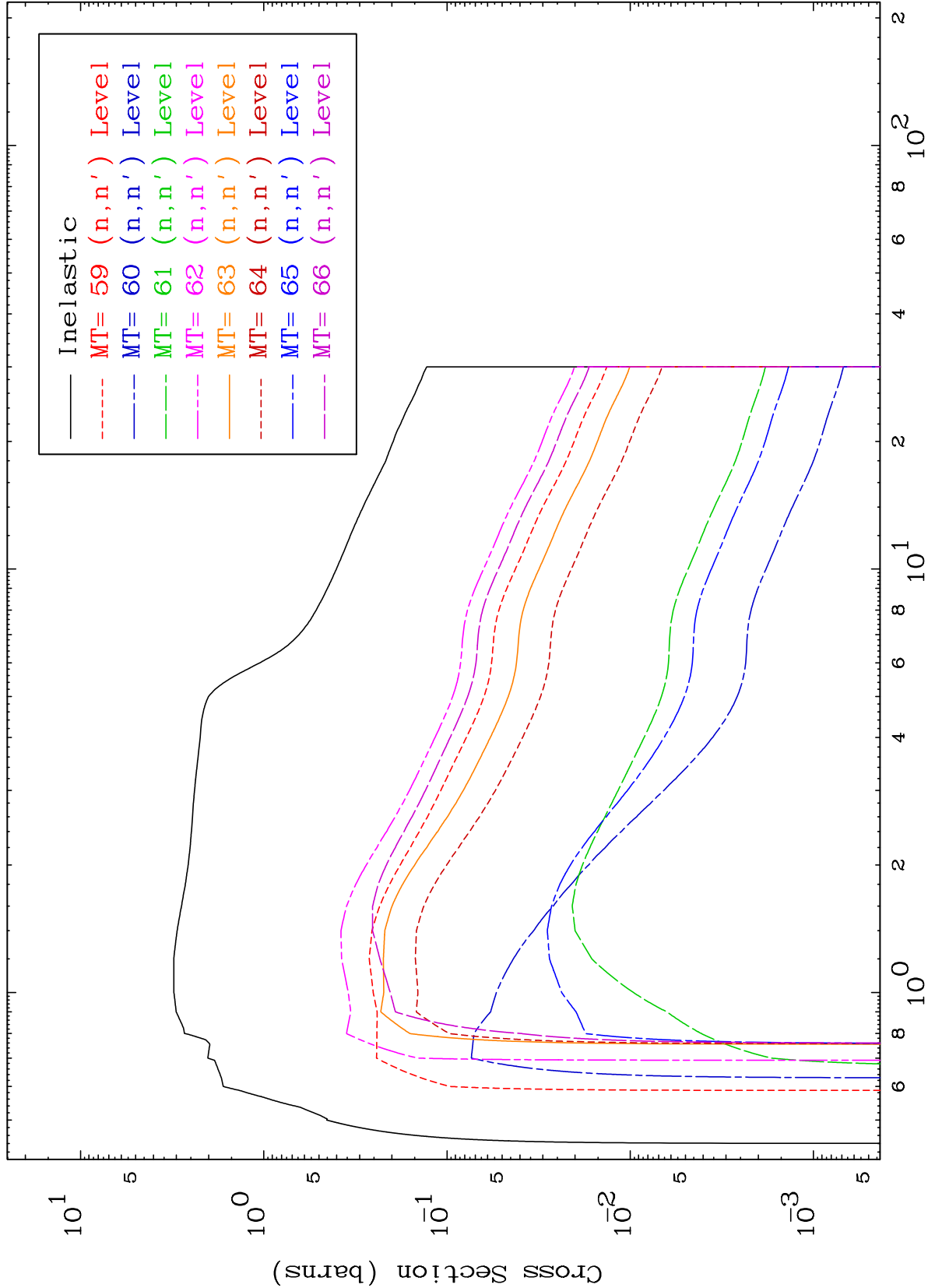
293 Kelvin Cross Sections



8

Incident Energy (MeV)

62-Sm-163

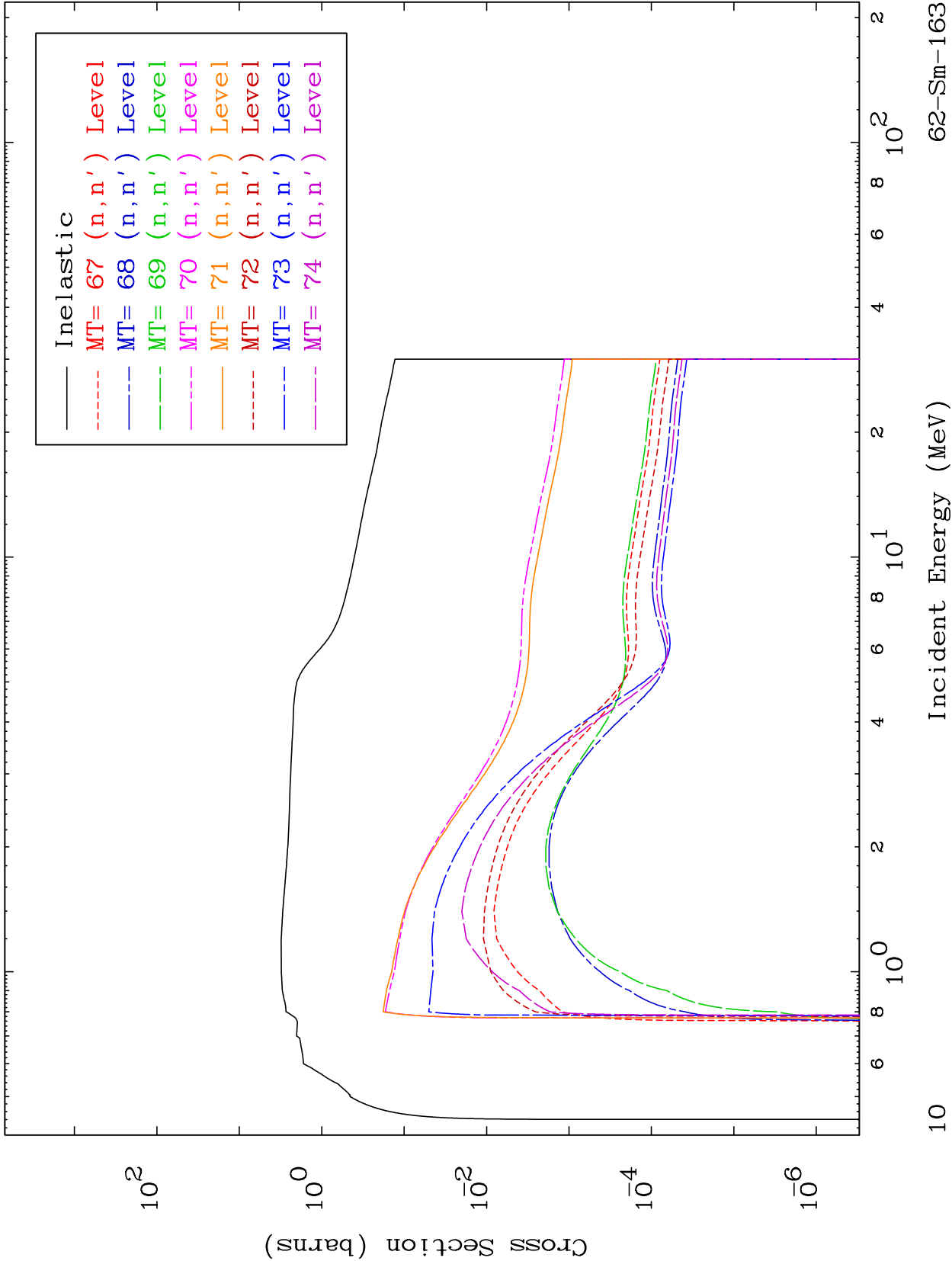


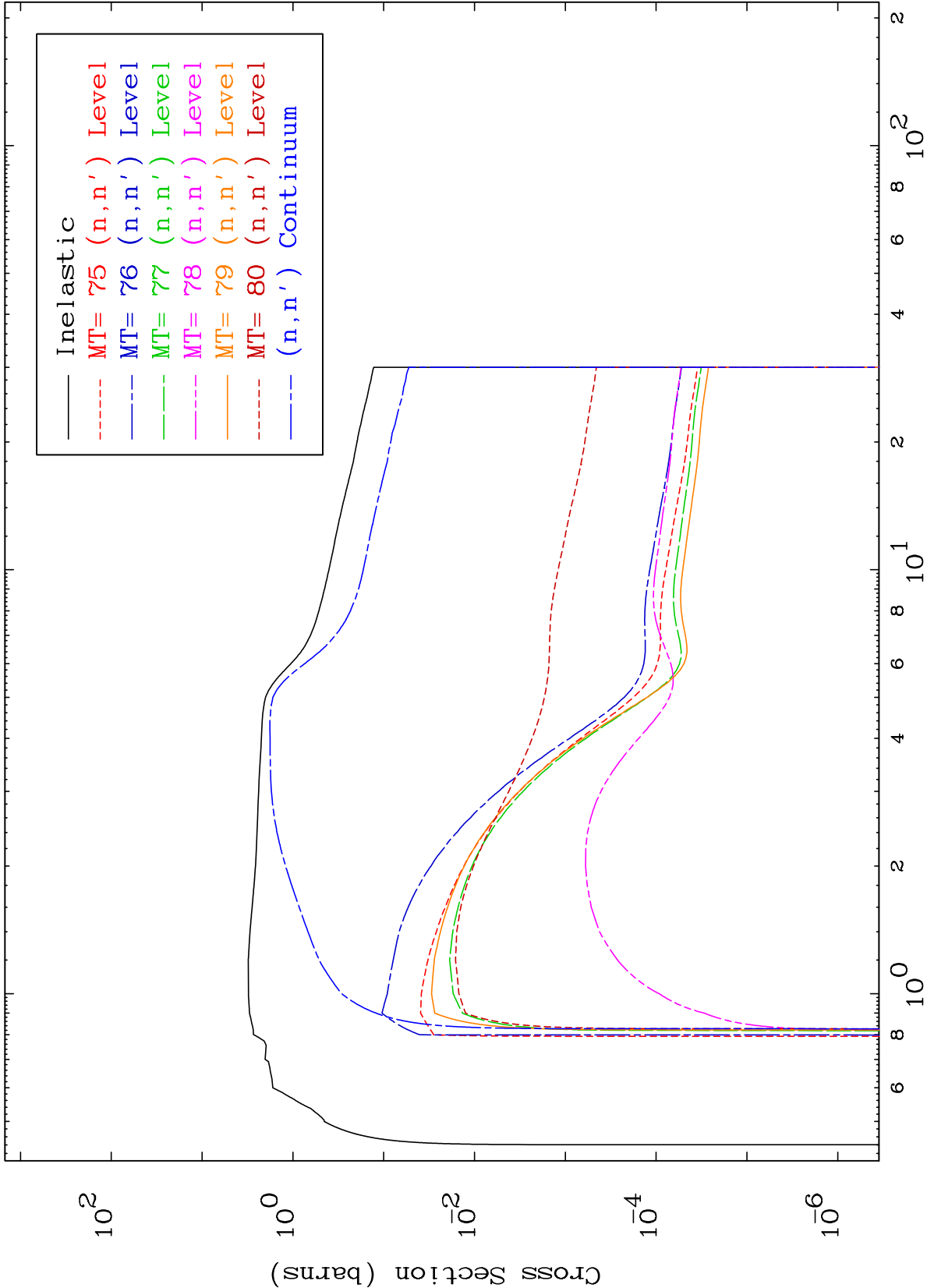
MAT 6282

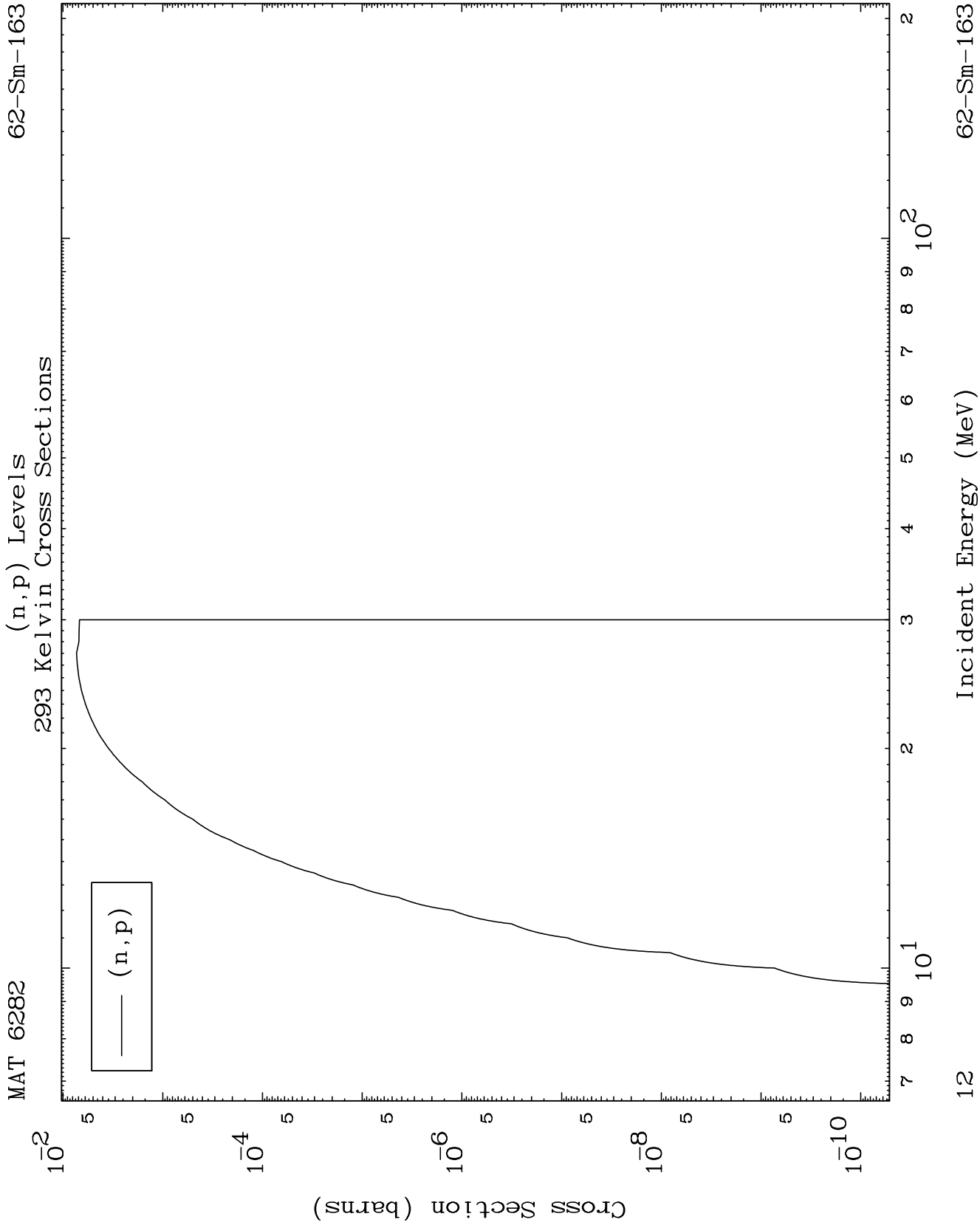
(n,n') Levels

293 Kelvin Cross Sections

62-Sm-163





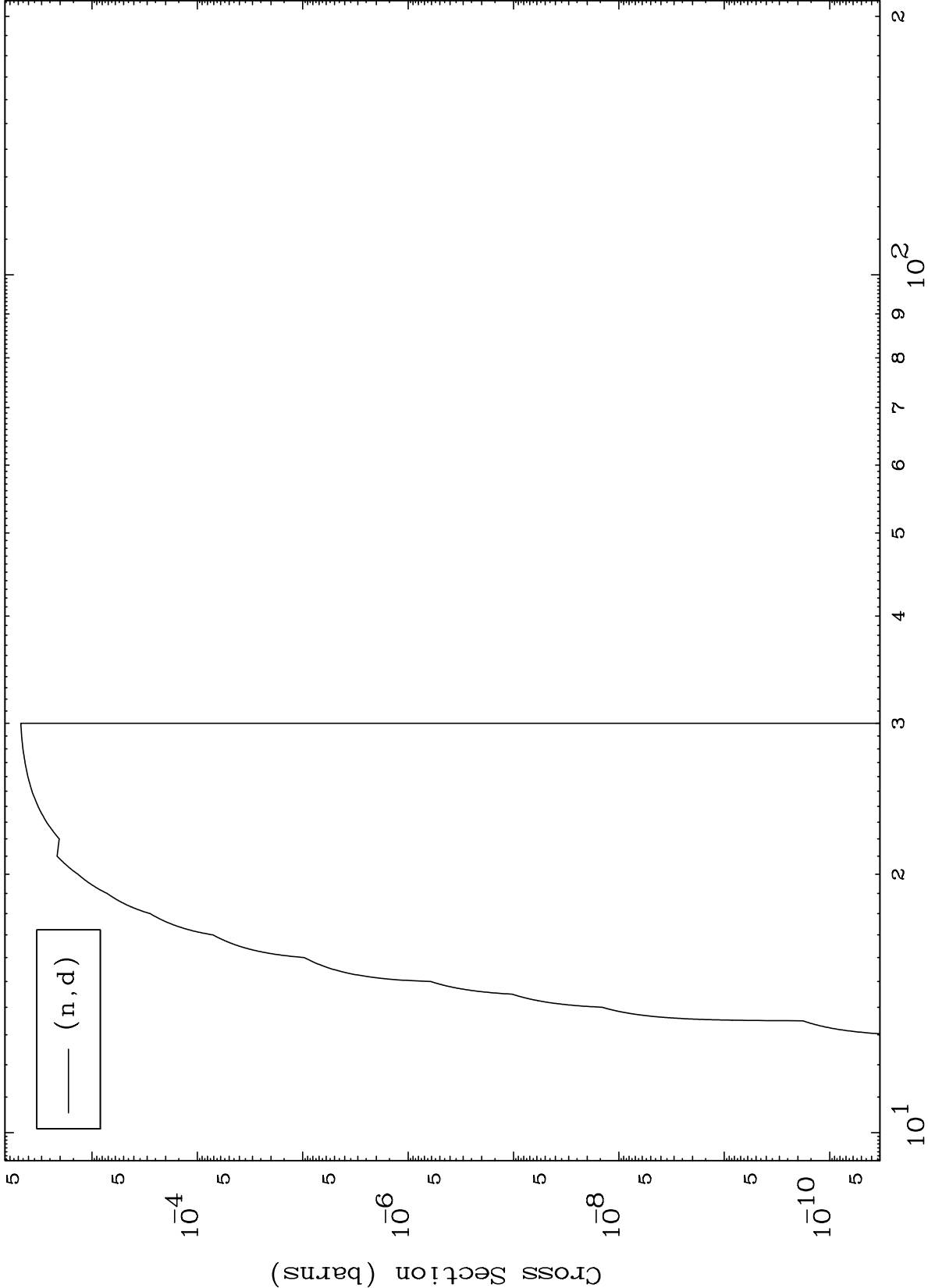


MAT 6282

(n,d) Levels

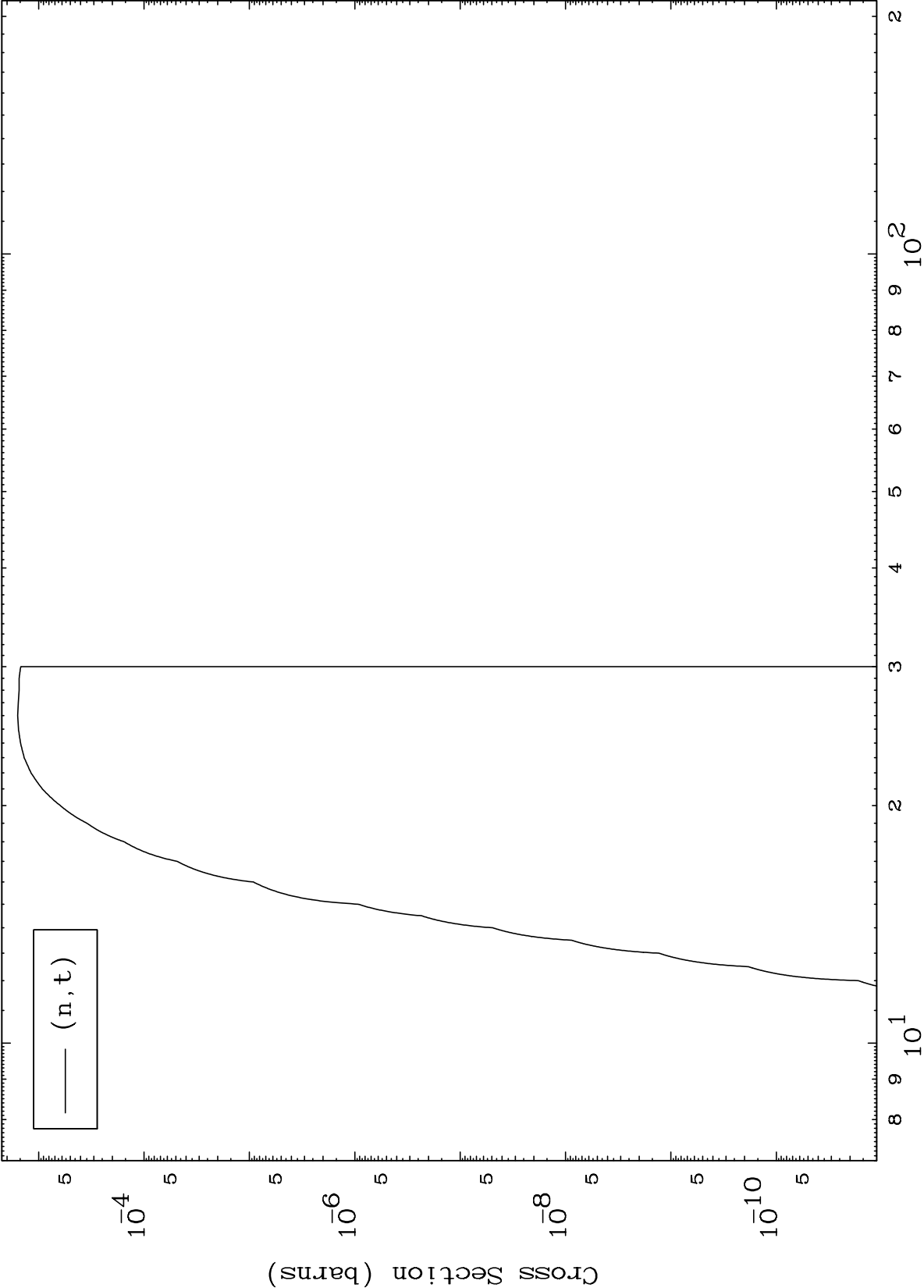
293 Kelvin Cross Sections

62-Sm-163



Incident Energy (MeV)

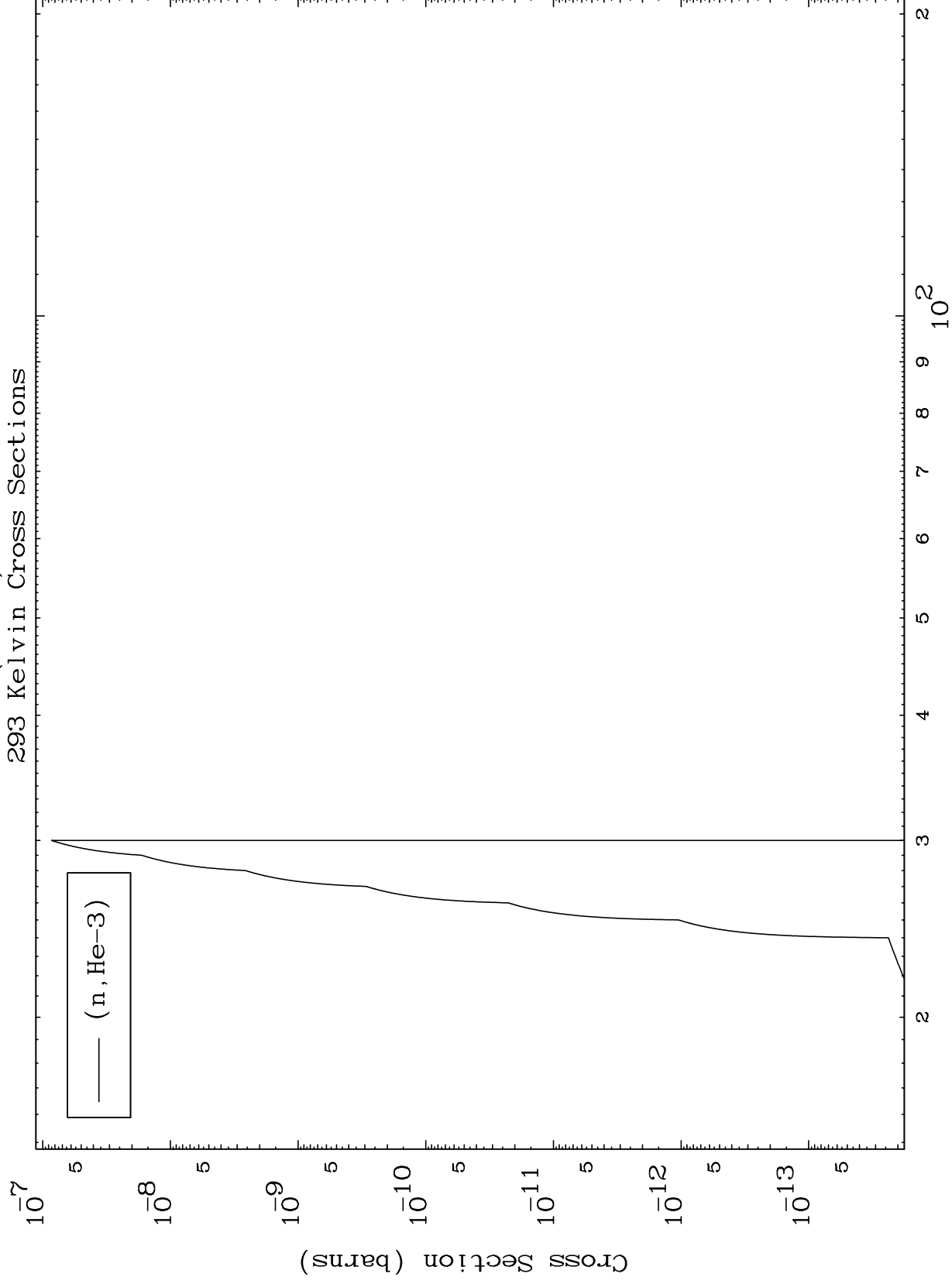
62-Sm-163



MAT 6282

62-Sm-163

(n,He3) Levels
293 Kelvin Cross Sections



15

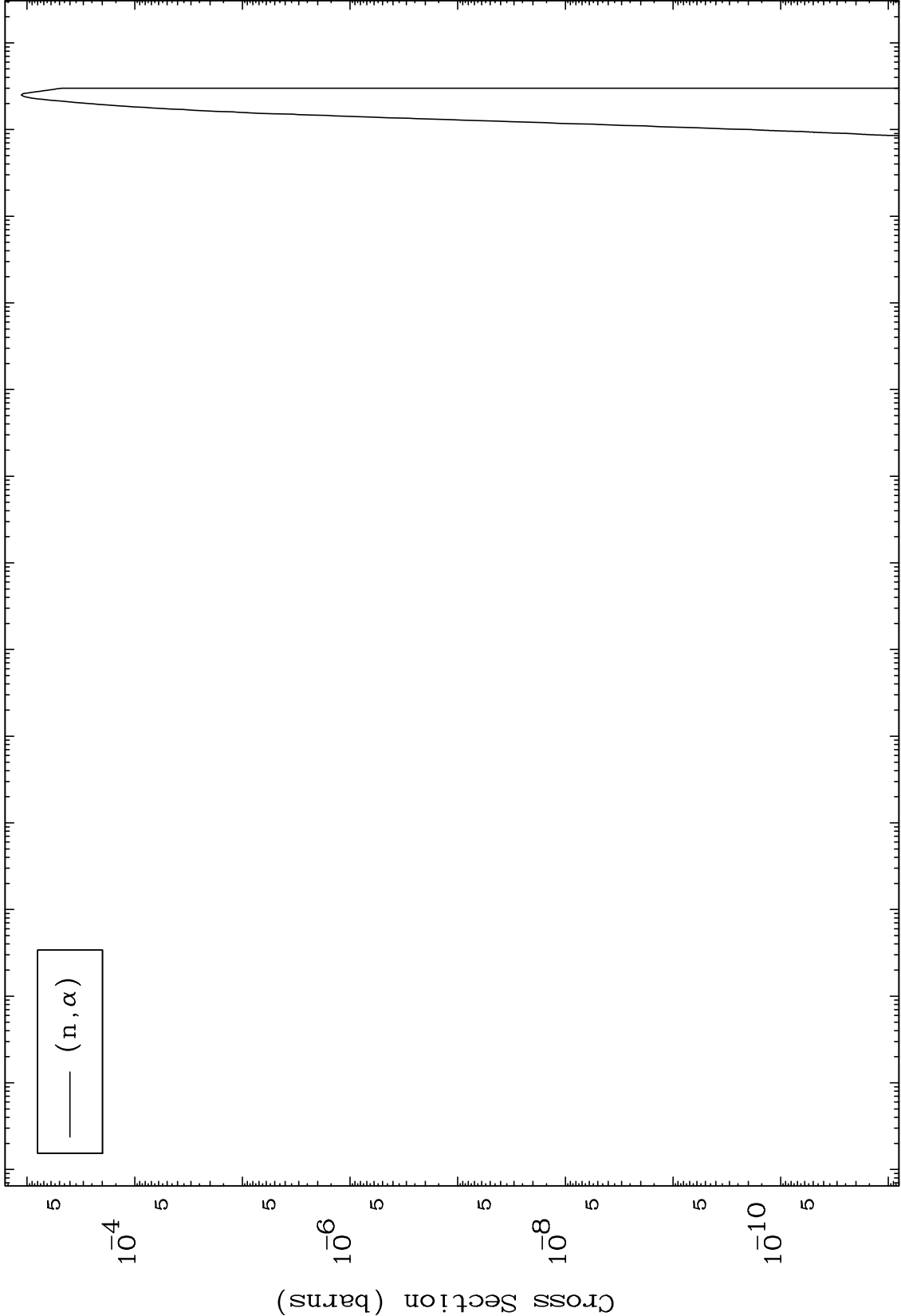
Incident Energy (MeV)

62-Sm-163

MAT 6282

(n, α) Levels
293 Kelvin Cross Sections

62-Sm-163



16

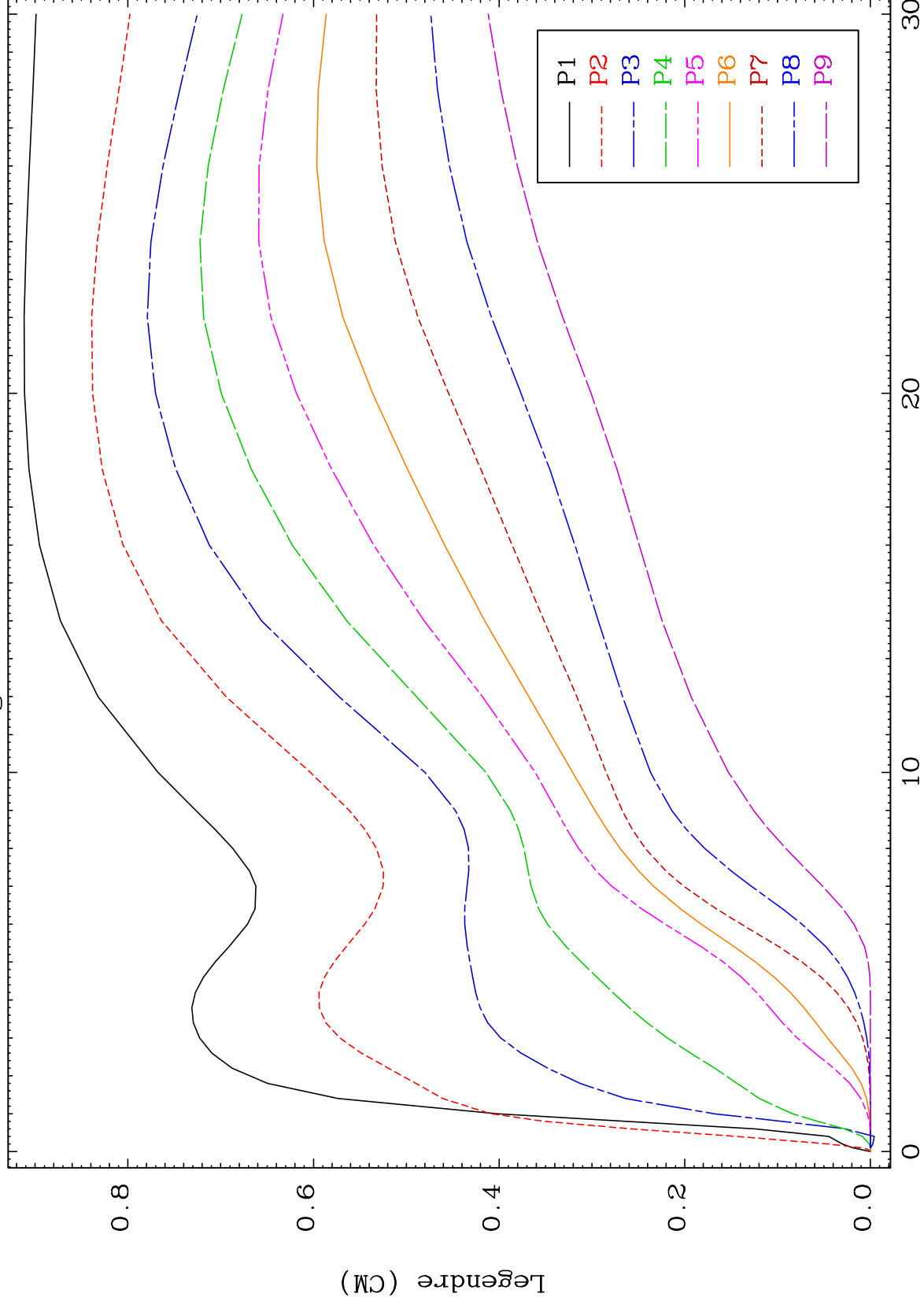
Incident Energy (MeV)

62-Sm-163

MAT 6282

62-Sm-163

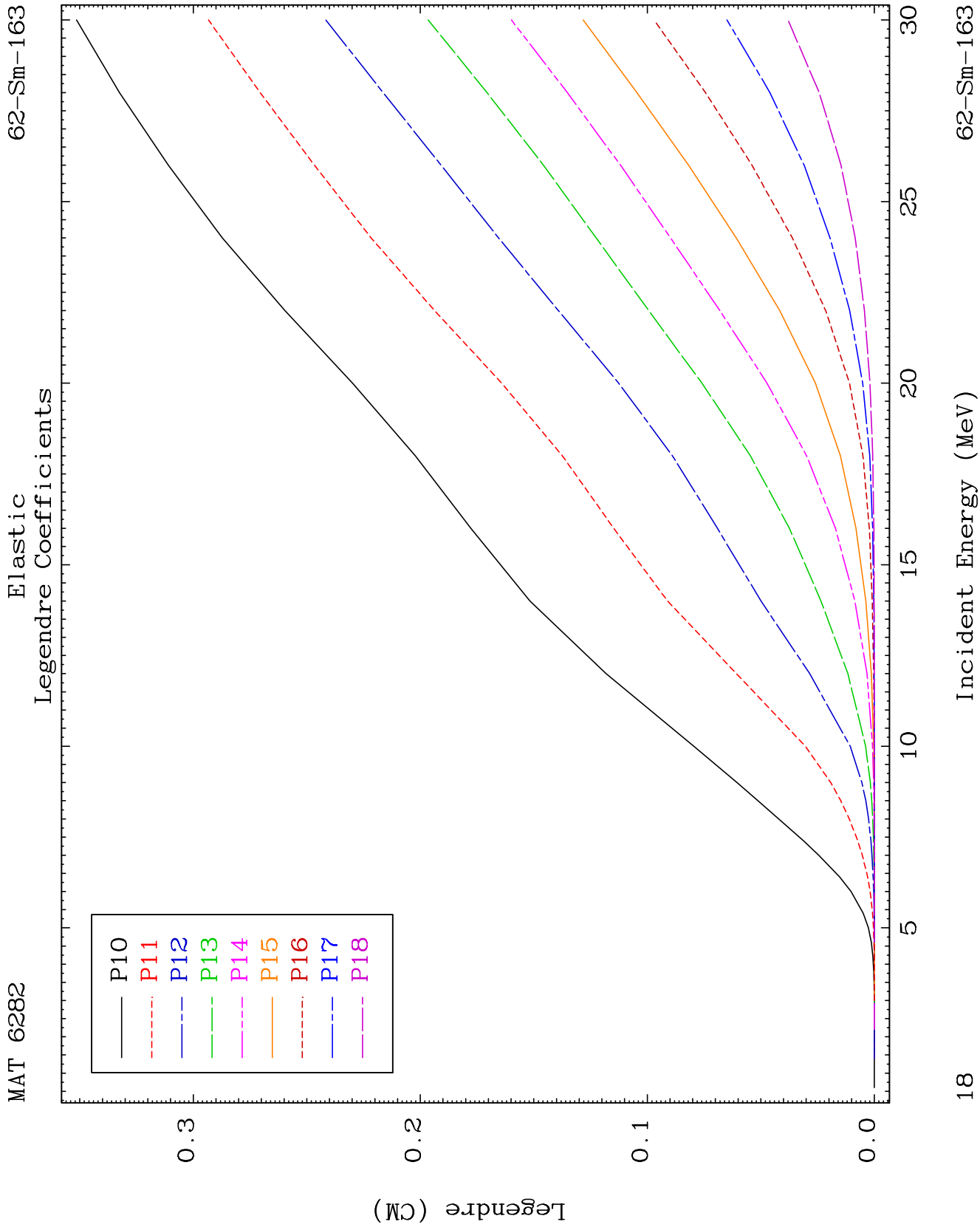
Elastic Legendre Coefficients

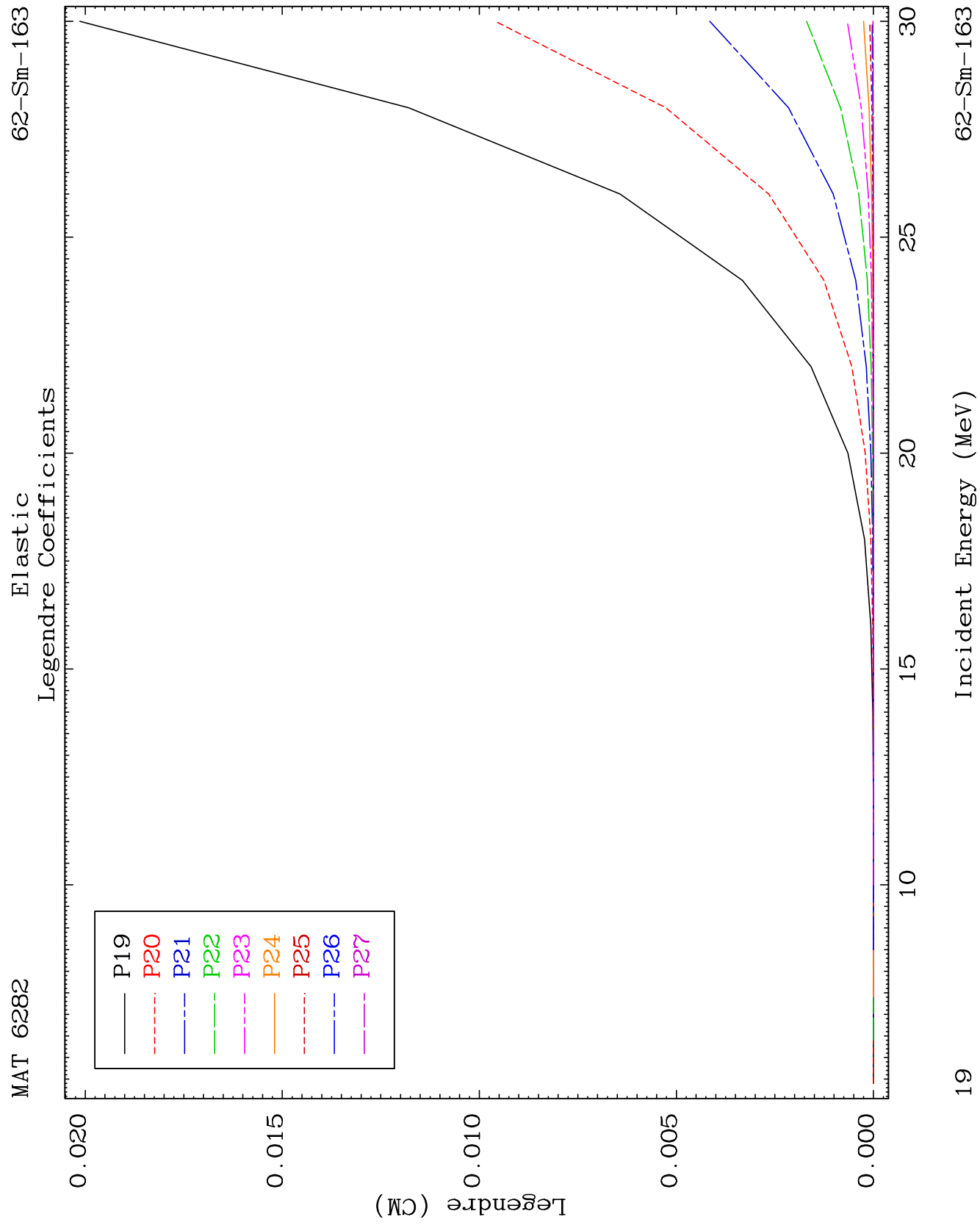


21

Incident Energy (MeV)

62-Sm-163

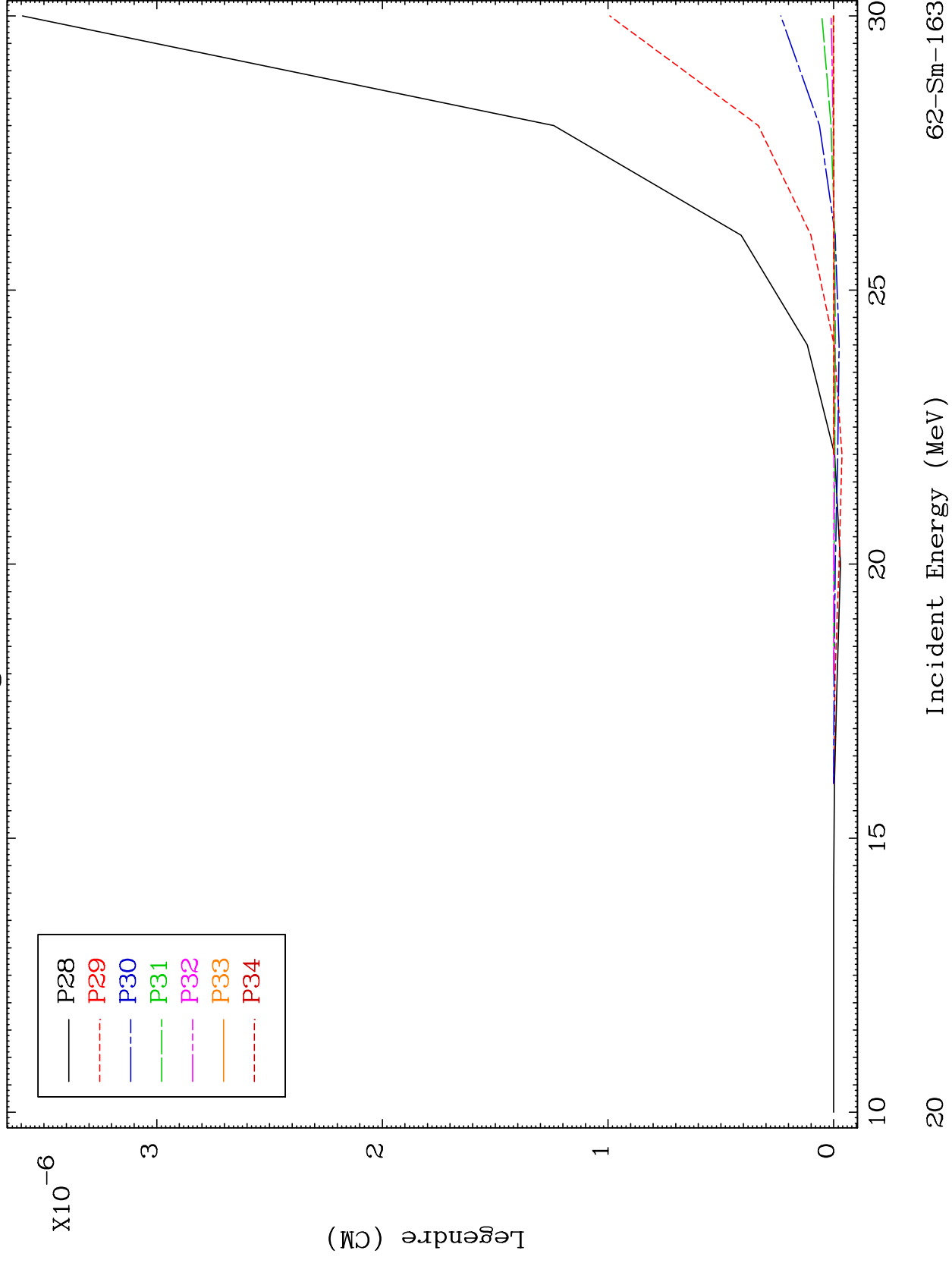


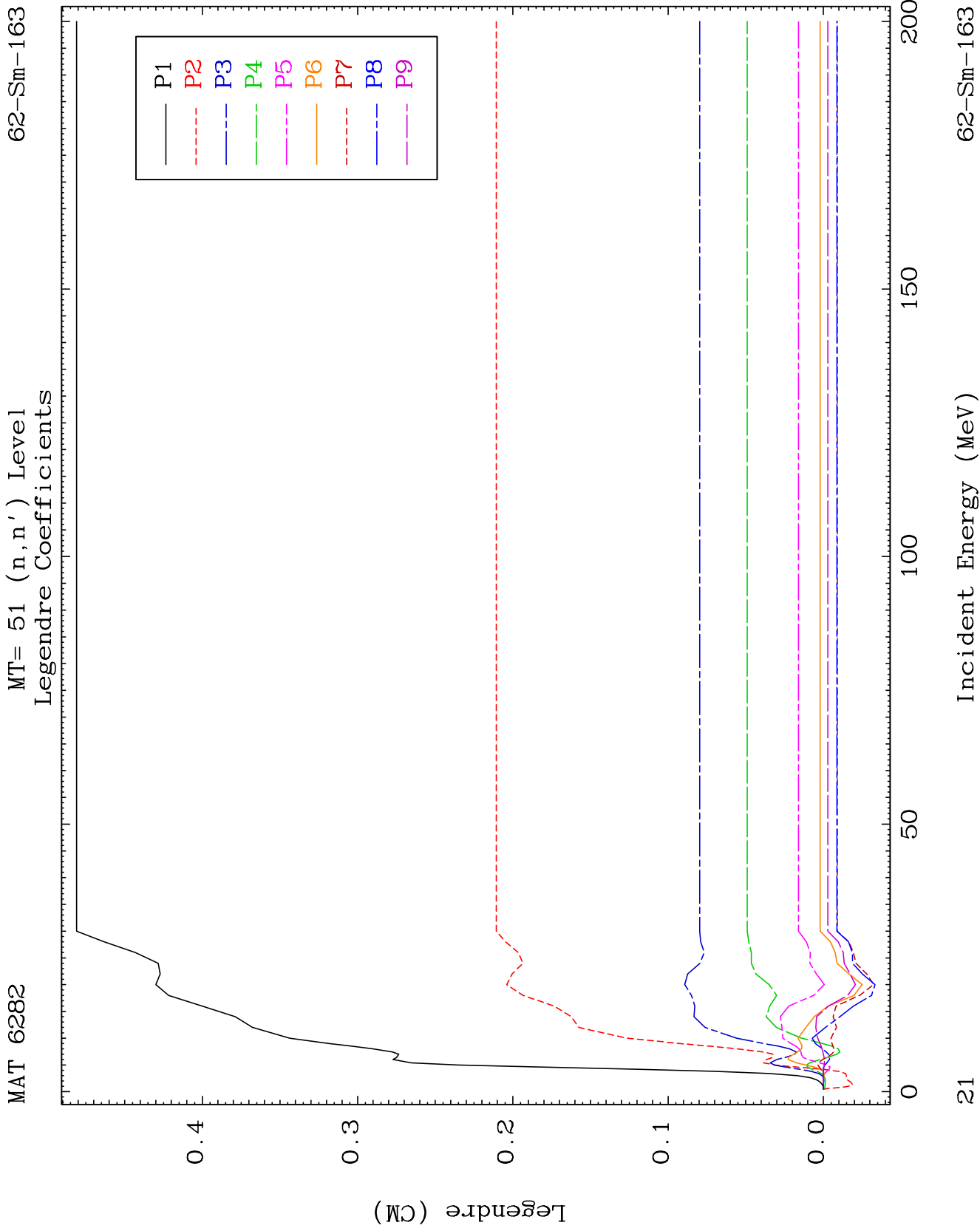


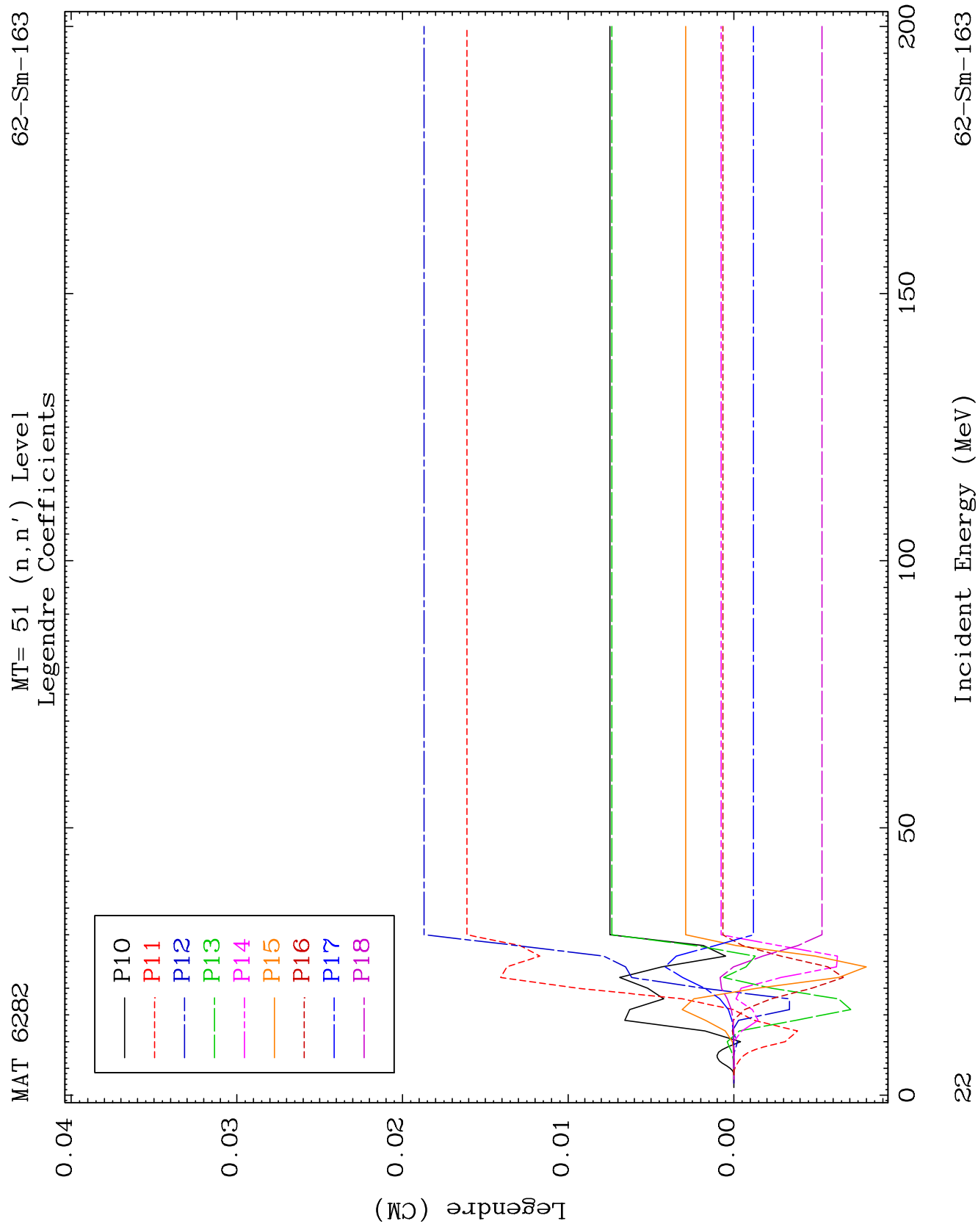
MAT 6282

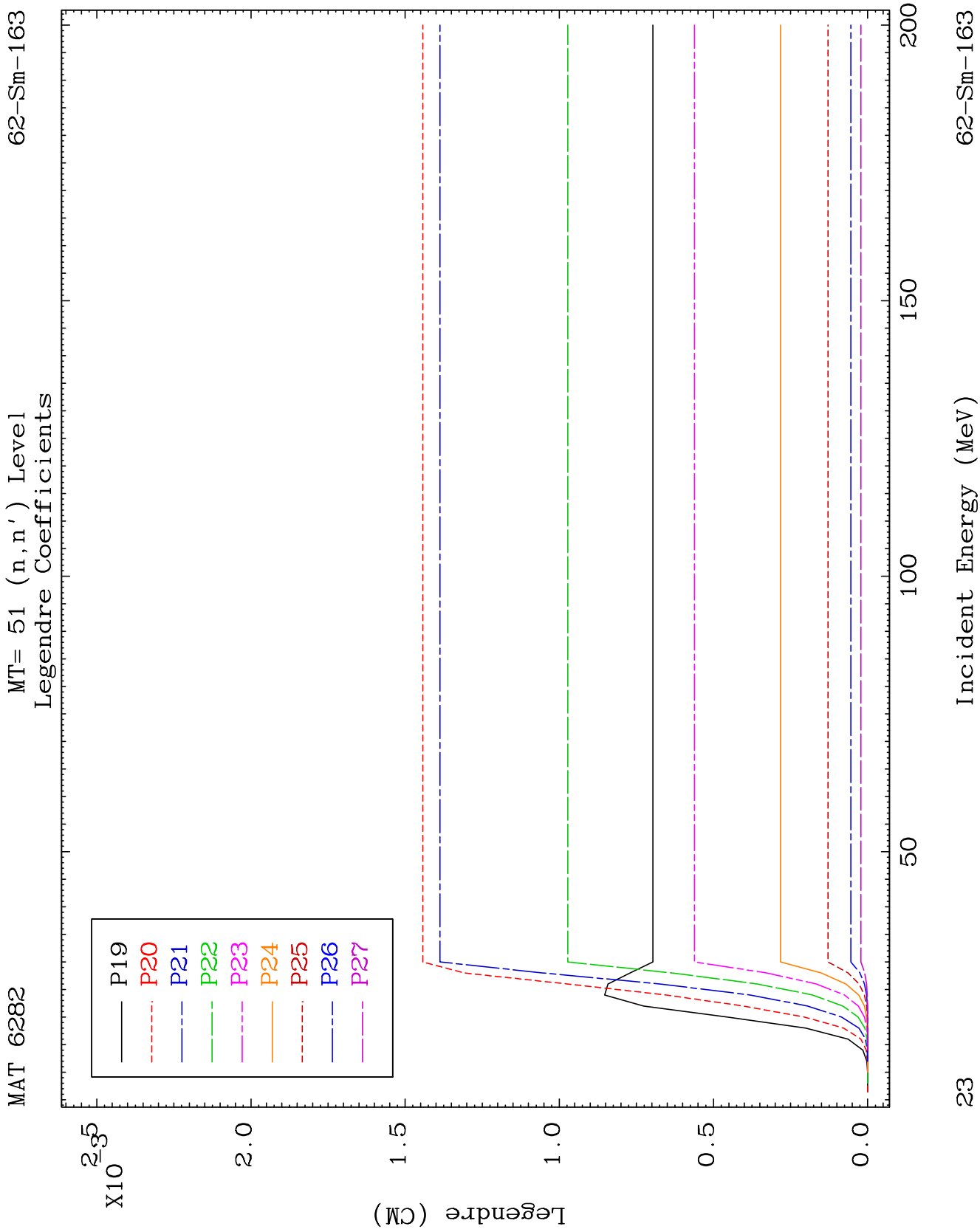
Elastic Legendre Coefficients

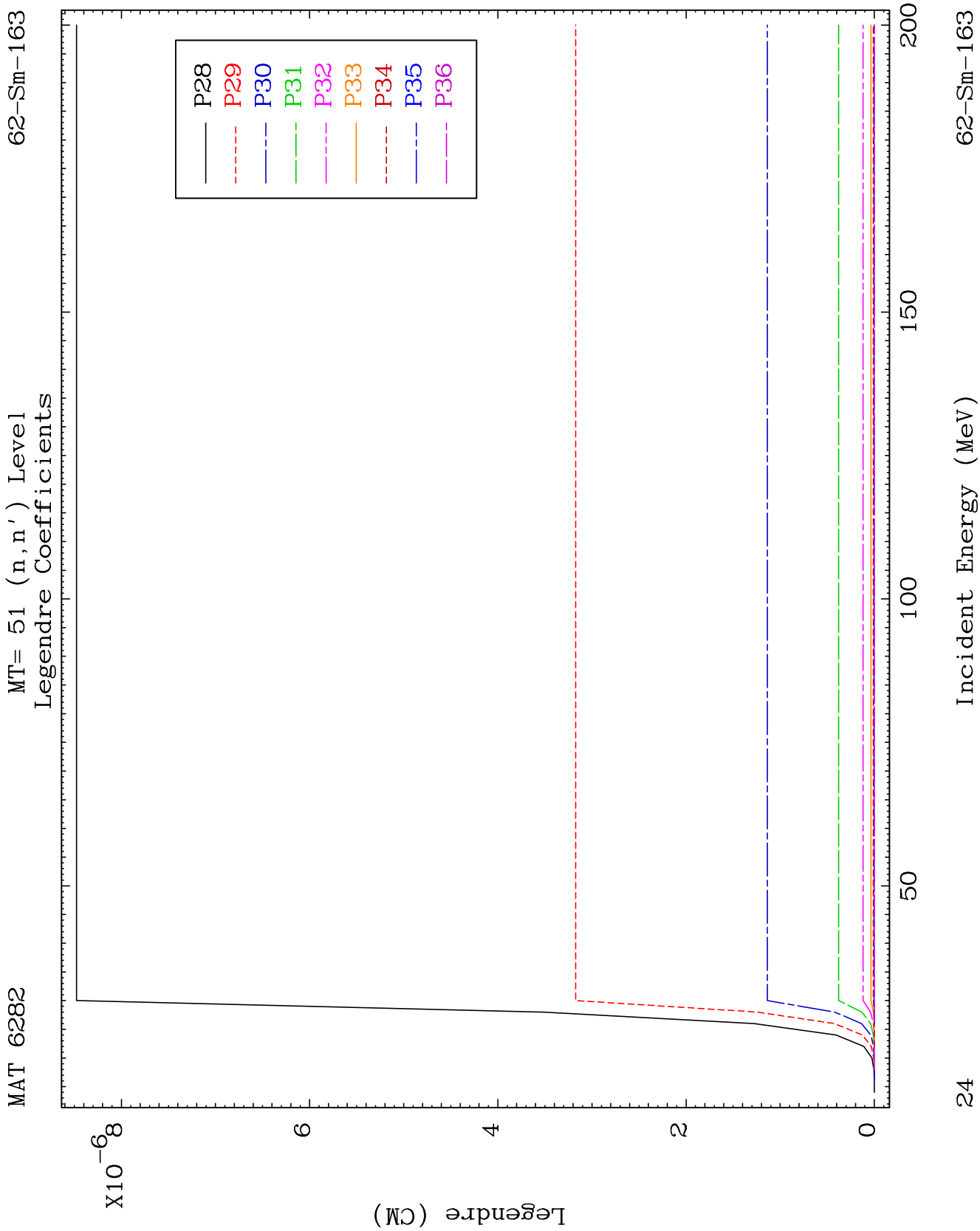
62-Sm-163







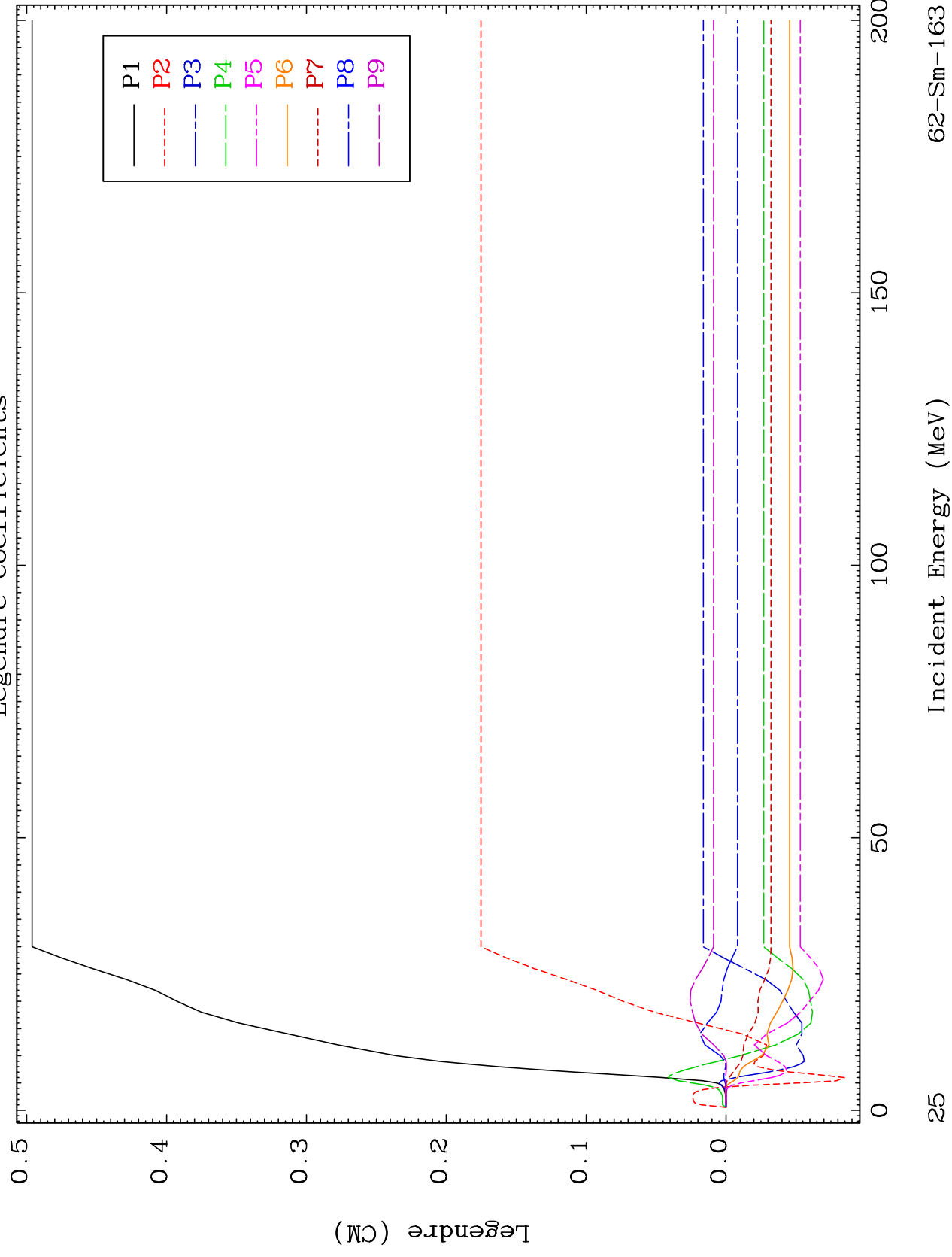




MAT 6282

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

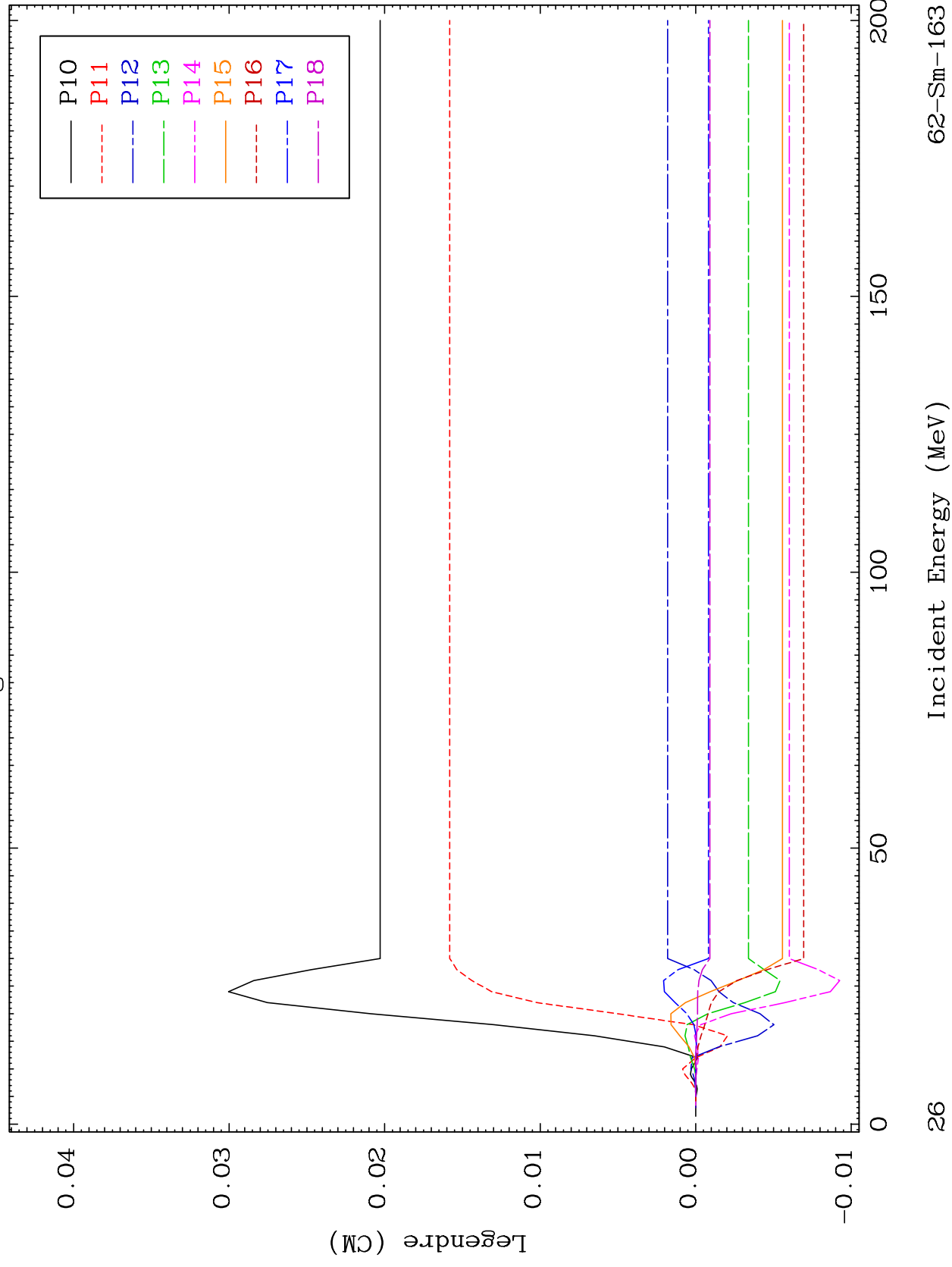
62-Sm-163

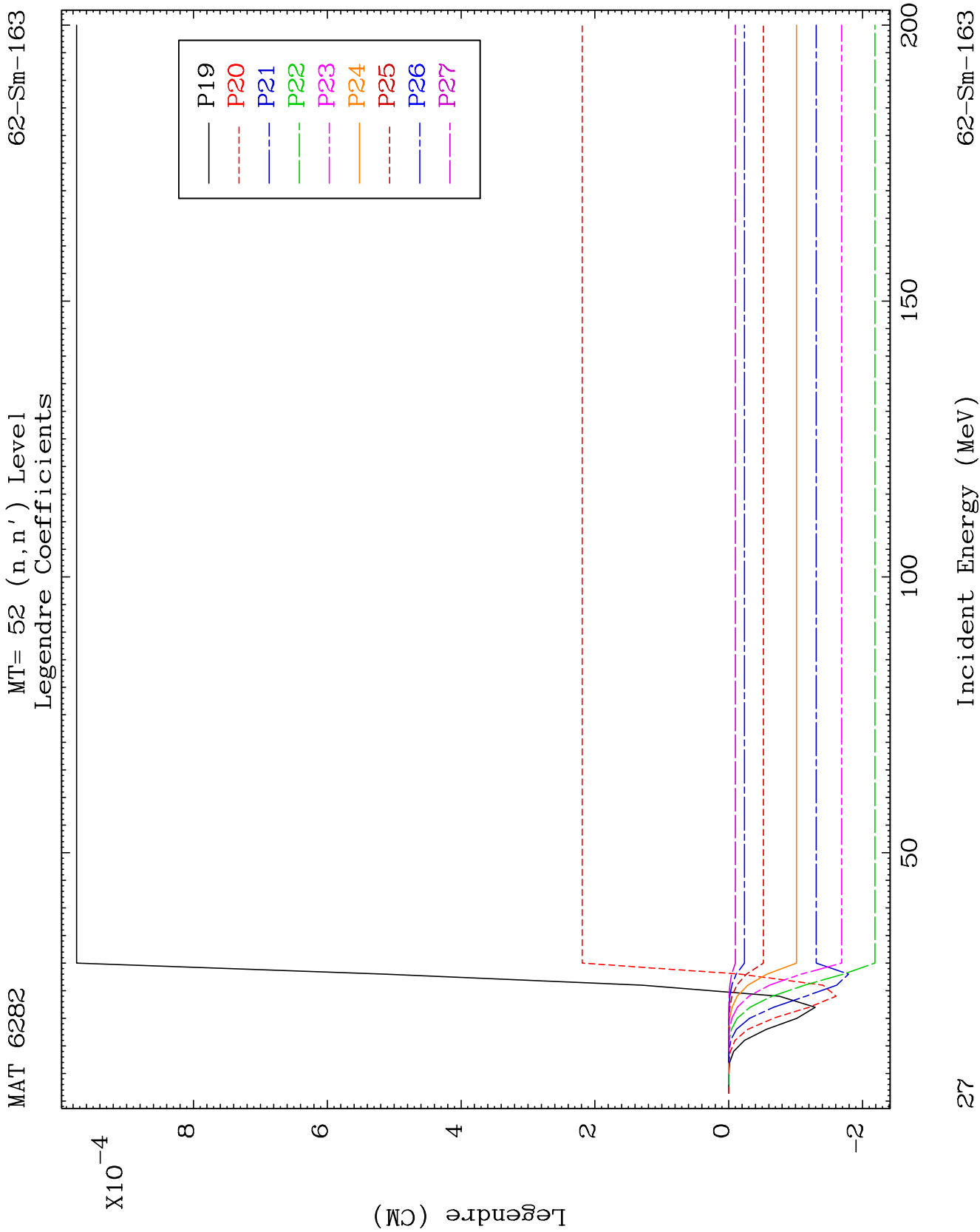


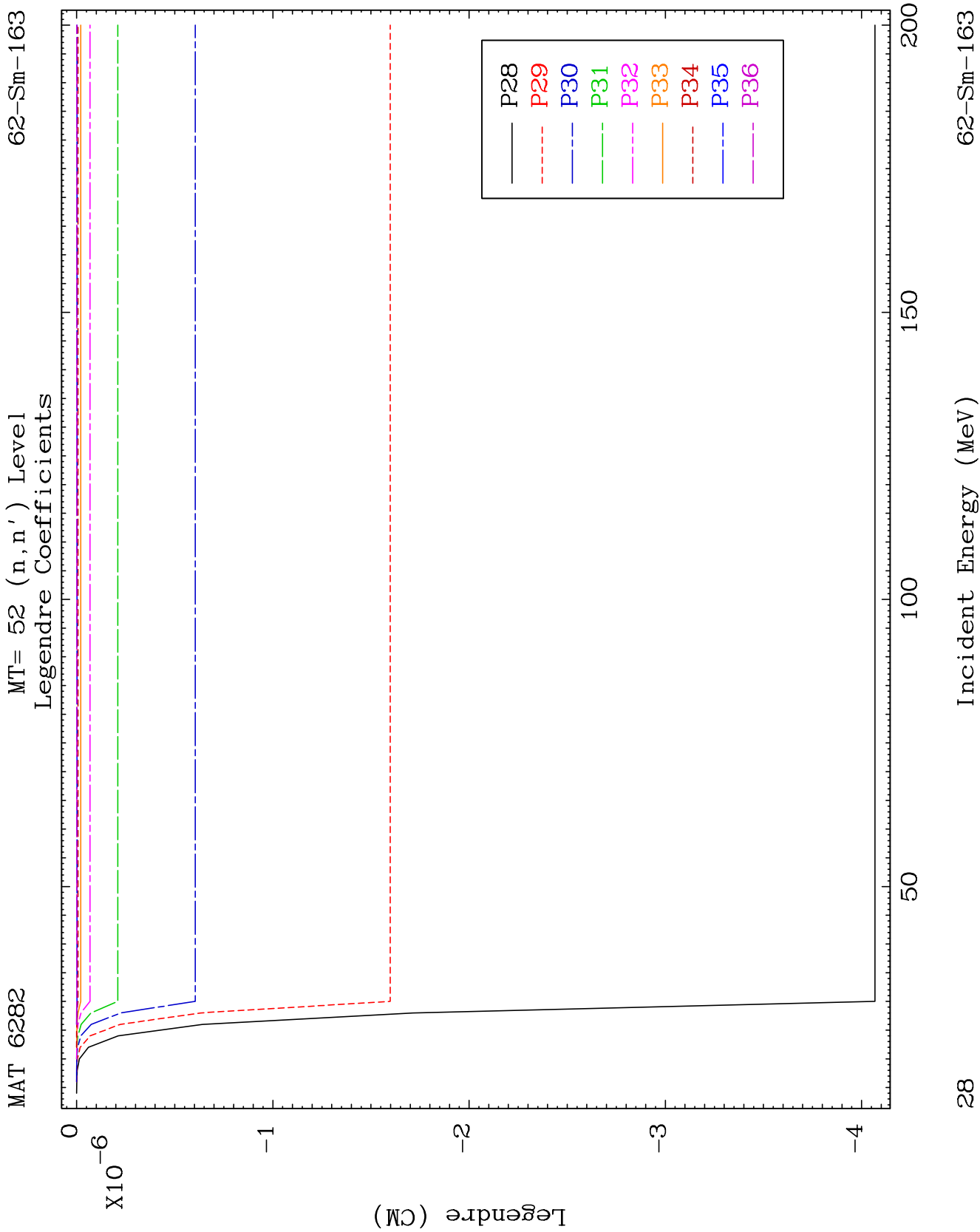
MAT 6282

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

62-Sm-163



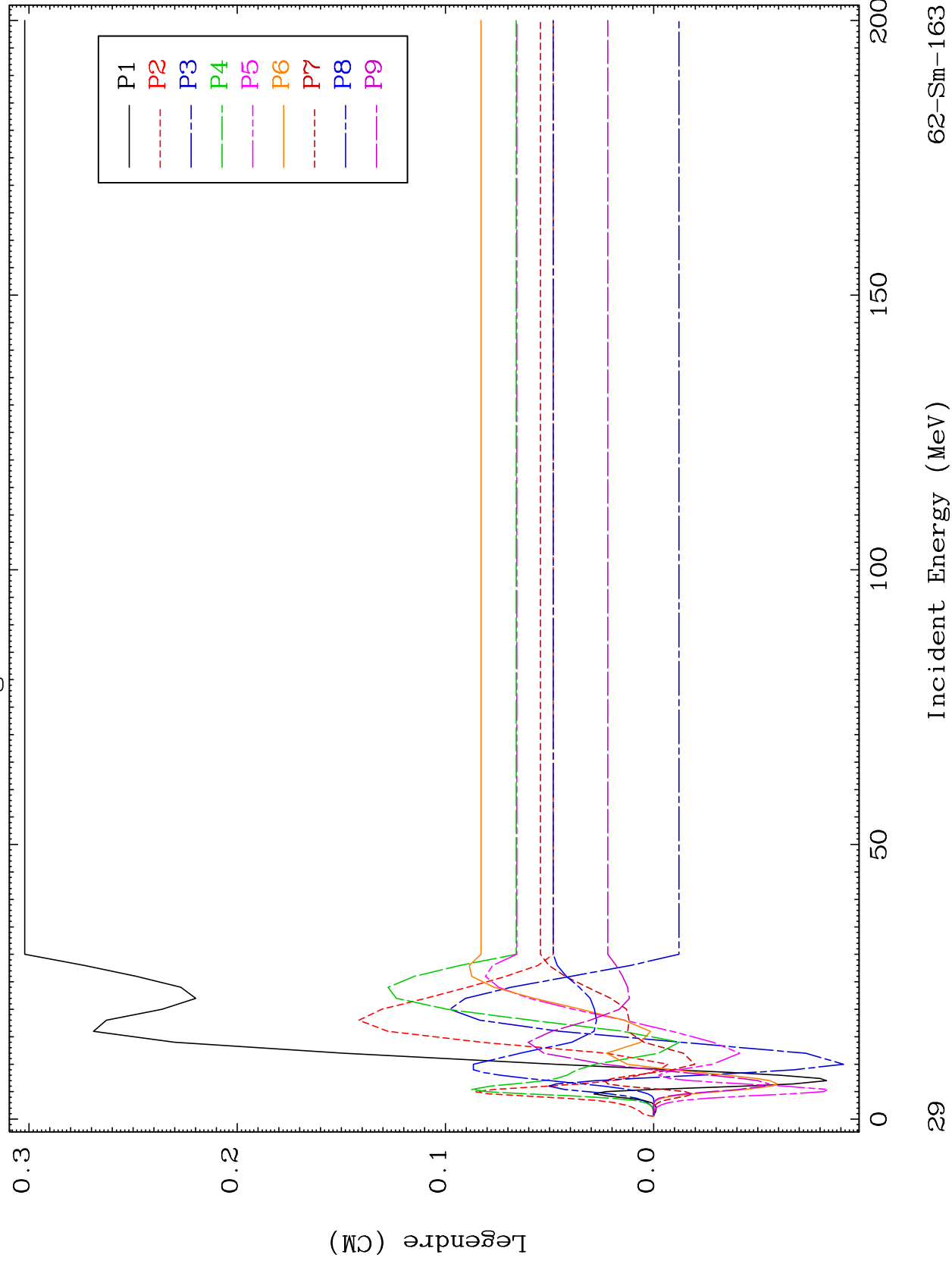


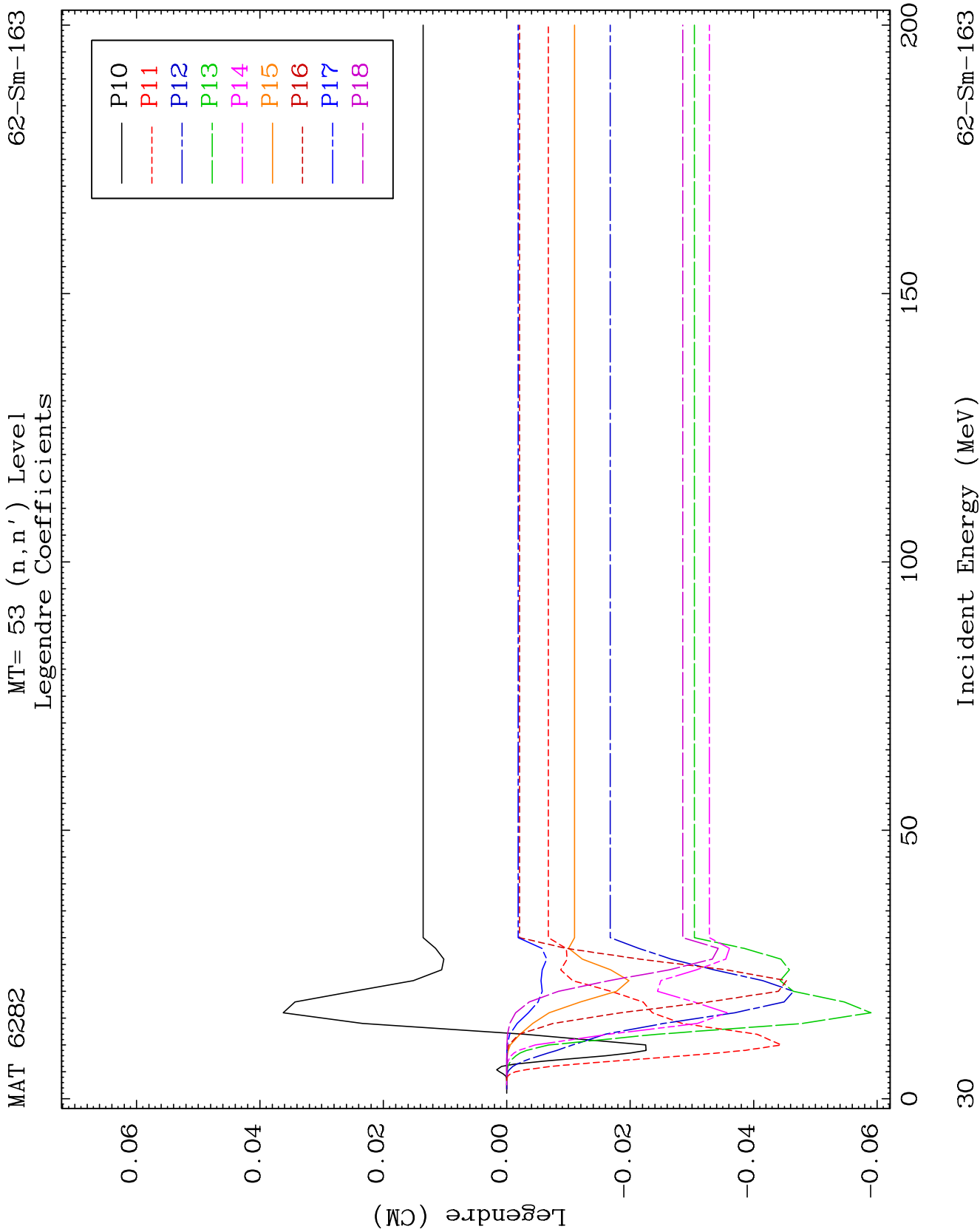


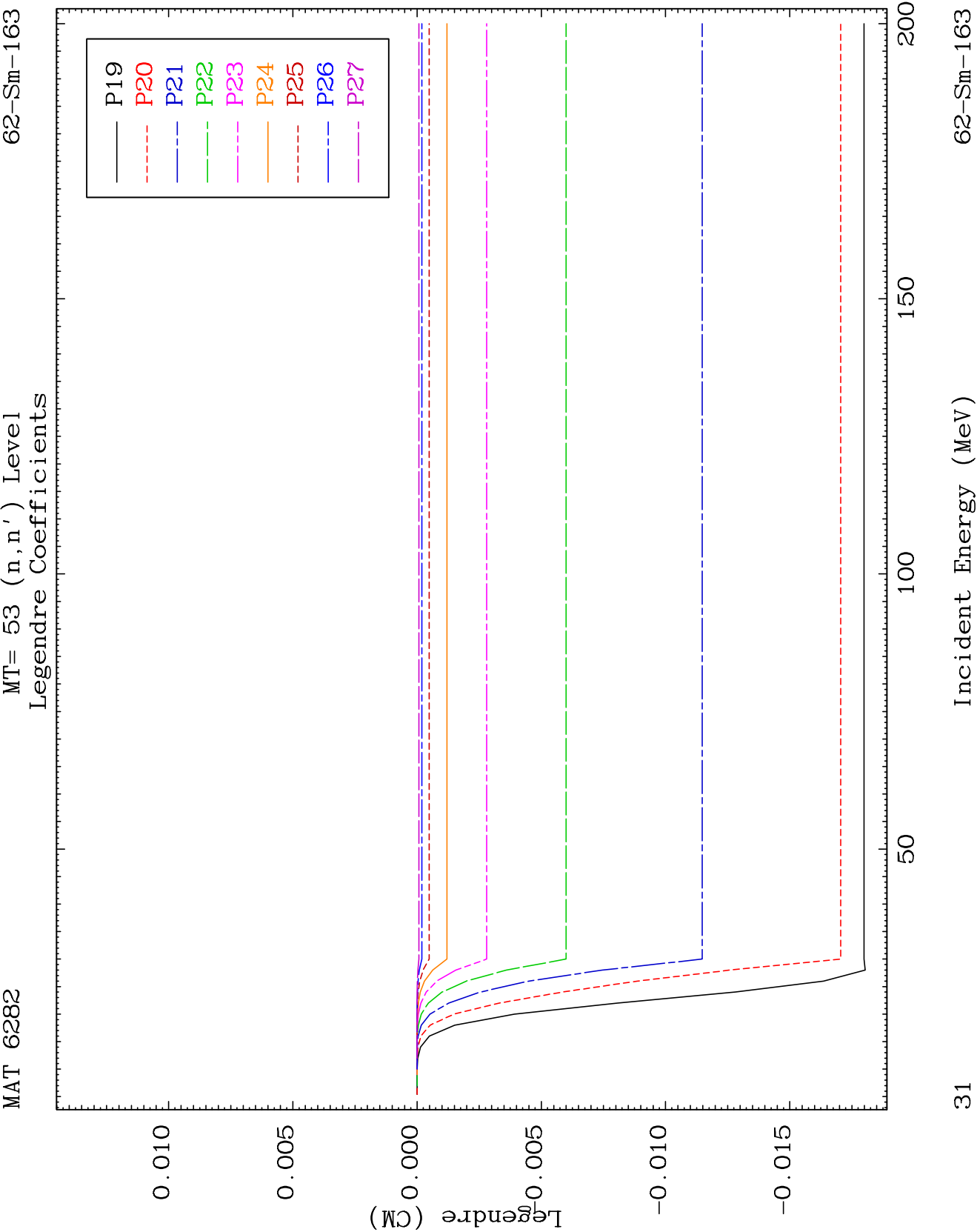
MAT 6282

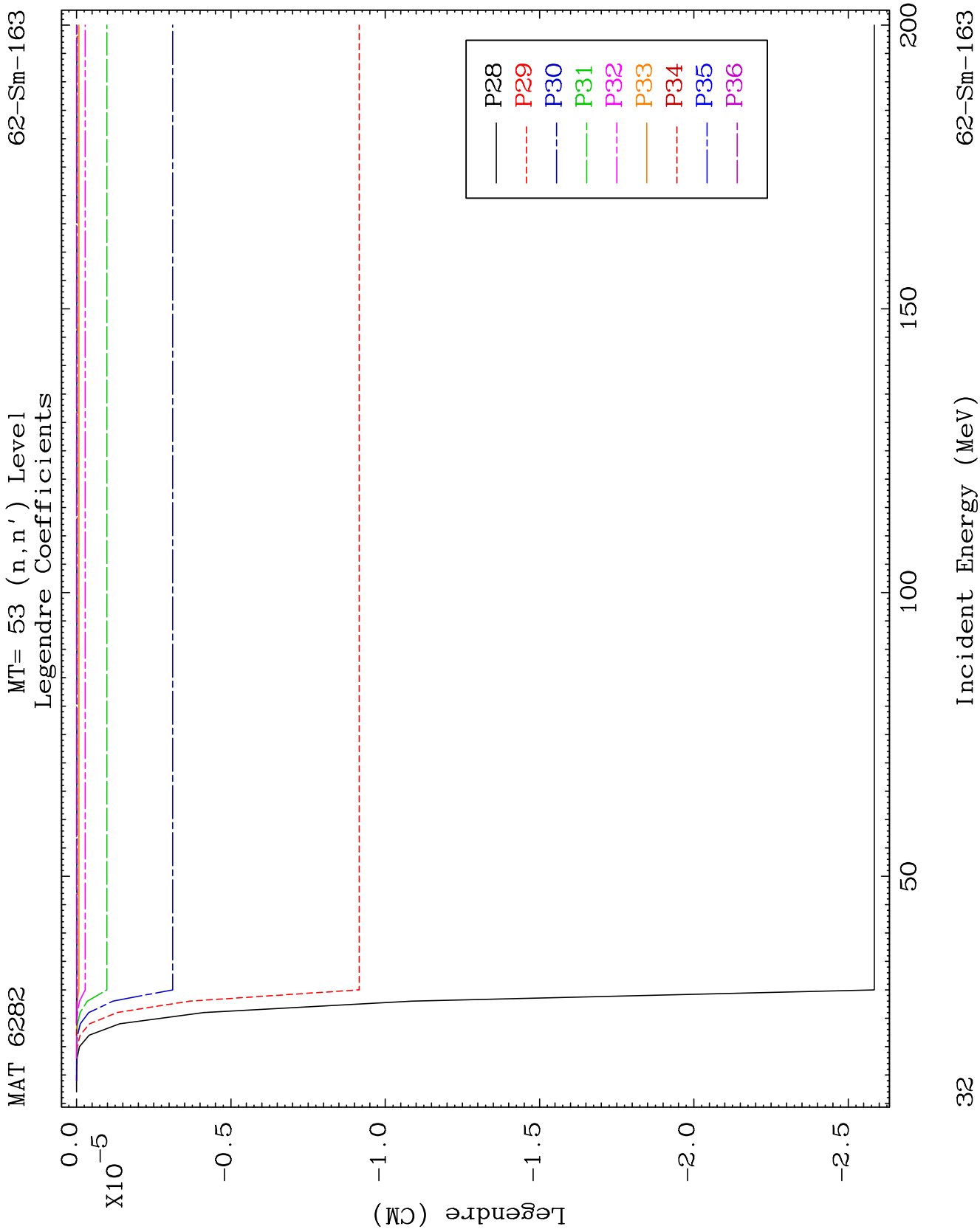
MT= 53 (n, n') Level
Legendre Coefficients

62-Sm-163





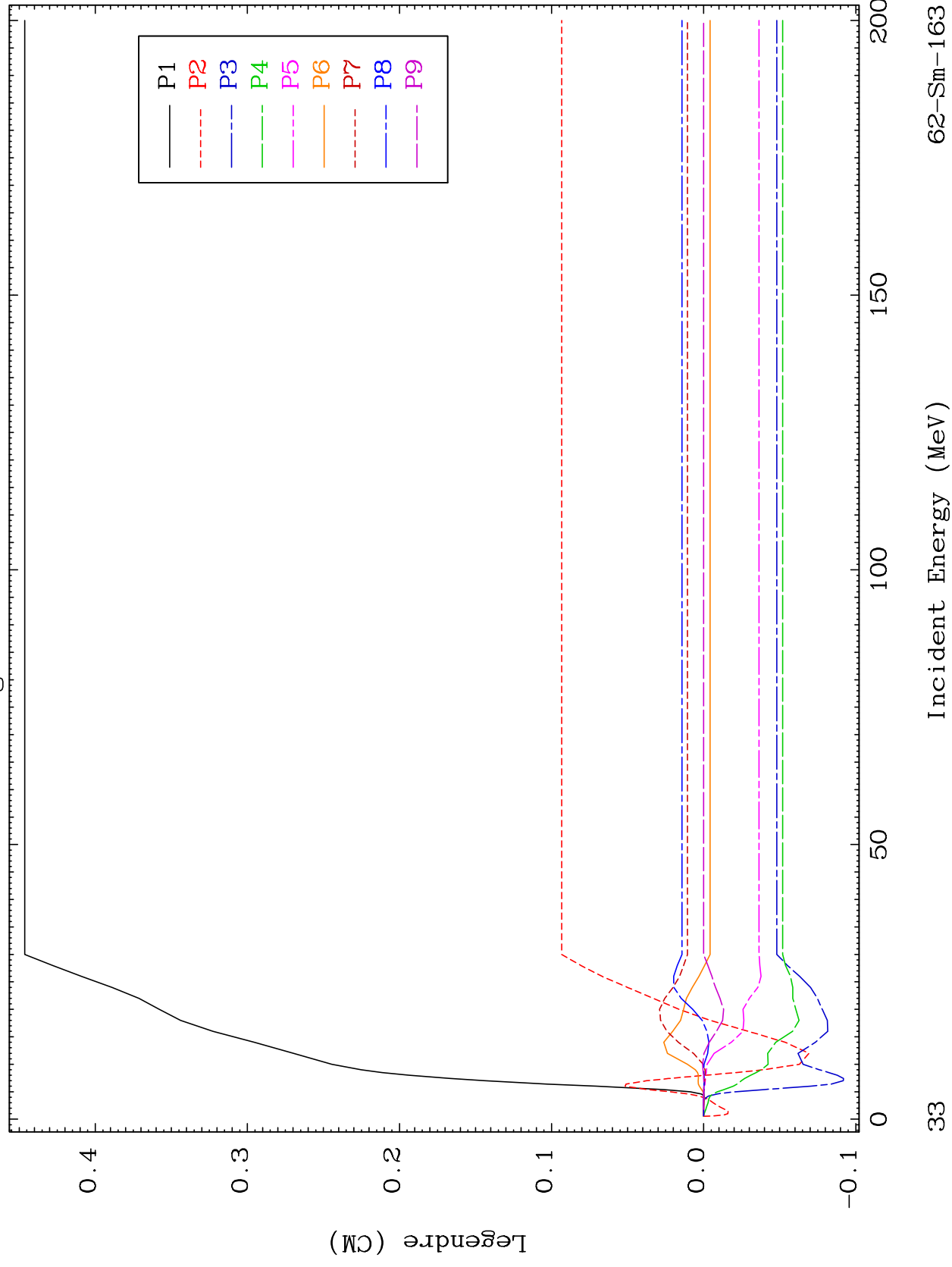




MAT 6282

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

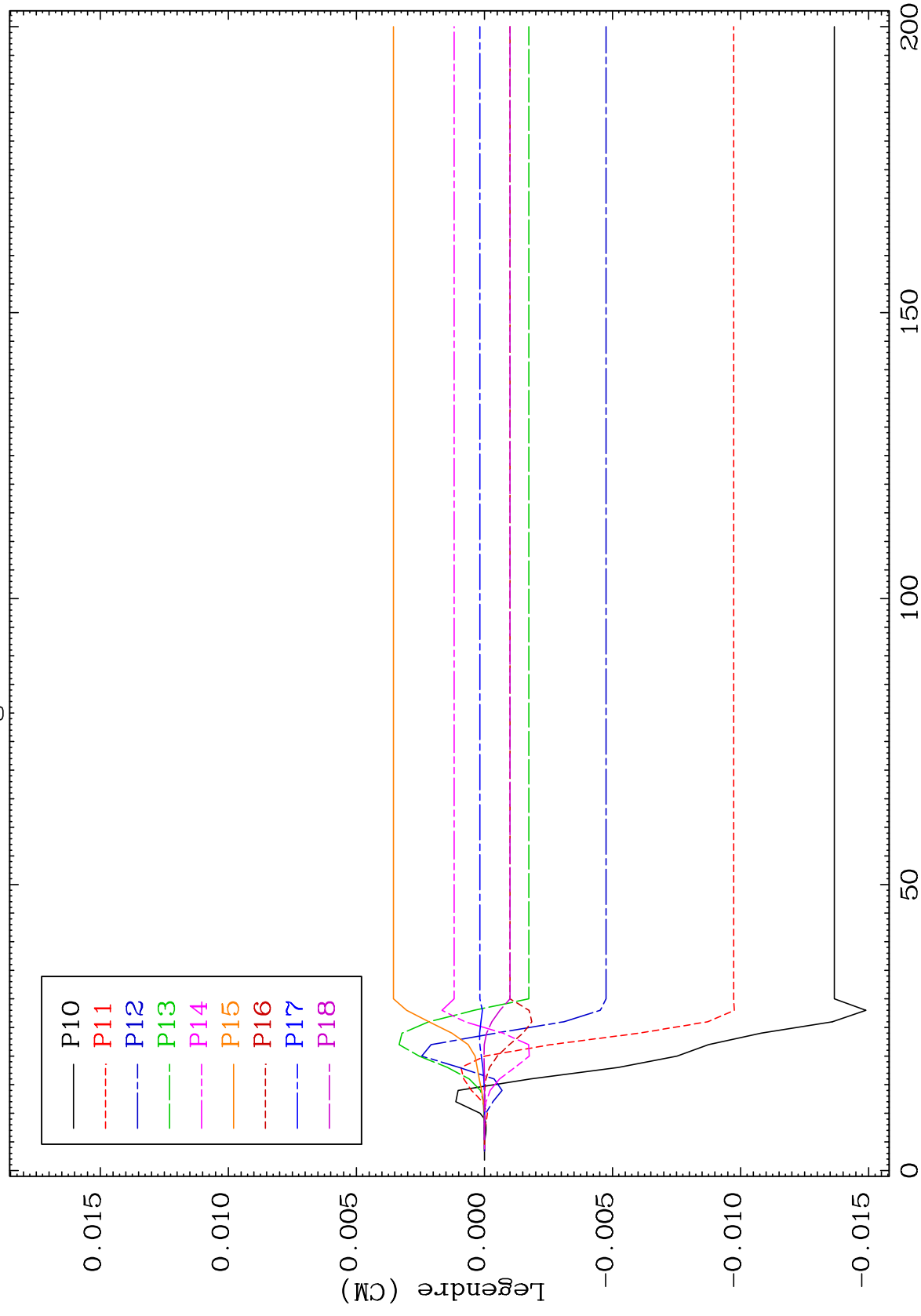
62-Sm-163



MAT 6282

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

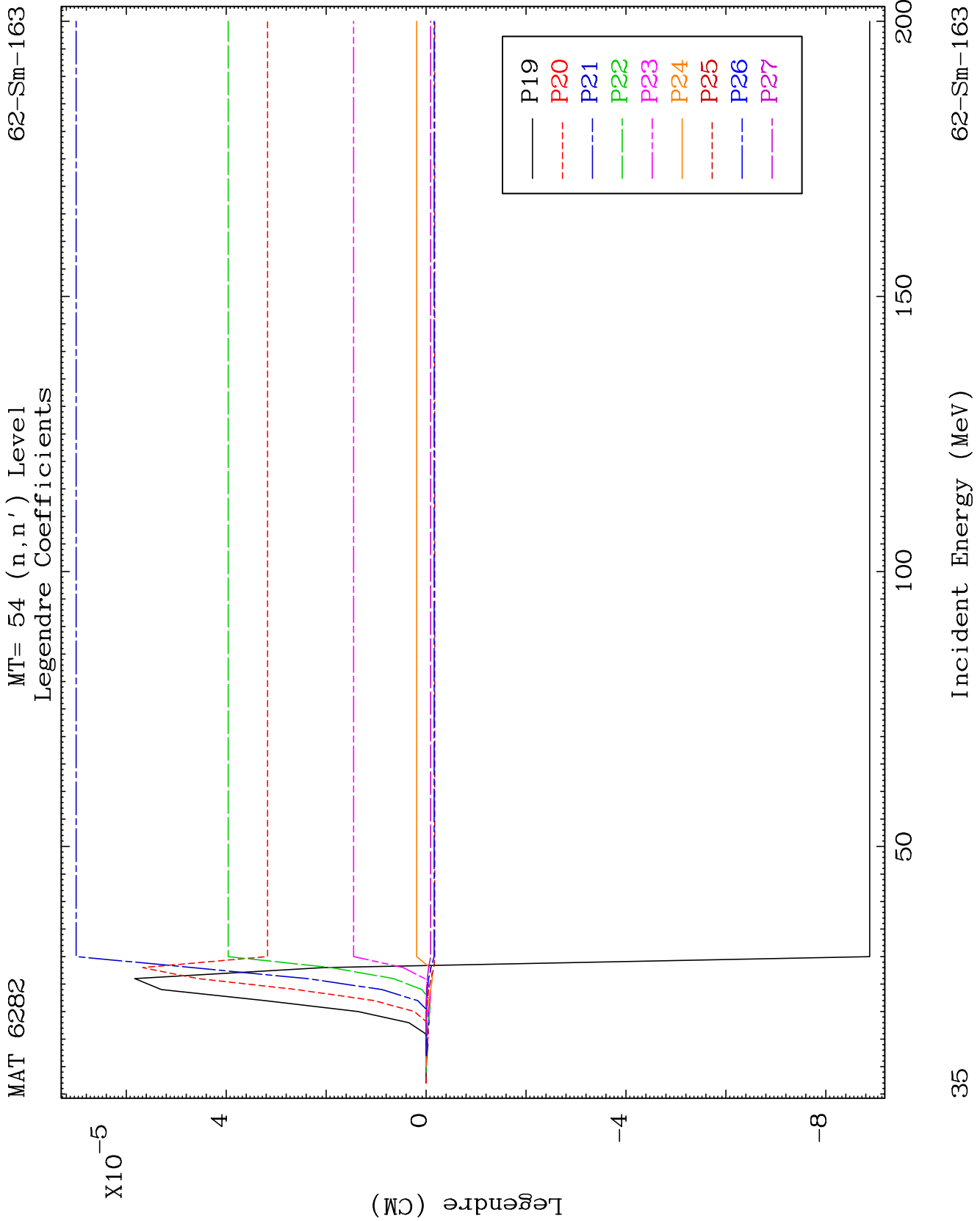
62-Sm-163



34

Incident Energy (MeV)

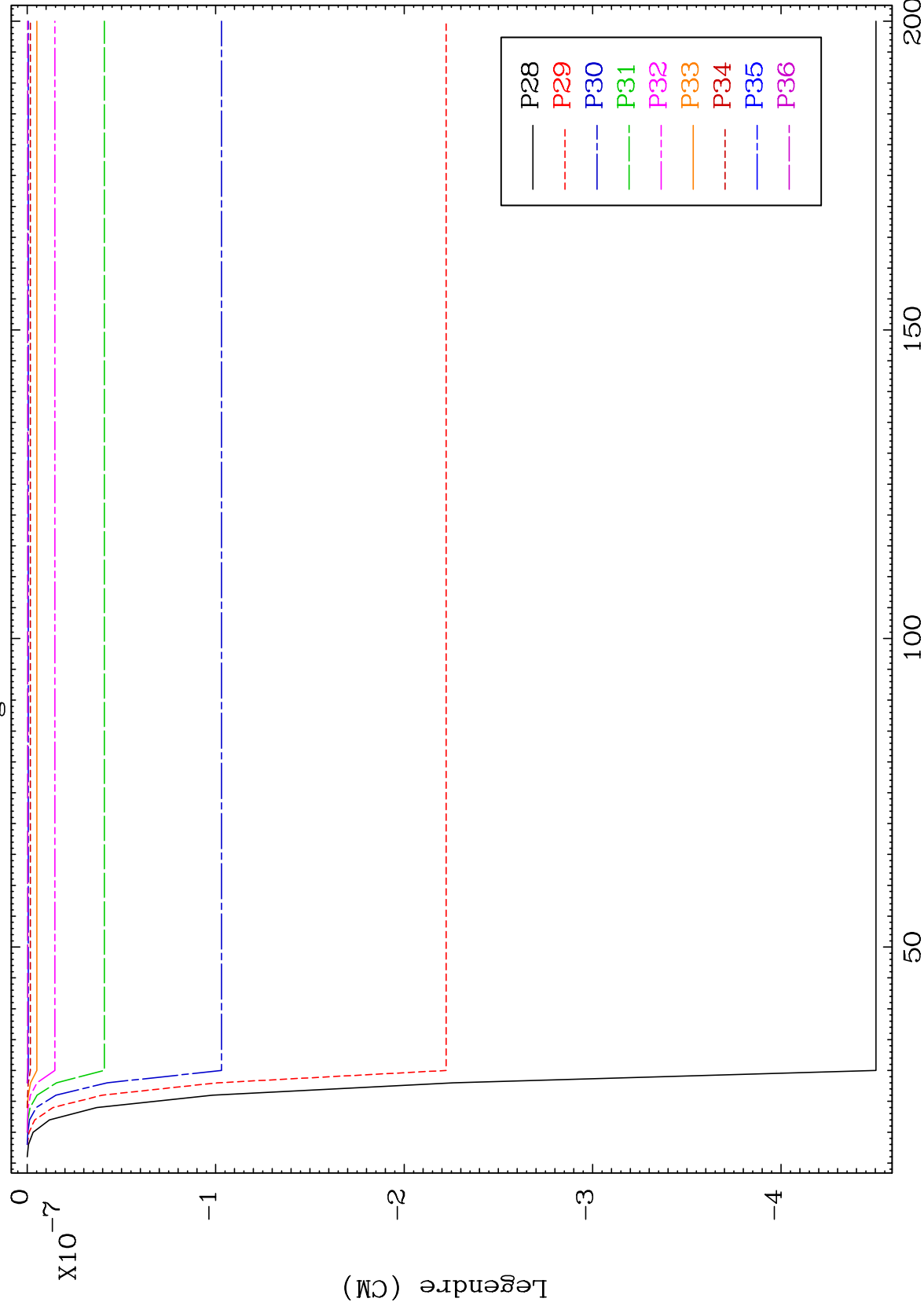
62-Sm-163



MAT 6282

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

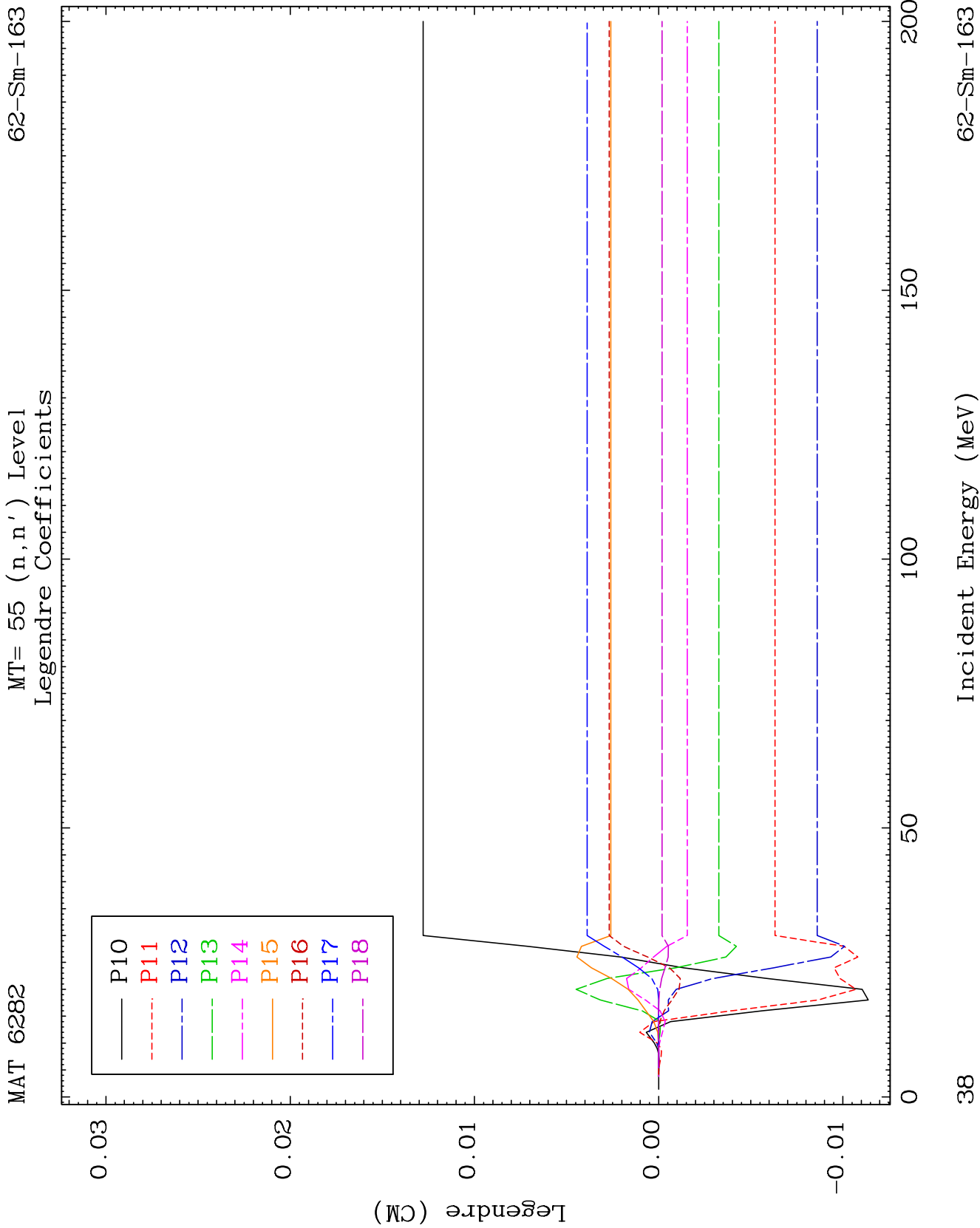
62-Sm-163

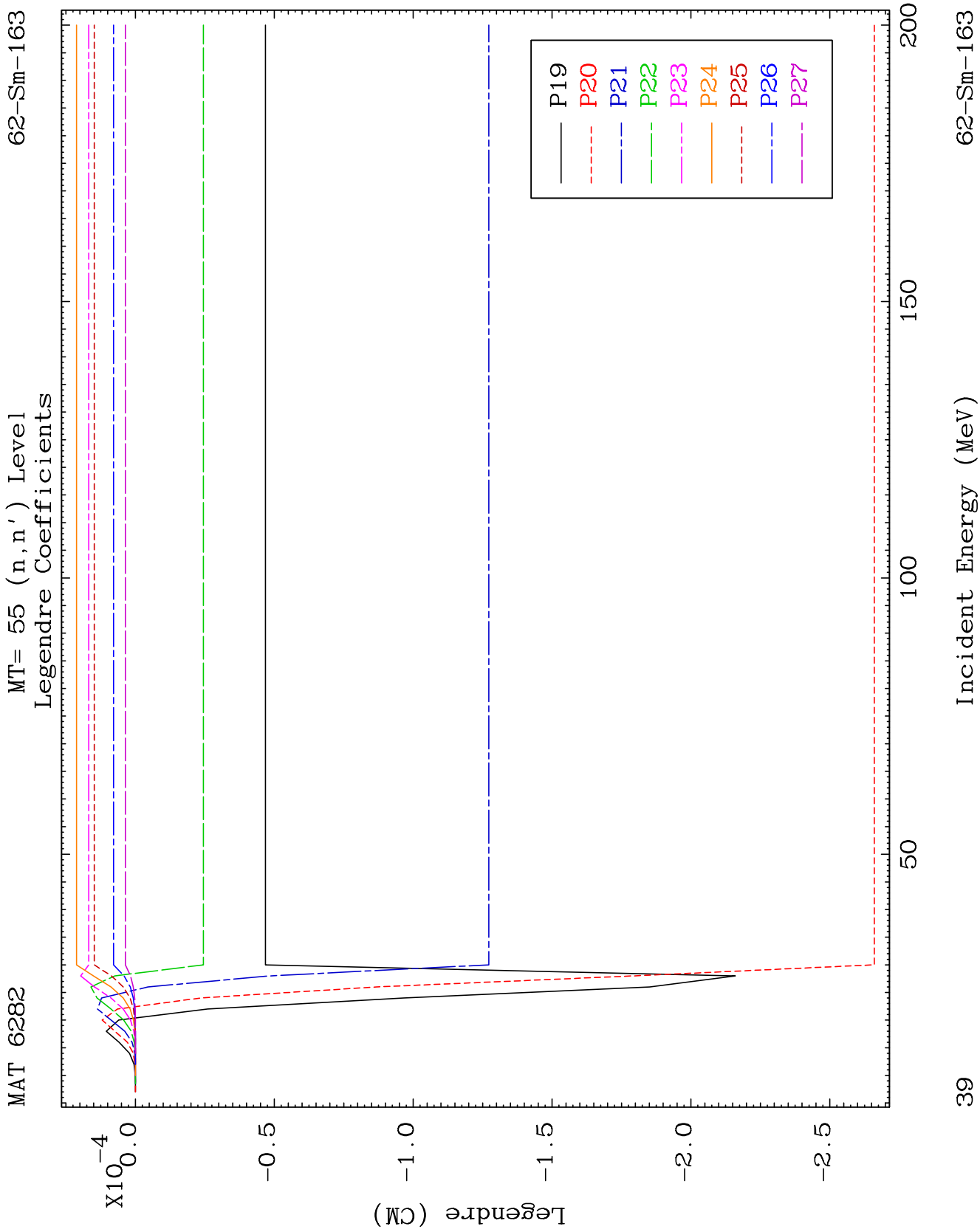


36

Incident Energy (MeV)

62-Sm-163

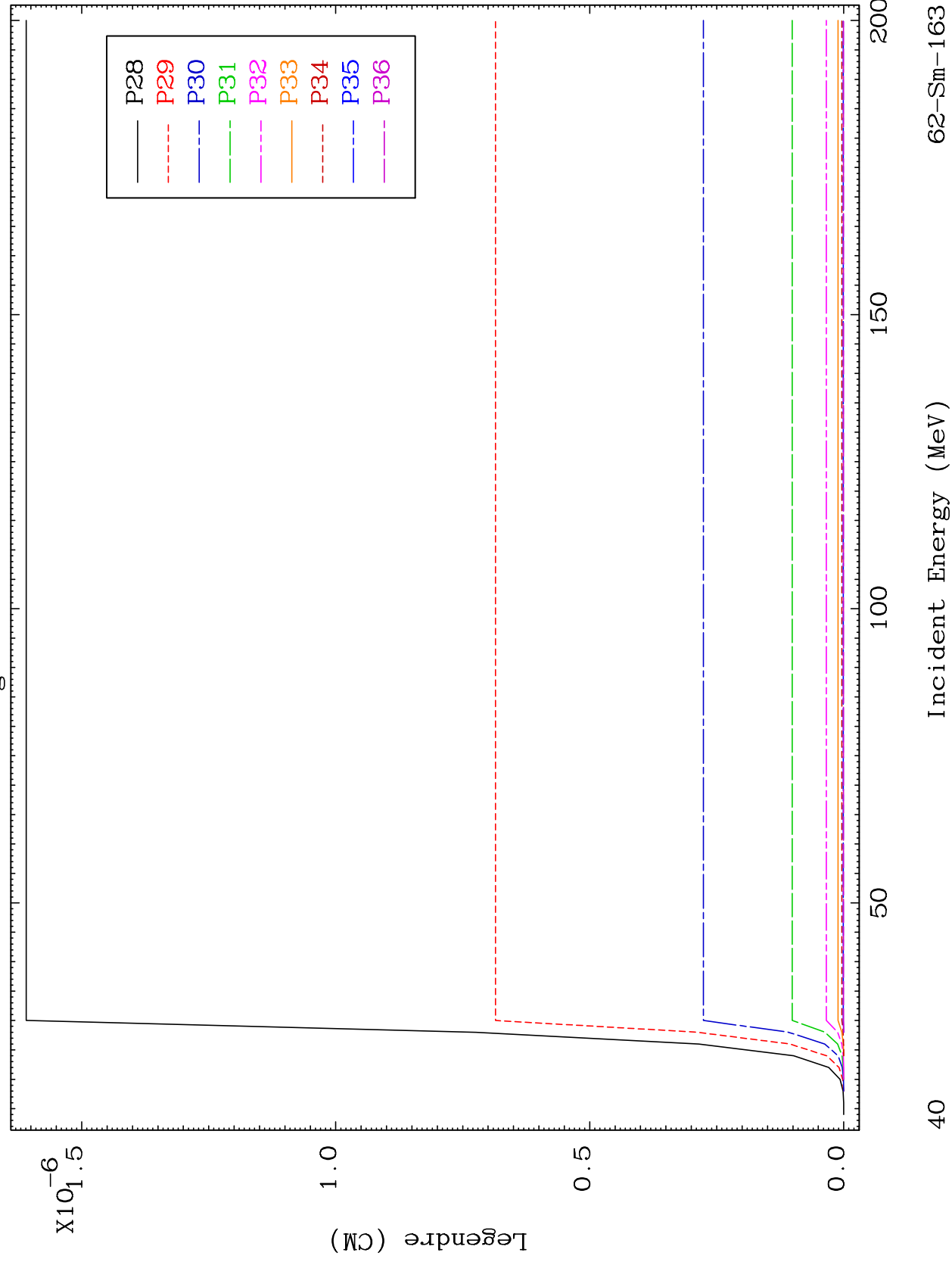




MAT 6282

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

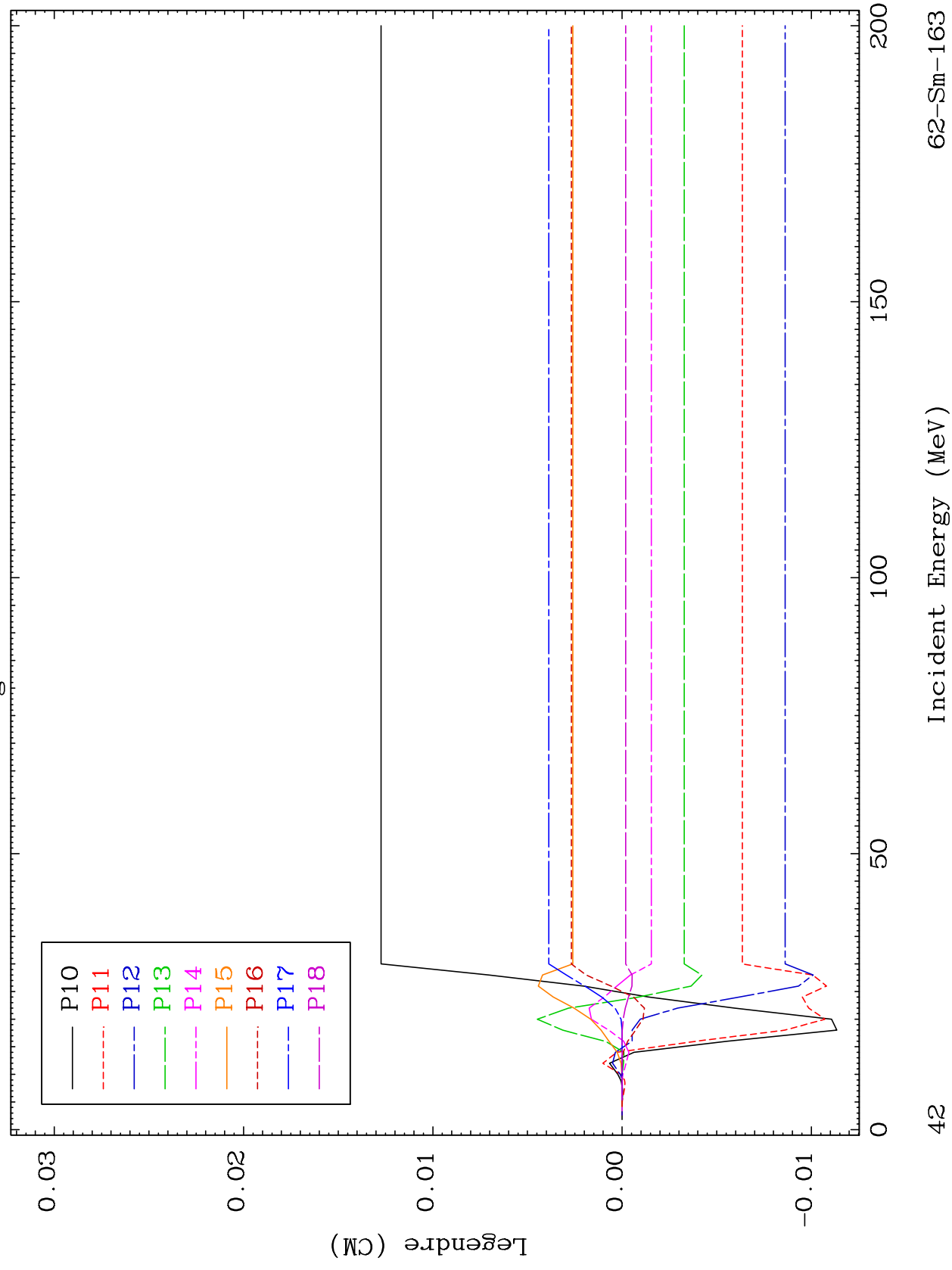
62-Sm-163

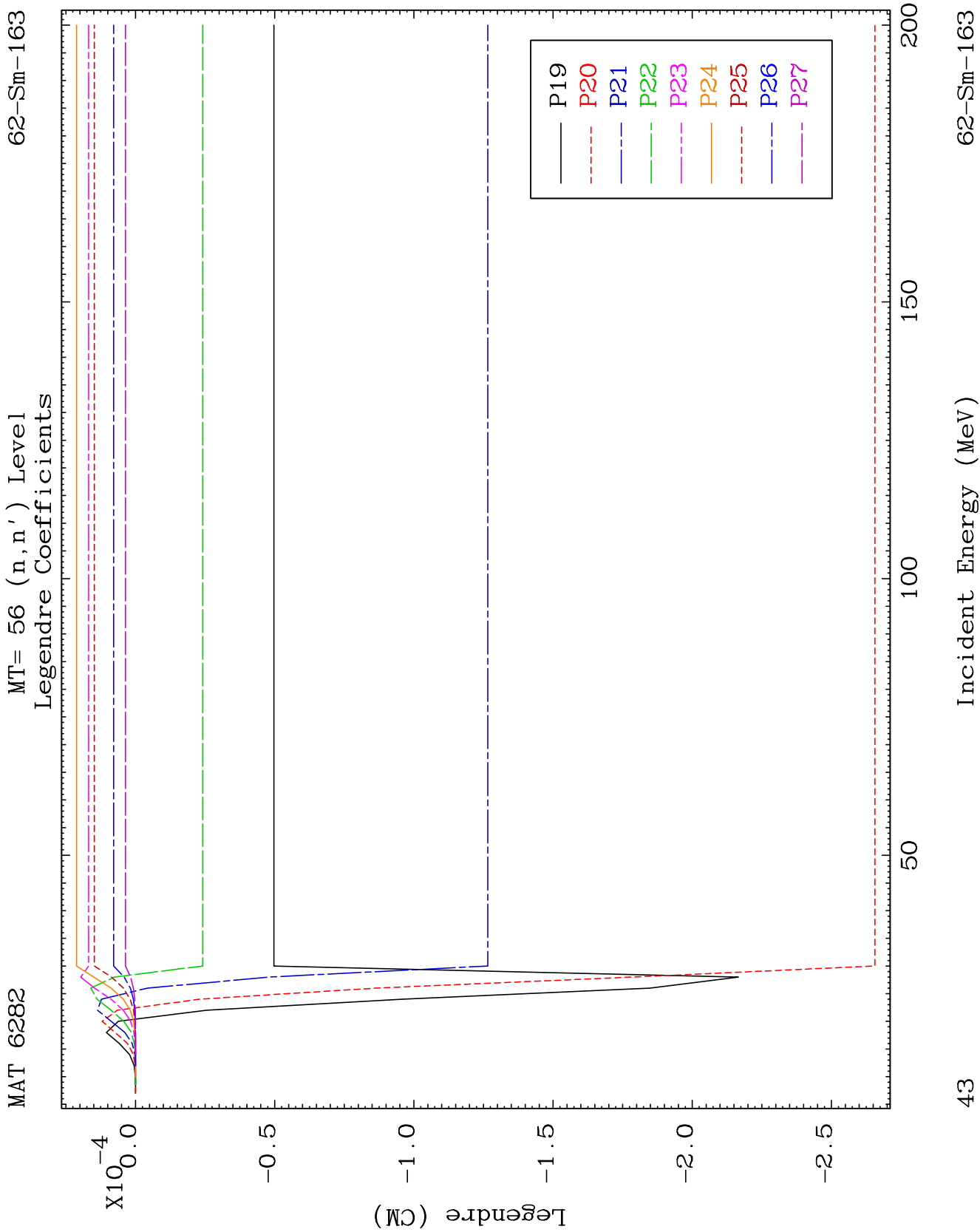


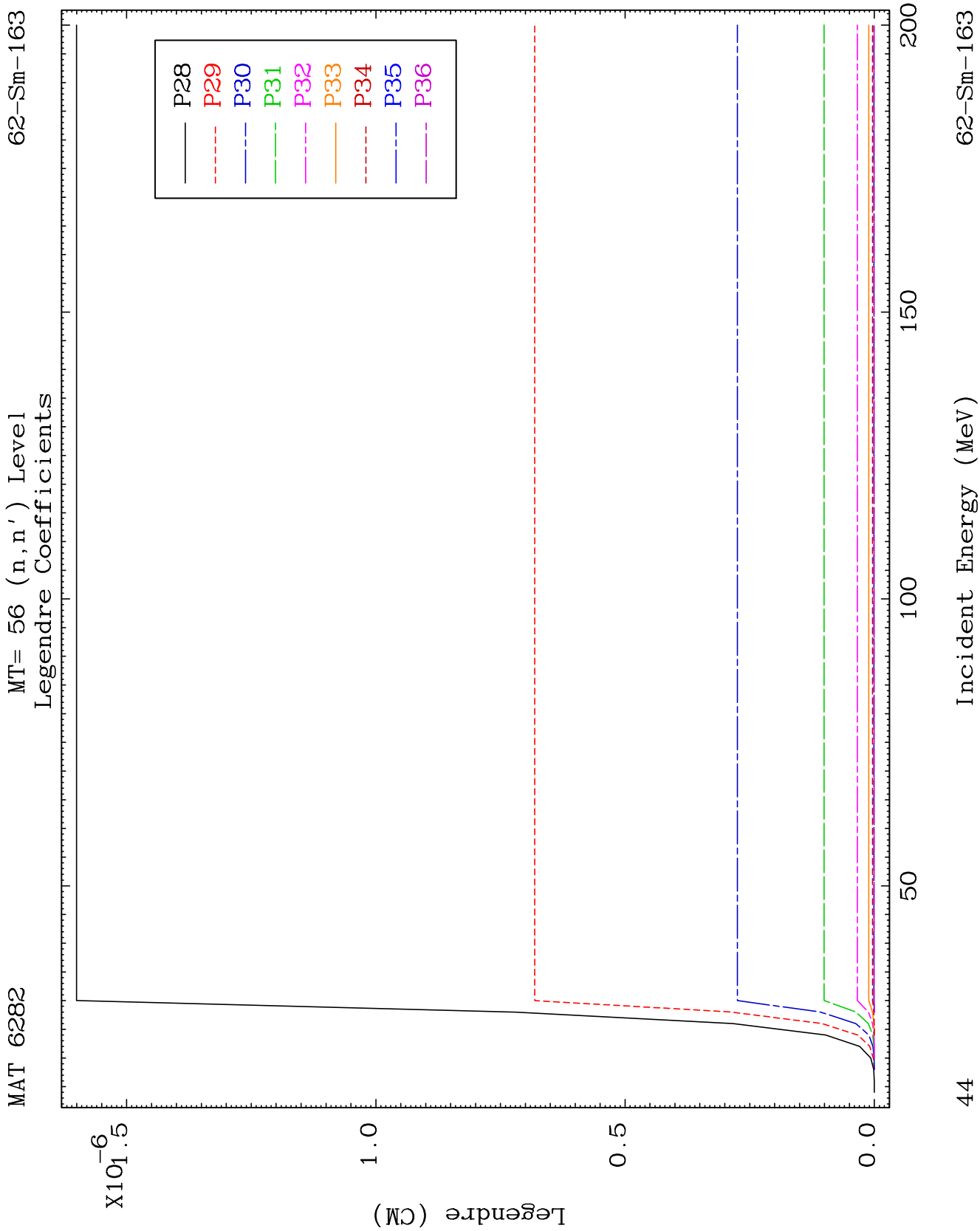
MAT 6282

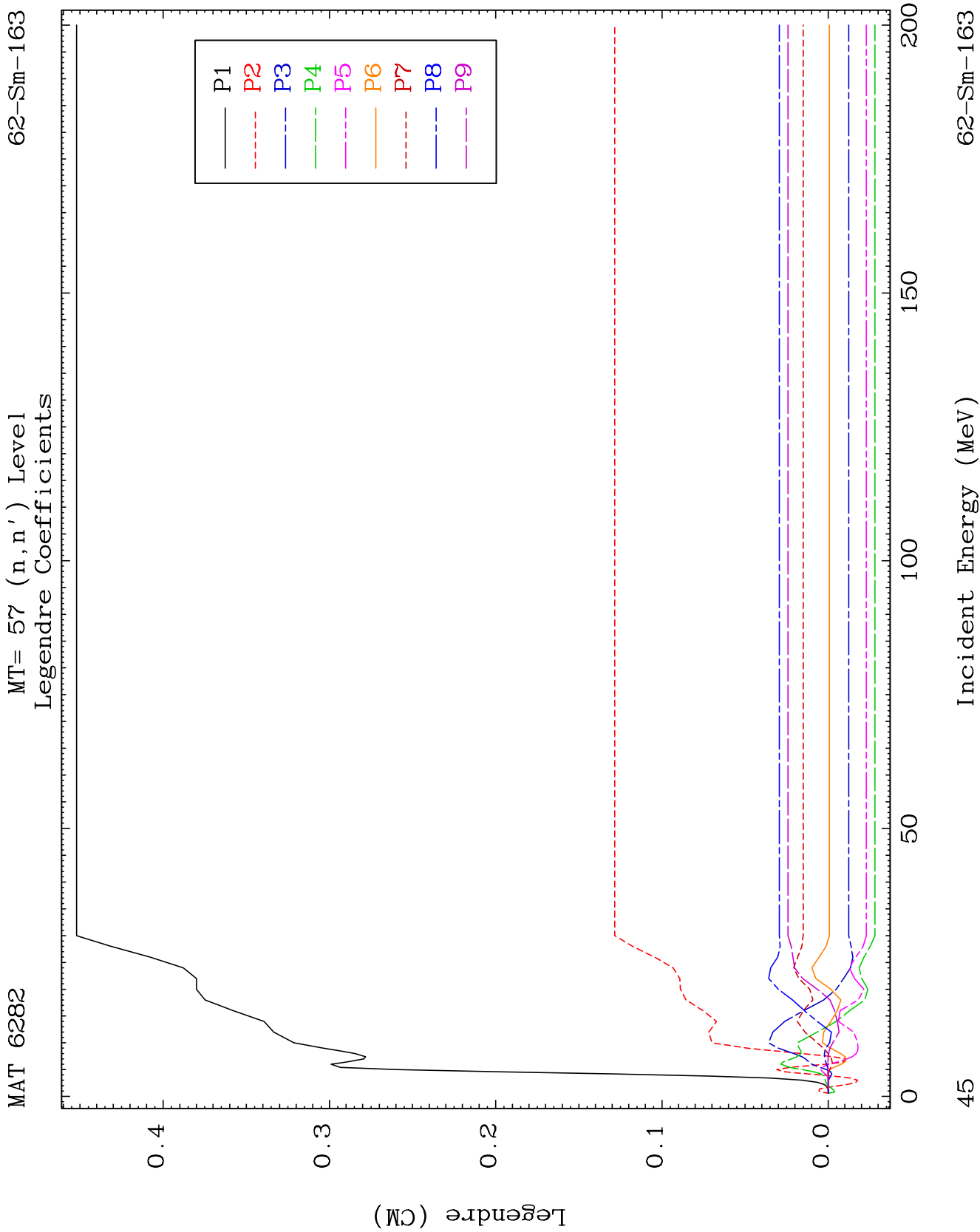
MT= 56 (n, n') Level
Legendre Coefficients

62-Sm-163





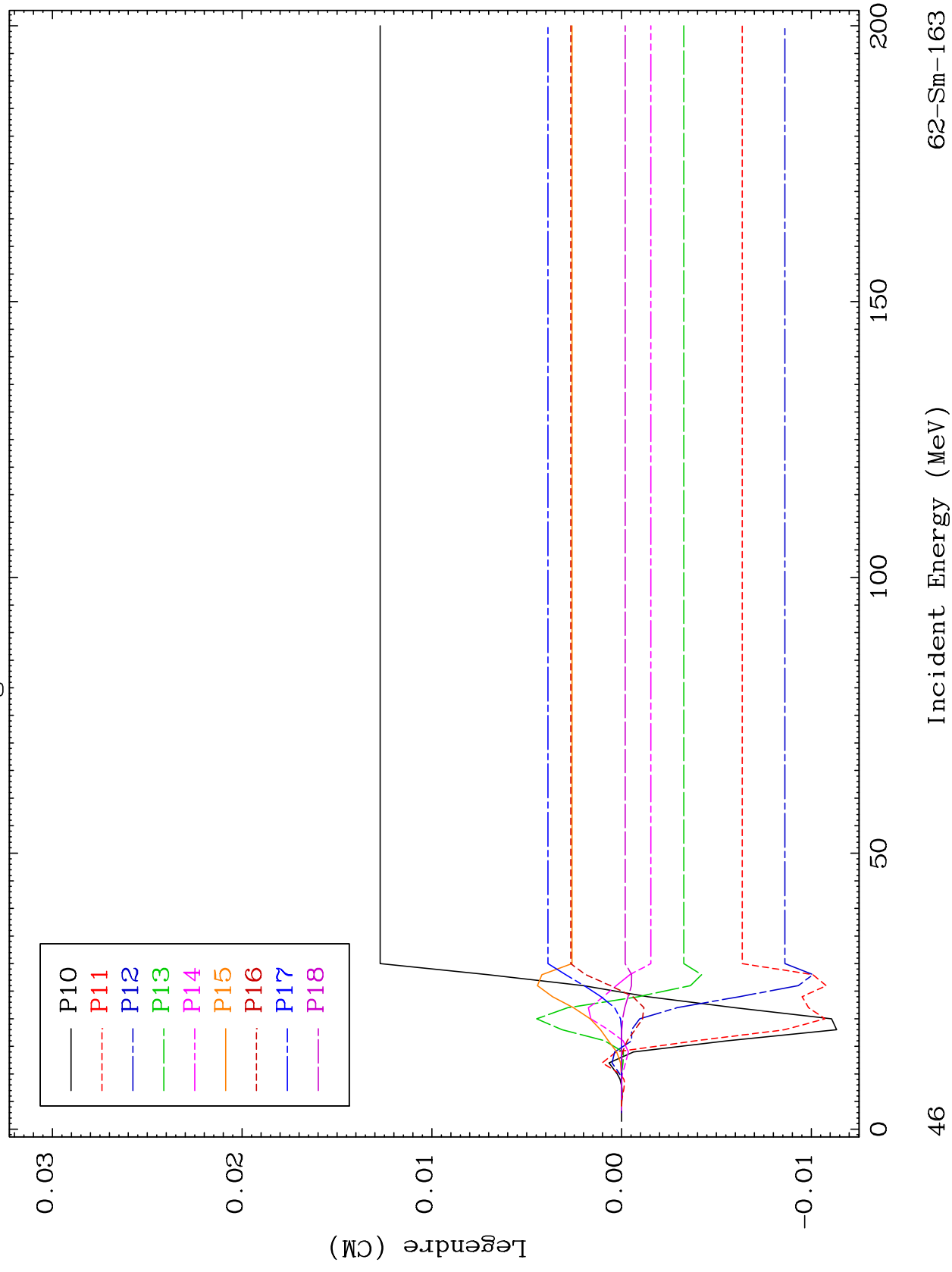


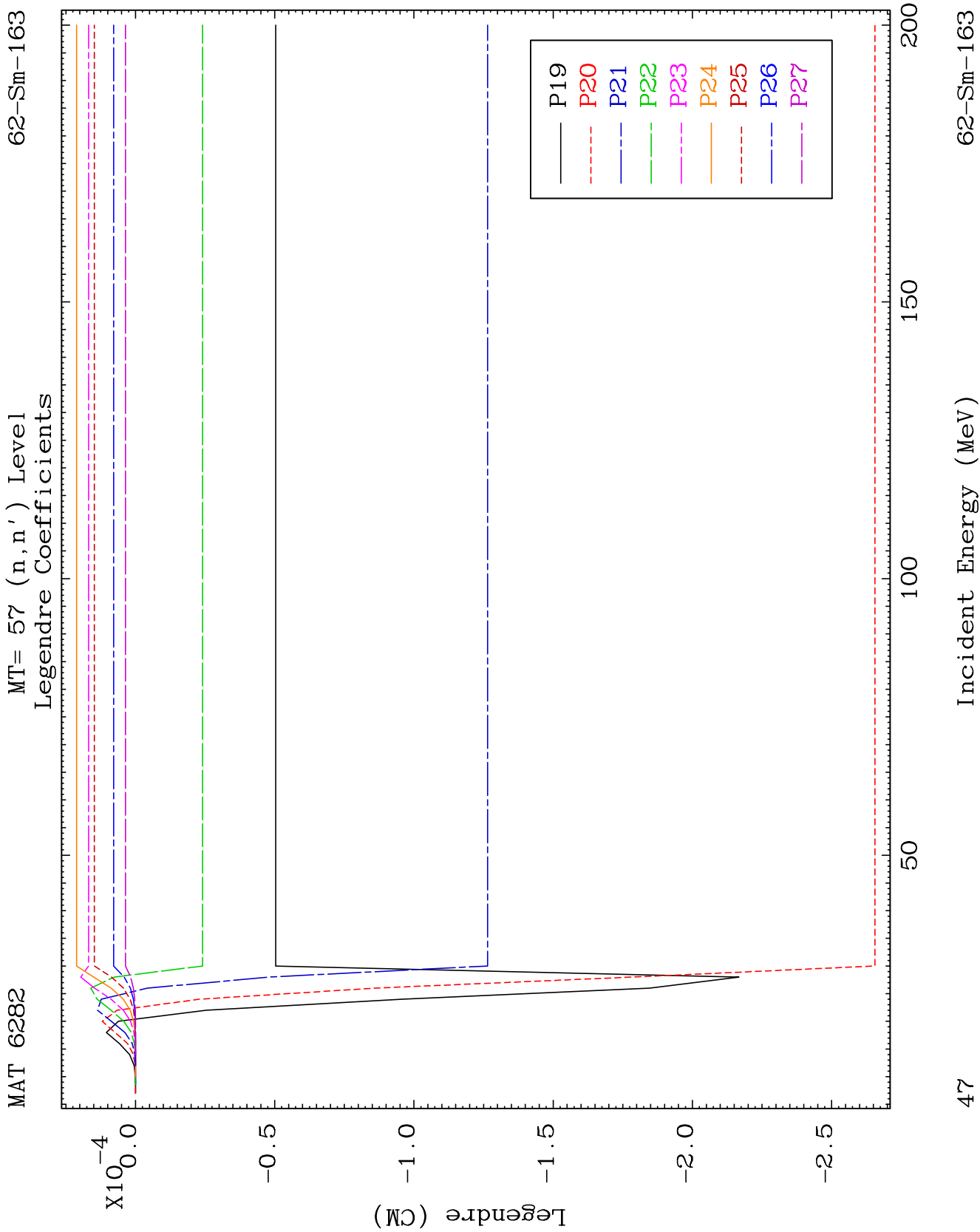


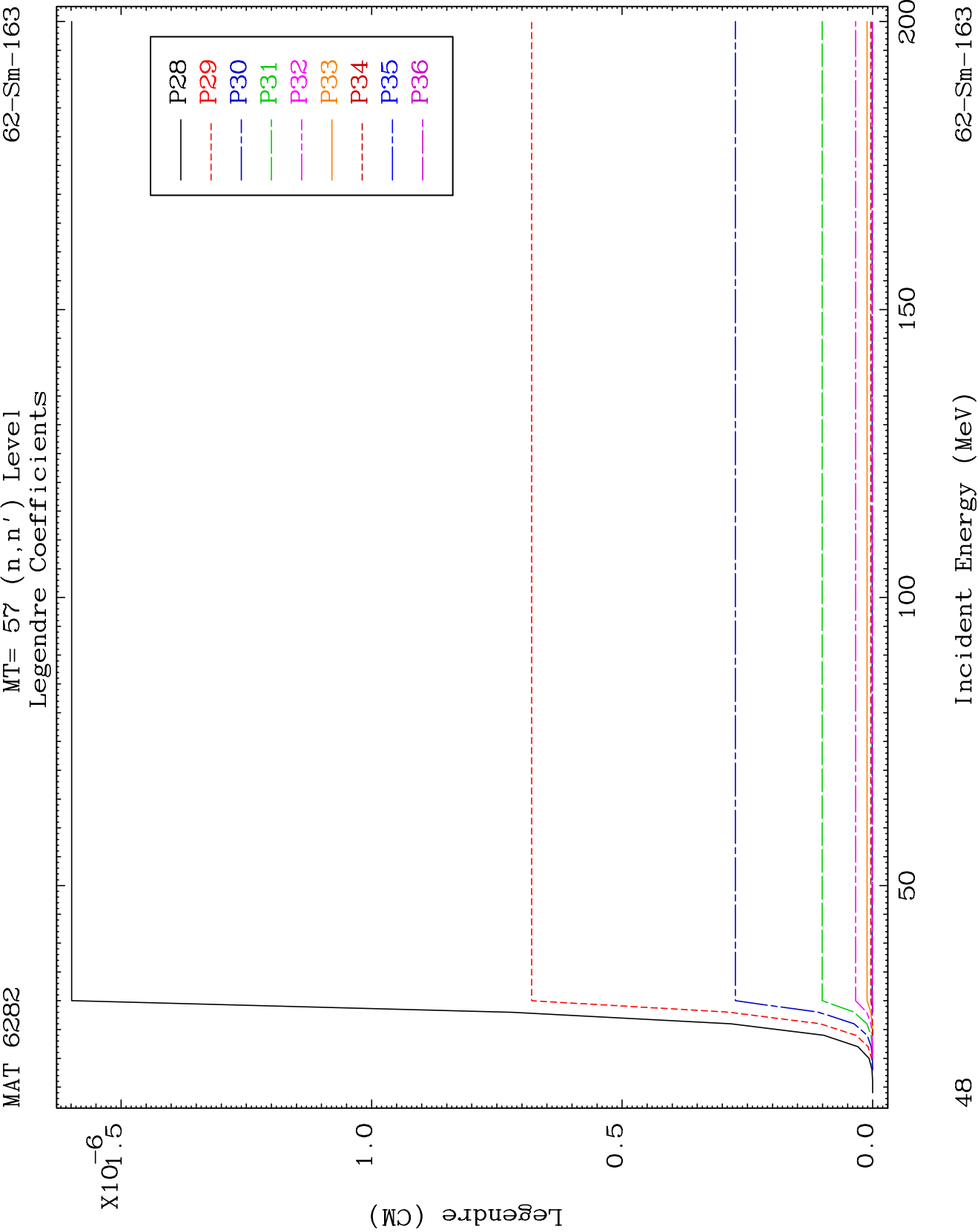
MAT 6282

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

62-Sm-163



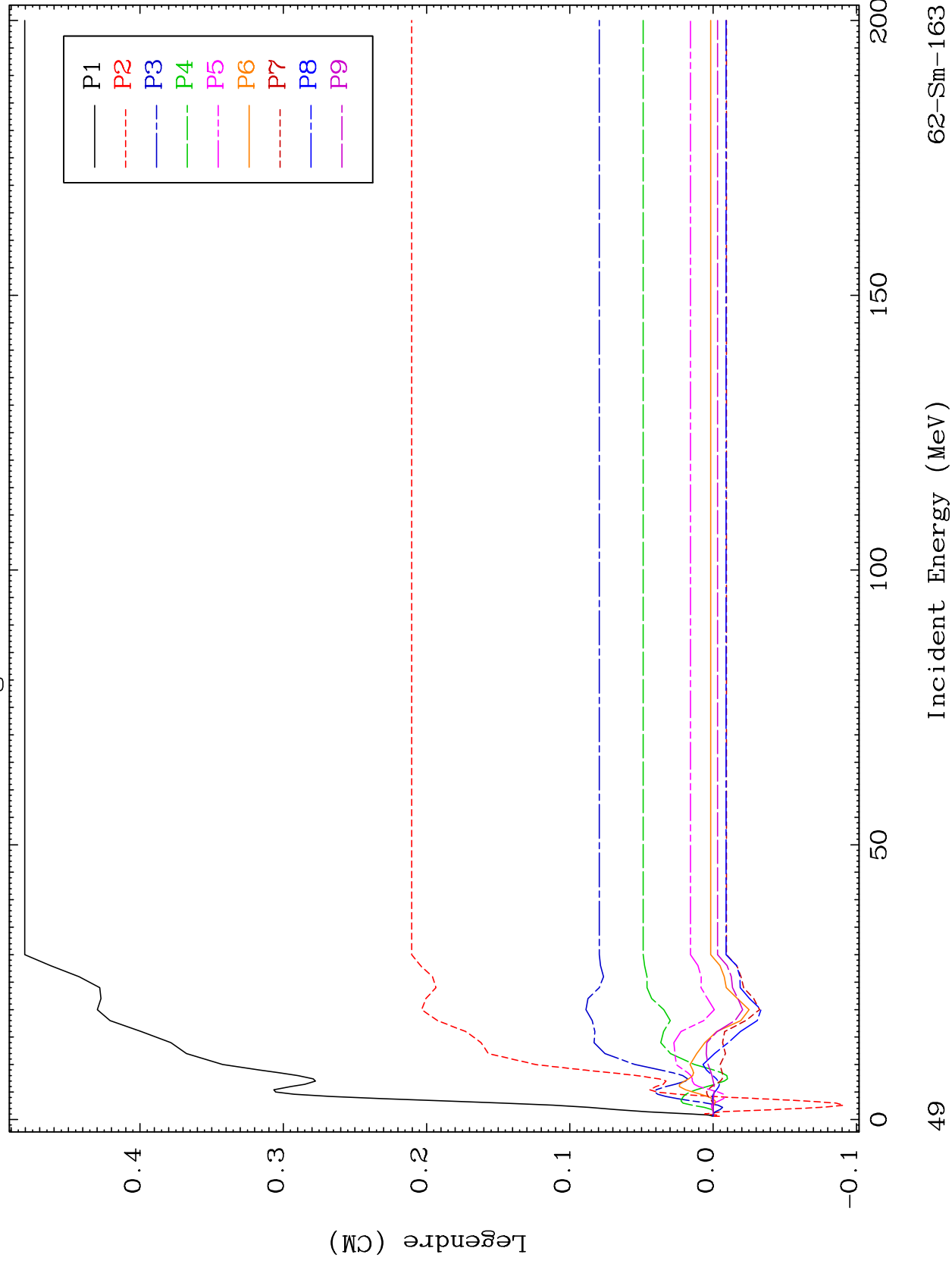


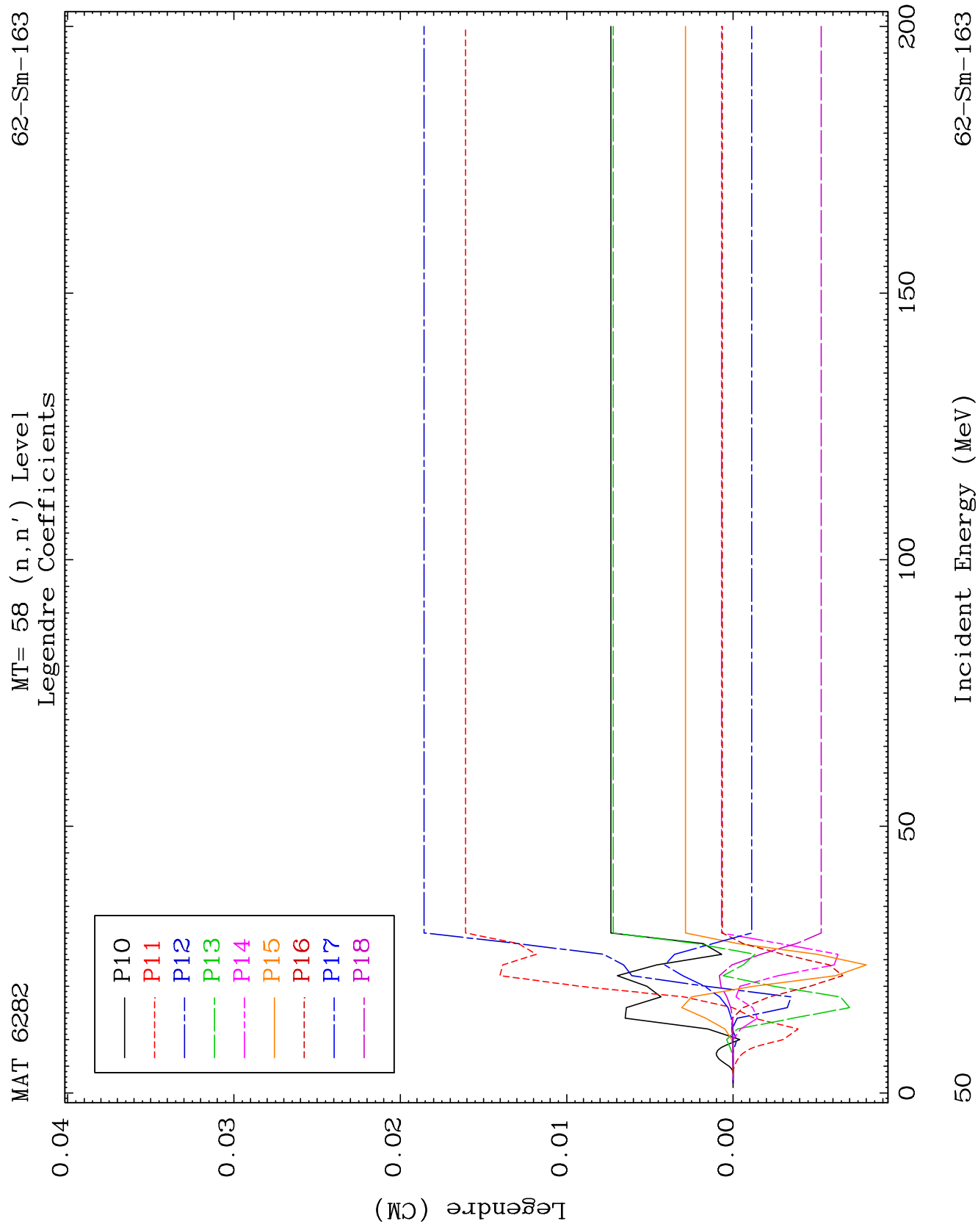


MAT 6282

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

62-Sm-163

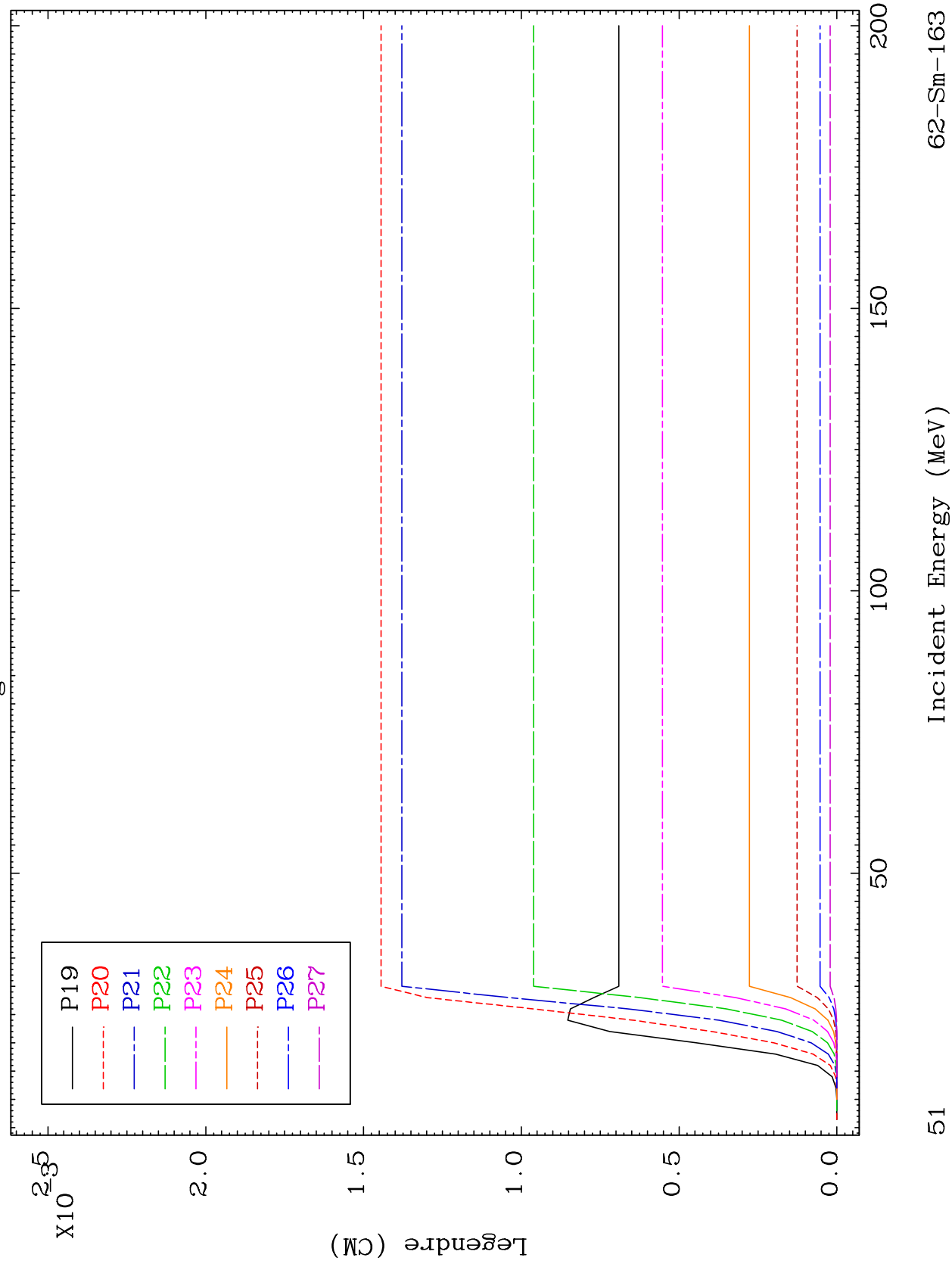




MAT 6282

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

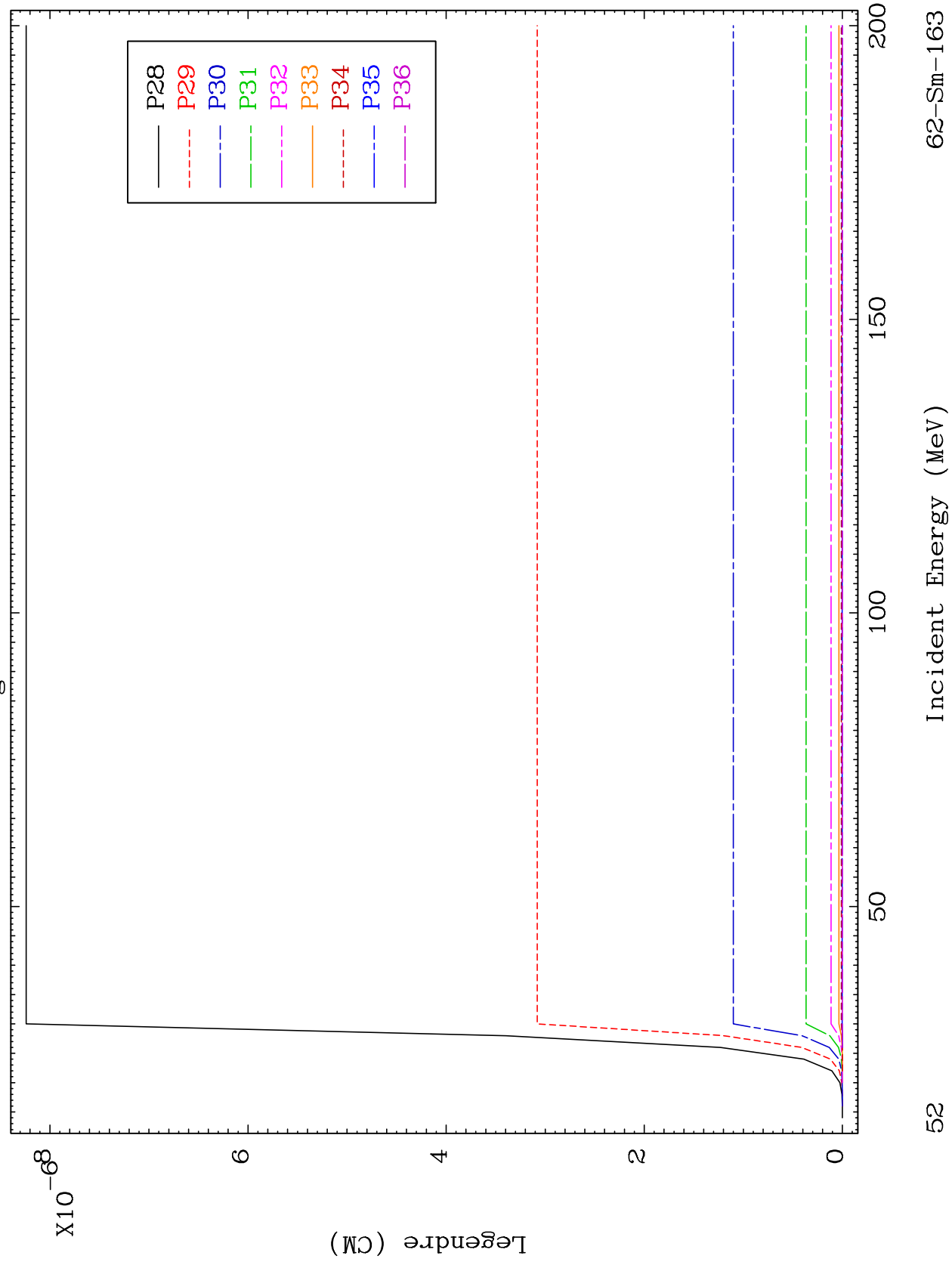
62-Sm-163

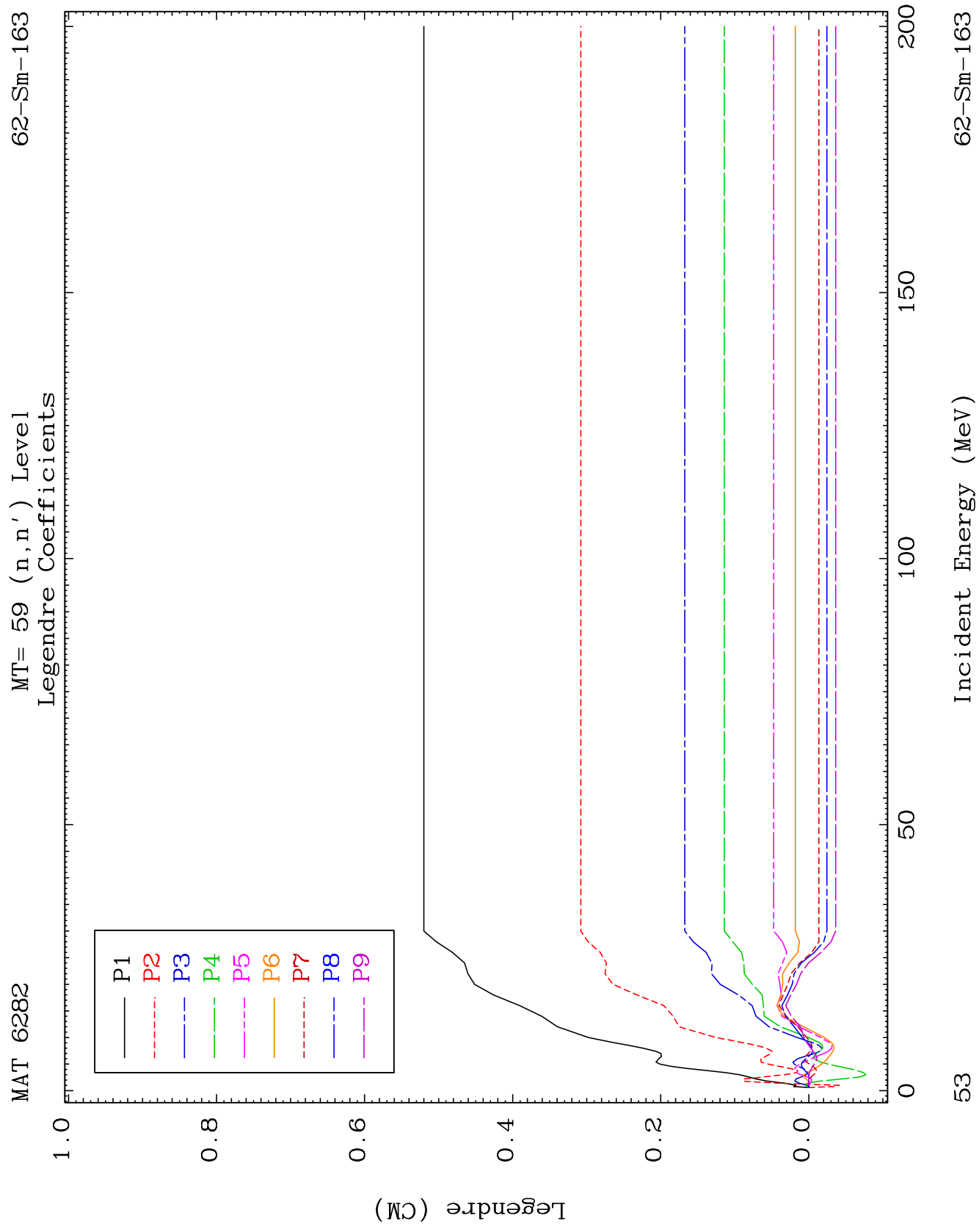


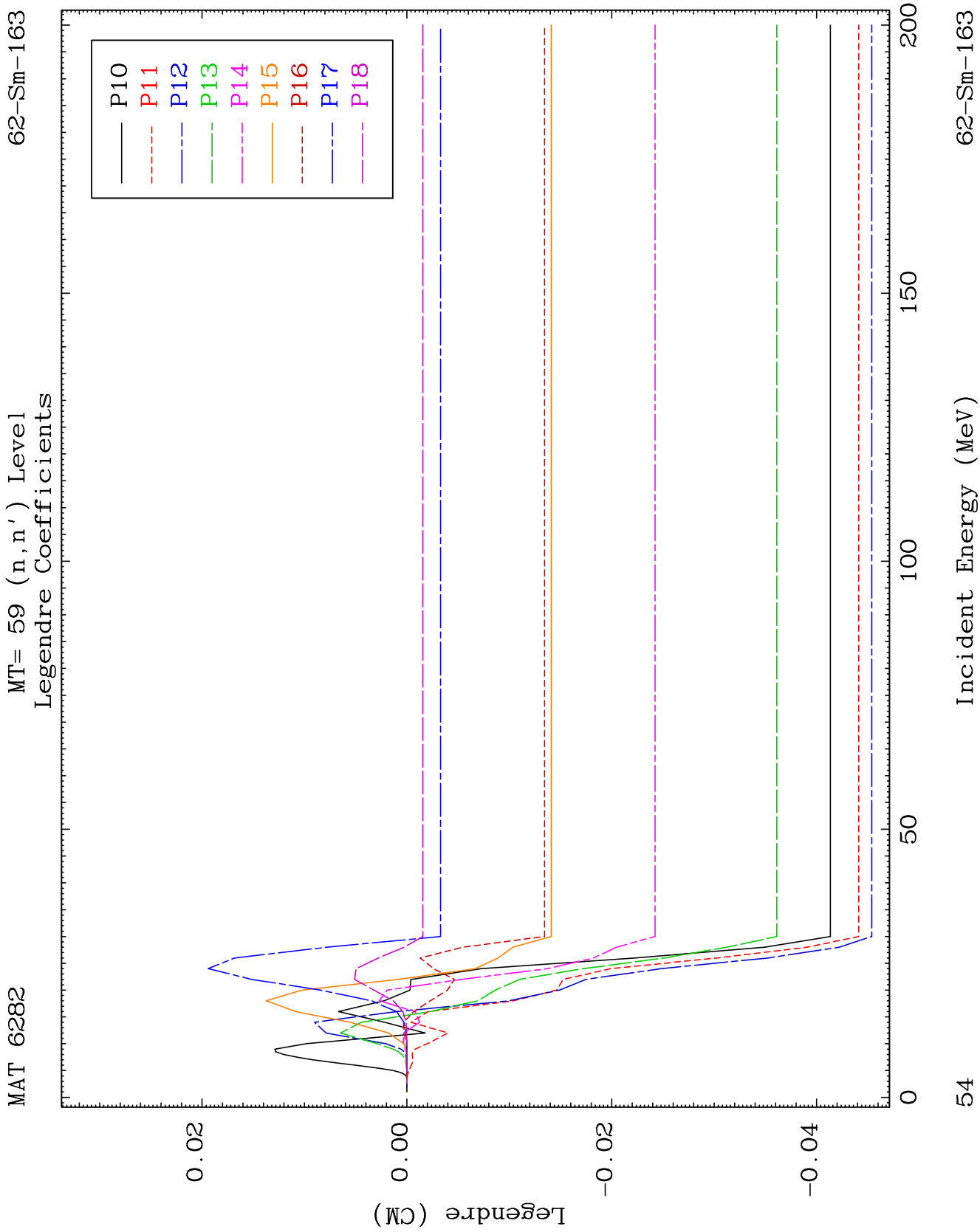
MAT 6282

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

62-Sm-163



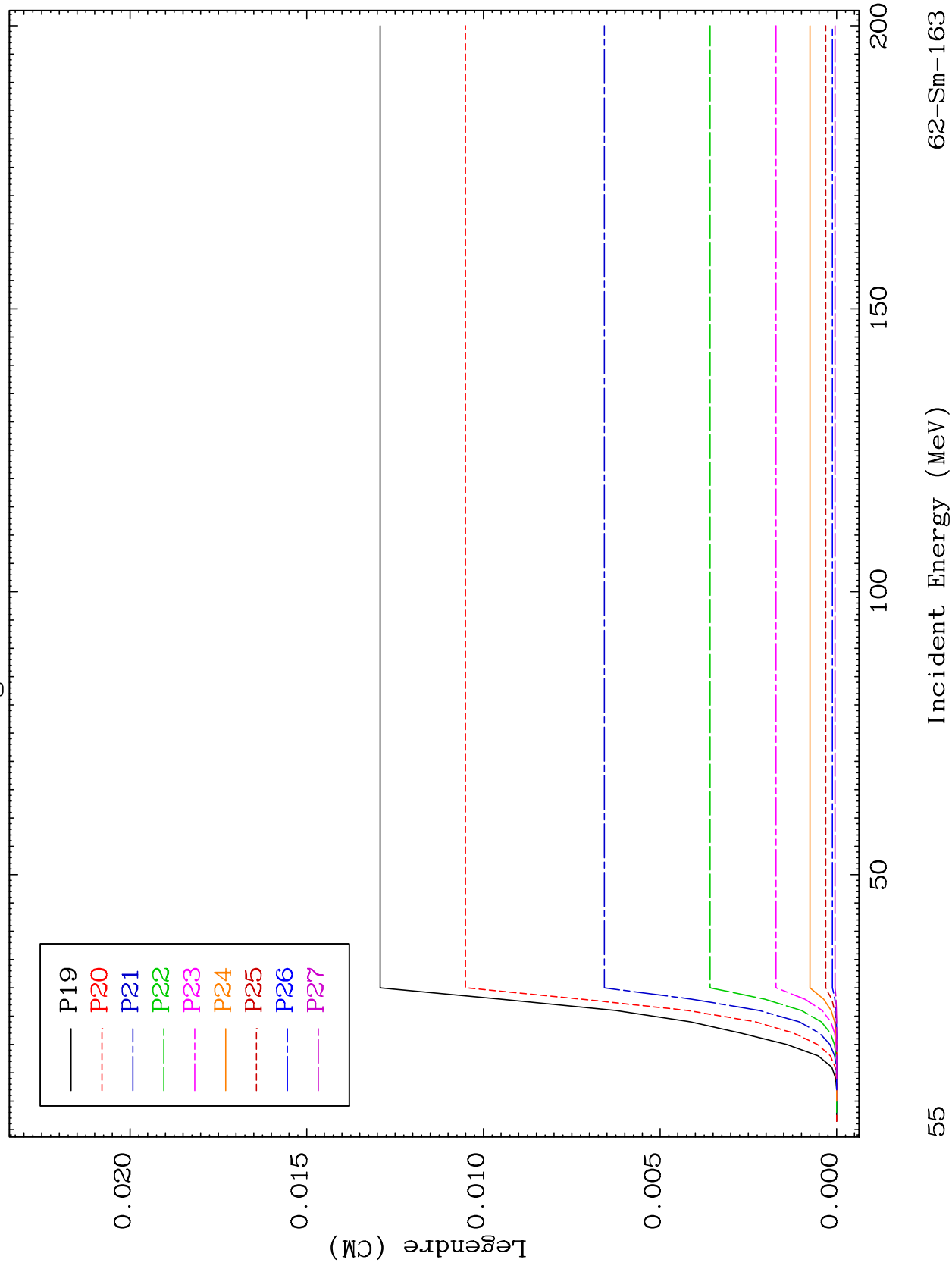




MAT 6282

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

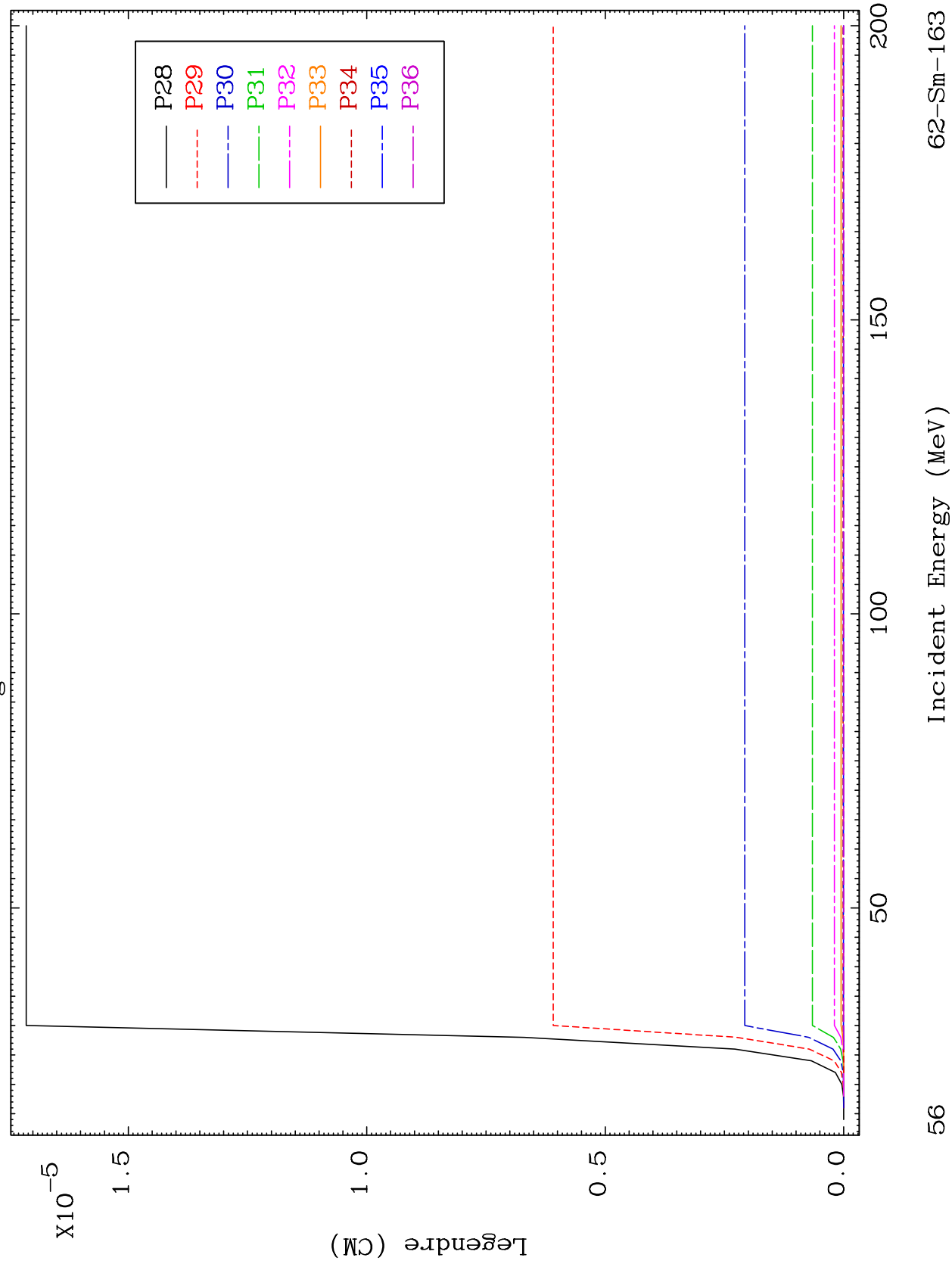
62-Sm-163



MAT 6282

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

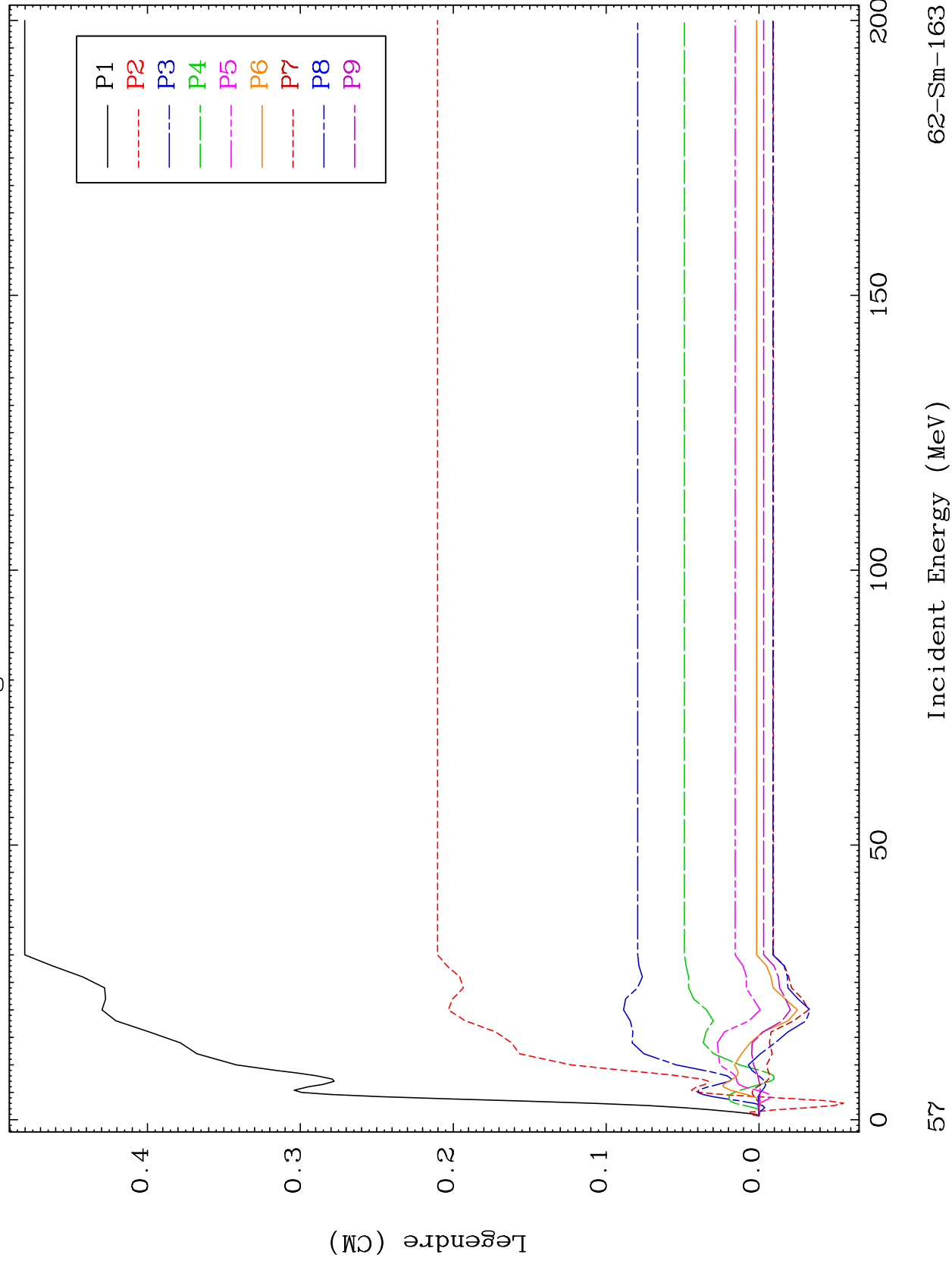
62-Sm-163

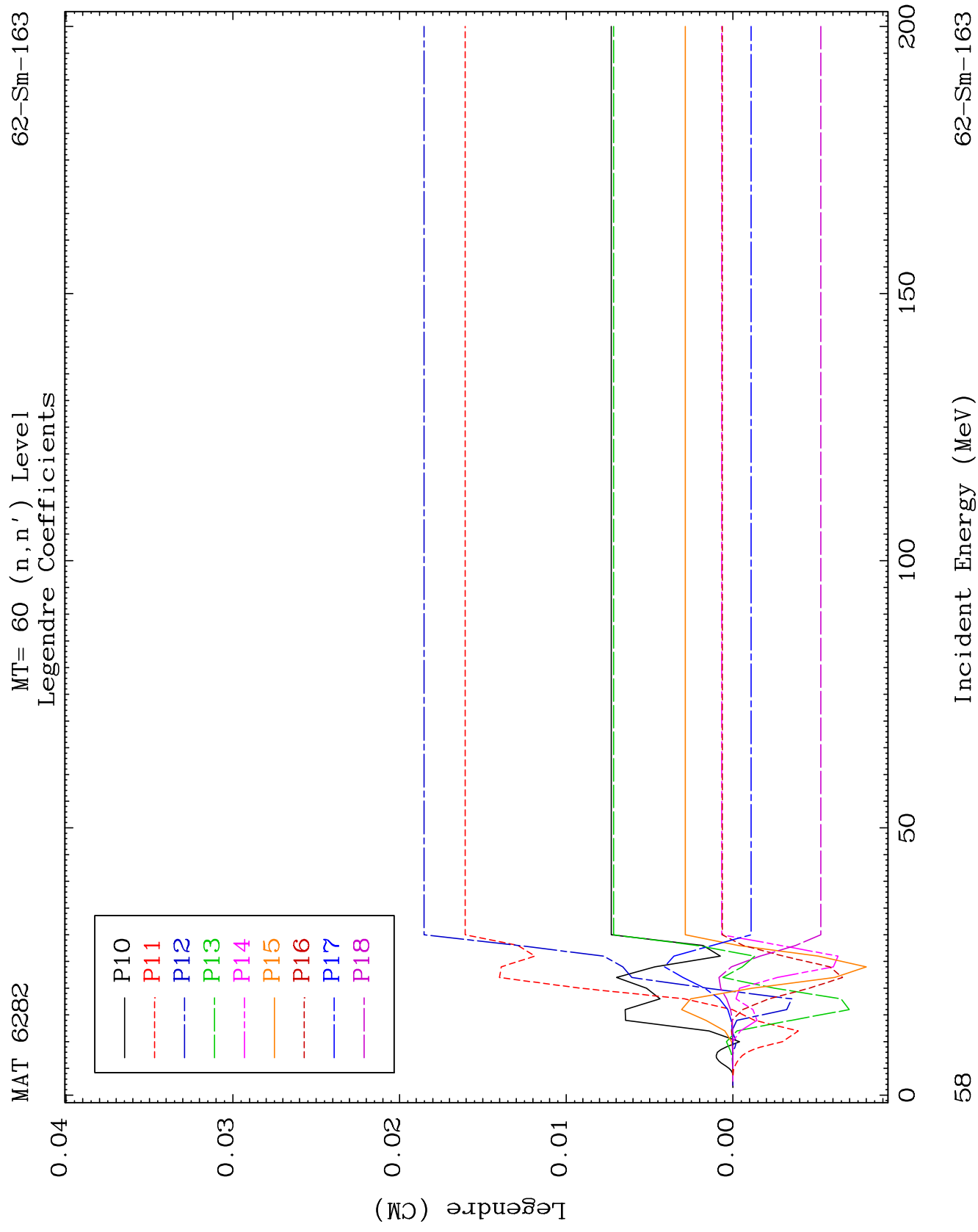


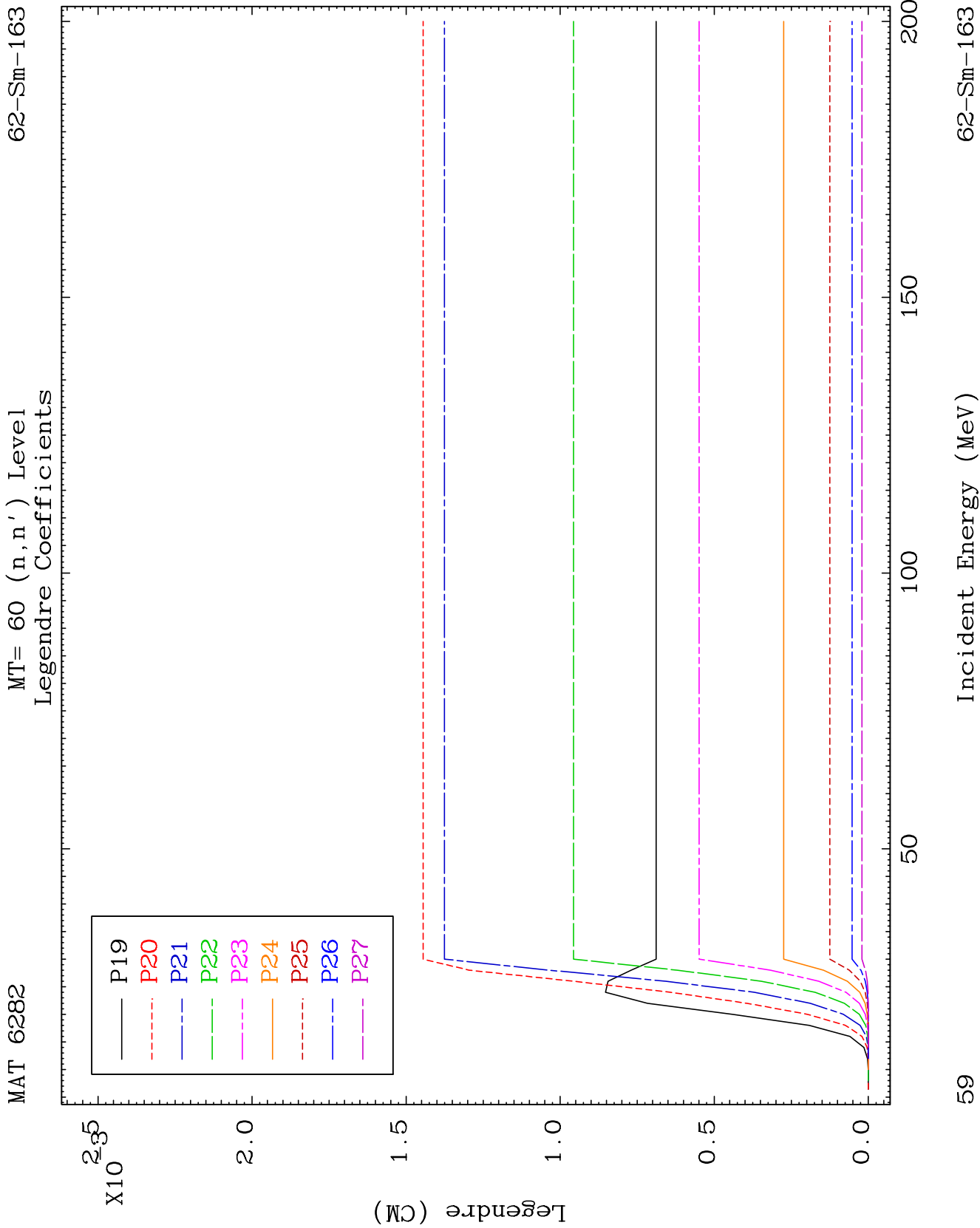
MAT 6282

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

62-Sm-163



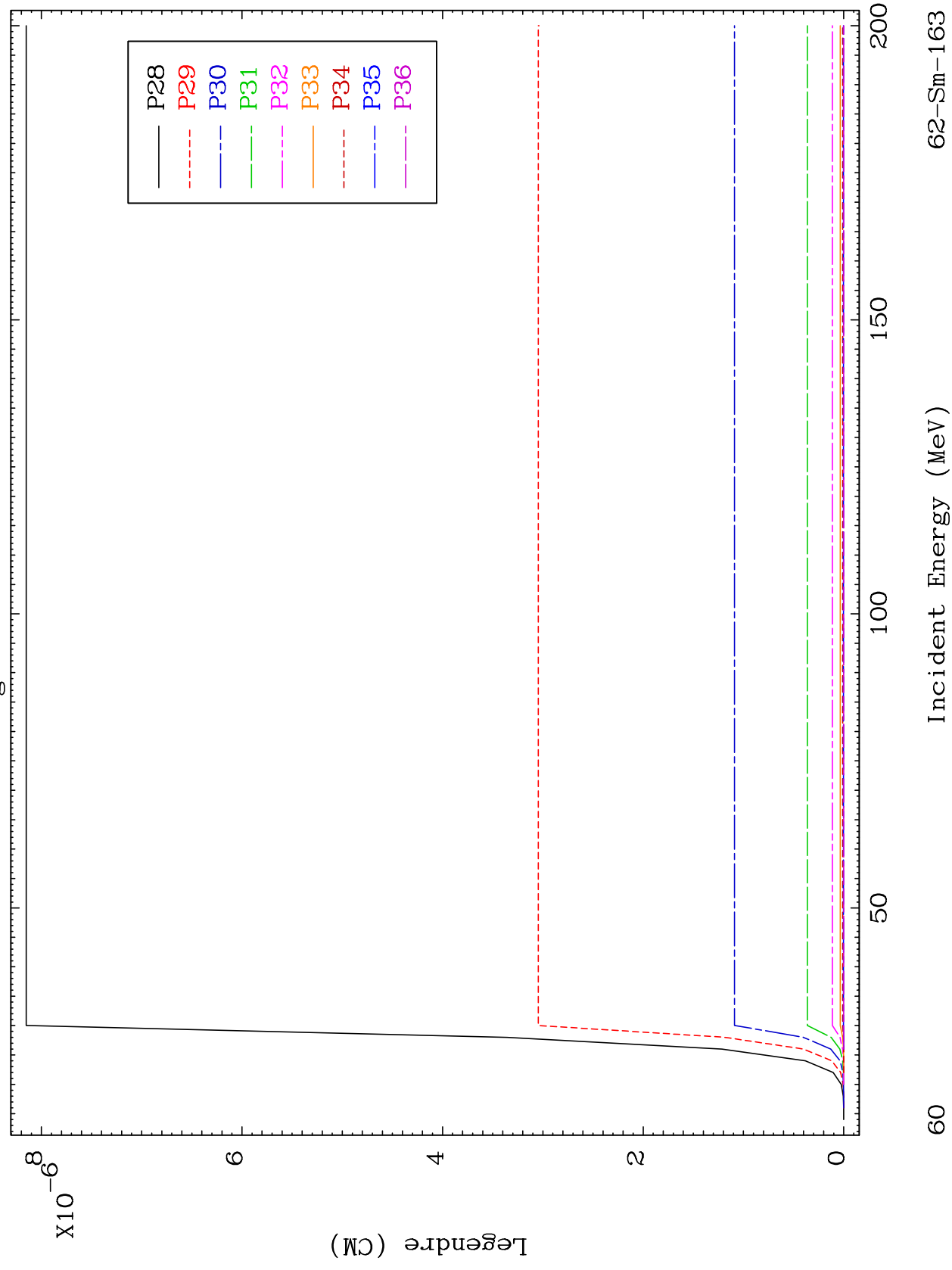




MAT 6282

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

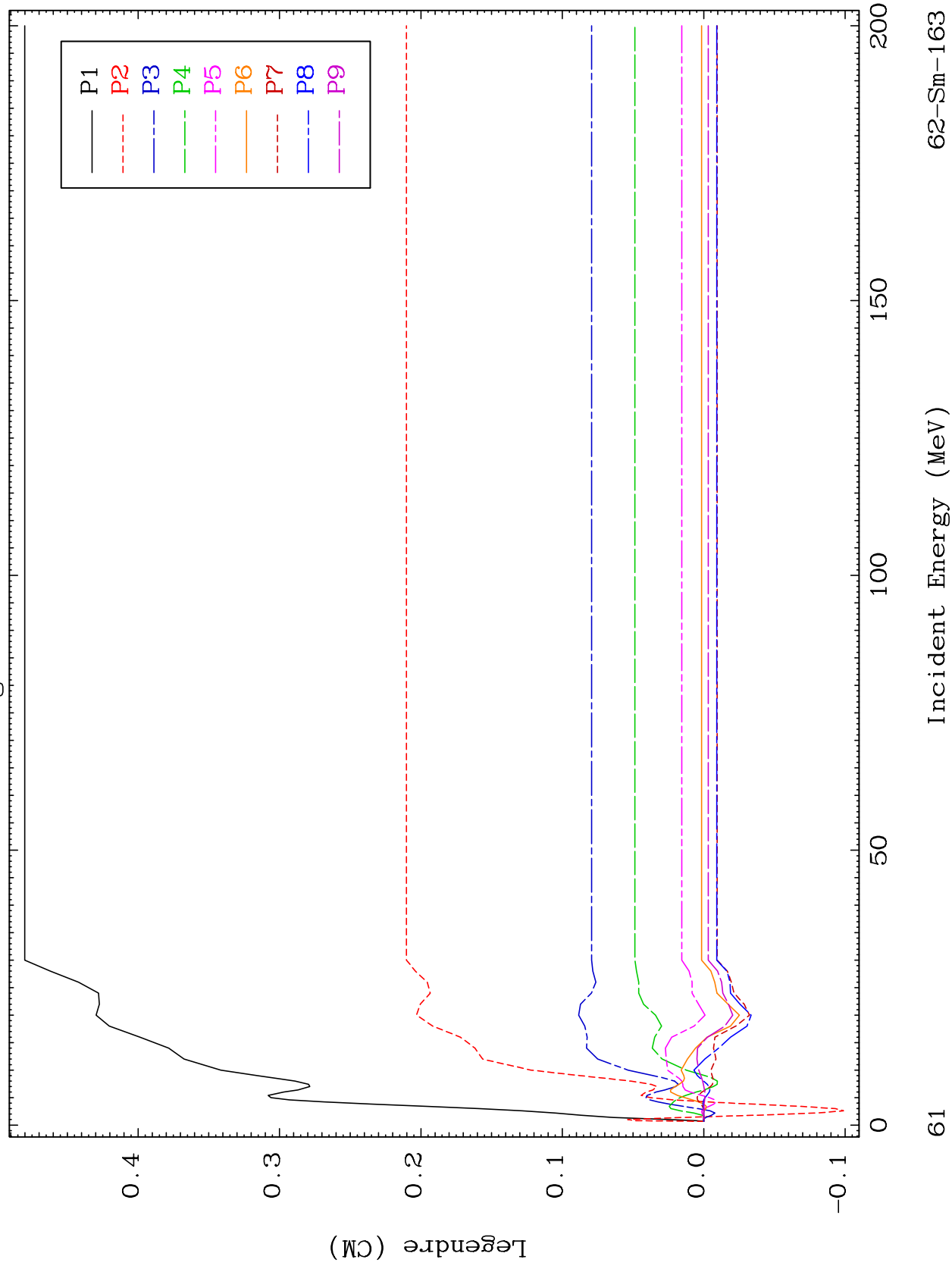
62-Sm-163

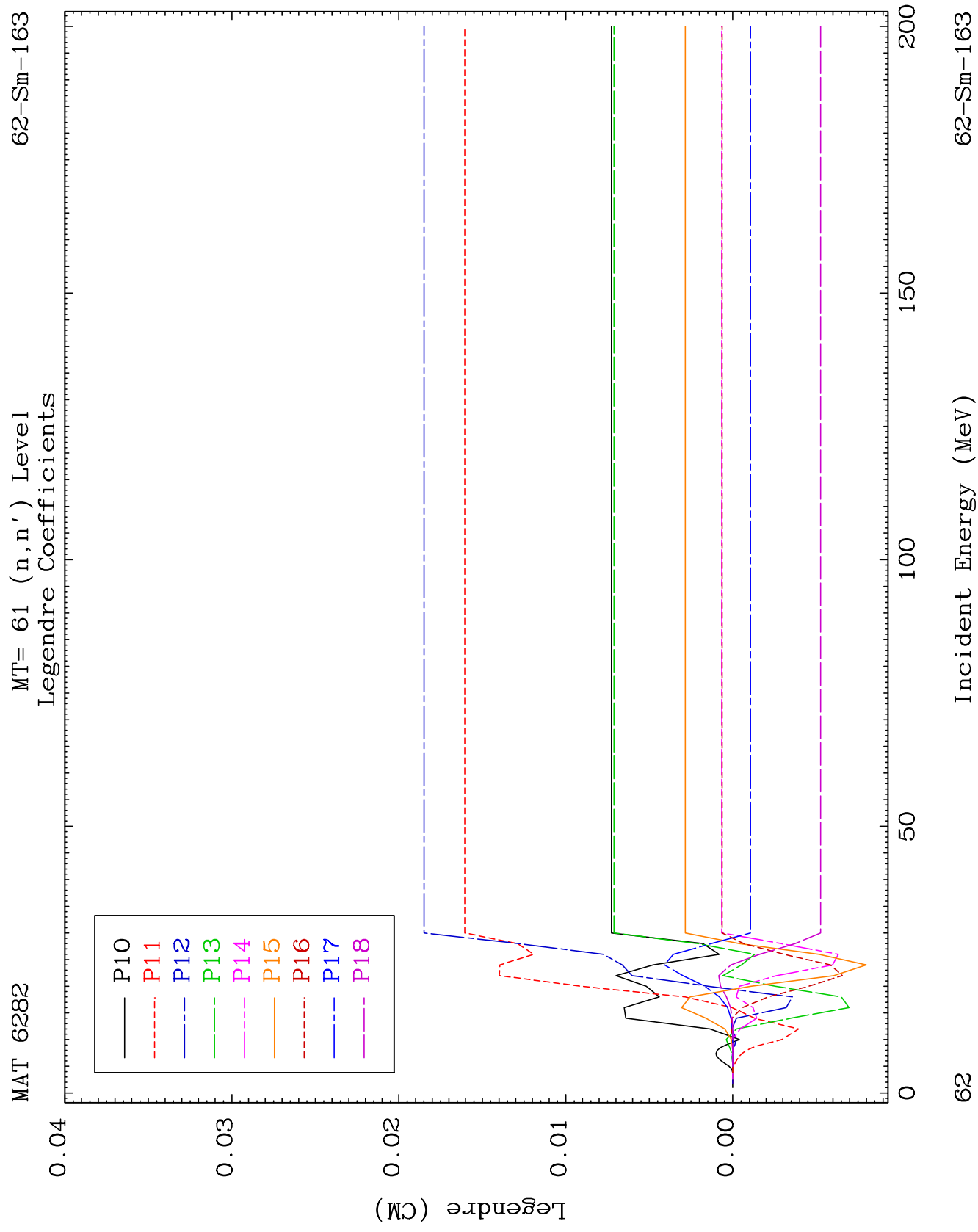


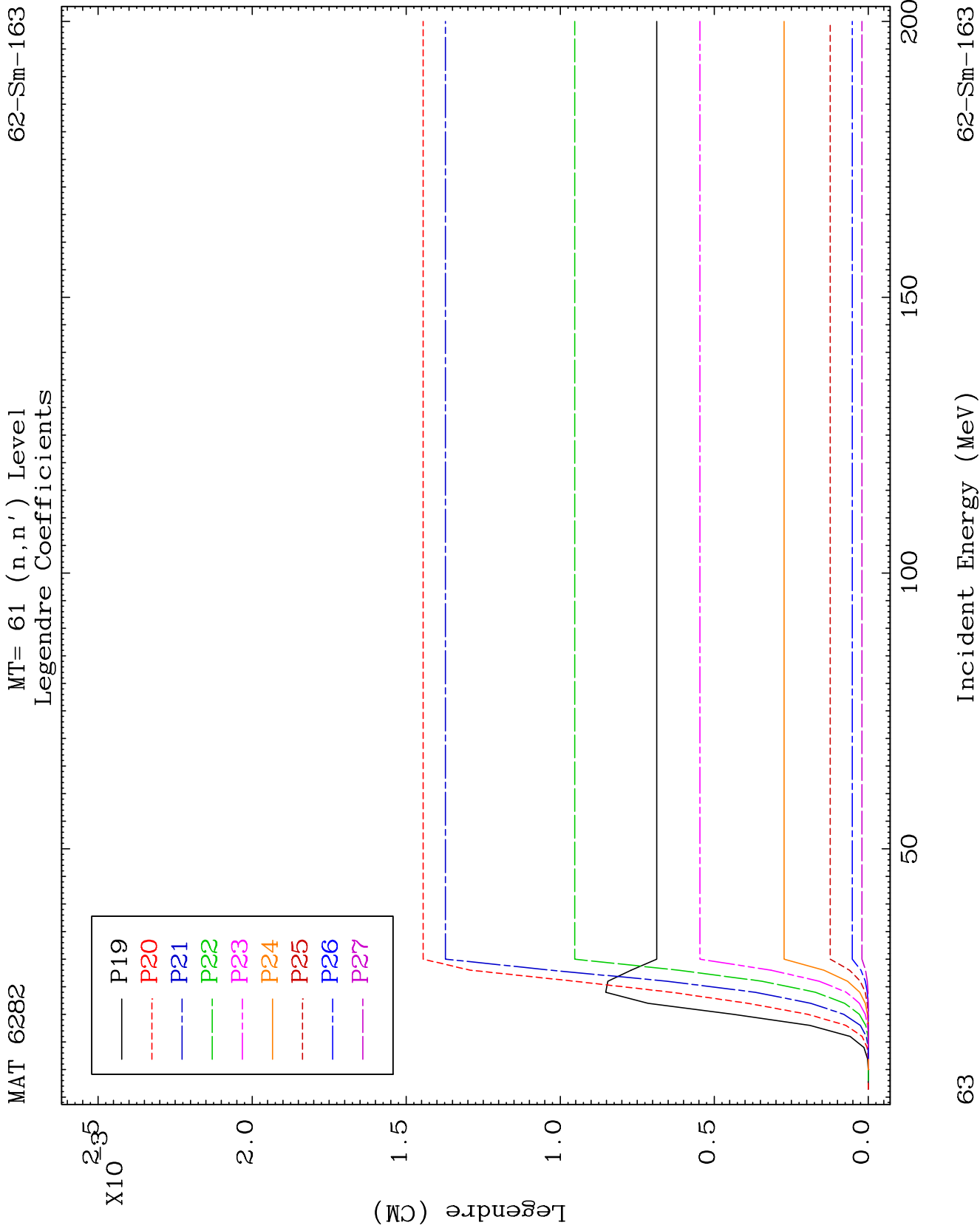
MAT 6282

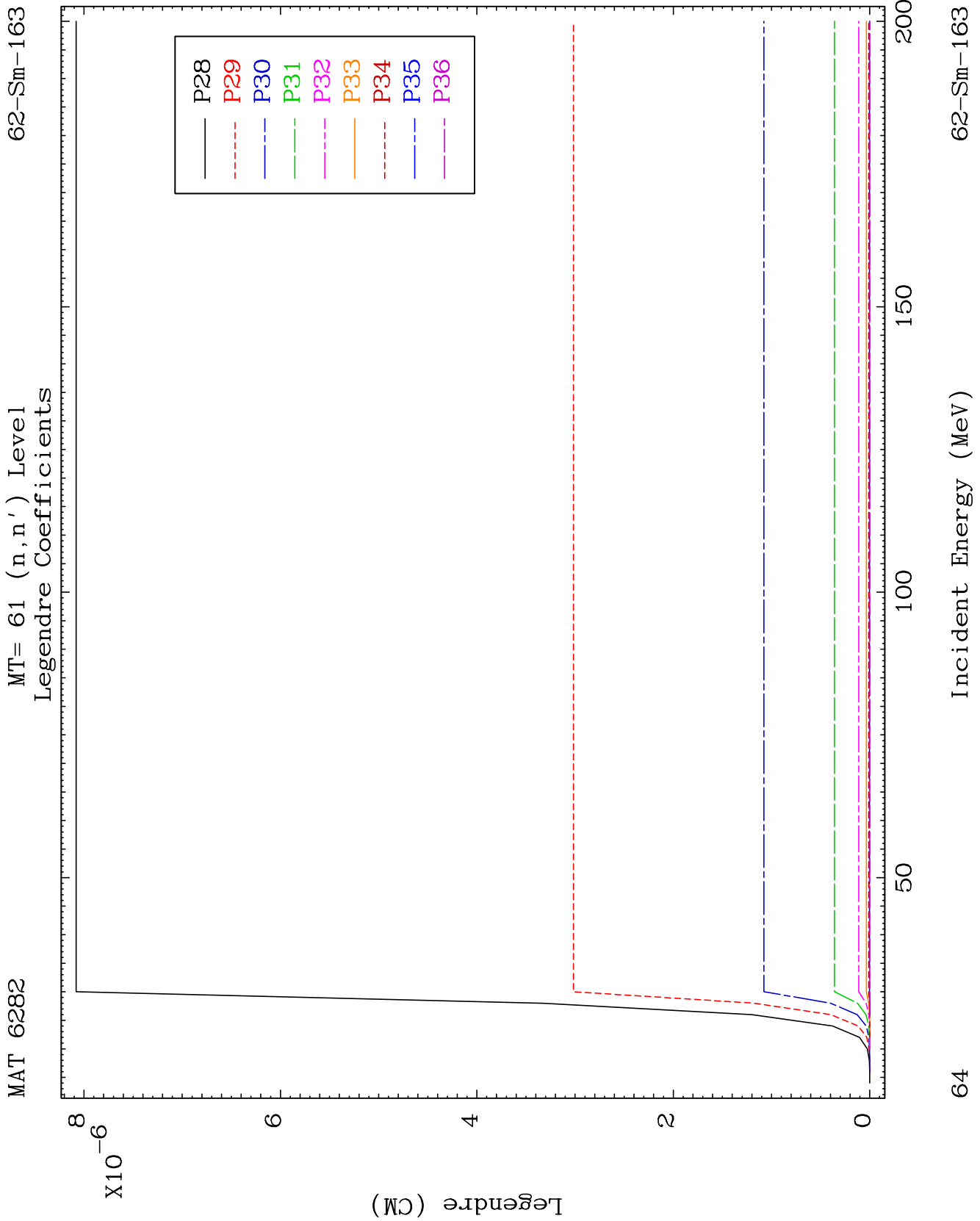
MT= 61 (n, n') Level
Legendre Coefficients

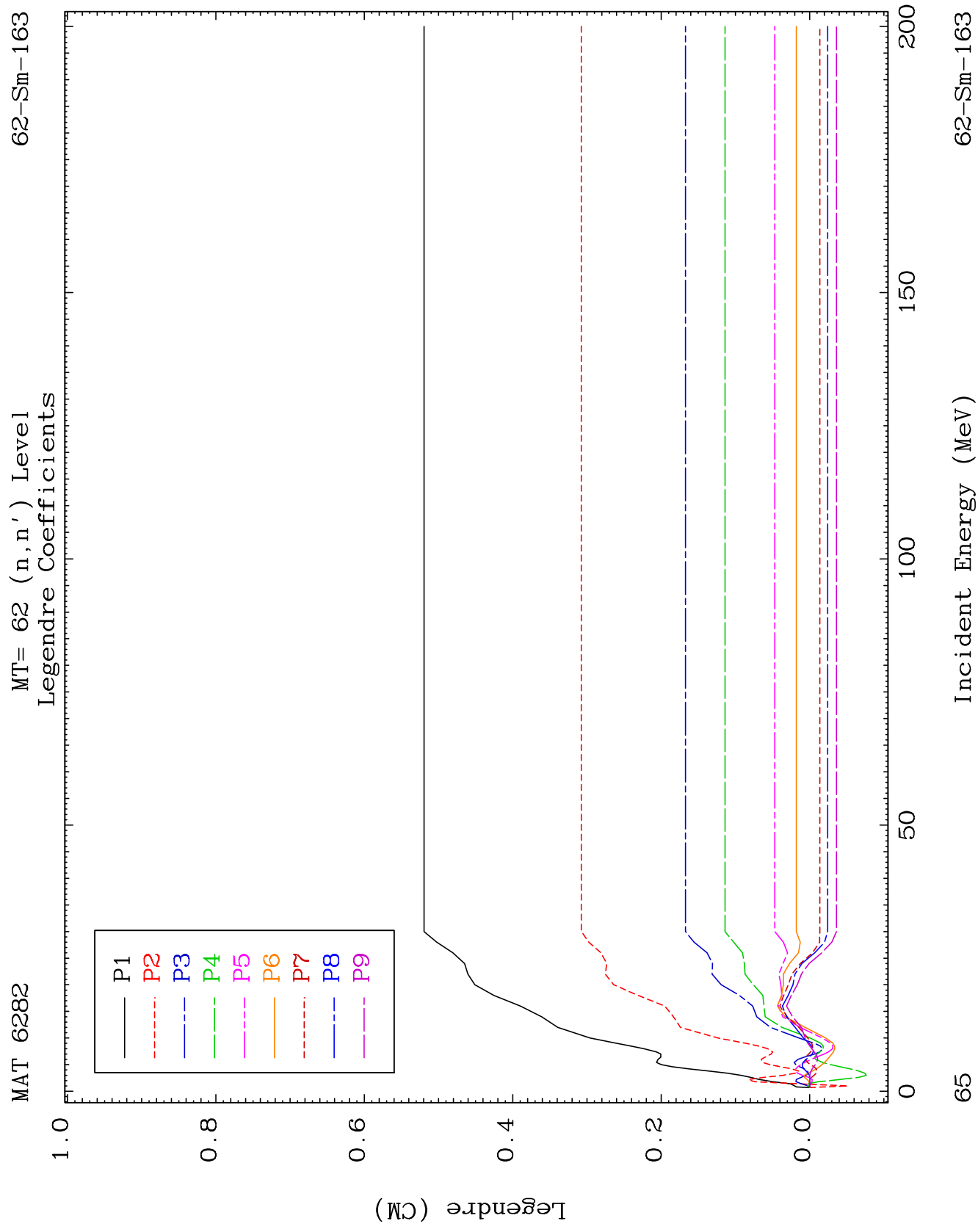
62-Sm-163

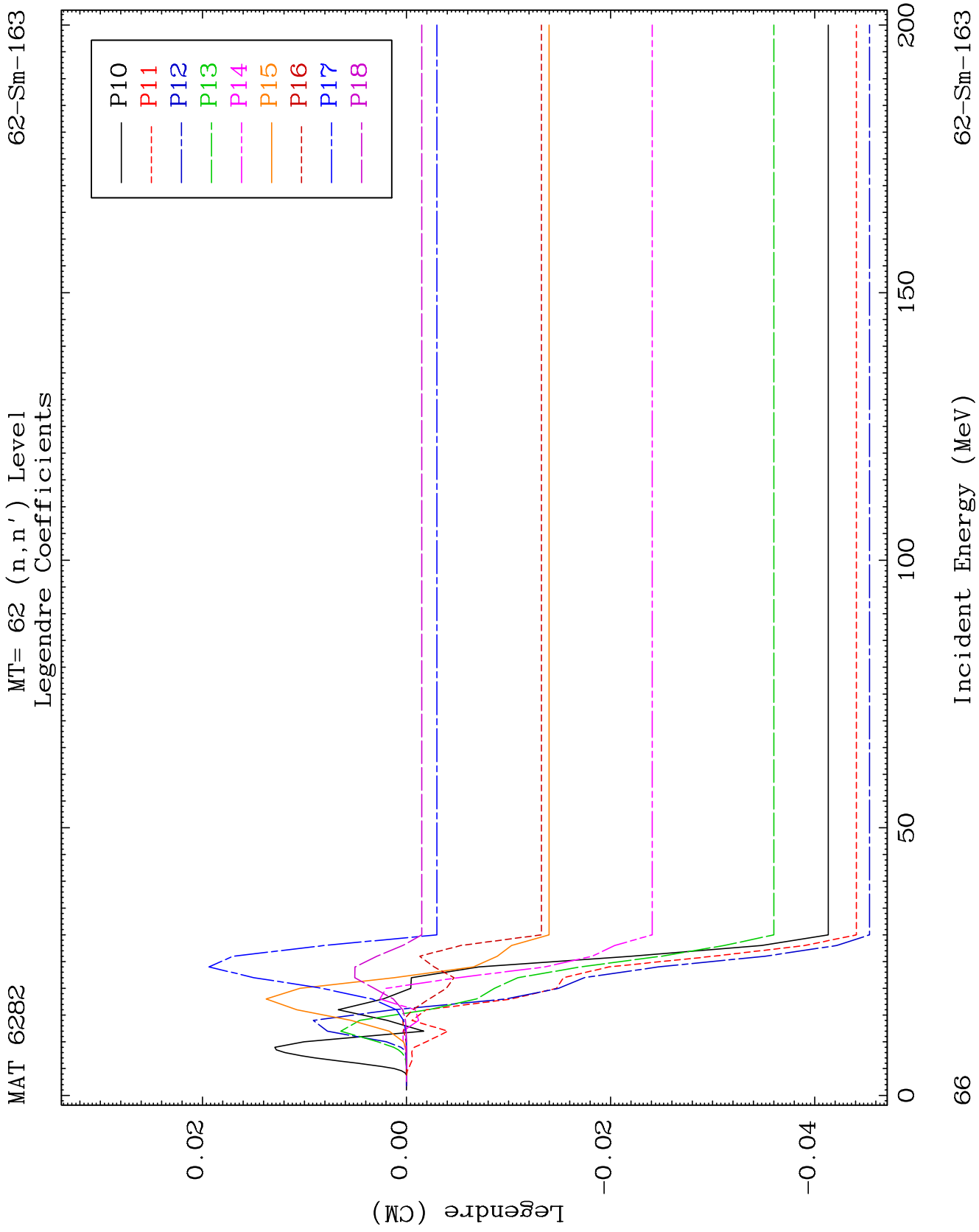








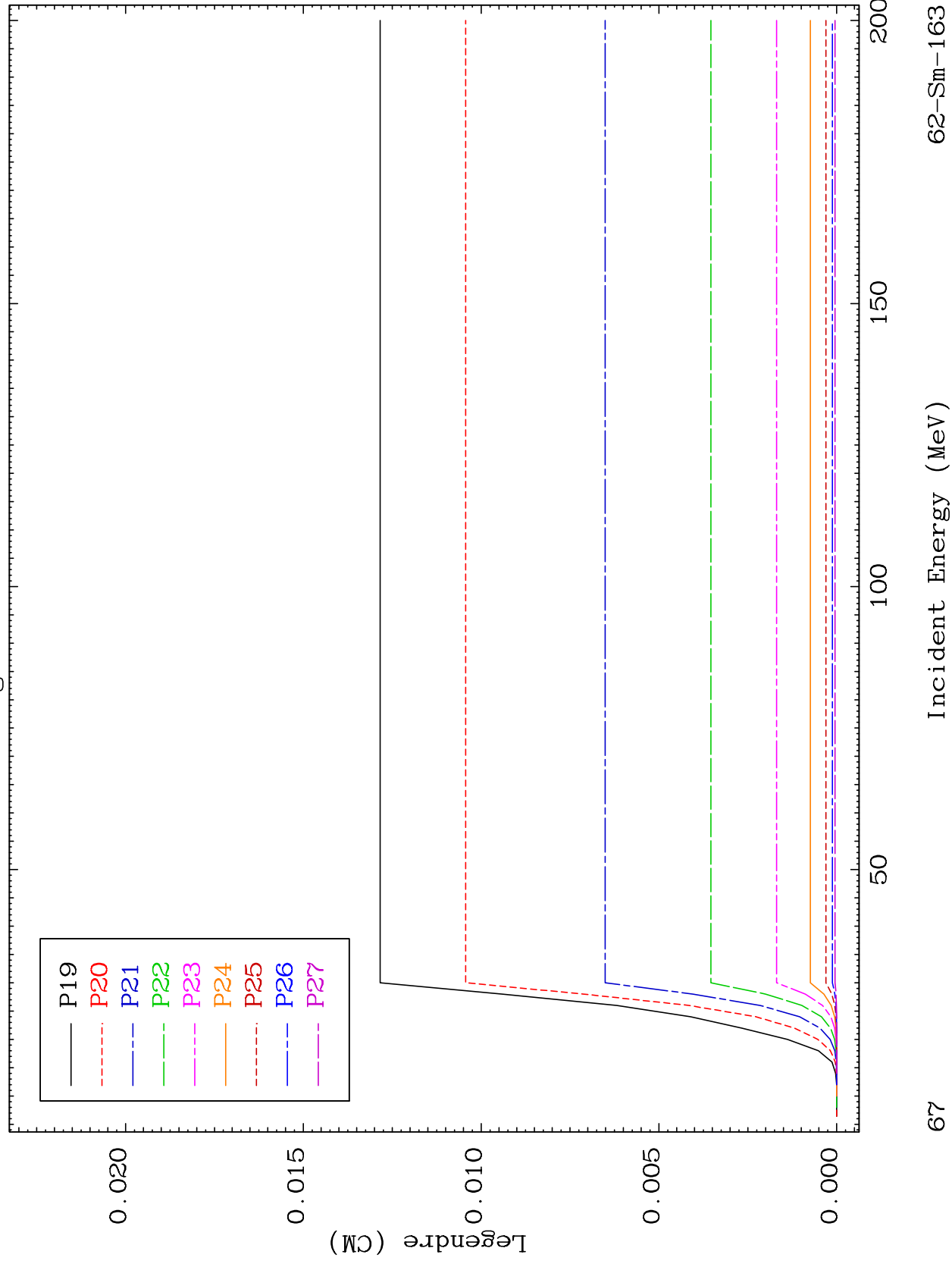


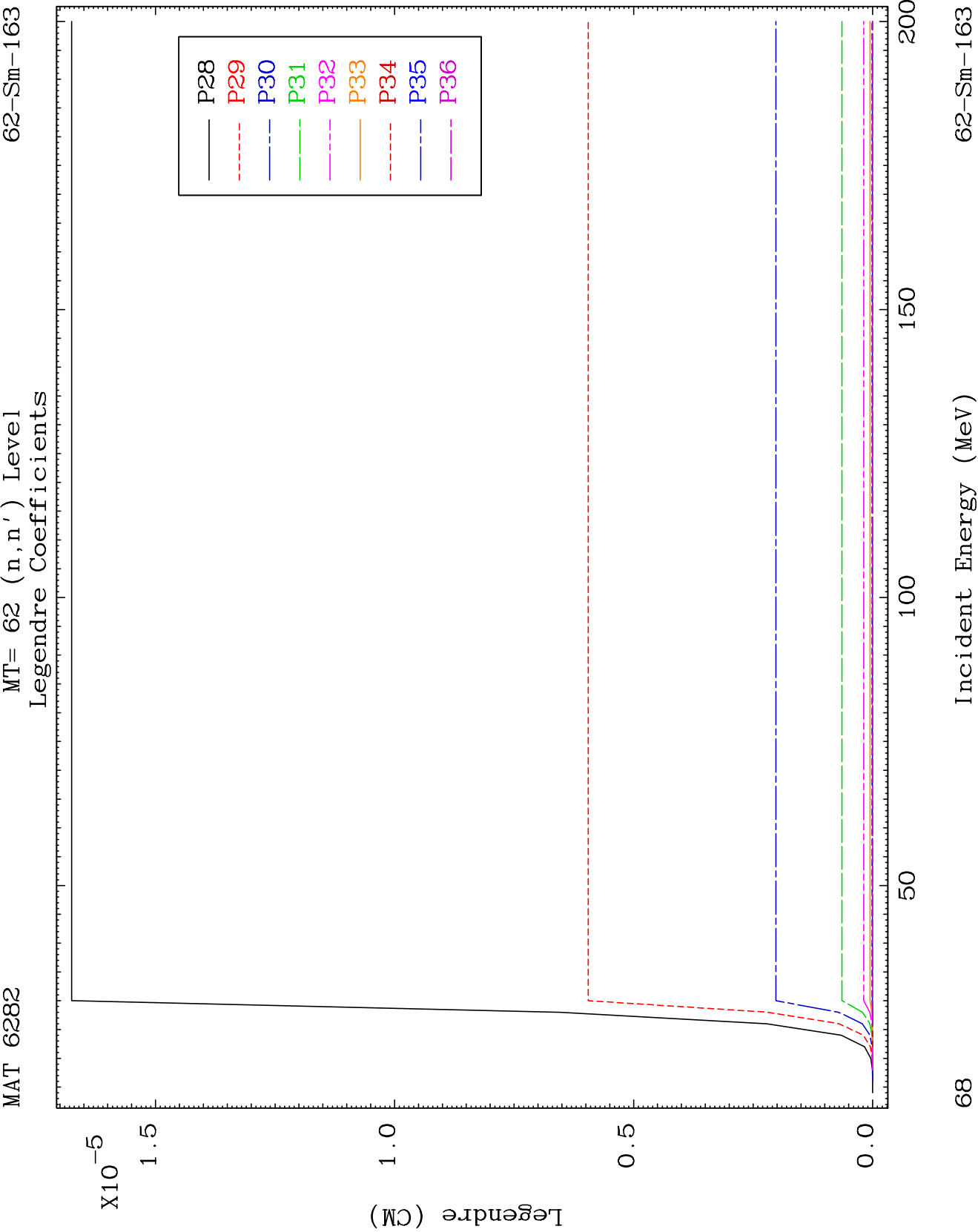


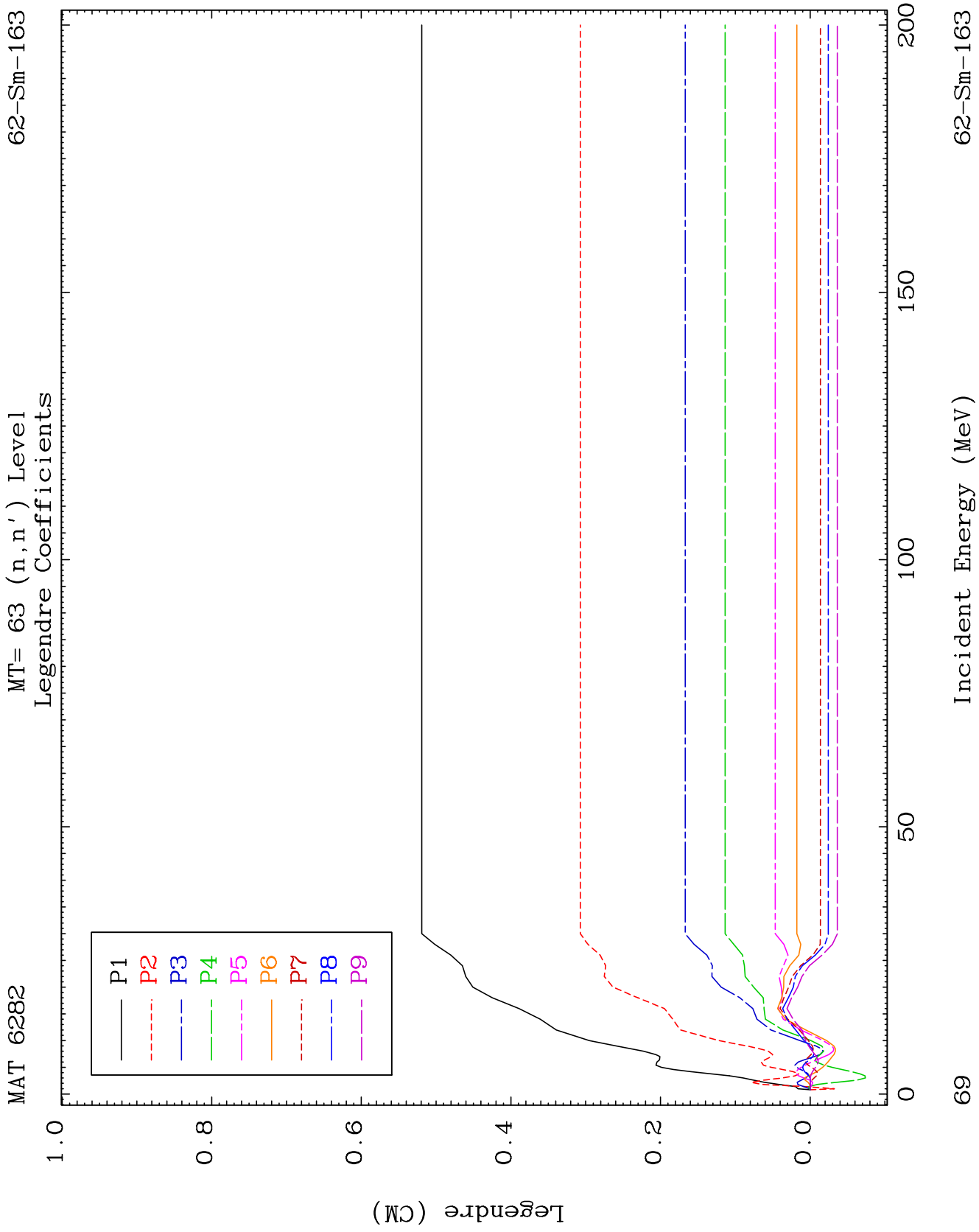
MAT 6282

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

62-Sm-163



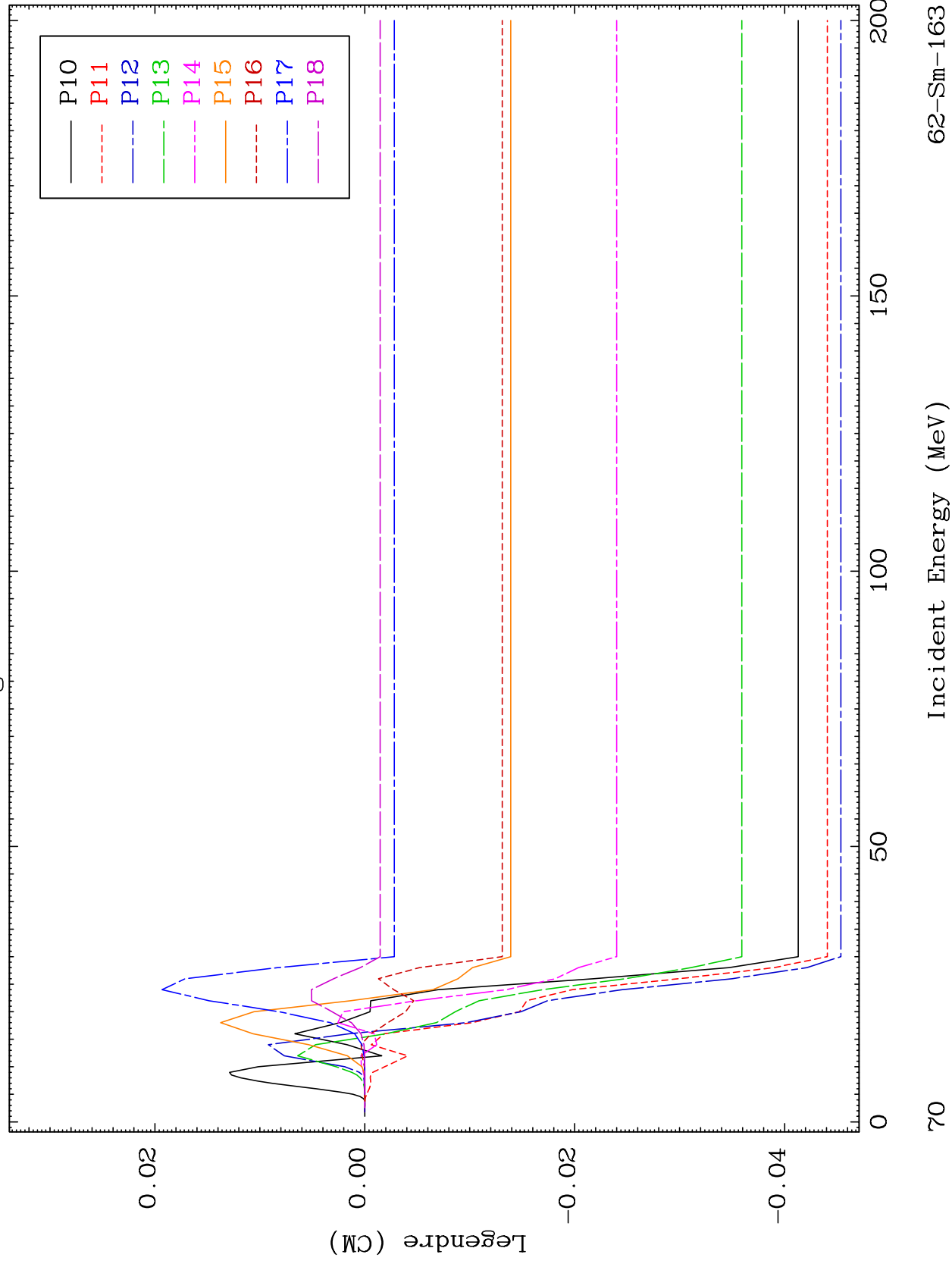


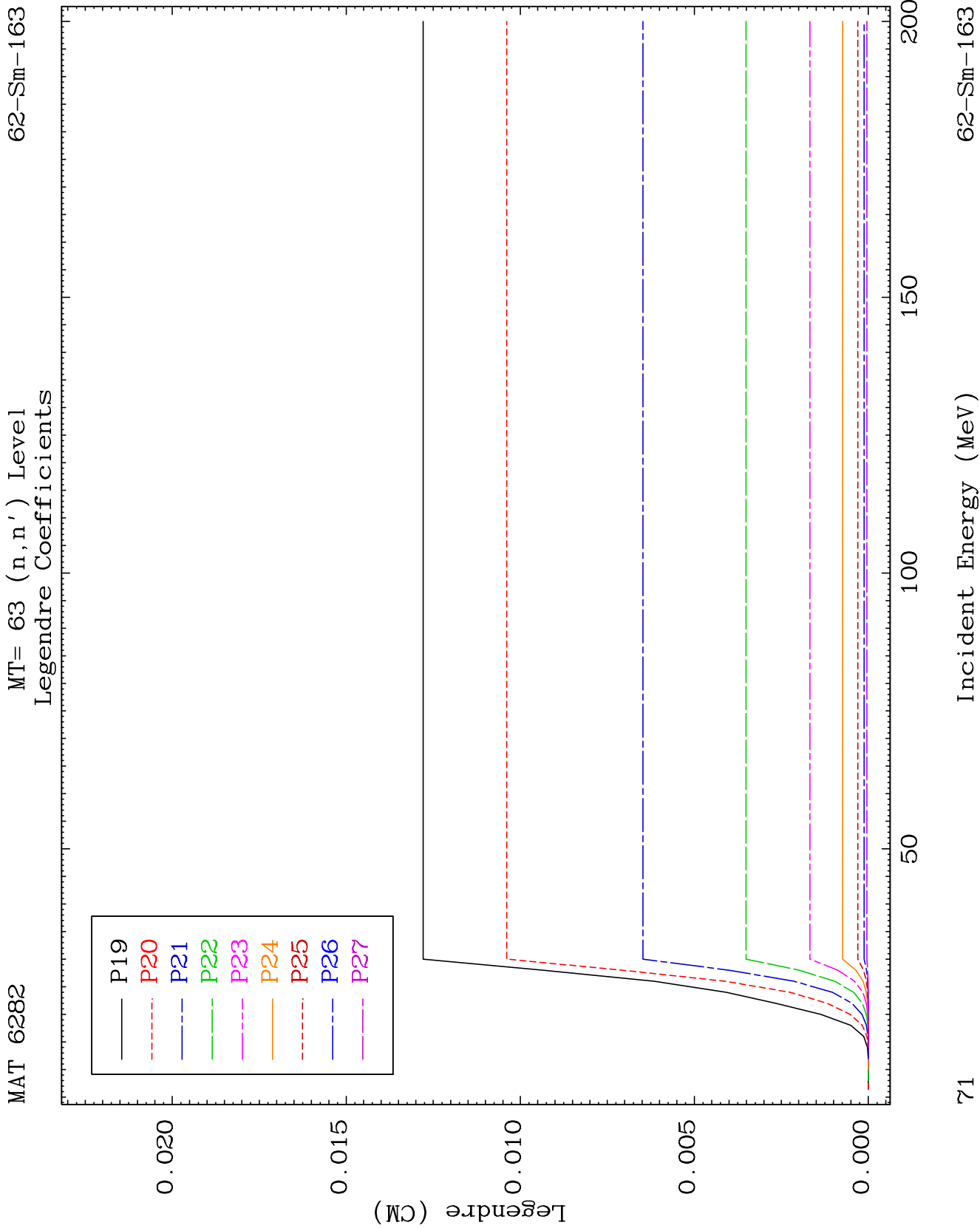


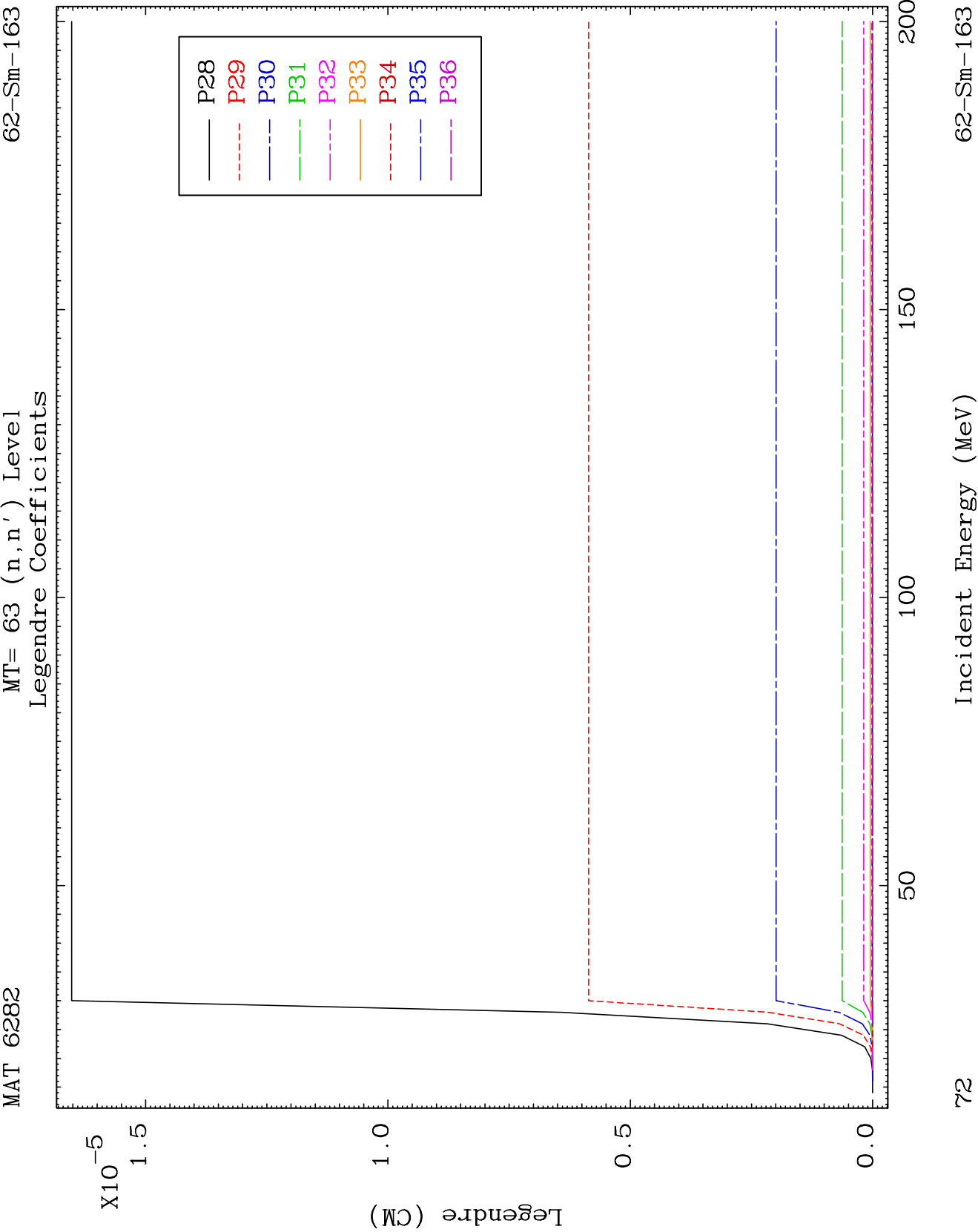
MAT 6282

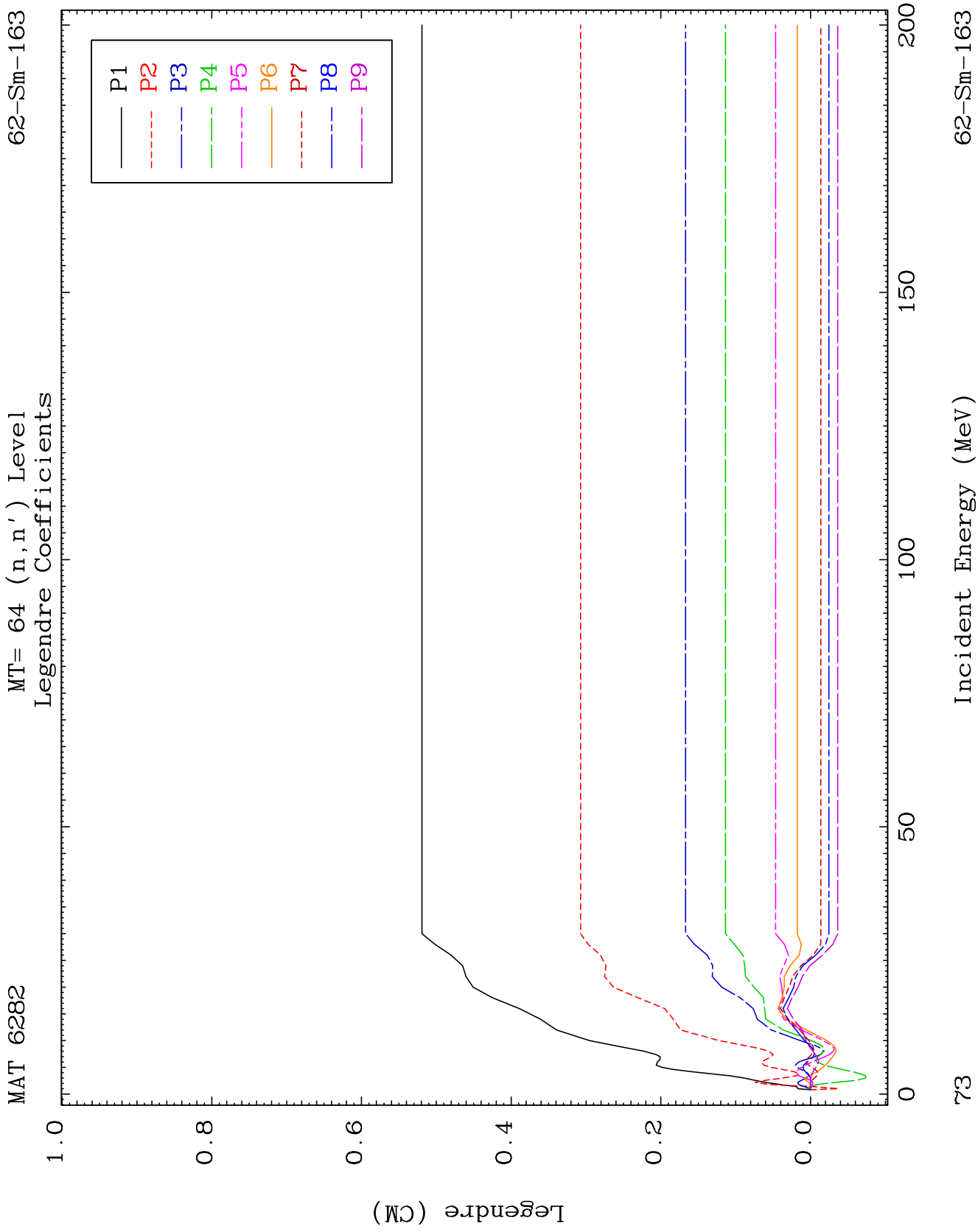
MT= 63 (n, n') Level
Legendre Coefficients

62-Sm-163





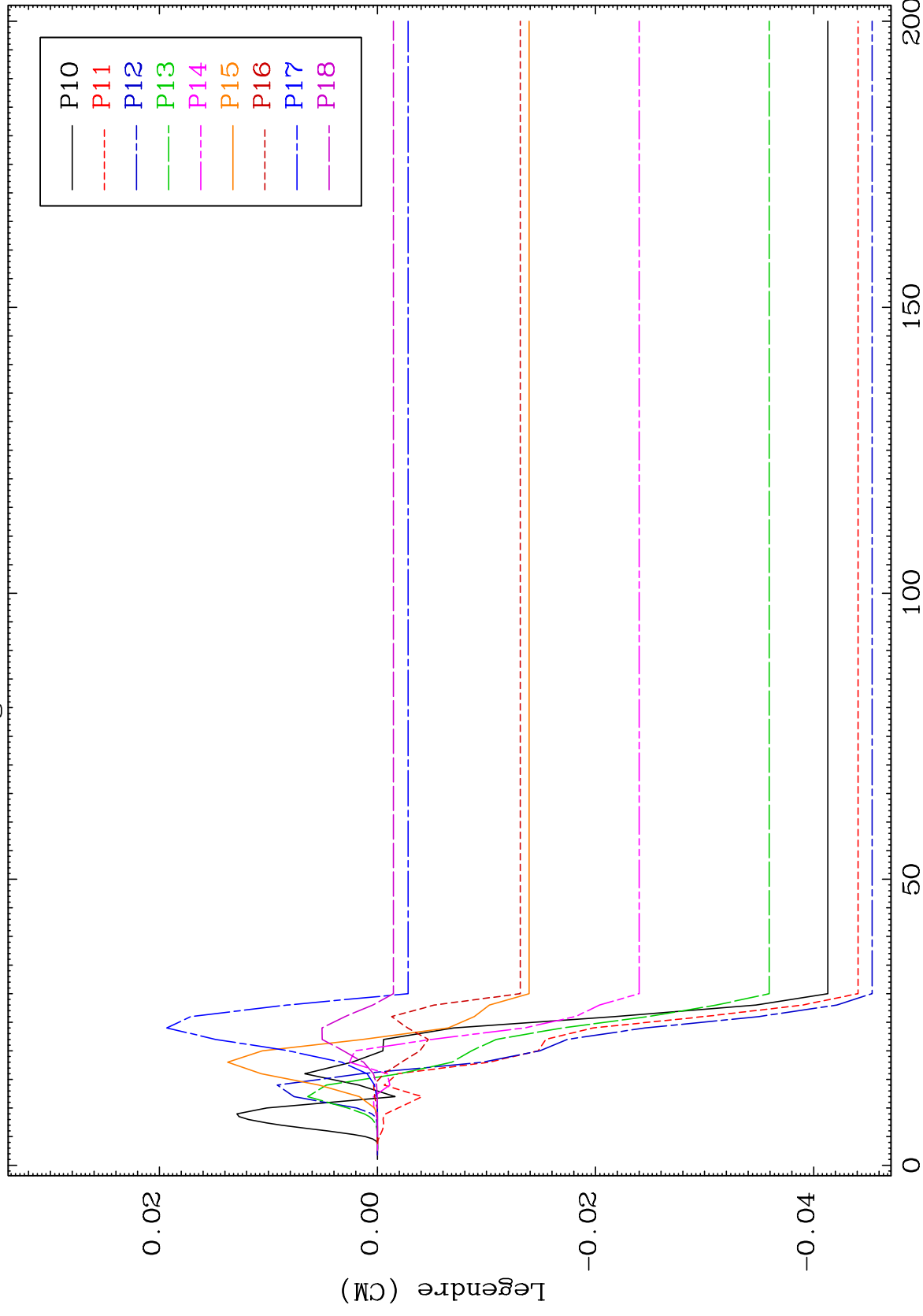




MAT 6282

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

62-Sm-163



42

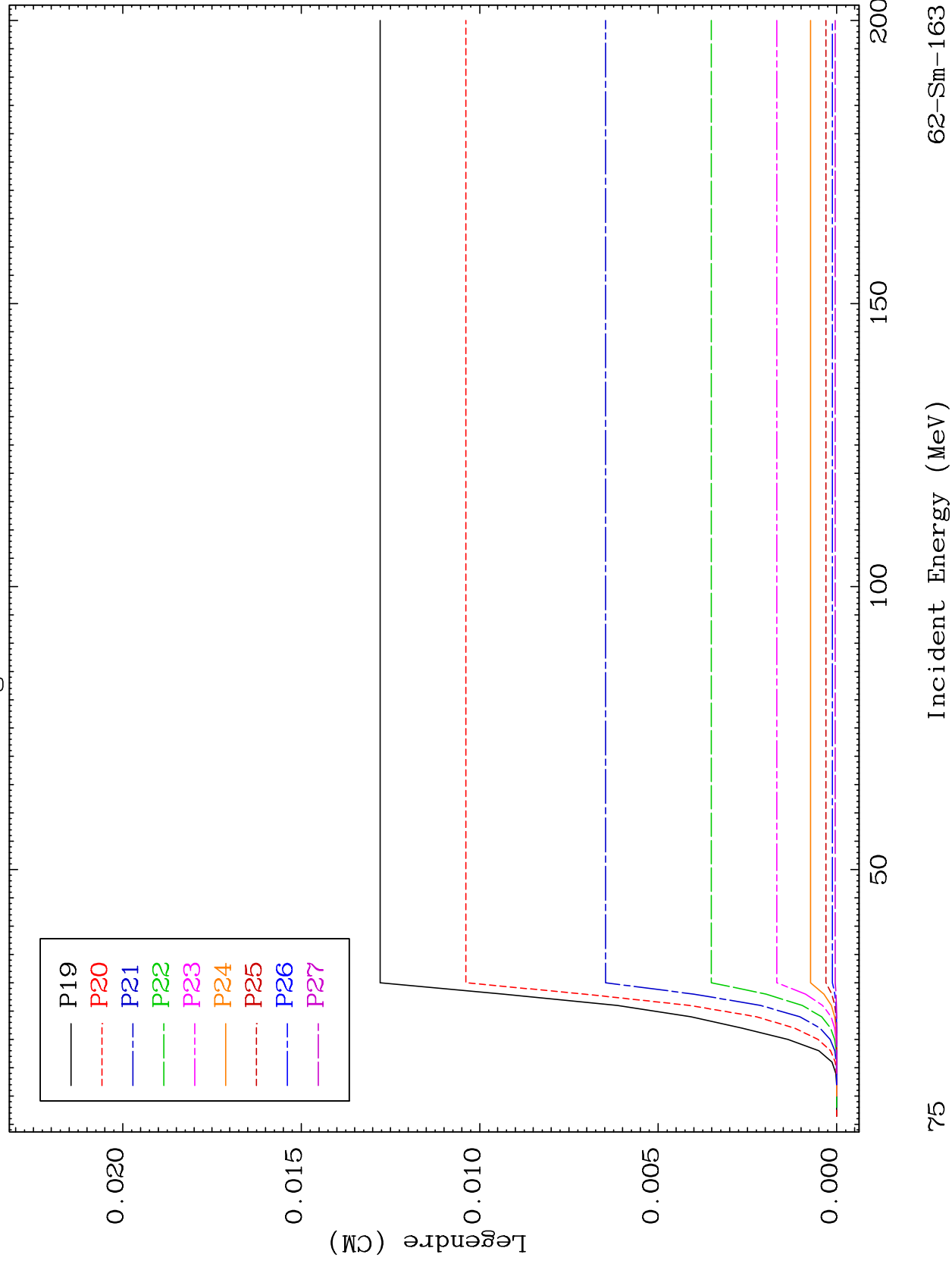
Incident Energy (MeV)

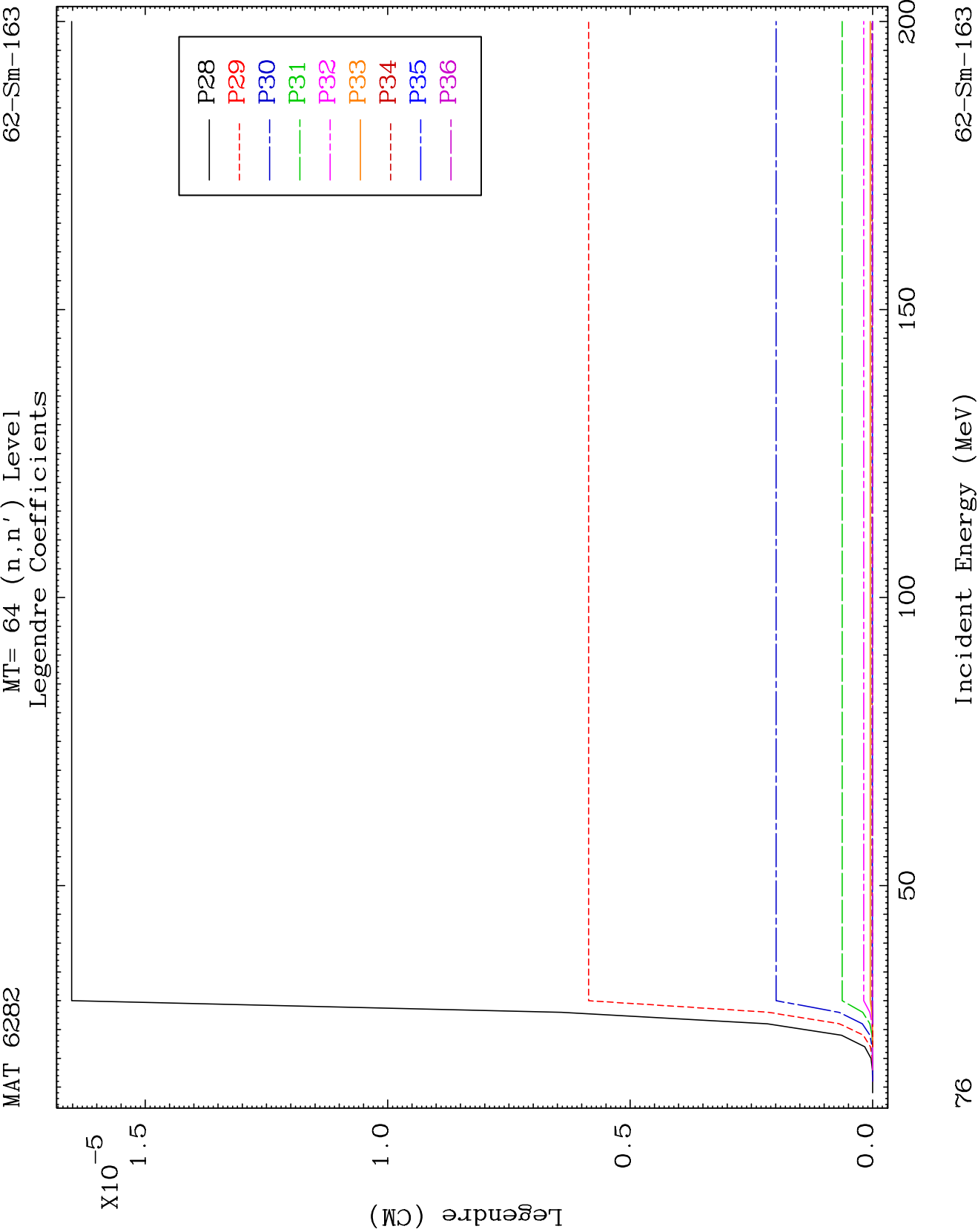
62-Sm-163

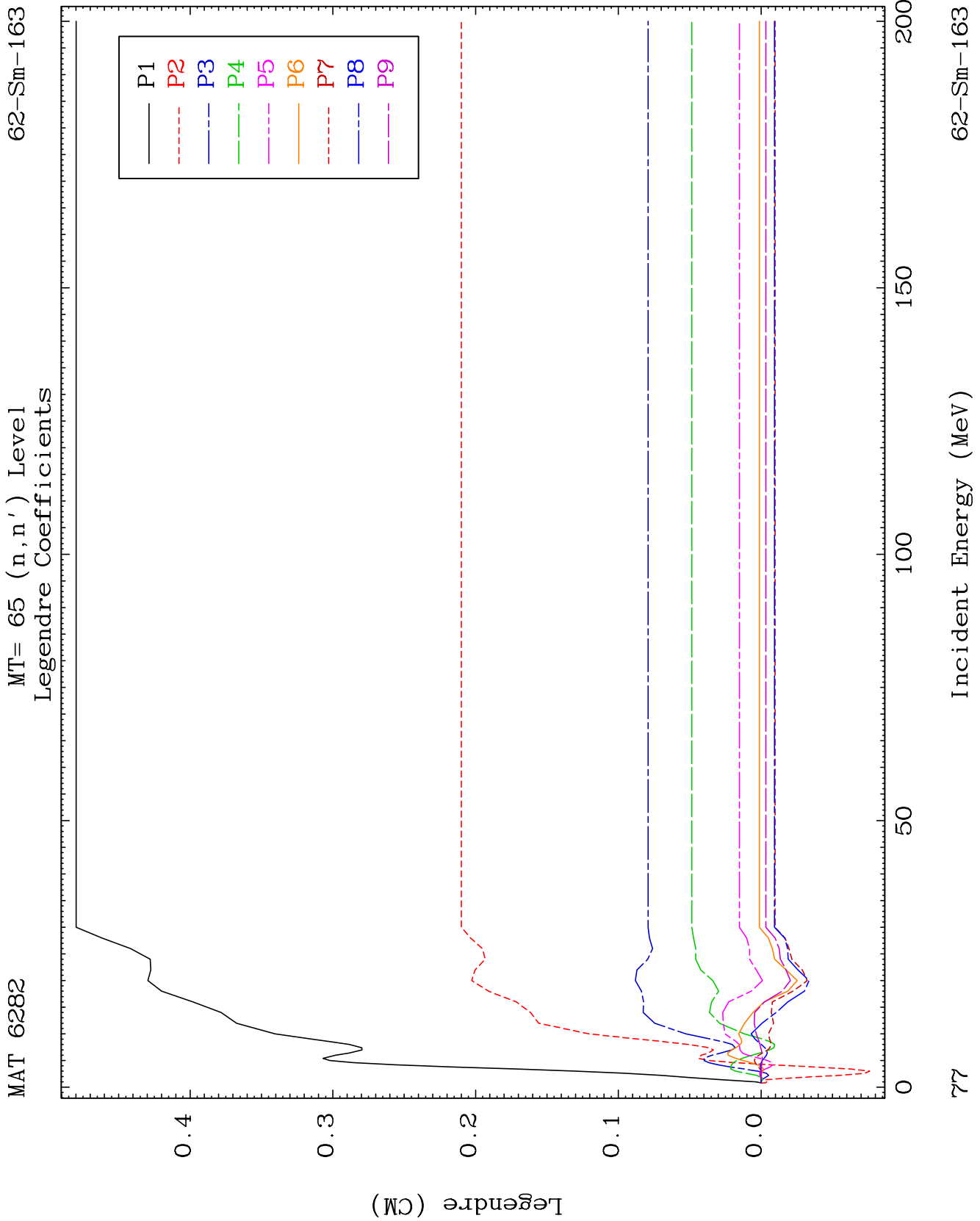
MAT 6282

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

62-Sm-163



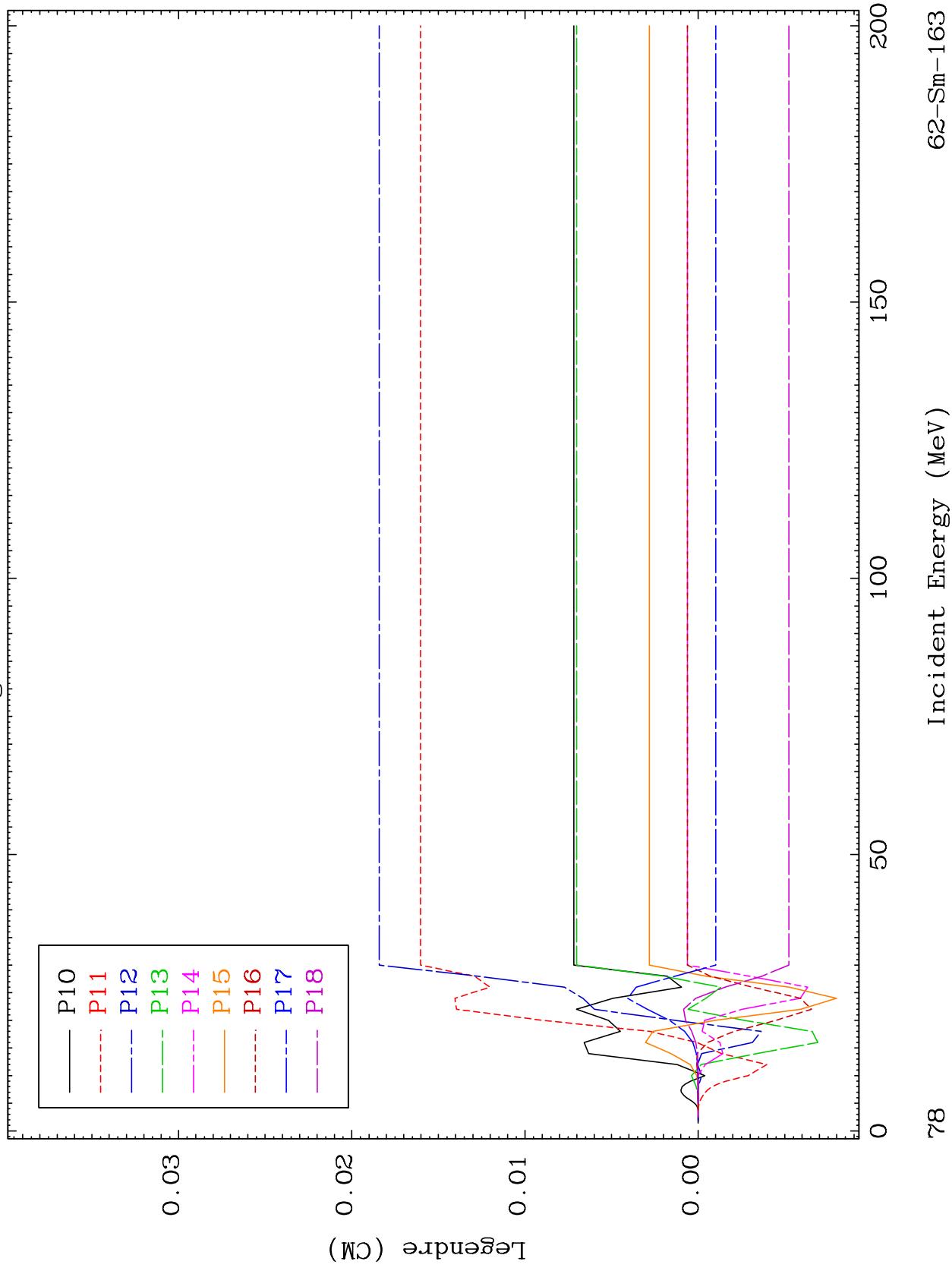


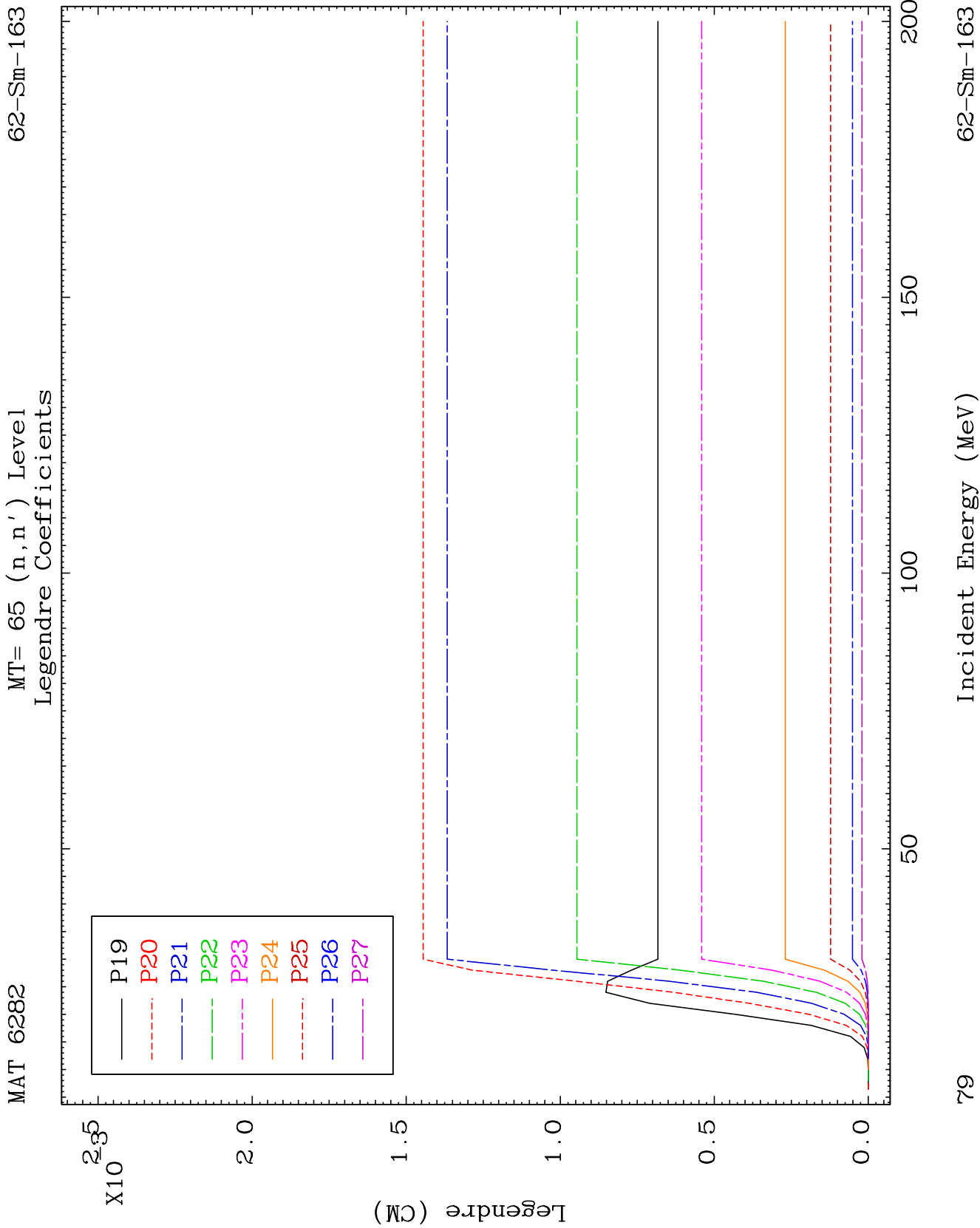


MAT 6282

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

62-Sm-163

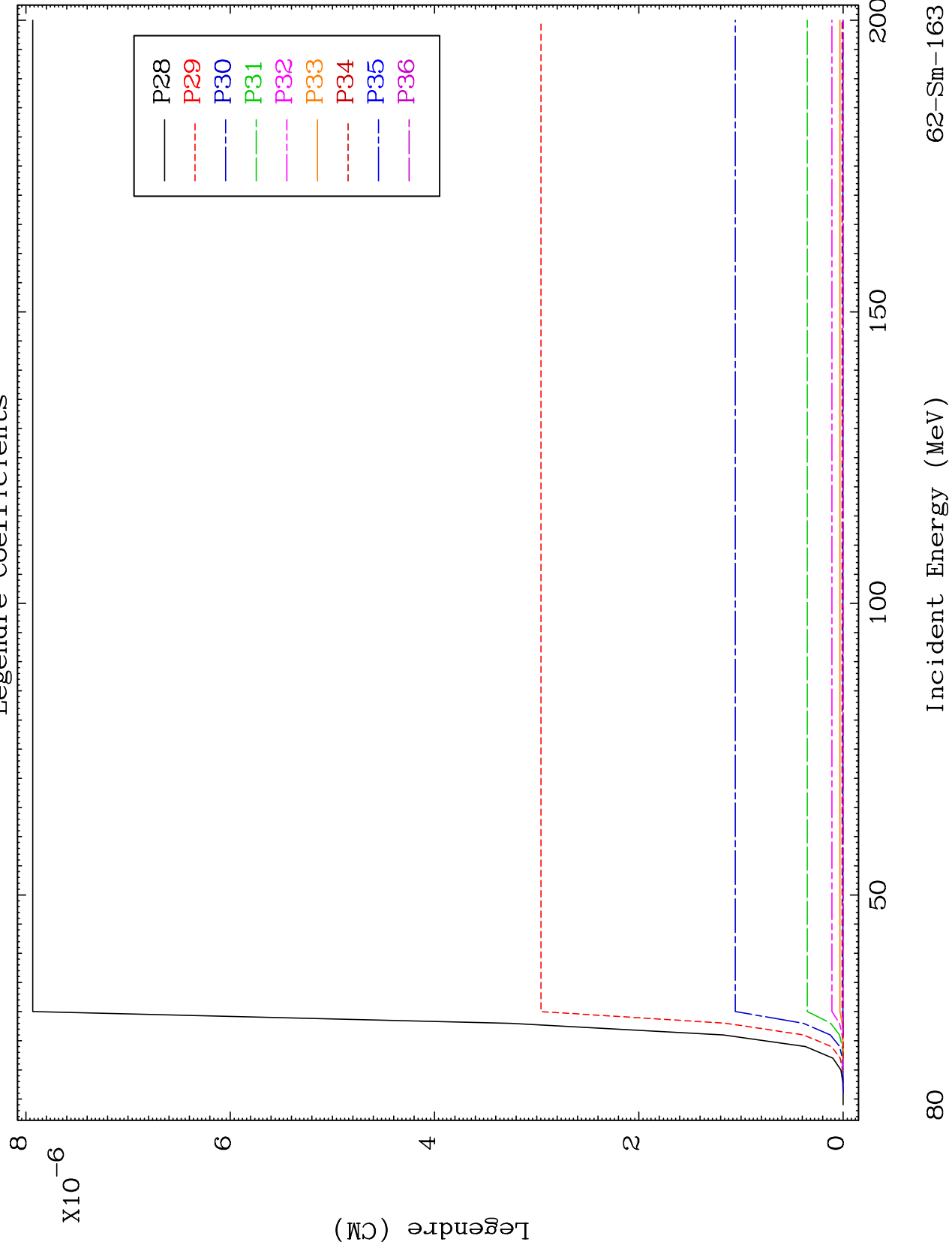


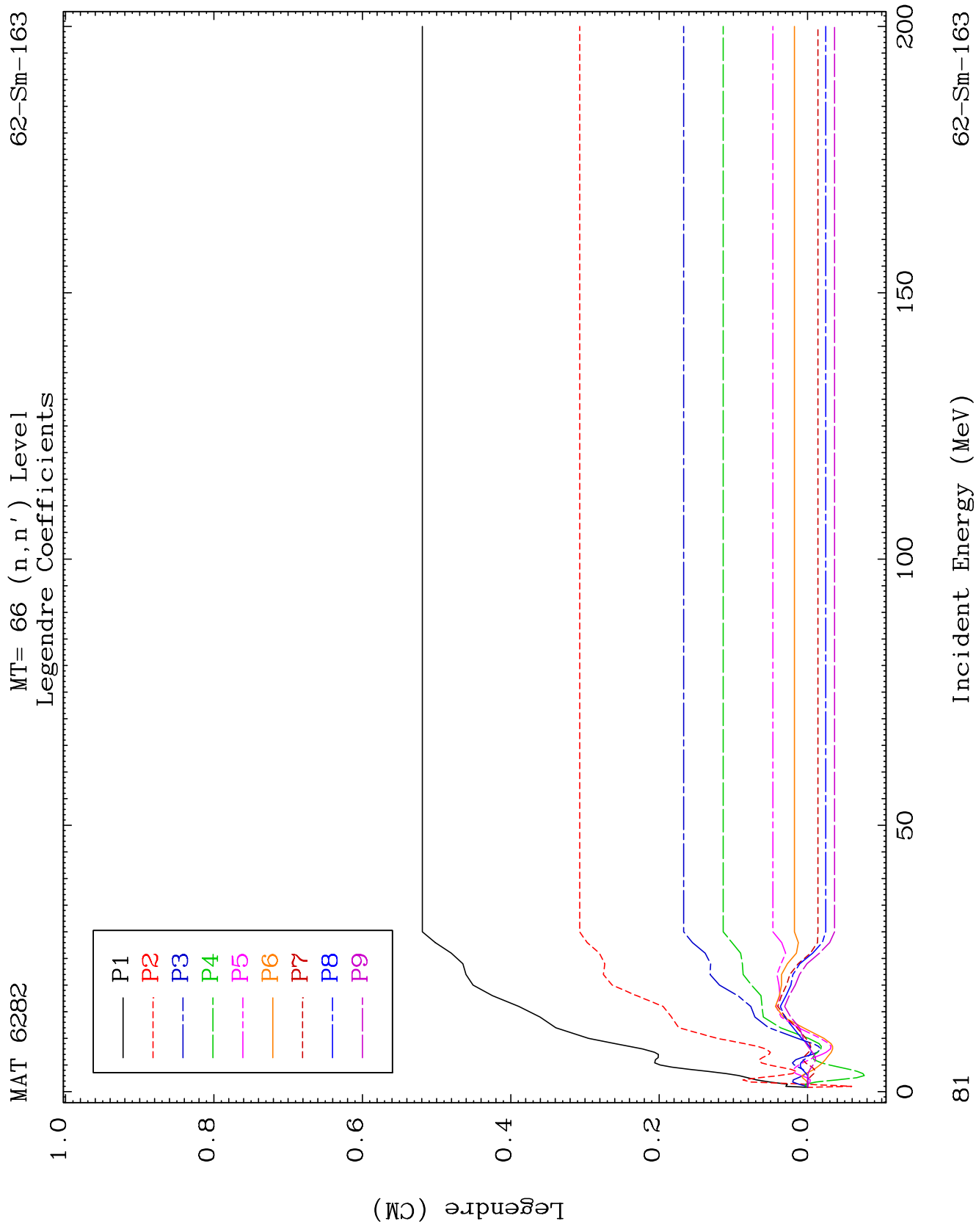


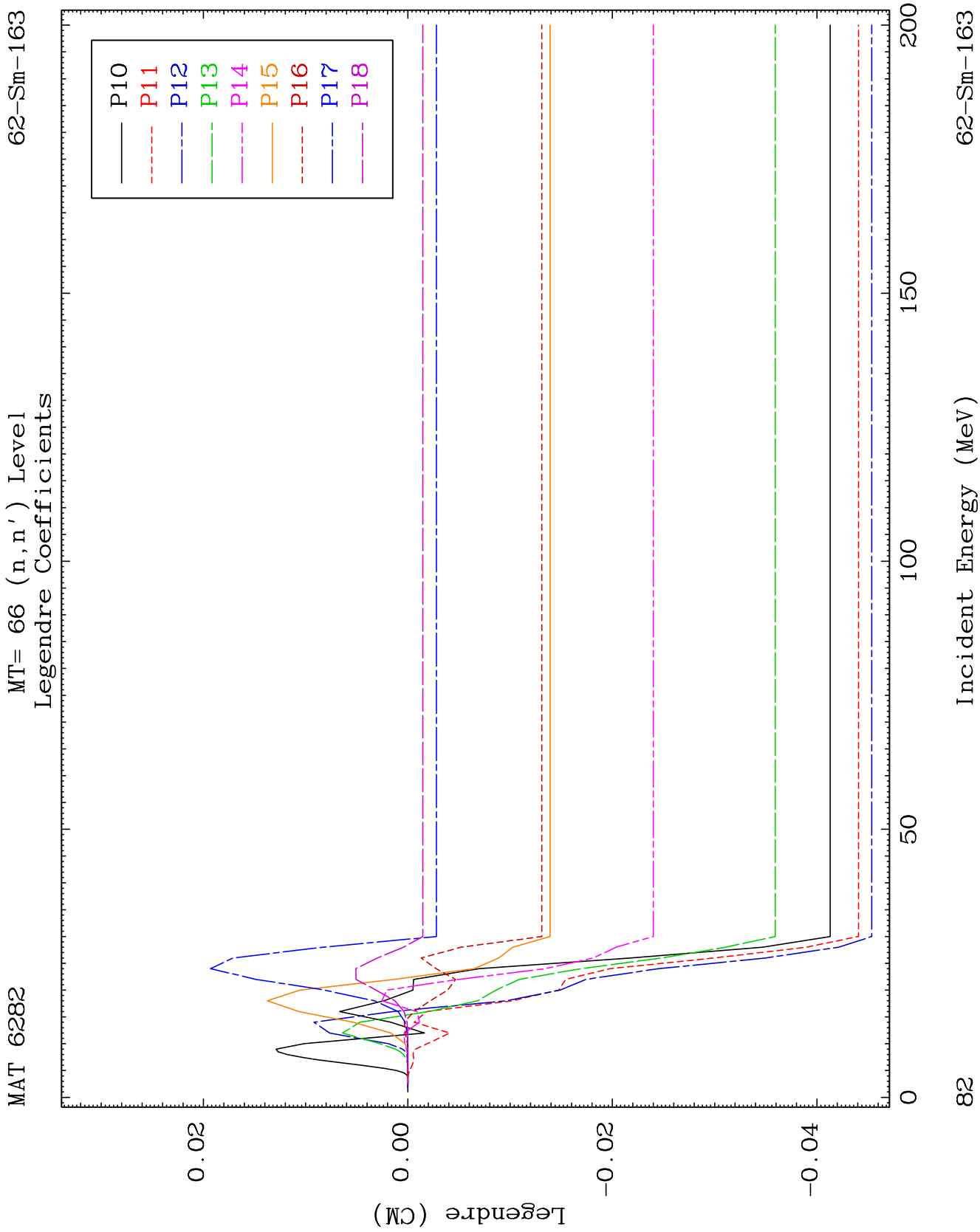
MAT 6282

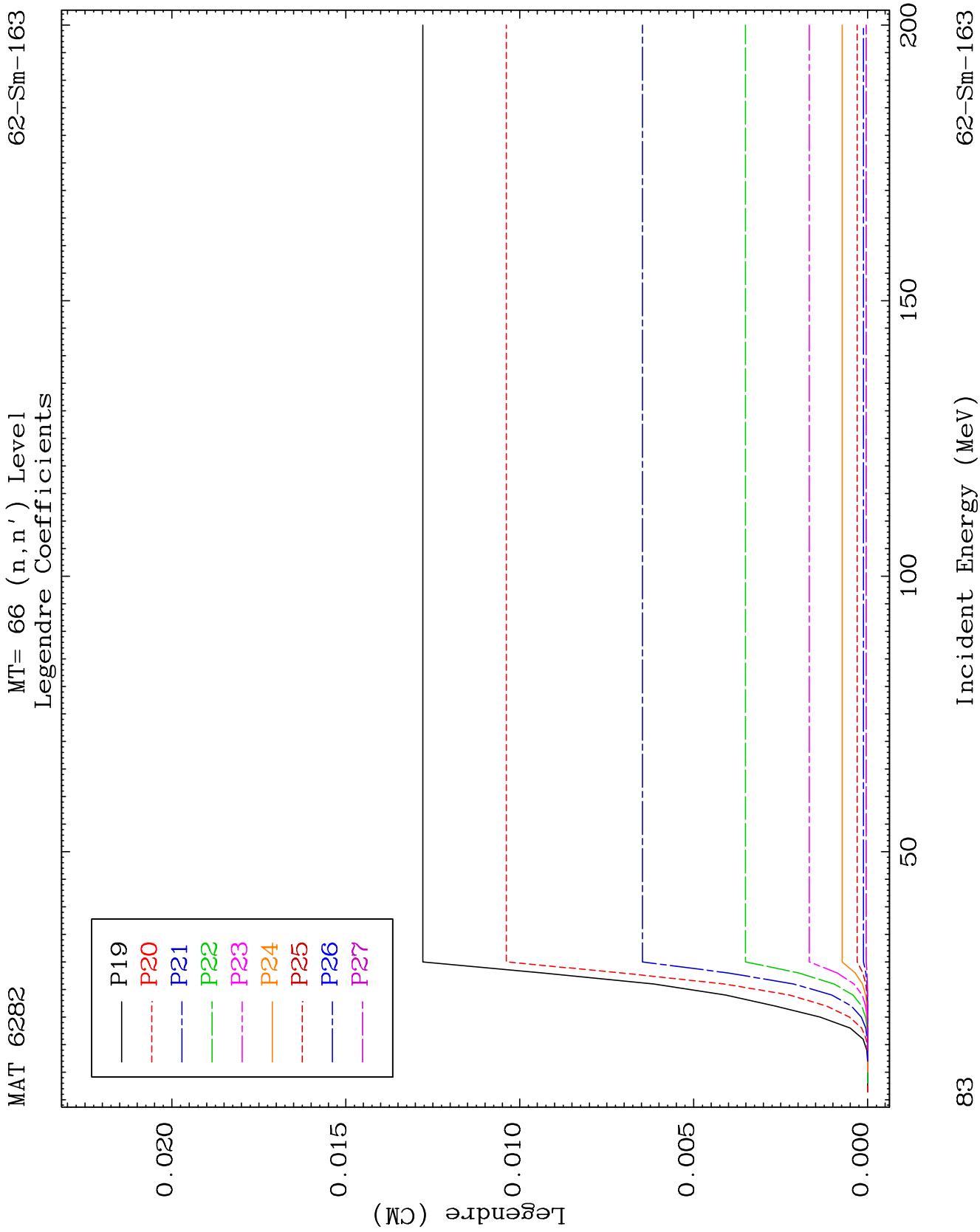
MT= 65 (n, n') Level
Legendre Coefficients

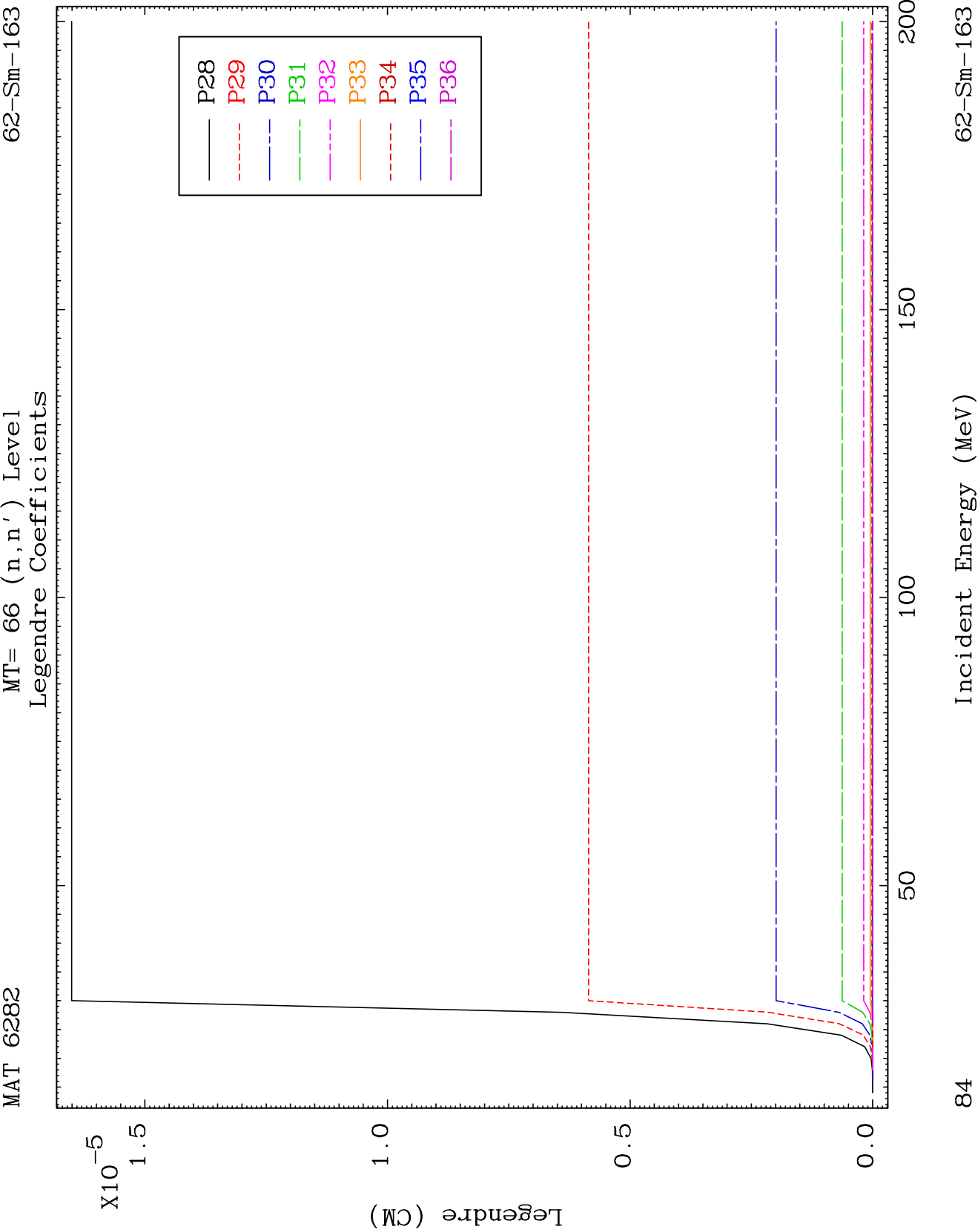
62-Sm-163

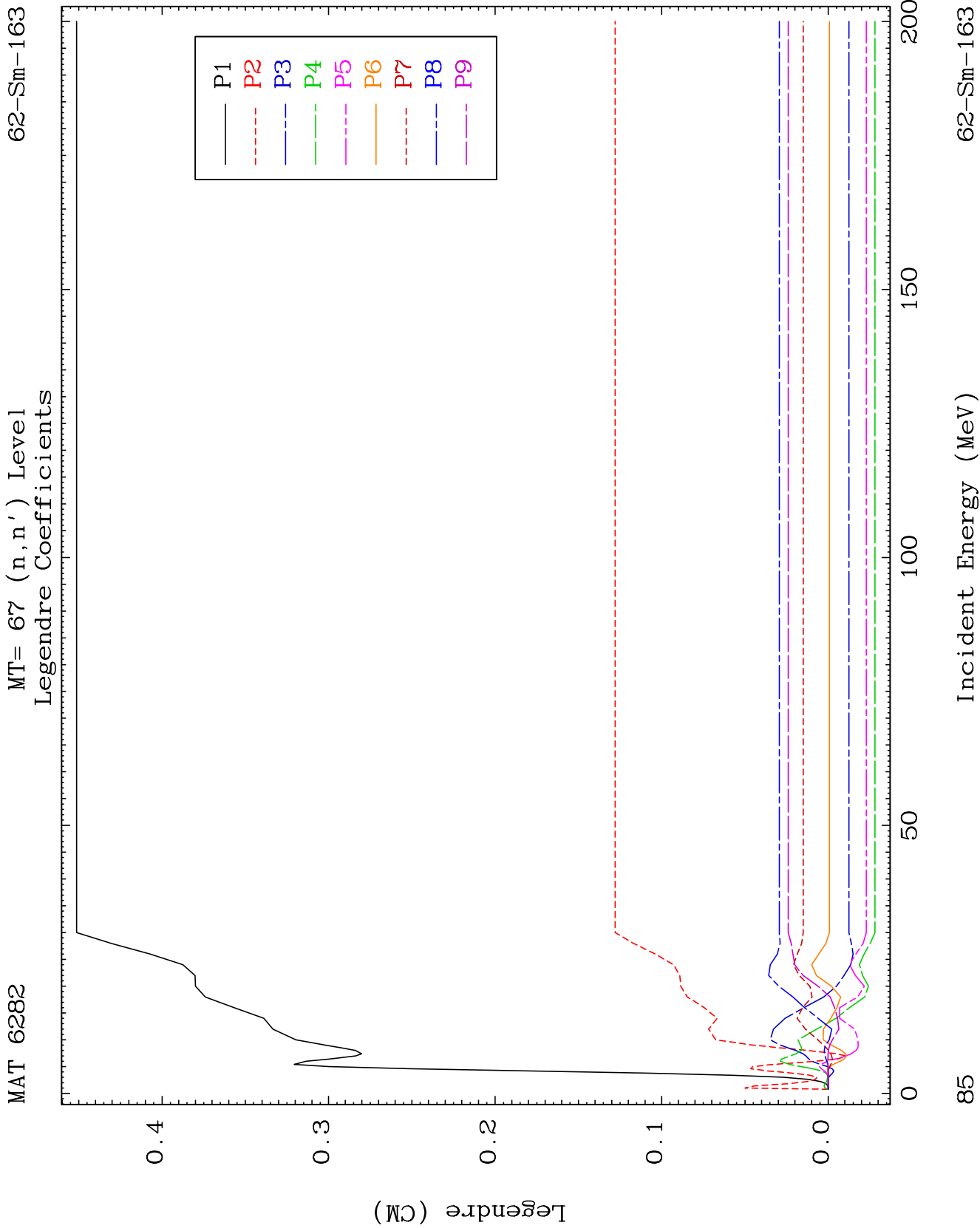








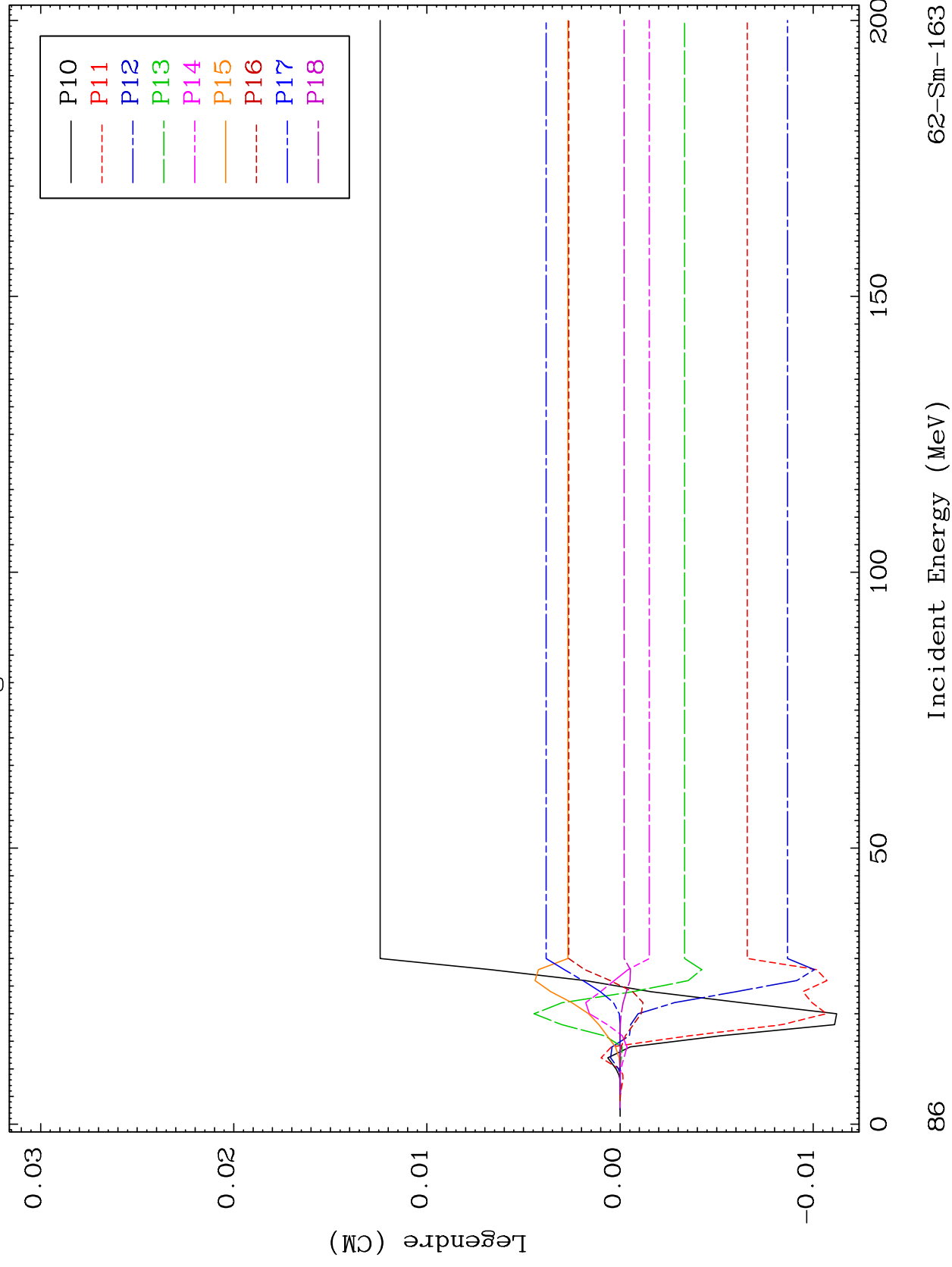


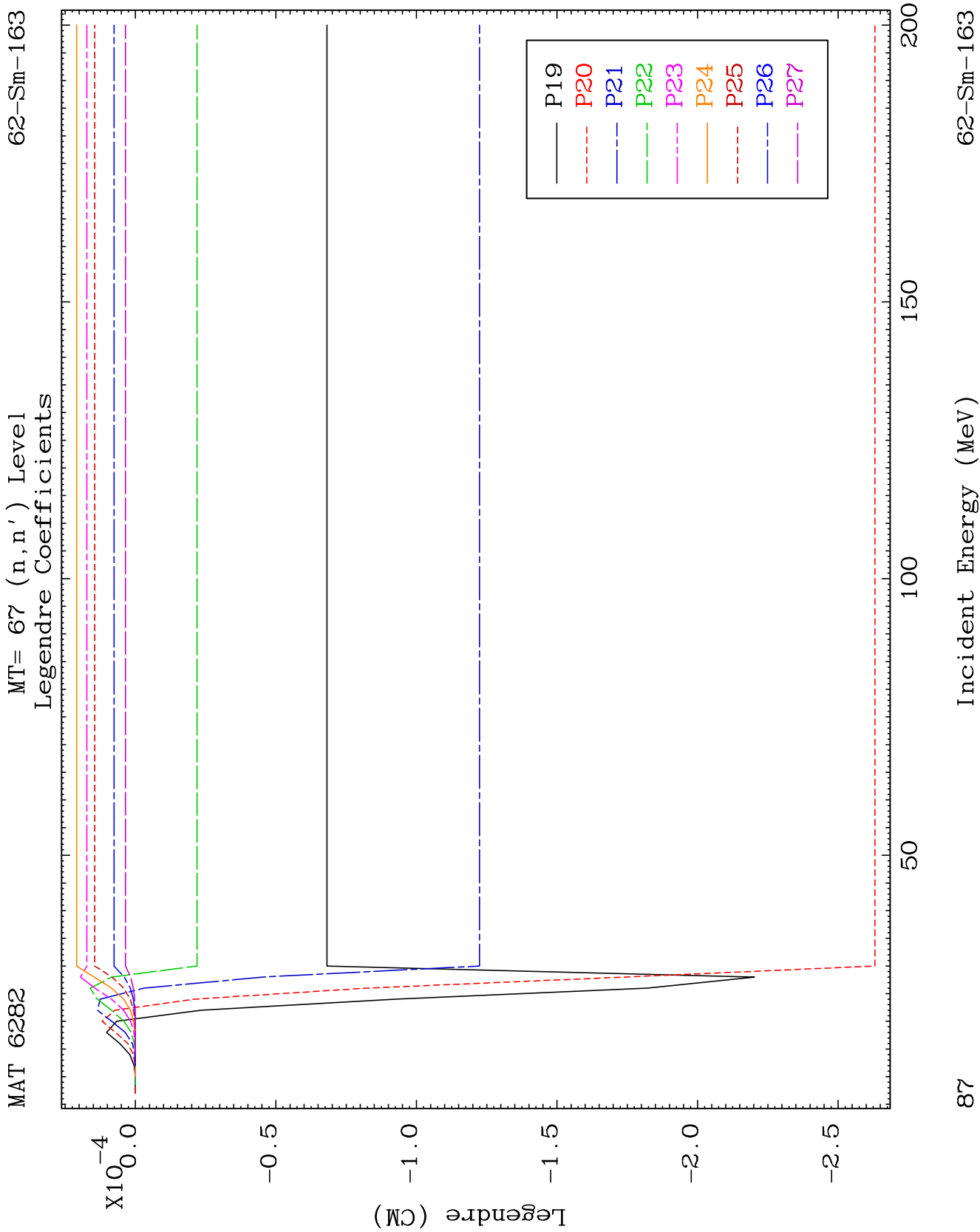


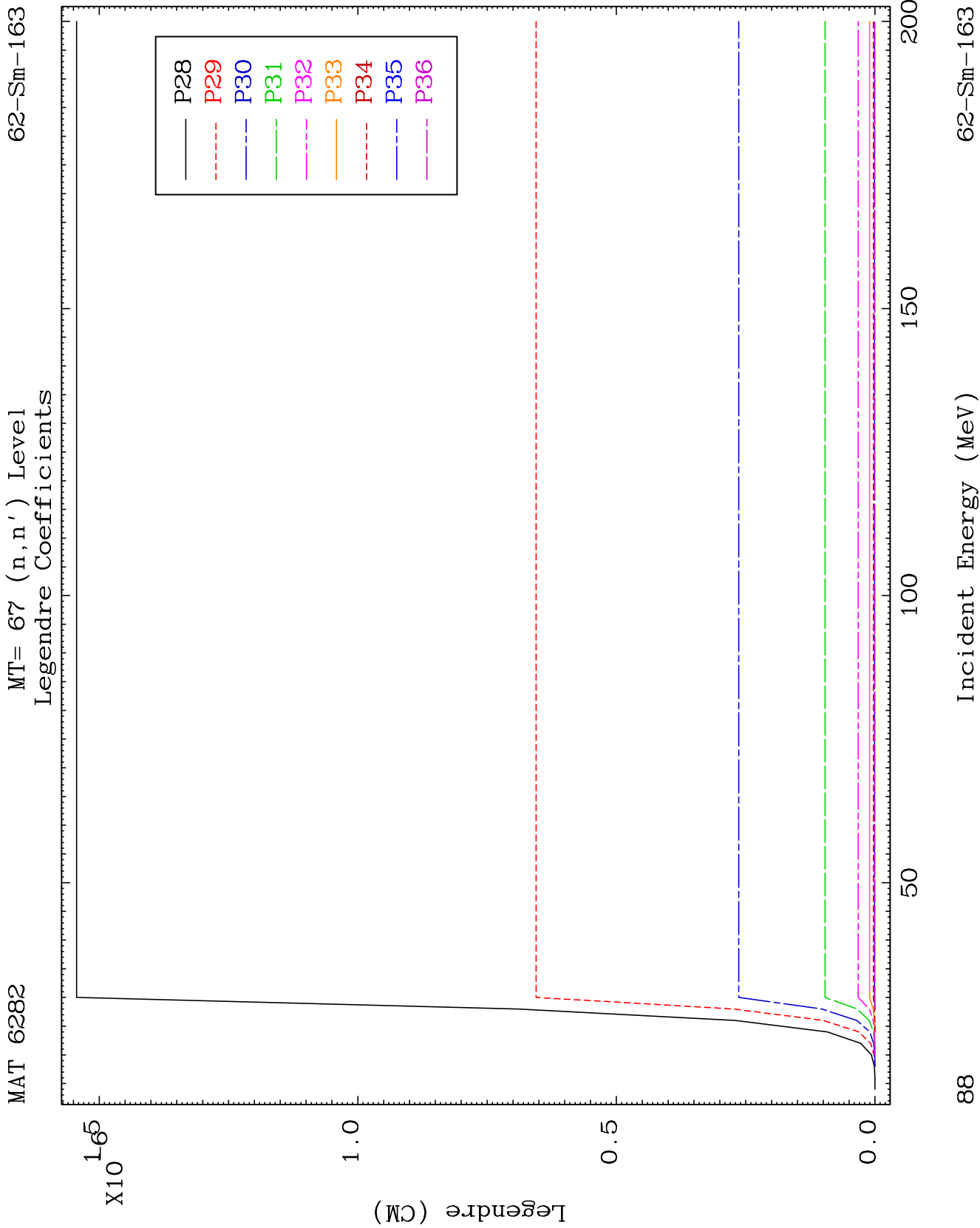
MAT 6282

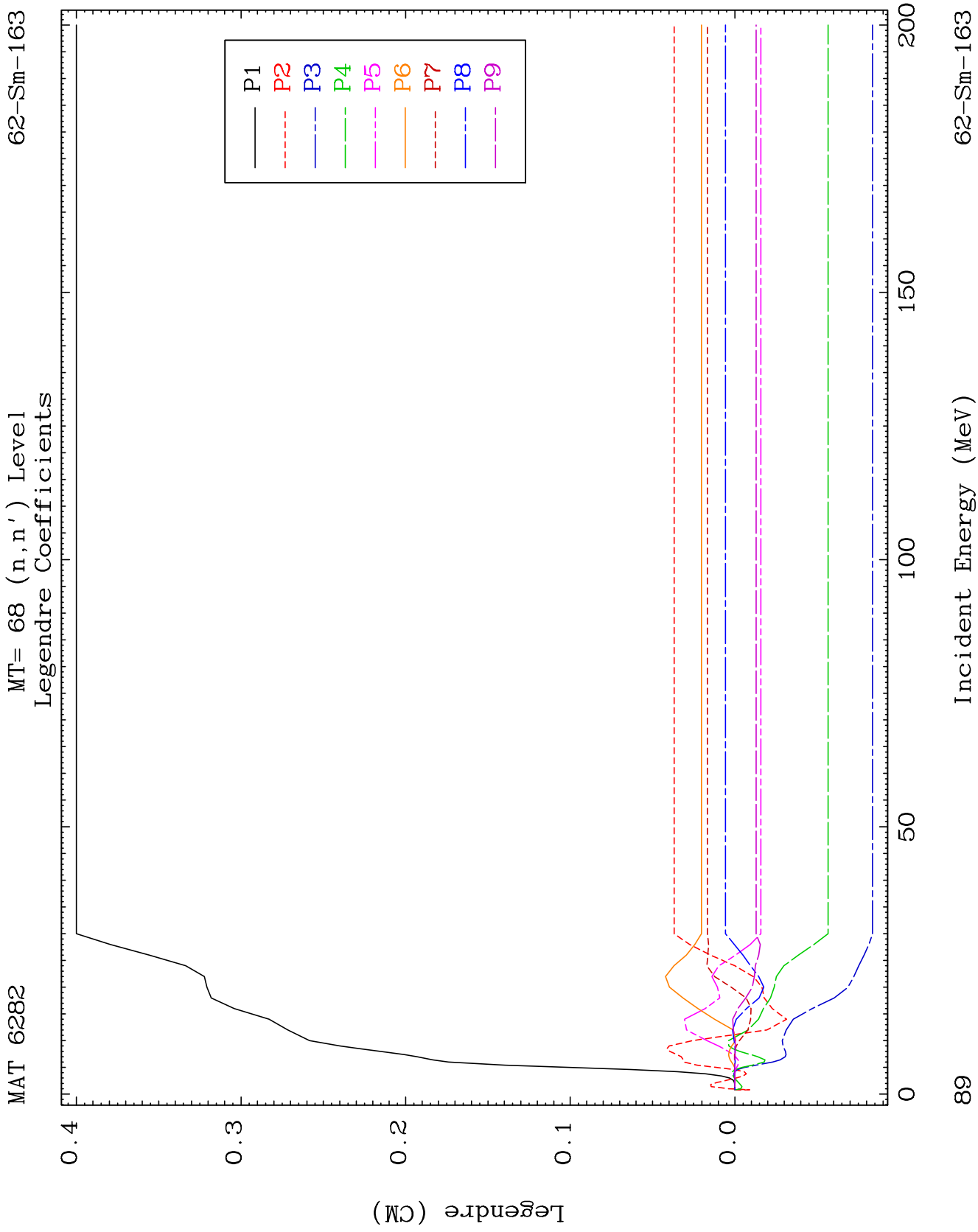
MT= 67 (n, n') Level
Legendre Coefficients

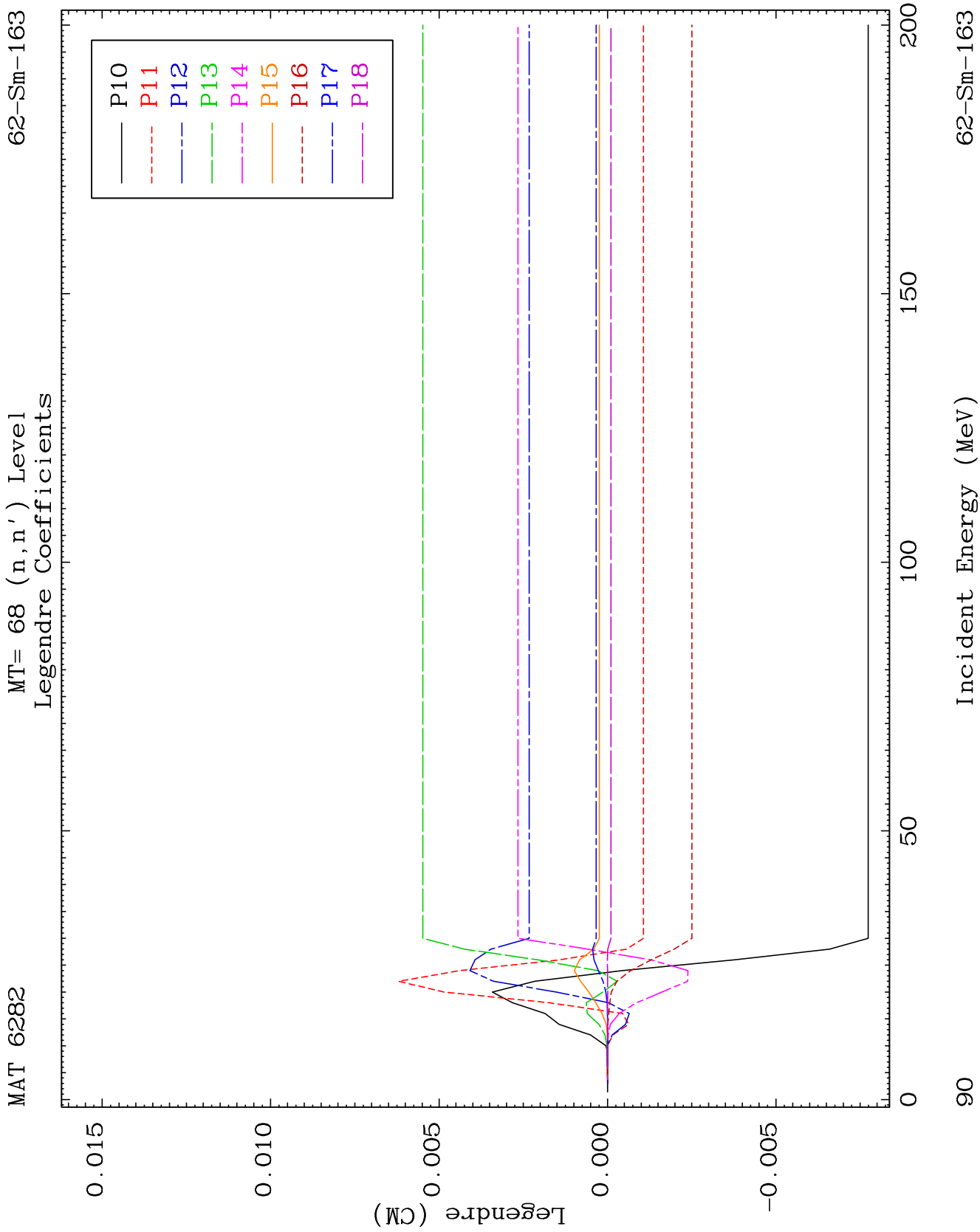
62-Sm-163

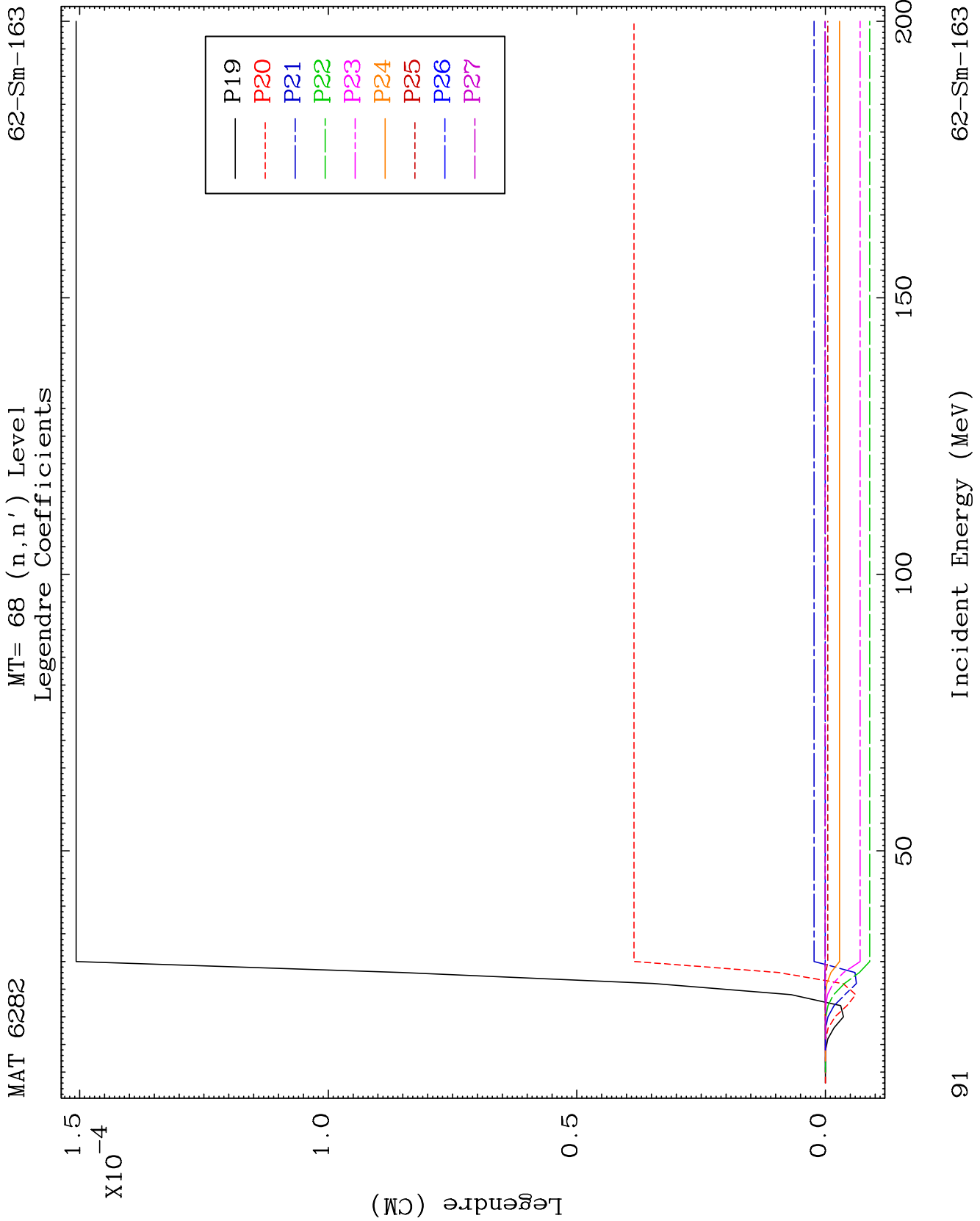


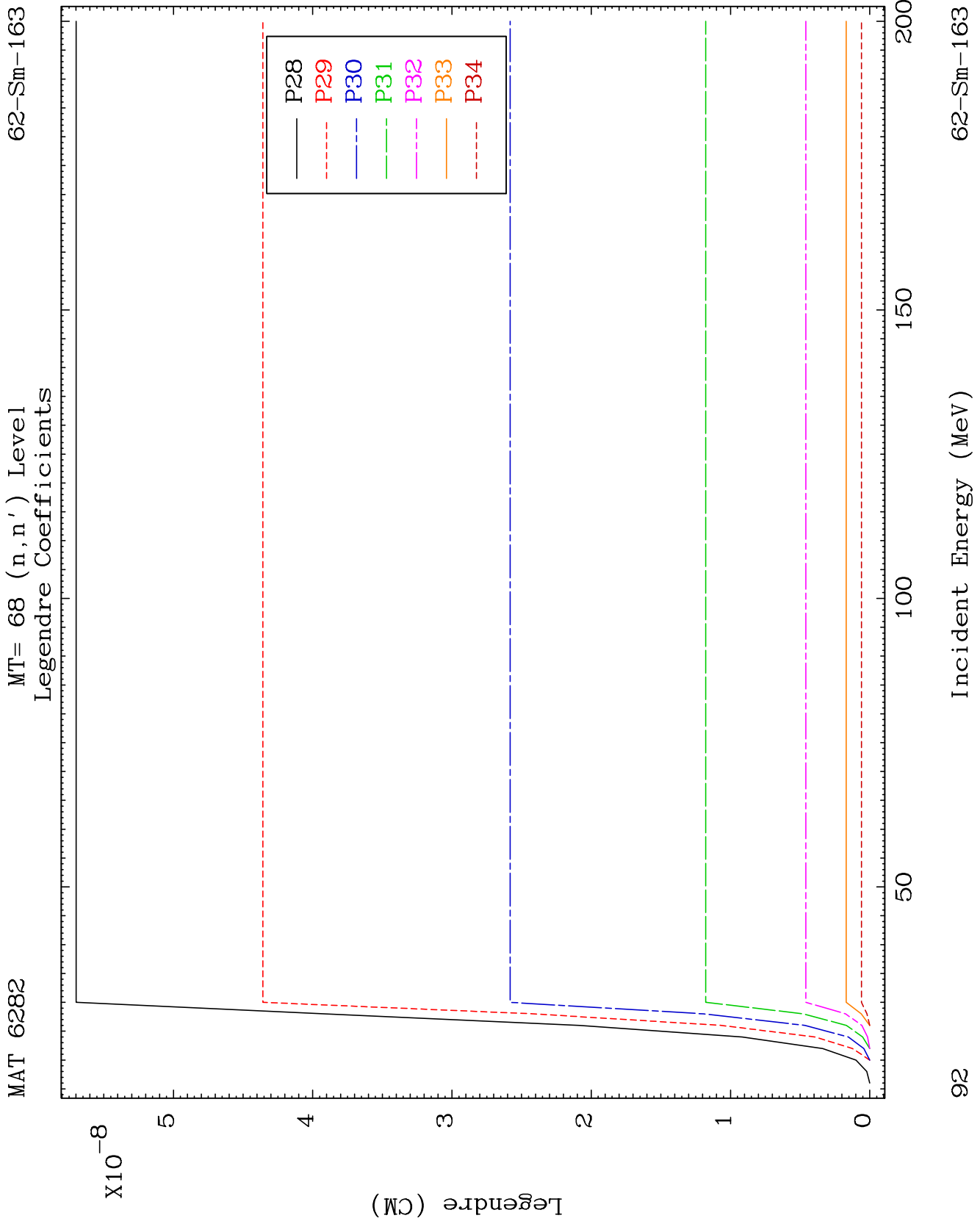


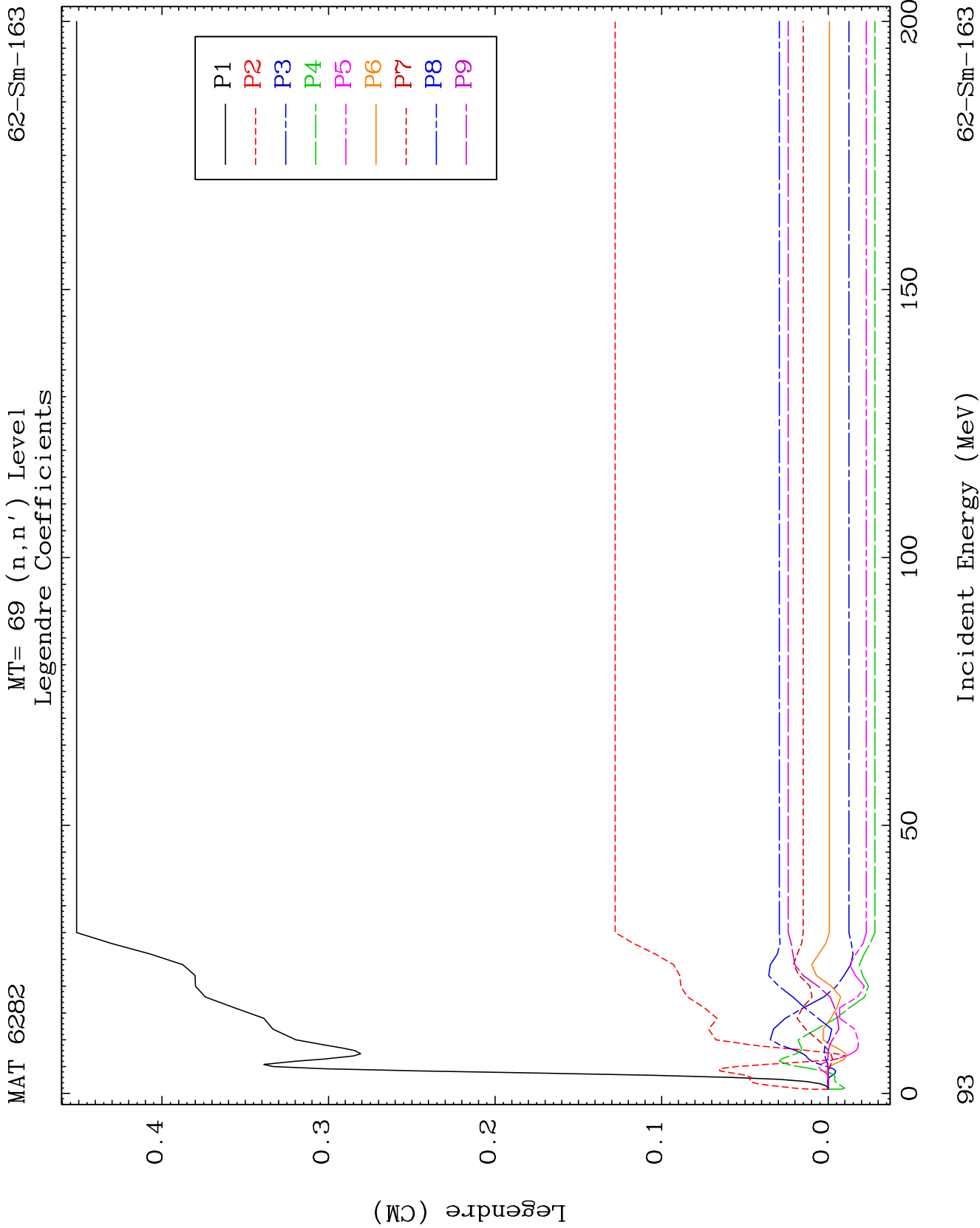








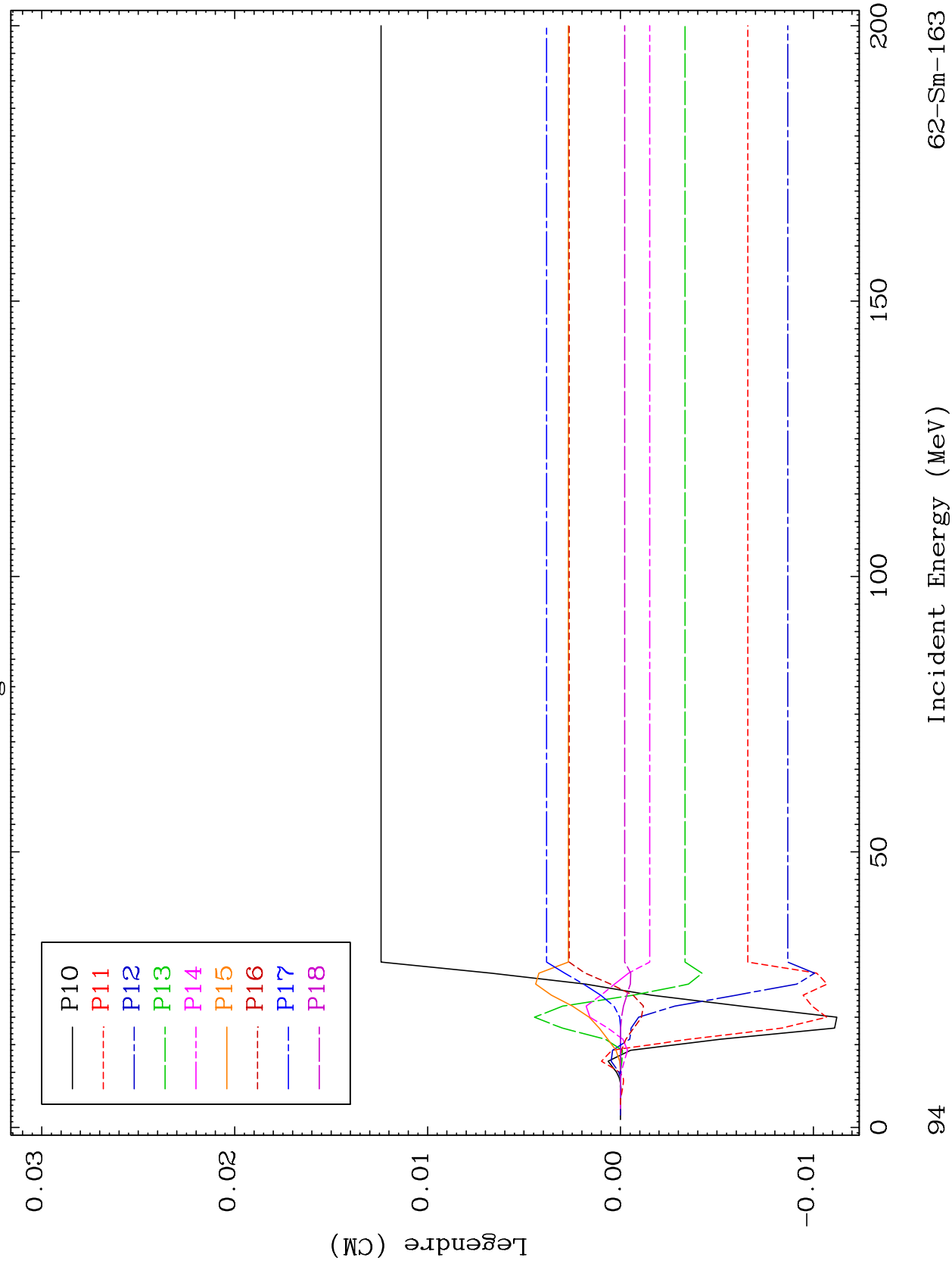


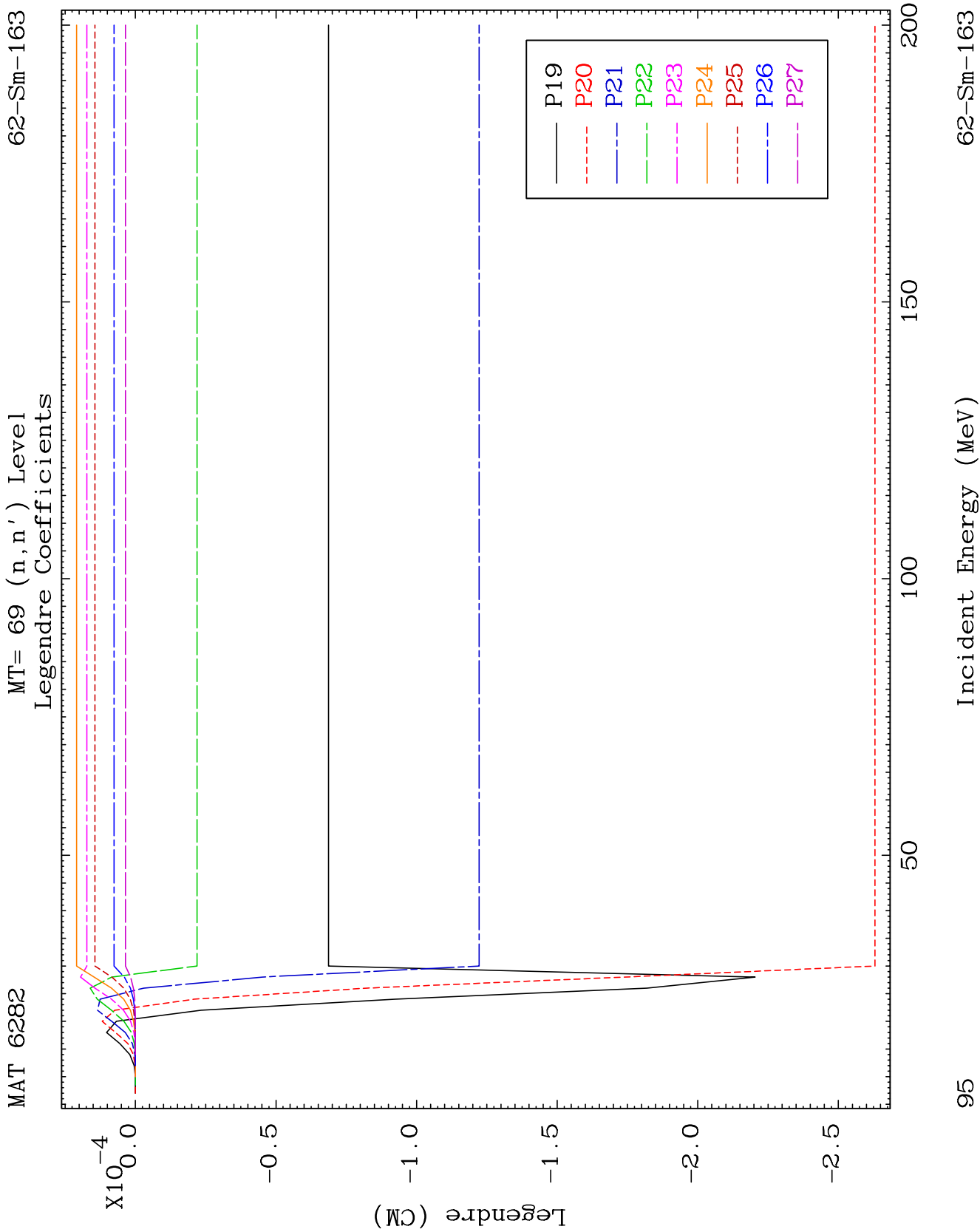


MAT 6282

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

62-Sm-163

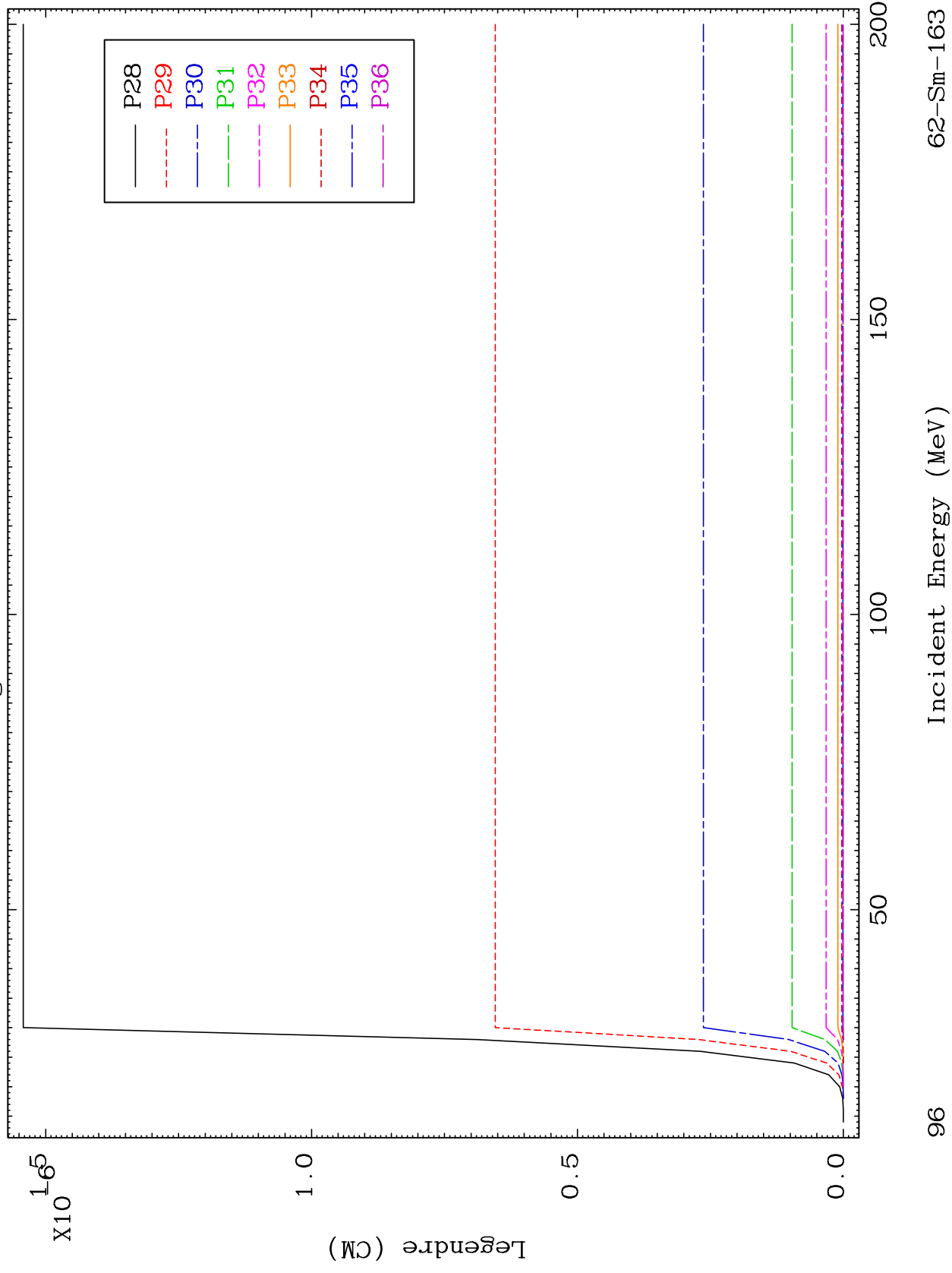


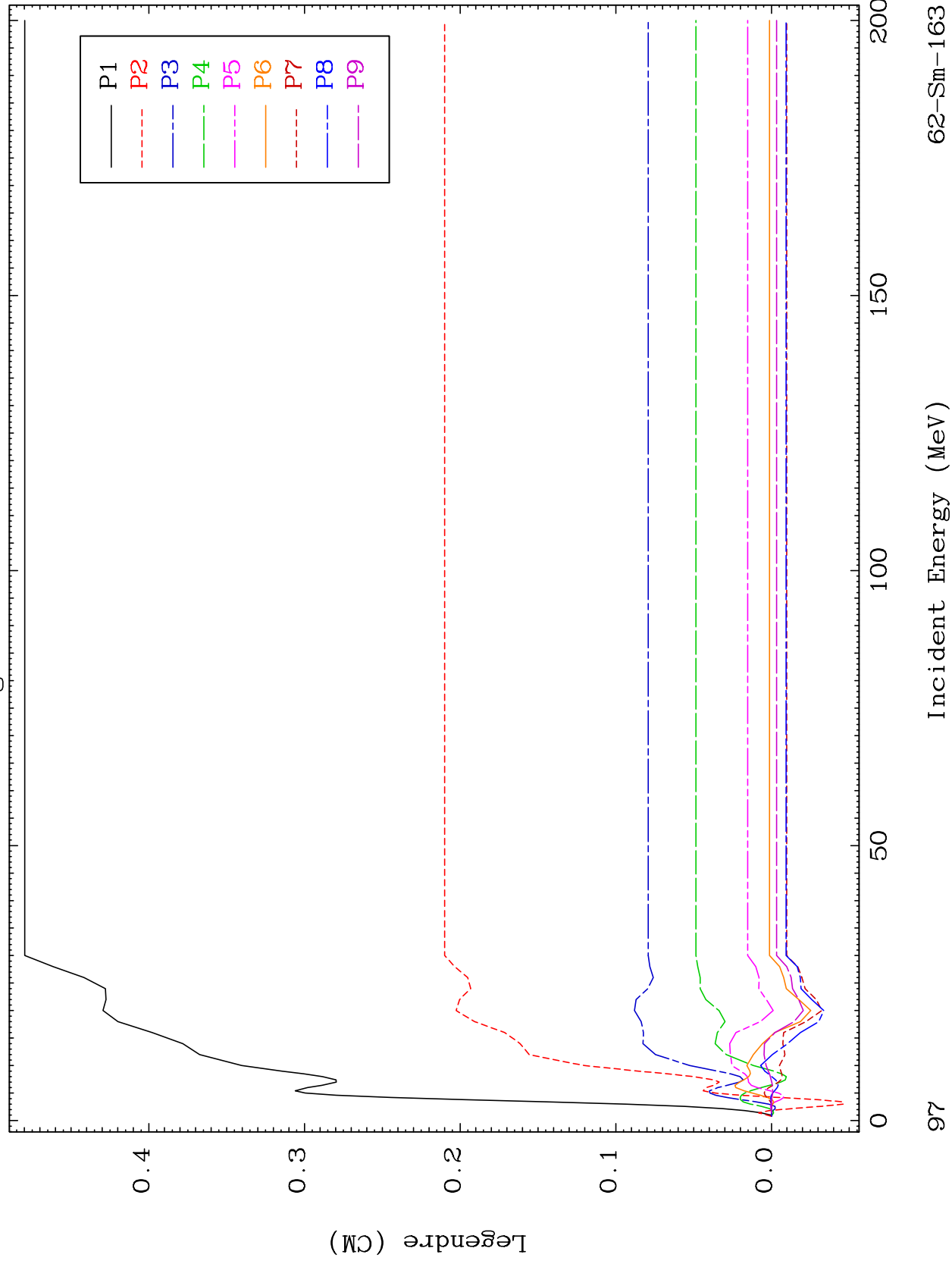


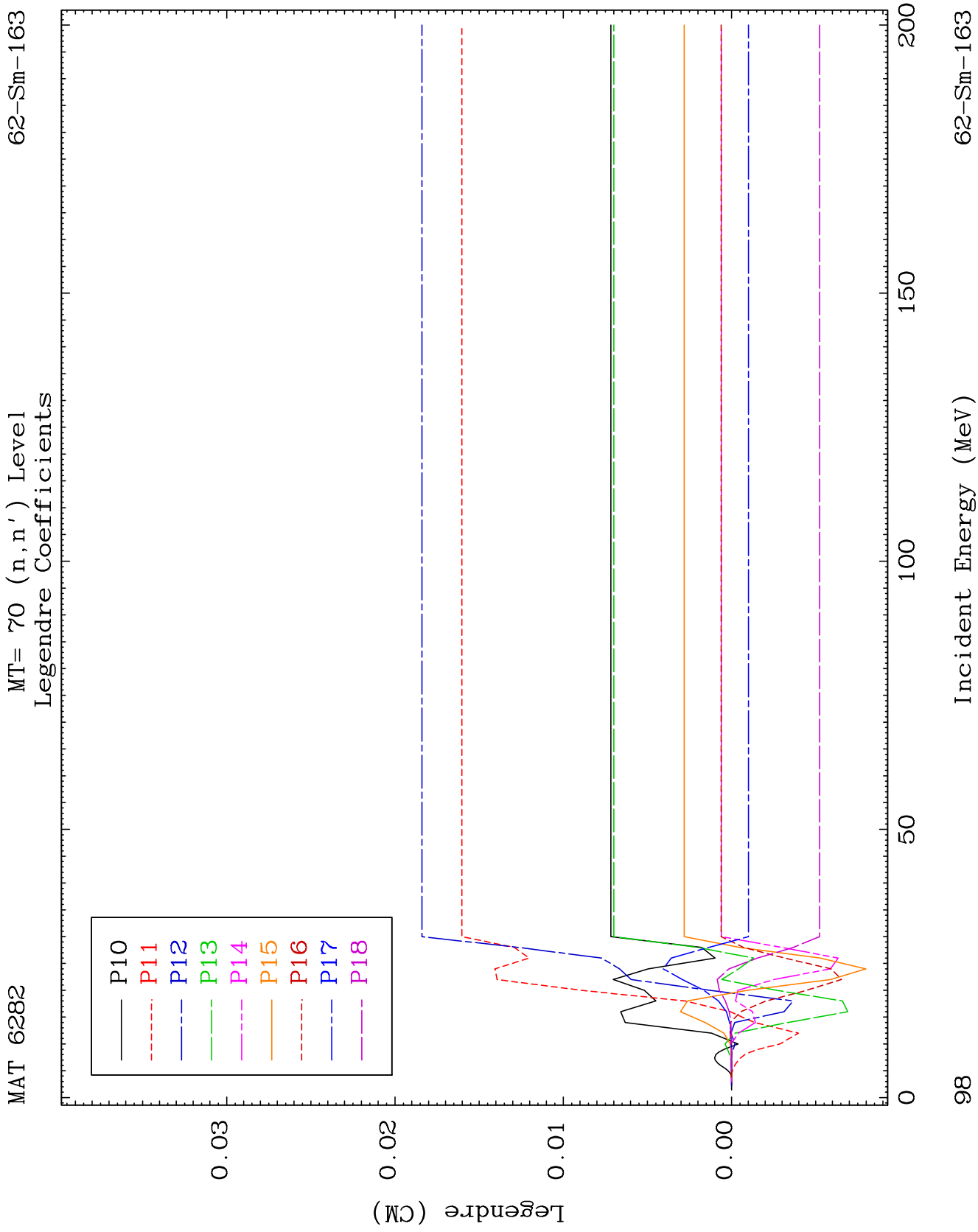
MAT 6282

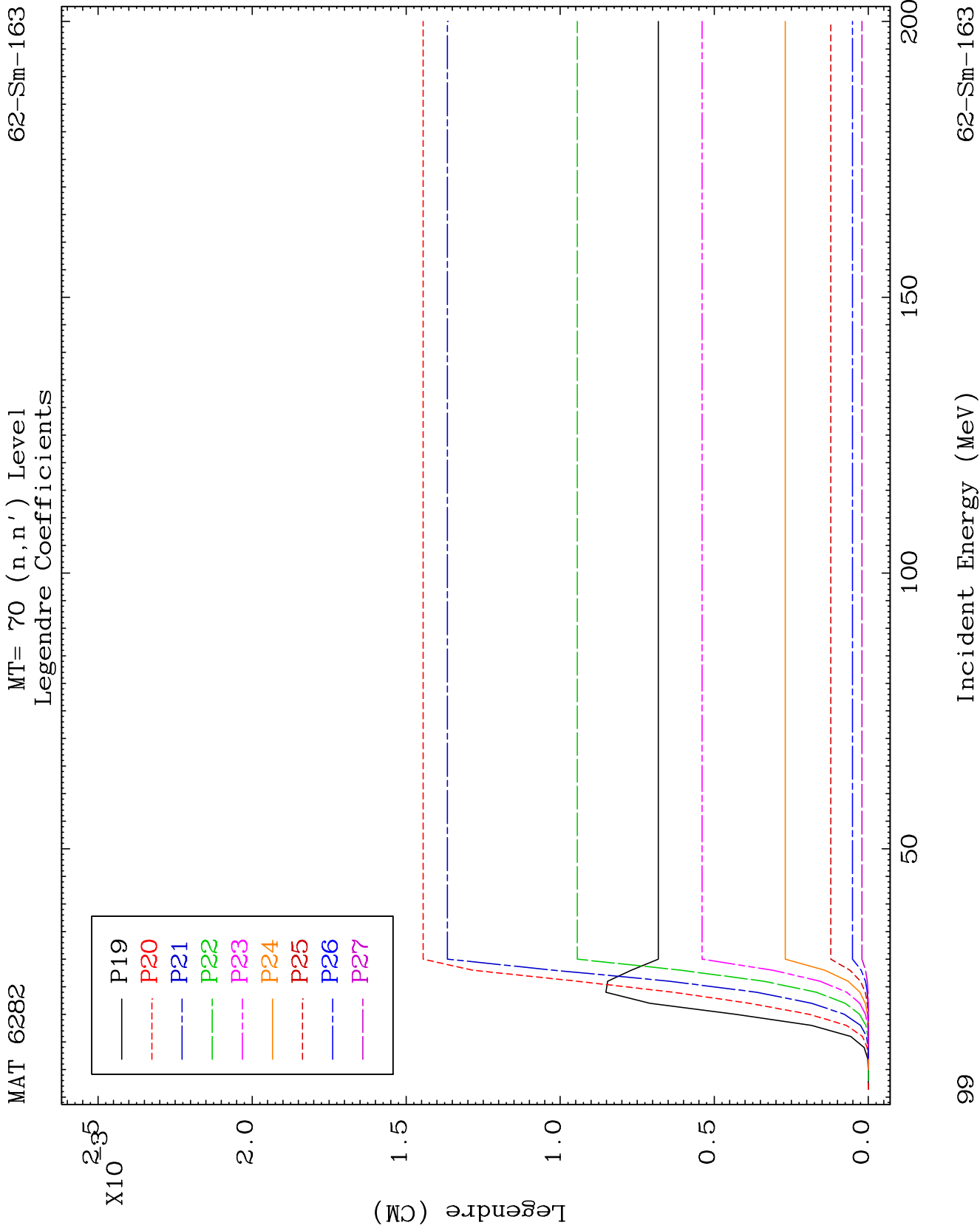
MT= 69 (n, n') Level
Legendre Coefficients

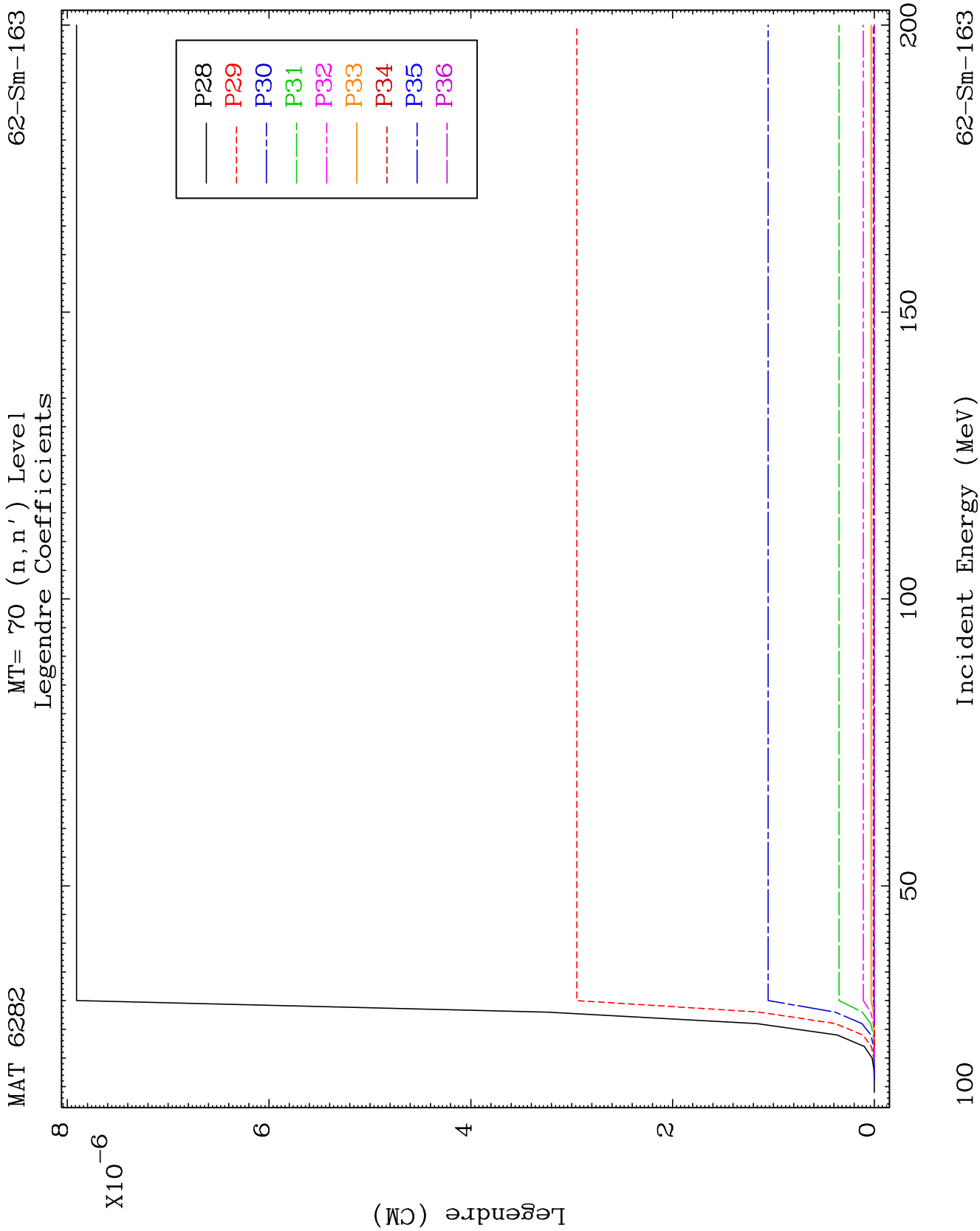
62-Sm-163

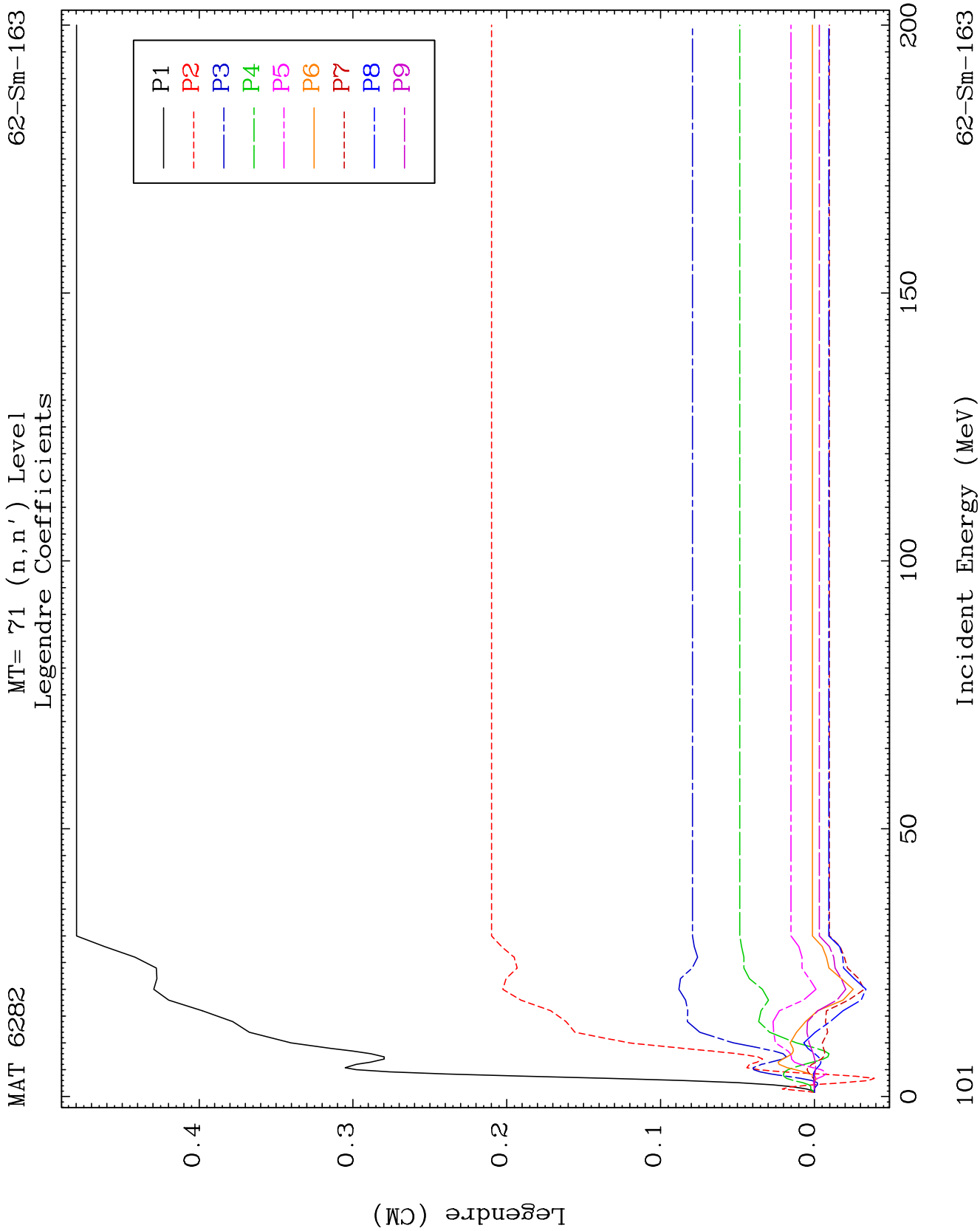








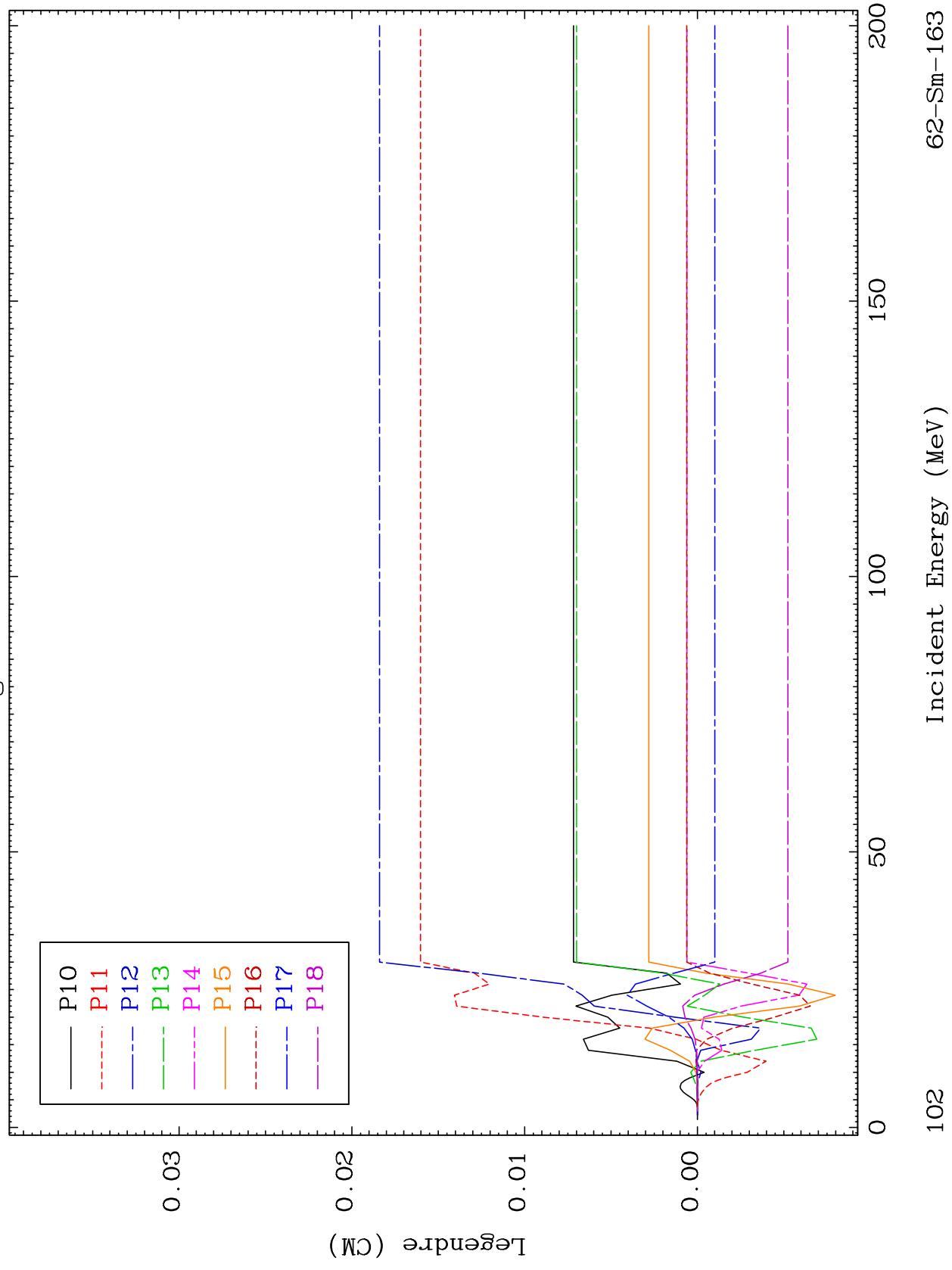




MAT 6282

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

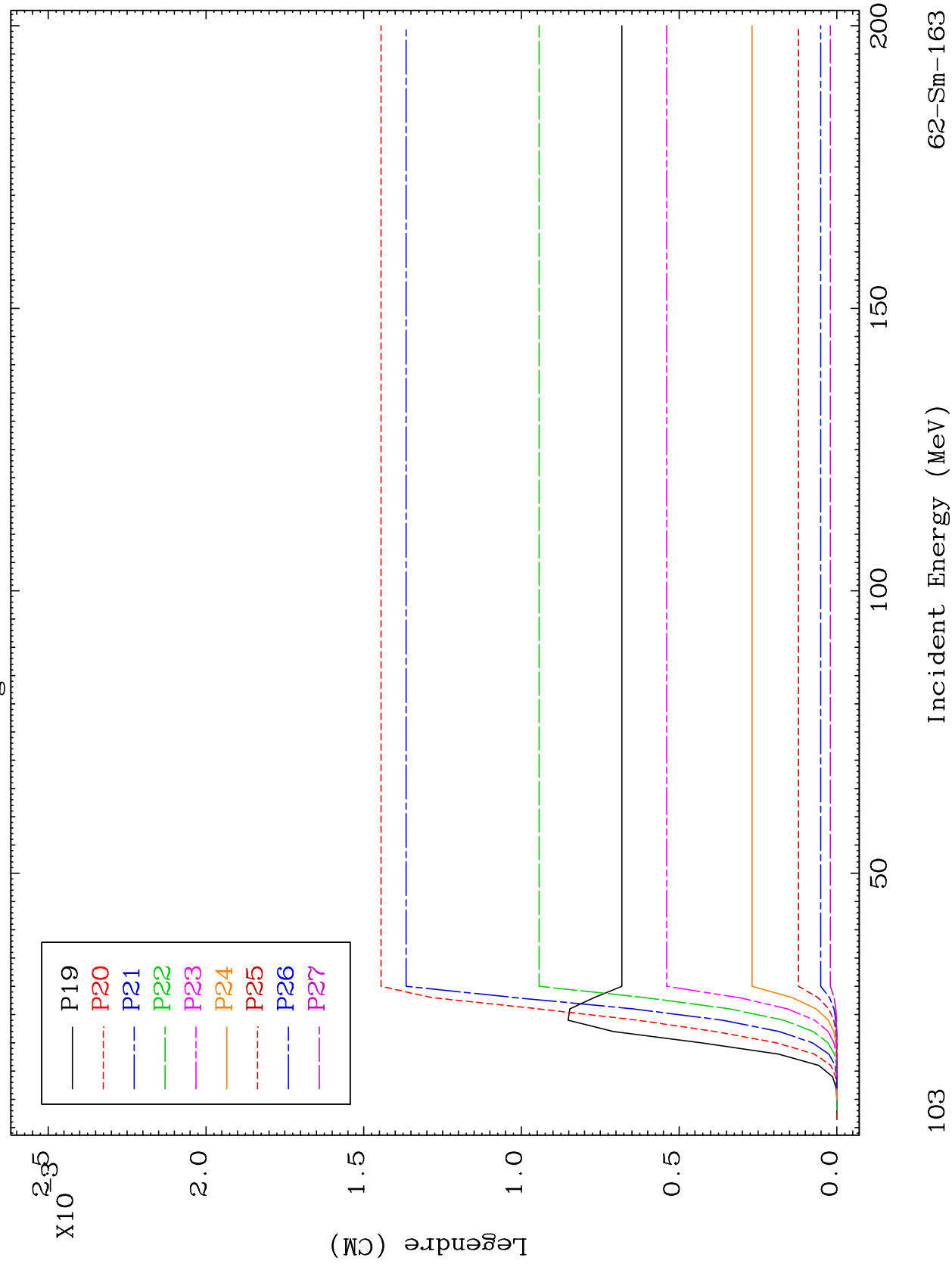
62-Sm-163

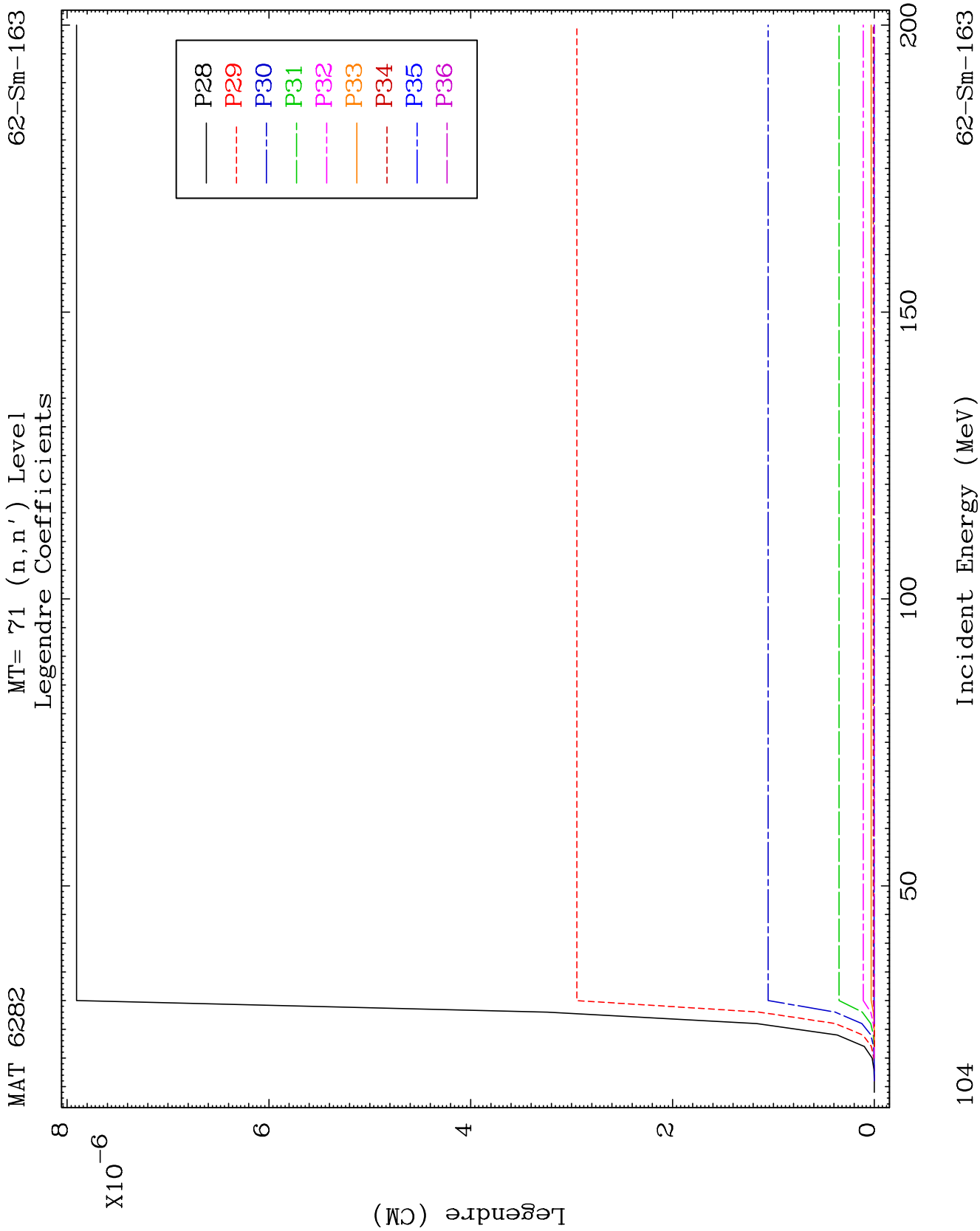


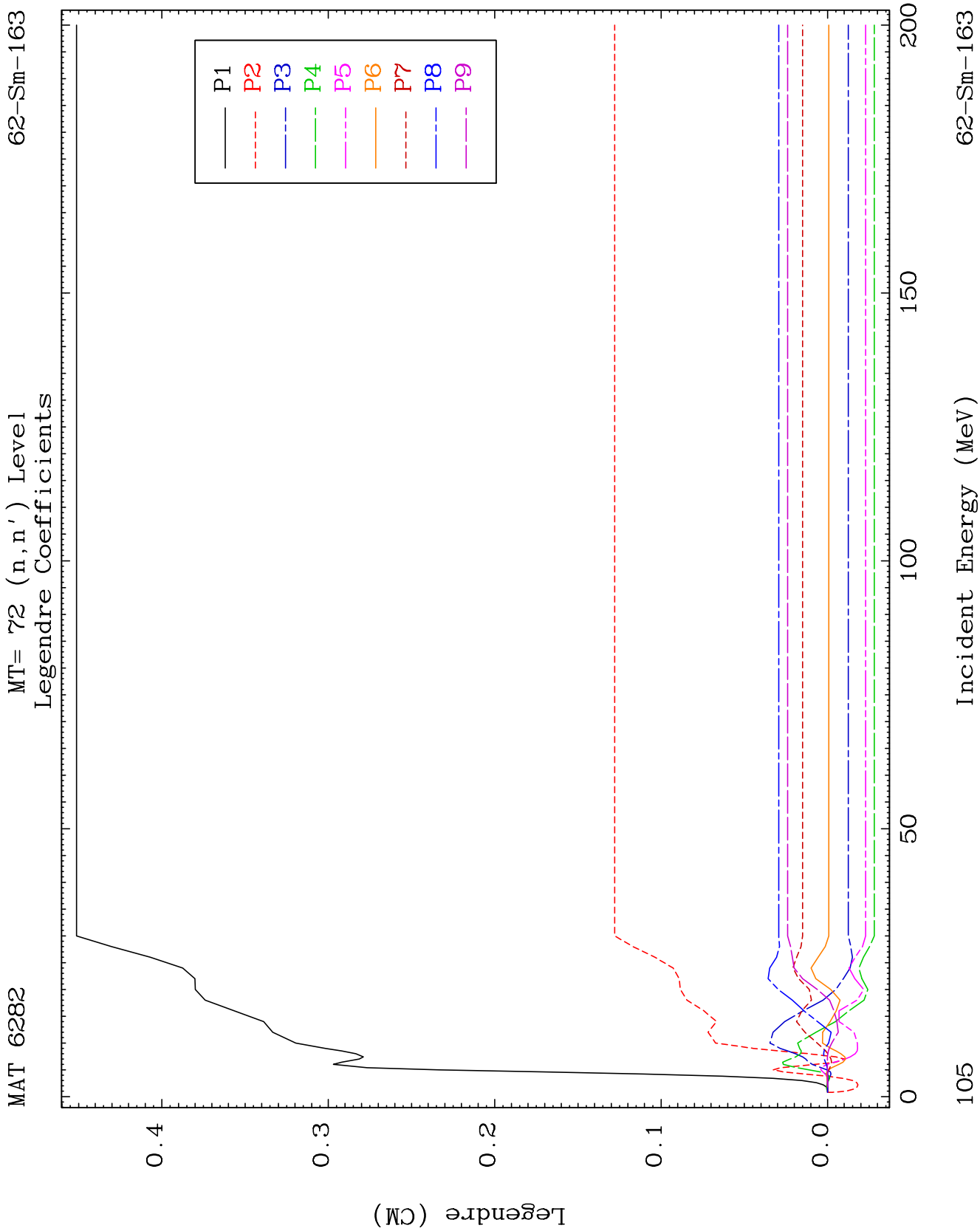
MAT 6282

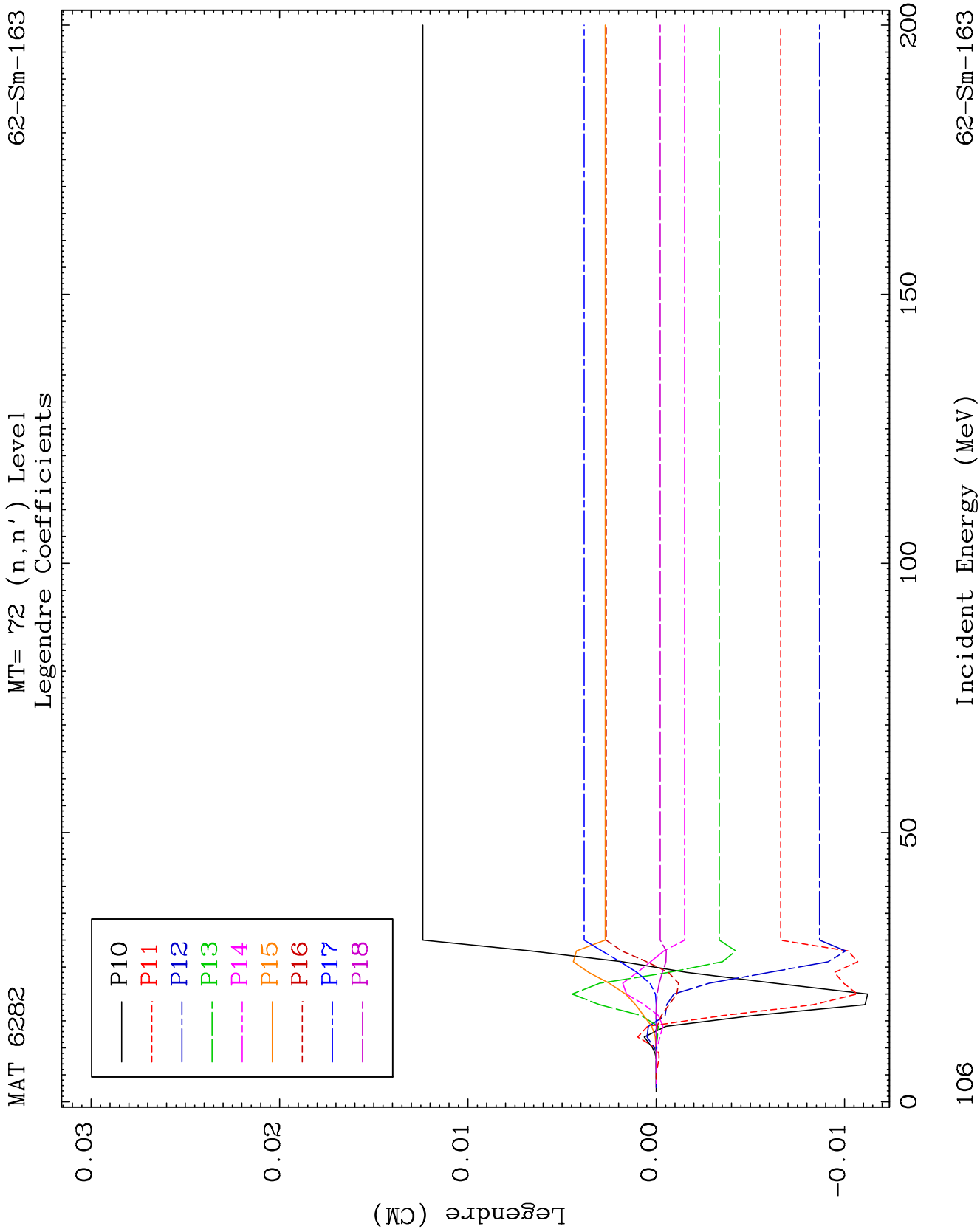
MT= 71 (n, n') Level
Legendre Coefficients

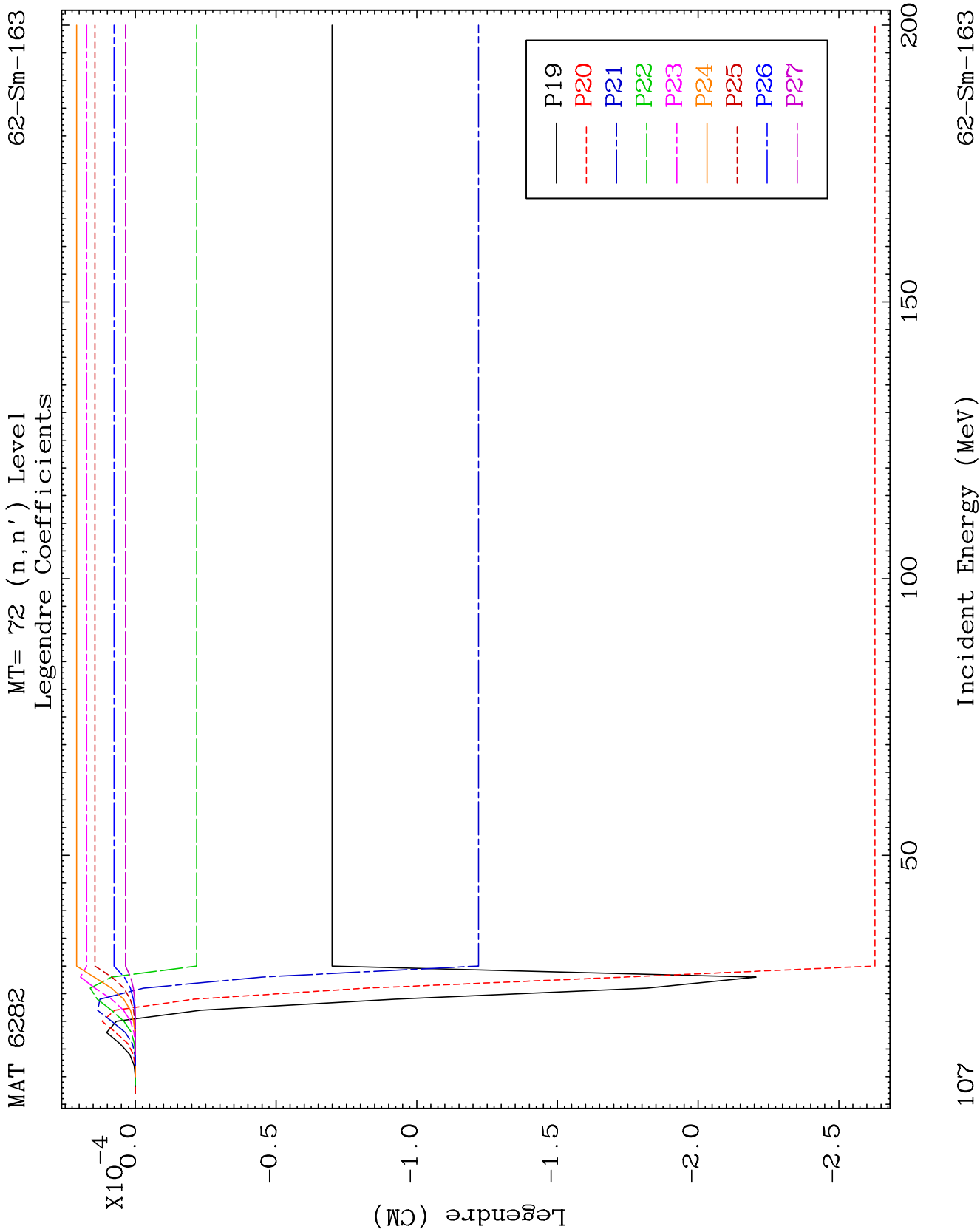
62-Sm-163







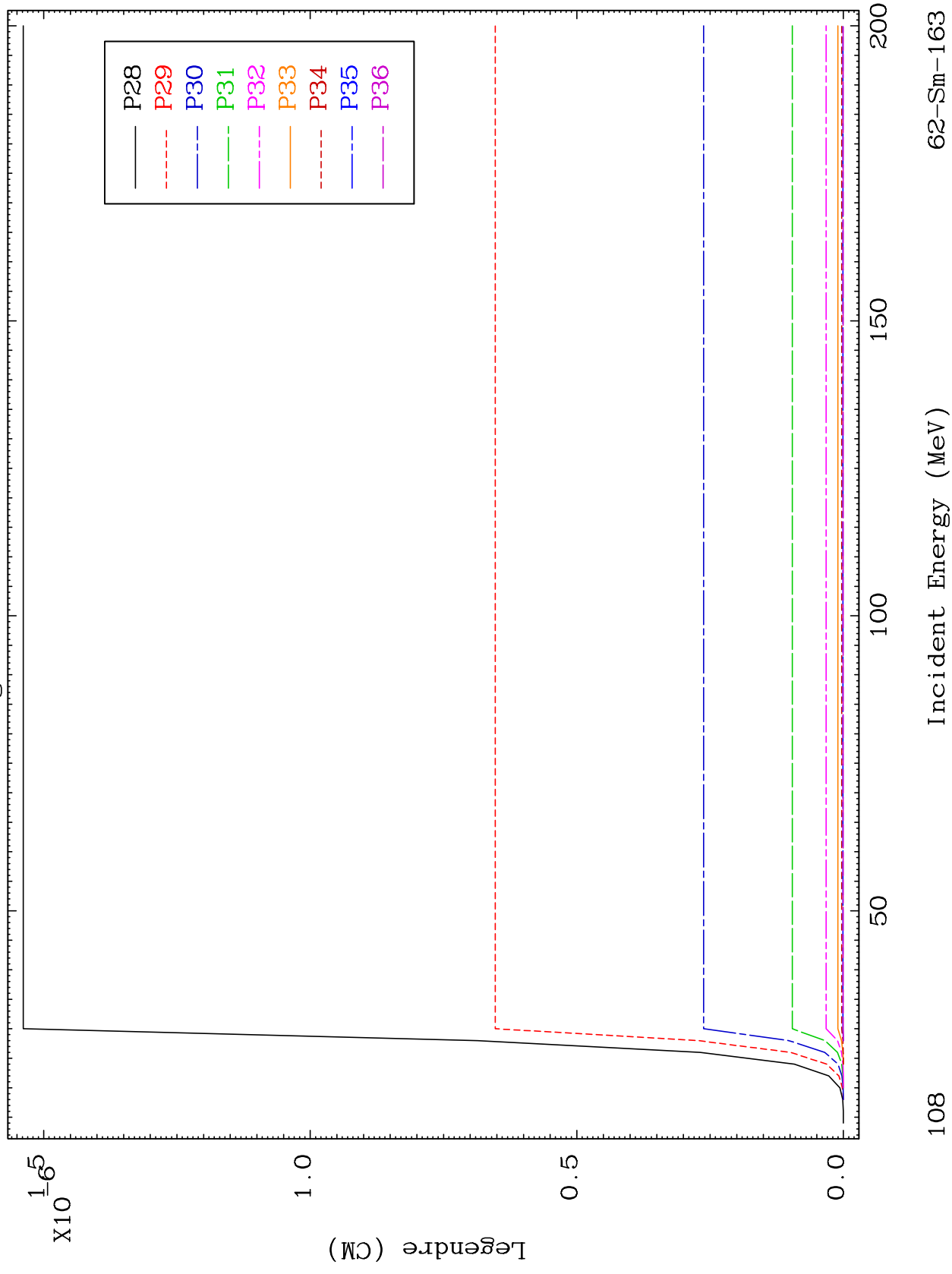


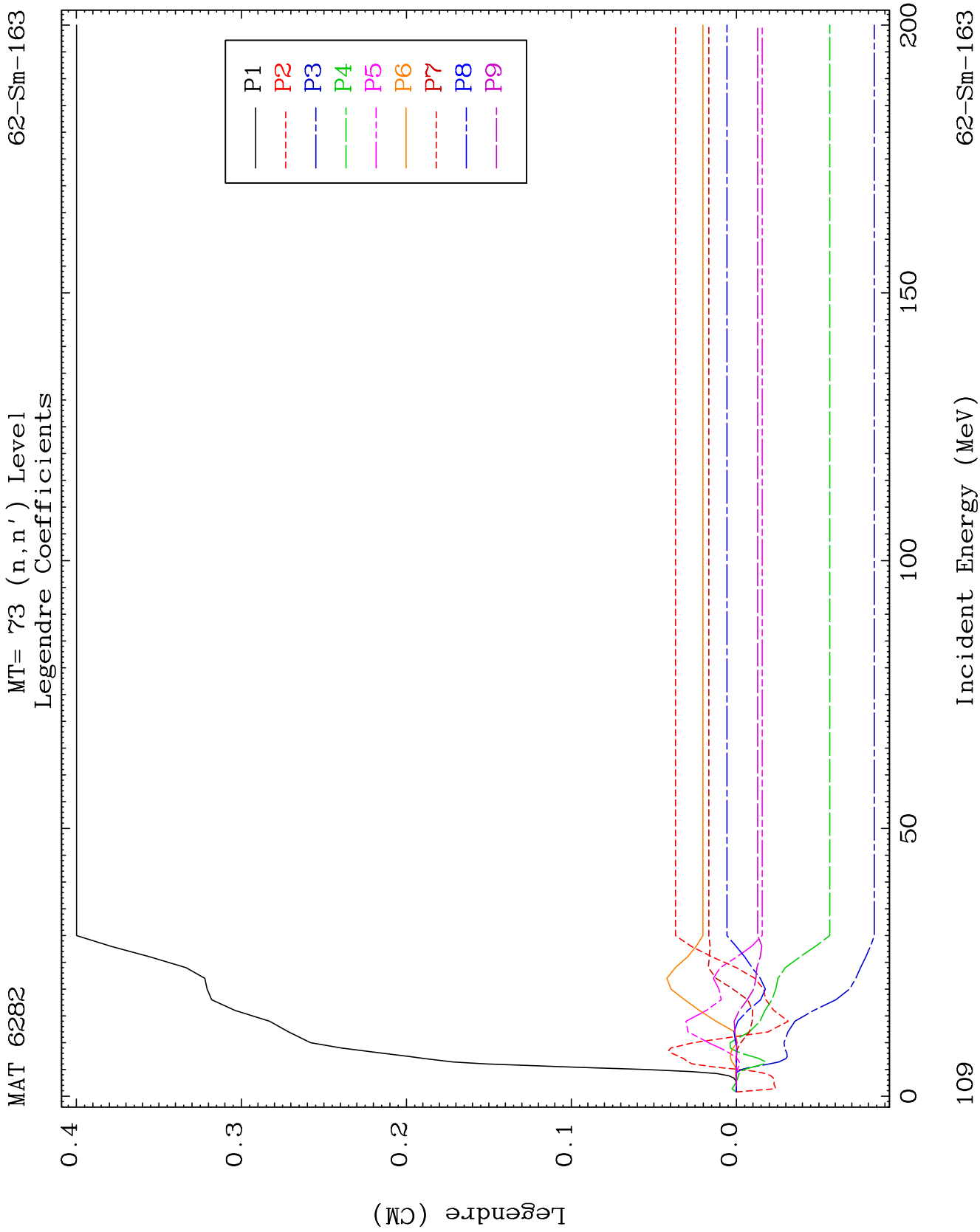


MAT 6282

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

62-Sm-163

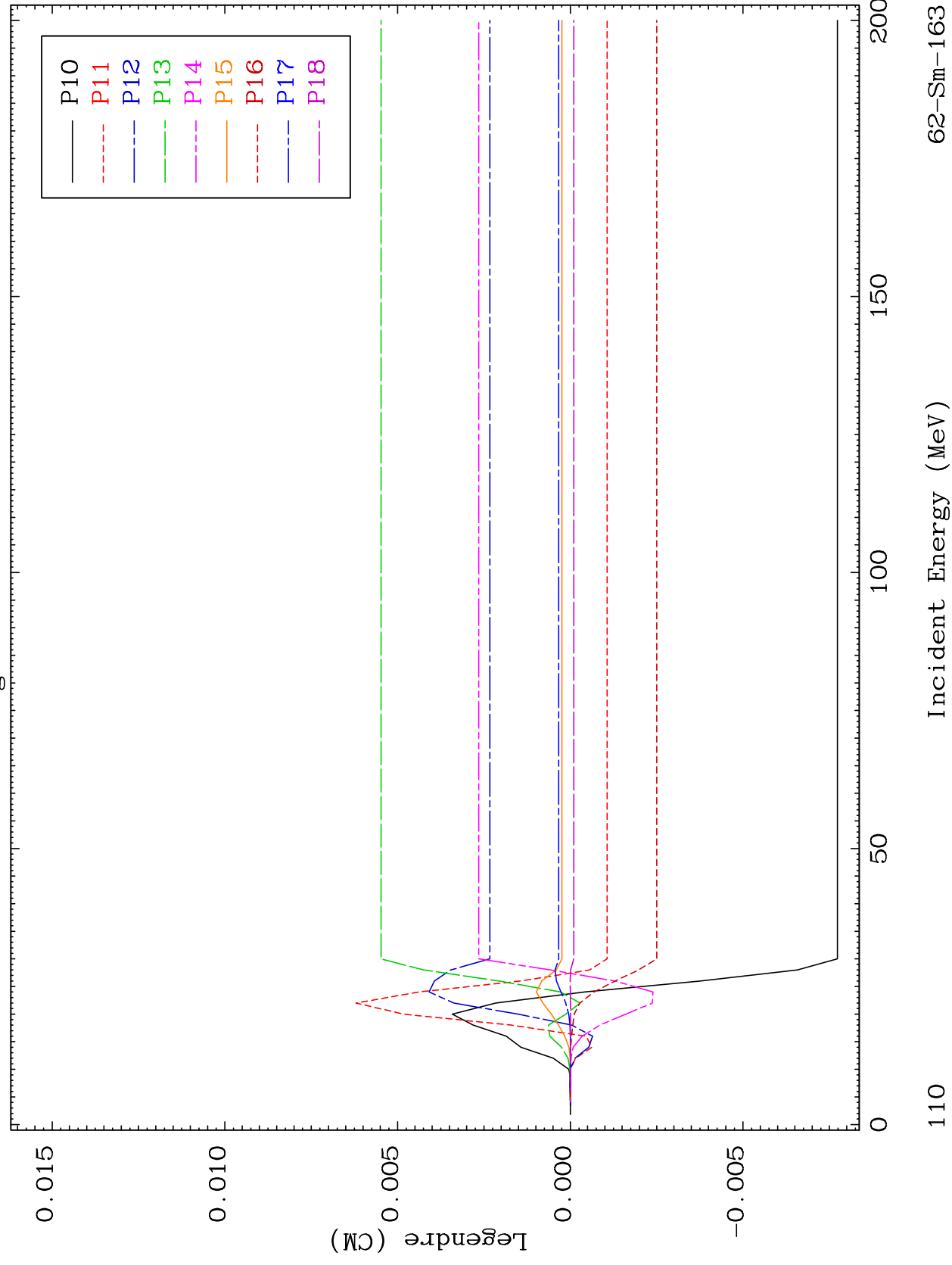


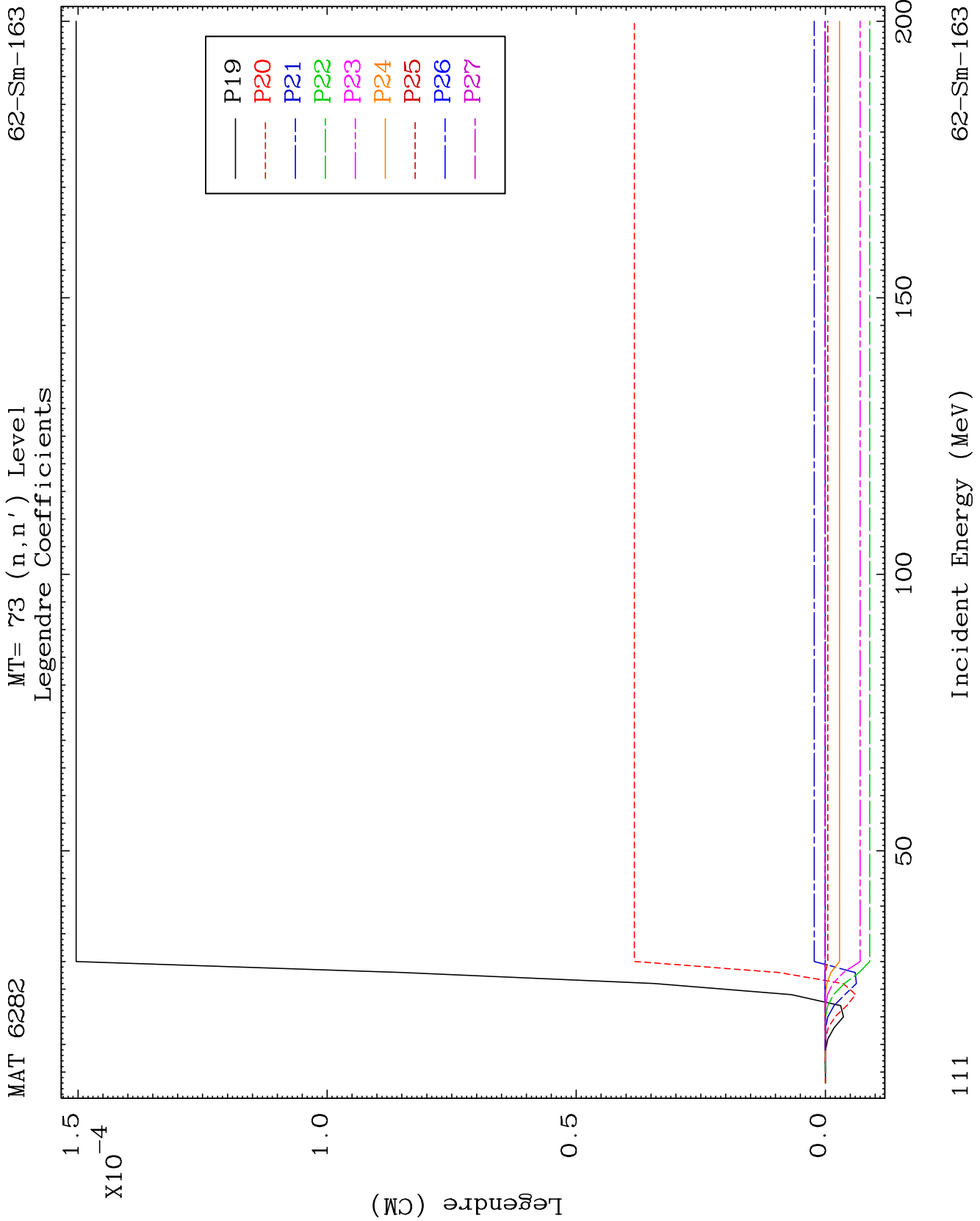


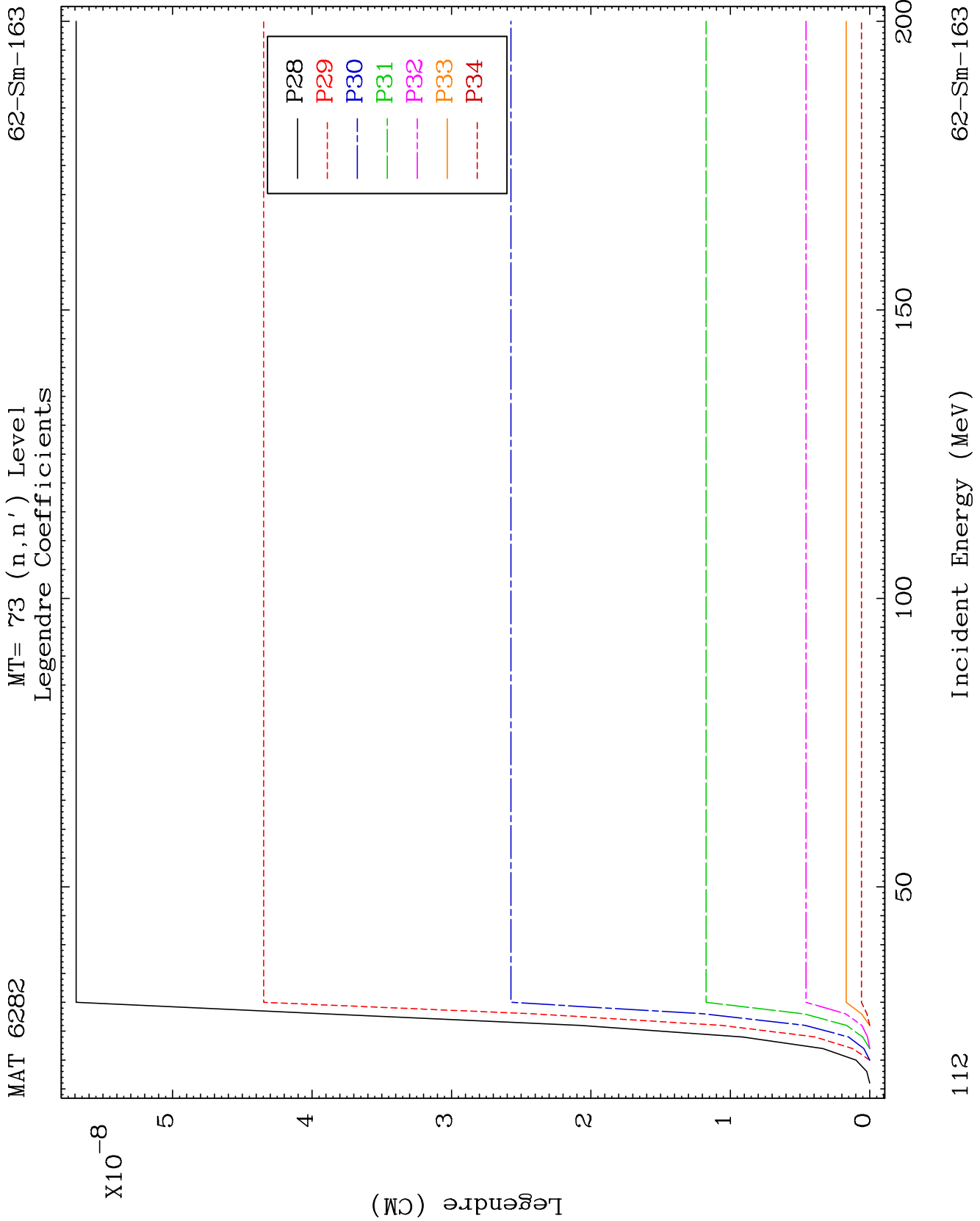
MAT 6282

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

62-Sm-163



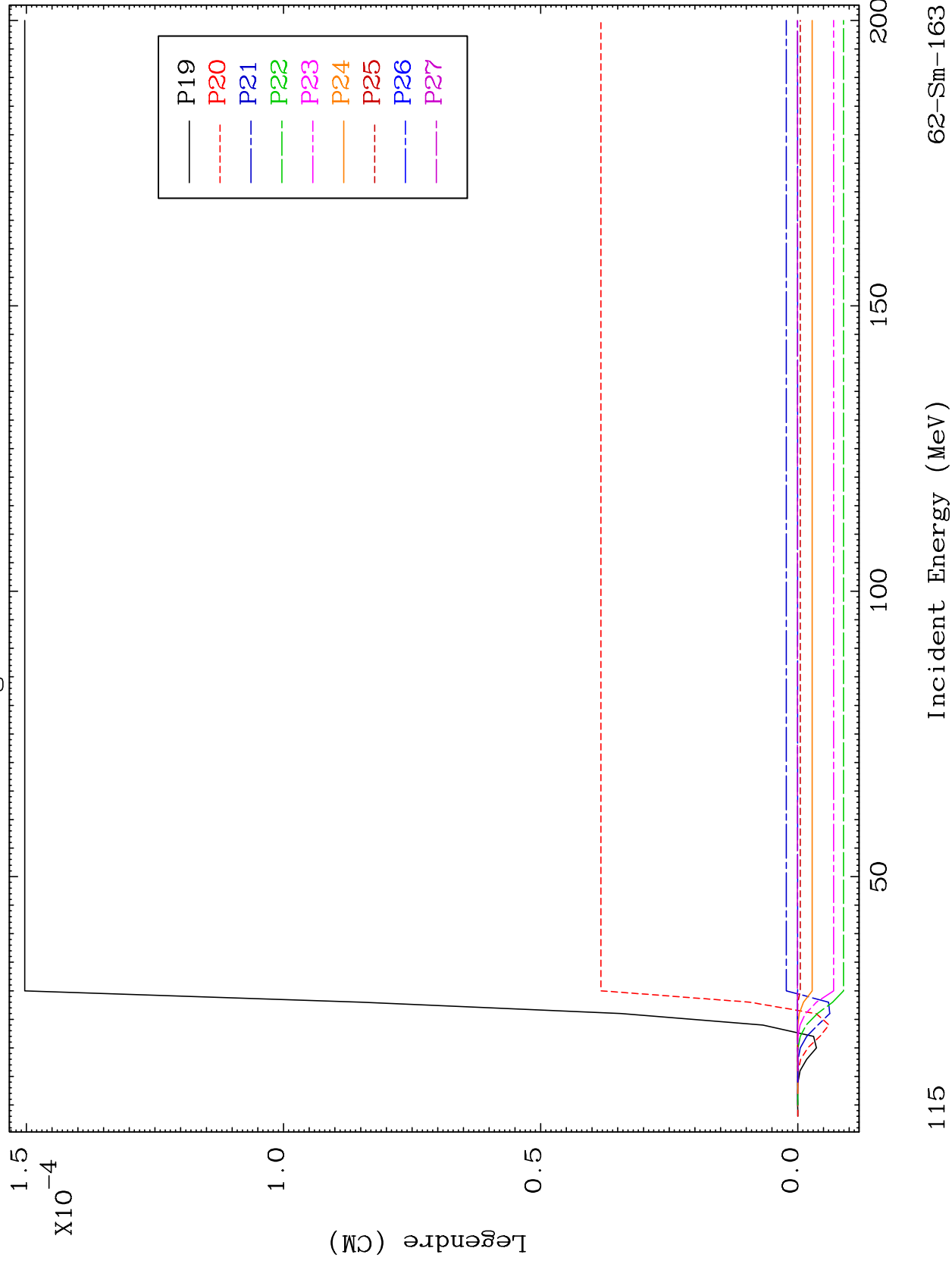


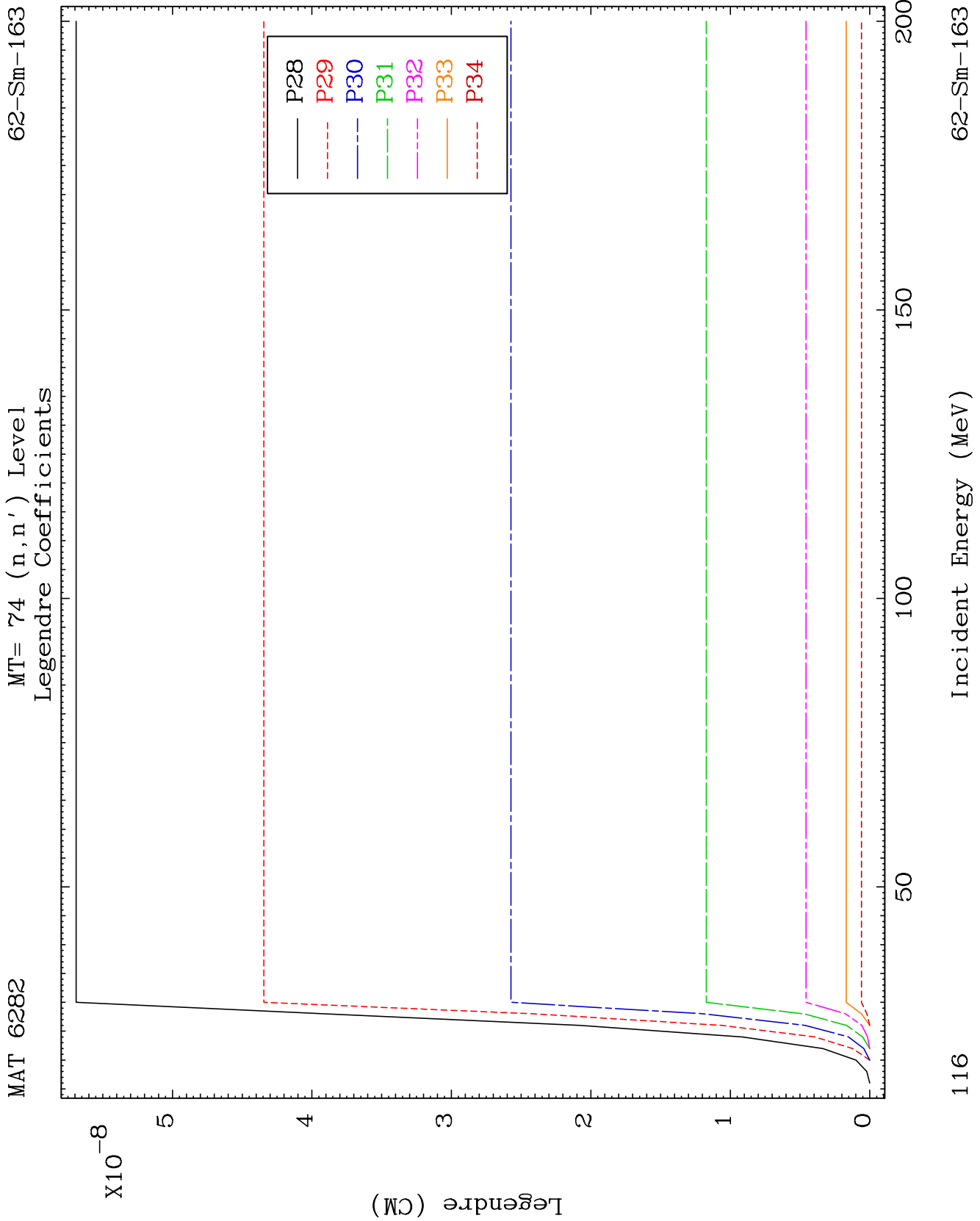


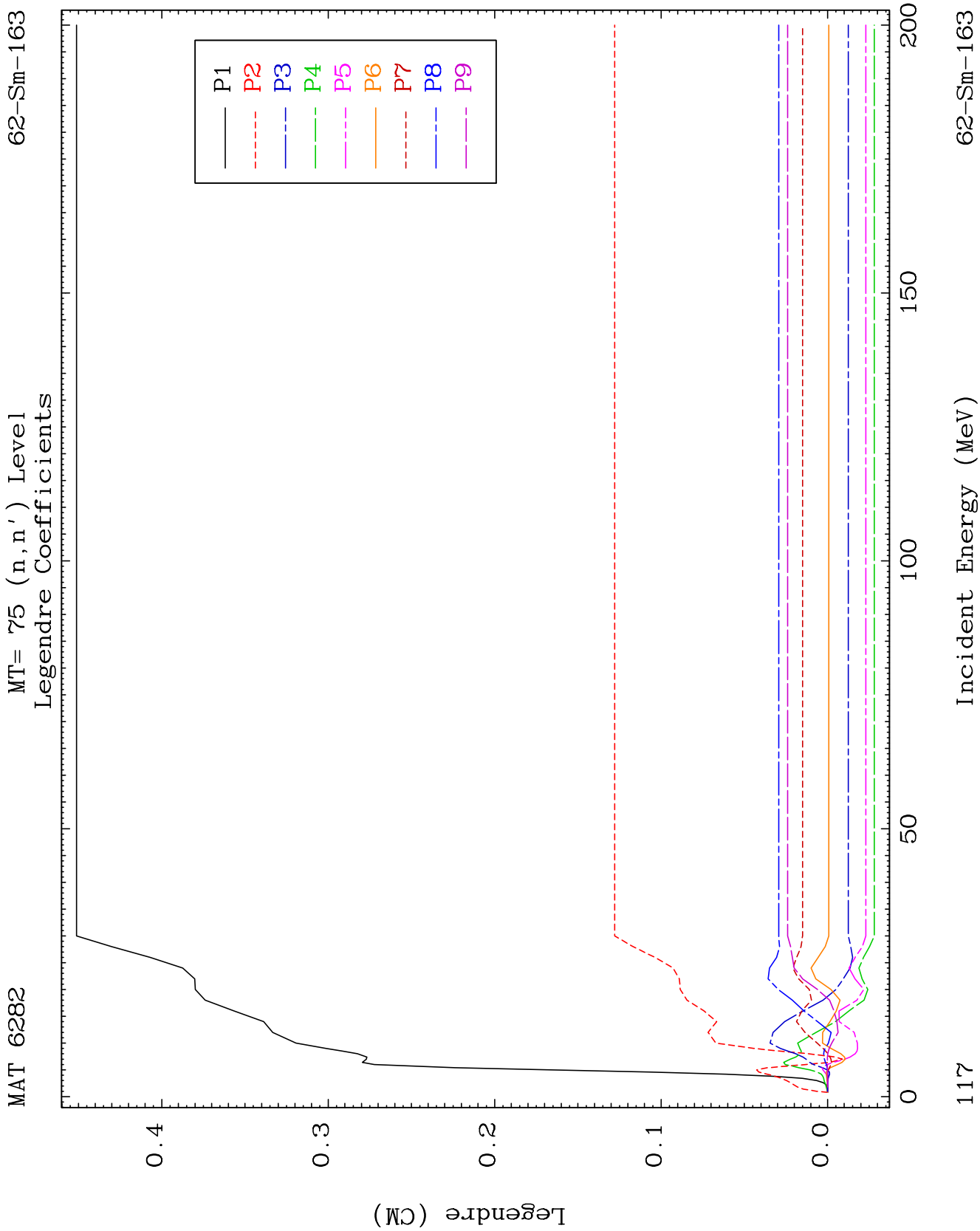
MAT 6282

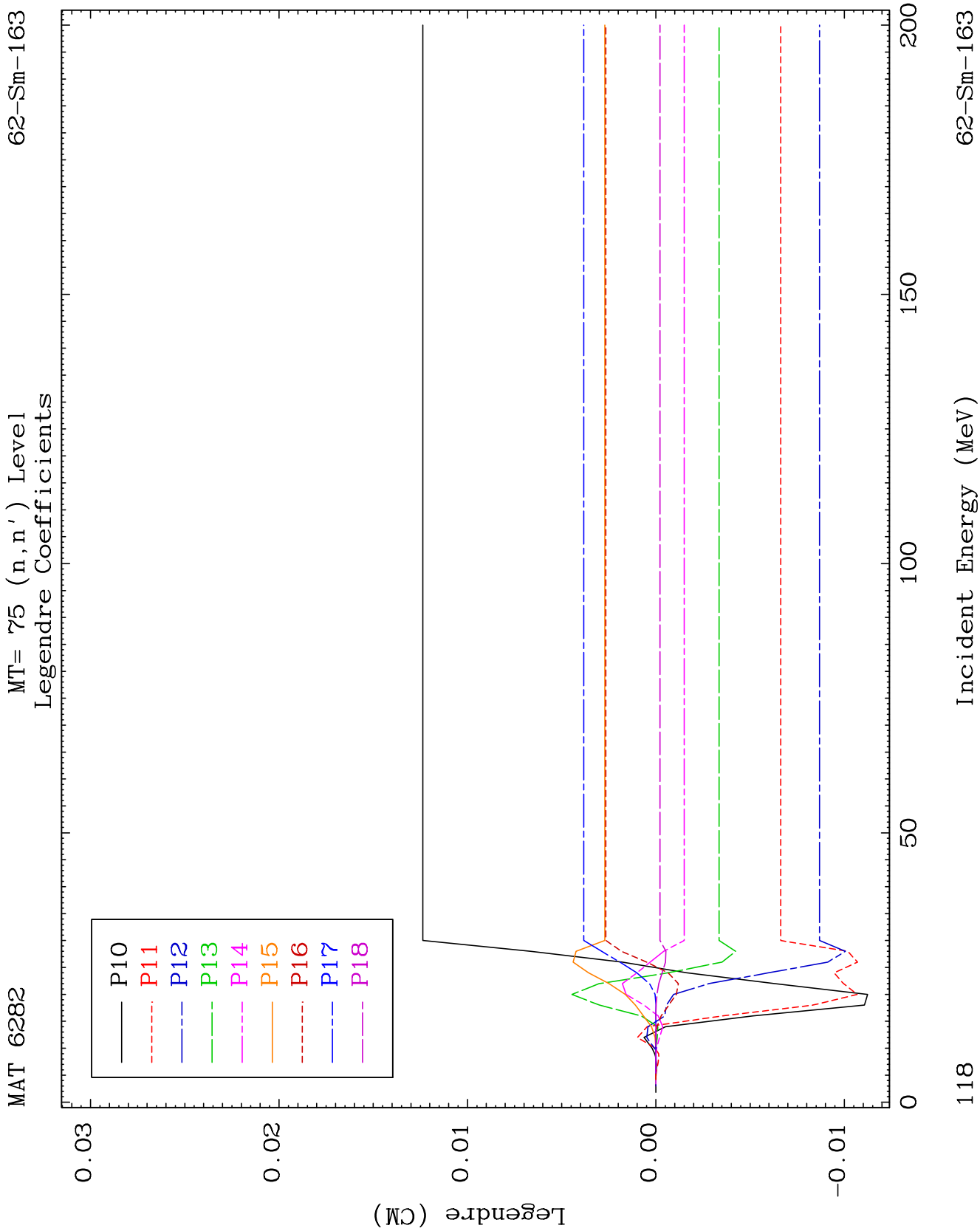
MT= 74 (n, n') Level
Legendre Coefficients

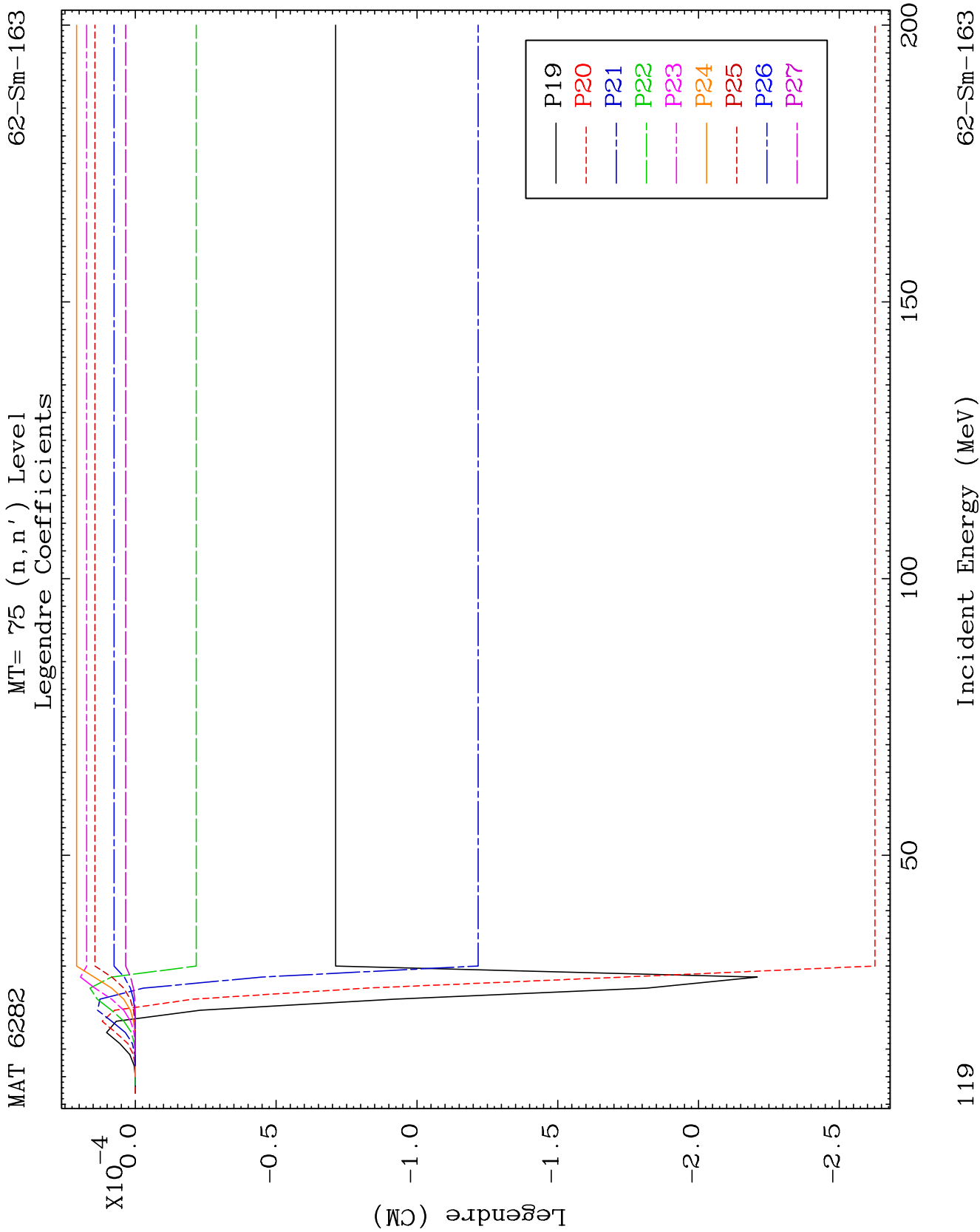
62-Sm-163







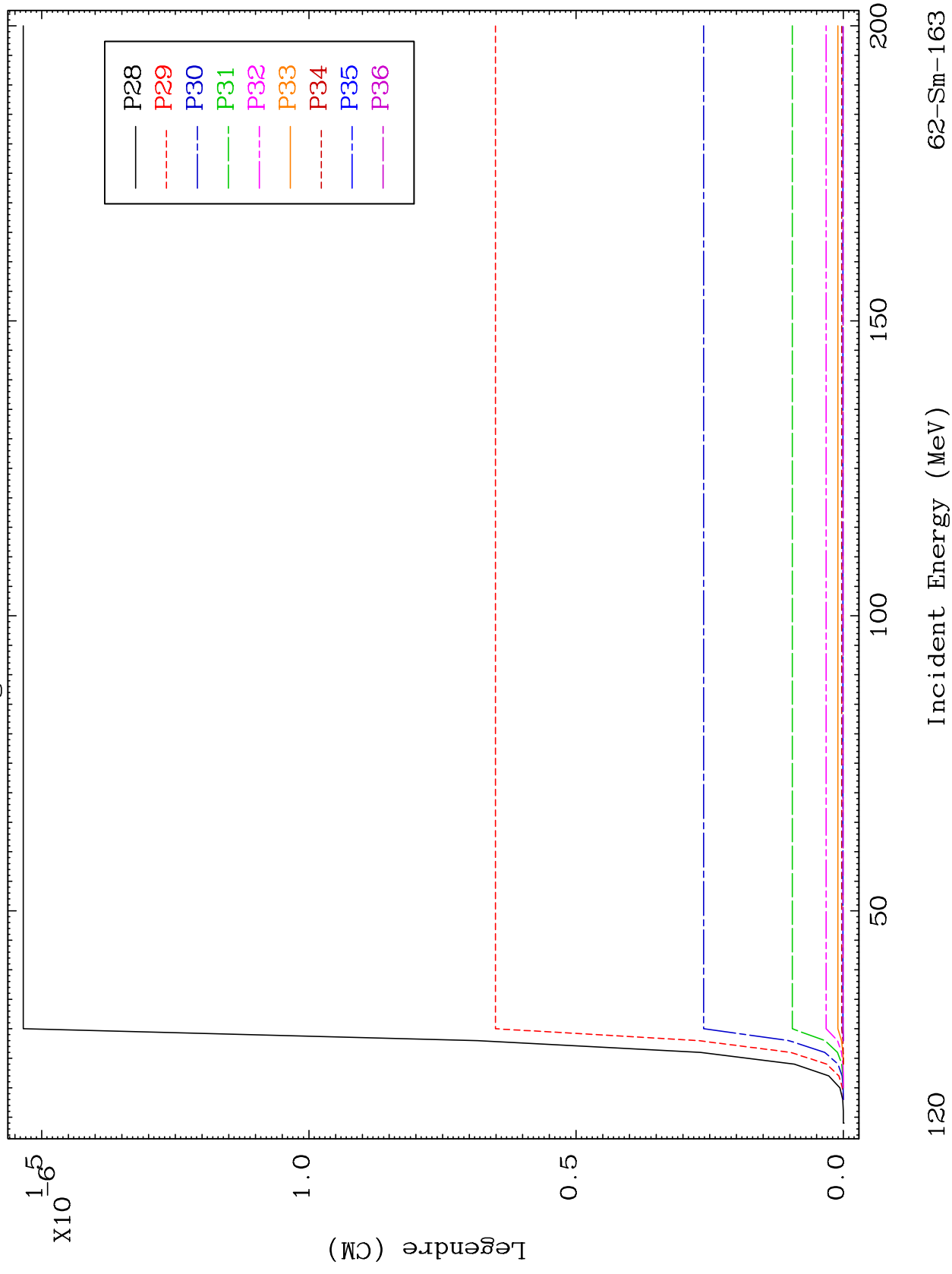


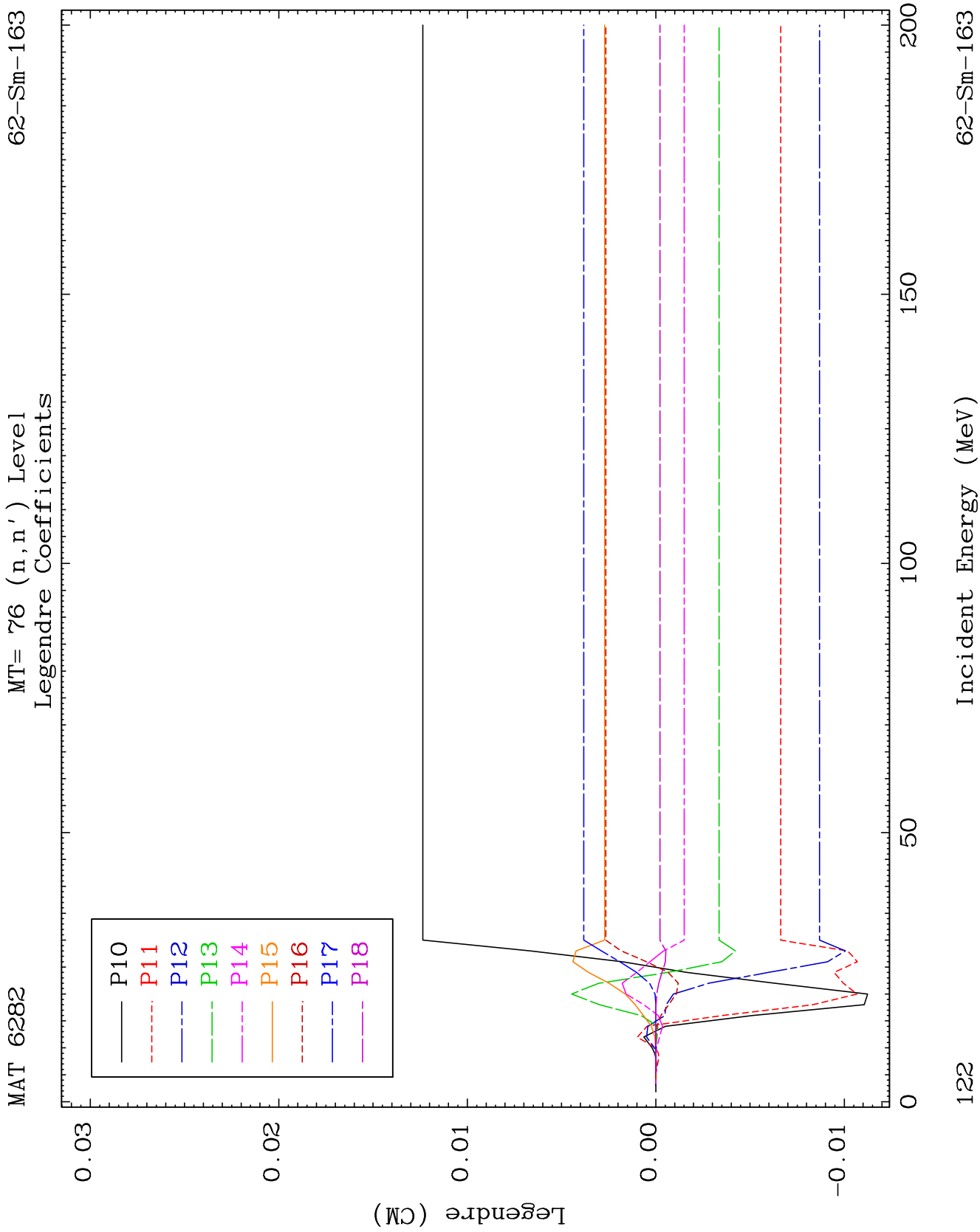


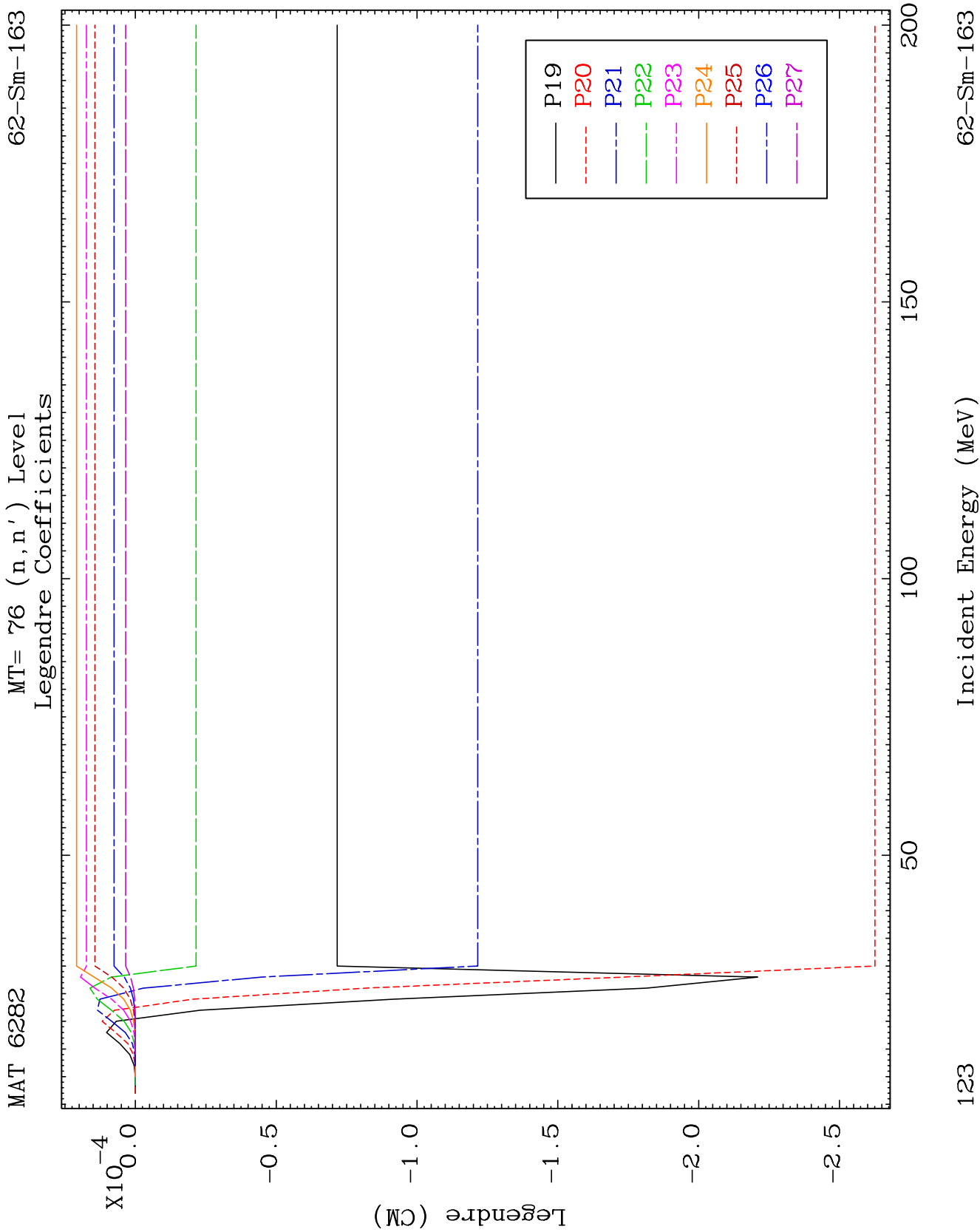
MAT 6282

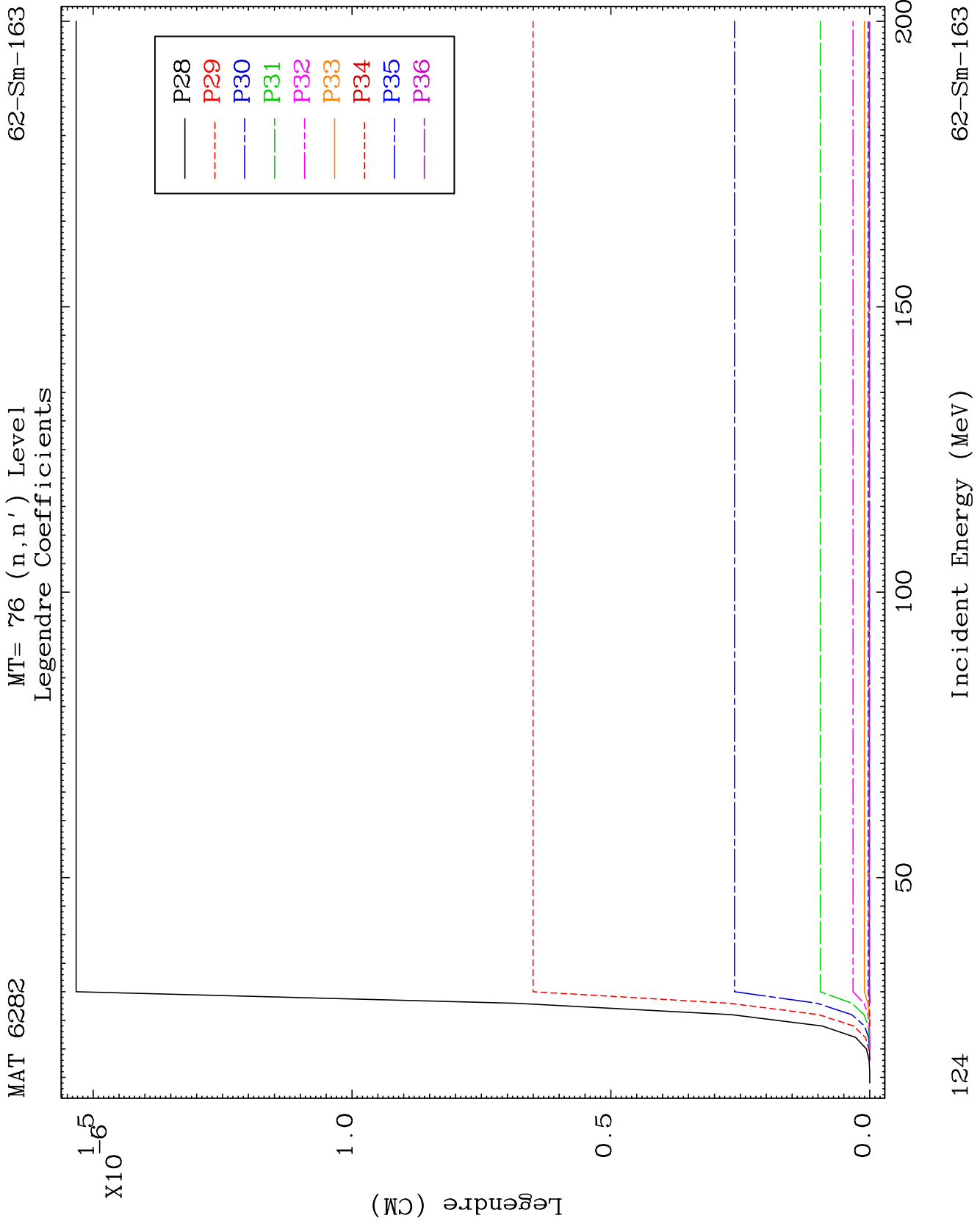
MT= 75 (n, n') Level
Legendre Coefficients

62-Sm-163





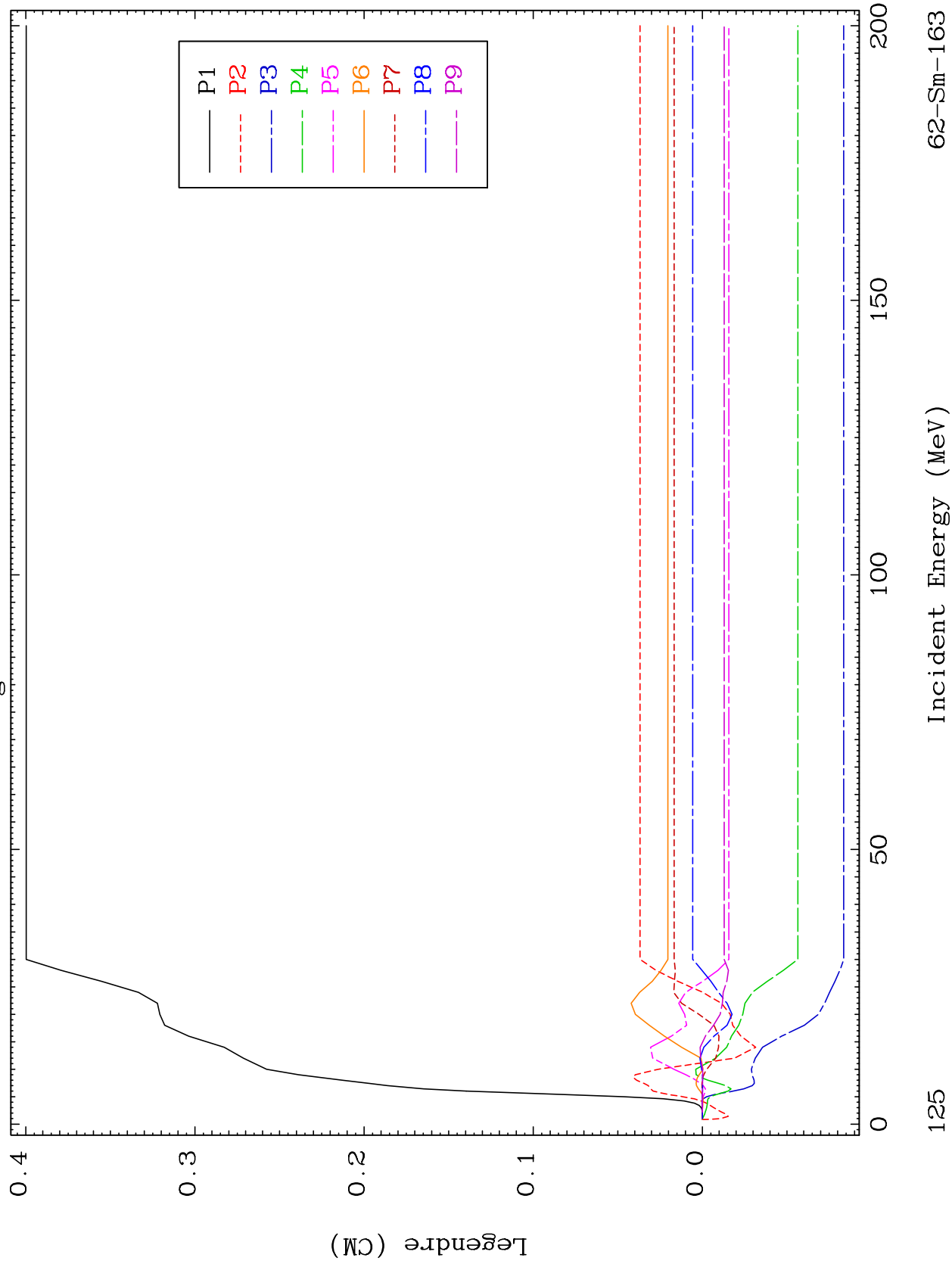




MAT 6282

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

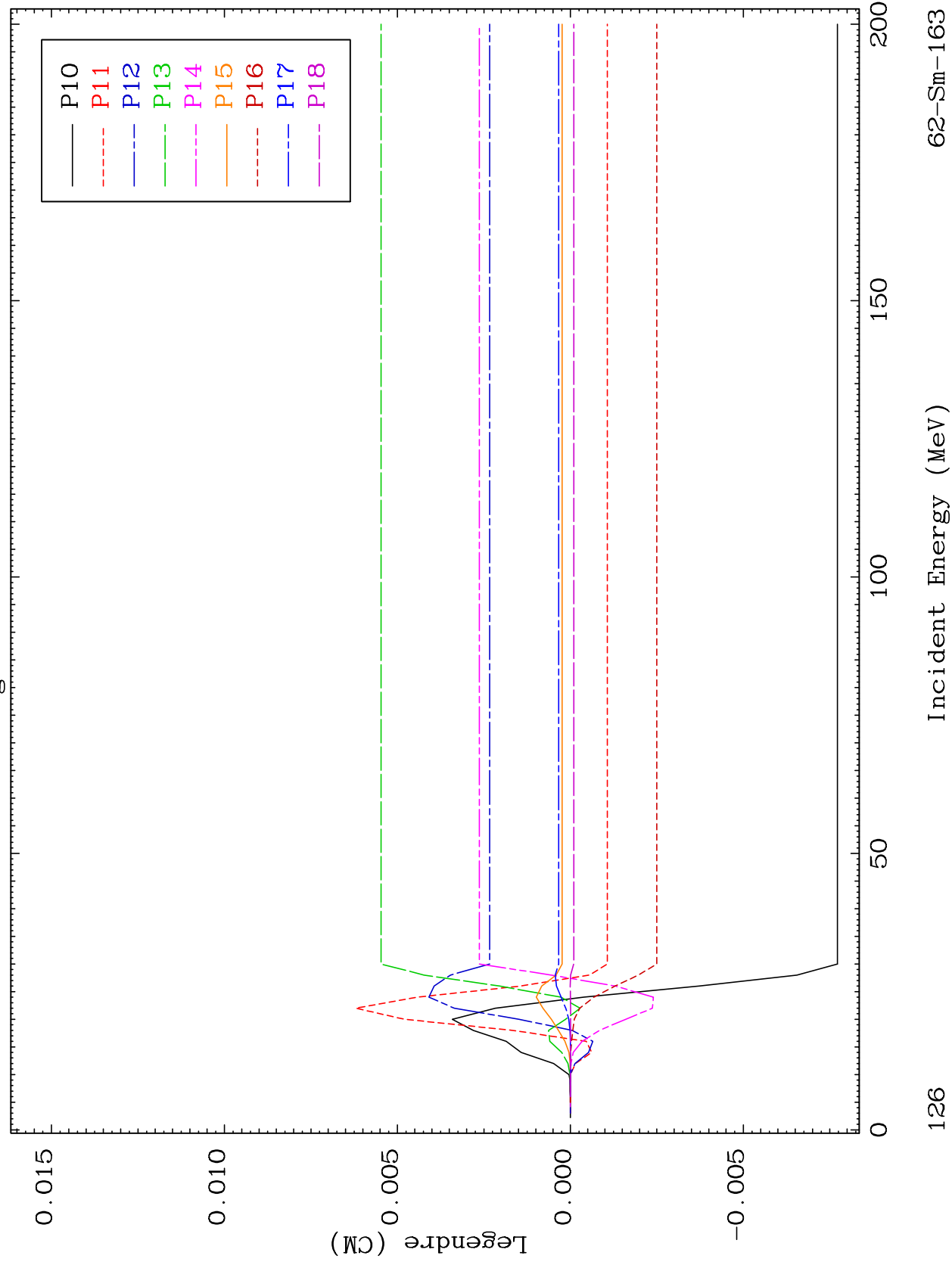
62-Sm-163

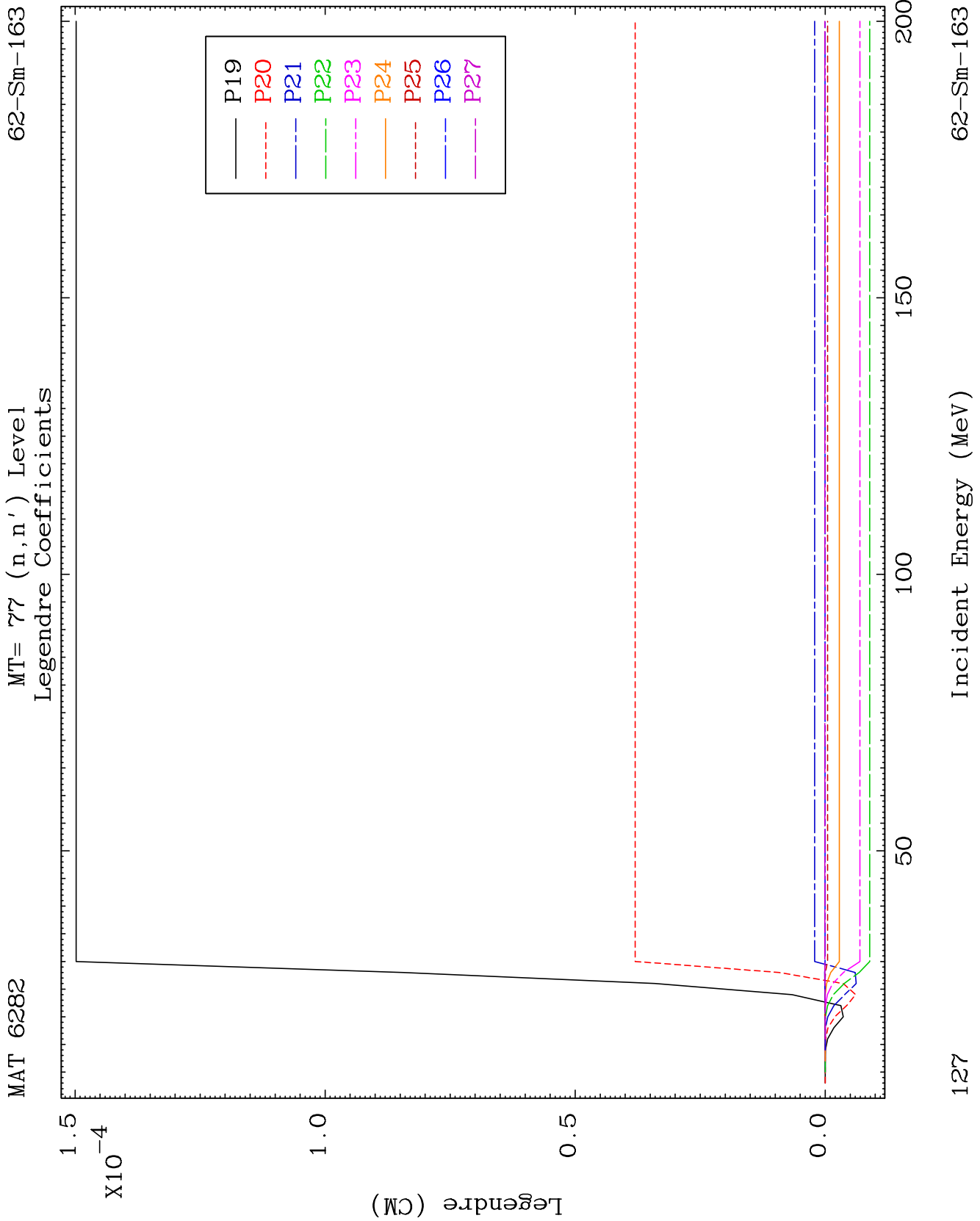


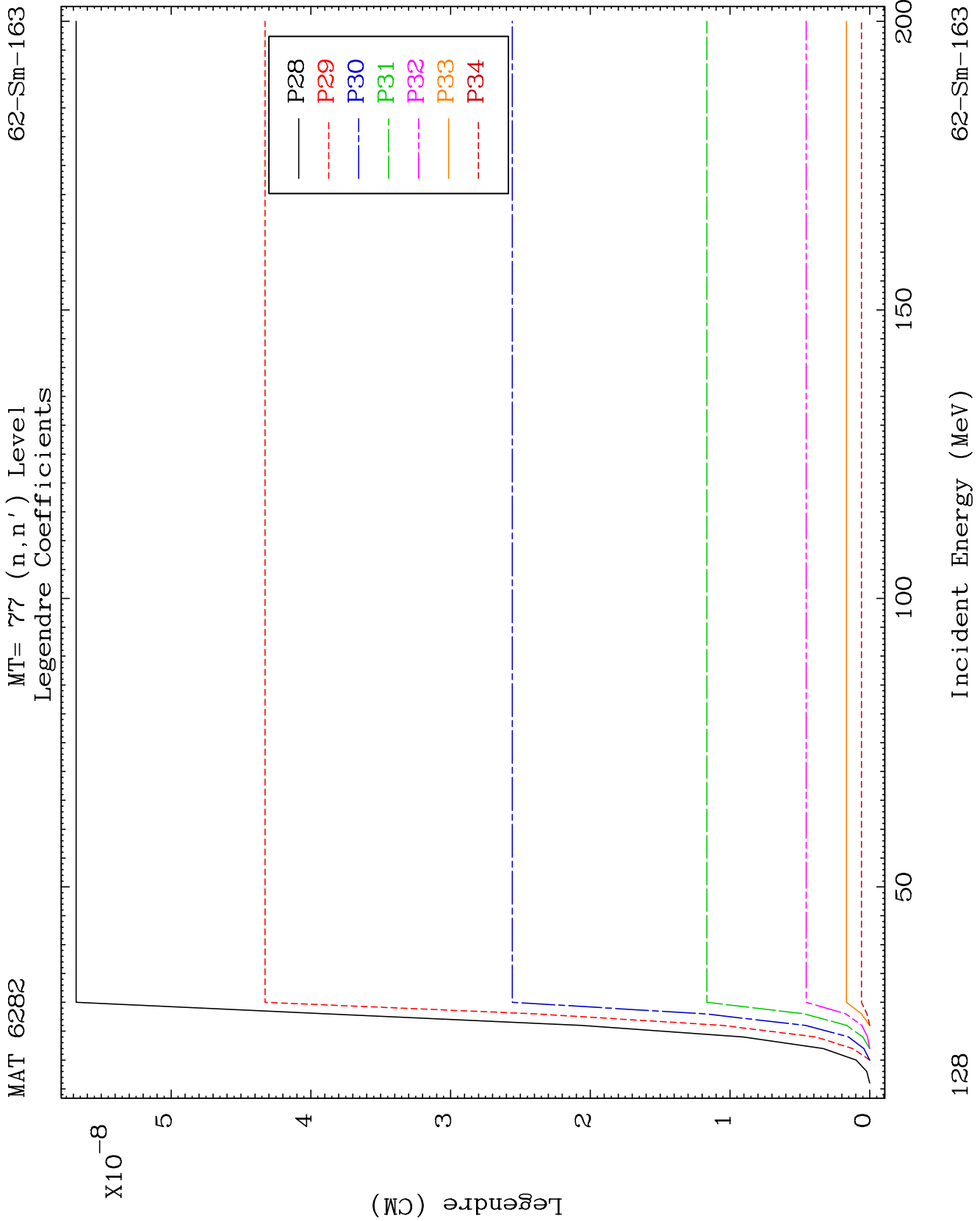
MAT 6282

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

62-Sm-163



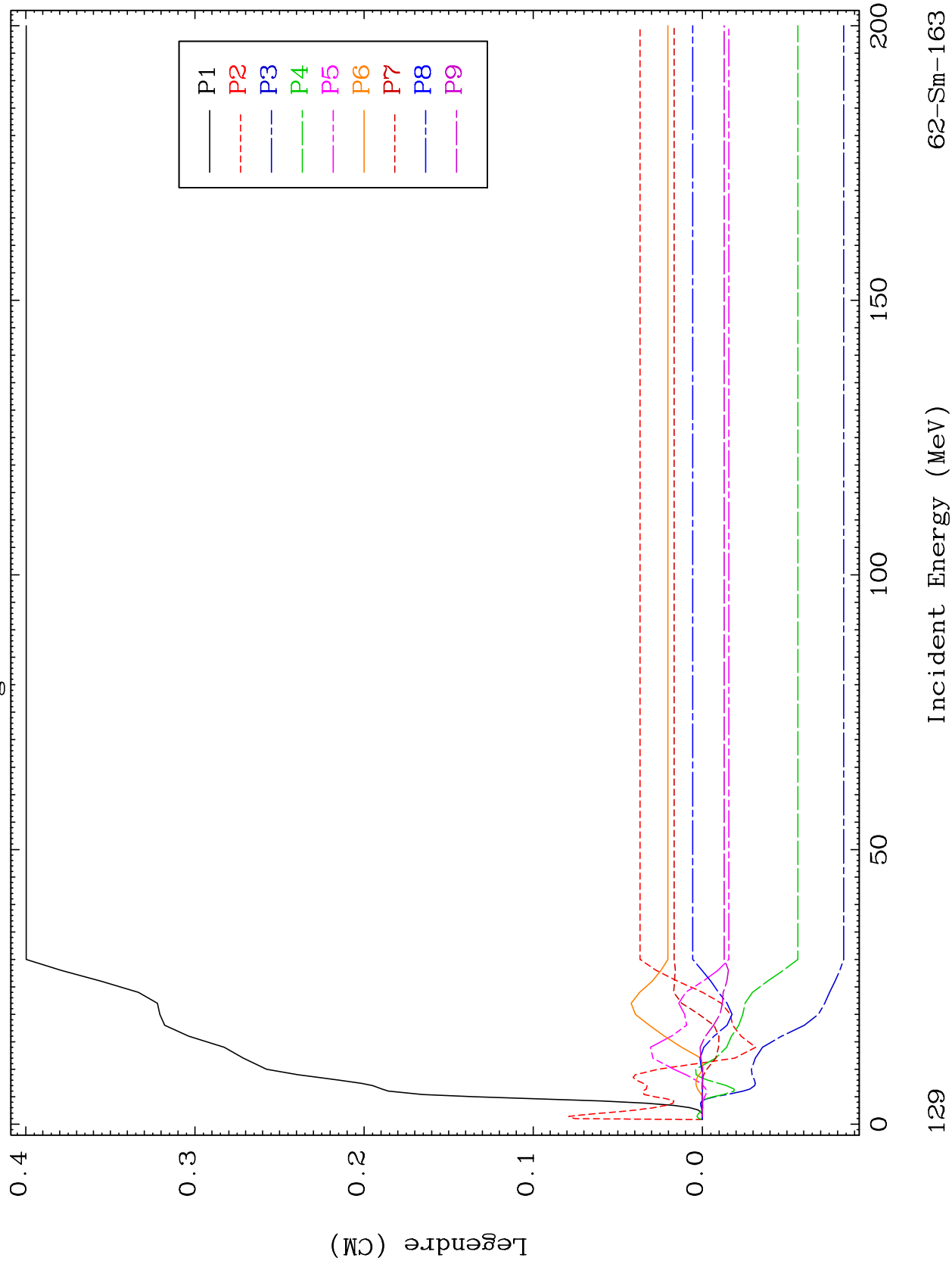




MAT 6282

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

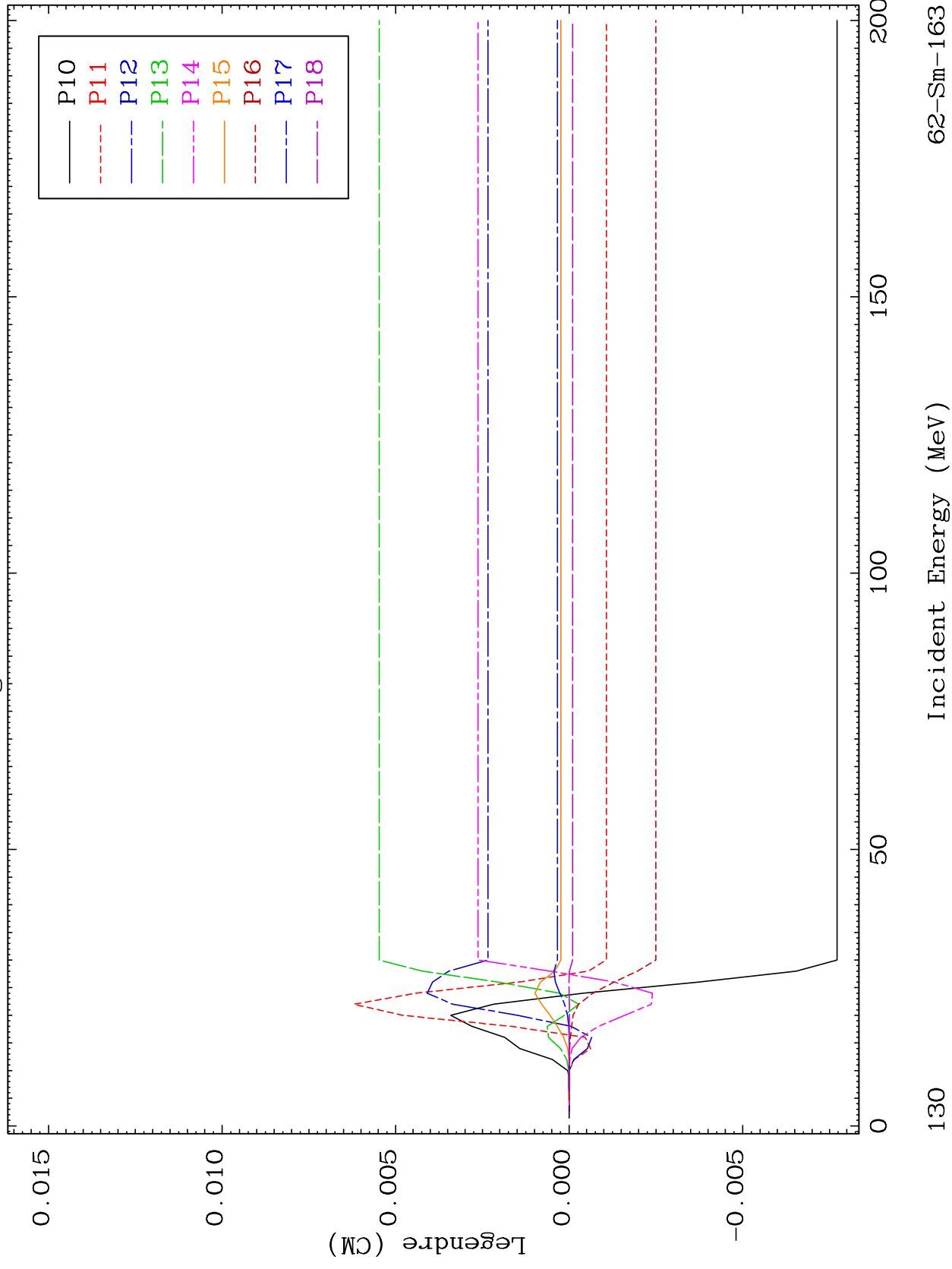
62-Sm-163

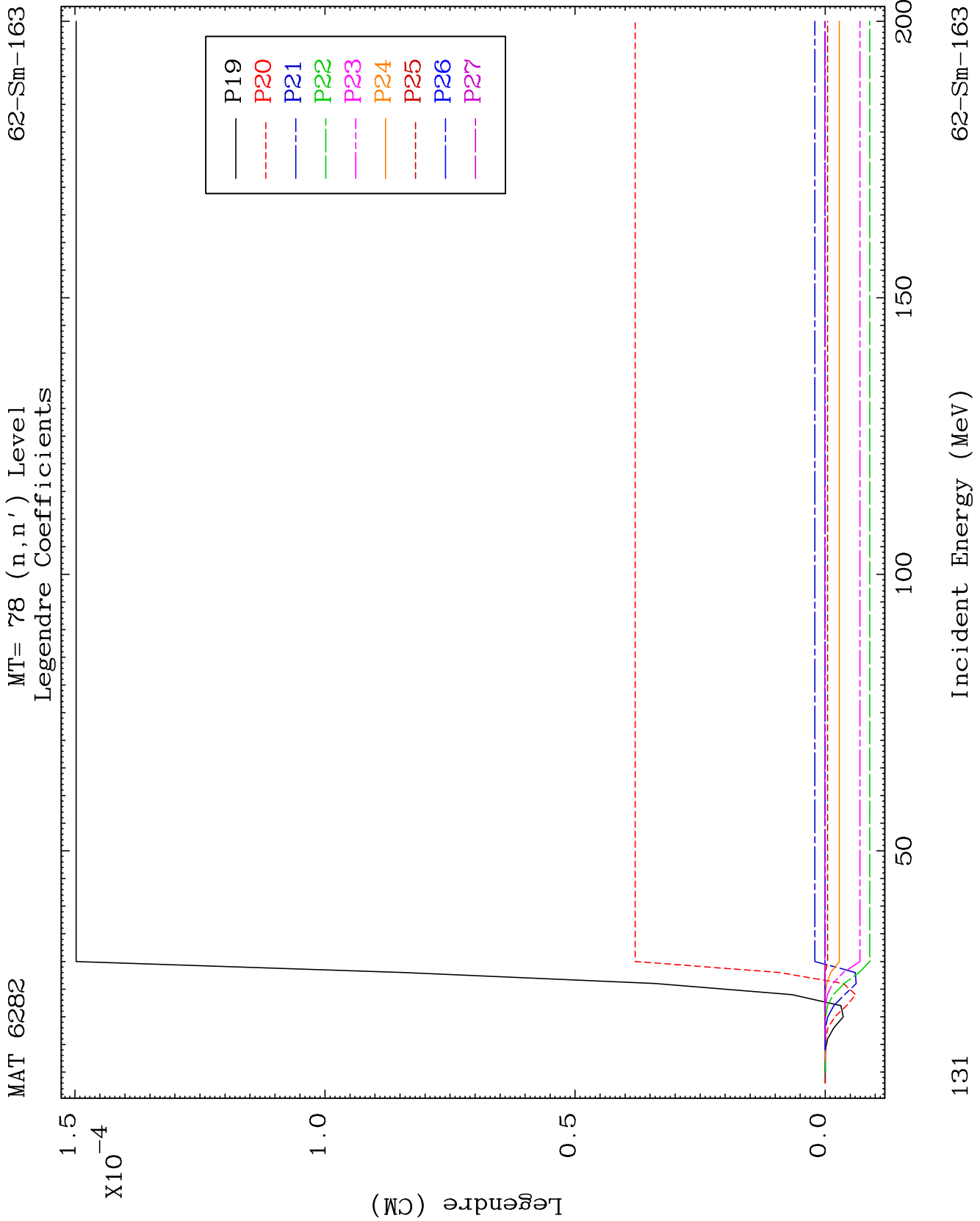


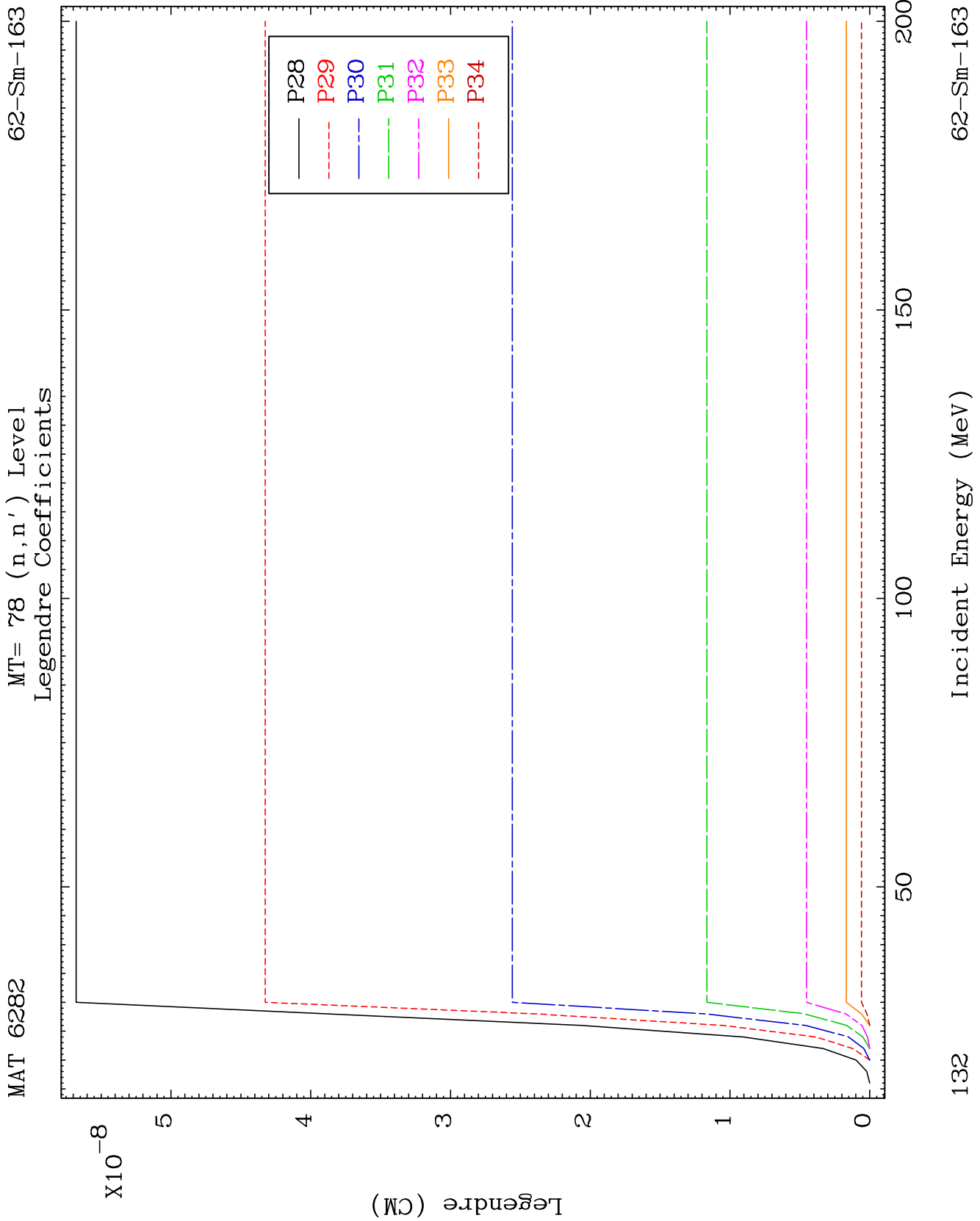
MAT 6282

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

62-Sm-163



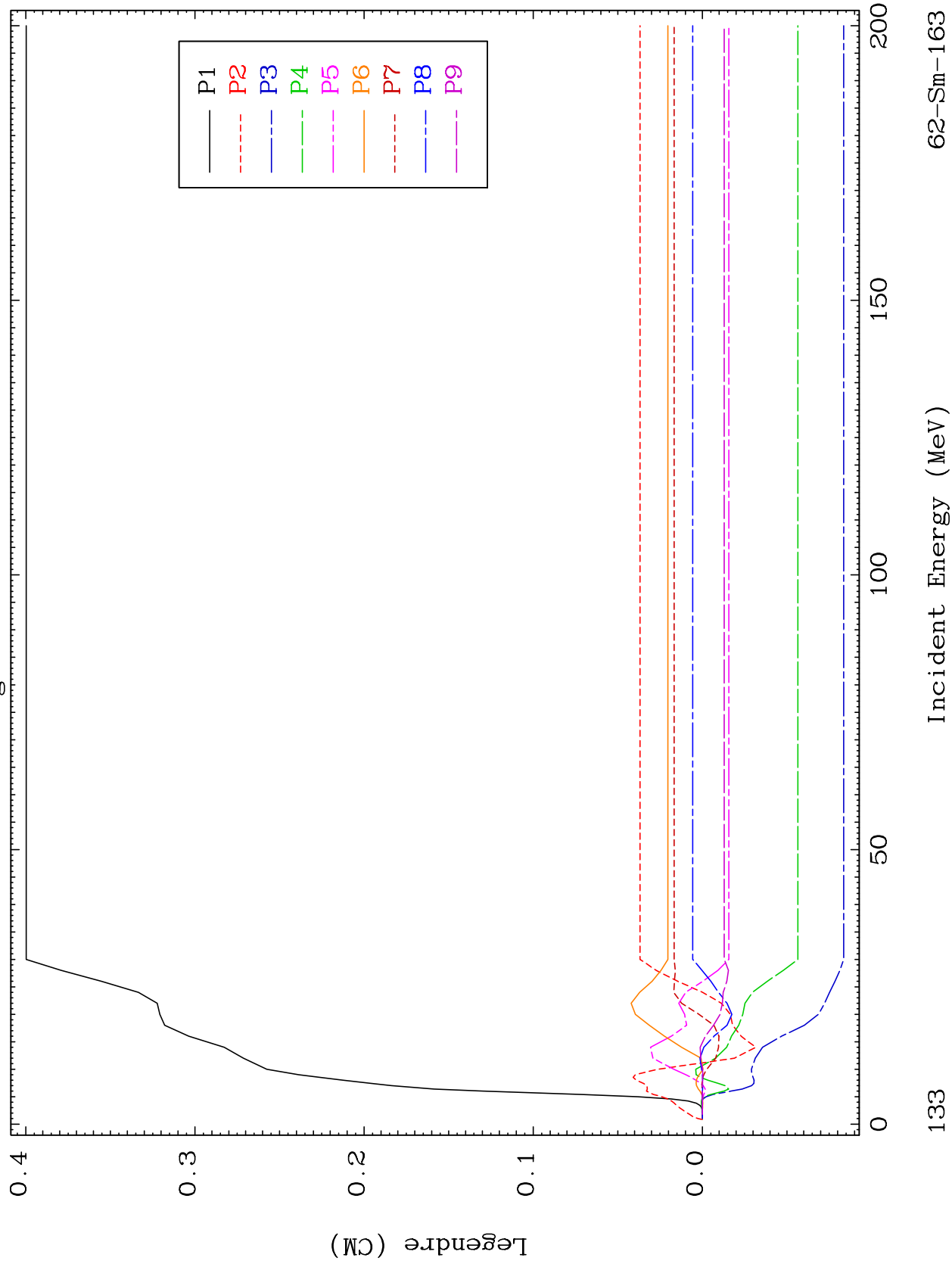


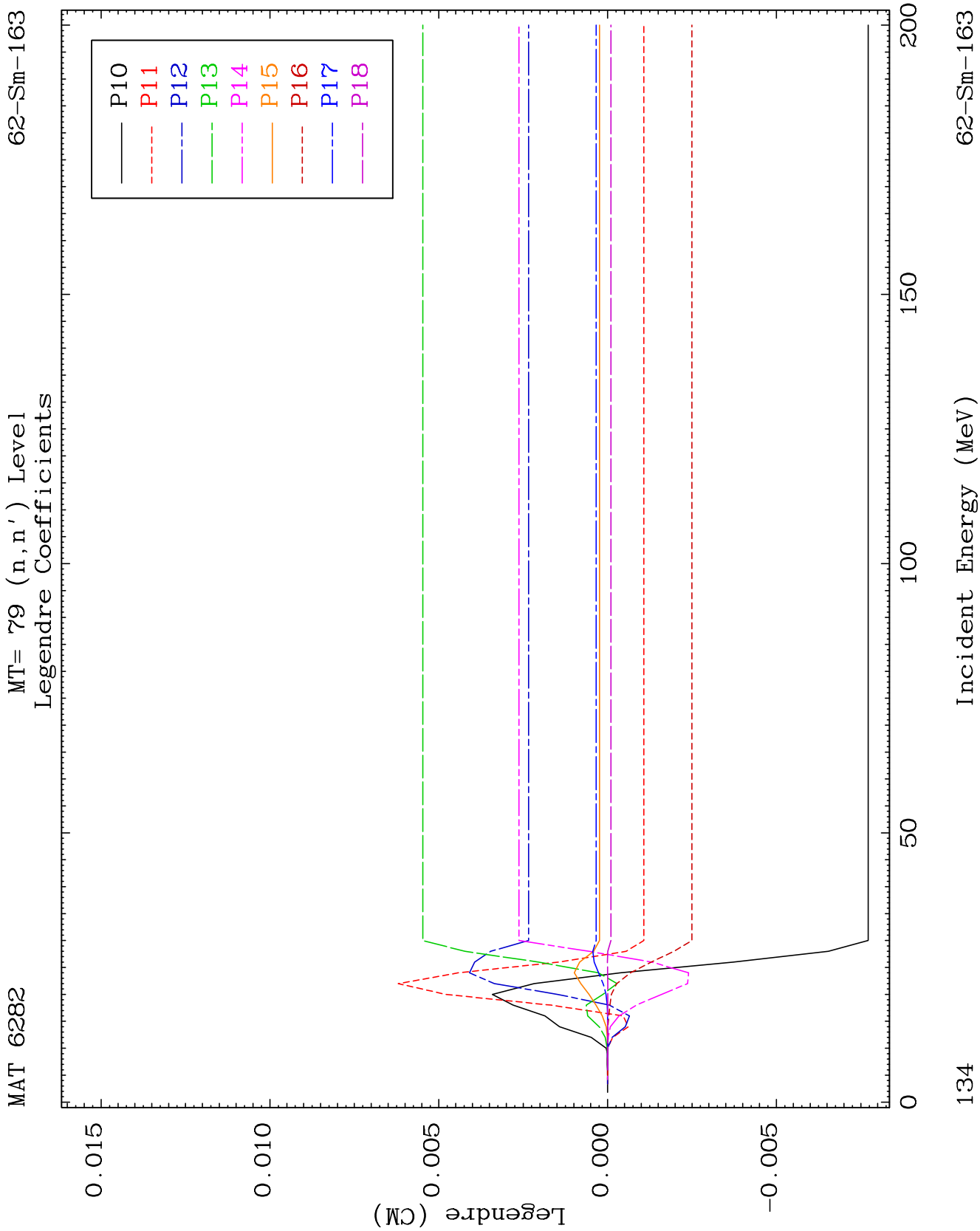


MAT 6282

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

62-Sm-163

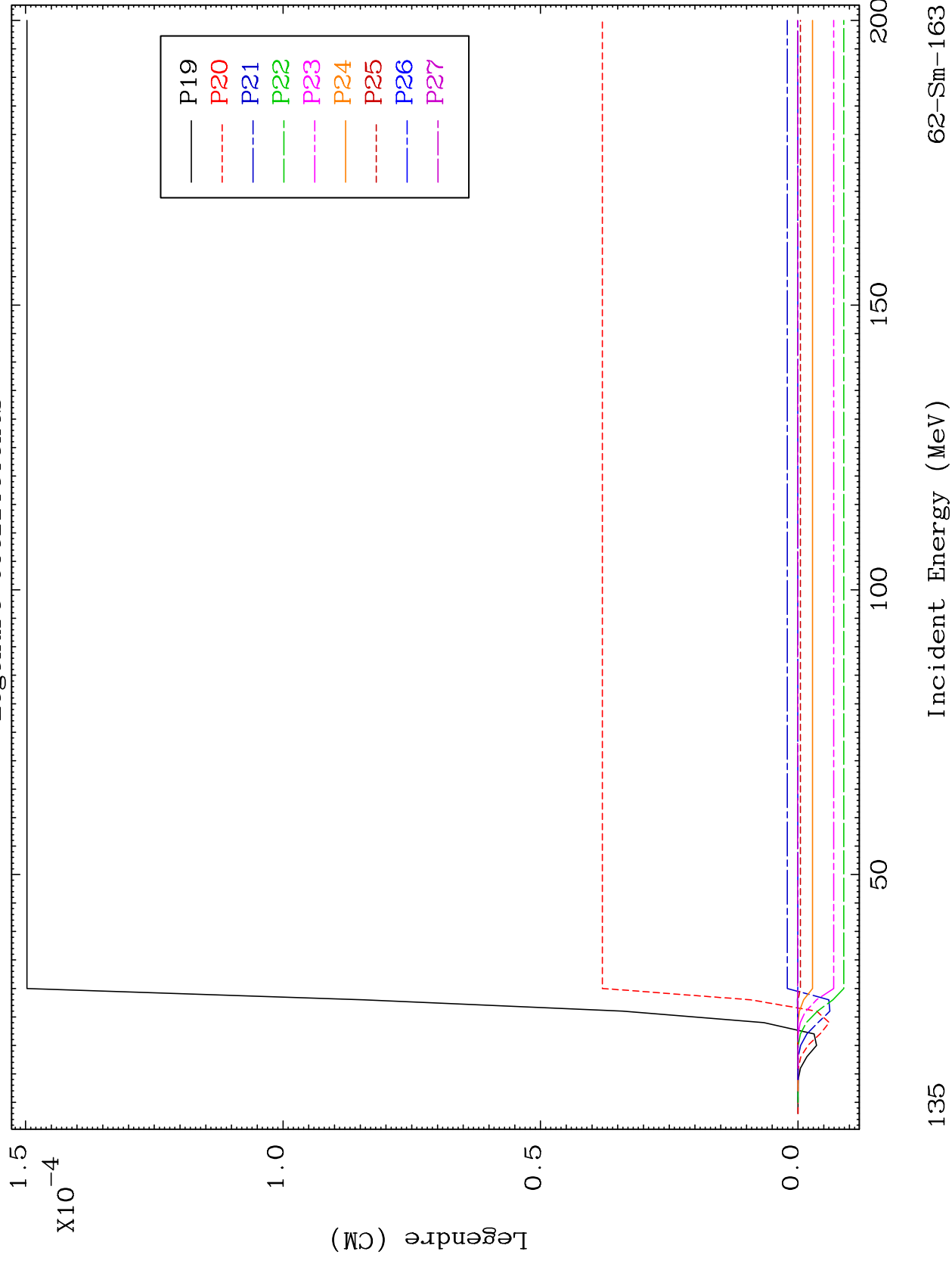


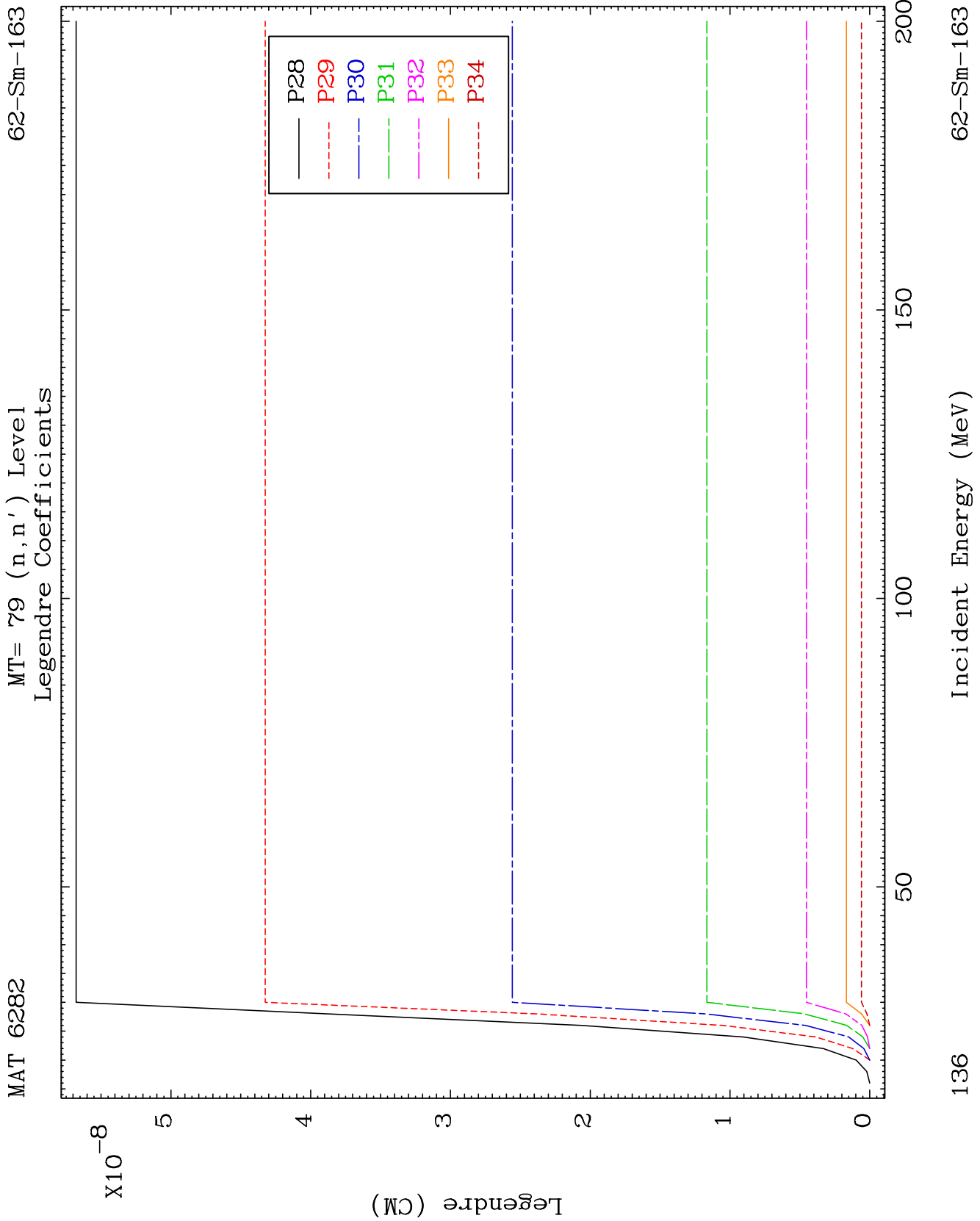


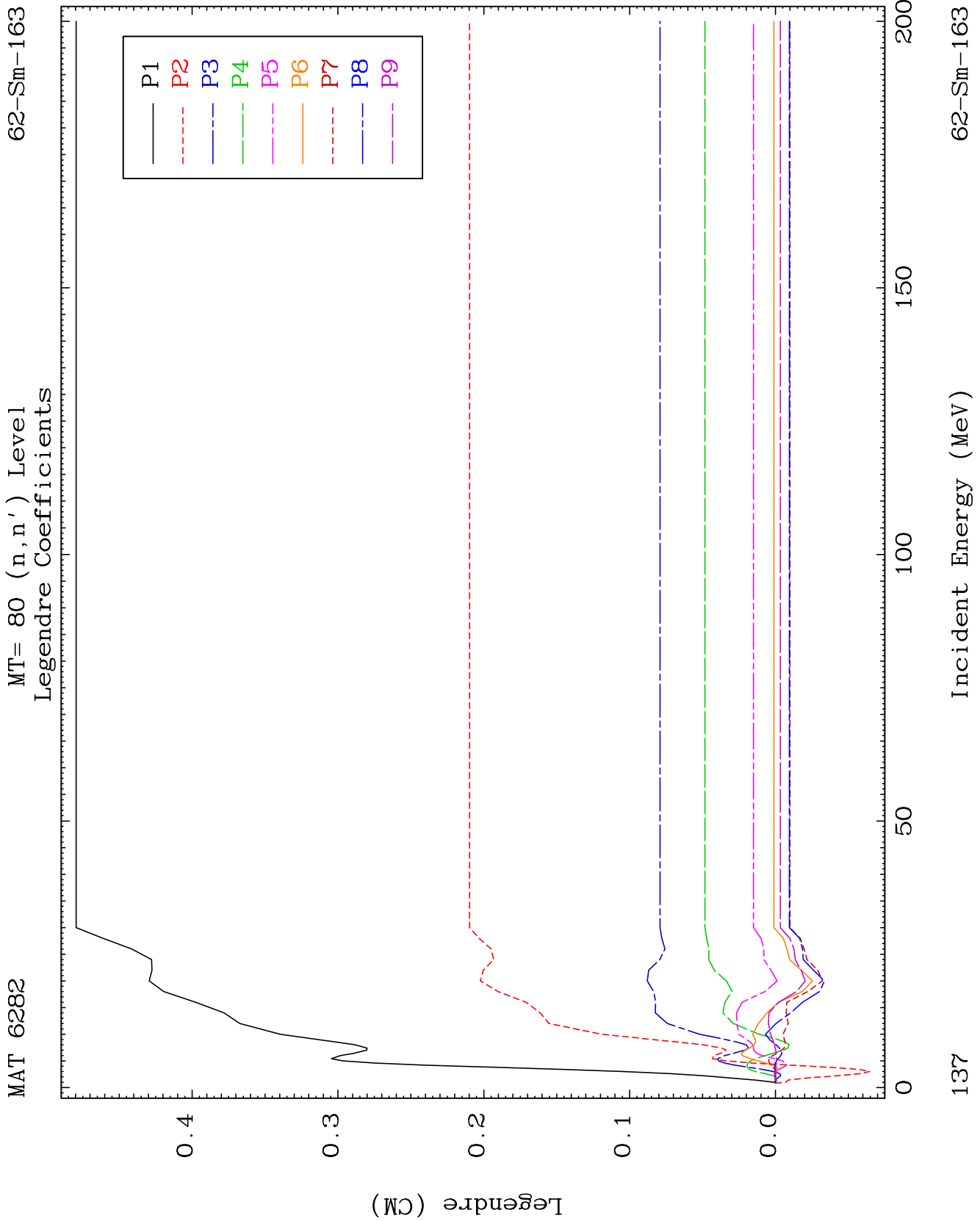
MAT 6282

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

62-Sm-163



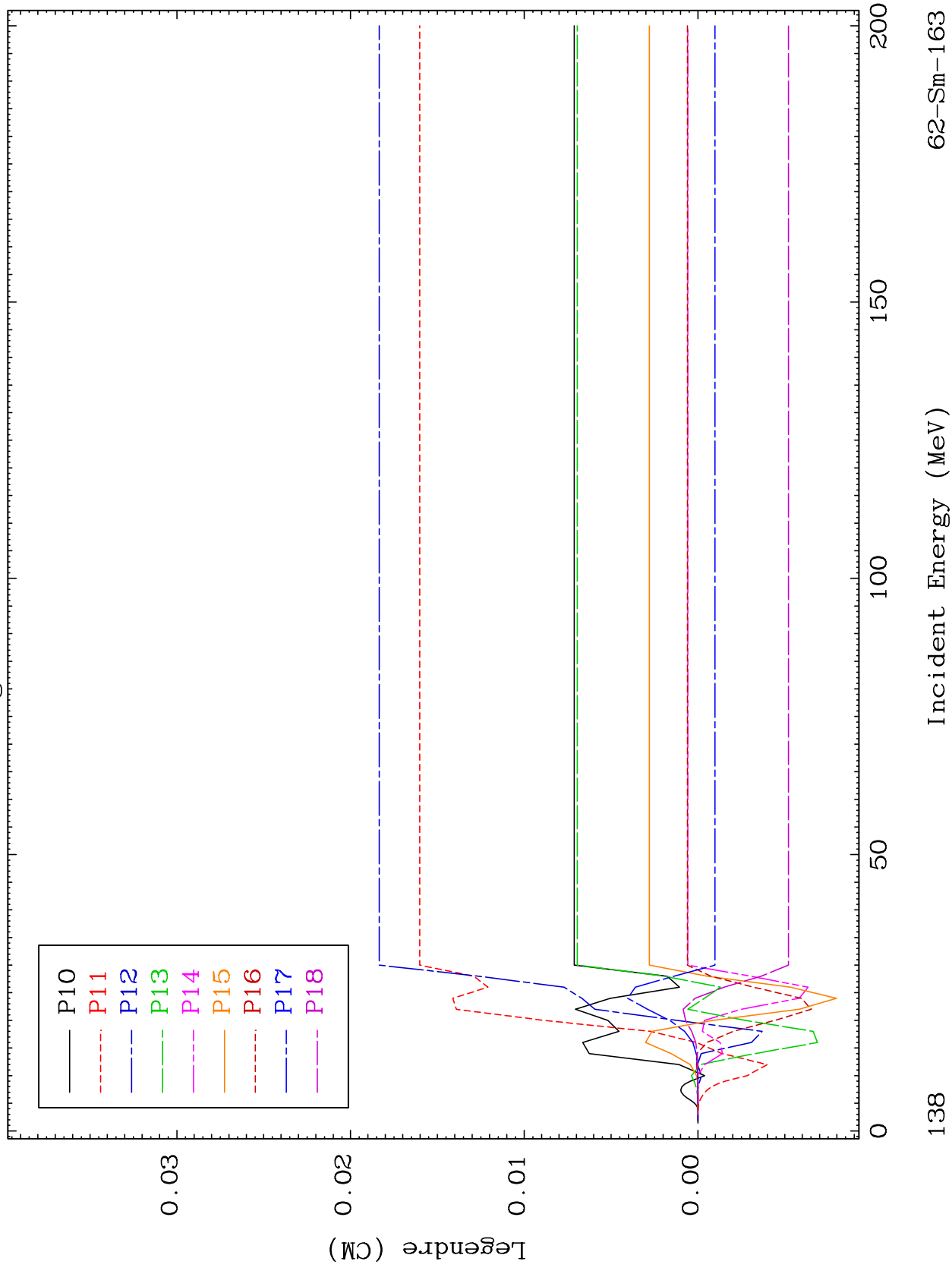




MAT 6282

MT= 80 (n, n') Level
Legendre Coefficients

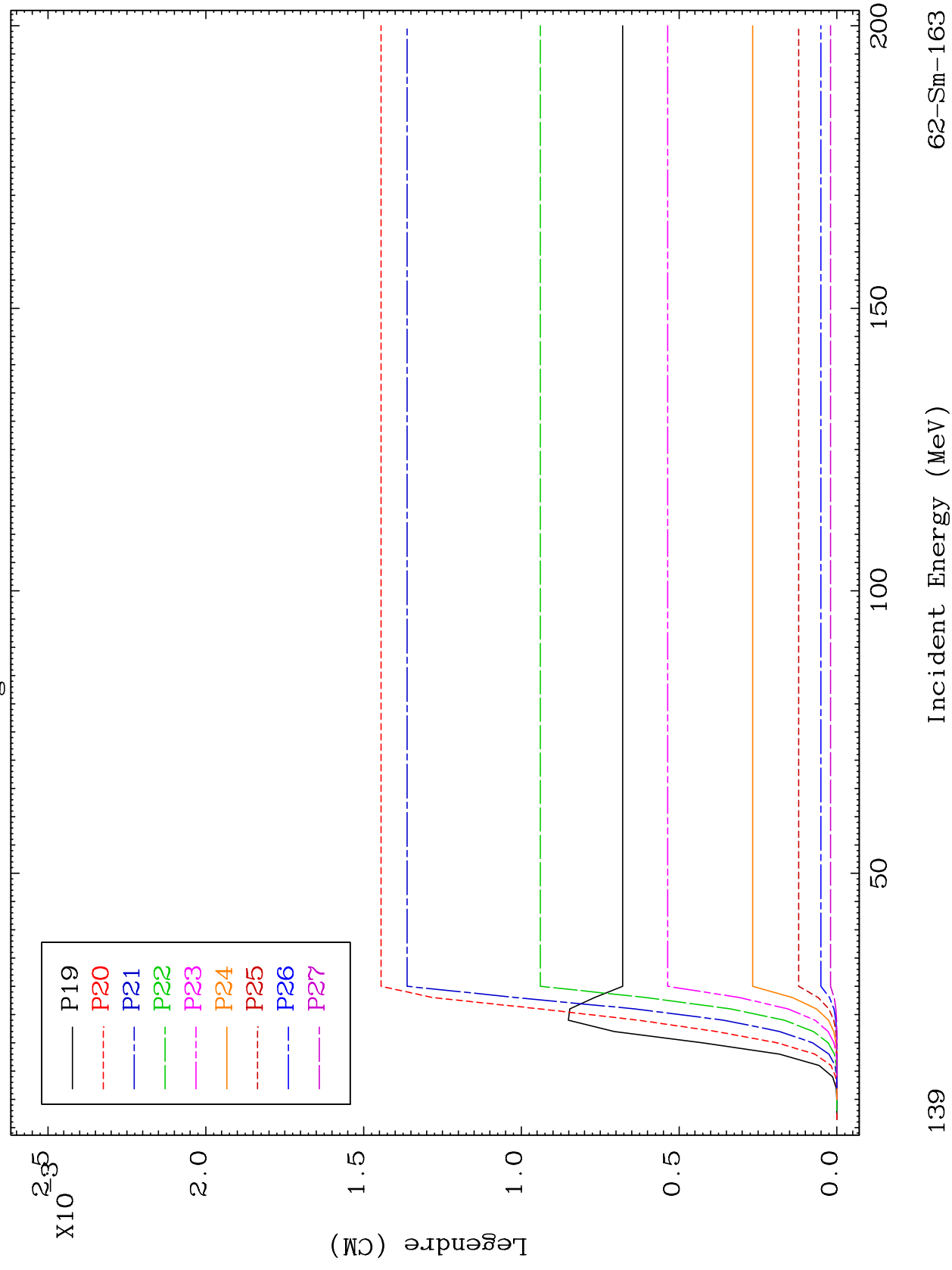
62-Sm-163

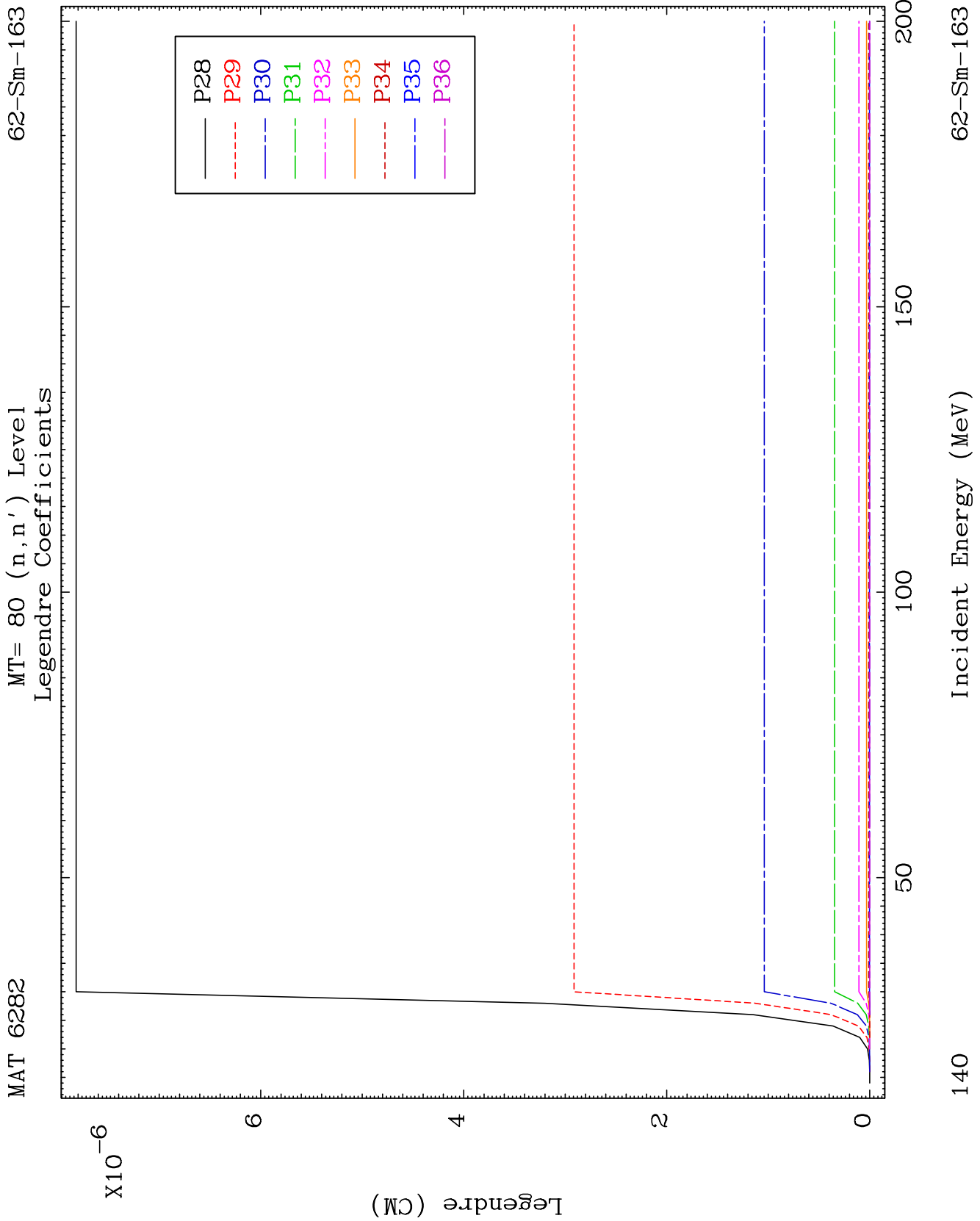


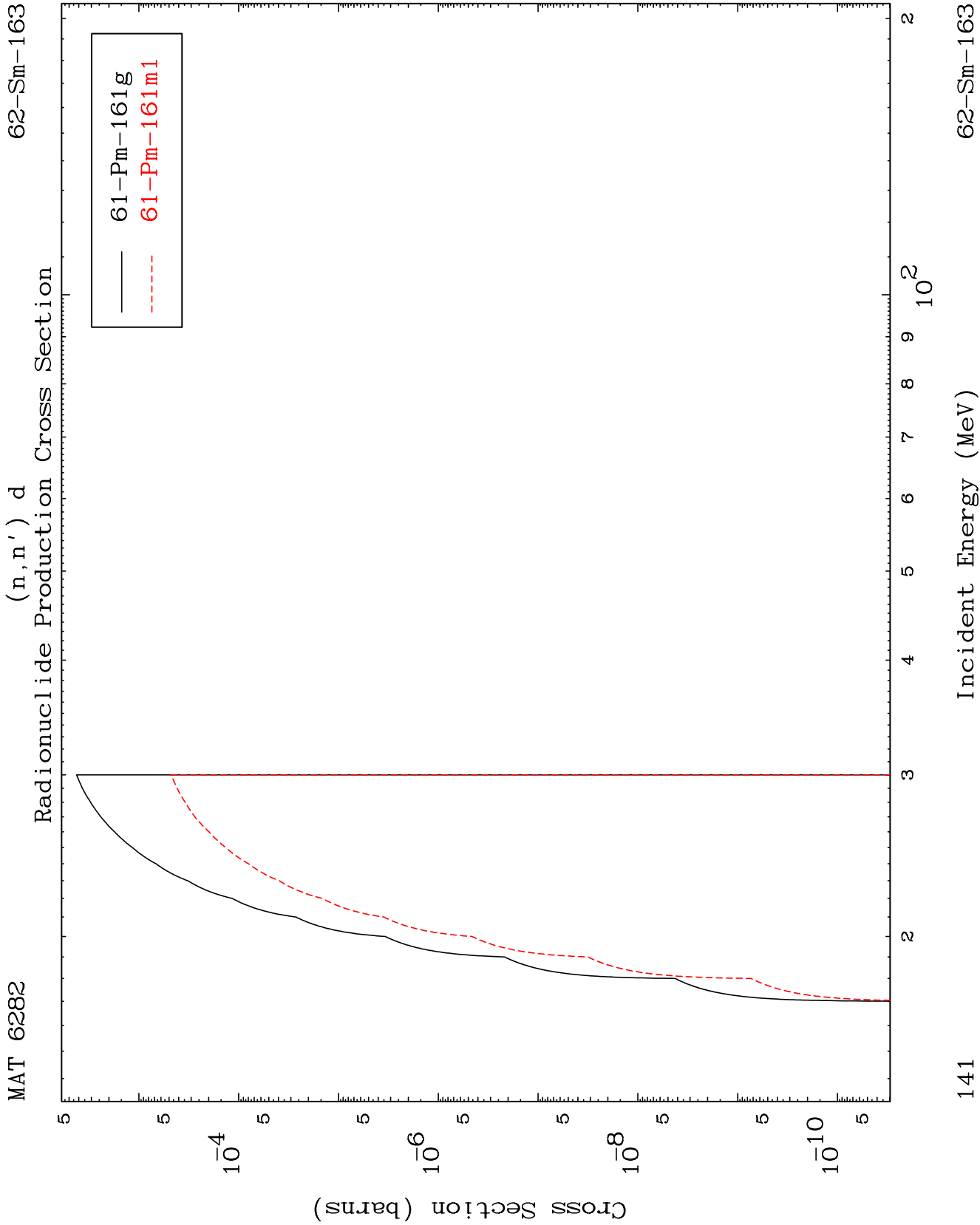
MAT 6282

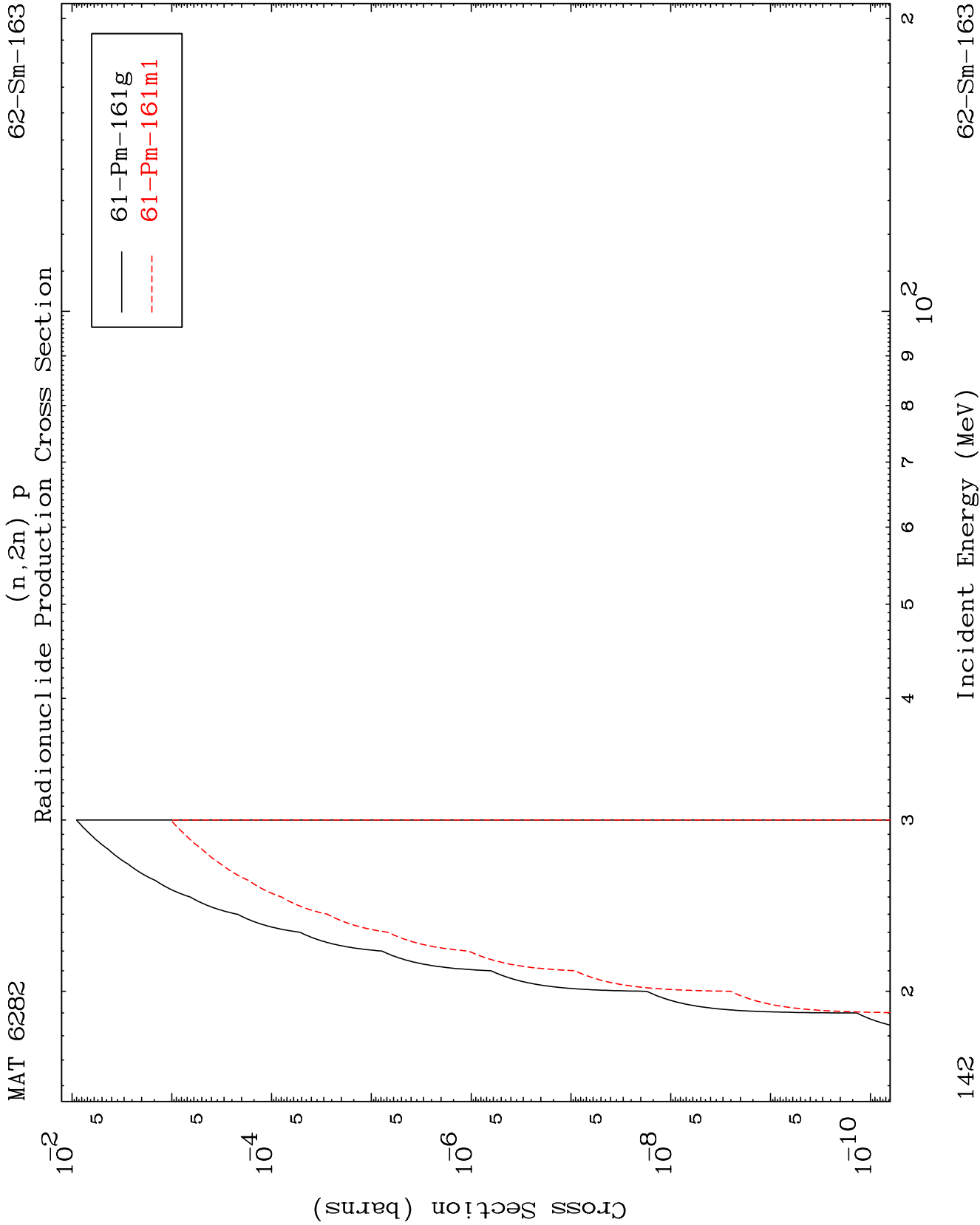
MT= 80 (n, n') Level
Legendre Coefficients

62-Sm-163





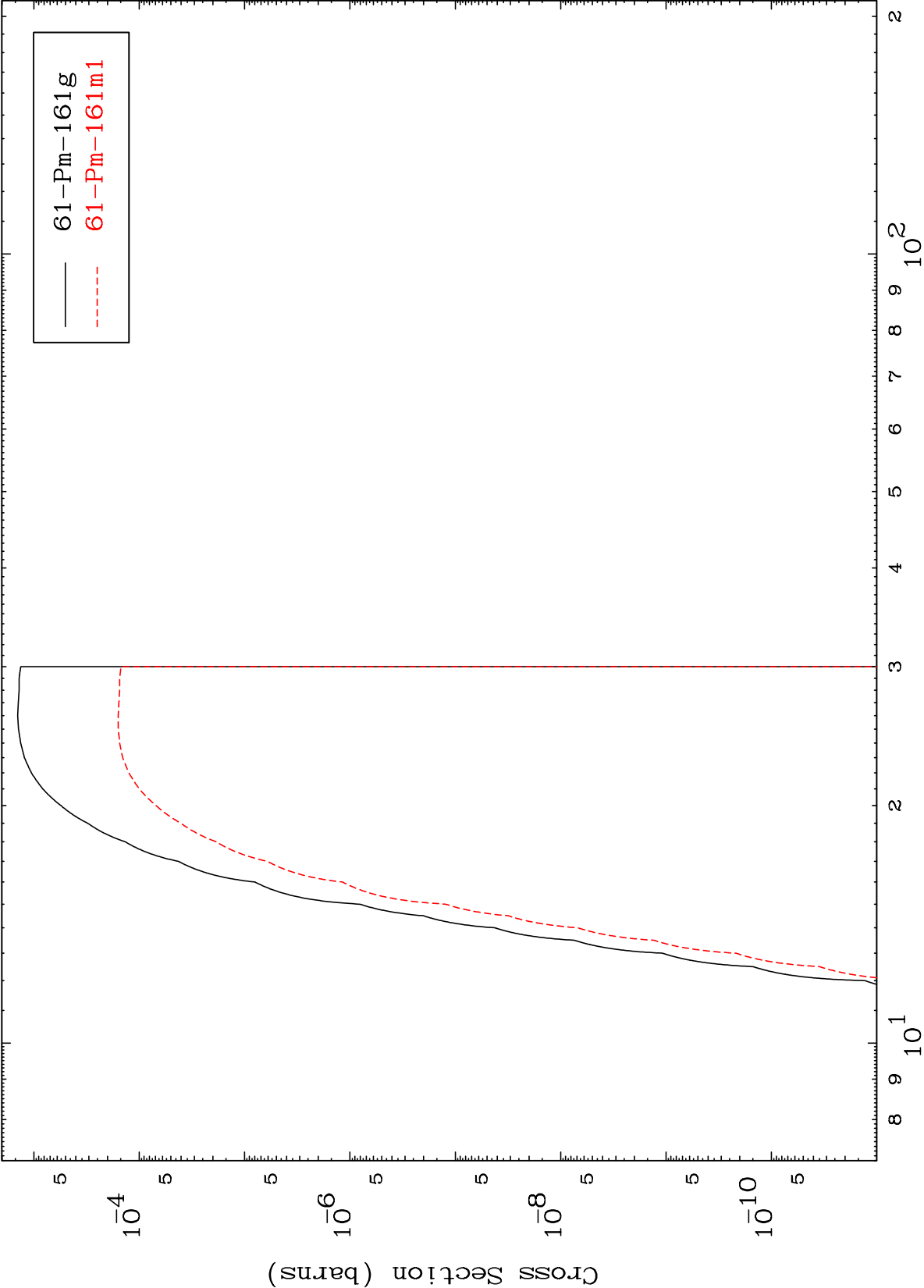




MAT 6282

62-Sm-163

(n,t)
Radionuclide Production Cross Section



143

Incident Energy (MeV)

62-Sm-163