

Program EVALPLOT
(Version 2021-1)

by

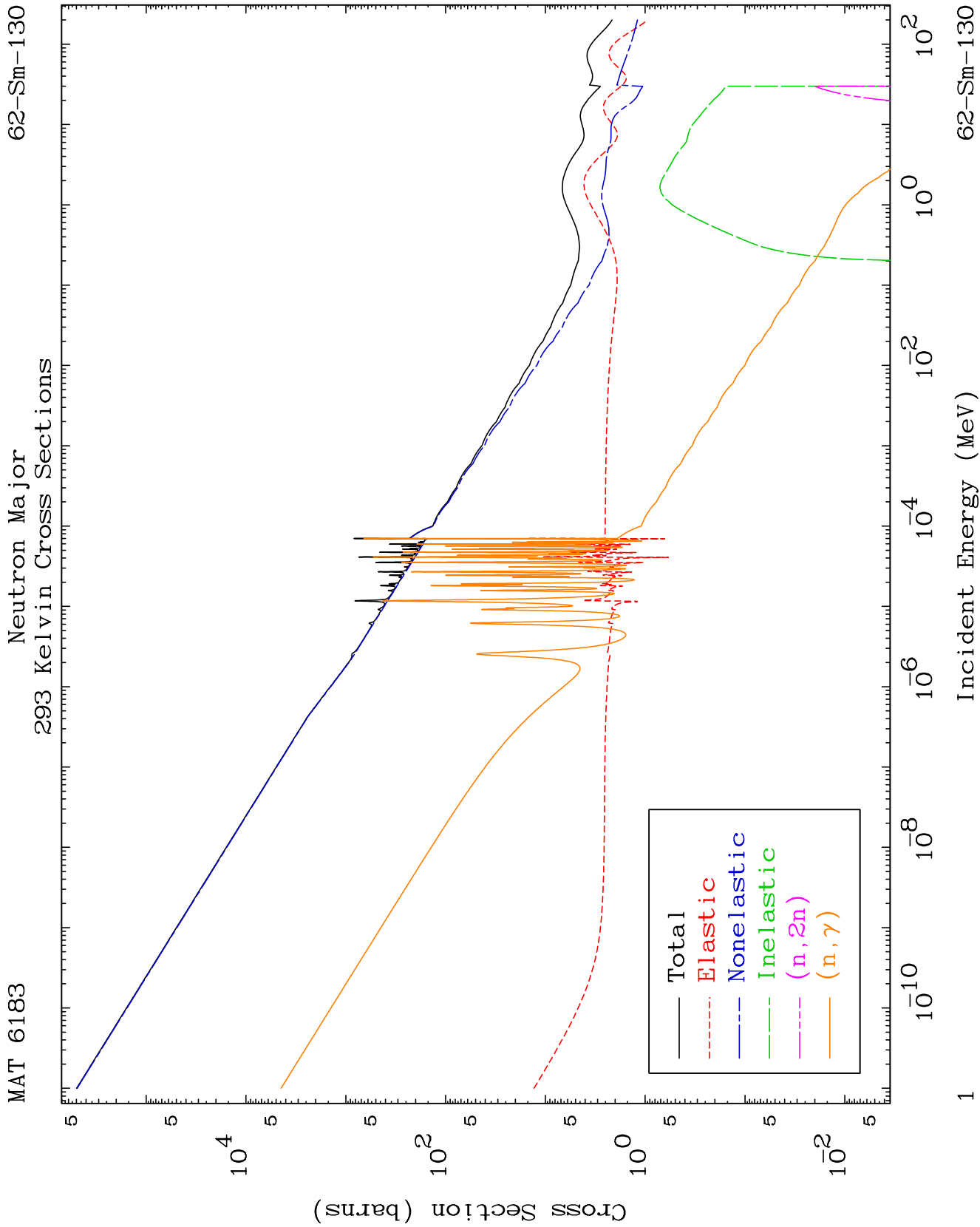
Dermott E. Cullen
(Present Contact Information)

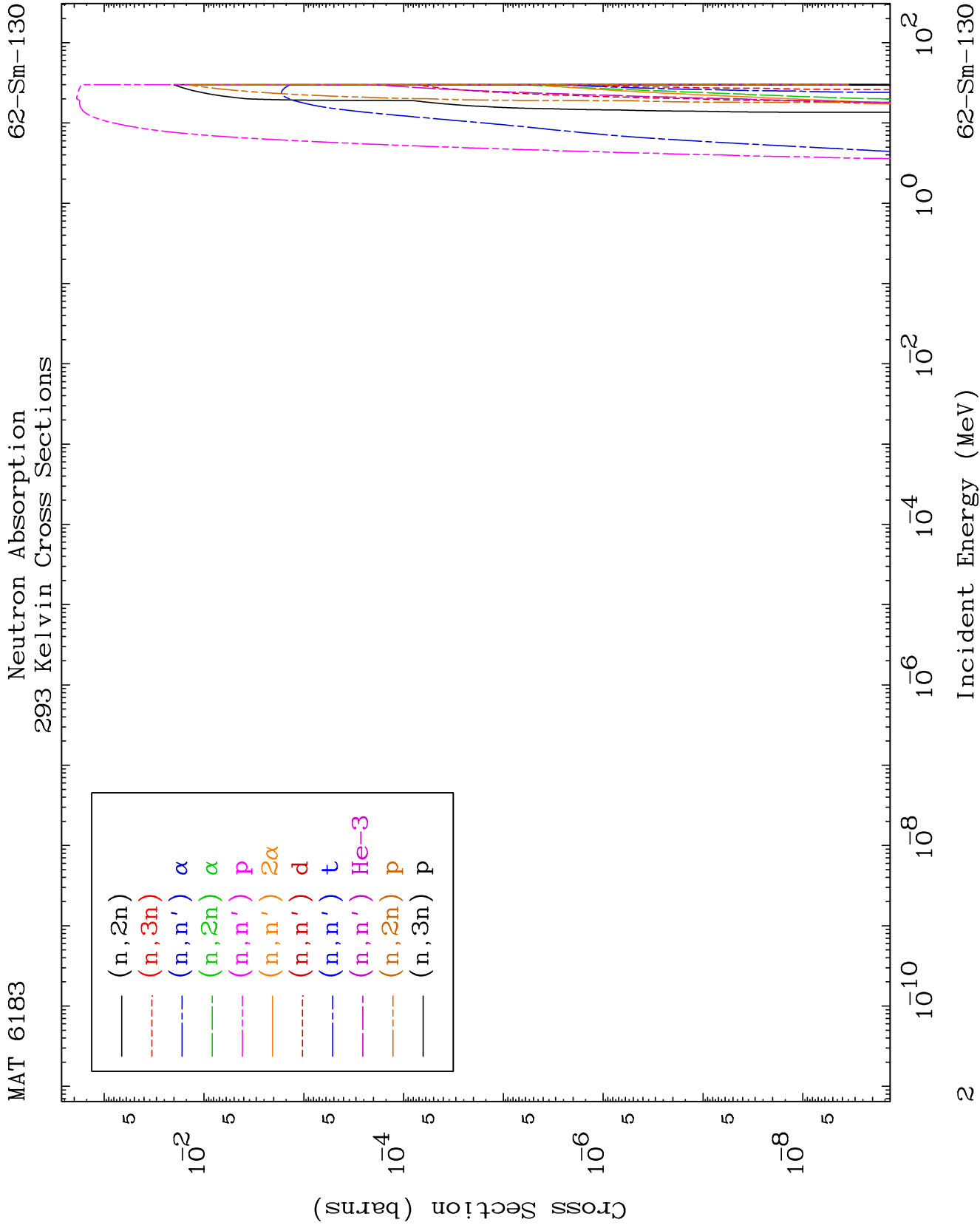
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

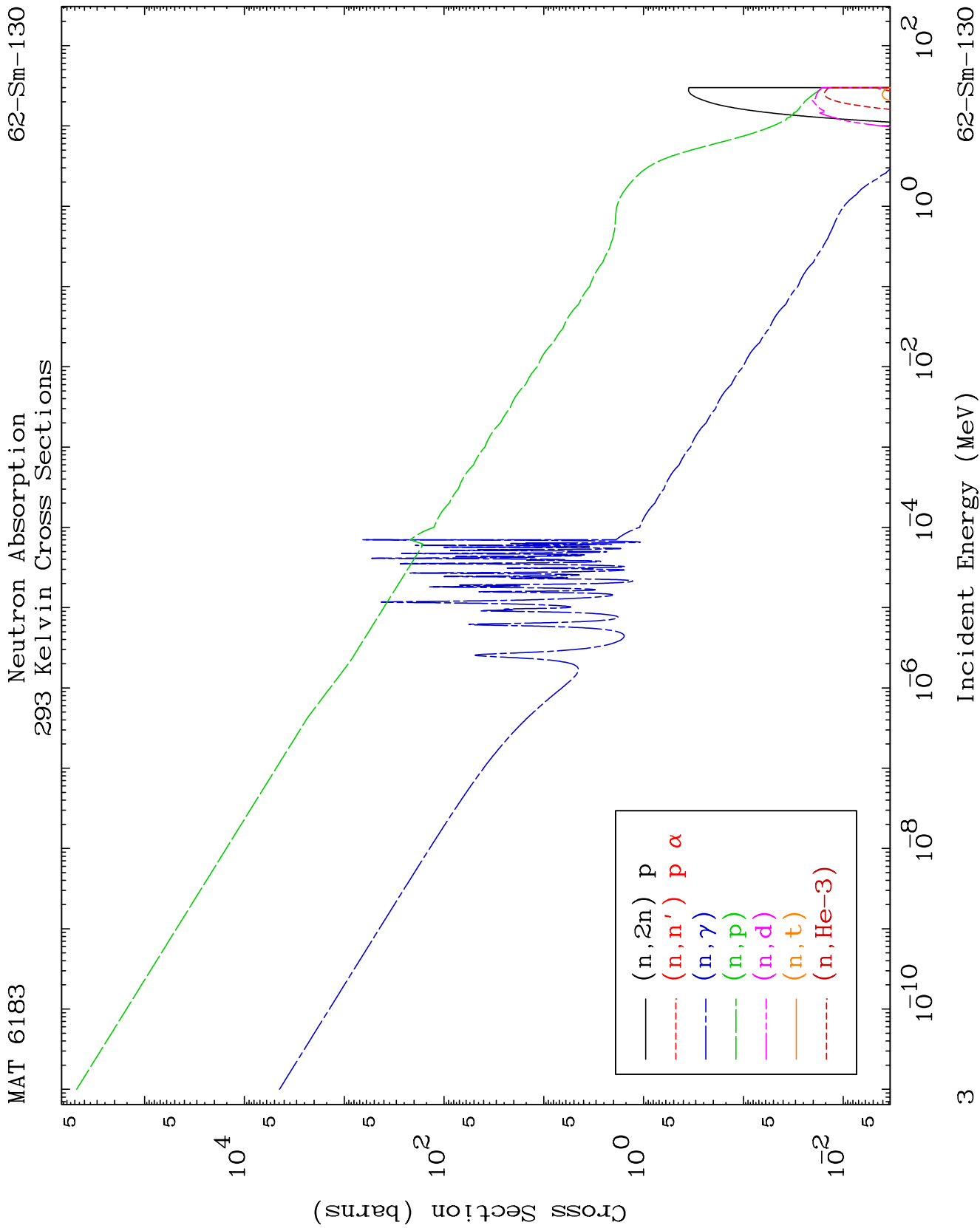
Tele: 925-443-1911

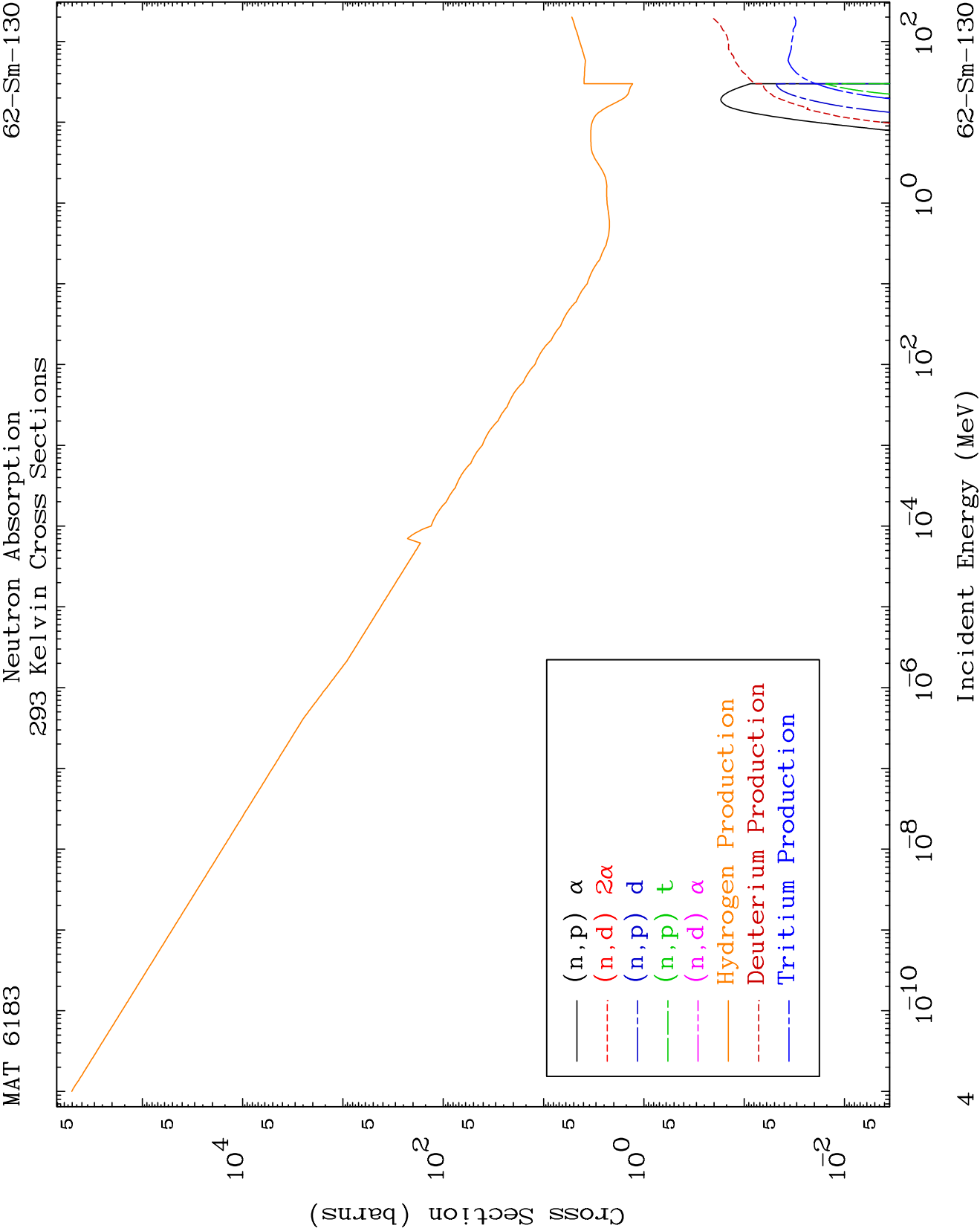
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

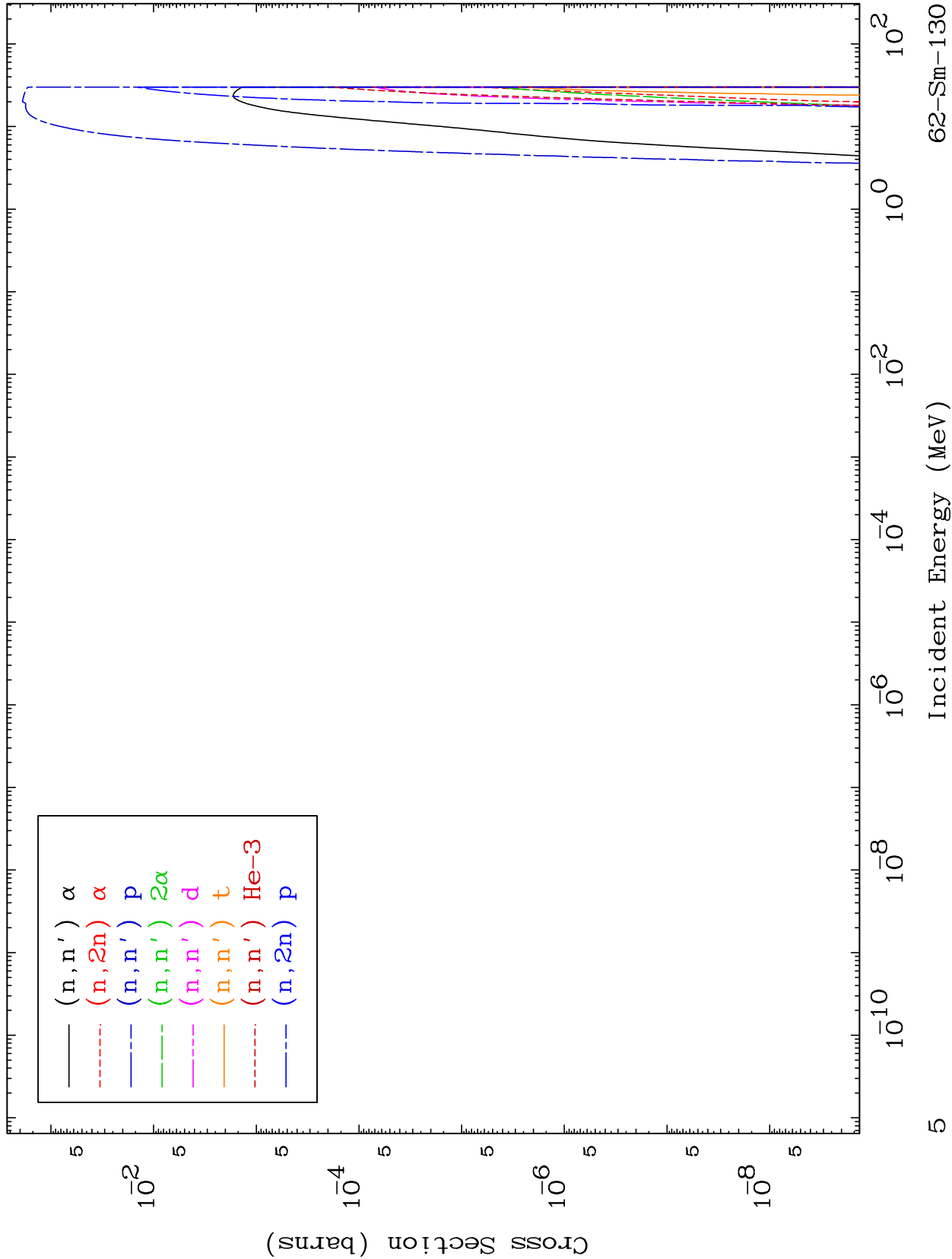
Press Mouse Button to Start

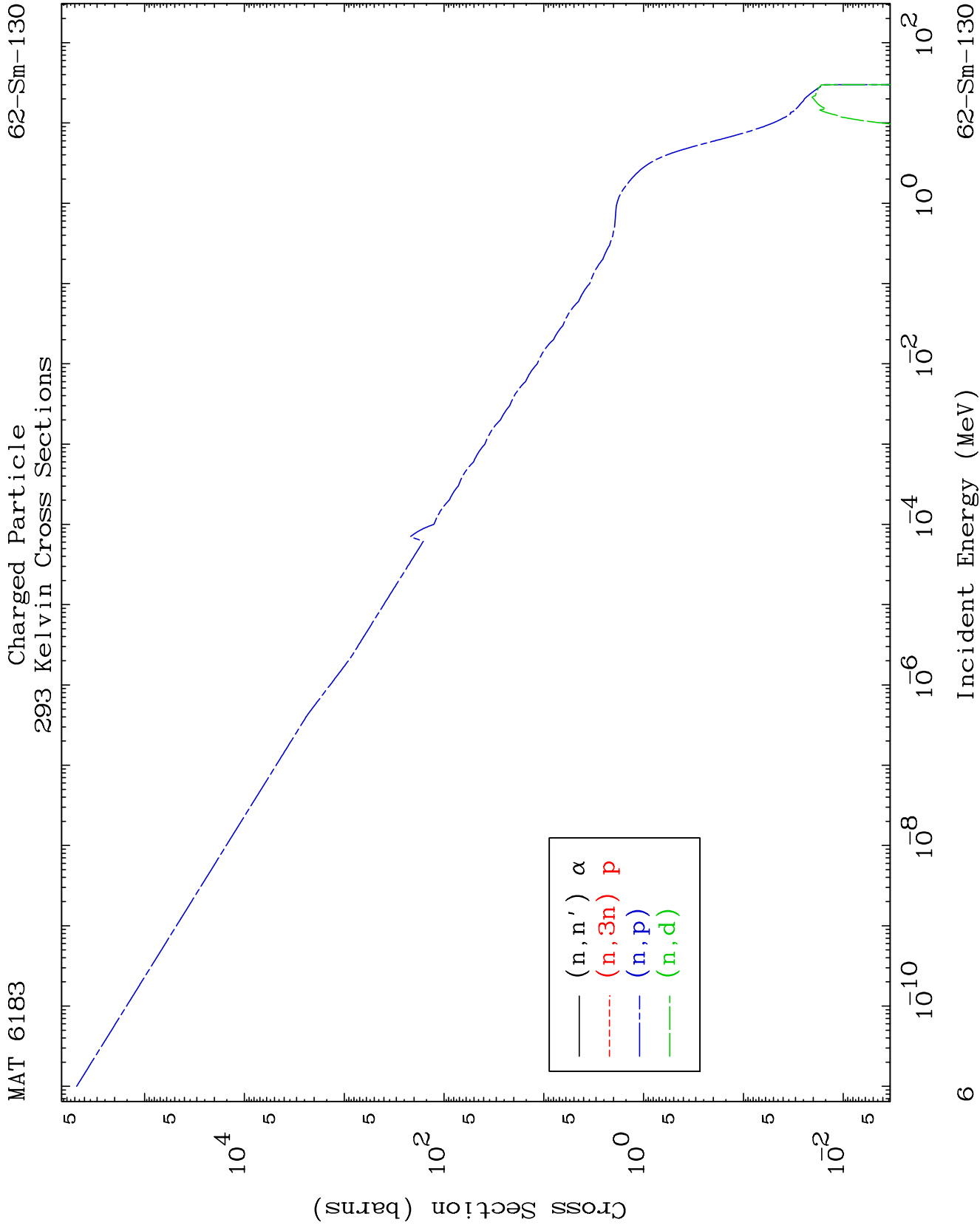


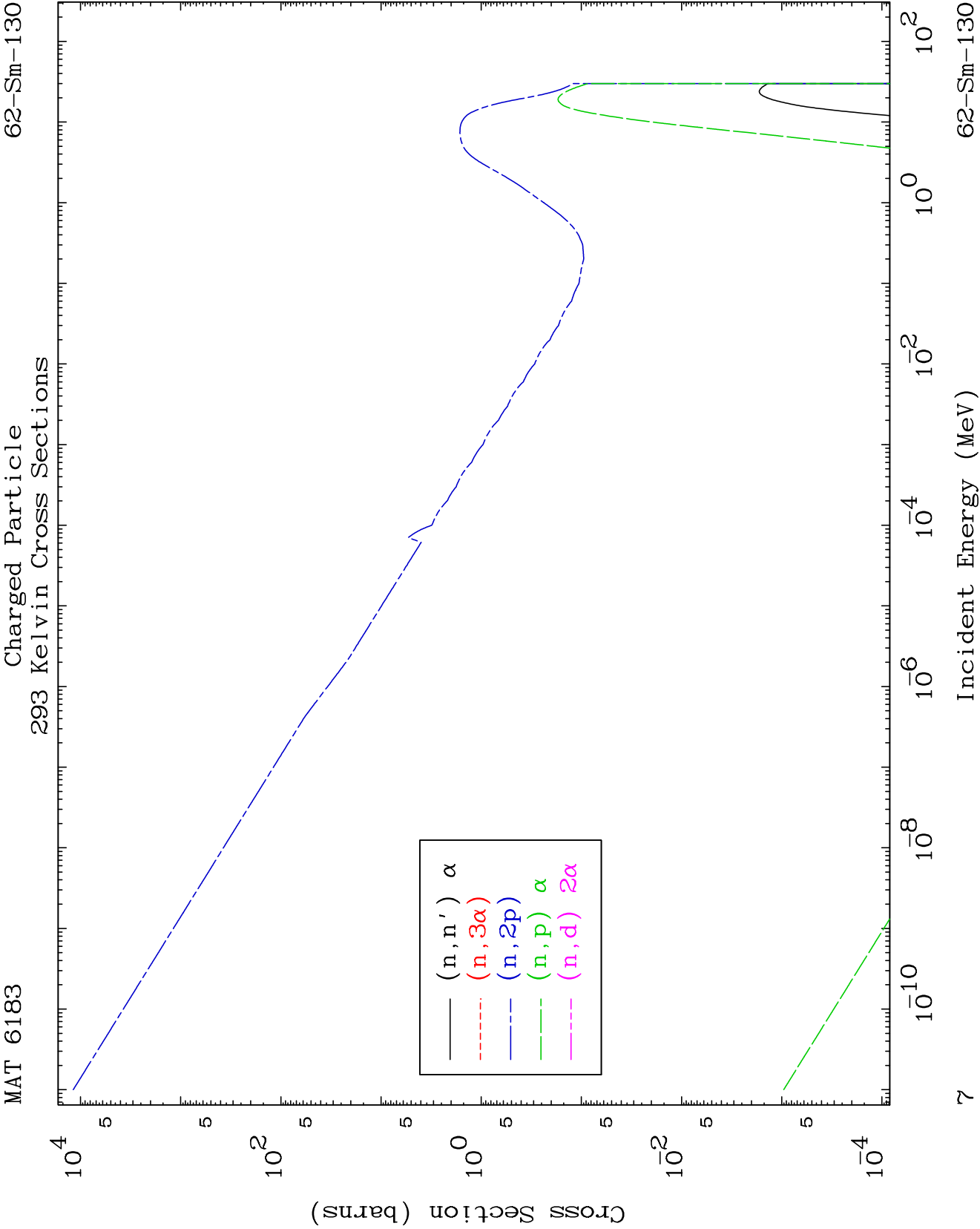








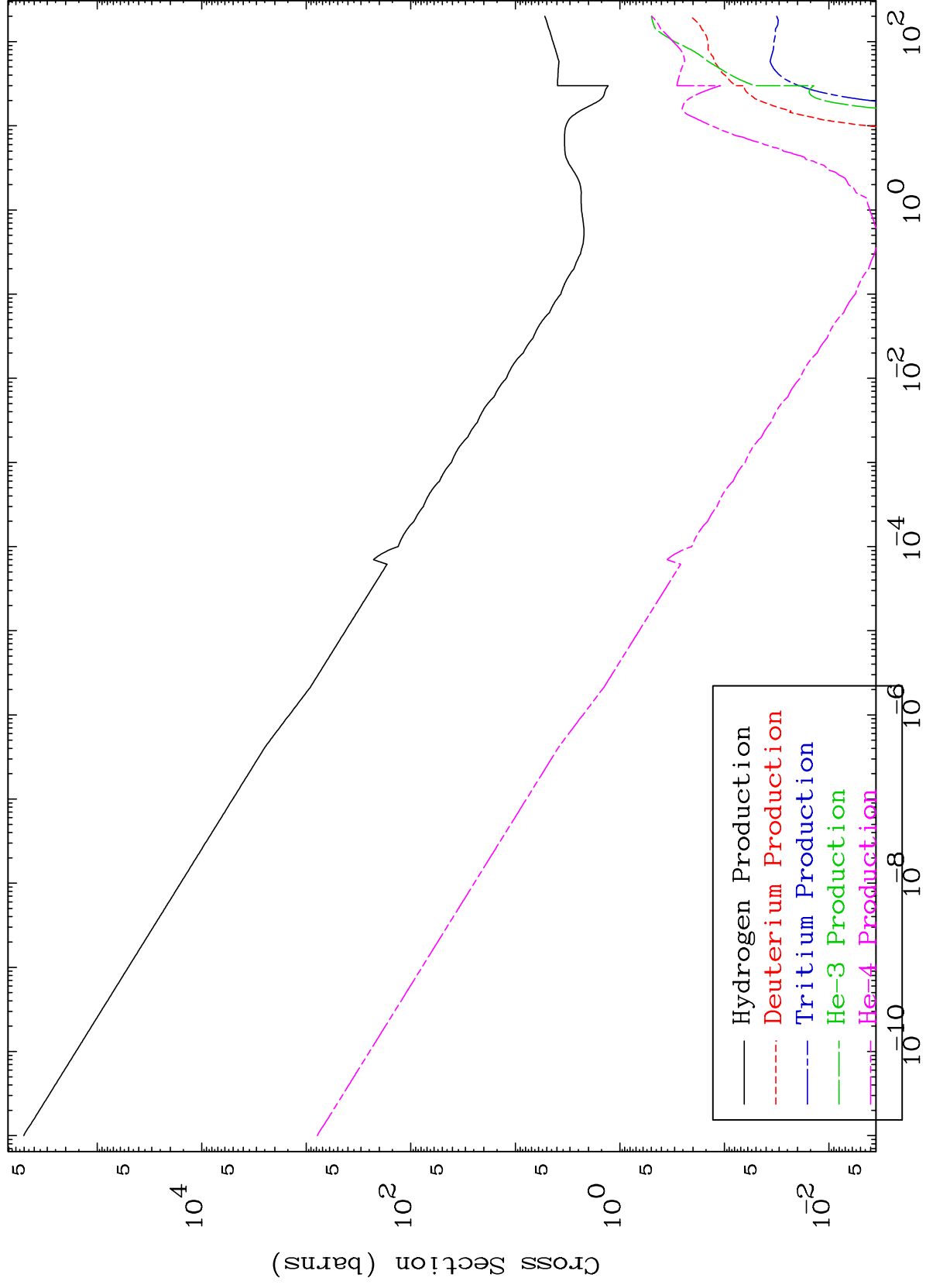




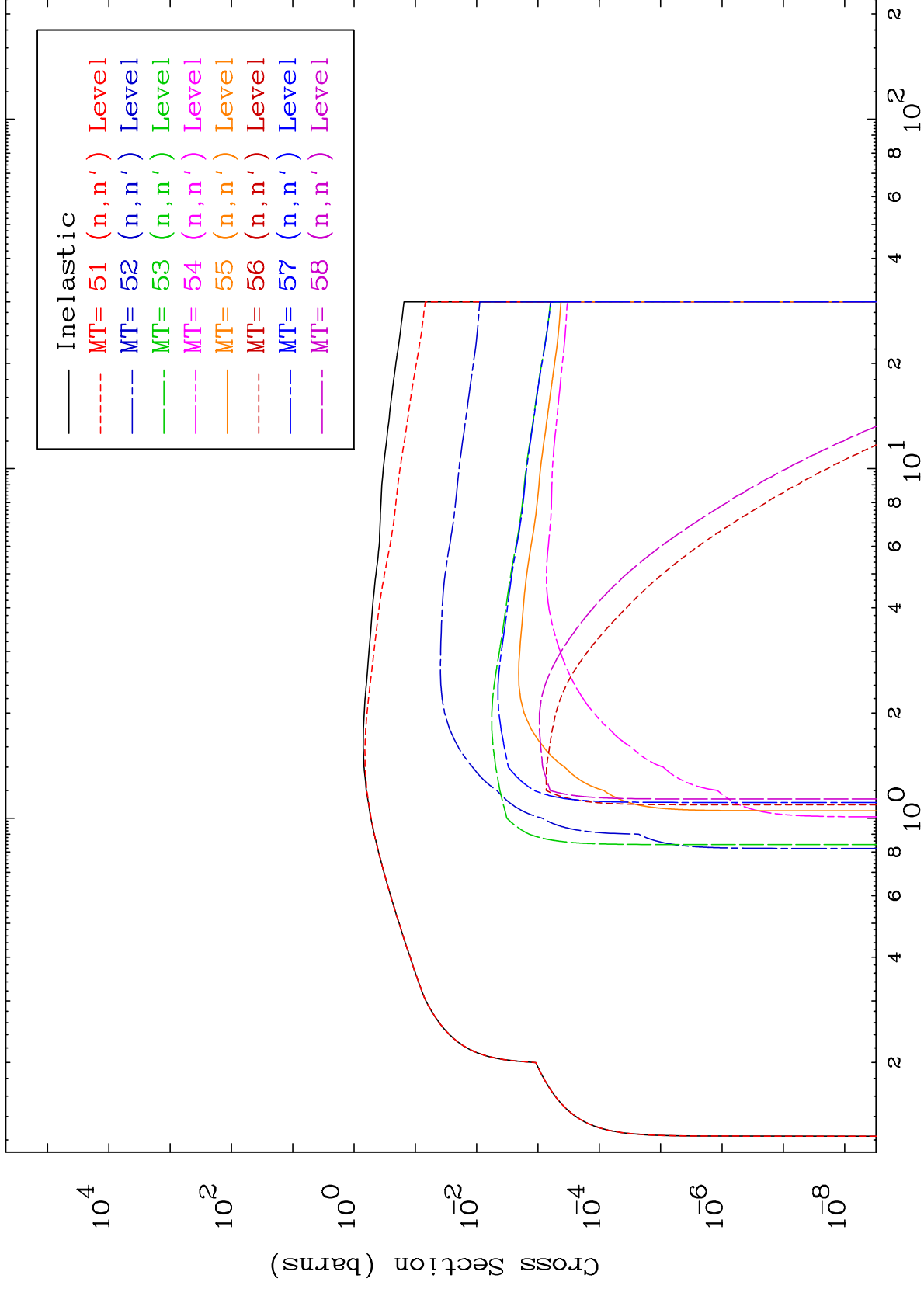
MAT 6183

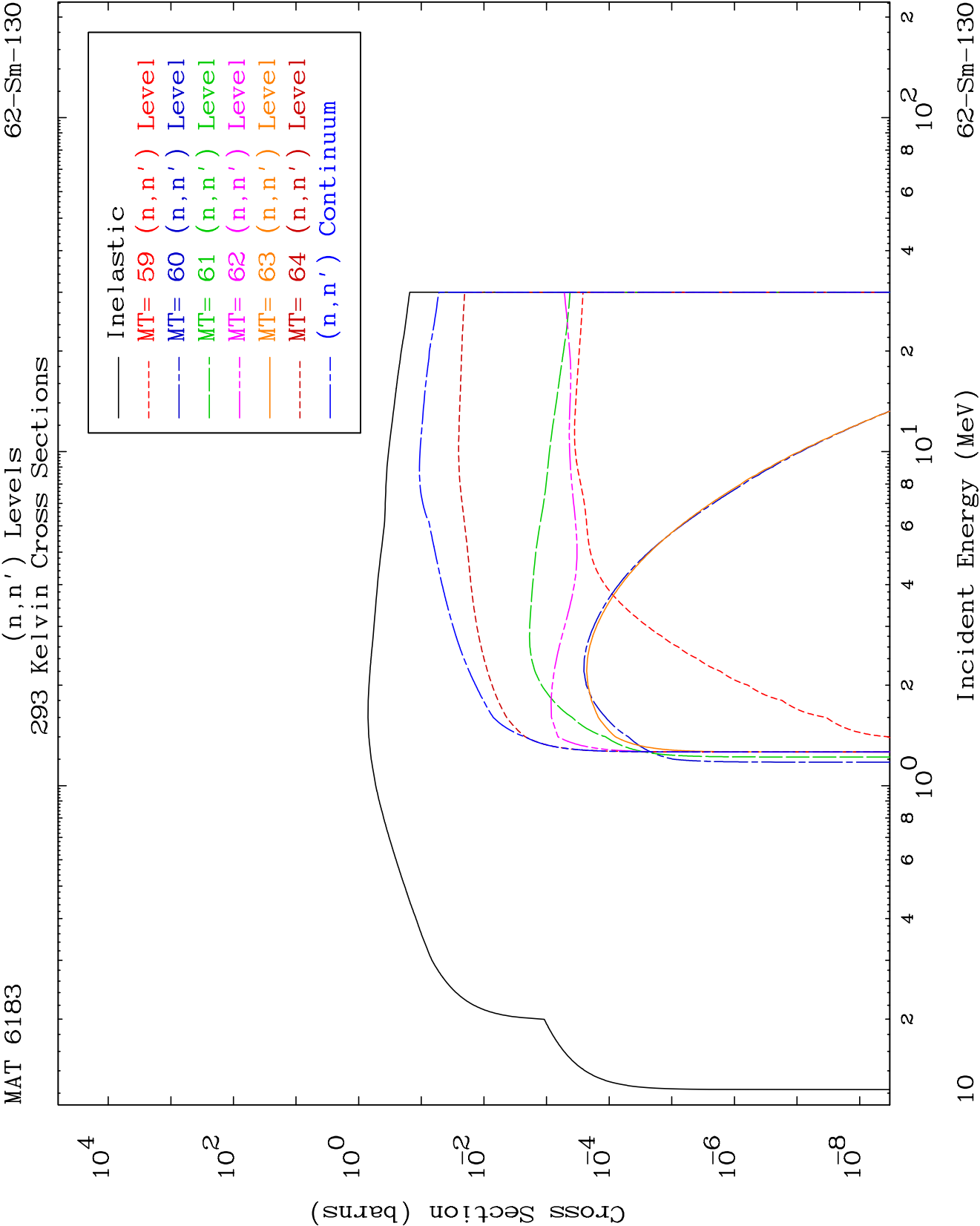
Particle Production
293 Kelvin Cross Sections

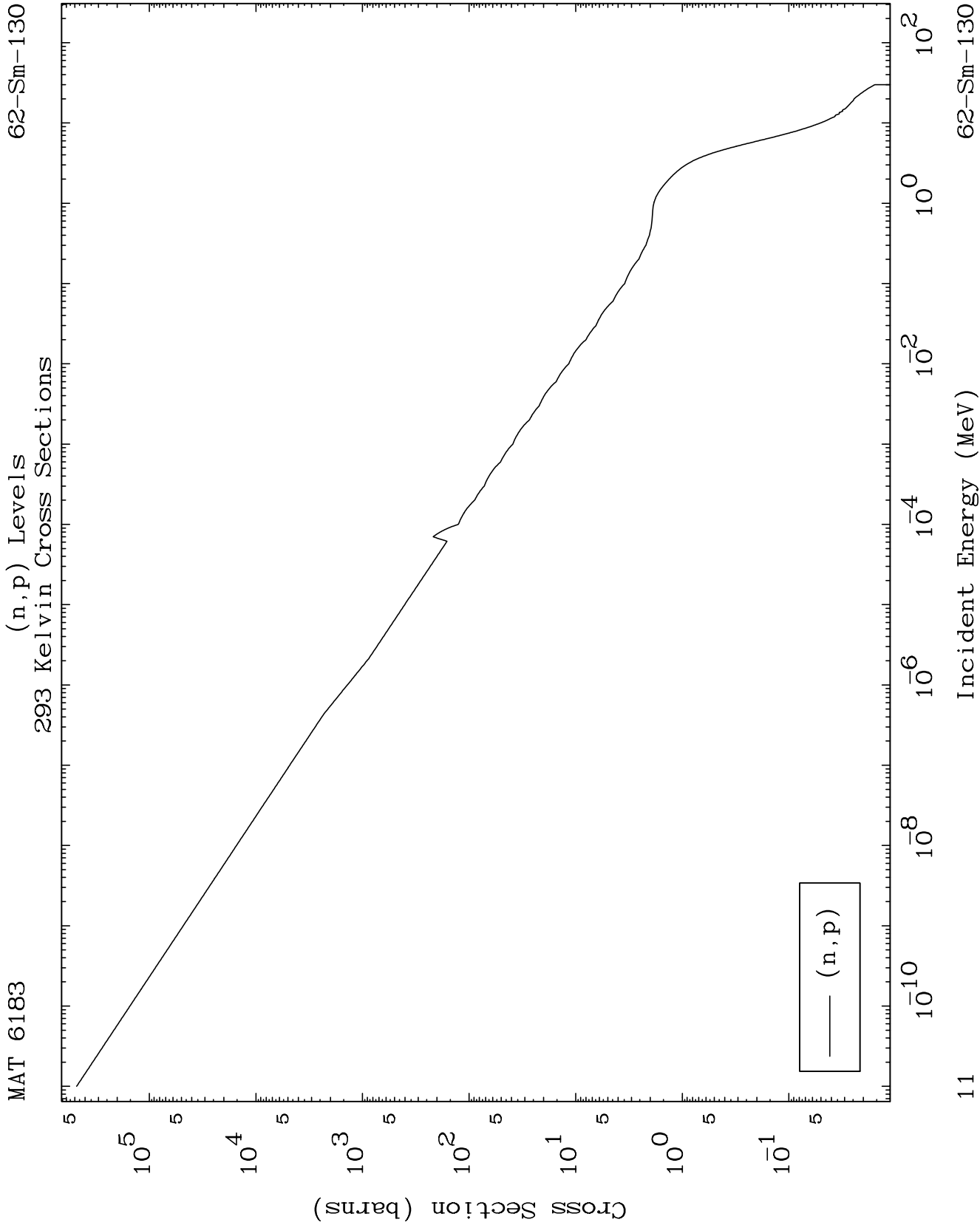
62-Sm-130



293 Kelvin Cross Sections



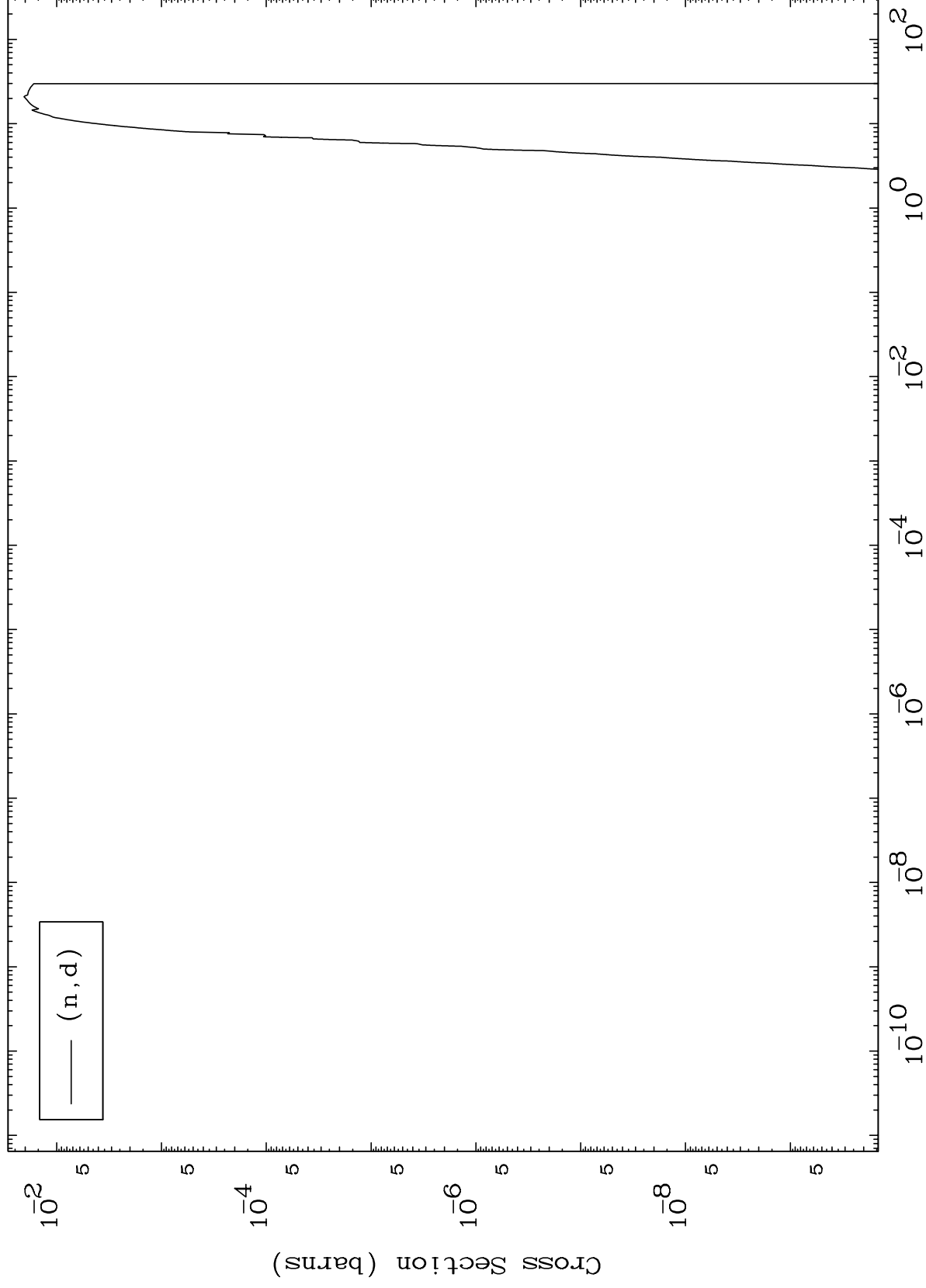




MAT 6183

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-130



12

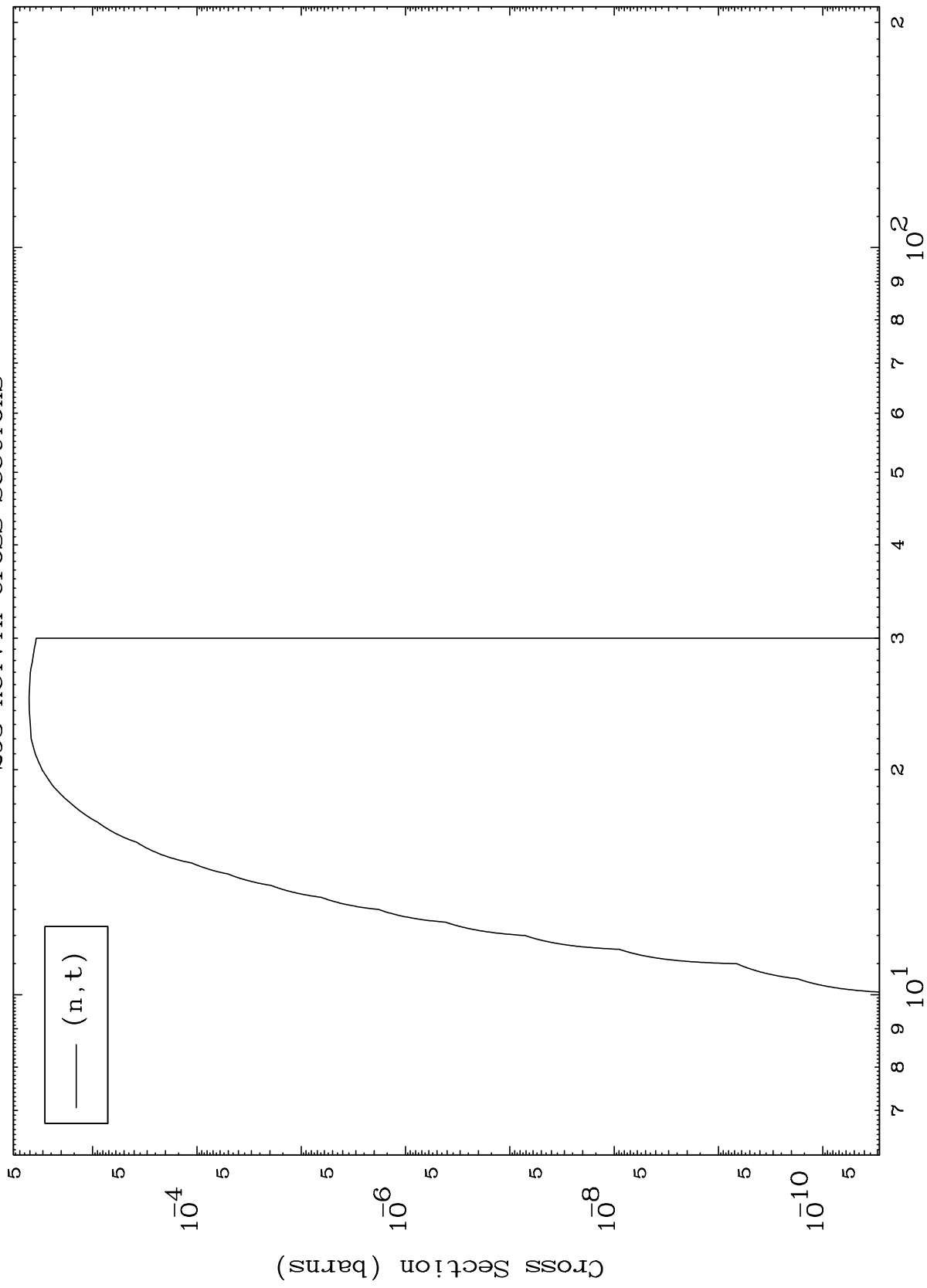
Incident Energy (MeV)

62-Sm-130

MAT 6183

62-Sm-130

(n,t) Levels
293 Kelvin Cross Sections



62-Sm-130

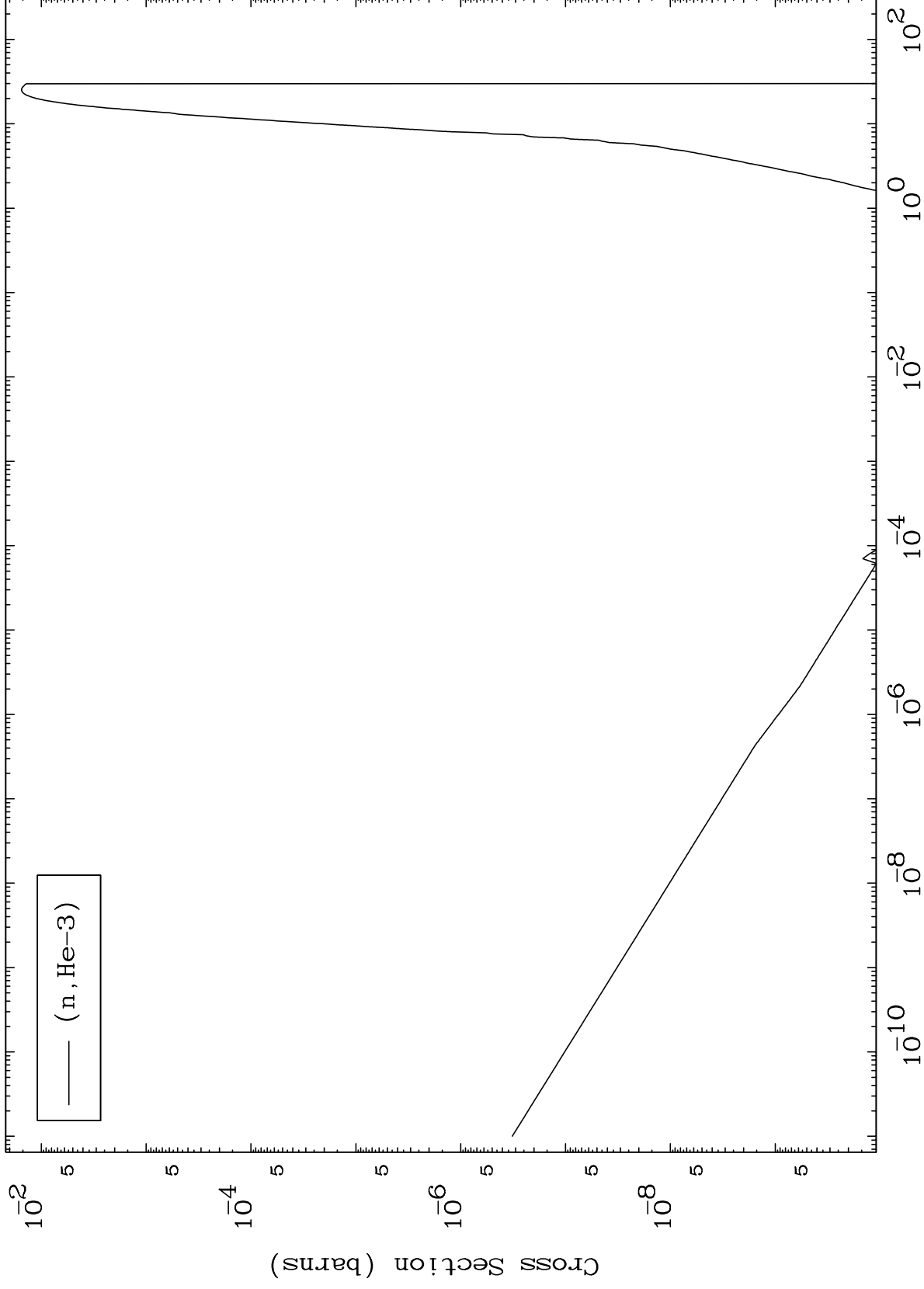
Incident Energy (MeV)

13

MAT 6183

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-130



14

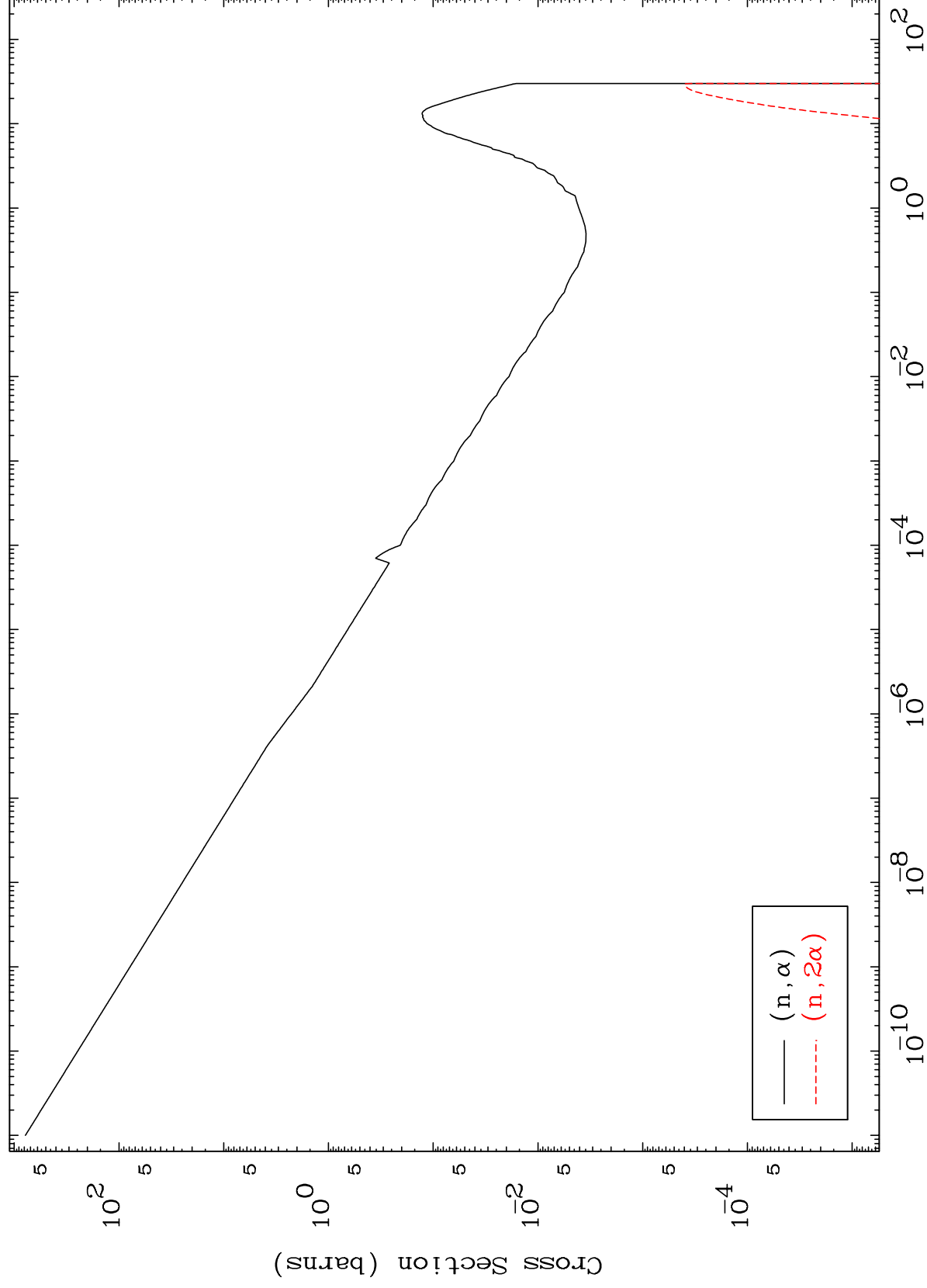
Incident Energy (MeV)

62-Sm-130

MAT 6183

(n, α) Levels
293 Kelvin Cross Sections

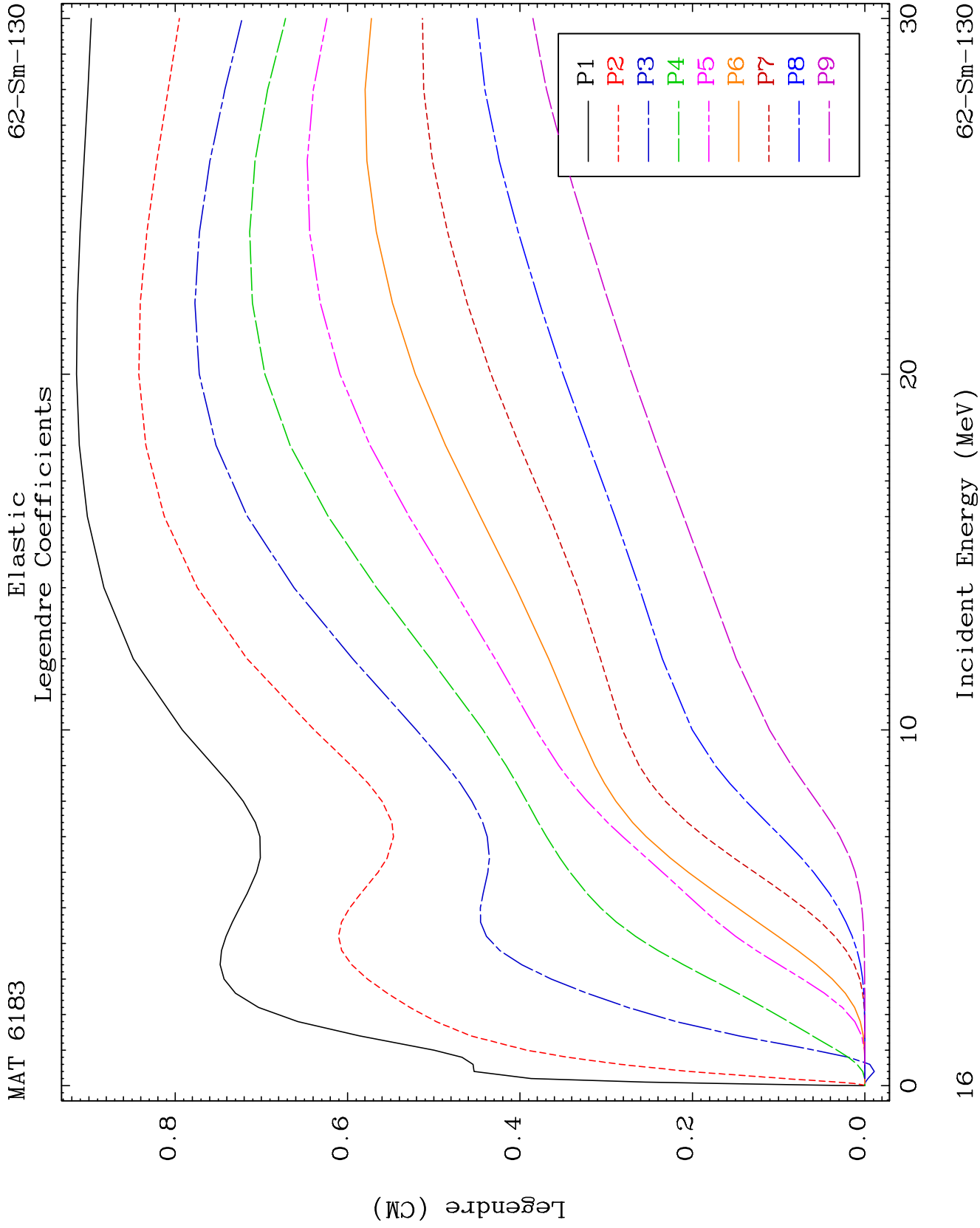
62-Sm-130

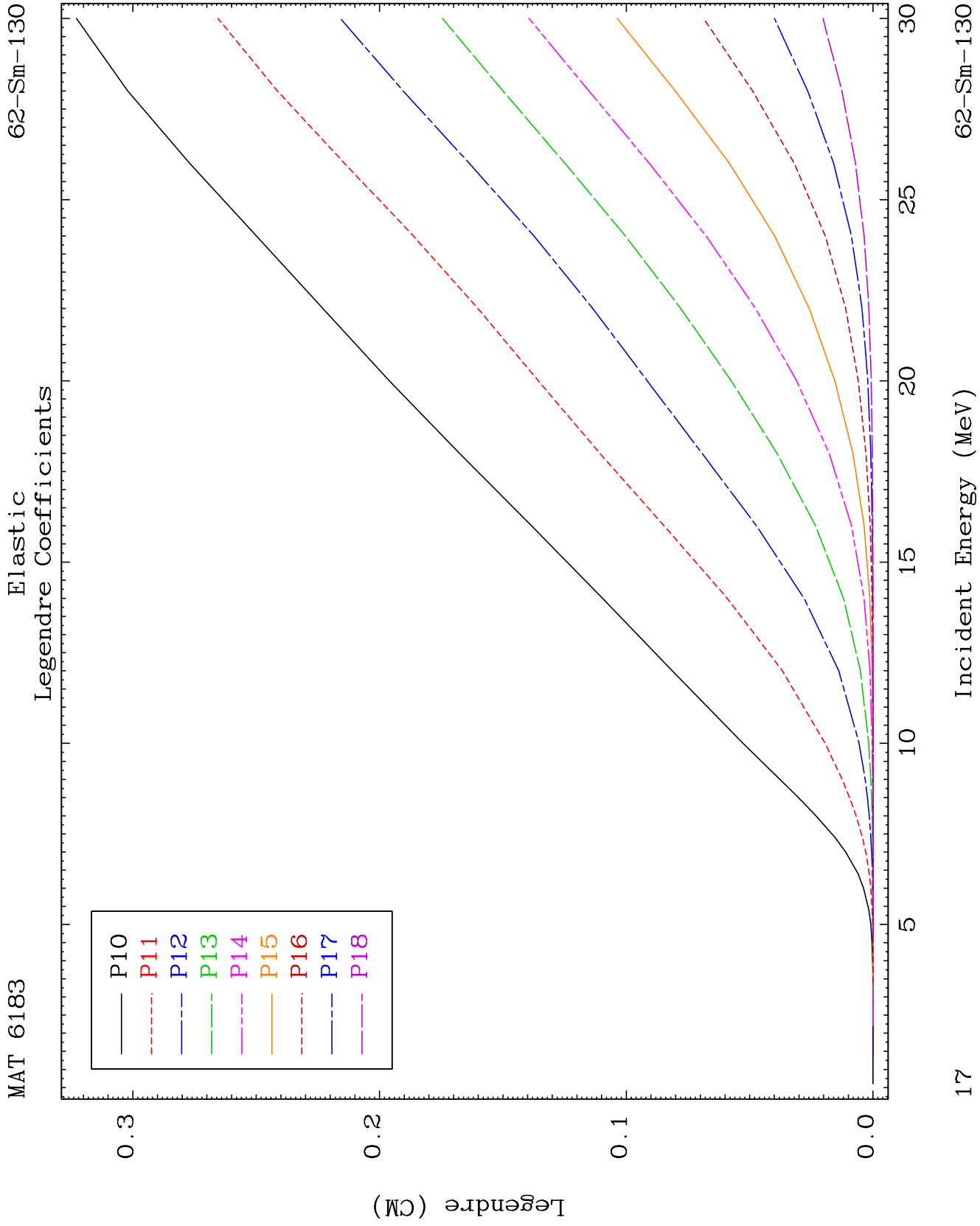


15

Incident Energy (MeV)

62-Sm-130

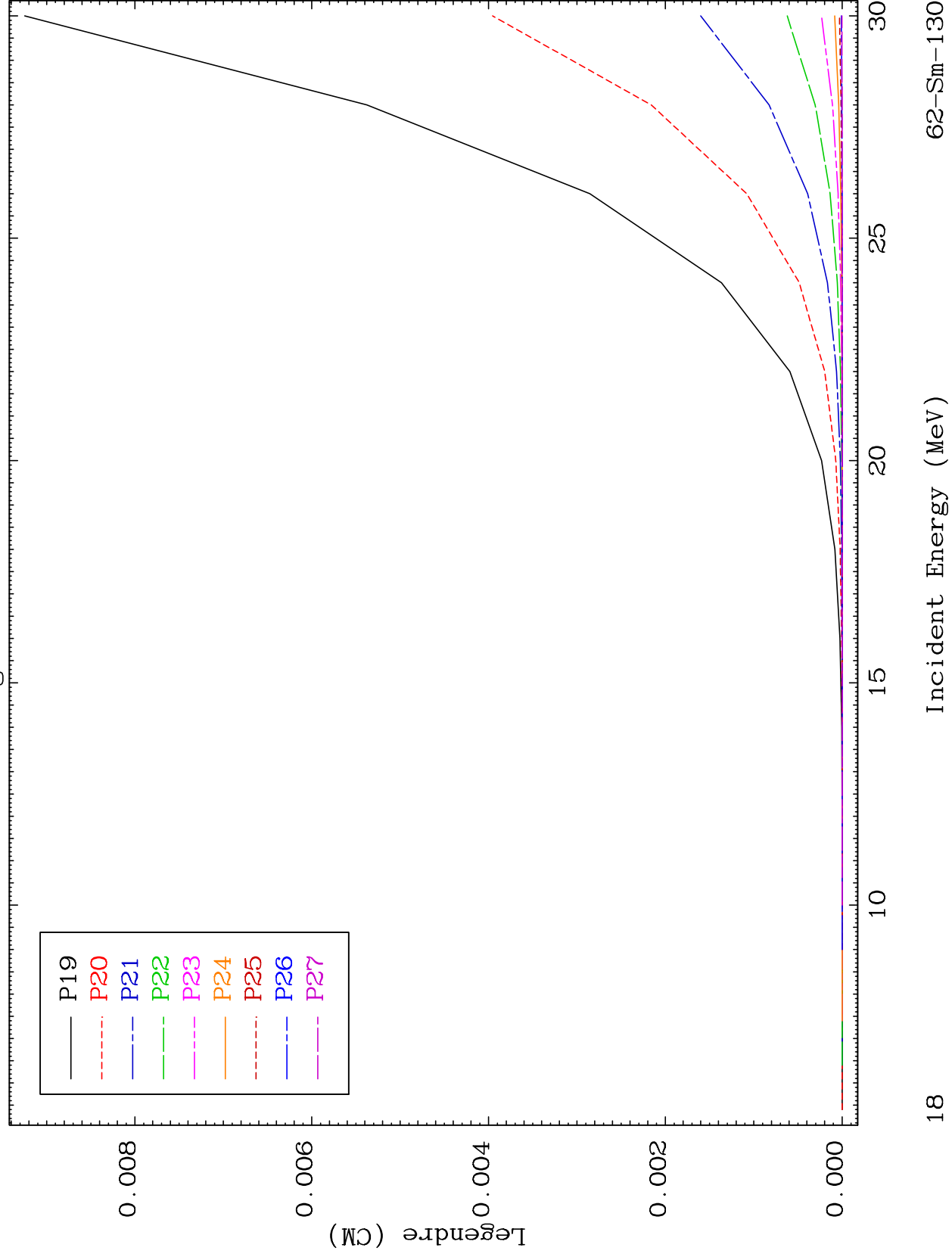


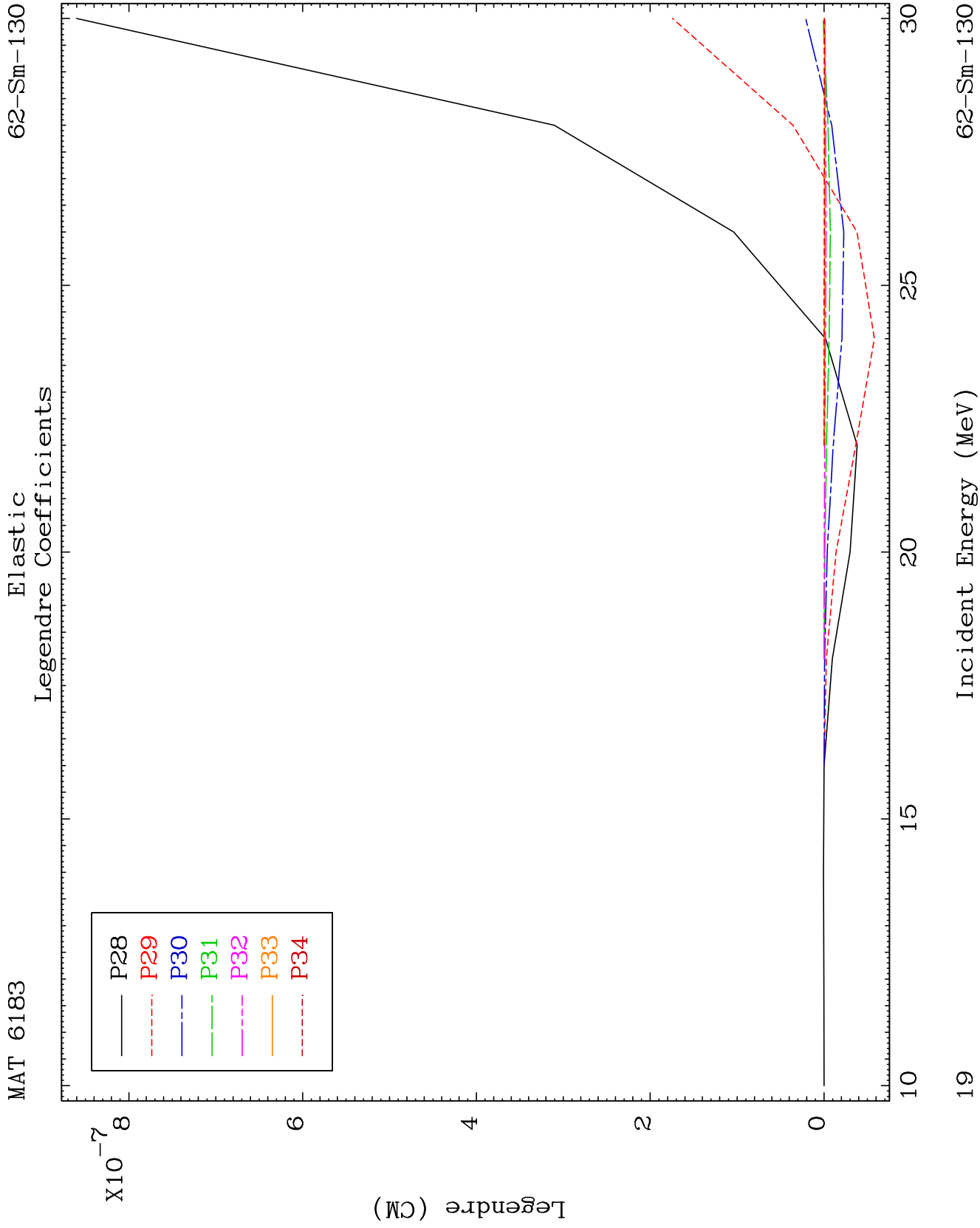


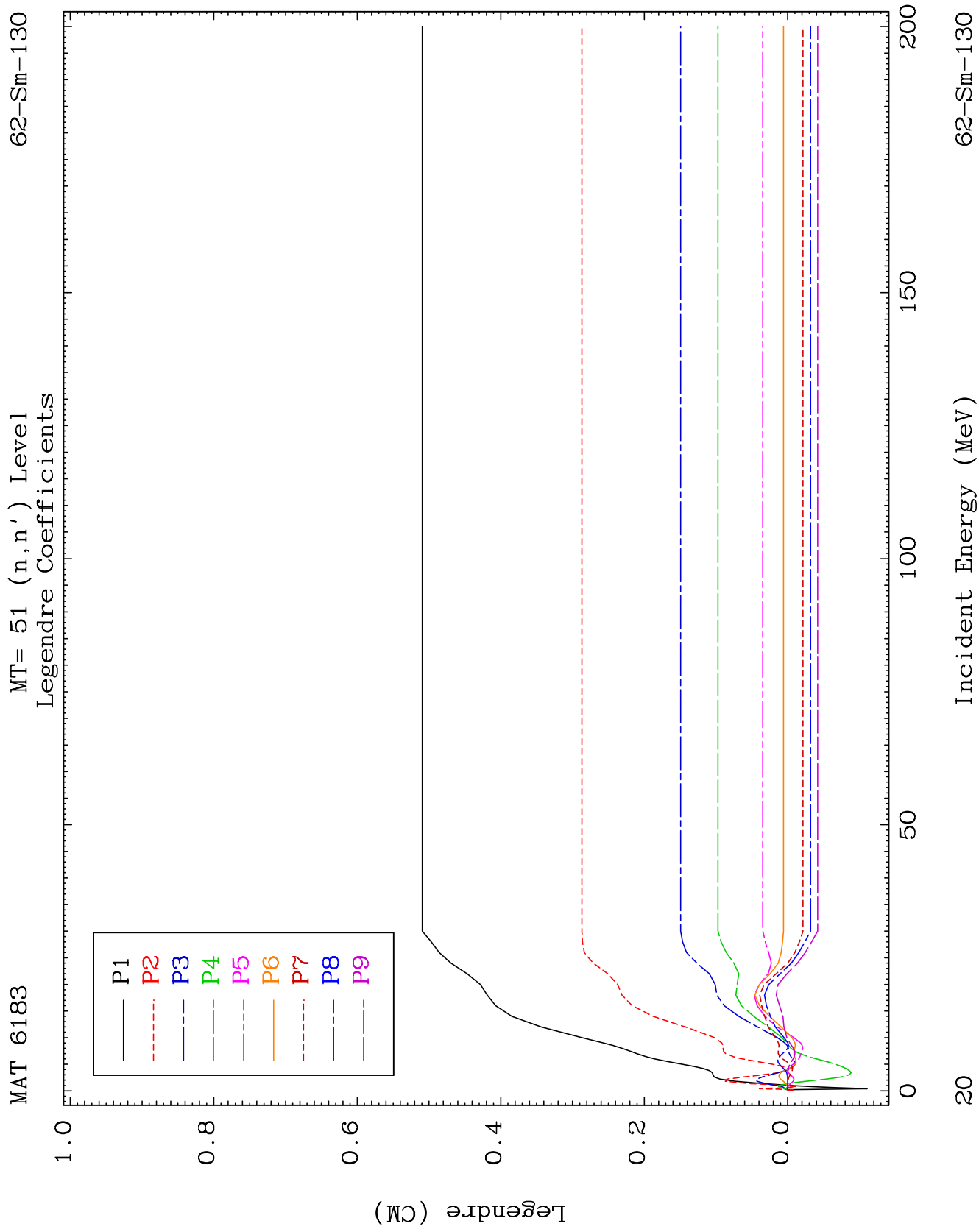
MAT 6183

Elastic Legendre Coefficients

62-Sm-130



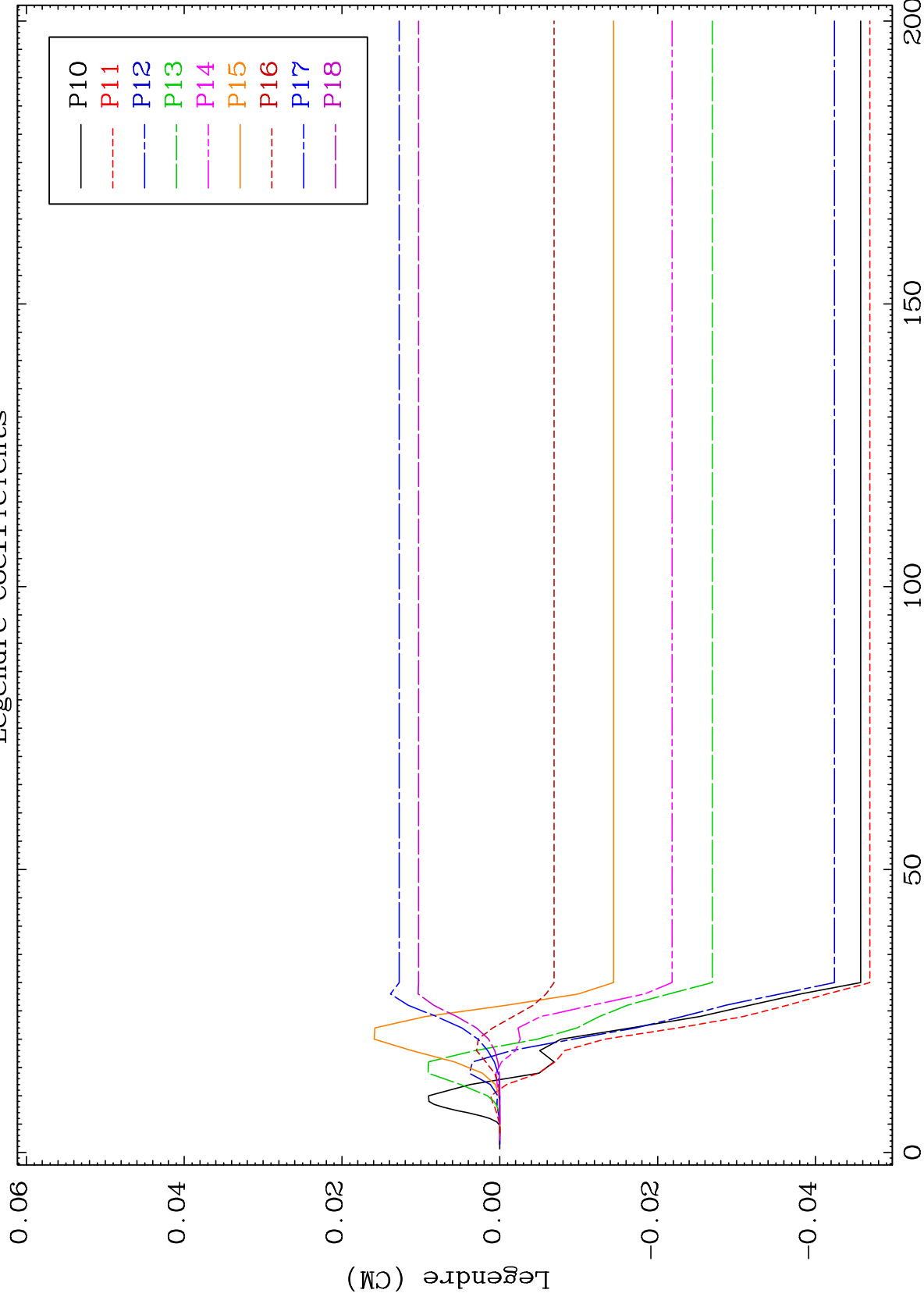




MAT 6183

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

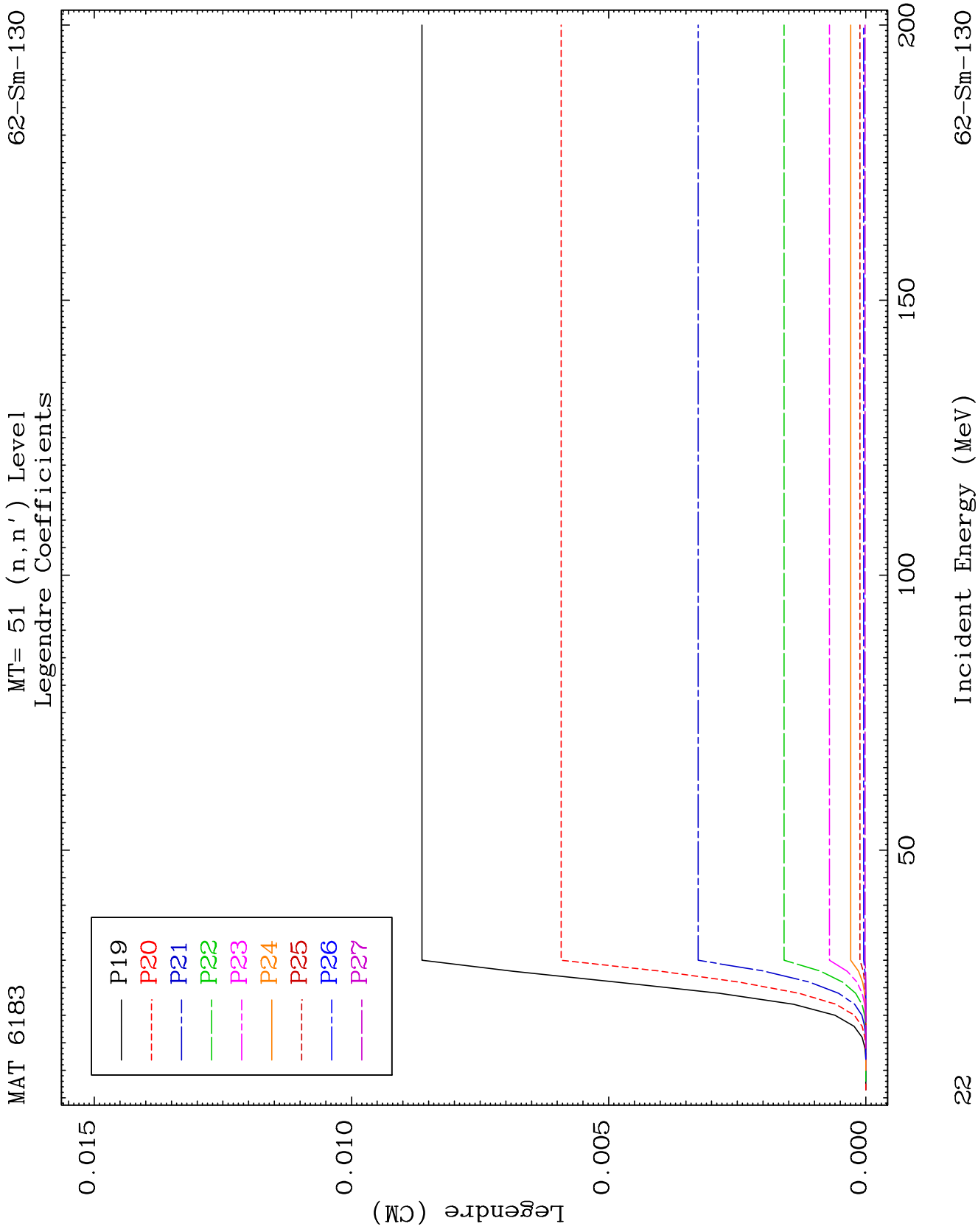
62-Sm-130

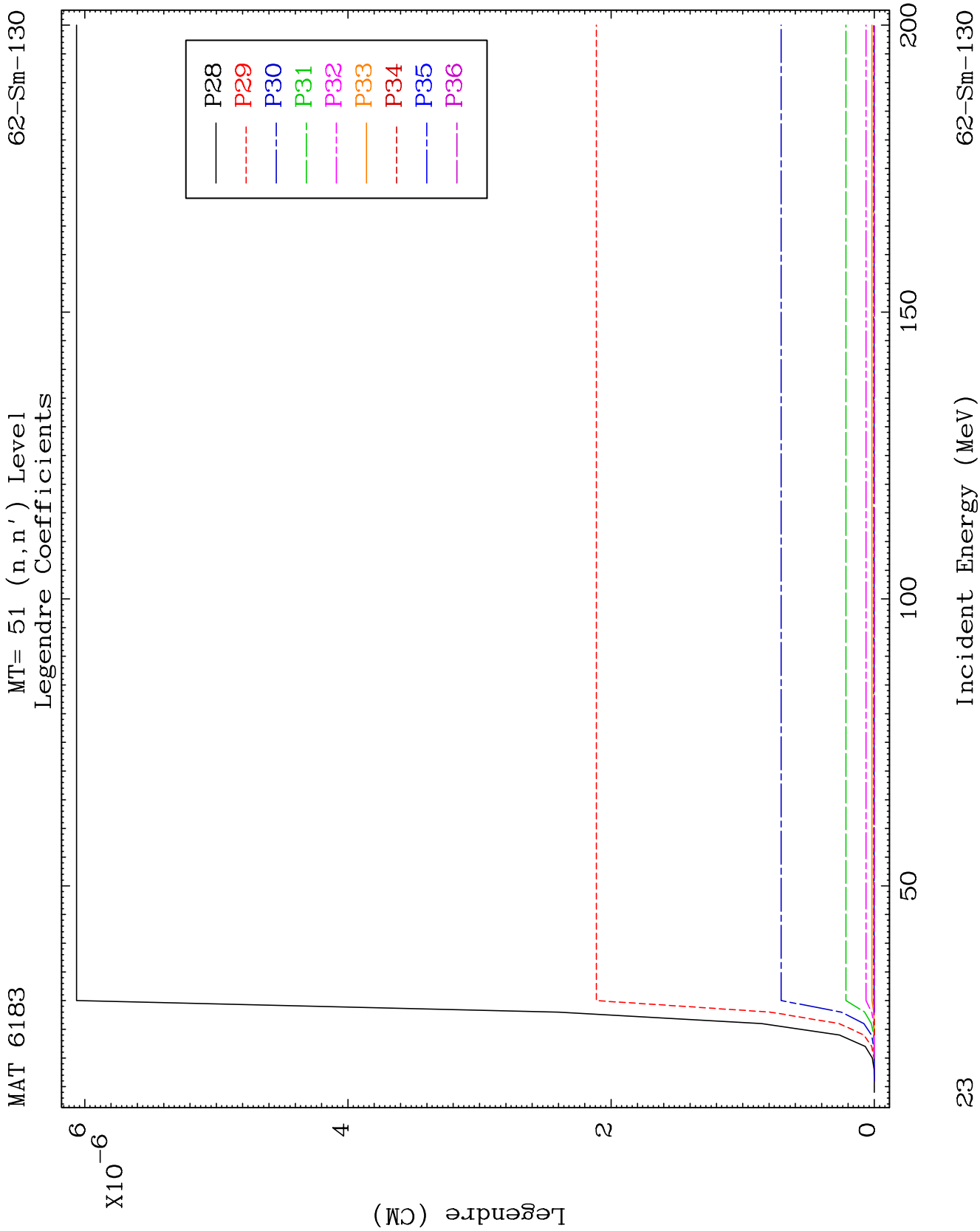


21

Incident Energy (MeV)

62-Sm-130

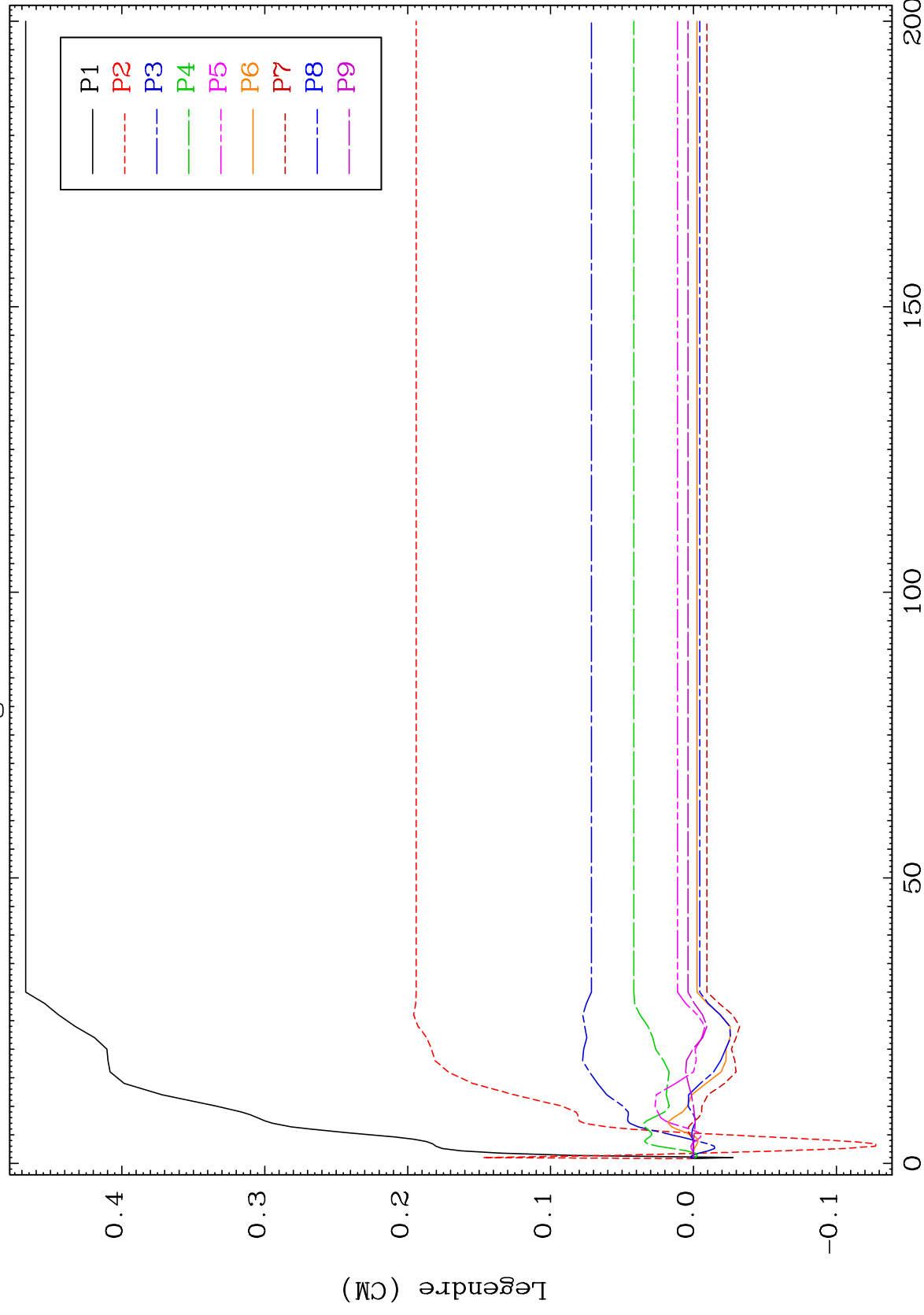




MAT 6183

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

62-Sm-130



24

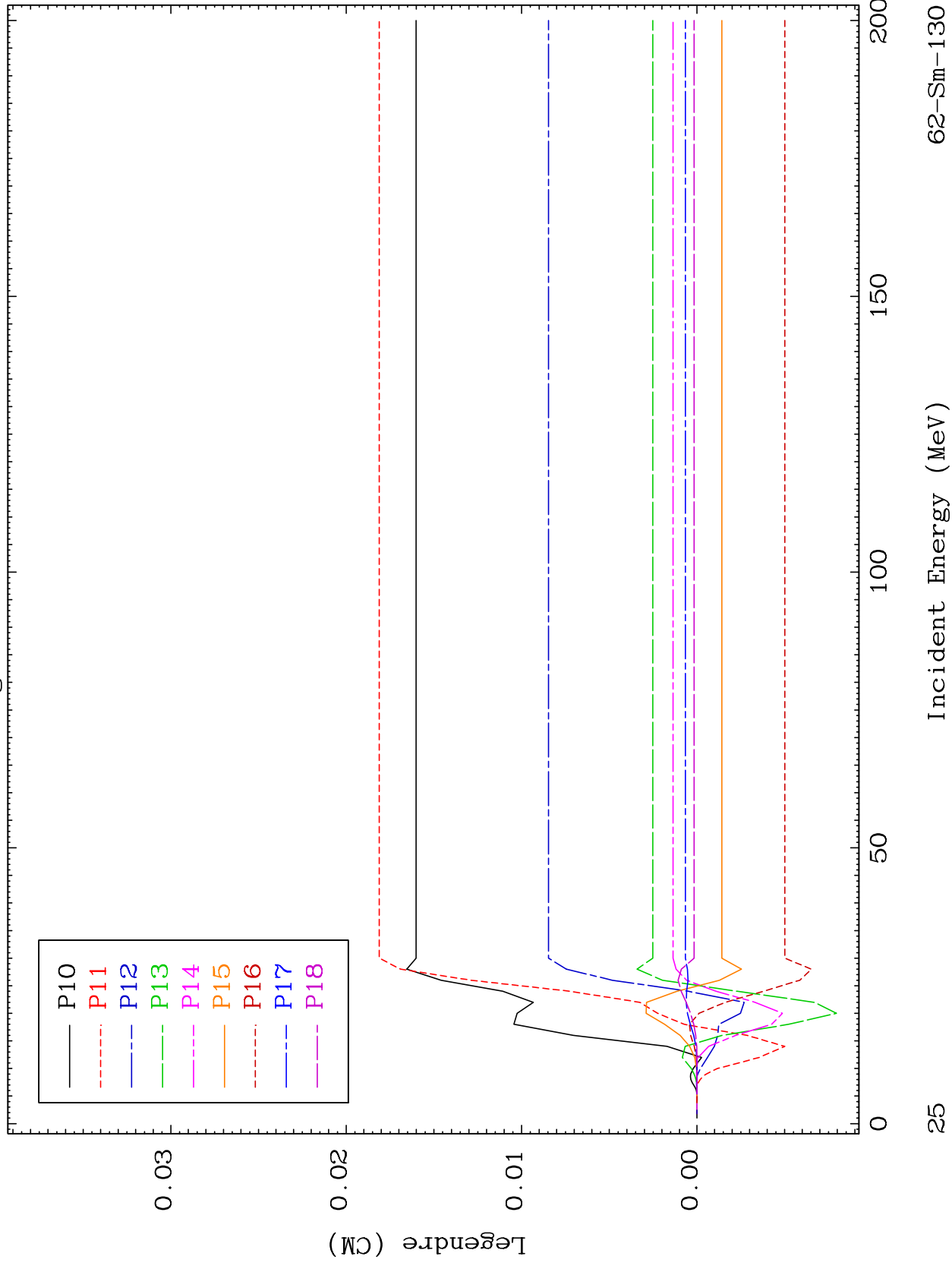
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

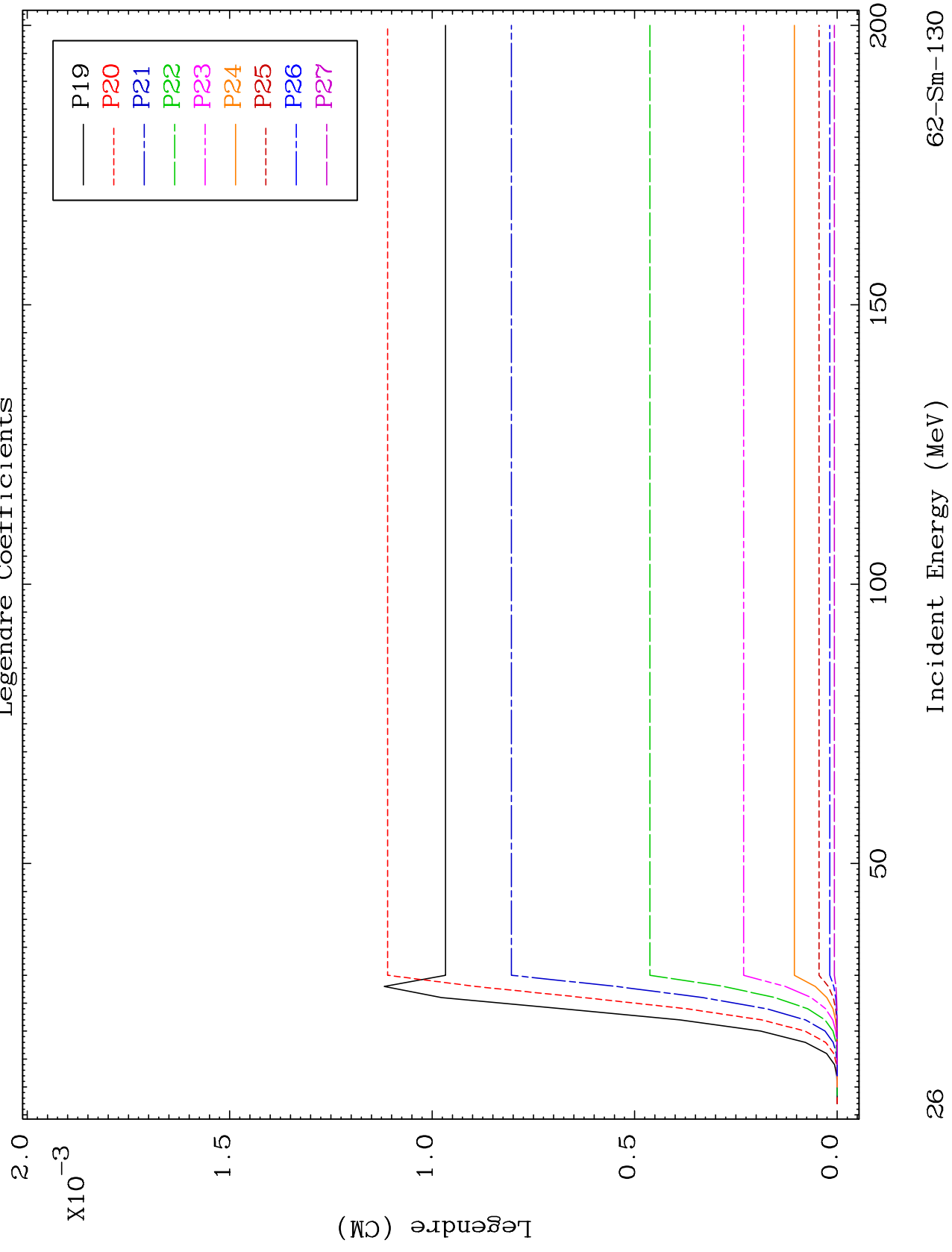
62-Sm-130

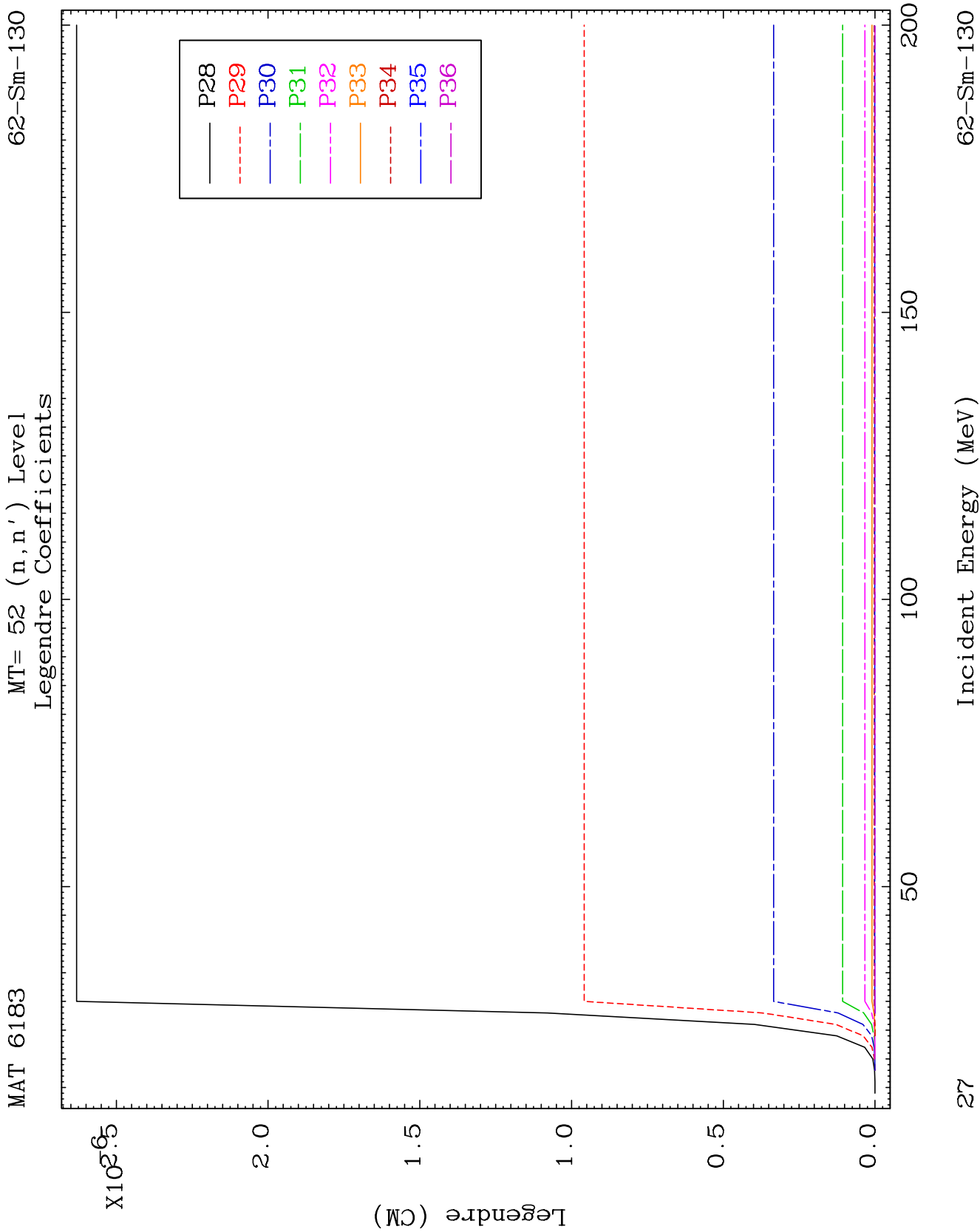


MAT 6183

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

62-Sm-130

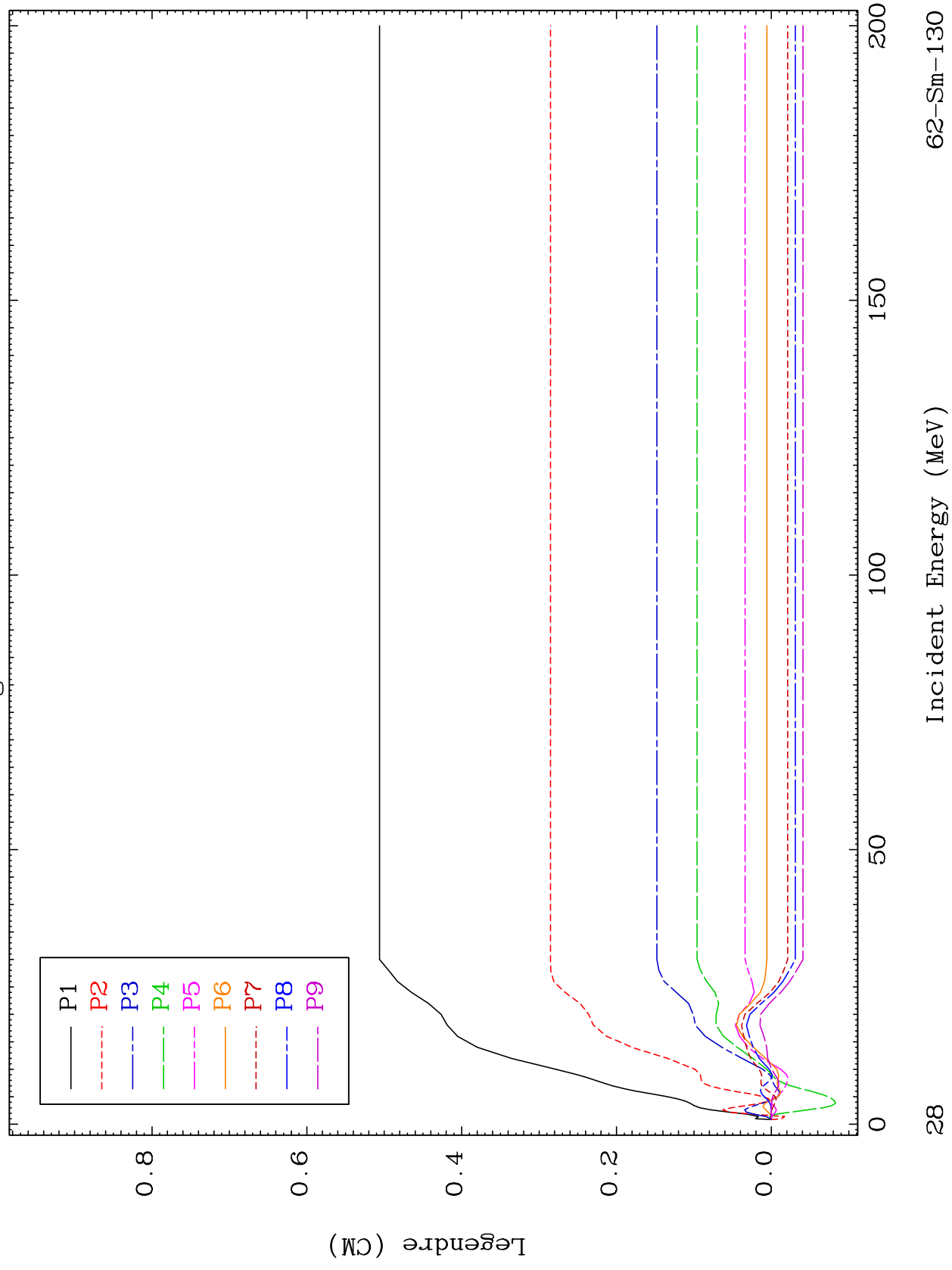




MAT 6183

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

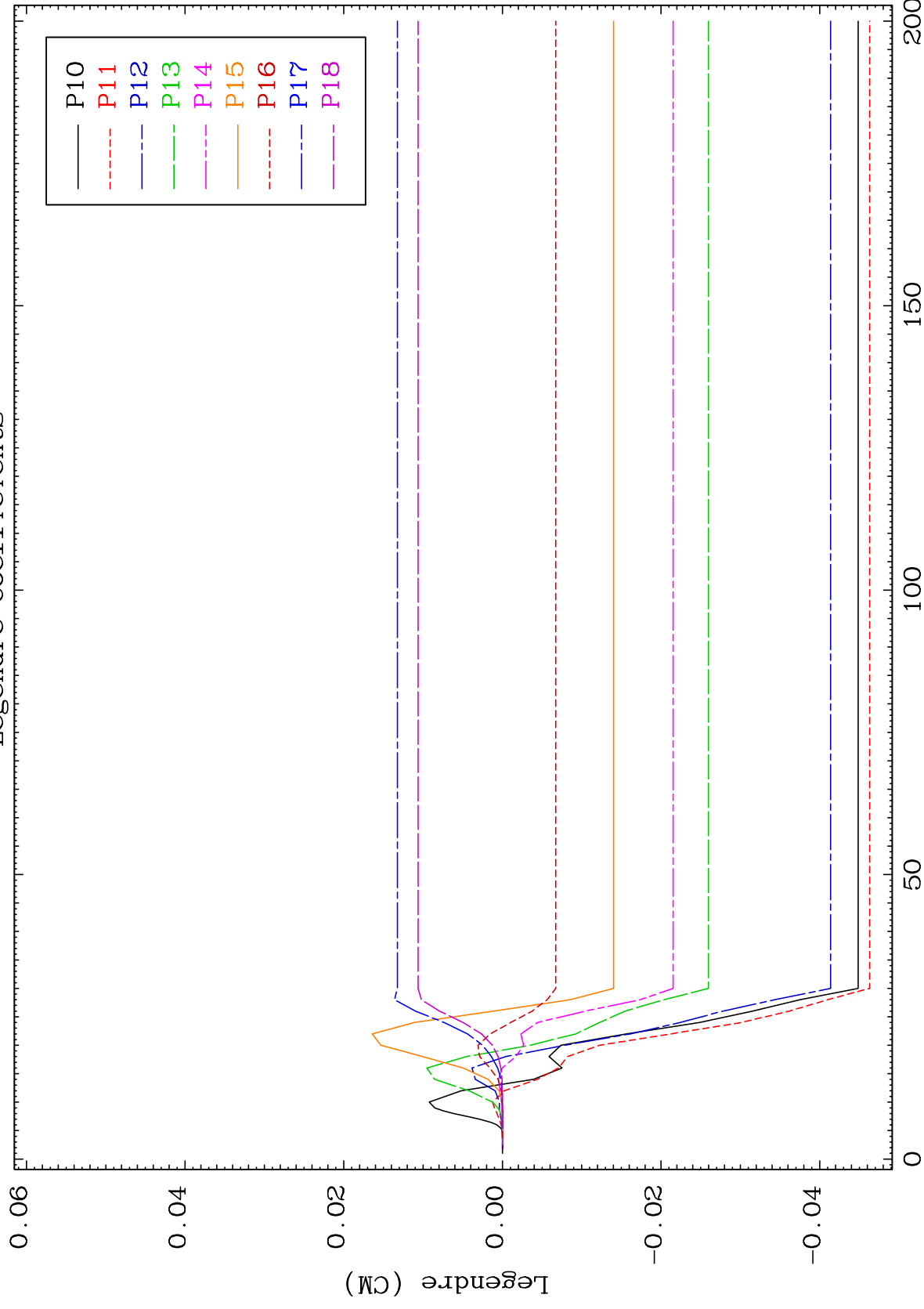
62-Sm-130



MAT 6183

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

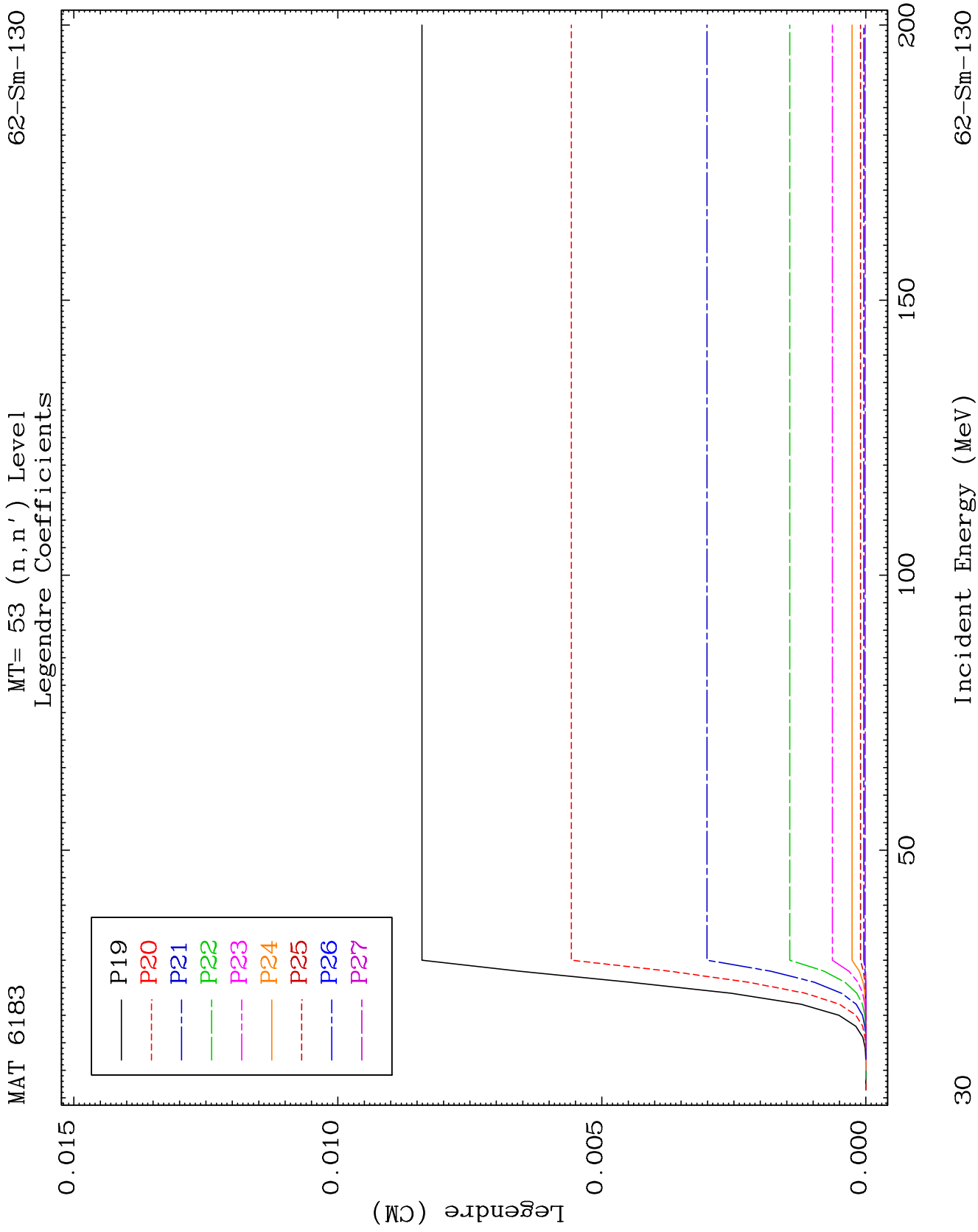
62-Sm-130

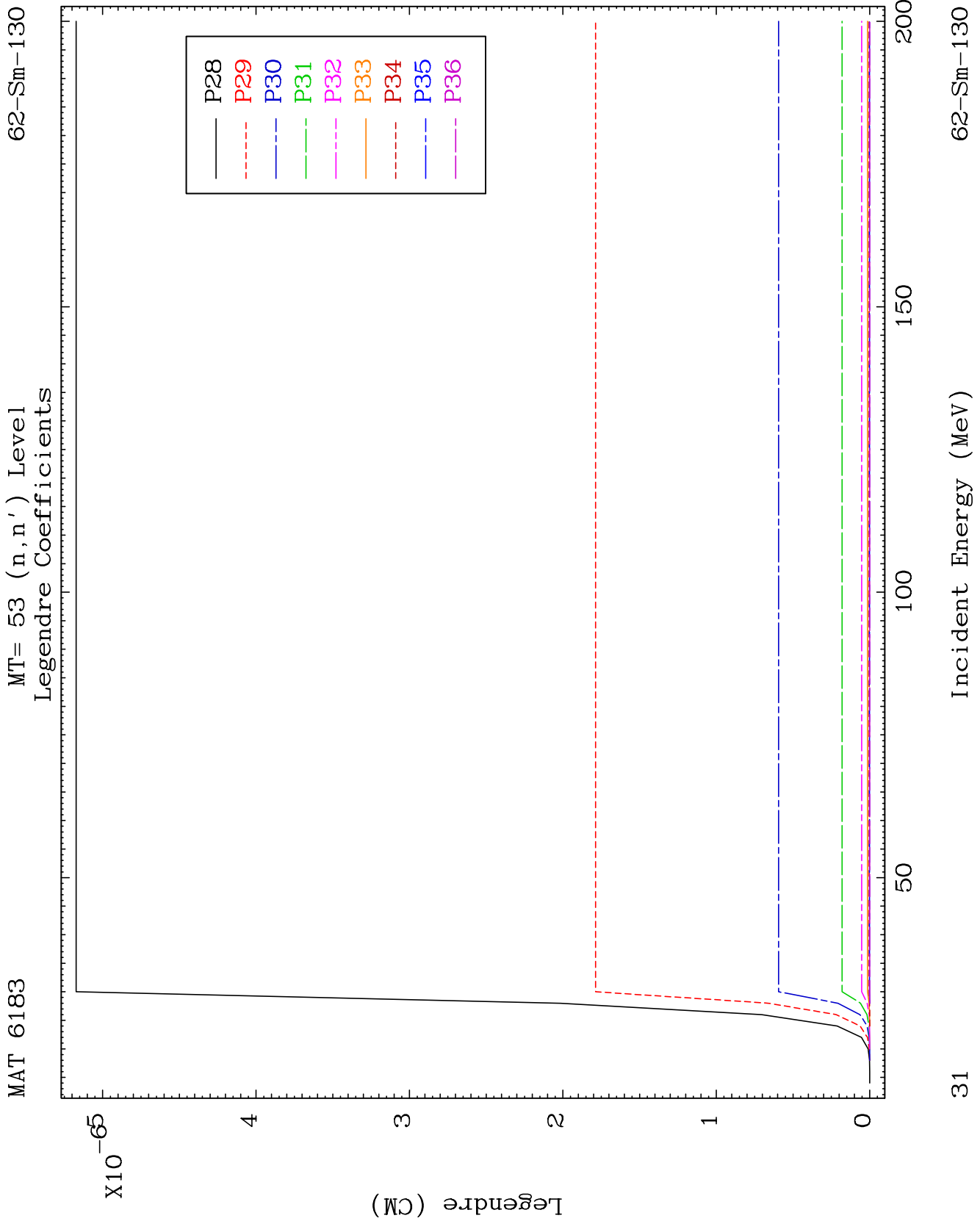


29

Incident Energy (MeV)

62-Sm-130

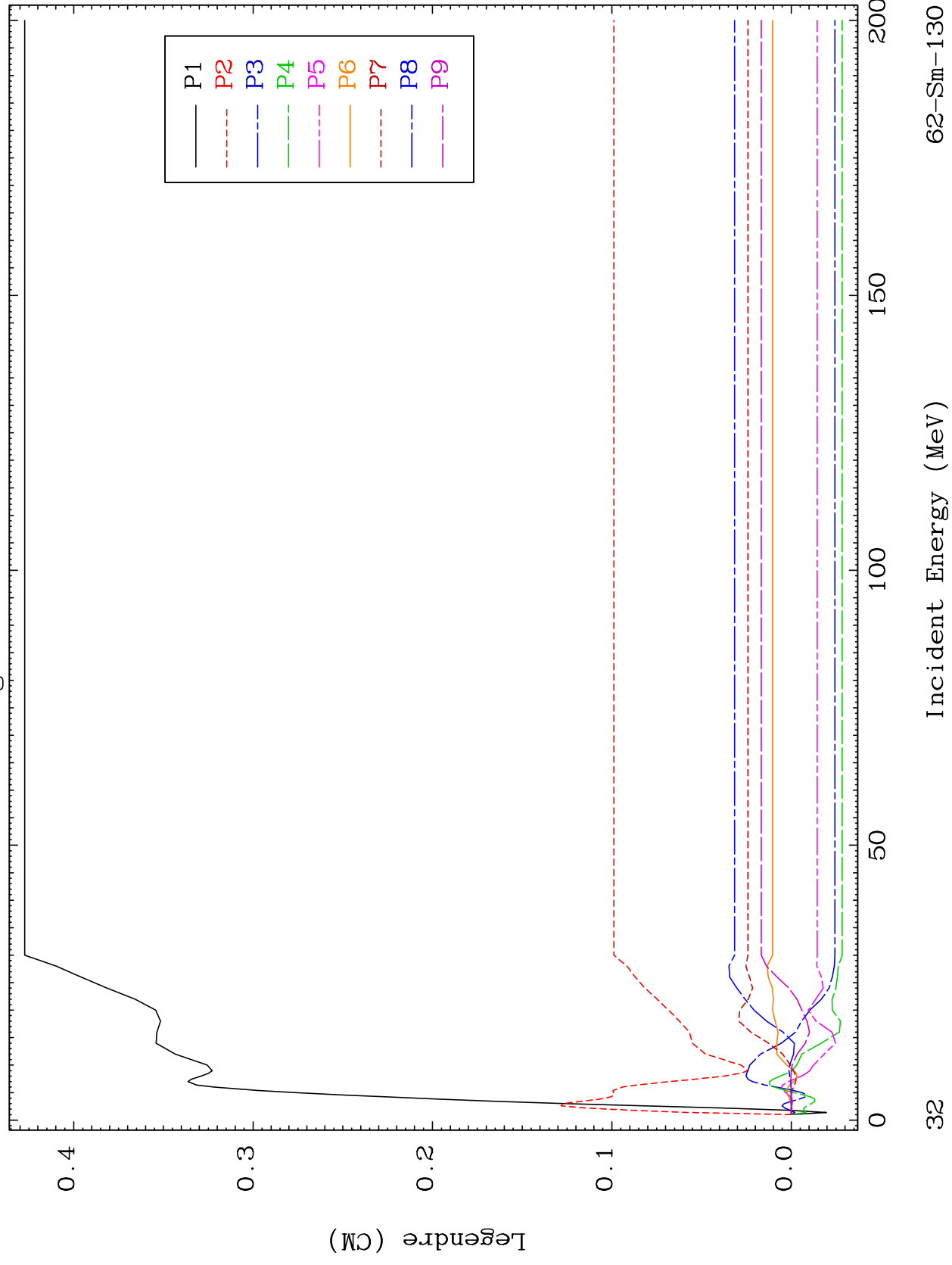


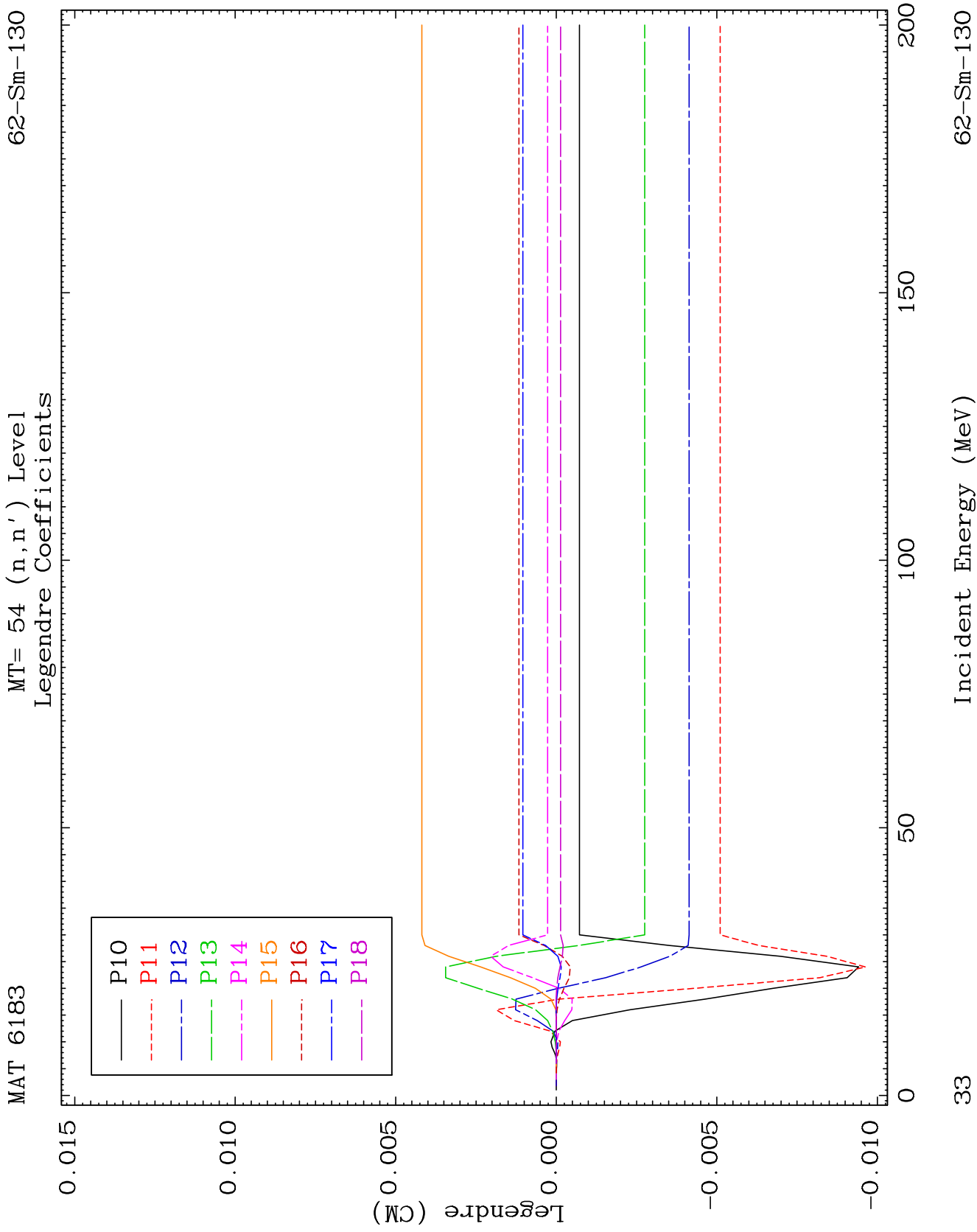


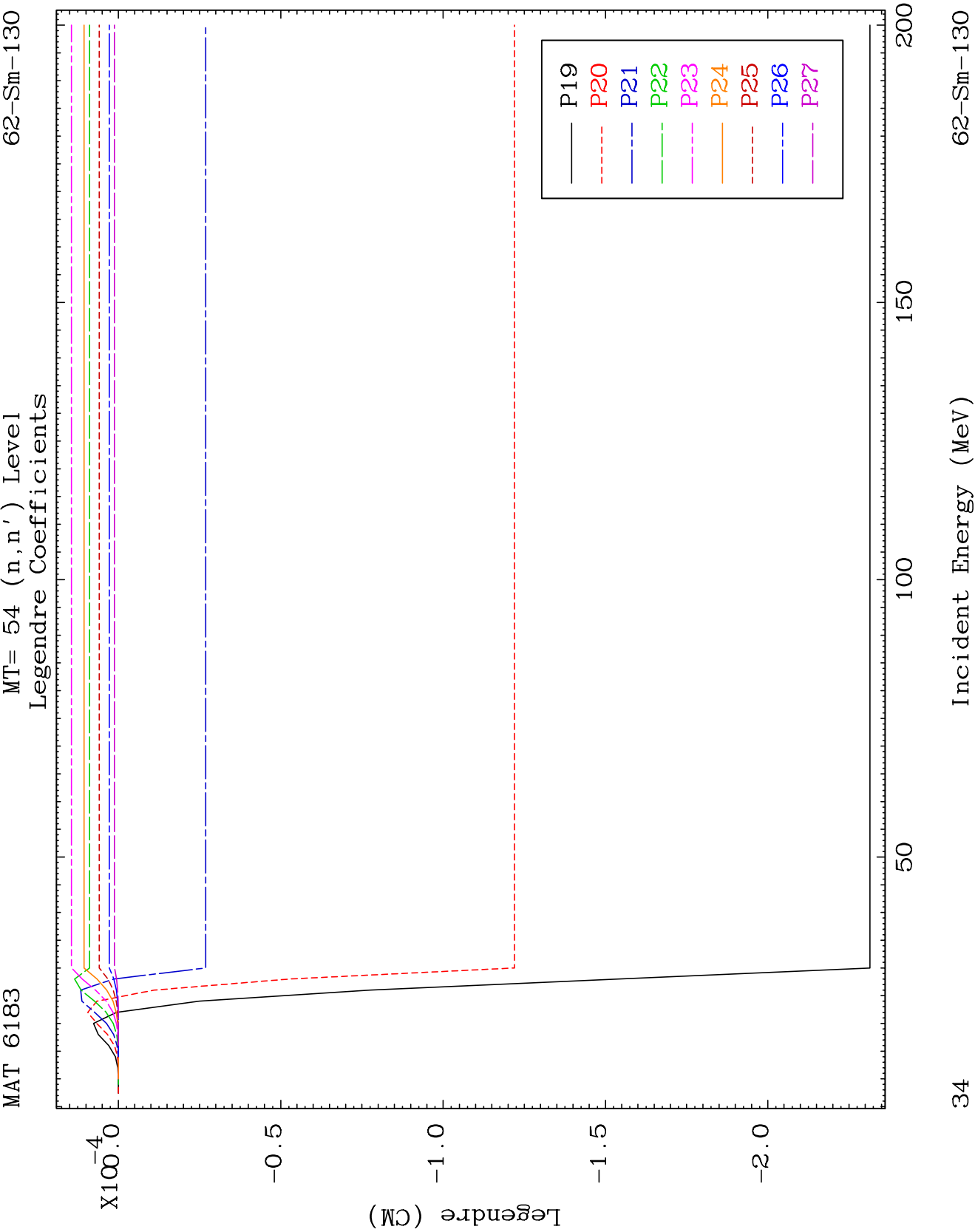
MAT 6183

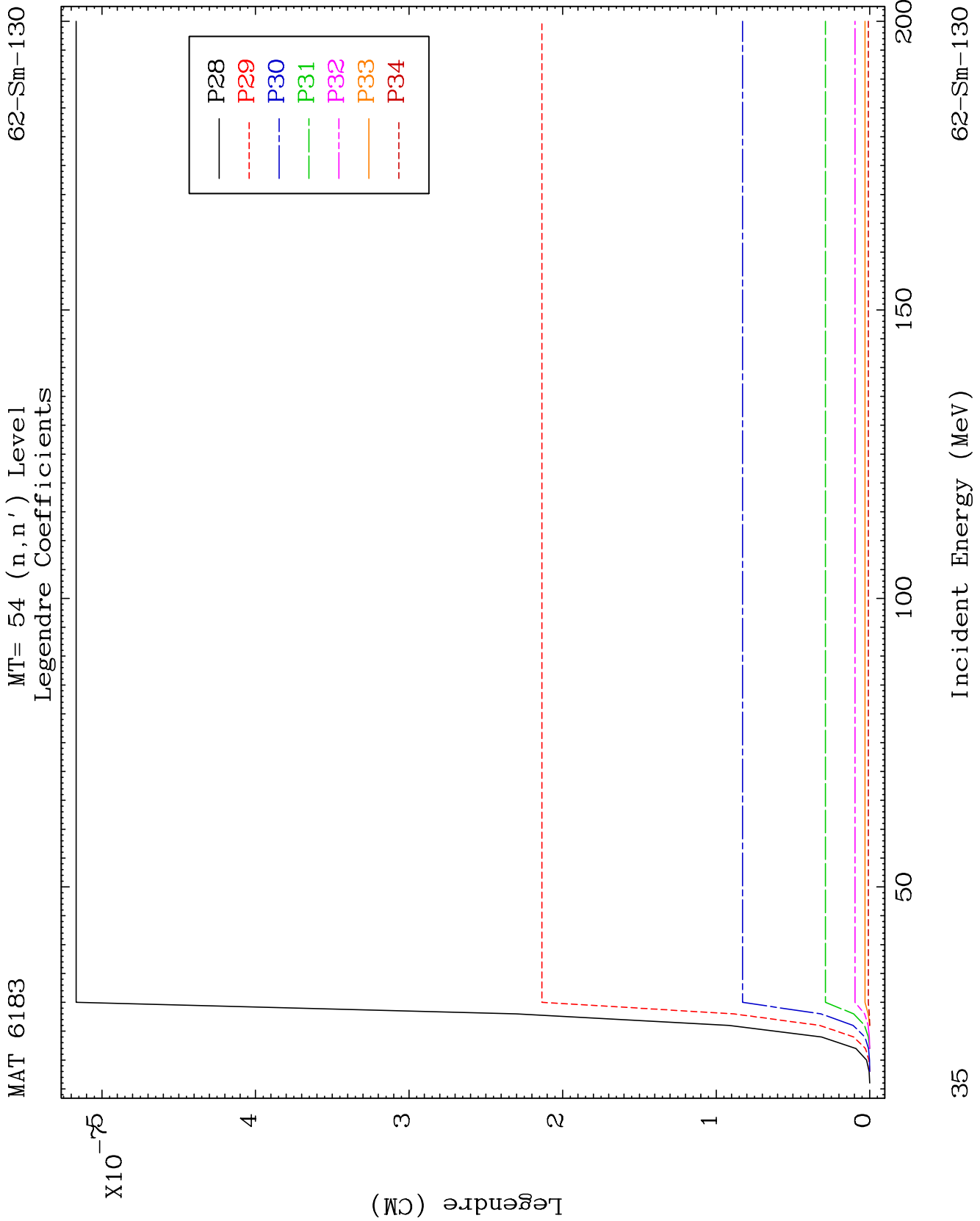
MT= 54 (n, n') Level
Legendre Coefficients

62-Sm-130





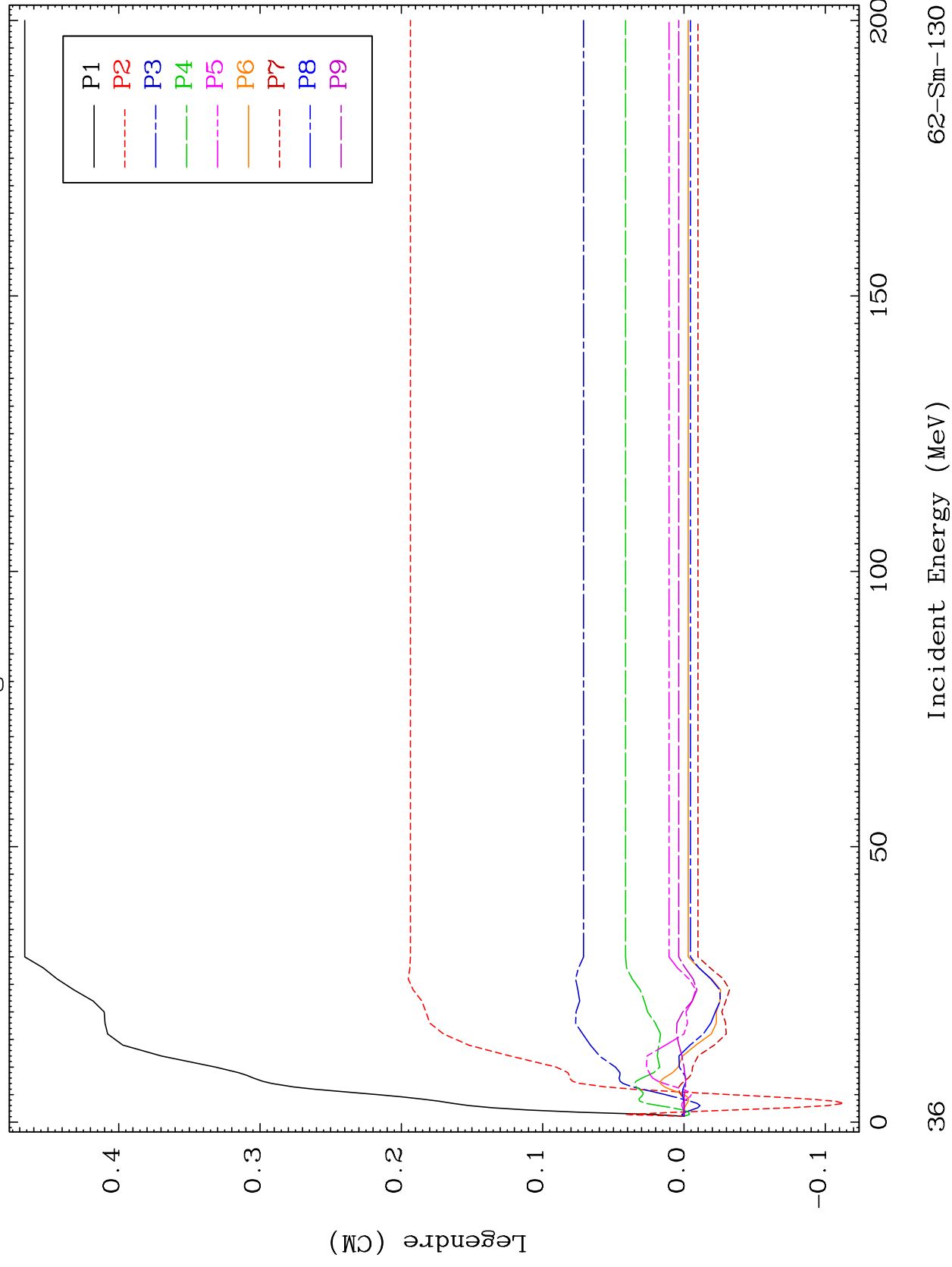




MAT 6183

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

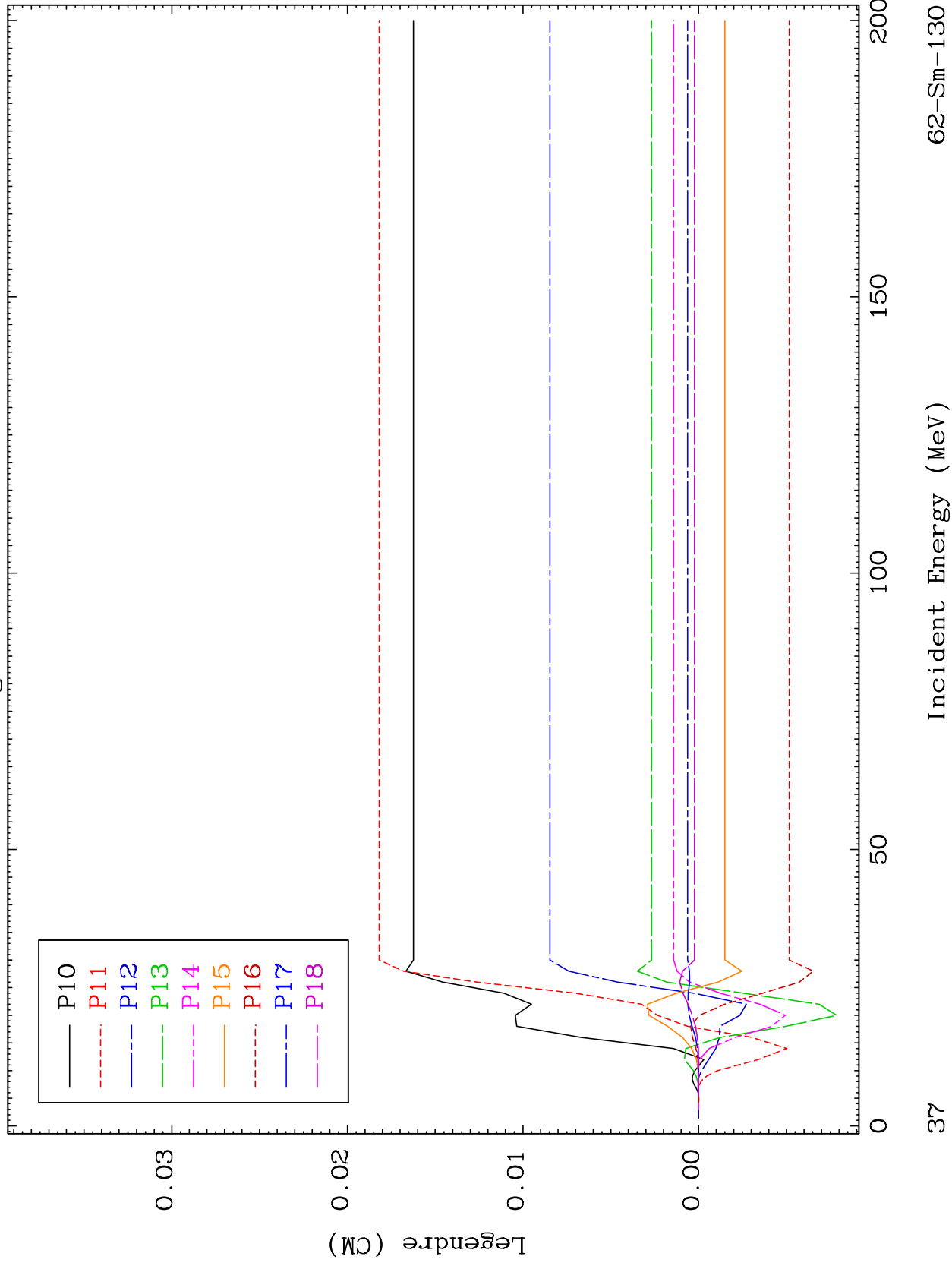
62-Sm-130



MAT 6183

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

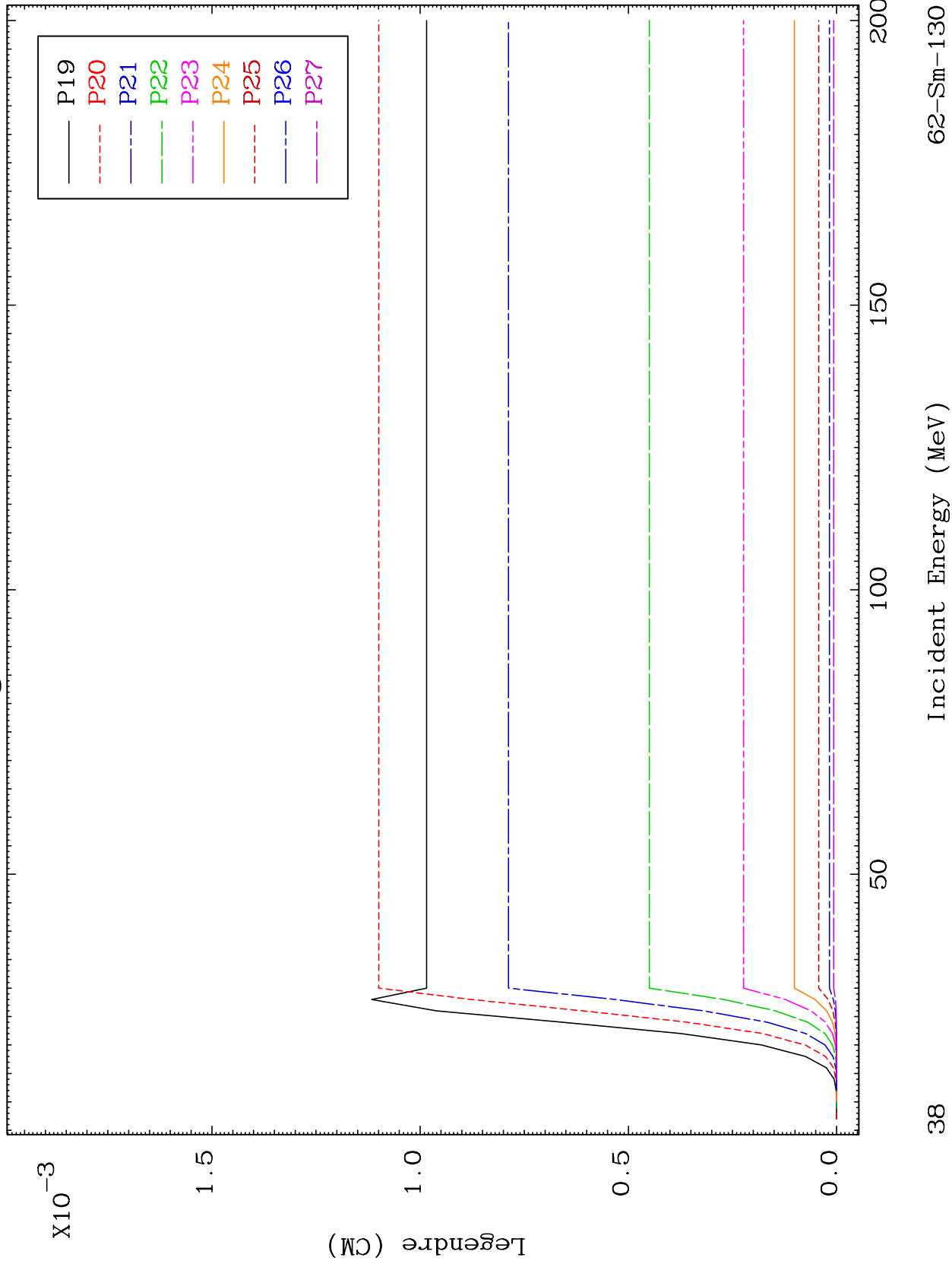
62-Sm-130



MAT 6183

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

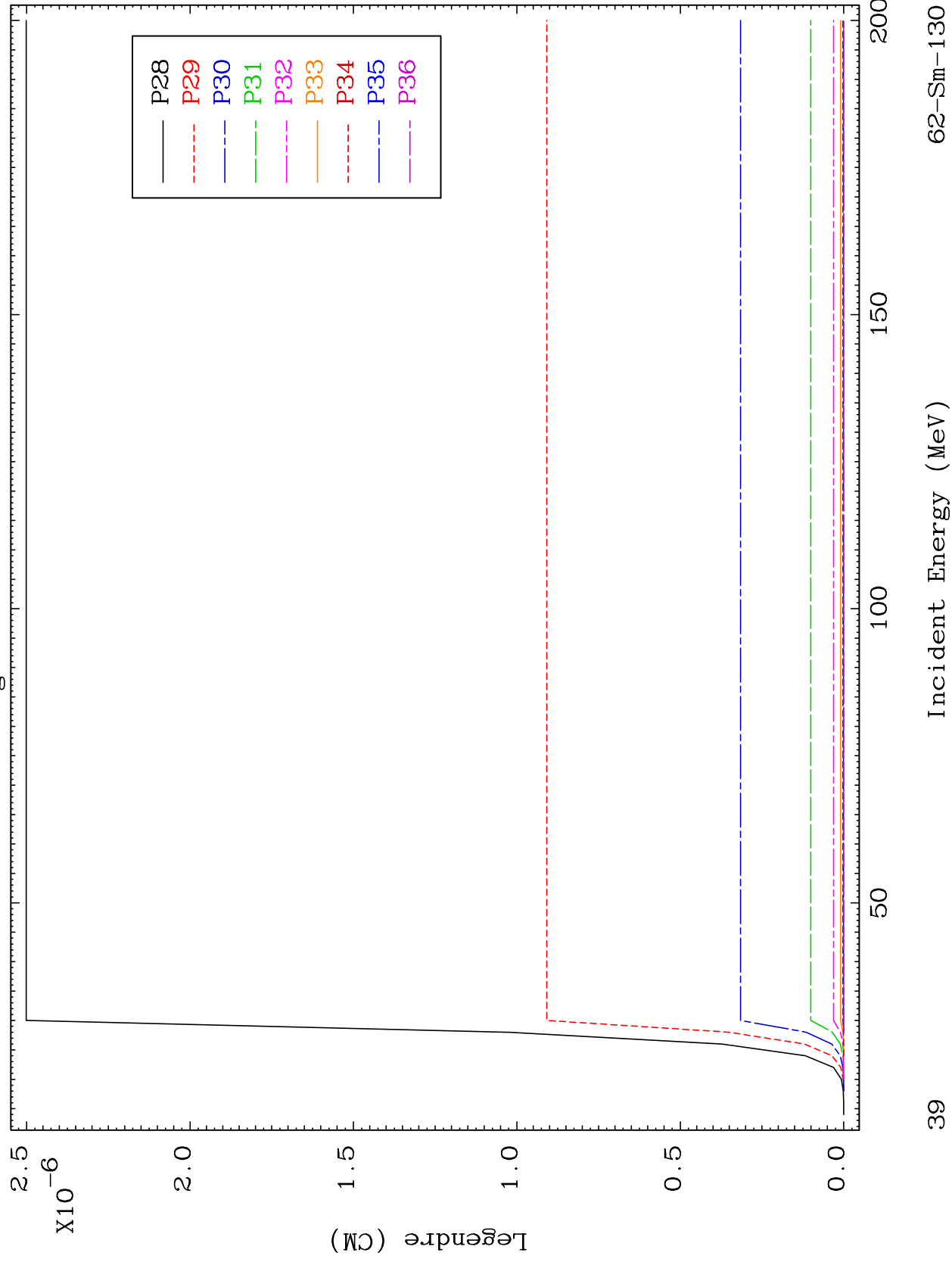
62-Sm-130

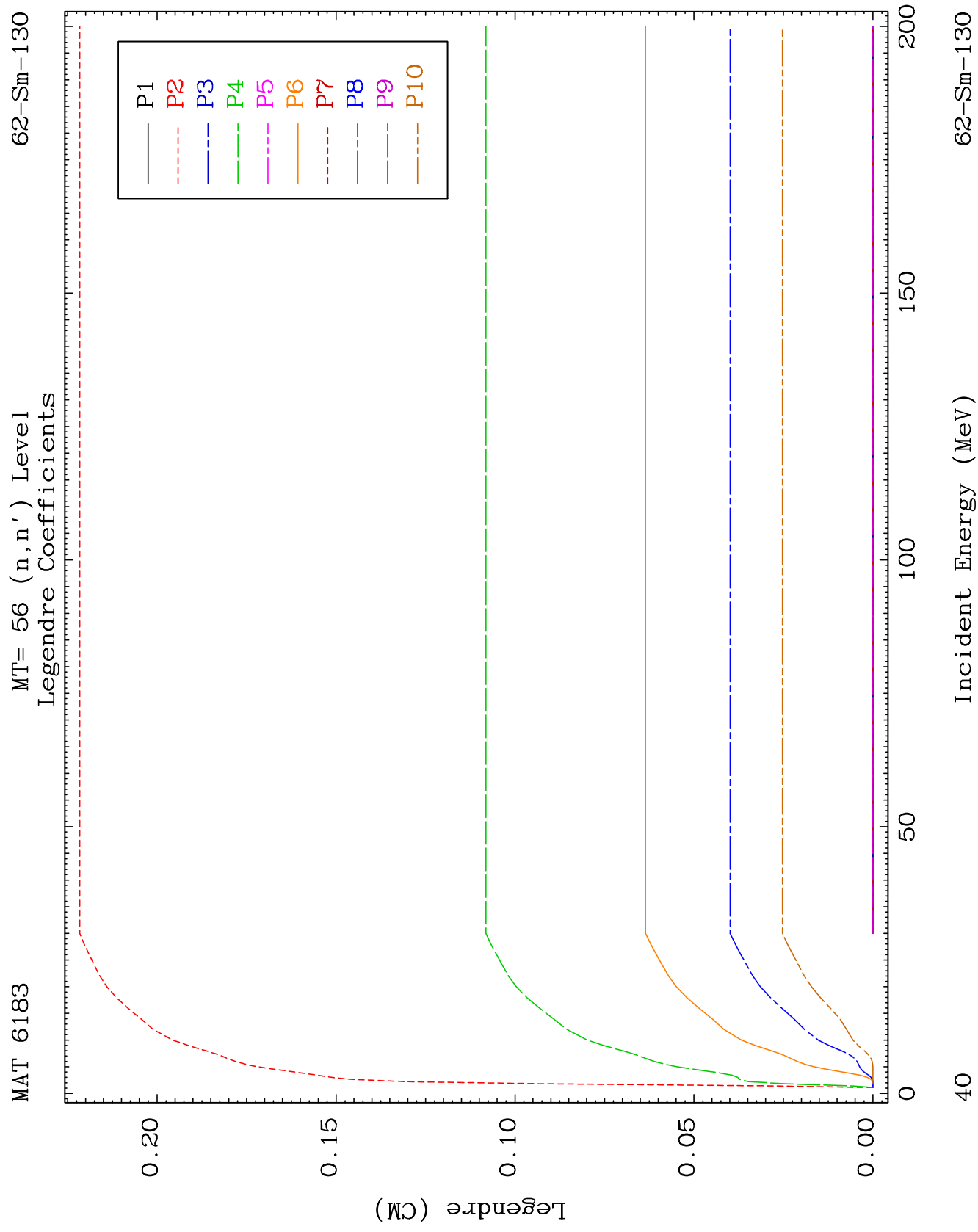


MAT 6183

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

62-Sm-130

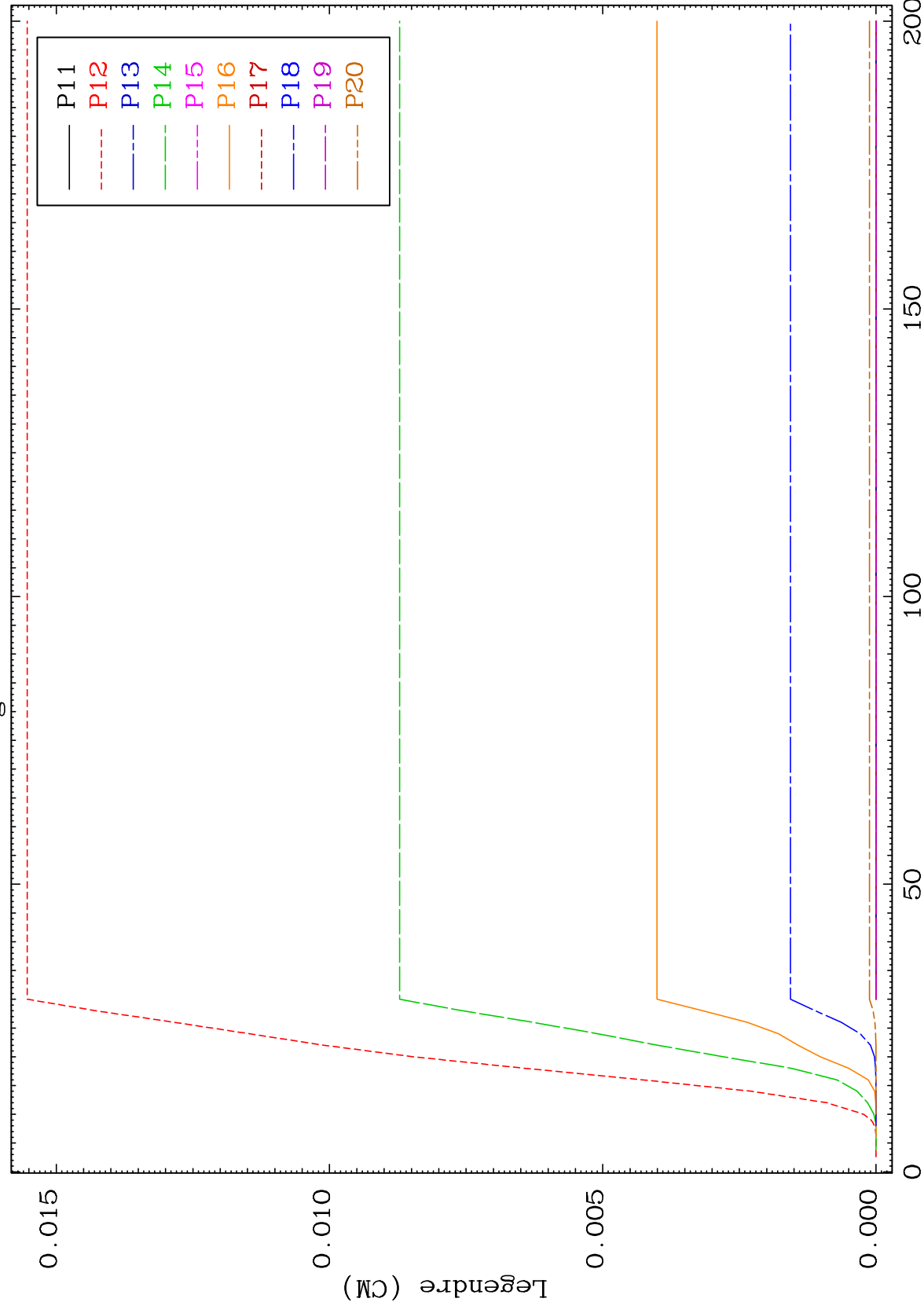




MAT 6183

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

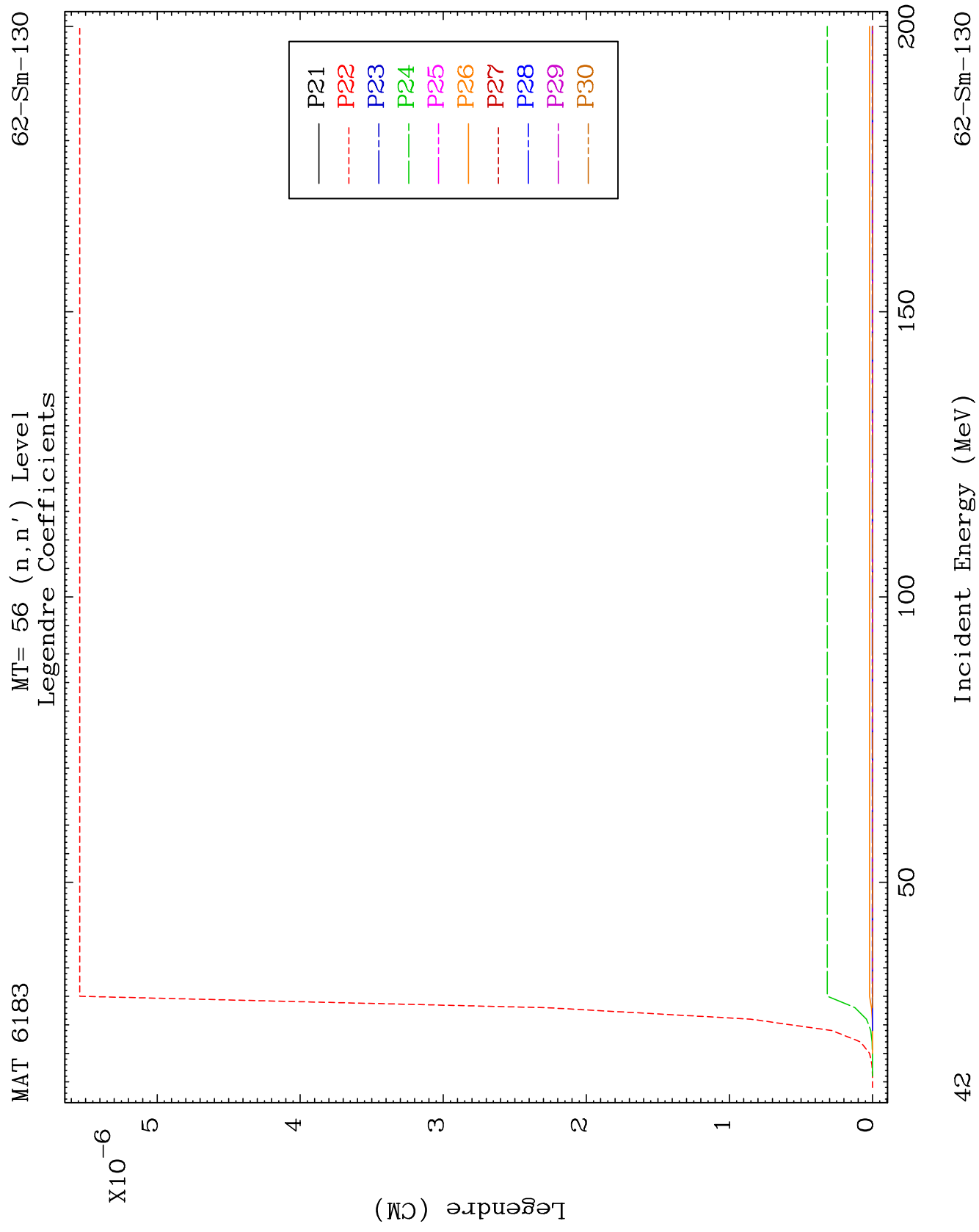
62-Sm-130

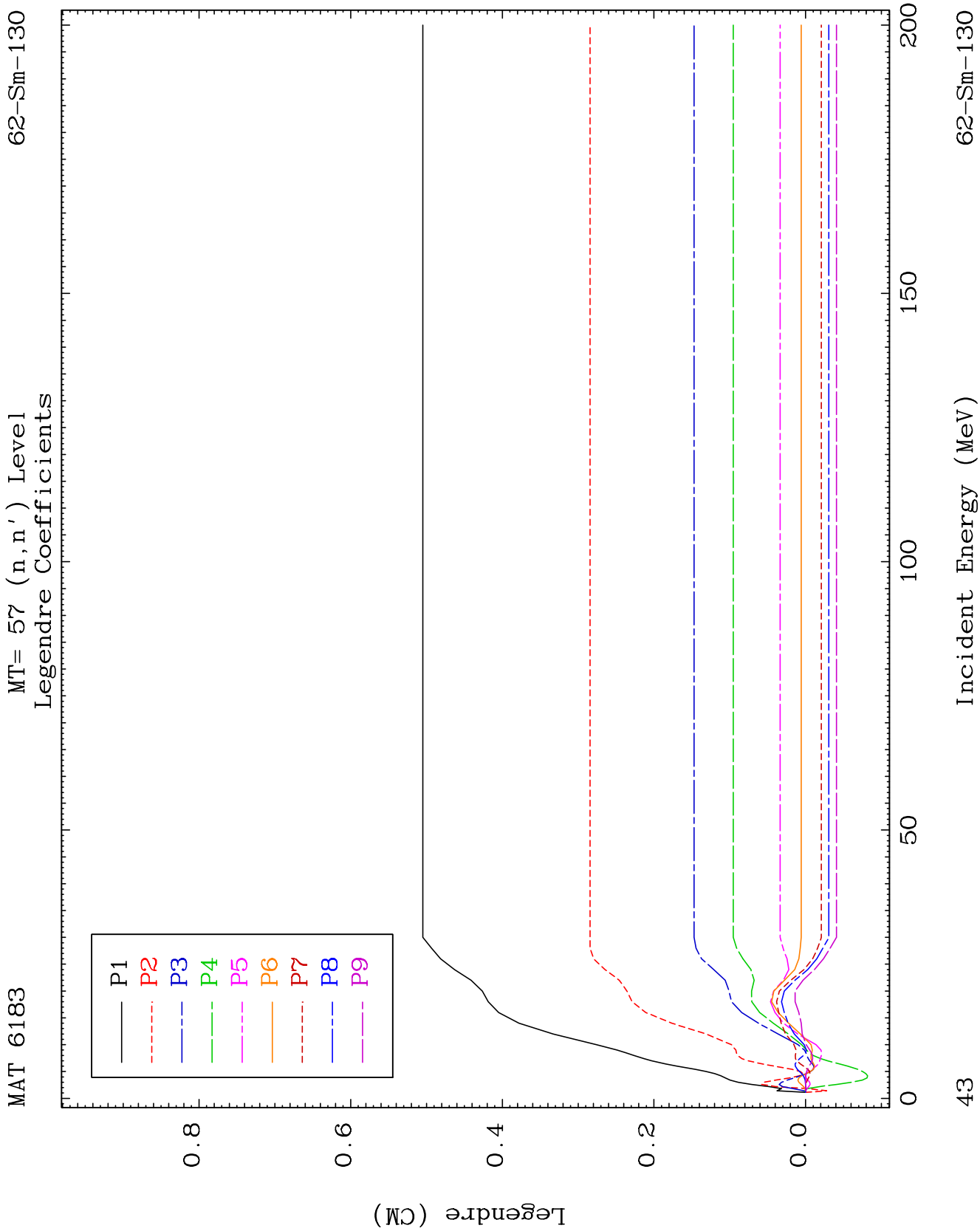


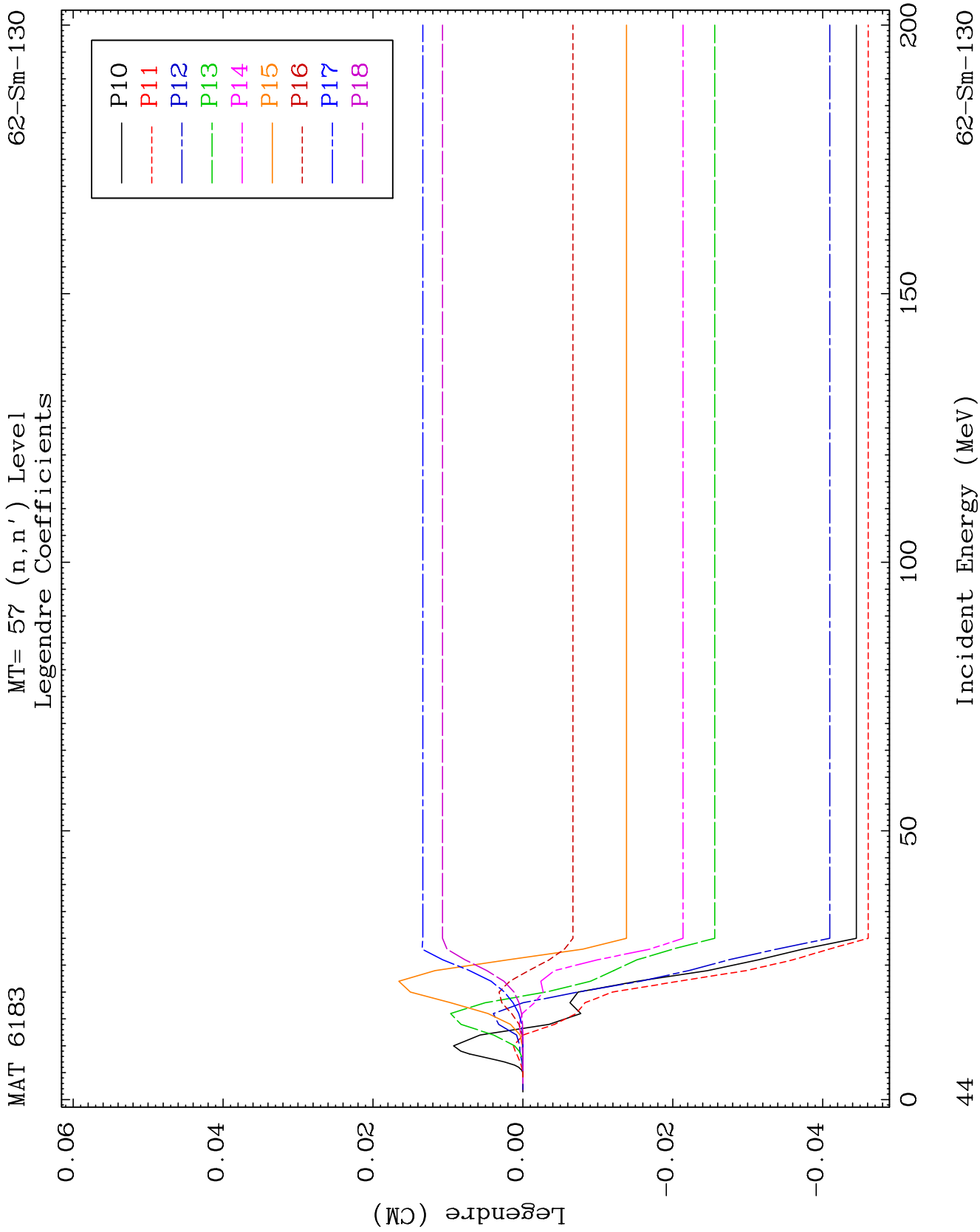
41

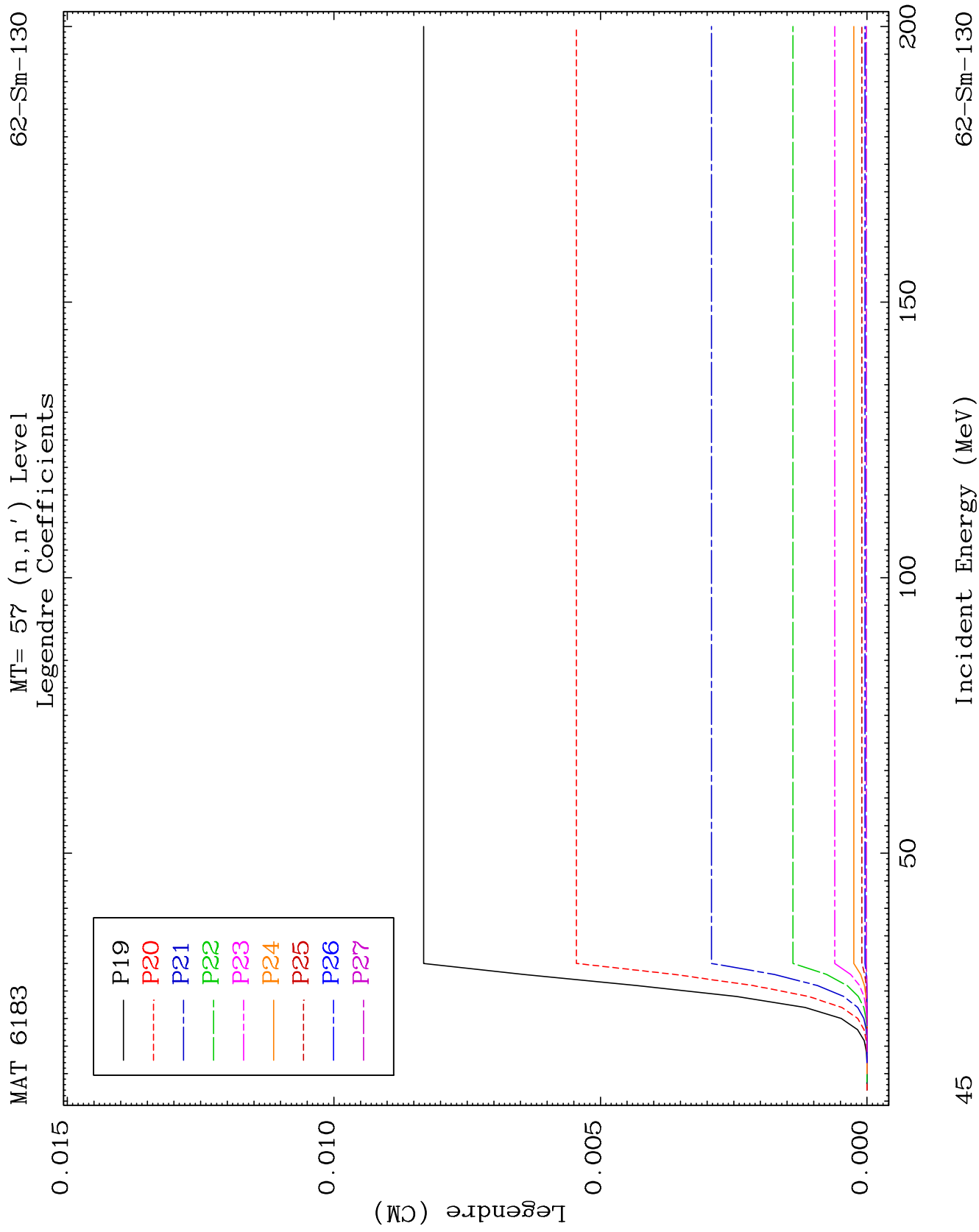
Incident Energy (MeV)

62-Sm-130





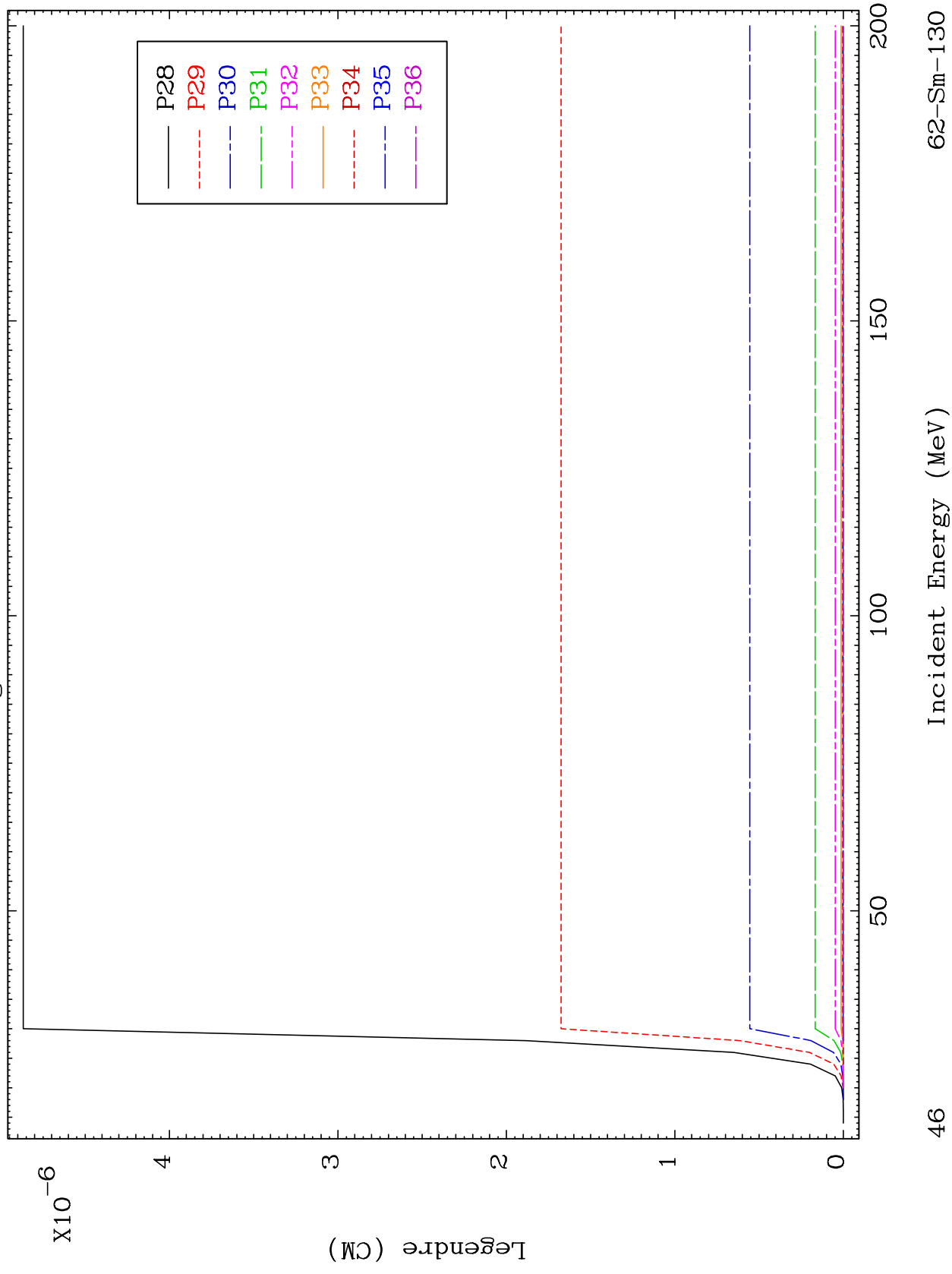




MAT 6183

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

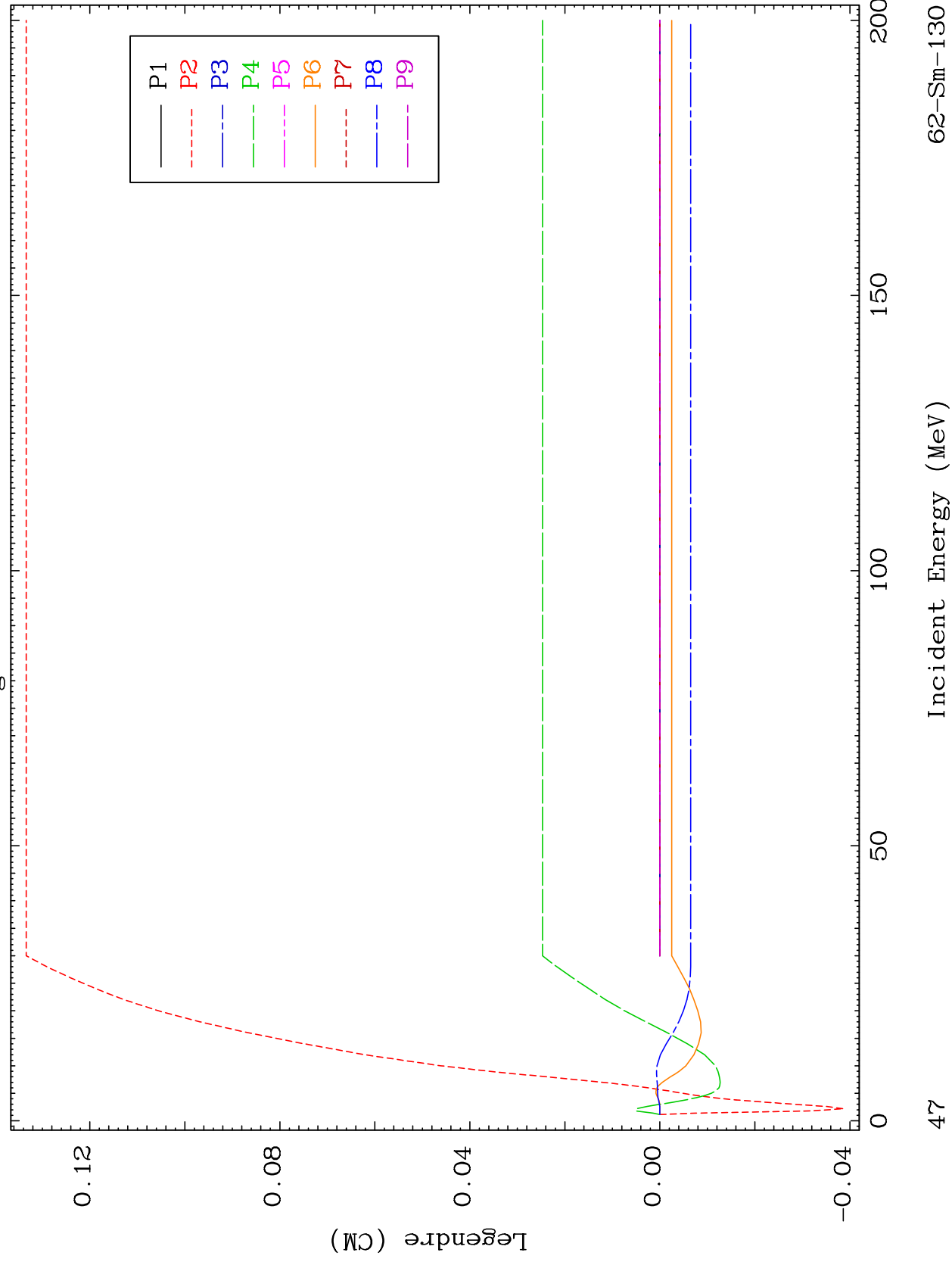
62-Sm-130

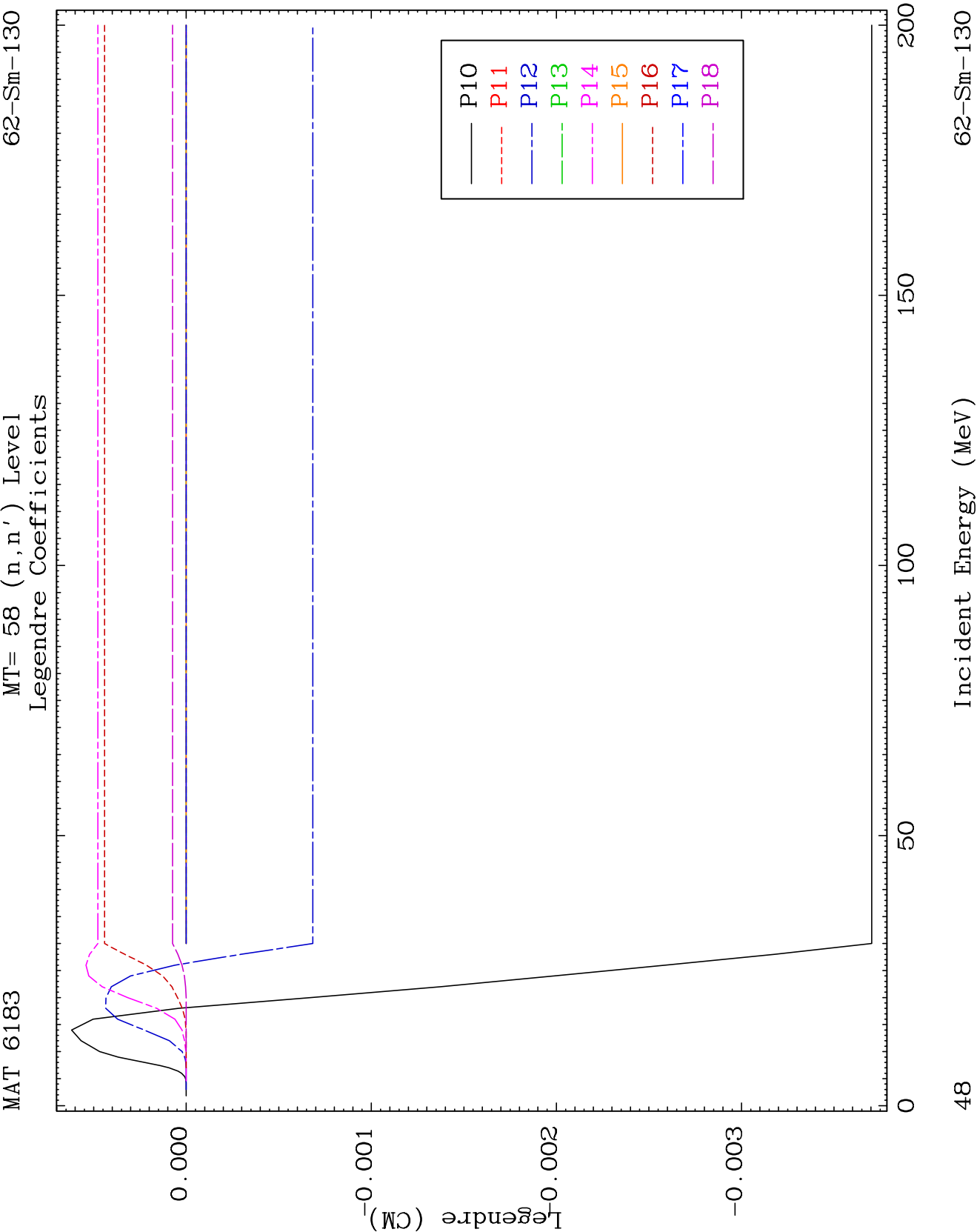


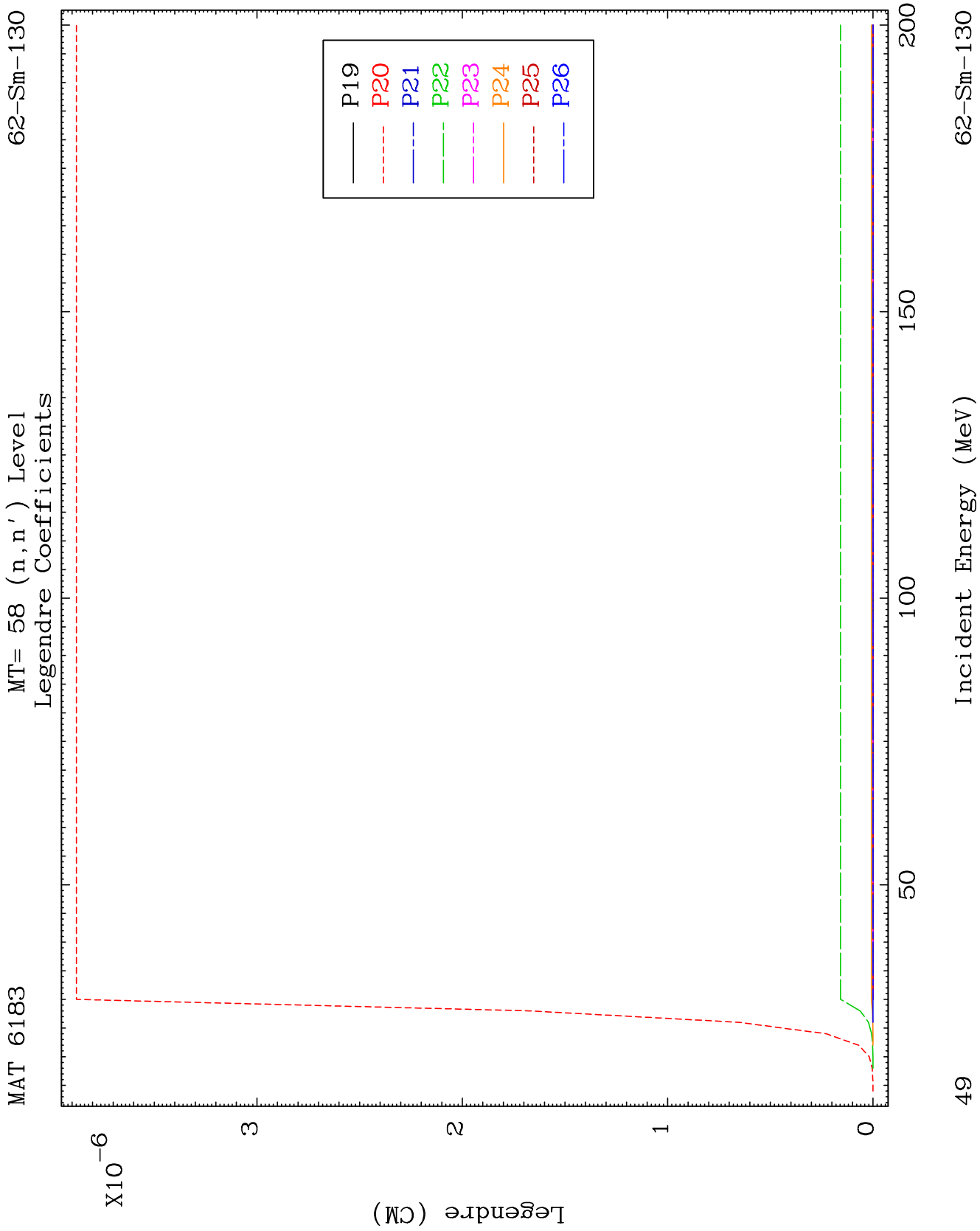
MAT 6183

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

62-Sm-130



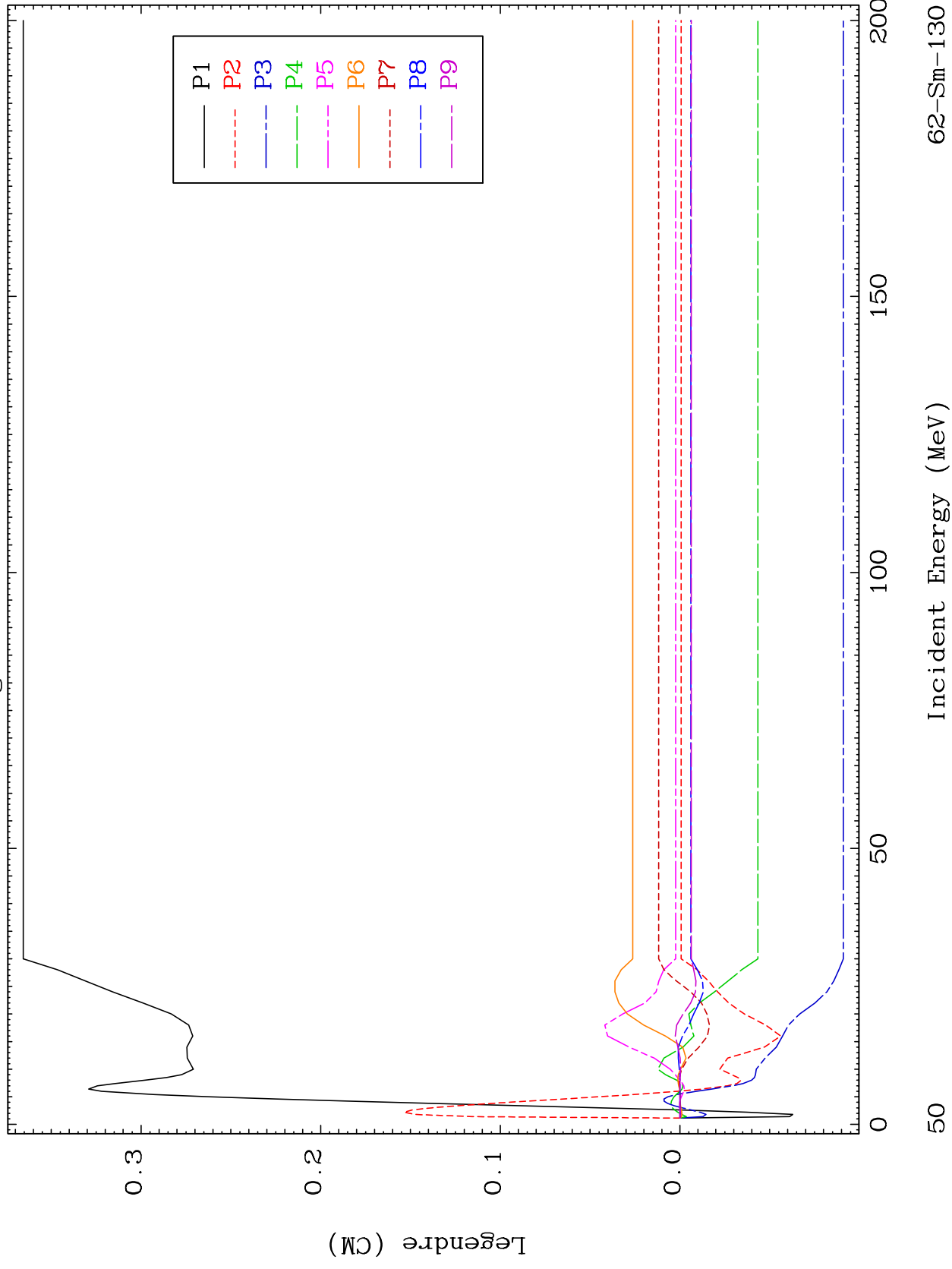


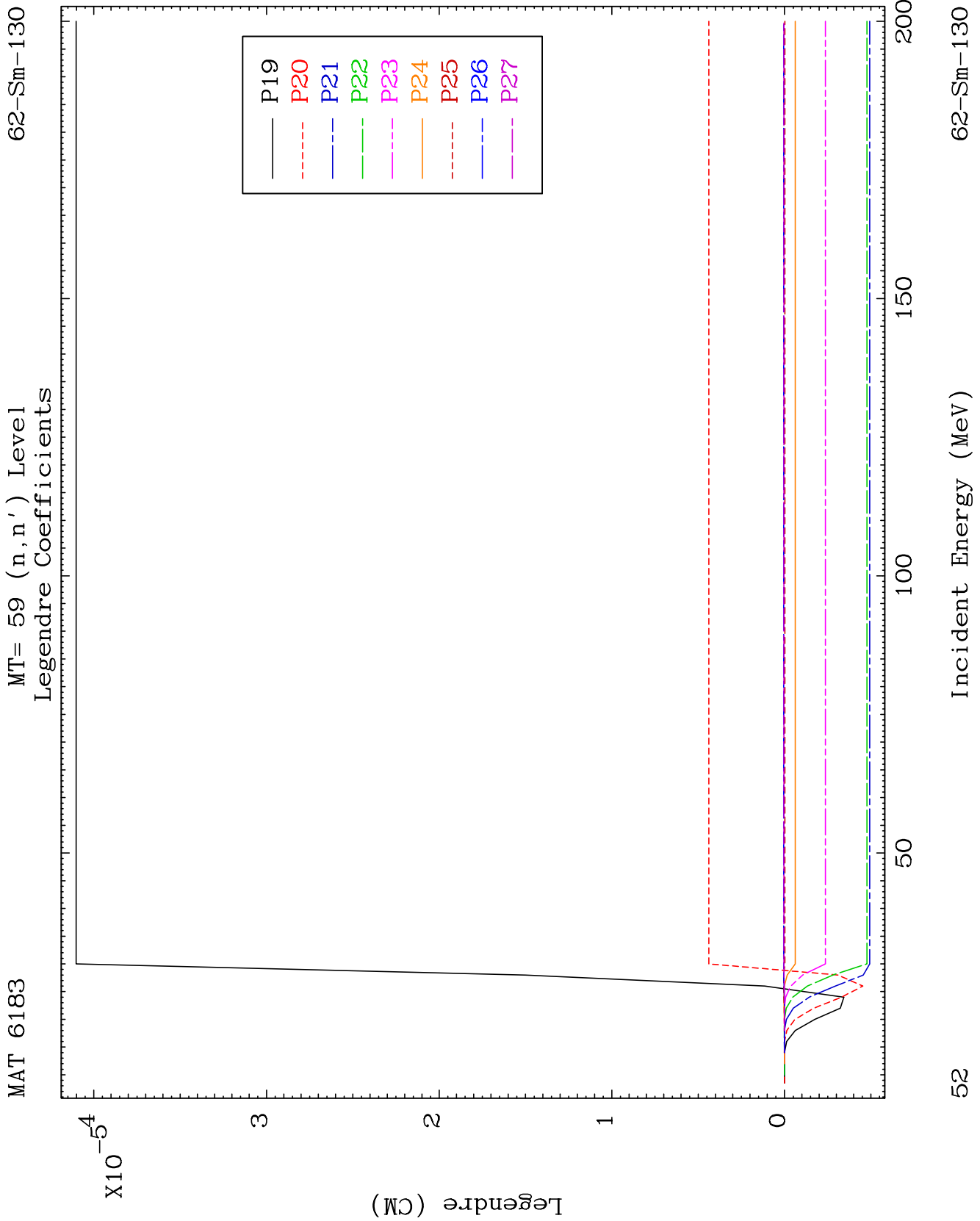


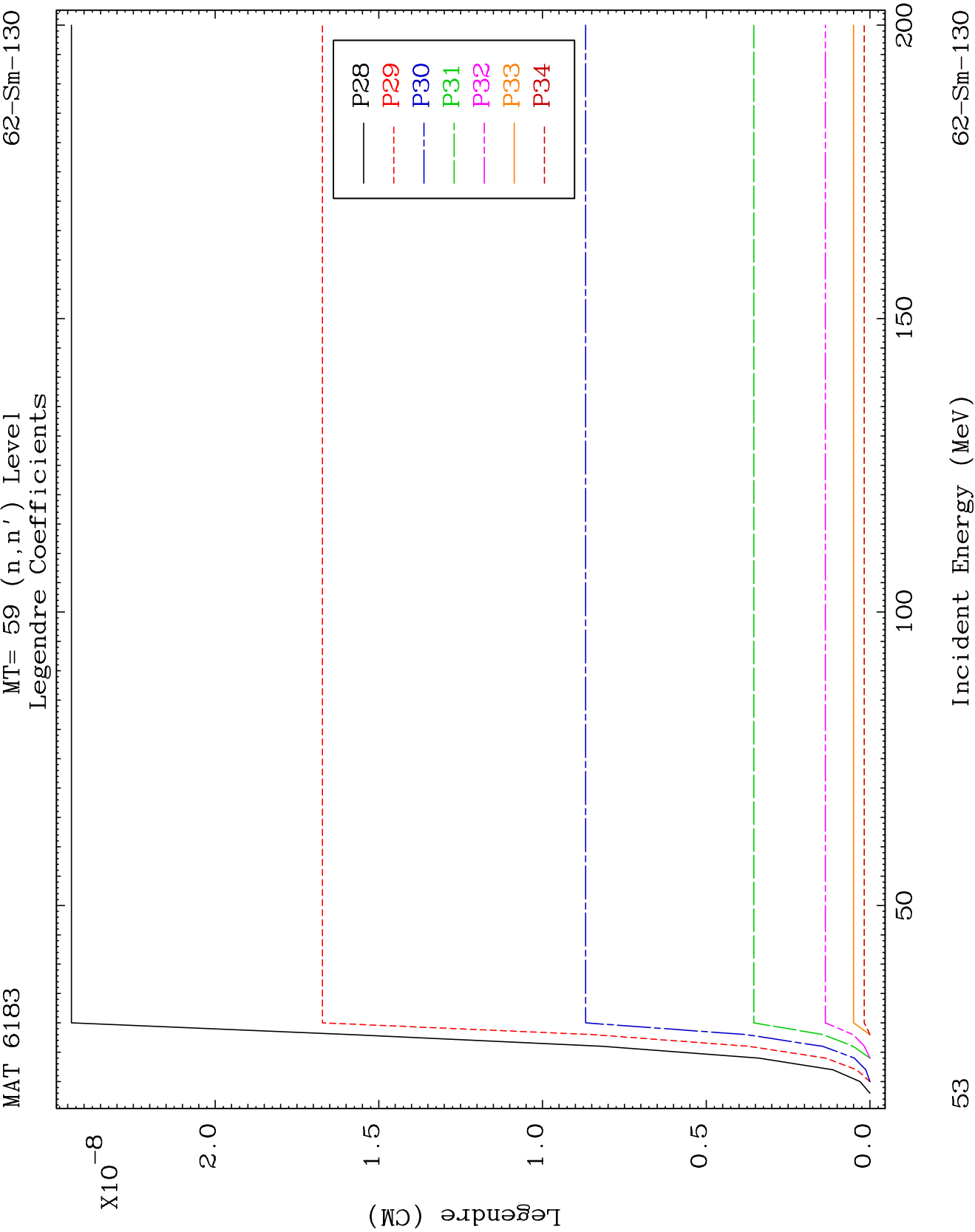
MAT 6183

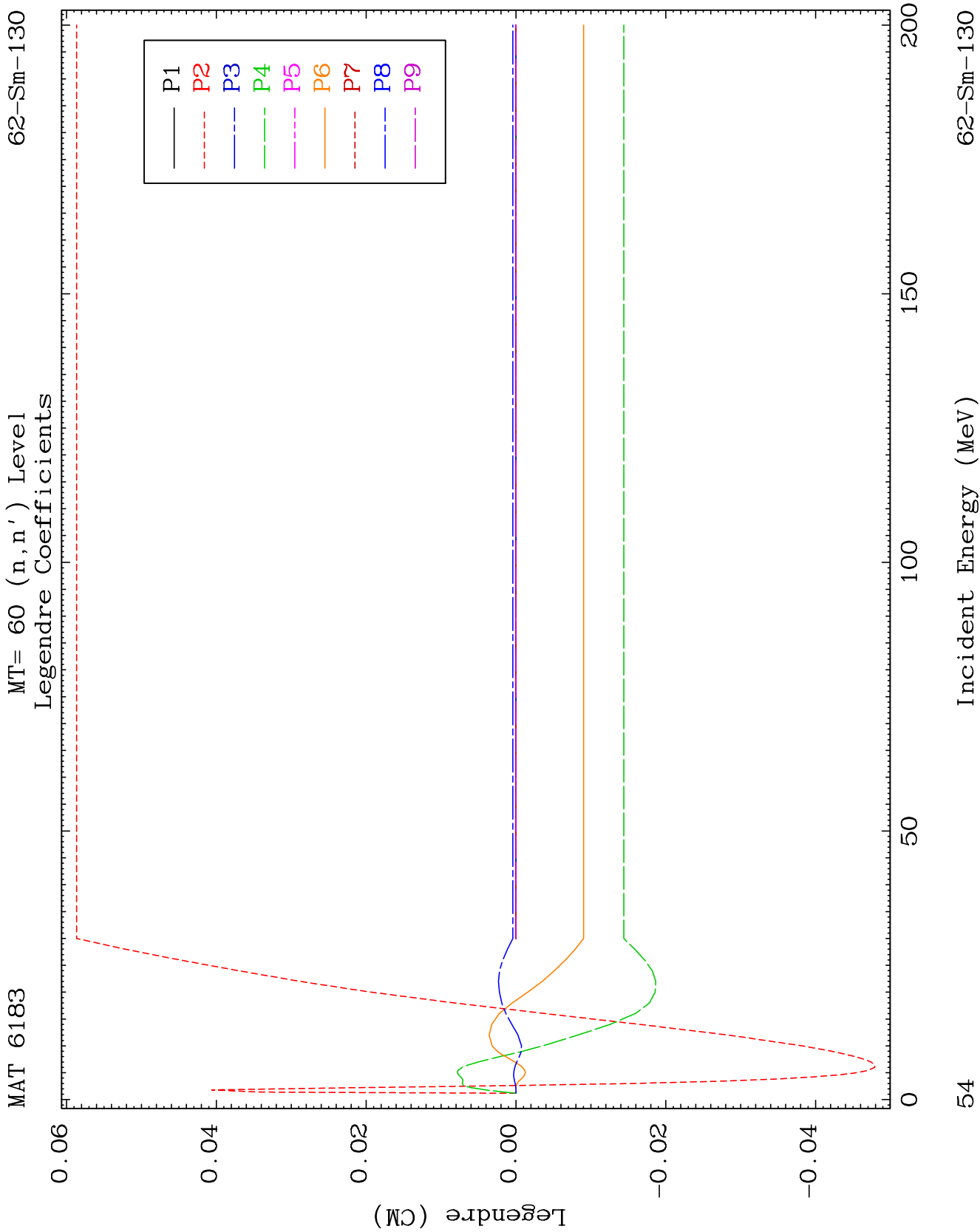
MT= 59 (n, n') Level
Legendre Coefficients

62-Sm-130





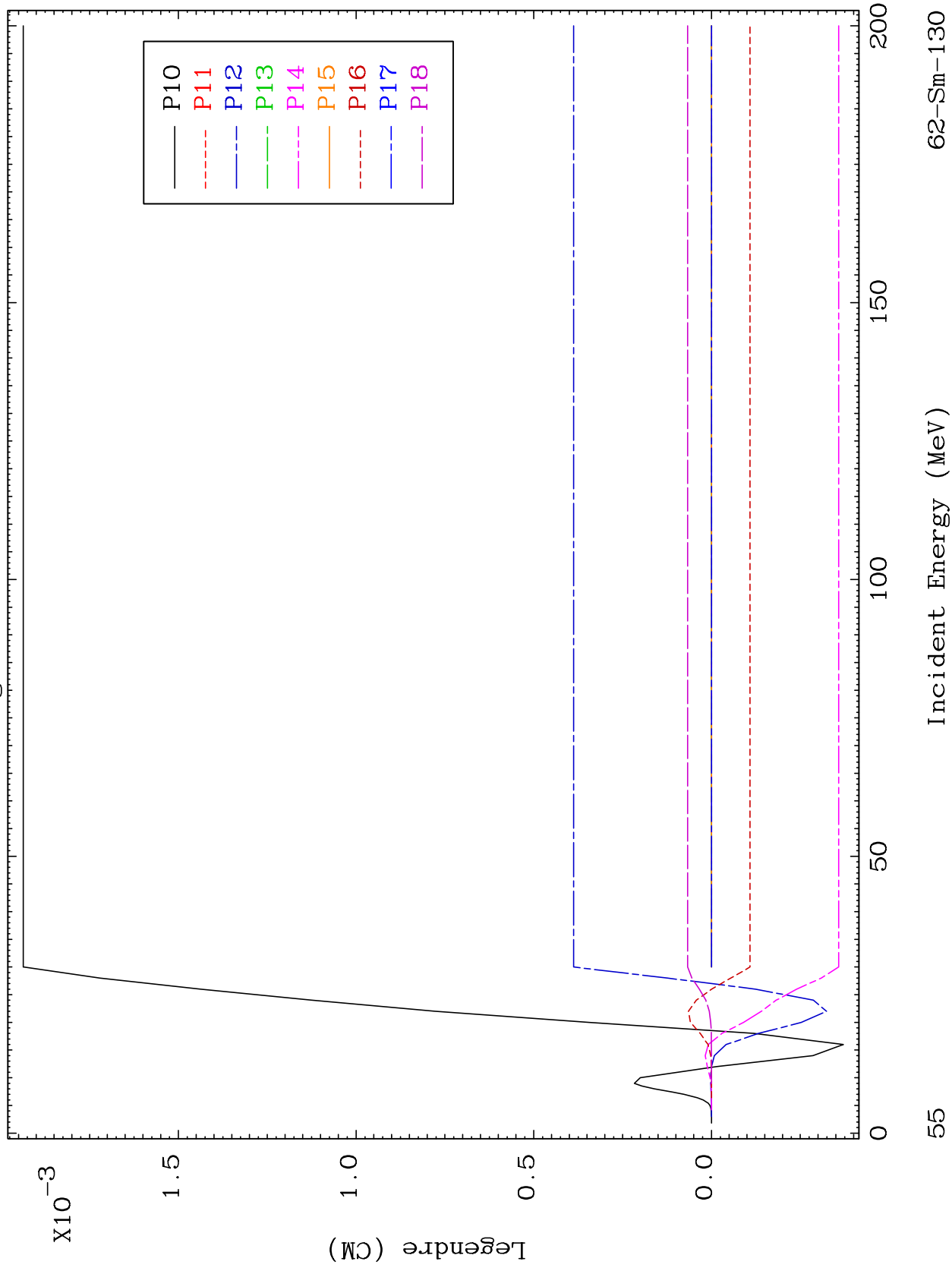




MAT 6183

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

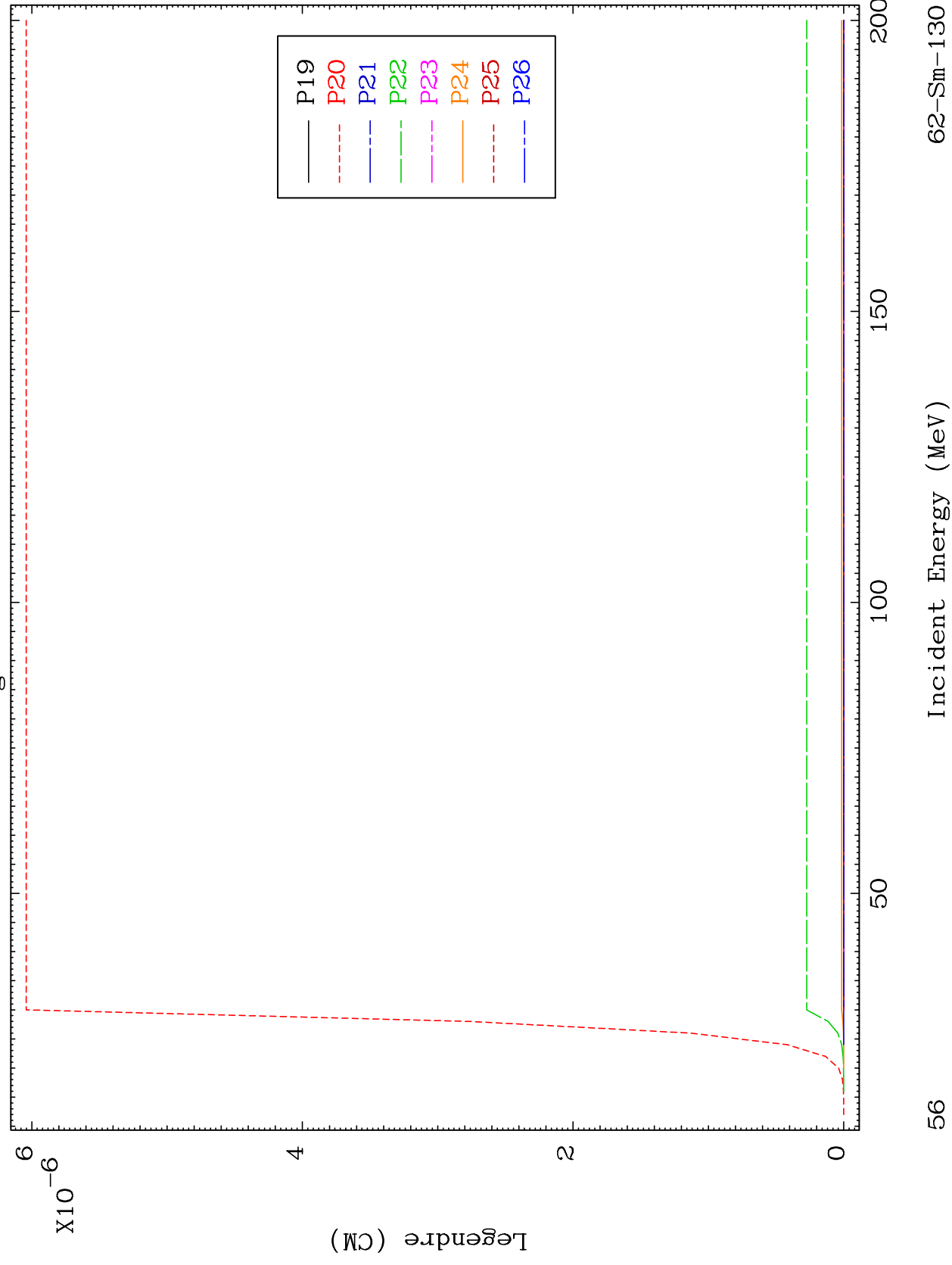
62-Sm-130



MAT 6183

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

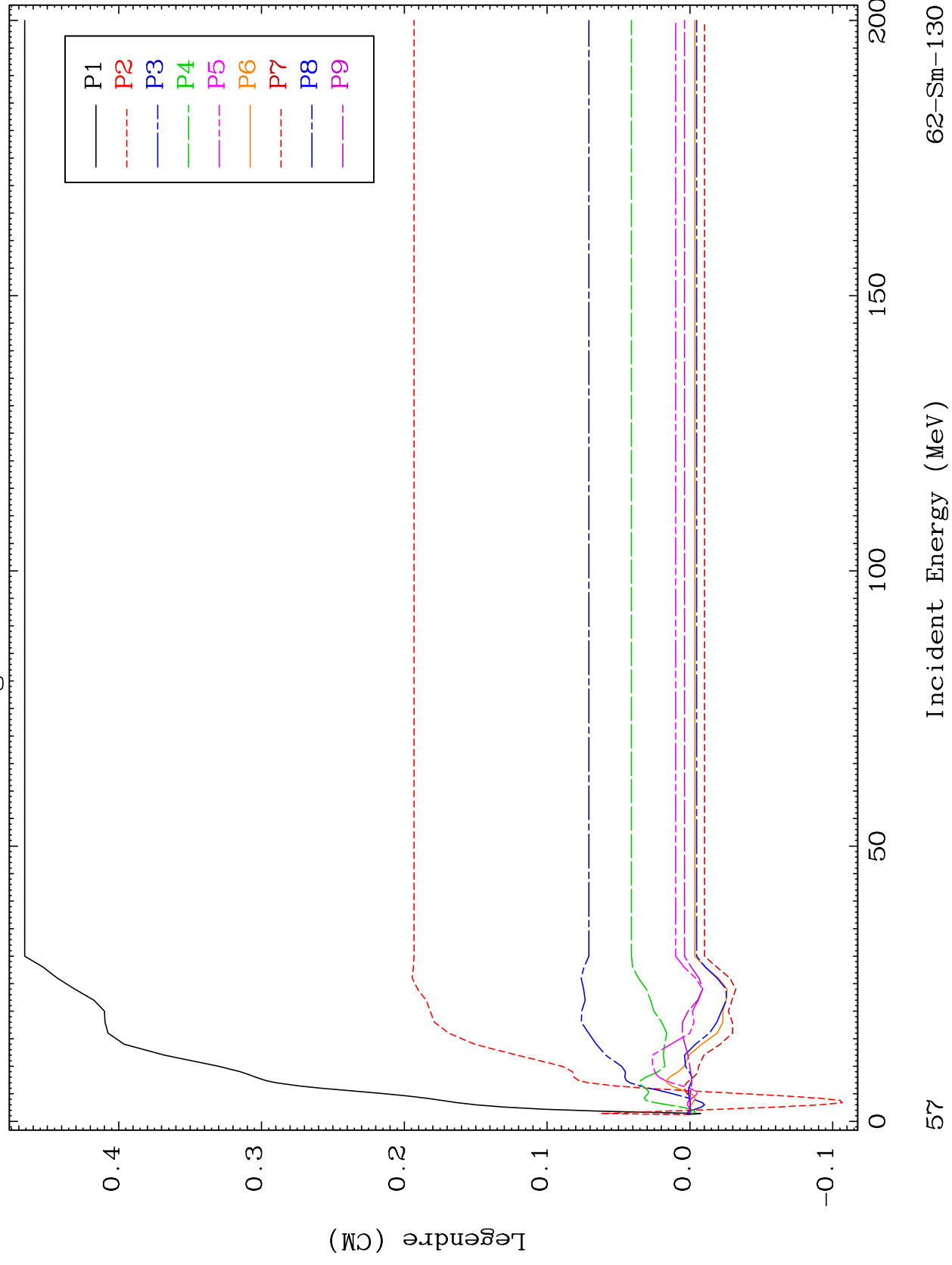
62-Sm-130



MAT 6183

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

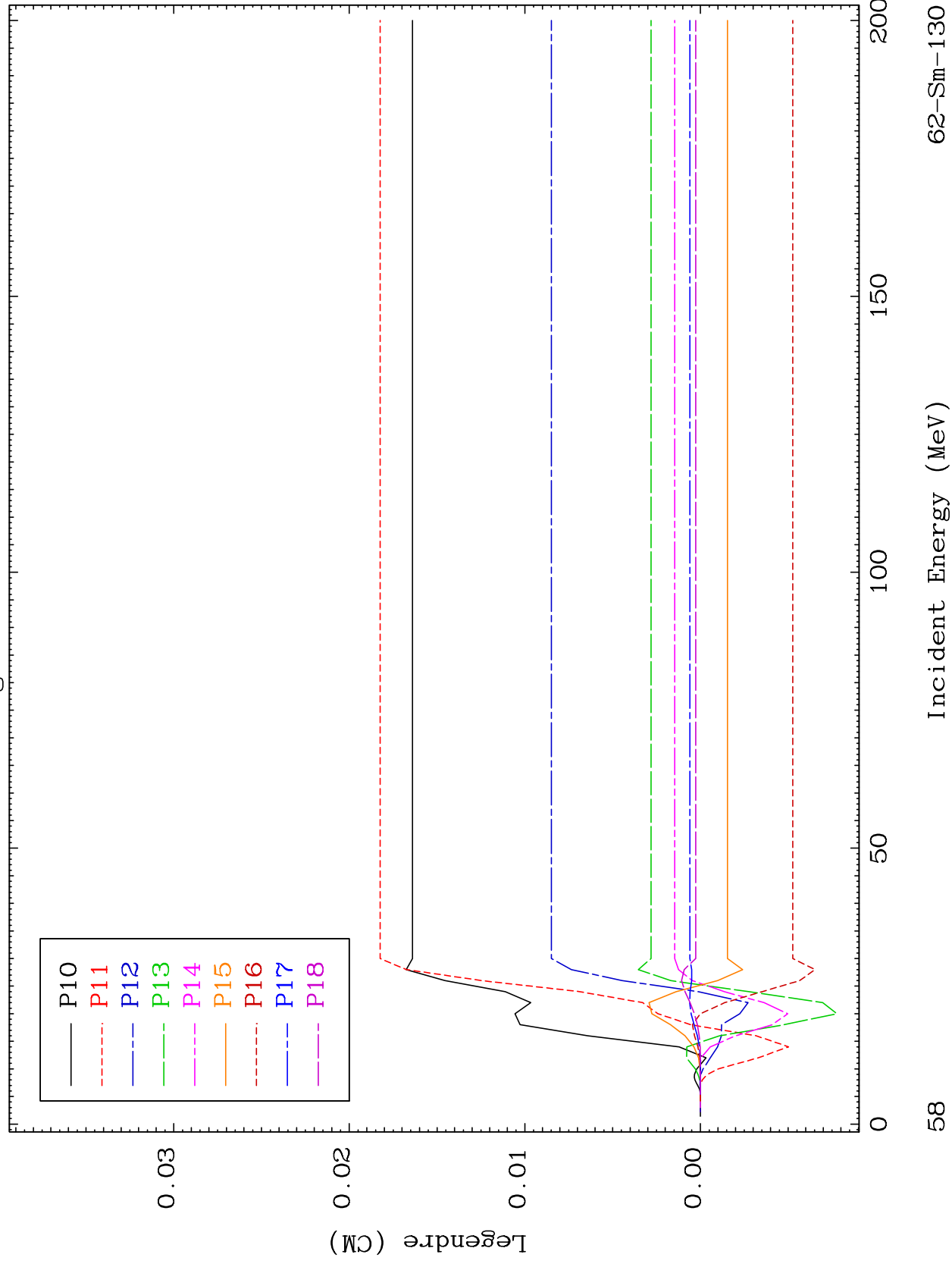
62-Sm-130



MAT 6183

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

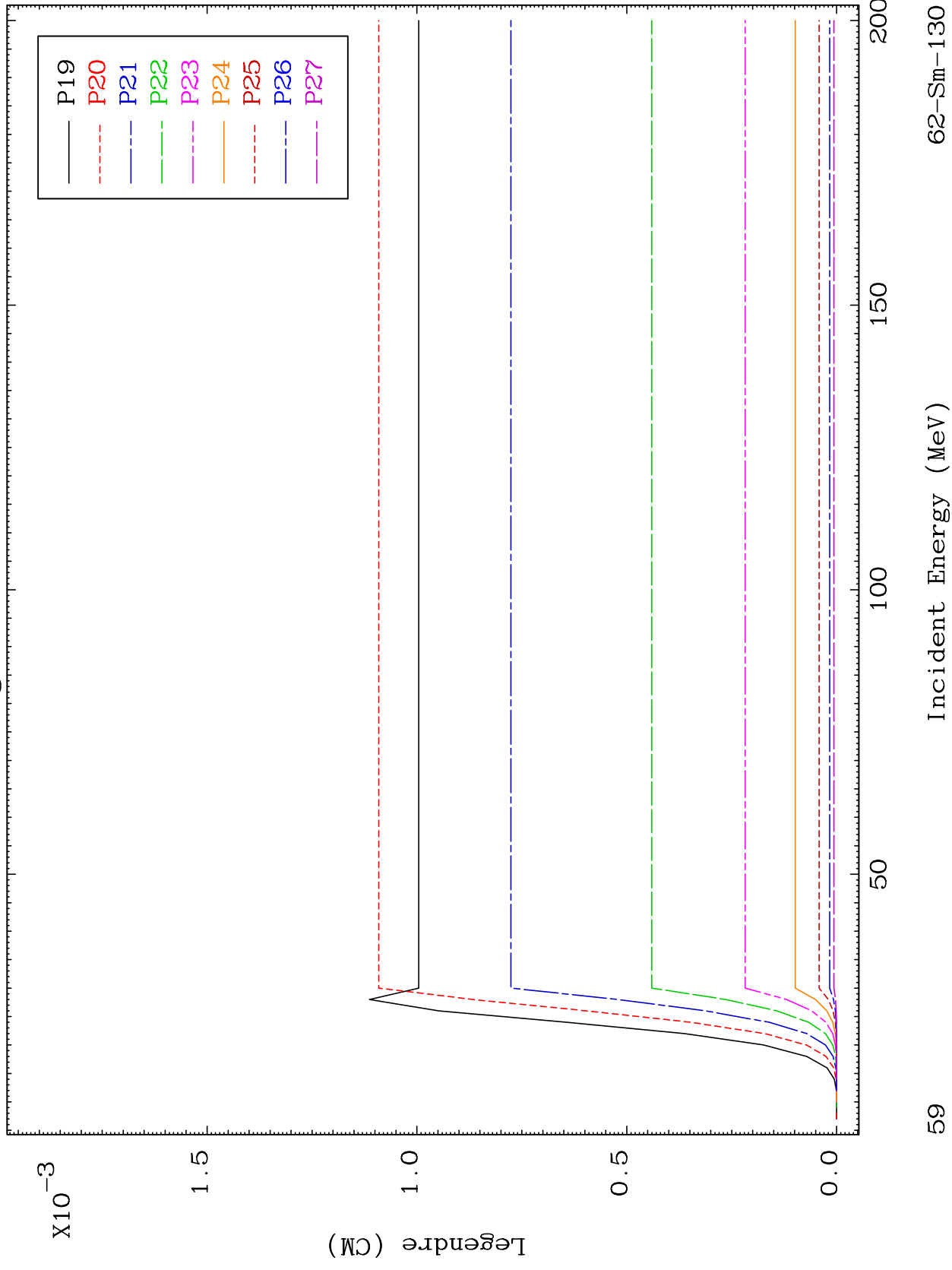
62-Sm-130



MAT 6183

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

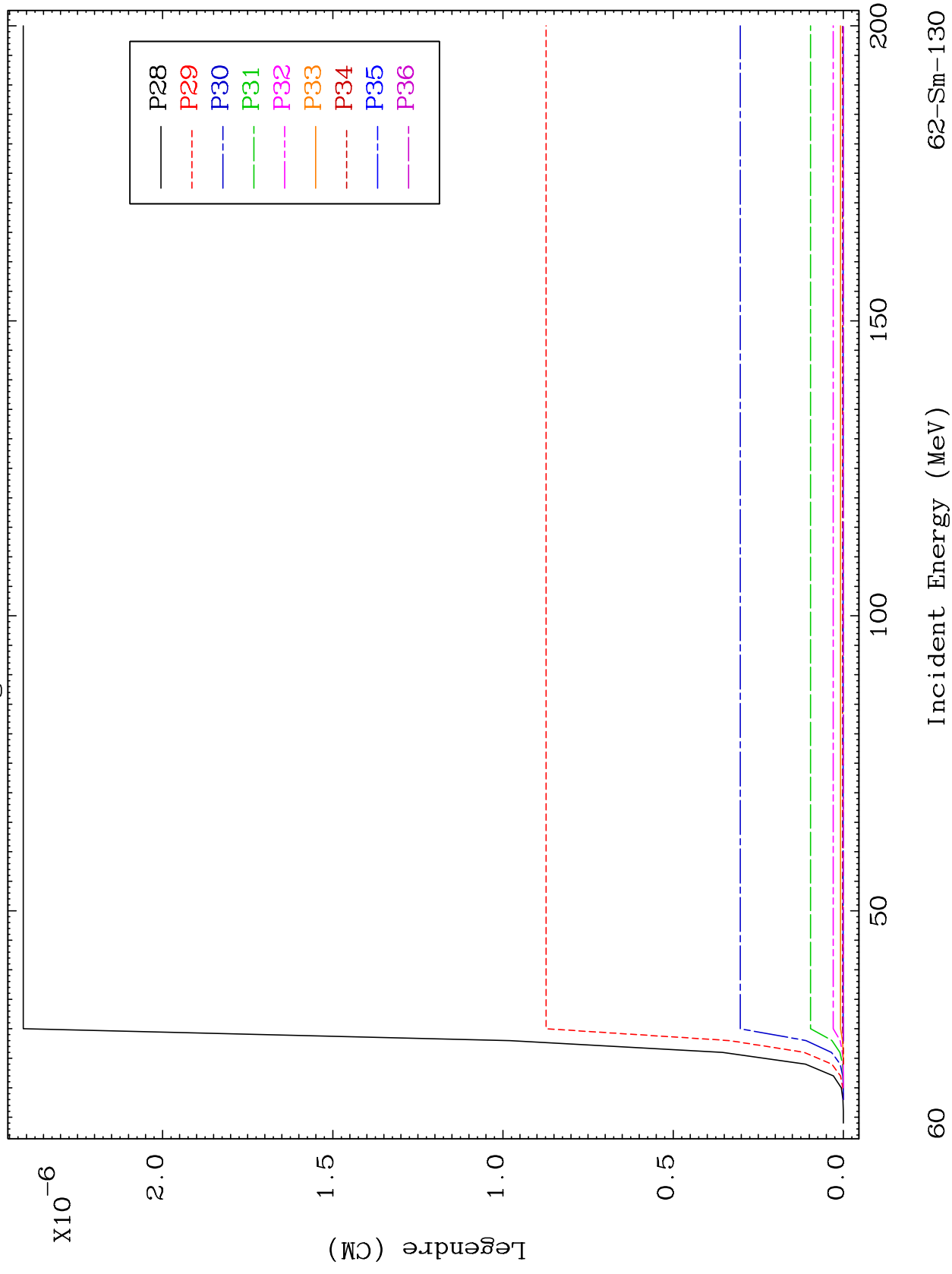
62-Sm-130

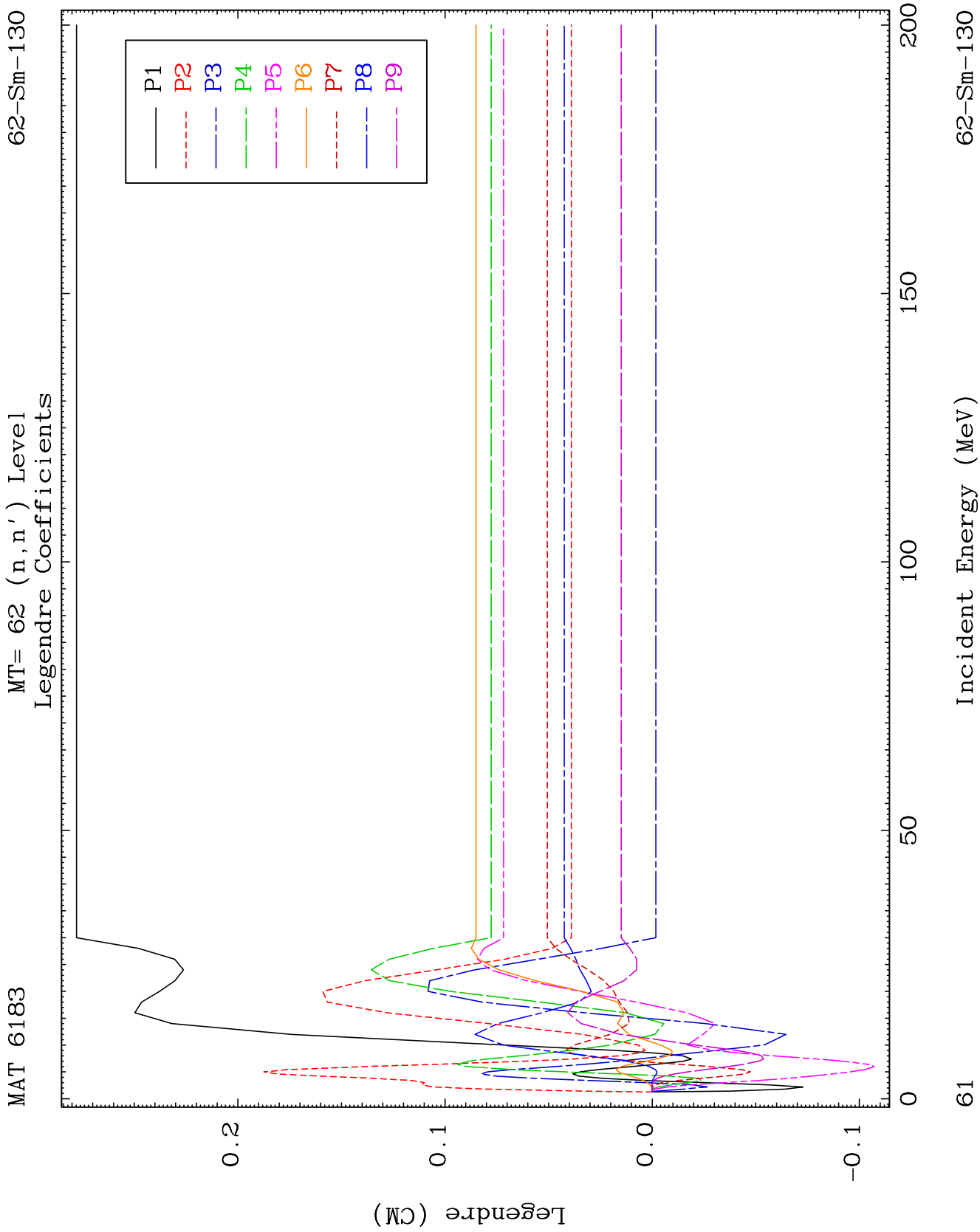


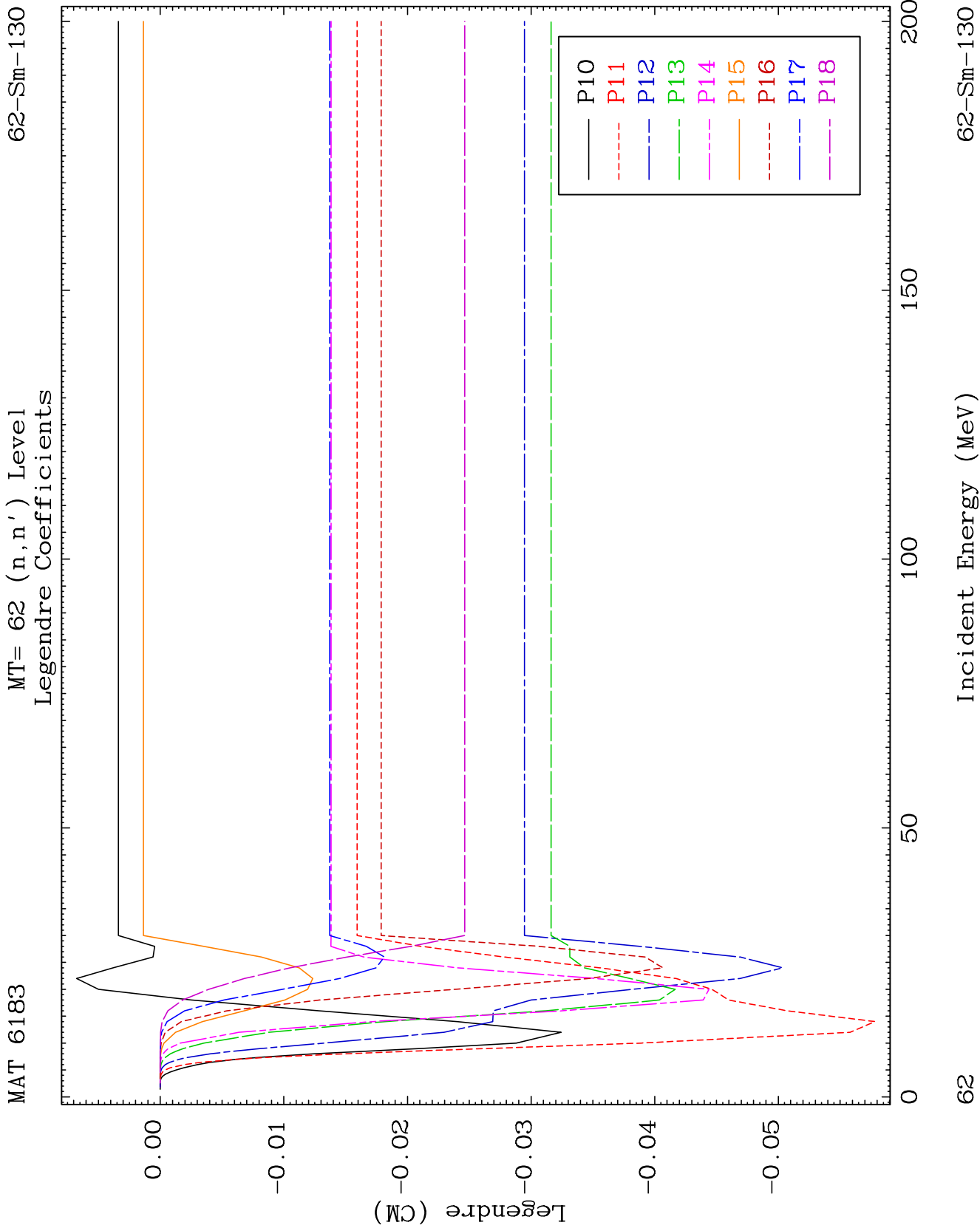
MAT 6183

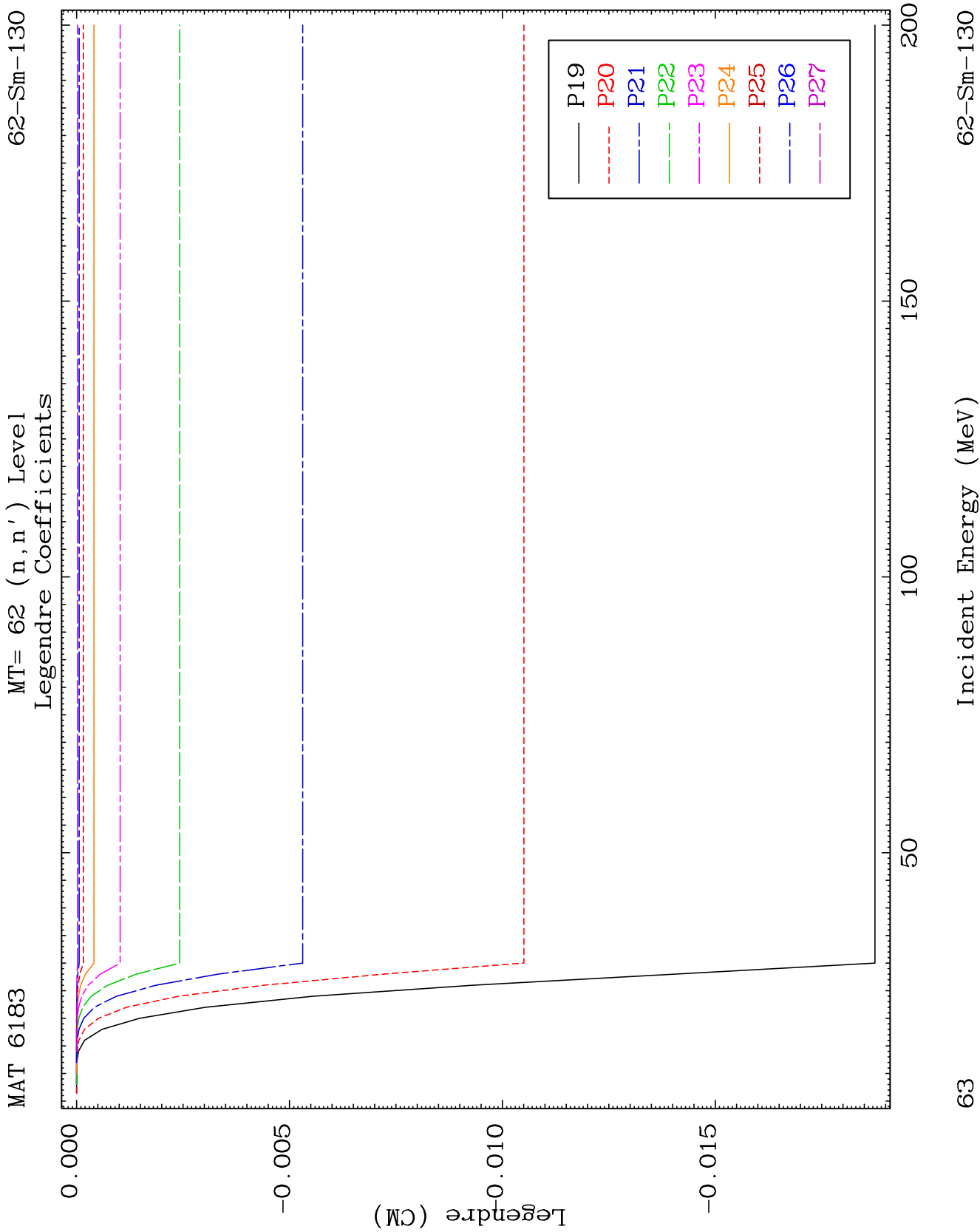
MT= 61 (n, n') Level
Legendre Coefficients

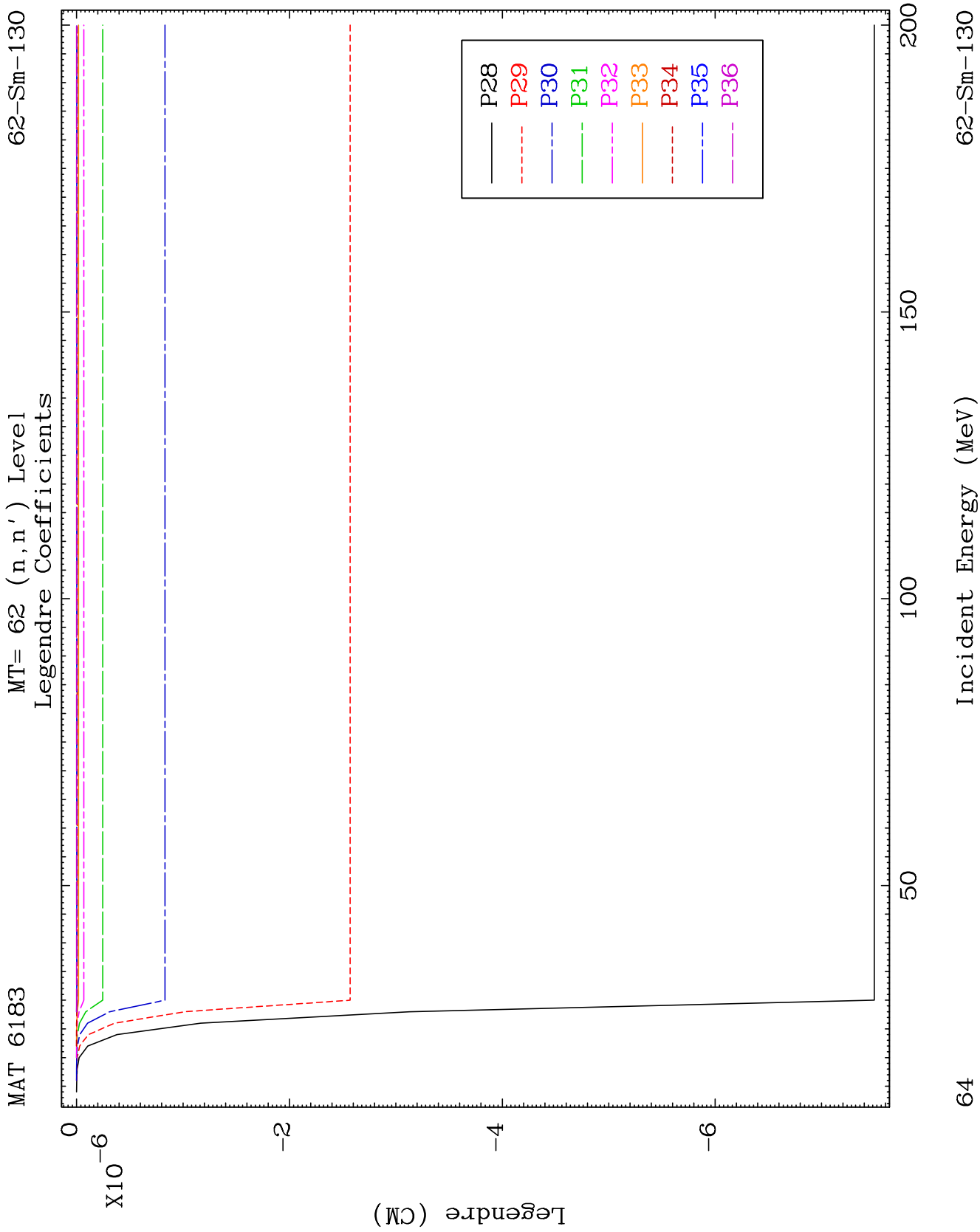
62-Sm-130

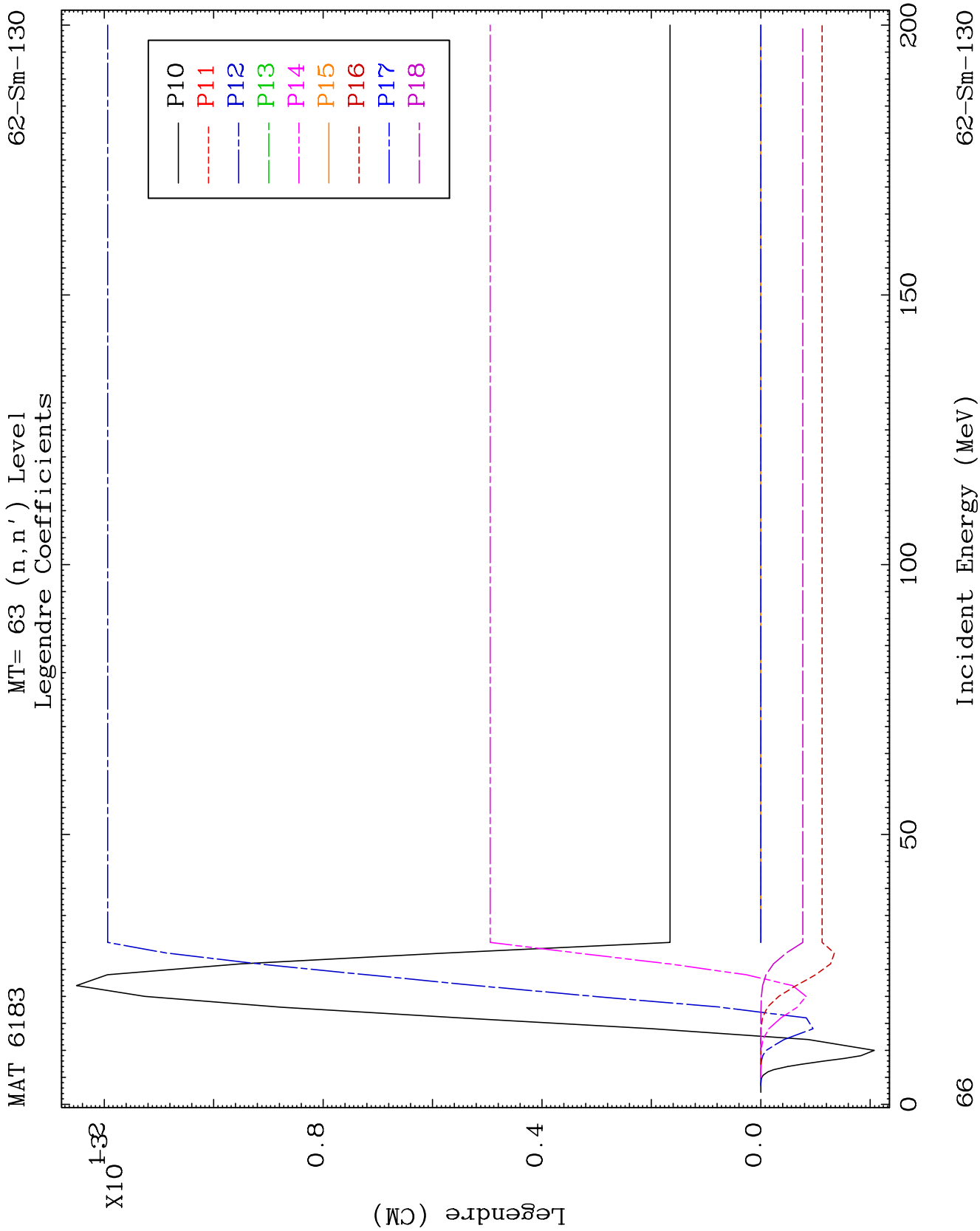


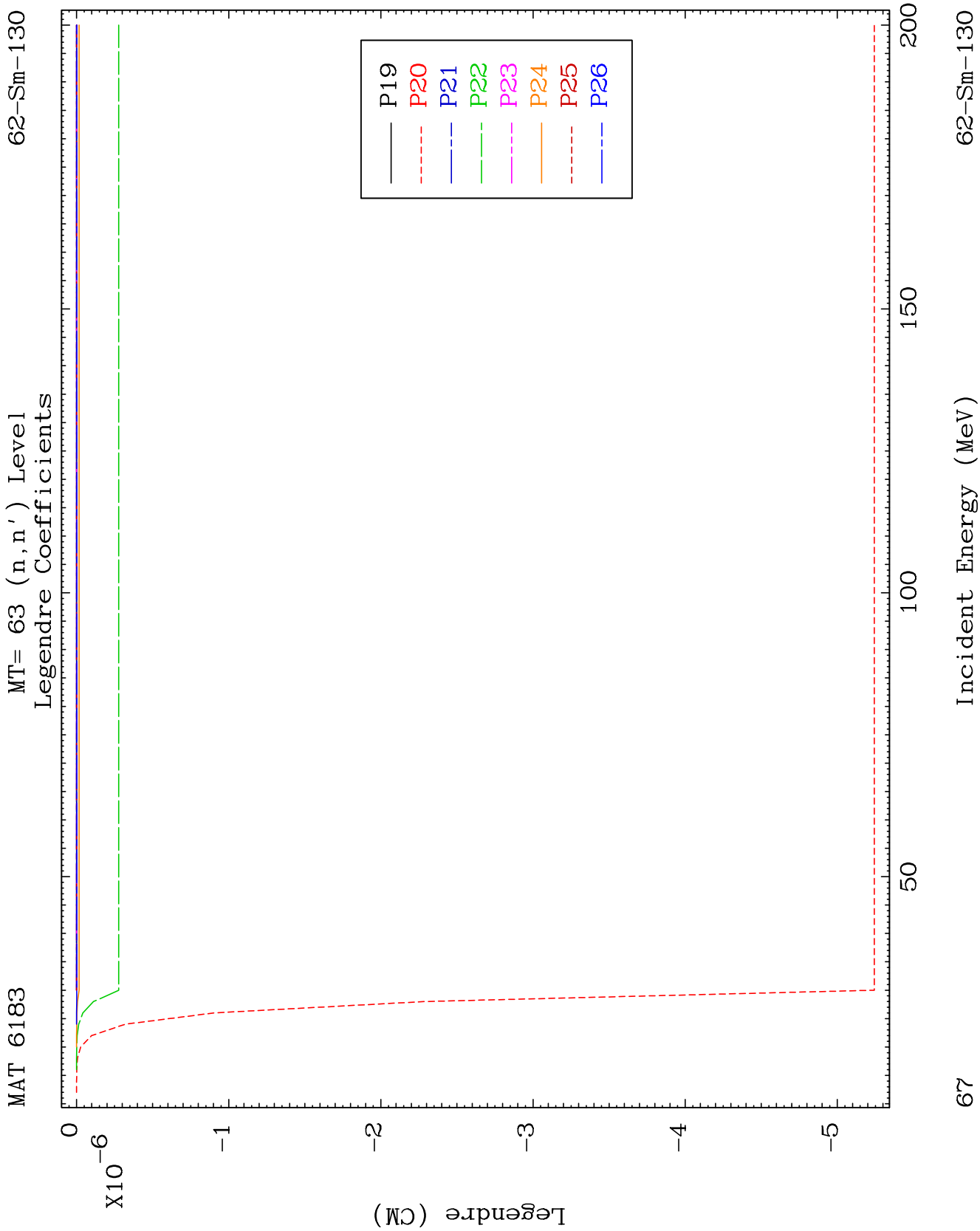


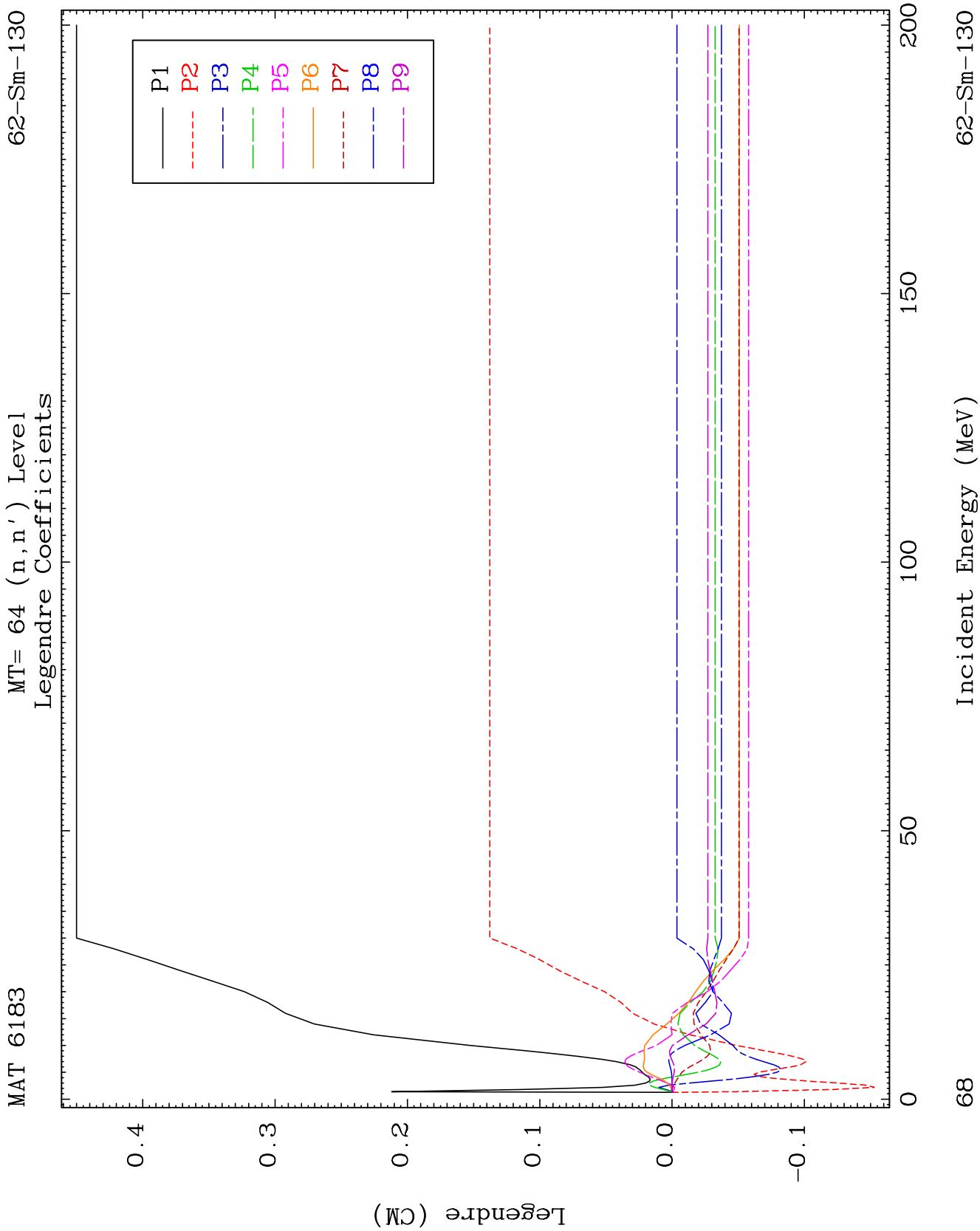


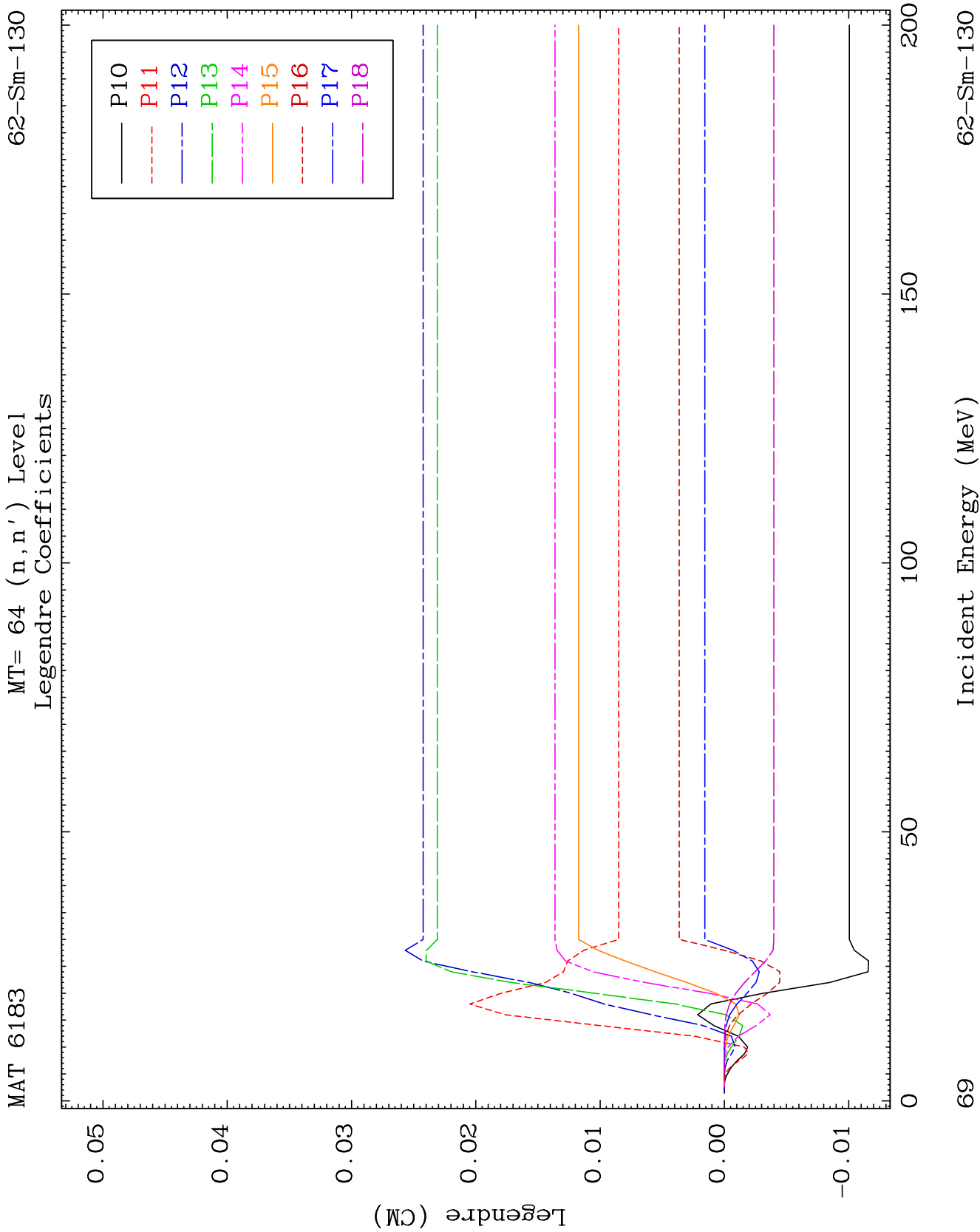


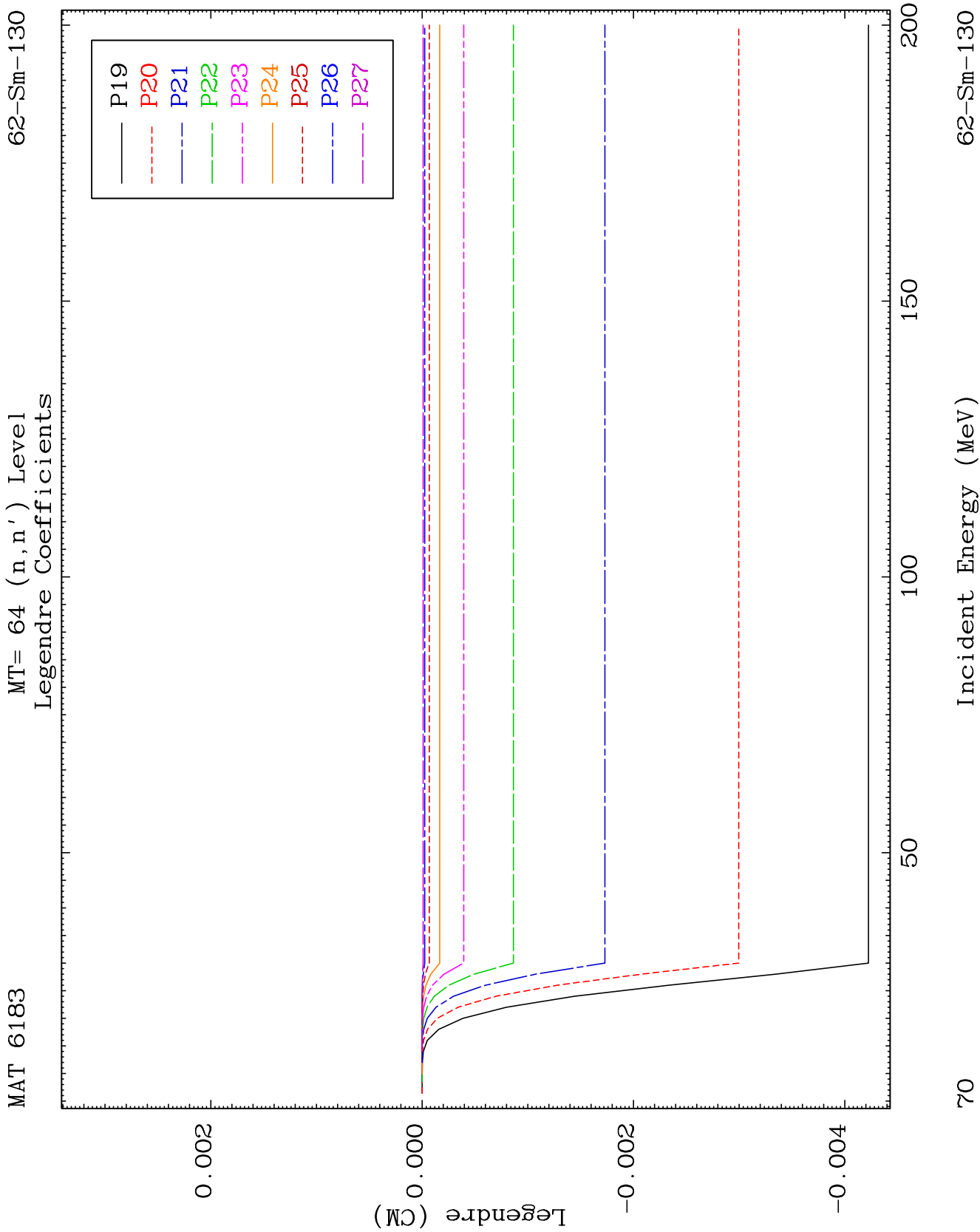


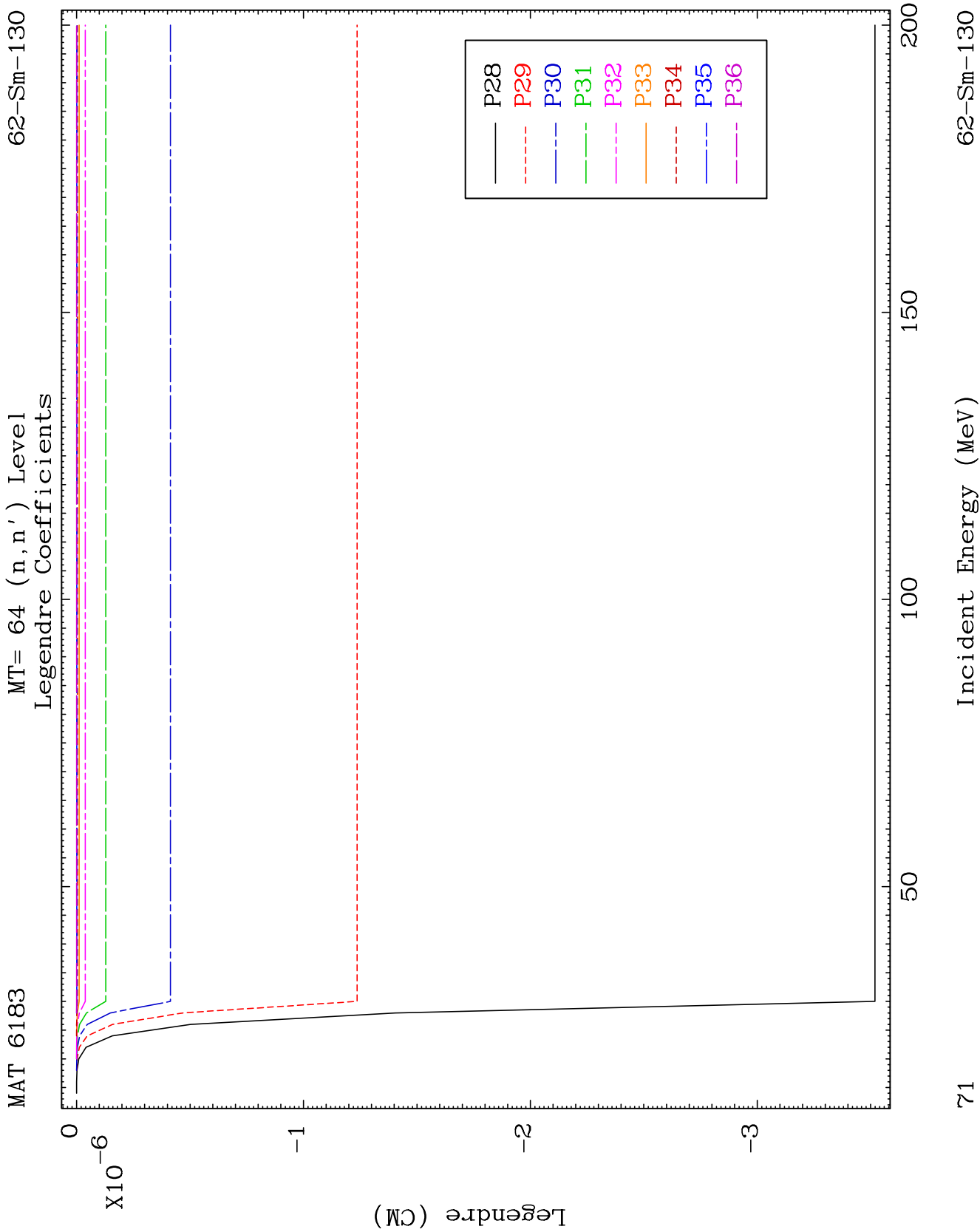








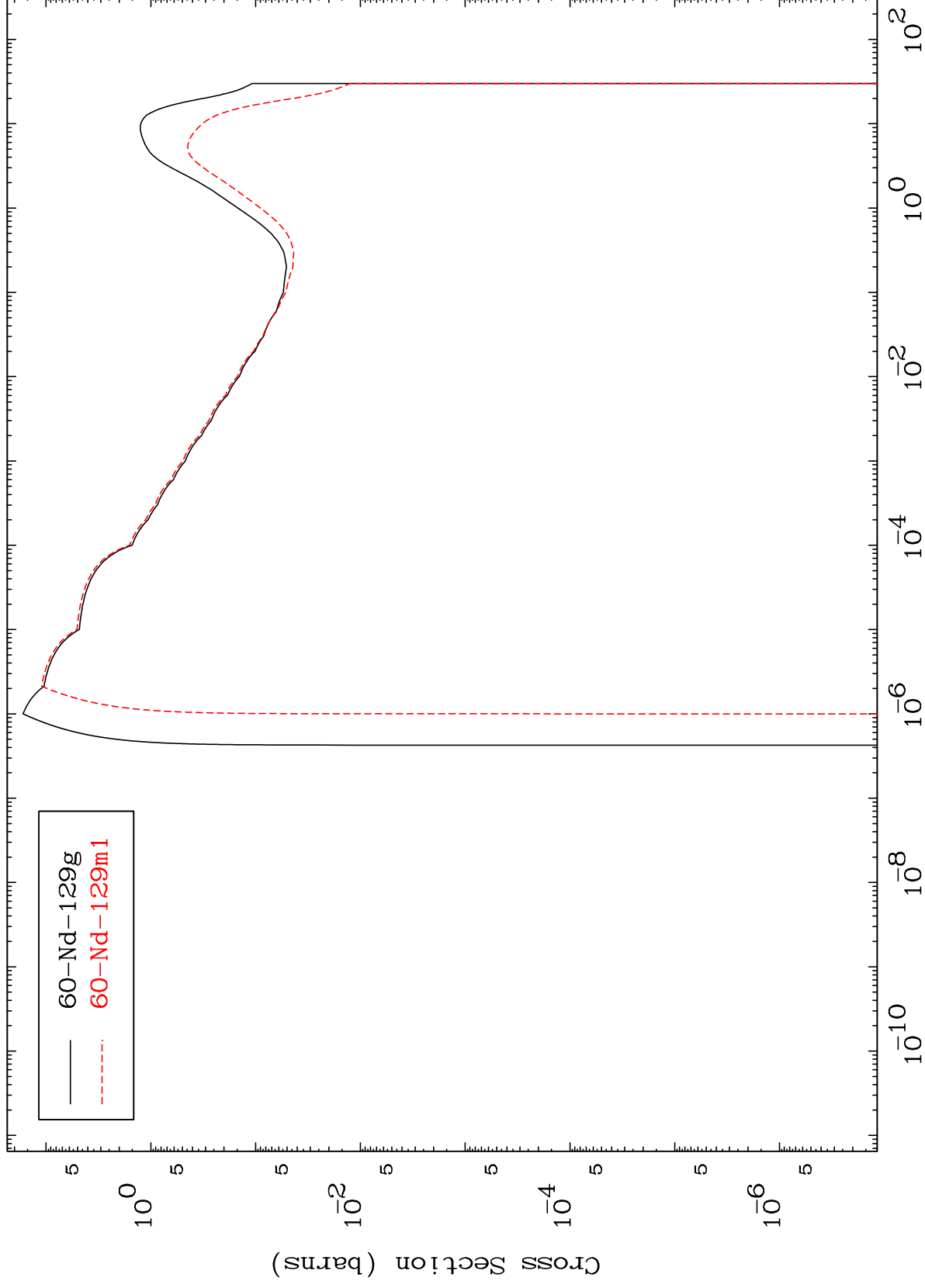




MAT 6183

62-Sm-130

(n,2p)
Radionuclide Production Cross Section



62-Sm-130

Incident Energy (MeV)

72