

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

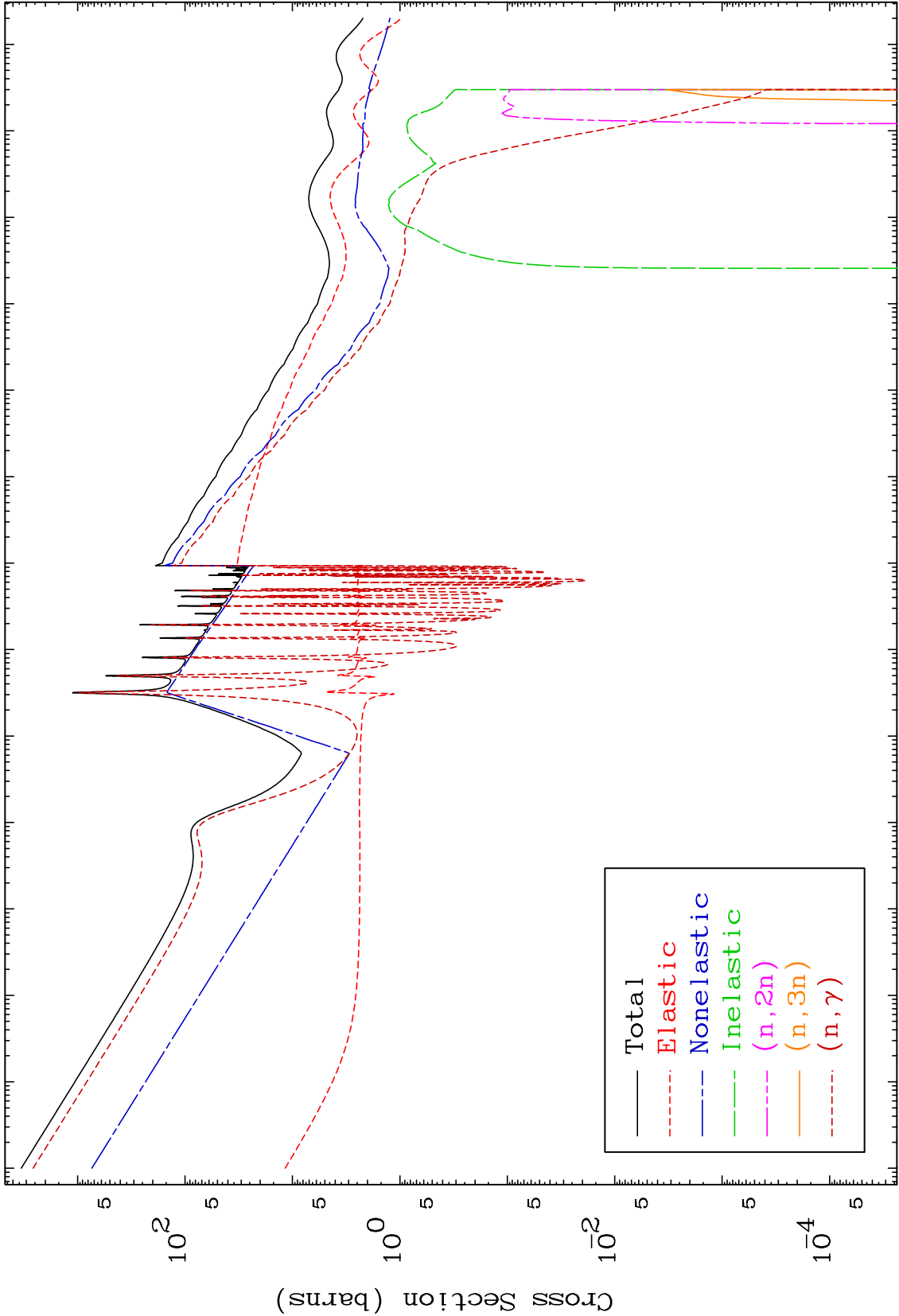
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

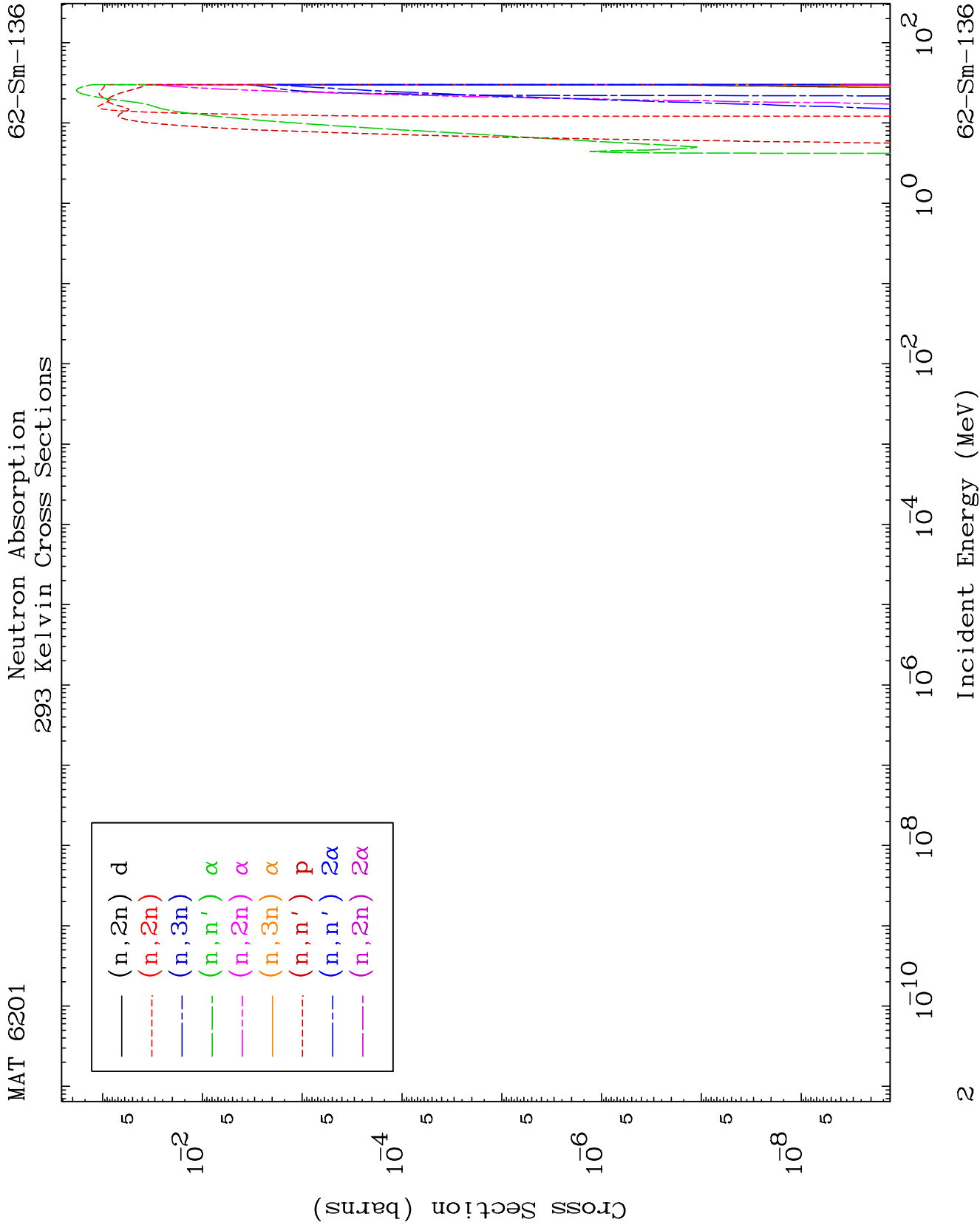
Press Mouse Button to Start

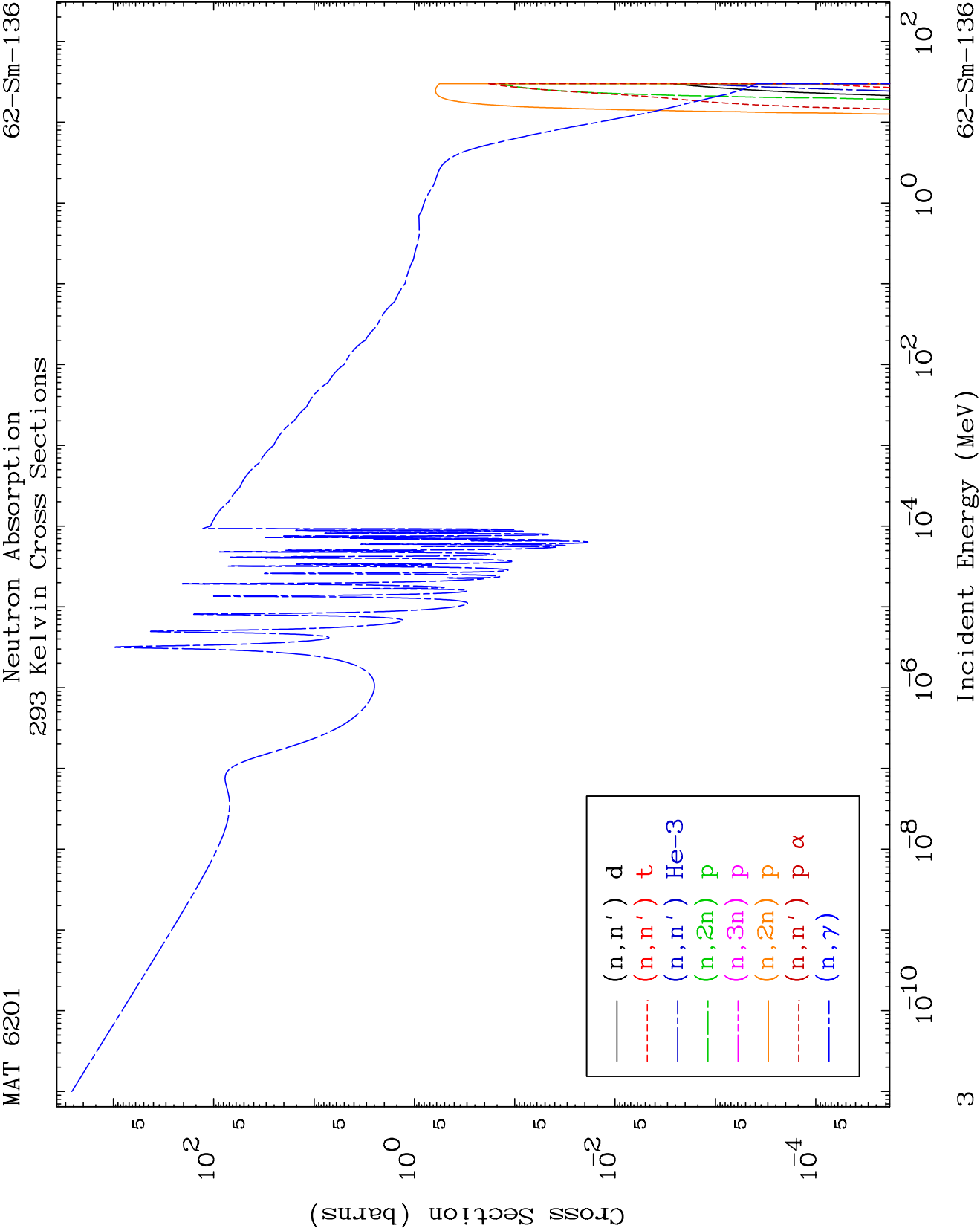
MAT 6201

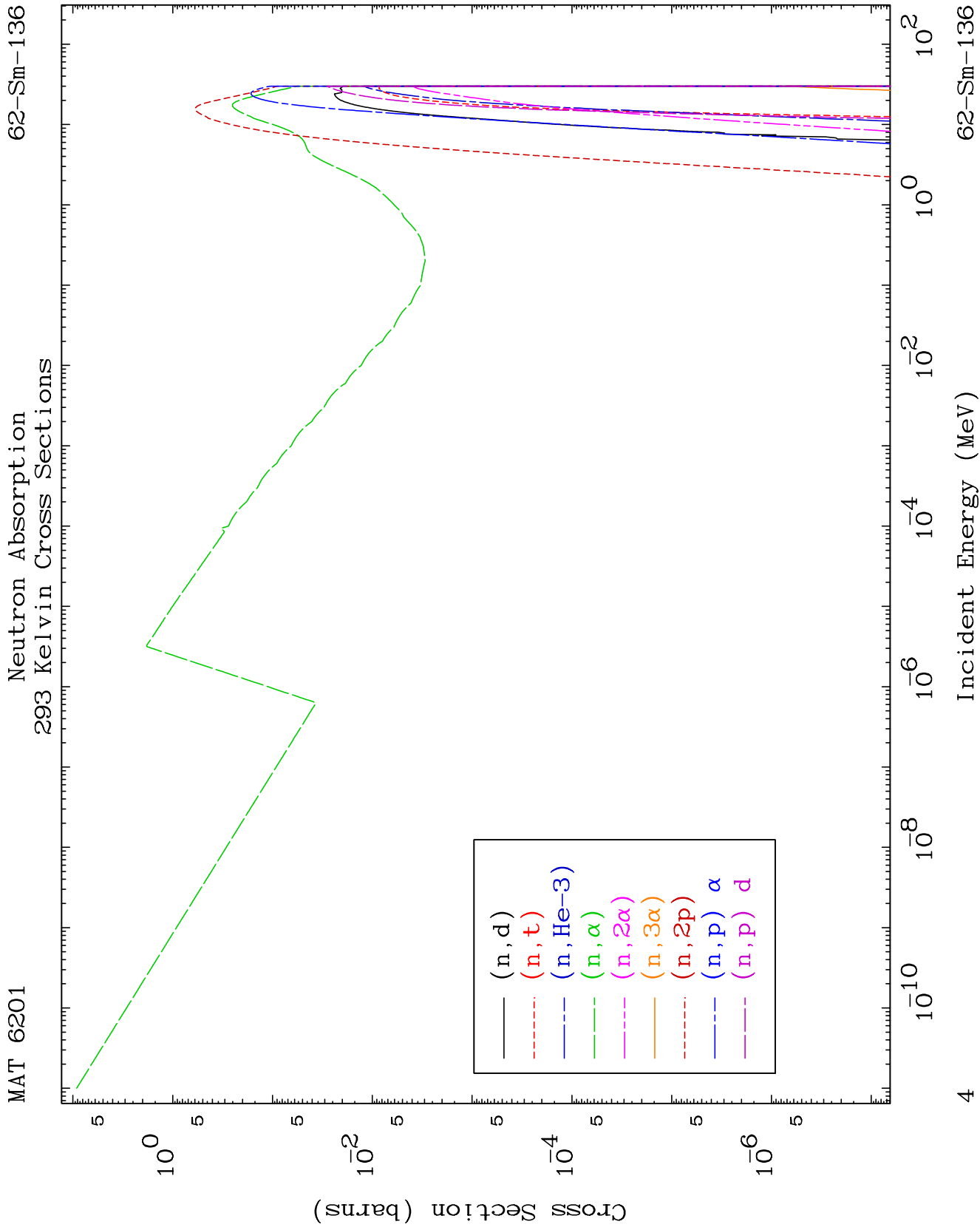
Neutron Major
293 Kelvin Cross Sections

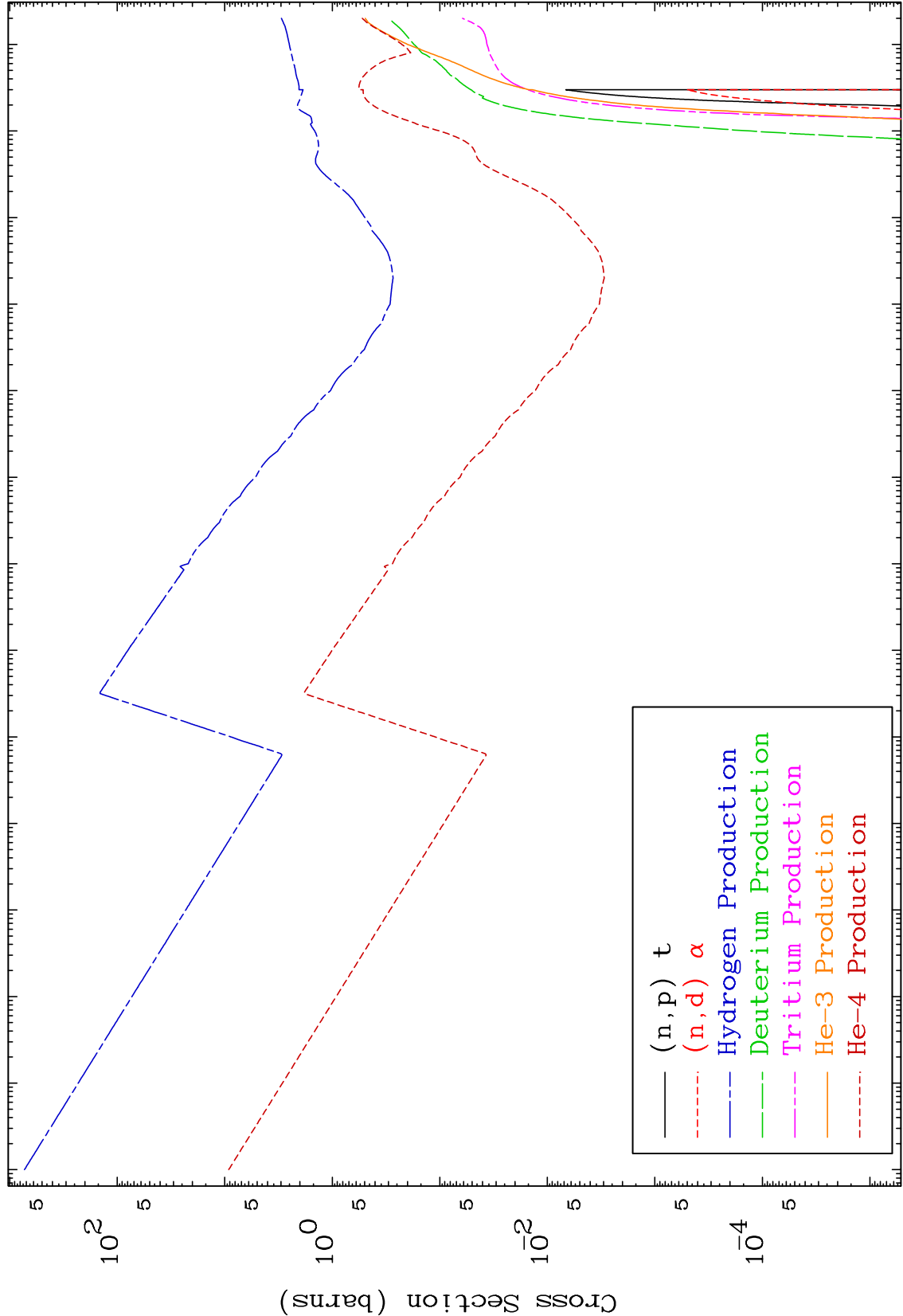
62-Sm-136

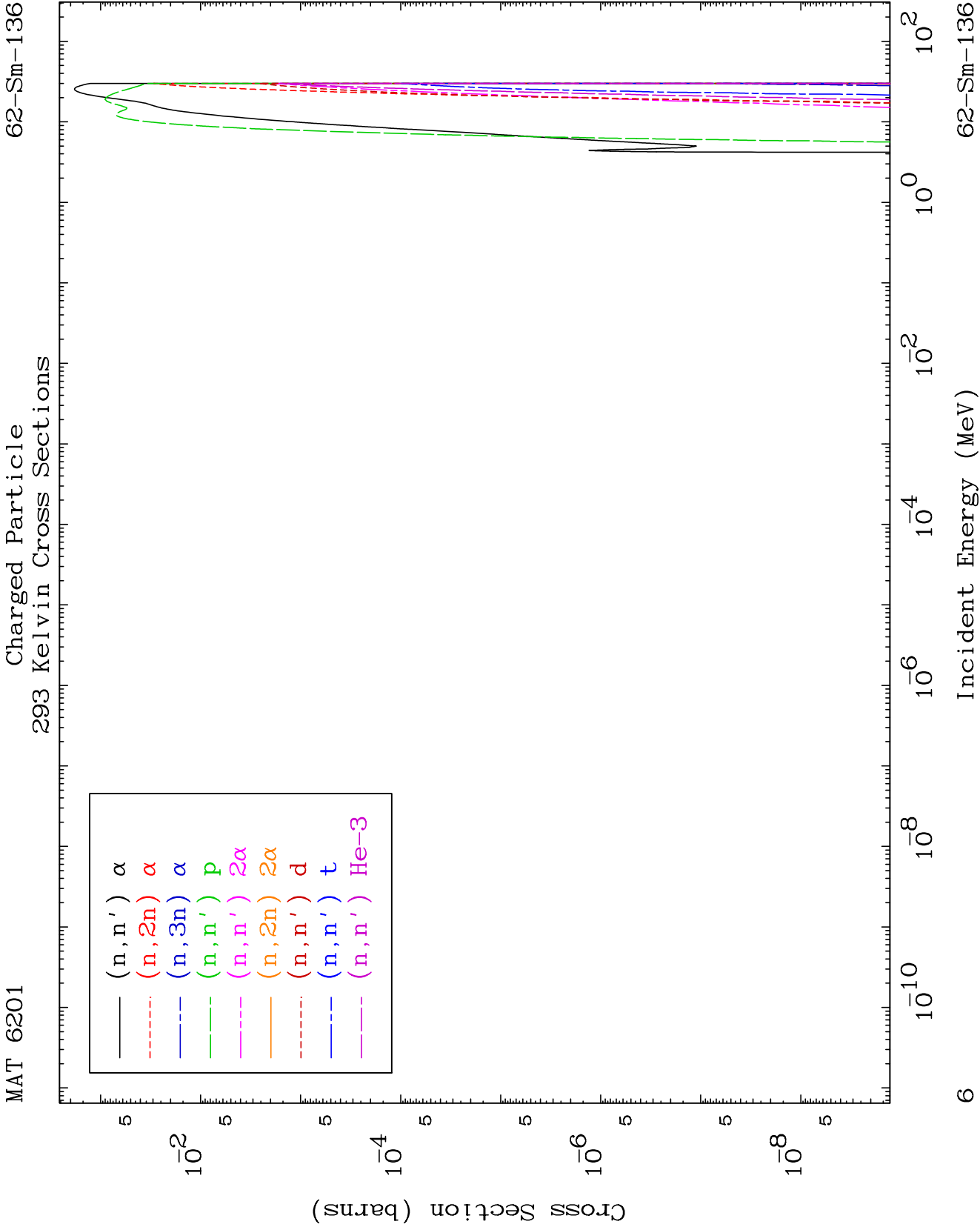


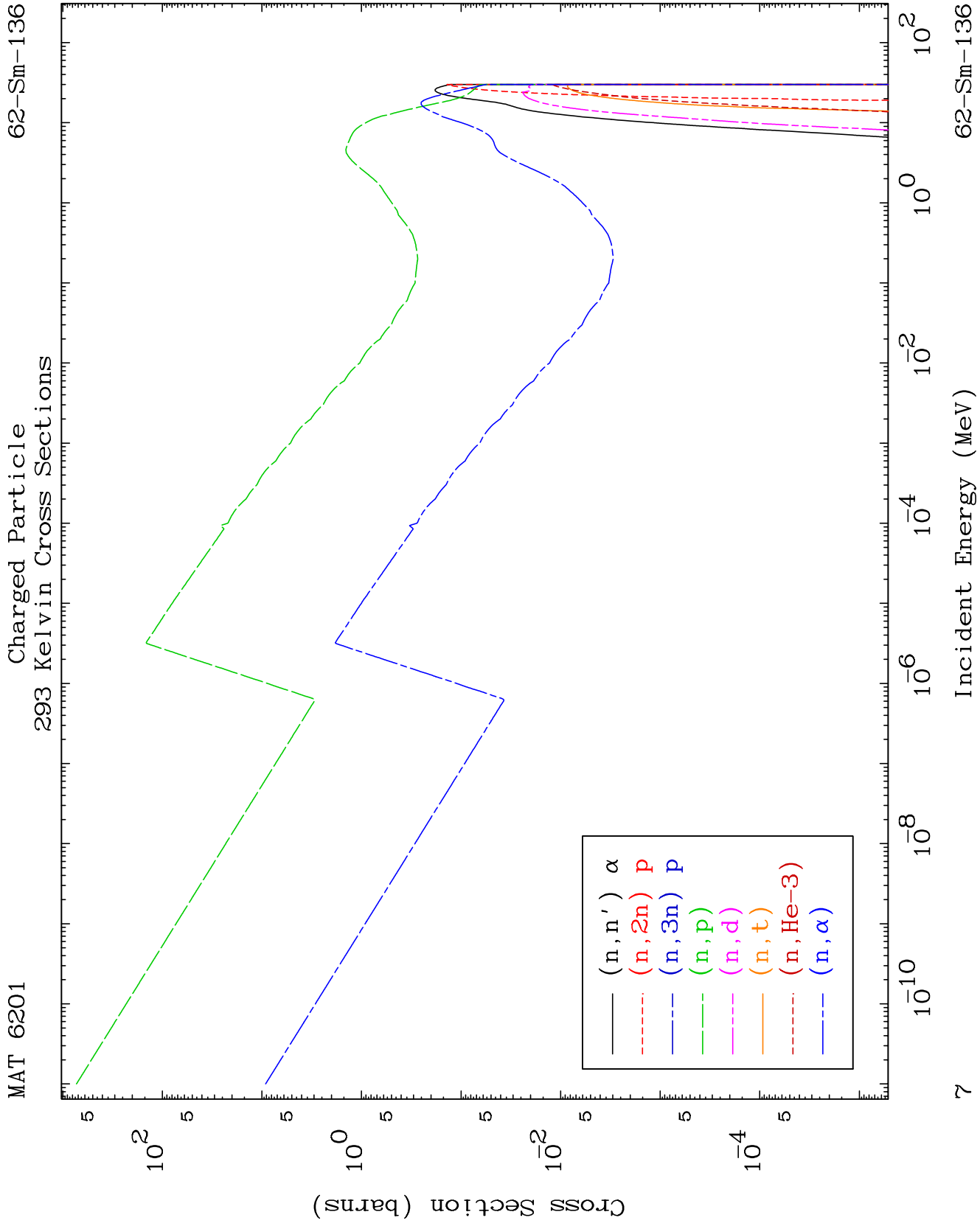


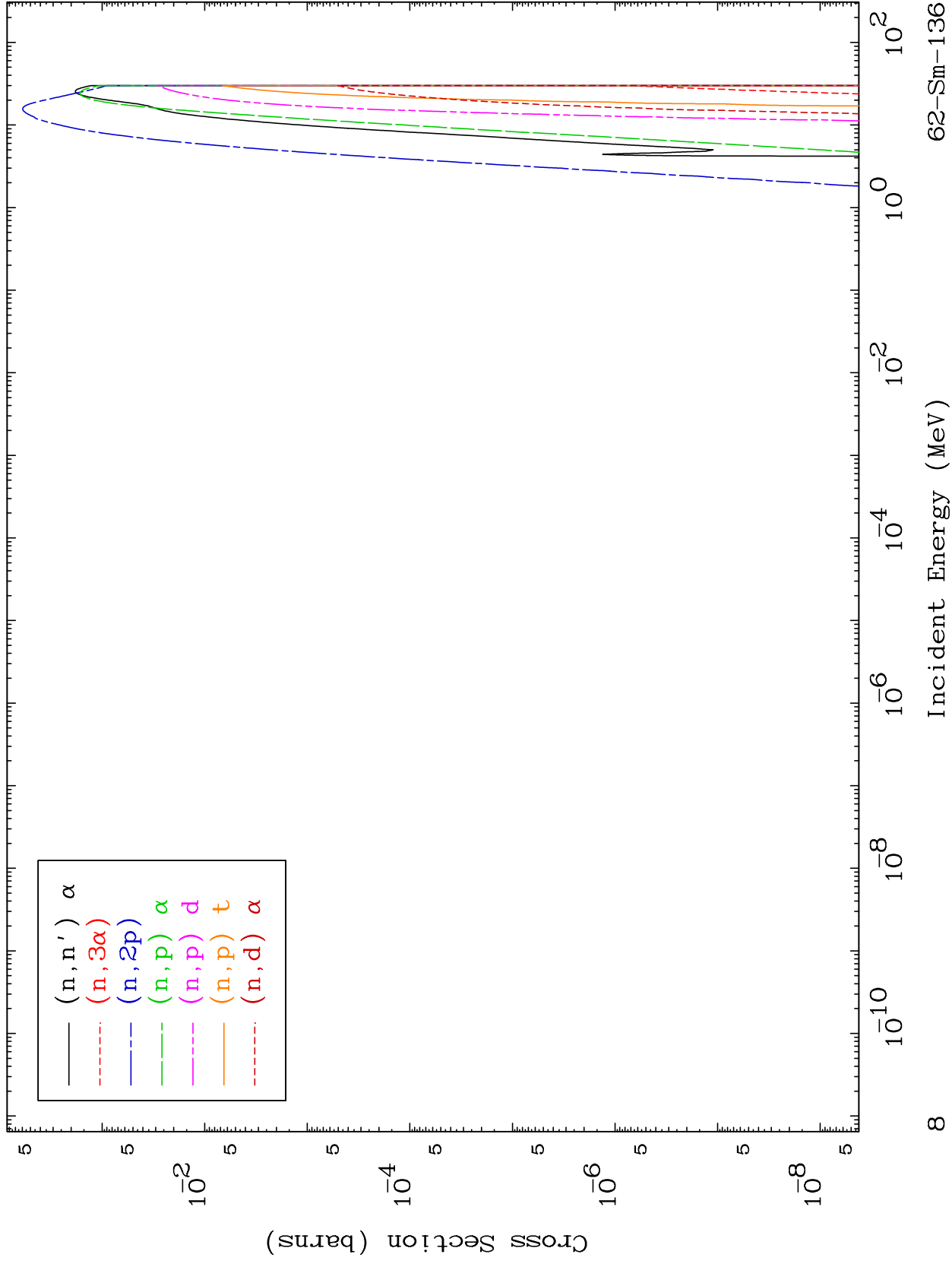


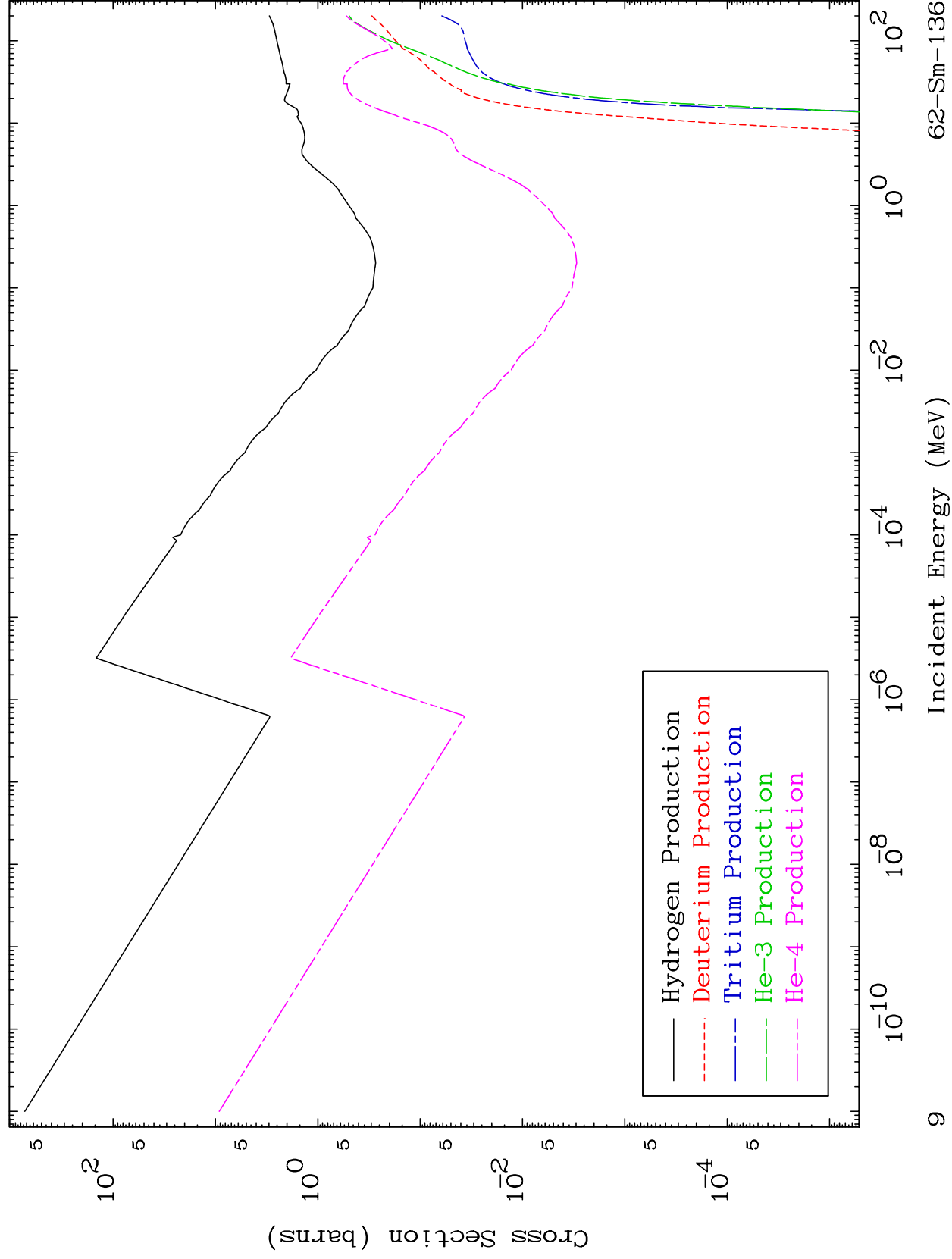










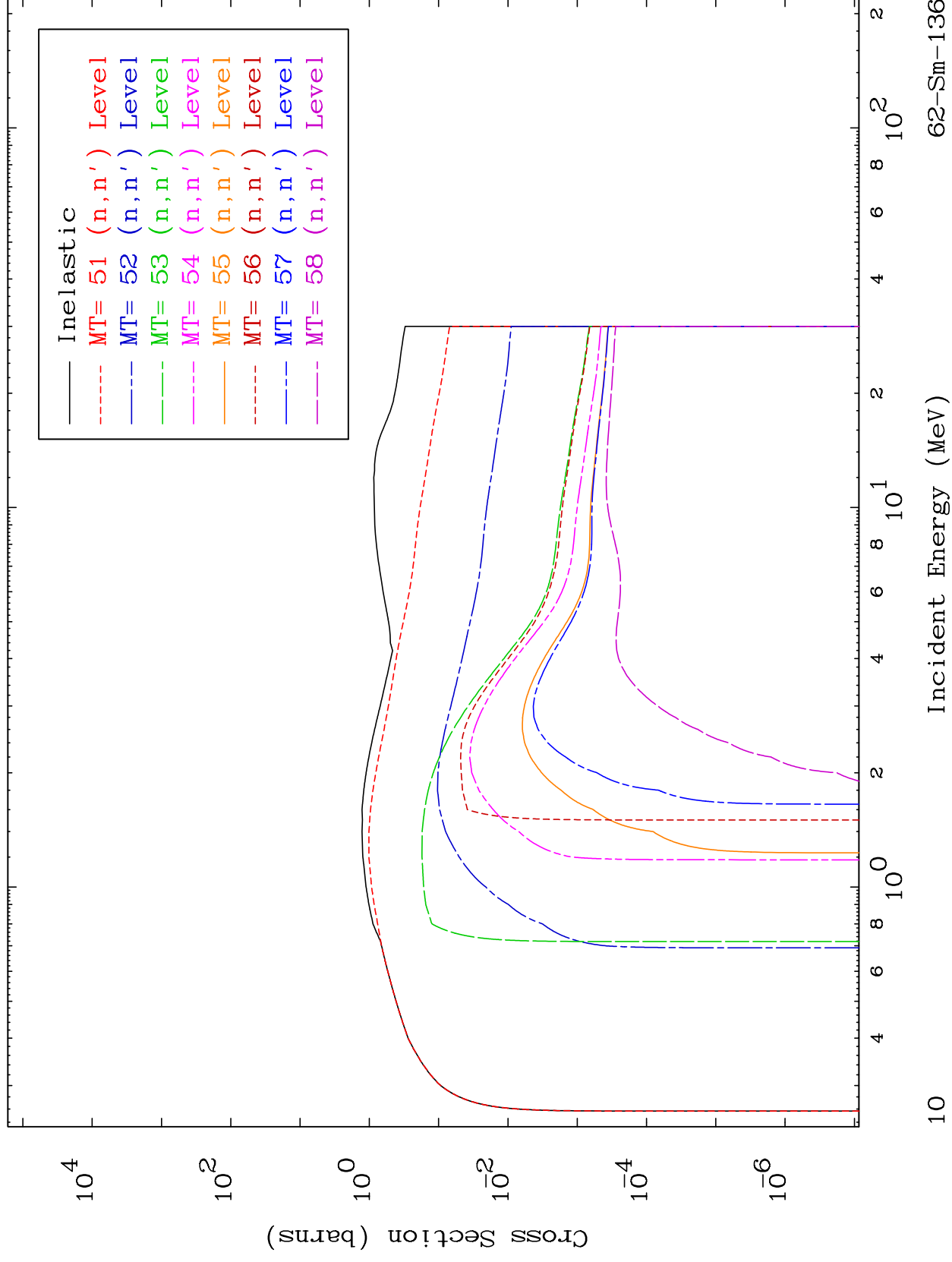


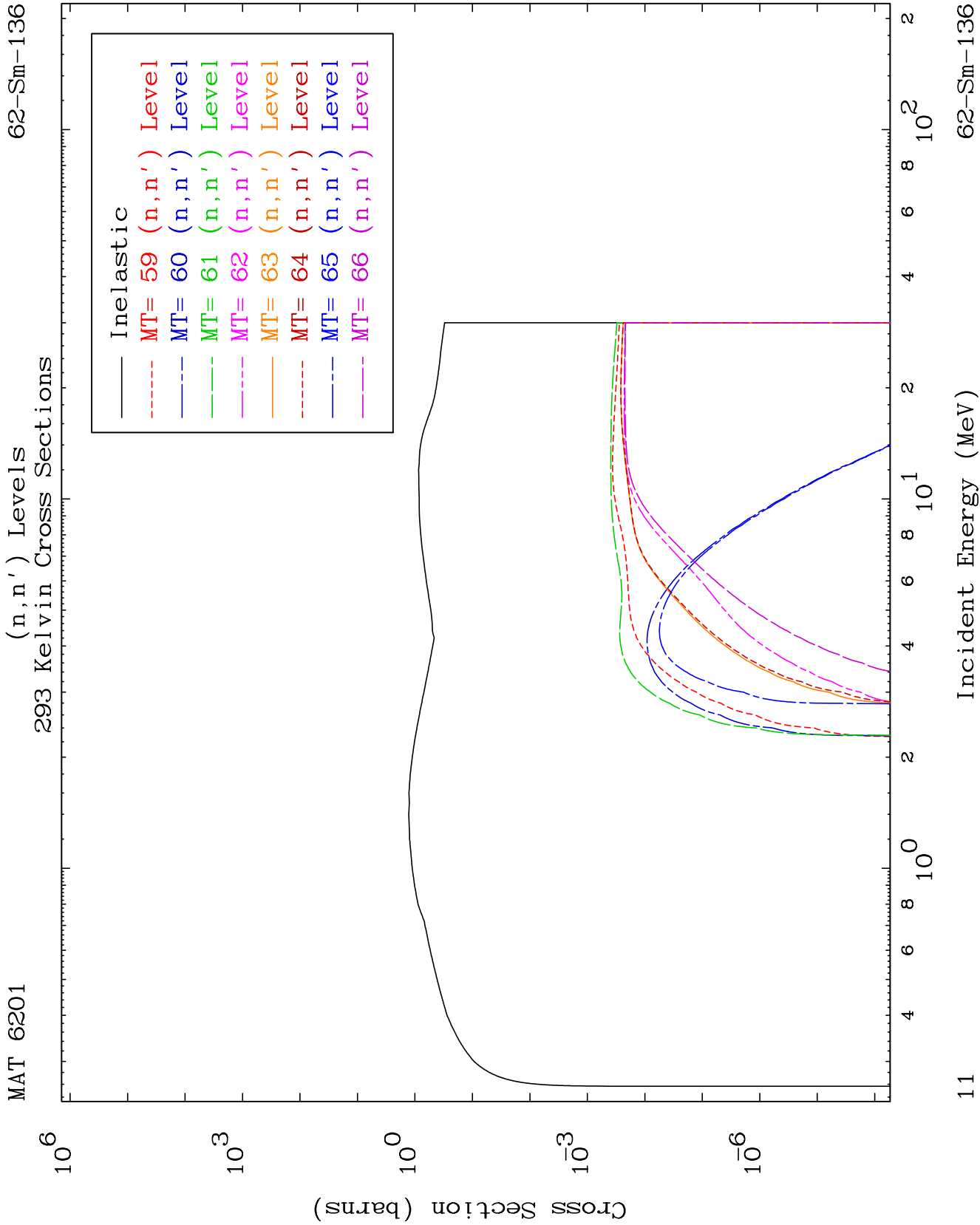
MAT 6201

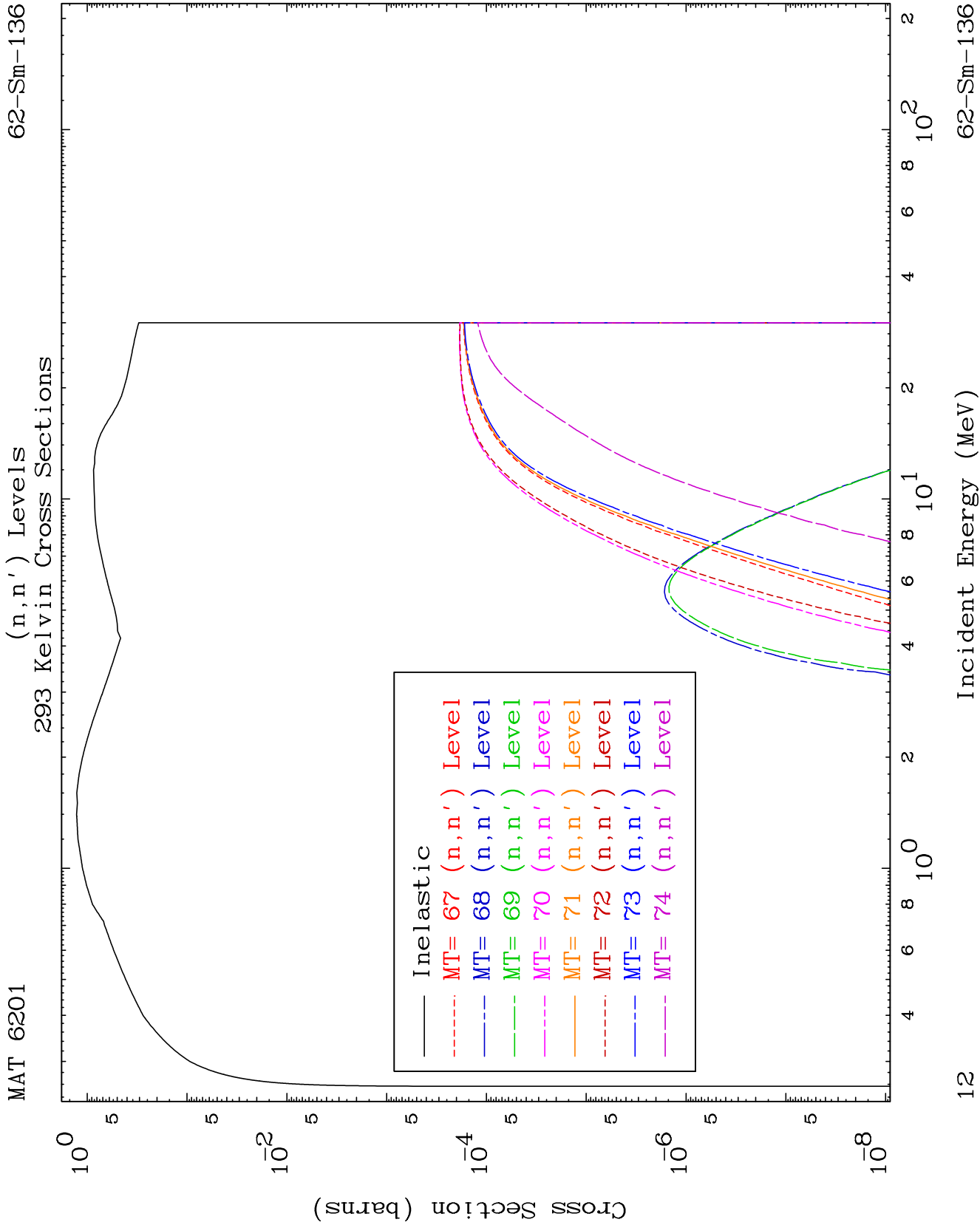
(n,n') Levels

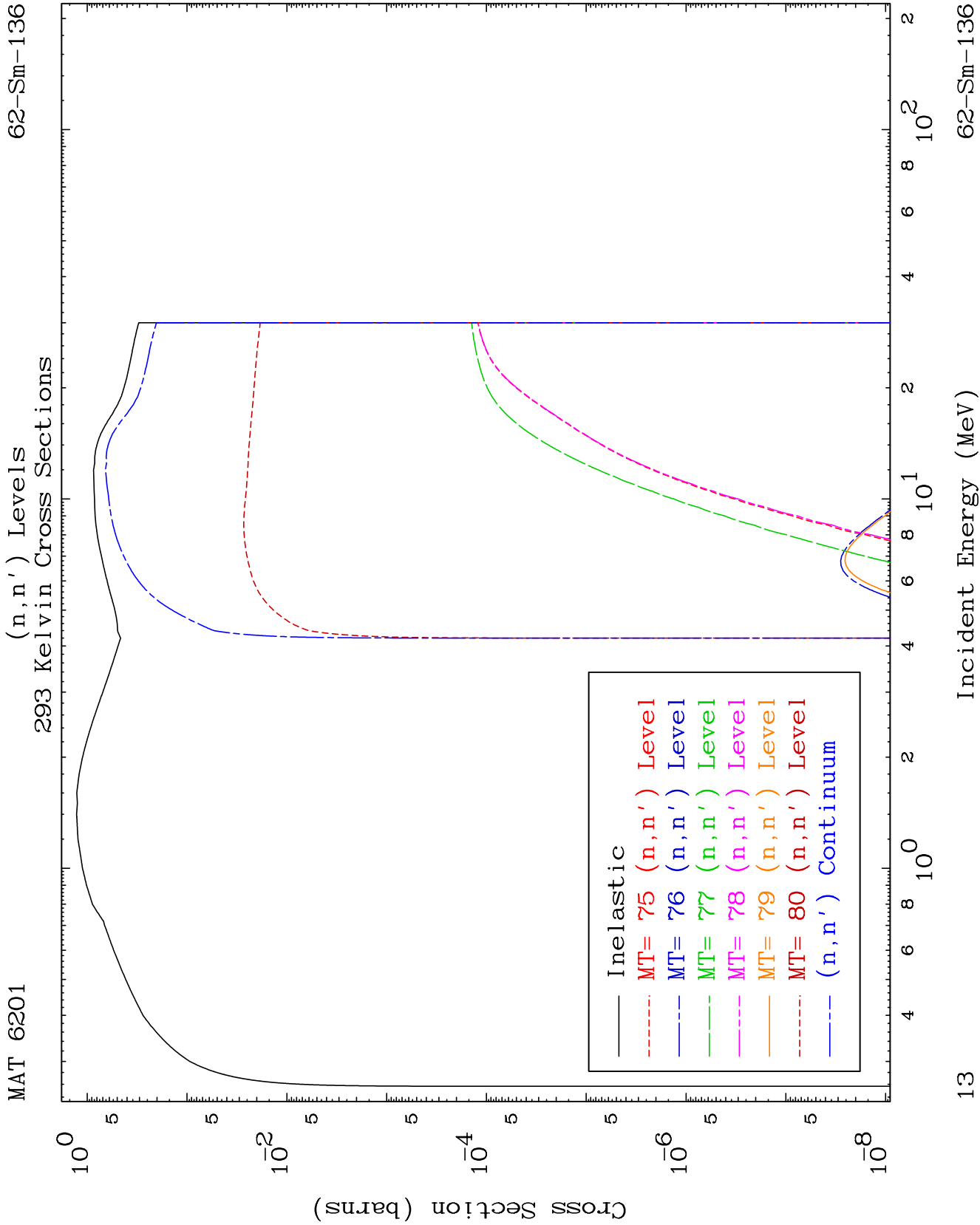
62-Sm-136

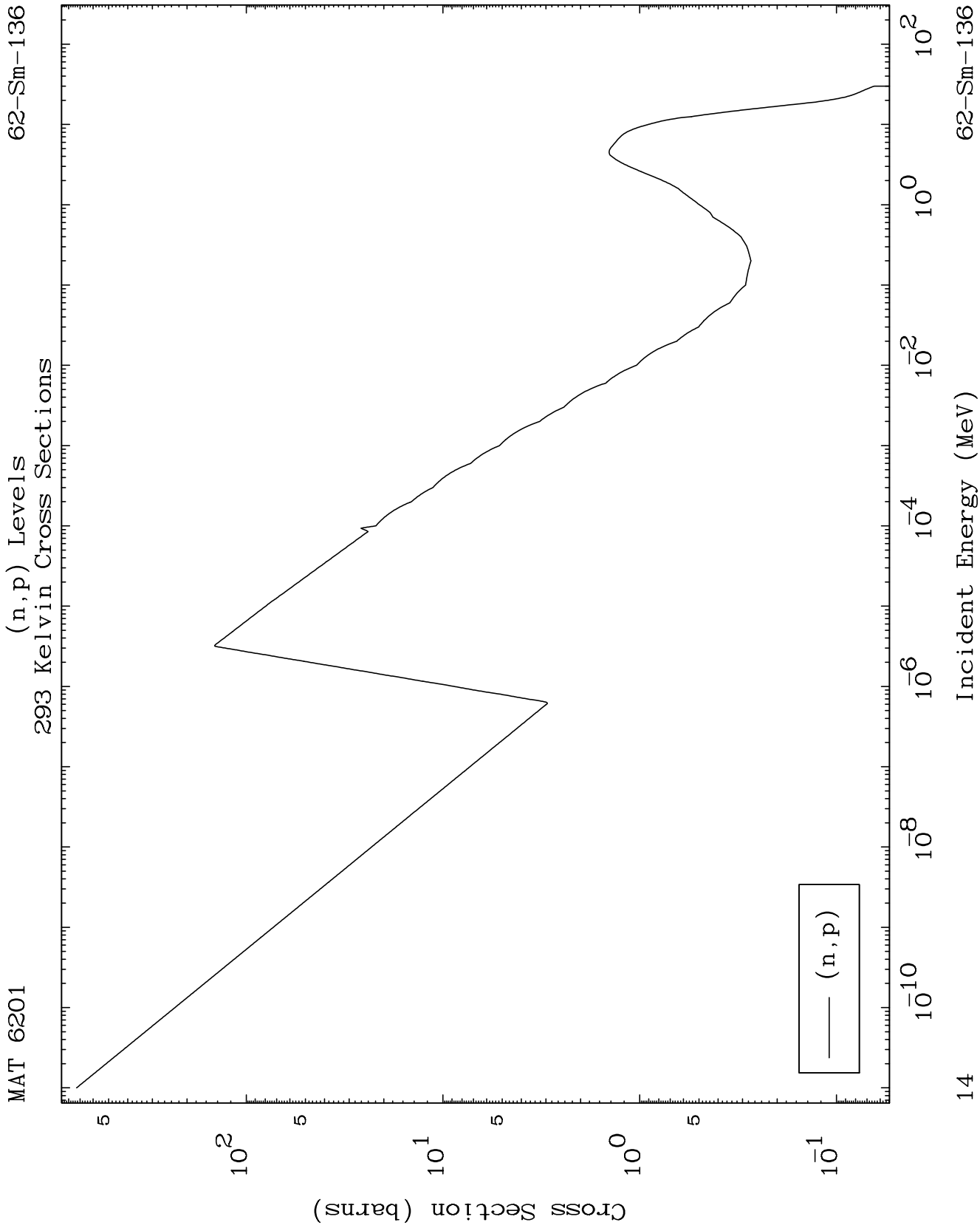
293 Kelvin Cross Sections







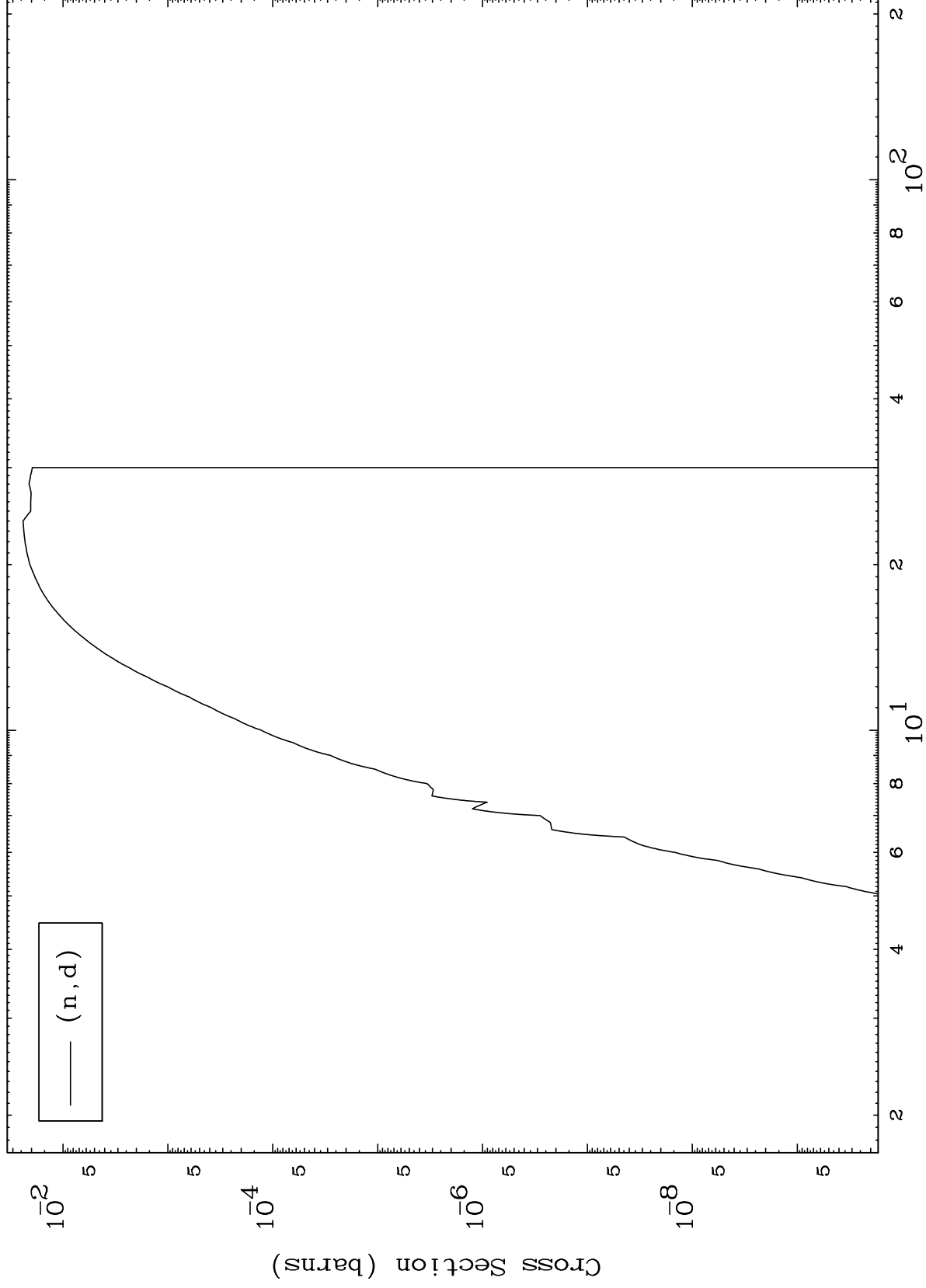




MAT 6201

62-Sm-136

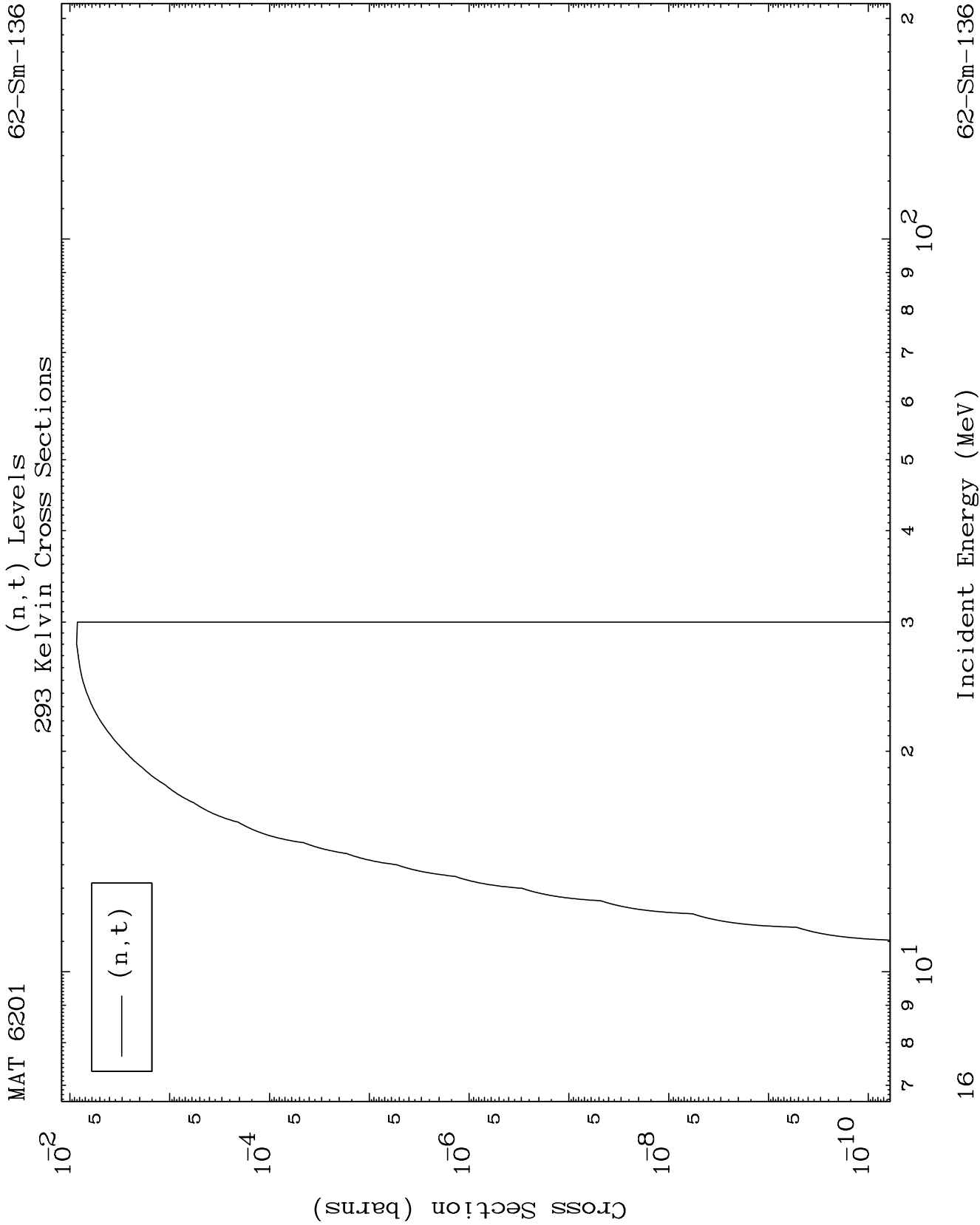
(n,d) Levels
293 Kelvin Cross Sections

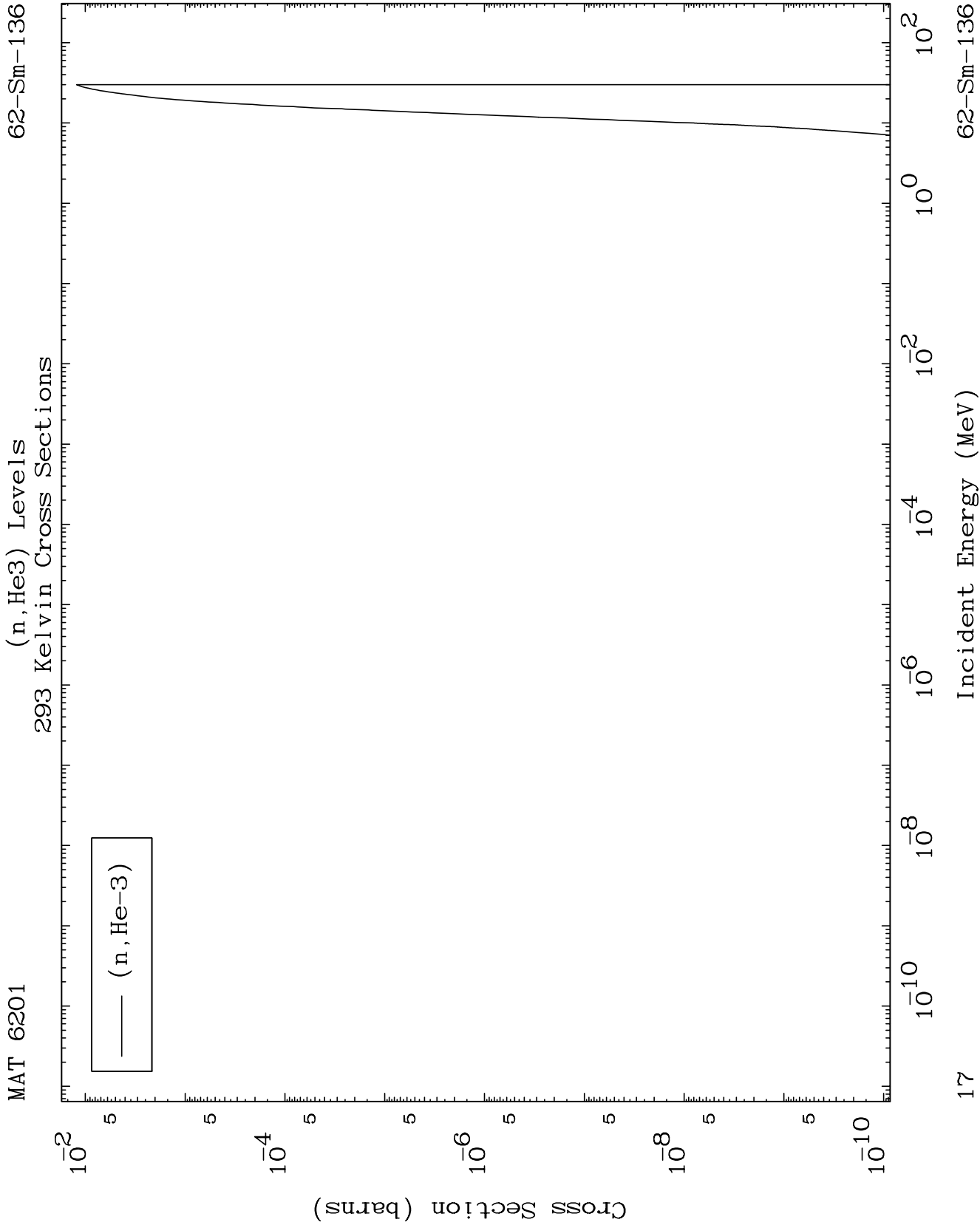


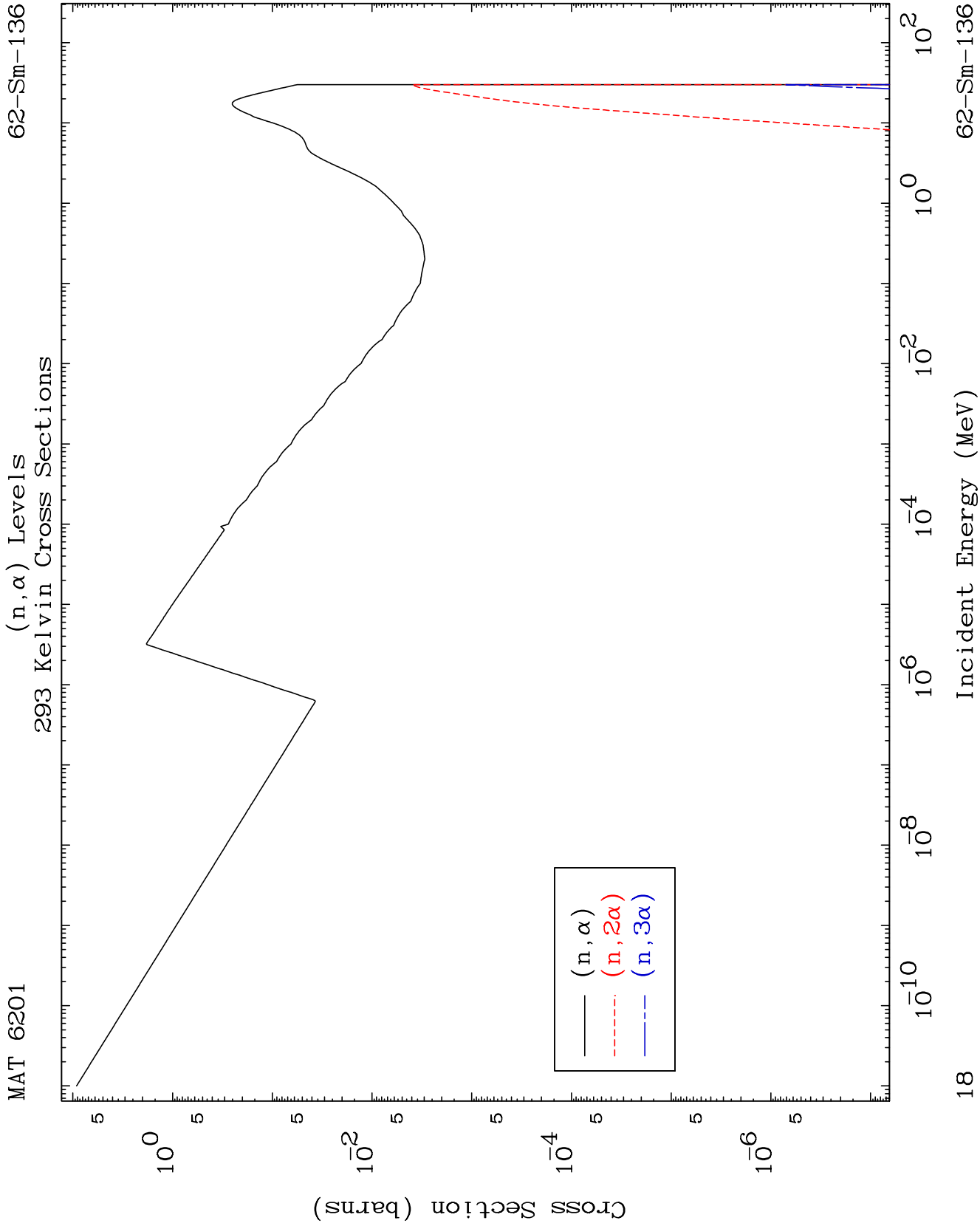
62-Sm-136

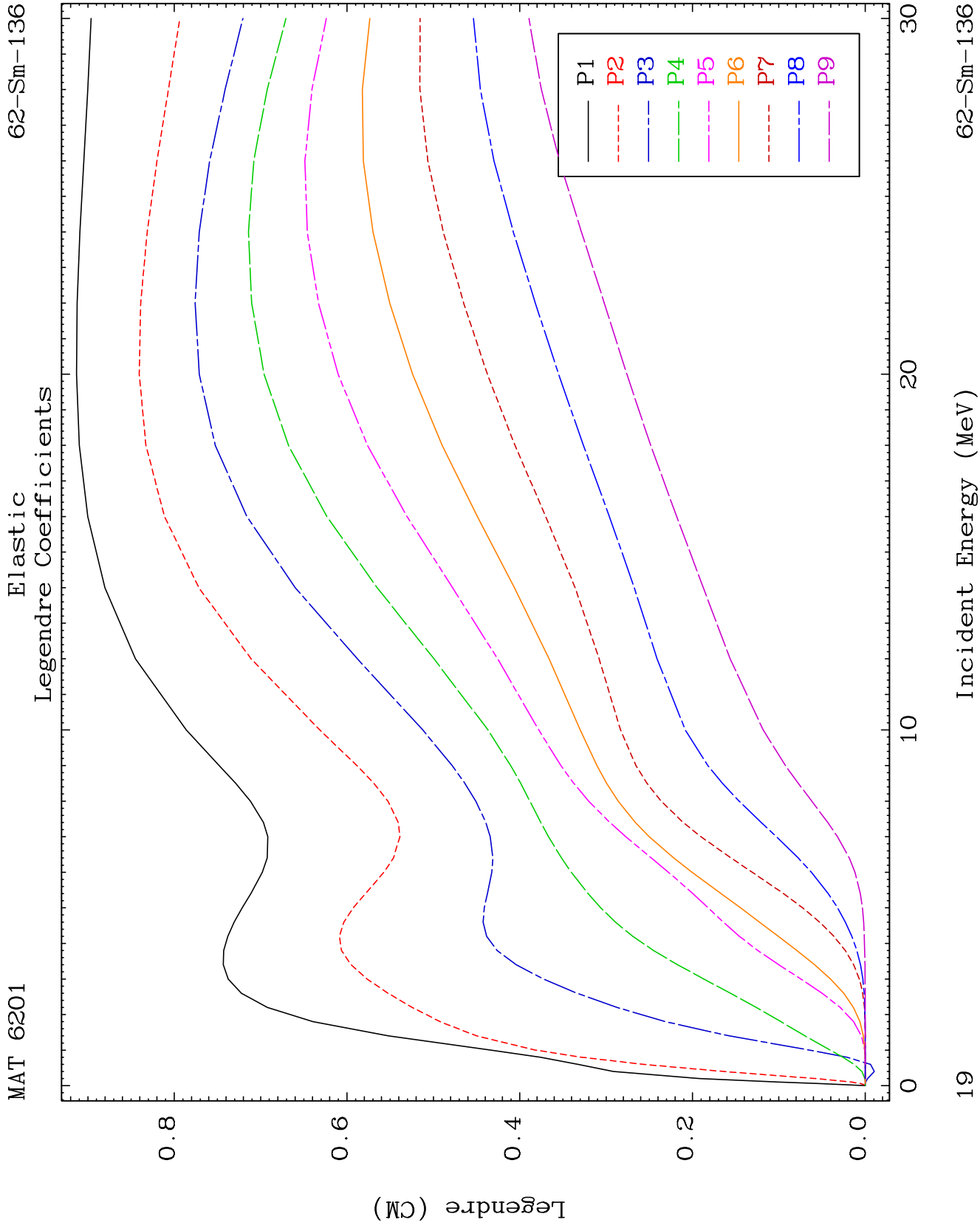
Incident Energy (MeV)

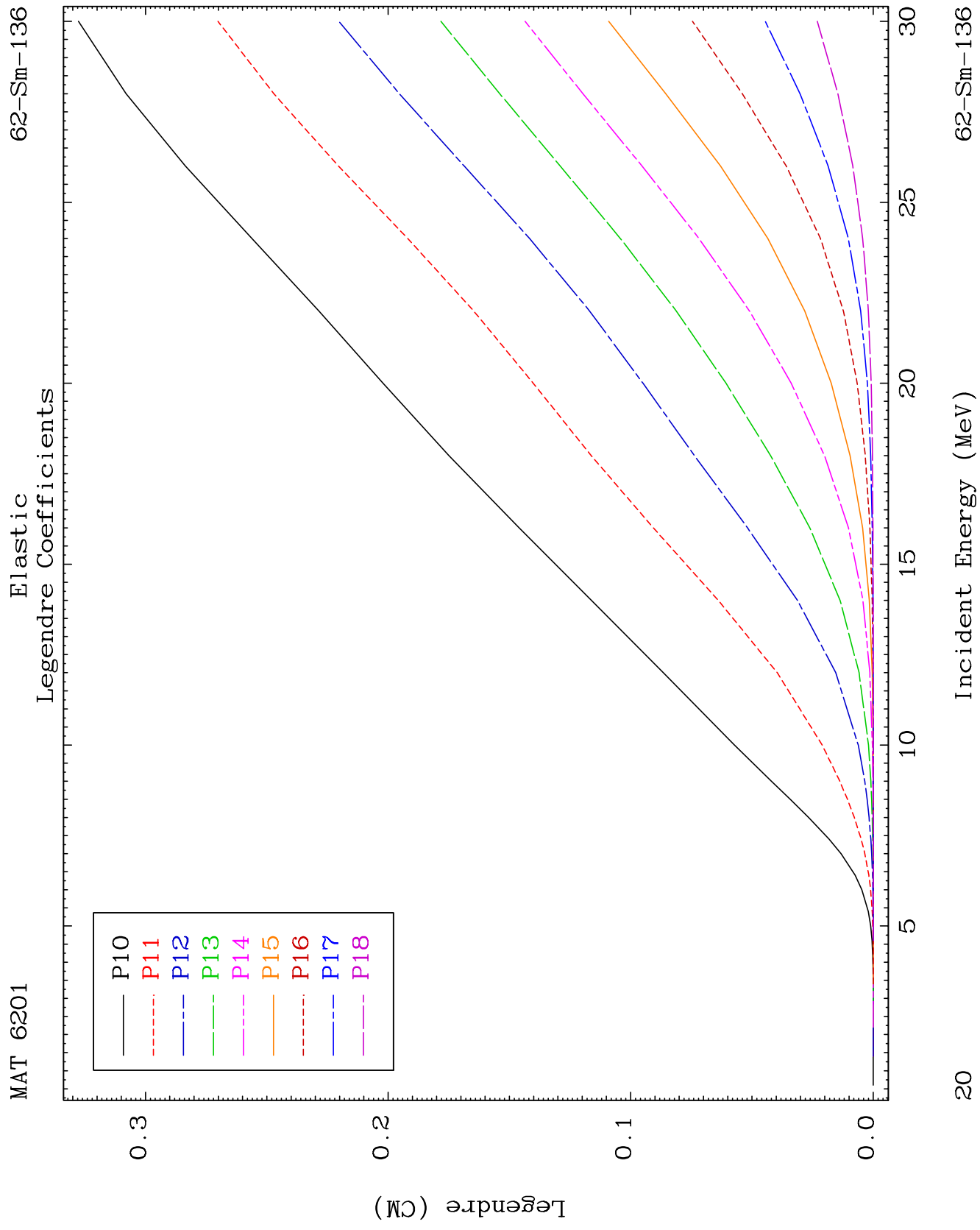
15

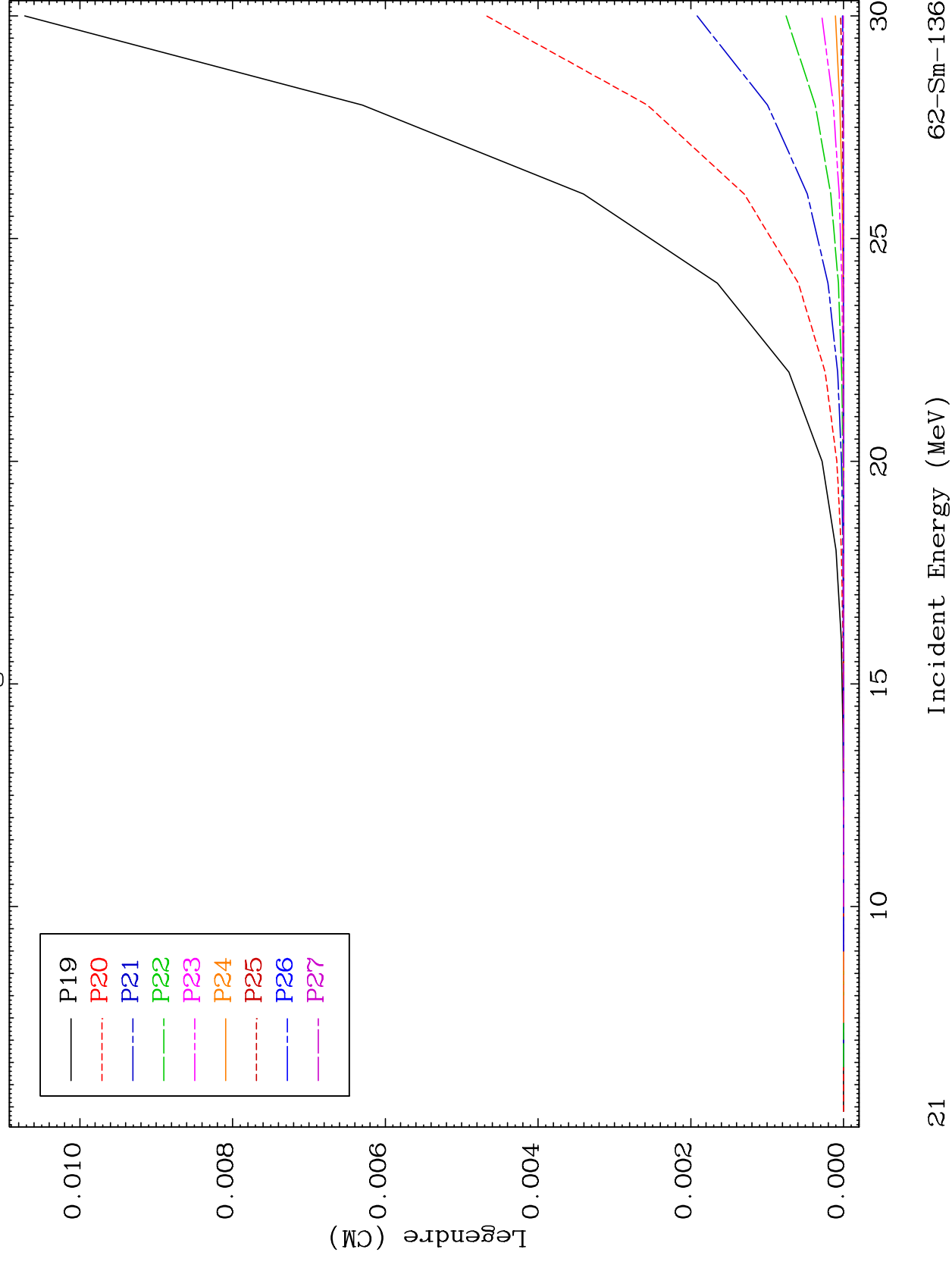


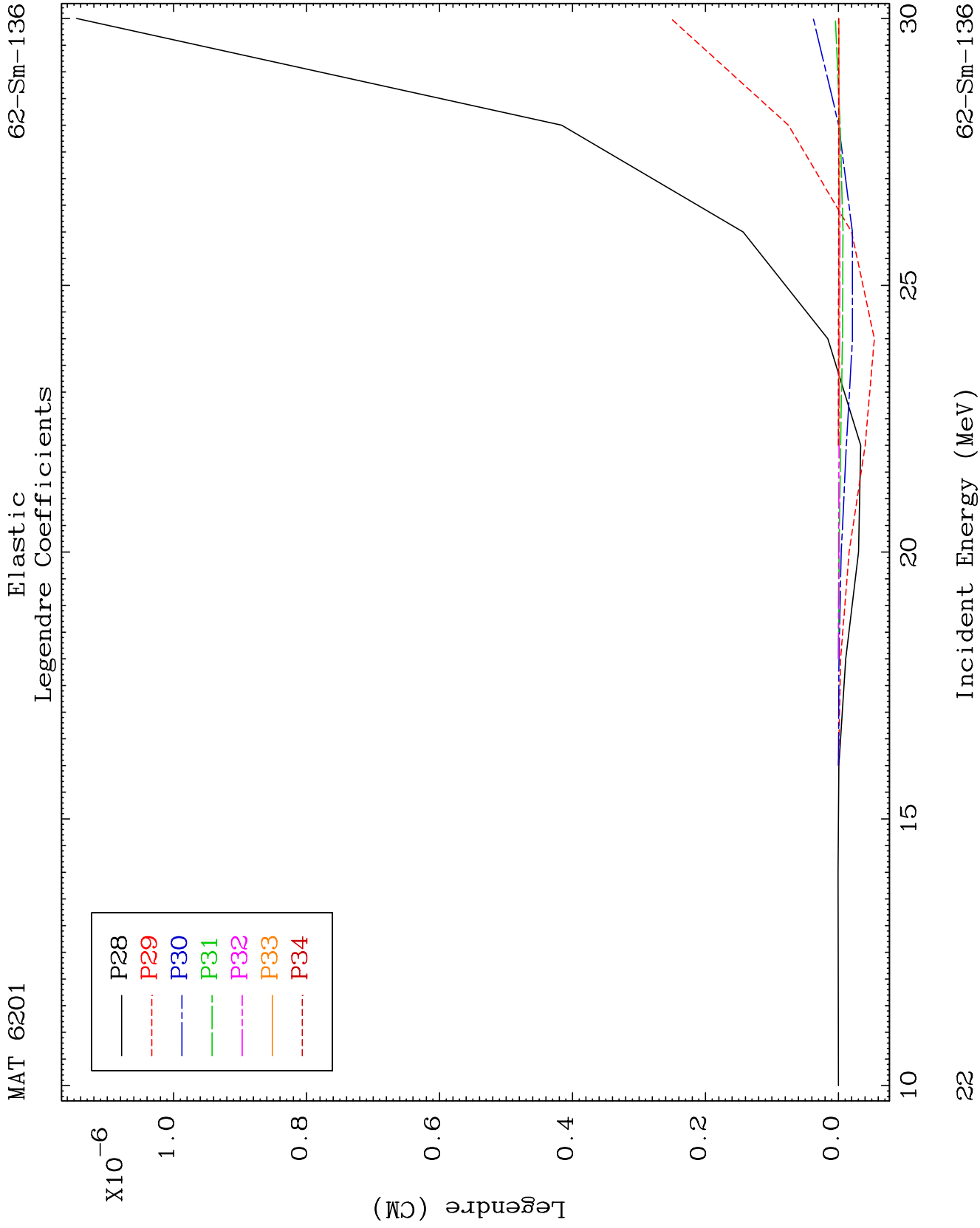


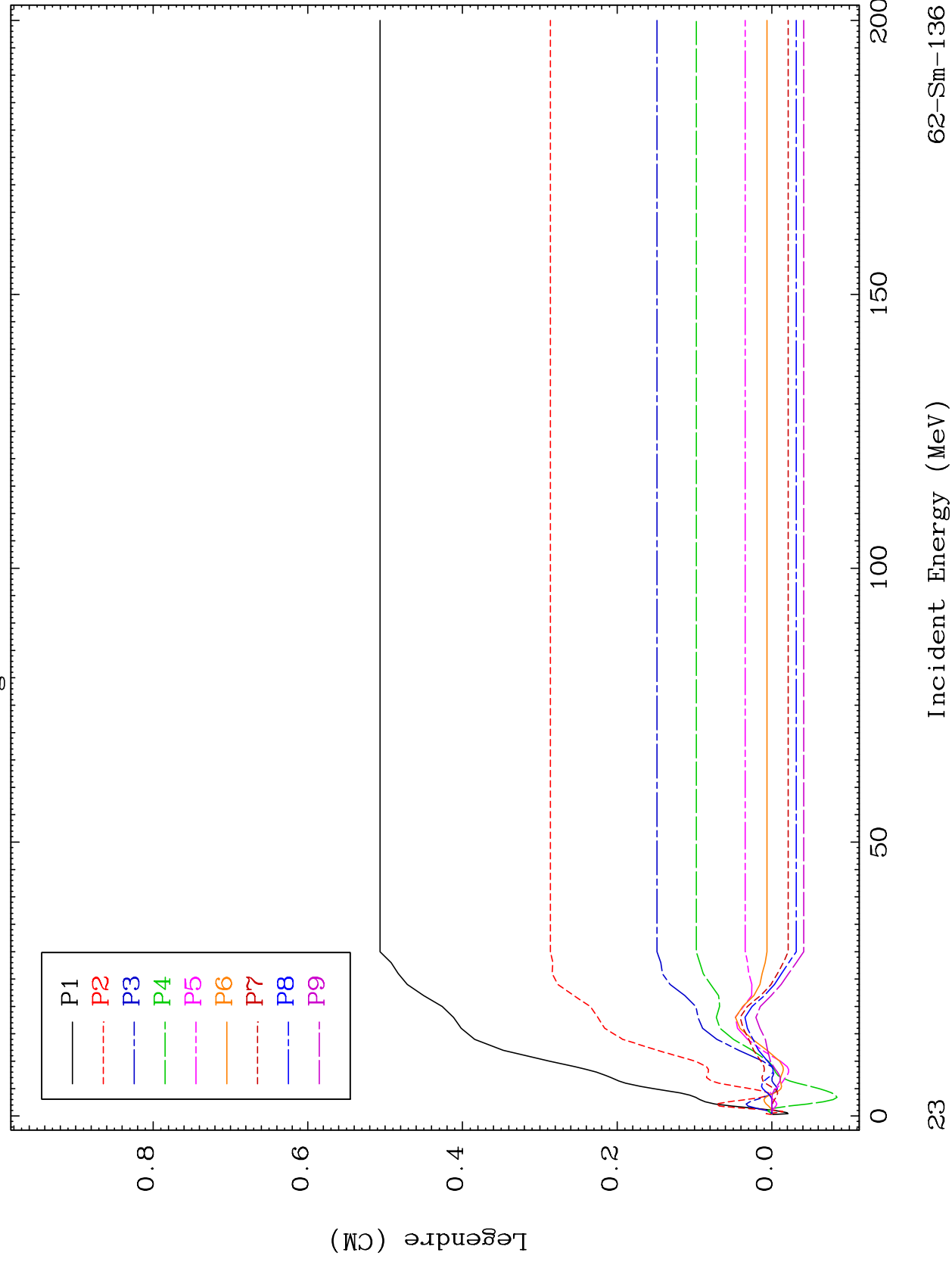


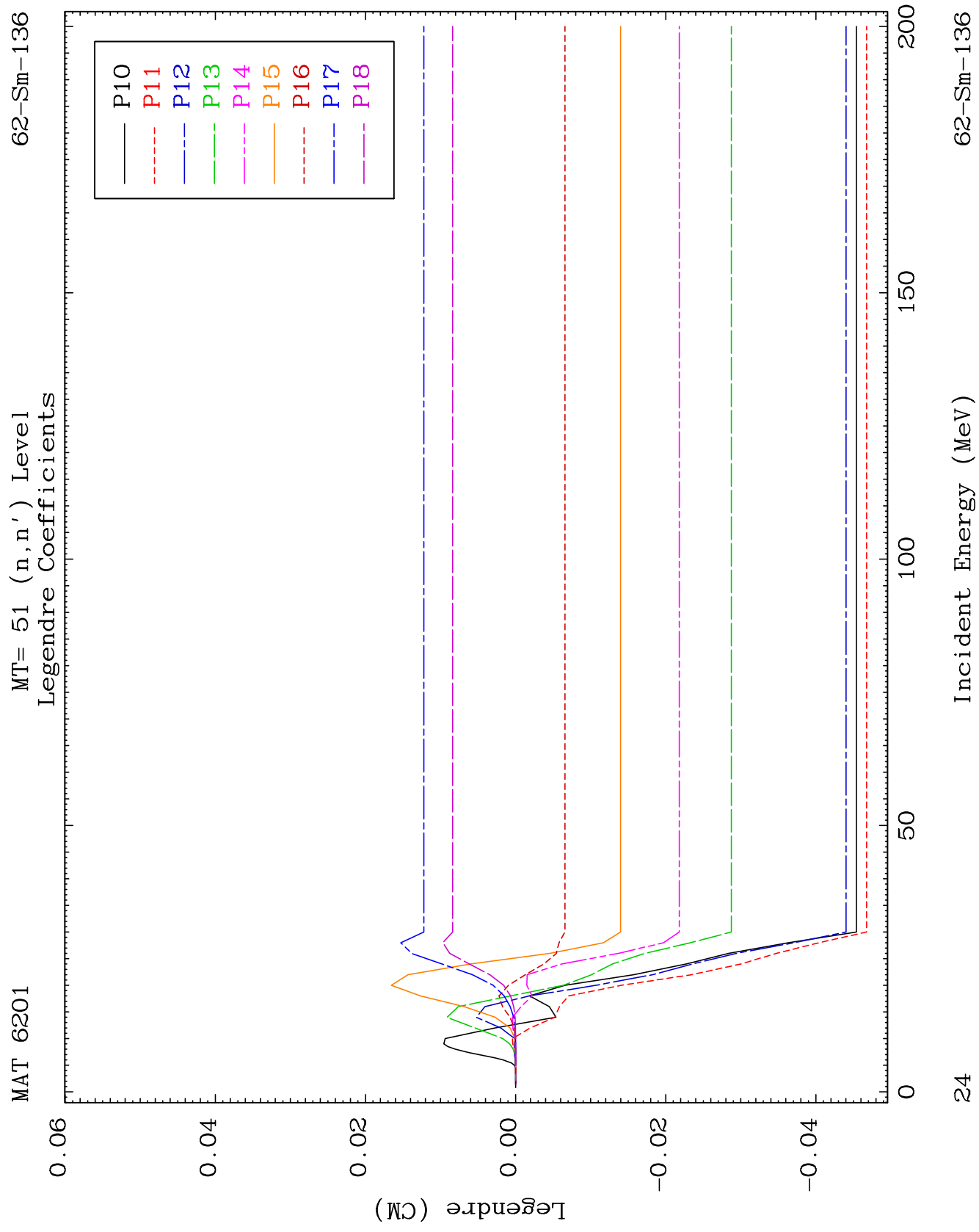








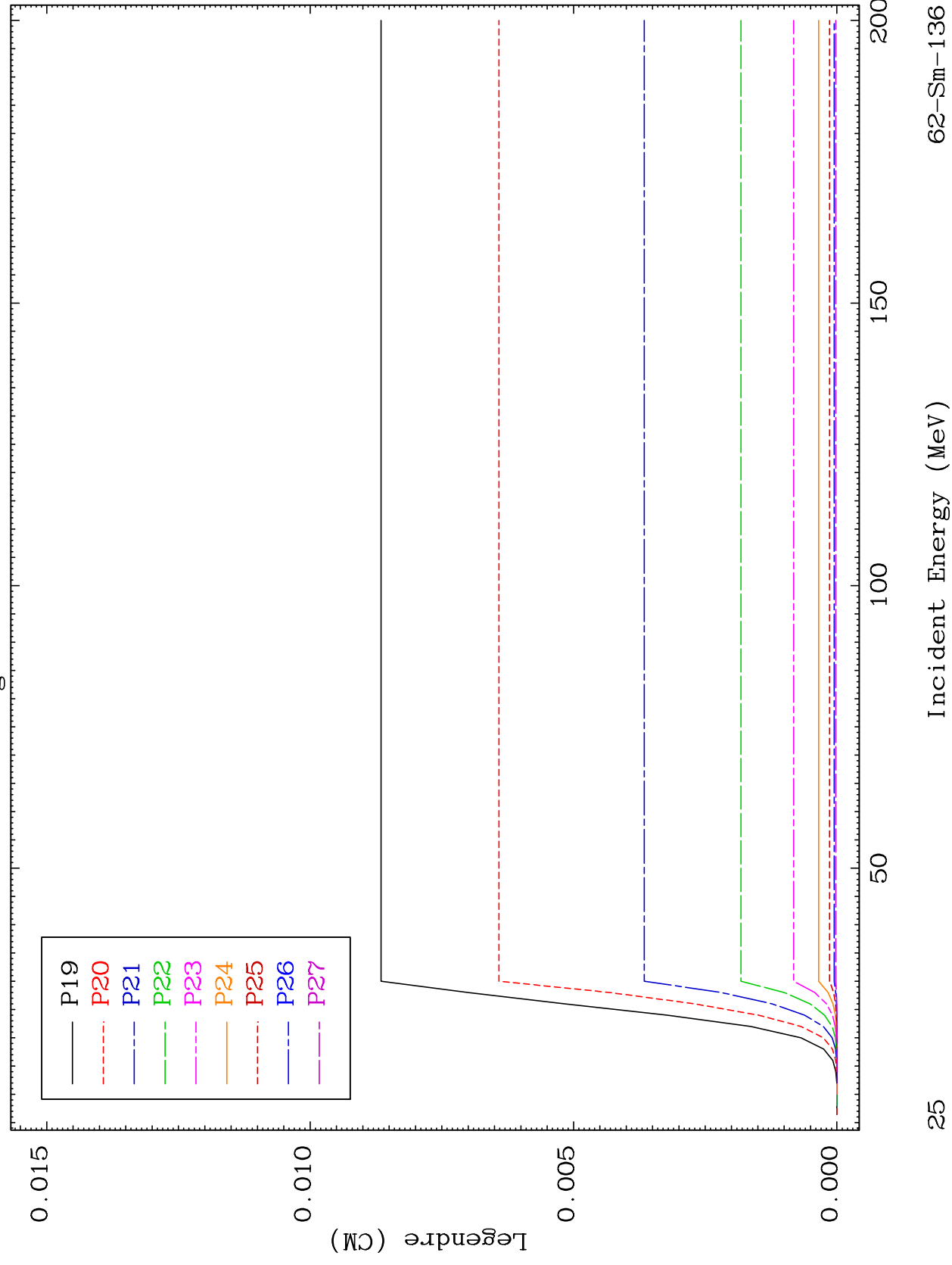


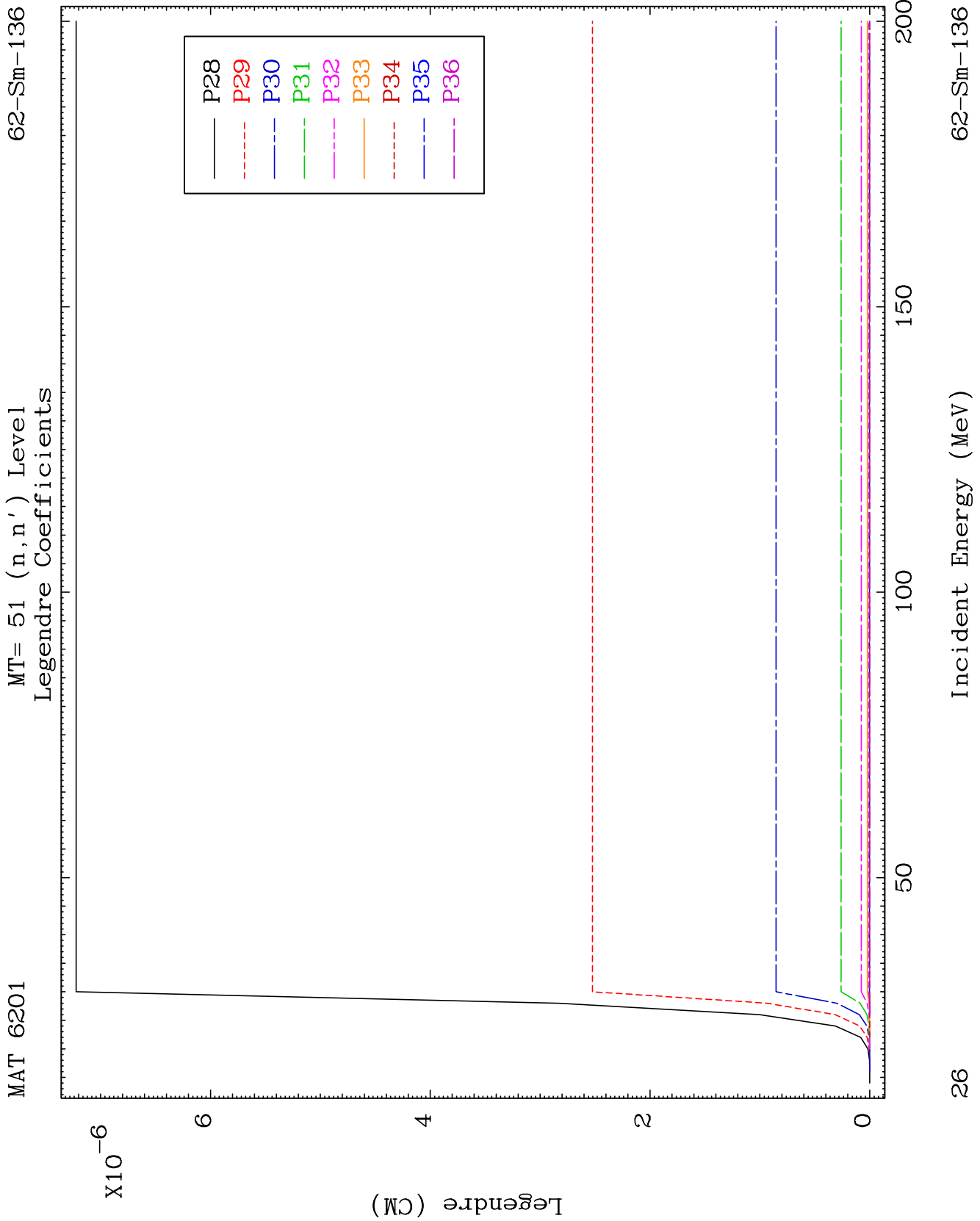


MAT 6201

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

62-Sm-136

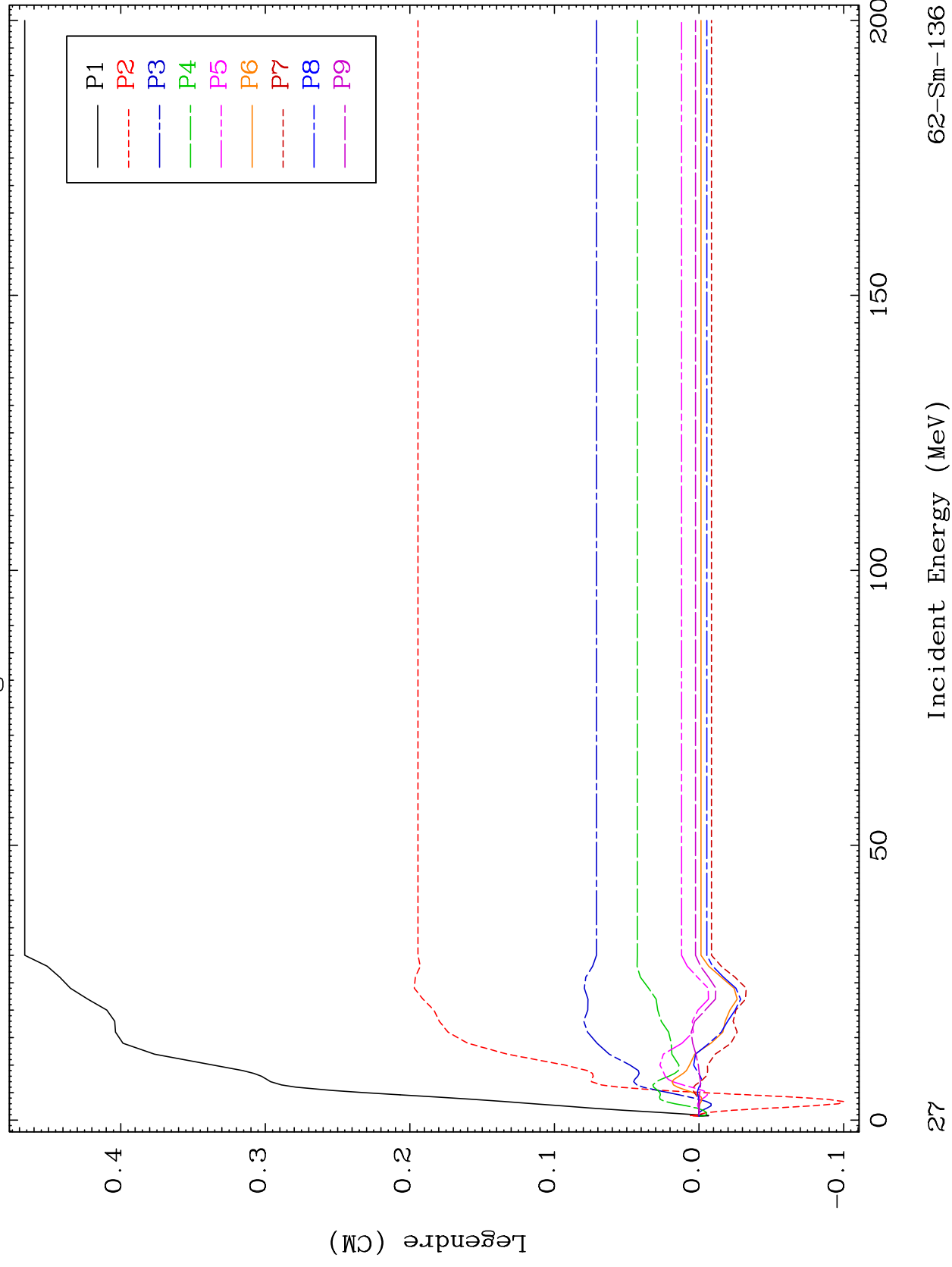




MAT 6201

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

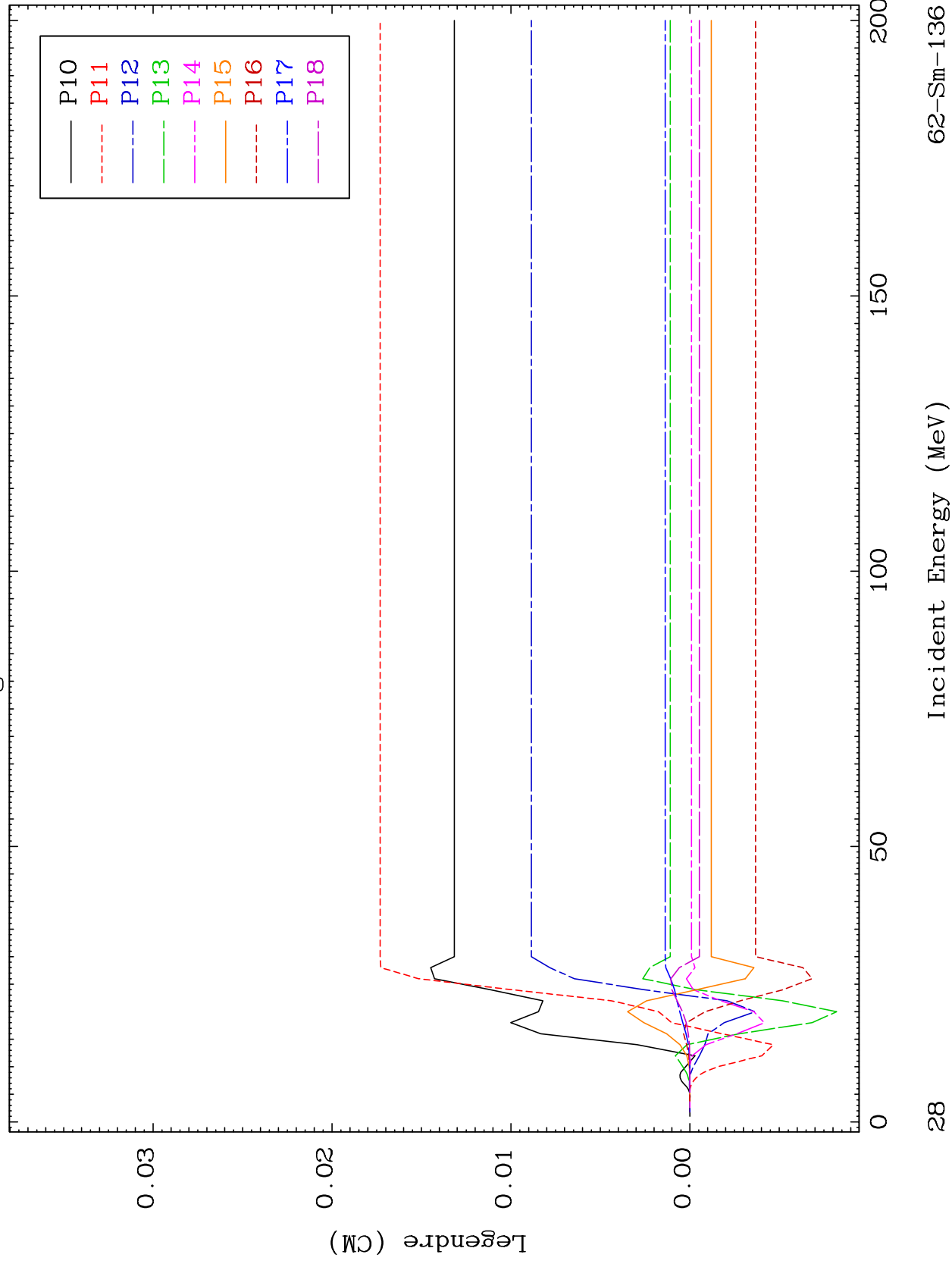
62-Sm-136

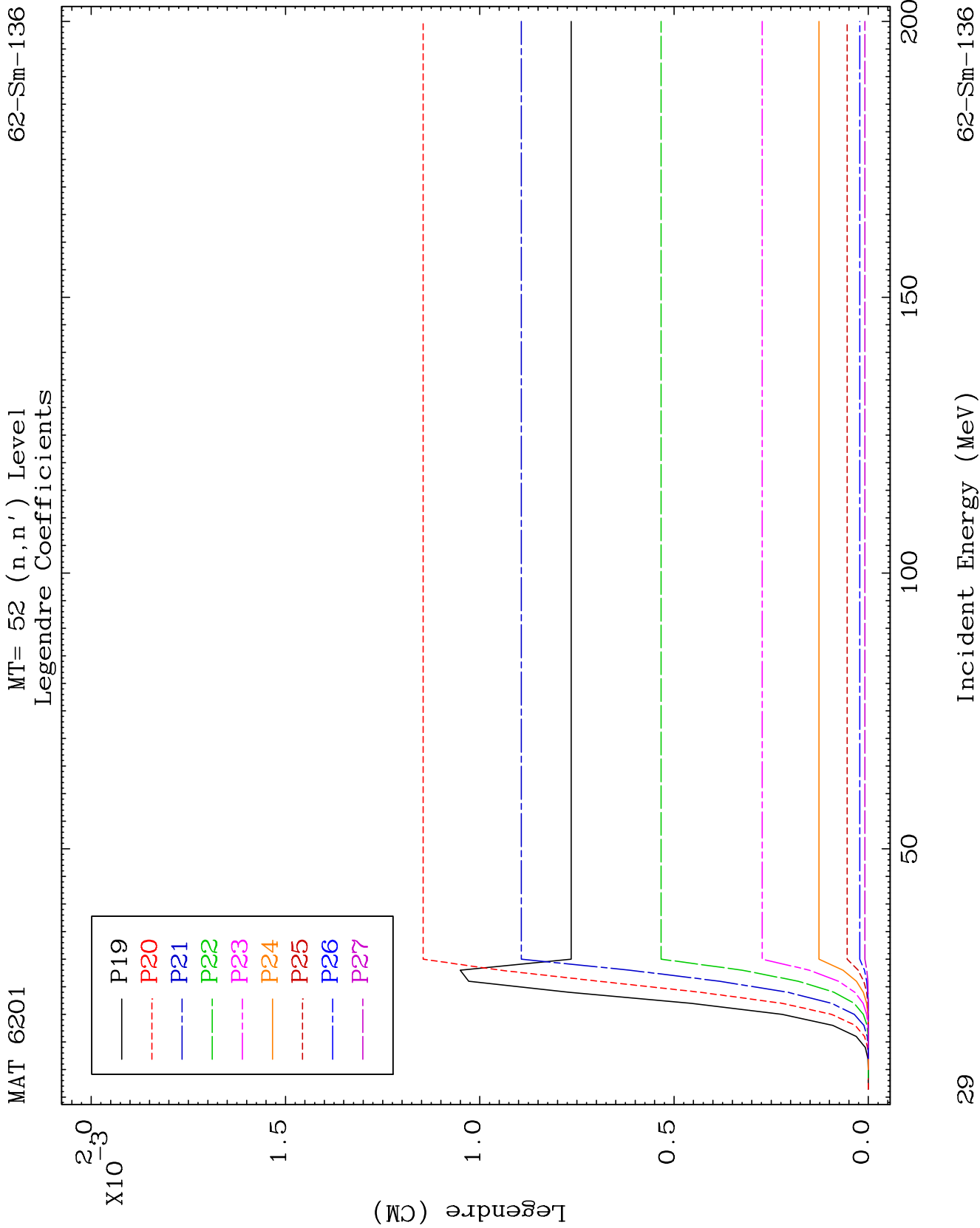


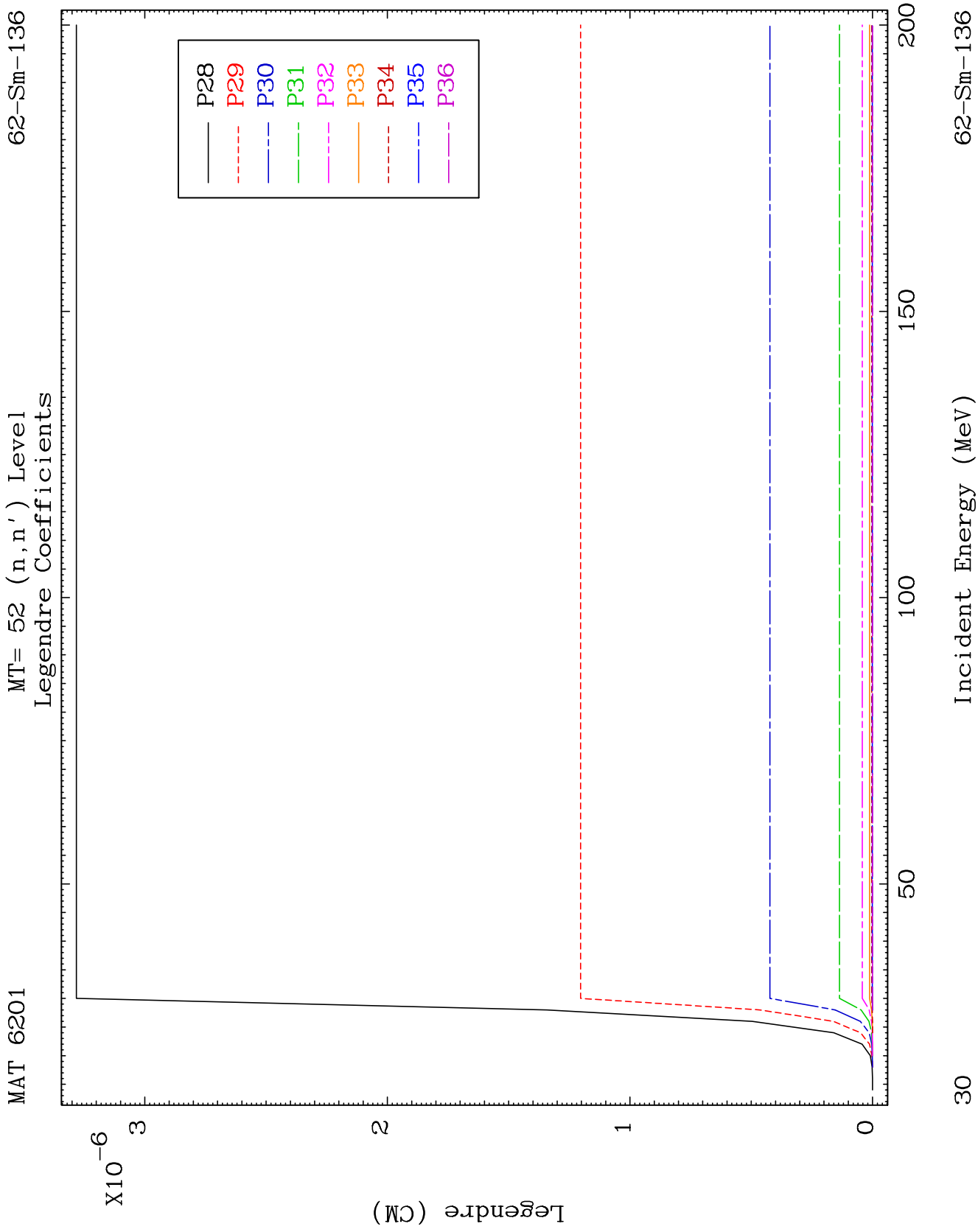
MAT 6201

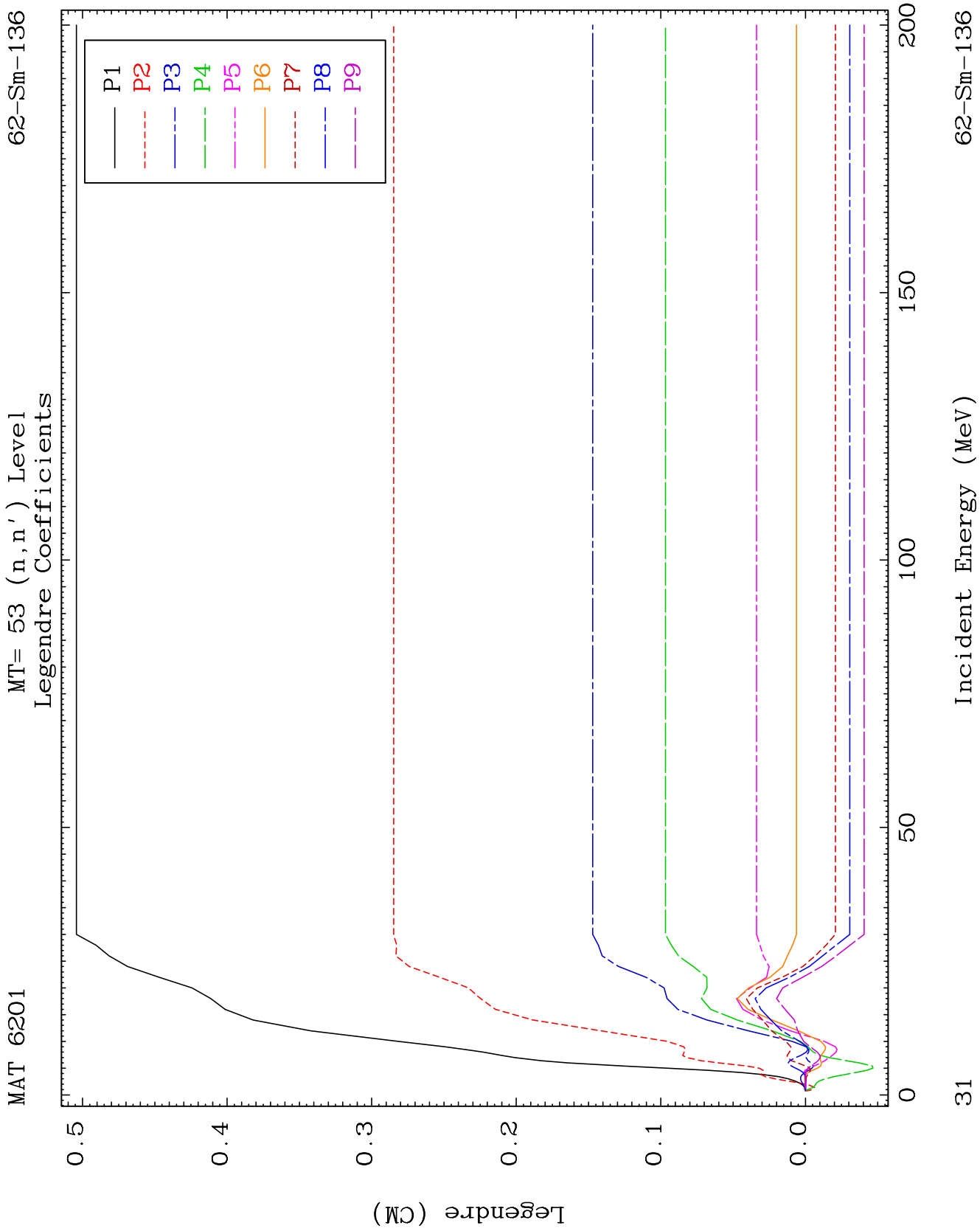
MT= 52 (n, n') Level
Legendre Coefficients

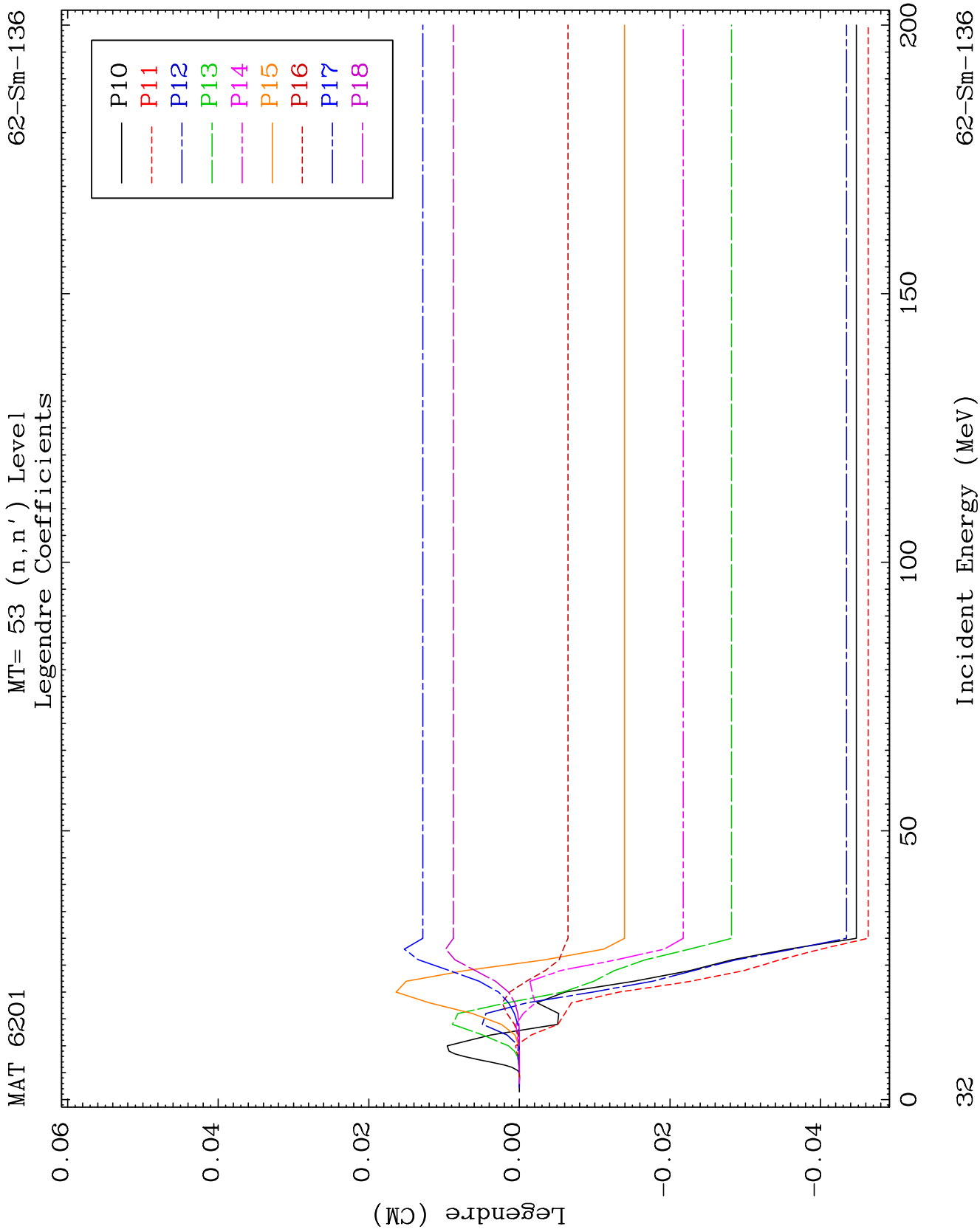
62-Sm-136







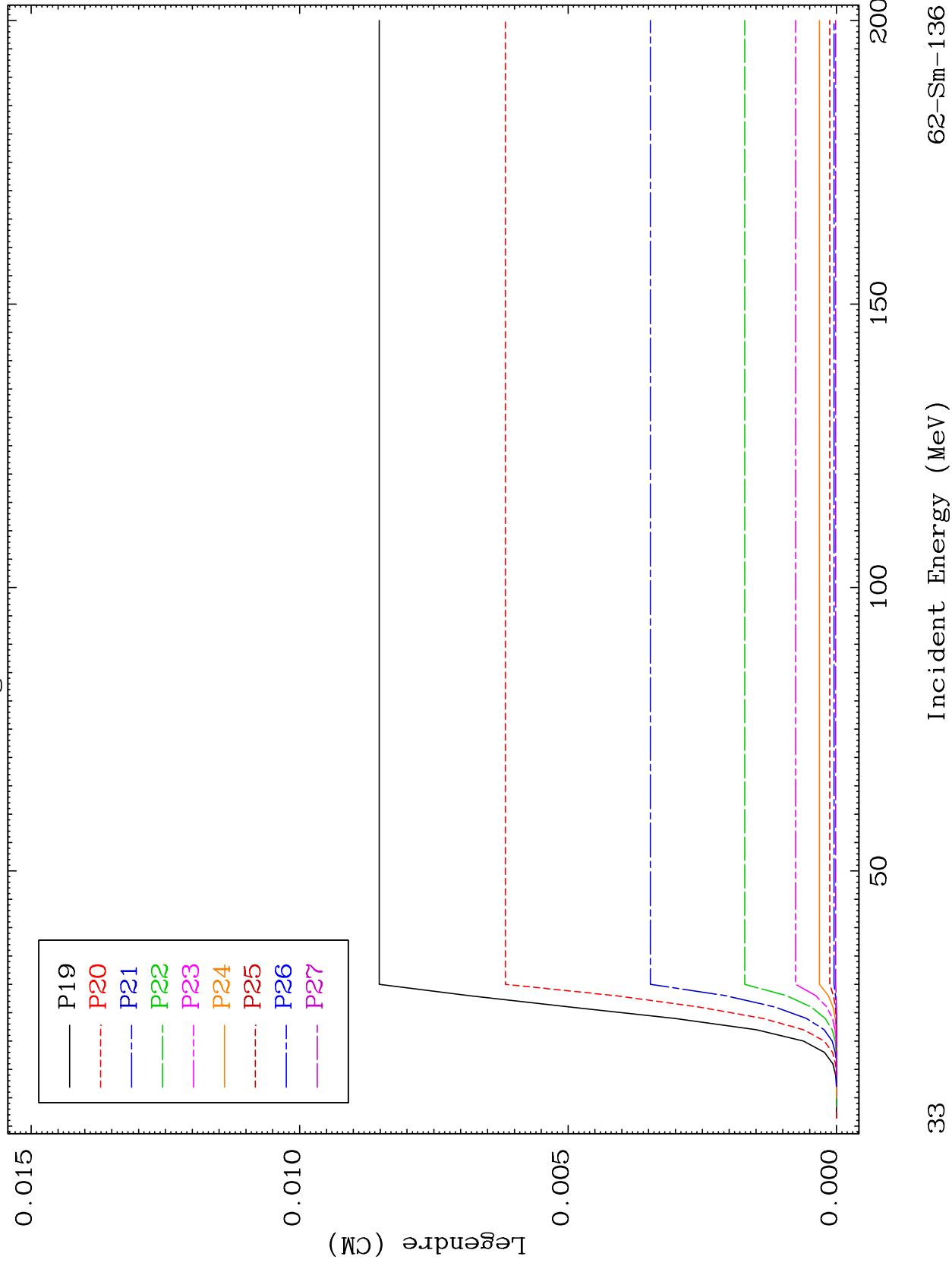




MAT 6201

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

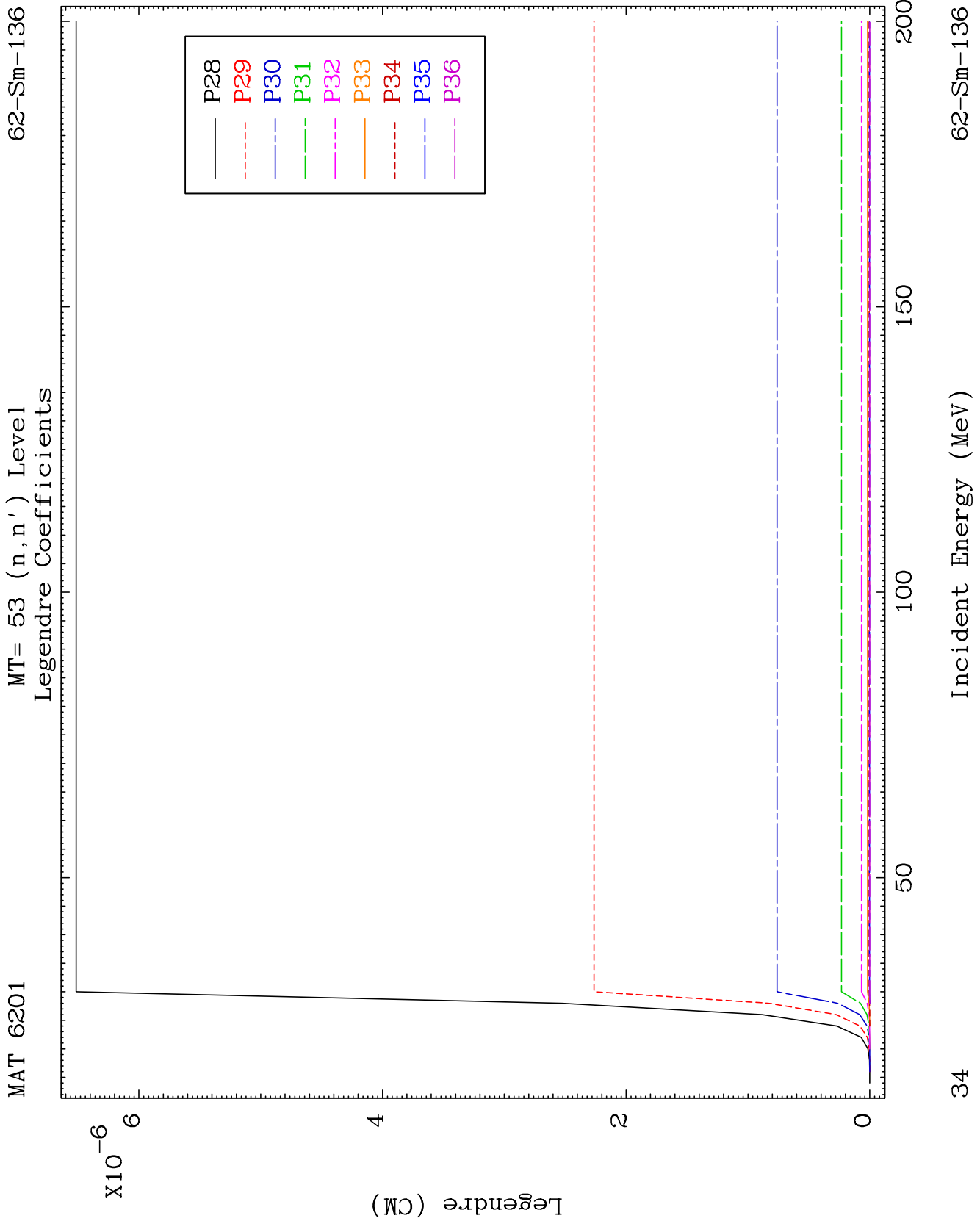
62-Sm-136

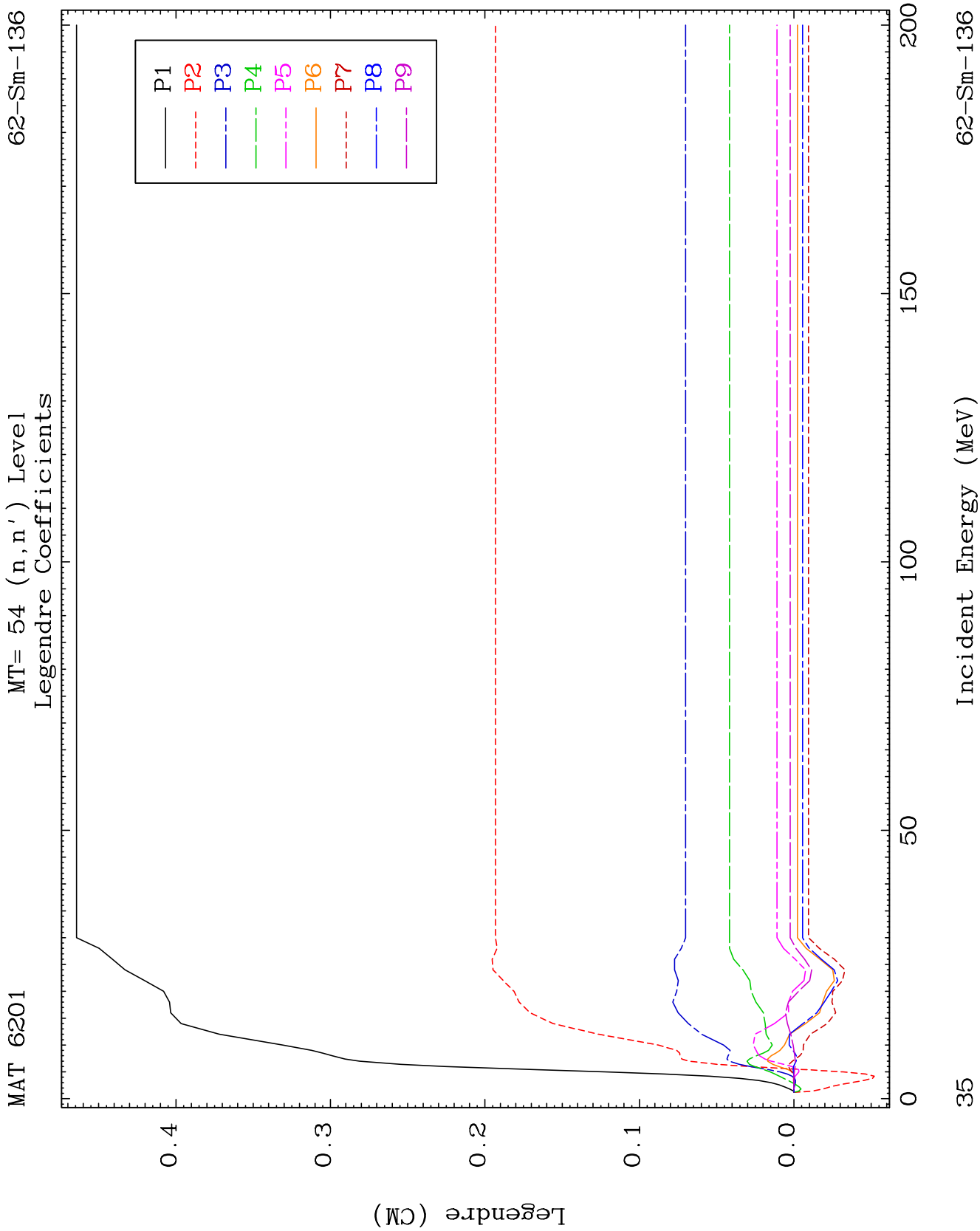


33

Incident Energy (MeV)

62-Sm-136

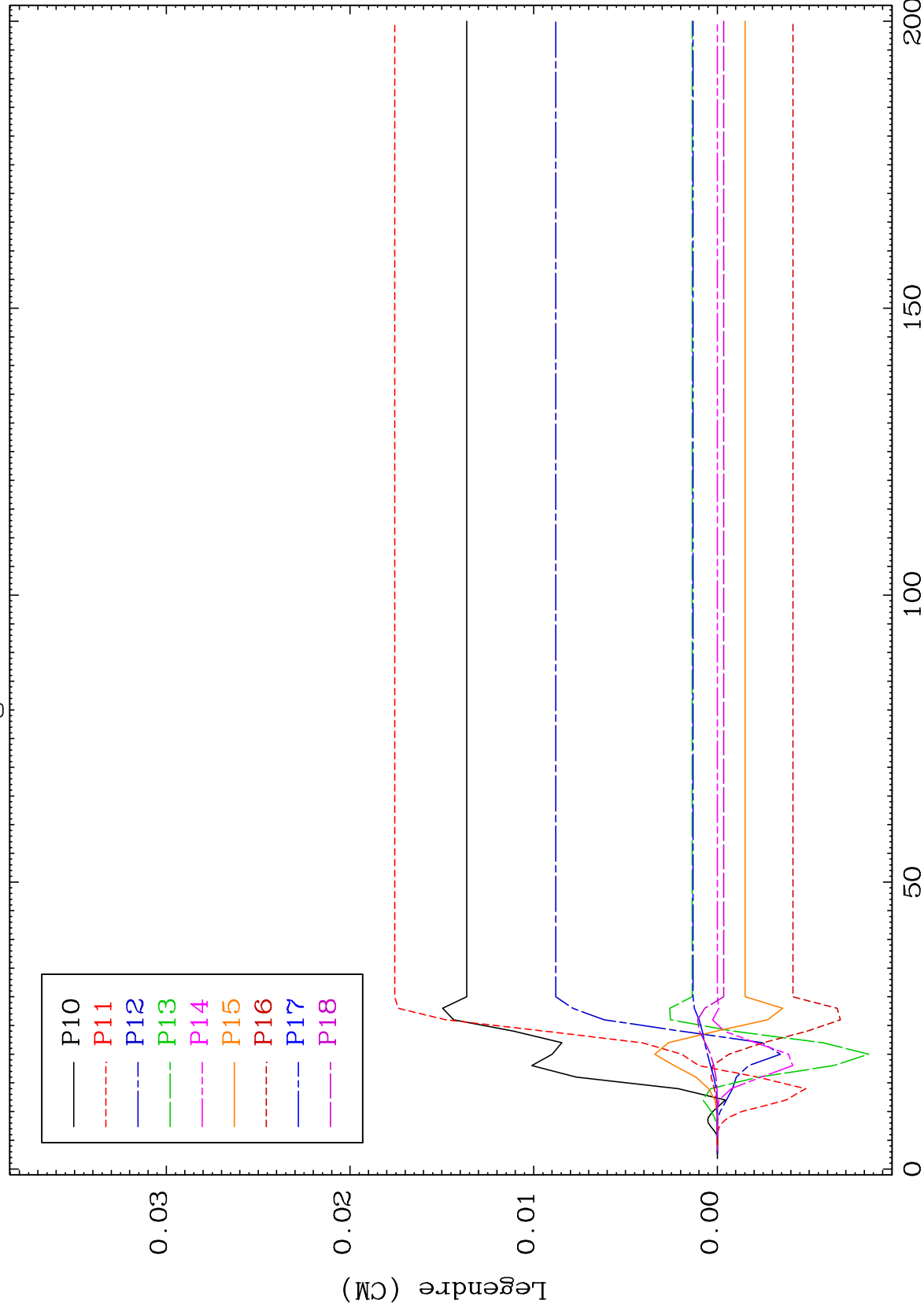




MAT 6201

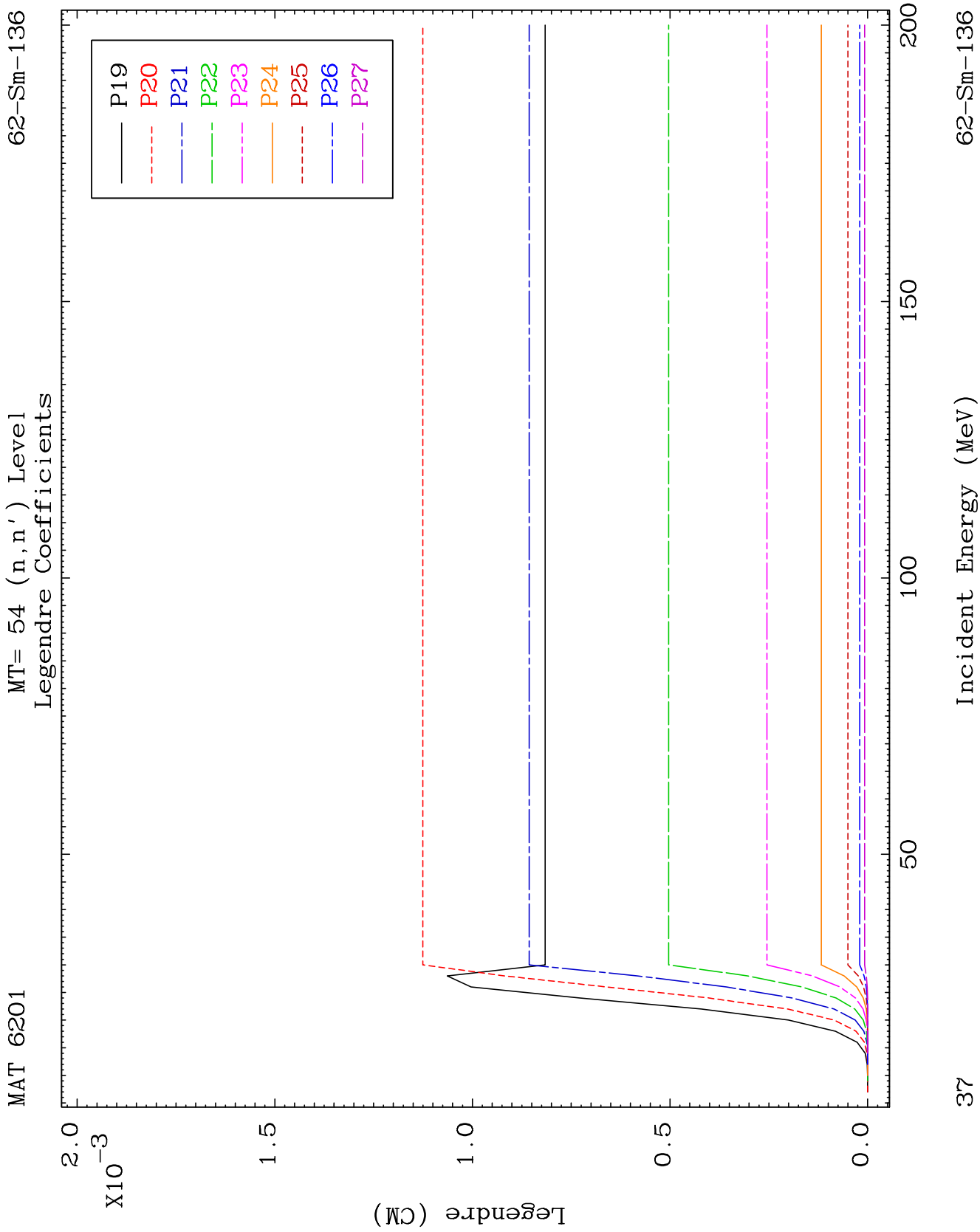
MT= 54 (n, n') Level
Legendre Coefficients

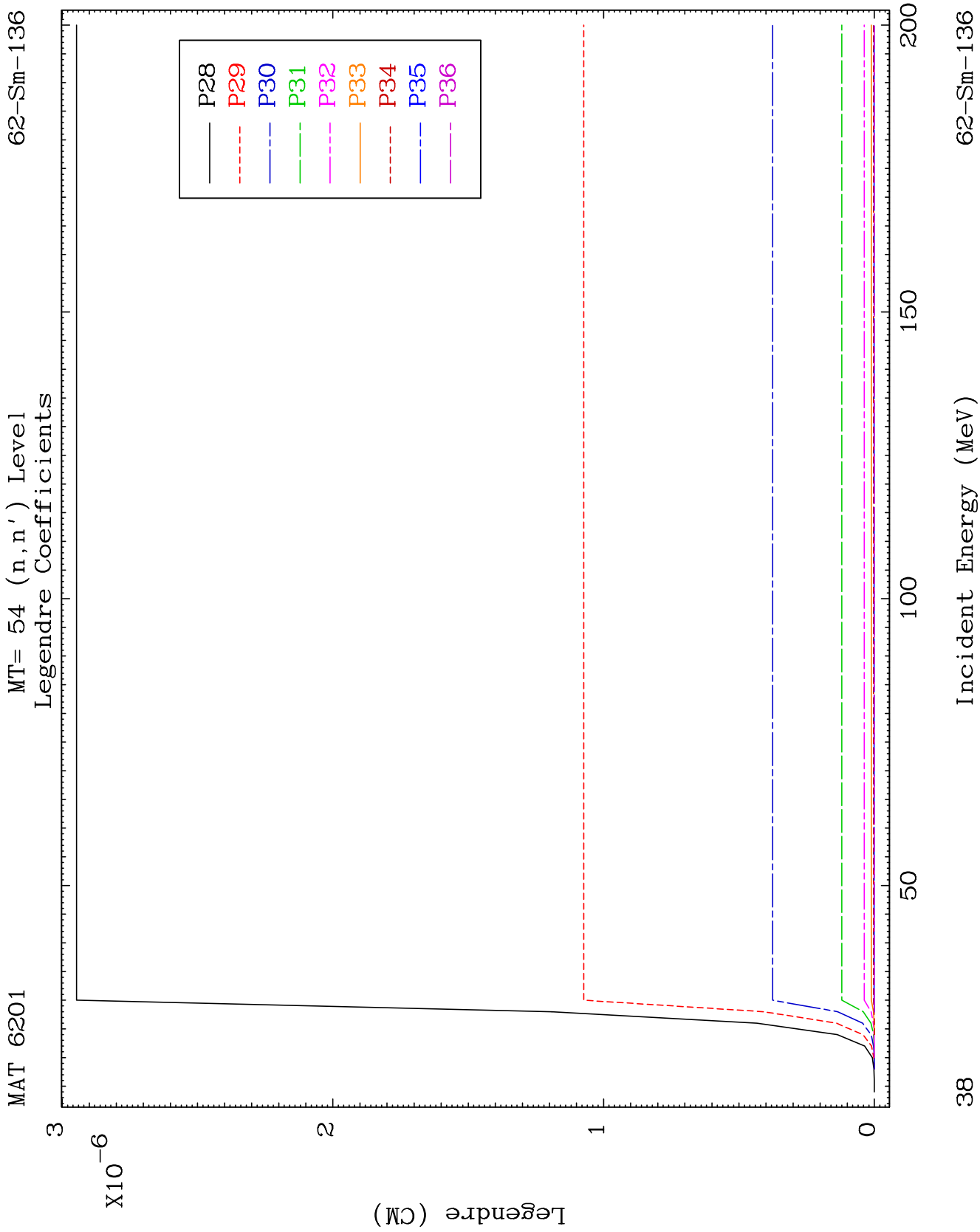
62-Sm-136

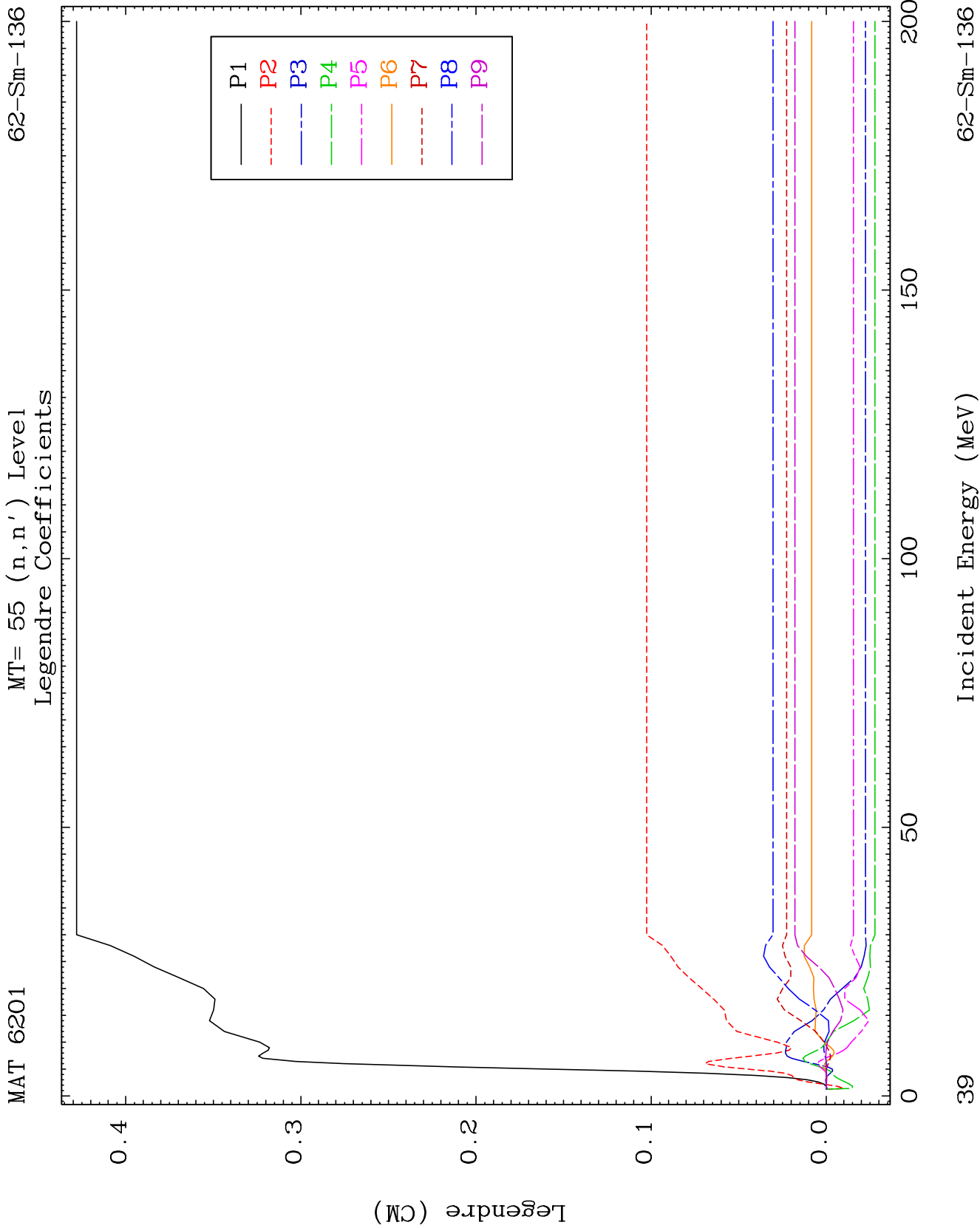


62-Sm-136

Incident Energy (MeV)



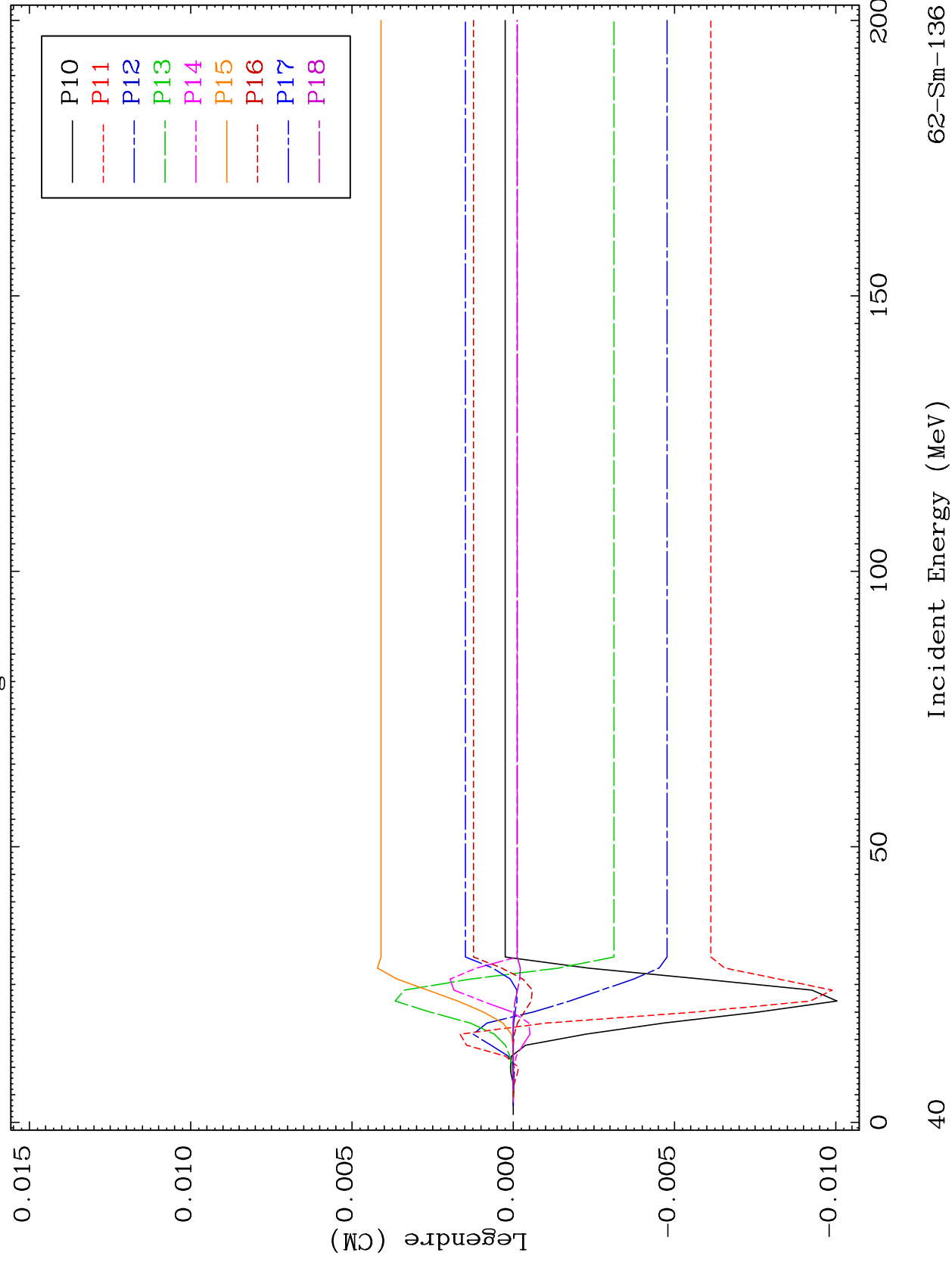


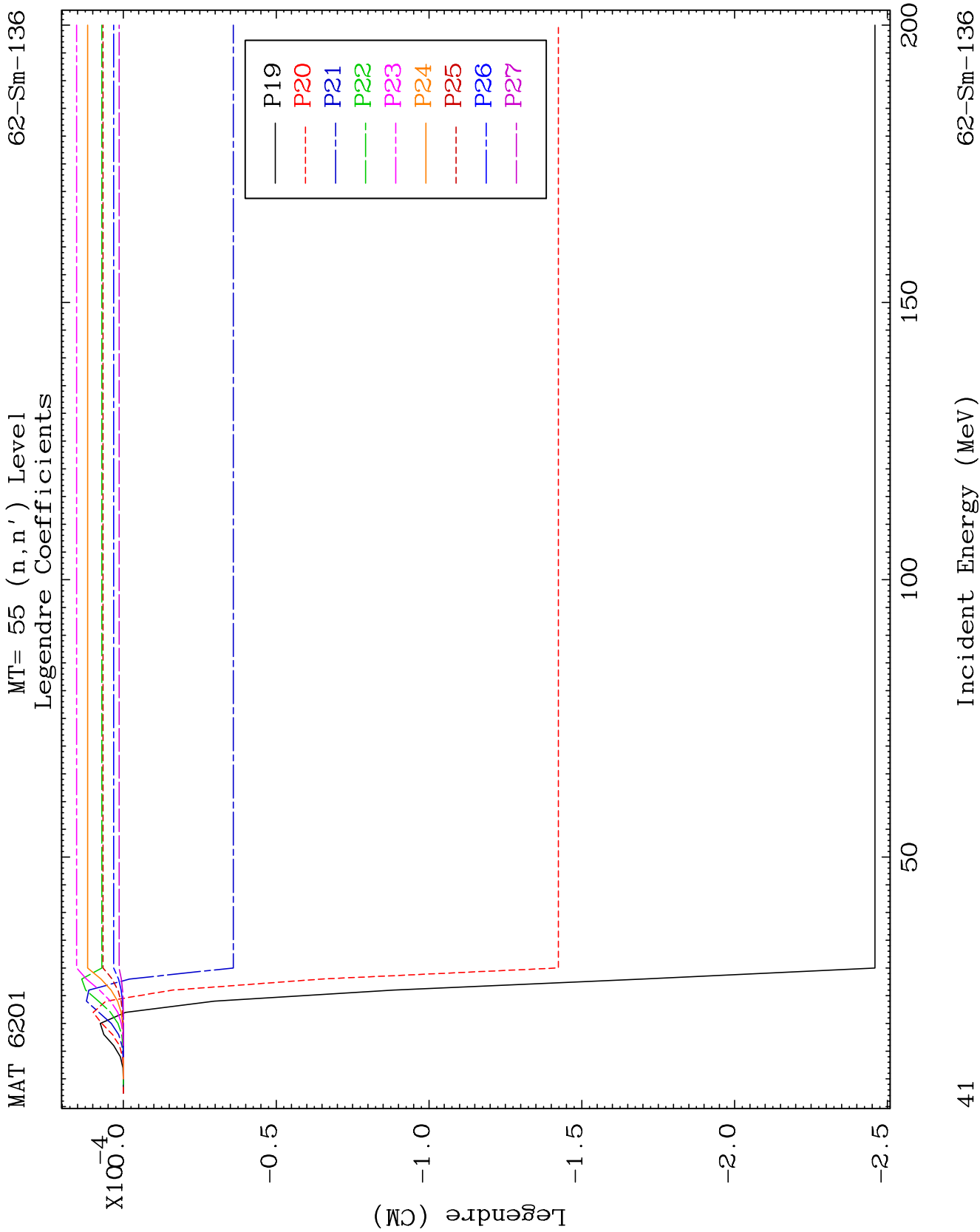


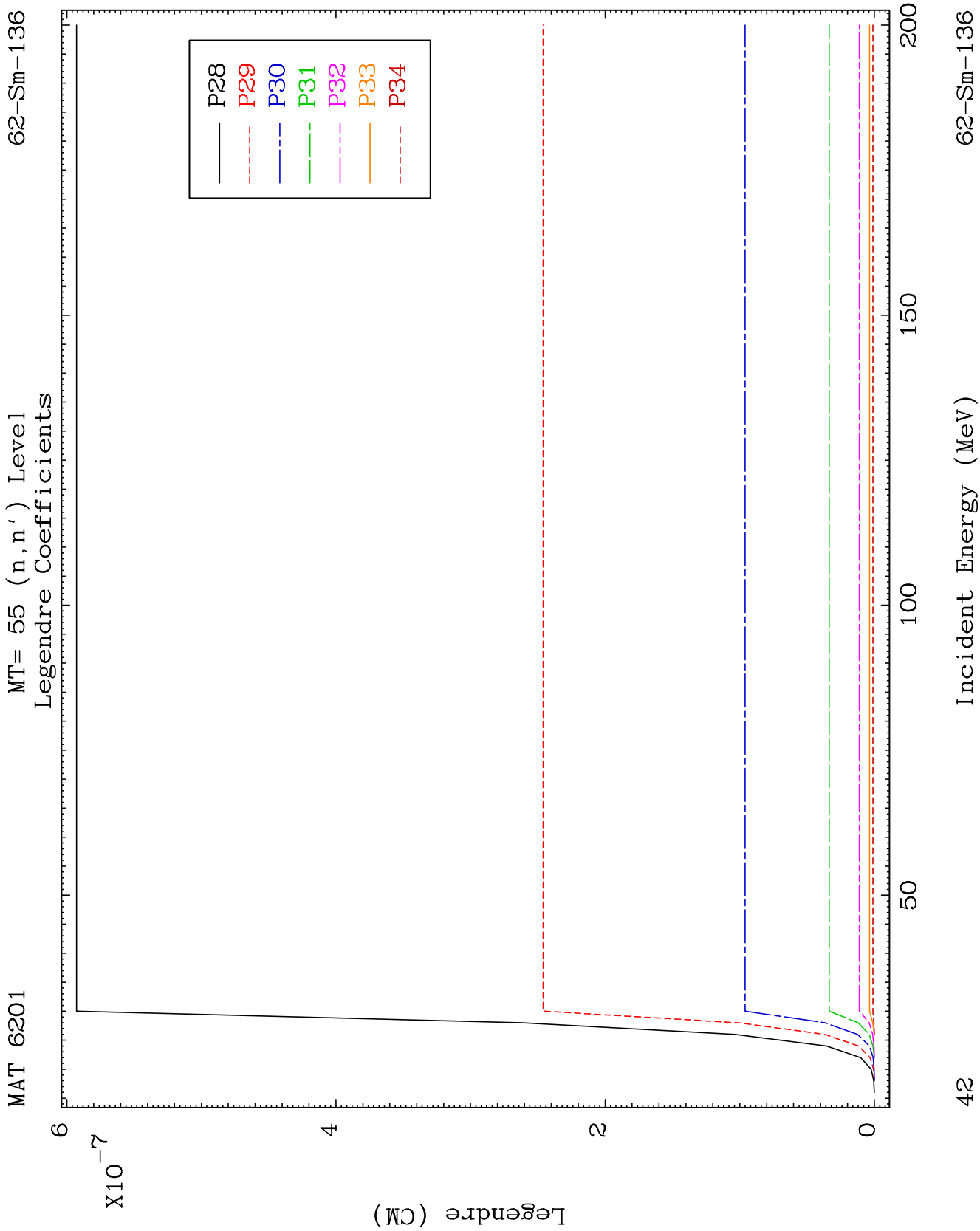
MAT 6201

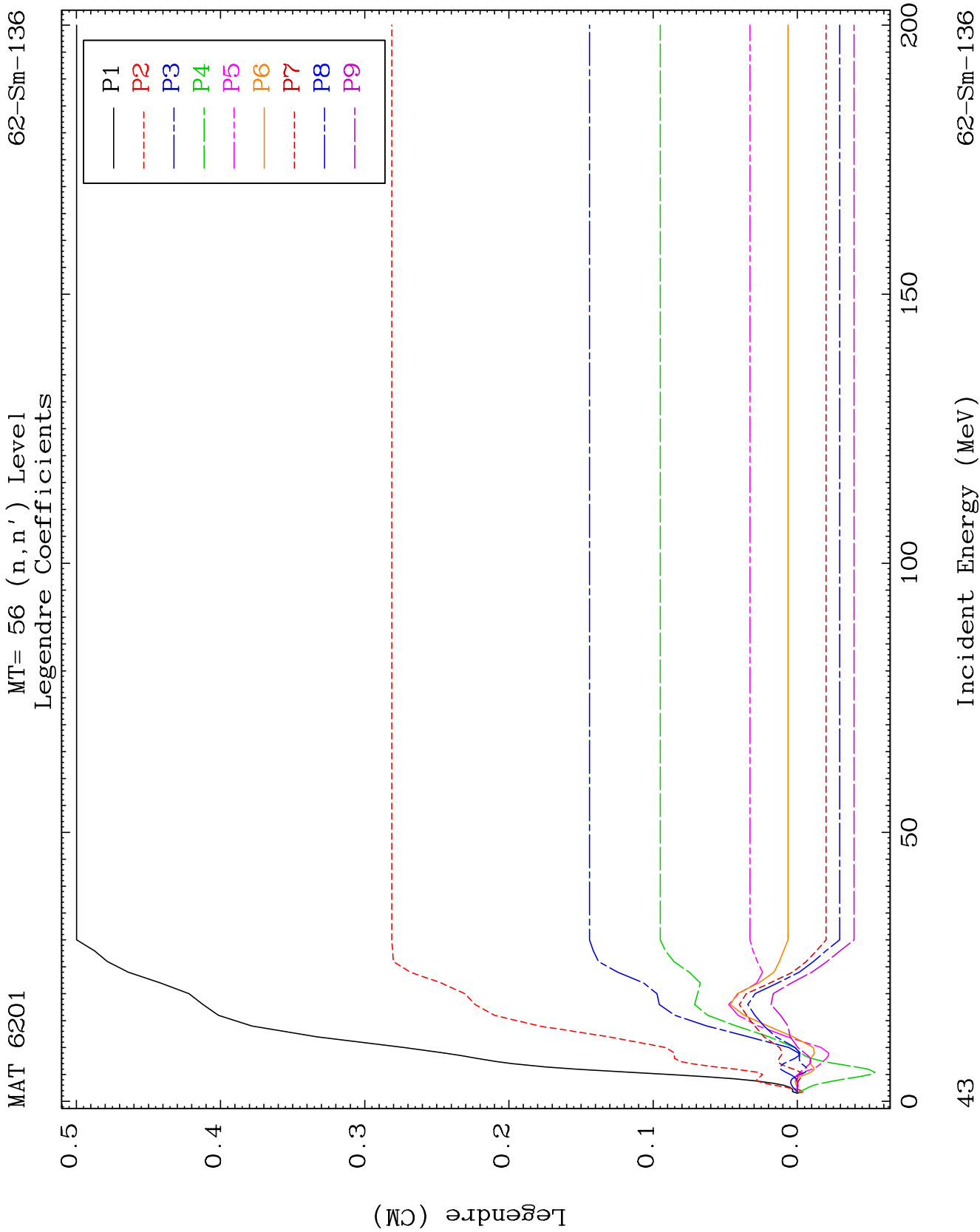
MT= 55 (n, n') Level
Legendre Coefficients

62-Sm-136





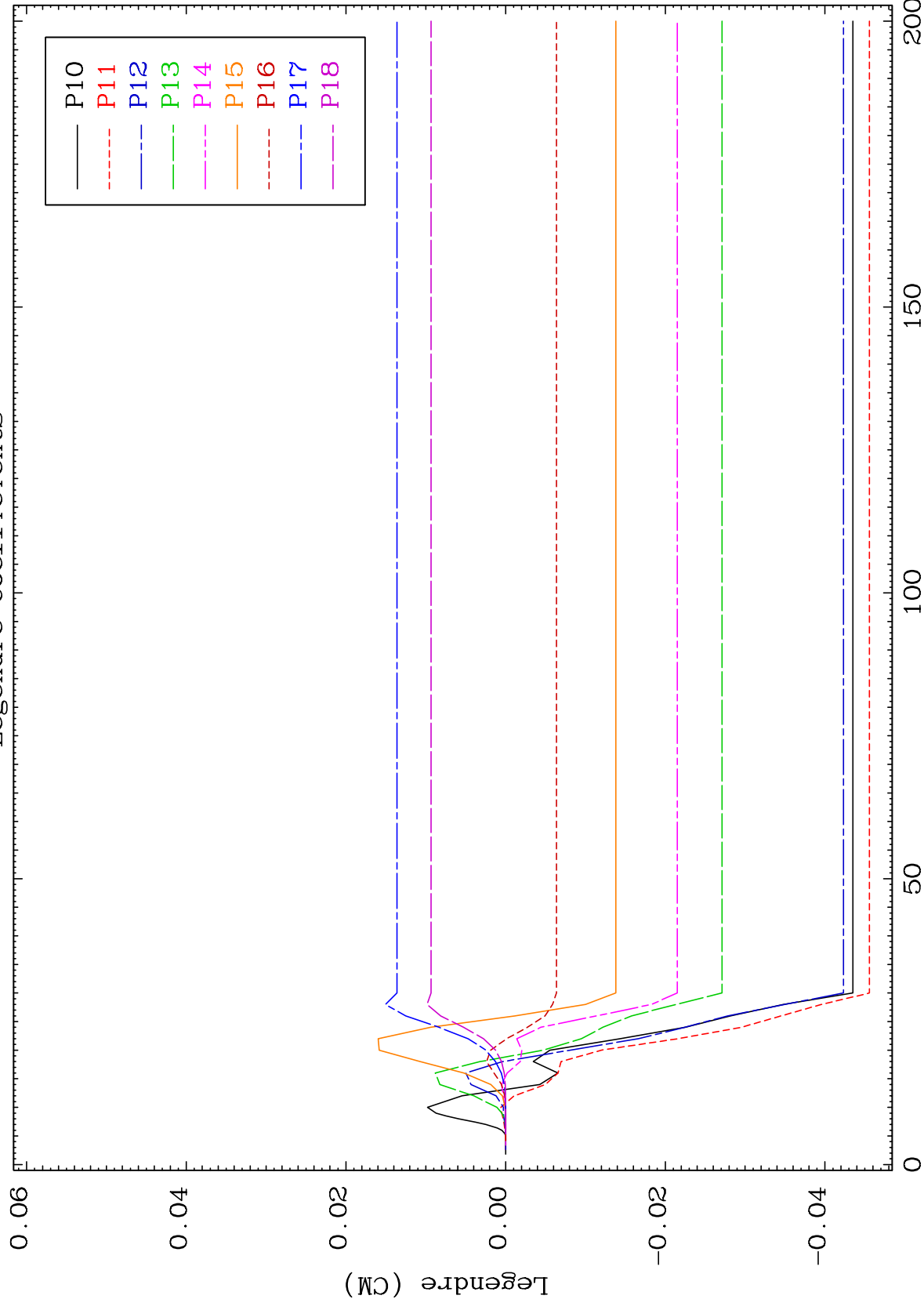




MAT 6201

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

62-Sm-136



44

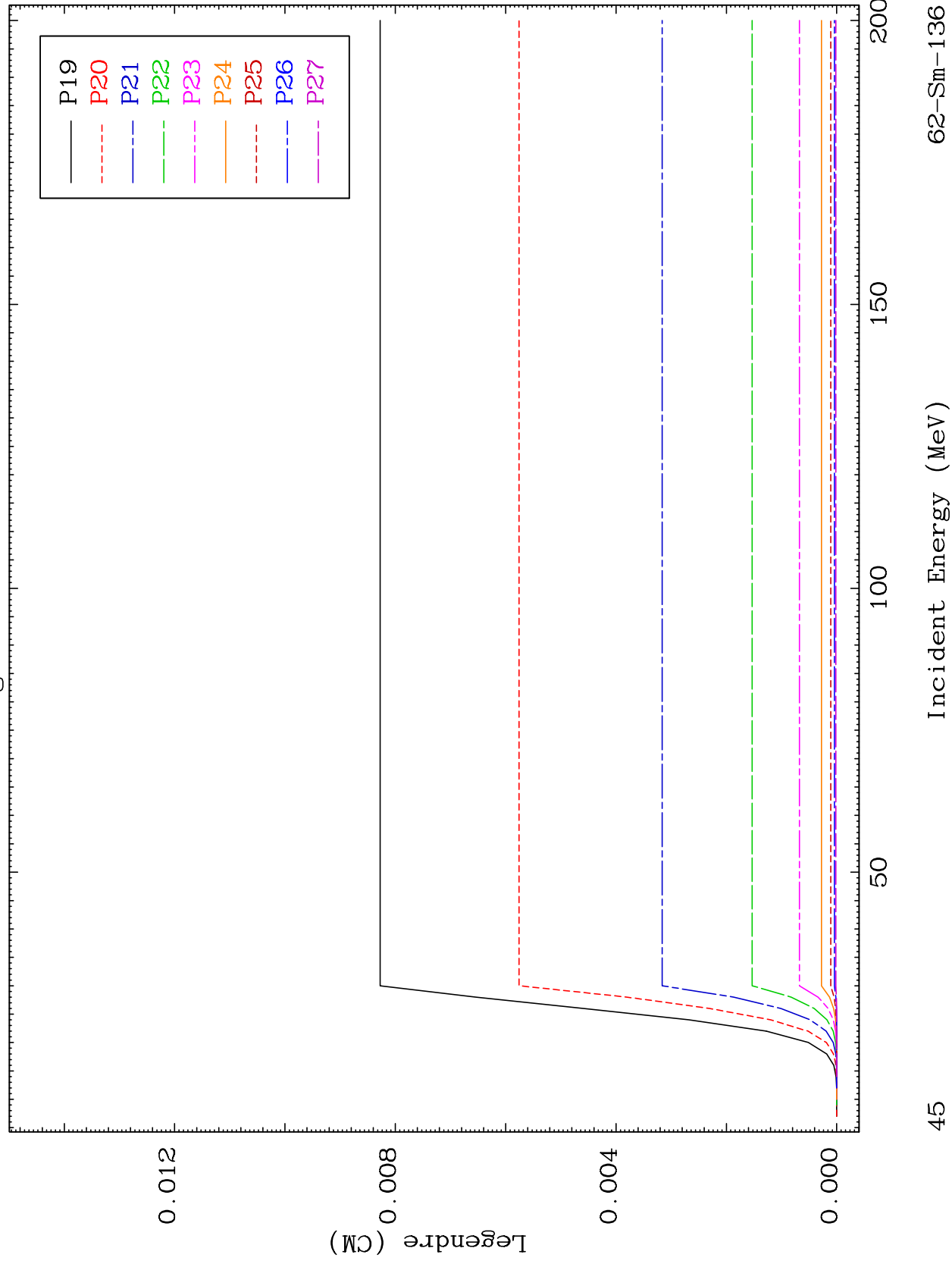
Incident Energy (MeV)

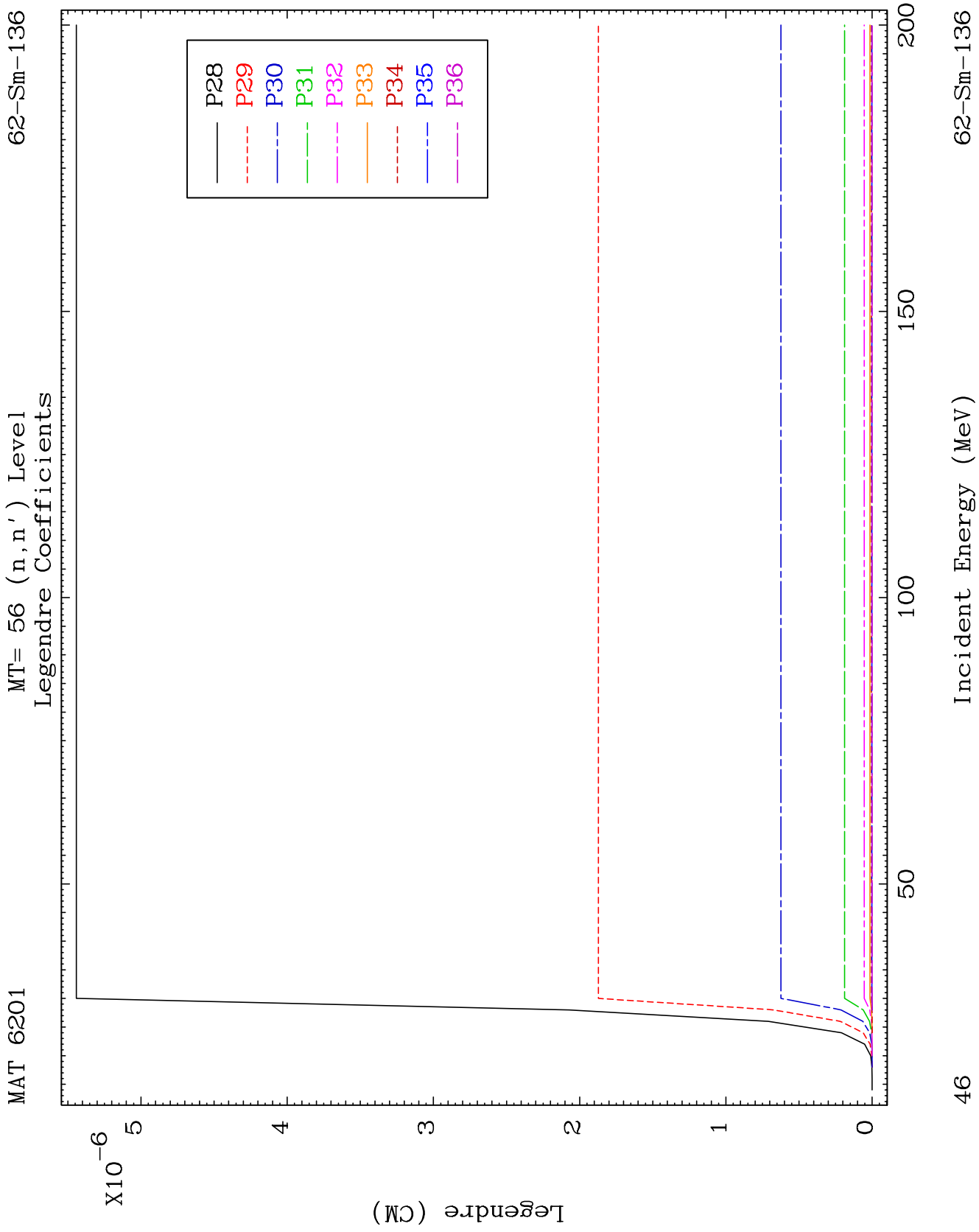
62-Sm-136

MAT 6201

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

62-Sm-136

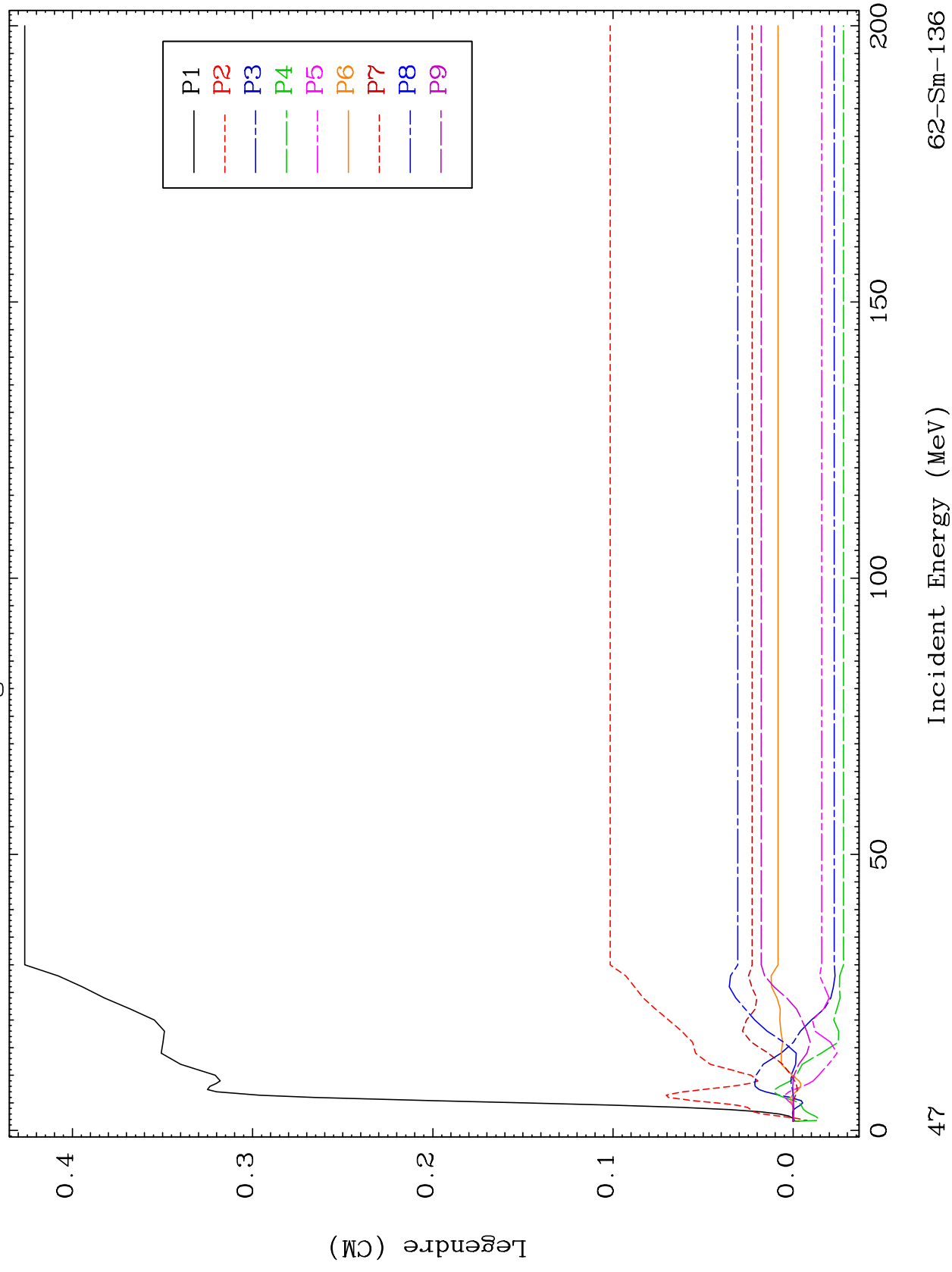




MAT 6201

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

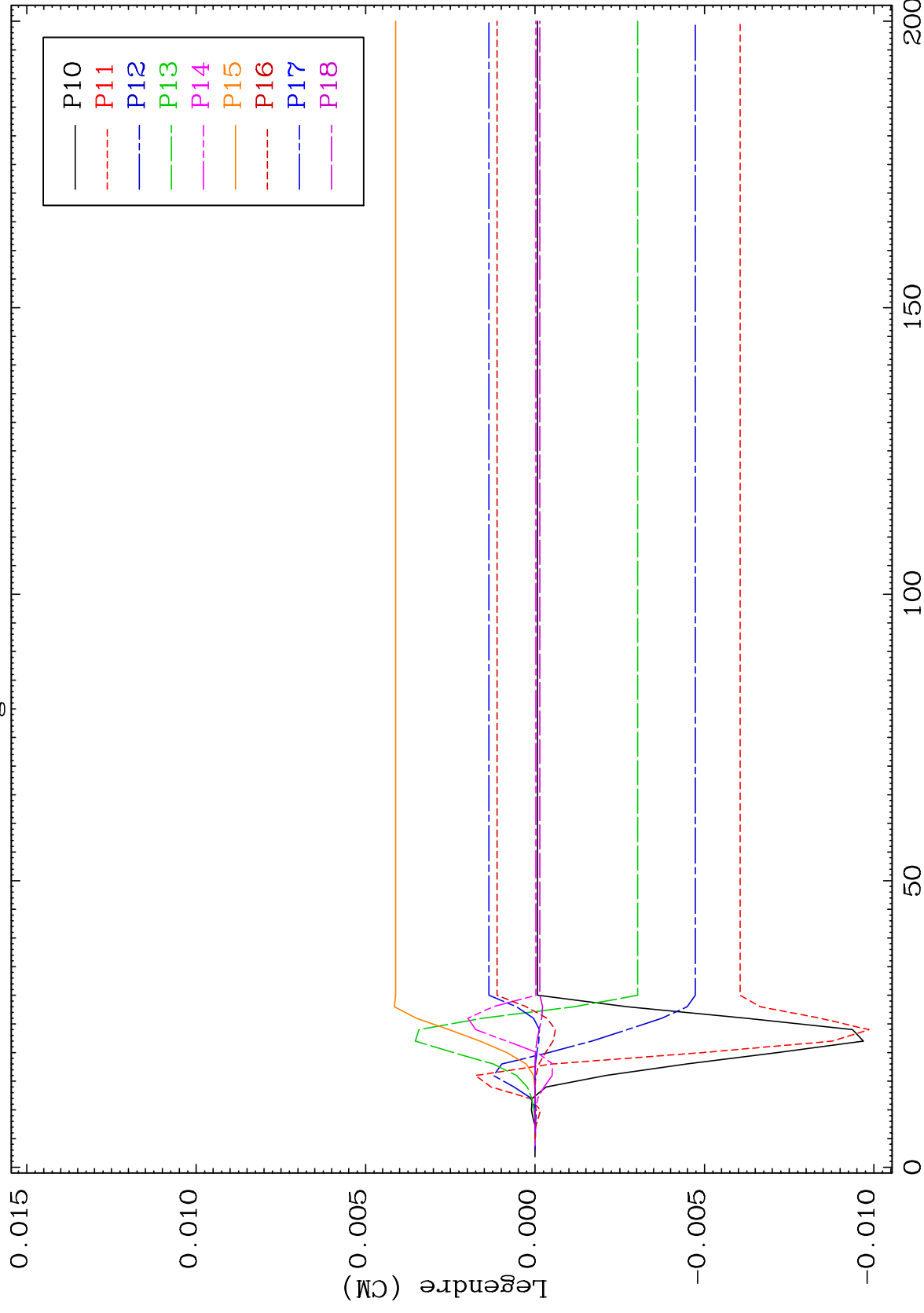
62-Sm-136



MAT 6201

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

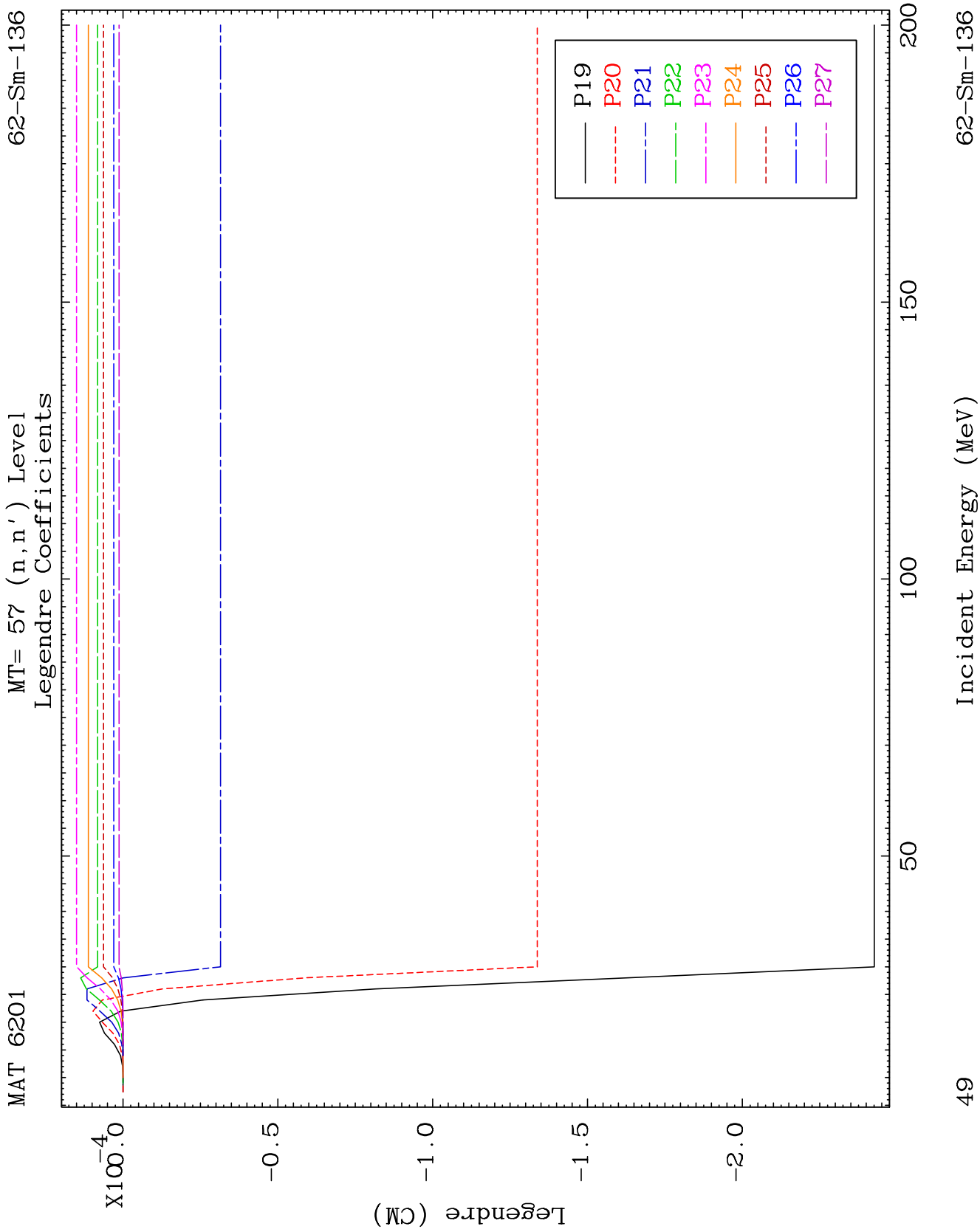
62-Sm-136

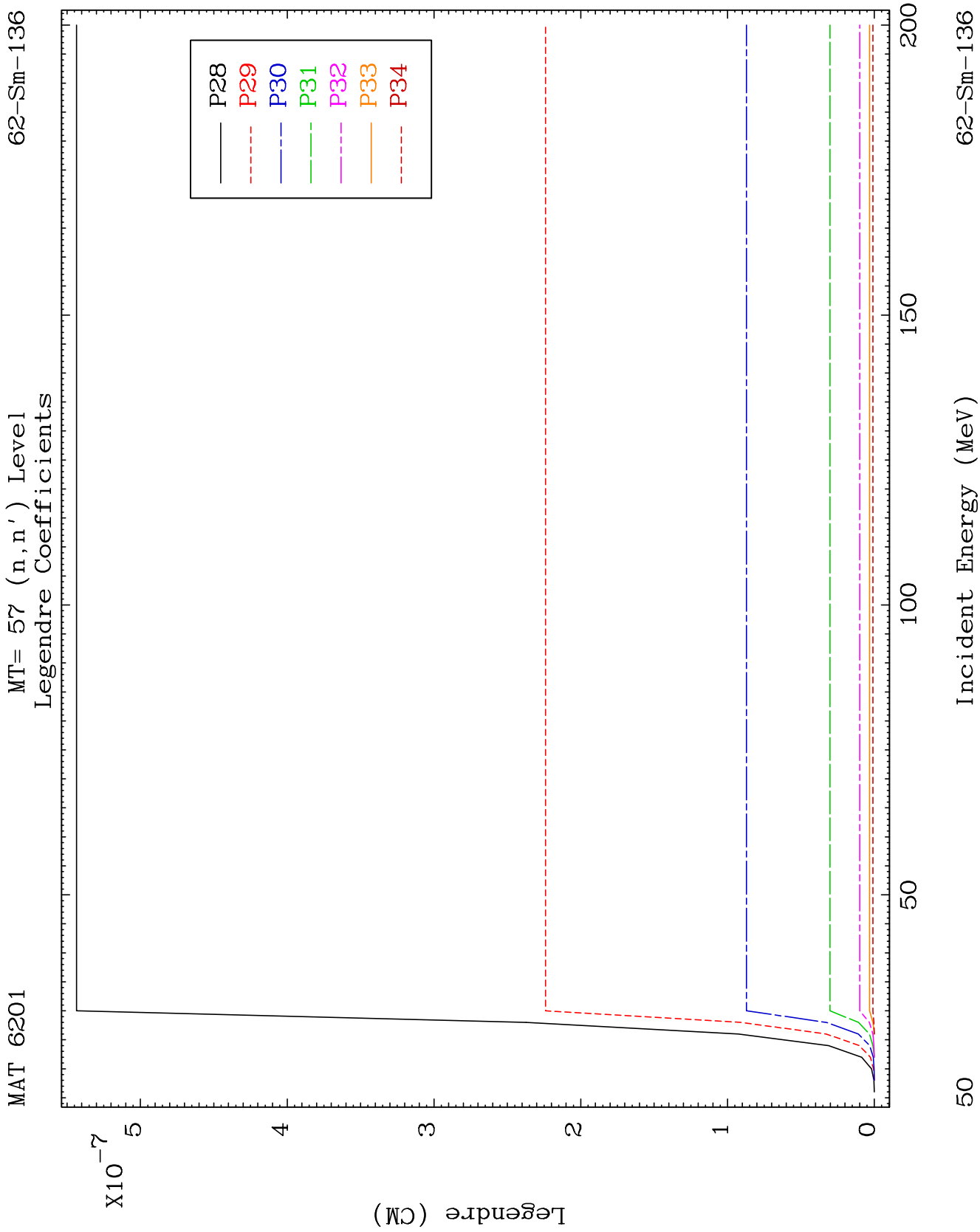


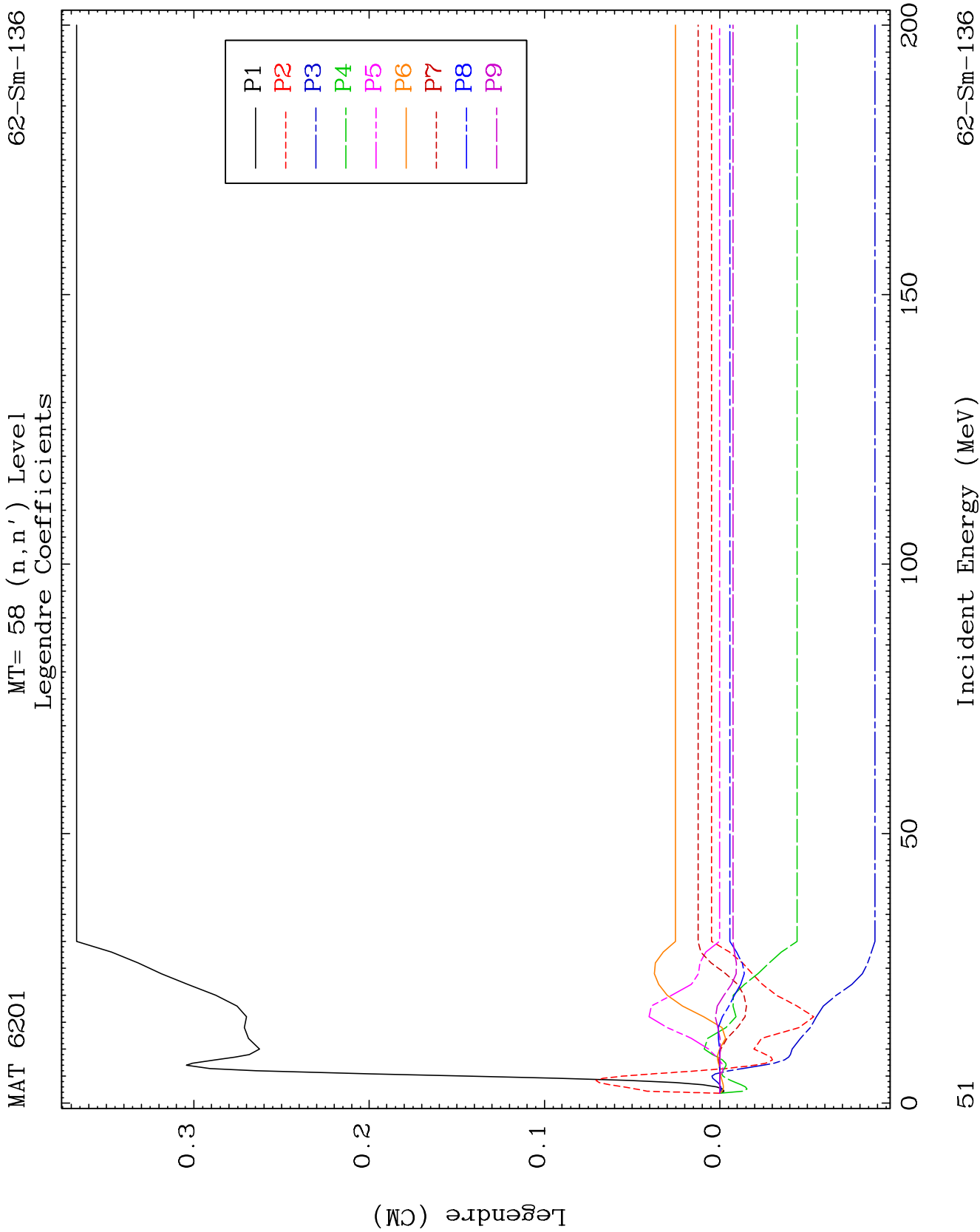
48

Incident Energy (MeV)

62-Sm-136



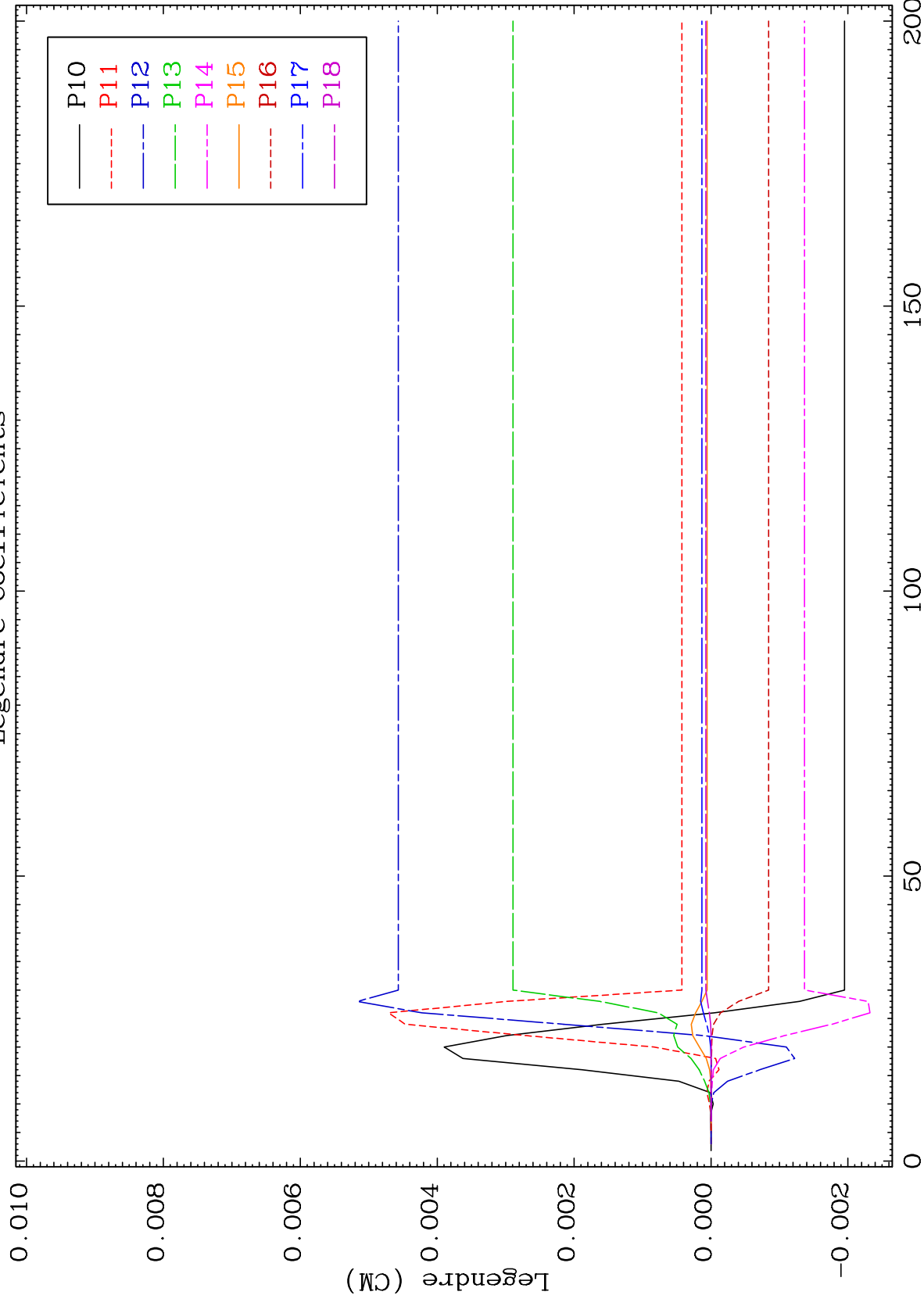




MAT 6201

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

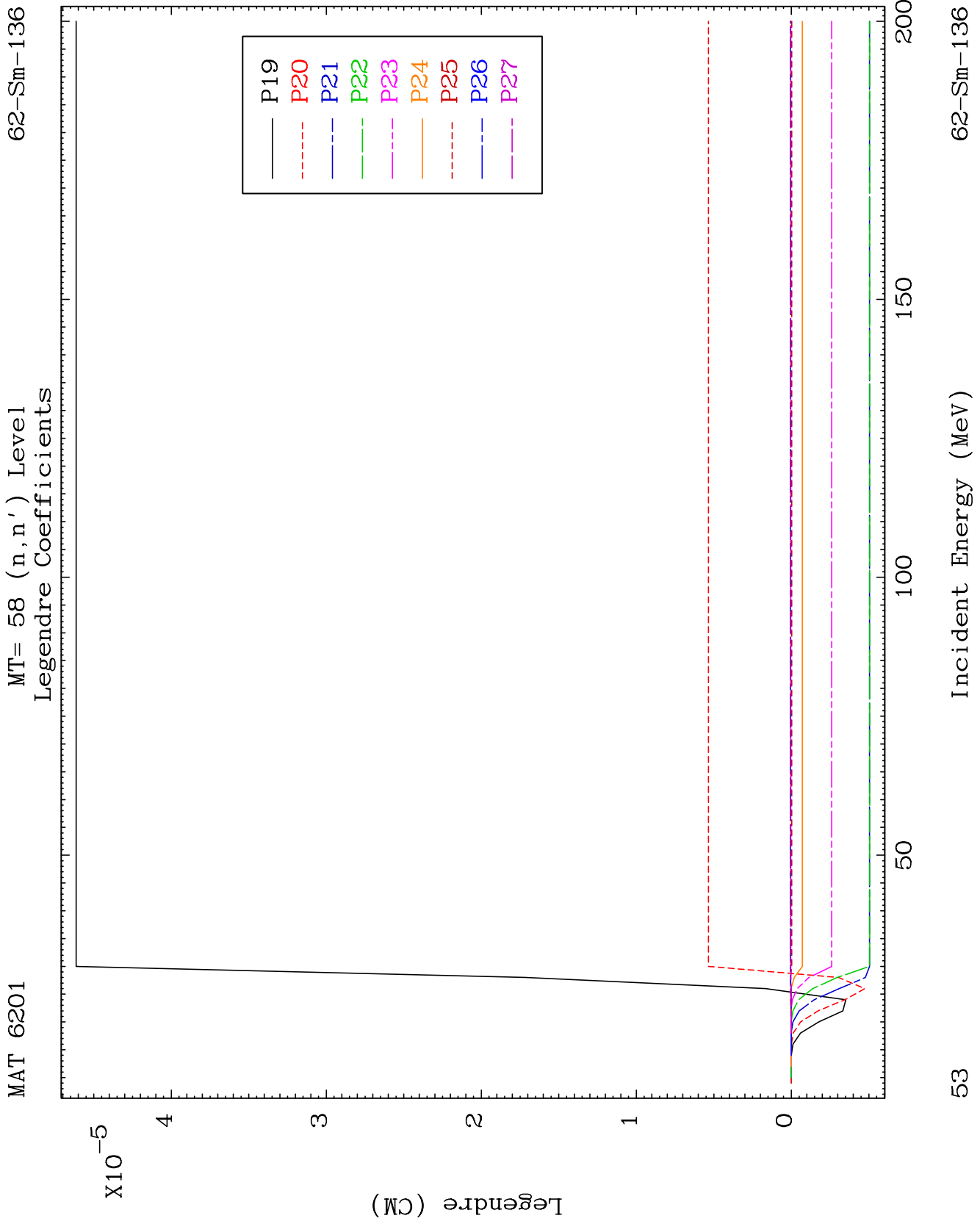
62-Sm-136

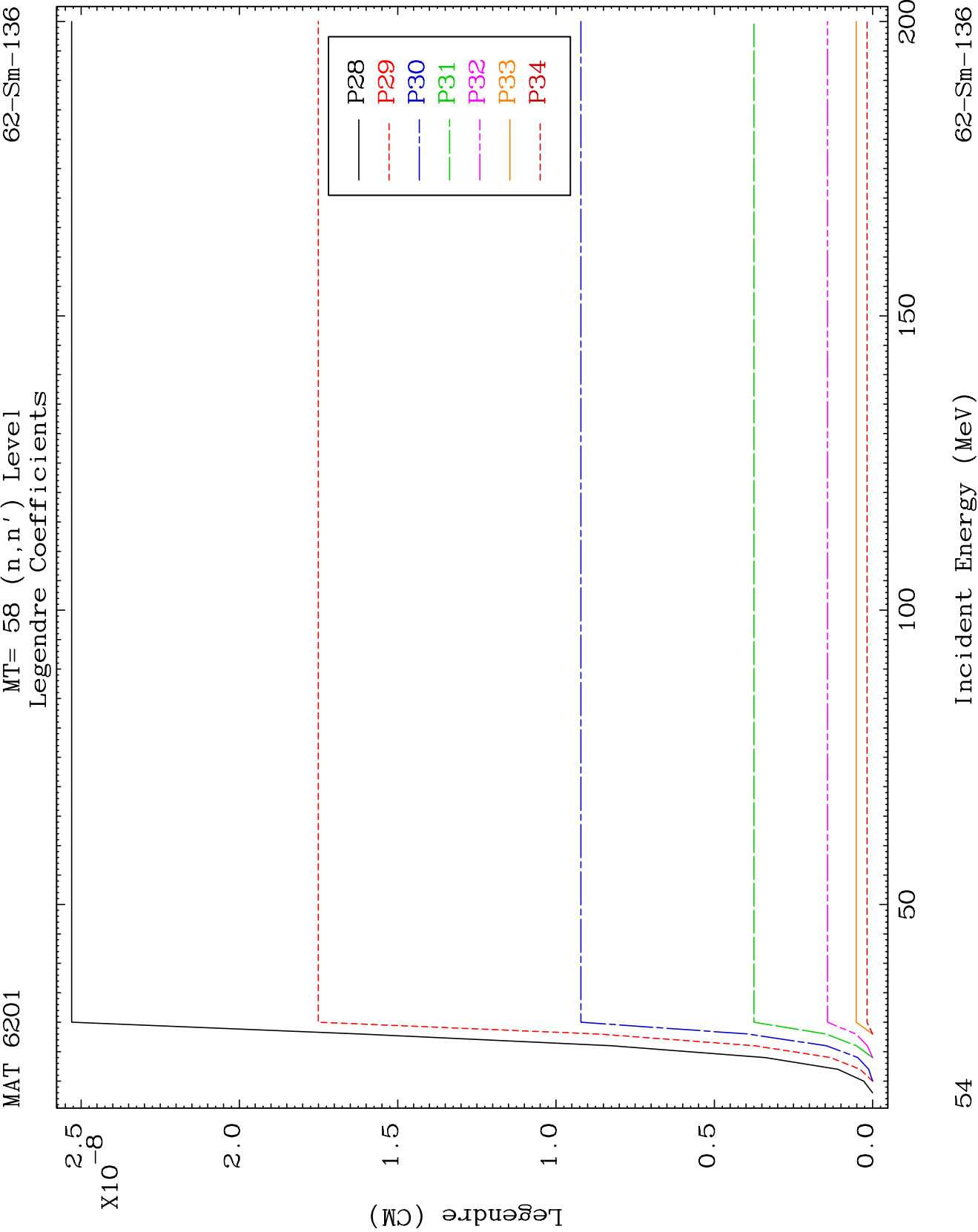


52

Incident Energy (MeV)

62-Sm-136

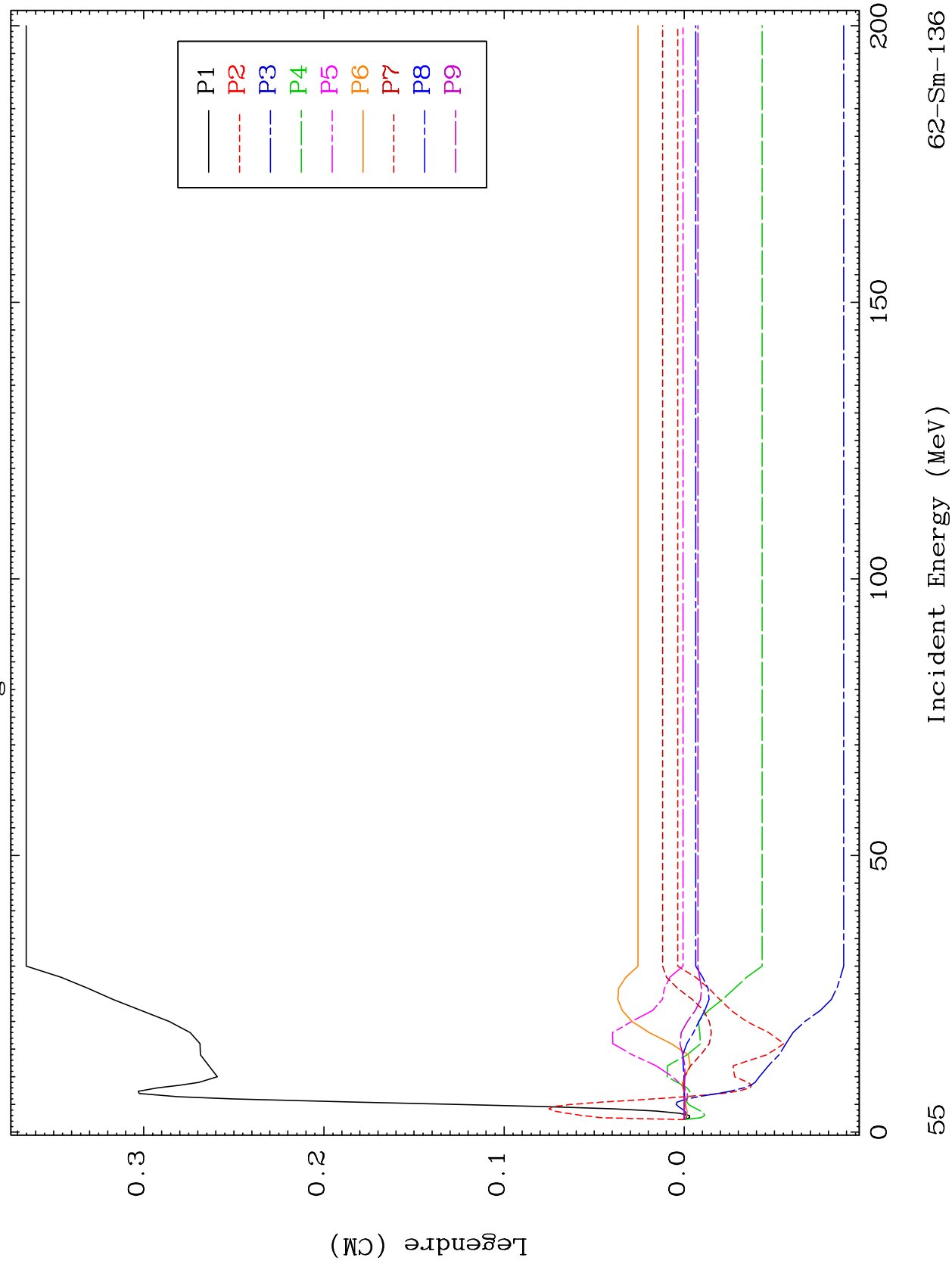


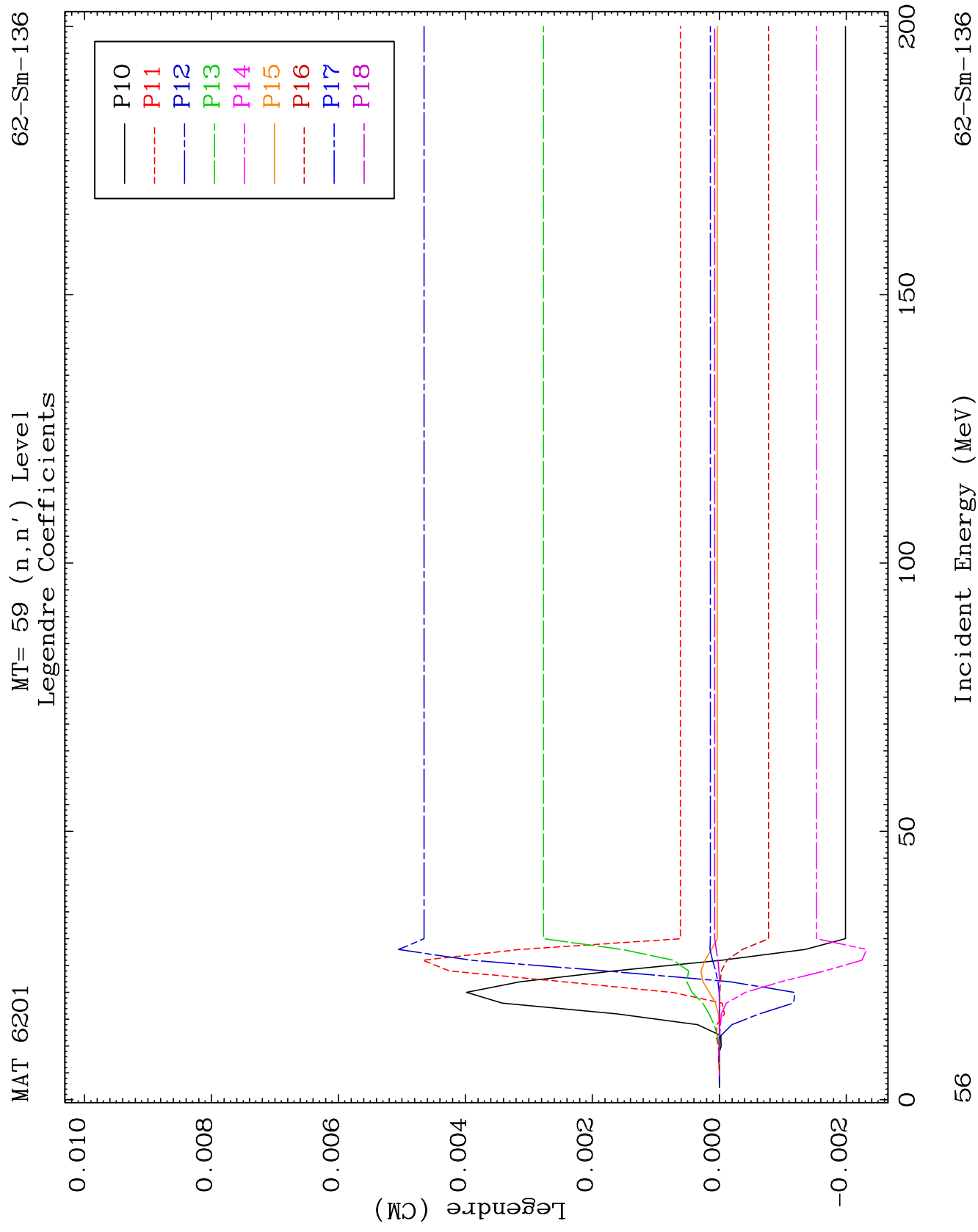


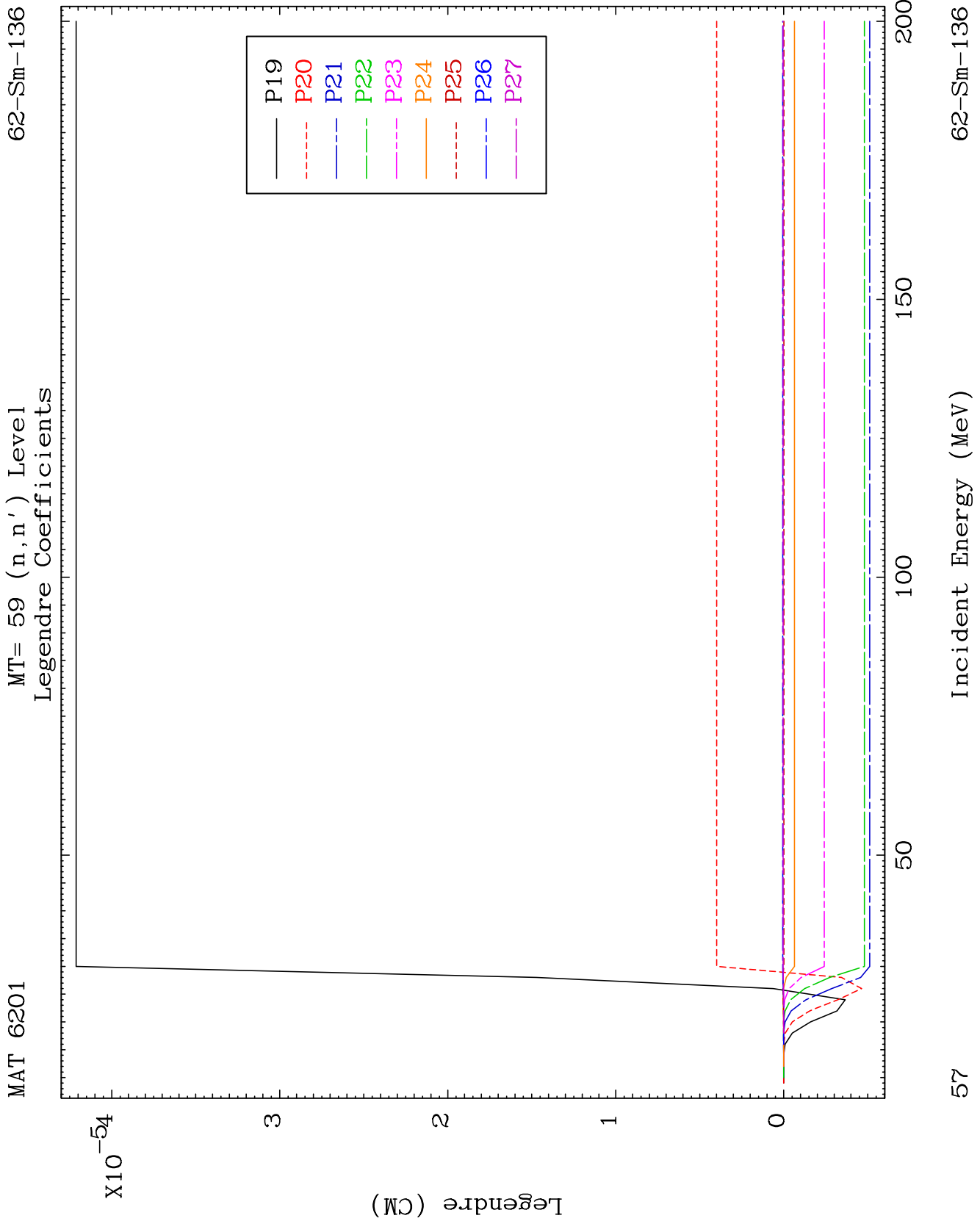
MAT 6201

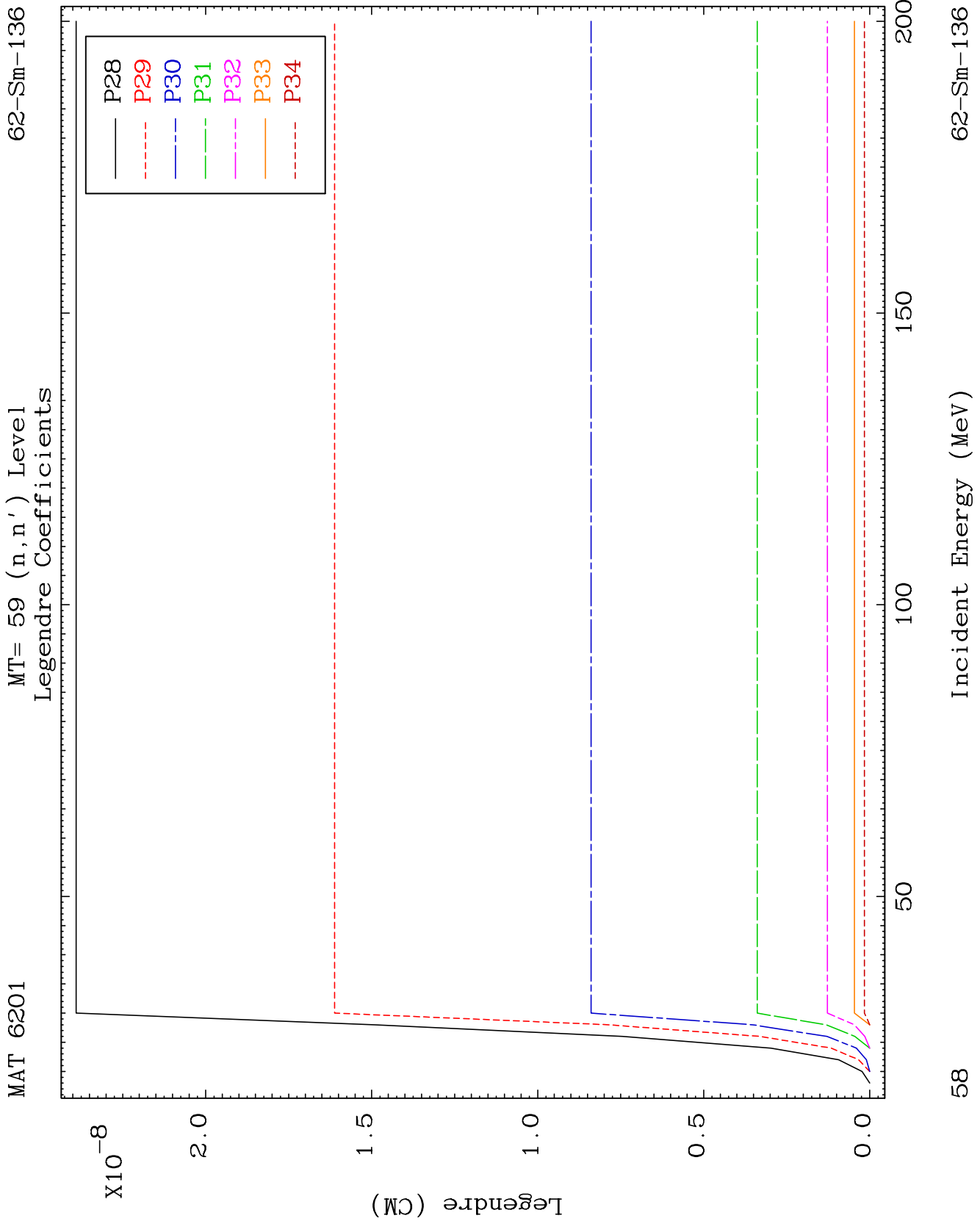
MT= 59 (n, n') Level
Legendre Coefficients

62-Sm-136





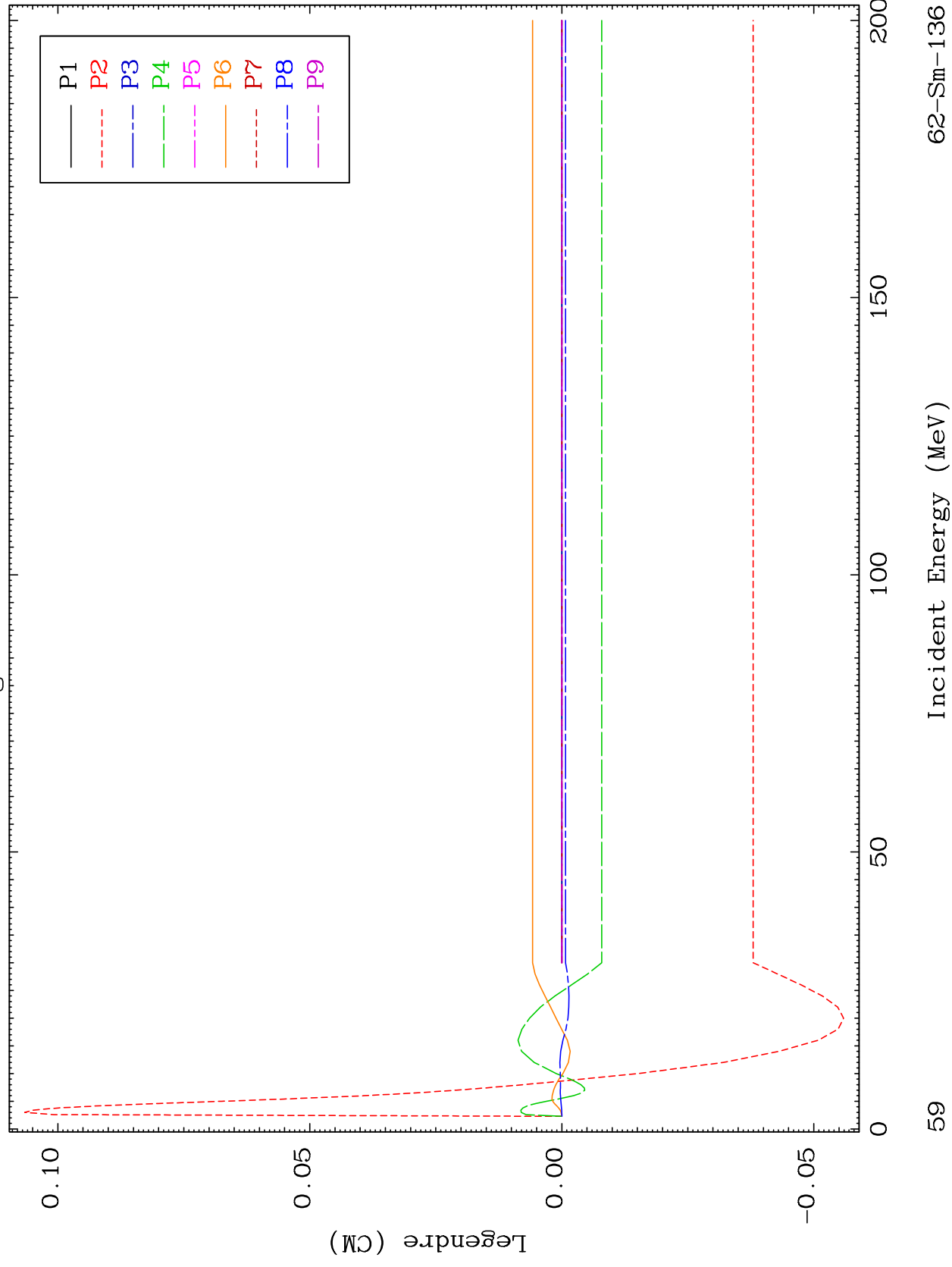


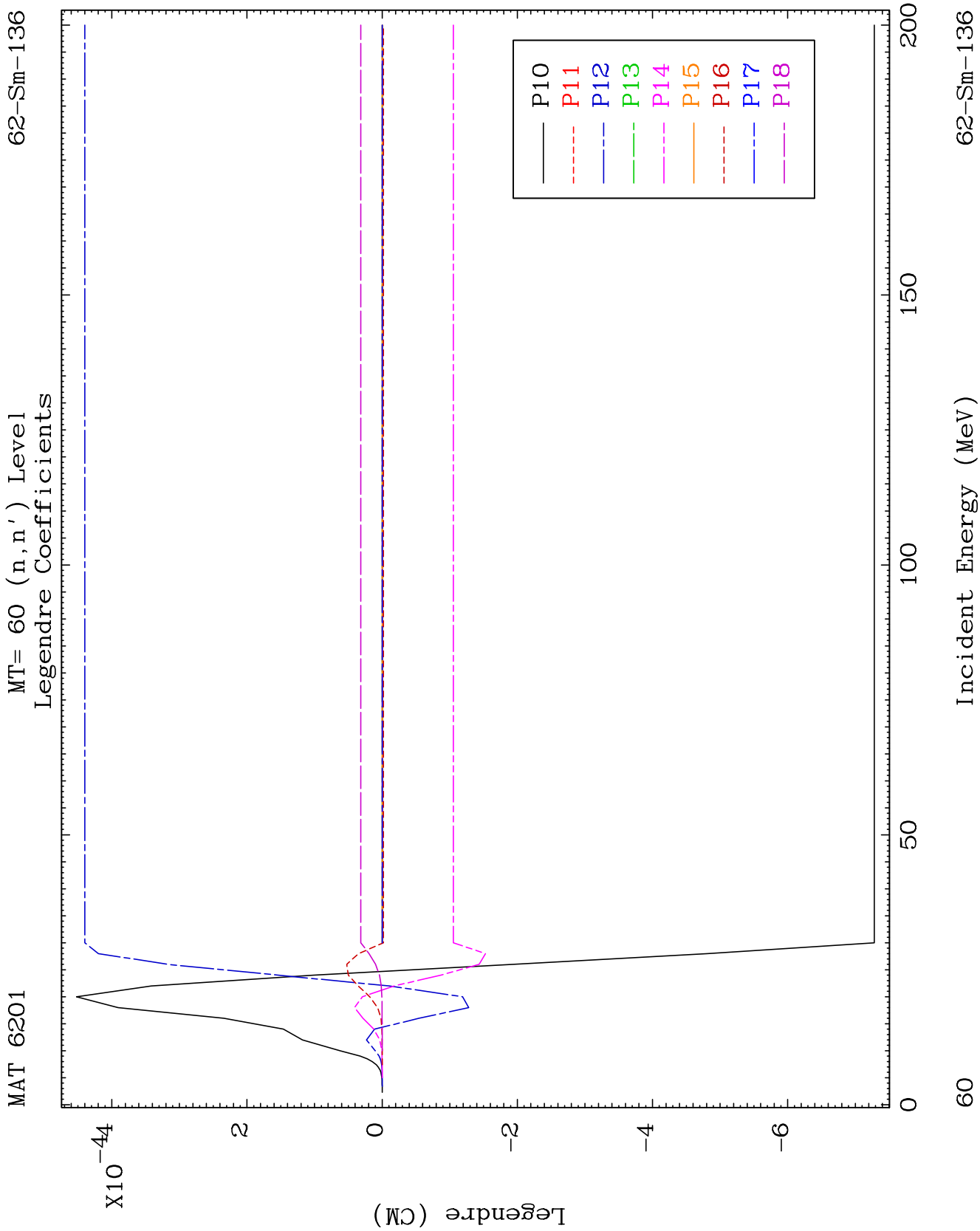


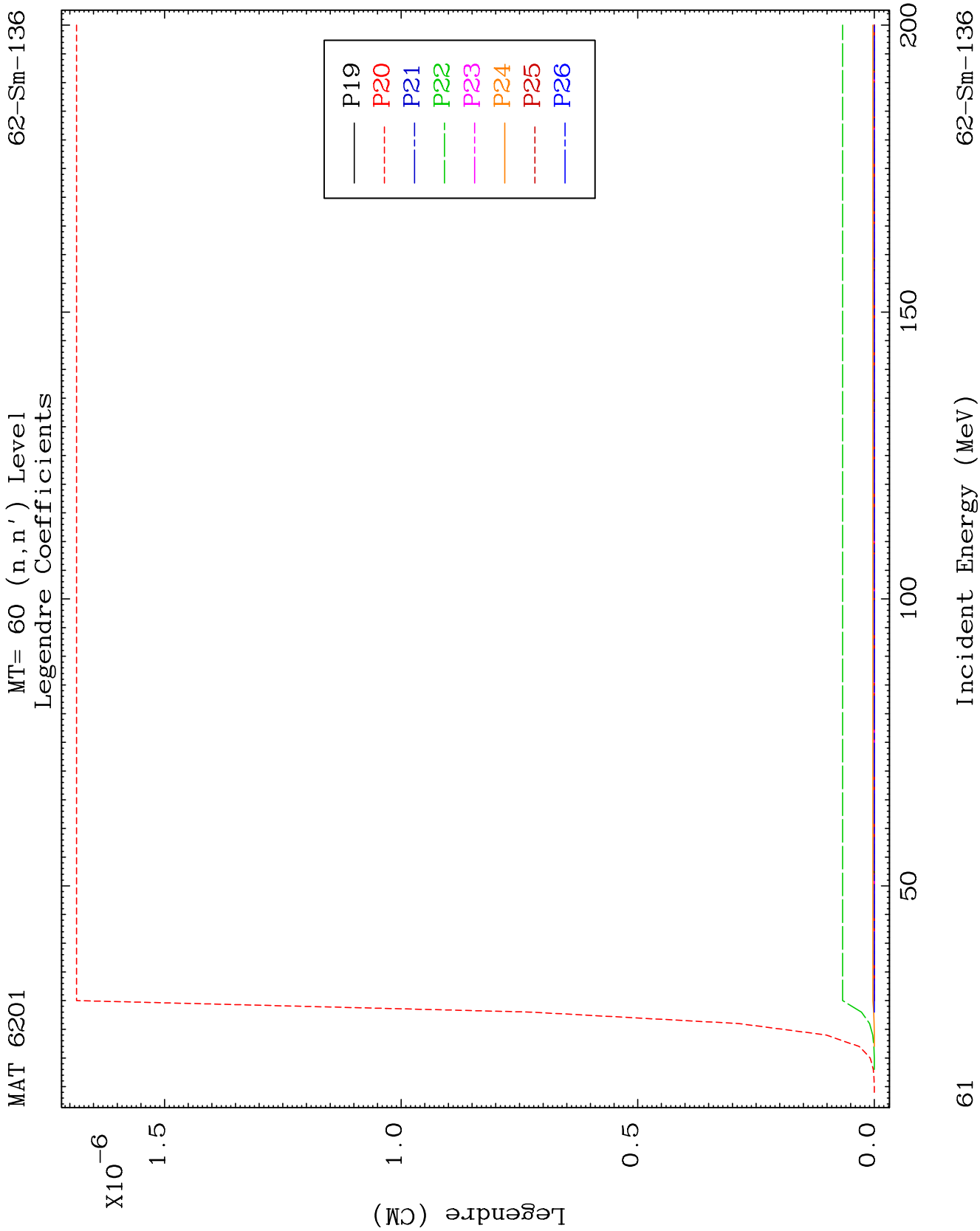
MAT 6201

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

62-Sm-136



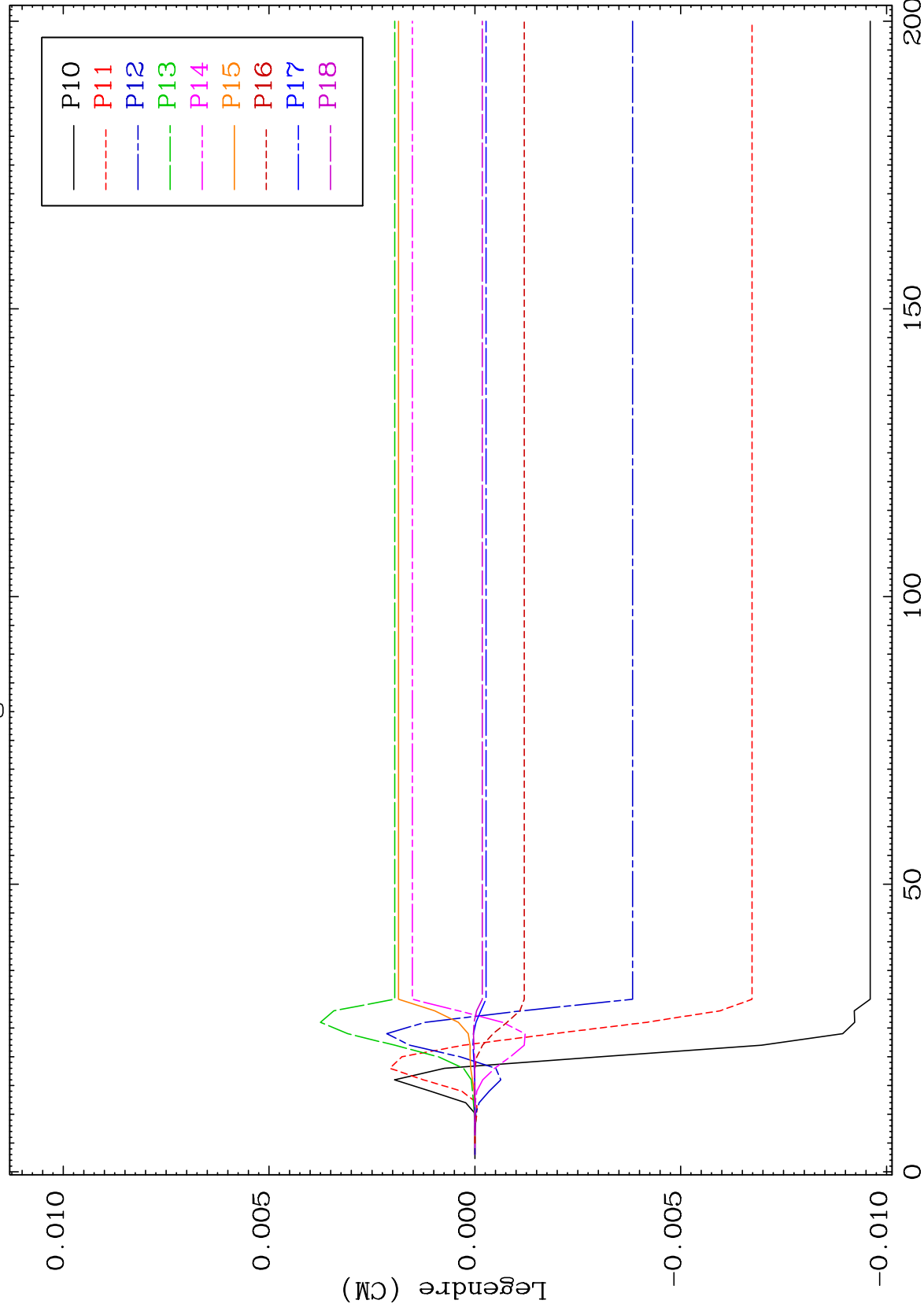




MAT 6201

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

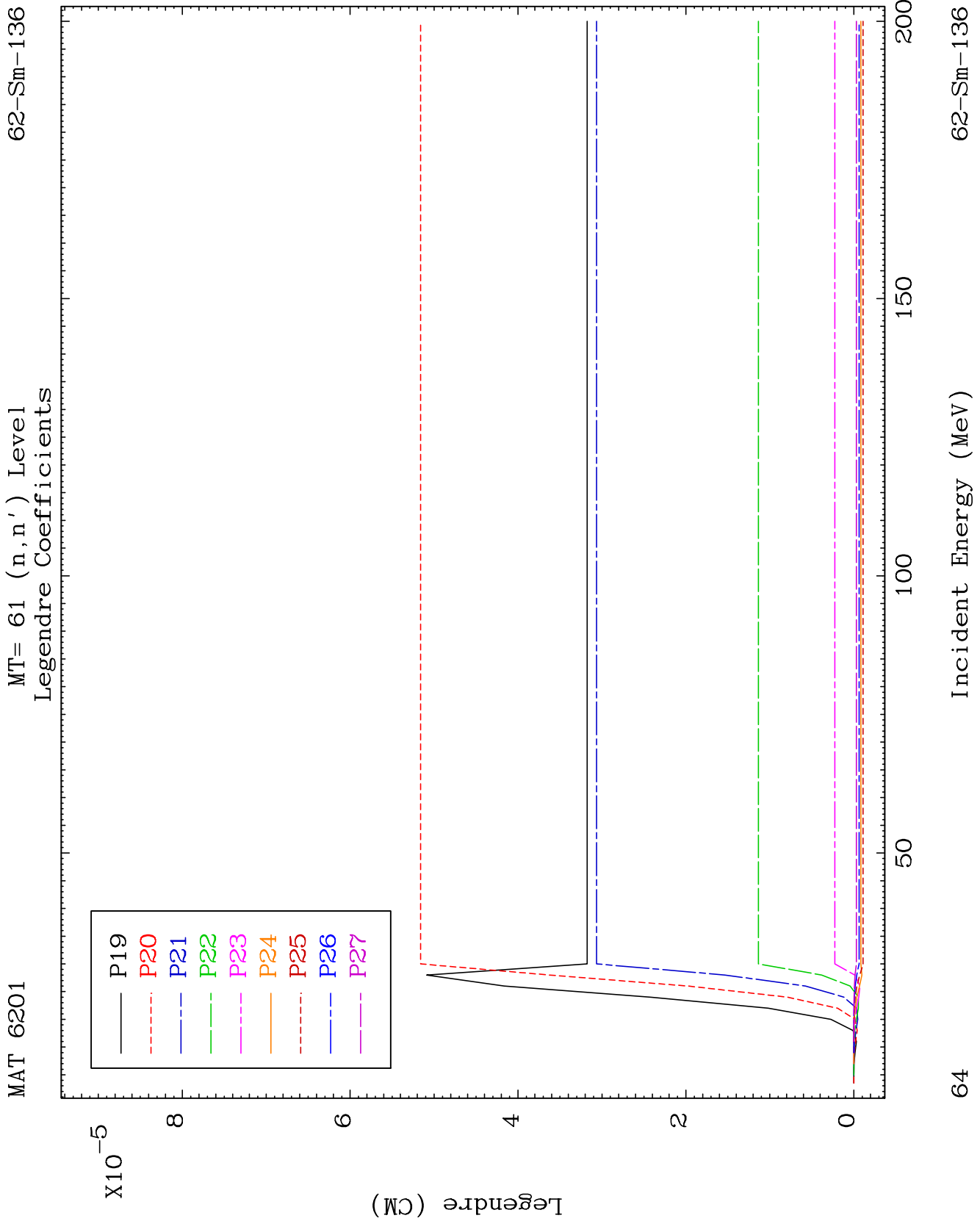
62-Sm-136

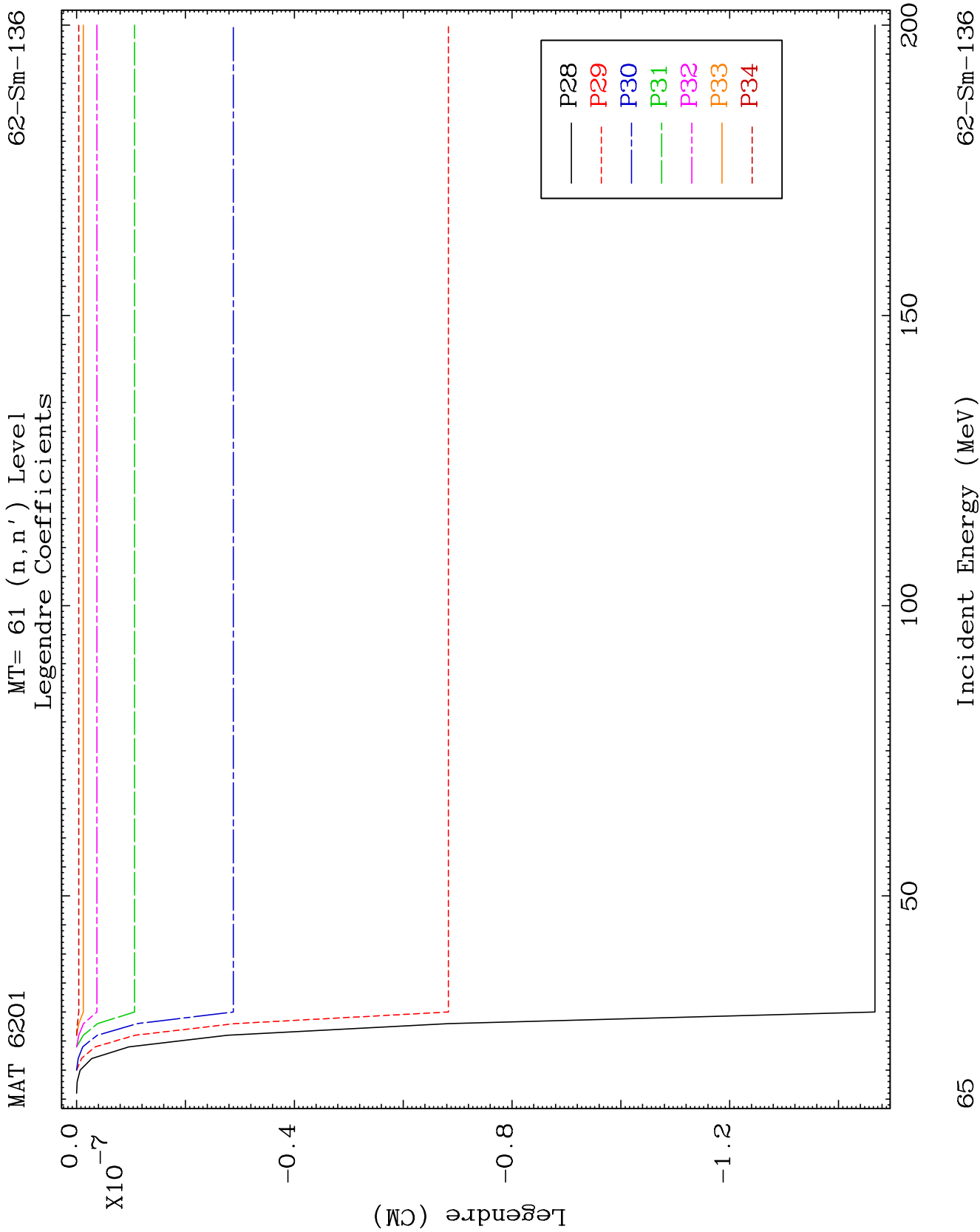


63

Incident Energy (MeV)

62-Sm-136

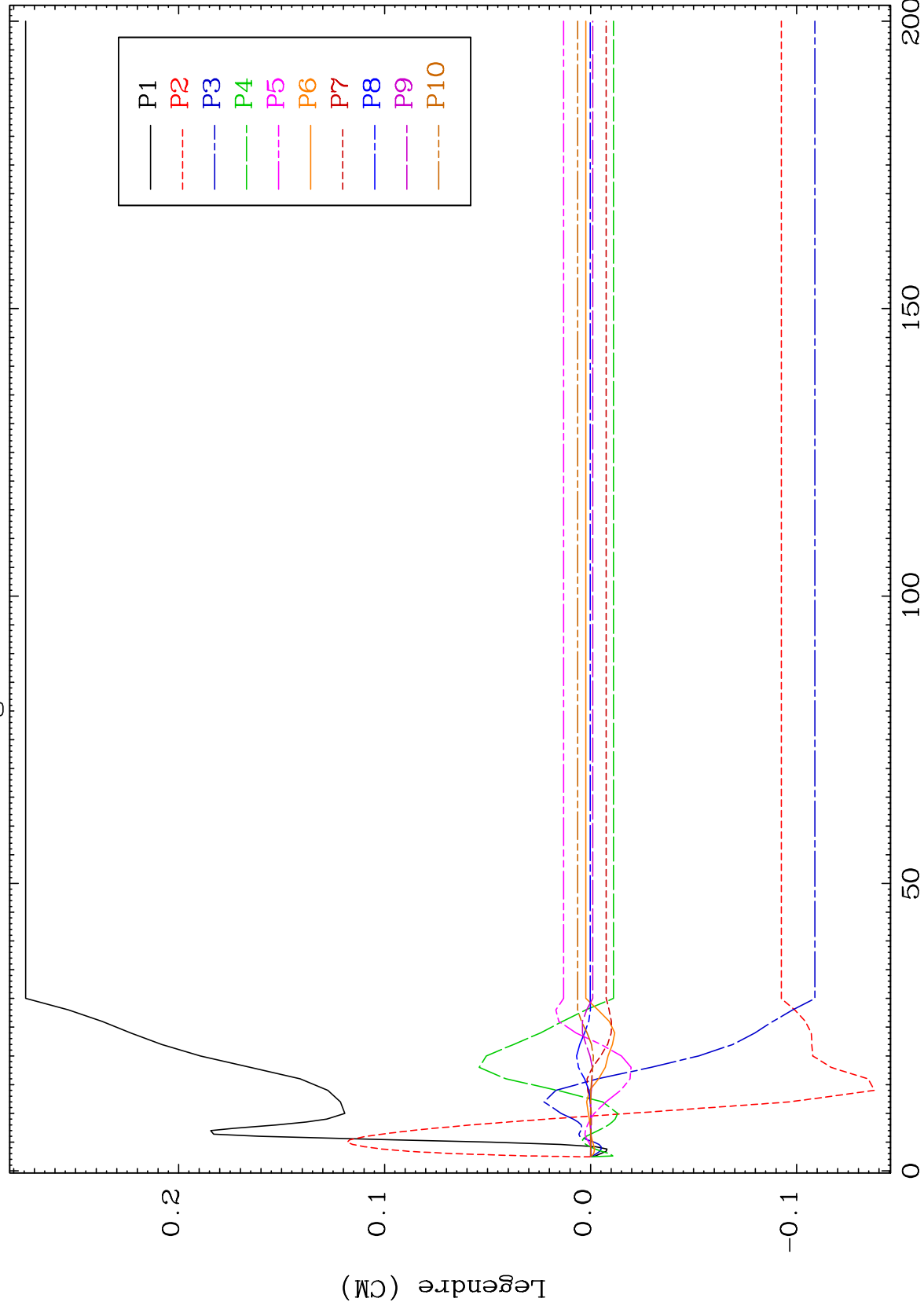




MAT 6201

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

62-Sm-136



66

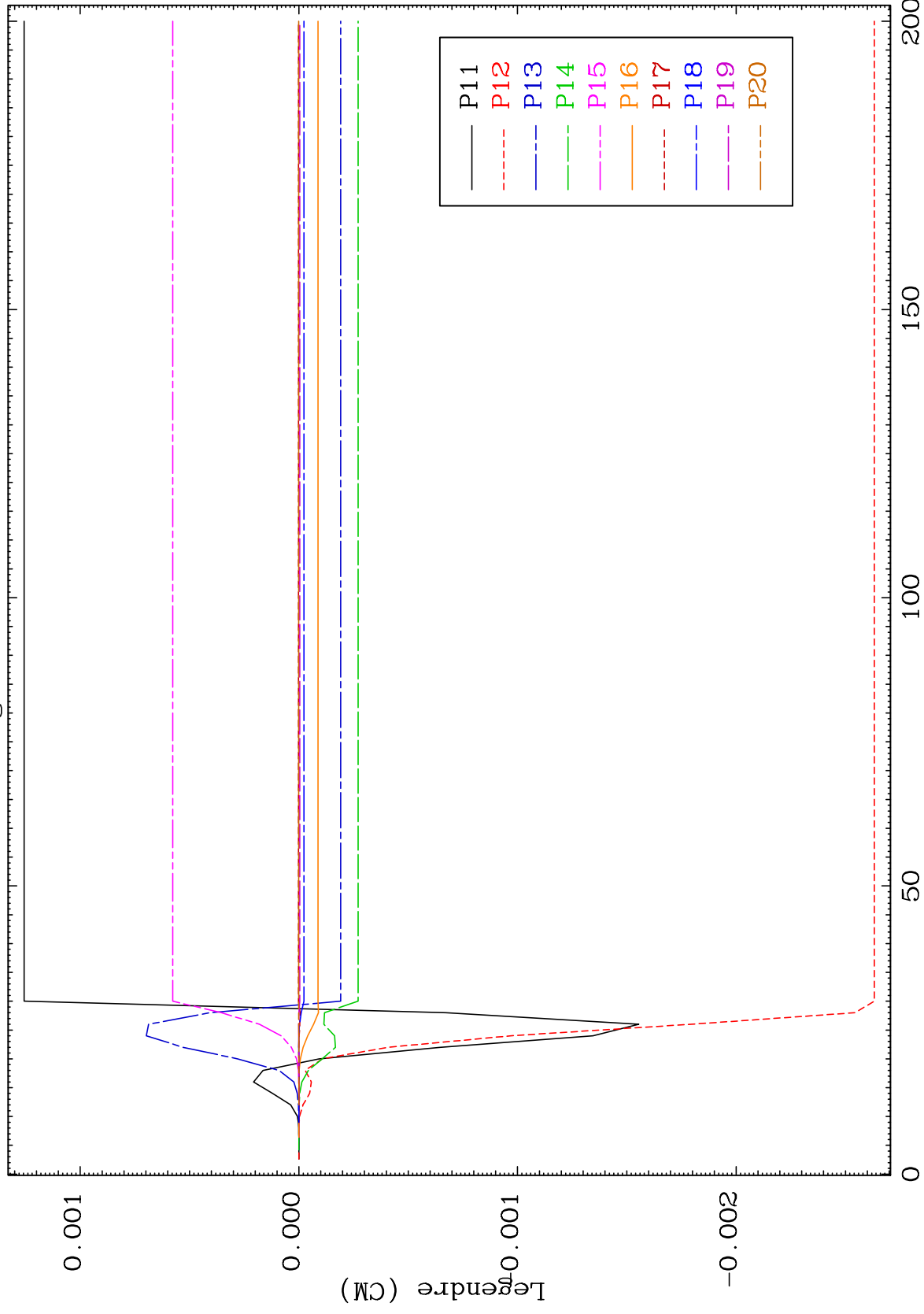
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

62-Sm-136



67

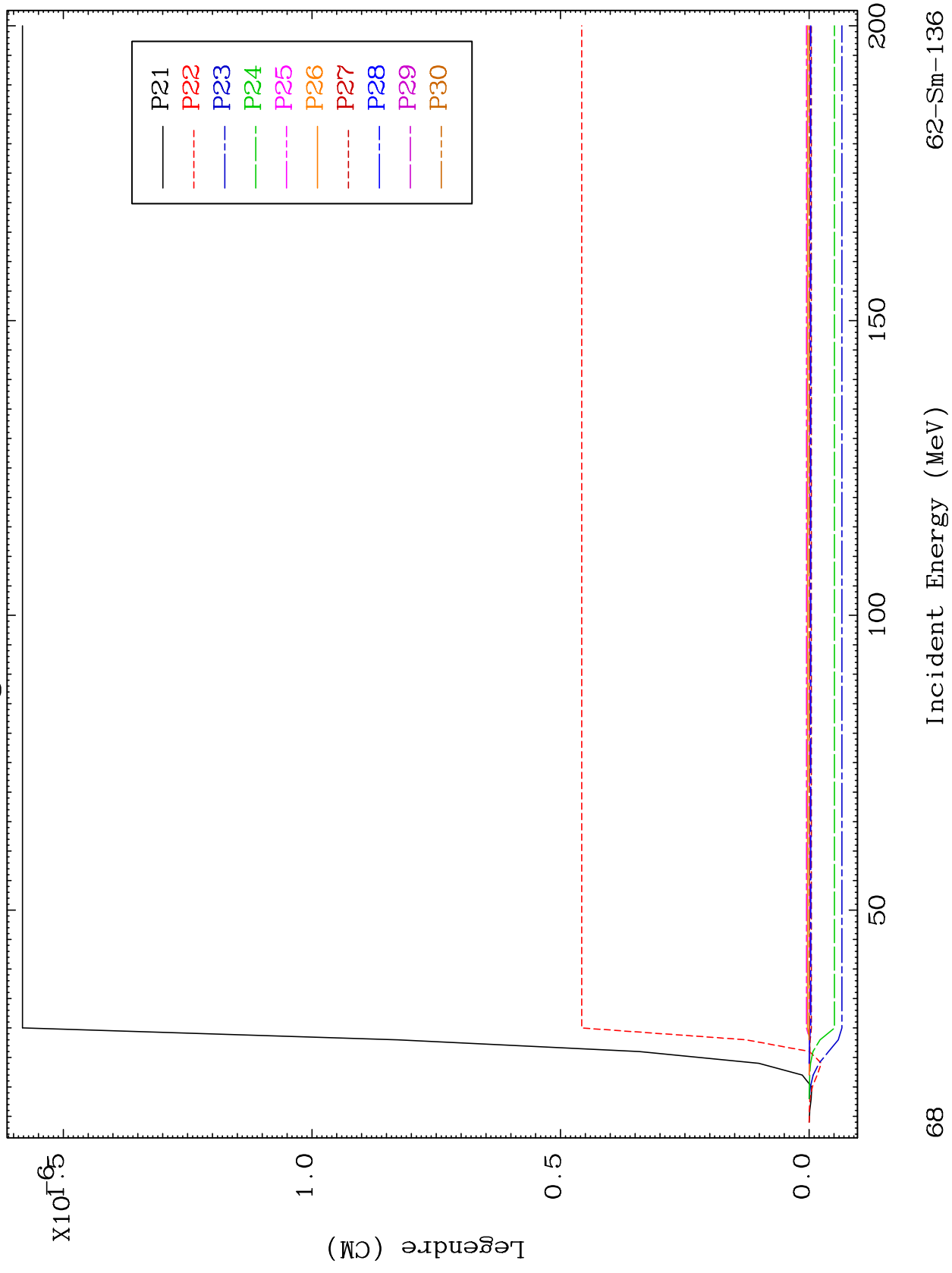
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

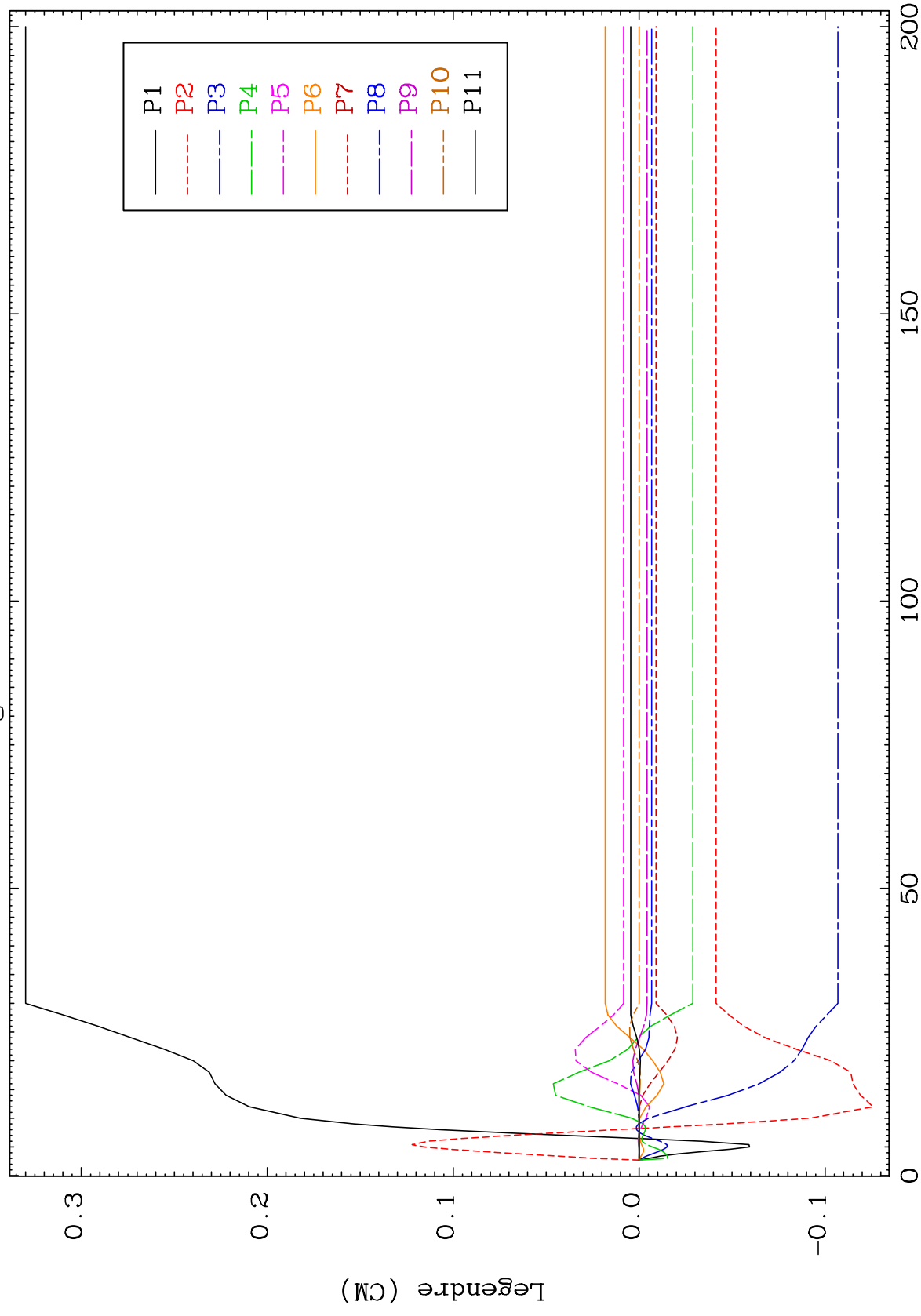
62-Sm-136



MAT 6201

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

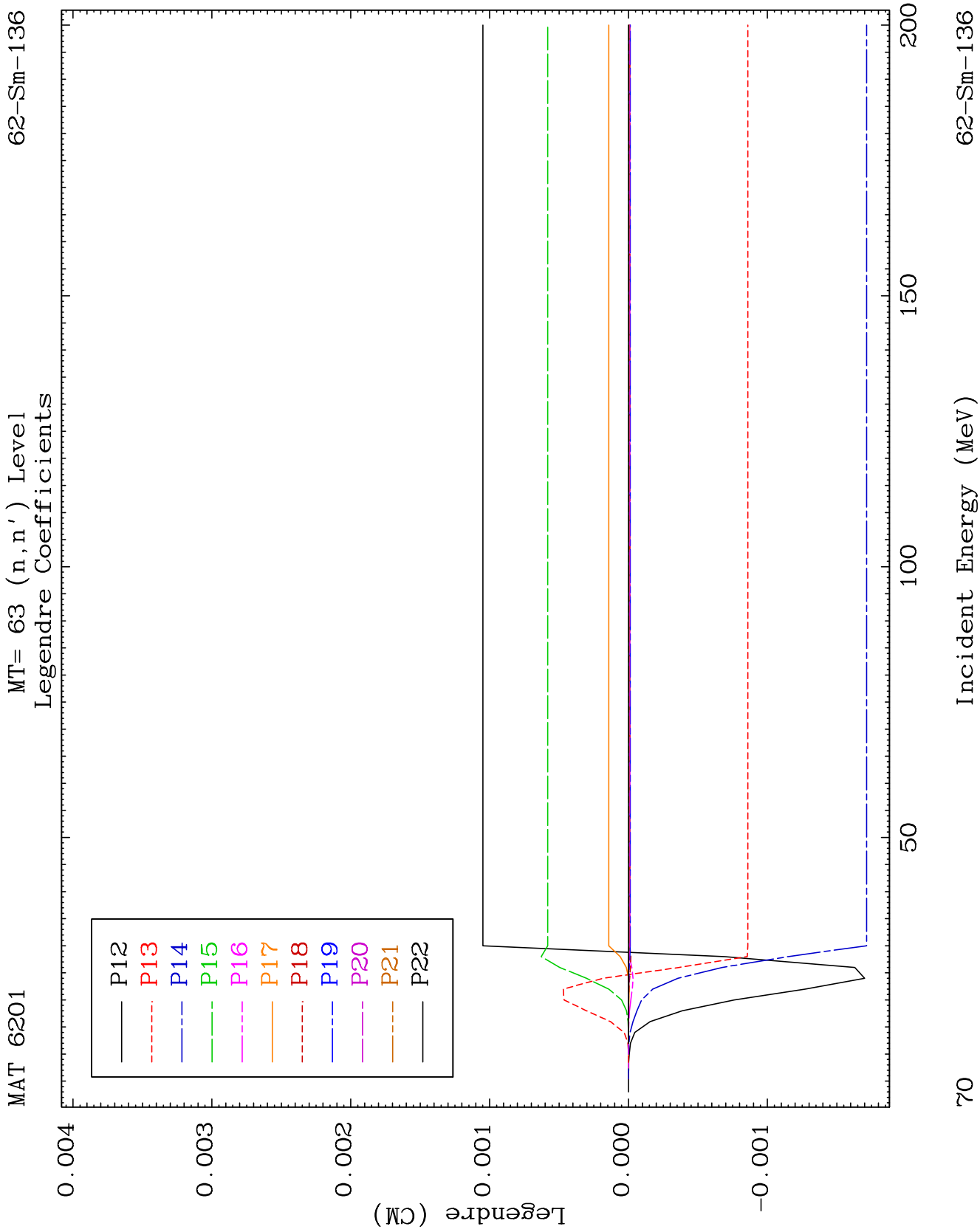
62-Sm-136

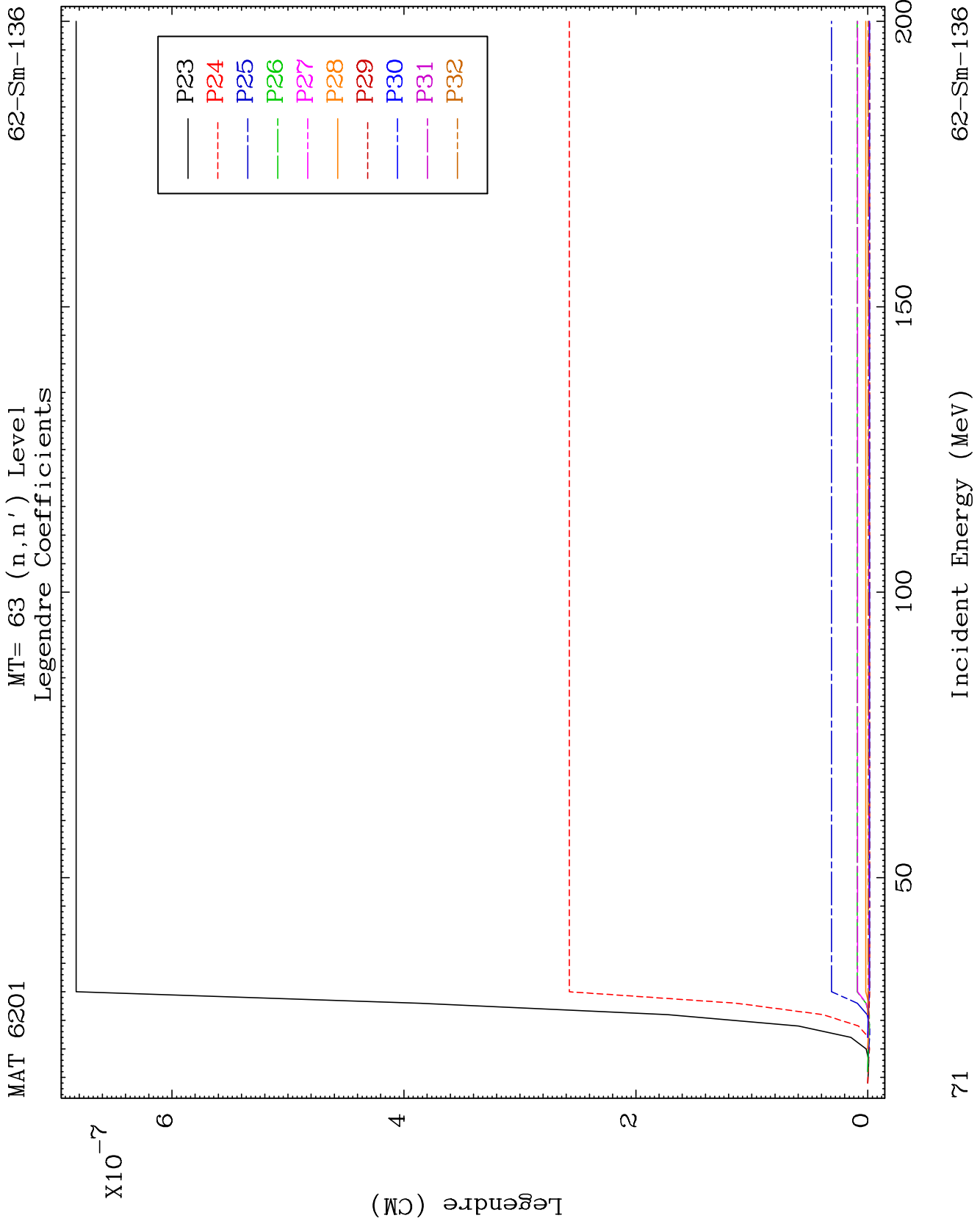


99

Incident Energy (MeV)

62-Sm-136

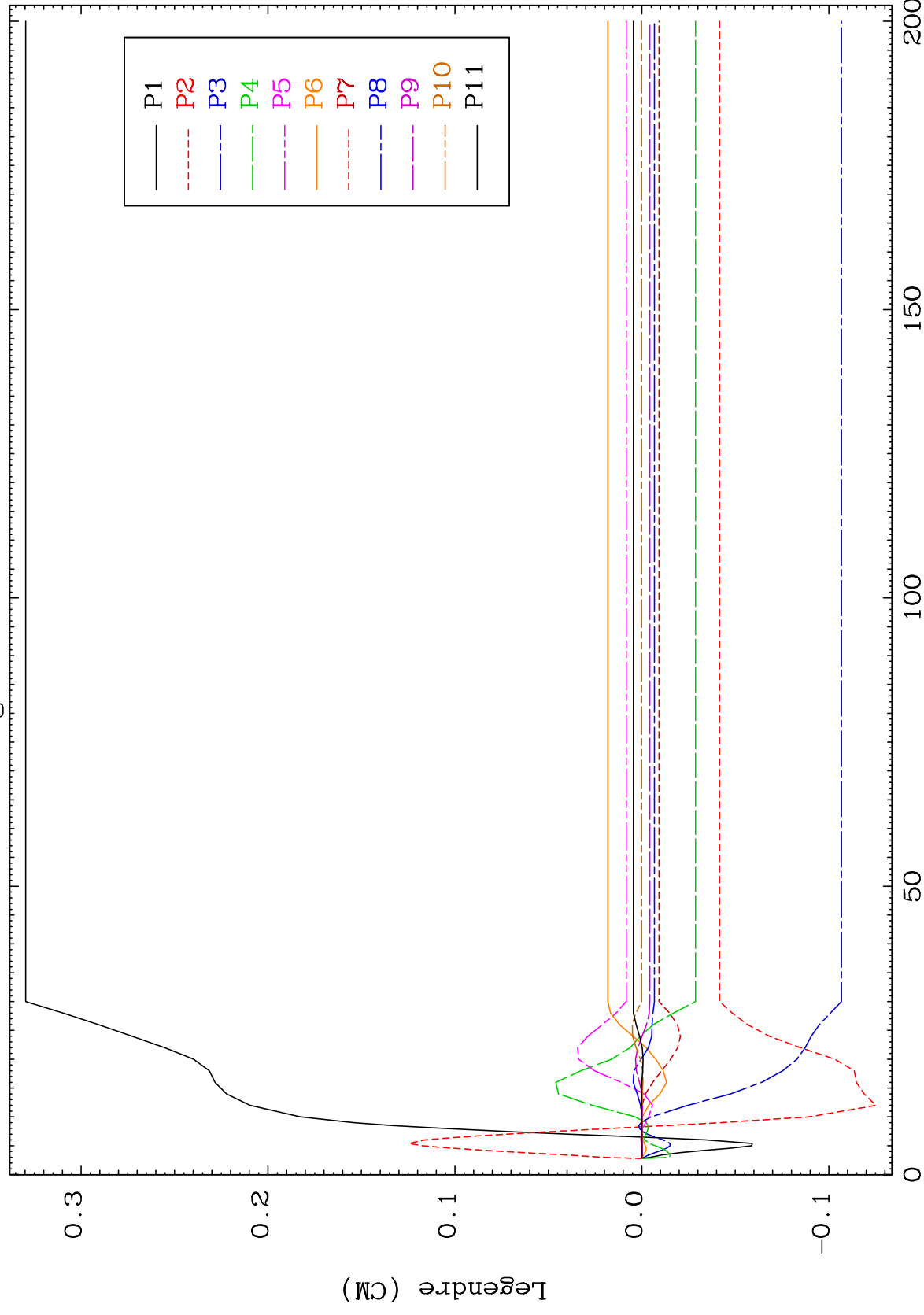




MAT 6201

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

62-Sm-136



22

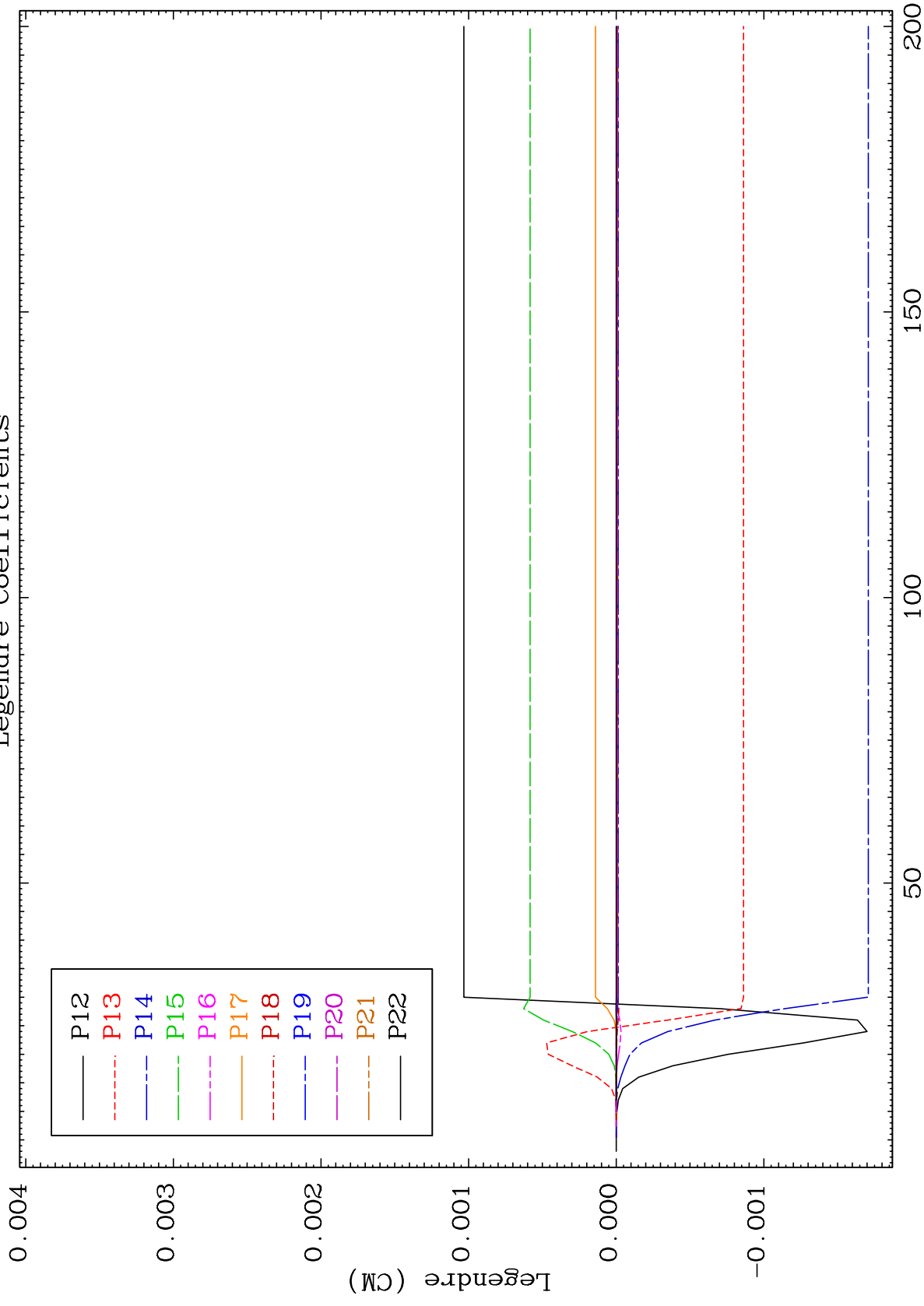
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

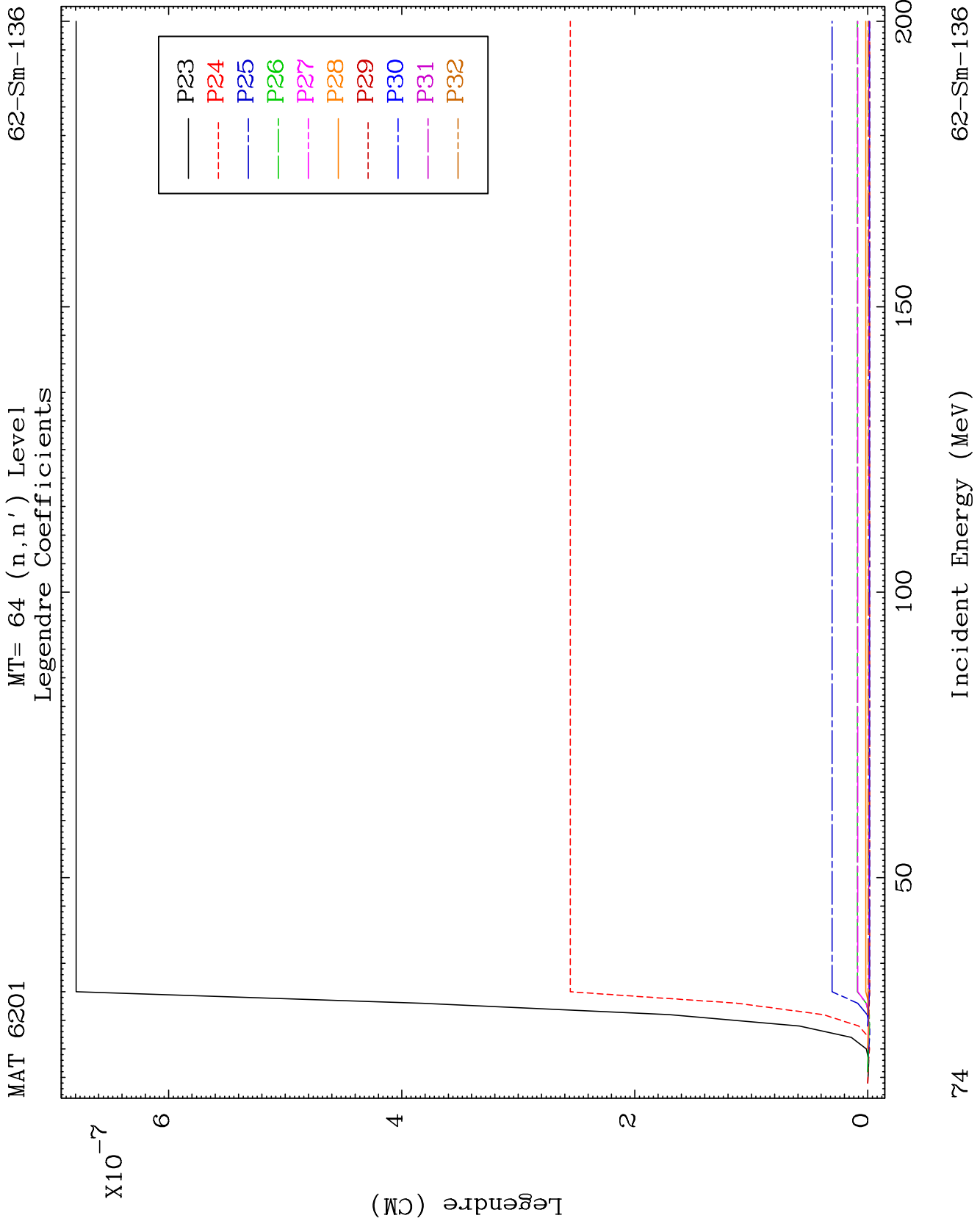
62-Sm-136



23

Incident Energy (MeV)

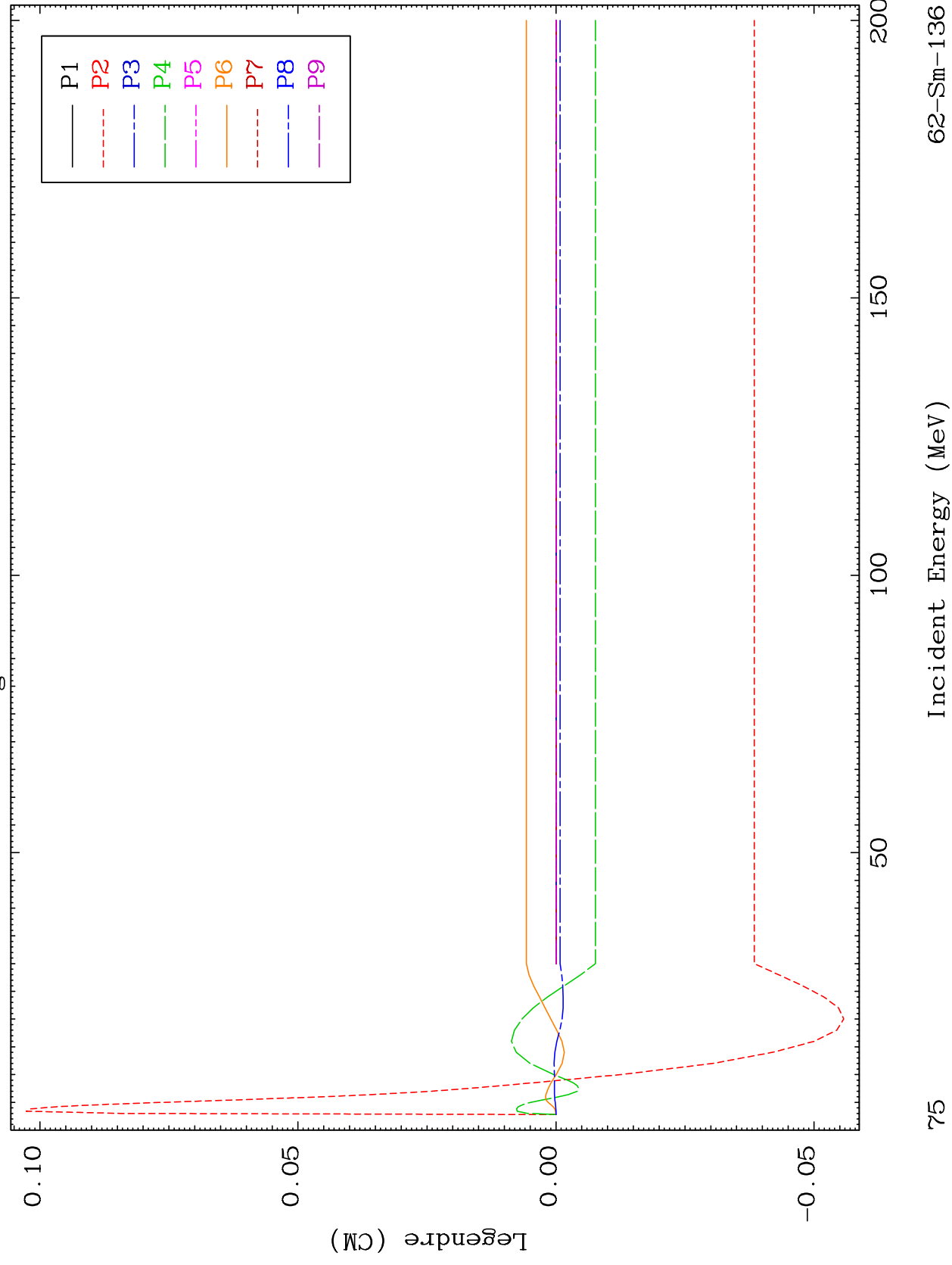
62-Sm-136

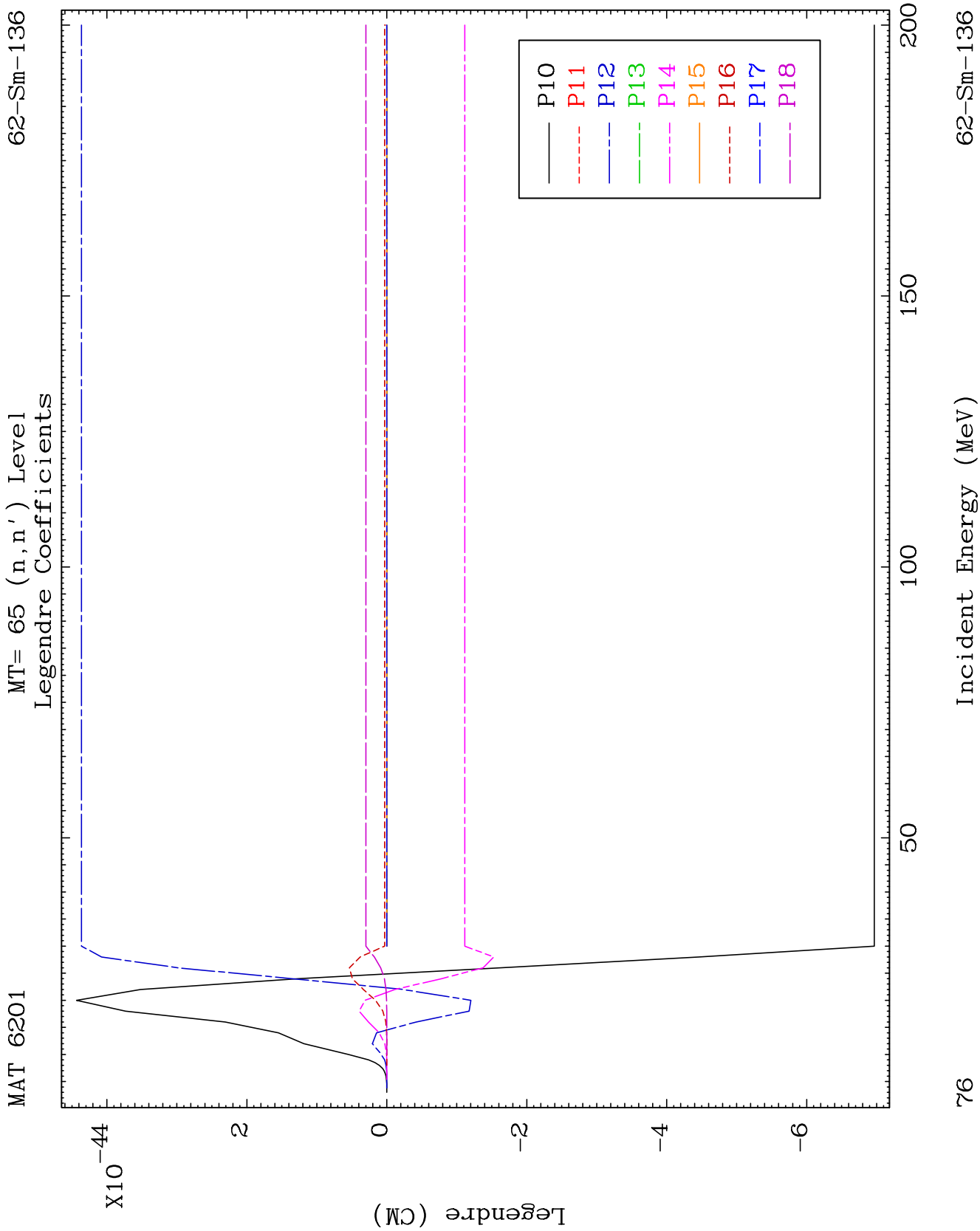


MAT 6201

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

62-Sm-136

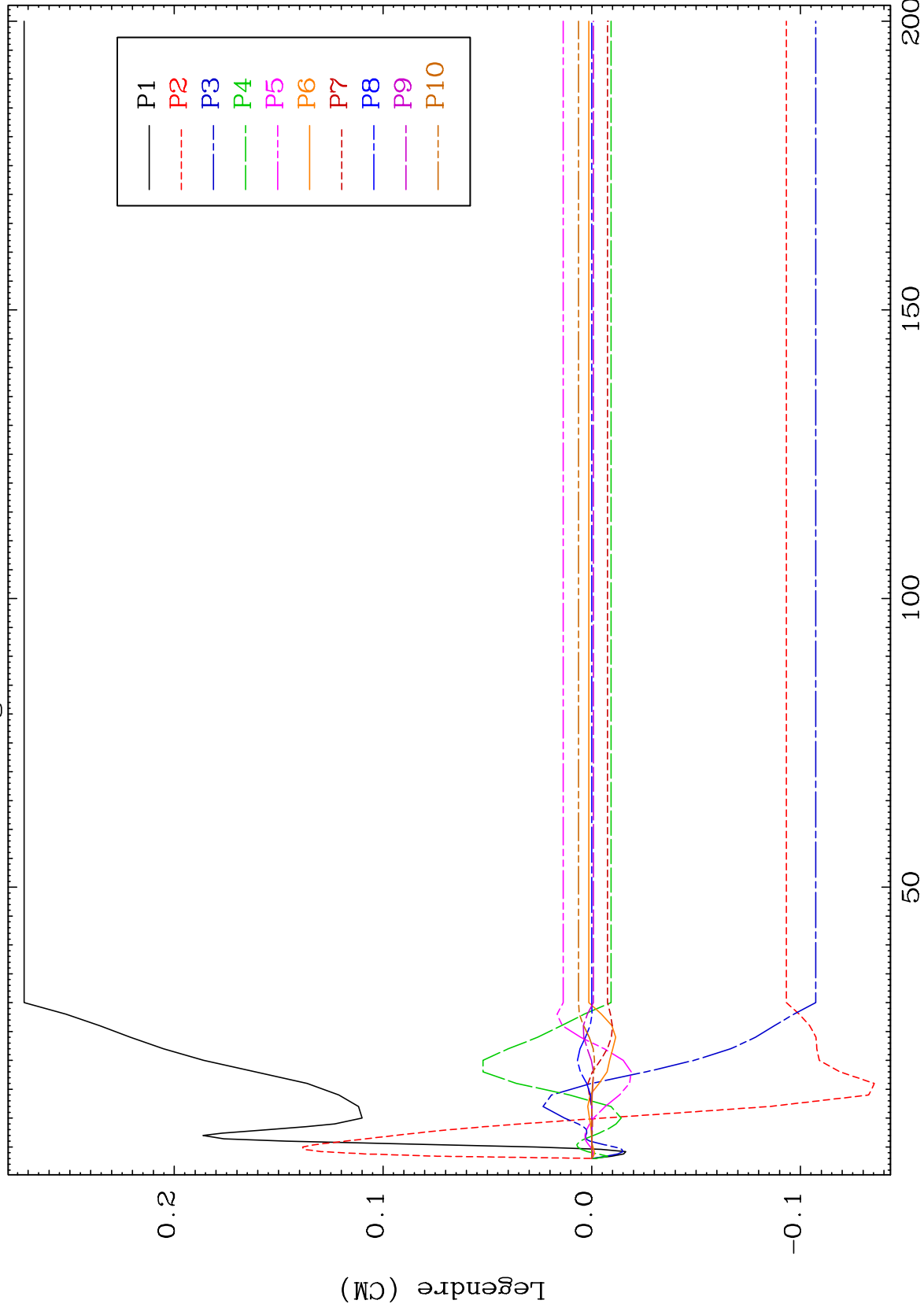




MAT 6201

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

62-Sm-136



82

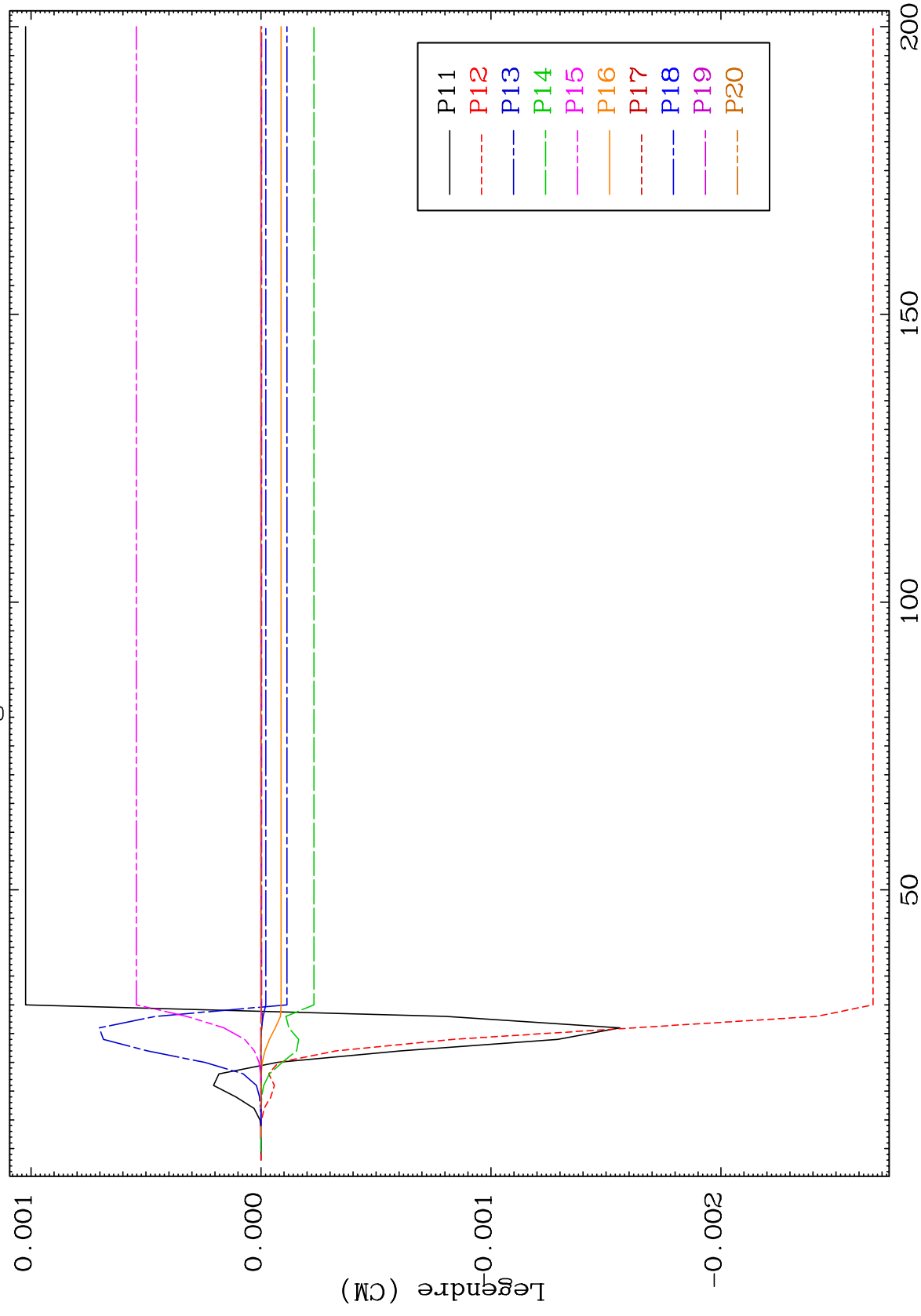
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

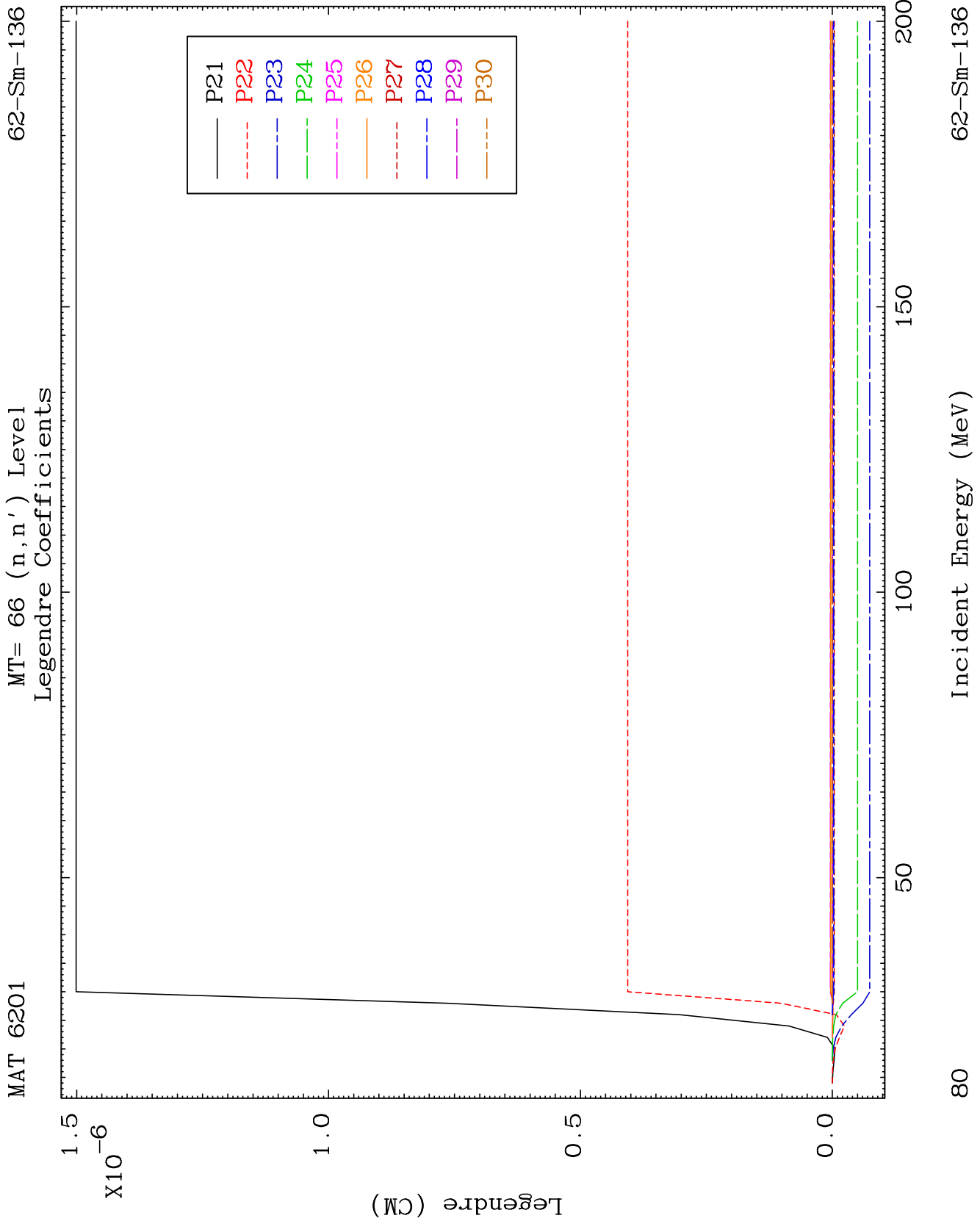
62-Sm-136

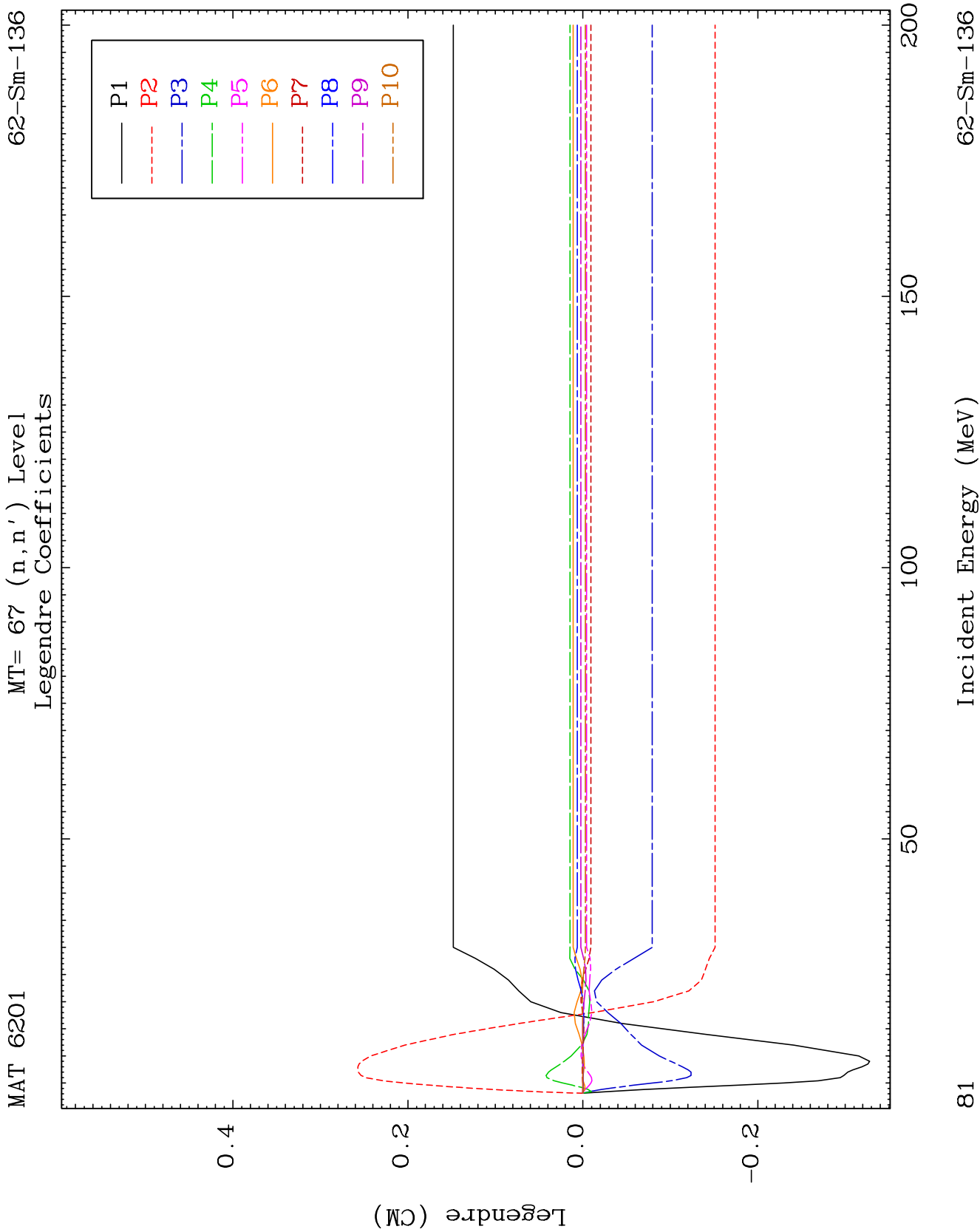


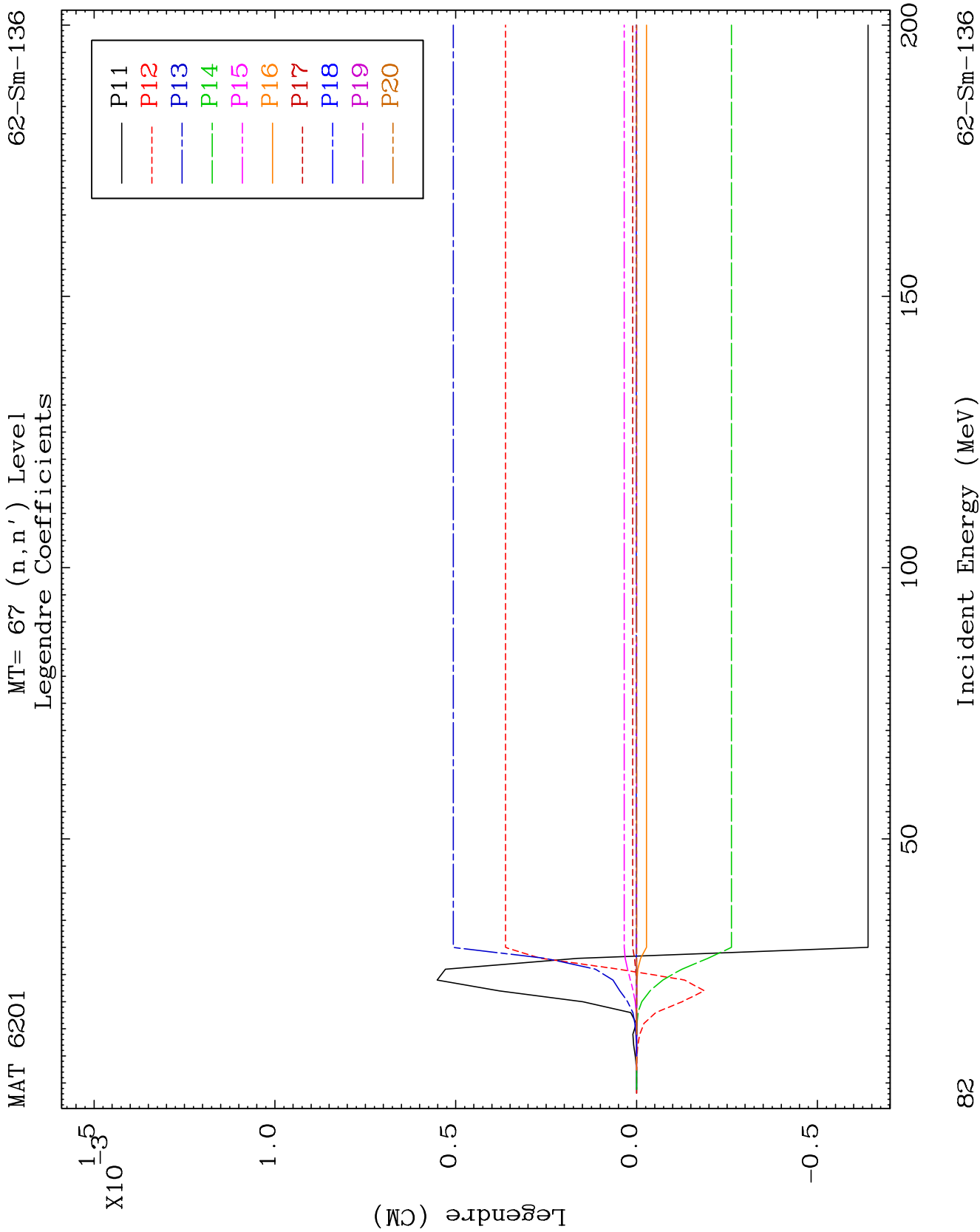
62

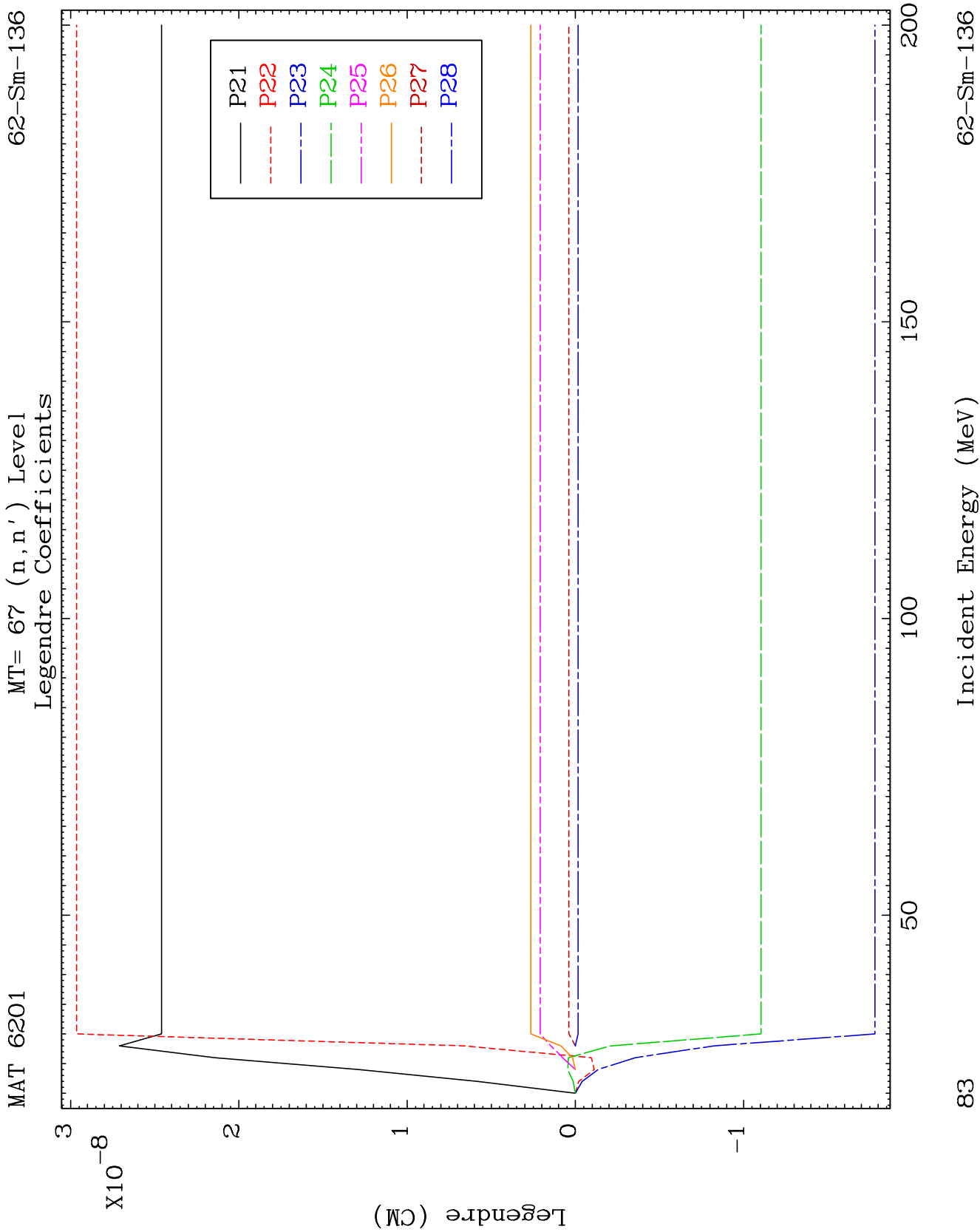
Incident Energy (MeV)

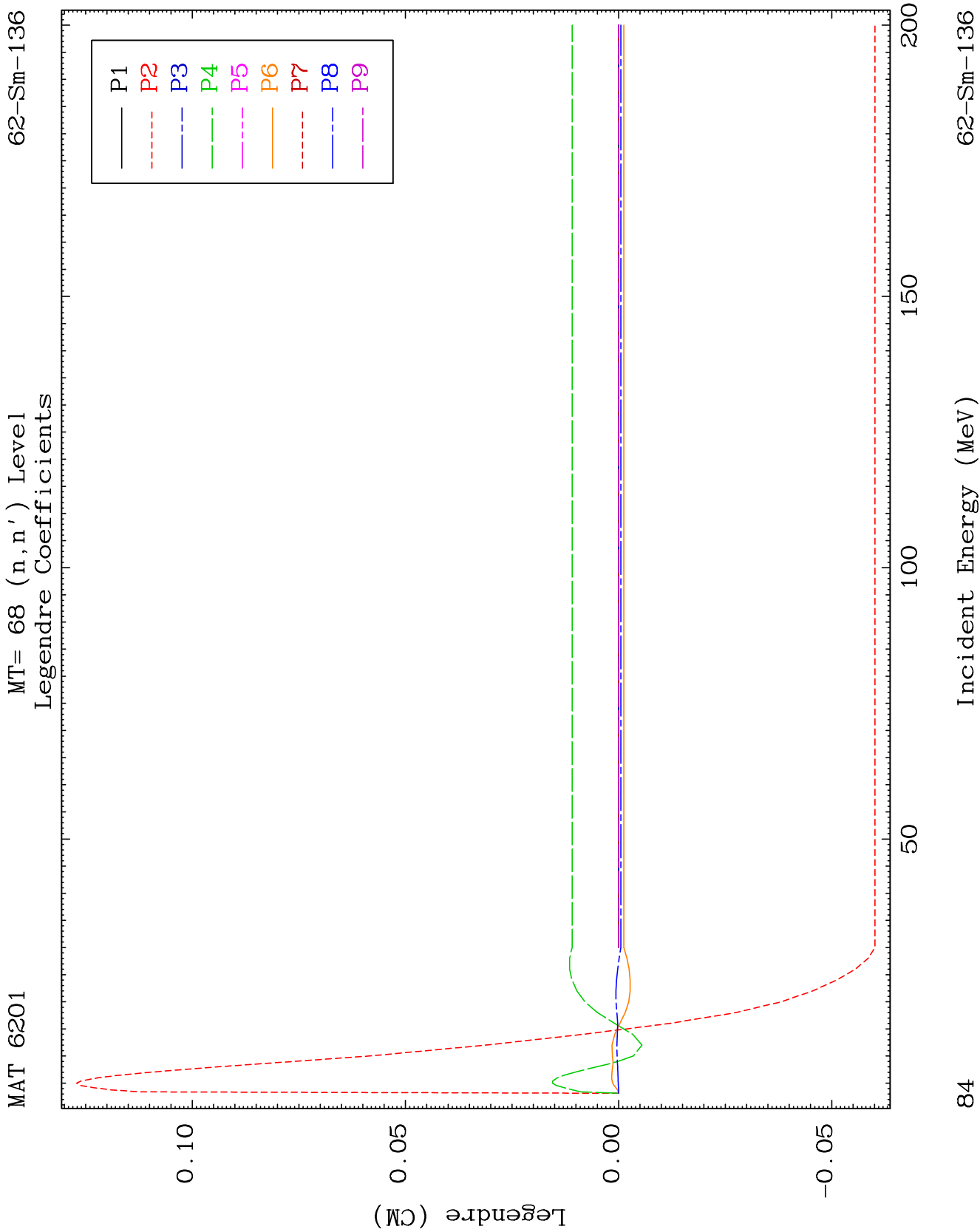
62-Sm-136

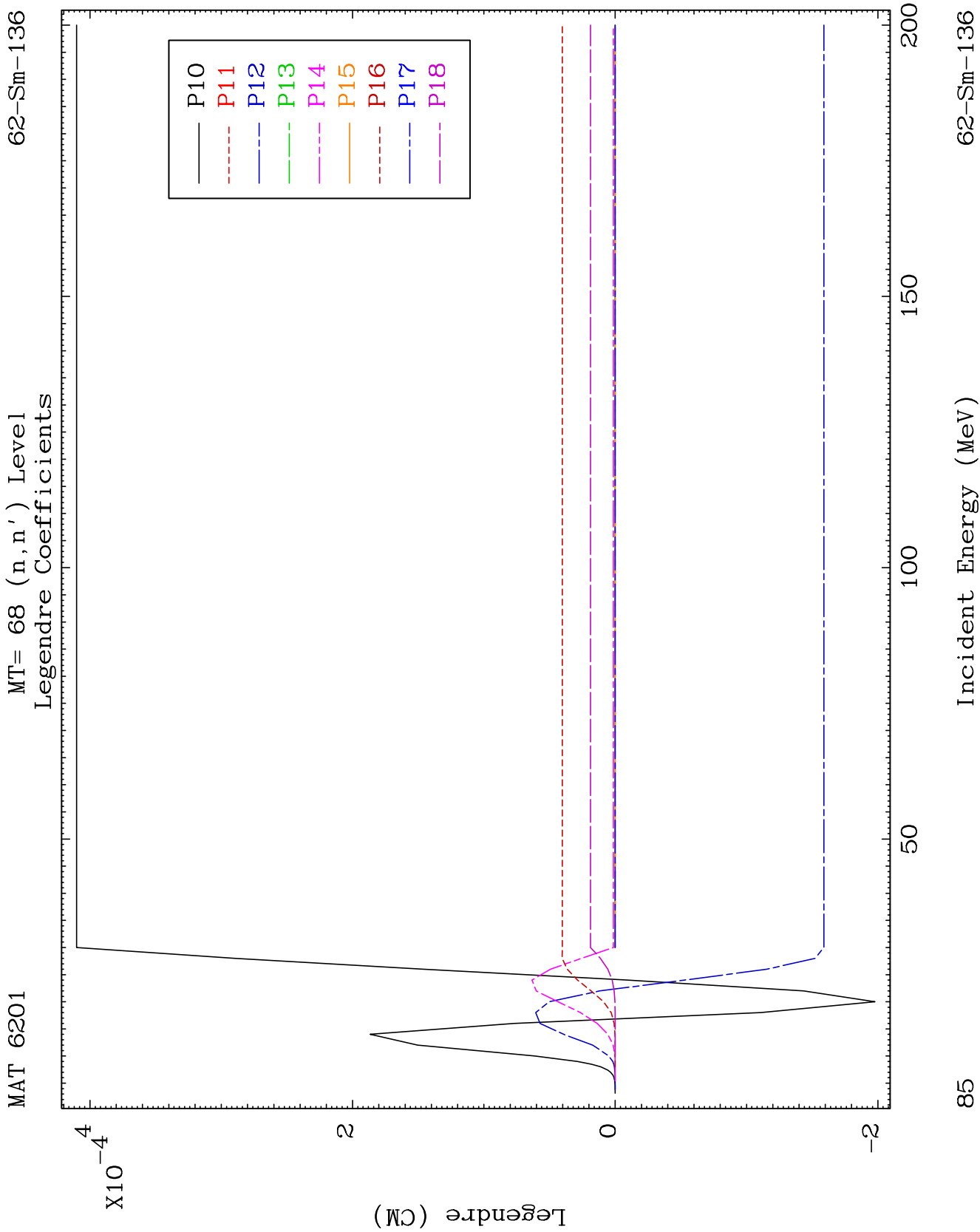


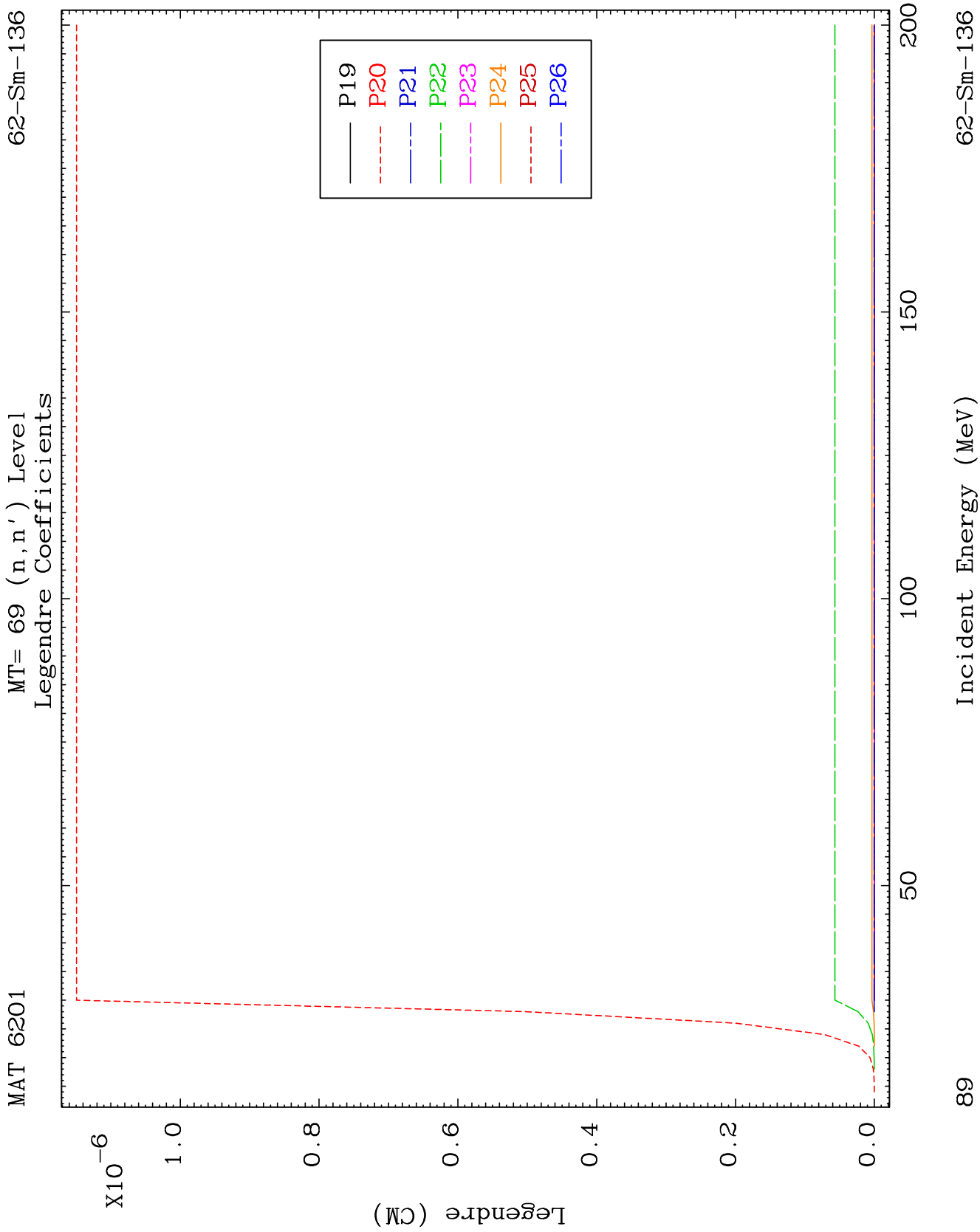








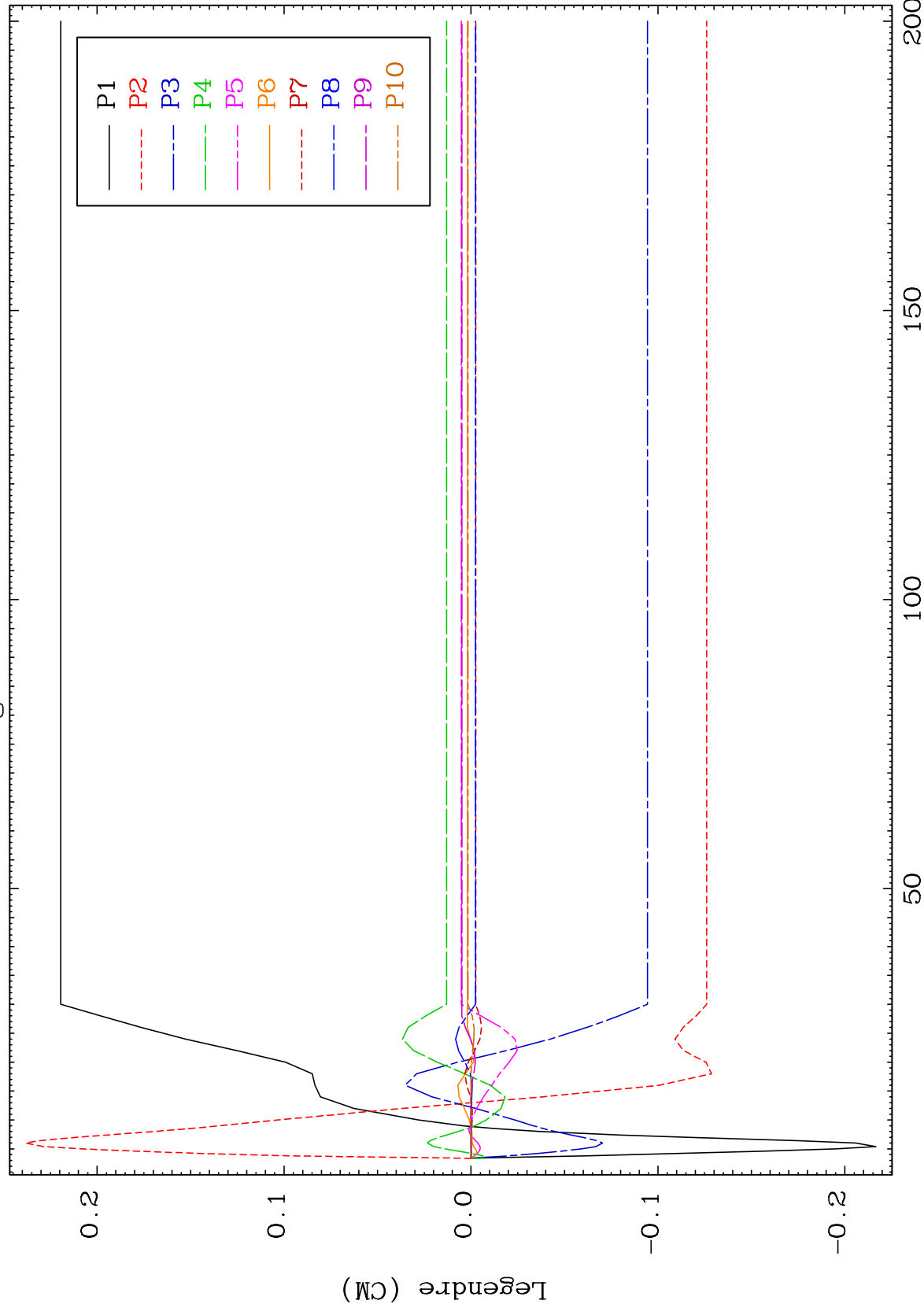




MAT 6201

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

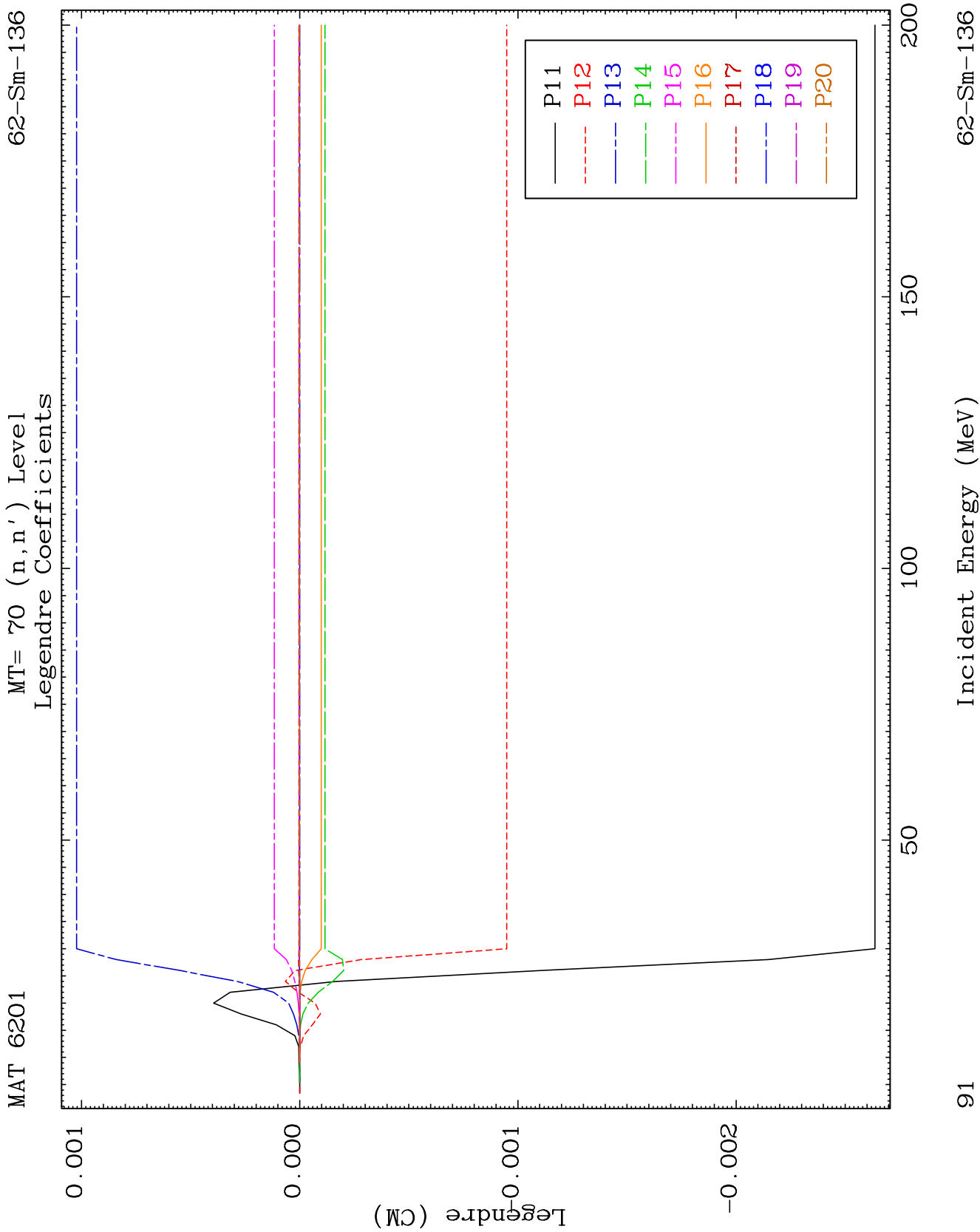
62-Sm-136

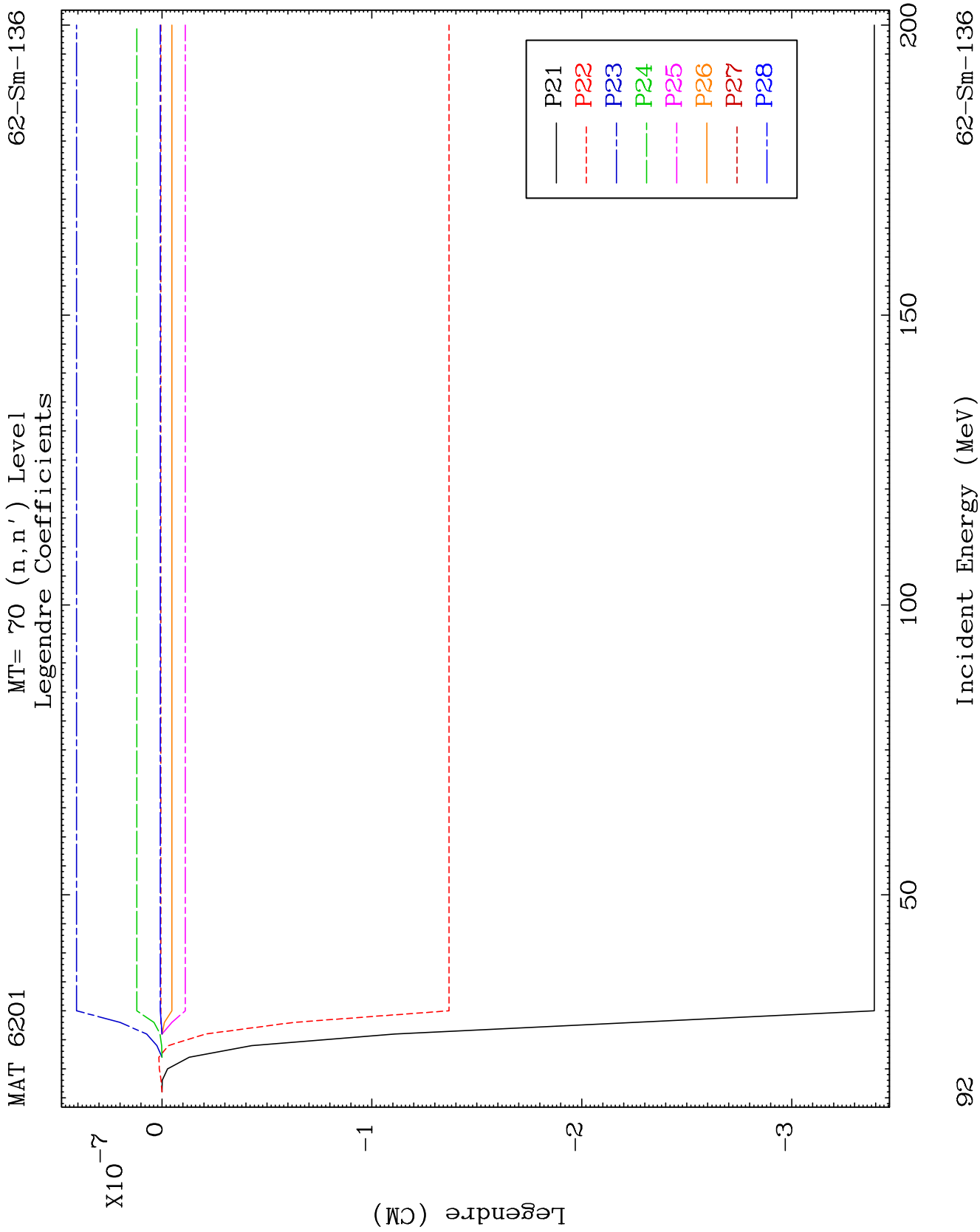


96

Incident Energy (MeV)

62-Sm-136

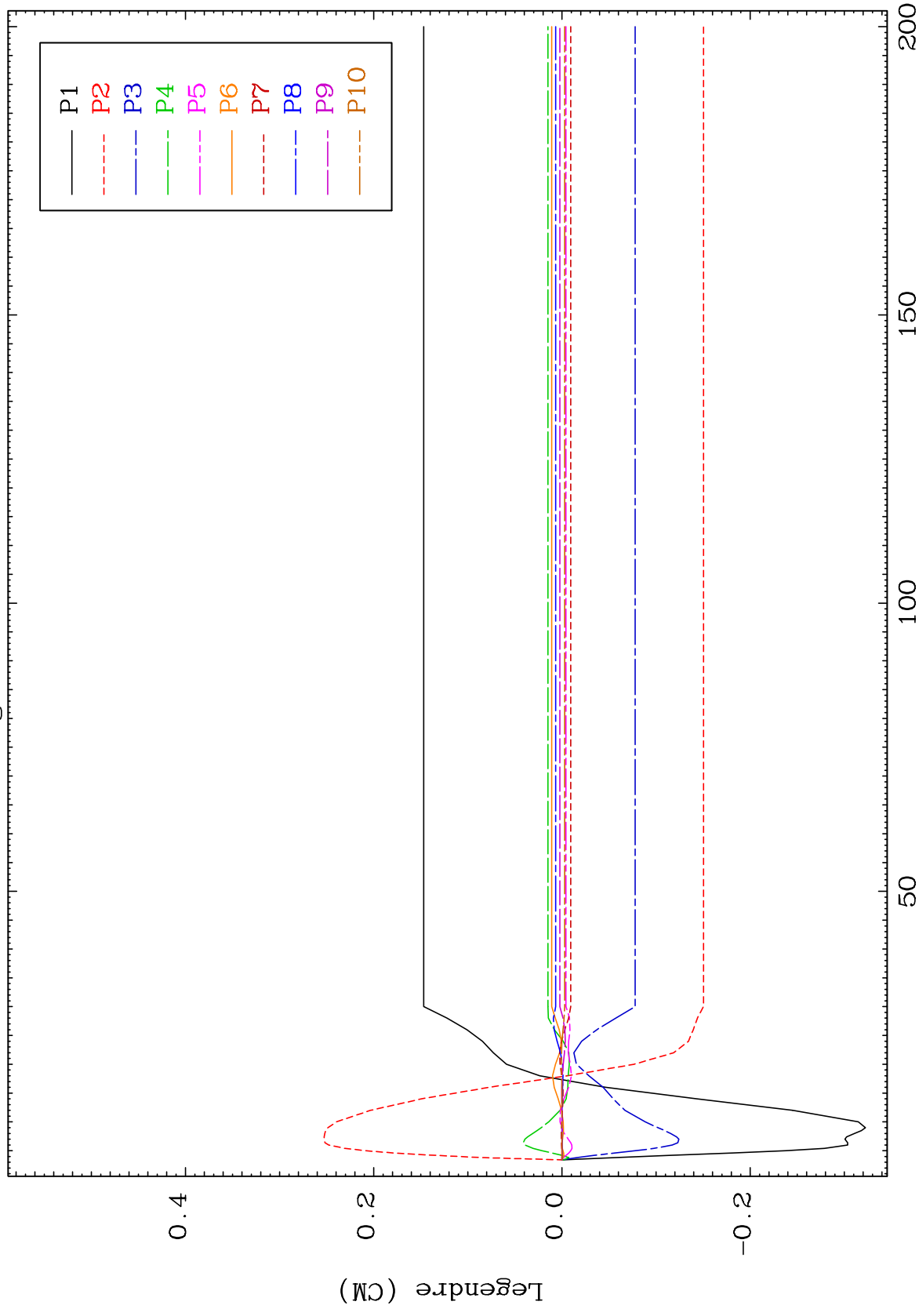




MAT 6201

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

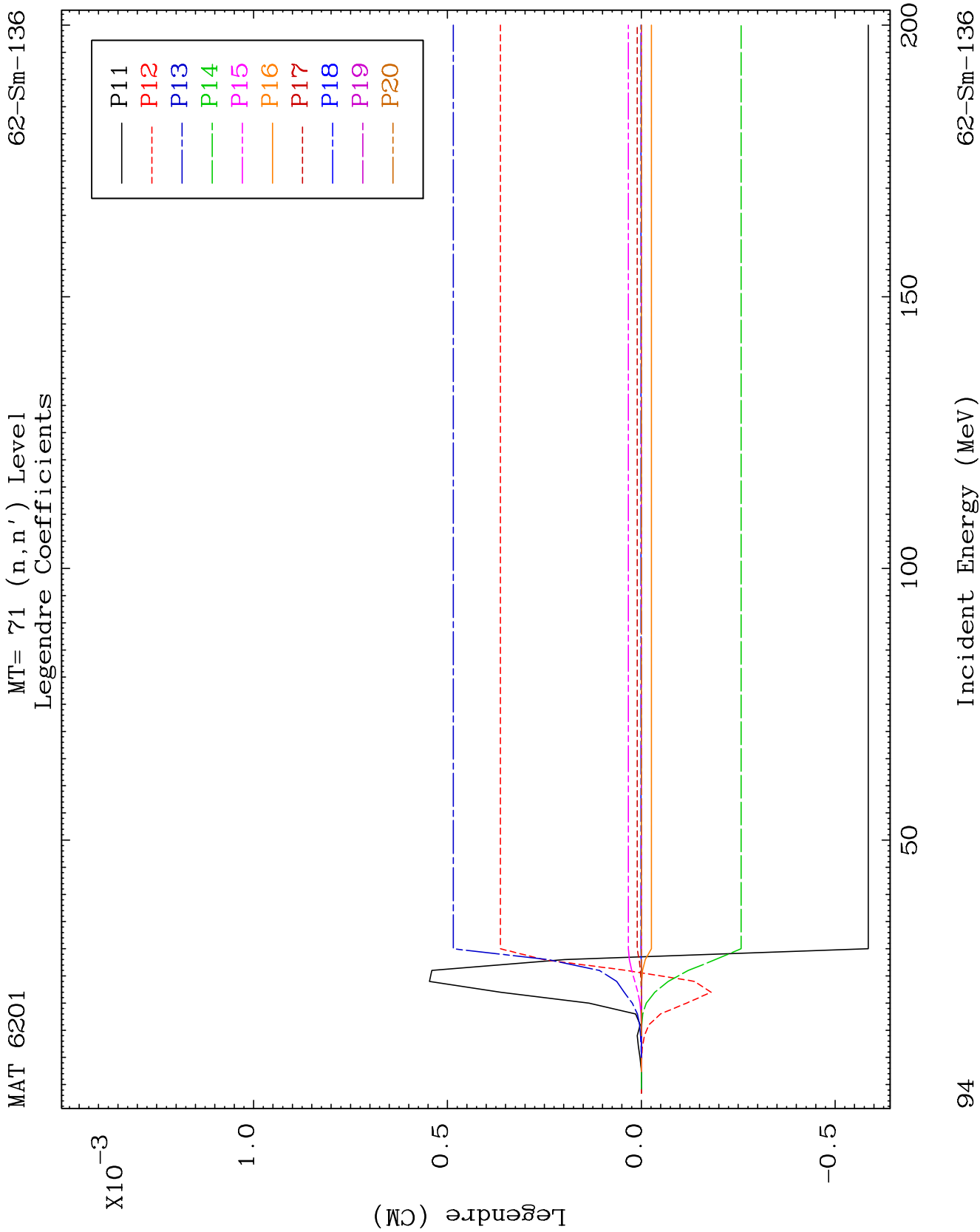
62-Sm-136



39

Incident Energy (MeV)

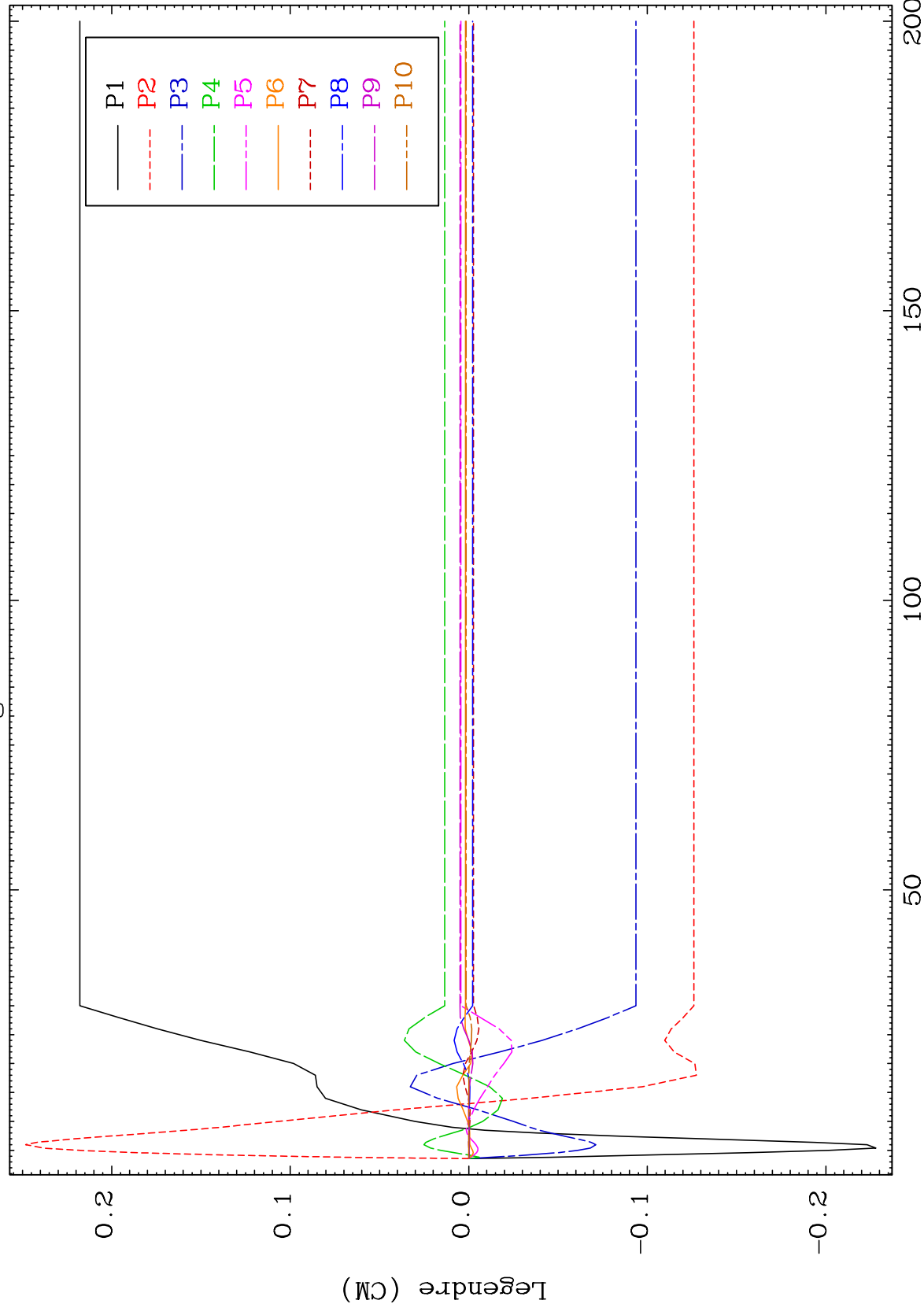
62-Sm-136



MAT 6201

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

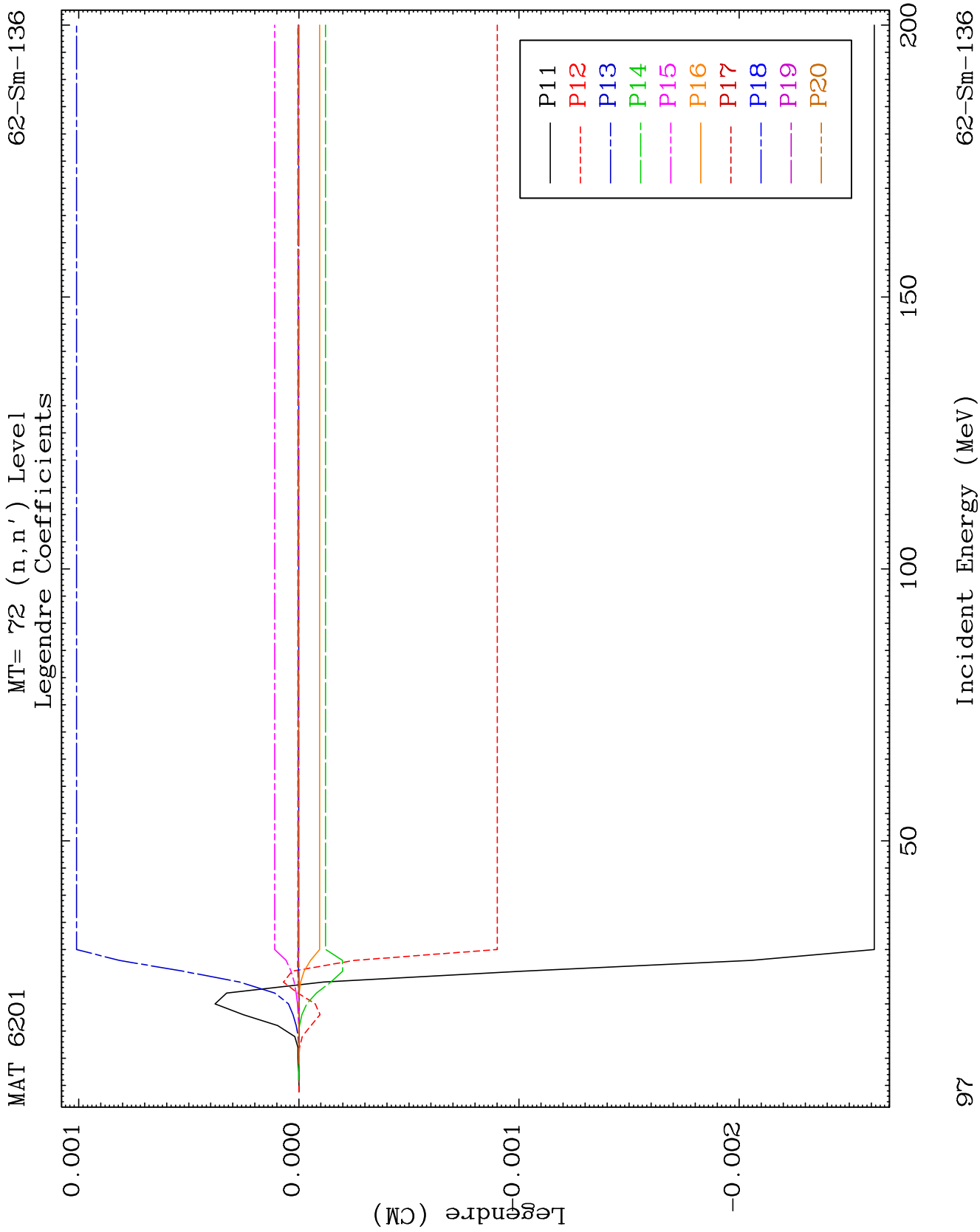
62-Sm-136

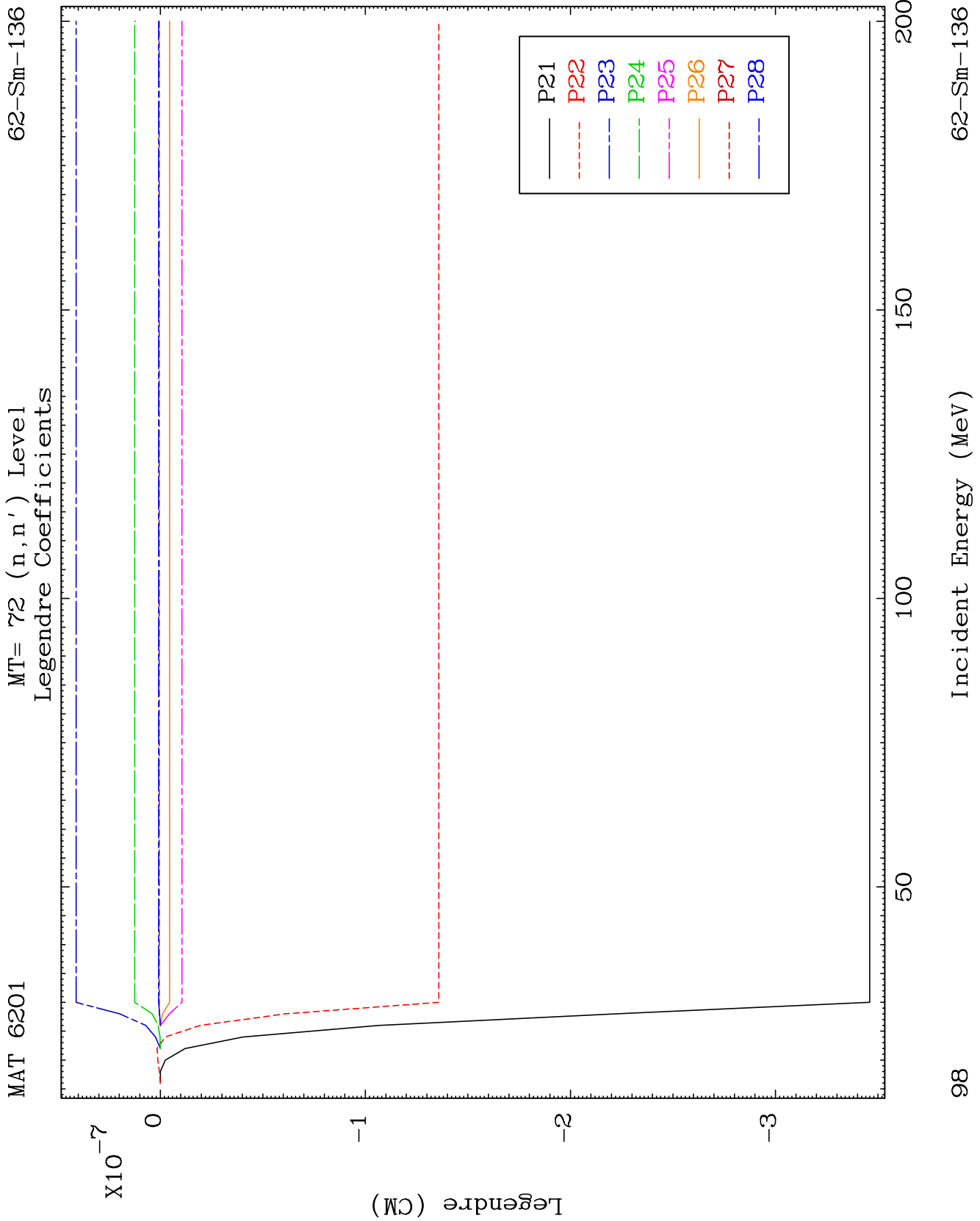


99

Incident Energy (MeV)

62-Sm-136

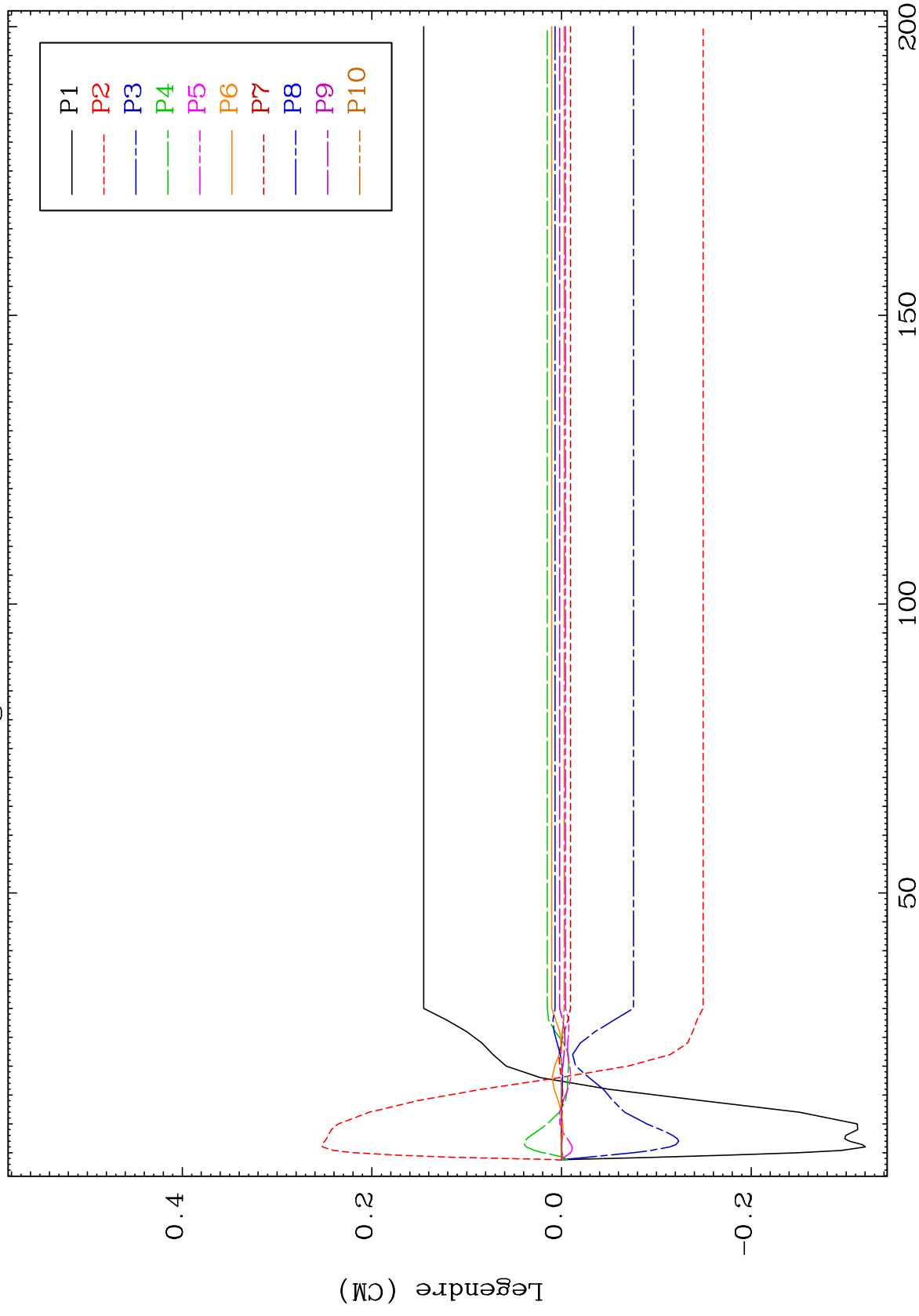




MAT 6201

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

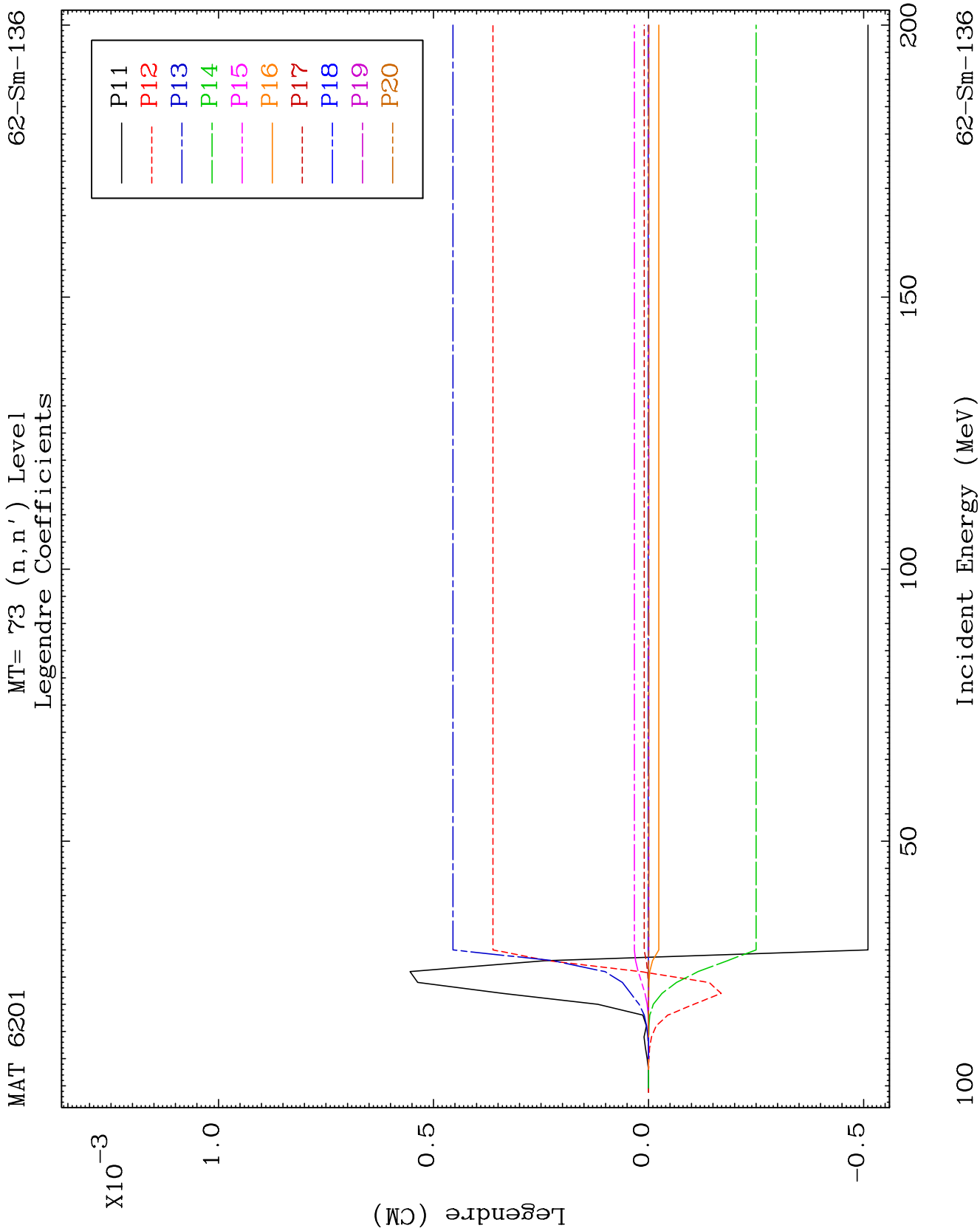
62-Sm-136

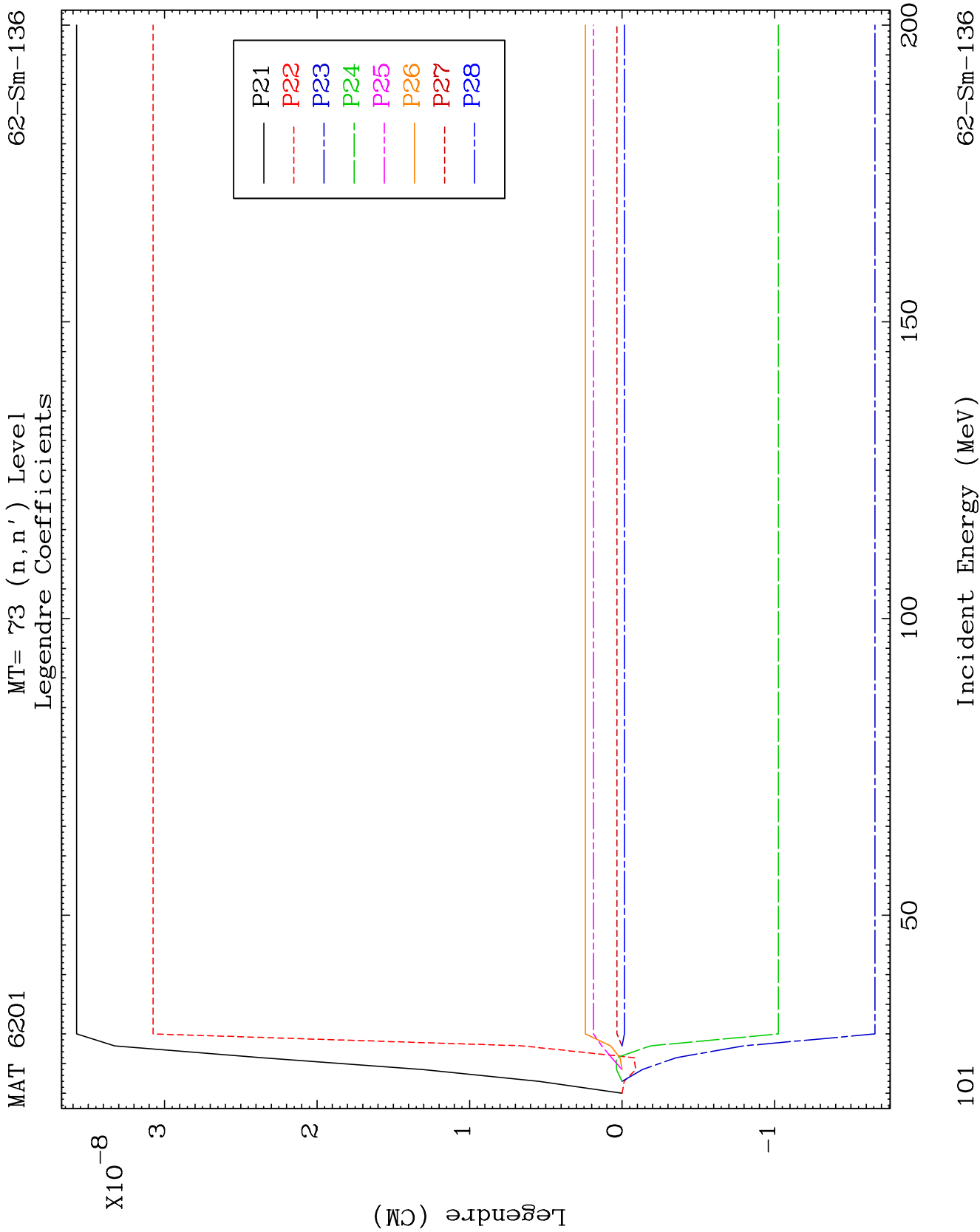


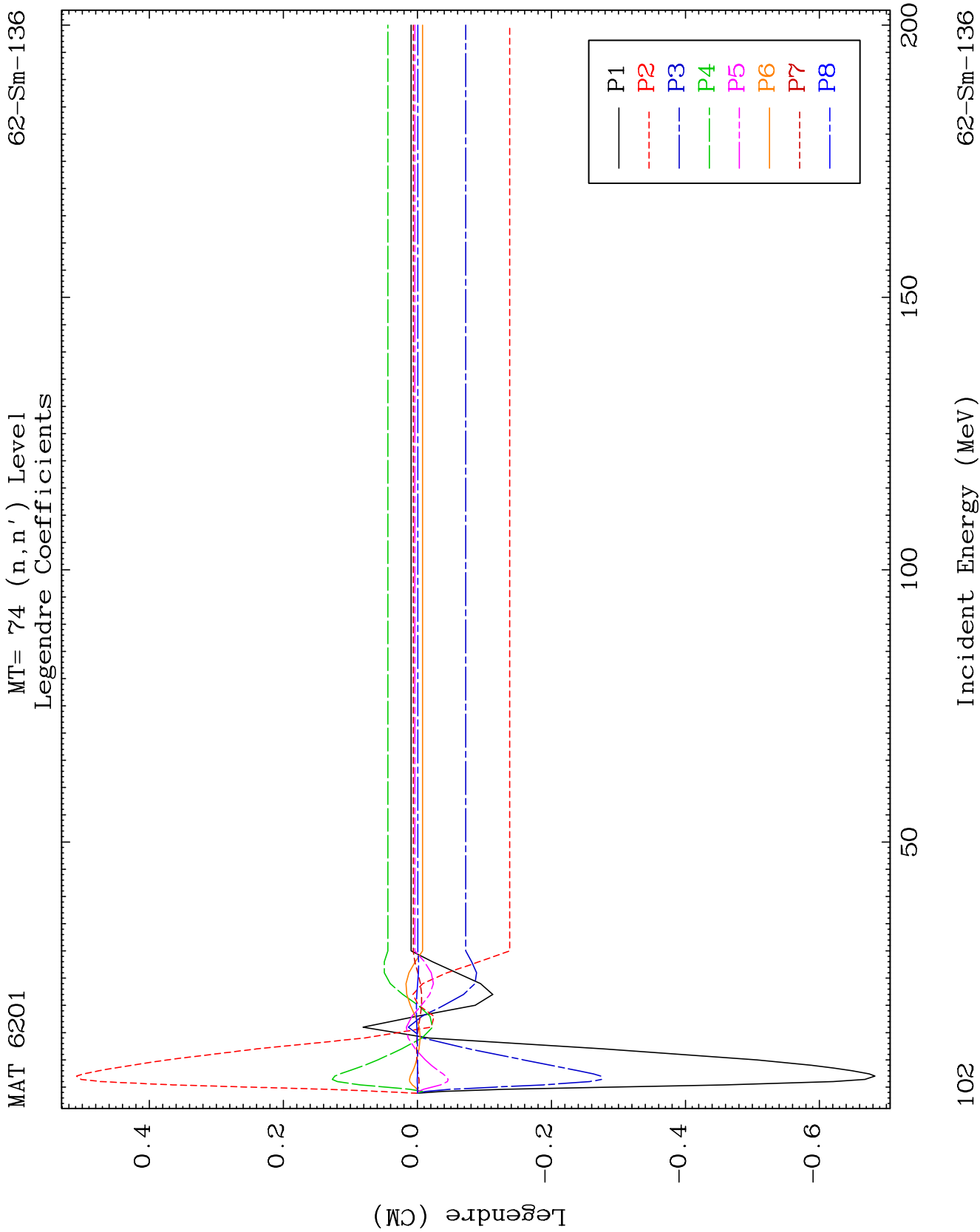
99

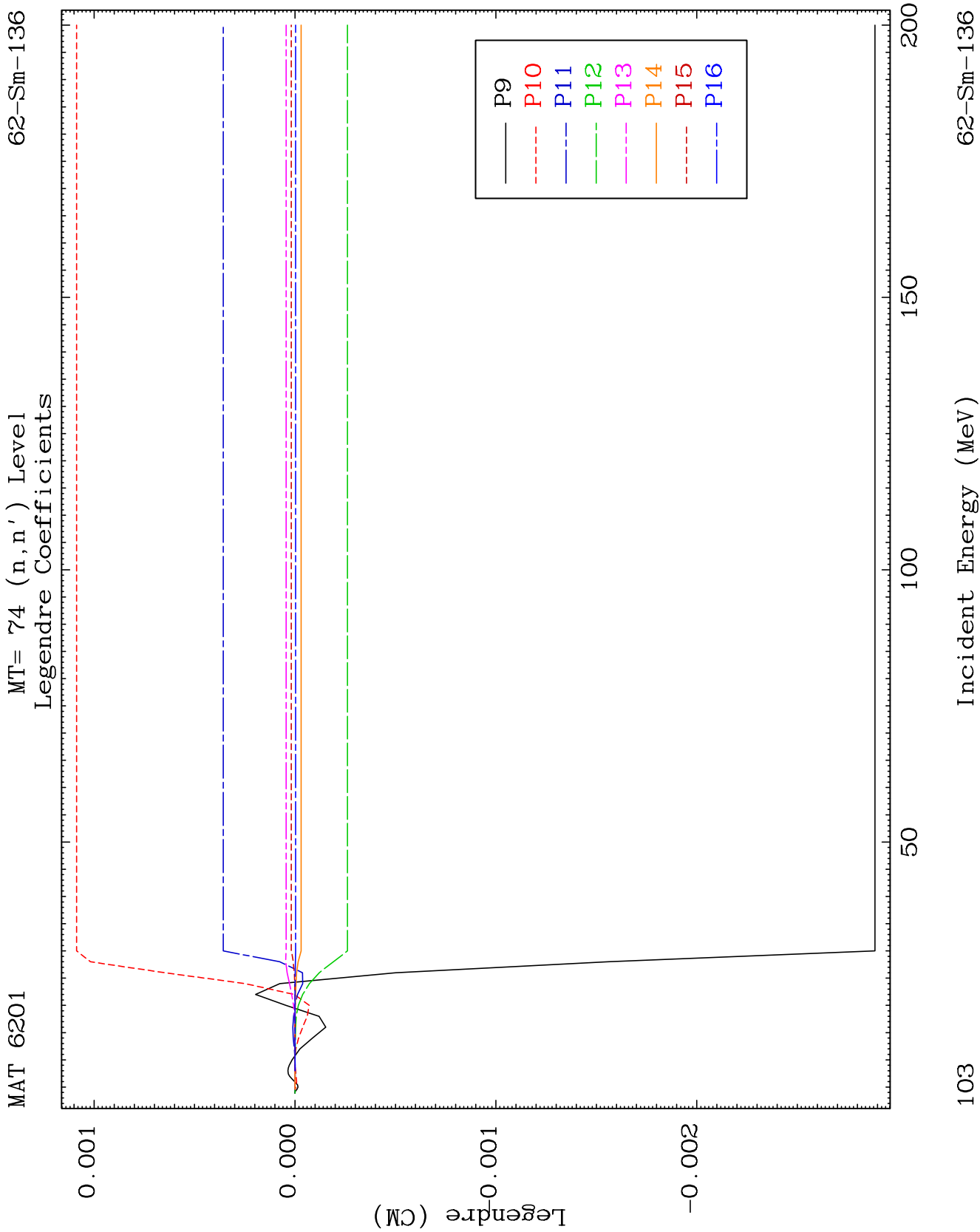
Incident Energy (MeV)

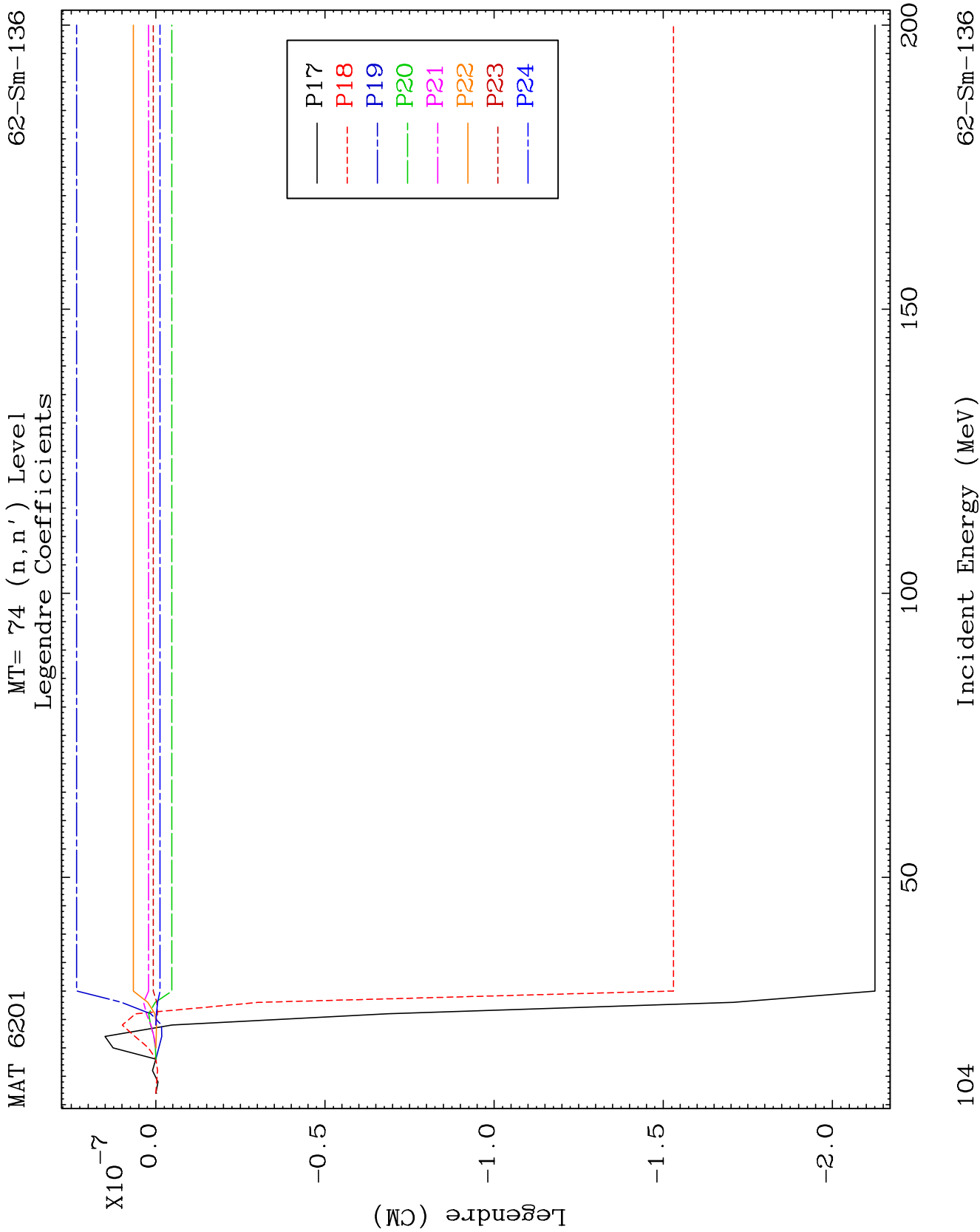
62-Sm-136







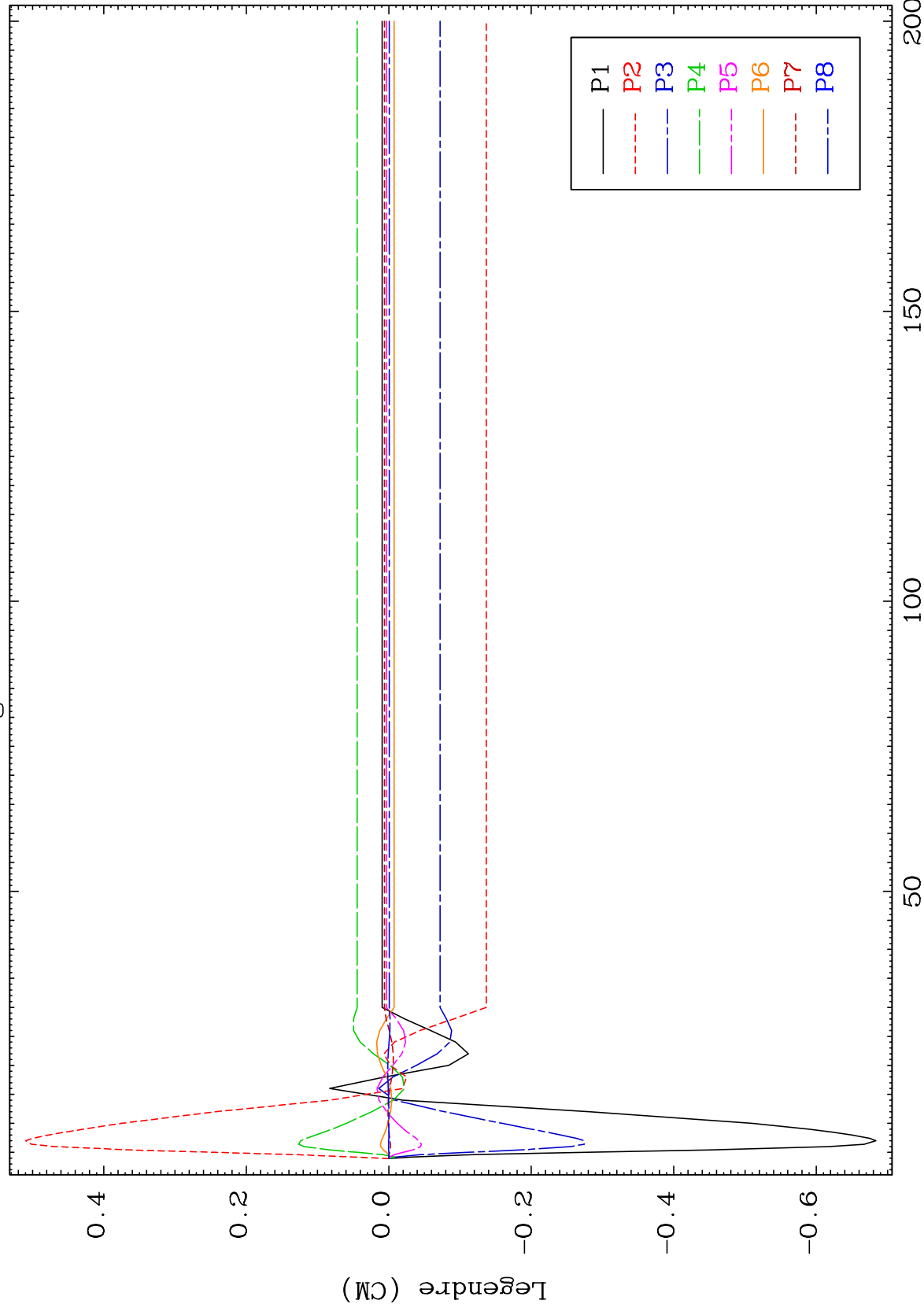




MAT 6201

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

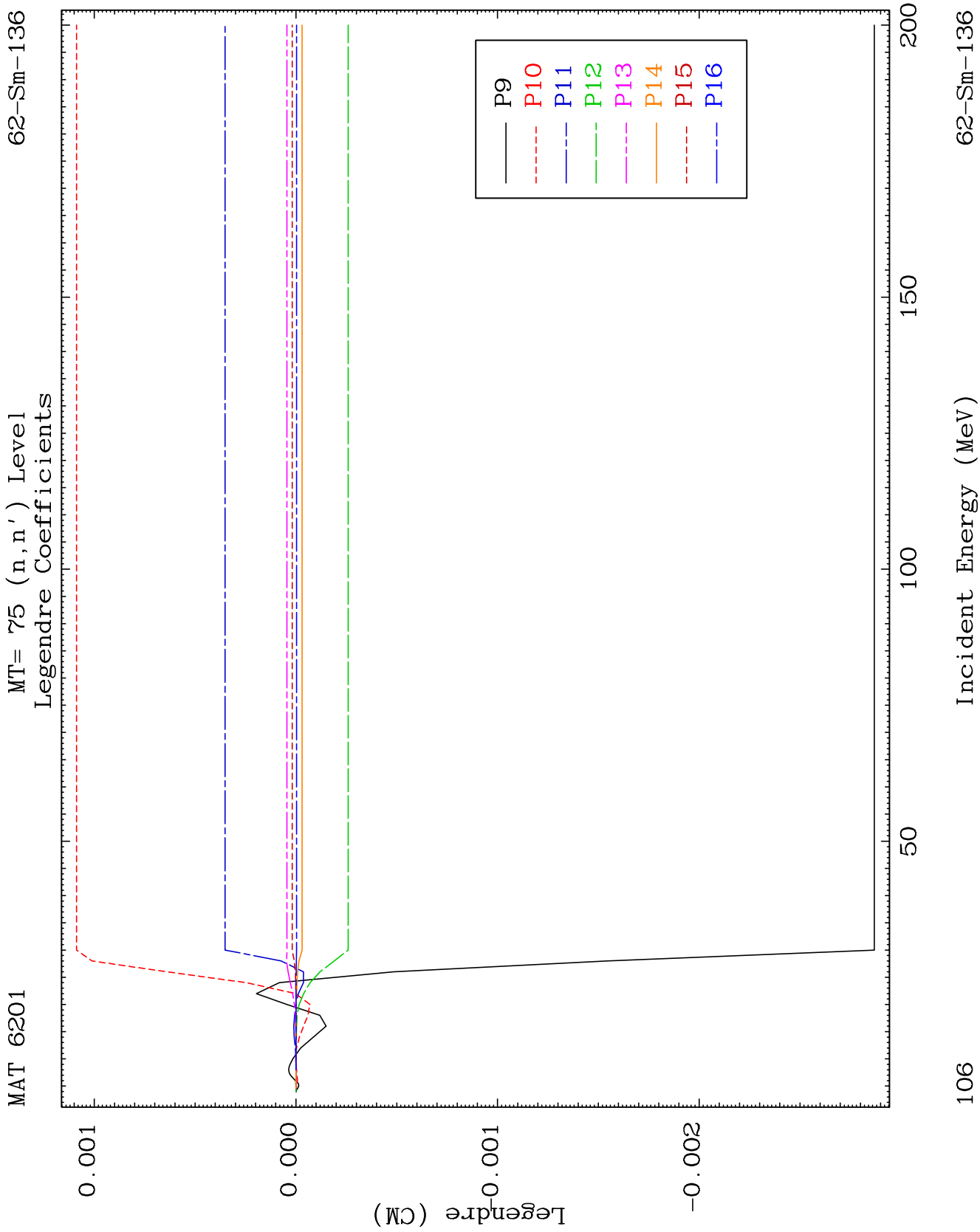
62-Sm-136

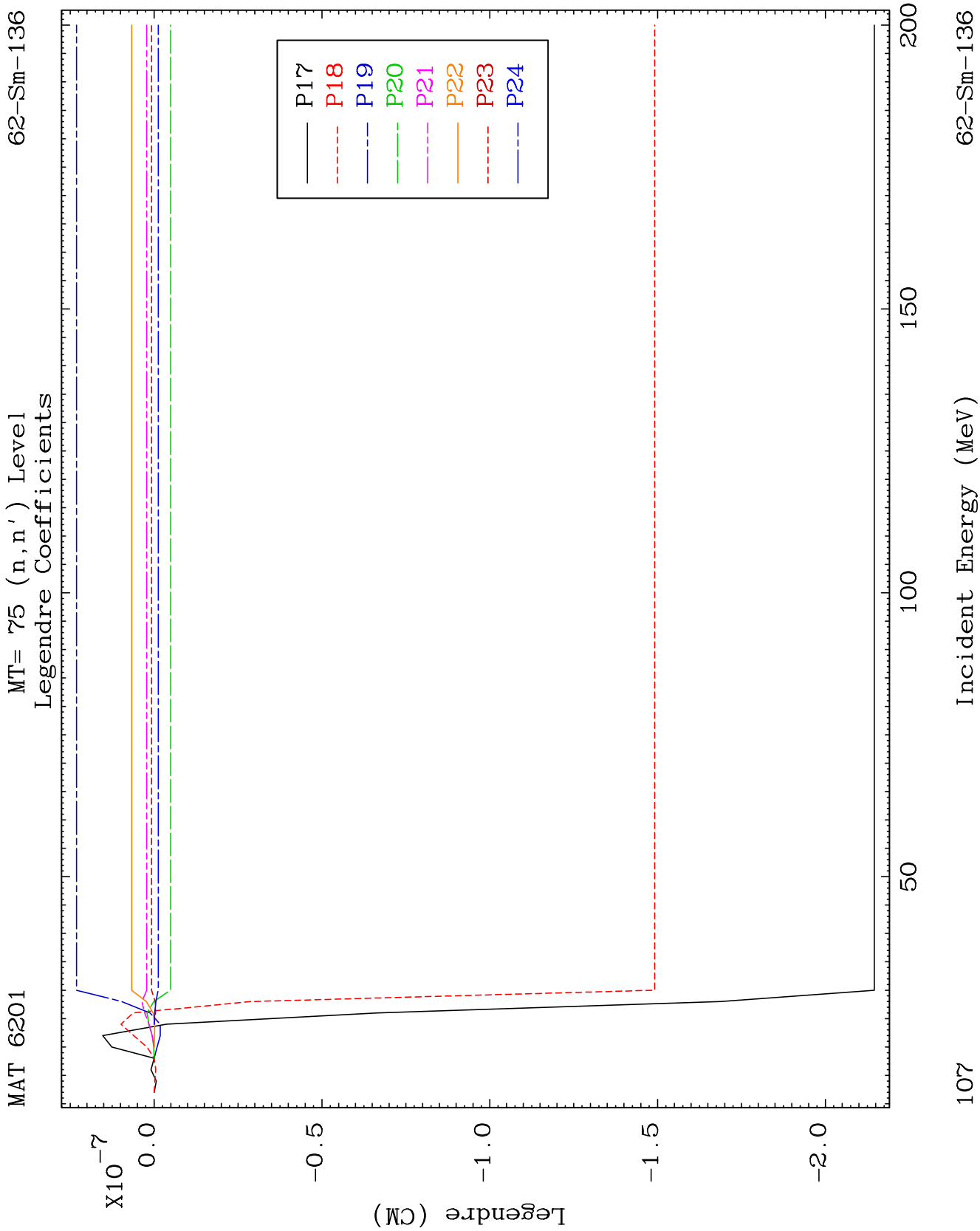


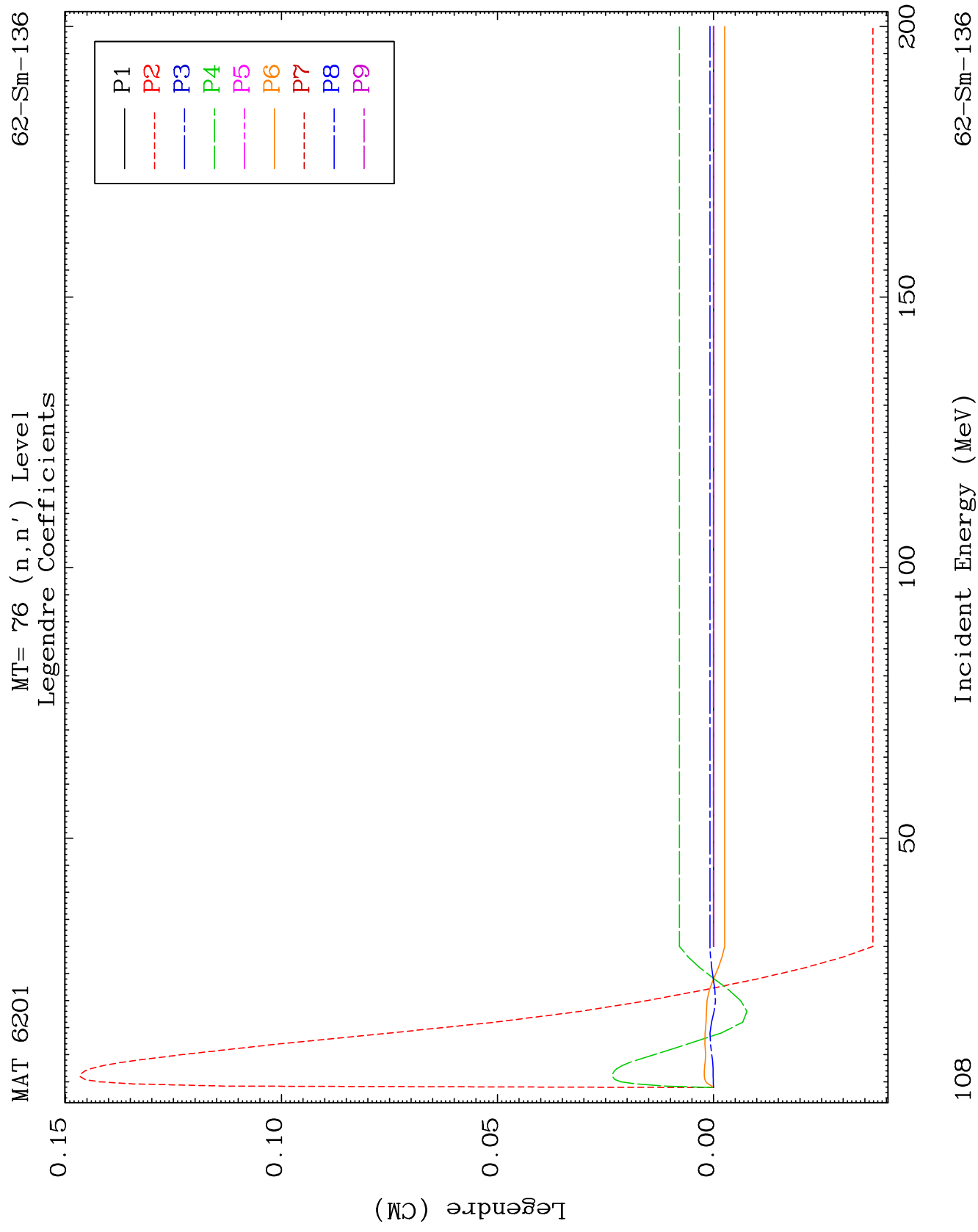
105

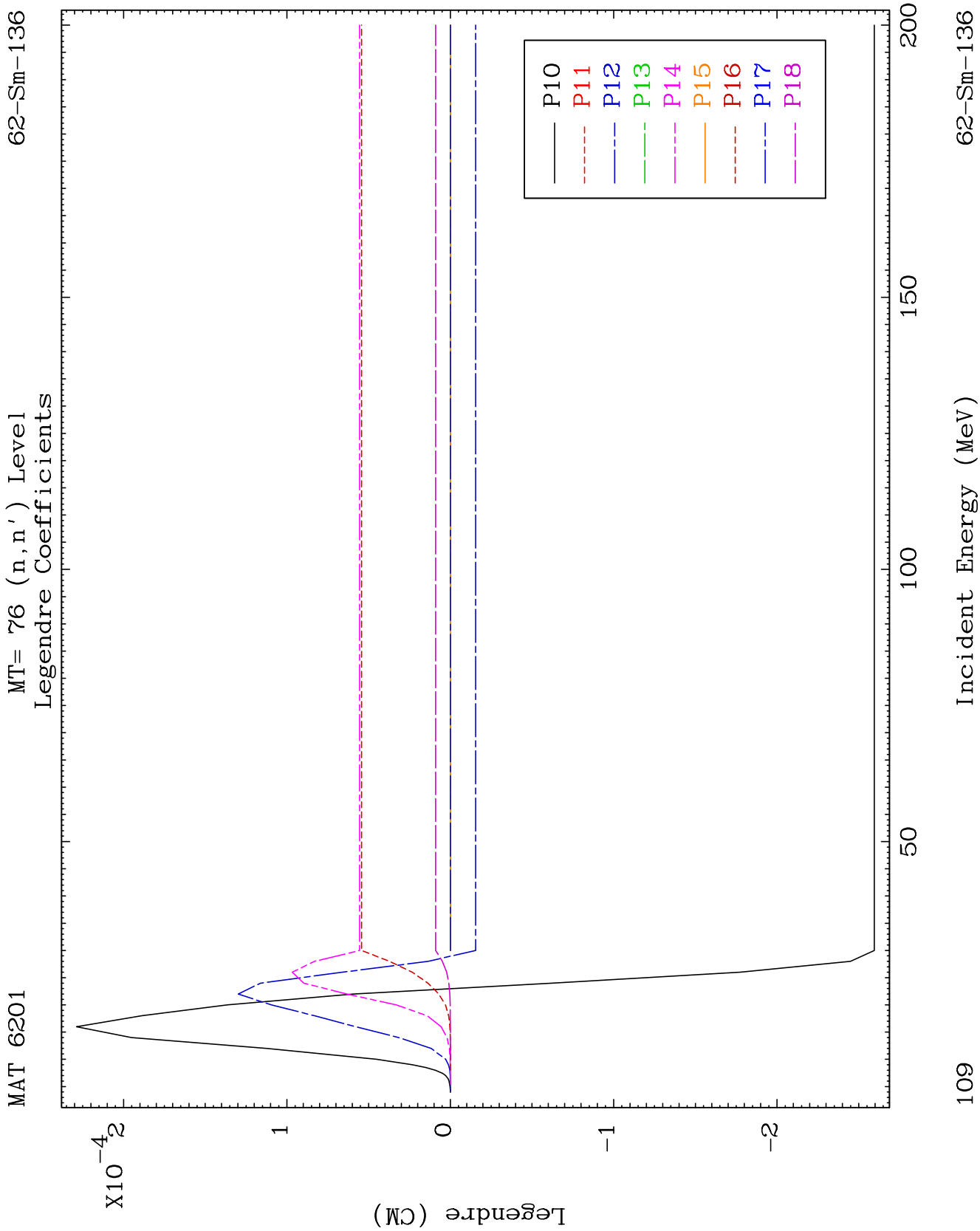
Incident Energy (MeV)

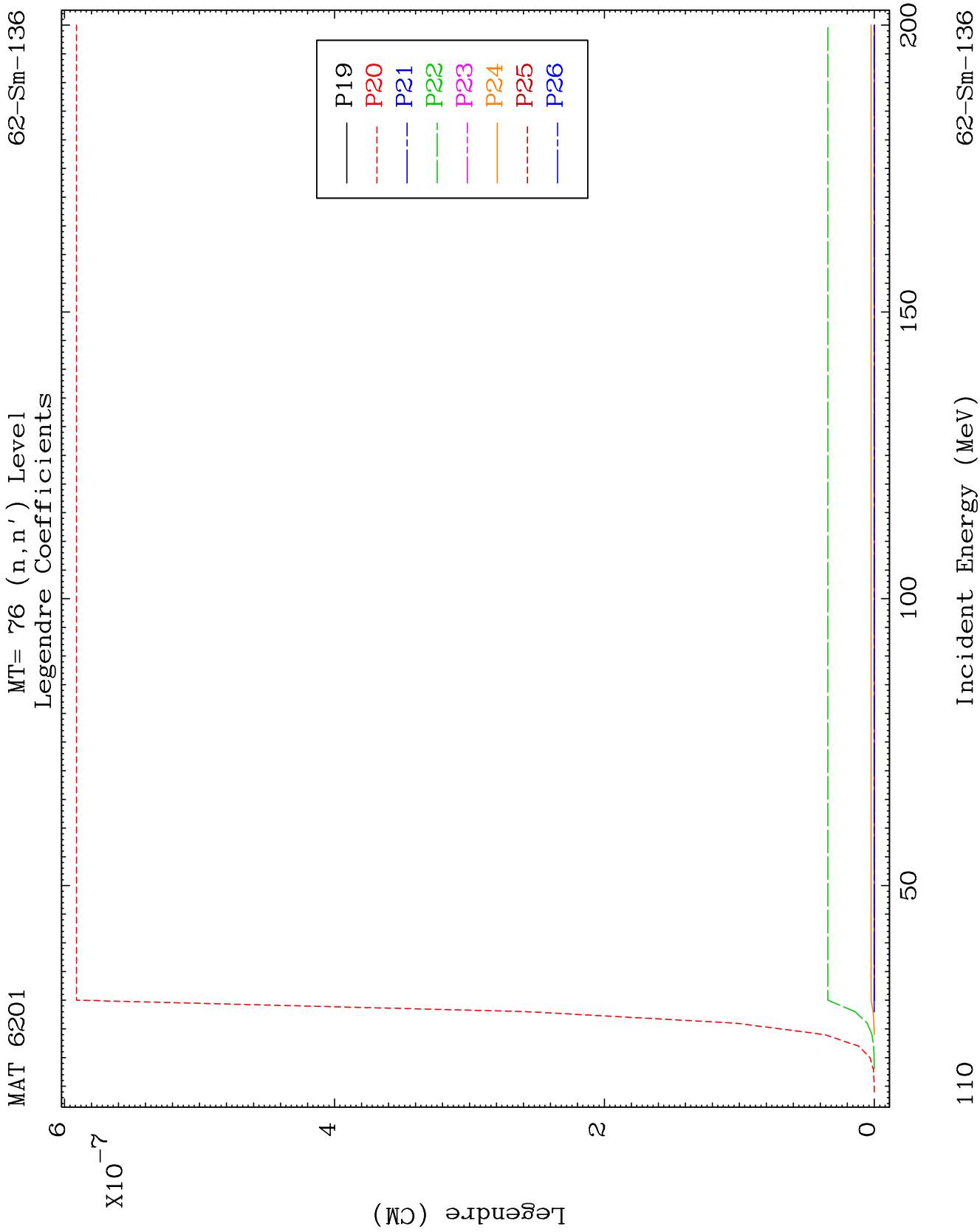
62-Sm-136

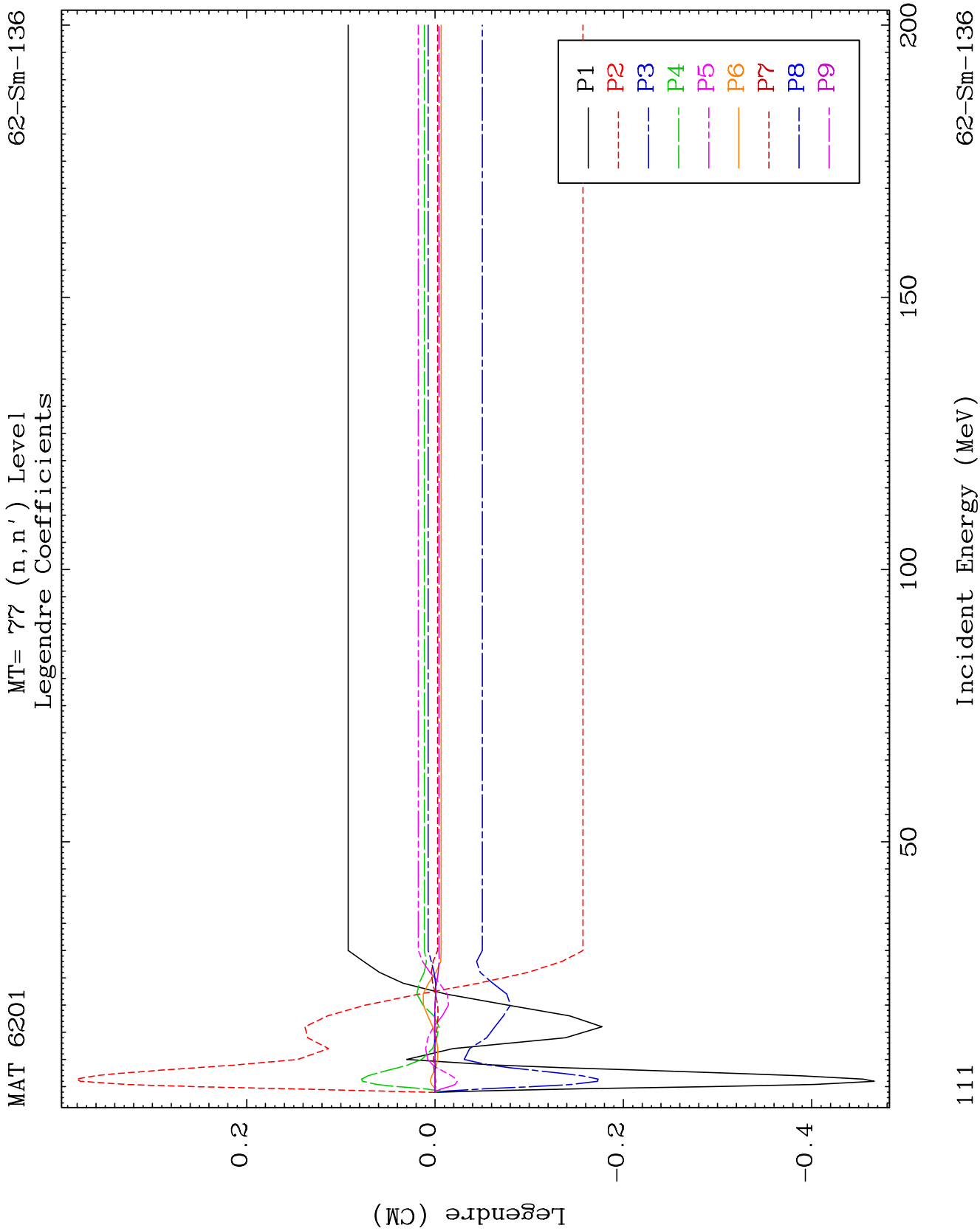


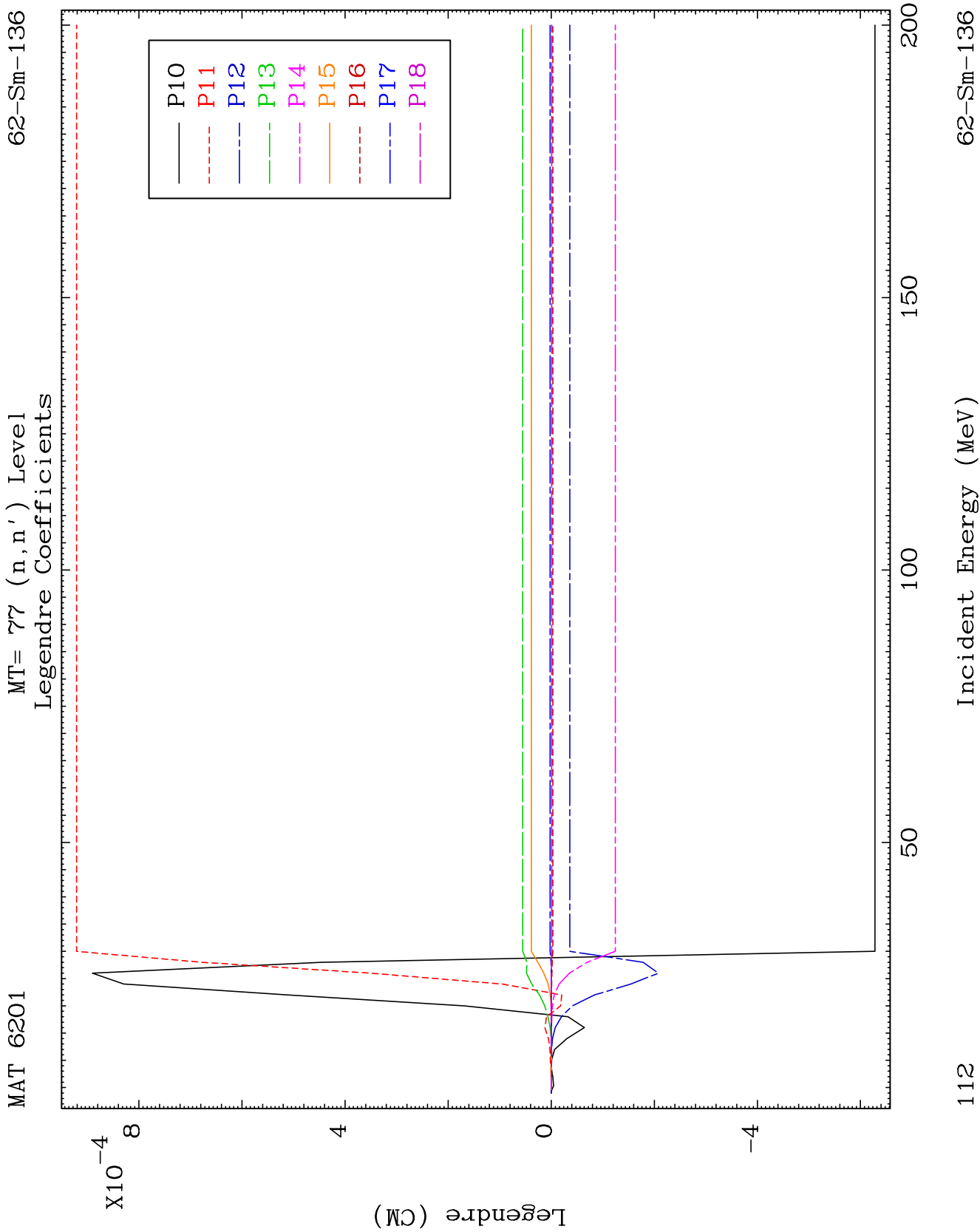


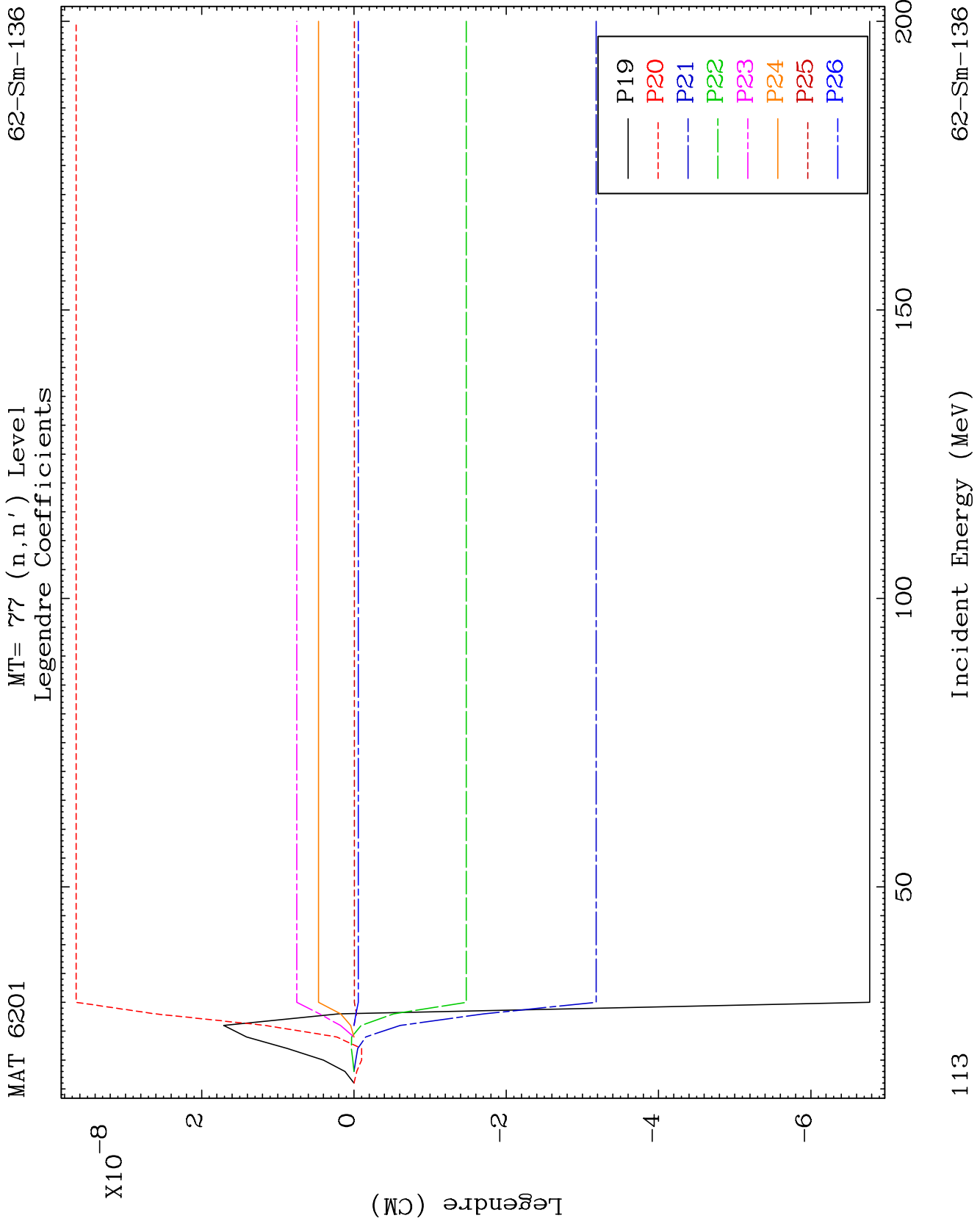


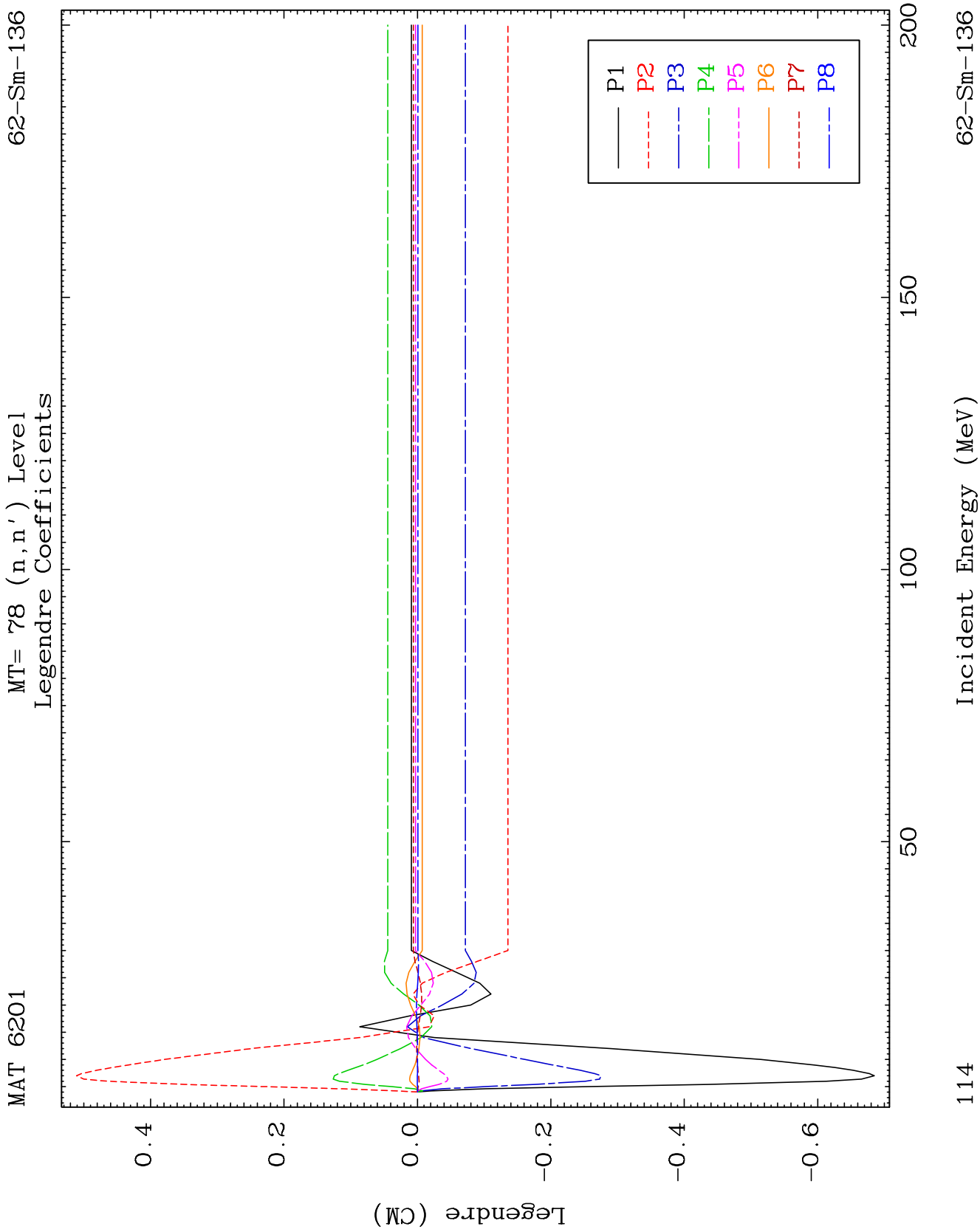


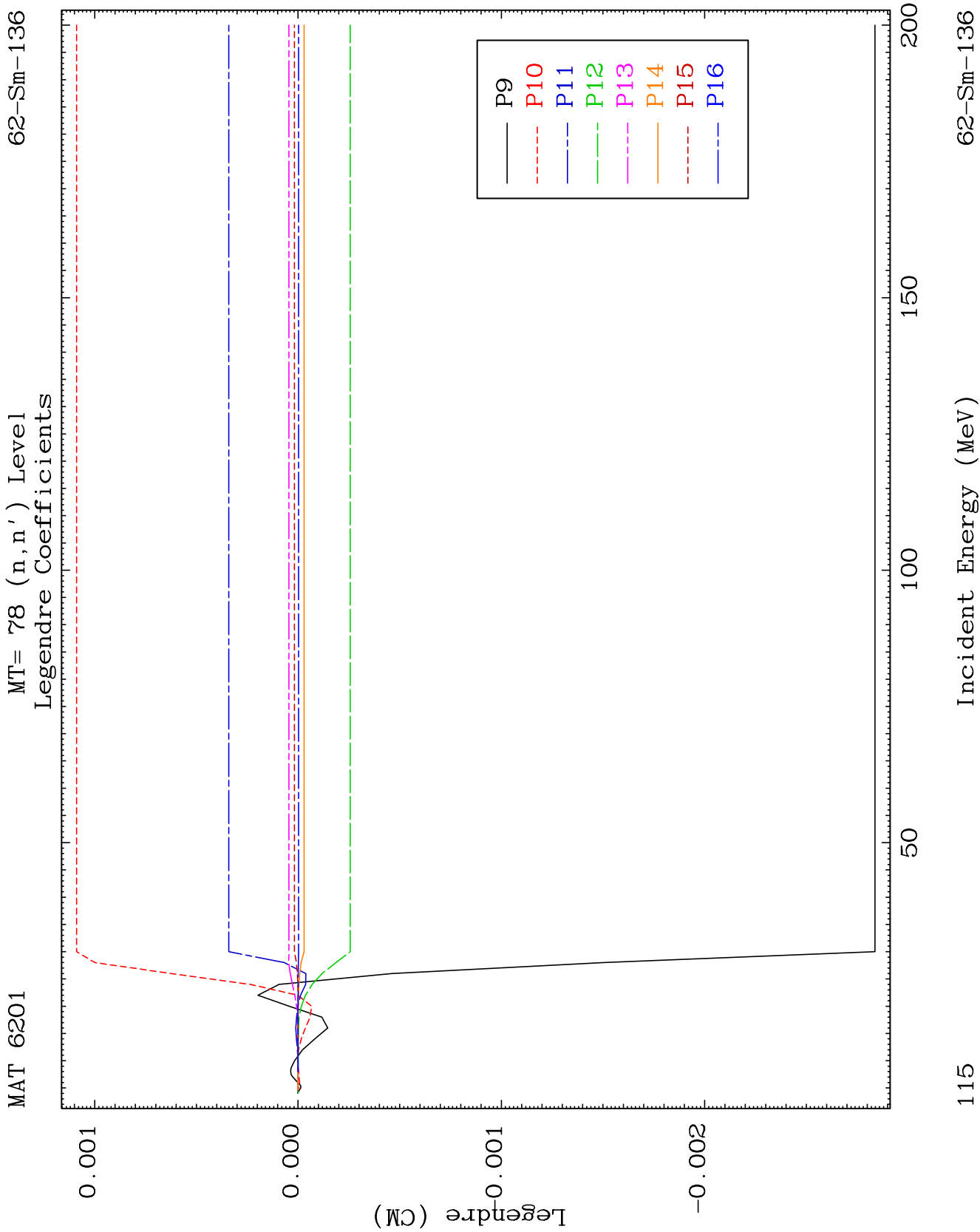


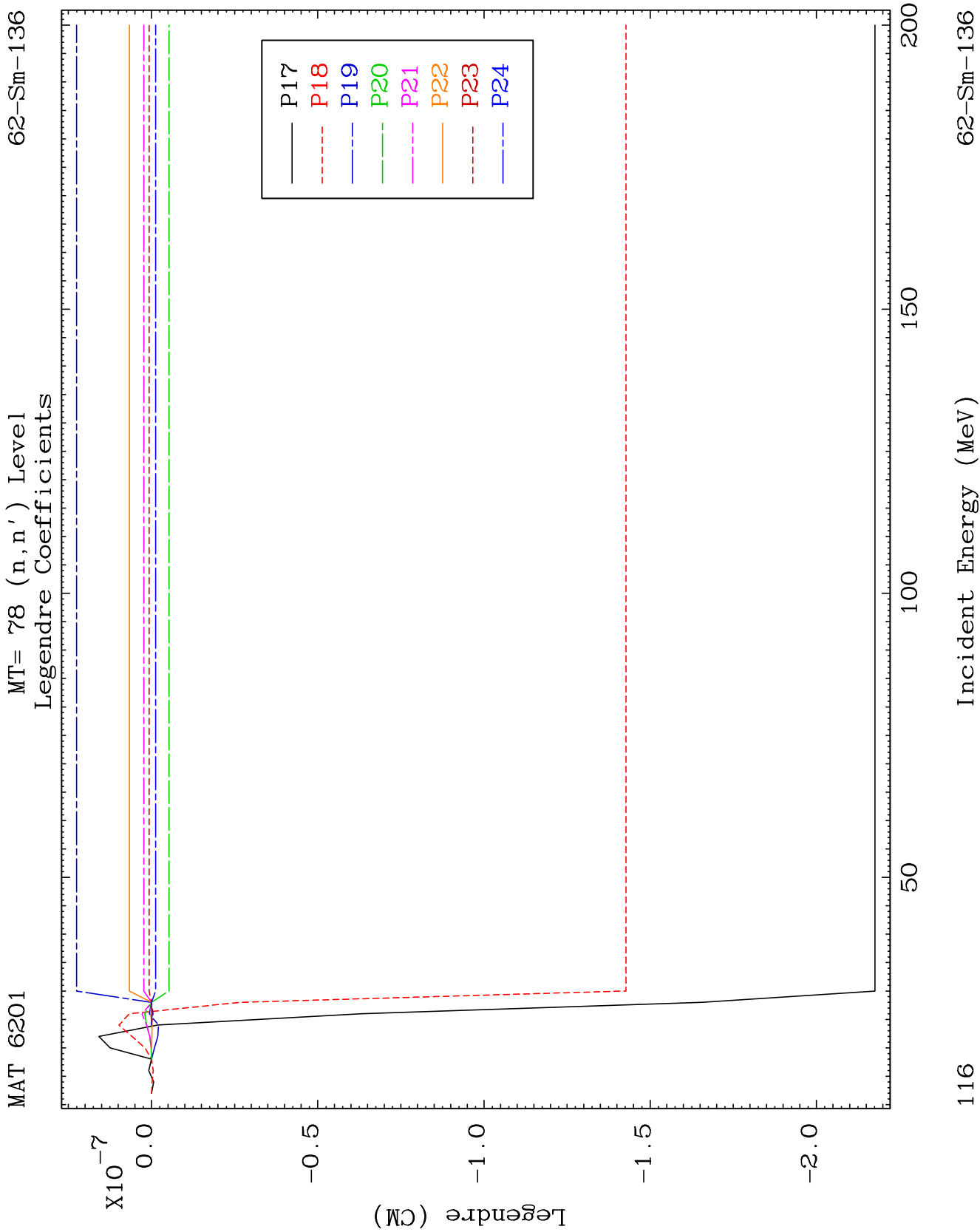


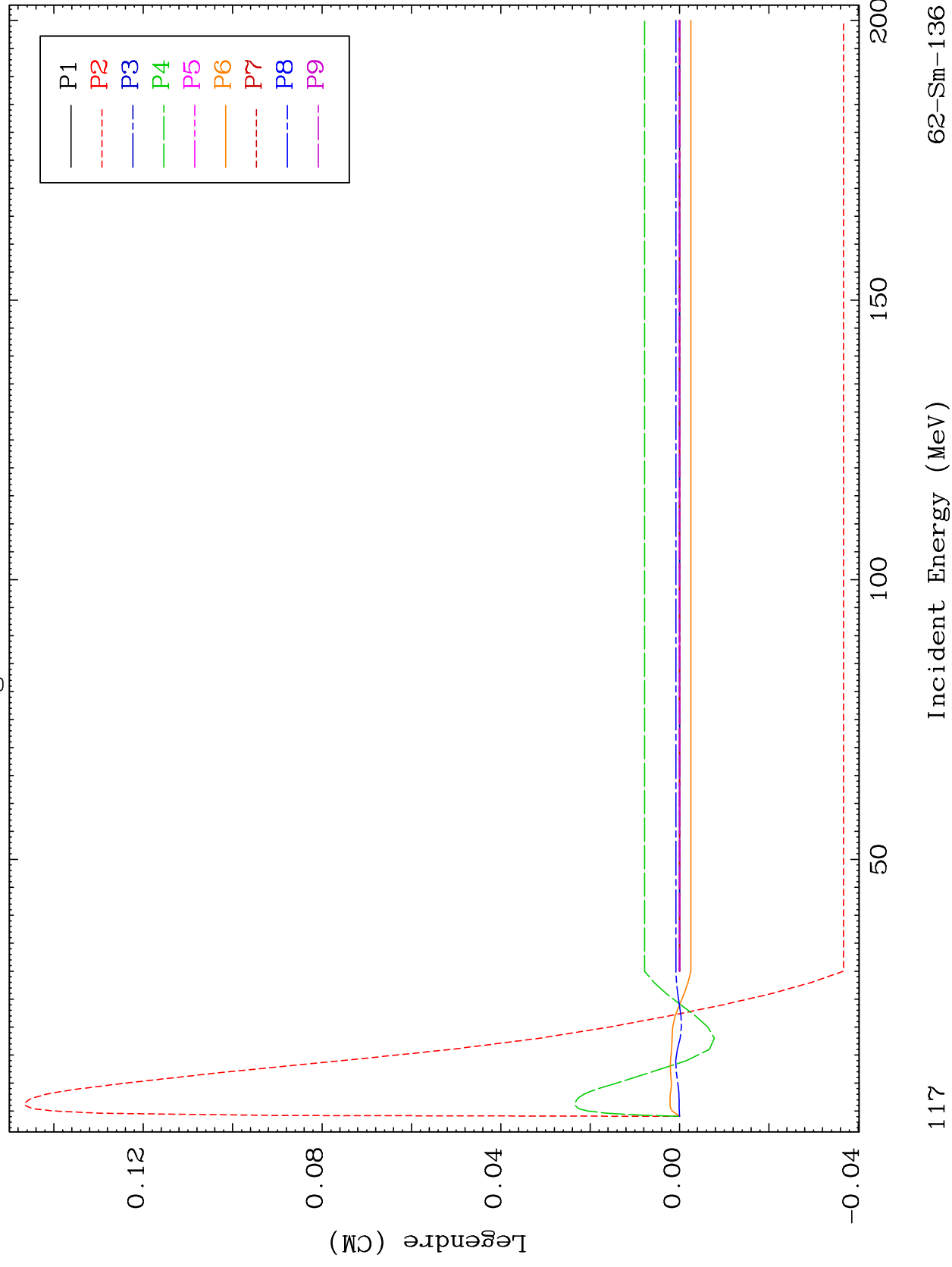


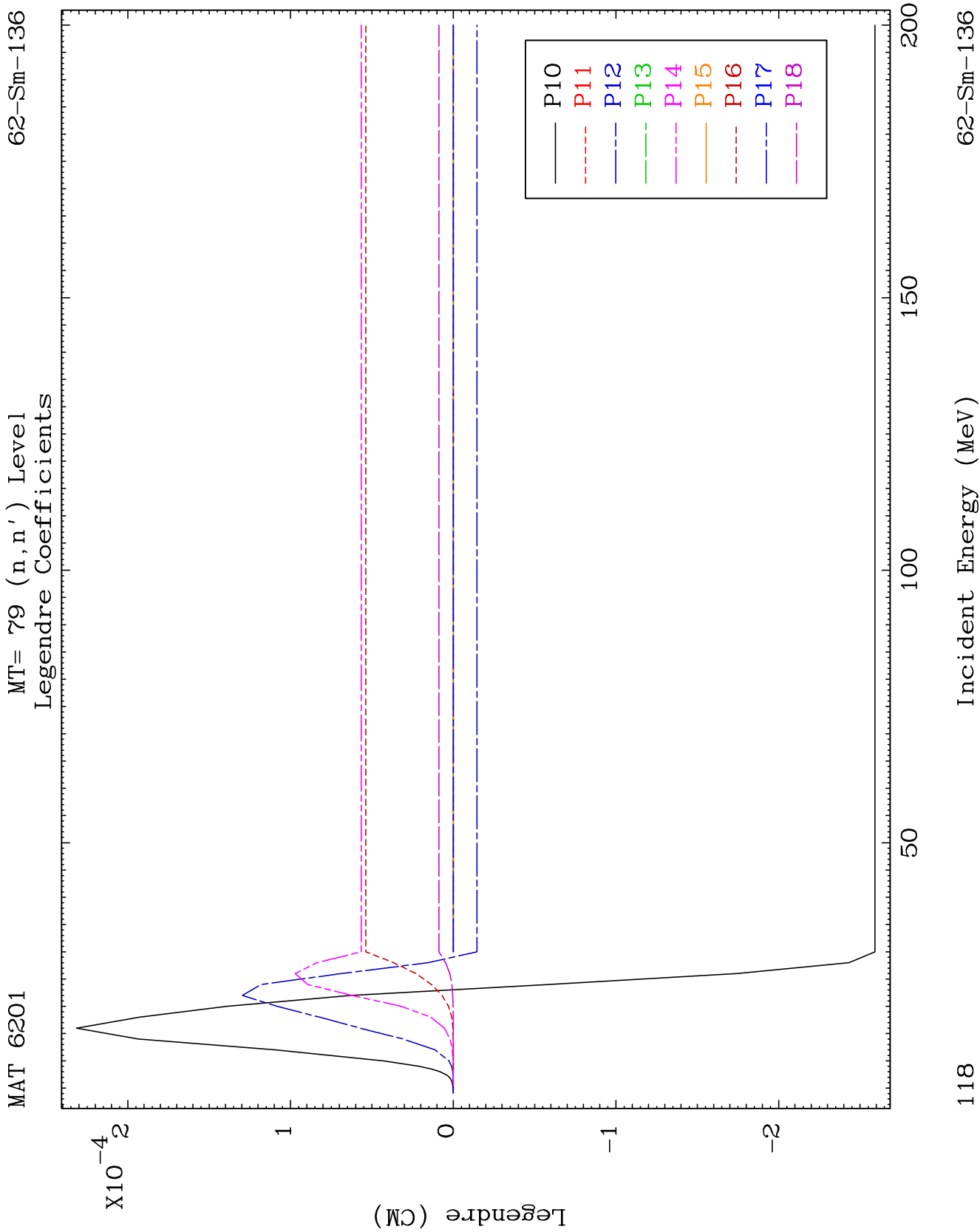








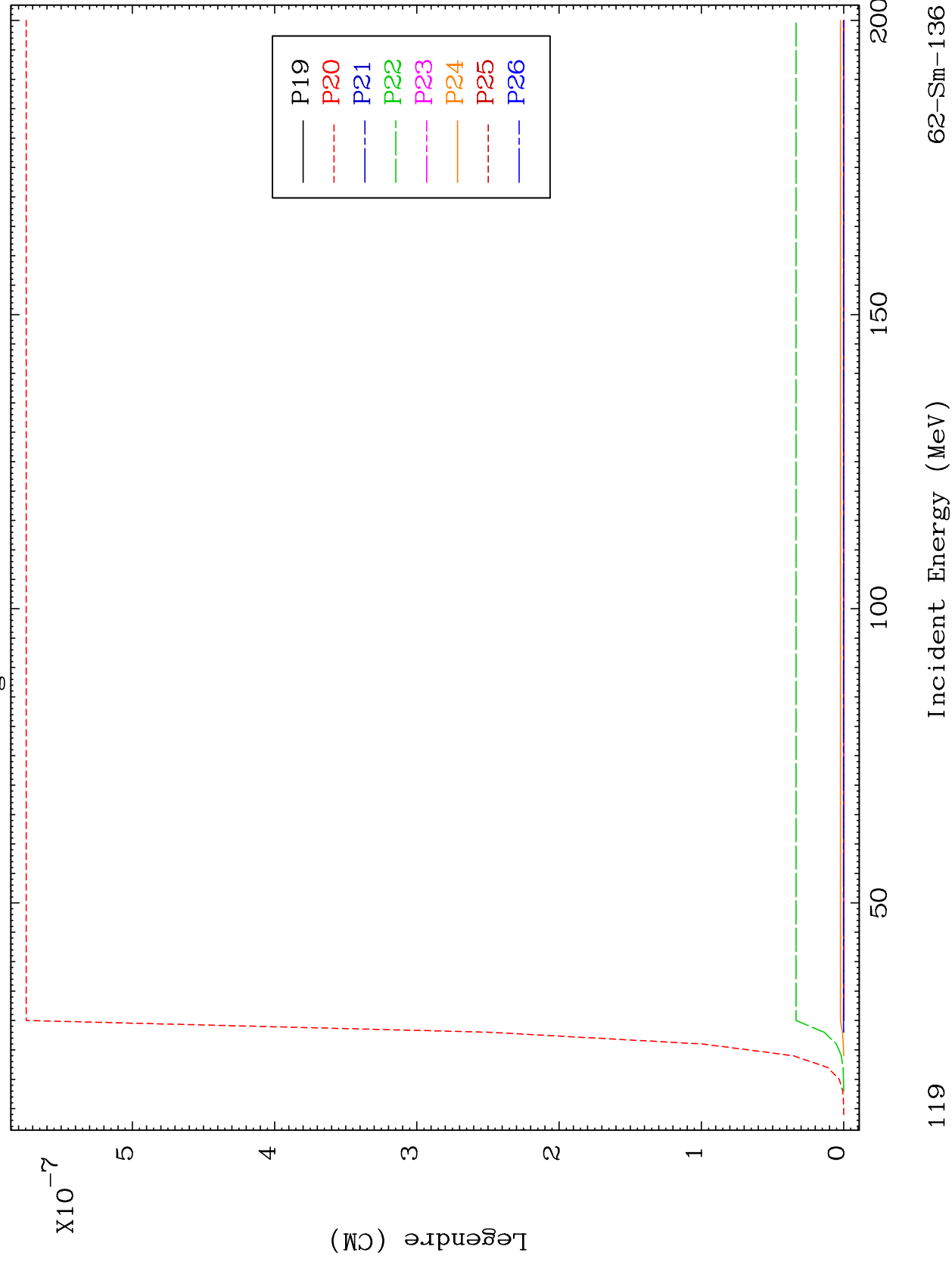


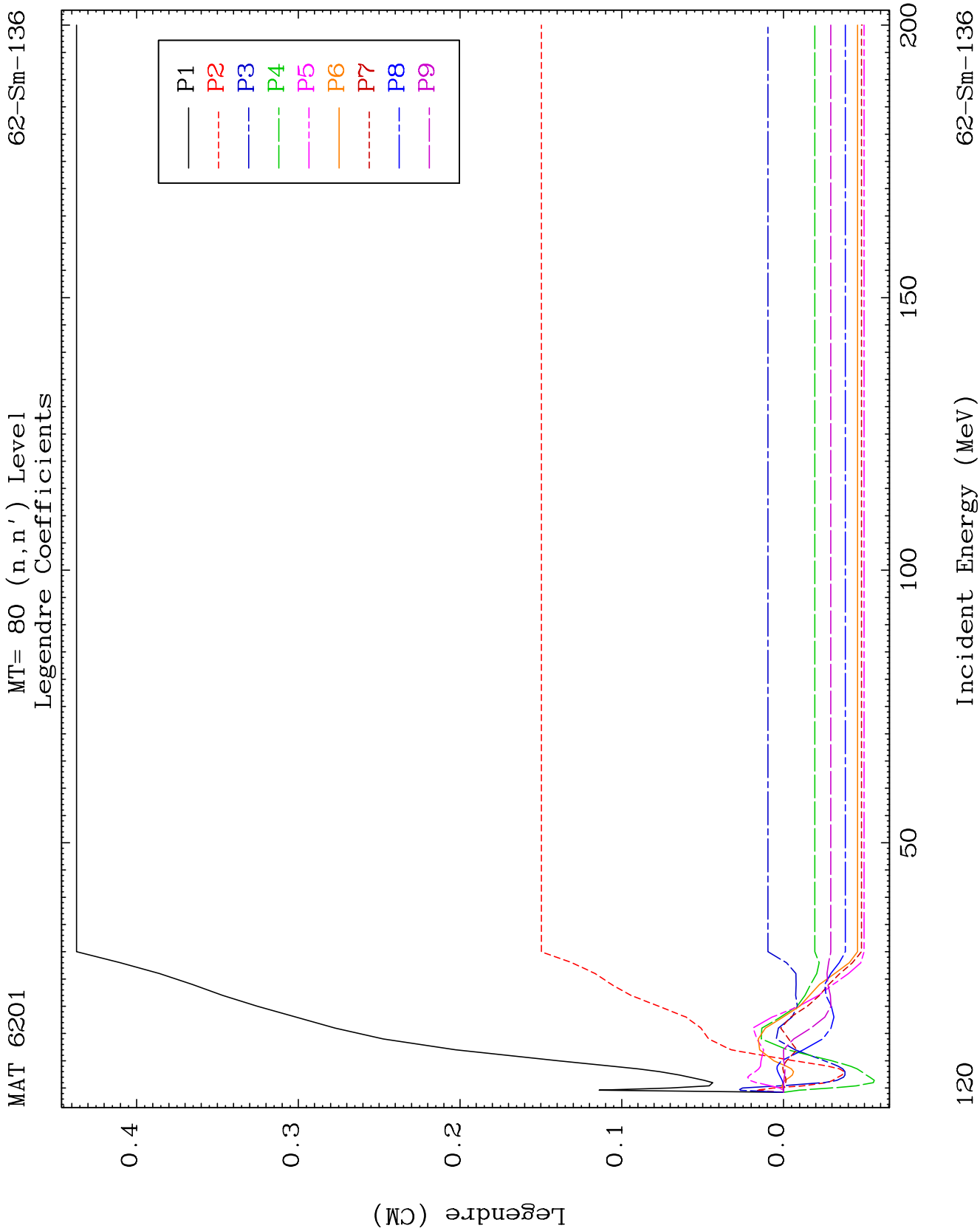


MAT 6201

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

62-Sm-136

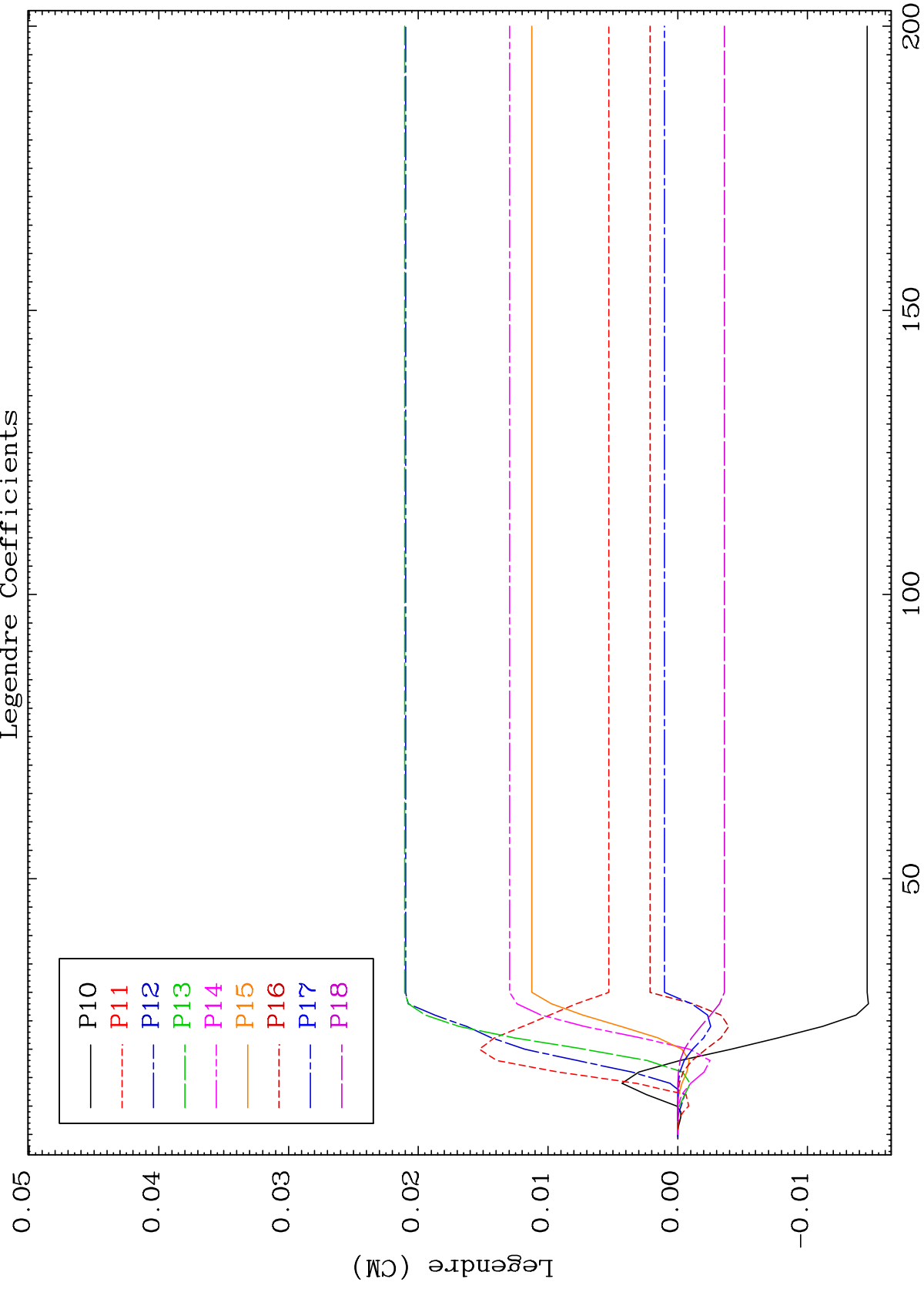




MAT 6201

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

62-Sm-136



121

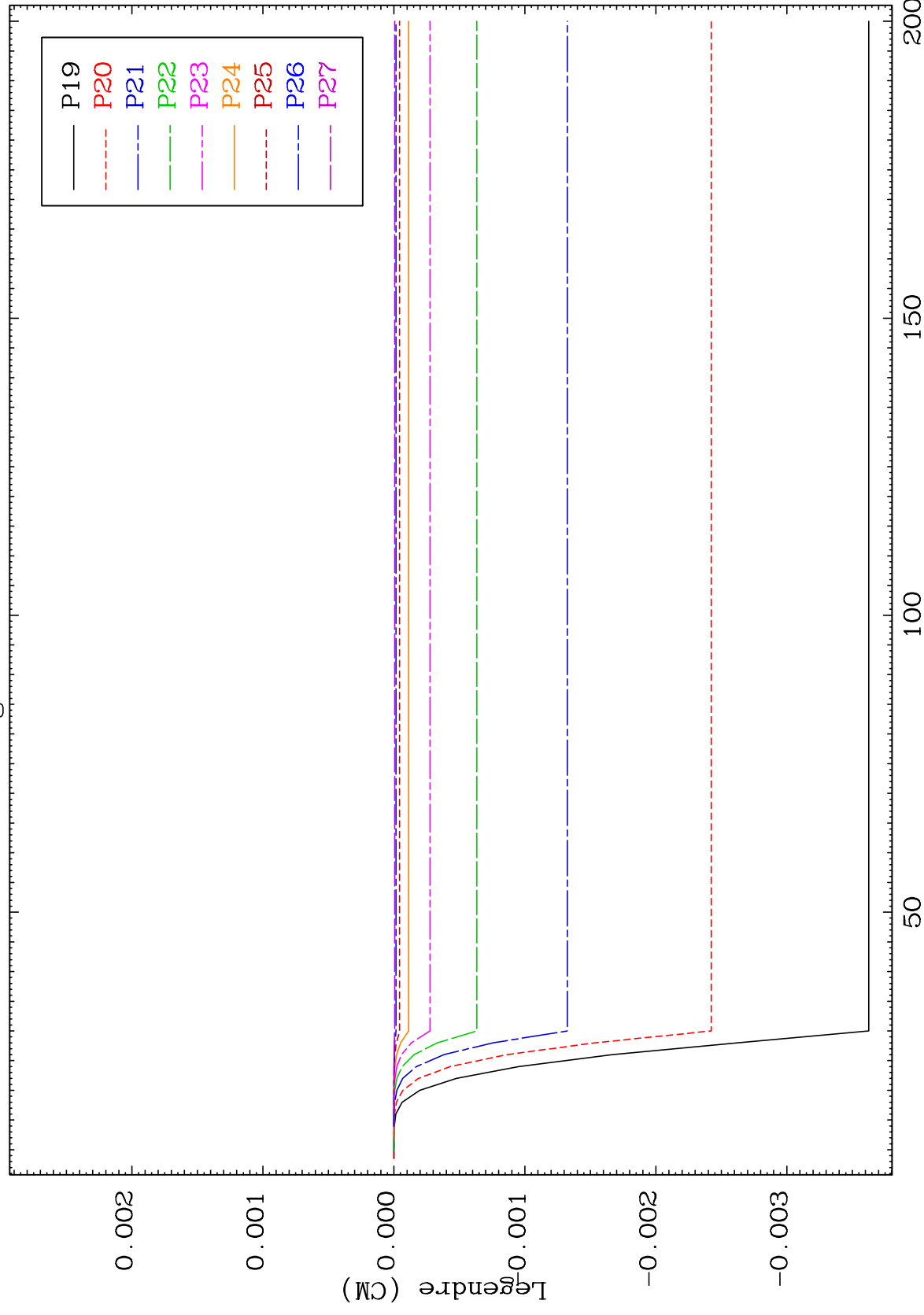
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

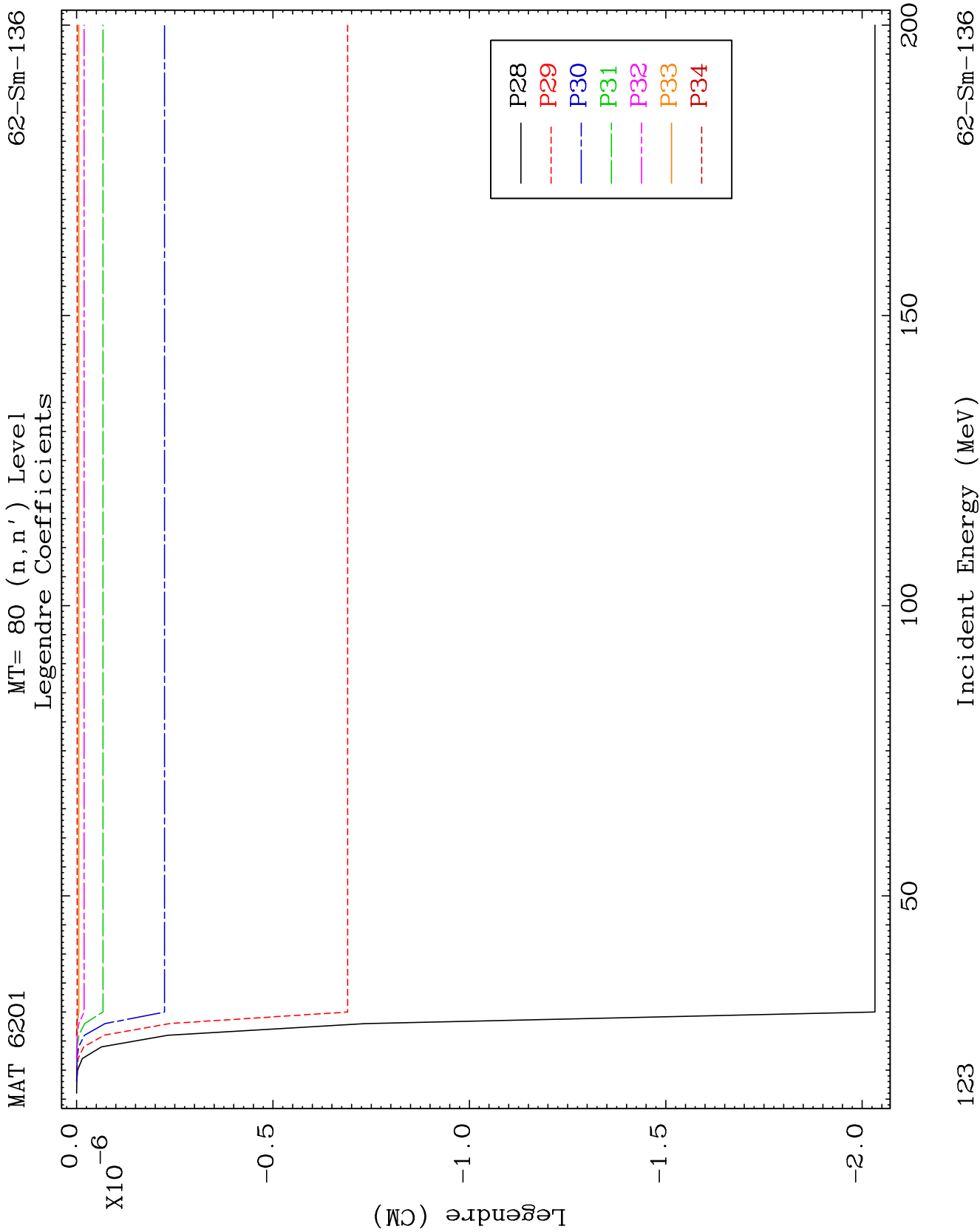
62-Sm-136

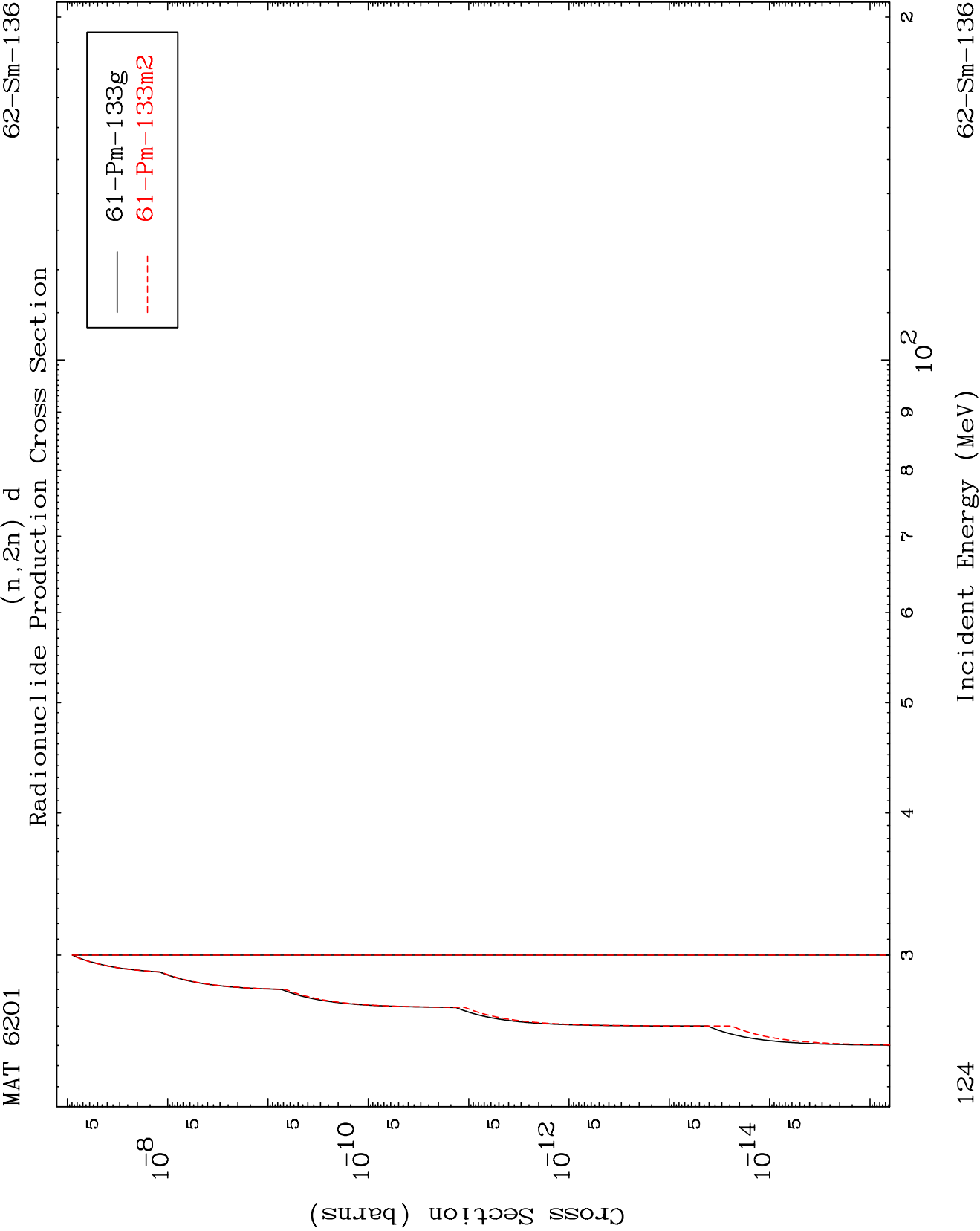


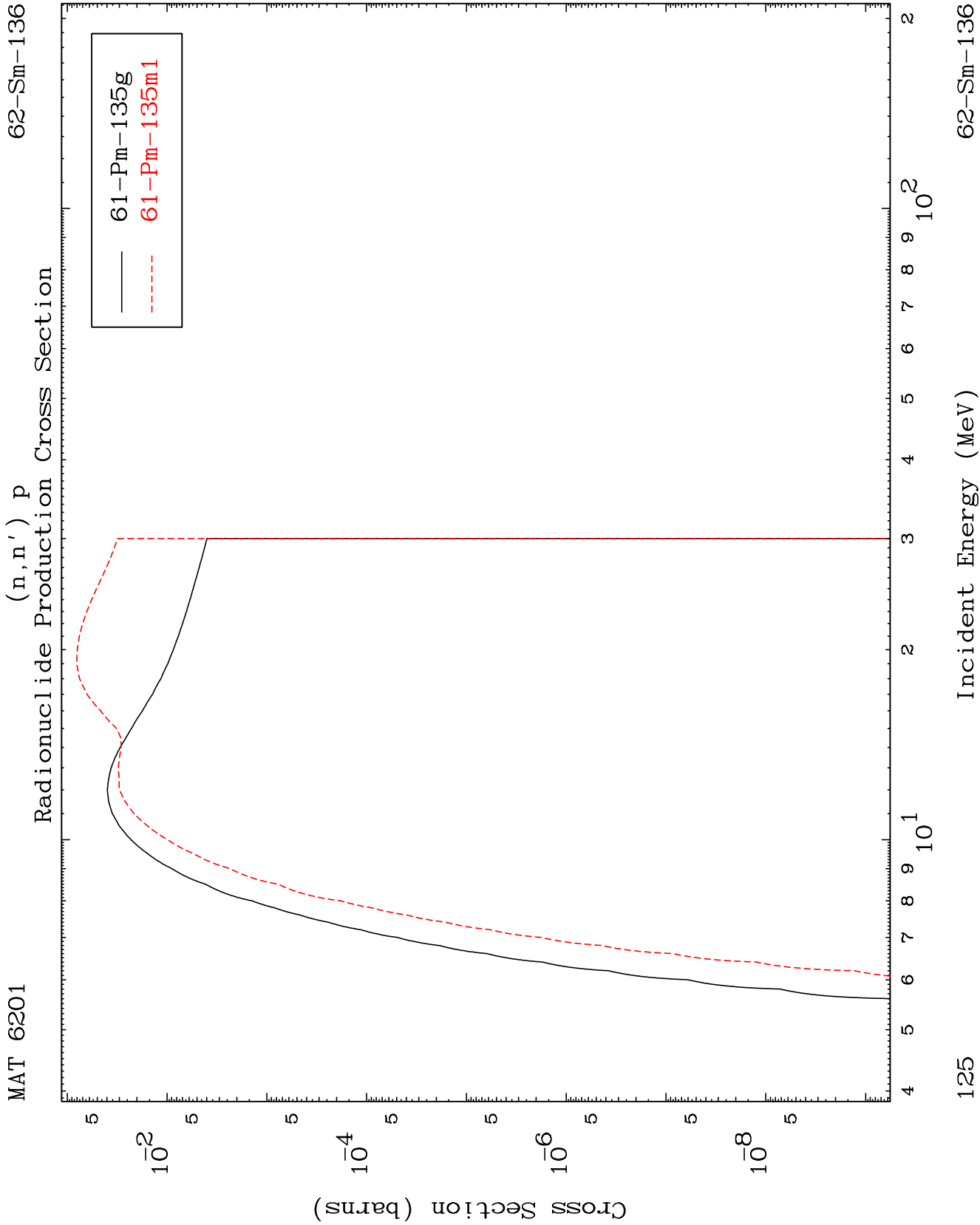
122

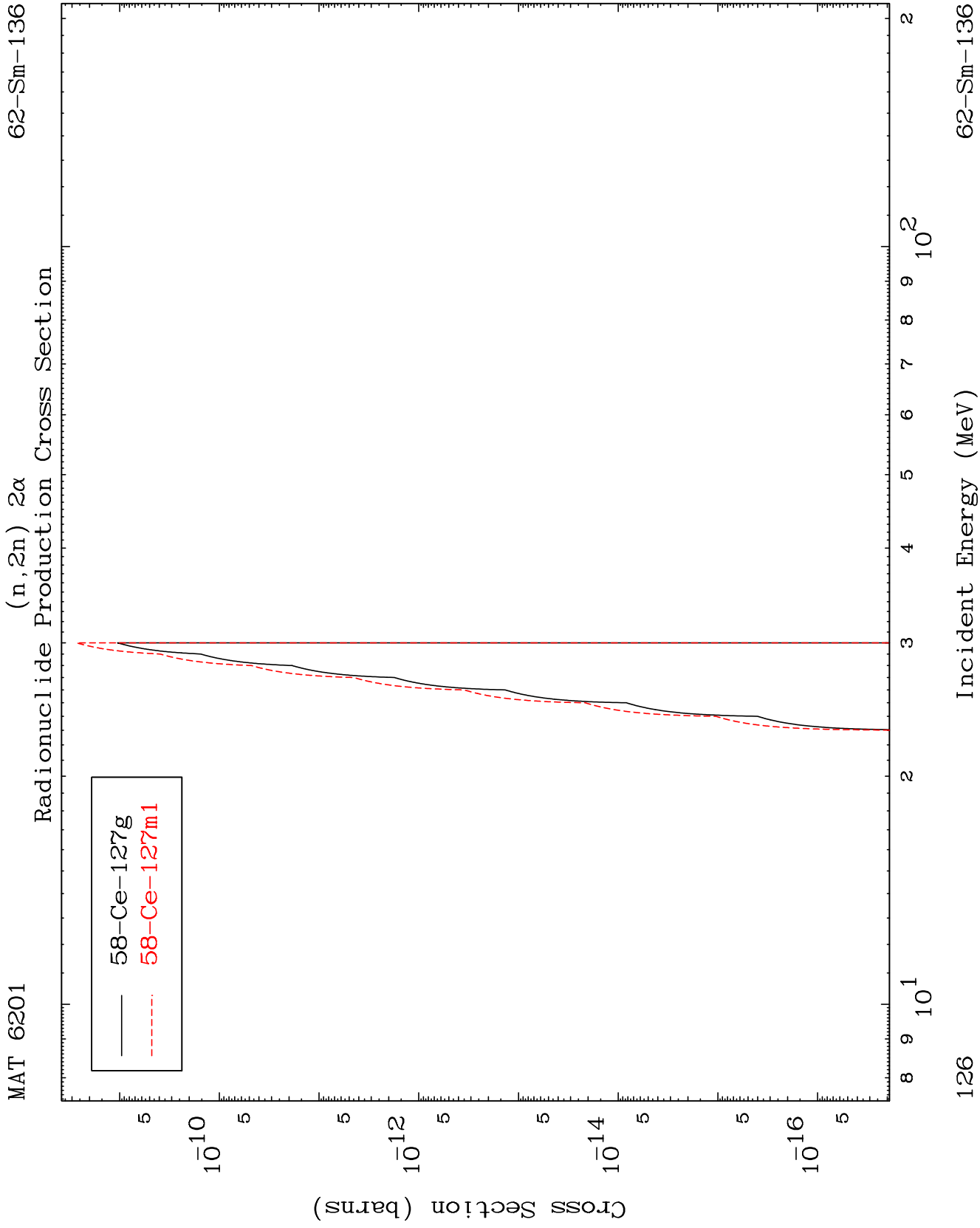
Incident Energy (MeV)

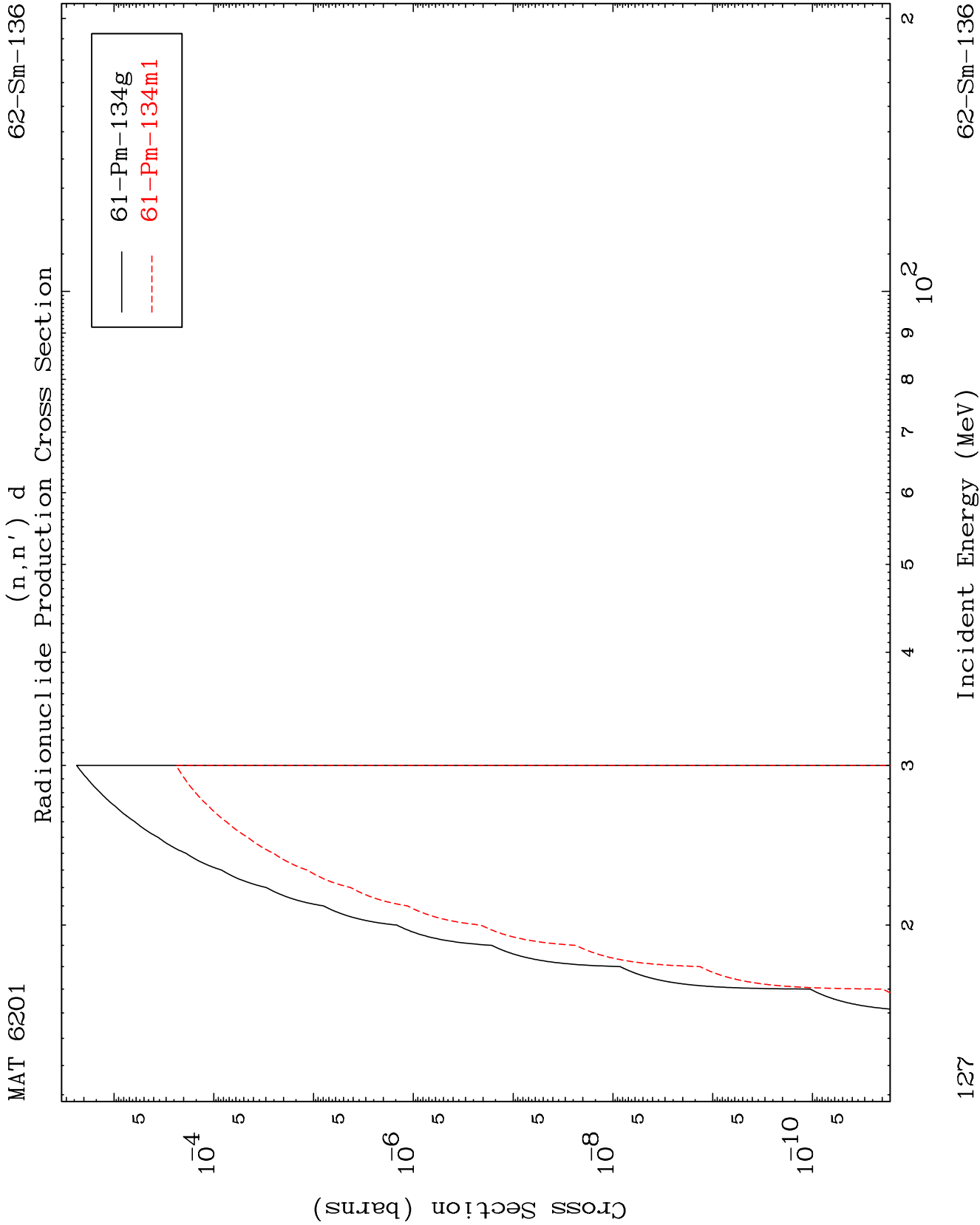
62-Sm-136

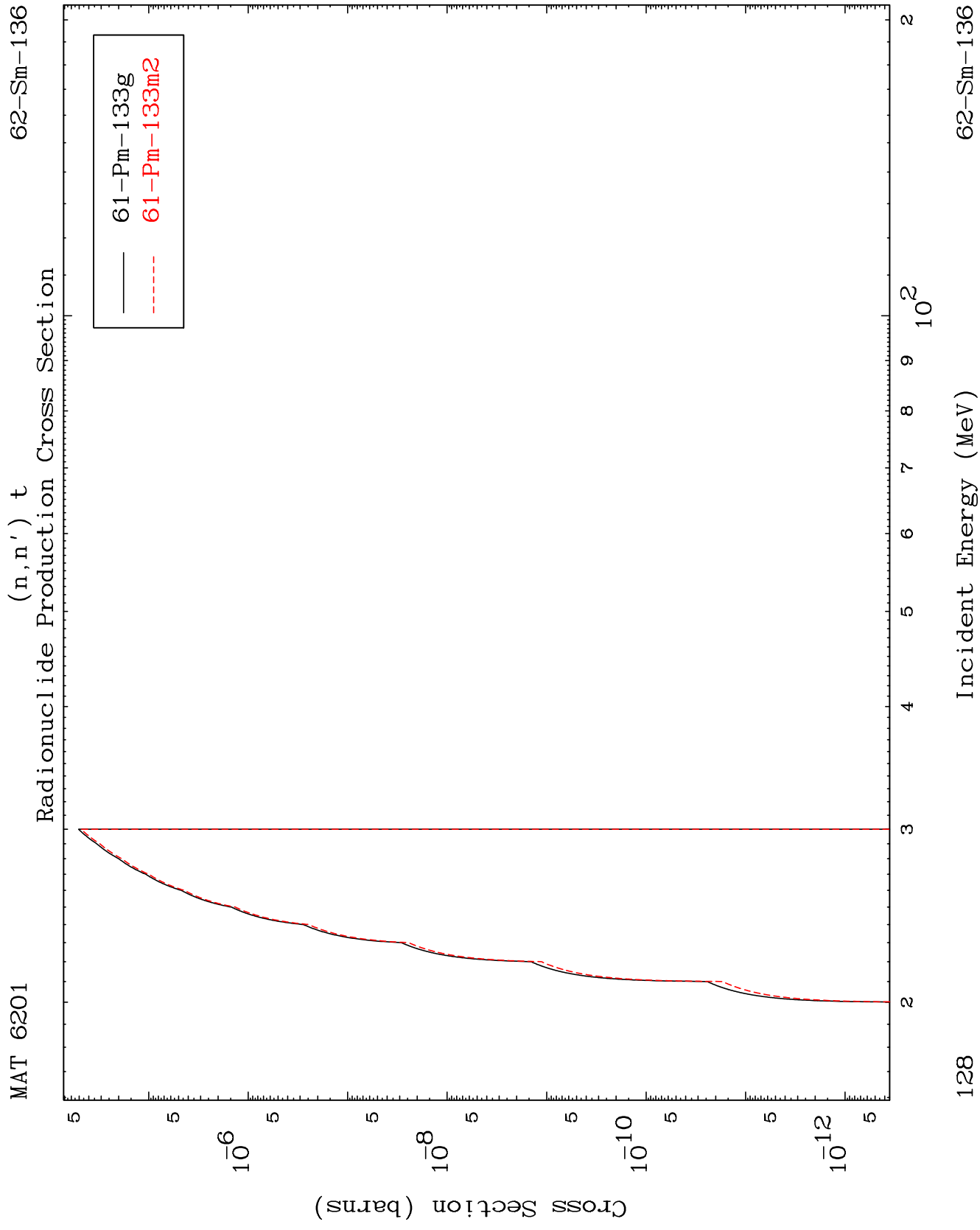










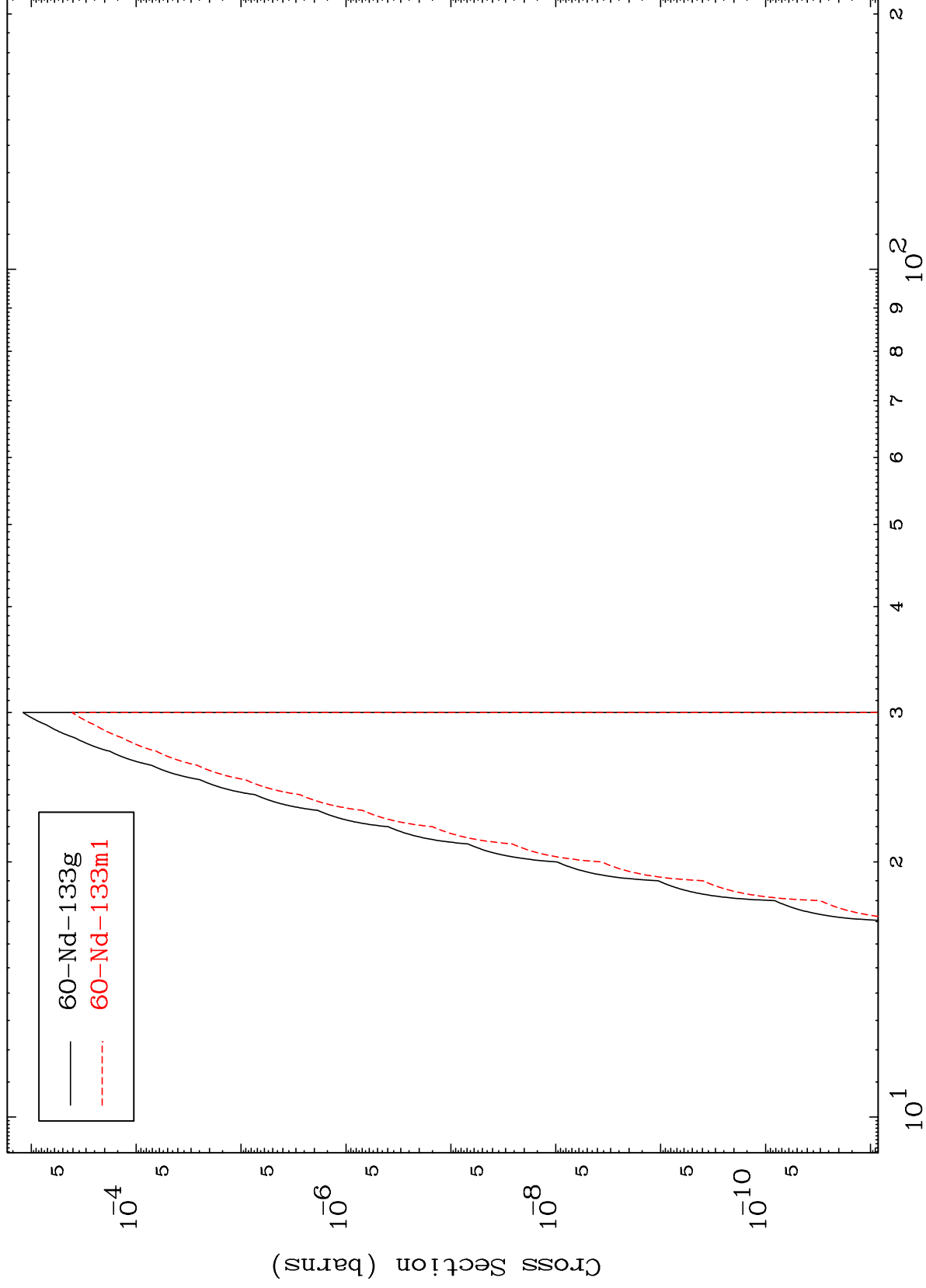


MAT 6201

(n,n') He-3

62-Sm-136

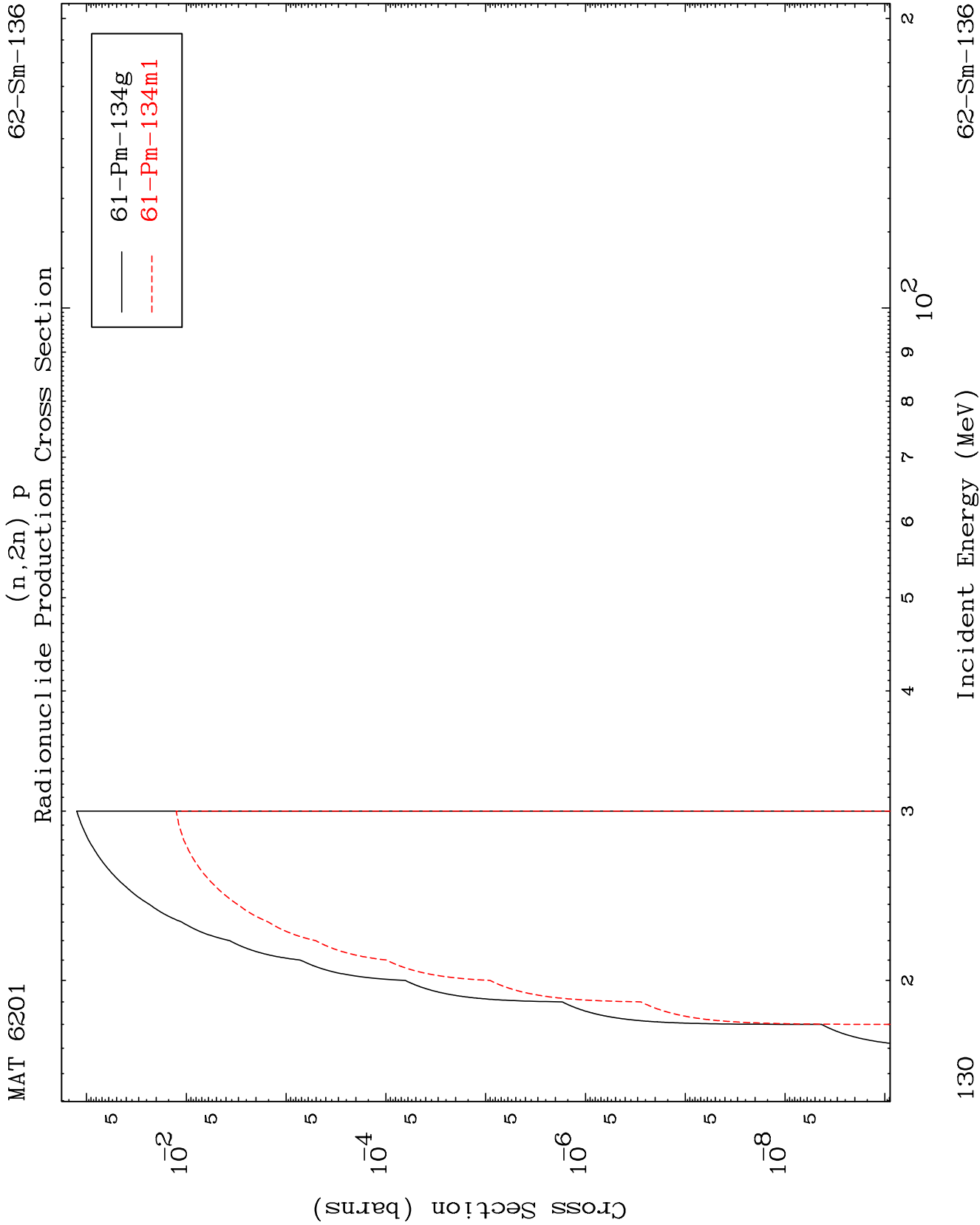
Radionuclide Production Cross Section

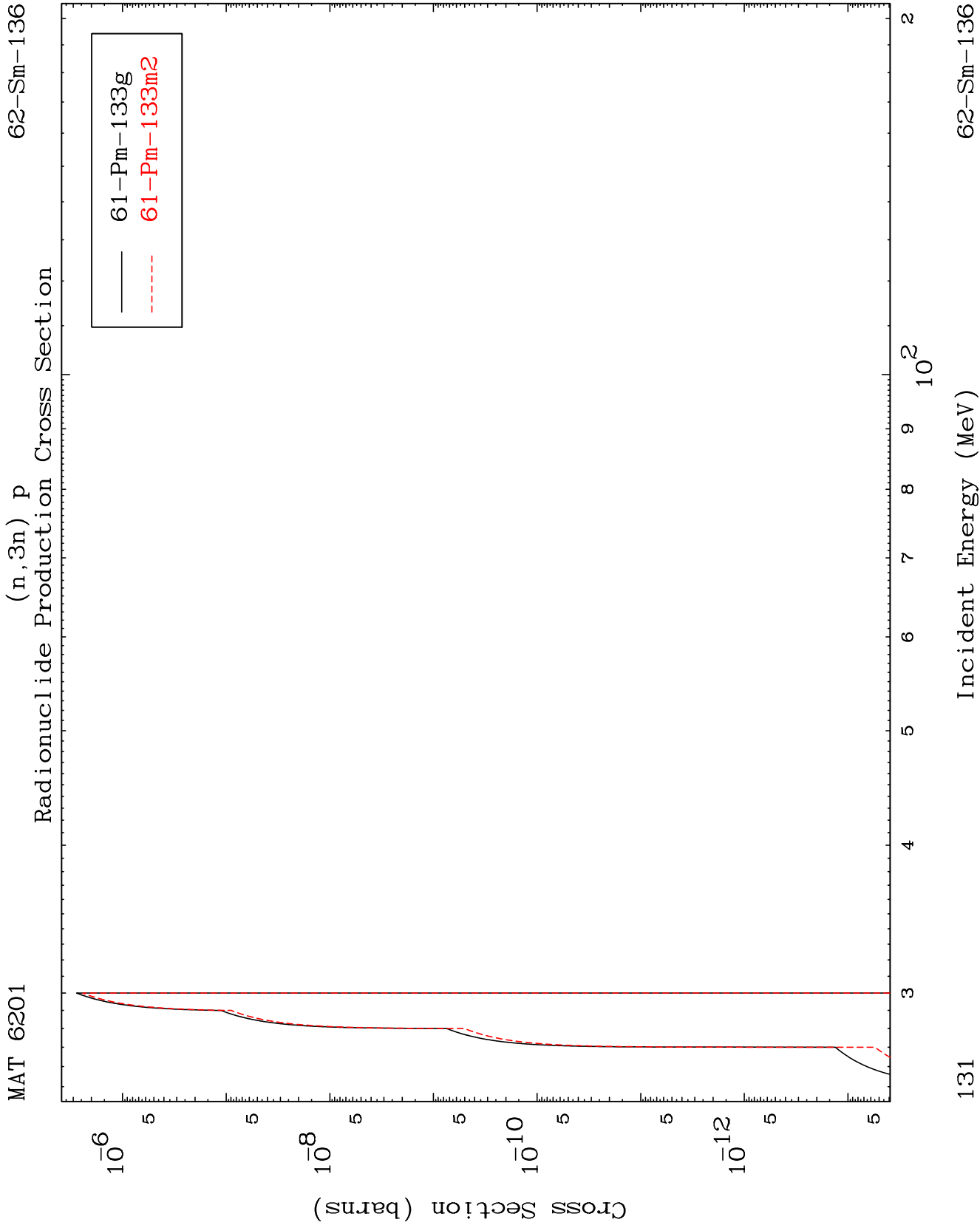


Incident Energy (MeV)

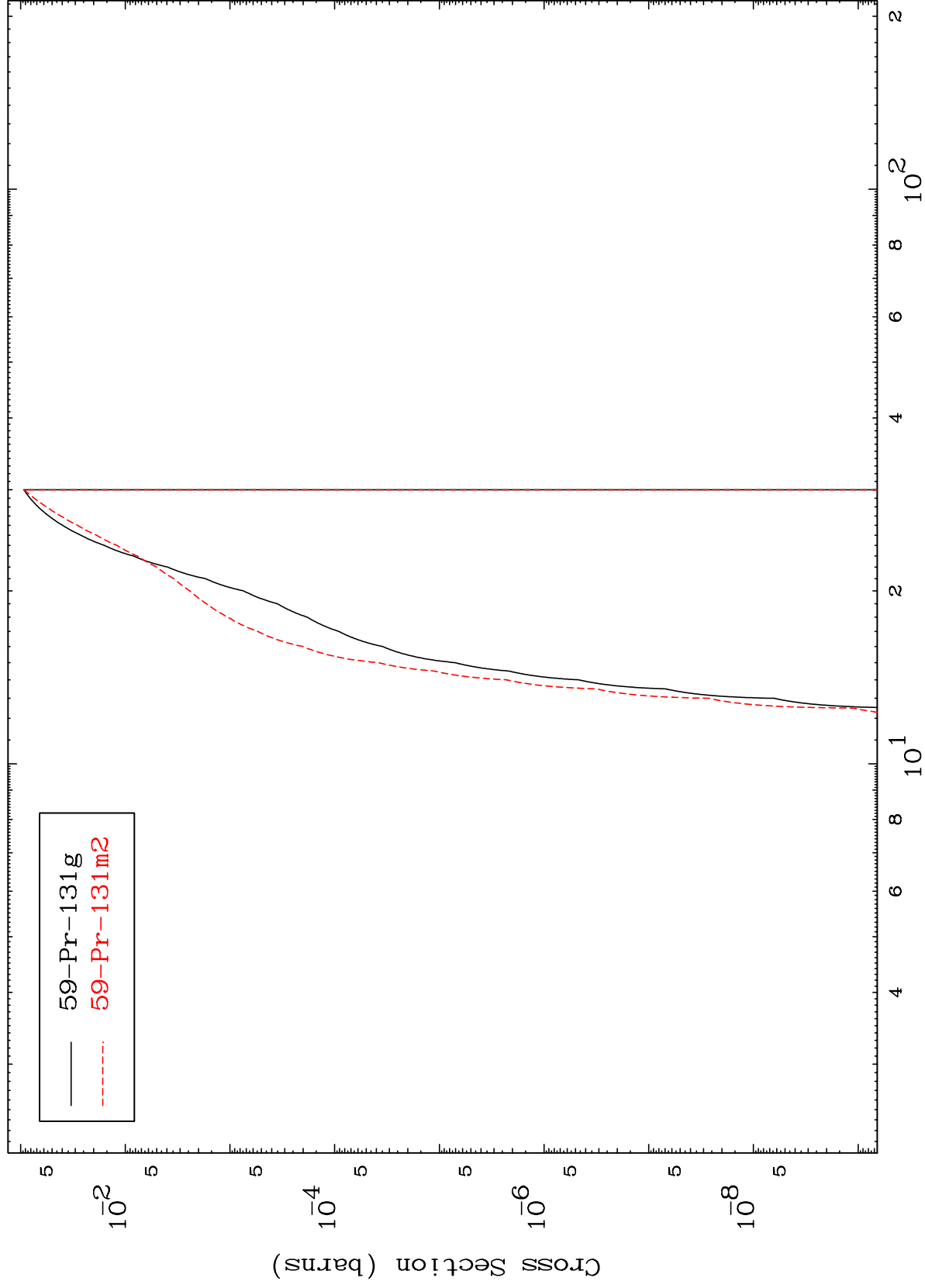
62-Sm-136

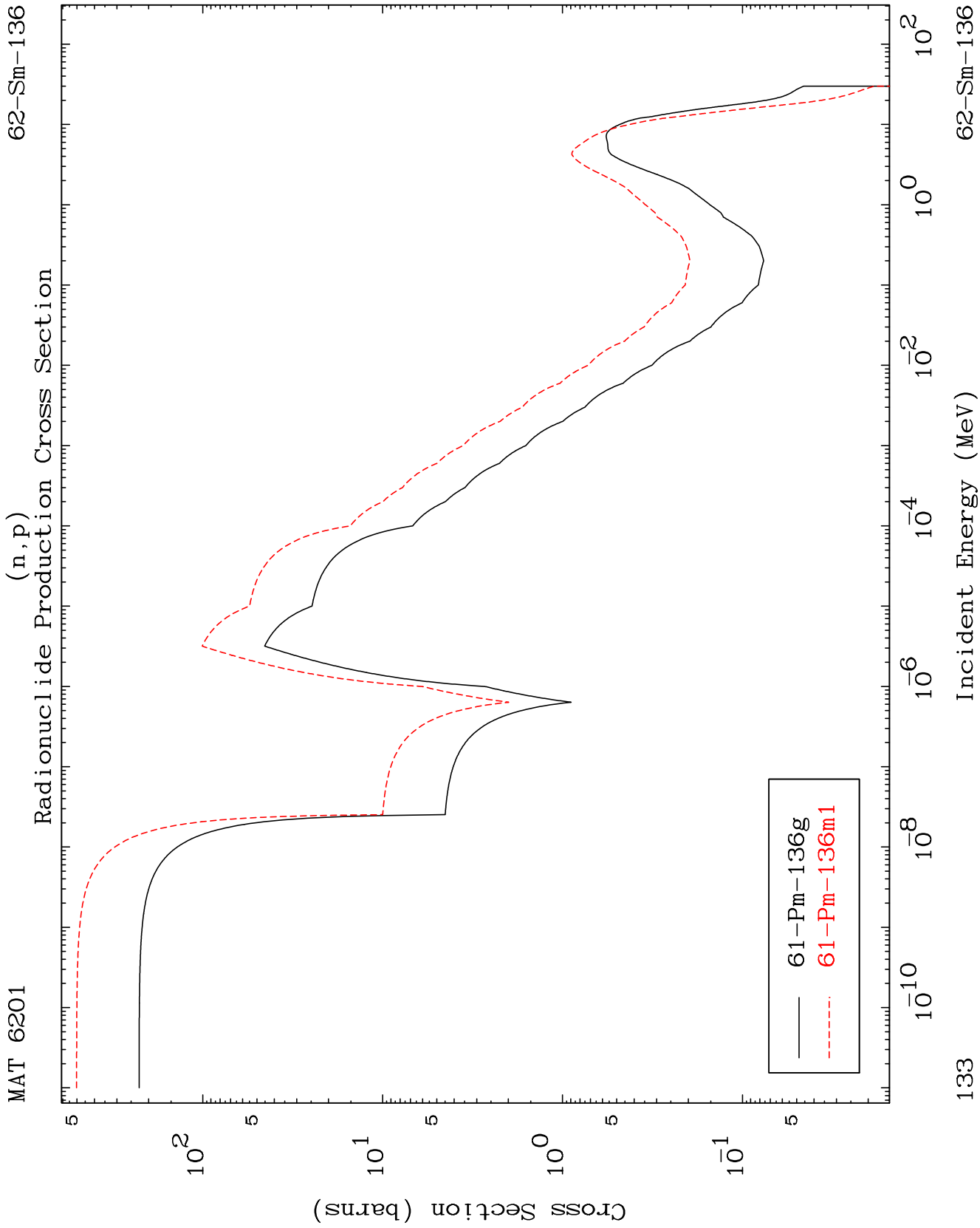
129

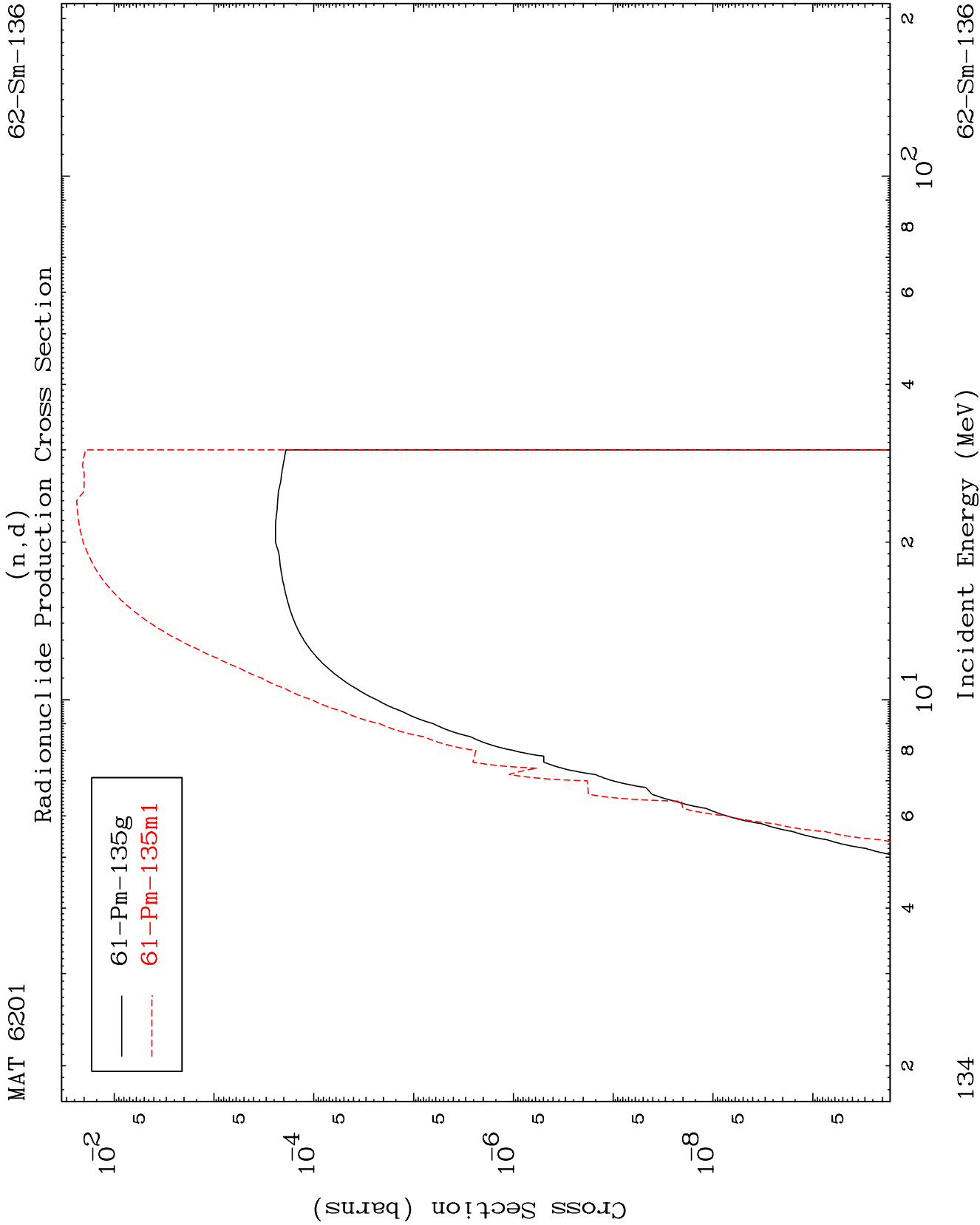


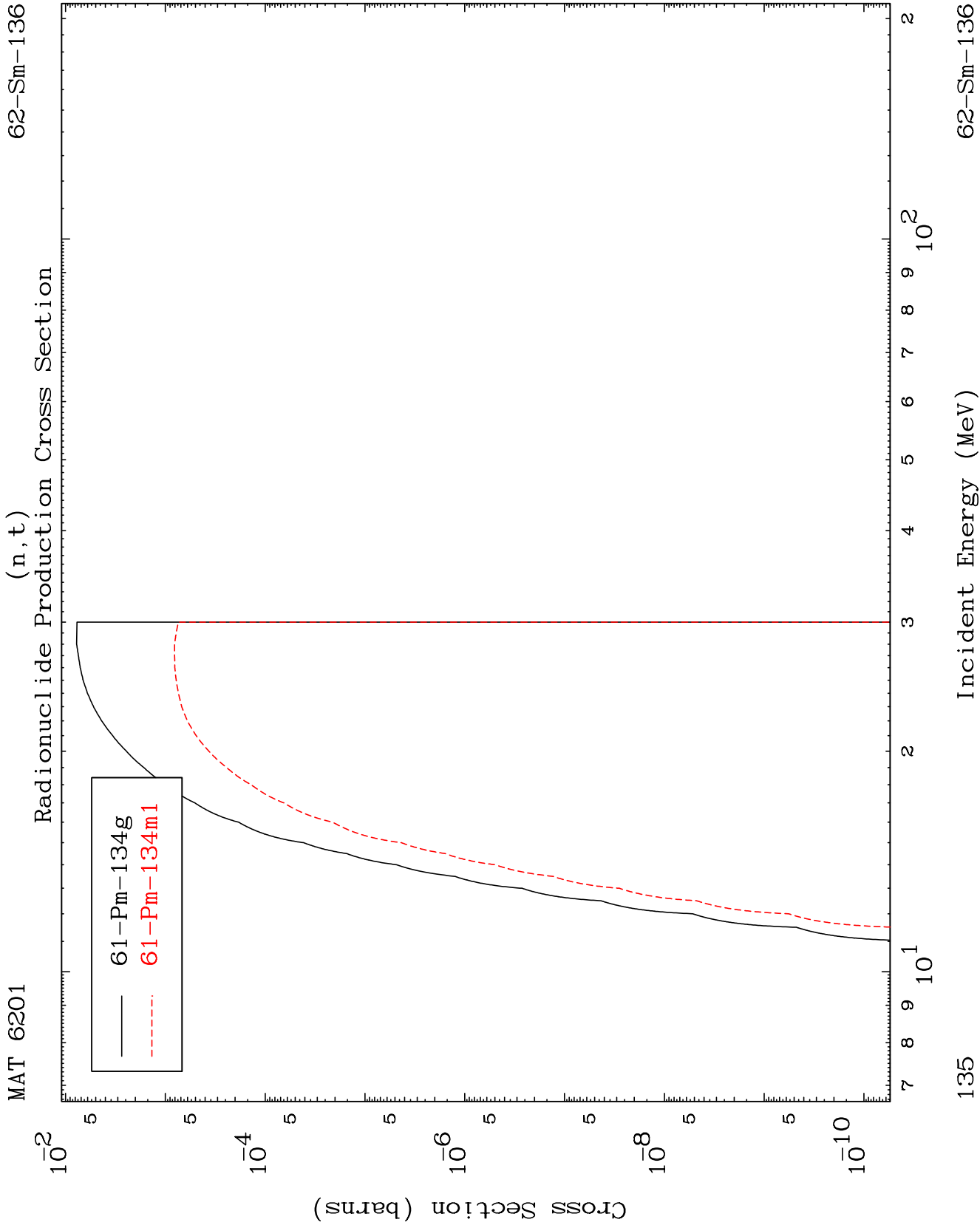


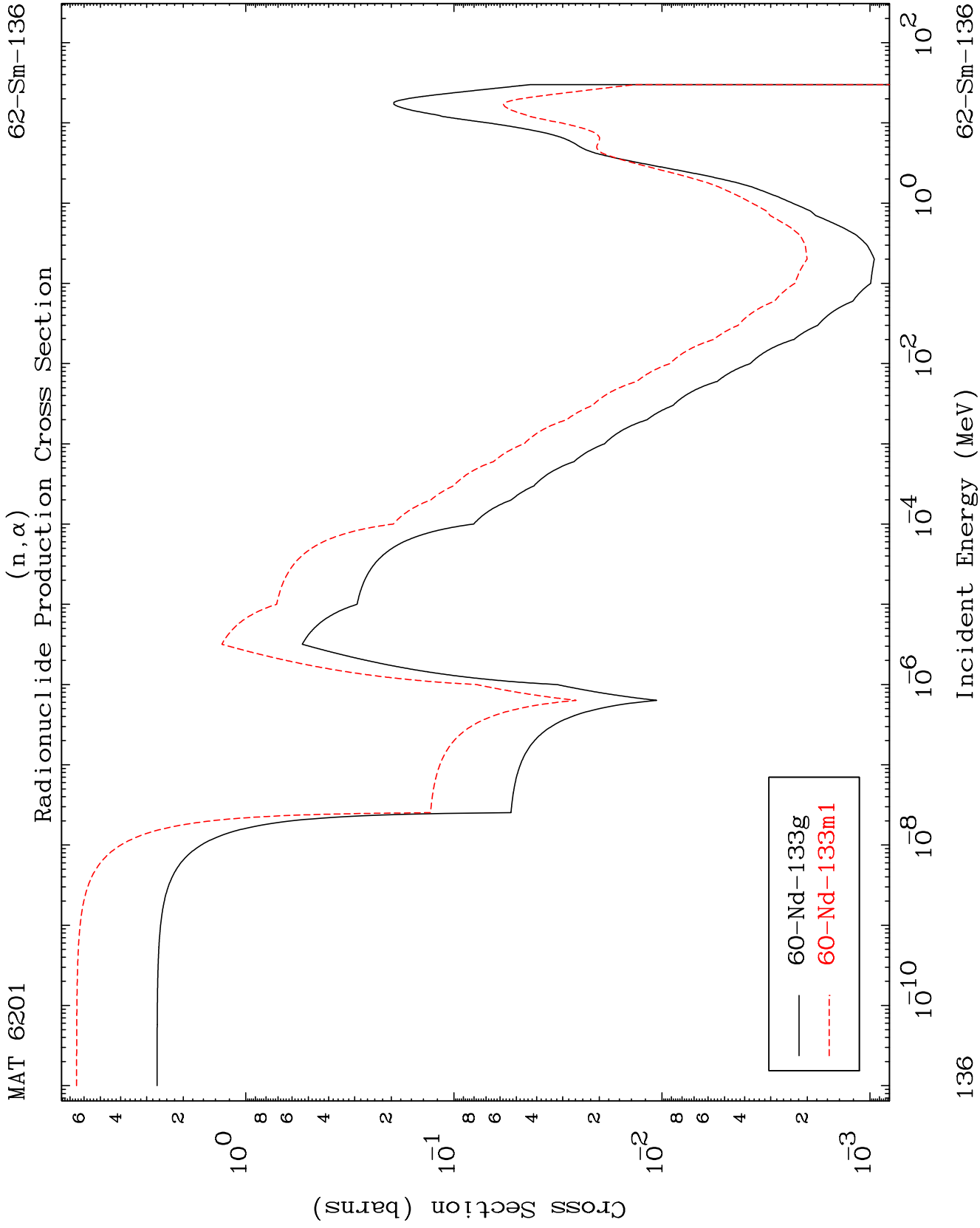
(n,n') p α
Radionuclide Production Cross Section









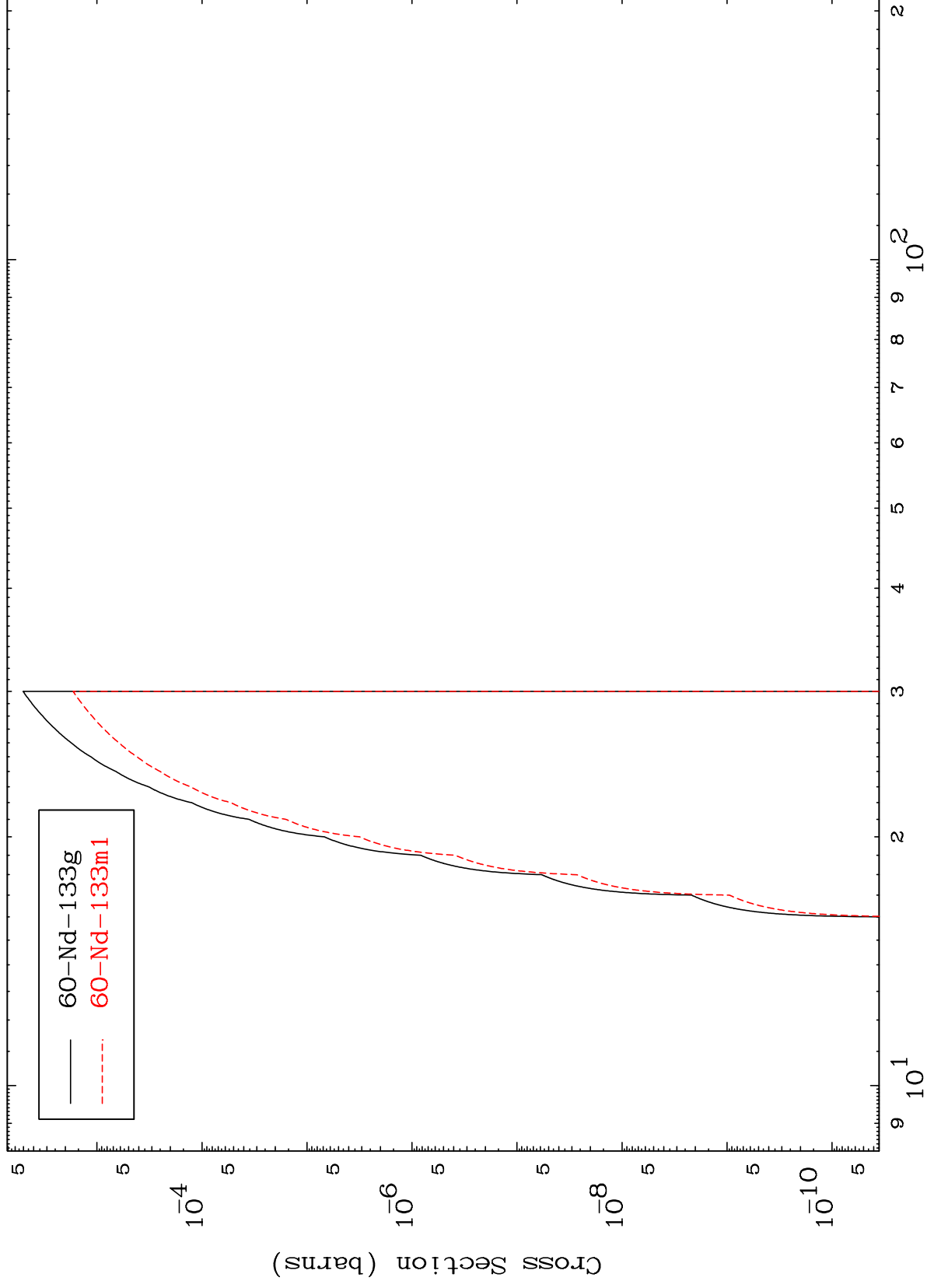


MAT 6201

(n,p) t

62-Sm-136

Radionuclide Production Cross Section



137

Incident Energy (MeV)

62-Sm-136

