

Program EVALPLOT
(Version 2021-1)

by

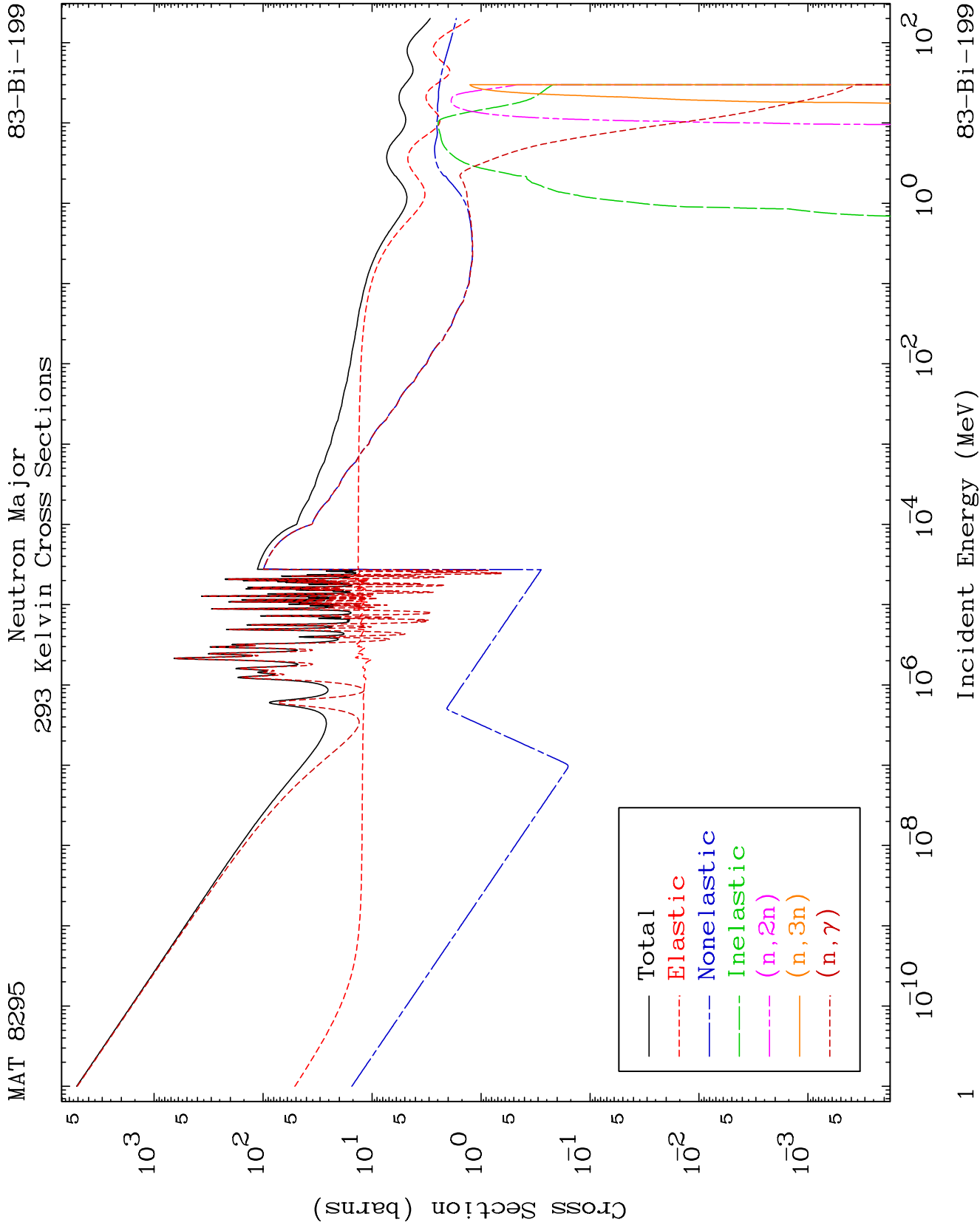
Dermott E. Cullen
(Present Contact Information)

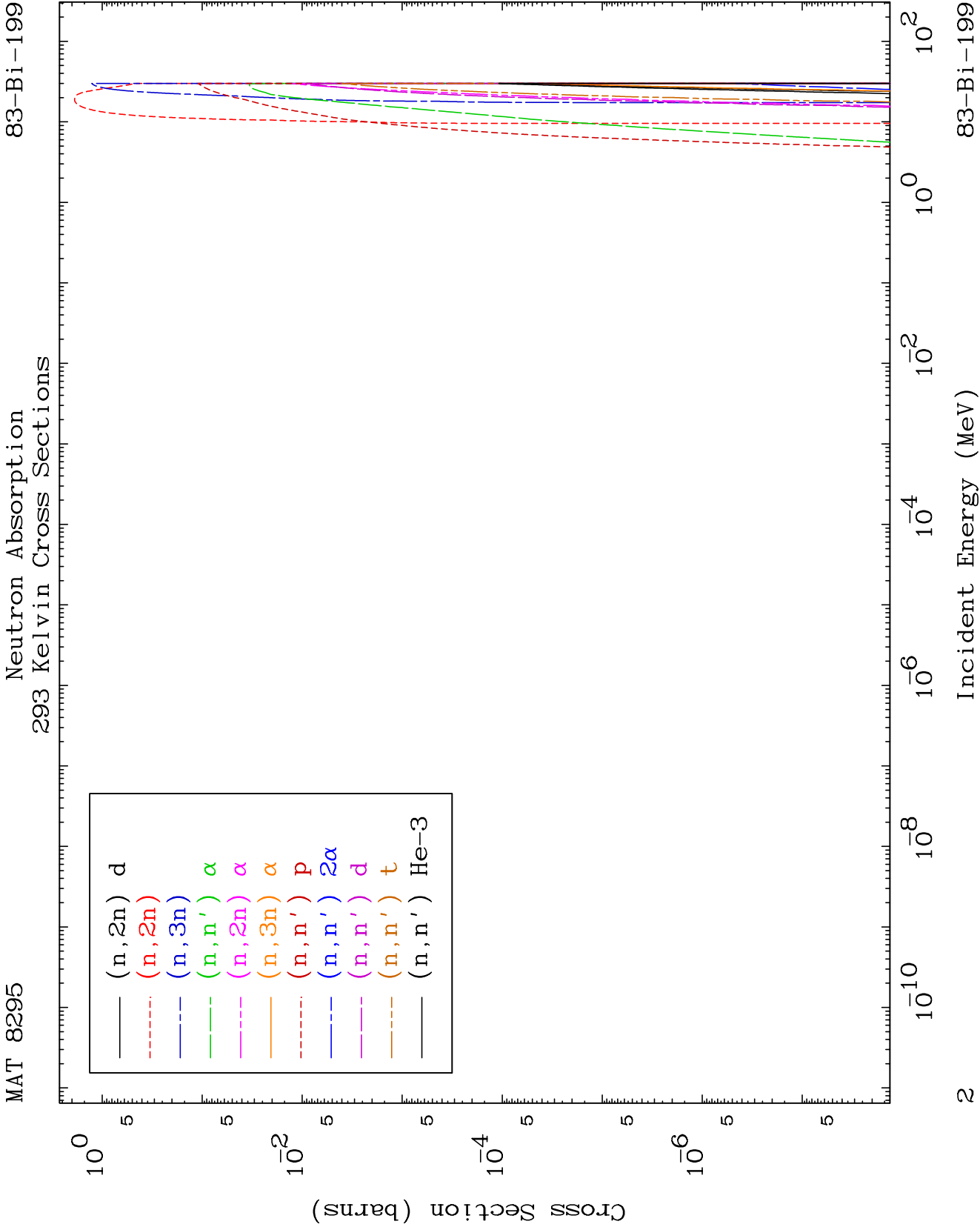
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

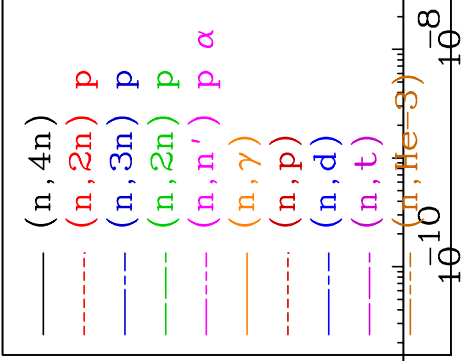
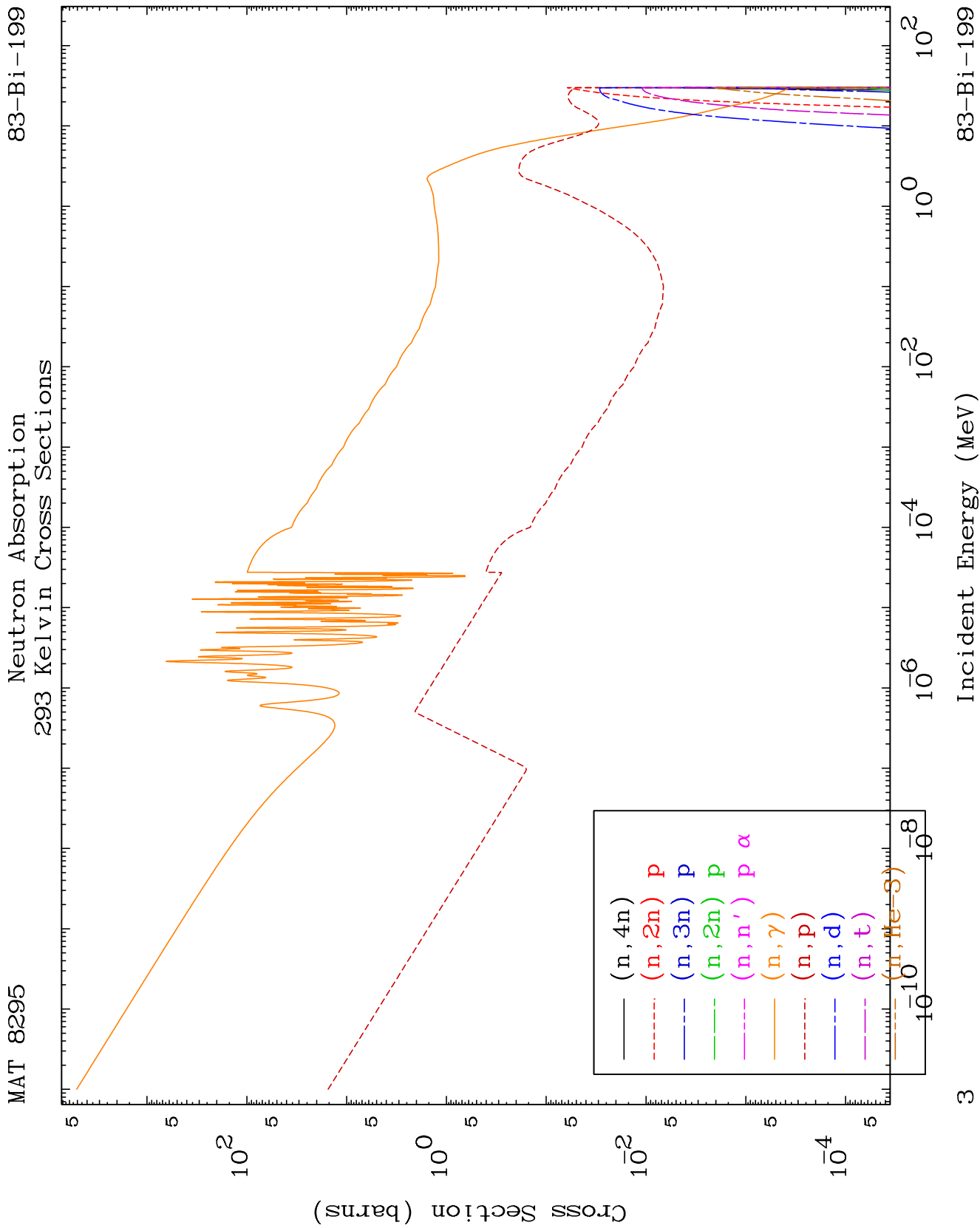
Tele: 925-443-1911

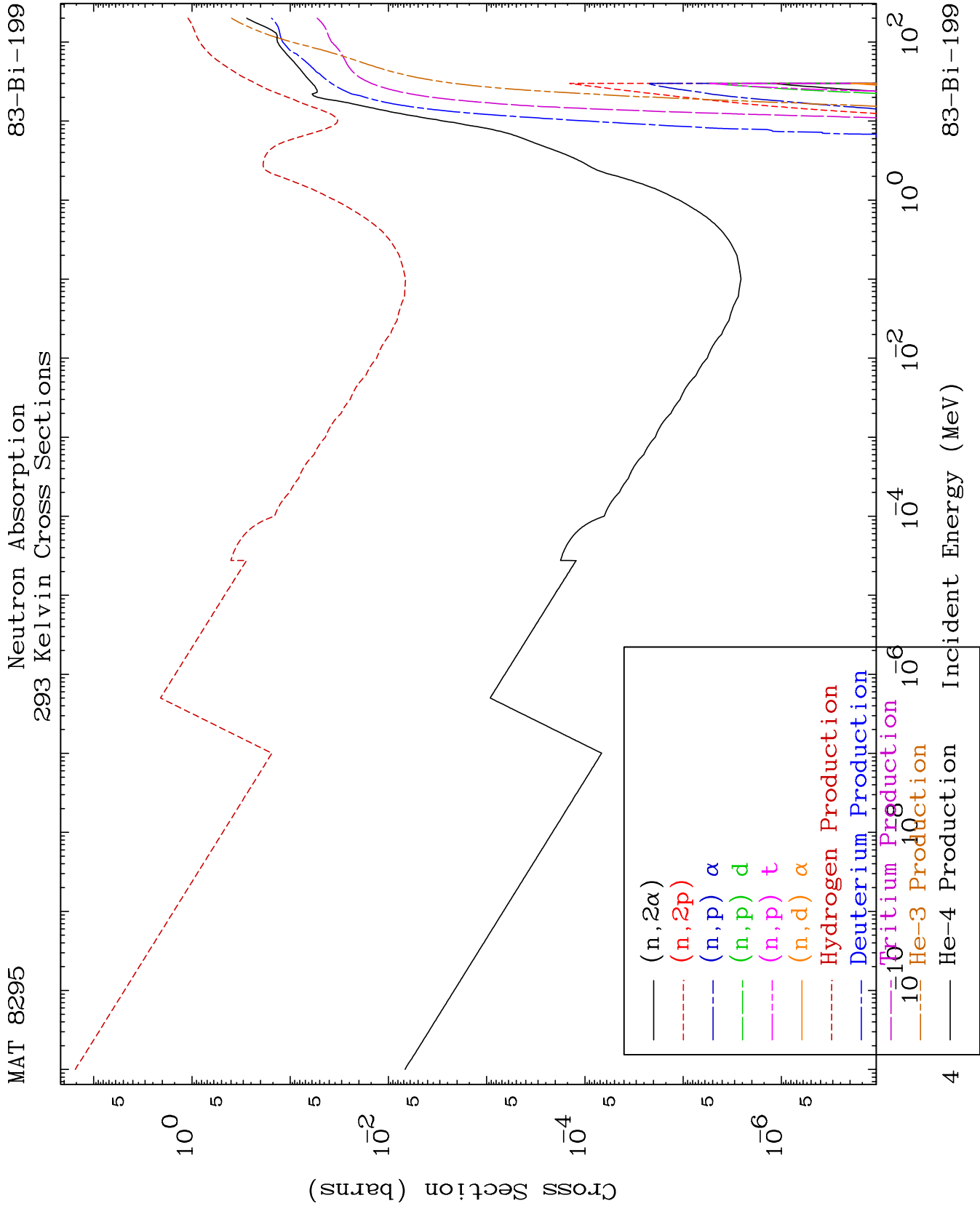
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





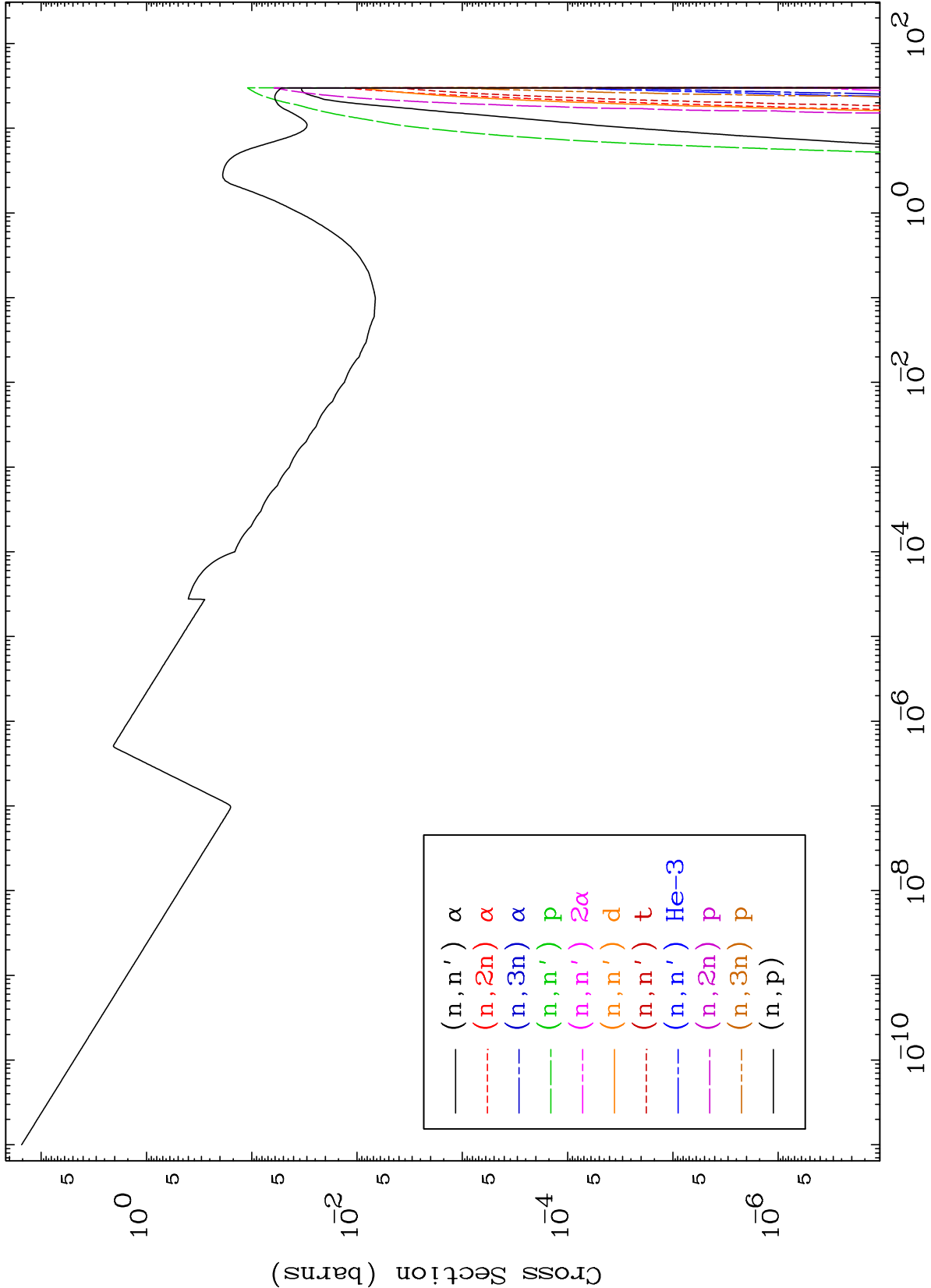


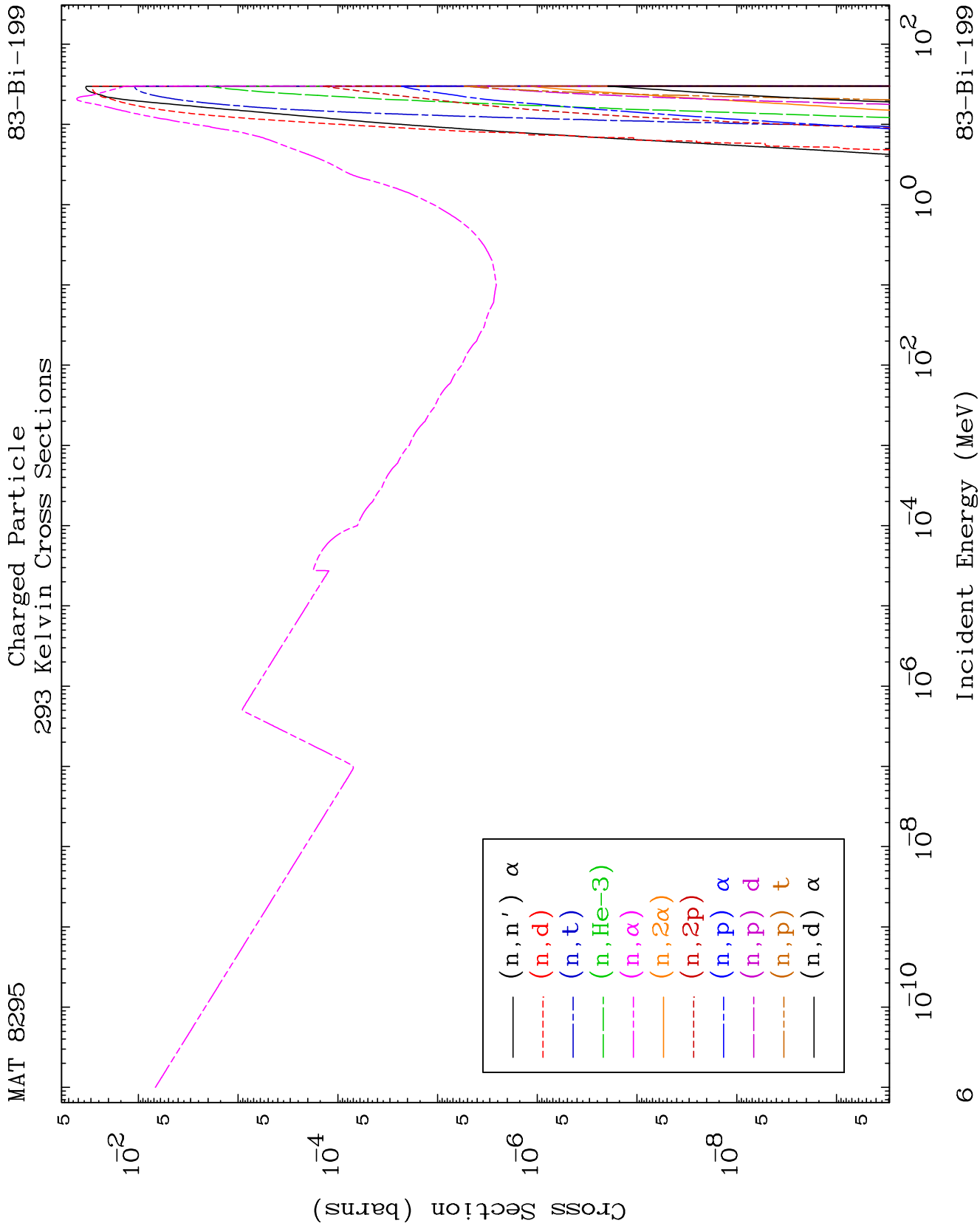


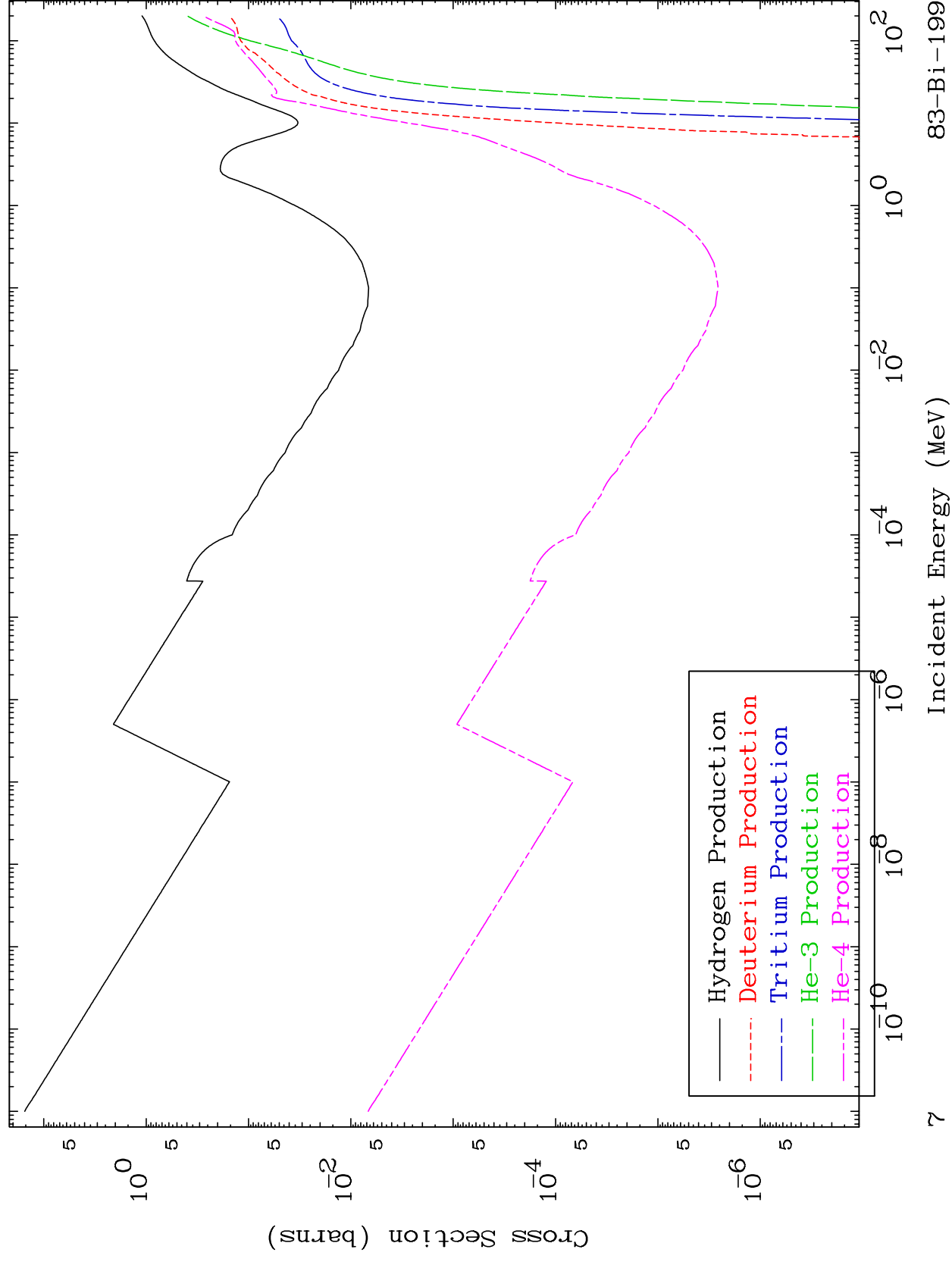
MAT 8295

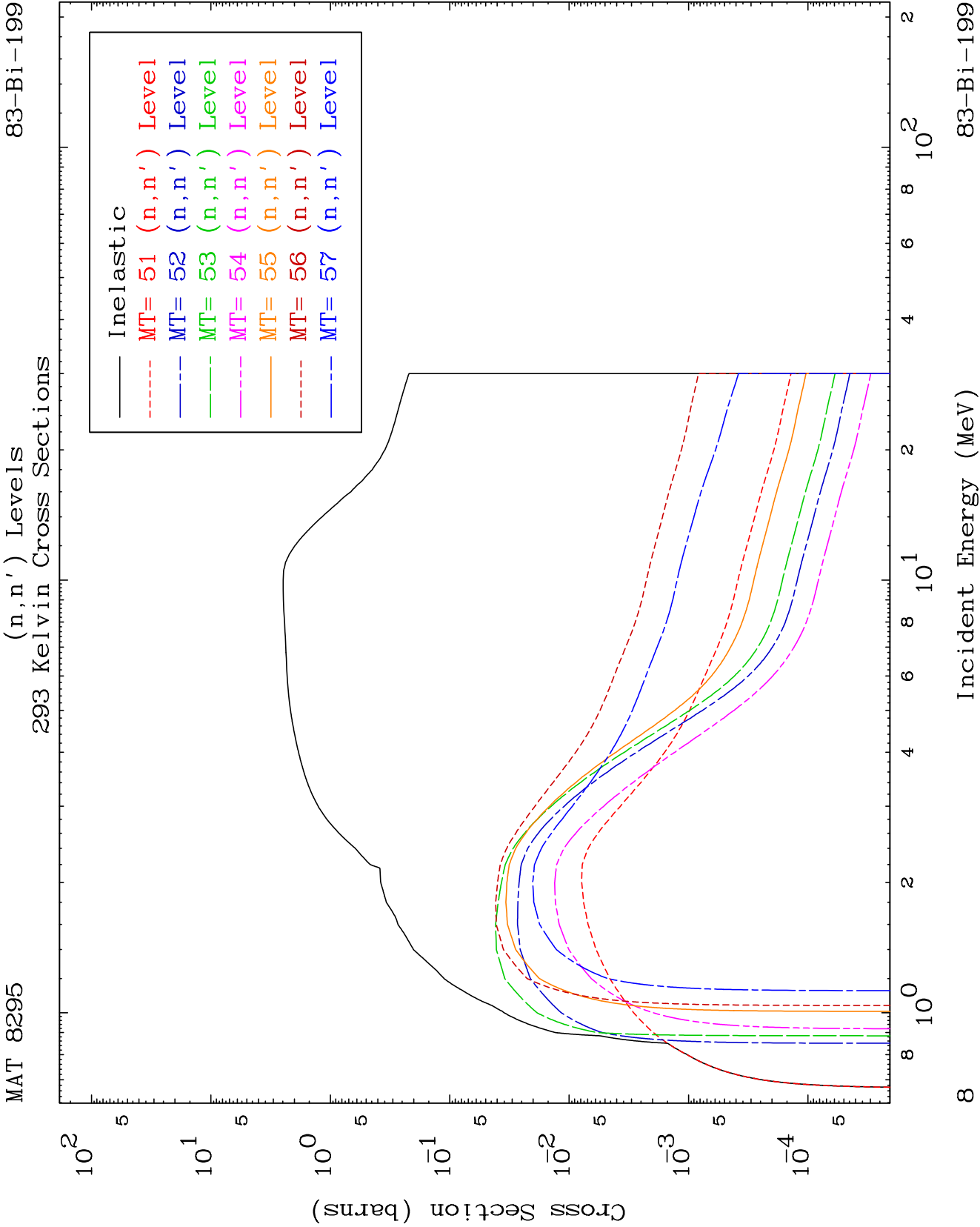
Charged Particle
293 Kelvin Cross Sections

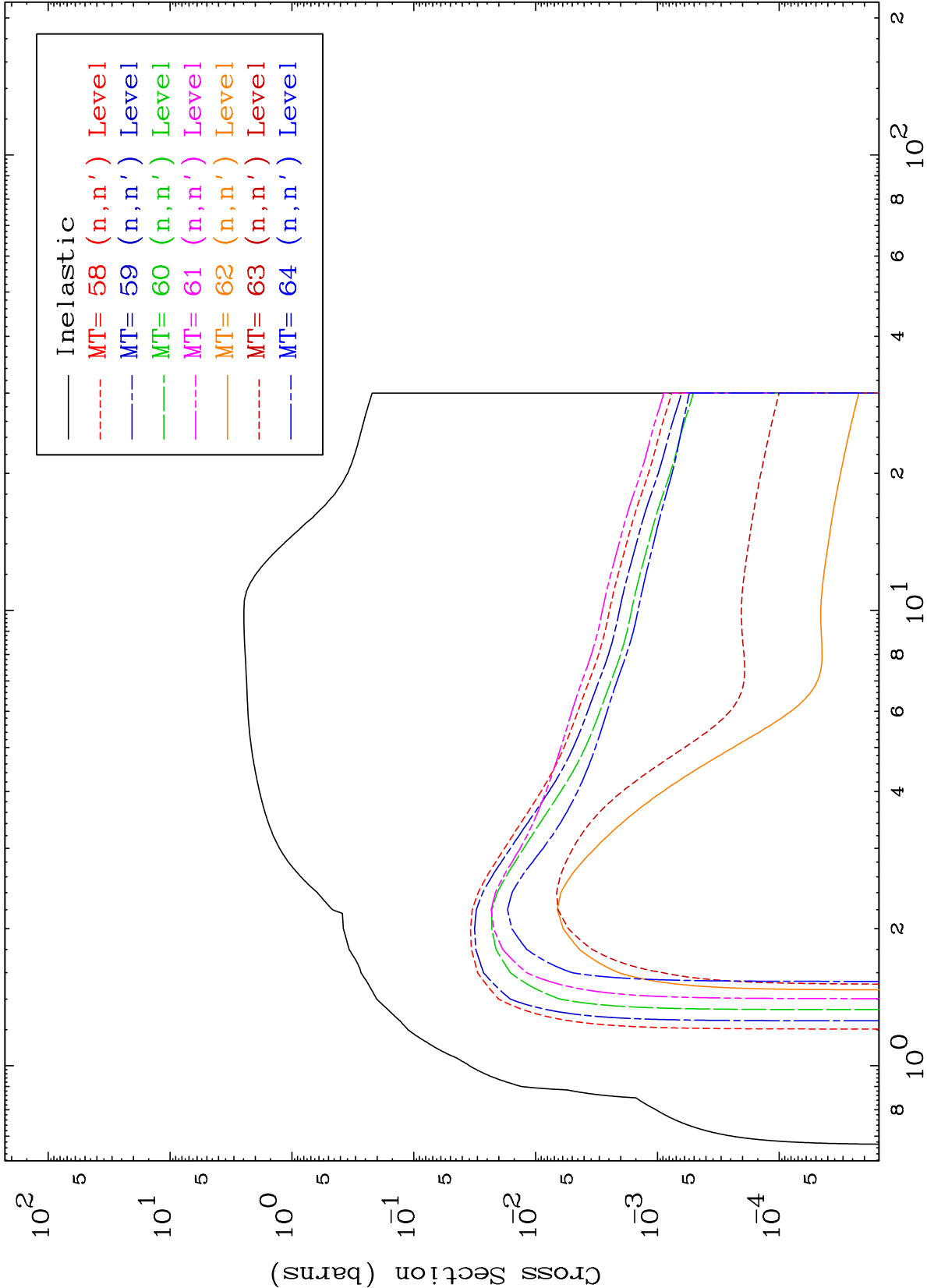
83-Bi-199

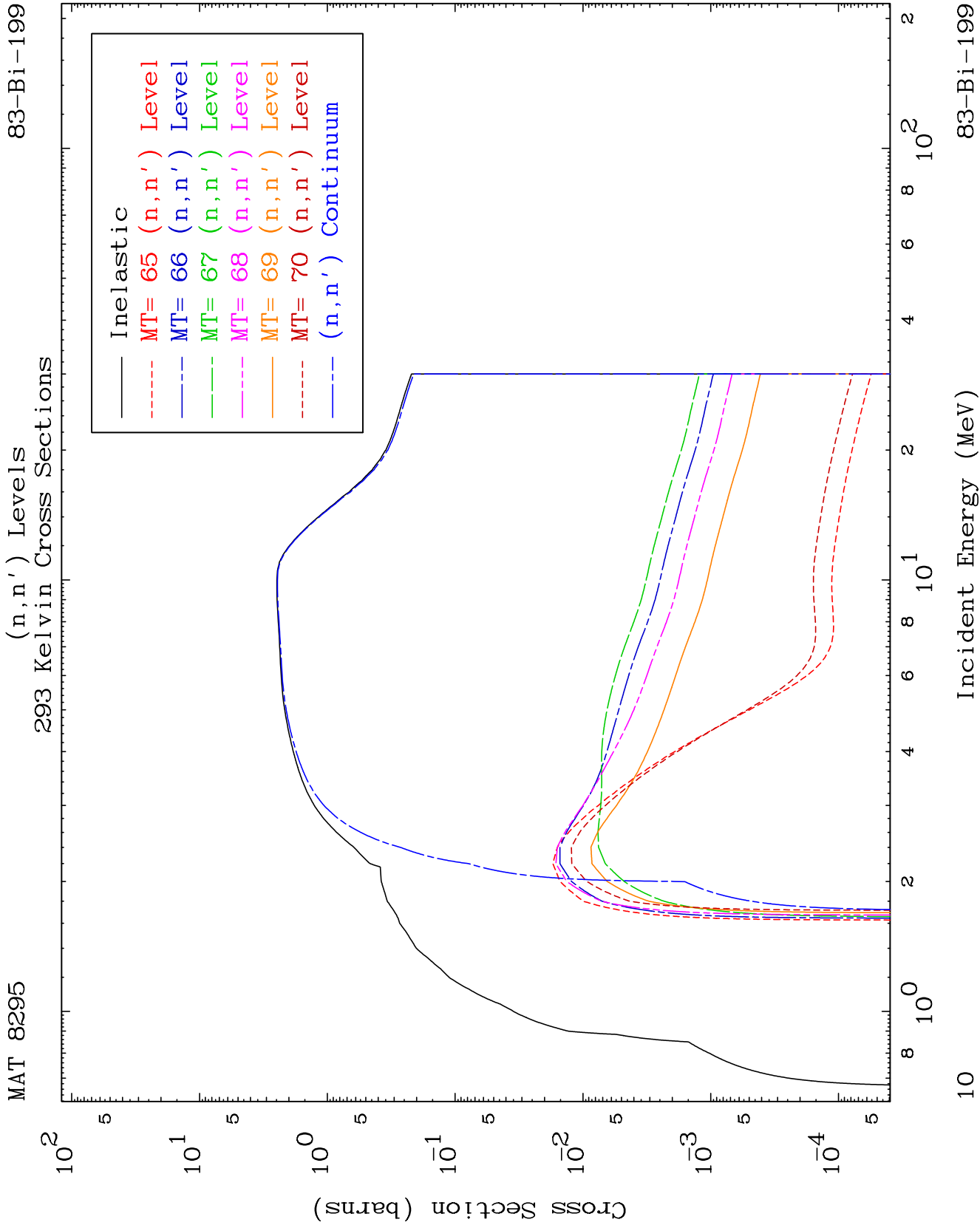








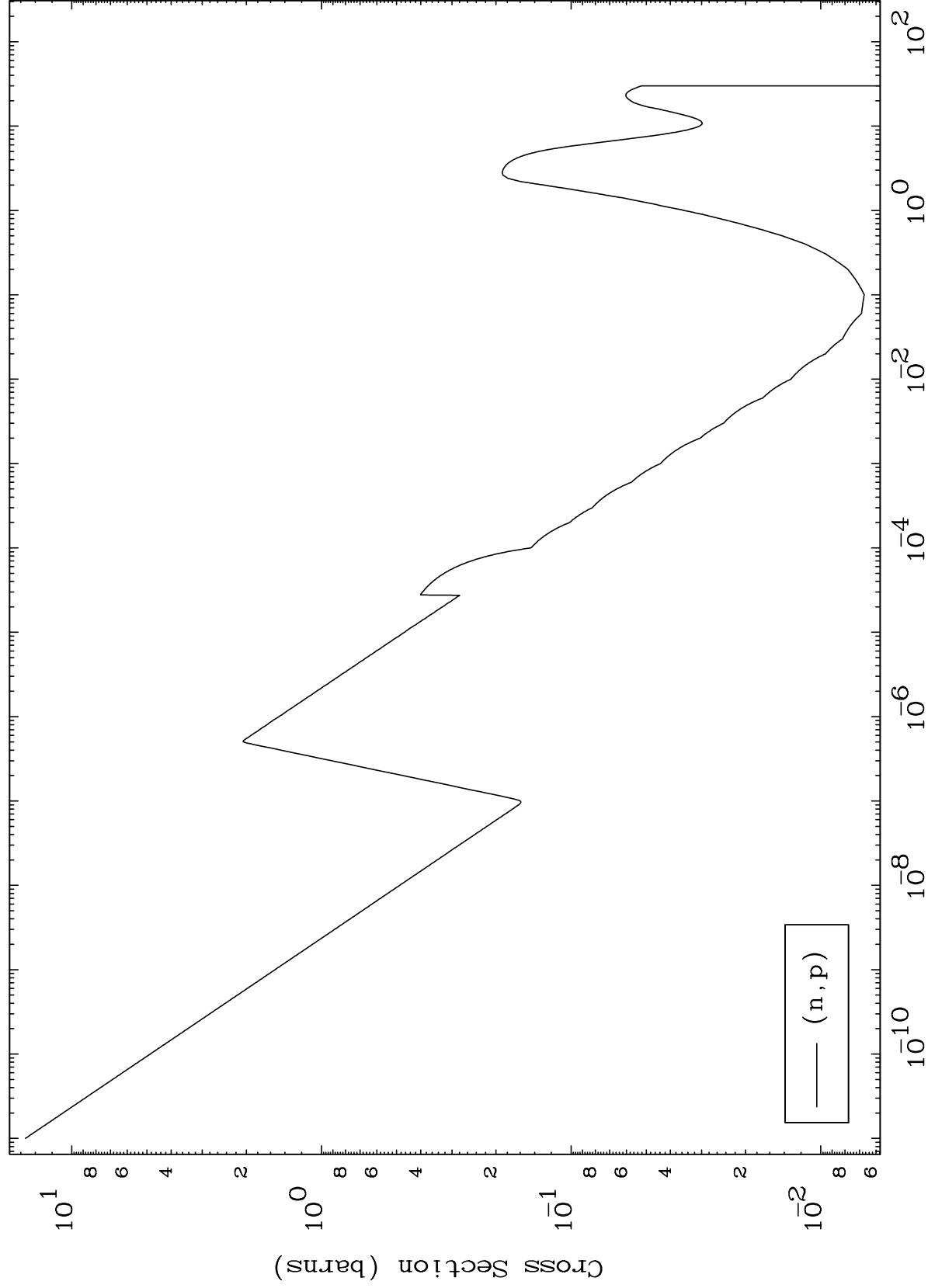




MAT 8295

(n,p) Levels
293 Kelvin Cross Sections

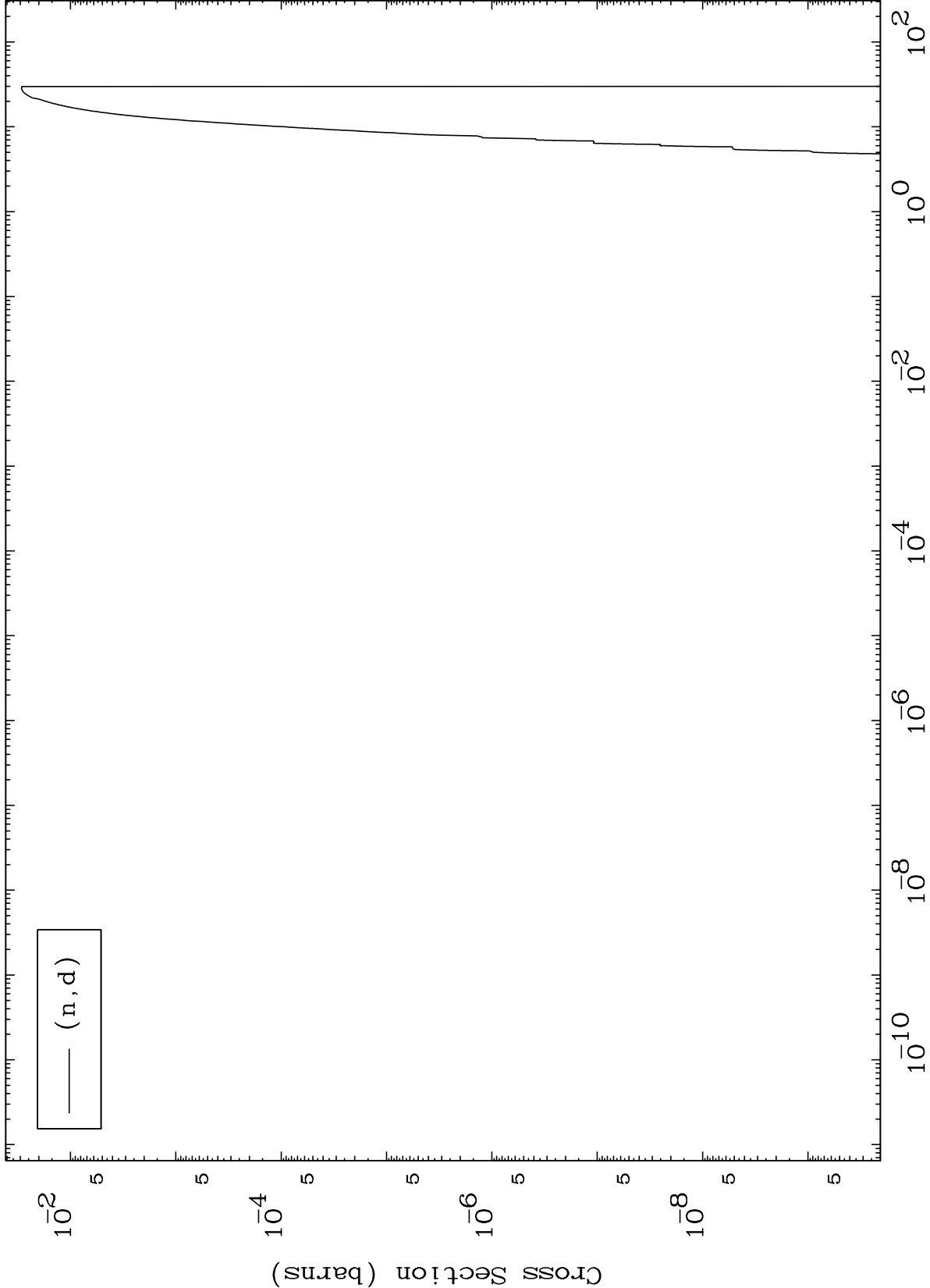
83-Bi-199



MAT 8295

(n,d) Levels
293 Kelvin Cross Sections

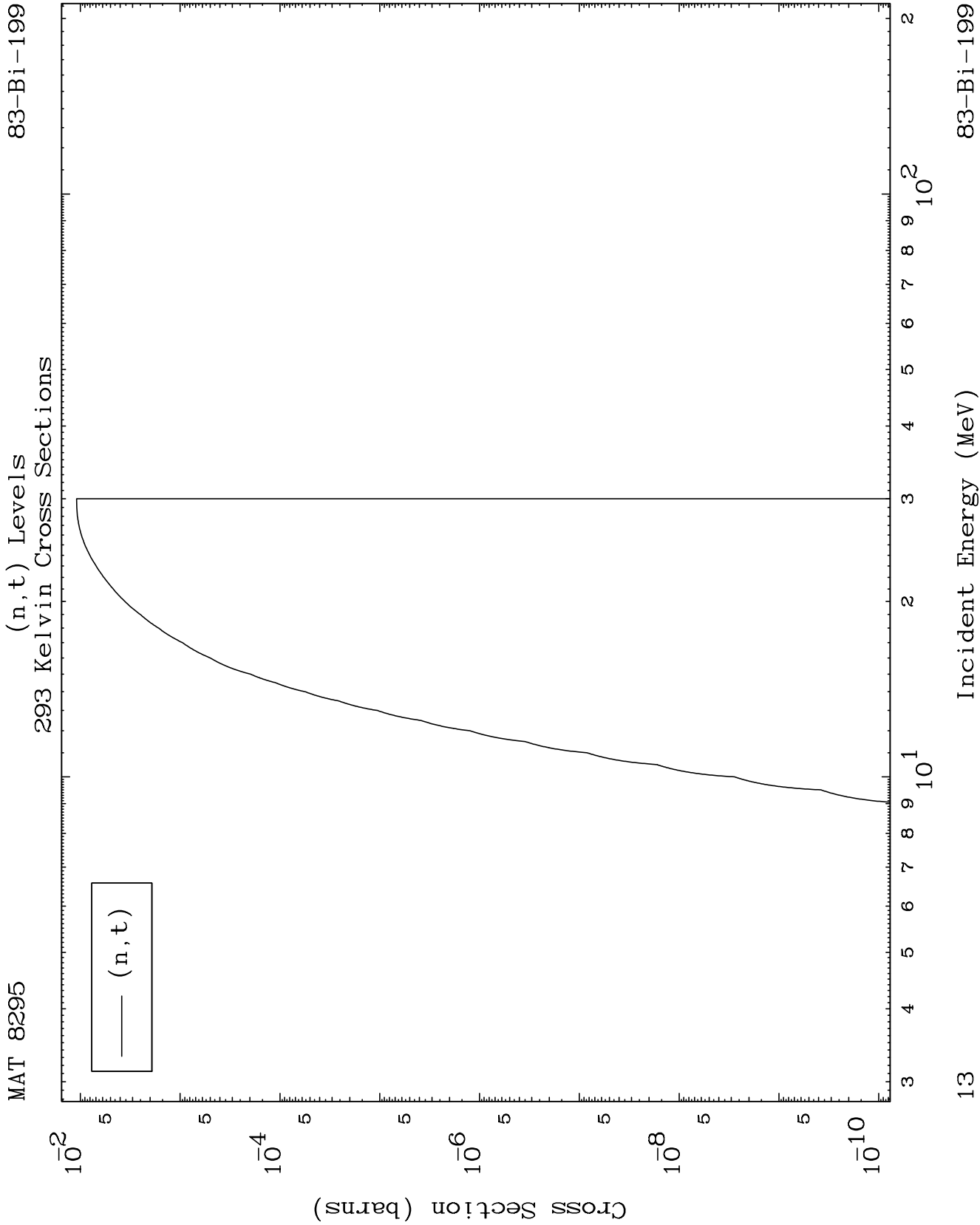
83-Bi-199

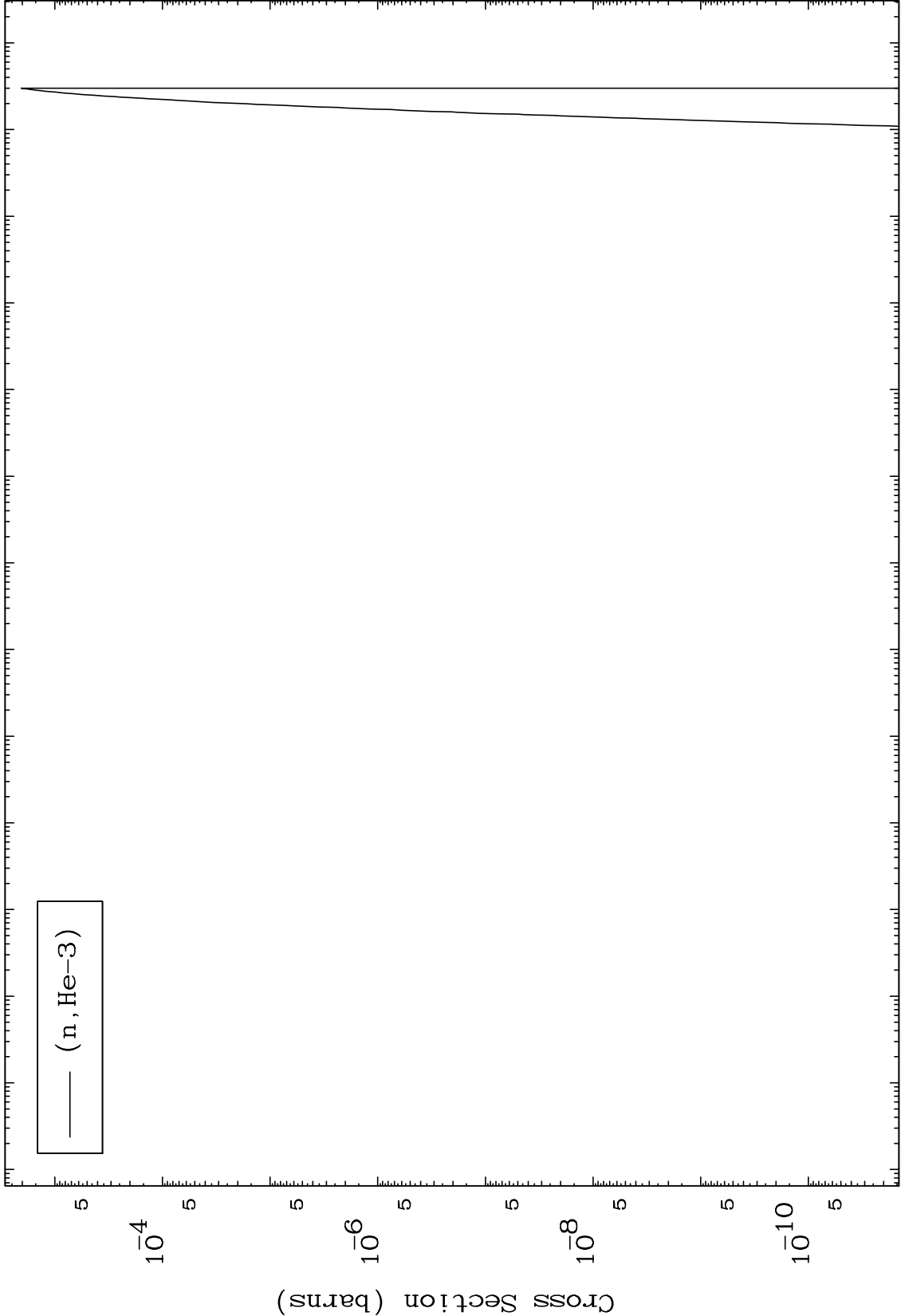


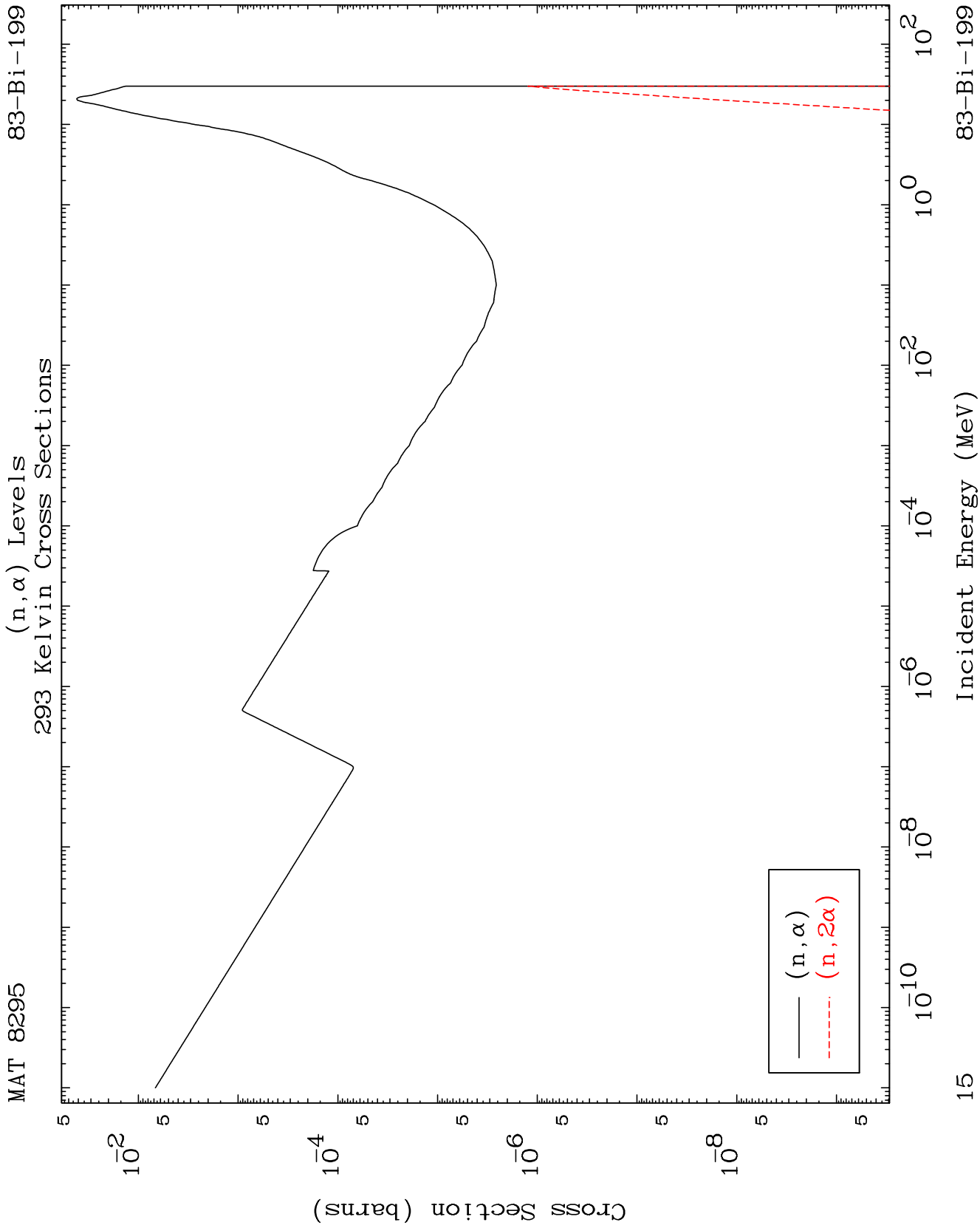
12

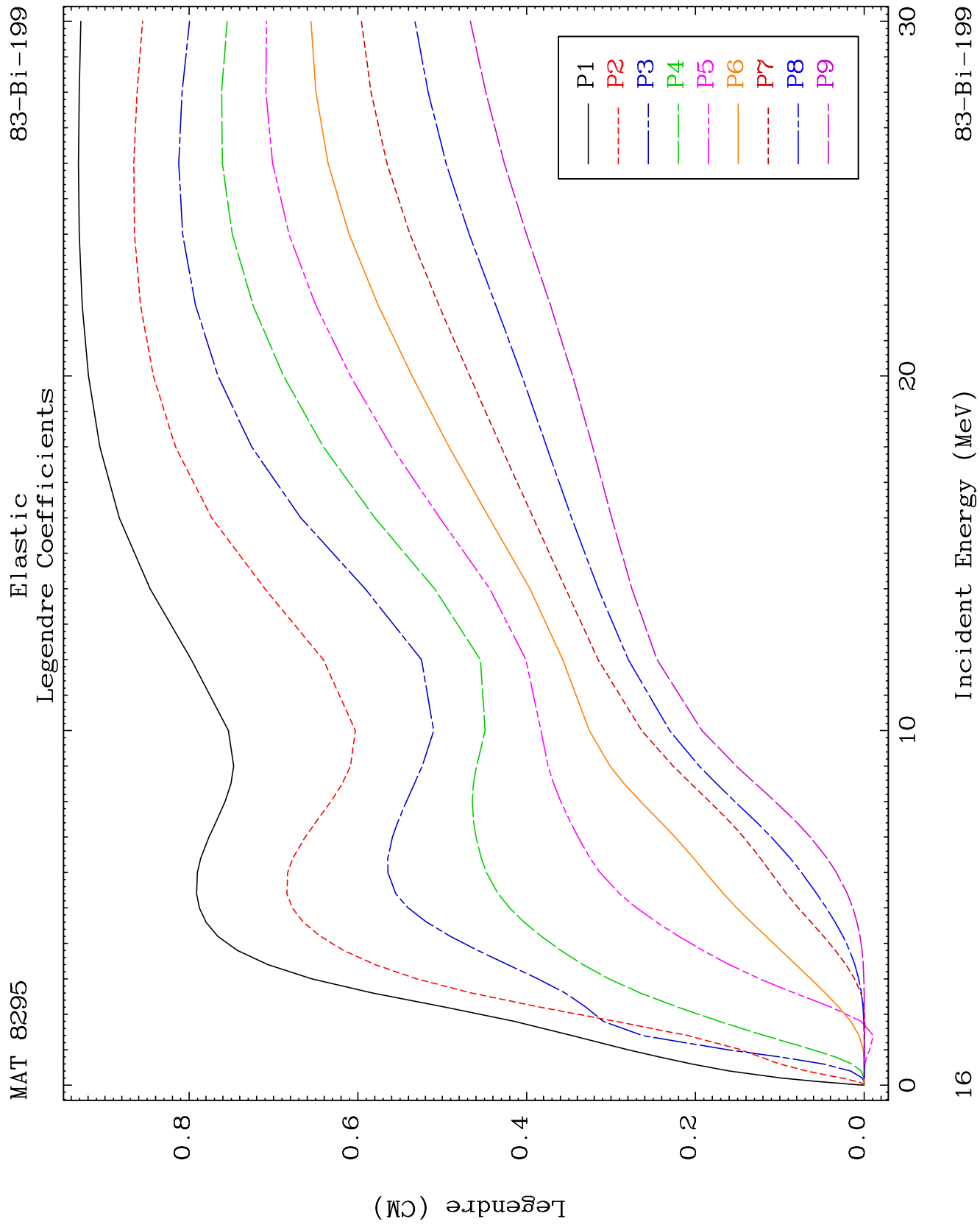
Incident Energy (MeV)

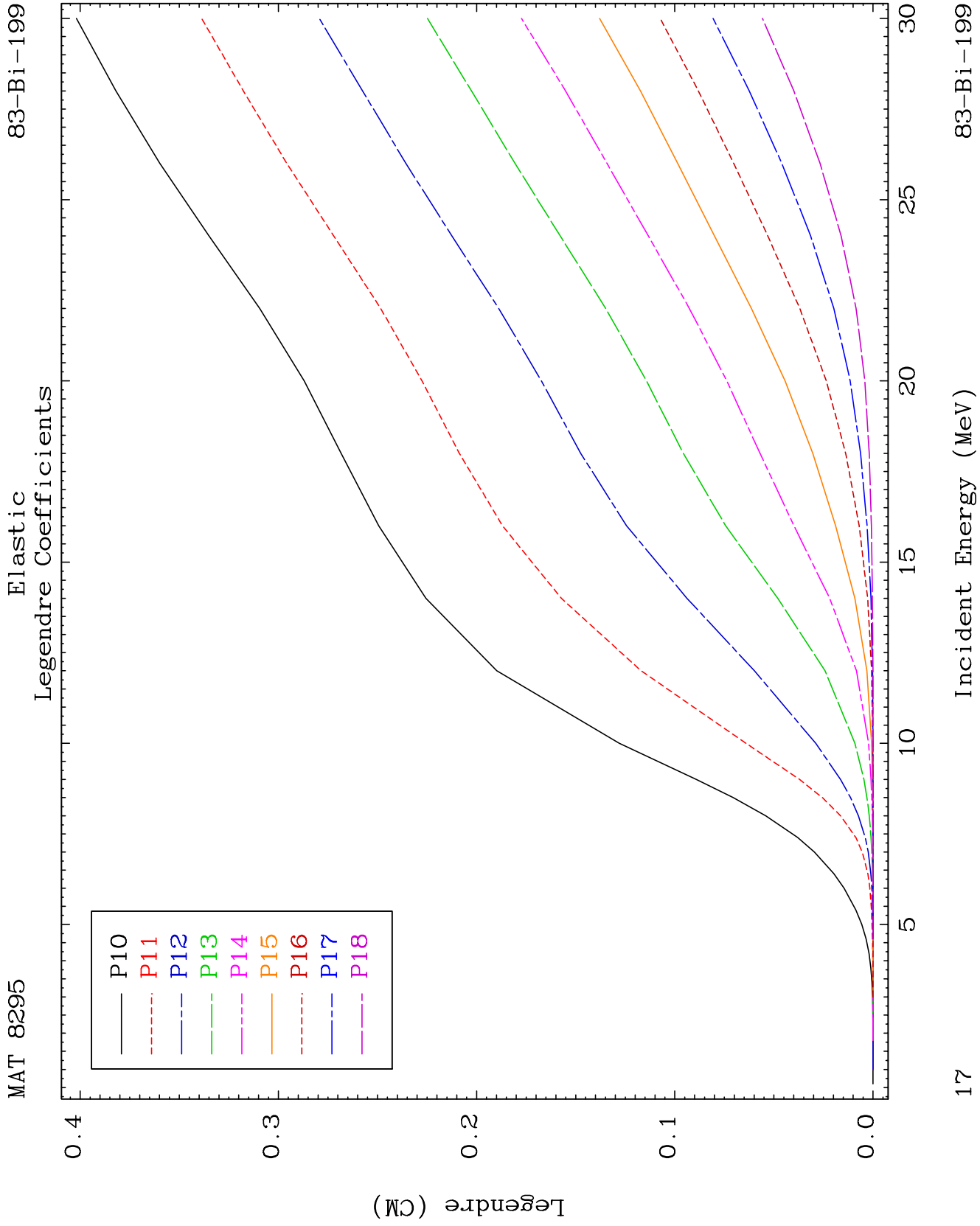
83-Bi-199

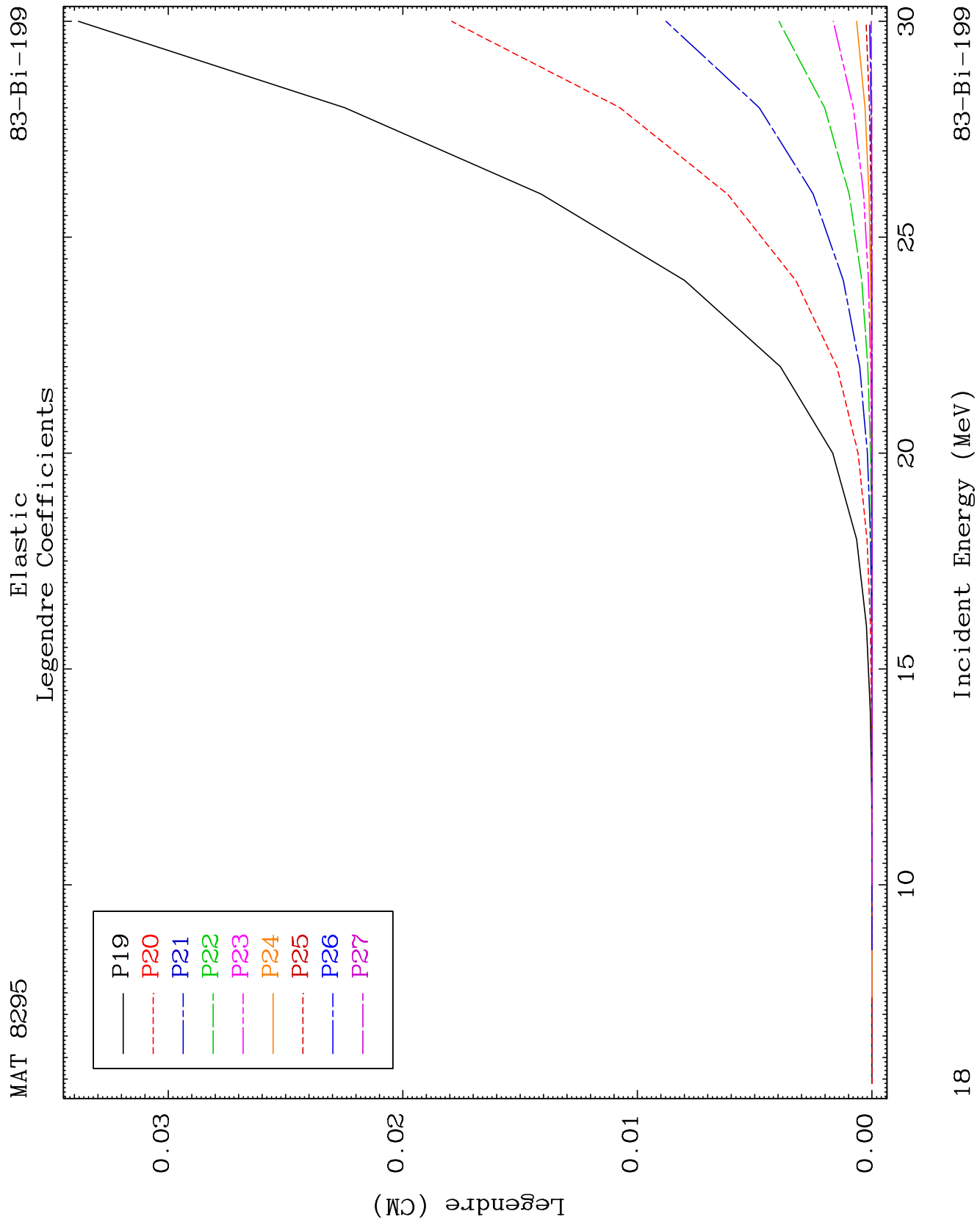


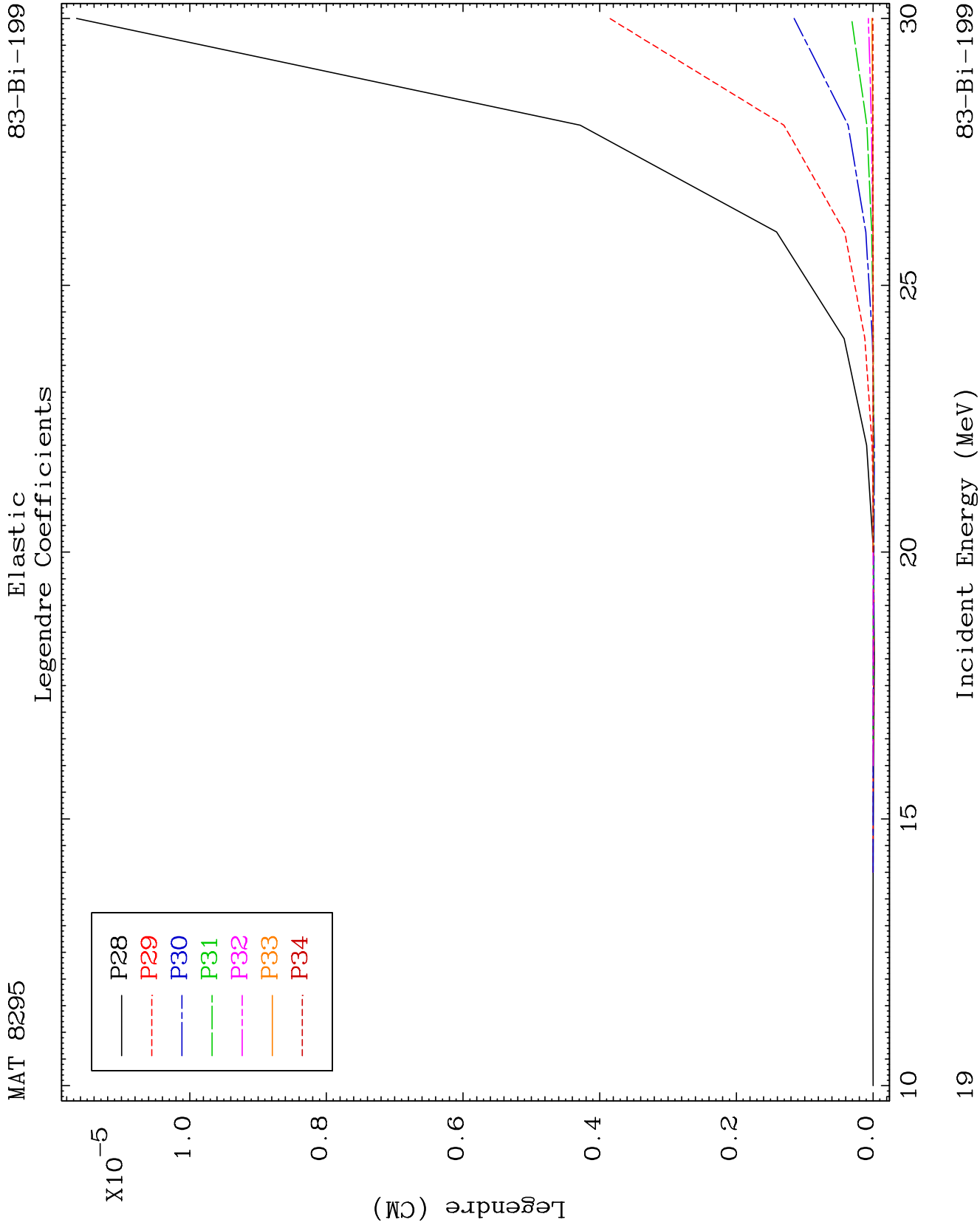








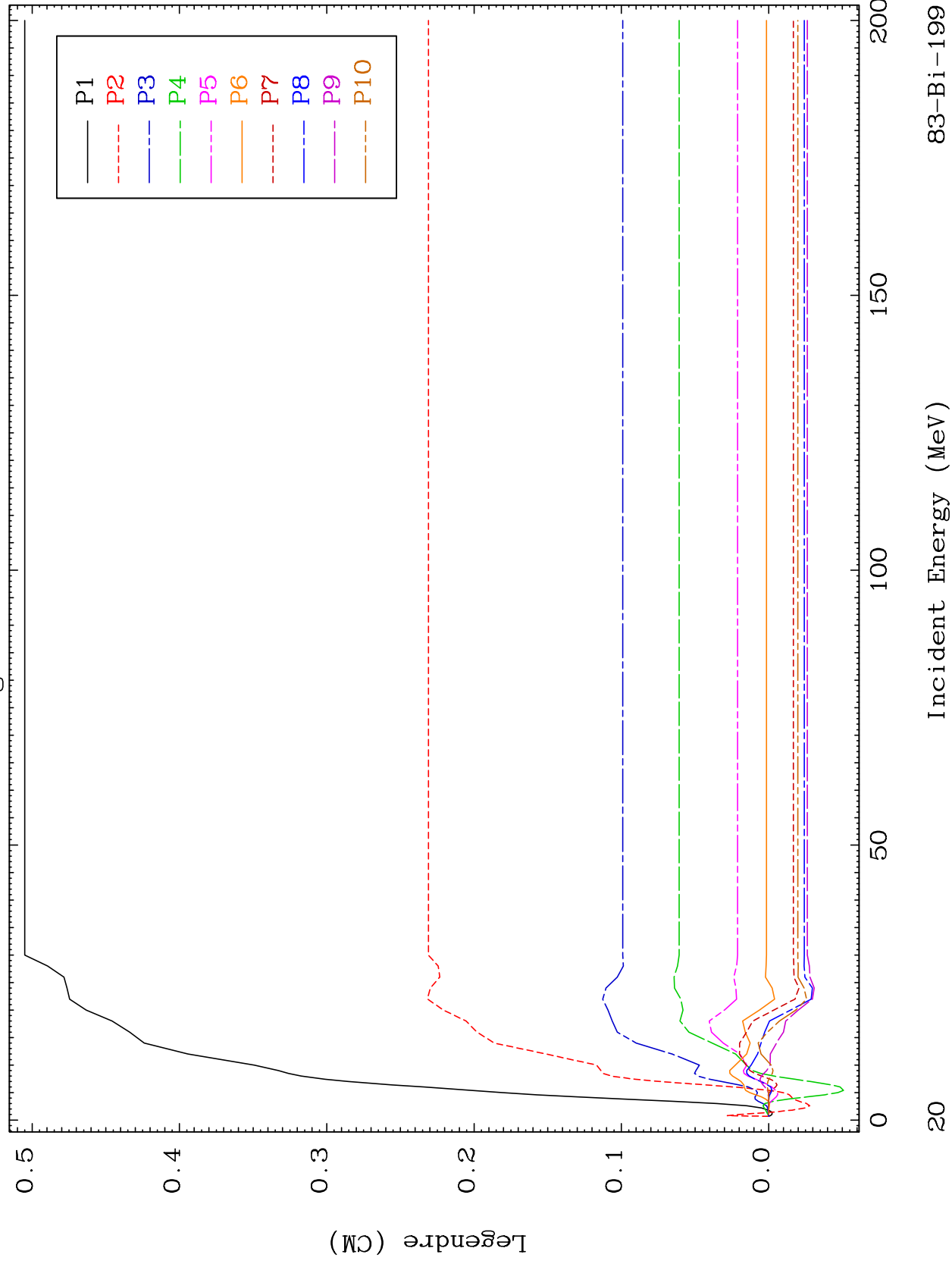




MAT 8295

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

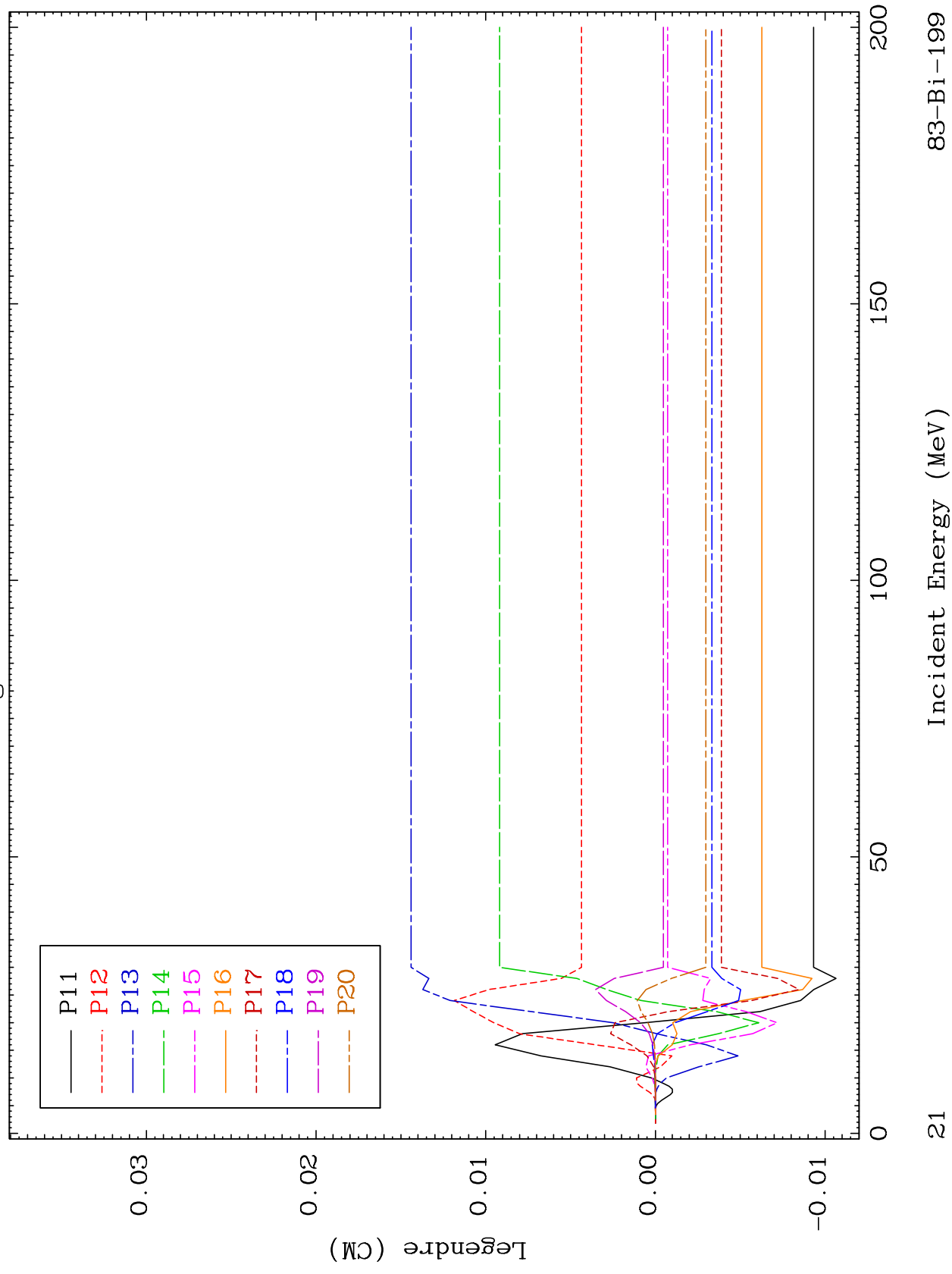
83-Bi-199



MAT 8295

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

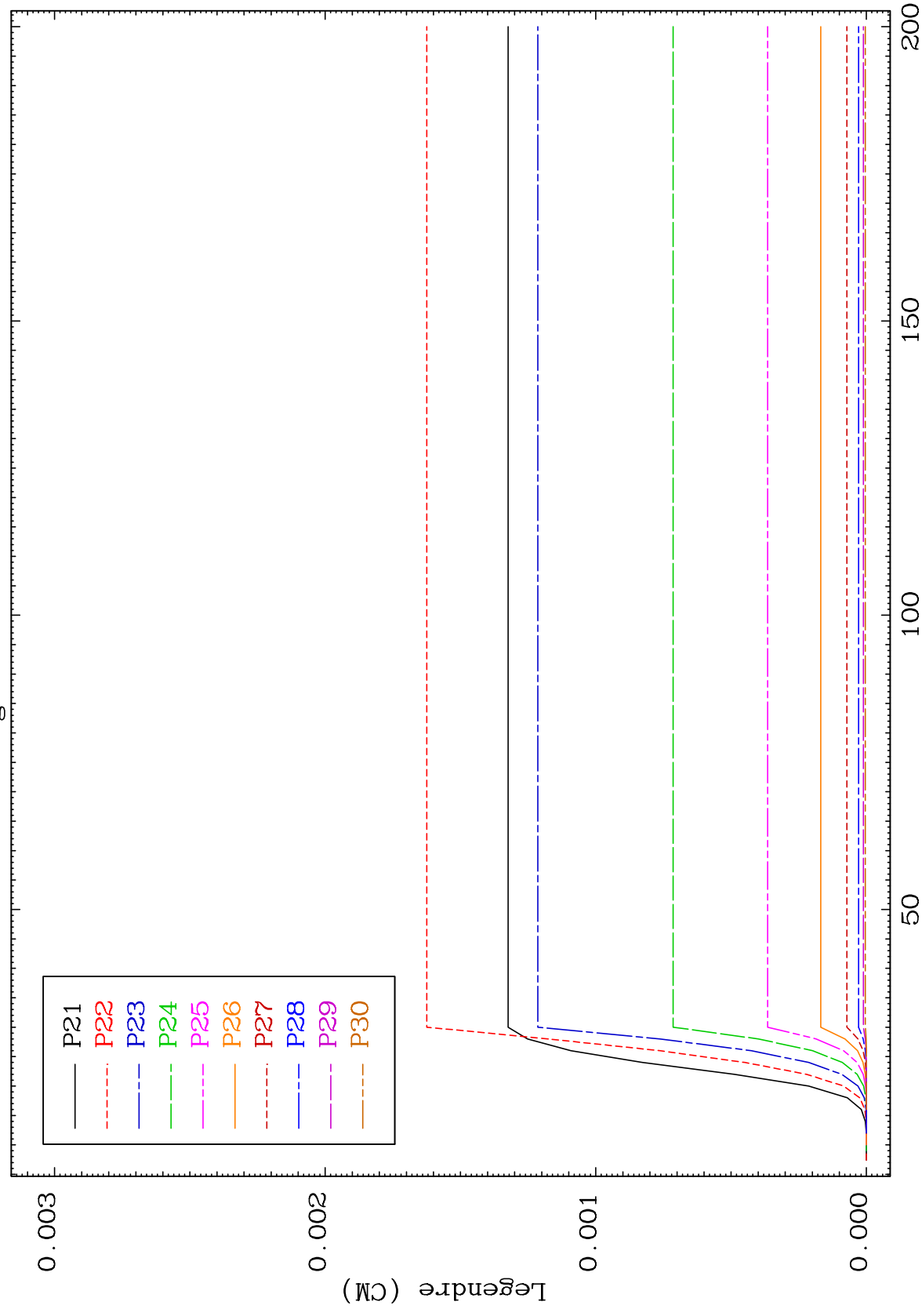
83-Bi-199



MAT 8295

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

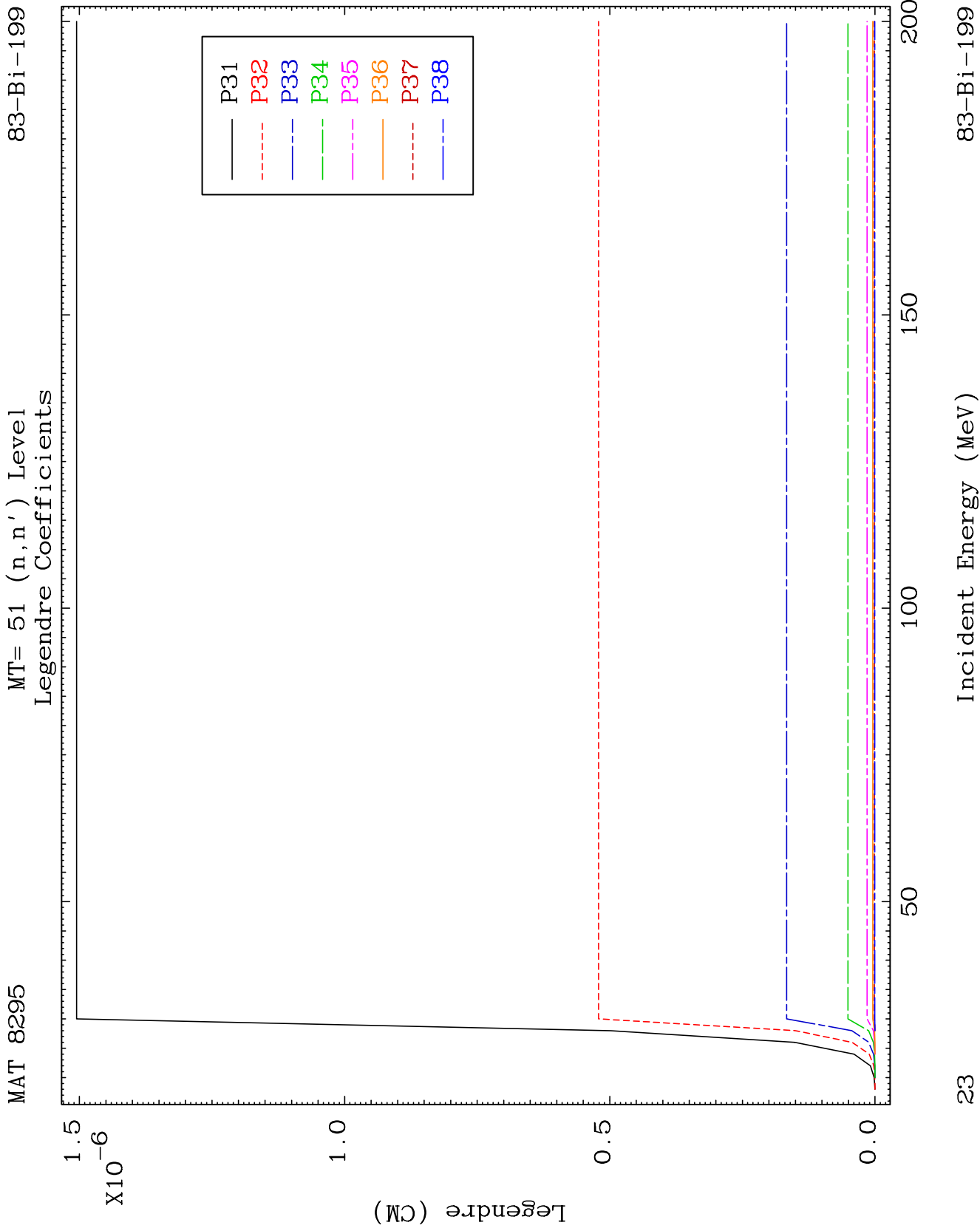
83-Bi-199

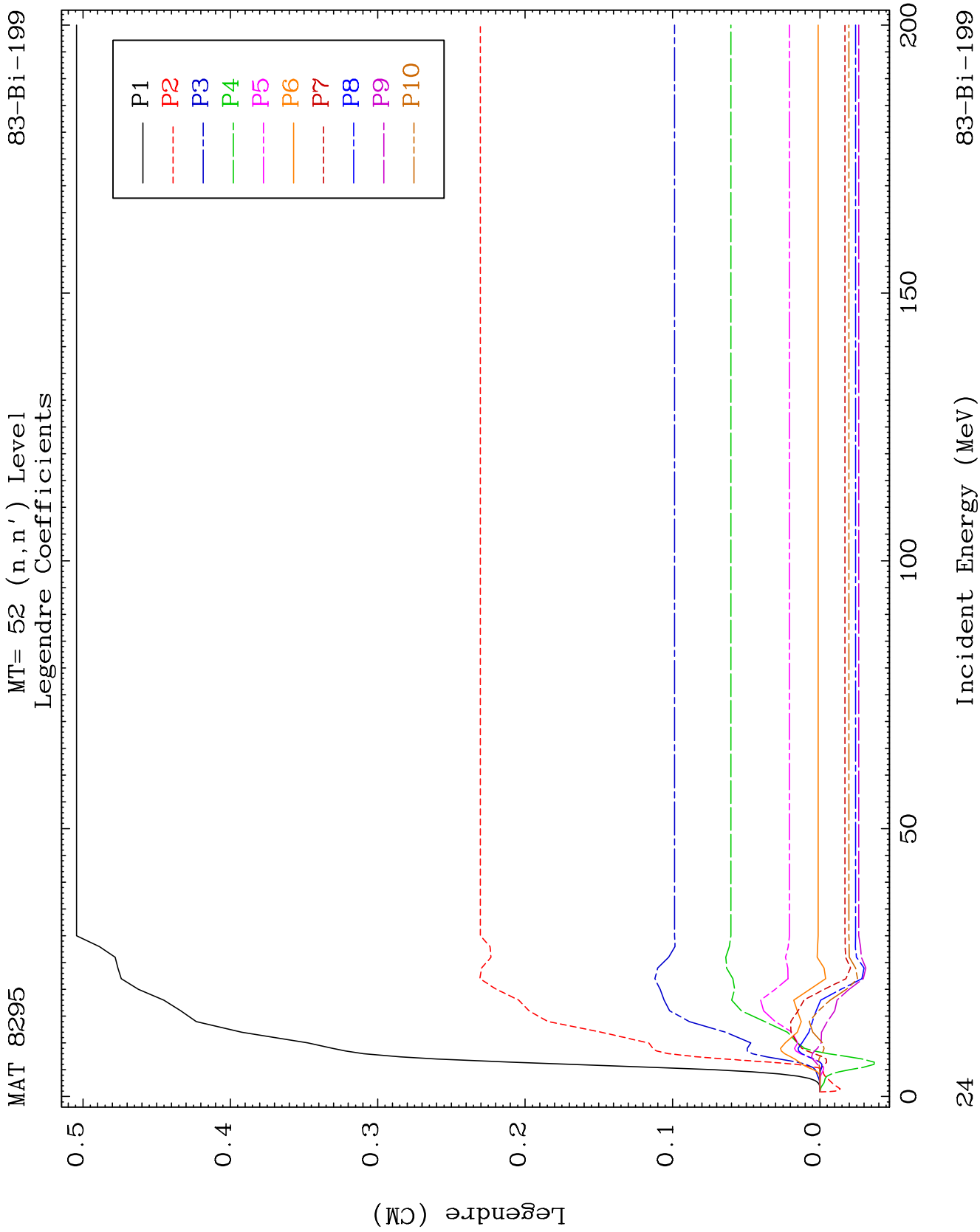


22

Incident Energy (MeV)

83-Bi-199

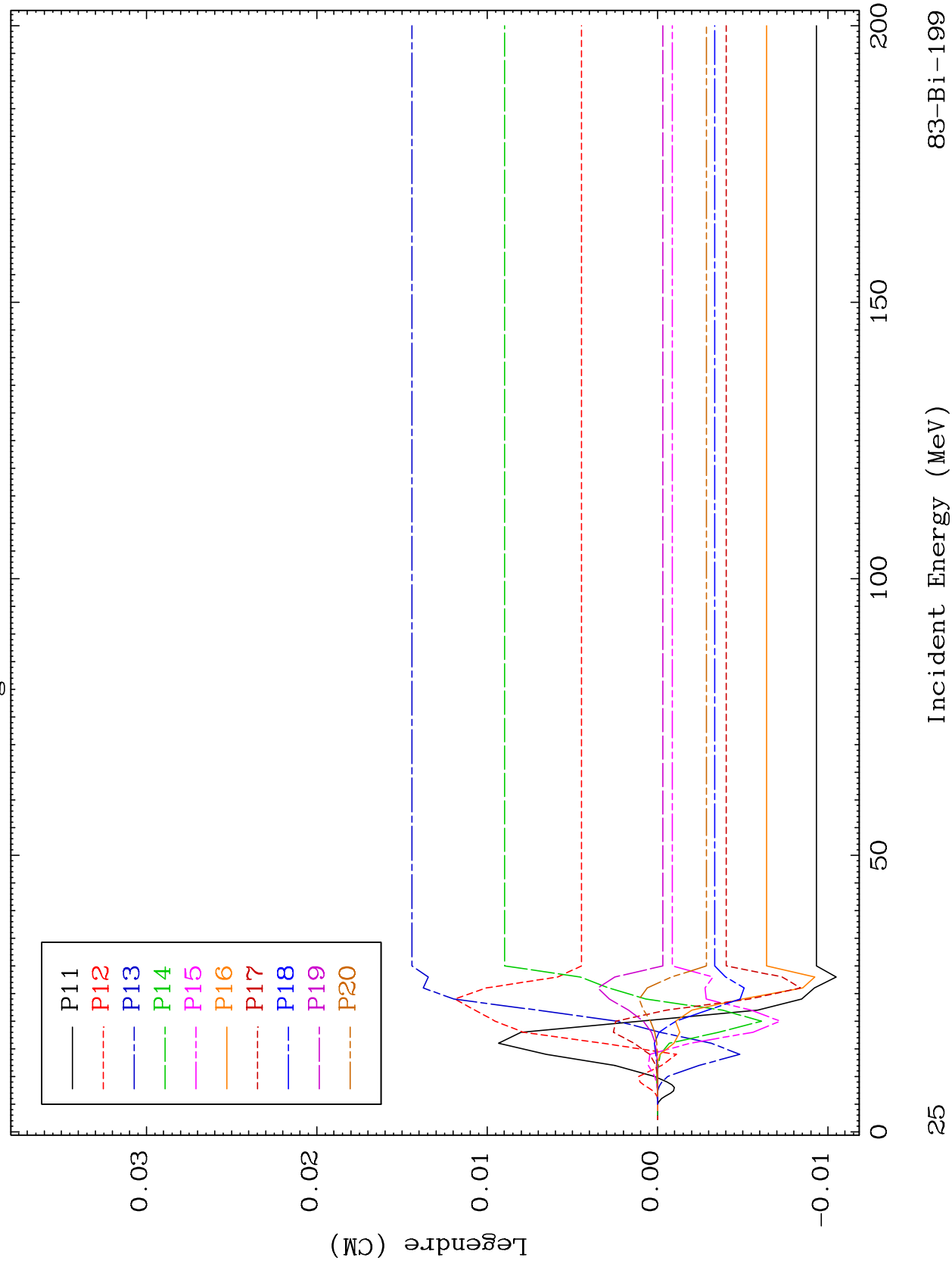


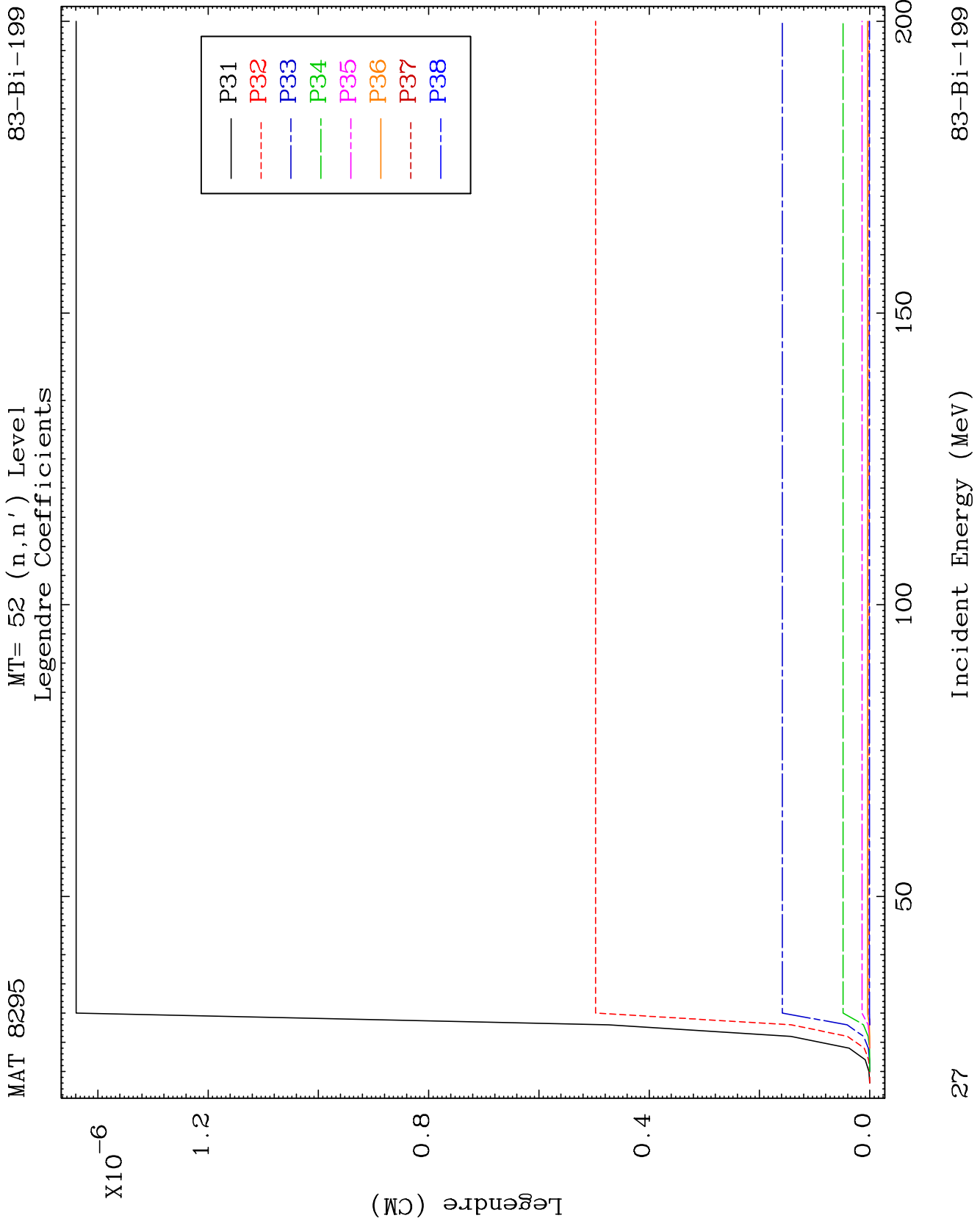


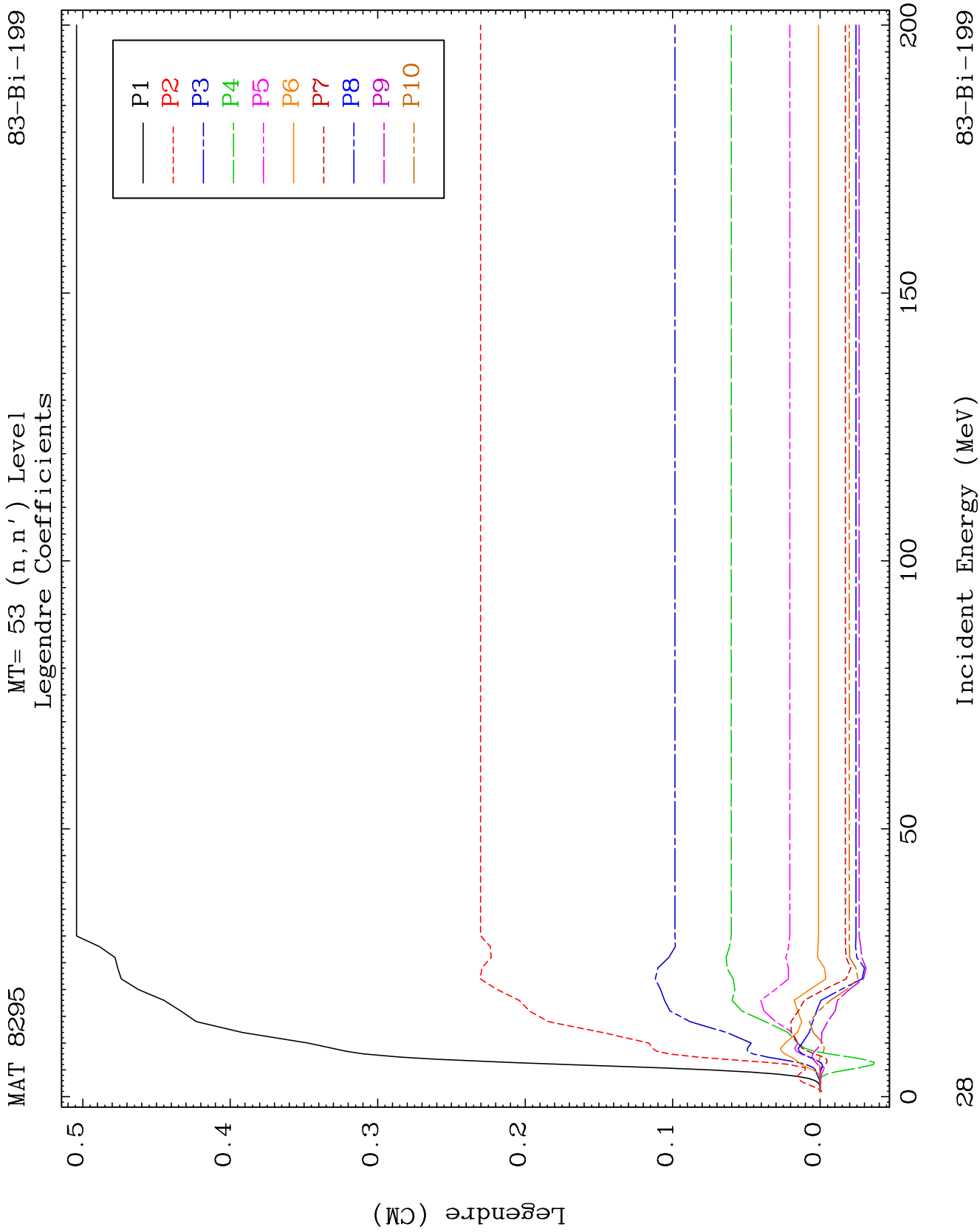
MAT 8295

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

83-Bi-199



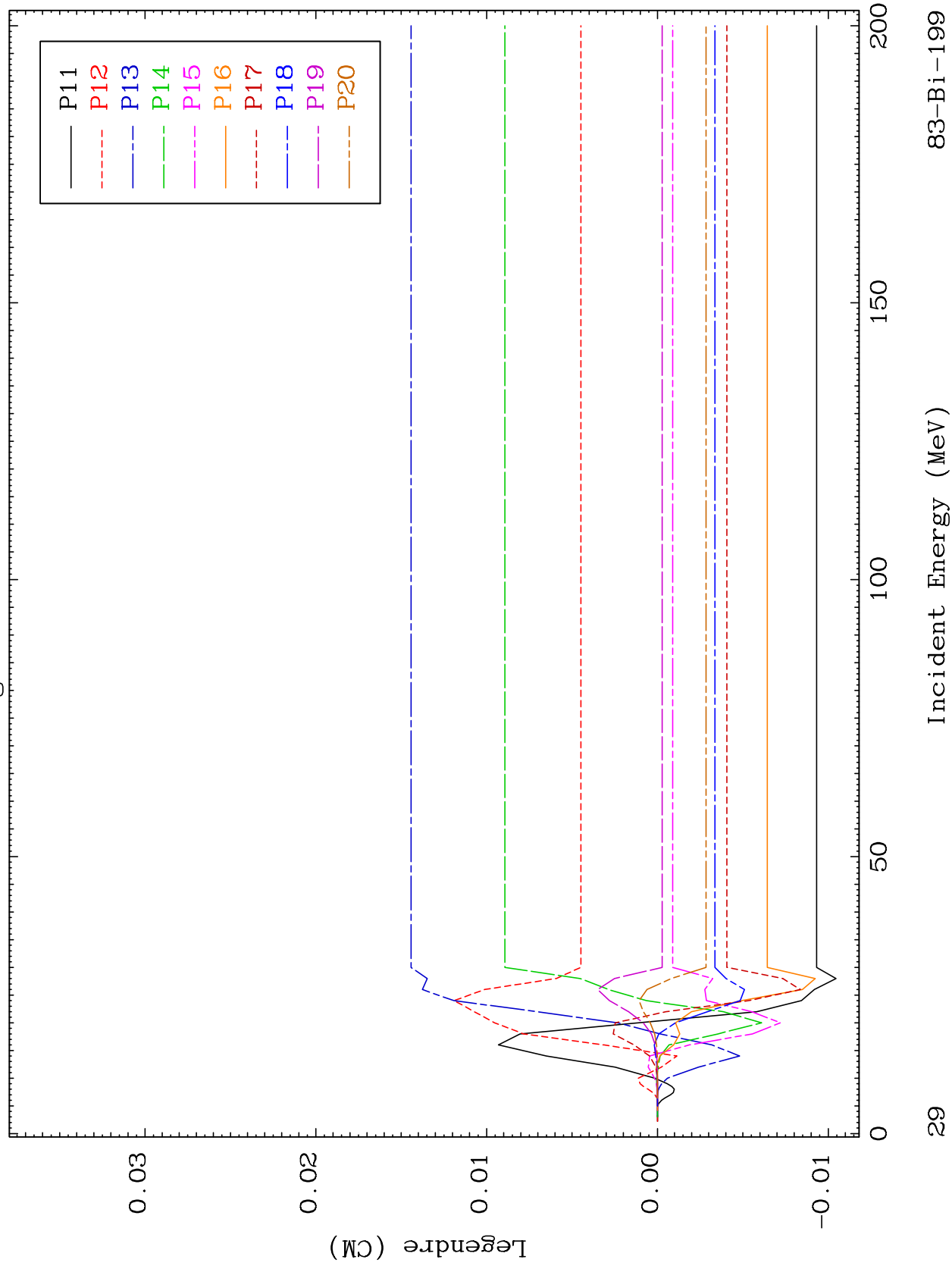




MAT 8295

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

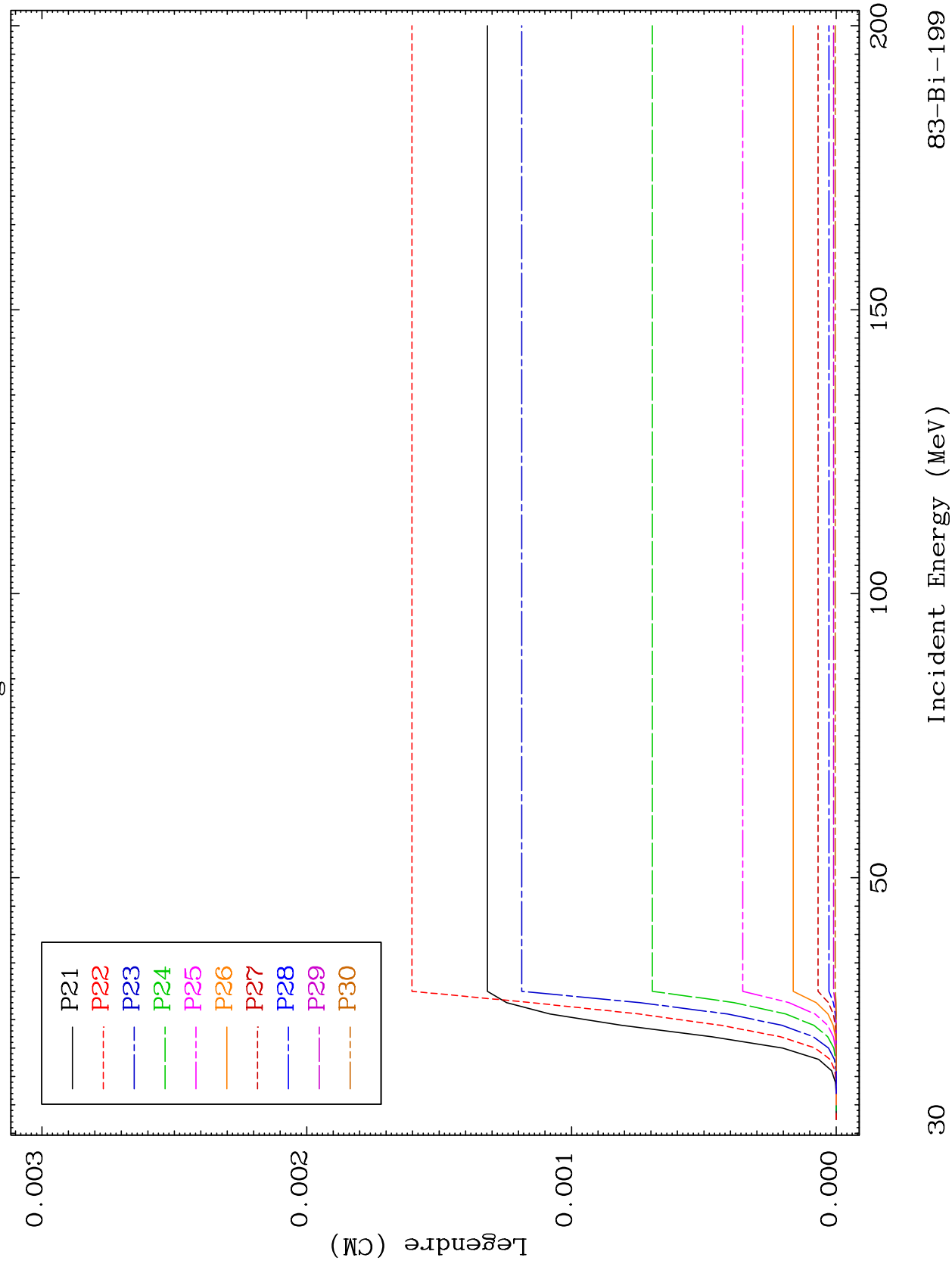
83-Bi-199

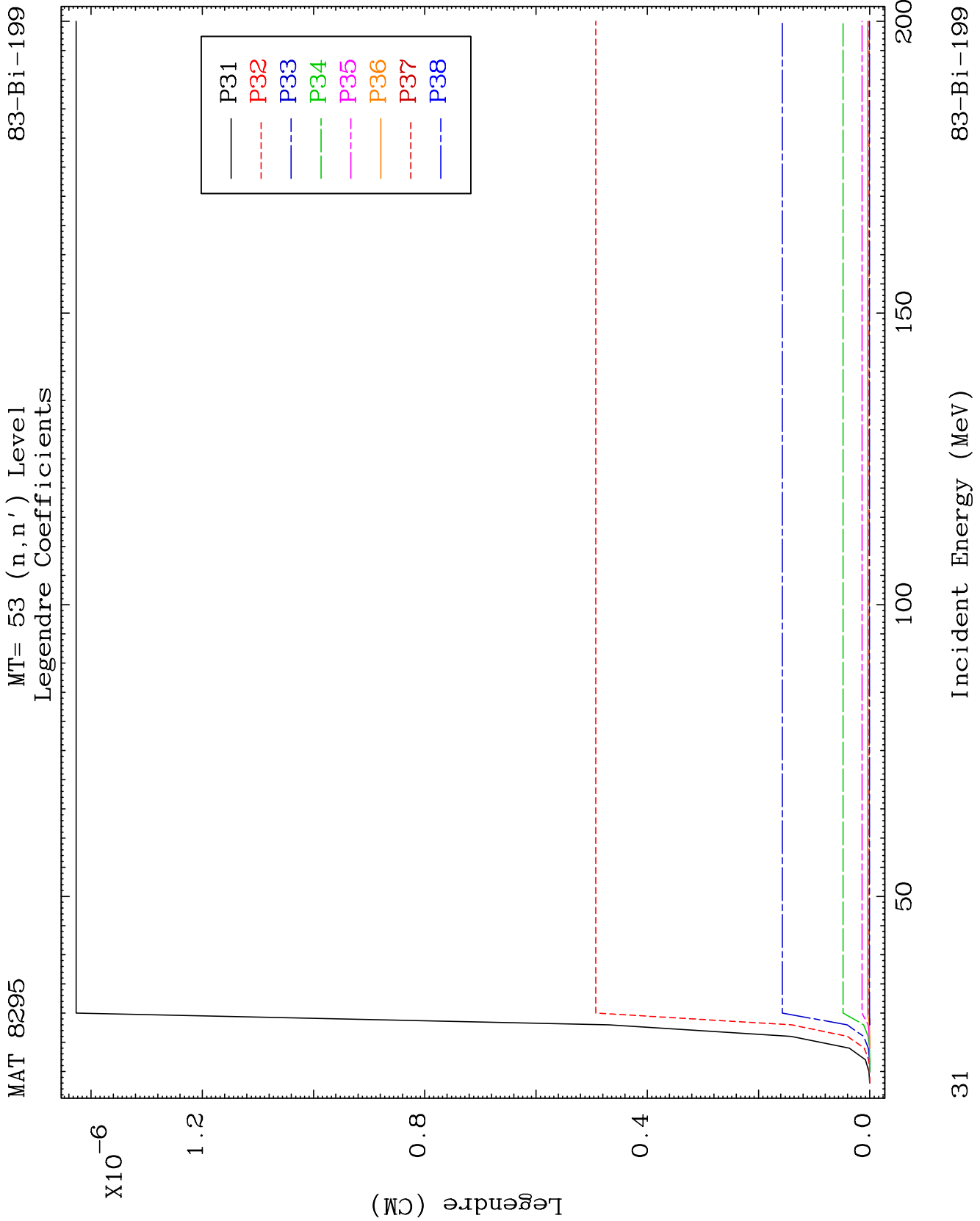


MAT 8295

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

83-Bi-199

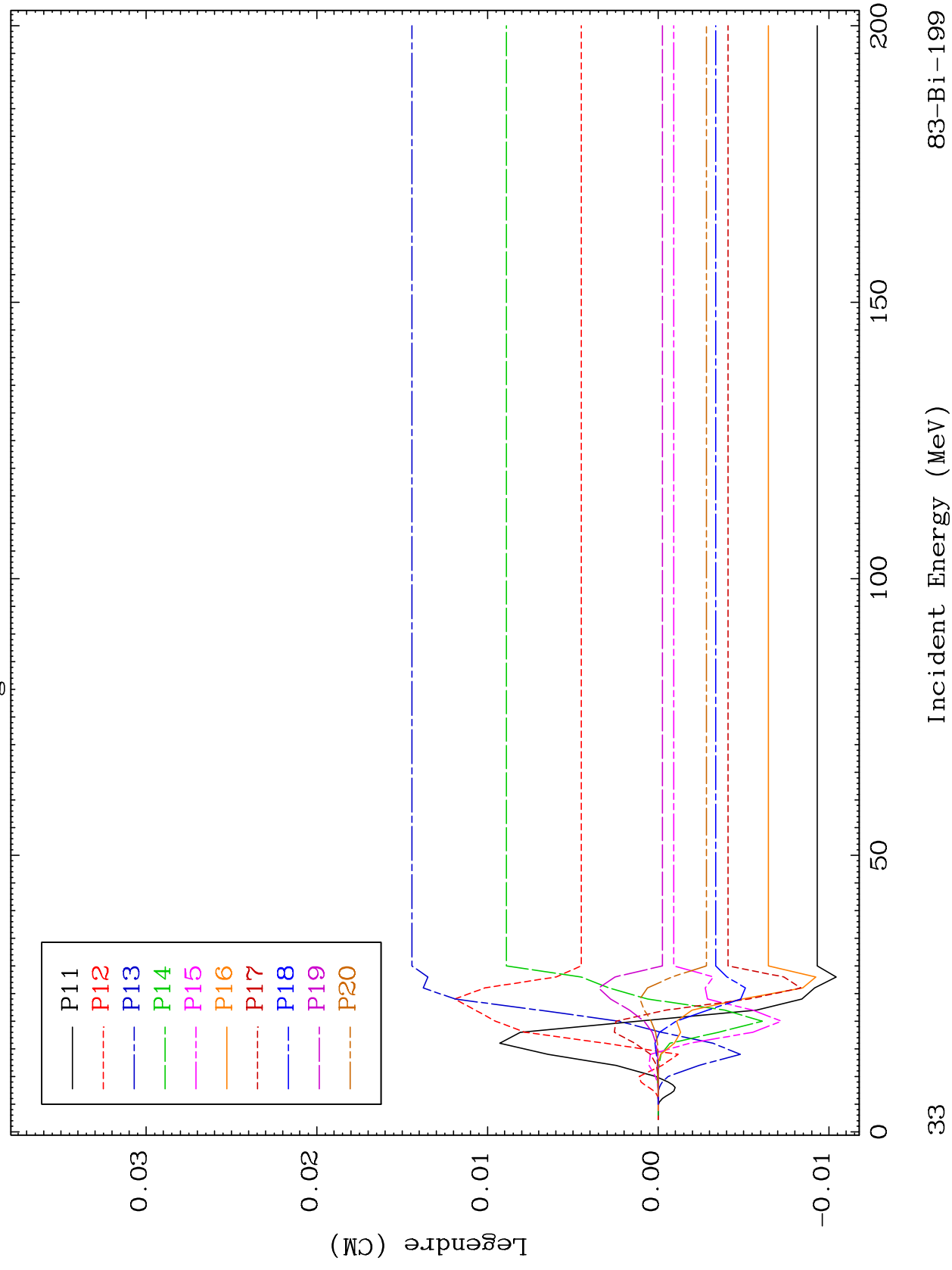




MAT 8295

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

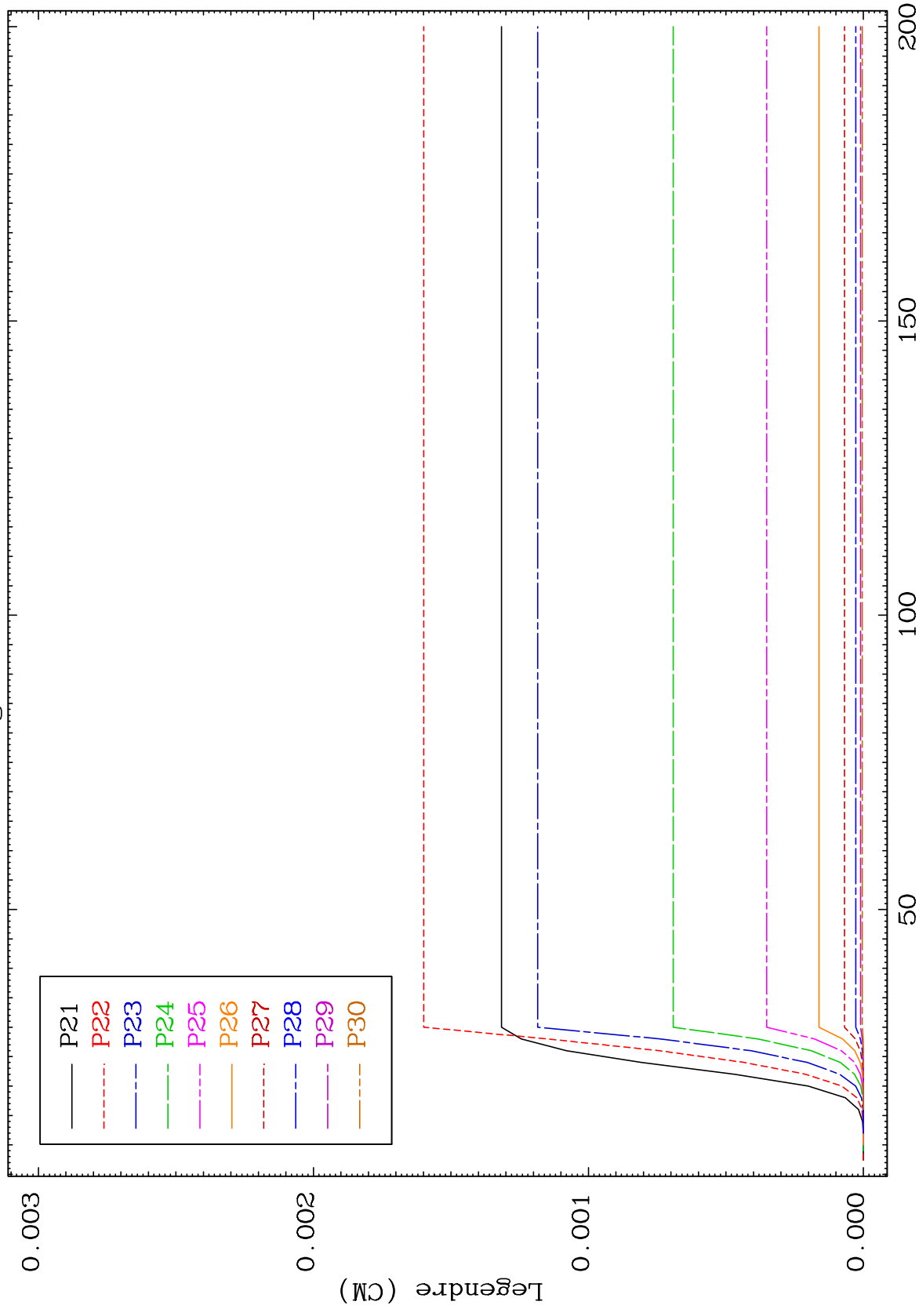
83-Bi-199



MAT 8295

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

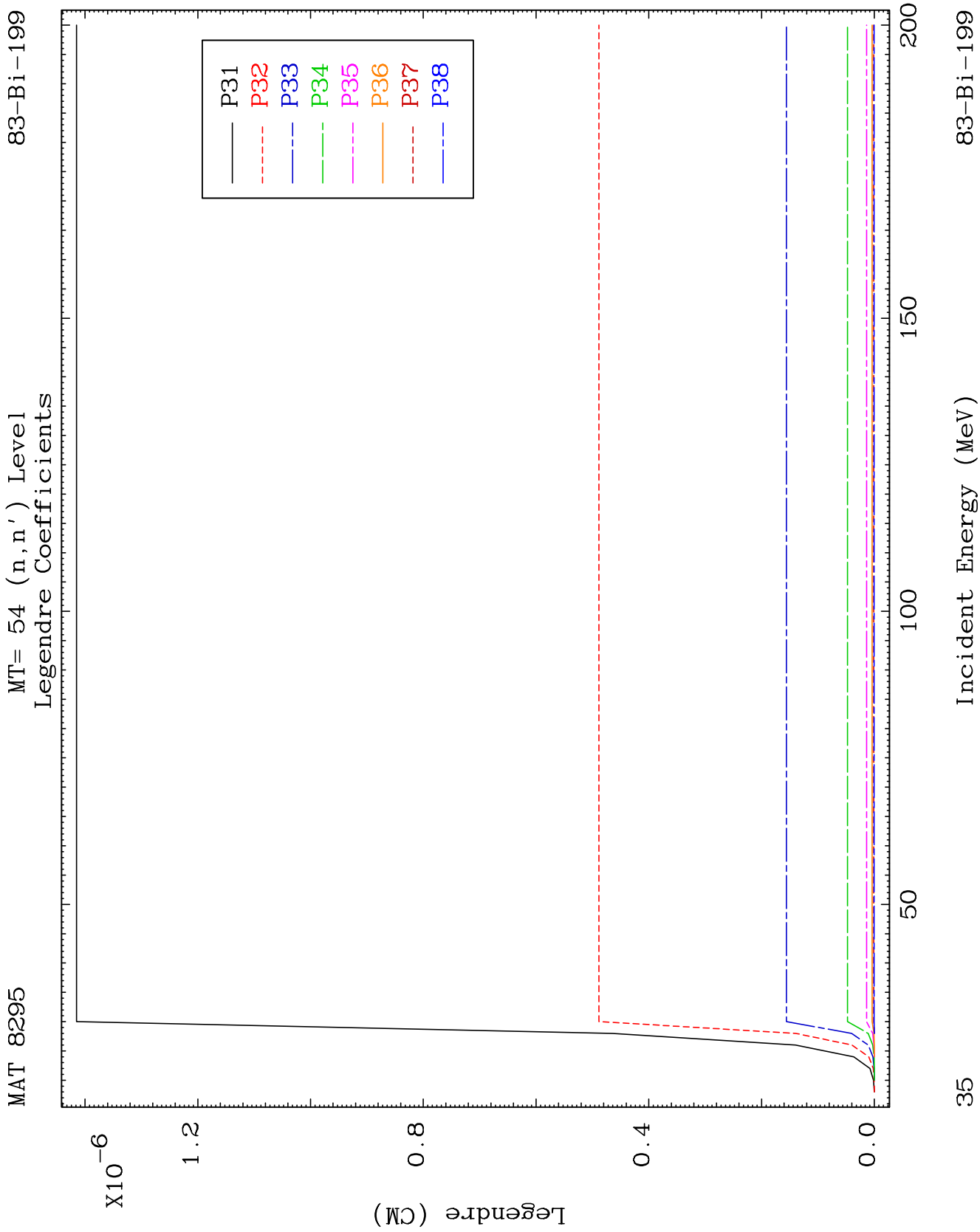
83-Bi-199

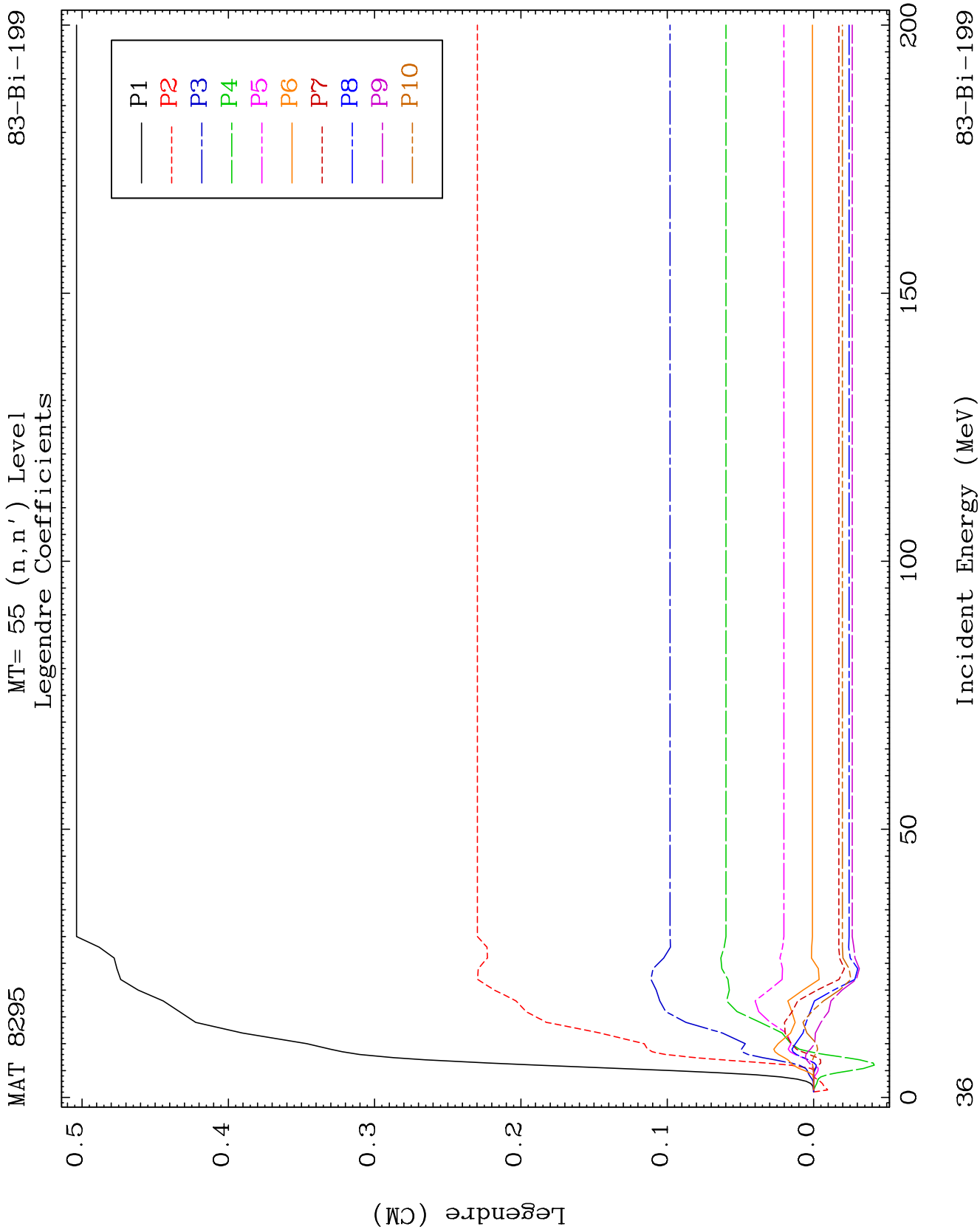


34

Incident Energy (MeV)

83-Bi-199

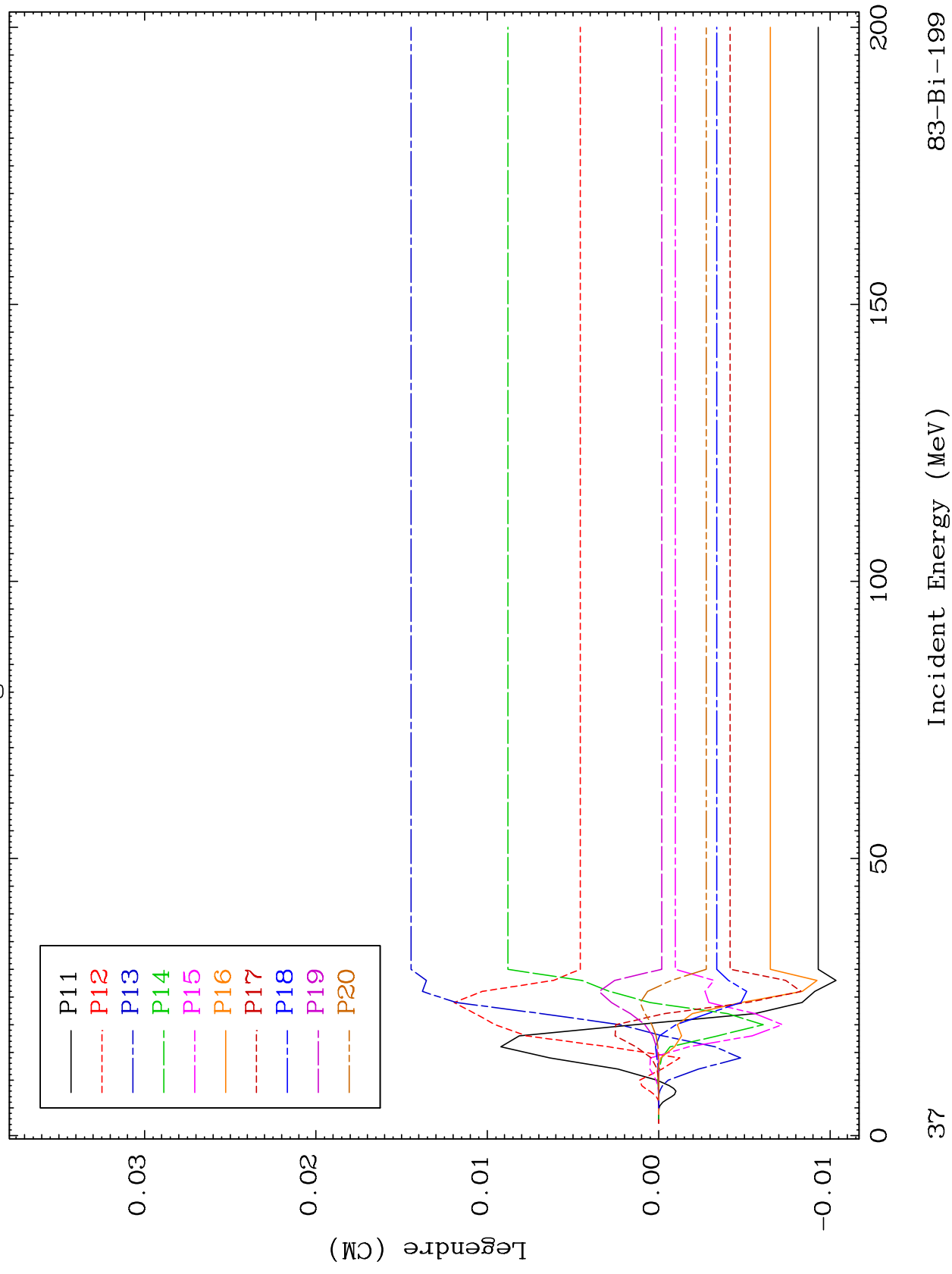


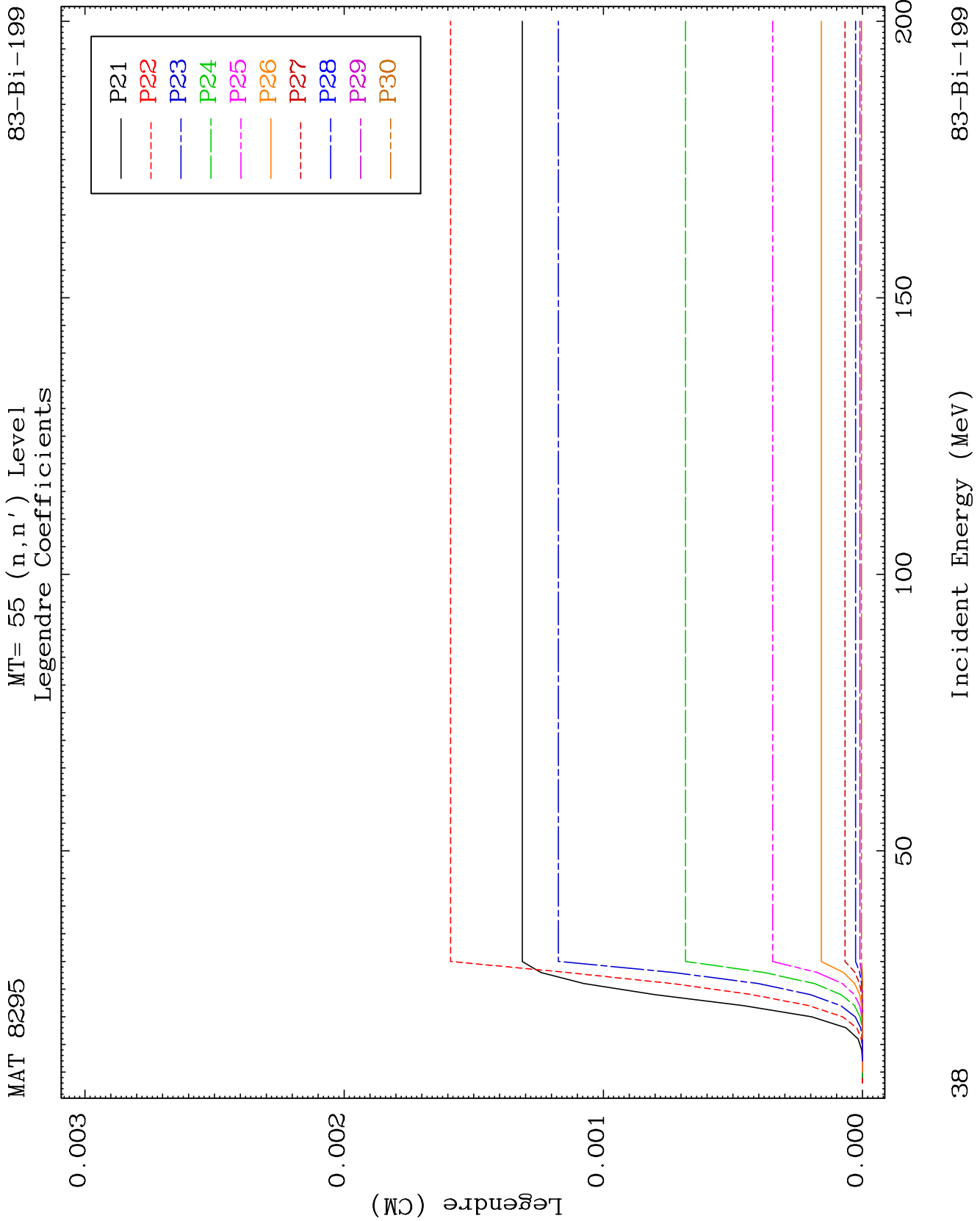


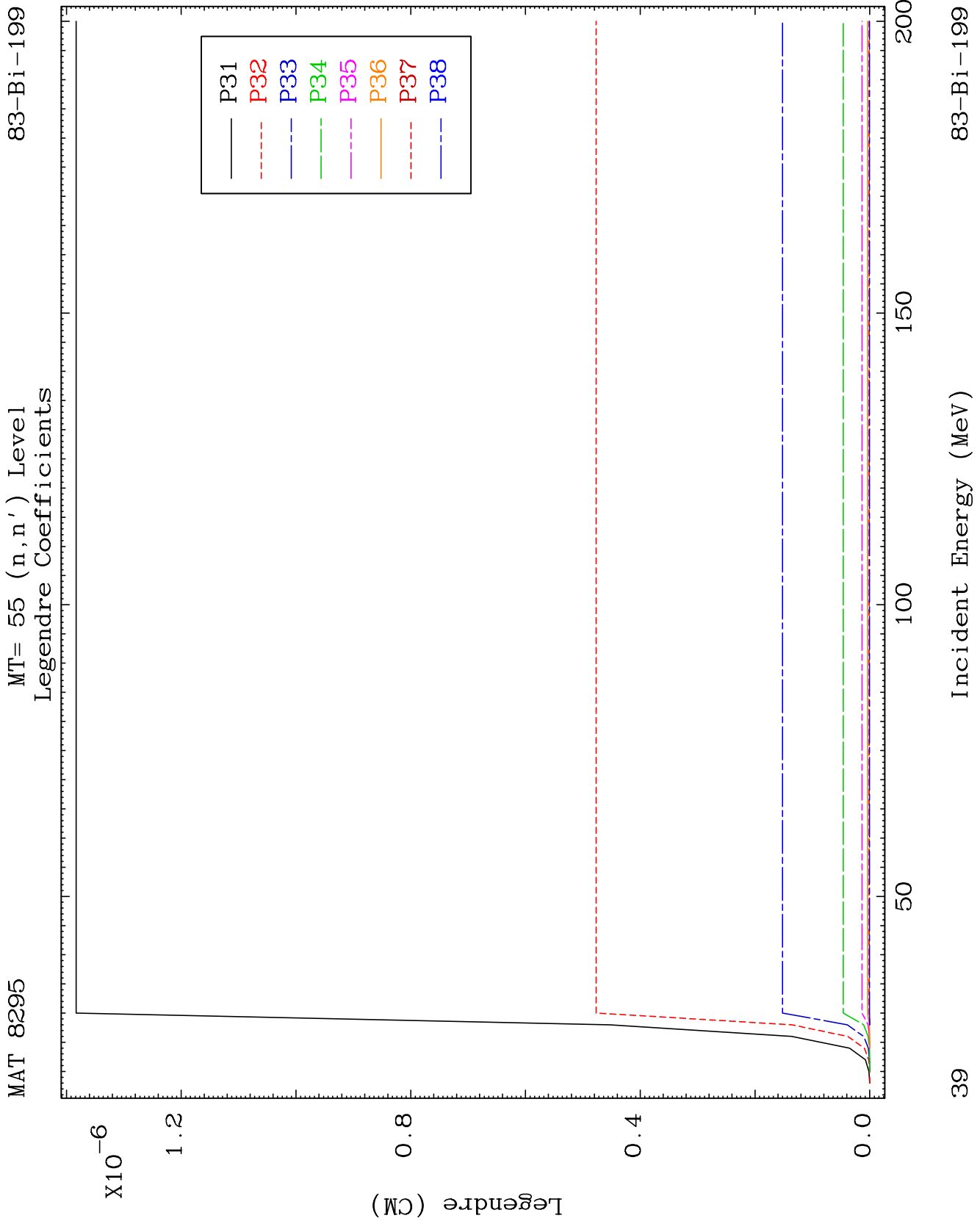
MAT 8295

83-Bi-199

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



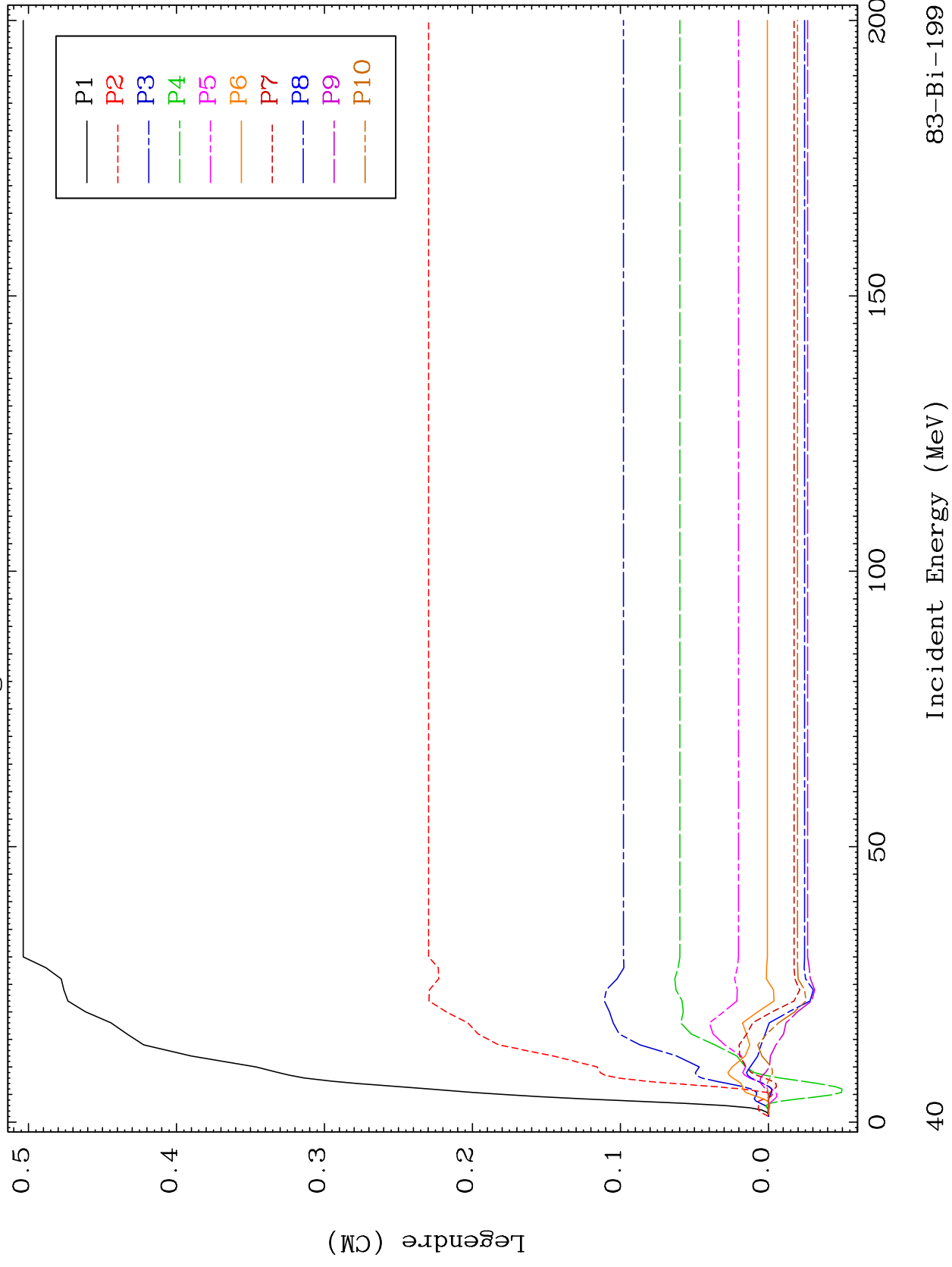




MAT 8295

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

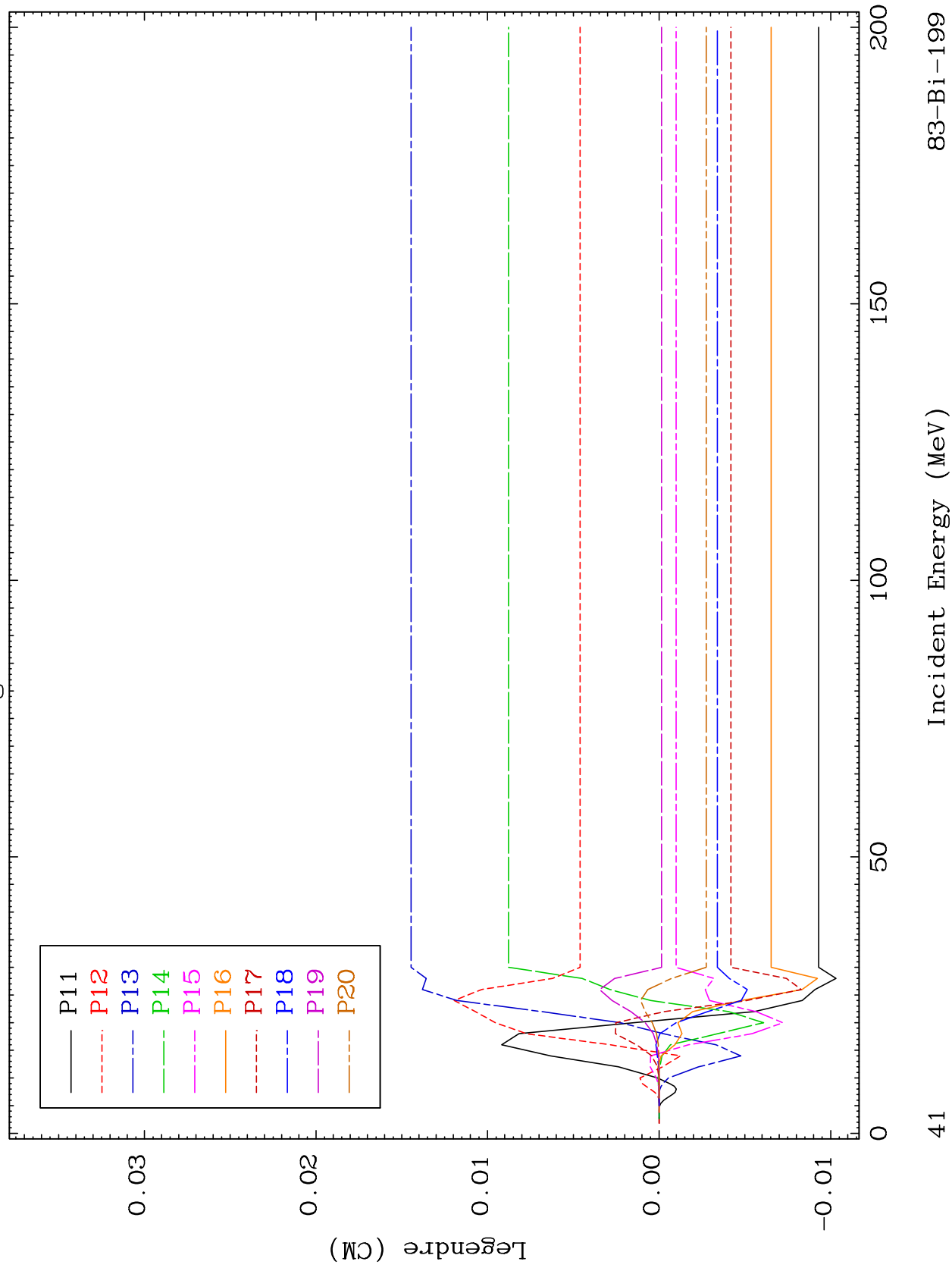
83-Bi-199

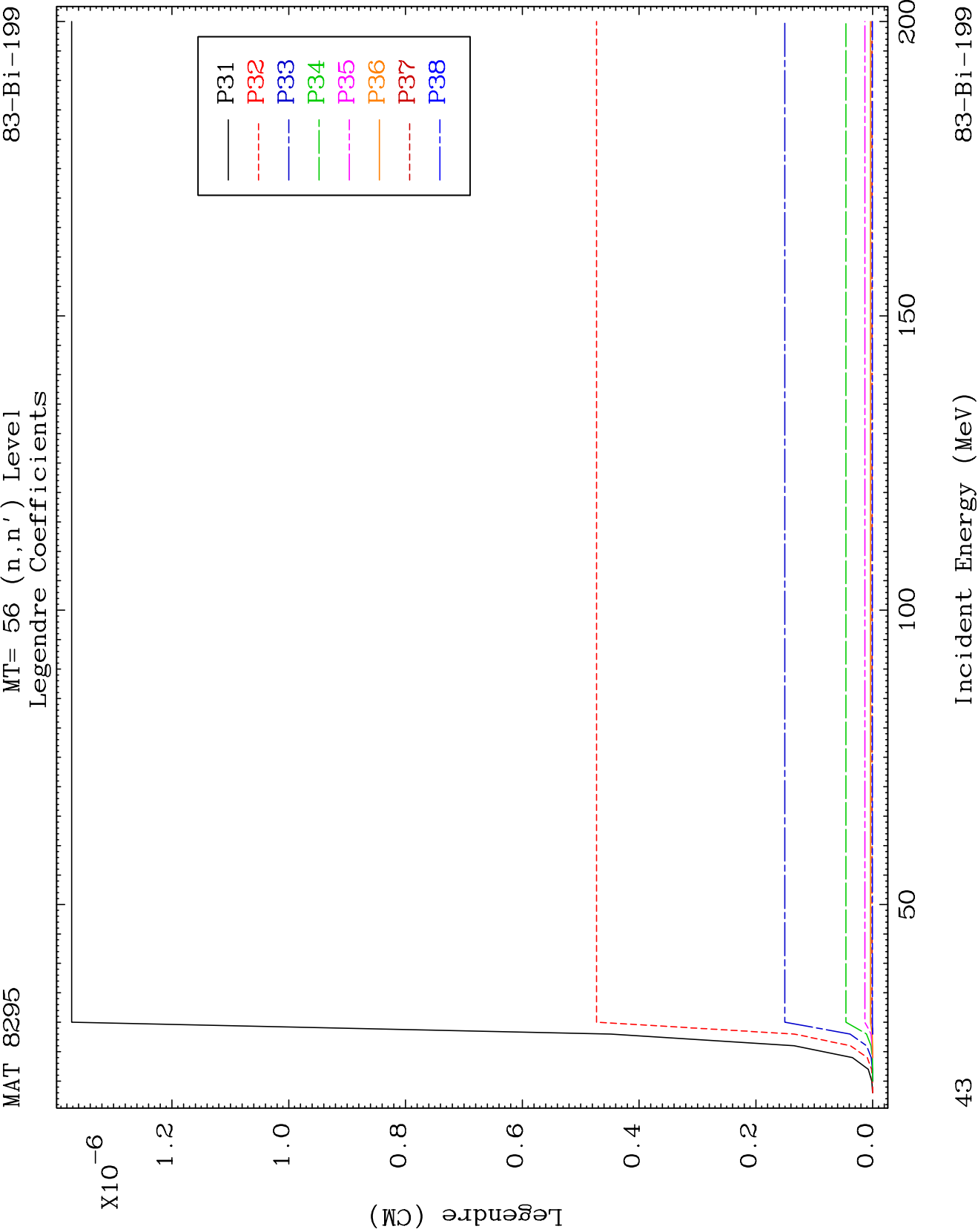


MAT 8295

83-Bi-199

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

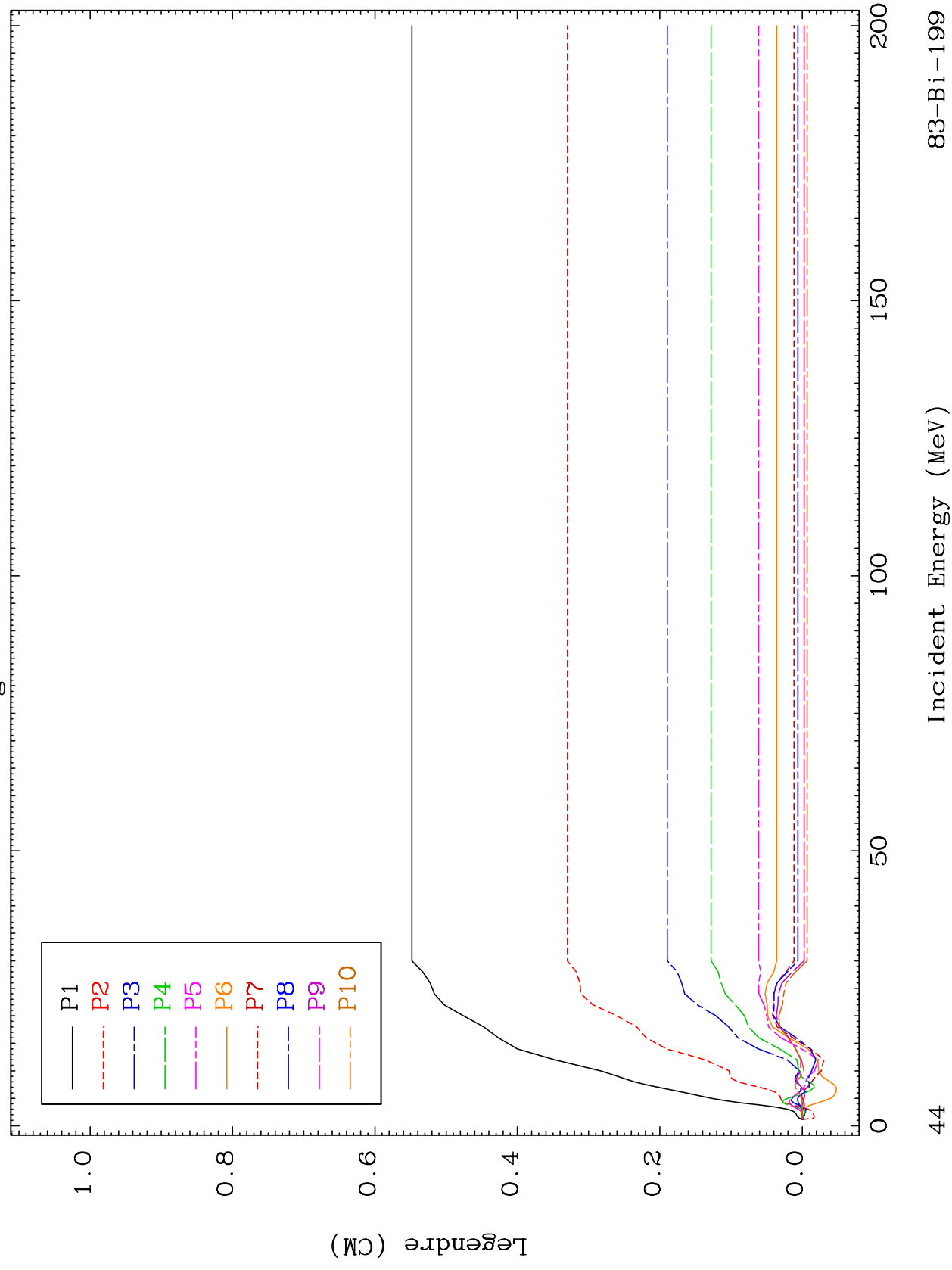


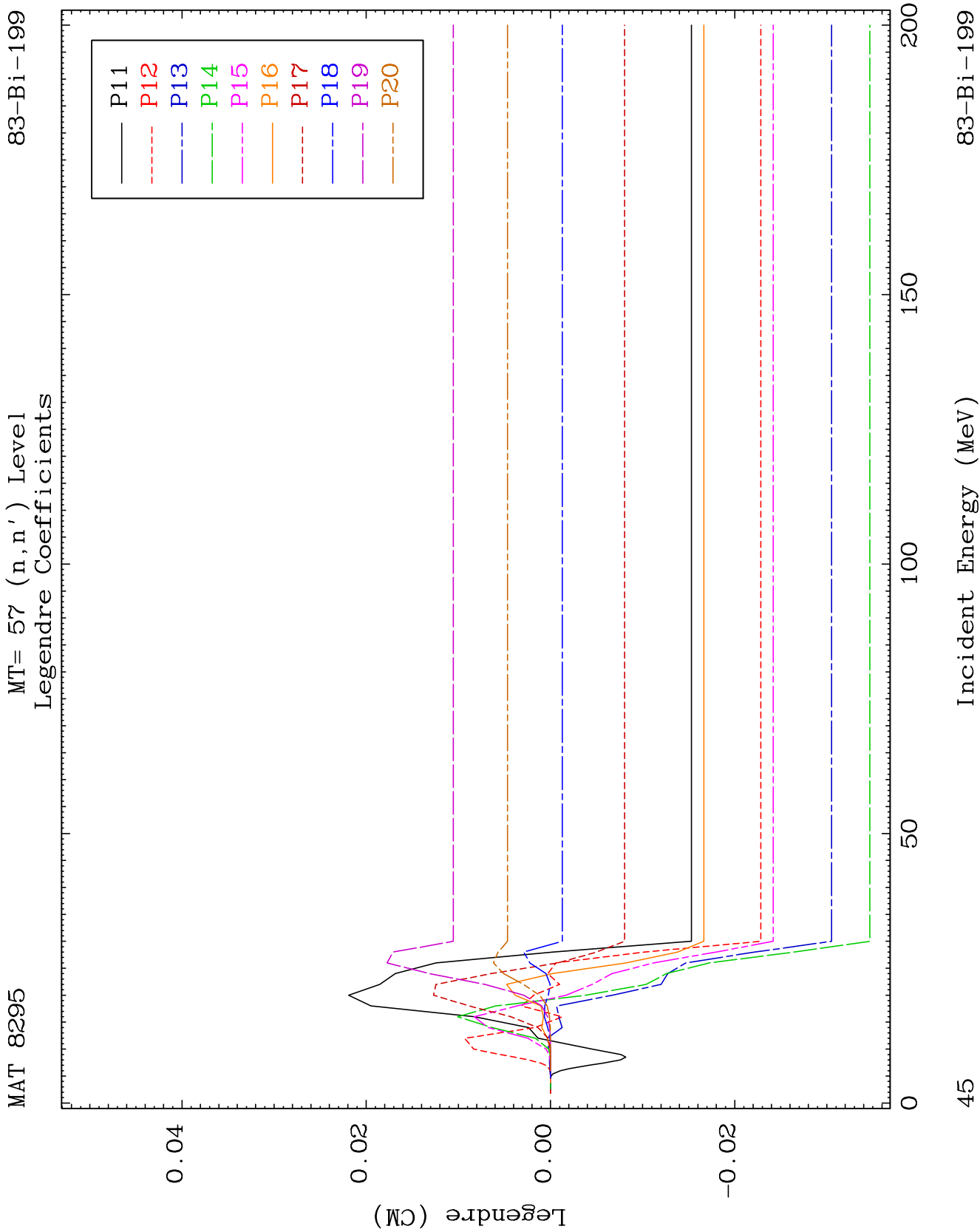


MAT 8295

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

83-Bi-199

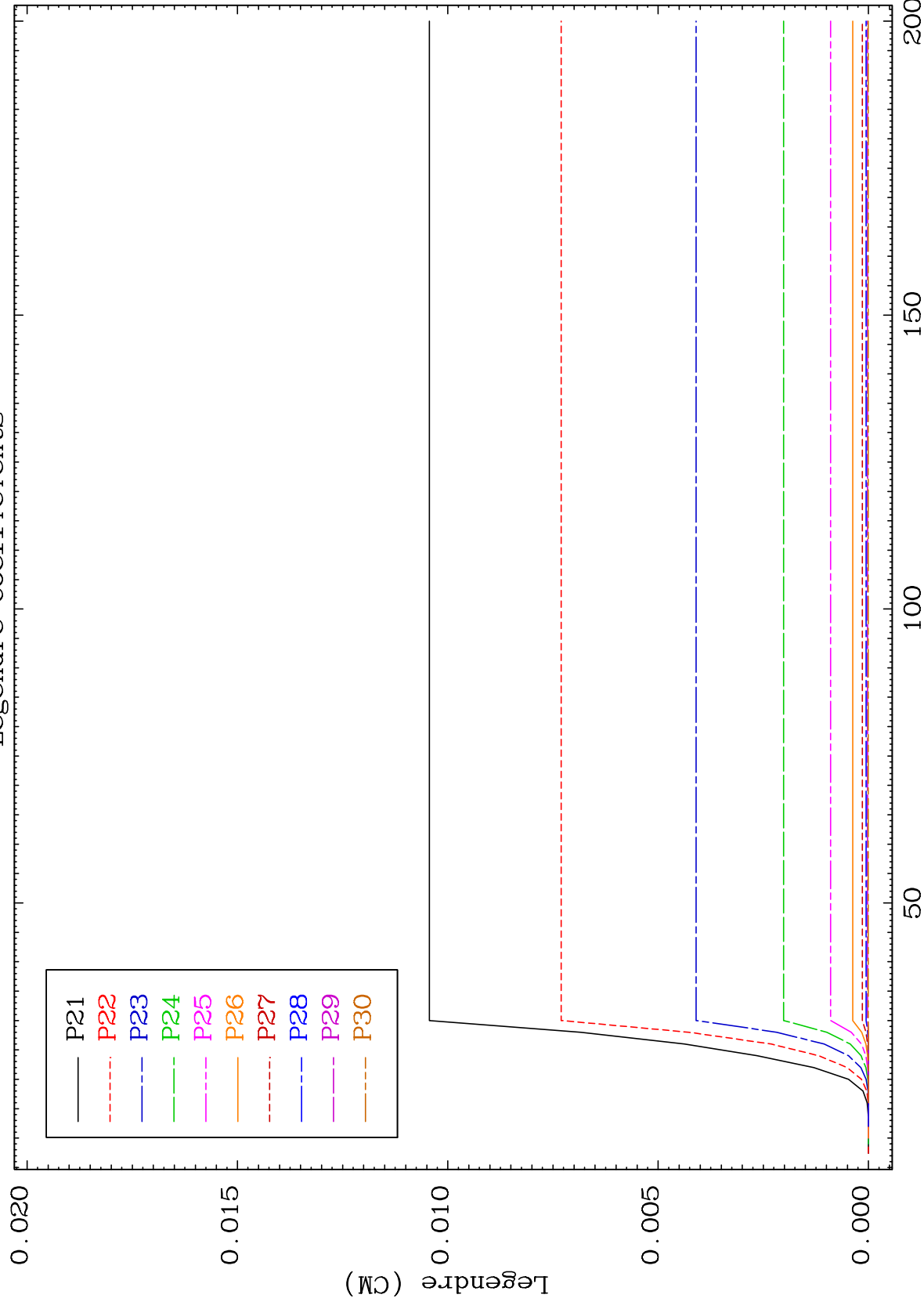




MAT 8295

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

83-Bi-199



46

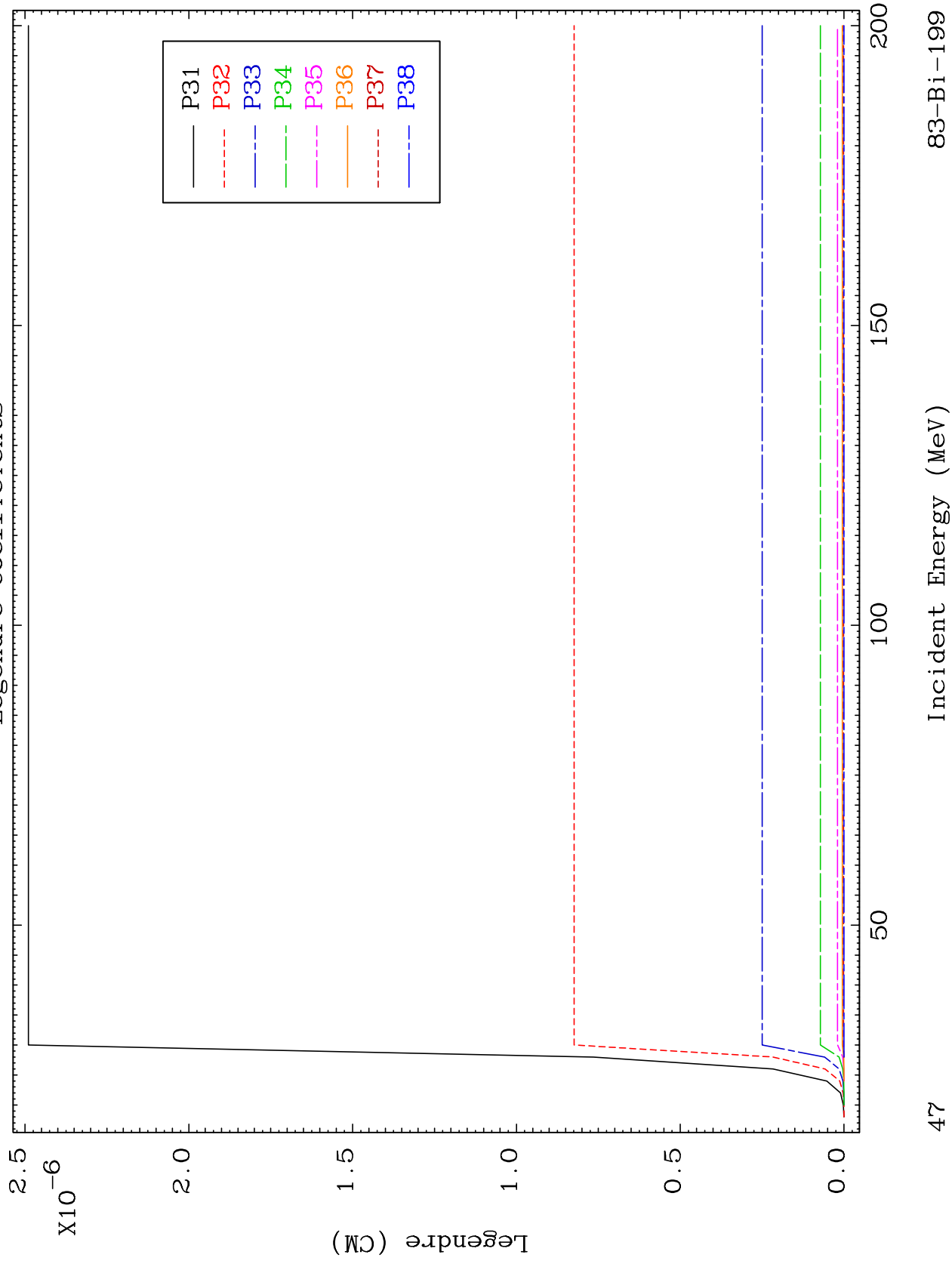
Incident Energy (MeV)

83-Bi-199

MAT 8295

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

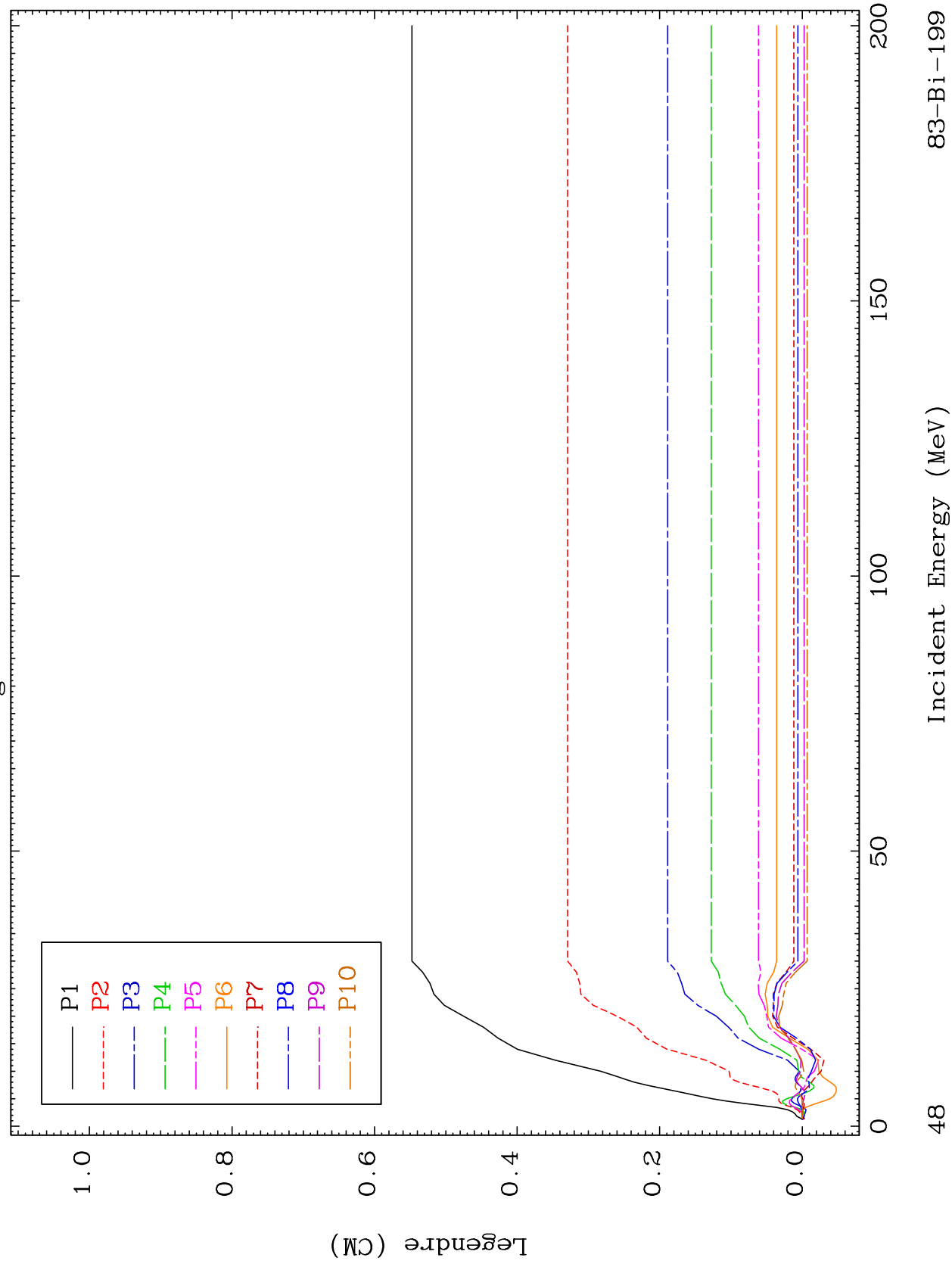
83-Bi-199

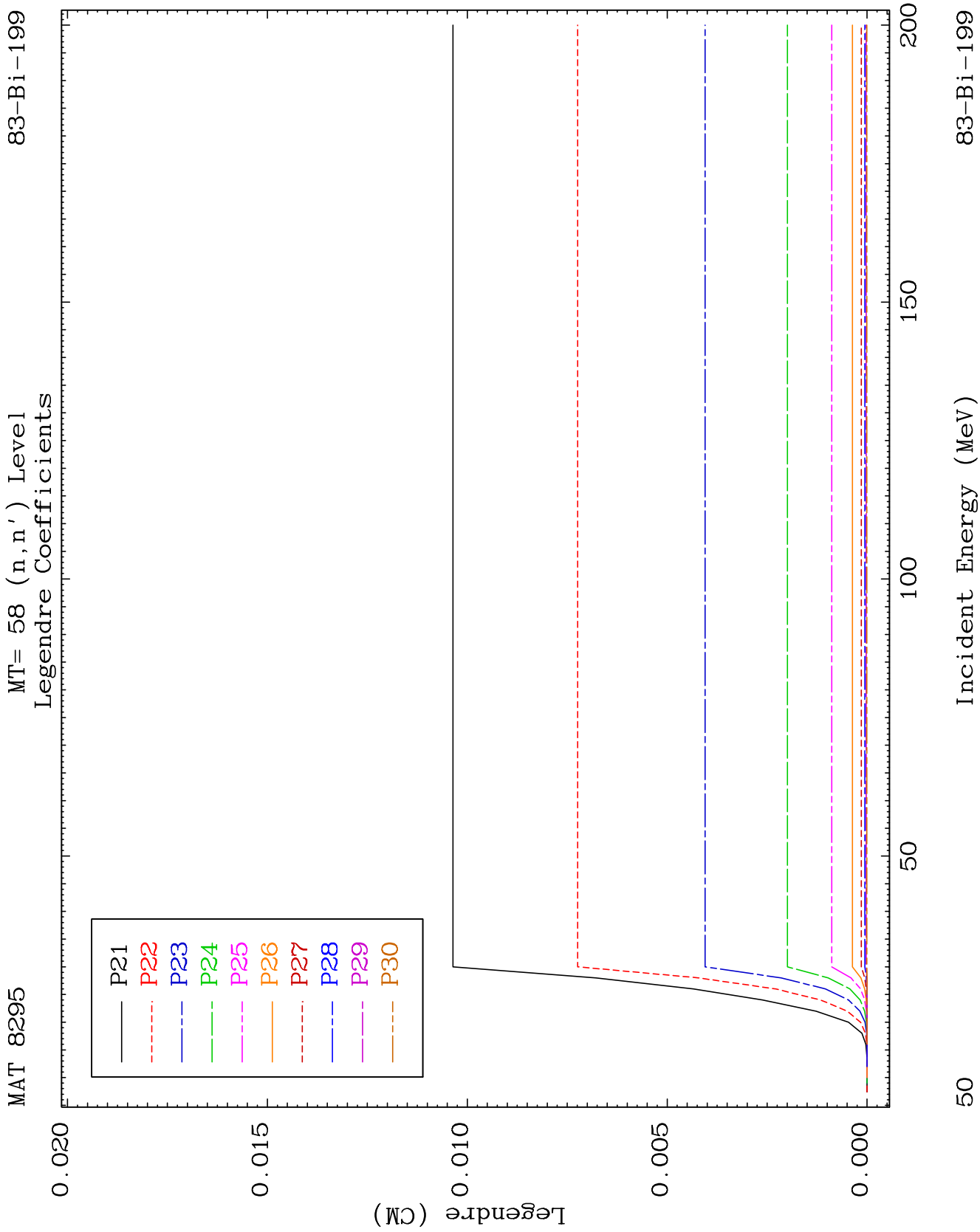


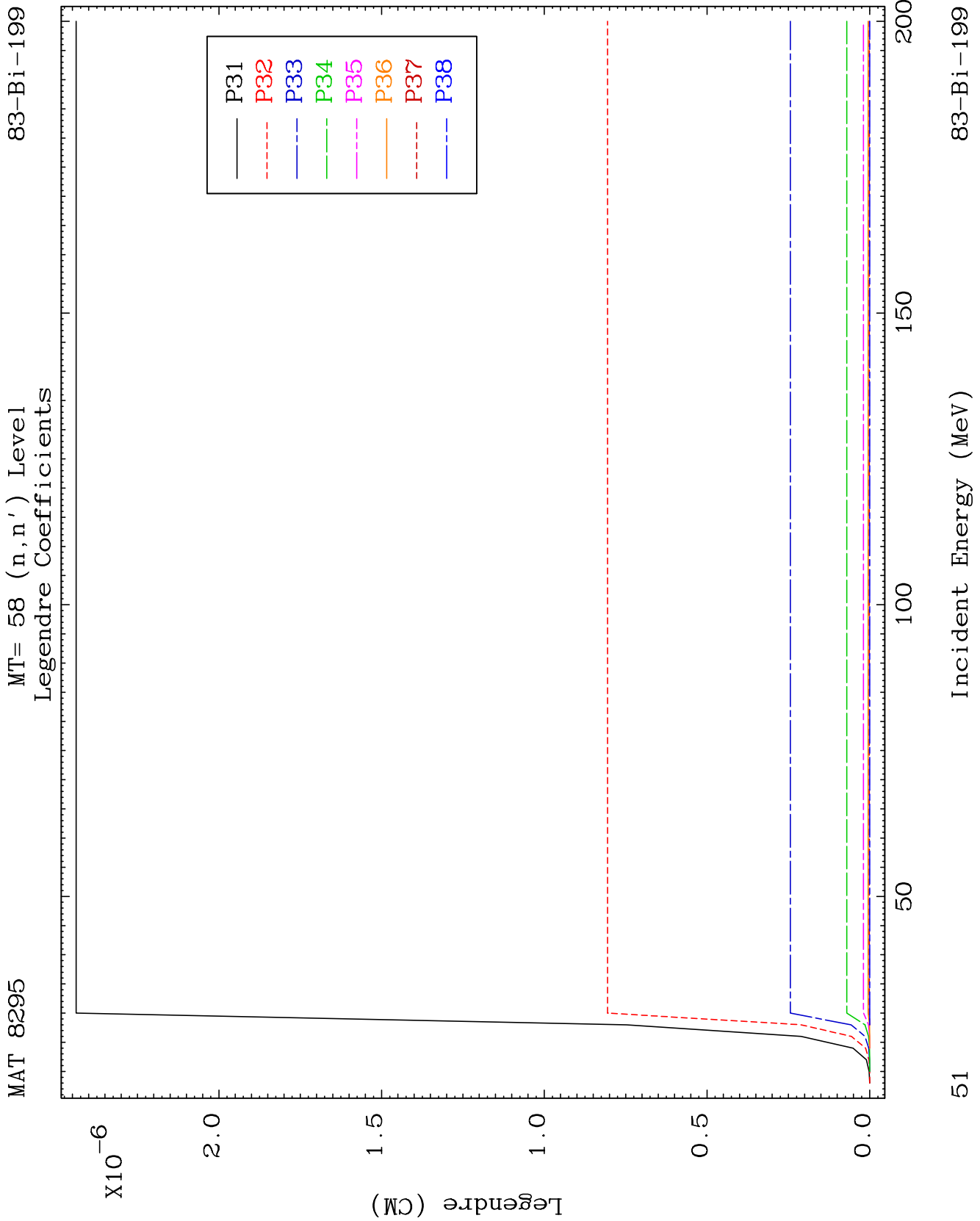
MAT 8295

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

83-Bi-199



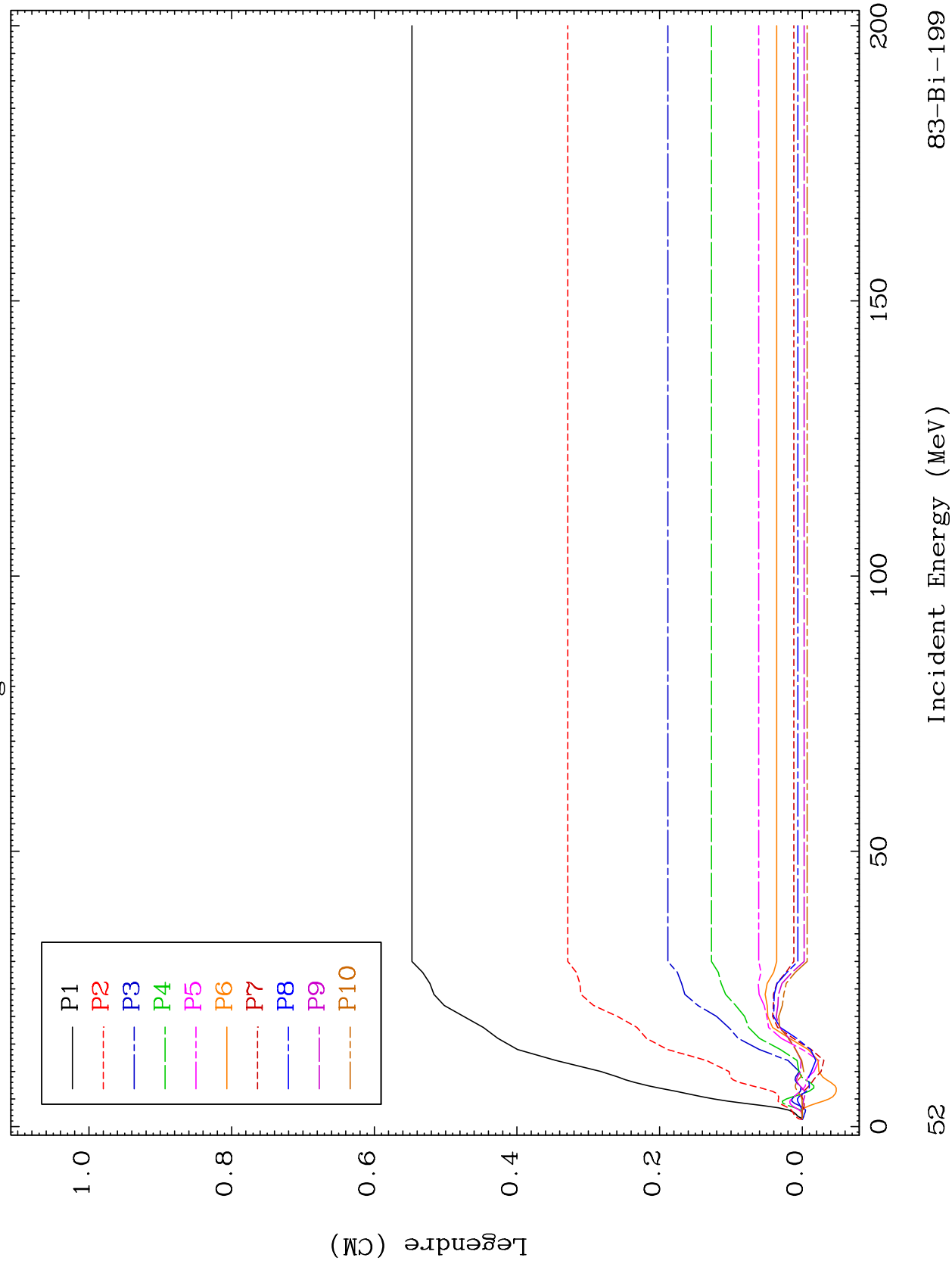


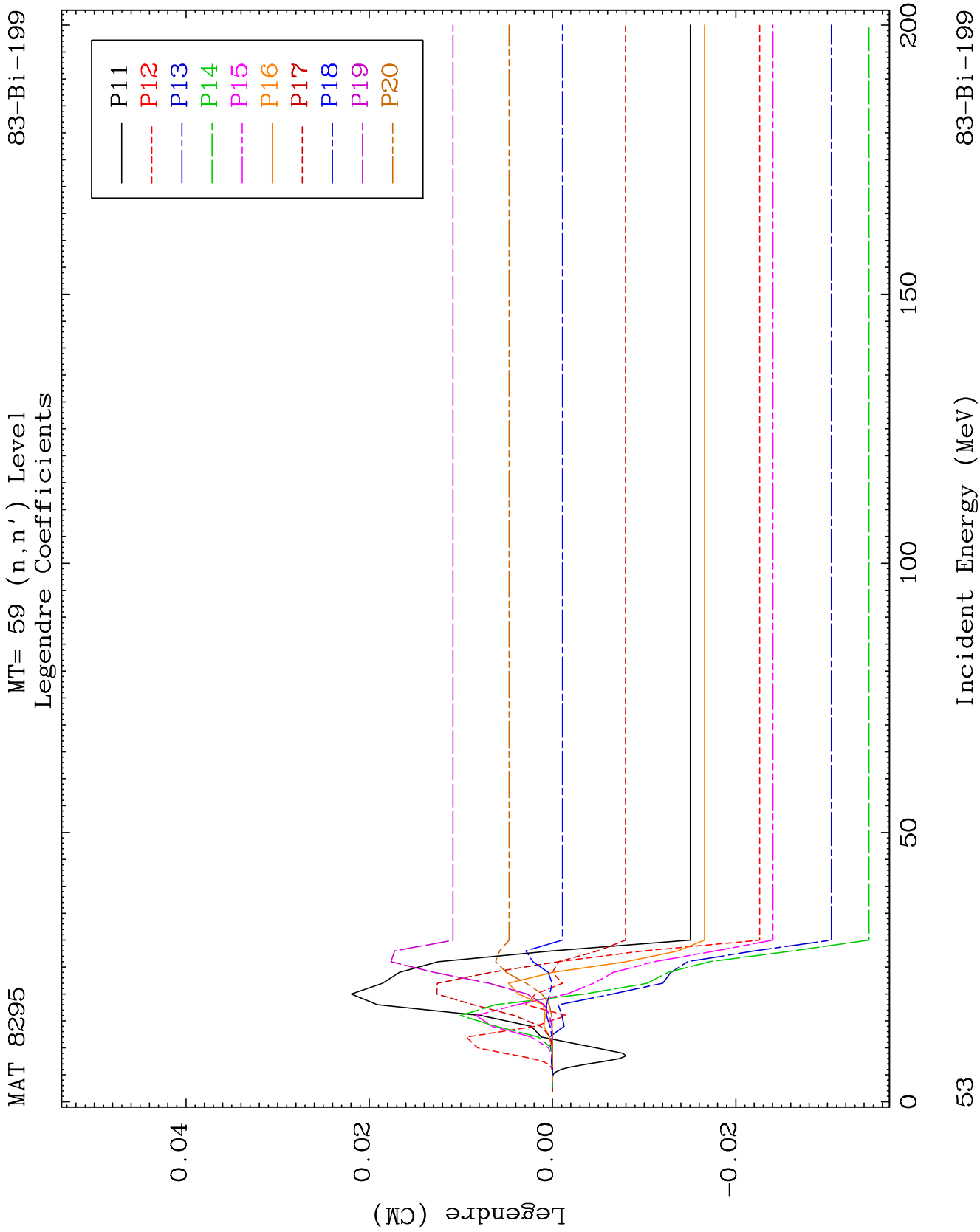


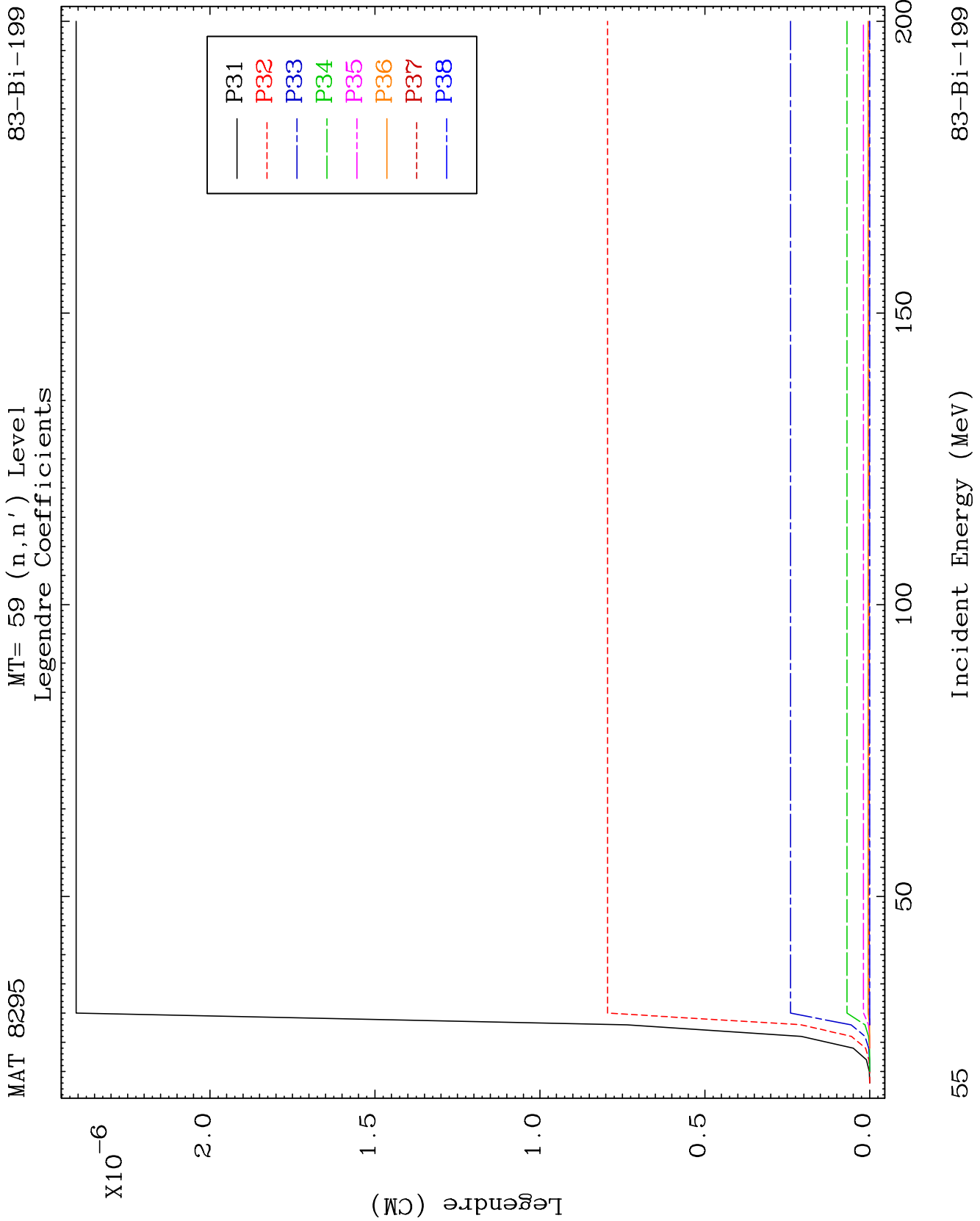
MAT 8295

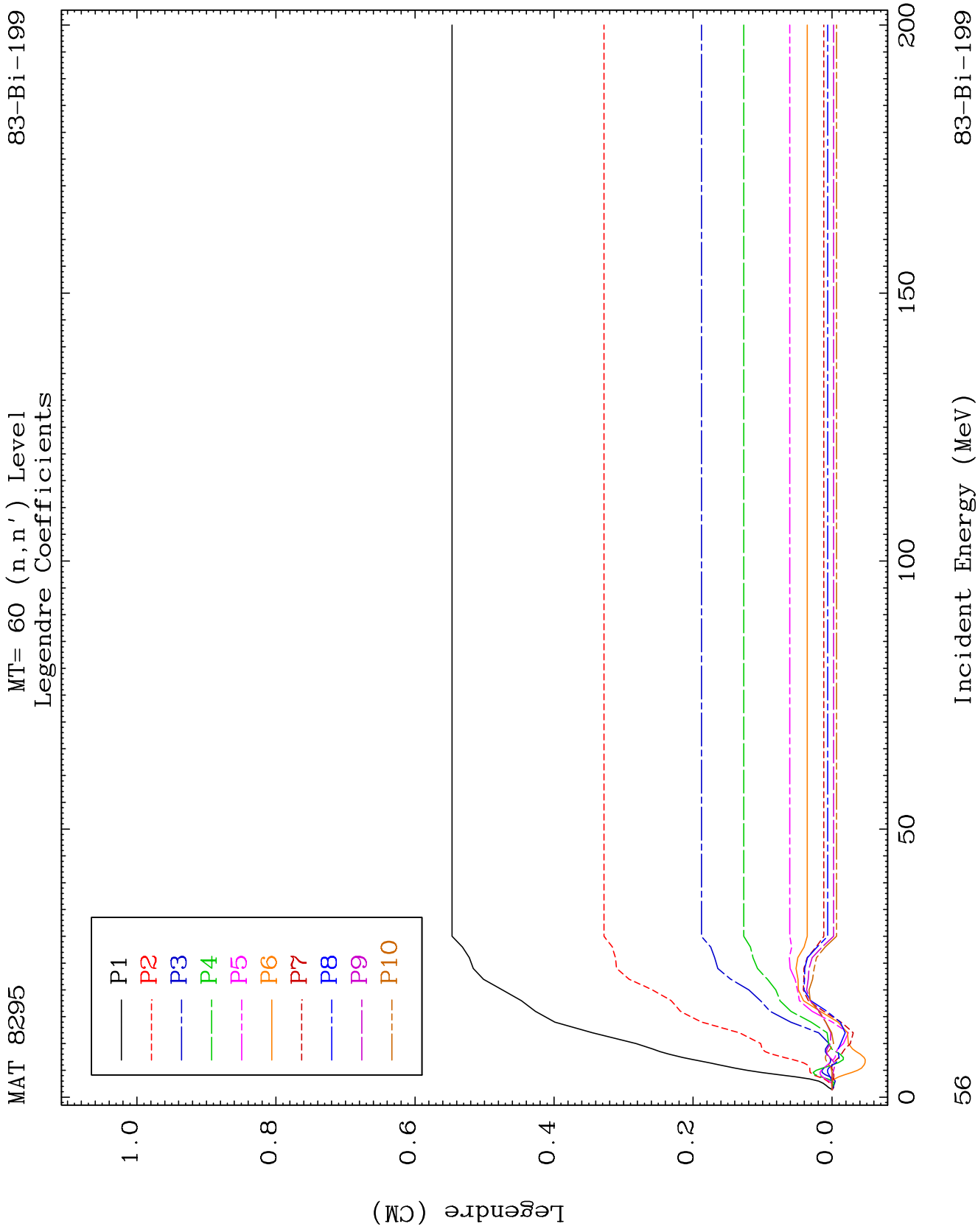
MT= 59 (n, n') Level
Legendre Coefficients

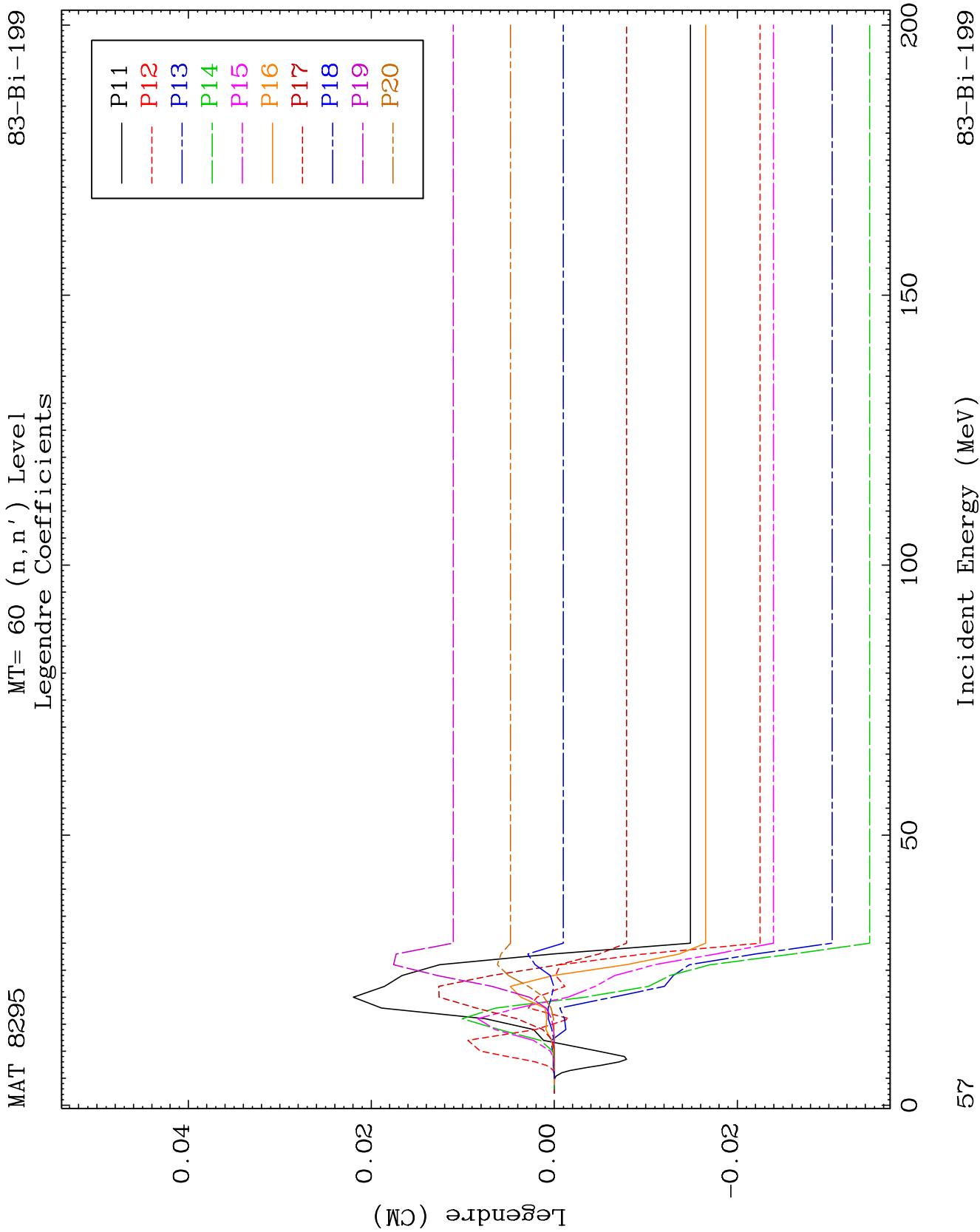
83-Bi-199

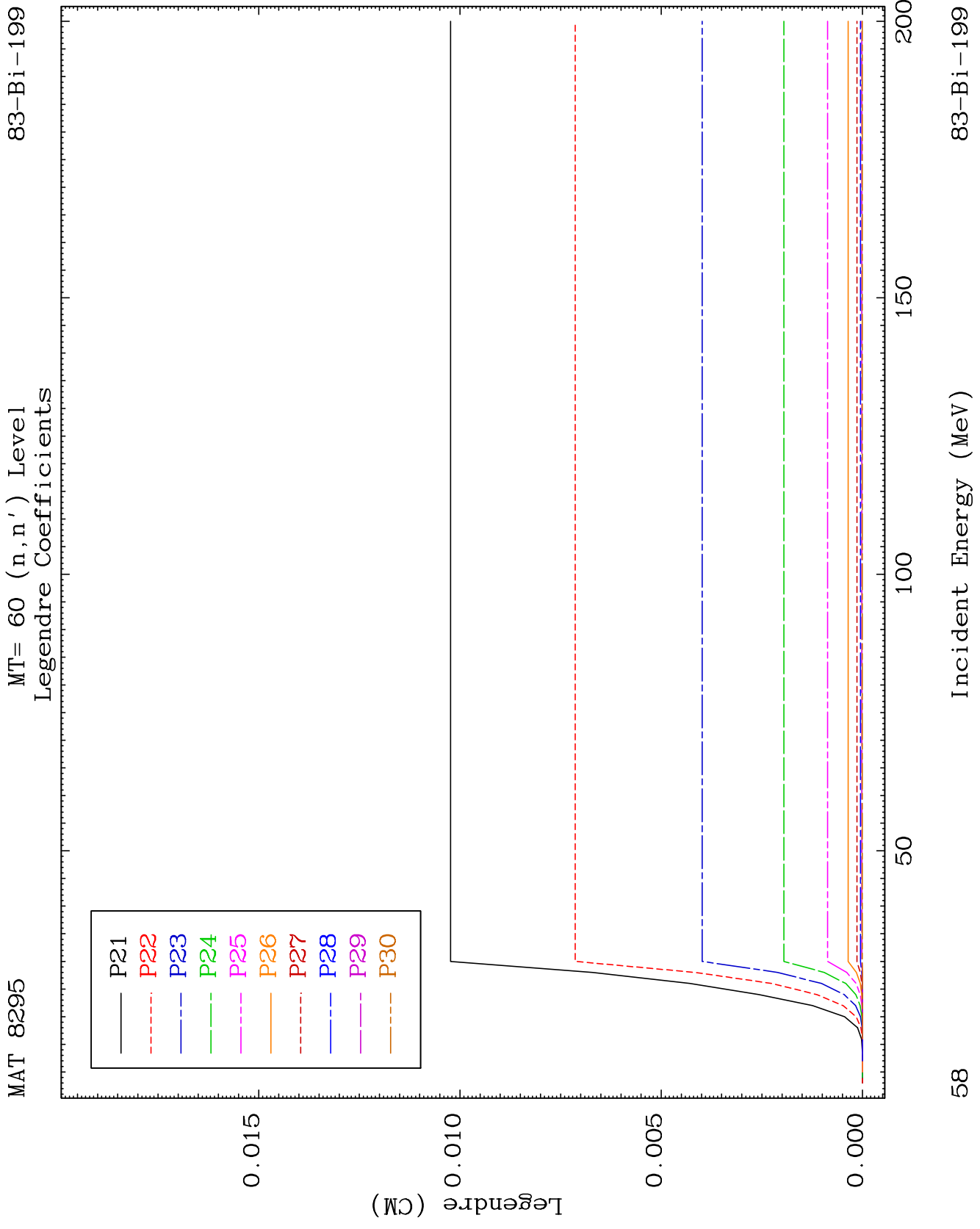


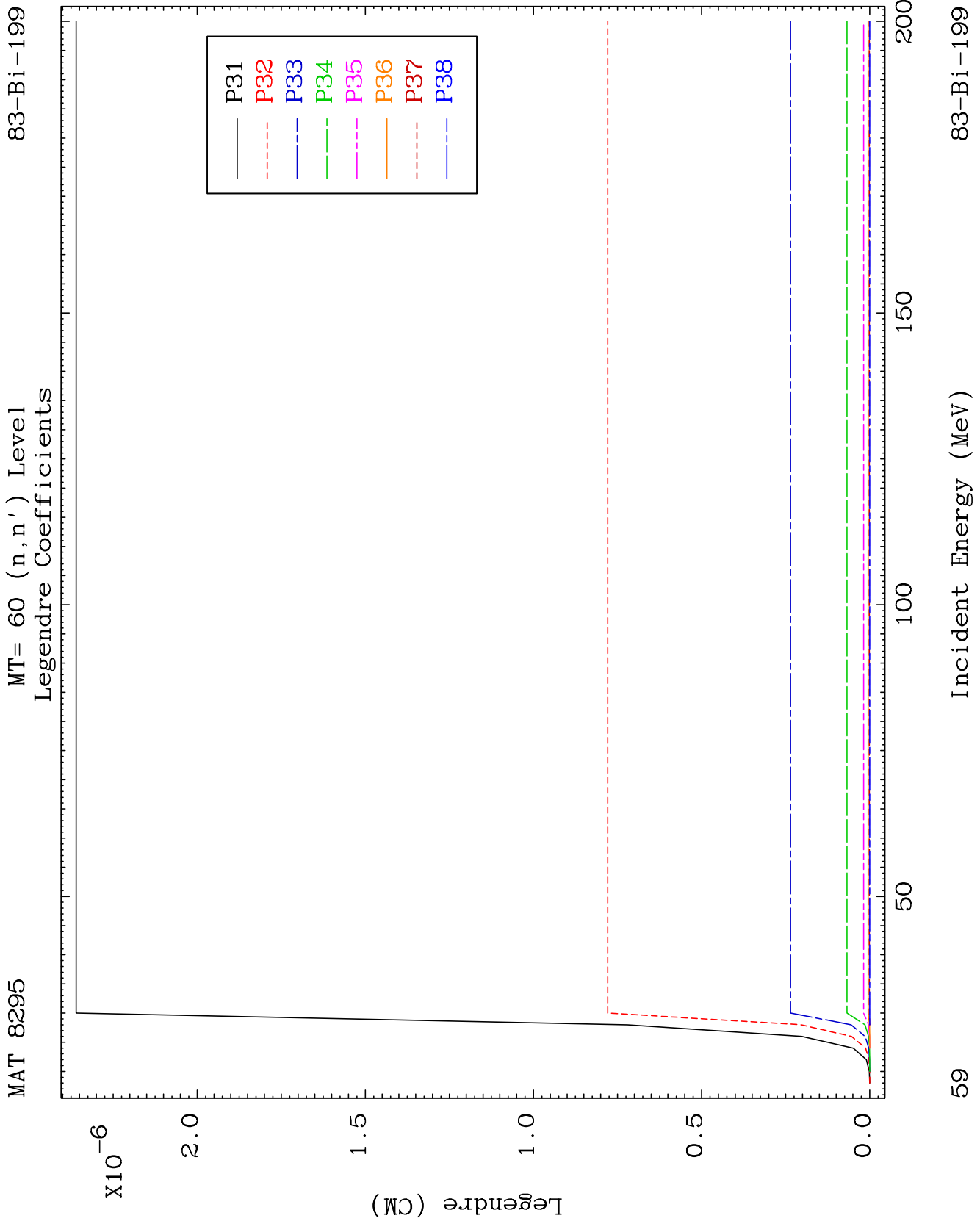








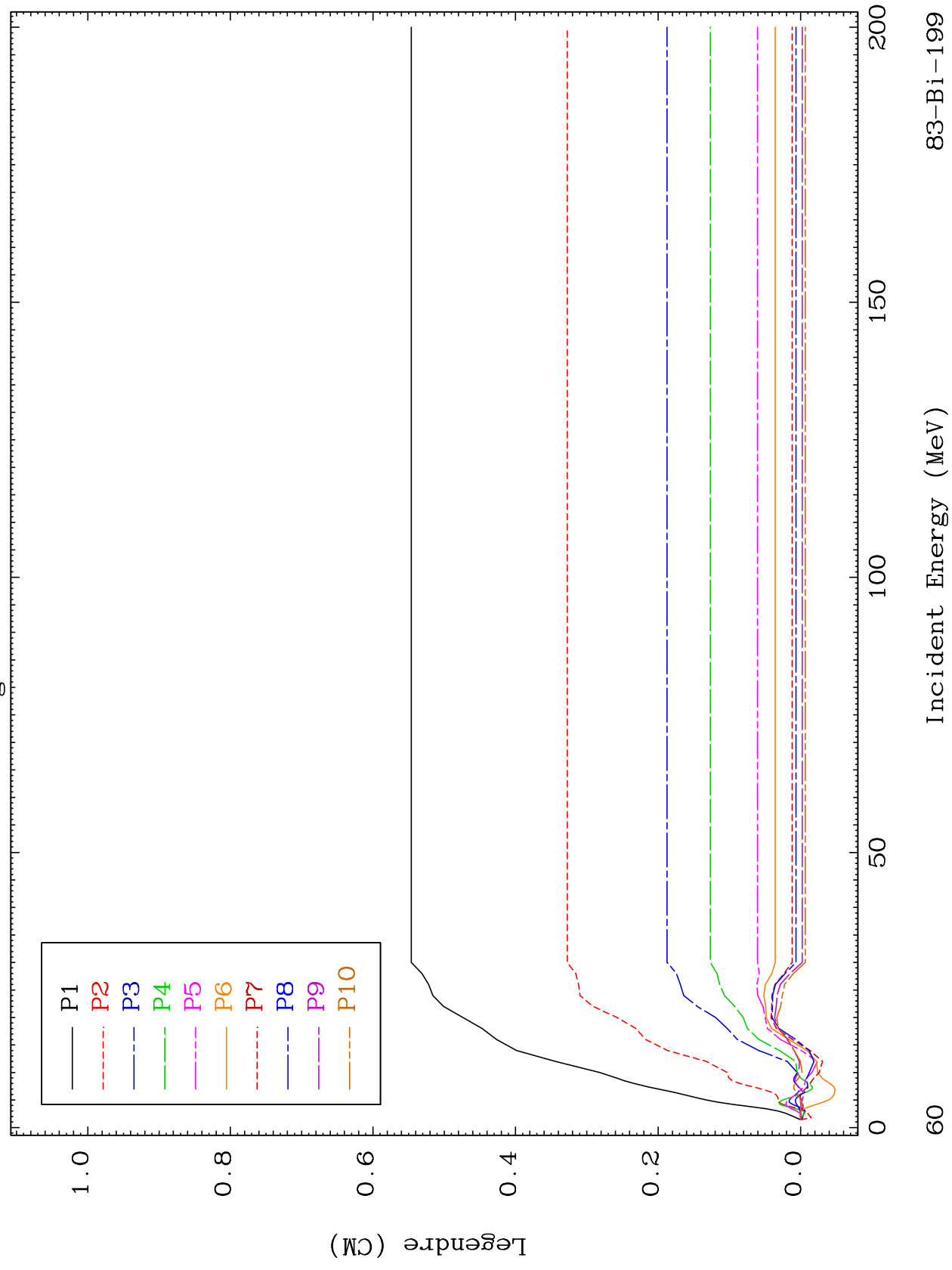


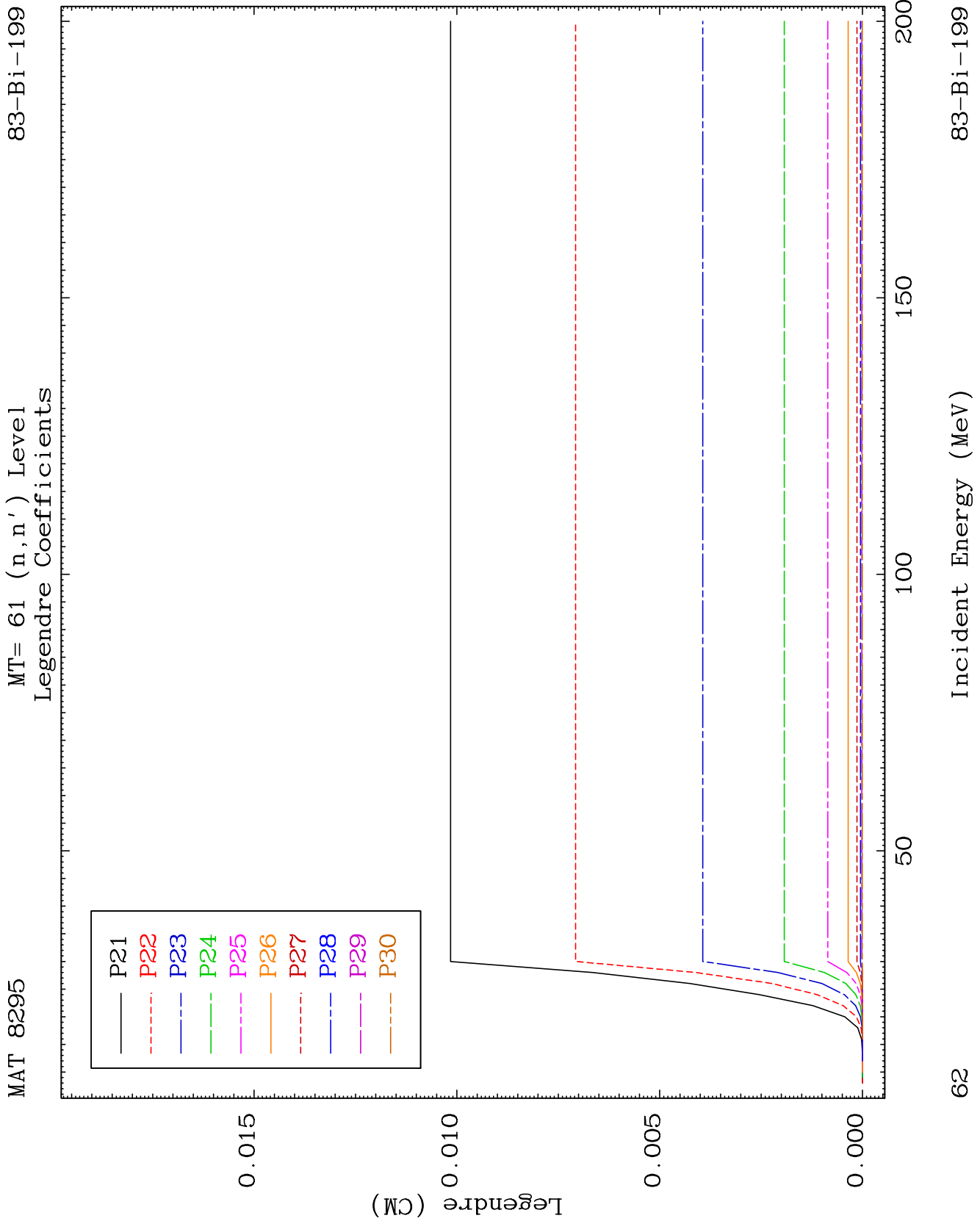


MAT 8295

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

83-Bi-199

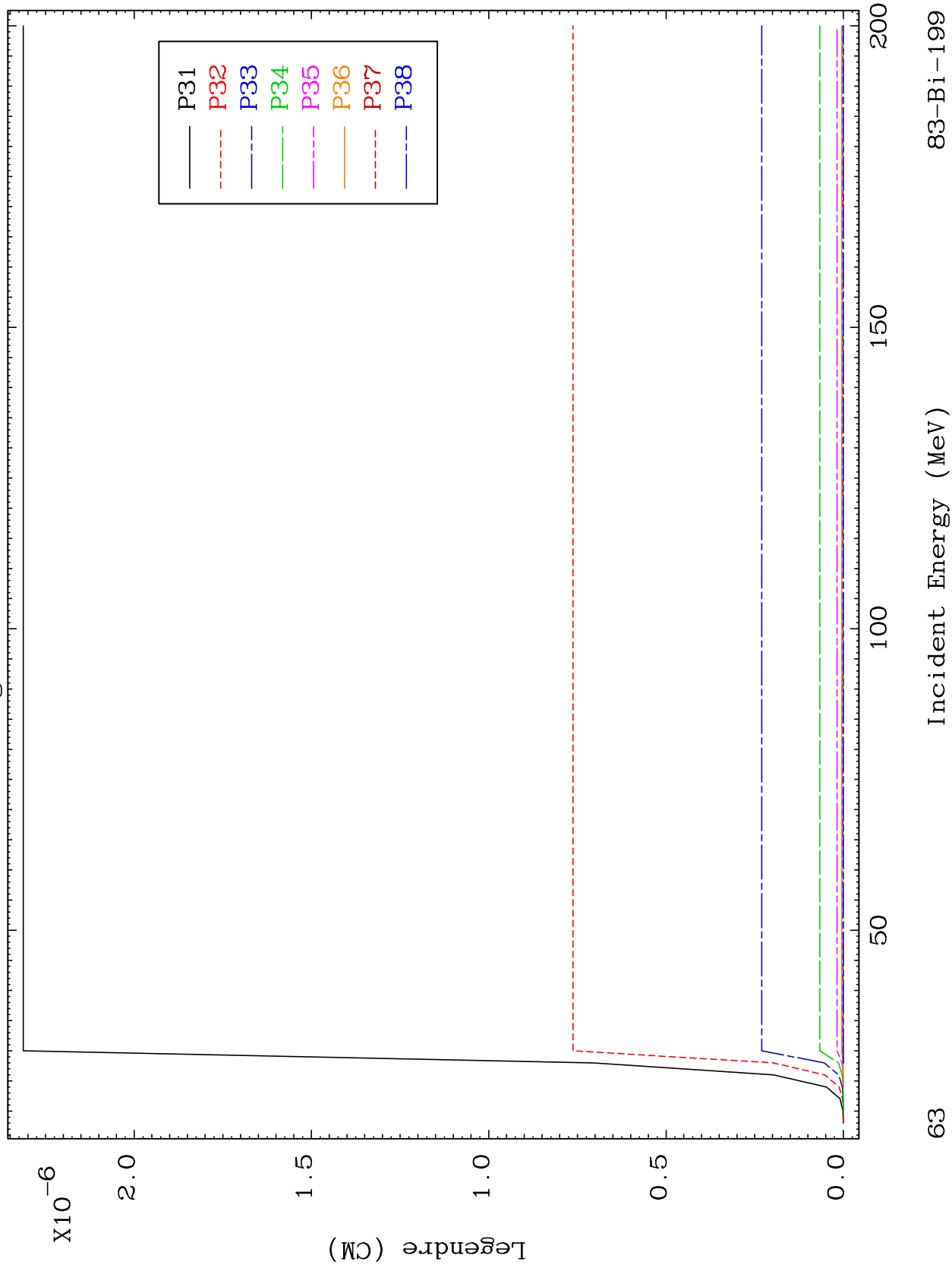




MAT 8295

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

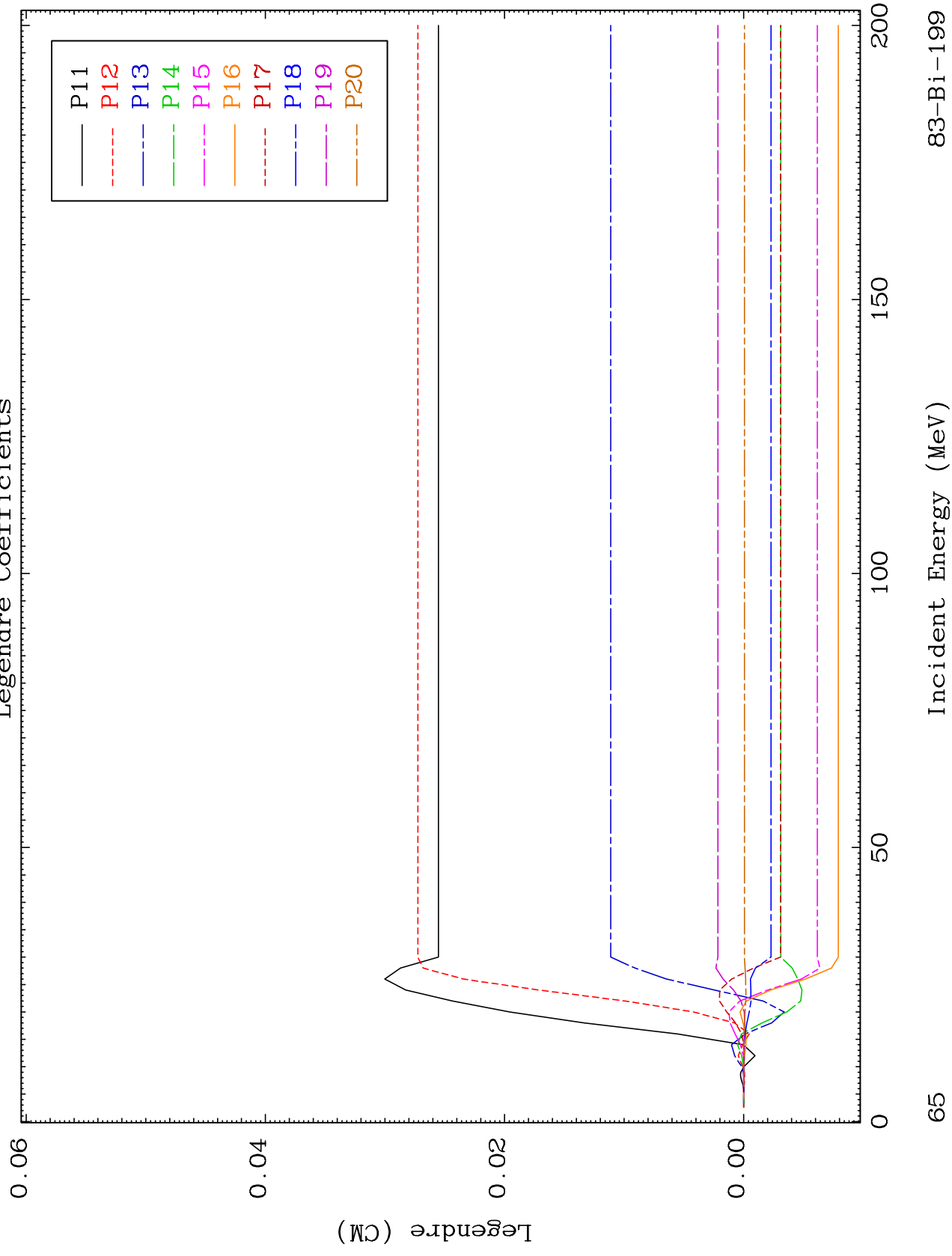
83-Bi-199

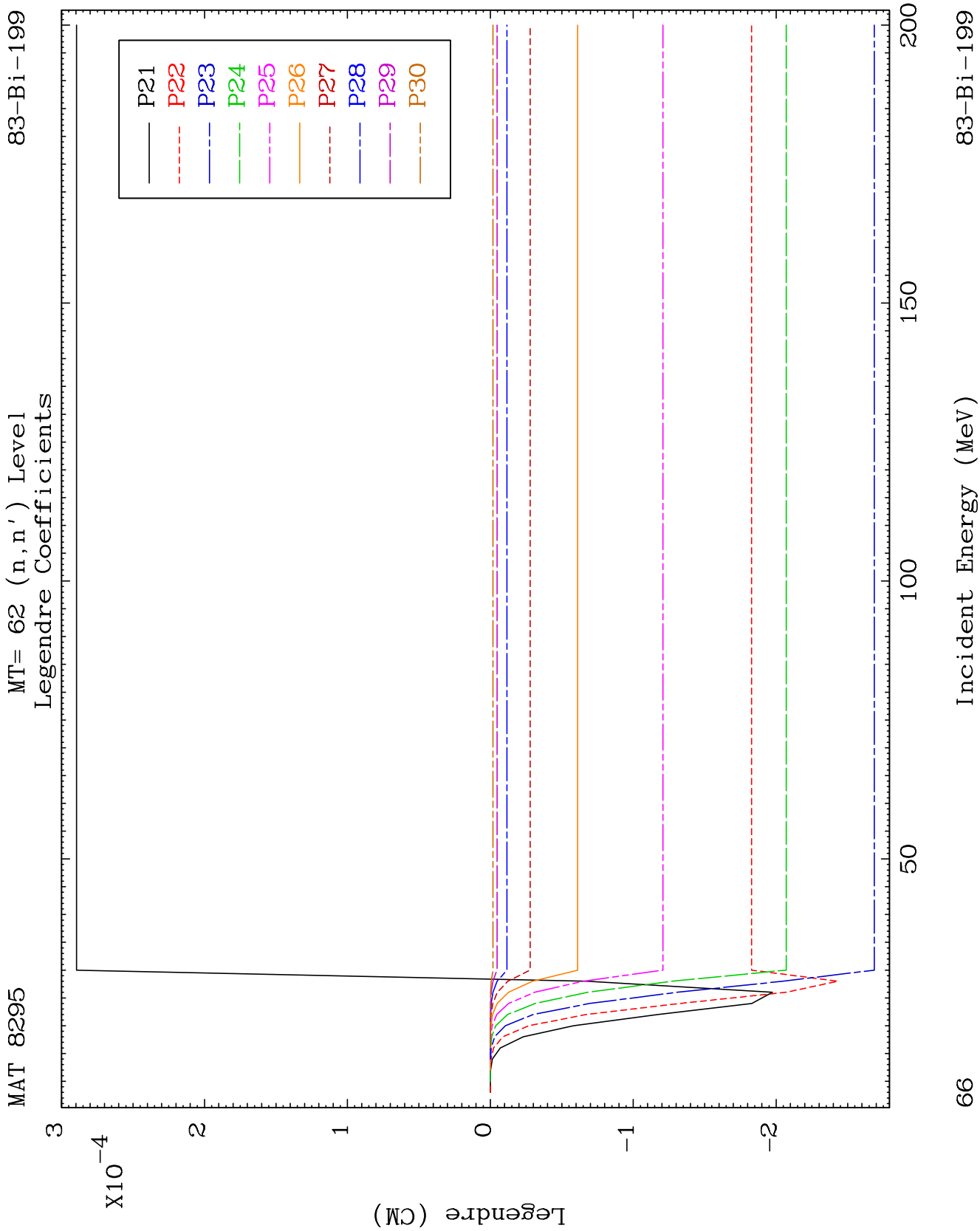


MAT 8295

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

83-Bi-199

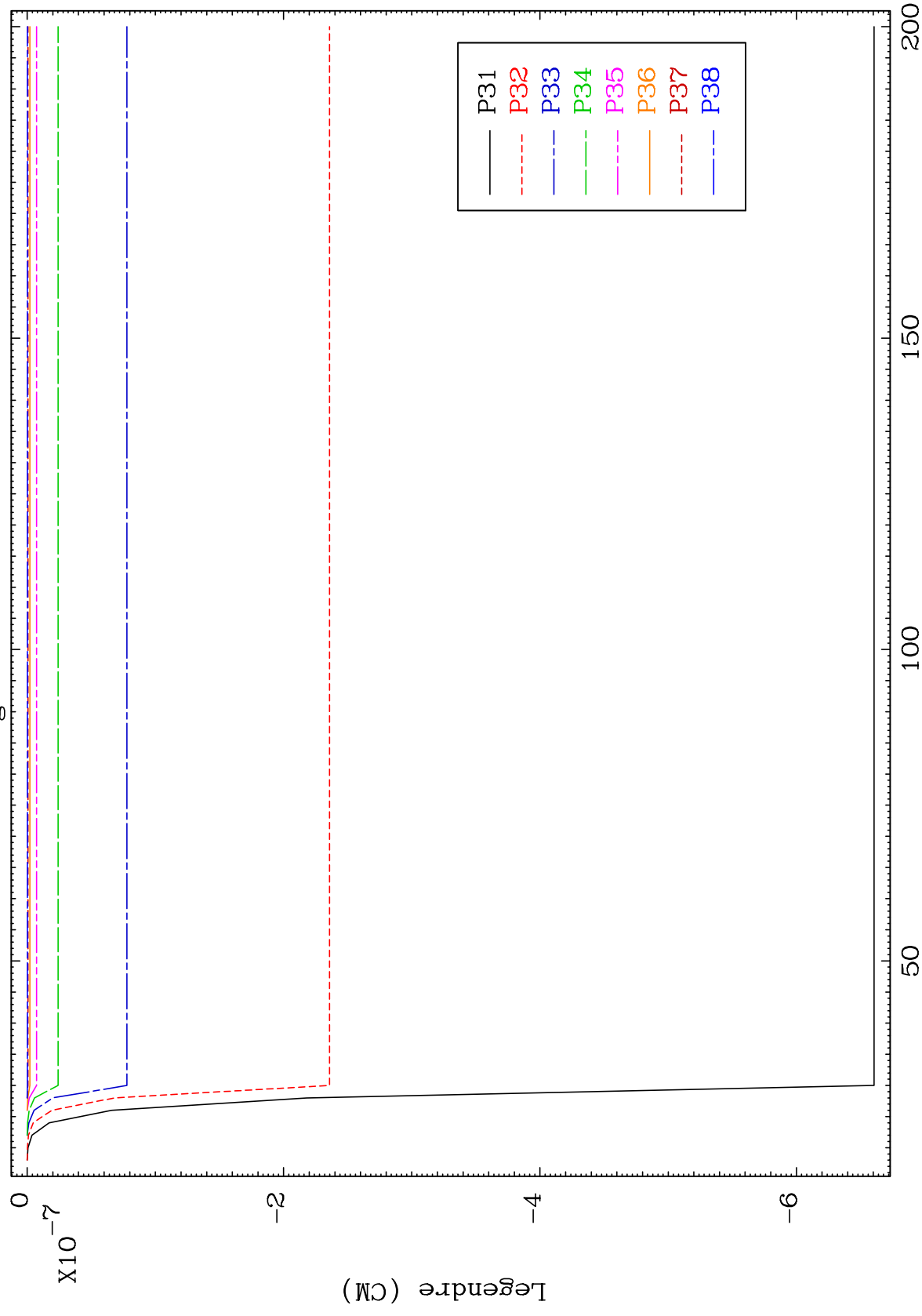




MAT 8295

83-Bi-199

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



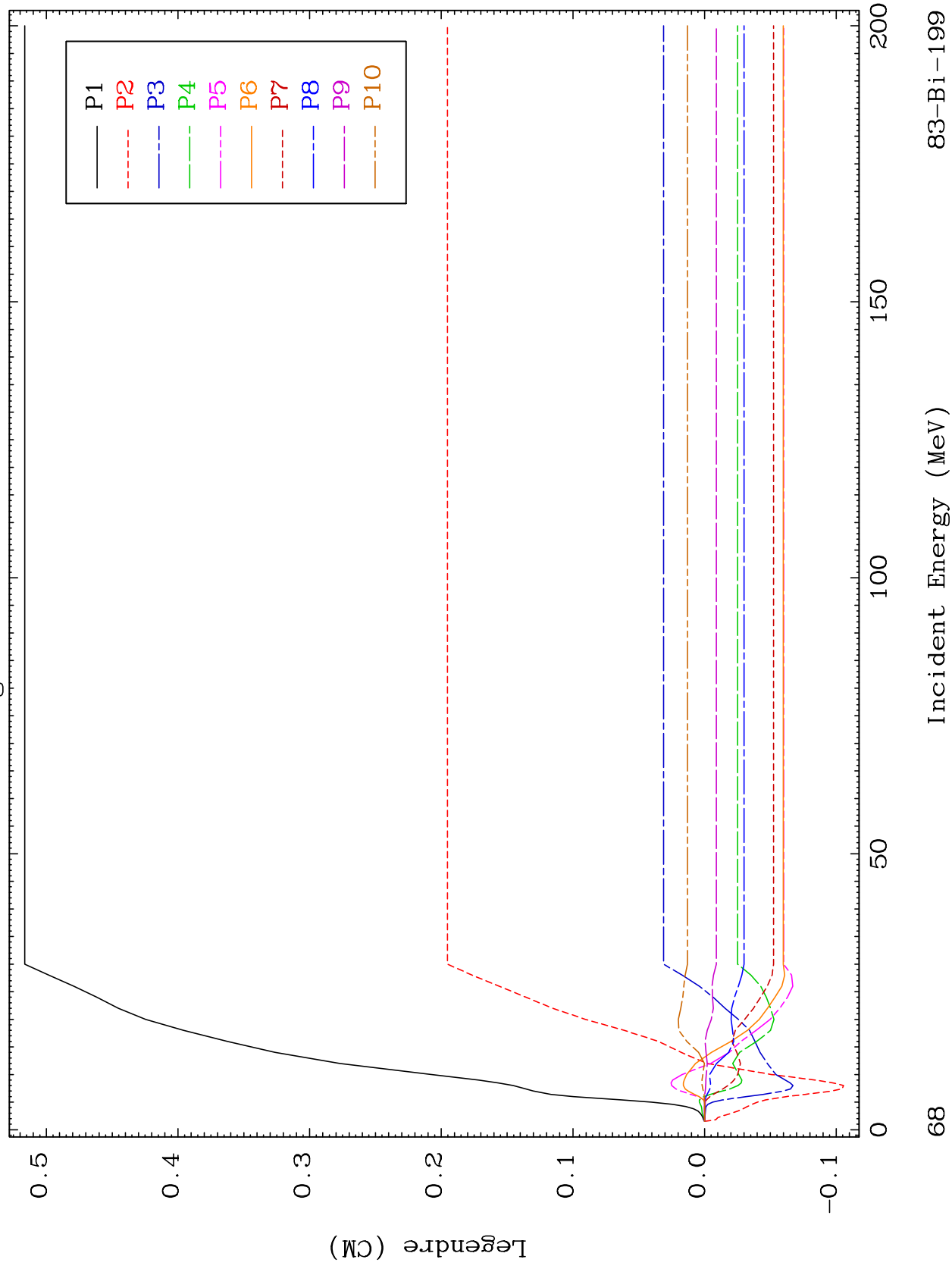
29

83-Bi-199

MAT 8295

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

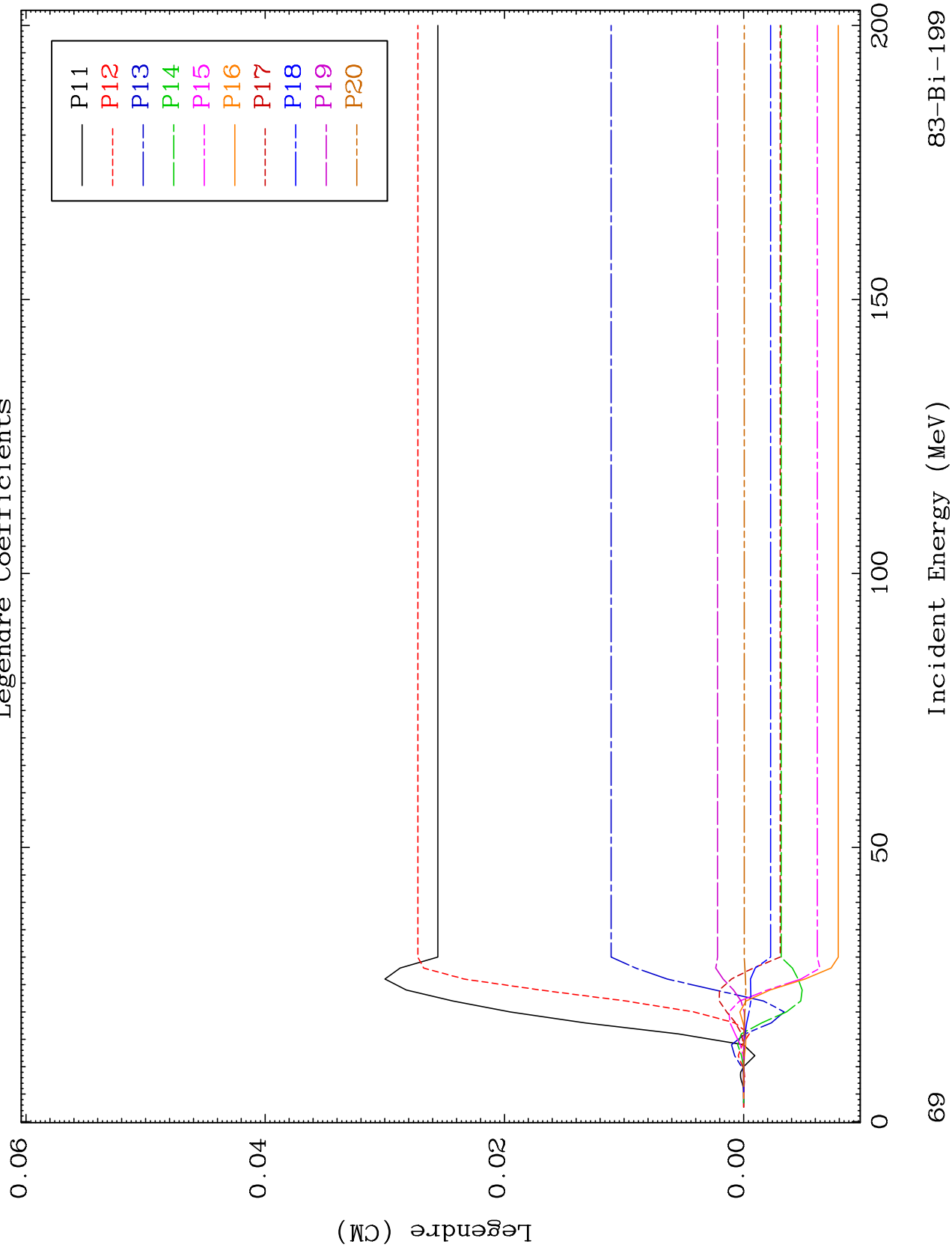
83-Bi-199



MAT 8295

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

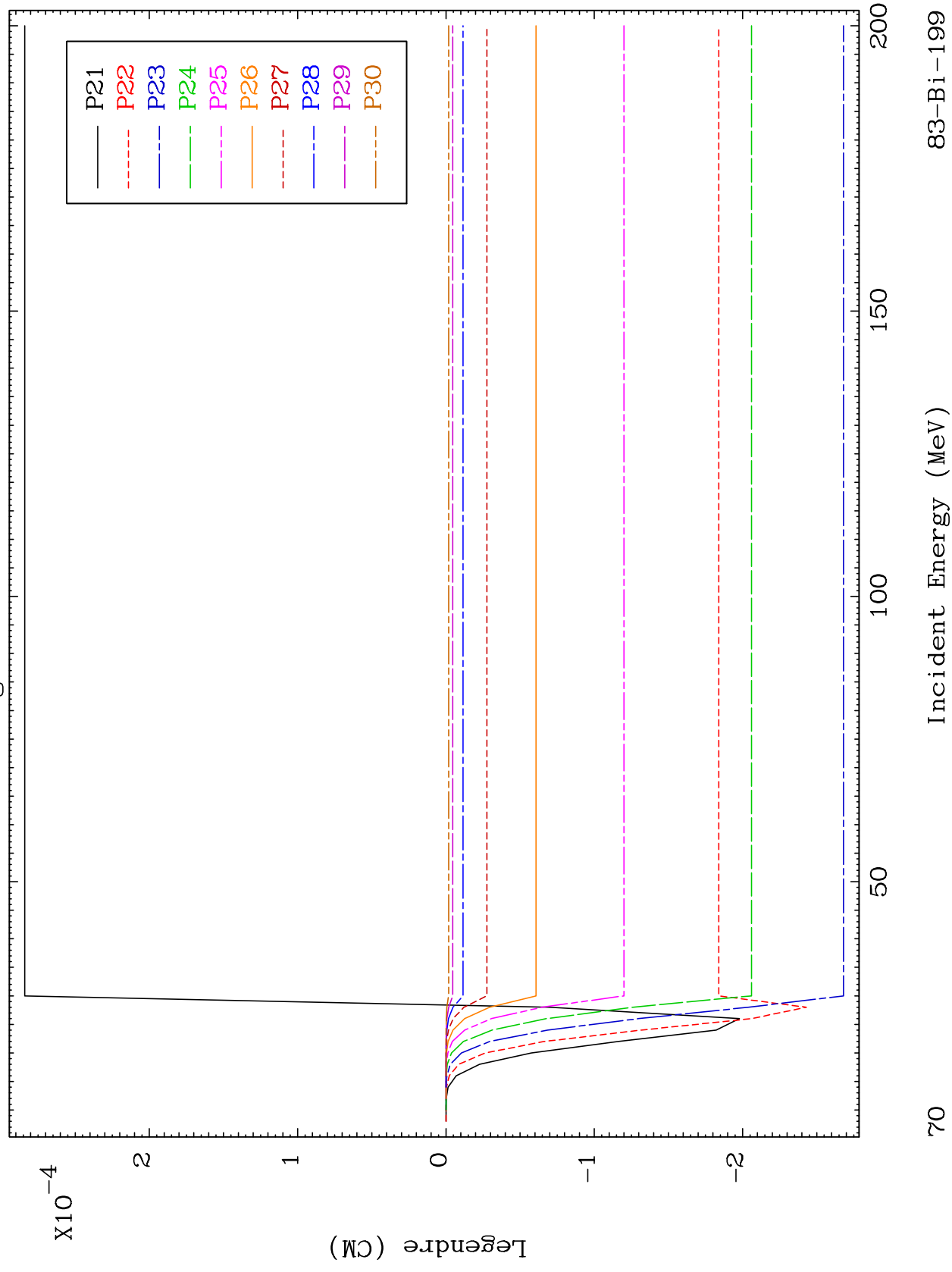
83-Bi-199

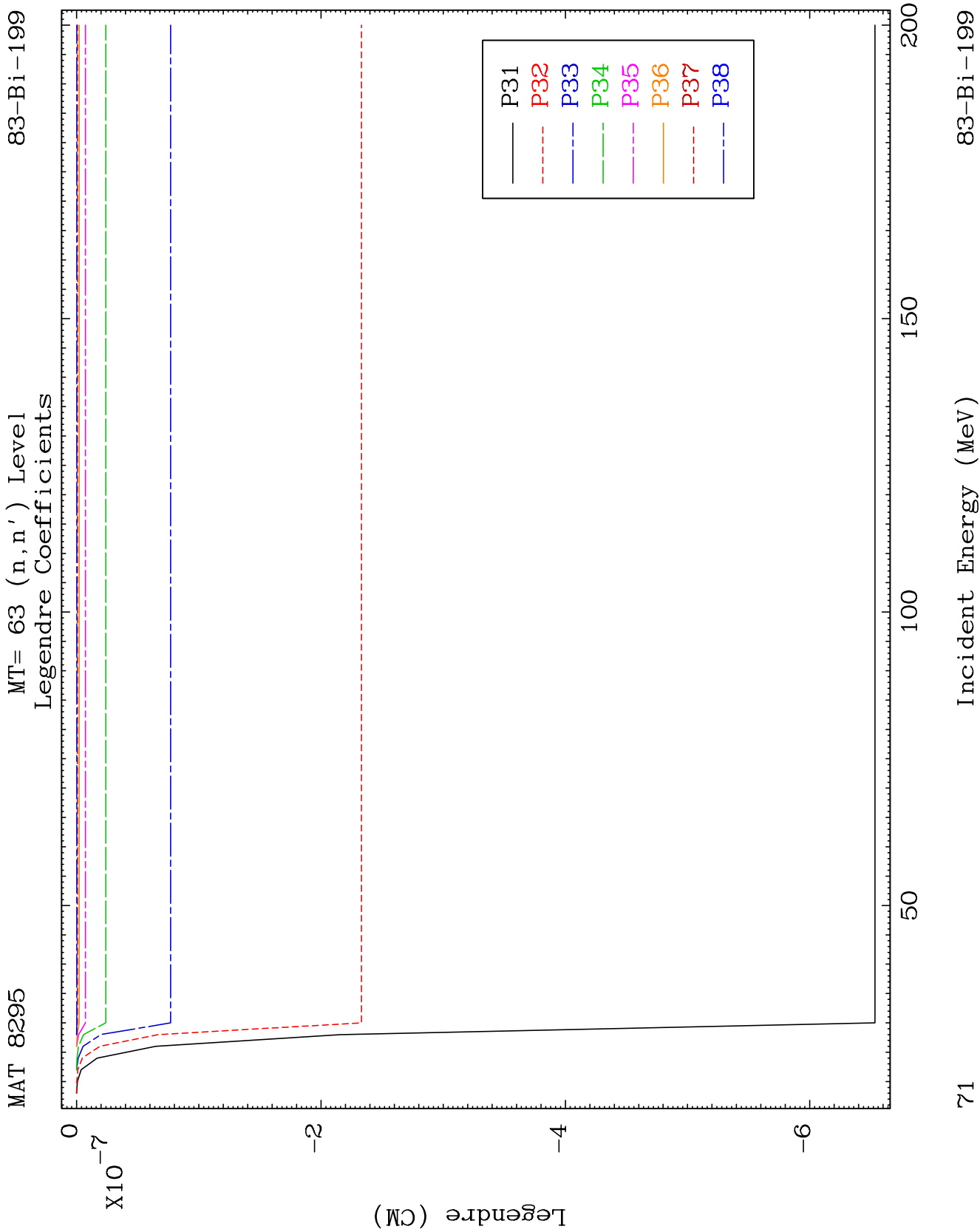


MAT 8295

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

83-Bi-199

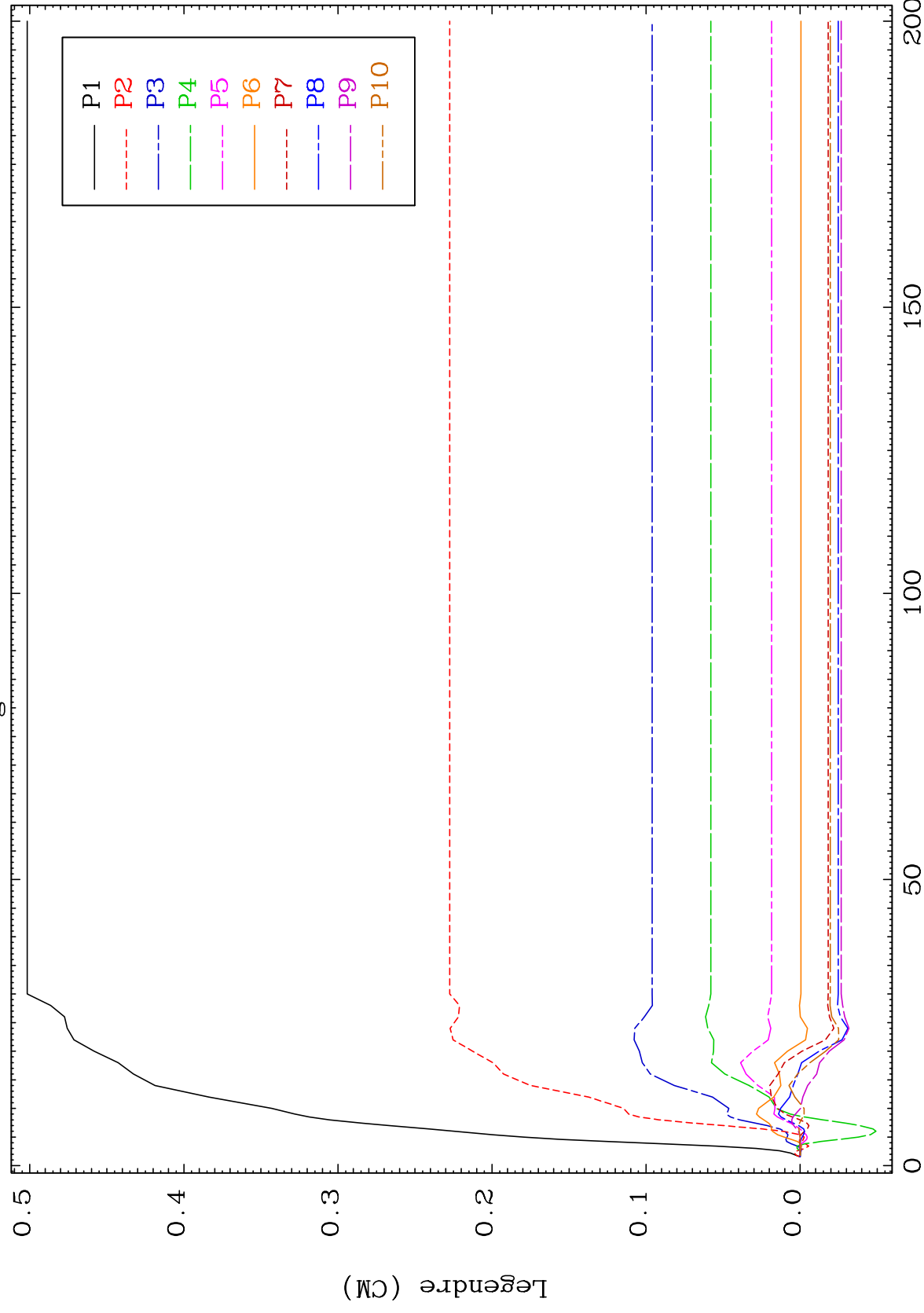




MAT 8295

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

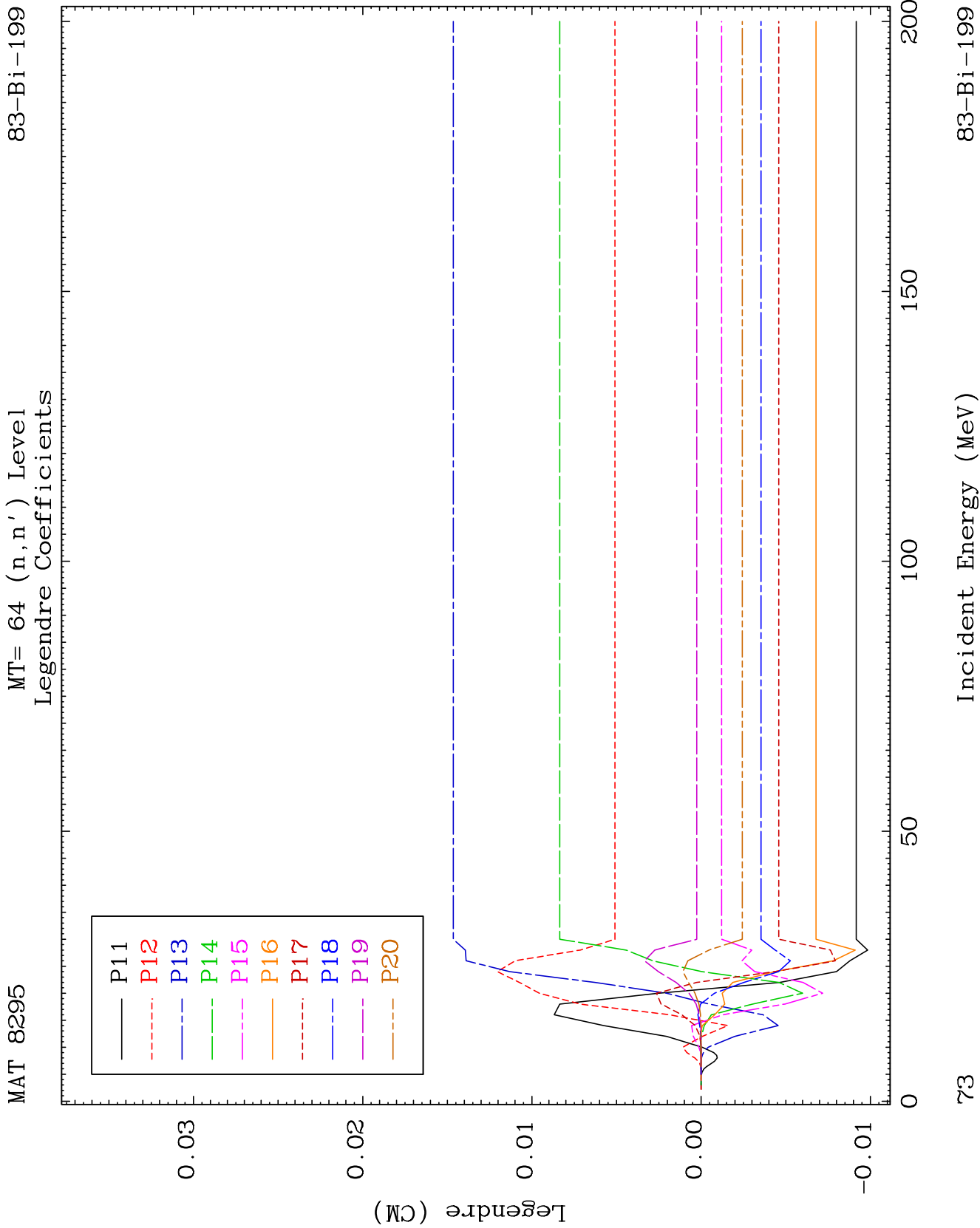
83-Bi-199

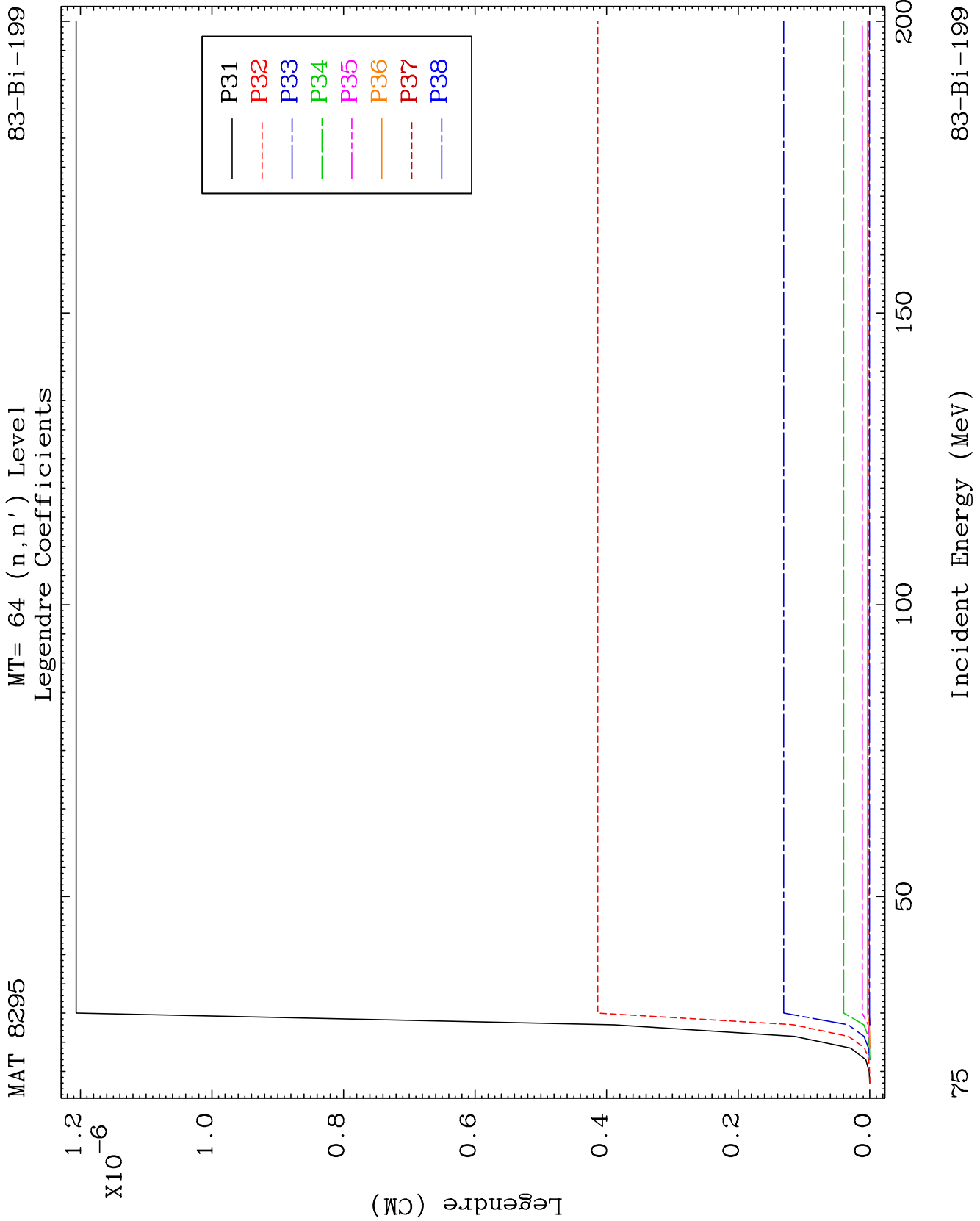


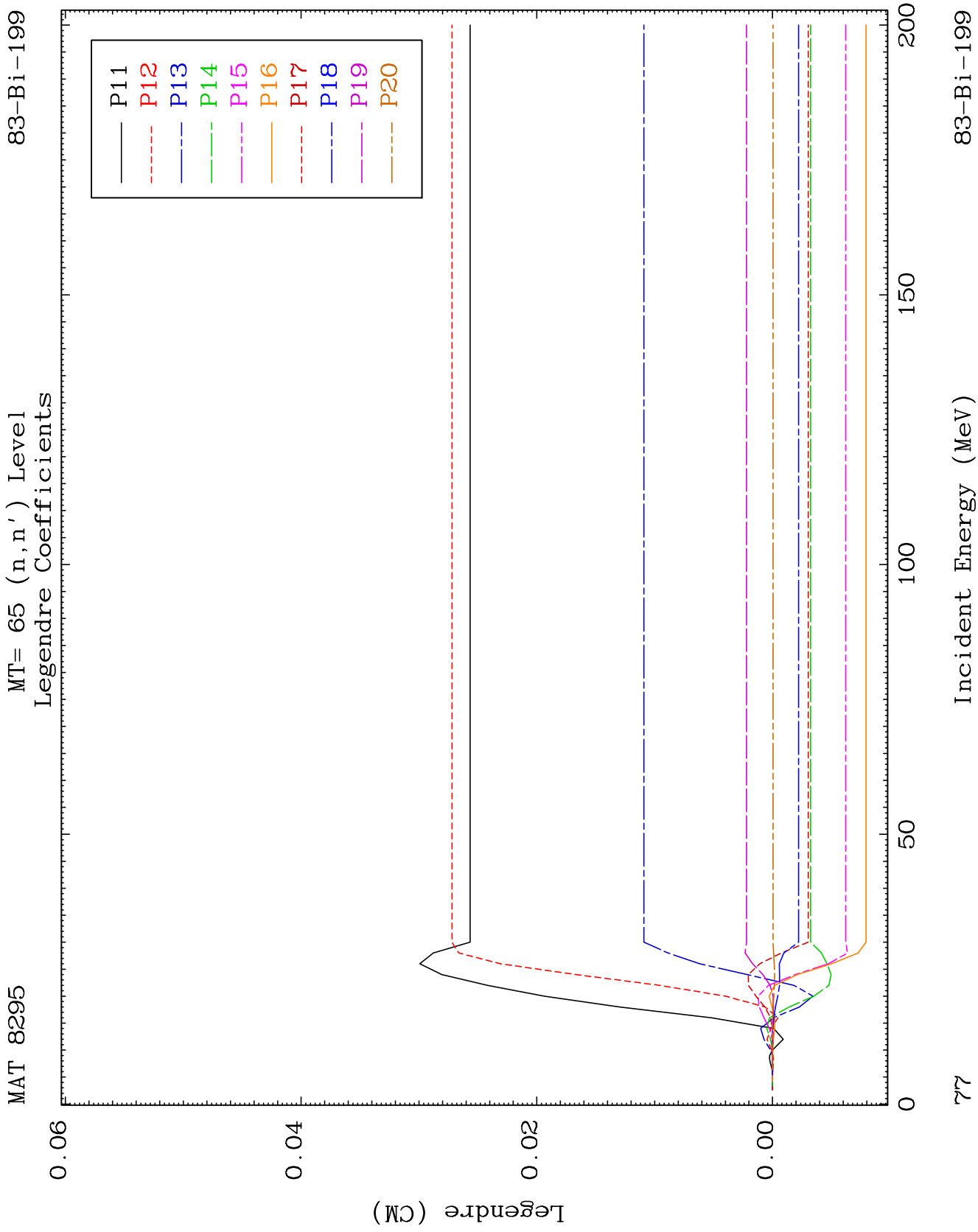
22

Incident Energy (MeV)

83-Bi-199



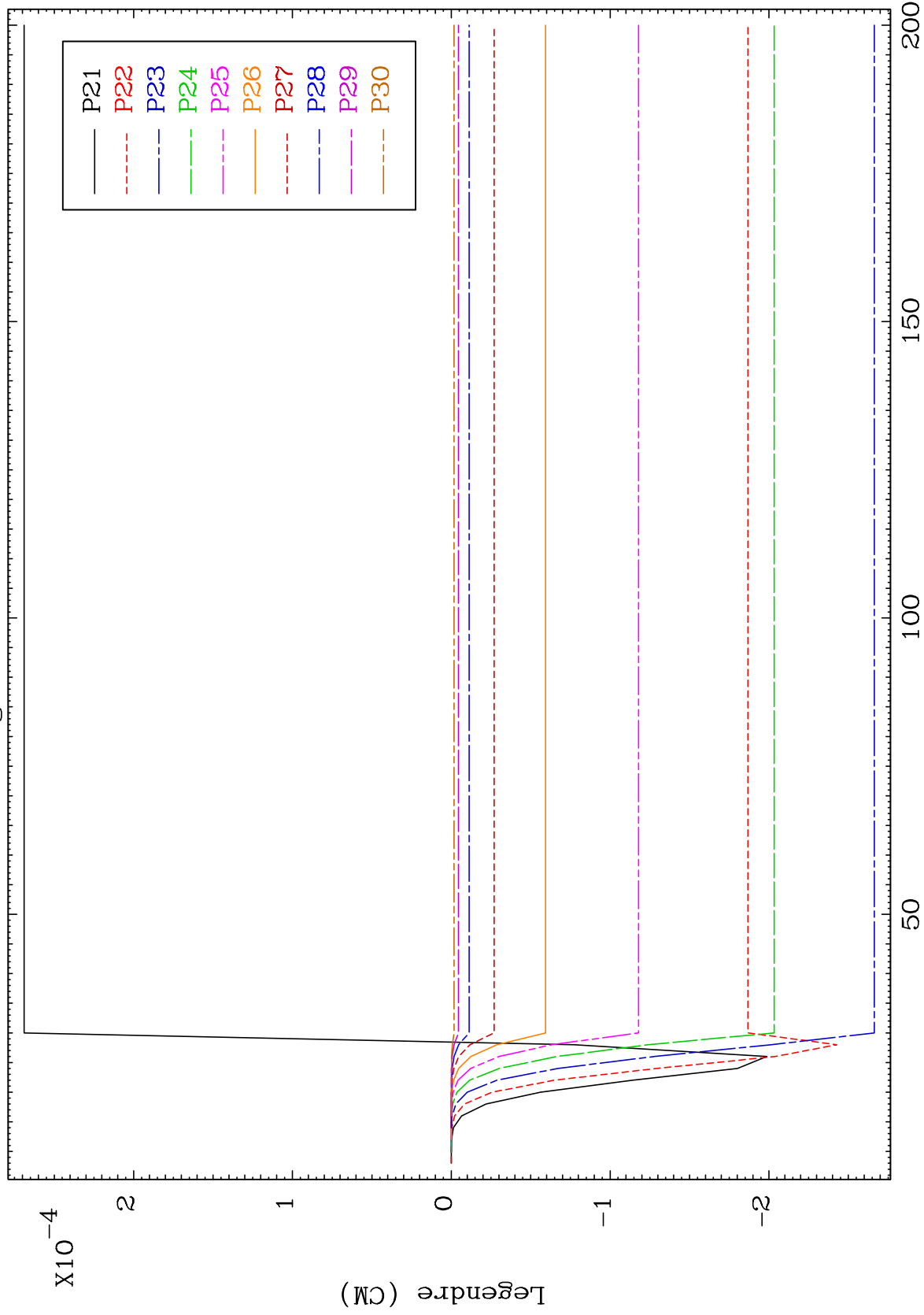




MAT 8295

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

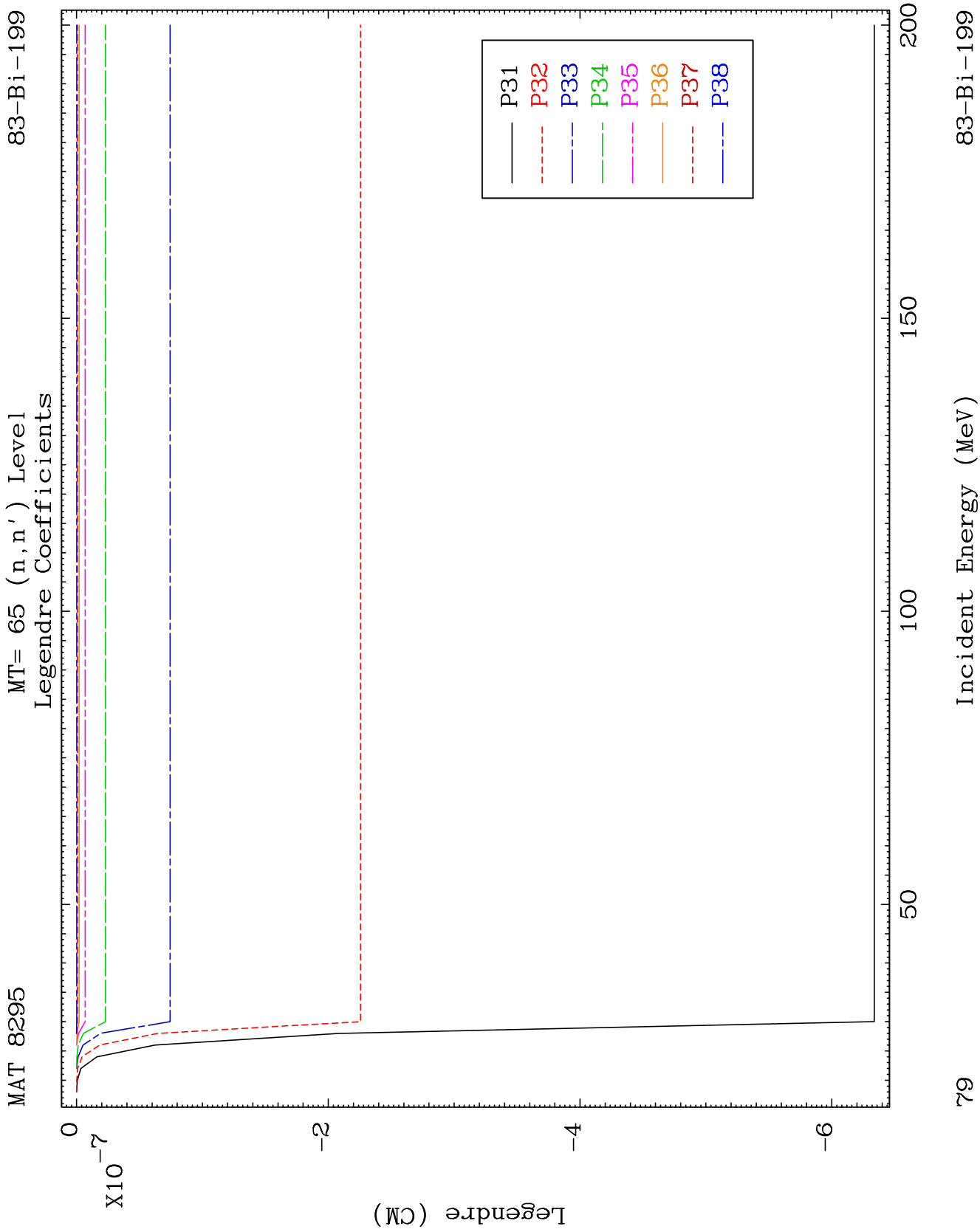
83-Bi-199



78

Incident Energy (MeV)

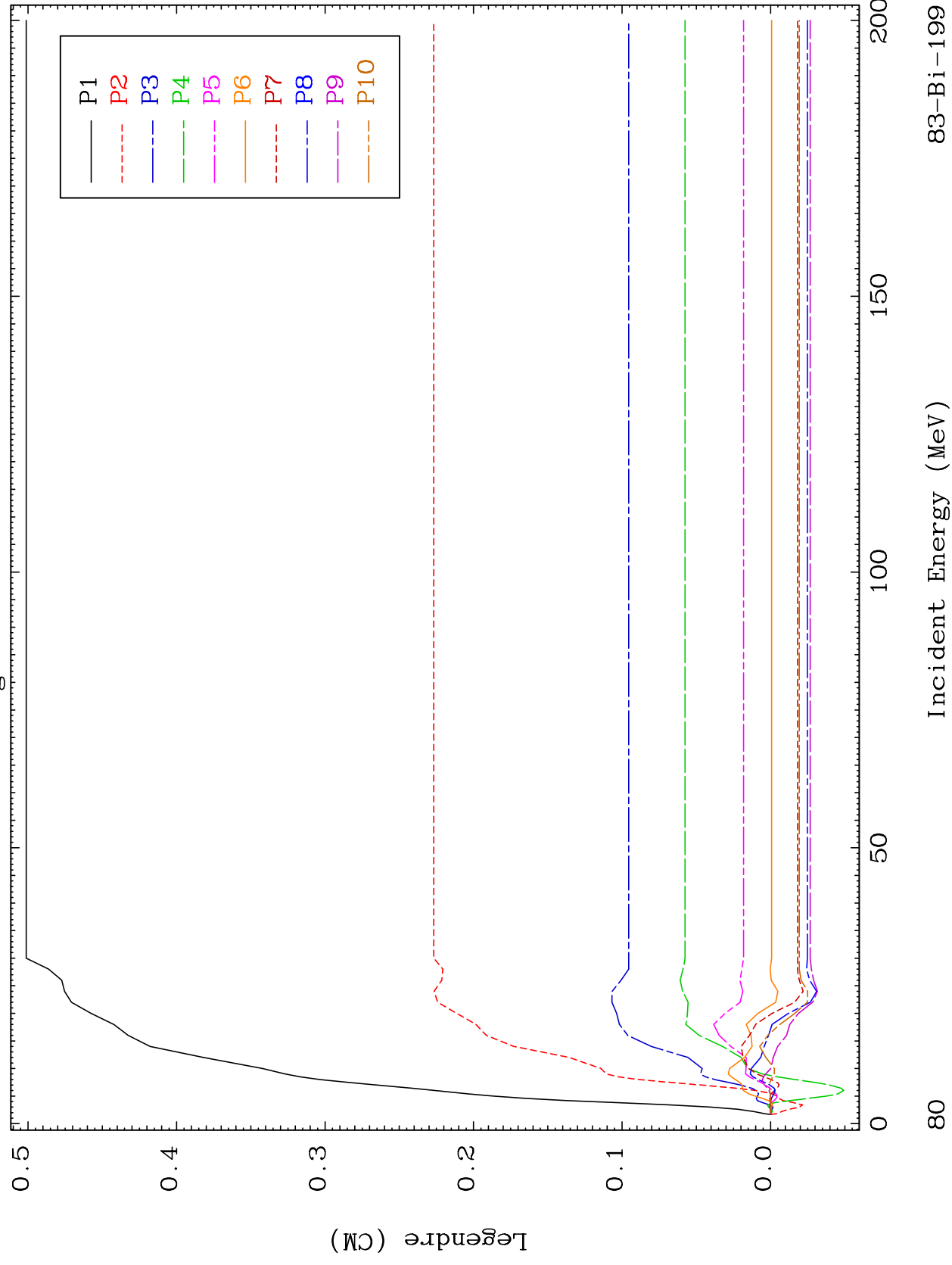
83-Bi-199



MAT 8295

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

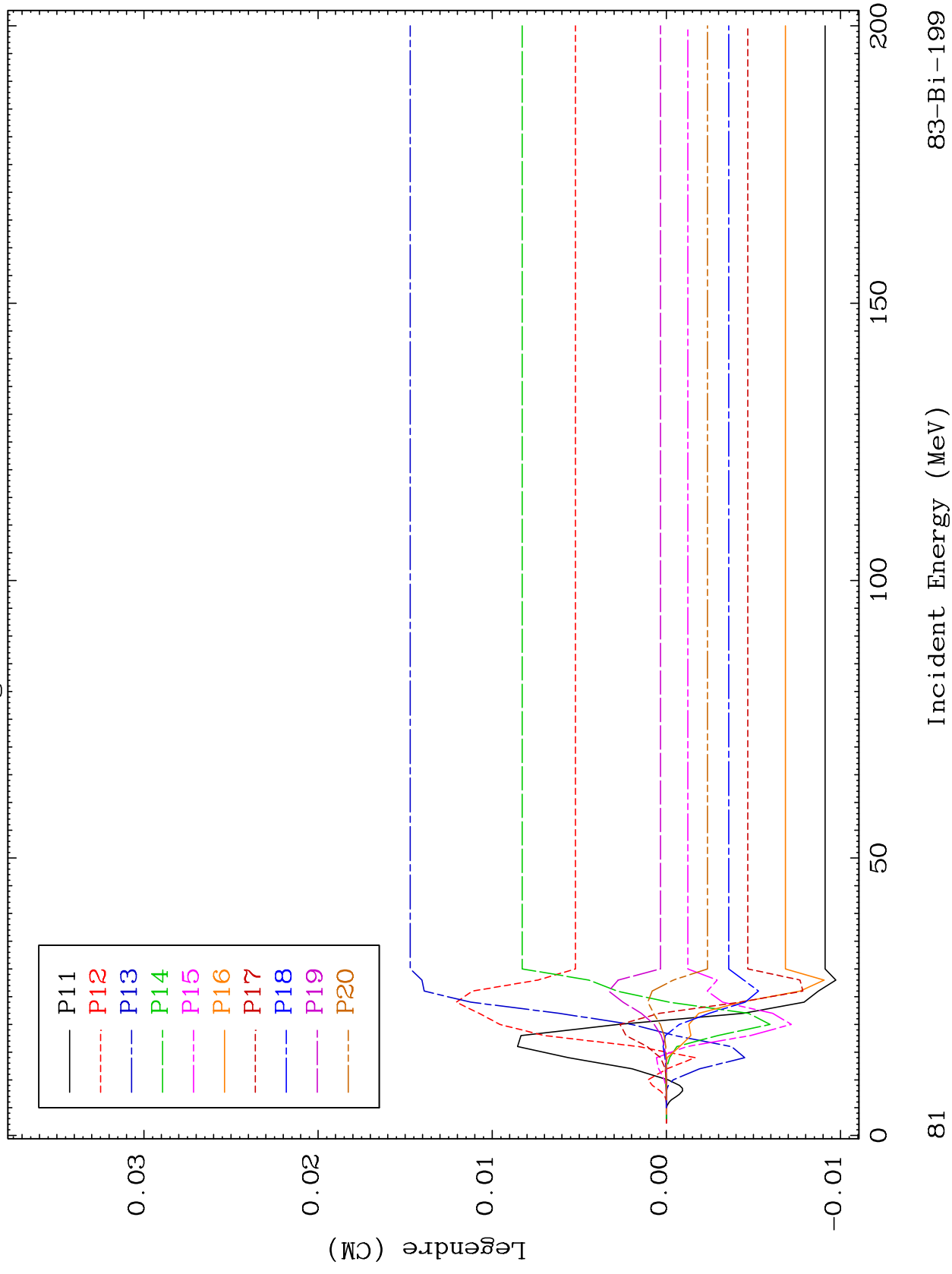
83-Bi-199

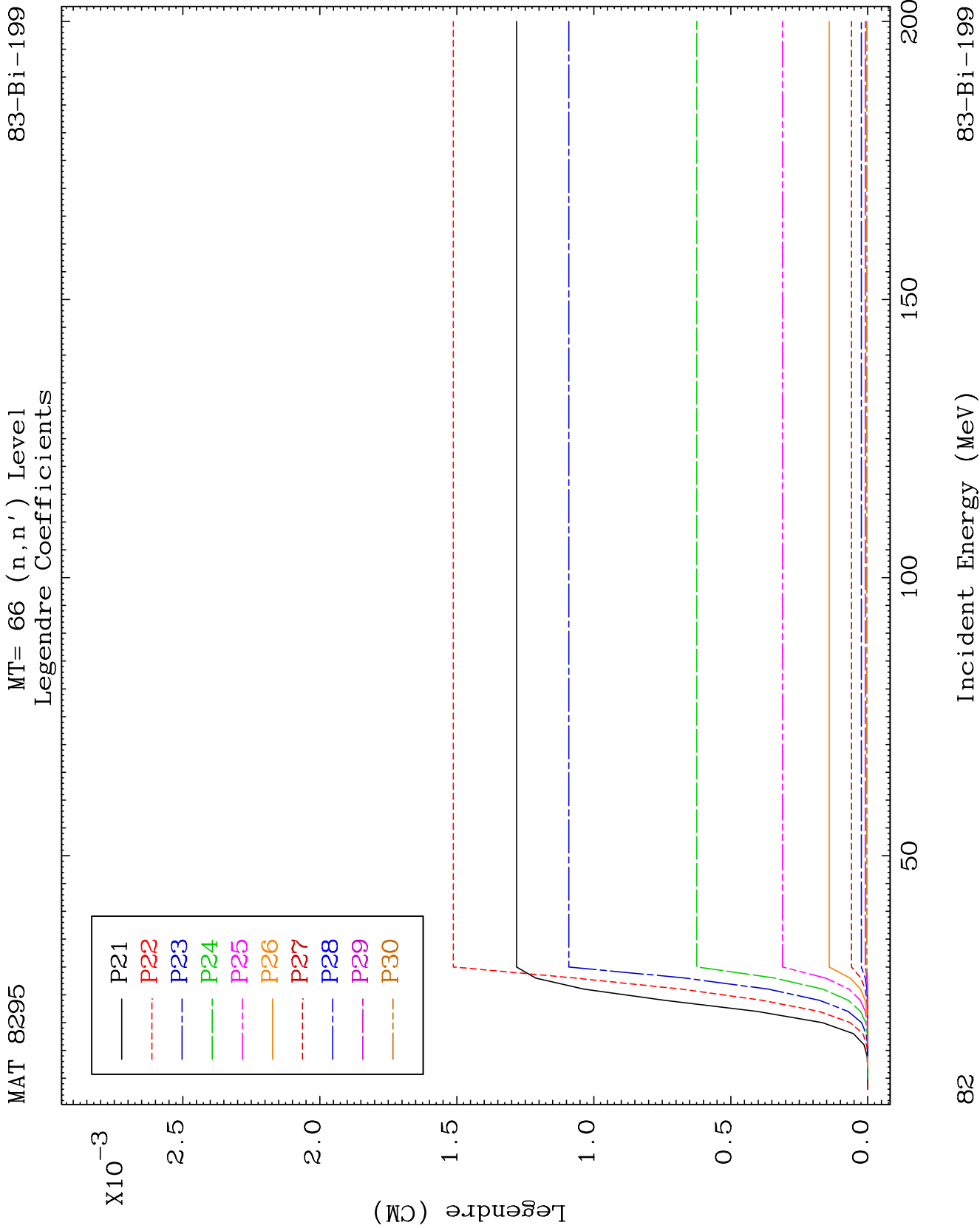


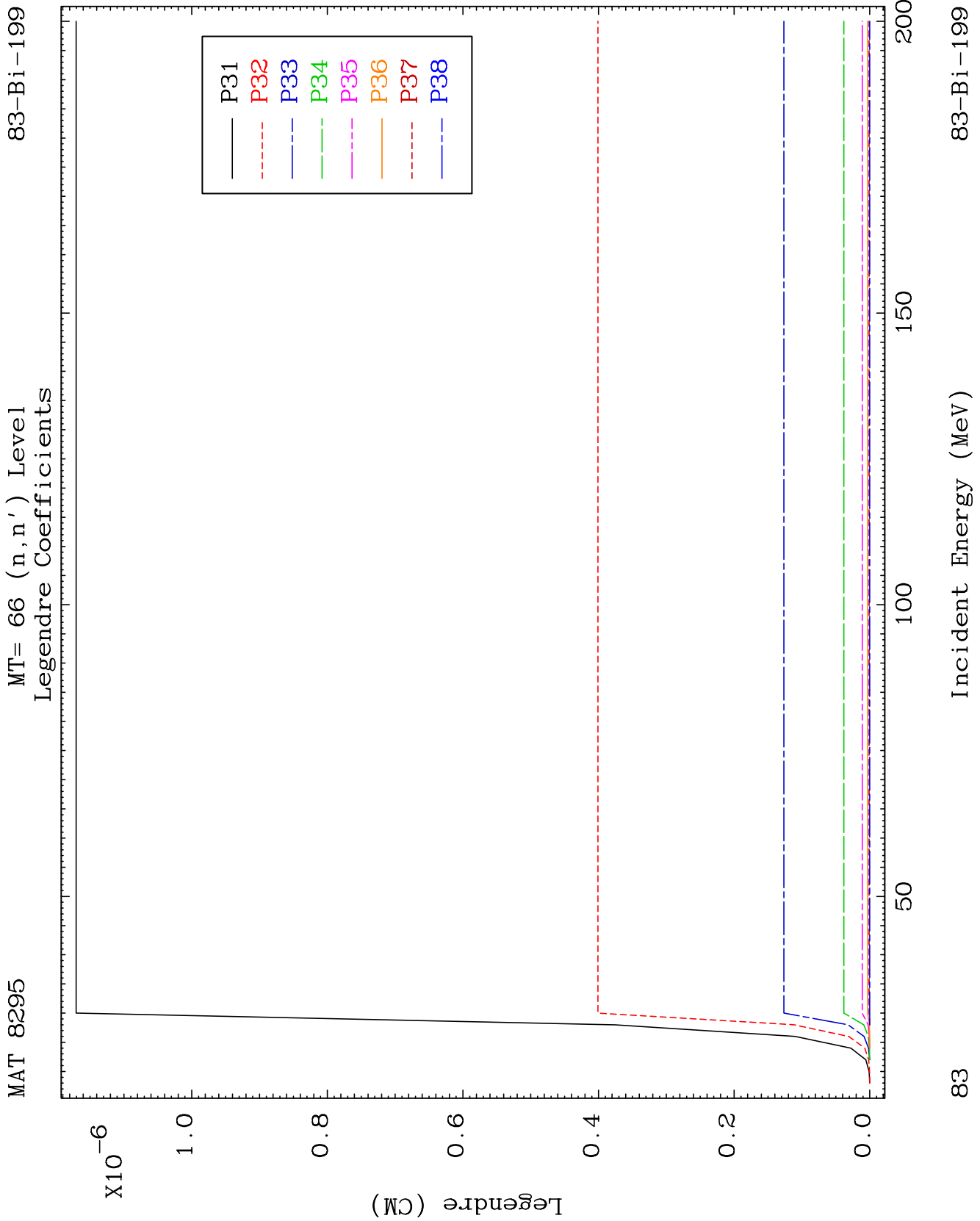
MAT 8295

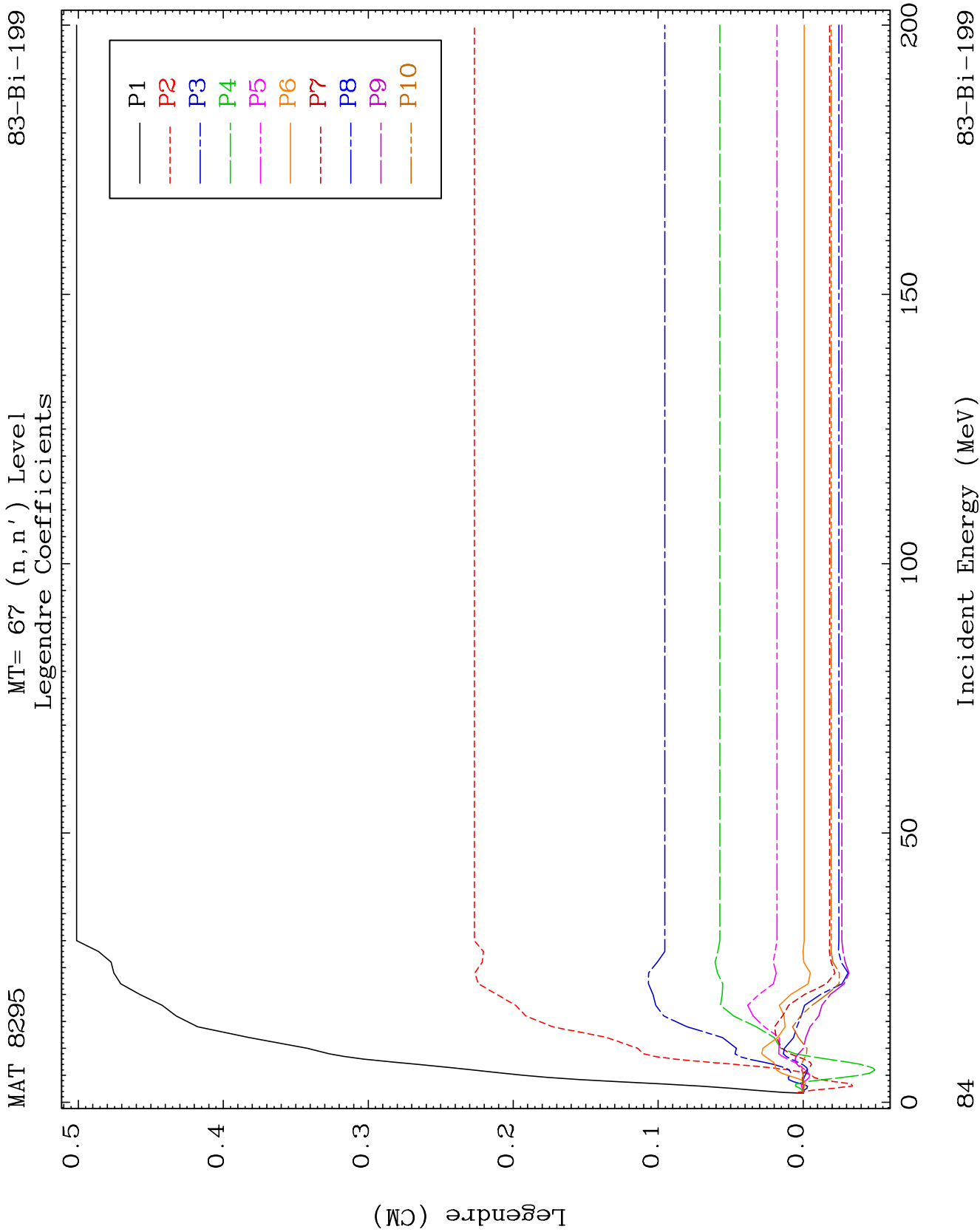
MT= 66 (n, n') Level
Legendre Coefficients

83-Bi-199





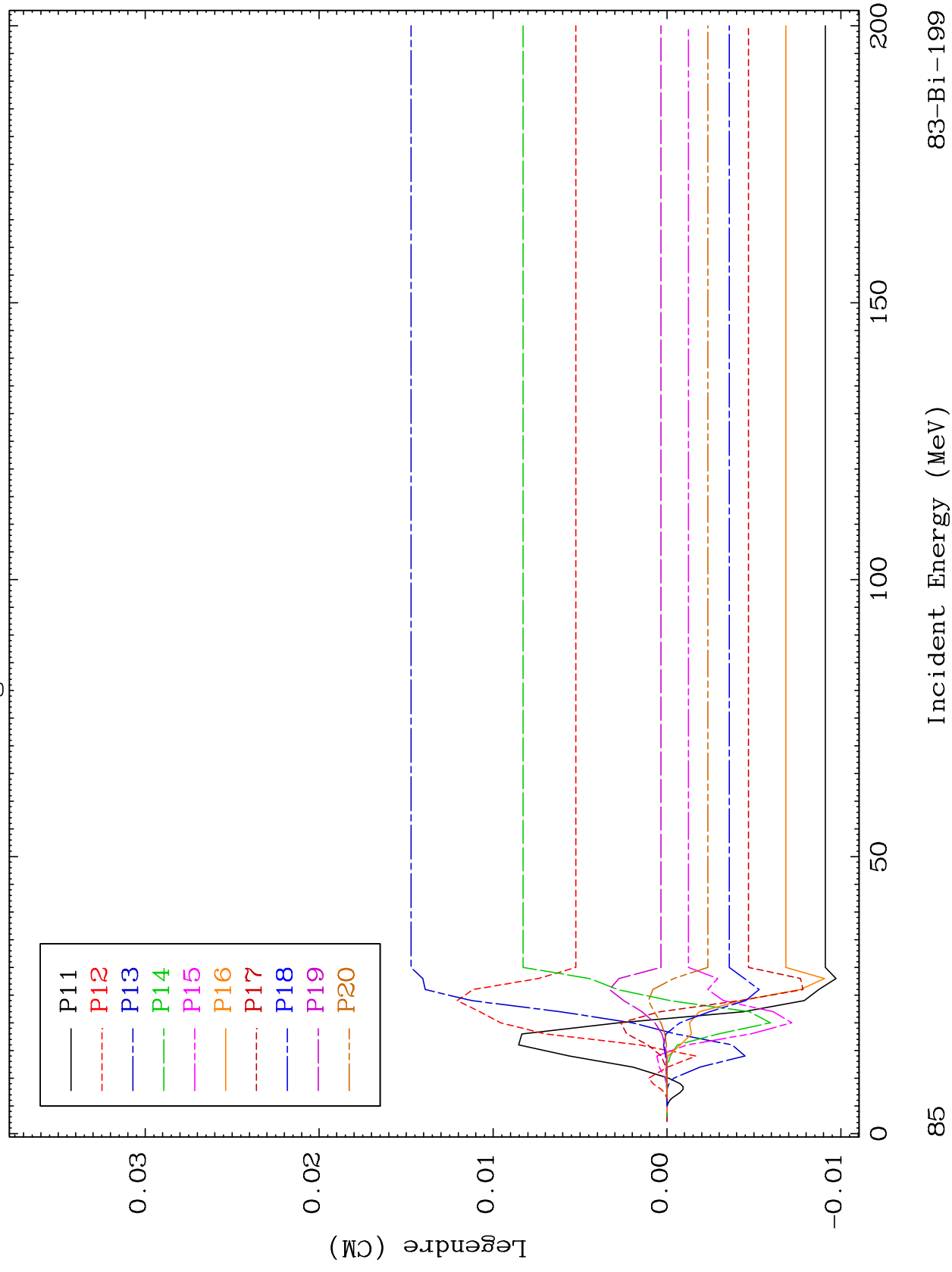


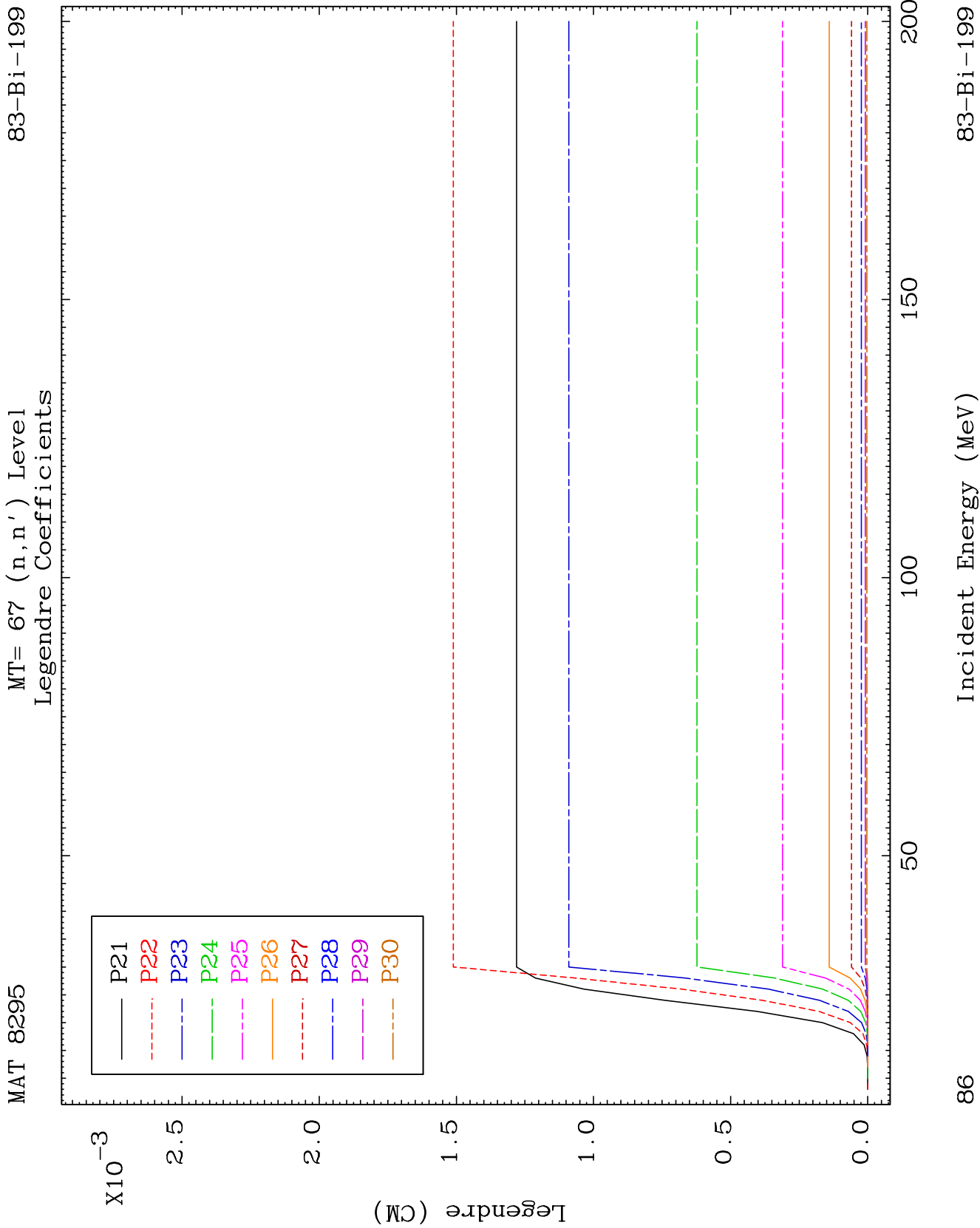


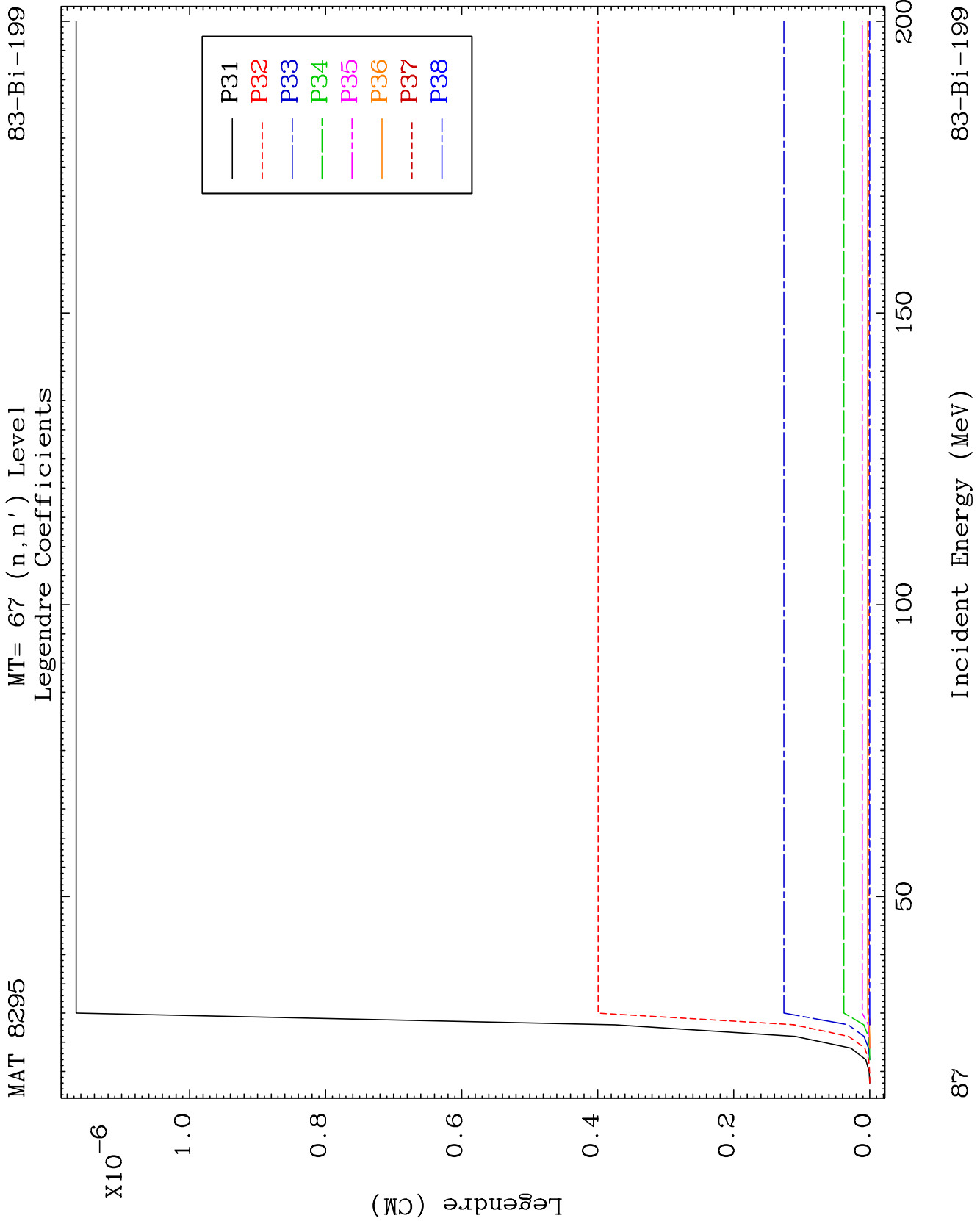
MAT 8295

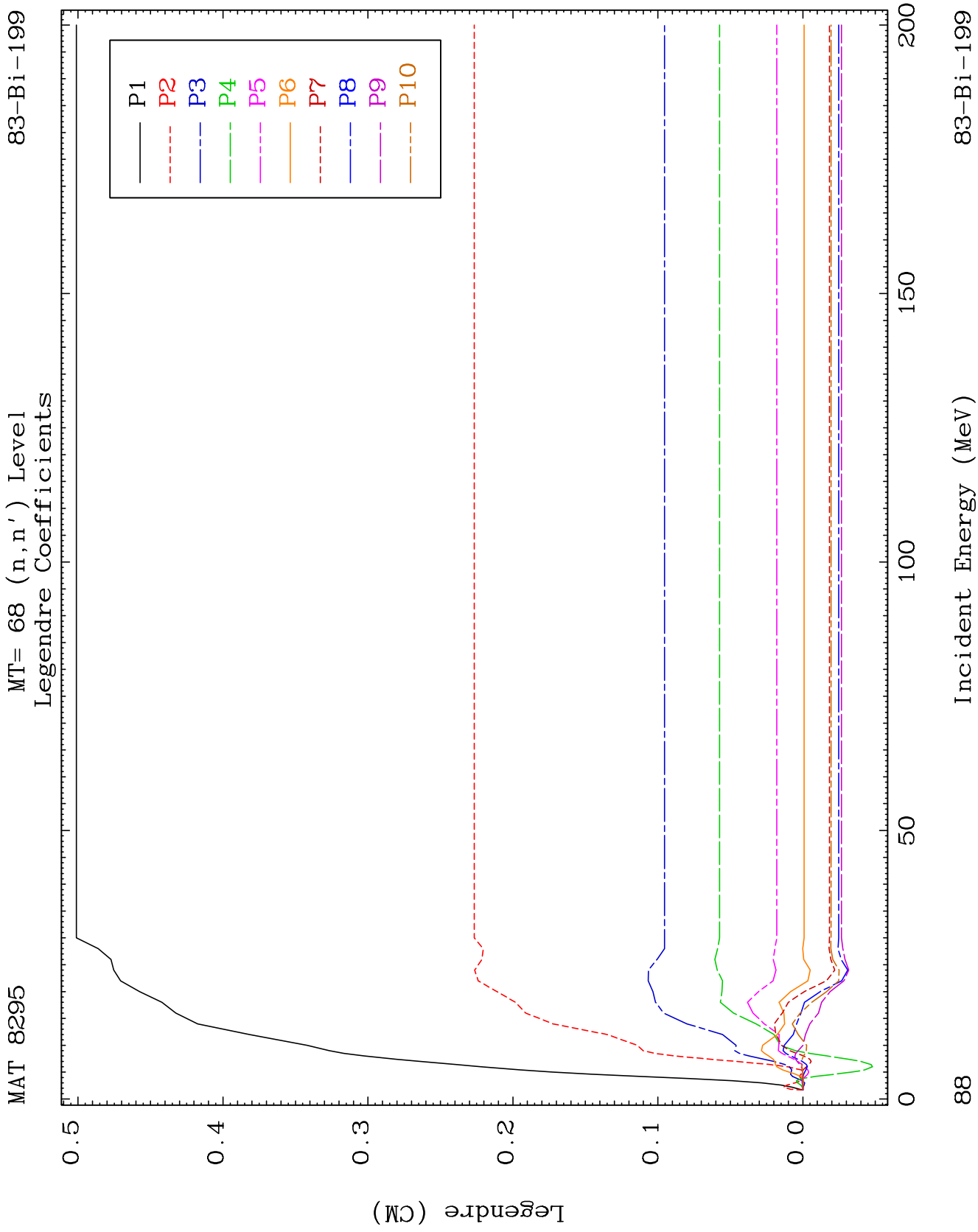
MT= 67 (n, n') Level
Legendre Coefficients

83-Bi-199





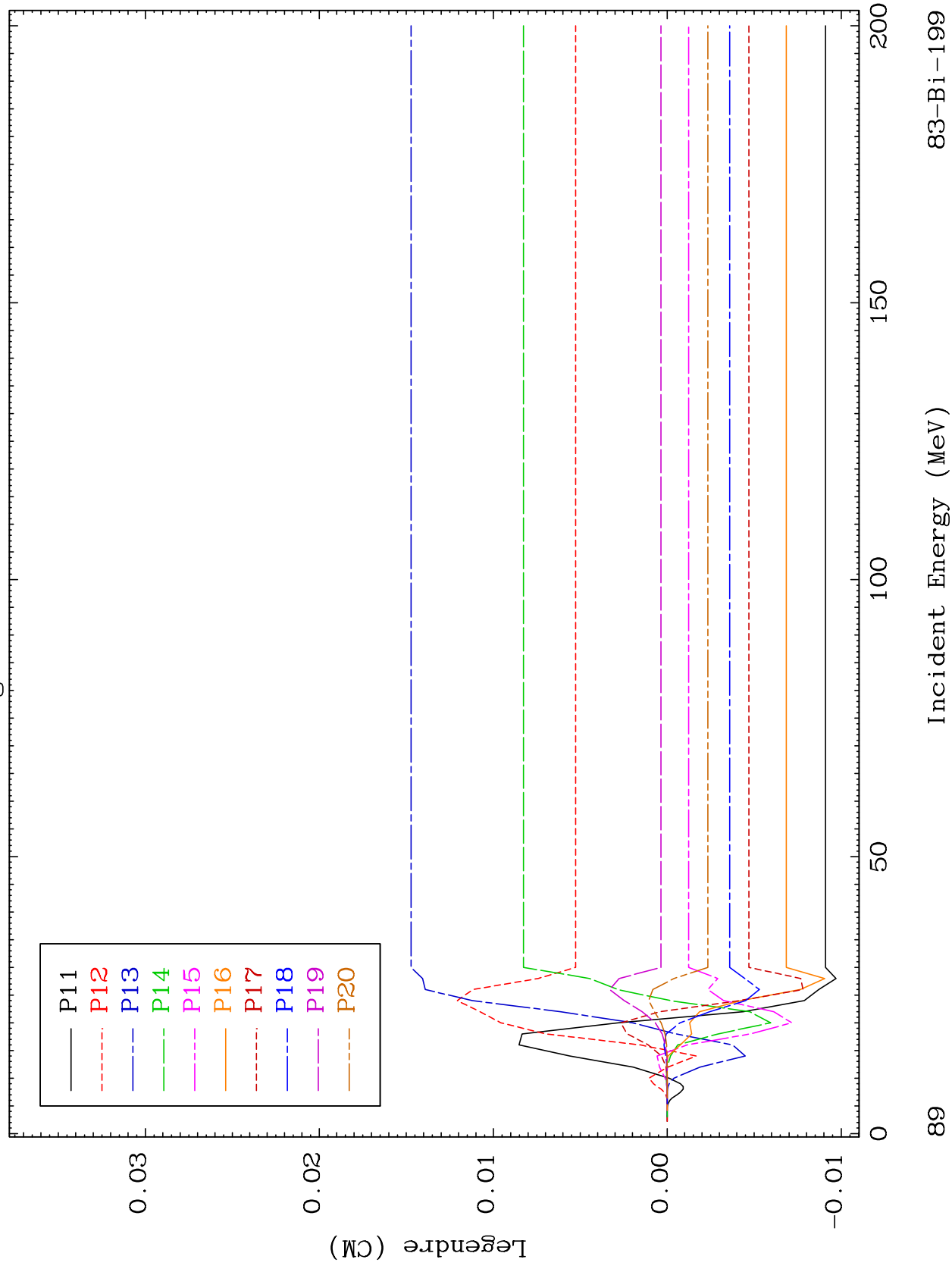




MAT 8295

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

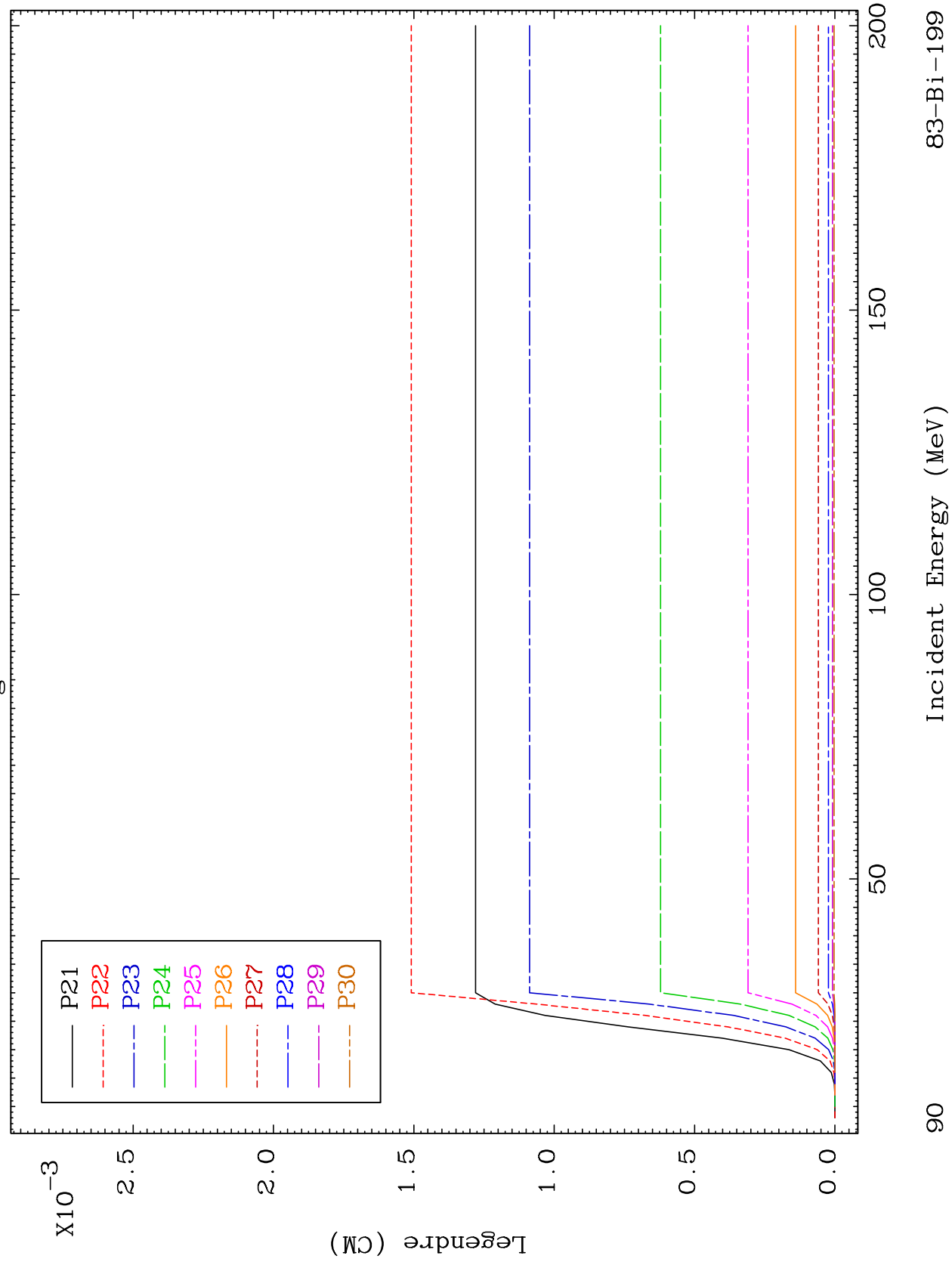
83-Bi-199

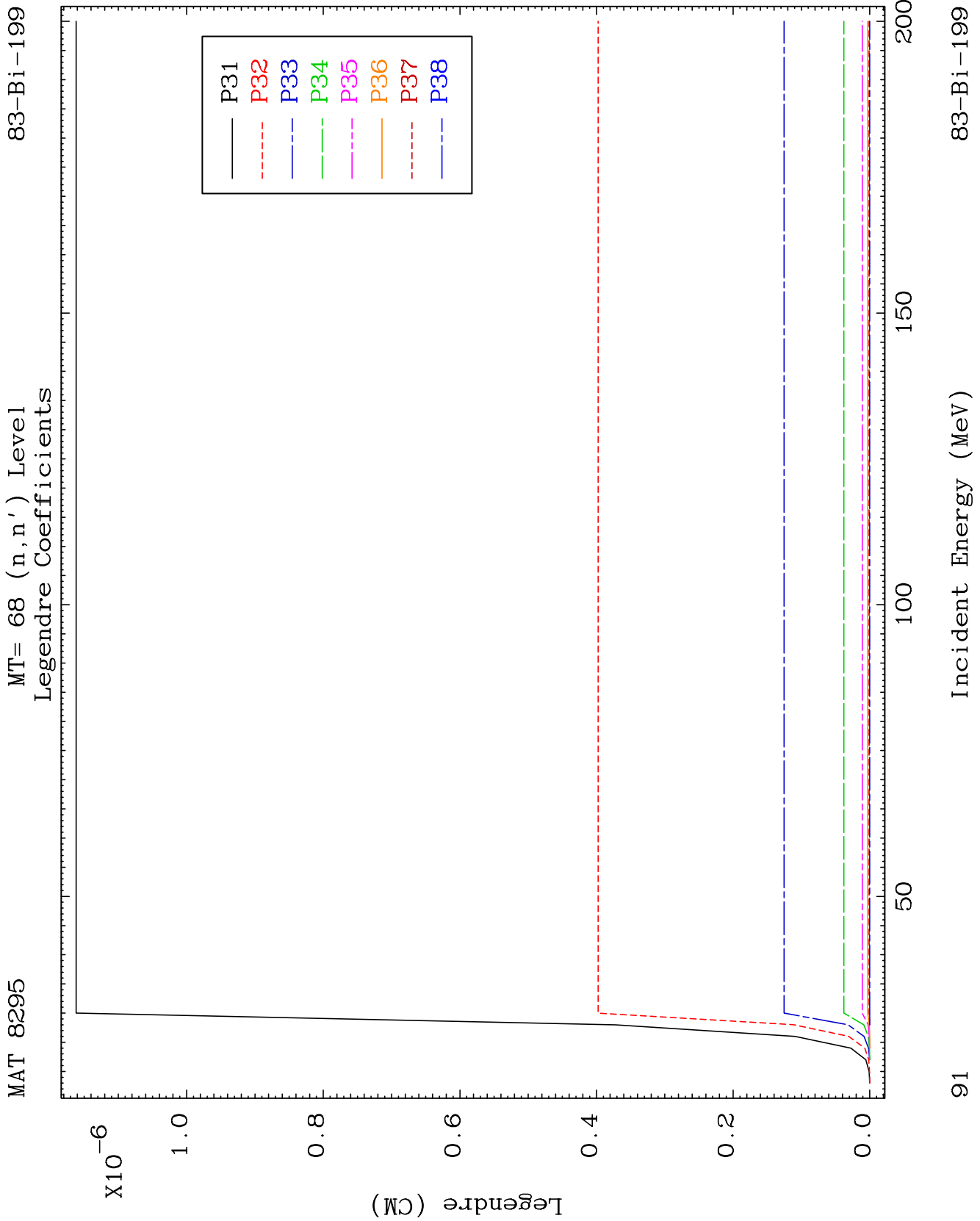


MAT 8295

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

83-Bi-199

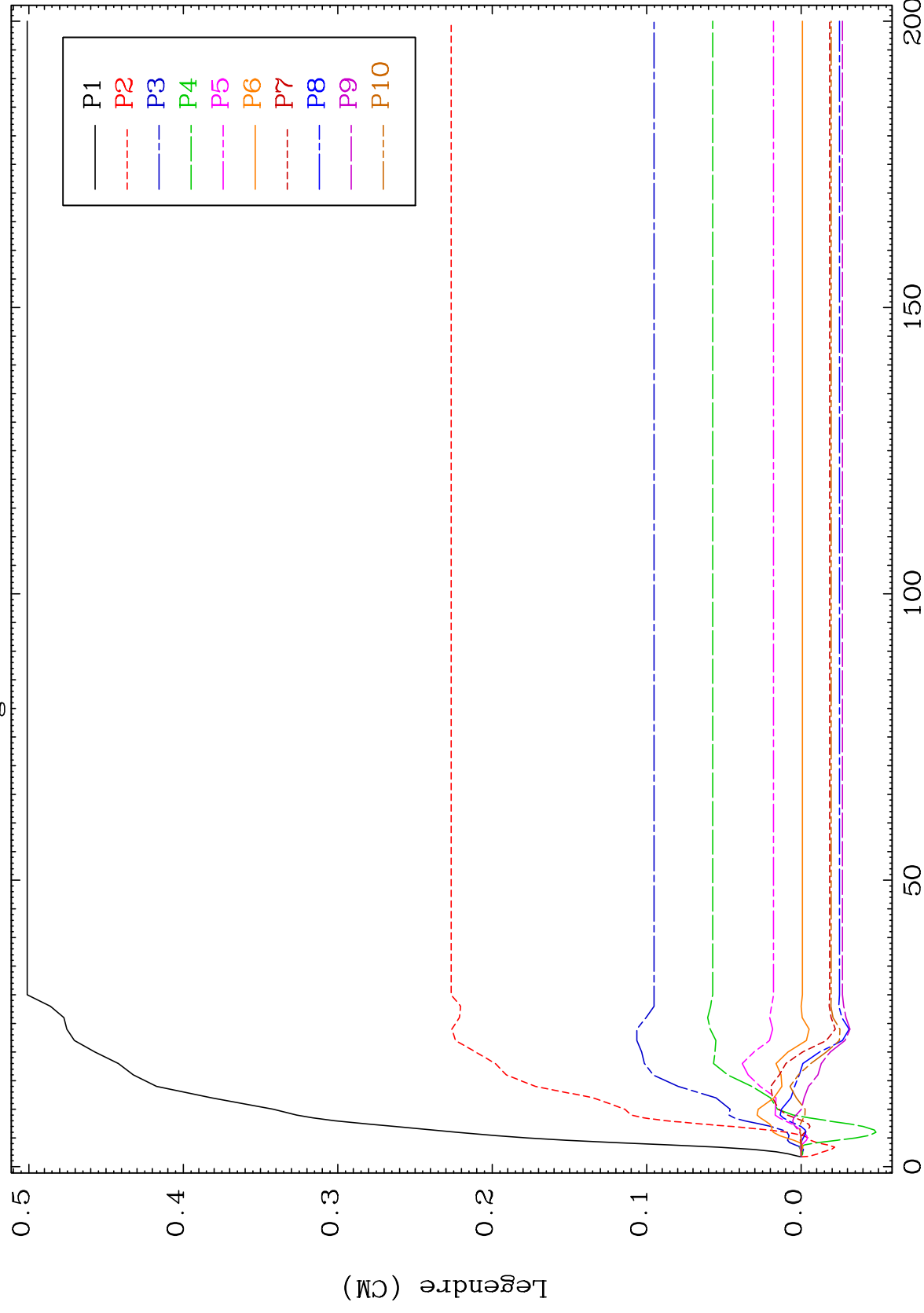




MAT 8295

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

83-Bi-199



29

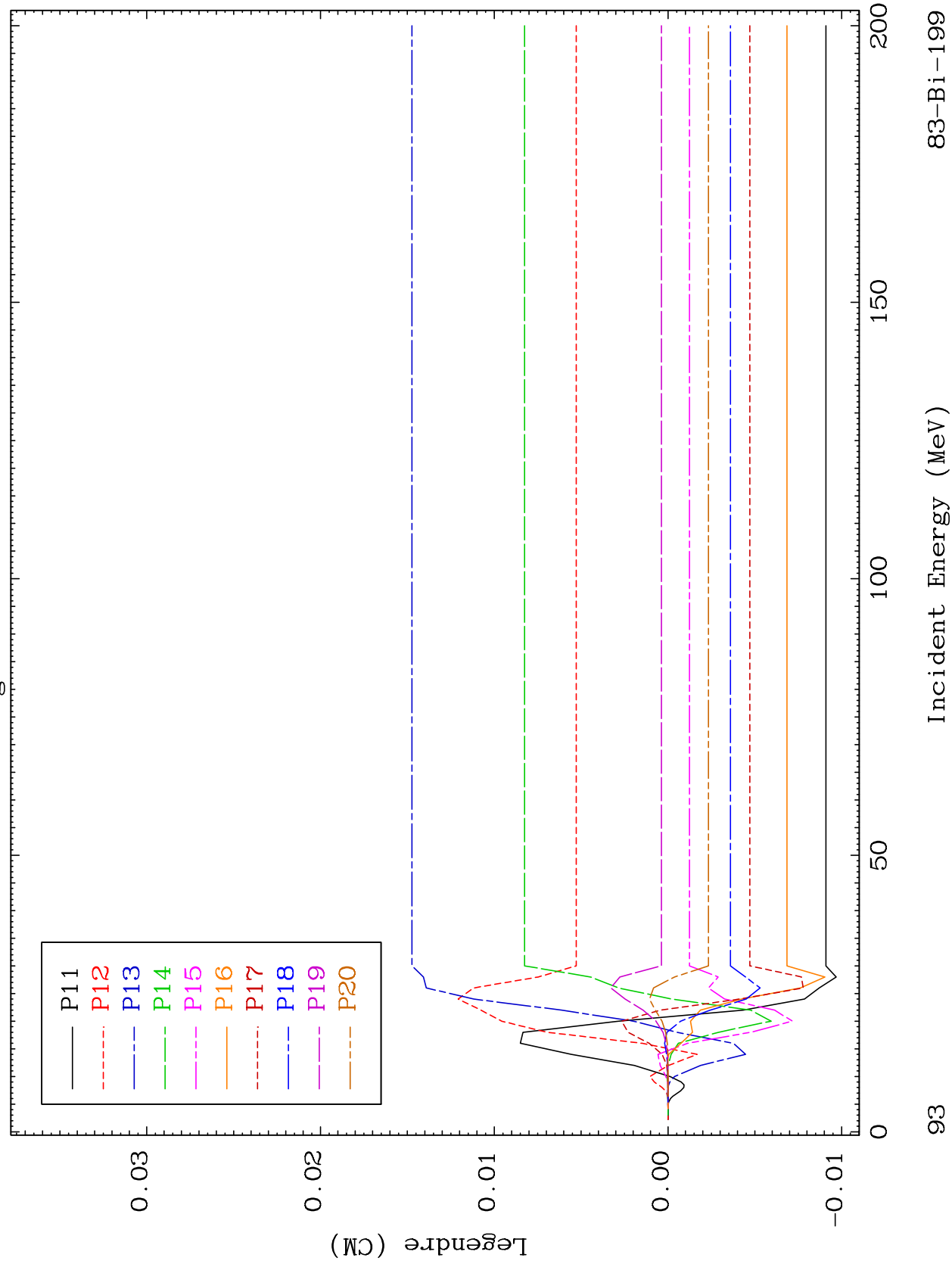
Incident Energy (MeV)

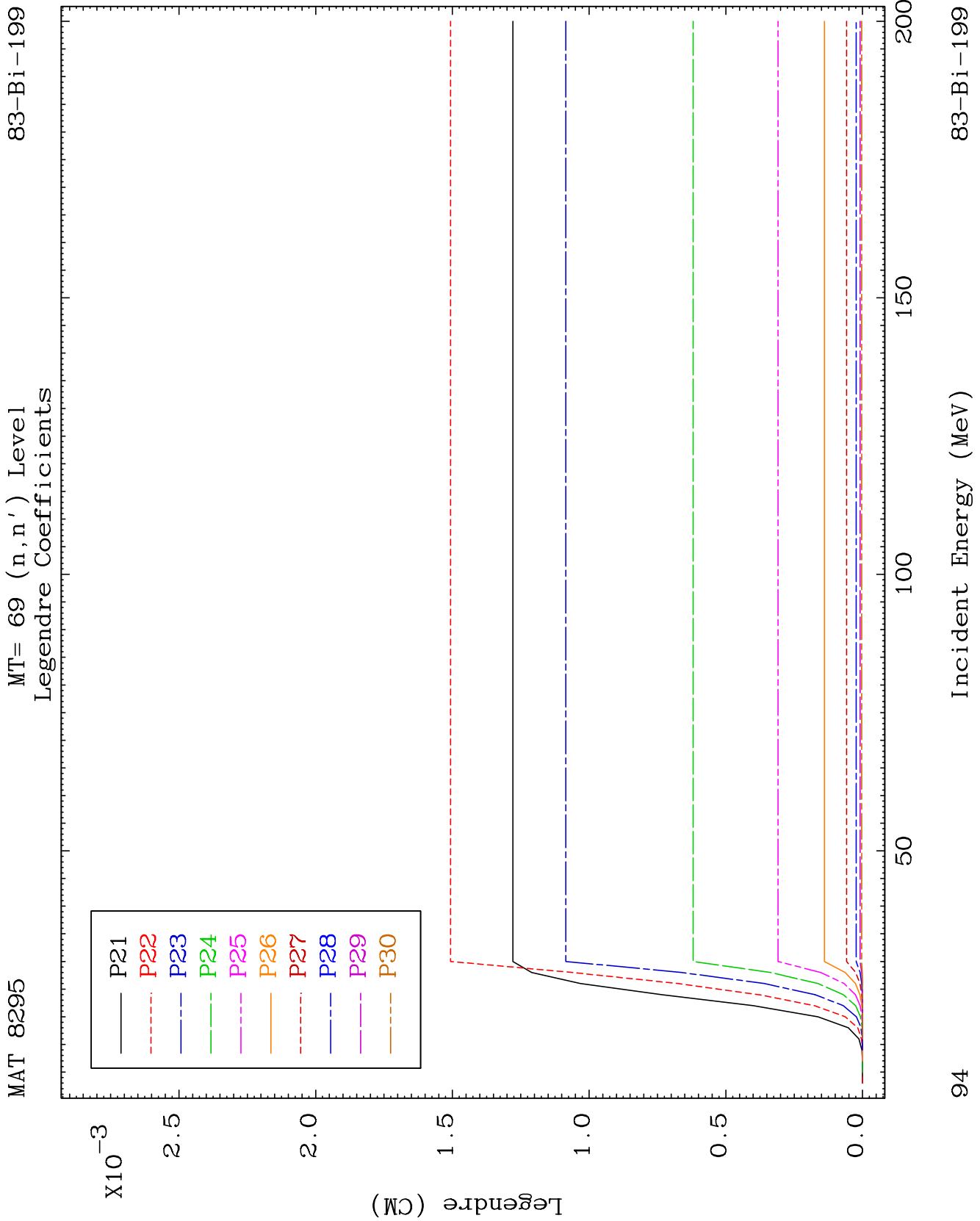
83-Bi-199

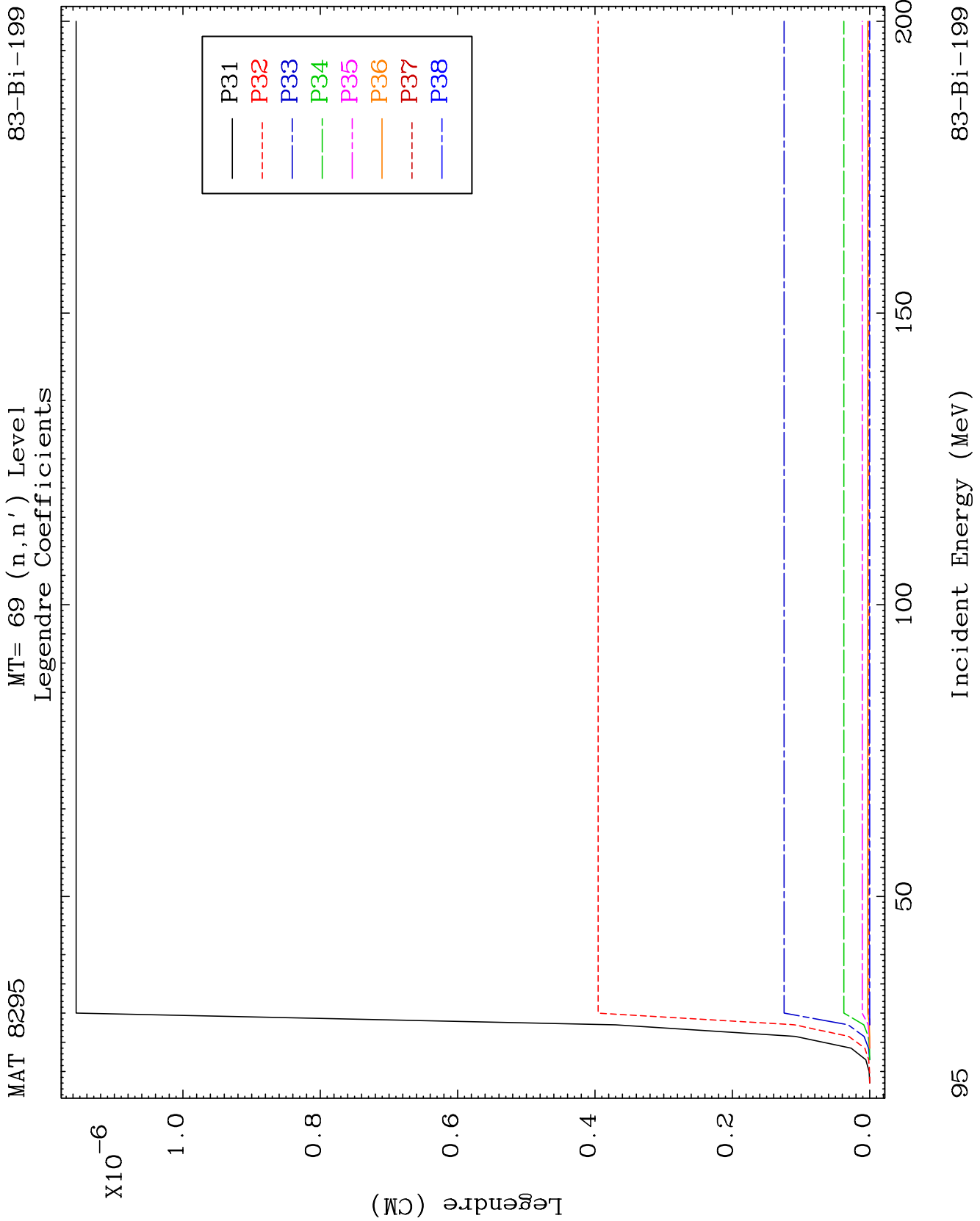
MAT 8295

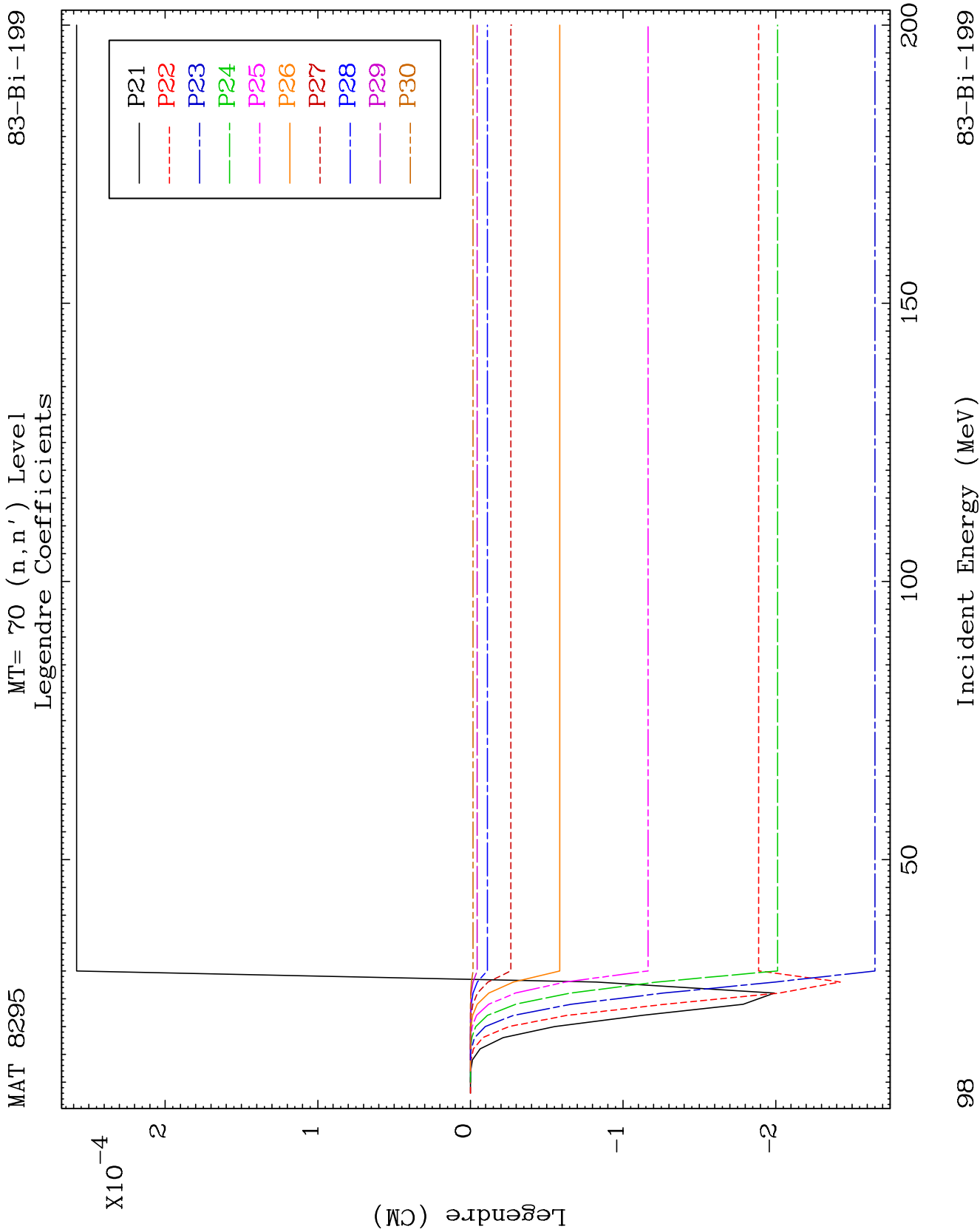
MT= 69 (n, n') Level
Legendre Coefficients

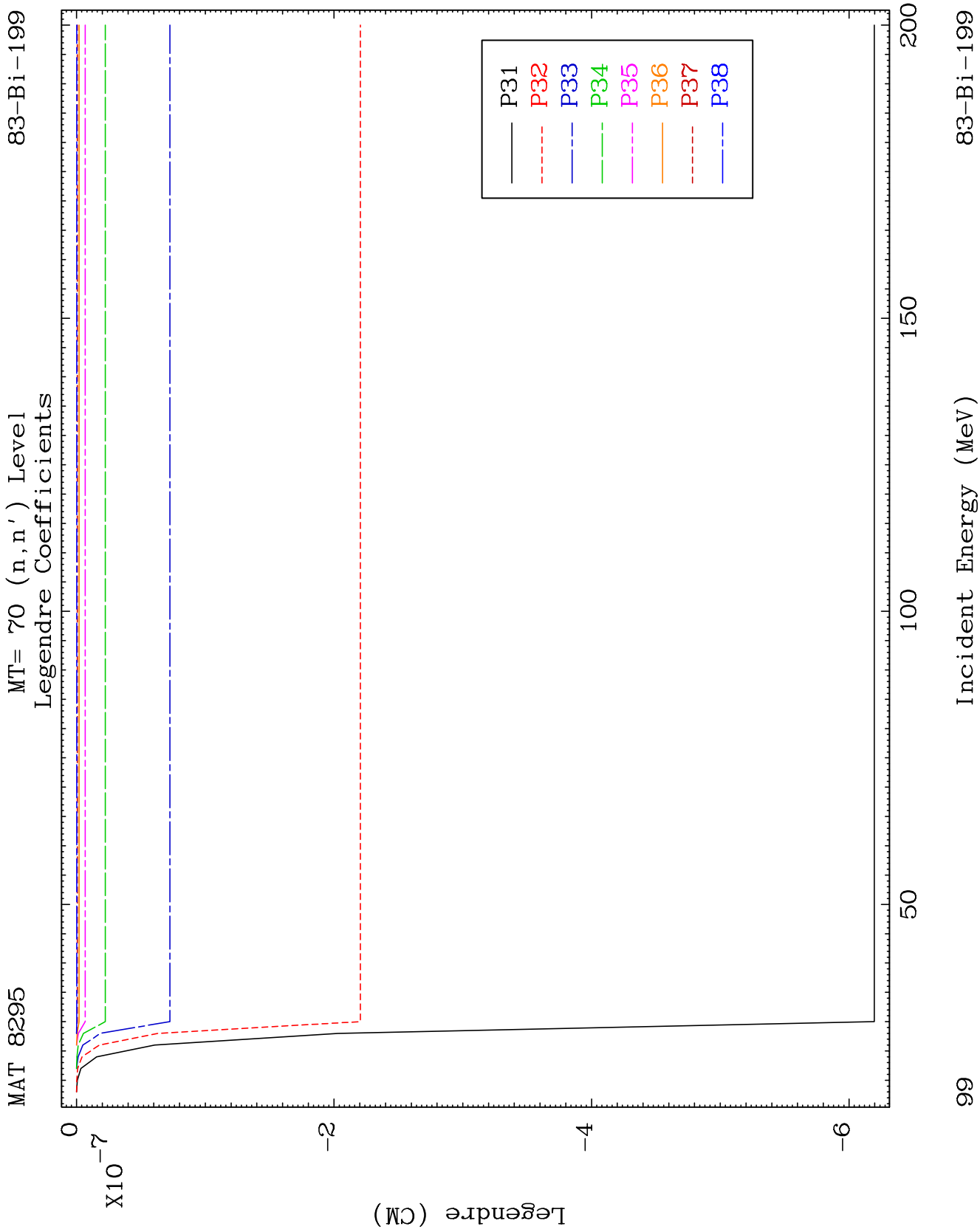
83-Bi-199







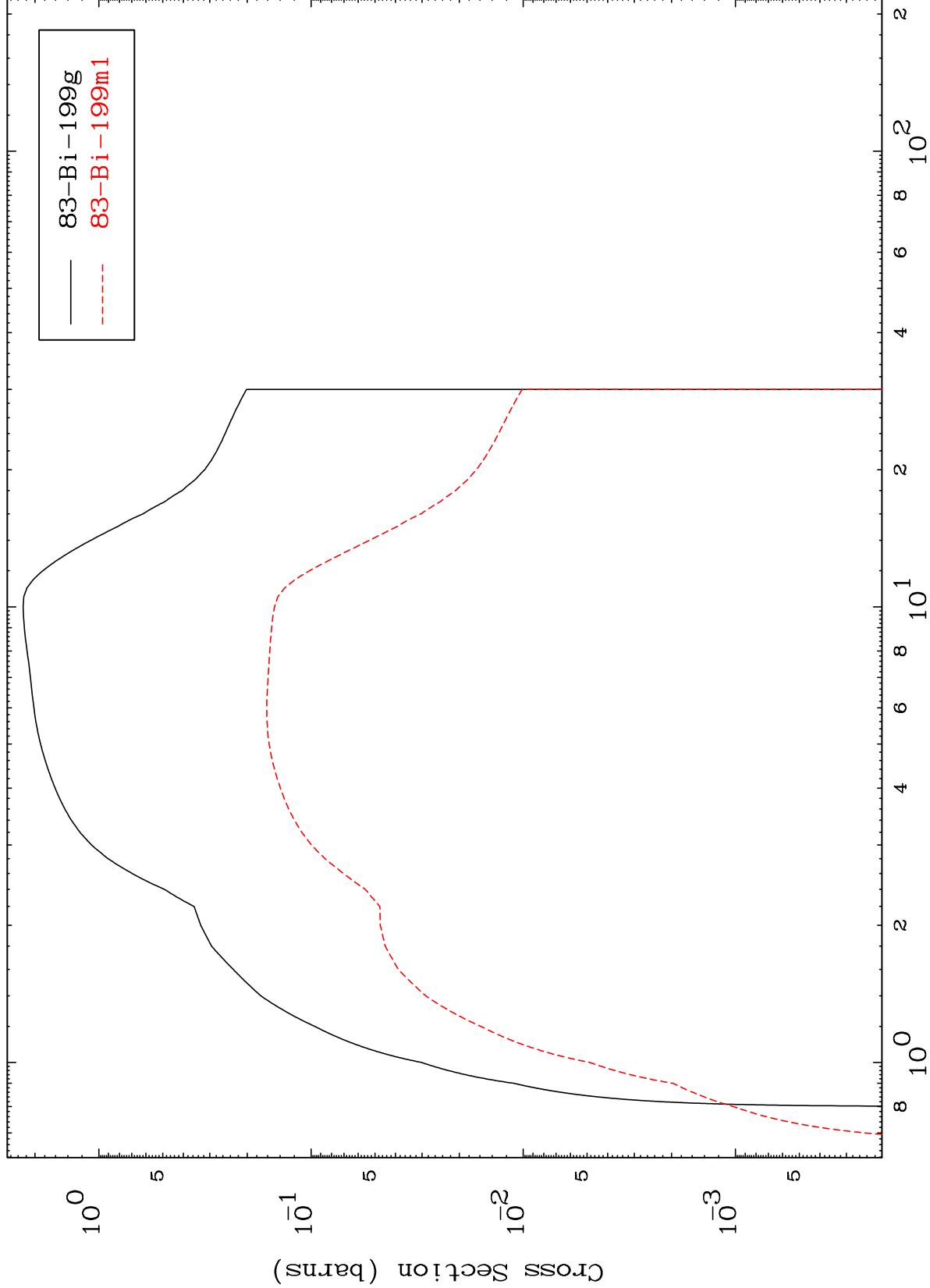




MAT 8295

83-Bi-199

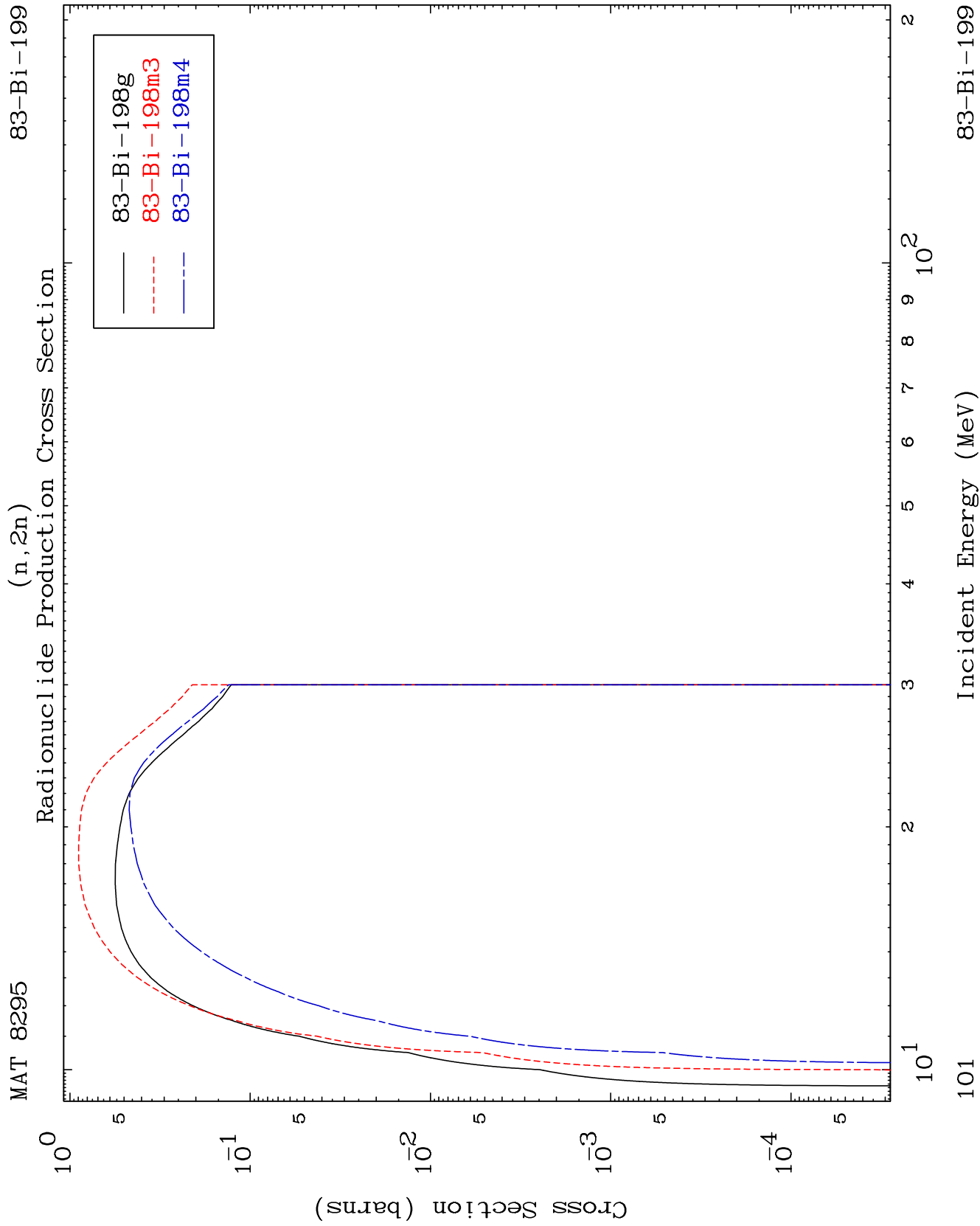
Inelastic
Radionuclide Production Cross Section

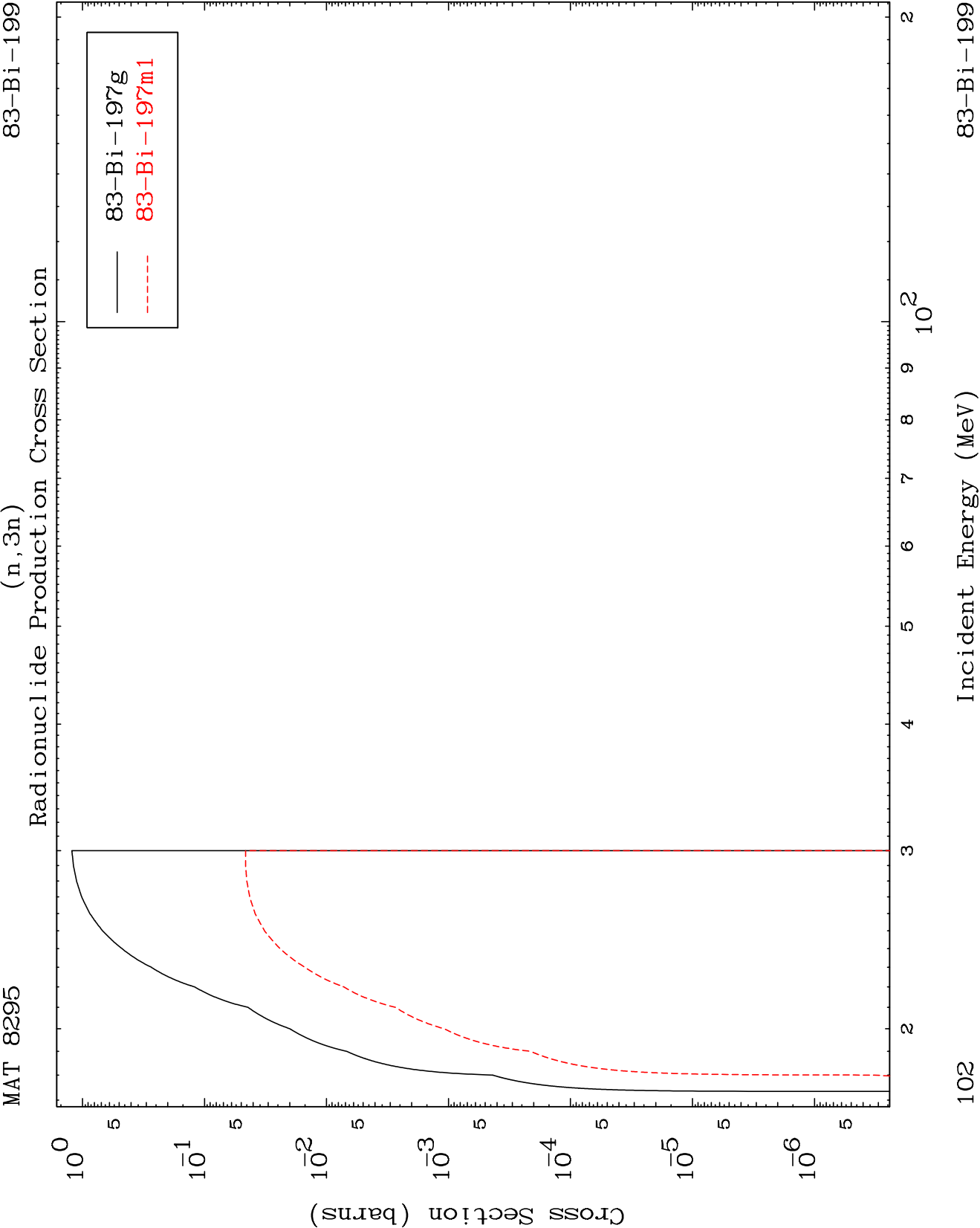


83-Bi-199

Incident Energy (MeV)

100



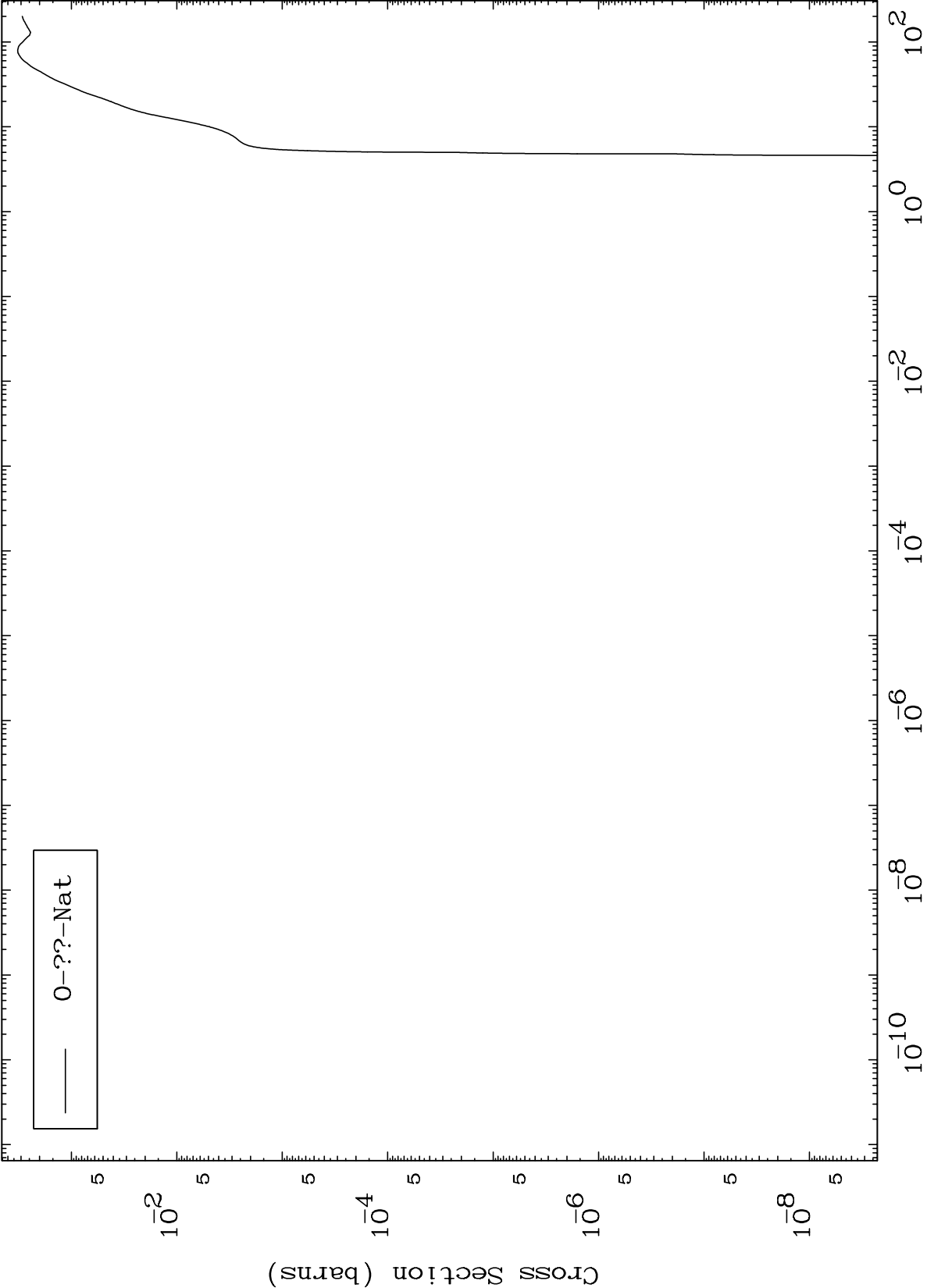


MAT 8295

Fission

83-Bi-199

Radionuclide Production Cross Section

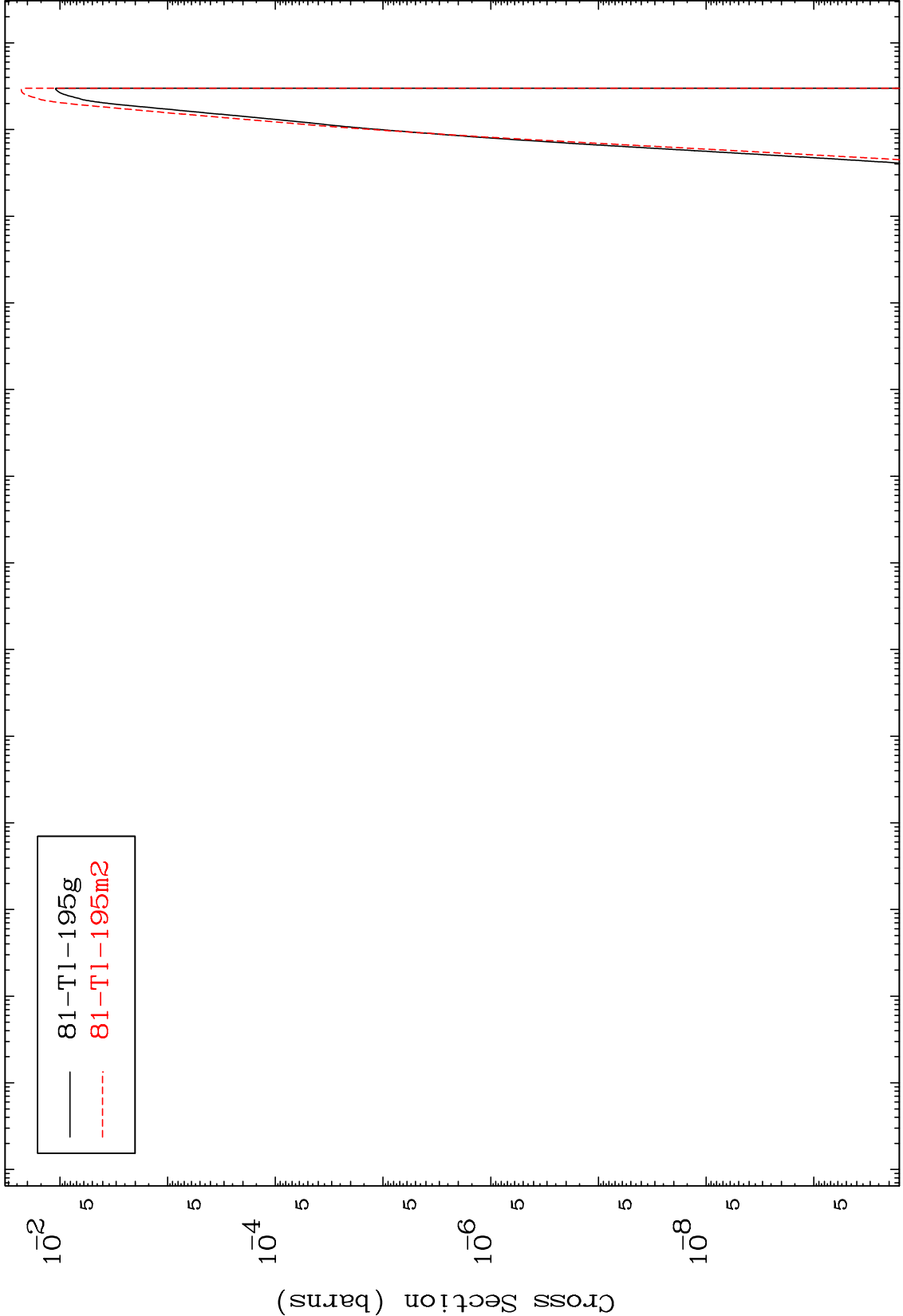


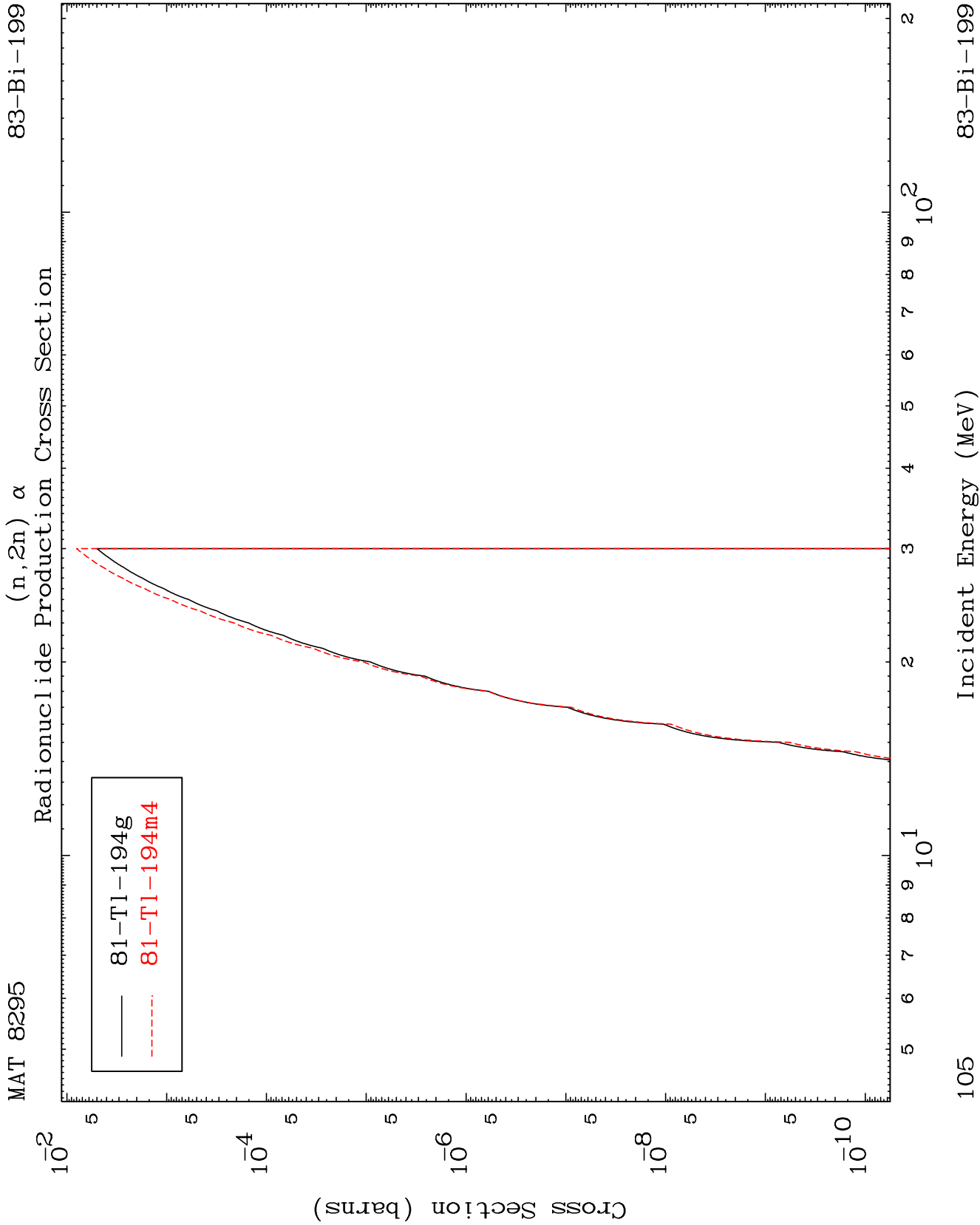
103

Incident Energy (MeV)

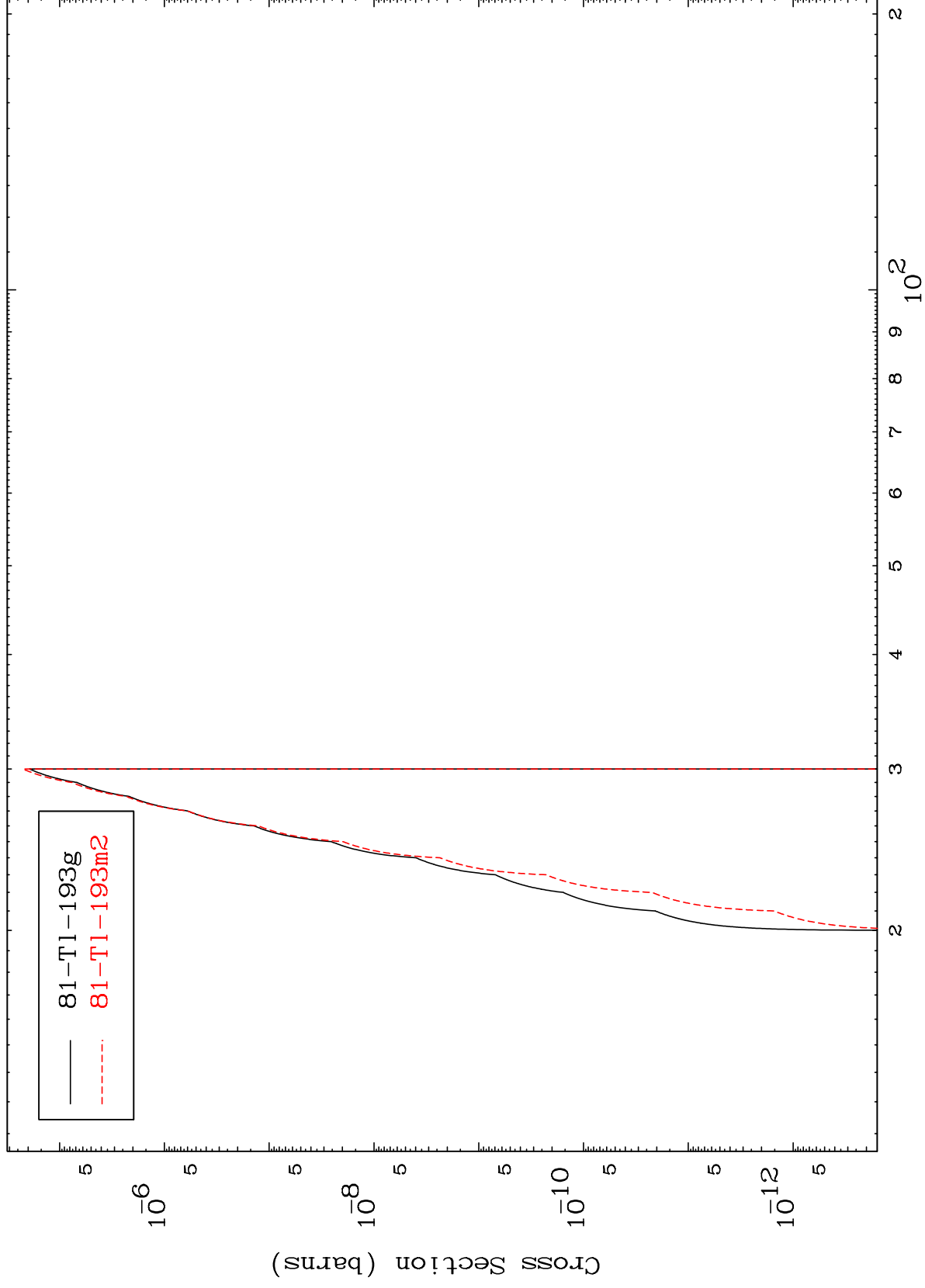
83-Bi-199

Radionuclide Production Cross Section

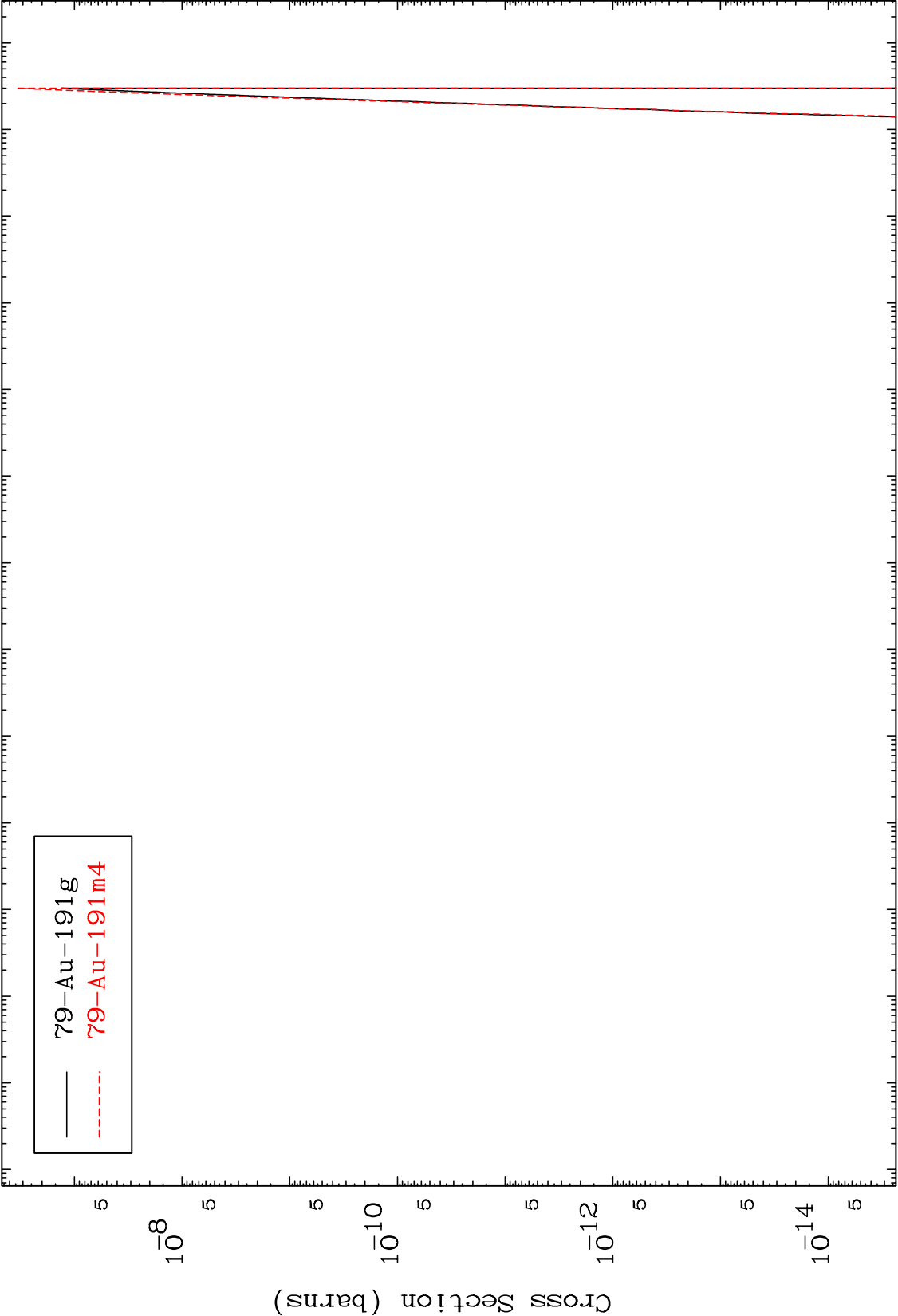


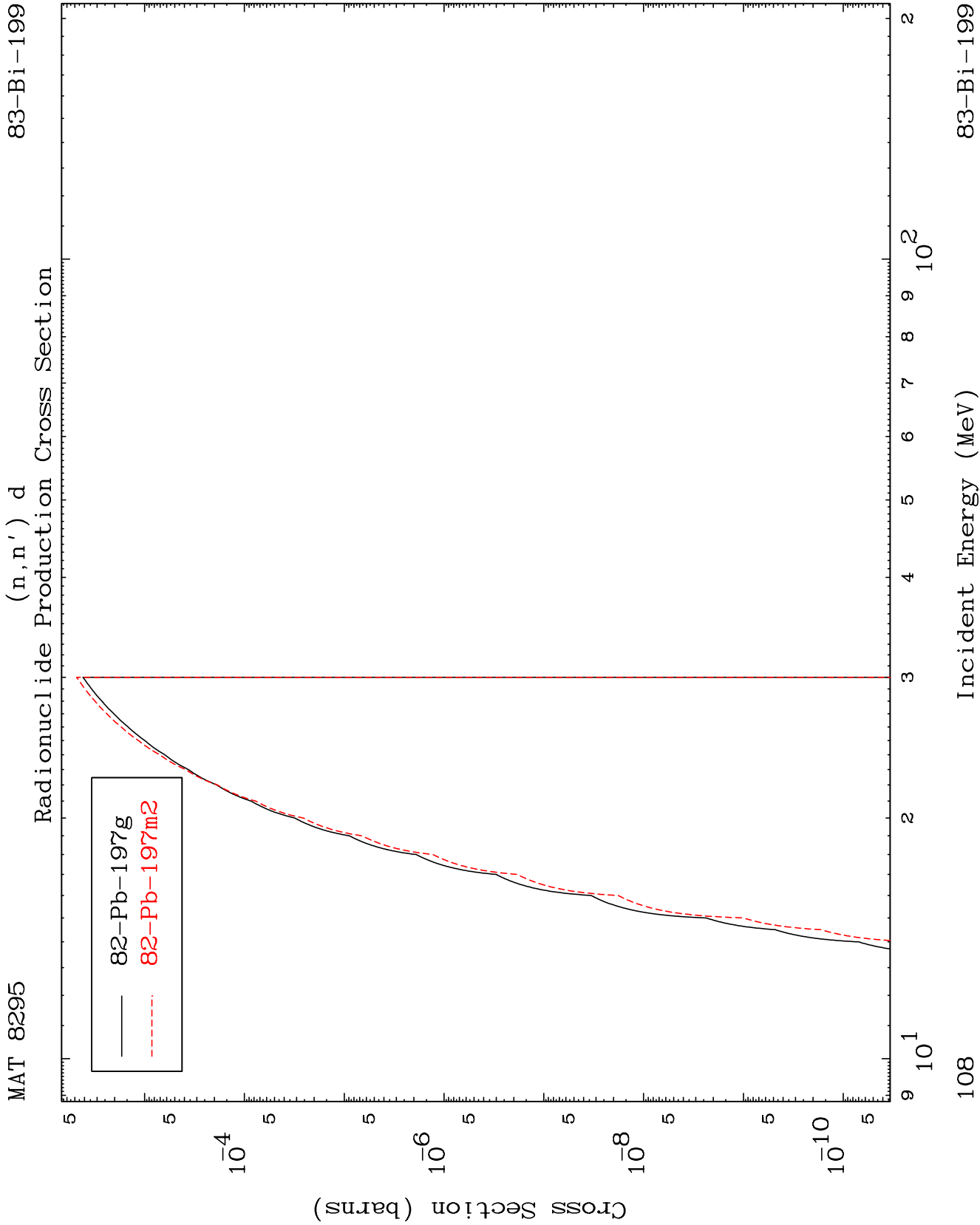


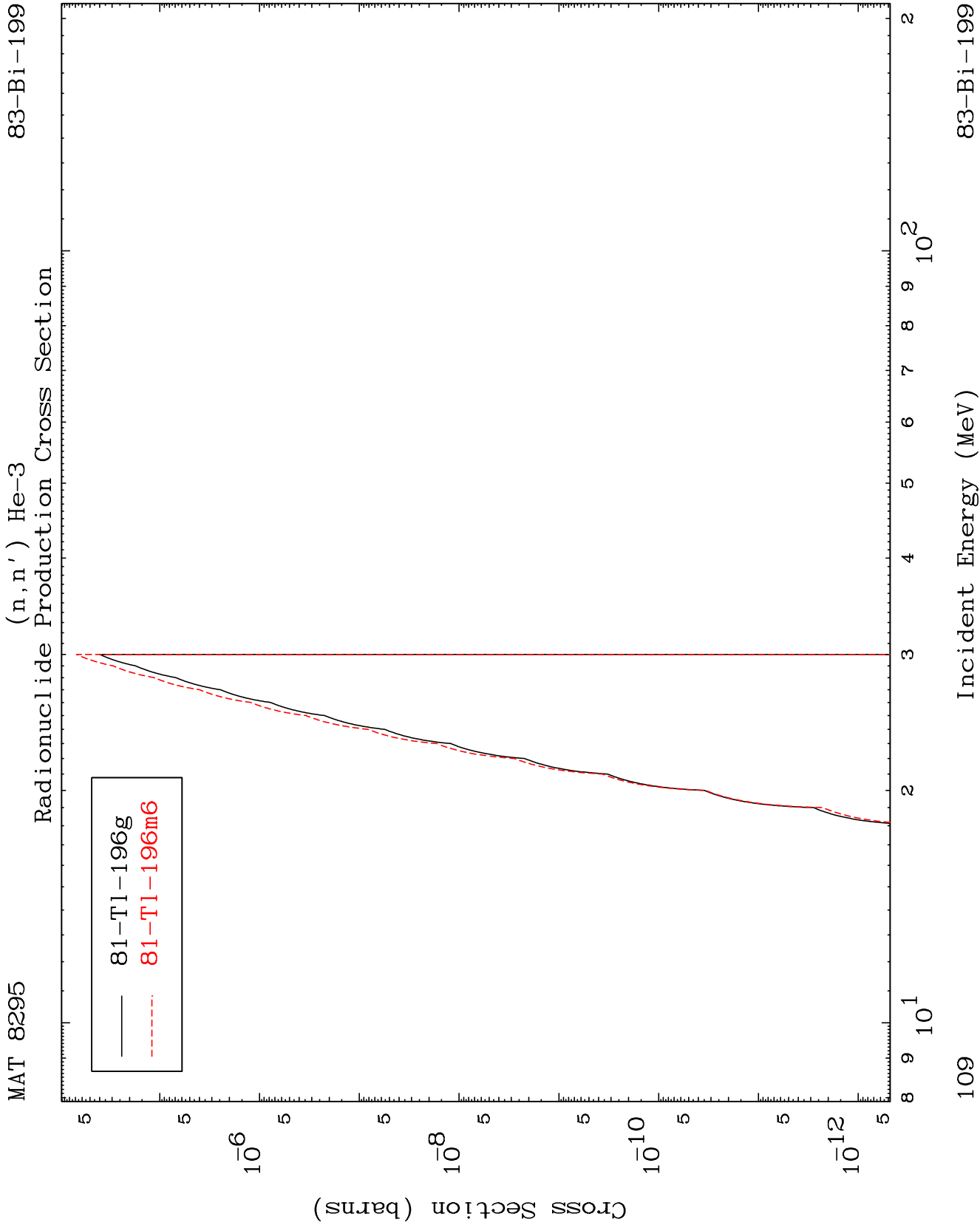
Radionuclide Production Cross Section
(n,3n) α

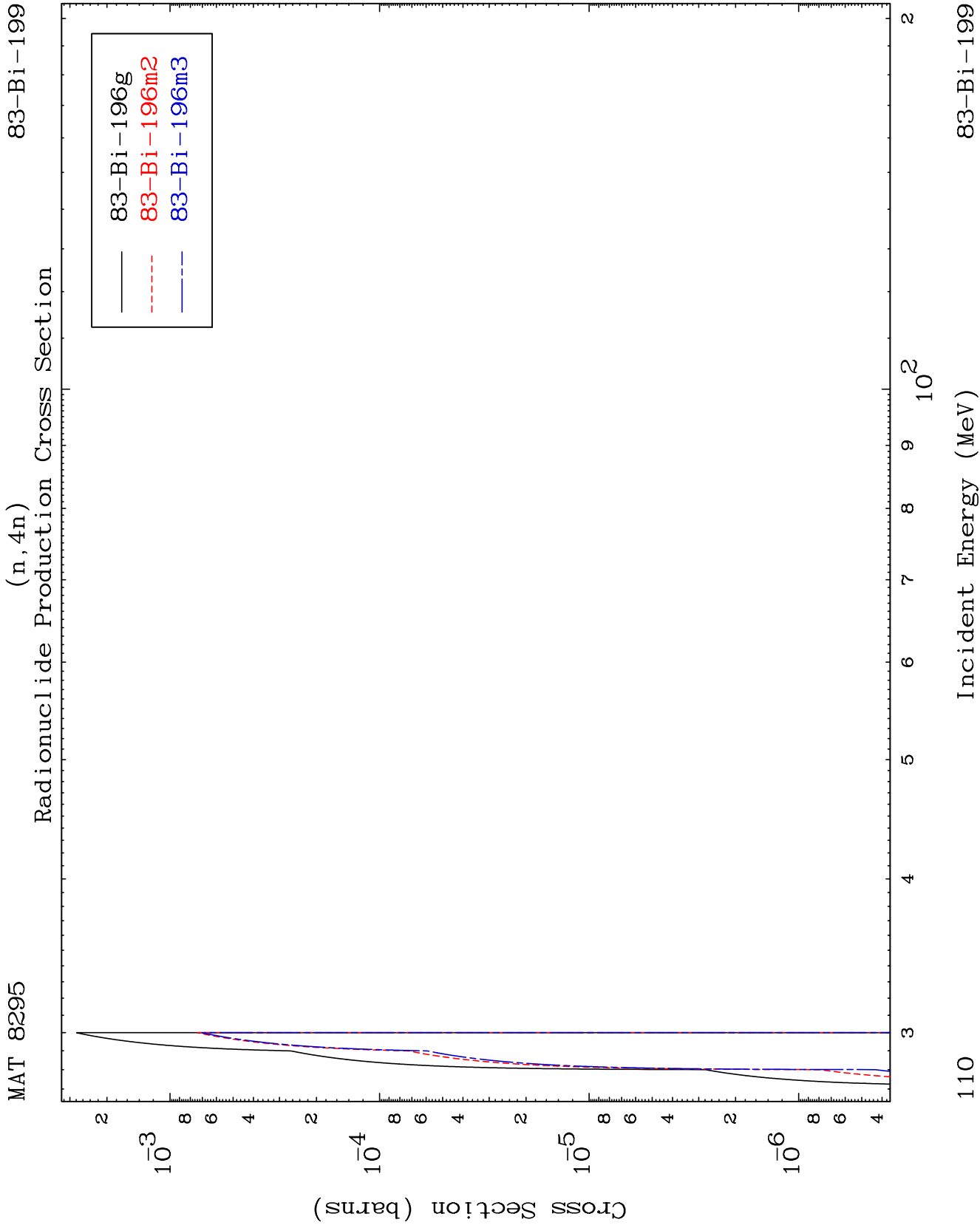


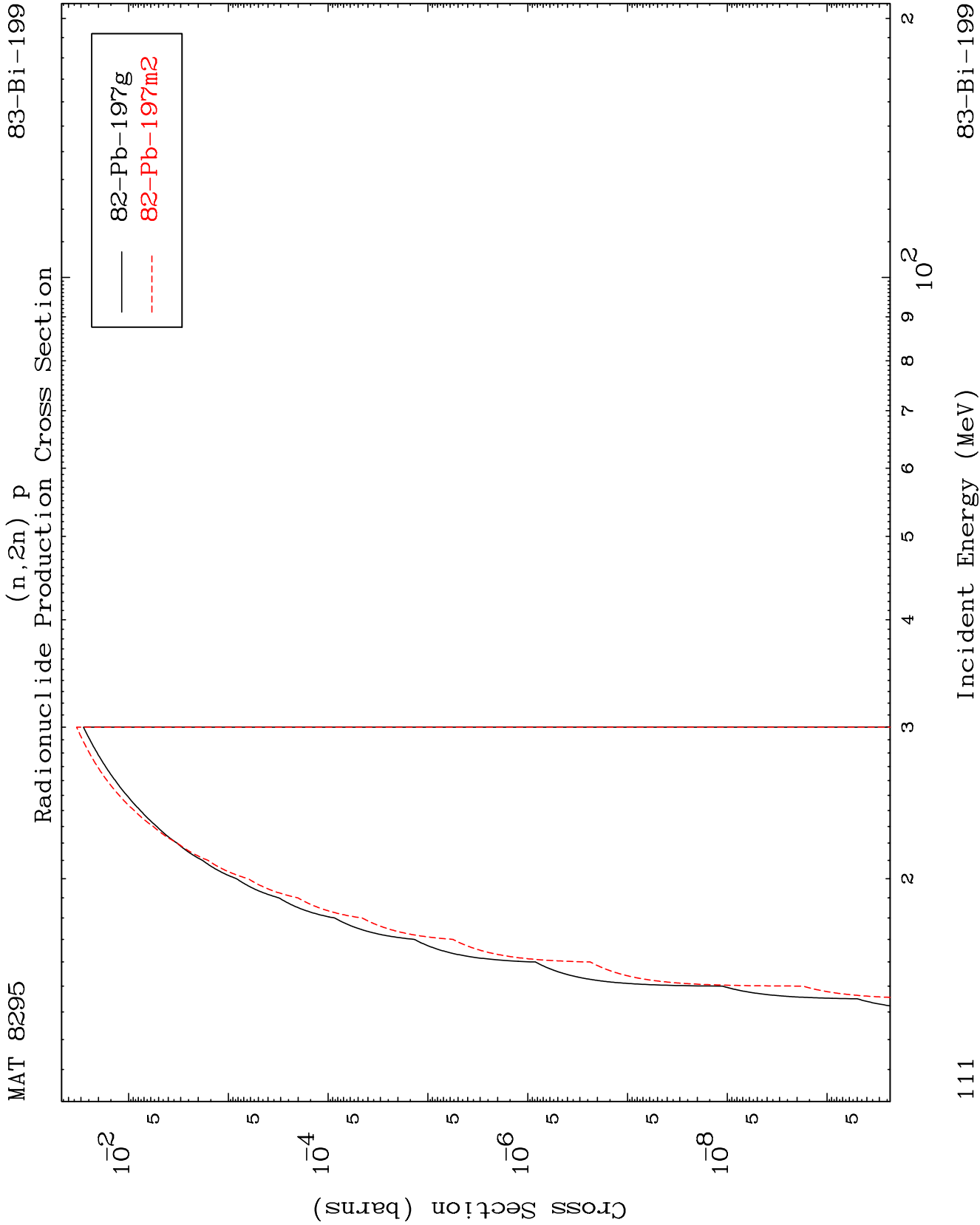
Radionuclide Production Cross Section







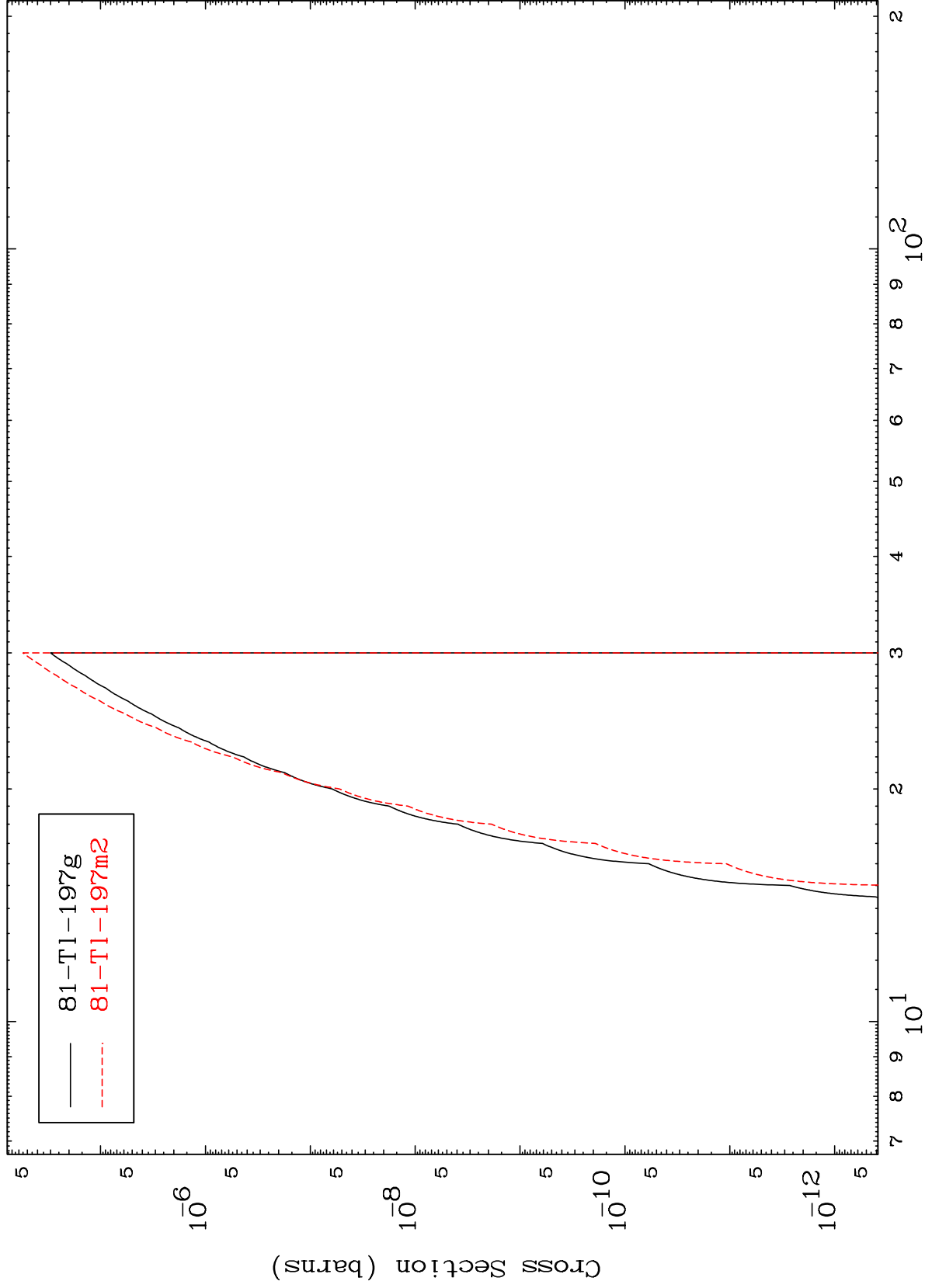




MAT 8295

83-Bi-199

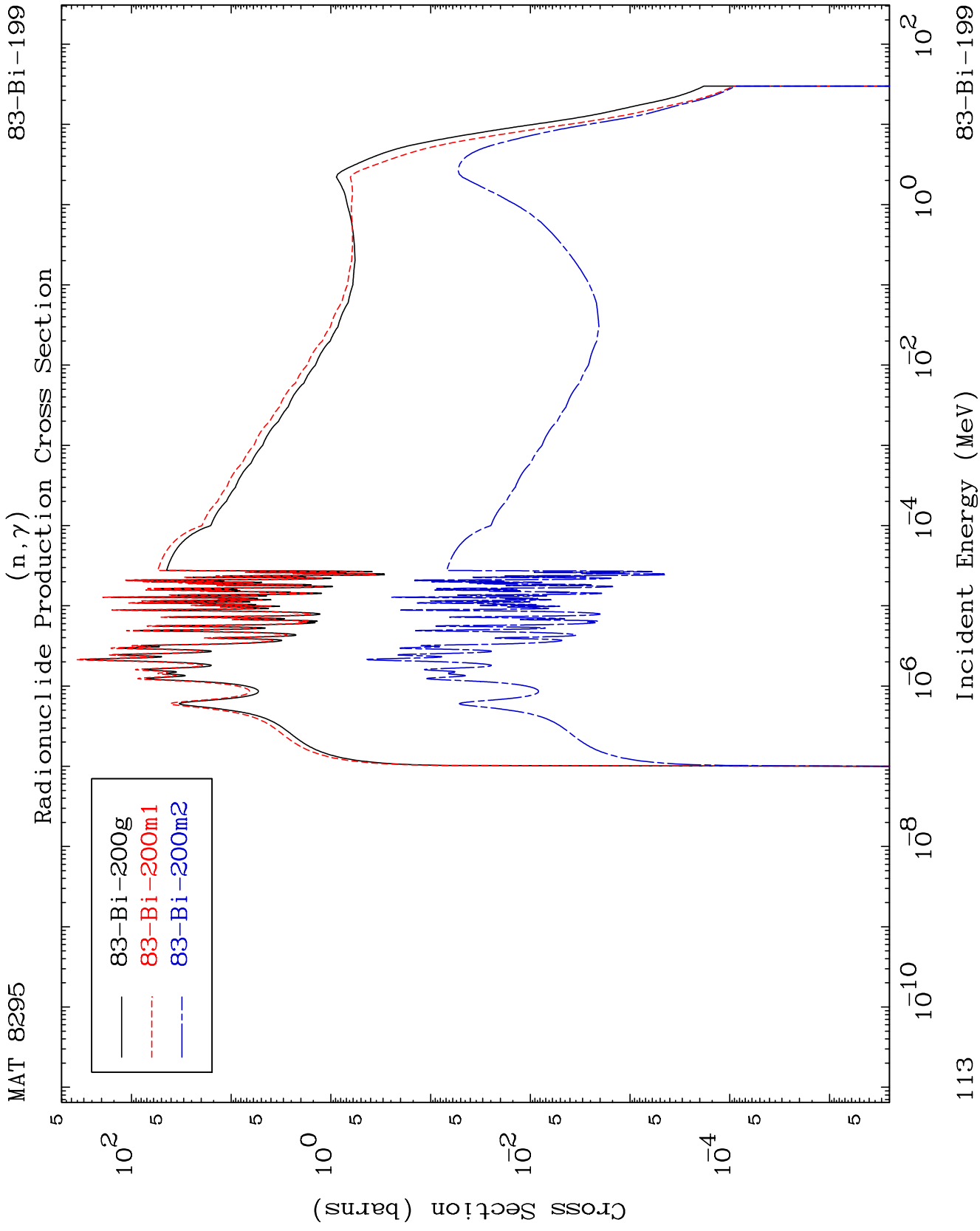
(n,2n) p
Radionuclide Production Cross Section



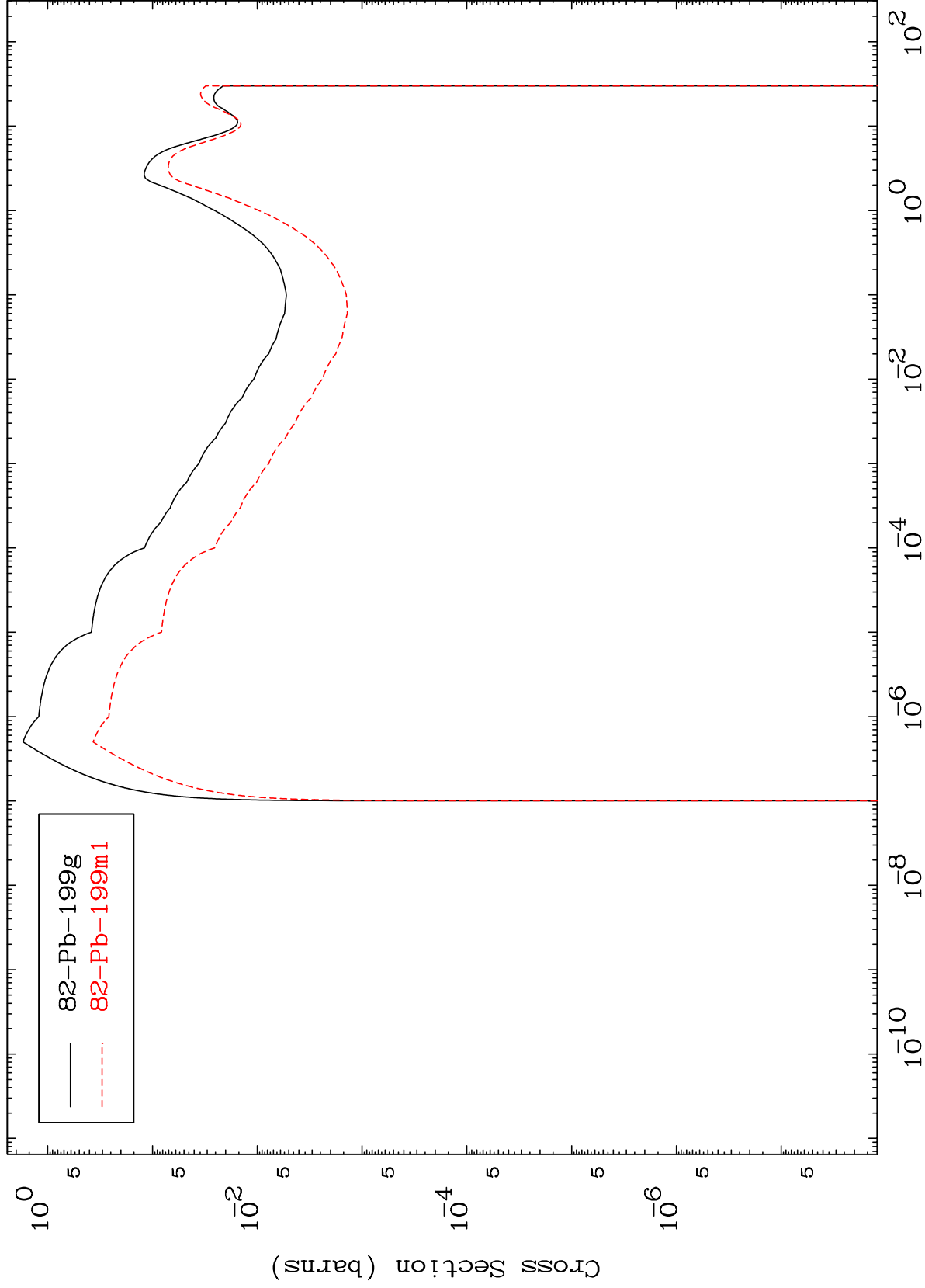
83-Bi-199

Incident Energy (MeV)

112



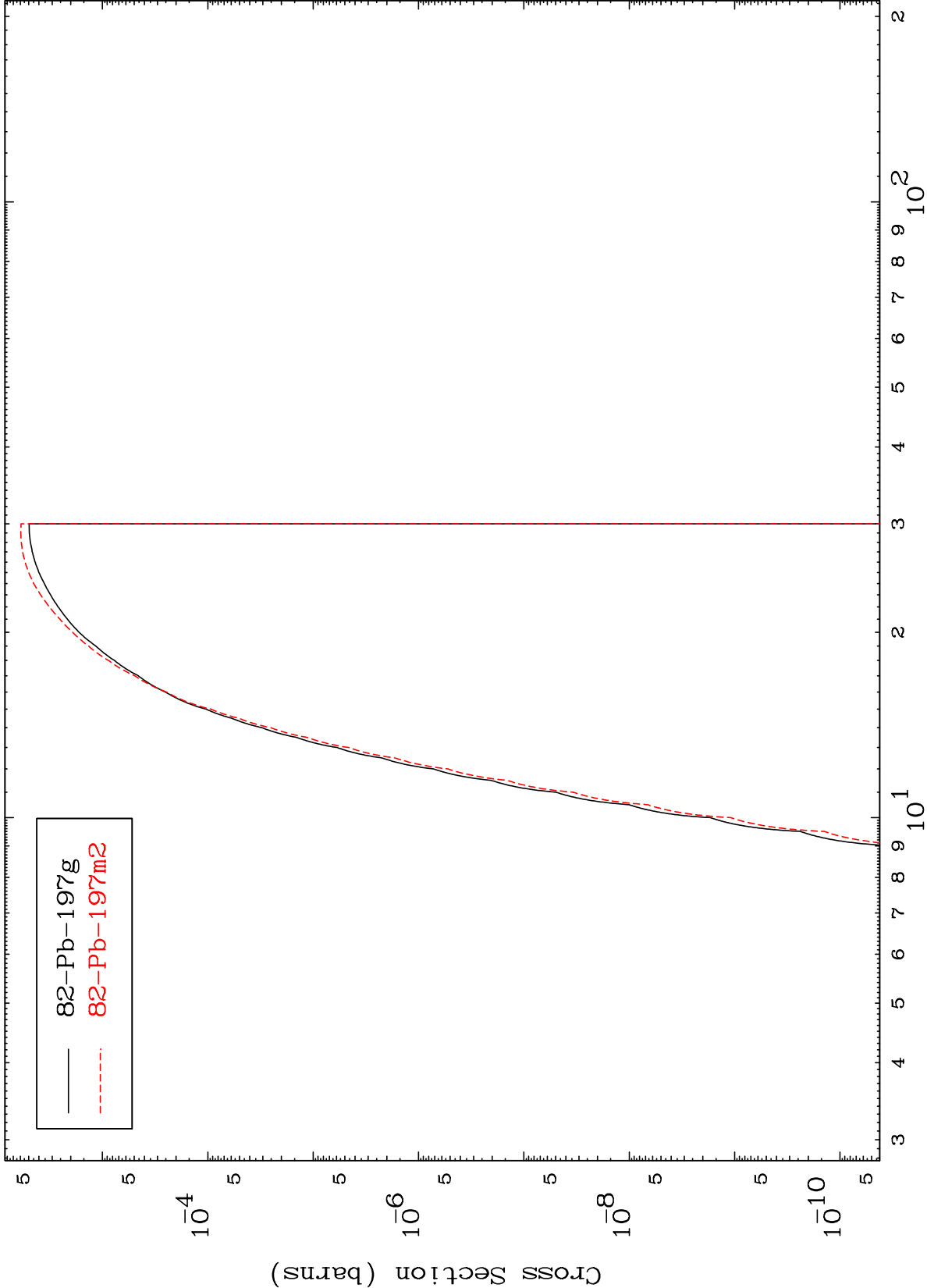
Radionuclide Production Cross Section (n,p)



MAT 8295

83-Bi-199

(n,t)
Radionuclide Production Cross Section

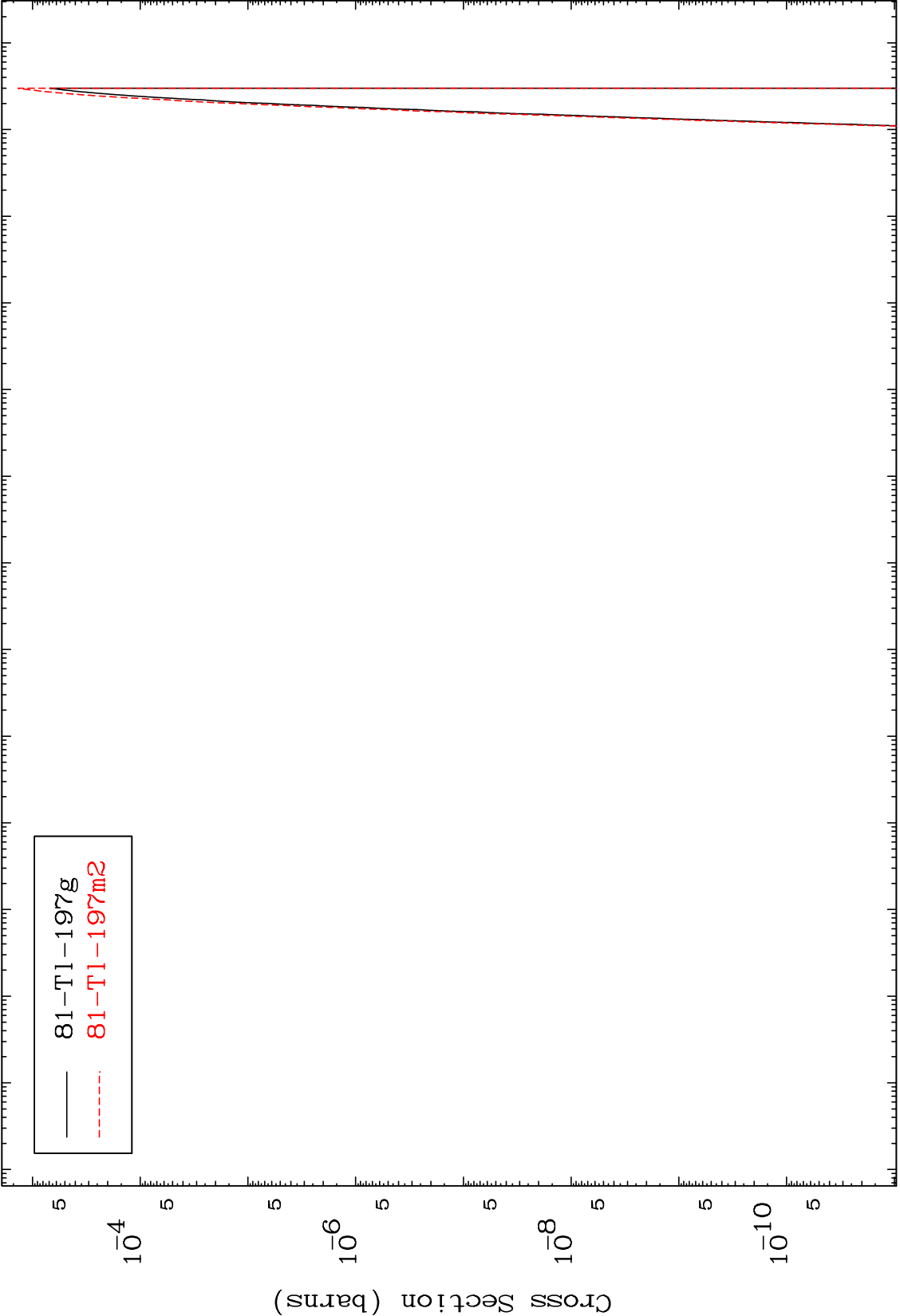


115

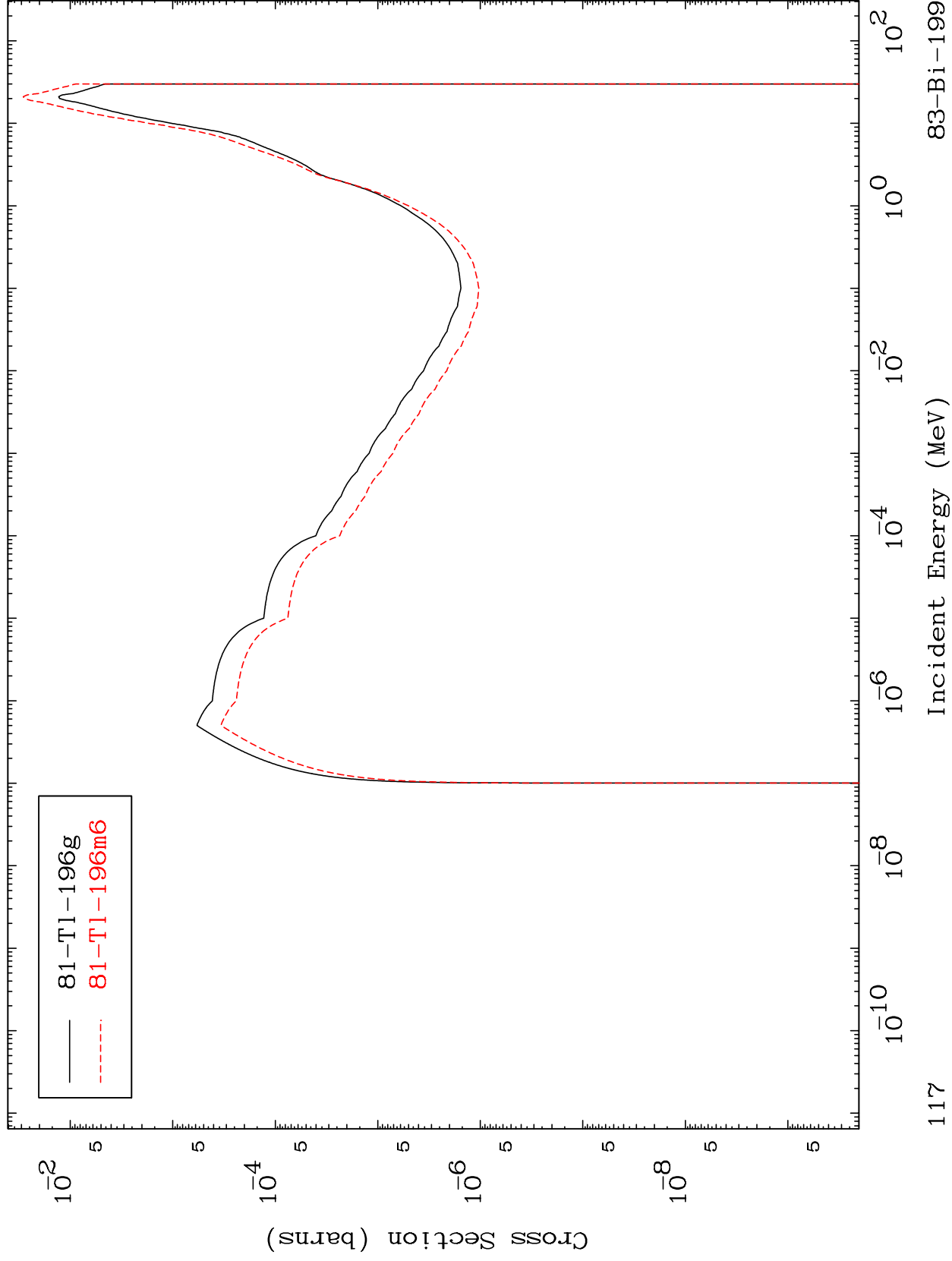
Incident Energy (MeV)

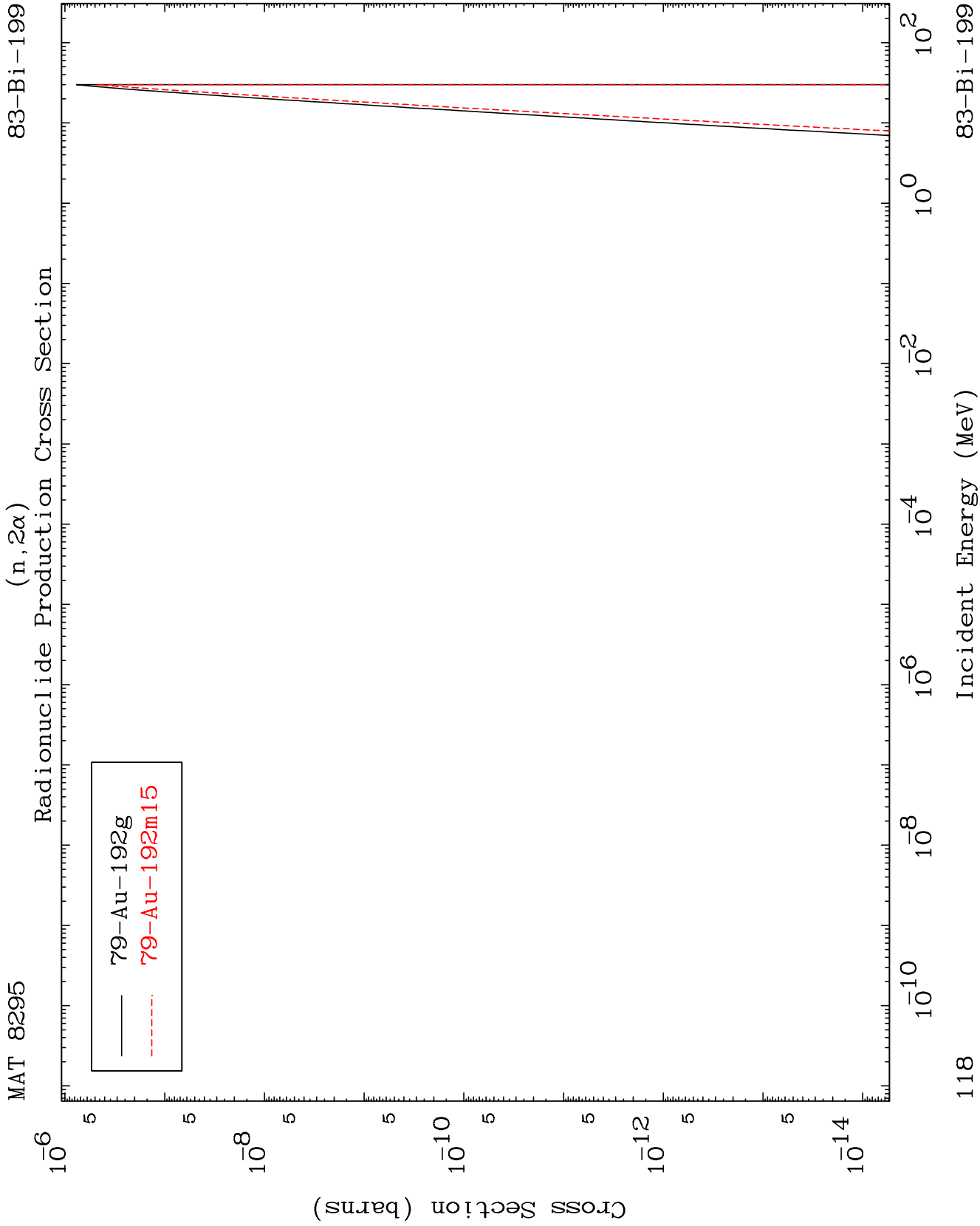
83-Bi-199

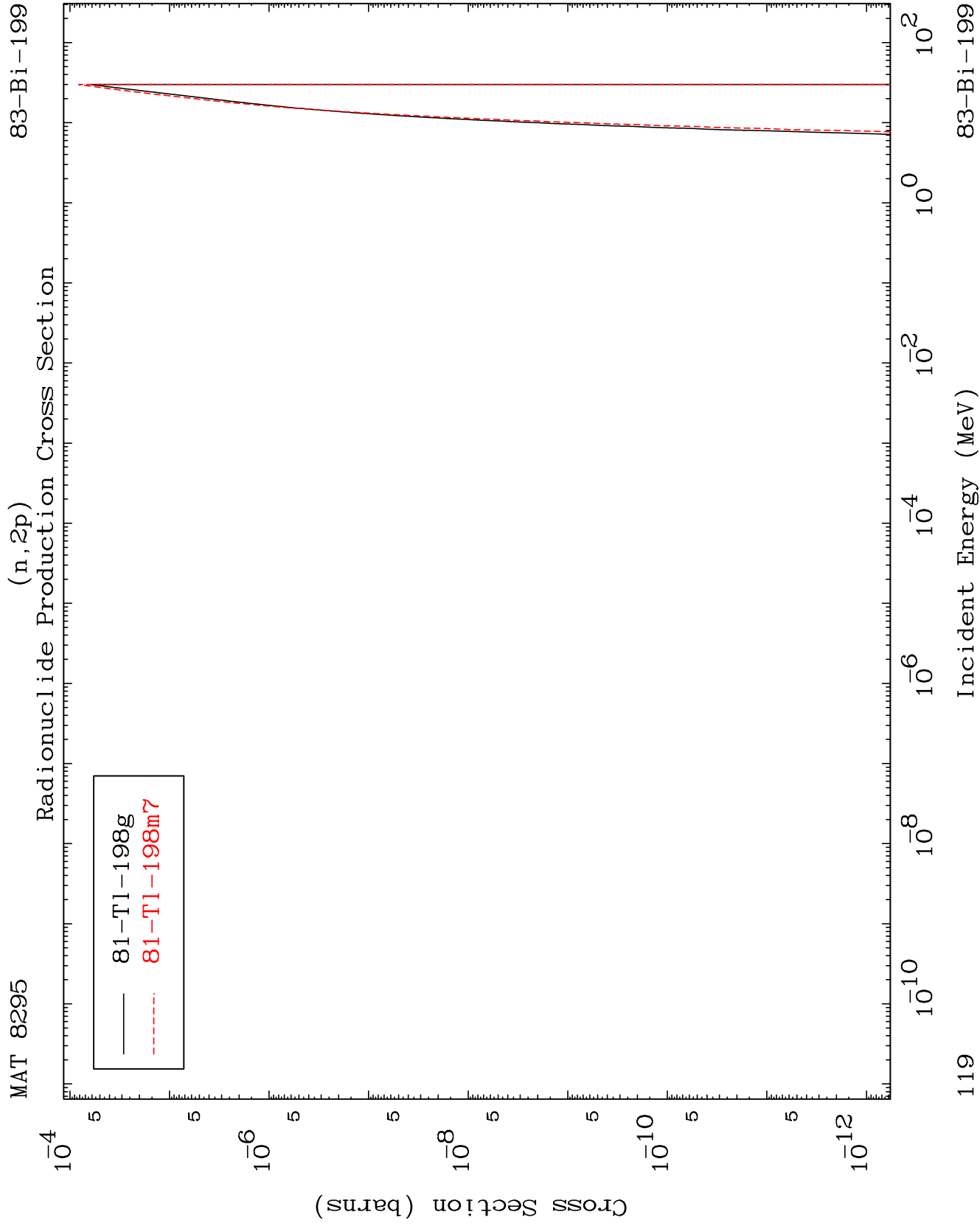
Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n, α)





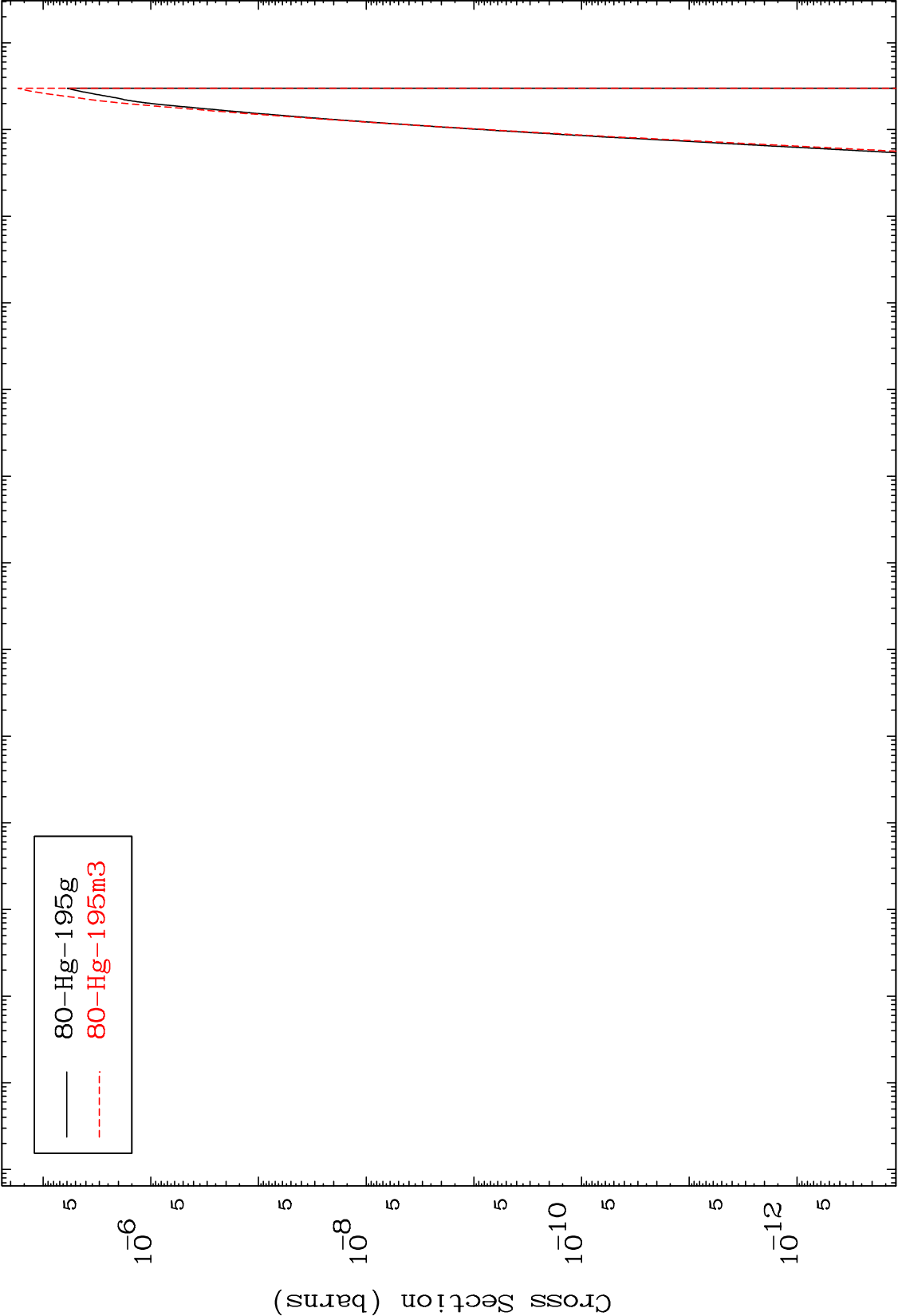


MAT 8295

(n,p) α

83-Bi-199

Radionuclide Production Cross Section



120

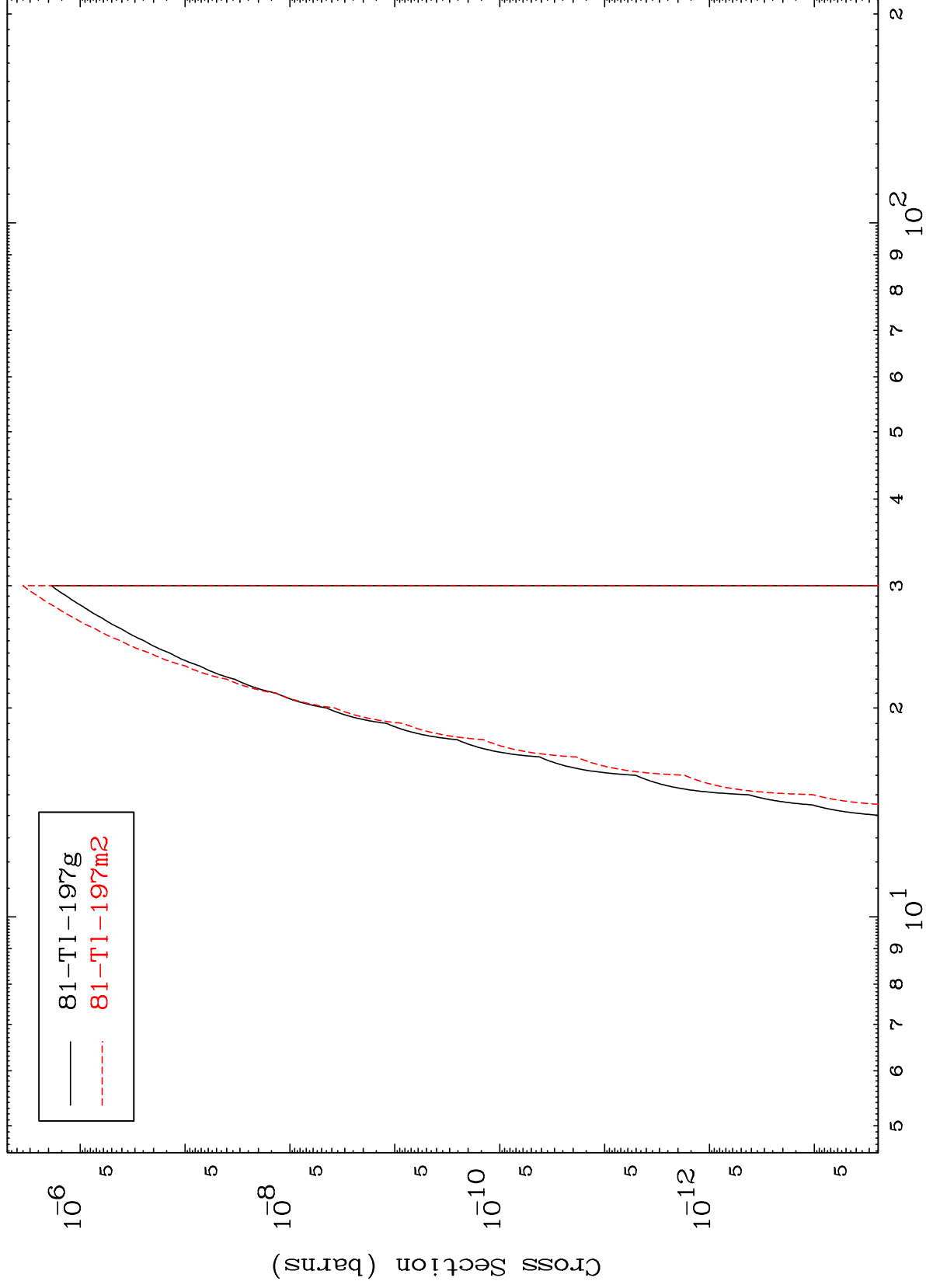
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

(n,p) d
Radionuclide Production Cross Section



121

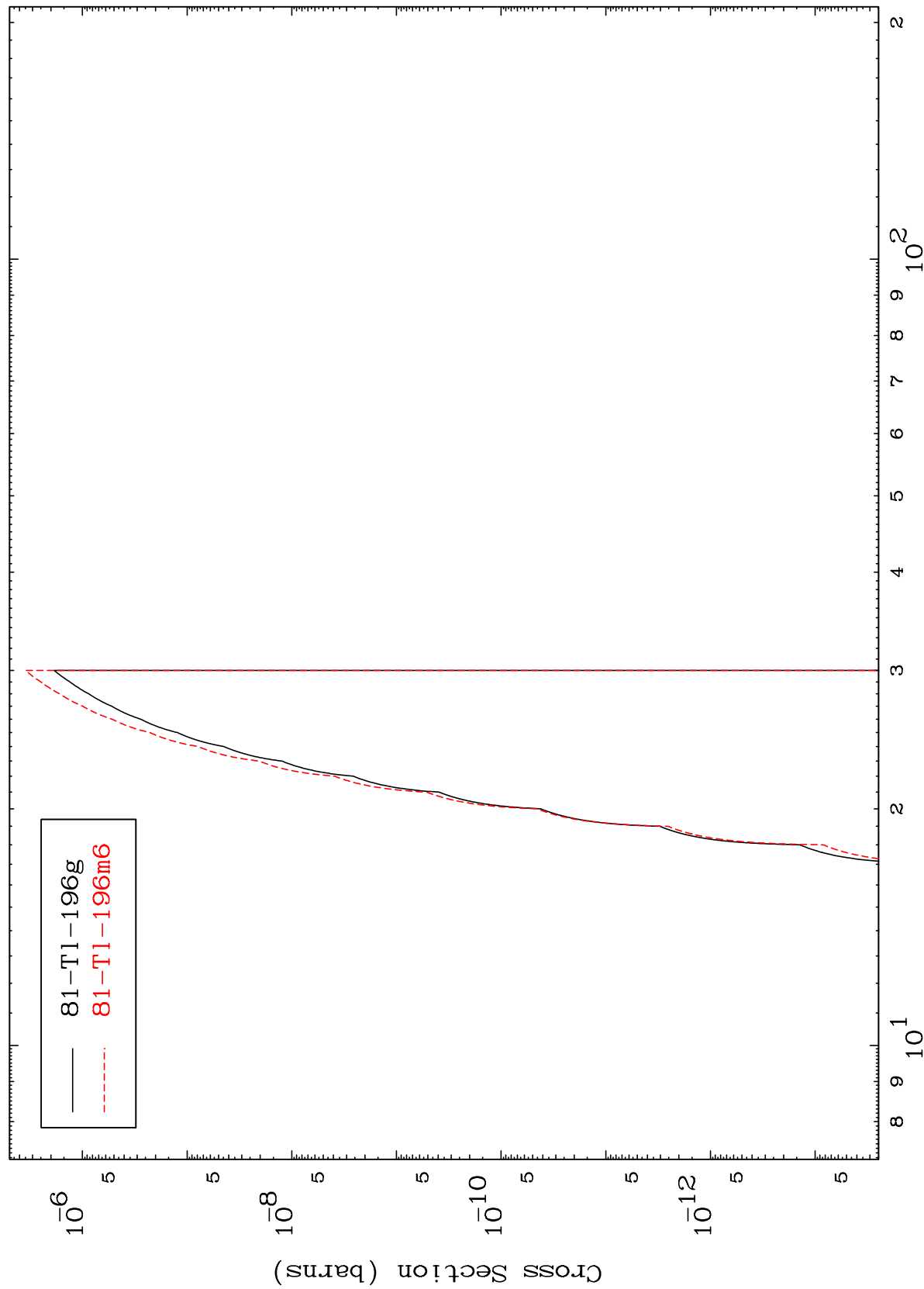
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

(n,p) t
Radionuclide Production Cross Section



83-Bi-199

Incident Energy (MeV)

122