

Program EVALPLOT
(Version 2017-1)

by

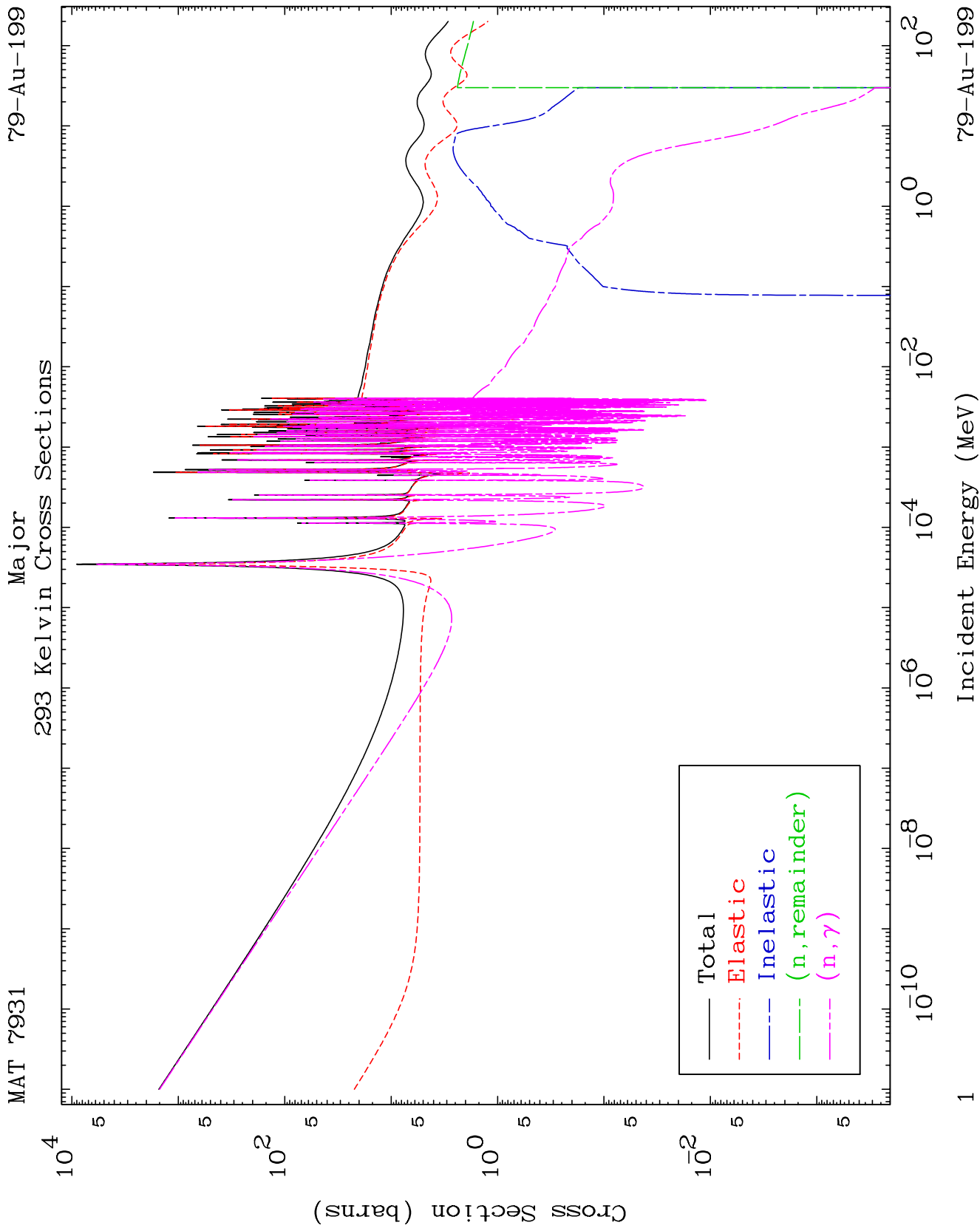
Dermott E. Cullen
(Present Contact Information)

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

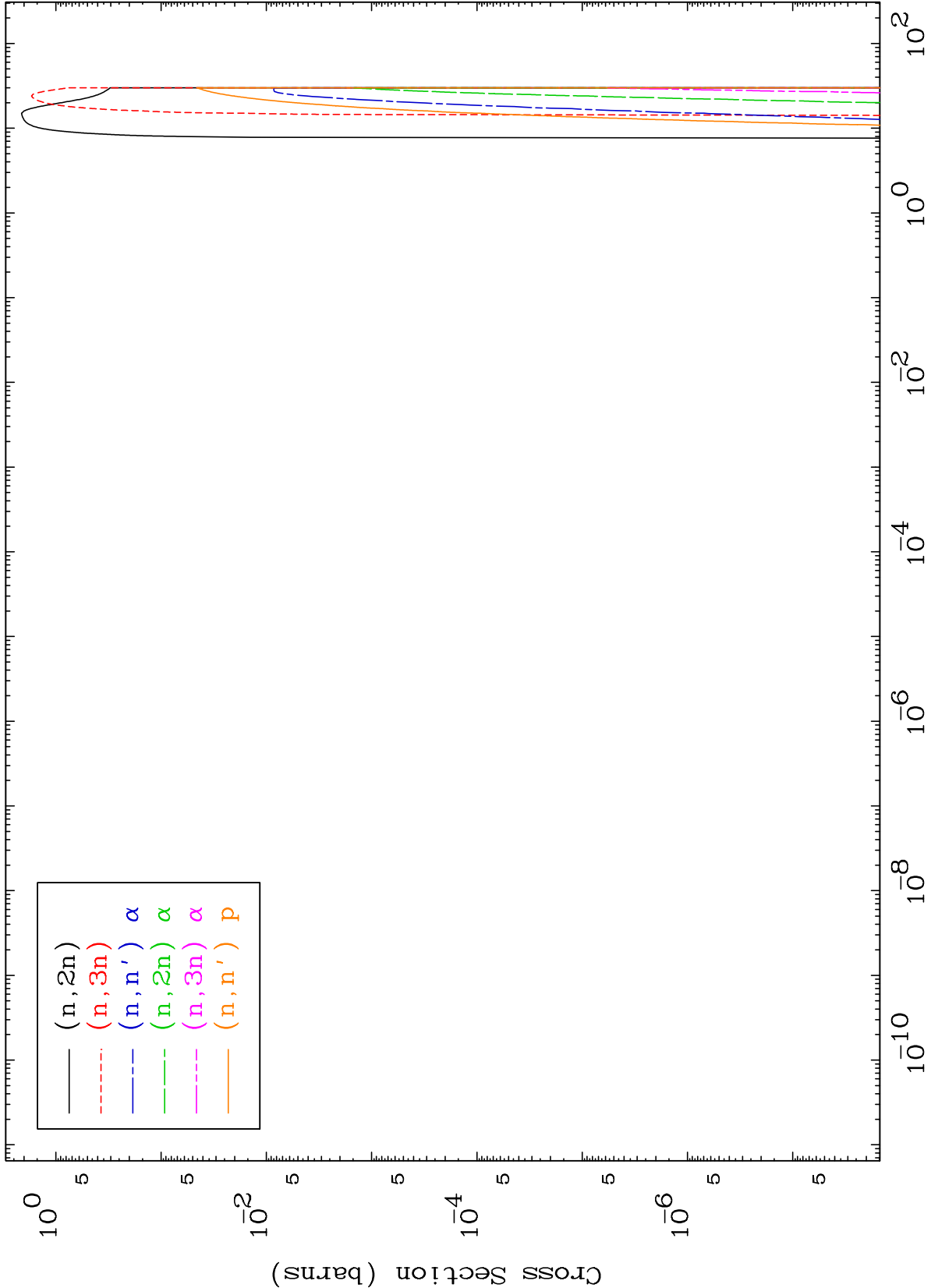
Press Mouse Button to Start

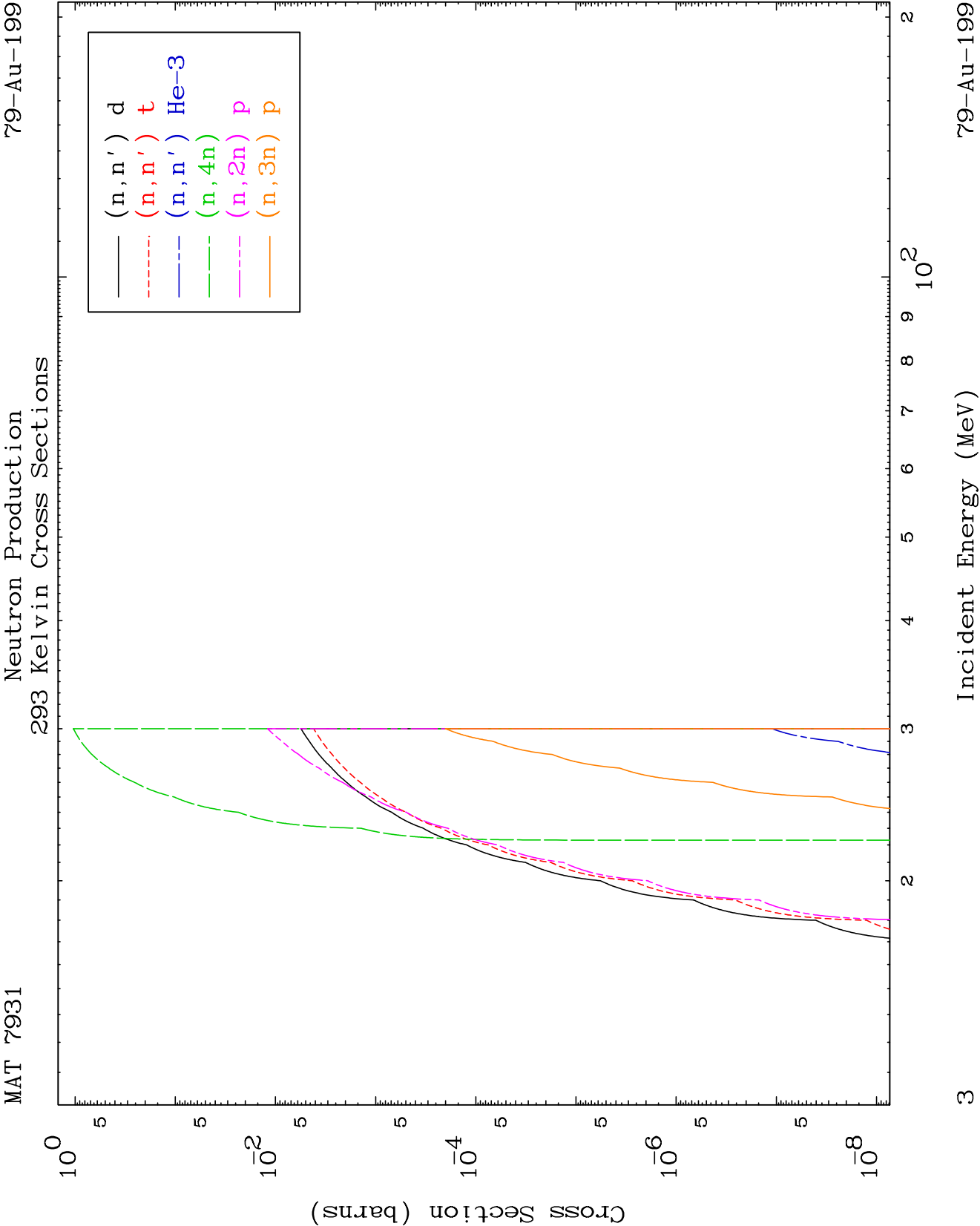


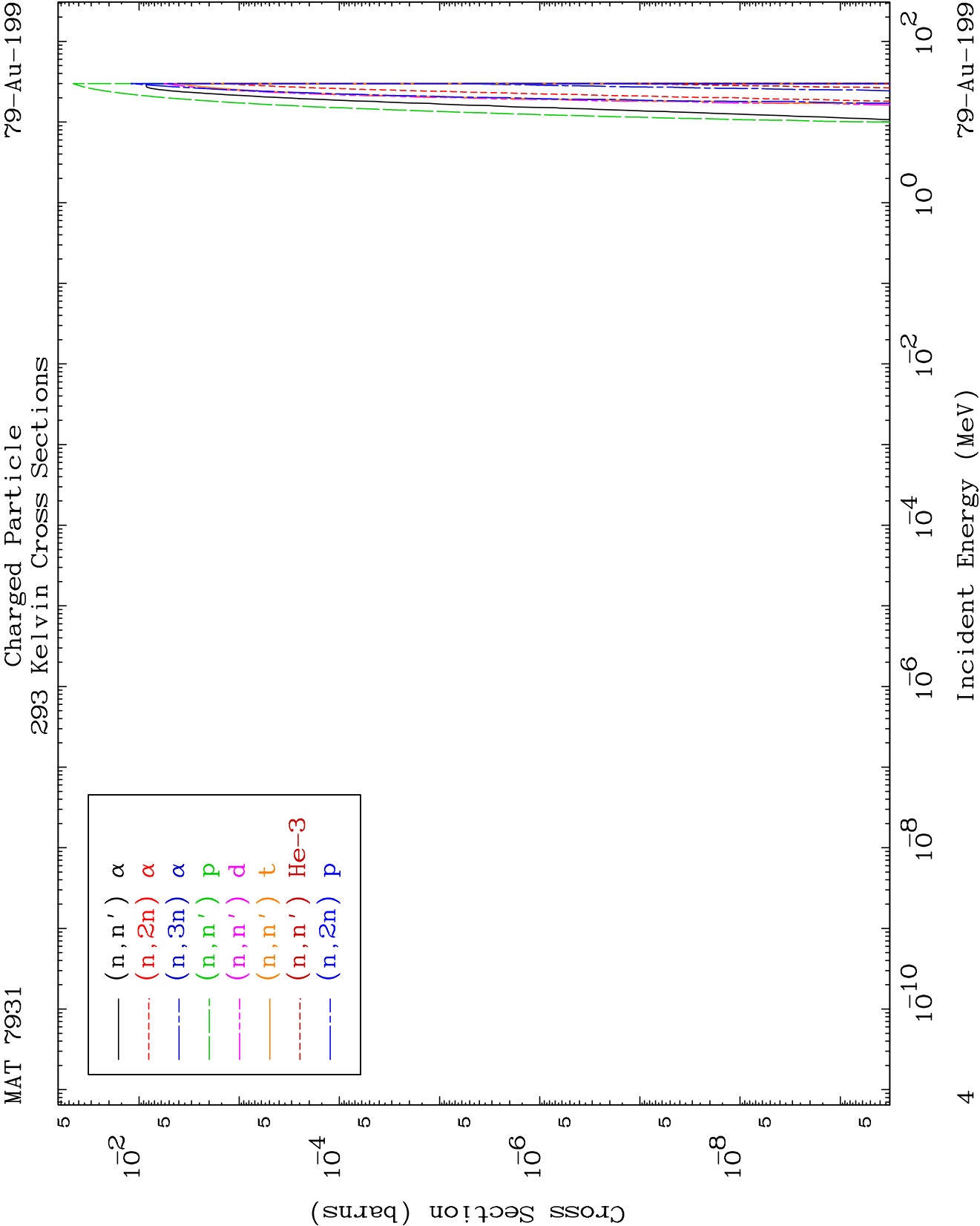
MAT 7931

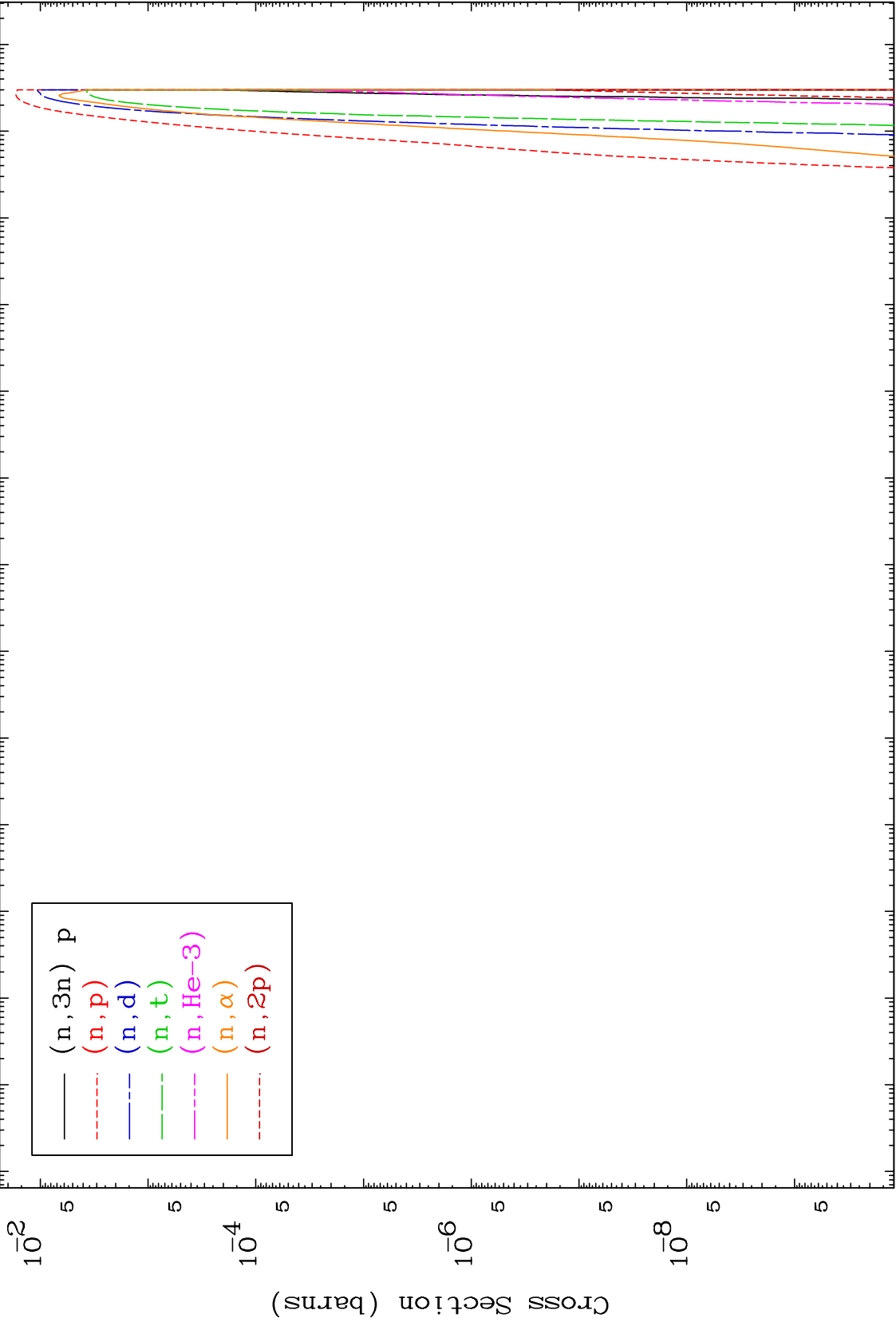
Neutron Production
293 Kelvin Cross Sections

79-Au-199





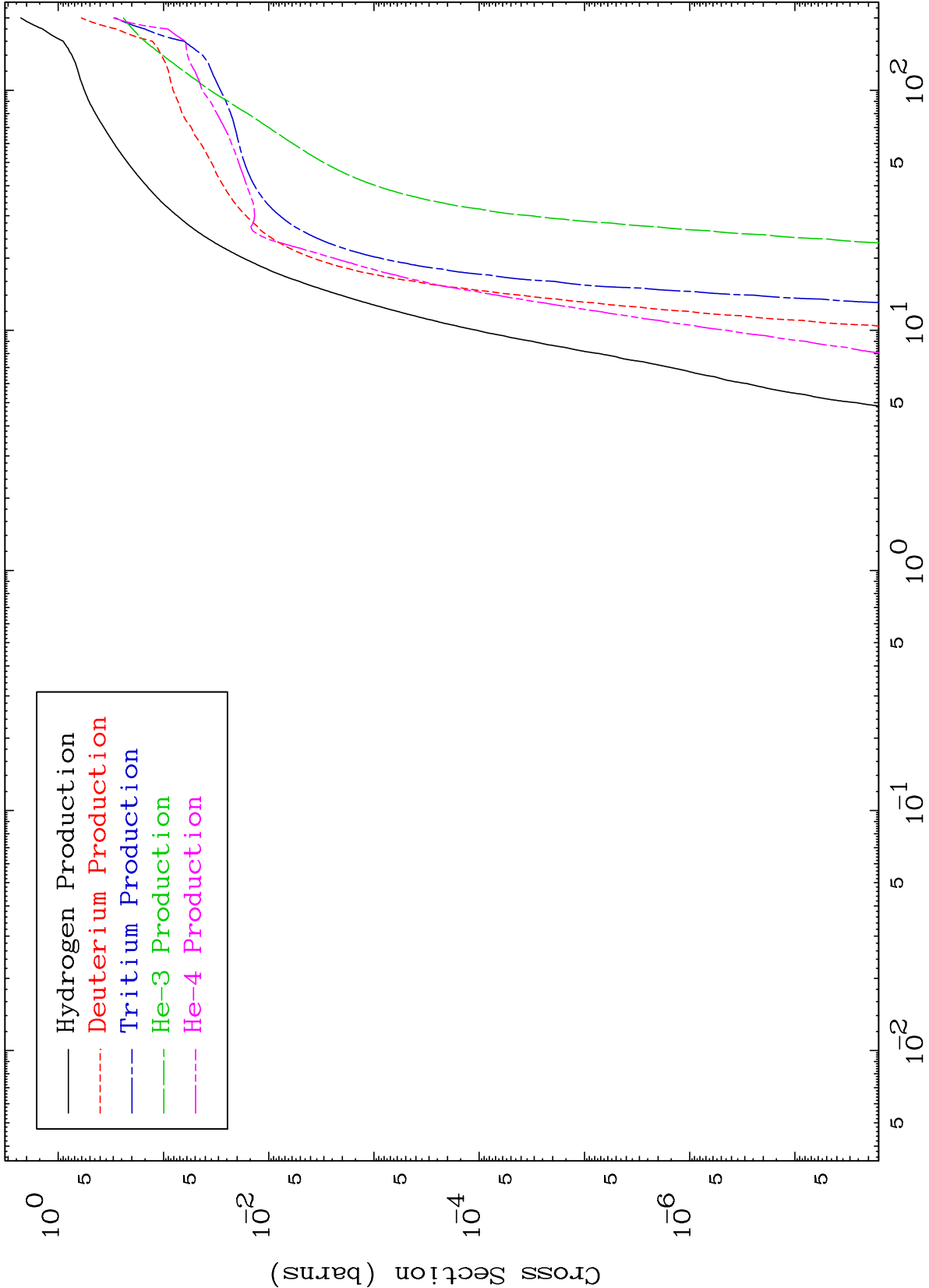




MAT 7931

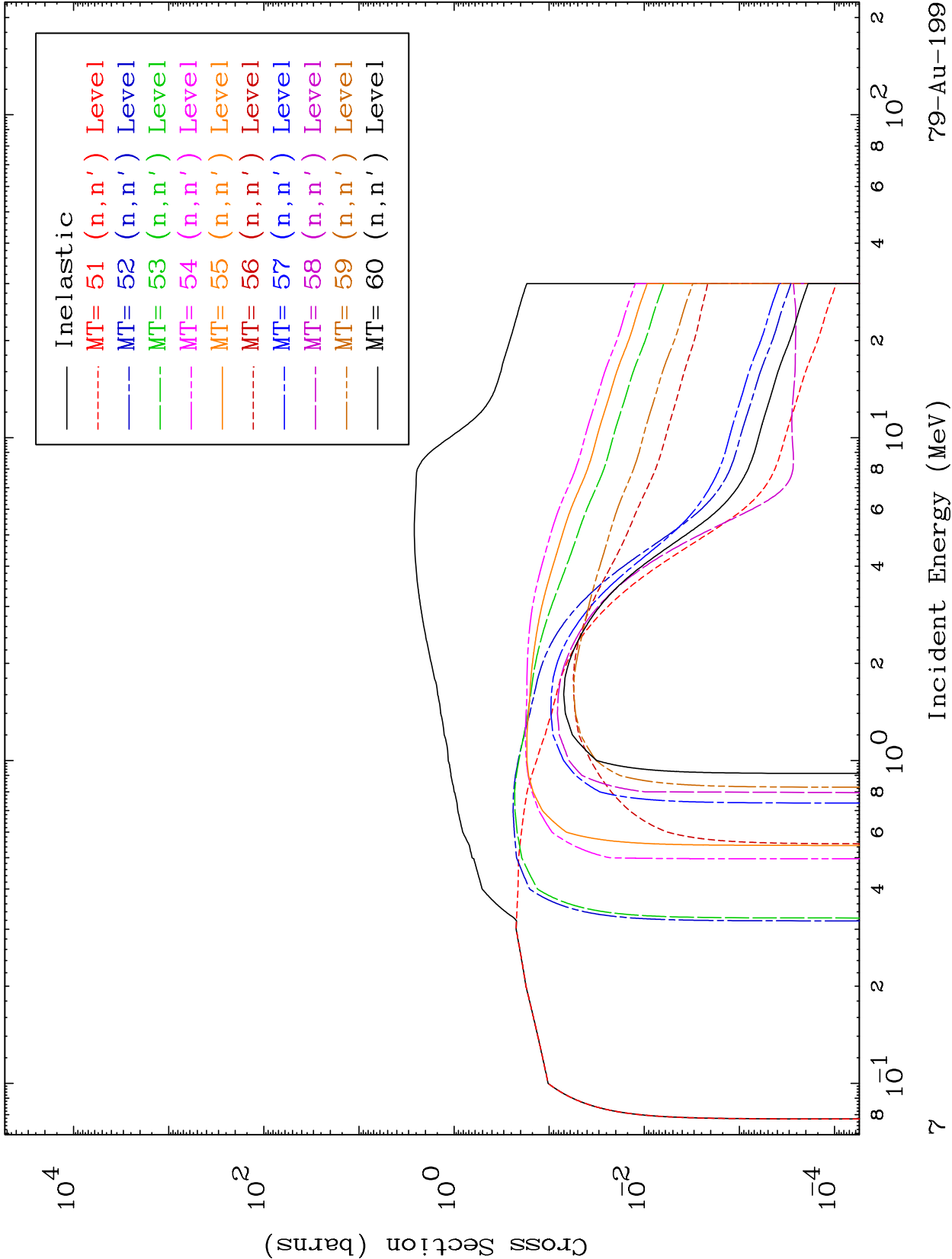
Particle Production
293 Kelvin Cross Sections

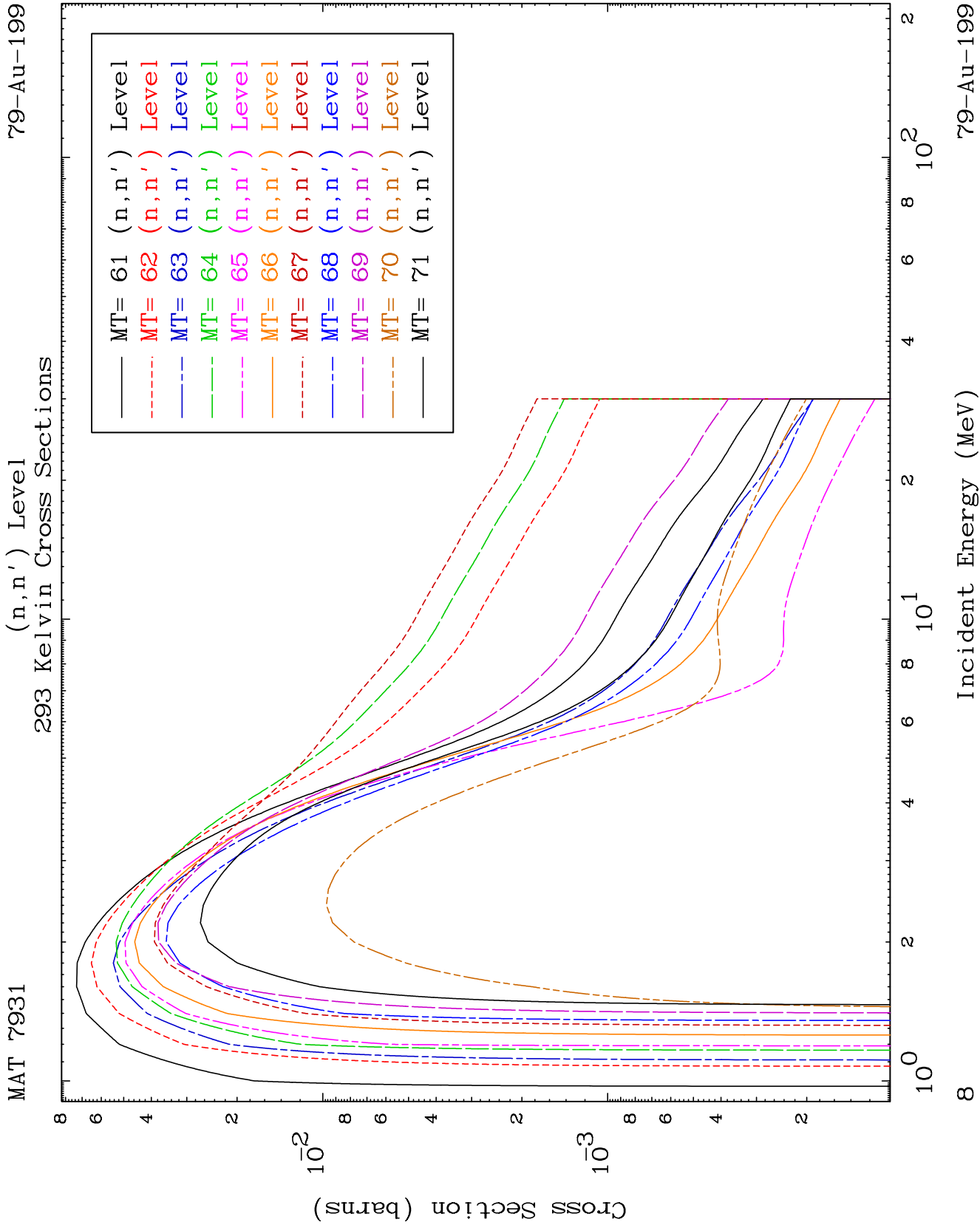
79-Au-199



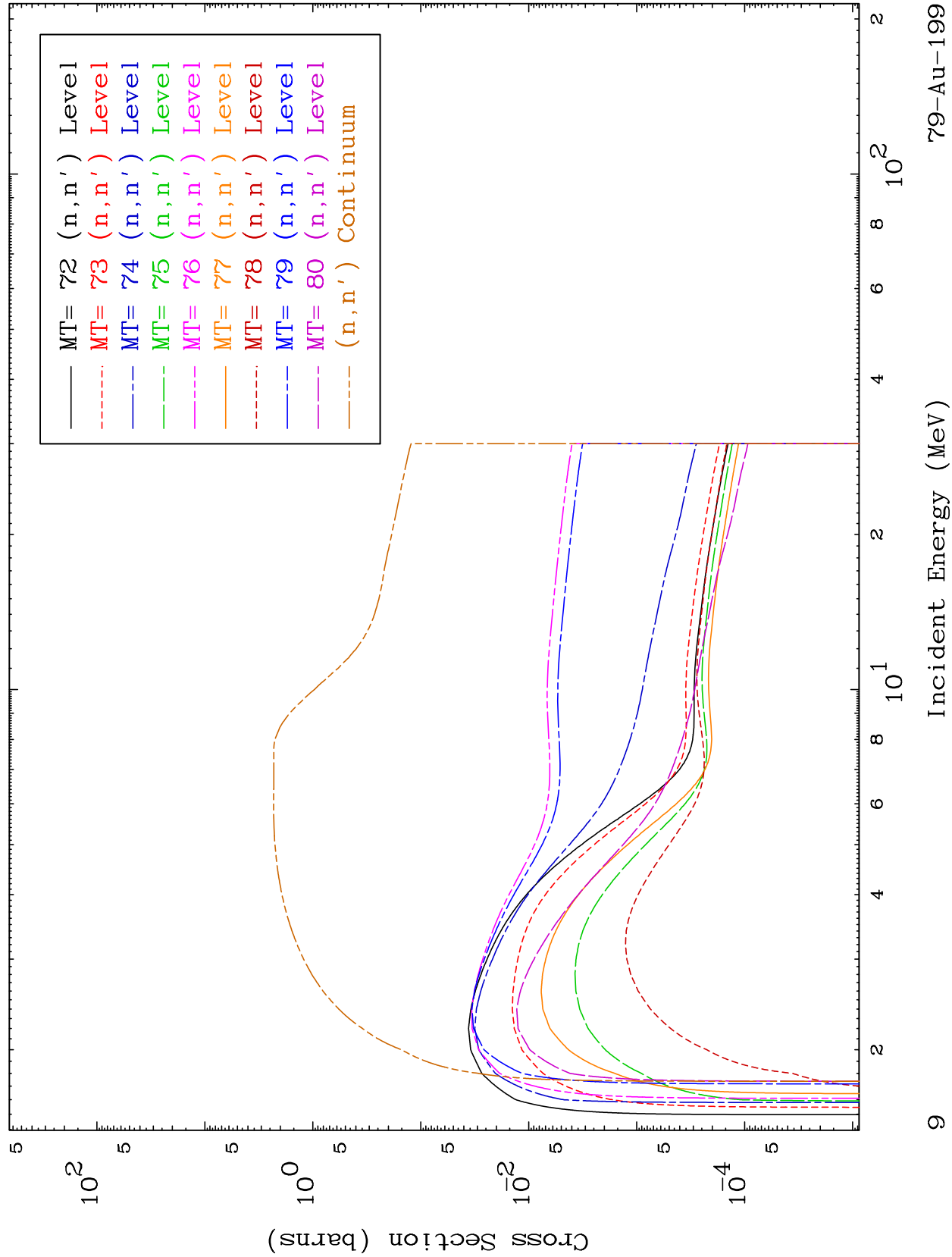
Incident Energy (MeV)

79-Au-199





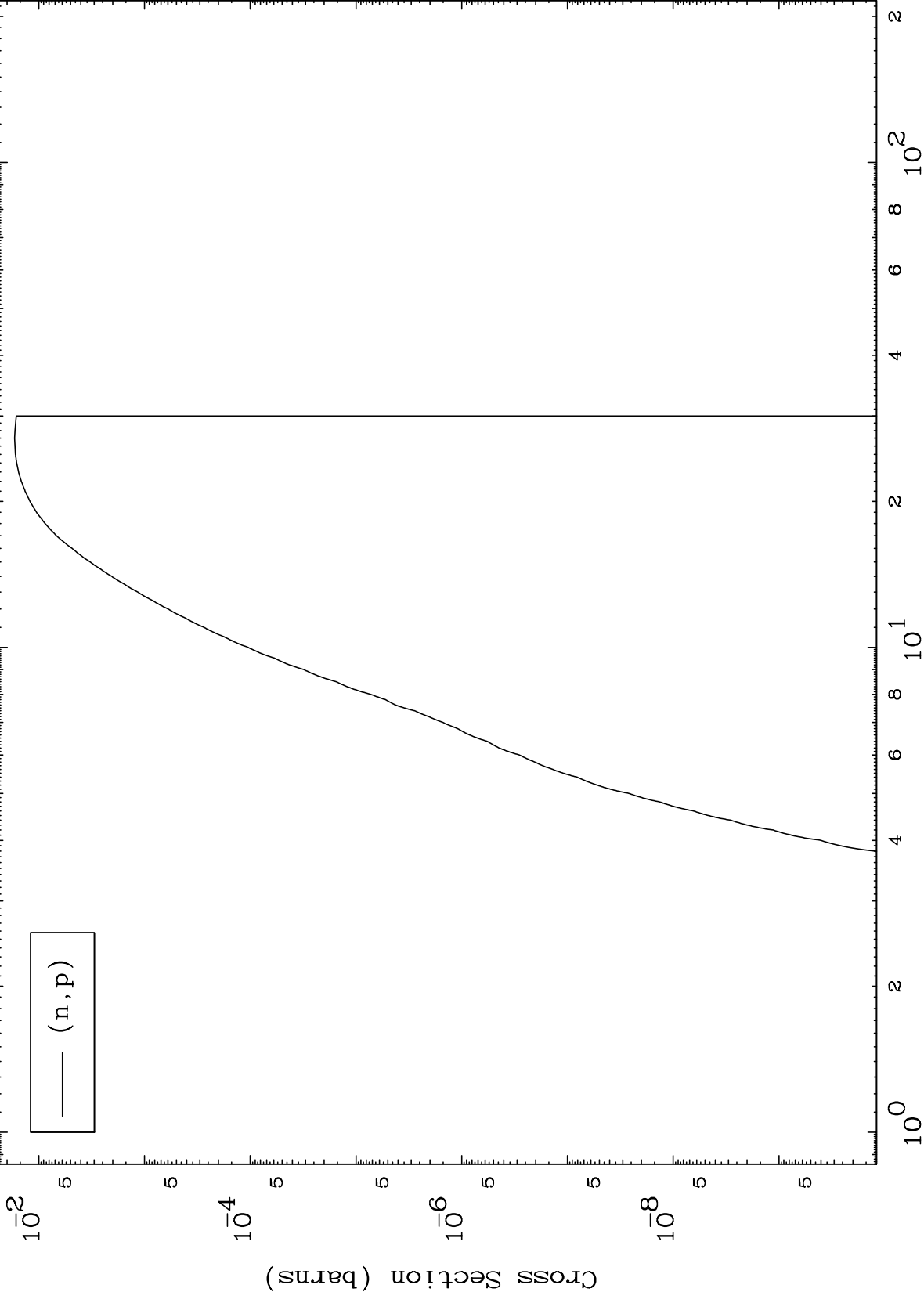
293 Kelvin Cross Sections



MAT 7931

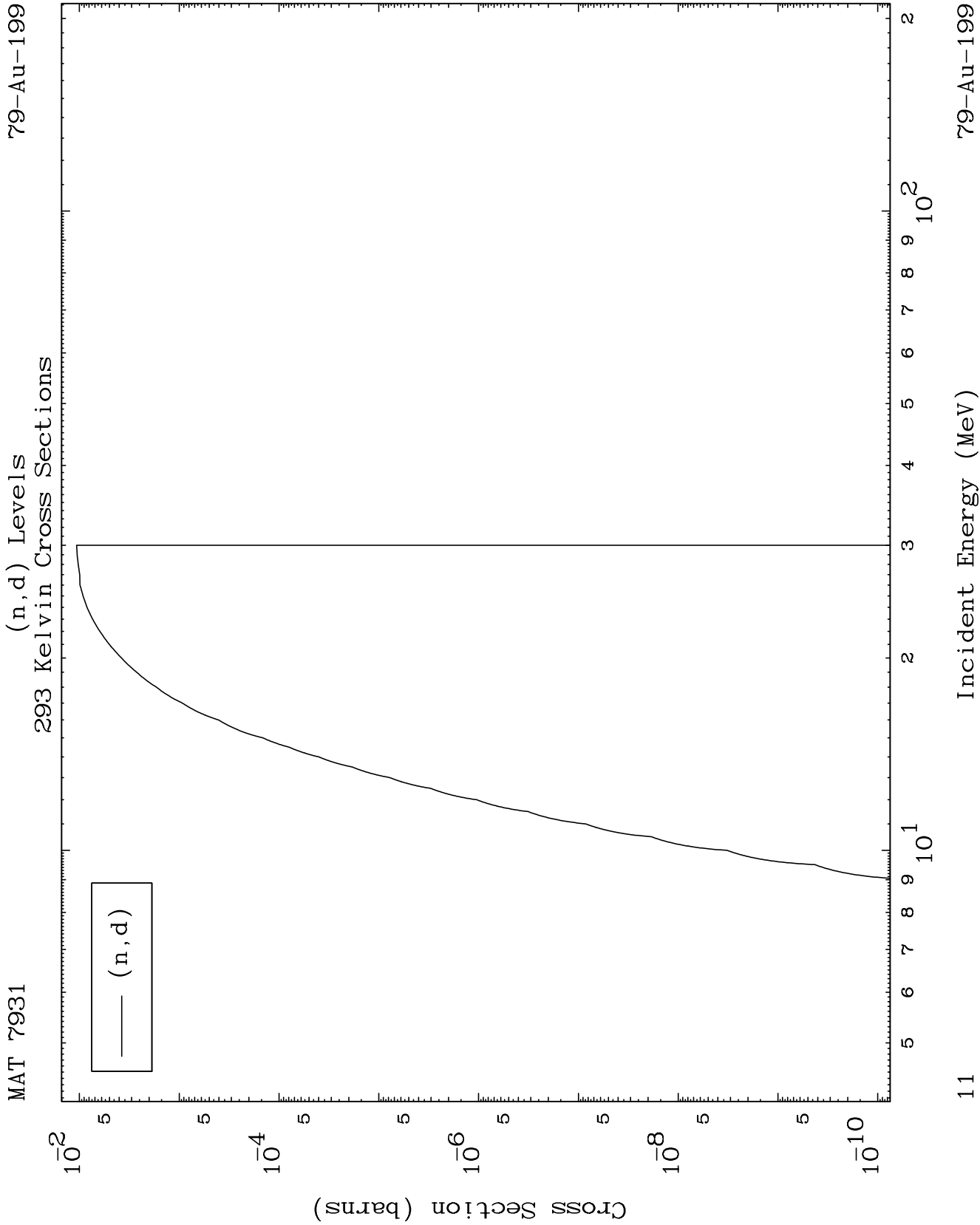
(n,p) Levels
293 Kelvin Cross Sections

79-Au-199



Incident Energy (MeV)

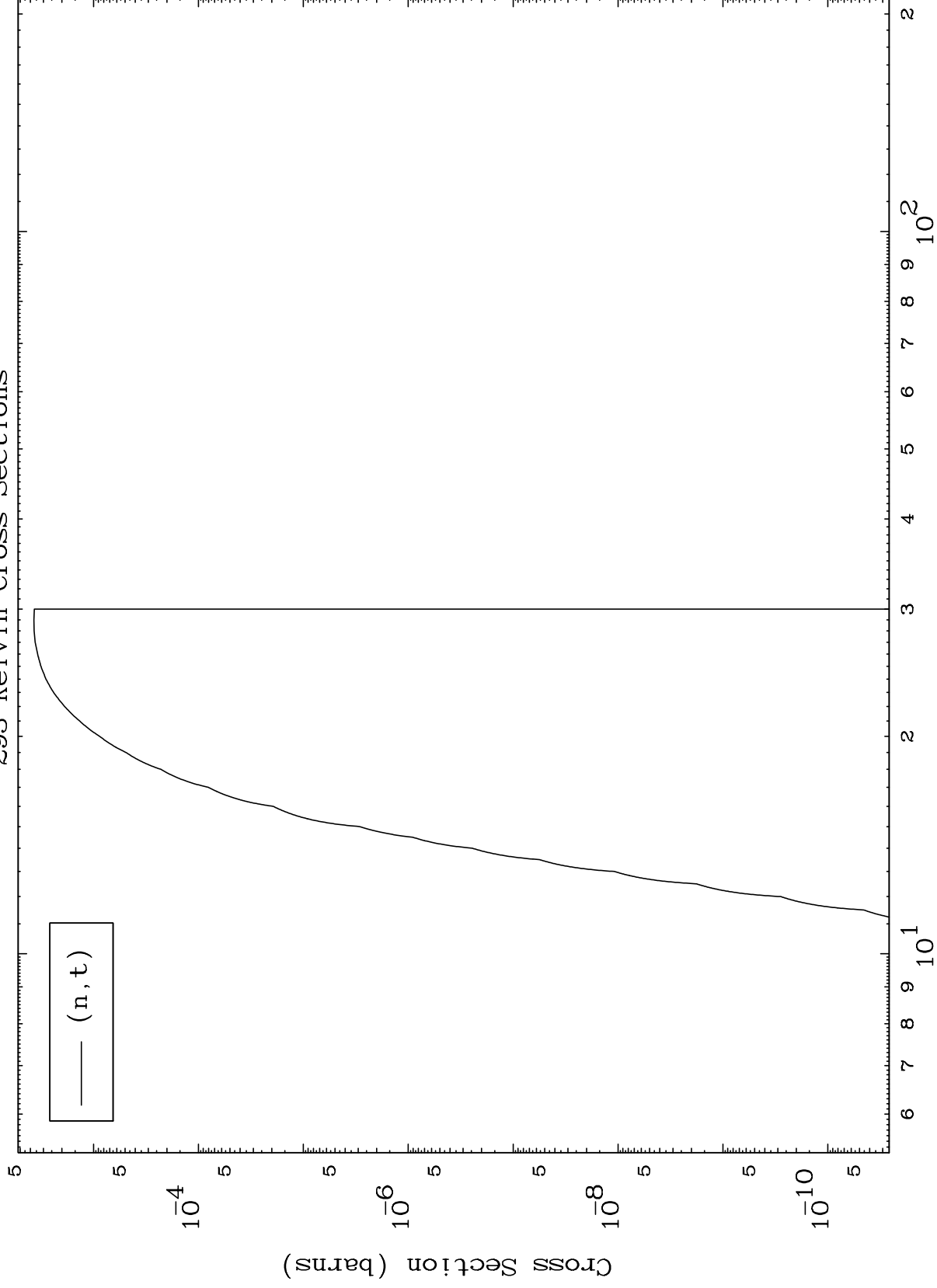
79-Au-199



MAT 7931

79-Au-199

(n,t) Levels
293 Kelvin Cross Sections



79-Au-199

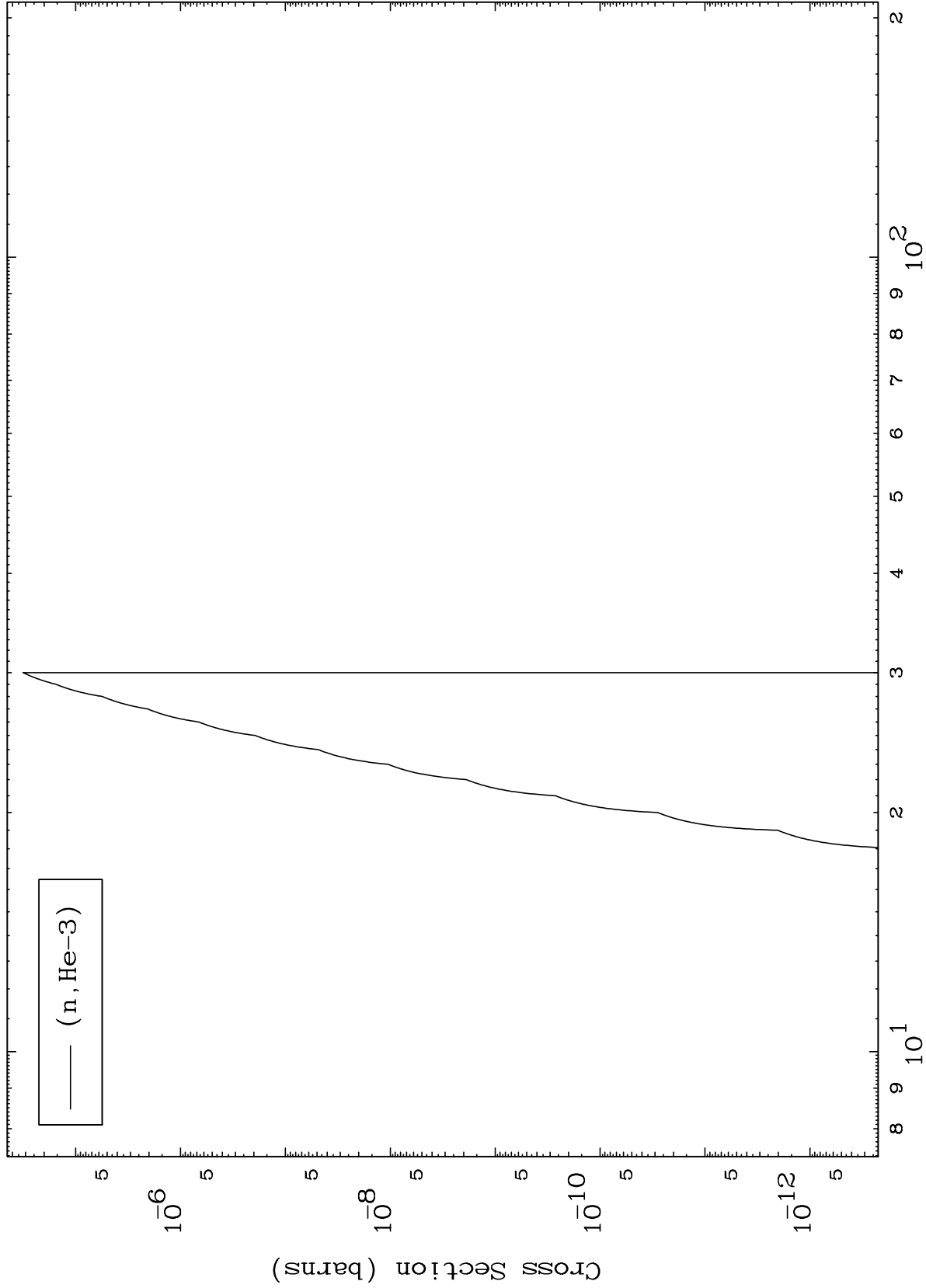
Incident Energy (MeV)

12

MAT 7931

79-Au-199

(n,He3) Levels
293 Kelvin Cross Sections



79-Au-199

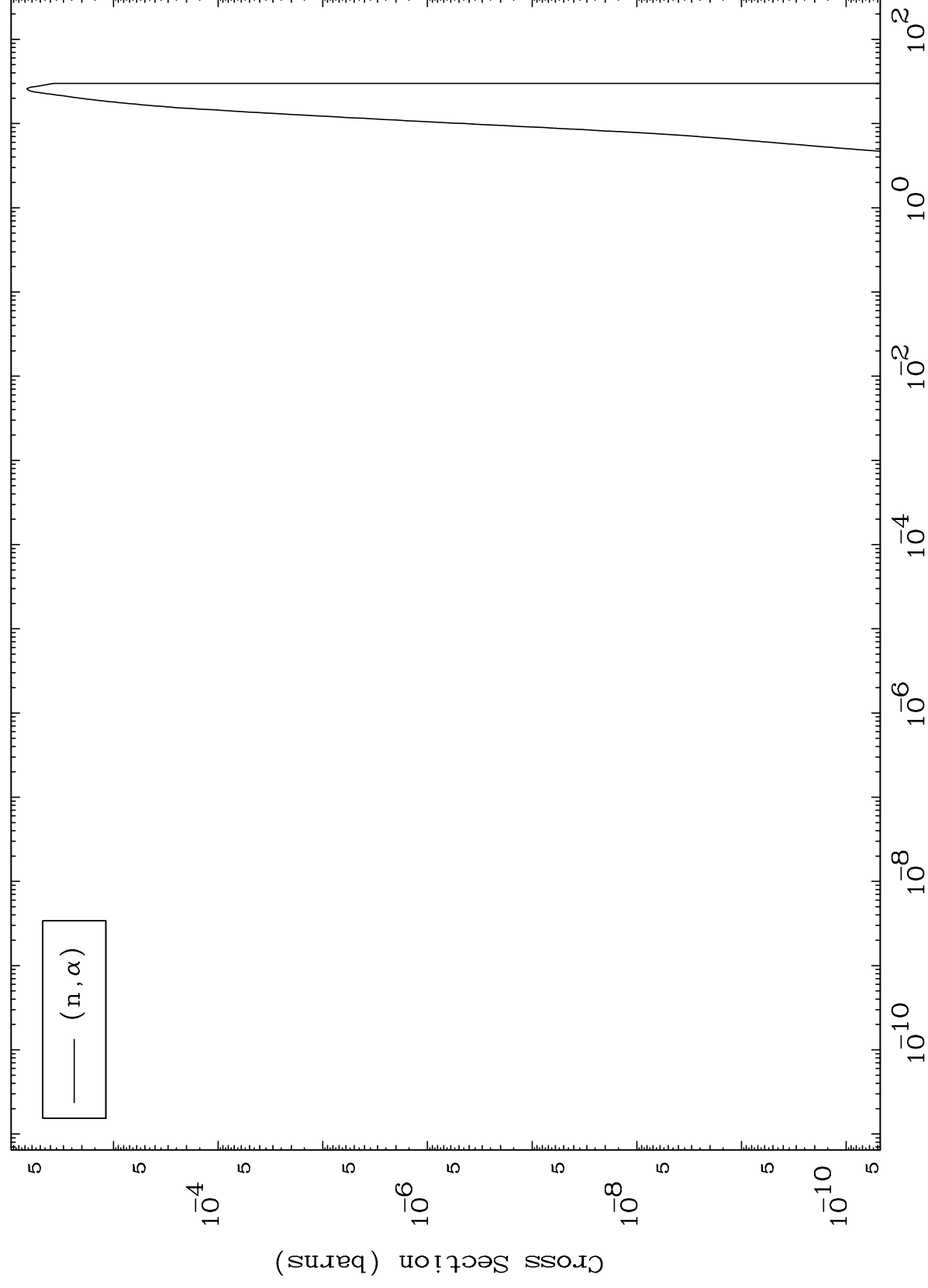
Incident Energy (MeV)

13

MAT 7931

(n, α) Levels
293 Kelvin Cross Sections

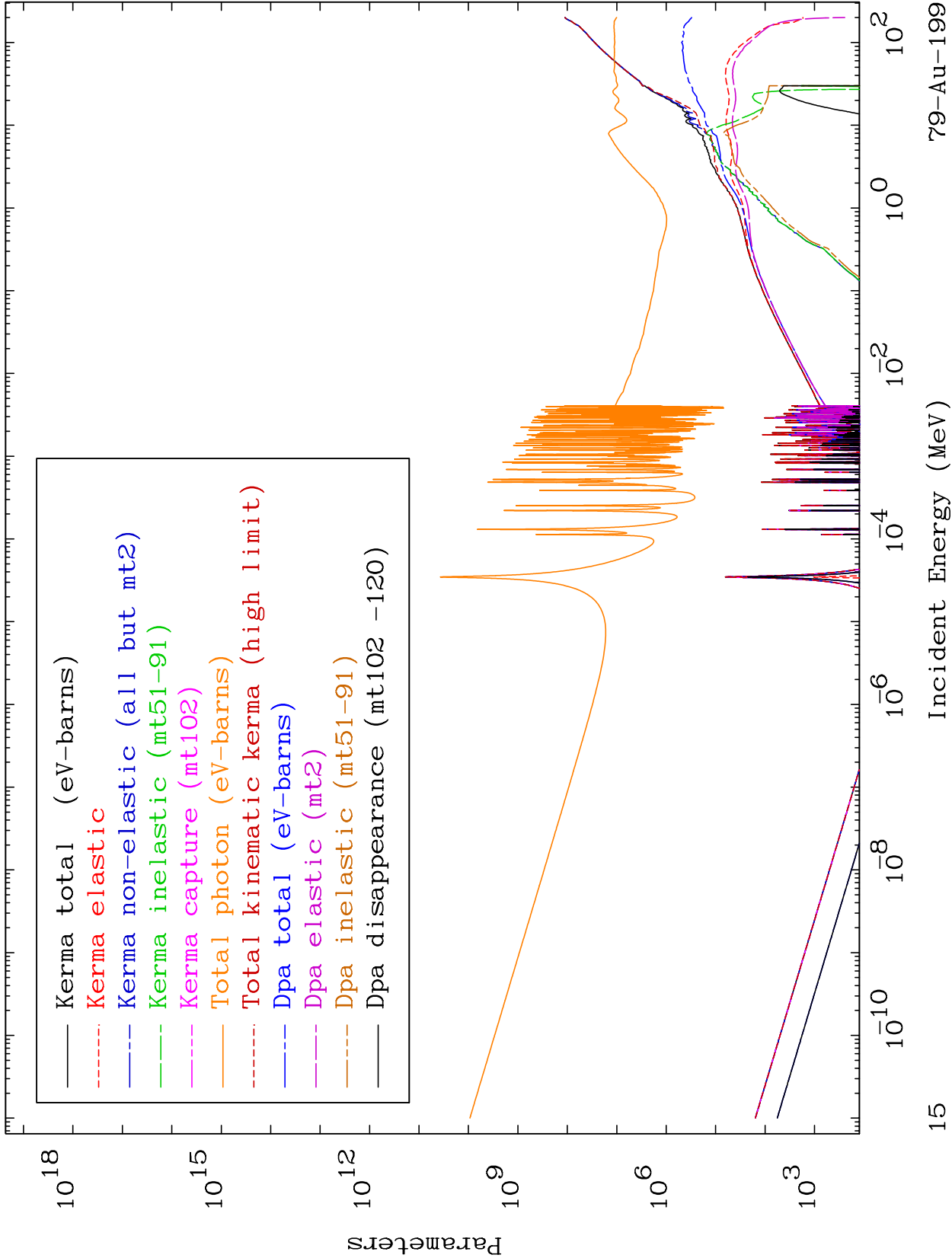
79-Au-199

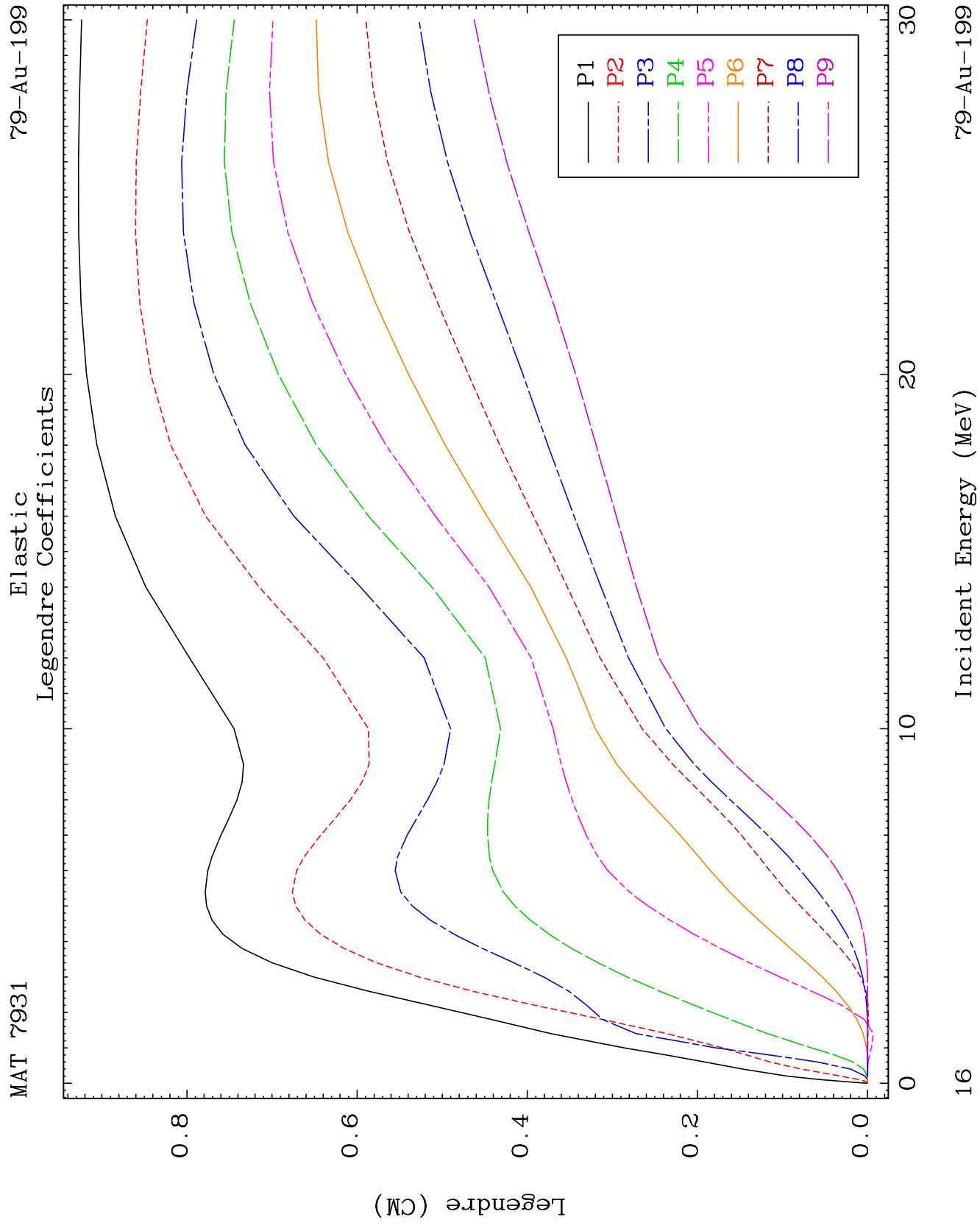


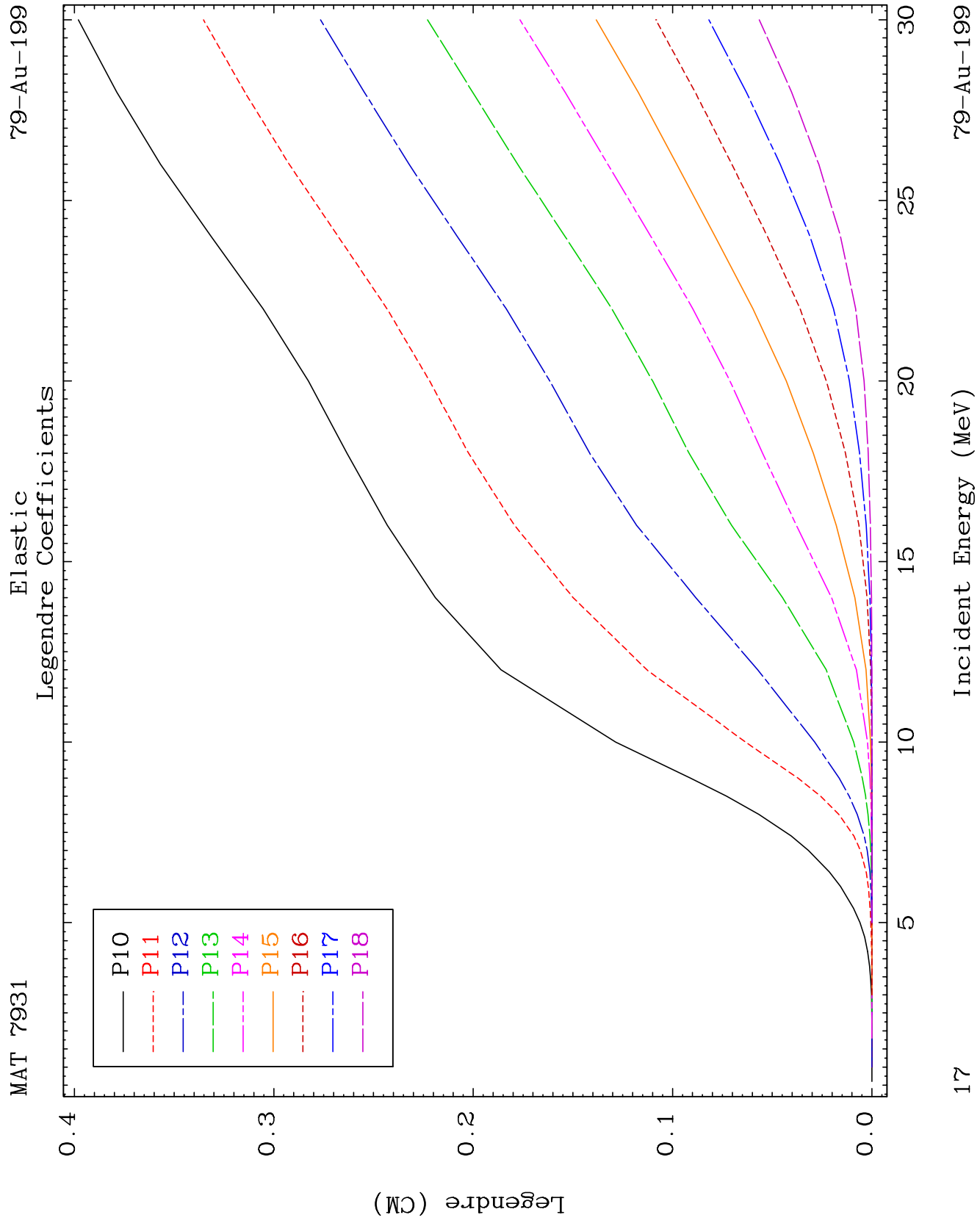
14

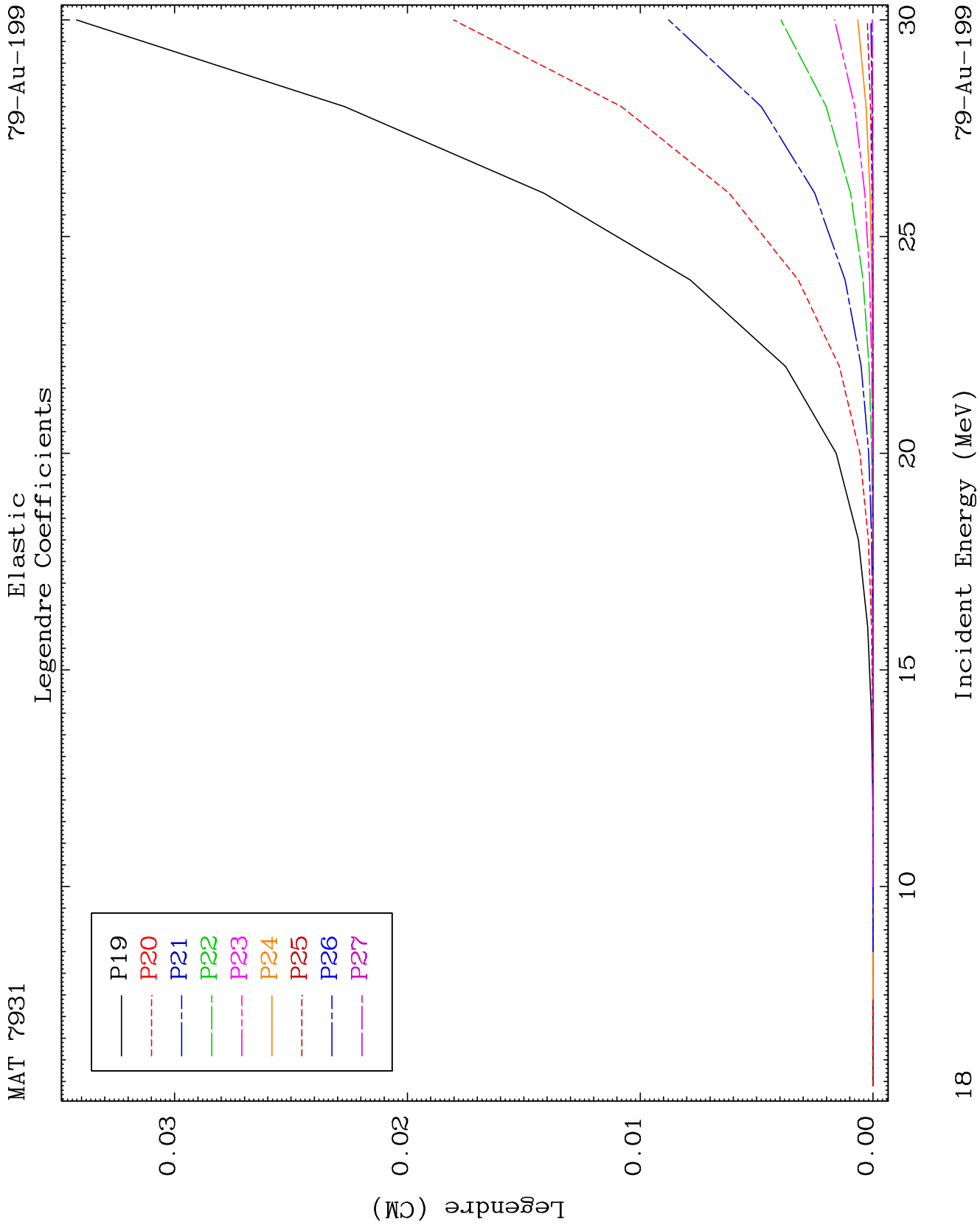
Incident Energy (MeV)

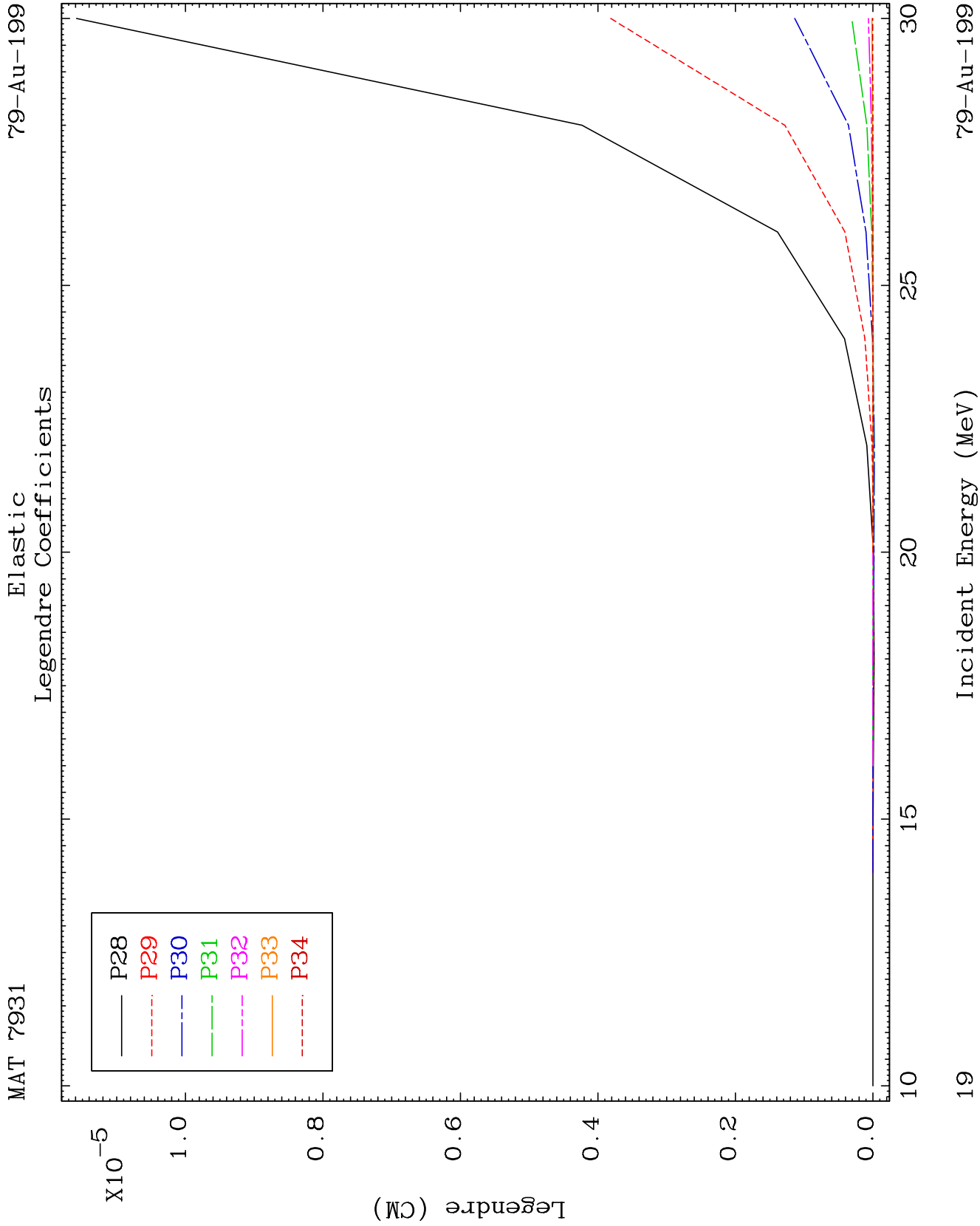
79-Au-199







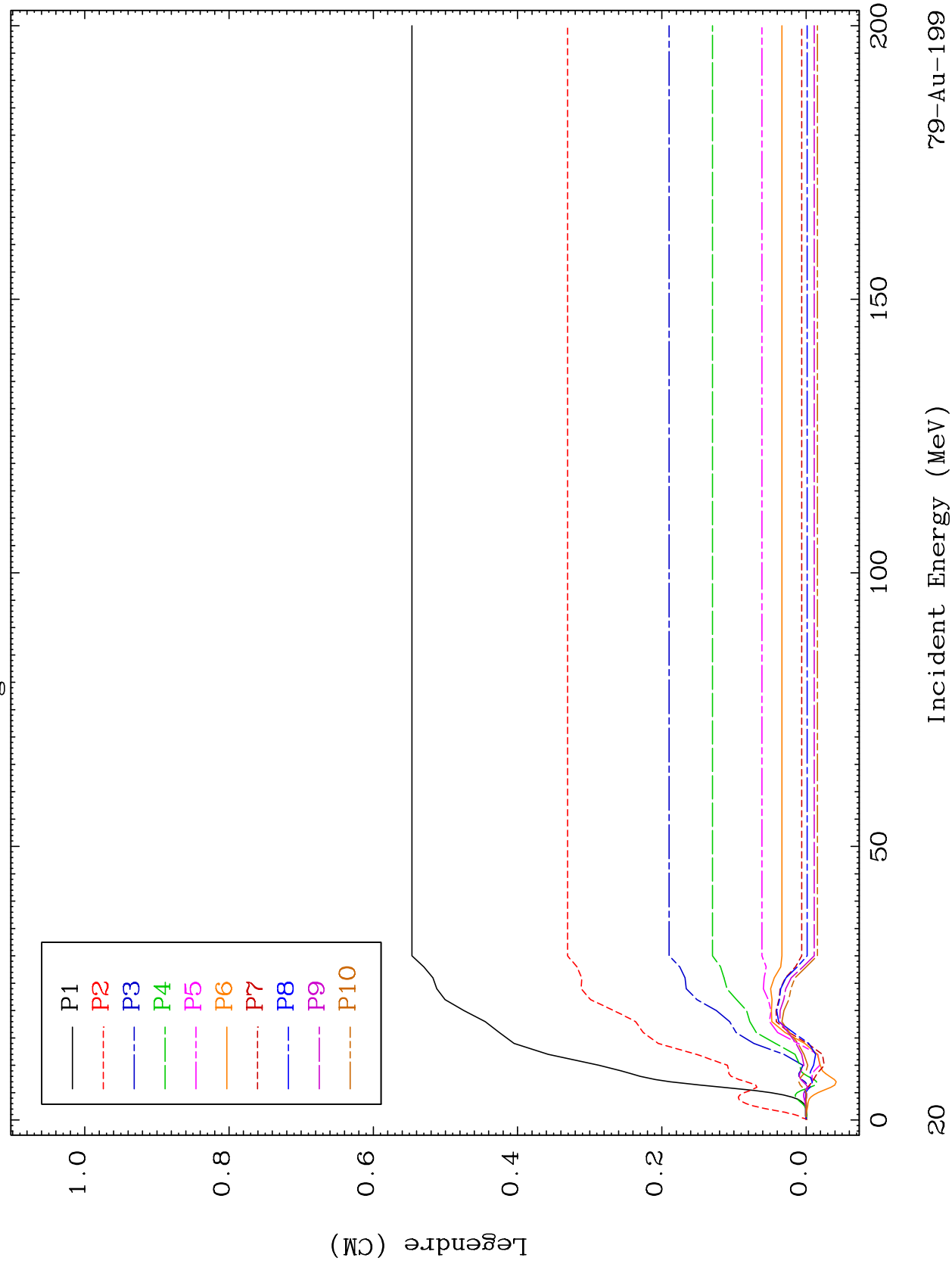




MAT 7931

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

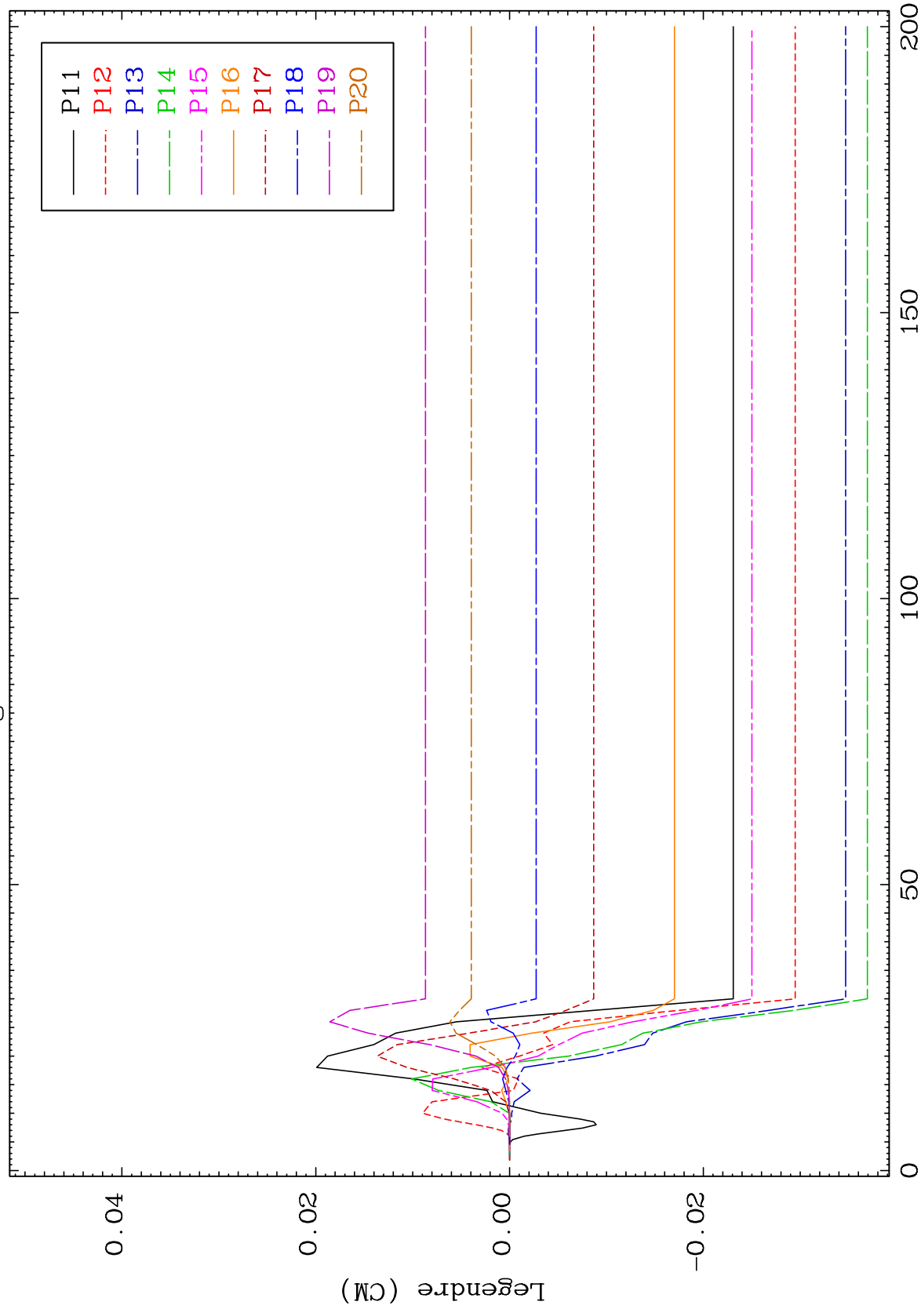
79-Au-199



MAT 7931

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

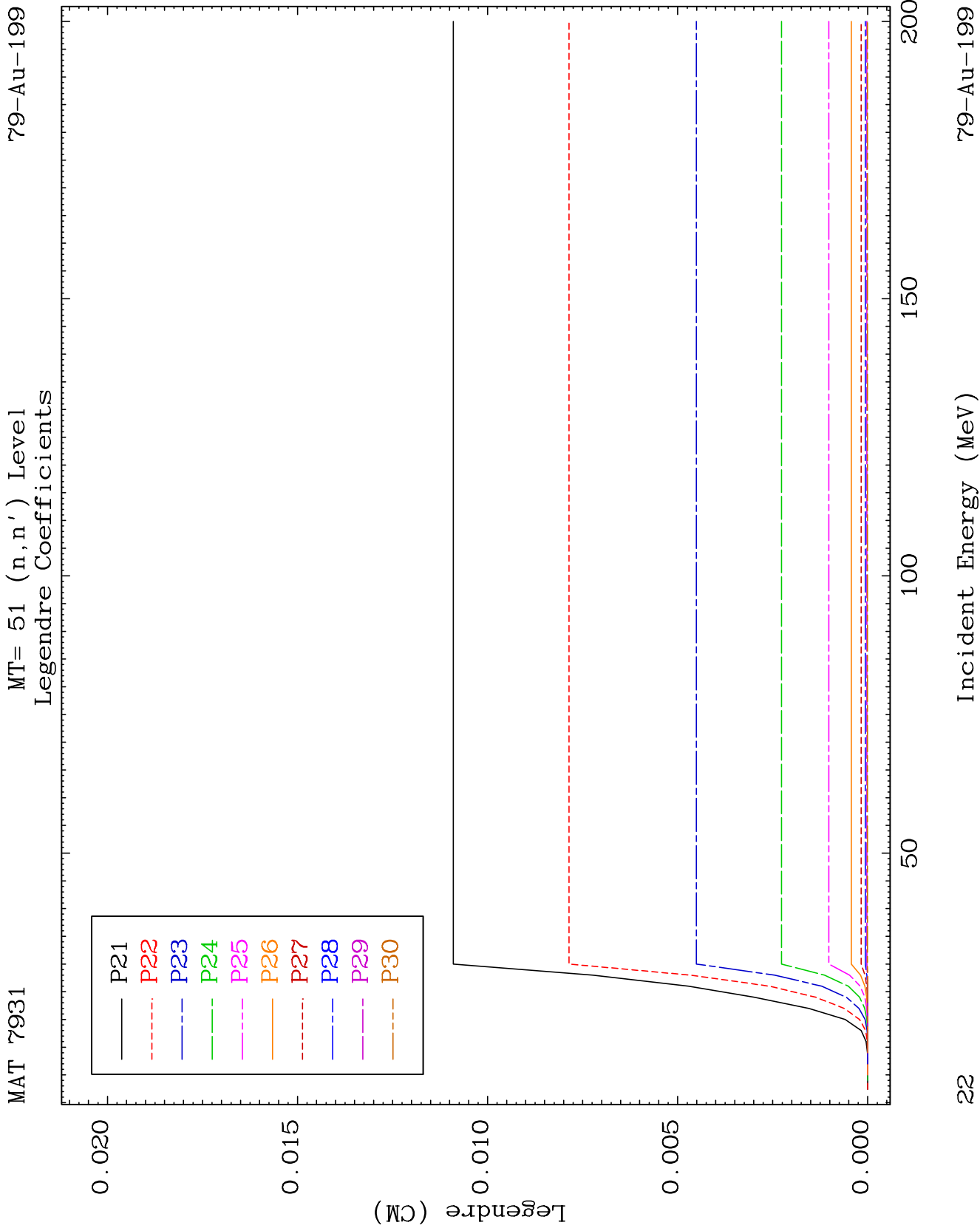
79-Au-199

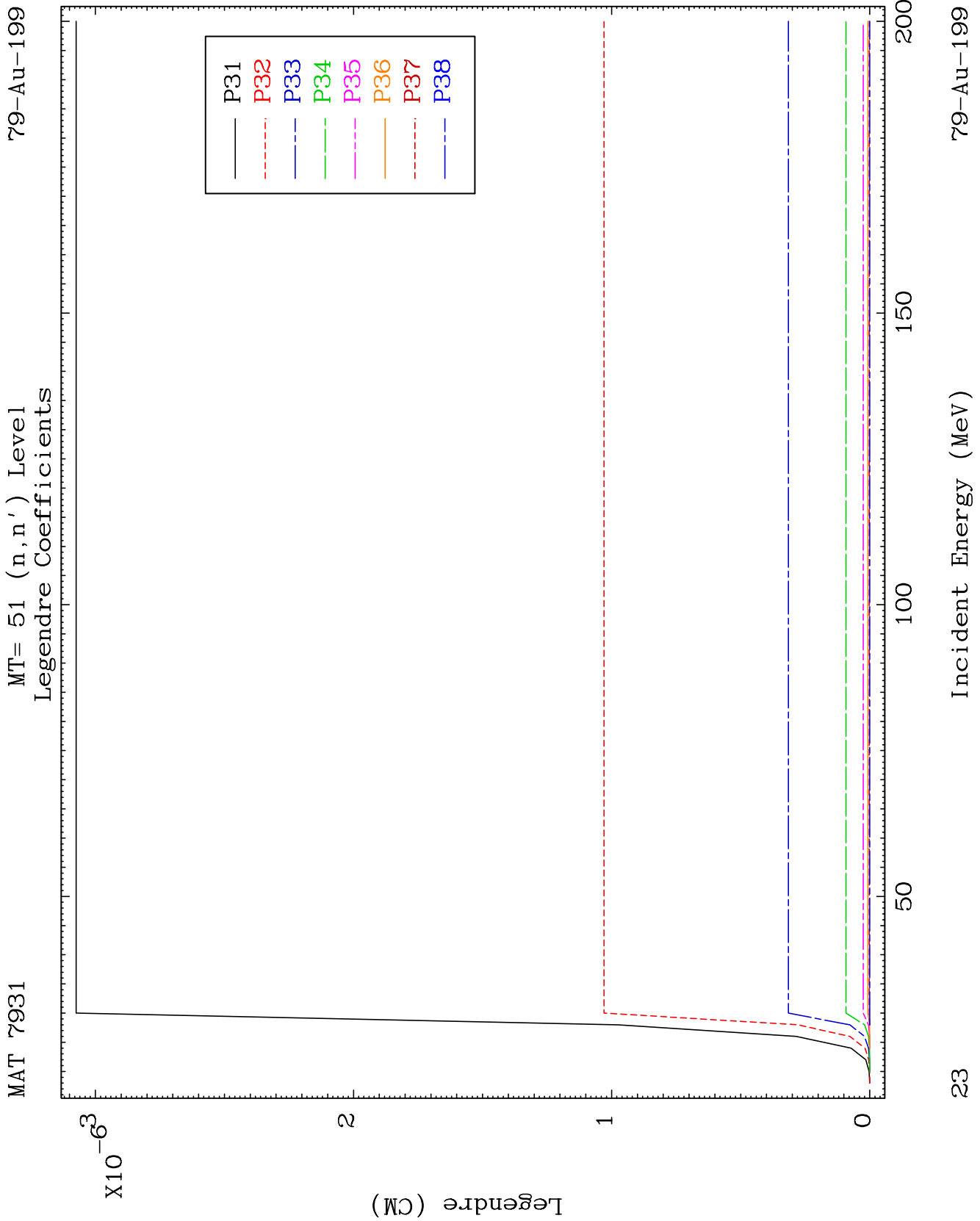


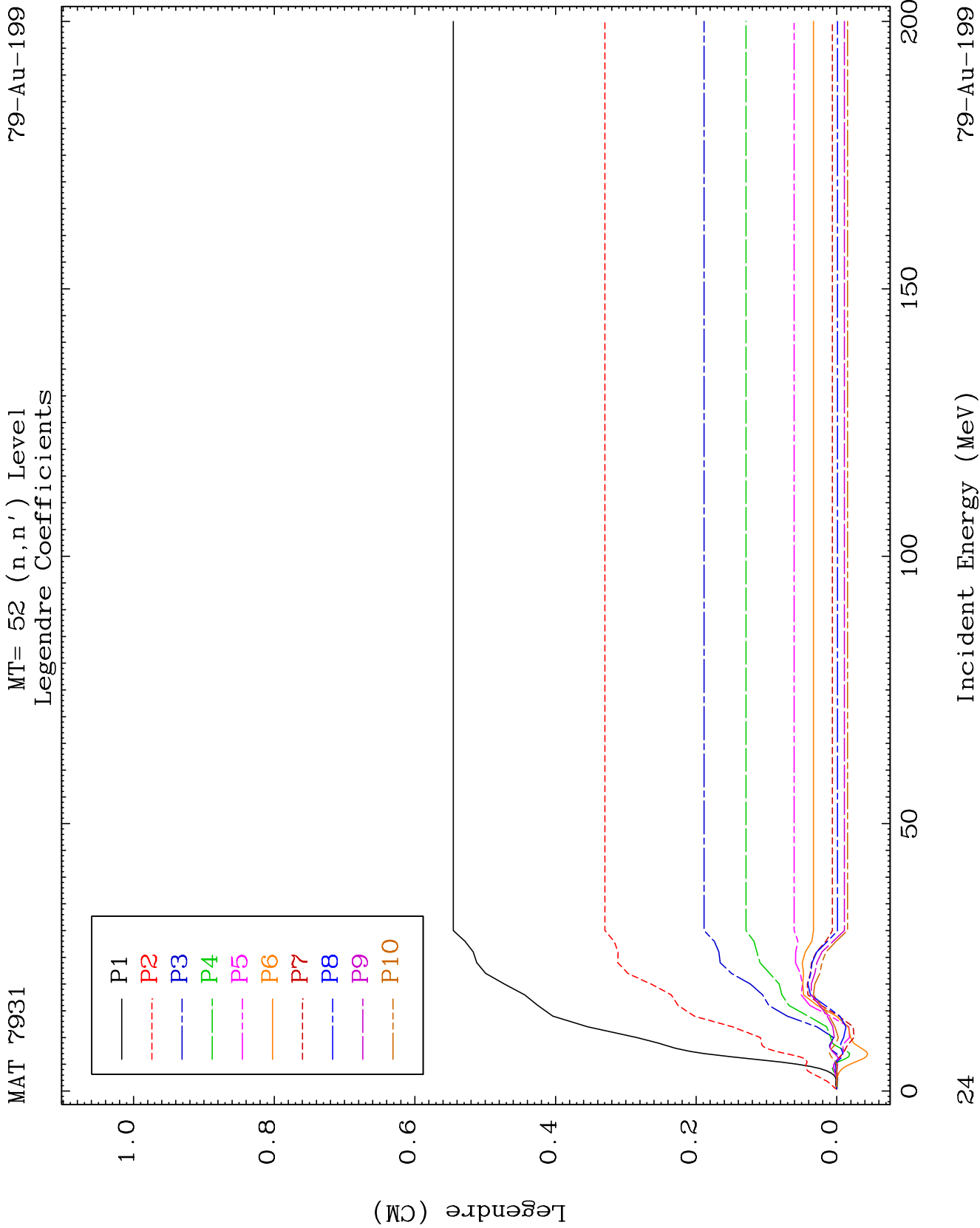
21

Incident Energy (MeV)

79-Au-199



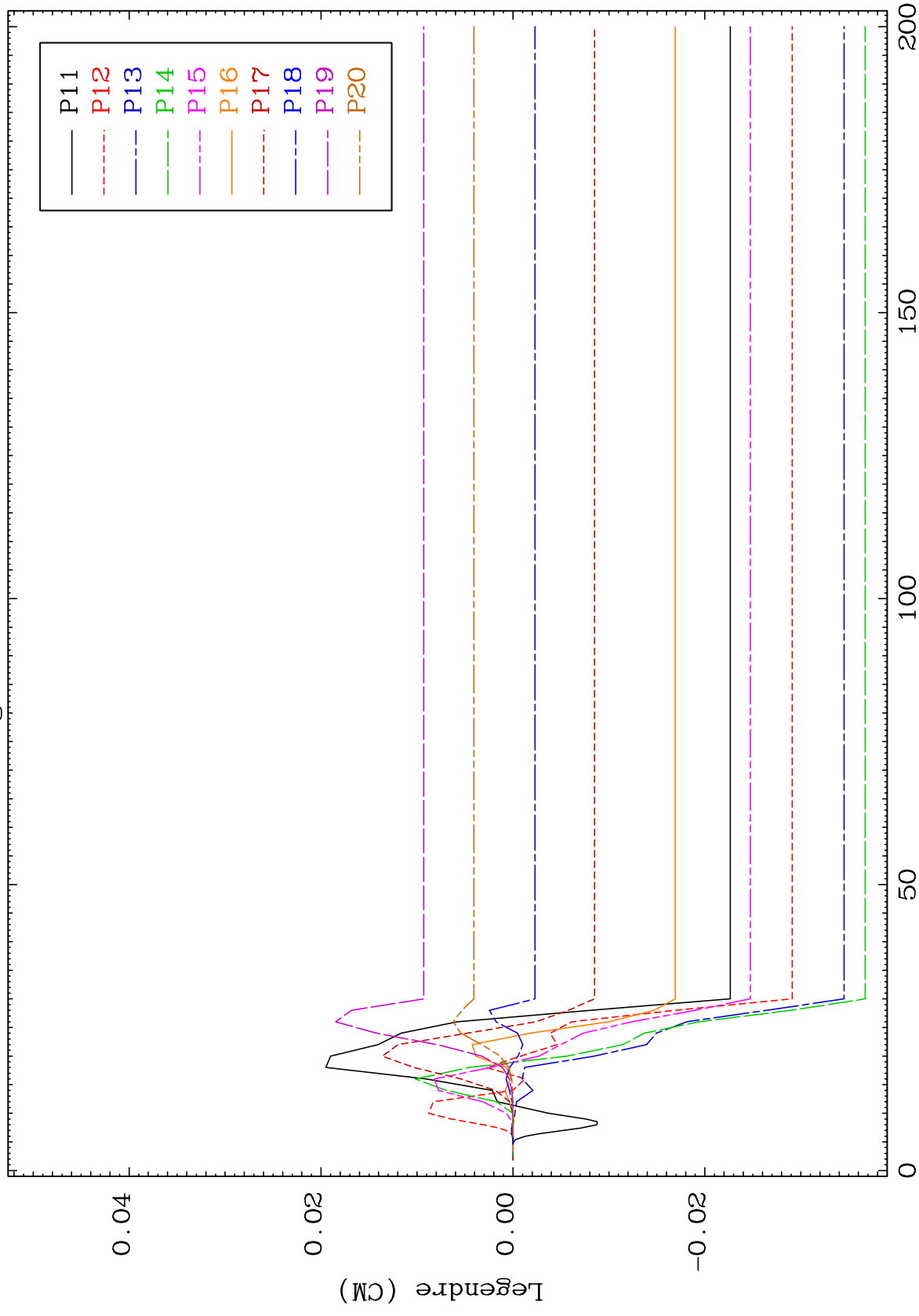




MAT 7931

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

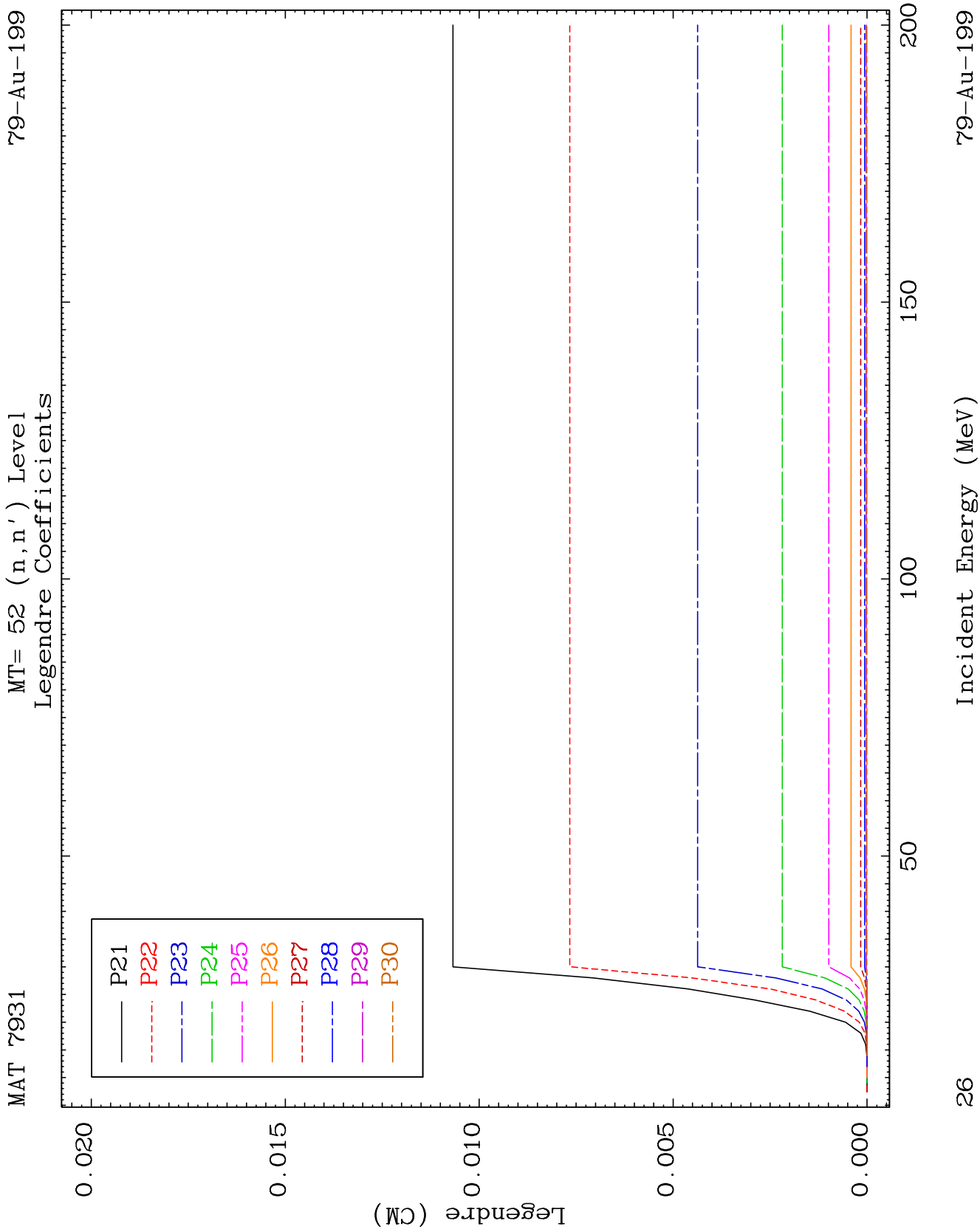
79-Au-199

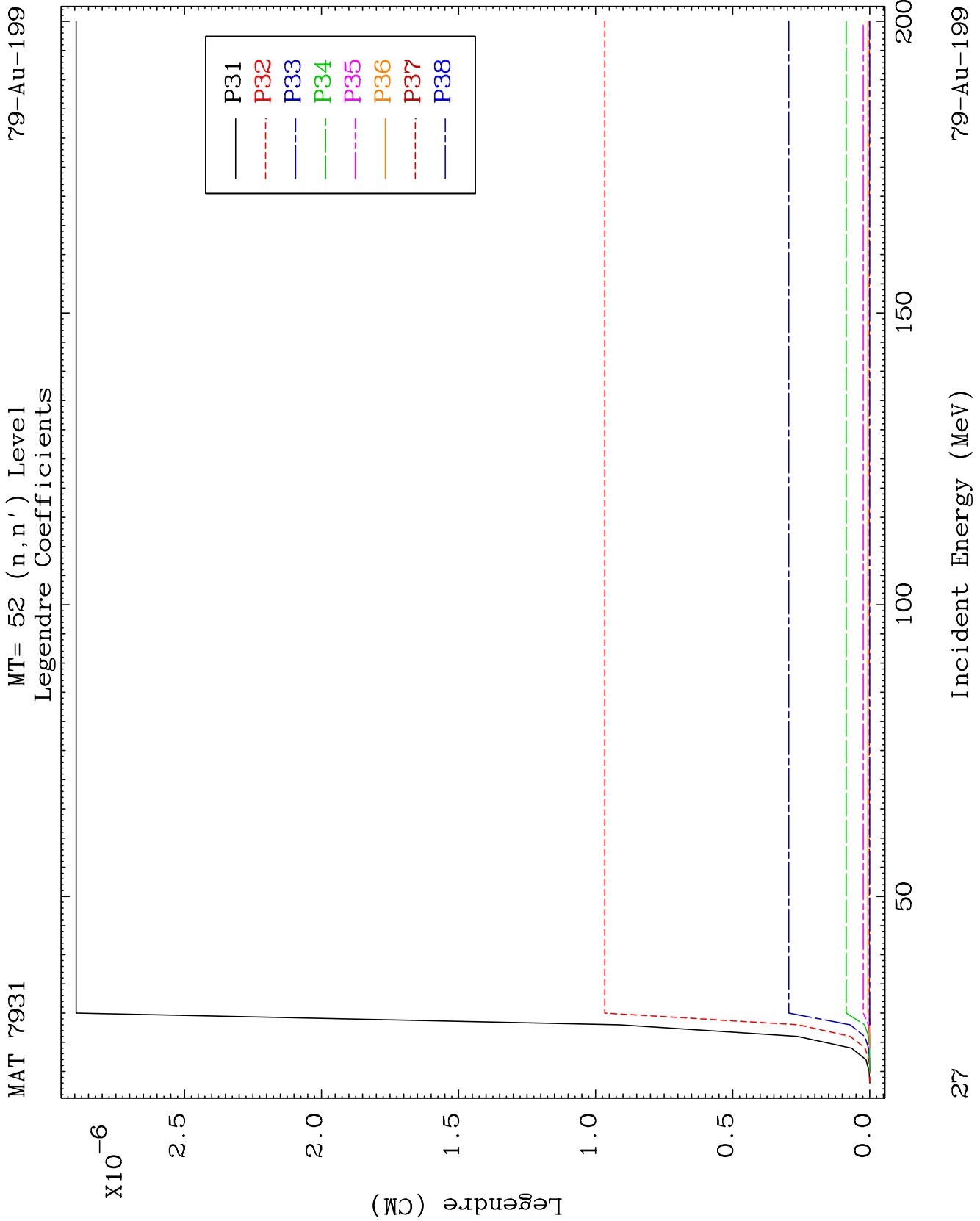


25

Incident Energy (MeV)

79-Au-199

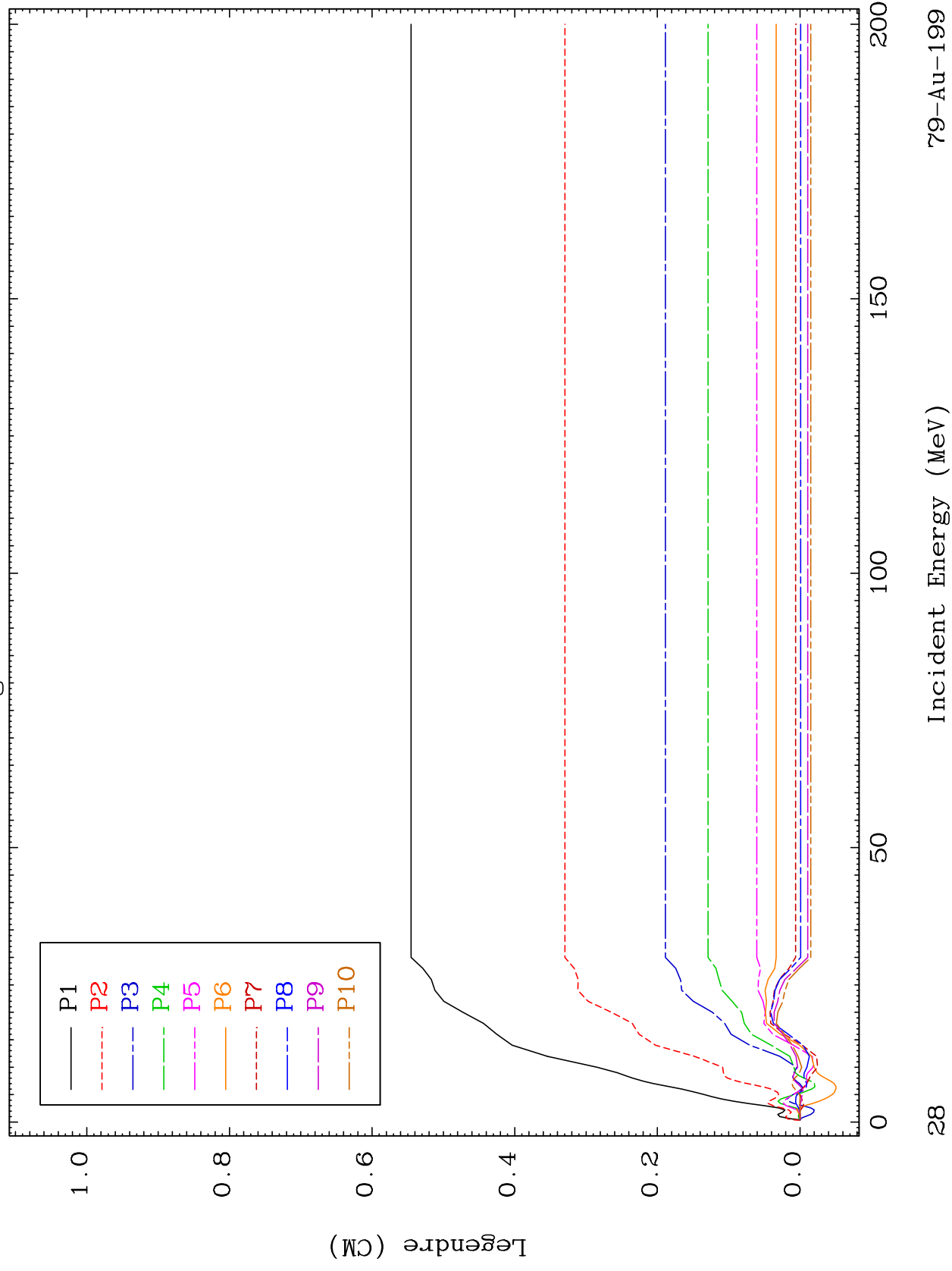


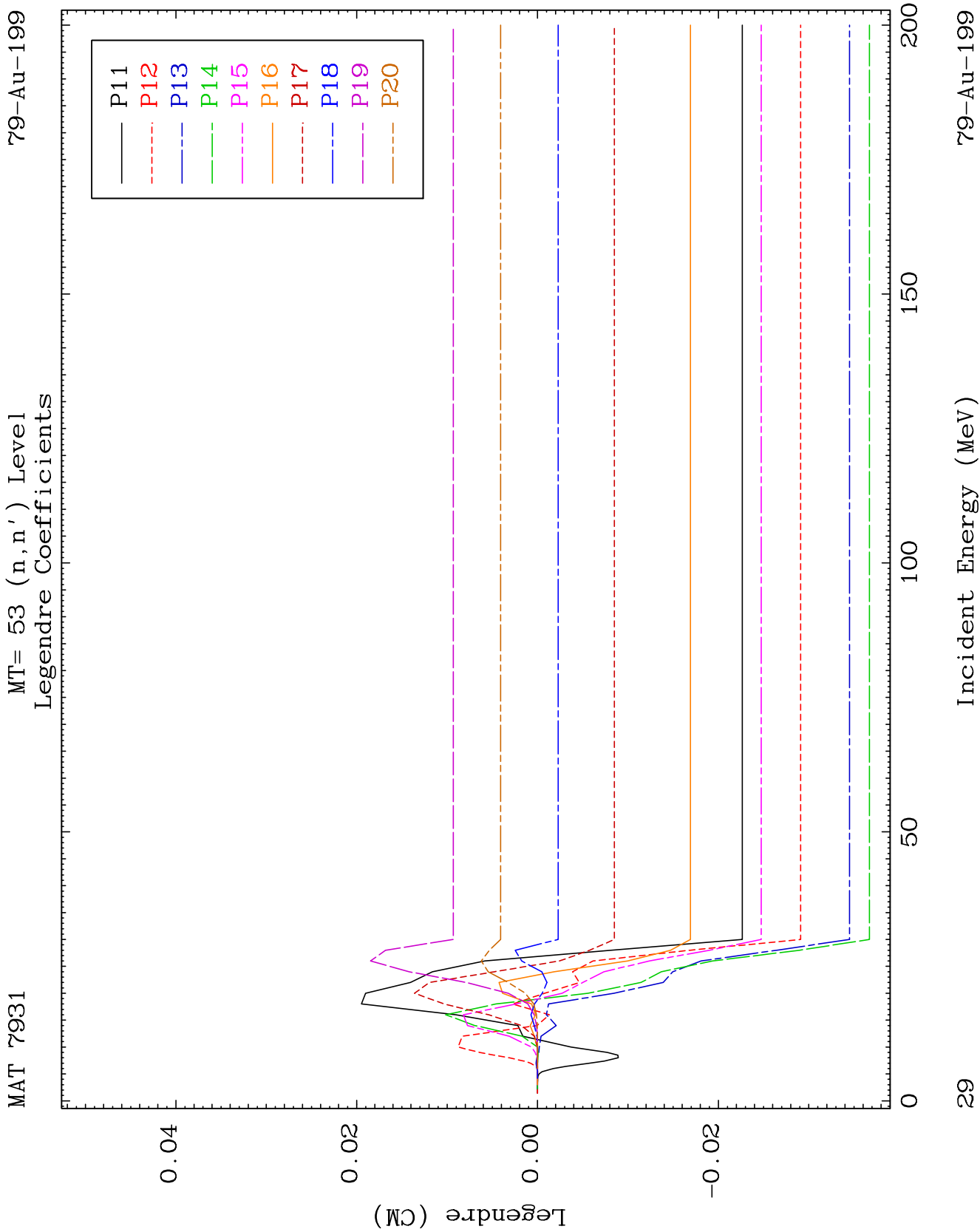


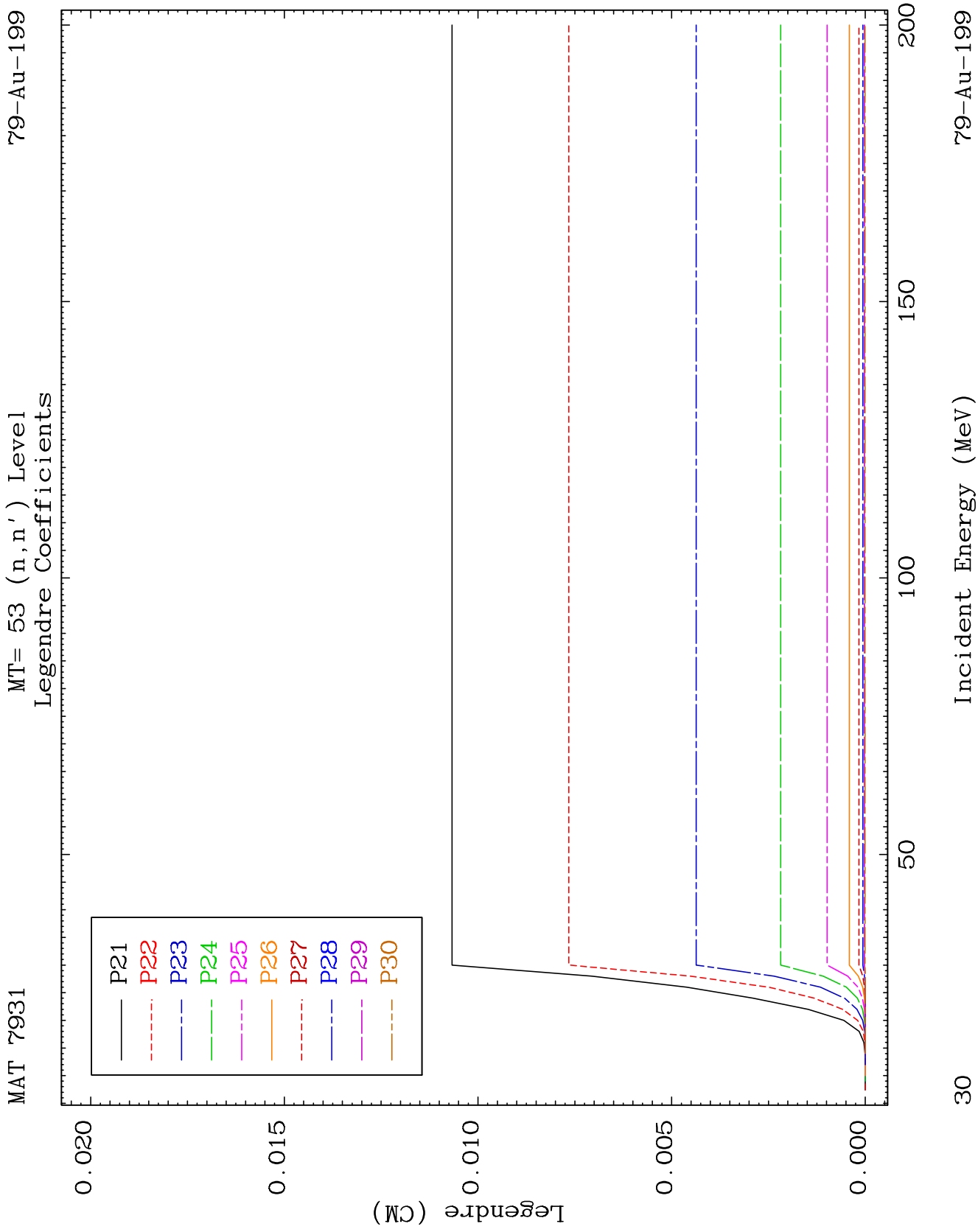
MAT 7931

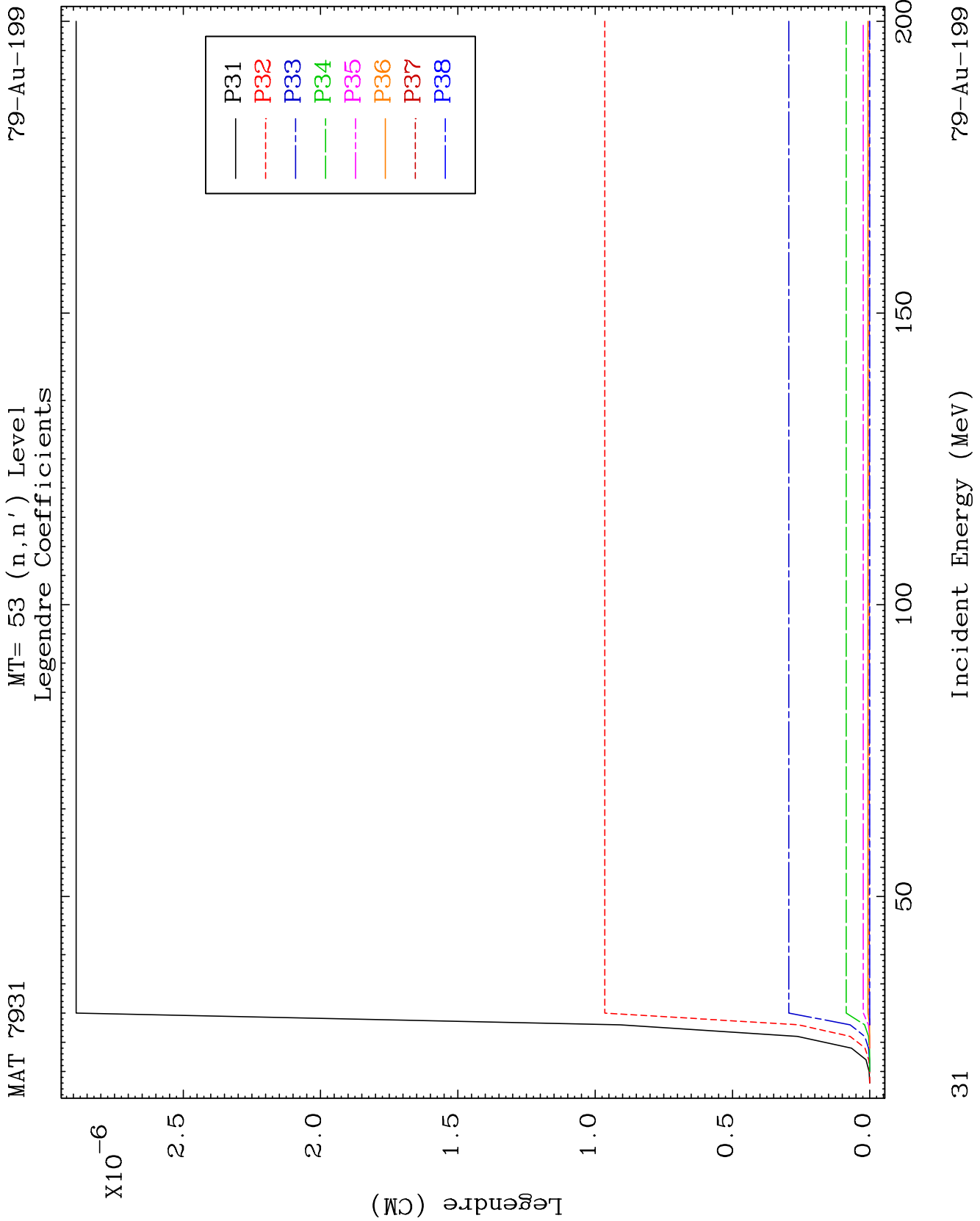
MT= 53 (n, n') Level
Legendre Coefficients

79-Au-199





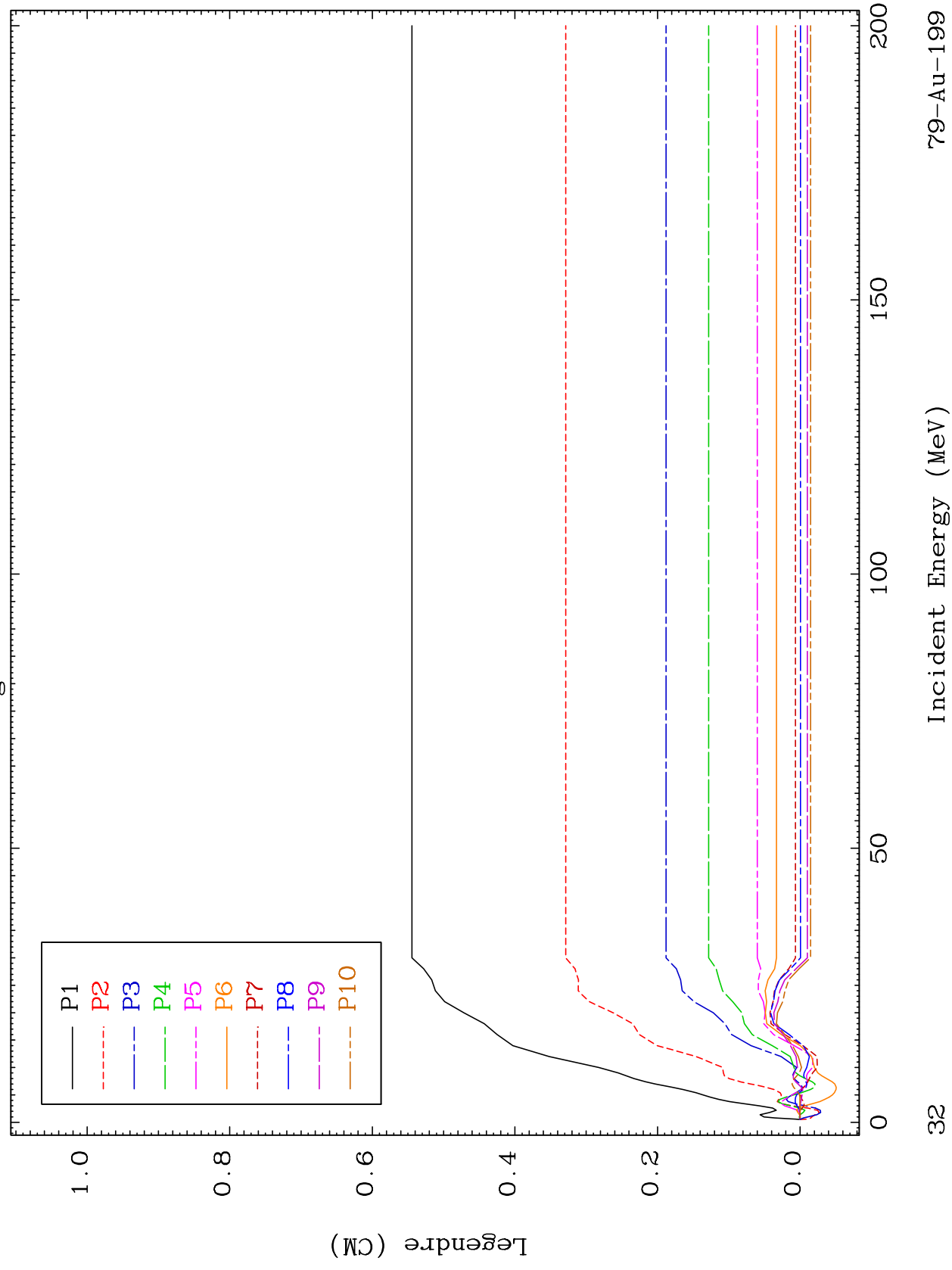




MAT 7931

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

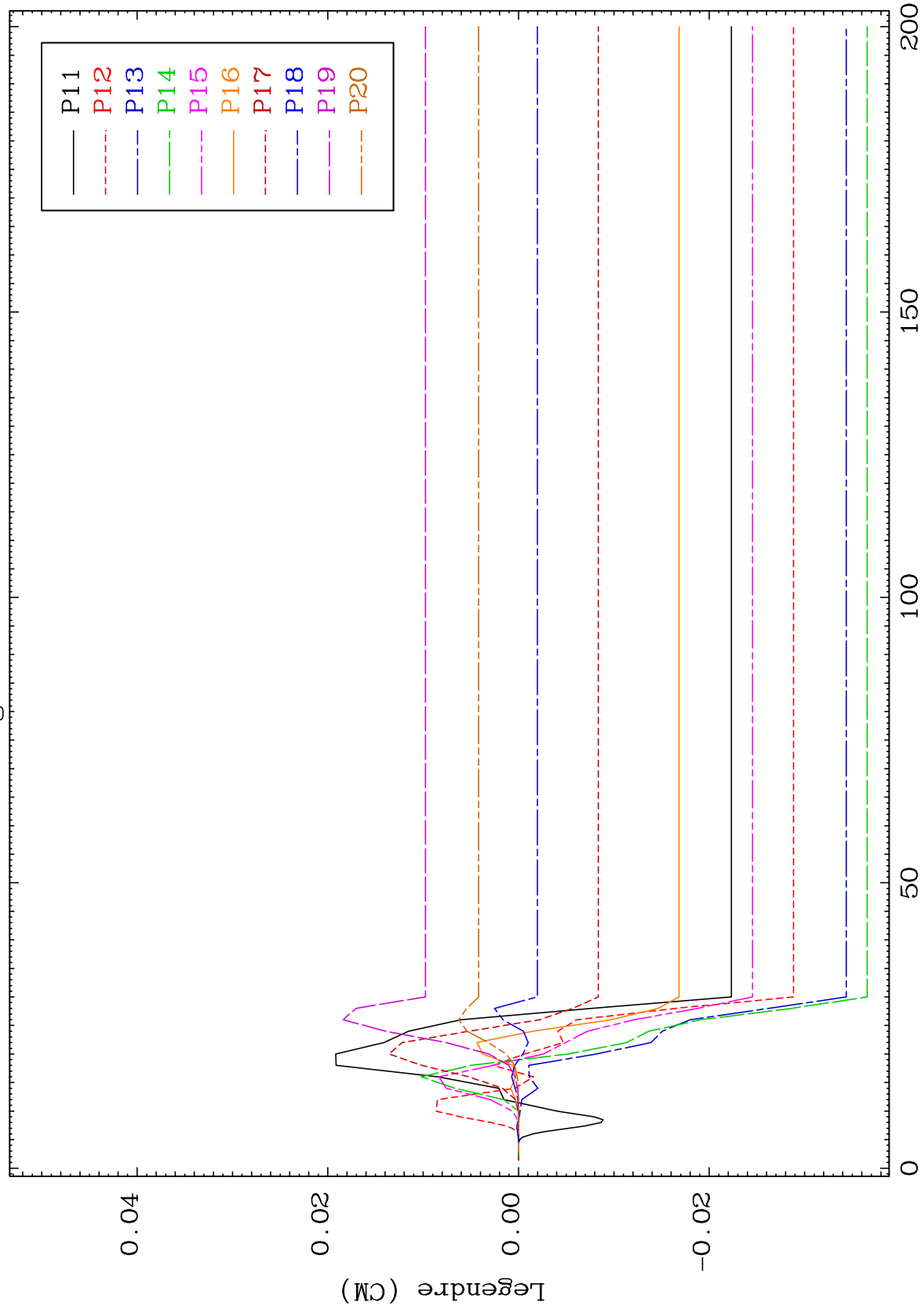
79-Au-199



MAT 7931

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

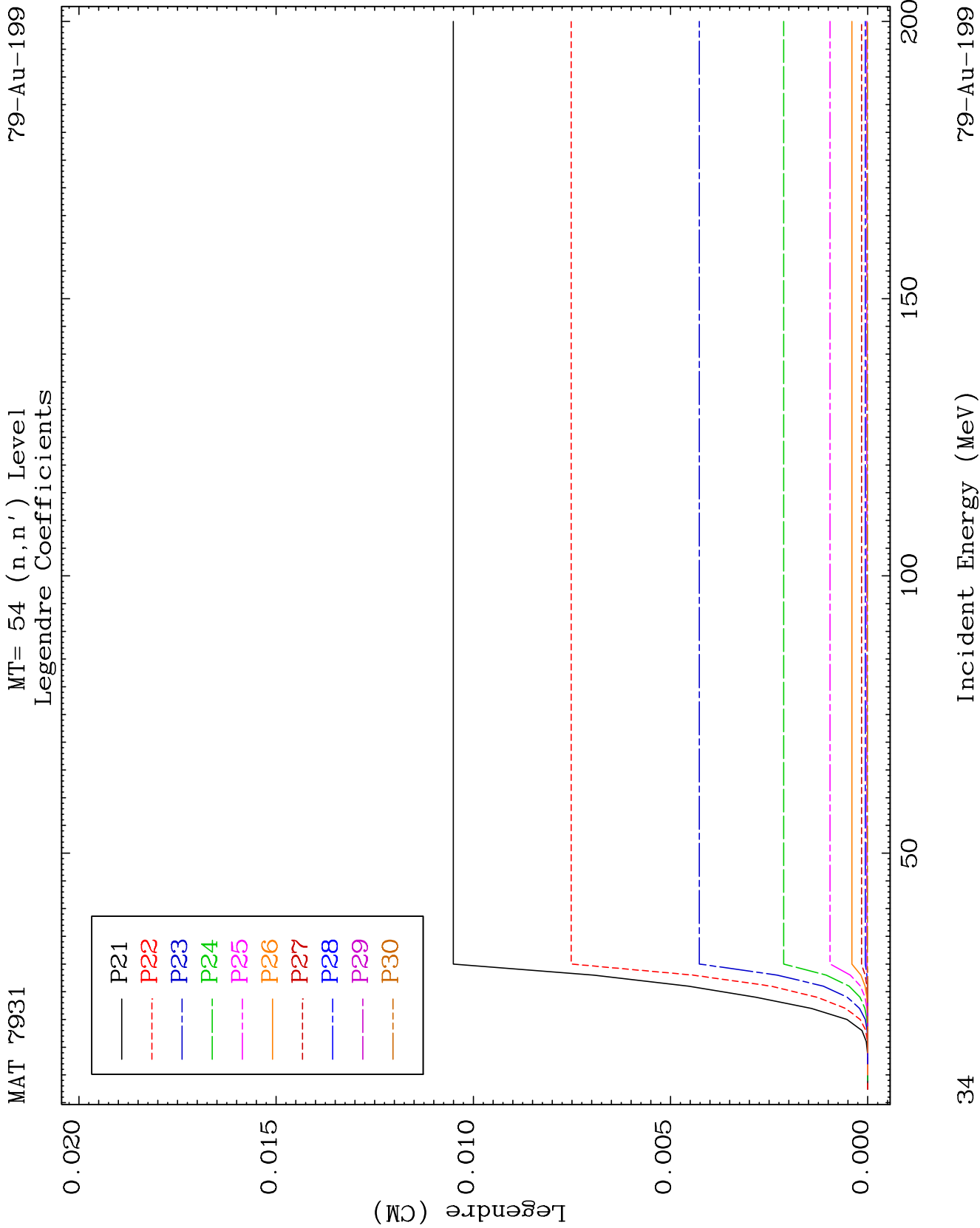
79-Au-199

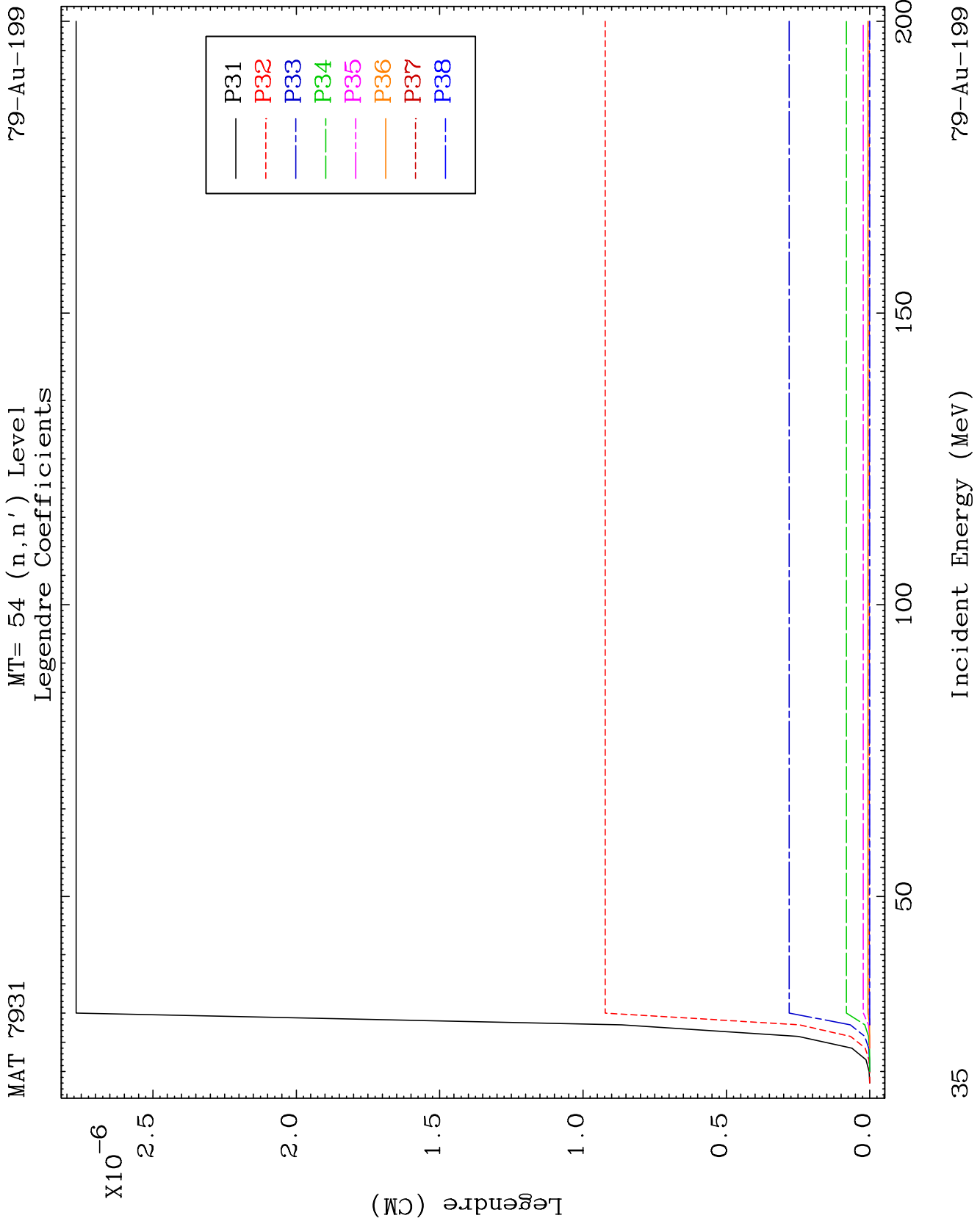


33

Incident Energy (MeV)

79-Au-199

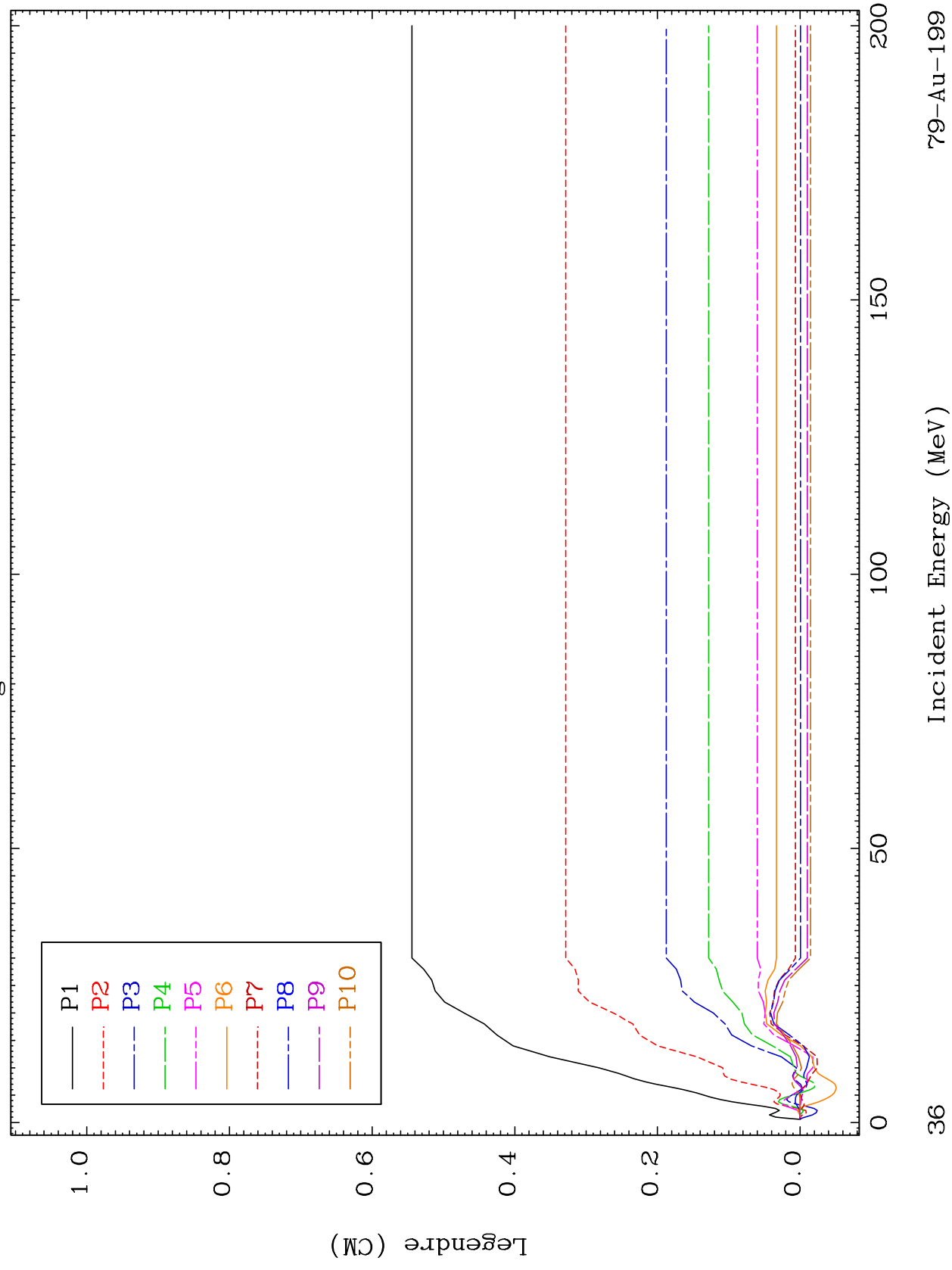


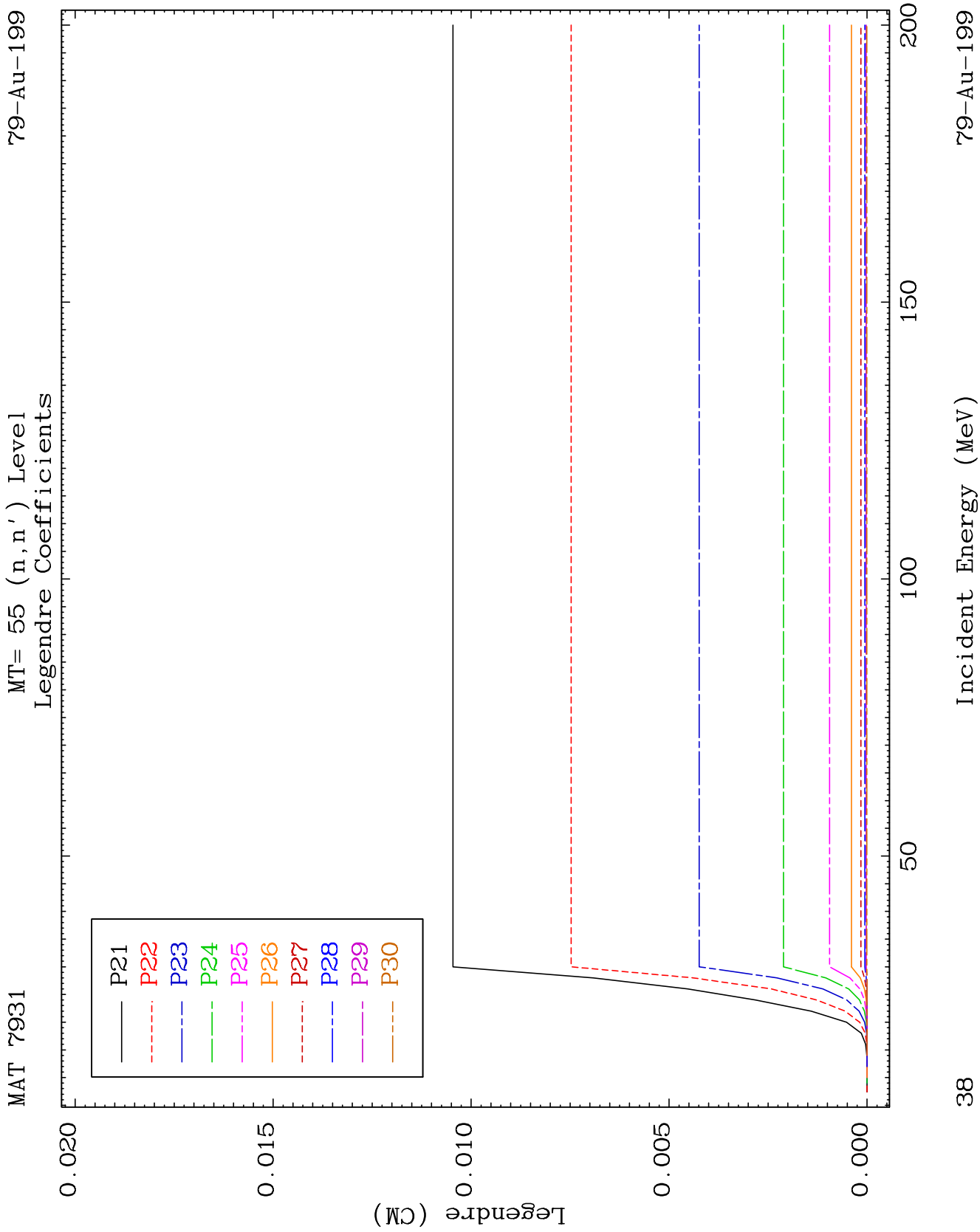


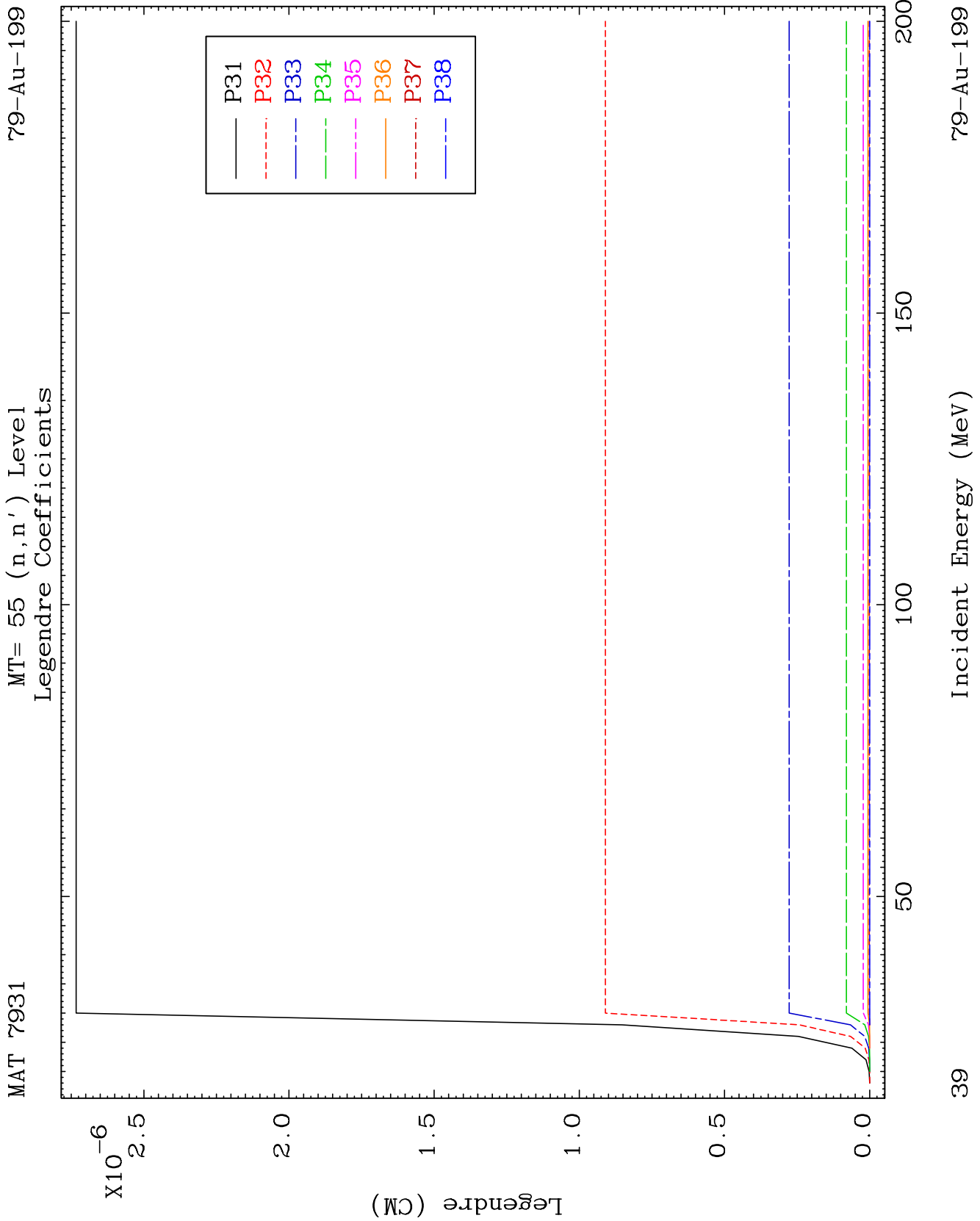
MAT 7931

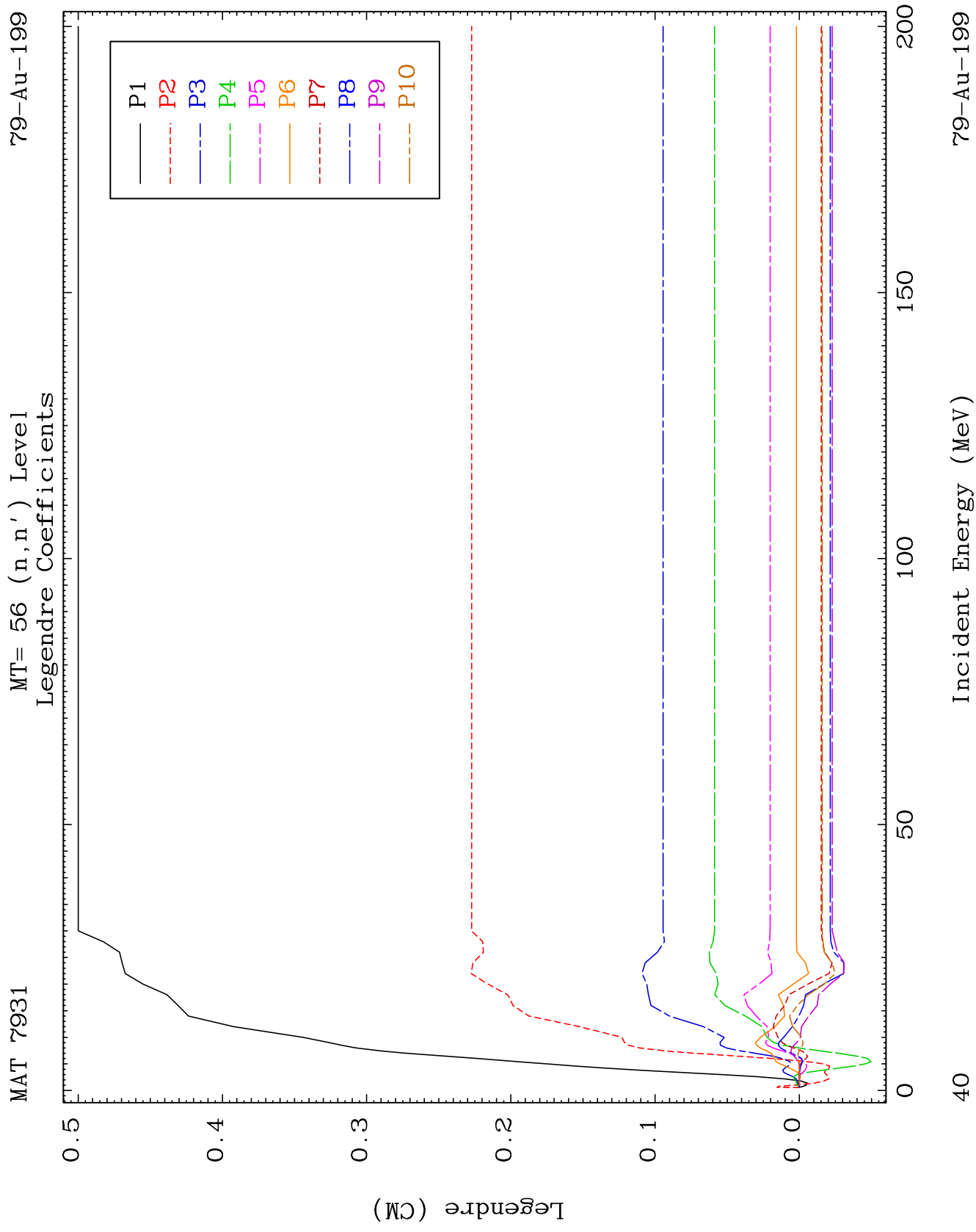
MT= 55 (n, n') Level
Legendre Coefficients

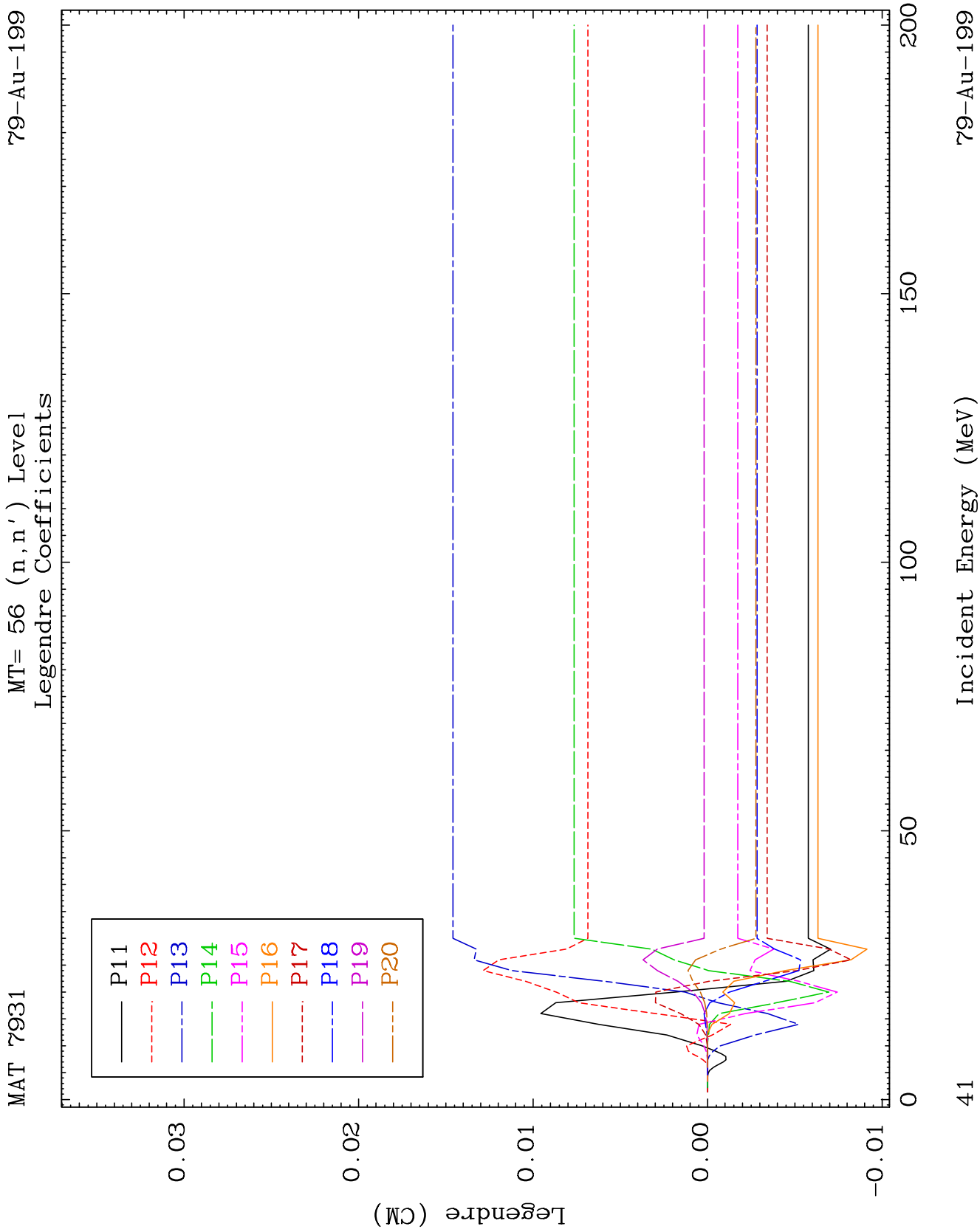
79-Au-199

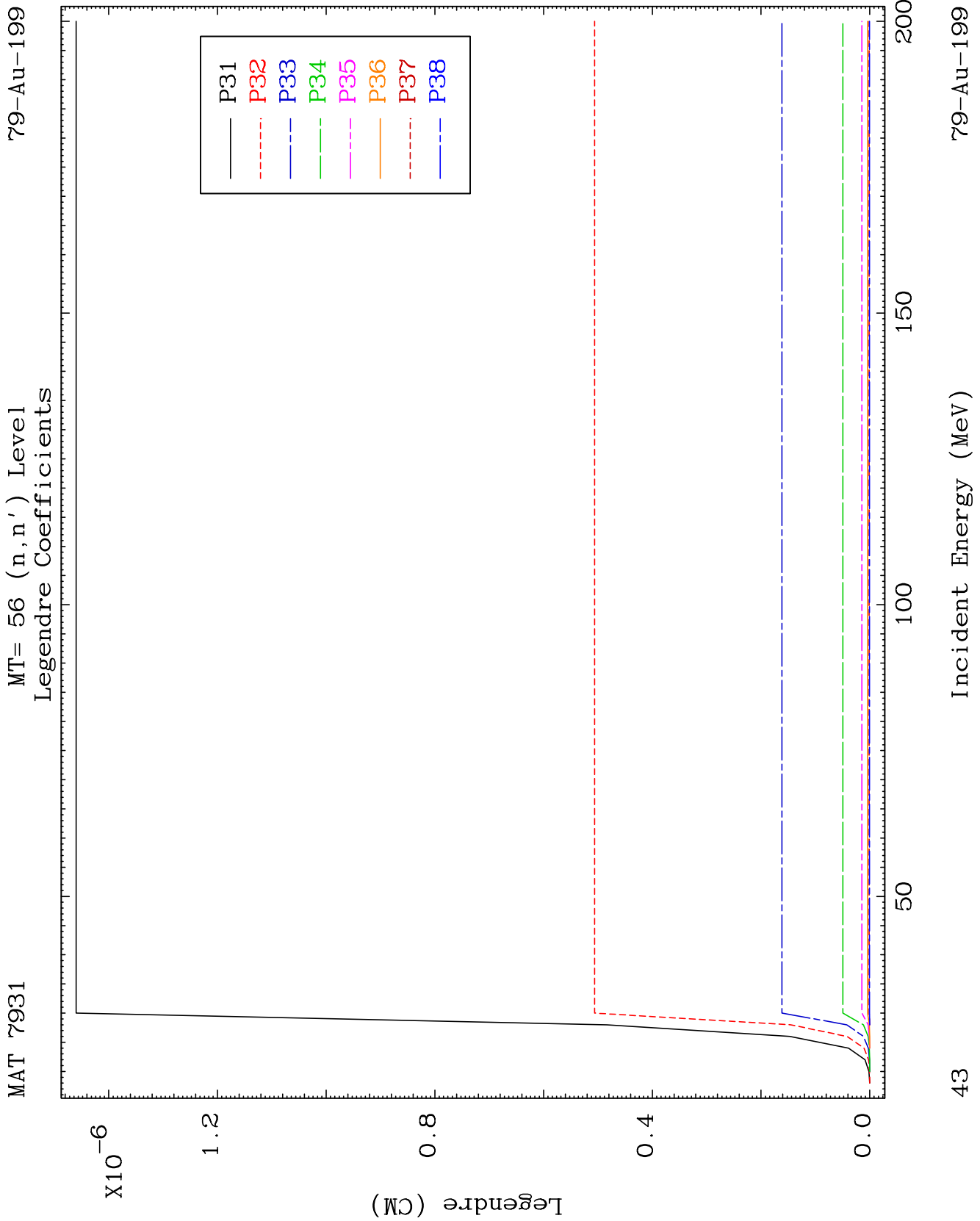


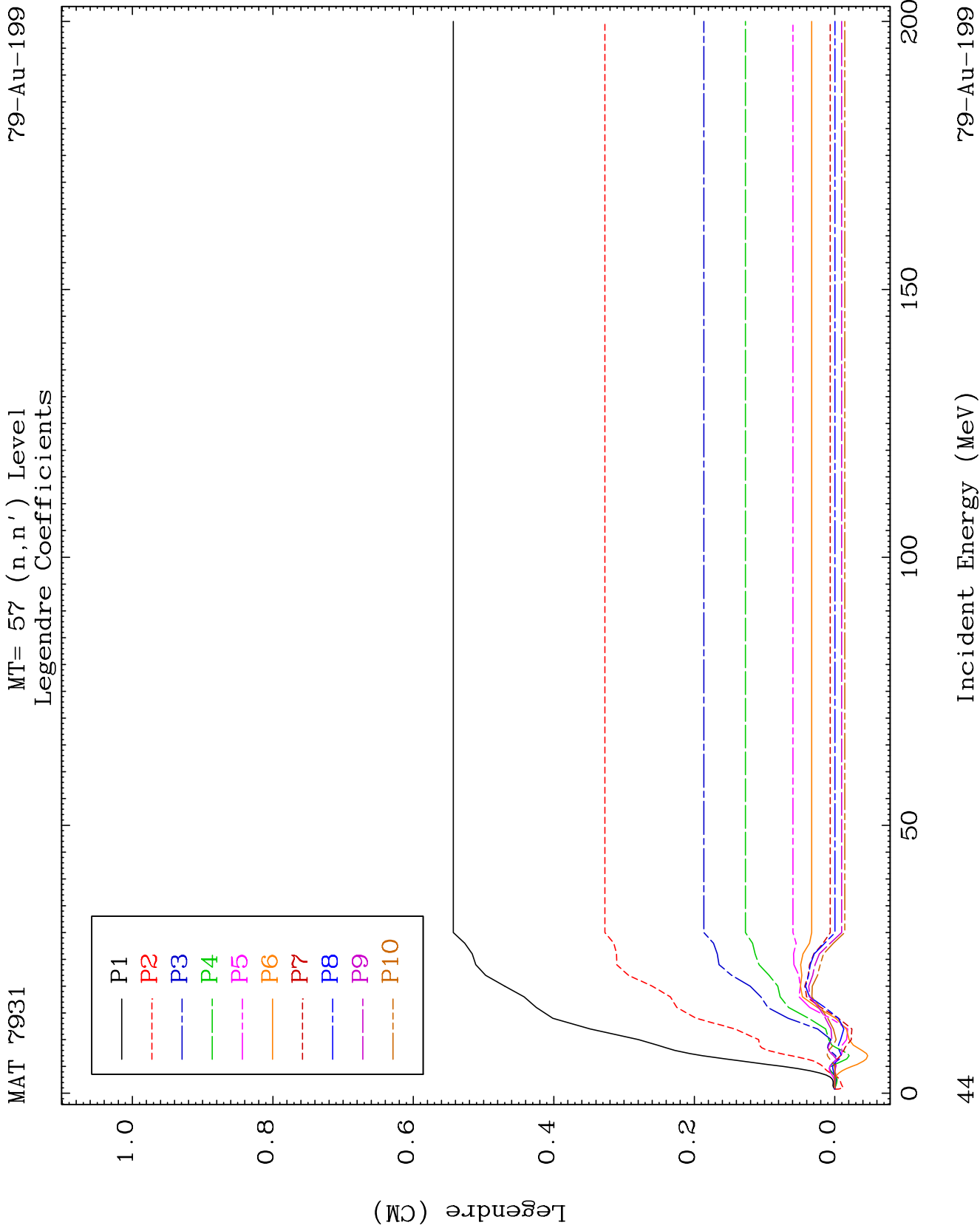


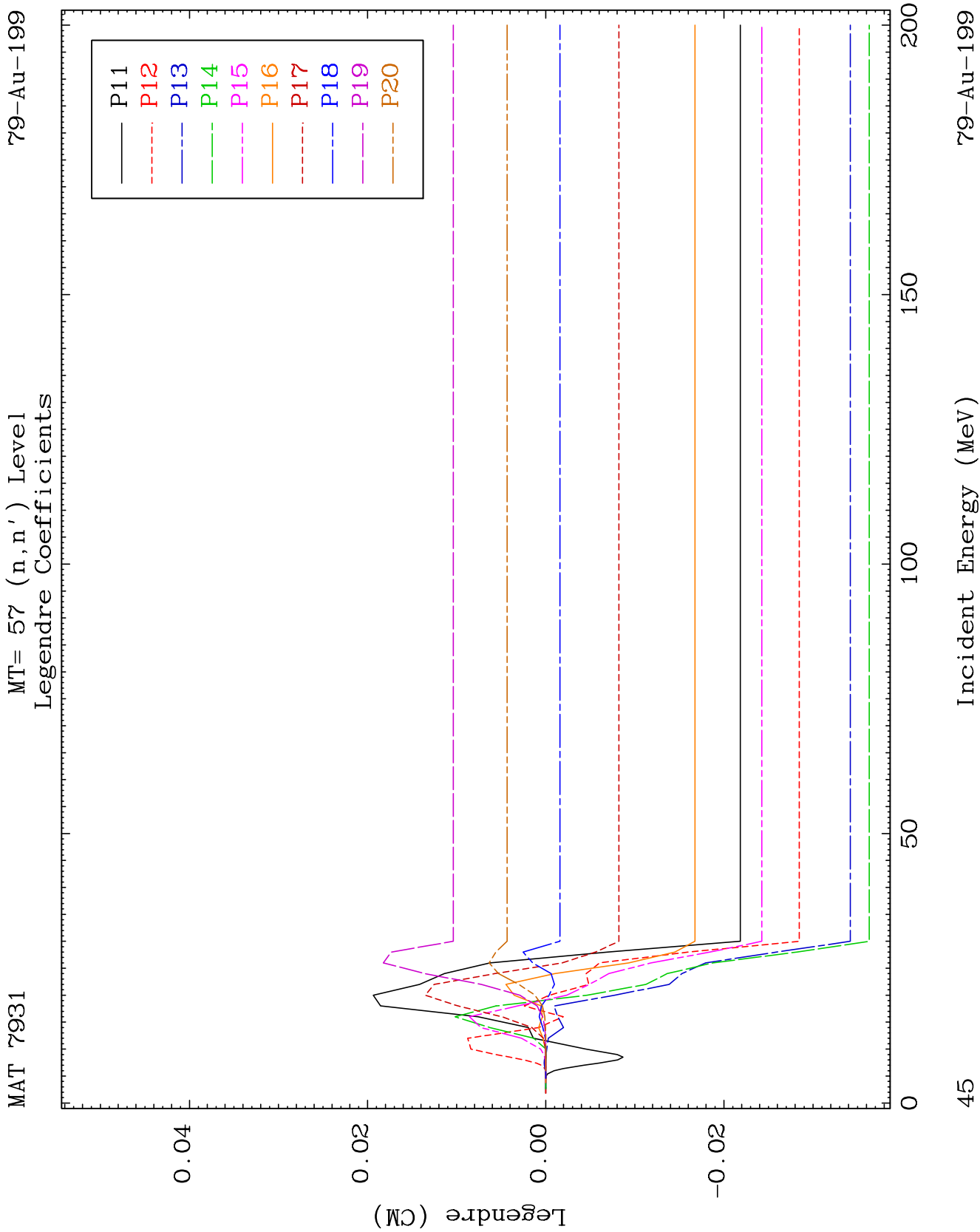


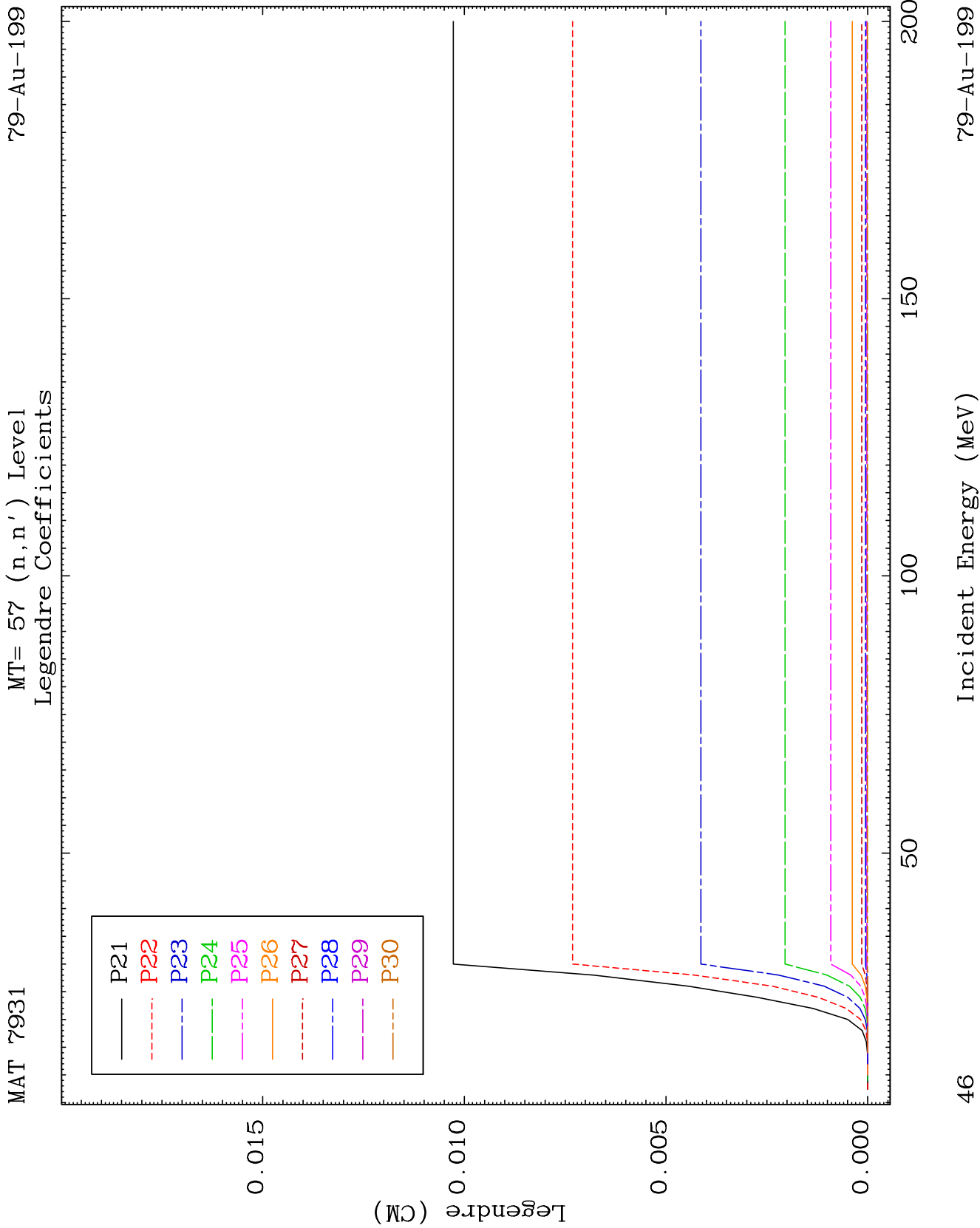








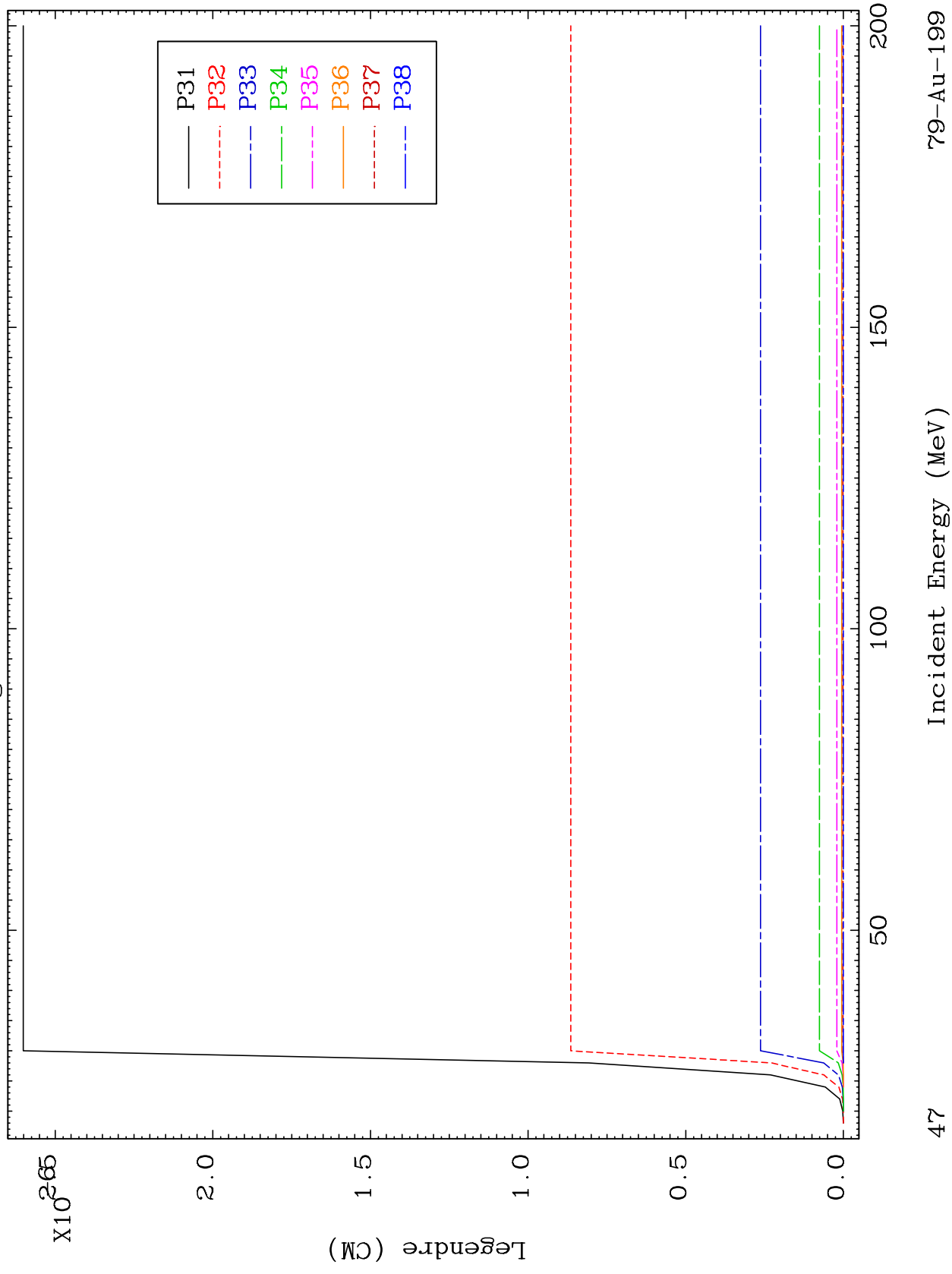


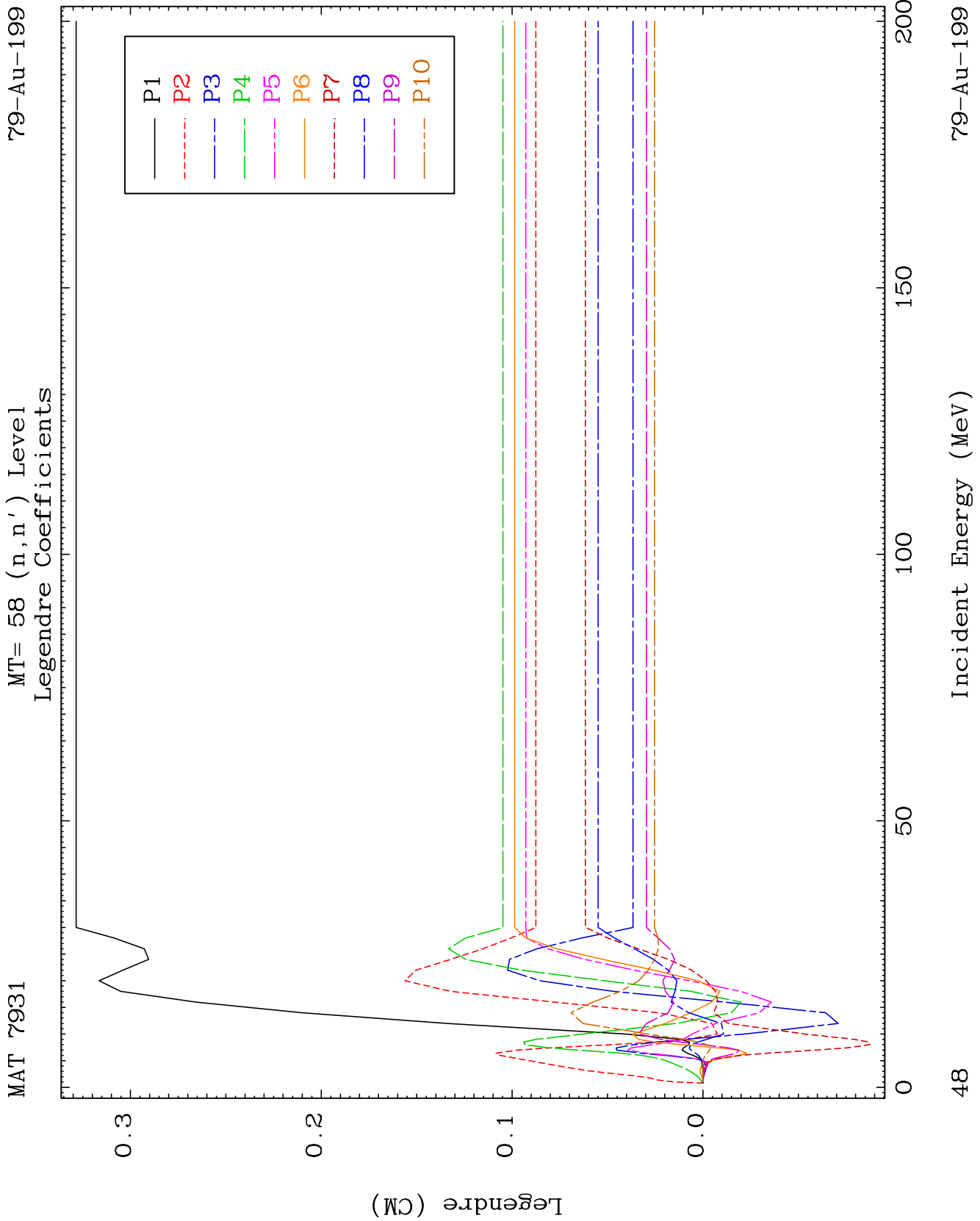


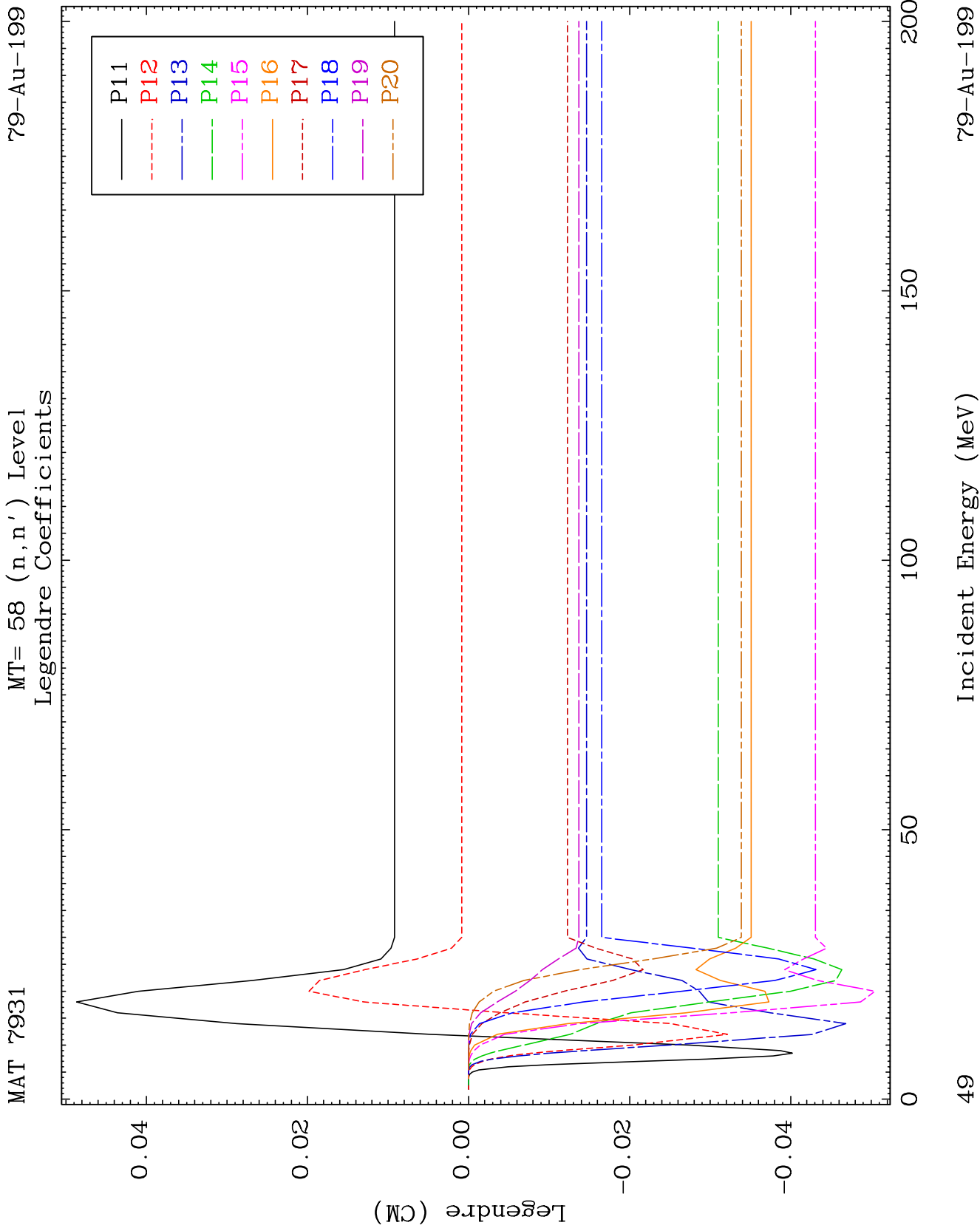
MAT 7931

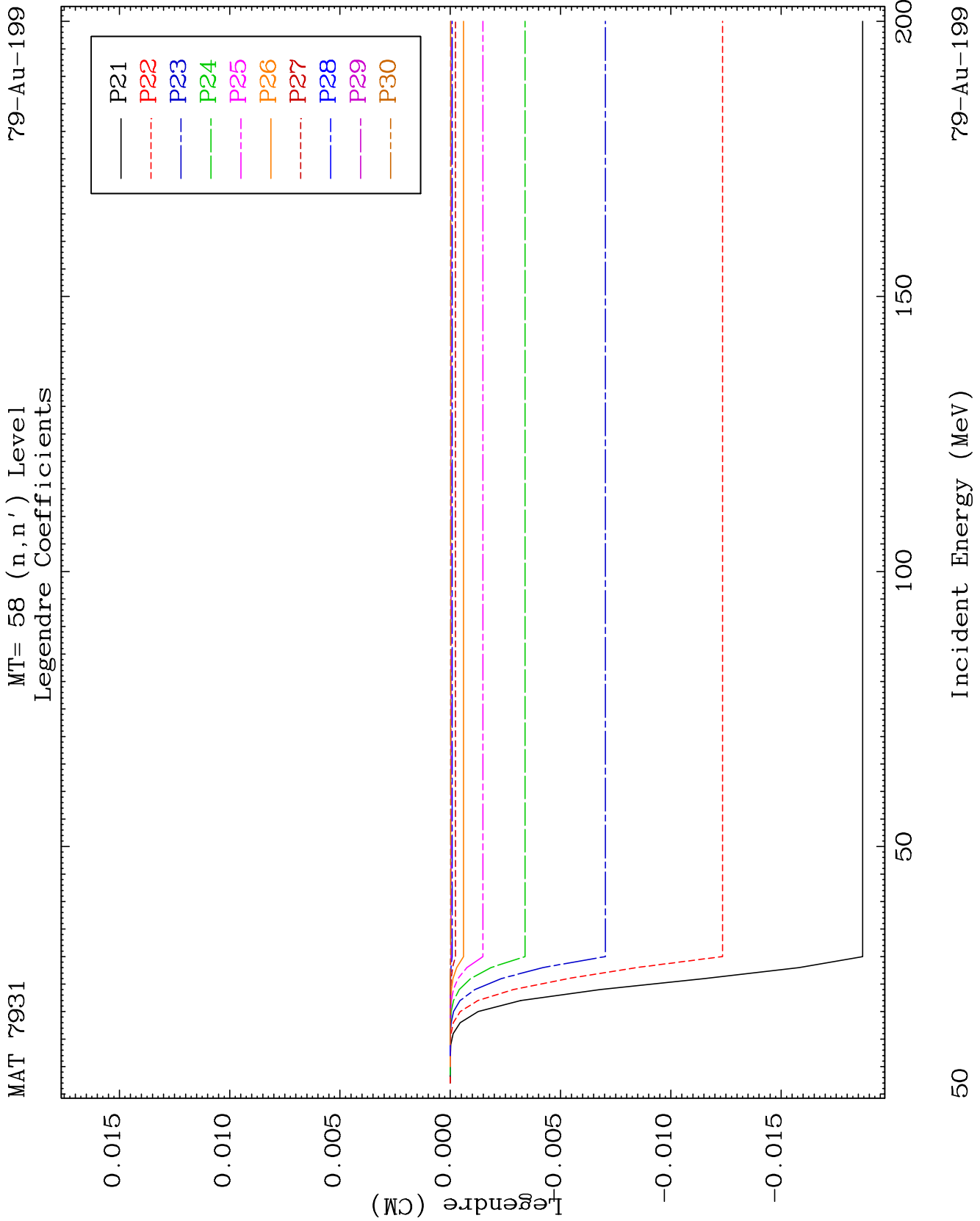
MT= 57 (n, n') Level
Legendre Coefficients

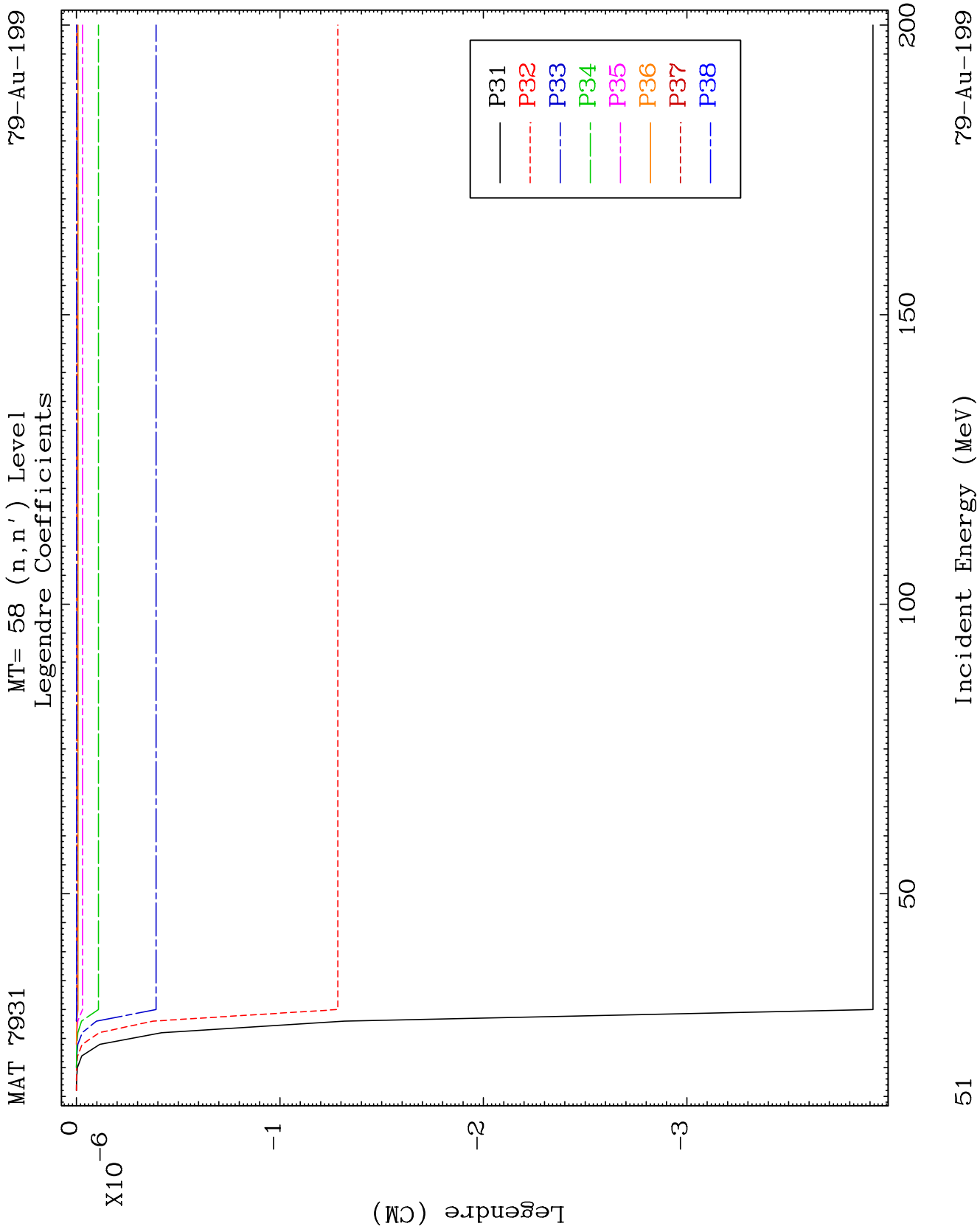
79-Au-199

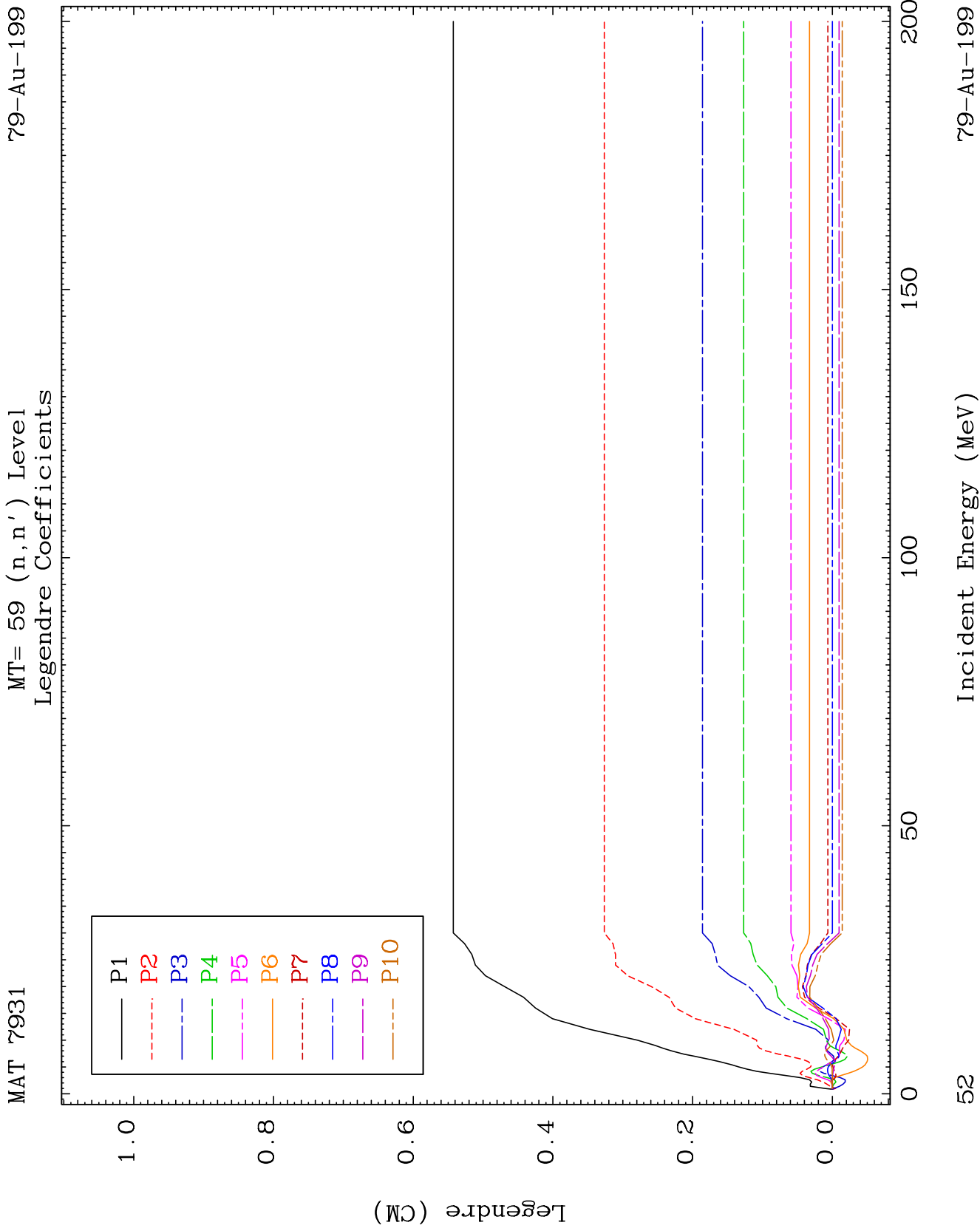








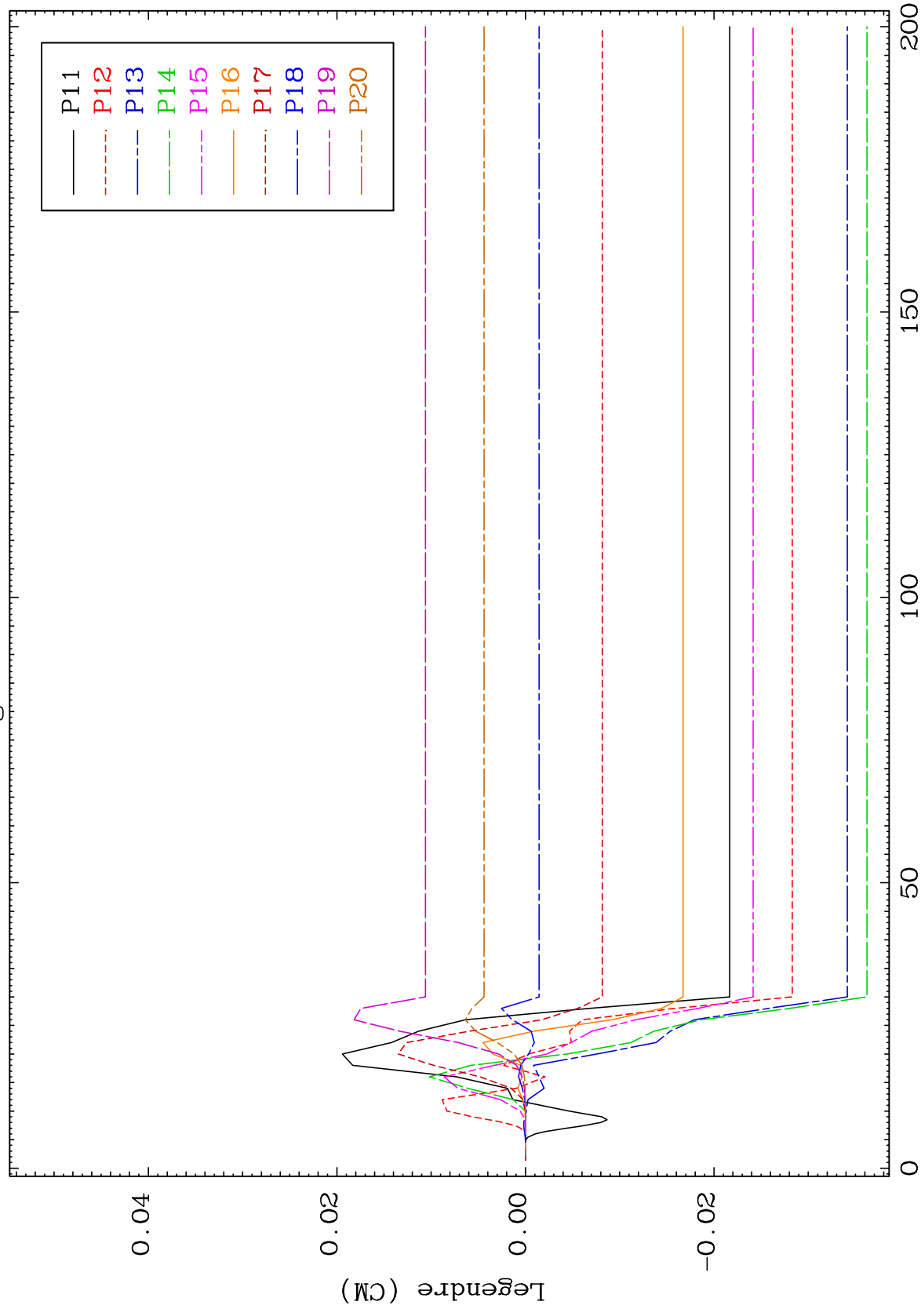




MAT 7931

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

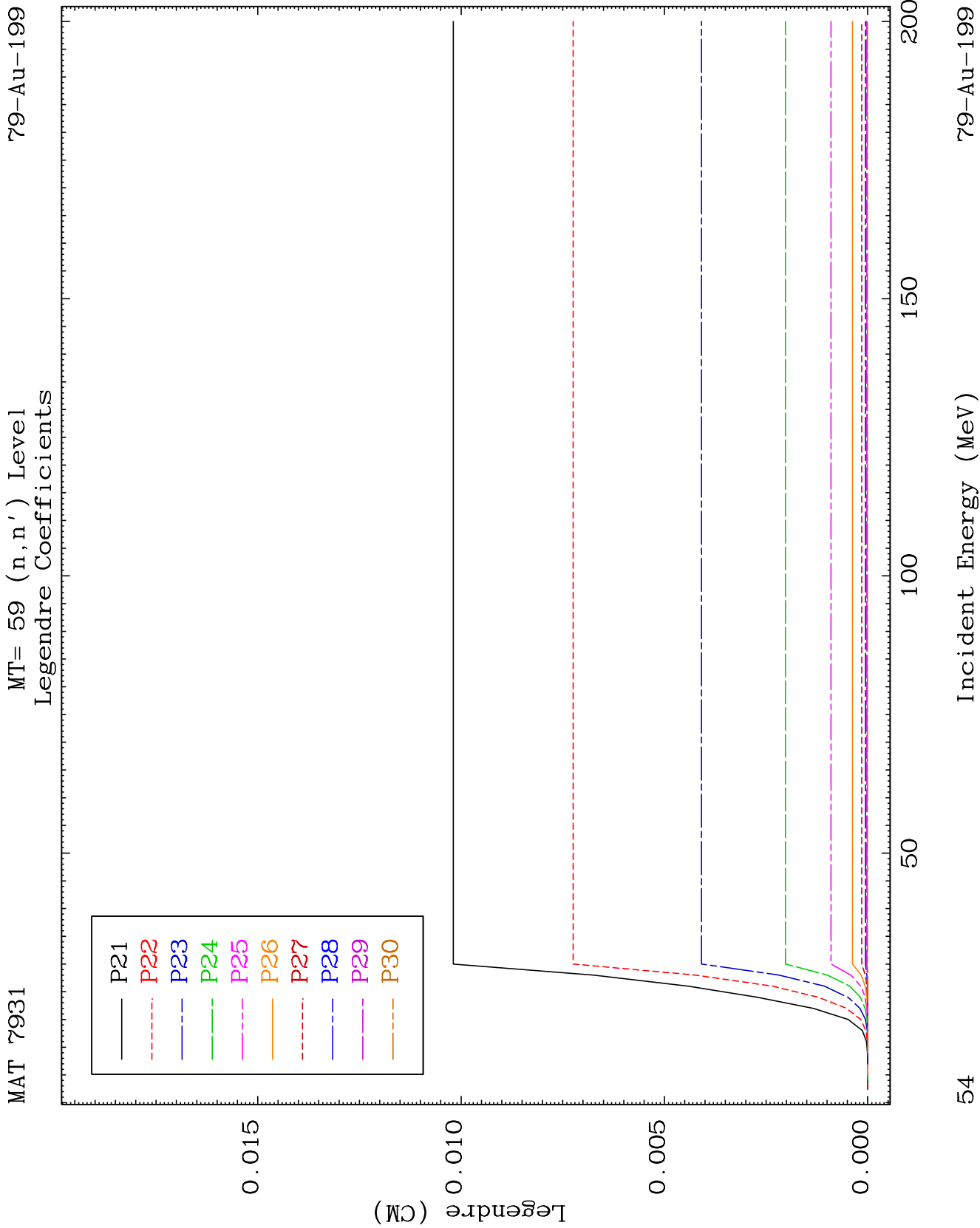
79-Au-199



53

Incident Energy (MeV)

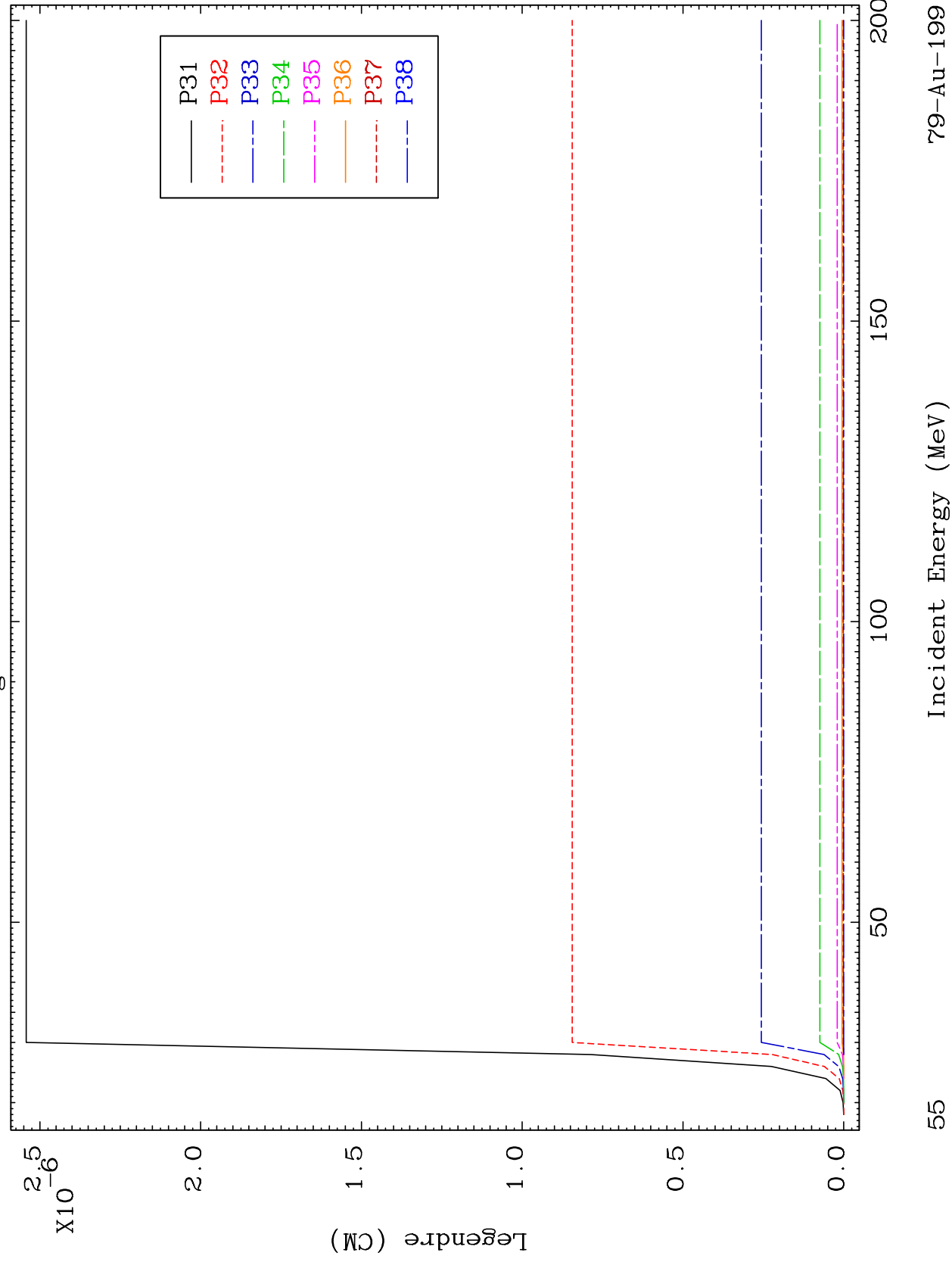
79-Au-199



MAT 7931

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

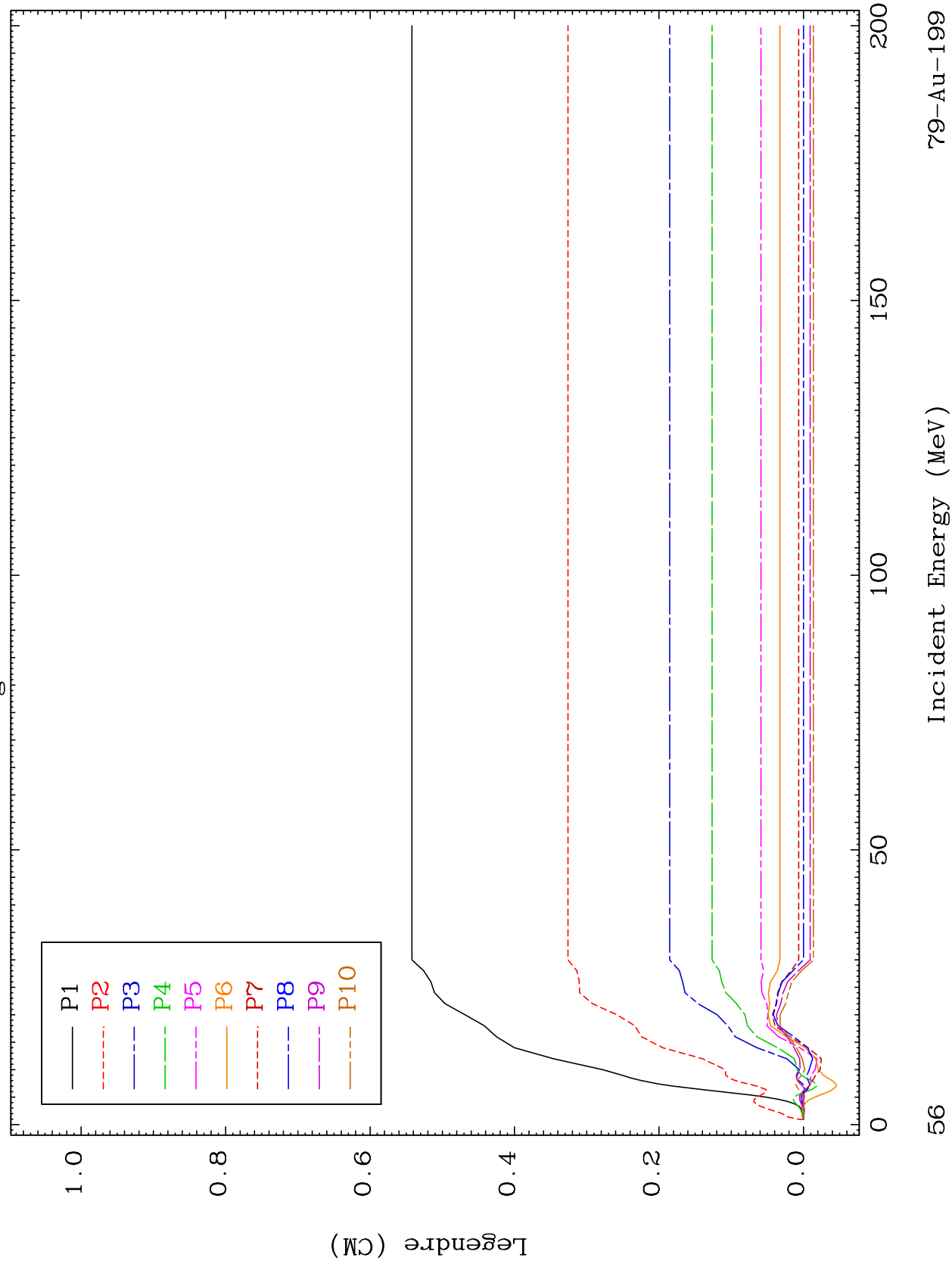
79-Au-199

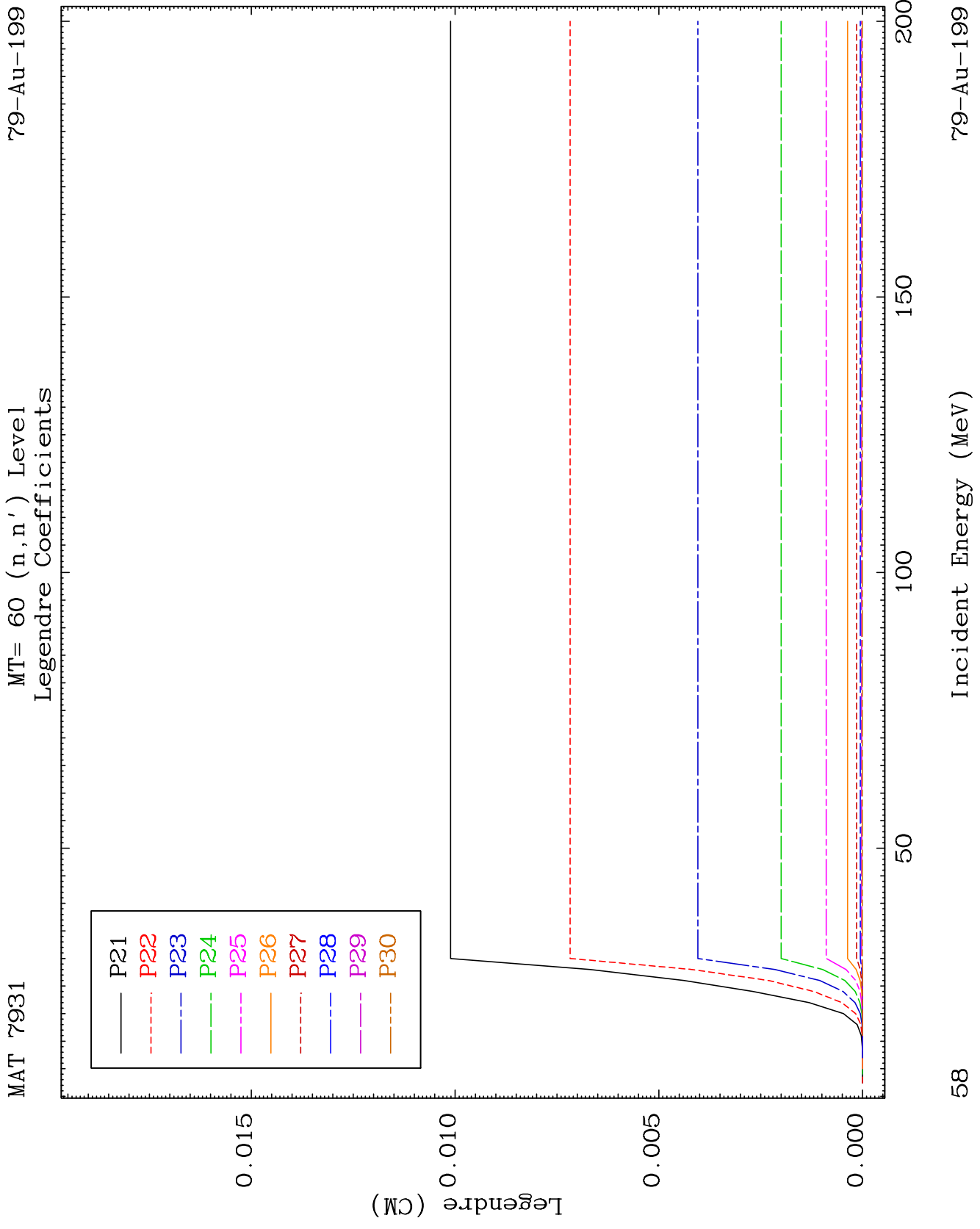


MAT 7931

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

79-Au-199

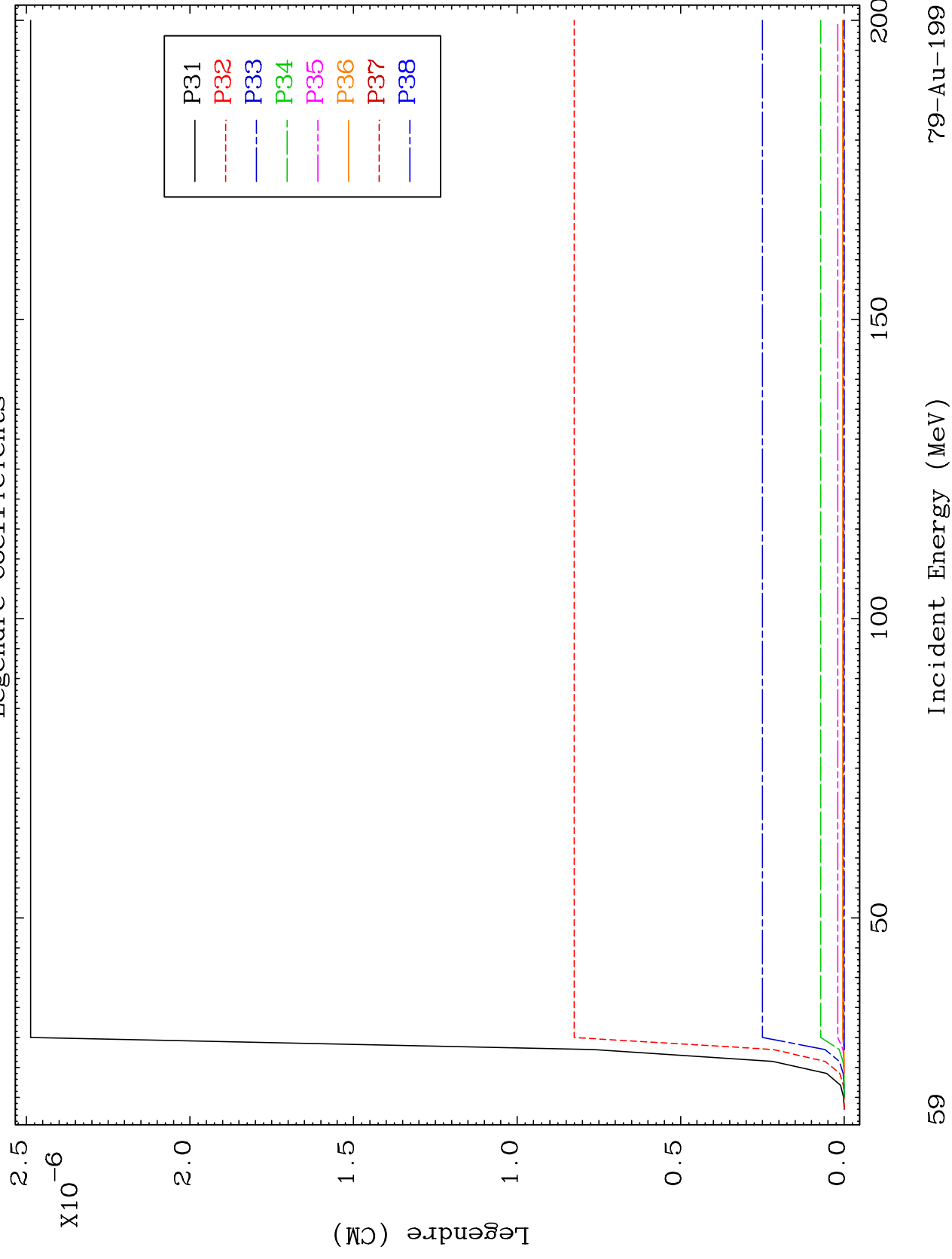




MAT 7931

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

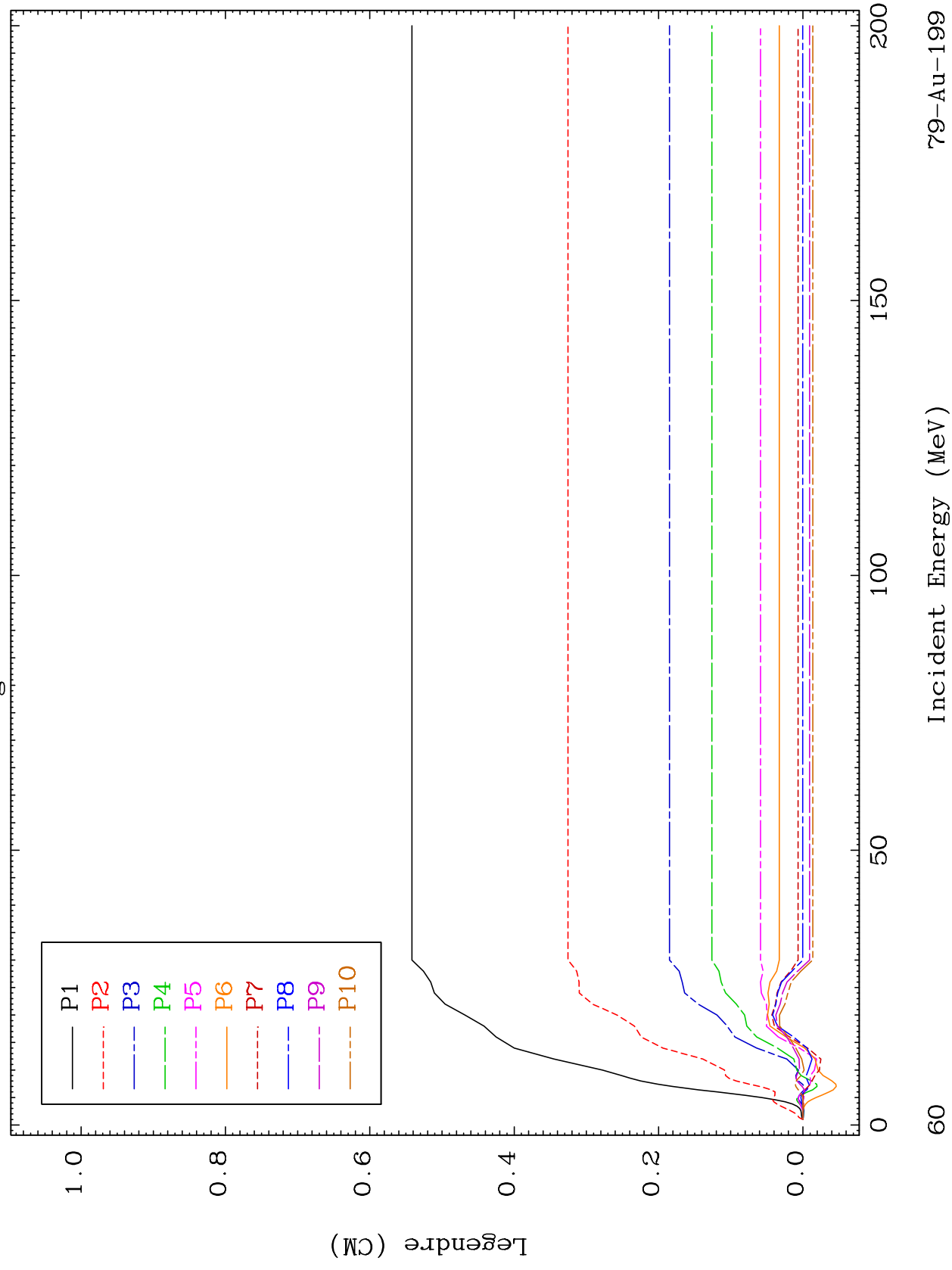
79-Au-199

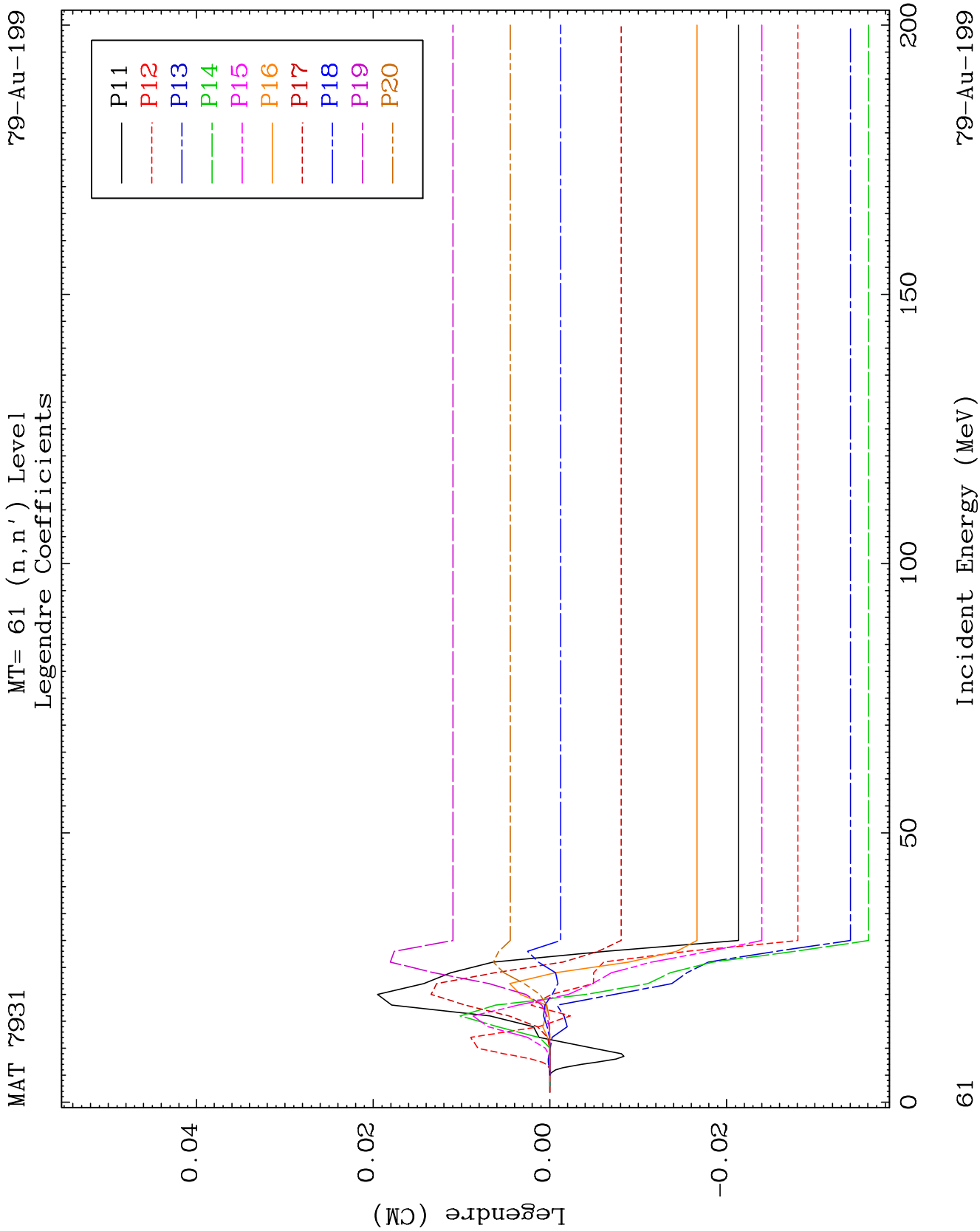


MAT 7931

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

79-Au-199

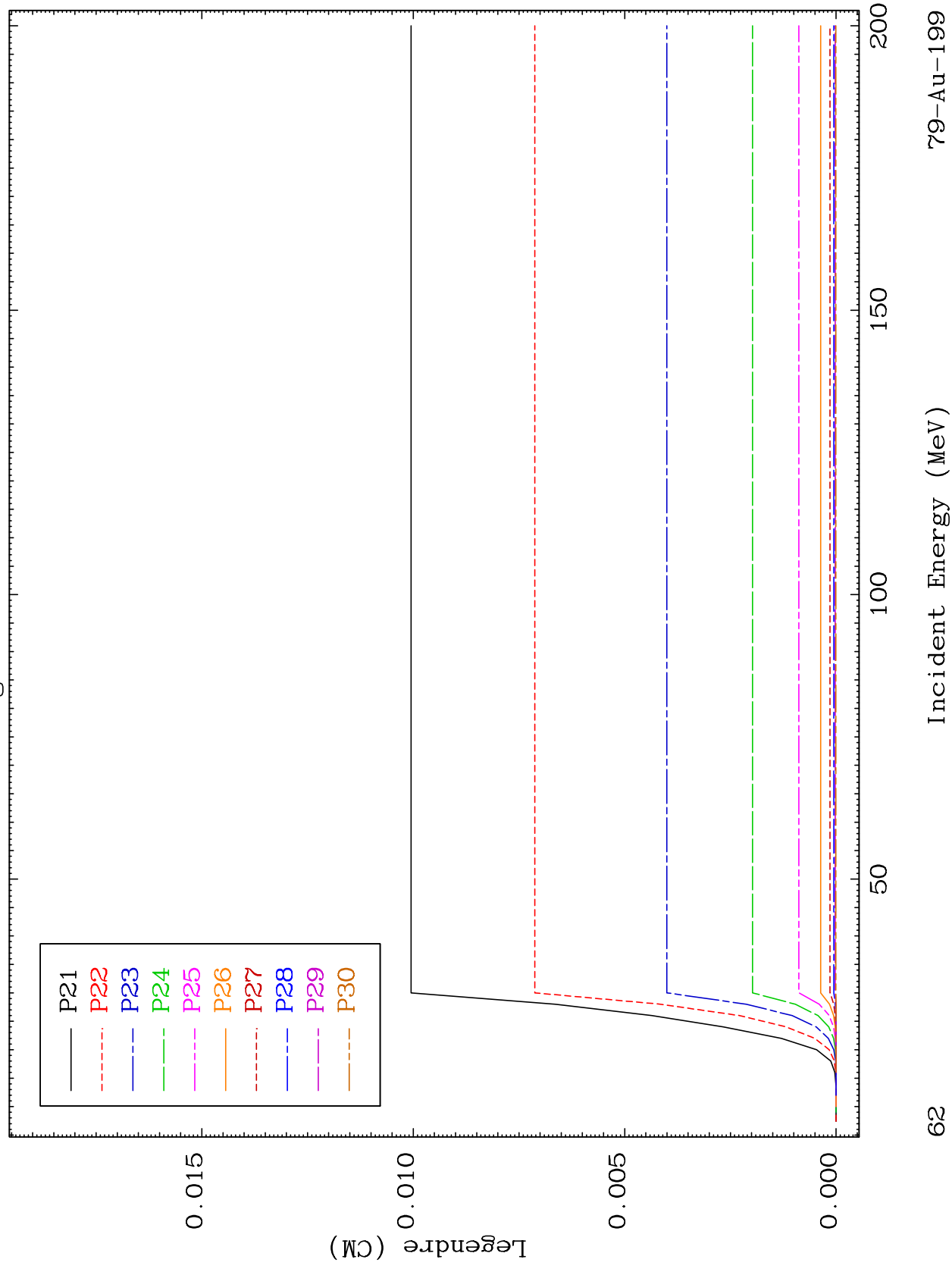


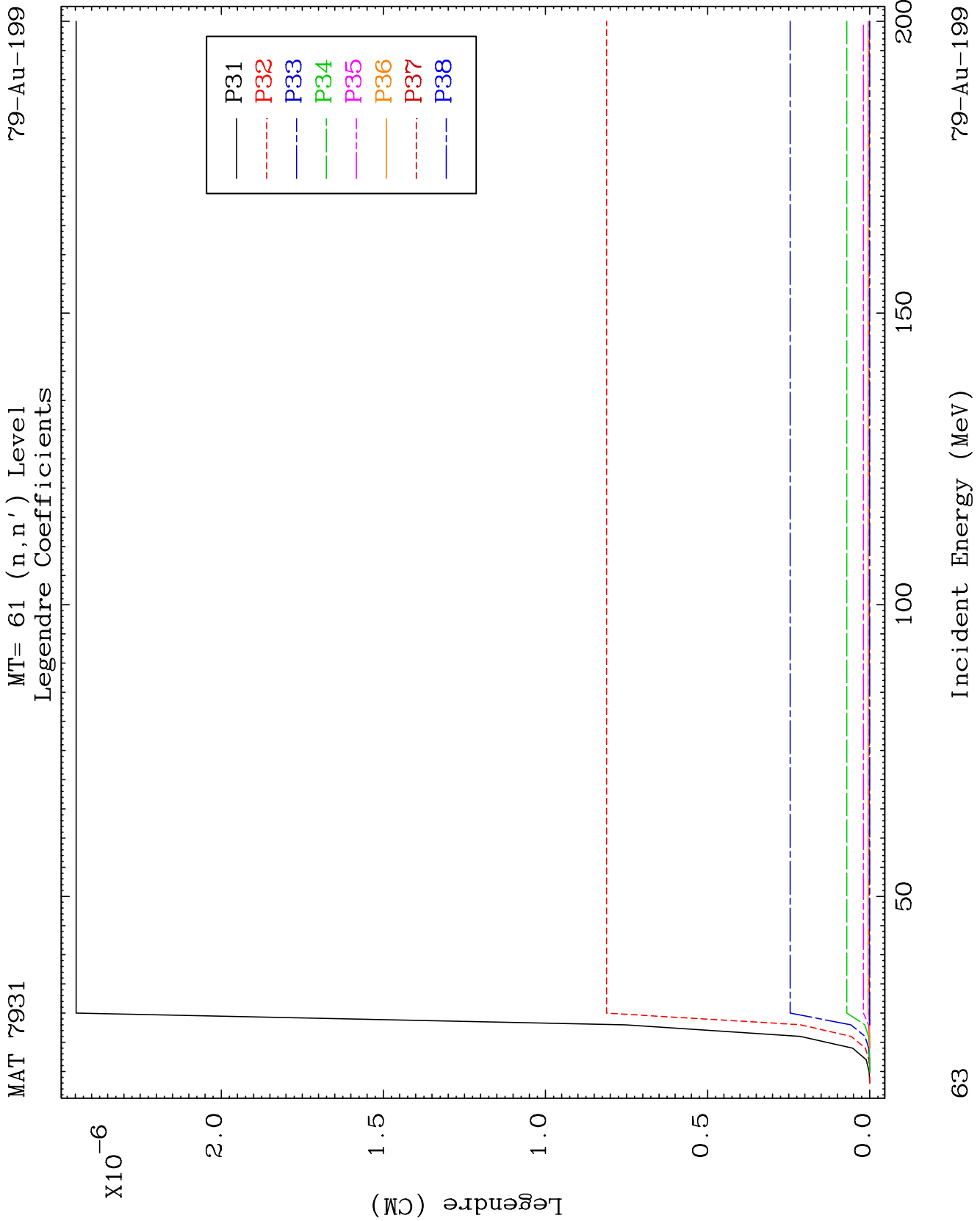


MAT 7931

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

79-Au-199

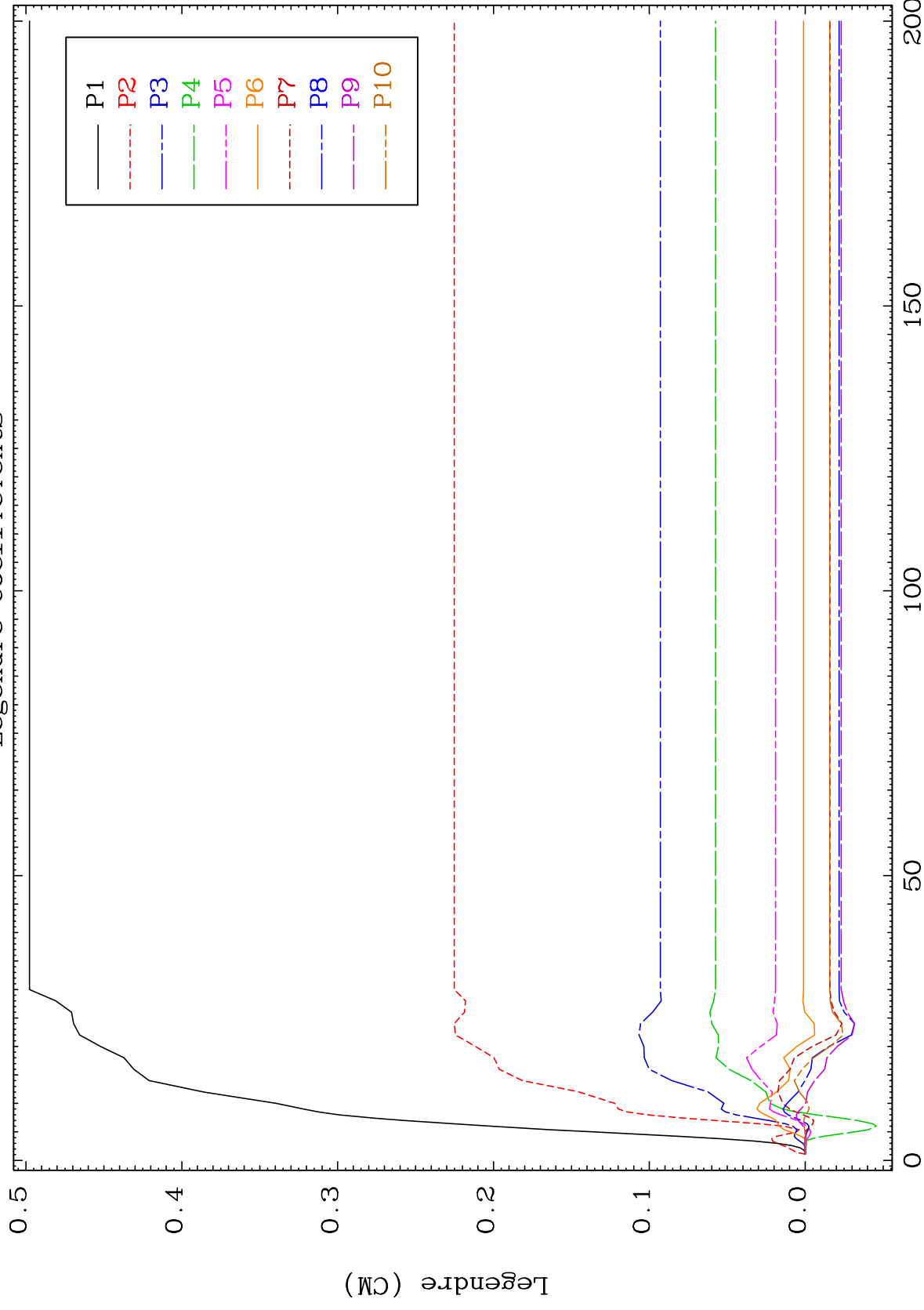




MAT 7931

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

79-Au-199



64

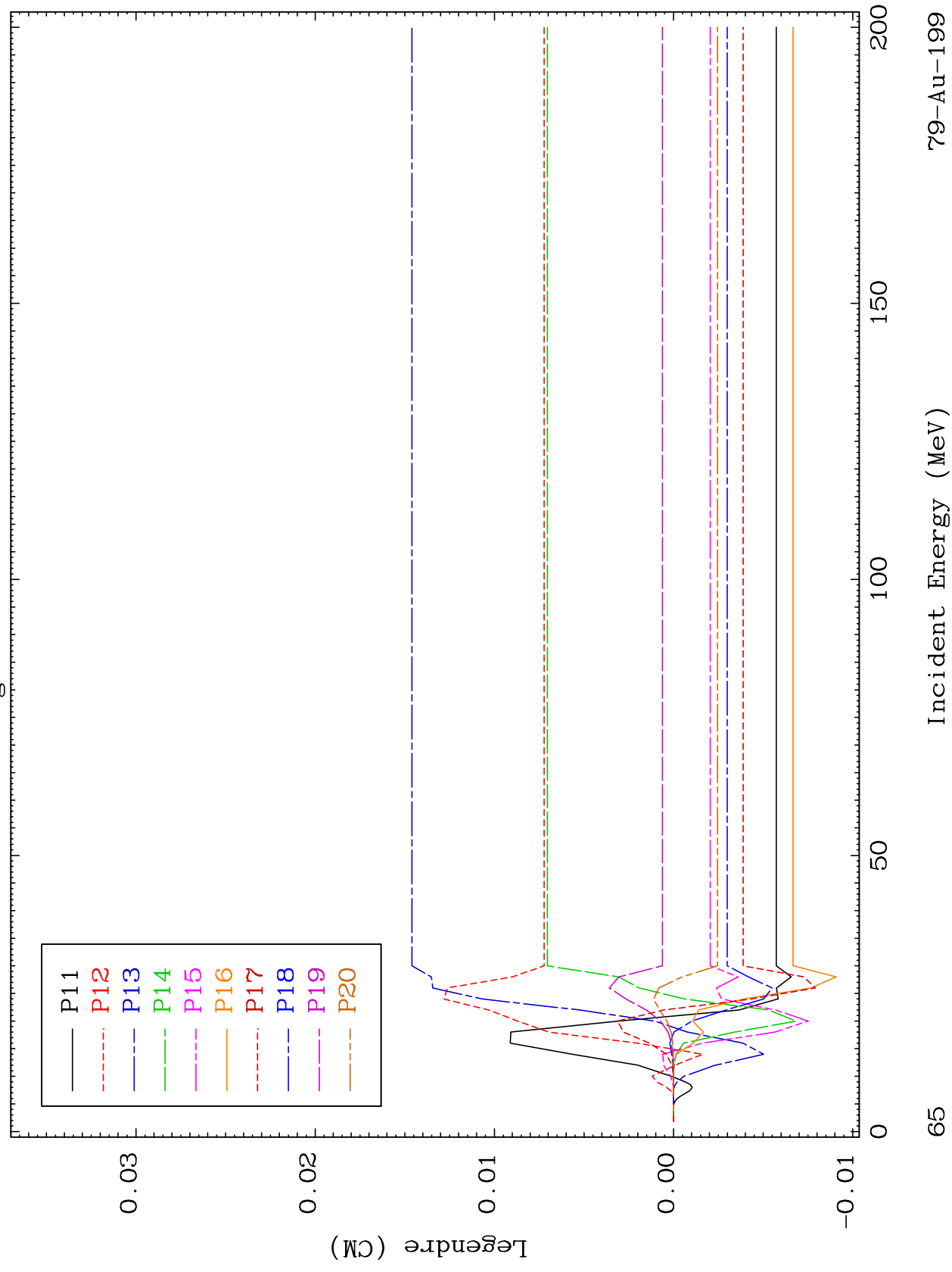
Incident Energy (MeV)

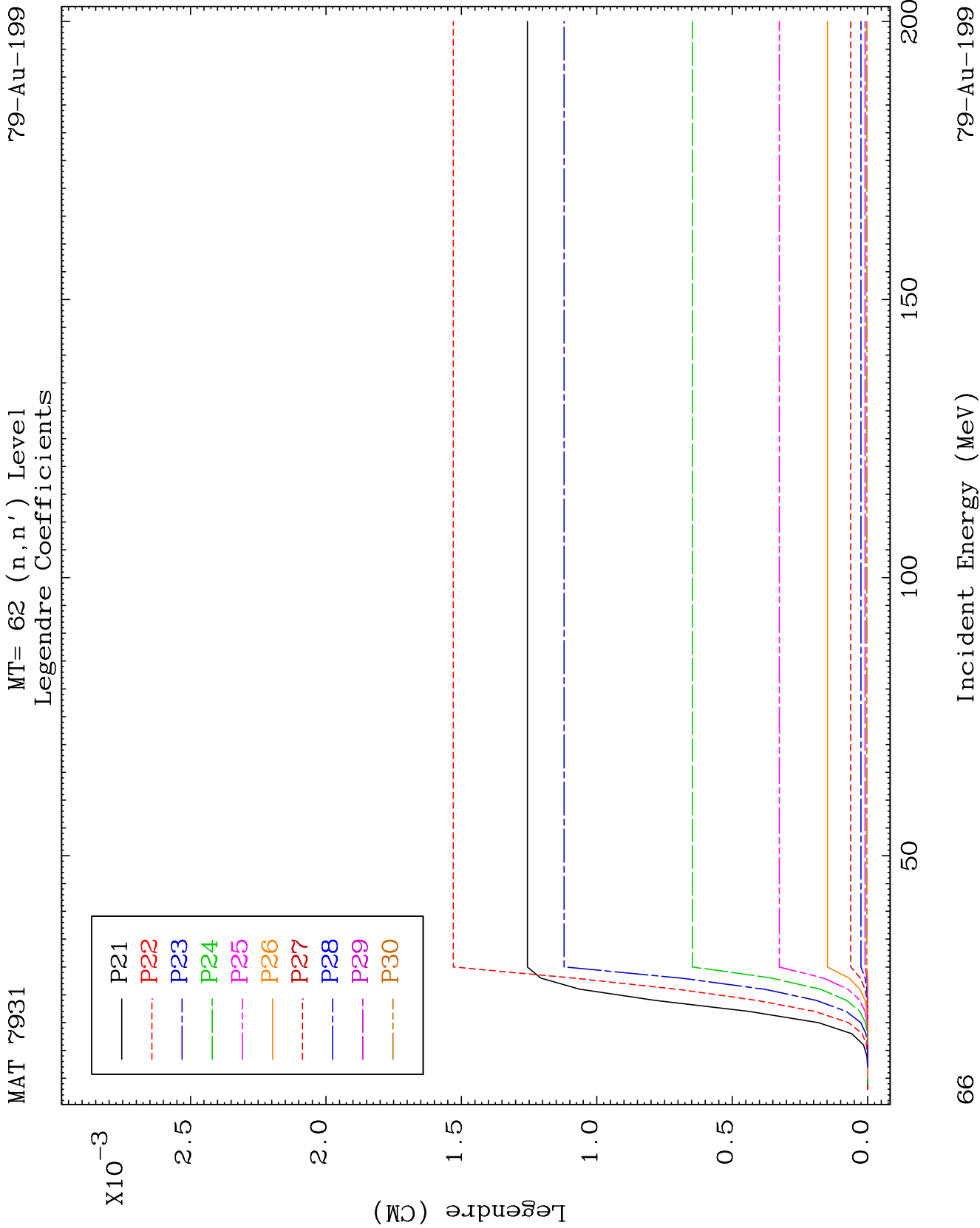
79-AU-199

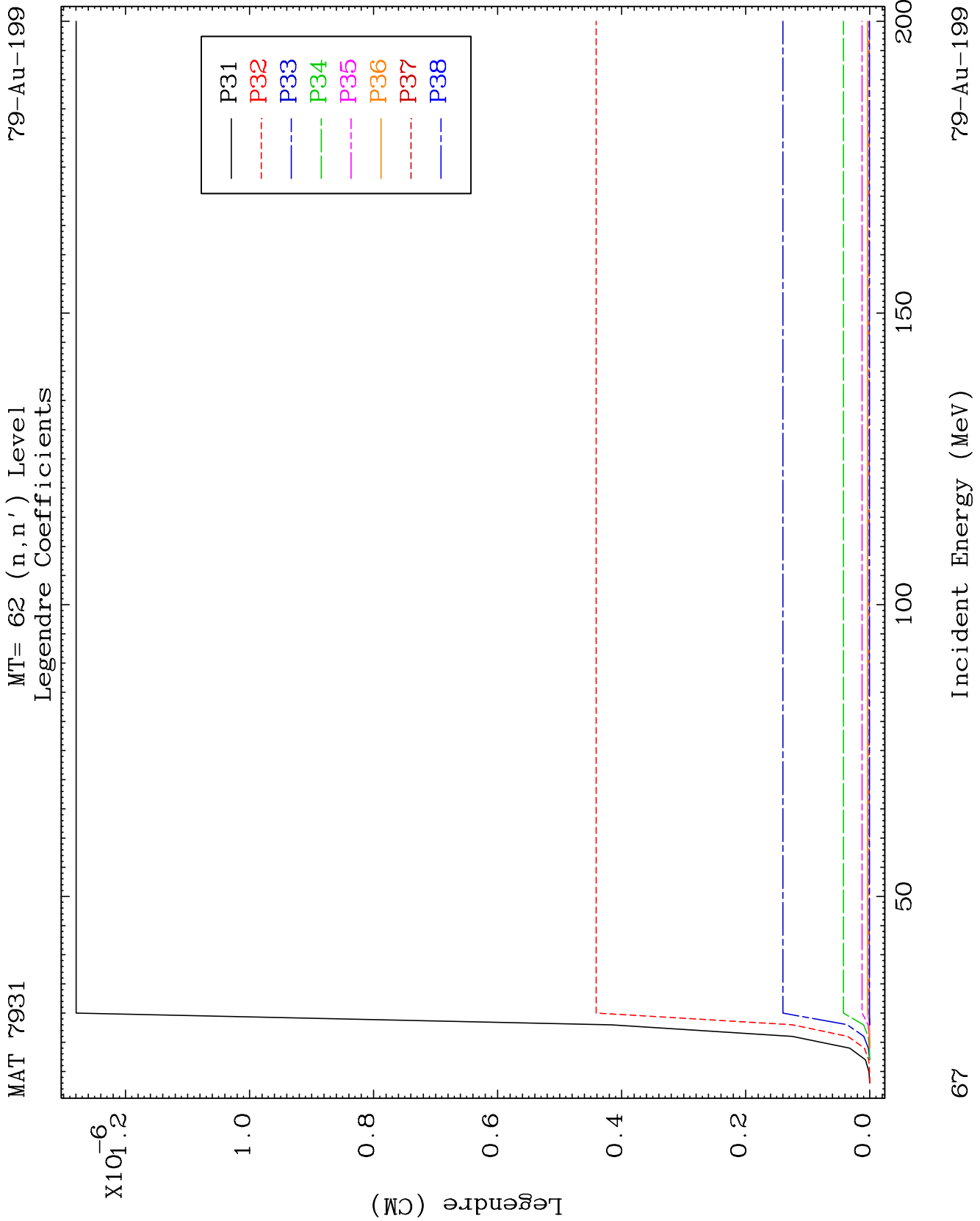
MAT 7931

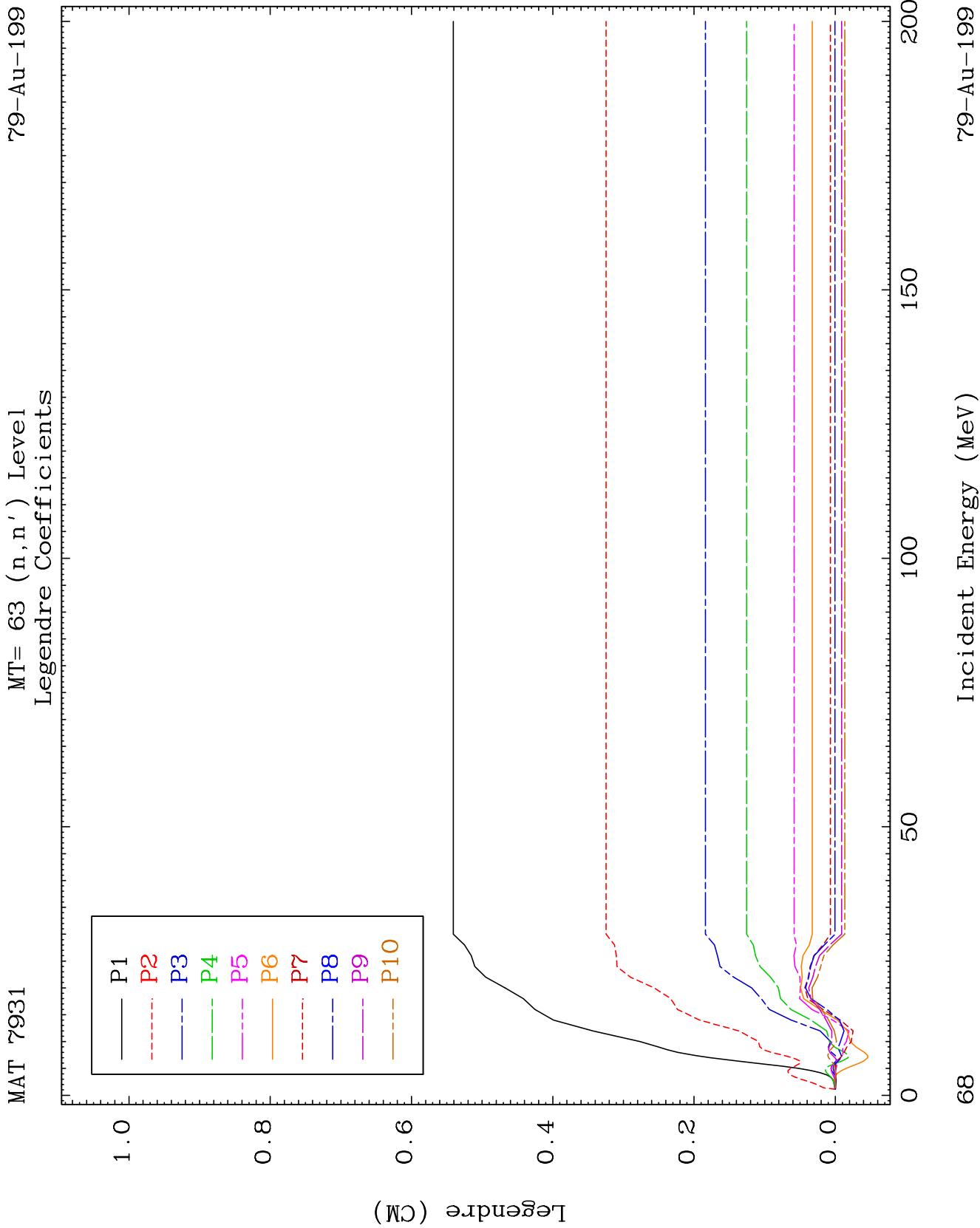
MT= 62 (n, n') Level
Legendre Coefficients

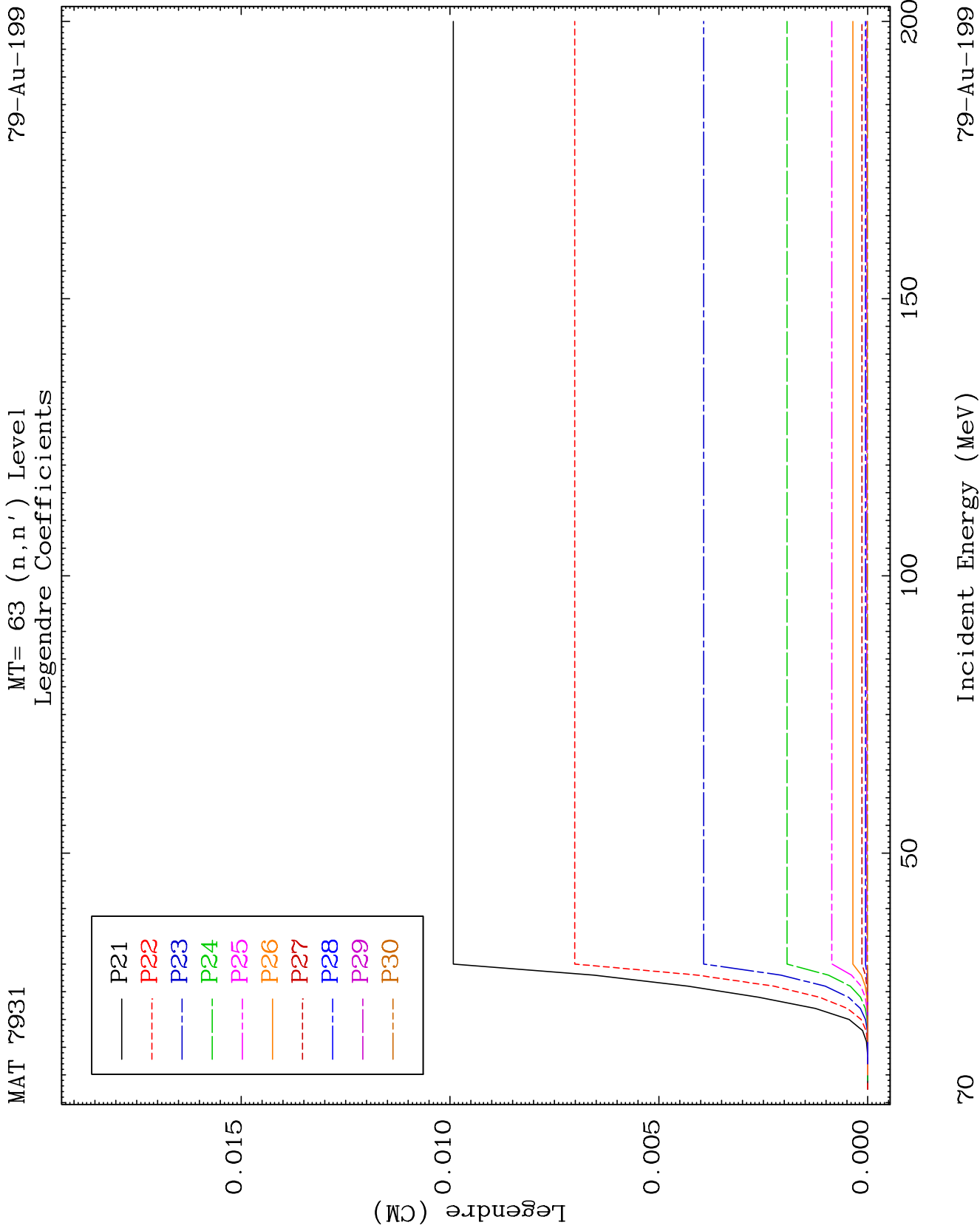
79-Au-199

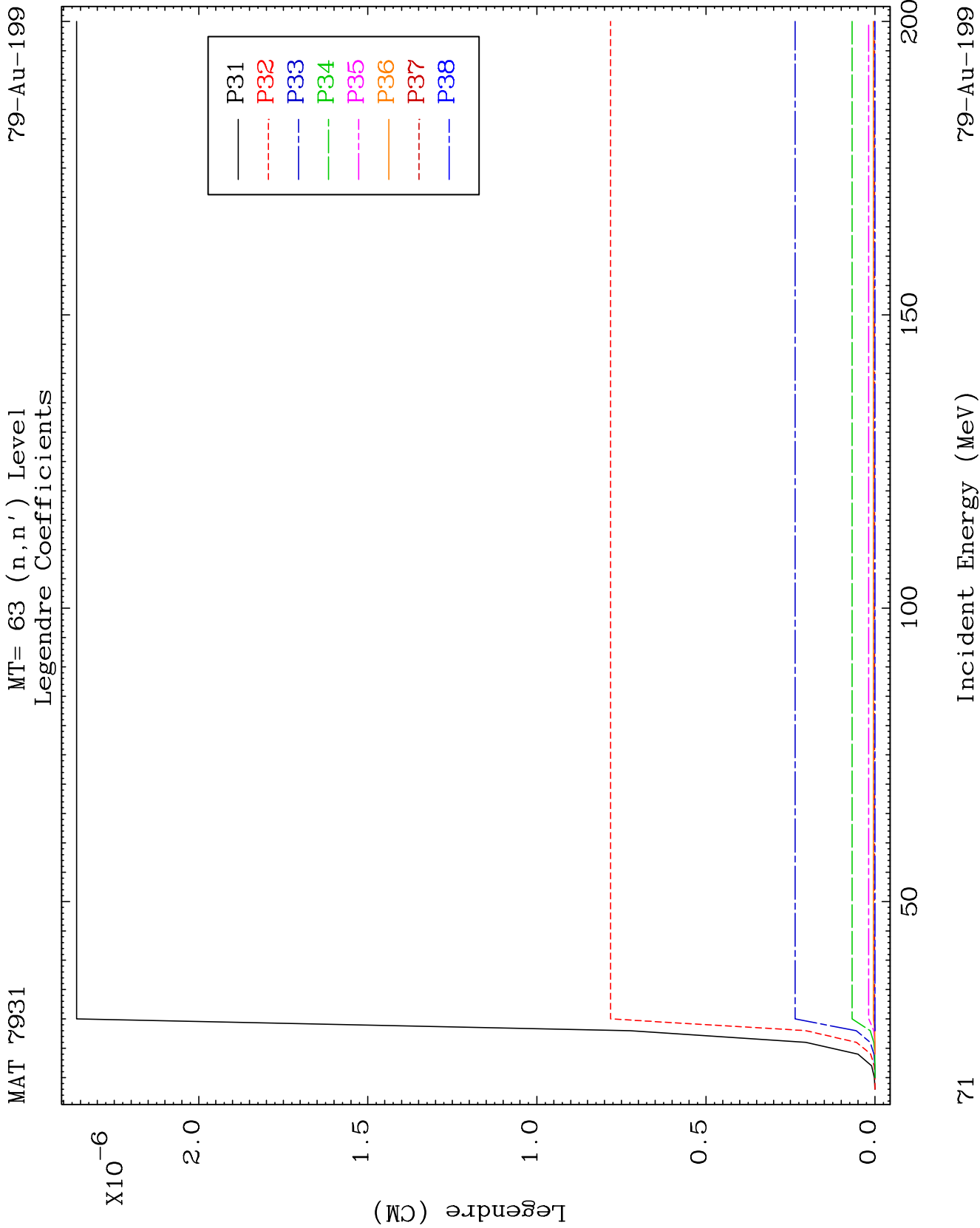


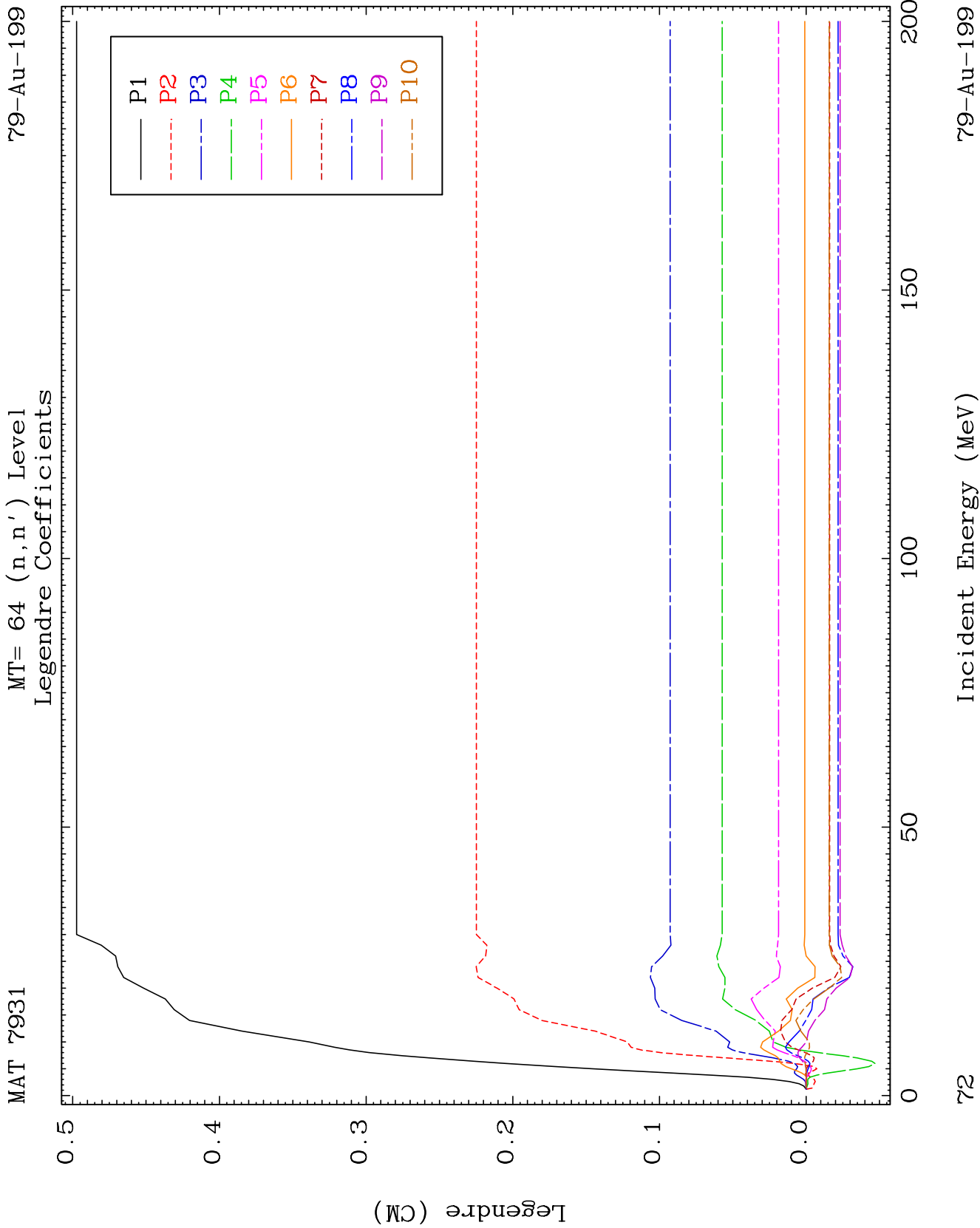


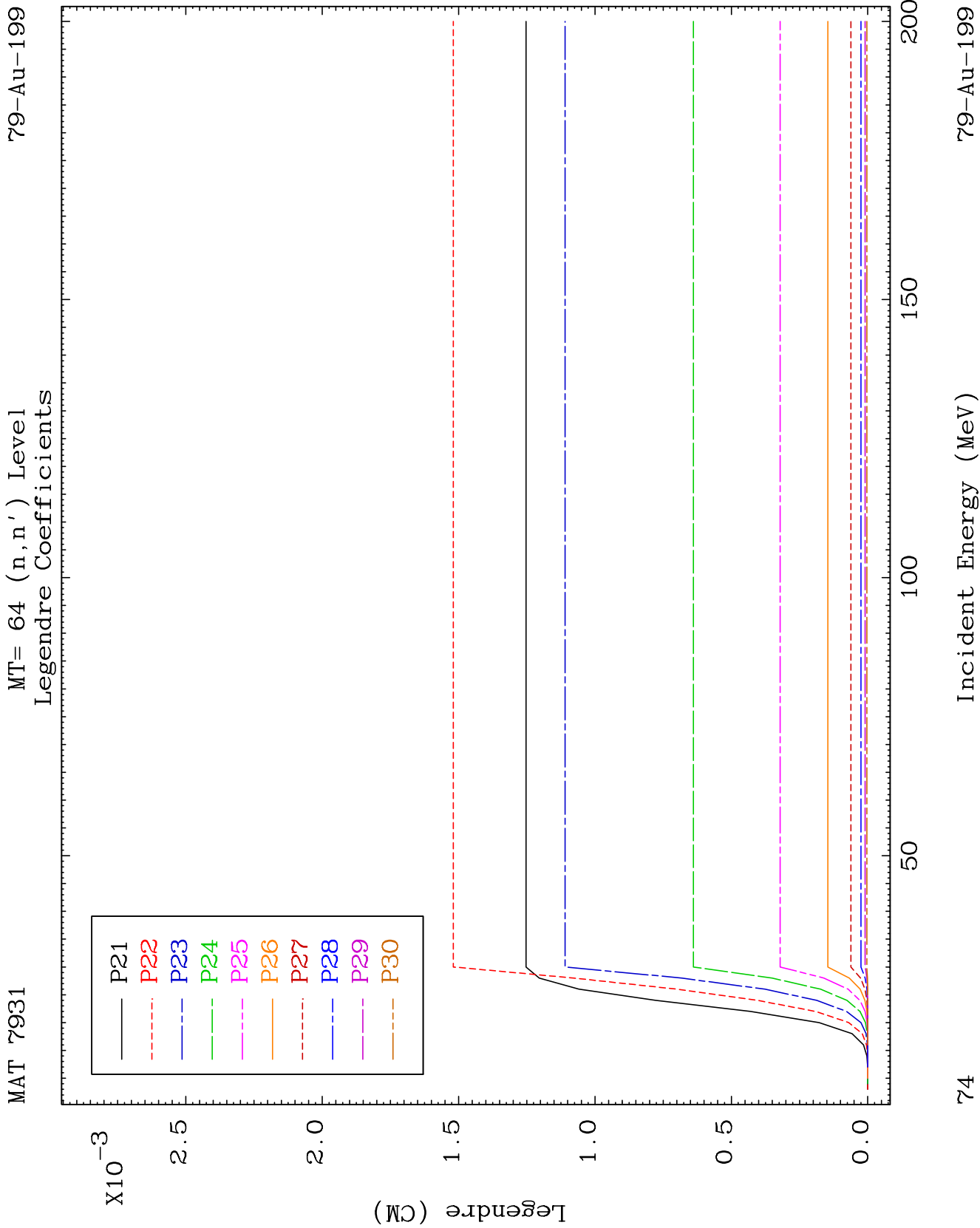


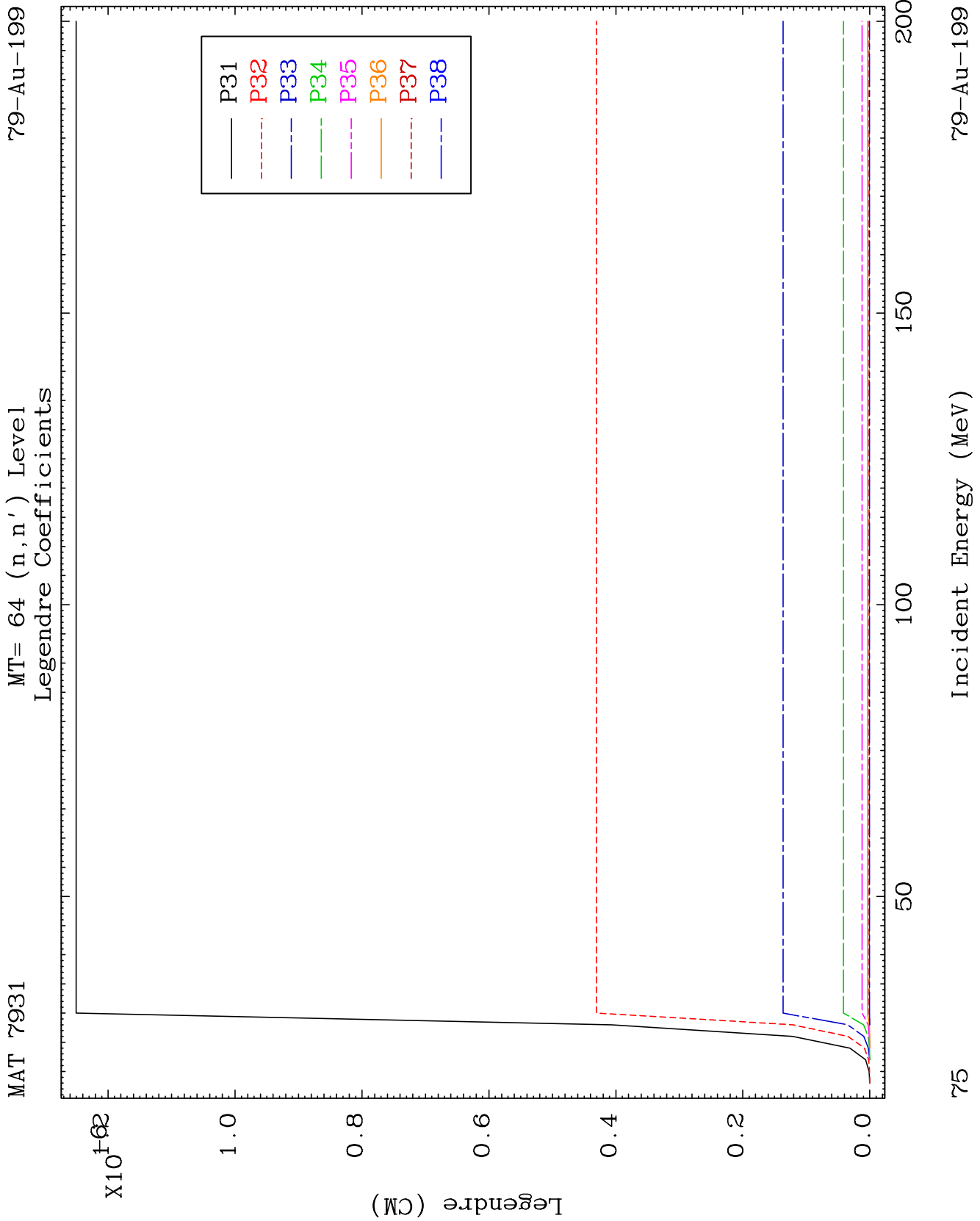


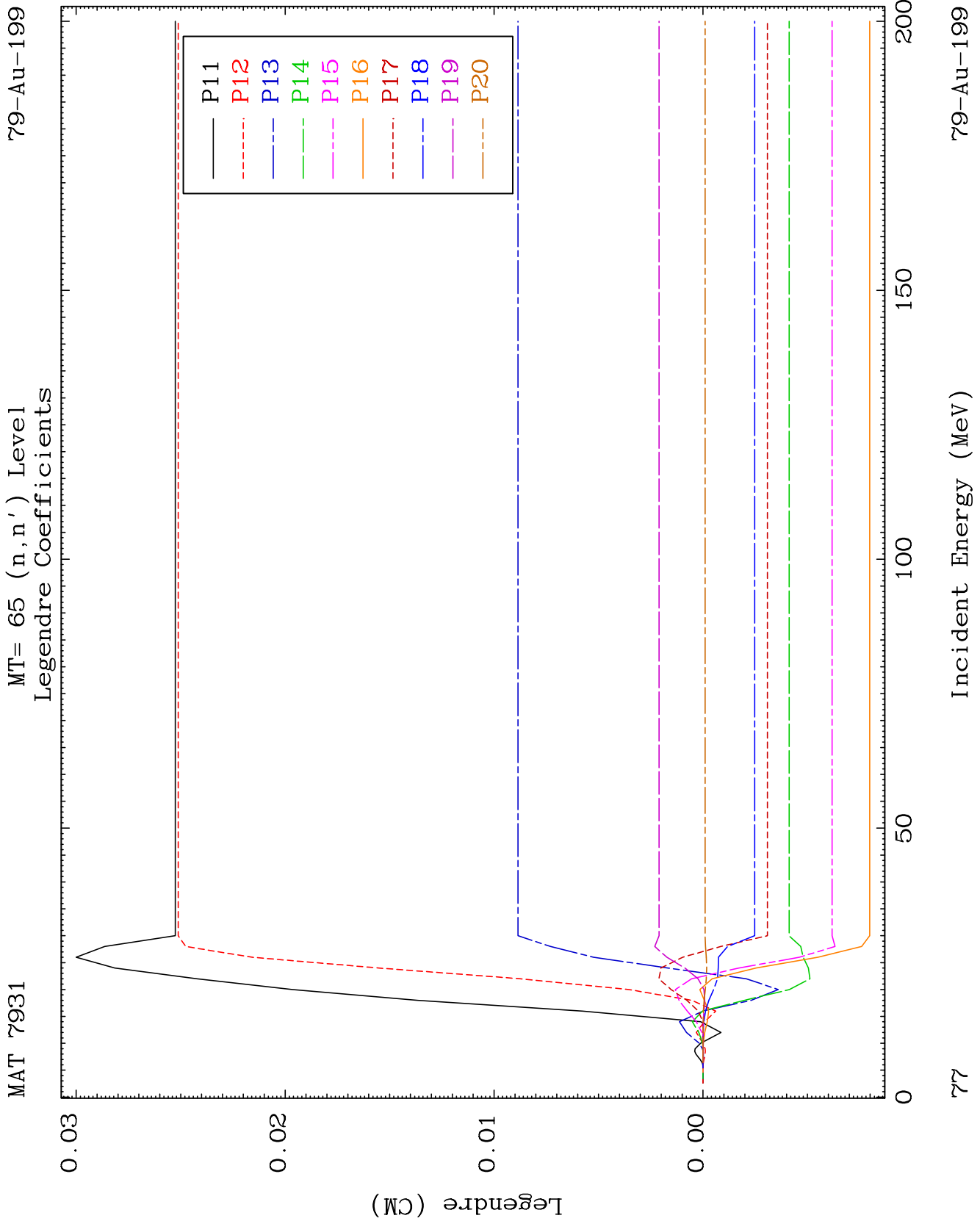


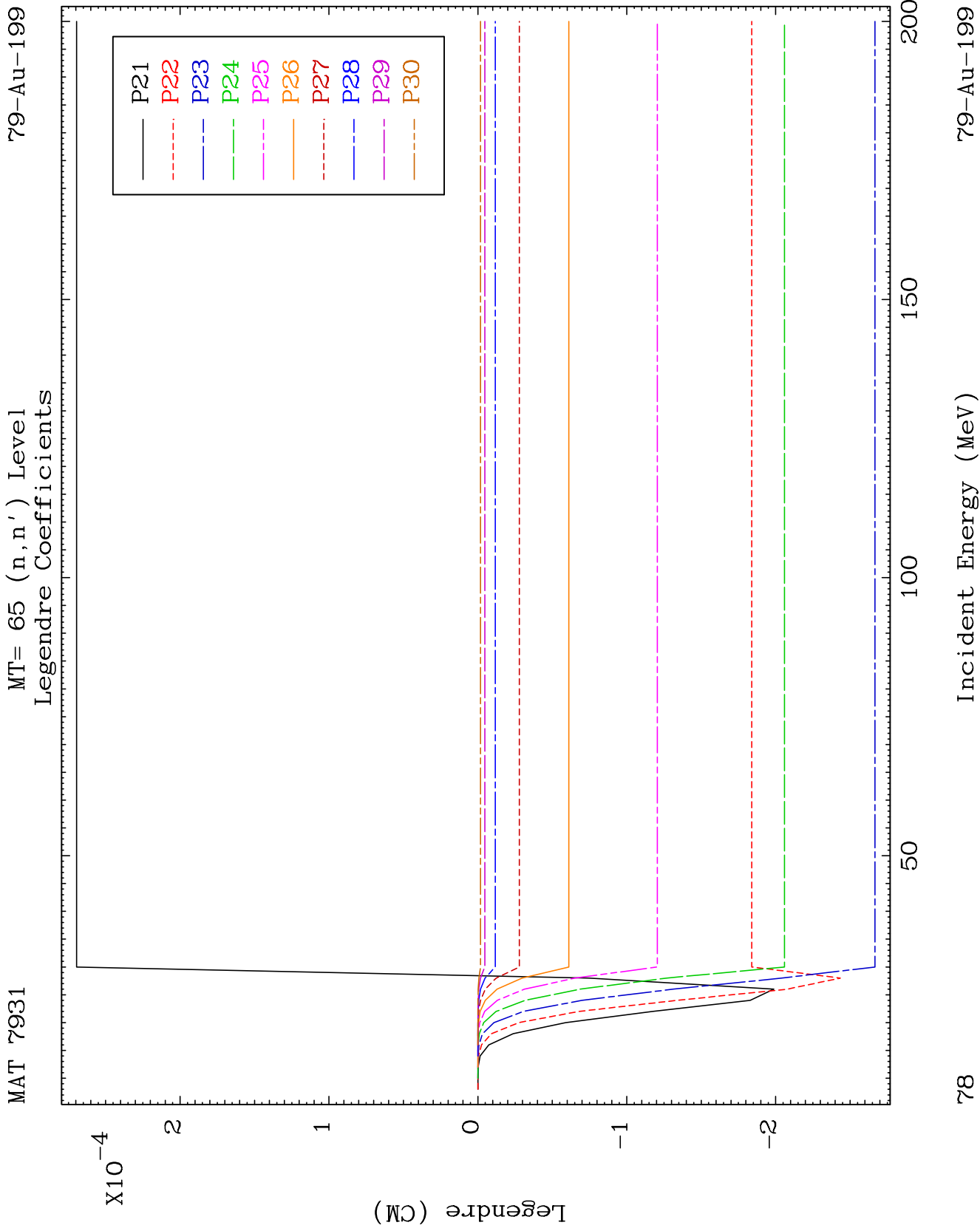


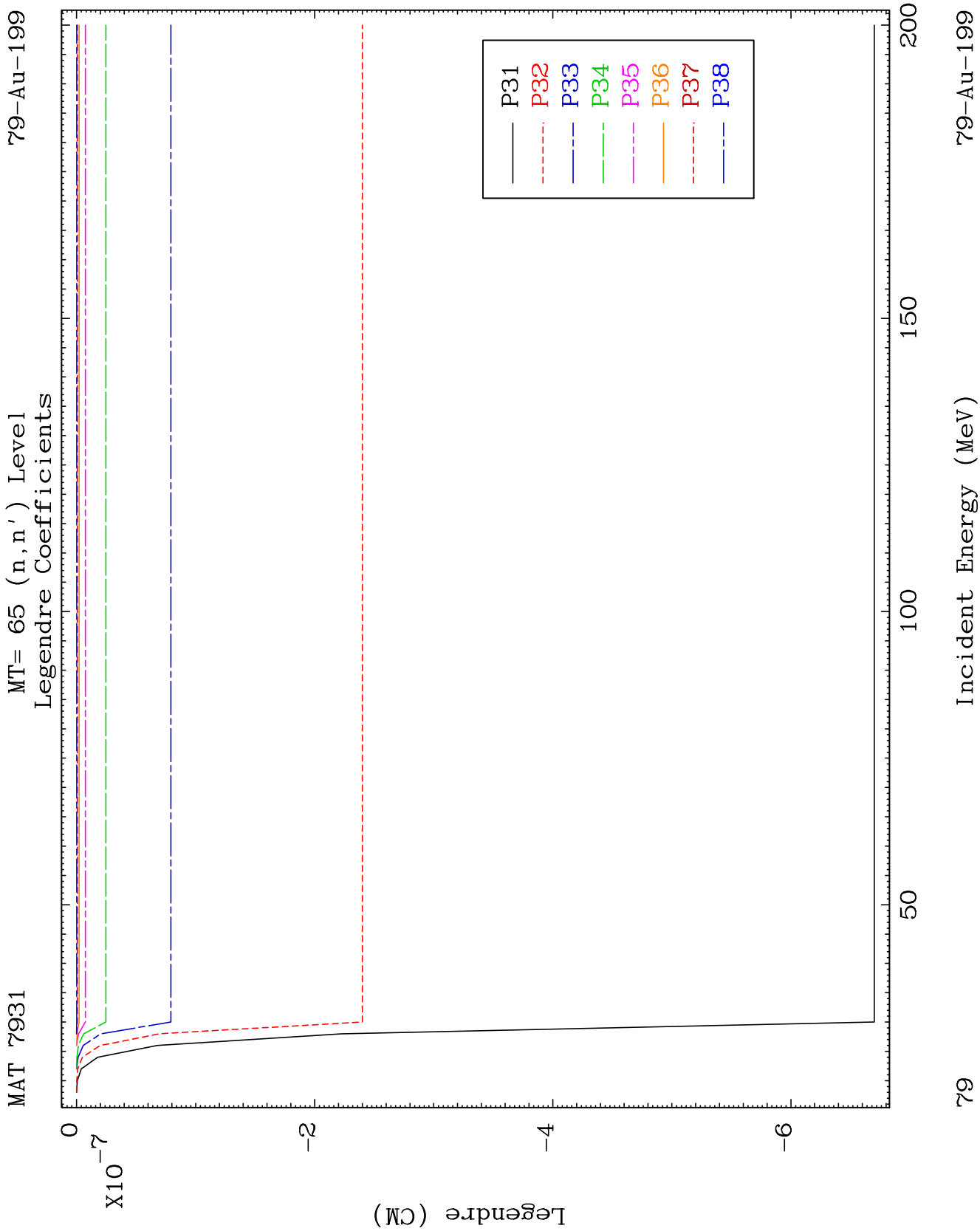


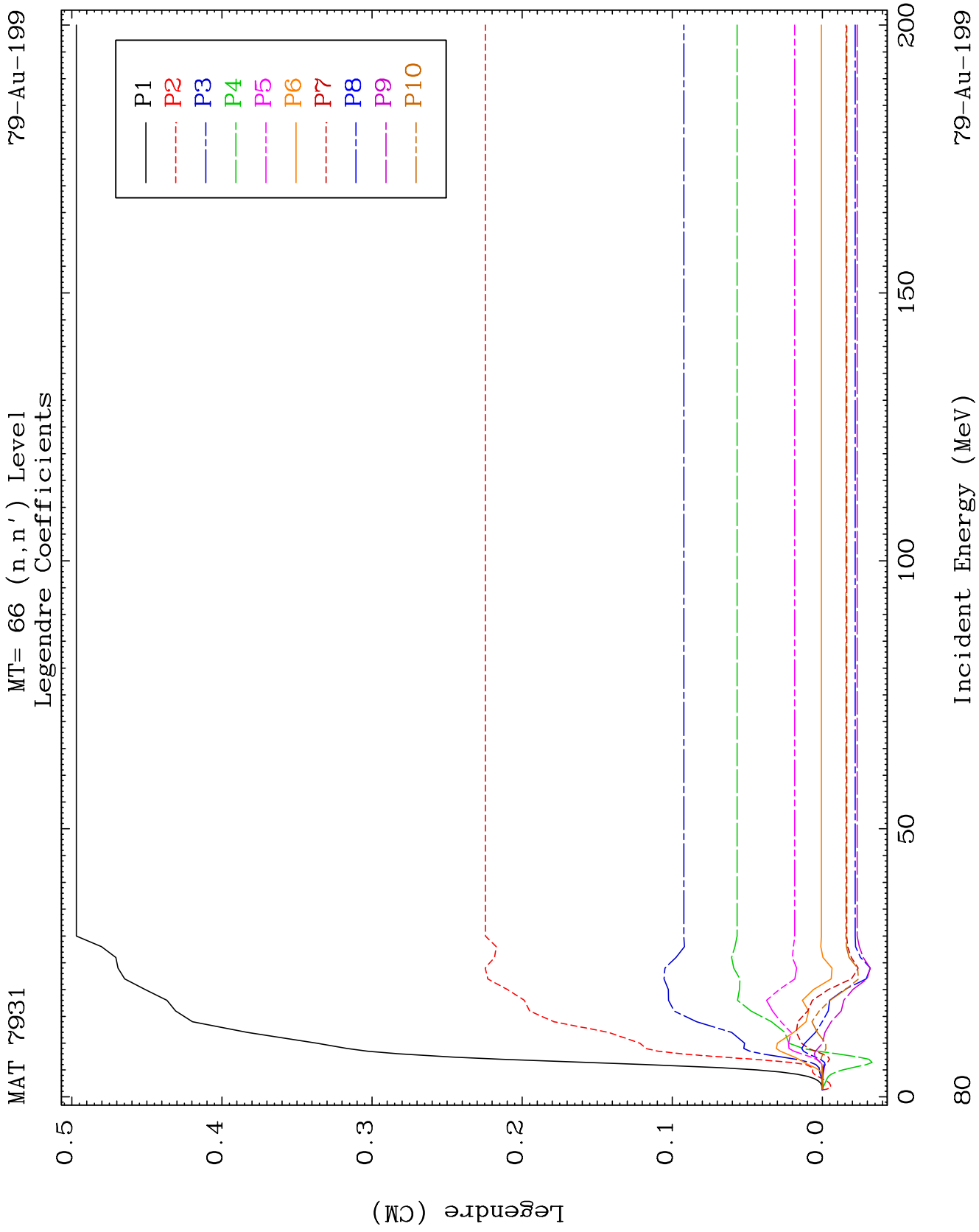


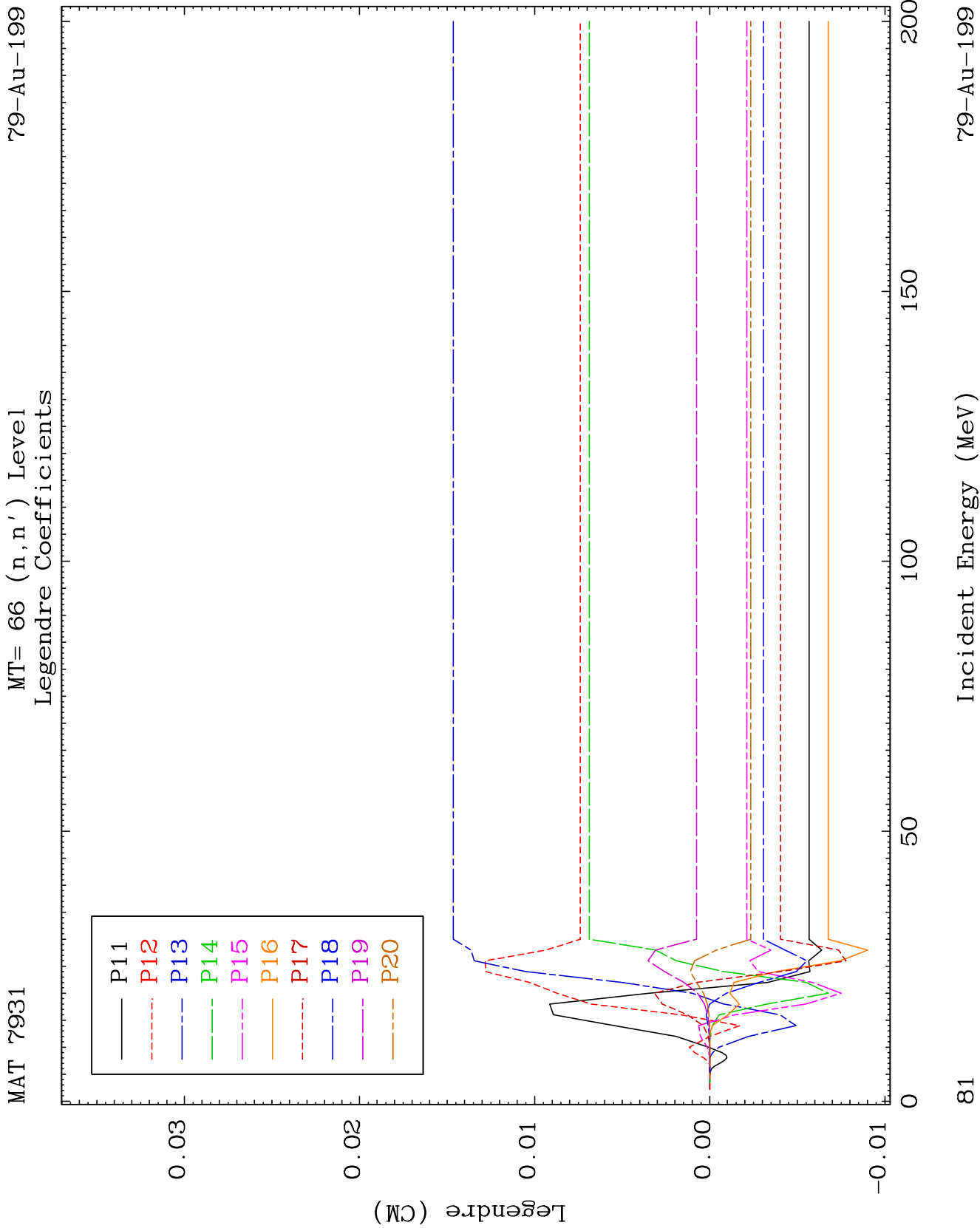


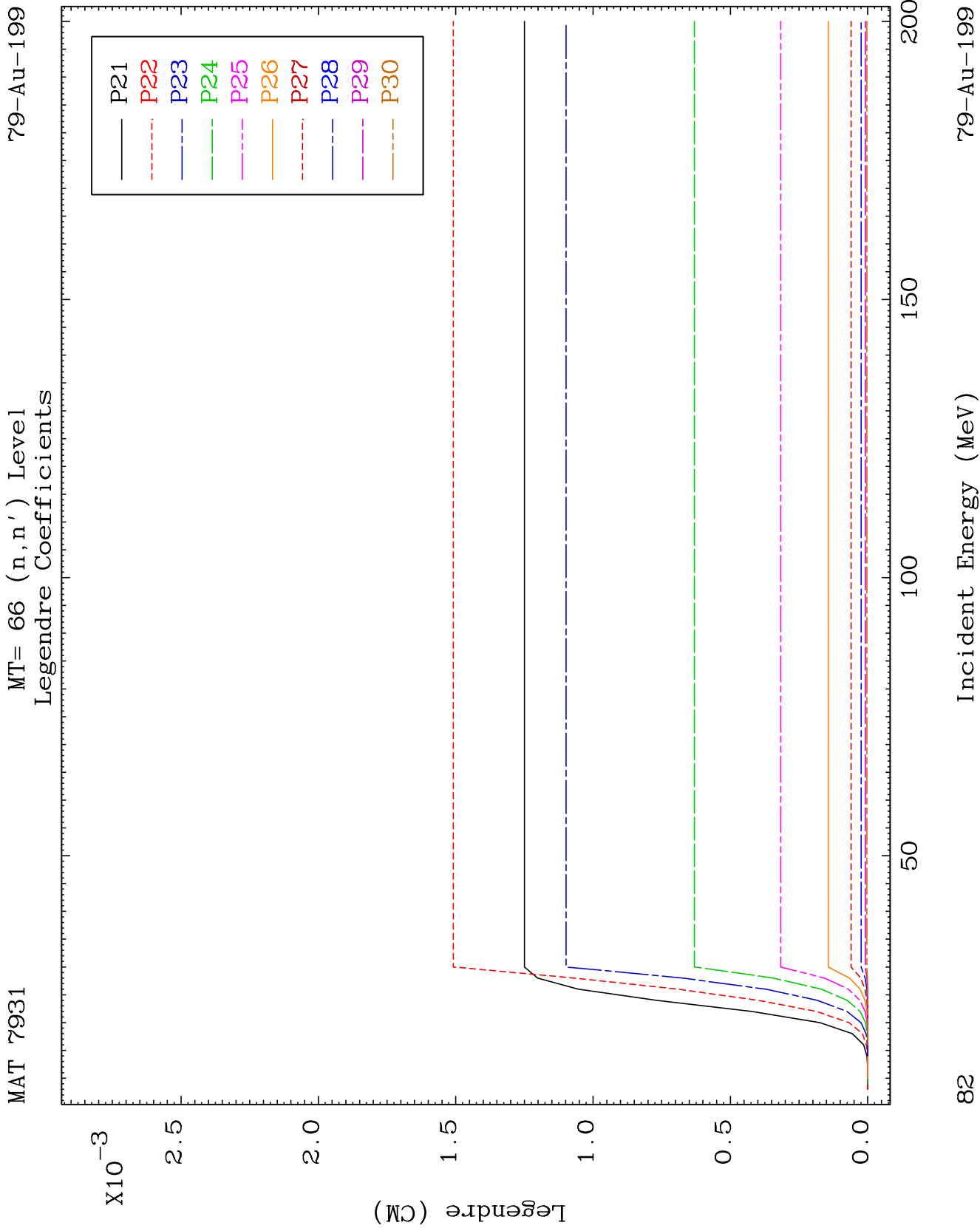








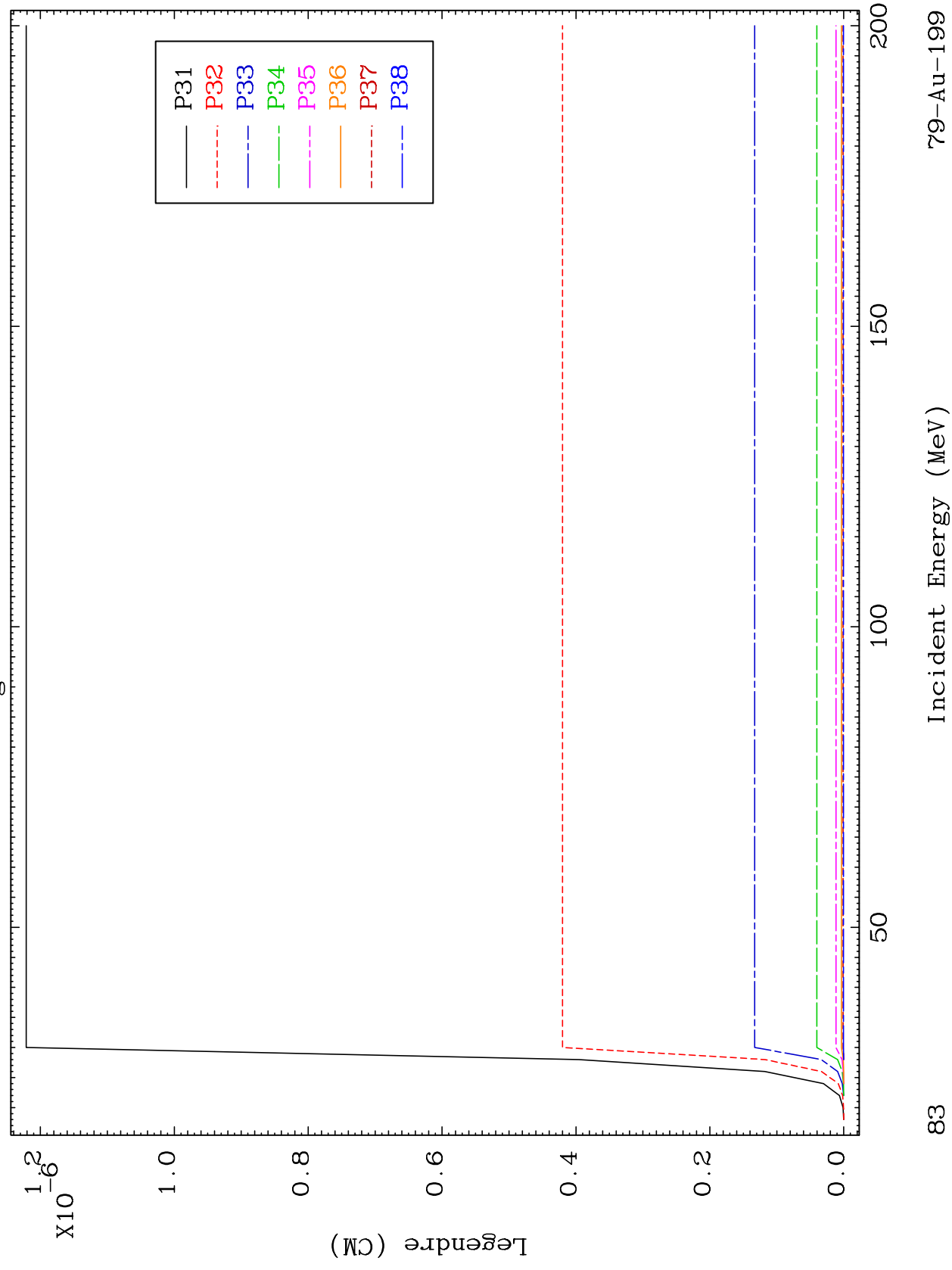


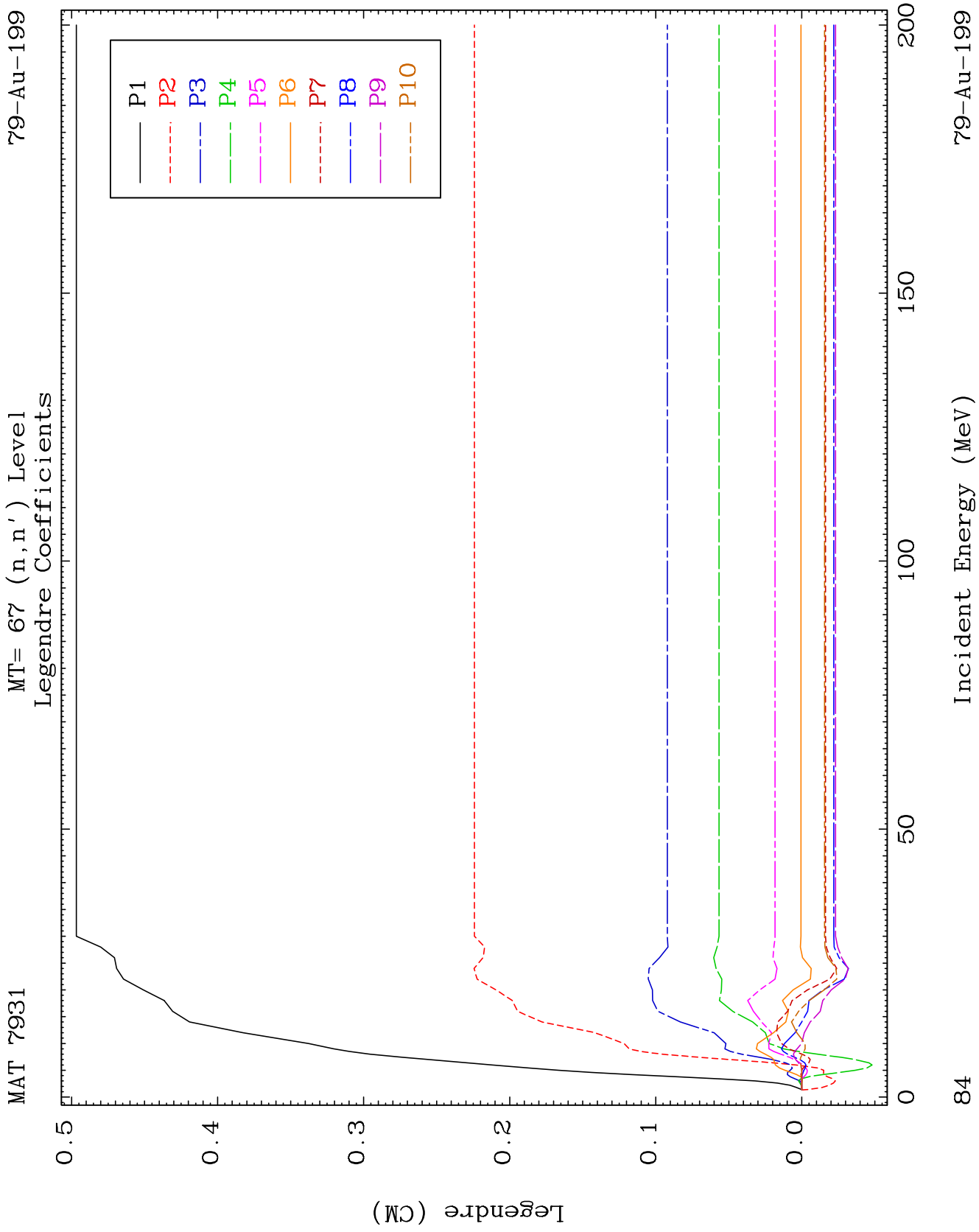


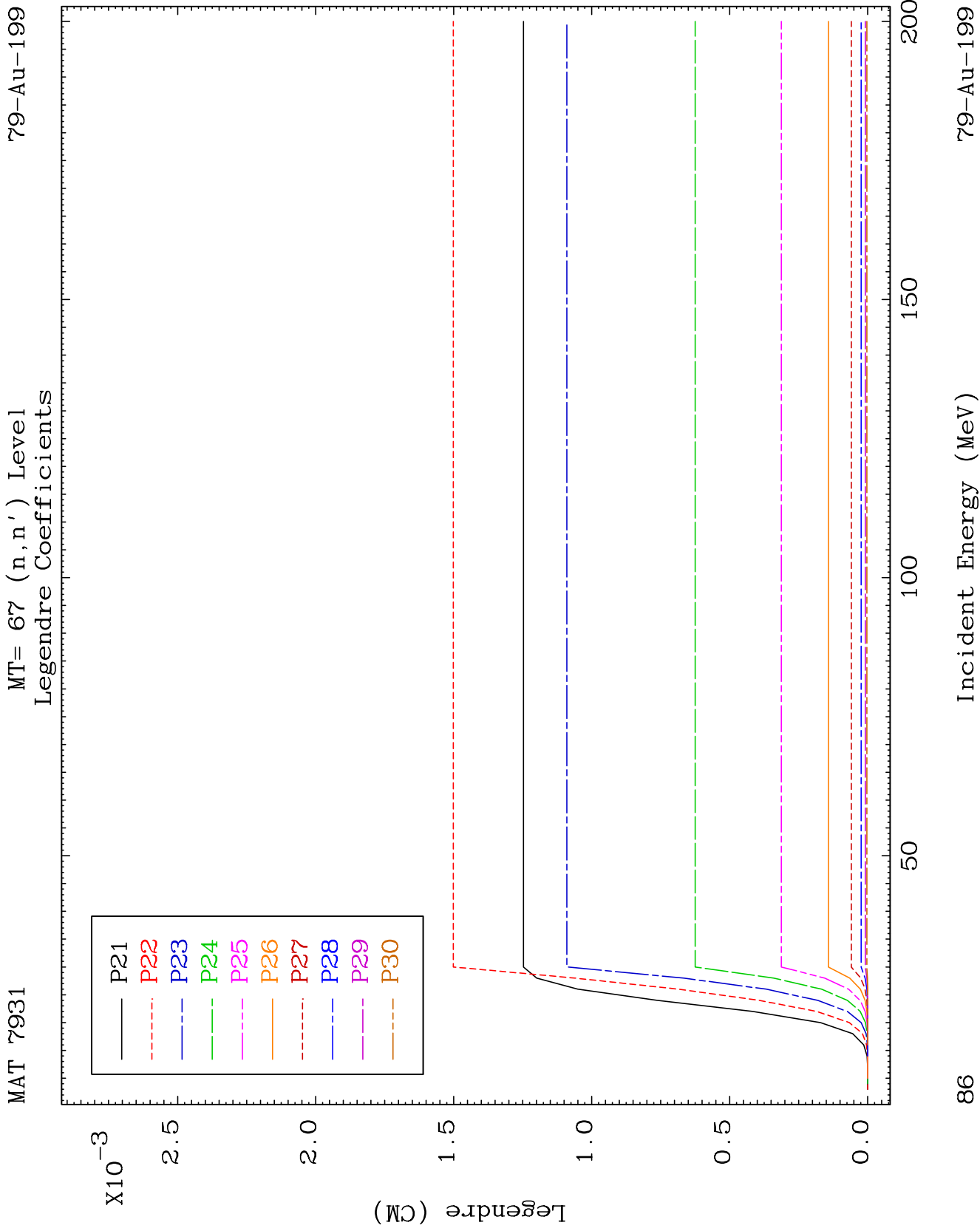
MAT 7931

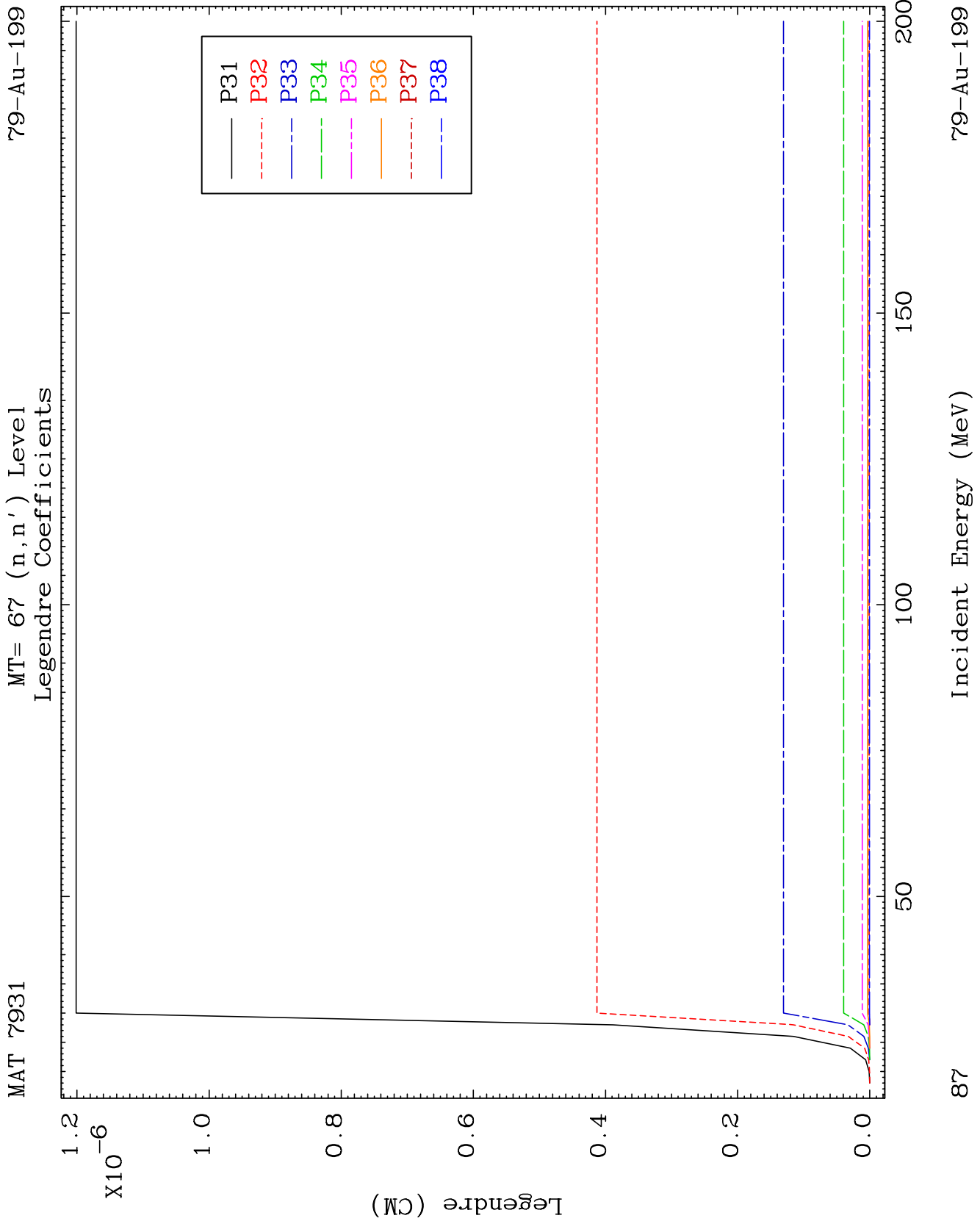
MT= 66 (n, n') Level
Legendre Coefficients

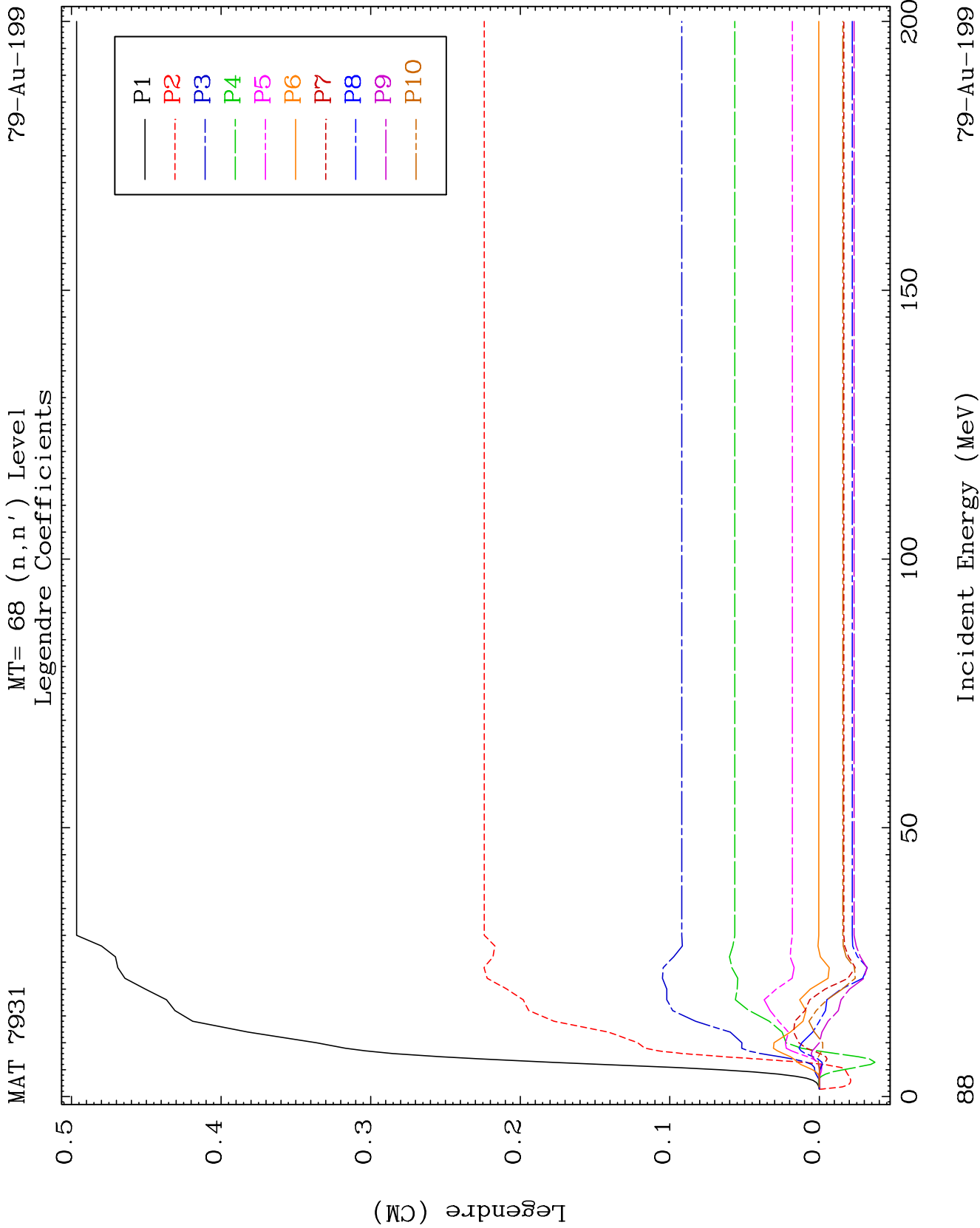
79-Au-199

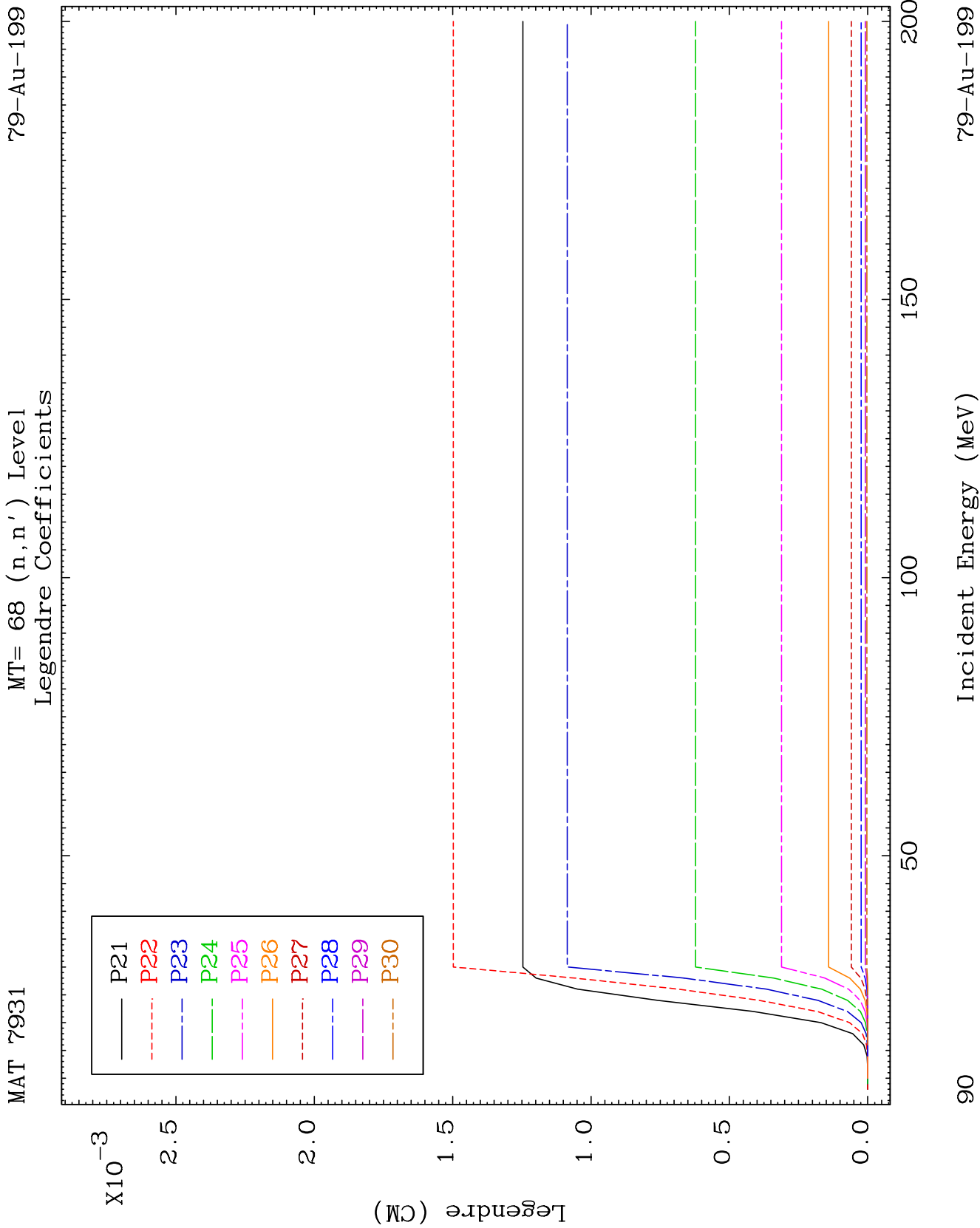


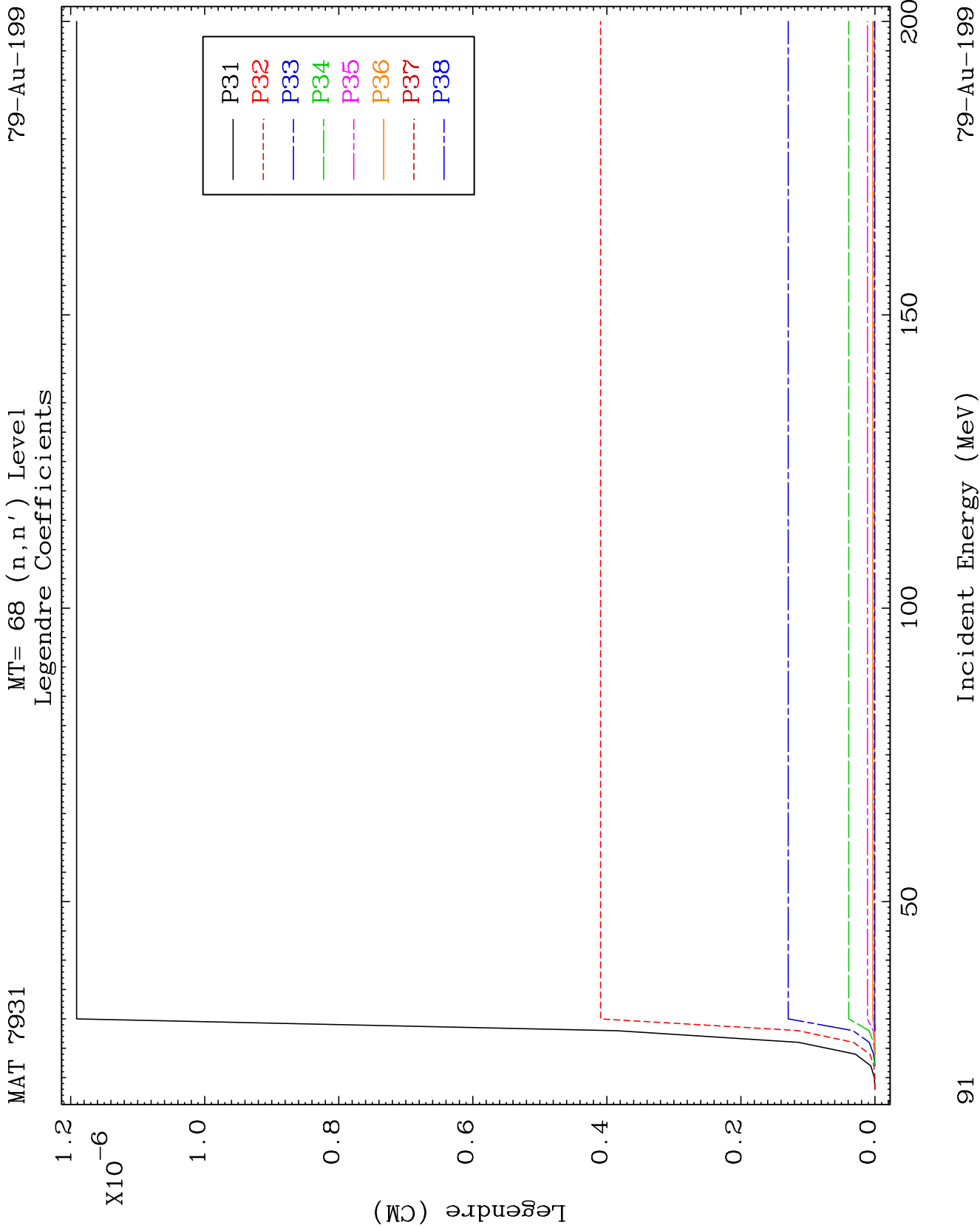


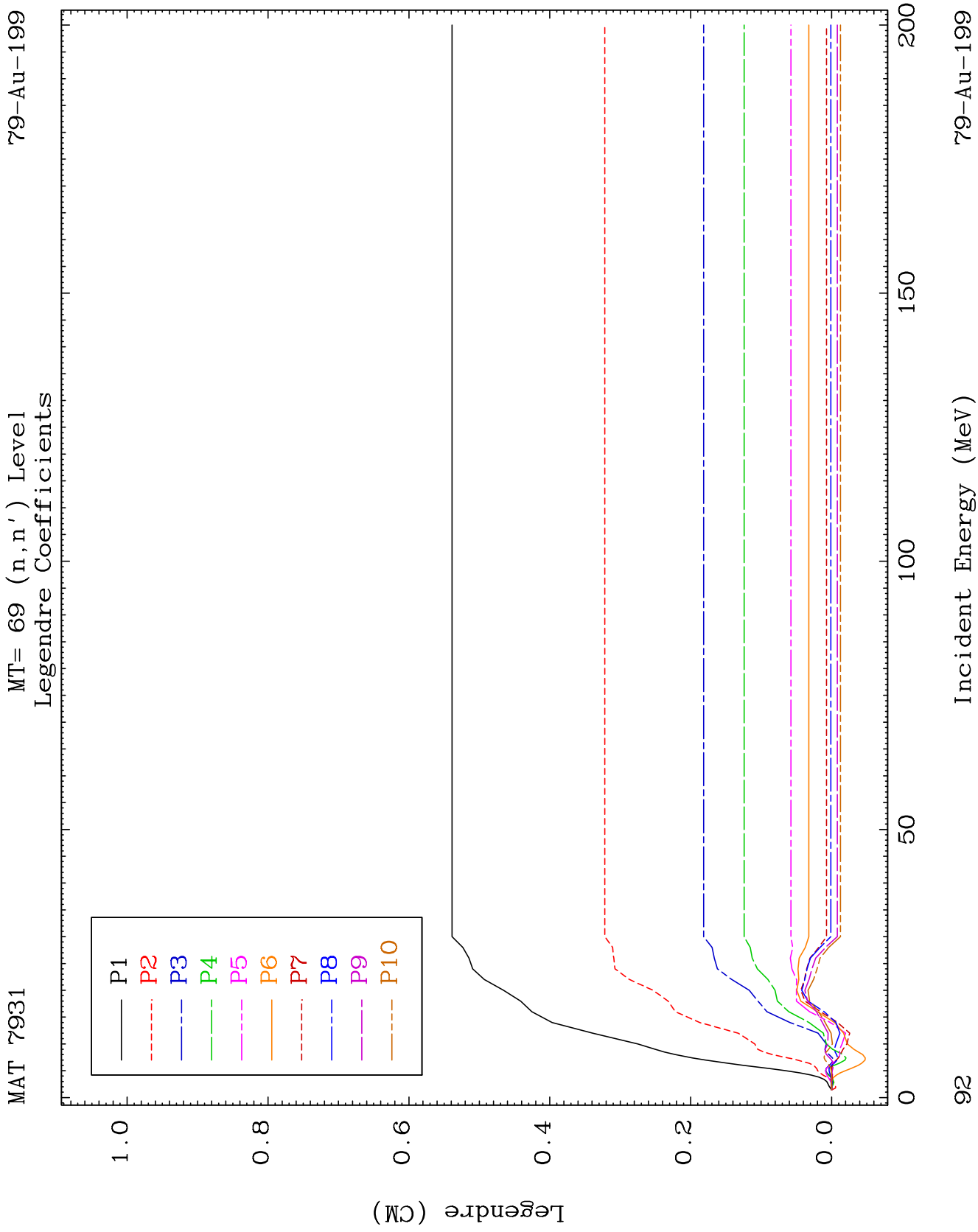


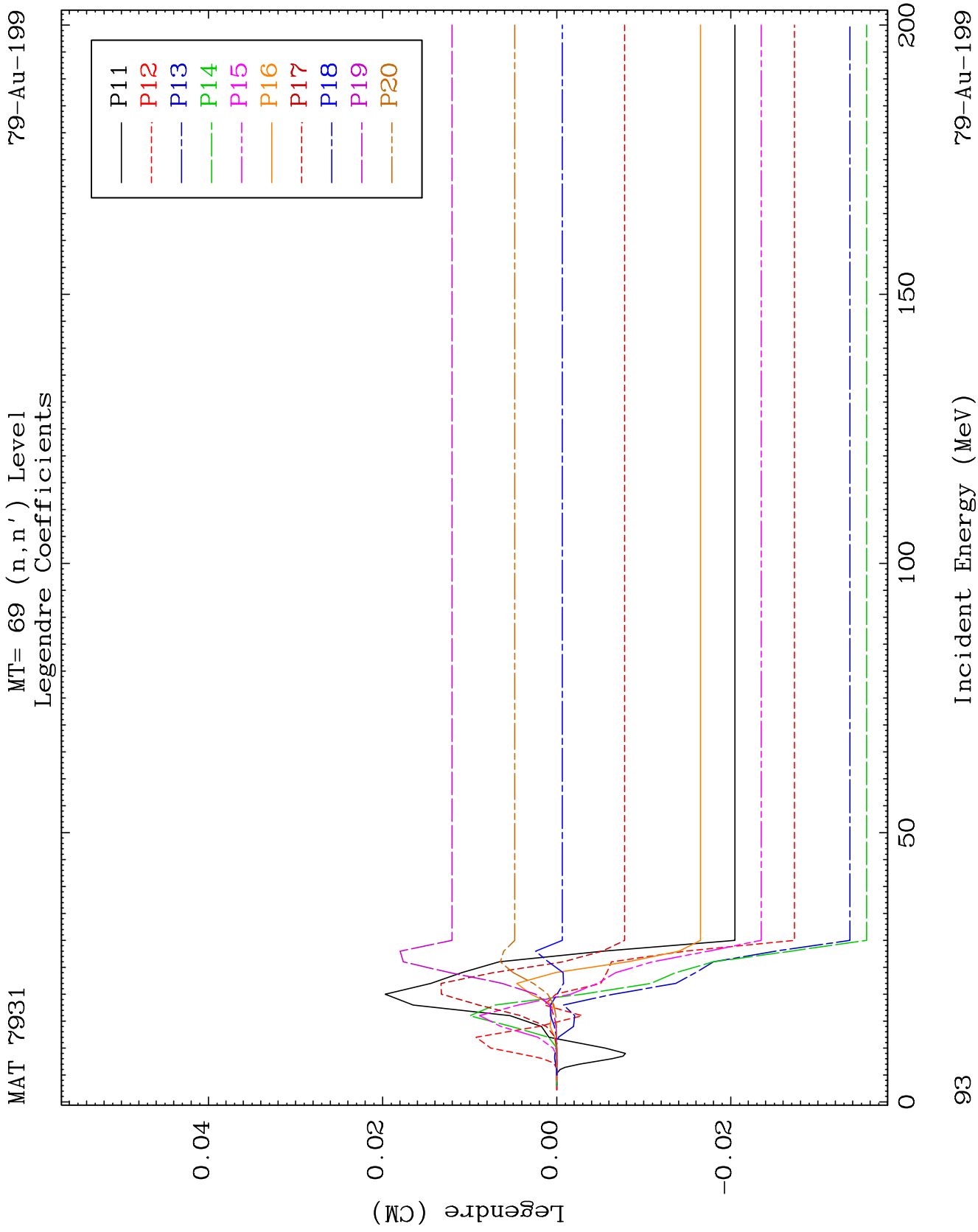








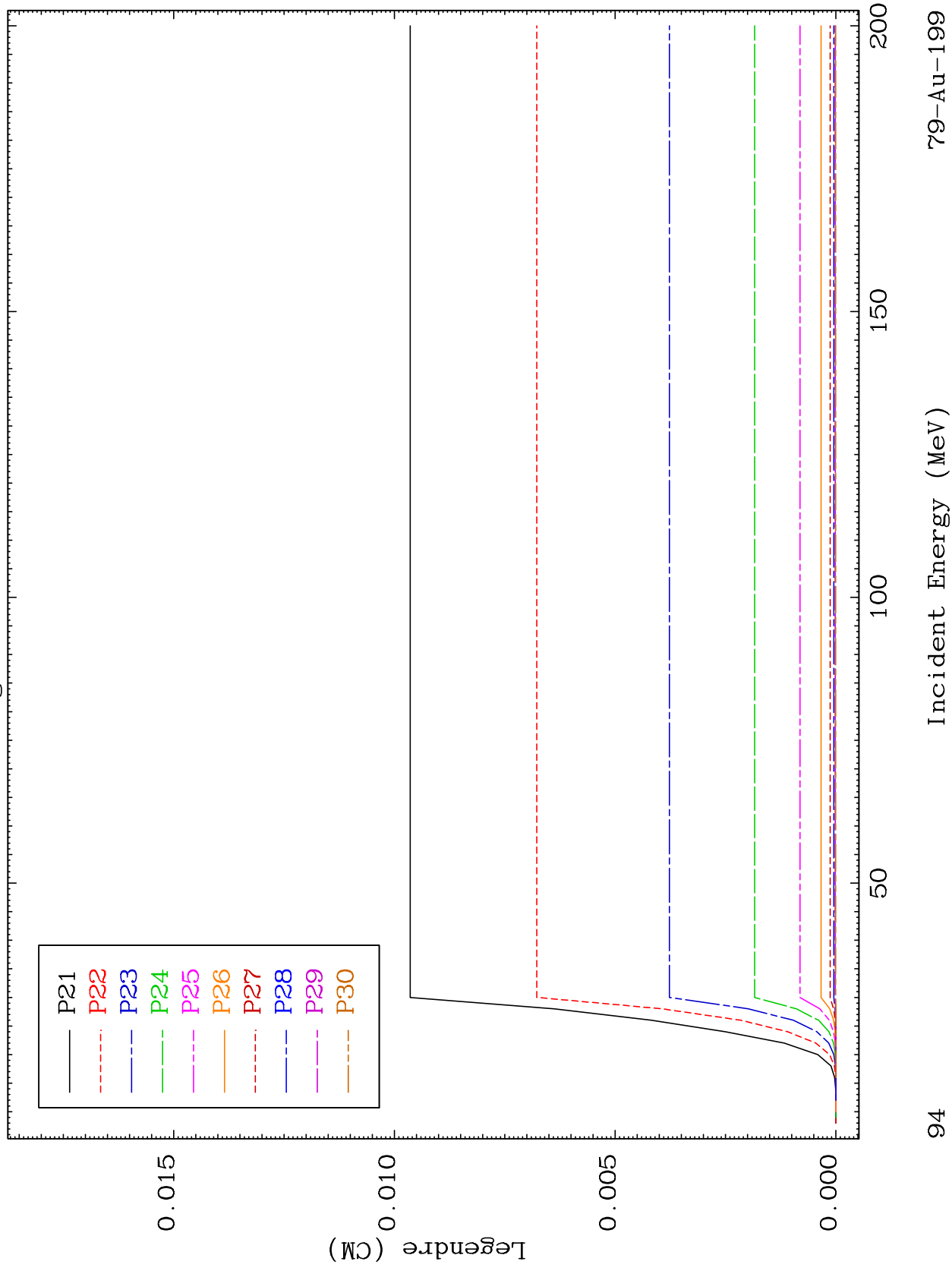




MAT 7931

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

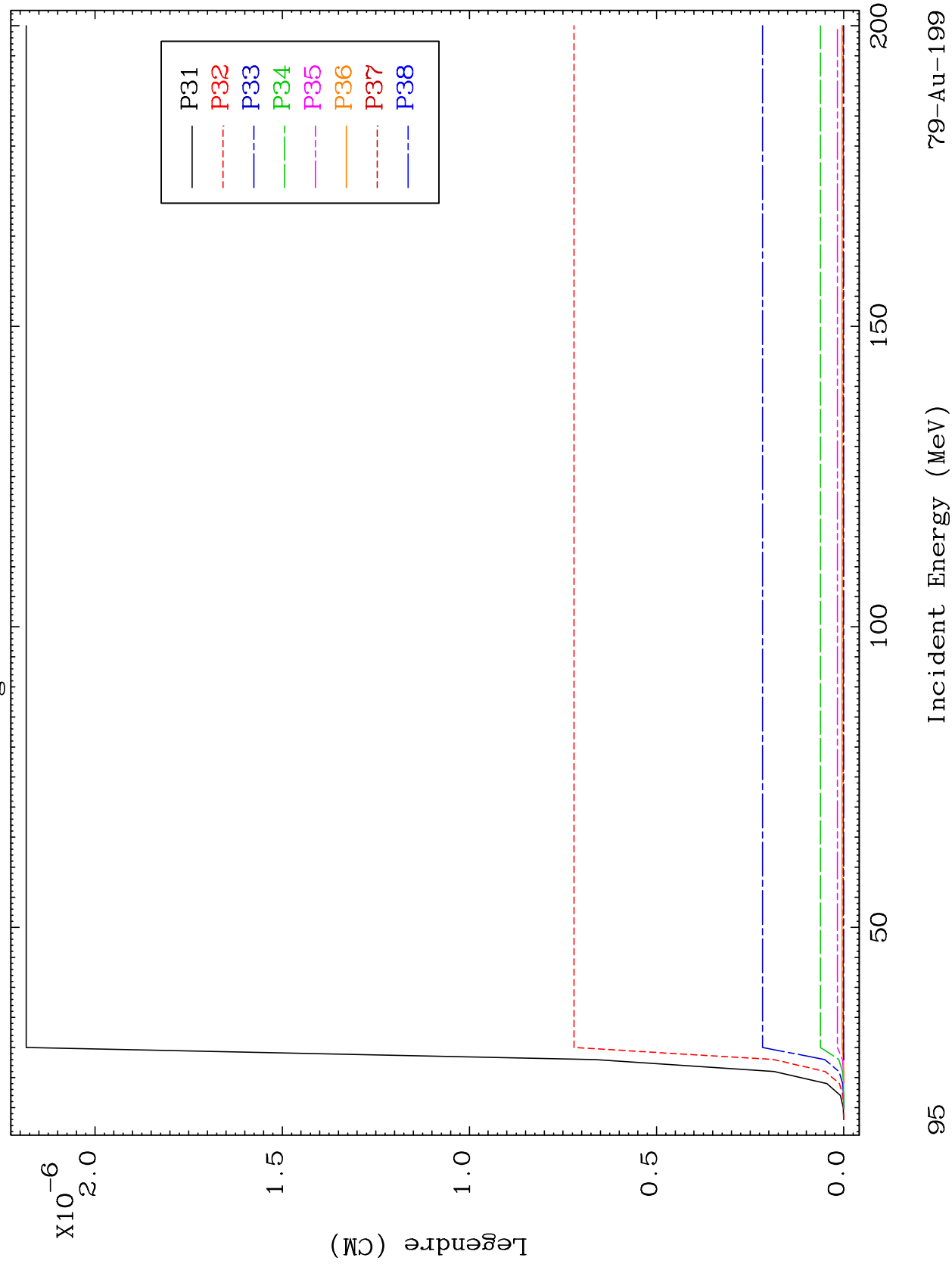
79-Au-199

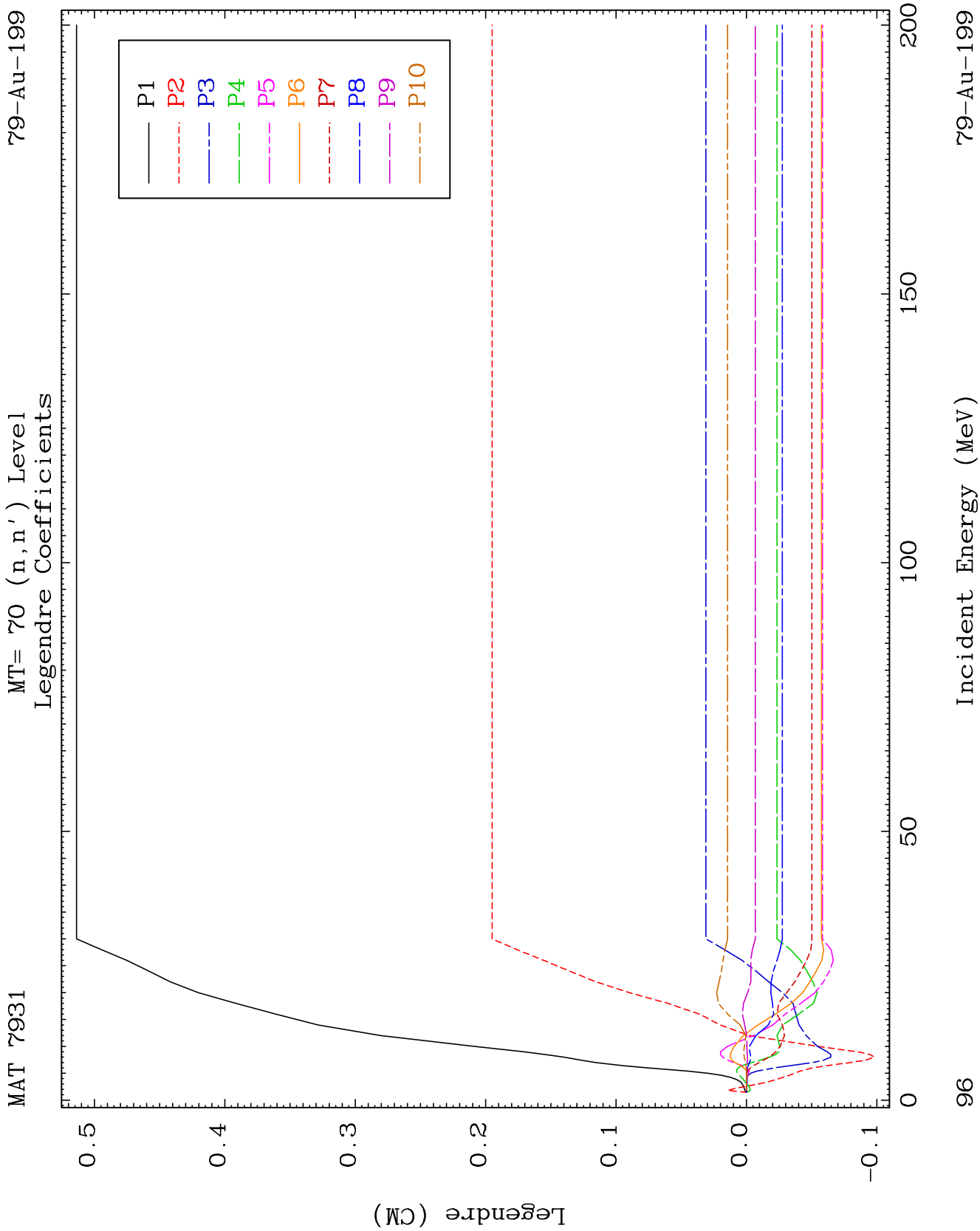


MAT 7931

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

79-Au-199

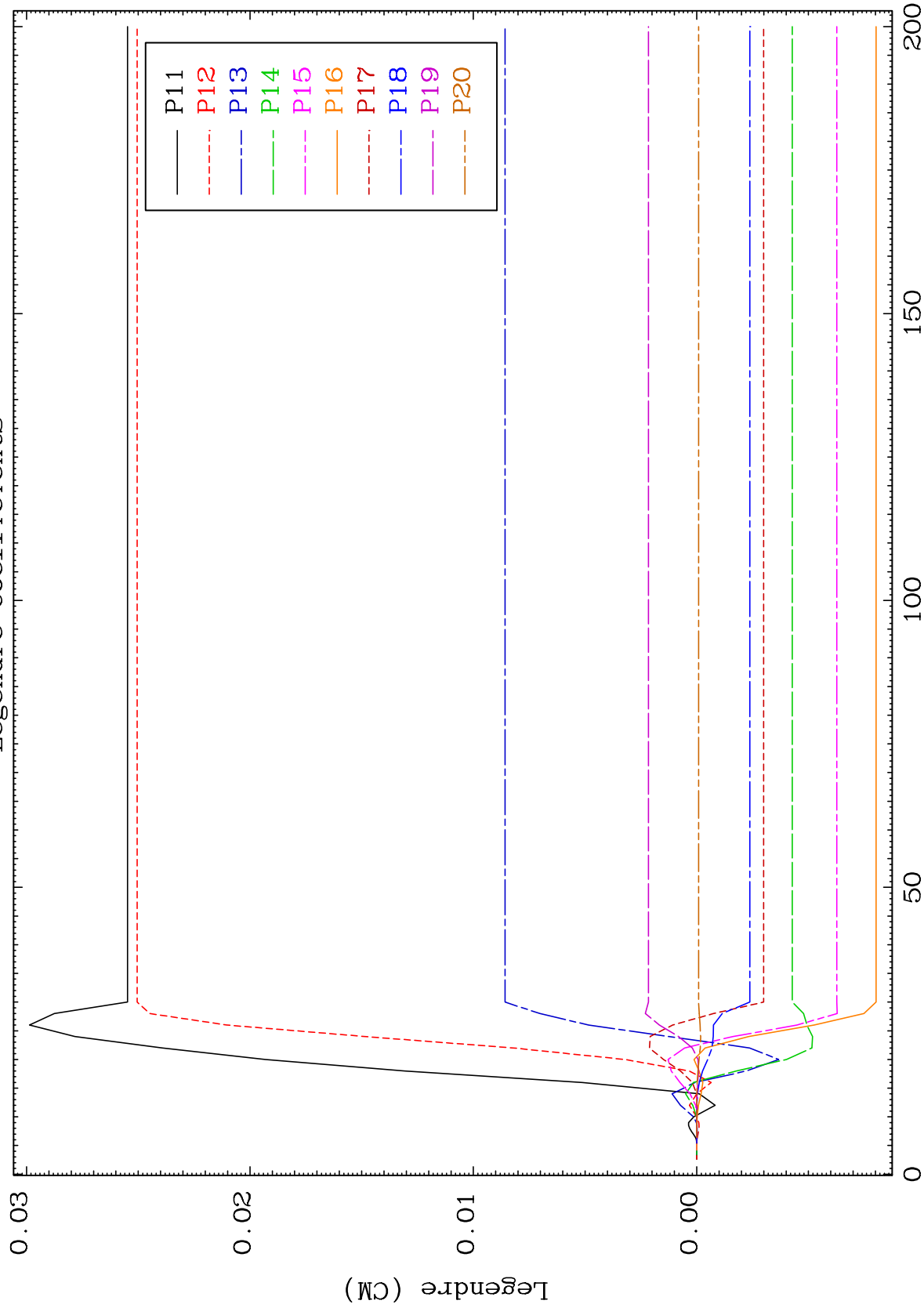




MAT 7931

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

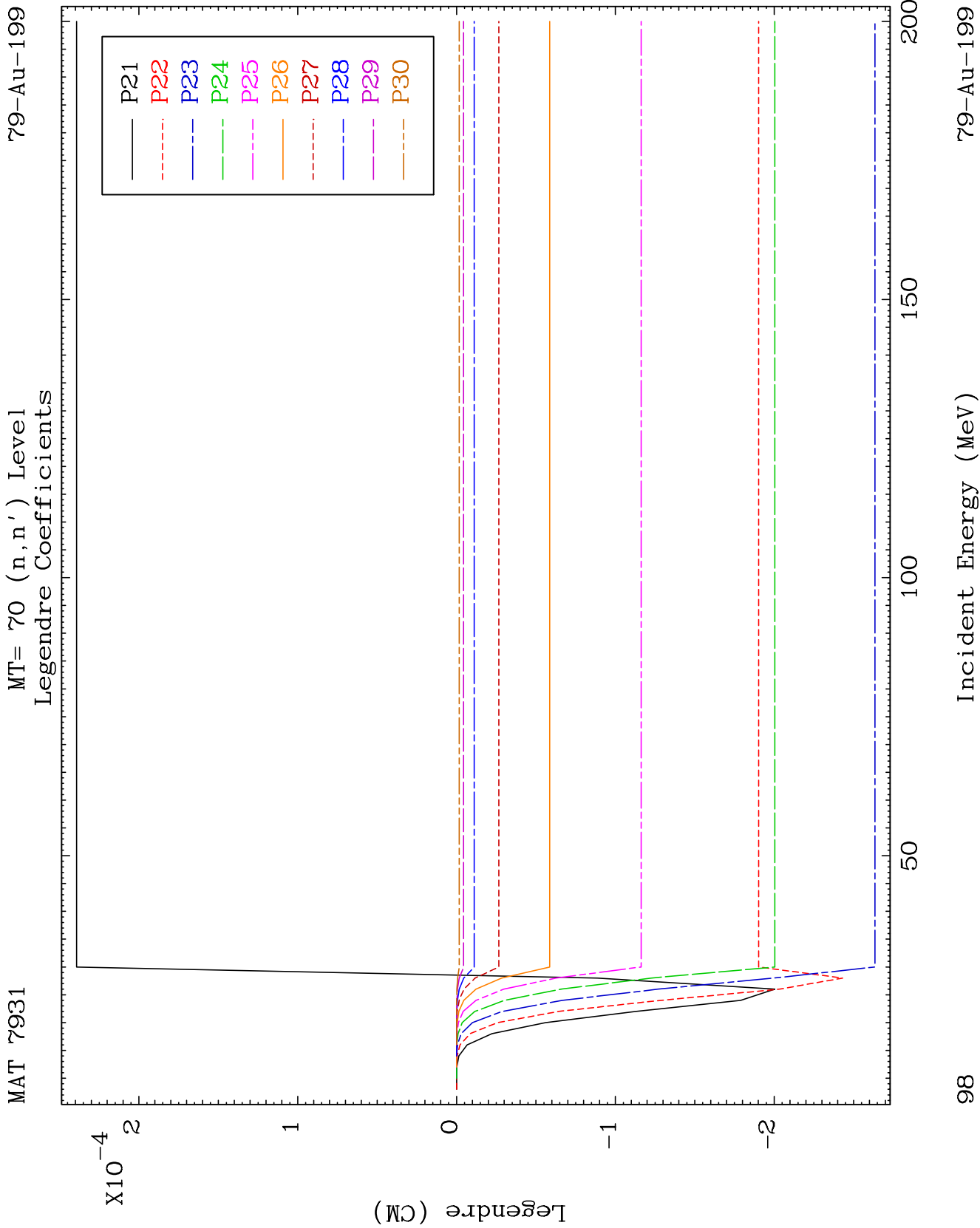
79-Au-199

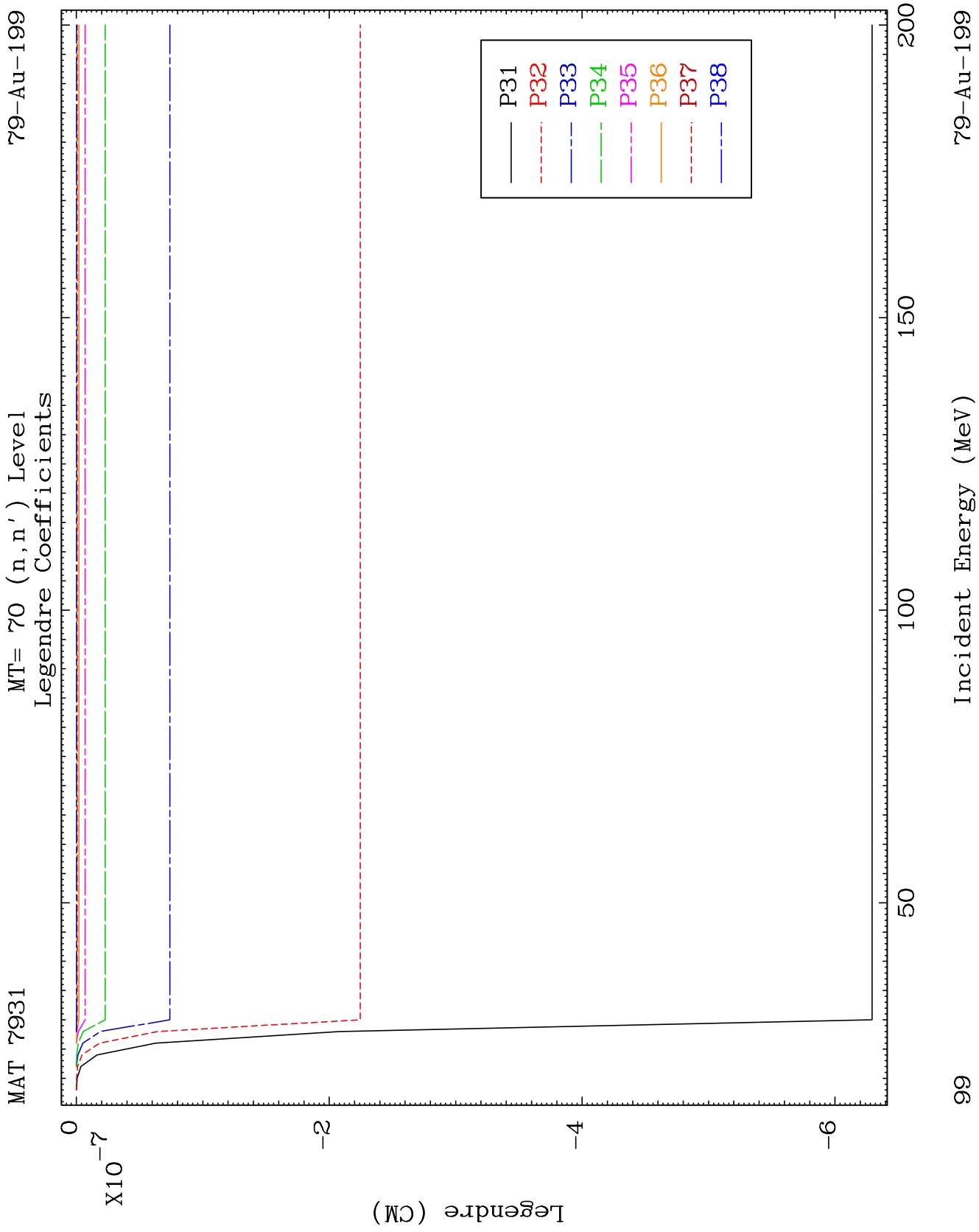


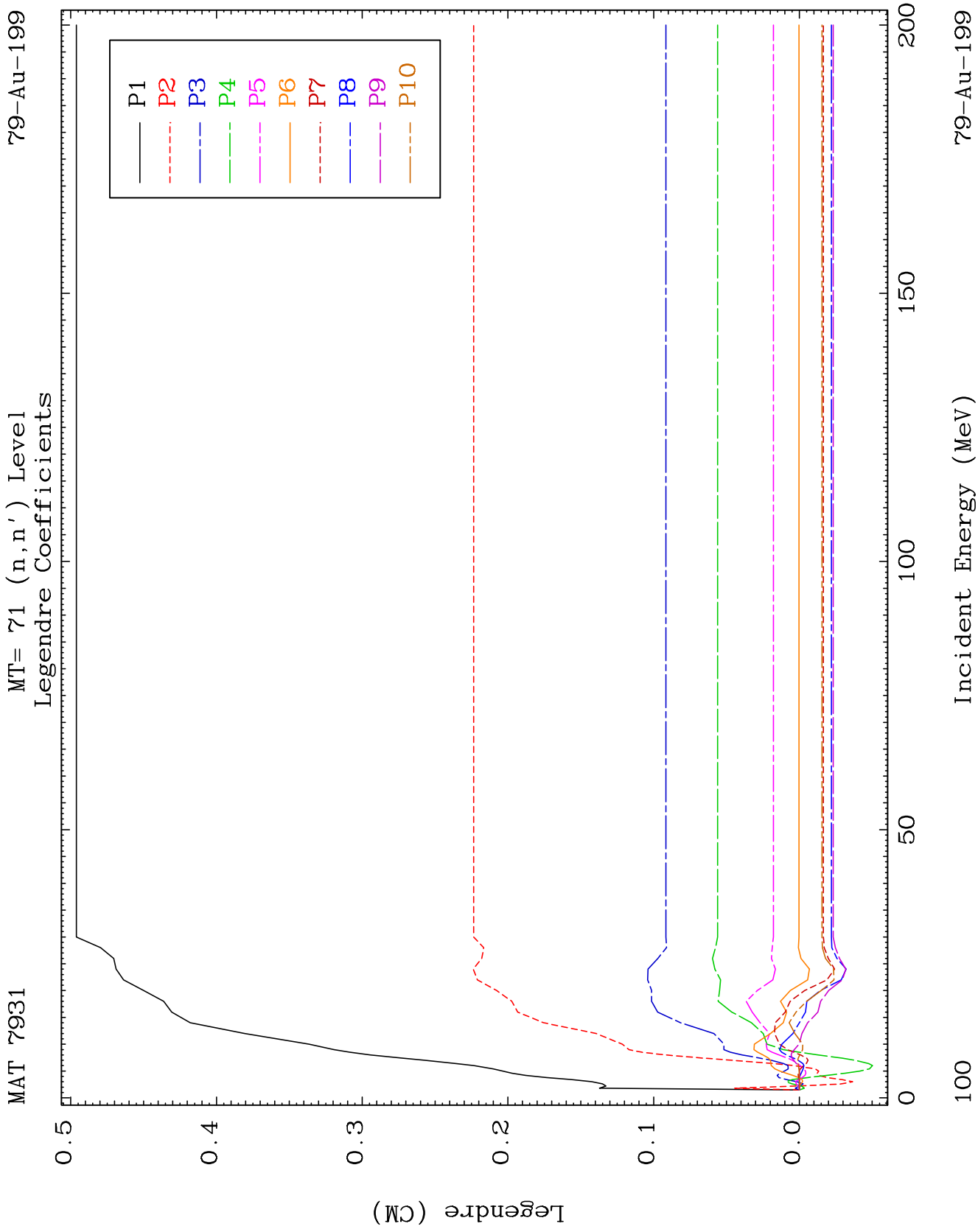
26

Incident Energy (MeV)

79-Au-199



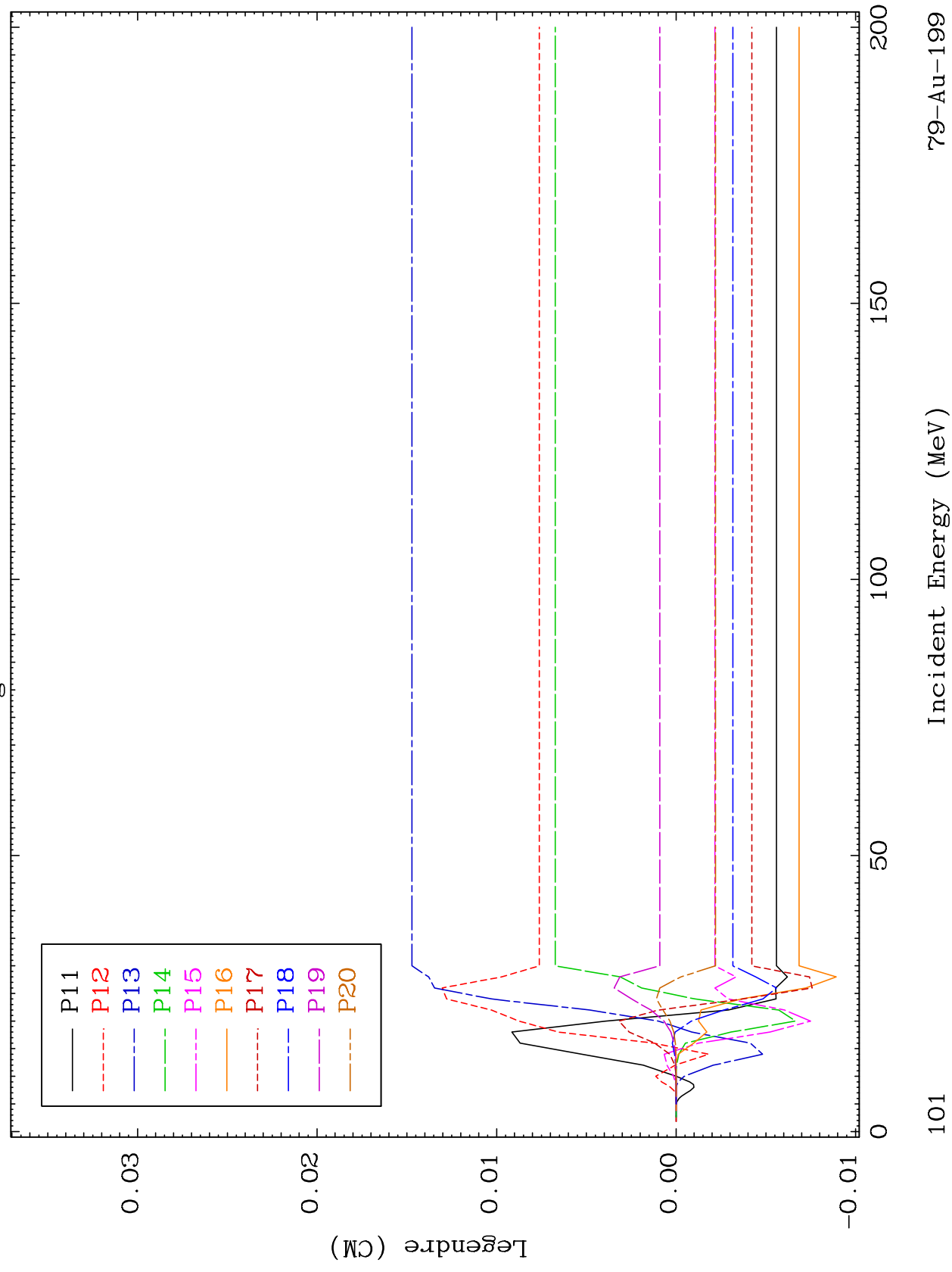


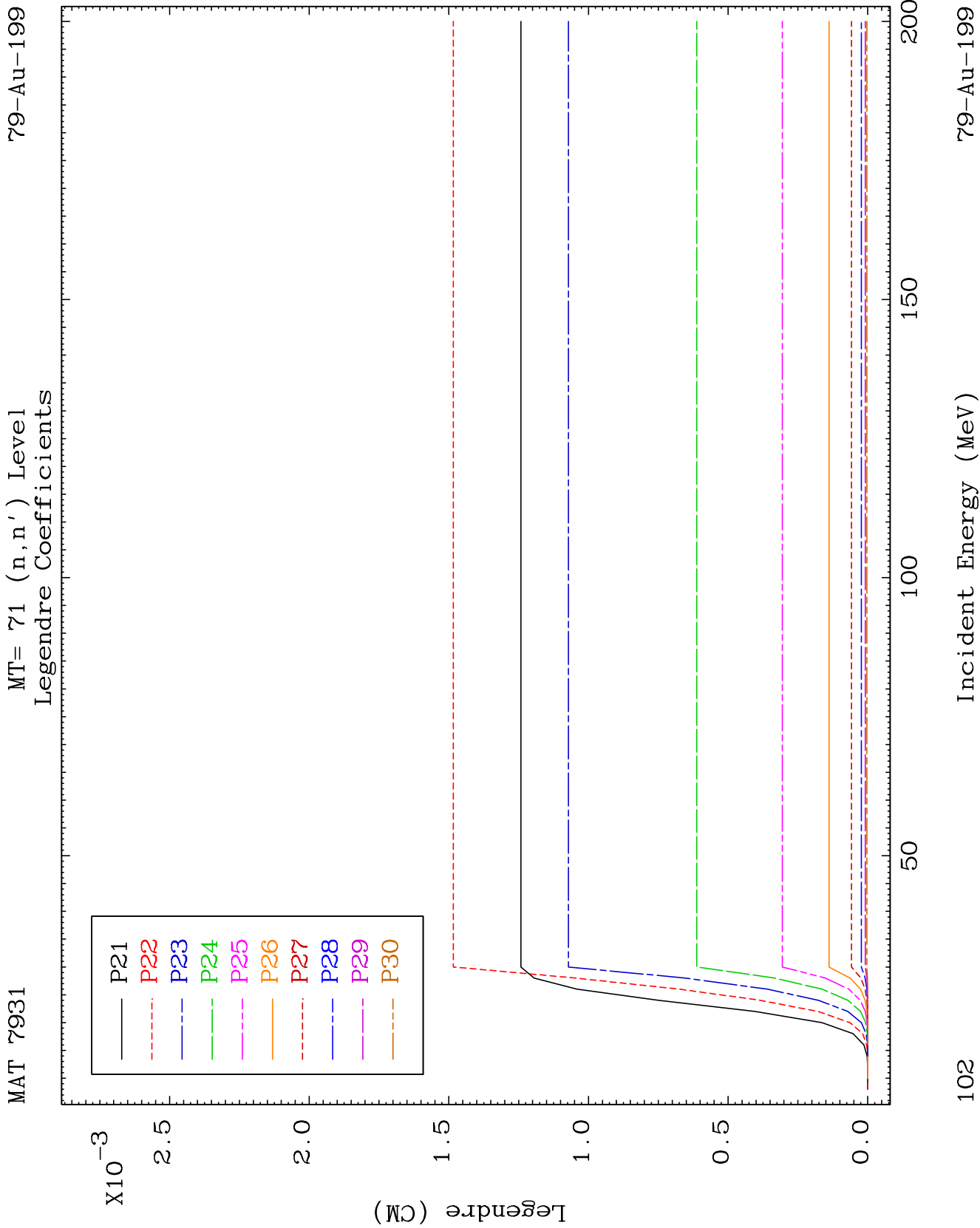


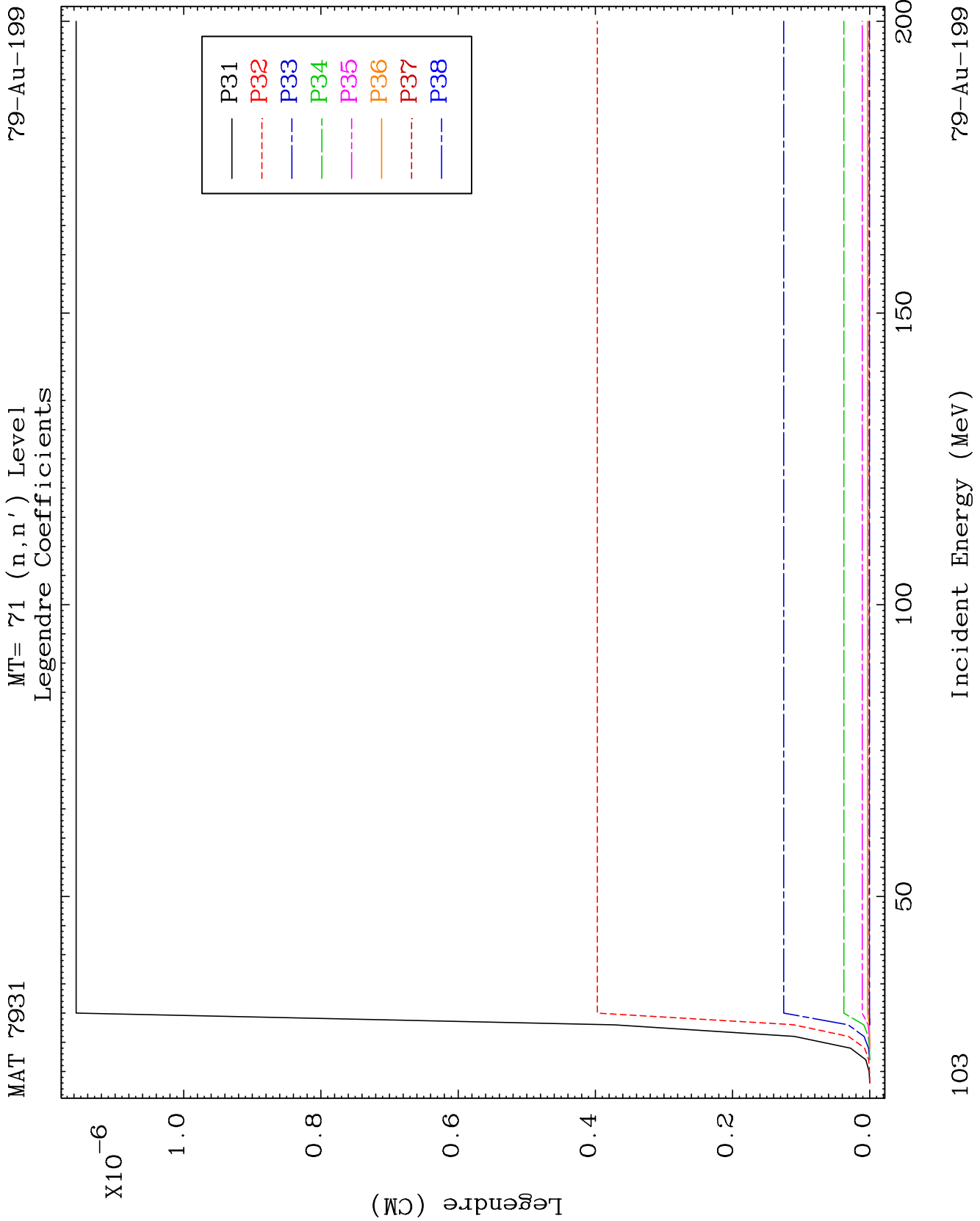
MAT 7931

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

79-Au-199



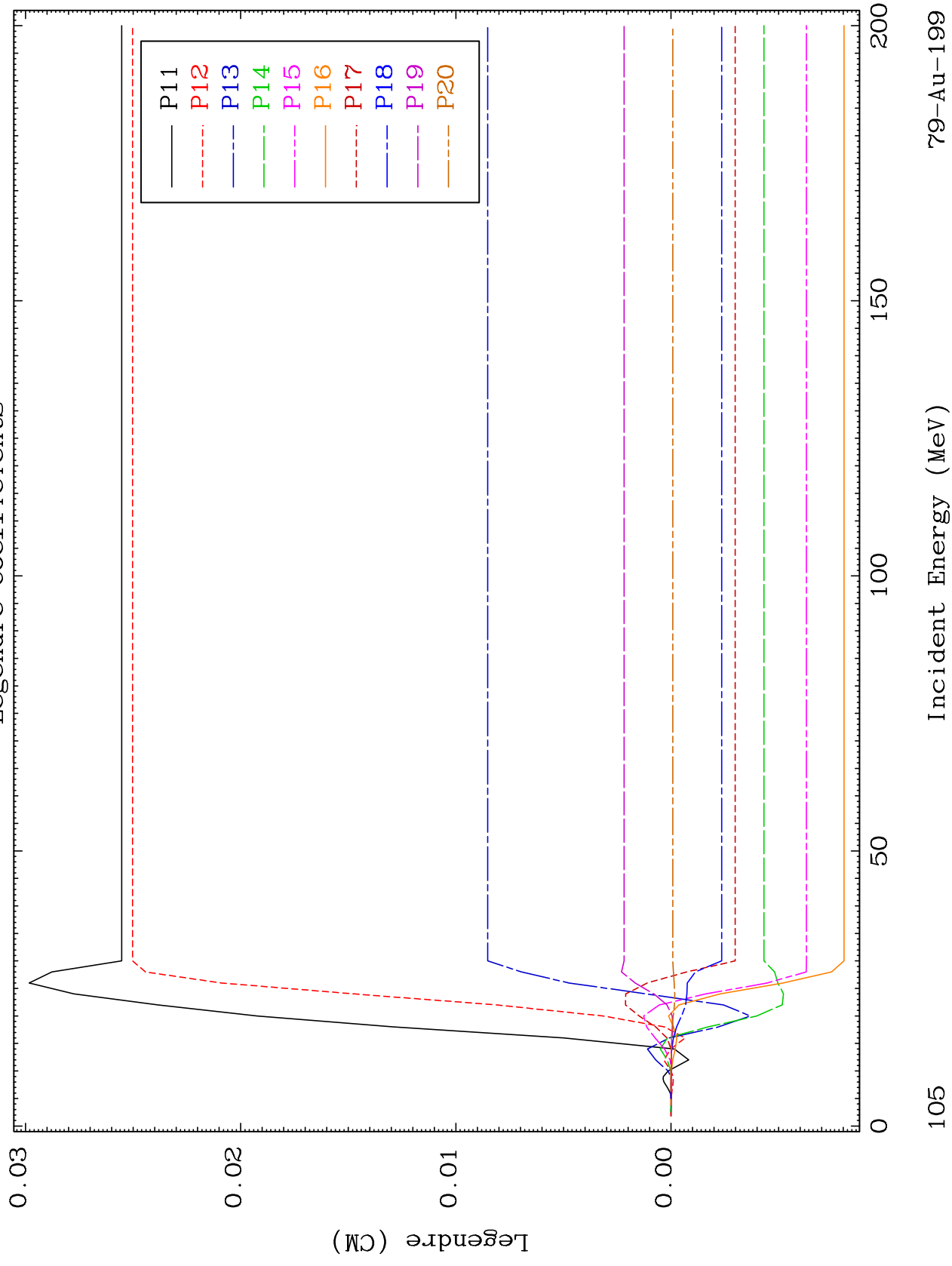


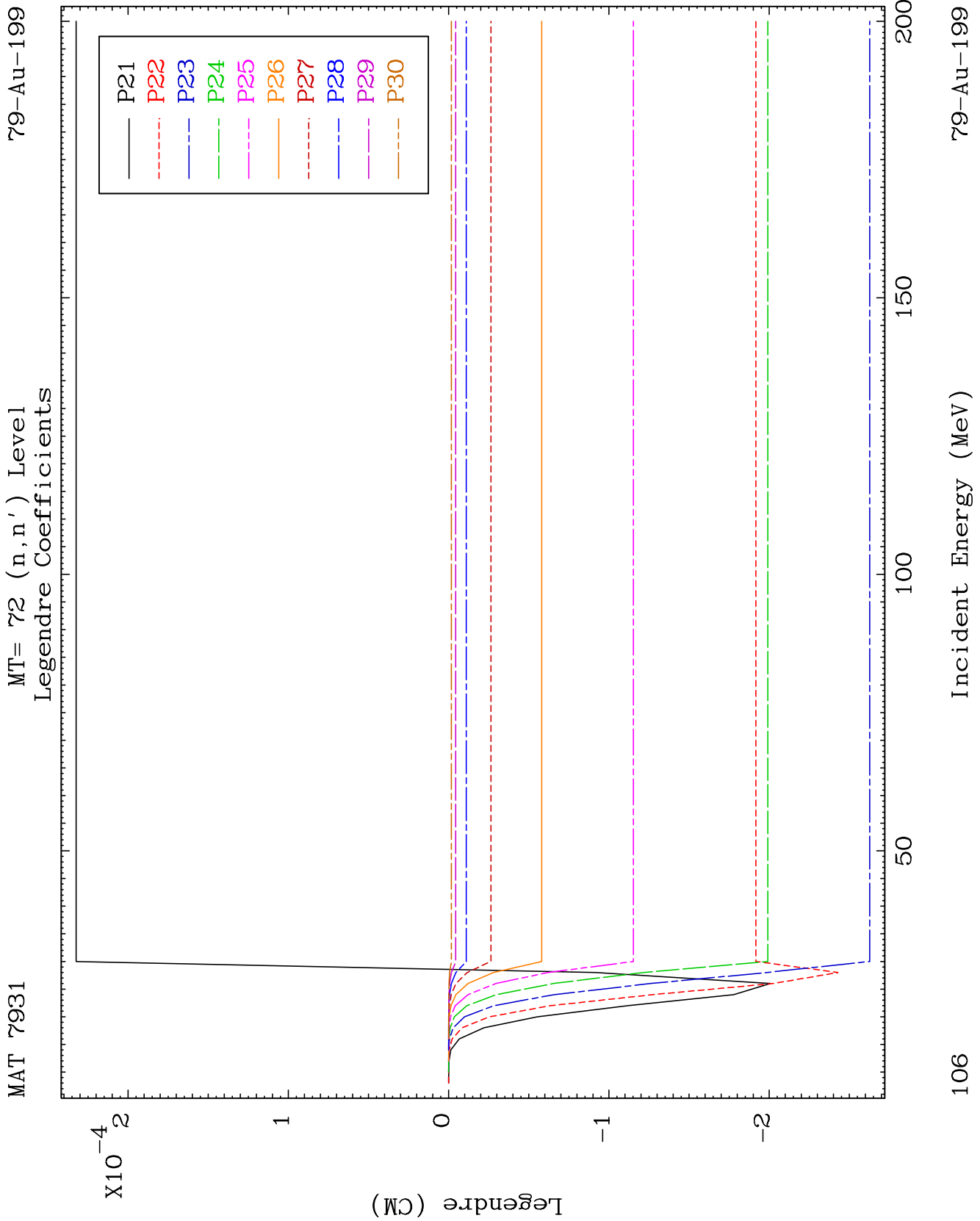


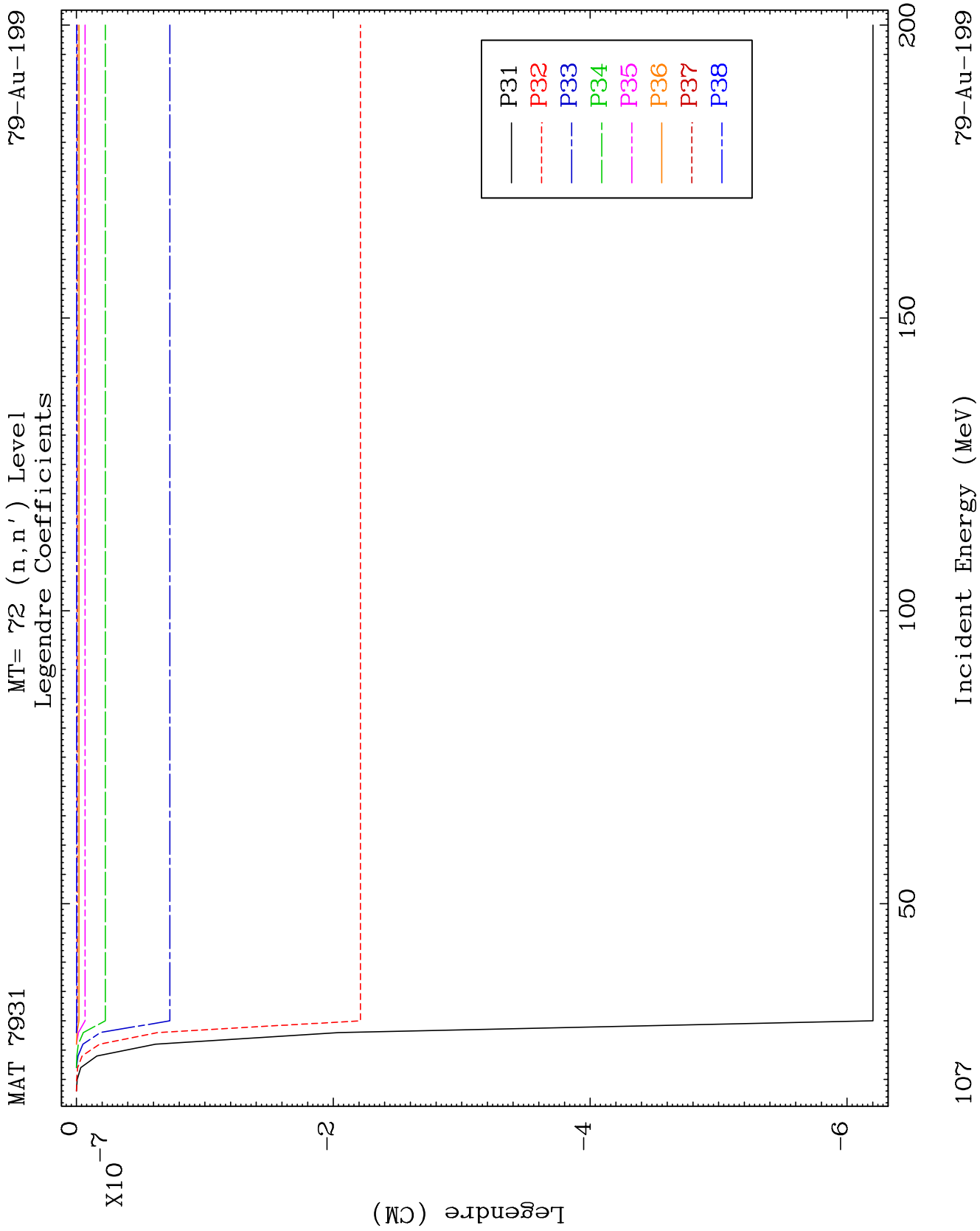
MAT 7931

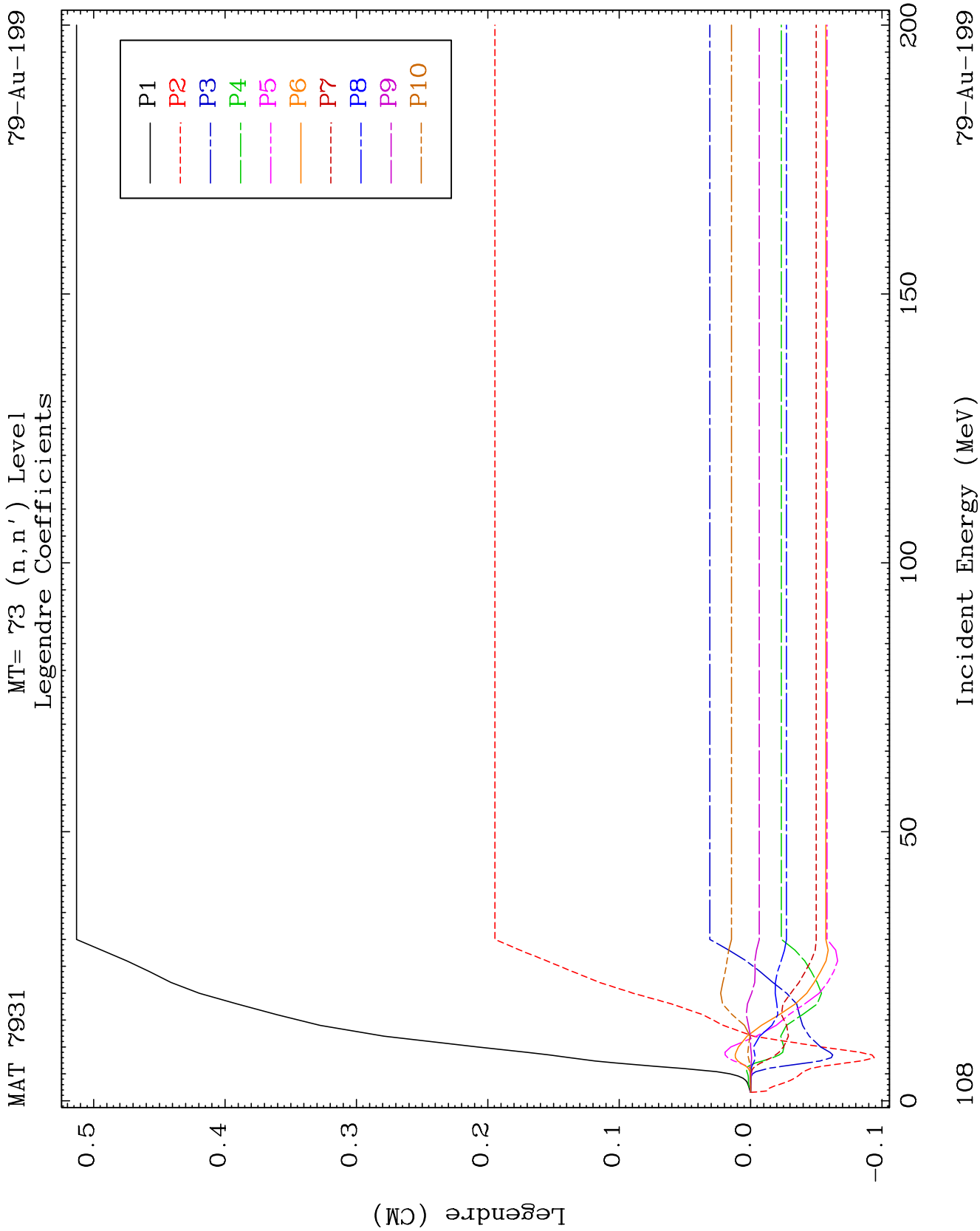
MT= 72 (n, n') Level
Legendre Coefficients

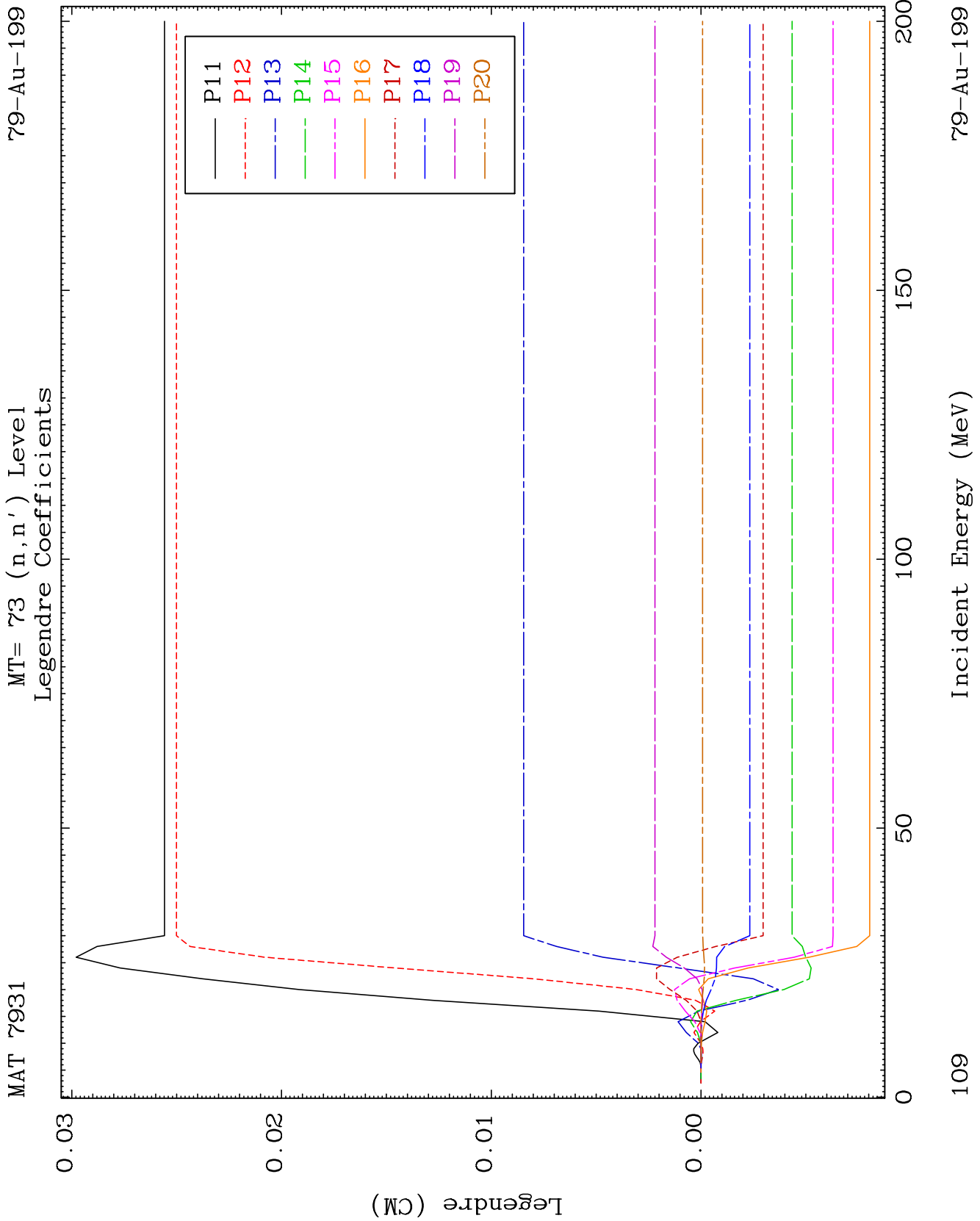
79-Au-199

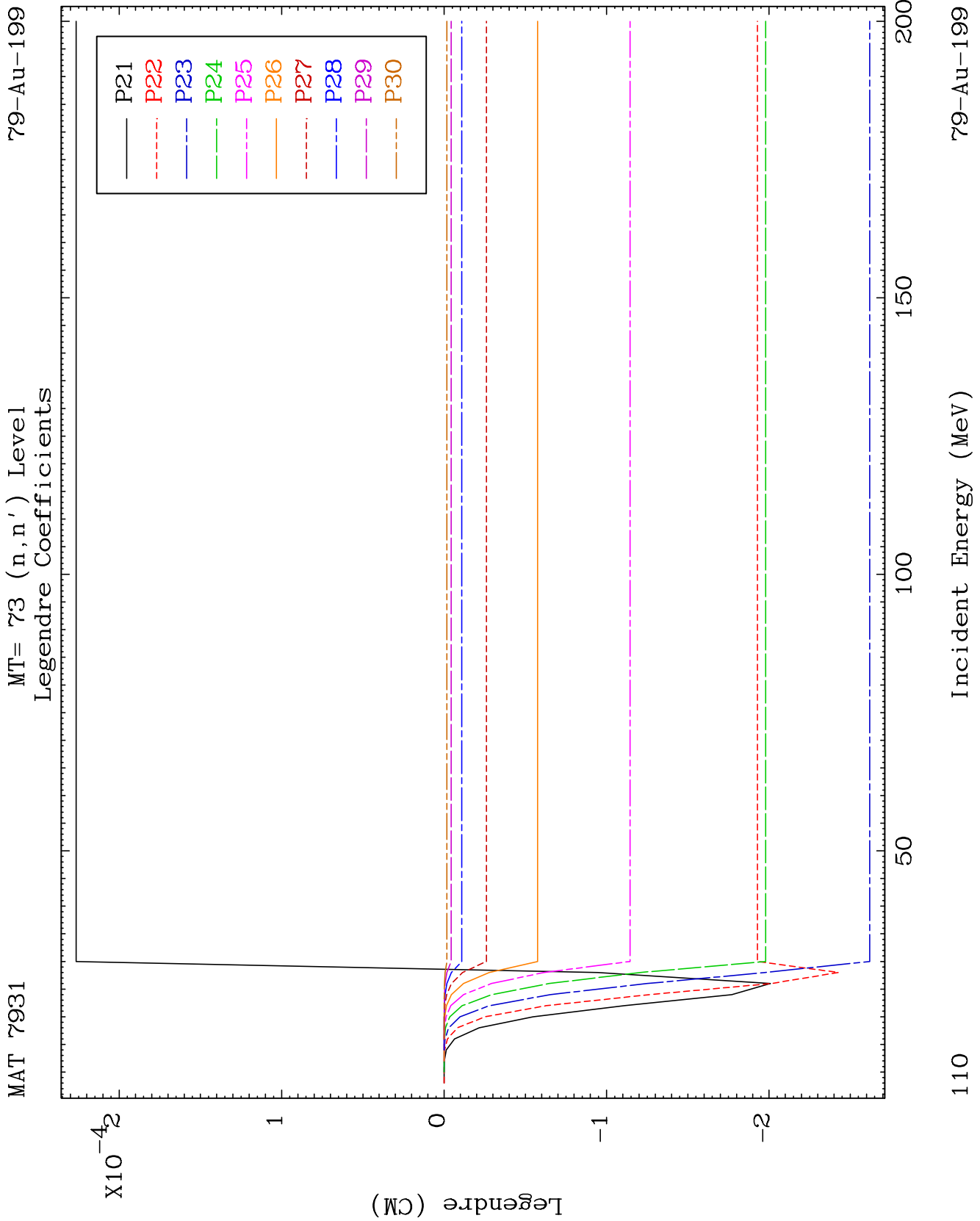


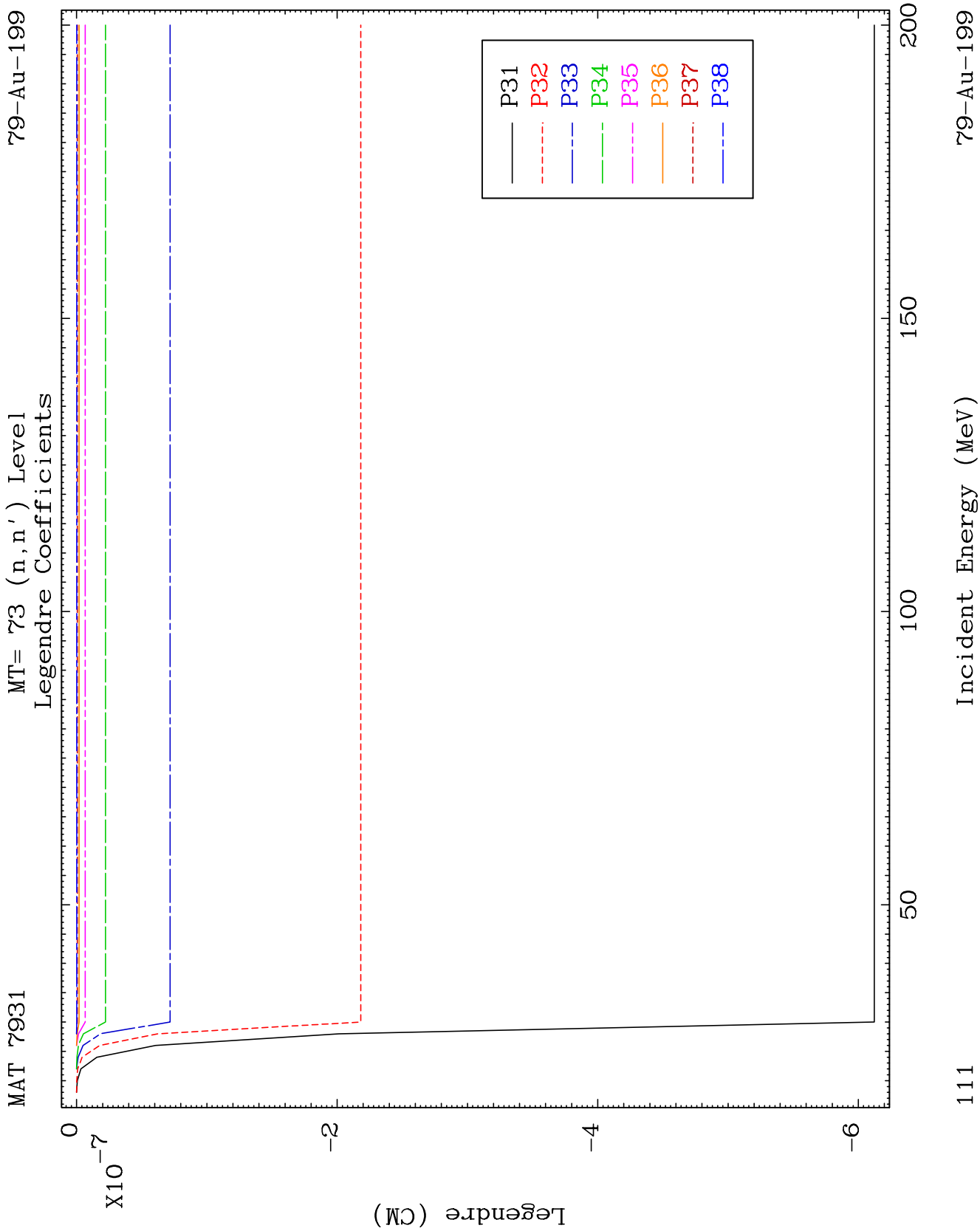


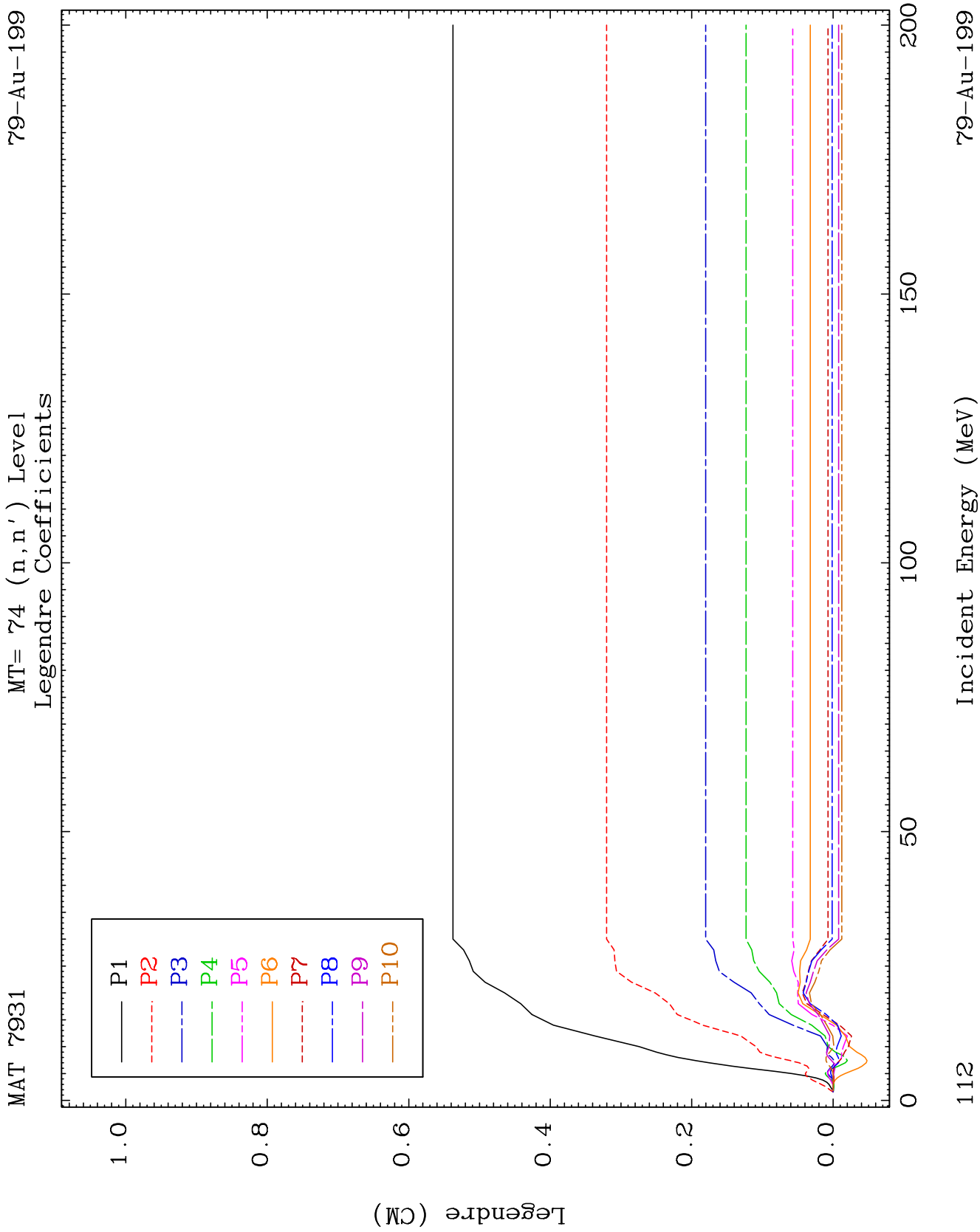


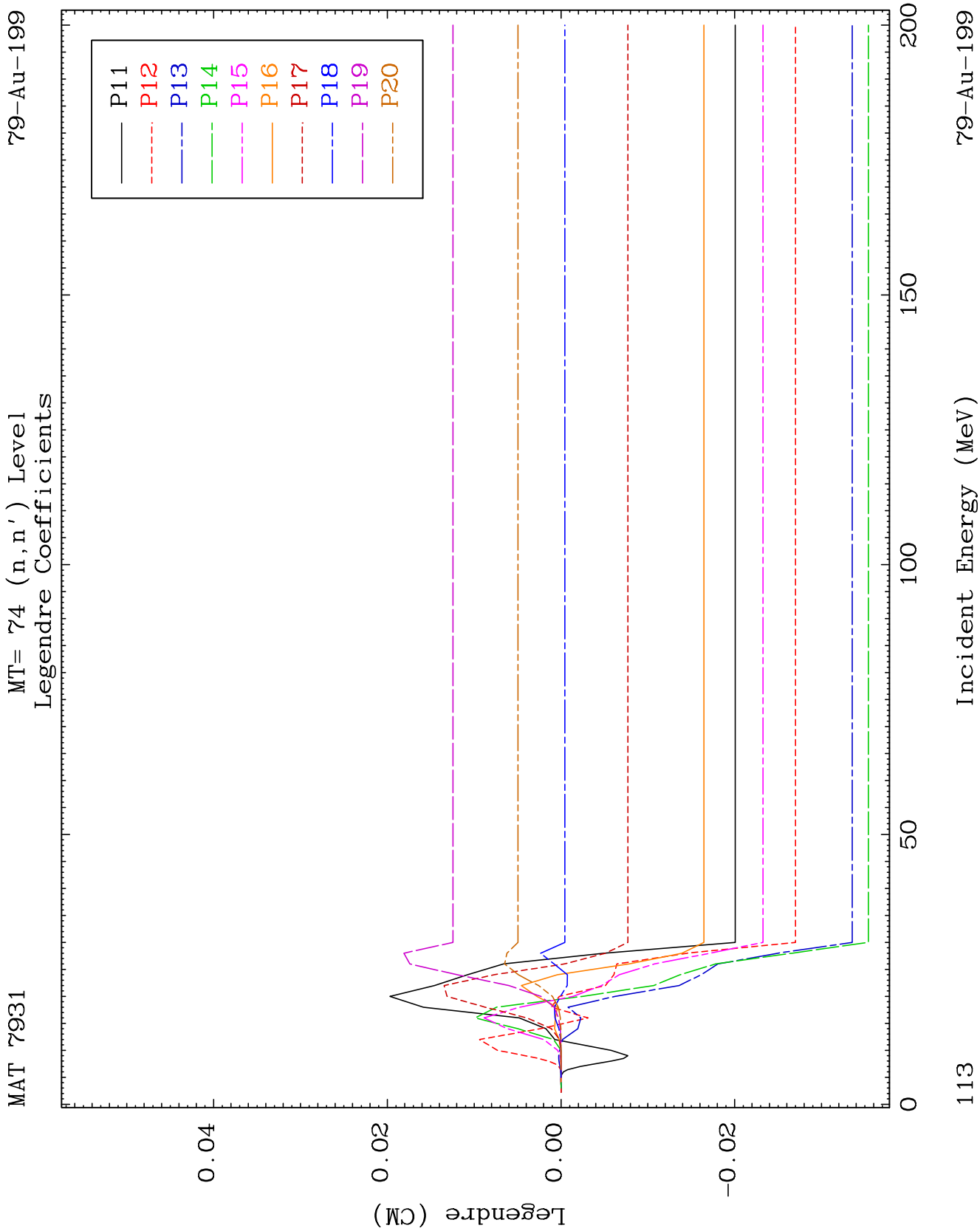


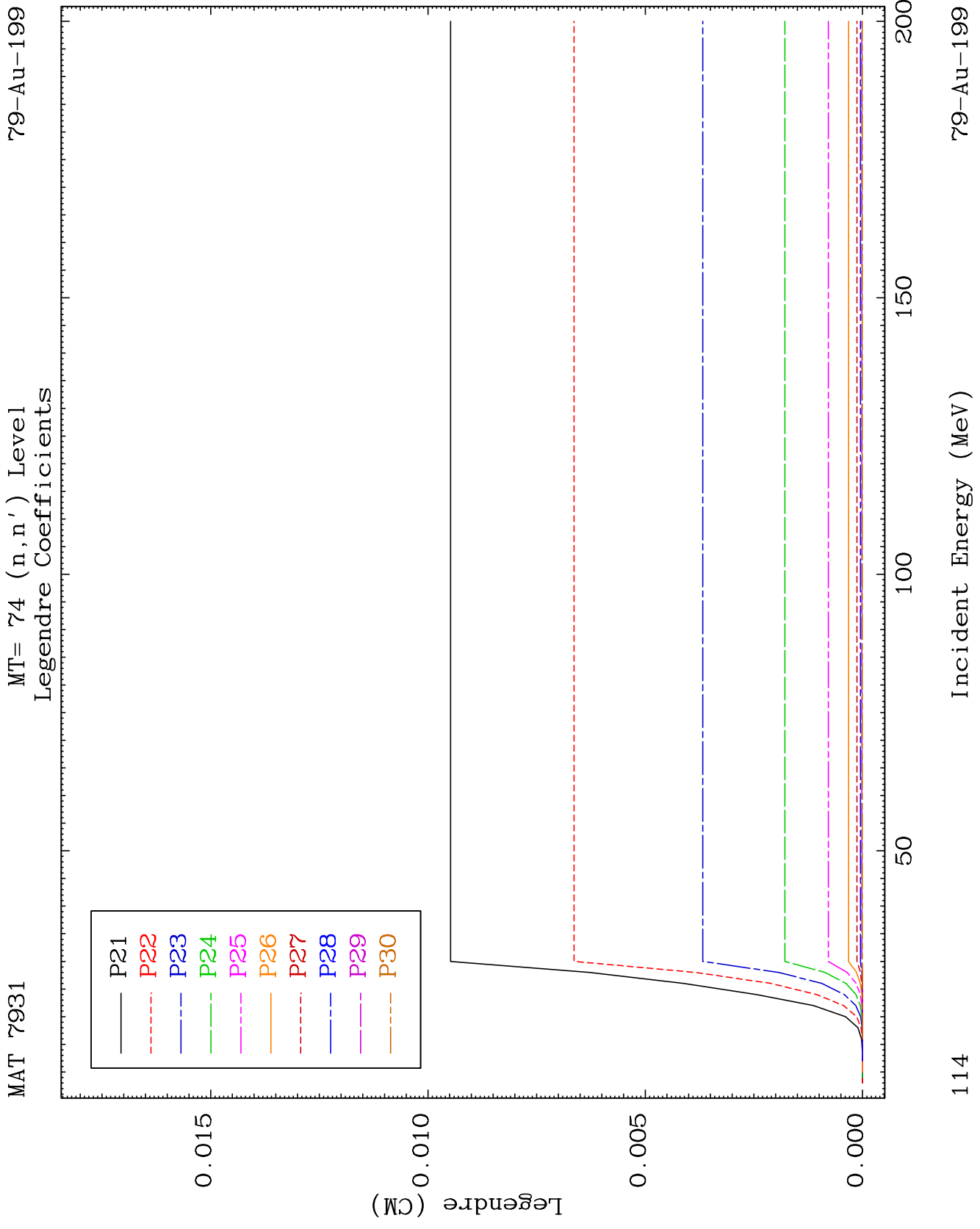


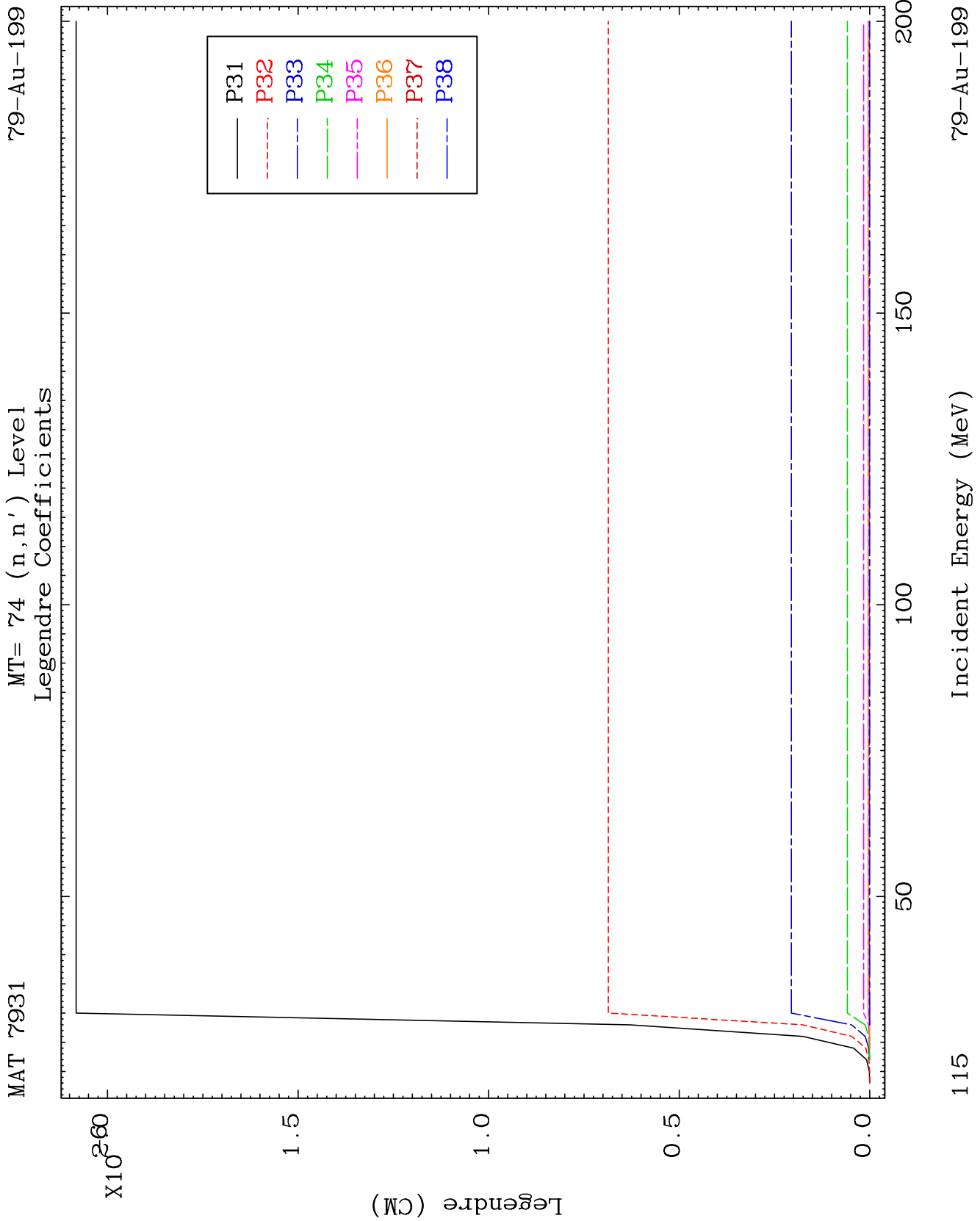


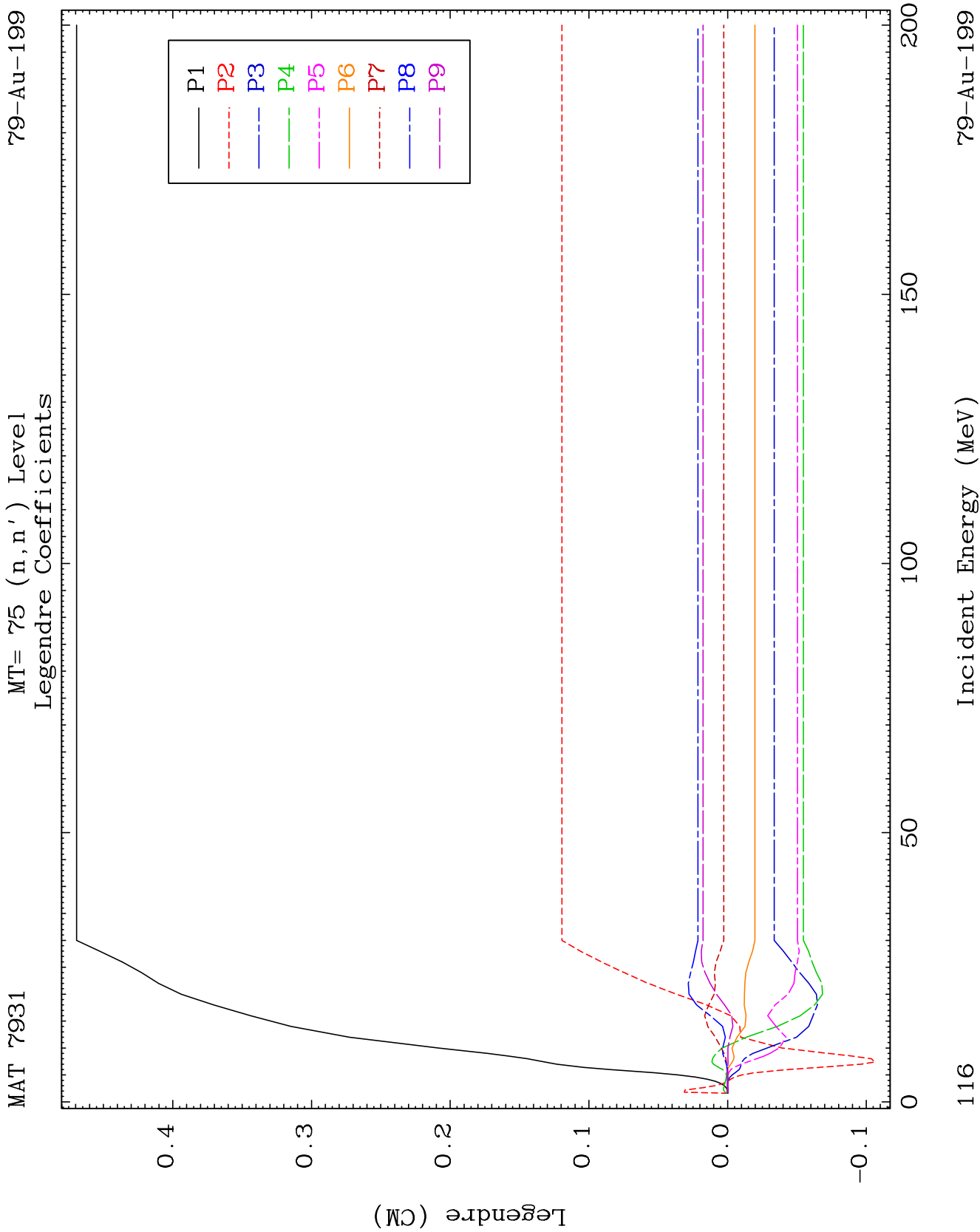








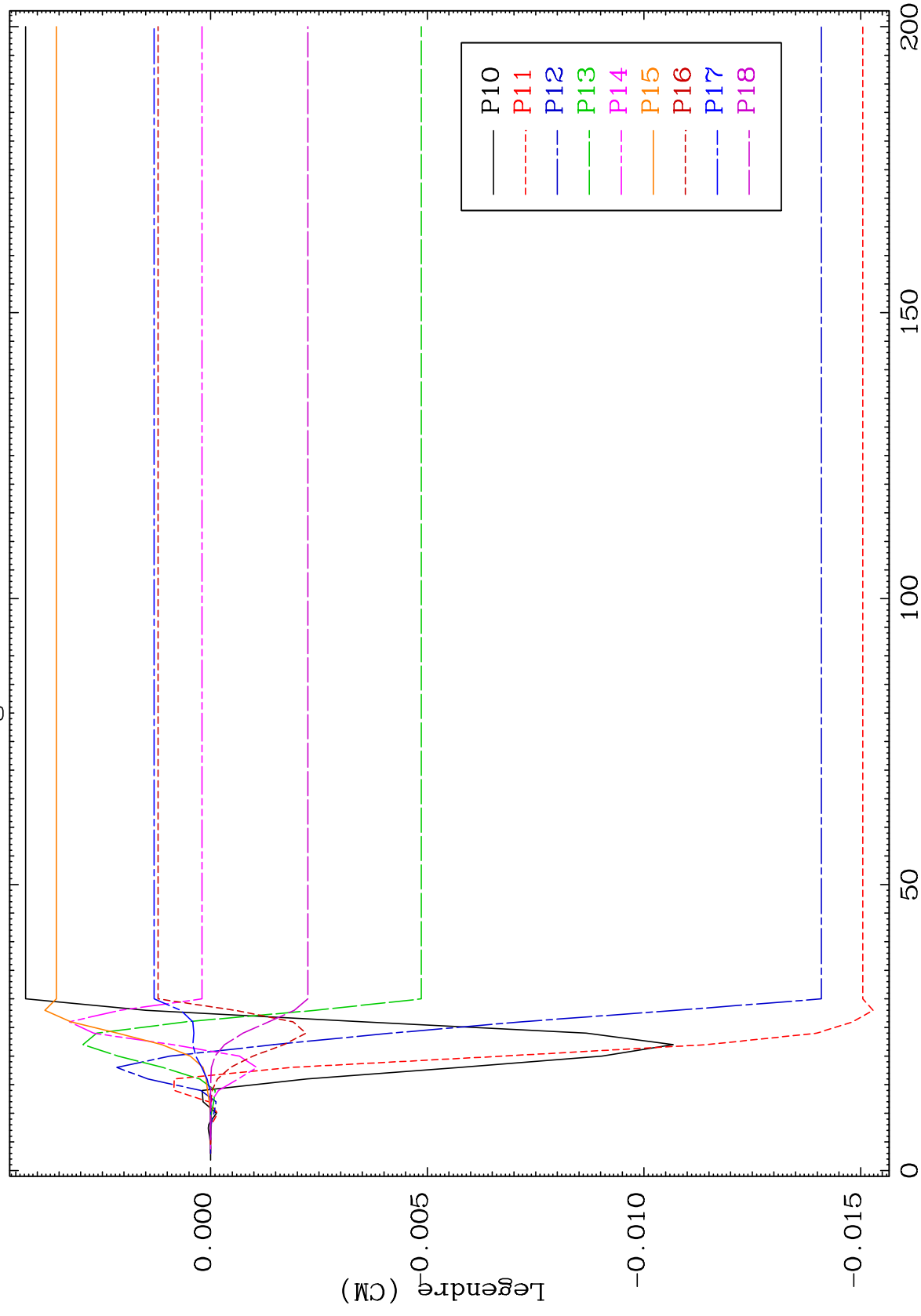




MAT 7931

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

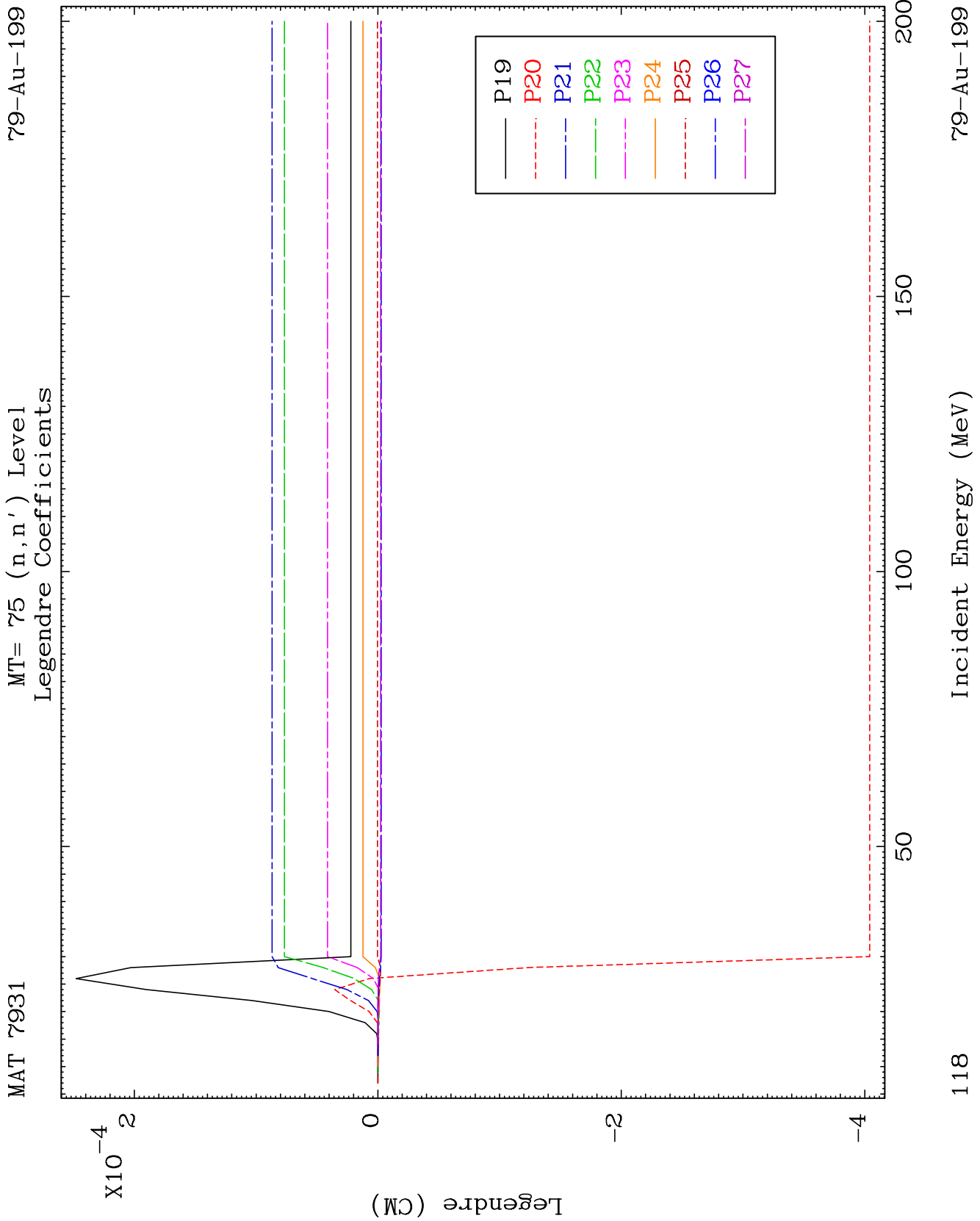
79-Au-199

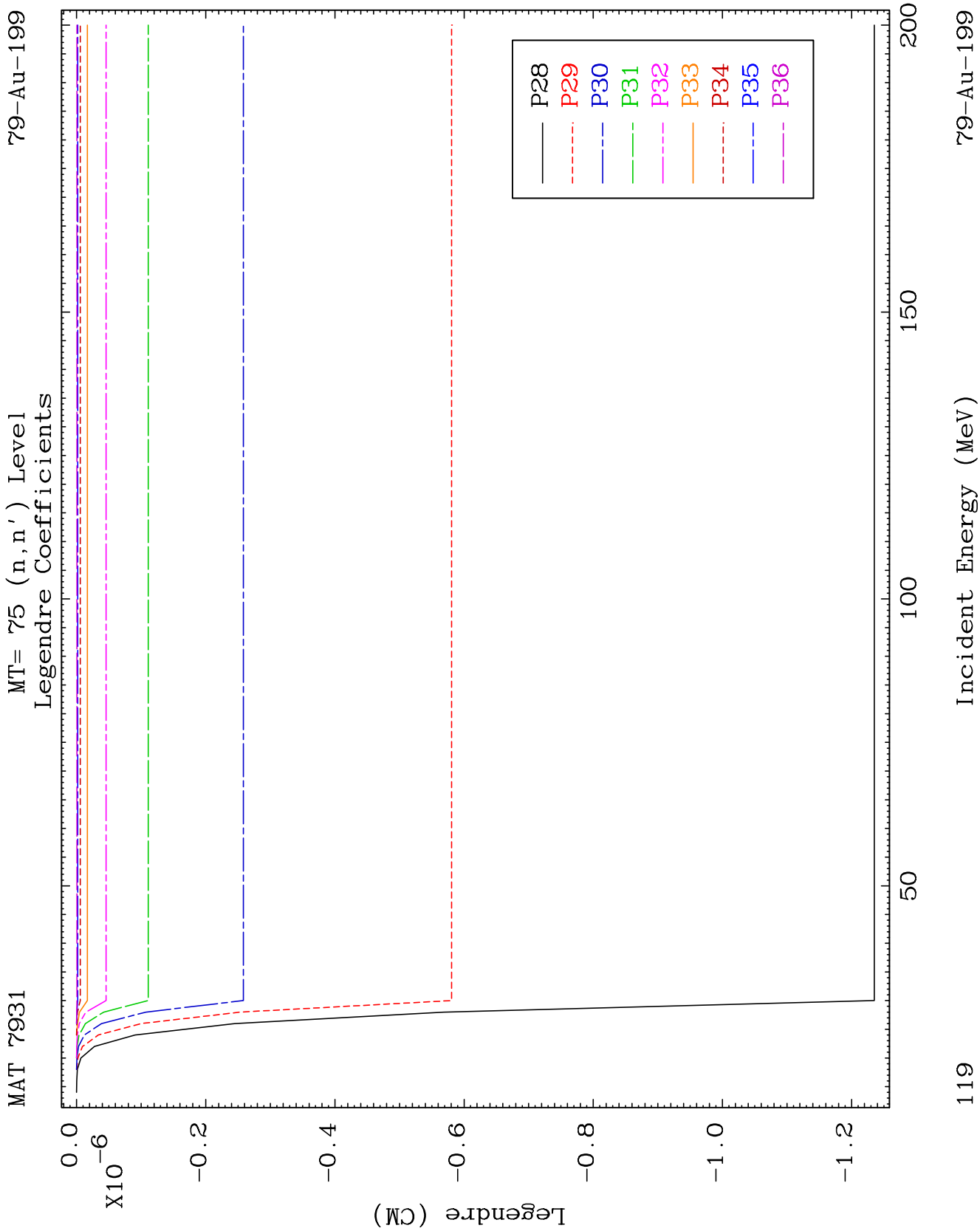


117

Incident Energy (MeV)

79-Au-199

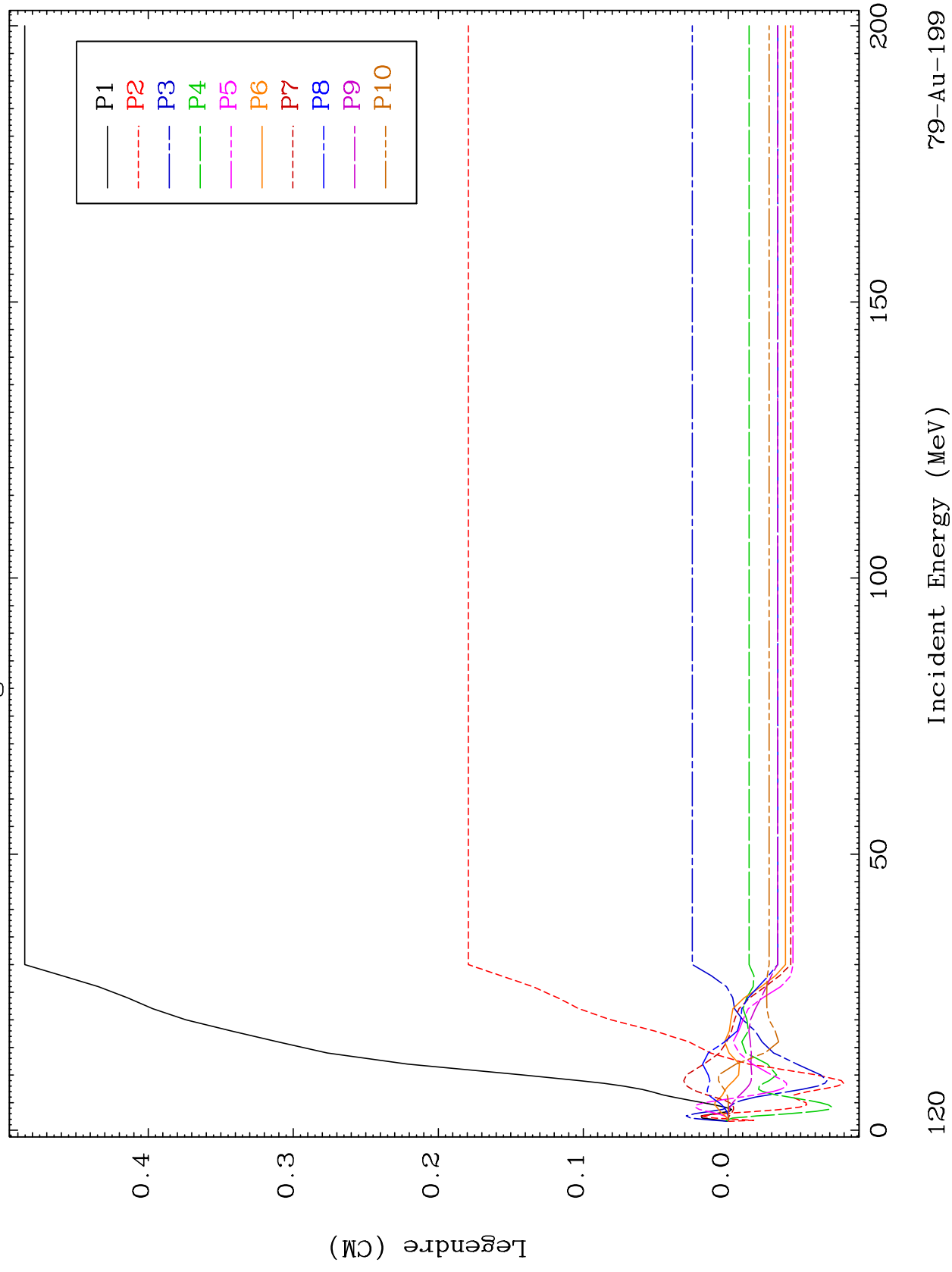




MAT 7931

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

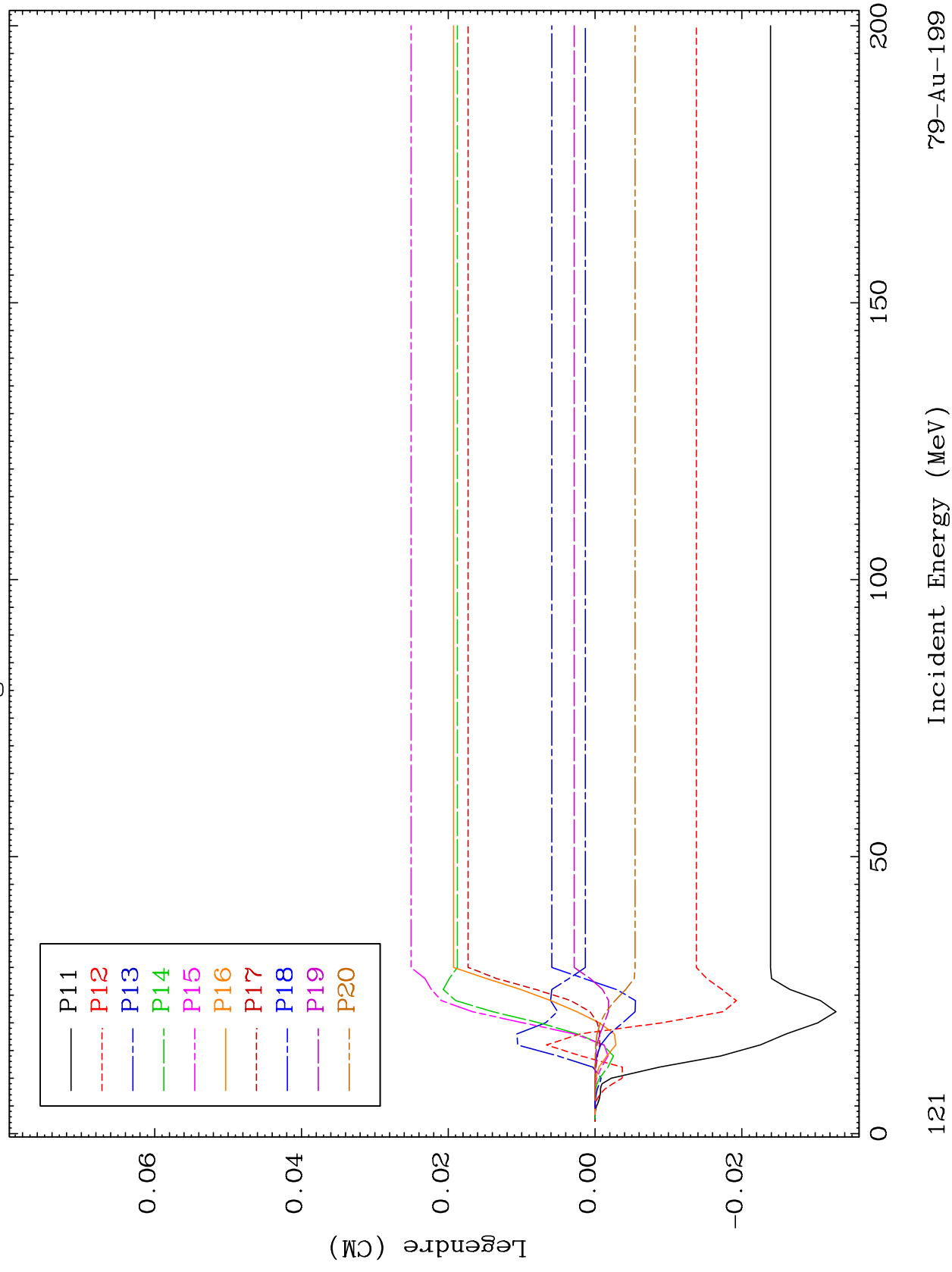
79-Au-199

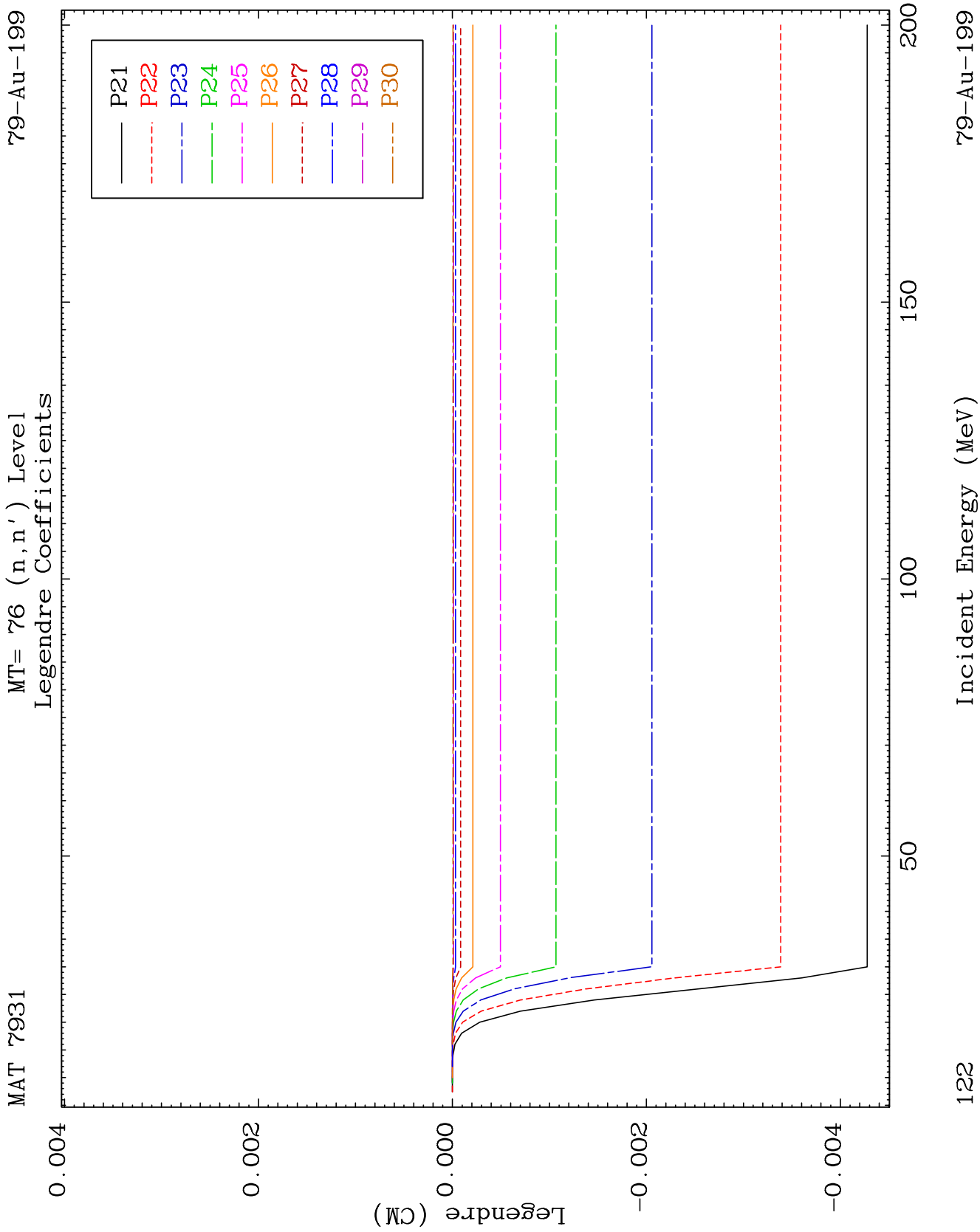


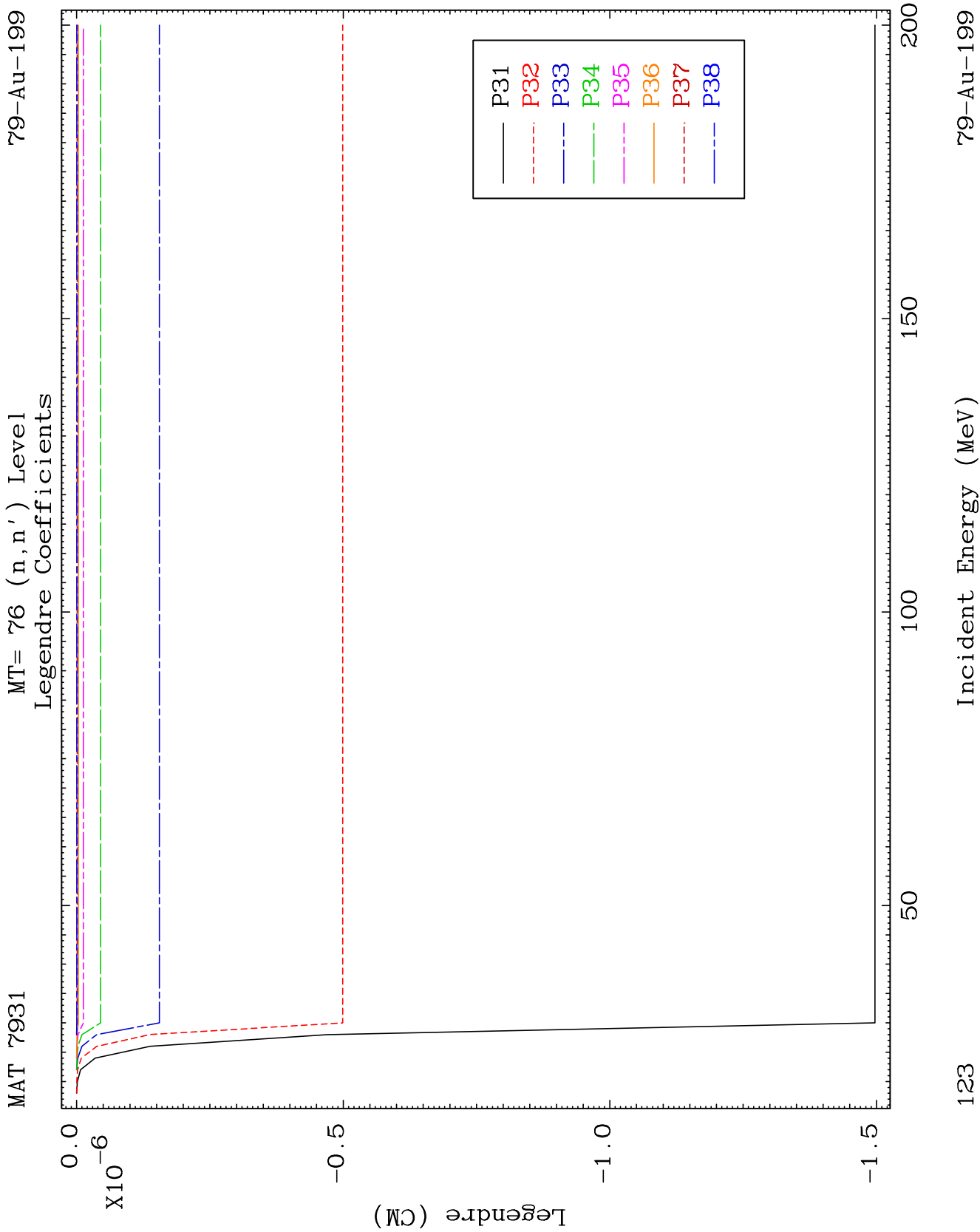
MAT 7931

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

79-Au-199



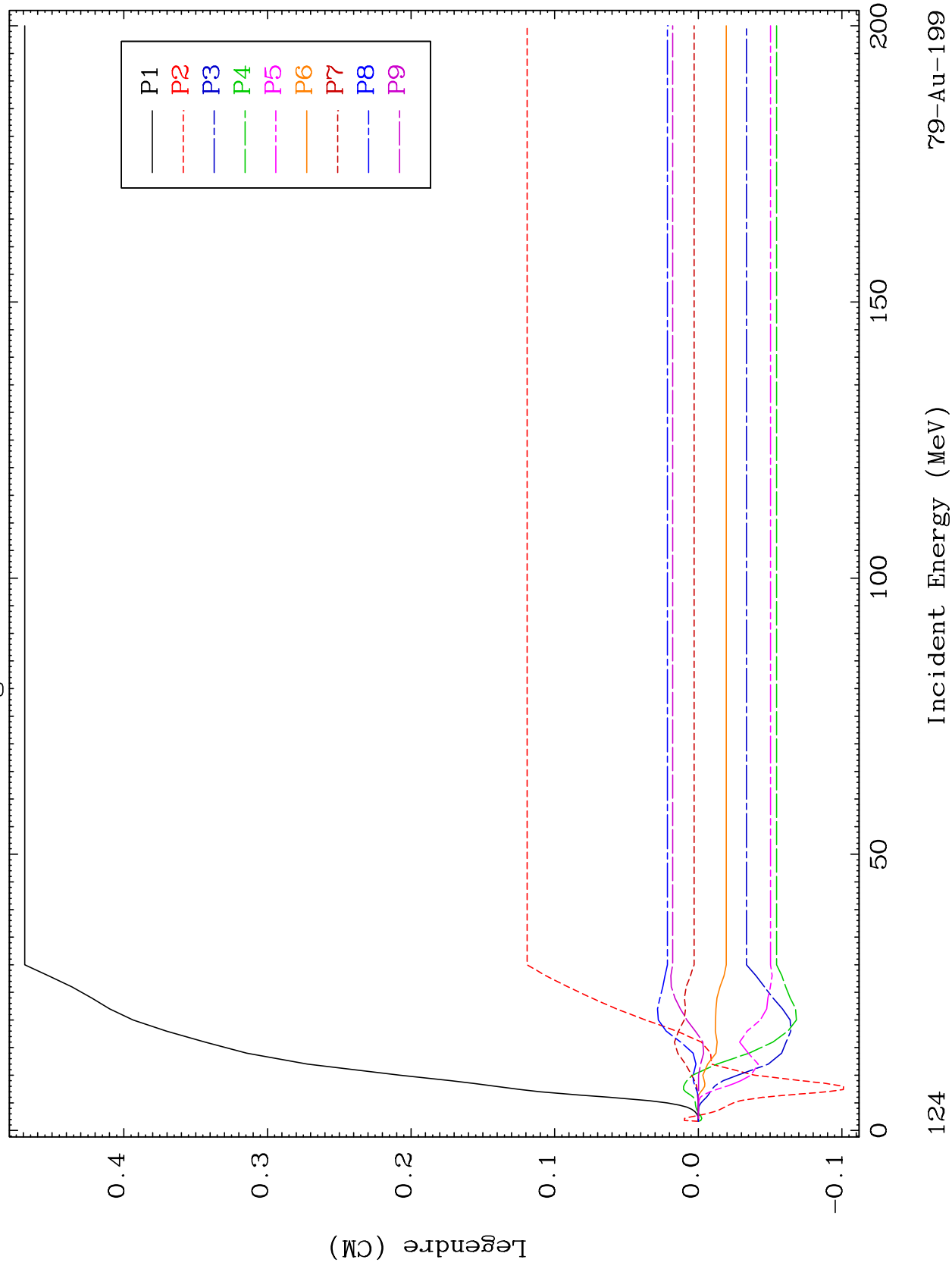


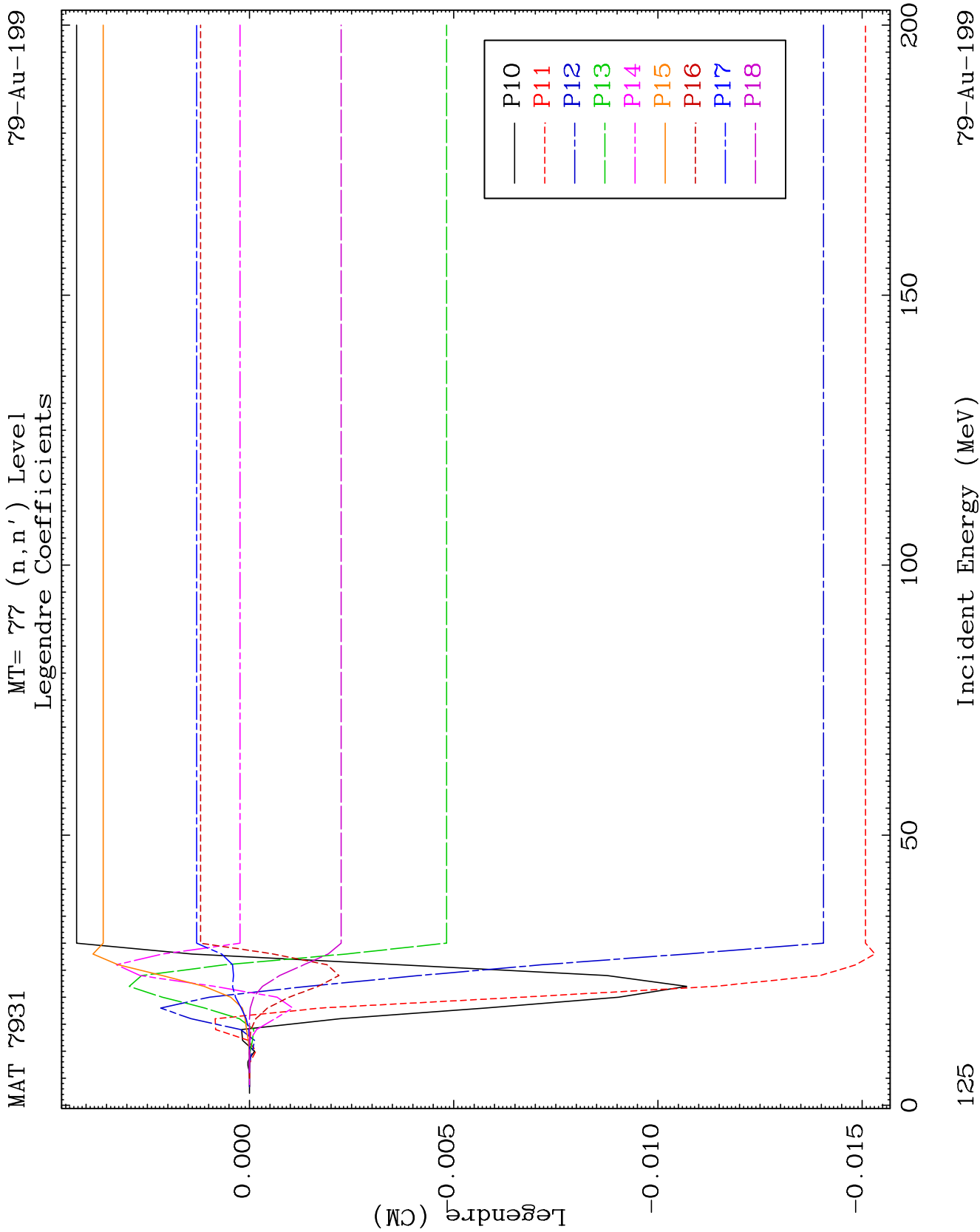


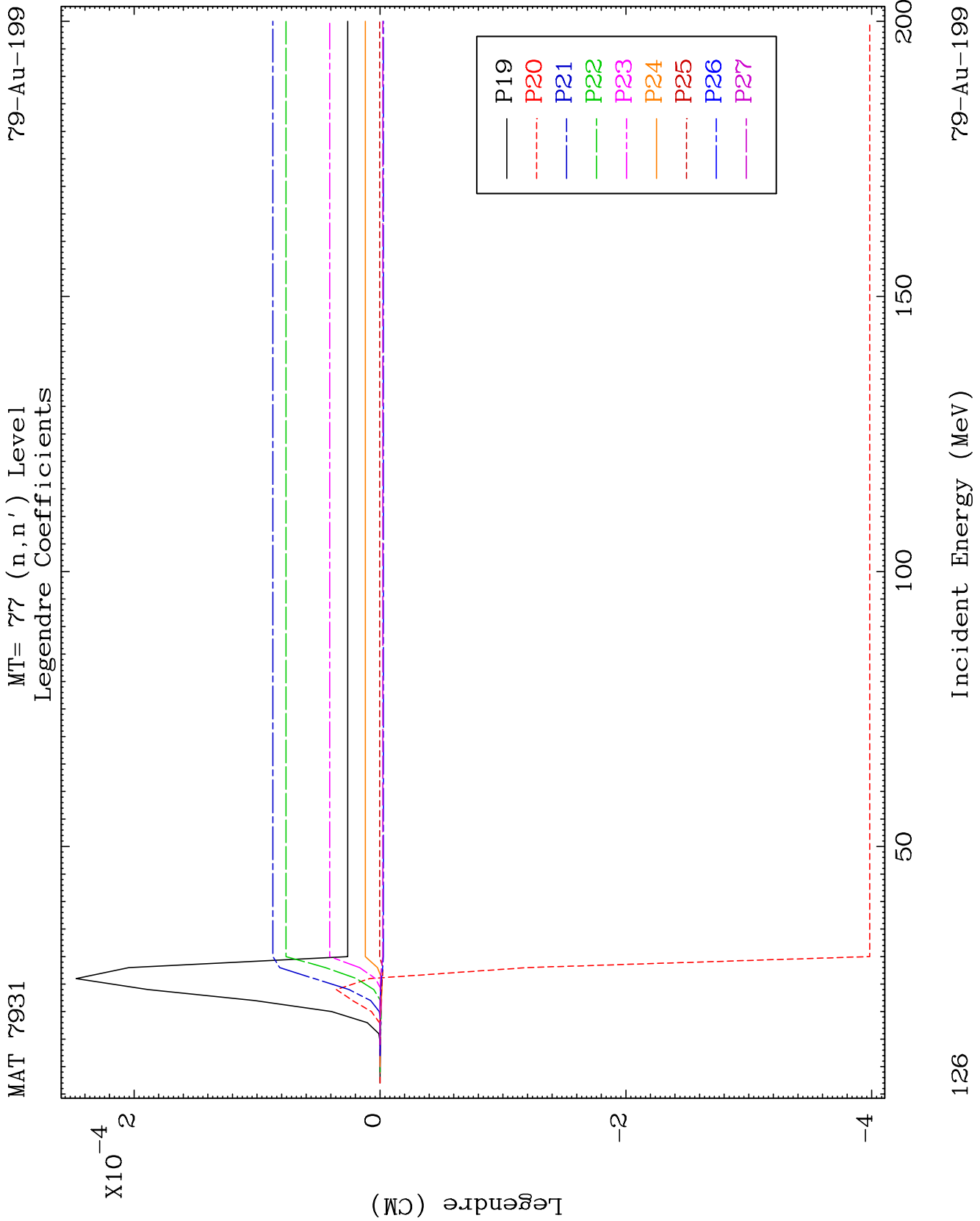
MAT 7931

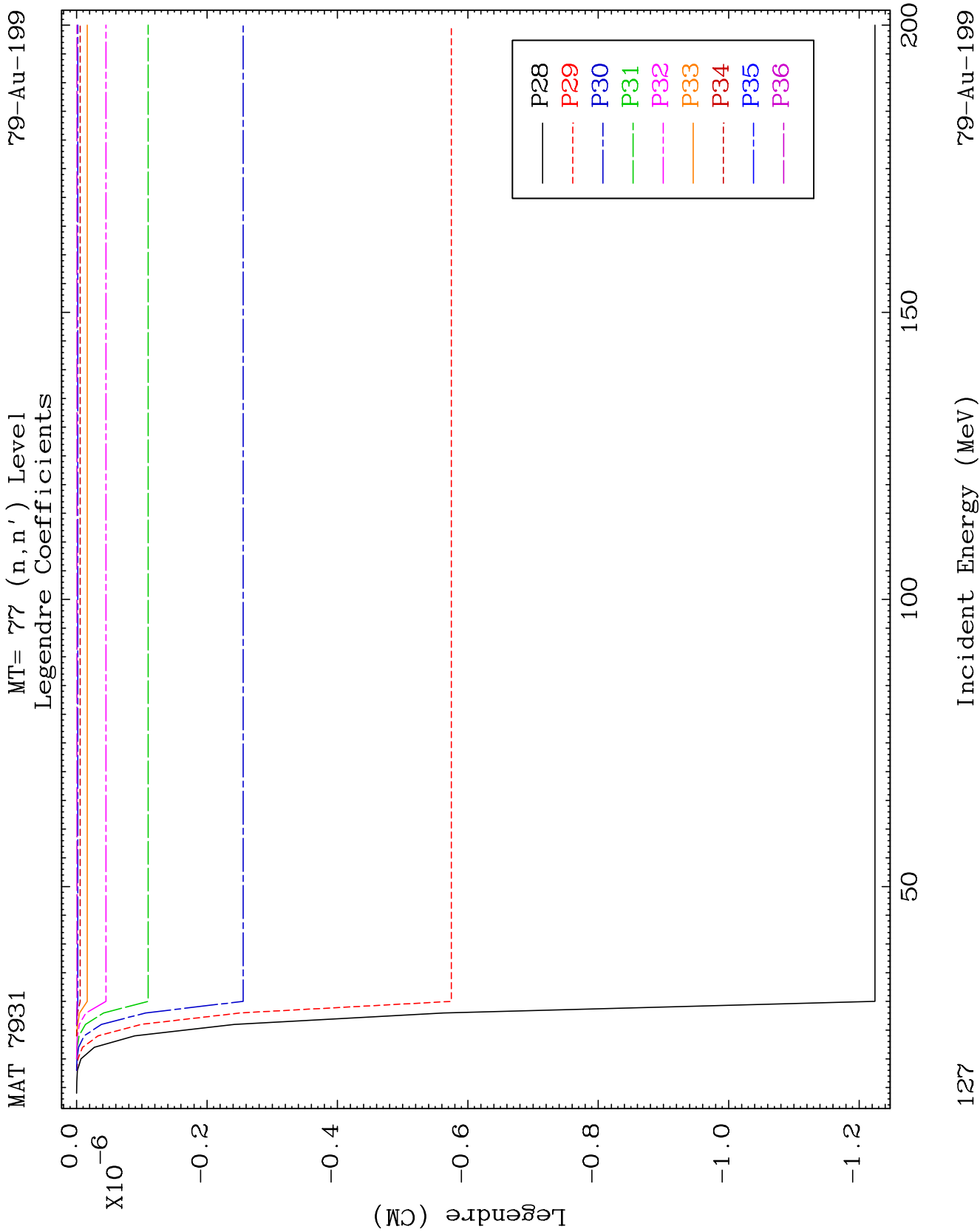
MT= 77 (n, n') Level
Legendre Coefficients

79-Au-199





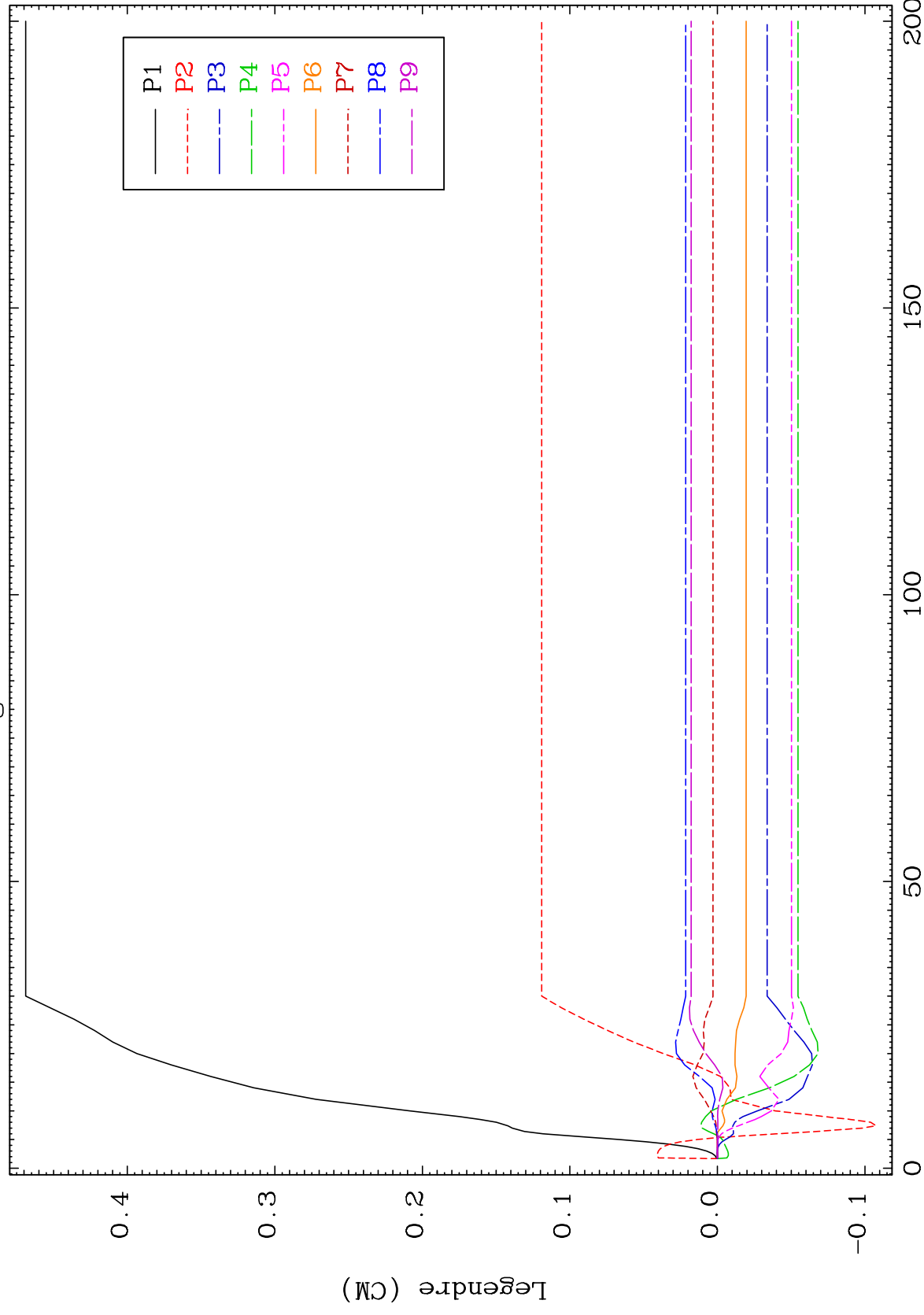




MAT 7931

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

79-Au-199



128

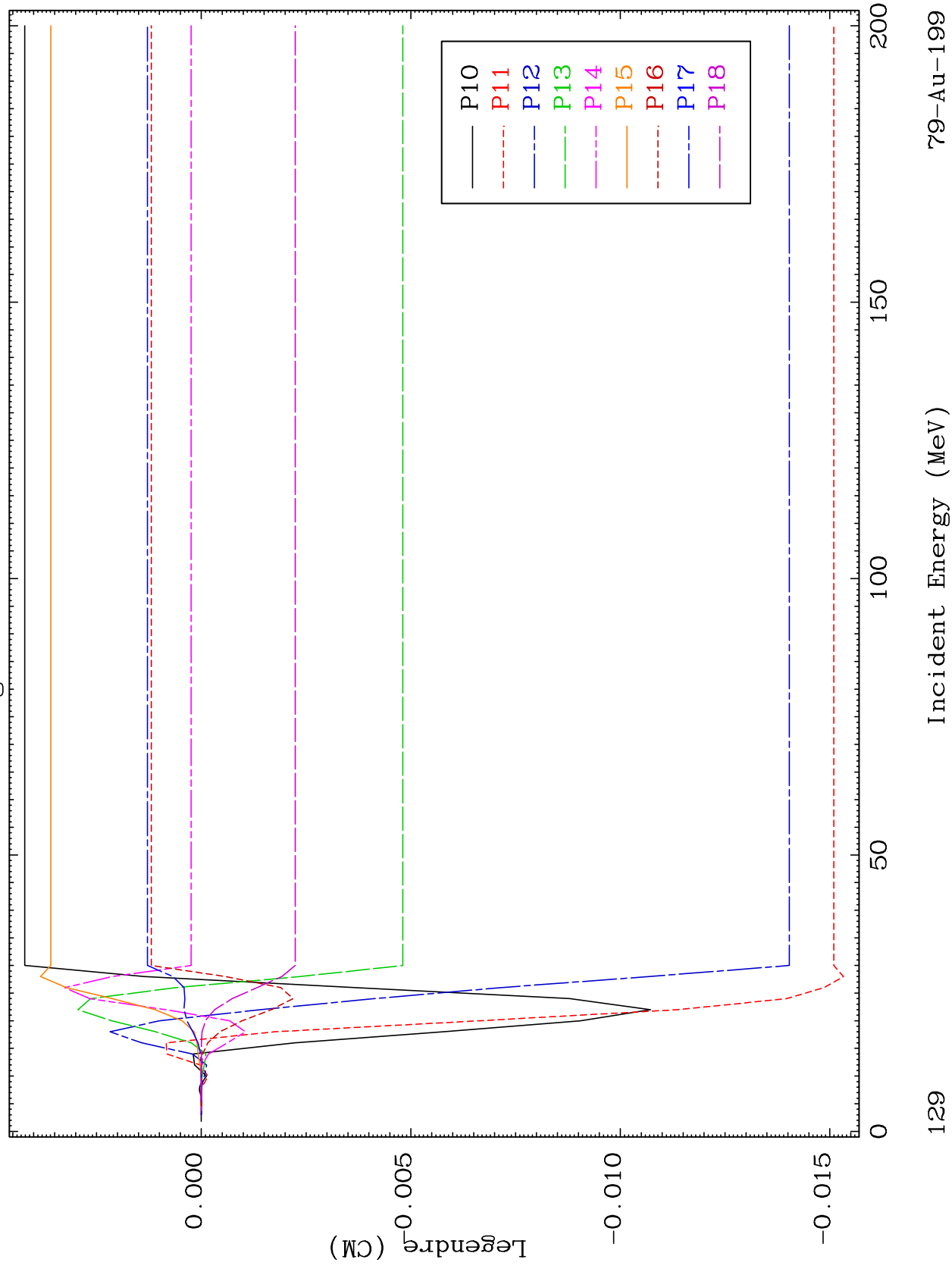
Incident Energy (MeV)

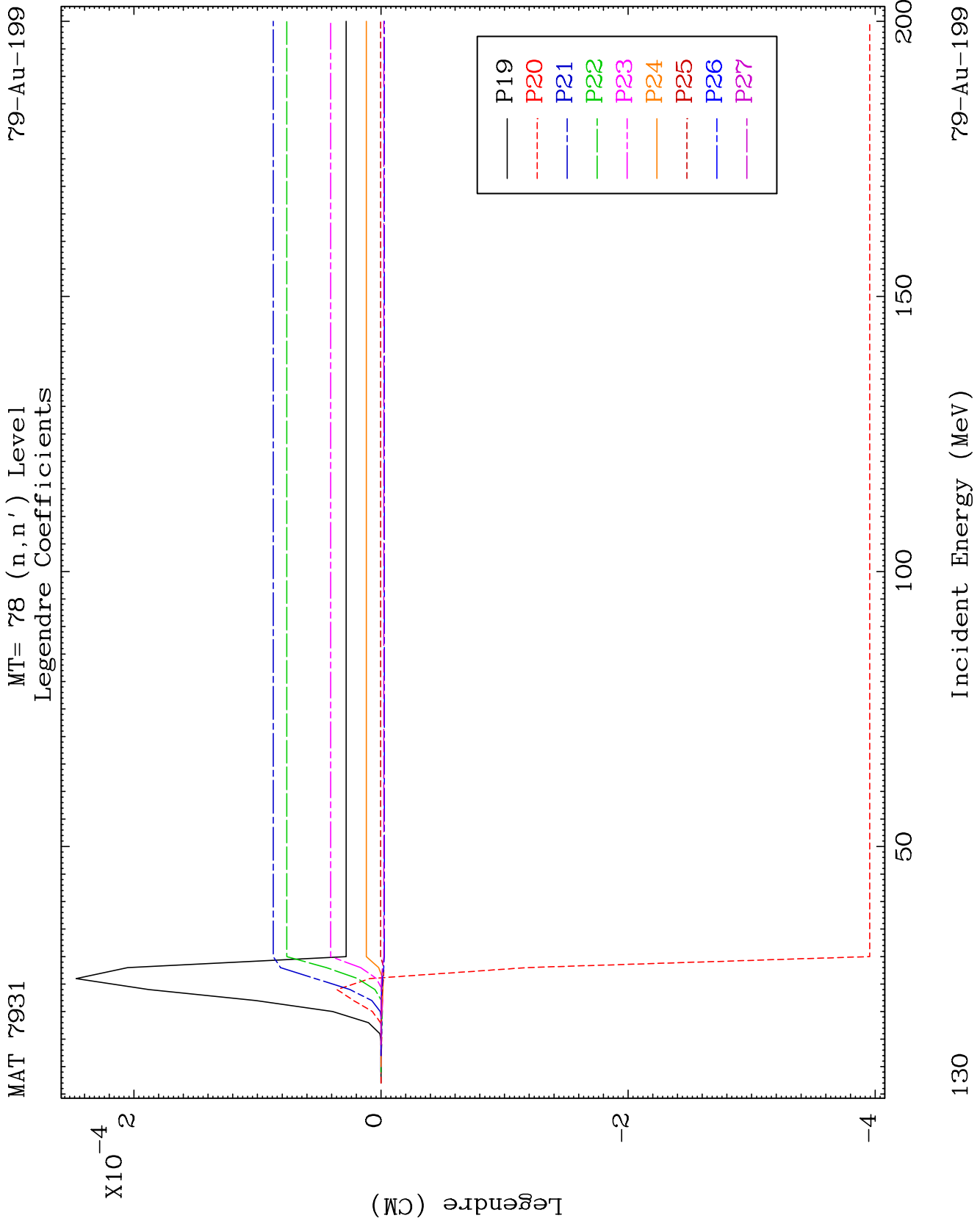
79-Au-199

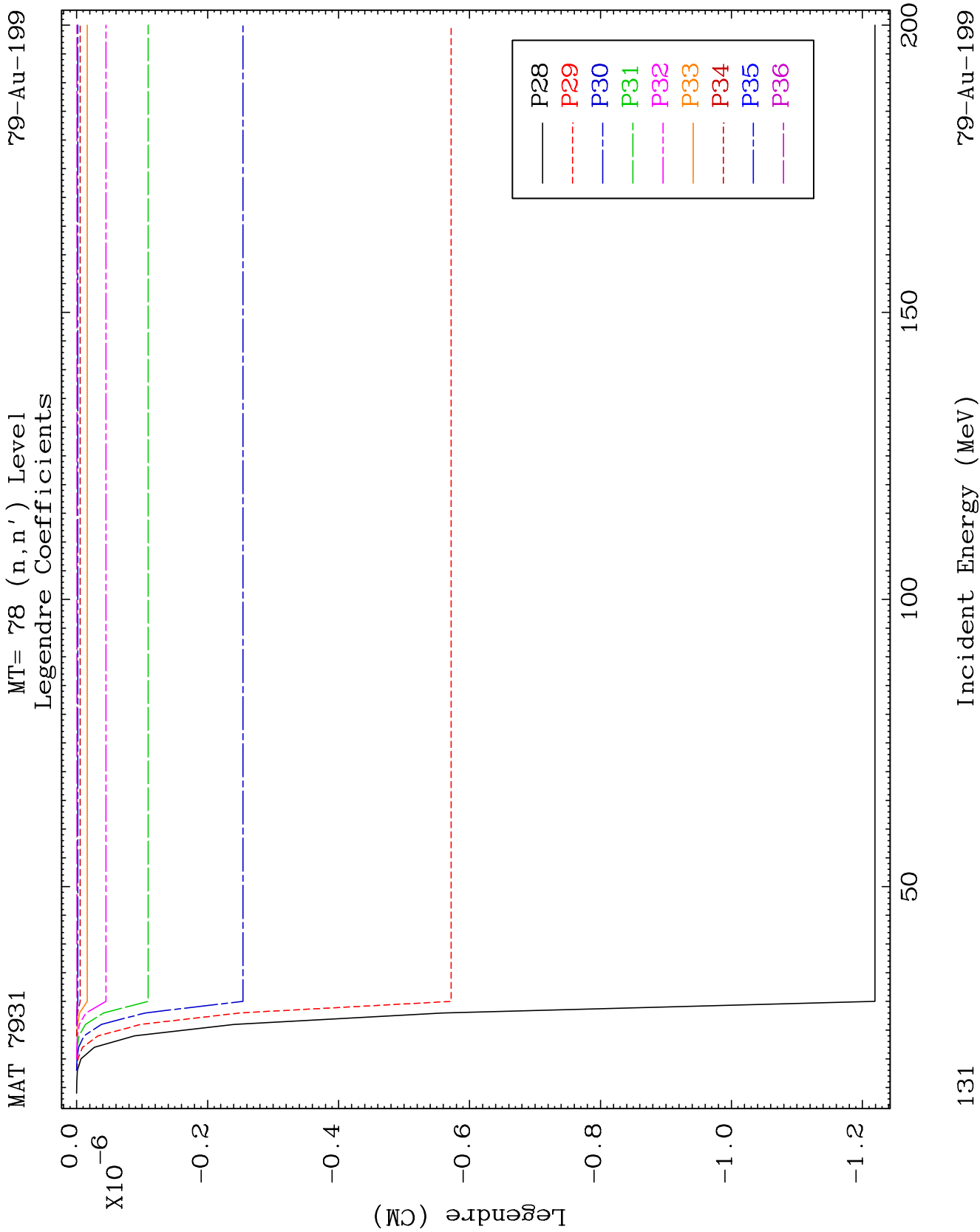
MAT 7931

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

79-Au-199



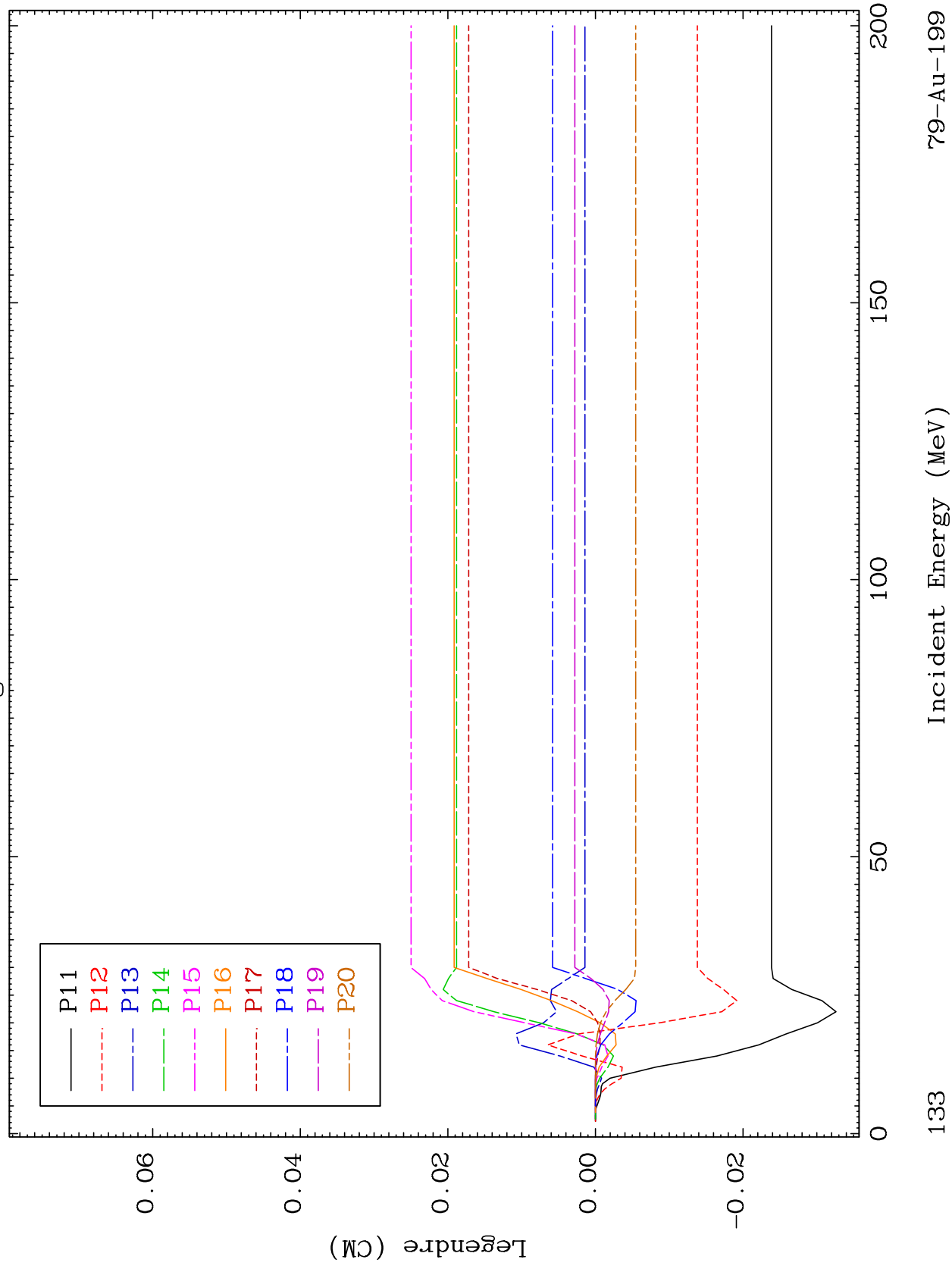


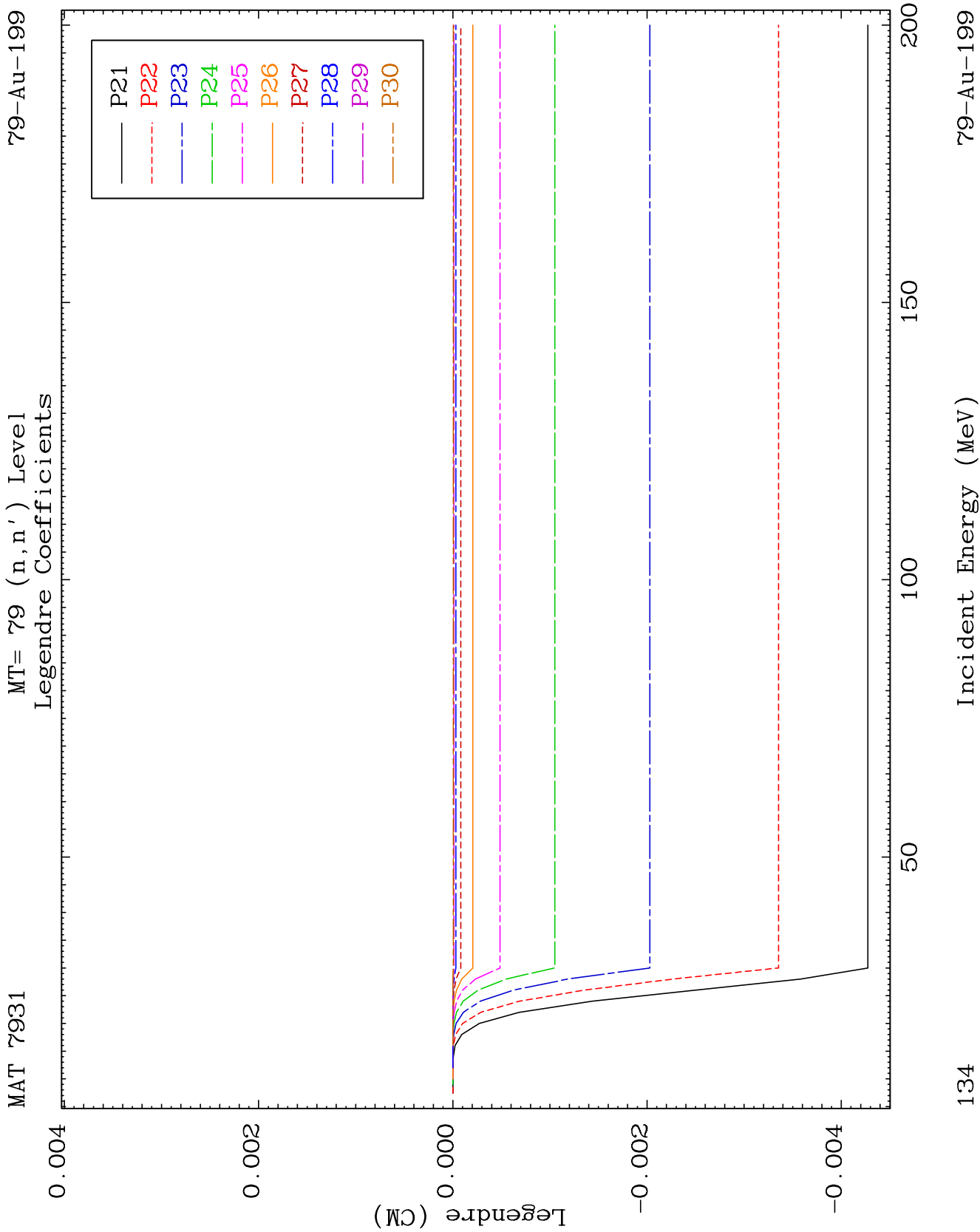


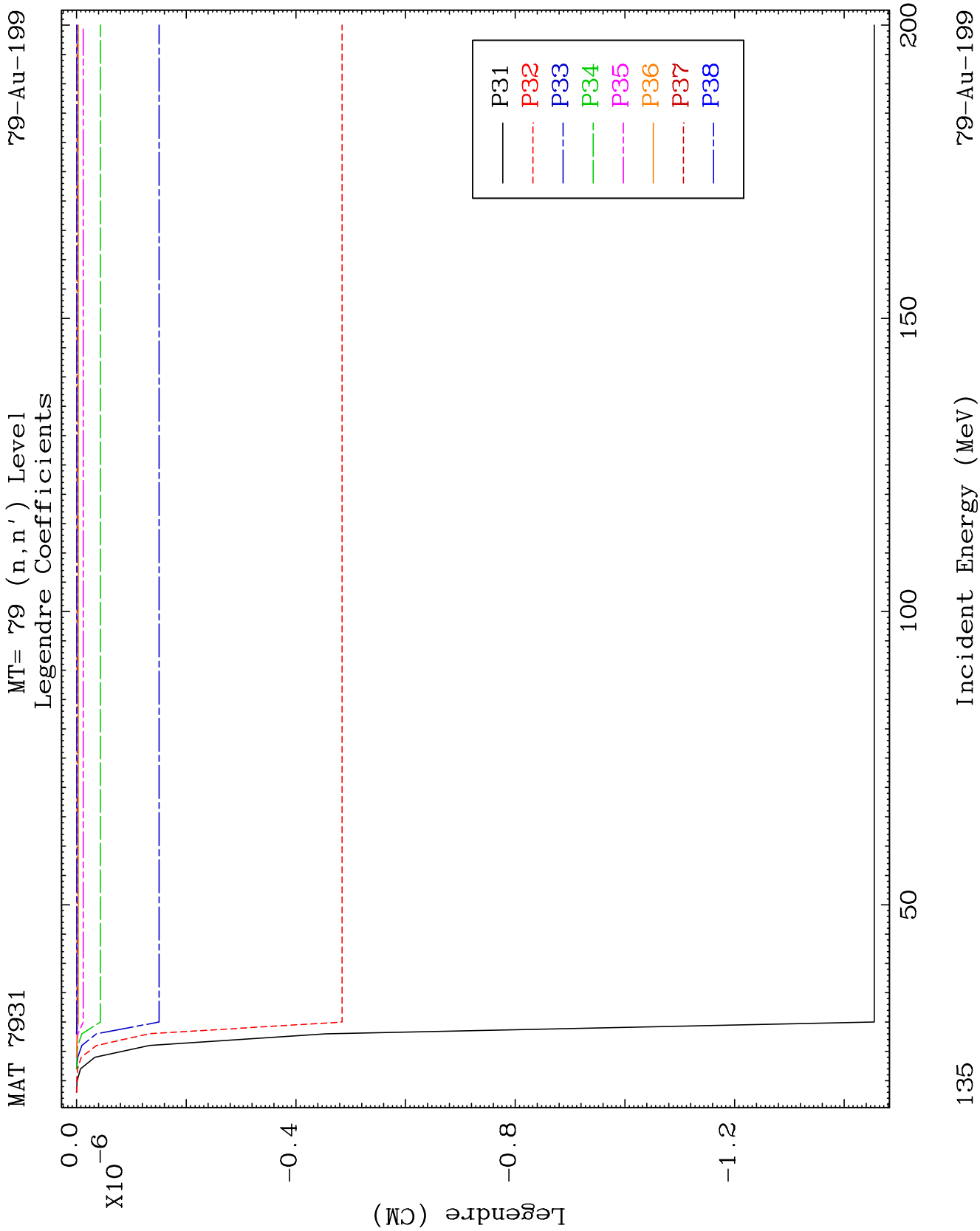
MAT 7931

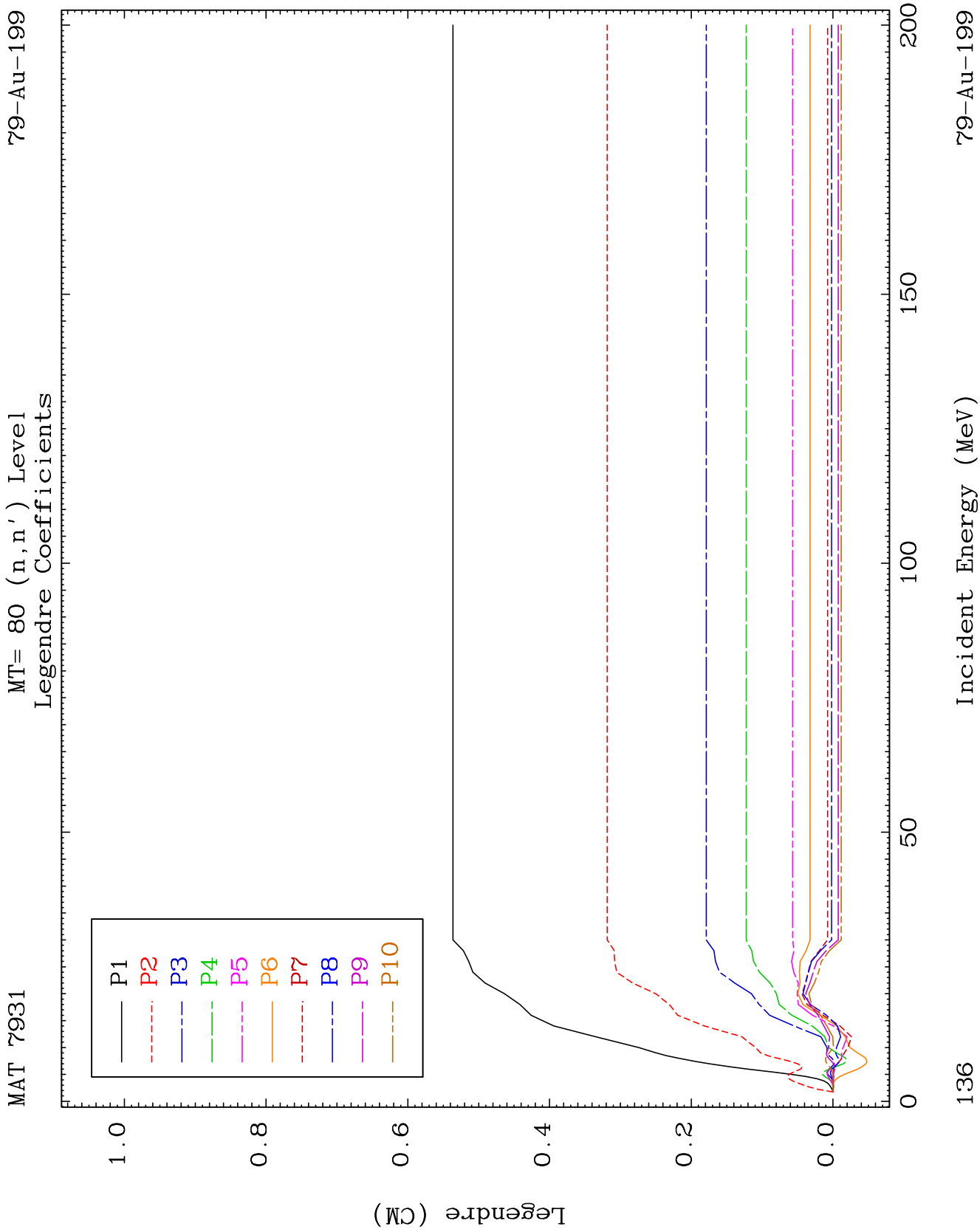
MT= 79 (n, n') Level
Legendre Coefficients

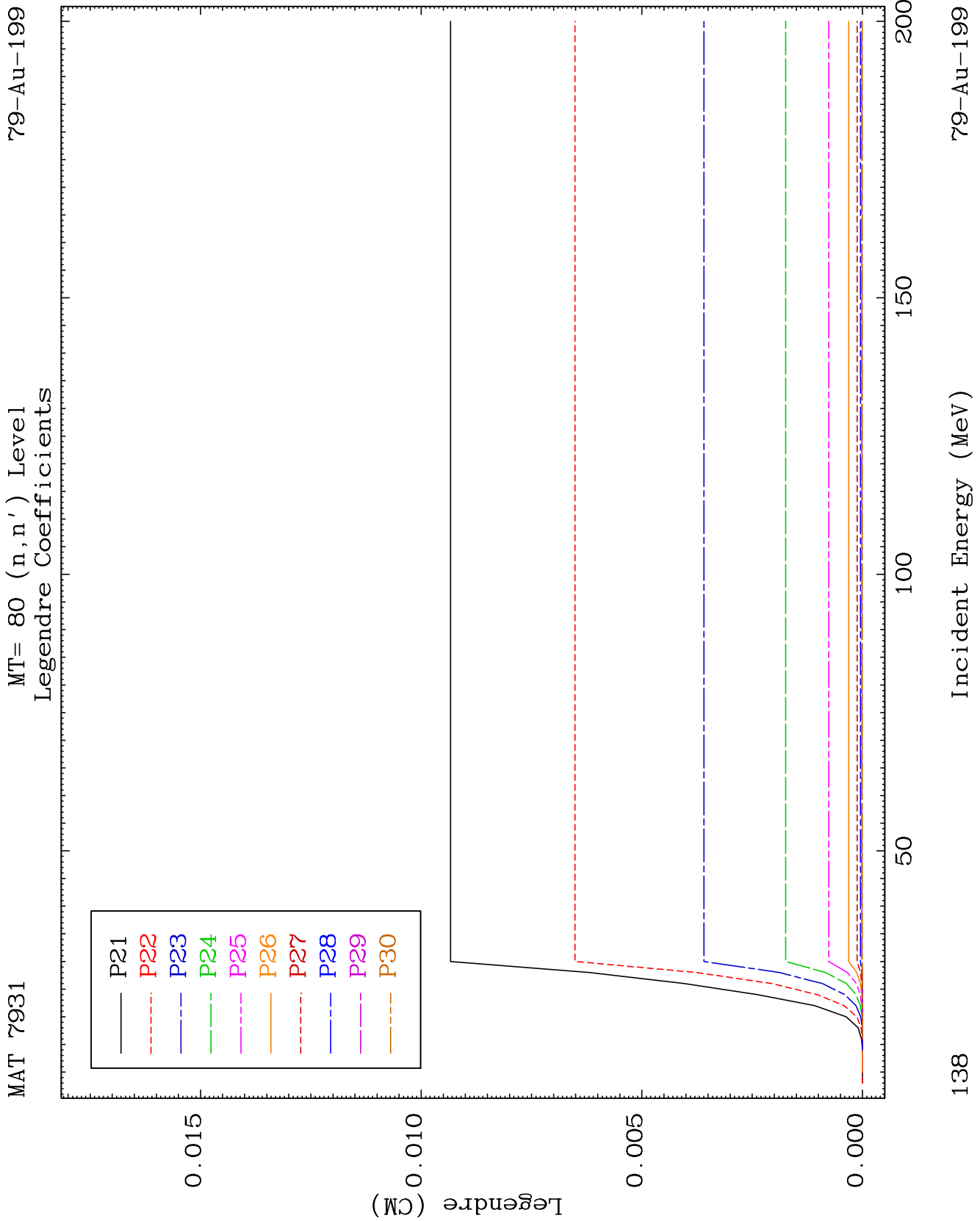
79-Au-199

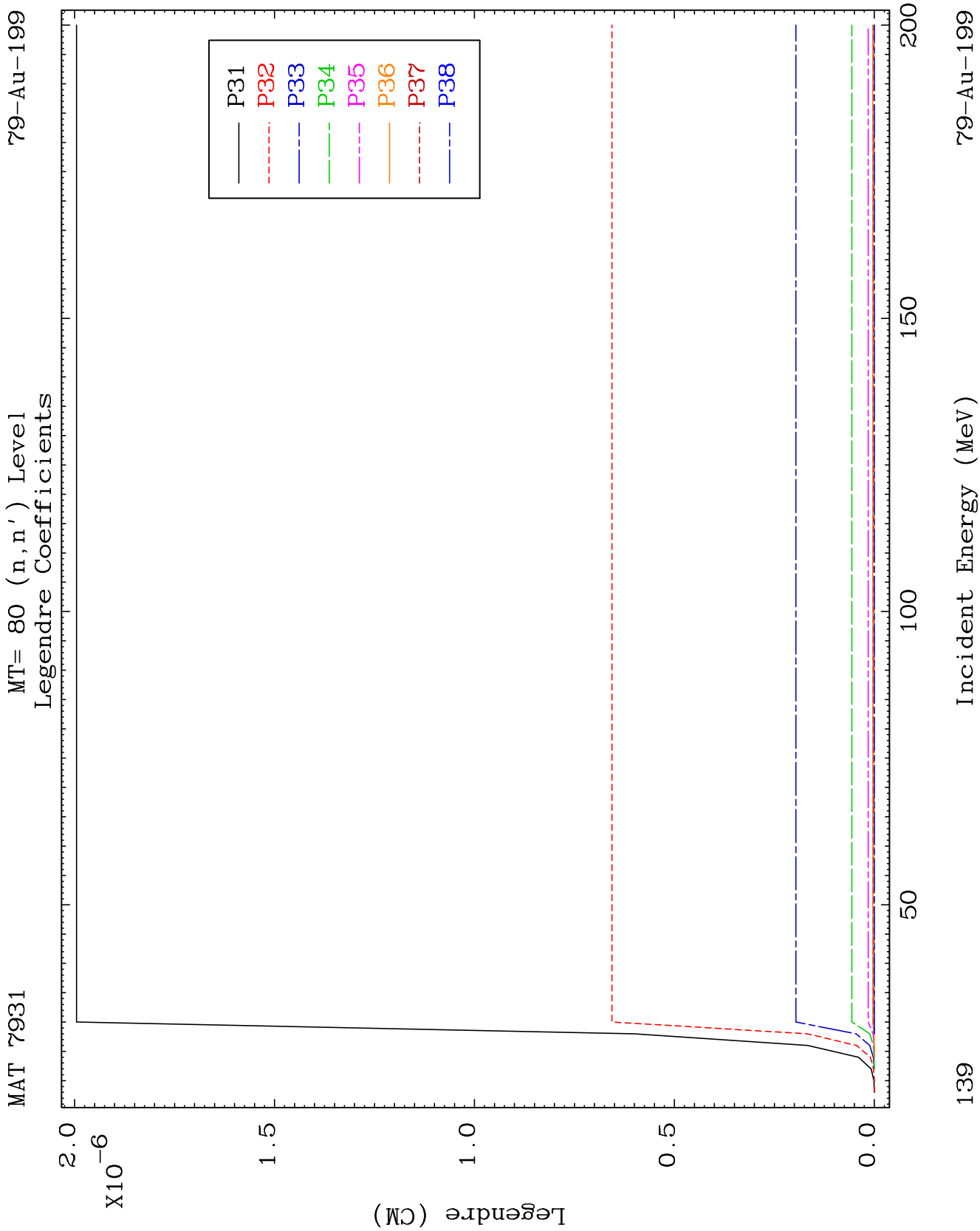








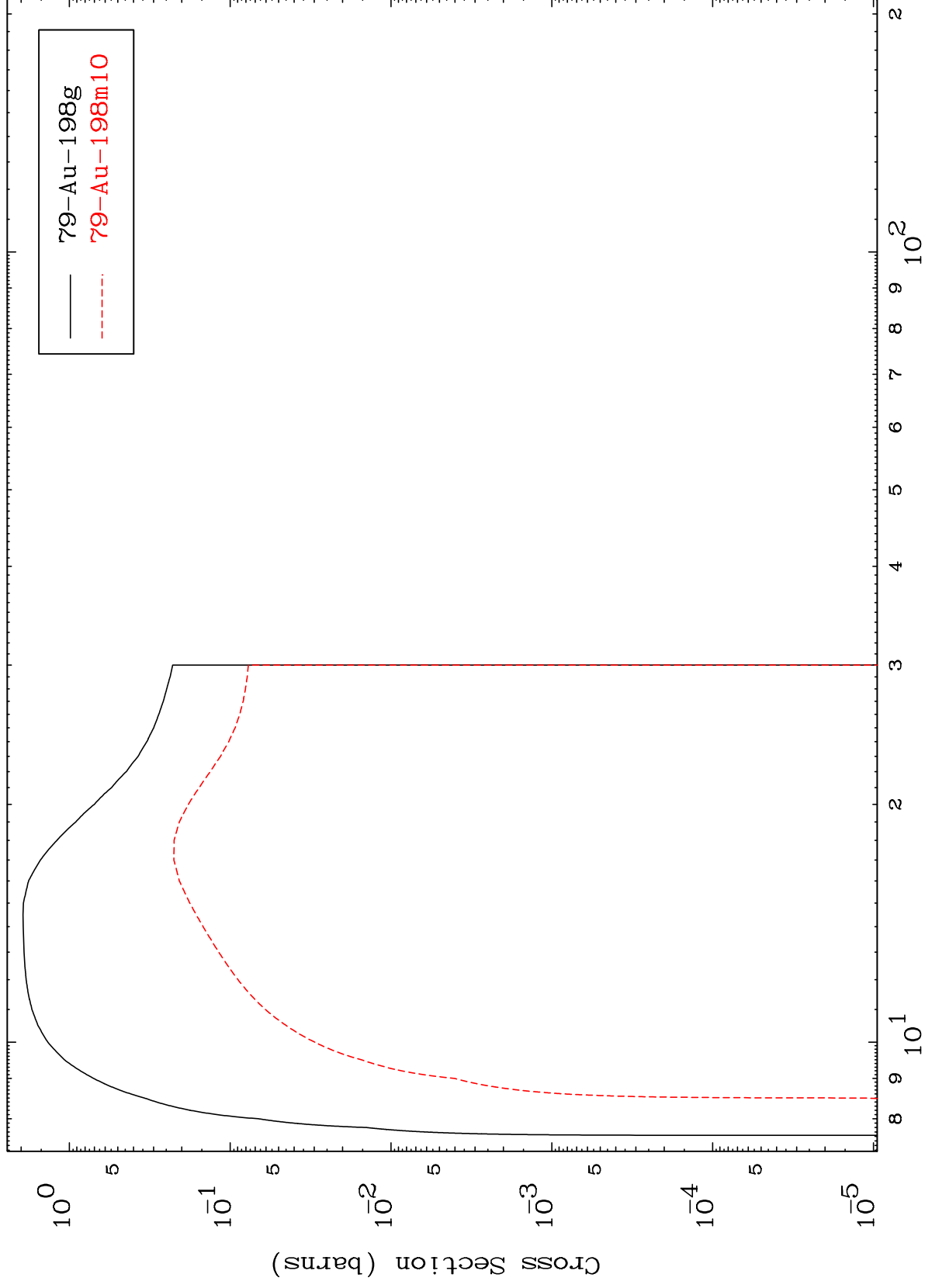




MAT 7931

79-Au-199

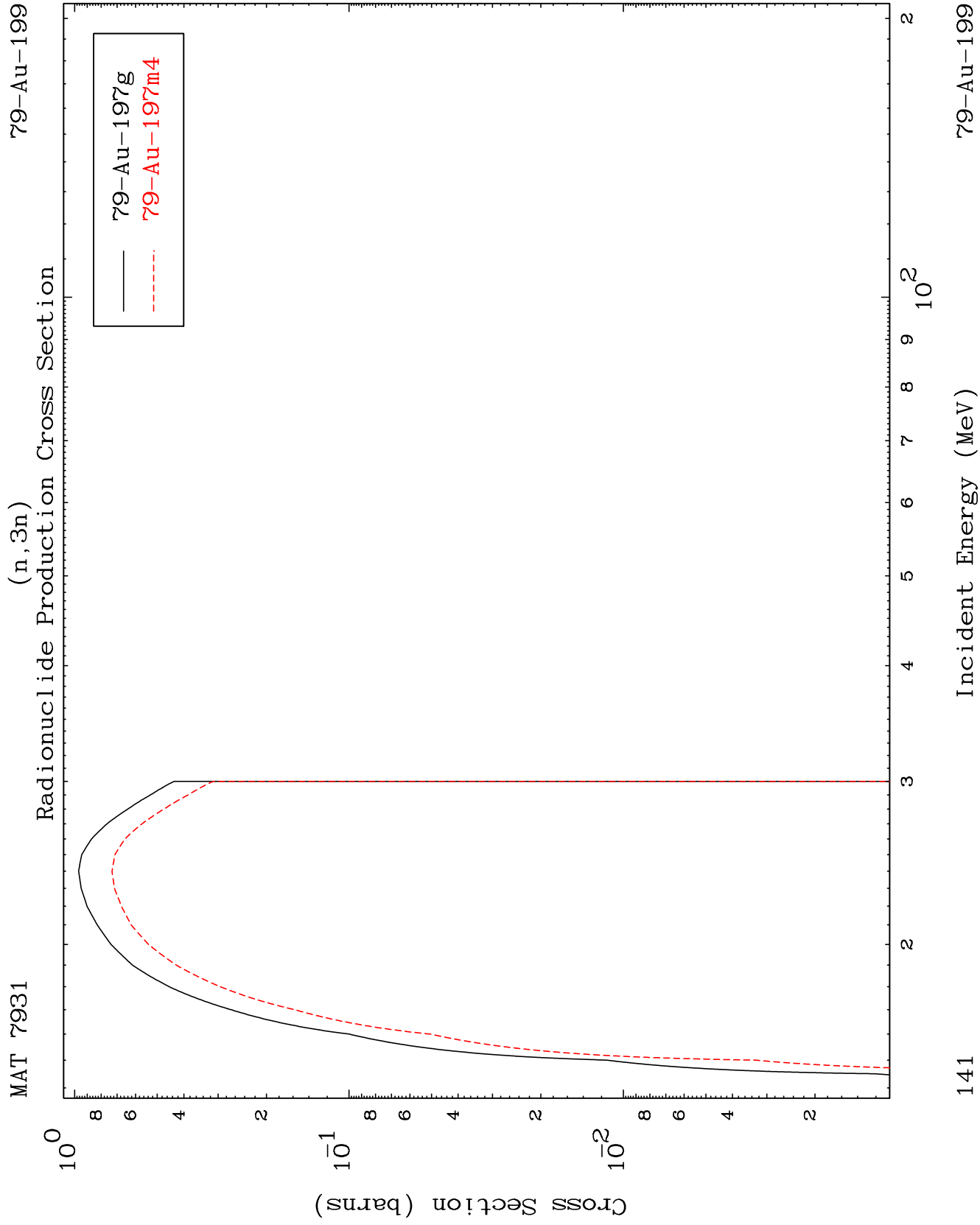
(n,2n)
Radionuclide Production Cross Section



79-Au-199

Incident Energy (MeV)

140

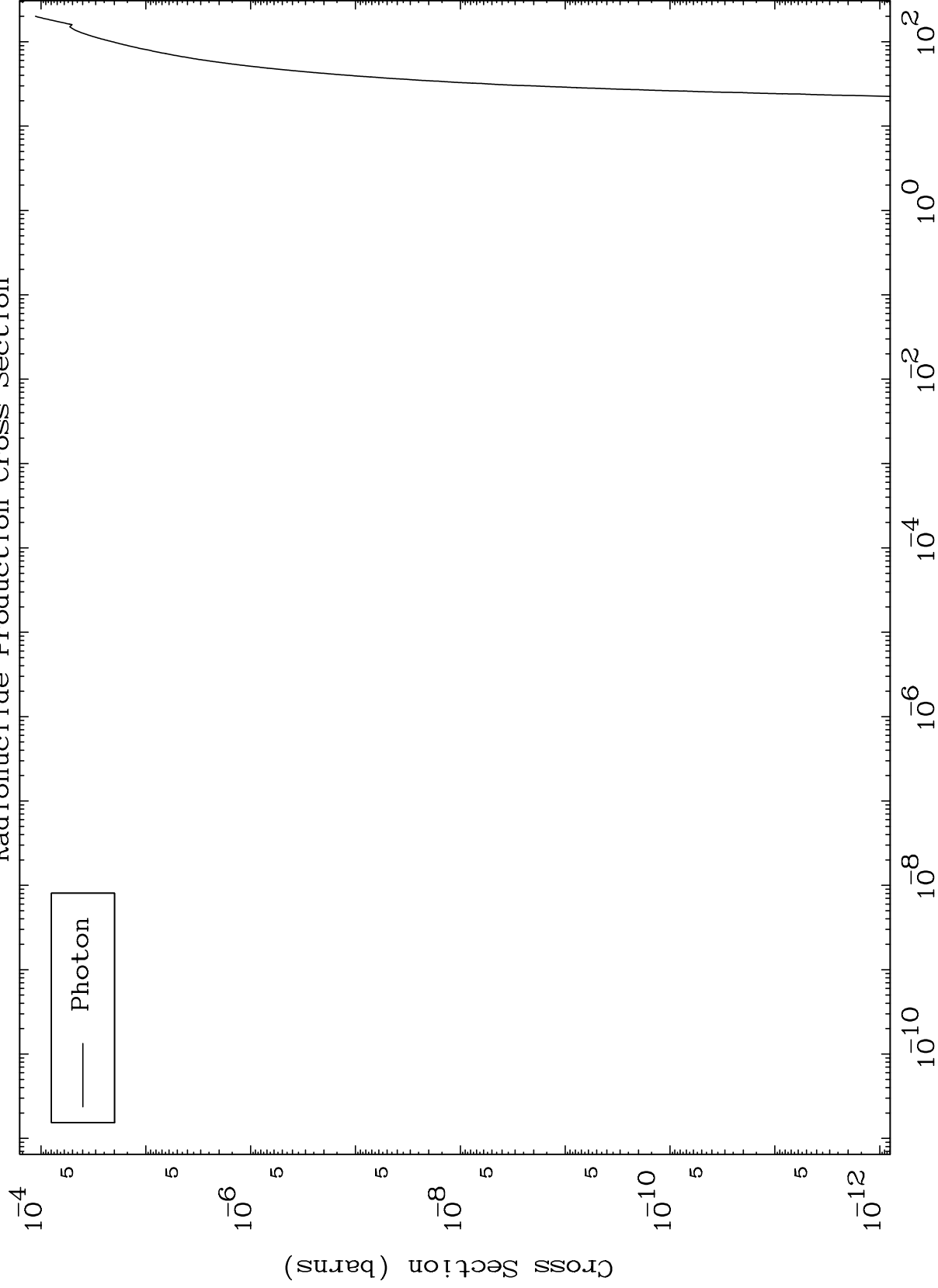


MAT 7931

Fission

⁷⁹Au-199

Radionuclide Production Cross Section



142

Incident Energy (MeV)

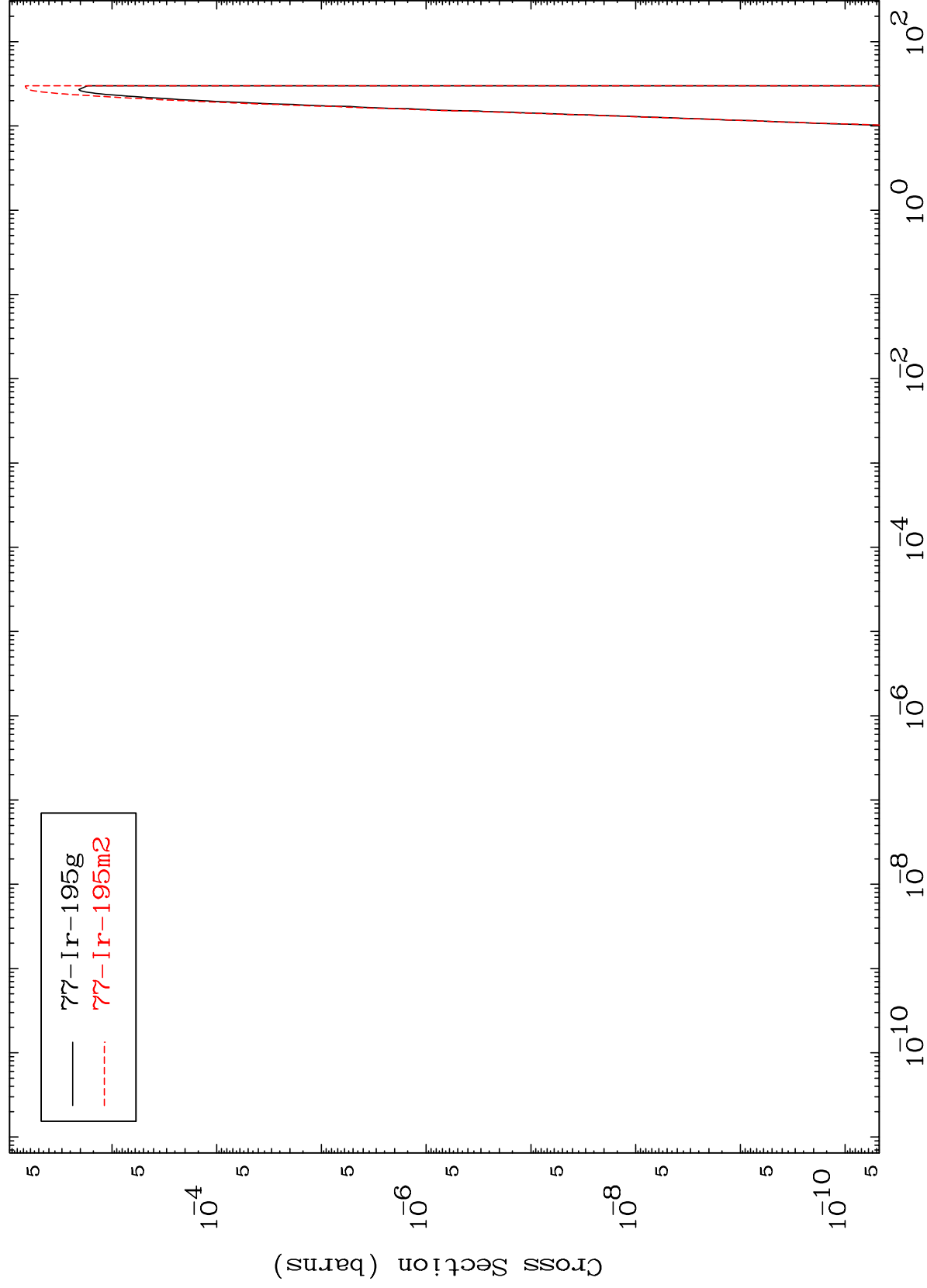
⁷⁹Au-199

MAT 7931

$(n,n') \alpha$

79-Au-199

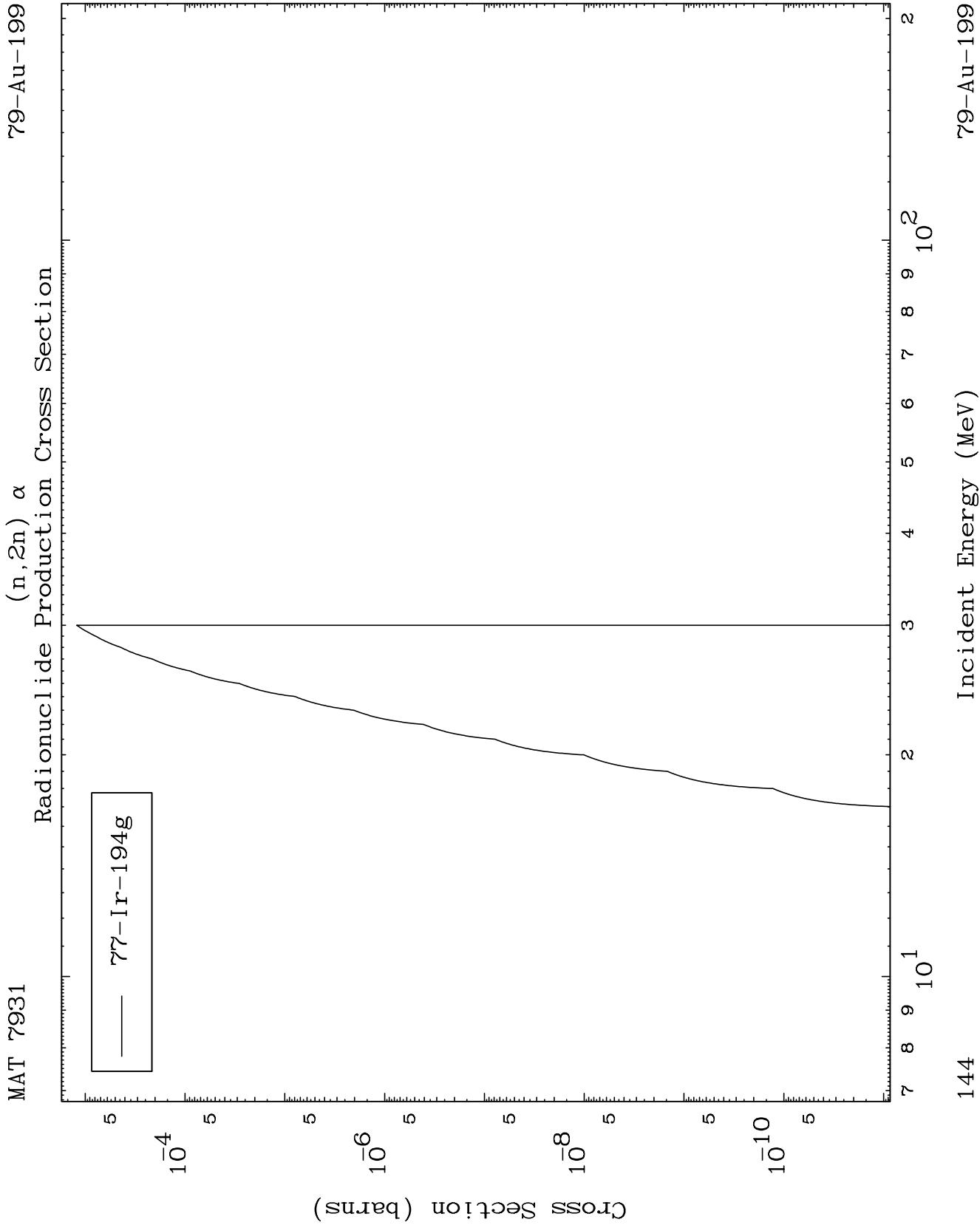
Radionuclide Production Cross Section



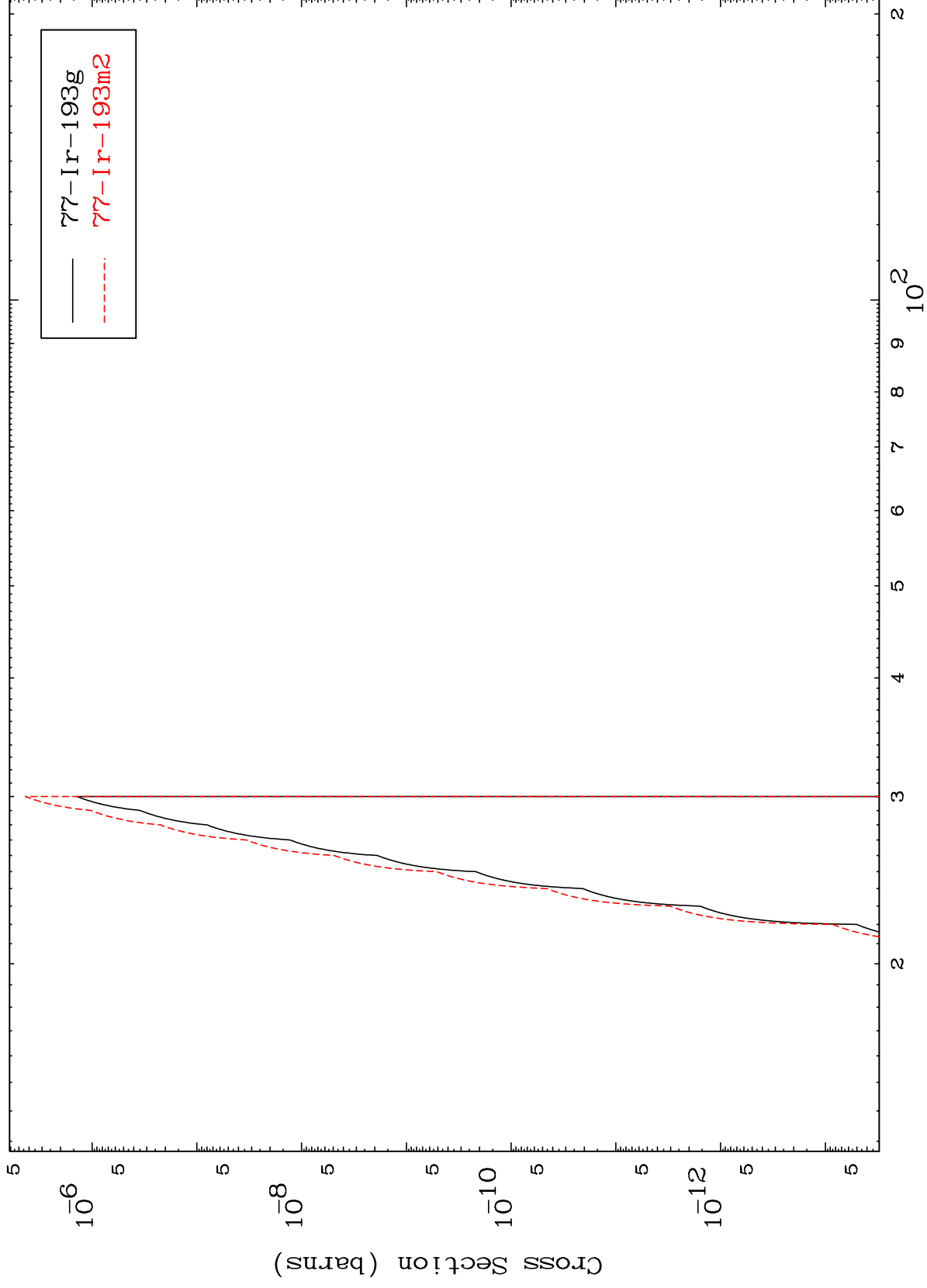
143

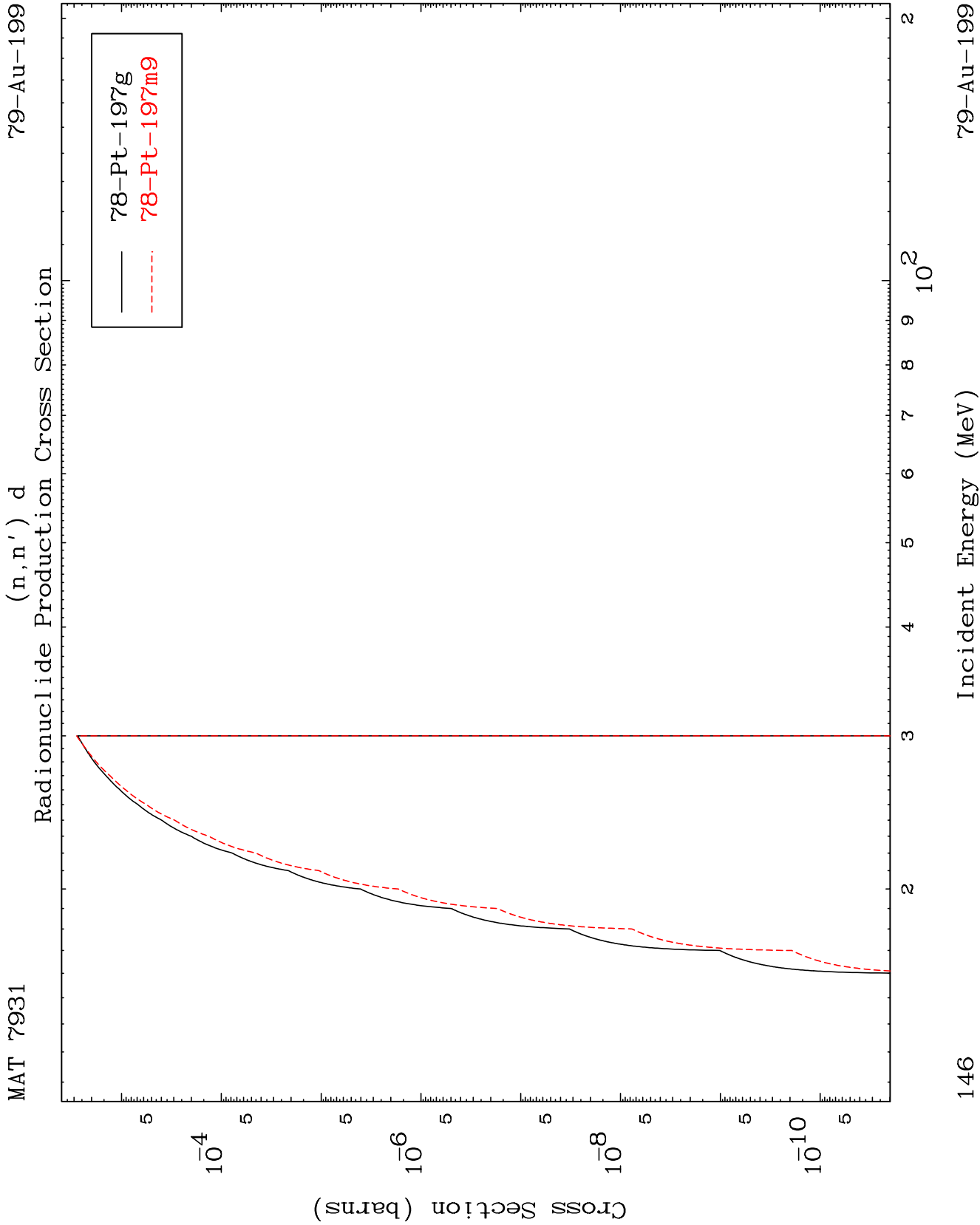
Incident Energy (MeV)

79-Au-199



Radionuclide Production Cross Section



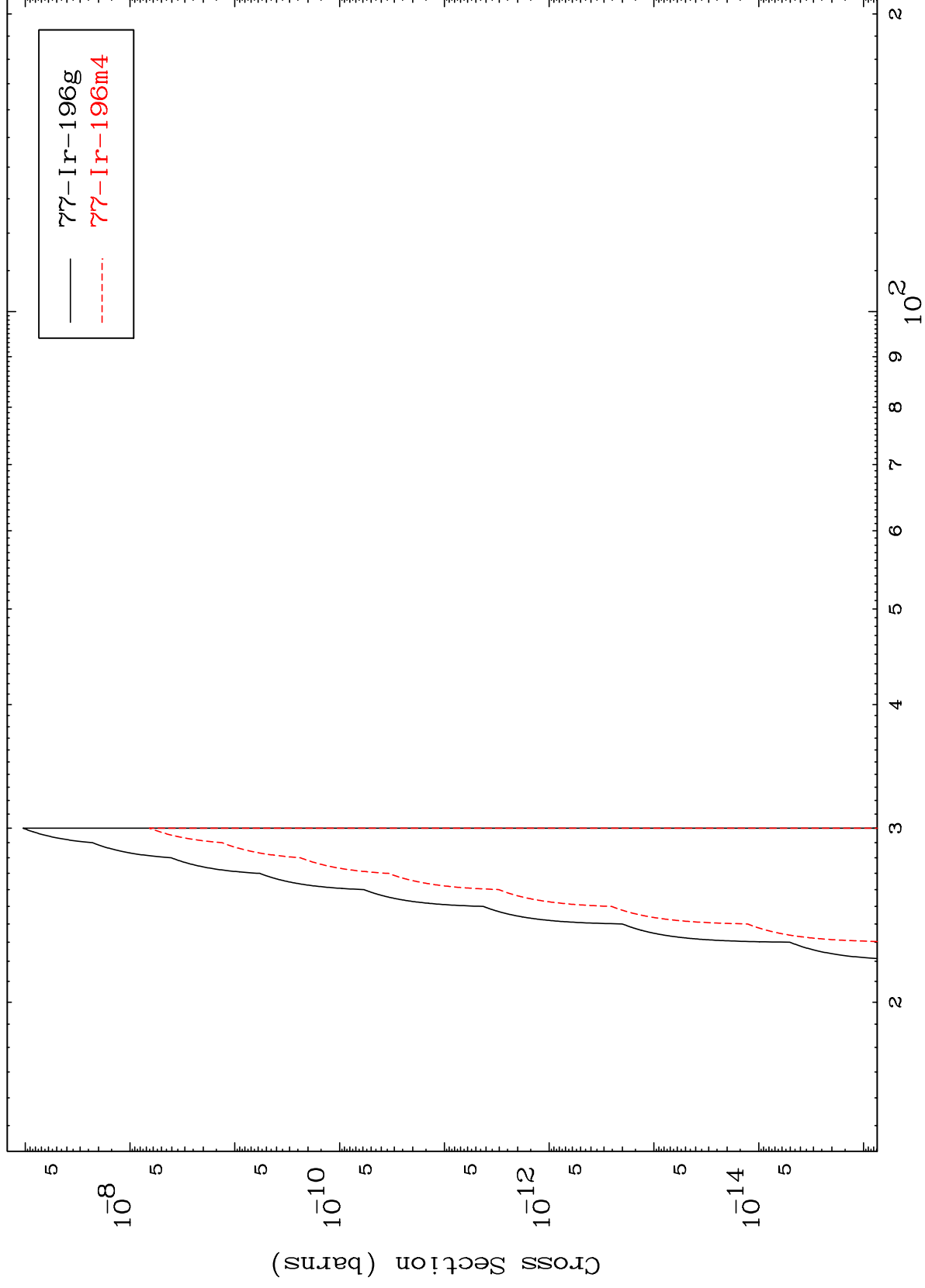


MAT 7931

(n,n') He-3

79-Au-199

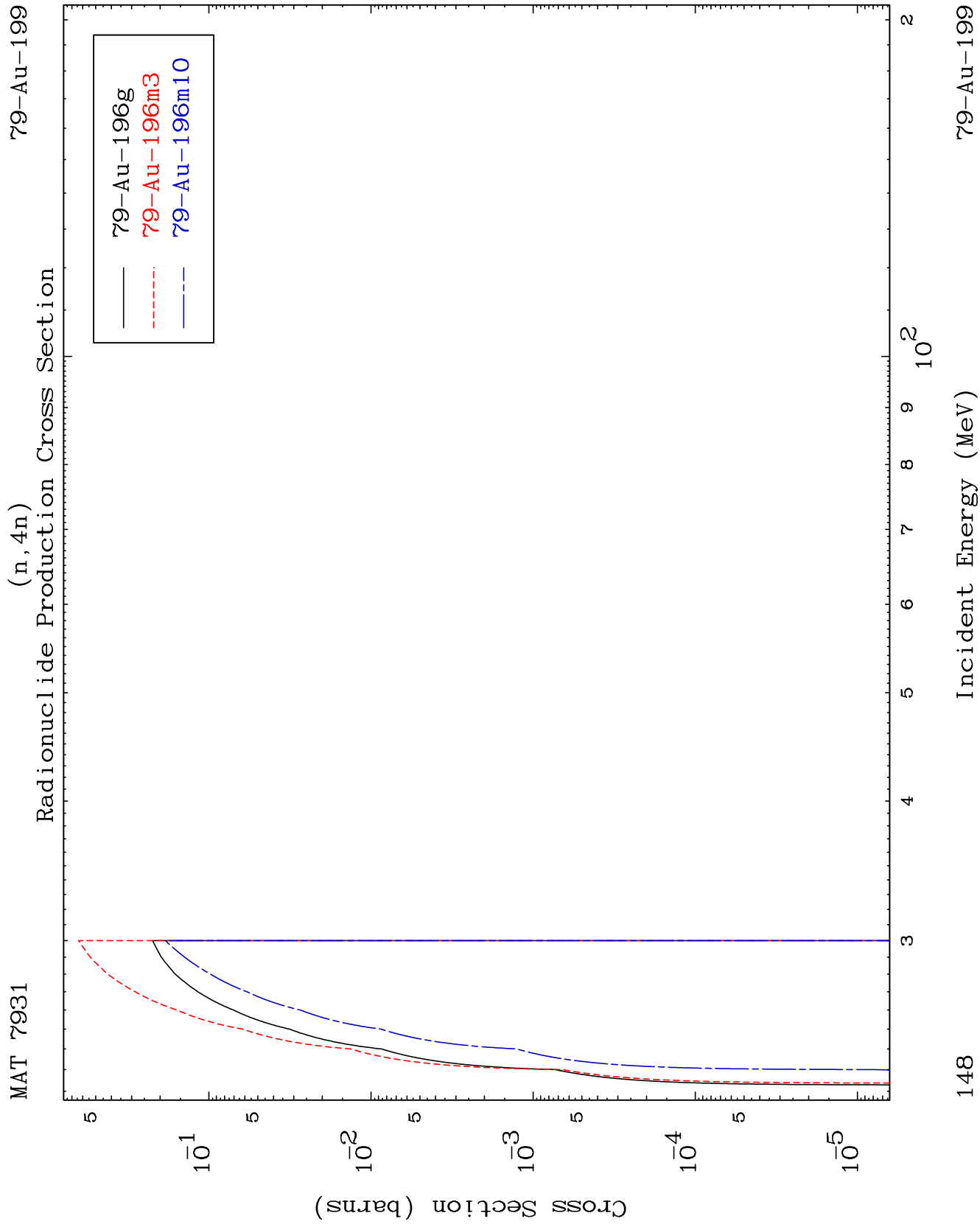
Radionuclide Production Cross Section

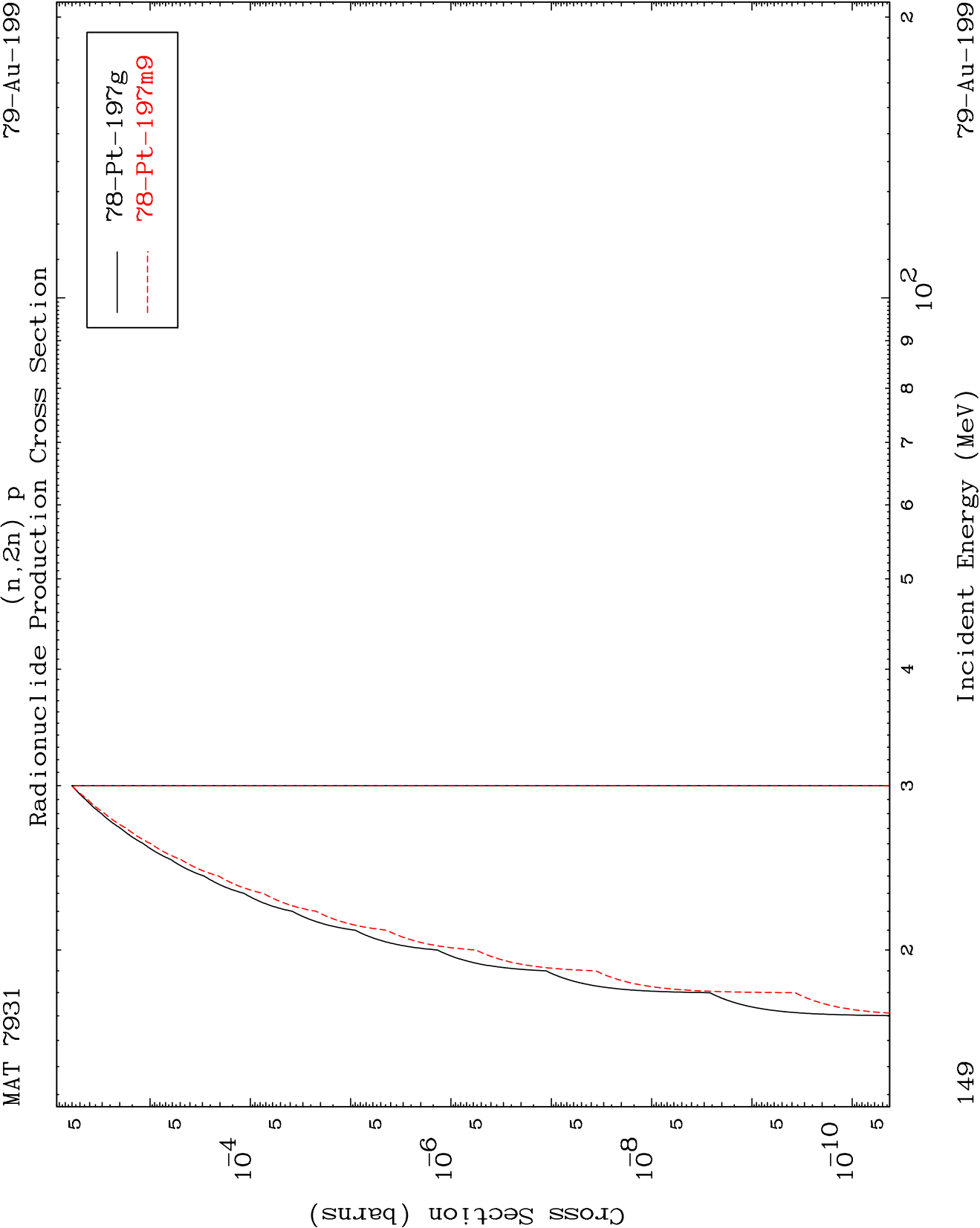


147

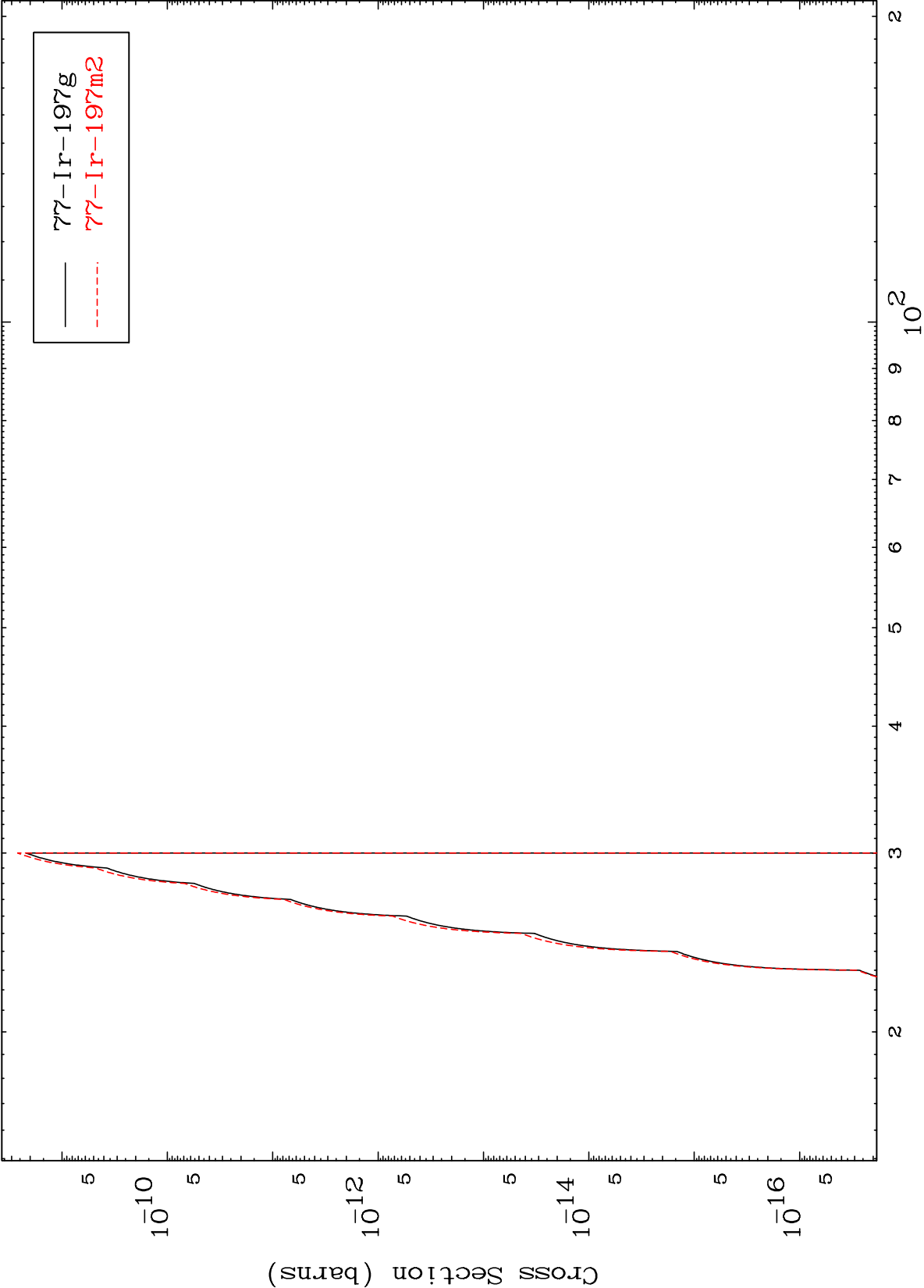
Incident Energy (MeV)

79-Au-199

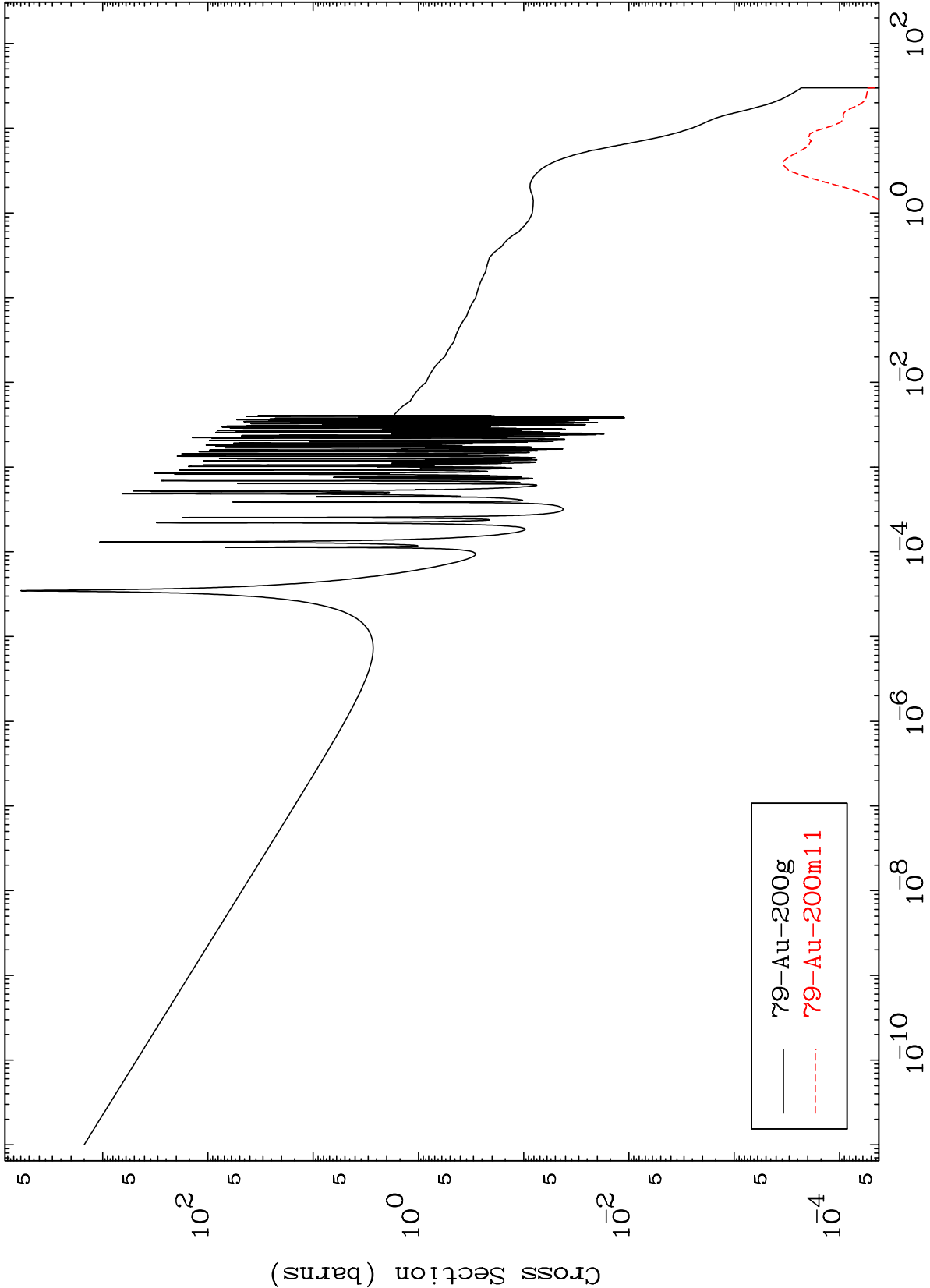


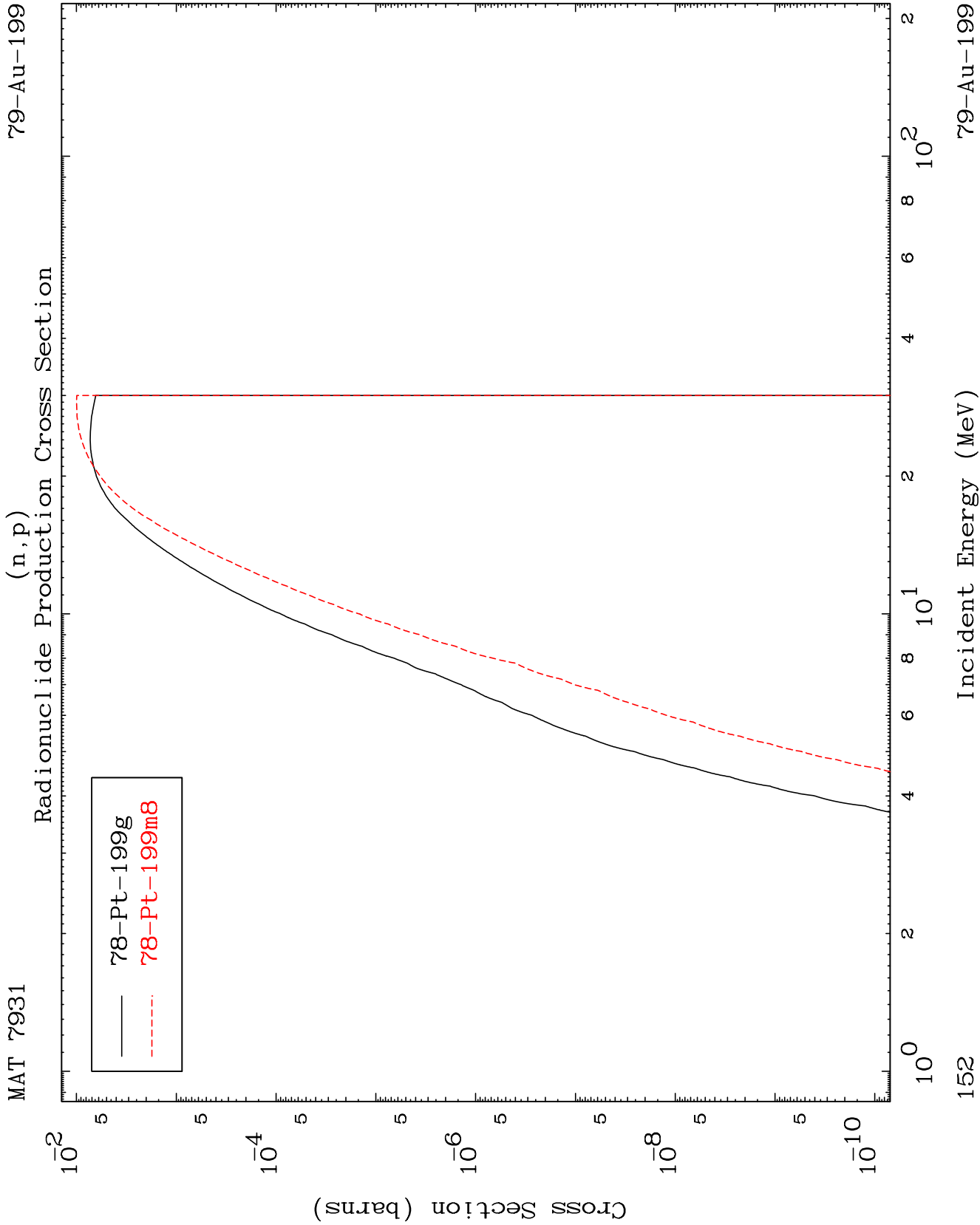


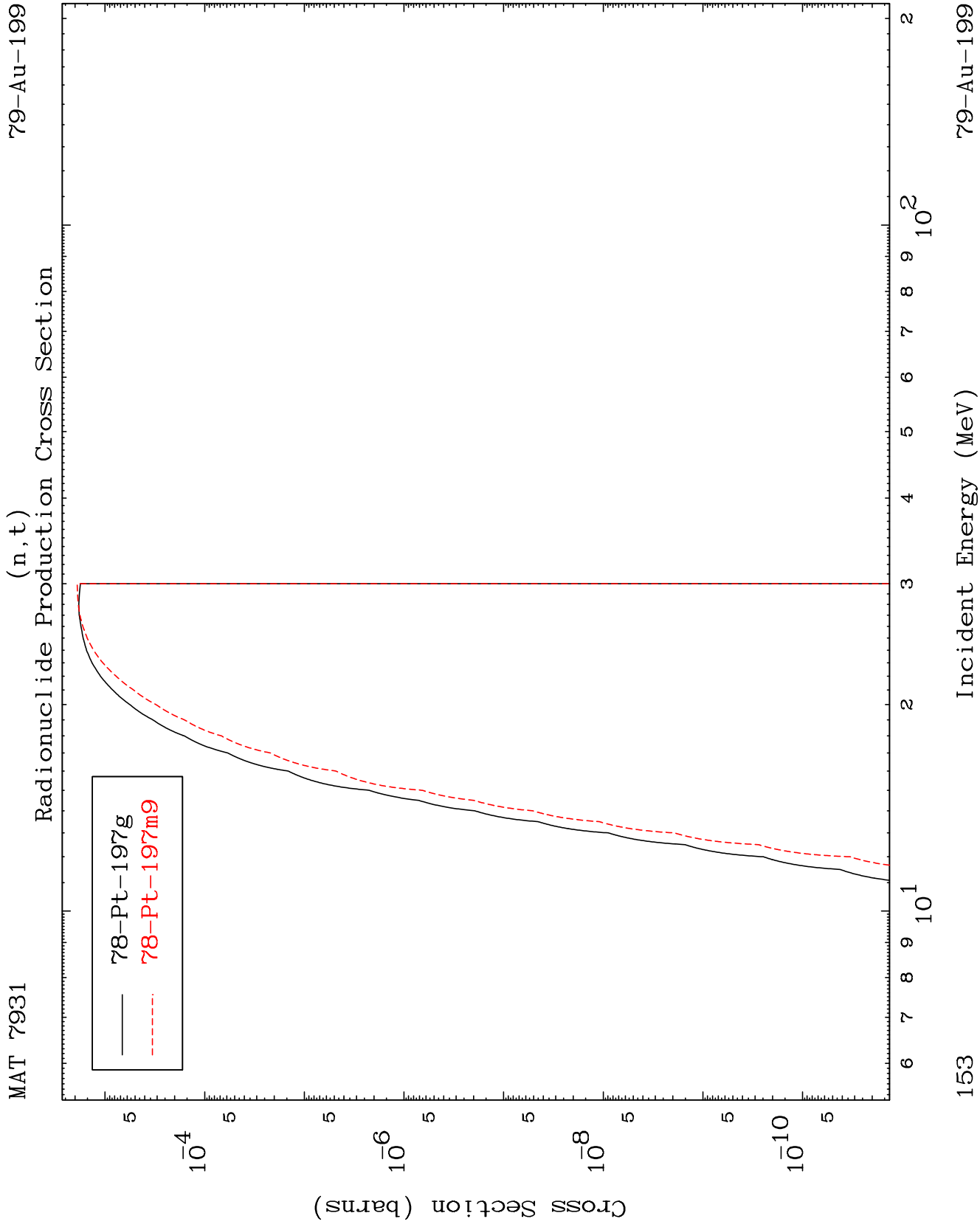
(n,2n) p
Radionuclide Production Cross Section



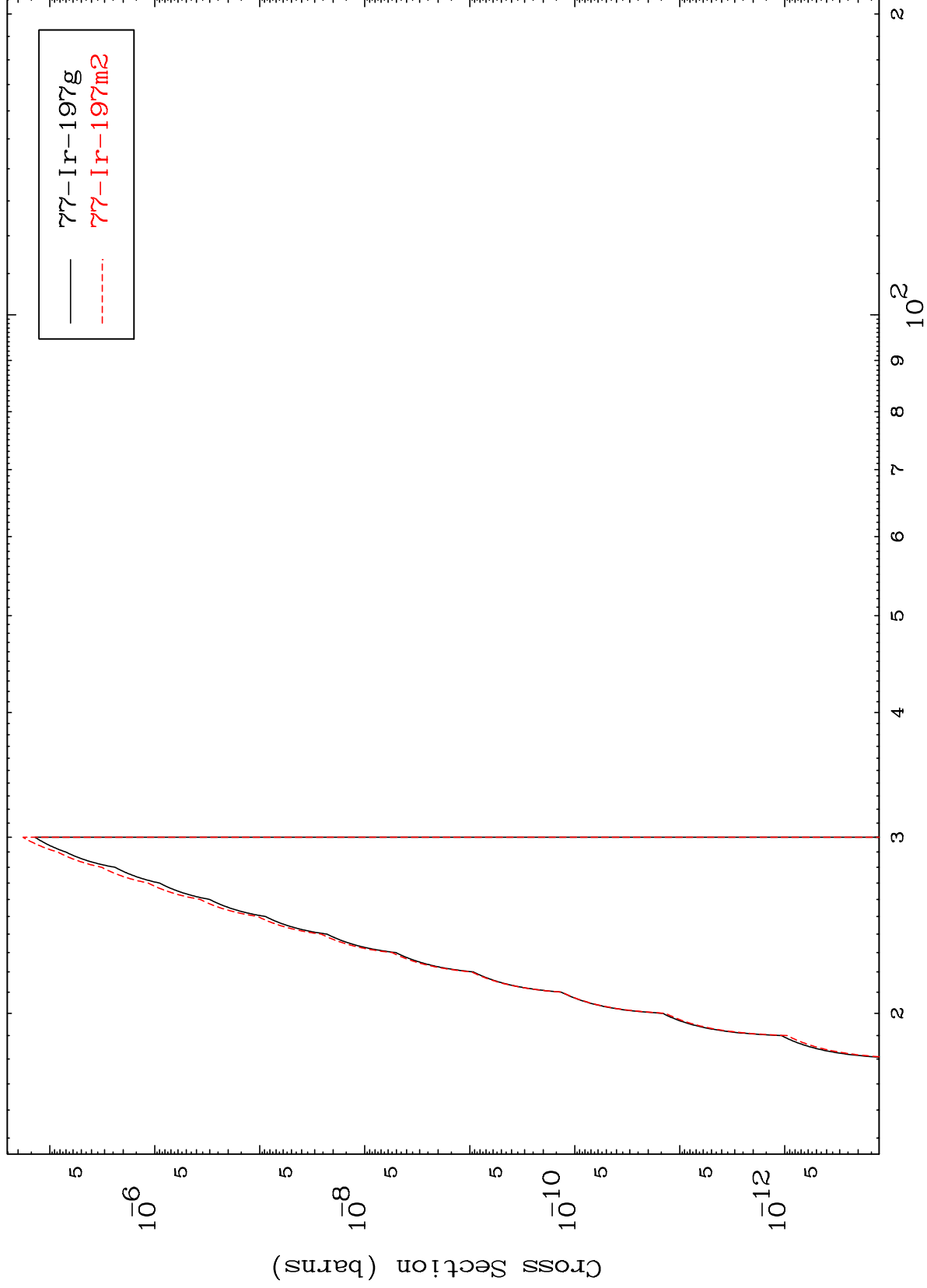
(n,γ)
Radionuclide Production Cross Section







(n,He-3)
Radionuclide Production Cross Section



(n, α)
Radionuclide Production Cross Section

