

Program EVALPLOT
(Version 2021-1)

by

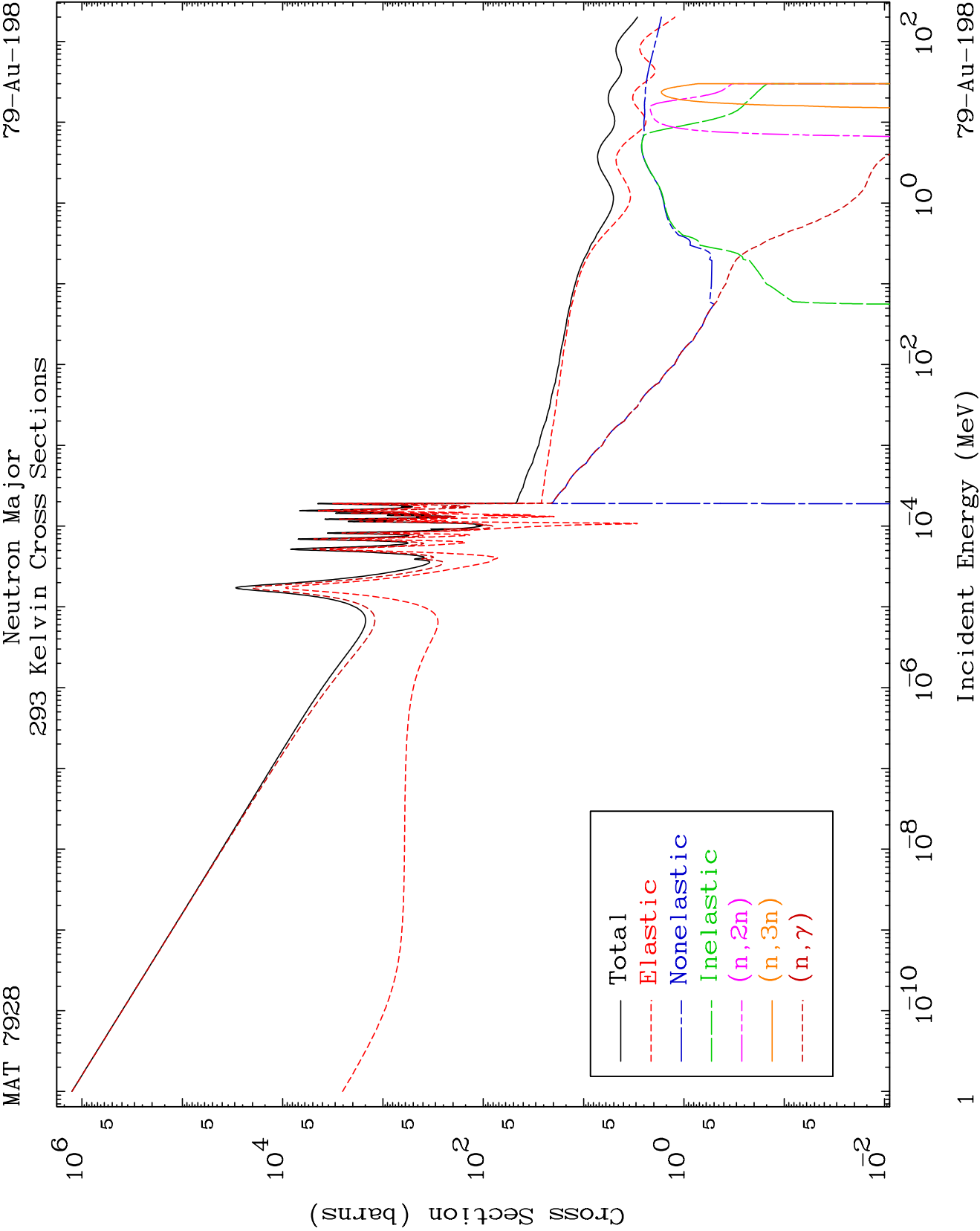
Dermott E. Cullen
(Present Contact Information)

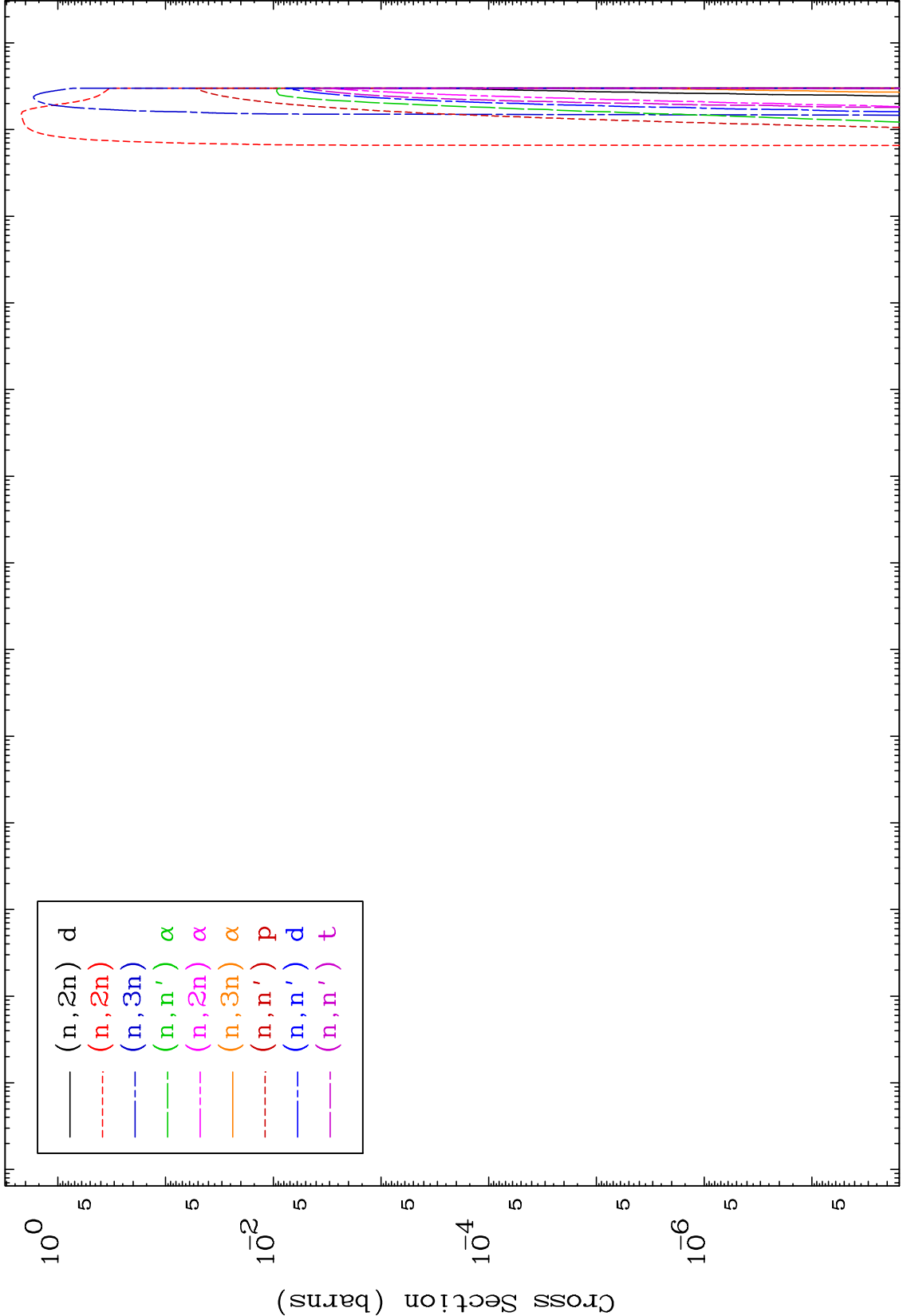
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

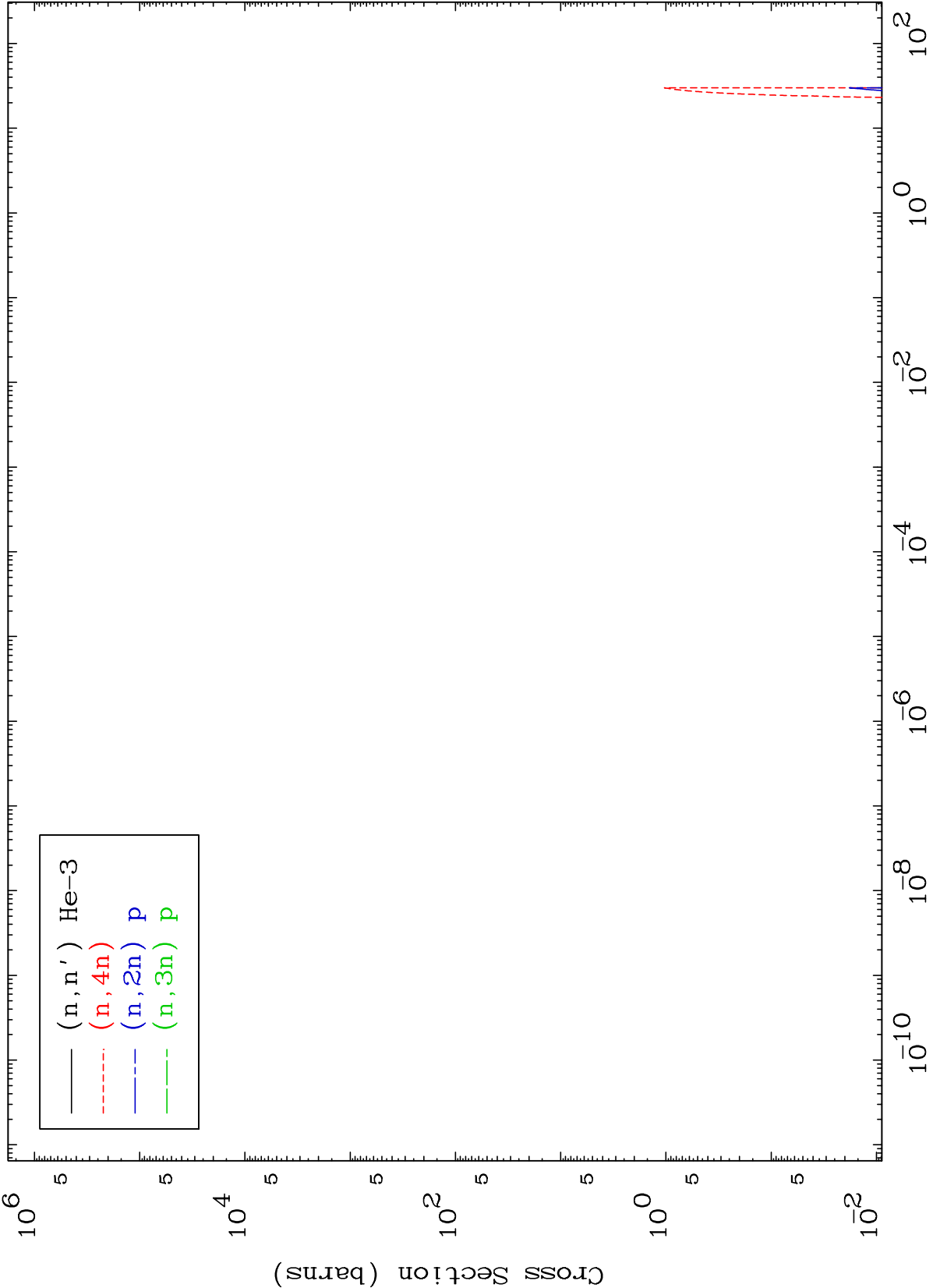
Tele: 925-443-1911

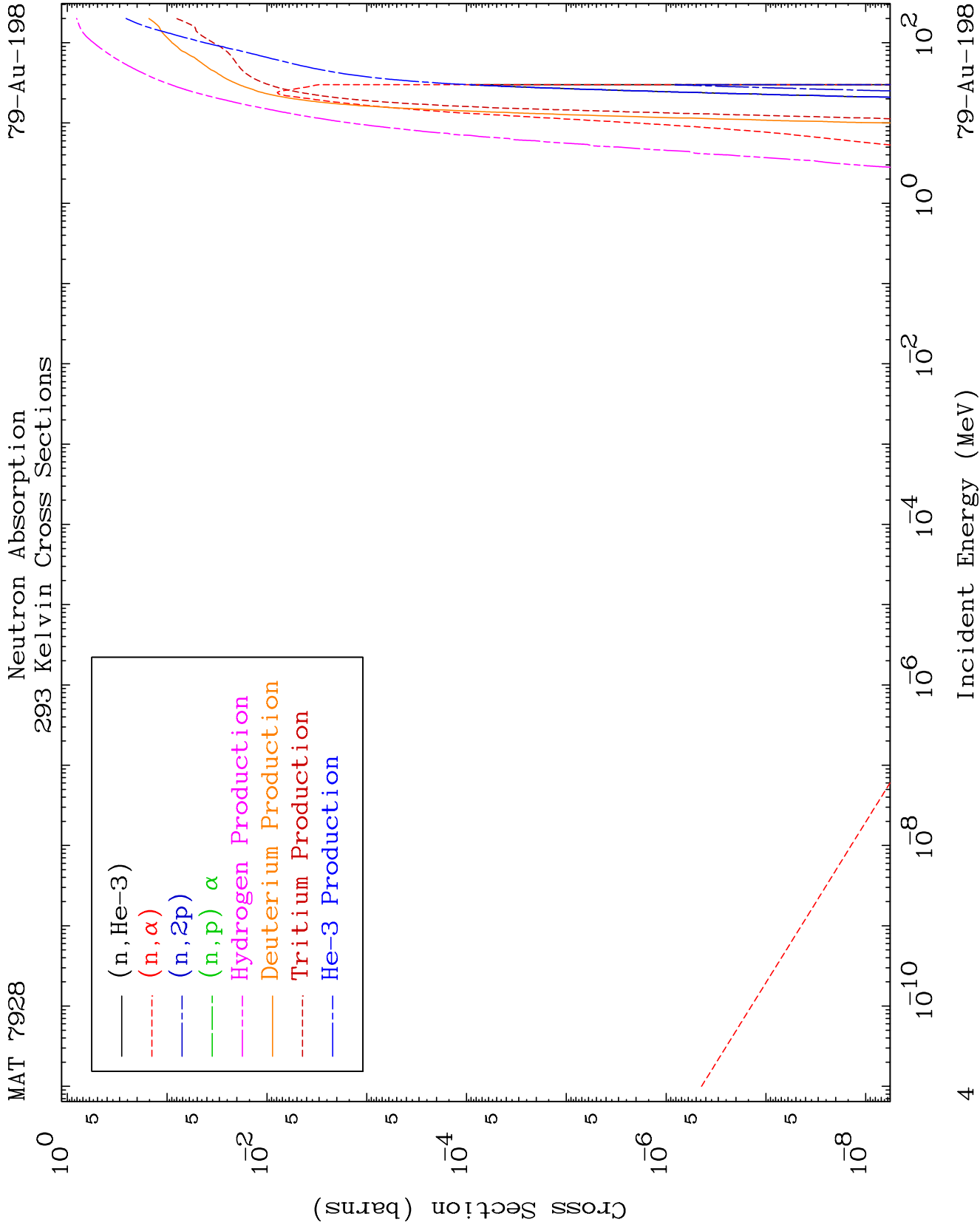
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

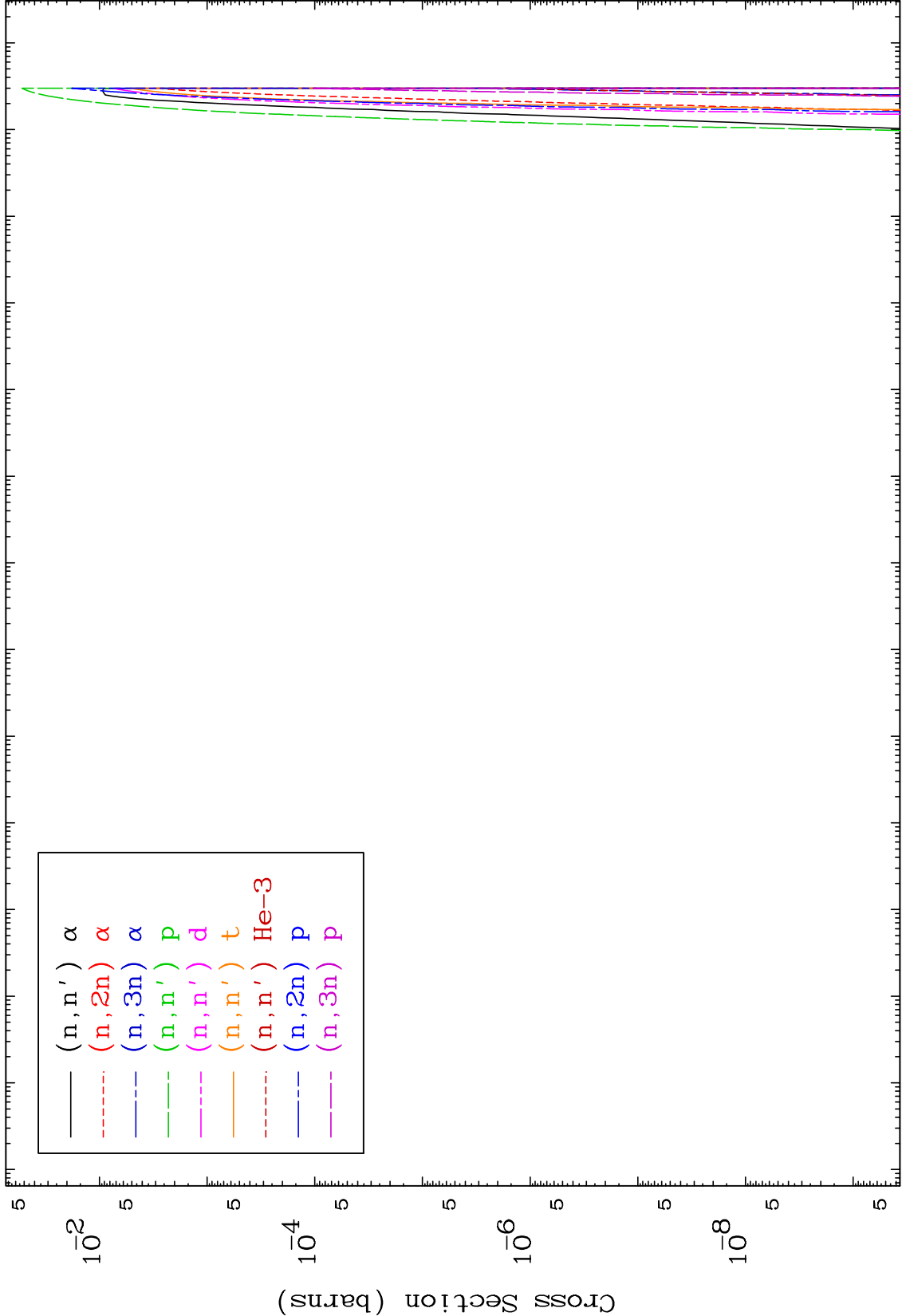
Press Mouse Button to Start

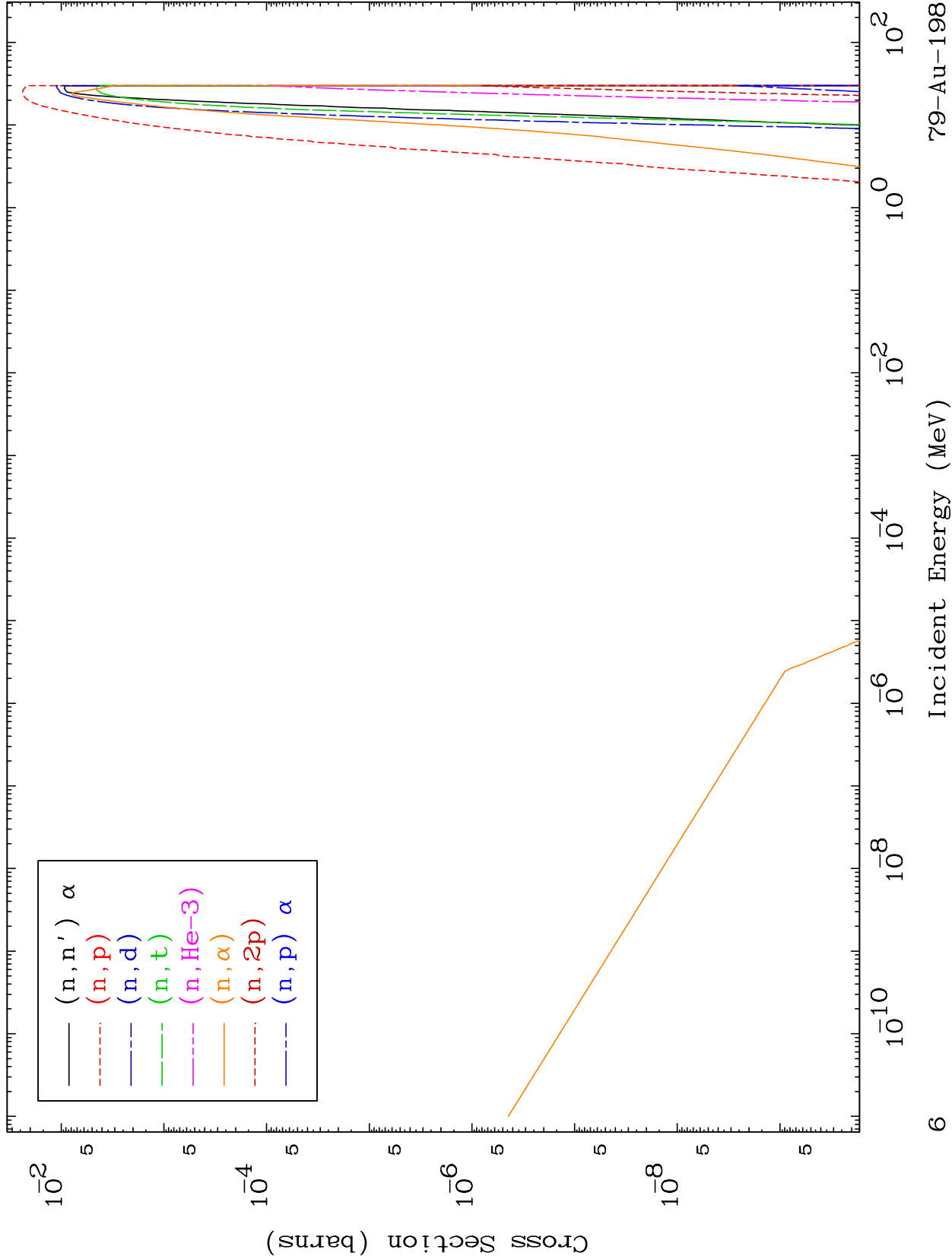


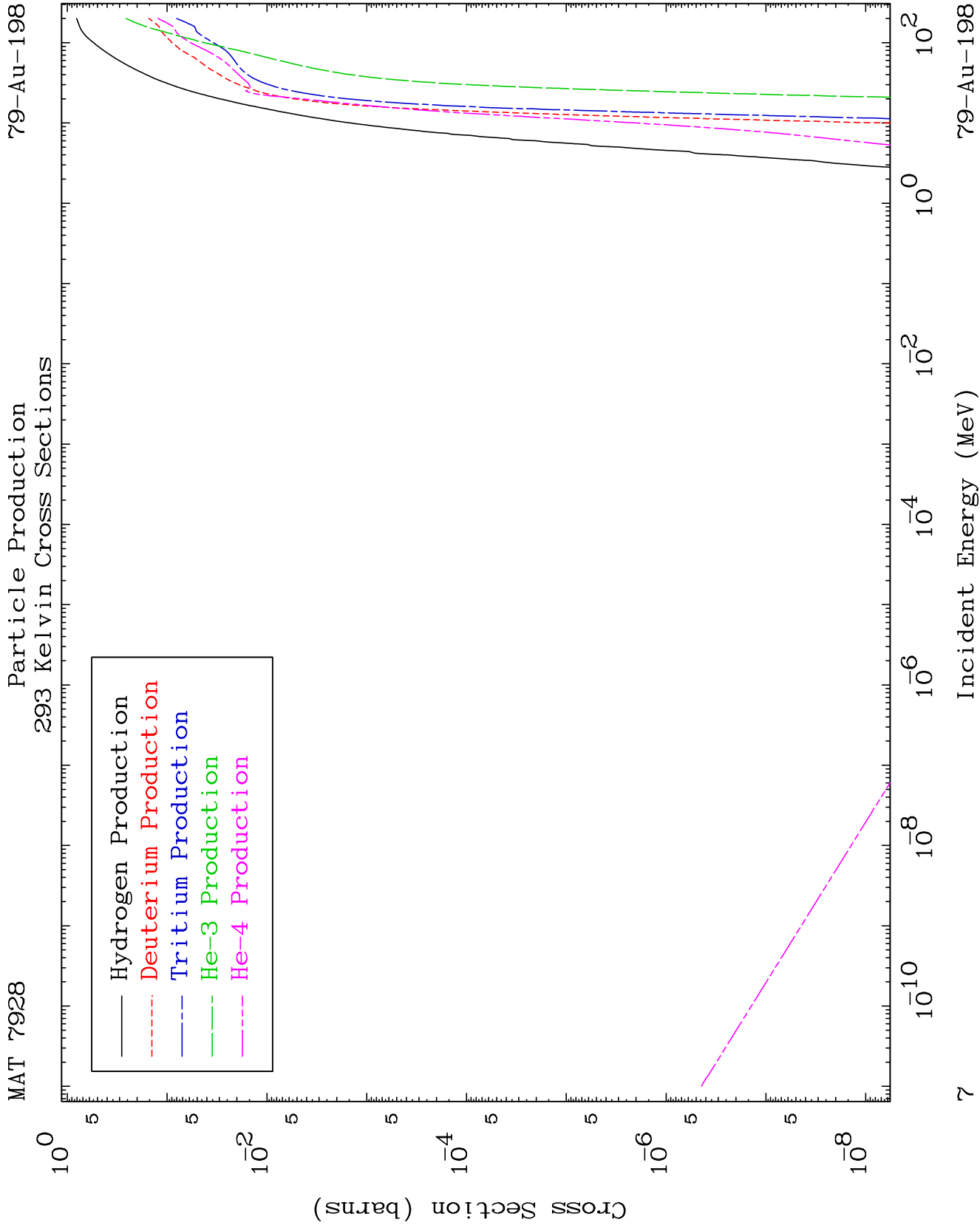




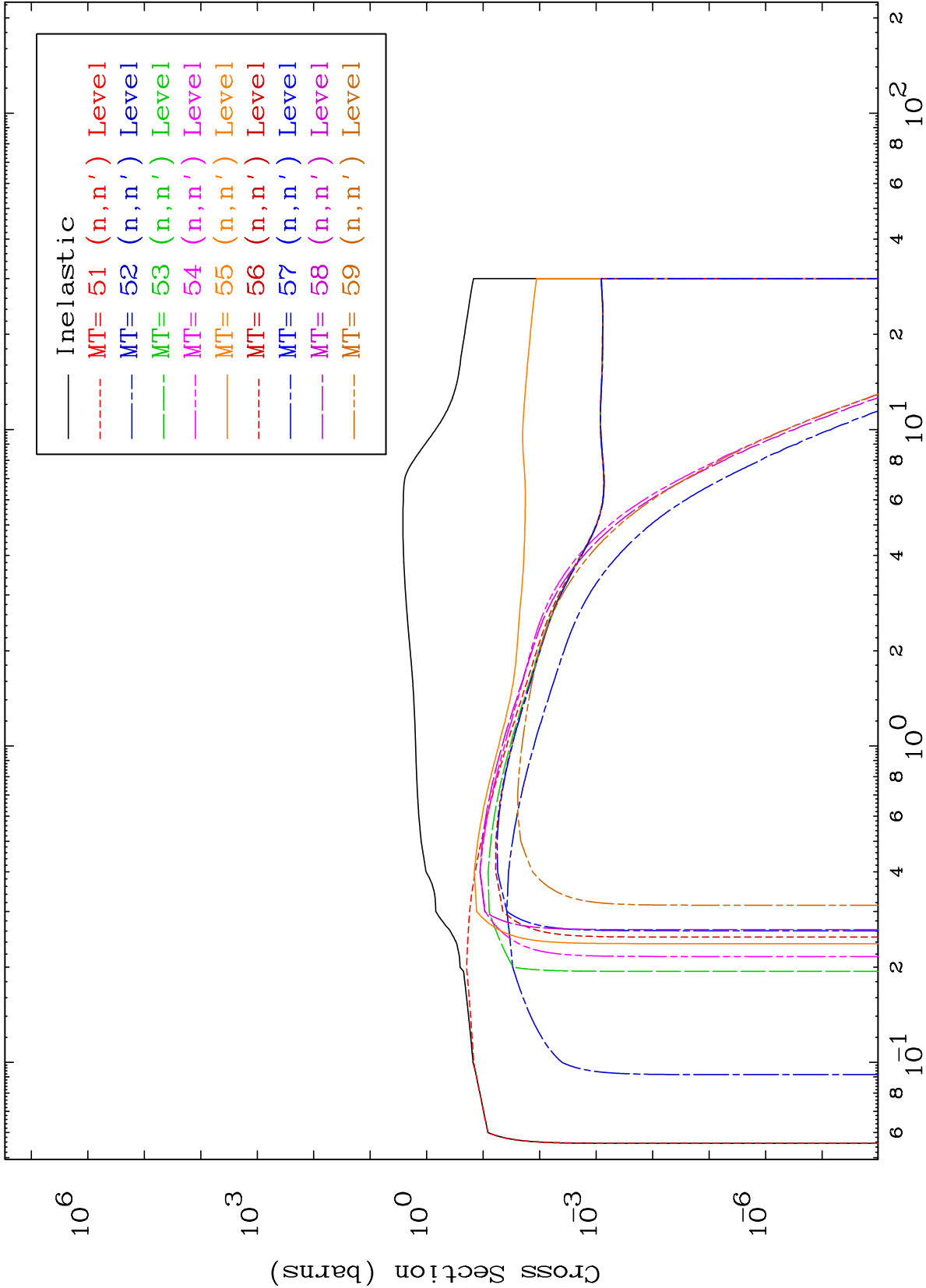


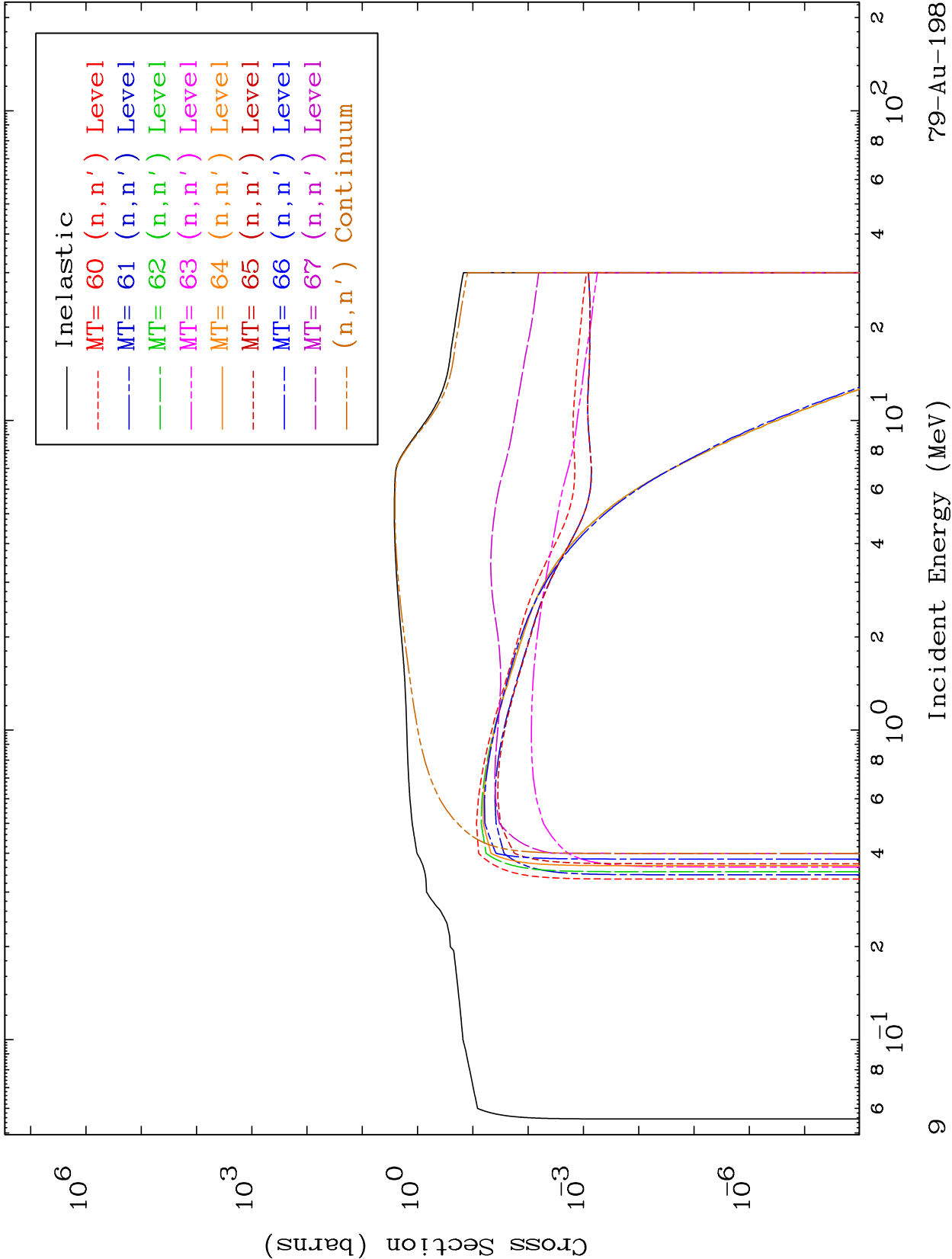






293 Kelvin Cross Sections

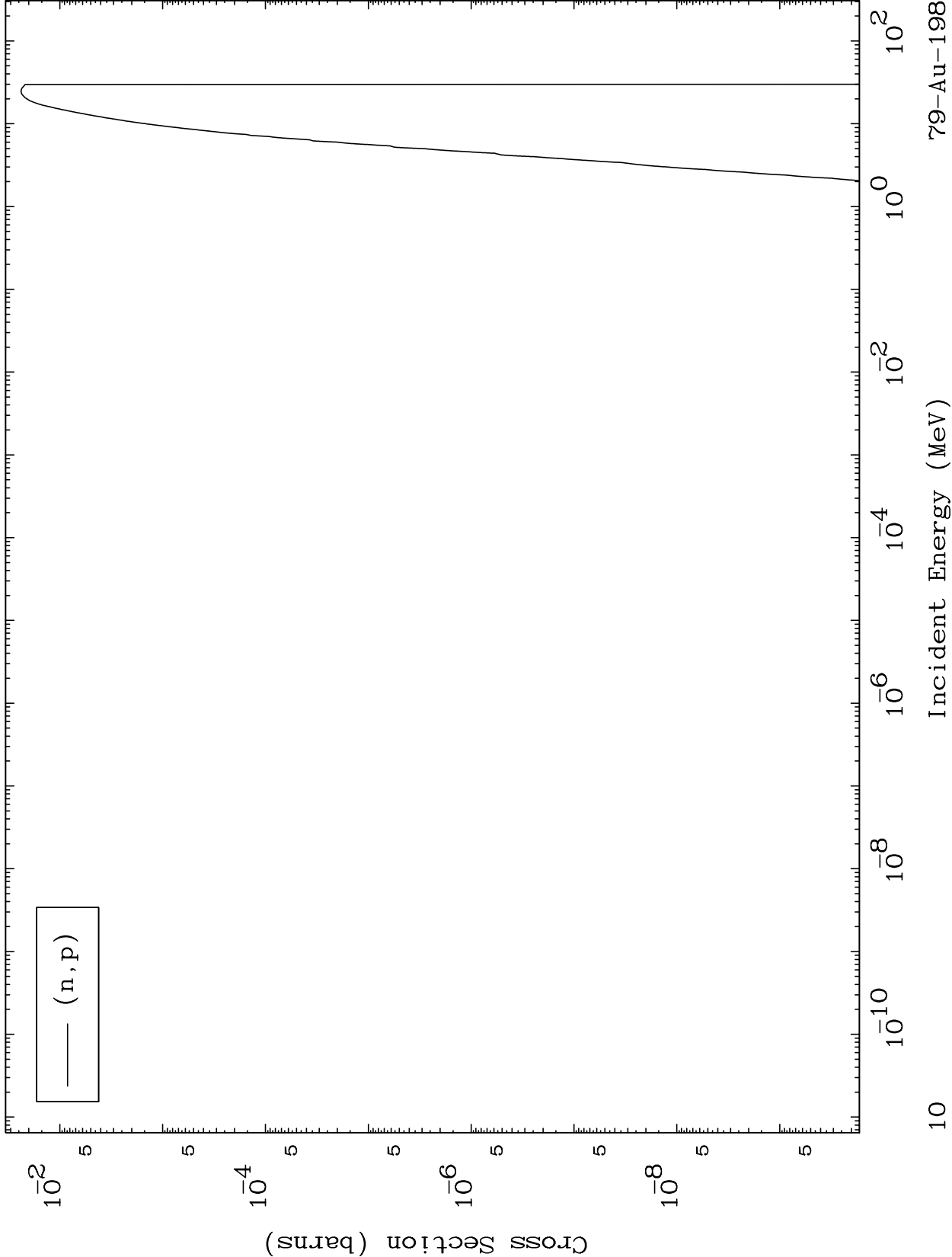




MAT 7928

(n,p) Levels
293 Kelvin Cross Sections

79-Au-198

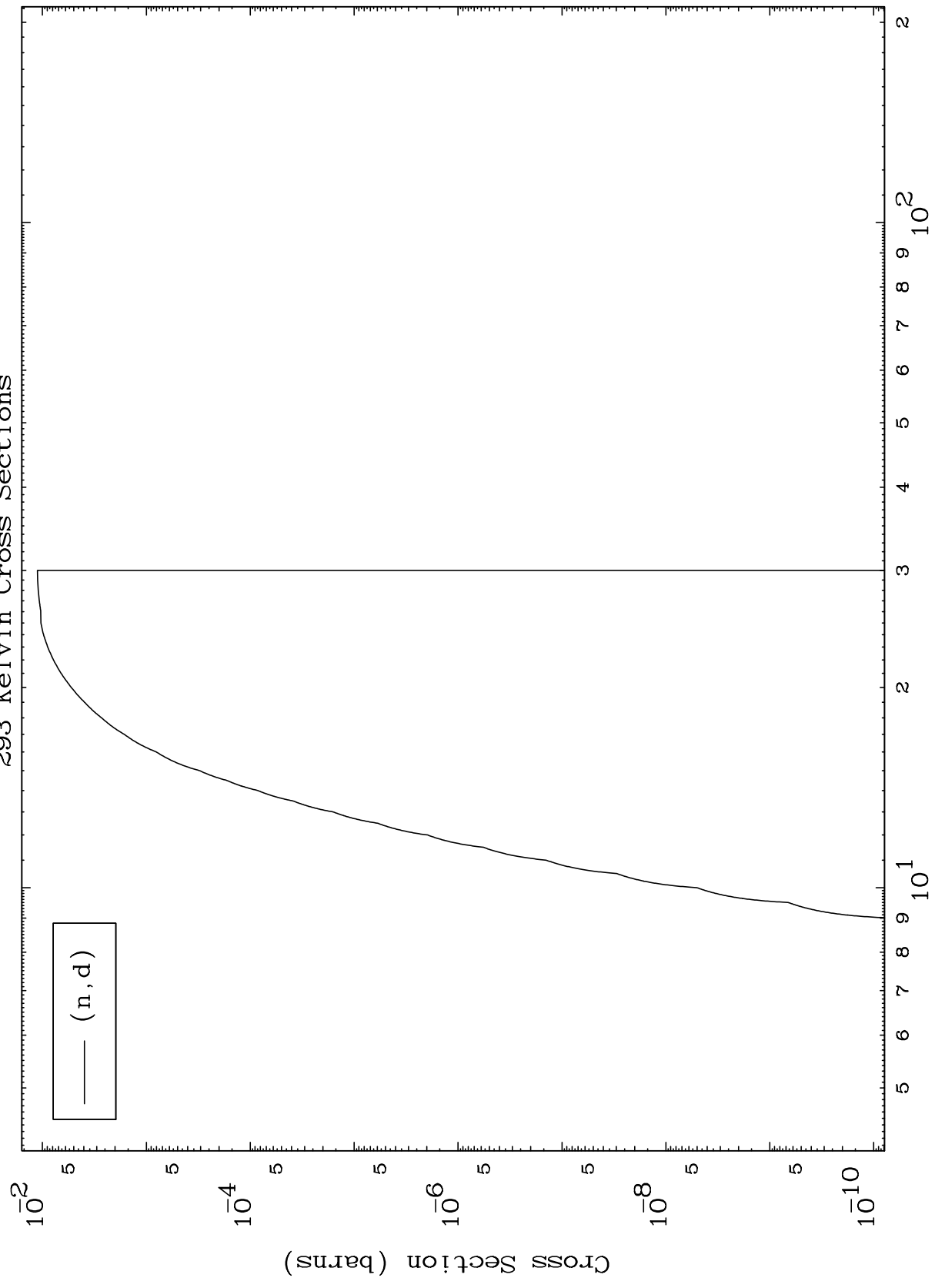


79-Au-198

MAT 7928

79-Au-198

(n,d) Levels
293 Kelvin Cross Sections



11

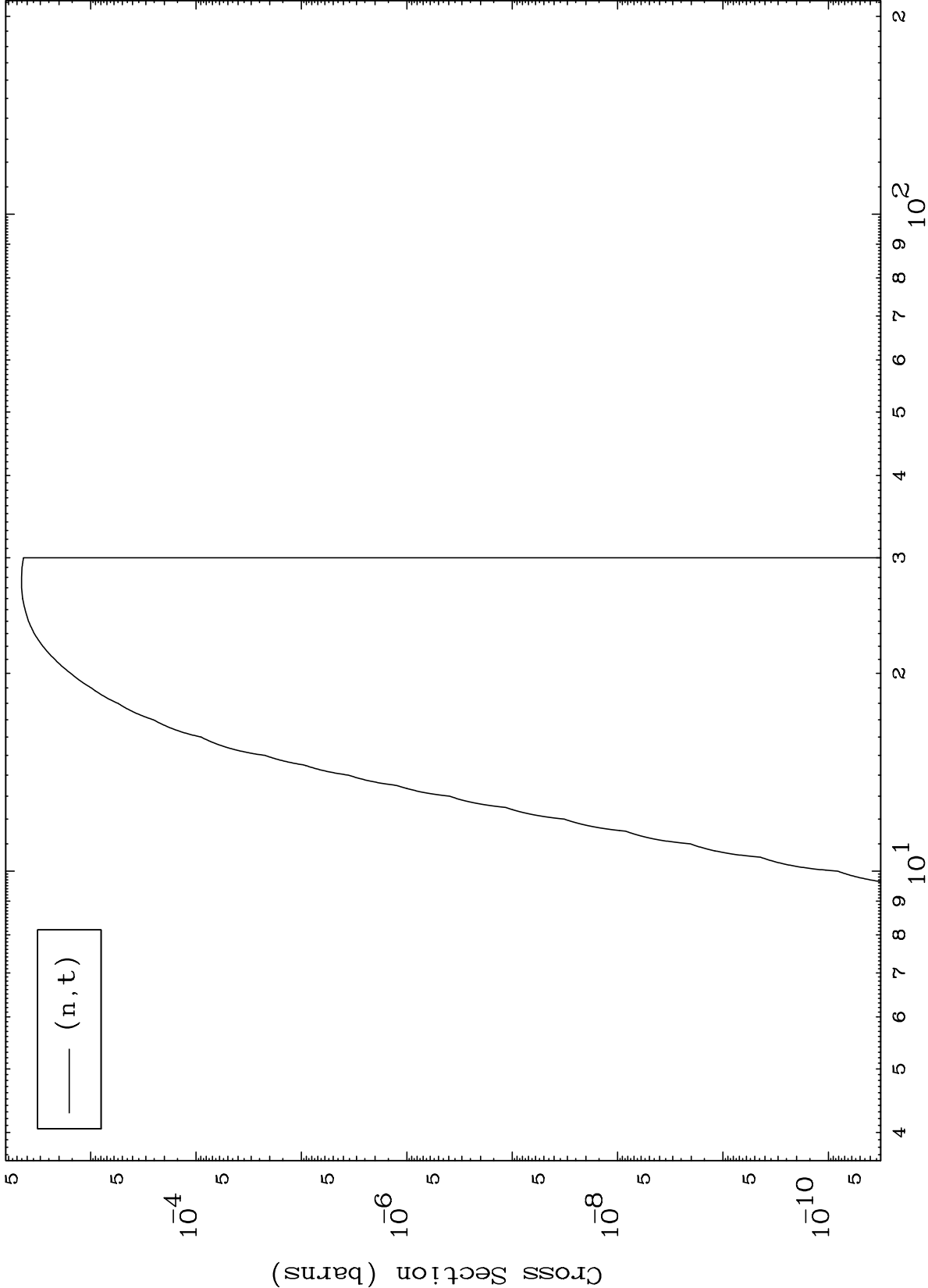
Incident Energy (MeV)

79-Au-198

MAT 7928

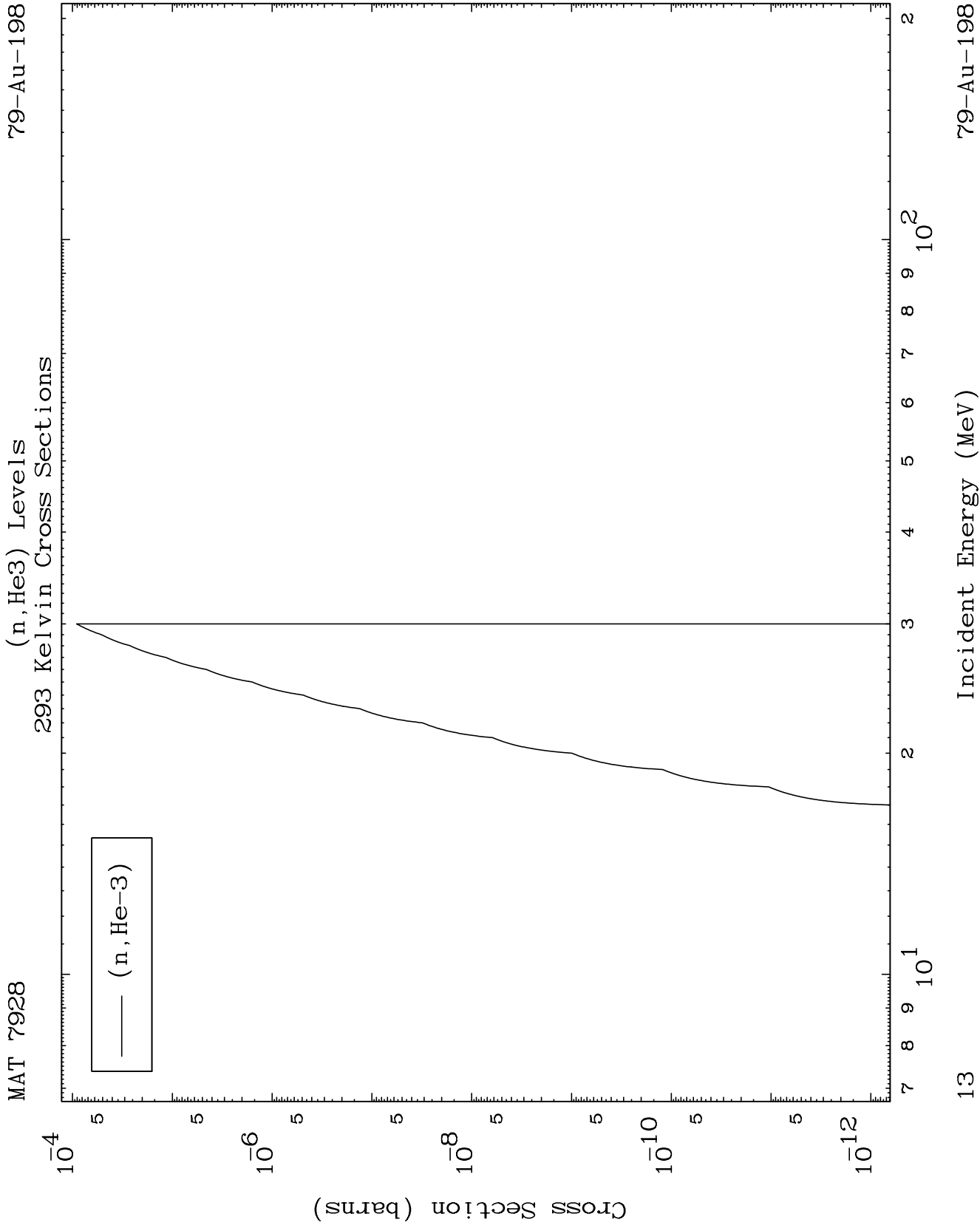
(n,t) Levels
293 Kelvin Cross Sections

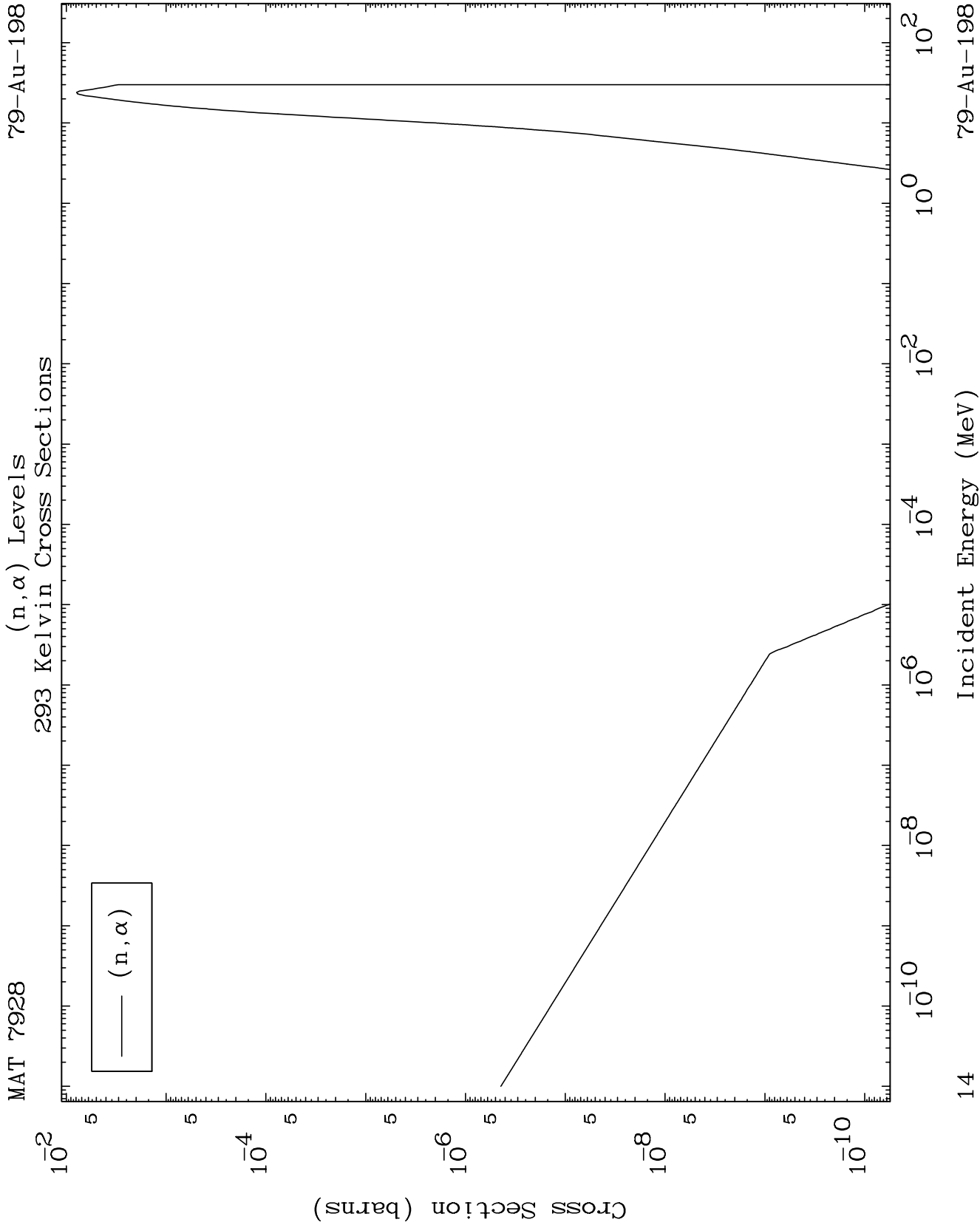
79-Au-198

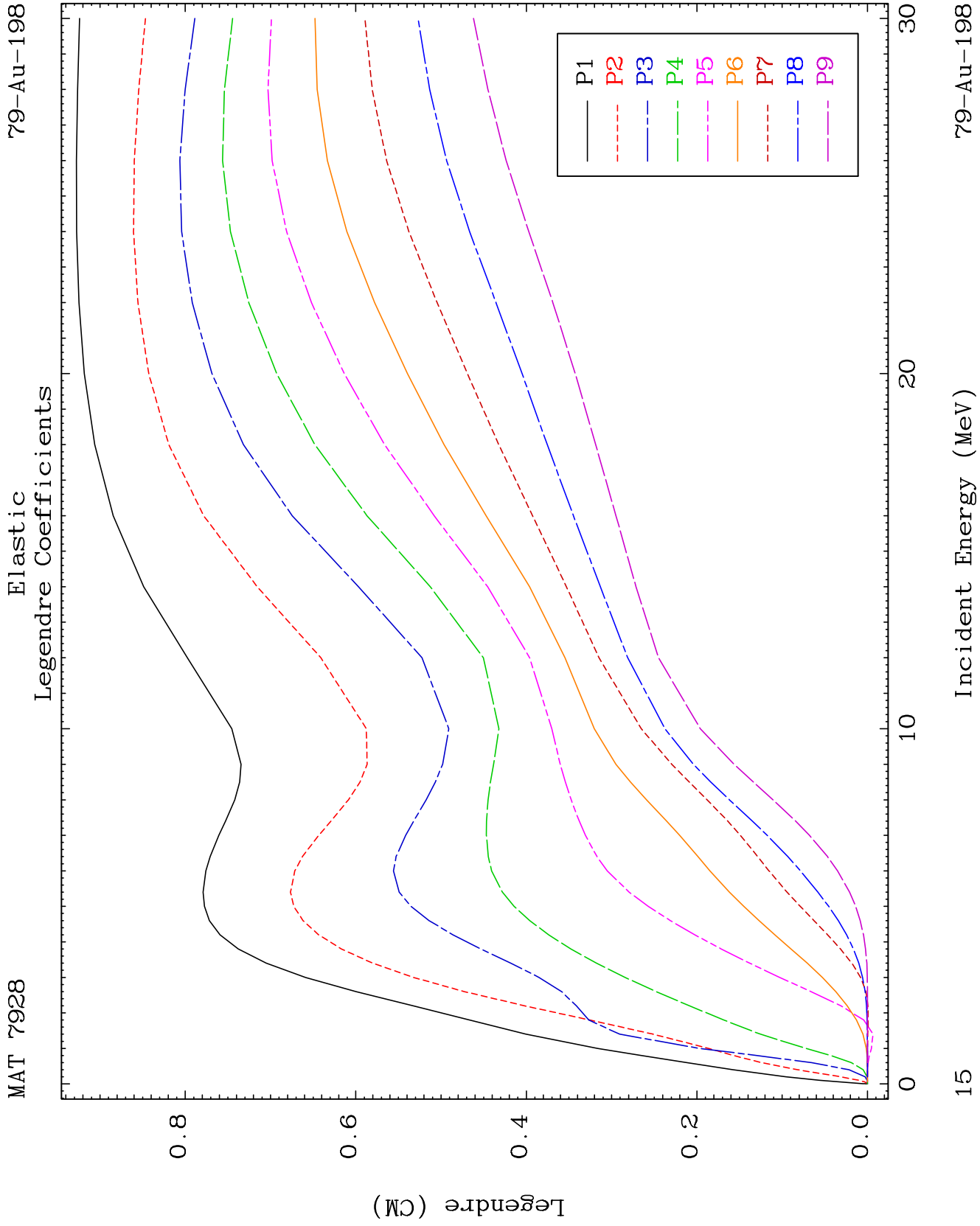


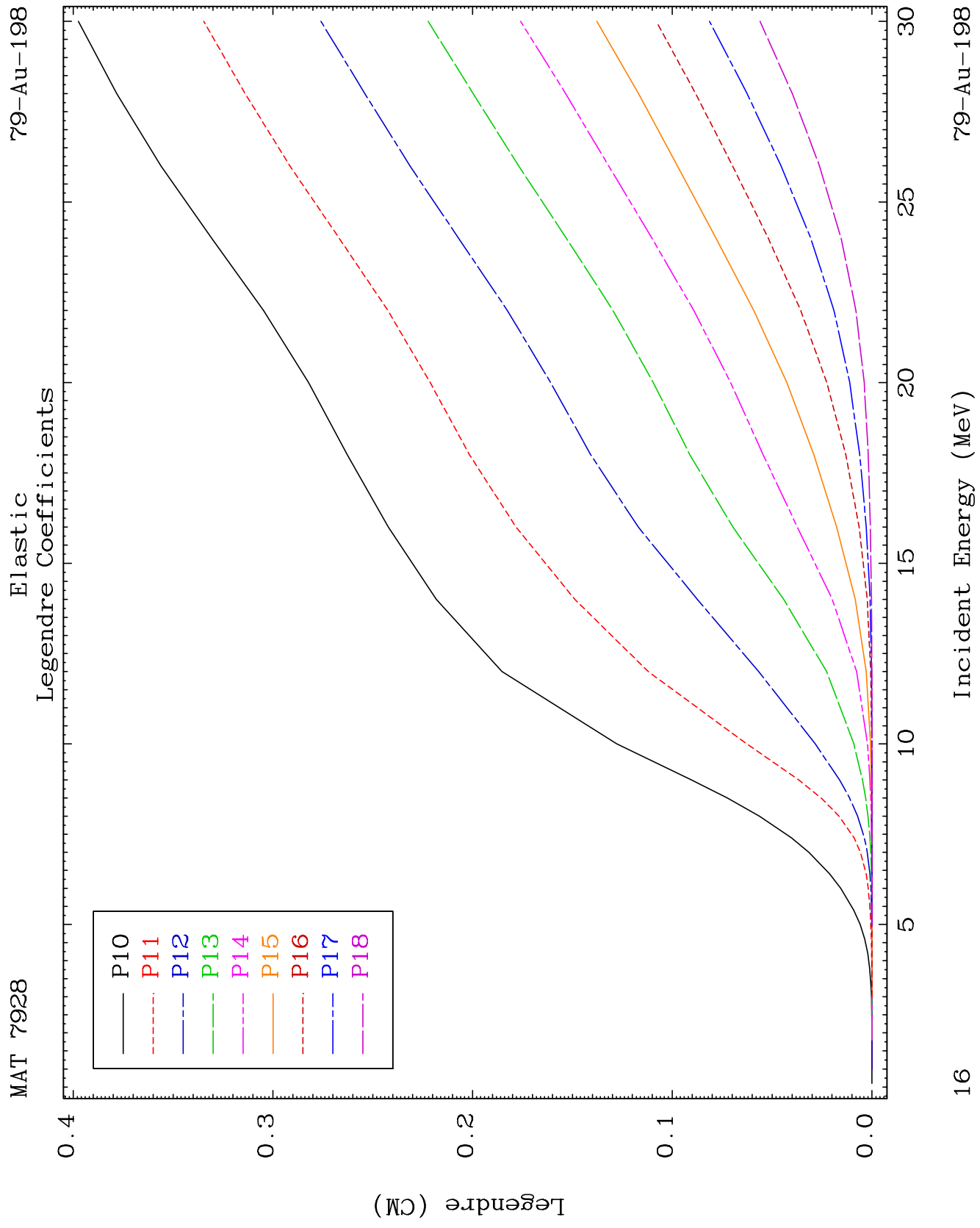
Incident Energy (MeV)

79-Au-198





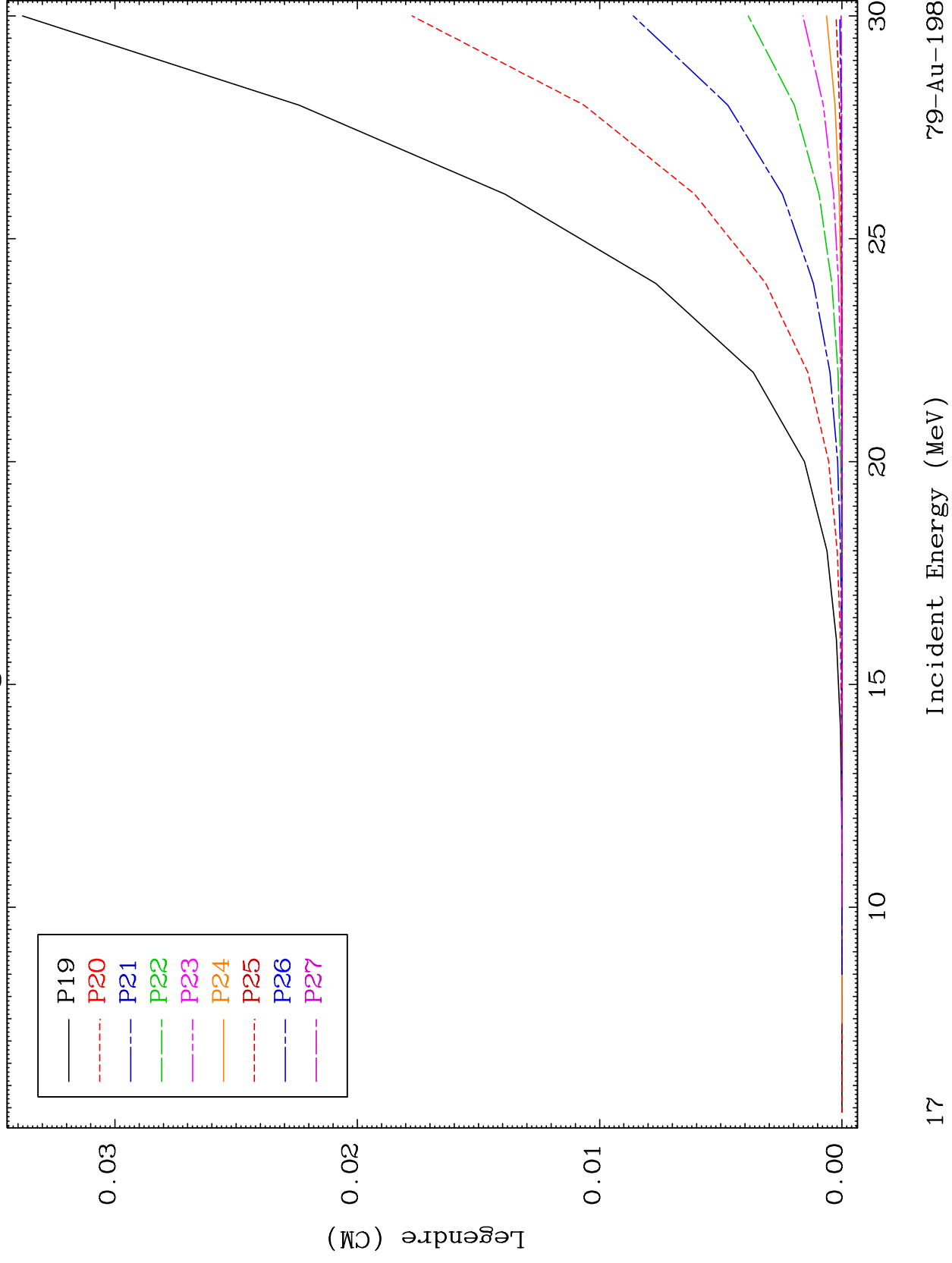


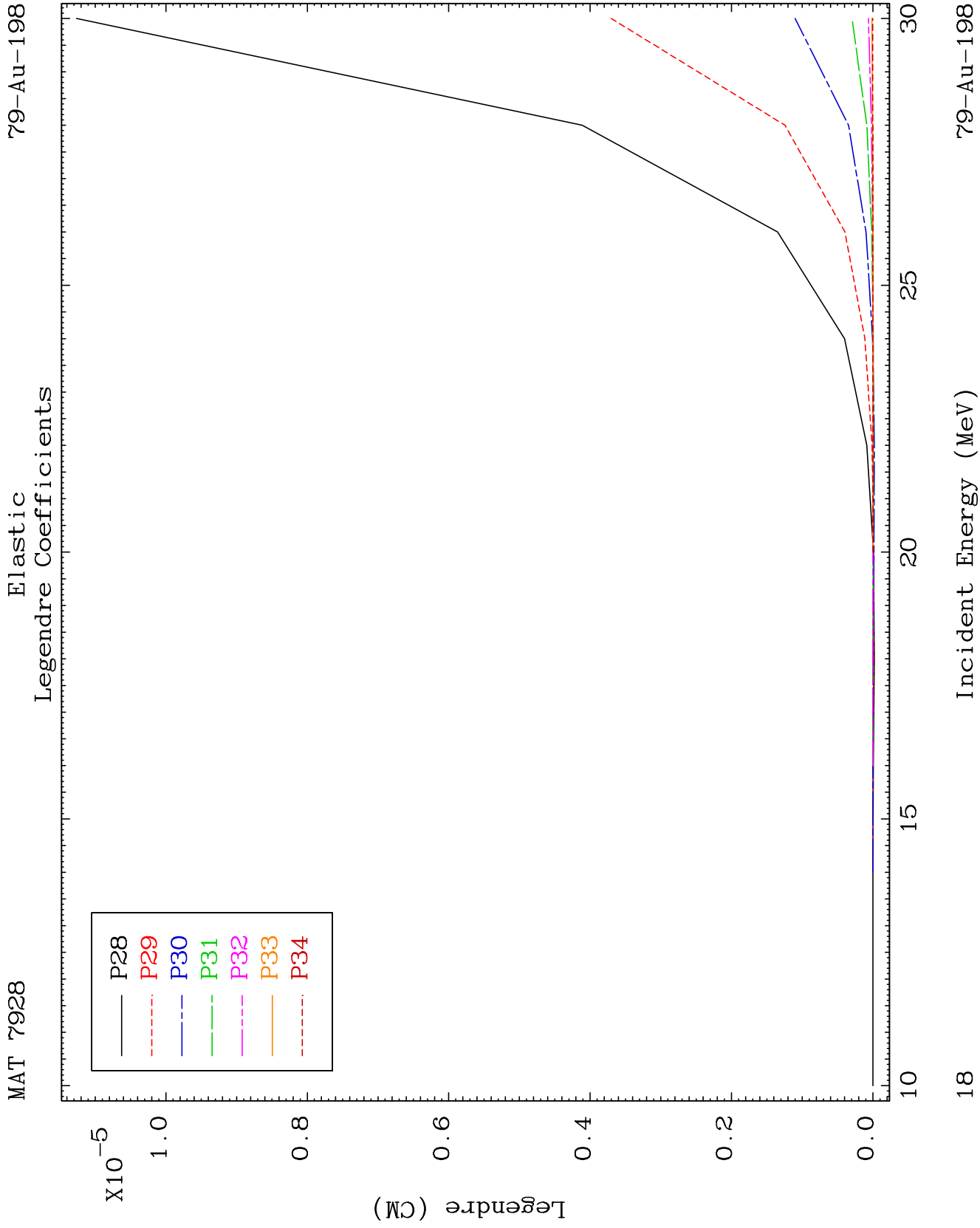


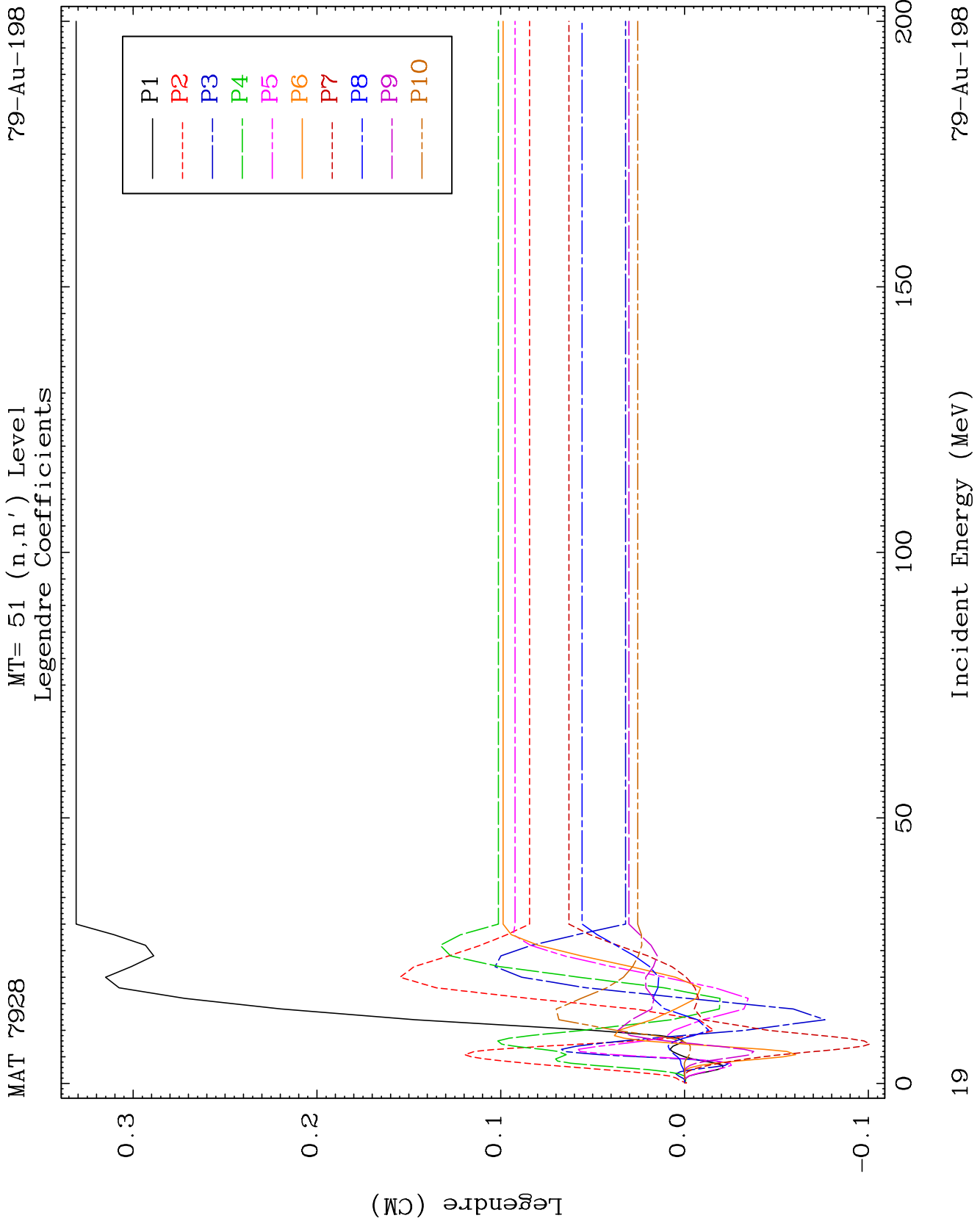
MAT 7928

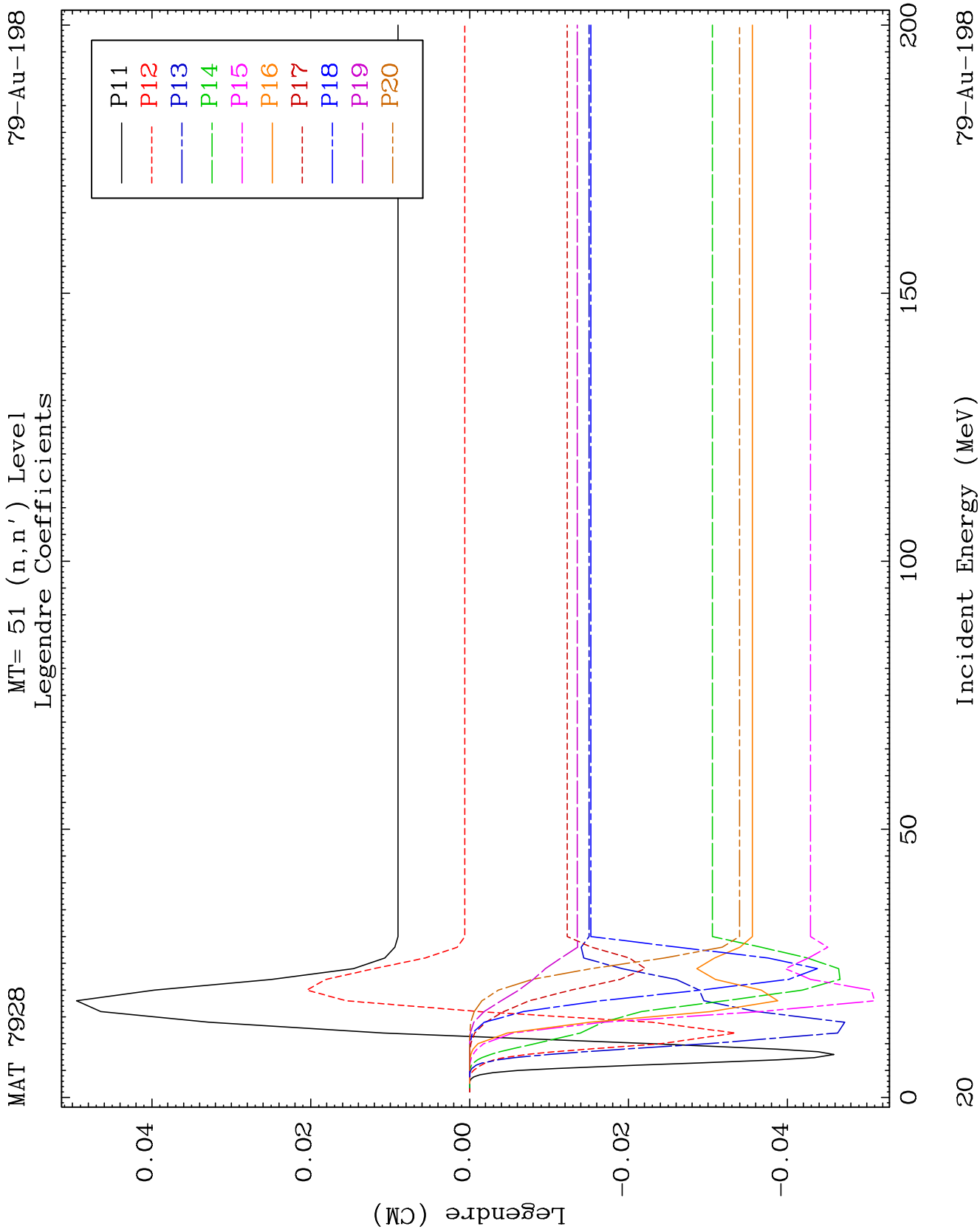
Elastic Legendre Coefficients

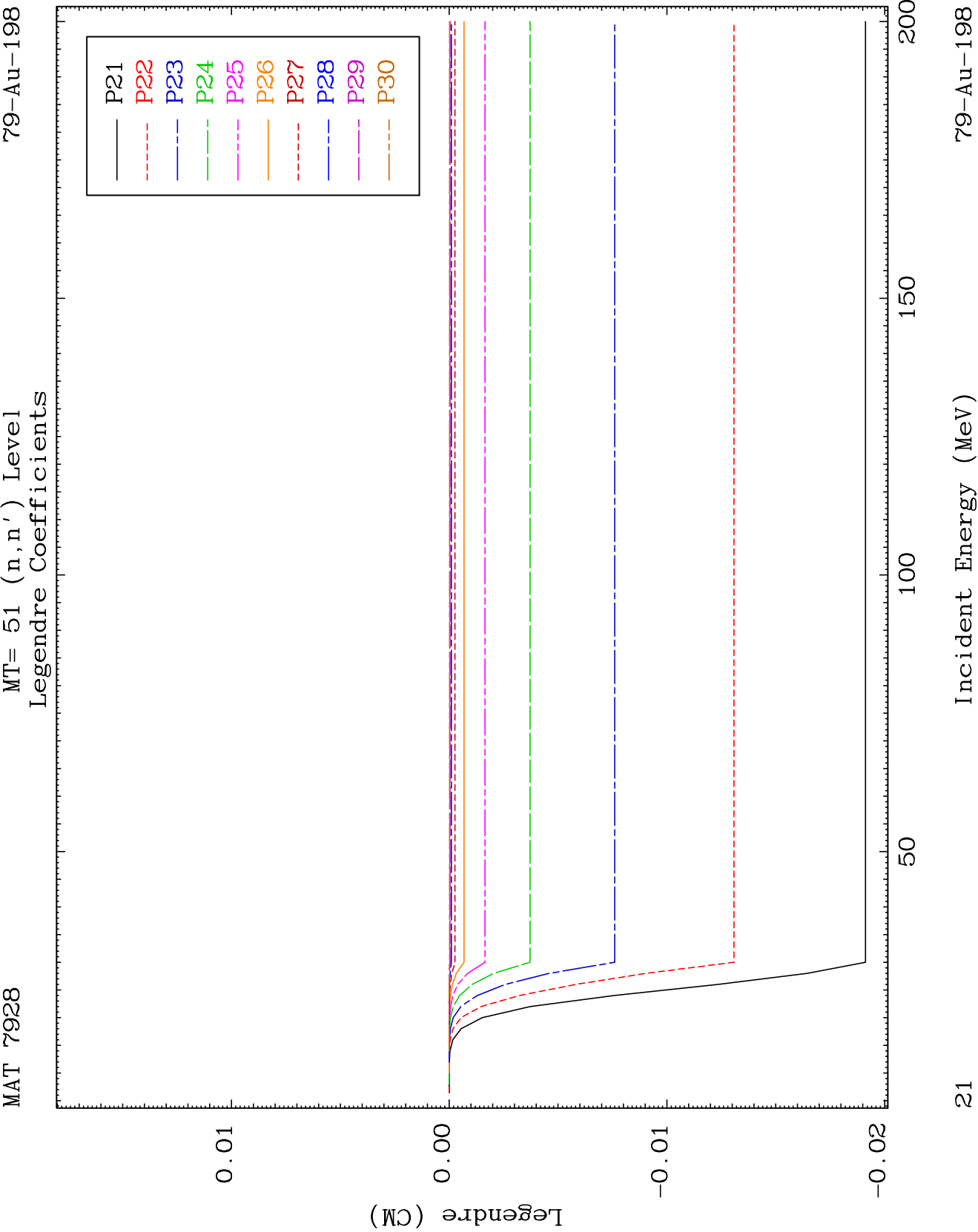
79-Au-198

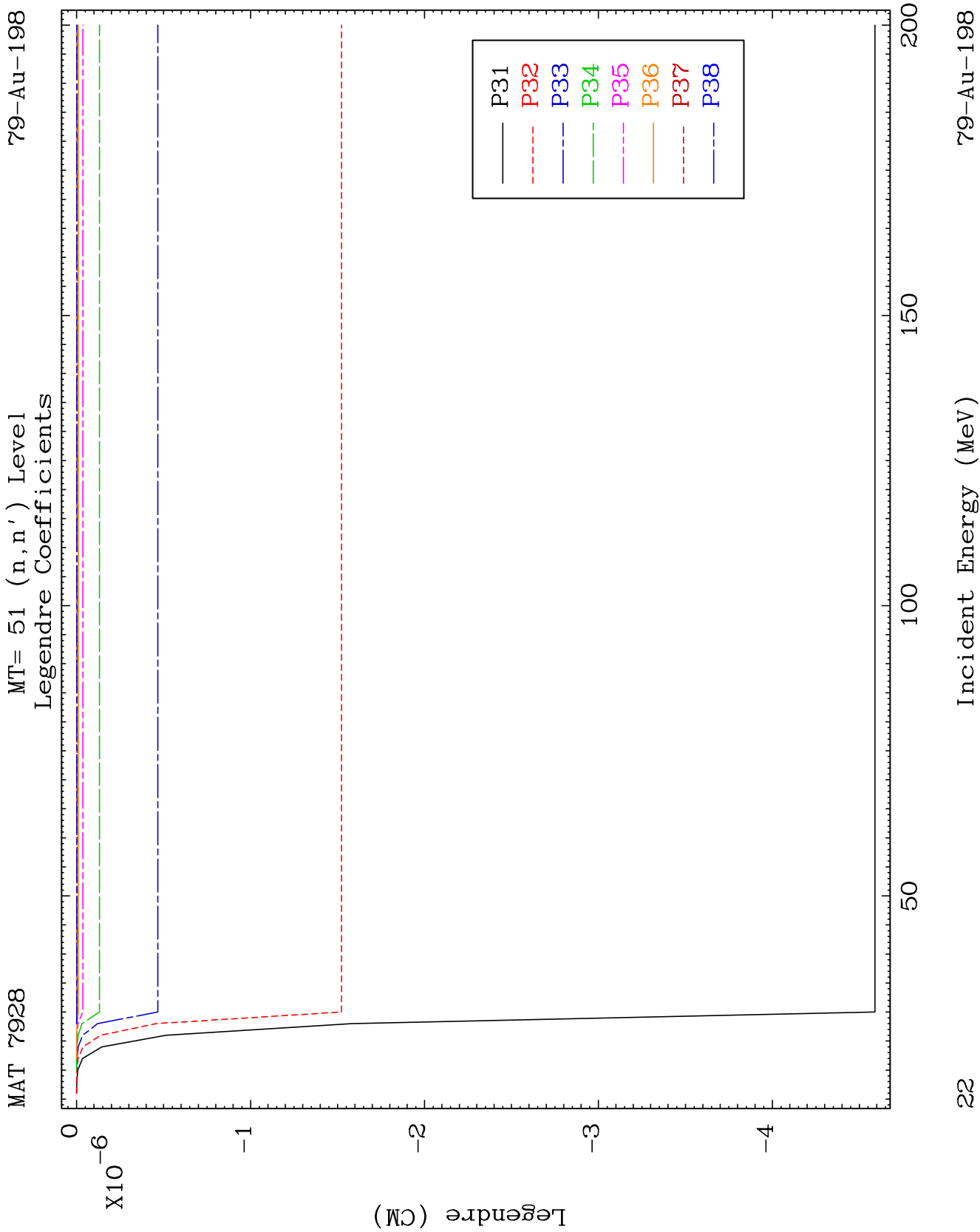








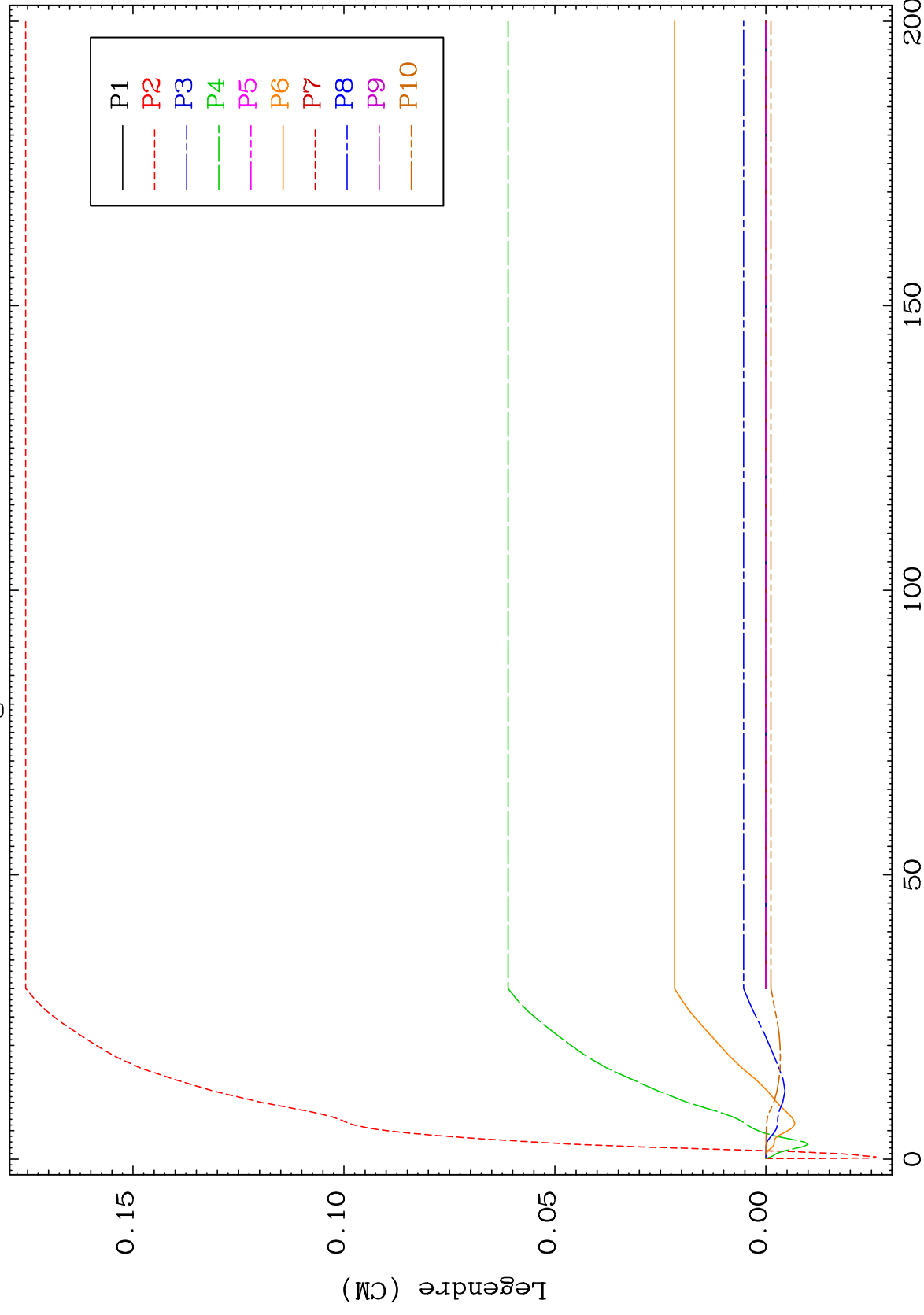




MAT 7928

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

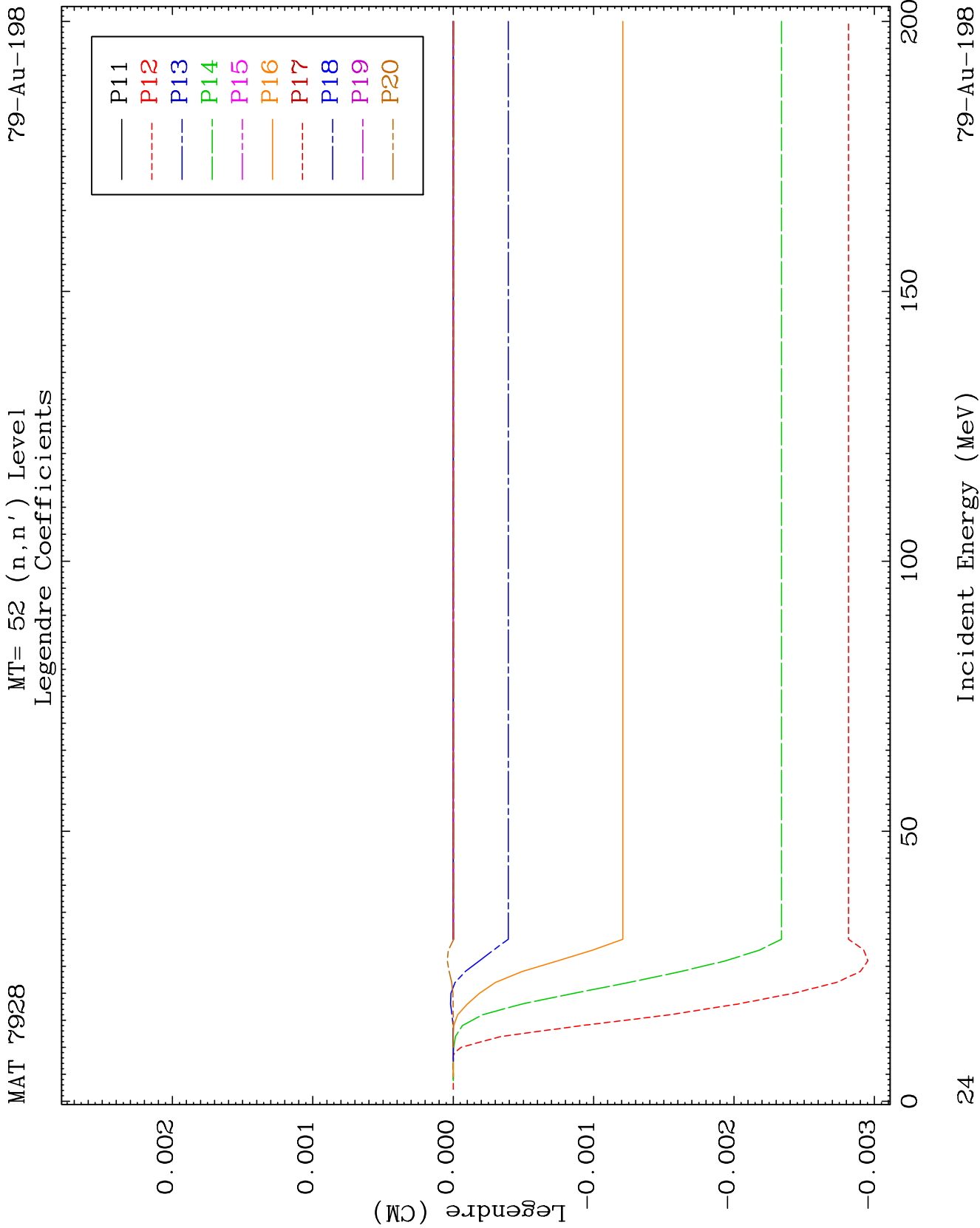
79-Au-198

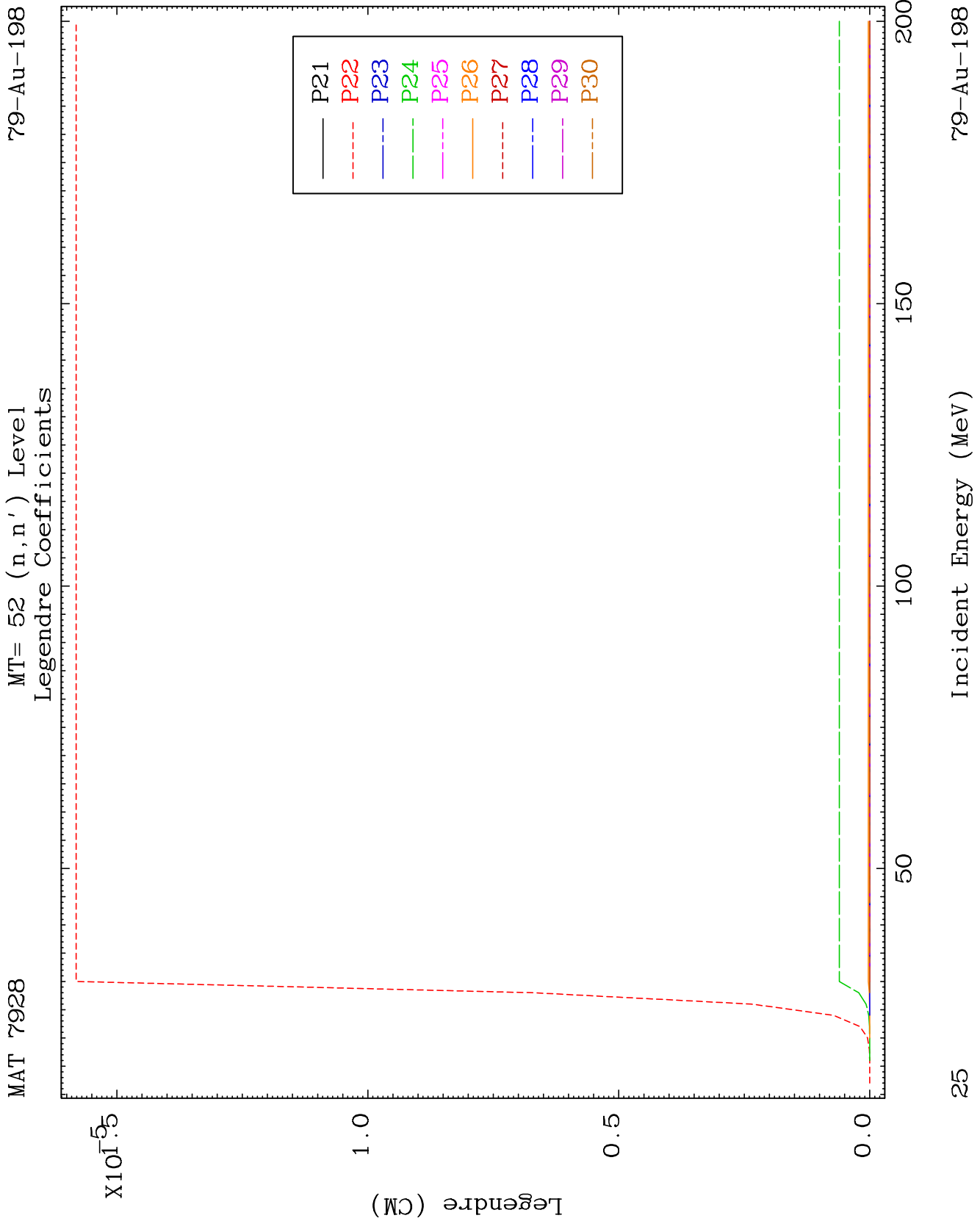


32

Incident Energy (MeV)

79-Au-198

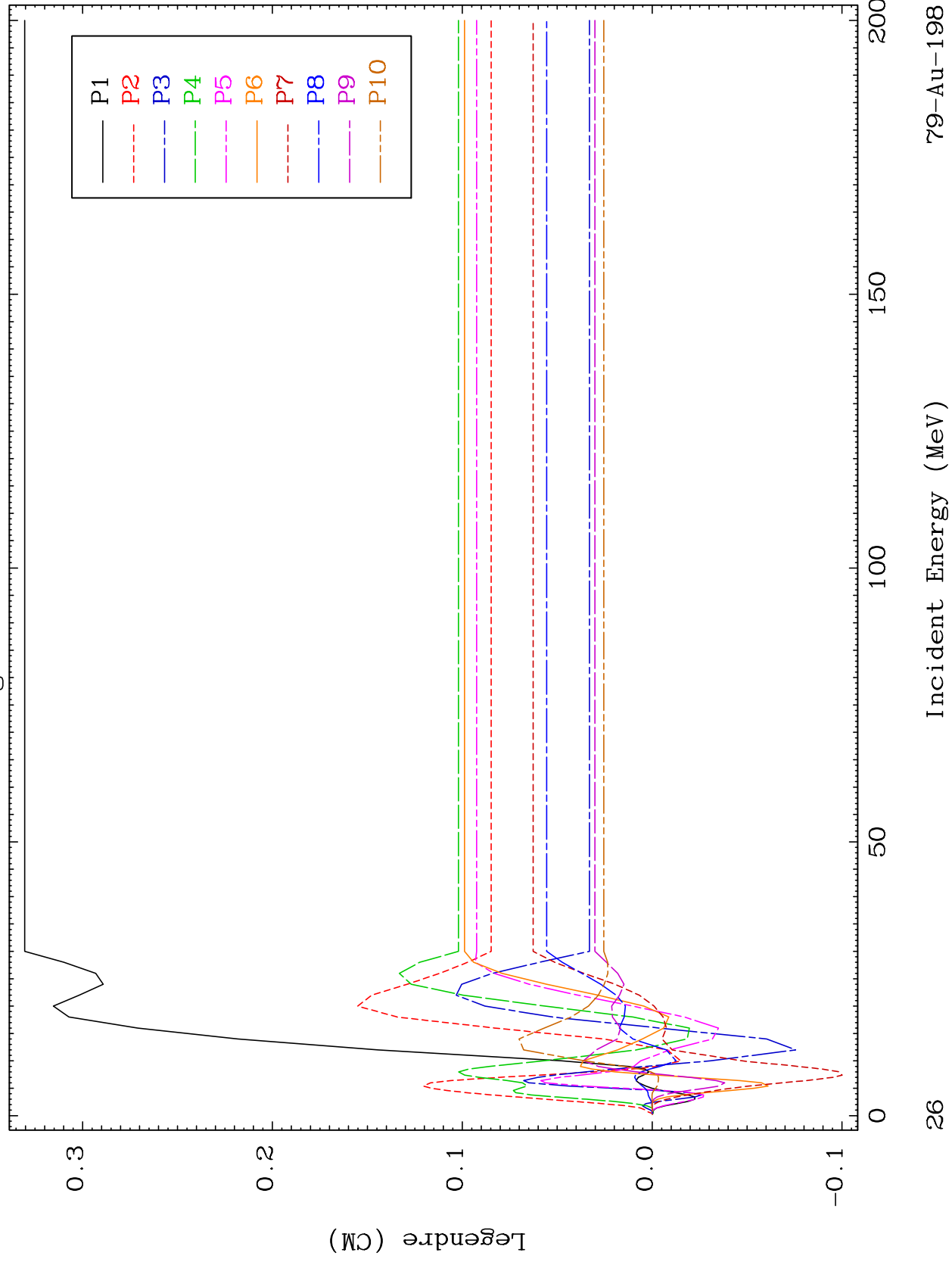




MAT 7928

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

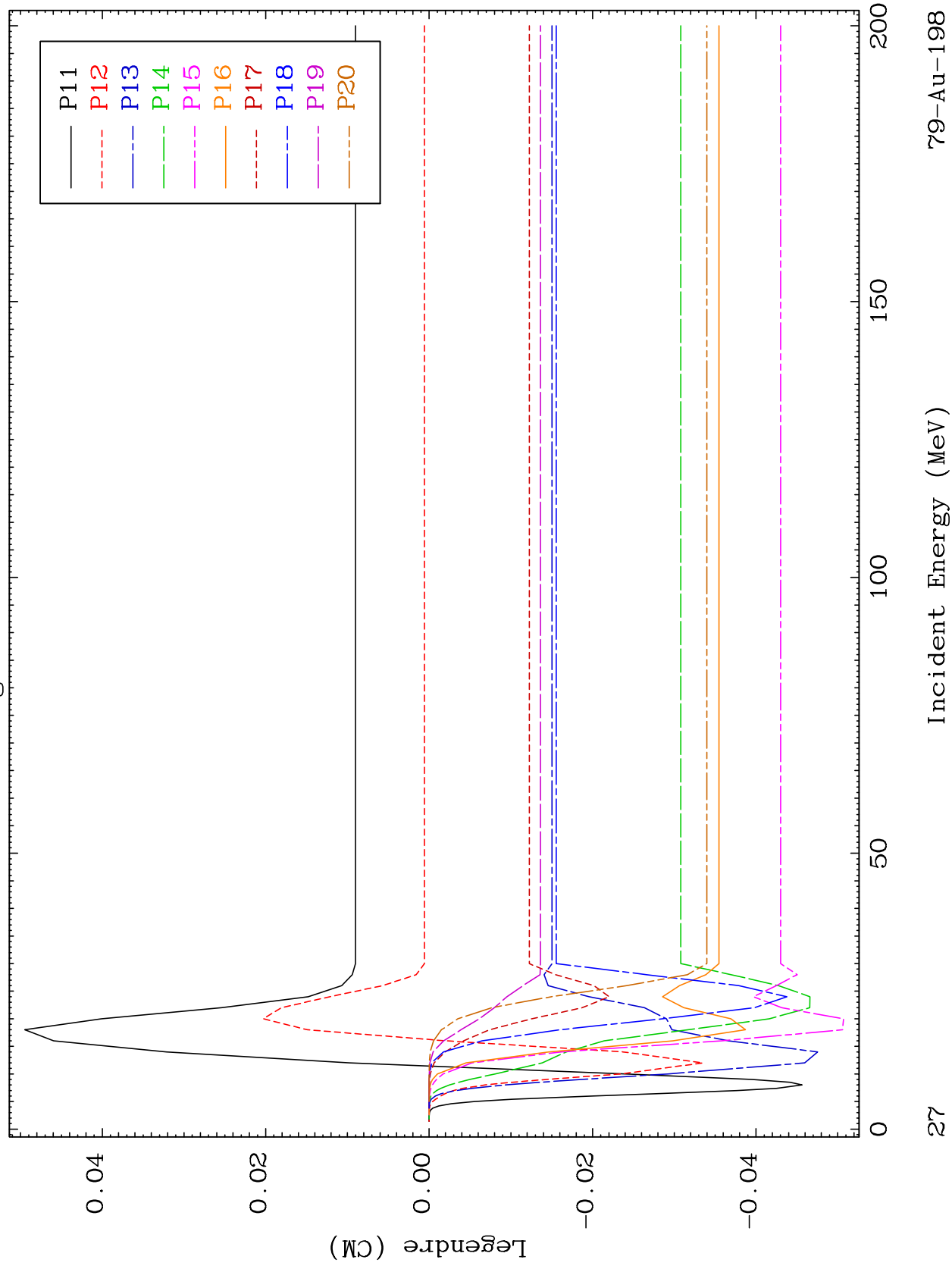
79-Au-198

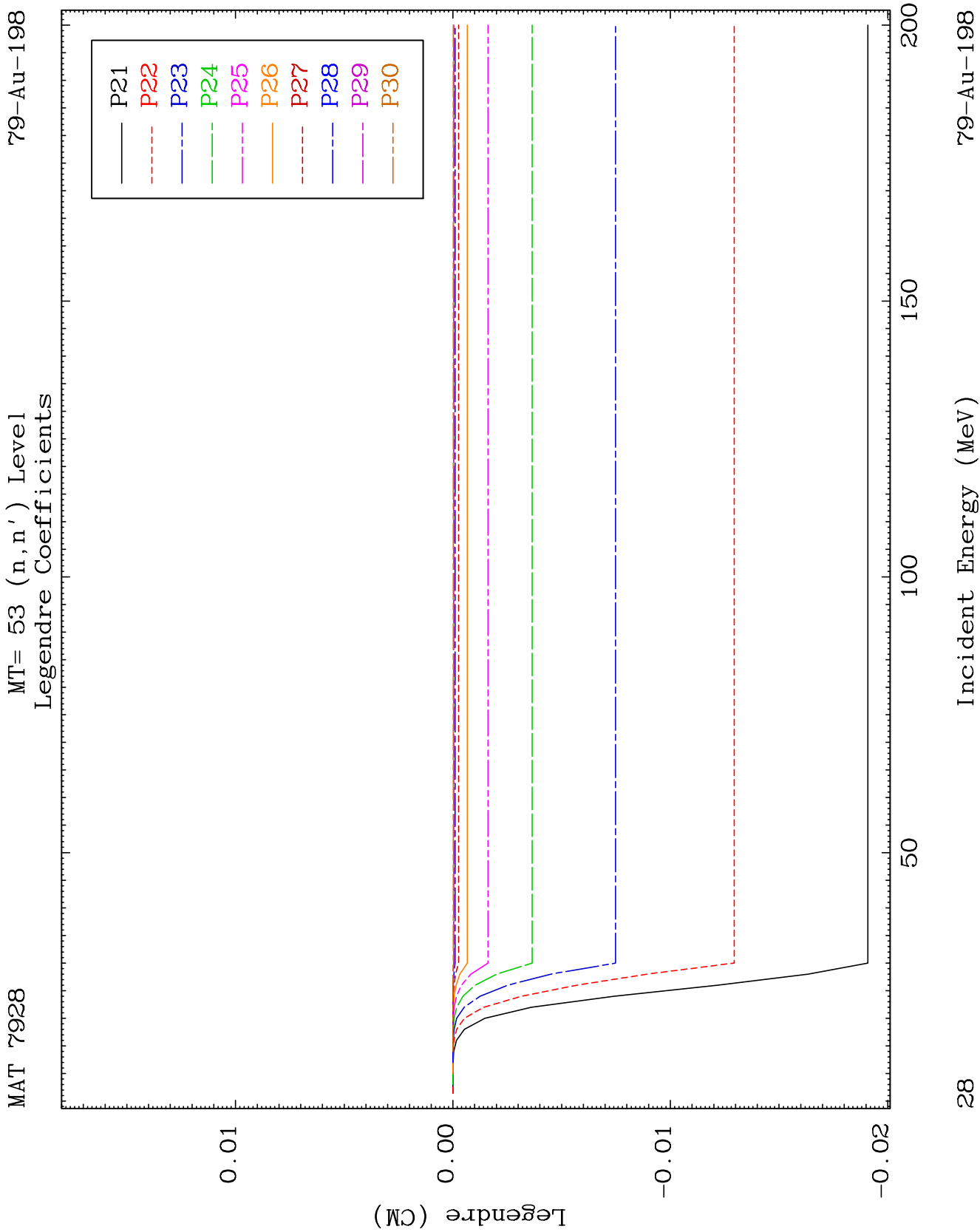


MAT 7928

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

79-Au-198

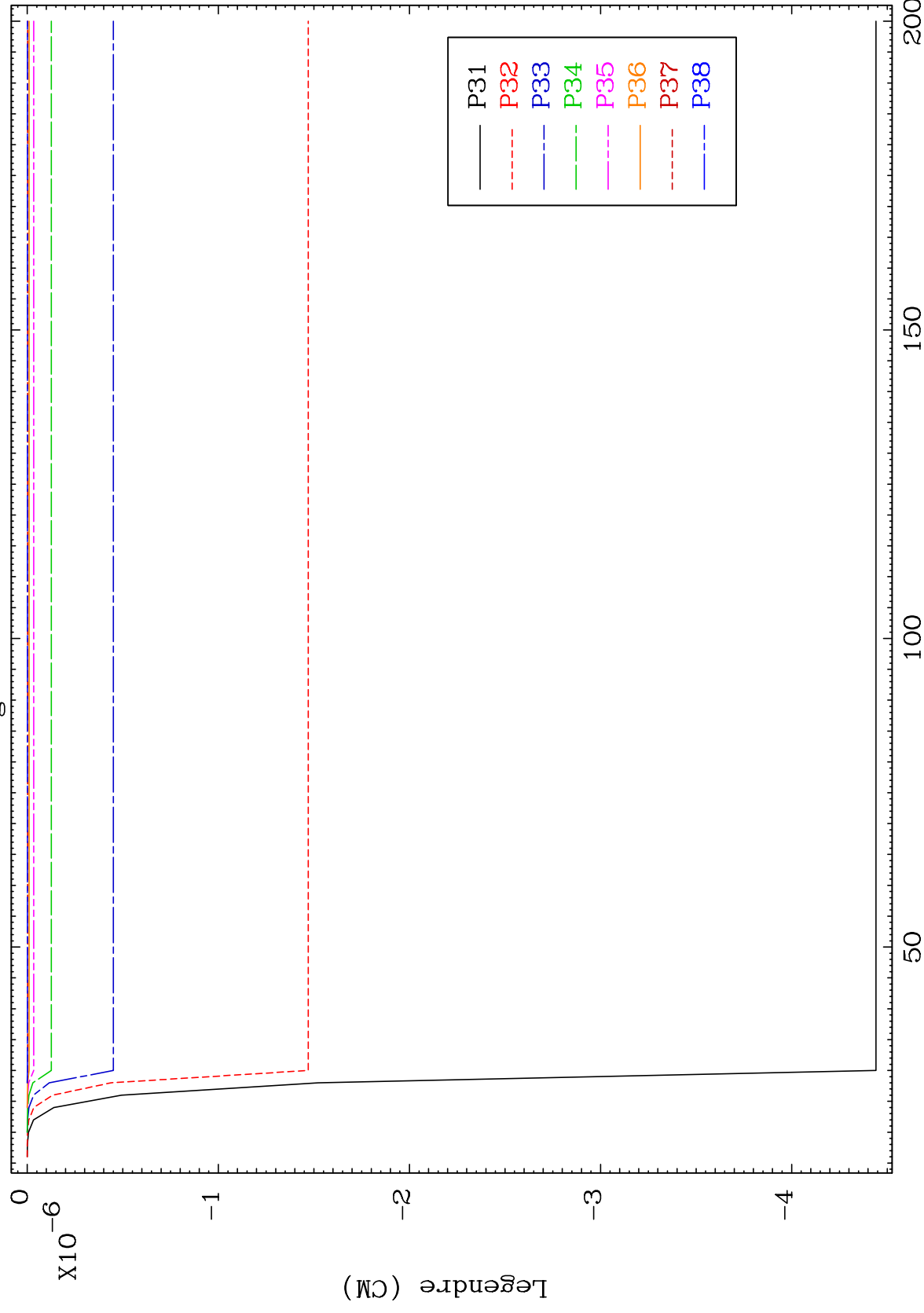




MAT 7928

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

79-Au-198



22

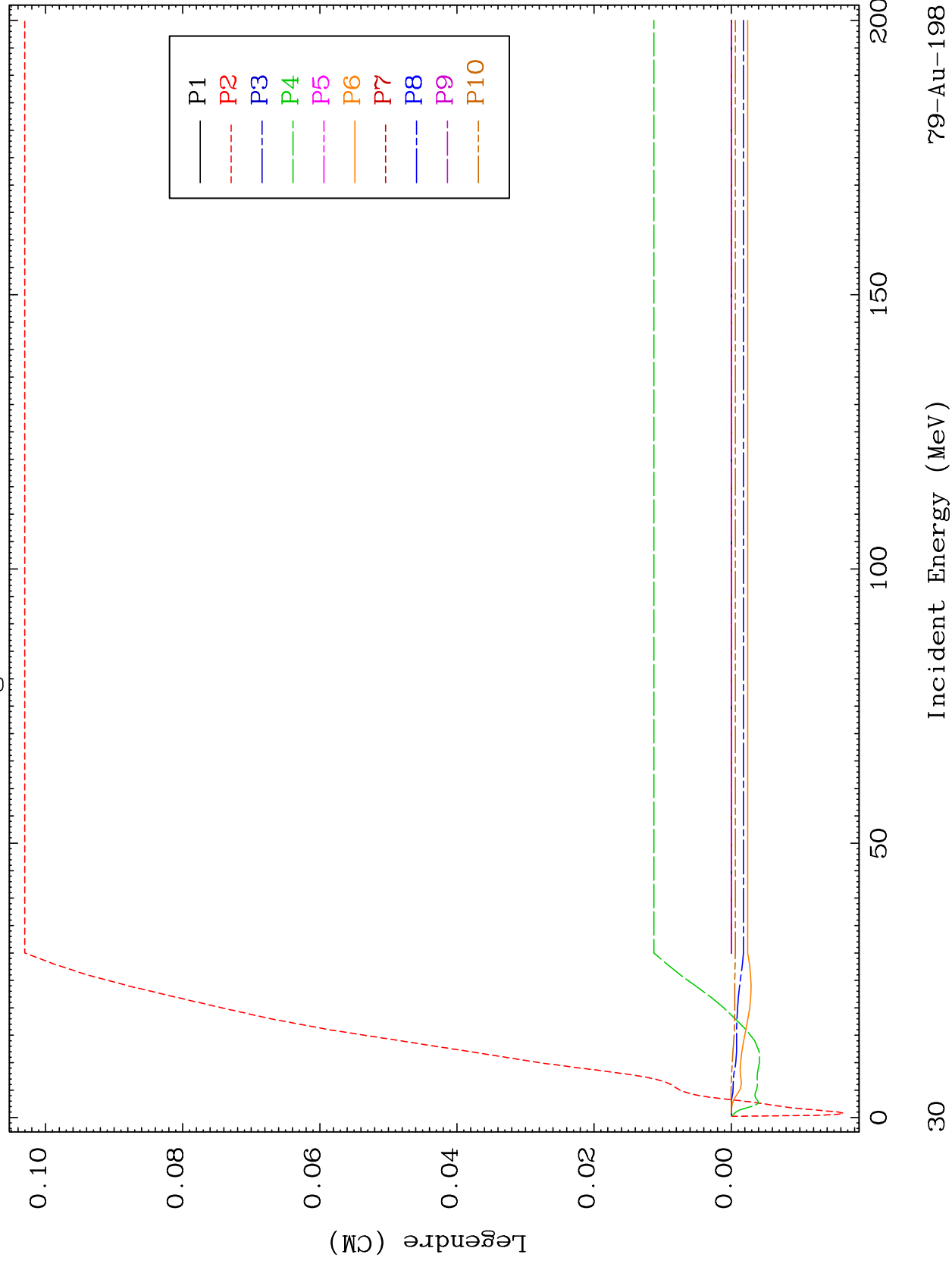
Incident Energy (MeV)

79-Au-198

MAT 7928

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

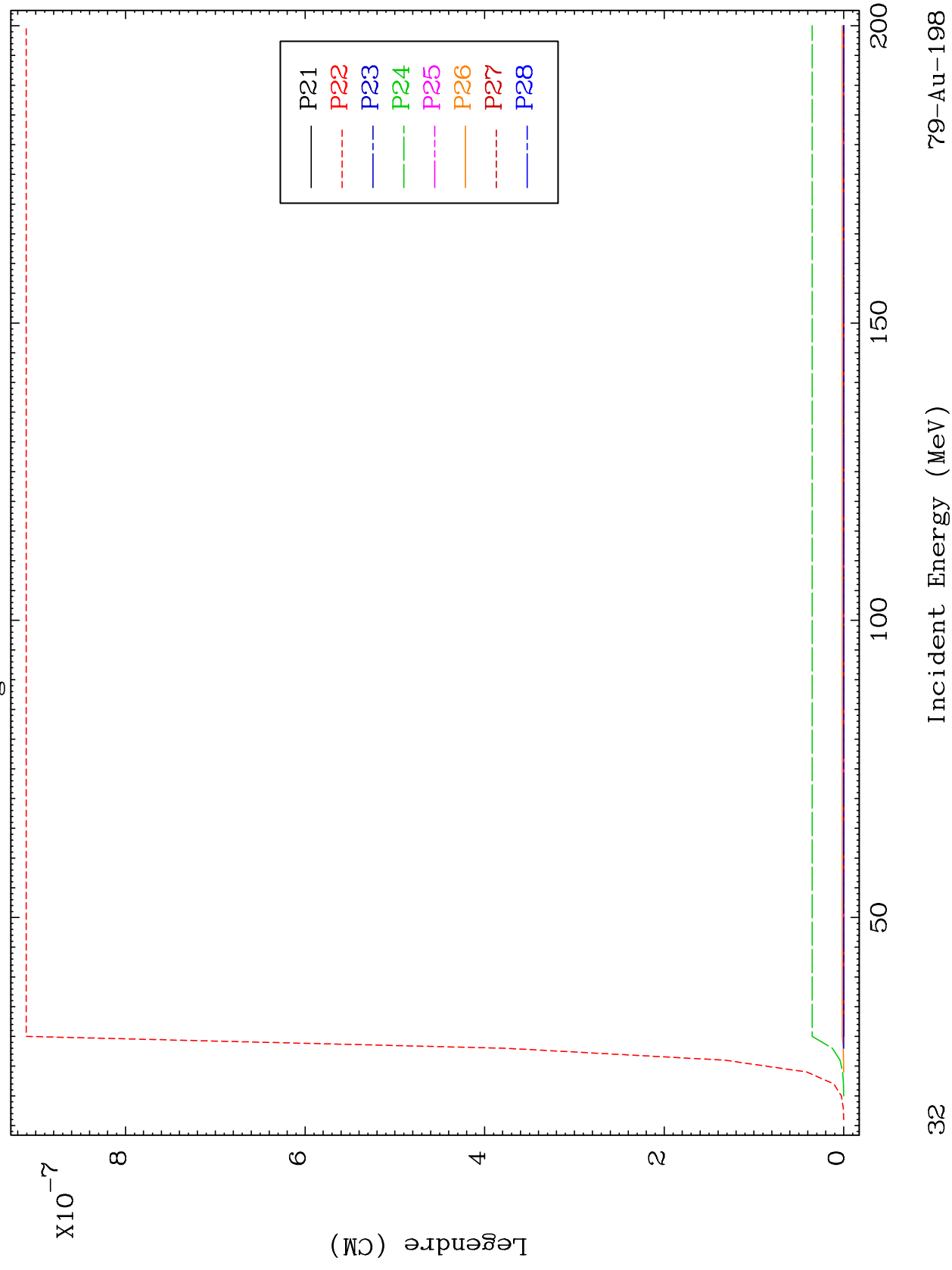
79-Au-198

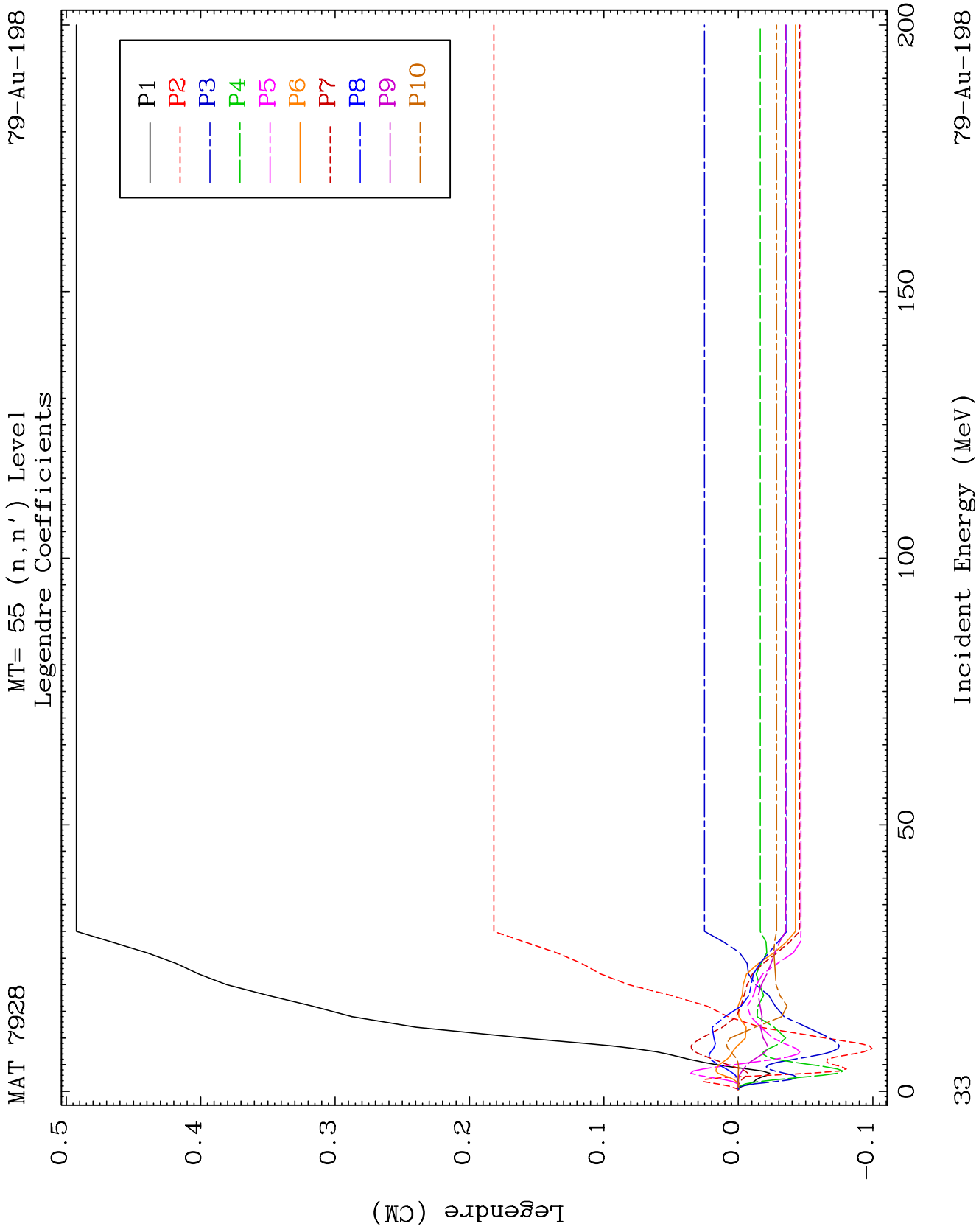


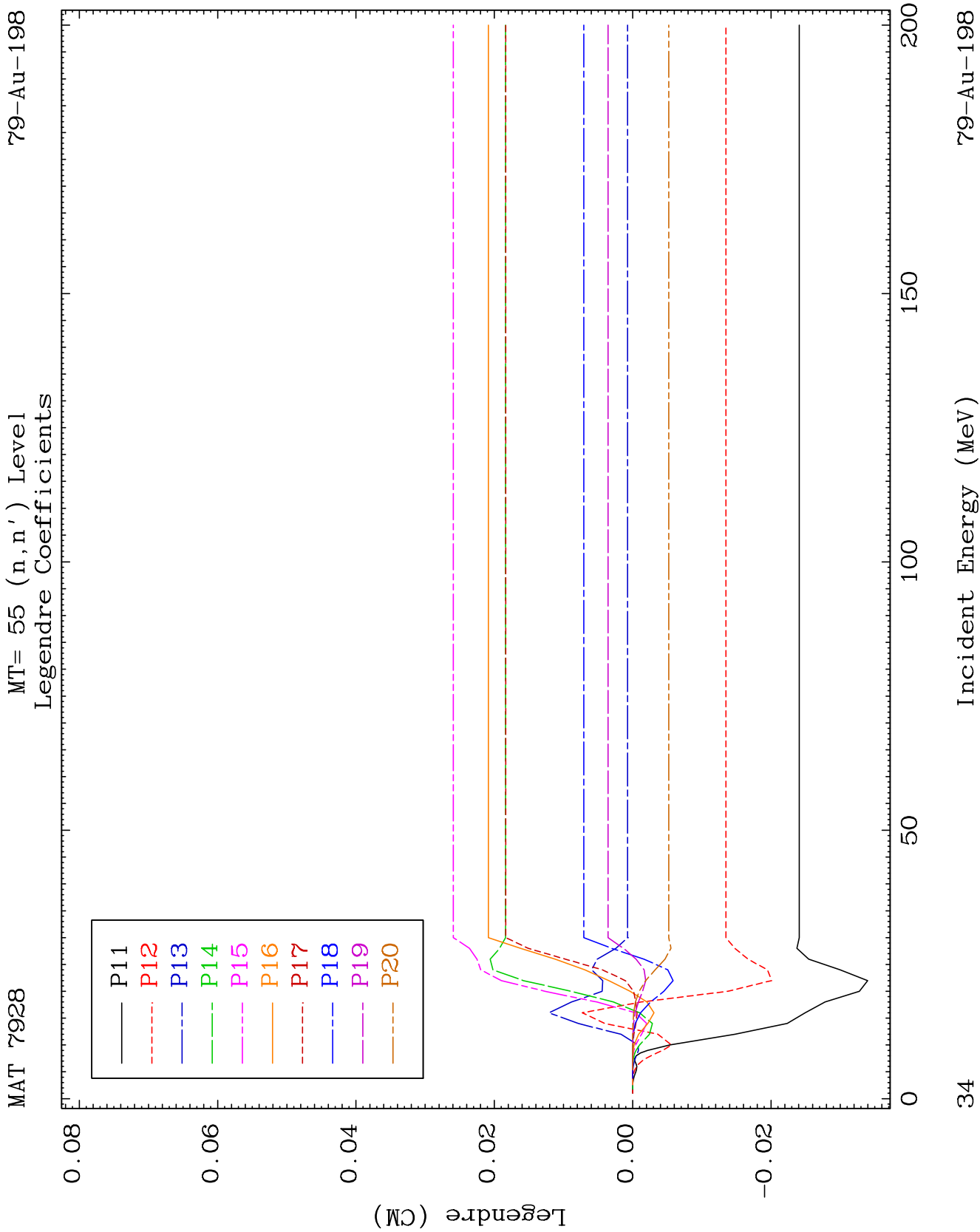
MAT 7928

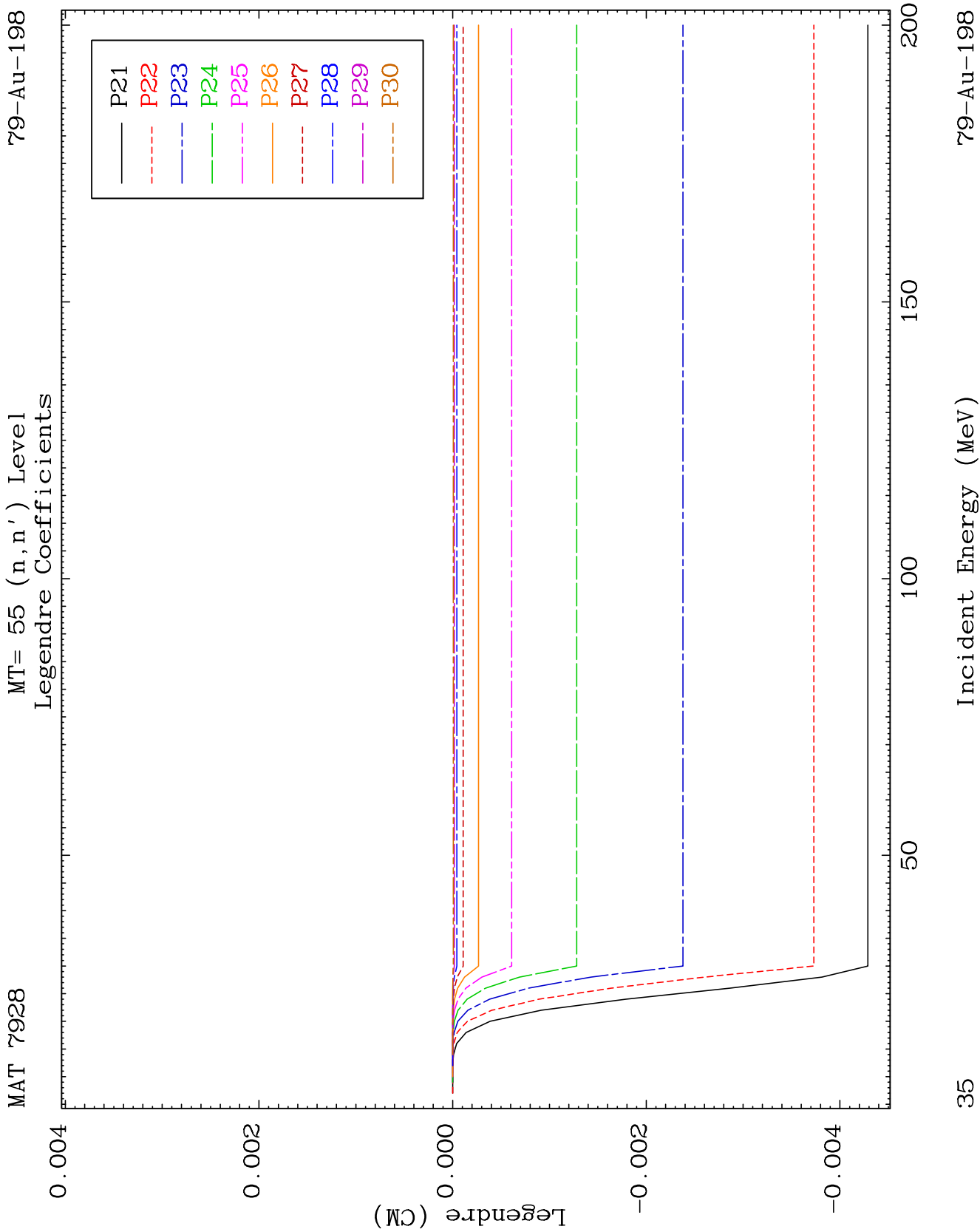
MT= 54 (n, n') Level
Legendre Coefficients

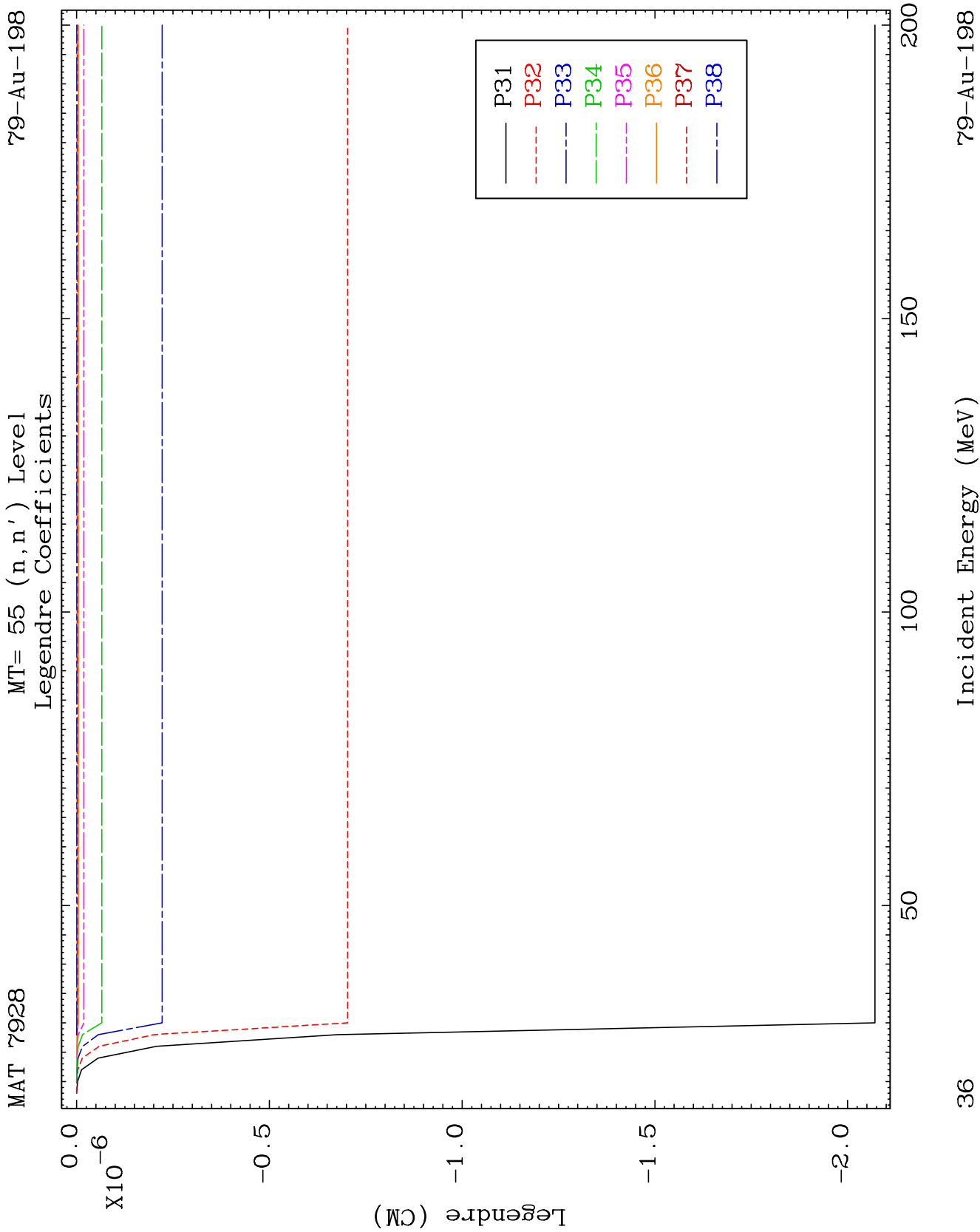
79-Au-198







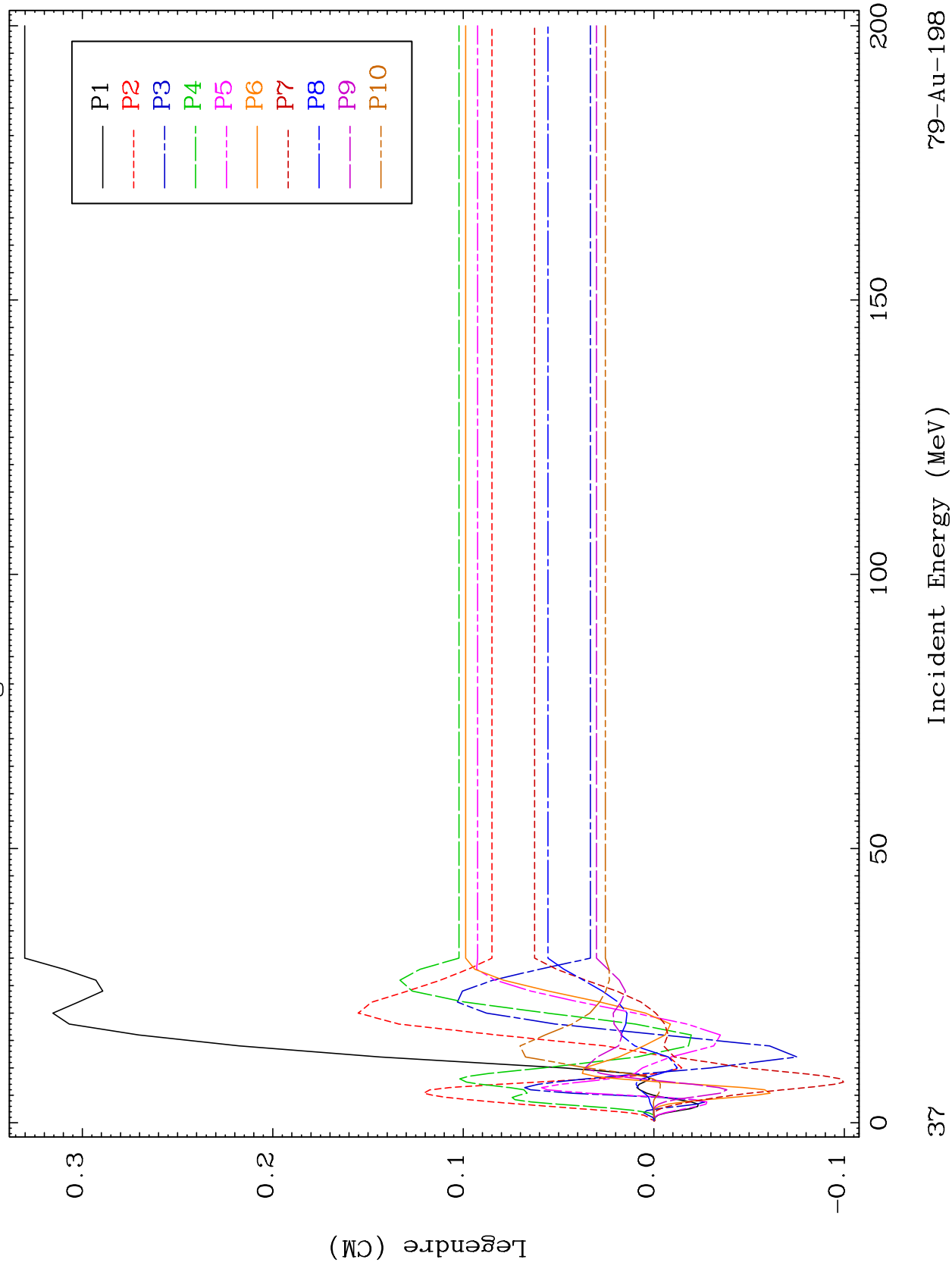




MAT 7928

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

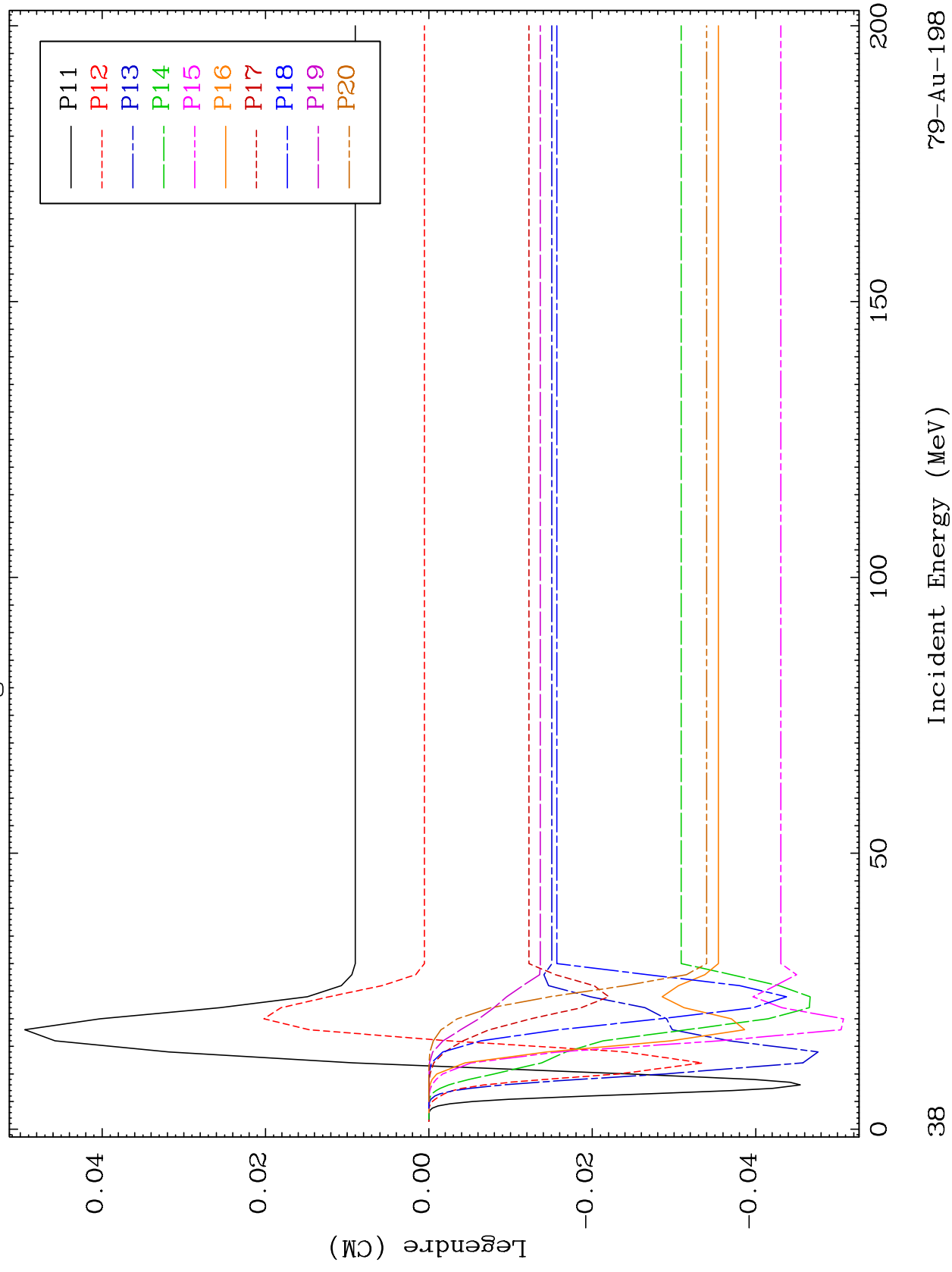
79-Au-198



MAT 7928

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

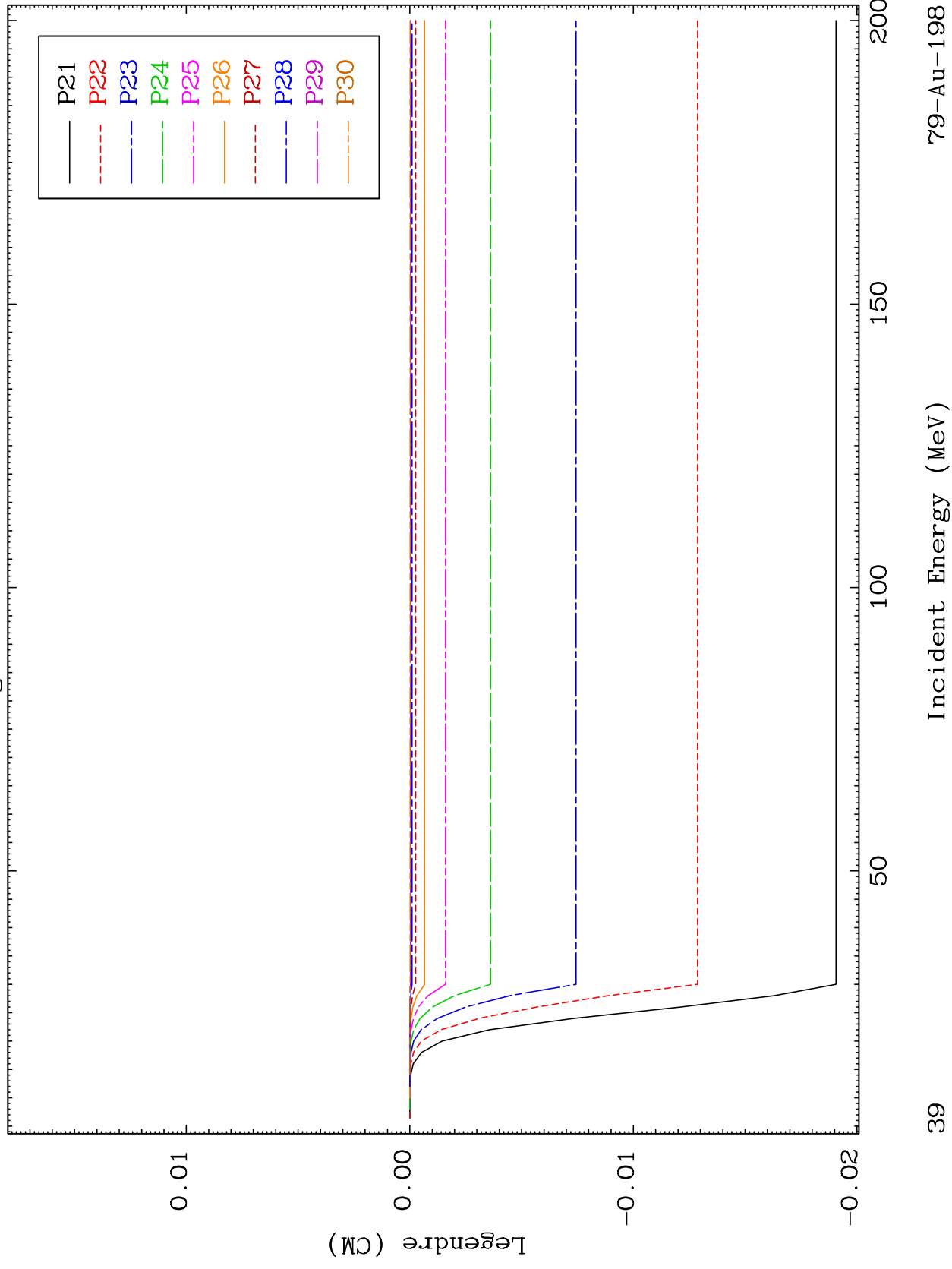
79-Au-198

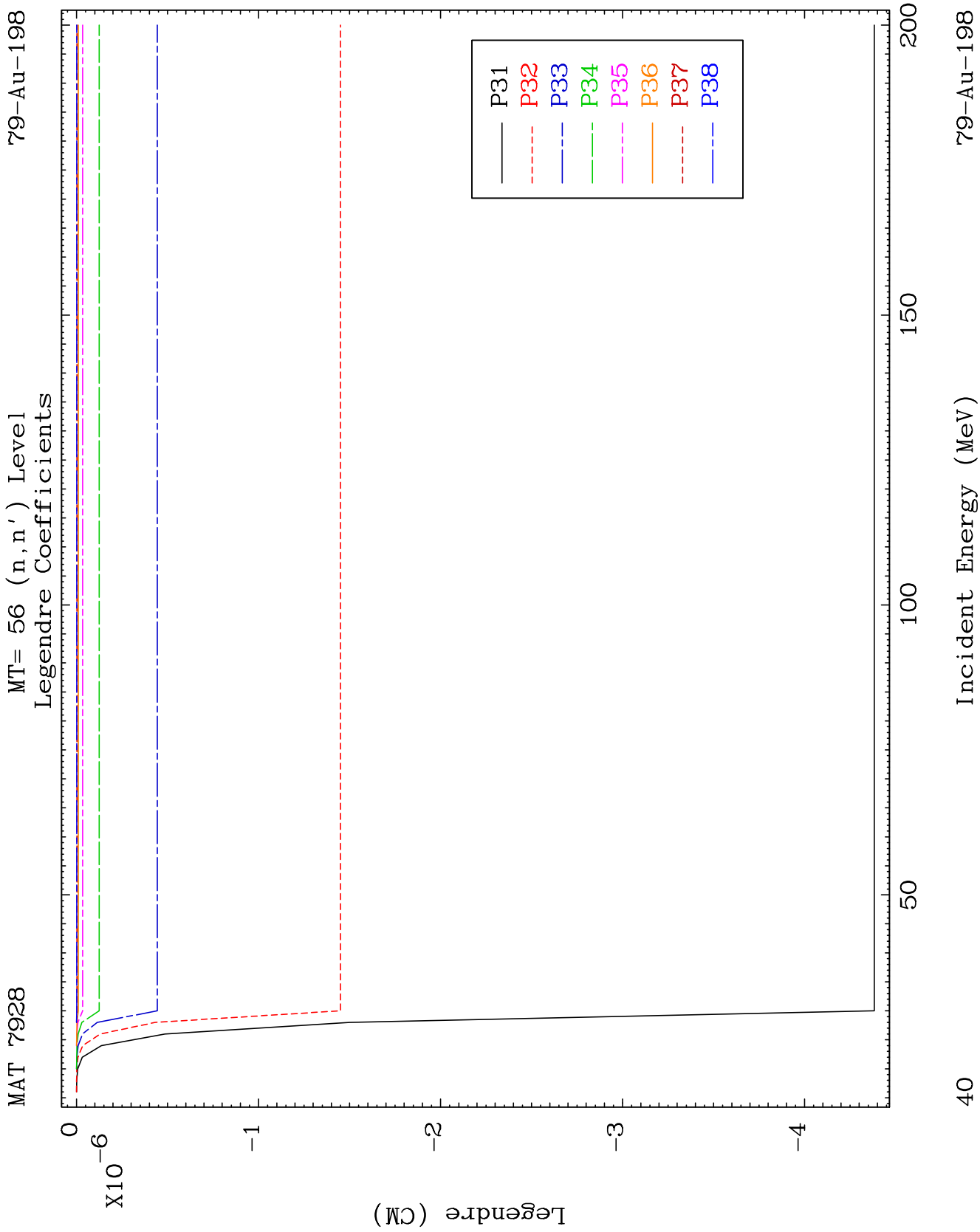


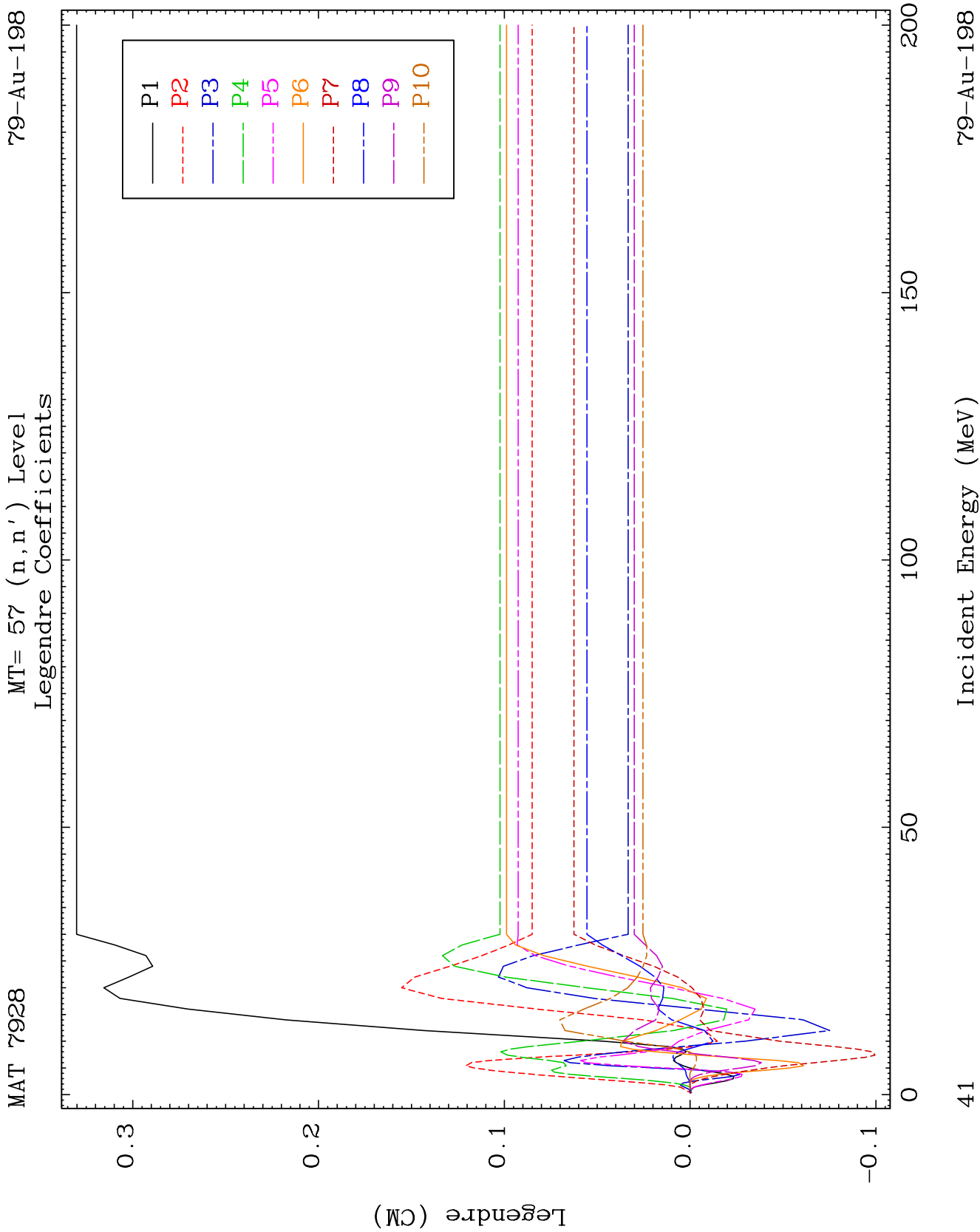
MAT 7928

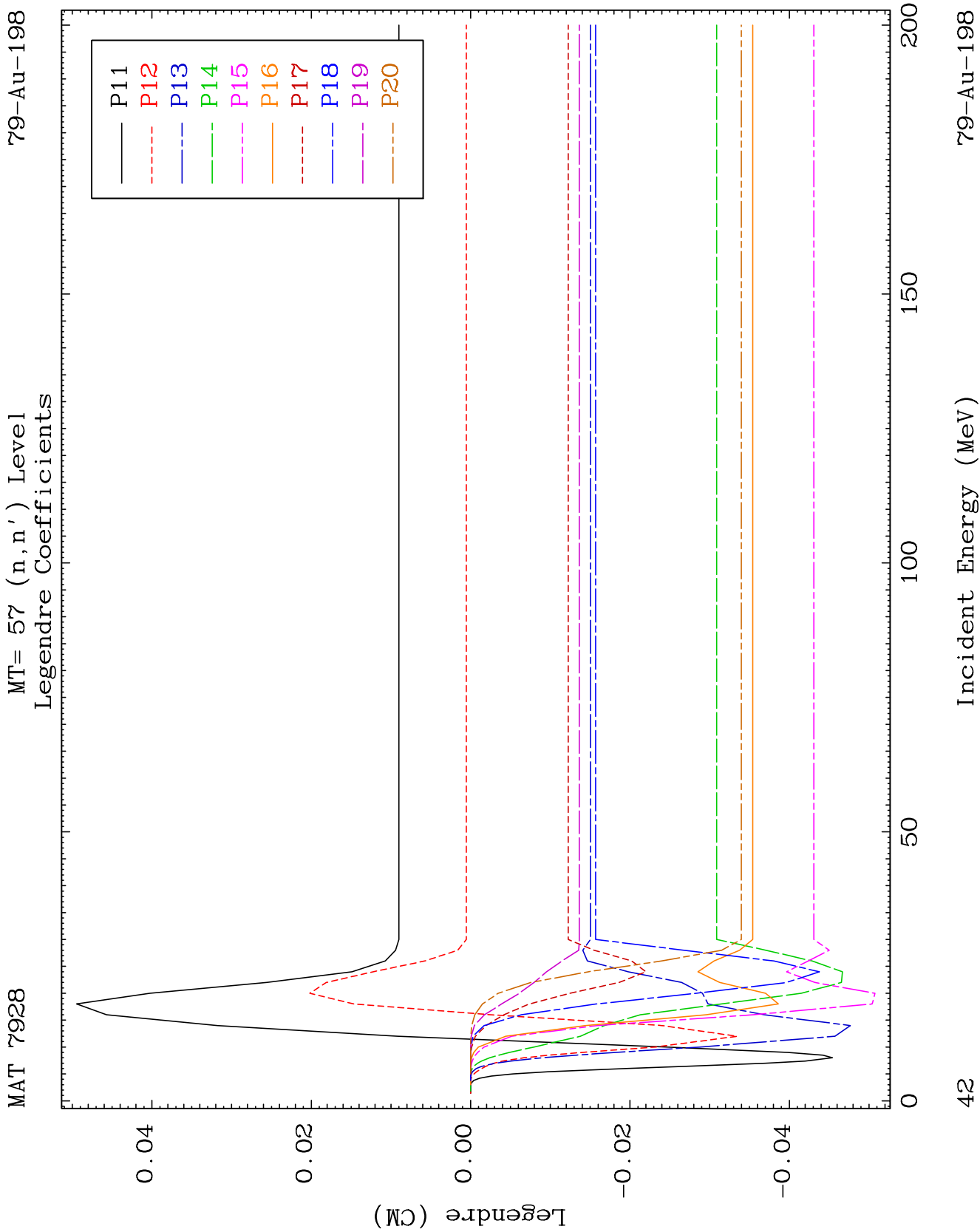
MT= 56 (n, n') Level
Legendre Coefficients

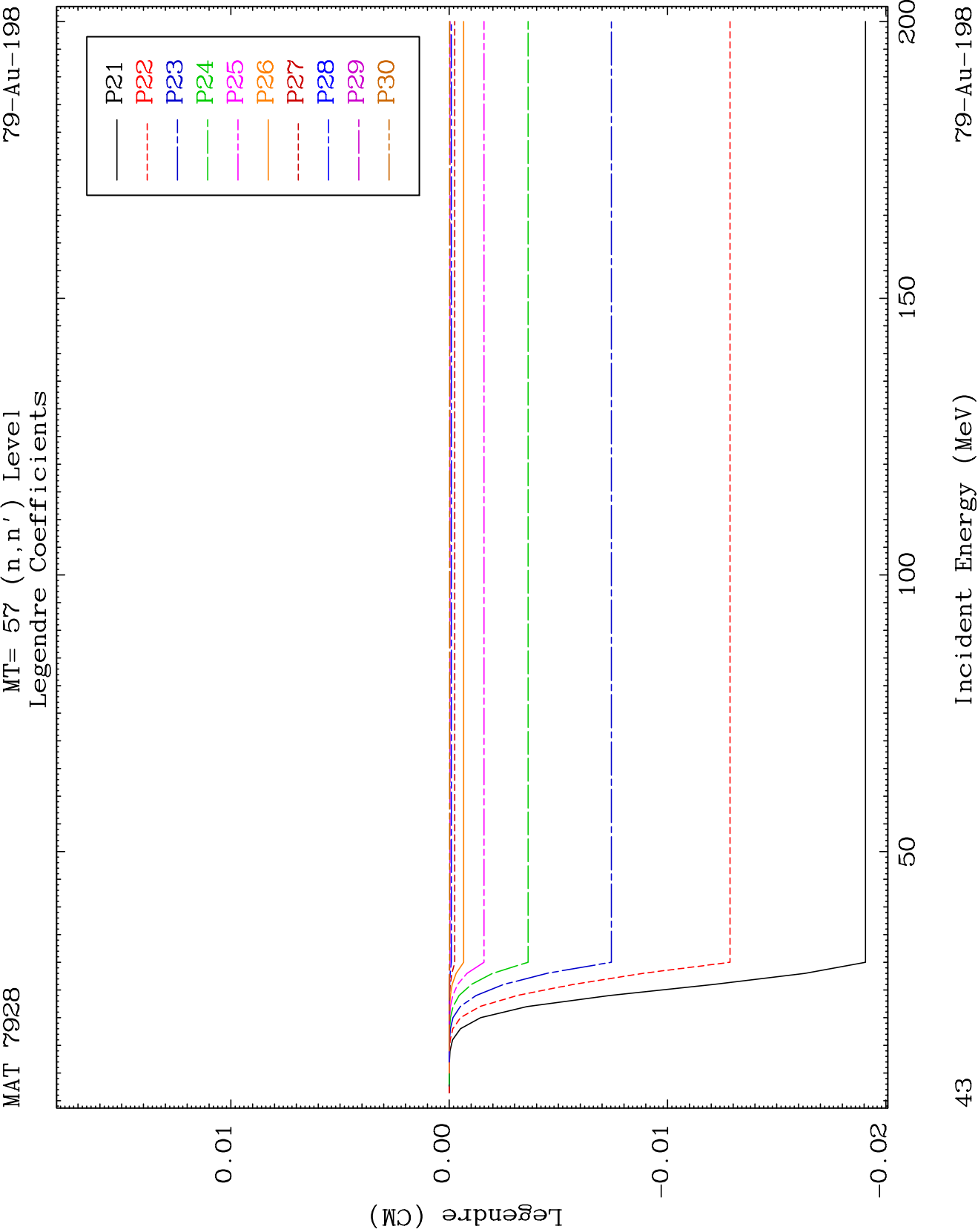
79-Au-198

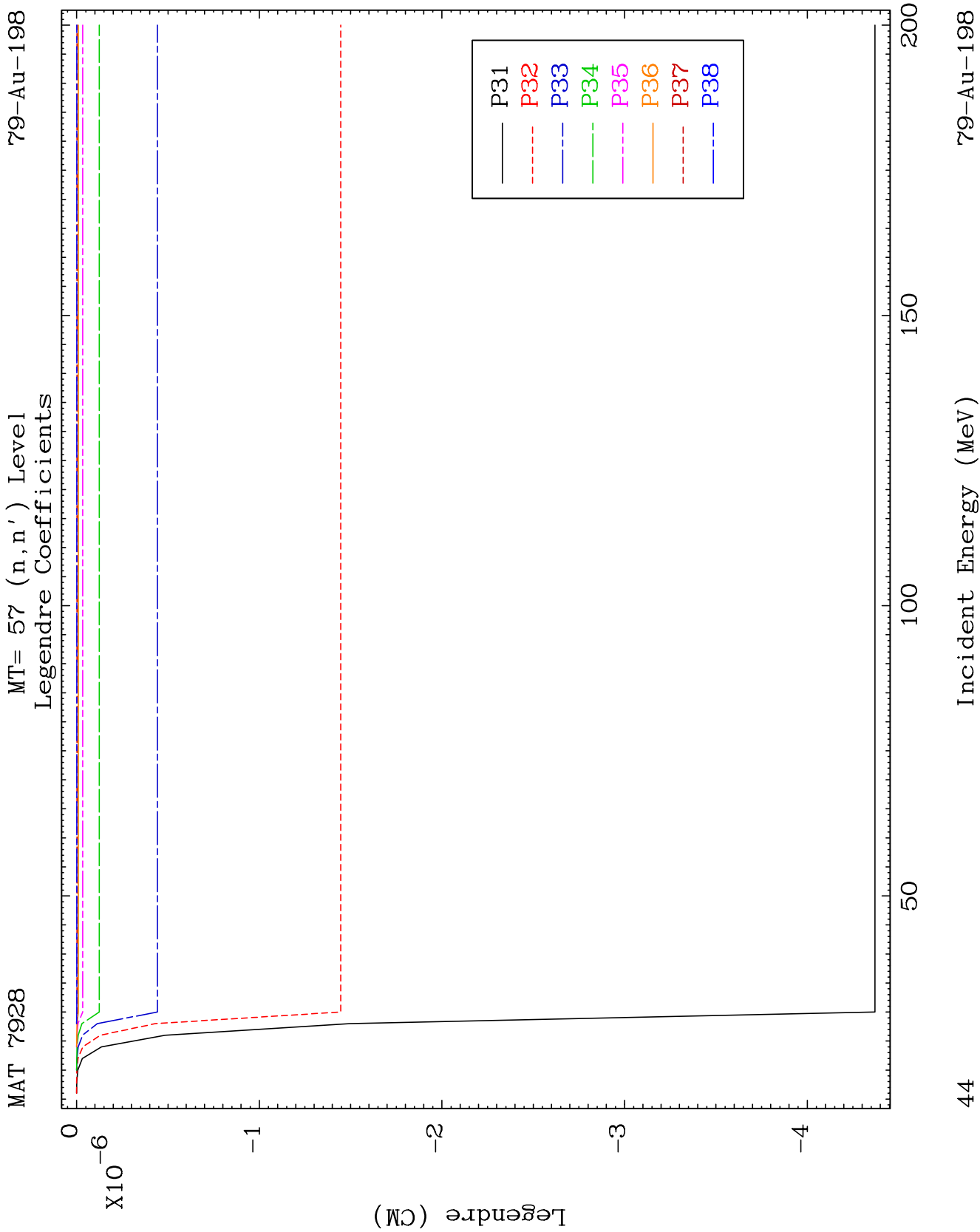








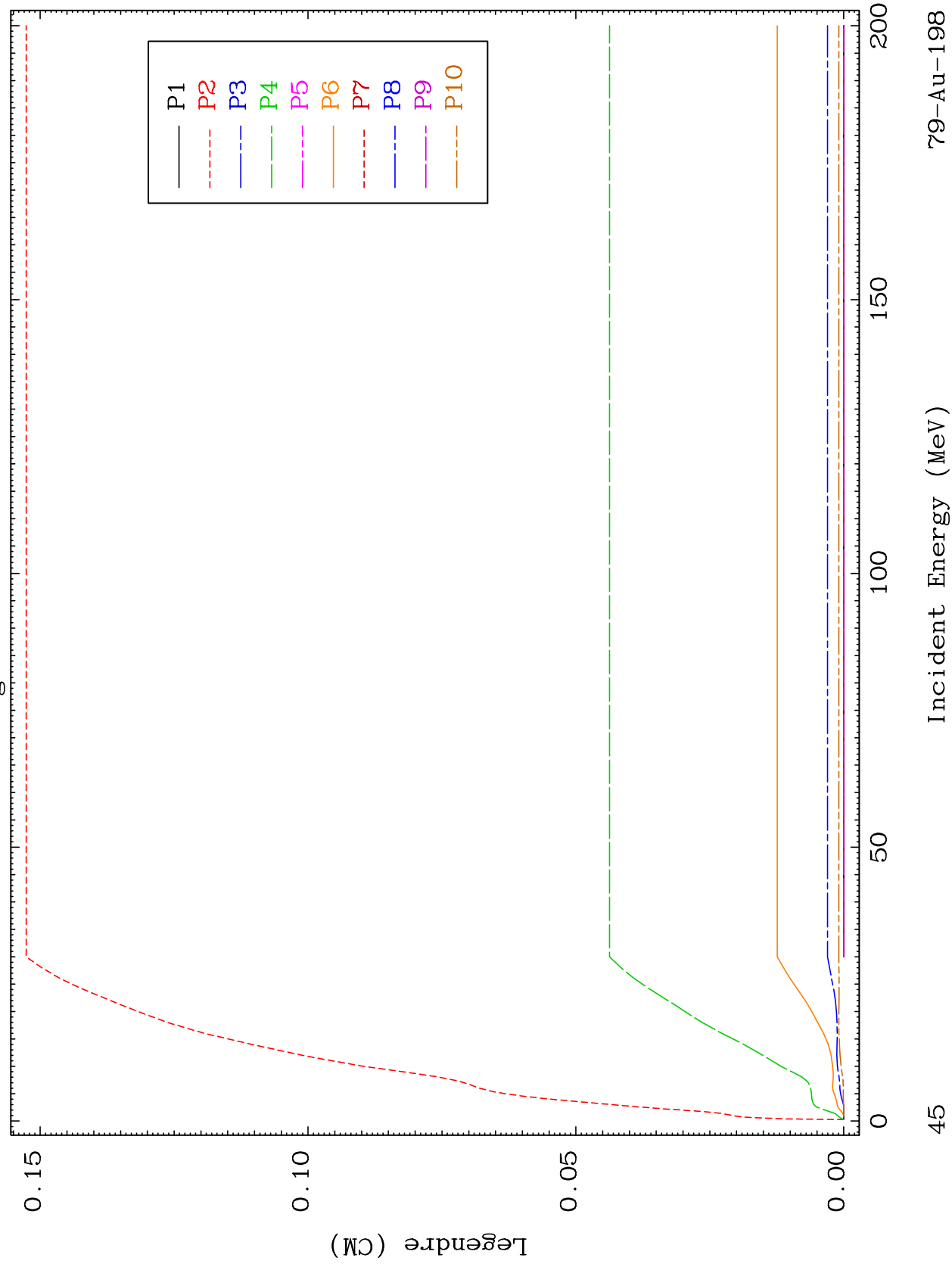


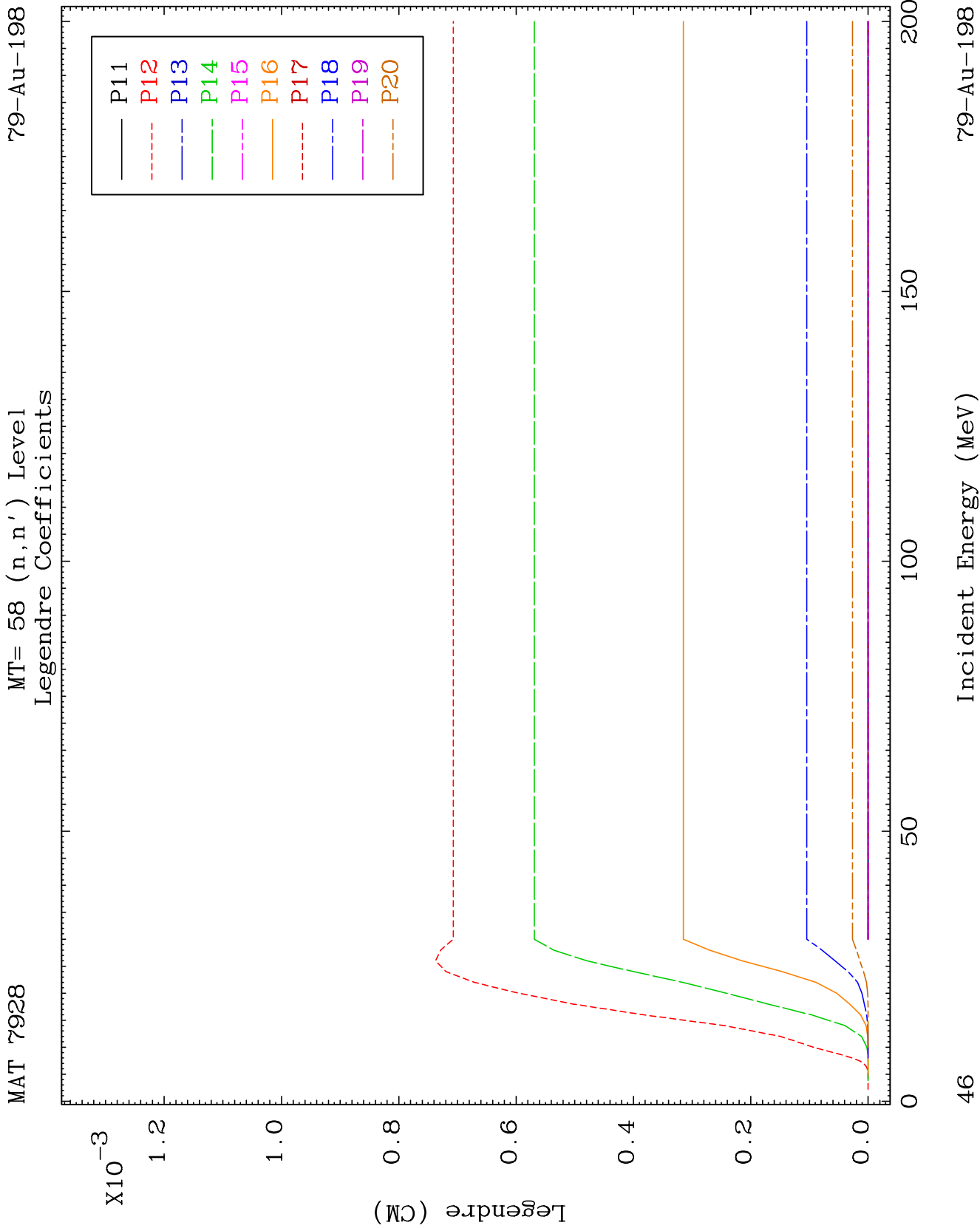


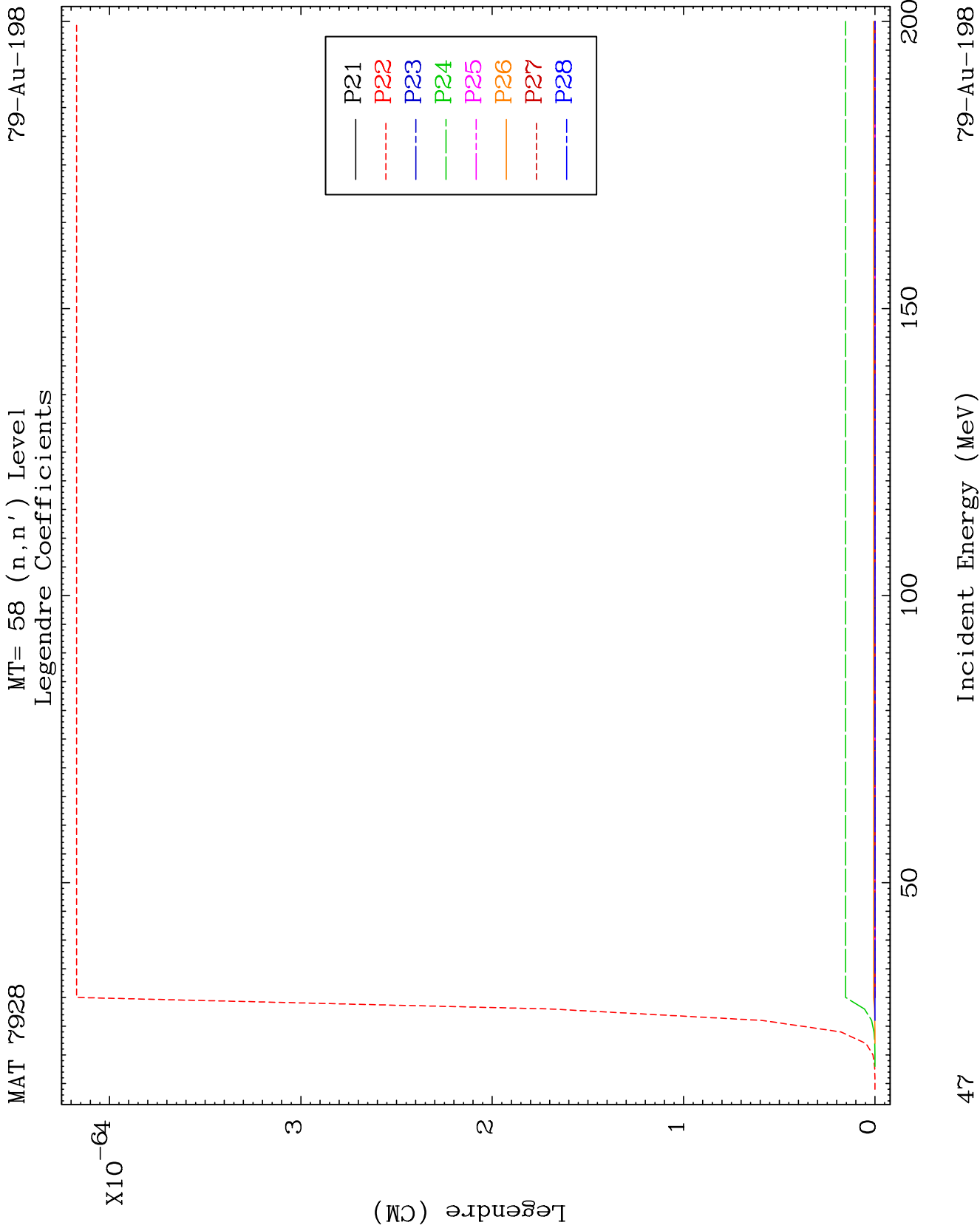
MAT 7928

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

79-Au-198



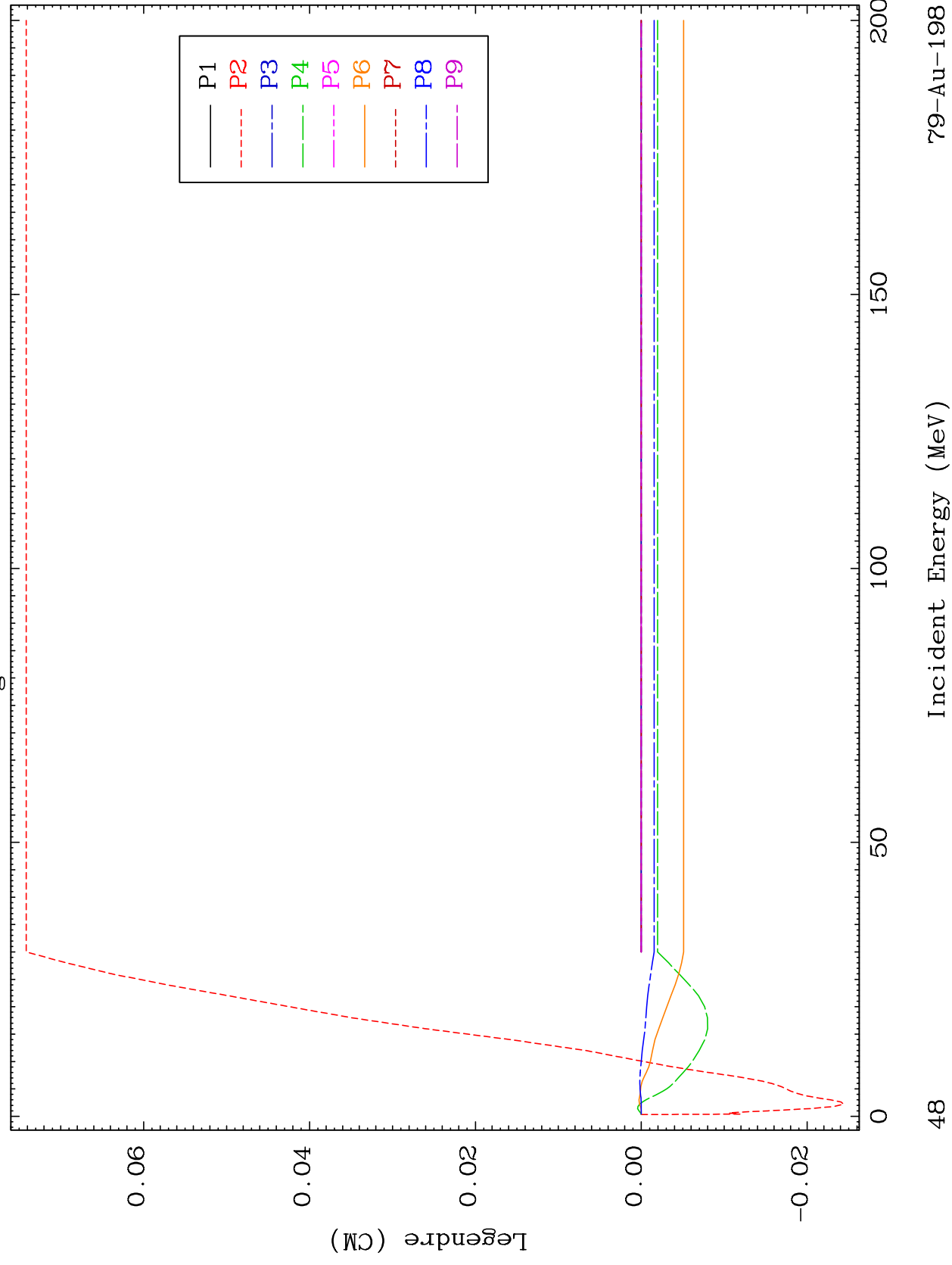


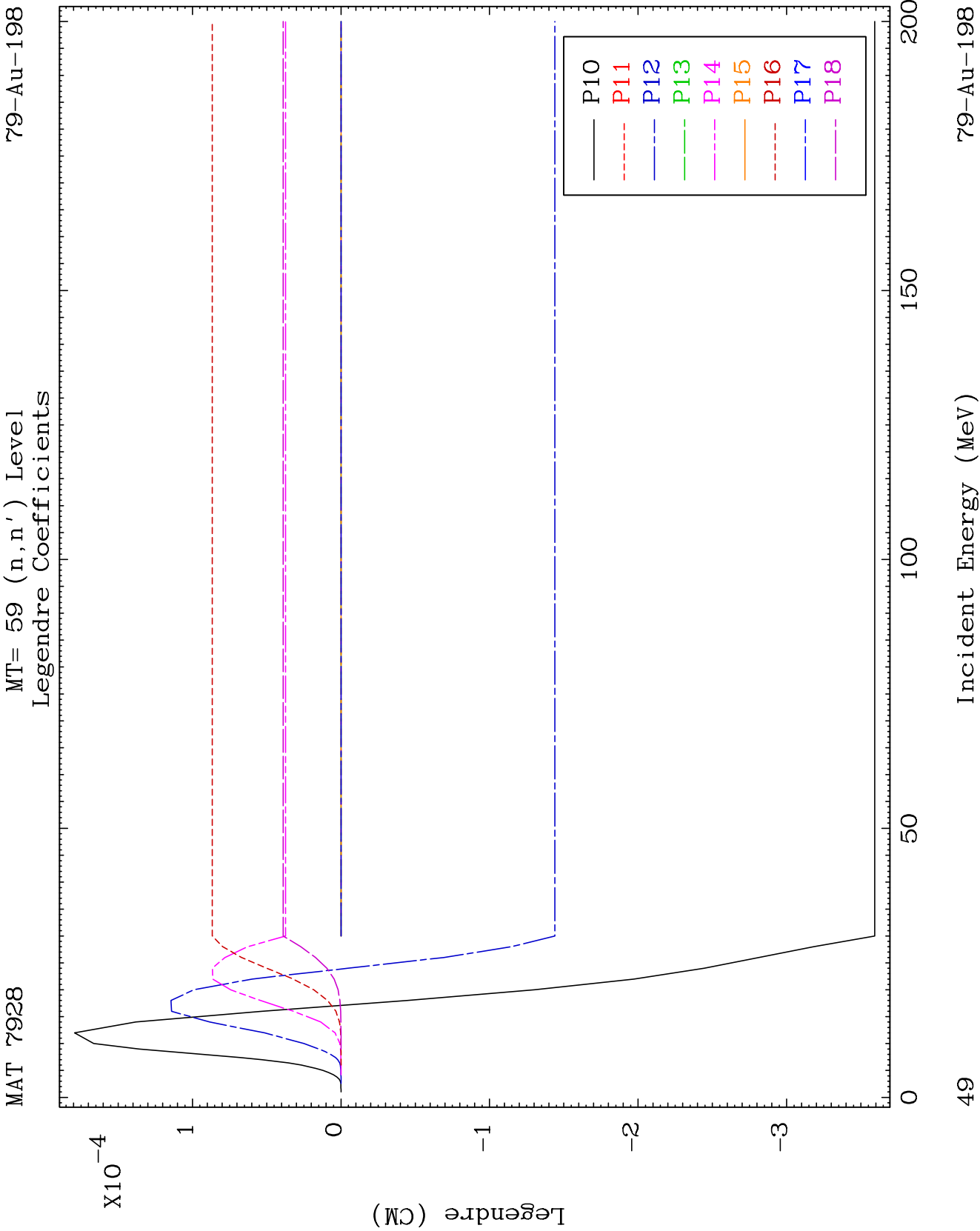


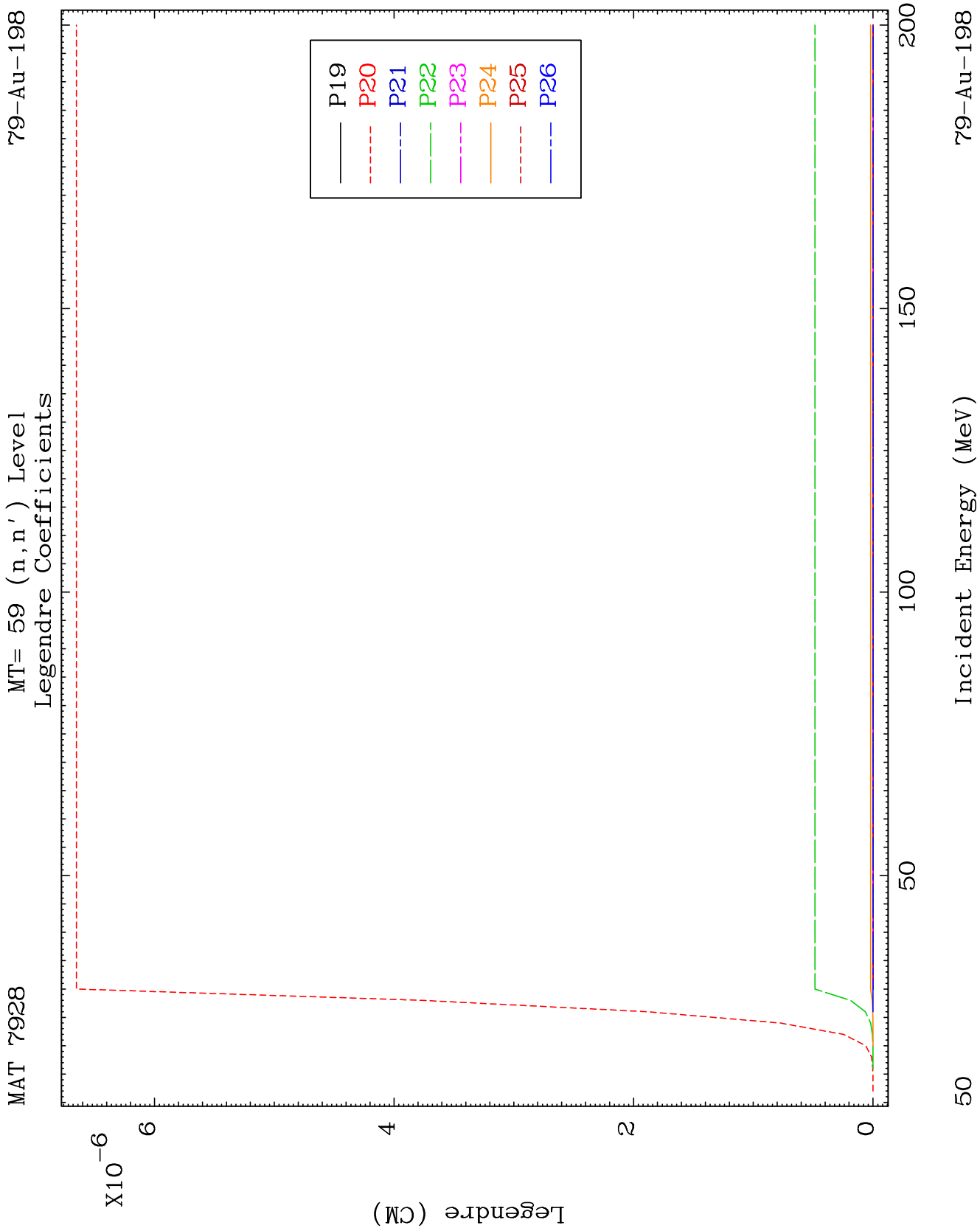
MAT 7928

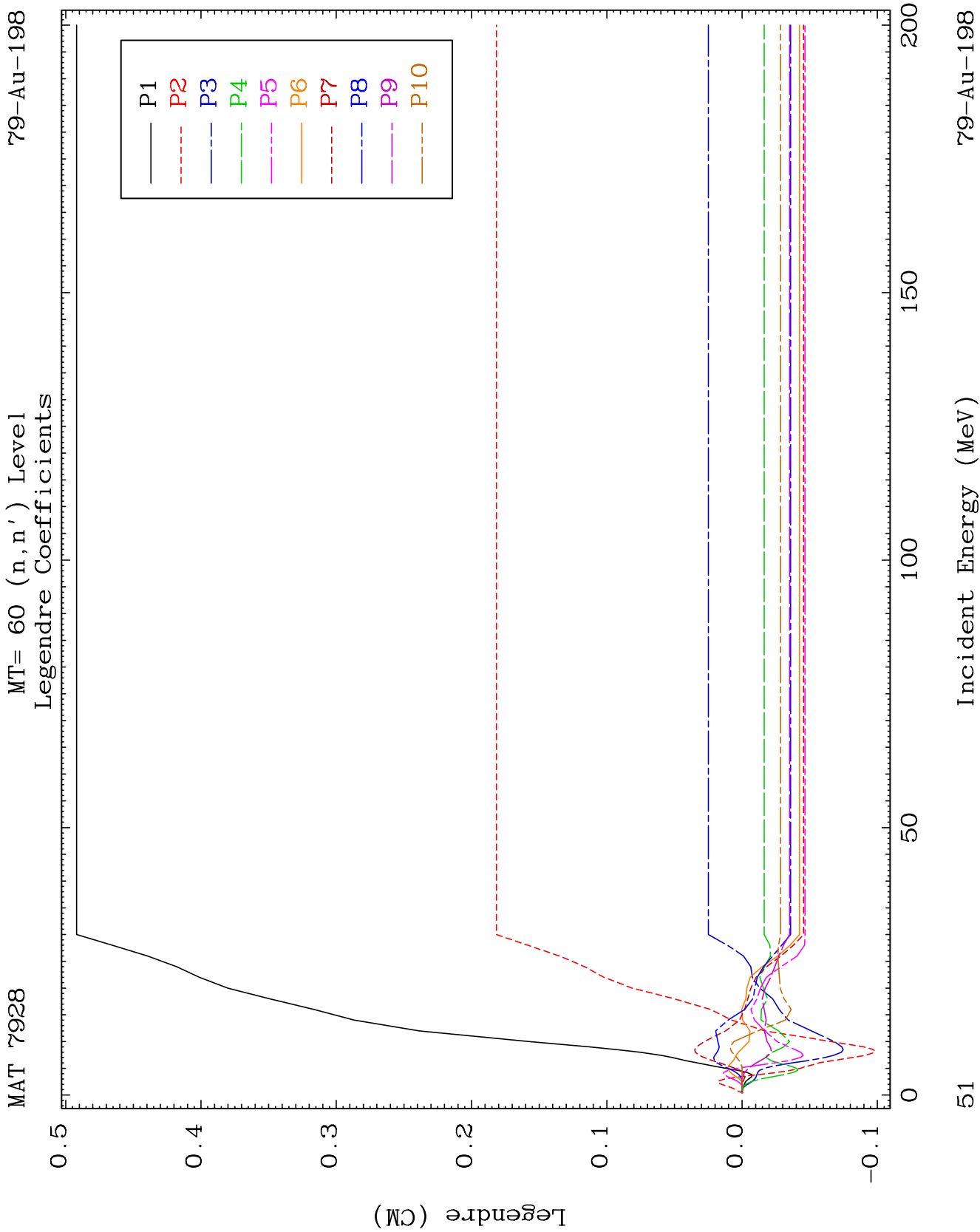
MT= 59 (n, n') Level
Legendre Coefficients

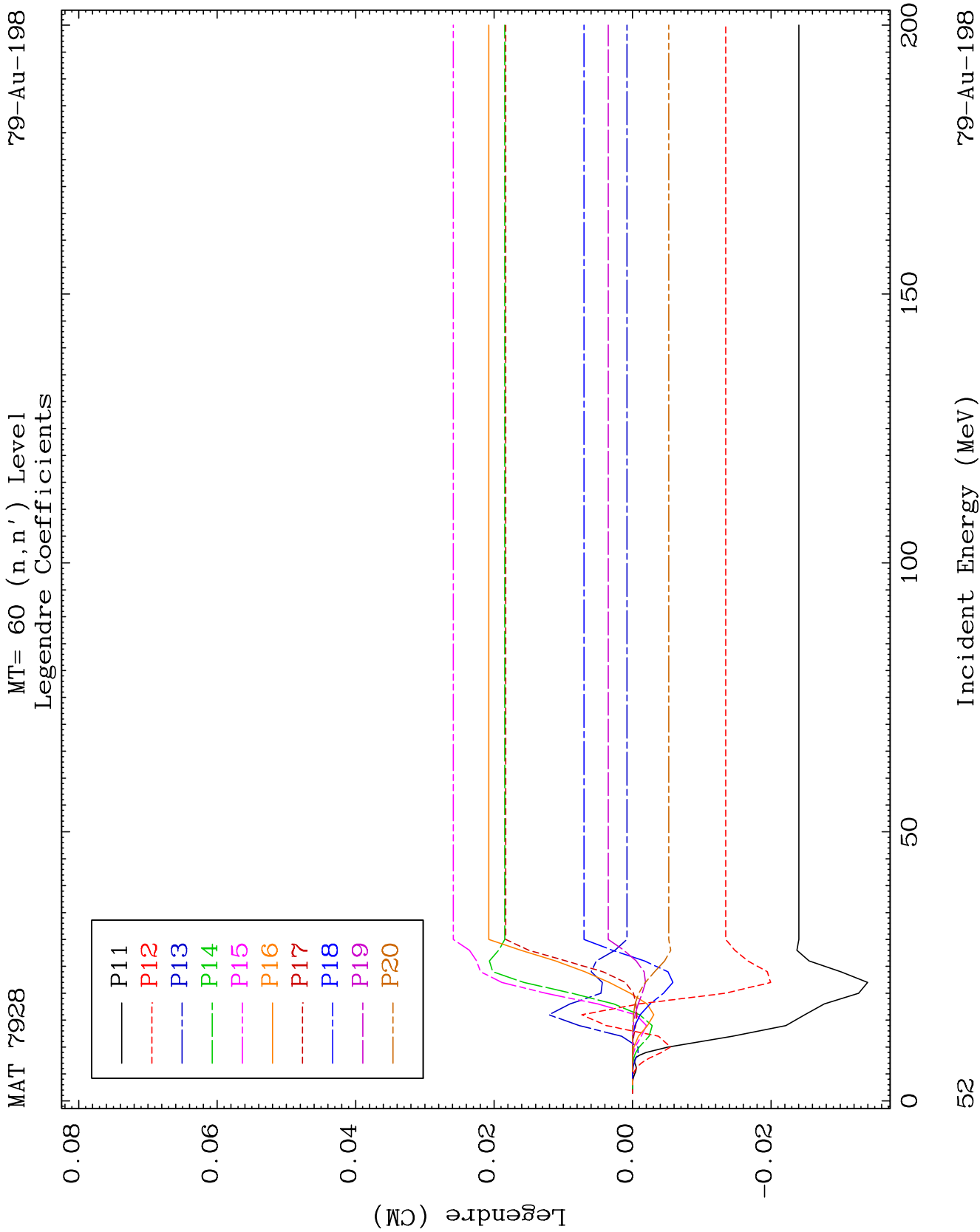
79-Au-198

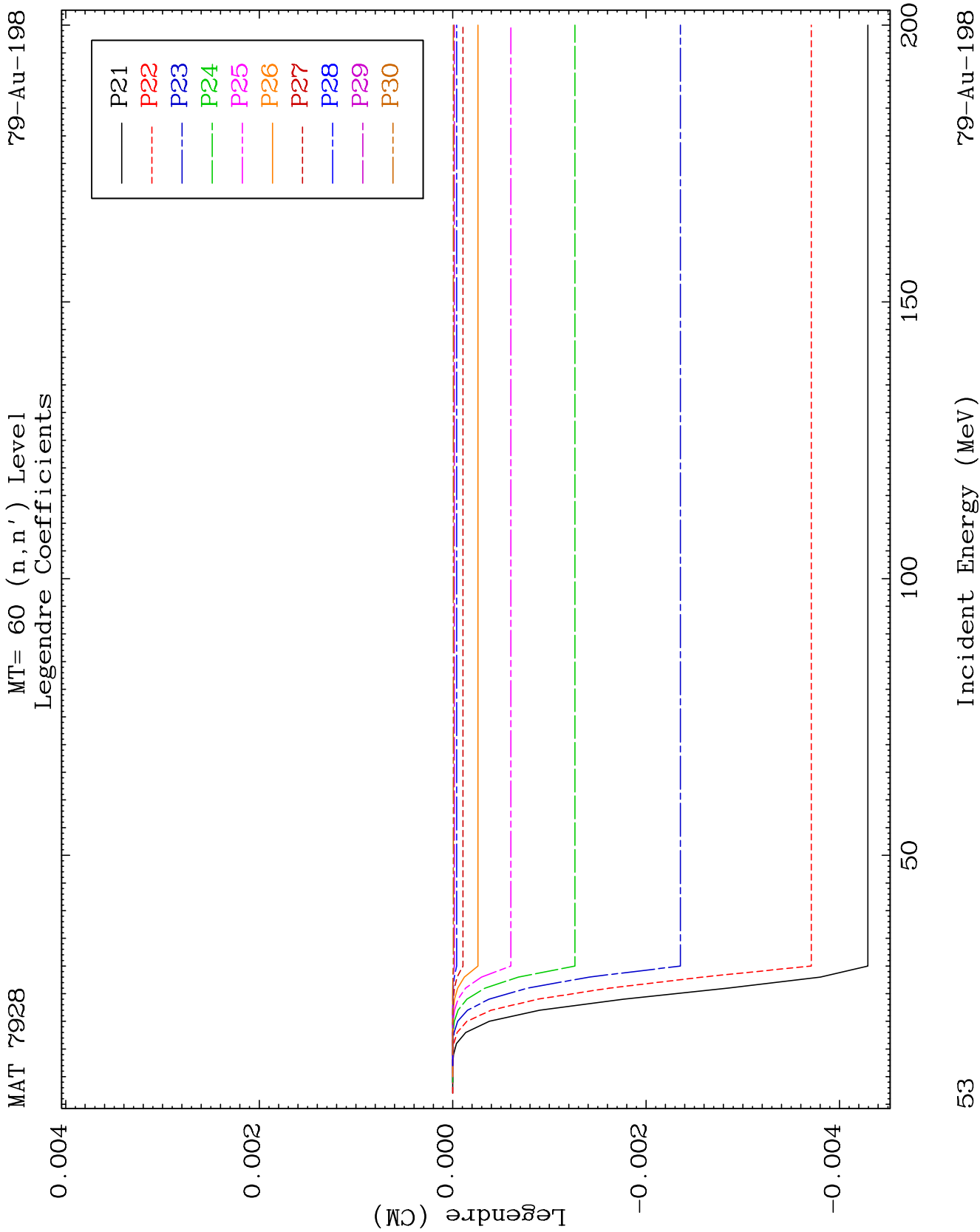








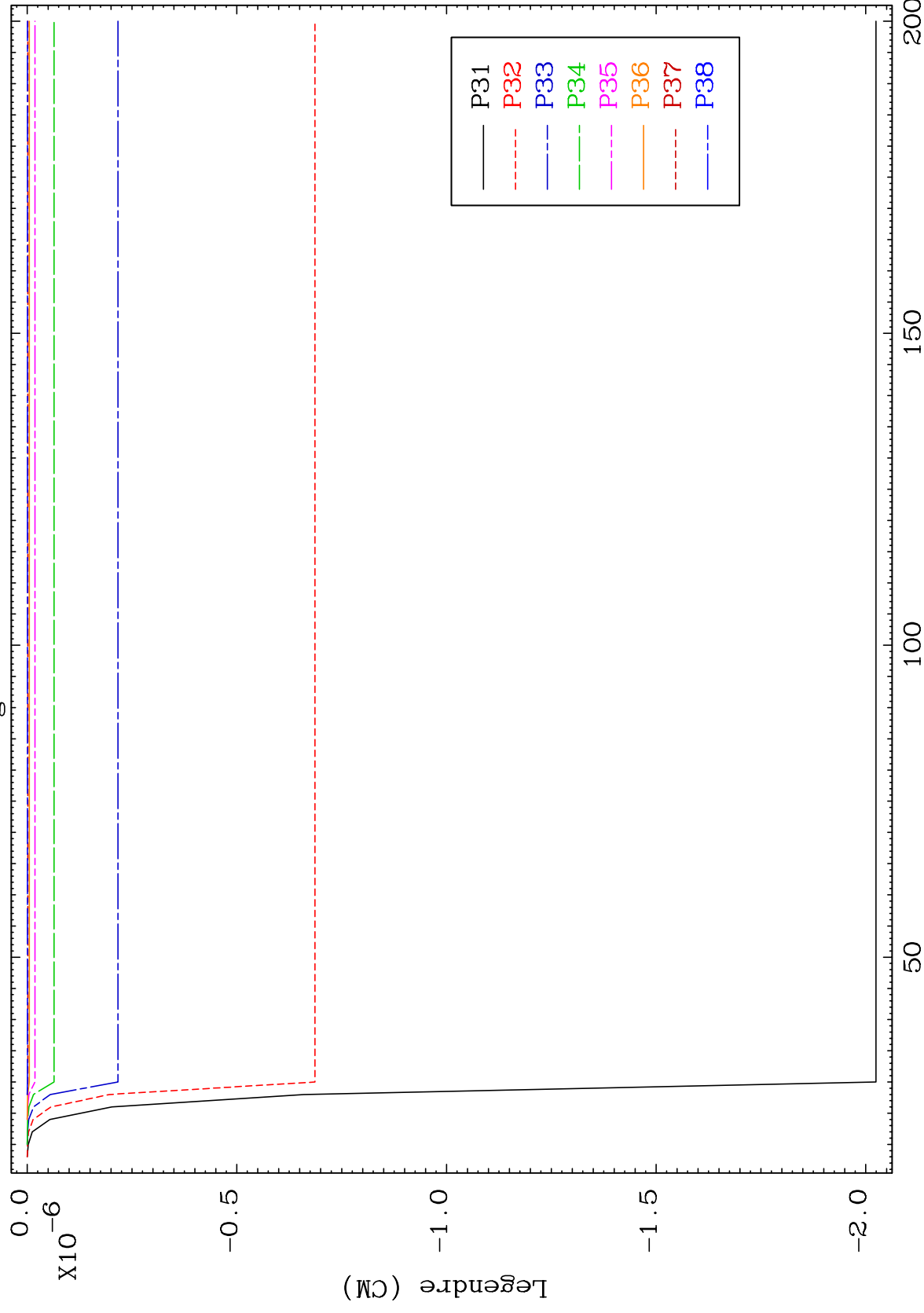




MAT 7928

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

79-Au-198



54

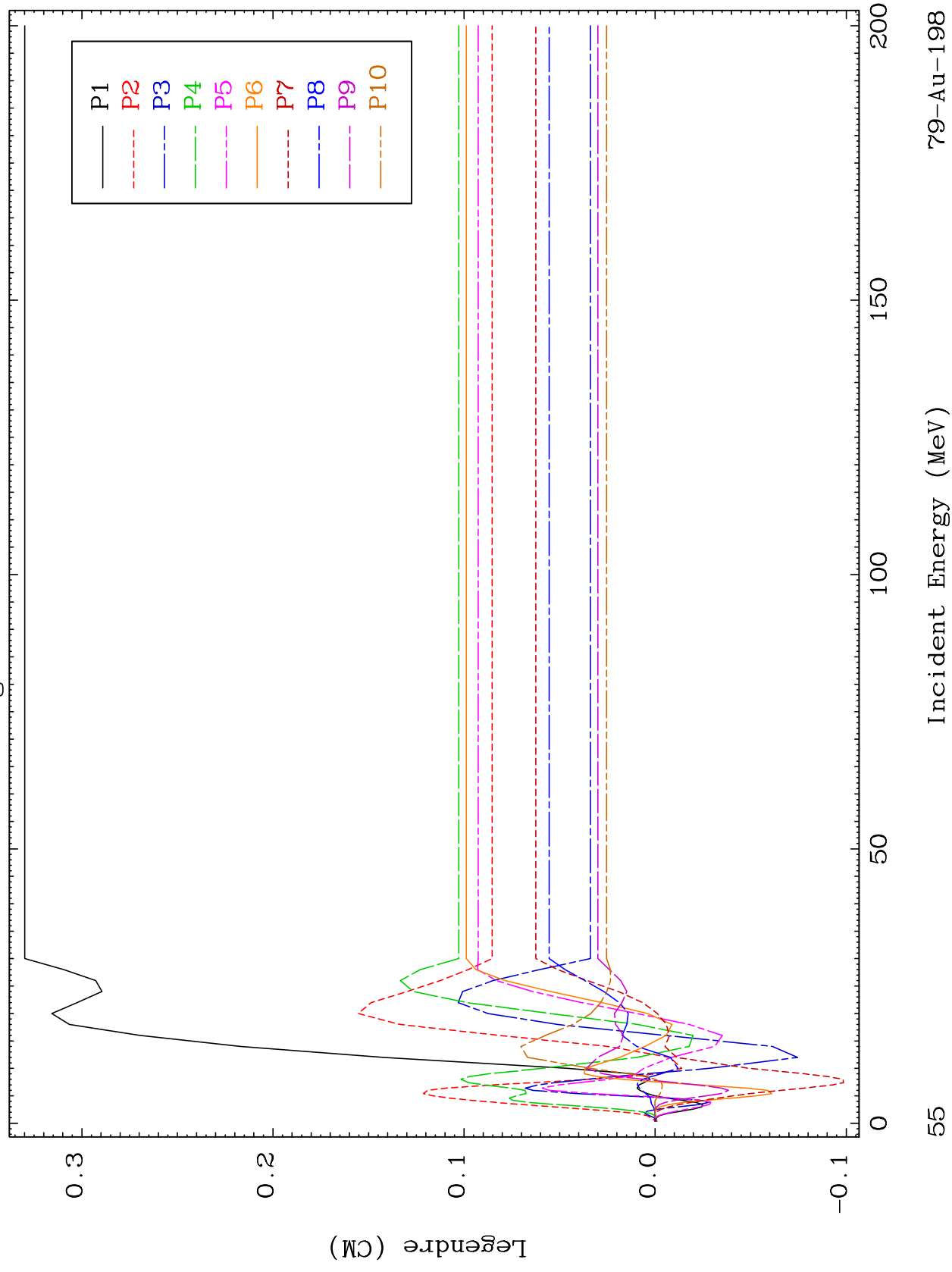
Incident Energy (MeV)

79-Au-198

MAT 7928

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

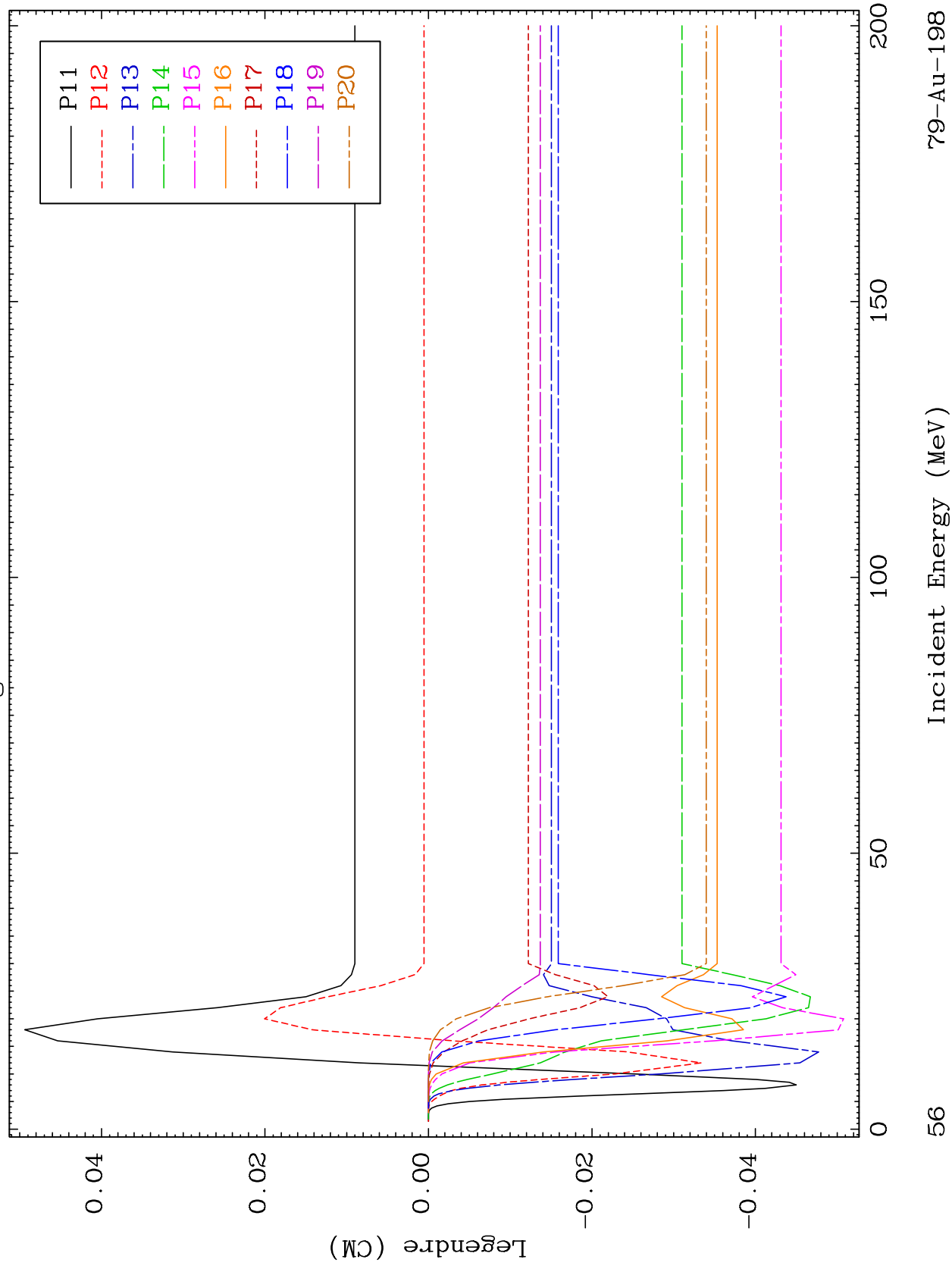
79-Au-198

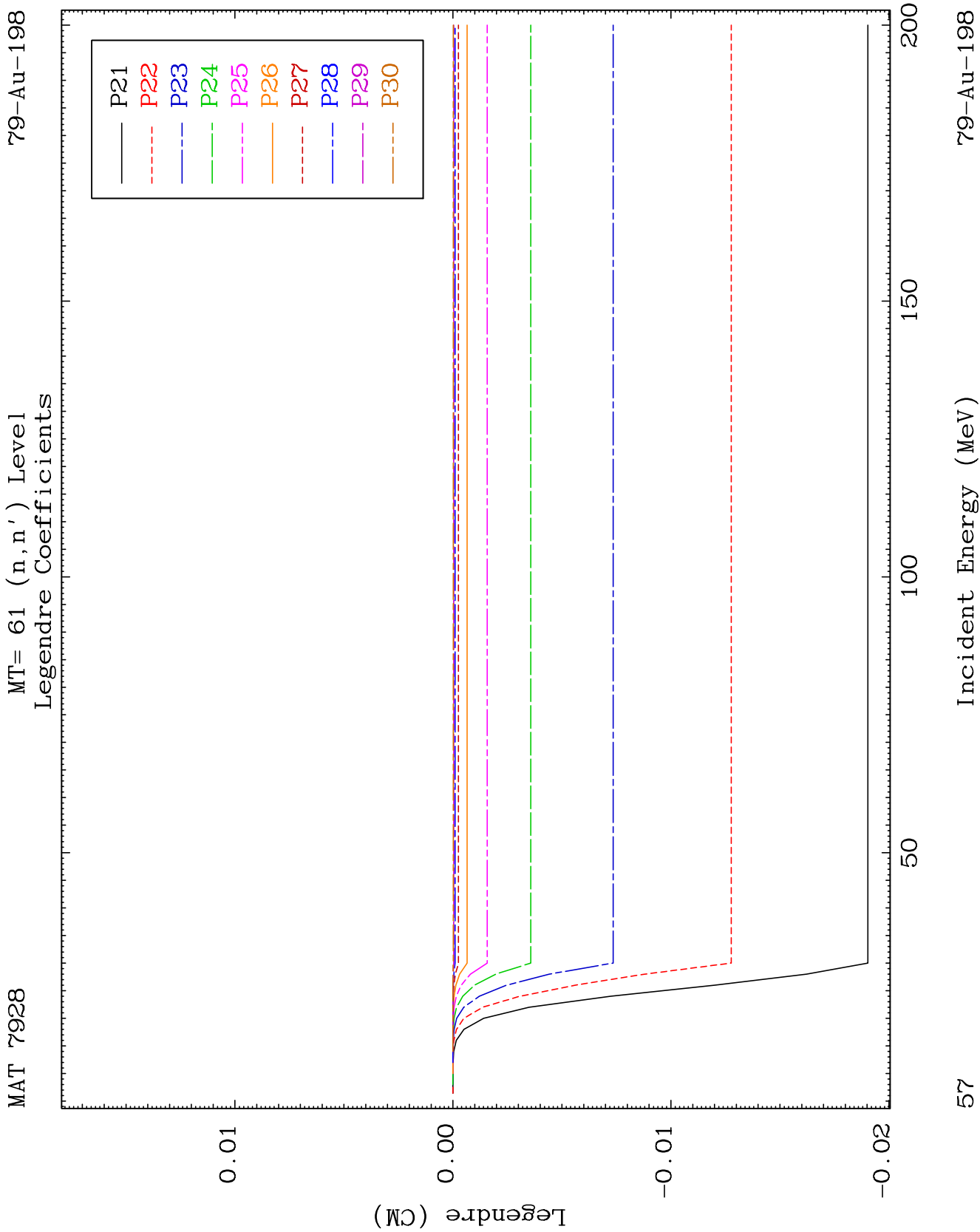


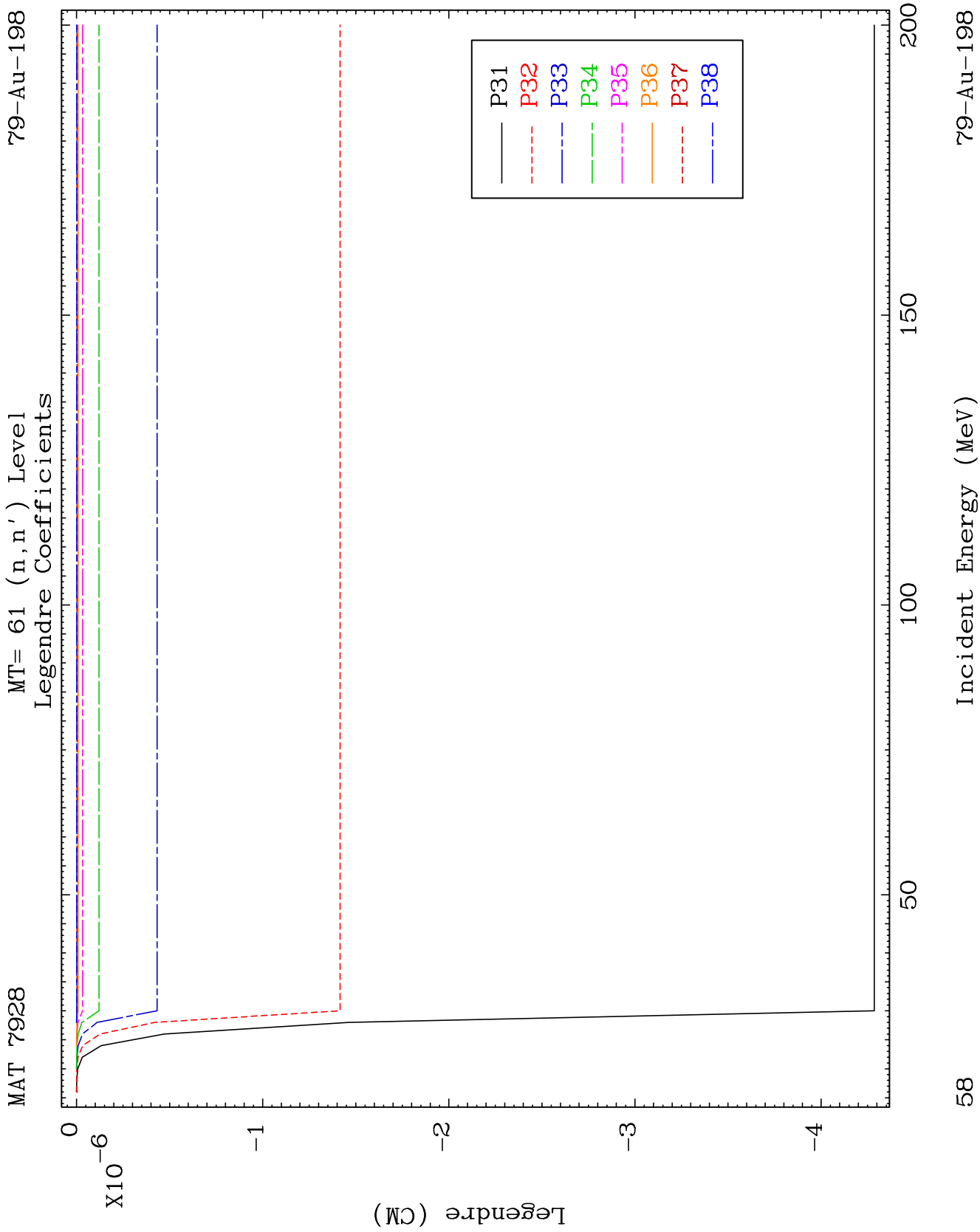
MAT 7928

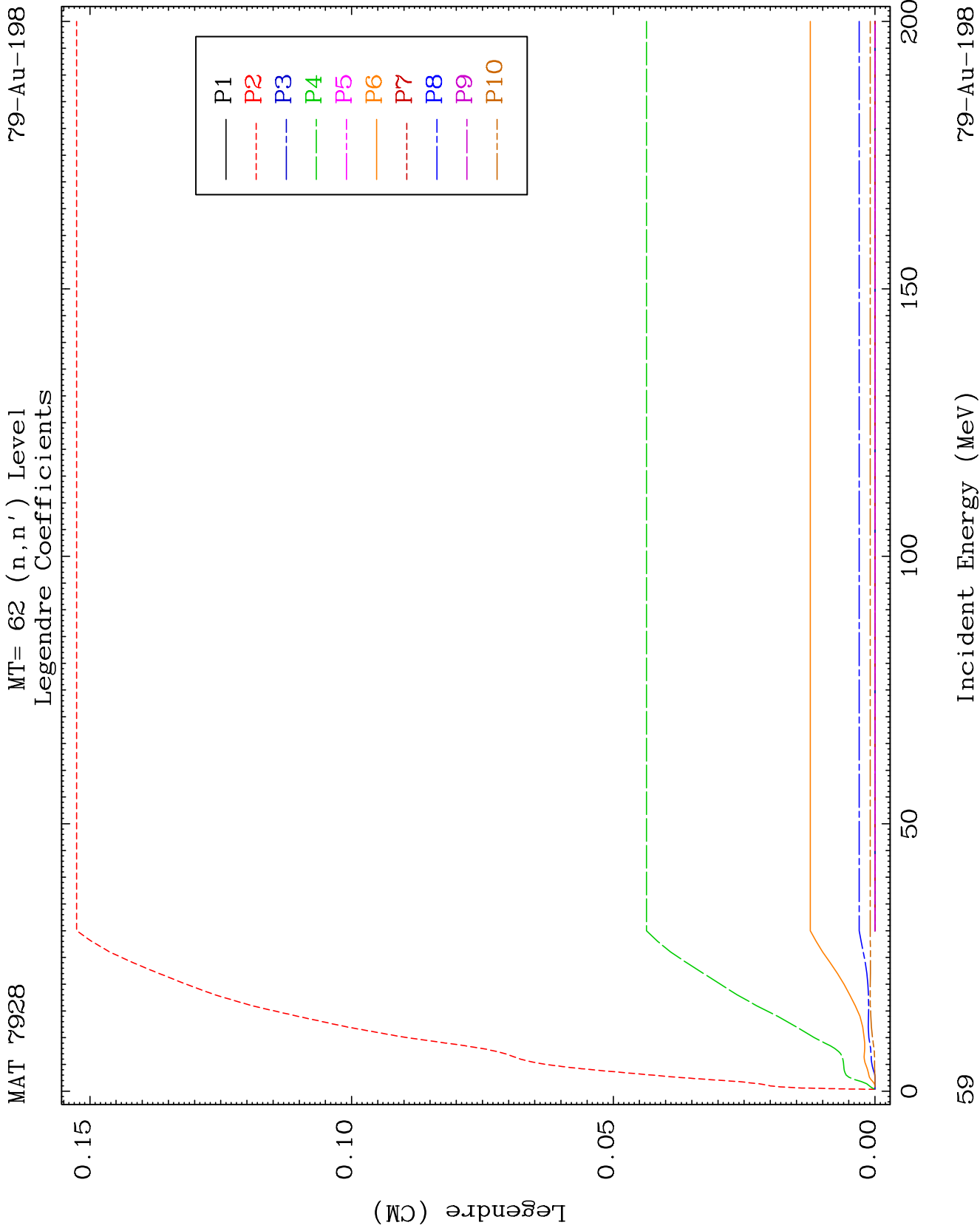
MT= 61 (n, n') Level
Legendre Coefficients

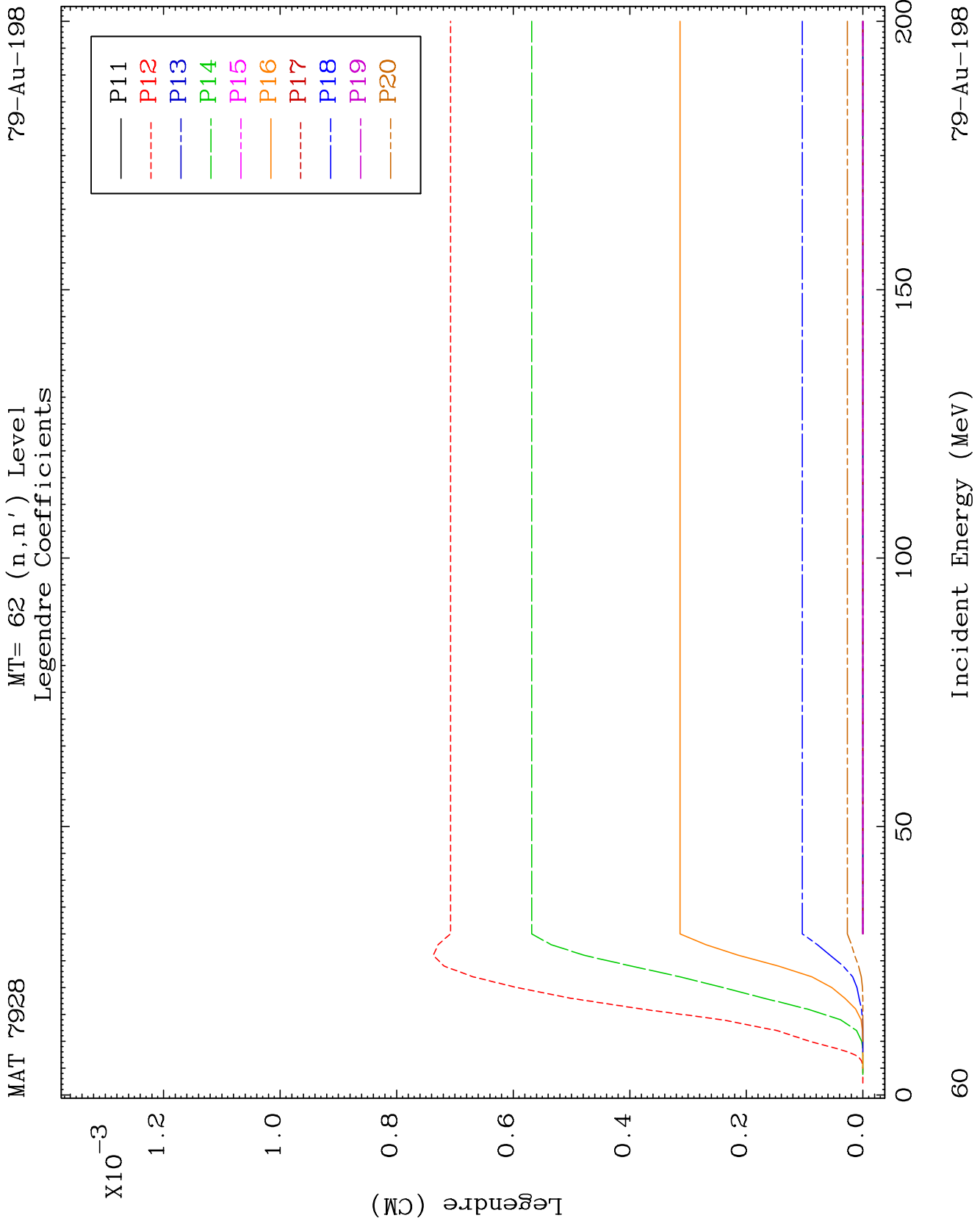
79-Au-198

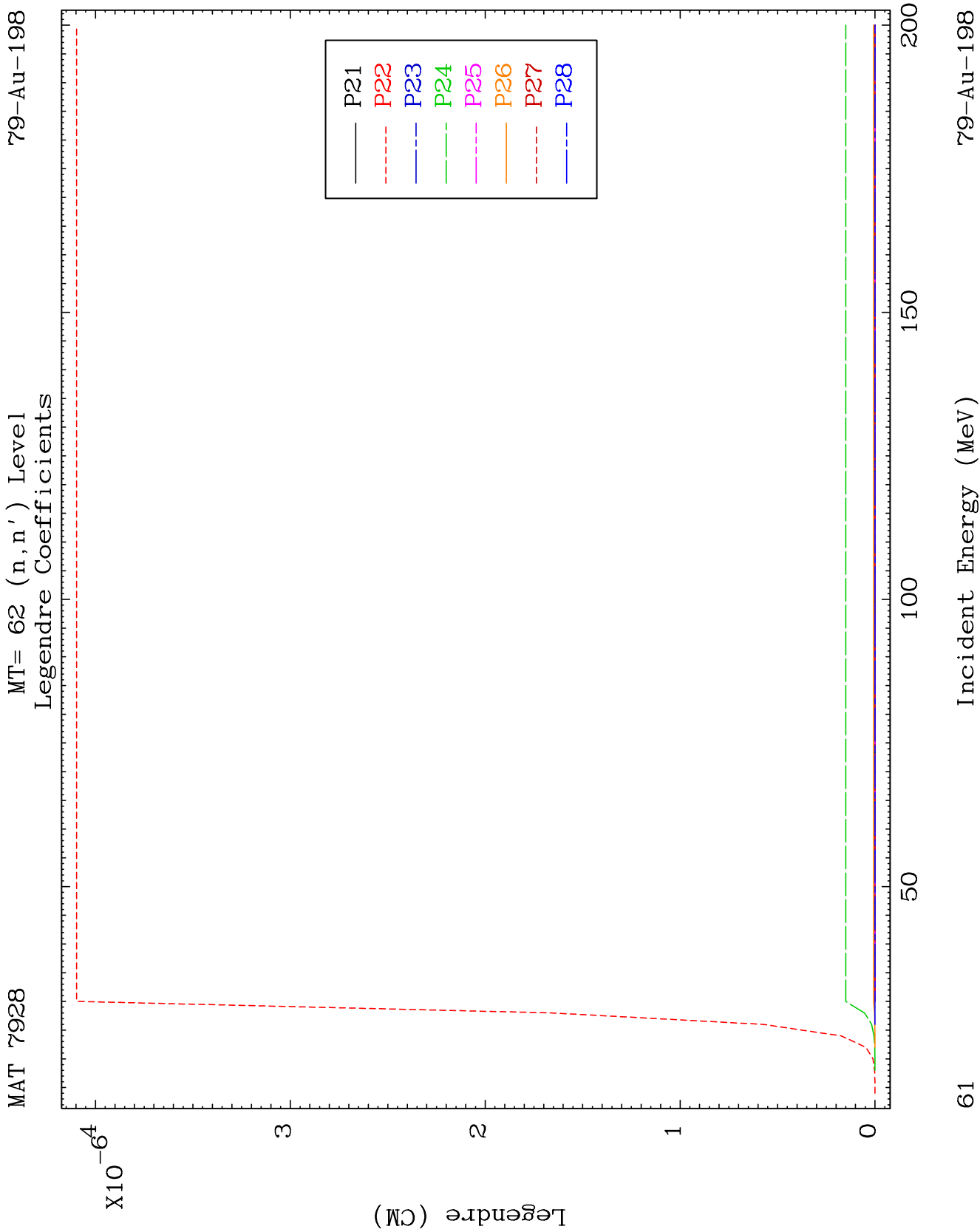








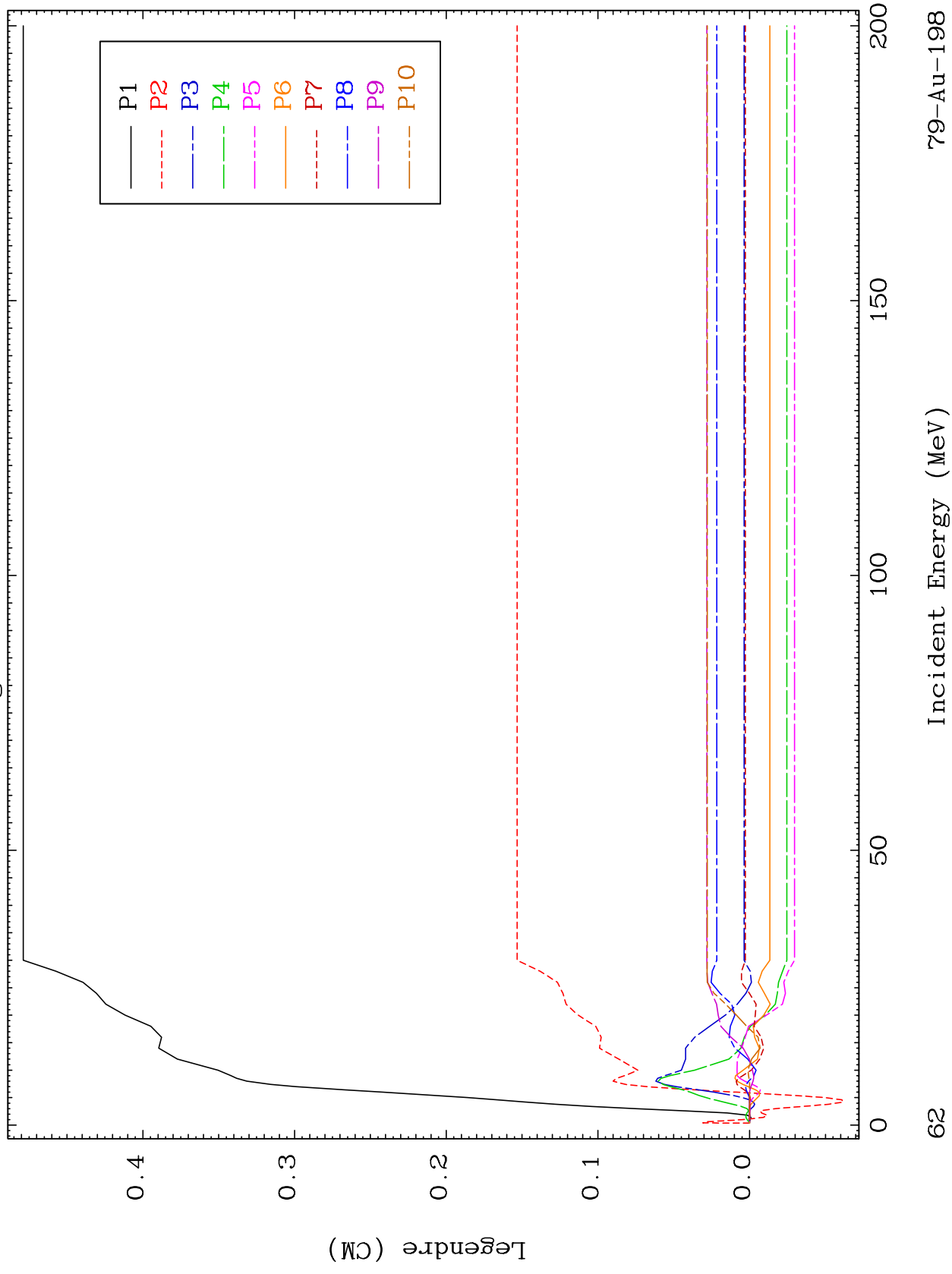


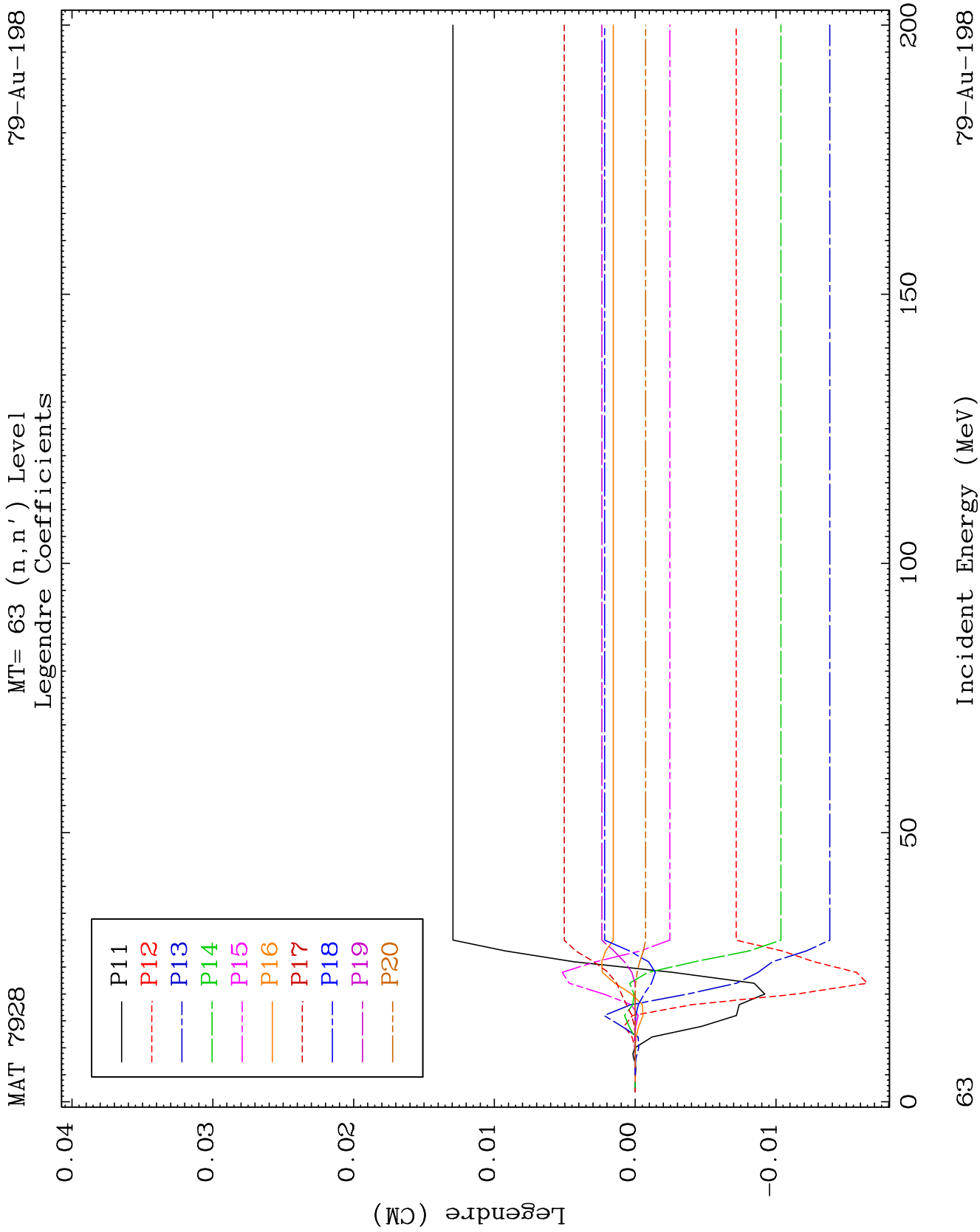


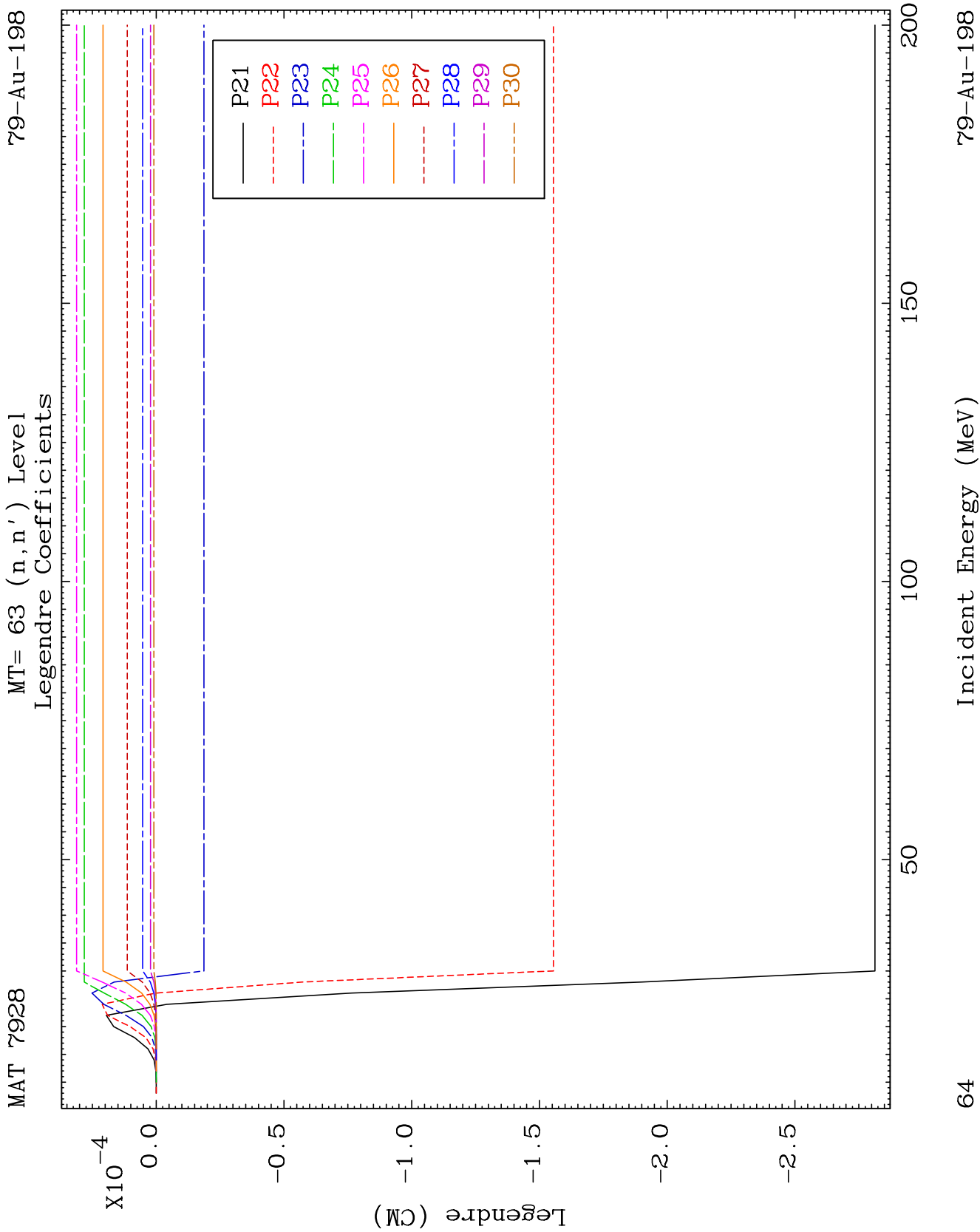
MAT 7928

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

79-Au-198



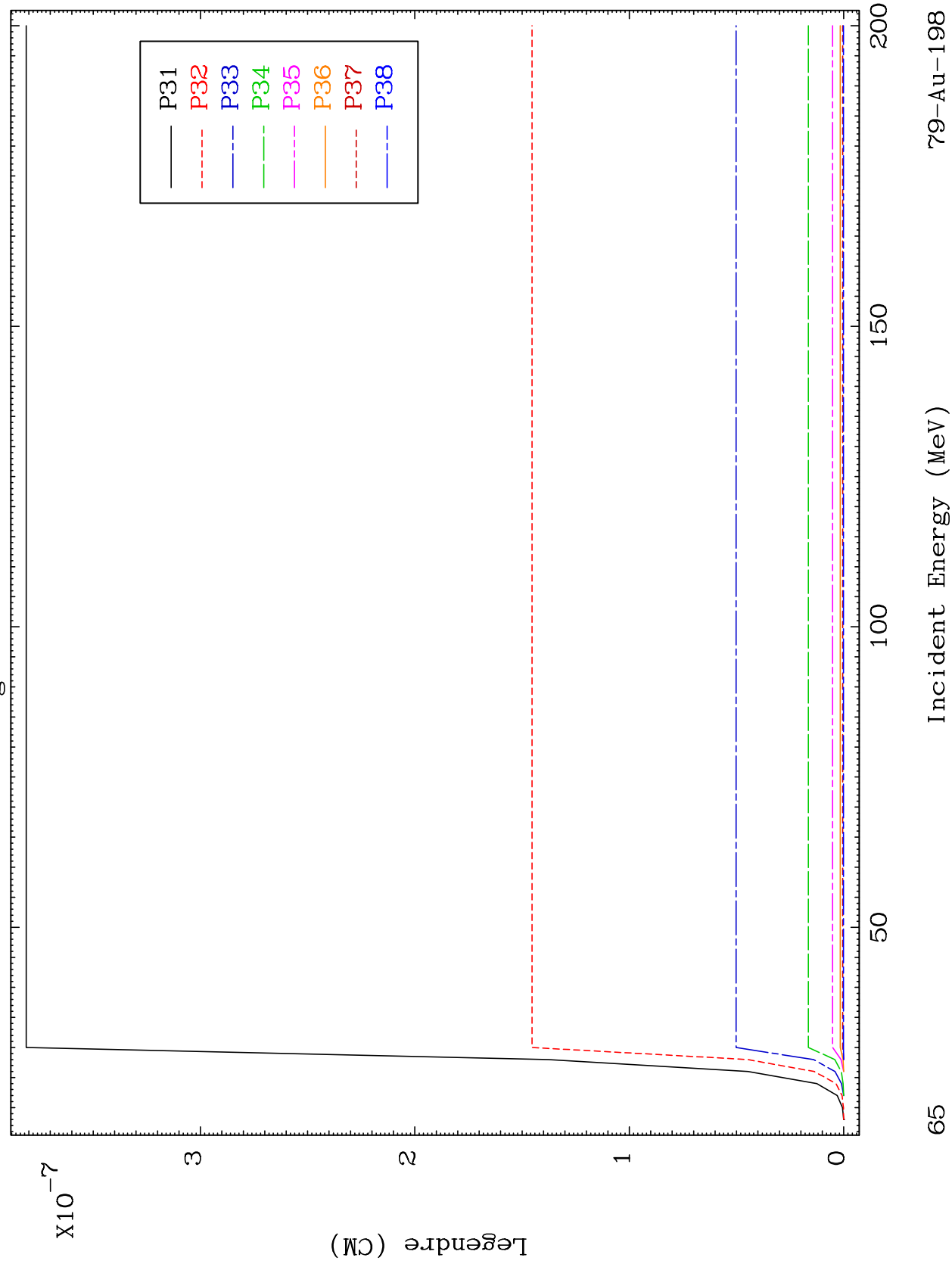




MAT 7928

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

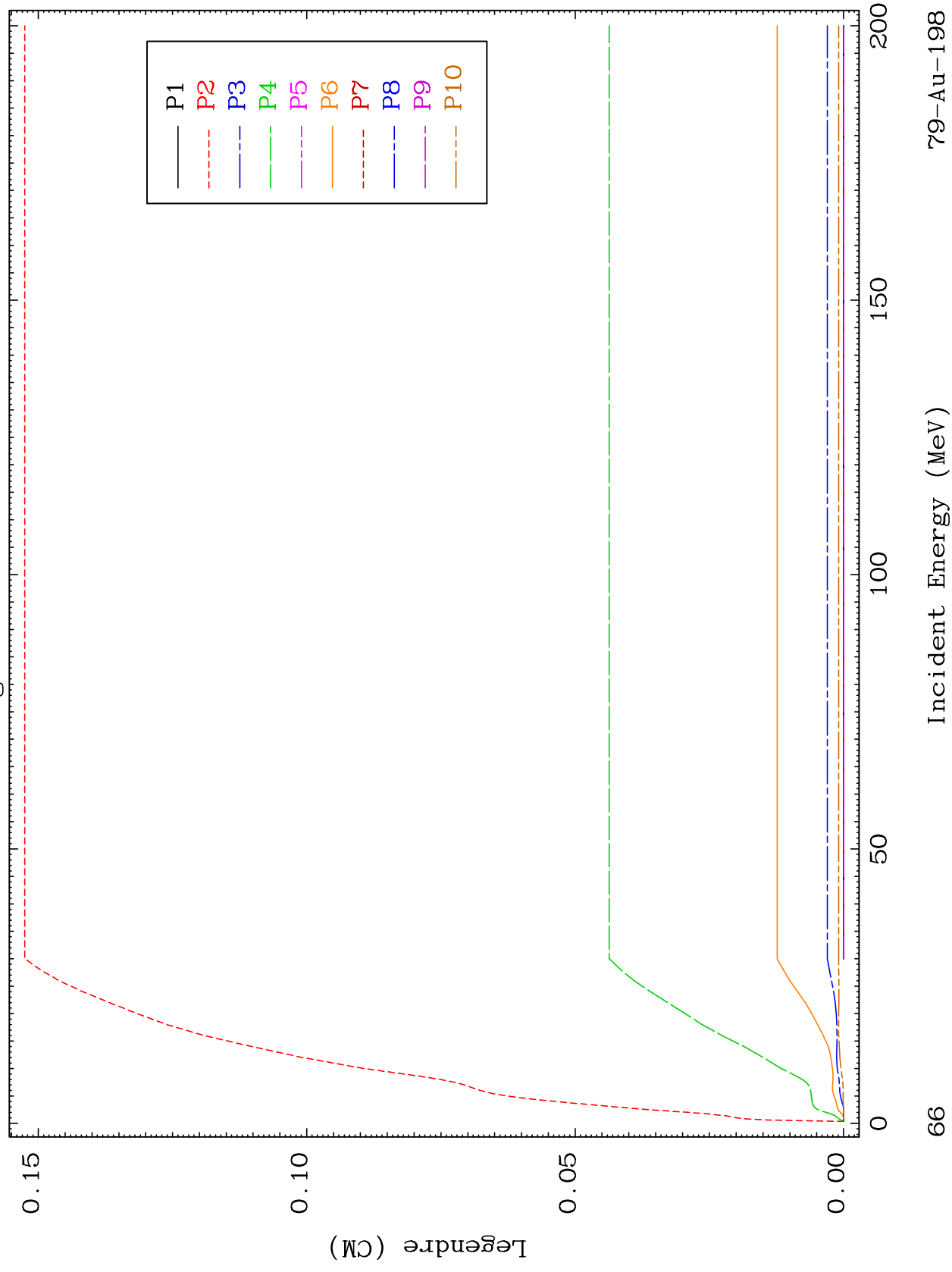
79-Au-198

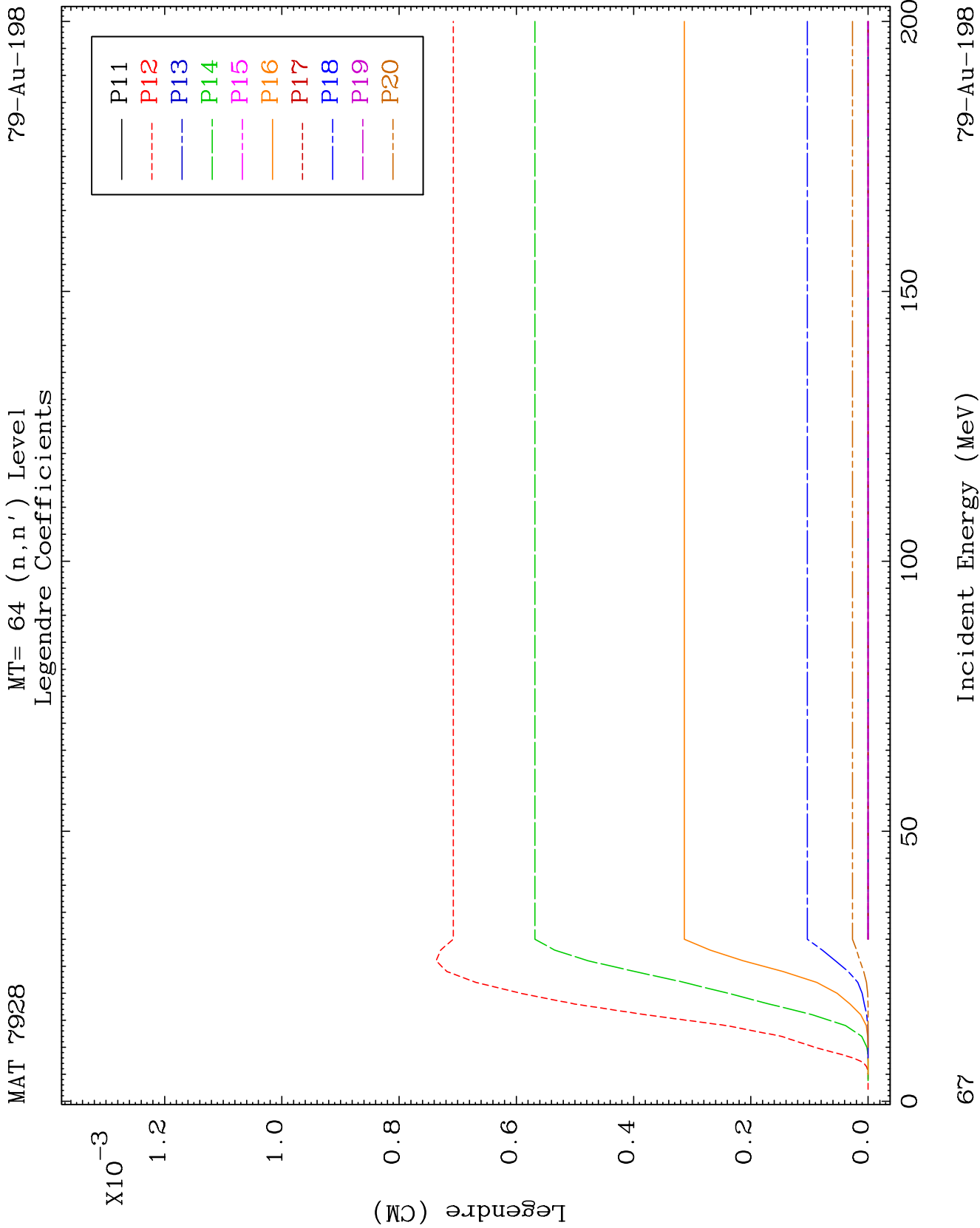


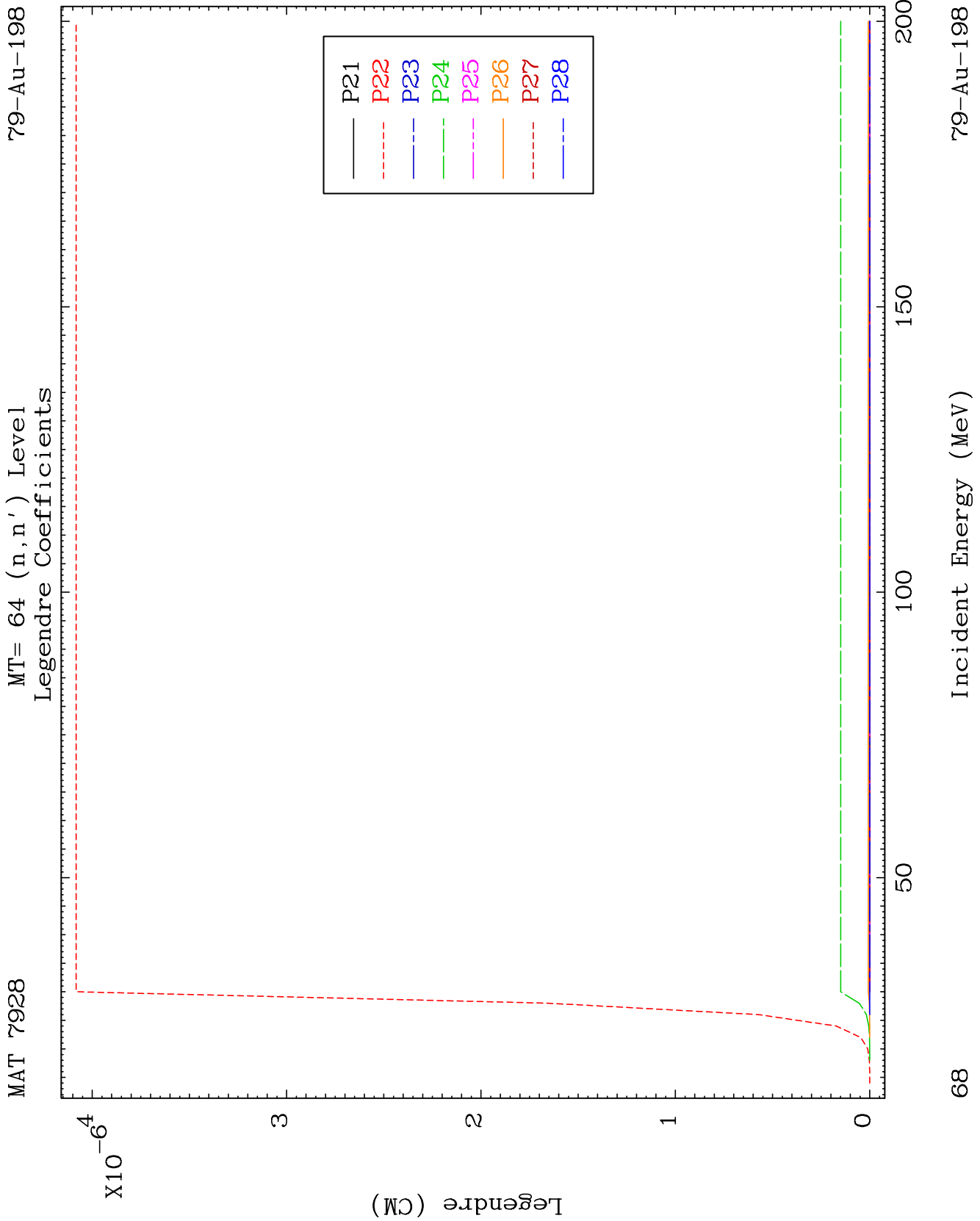
MAT 7928

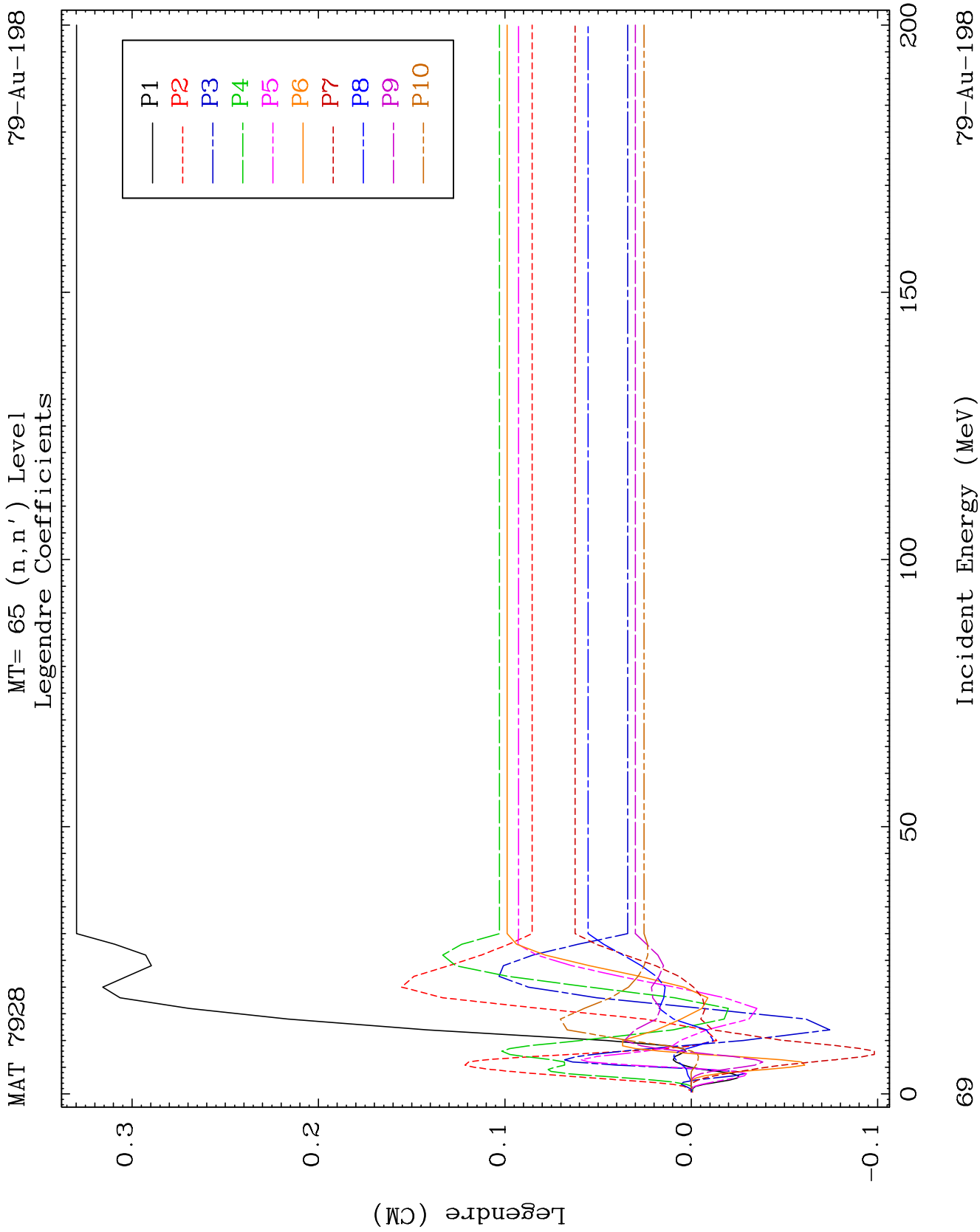
MT= 64 (n, n') Level
Legendre Coefficients

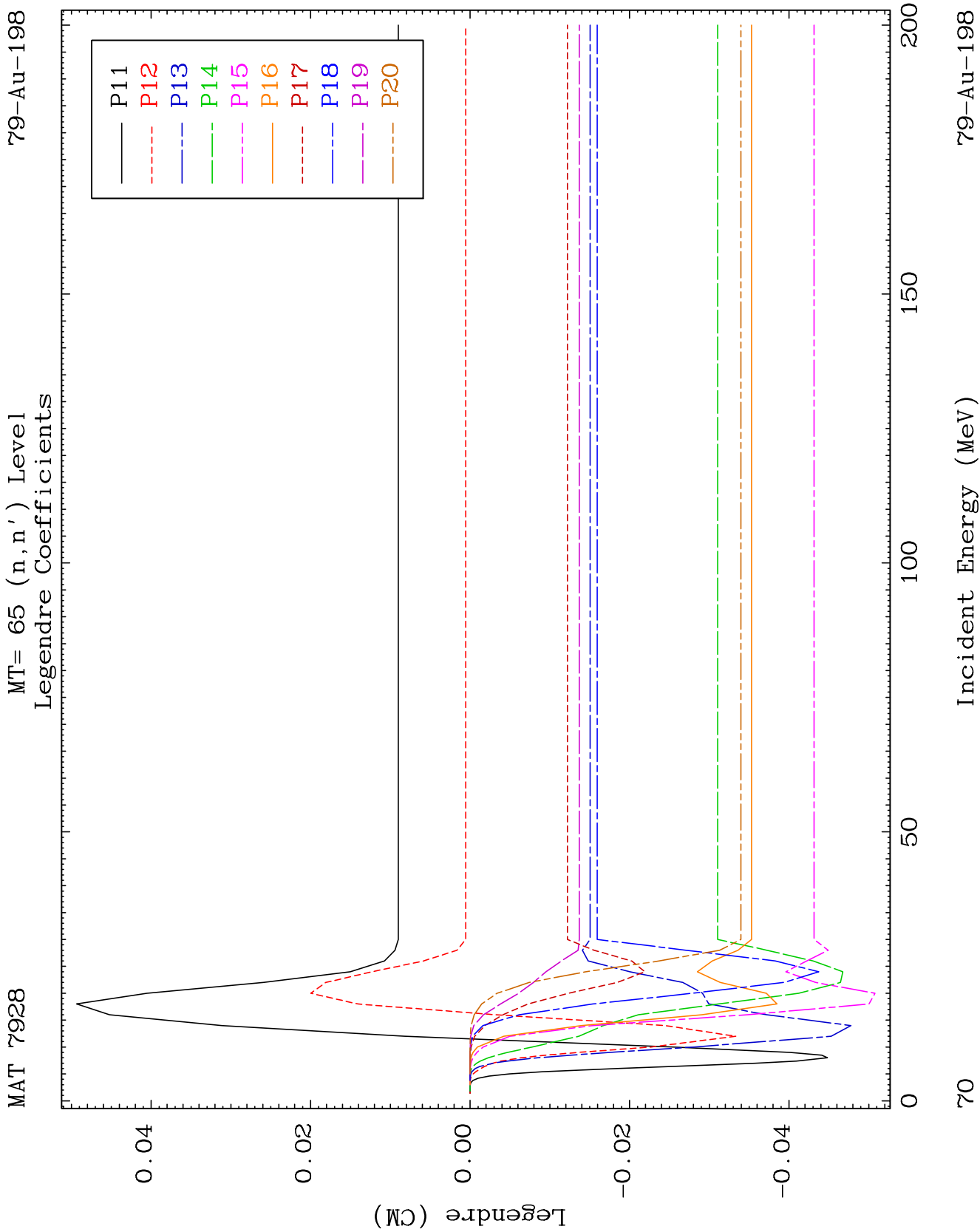
79-Au-198







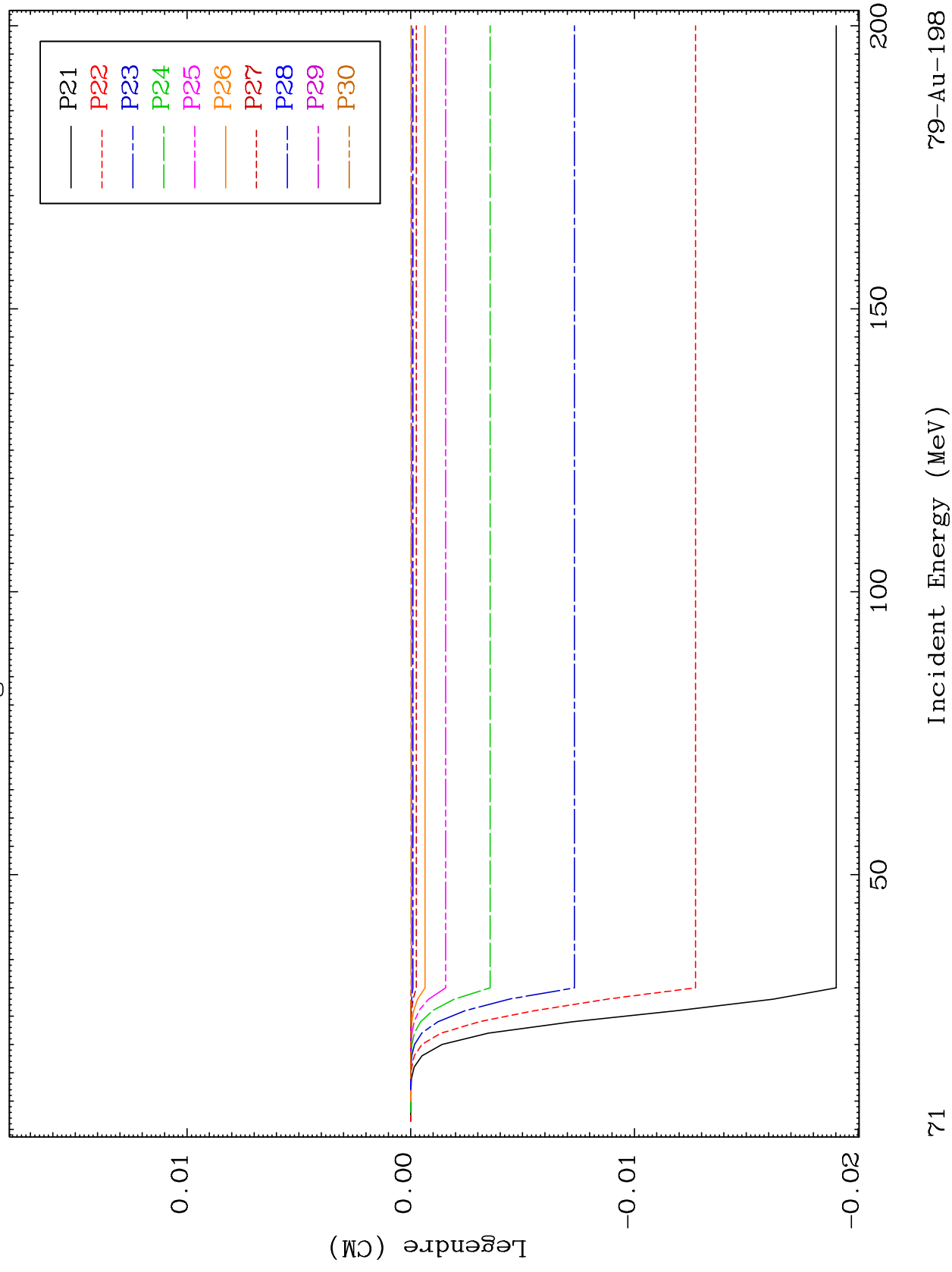


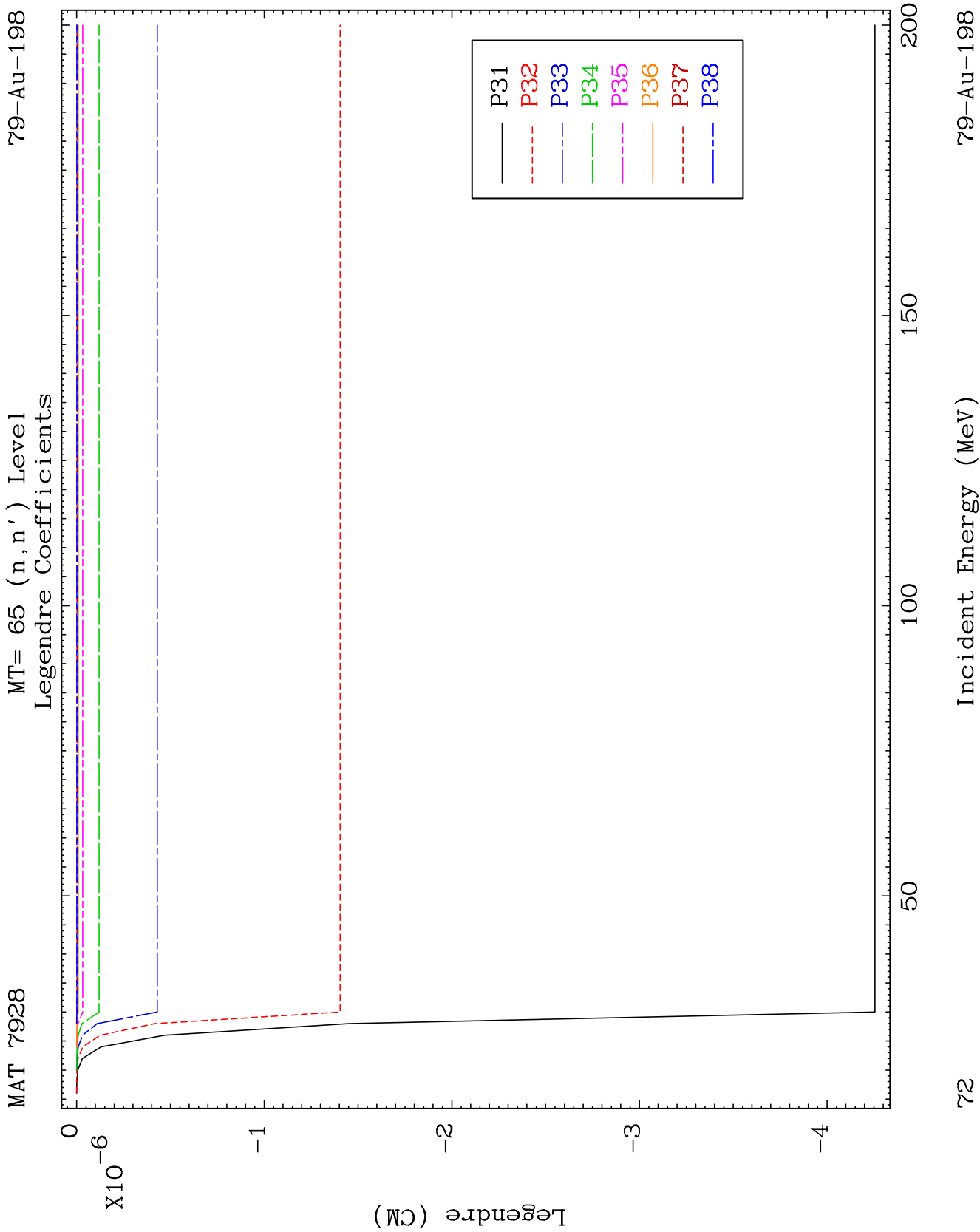


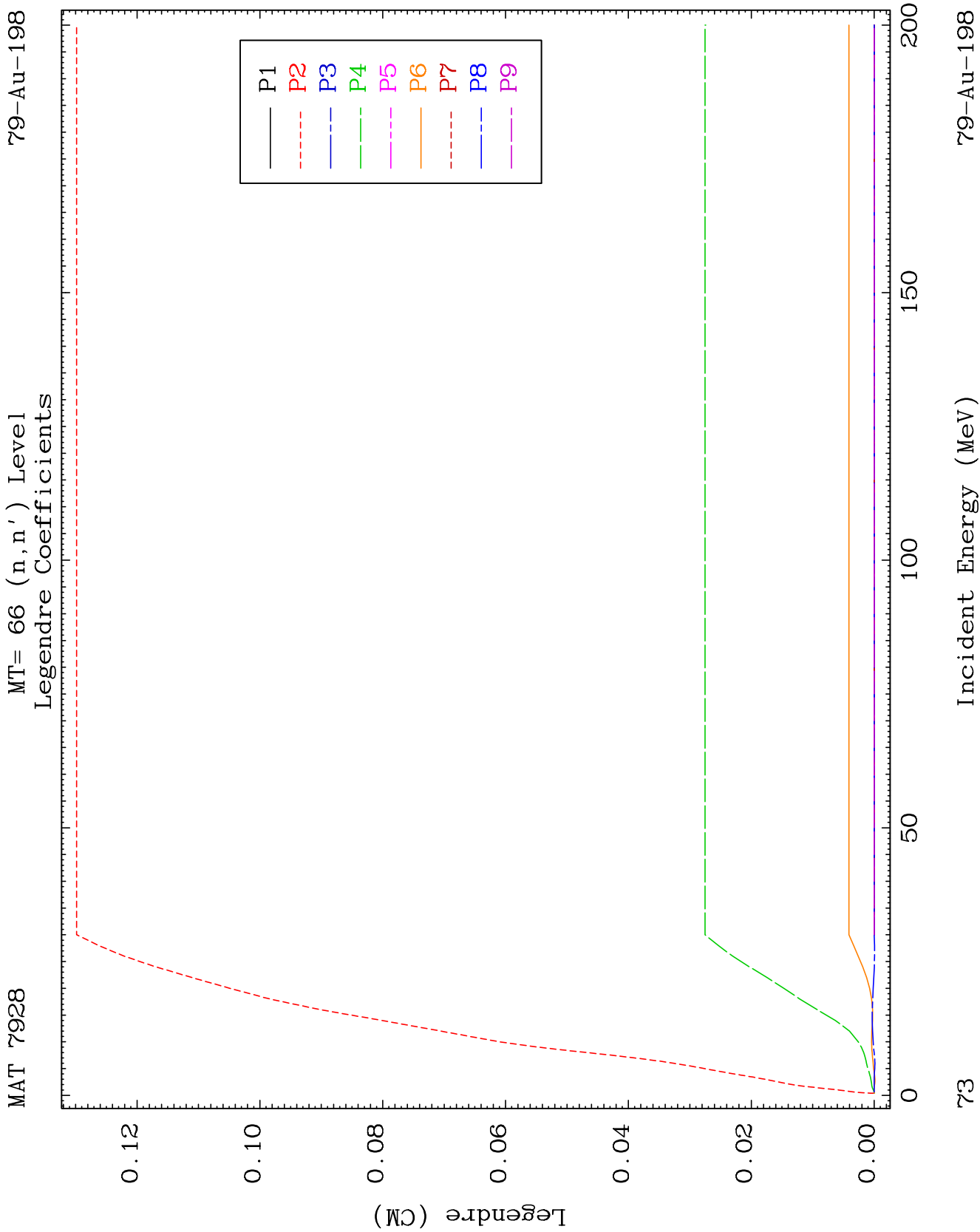
MAT 7928

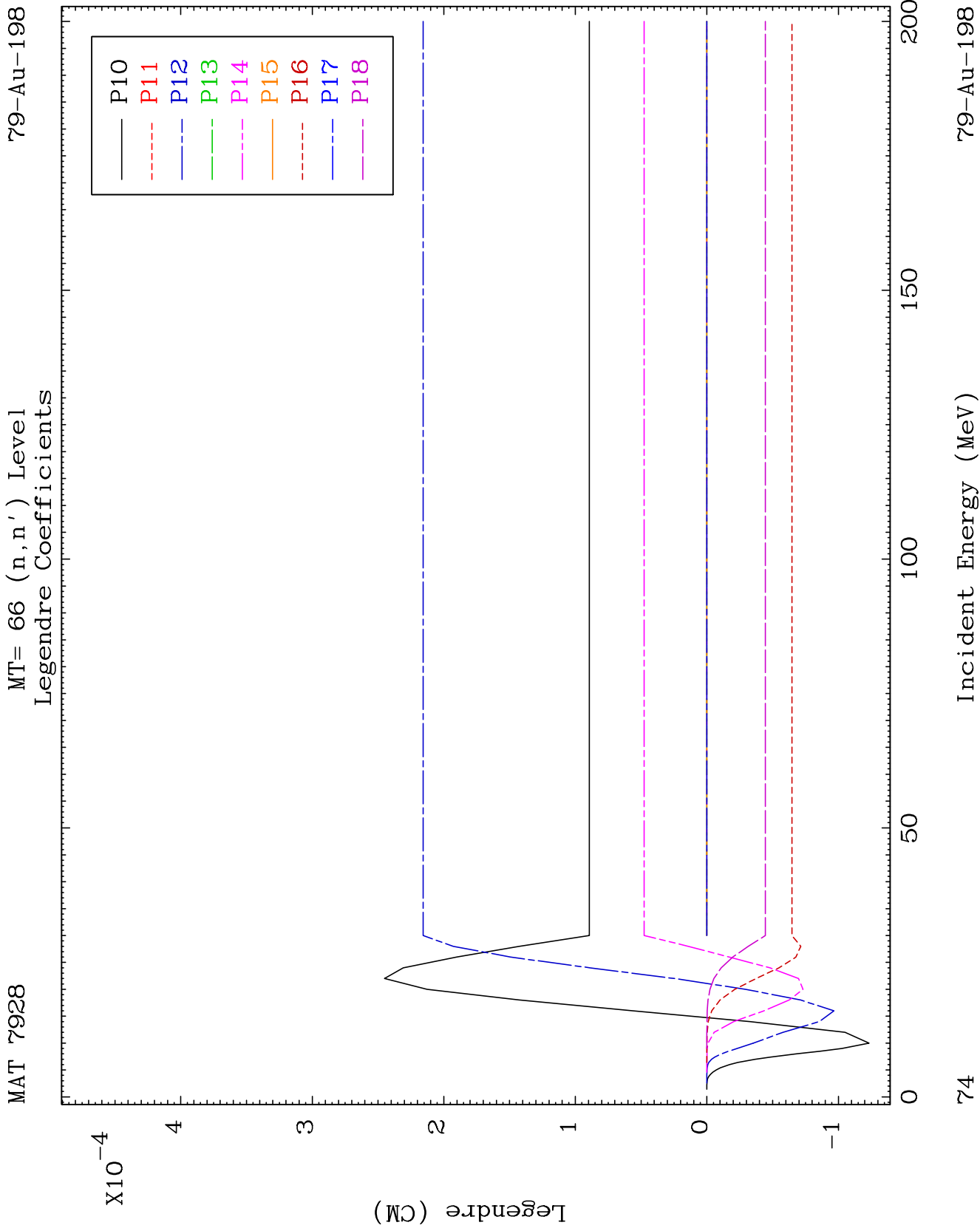
MT= 65 (n, n') Level
Legendre Coefficients

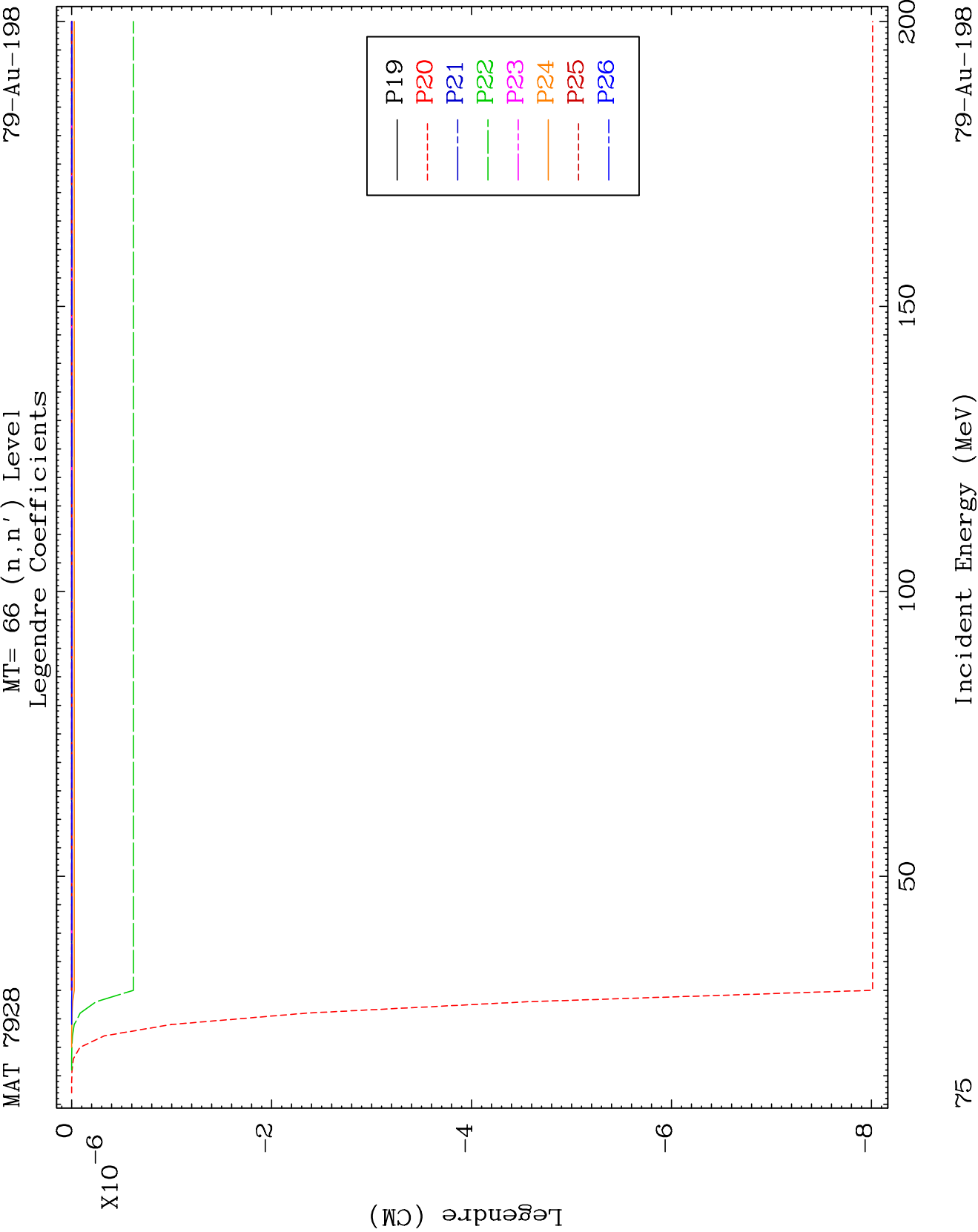
79-Au-198

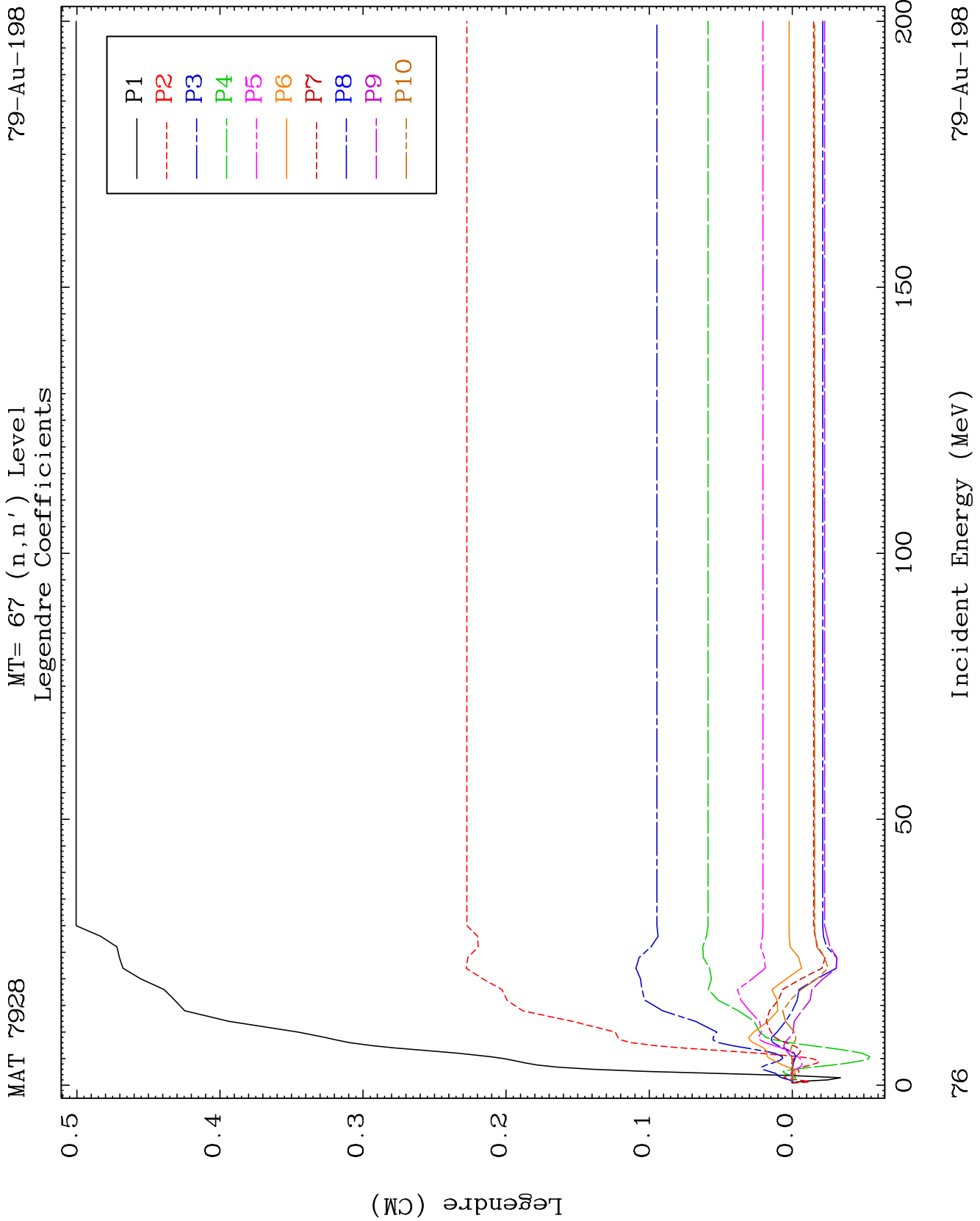


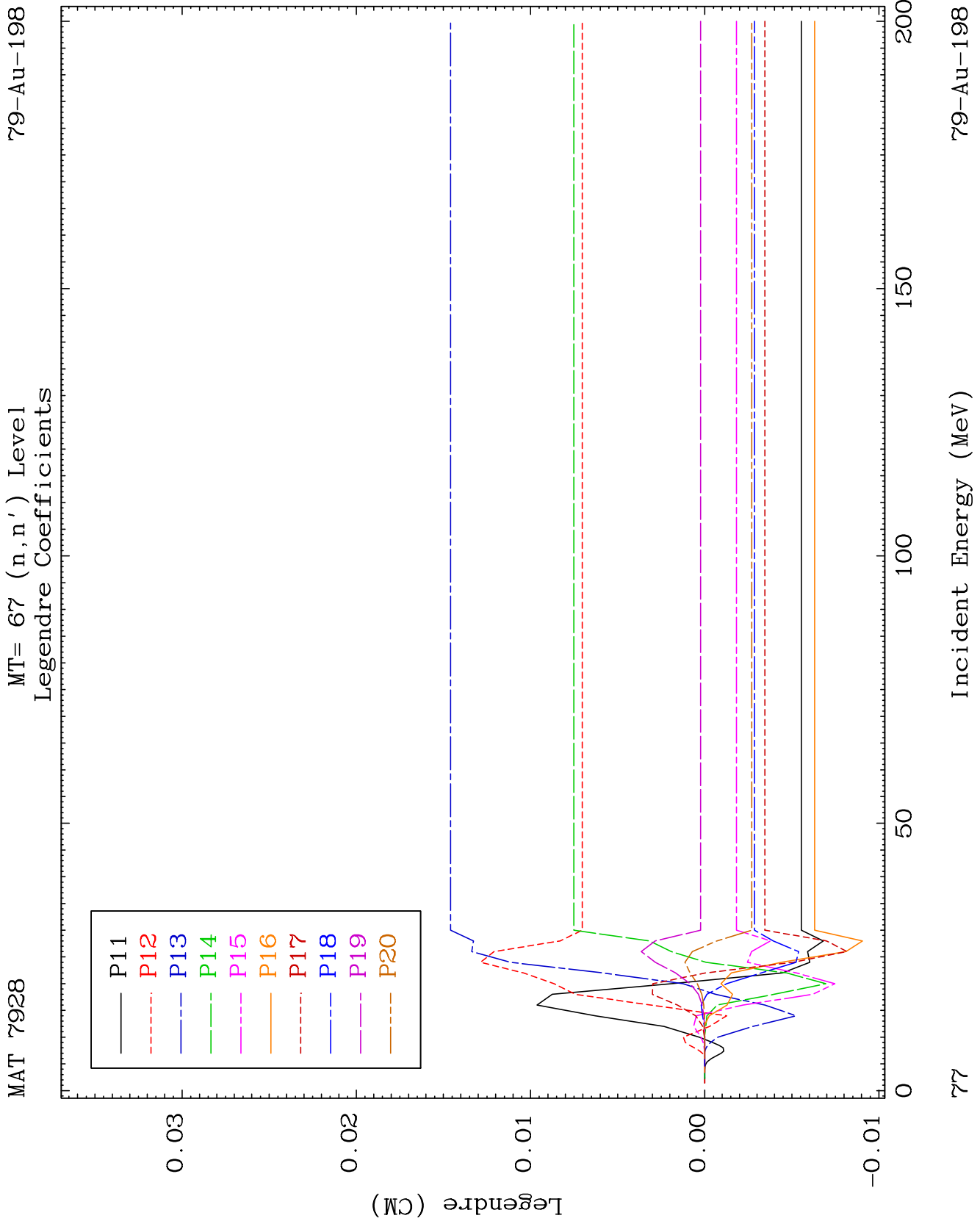


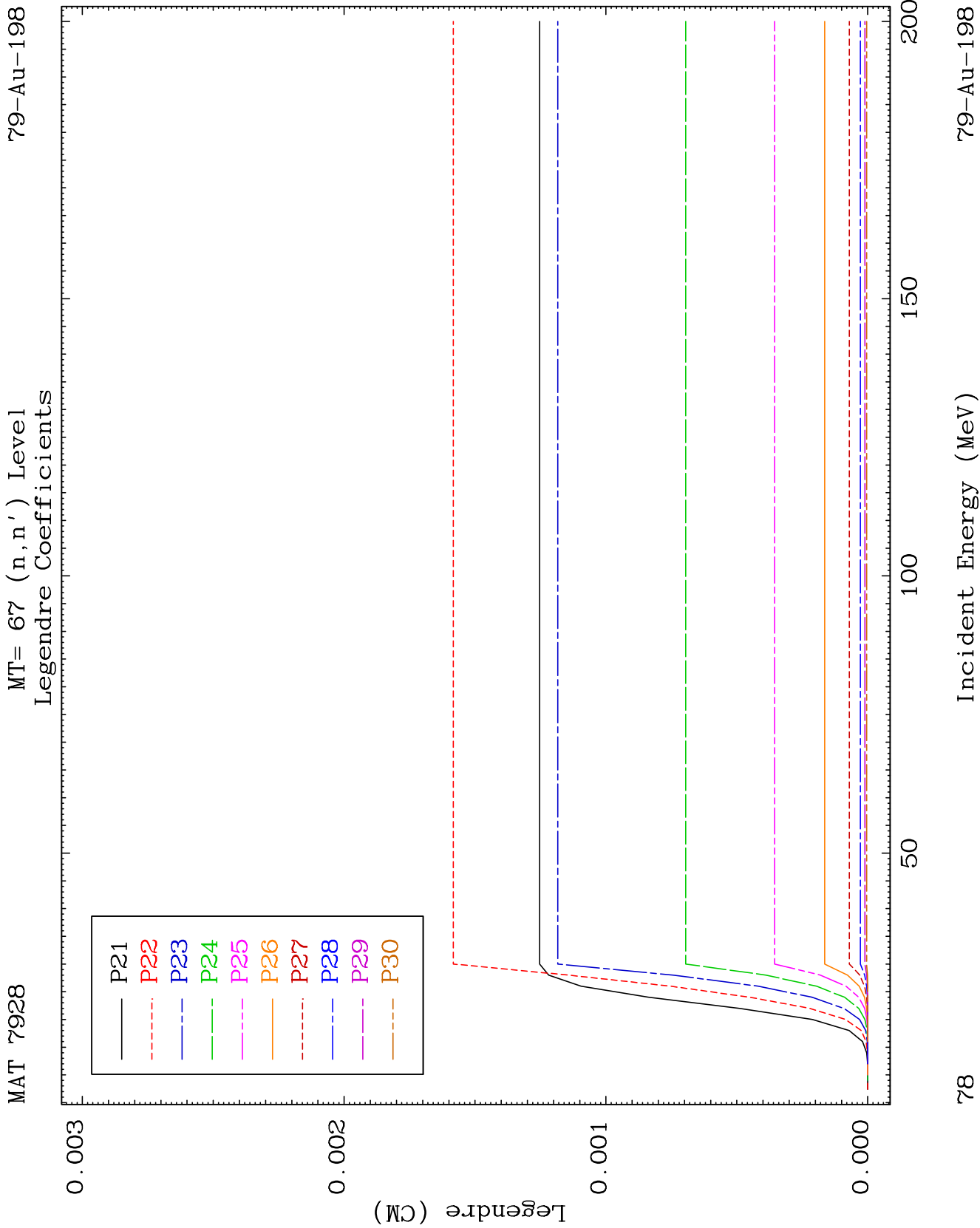


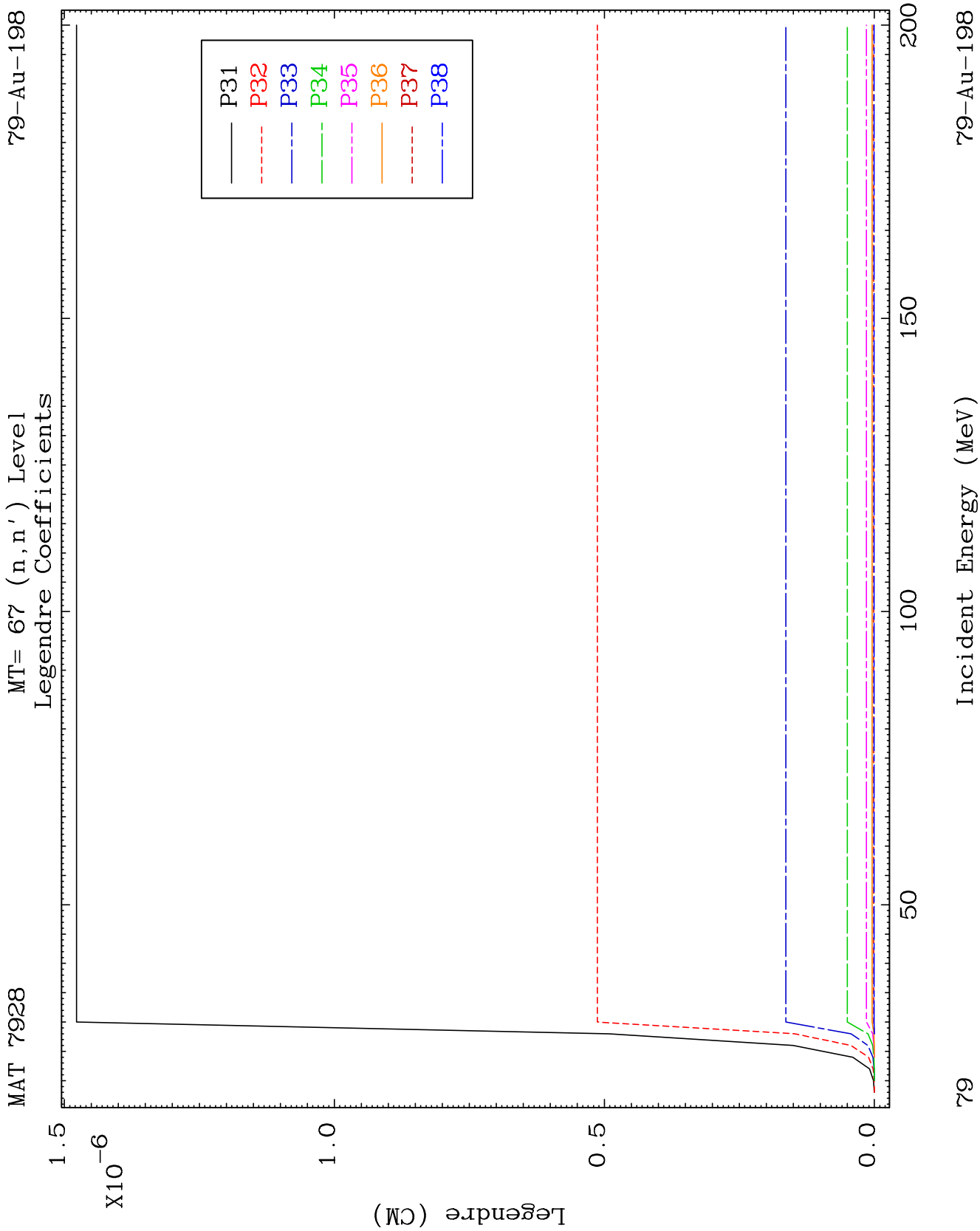


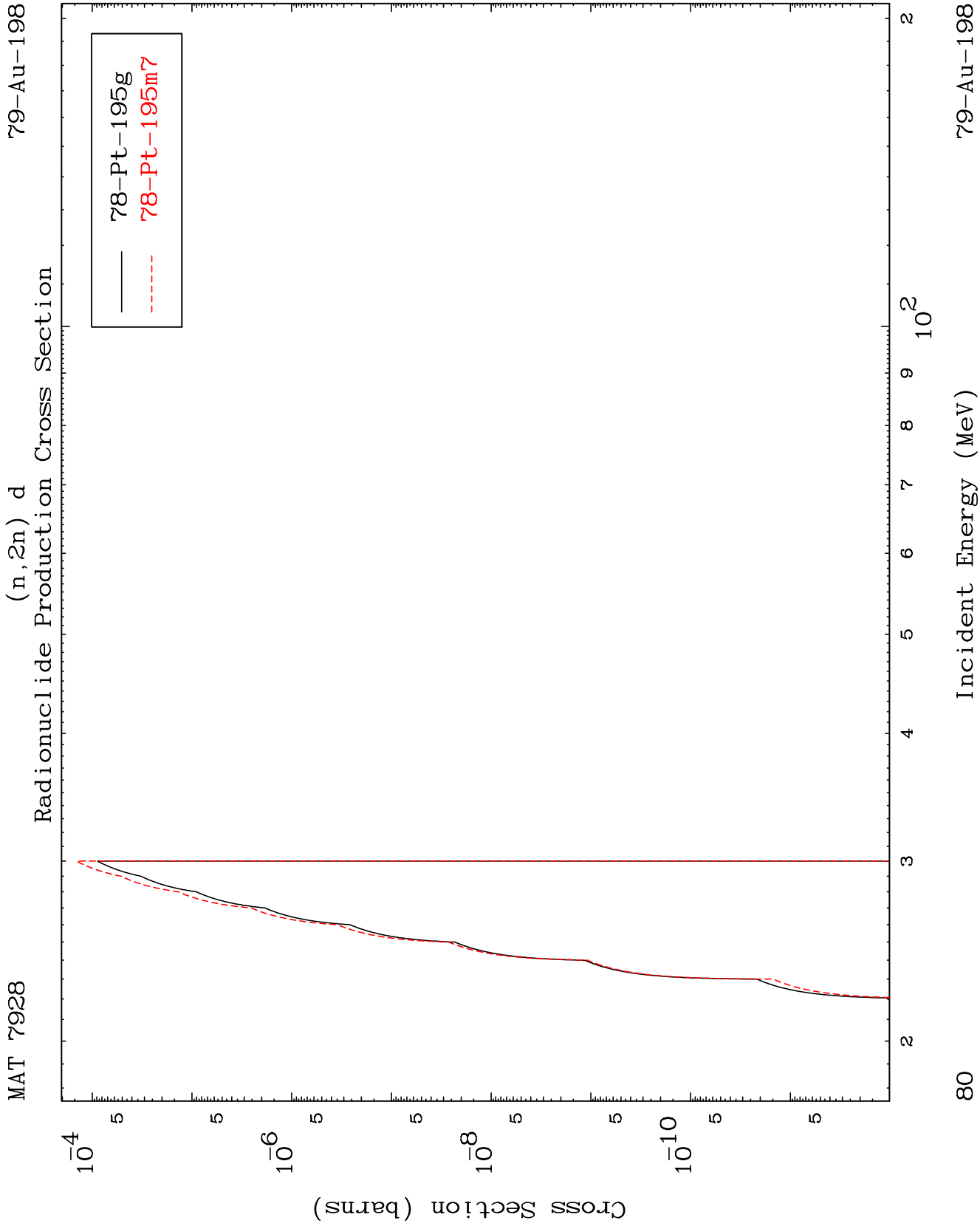




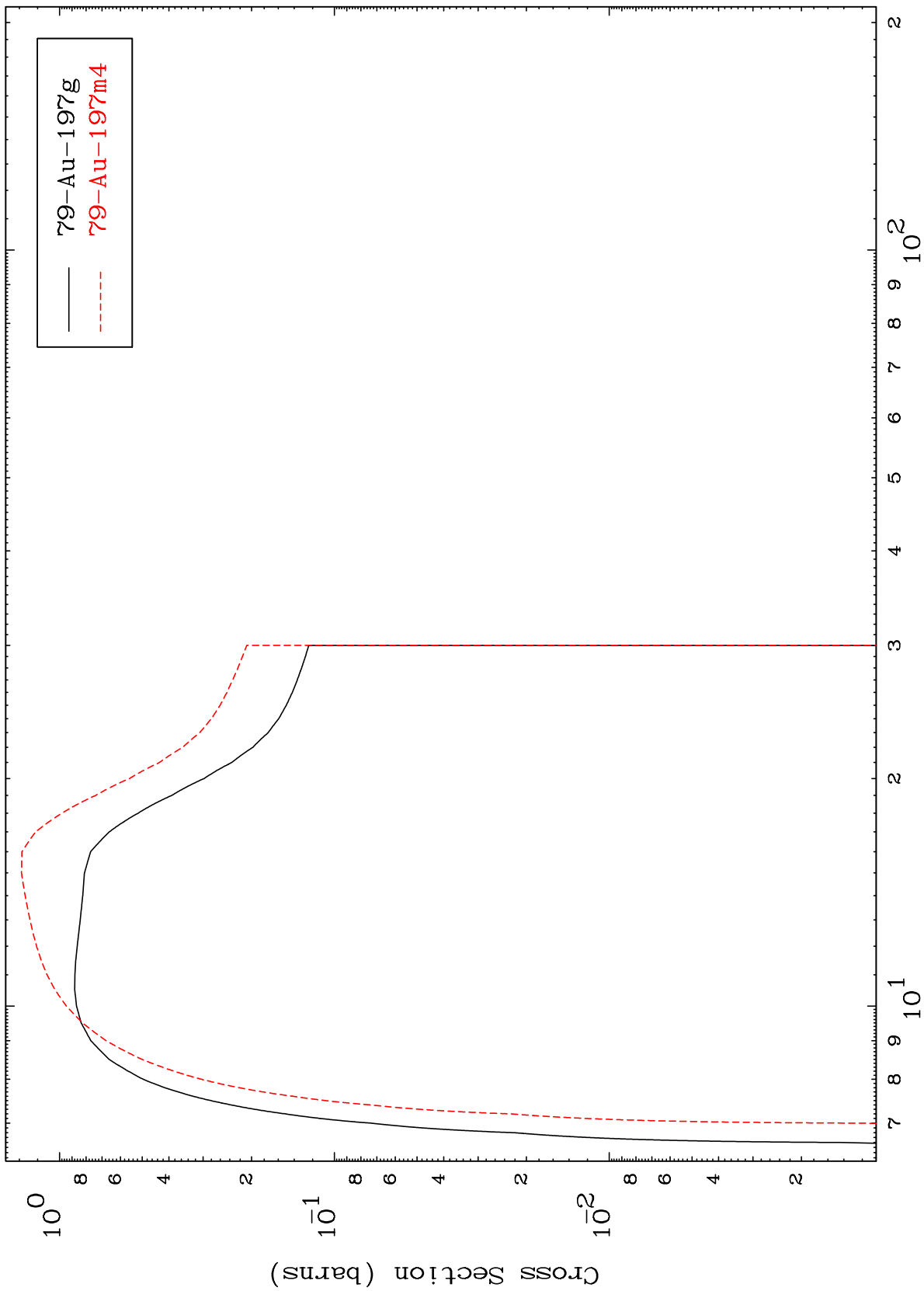


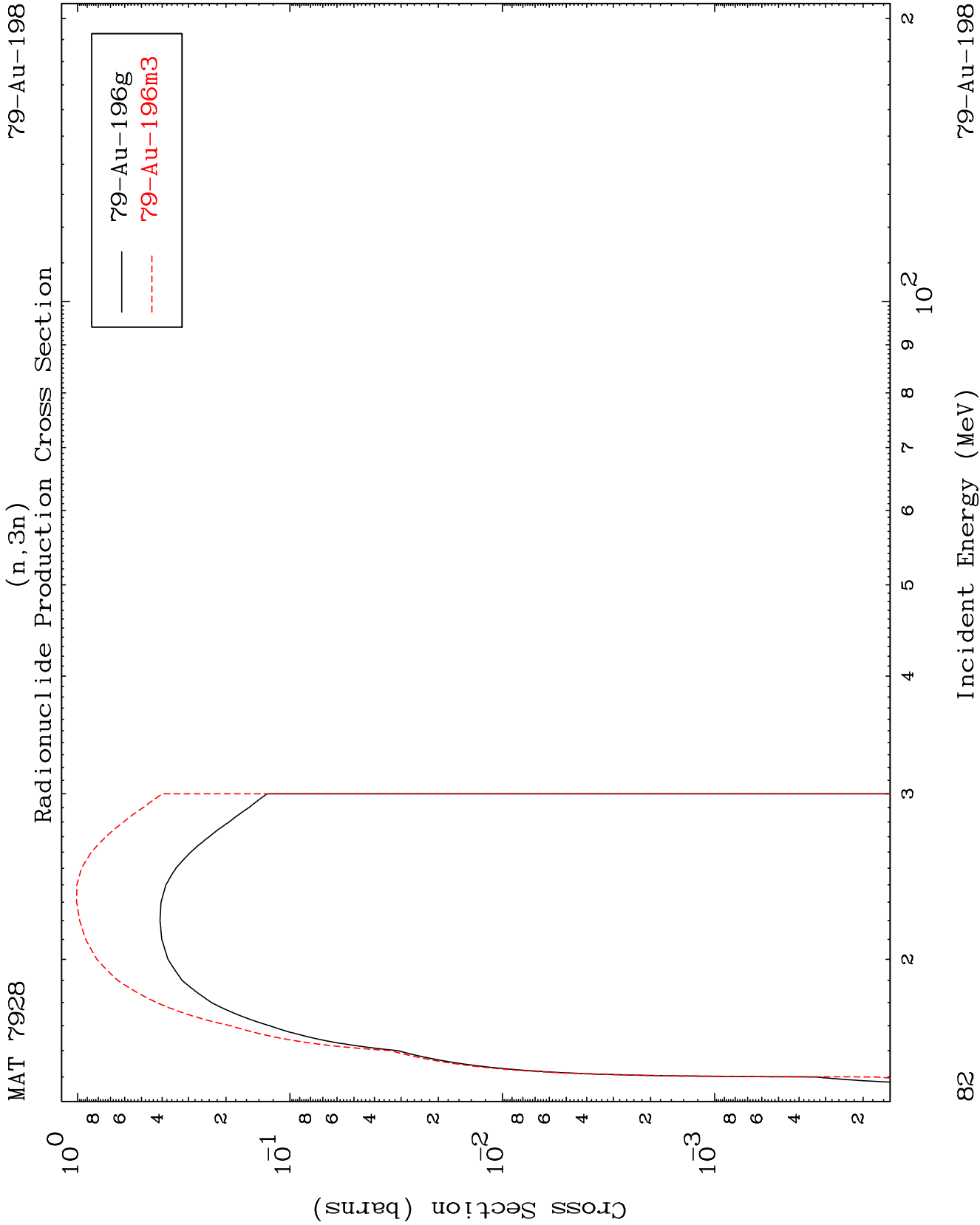






(n,2n)
Radionuclide Production Cross Section



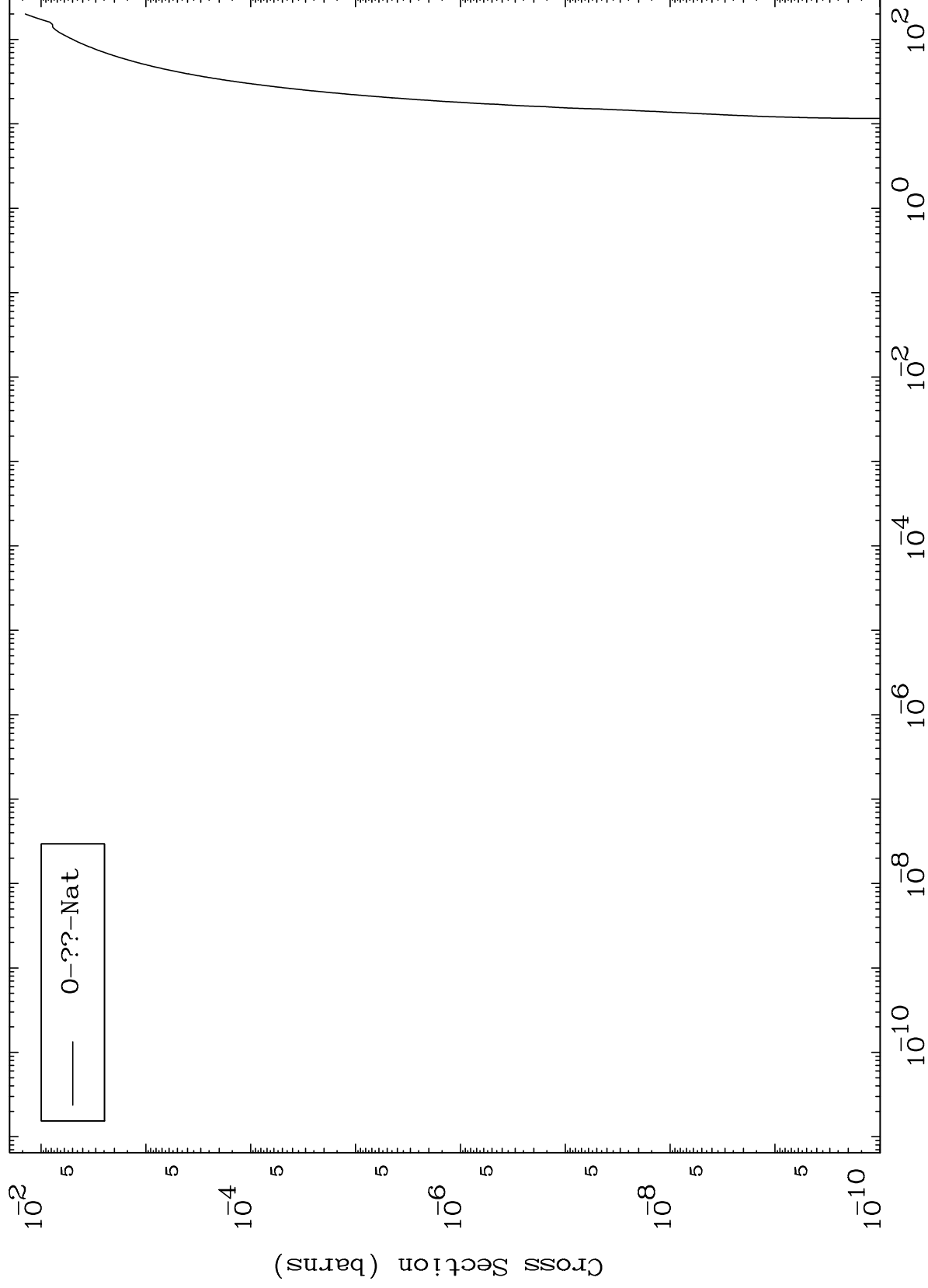


MAT 7928

Fission

⁷⁹Au-198

Radionuclide Production Cross Section

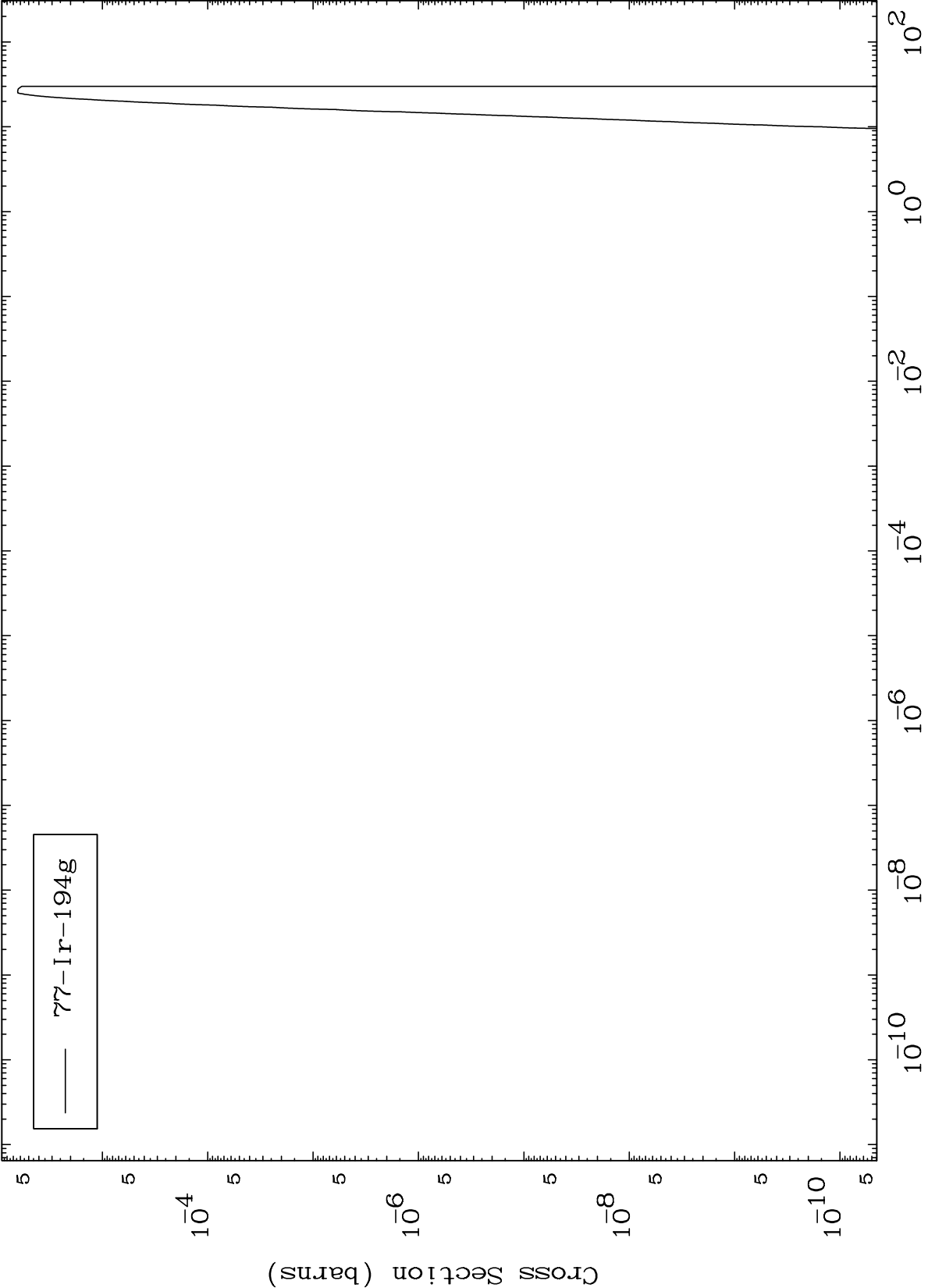


83

Incident Energy (MeV)

⁷⁹Au-198

Radionuclide Production Cross Section

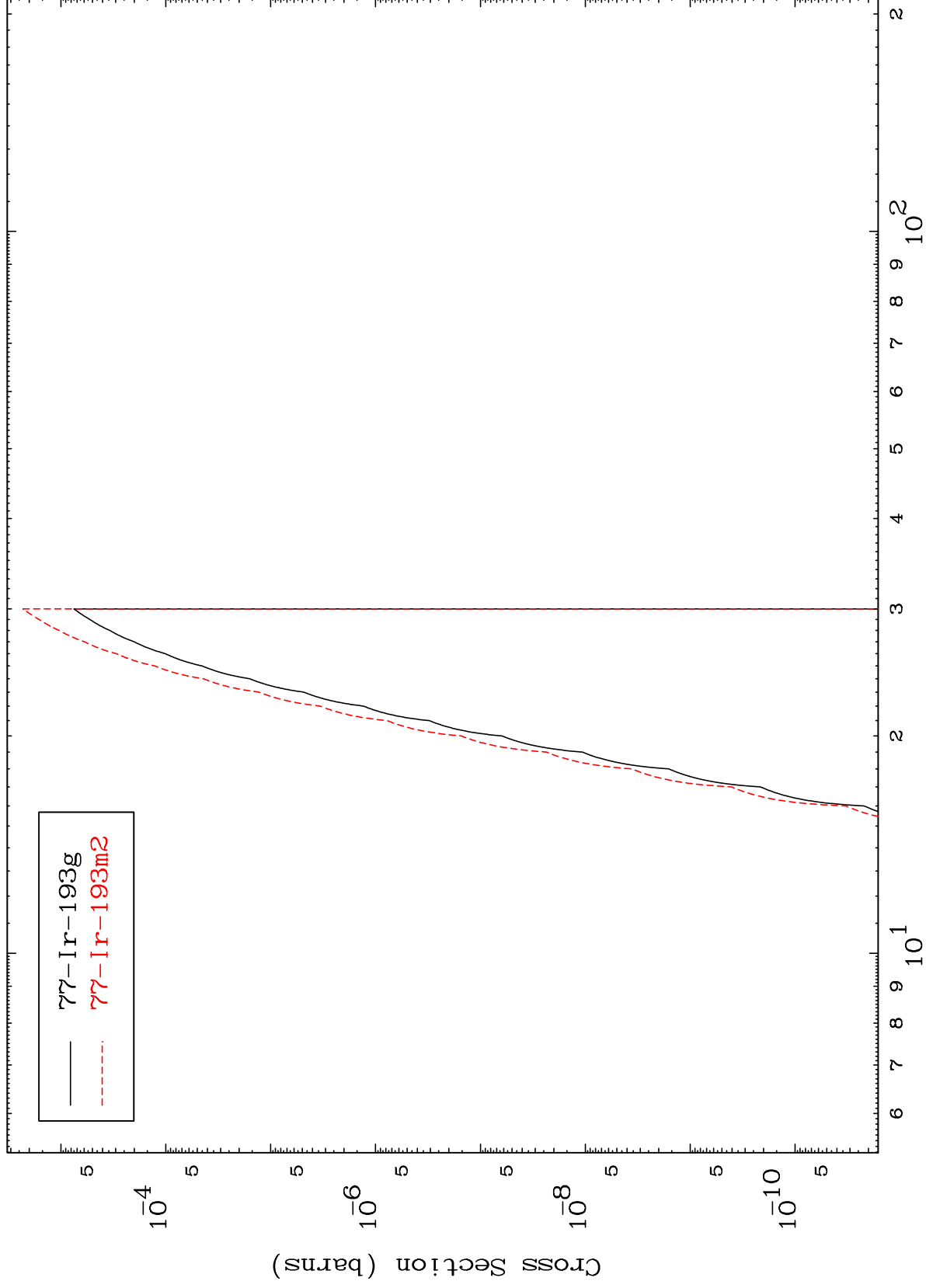


77-Ir-194g

MAT 7928

79-Au-198

(n,2n) α
Radionuclide Production Cross Section

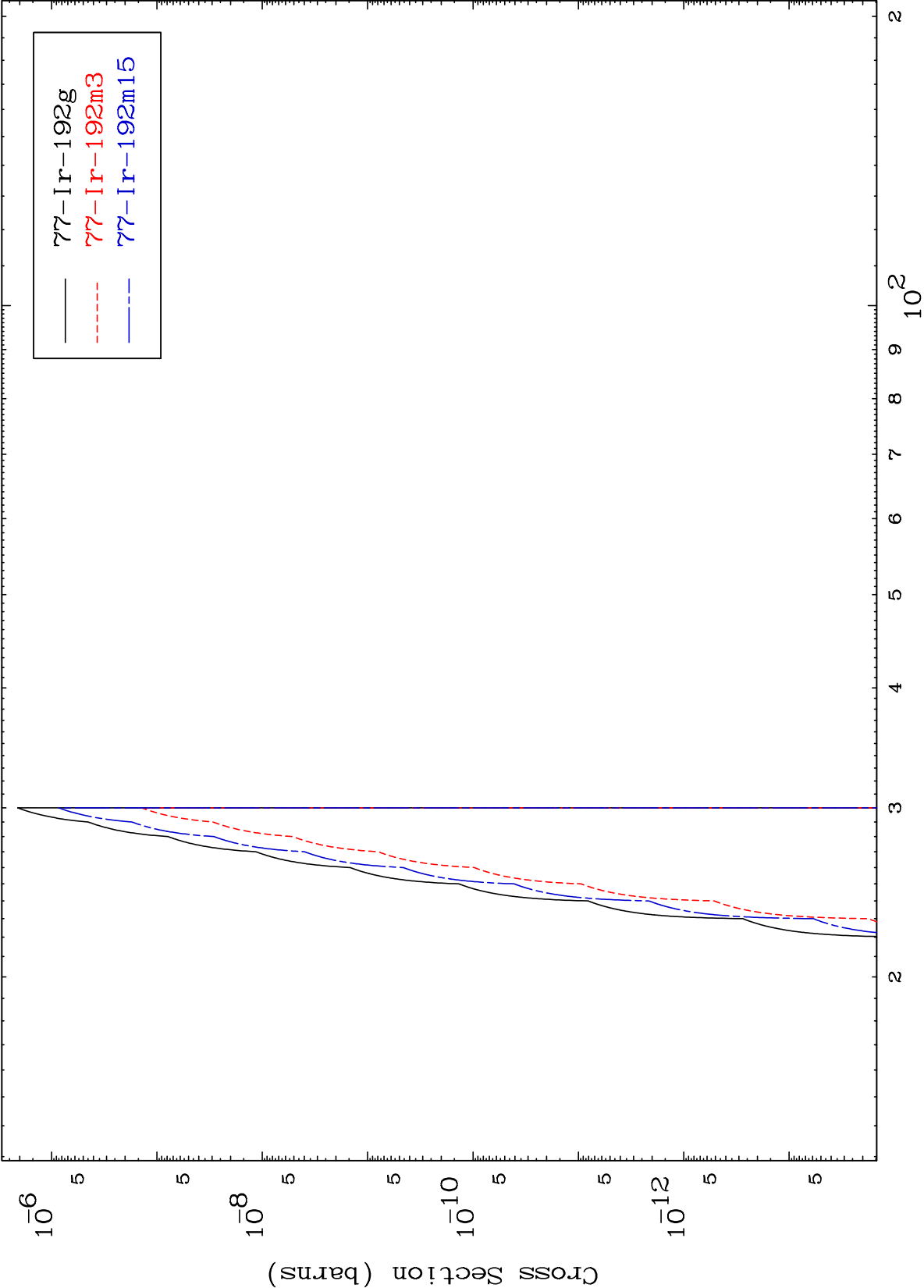


85

Incident Energy (MeV)

79-Au-198

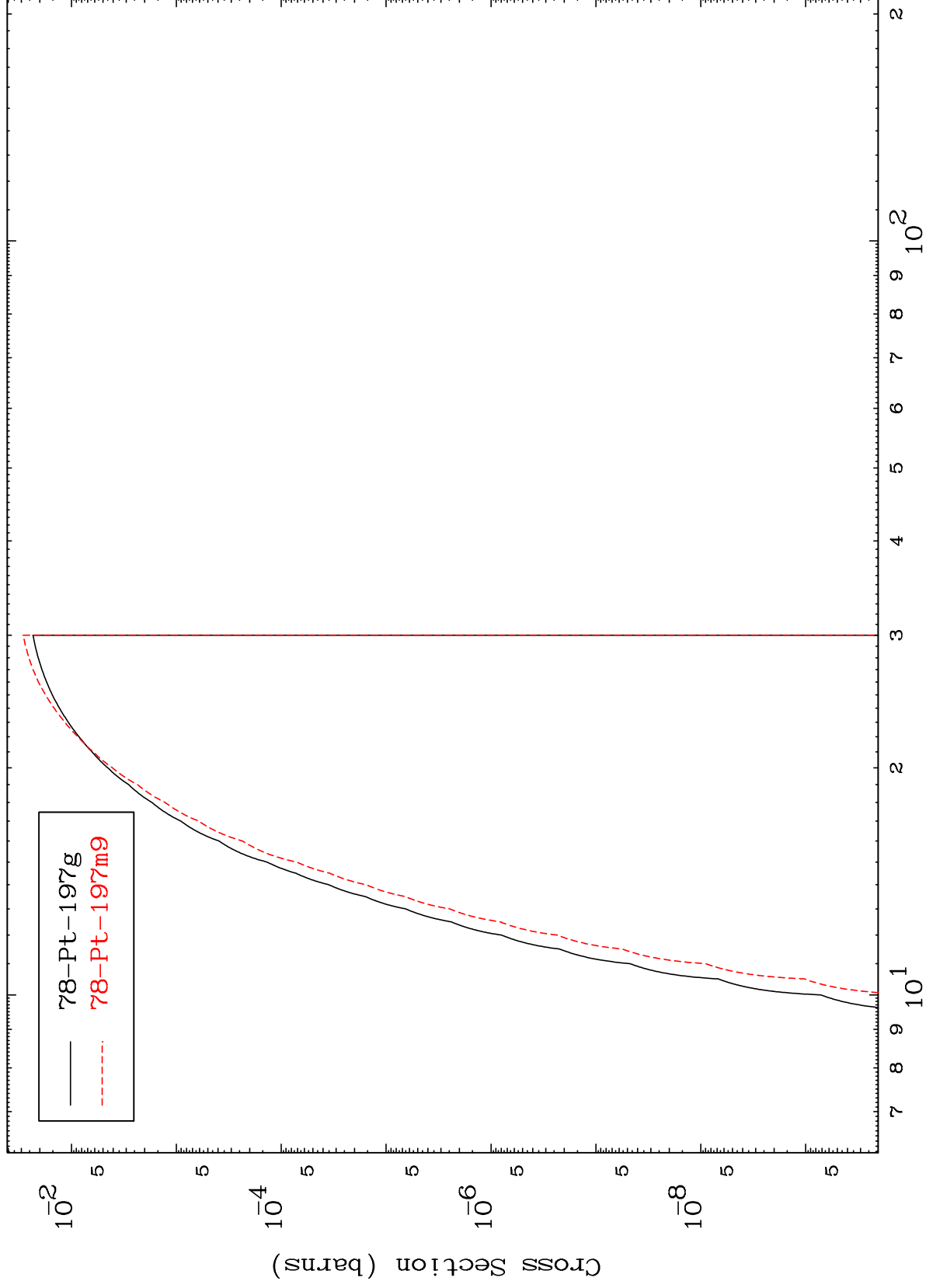
Radionuclide Production Cross Section



MAT 7928

79-Au-198

(n,n') p
Radionuclide Production Cross Section

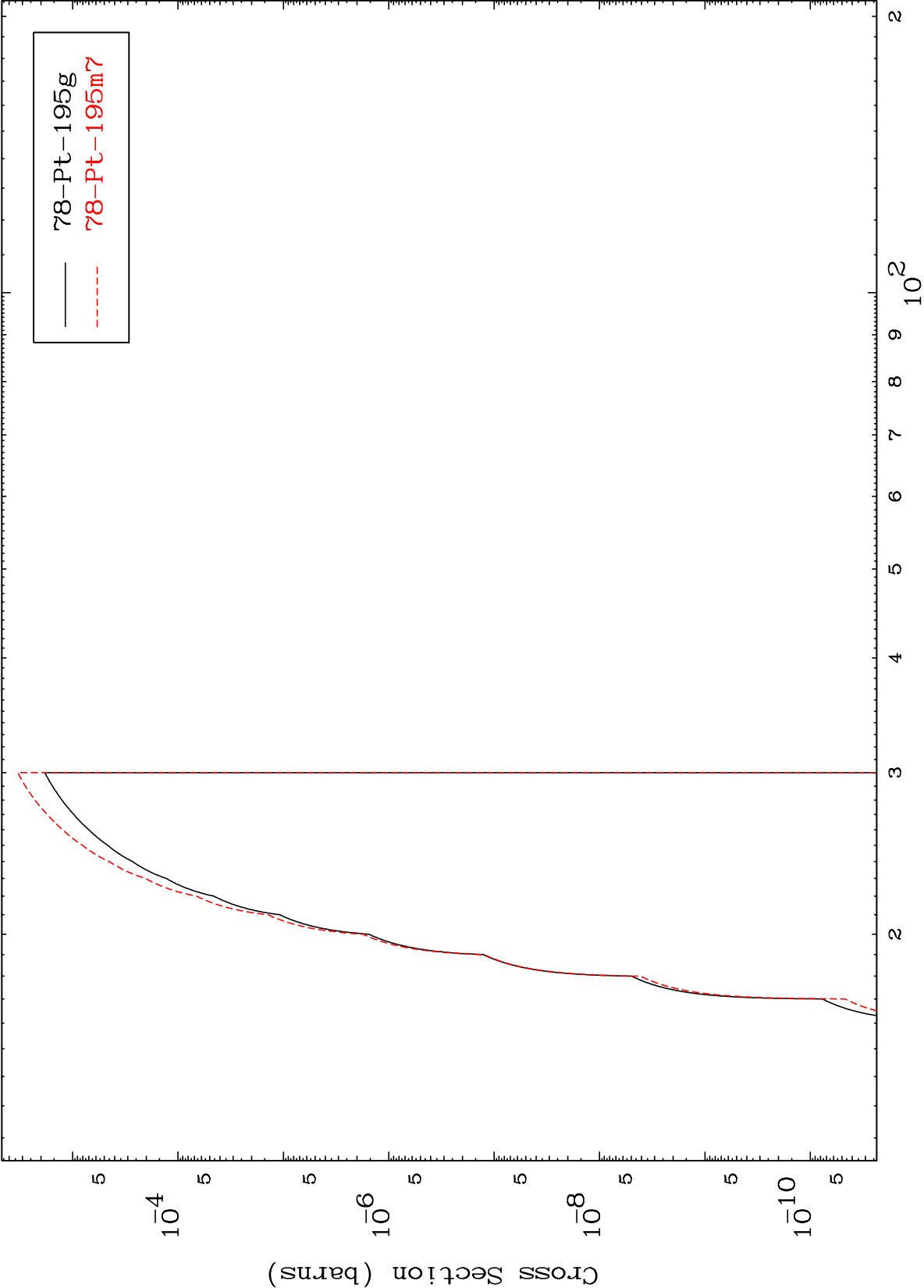


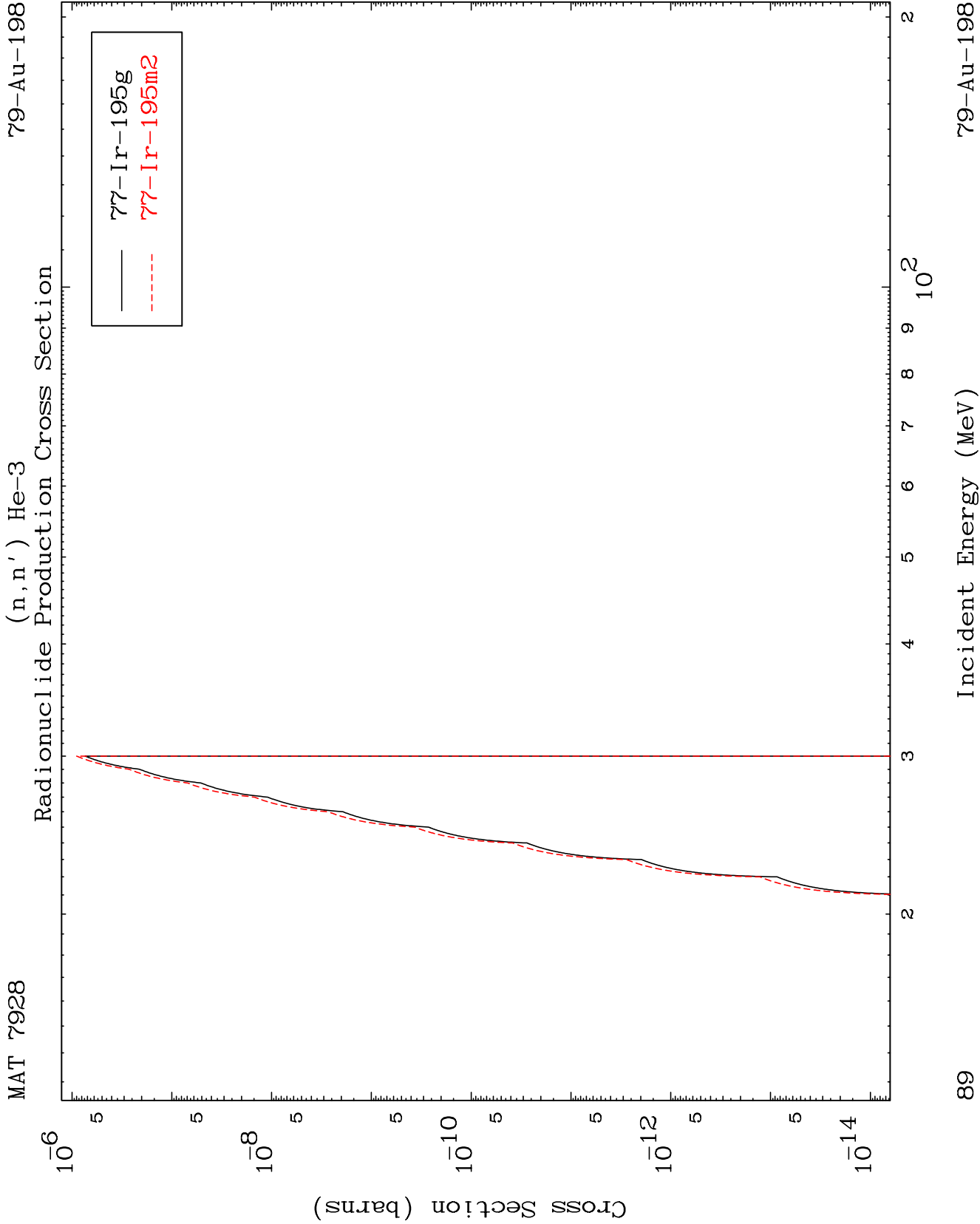
87

Incident Energy (MeV)

79-Au-198

Radionuclide Production Cross Section

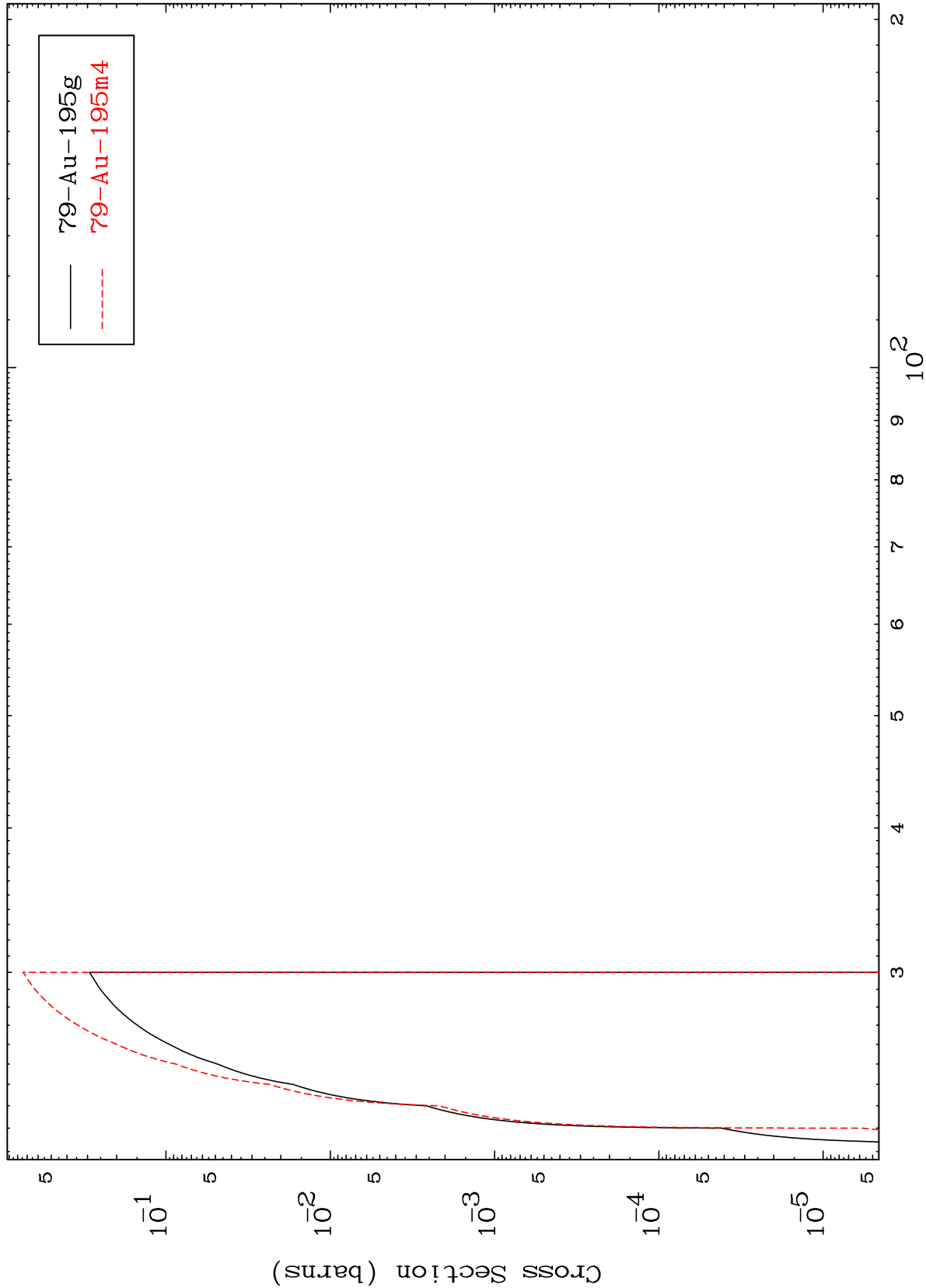




MAT 7928

79-Au-198

$(n,4n)$
Radionuclide Production Cross Section

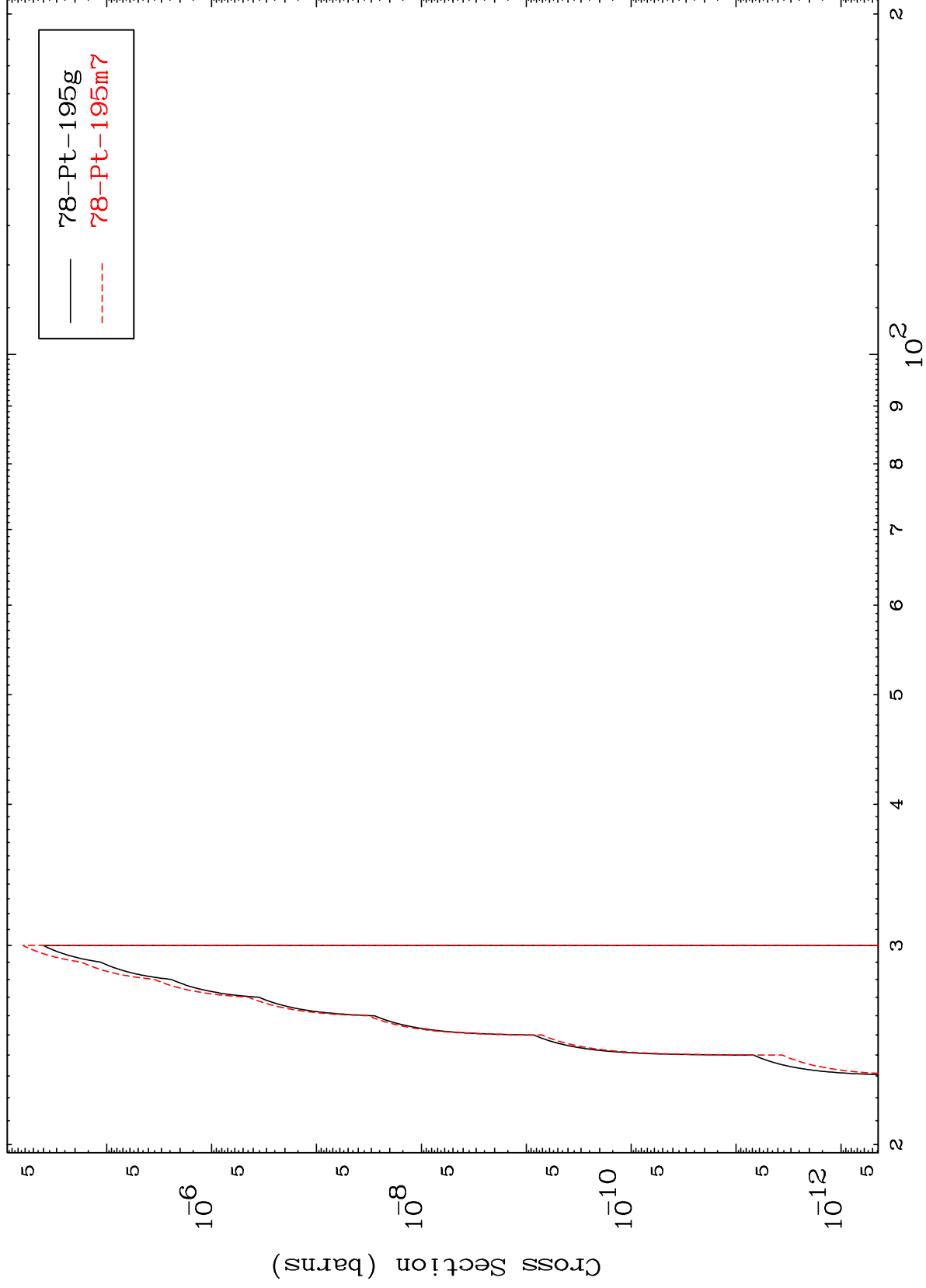


90

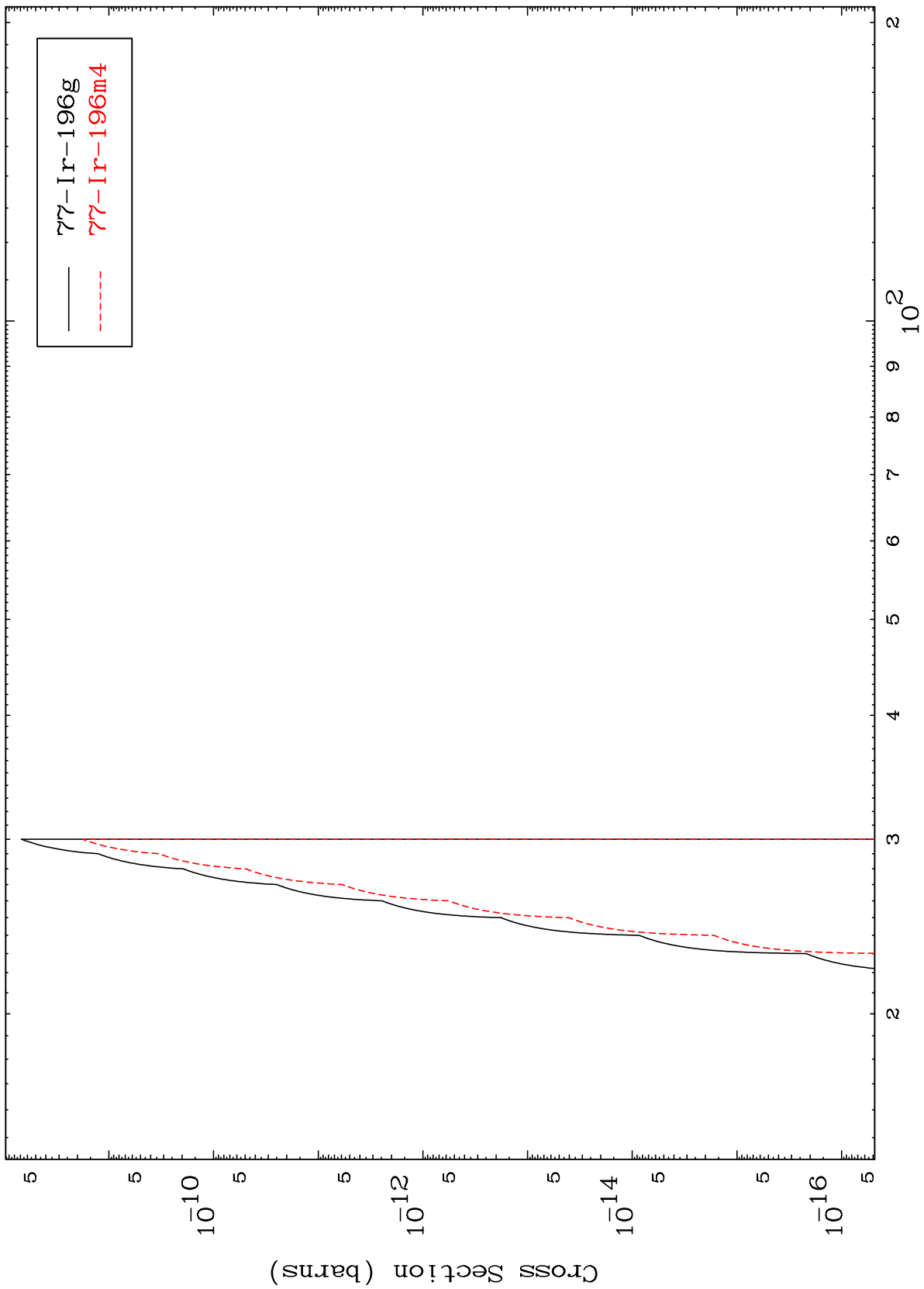
Incident Energy (MeV)

79-Au-198

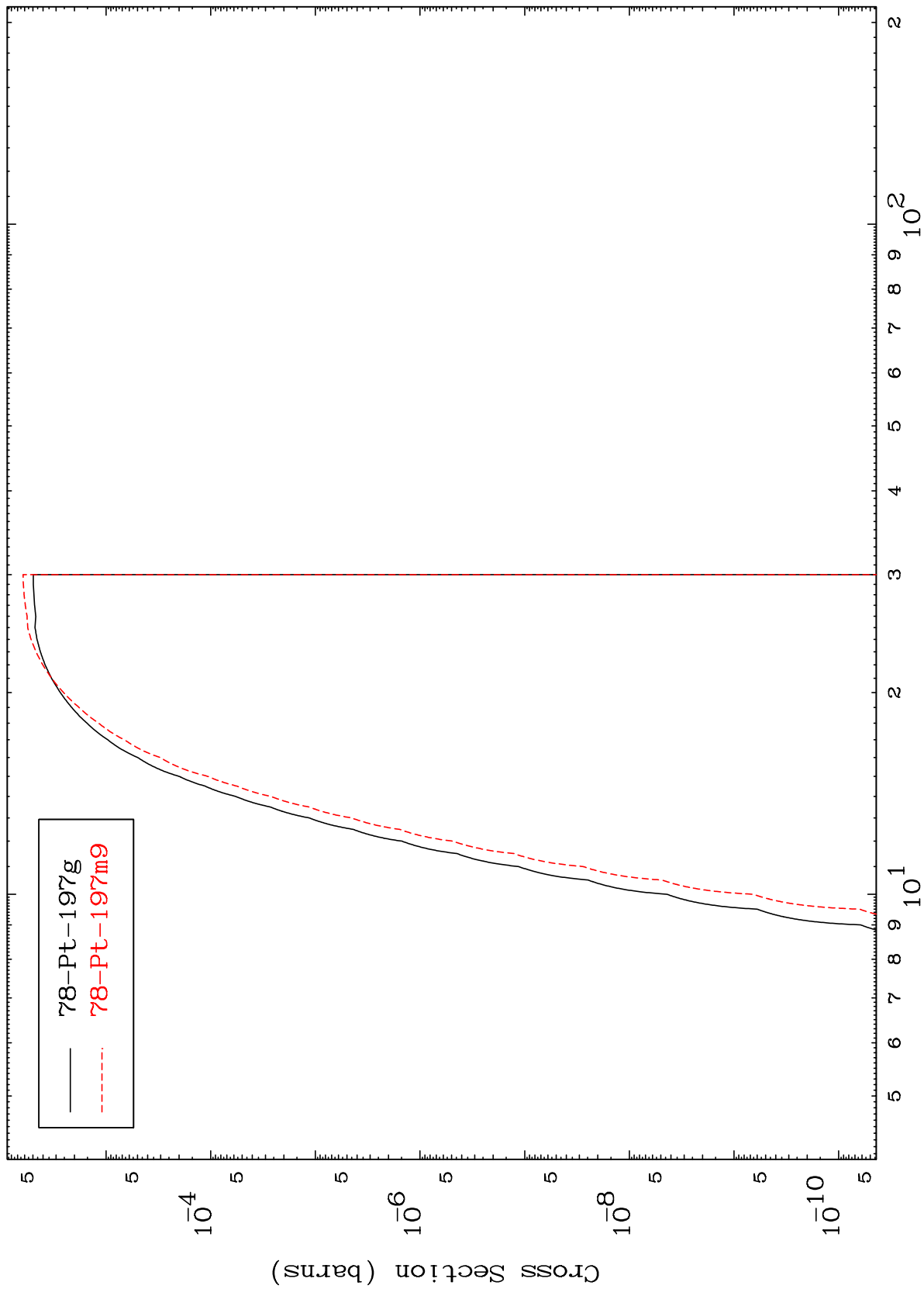
(n,3n) p
Radionuclide Production Cross Section

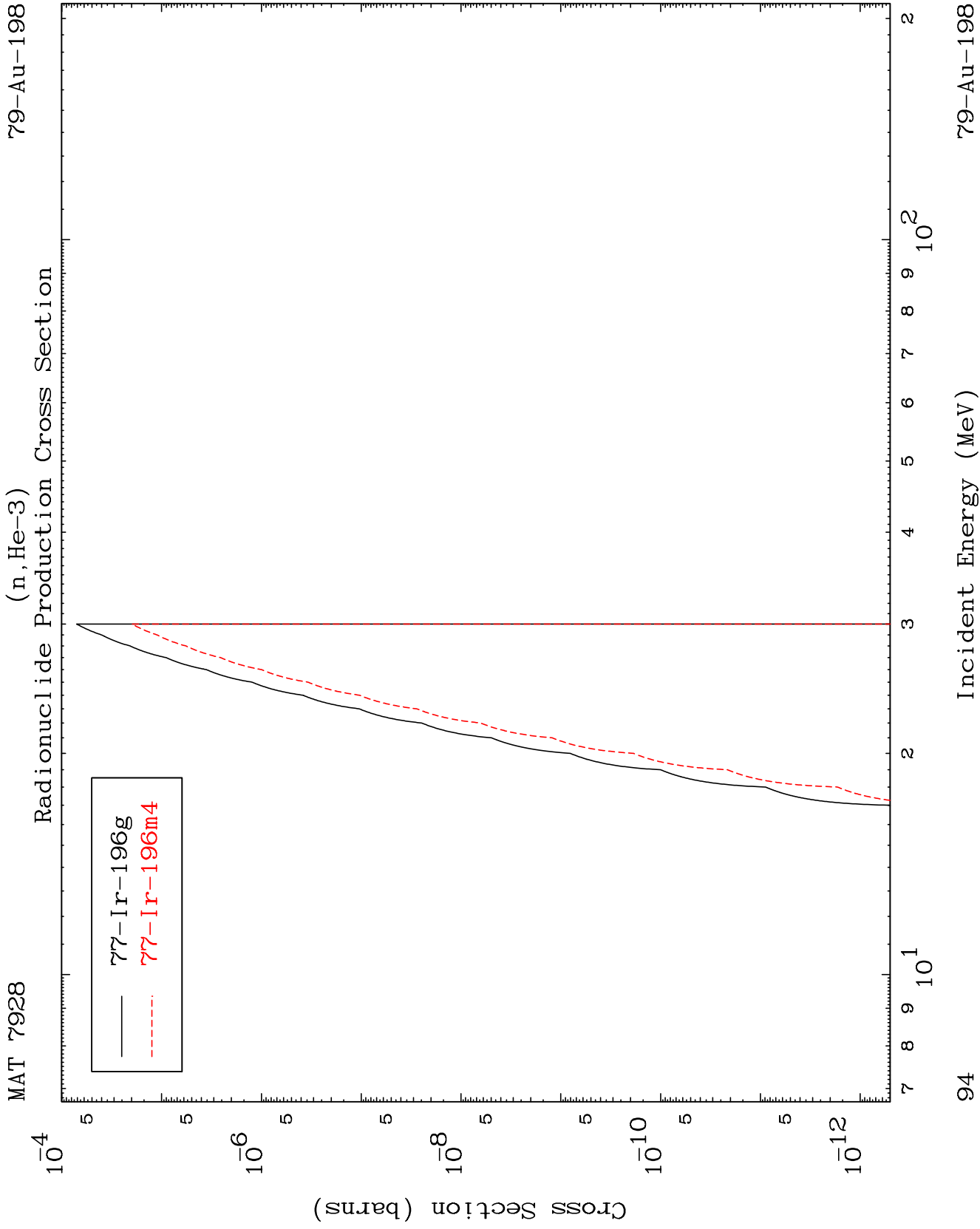


(n,2n) p
Radionuclide Production Cross Section

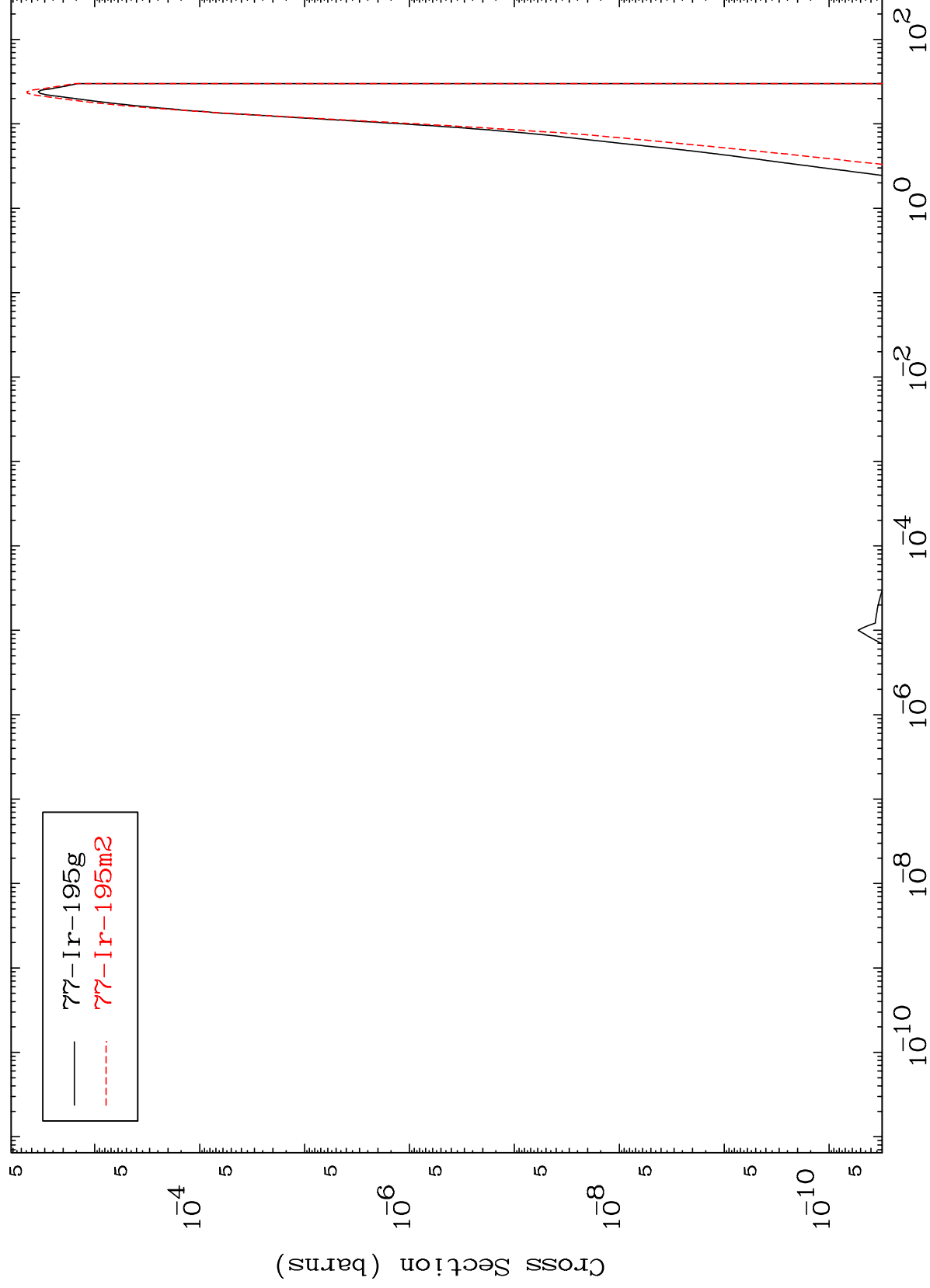


Radionuclide Production Cross Section (n,d)





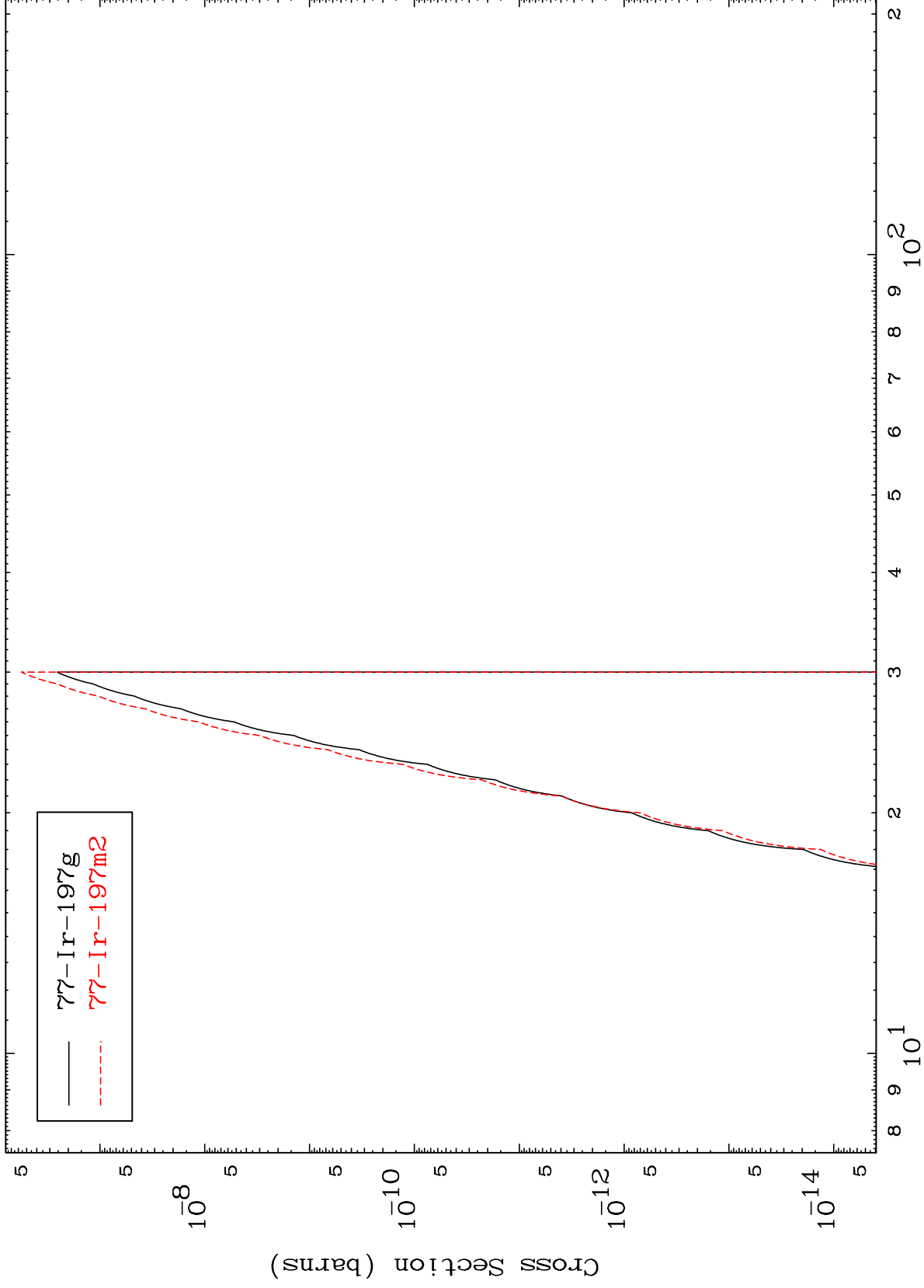
(n,α)
Radionuclide Production Cross Section



MAT 7928

79-Au-198

Radionuclide Production Cross Section
(n,2p)



96

Incident Energy (MeV)

79-Au-198