

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

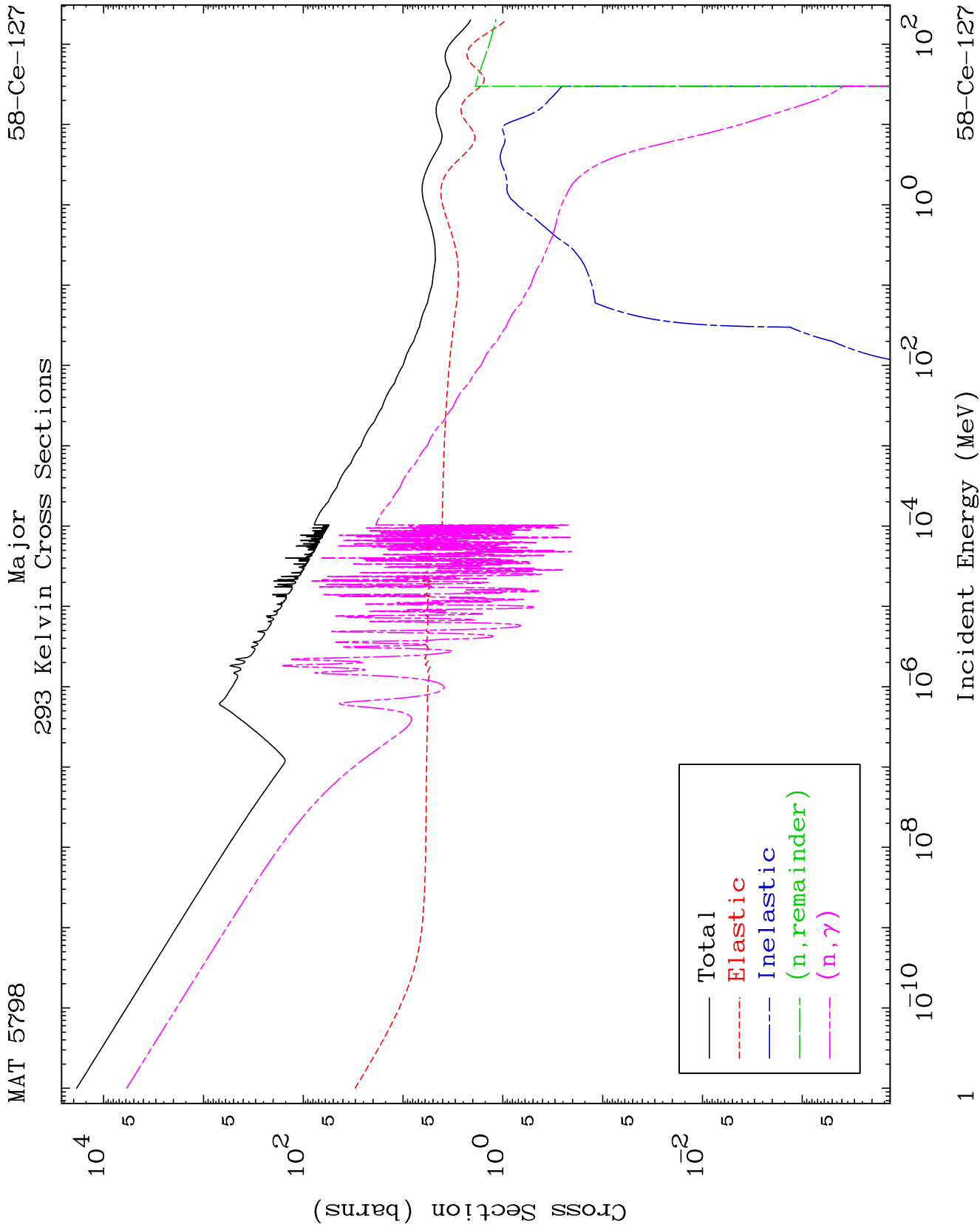
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

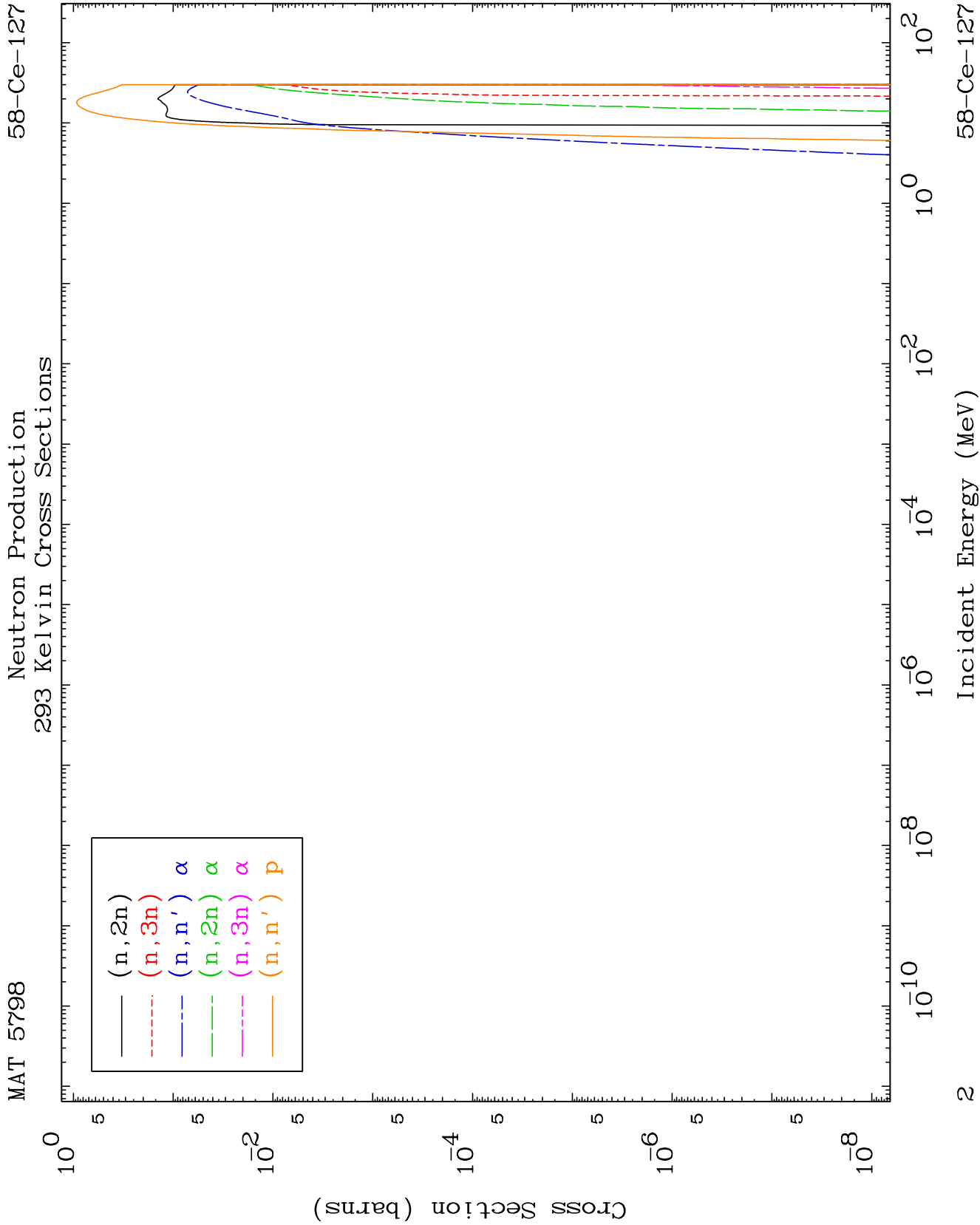
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

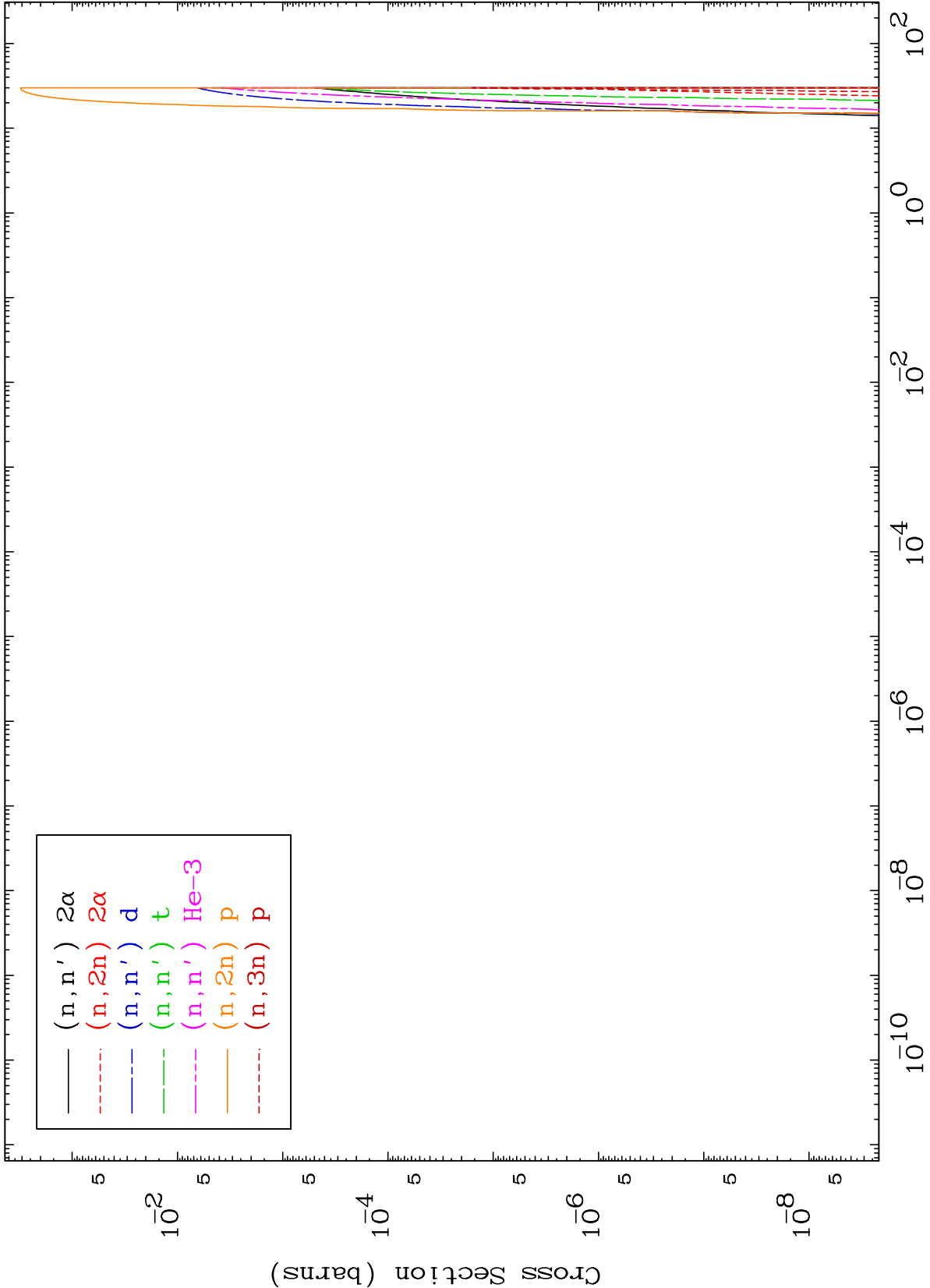




MAT 5798

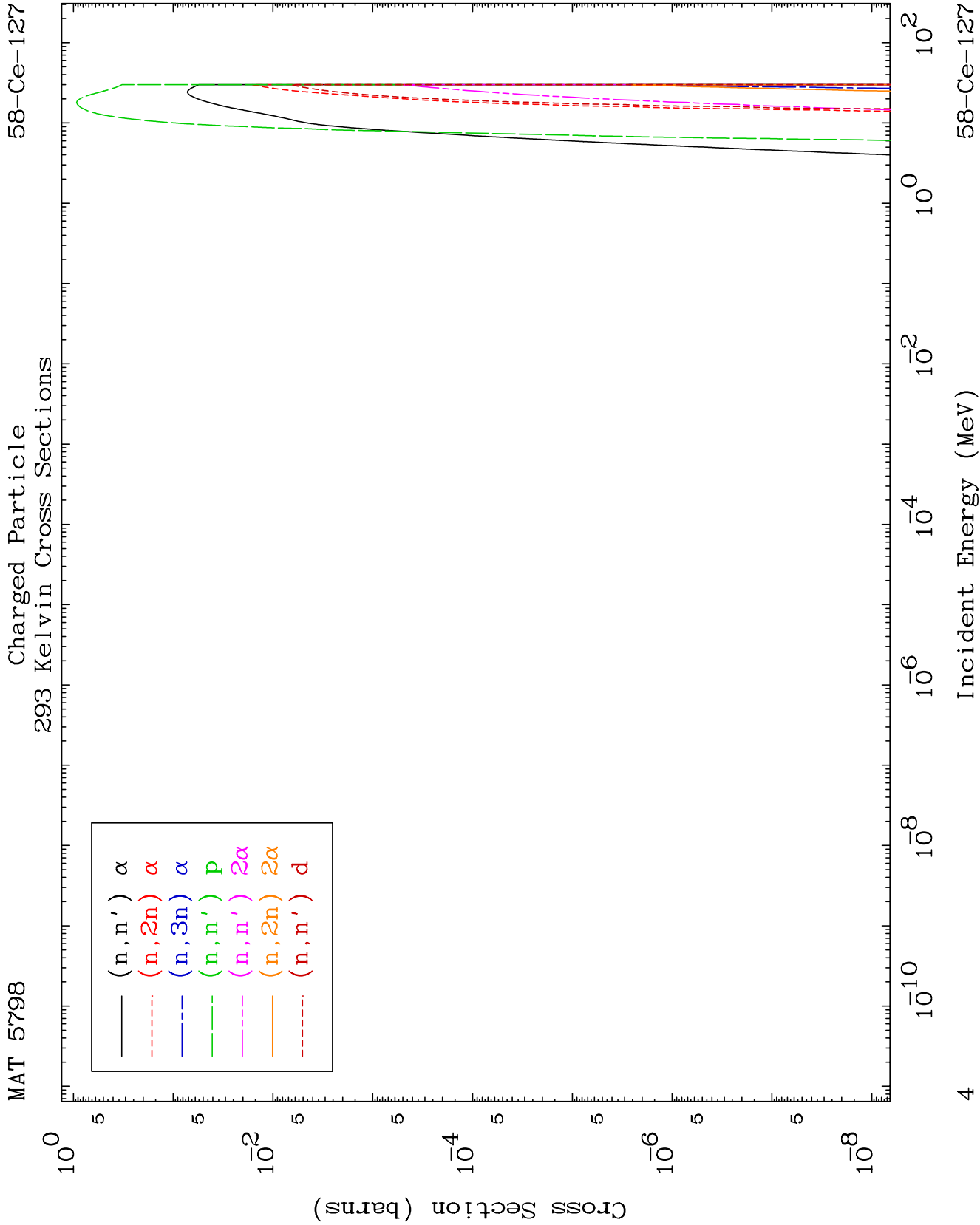
Neutron Production
293 Kelvin Cross Sections

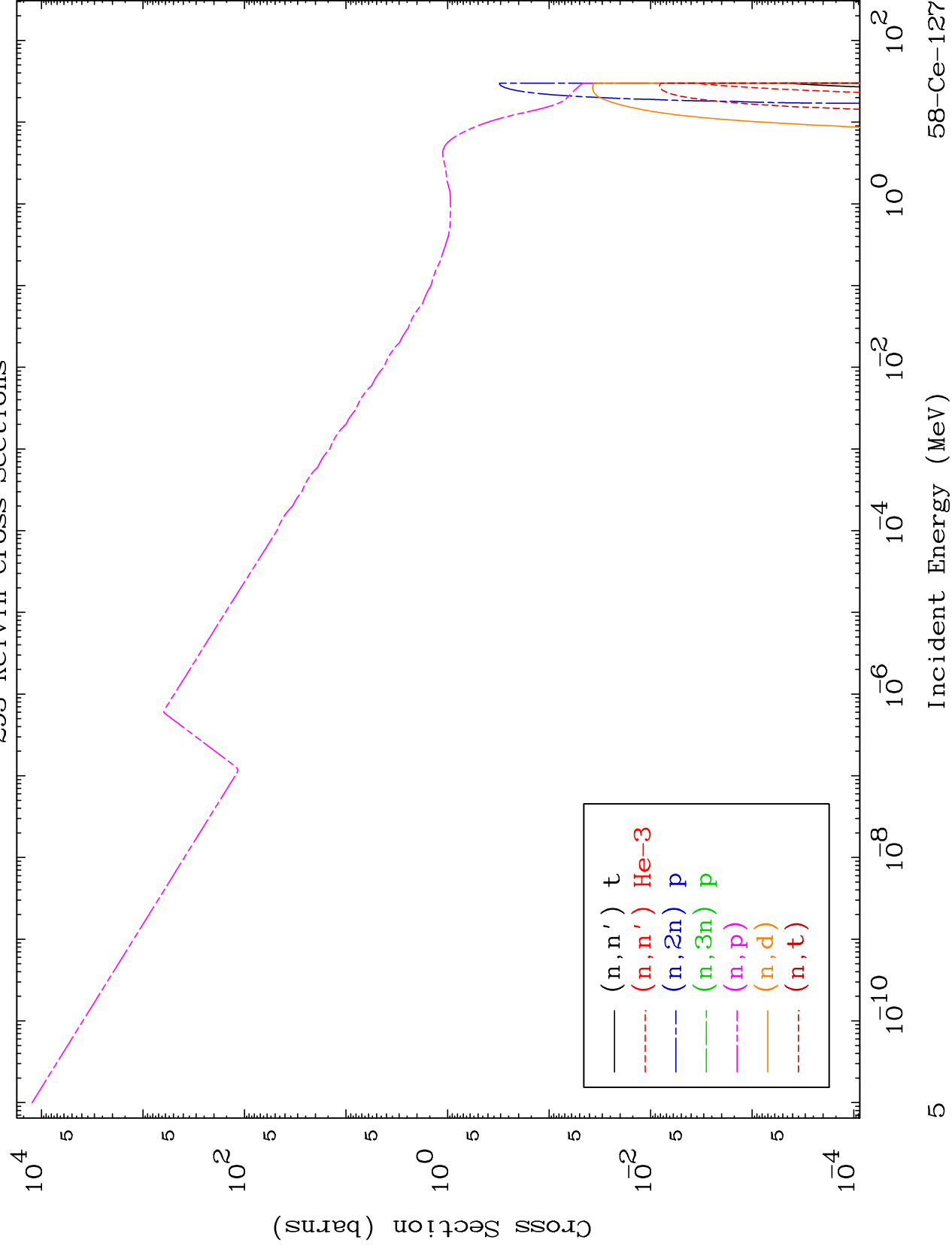
58-Ce-127

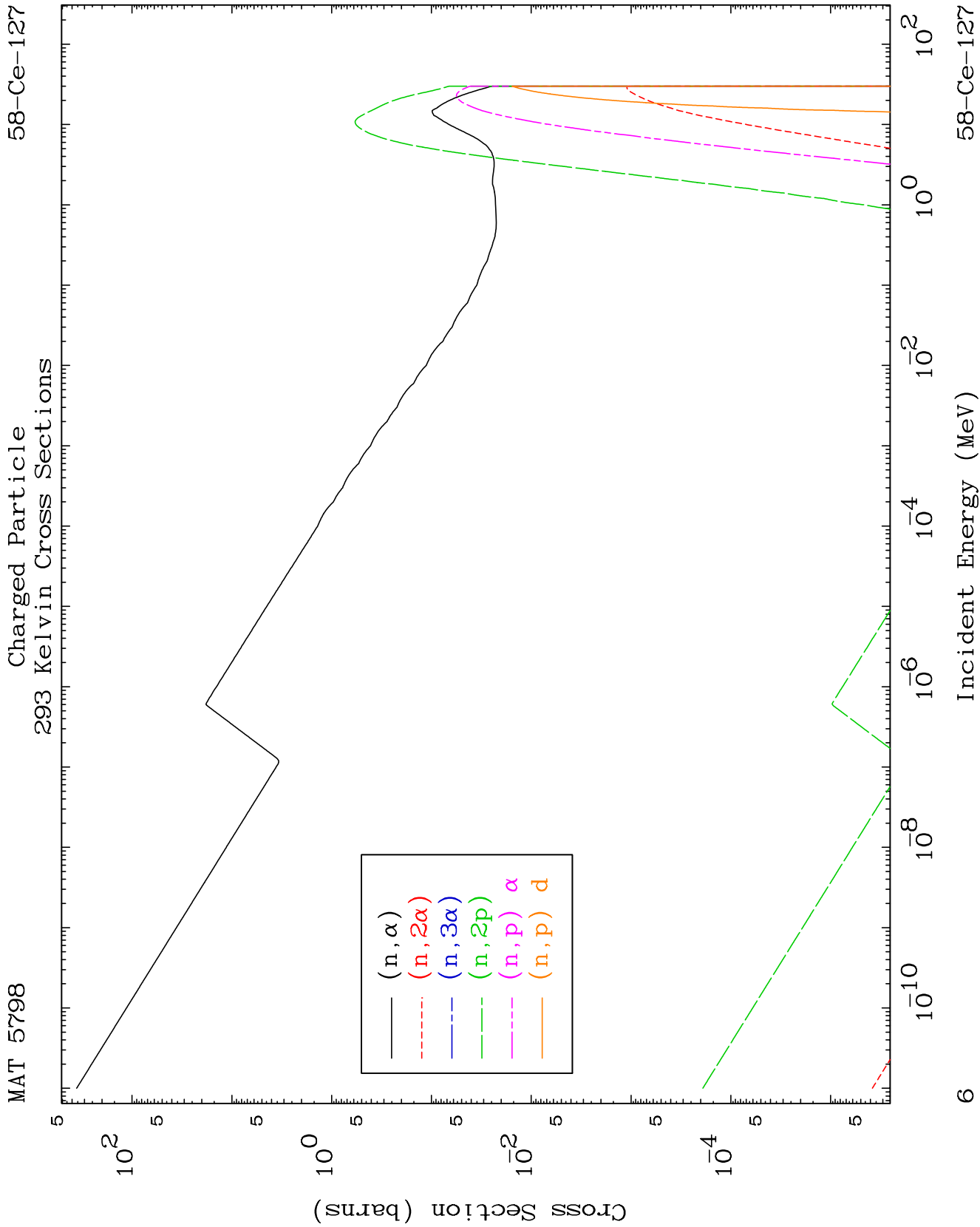


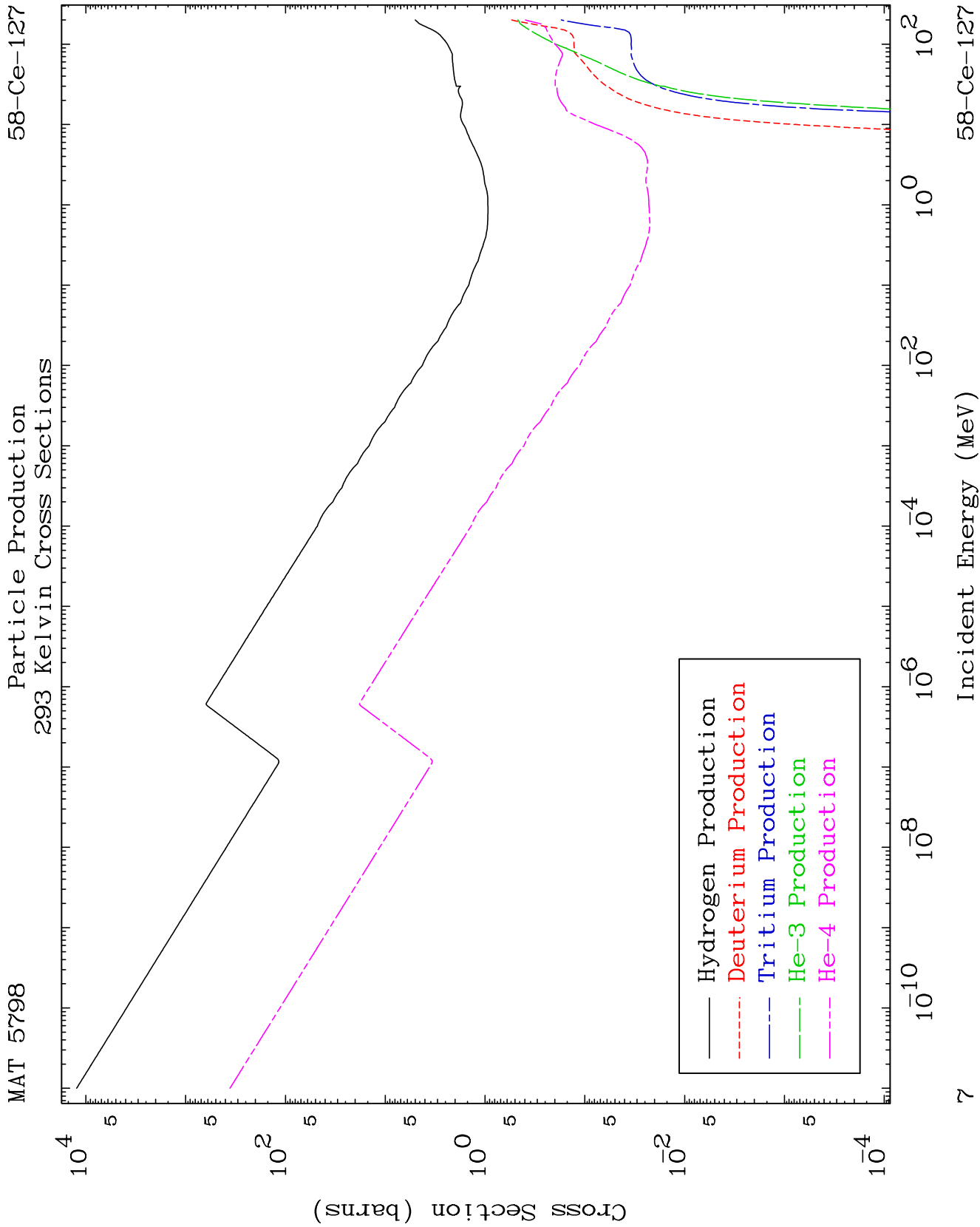
Incident Energy (MeV)

58-Ce-127





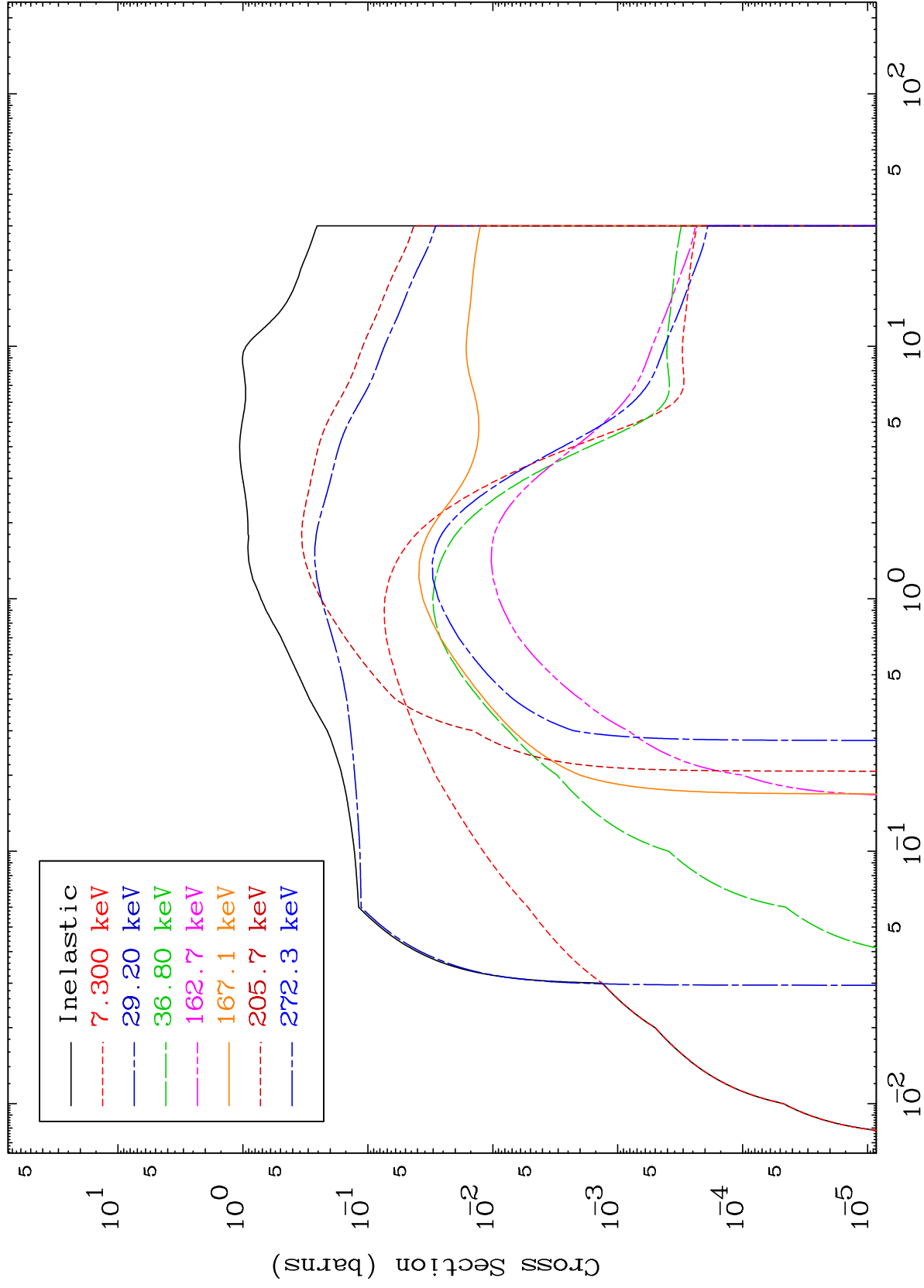




MAT 5798

58-Ce-127

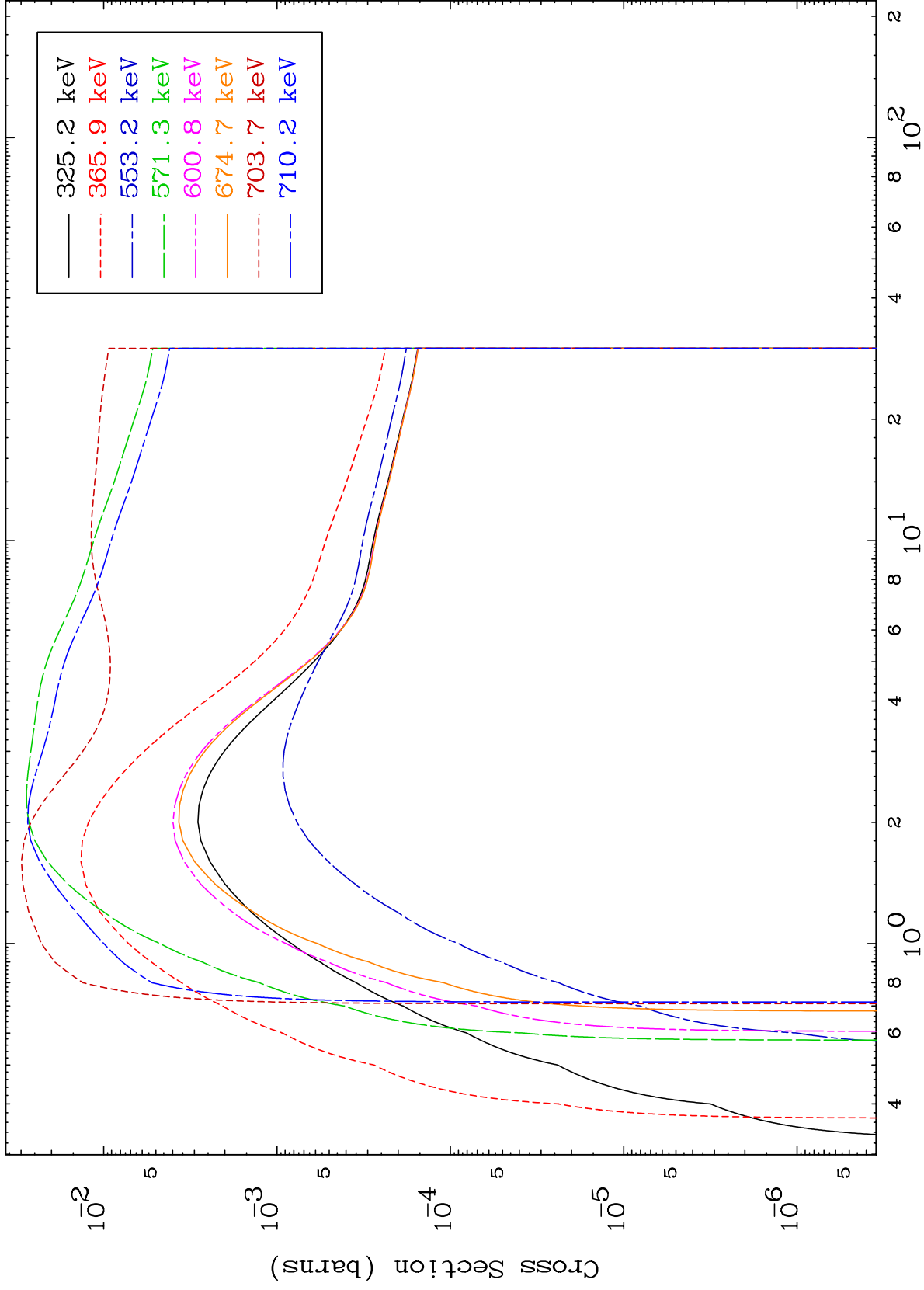
(n,n') Level
293 Kelvin Cross Sections

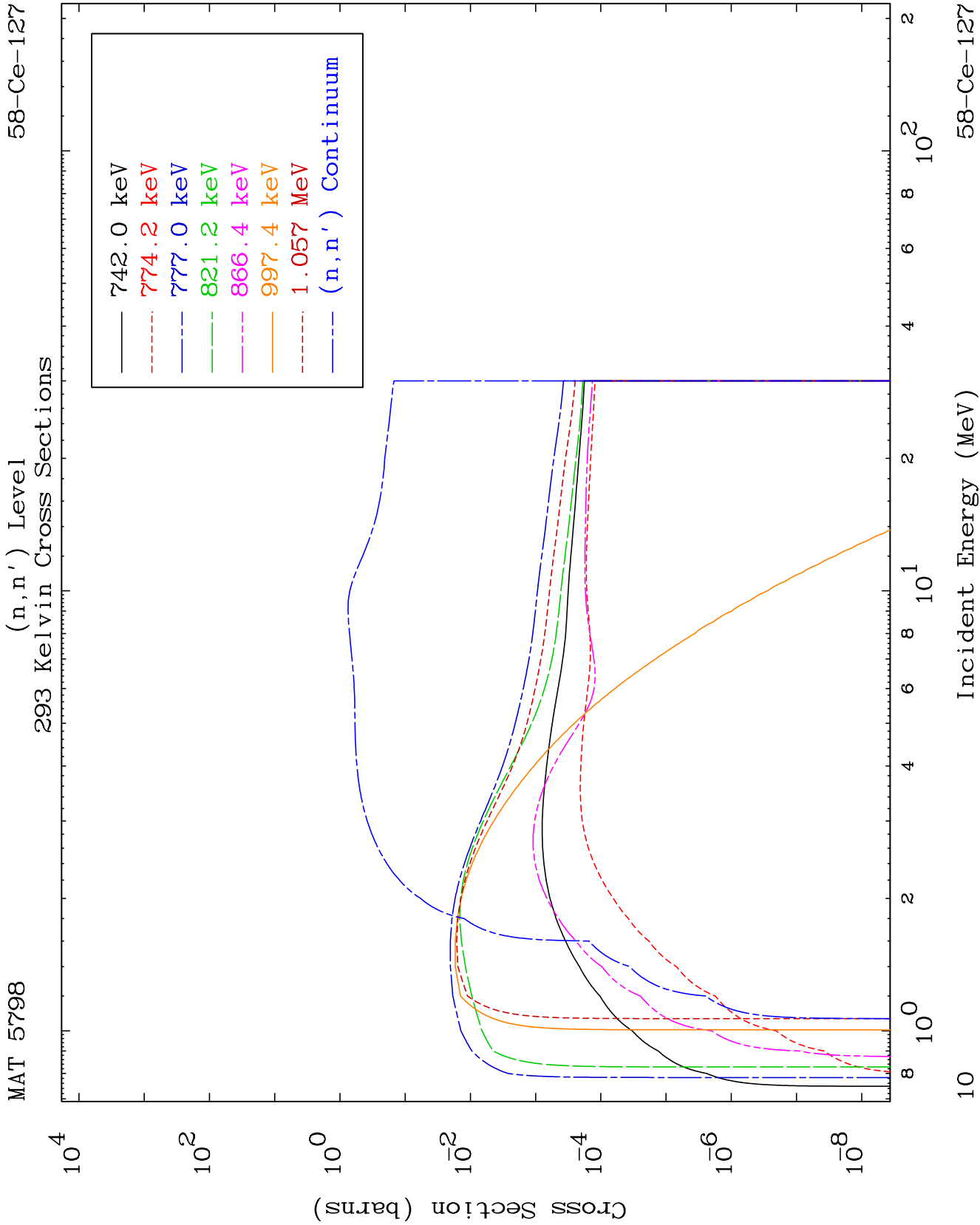


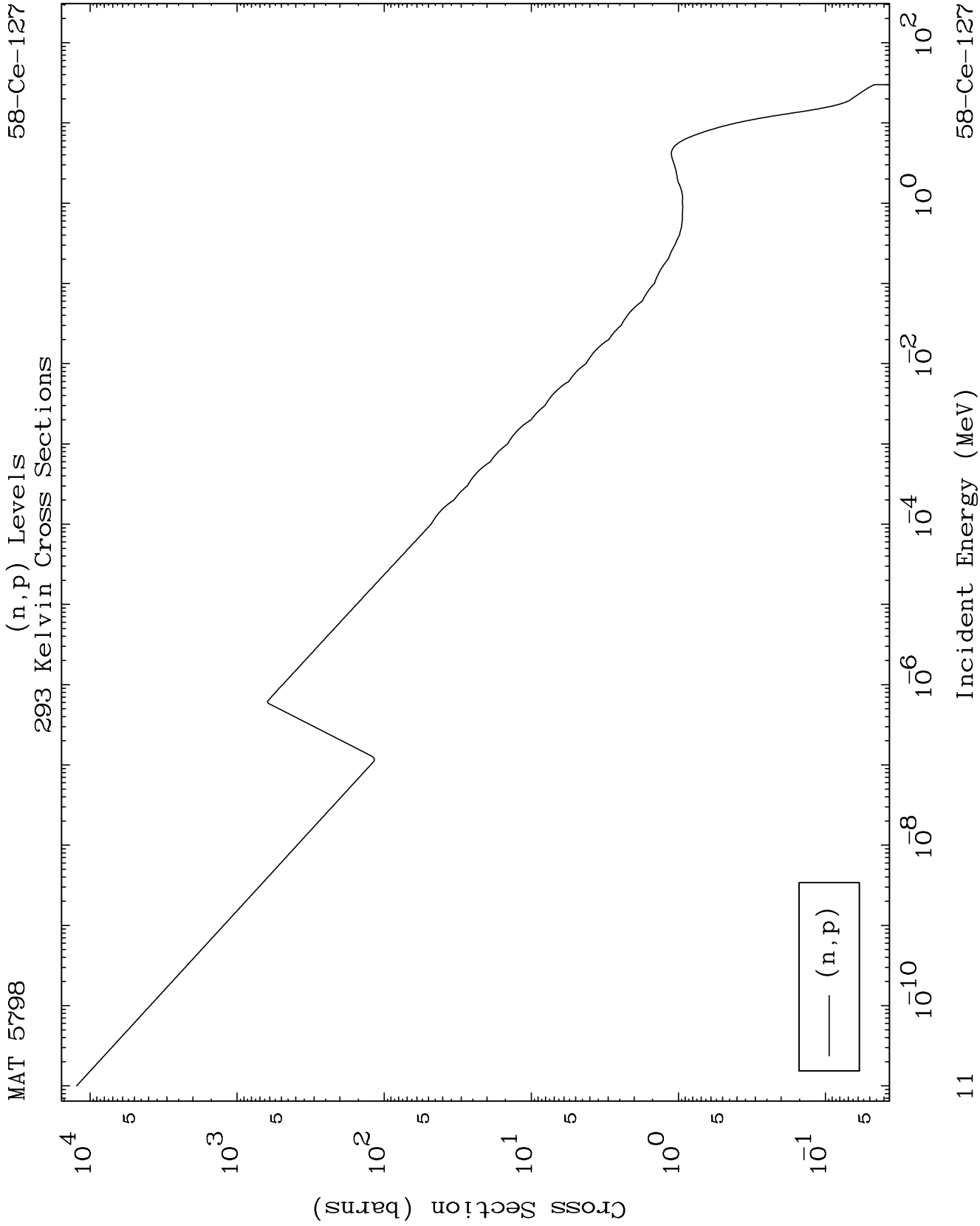
58-Ce-127

Incident Energy (MeV)

8



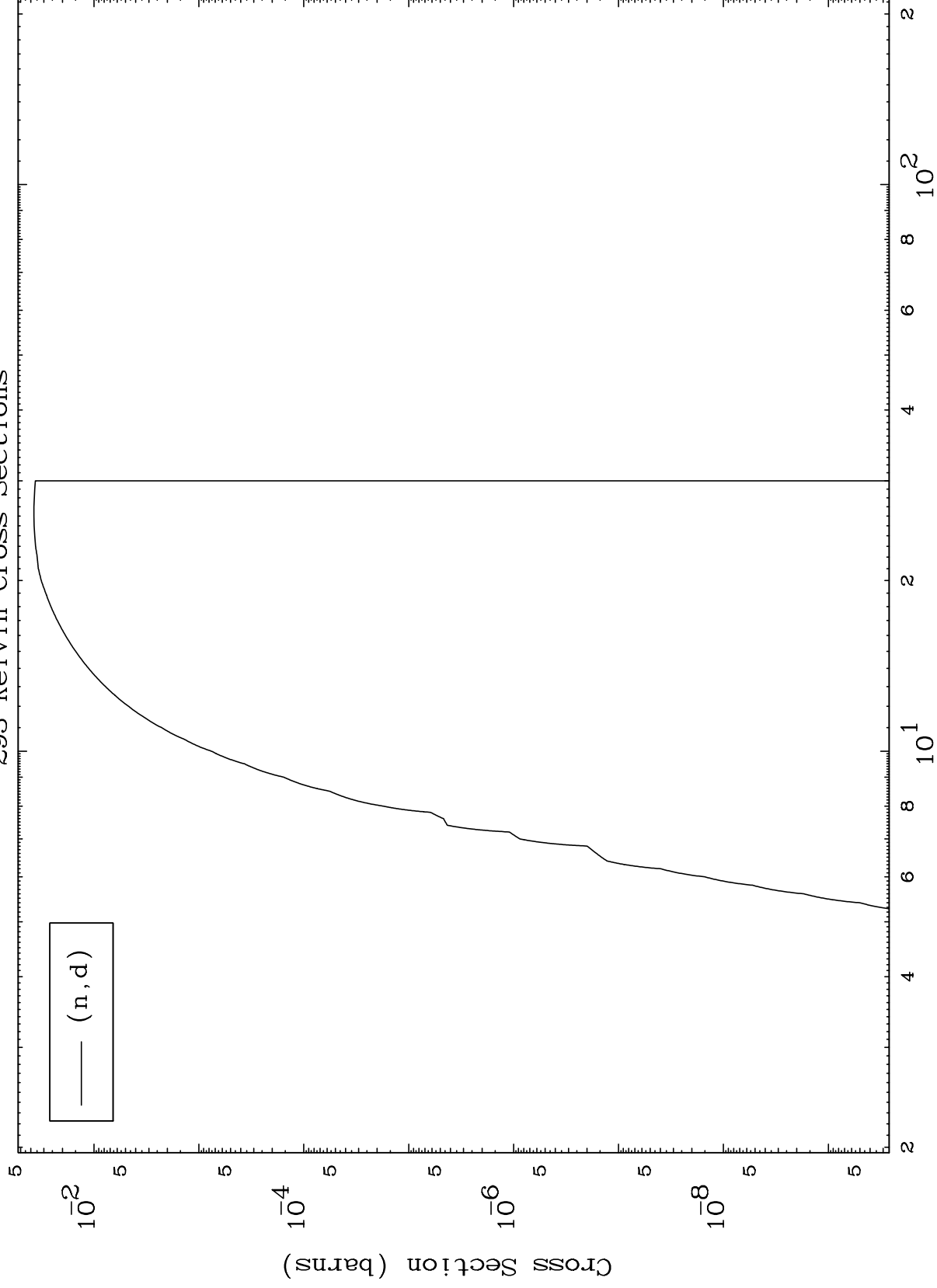




MAT 5798

58-Ce-127

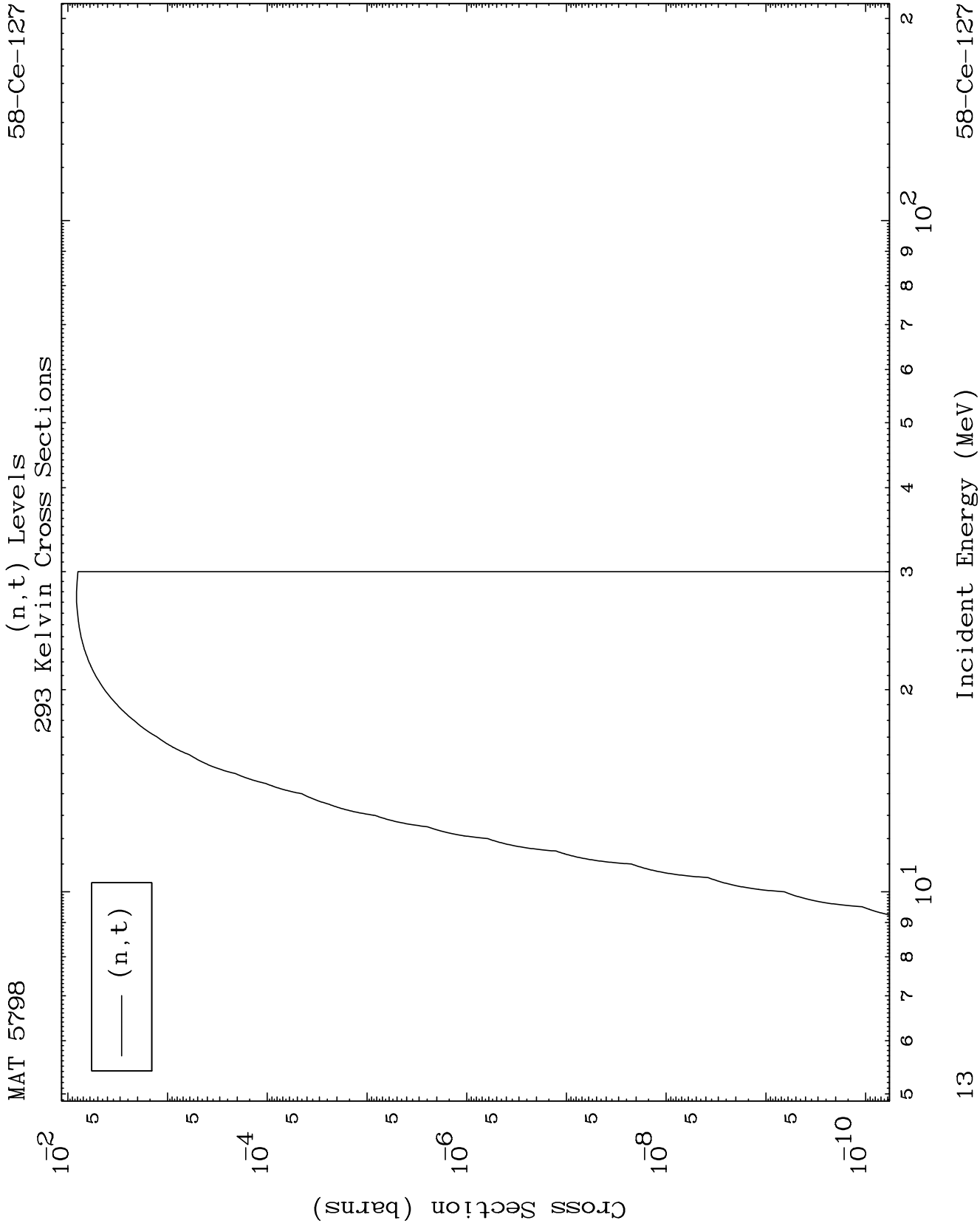
(n,d) Levels
293 Kelvin Cross Sections

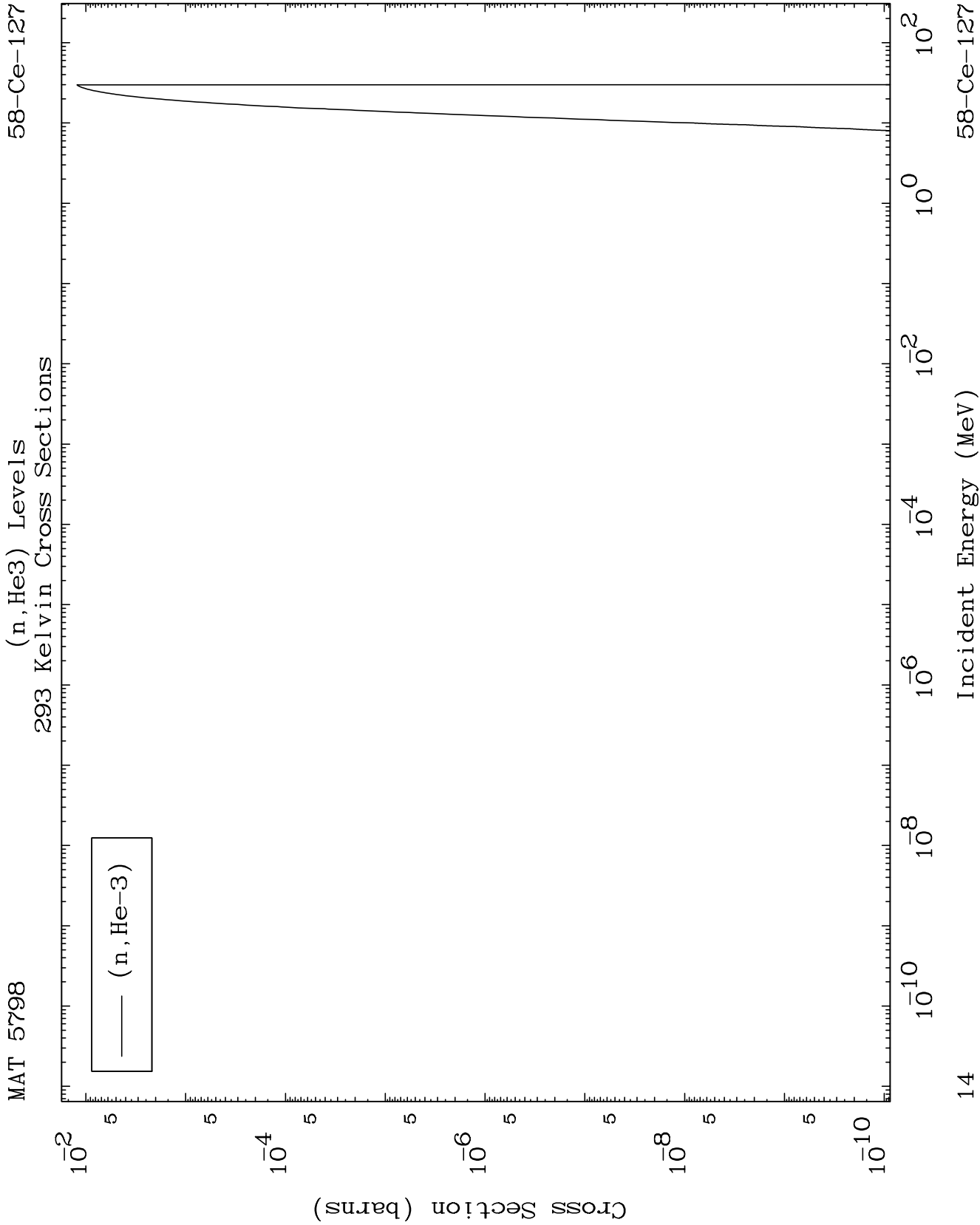


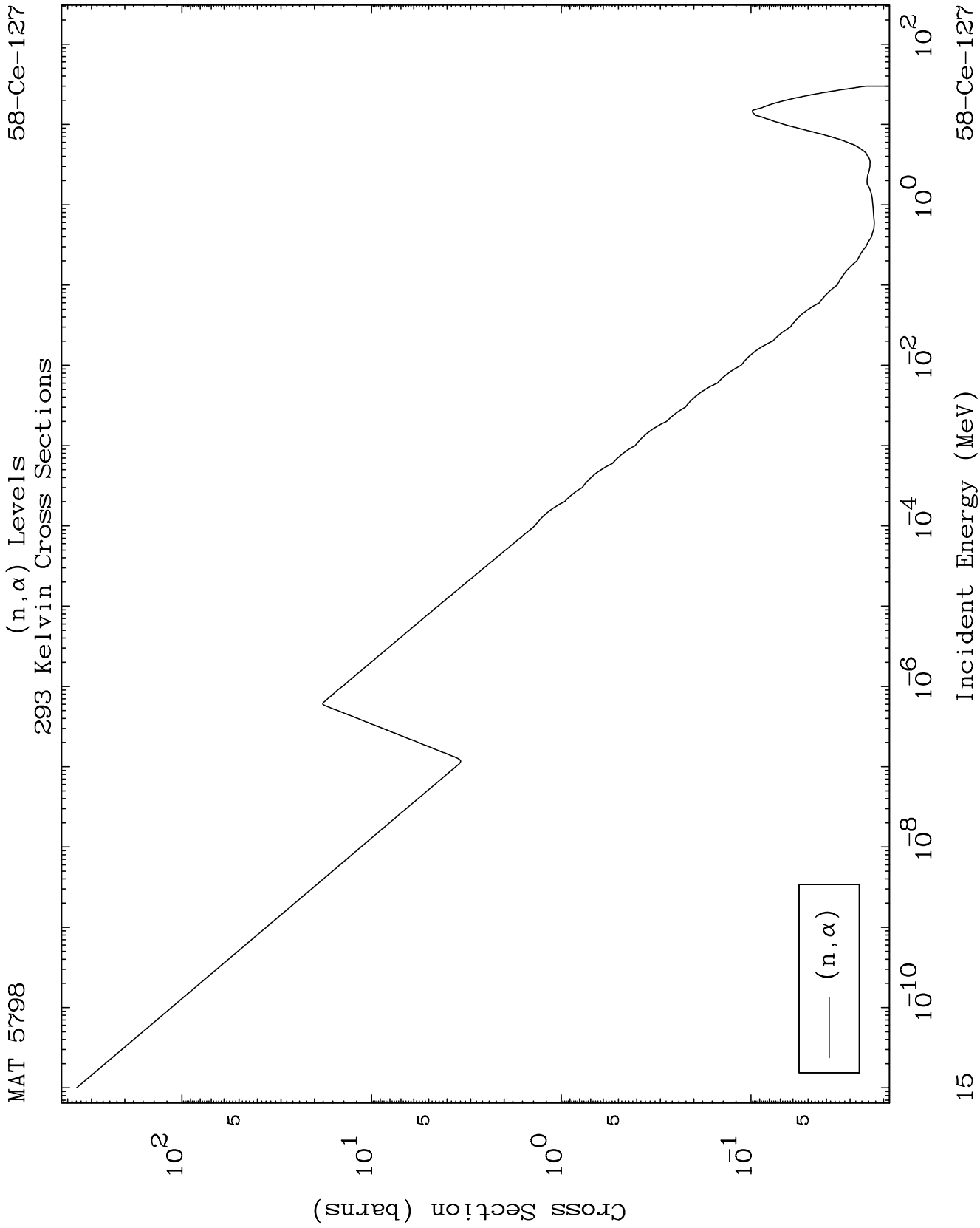
58-Ce-127

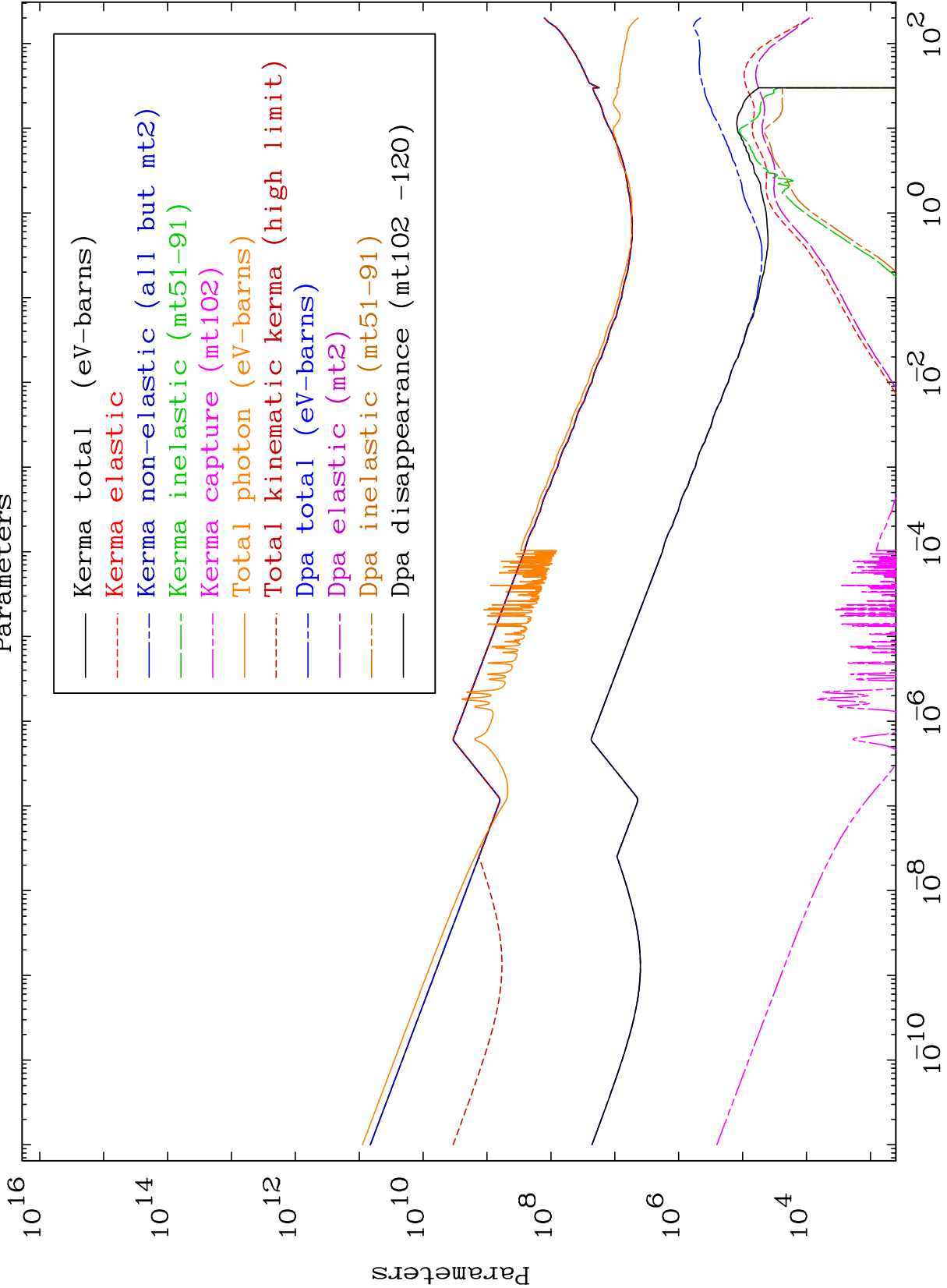
Incident Energy (MeV)

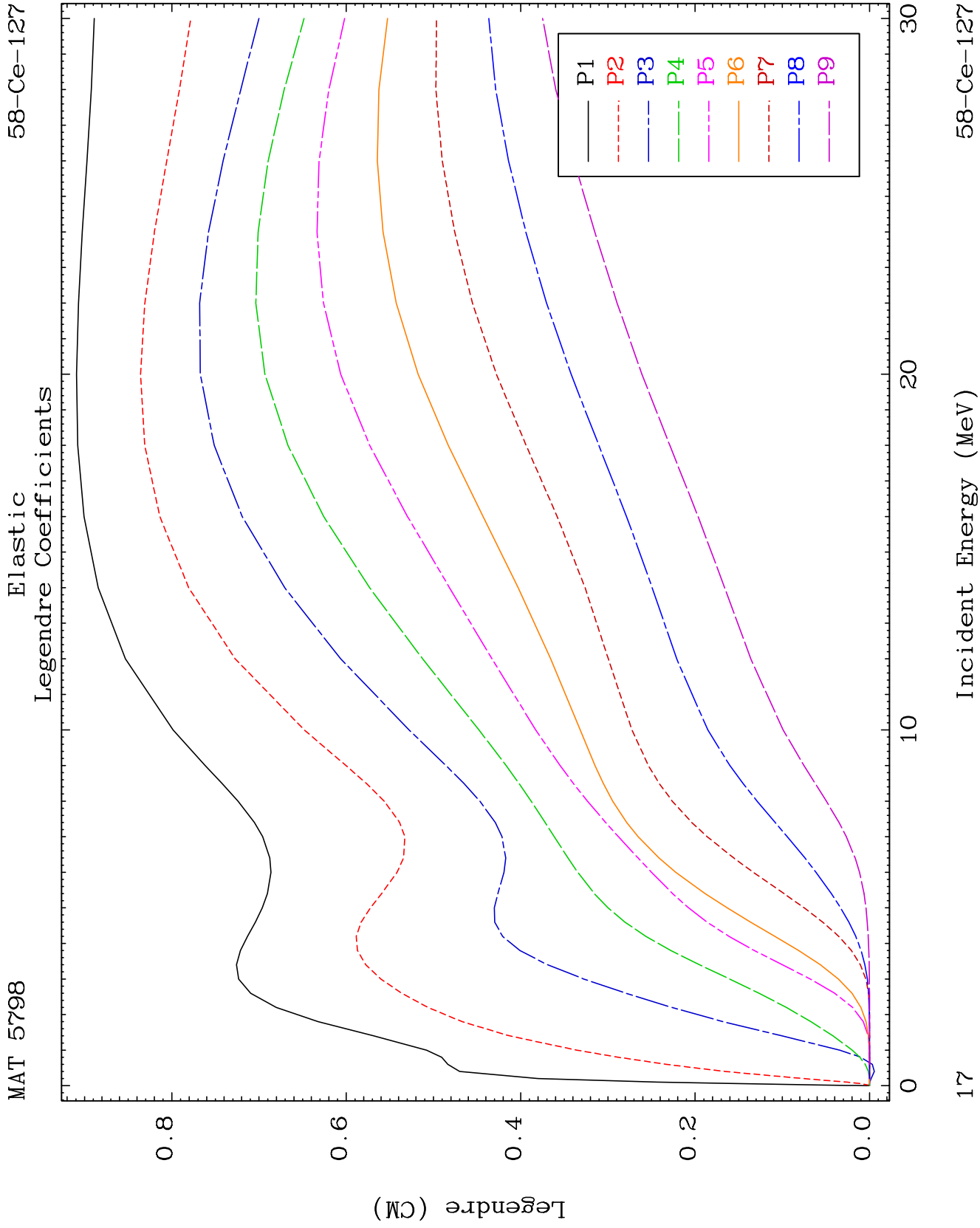
12

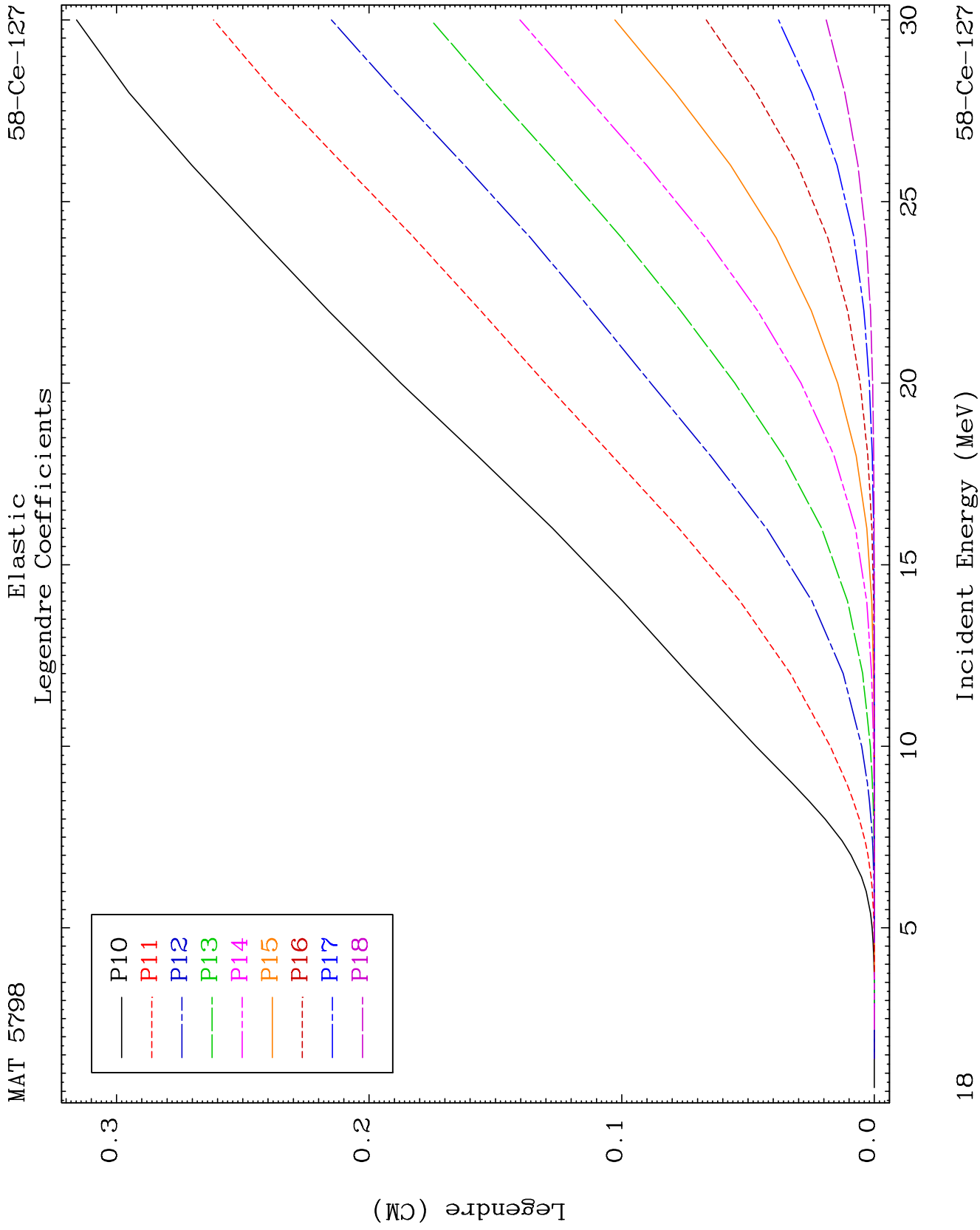








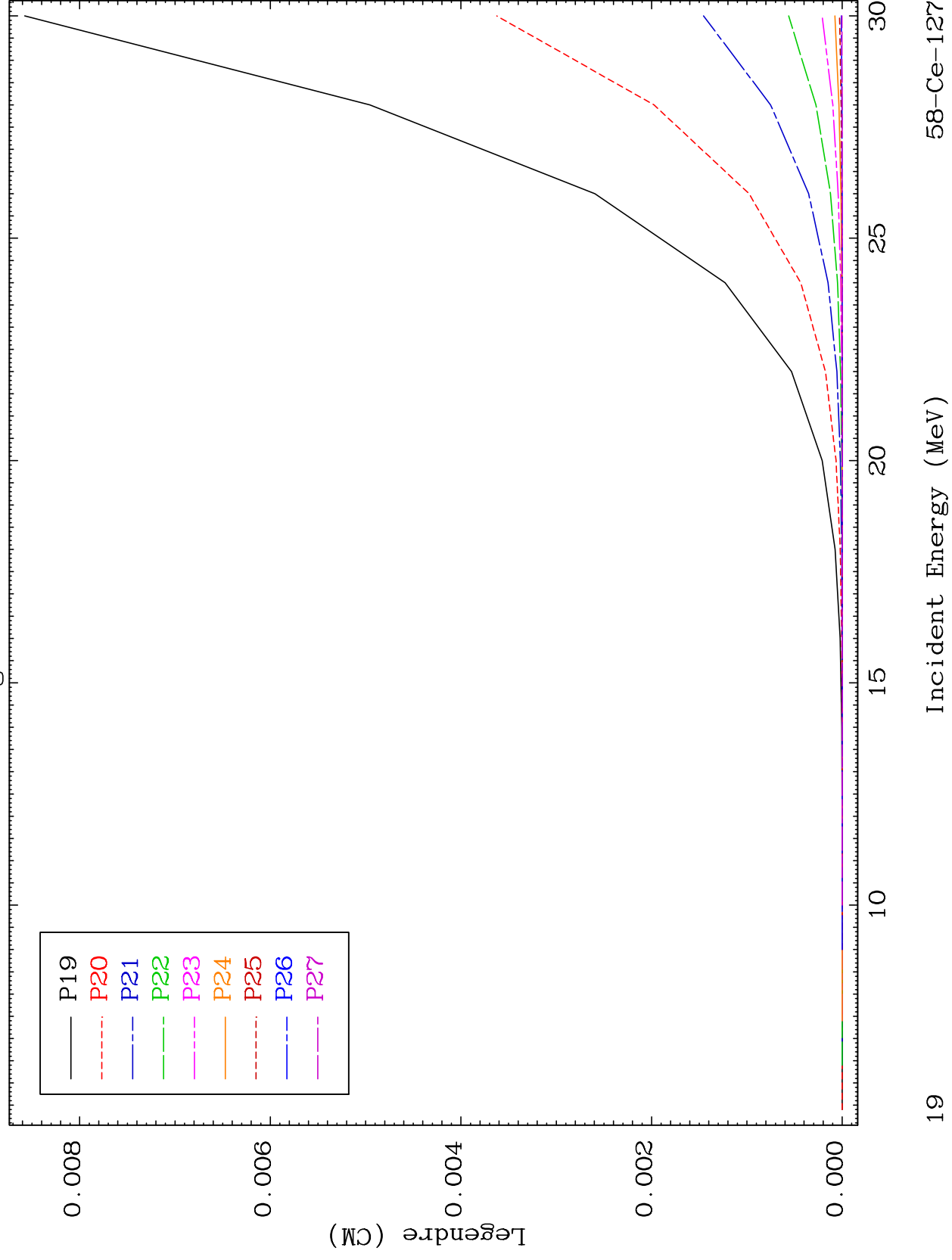


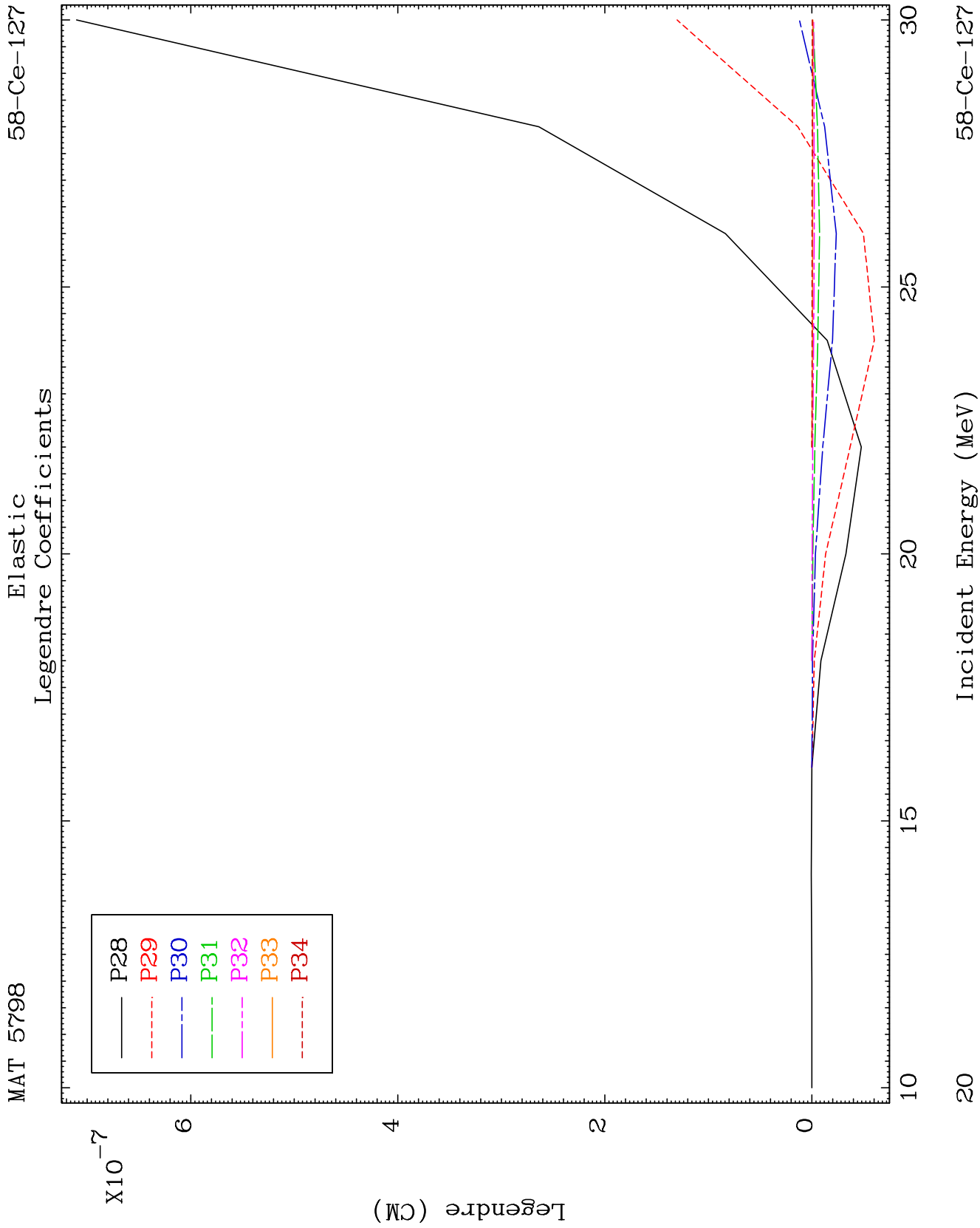


MAT 5798

Elastic Legendre Coefficients

58-Ce-127

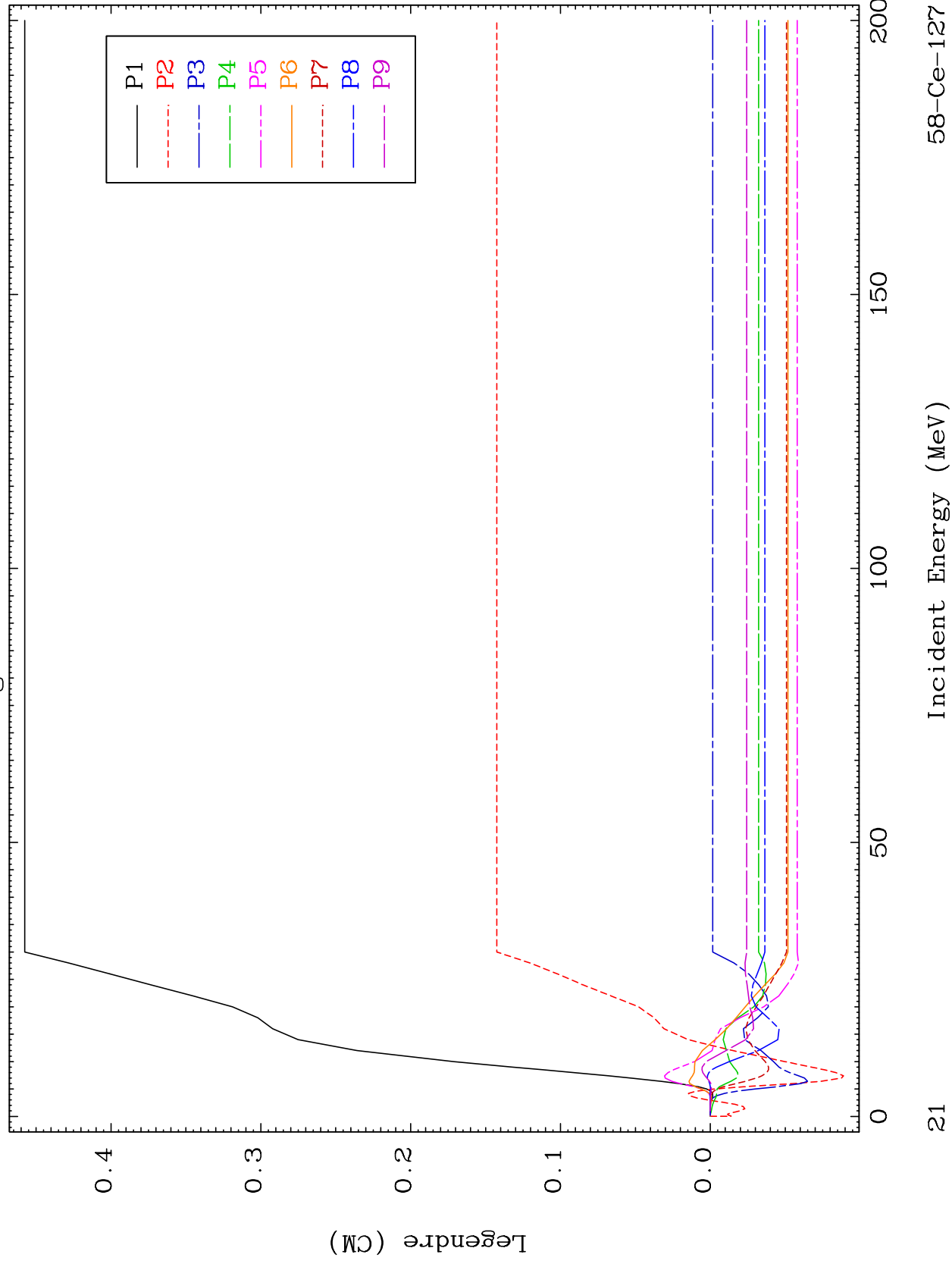


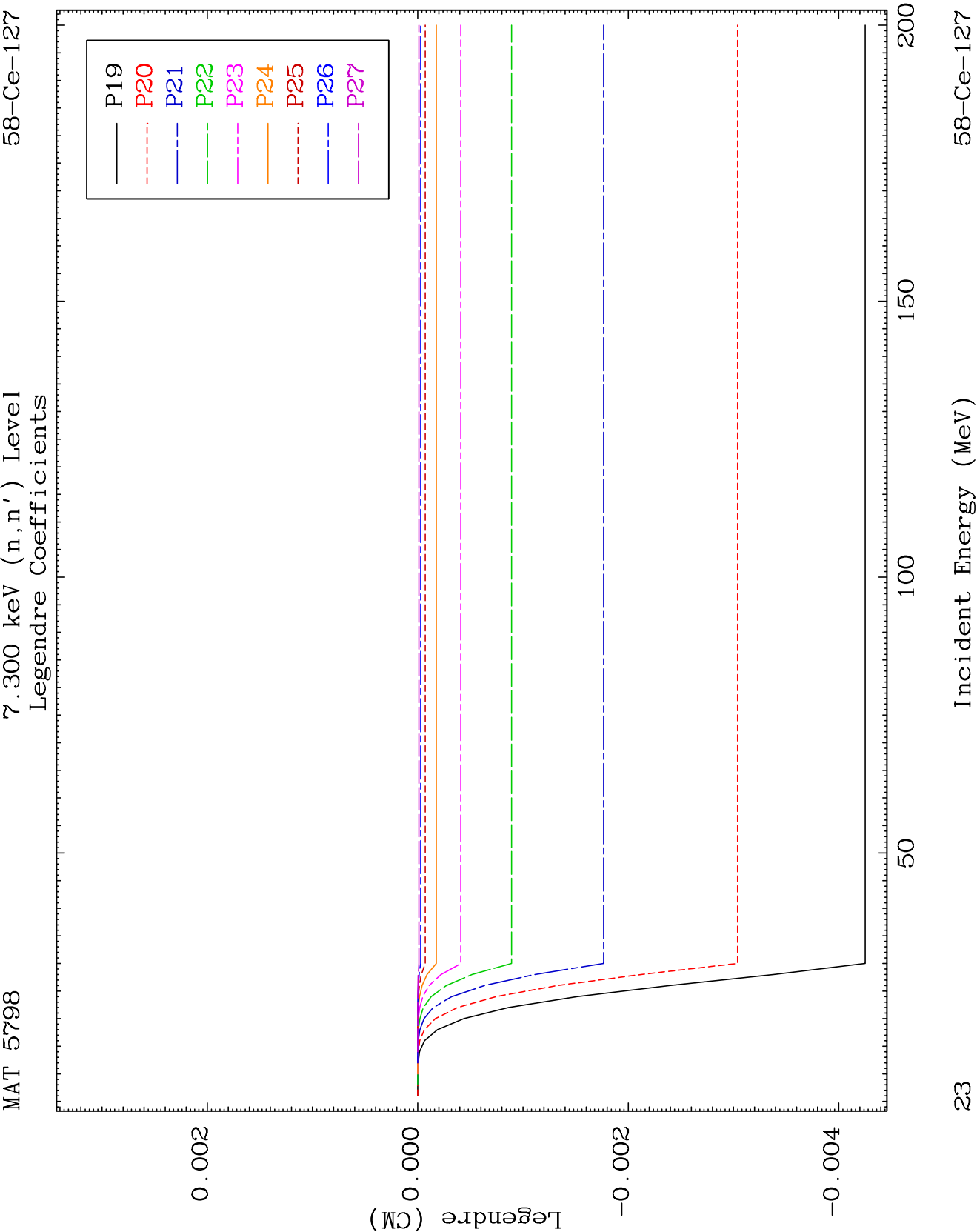


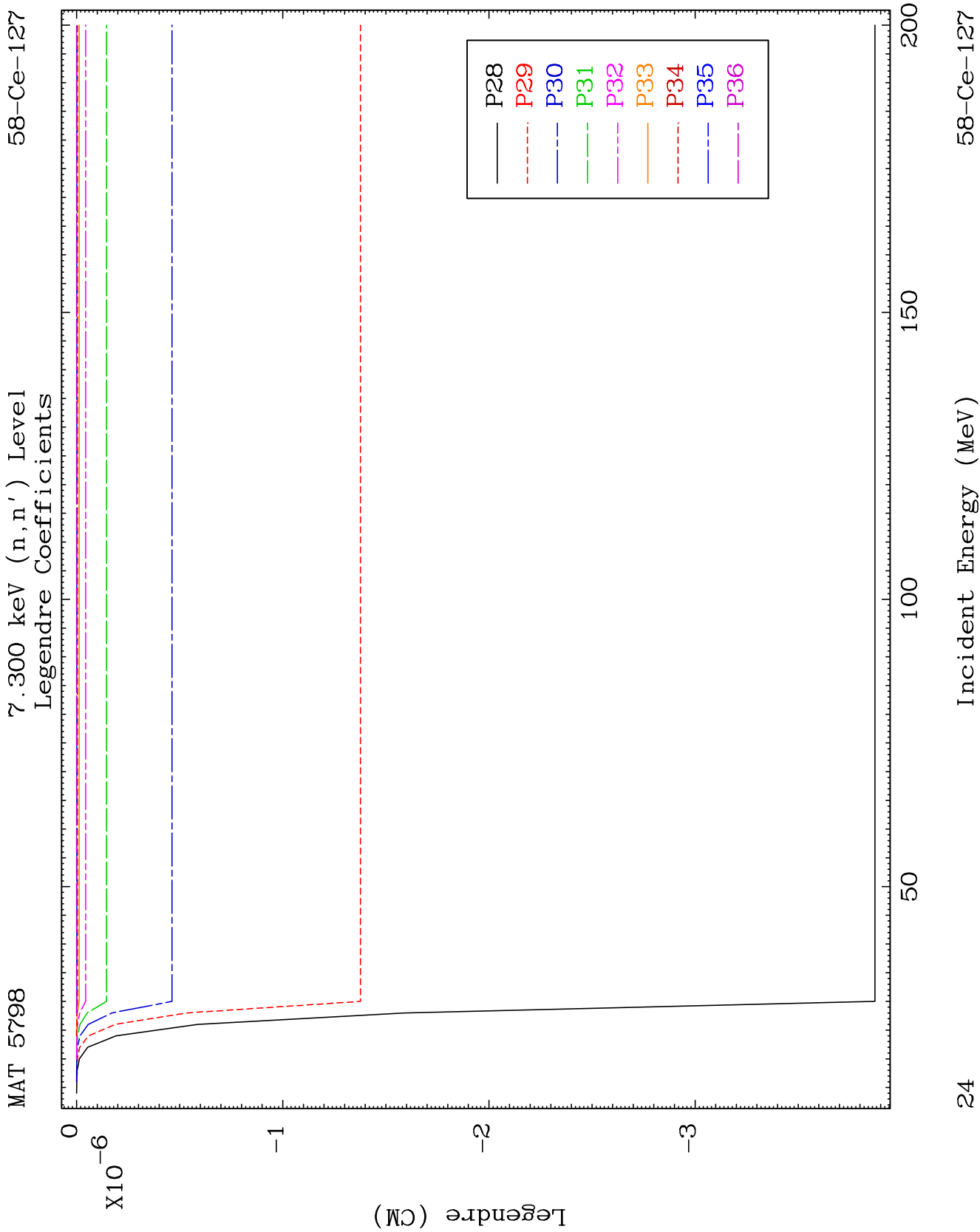
MAT 5798

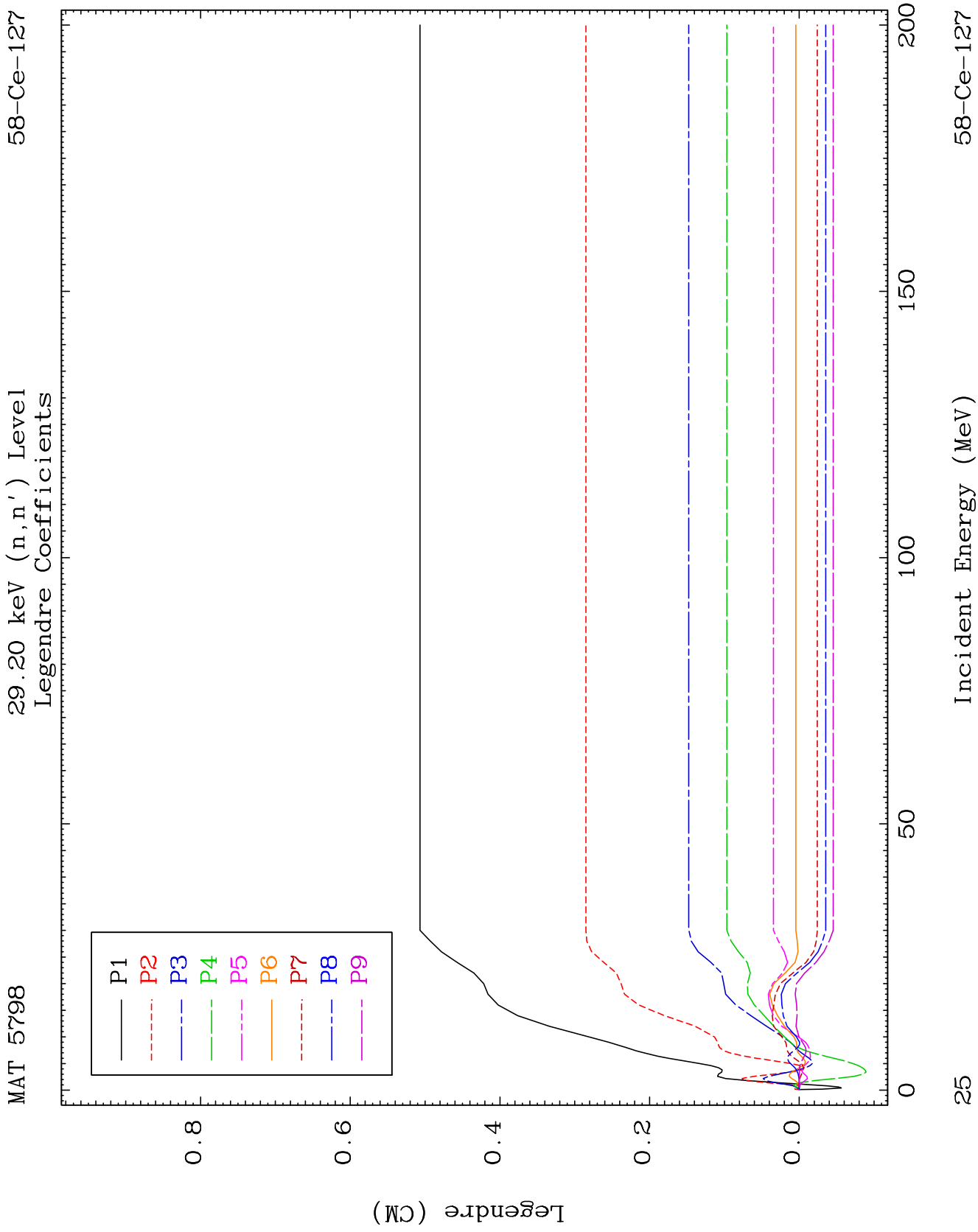
7.300 keV (n, n') Level Legendre Coefficients

58-Ce-127





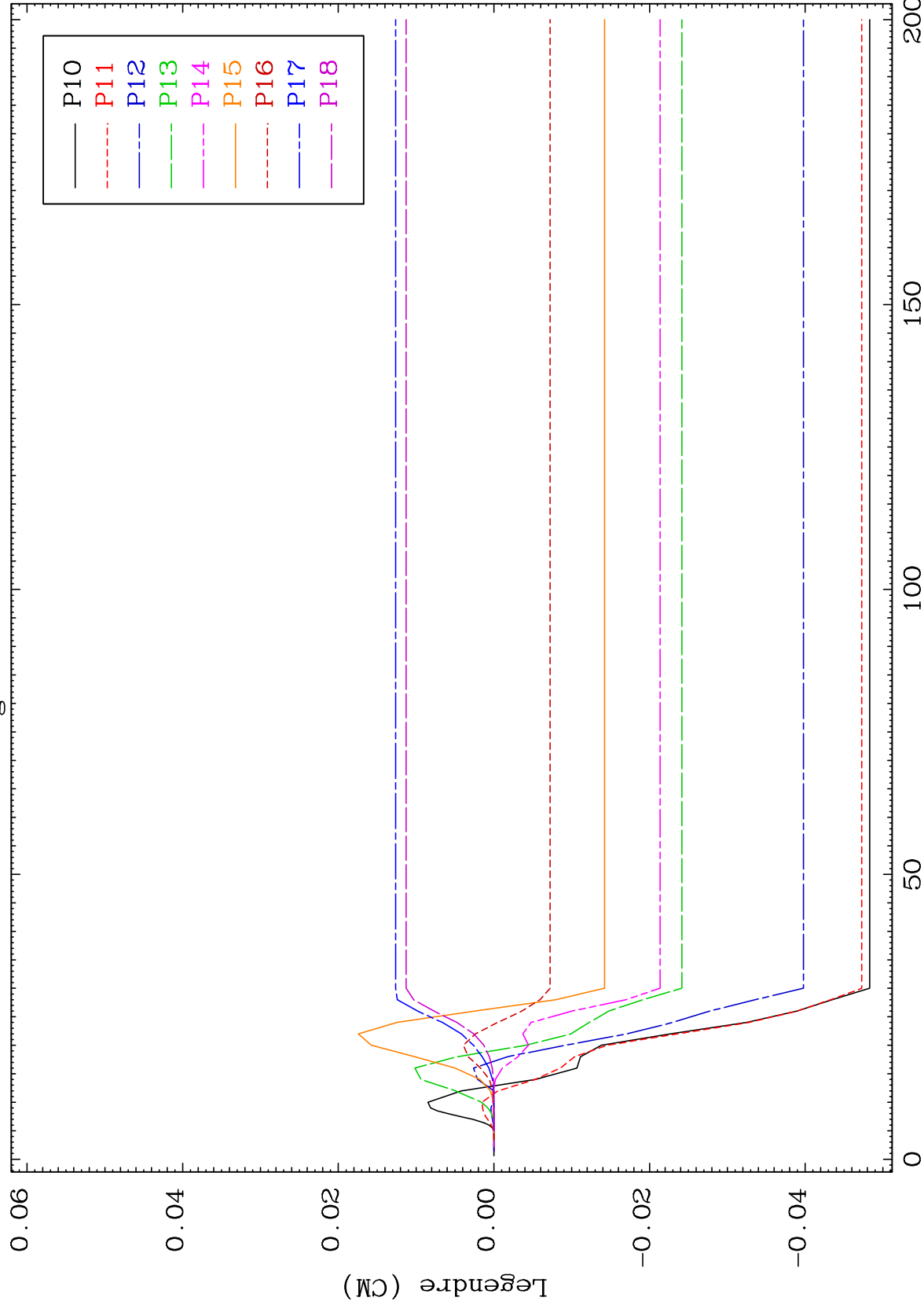




MAT 5798

29.20 keV (n,n') Level
Legendre Coefficients

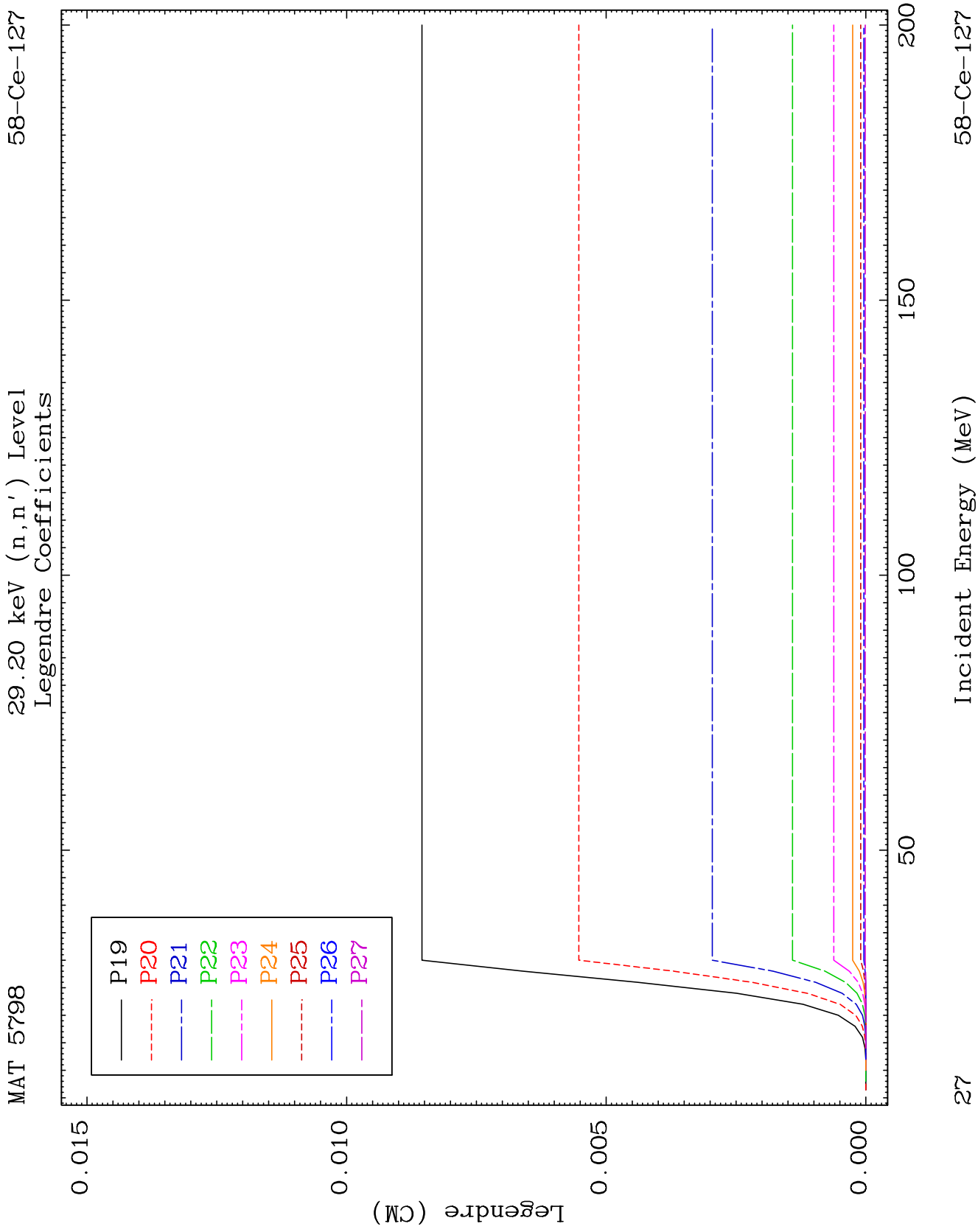
58-Ce-127

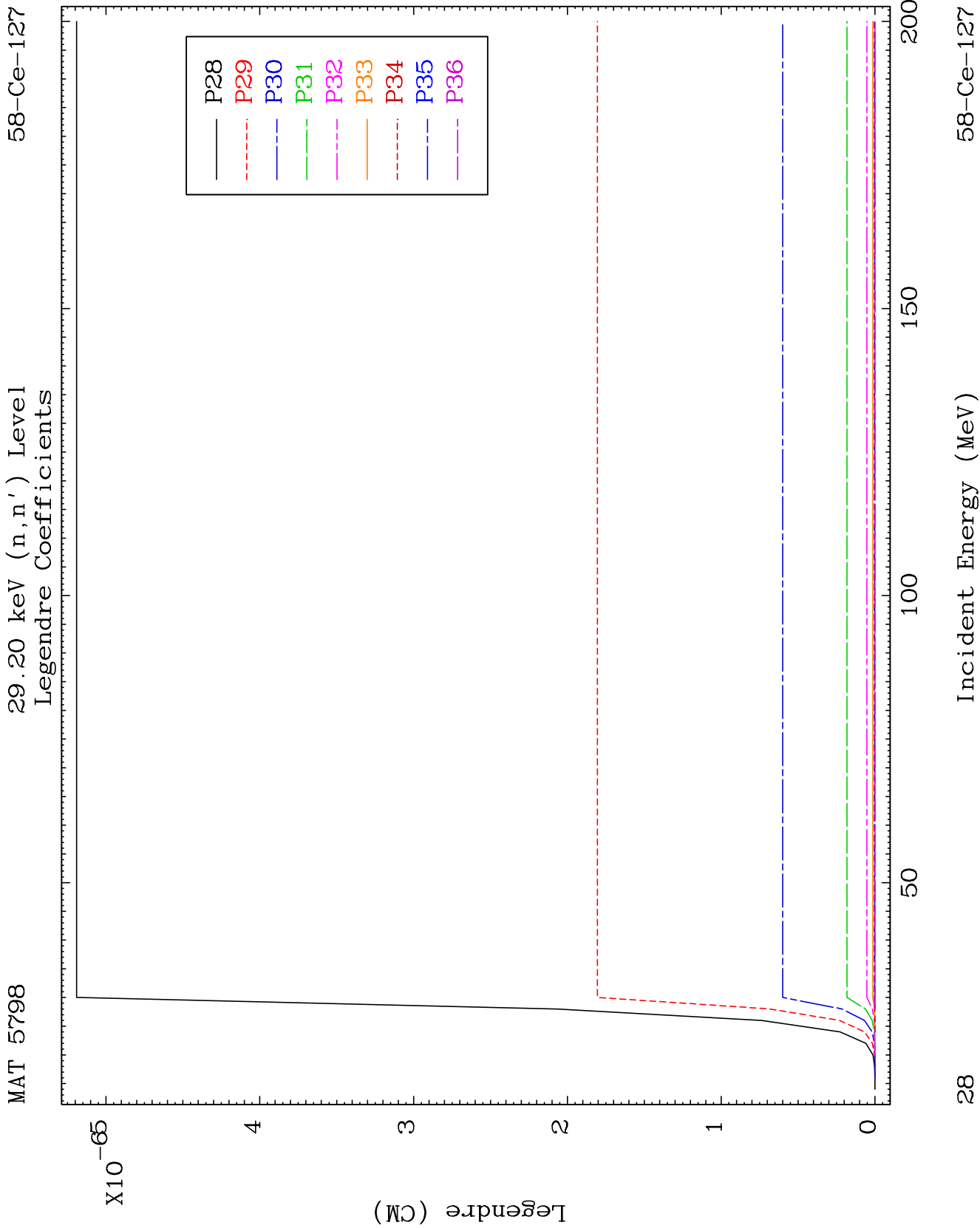


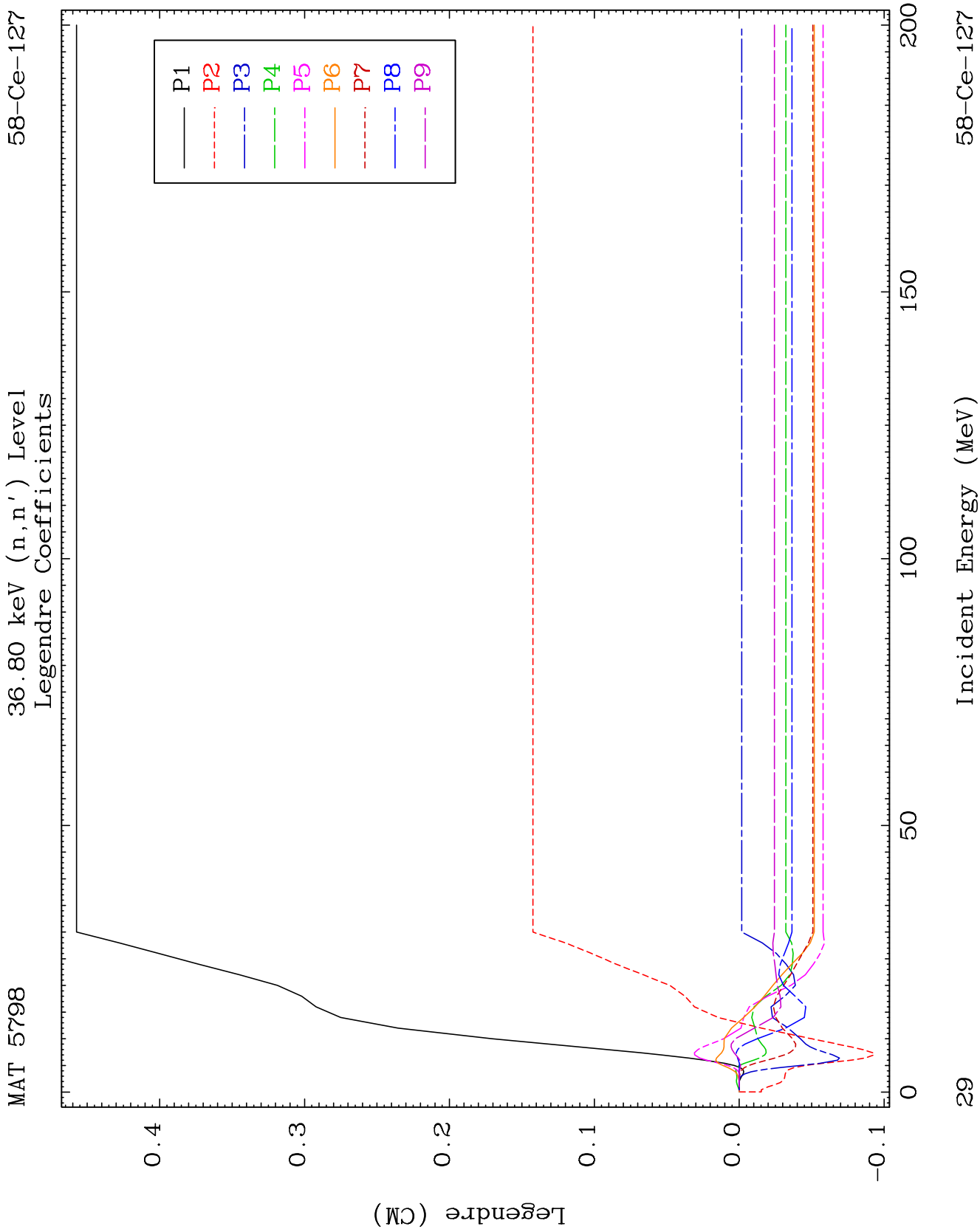
26

Incident Energy (MeV)

58-Ce-127



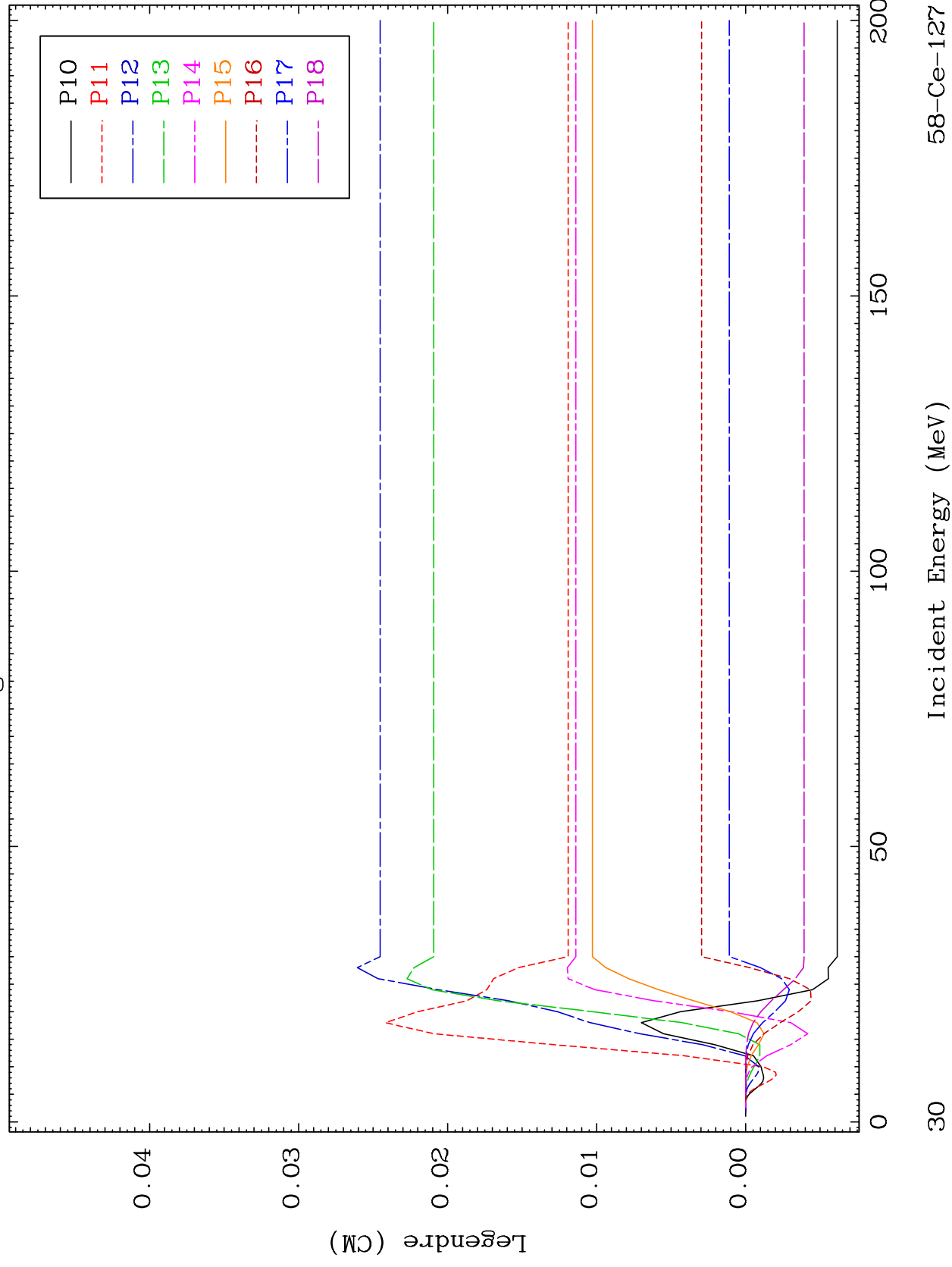


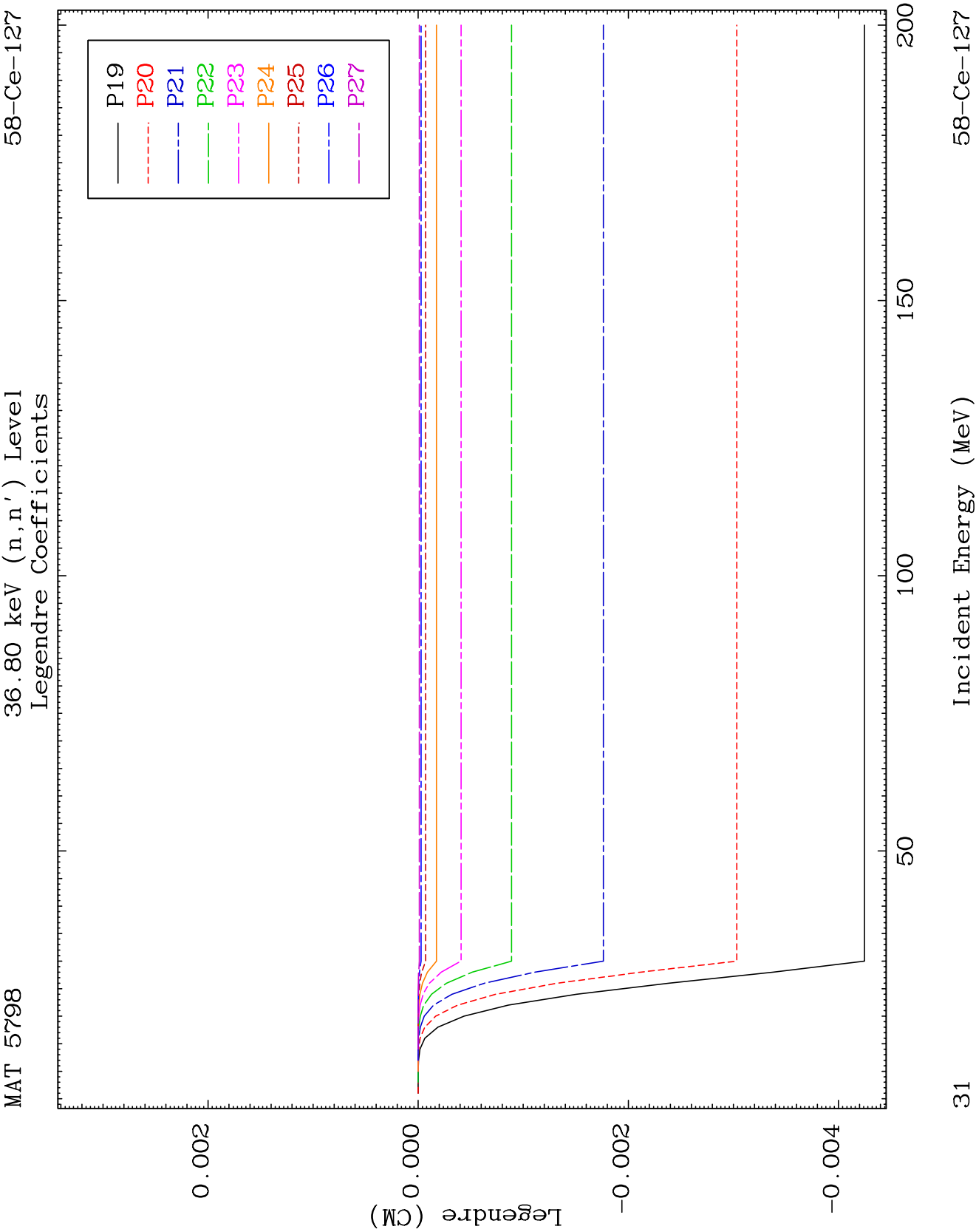


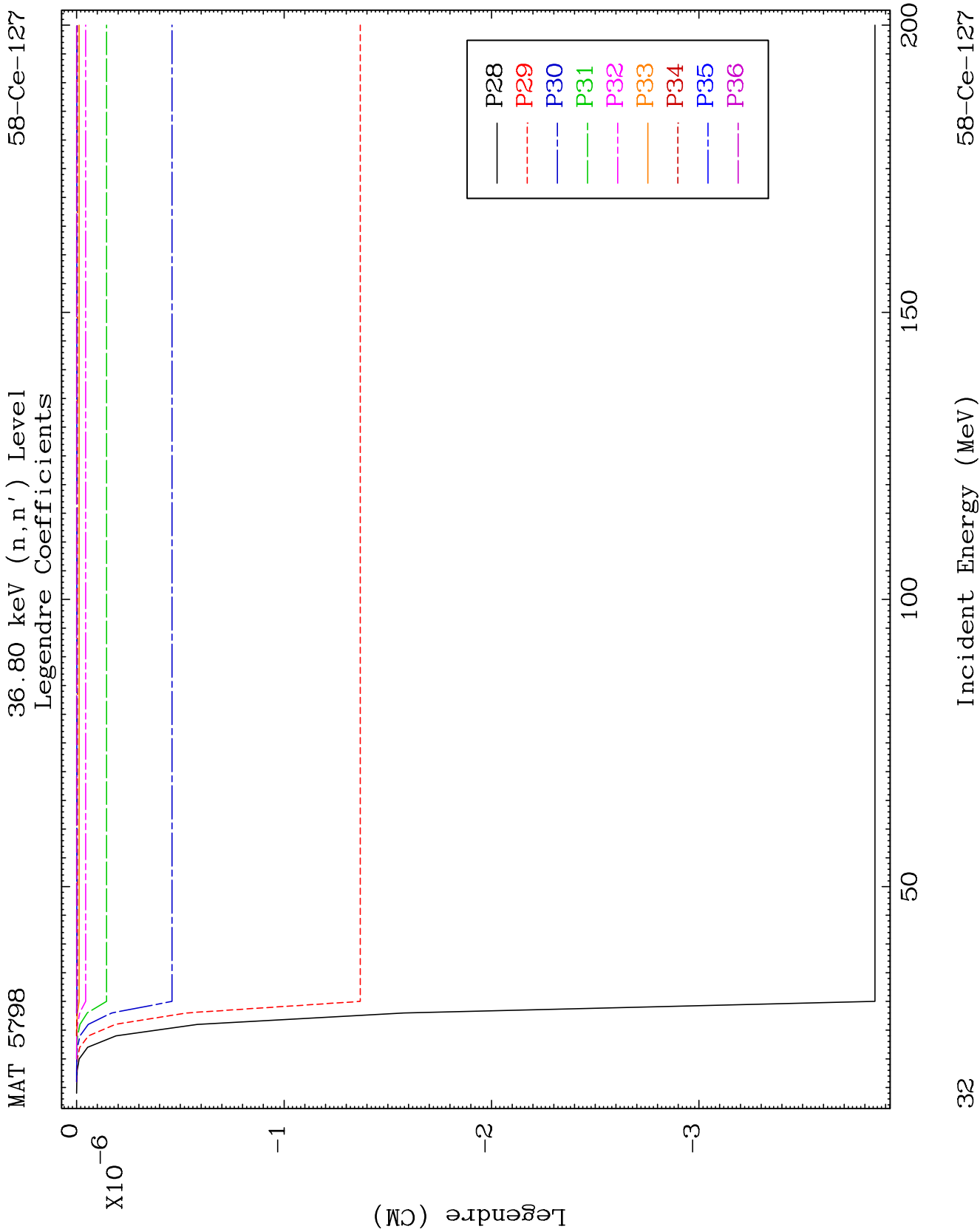
MAT 5798

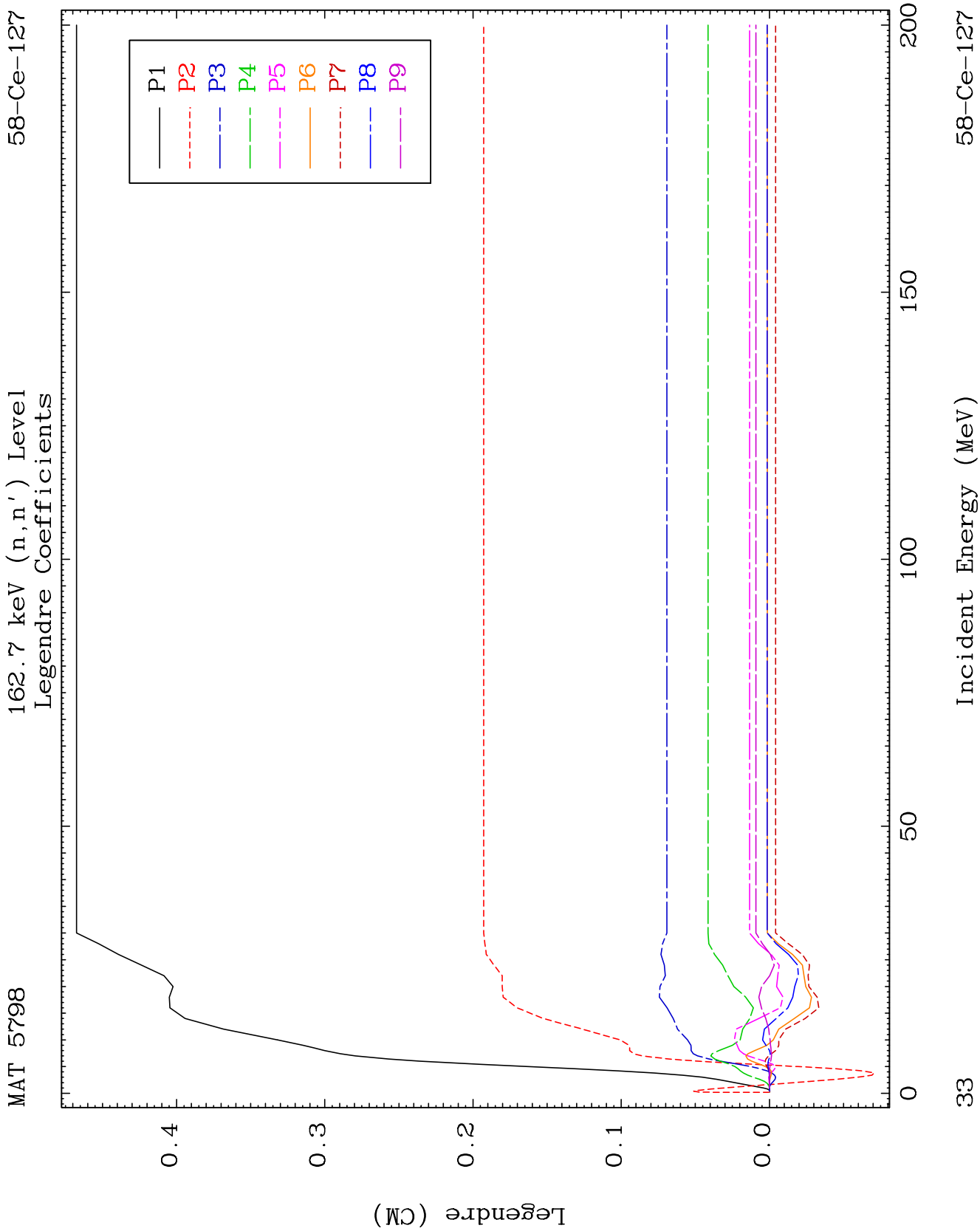
36.80 keV (n, n') Level Legendre Coefficients

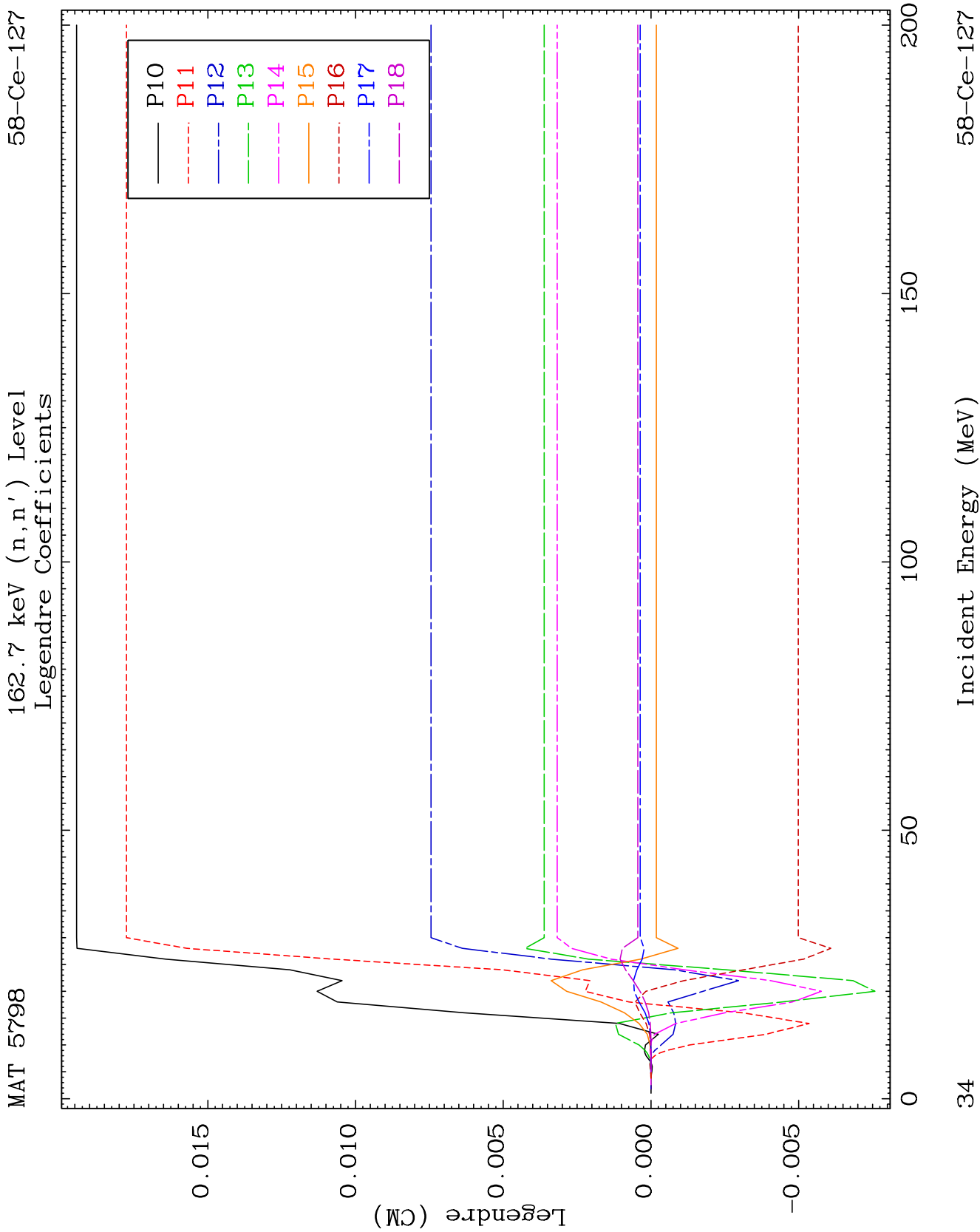
58-Ce-127

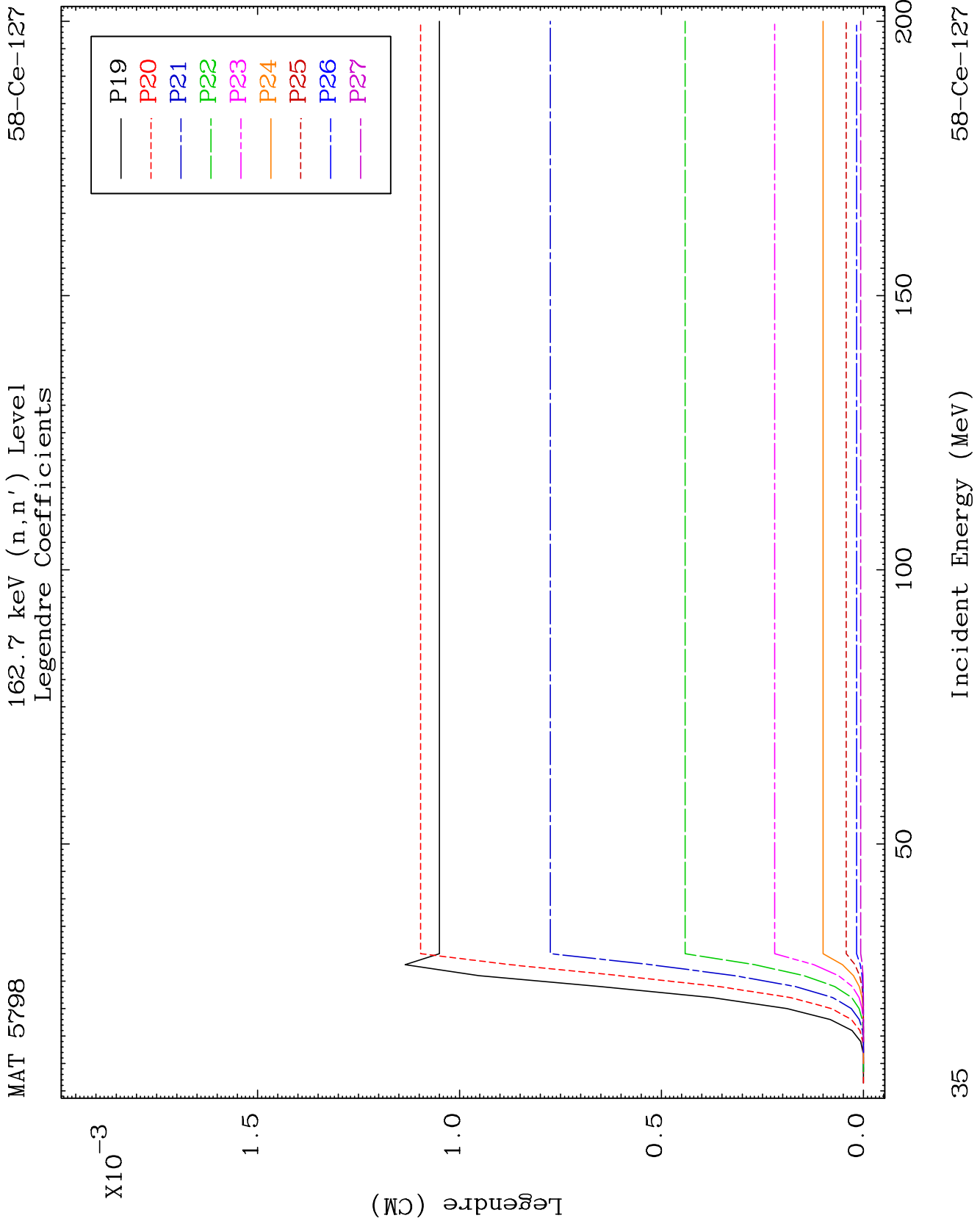


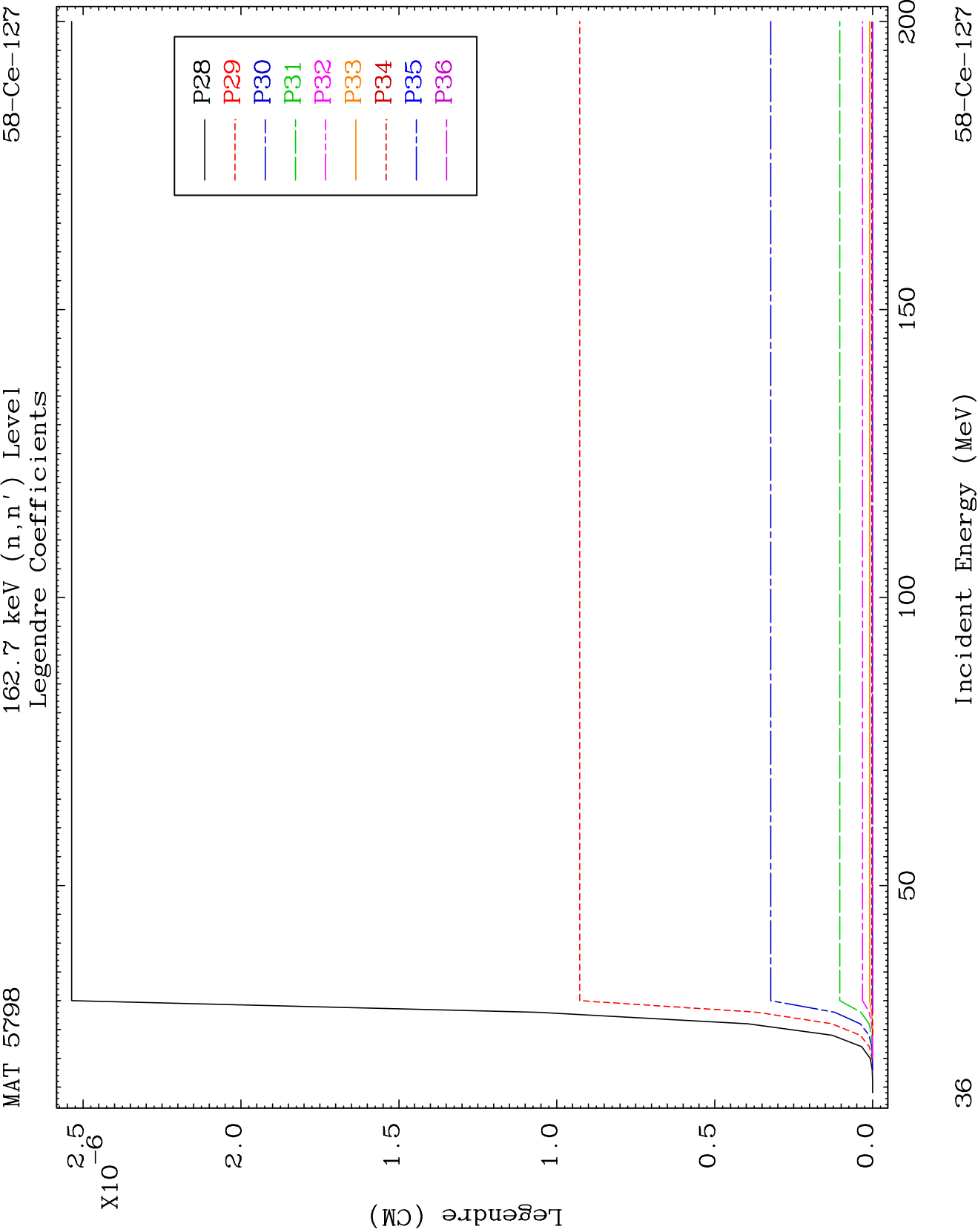








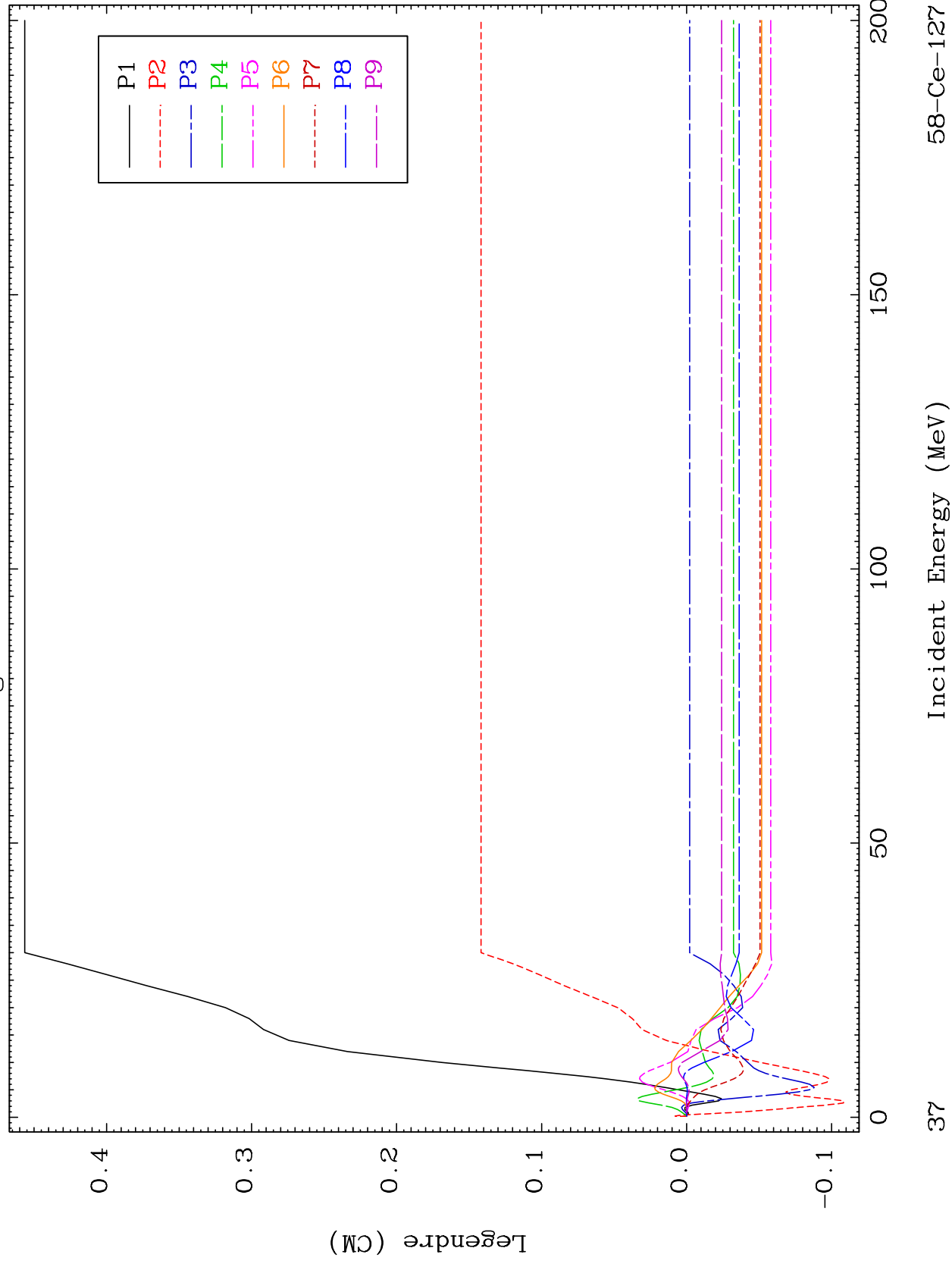


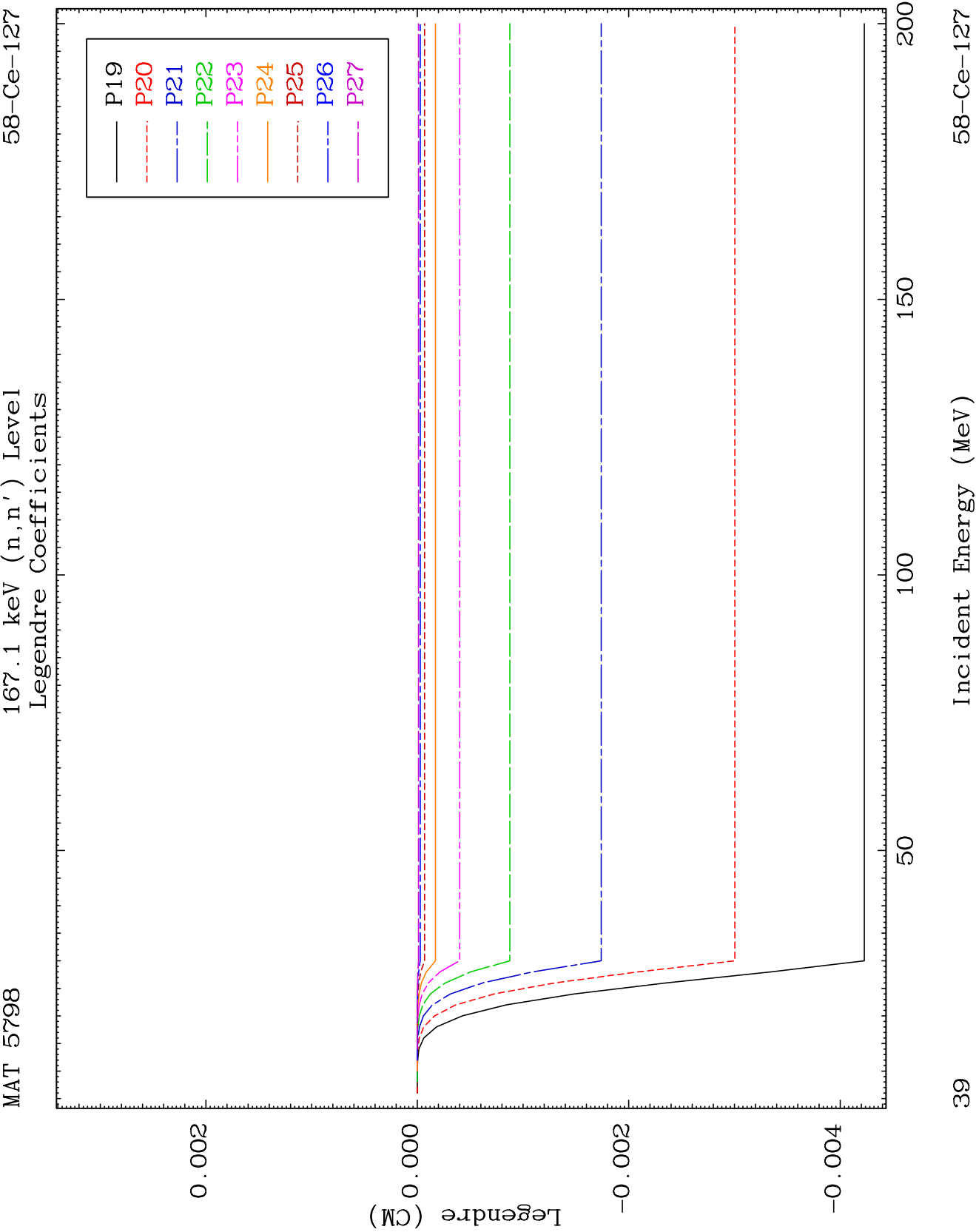


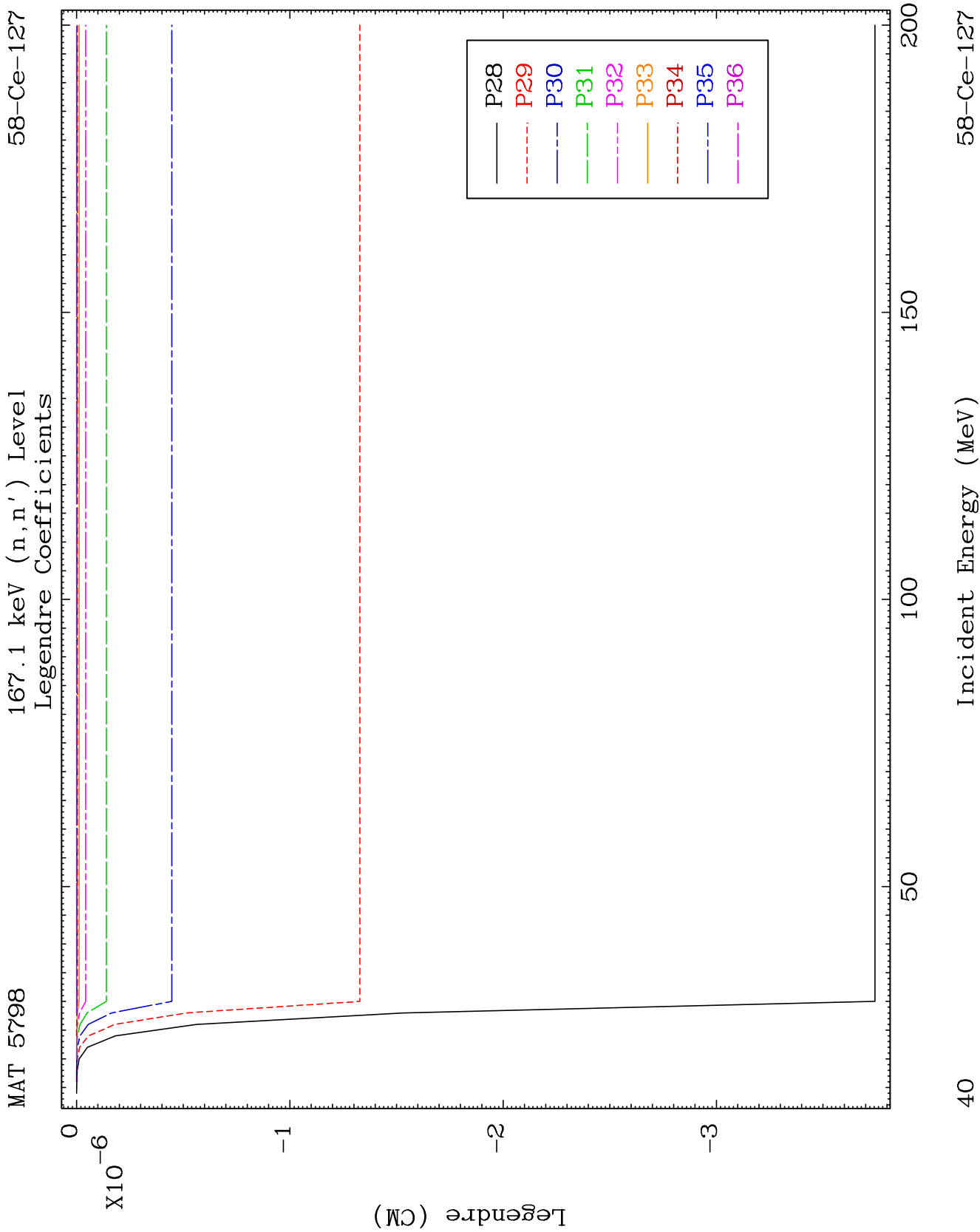
MAT 5798

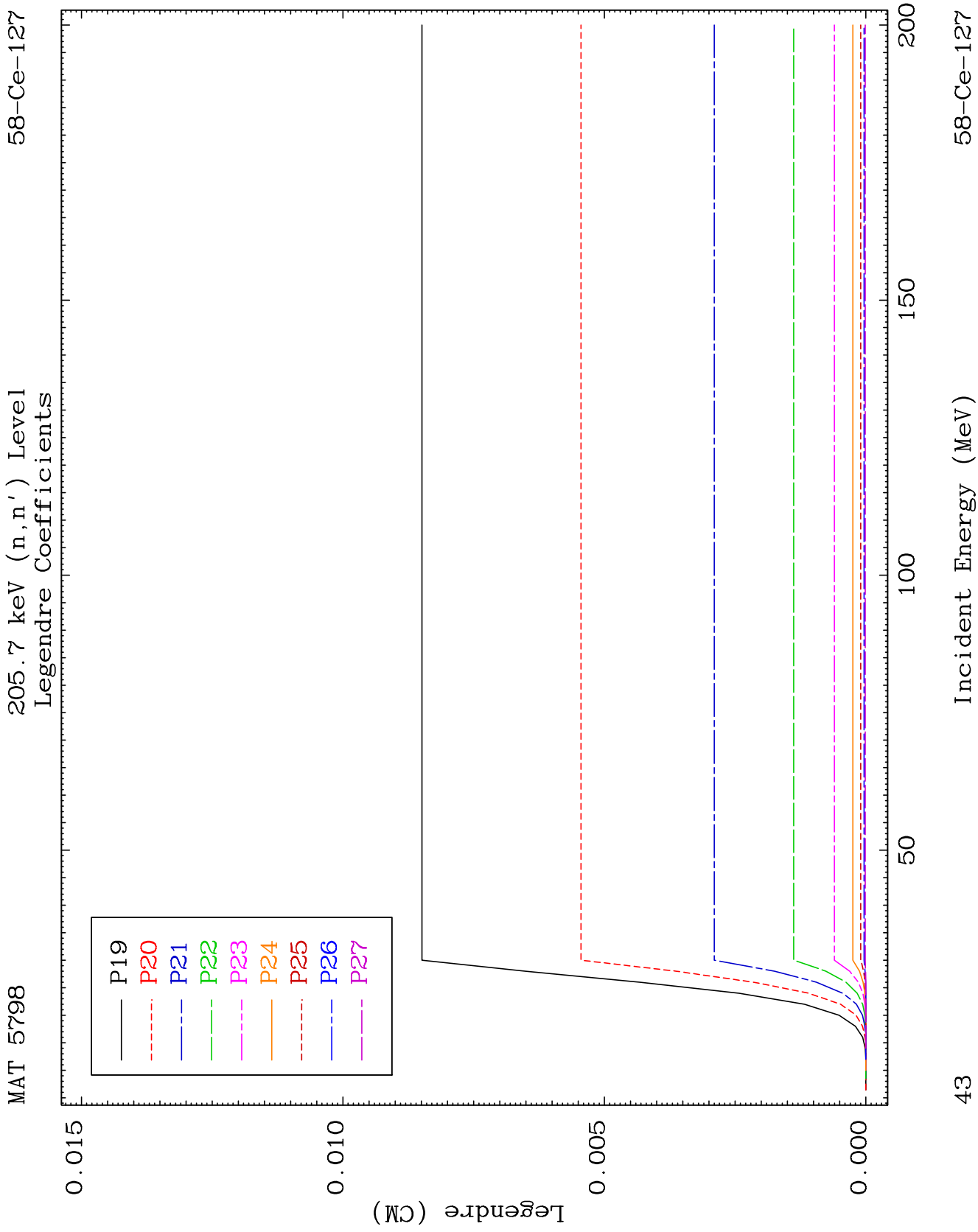
167.1 keV (n, n') Level Legend Coefficients

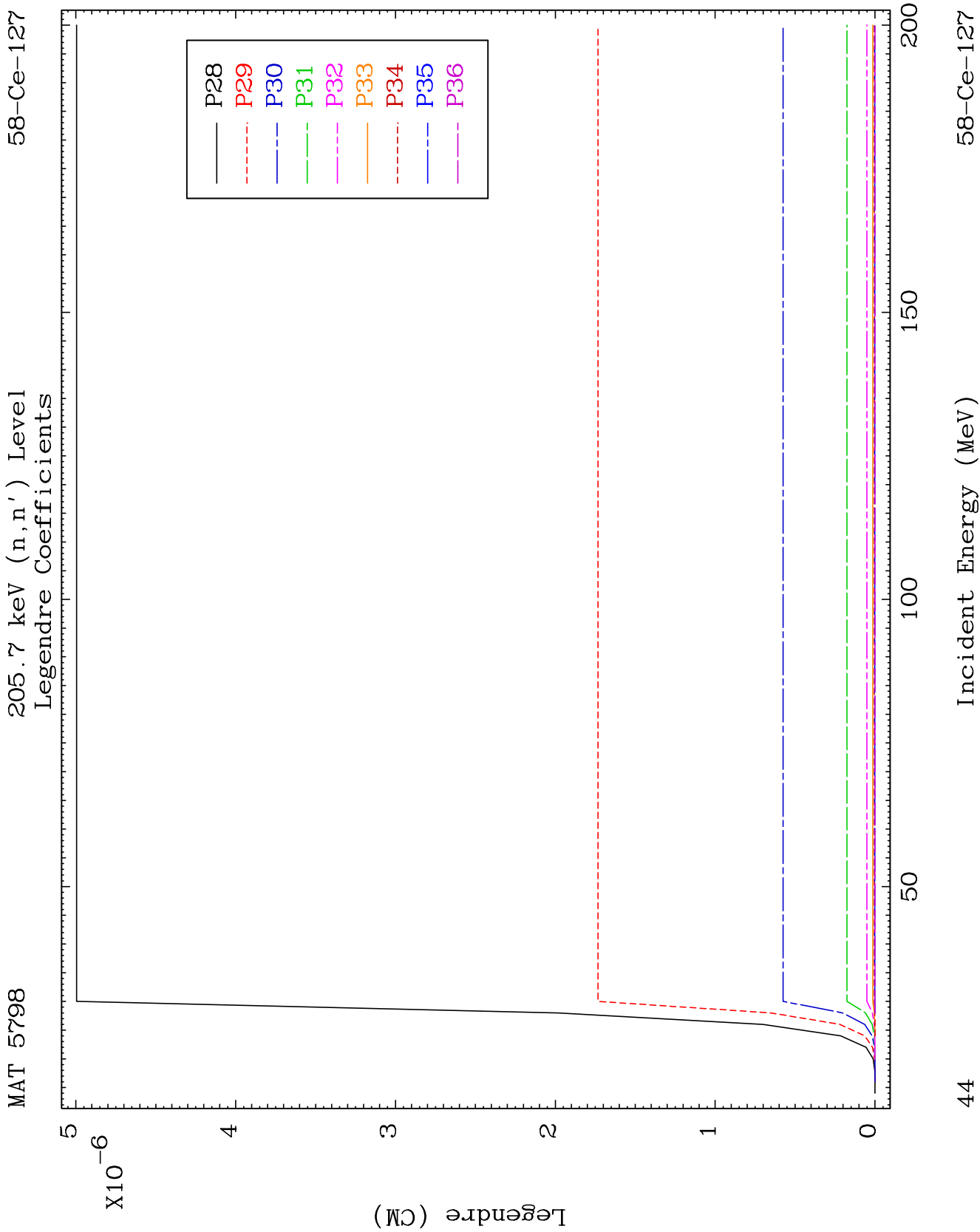
58-Ce-127







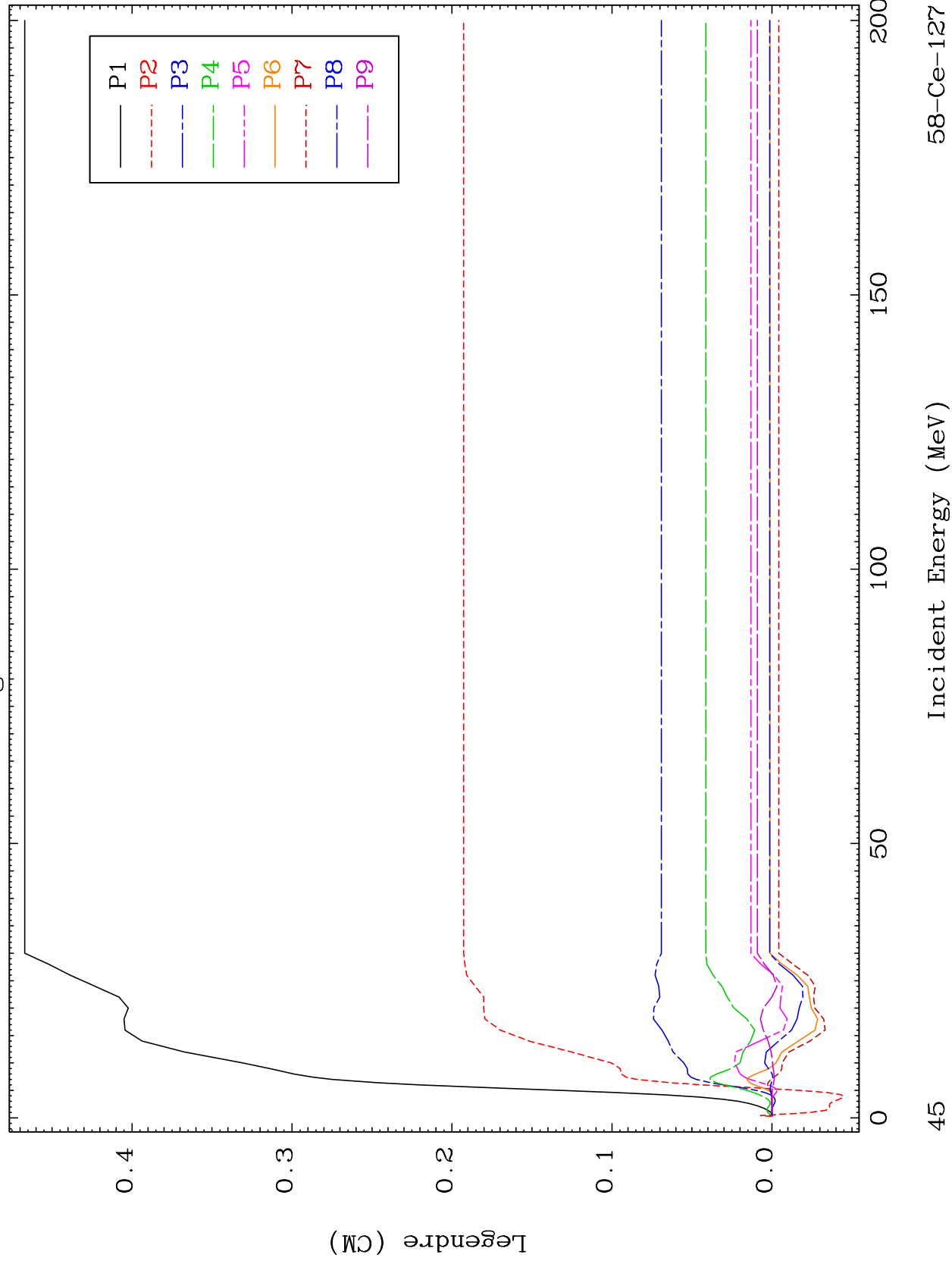


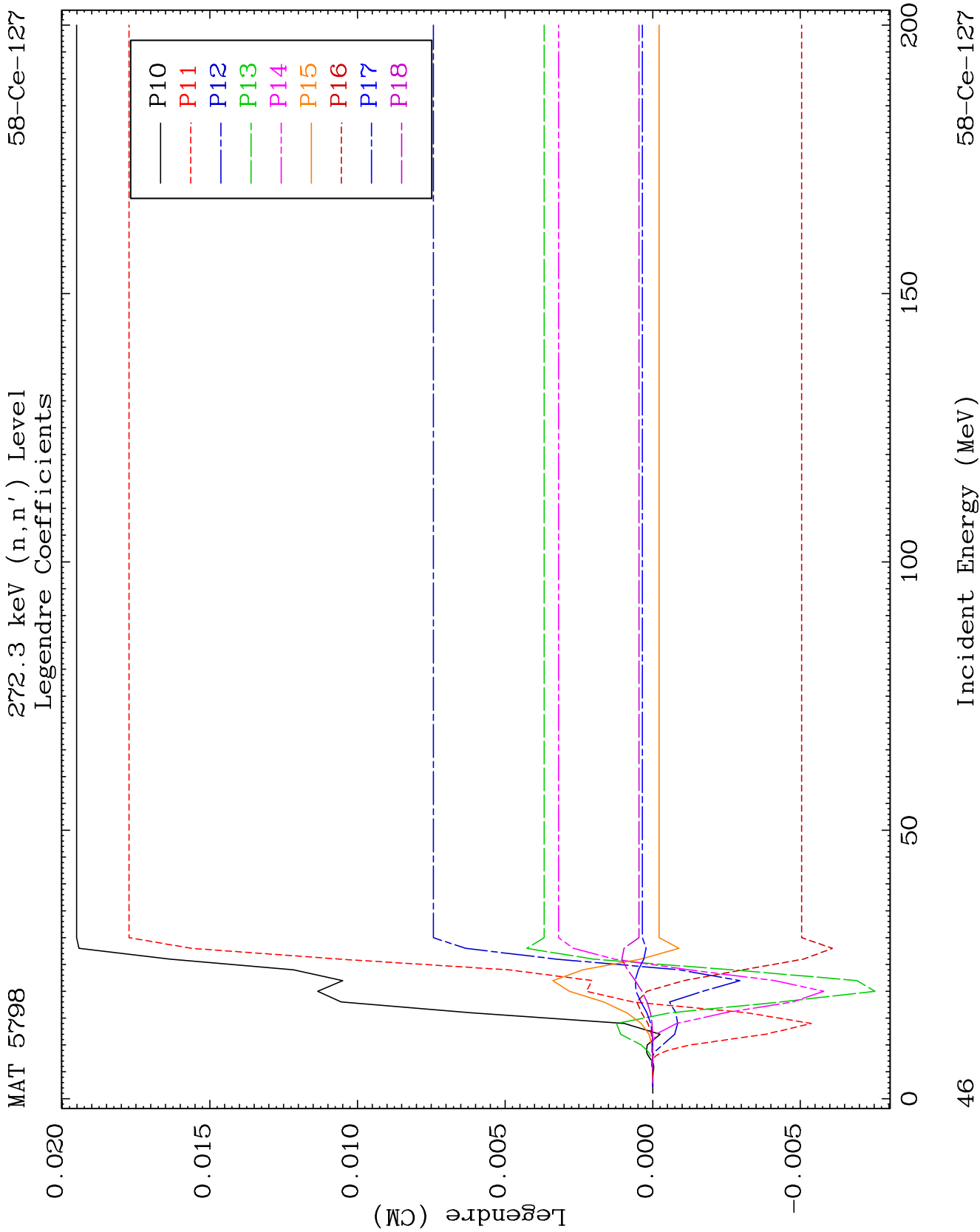


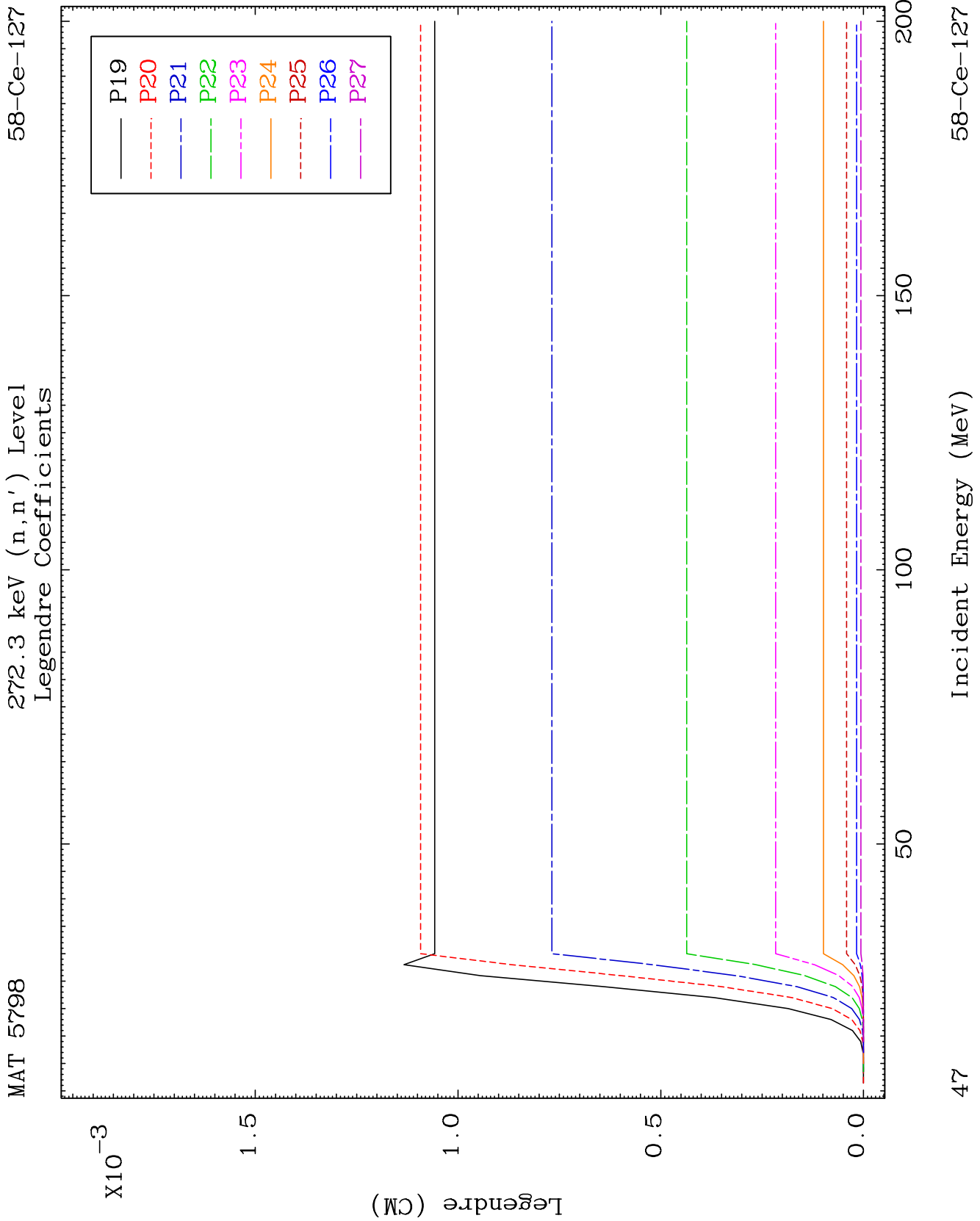
MAT 5798

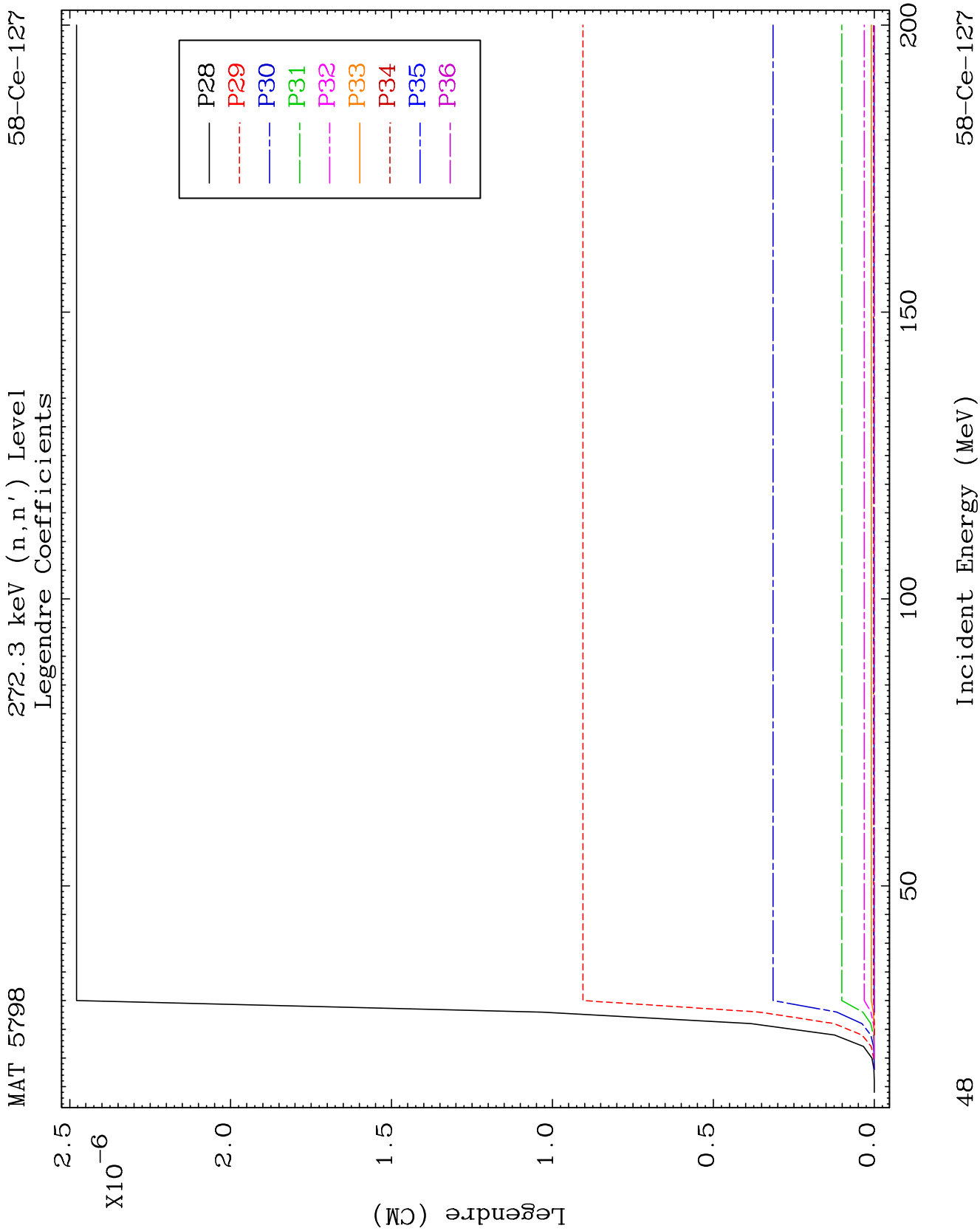
272.3 keV (n, n') Level
Legendre Coefficients

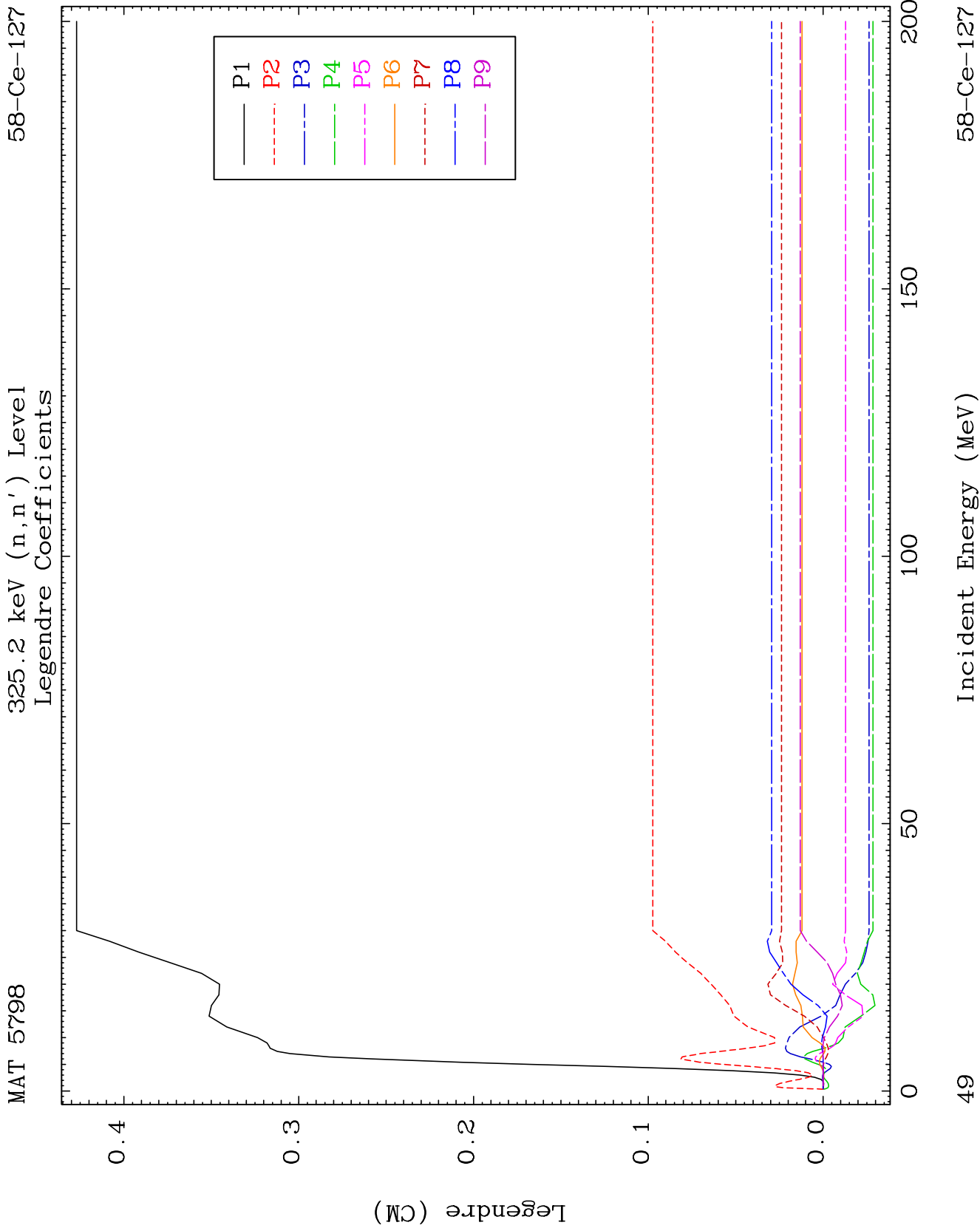
58-Ce-127

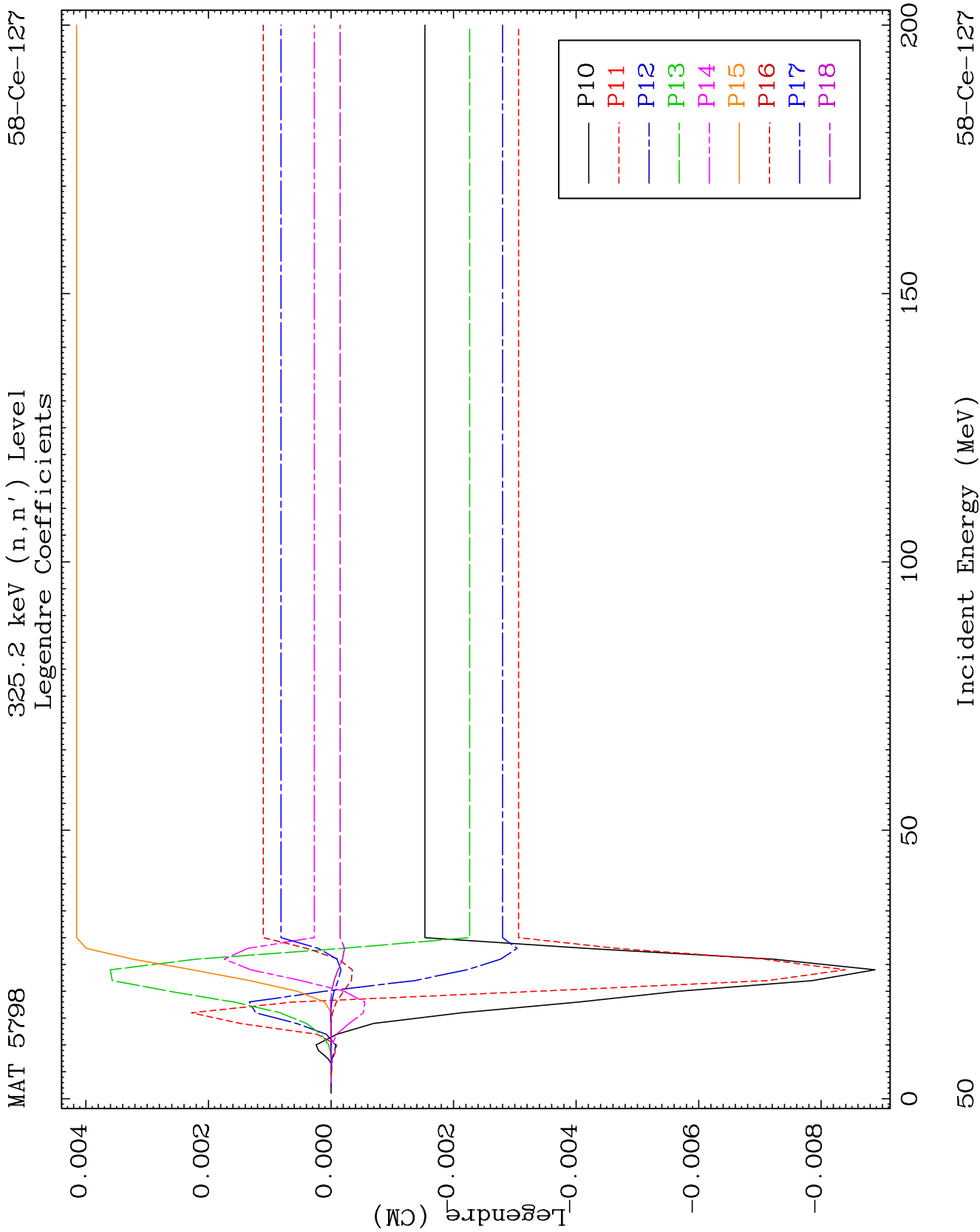


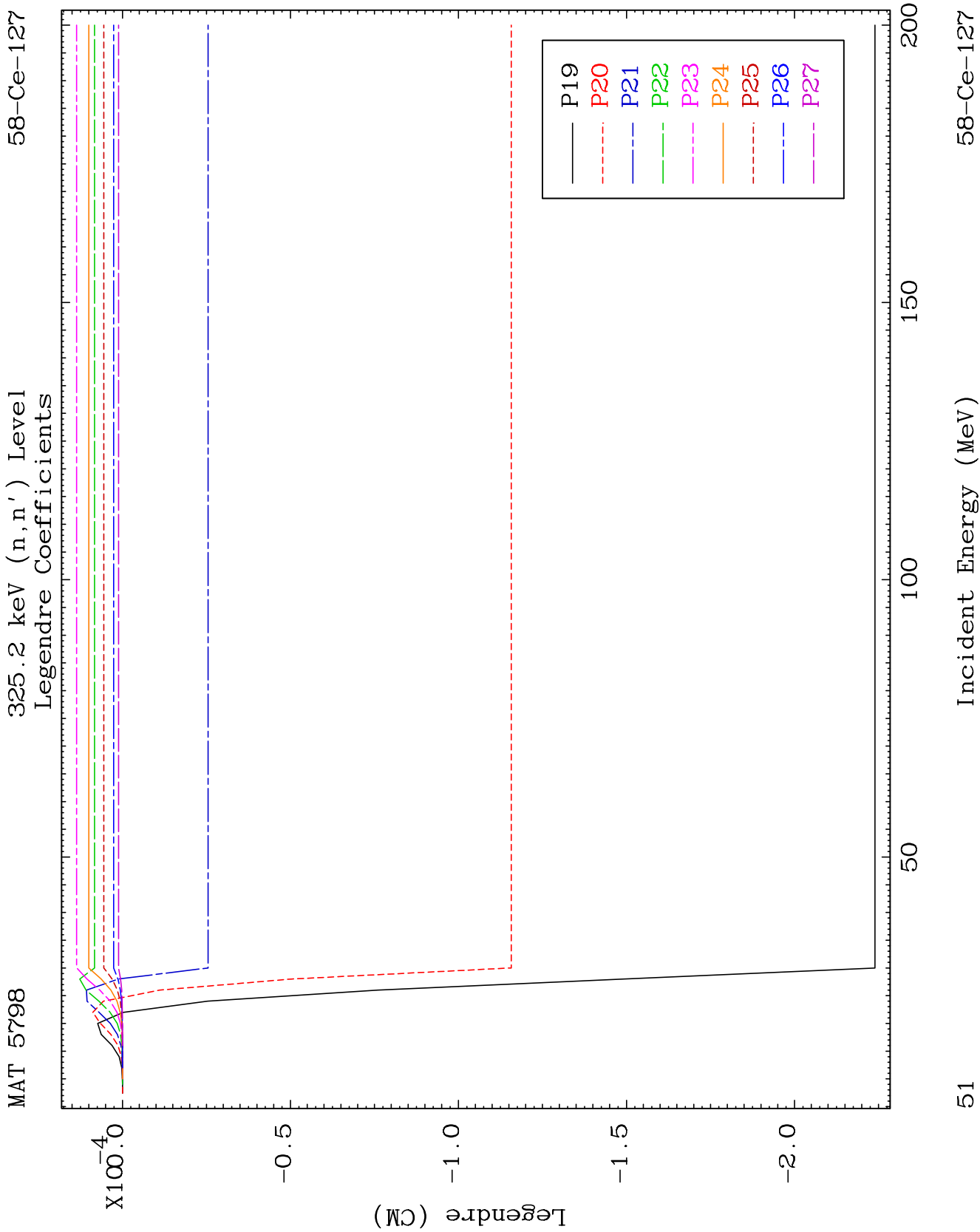


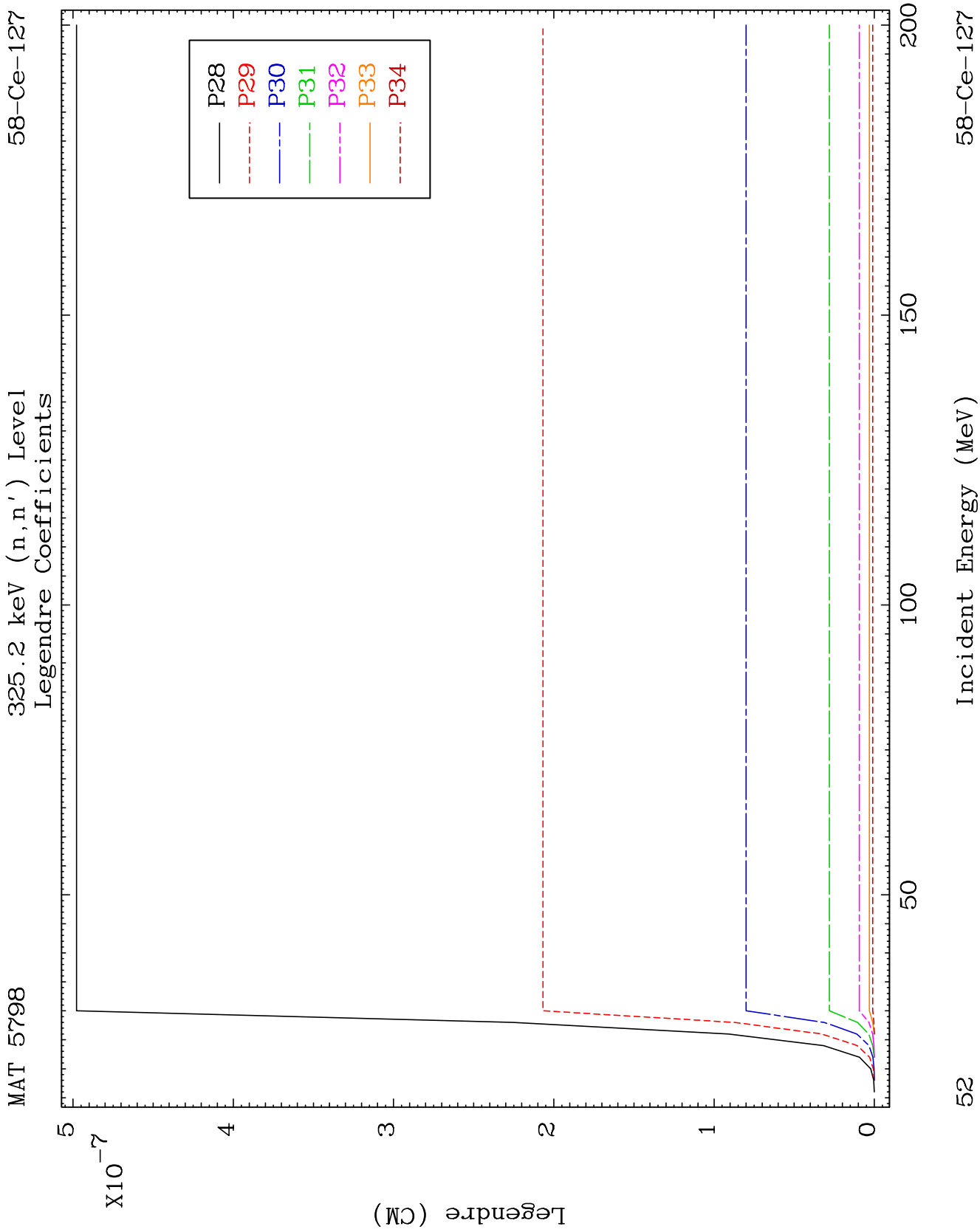


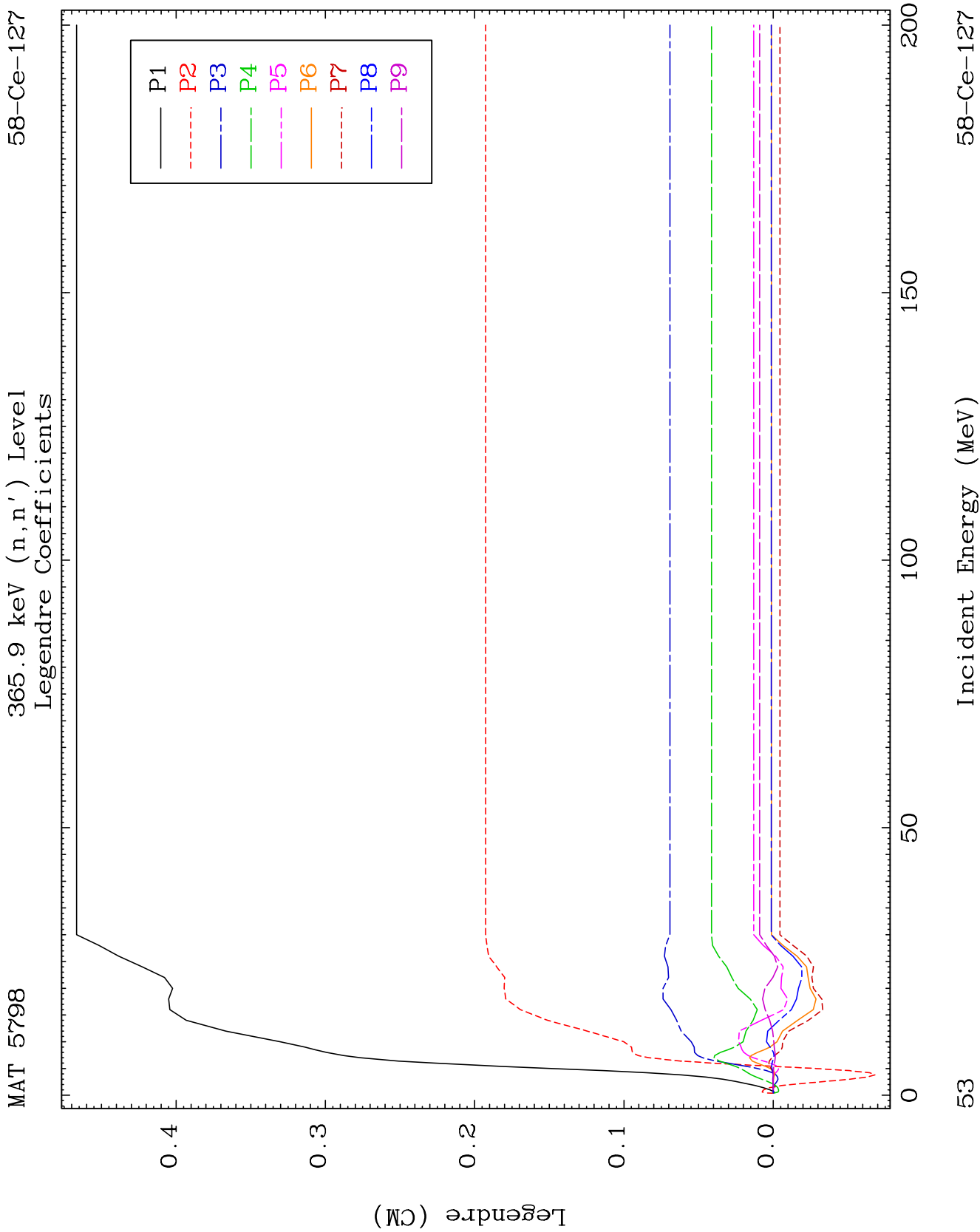


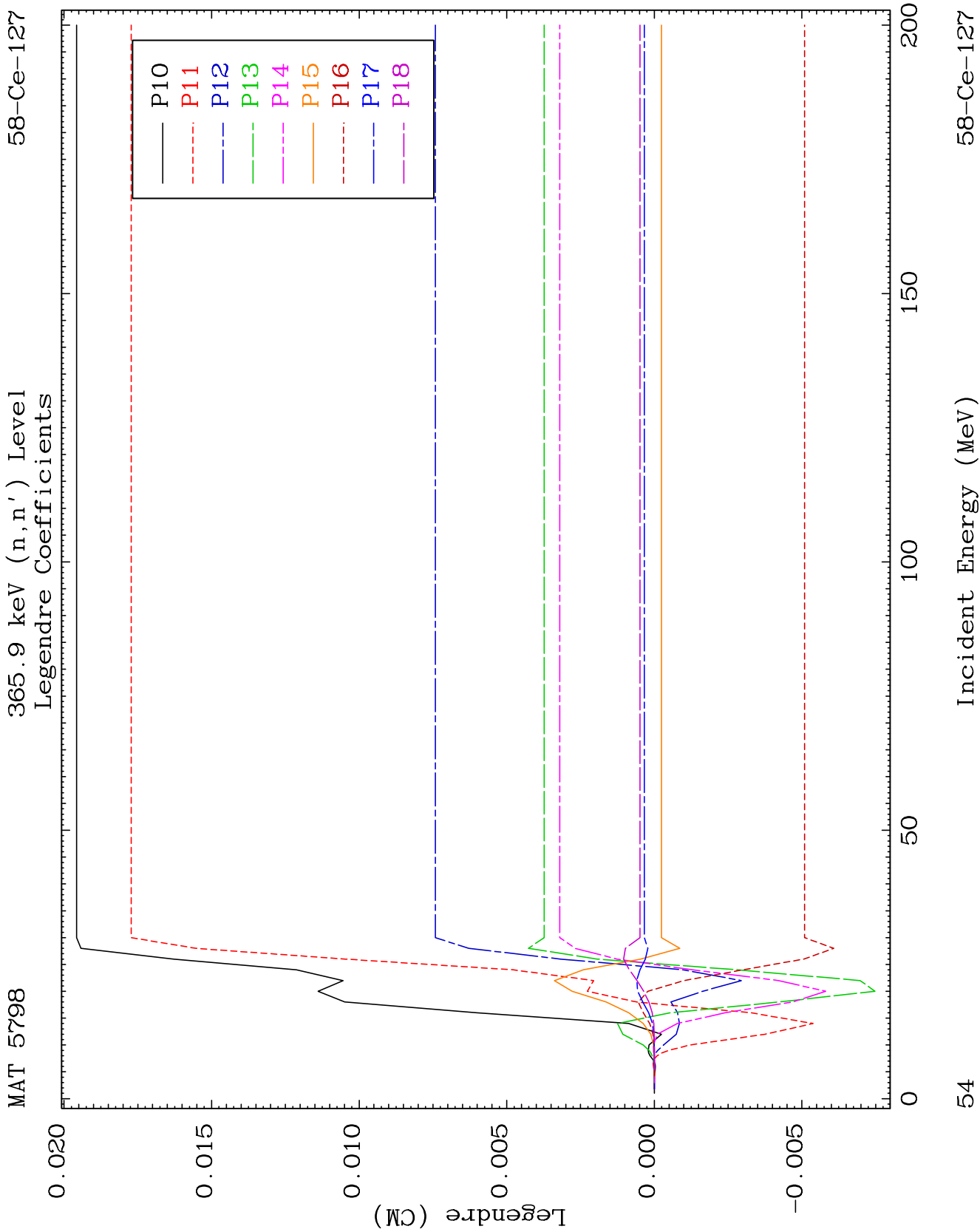


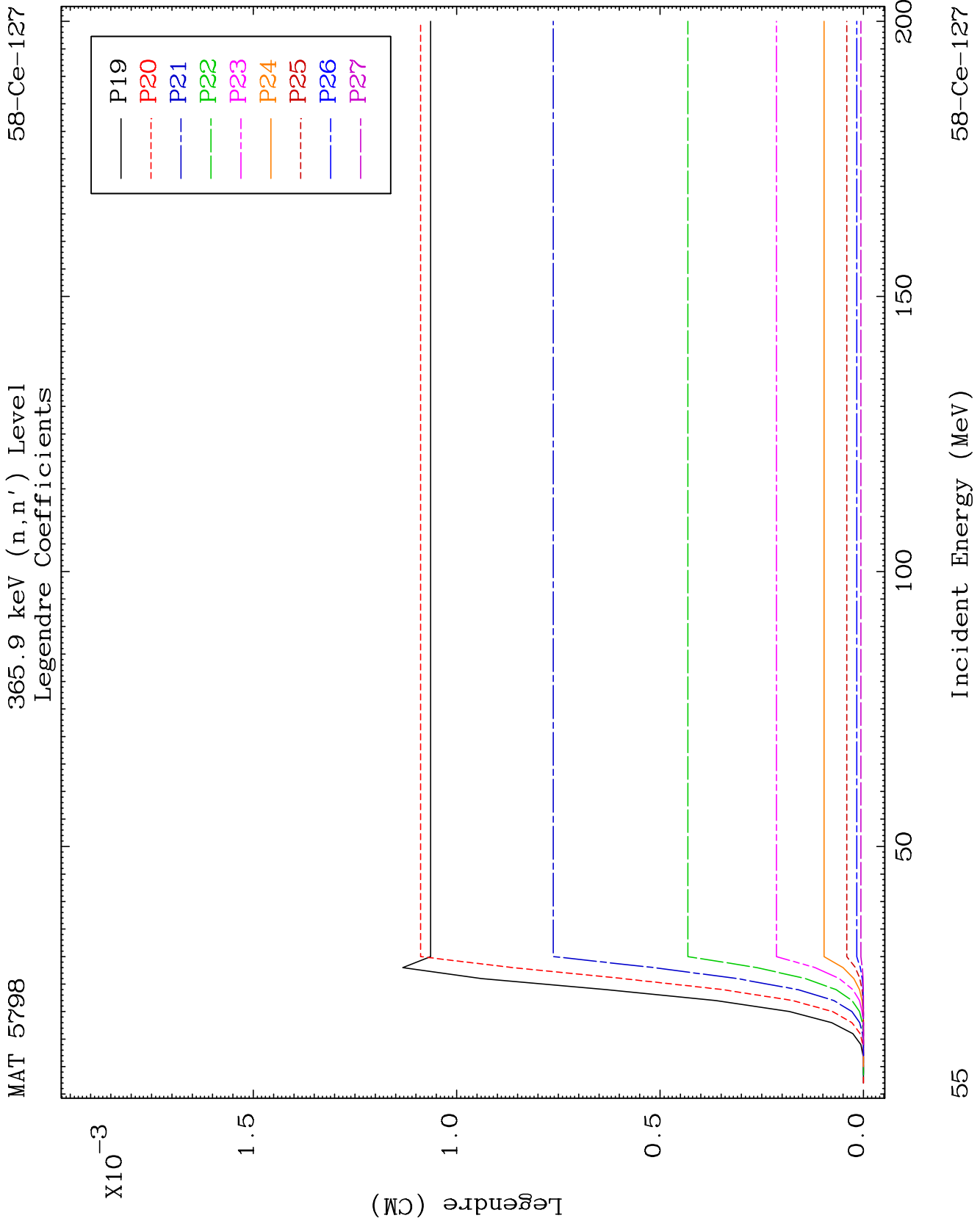








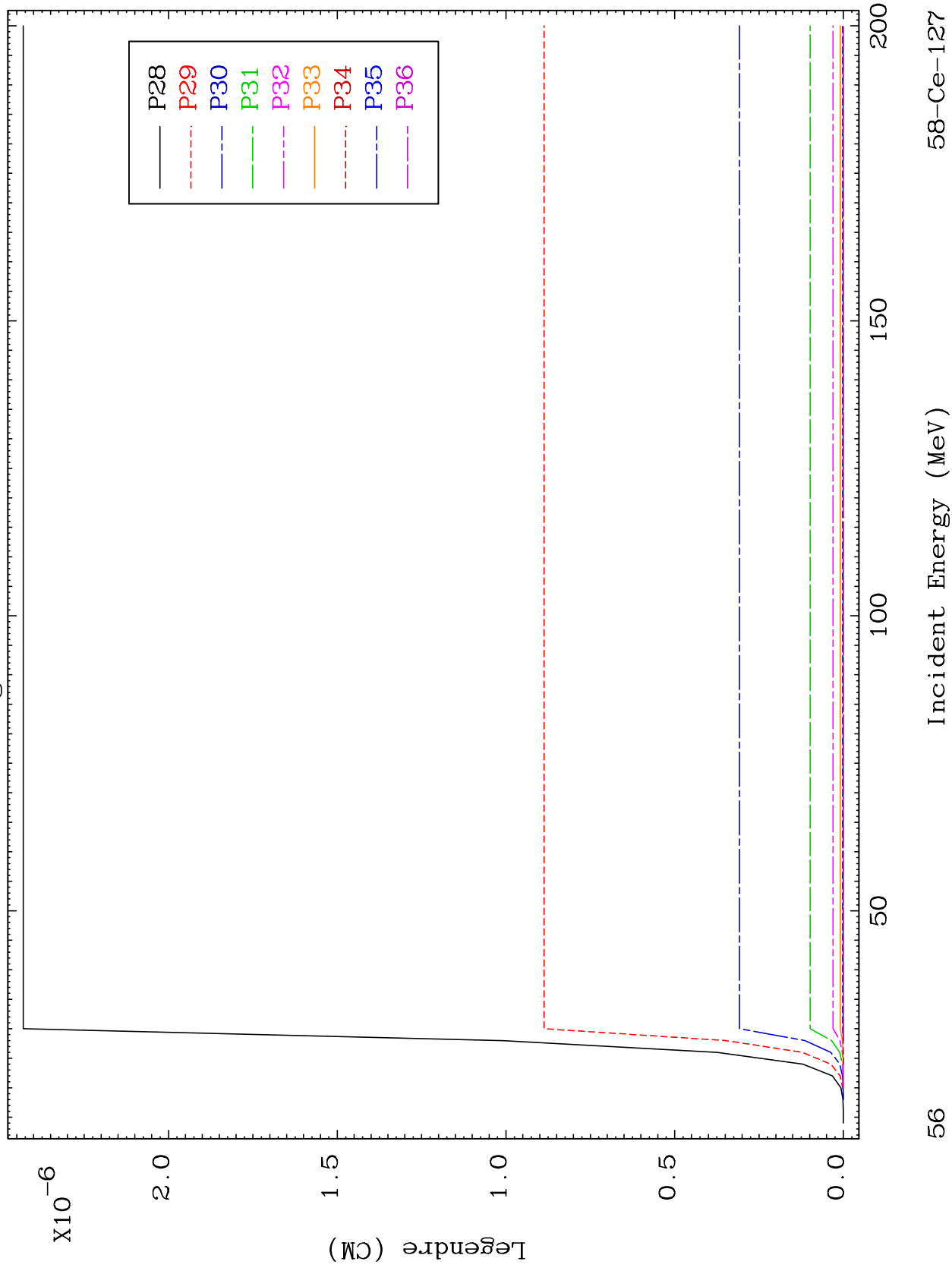




MAT 5798

365.9 keV (n, n') Level Legendre Coefficients

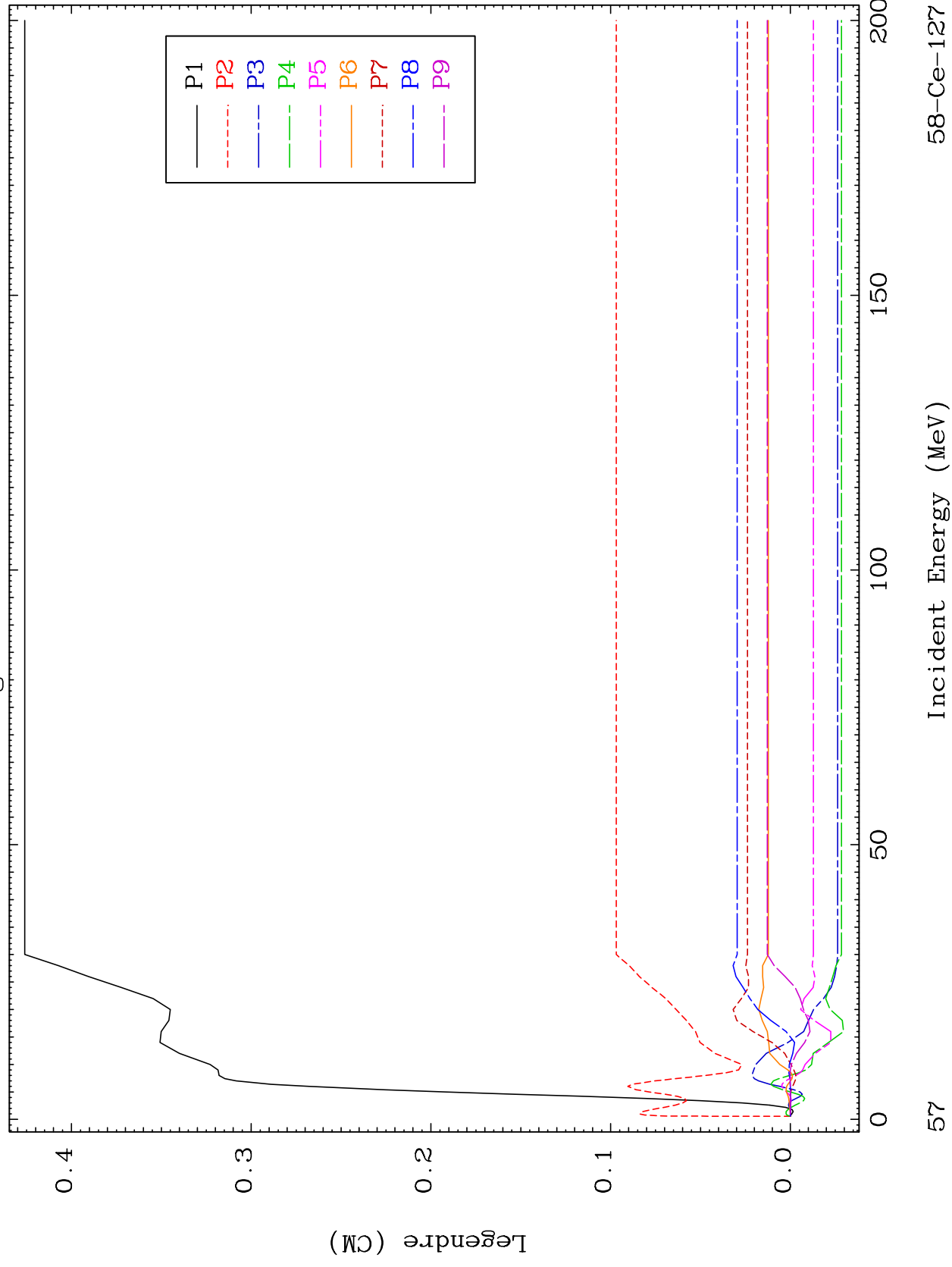
58-Ce-127

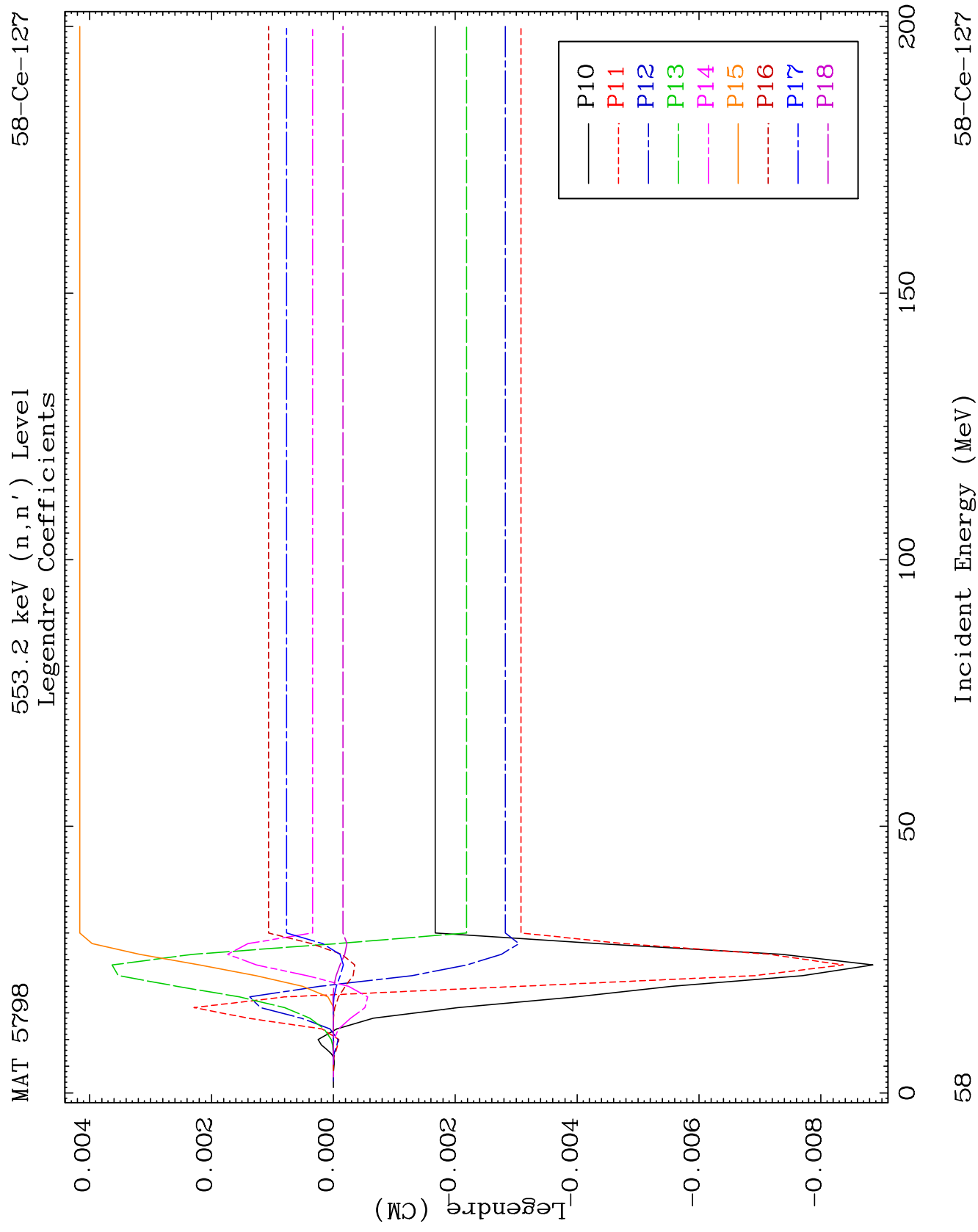


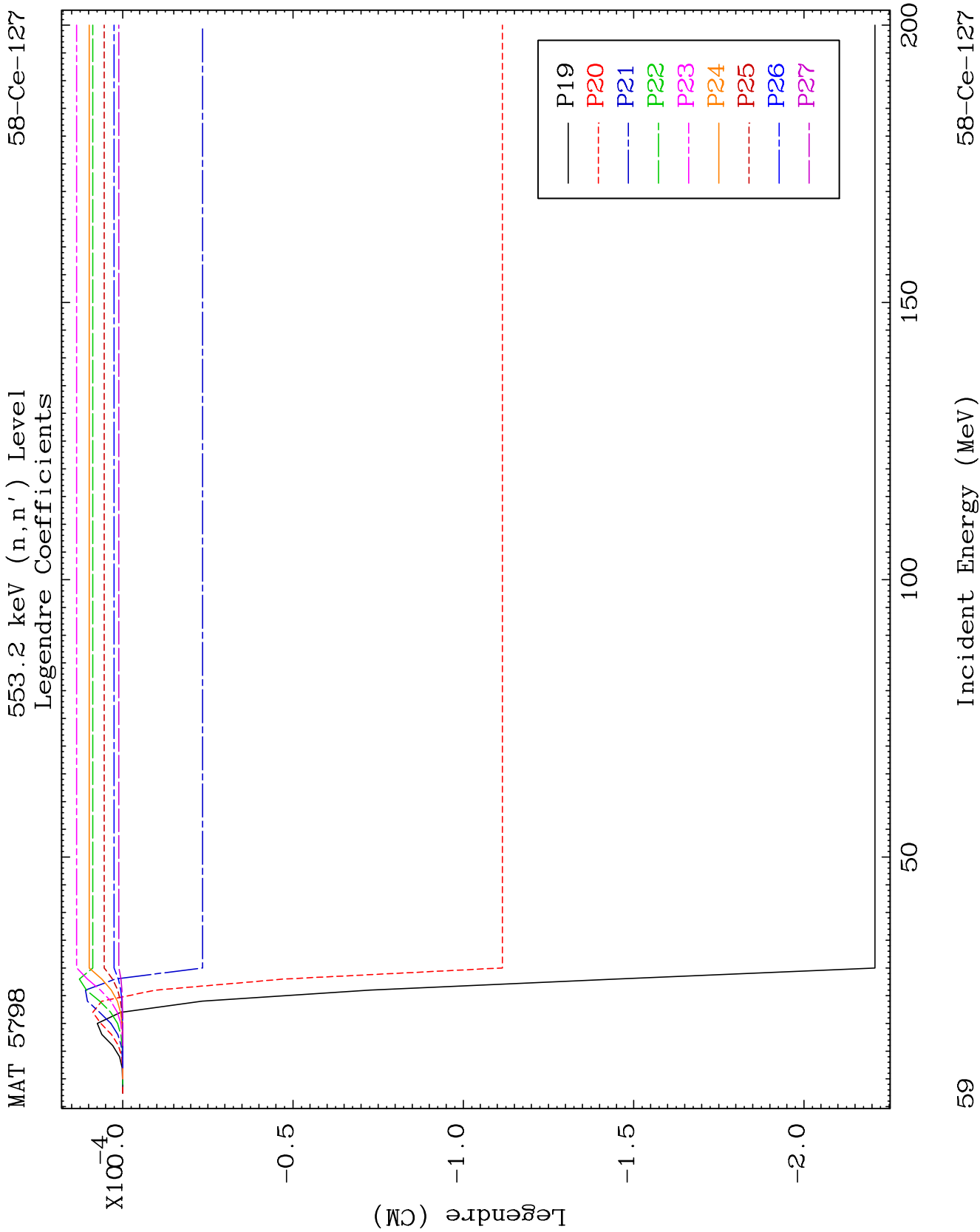
MAT 5798

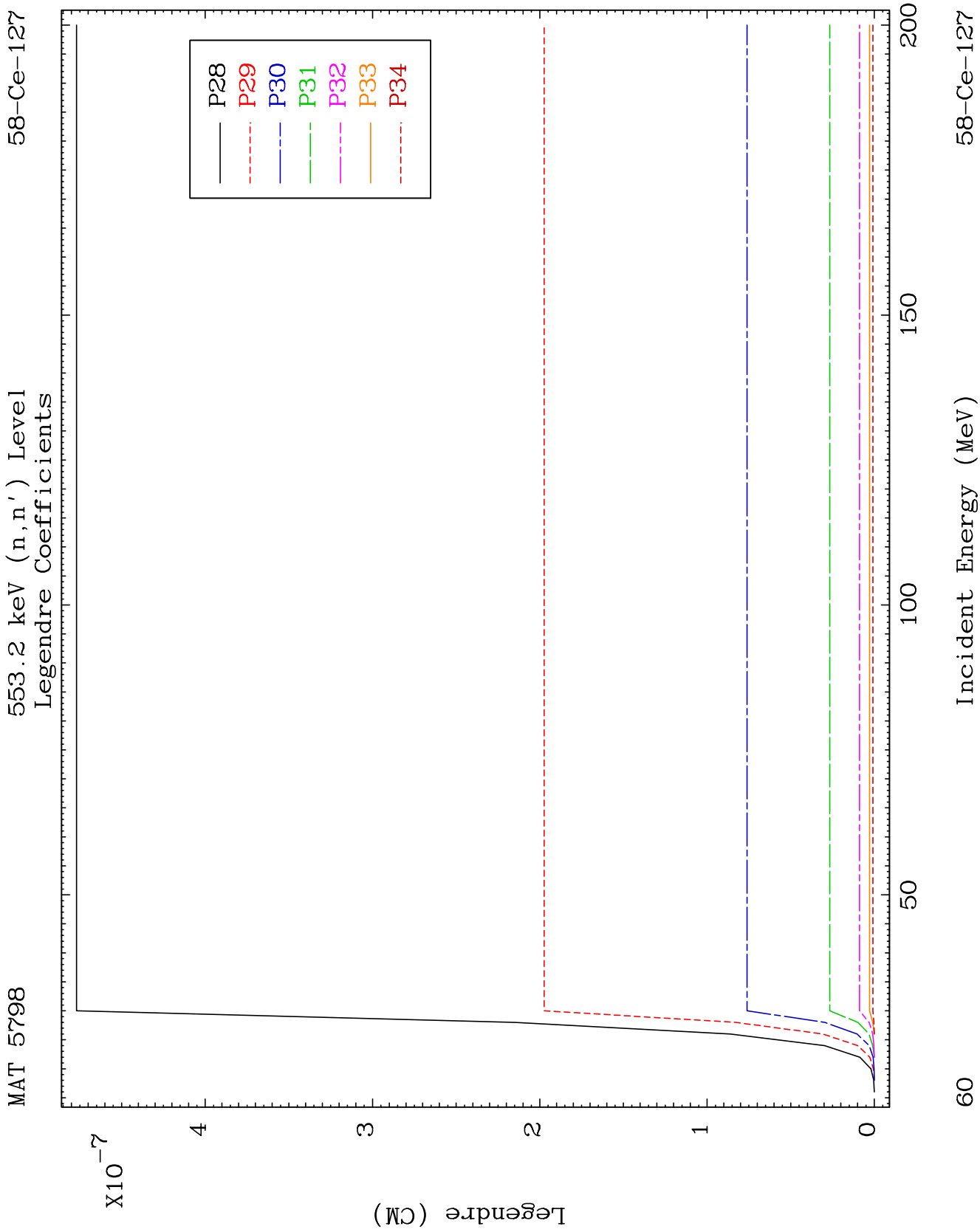
553.2 keV (n, n') Level
Legendre Coefficients

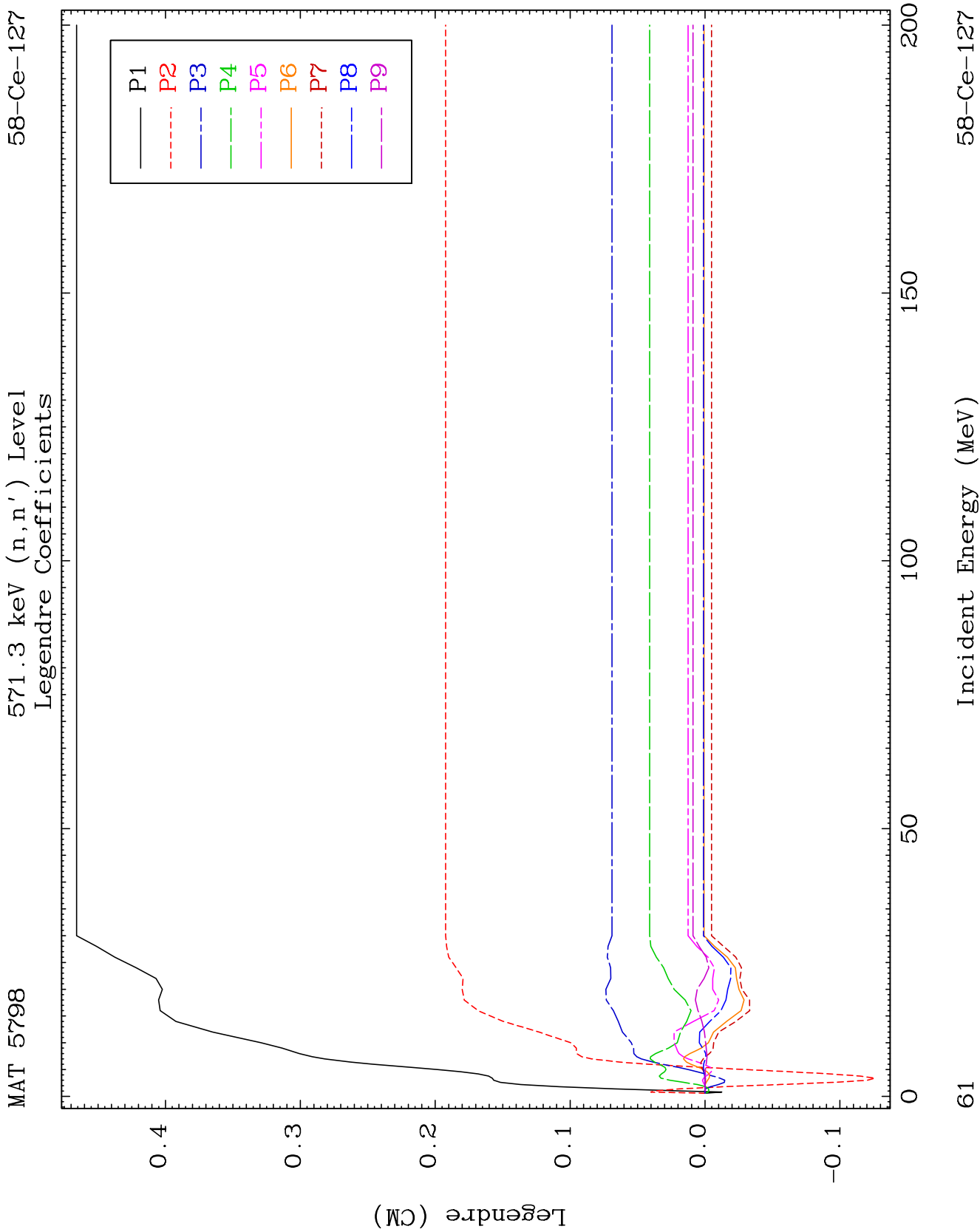
58-Ce-127

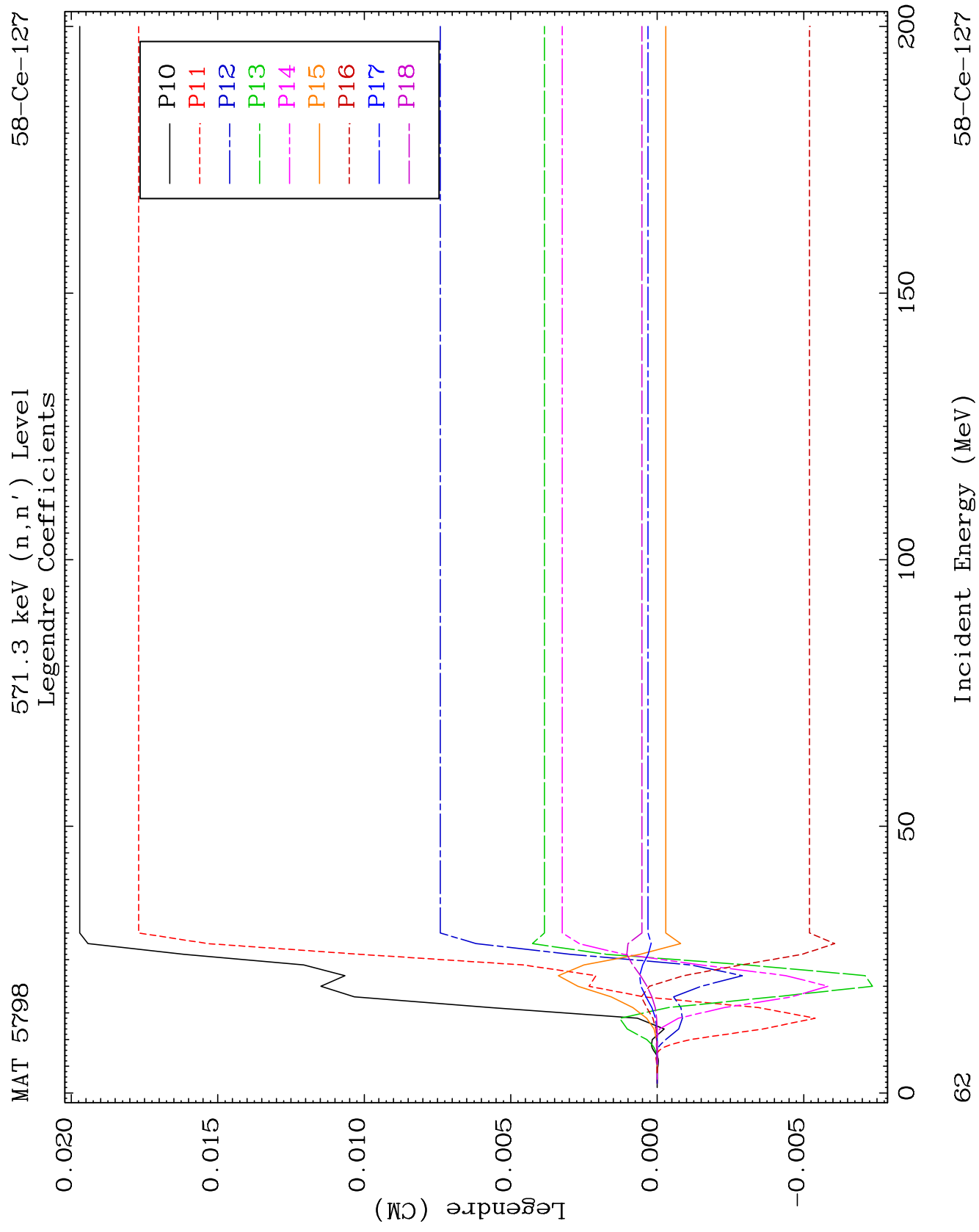


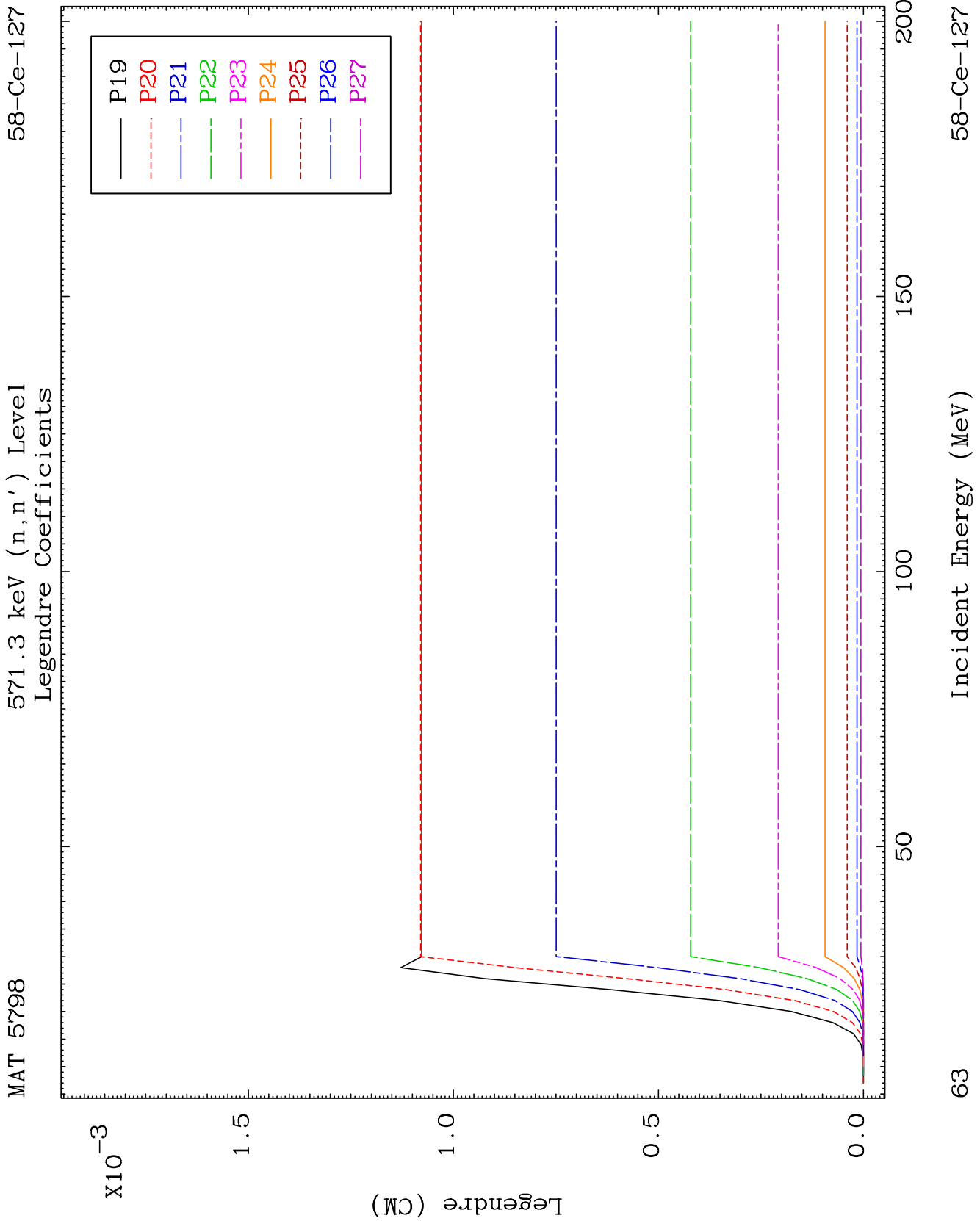


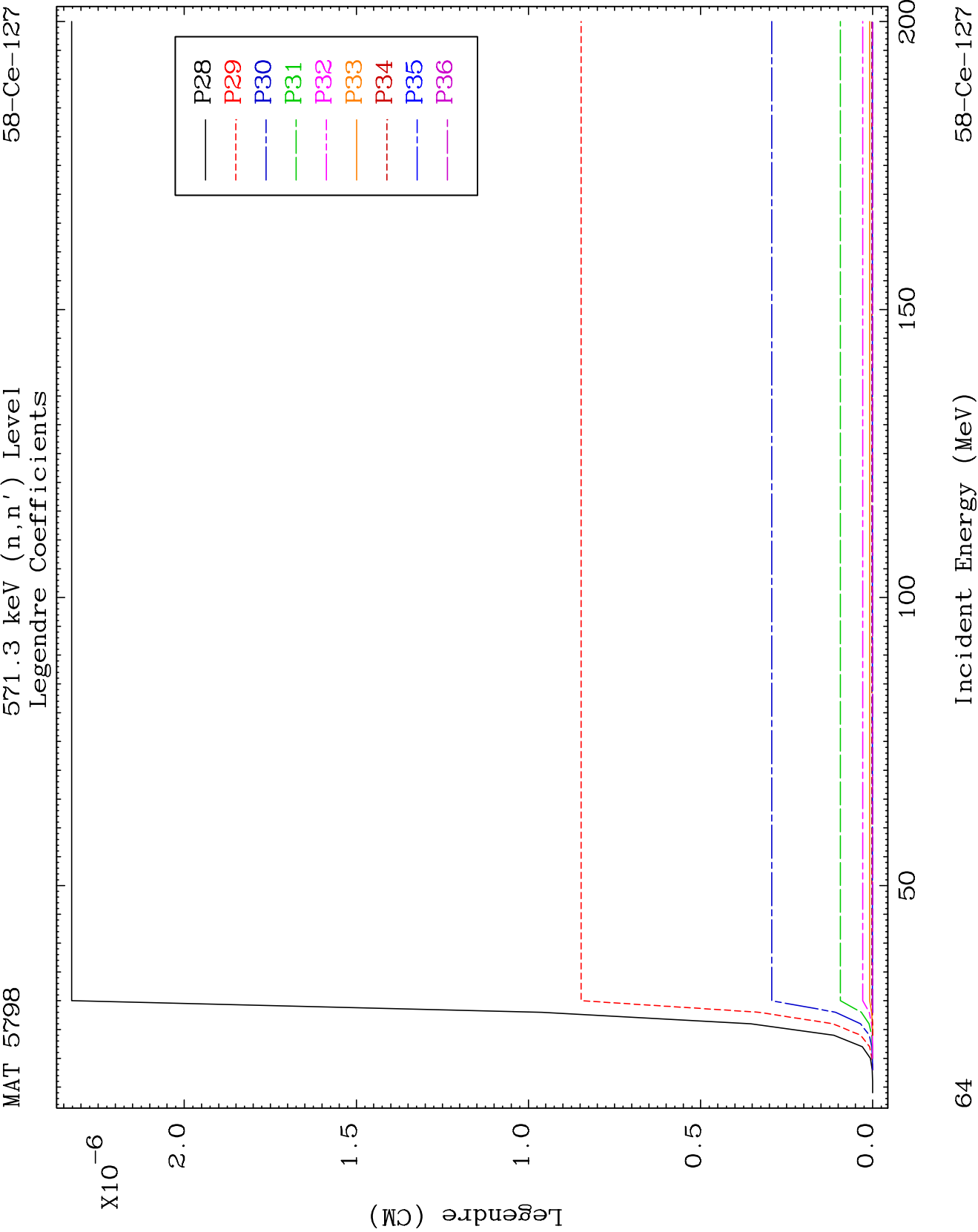








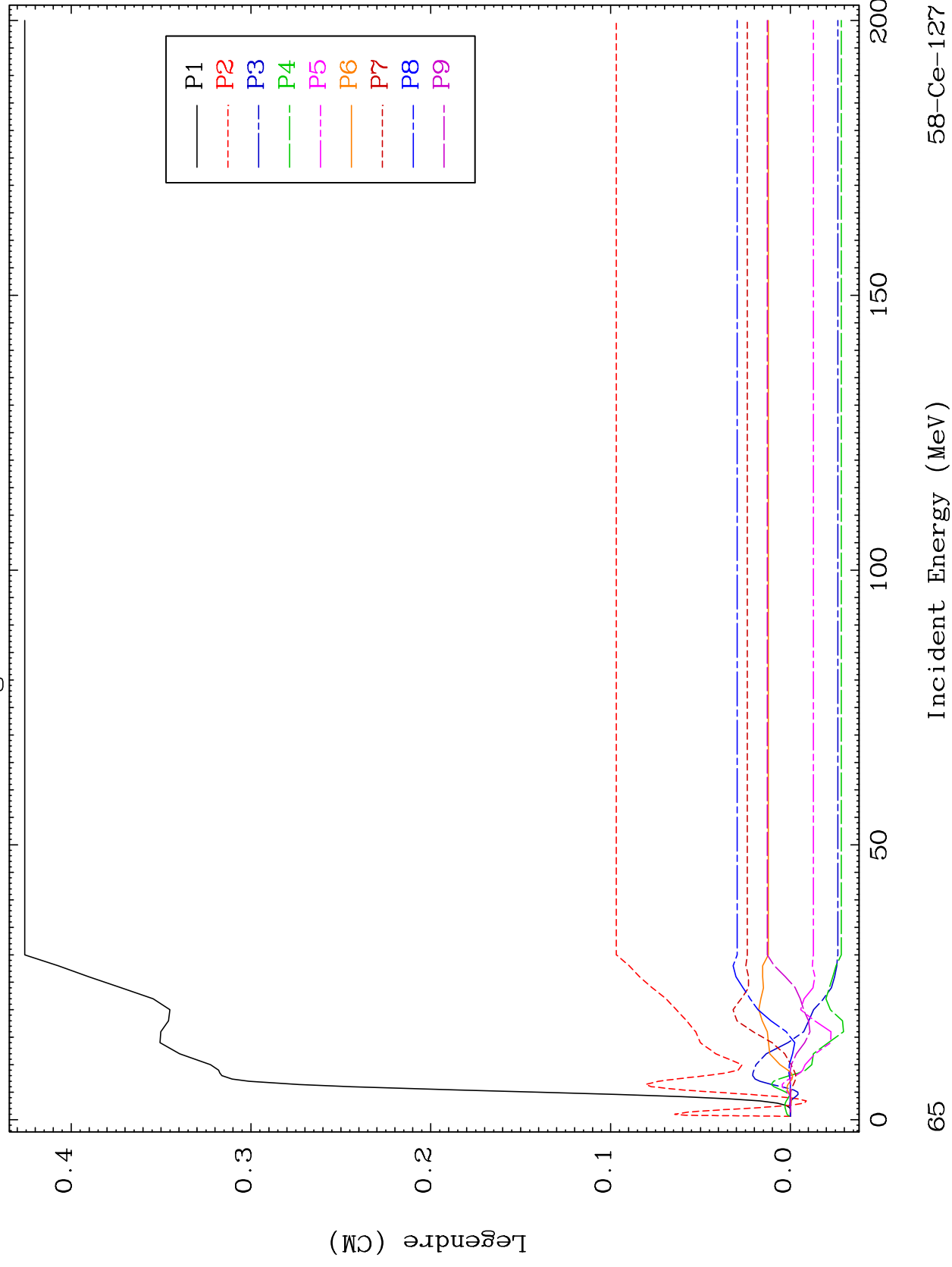


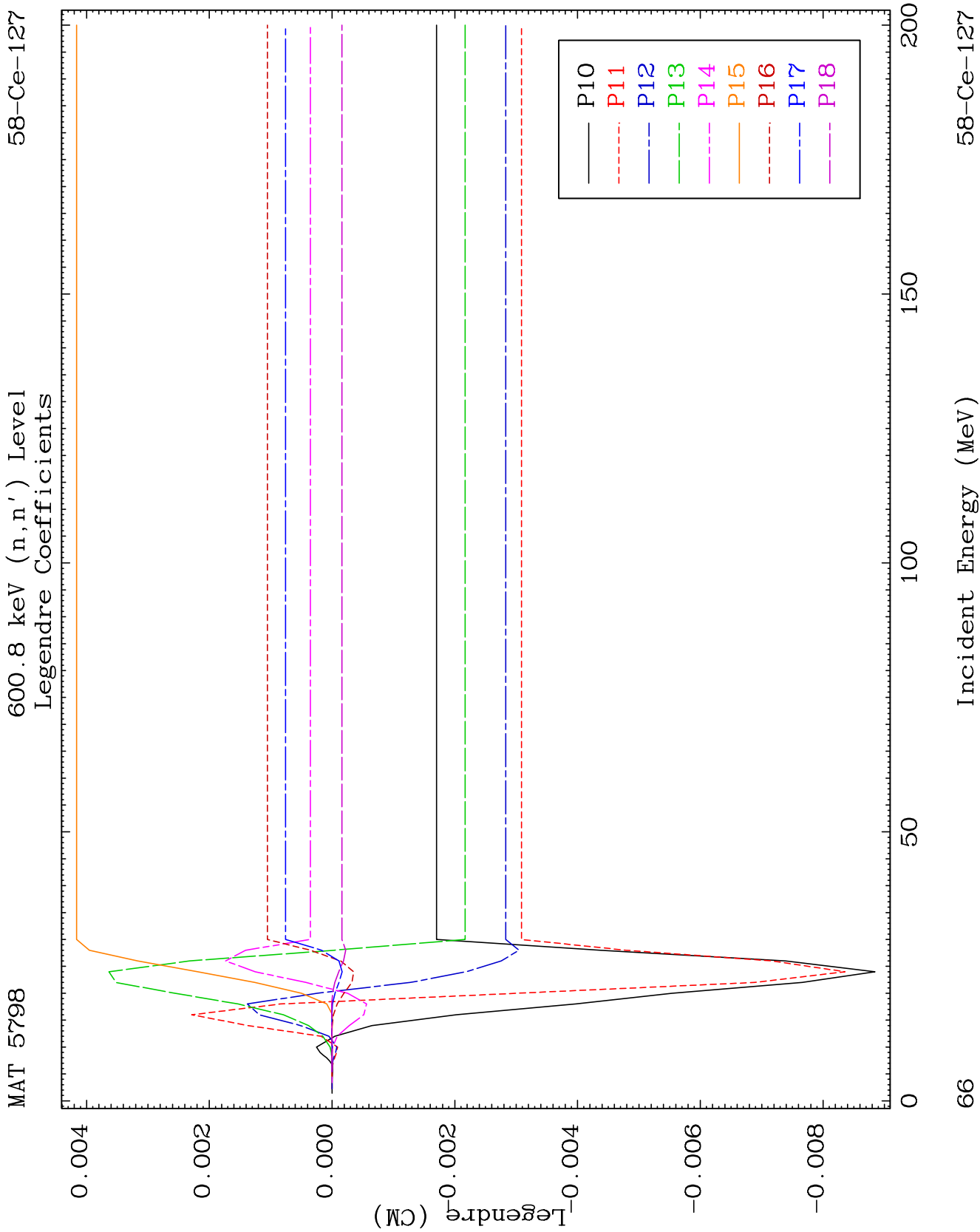


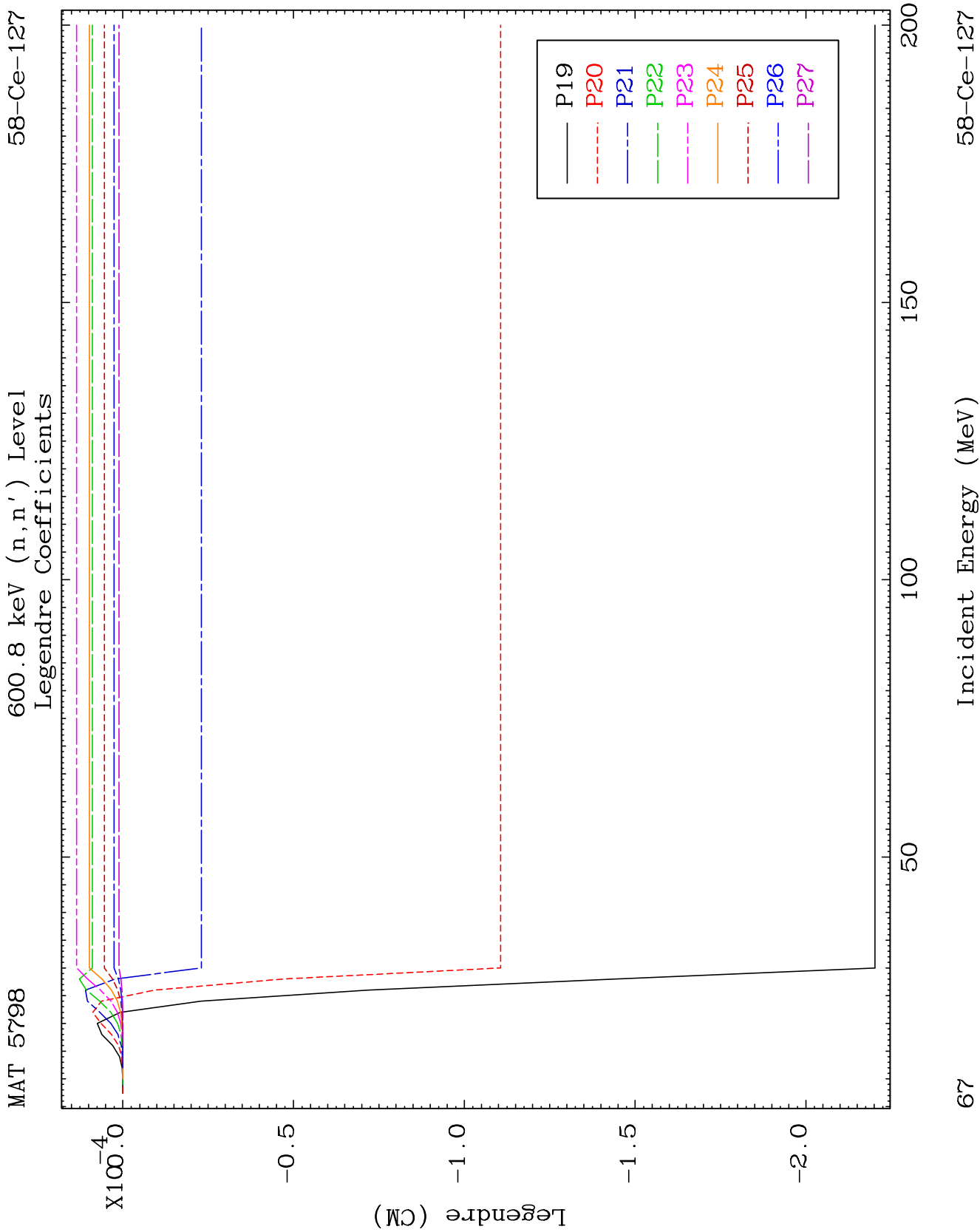
MAT 5798

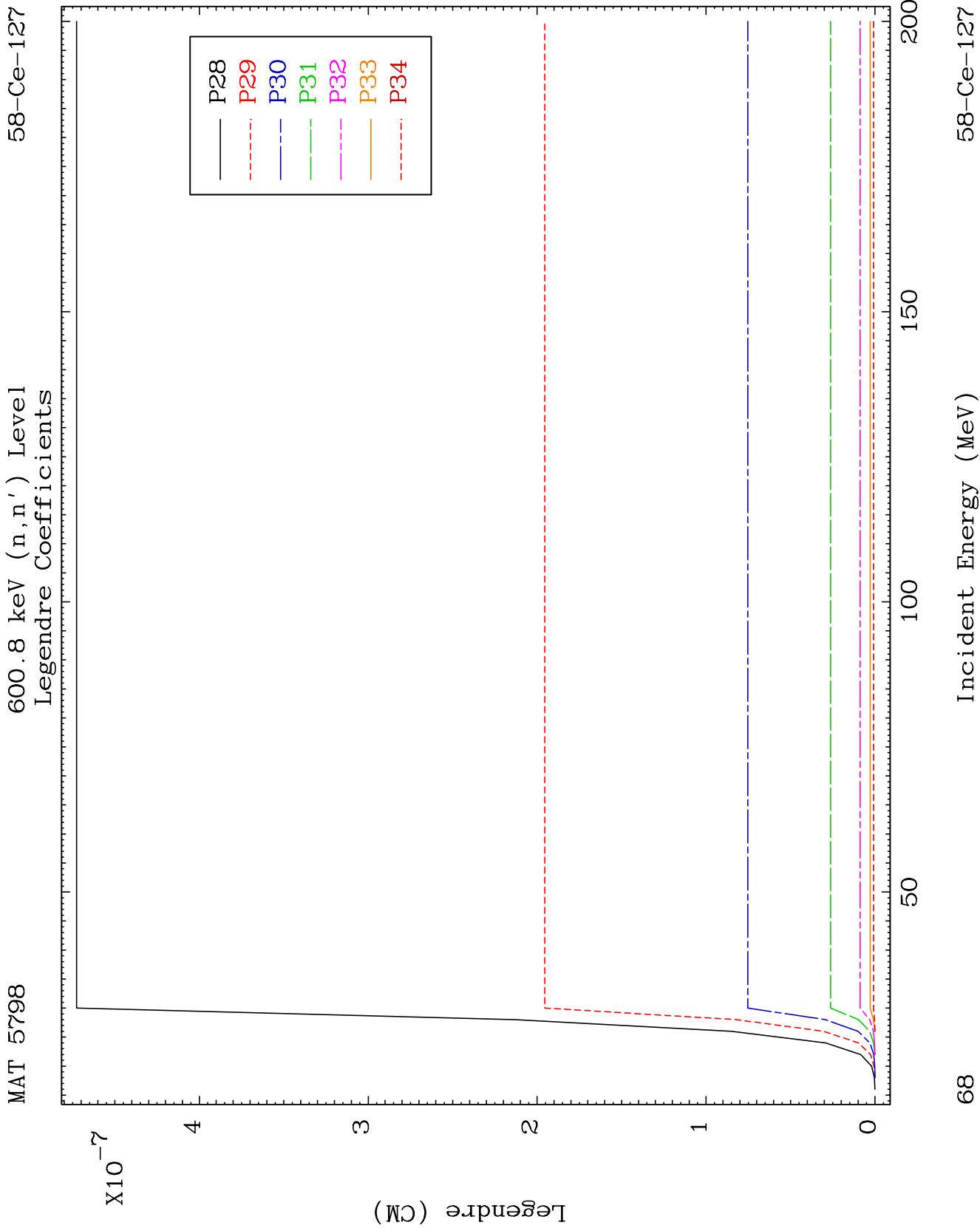
600.8 keV (n, n') Level Legendre Coefficients

58-Ce-127





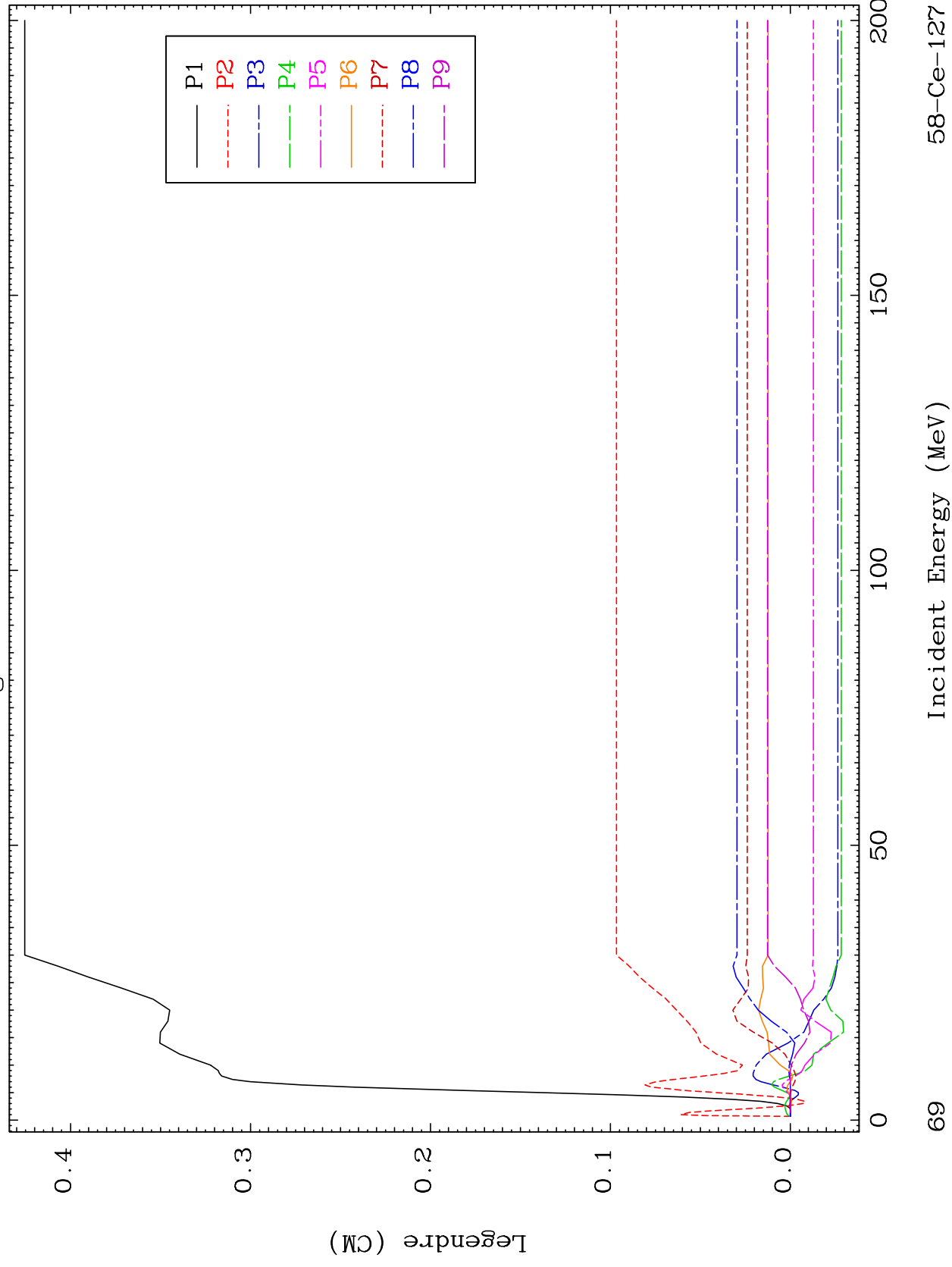


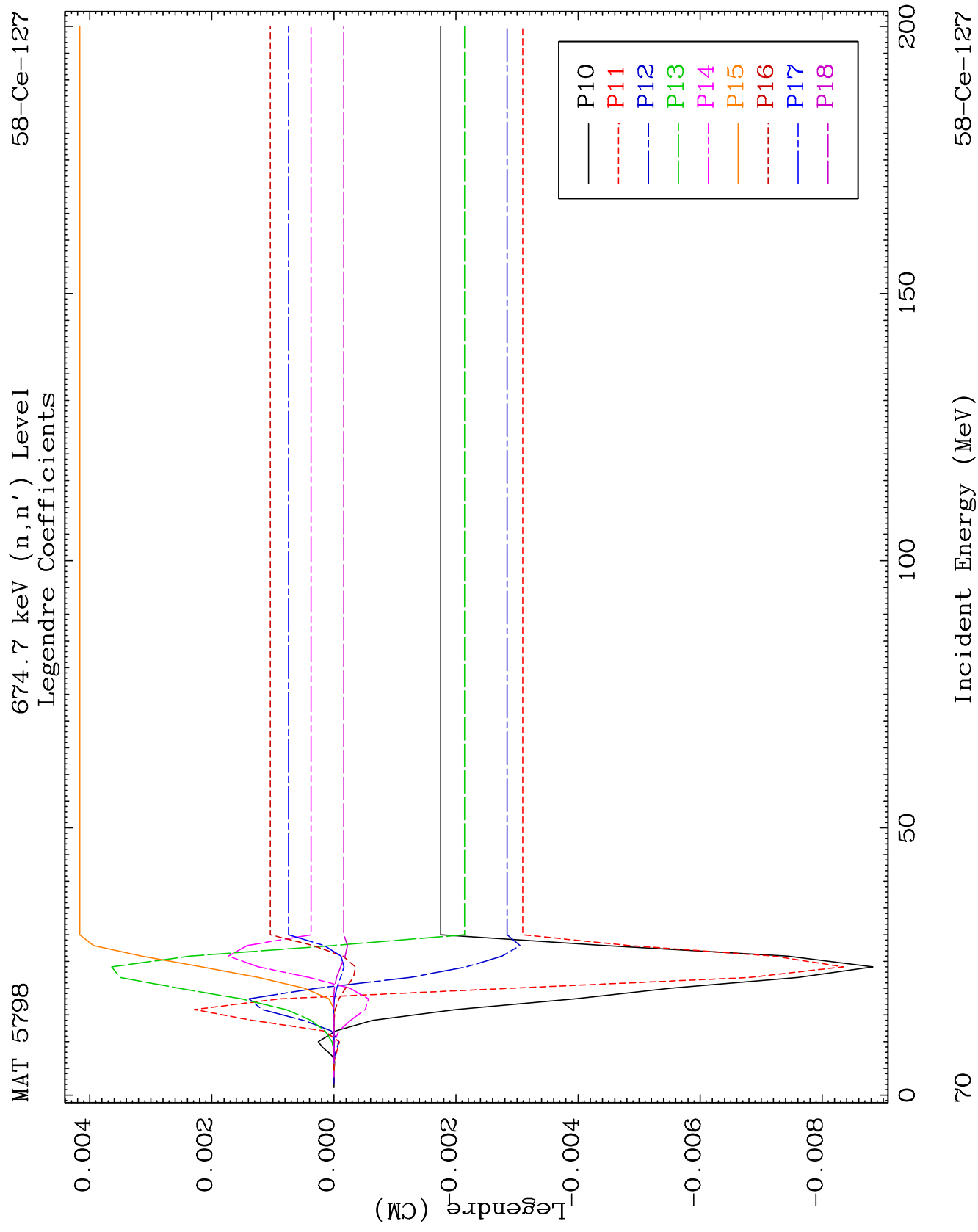


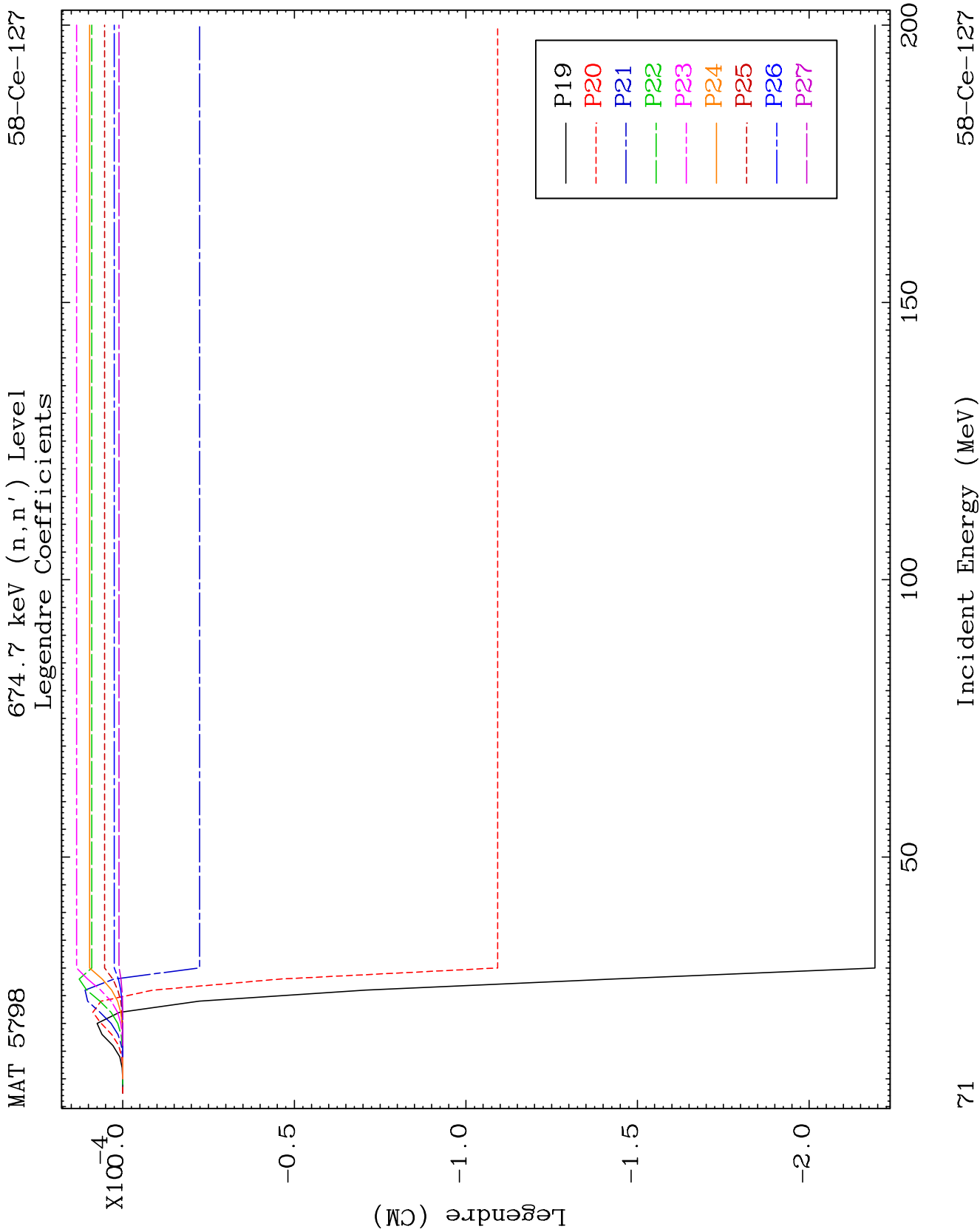
MAT 5798

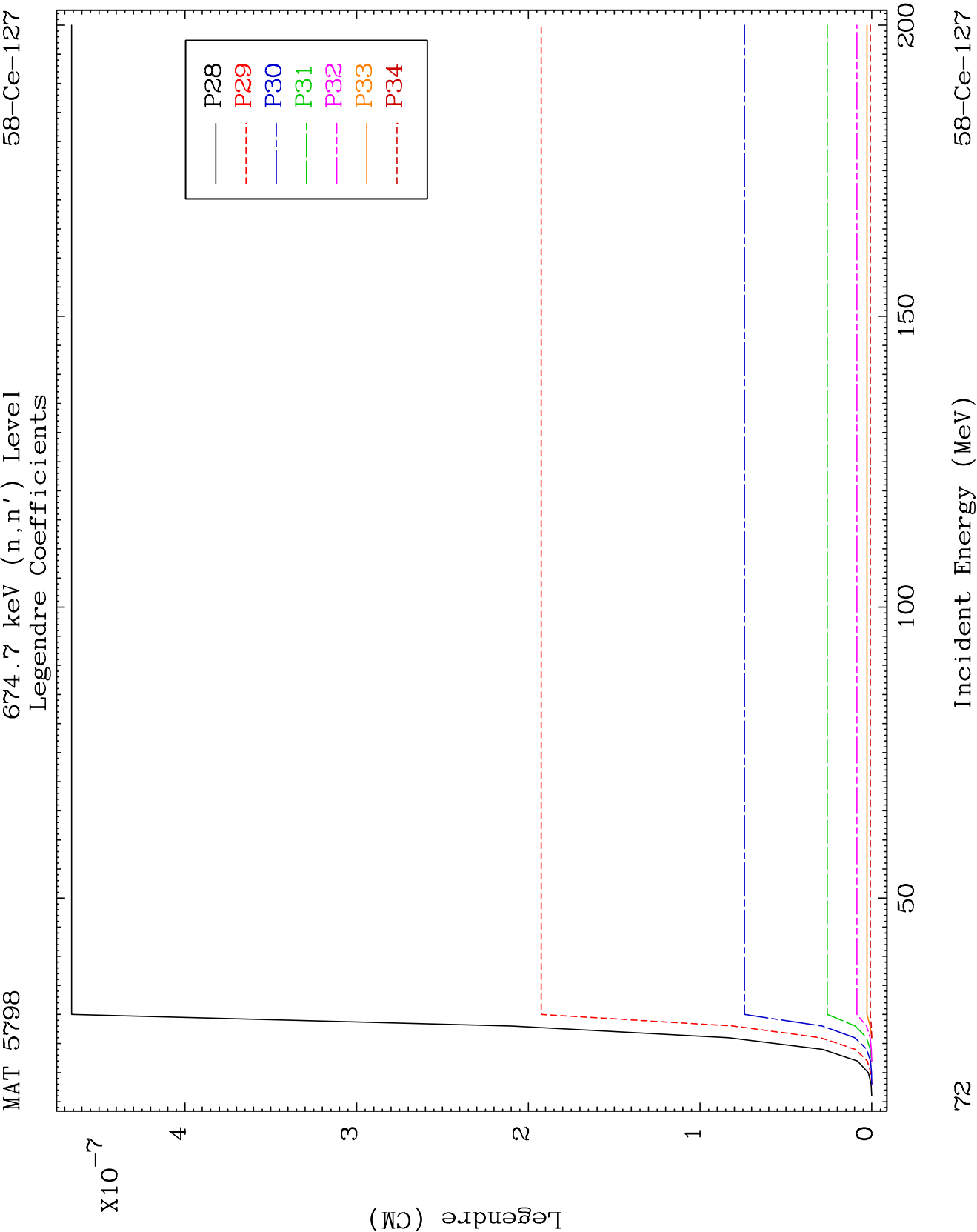
674.7 keV (n, n') Level Legendre Coefficients

58-Ce-127





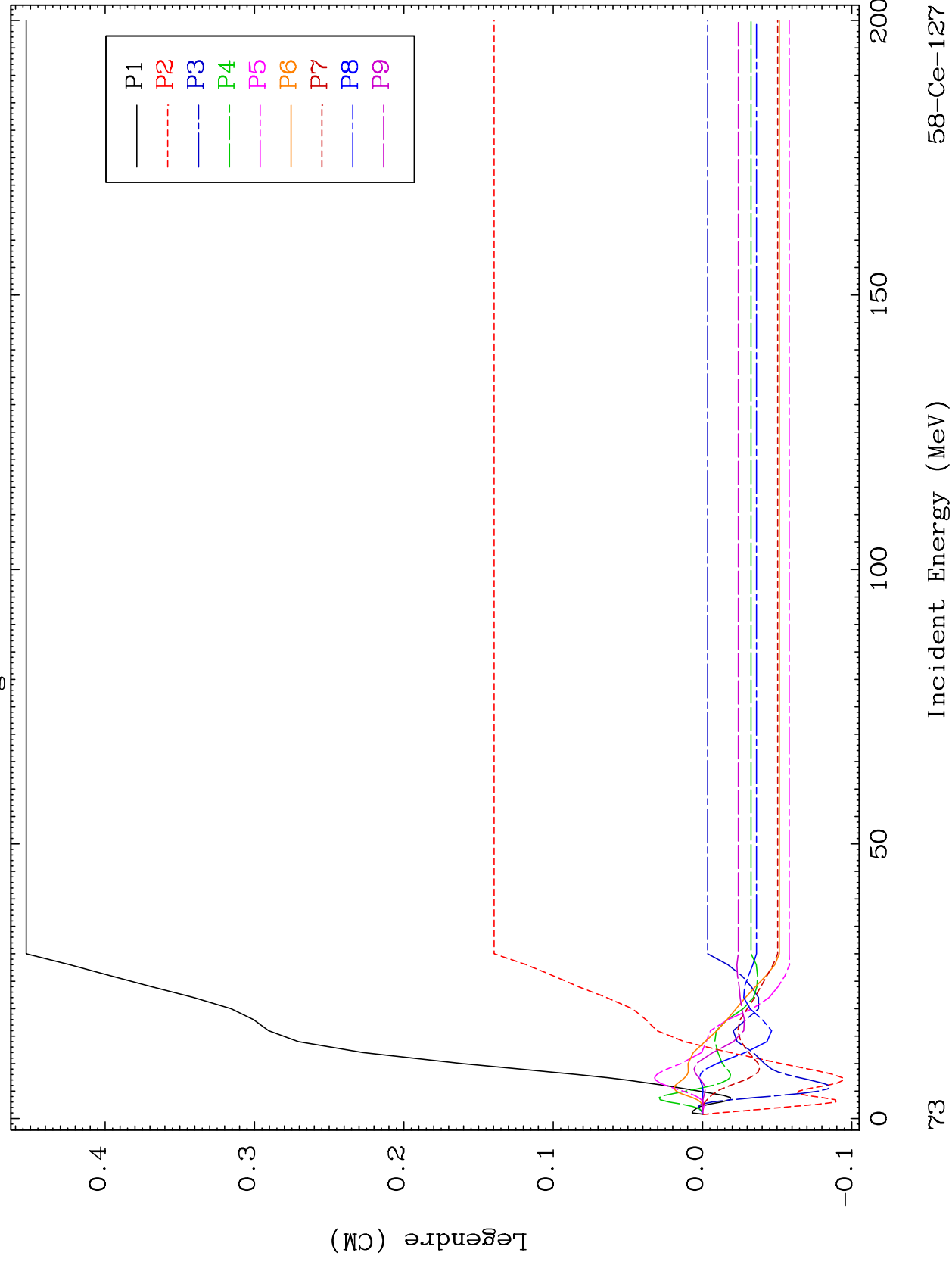




MAT 5798

703.7 keV (n, n') Level Legendre Coefficients

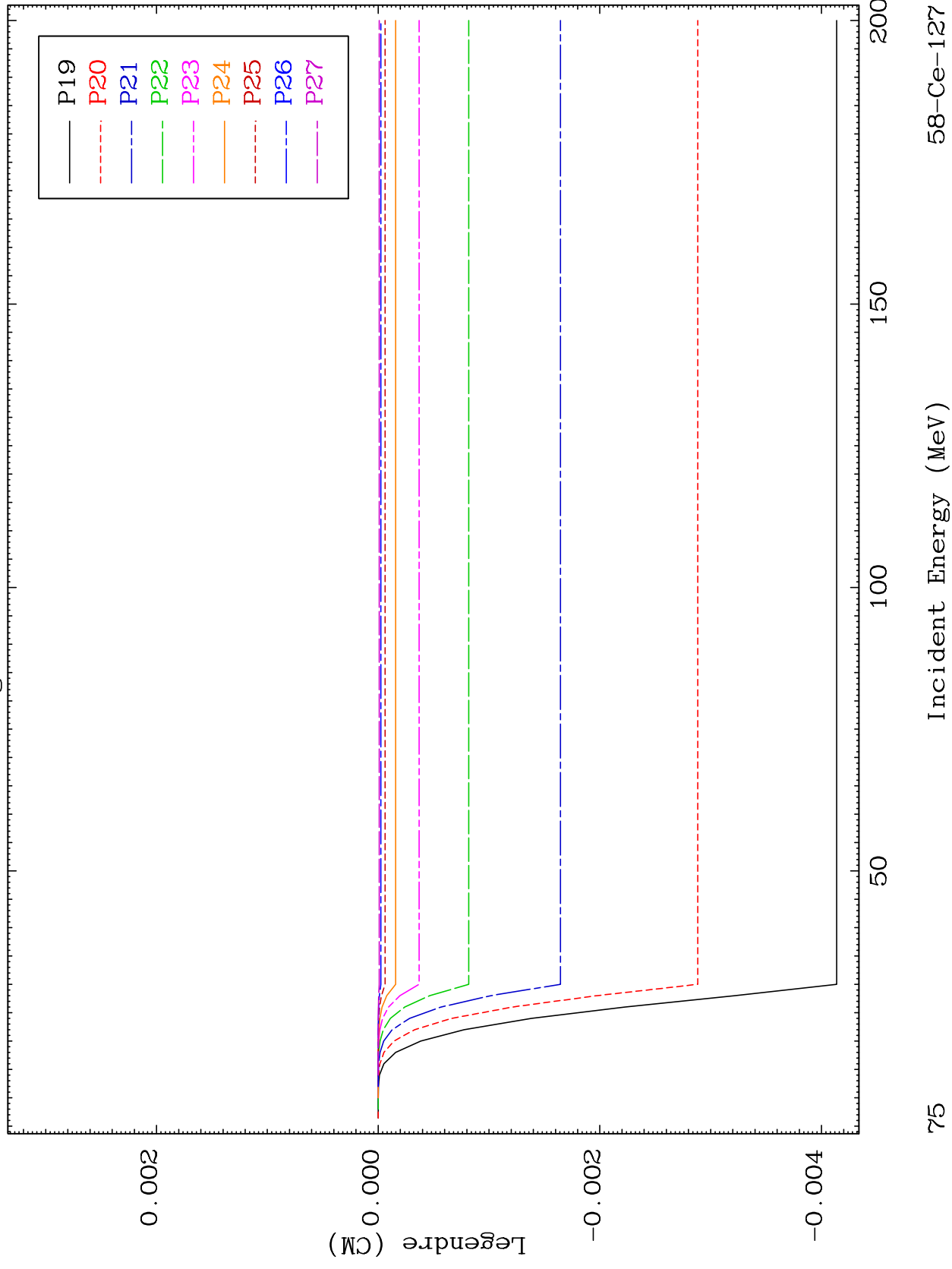
58-Ce-127

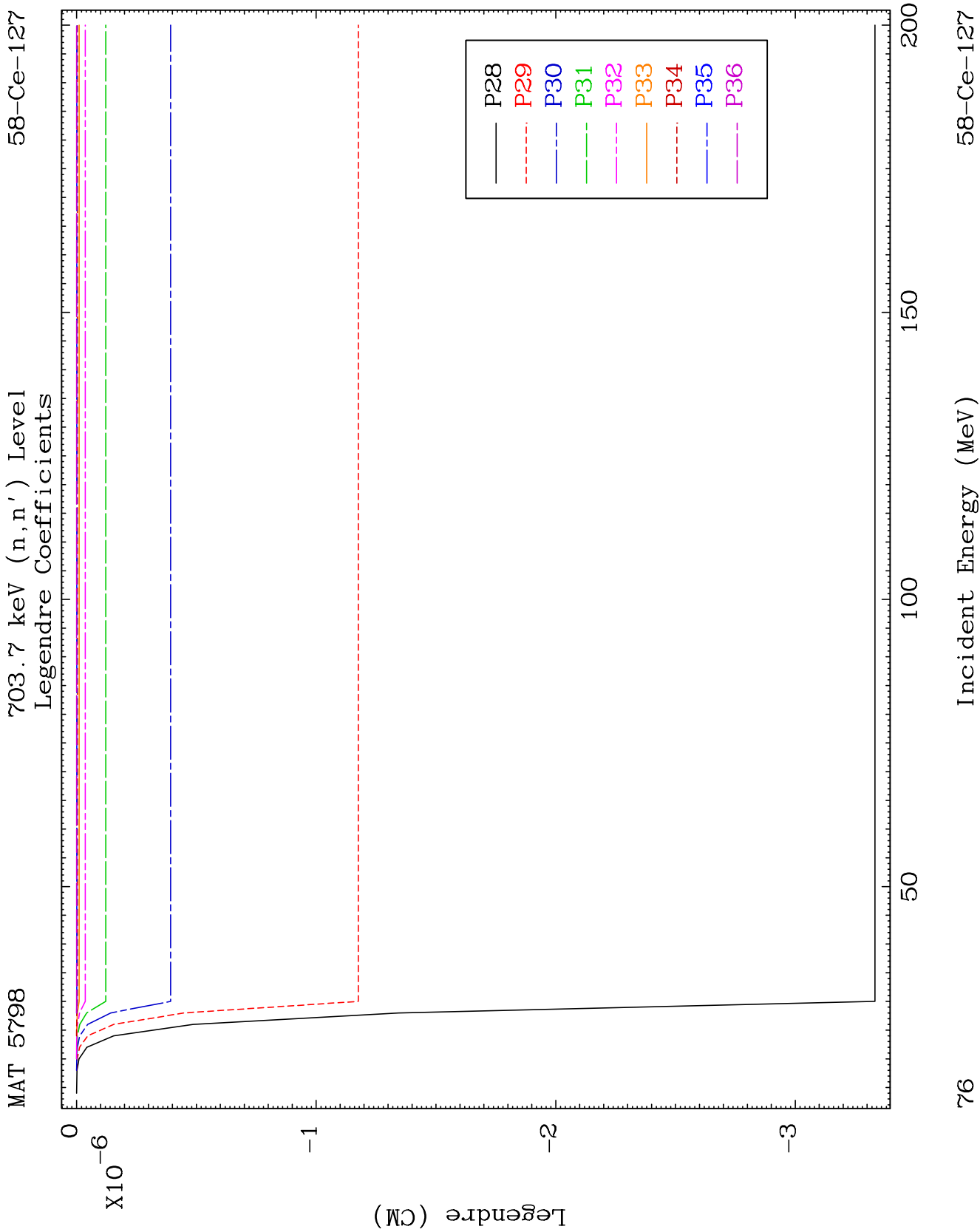


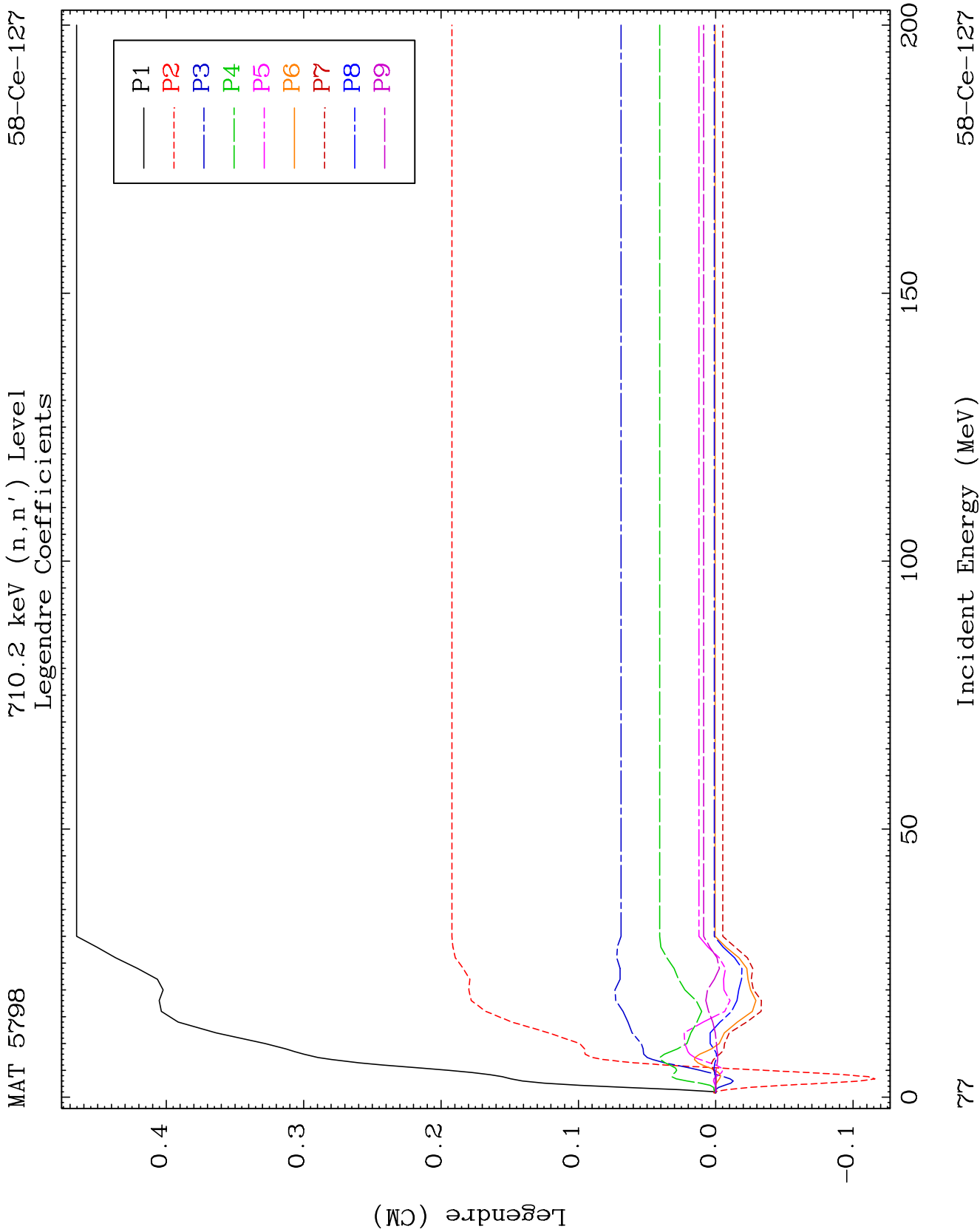
MAT 5798

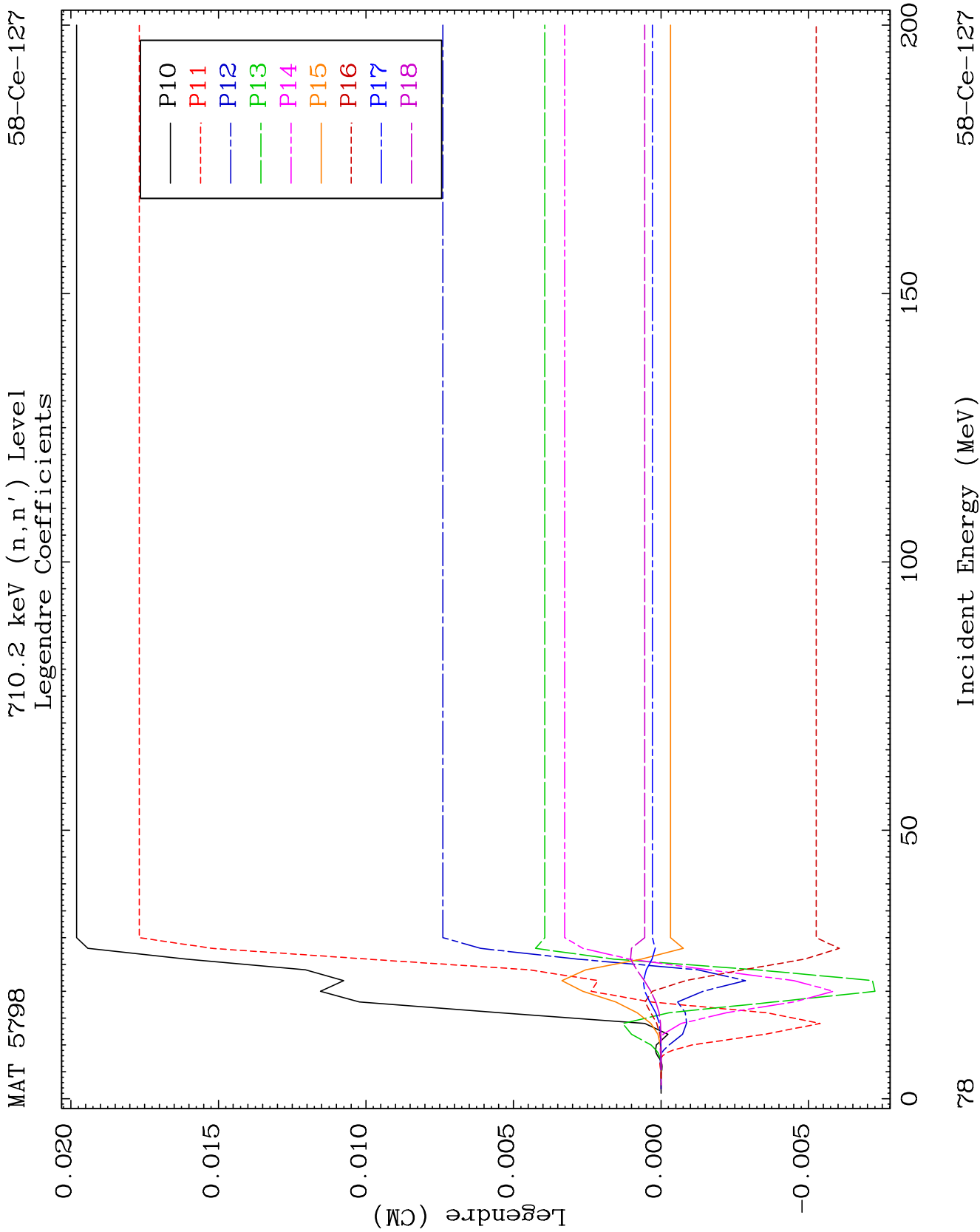
703.7 keV (n, n') Level
Legendre Coefficients

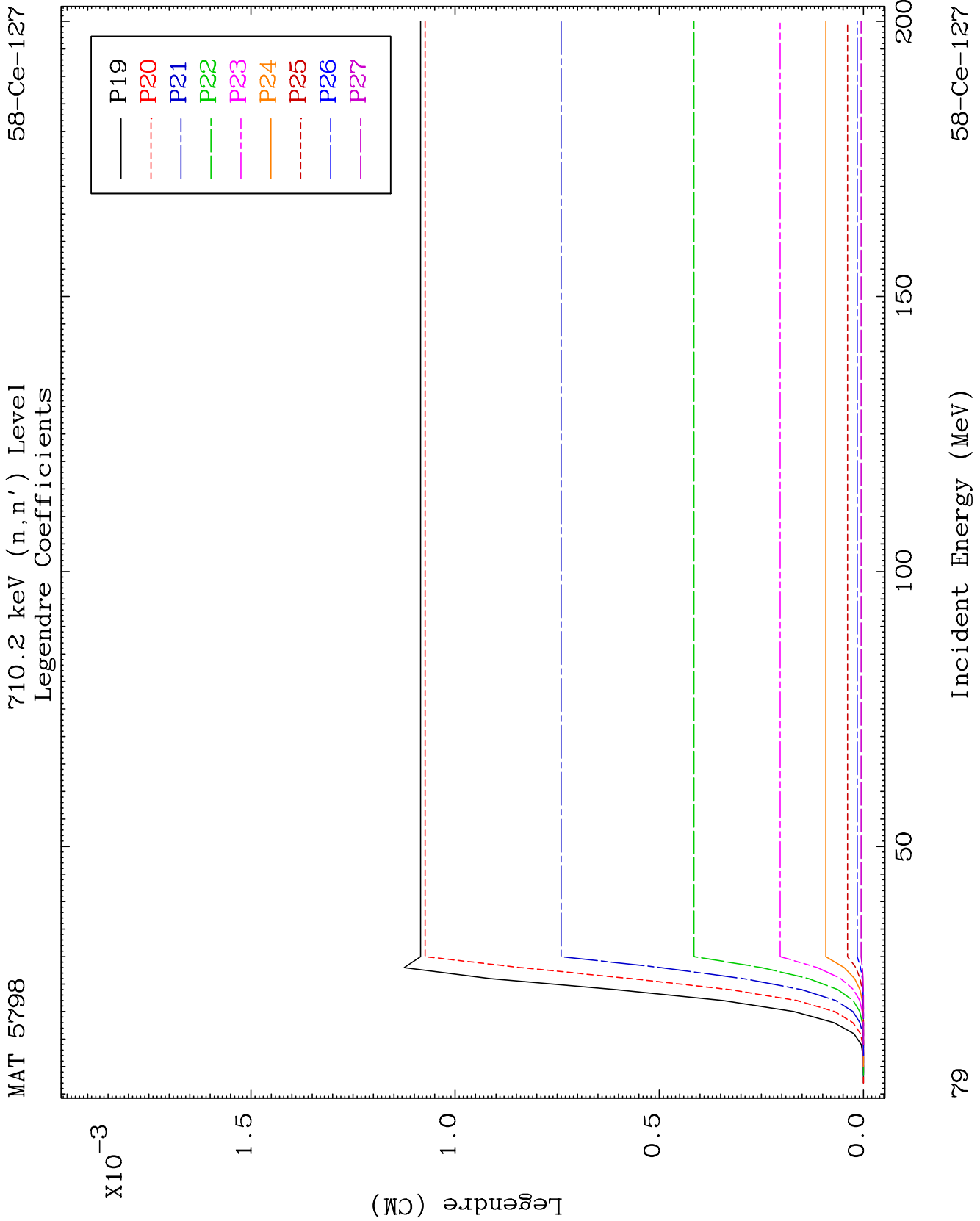
58-Ce-127

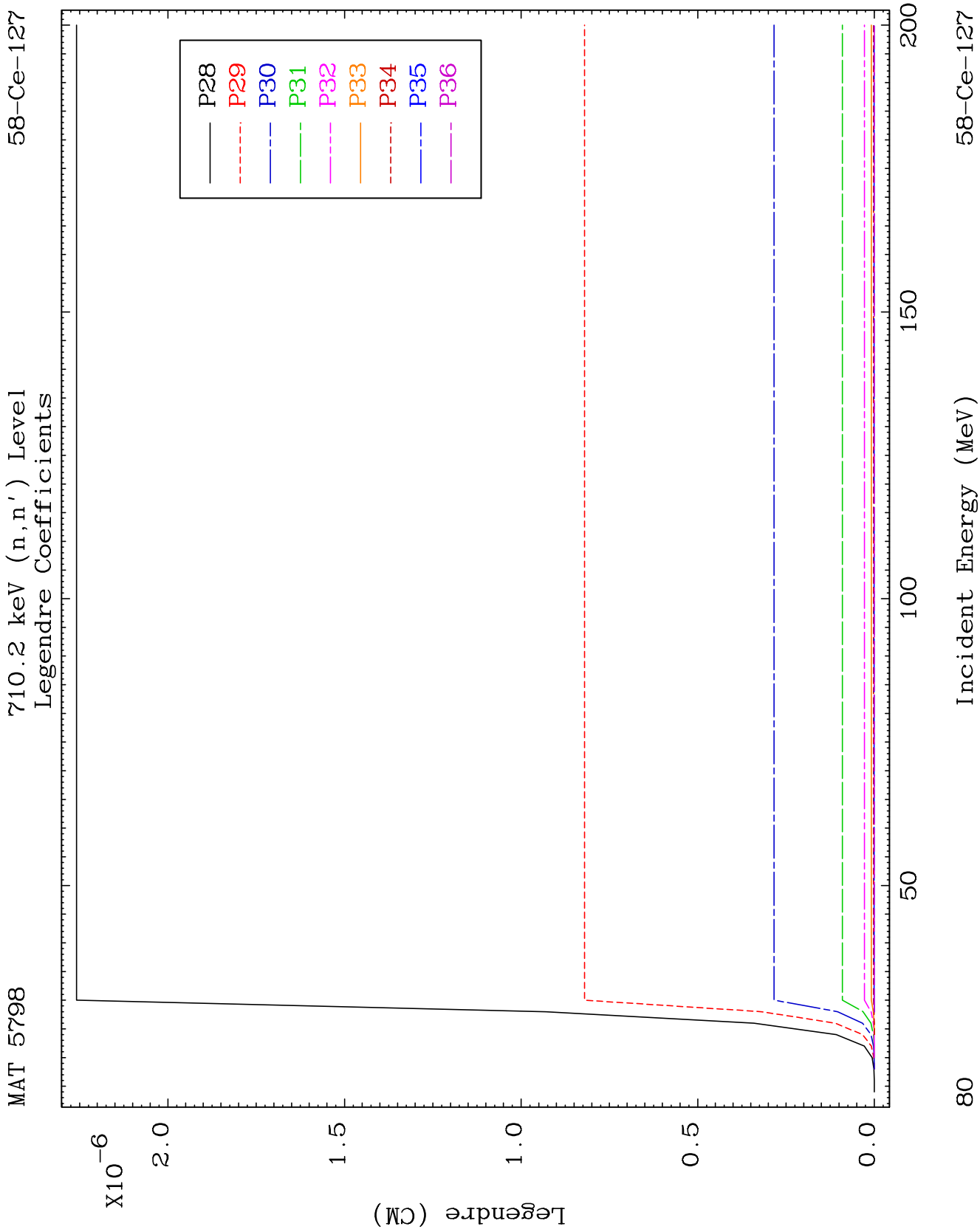


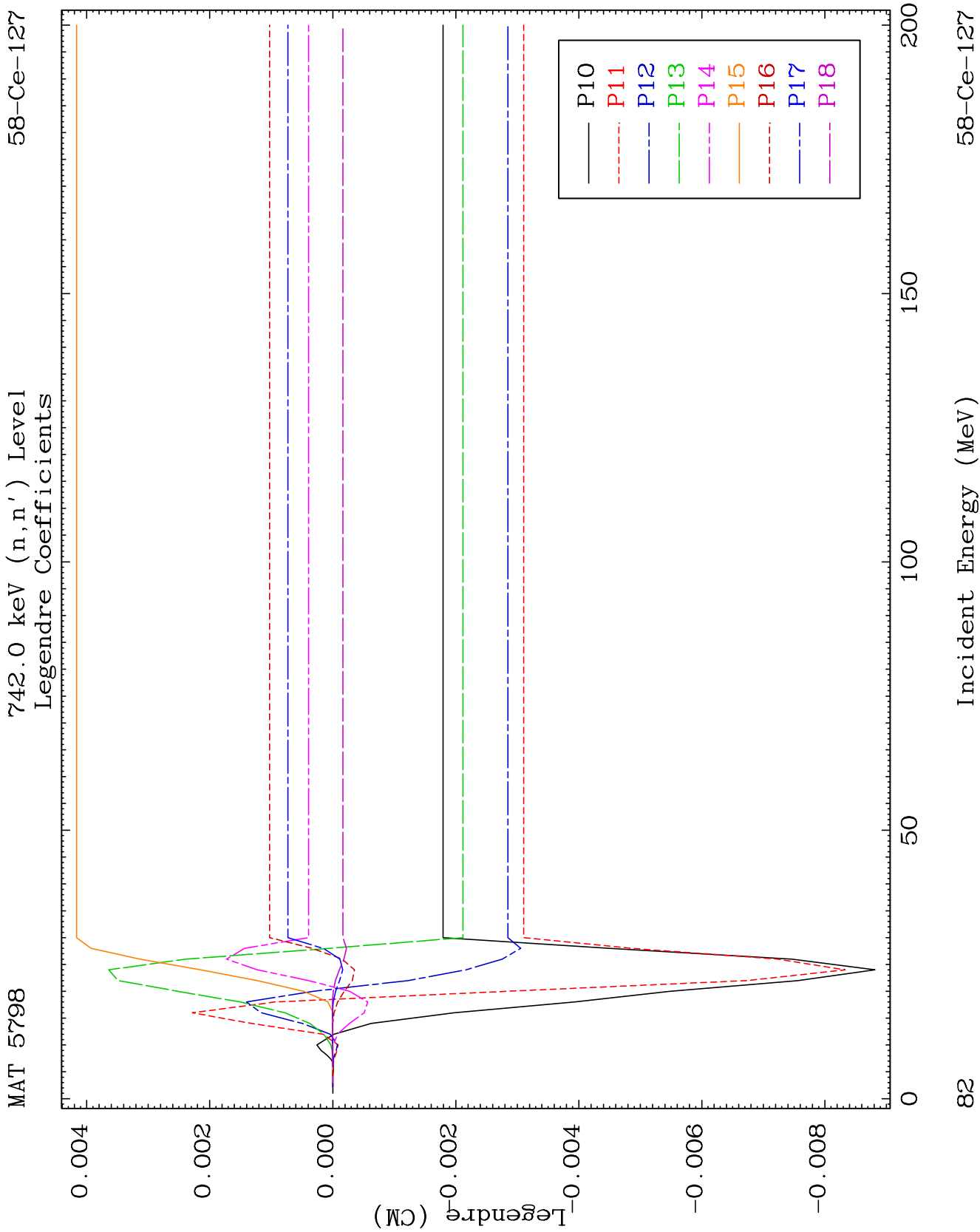


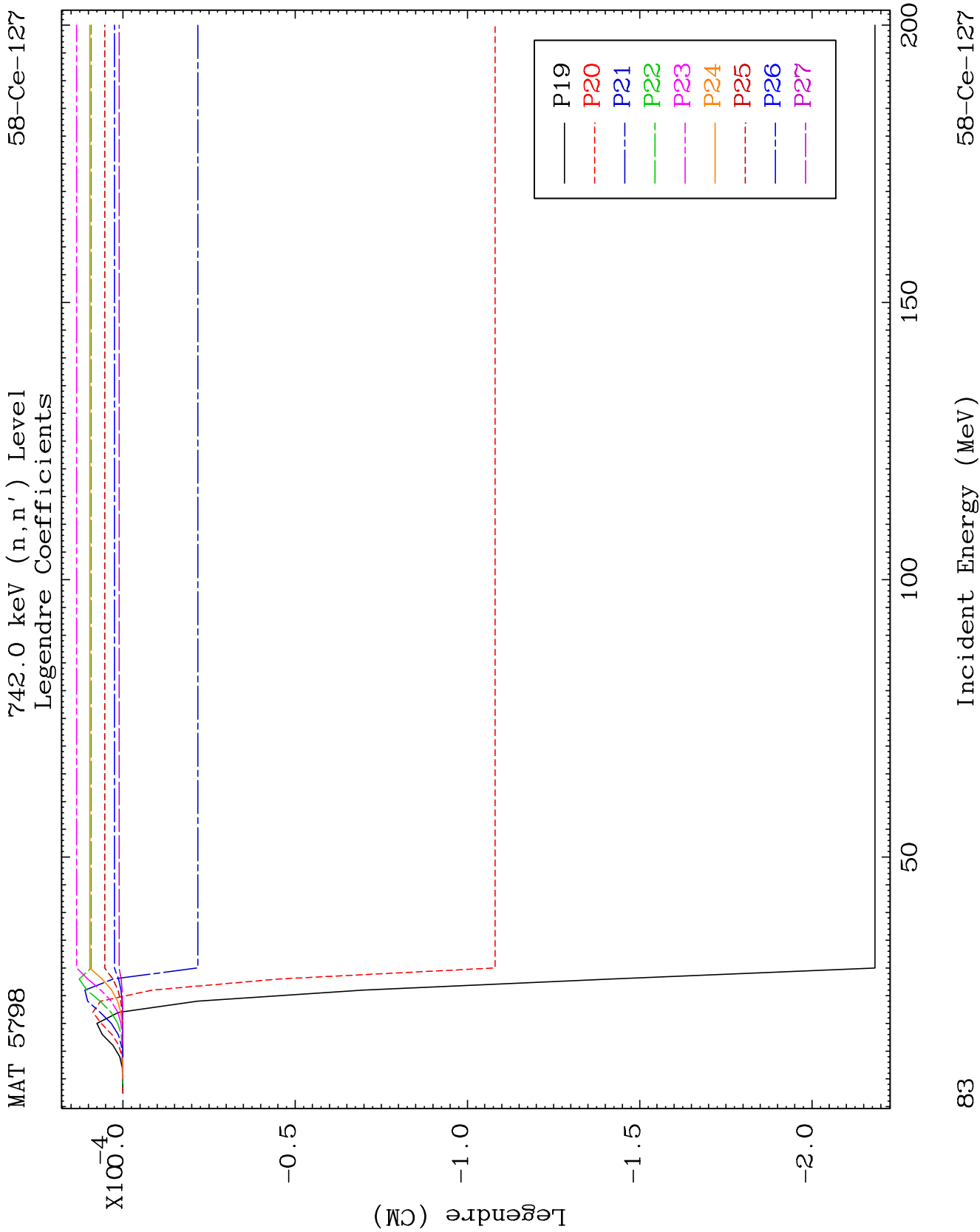


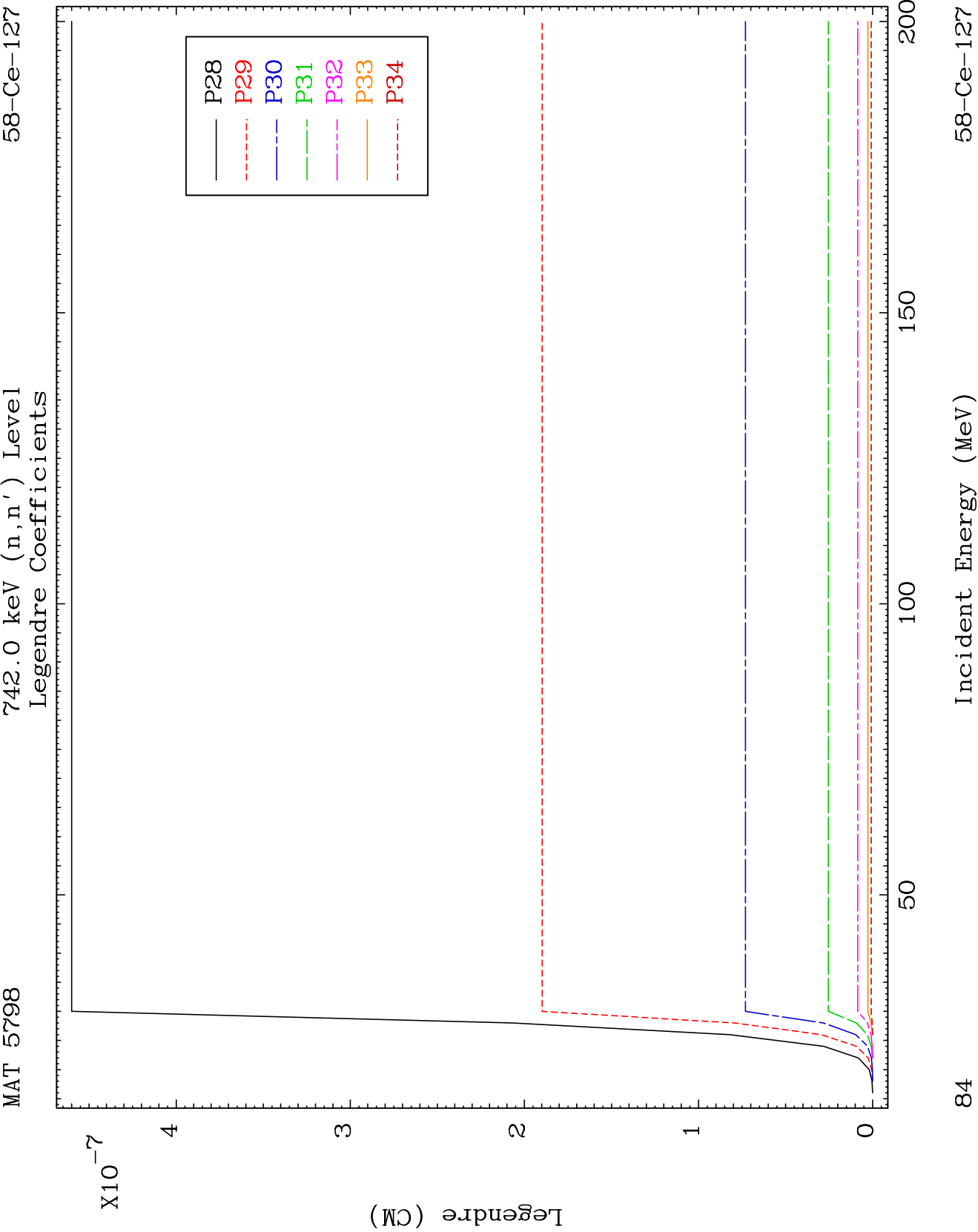








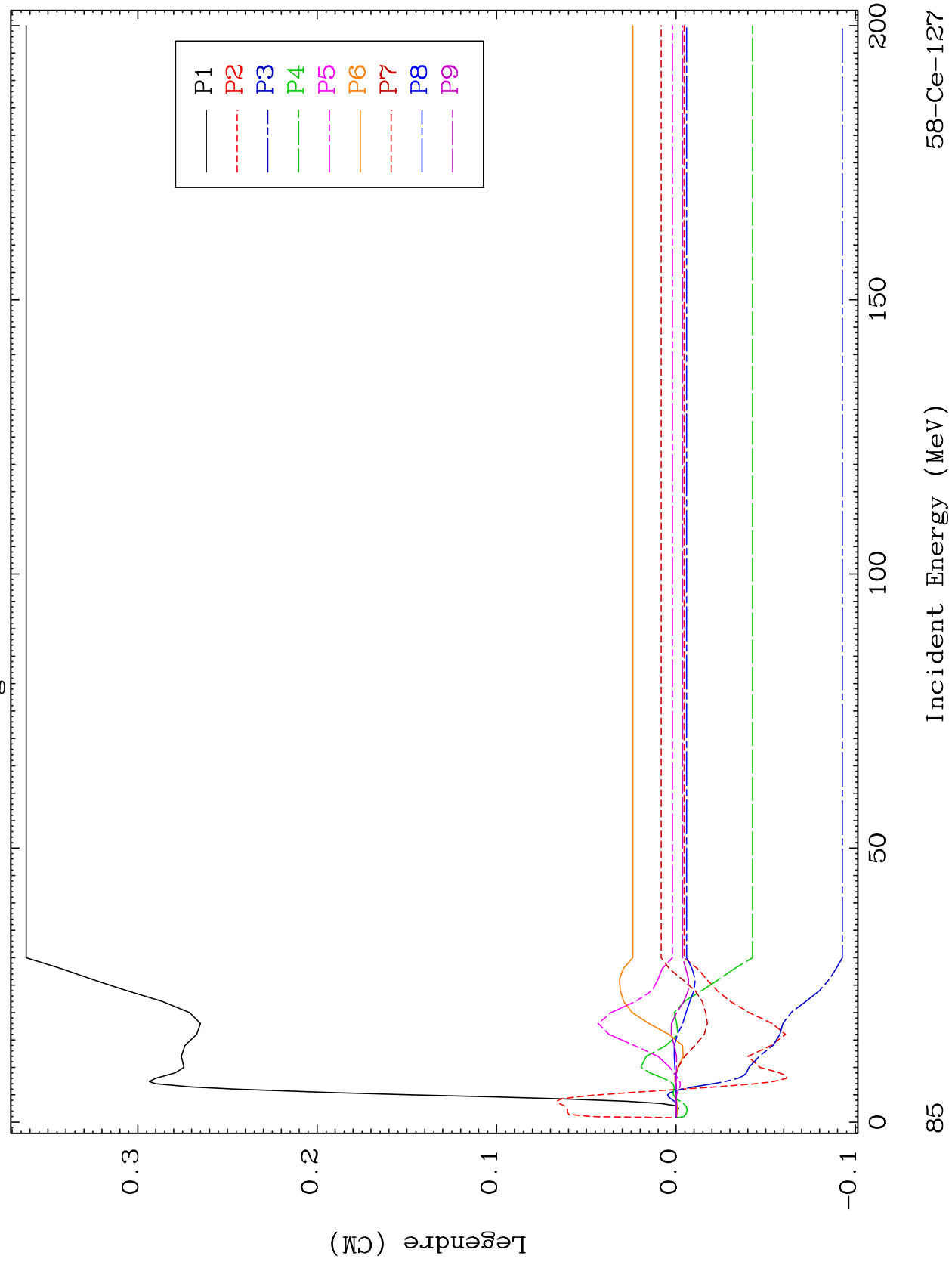




MAT 5798

774.2 keV (n, n') Level Legendre Coefficients

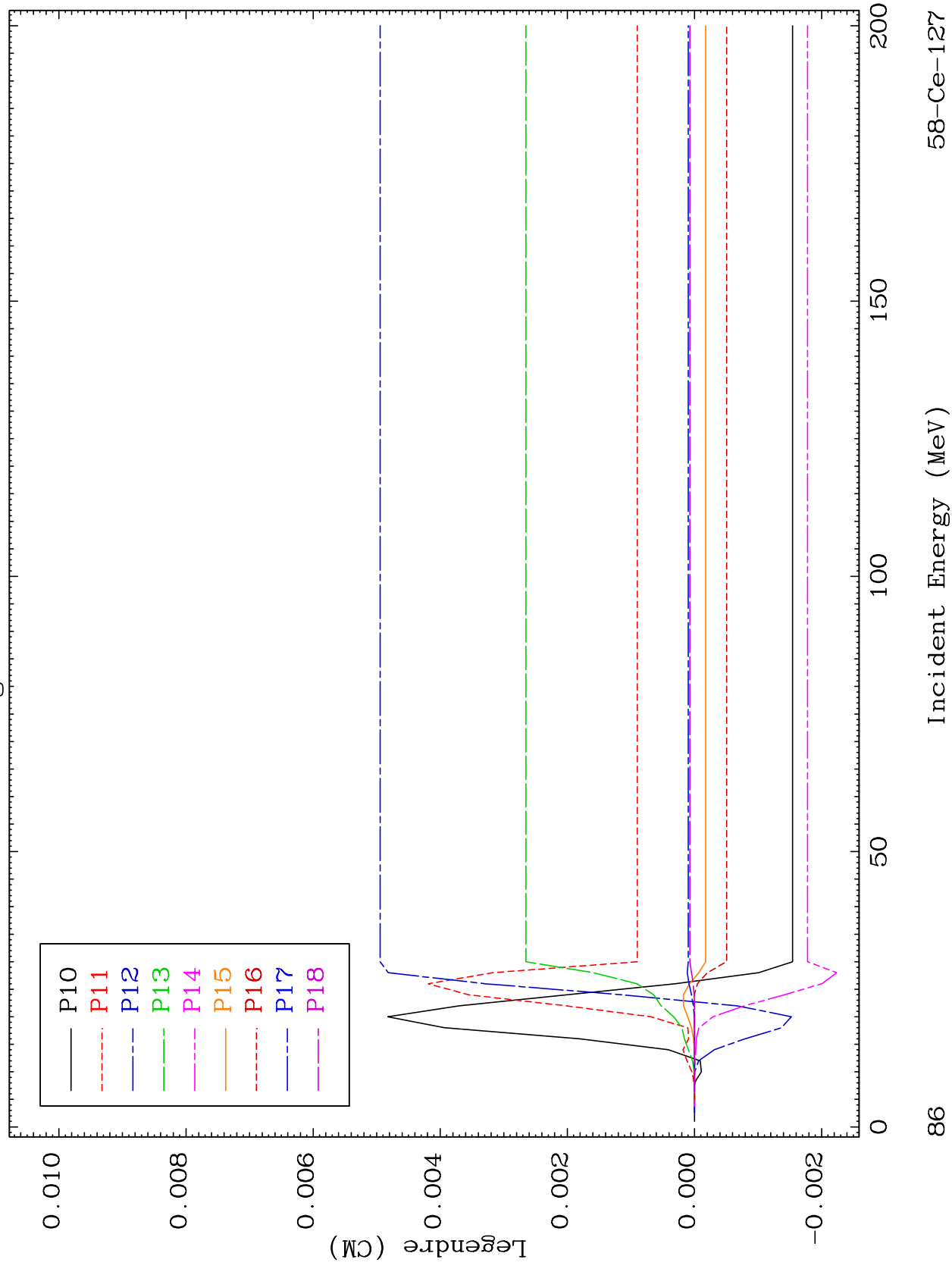
58-Ce-127

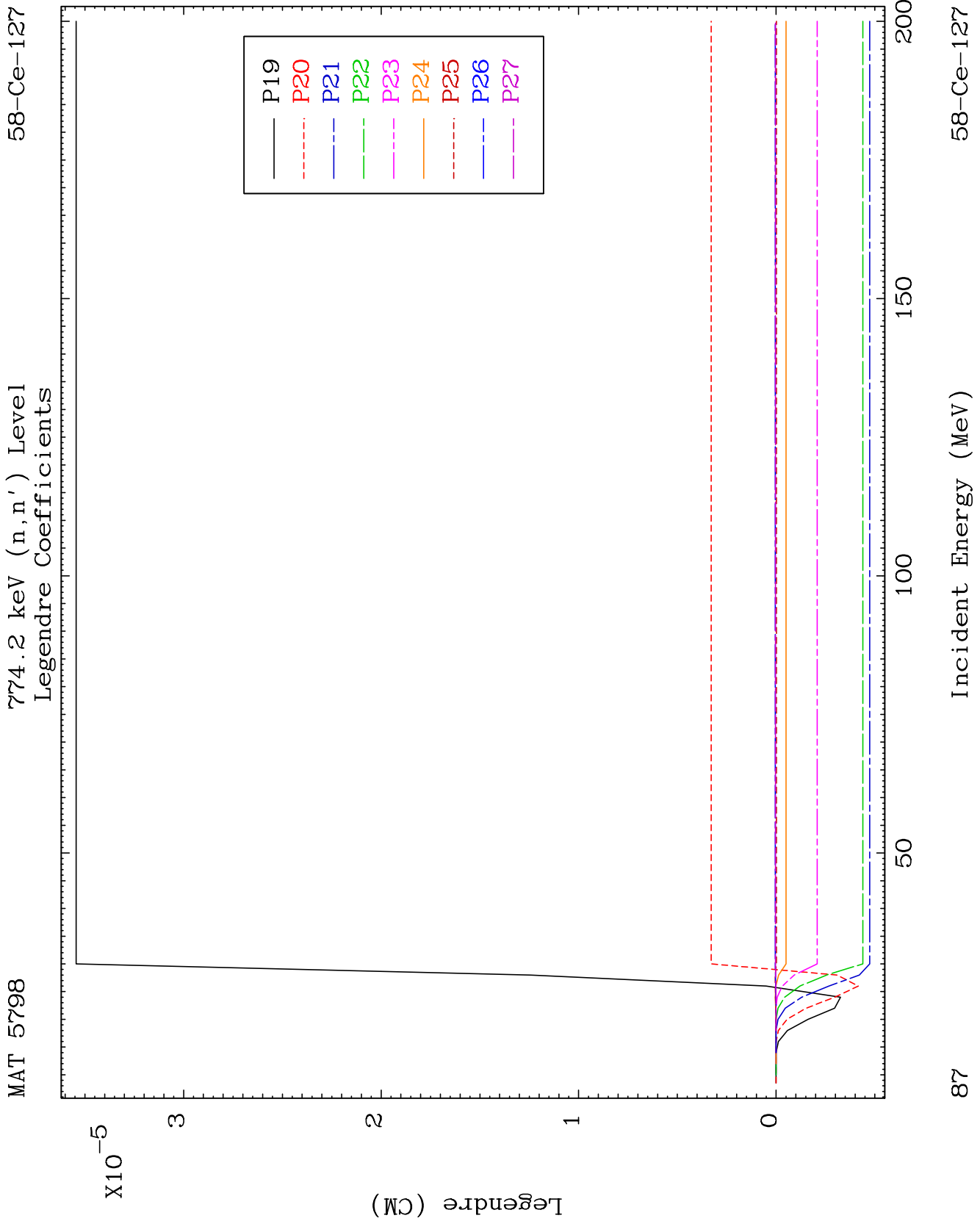


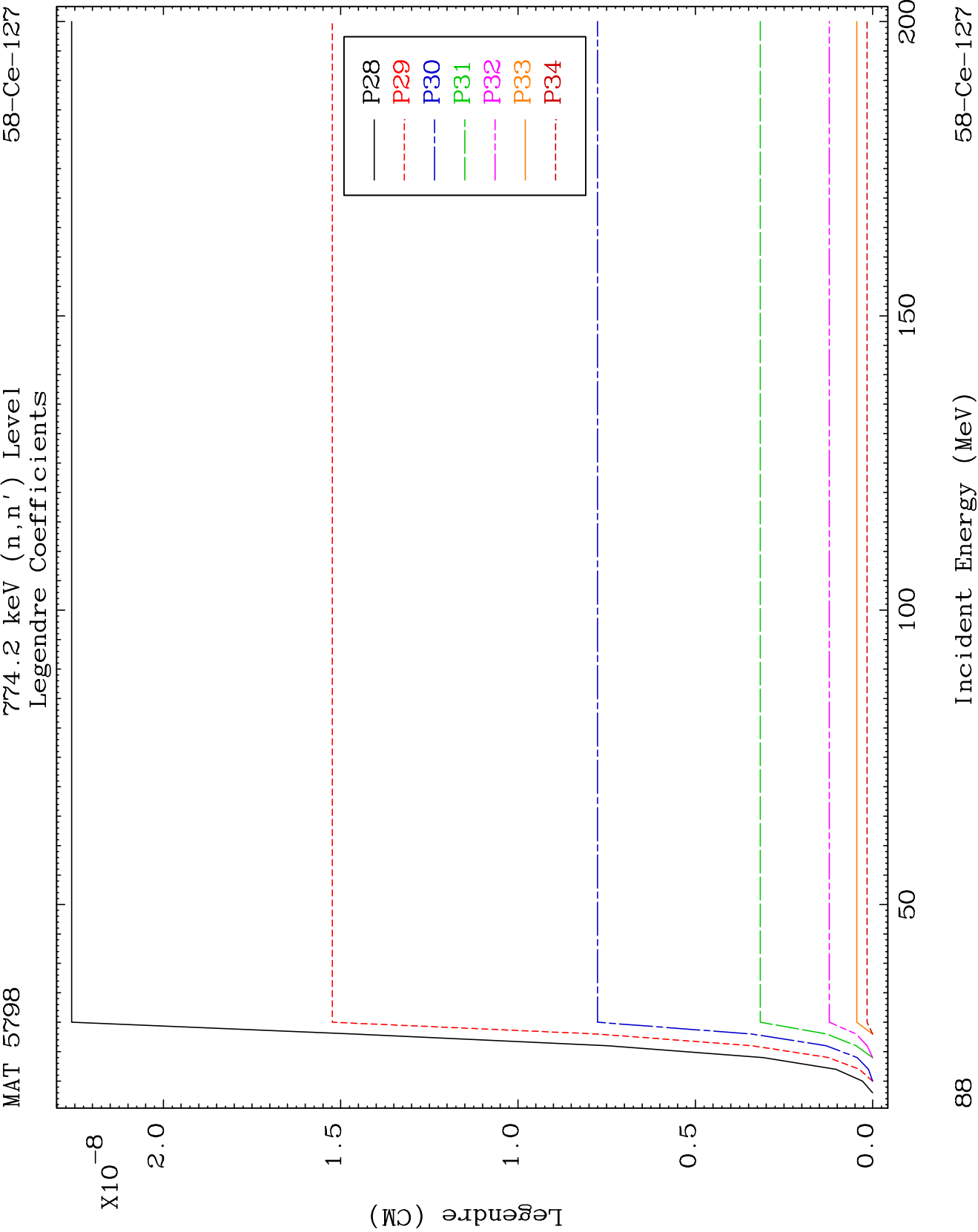
MAT 5798

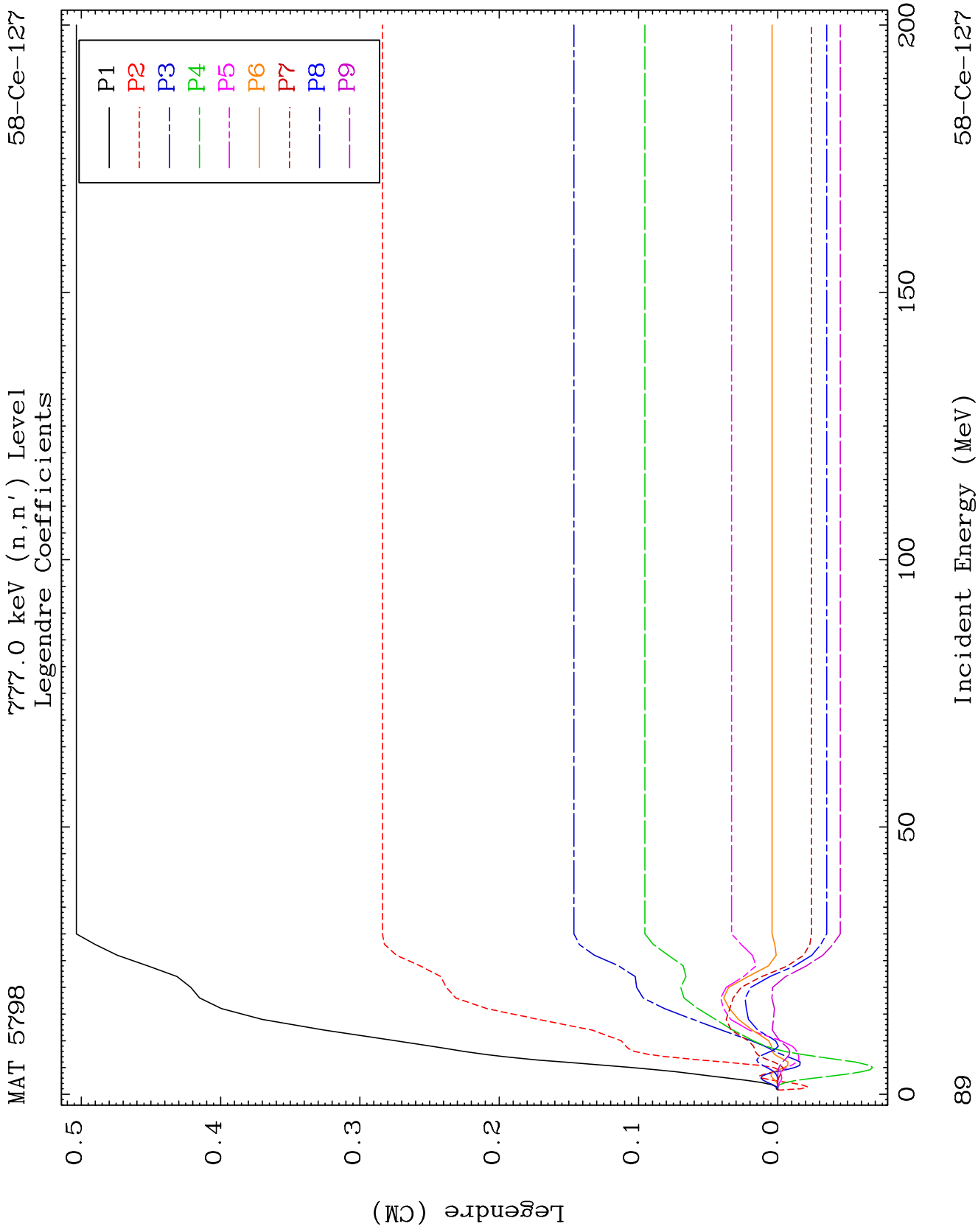
774.2 keV (n, n') Level Legendre Coefficients

58-Ce-127





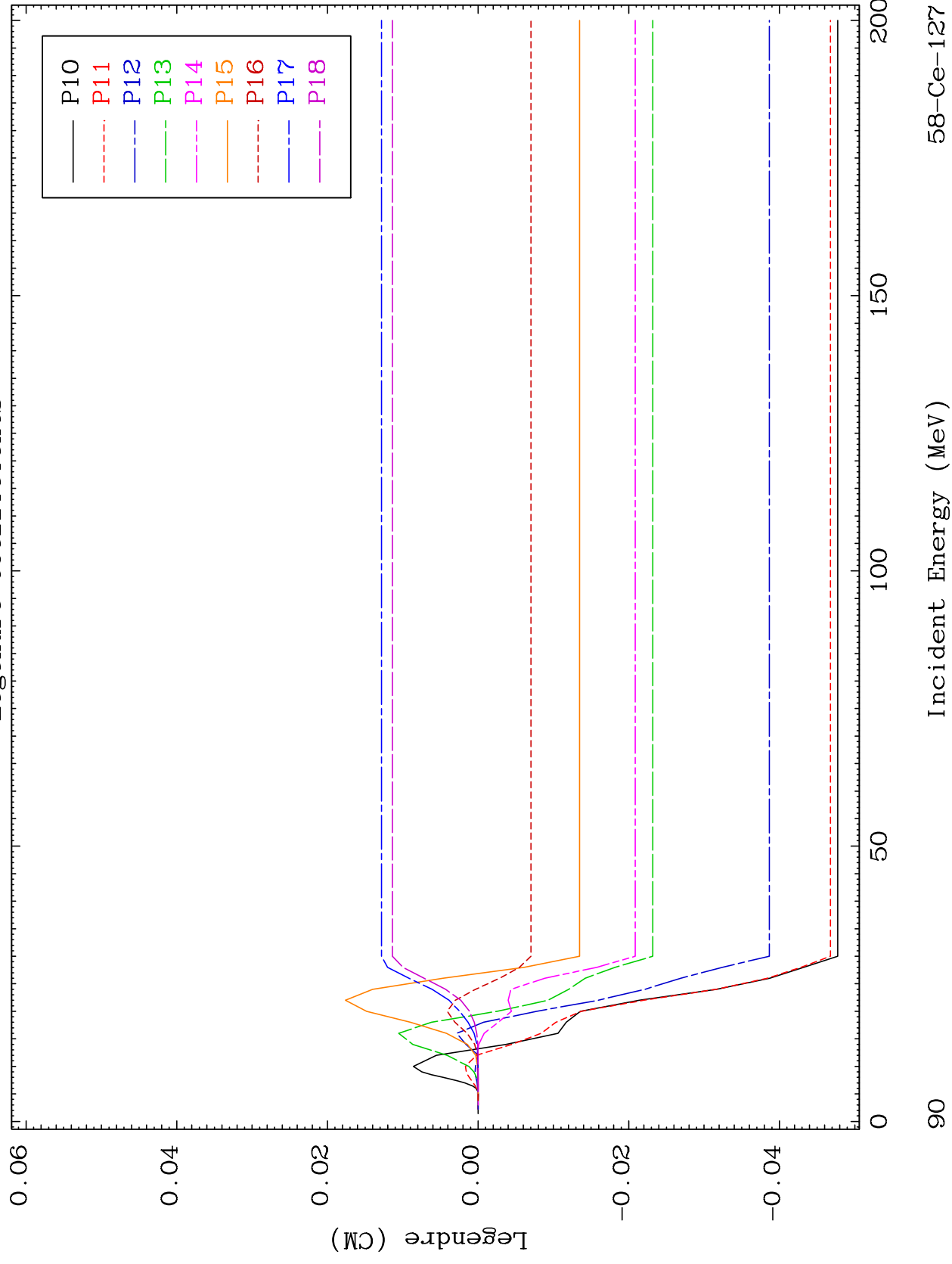




MAT 5798

777.0 keV (n, n') Level
Legendre Coefficients

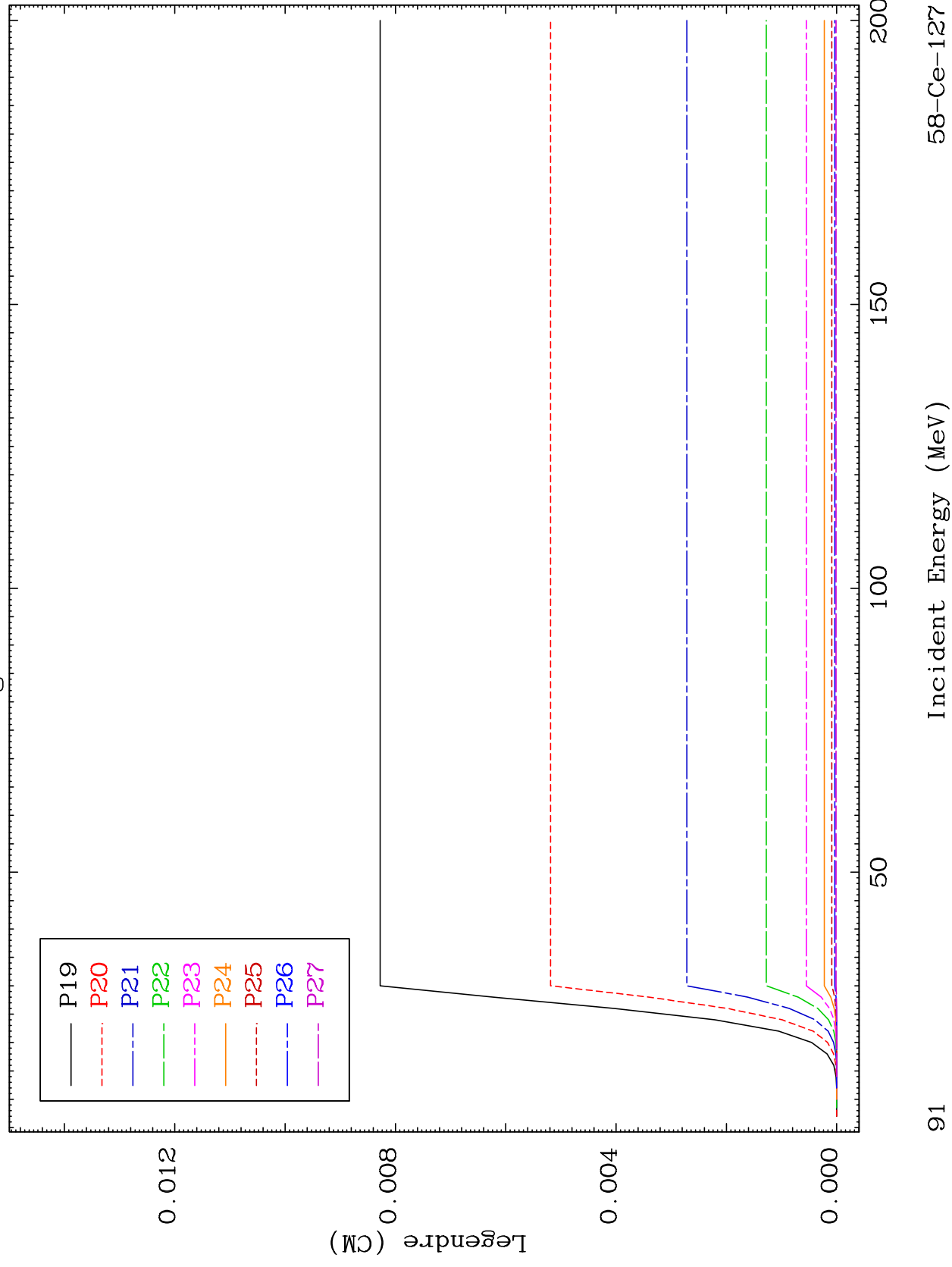
58-Ce-127



MAT 5798

777.0 keV (n, n') Level
Legendre Coefficients

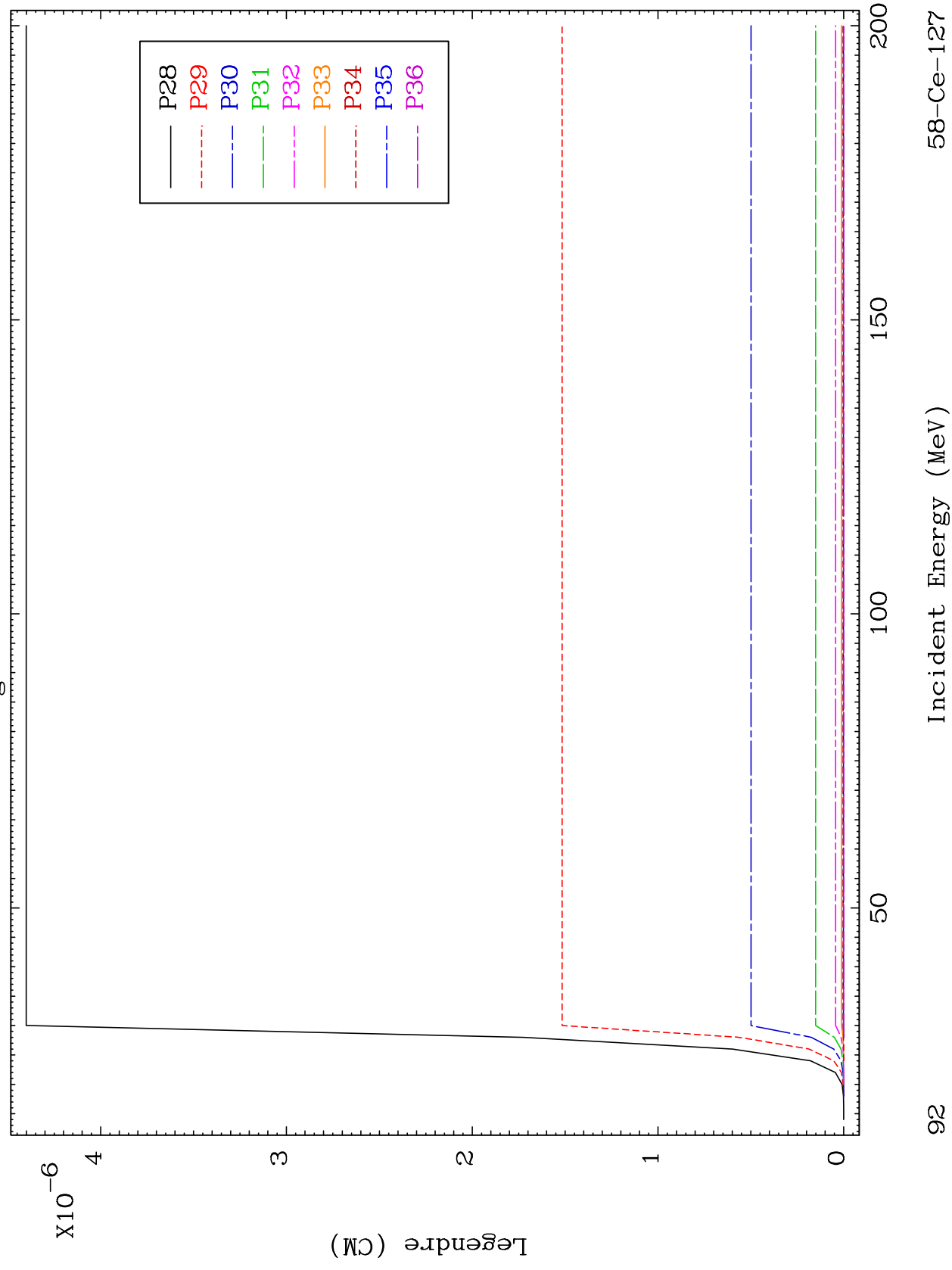
58-Ce-127

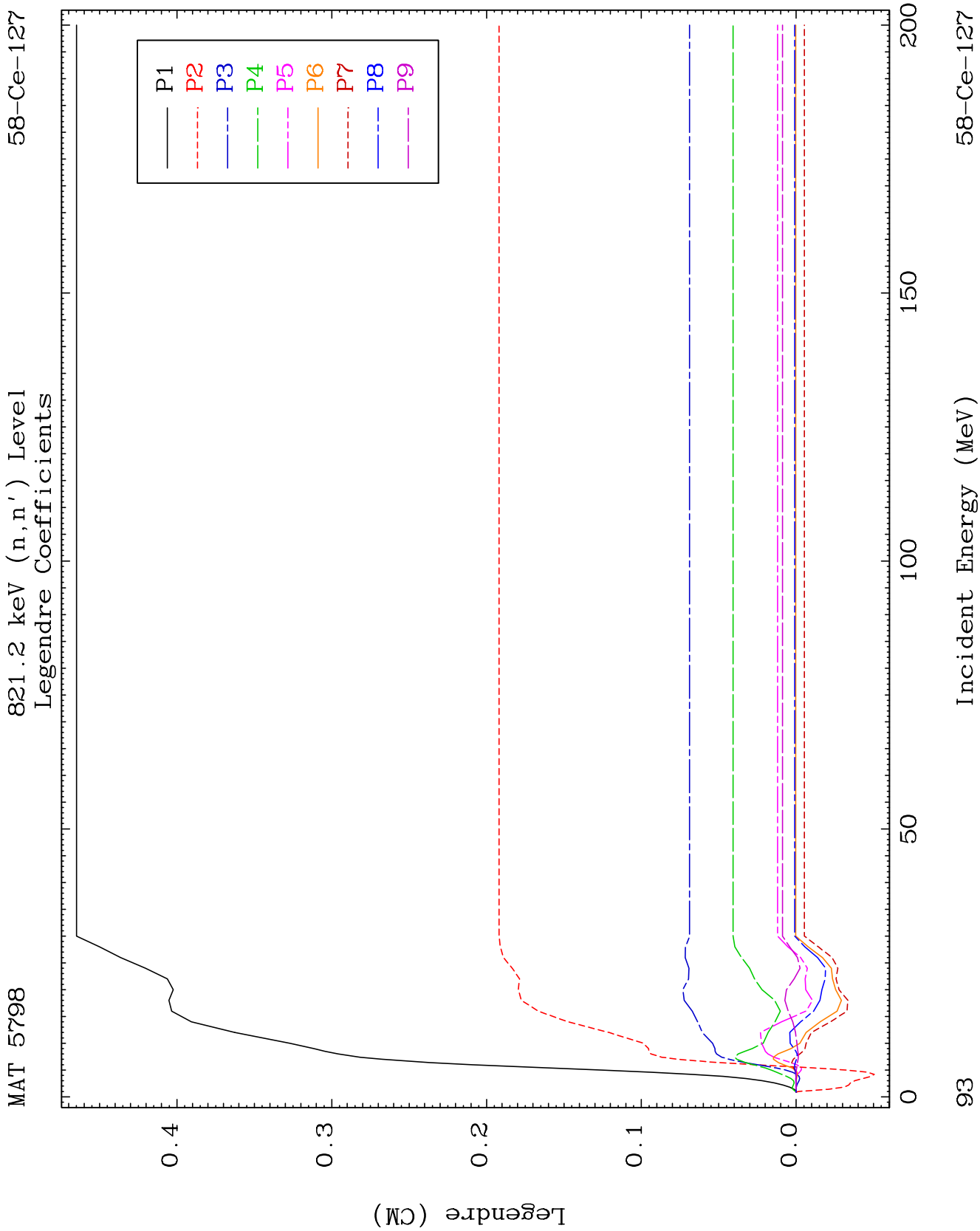


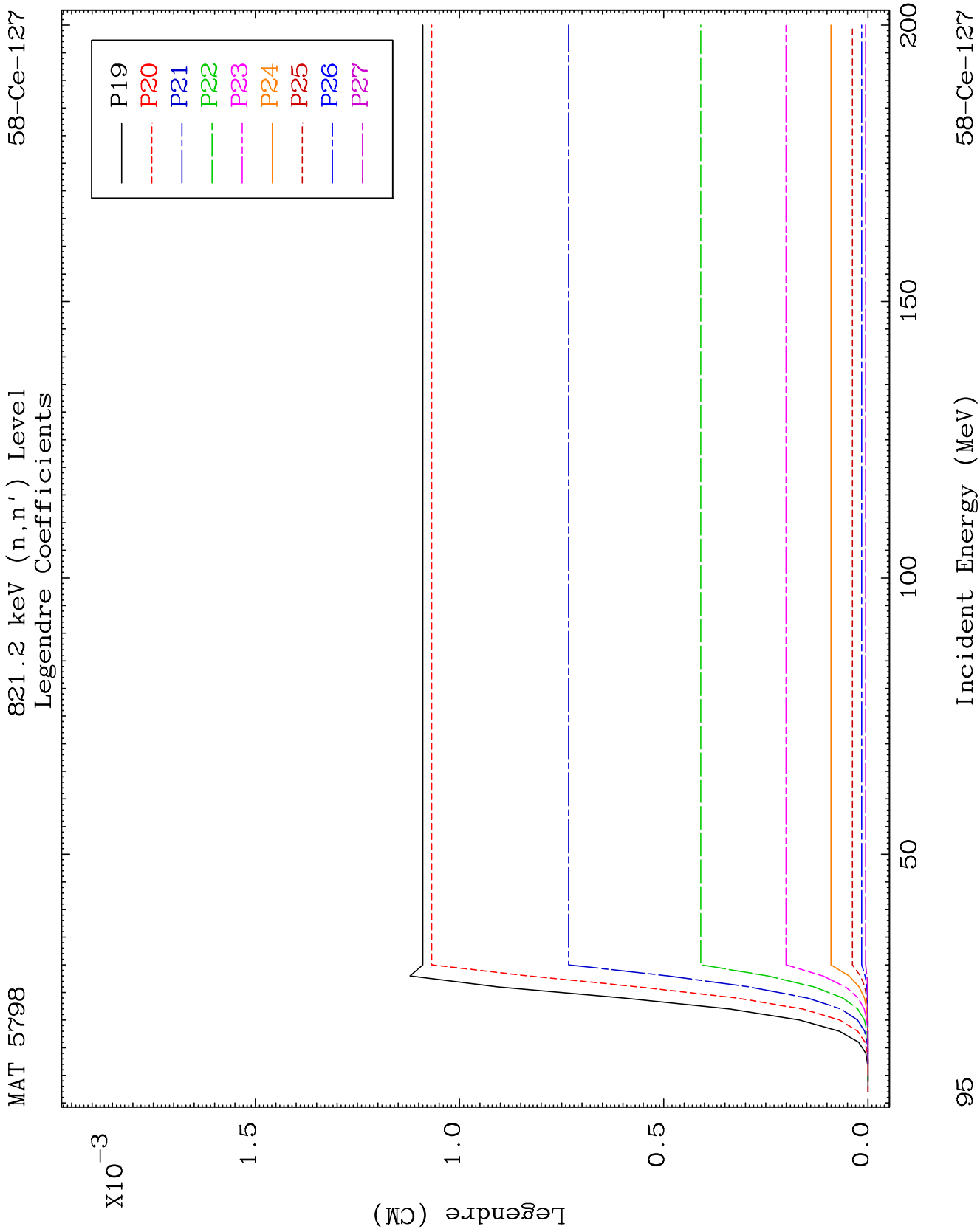
MAT 5798

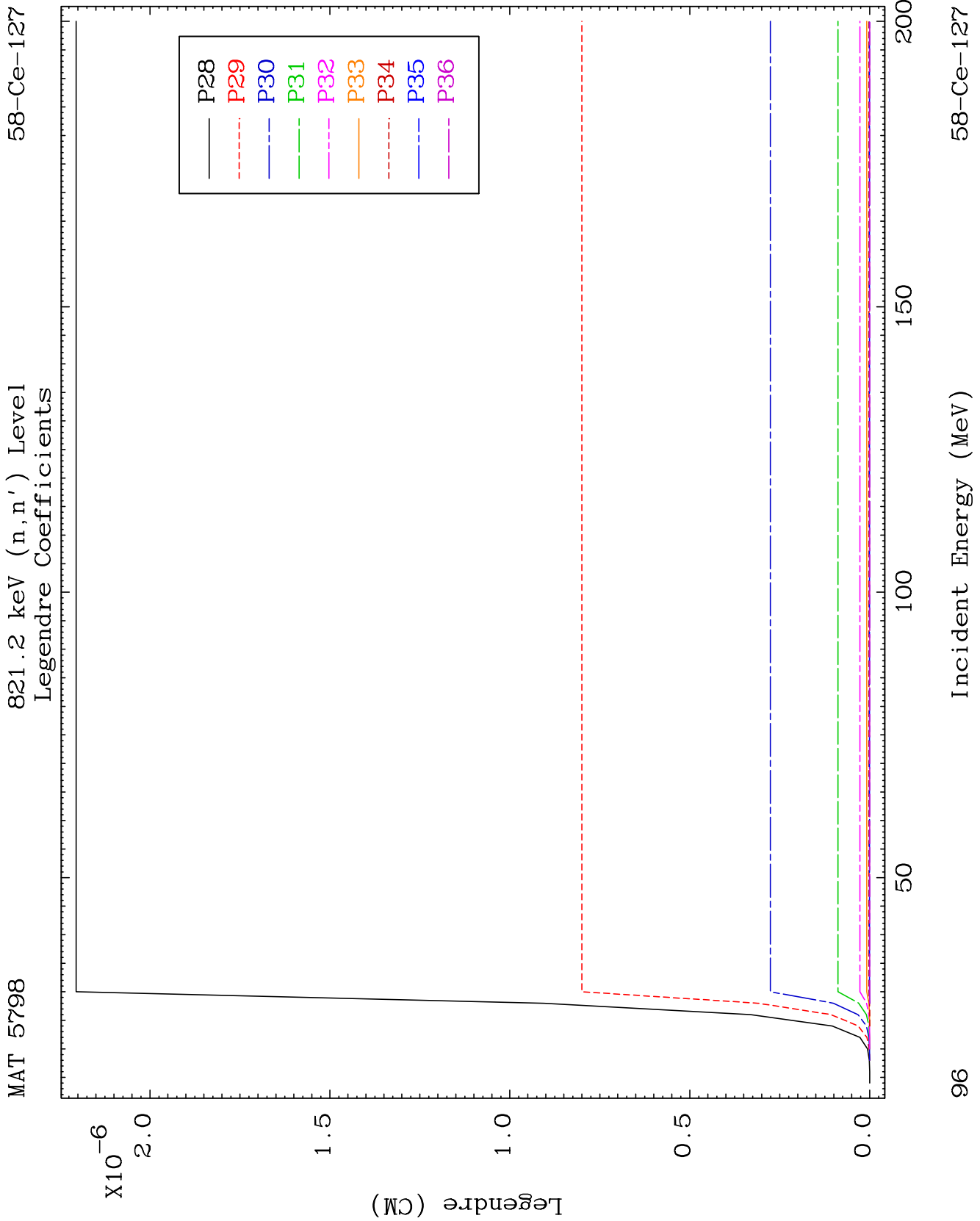
777.0 keV (n, n') Level
Legendre Coefficients

58-Ce-127





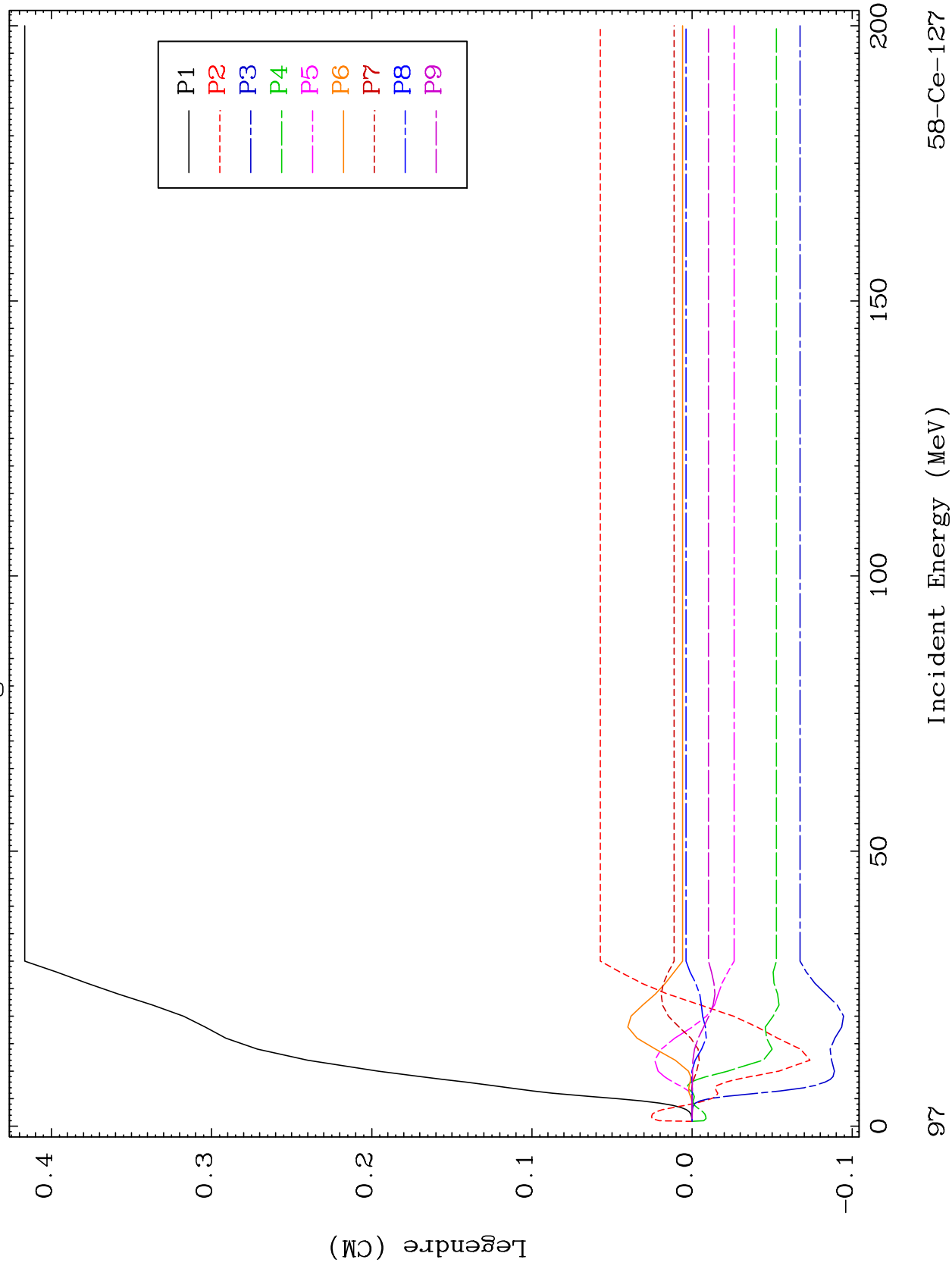




MAT 5798

866.4 keV (n, n') Level
Legendre Coefficients

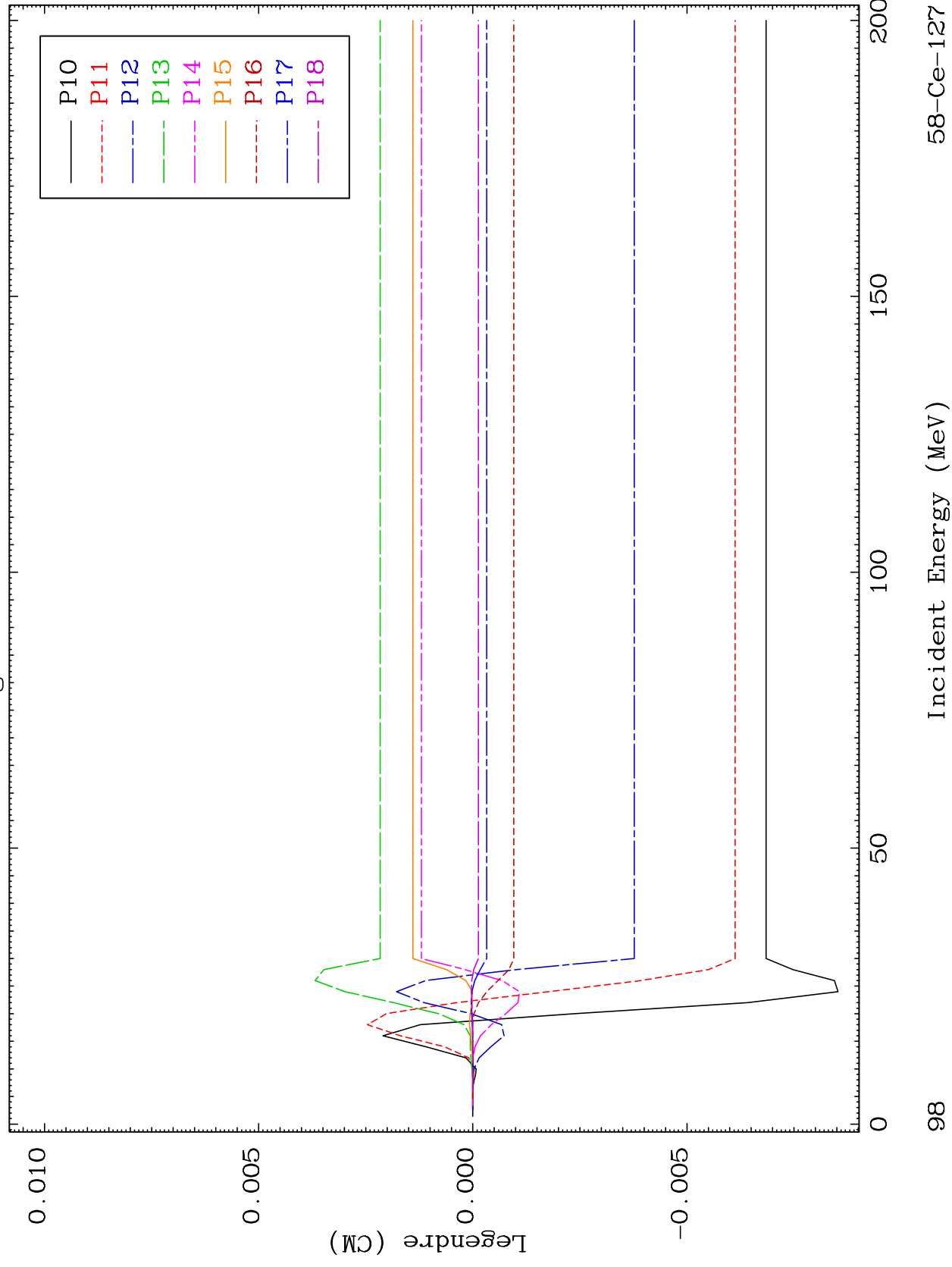
58-Ce-127

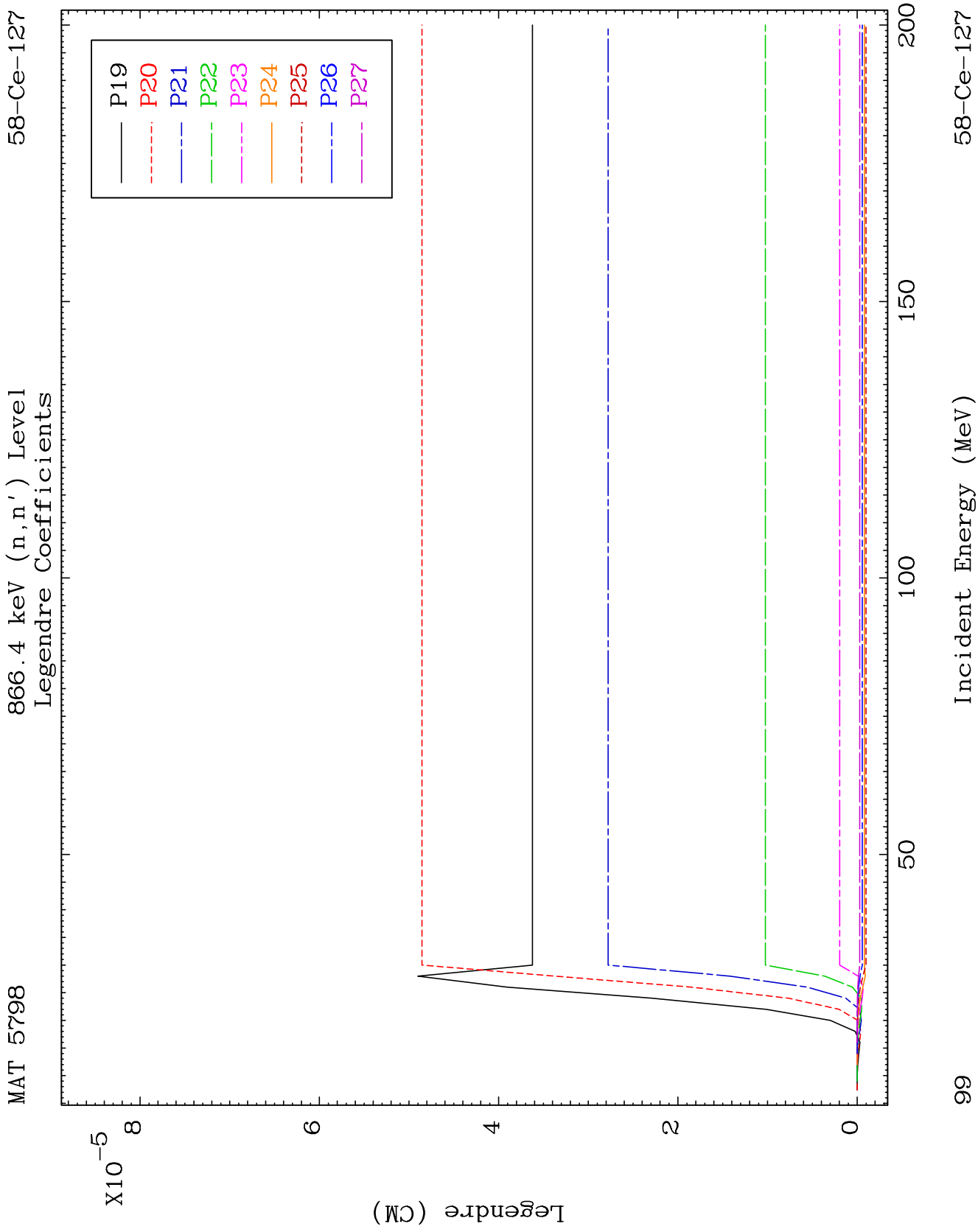


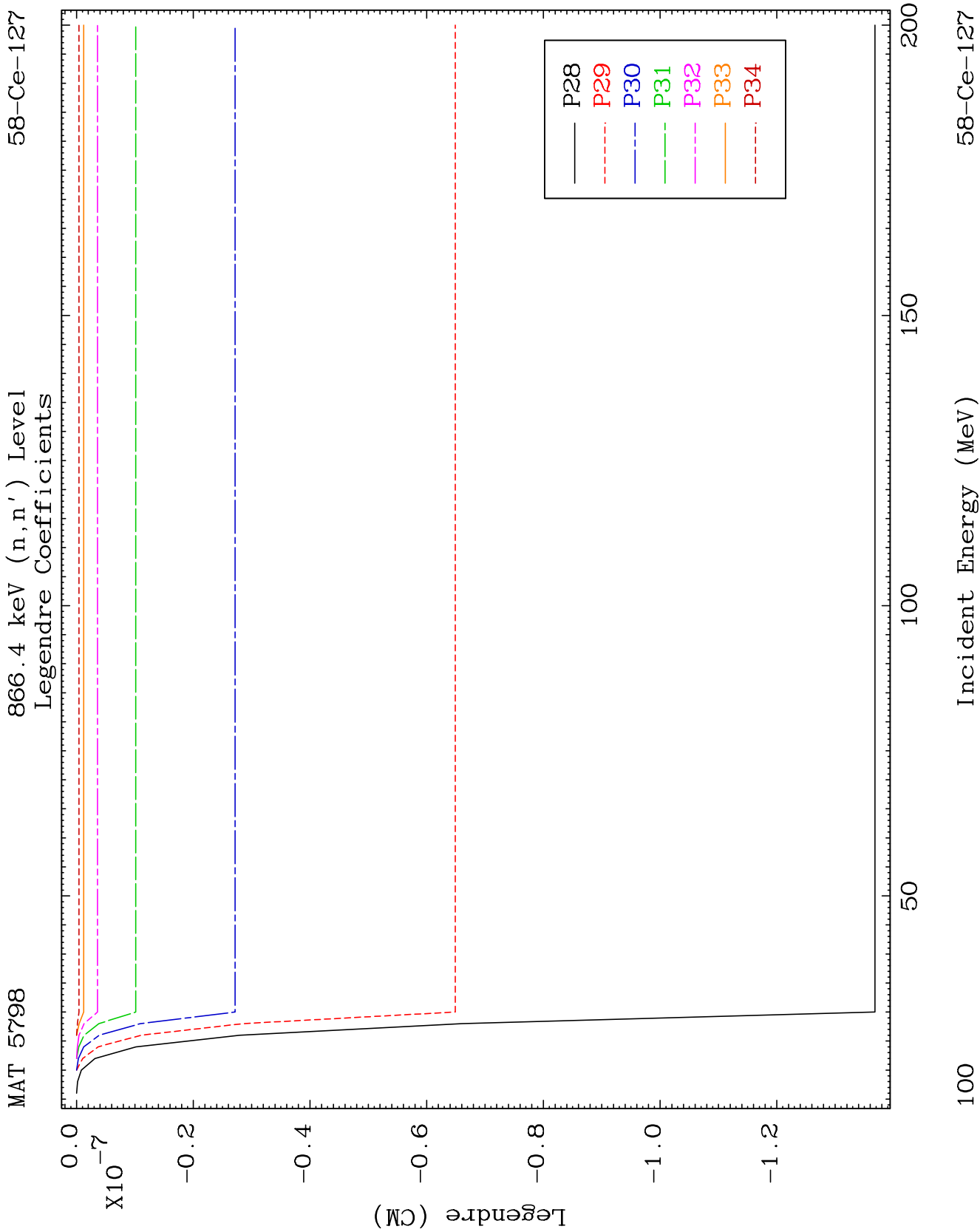
MAT 5798

866.4 keV (n, n') Level Legendre Coefficients

58-Ce-127



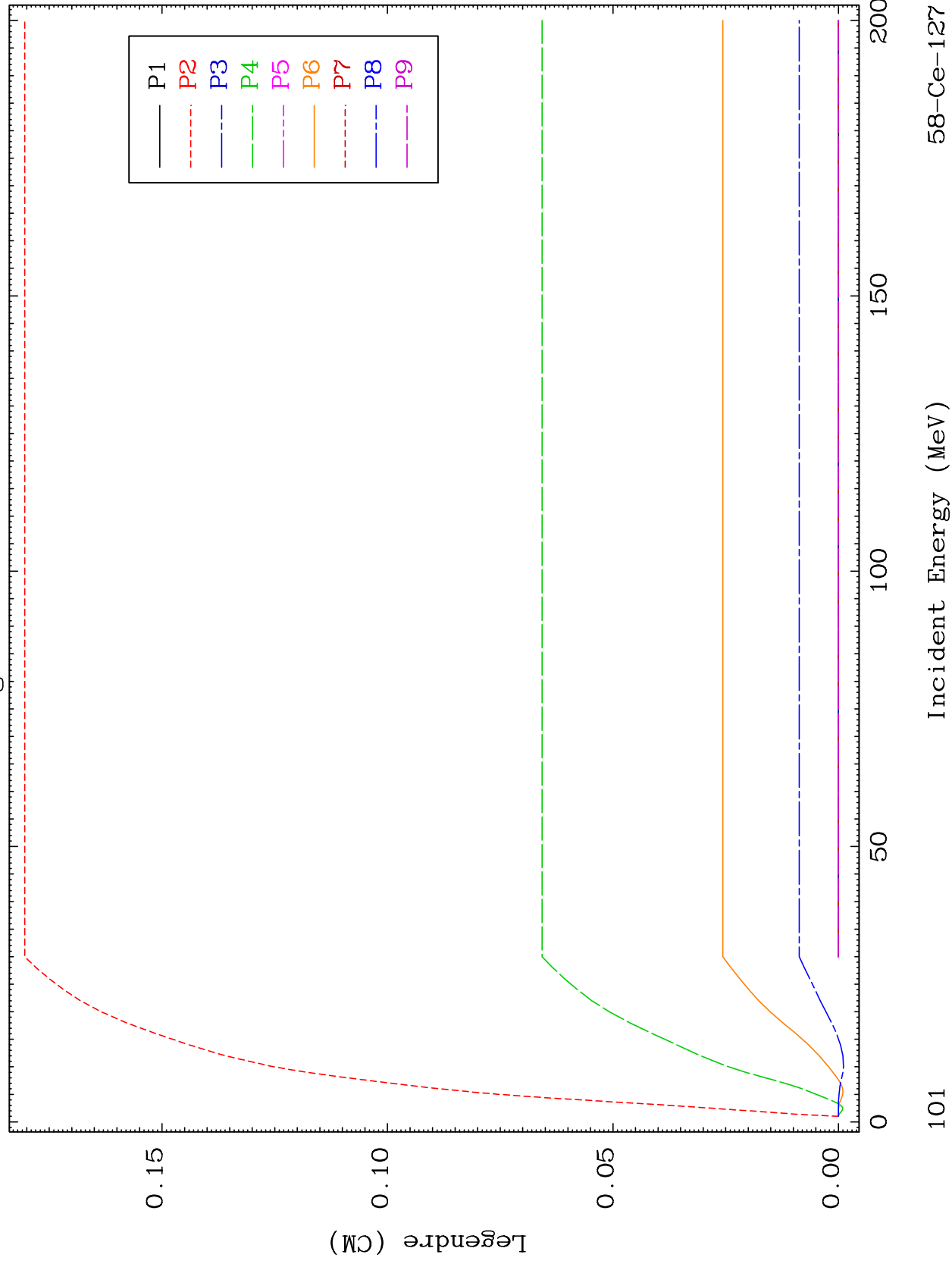


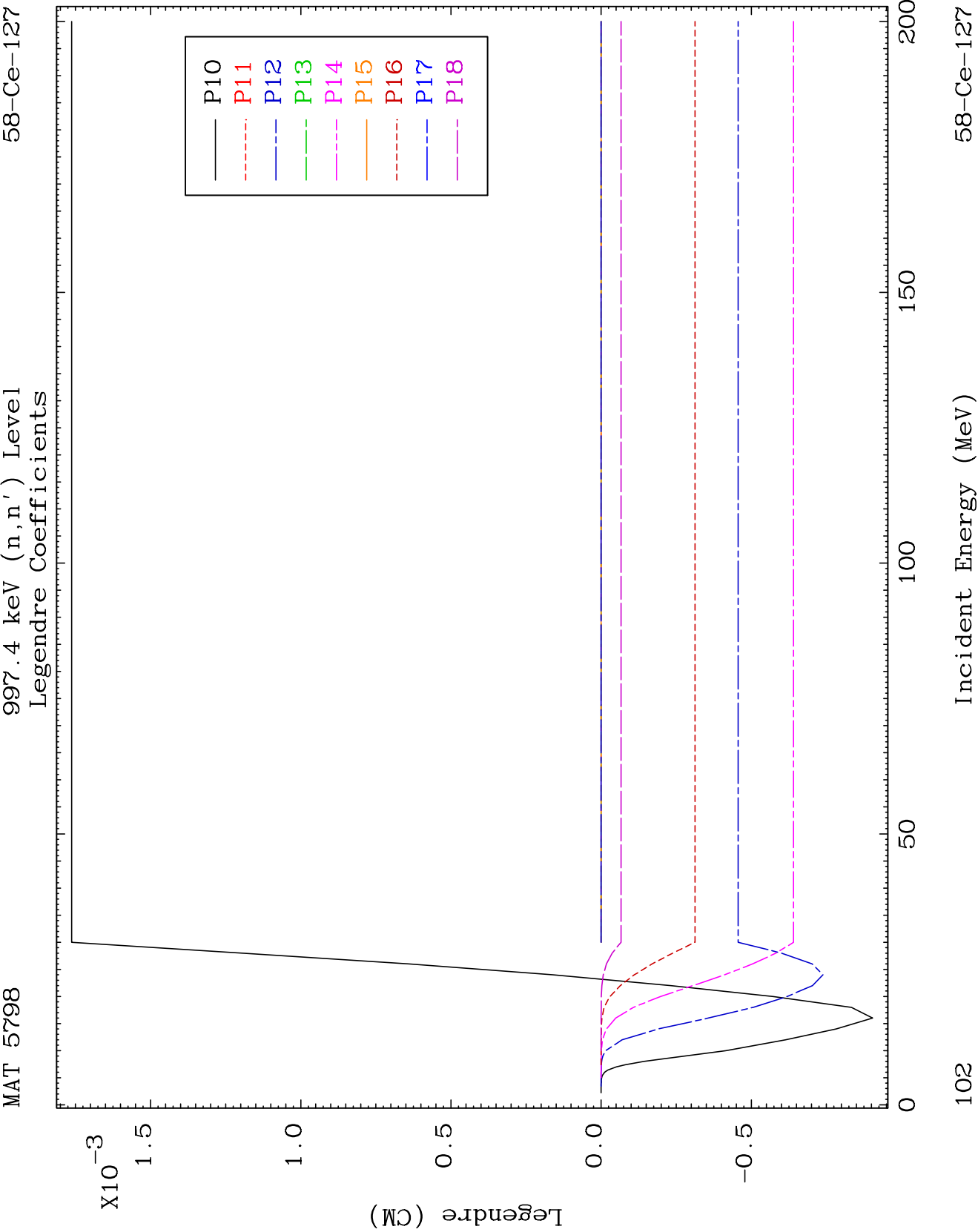


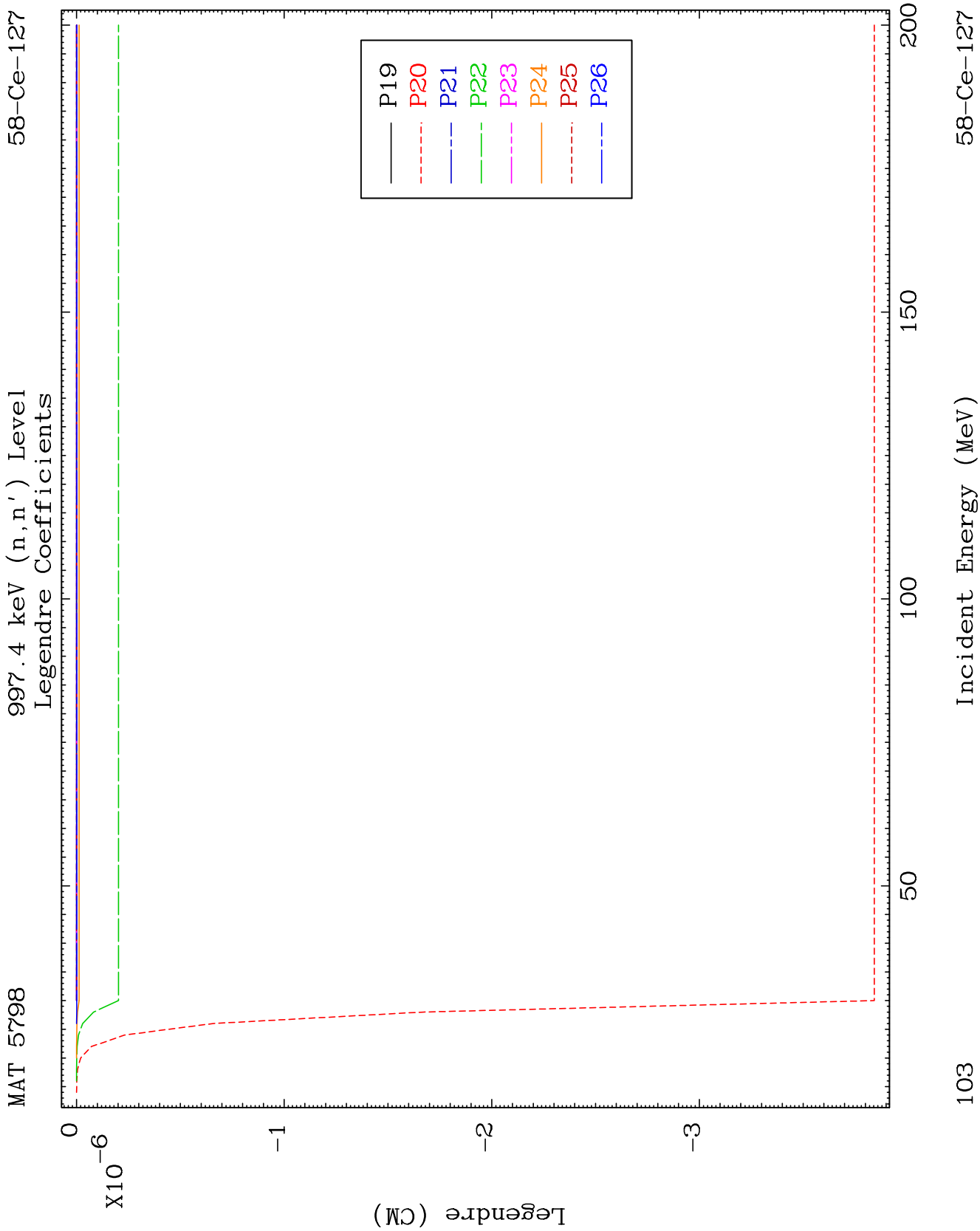
MAT 5798

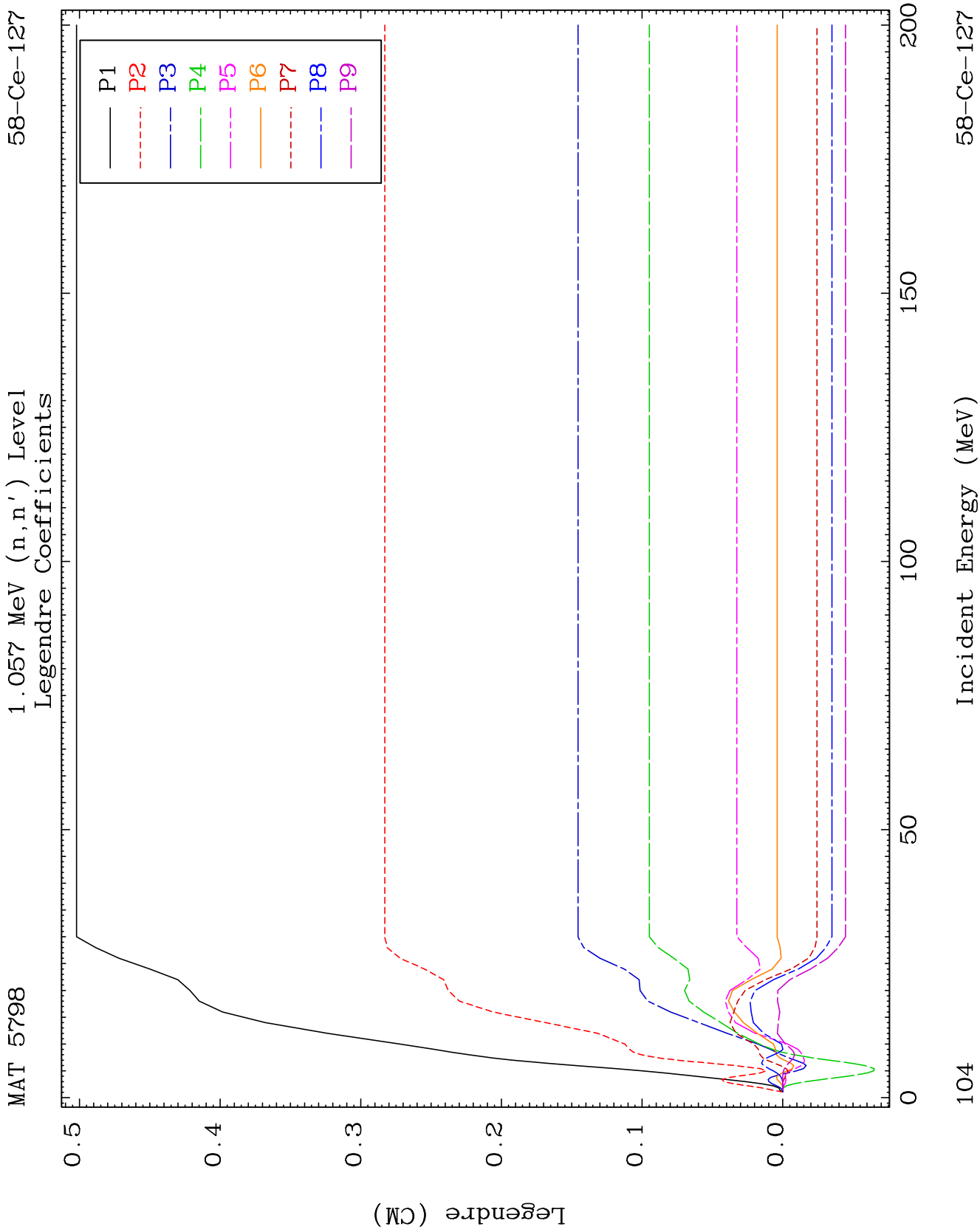
997.4 keV (n, n') Level
Legendre Coefficients

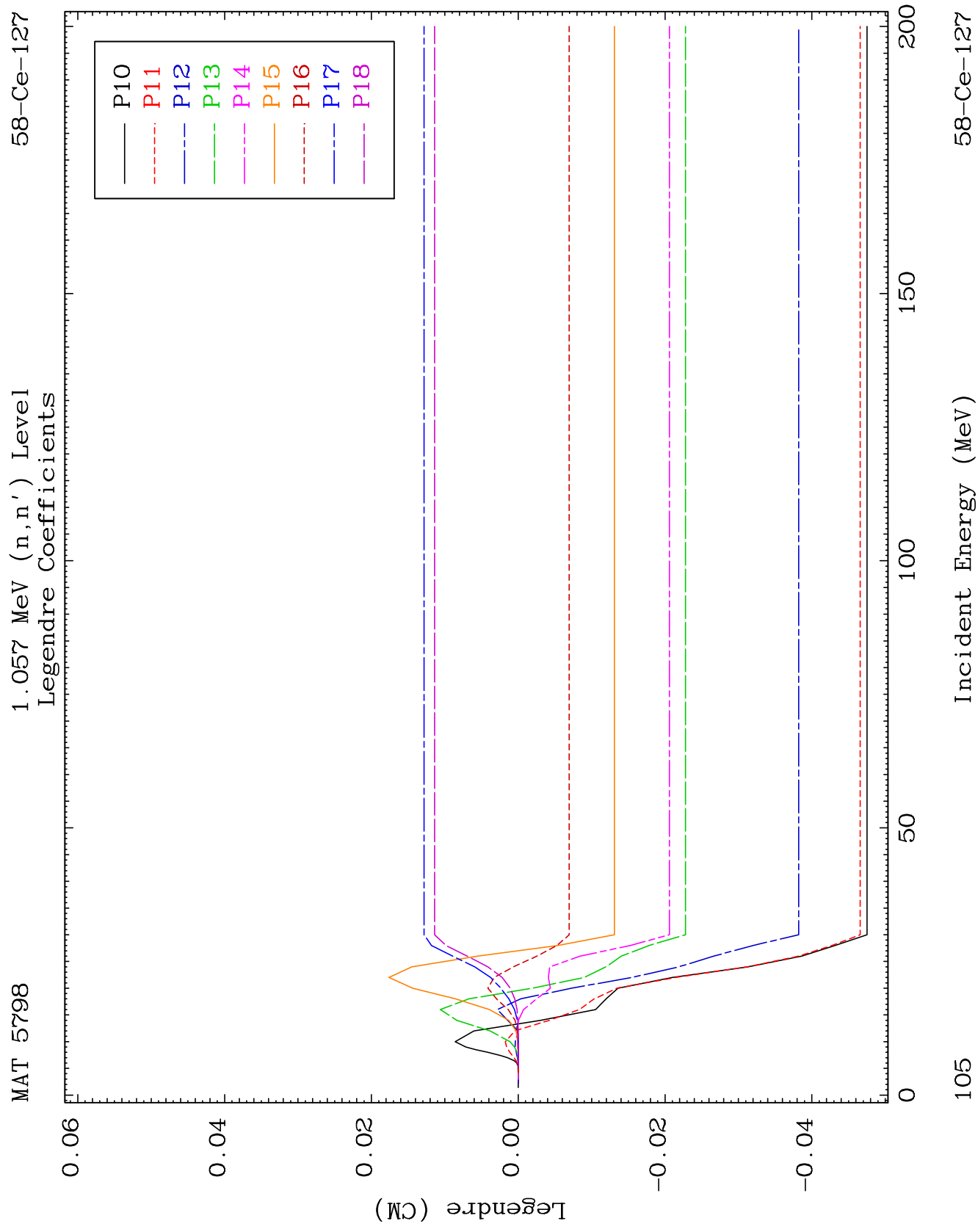
58-Ce-127

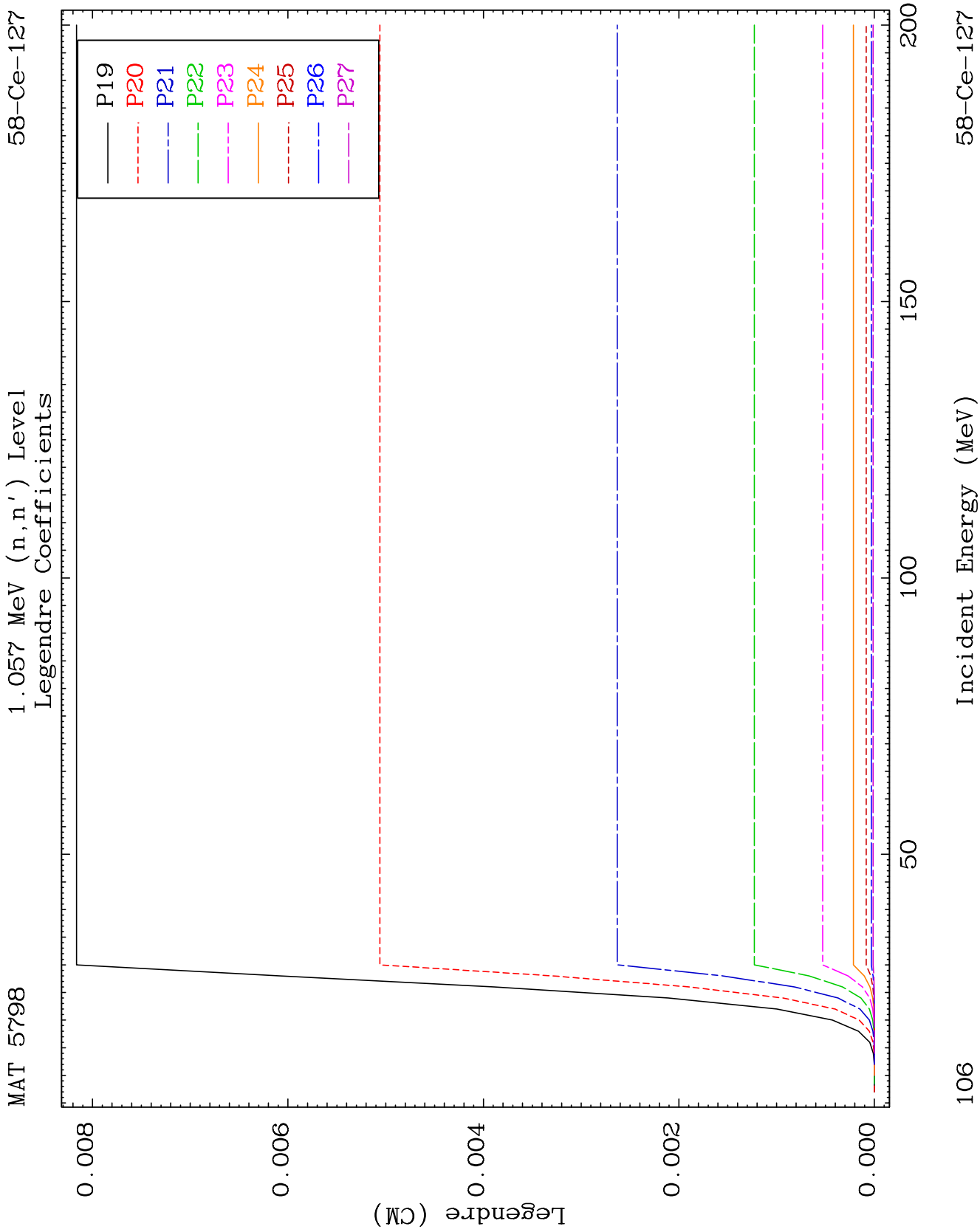








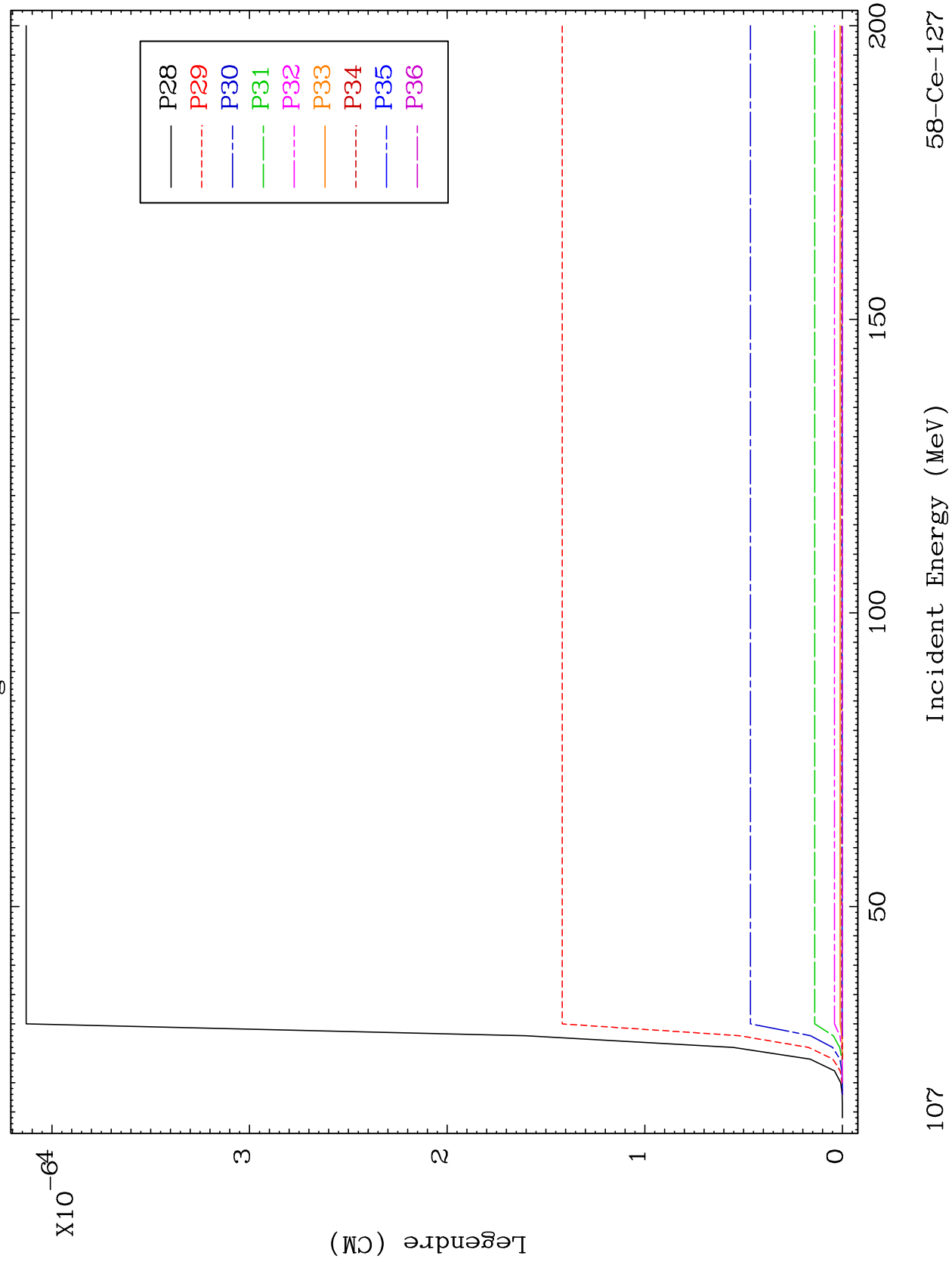




MAT 5798

1.057 MeV (n, n') Level
Legendre Coefficients

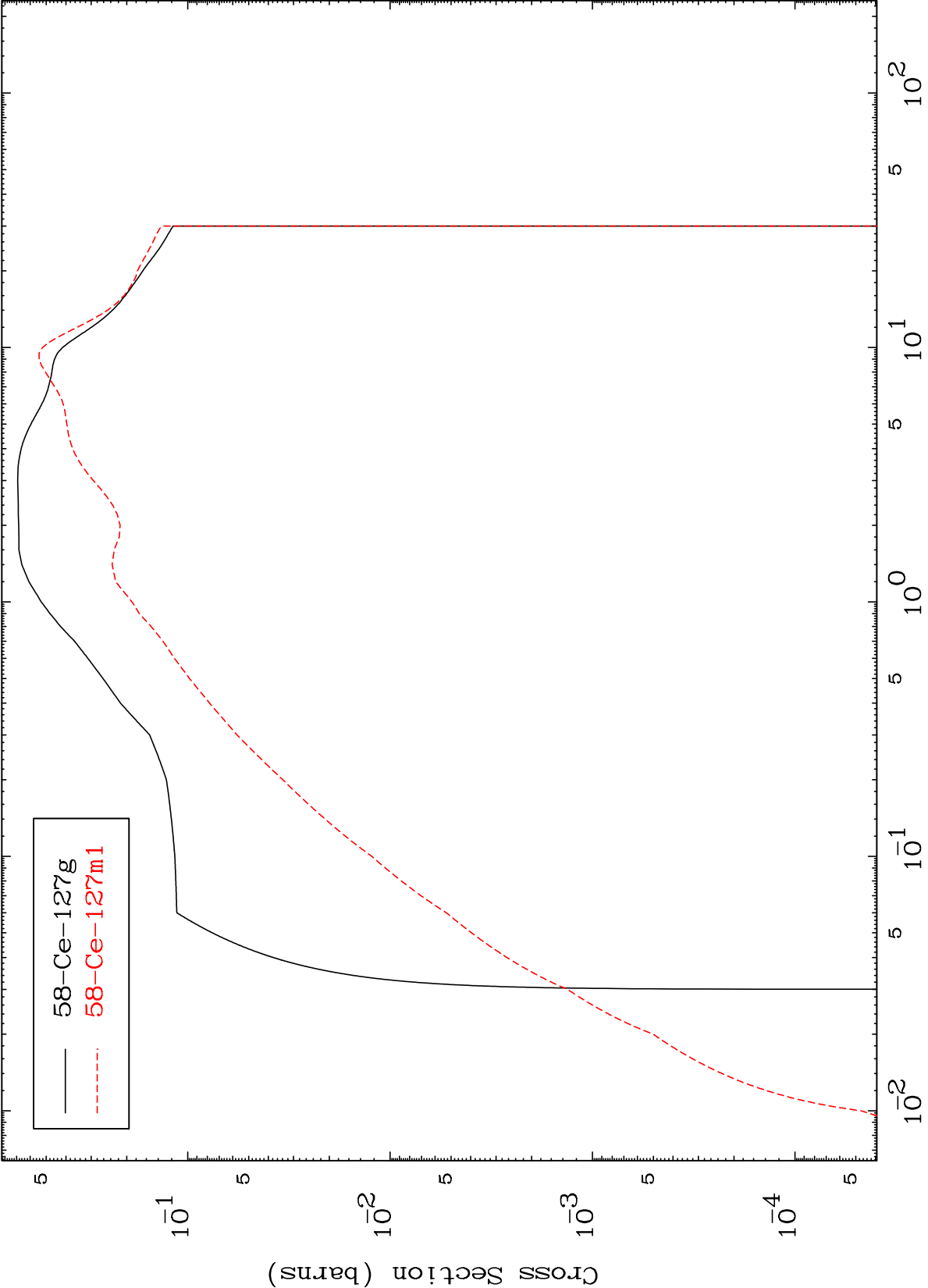
58-Ce-127

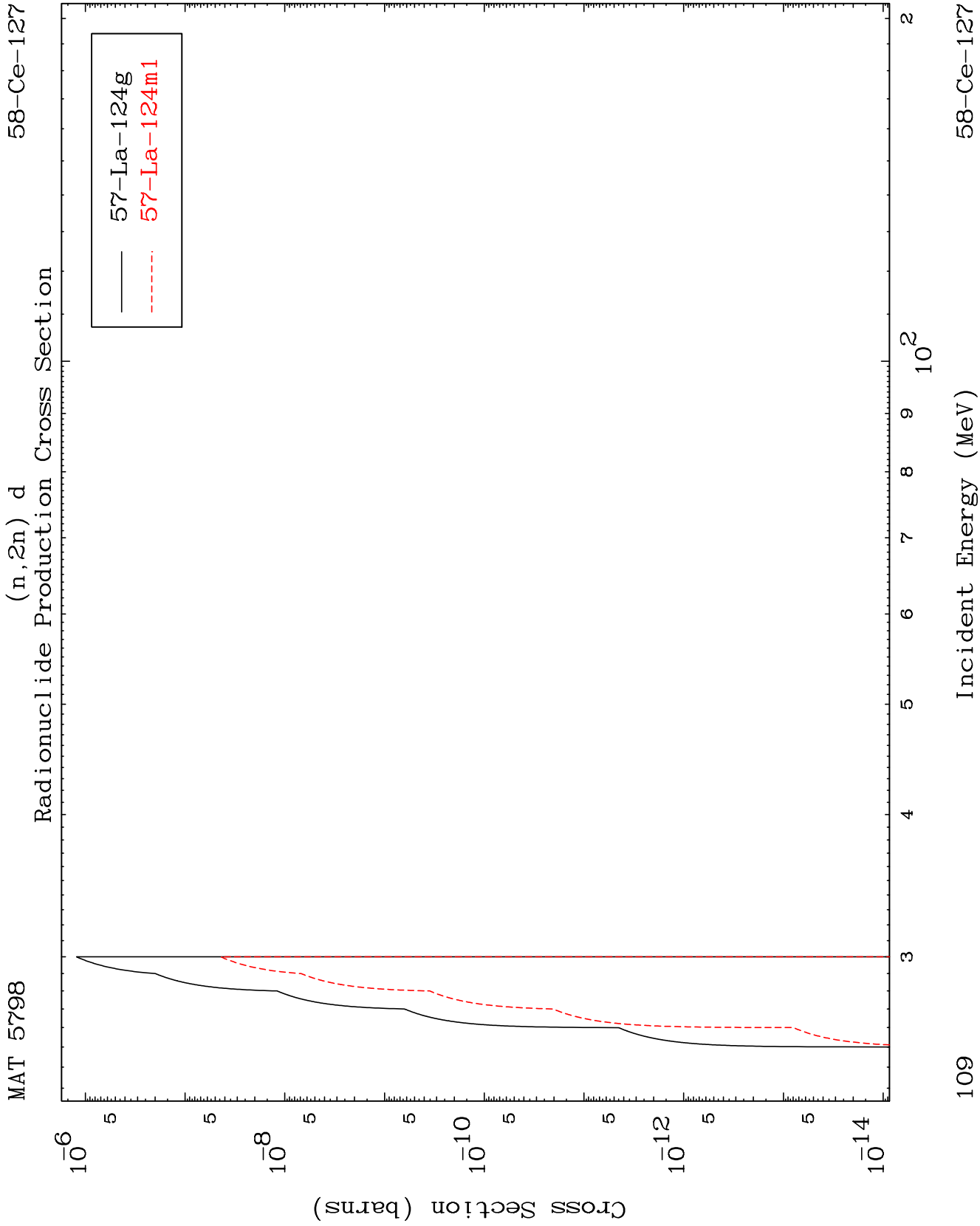


Radionuclide Production Cross Section

Inelastic

Incident Energy (MeV)



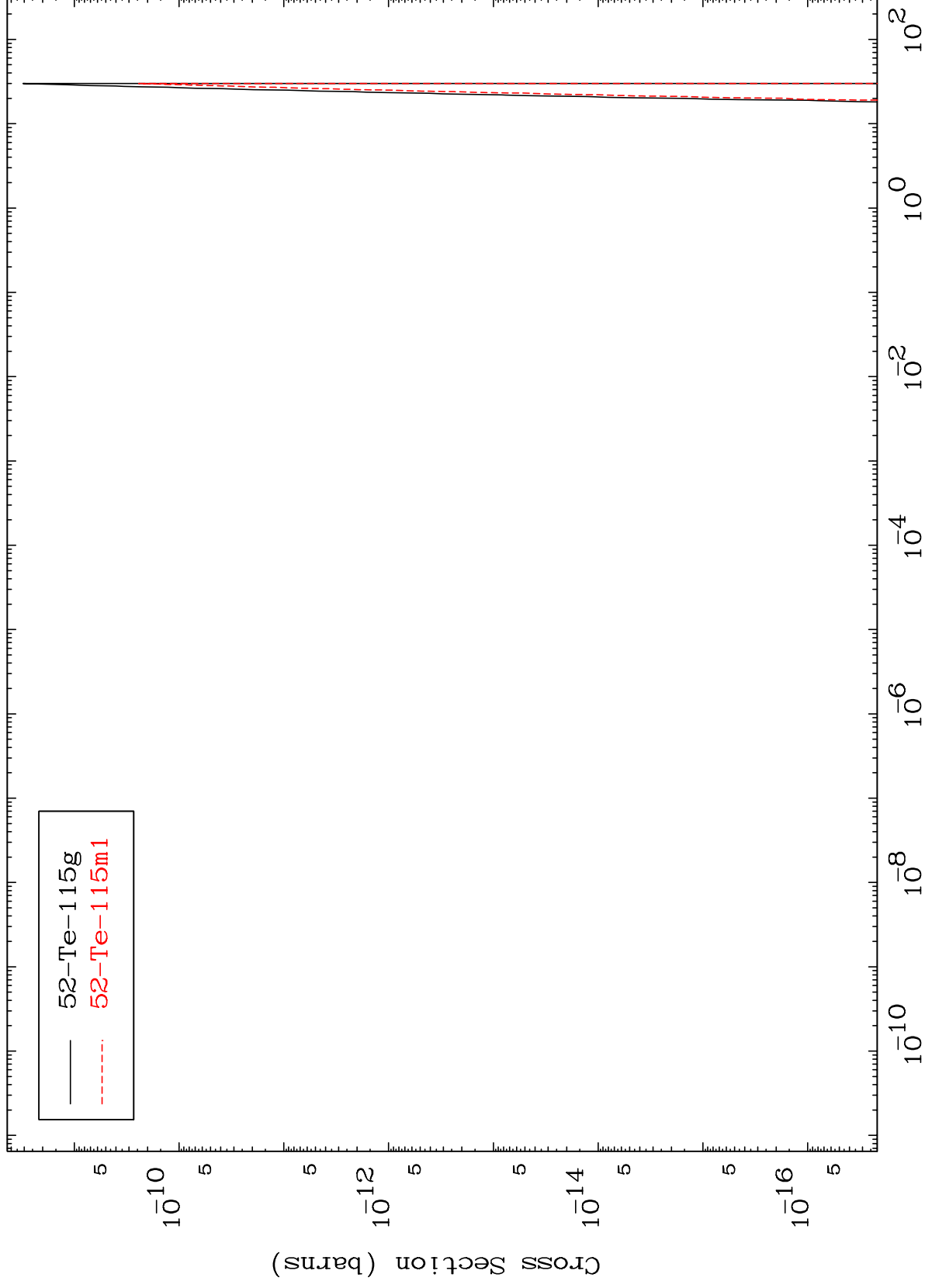


MAT 5798

(n,n') 3 α

58-Ce-127

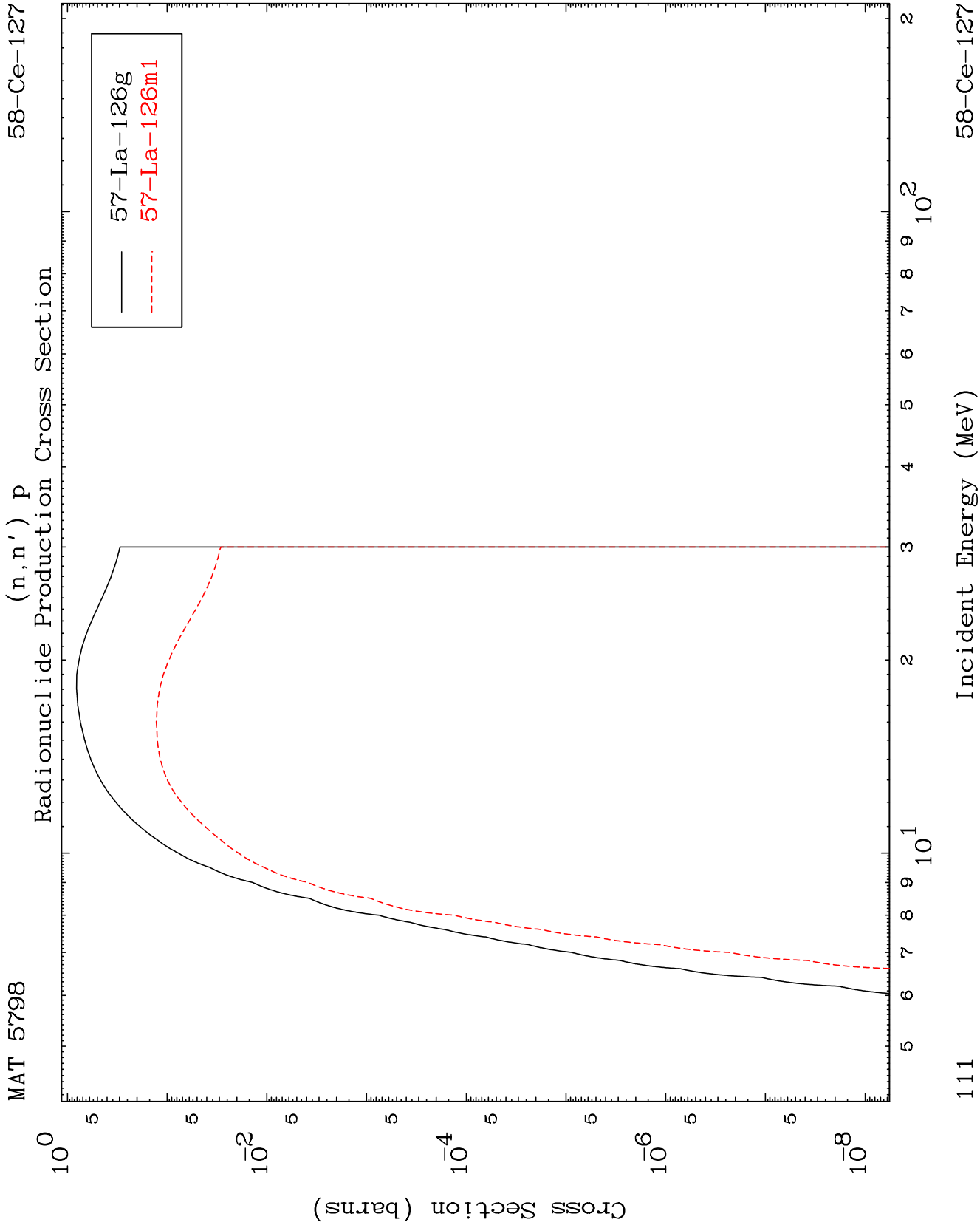
Radionuclide Production Cross Section



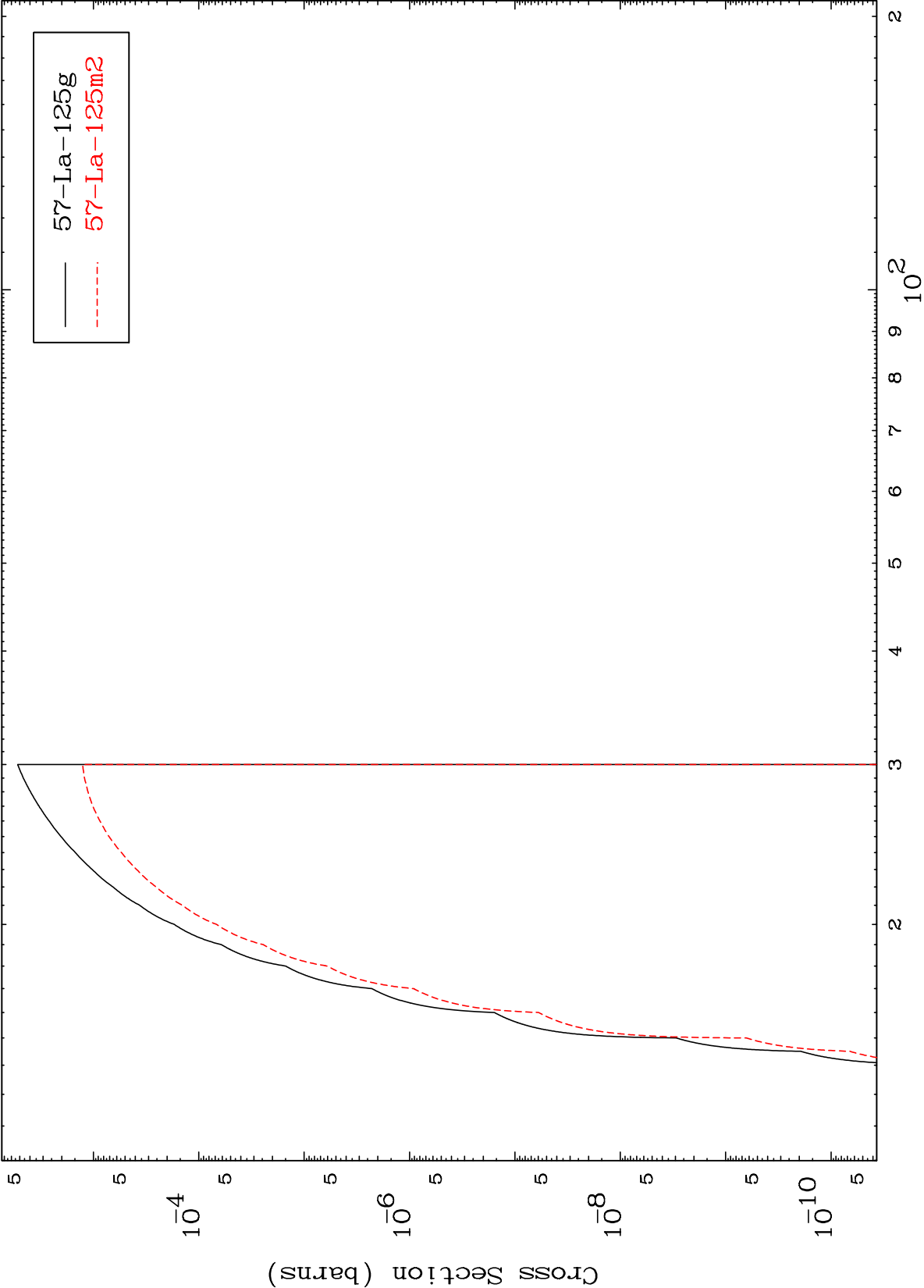
110

Incident Energy (MeV)

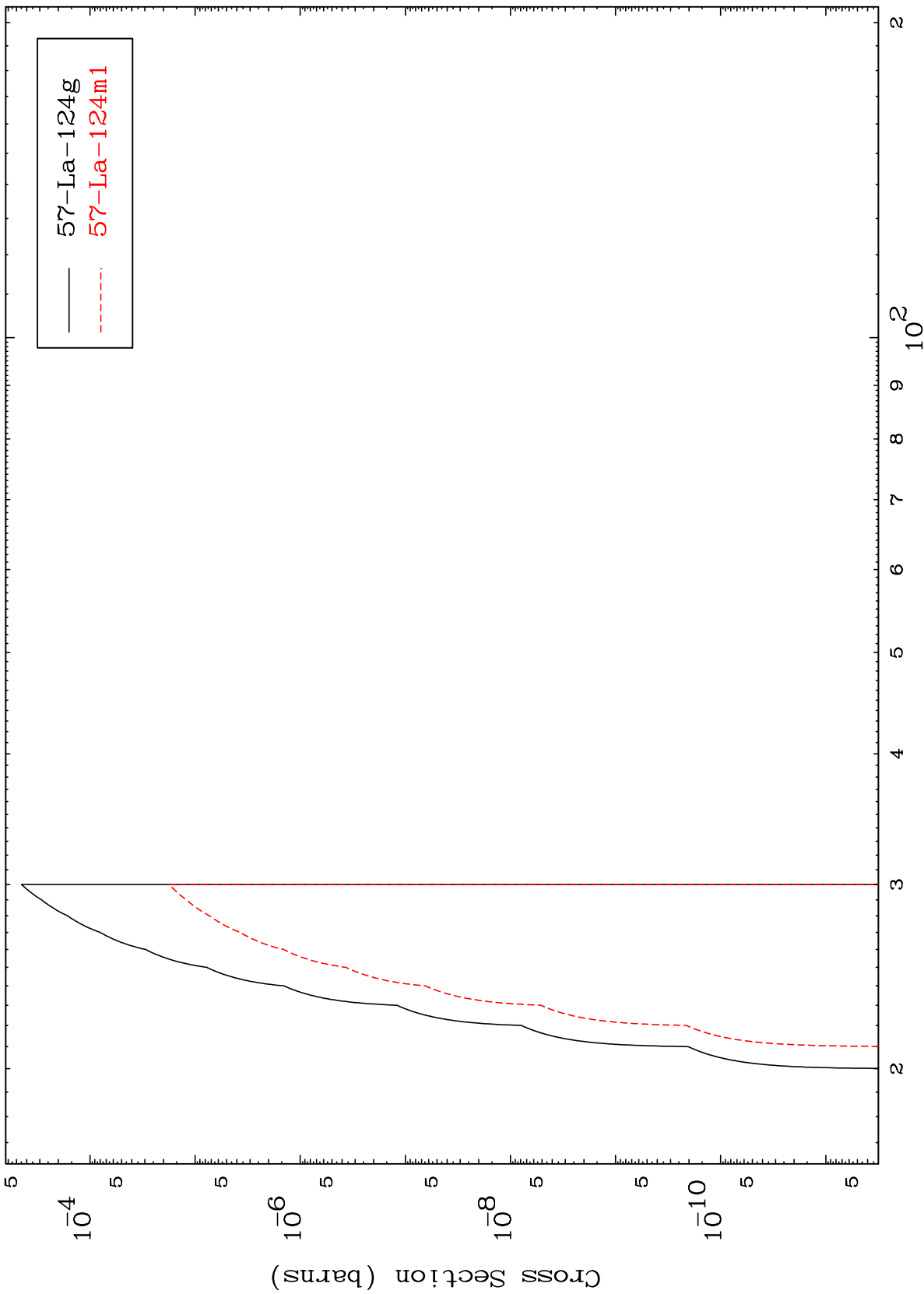
58-Ce-127



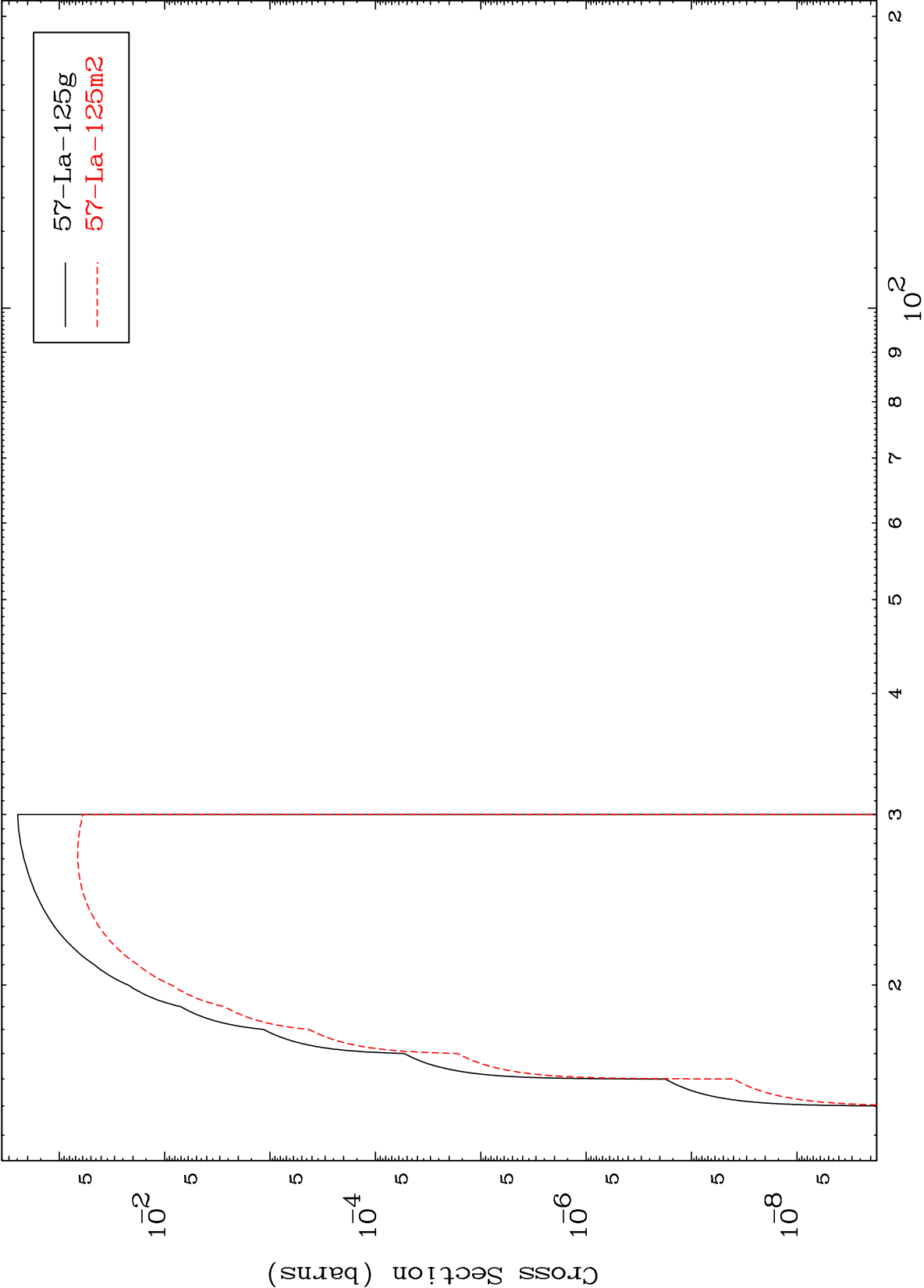
(n,n') d
Radionuclide Production Cross Section

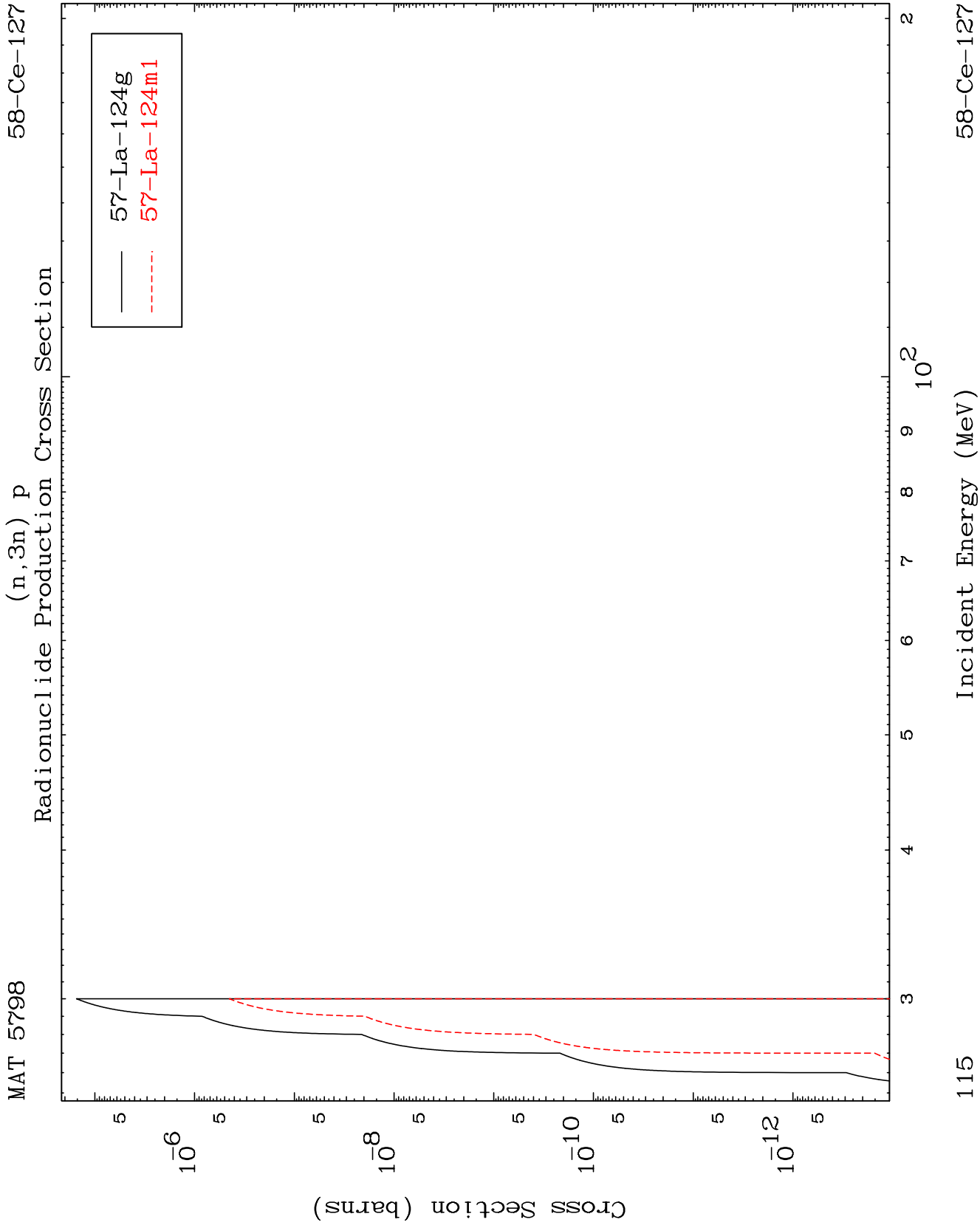


Radionuclide Production Cross Section

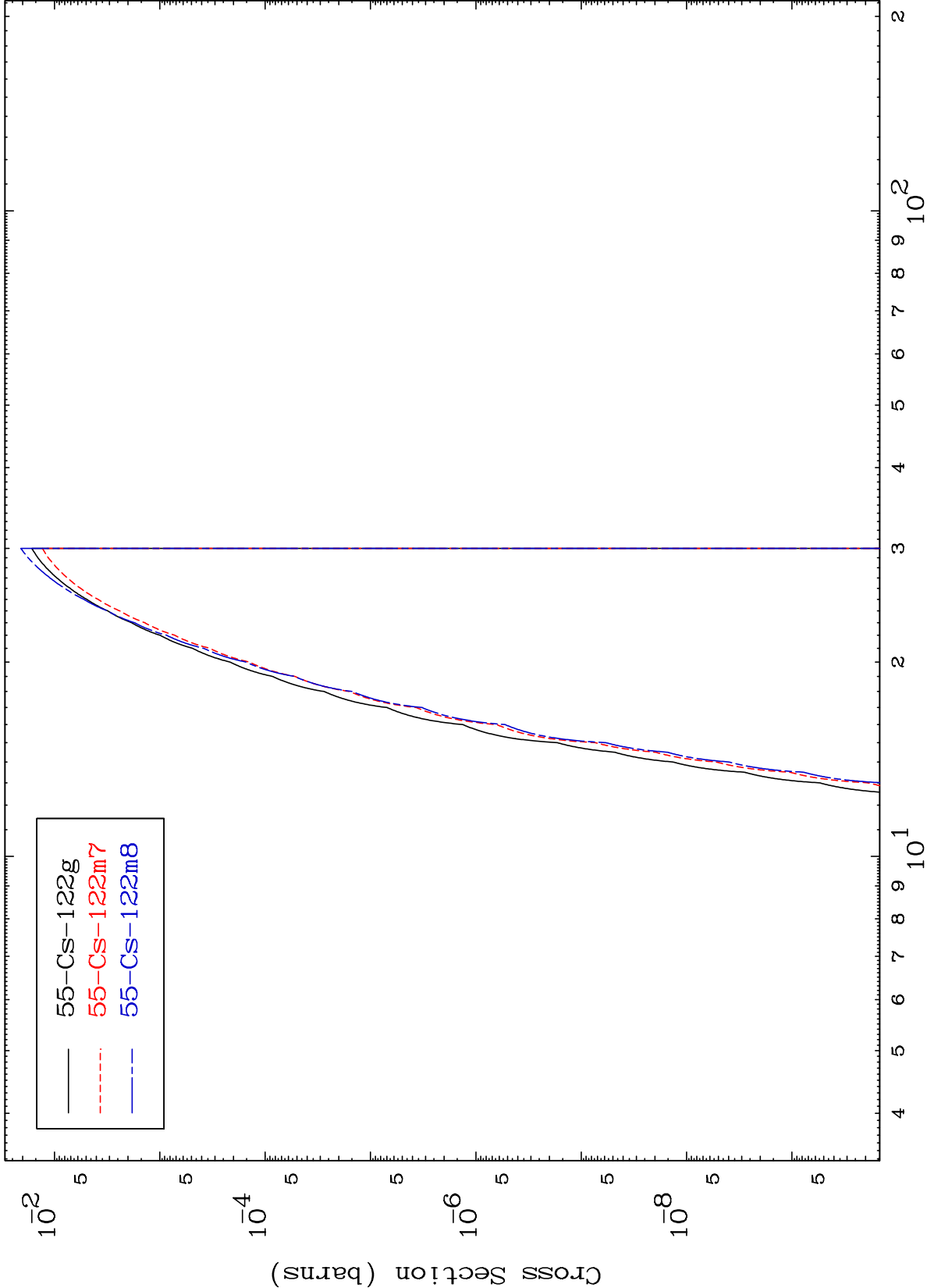


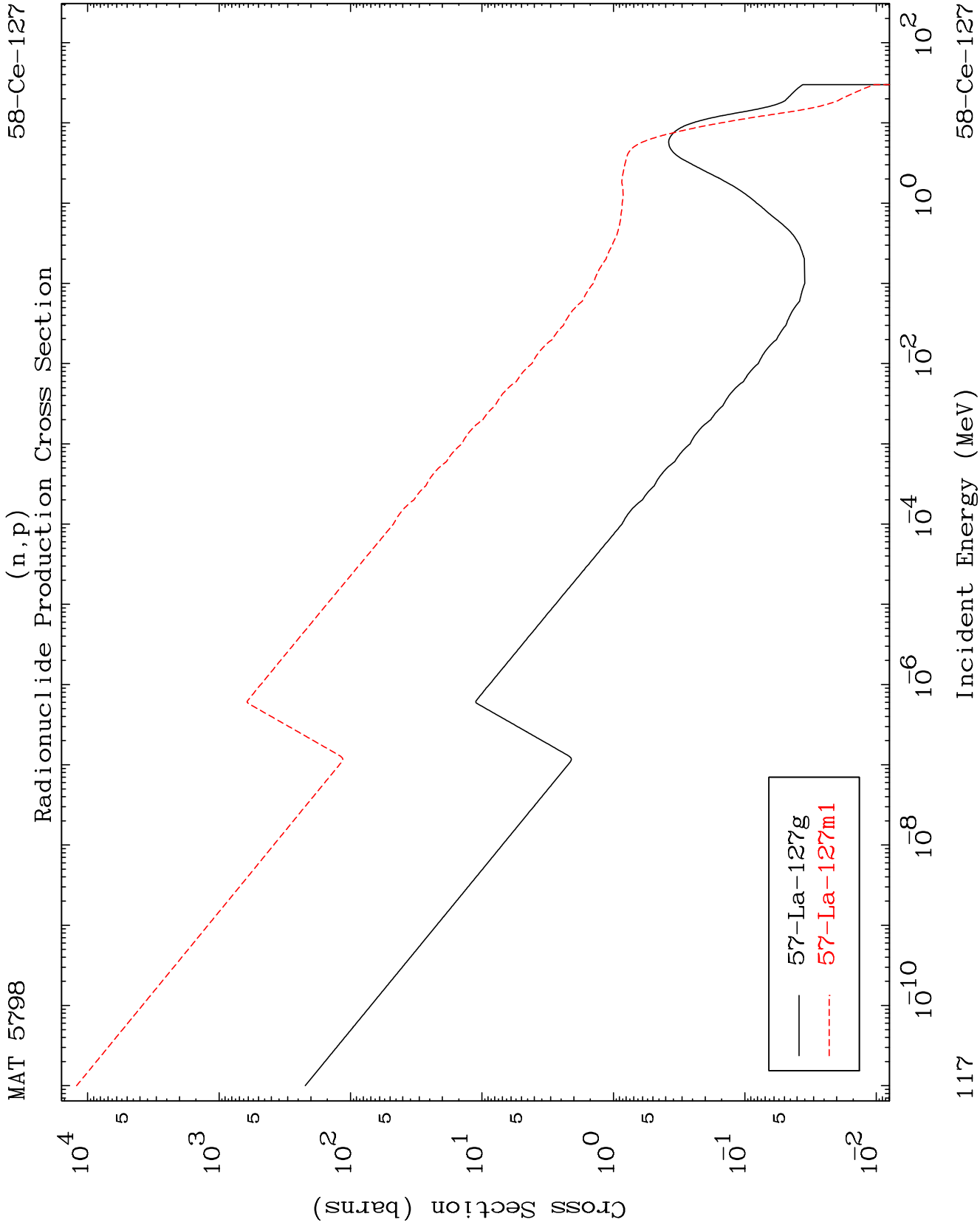
(n,2n) p
Radionuclide Production Cross Section



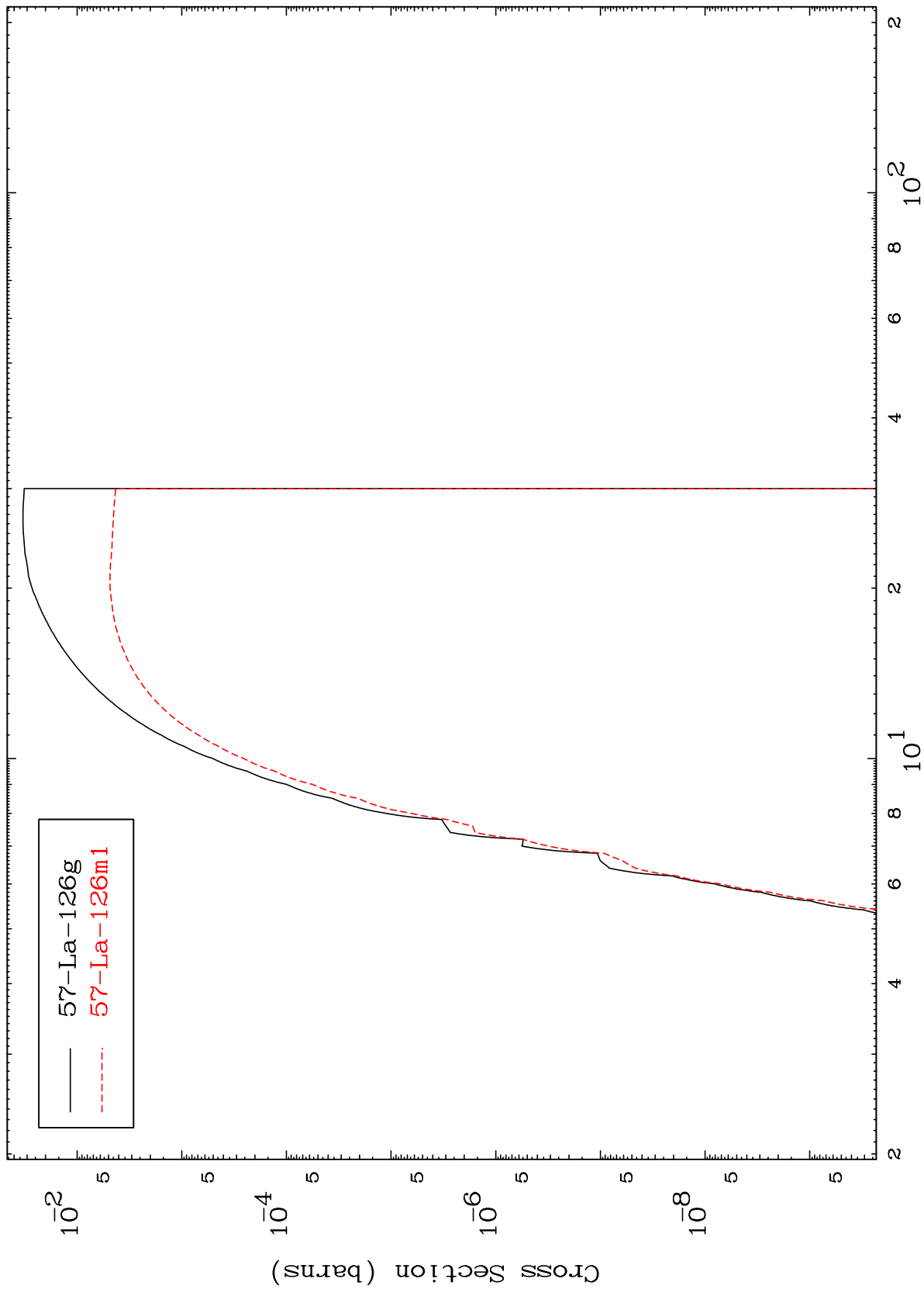


(n,n') p α
Radionuclide Production Cross Section

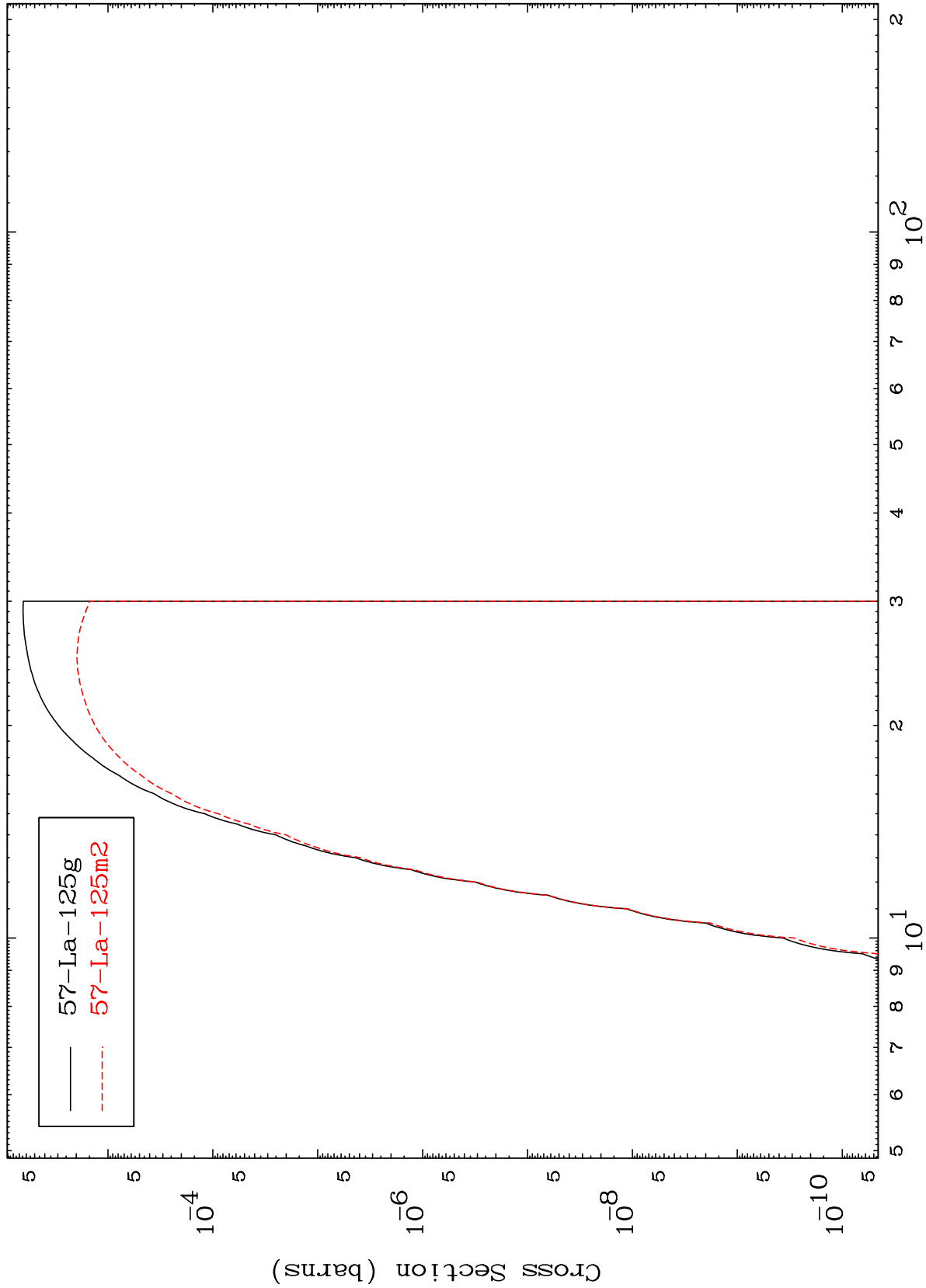


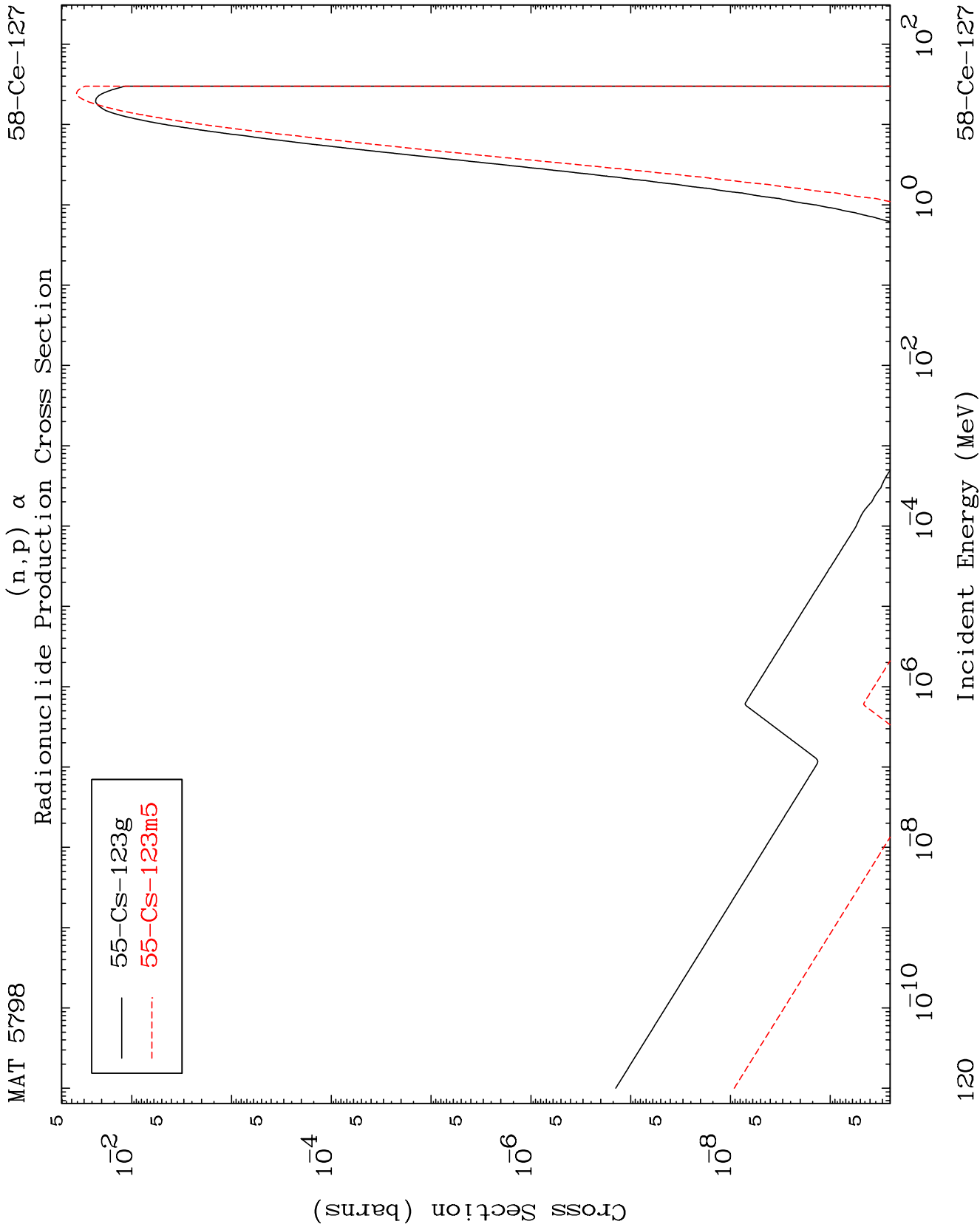


Radionuclide Production Cross Section (n,d)



(n,t)
Radionuclide Production Cross Section

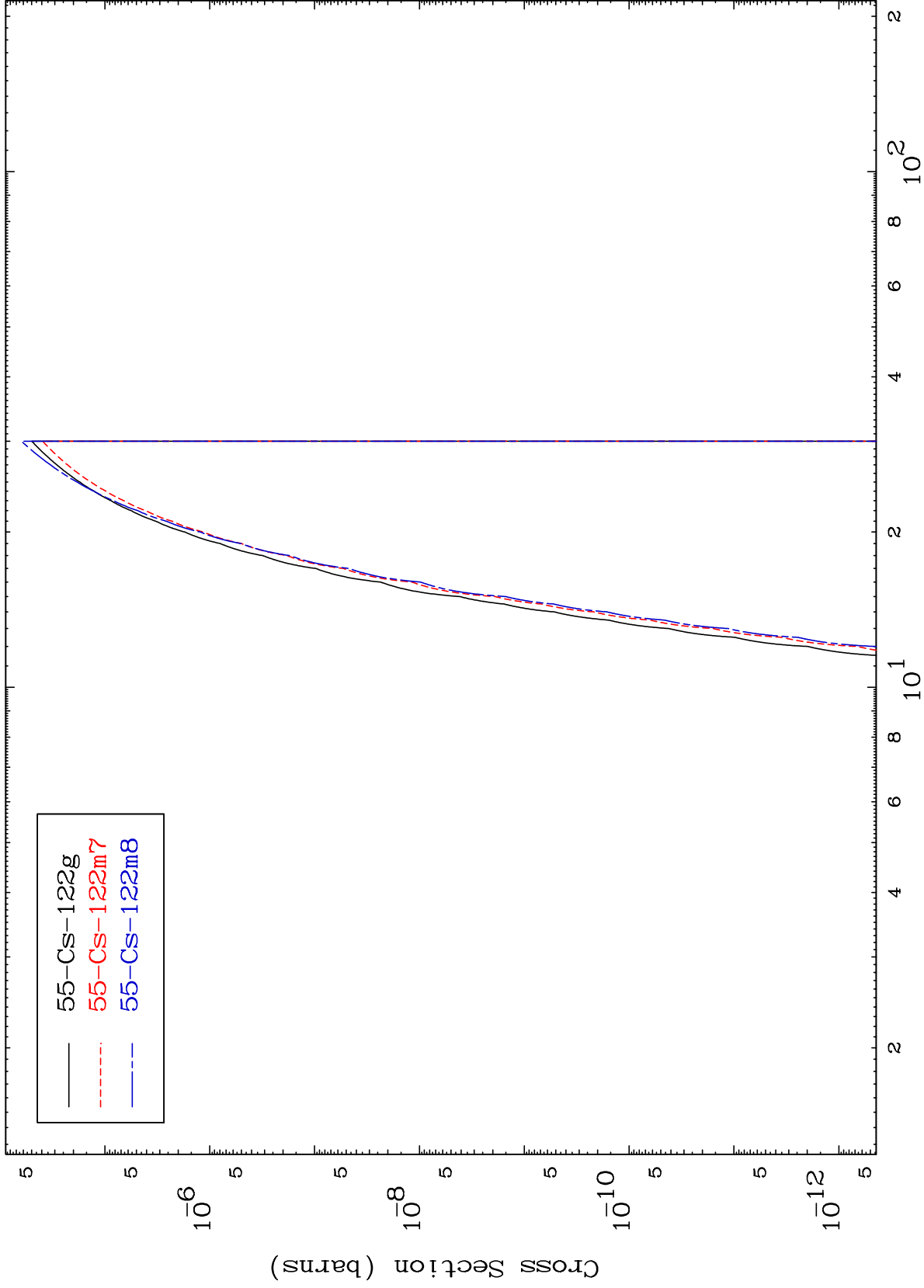




MAT 5798

58-Ce-127

(n,d) α
Radionuclide Production Cross Section



121

Incident Energy (MeV)

58-Ce-127