

Program EVALPLOT
(Version 2021-1)

by

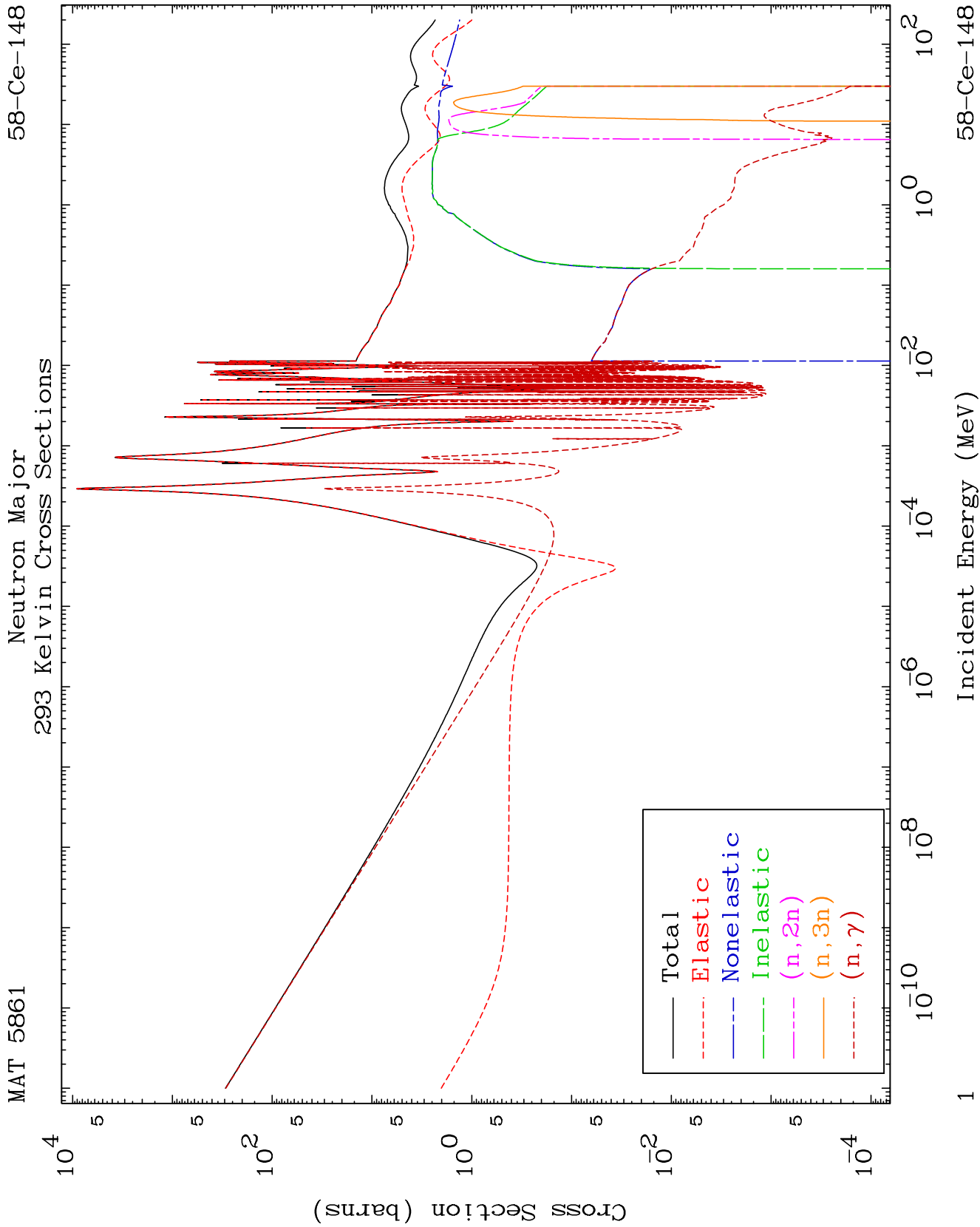
Dermott E. Cullen
(Present Contact Information)

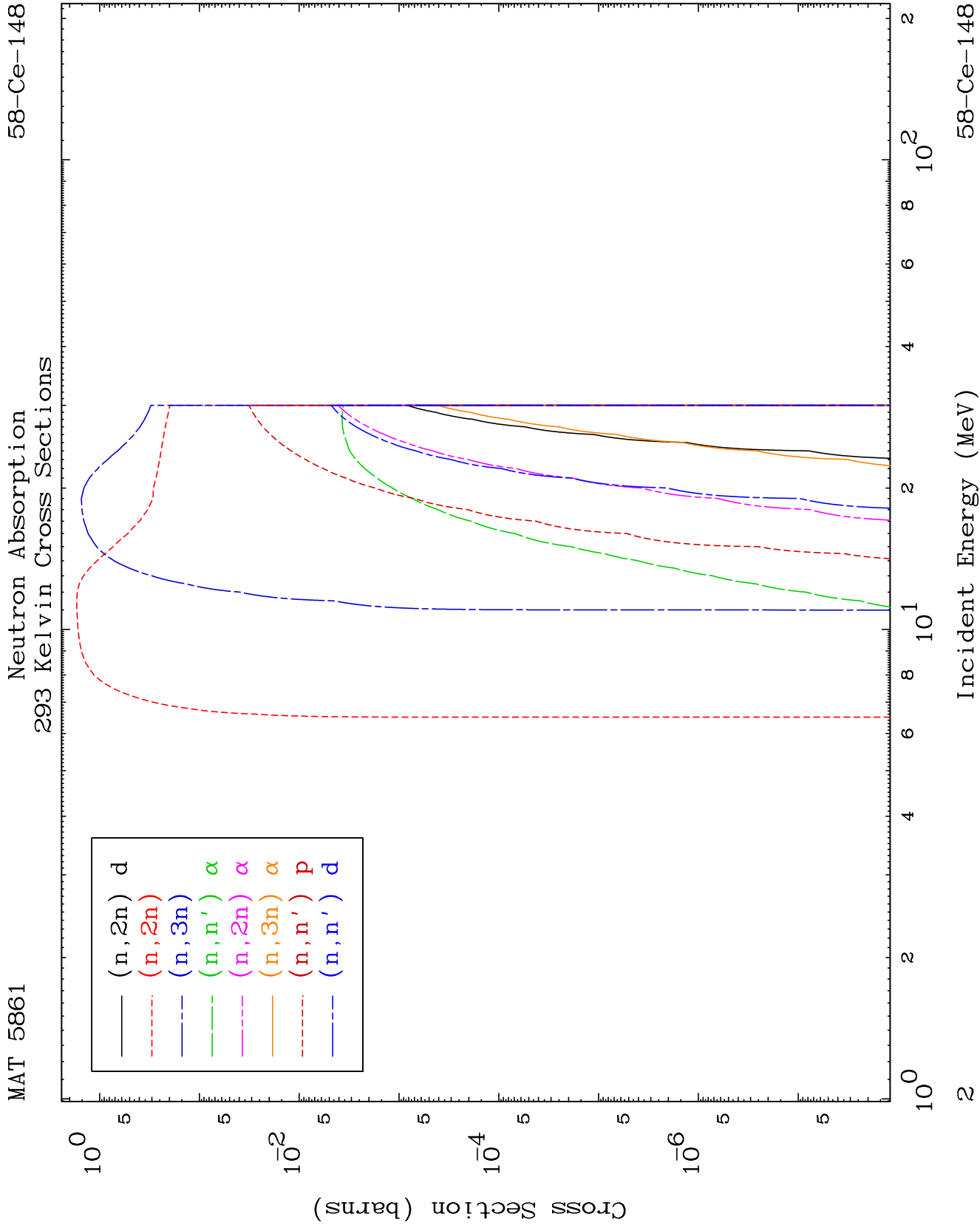
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

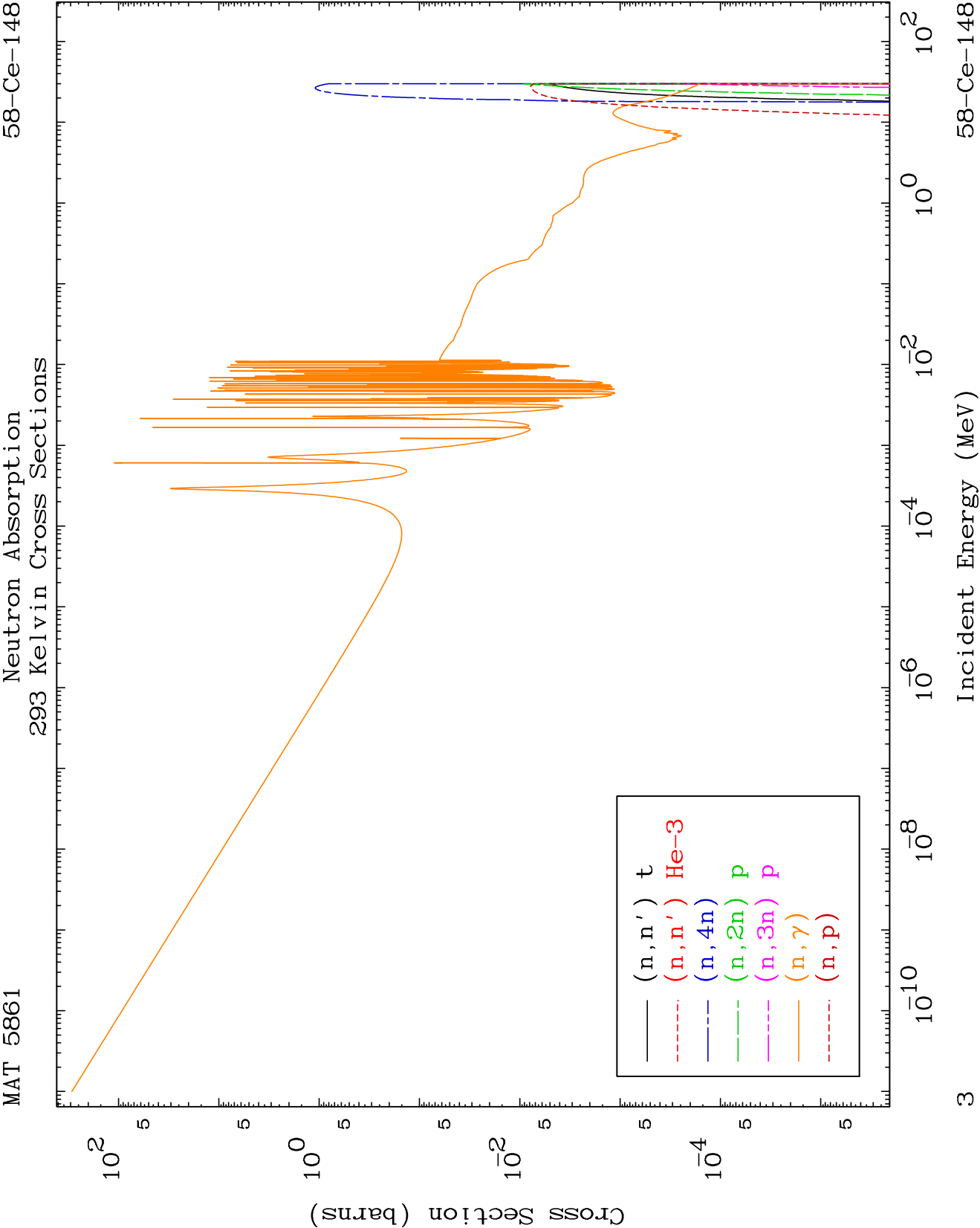
Tele: 925-443-1911

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

Press Mouse Button to Start



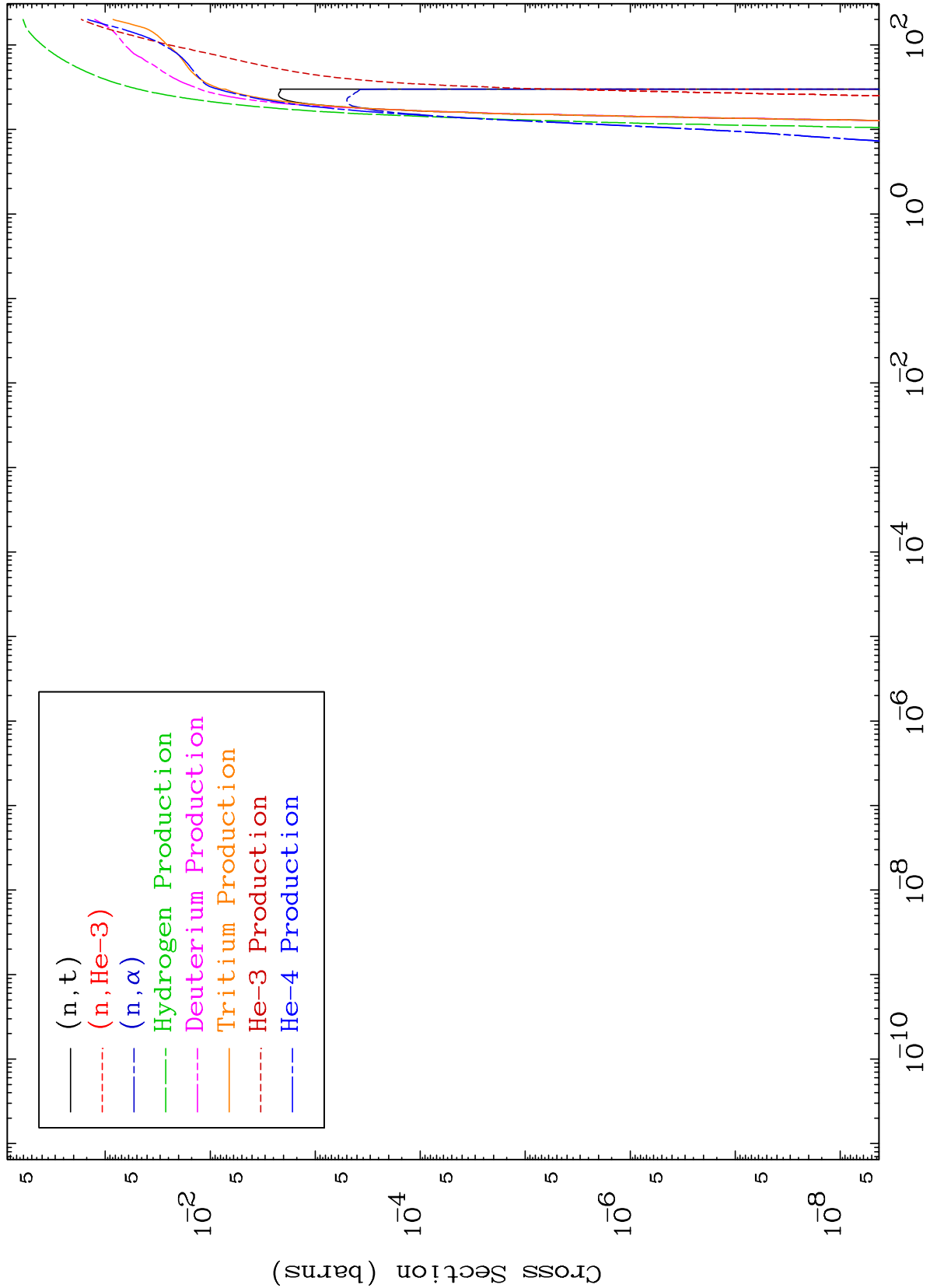




MAT 5861

Neutron Absorption
293 Kelvin Cross Sections

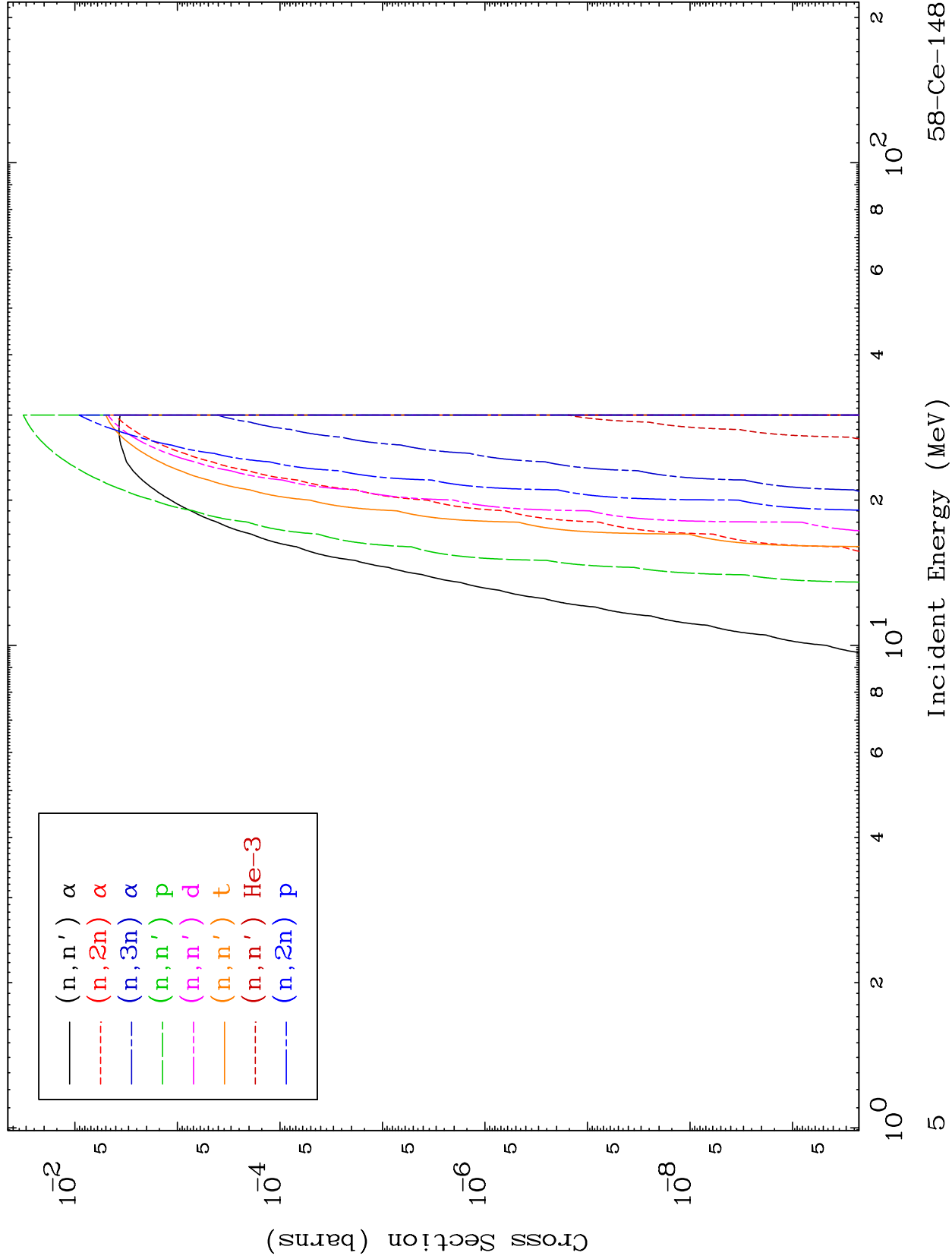
58-Ce-148

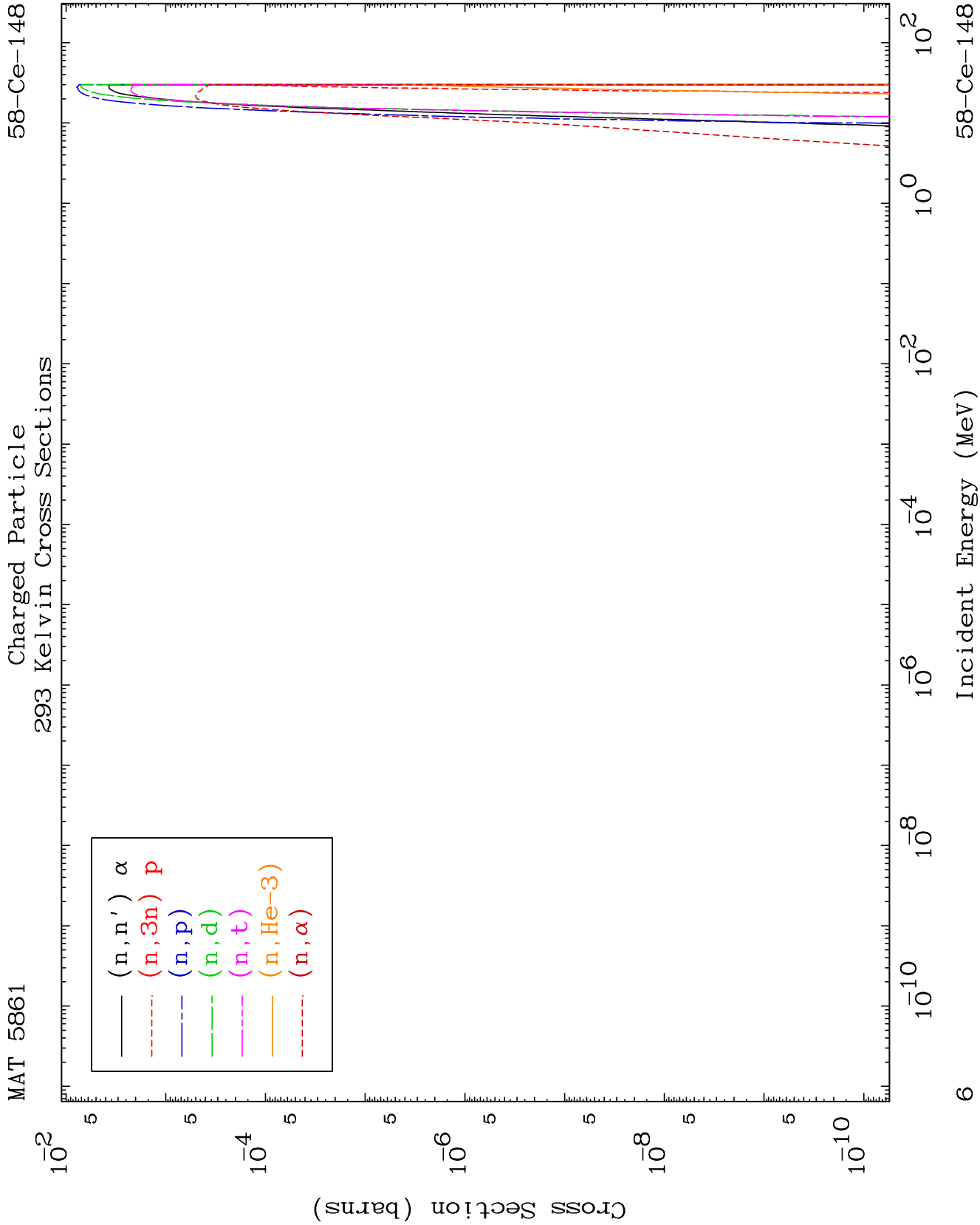


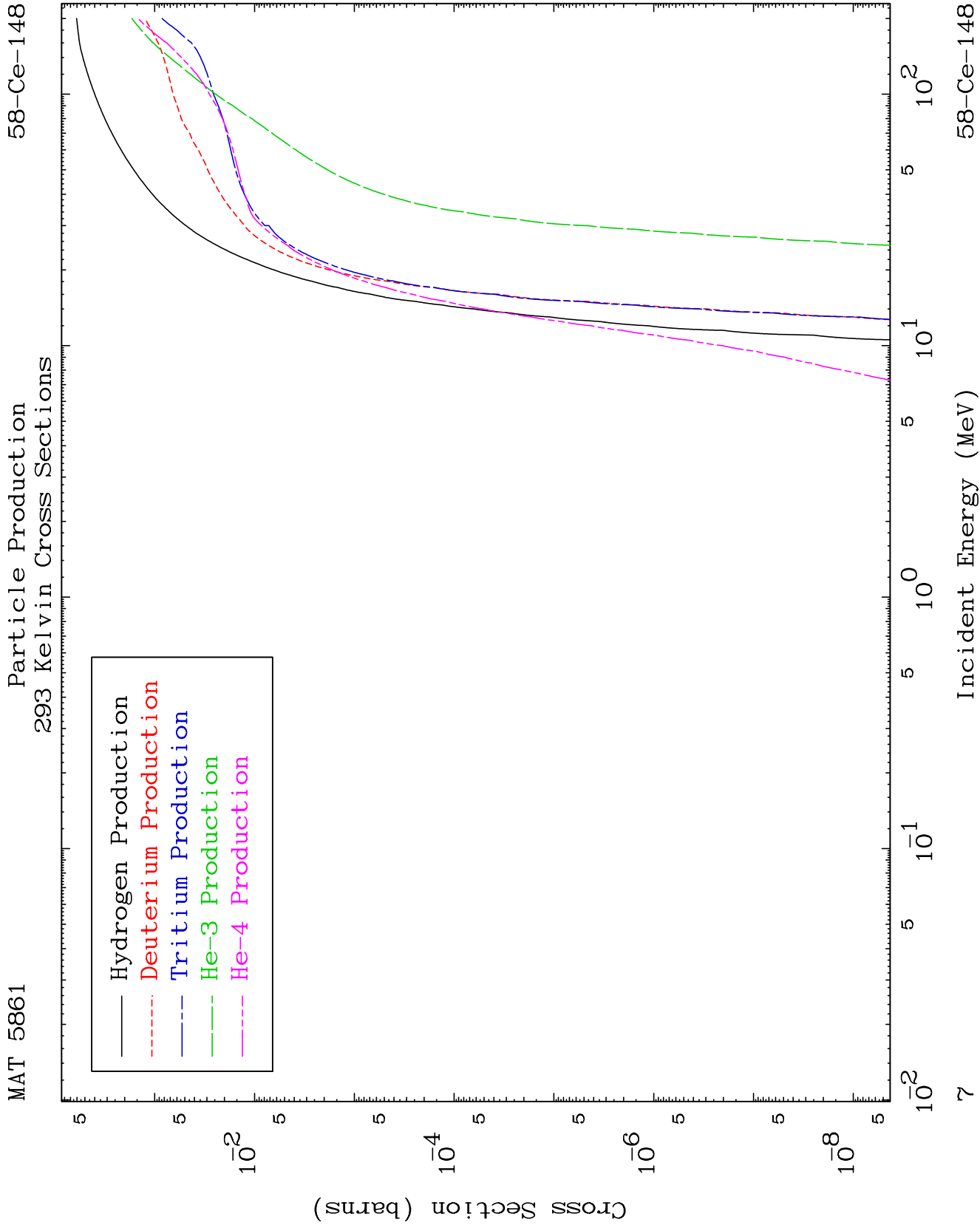
MAT 5861

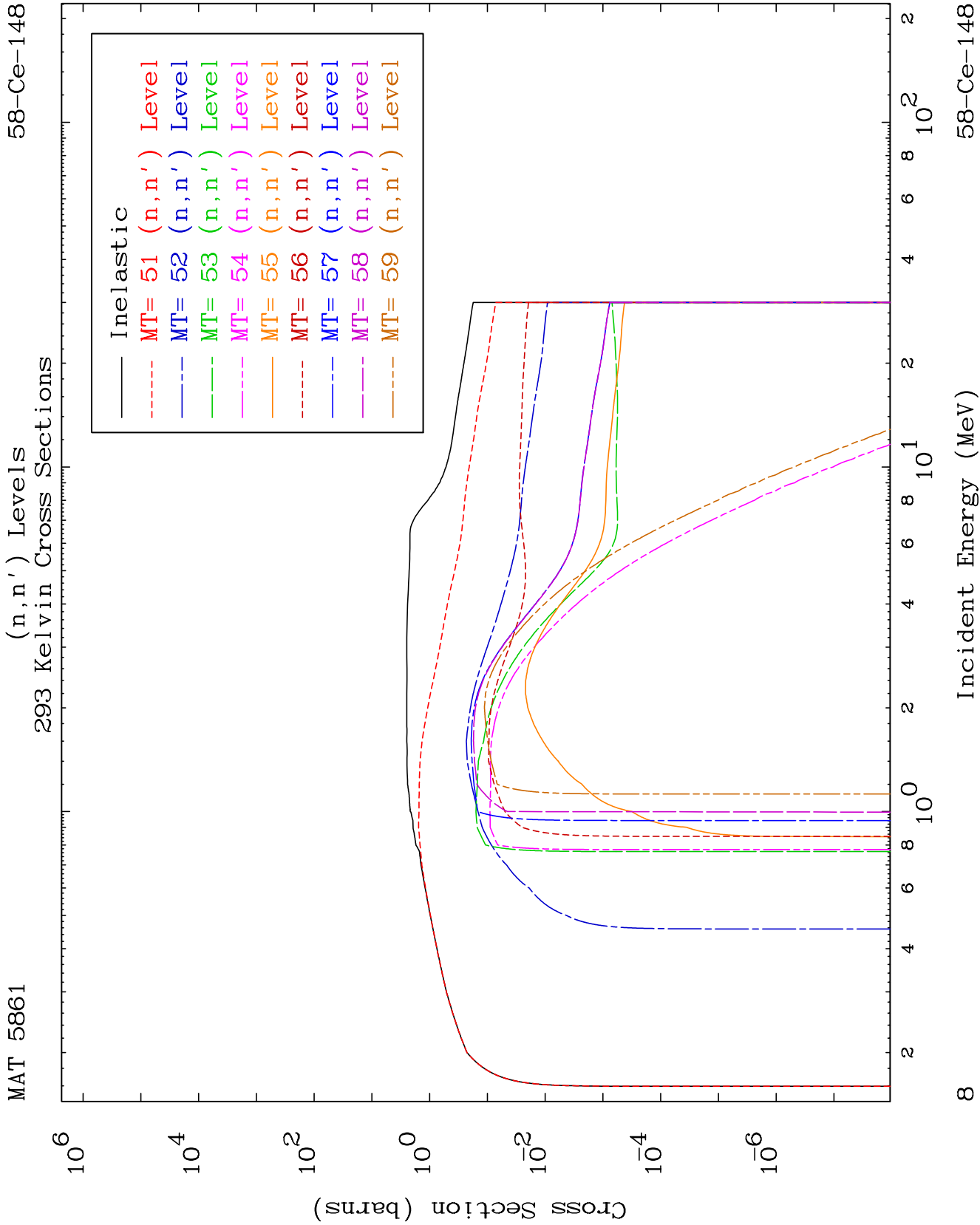
Charged Particle
293 Kelvin Cross Sections

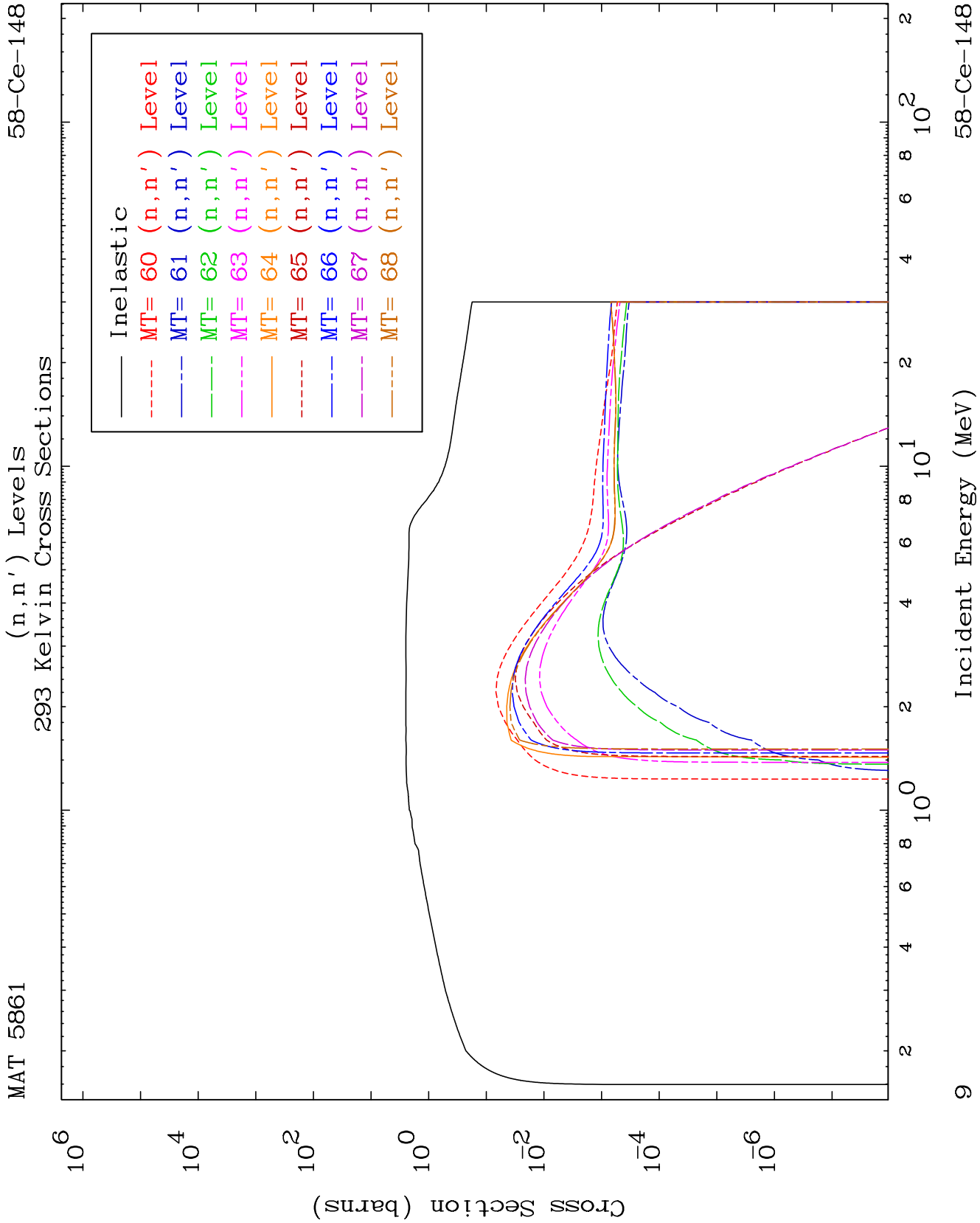
58-Ce-148

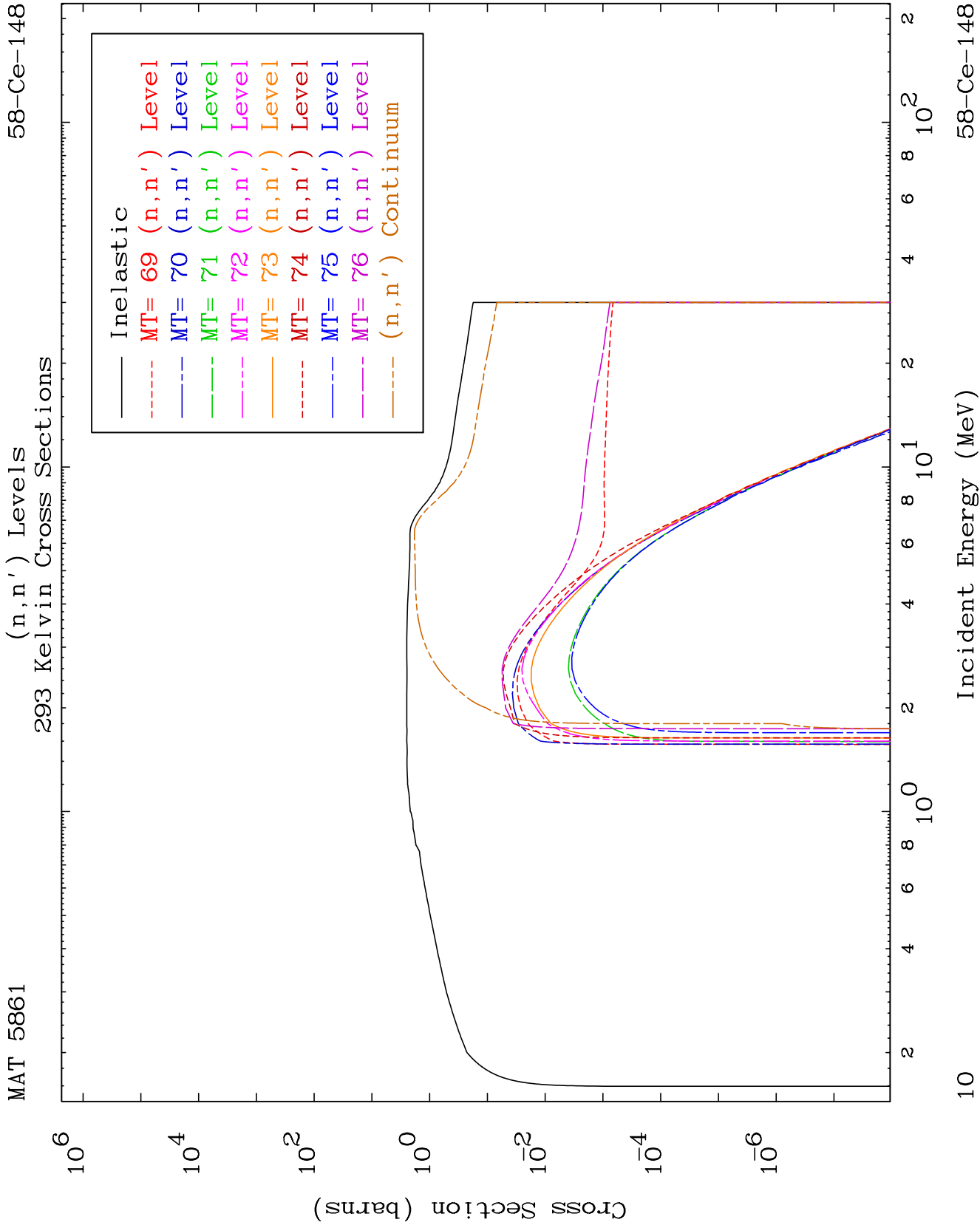


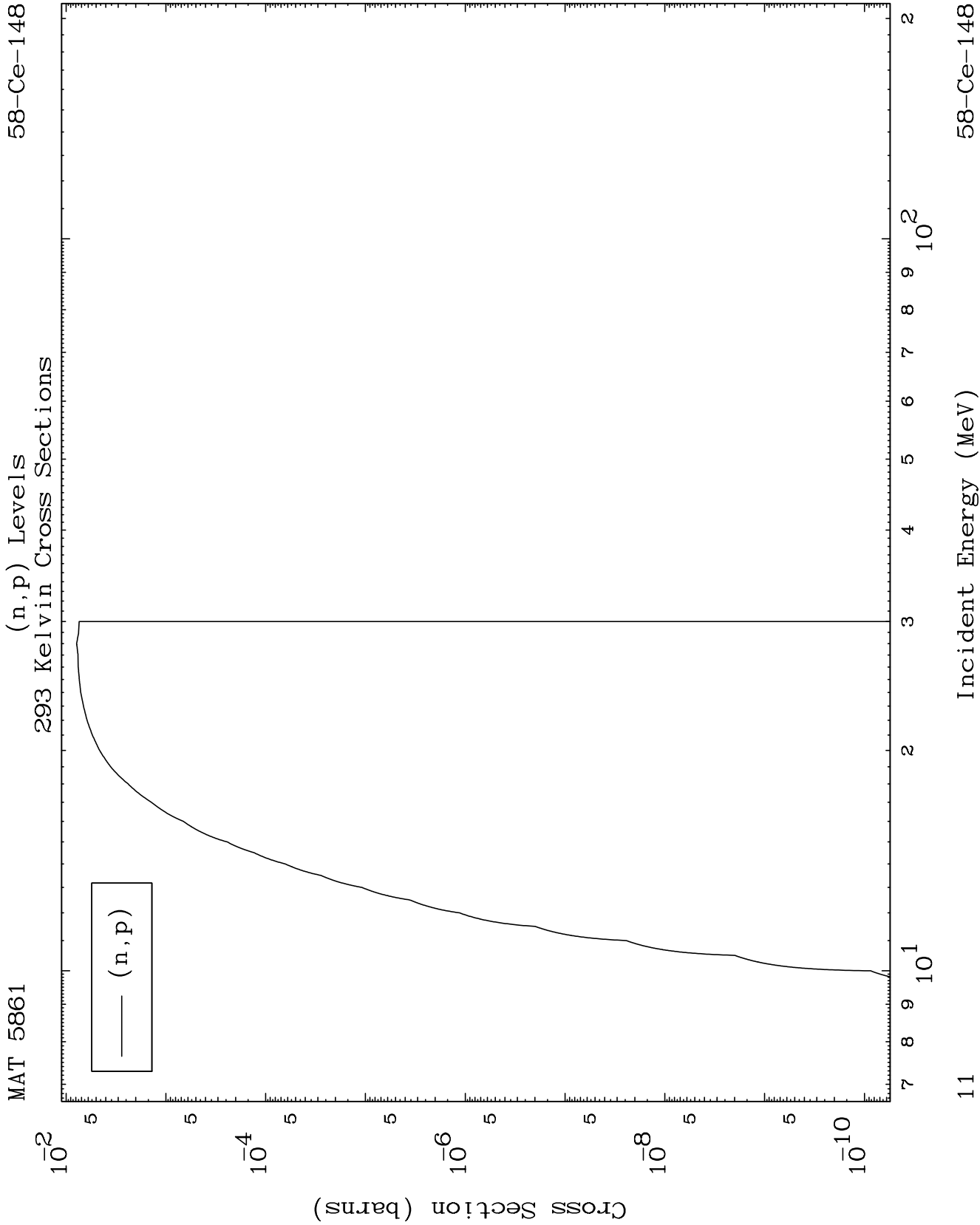


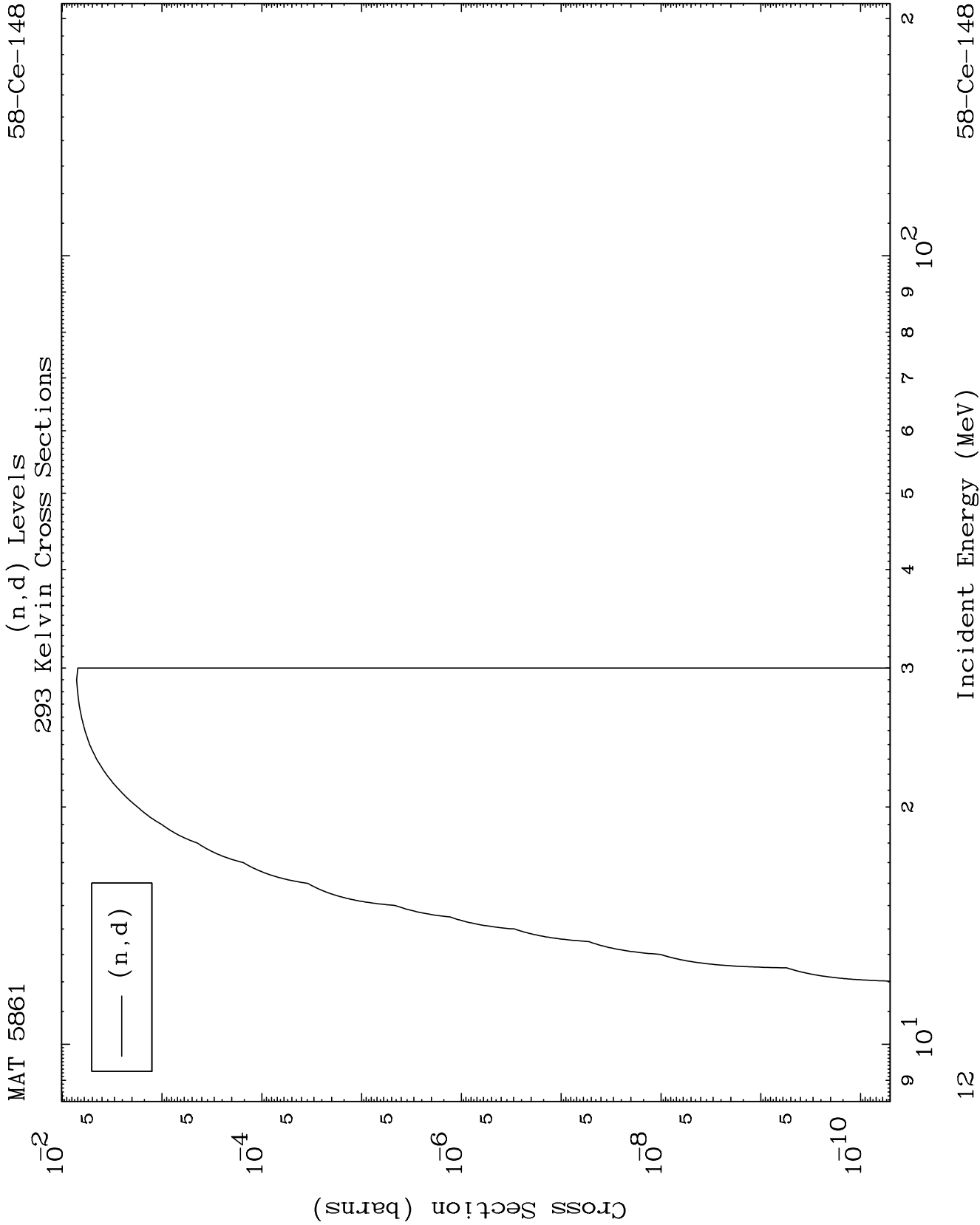








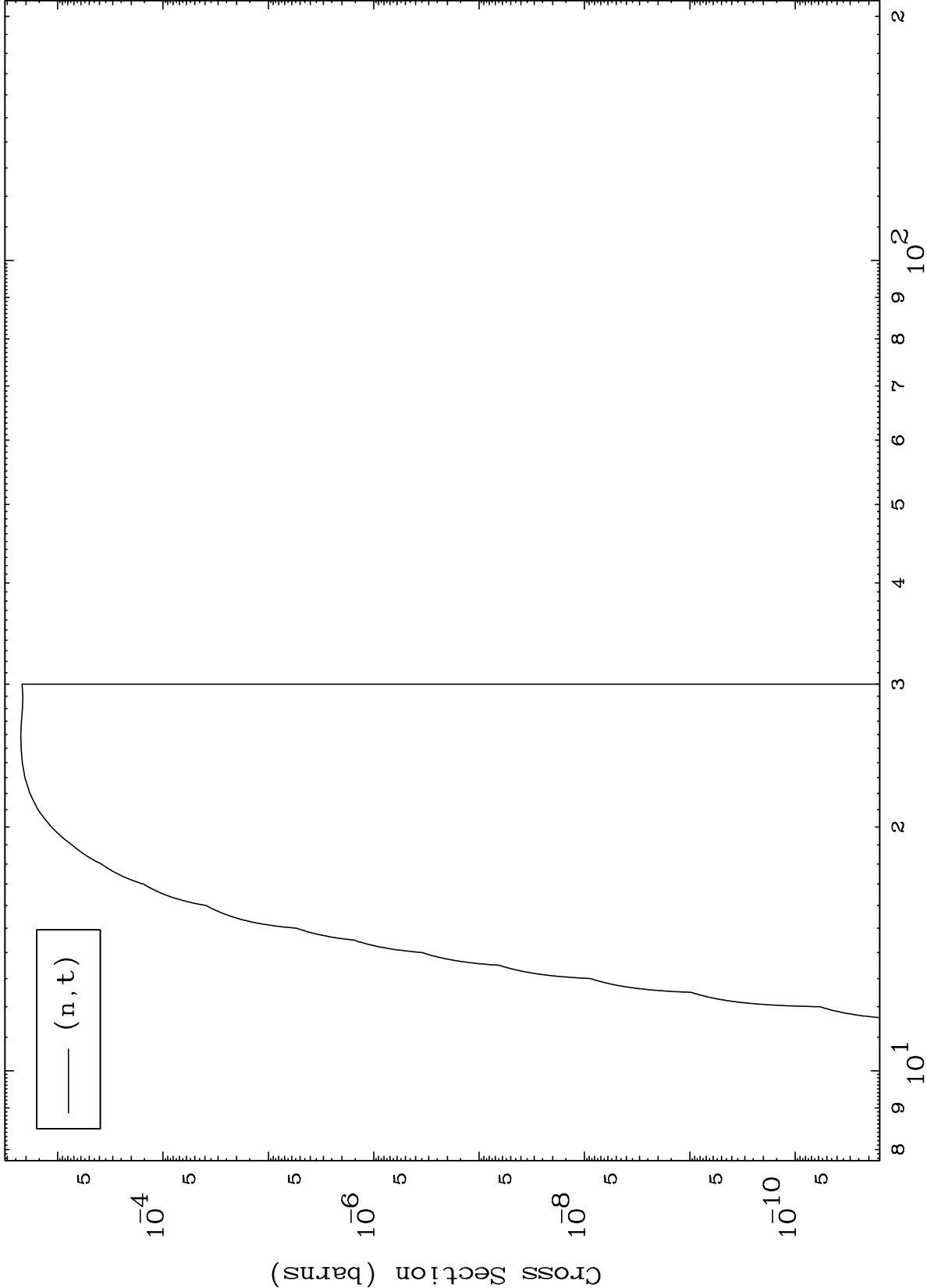




MAT 5861

58-Ce-148

(n,t) Levels
293 Kelvin Cross Sections



58-Ce-148

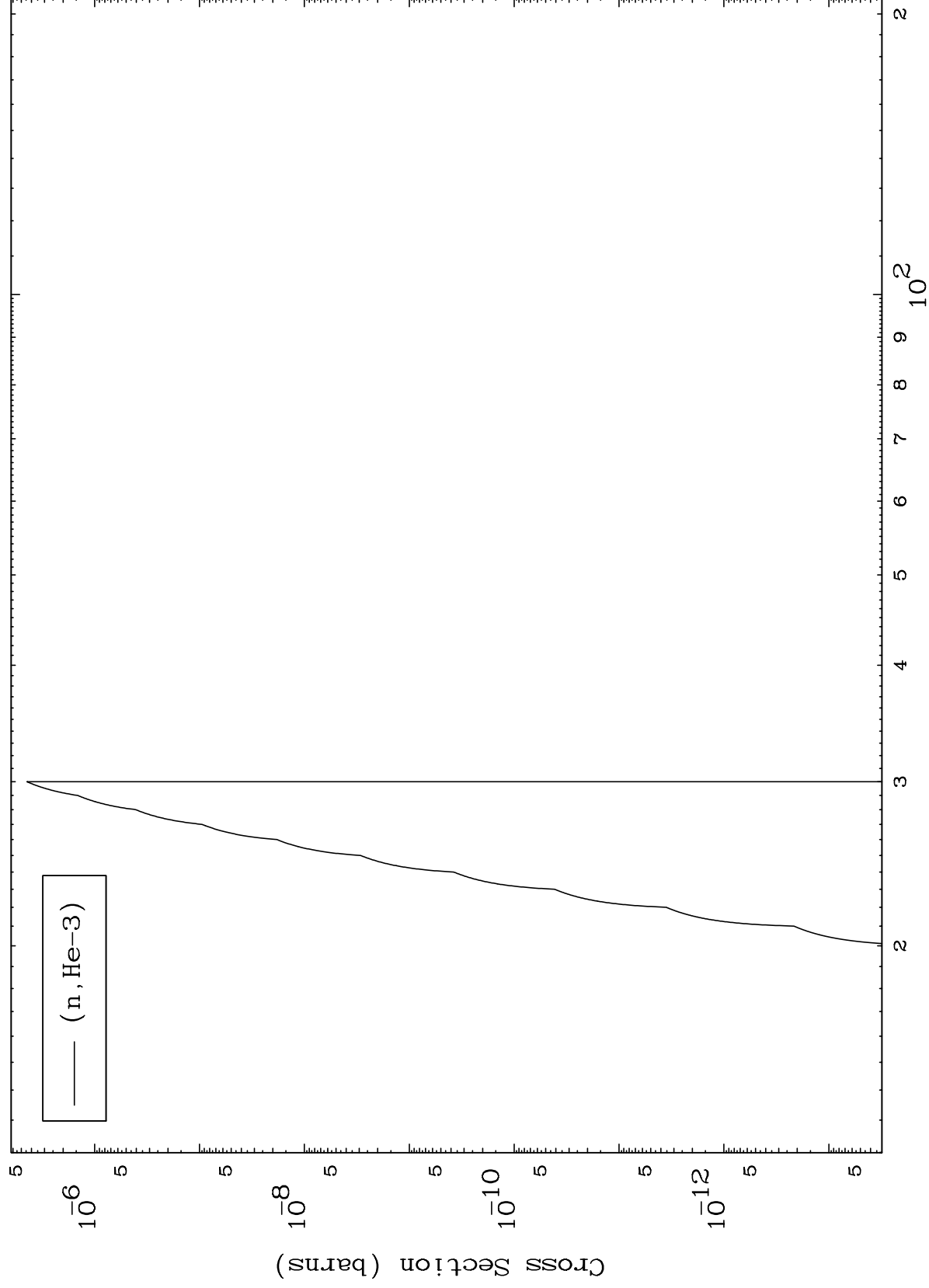
Incident Energy (MeV)

13

MAT 5861

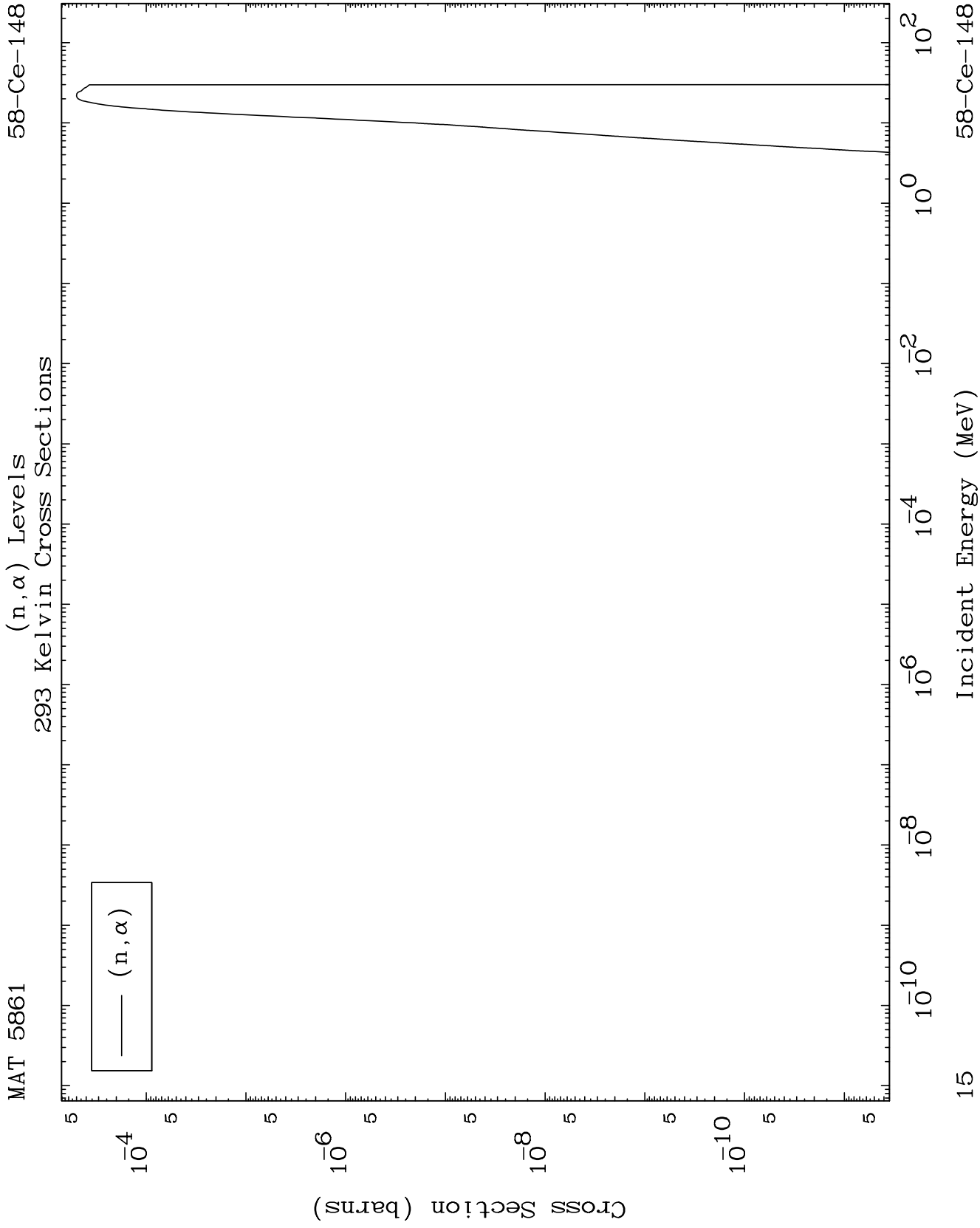
58-Ce-148

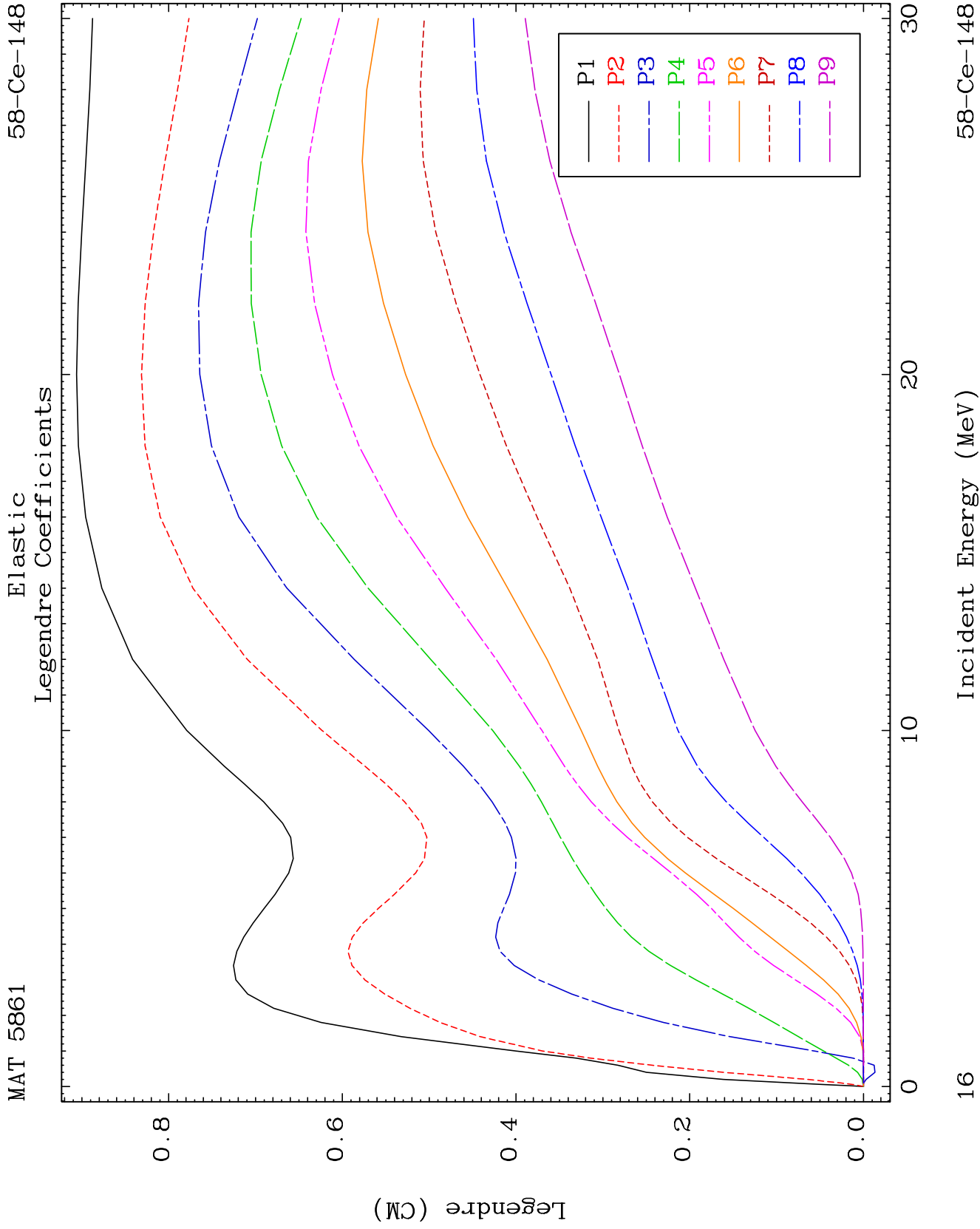
(n,He3) Levels
293 Kelvin Cross Sections

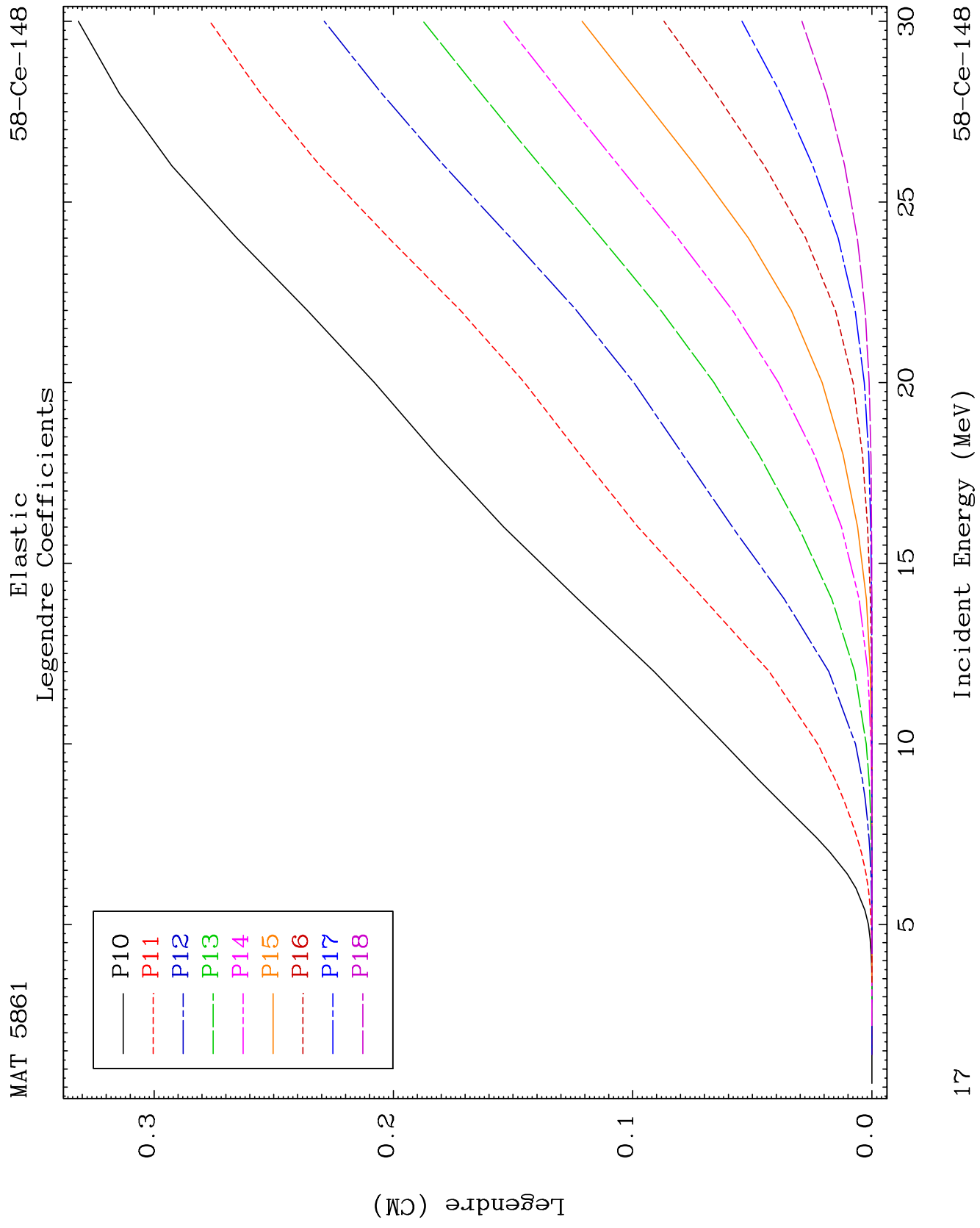


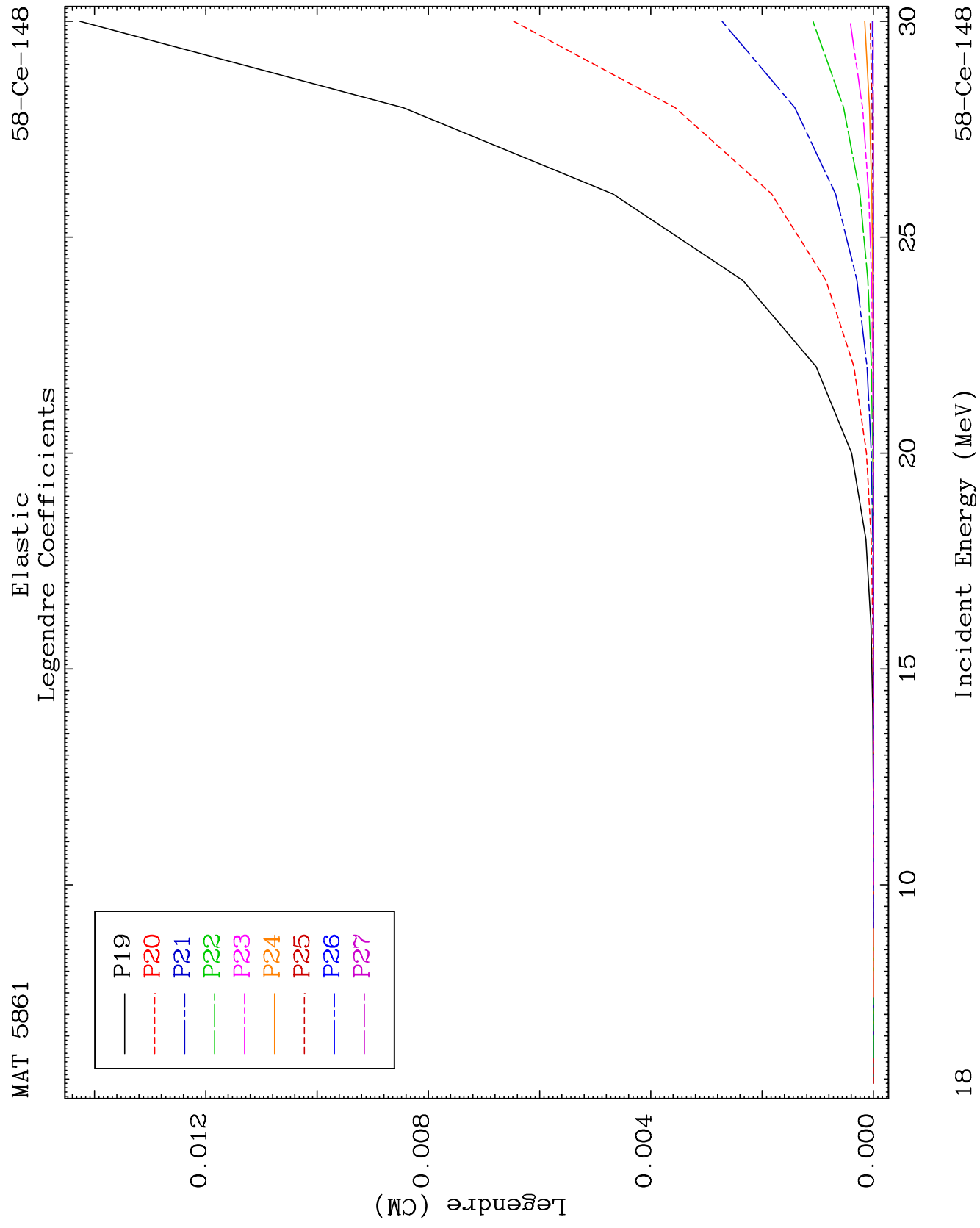
14

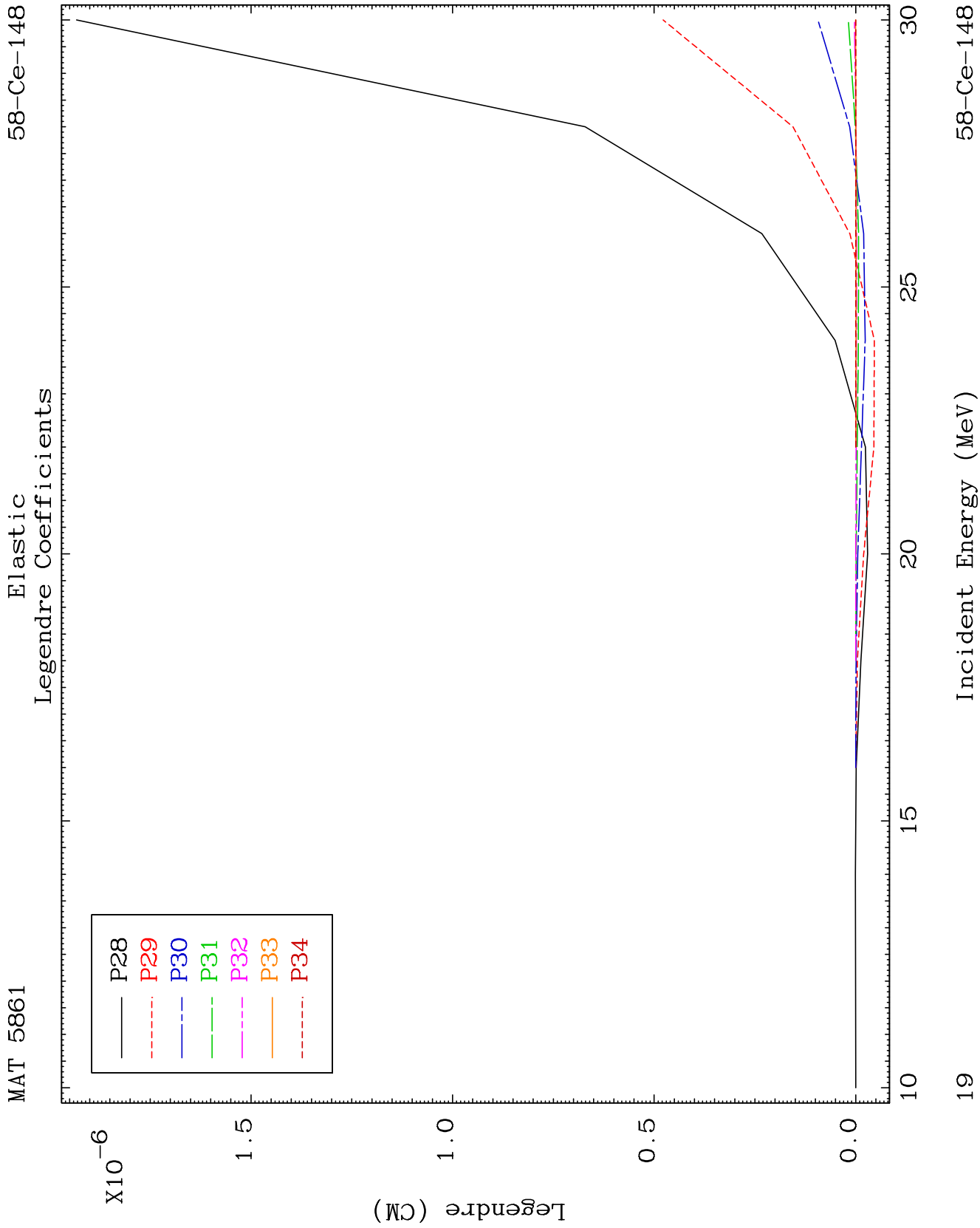
58-Ce-148







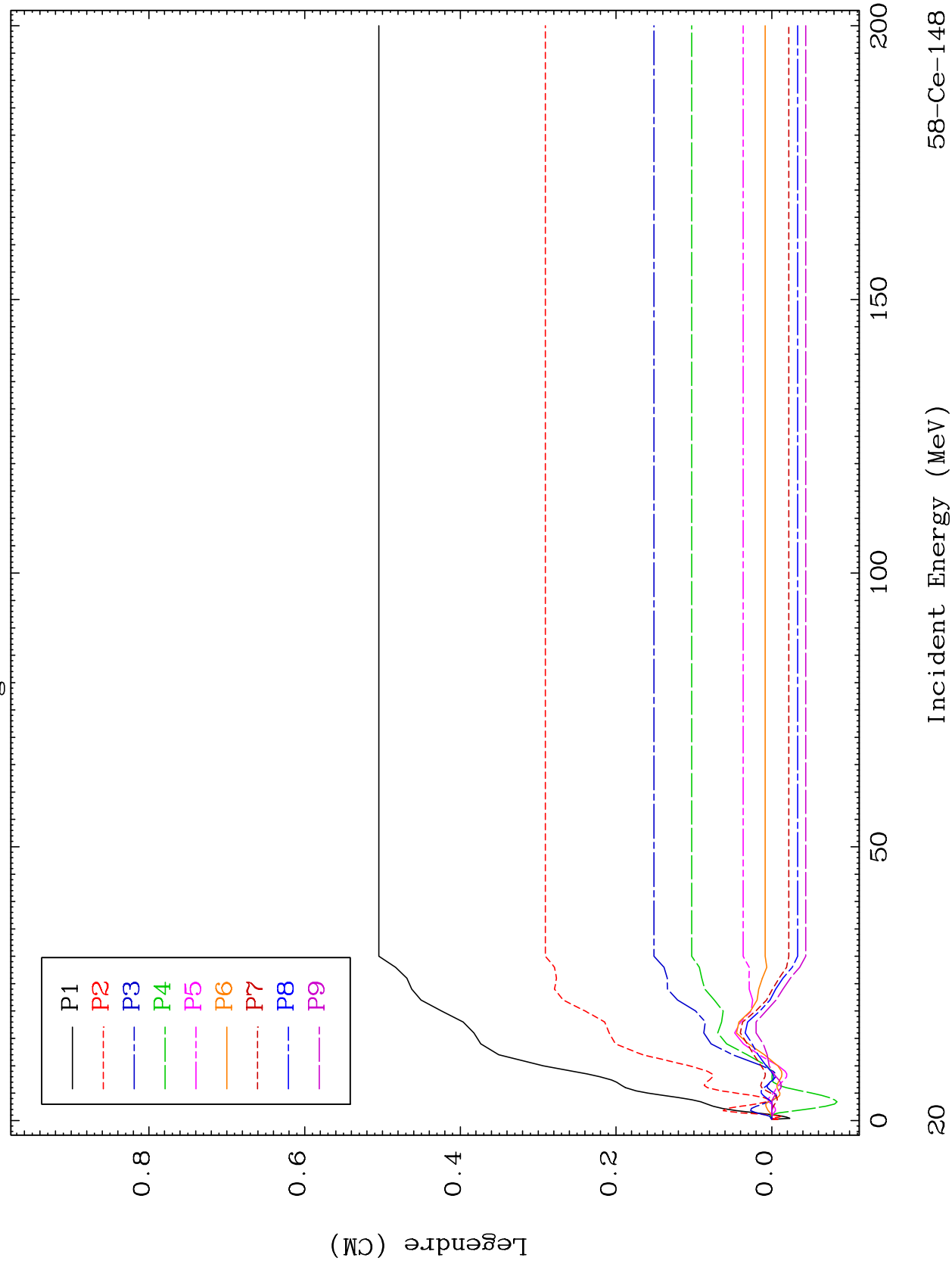


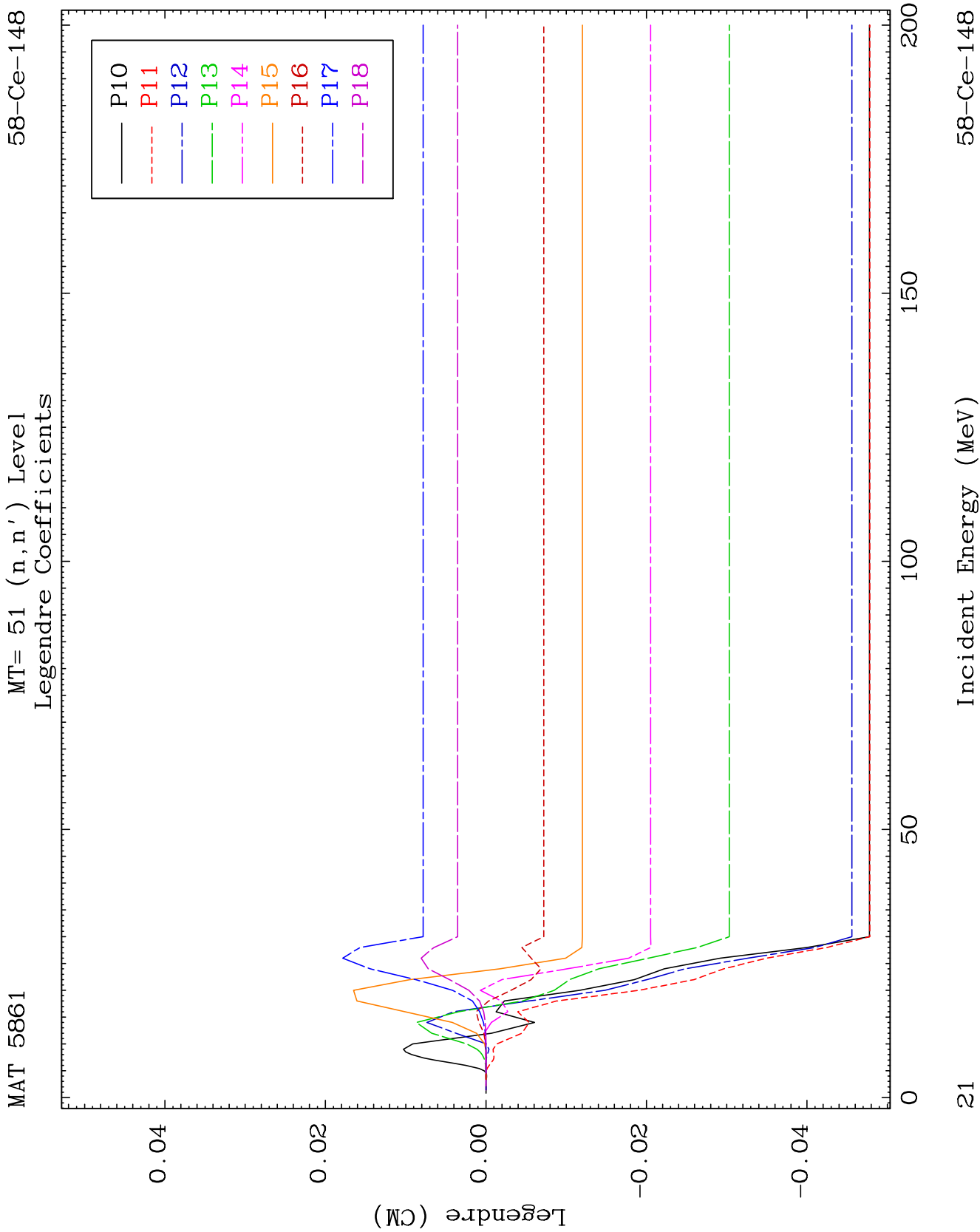


MAT 5861

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

58-Ce-148

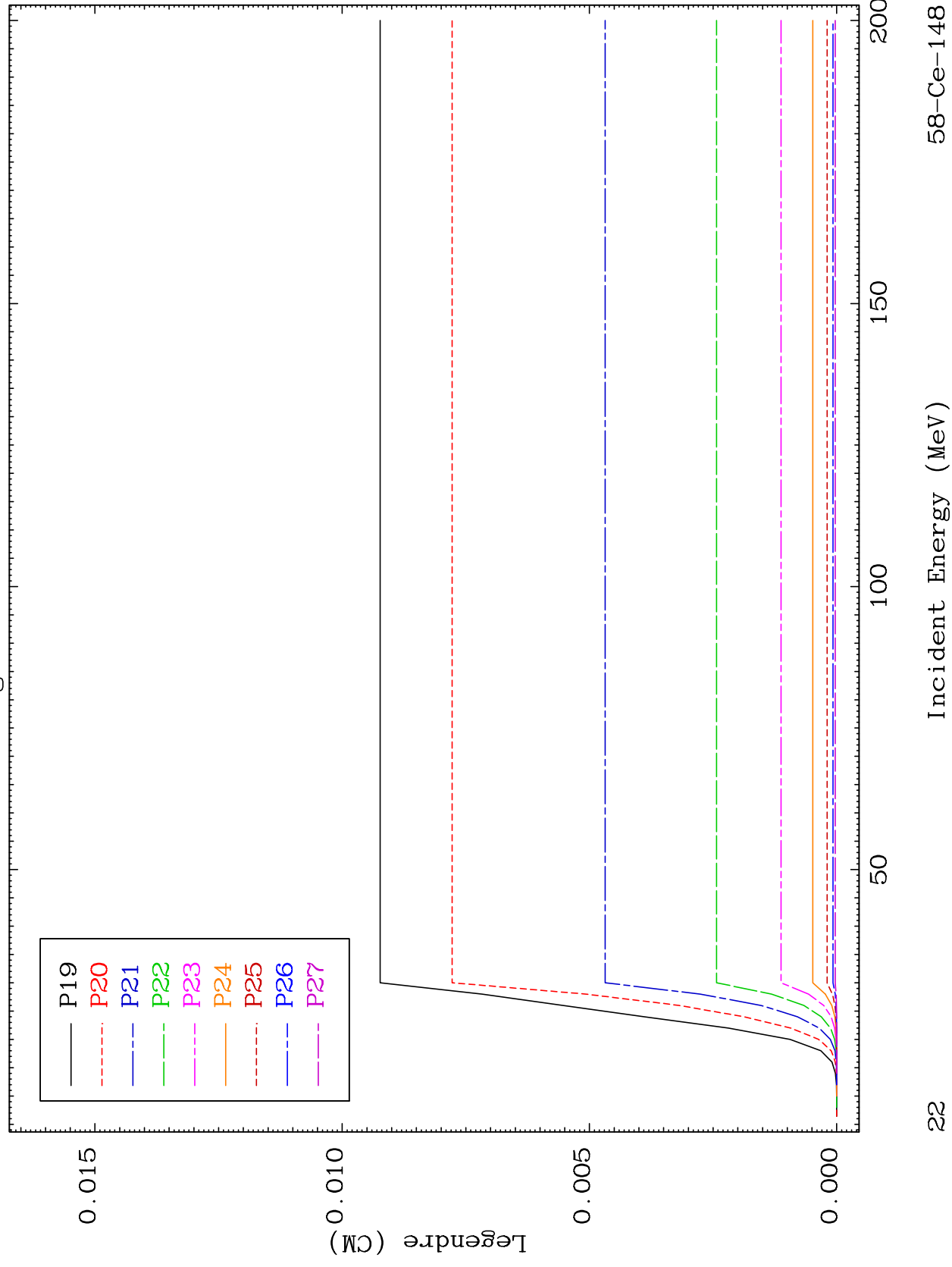


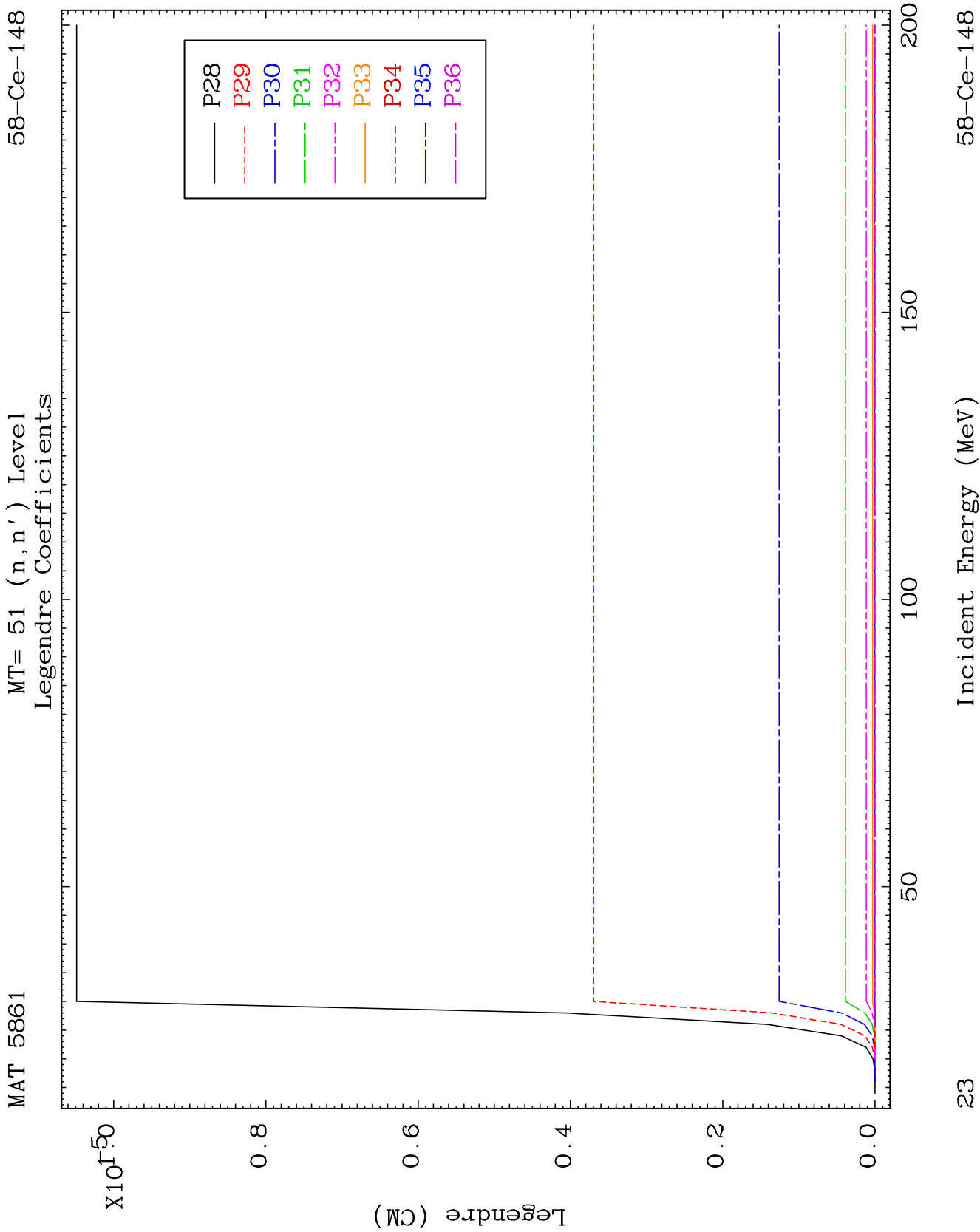


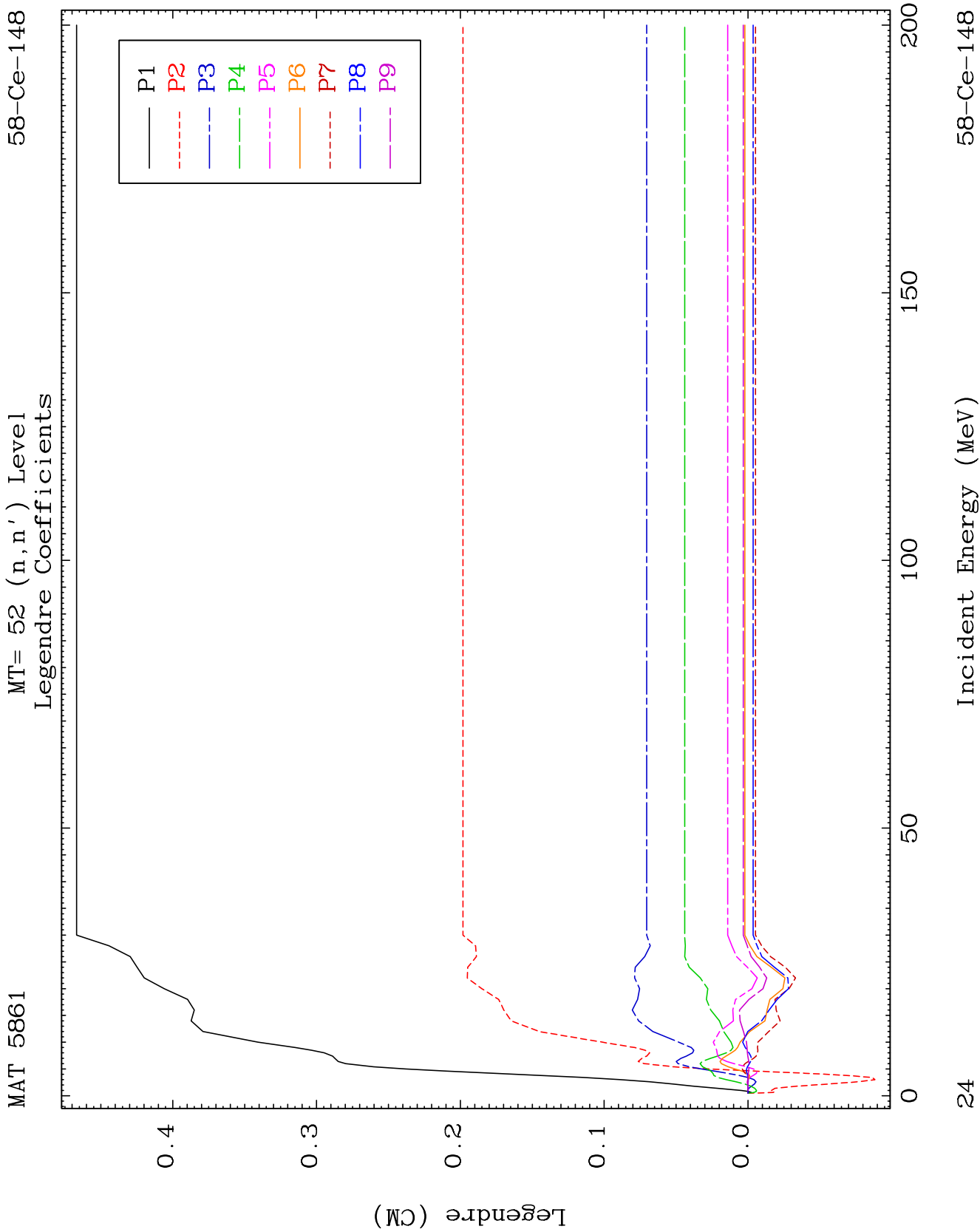
MAT 5861

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

58-Ce-148



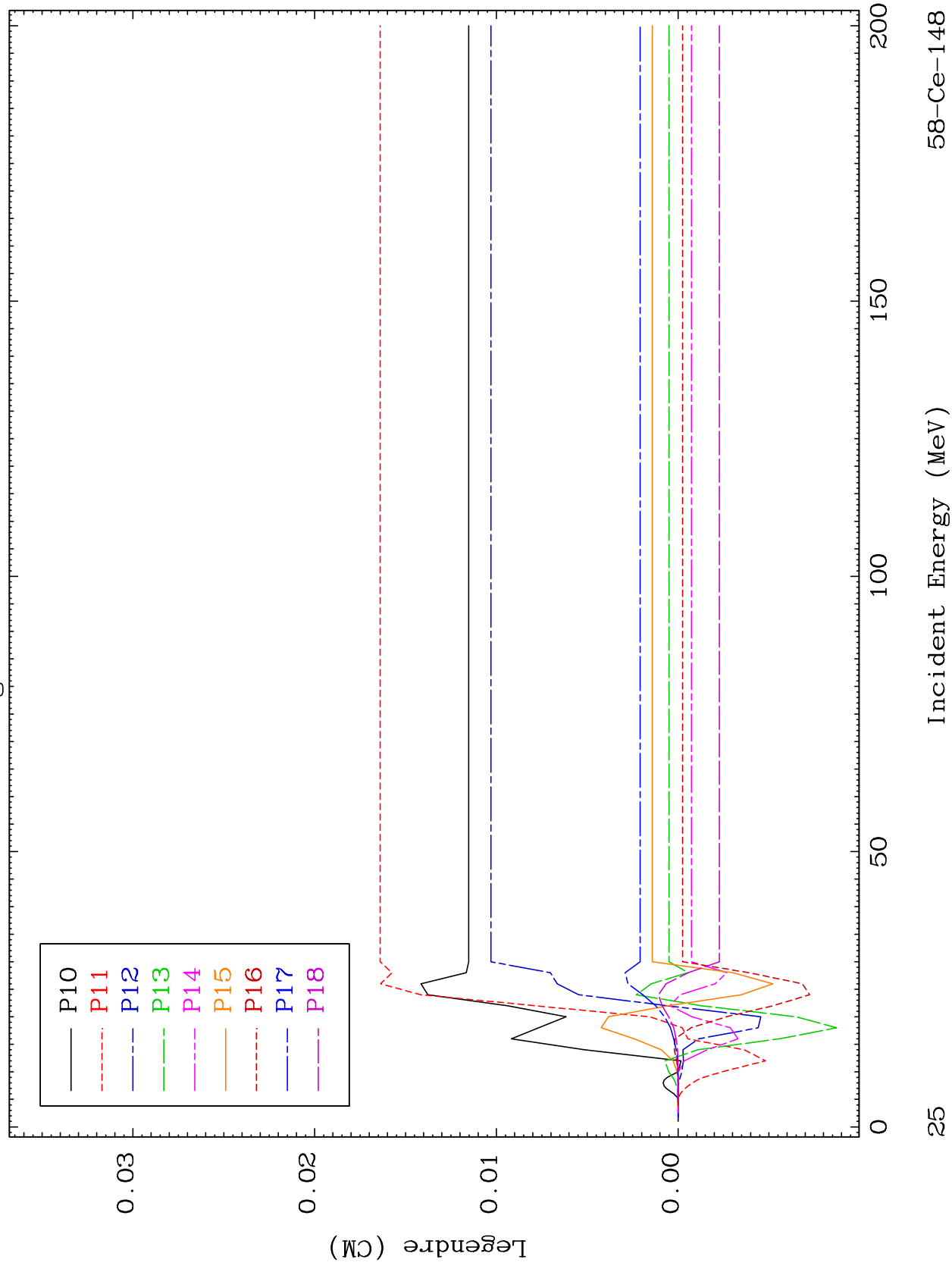


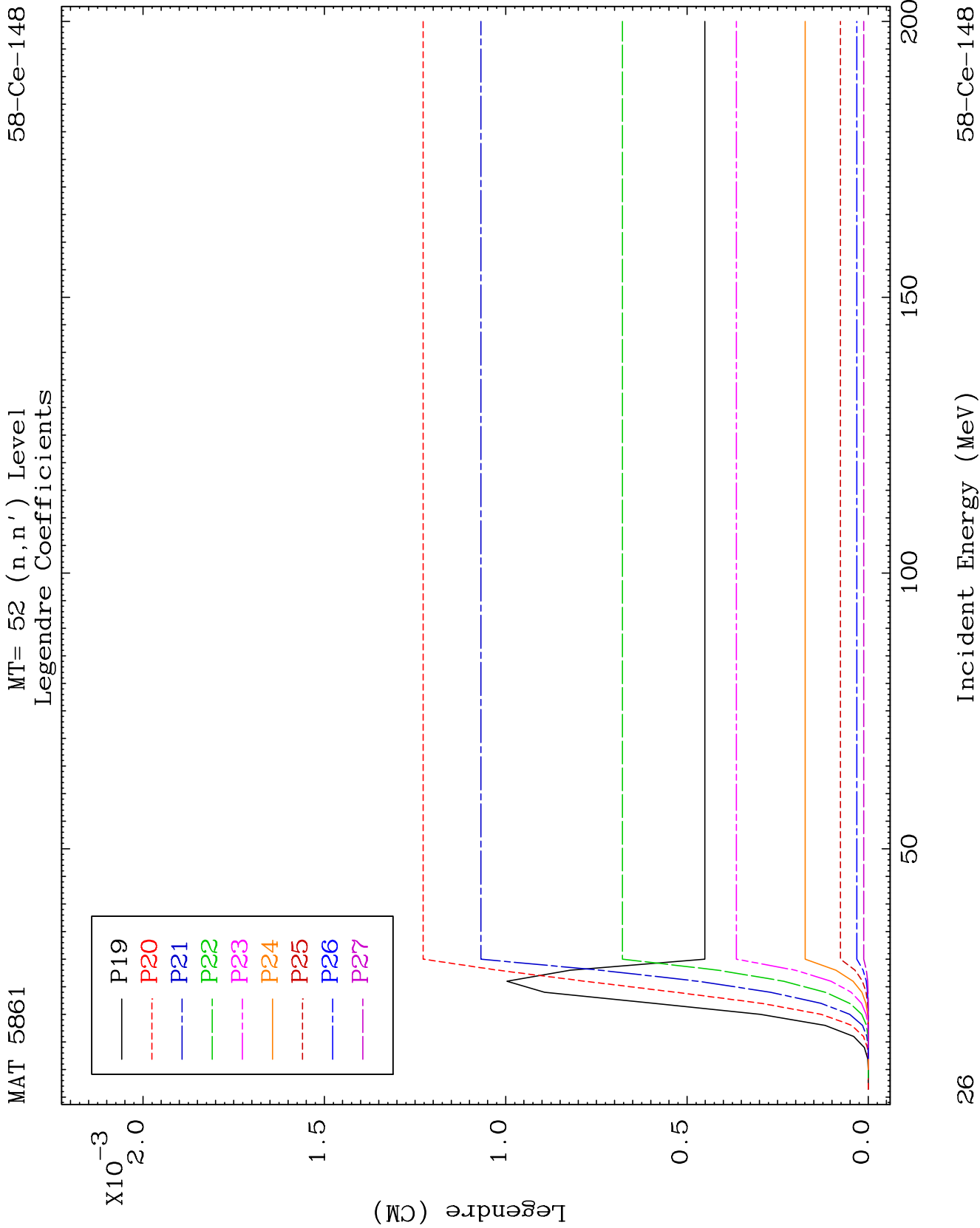


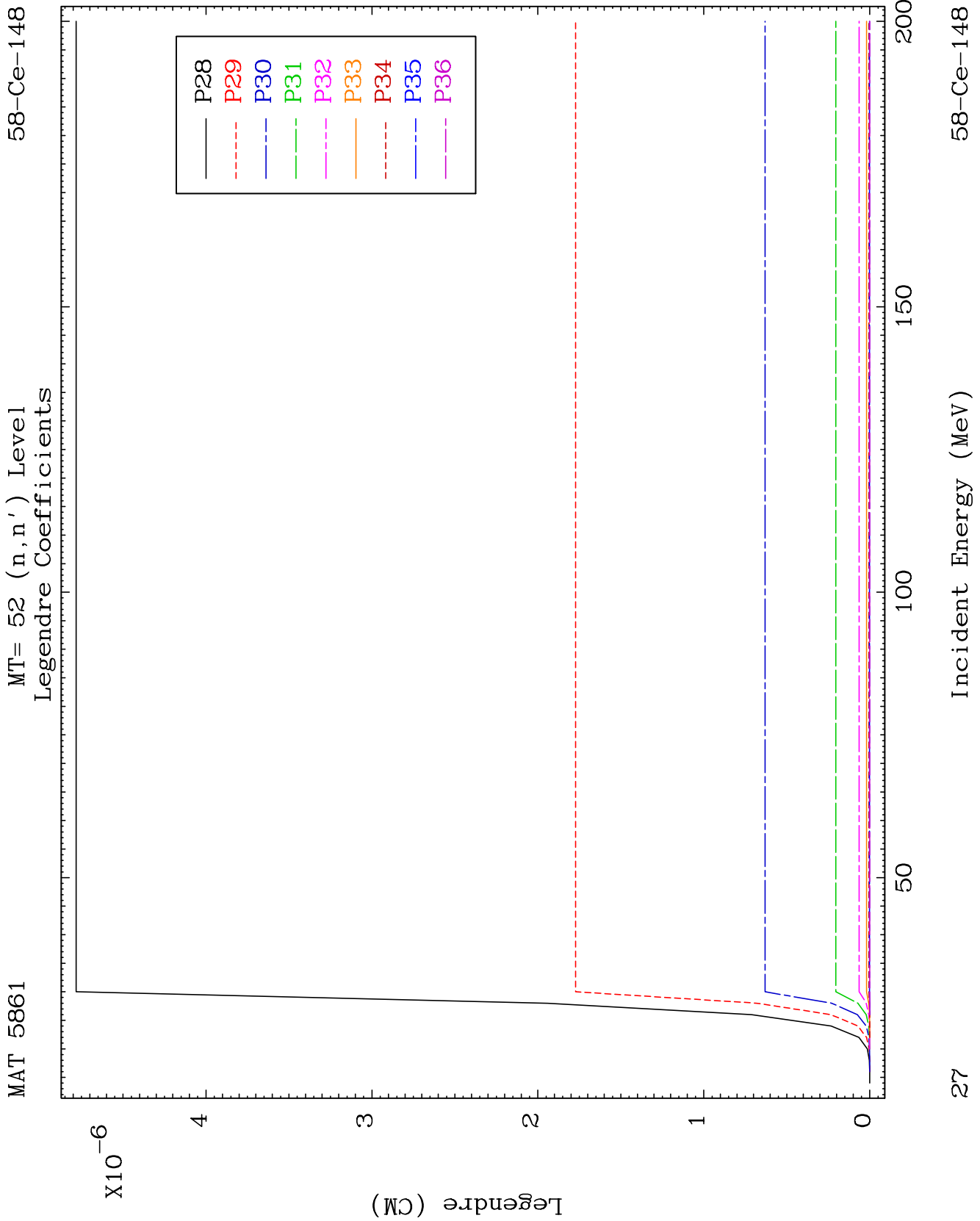
MAT 5861

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

58-Ce-148



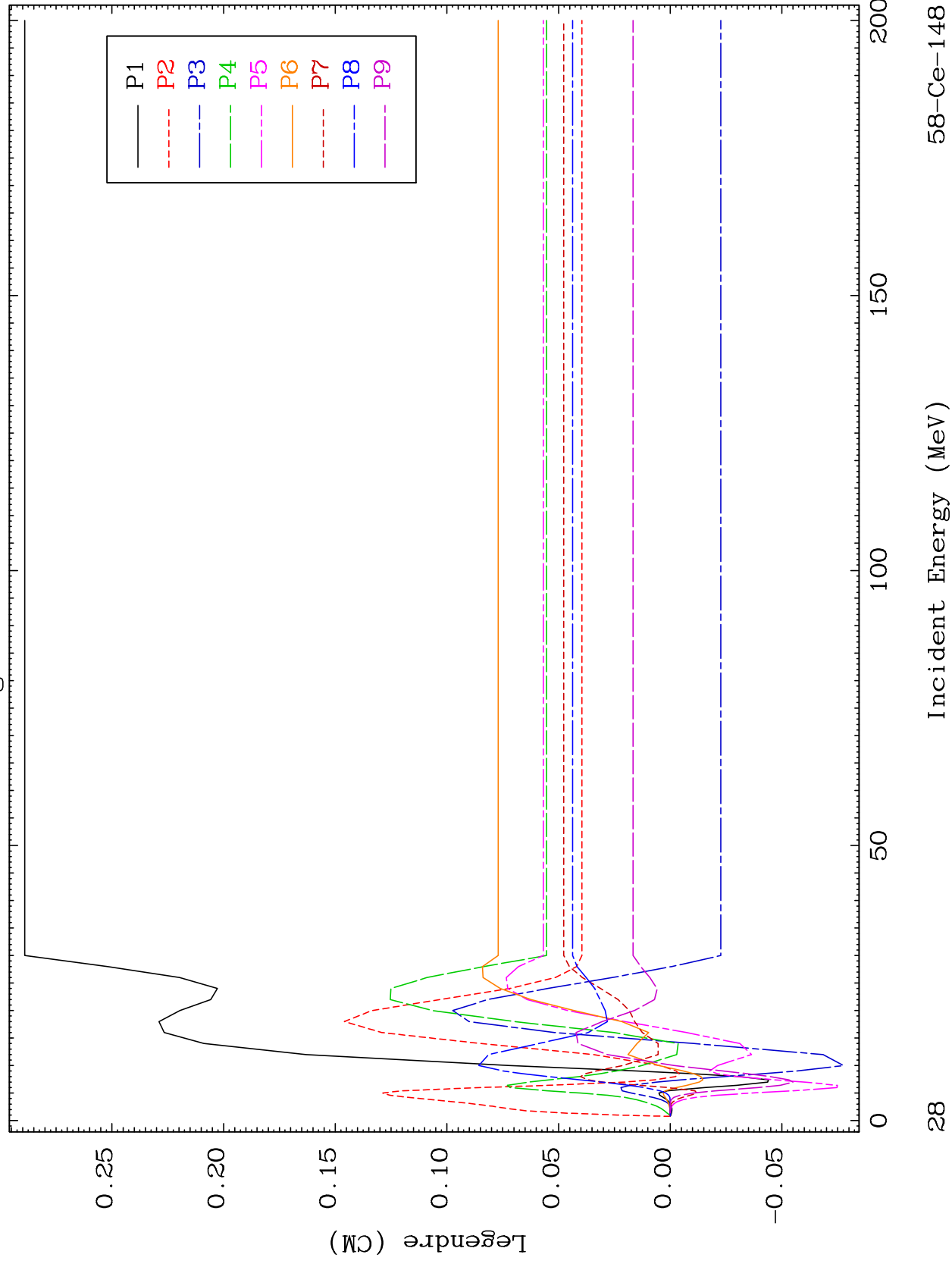


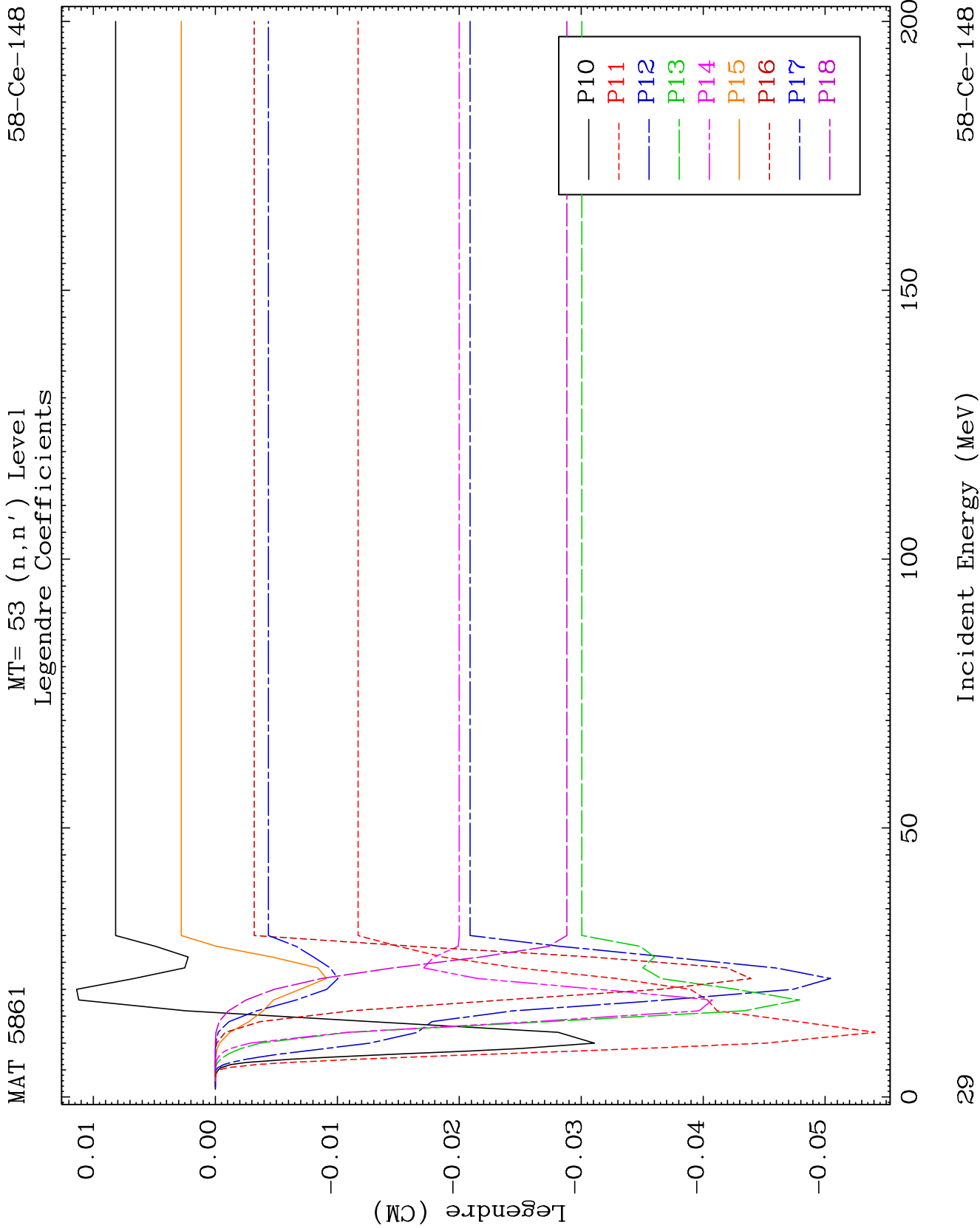


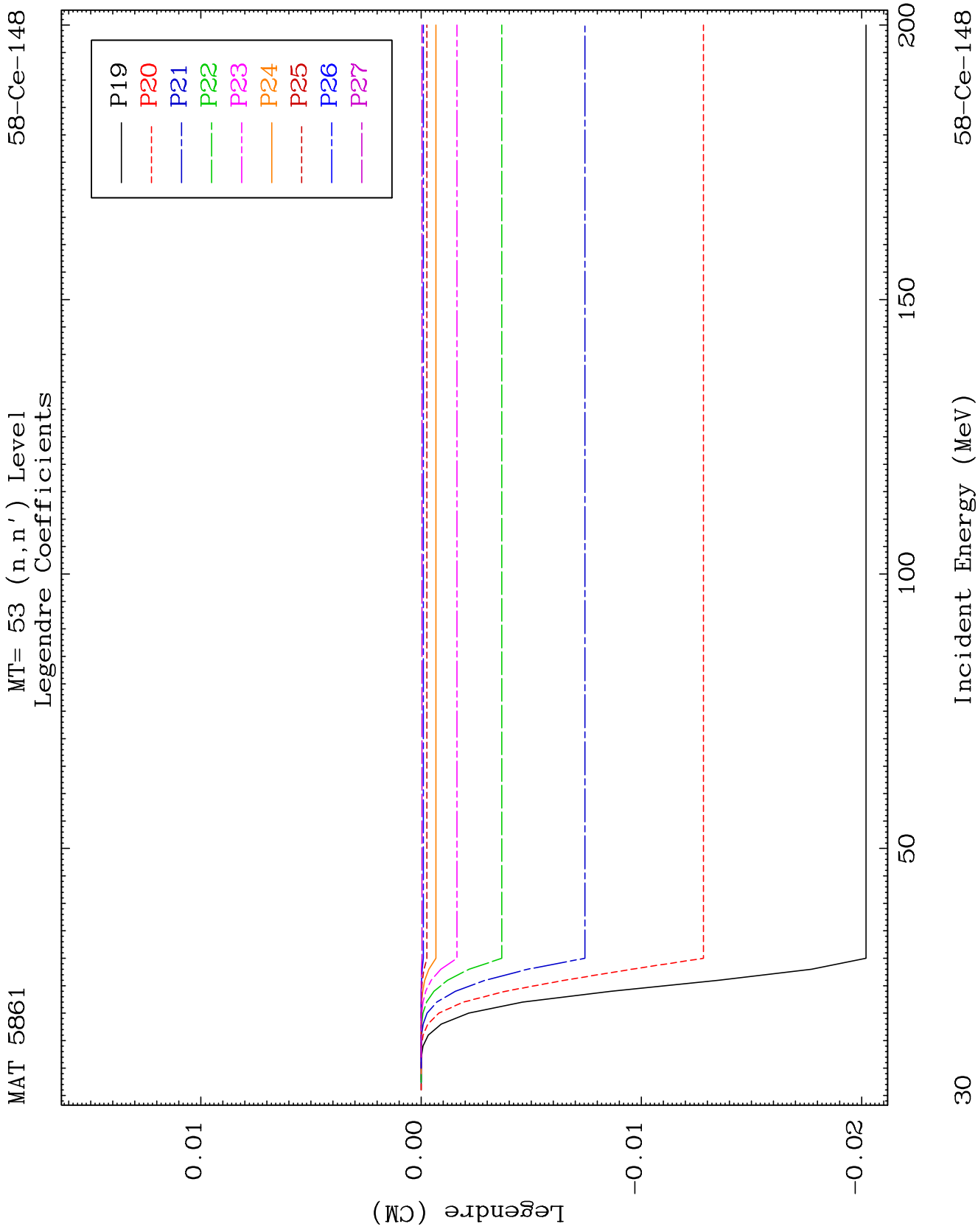
MAT 5861

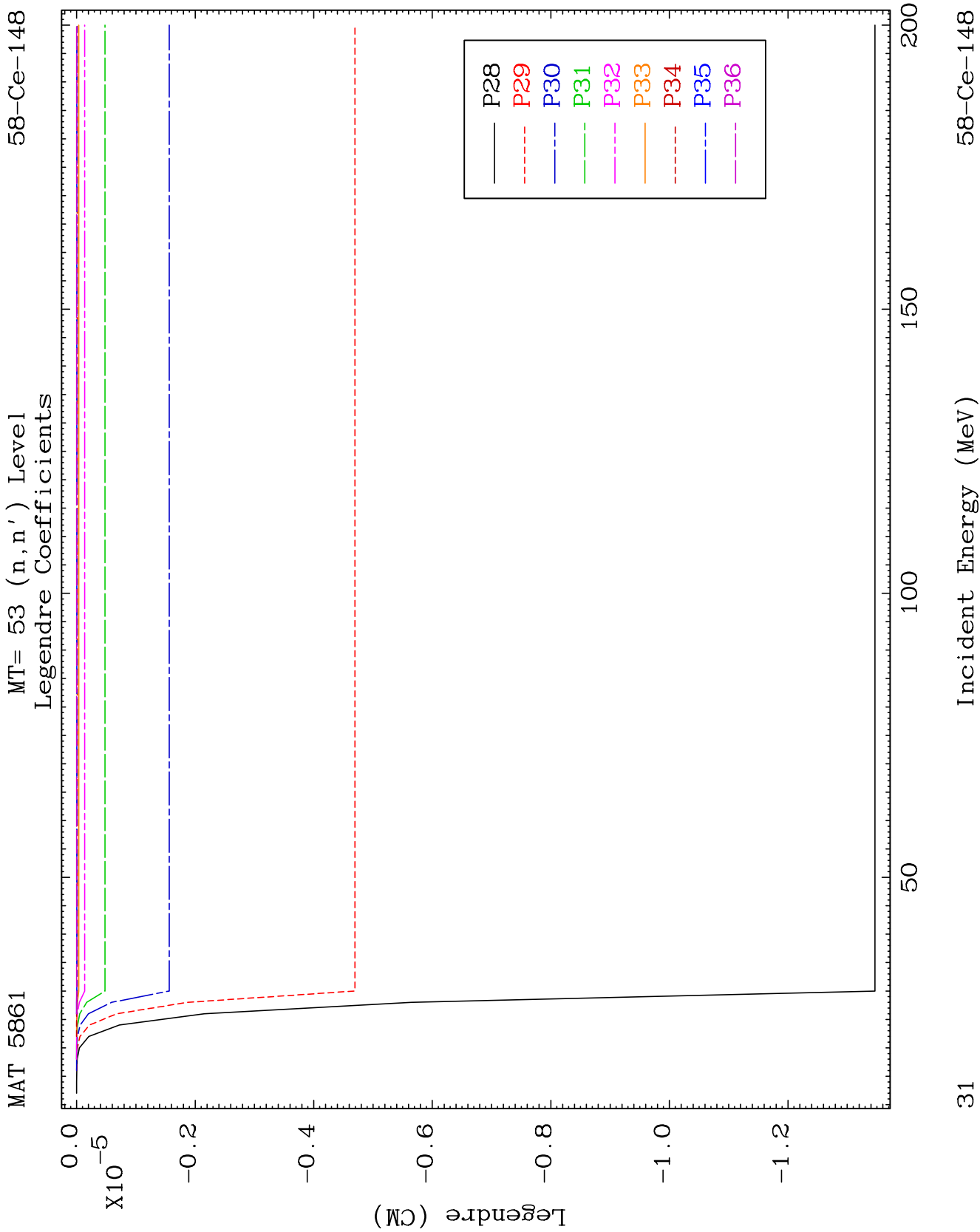
MT= 53 (n, n') Level
Legendre Coefficients

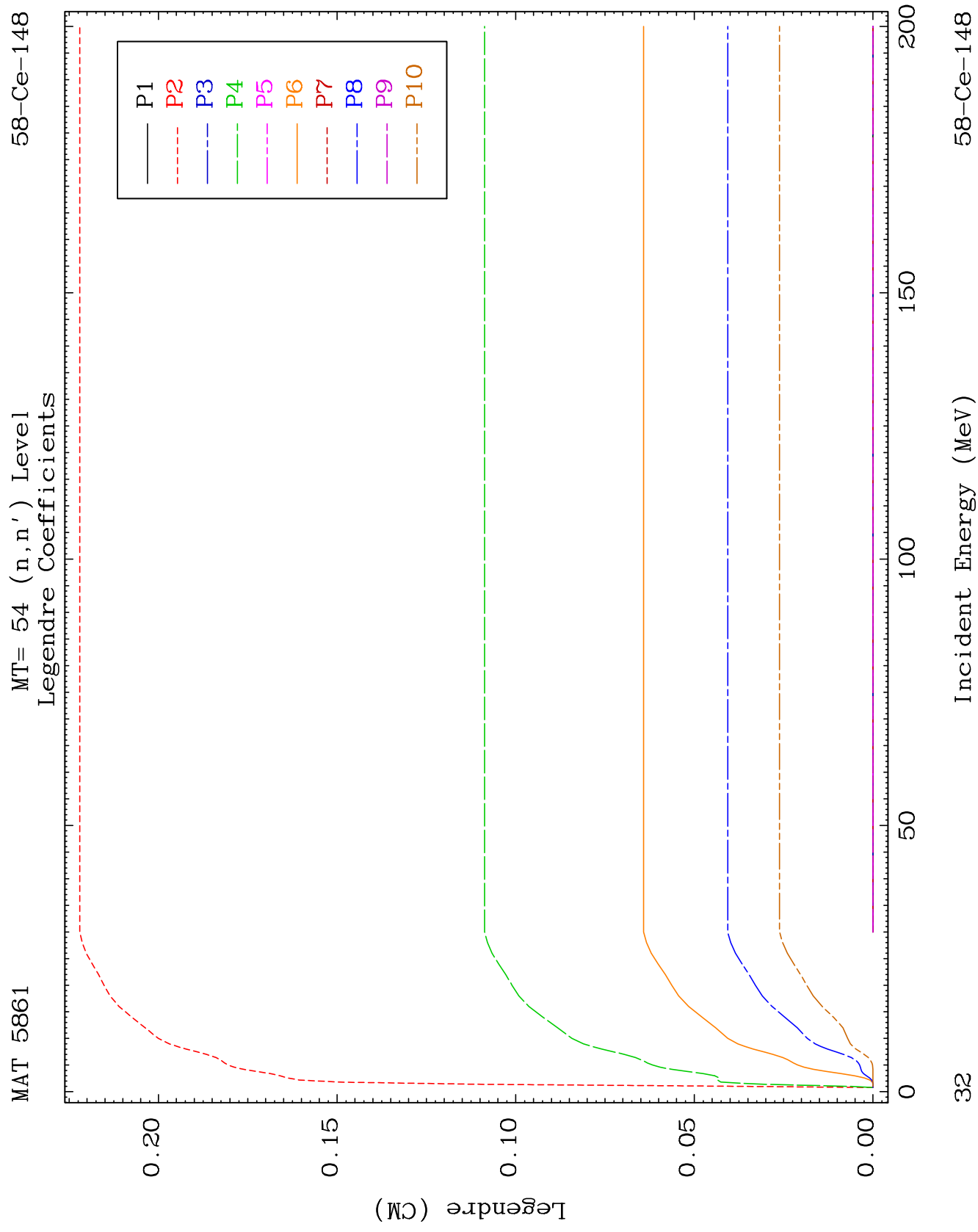
58-Ce-148







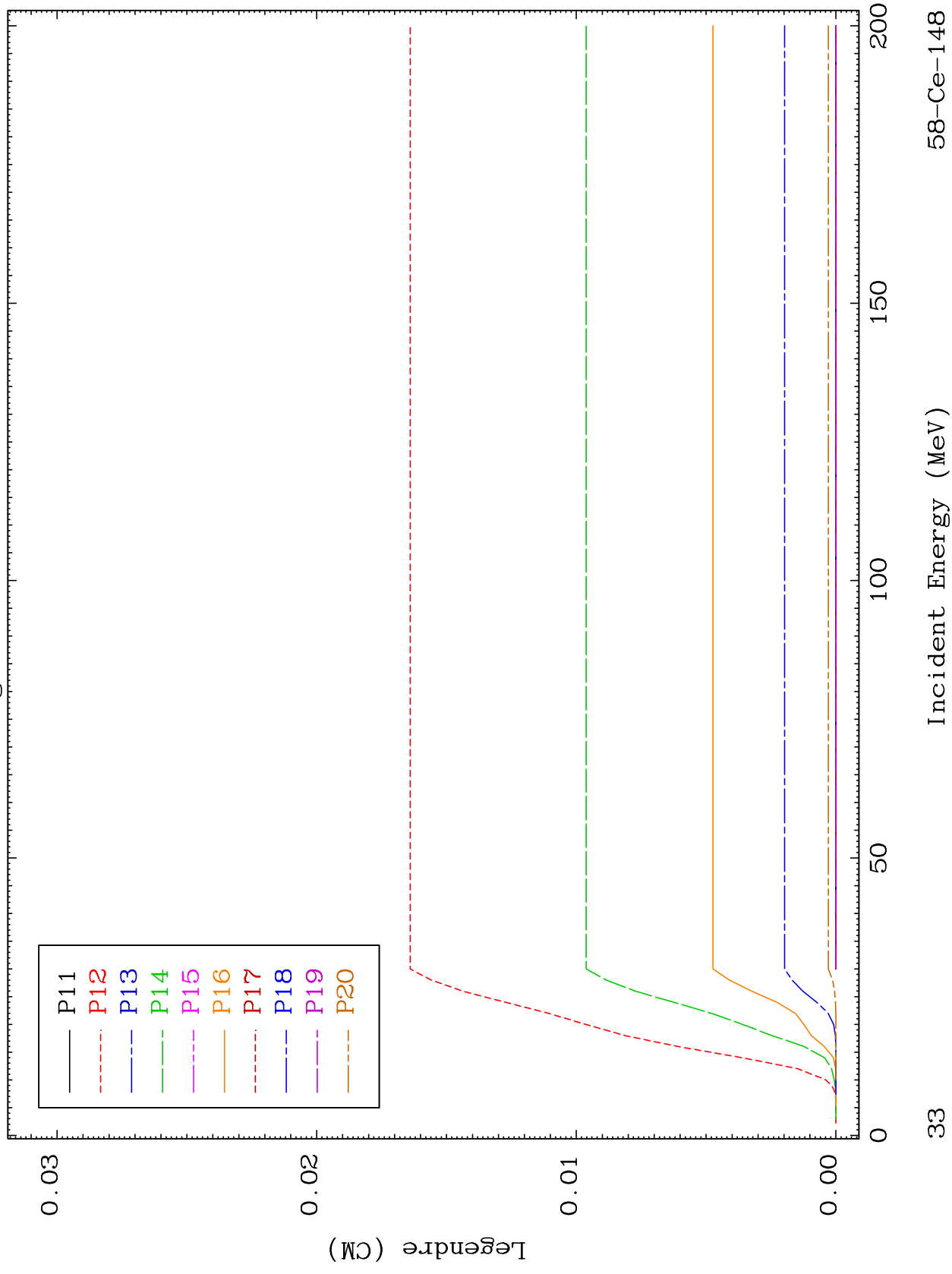


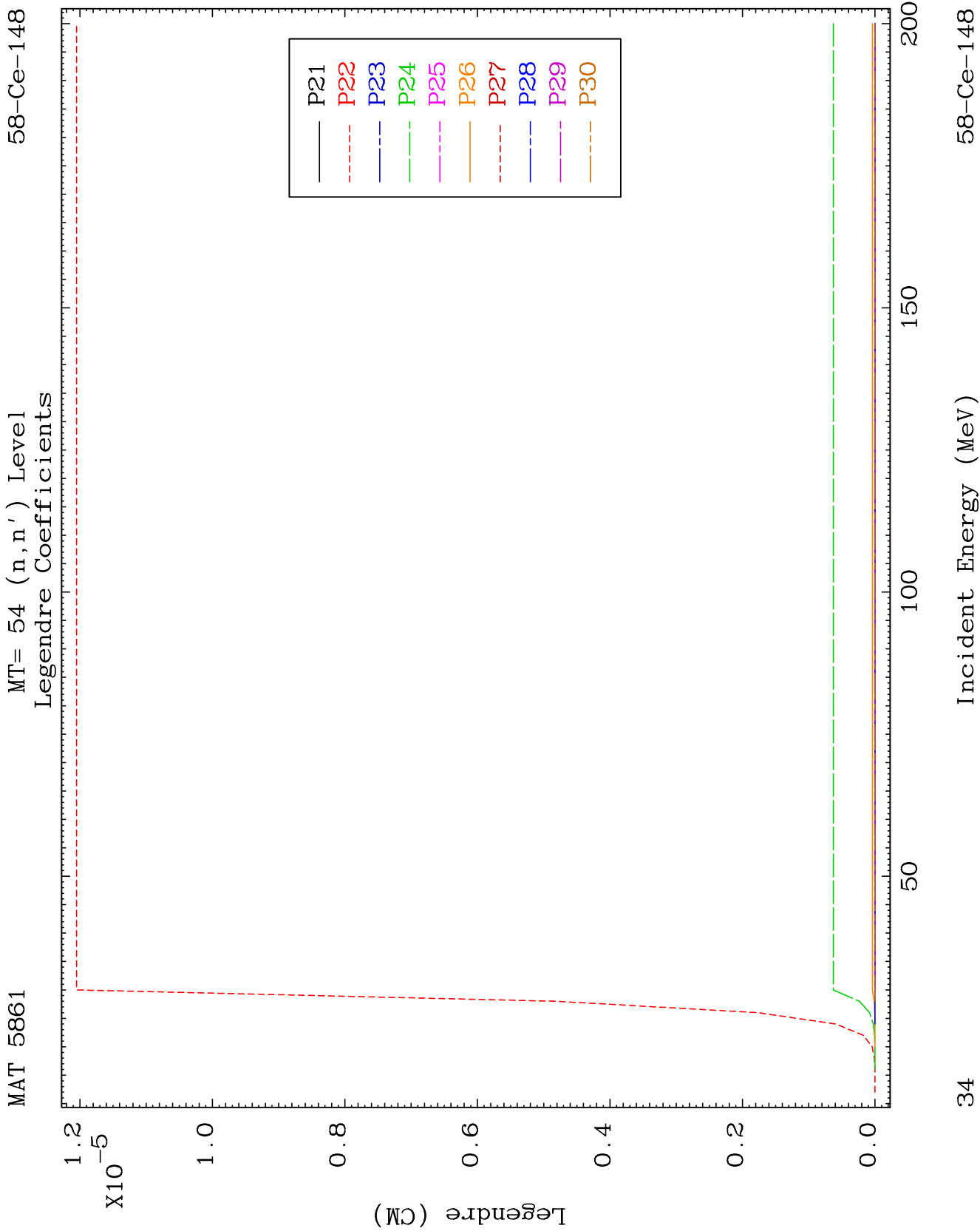


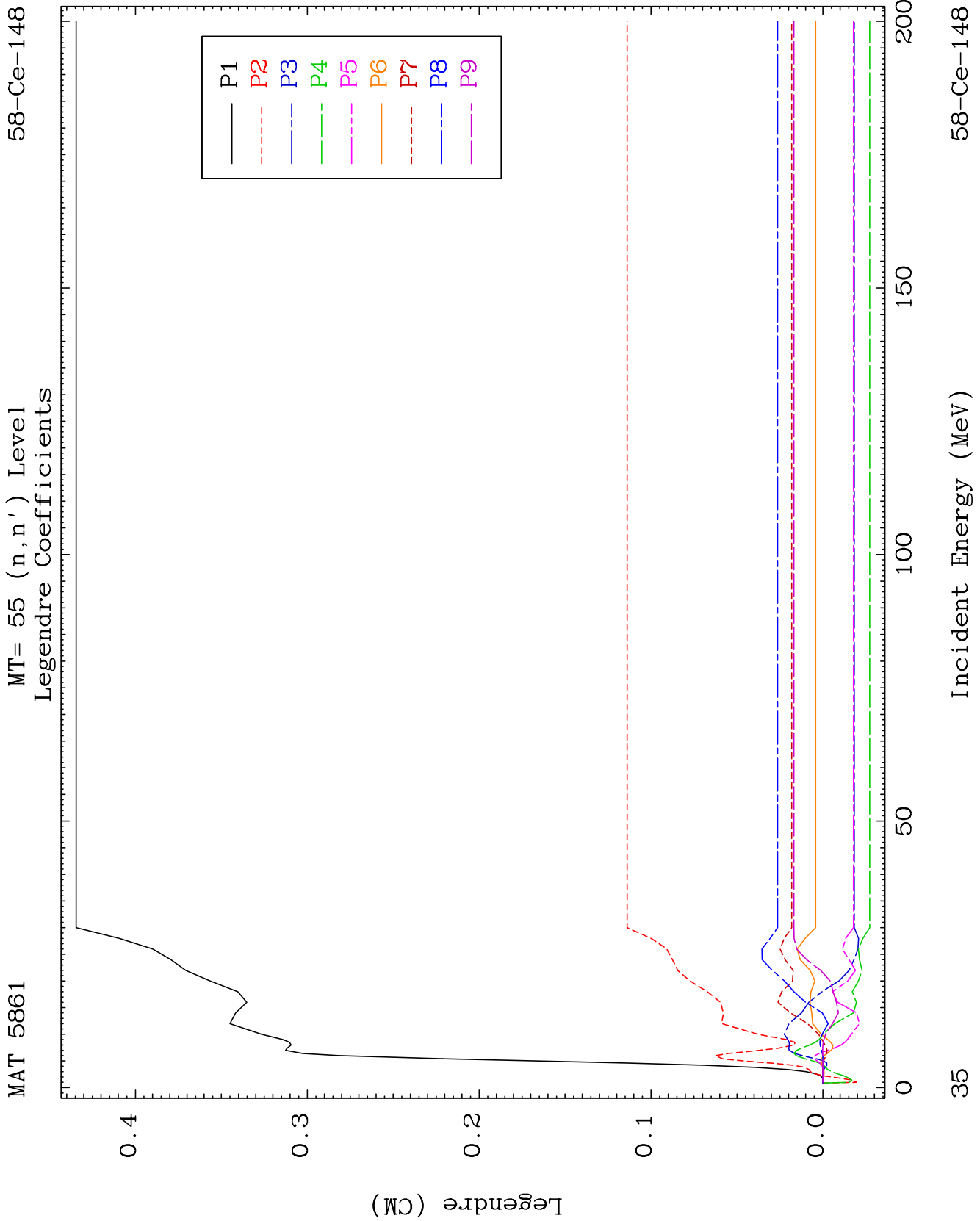
MAT 5861

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

58-Ce-148



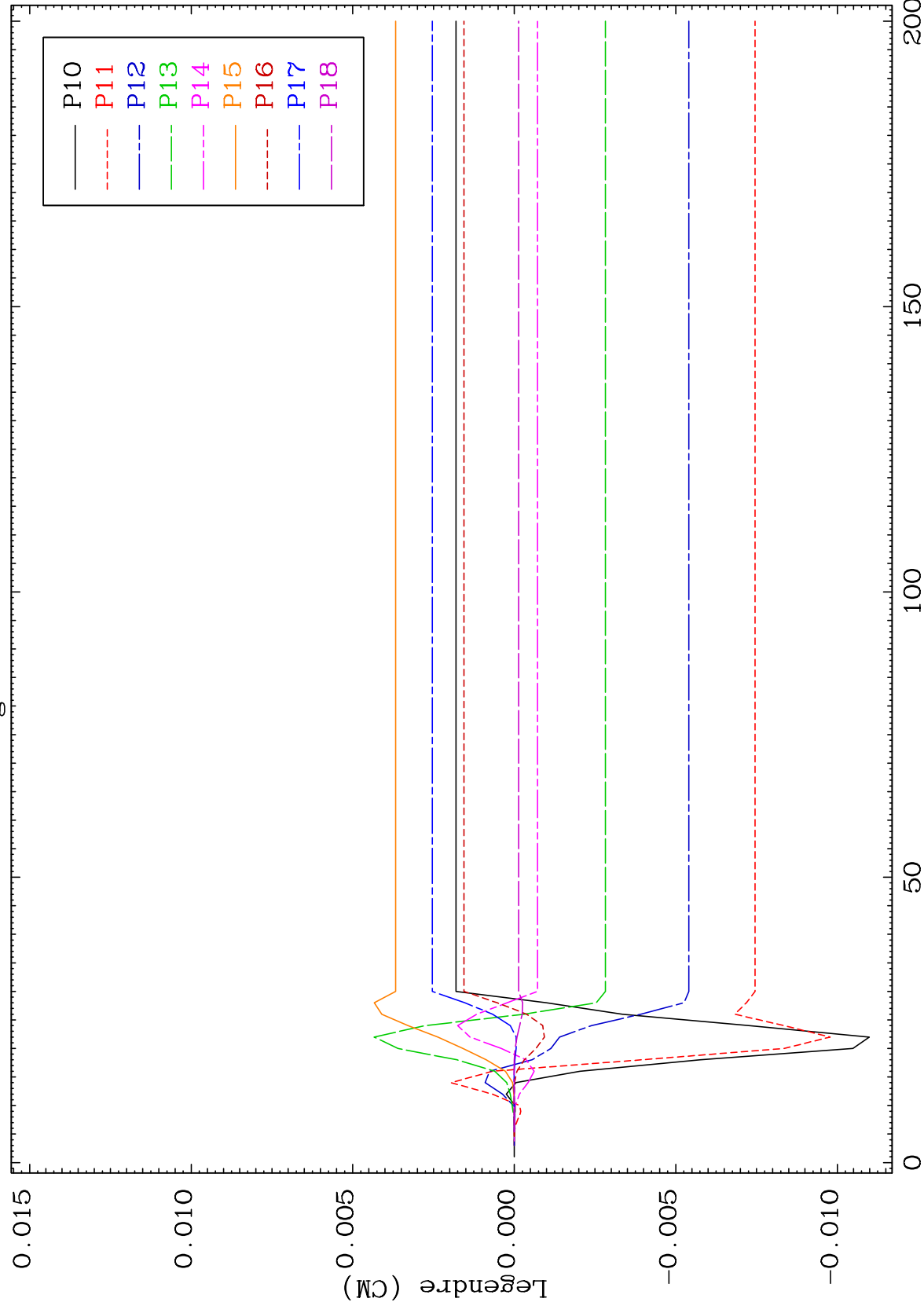




MAT 5861

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

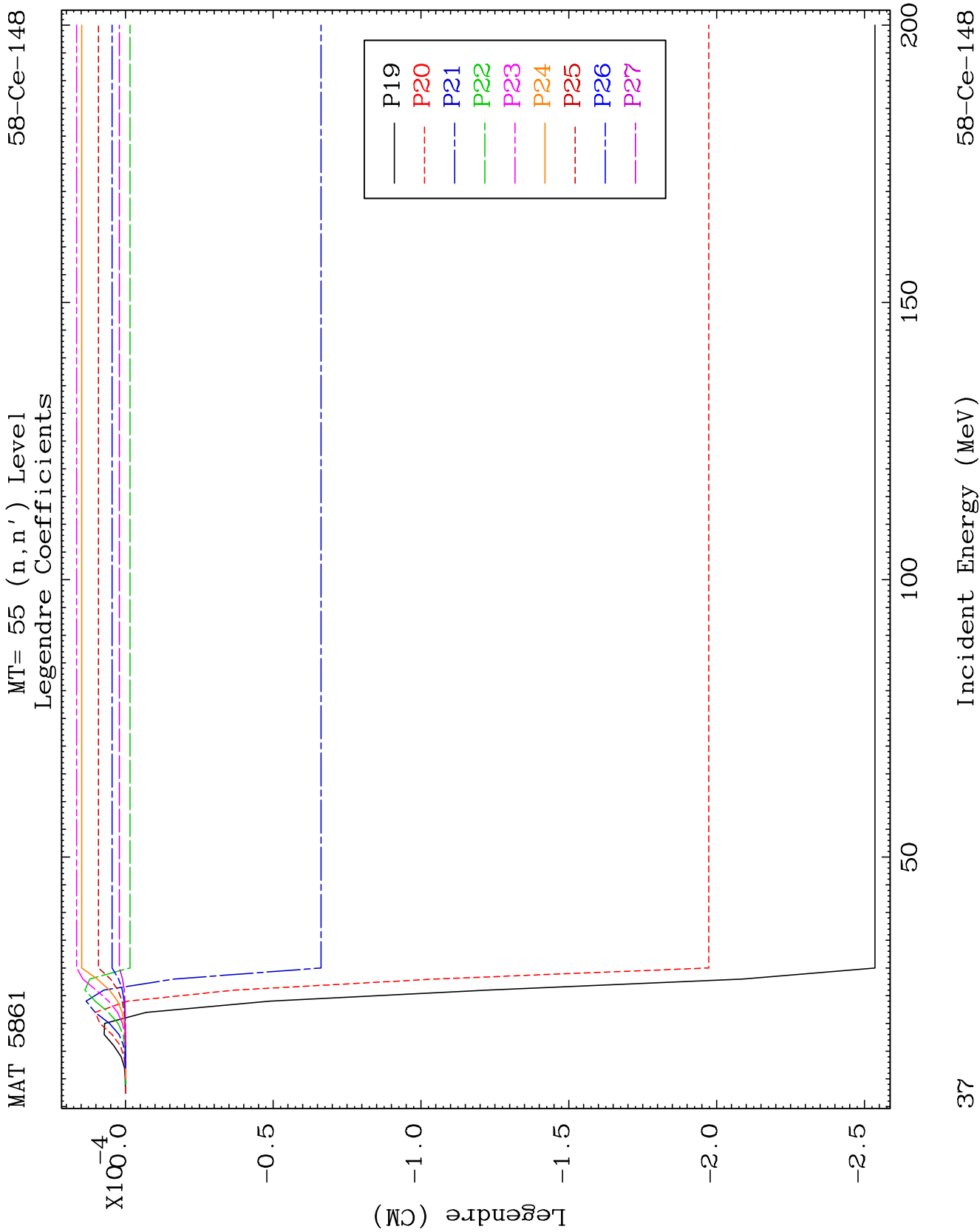
58-Ce-148

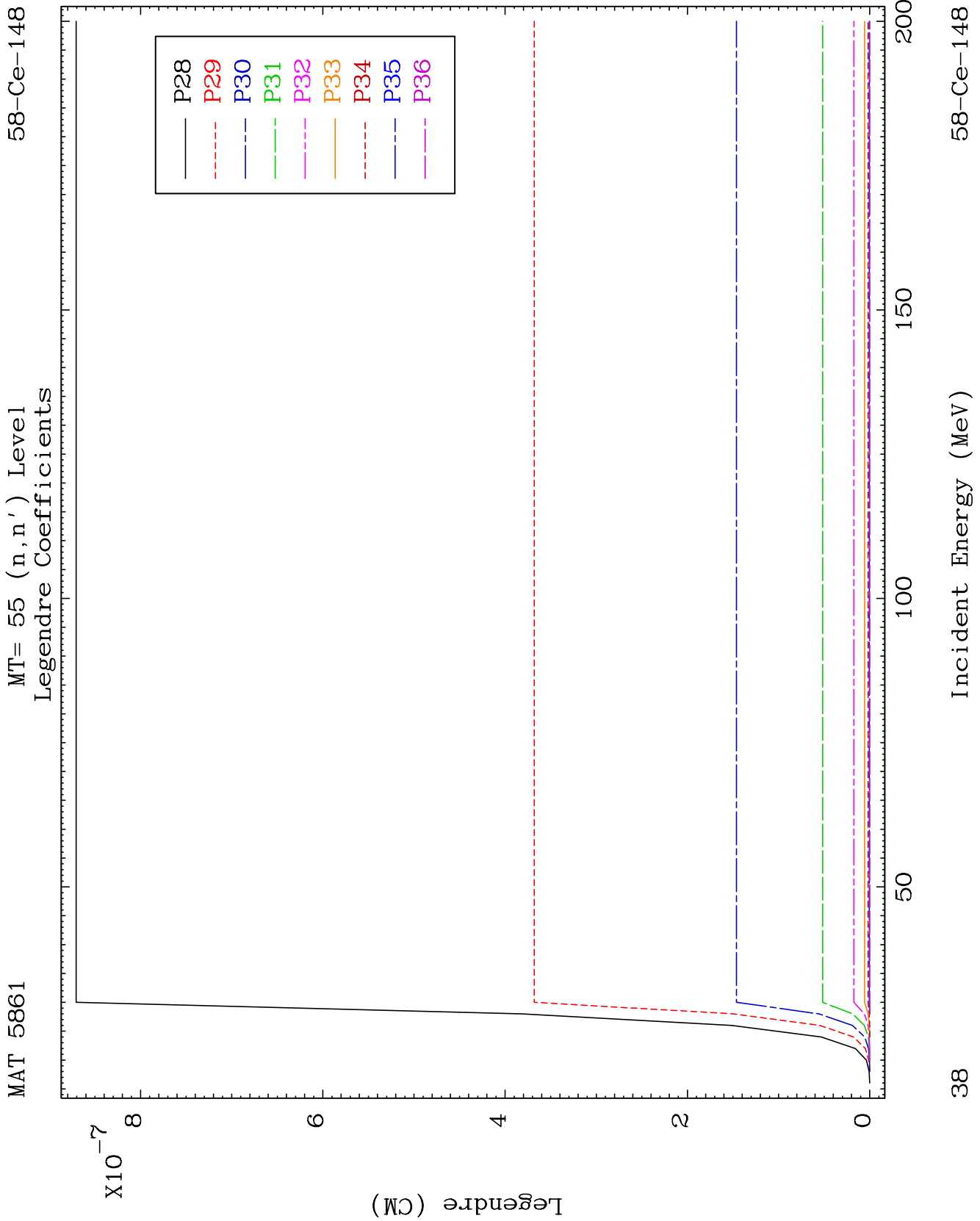


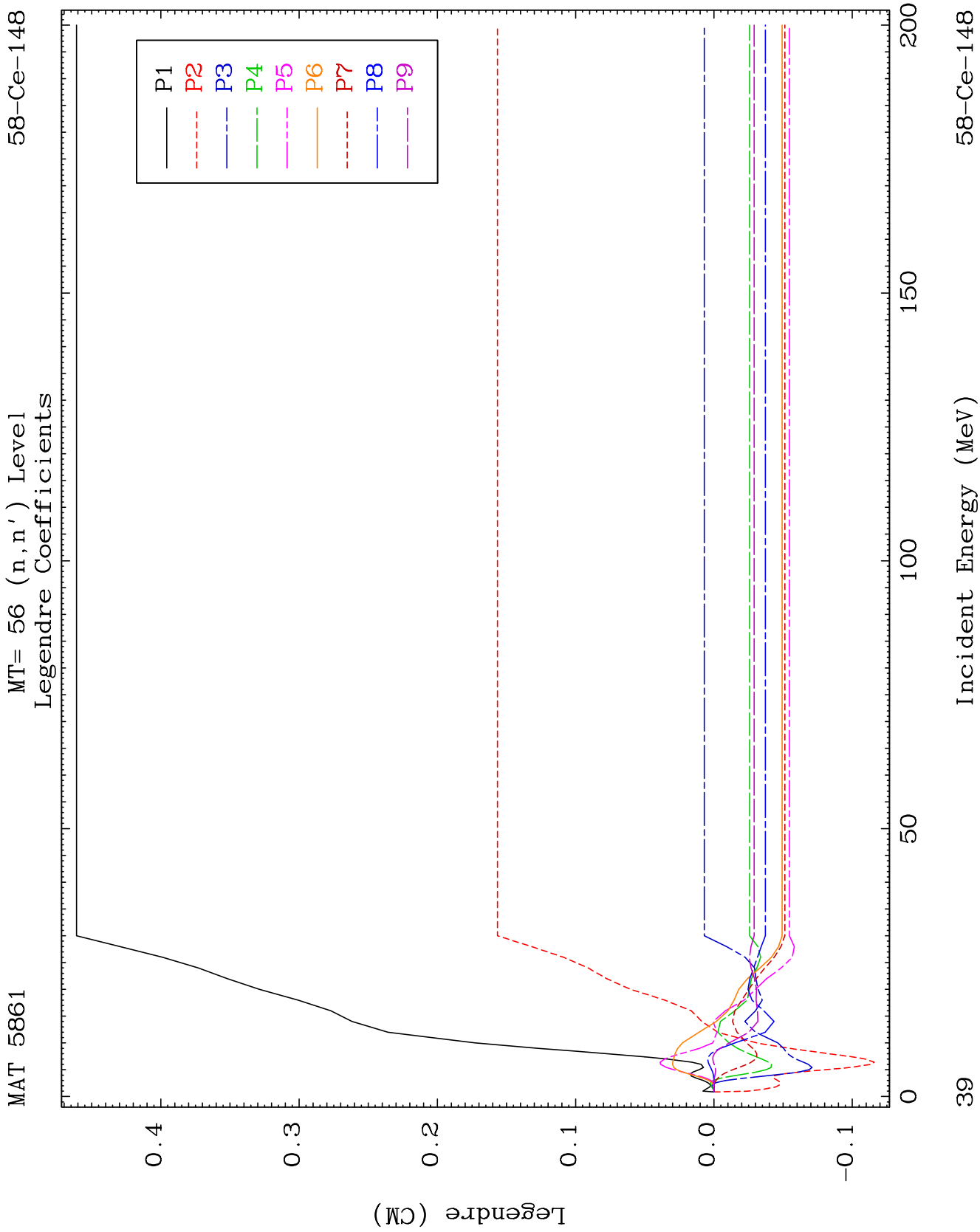
36

Incident Energy (MeV)

58-Ce-148



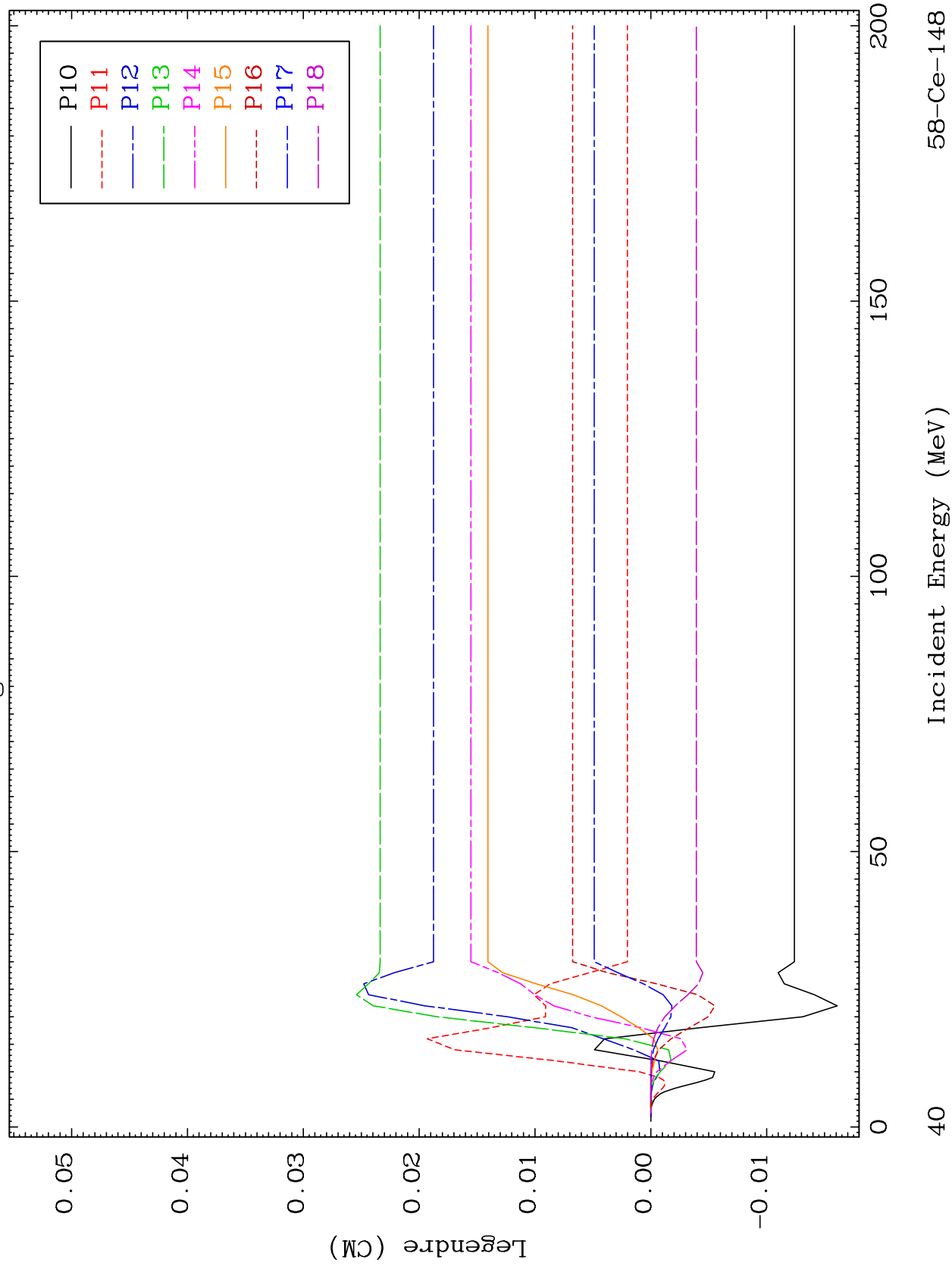




MAT 5861

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

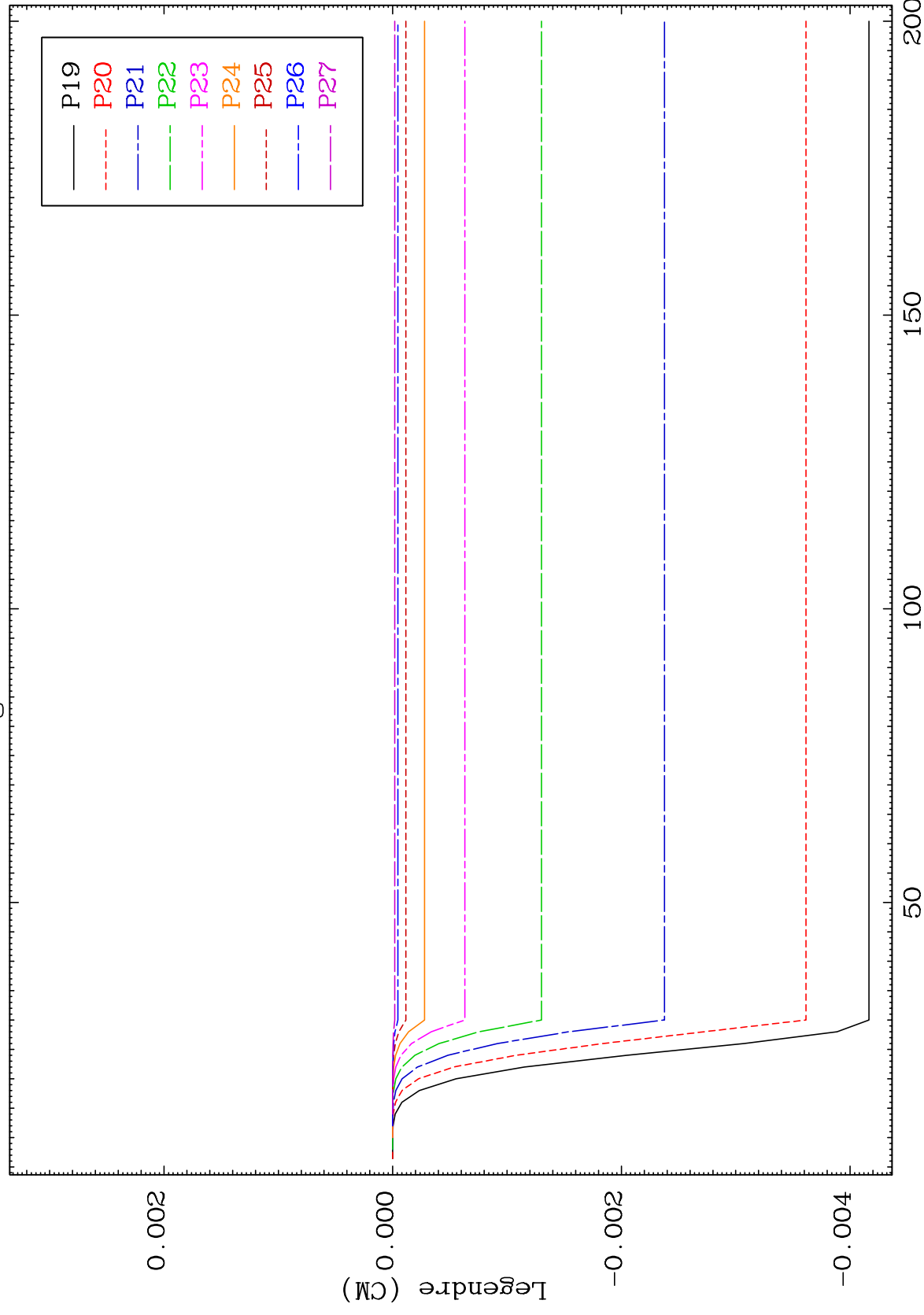
58-Ce-148



MAT 5861

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

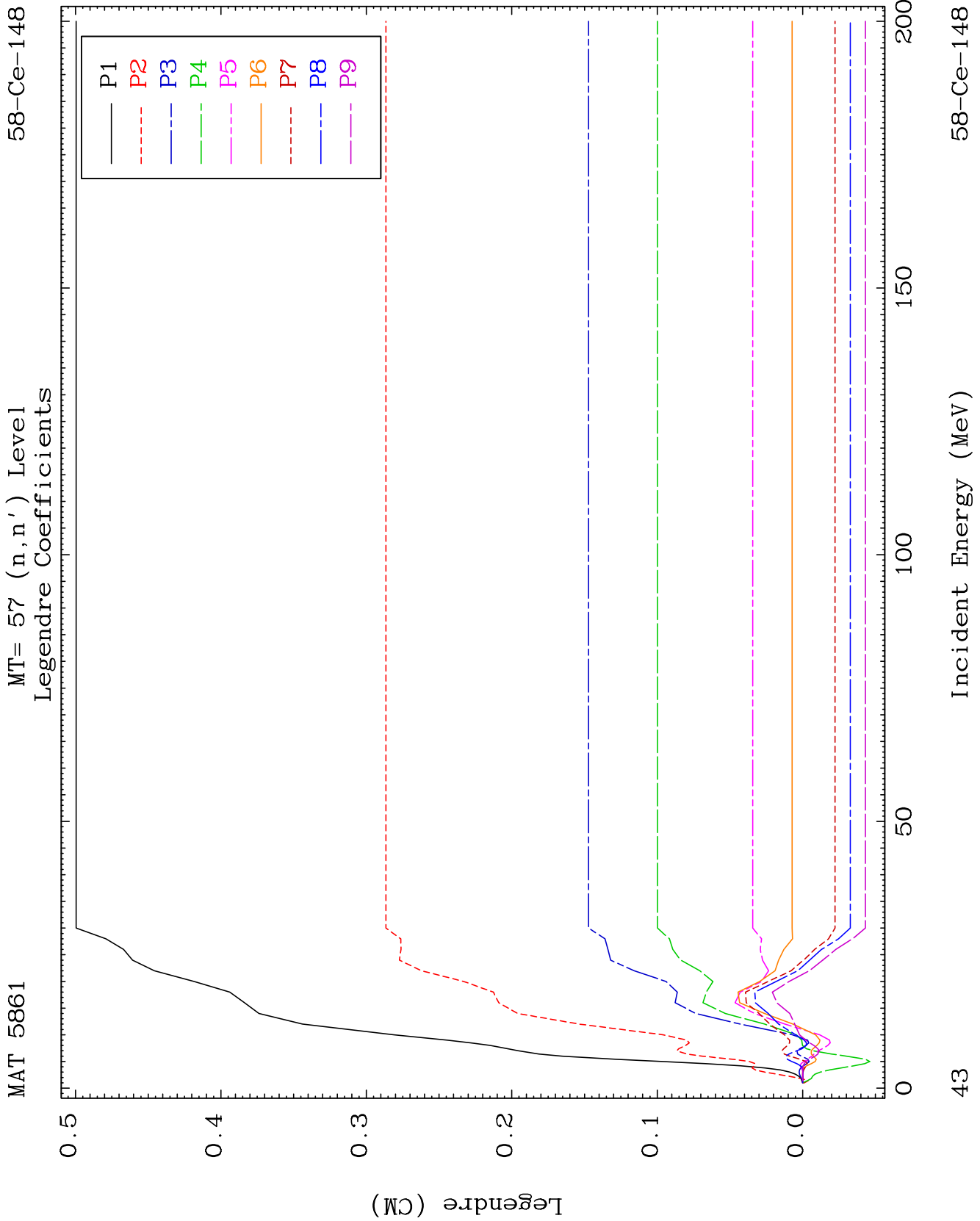
58-Ce-148

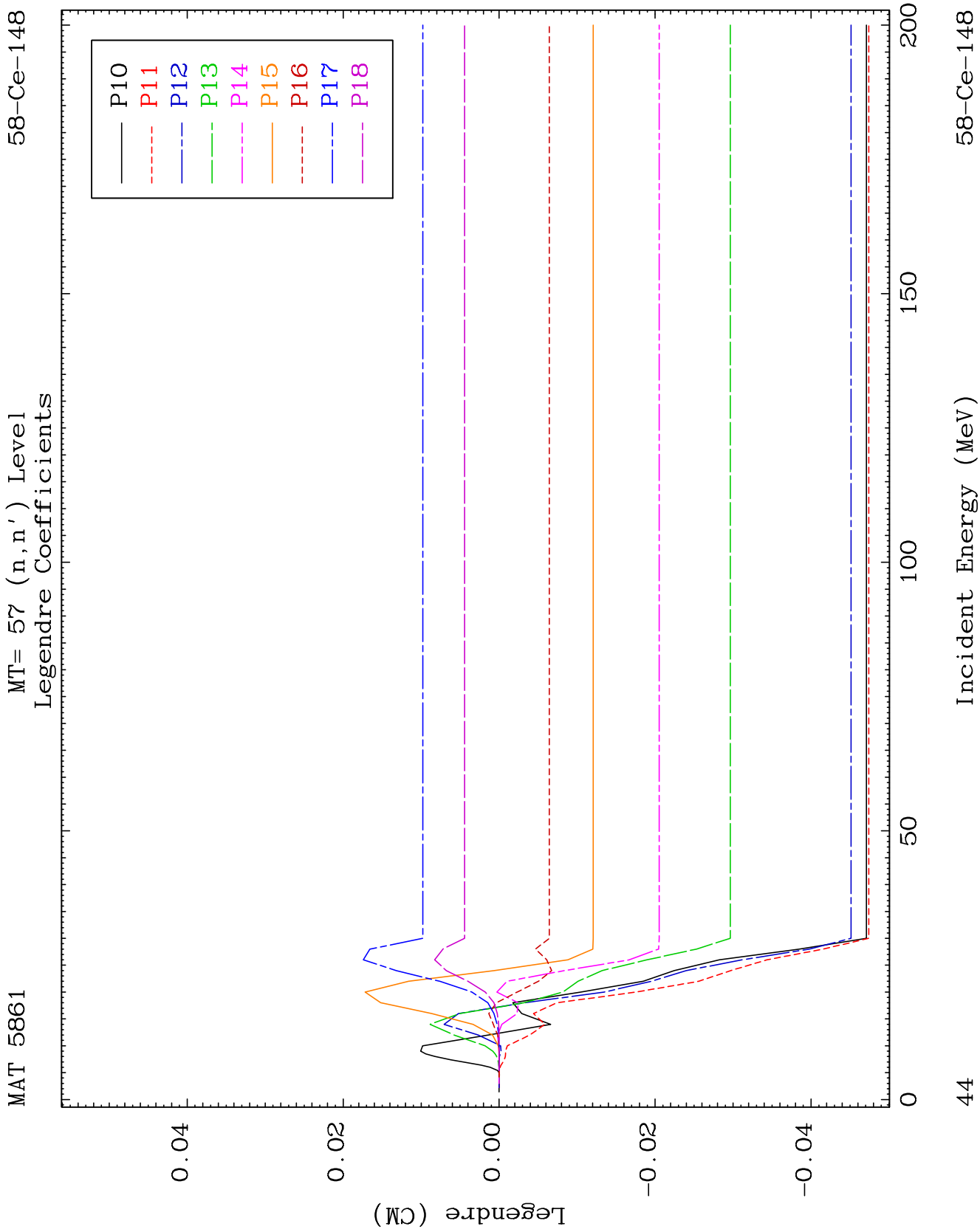


41

Incident Energy (MeV)

58-Ce-148

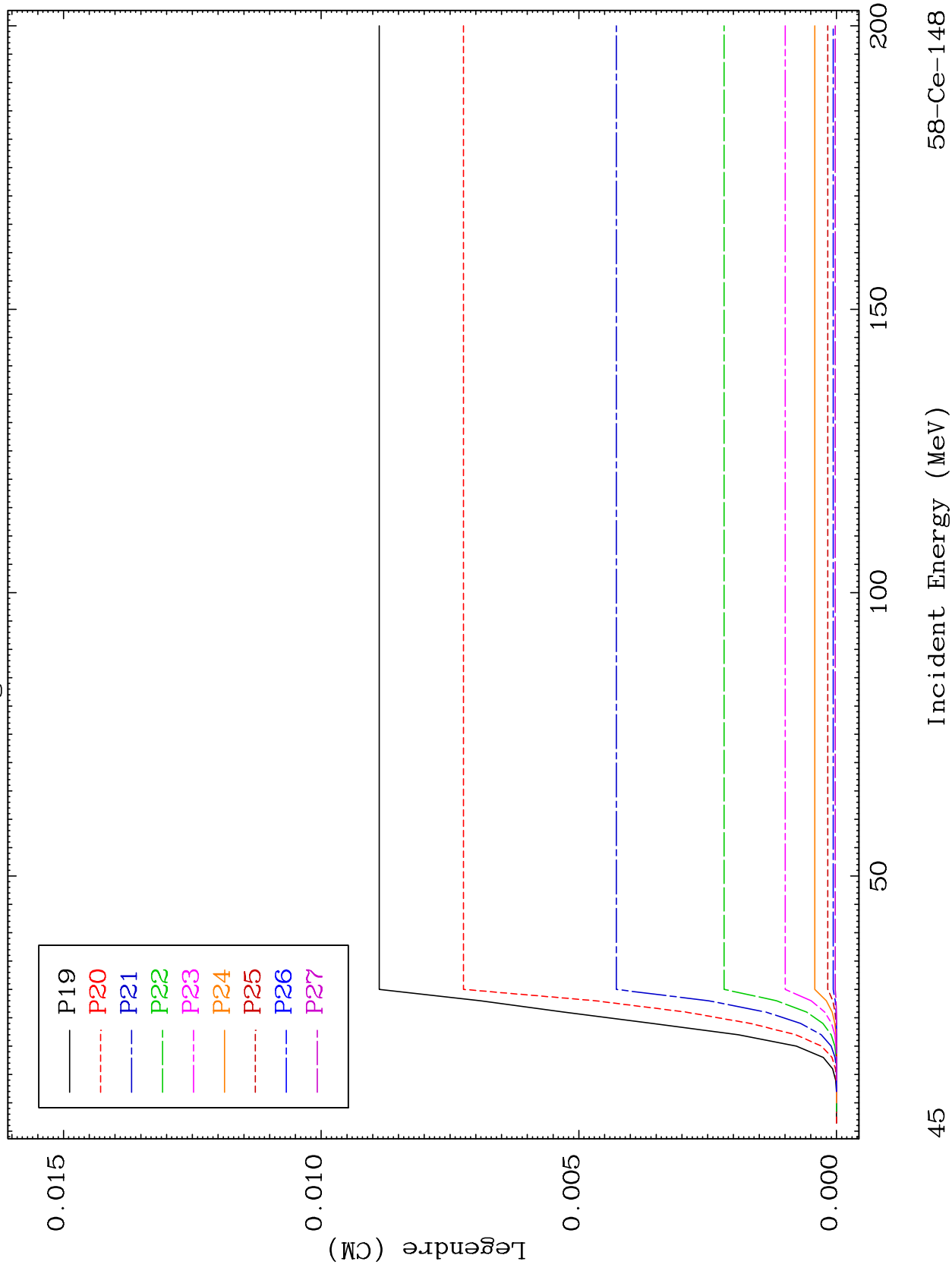


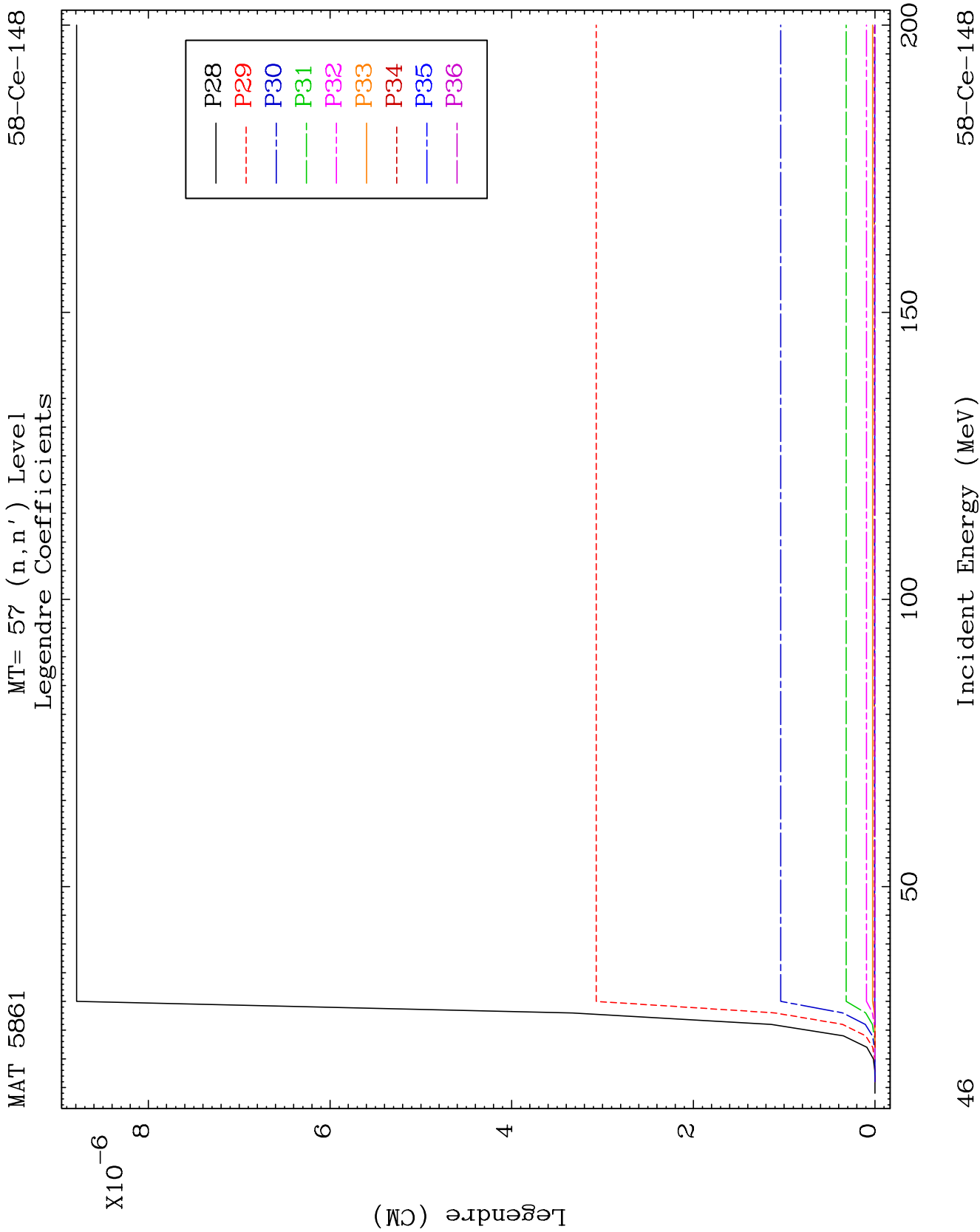


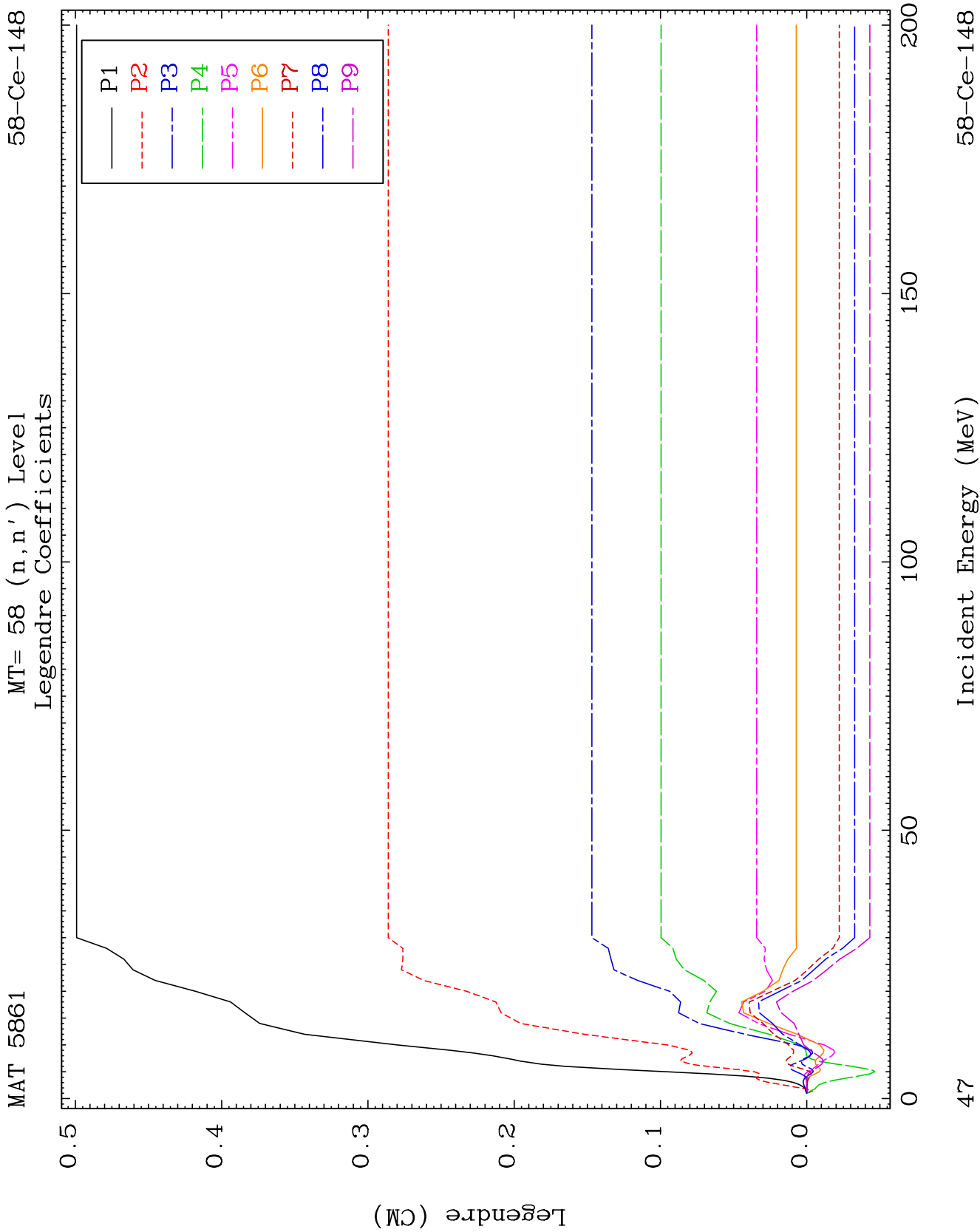
MAT 5861

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

58-Ce-148



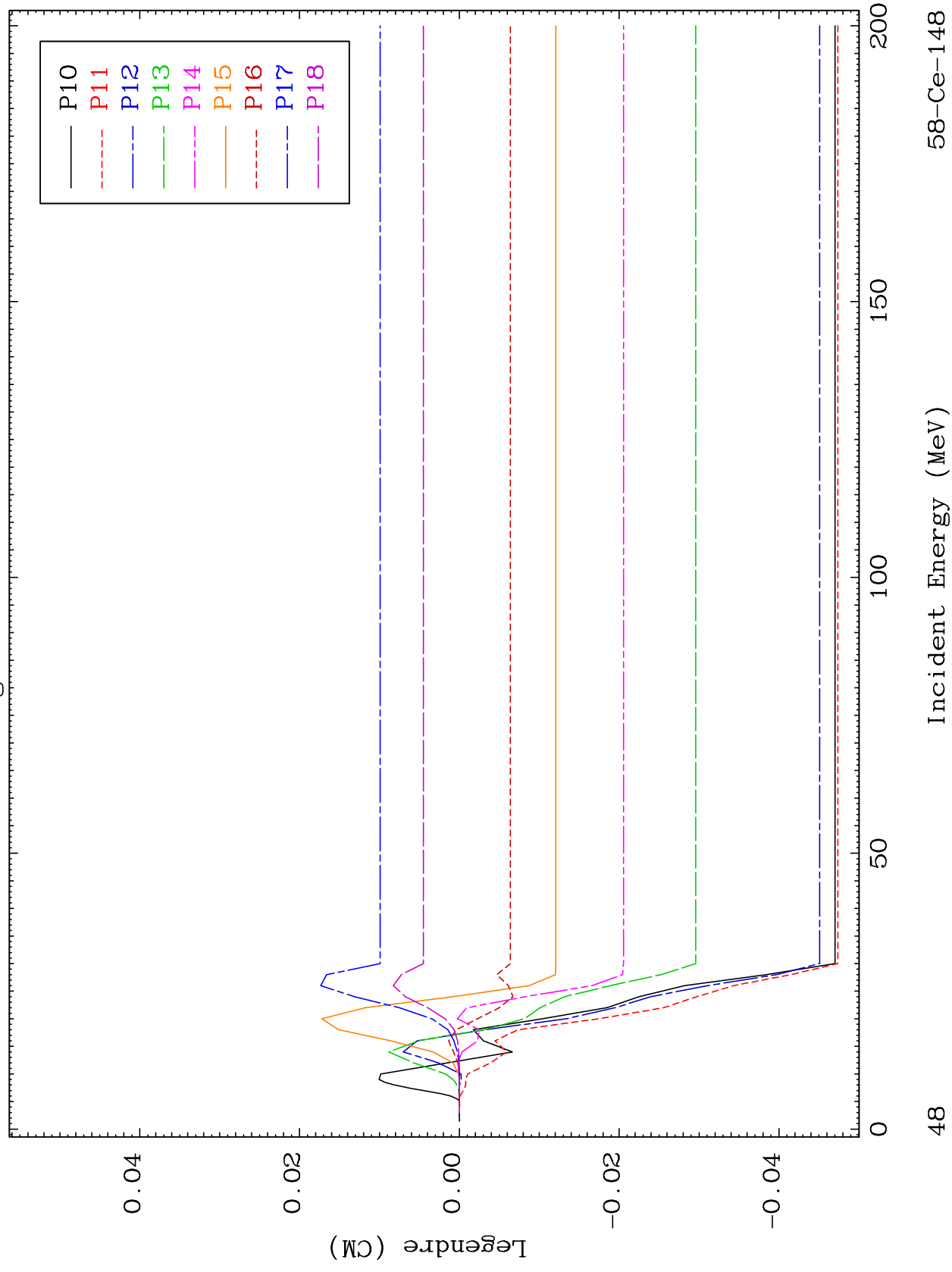




MAT 5861

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

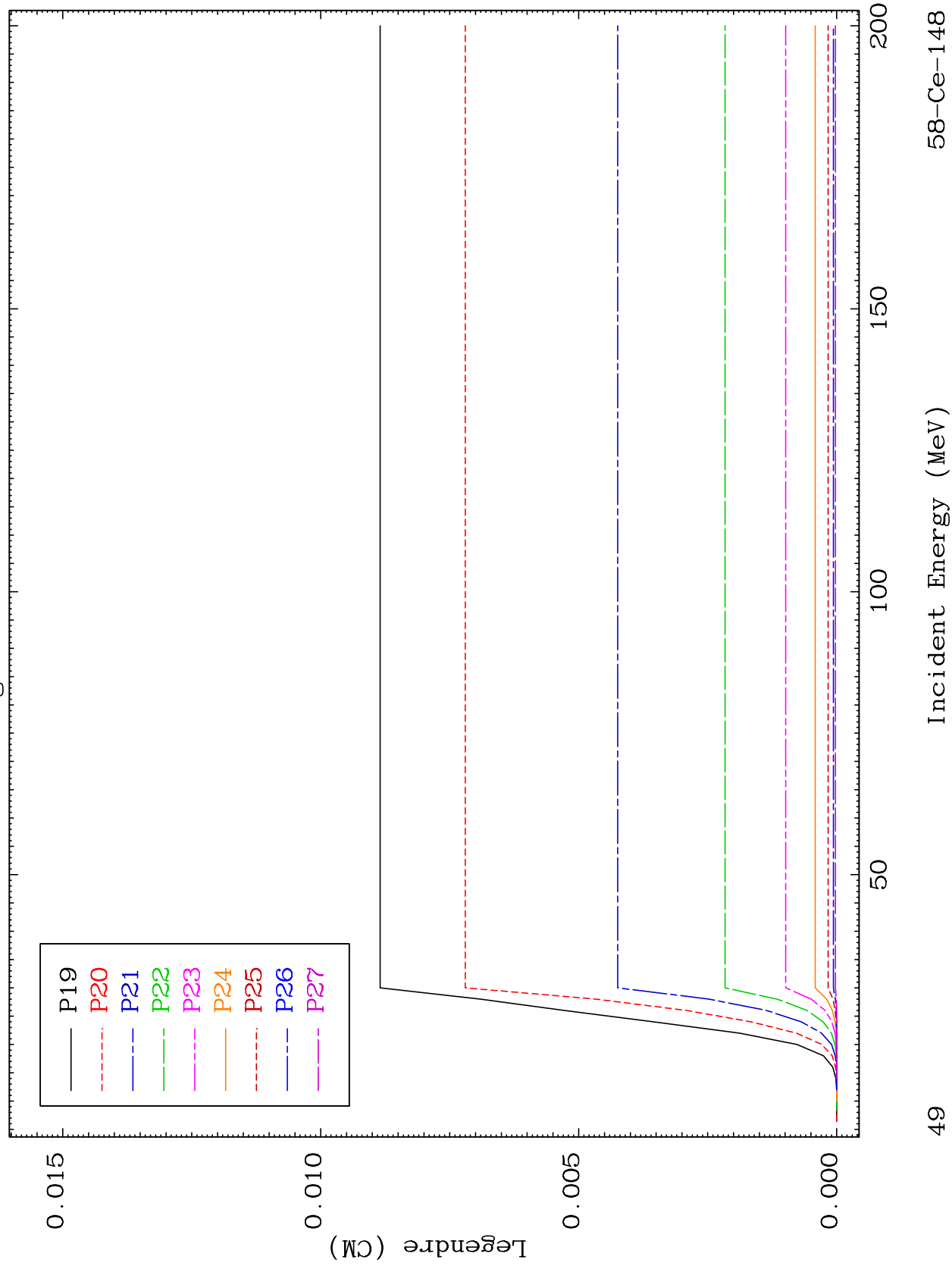
58-Ce-148

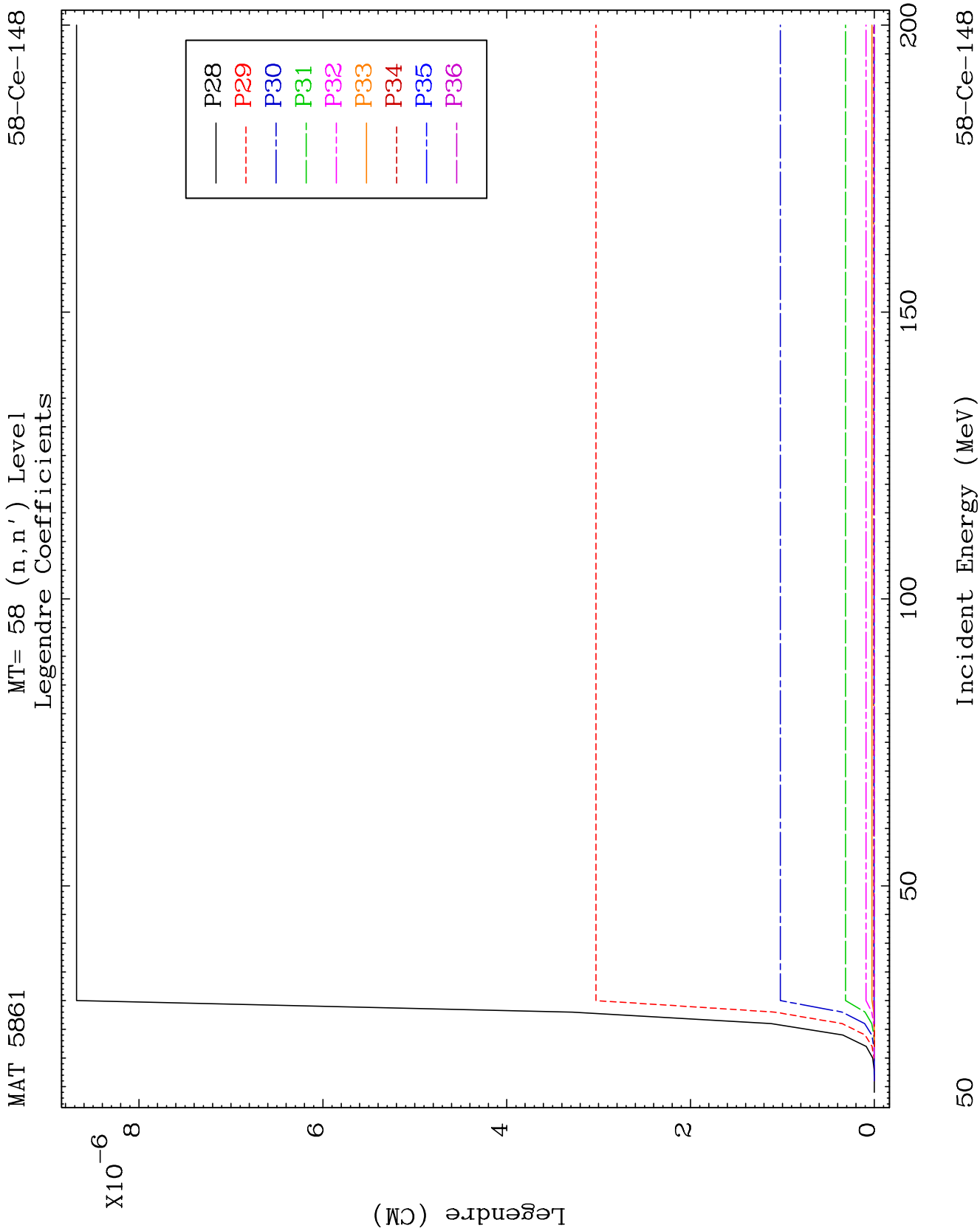


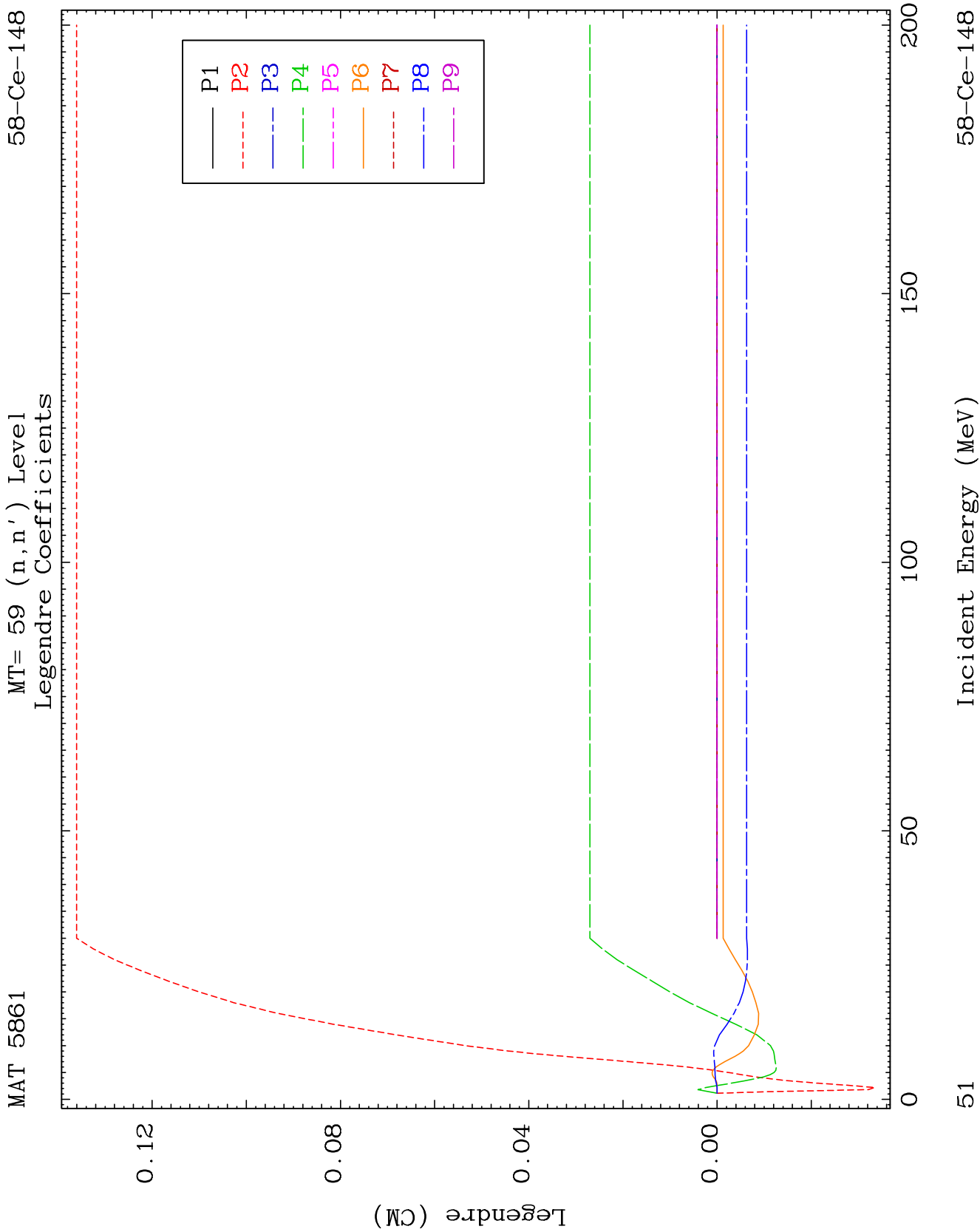
MAT 5861

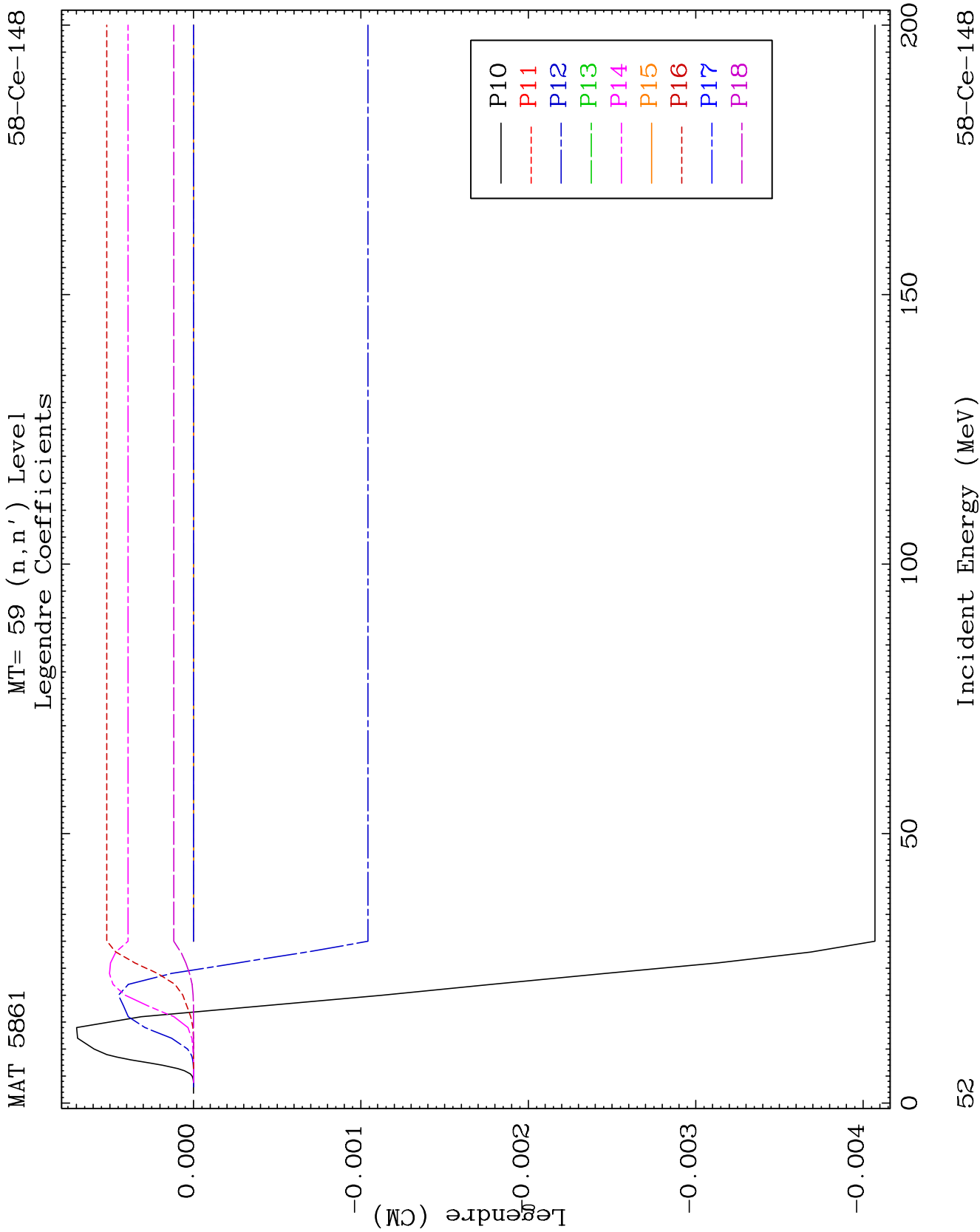
MT= 58 (n, n') Level
Legendre Coefficients

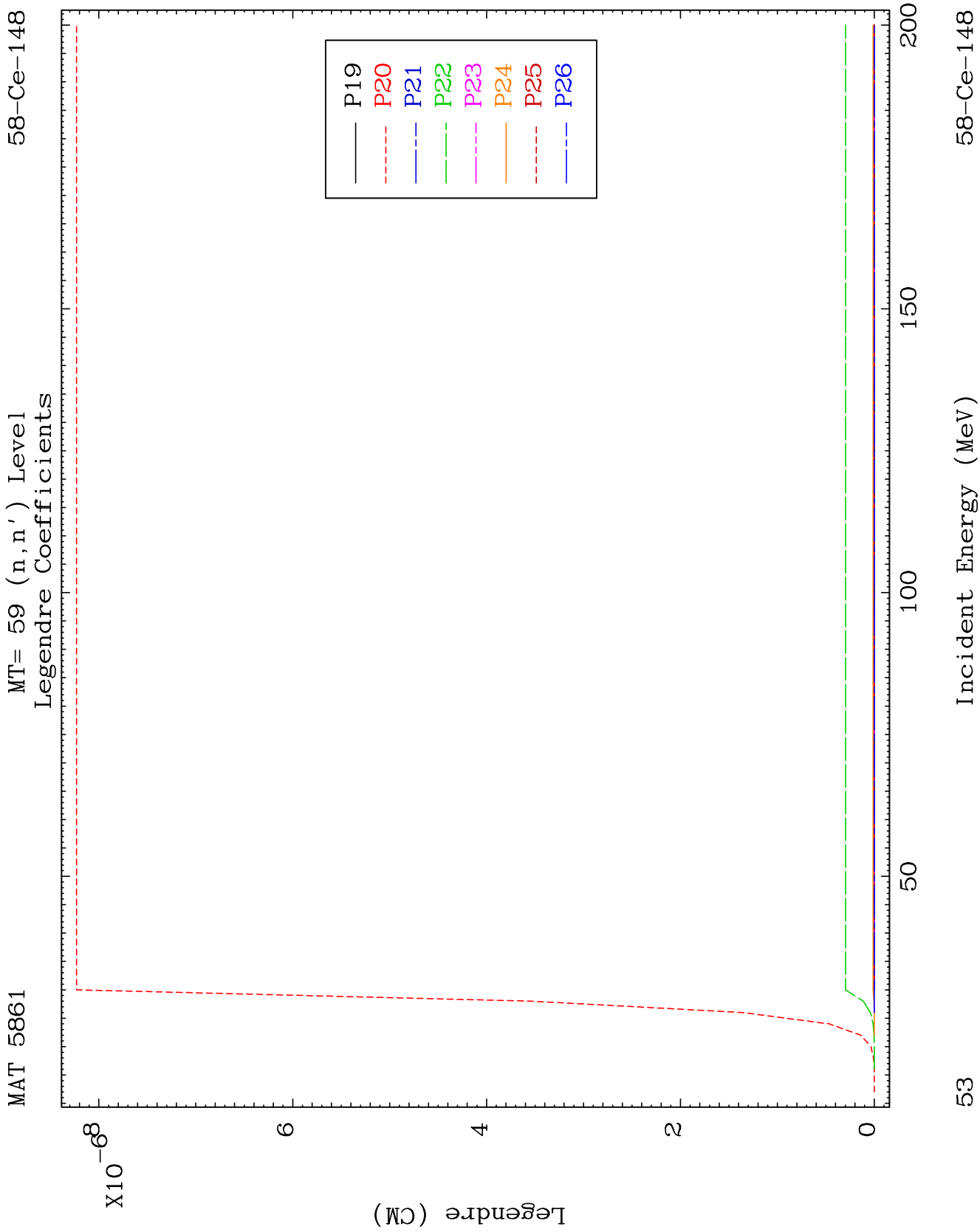
58-Ce-148

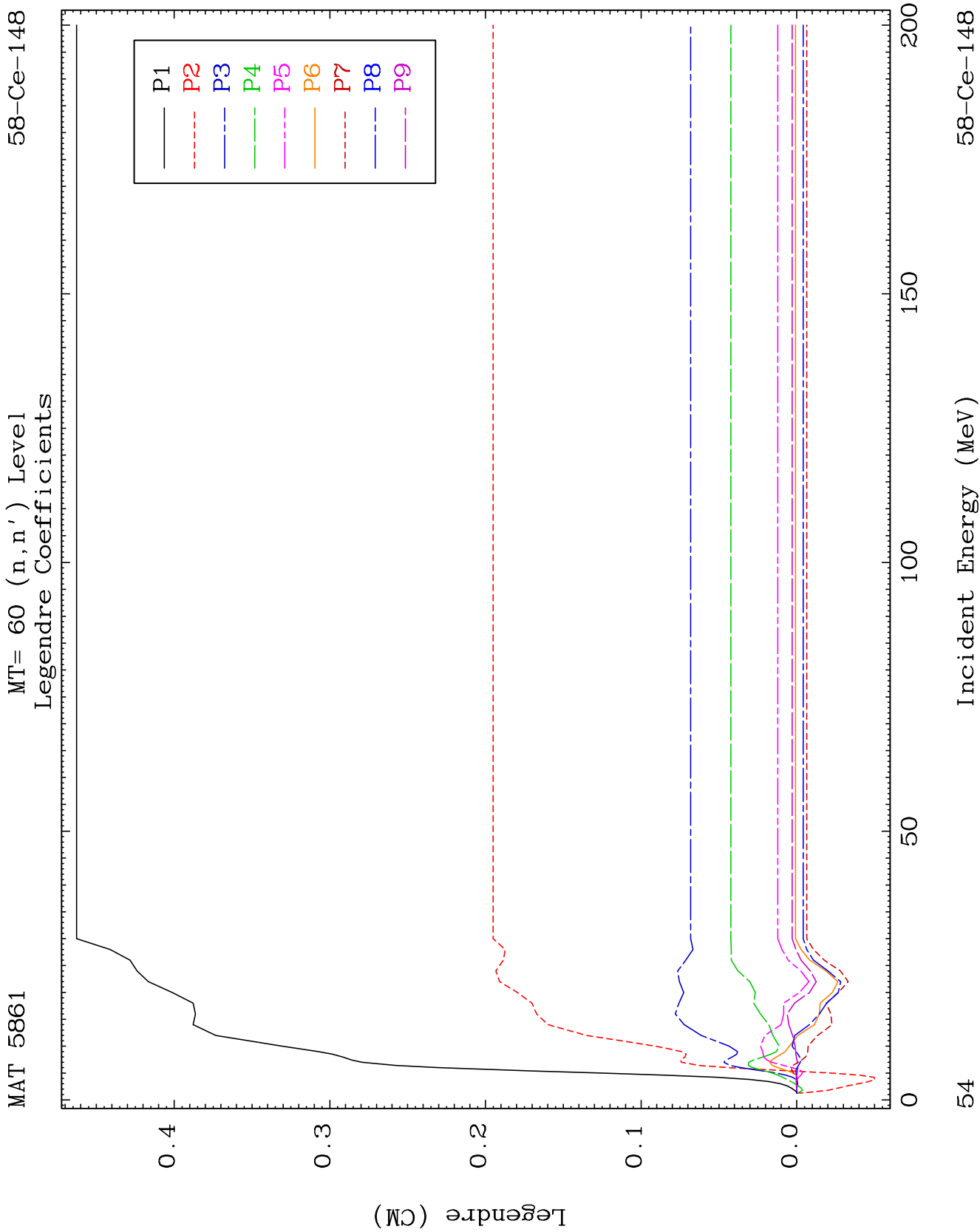


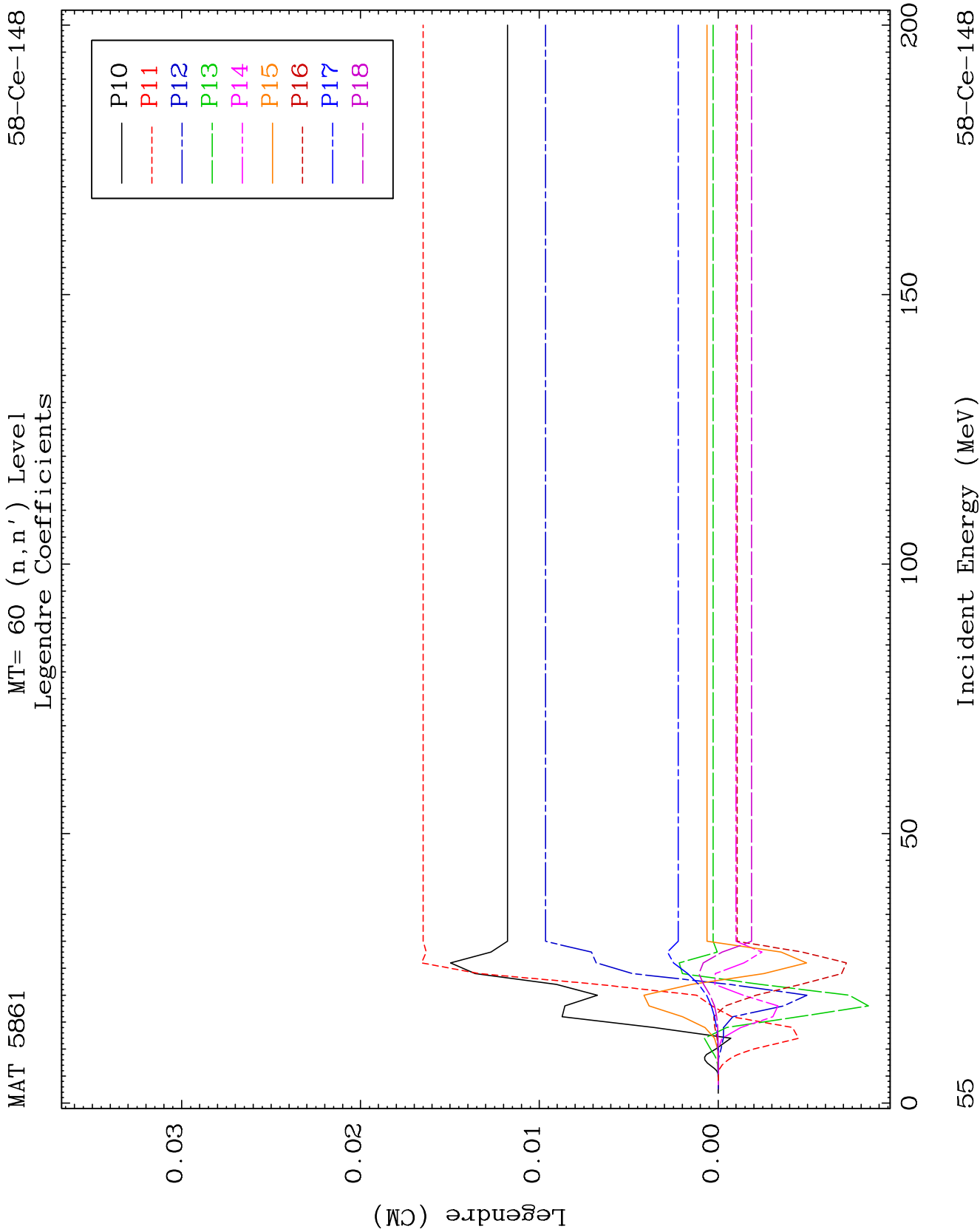


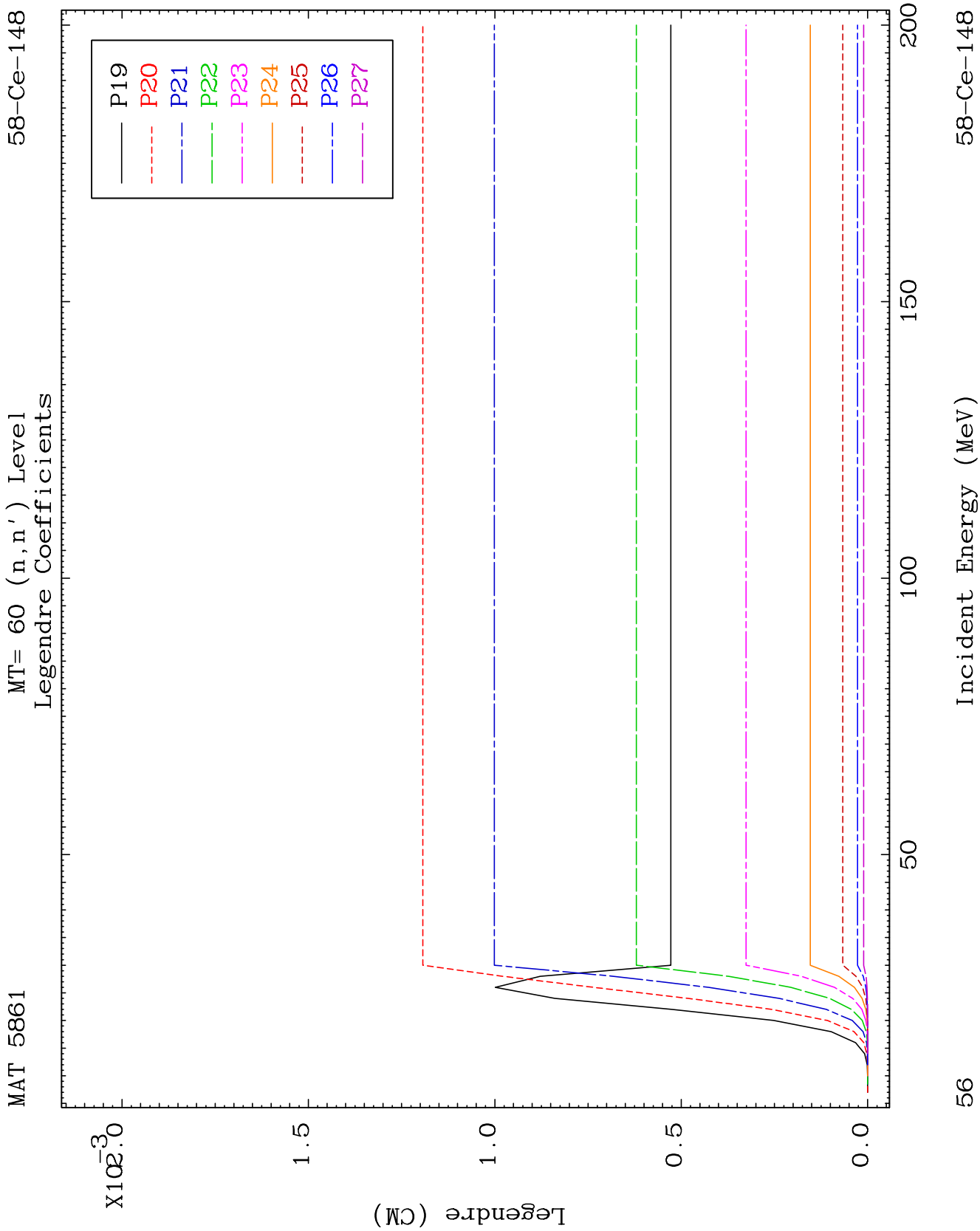


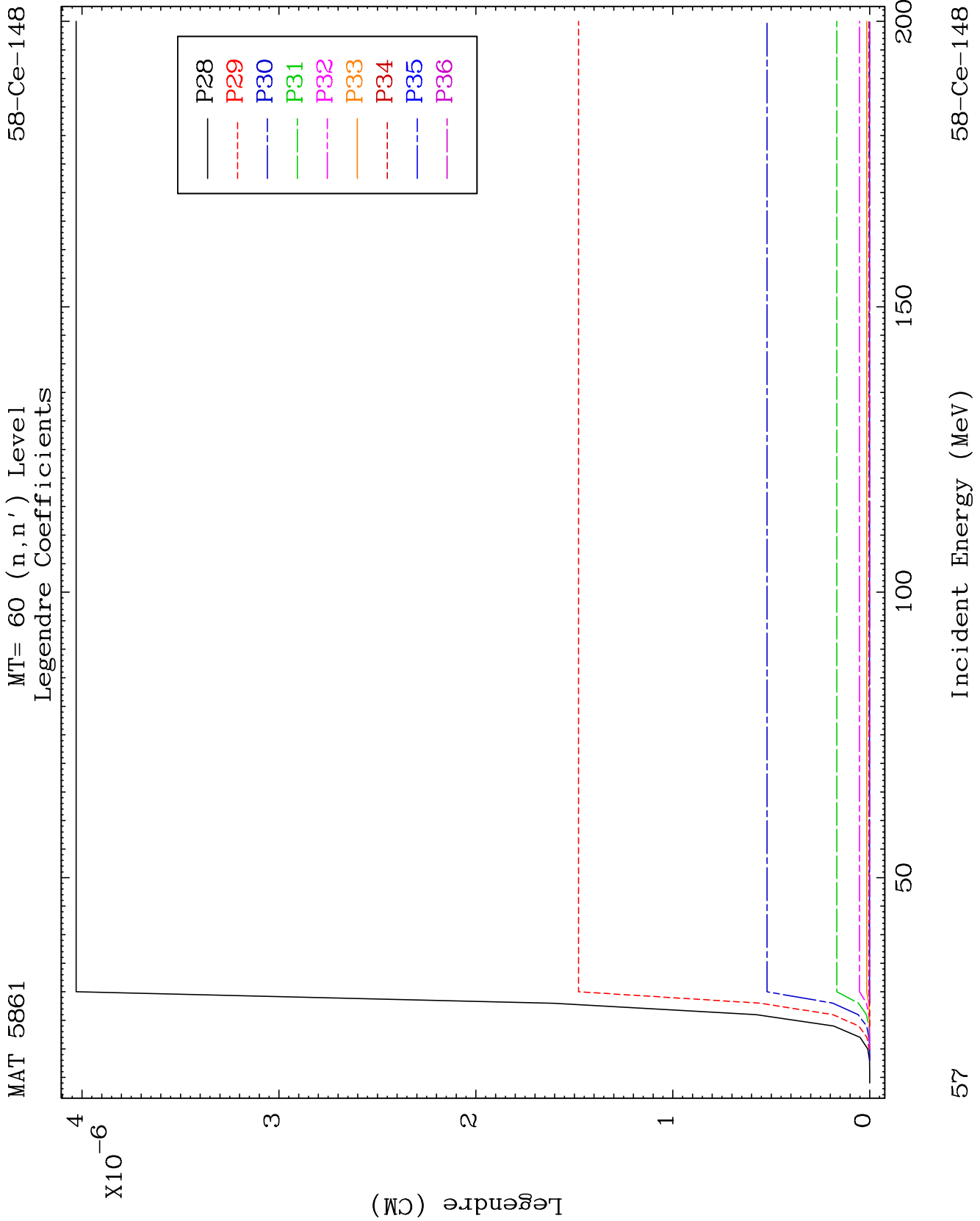








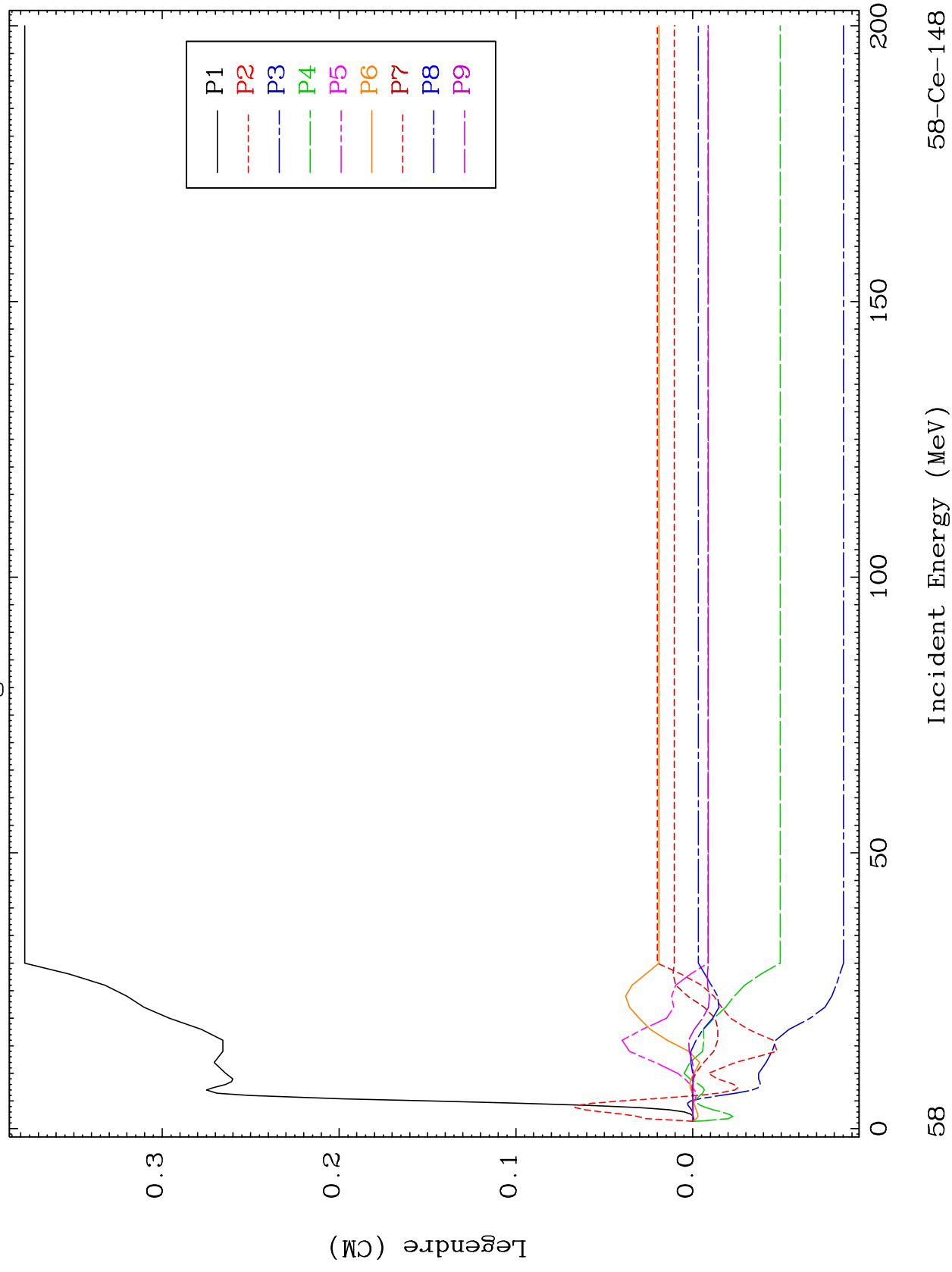




MAT 5861

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

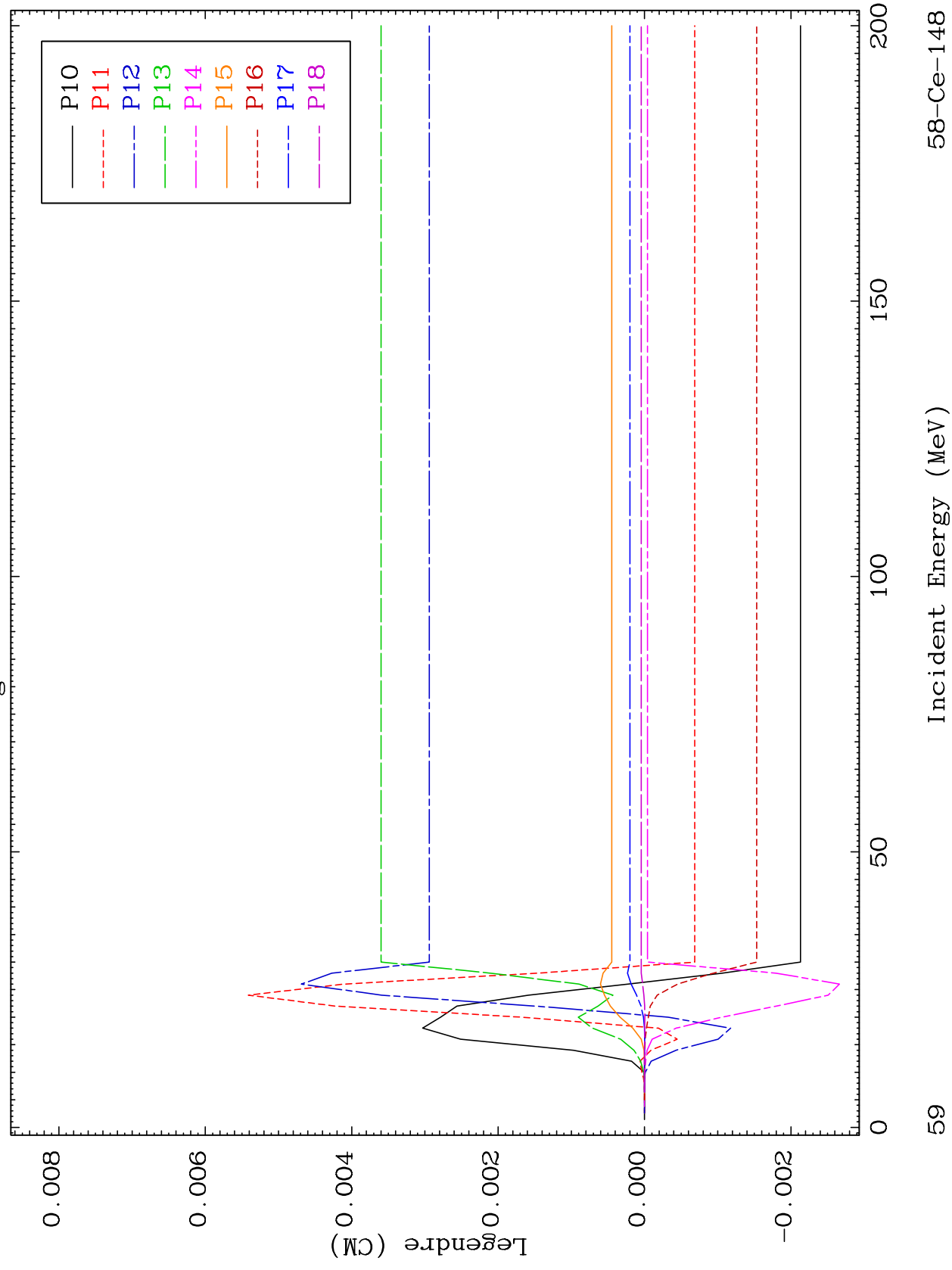
58-Ce-148

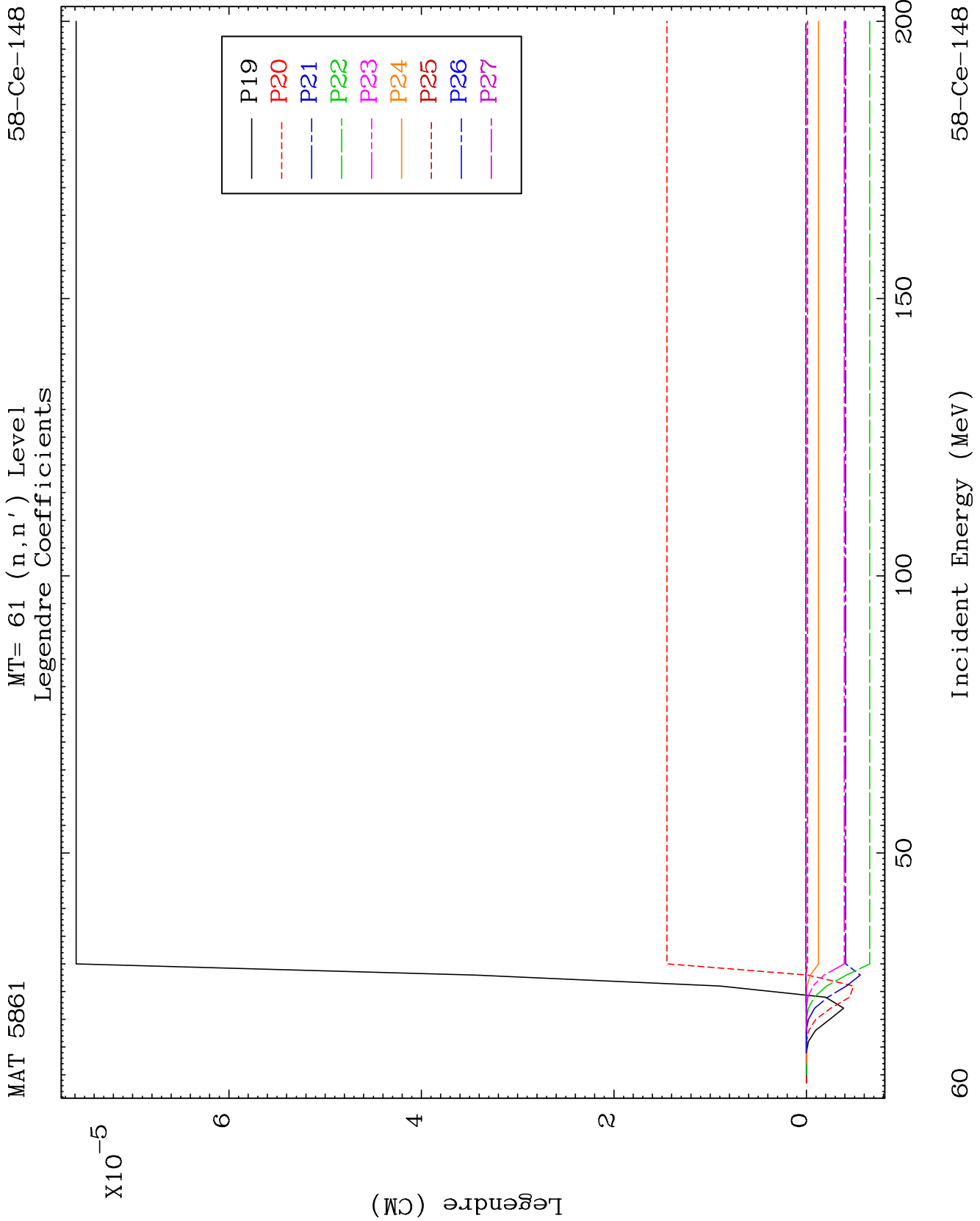


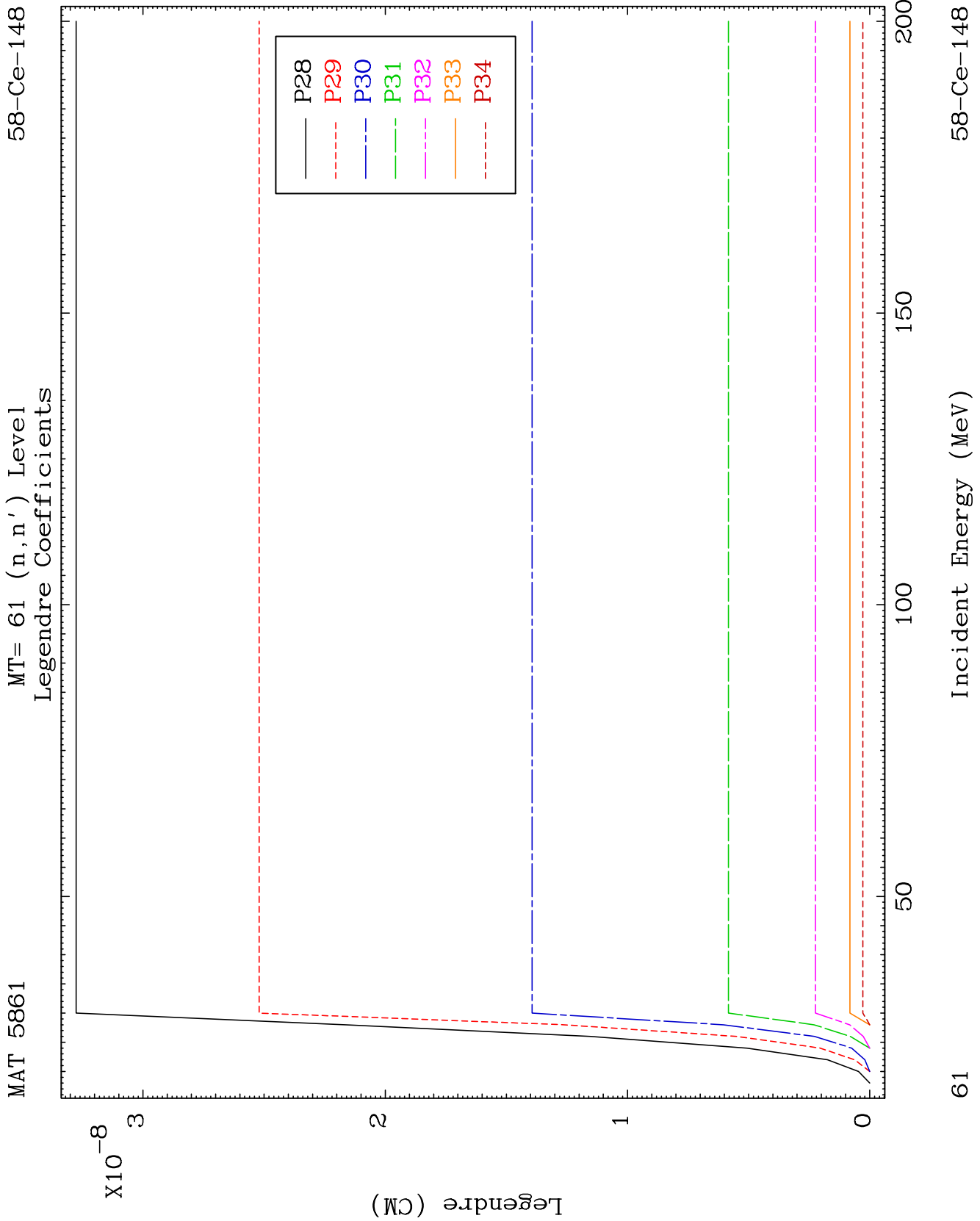
MAT 5861

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

58-Ce-148



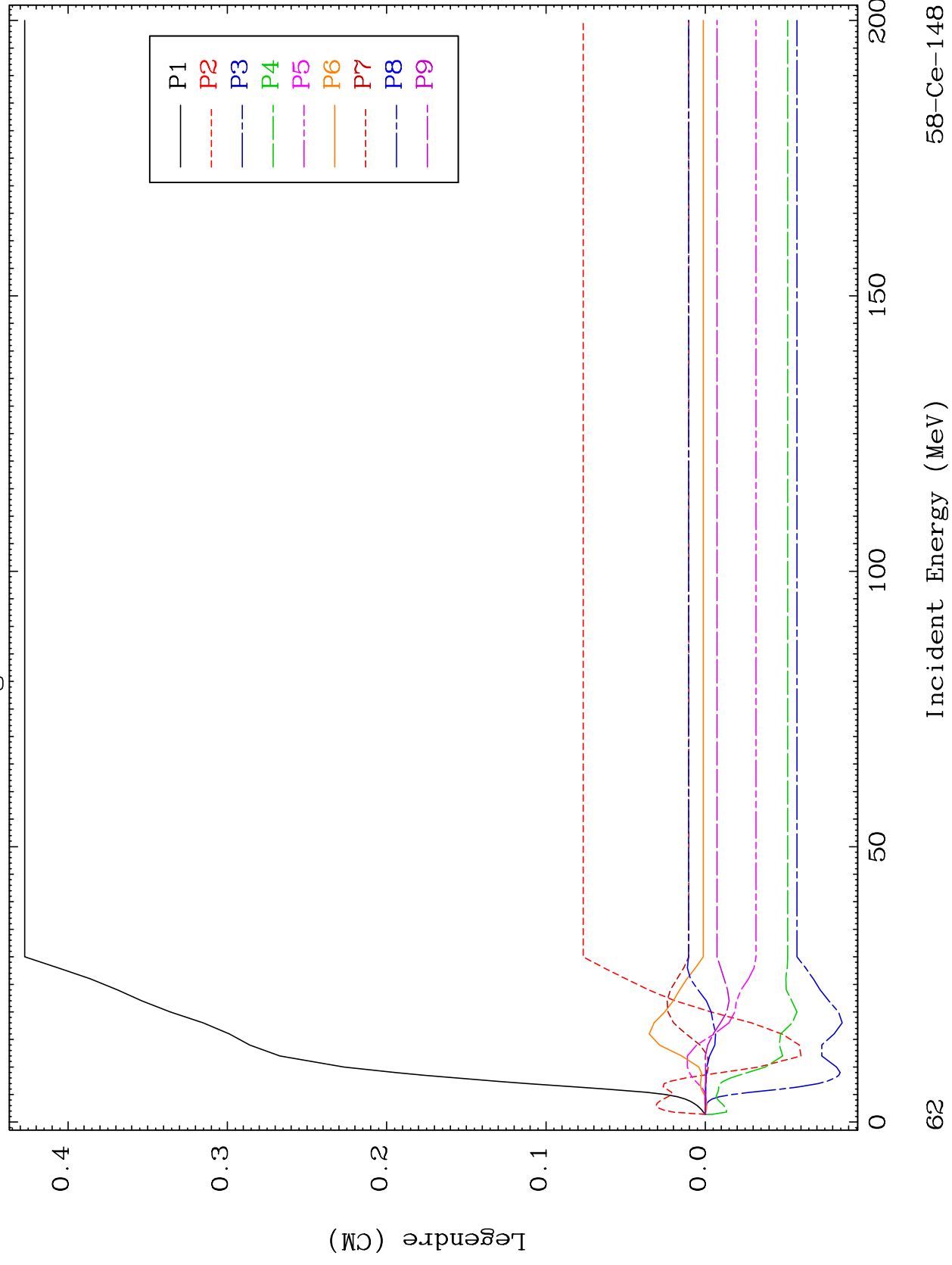


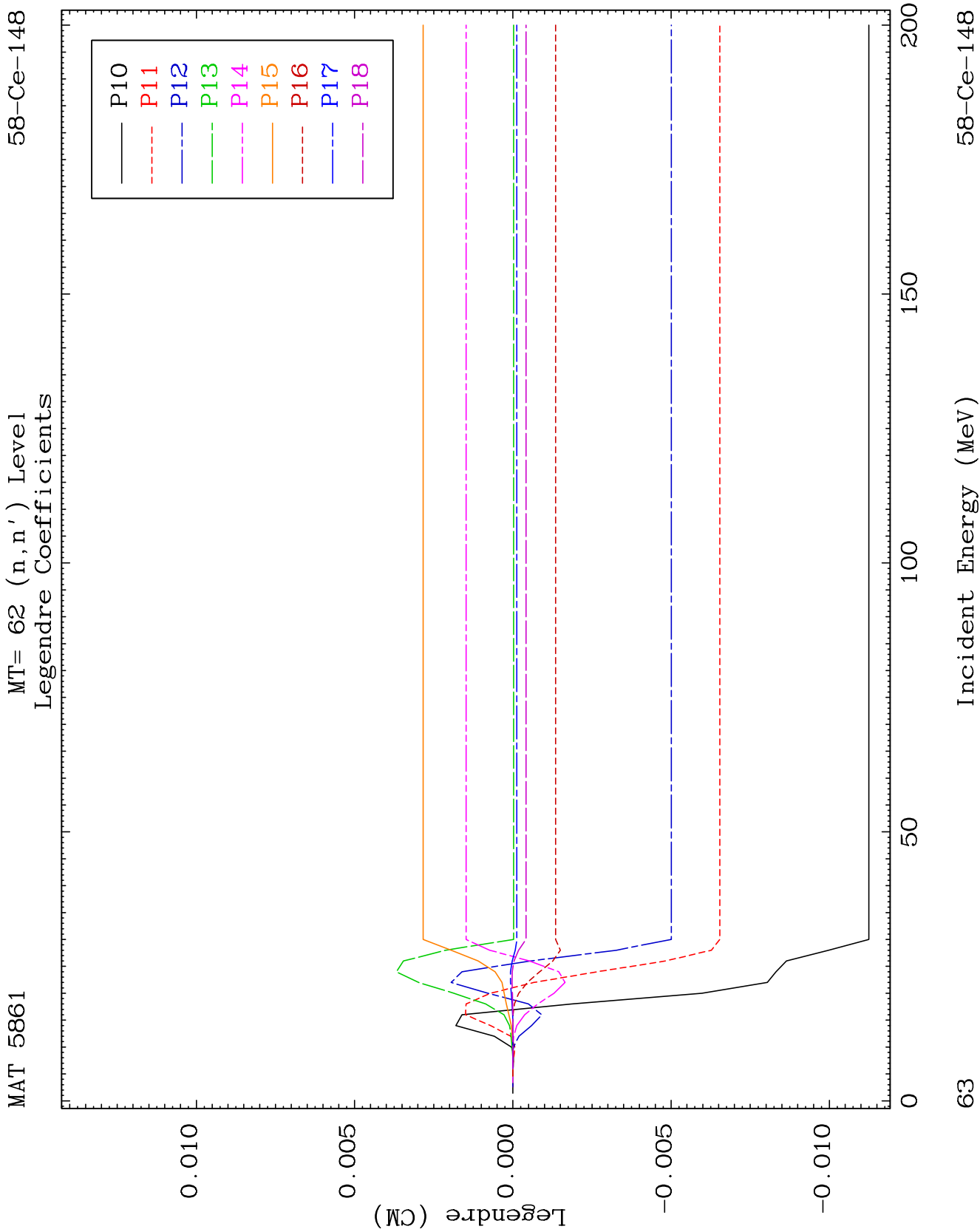


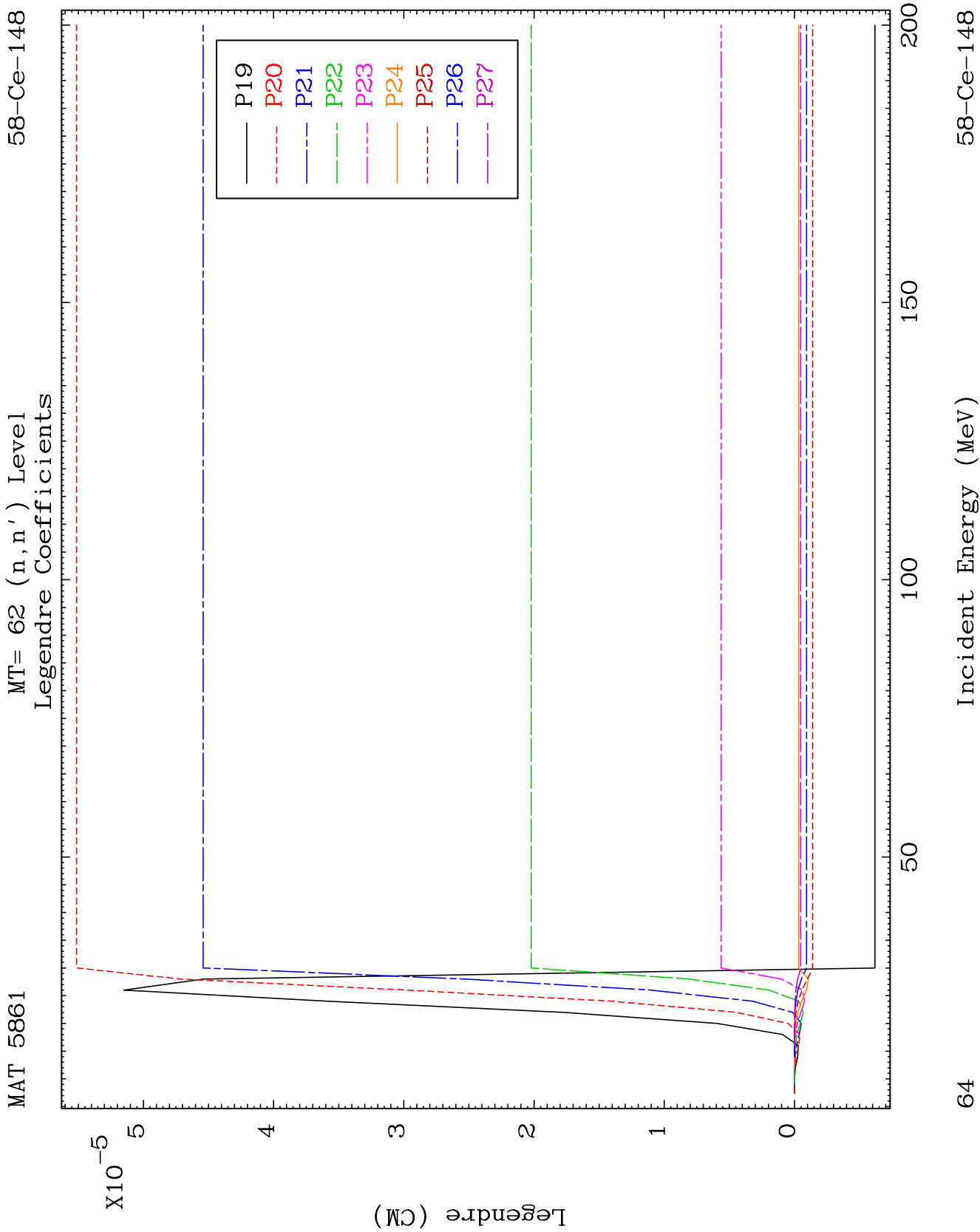
MAT 5861

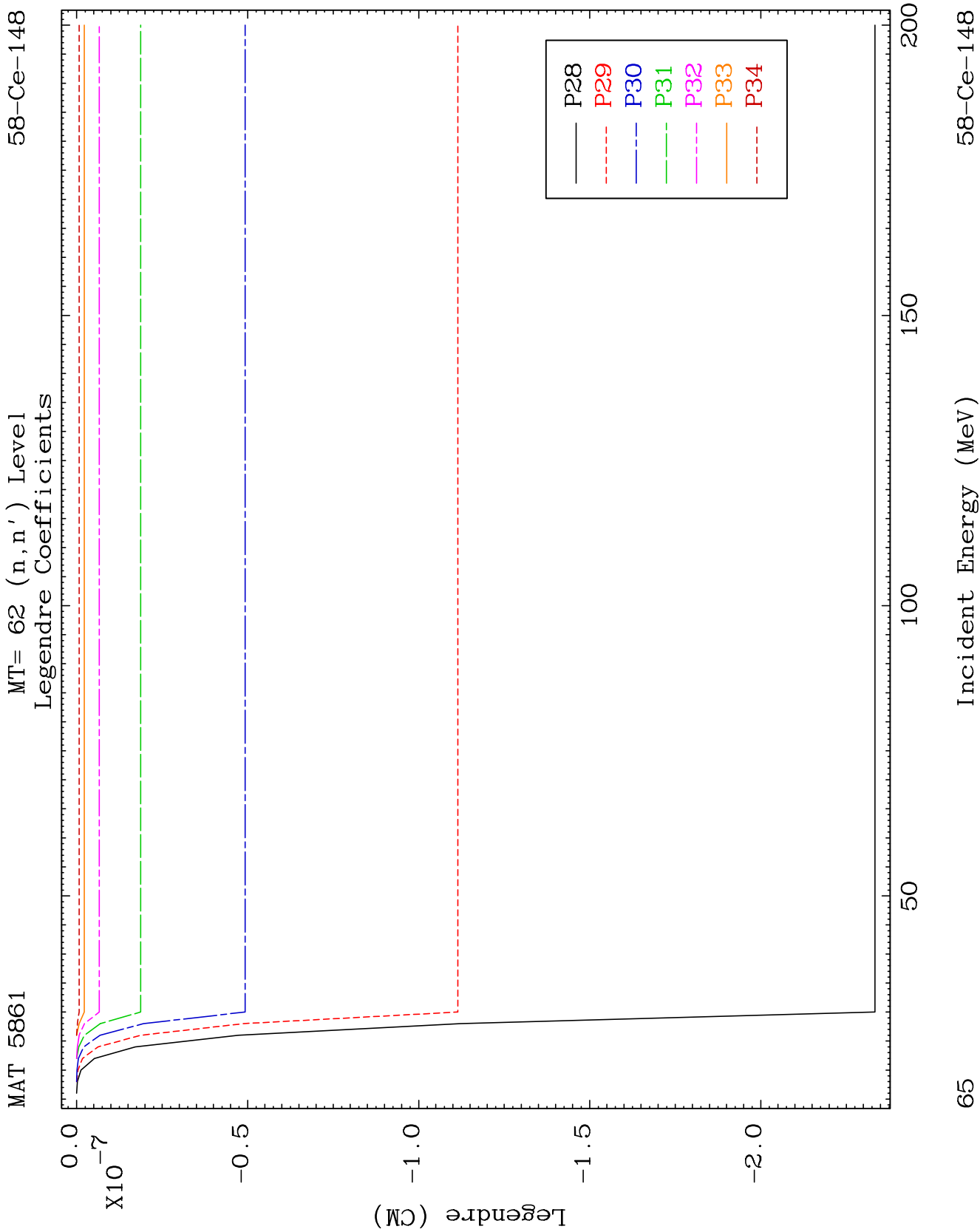
MT= 62 (n, n') Level
Legendre Coefficients

58-Ce-148





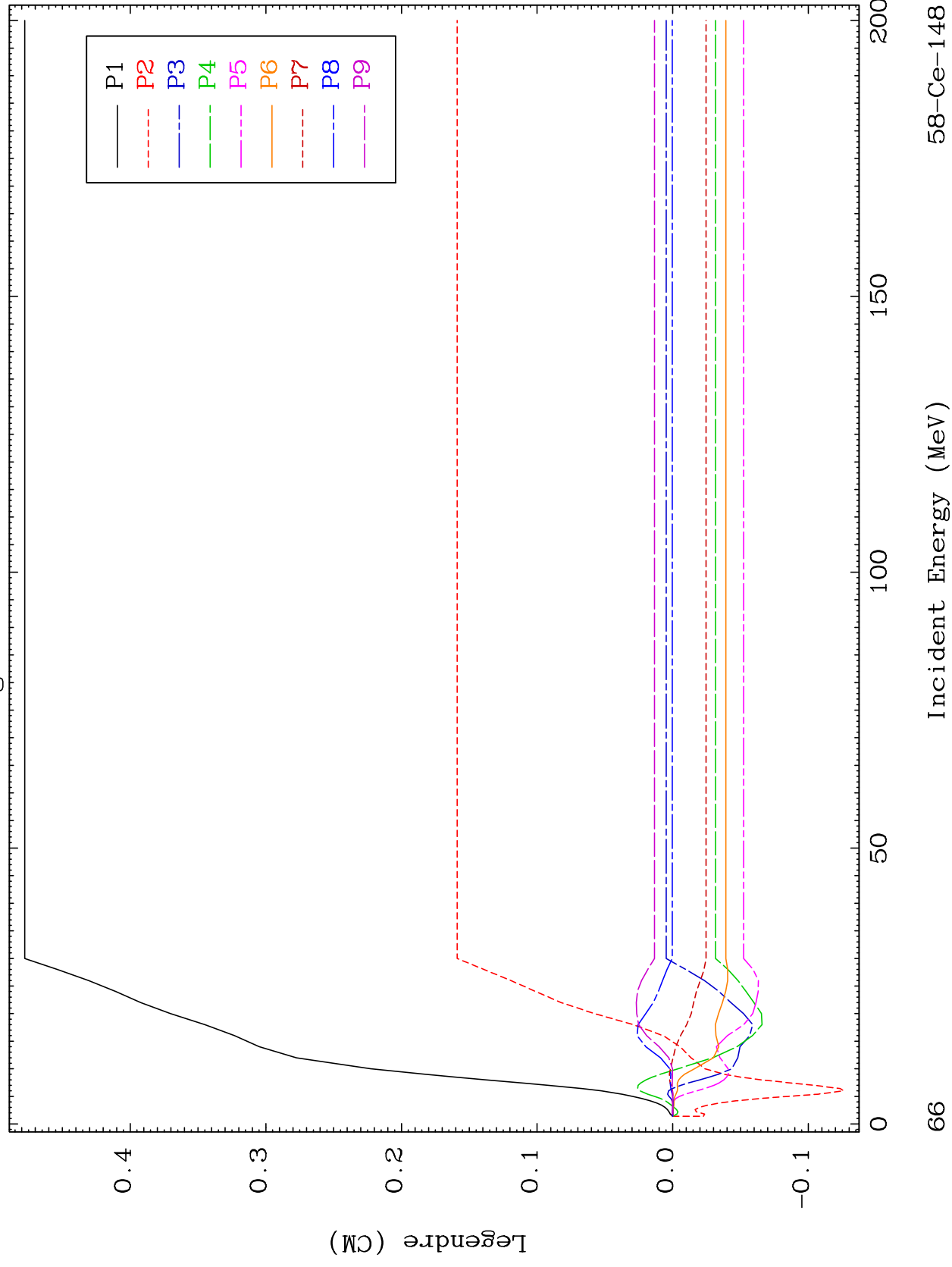




MAT 5861

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

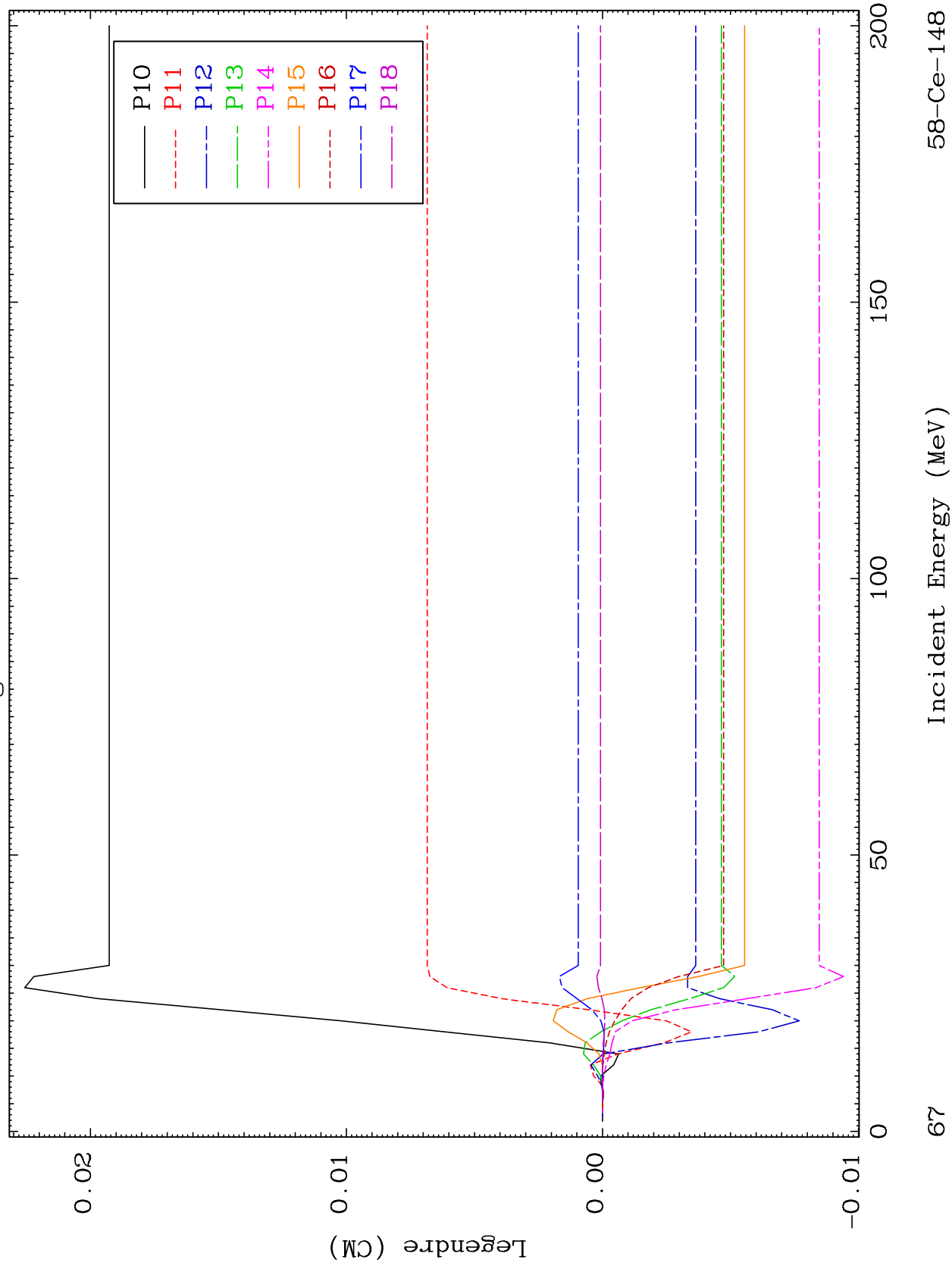
58-Ce-148

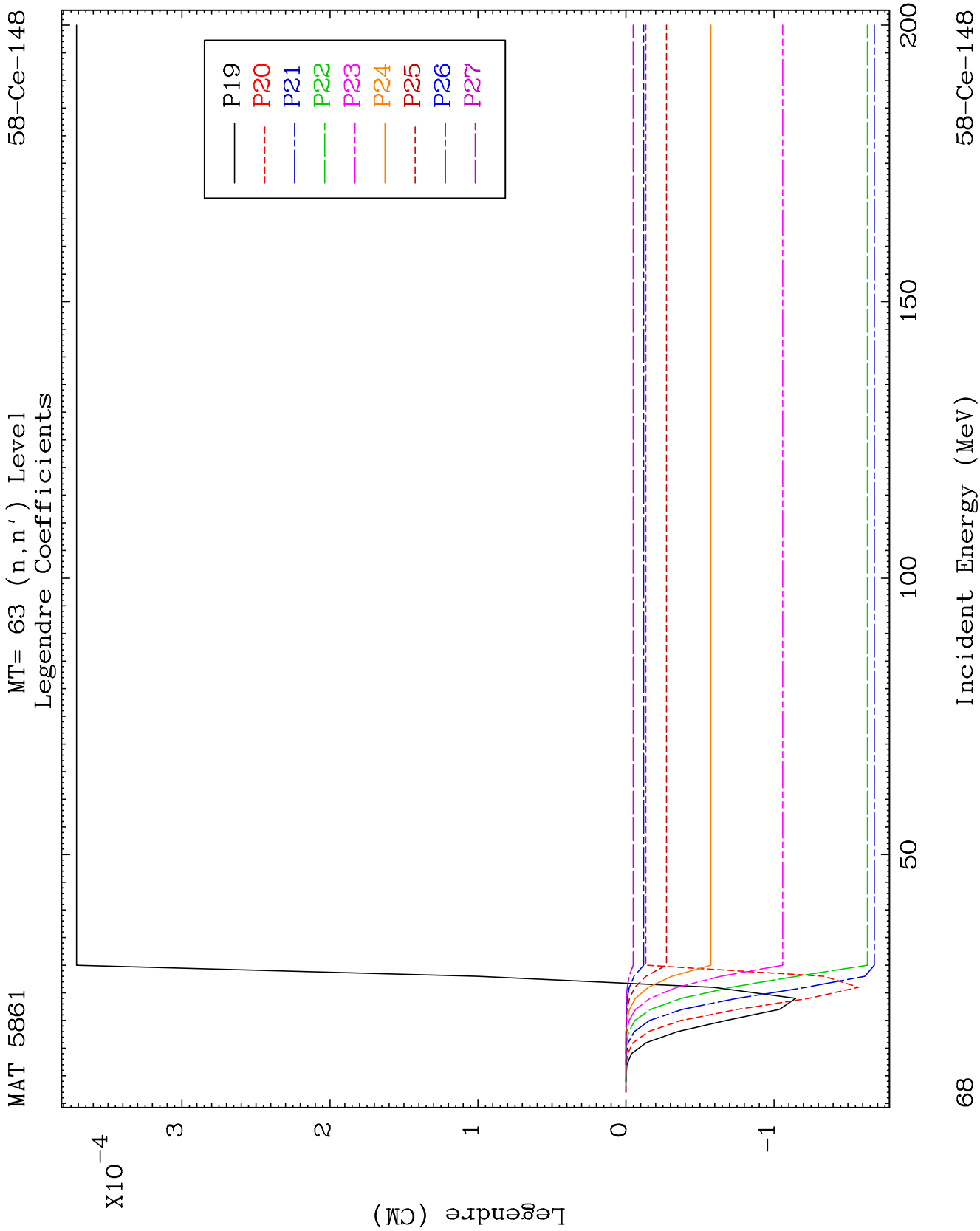


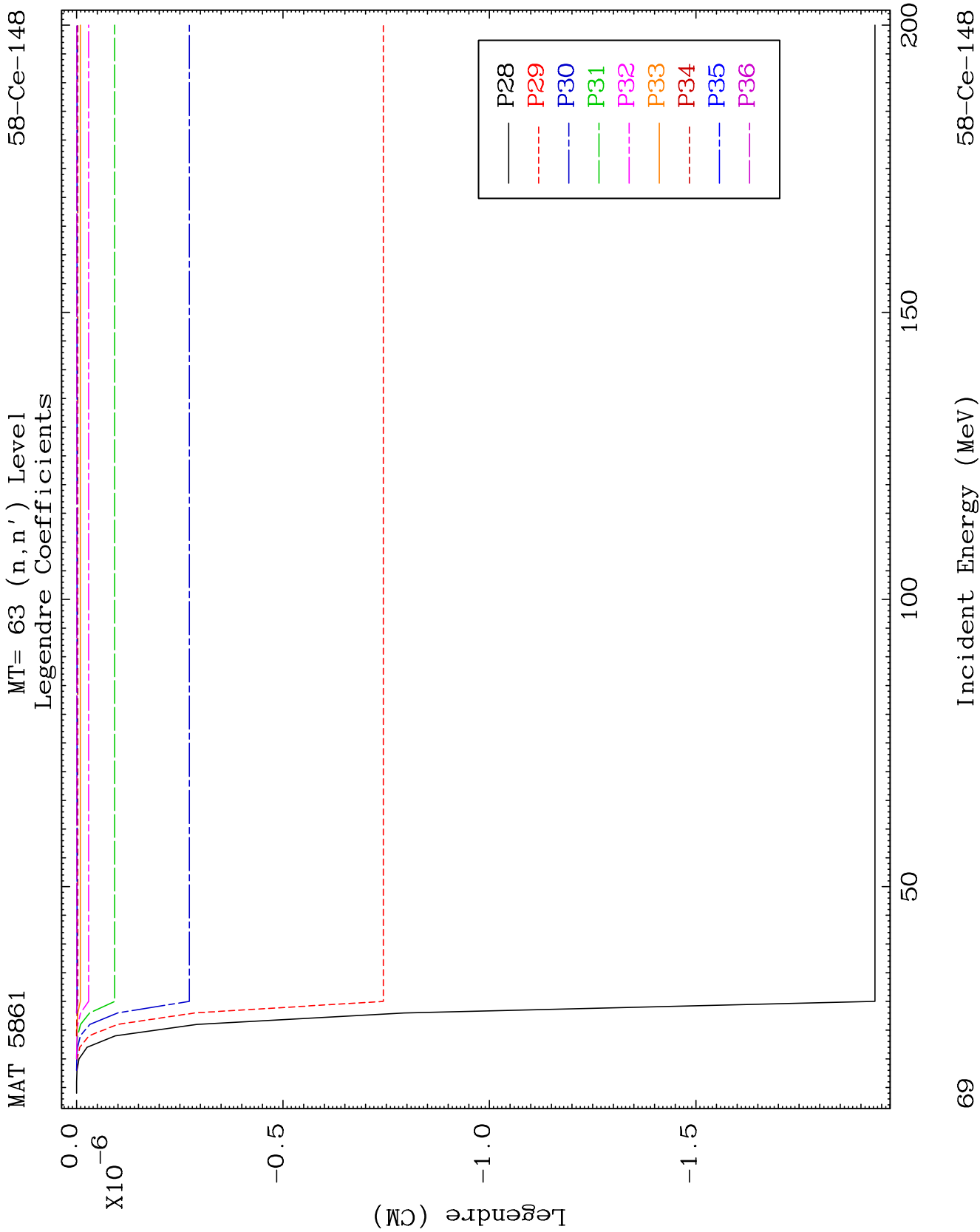
MAT 5861

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

58-Ce-148



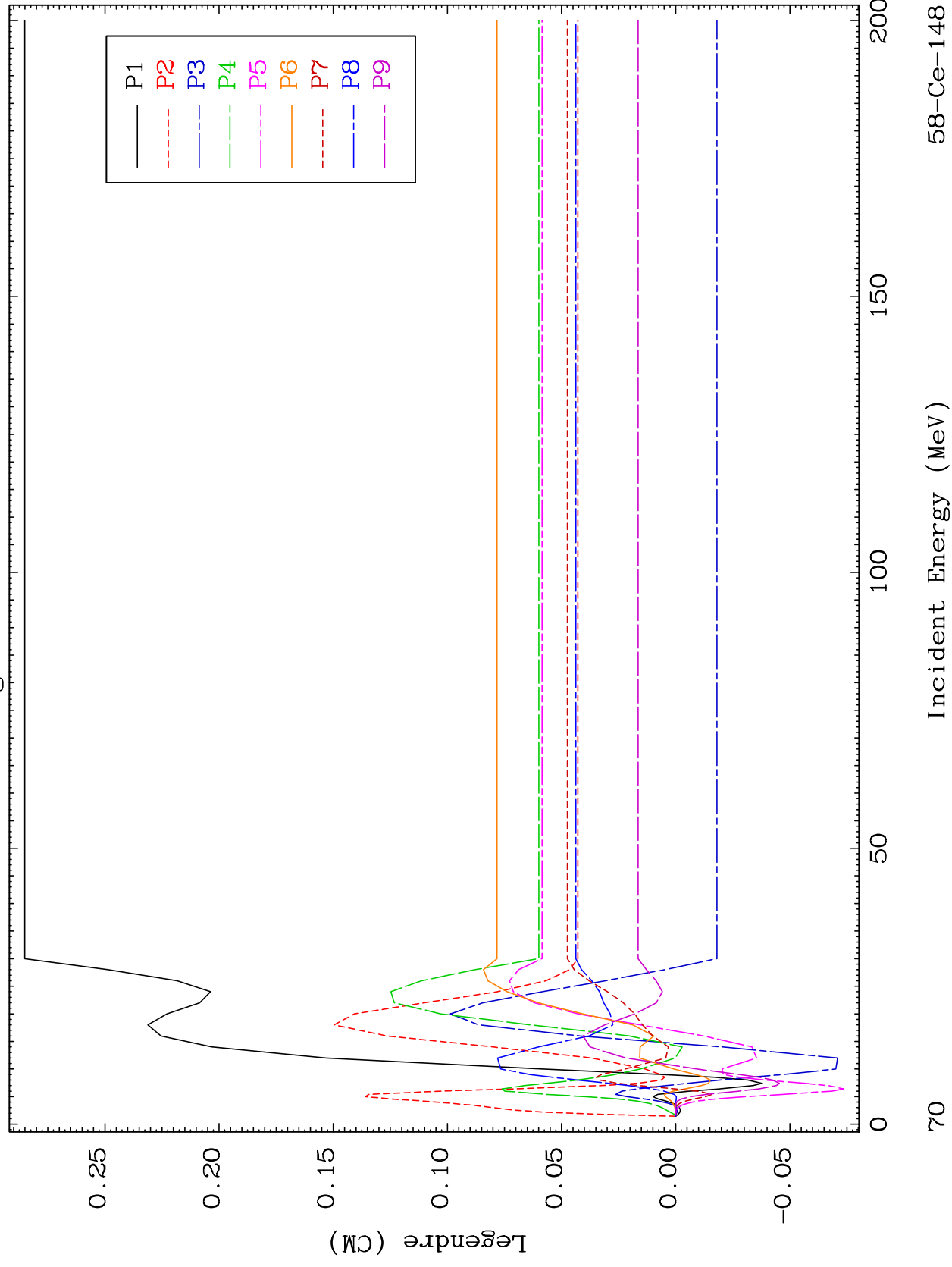


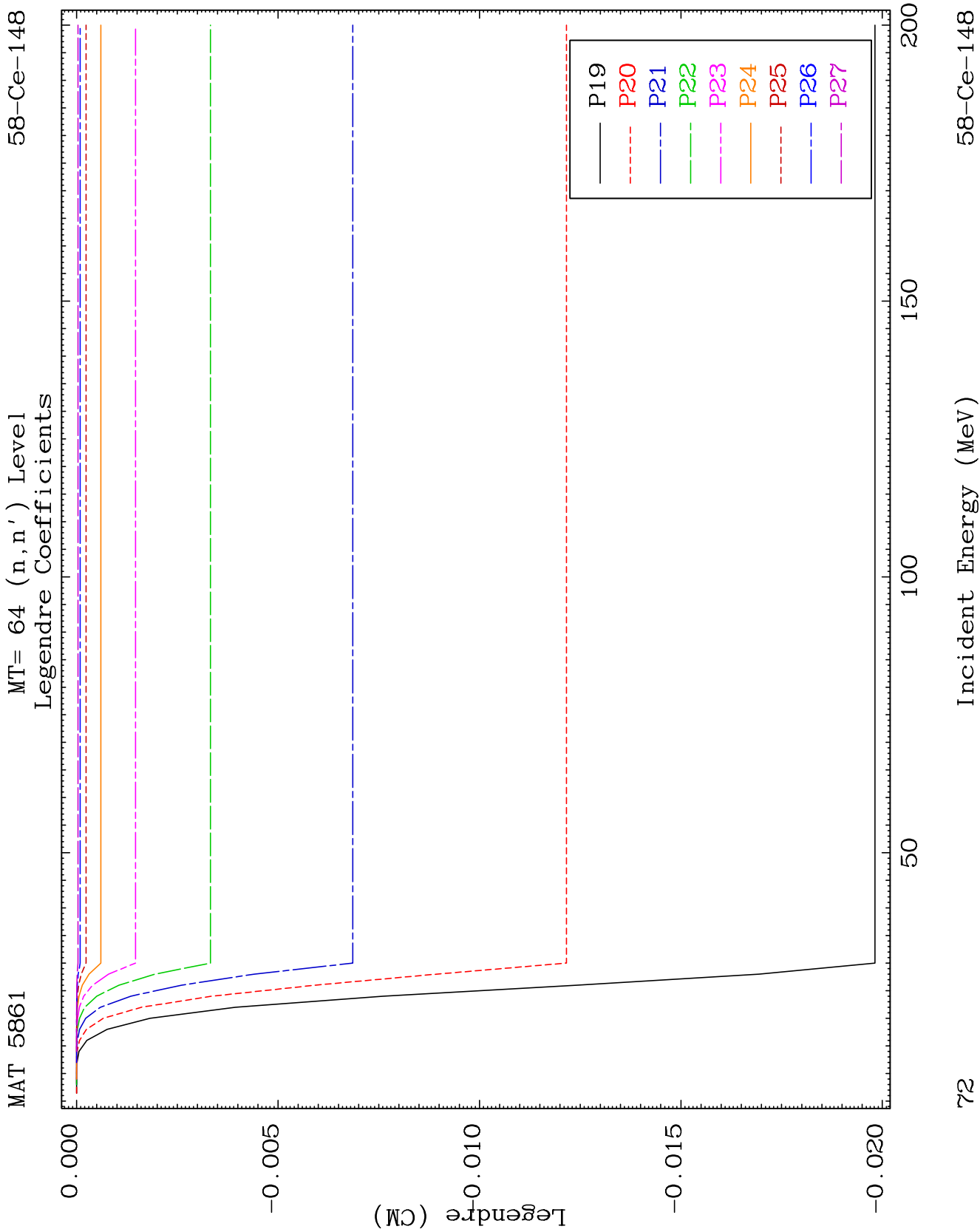


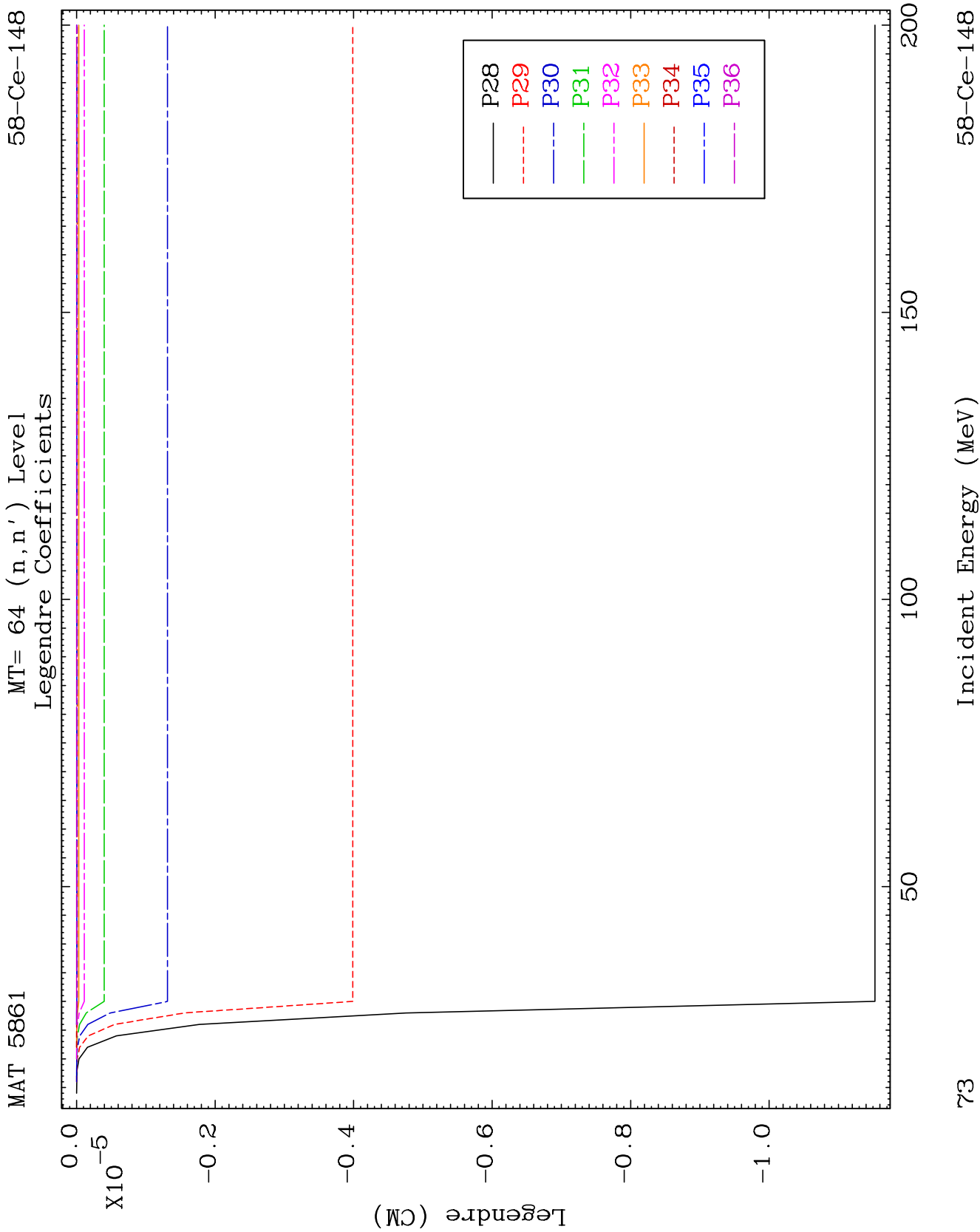
MAT 5861

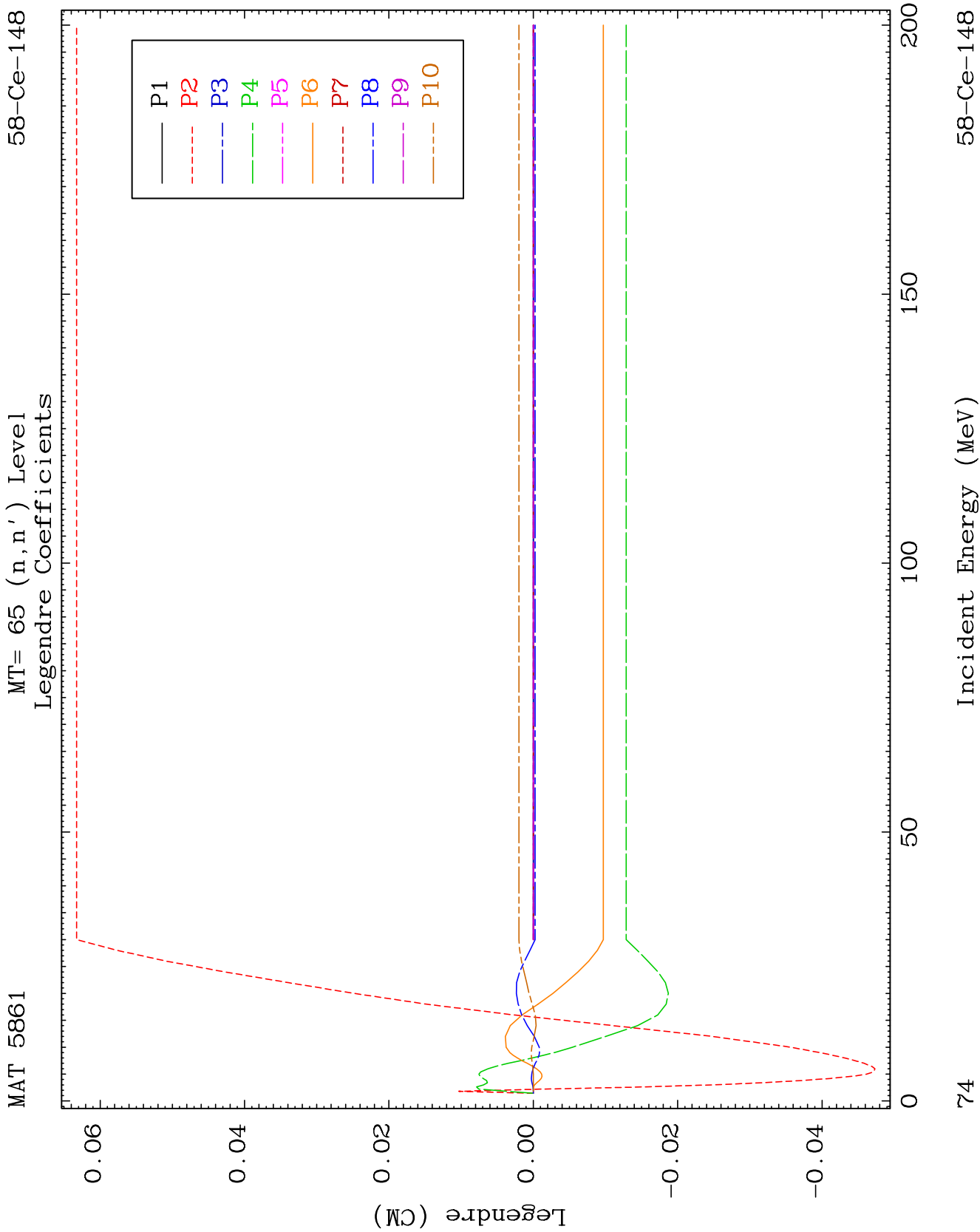
MT= 64 (n, n') Level
Legendre Coefficients

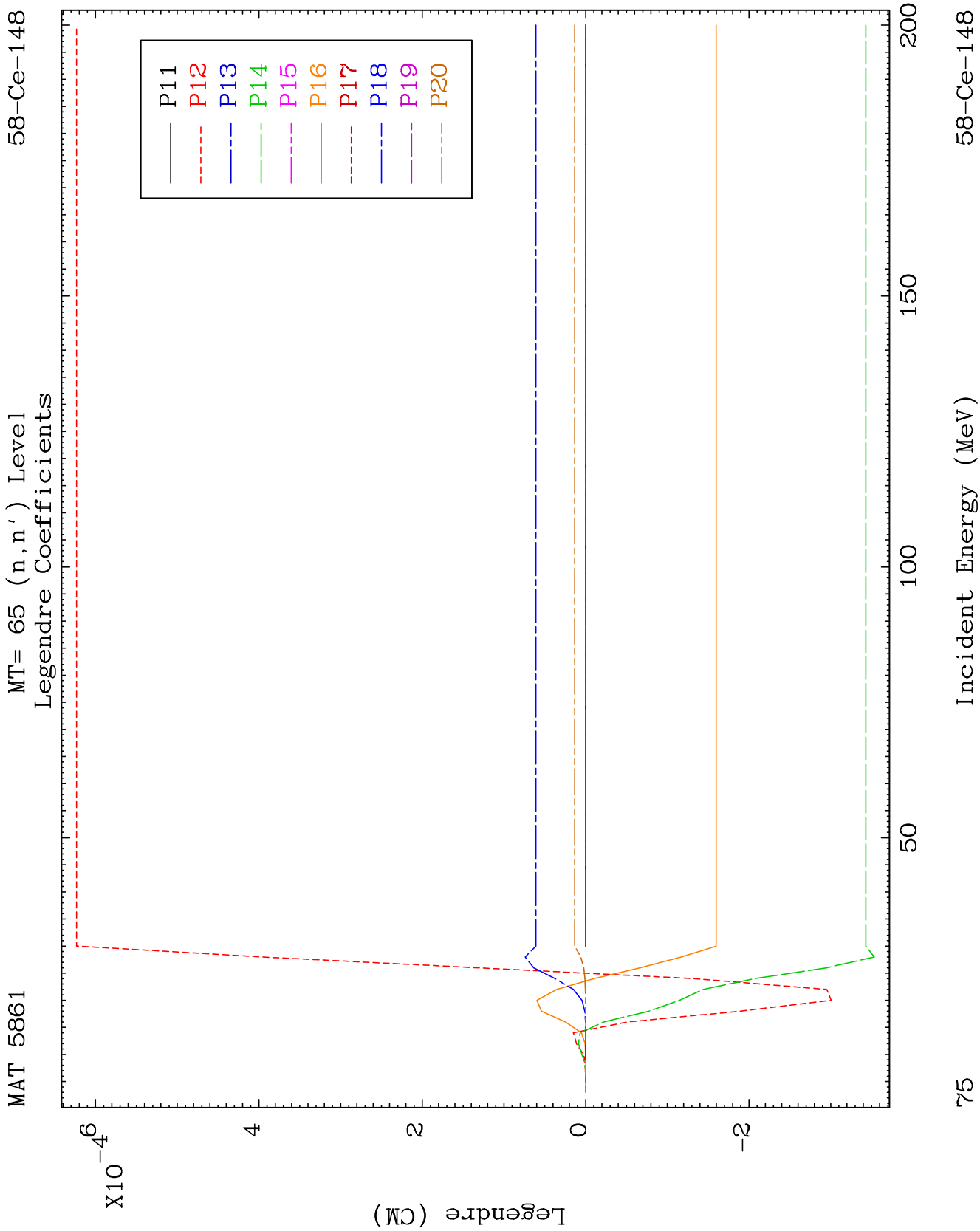
58-Ce-148

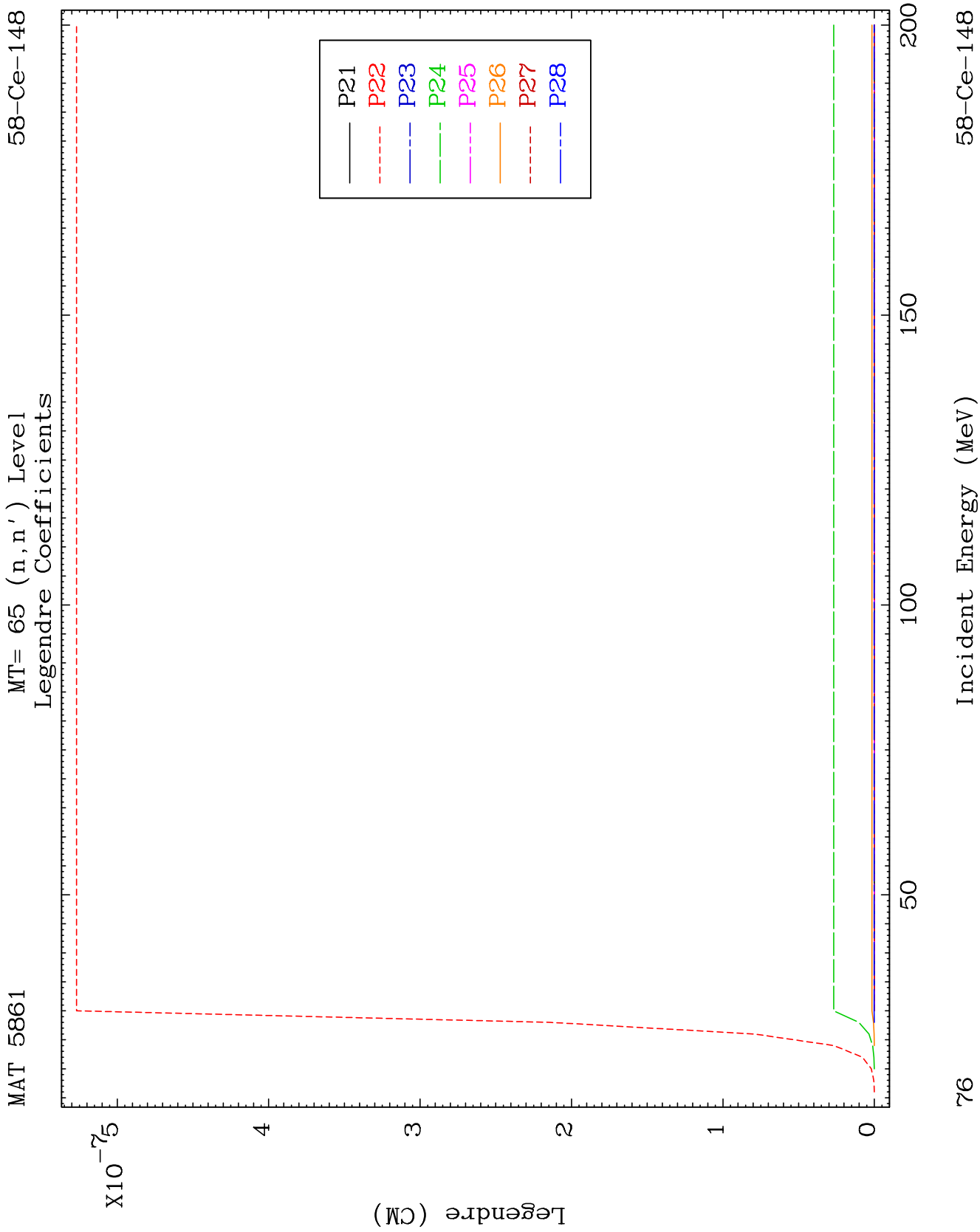


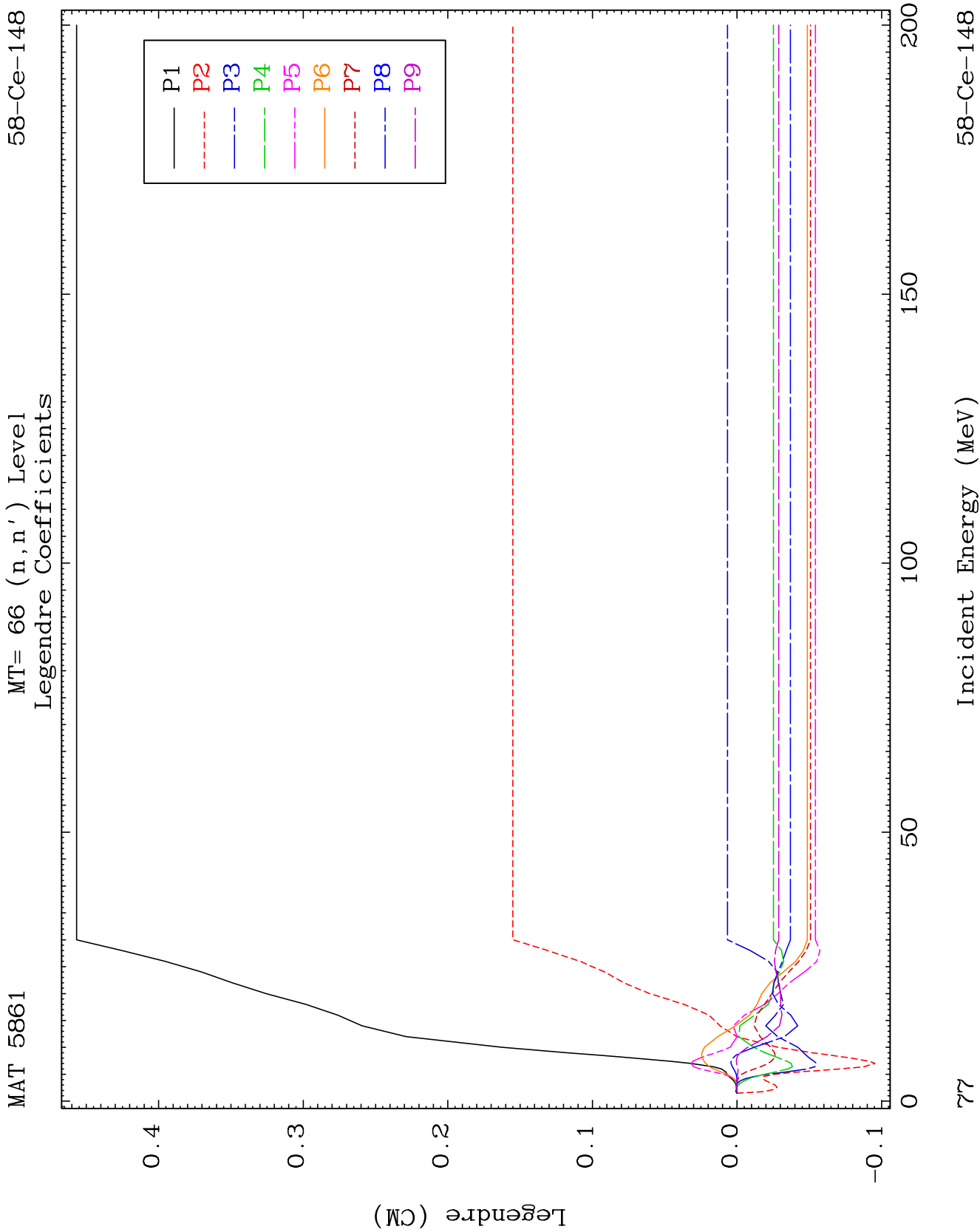


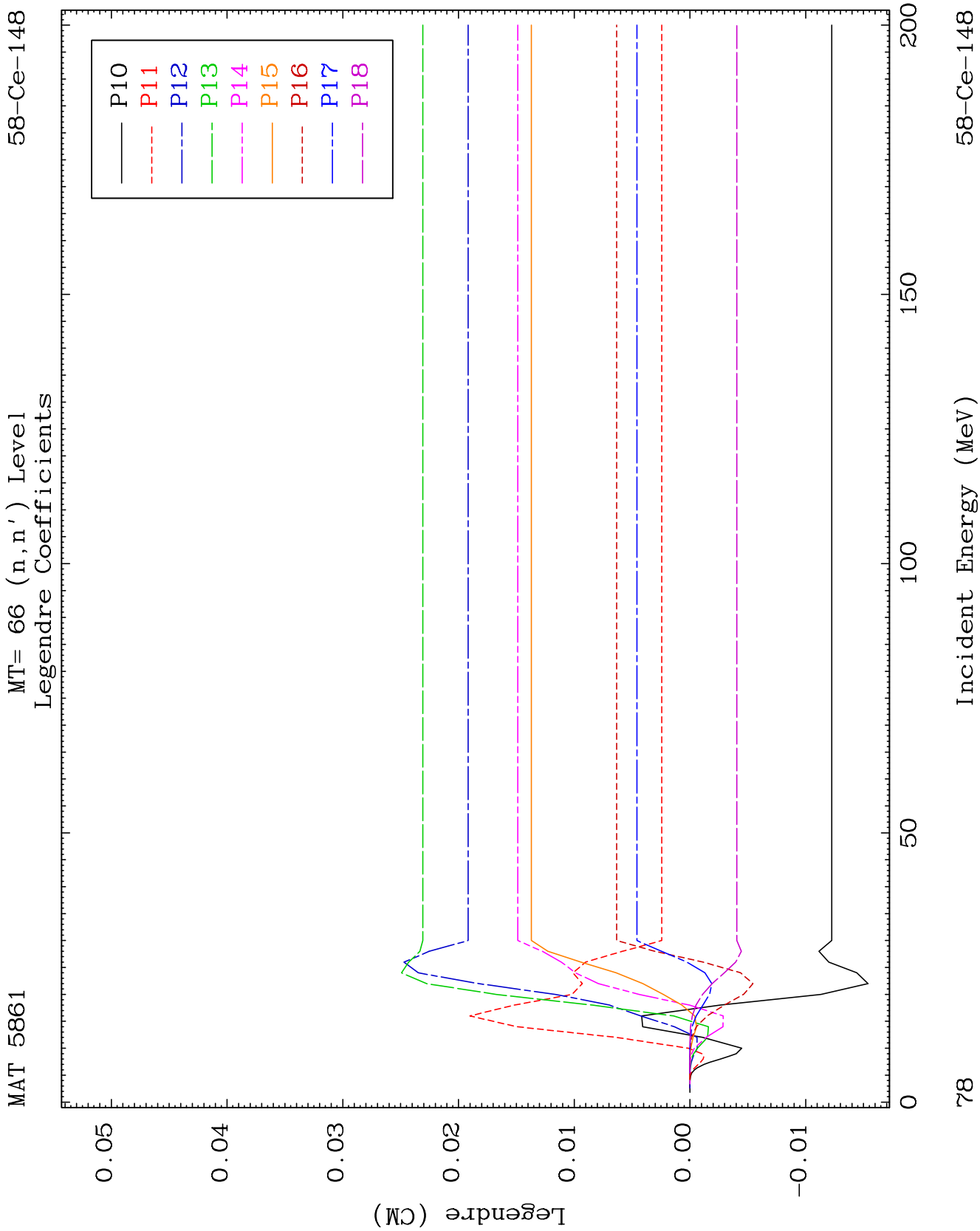


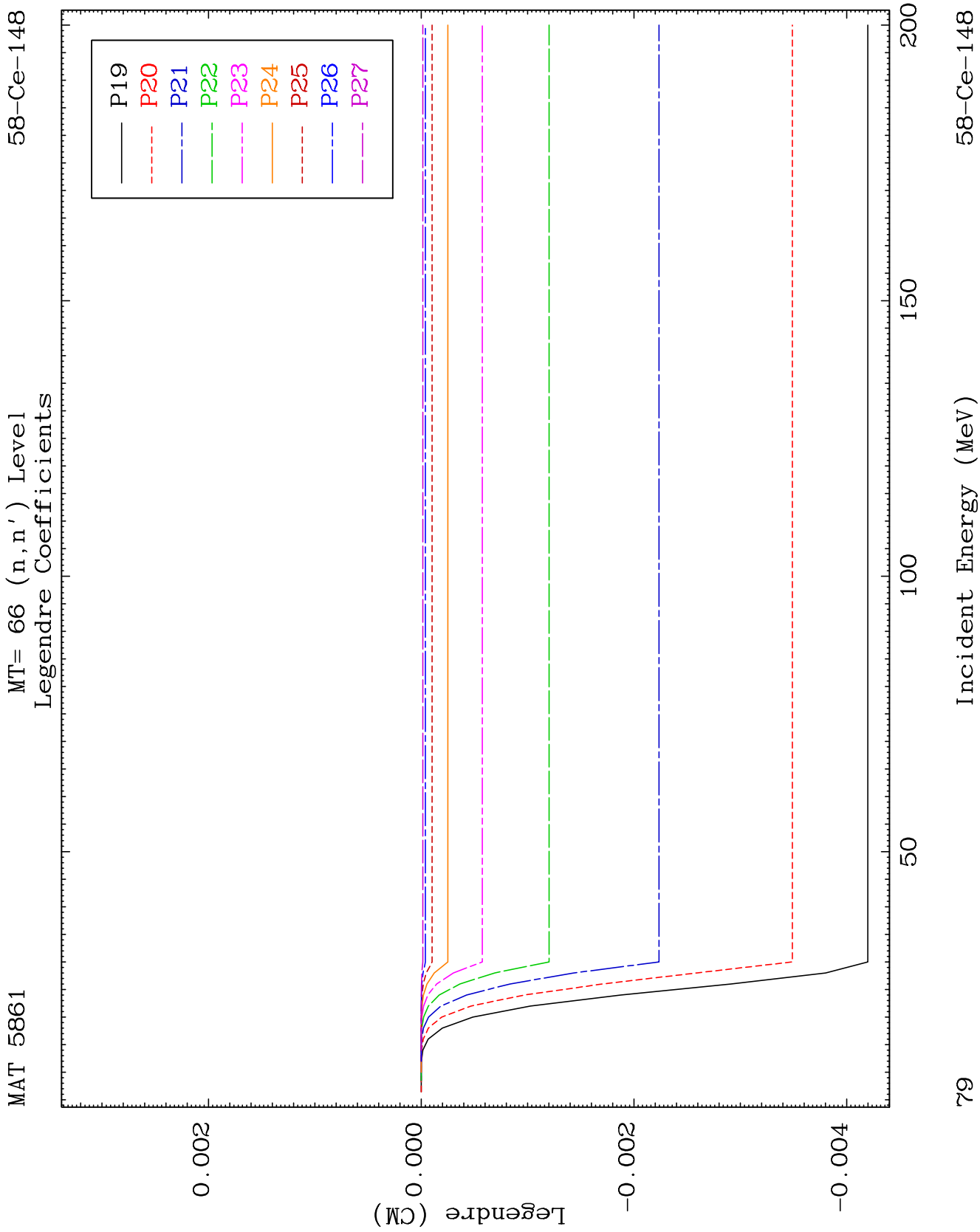


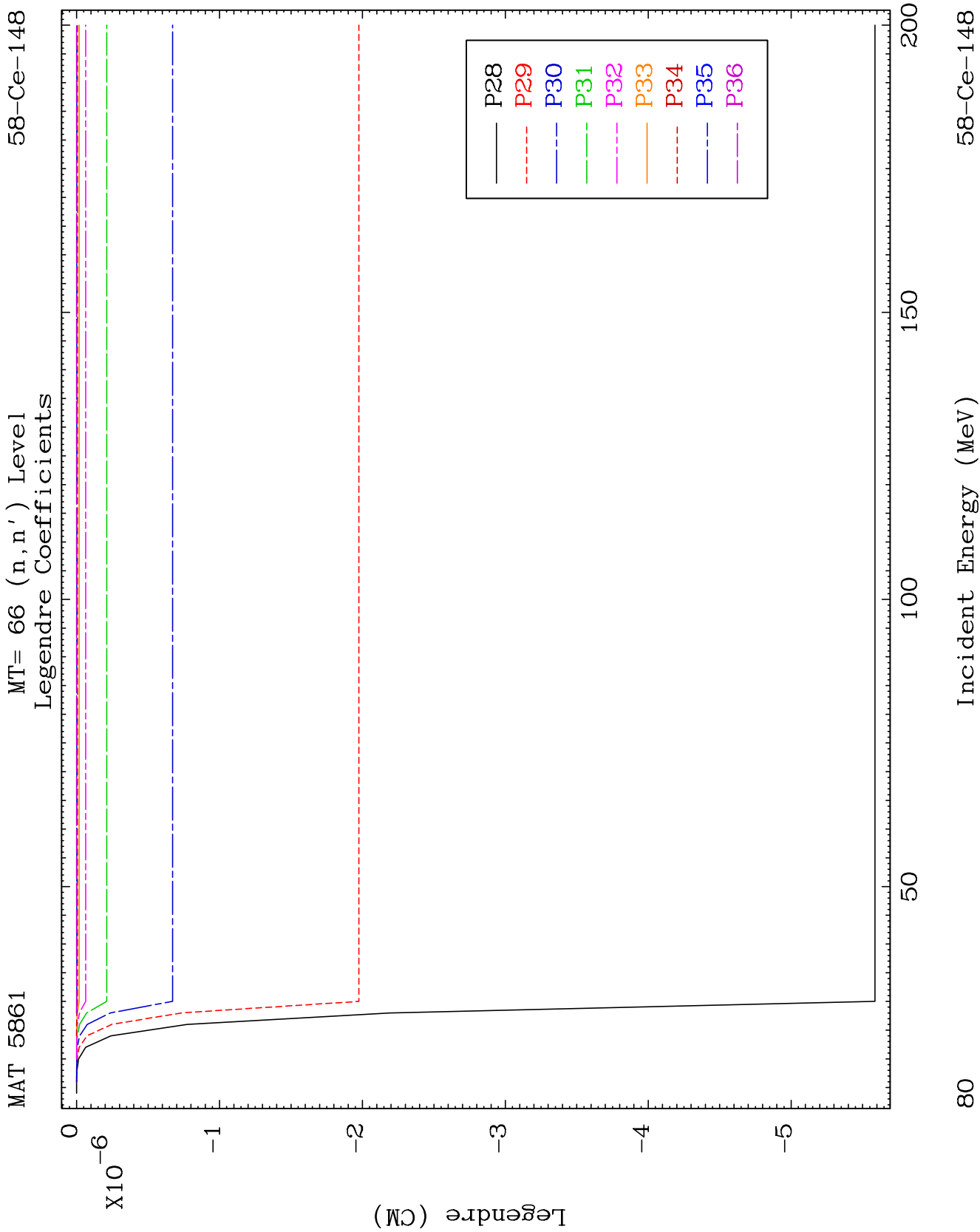








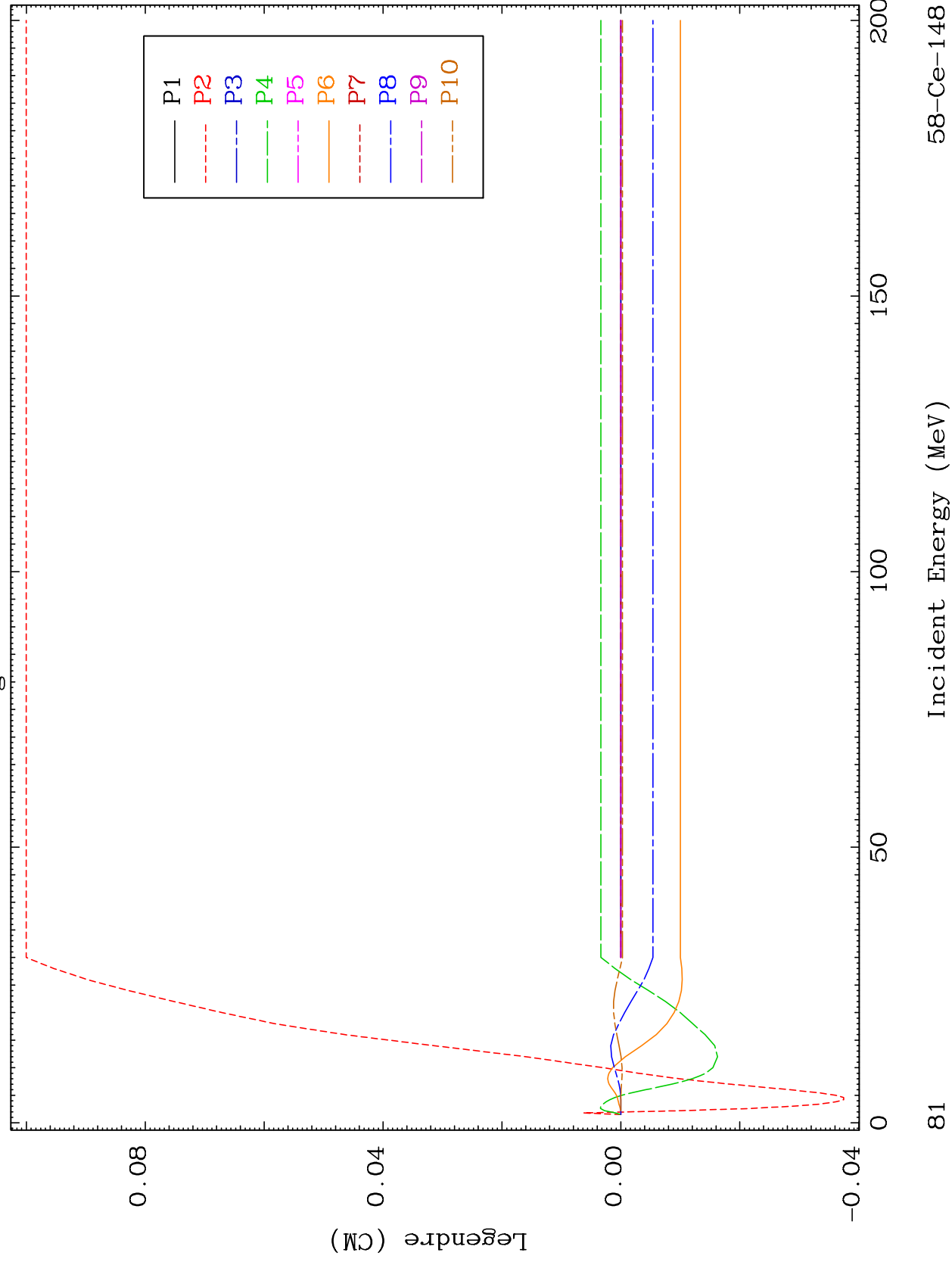


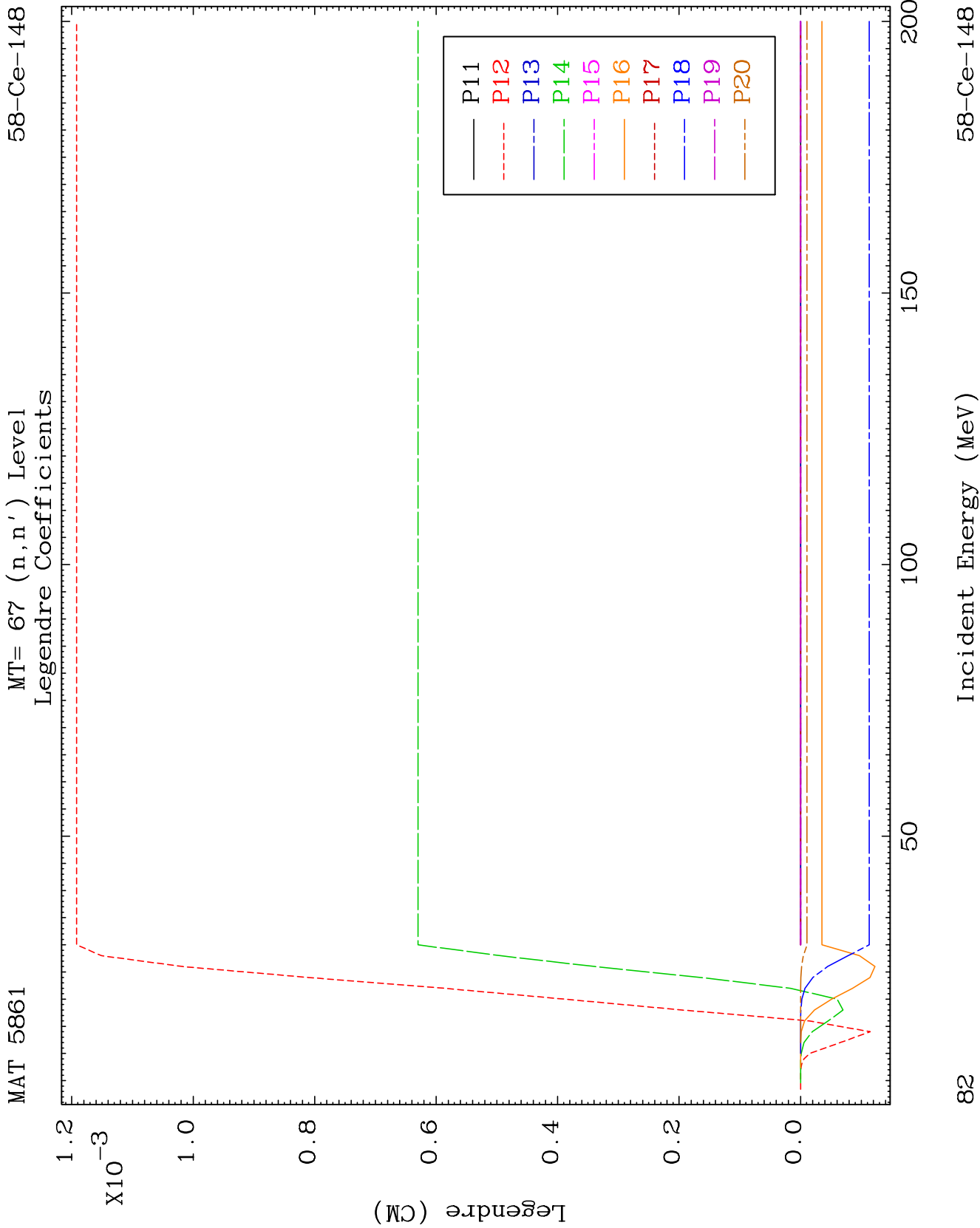


MAT 5861

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

58-Ce-148

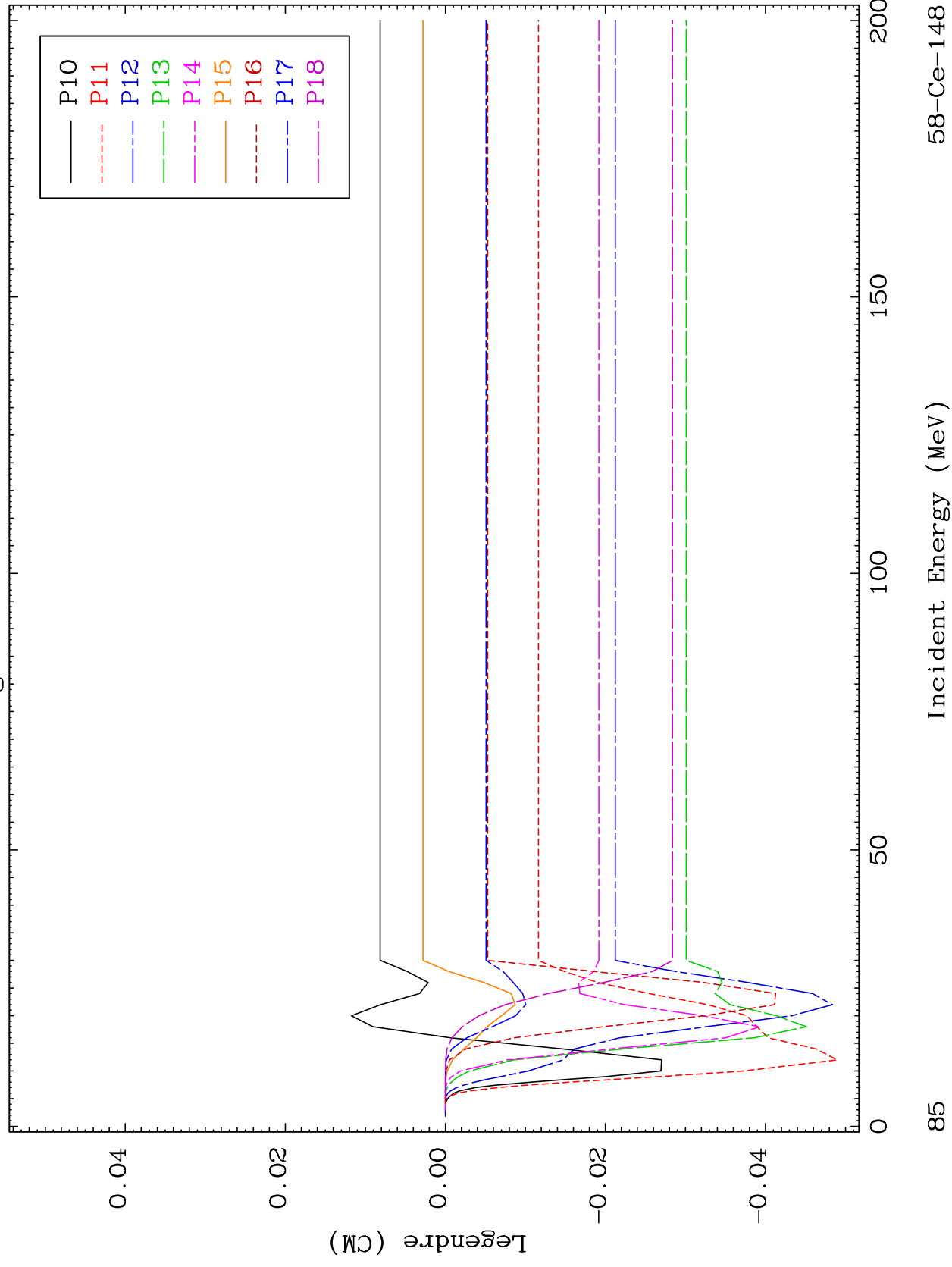


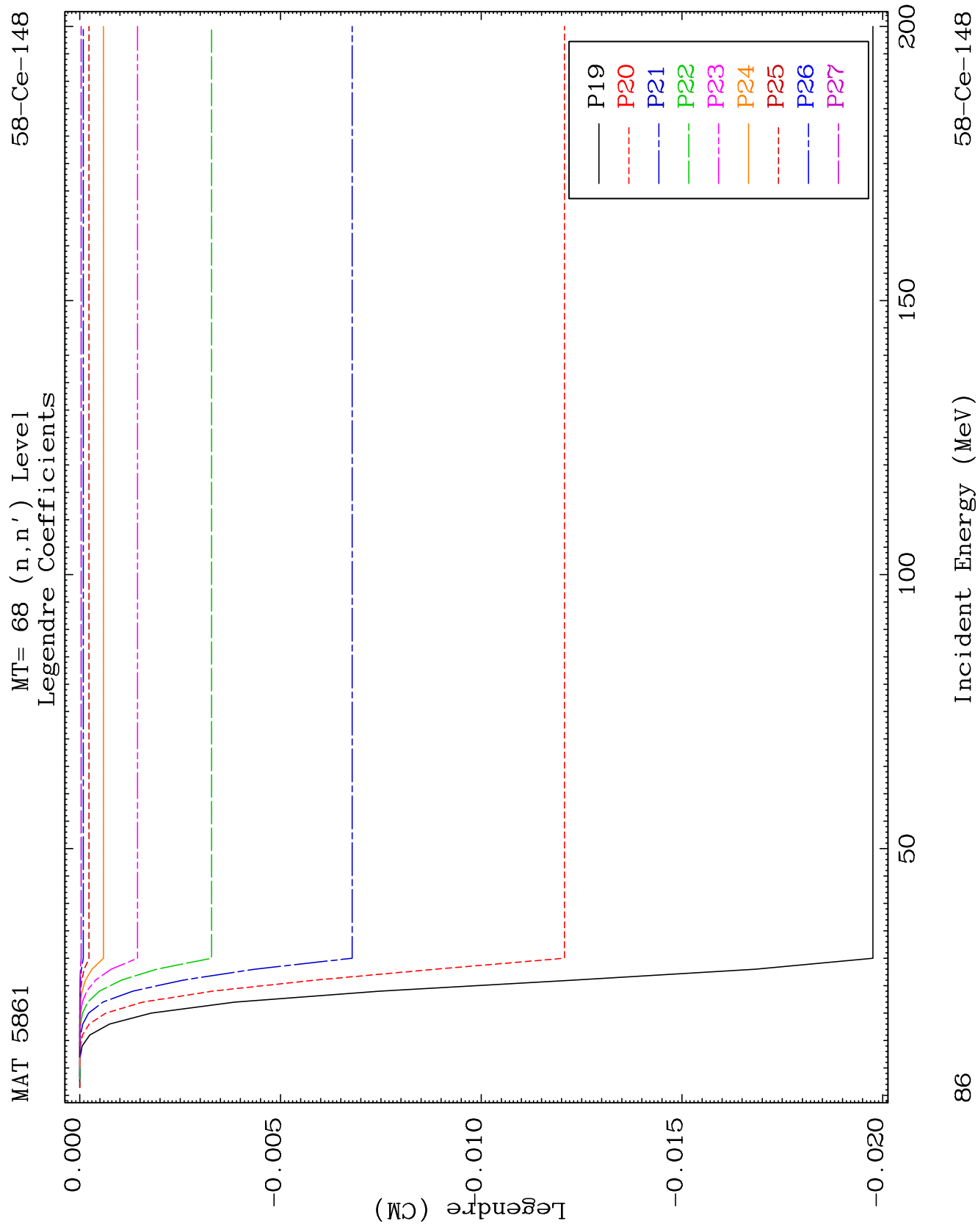


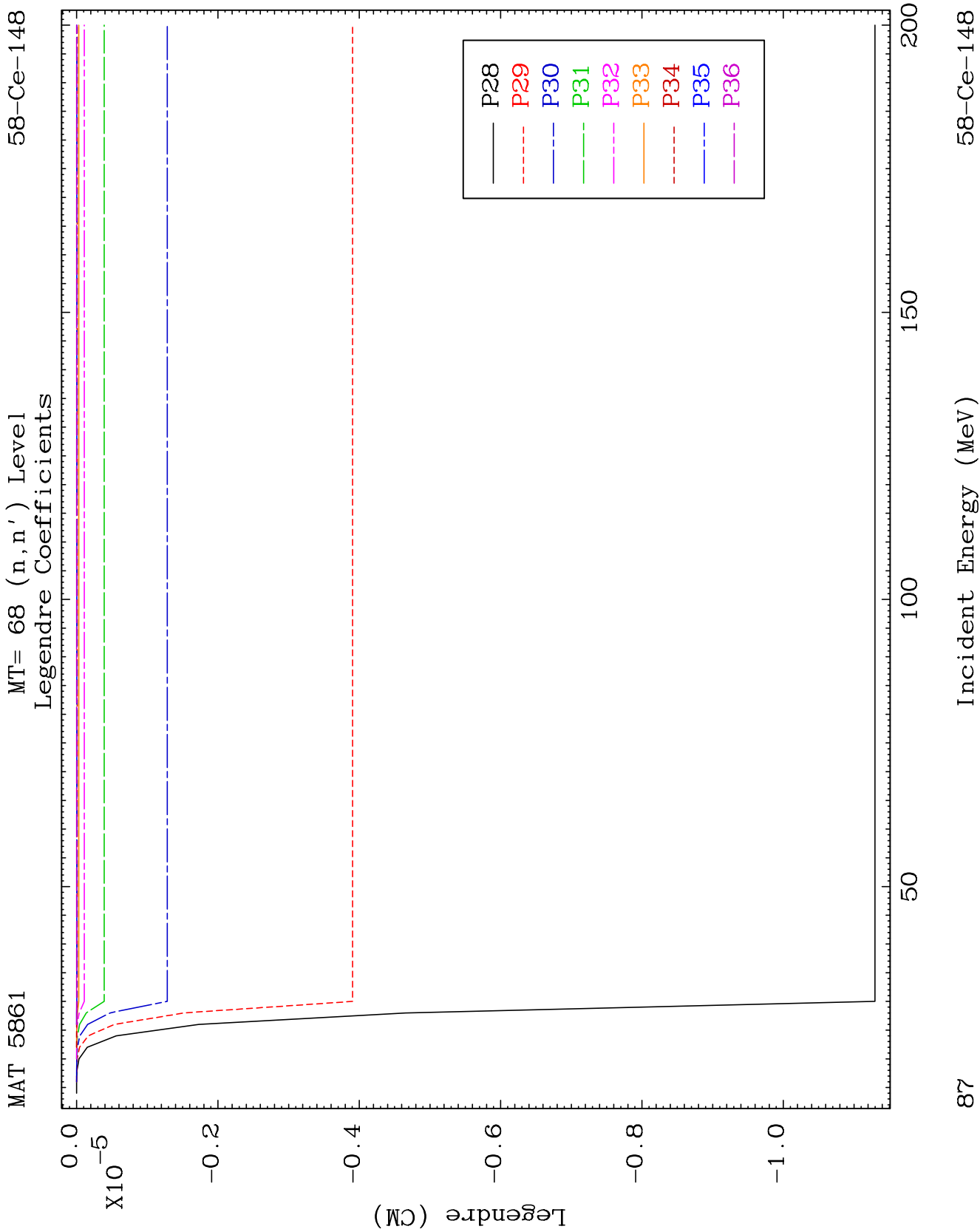
MAT 5861

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

58-Ce-148



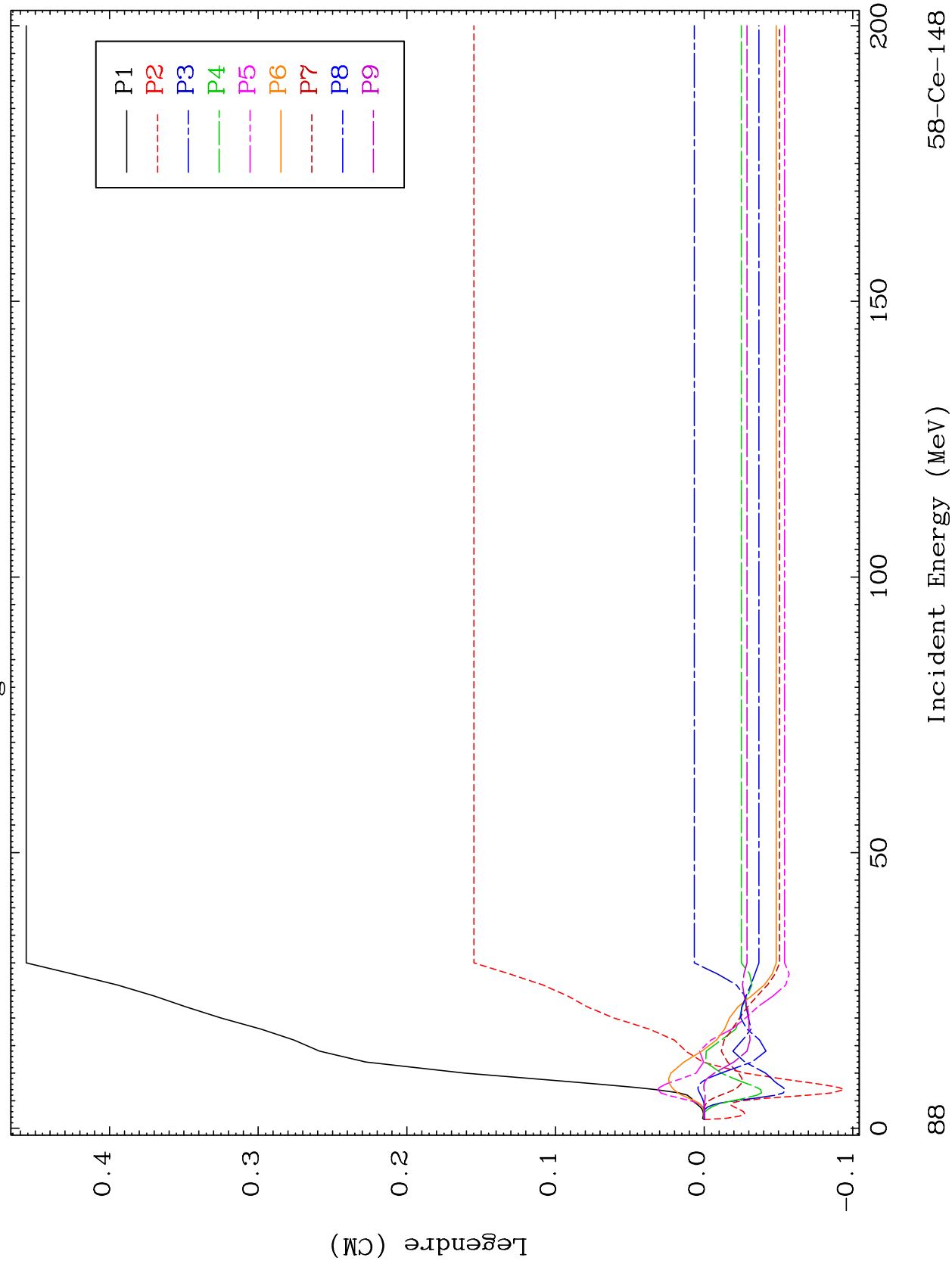


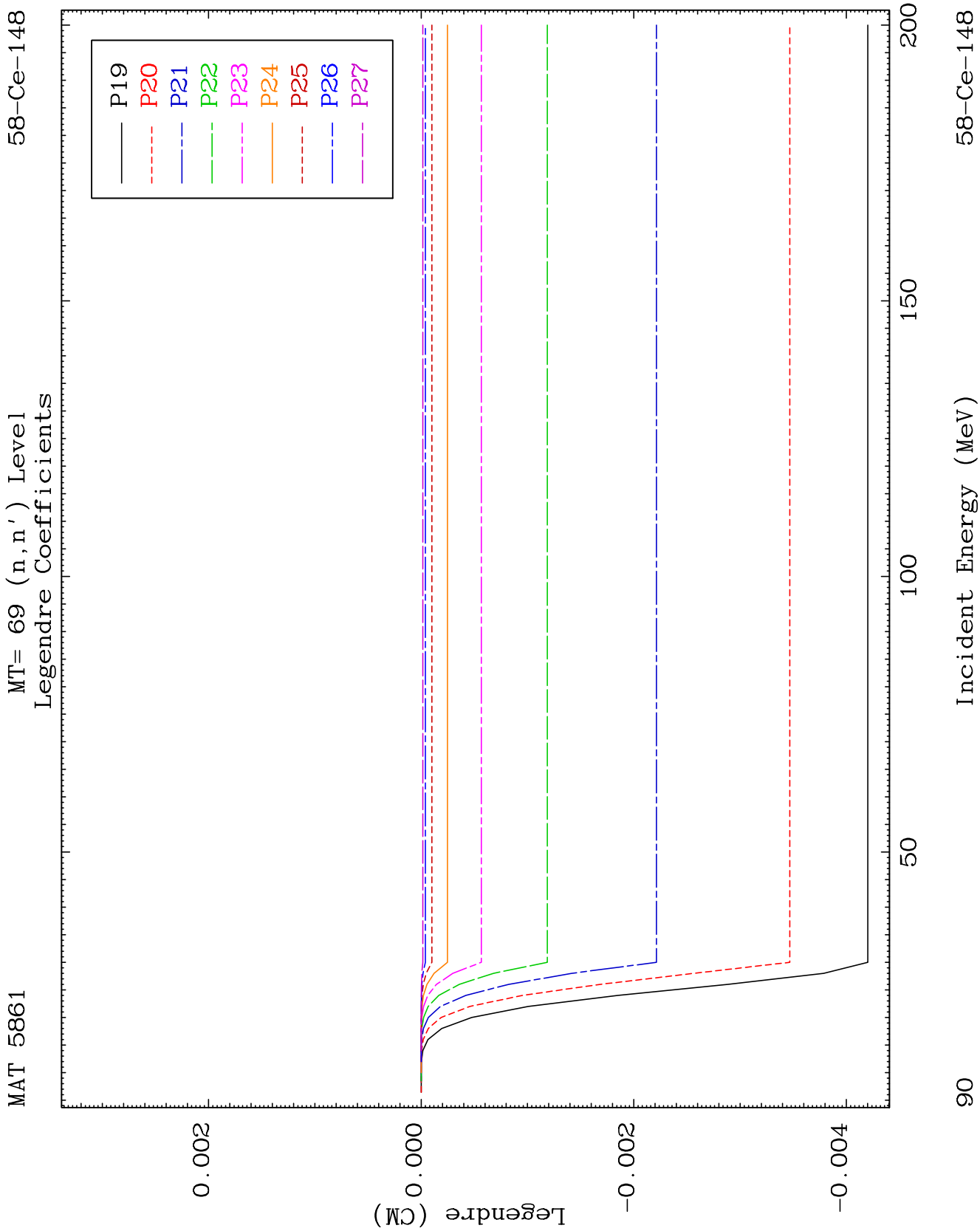


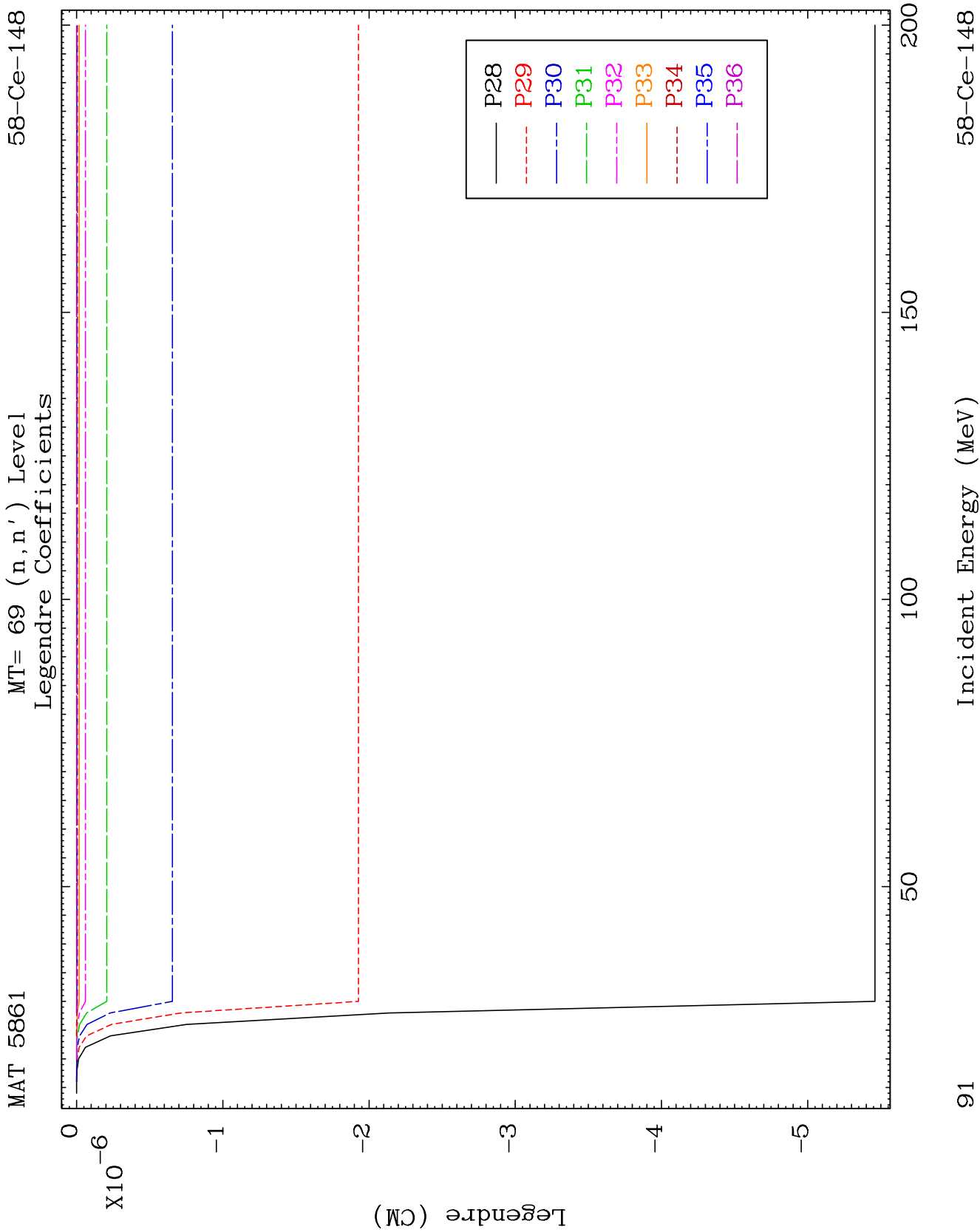
MAT 5861

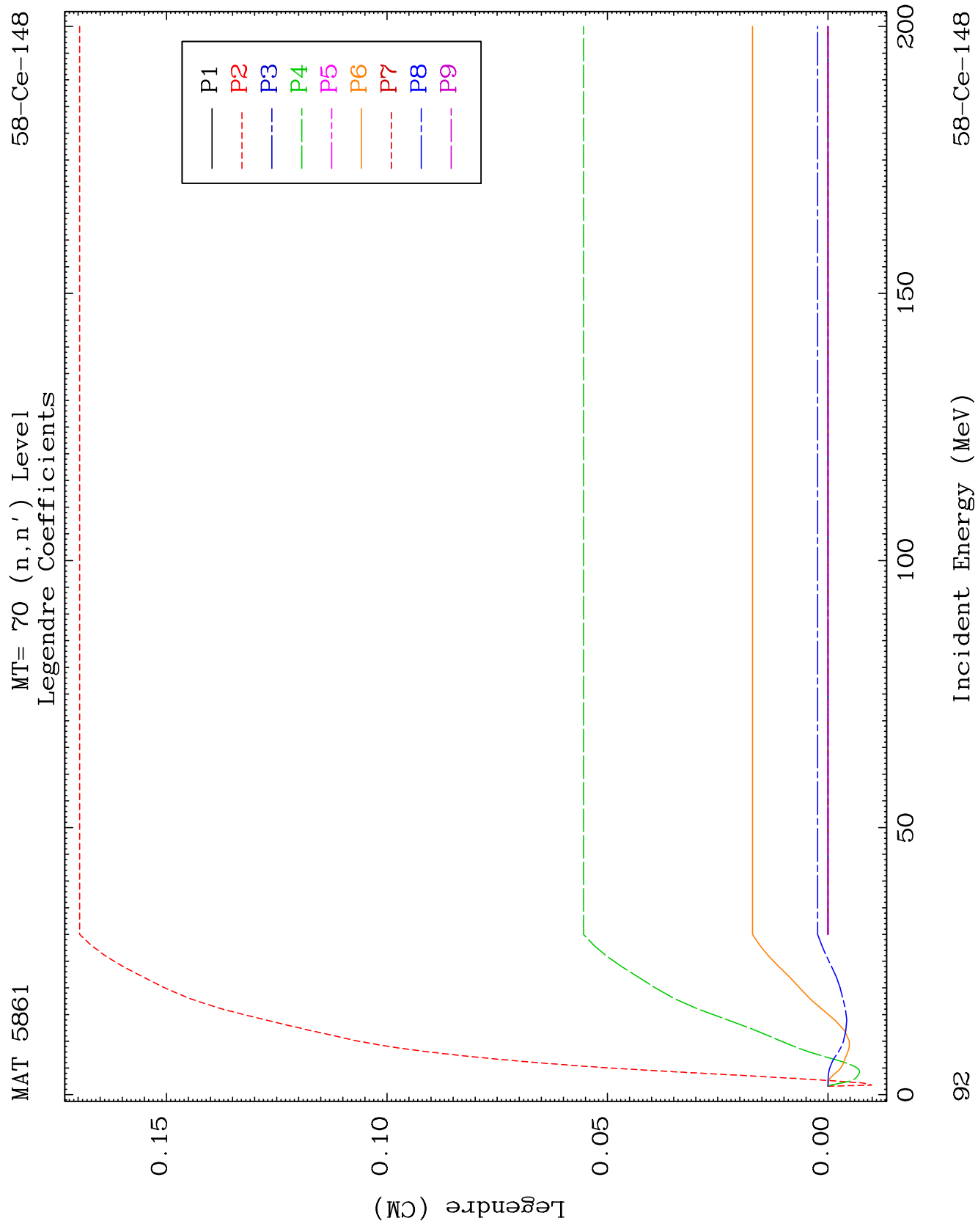
MT= 69 (n, n') Level
Legendre Coefficients

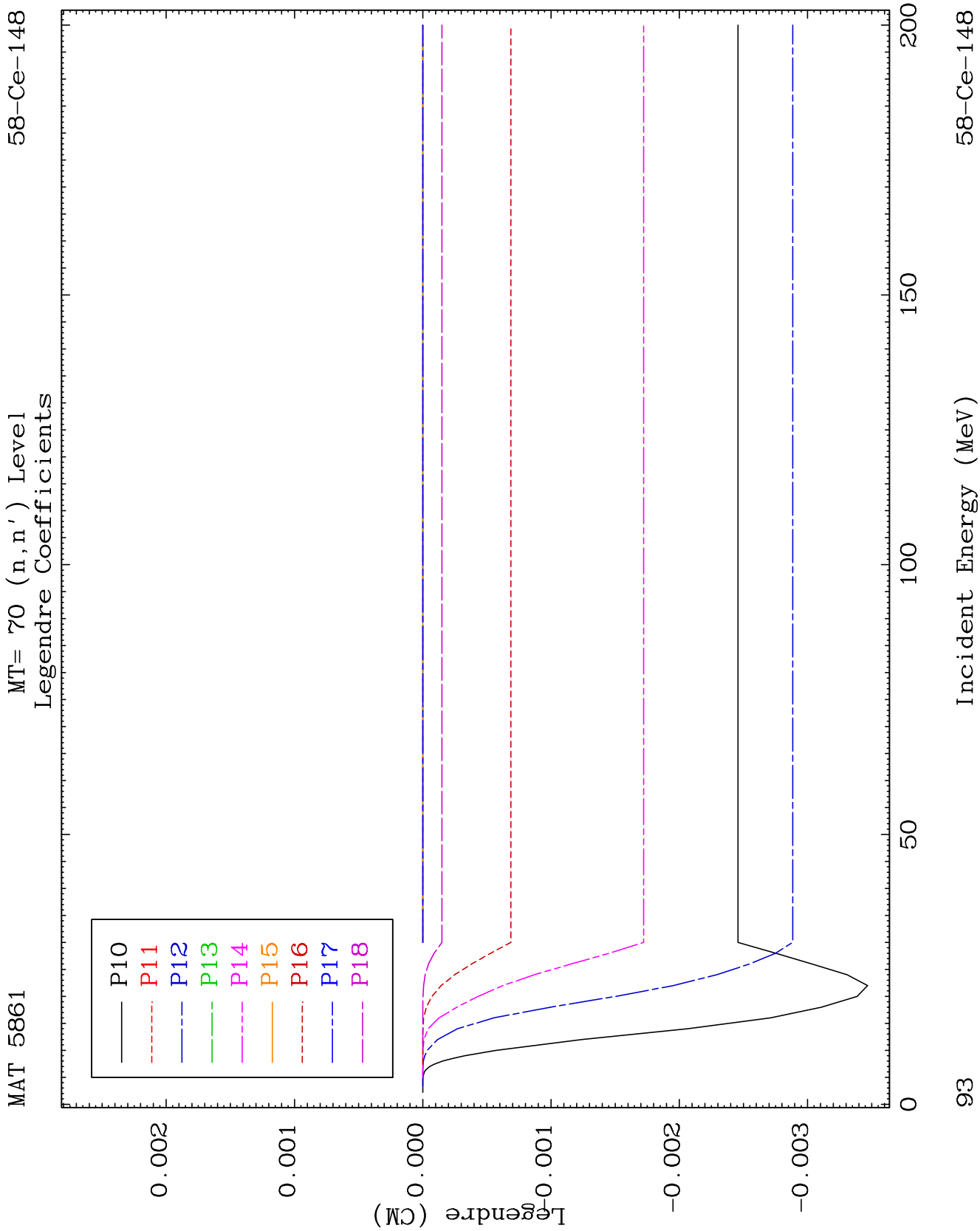
58-Ce-148

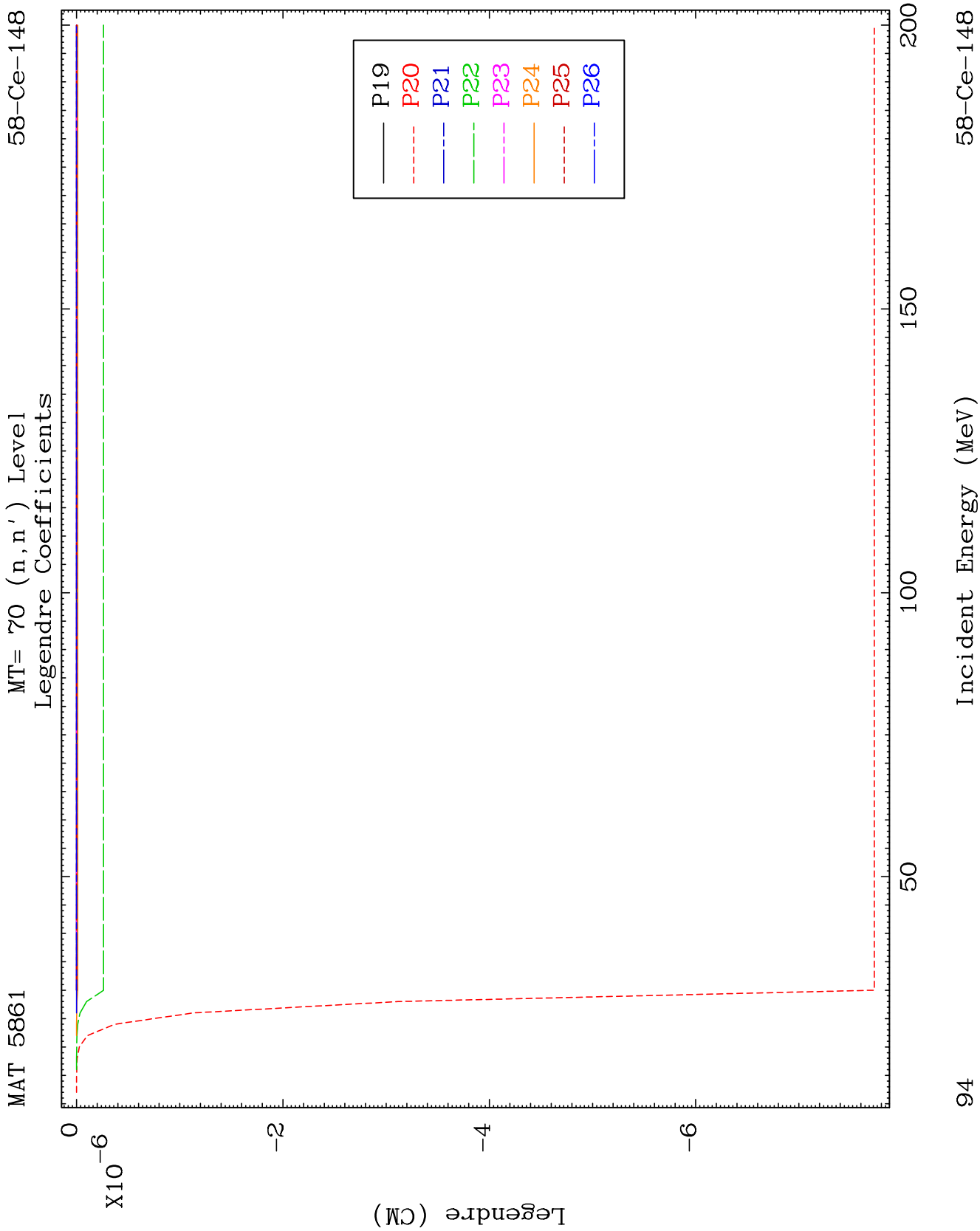








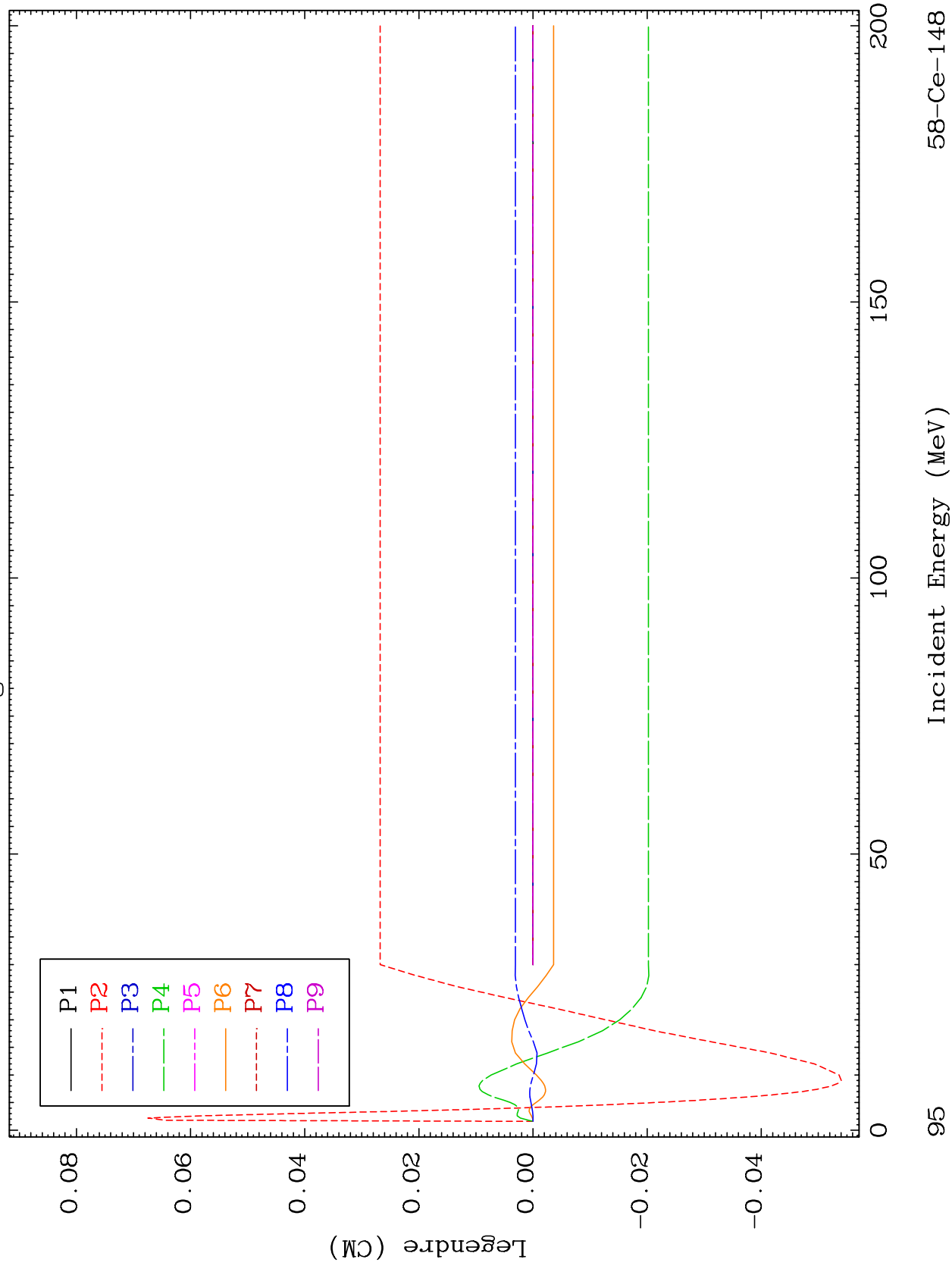


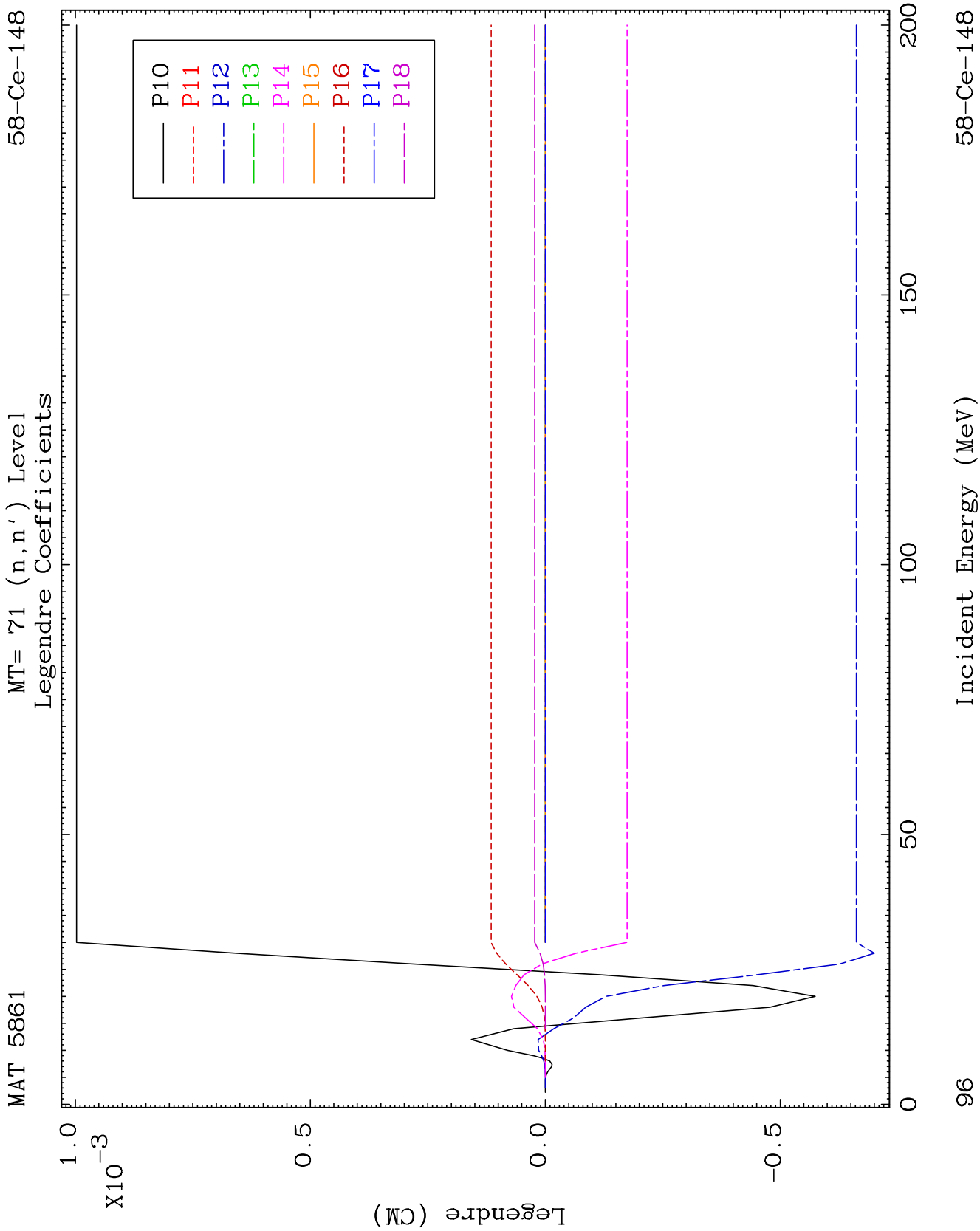


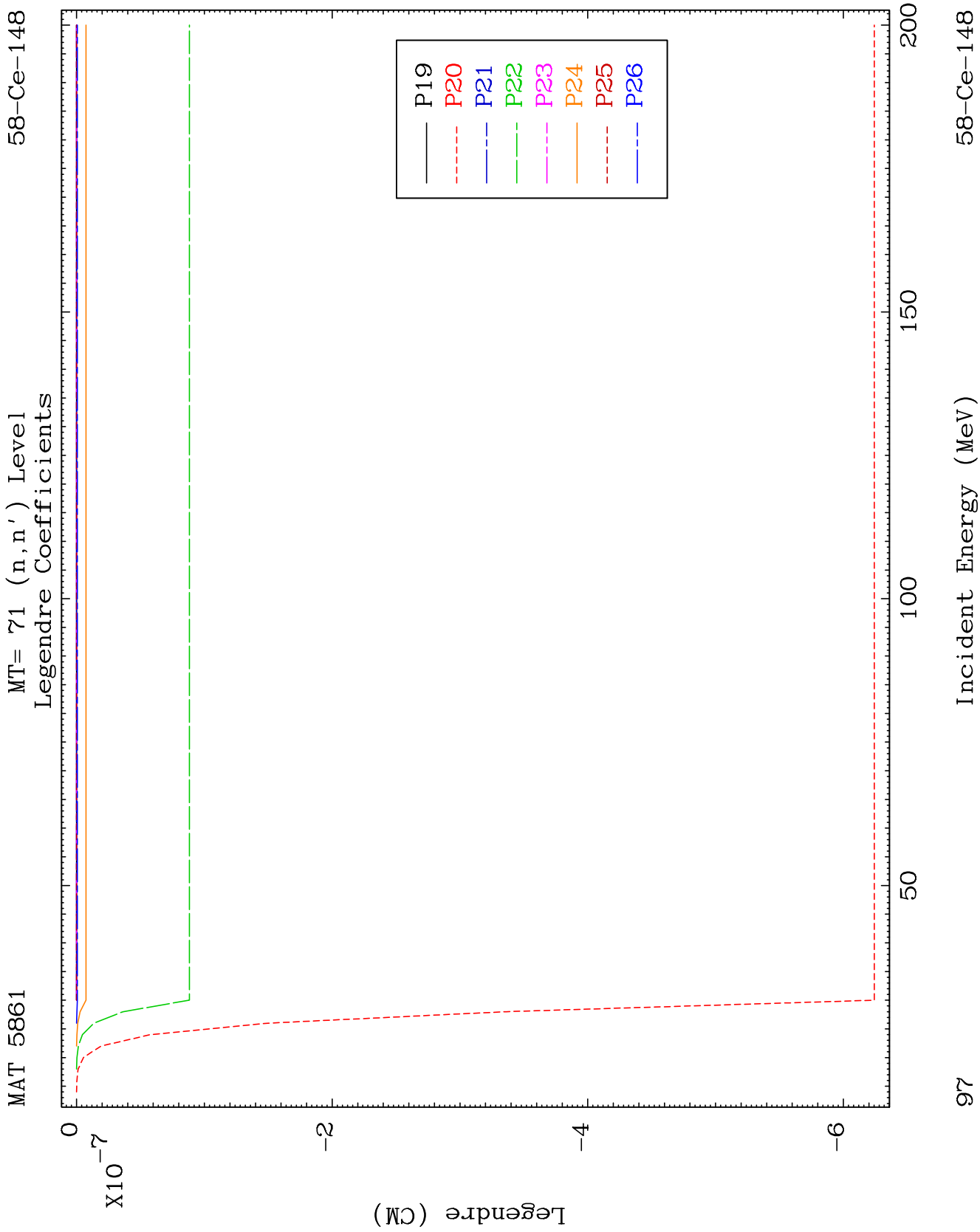
MAT 5861

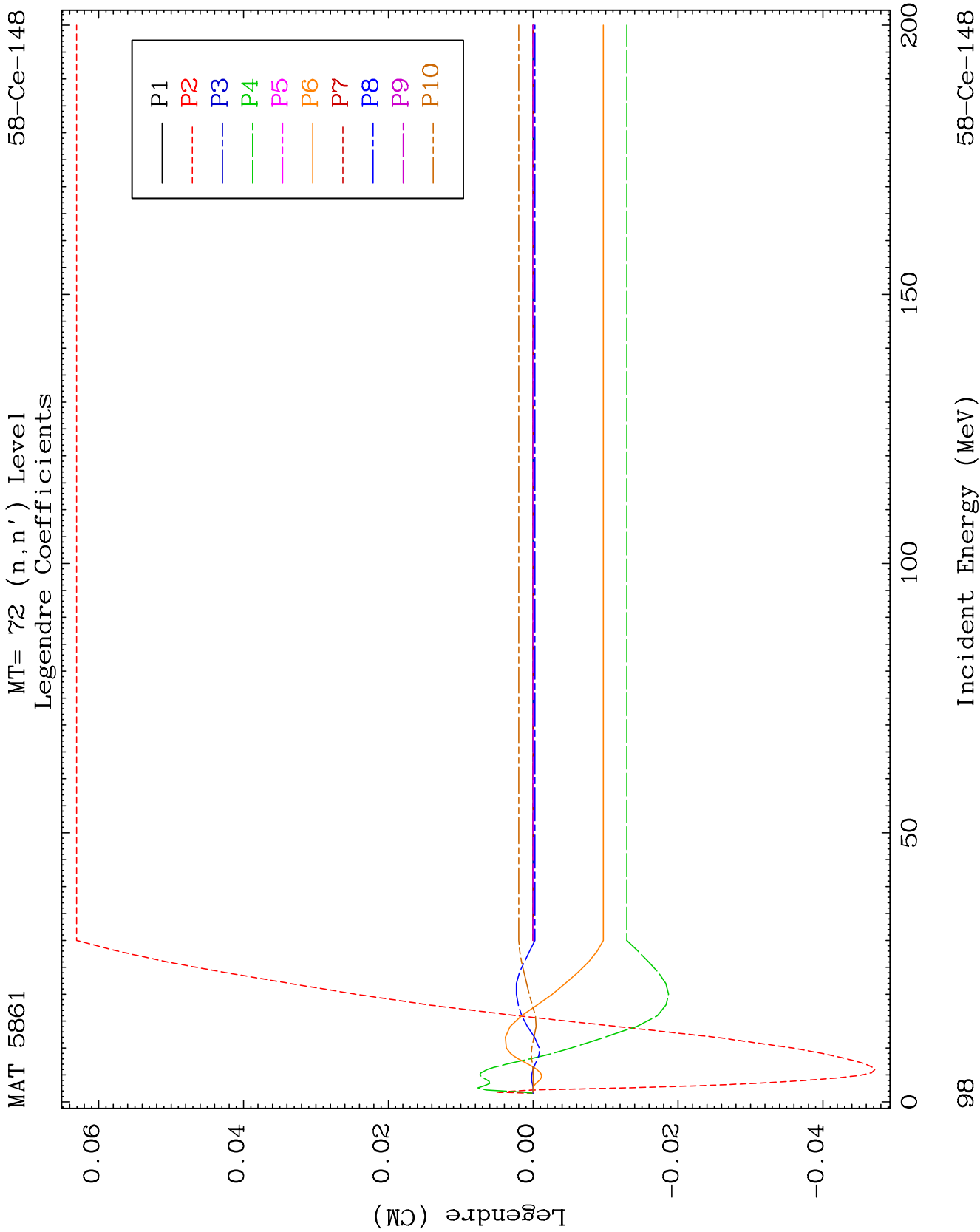
MT= 71 (n, n') Level
Legendre Coefficients

58-Ce-148





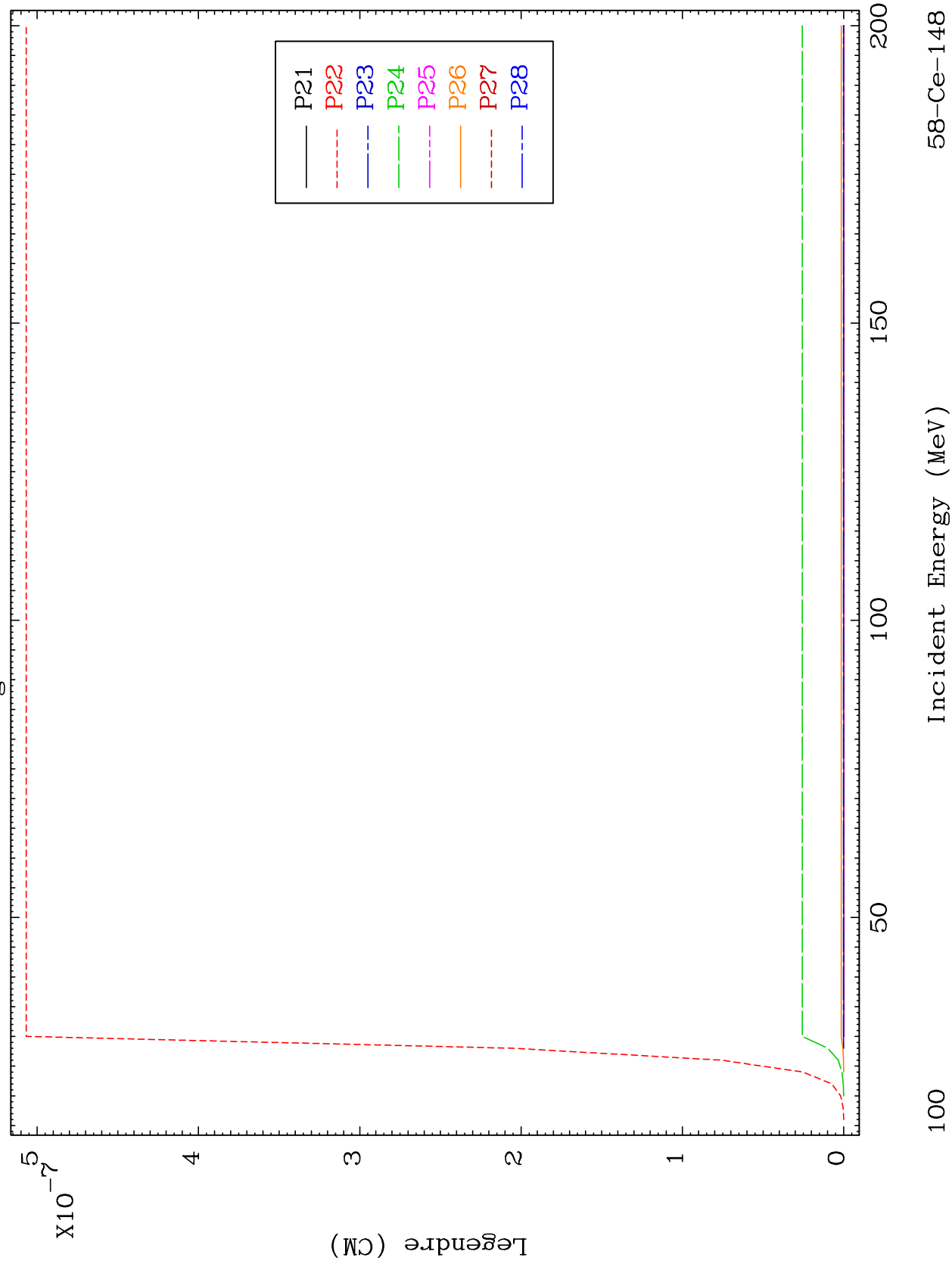


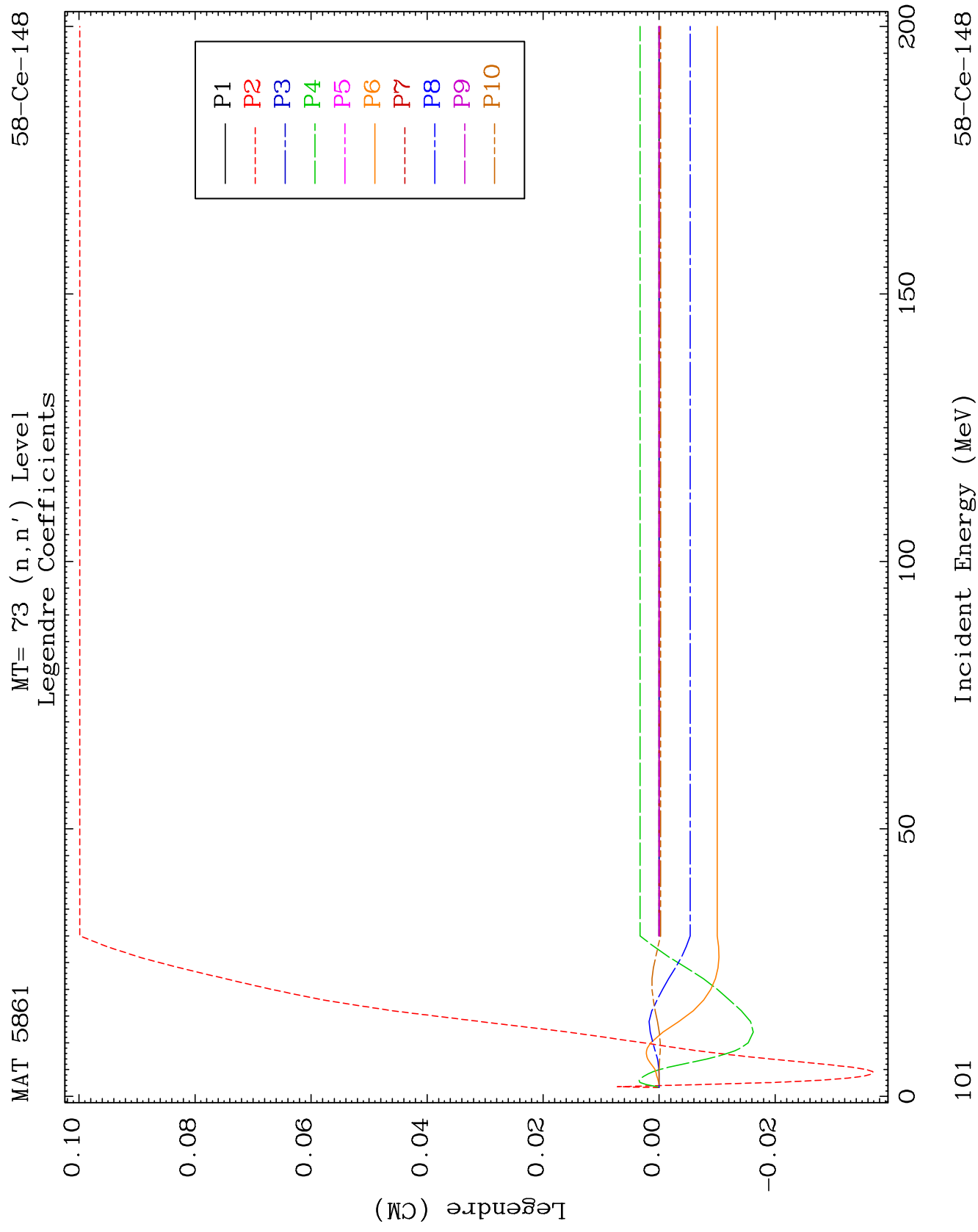


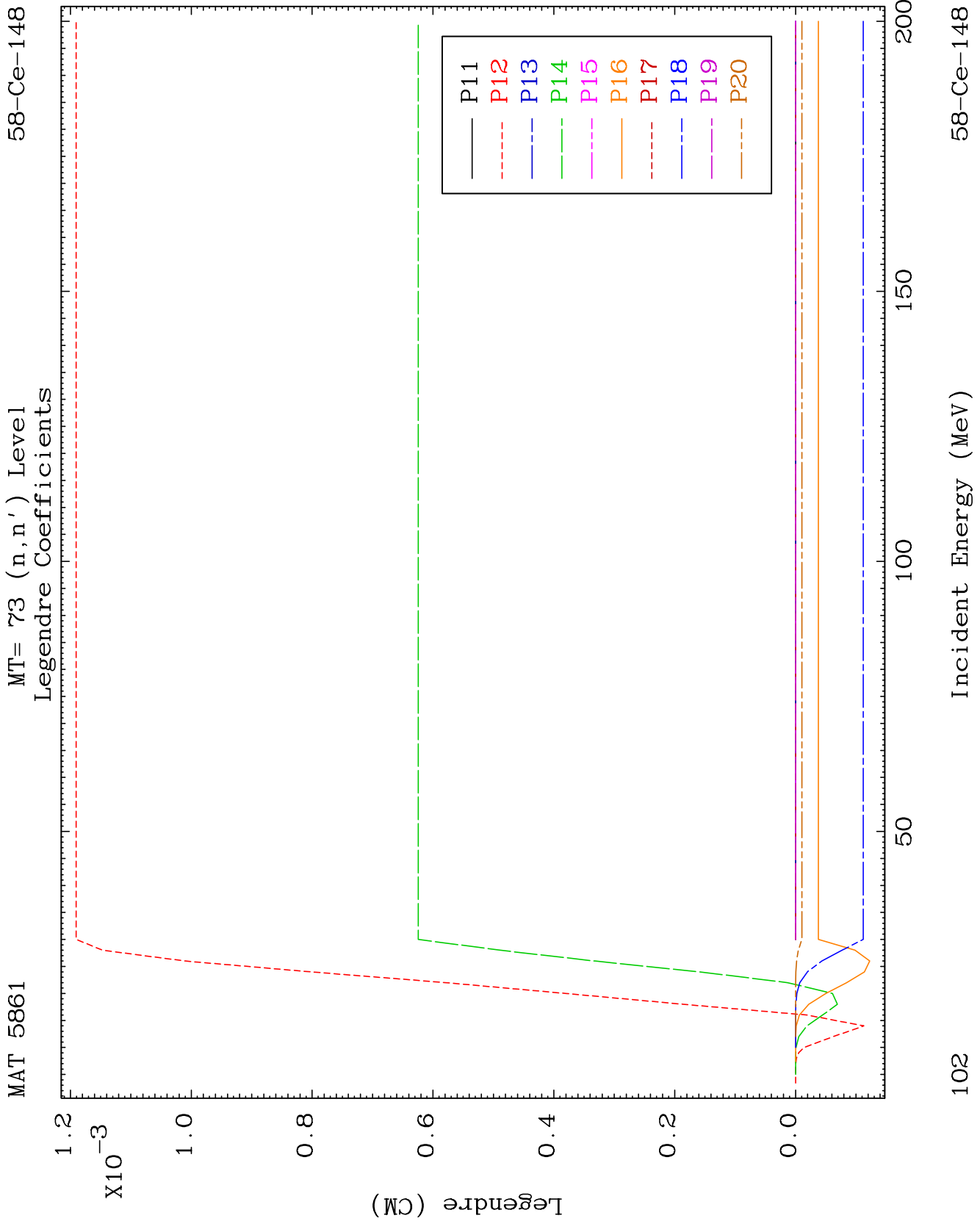
MAT 5861

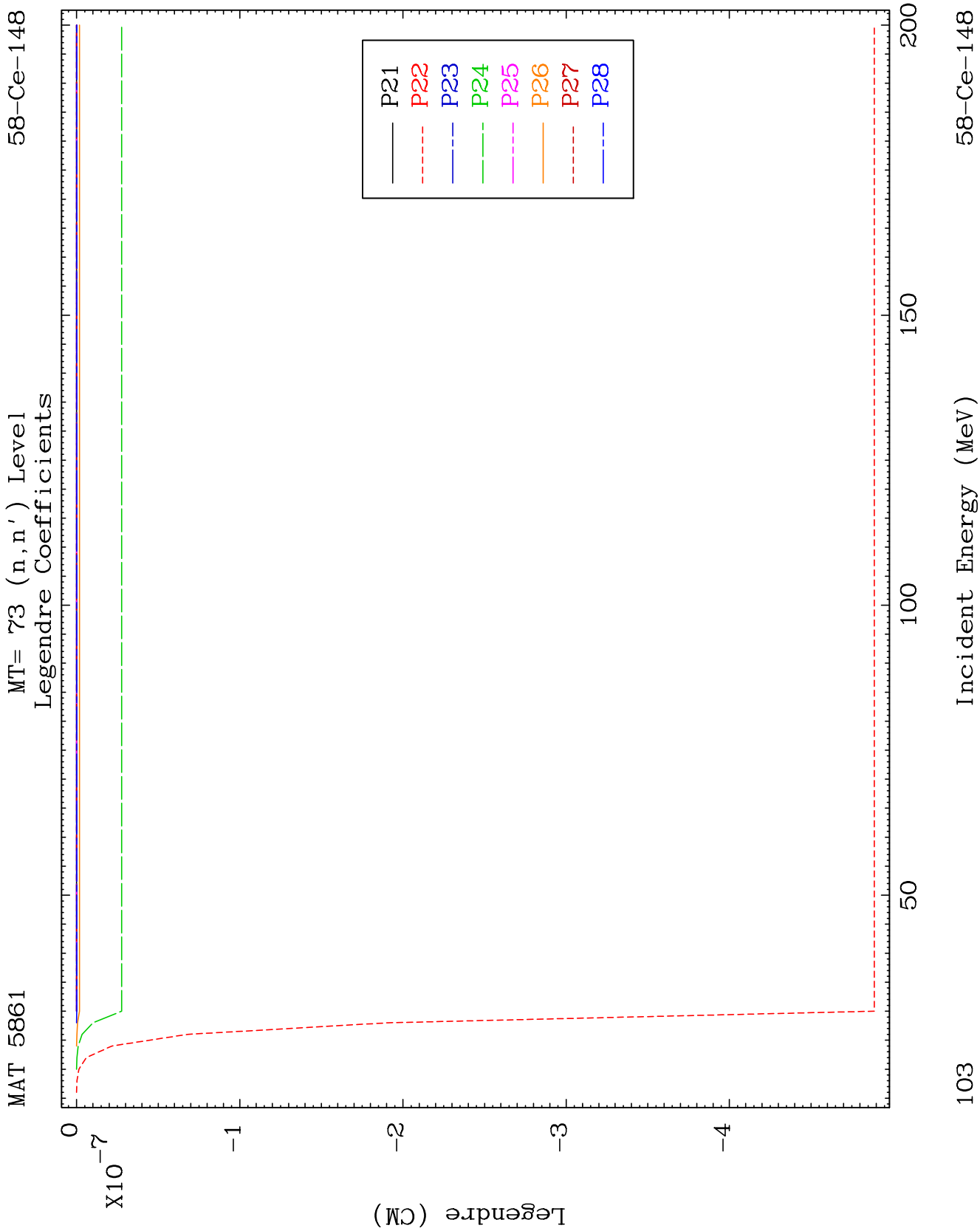
MT= 72 (n, n') Level
Legendre Coefficients

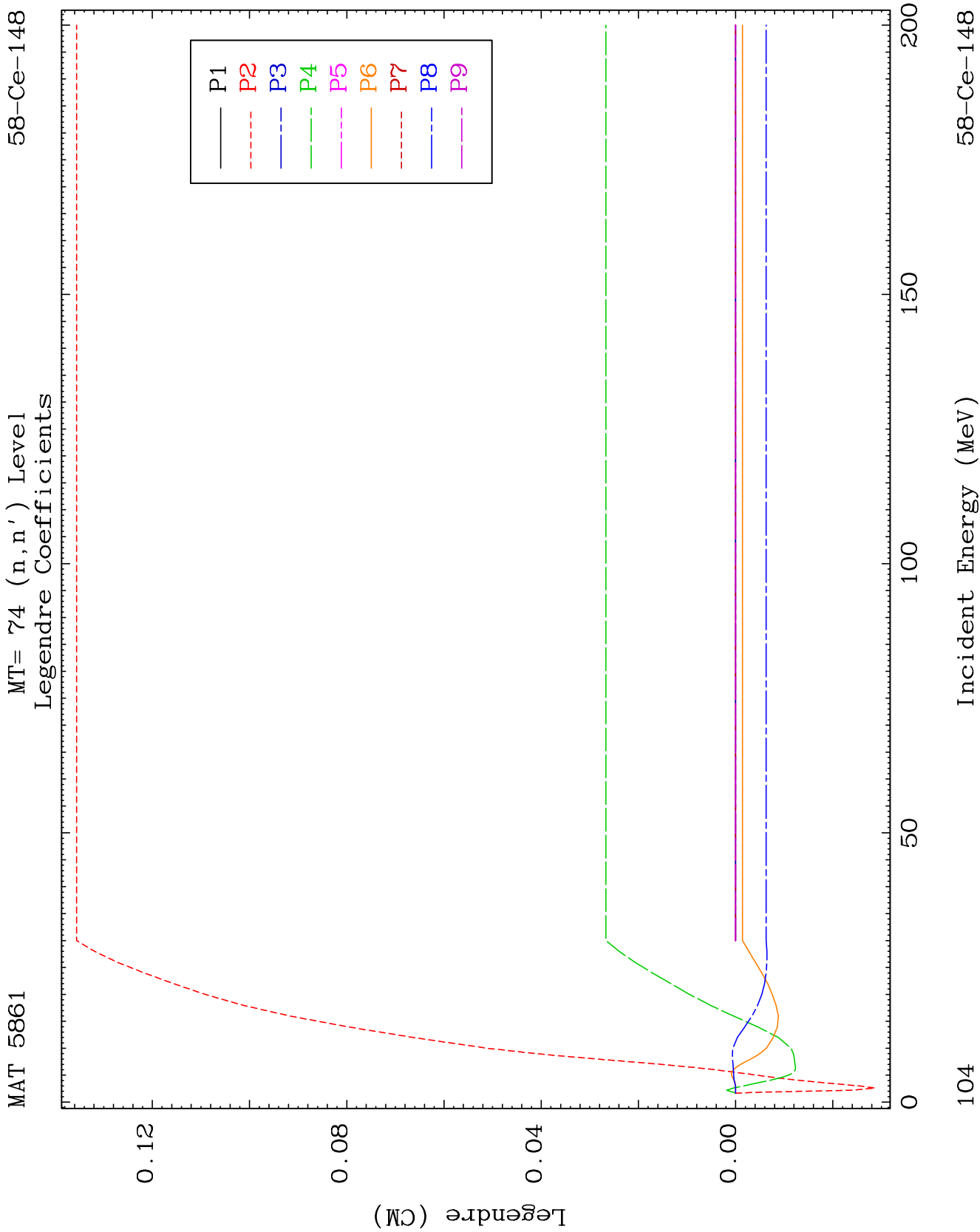
58-Ce-148

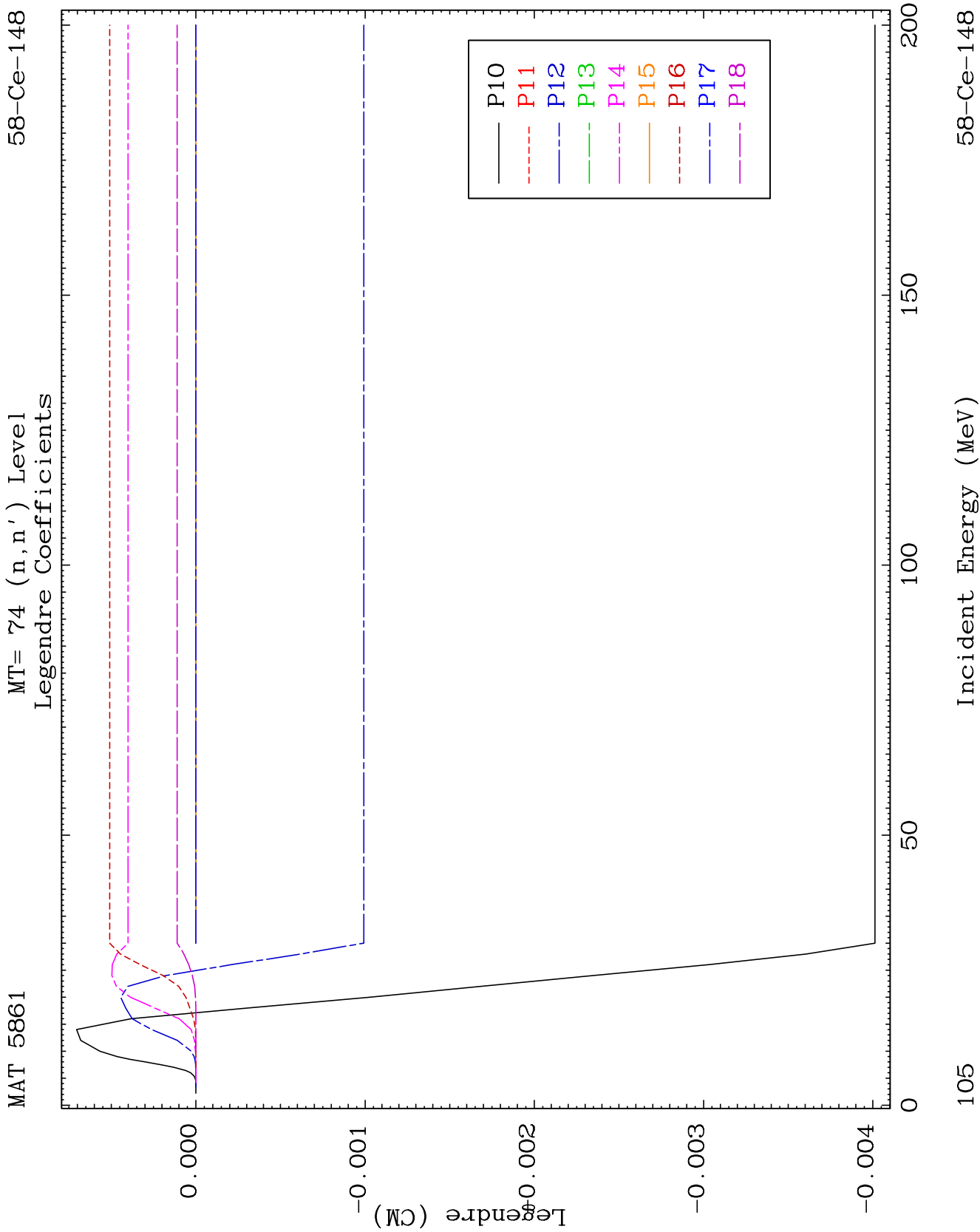


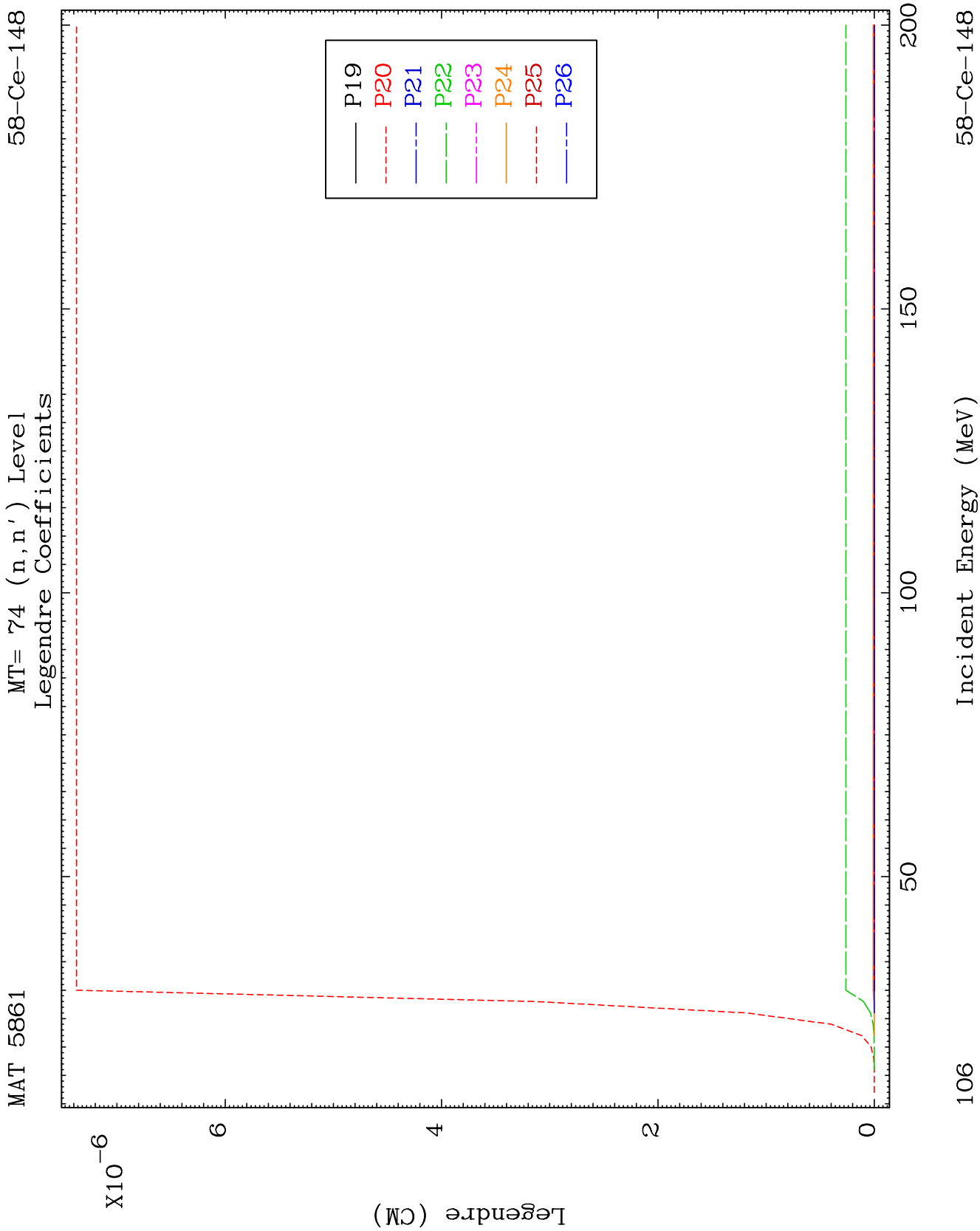








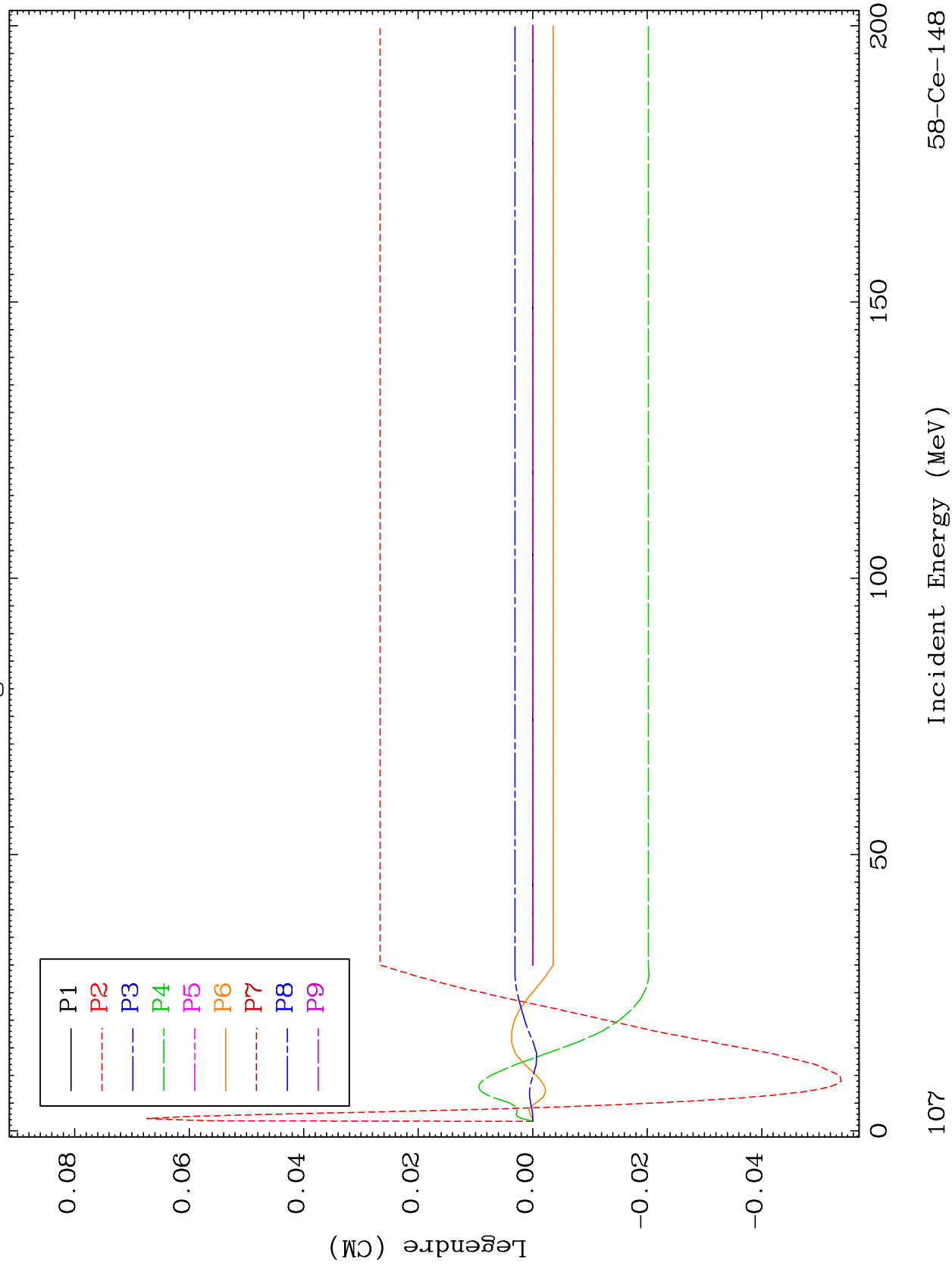


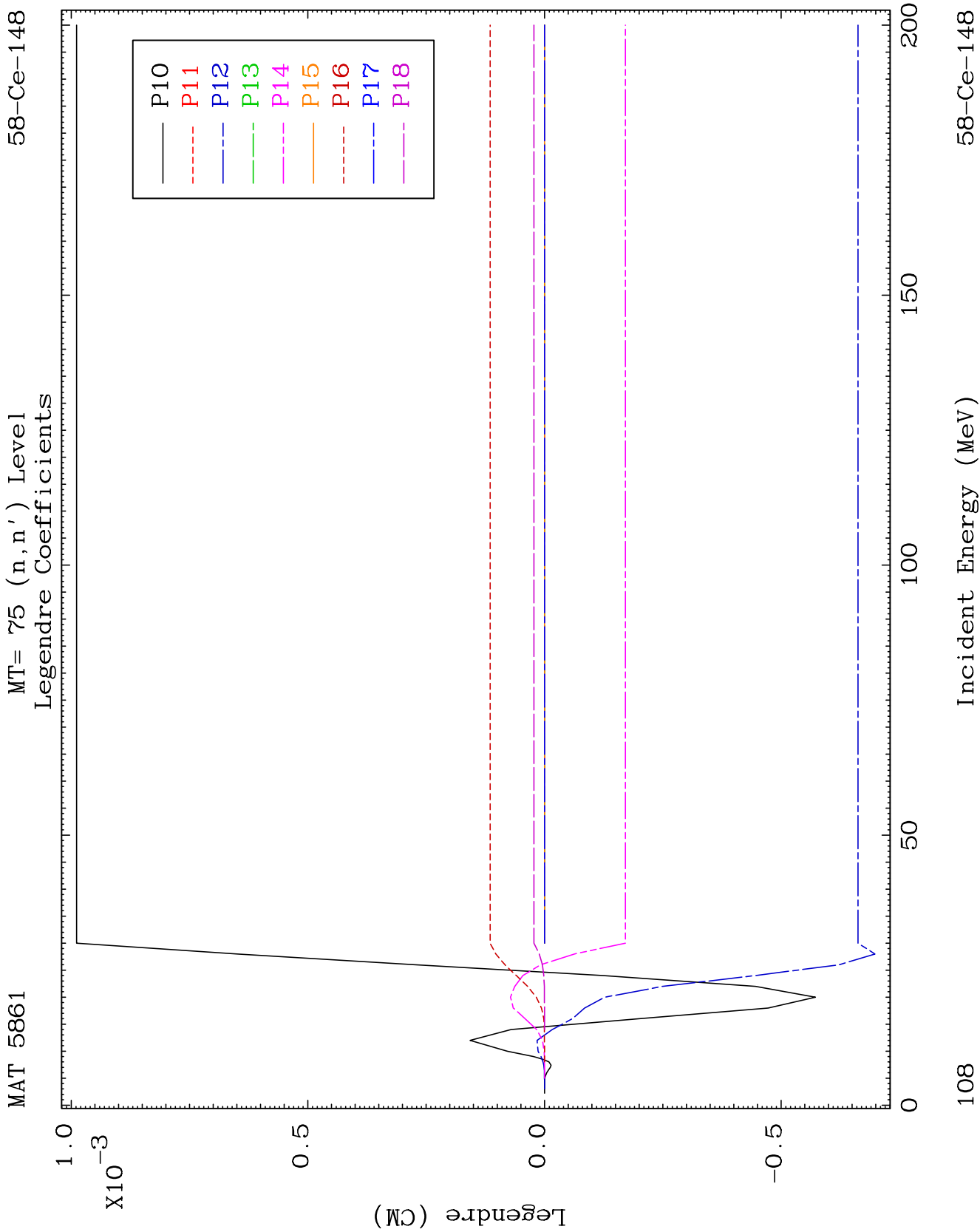


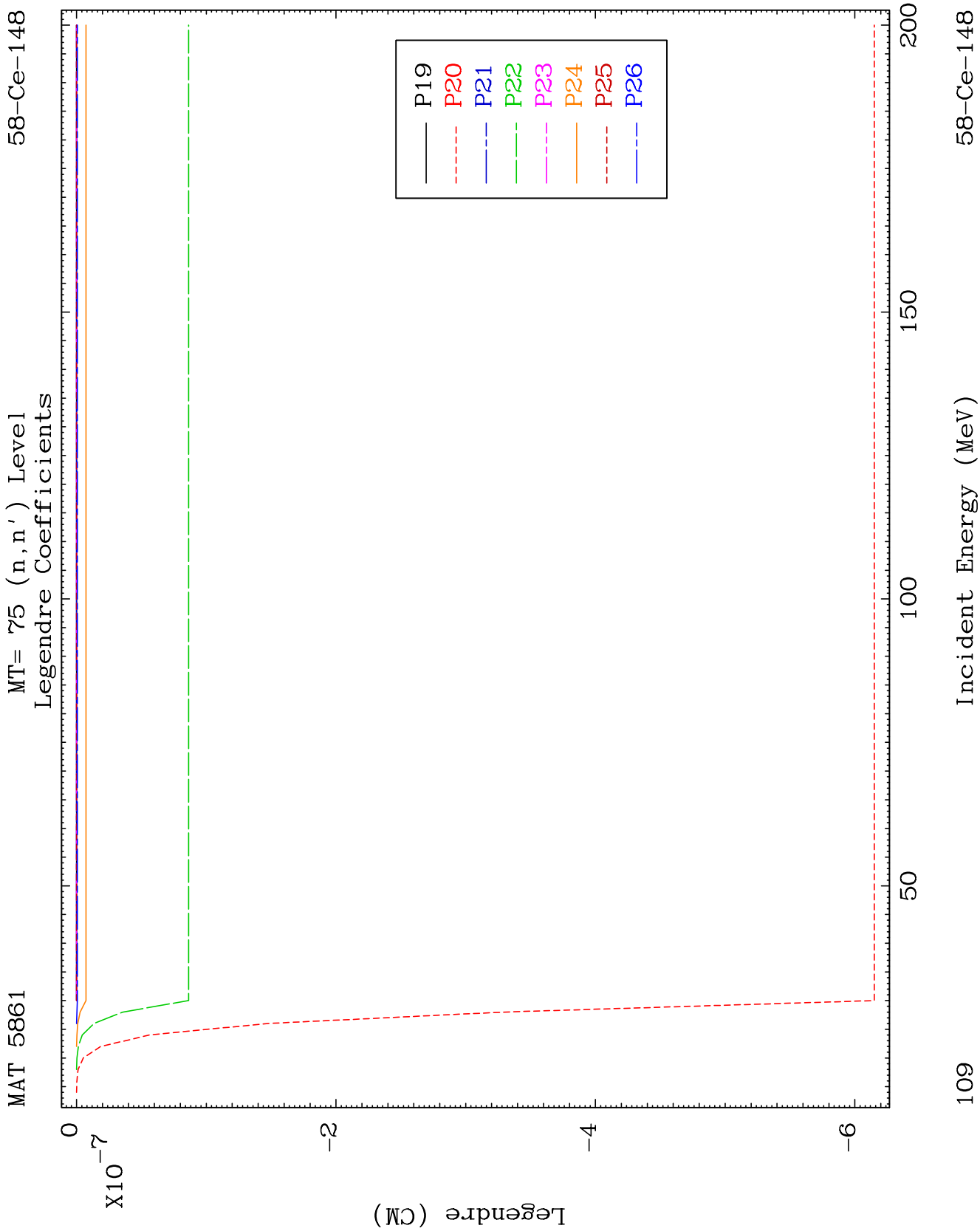
MAT 5861

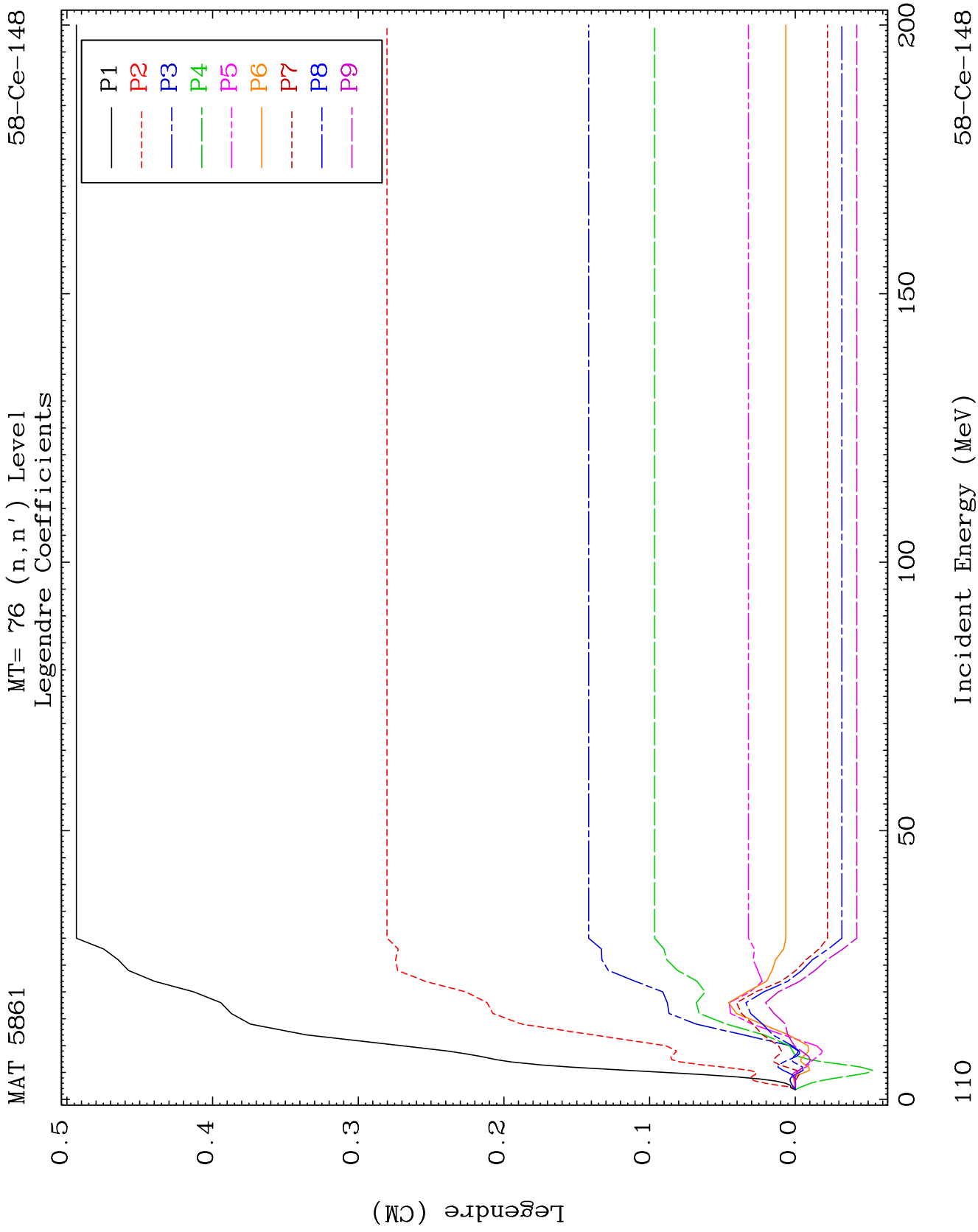
MT= 75 (n, n') Level
Legendre Coefficients

58-Ce-148





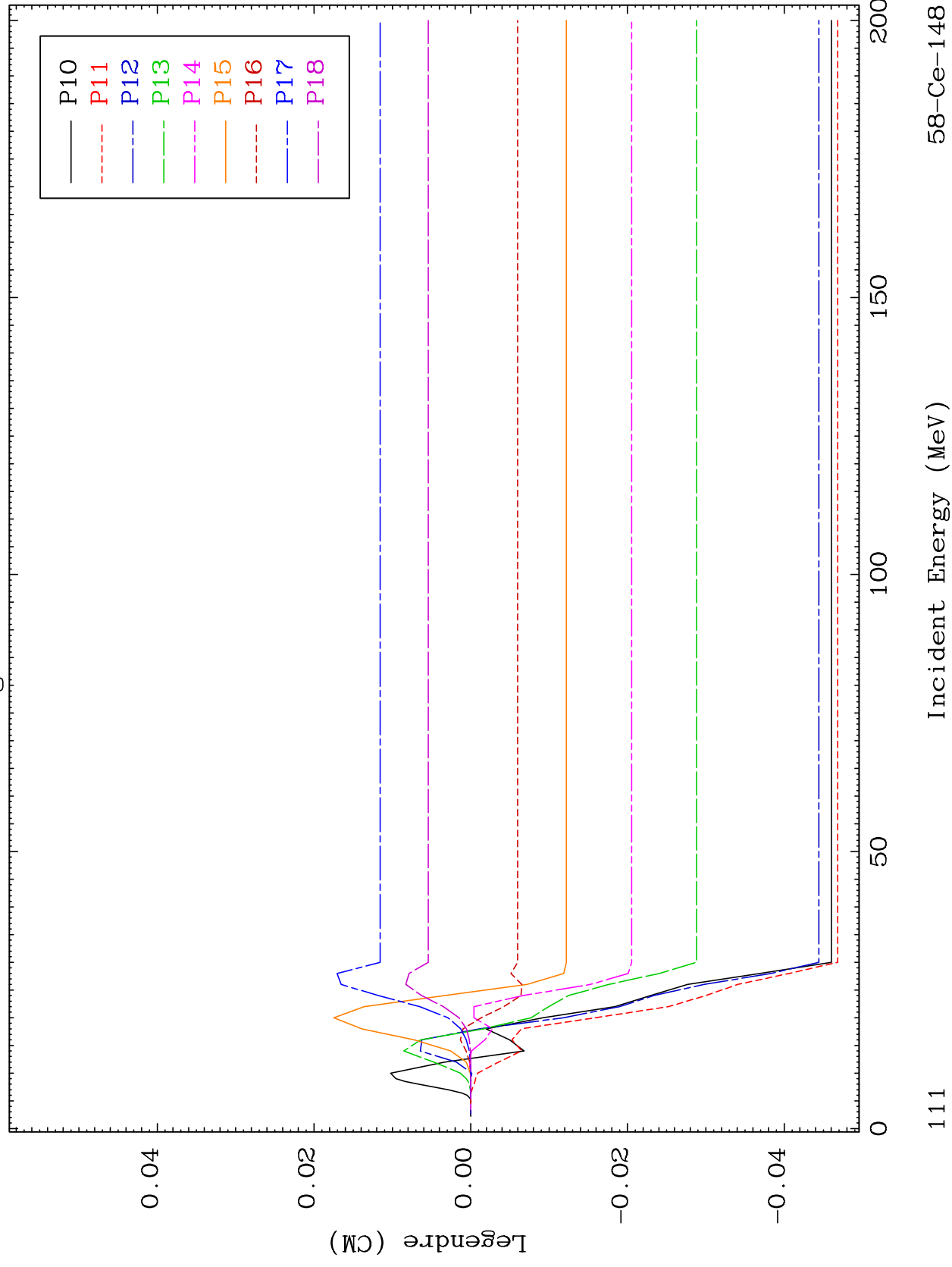




MAT 5861

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

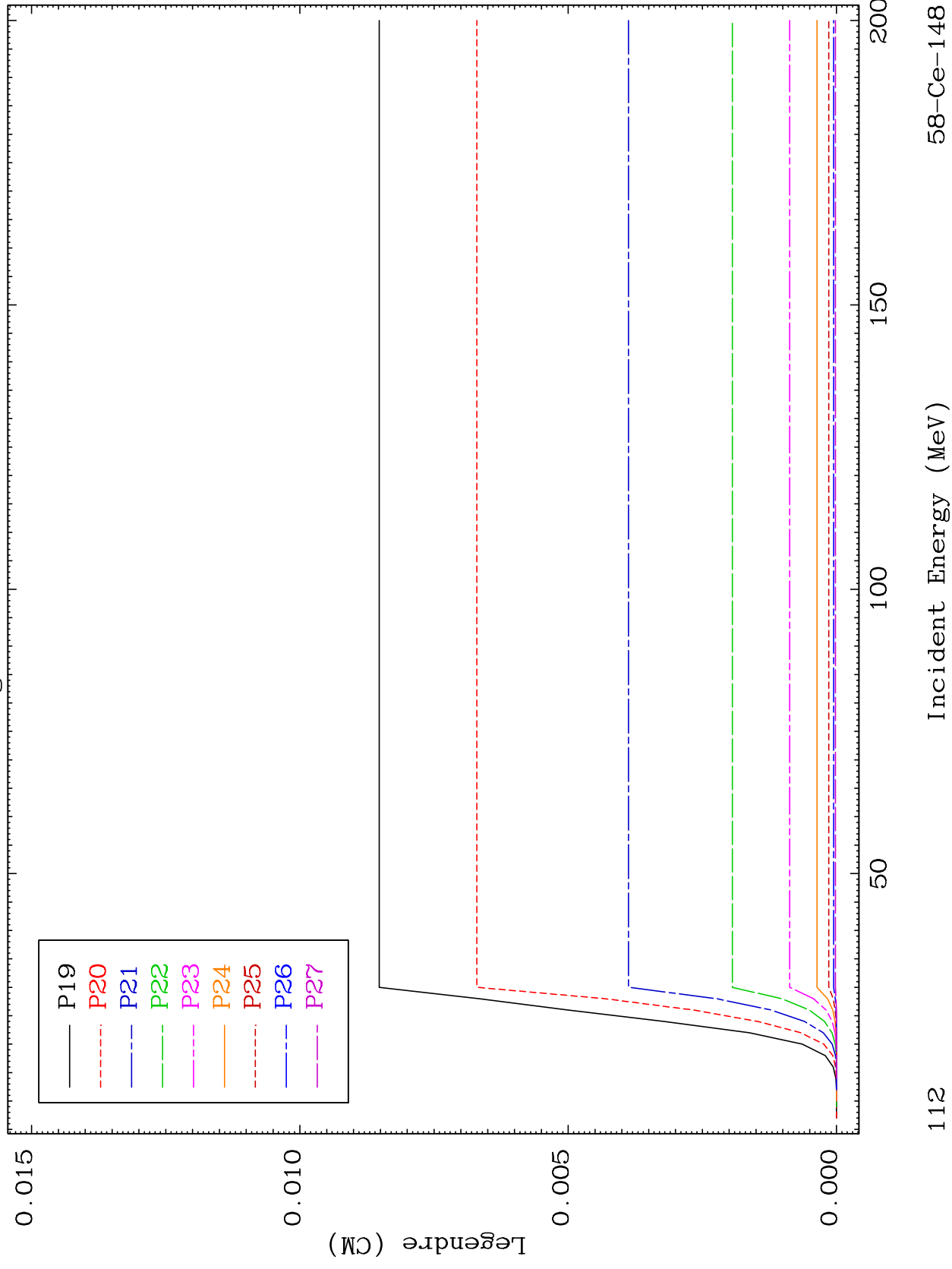
58-Ce-148

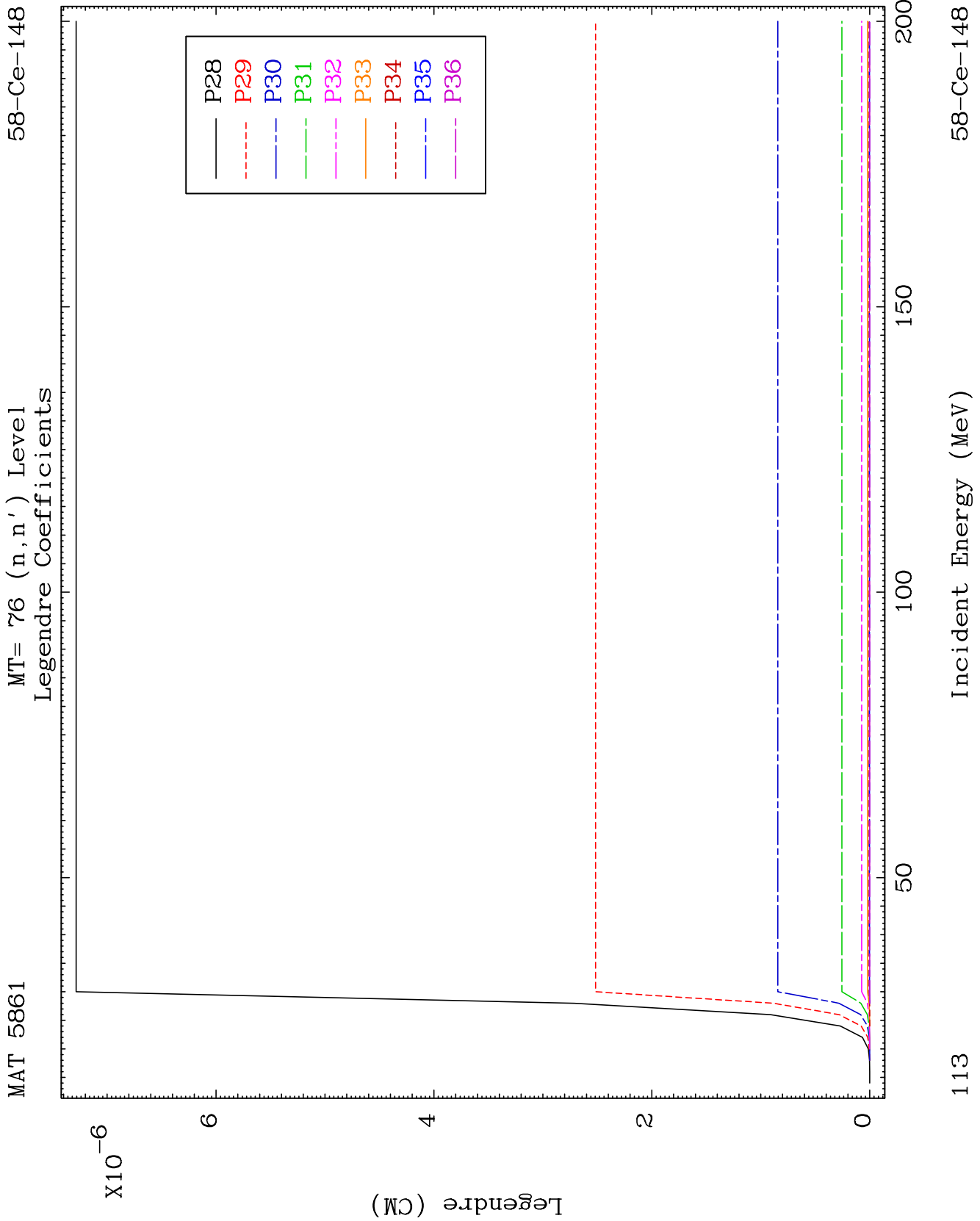


MAT 5861

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

58-Ce-148

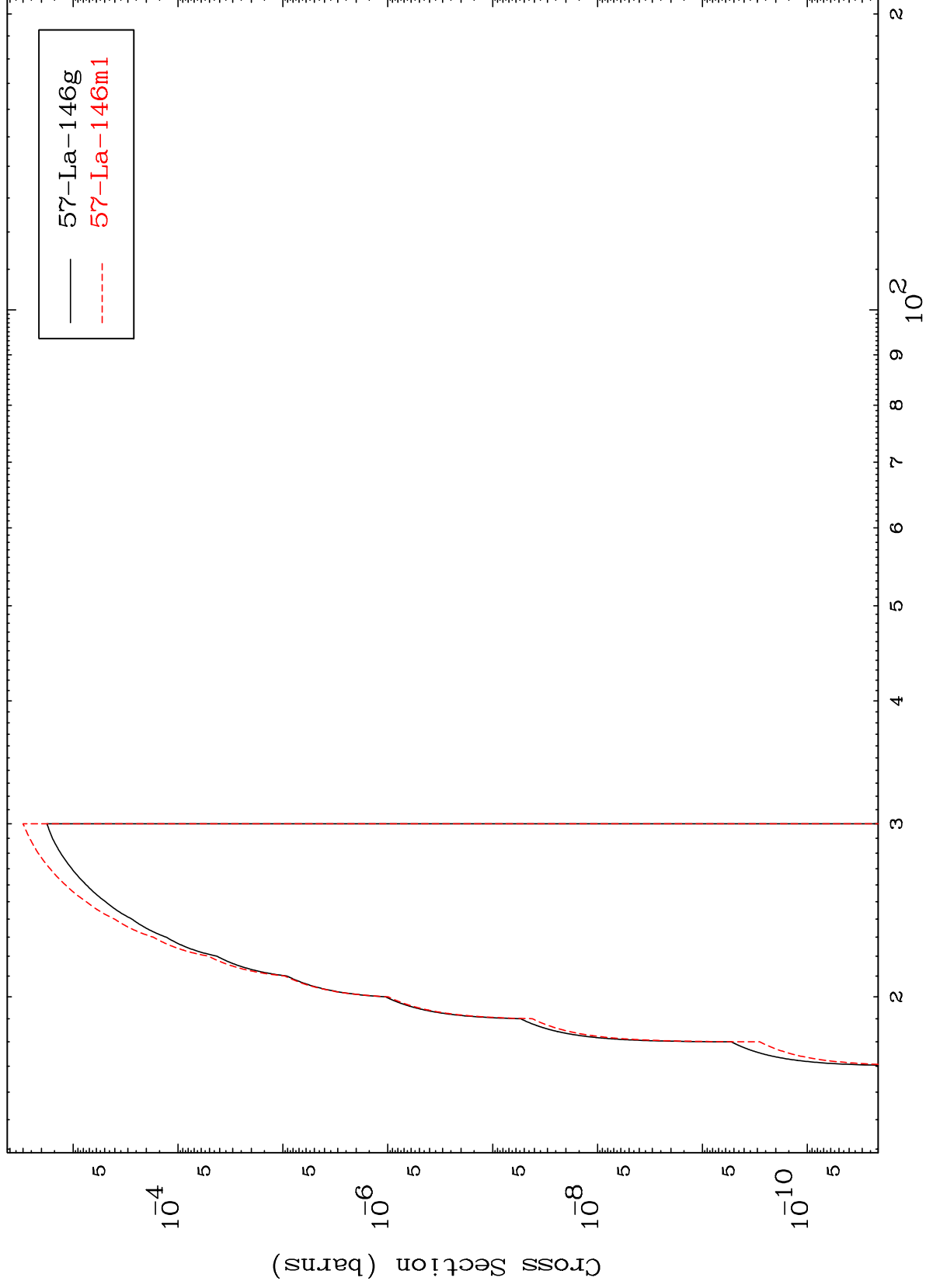




MAT 5861

58-Ce-148

(n,n') d
Radionuclide Production Cross Section



114

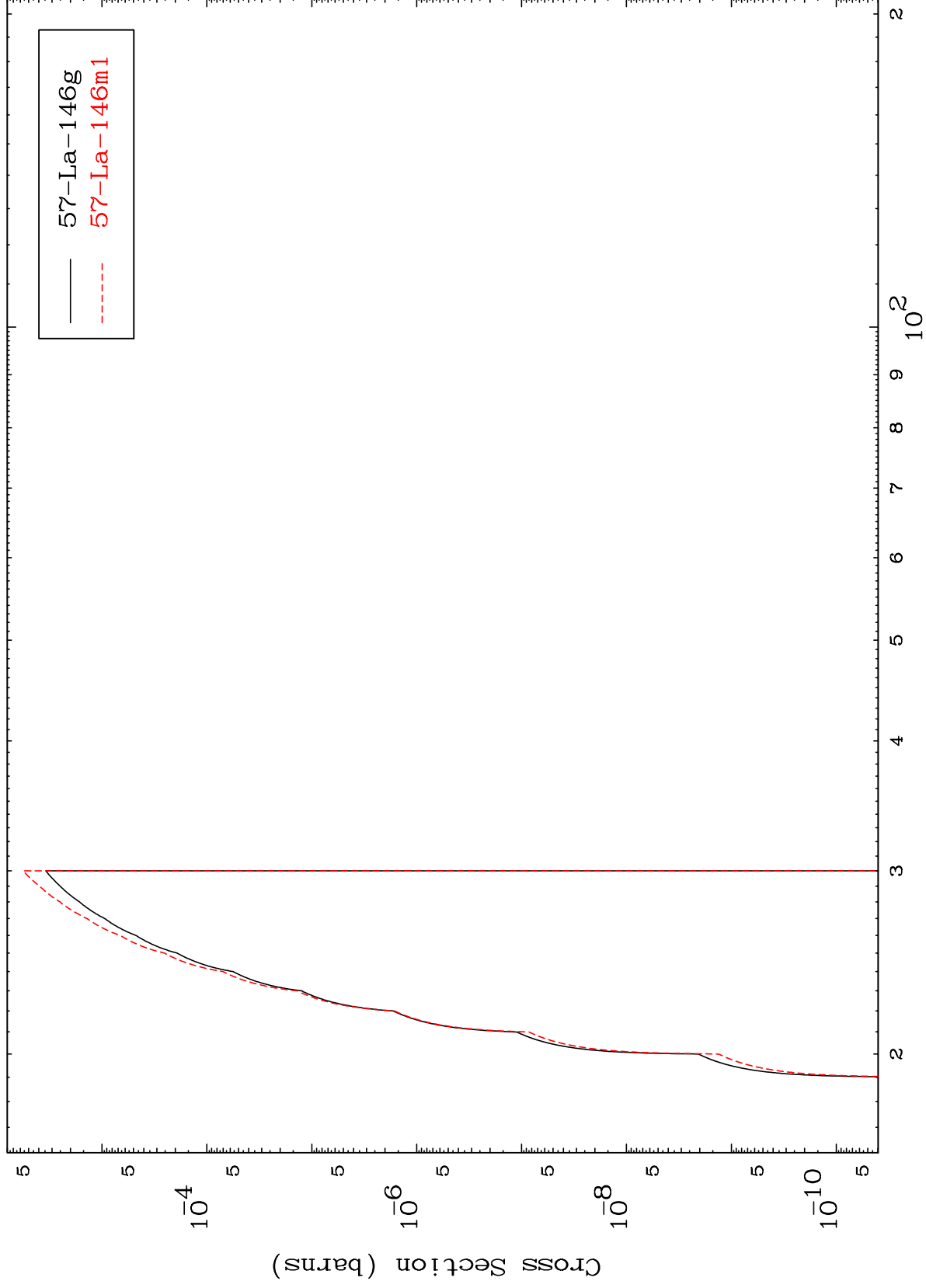
Incident Energy (MeV)

58-Ce-148

MAT 5861

58-Ce-148

$(n,2n)$ p
Radionuclide Production Cross Section



115

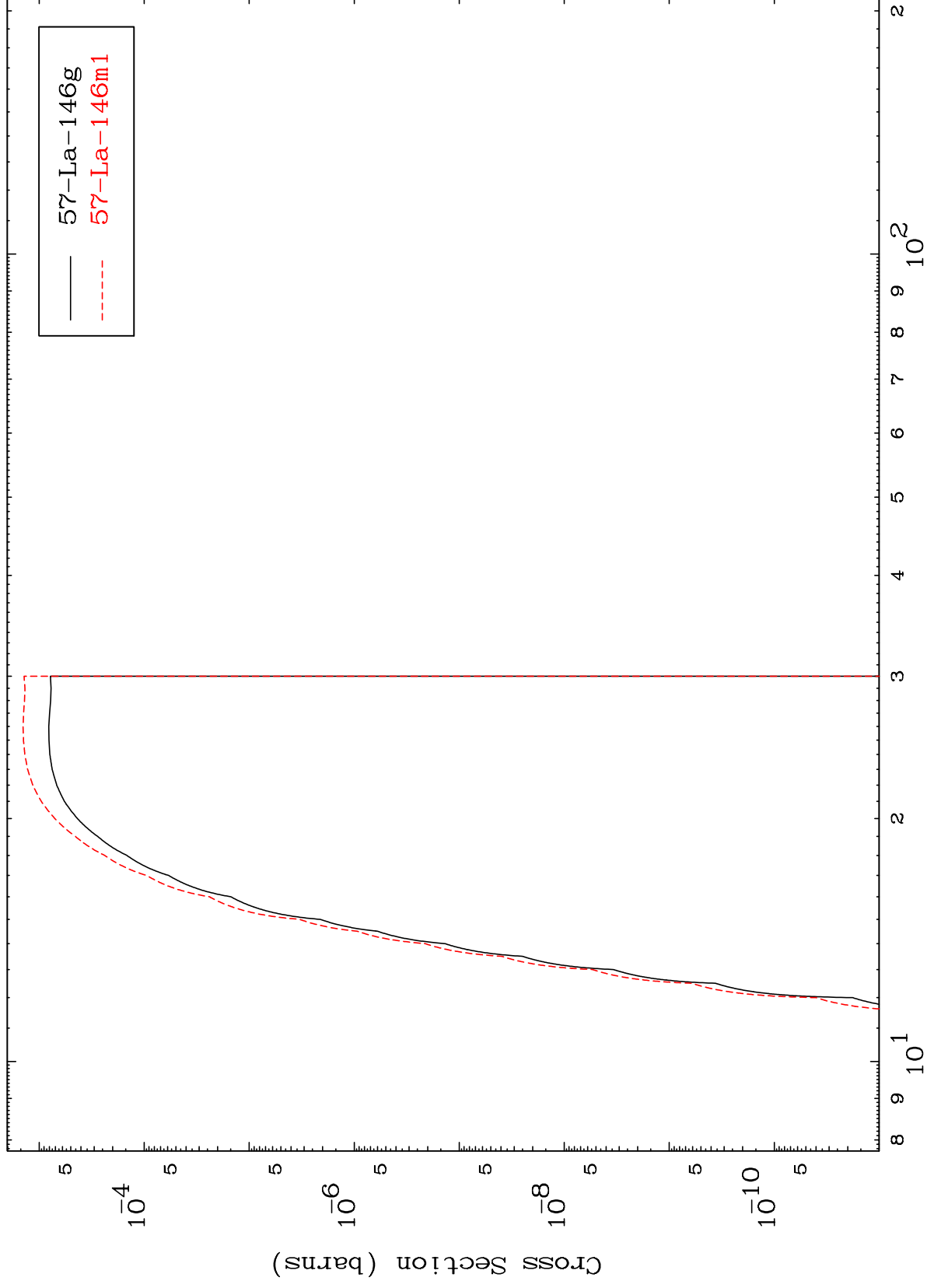
Incident Energy (MeV)

58-Ce-148

MAT 5861

58-Ce-148

(n,t)
Radionuclide Production Cross Section



58-Ce-148

Incident Energy (MeV)

116