

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

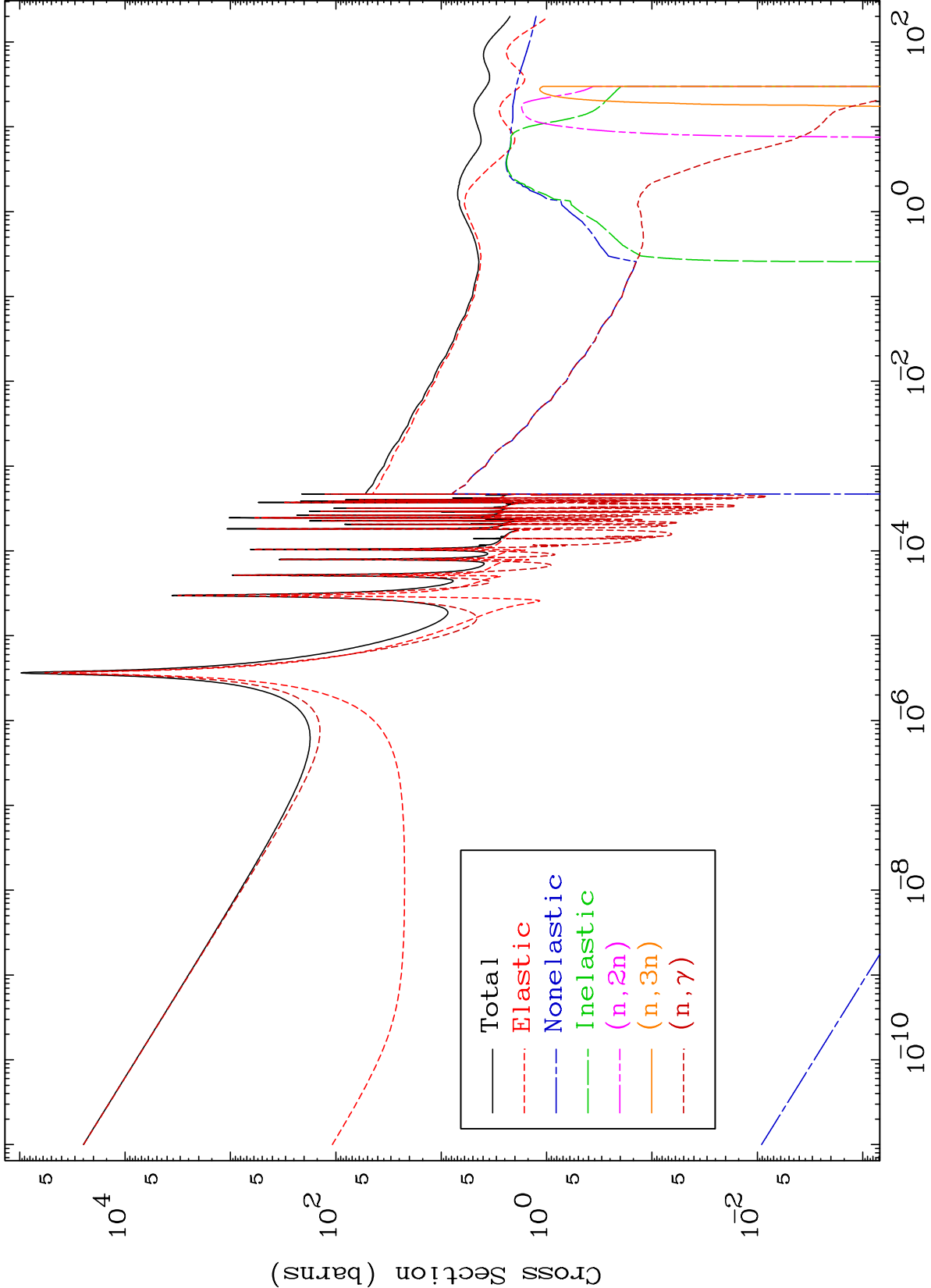
Press Mouse Button to Start

MAT 5834

Neutron Major

293 Kelvin Cross Sections

58-Ce-139

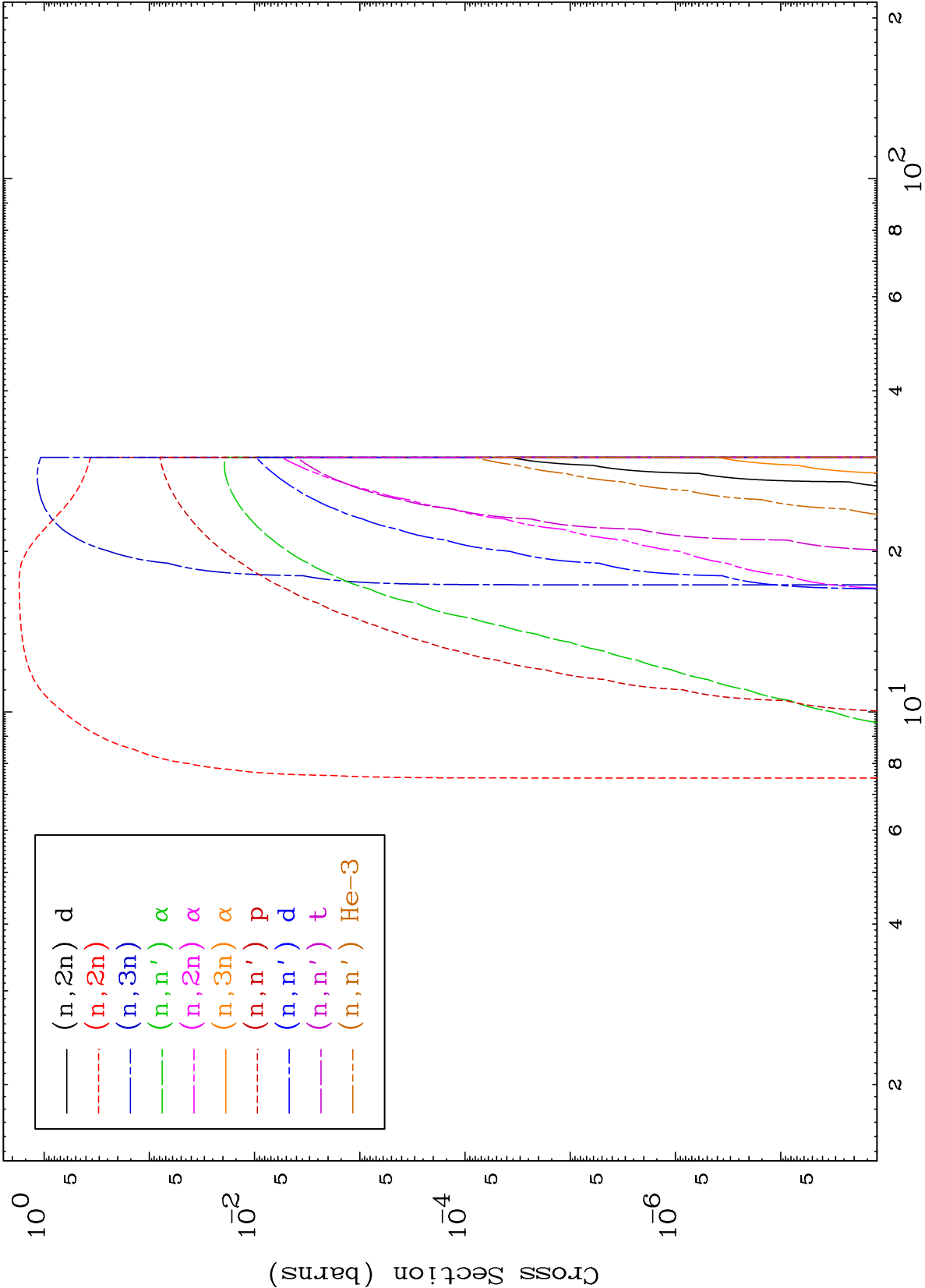


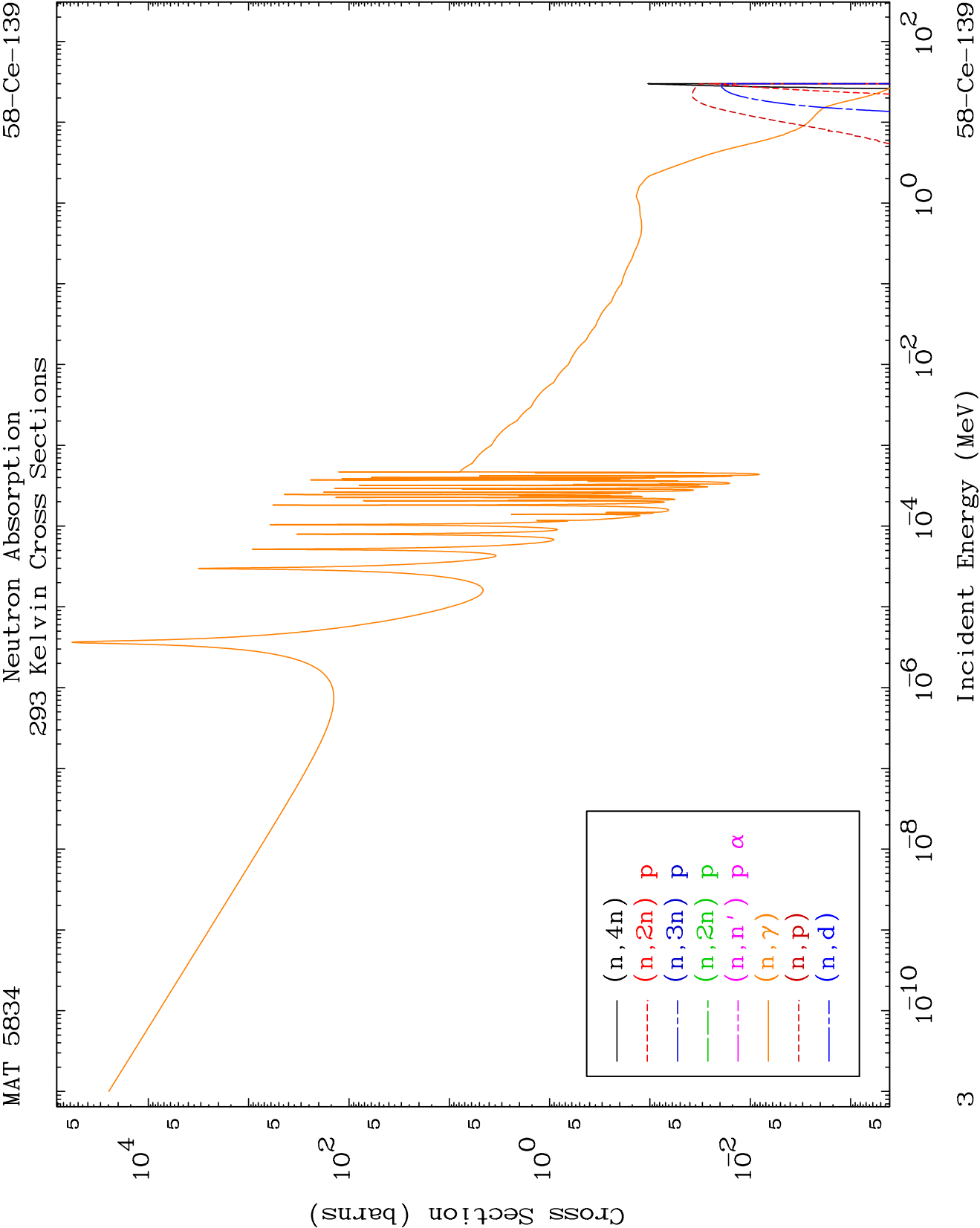
MAT 5834

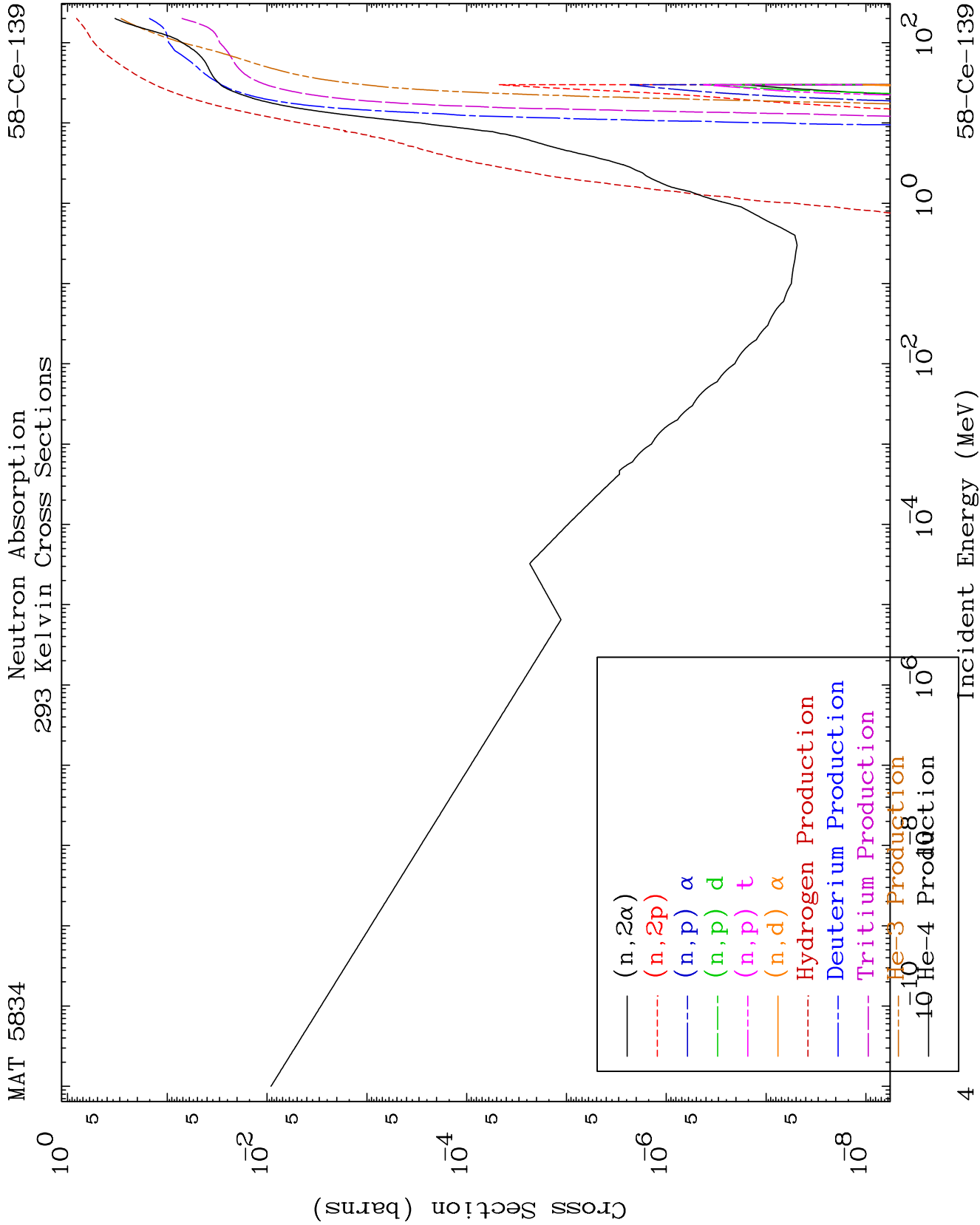
Neutron Absorption

58-Ce-139

293 Kelvin Cross Sections



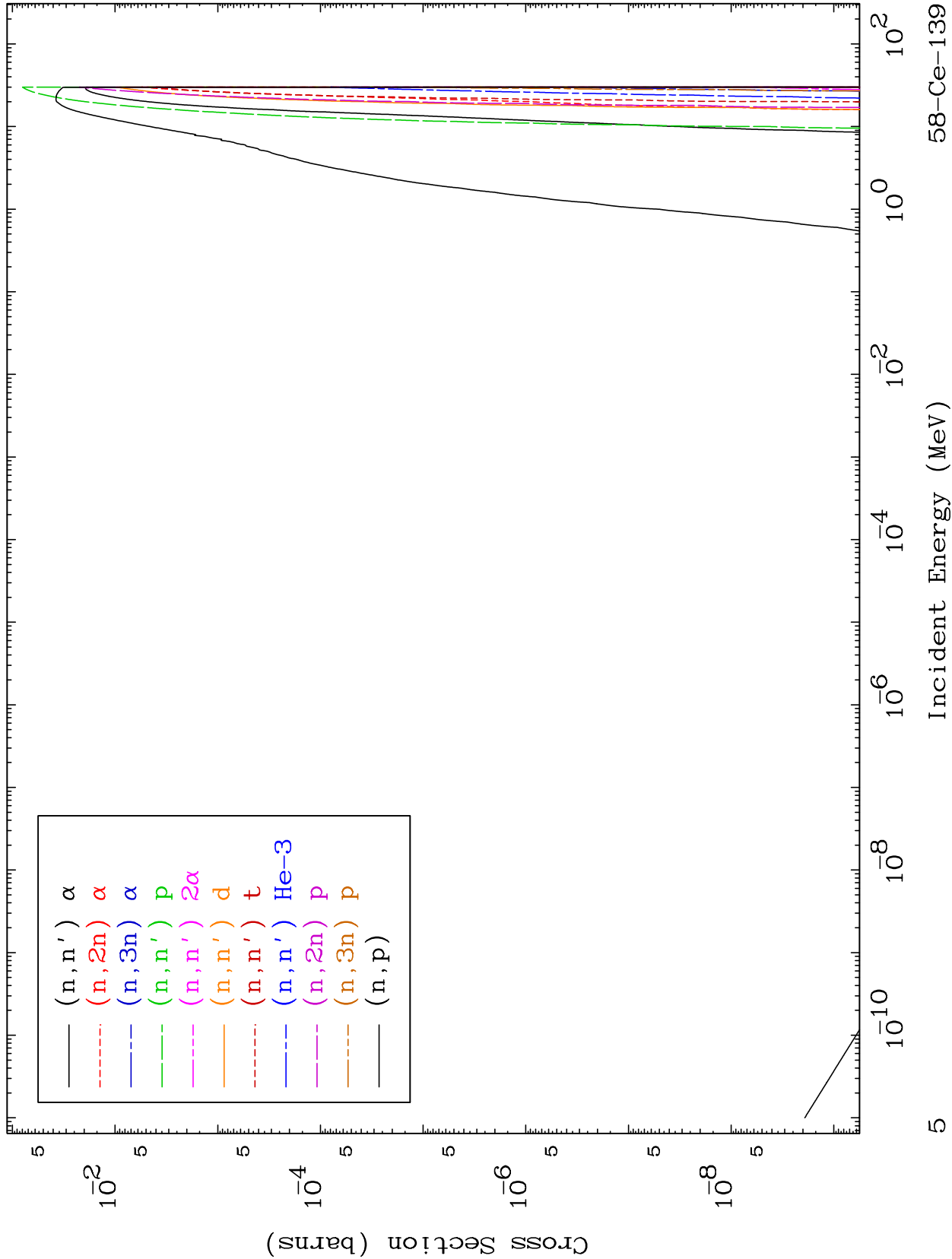


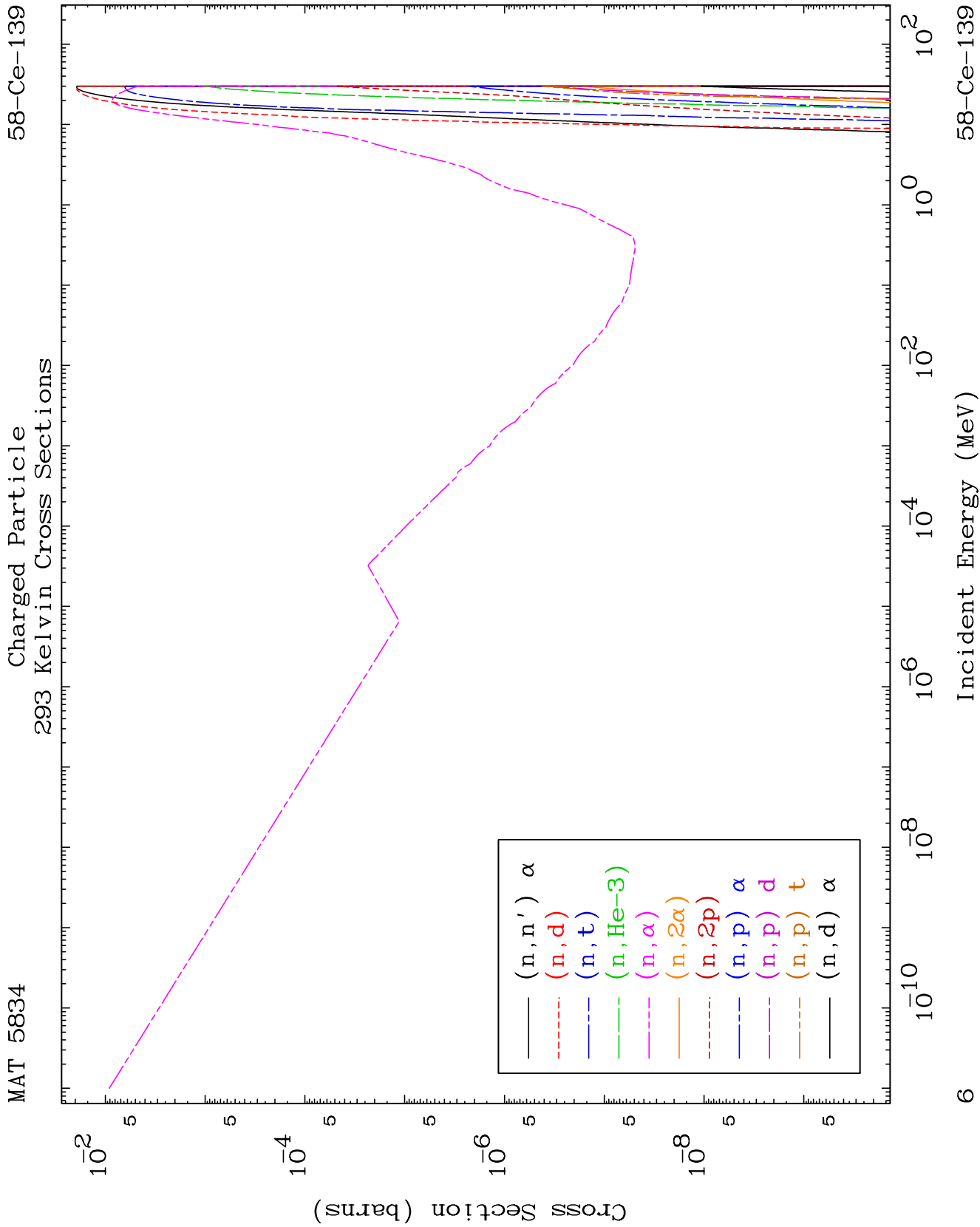


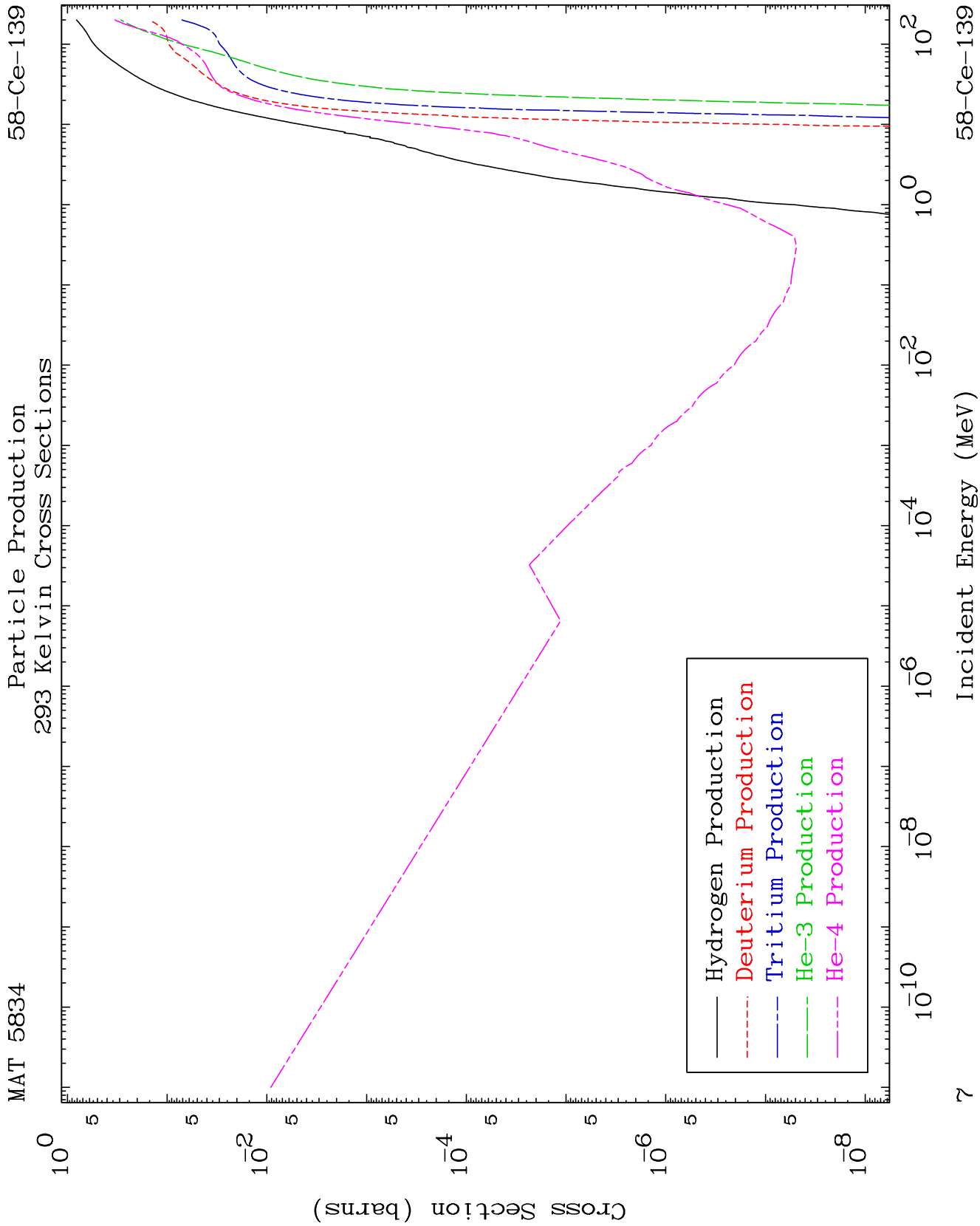
MAT 5834

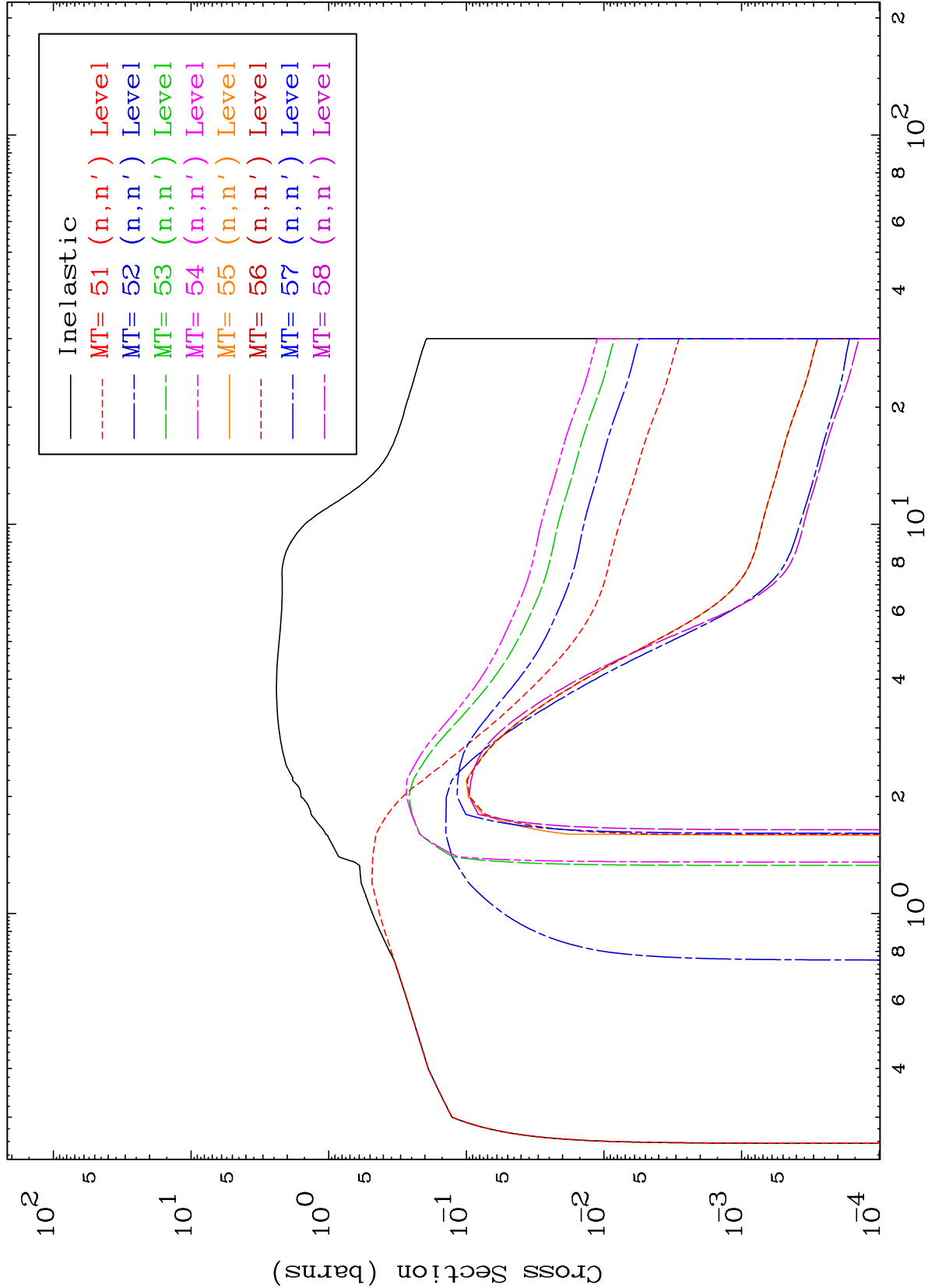
Charged Particle
293 Kelvin Cross Sections

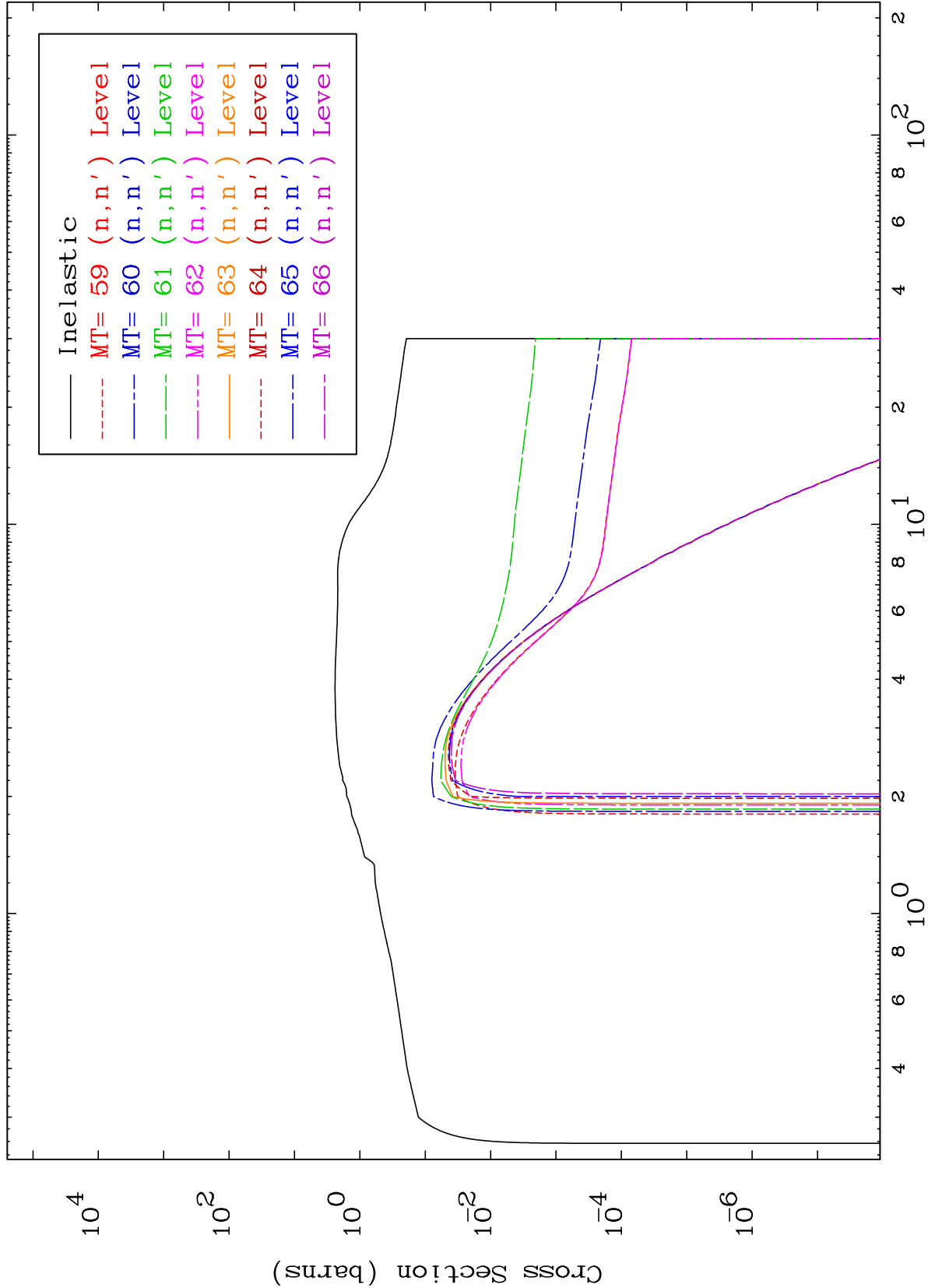
58-Ce-139









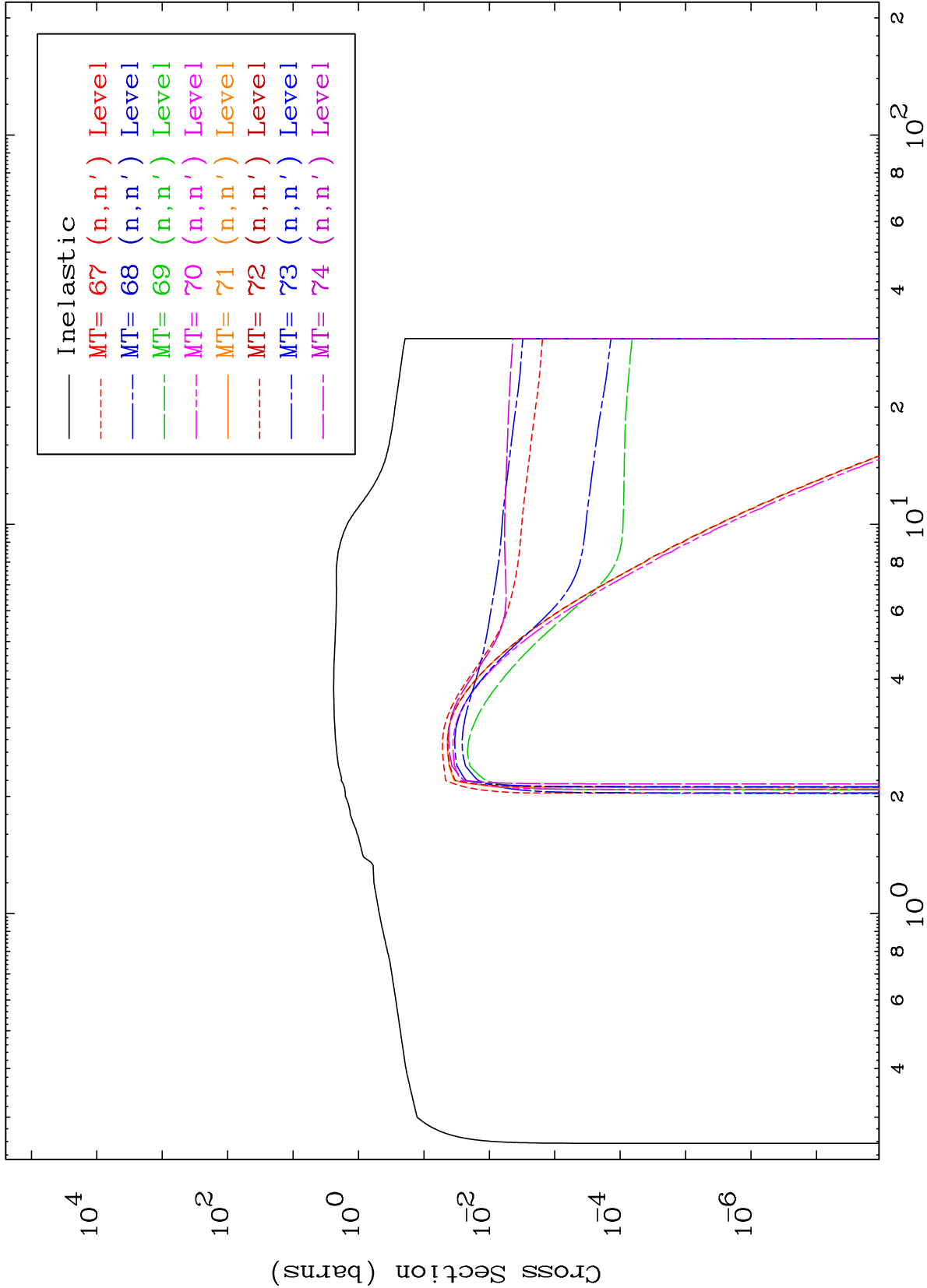


MAT 5834

(n,n') Levels

58-Ce-139

293 Kelvin Cross Sections

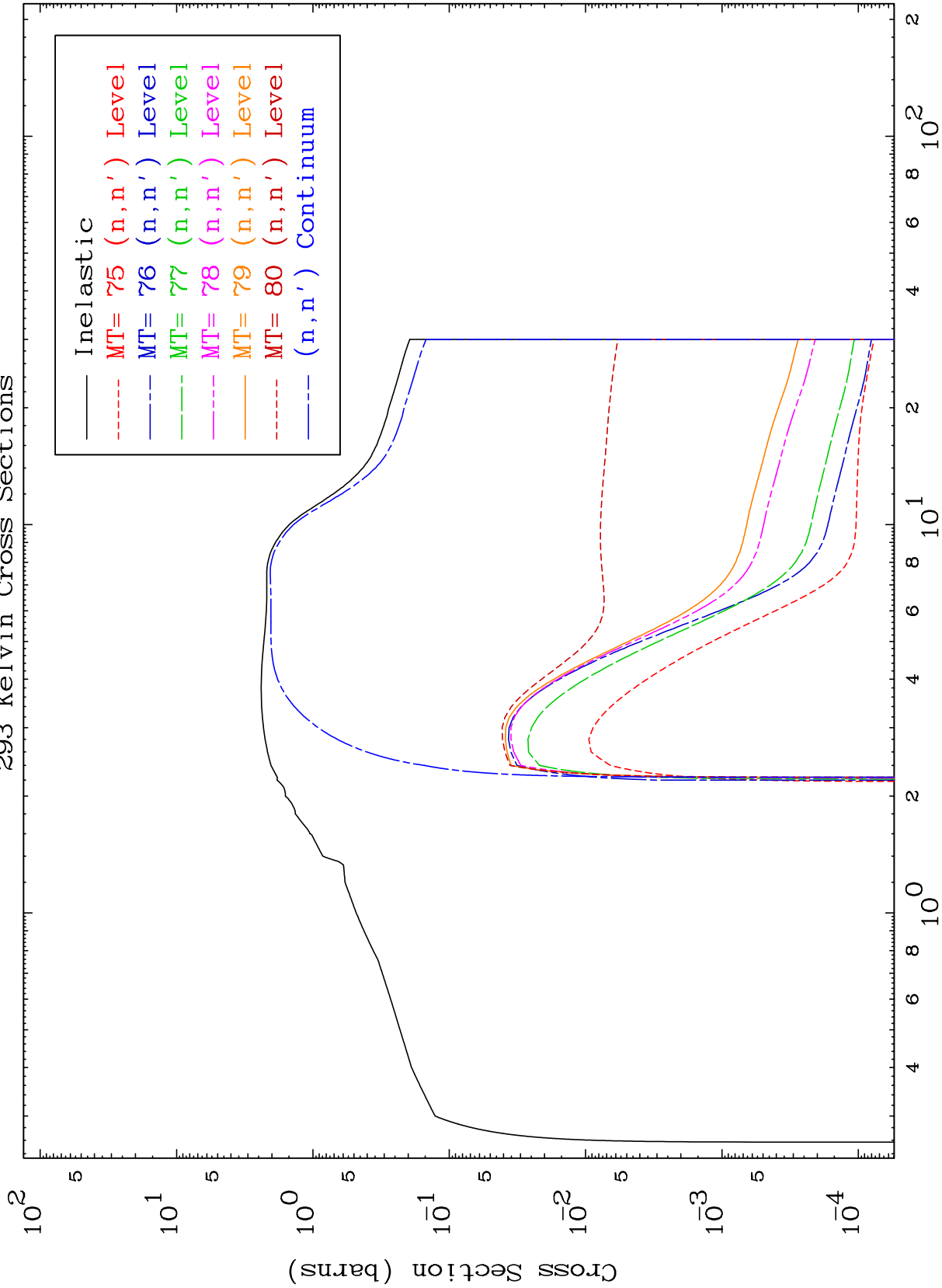


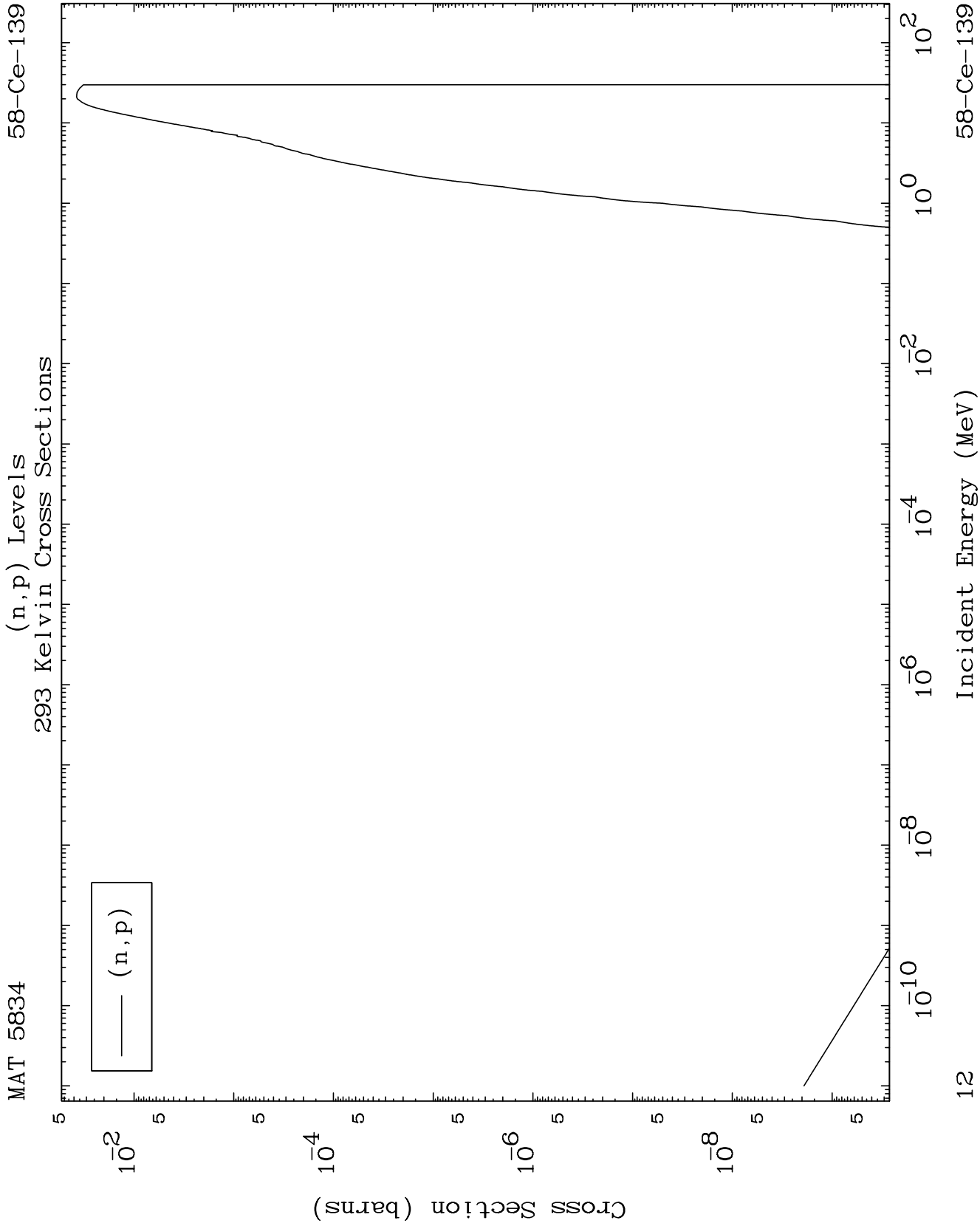
10

Incident Energy (MeV)

58-Ce-139

(n,n') Levels
293 Kelvin Cross Sections

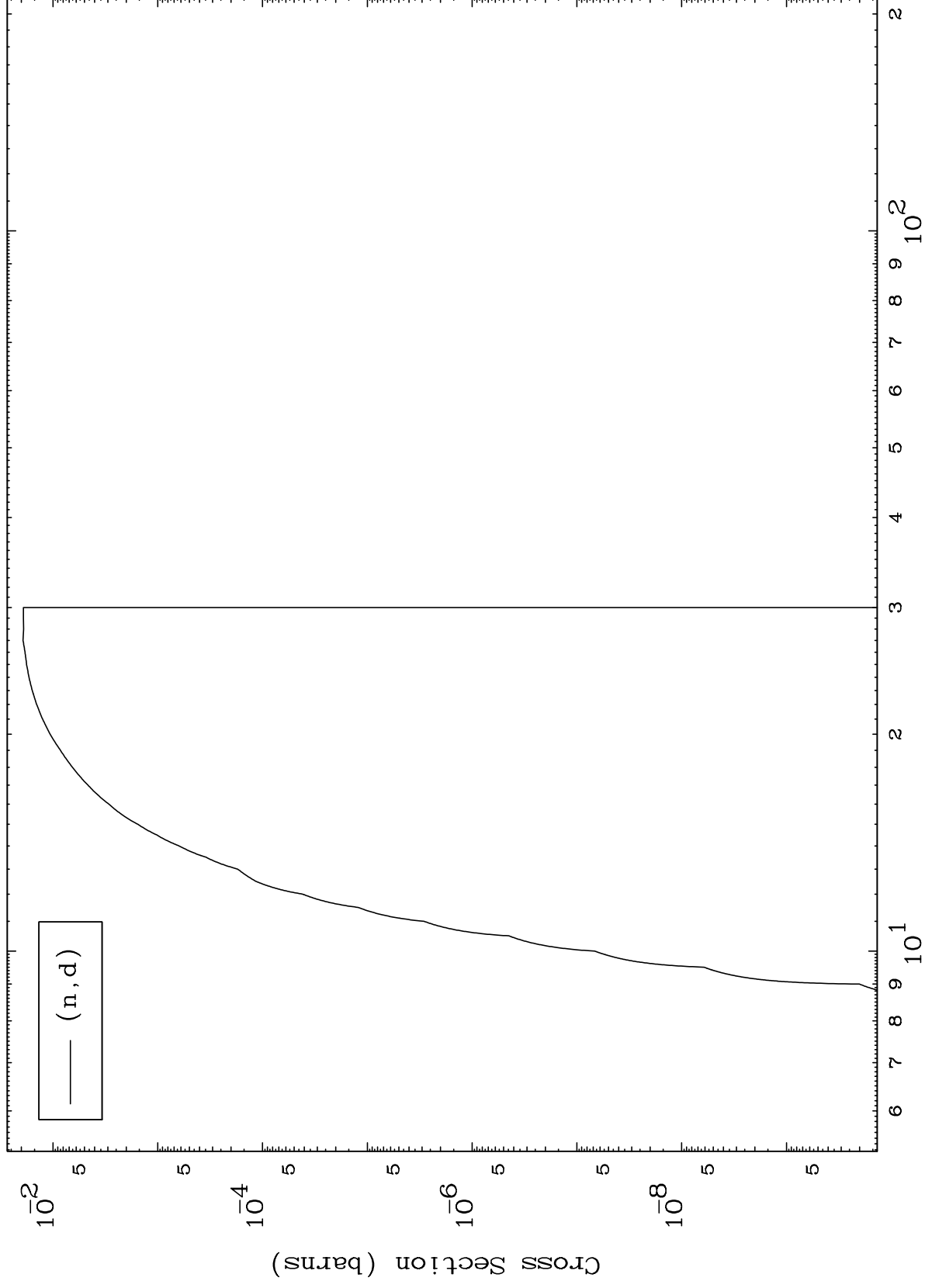




MAT 5834

58-Ce-139

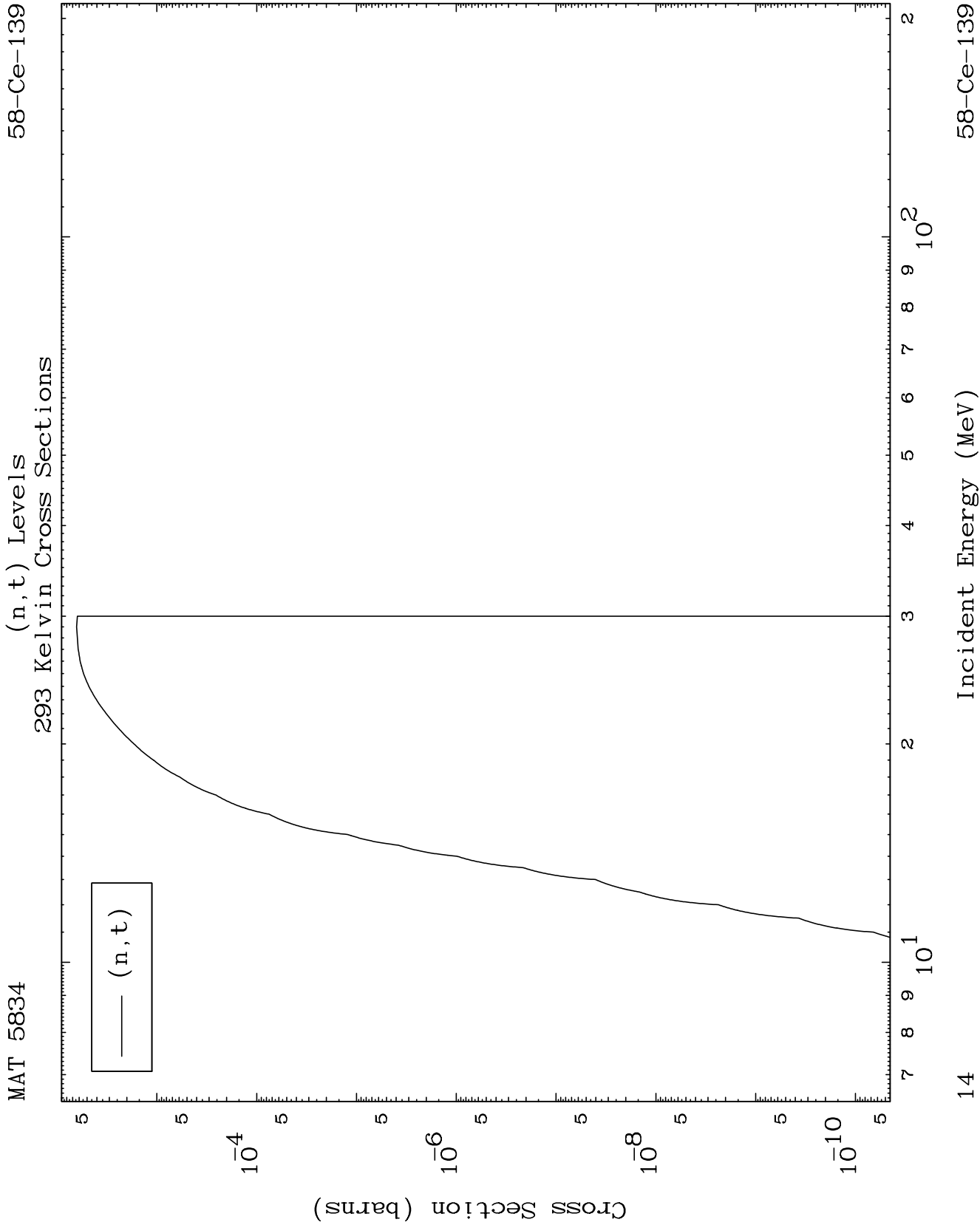
(n,d) Levels
293 Kelvin Cross Sections



13

Incident Energy (MeV)

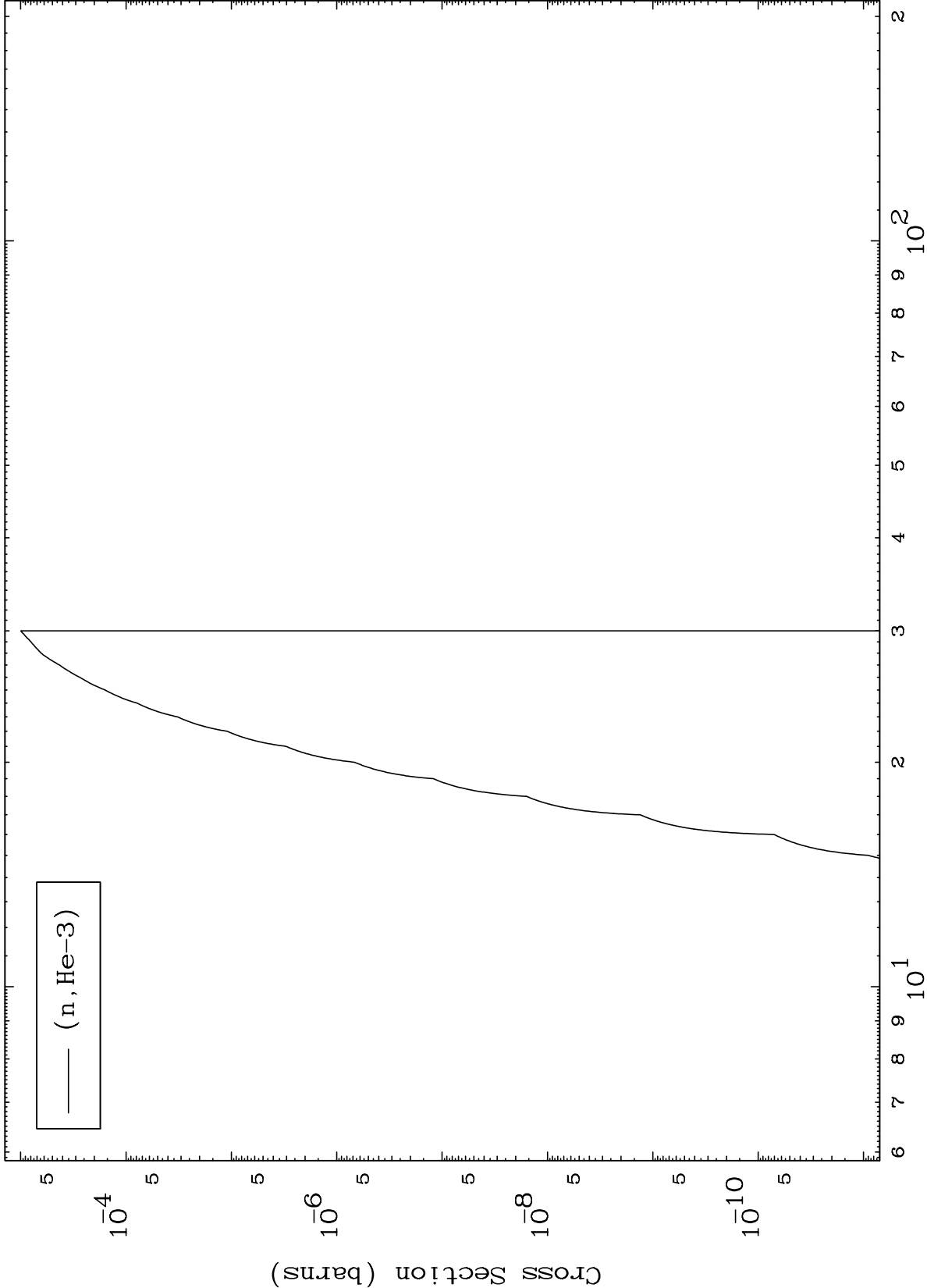
58-Ce-139



MAT 5834

(n,He3) Levels
293 Kelvin Cross Sections

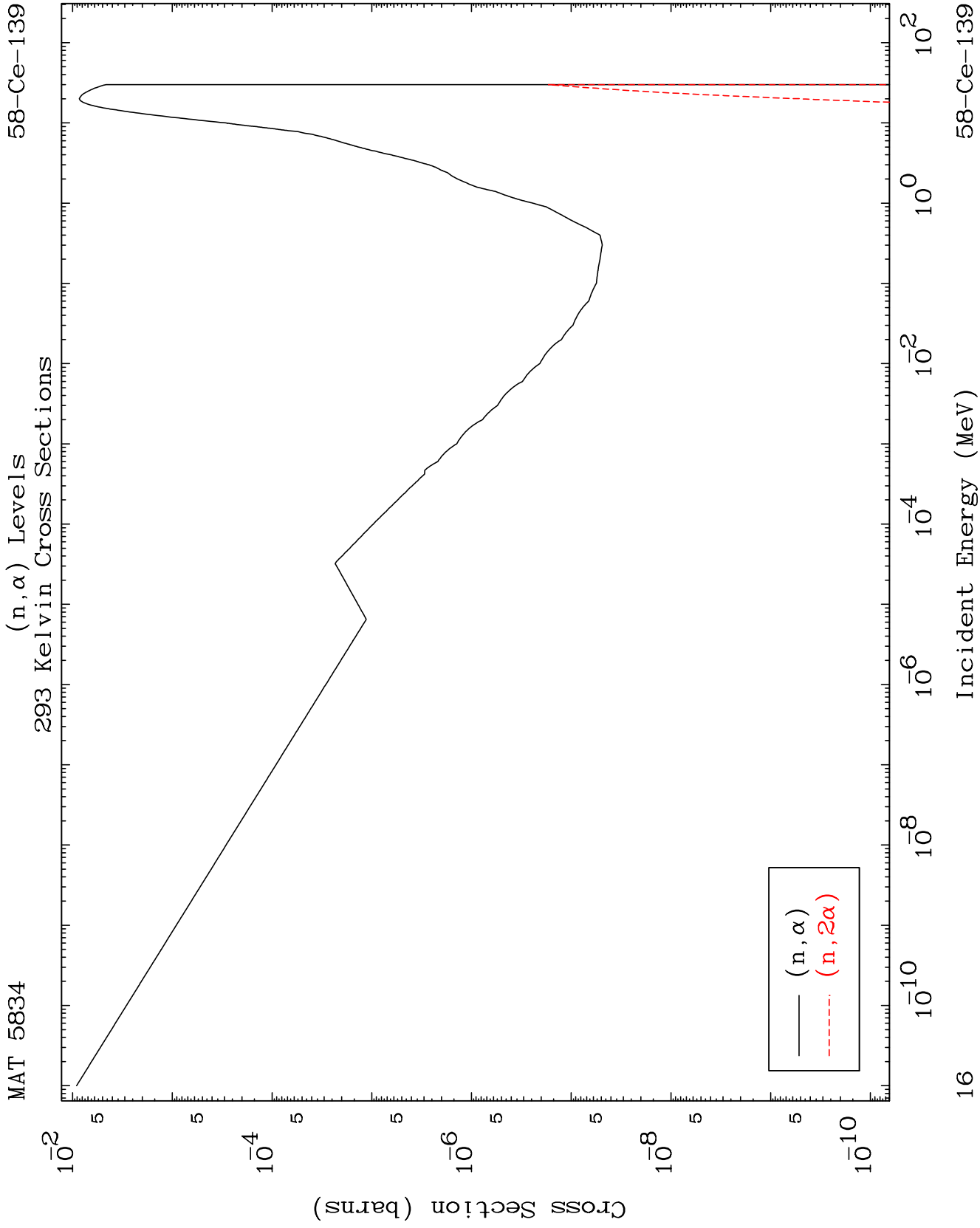
58-Ce-139

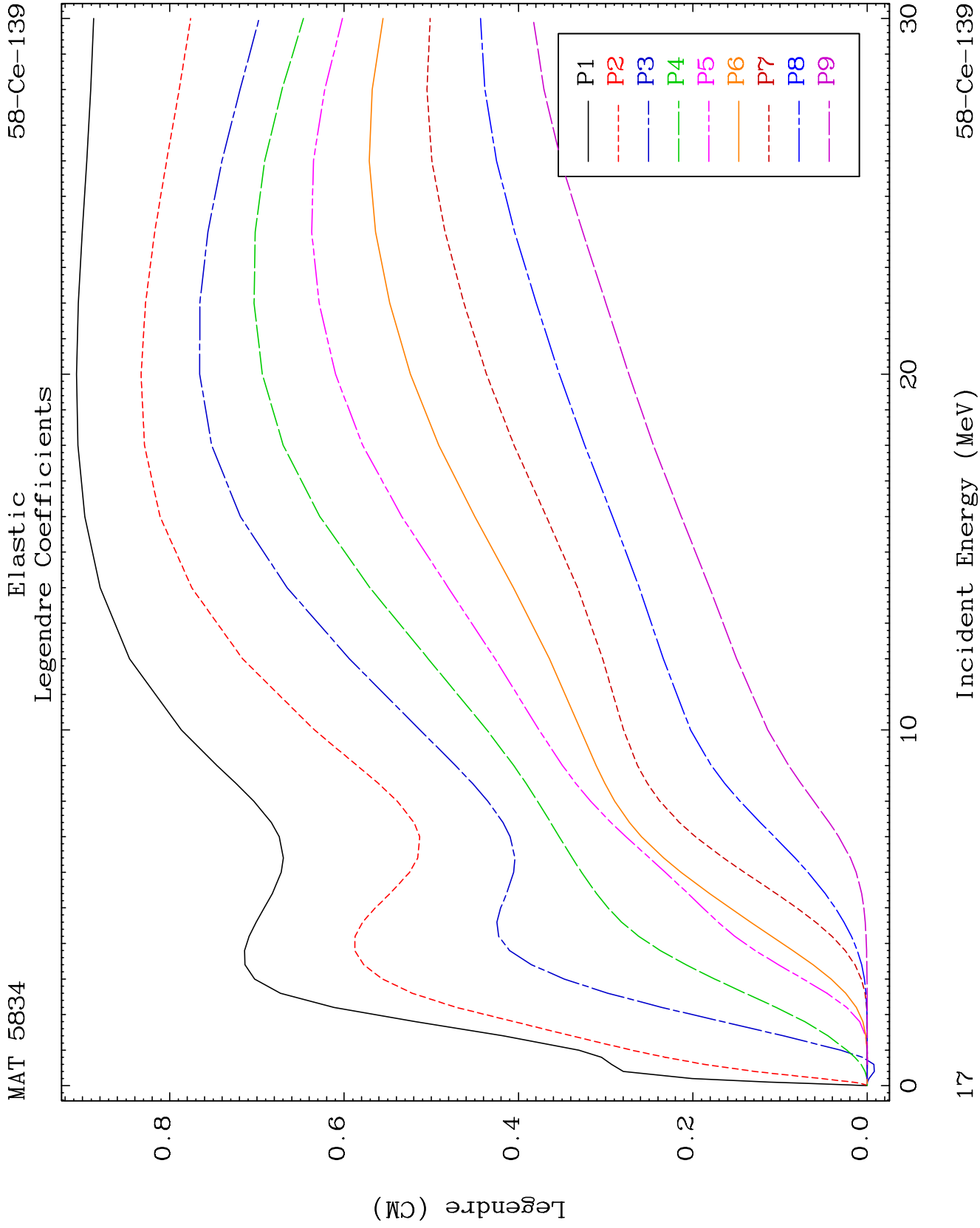


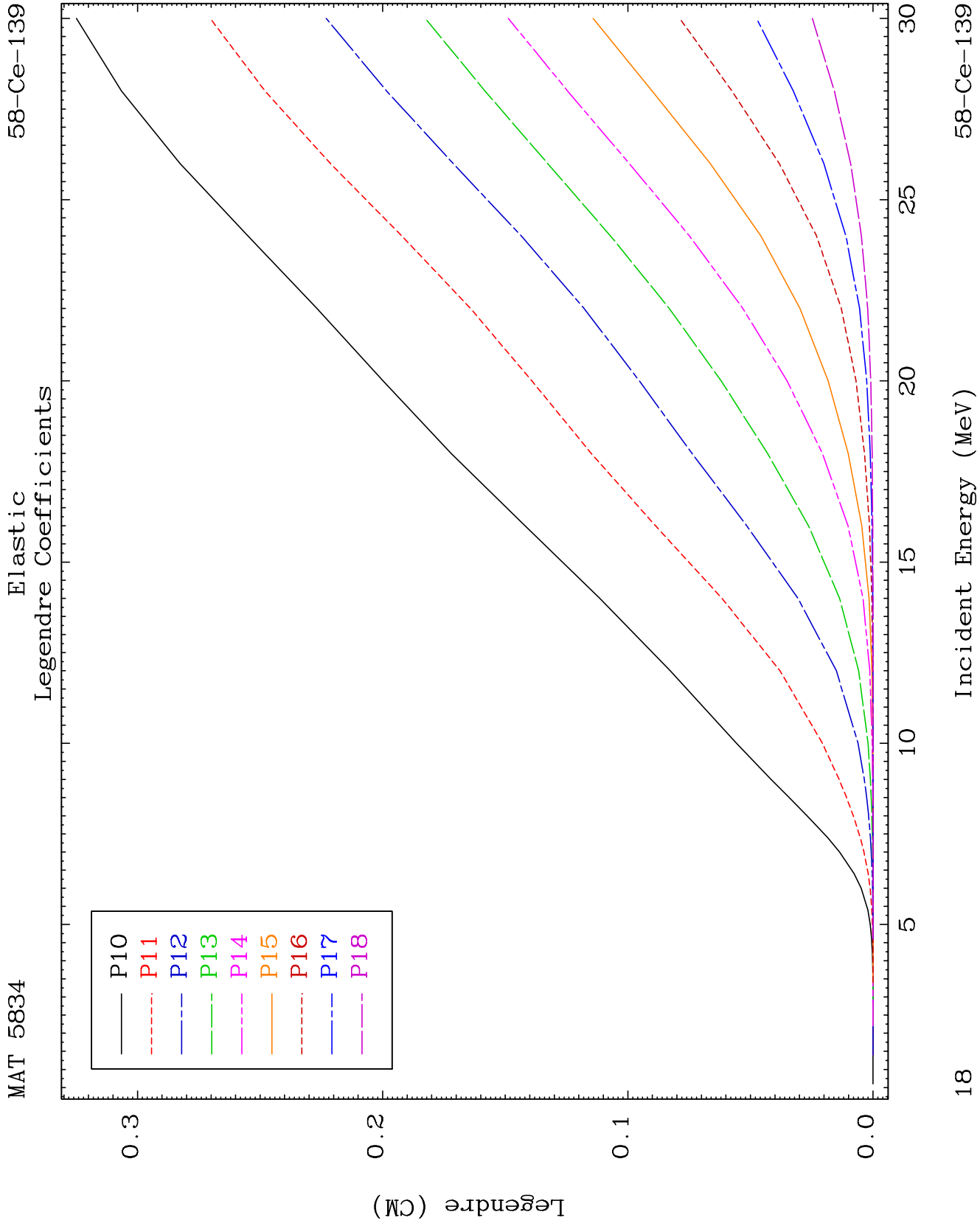
15

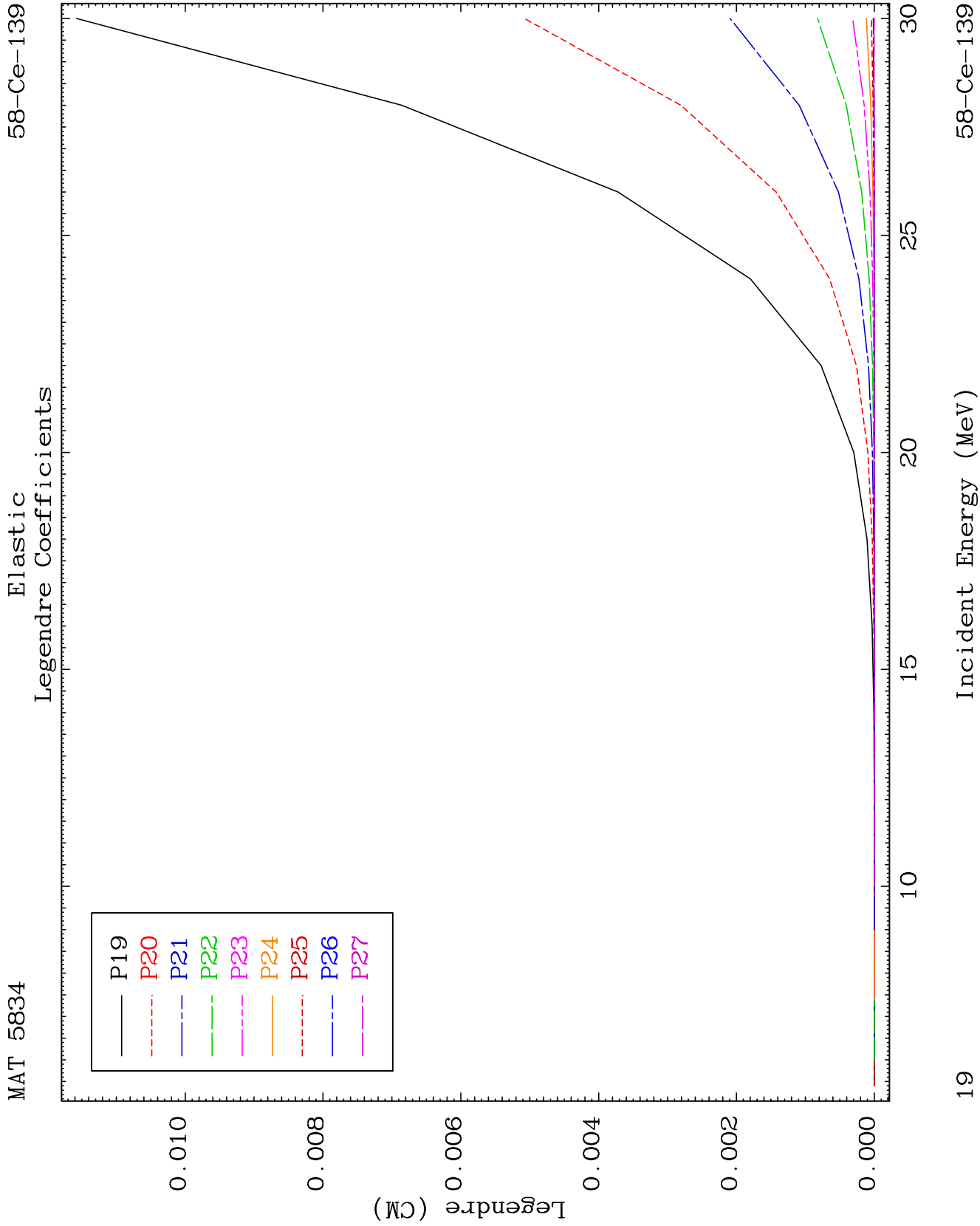
Incident Energy (MeV)

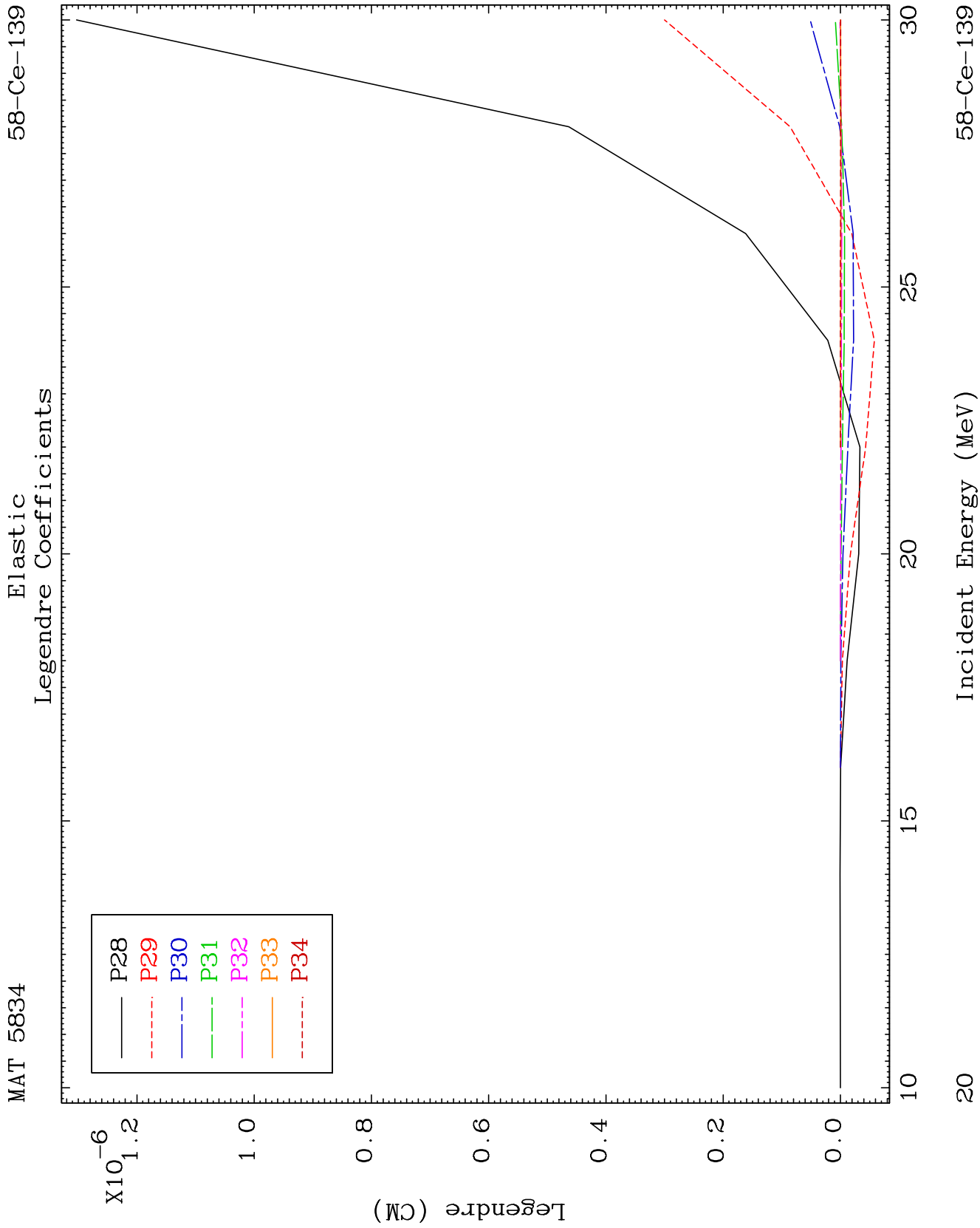
58-Ce-139

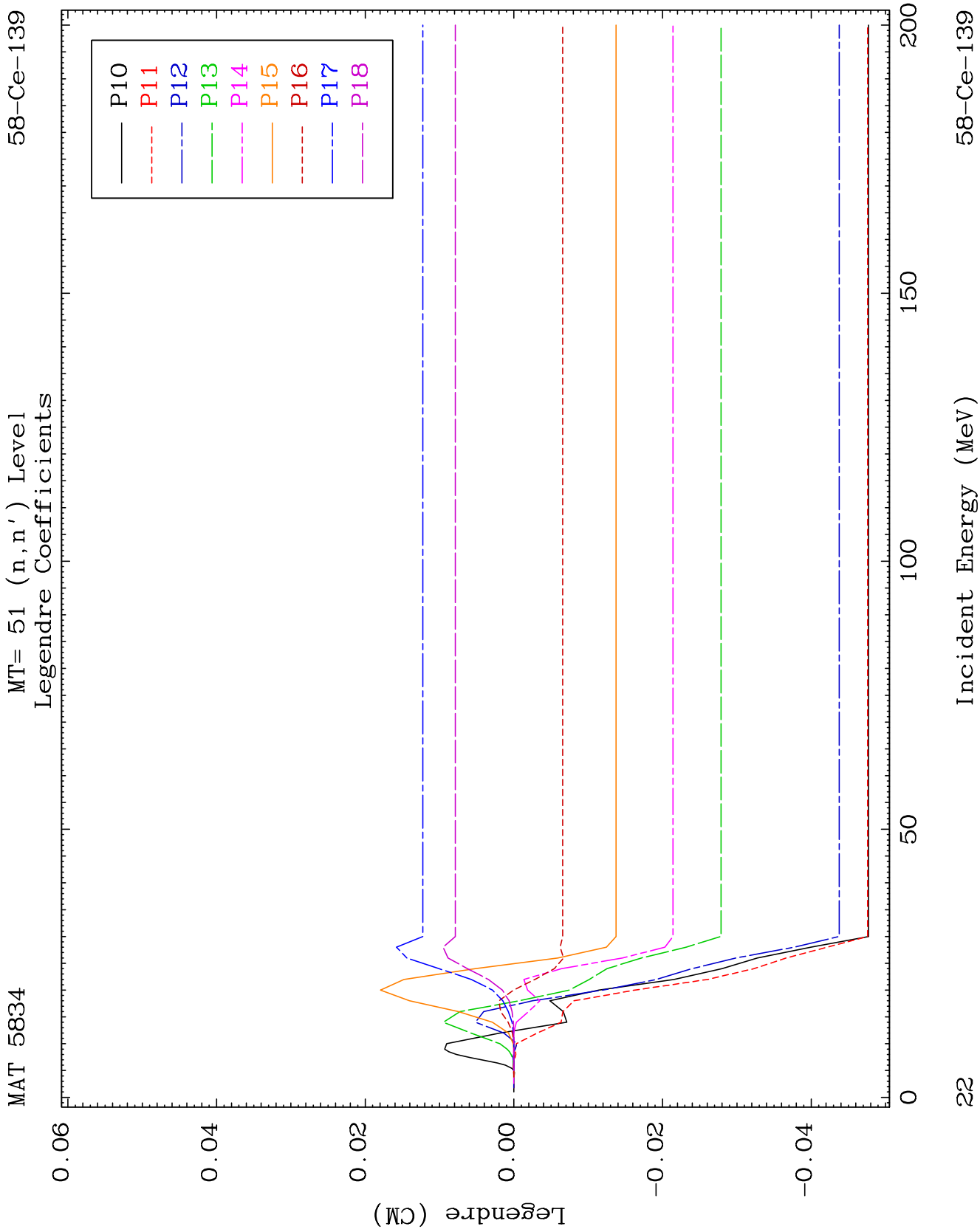


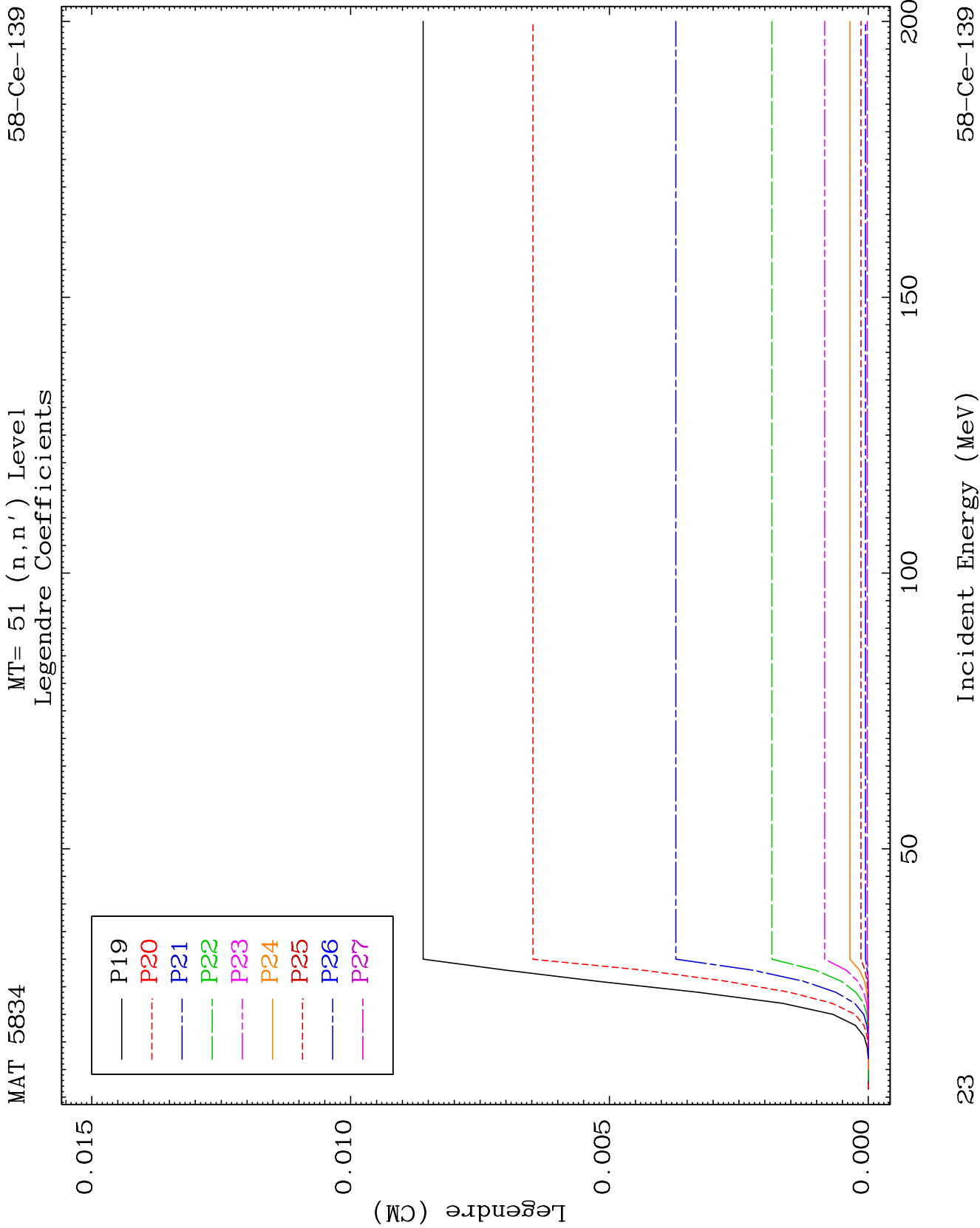








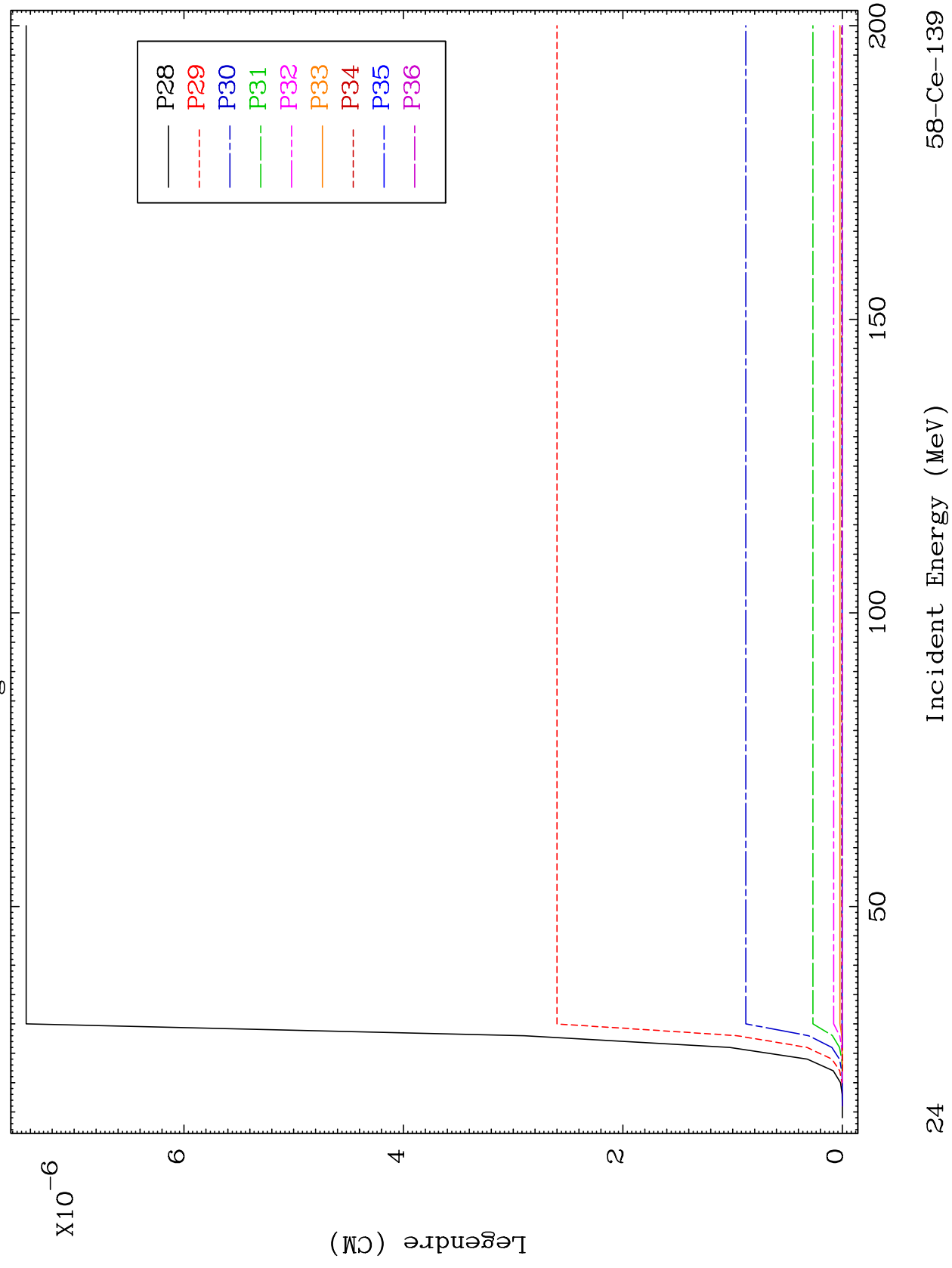


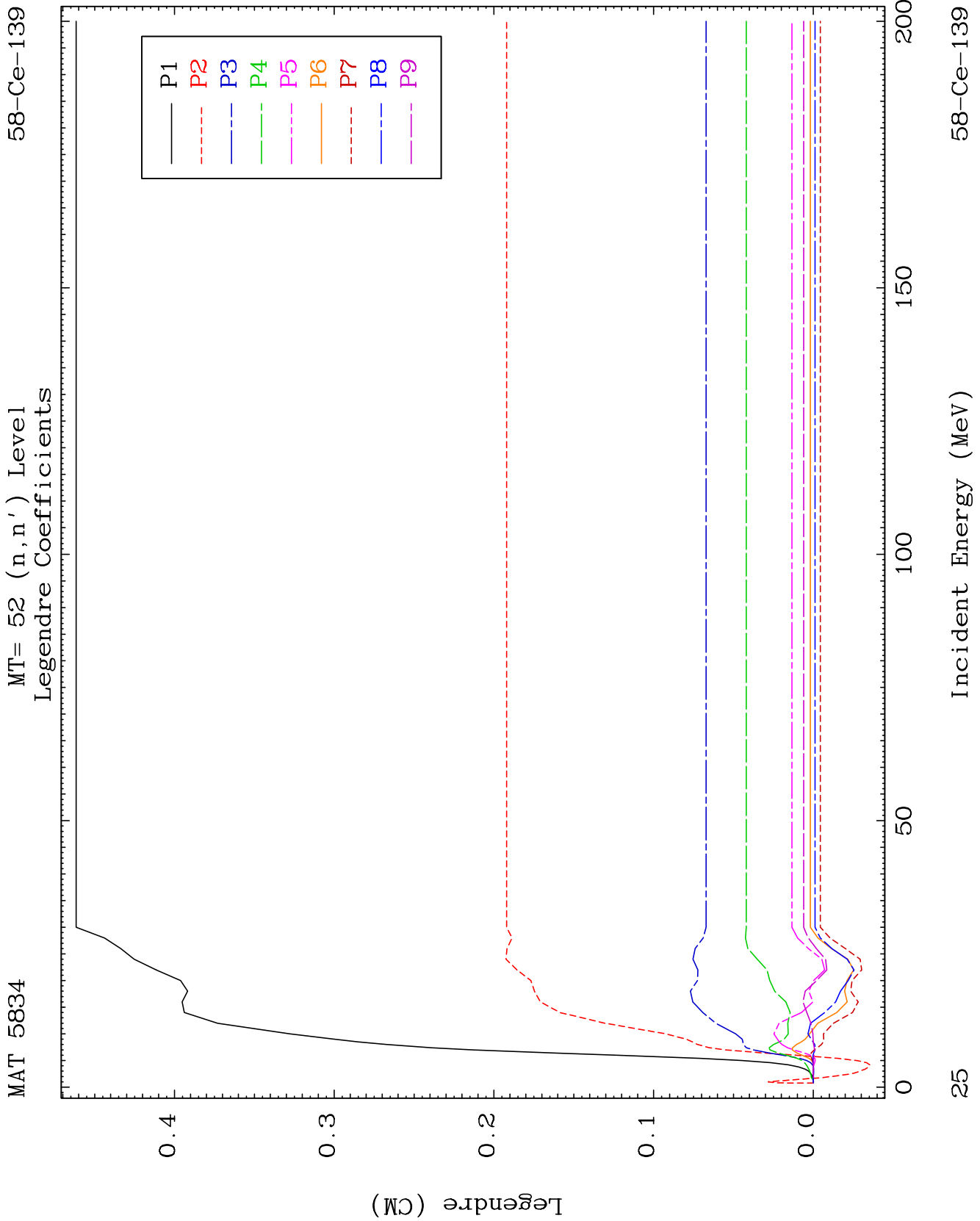


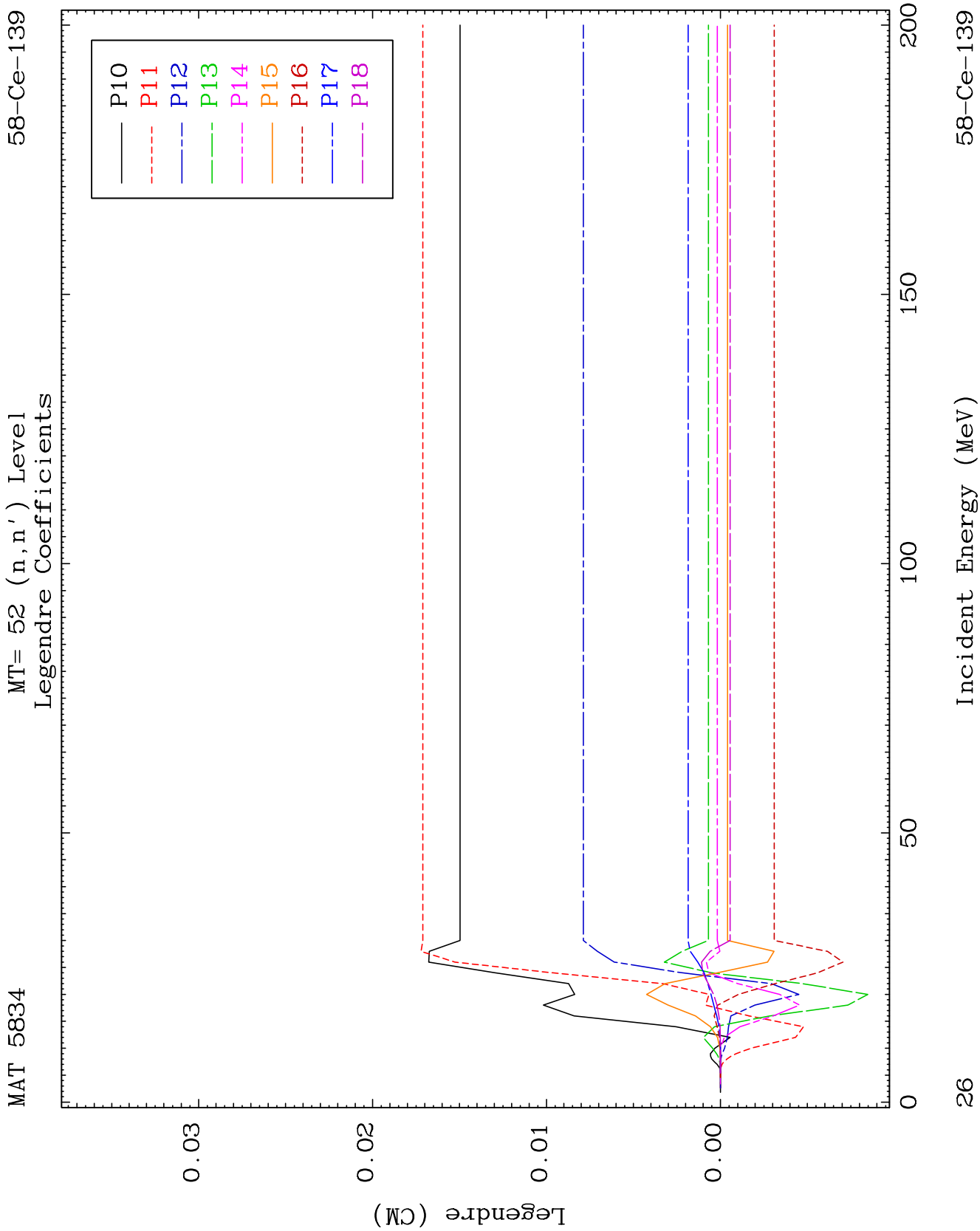
MAT 5834

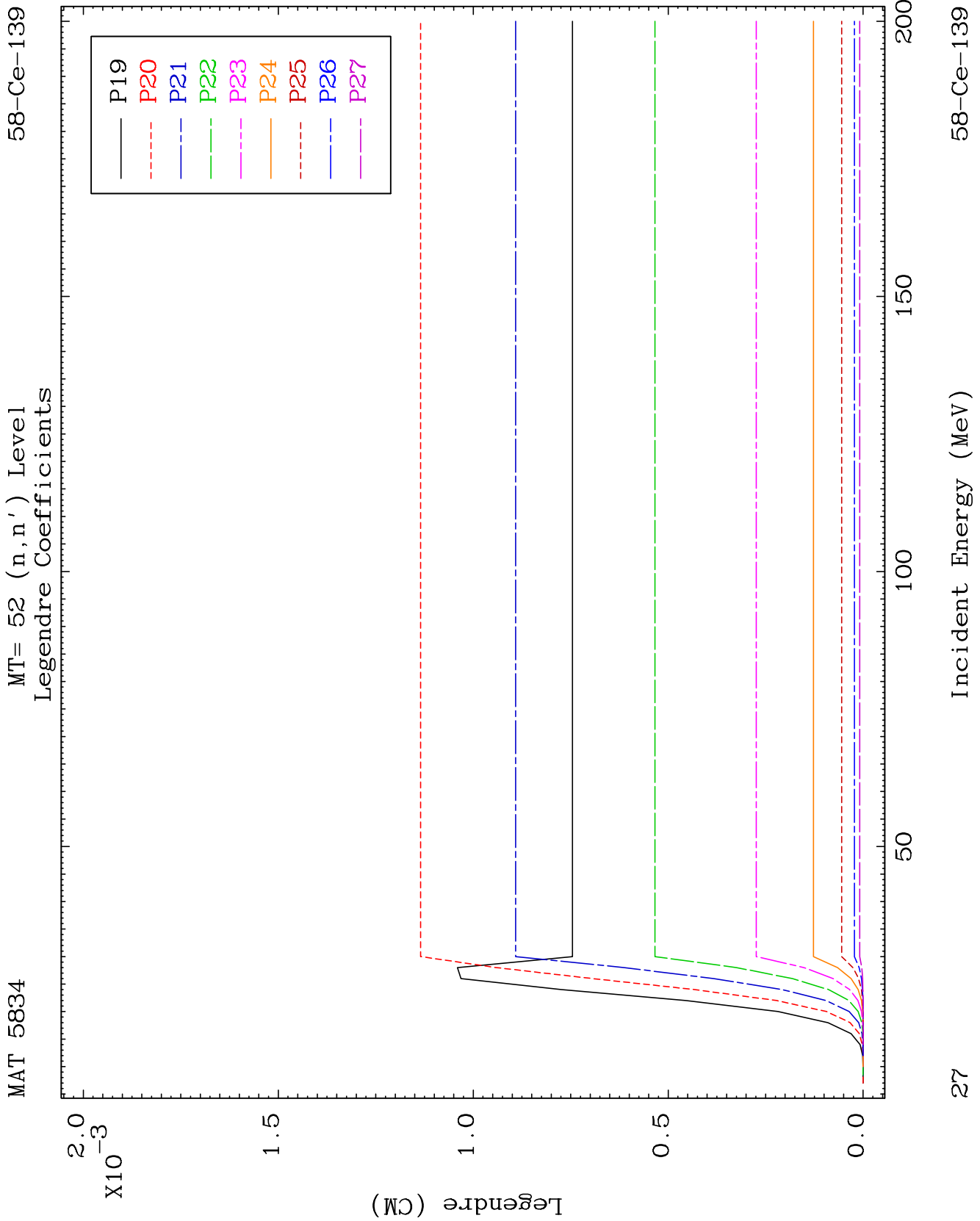
MT= 51 (n, n') Level
Legendre Coefficients

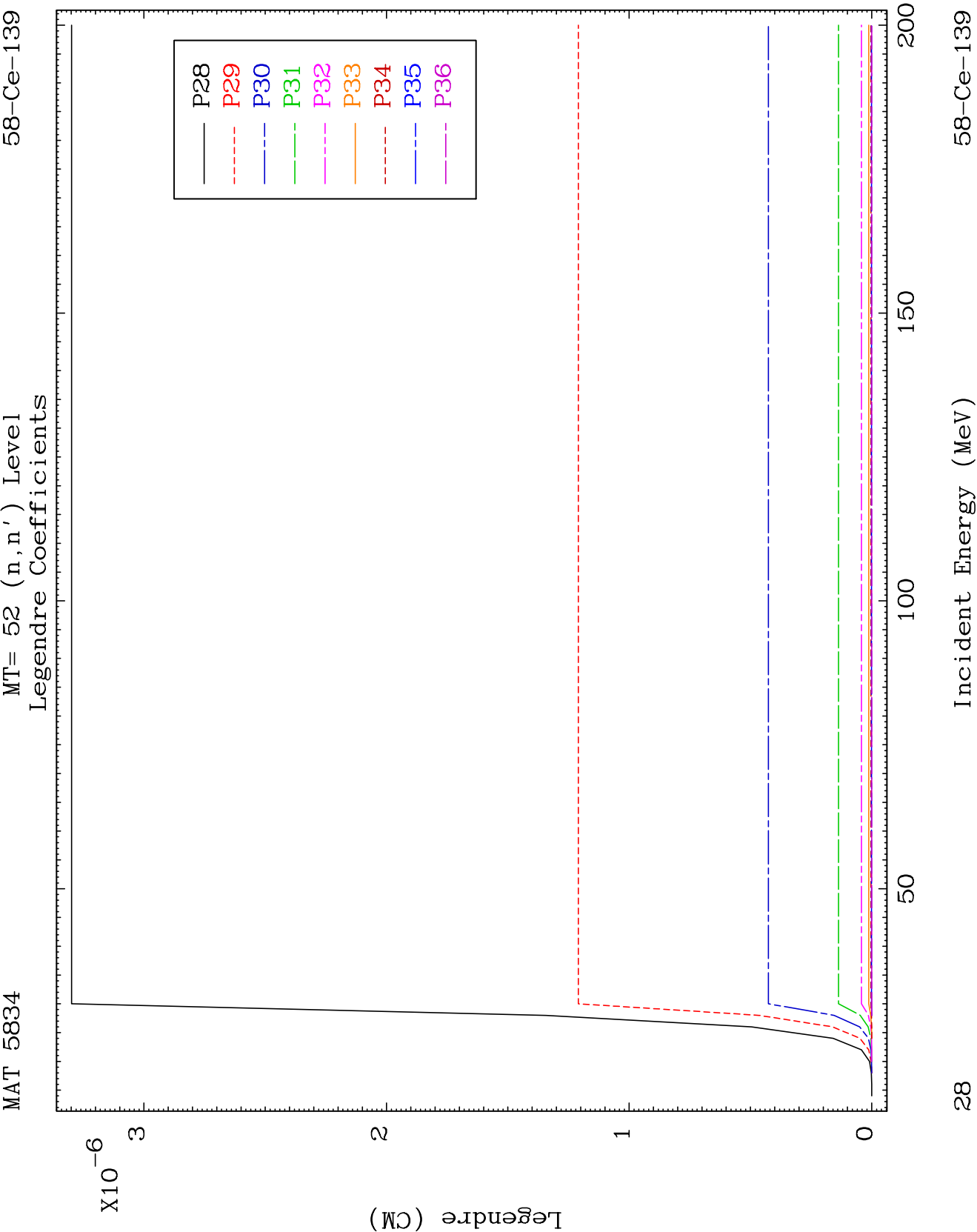
58-Ce-139

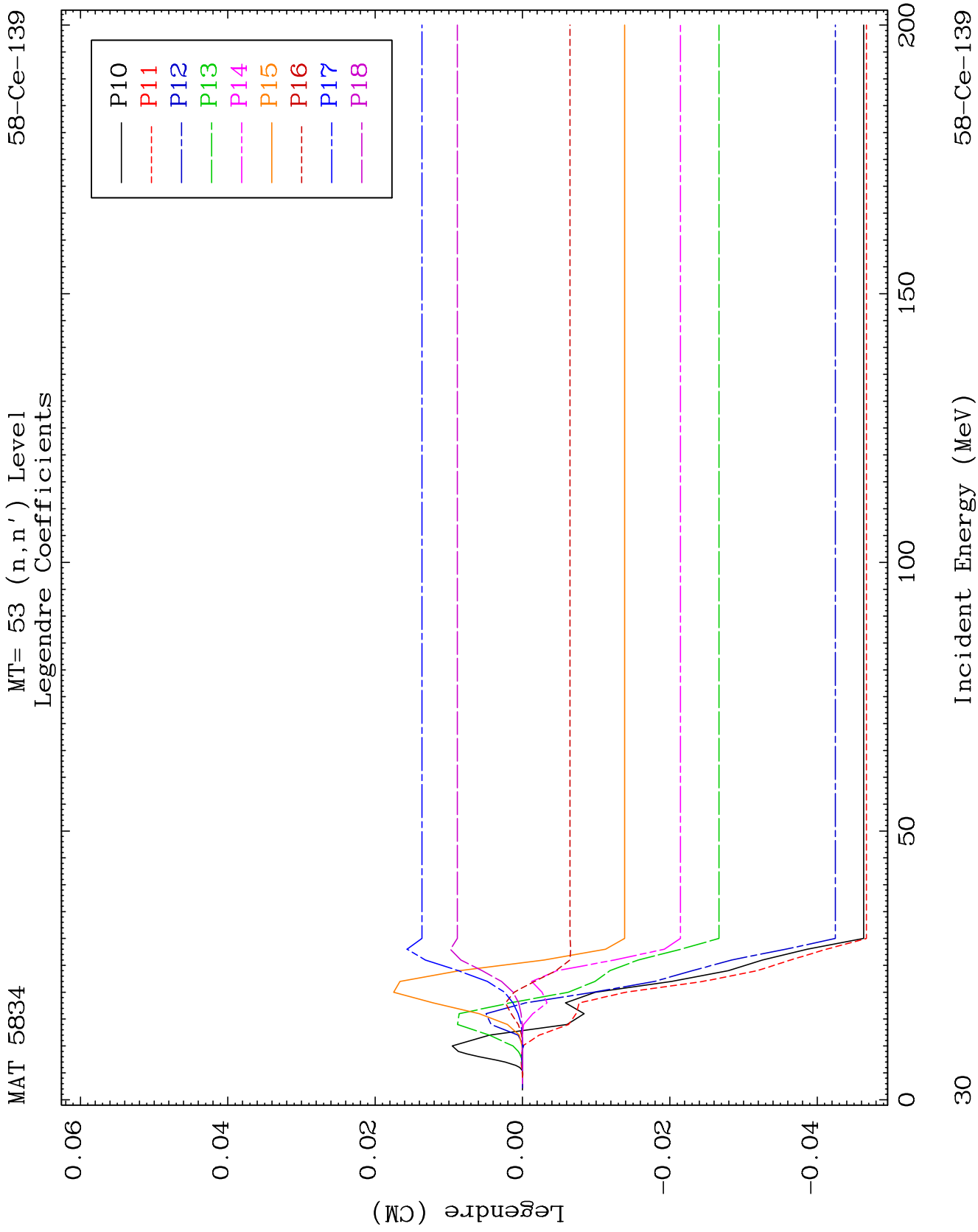


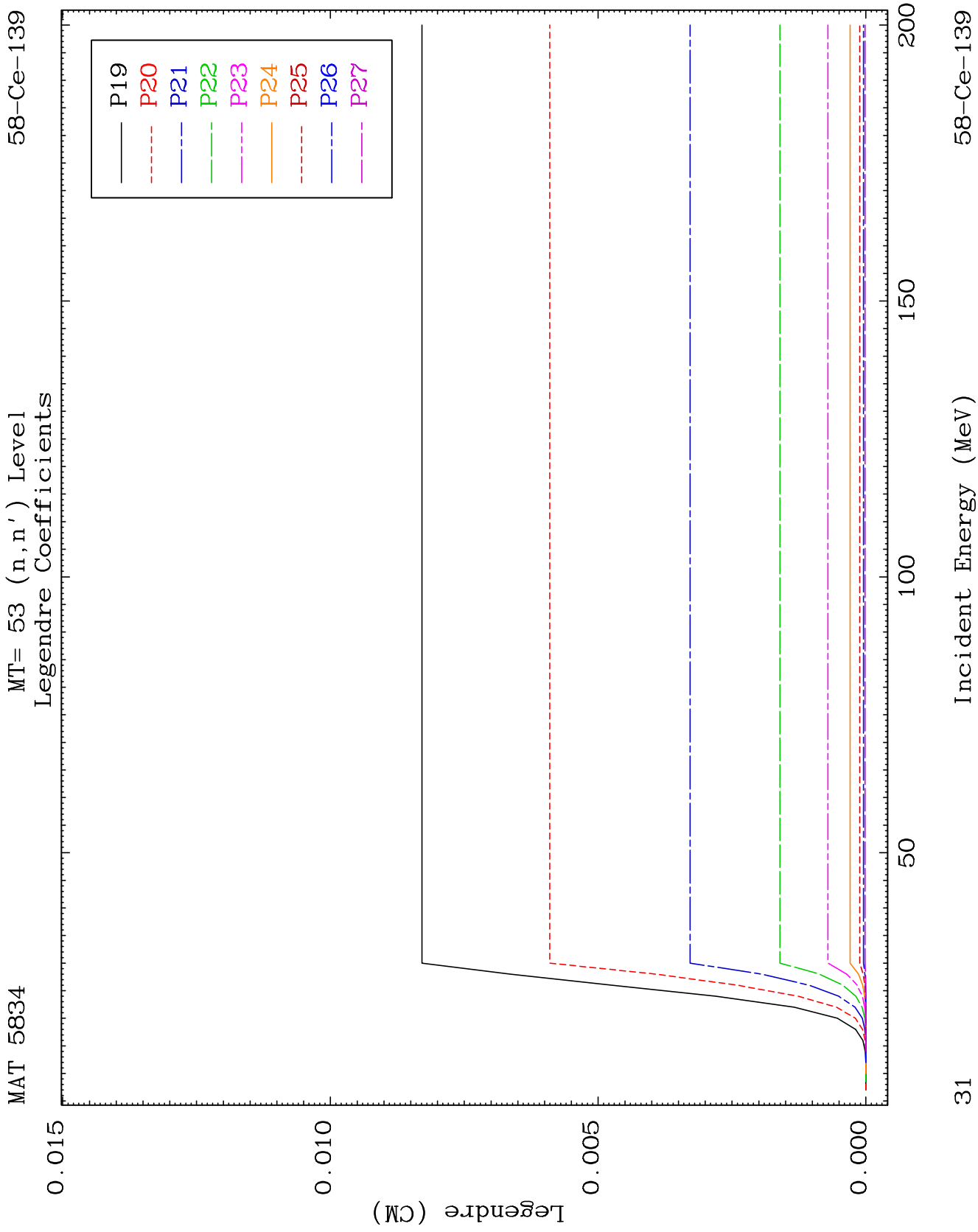


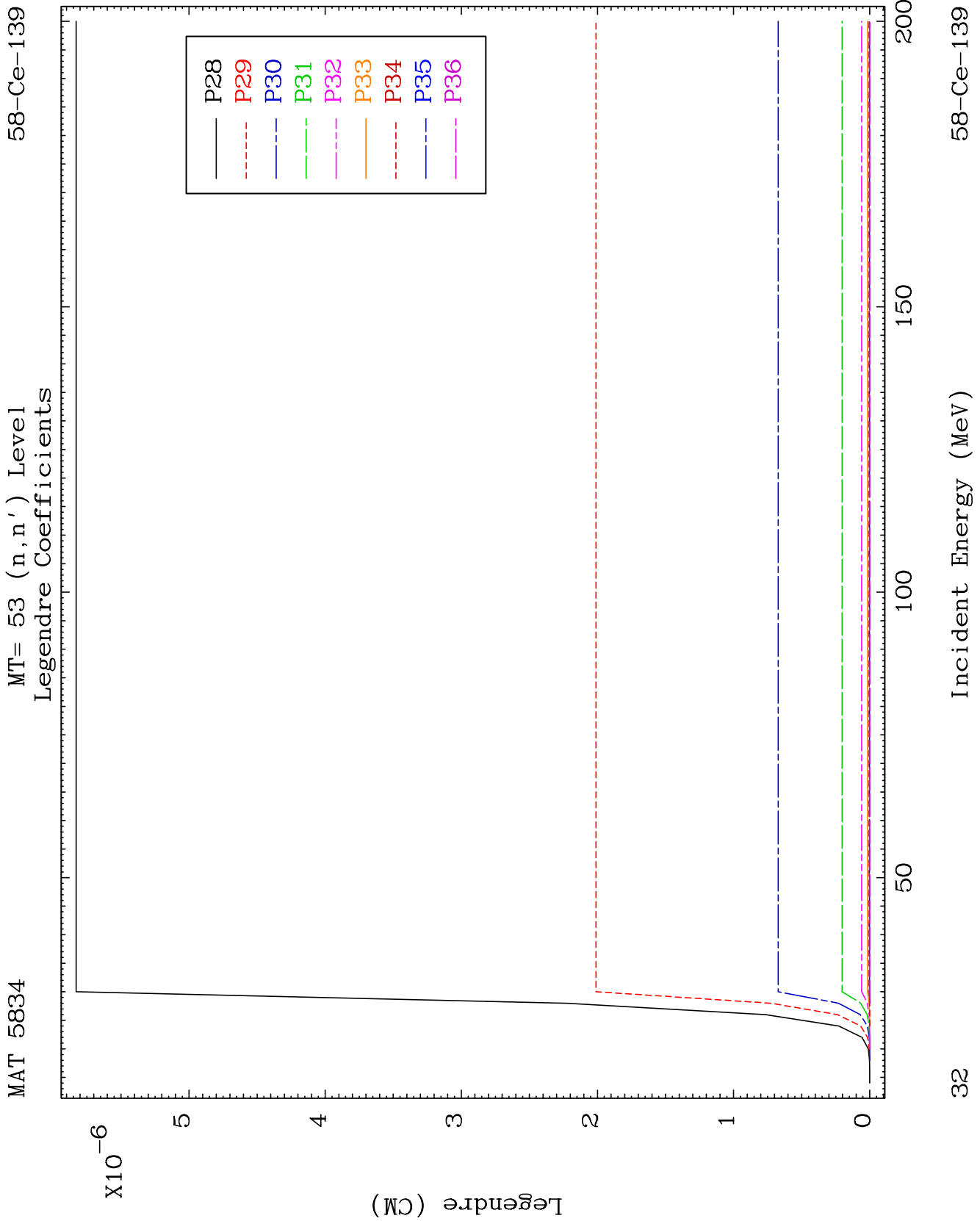


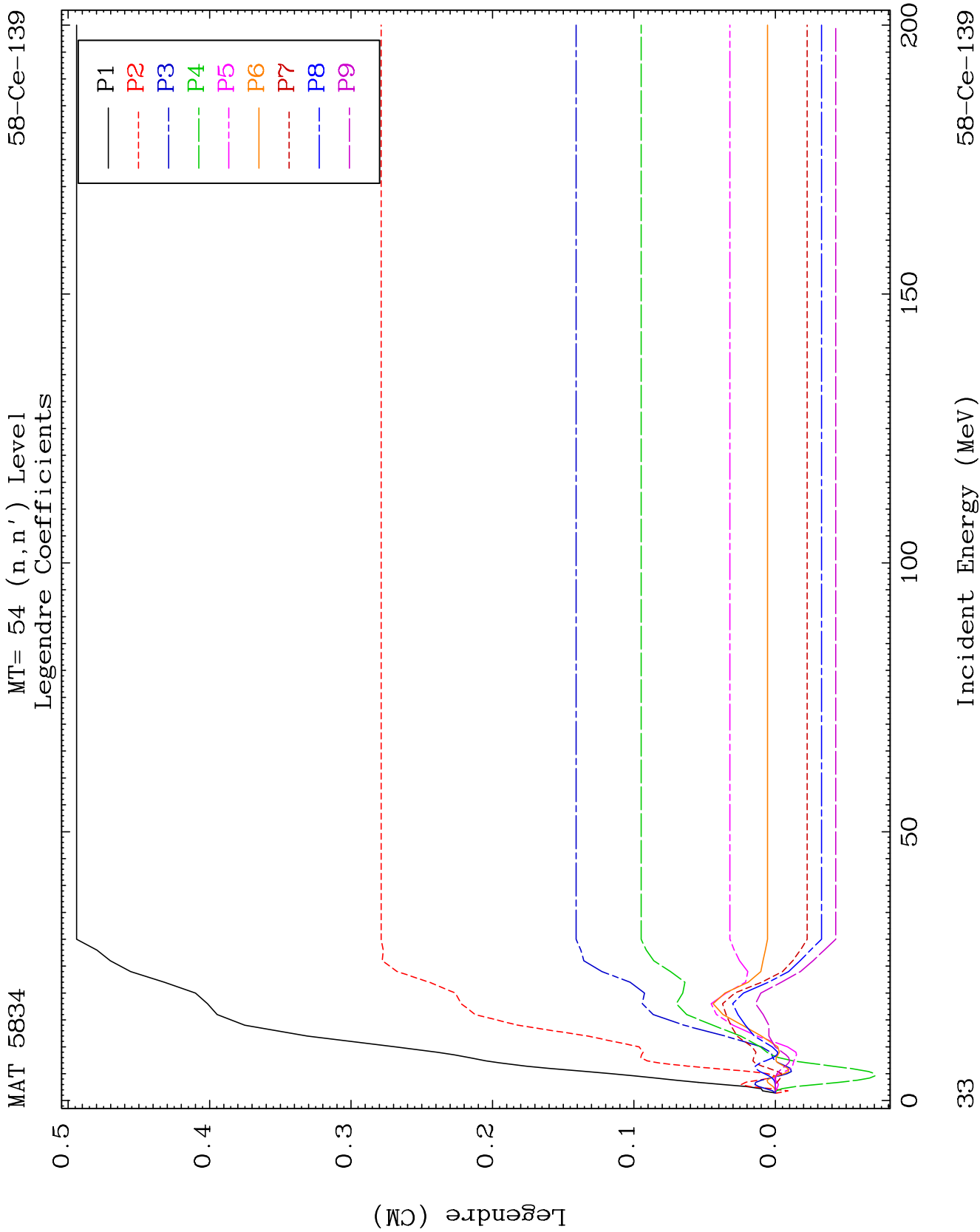


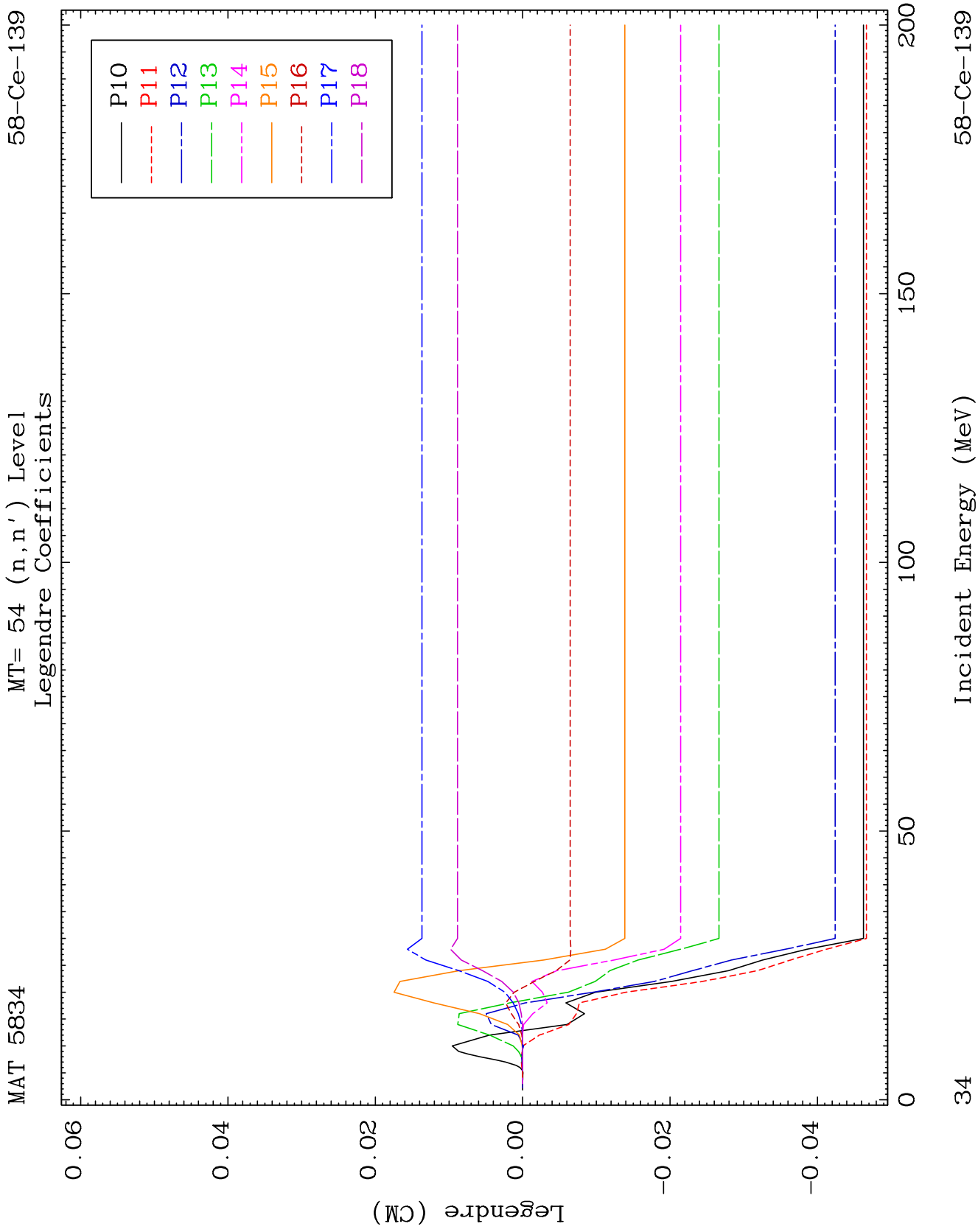


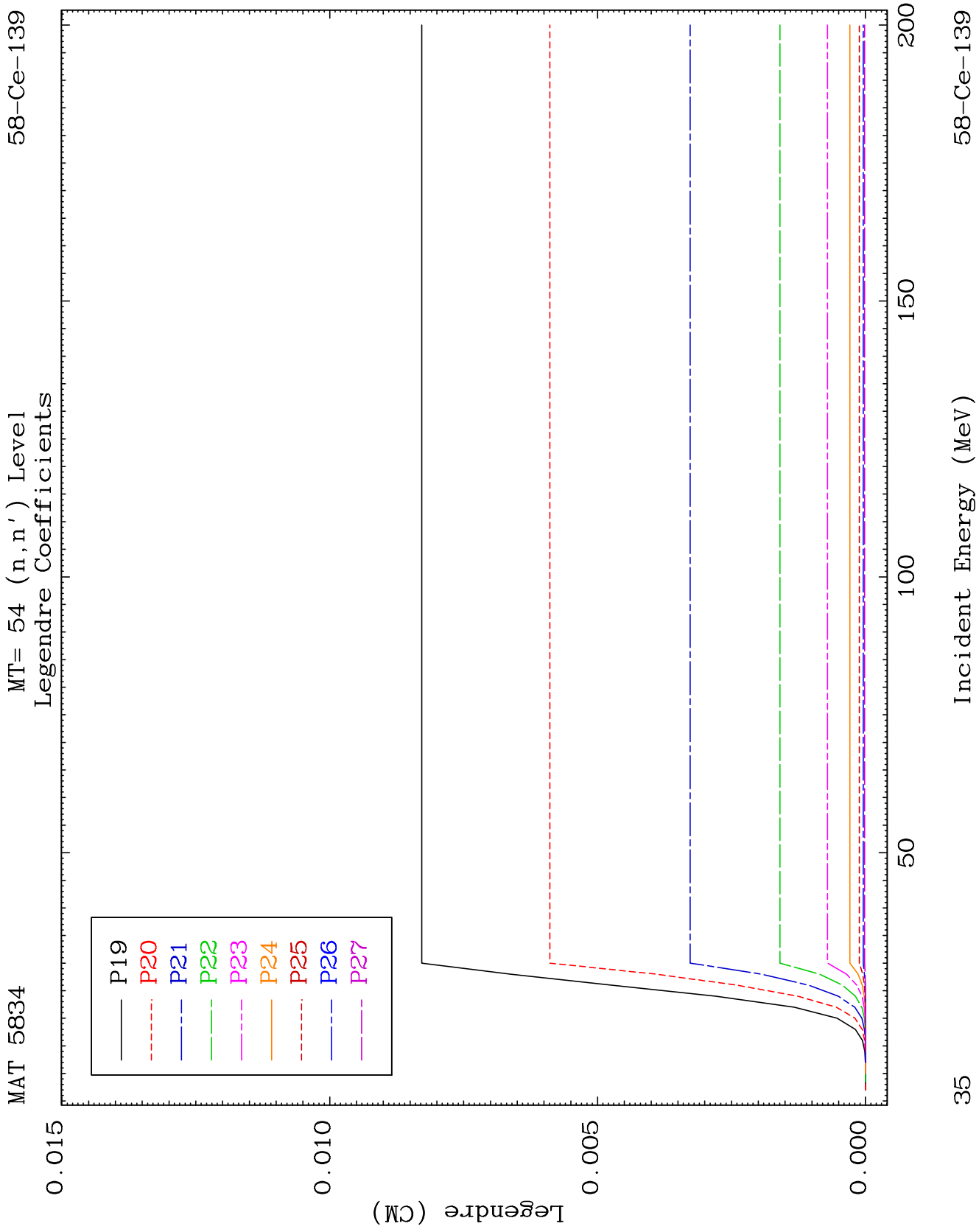


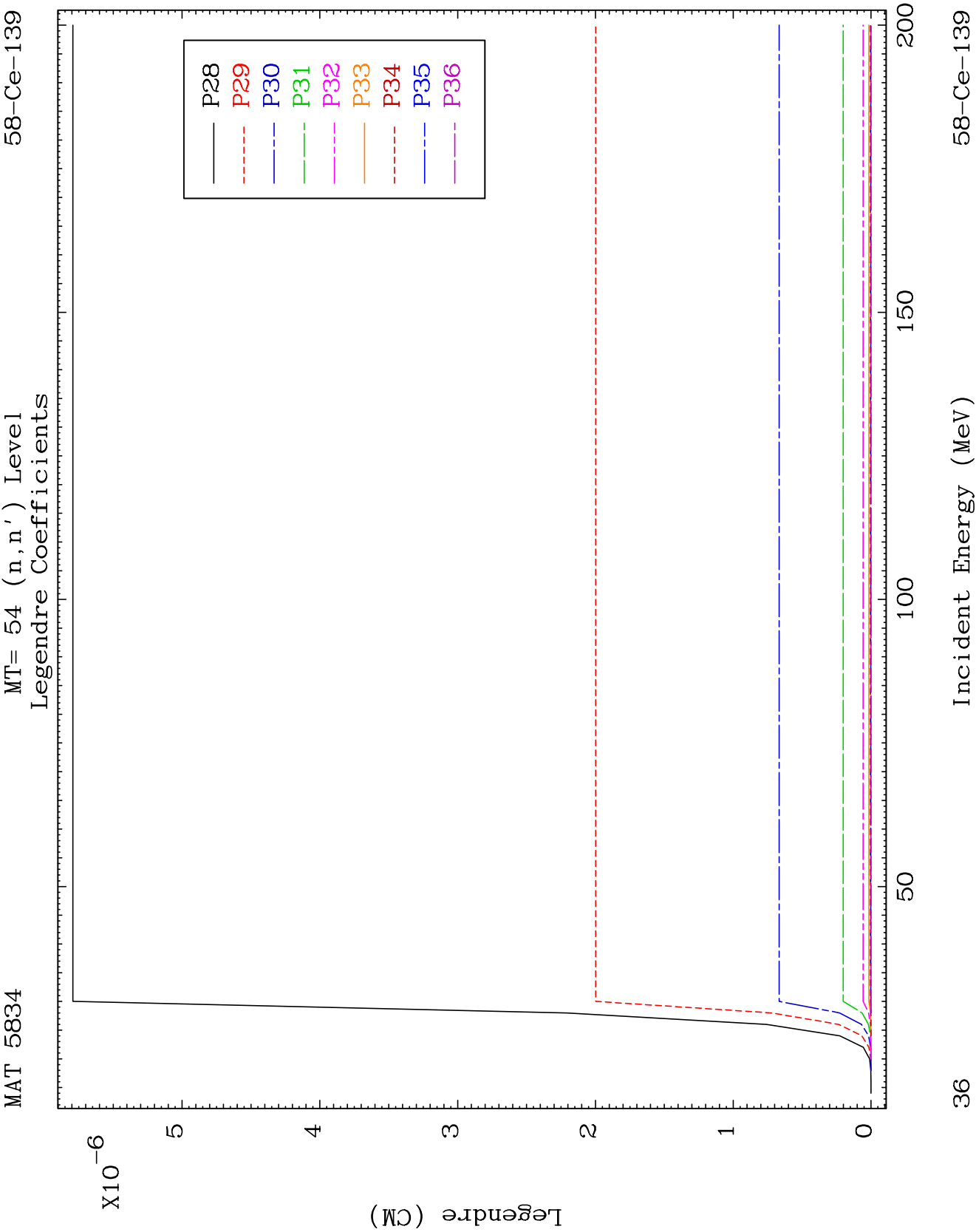








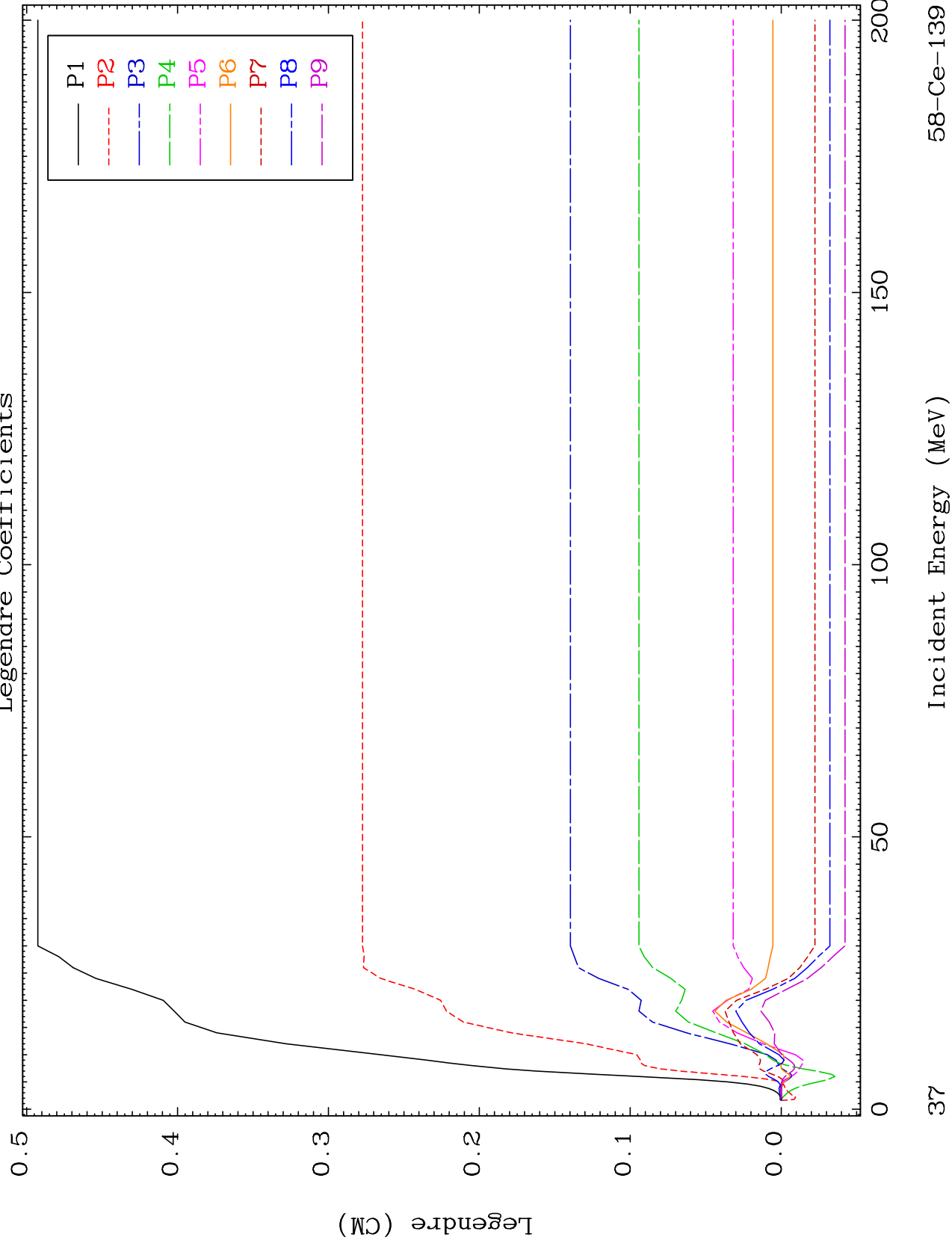


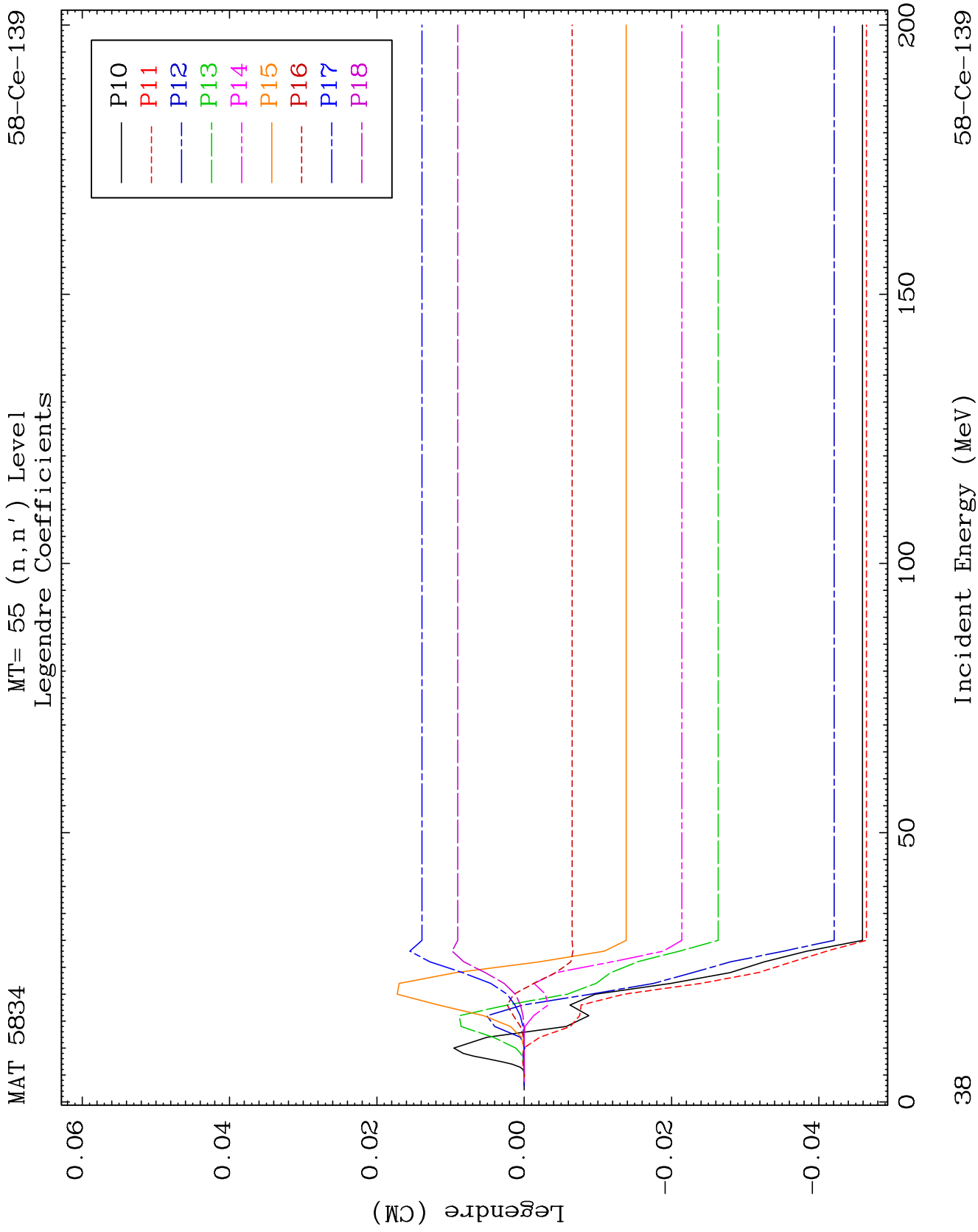


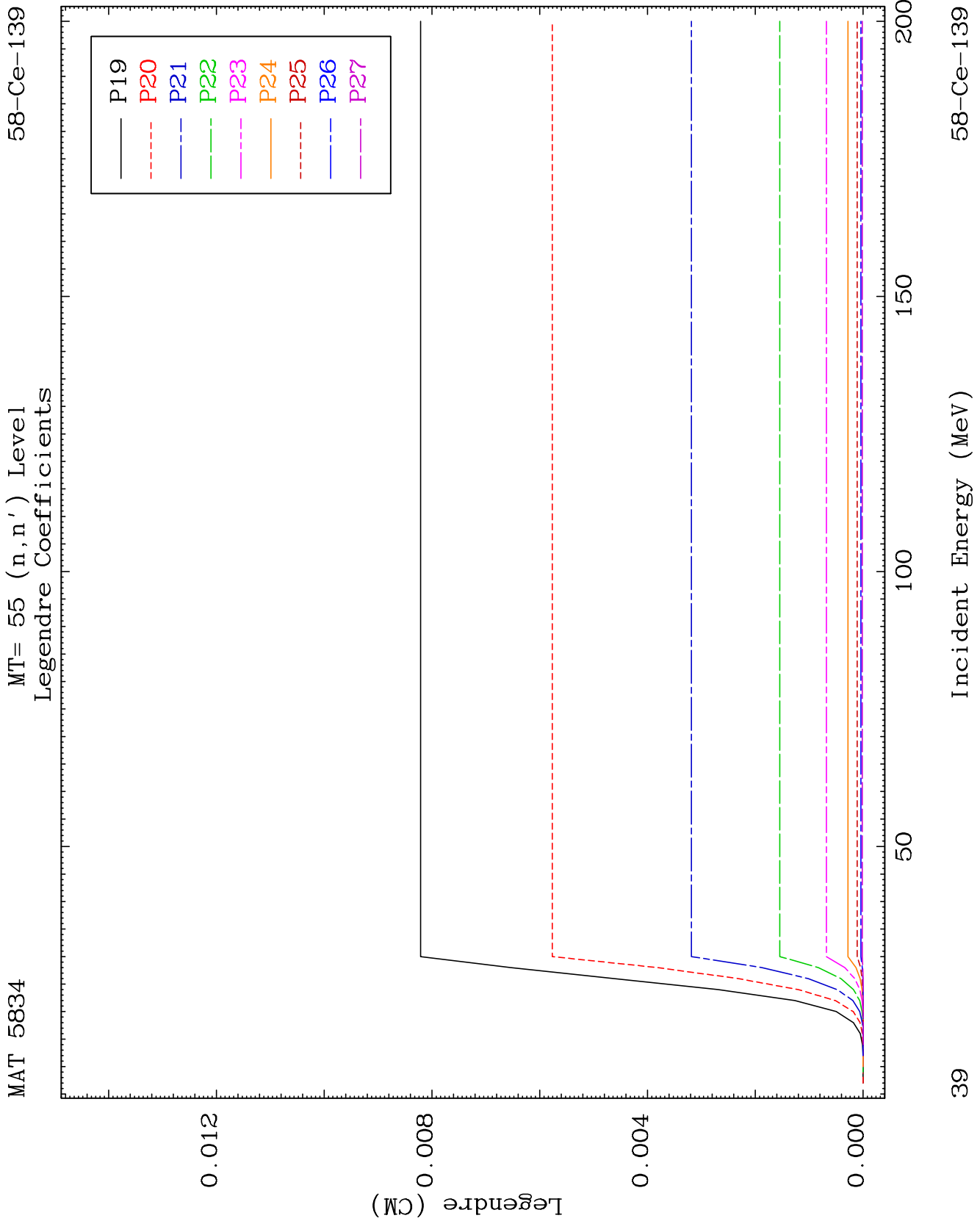
MAT 5834

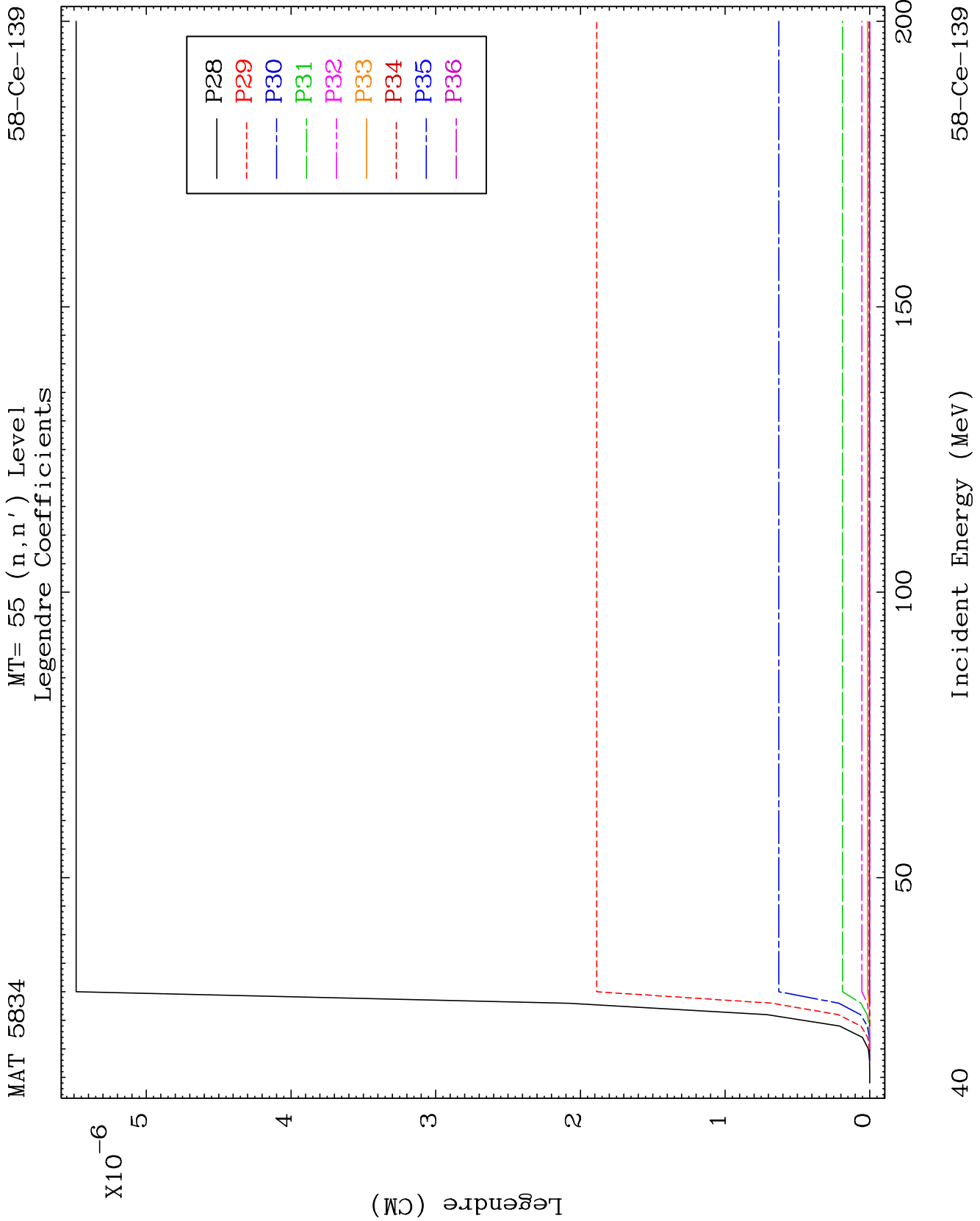
MT= 55 (n, n') Level
Legendre Coefficients

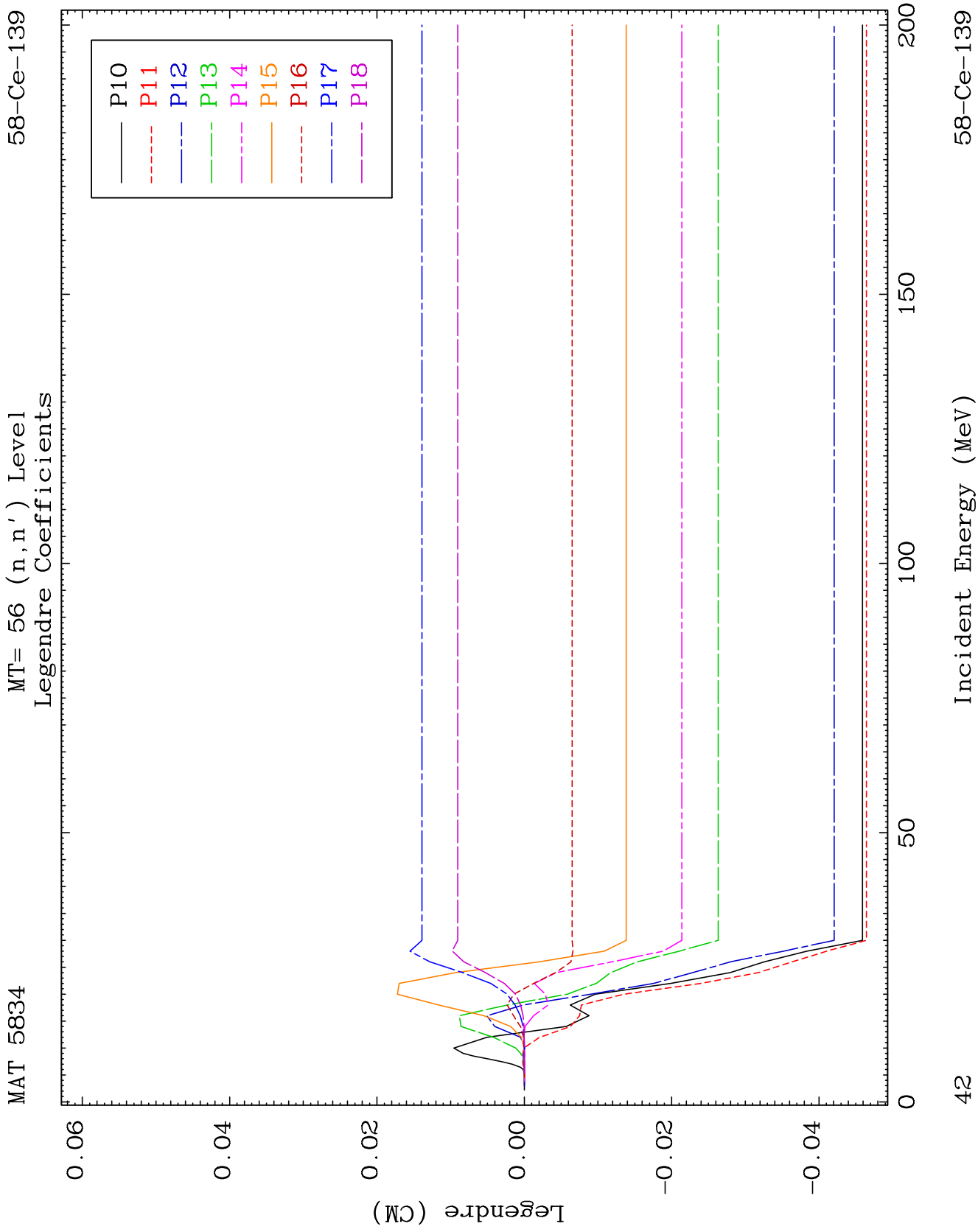
58-Ce-139







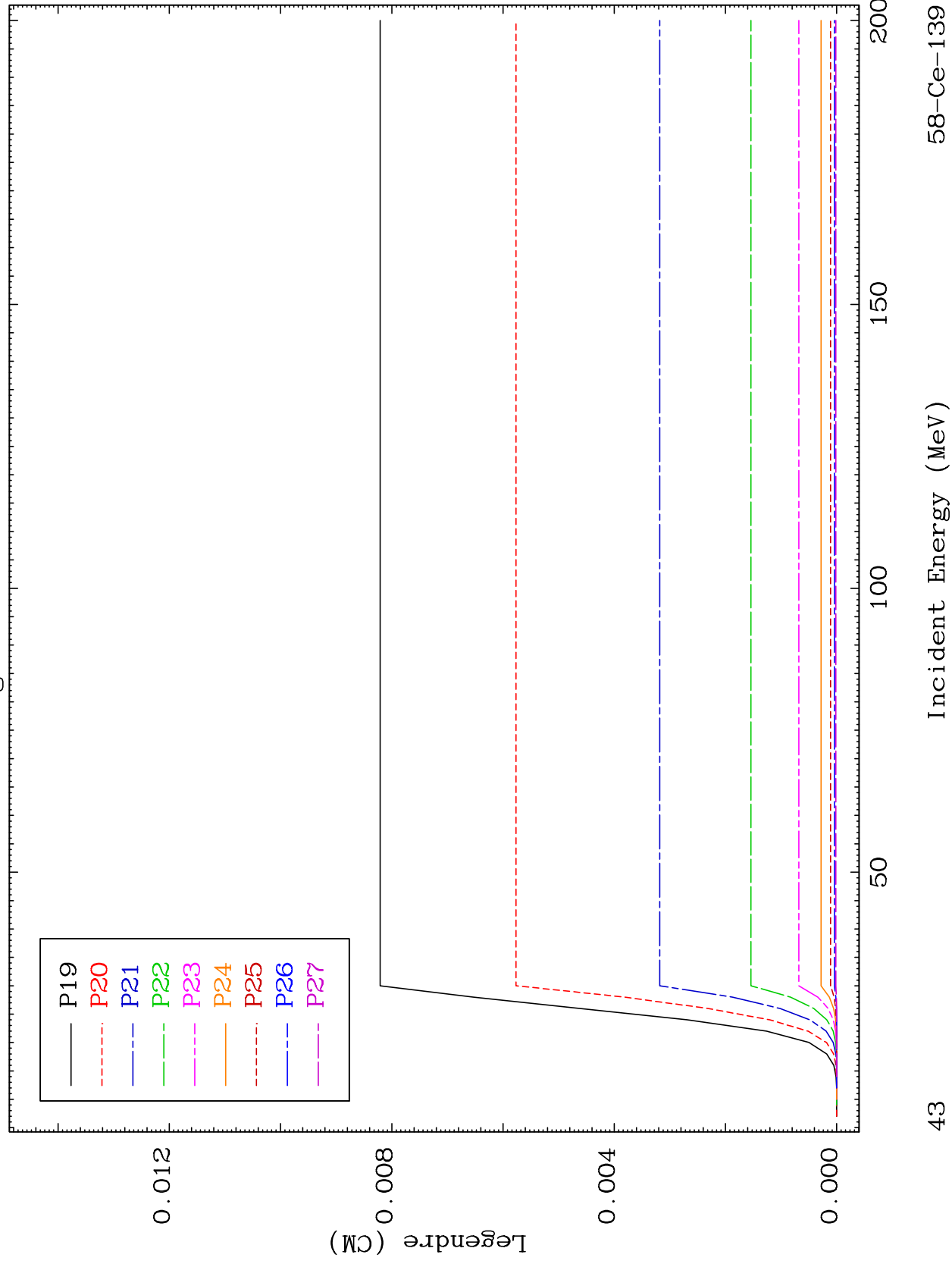


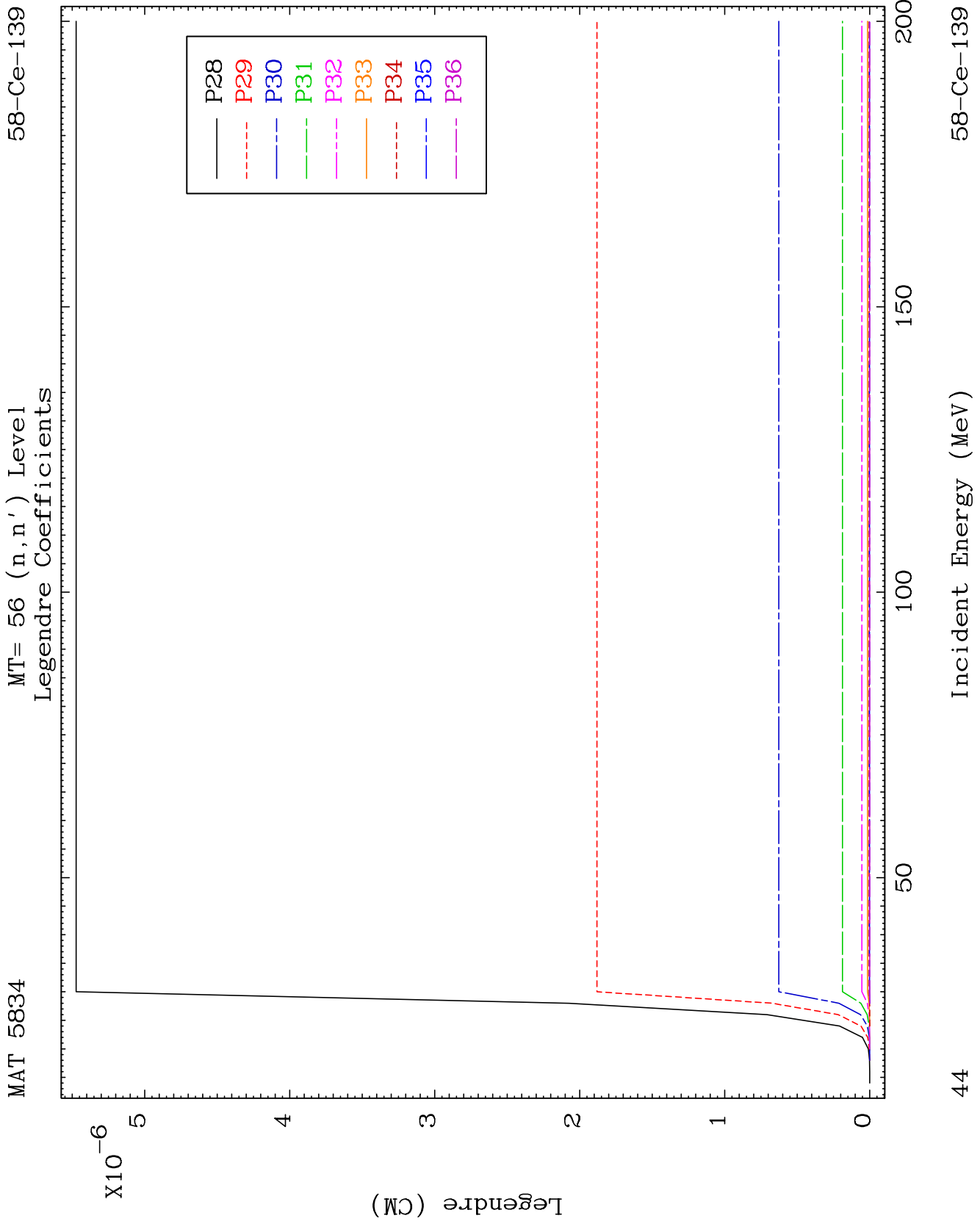


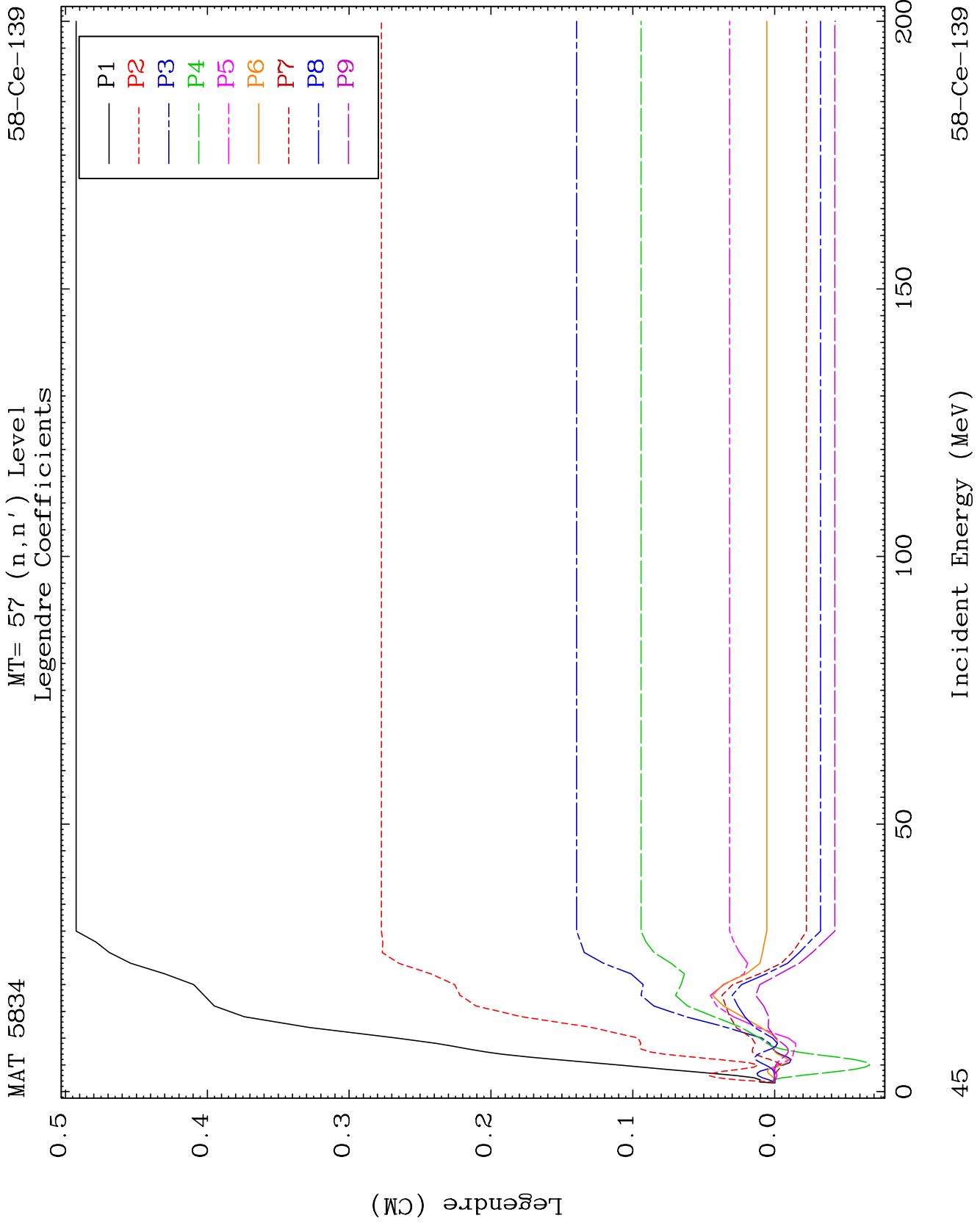
MAT 5834

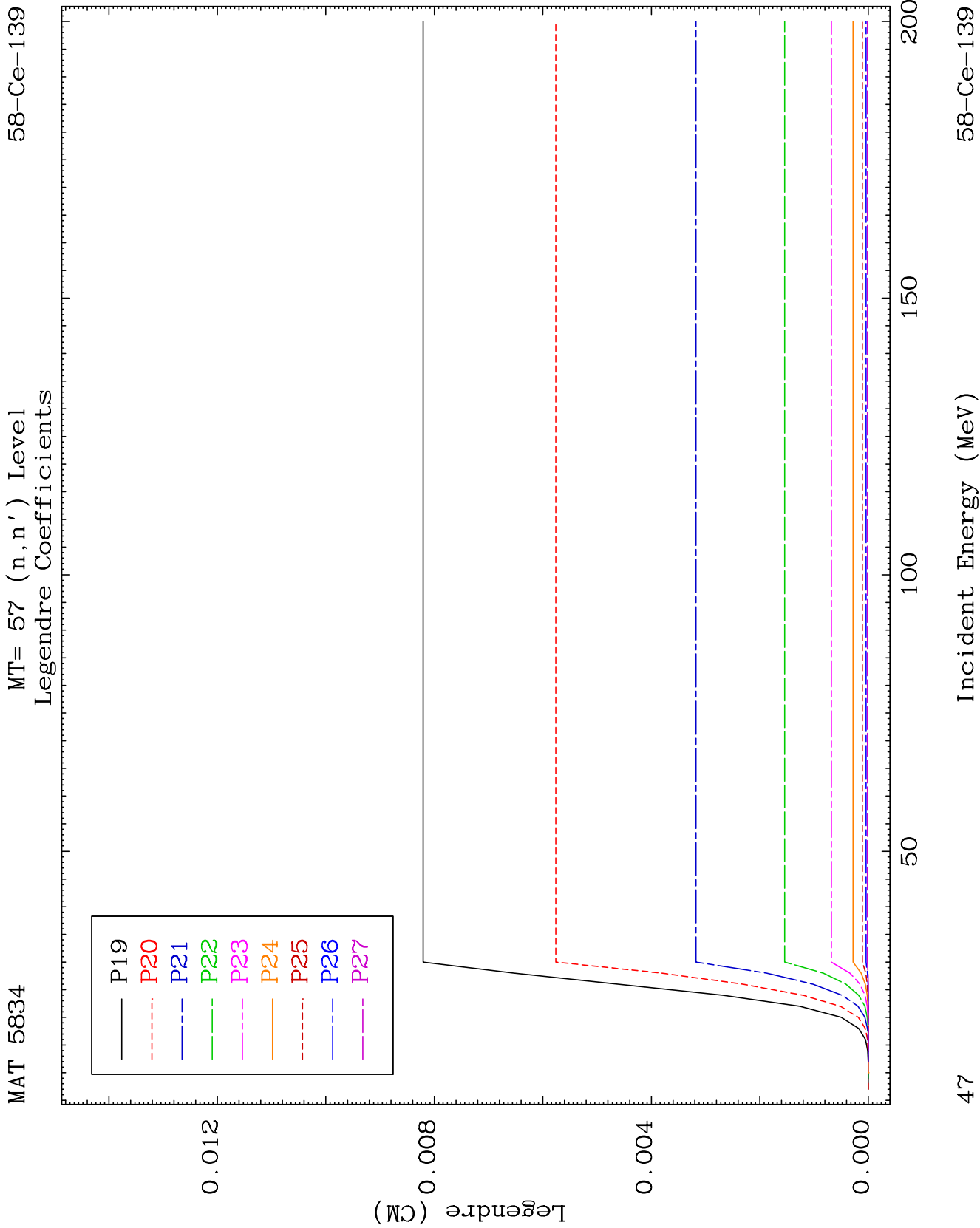
MT= 56 (n, n') Level
Legendre Coefficients

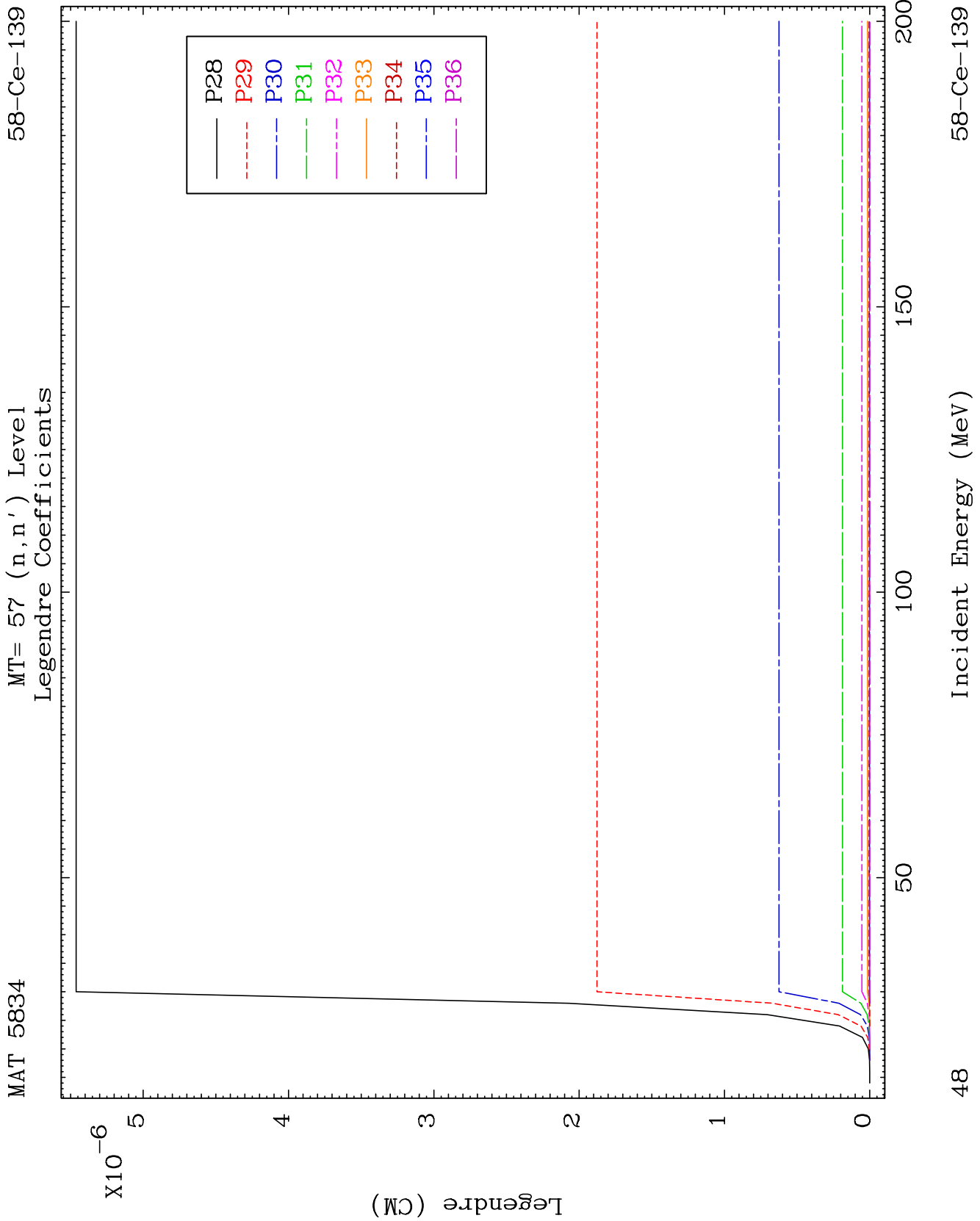
58-Ce-139

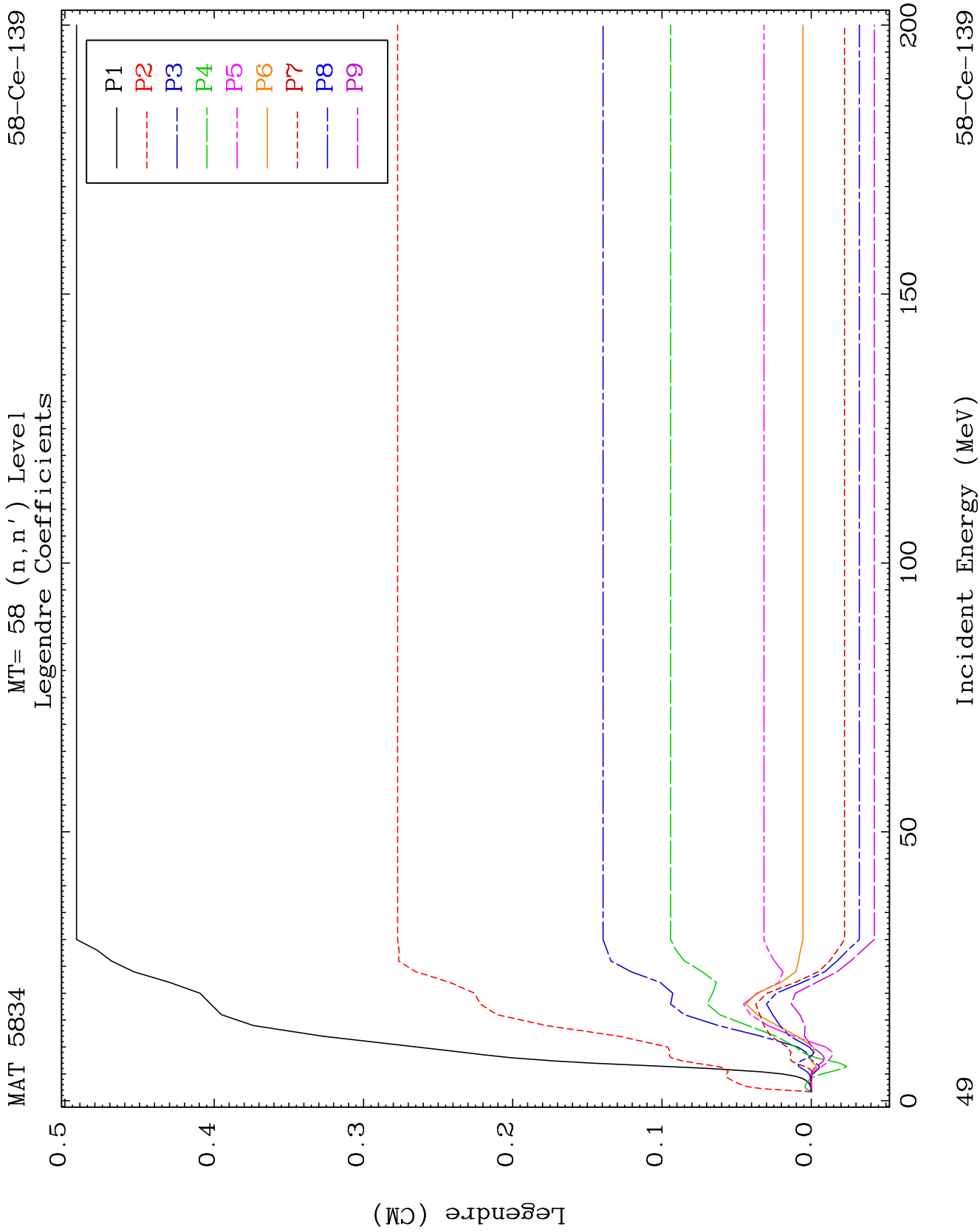








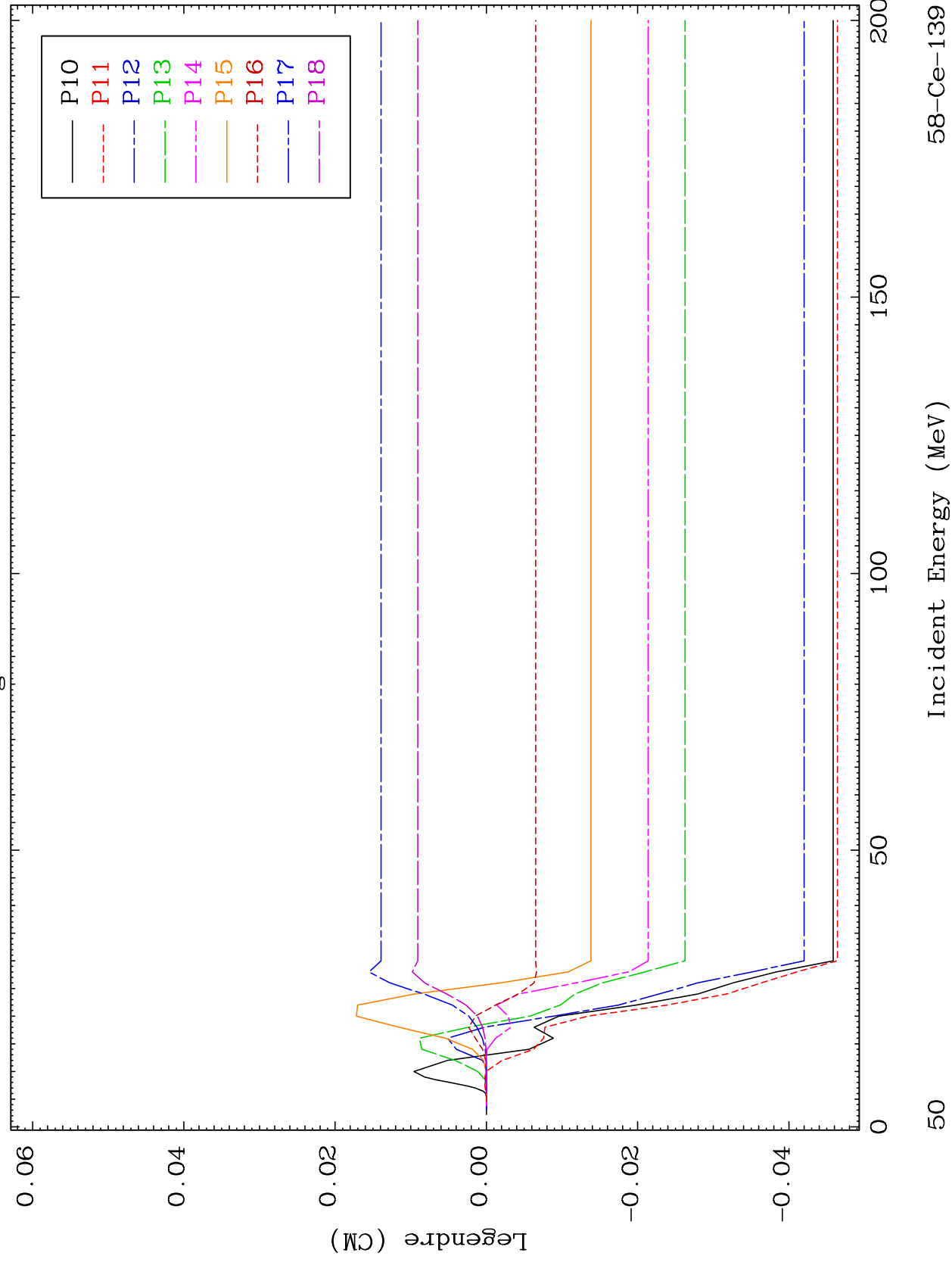




MAT 5834

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

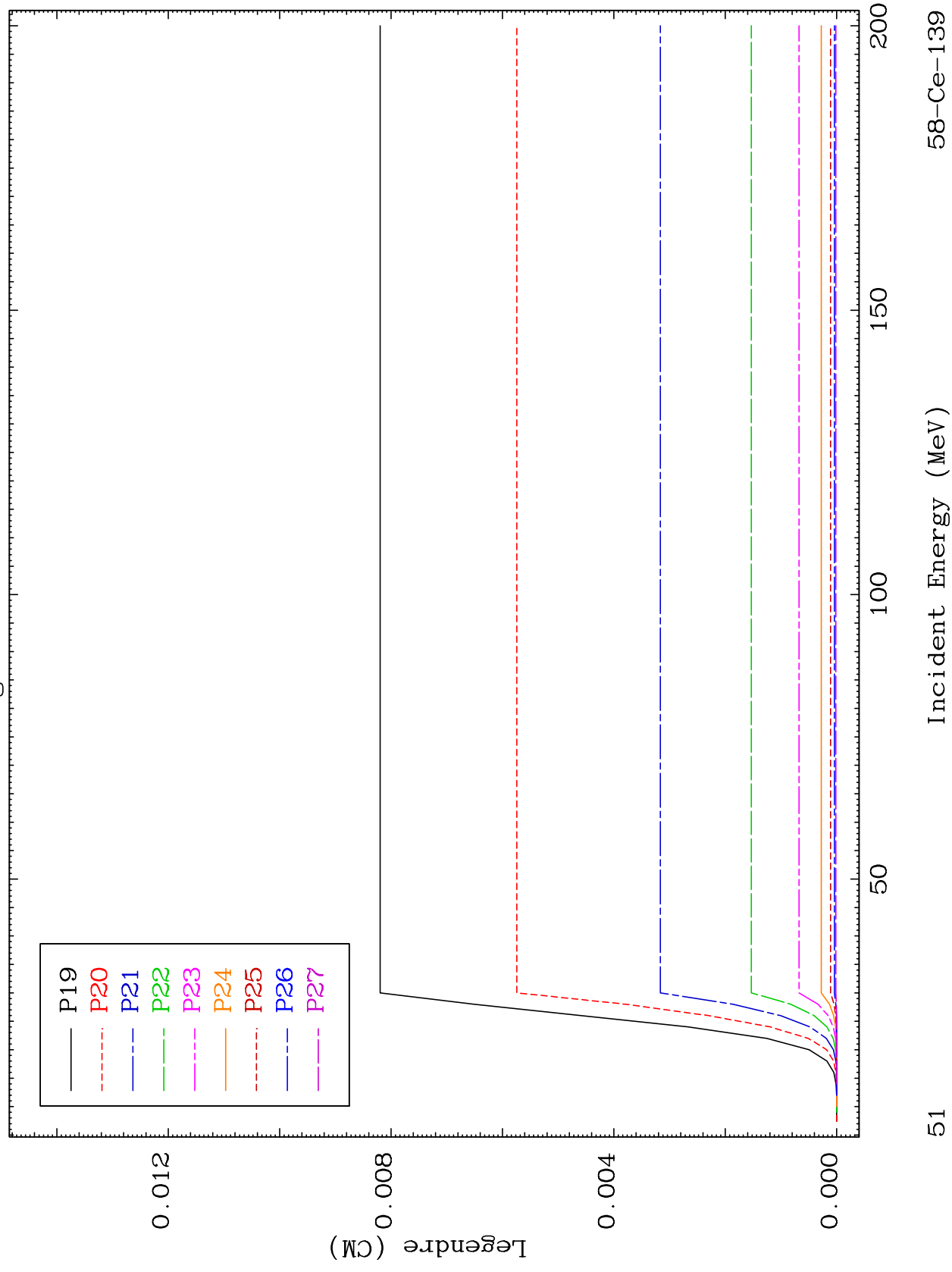
58-Ce-139

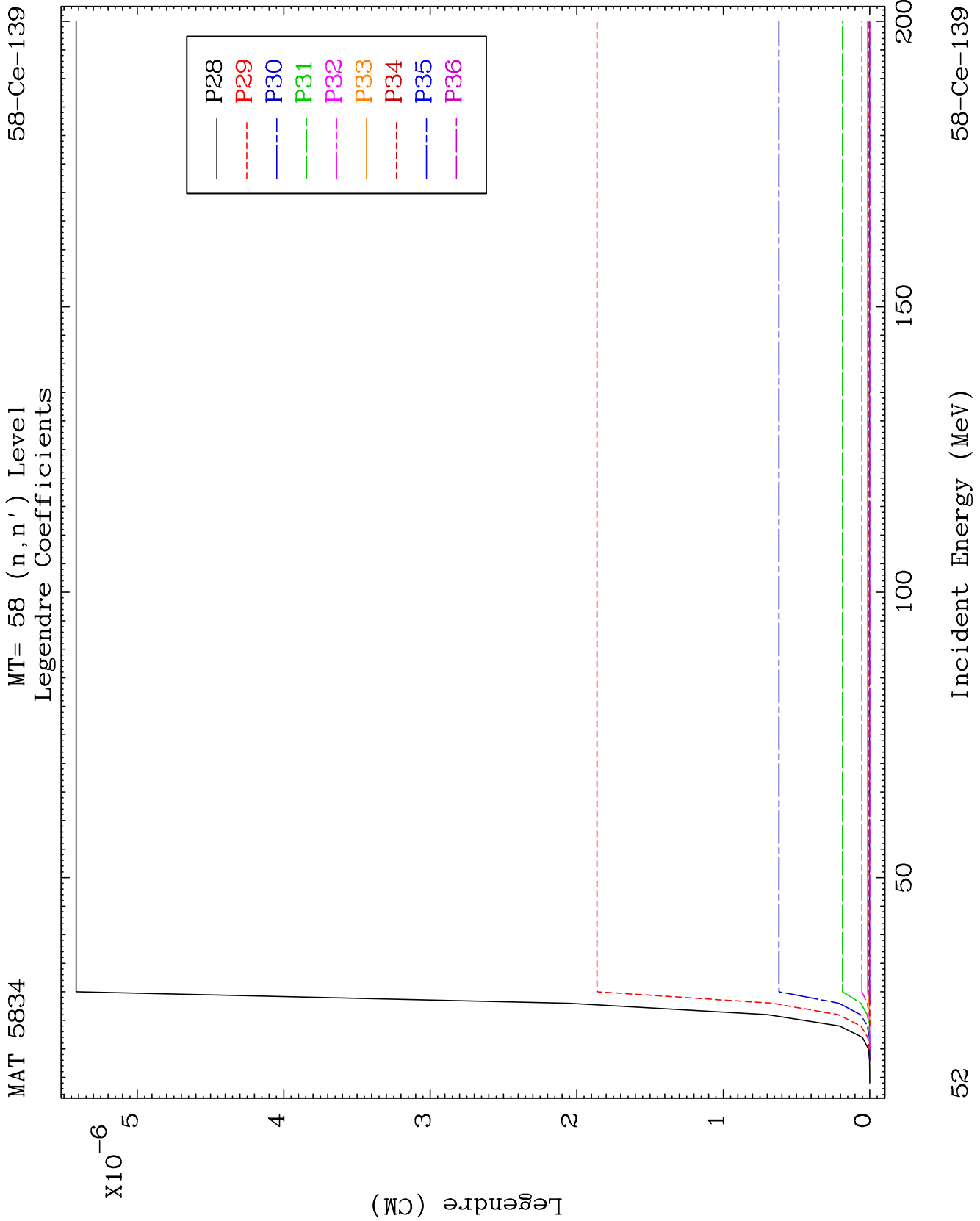


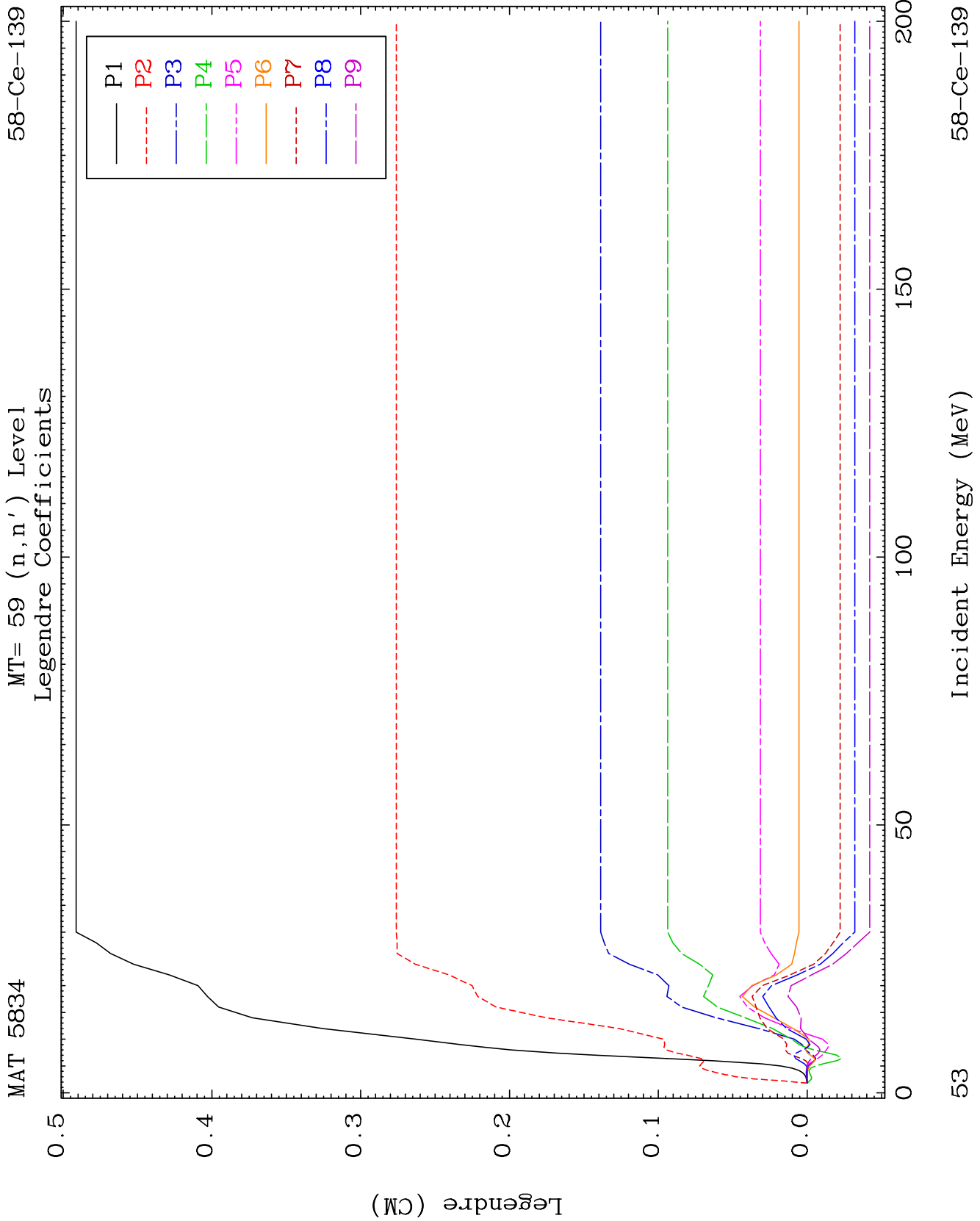
MAT 5834

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

58-Ce-139



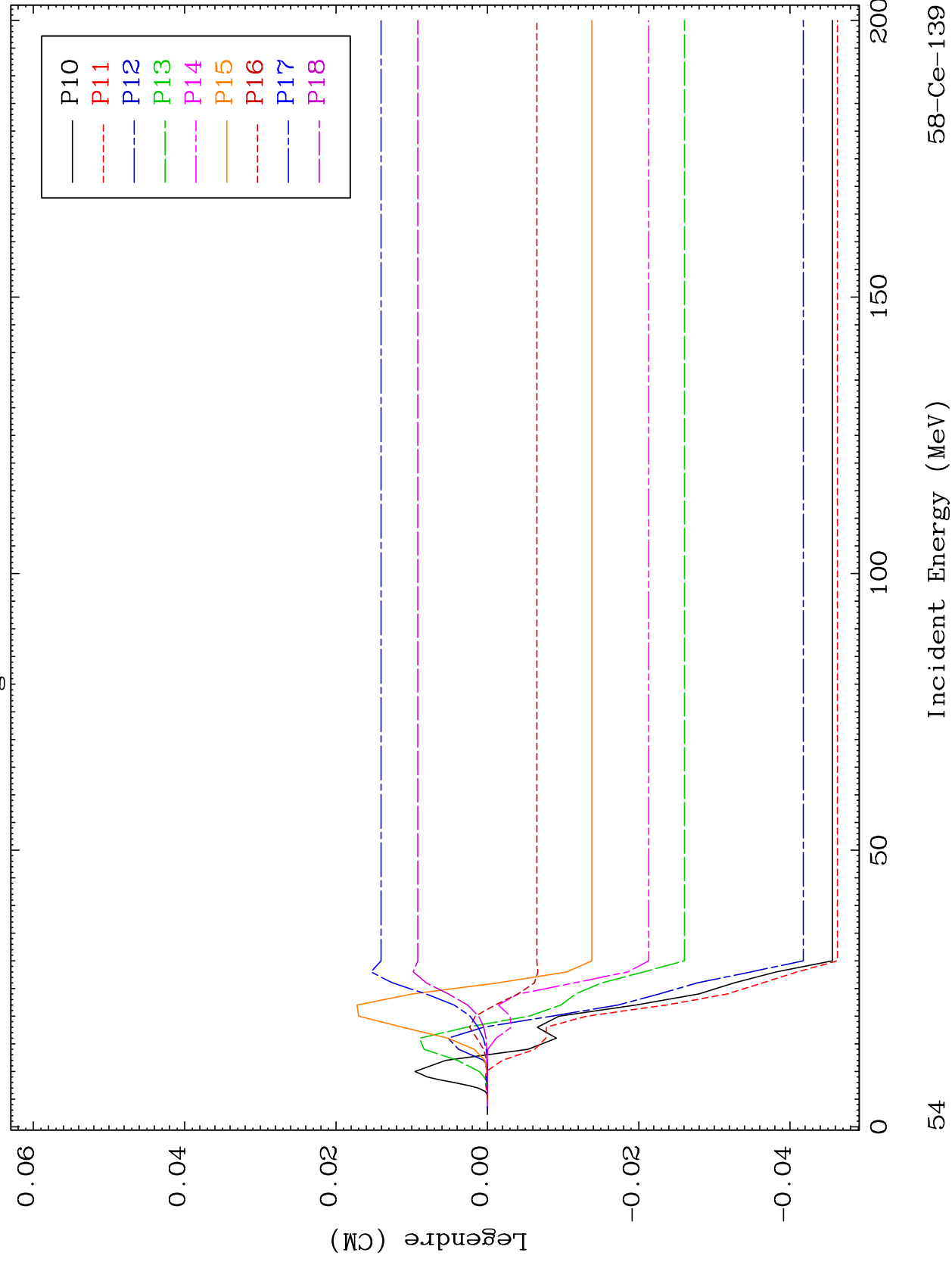


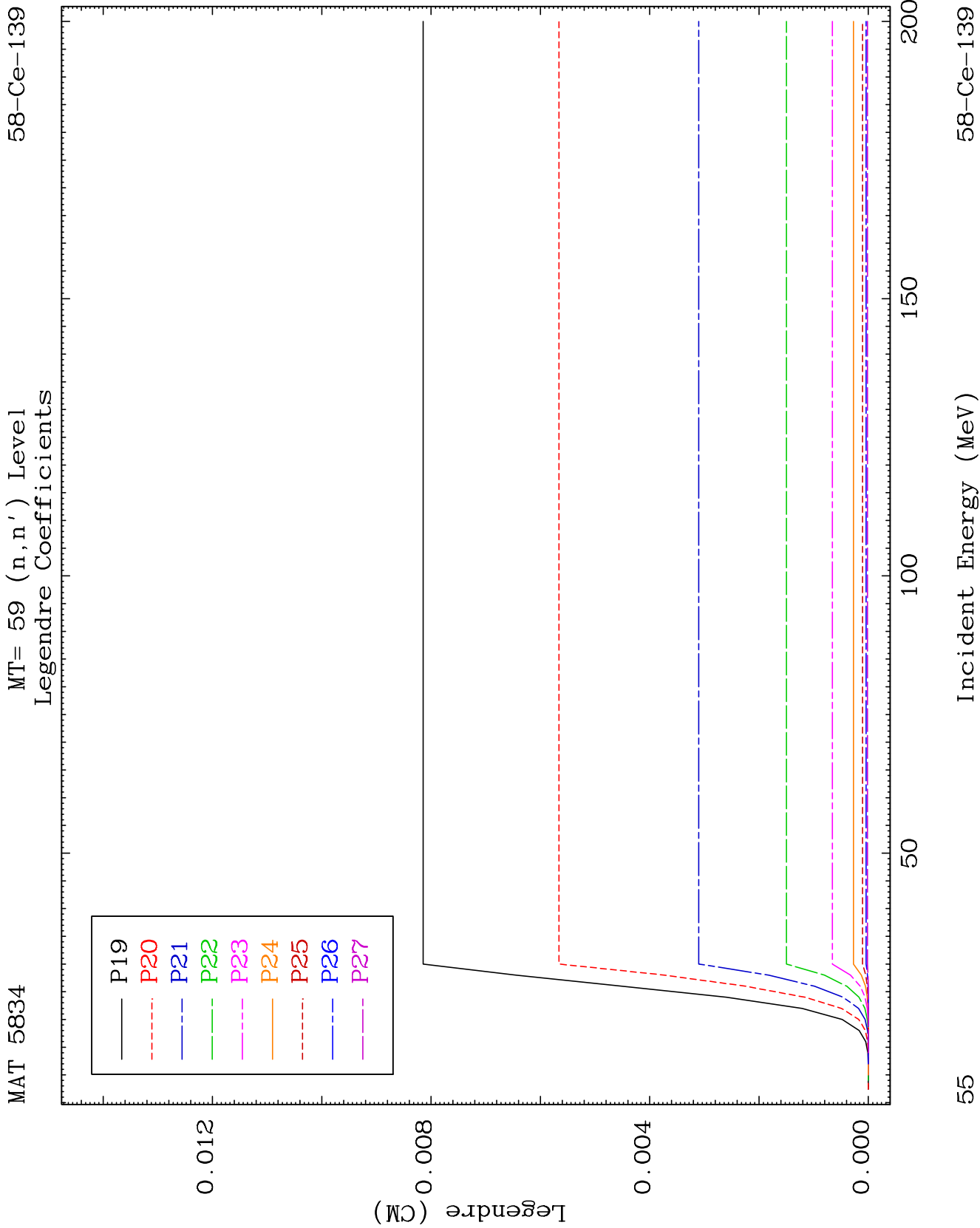


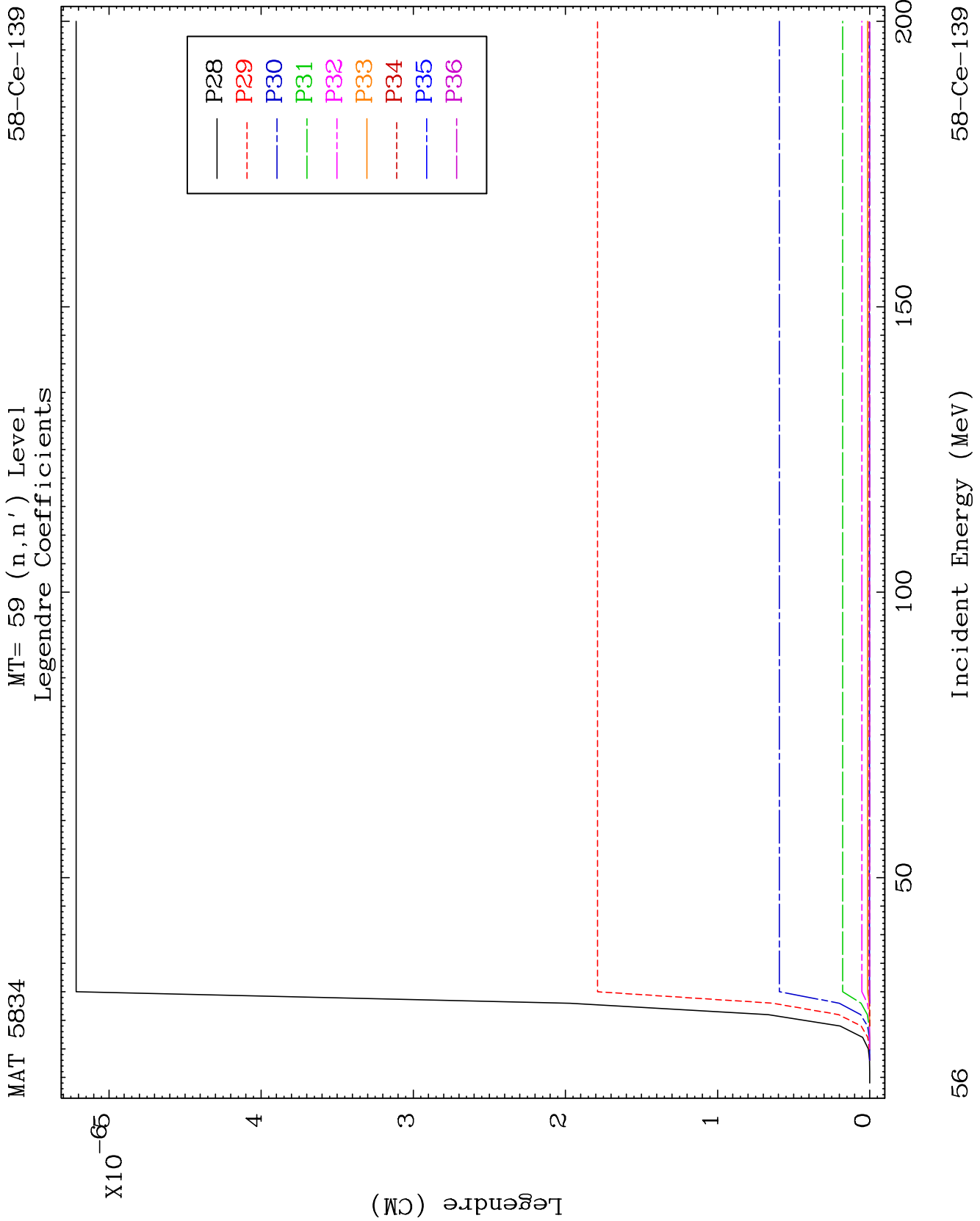
MAT 5834

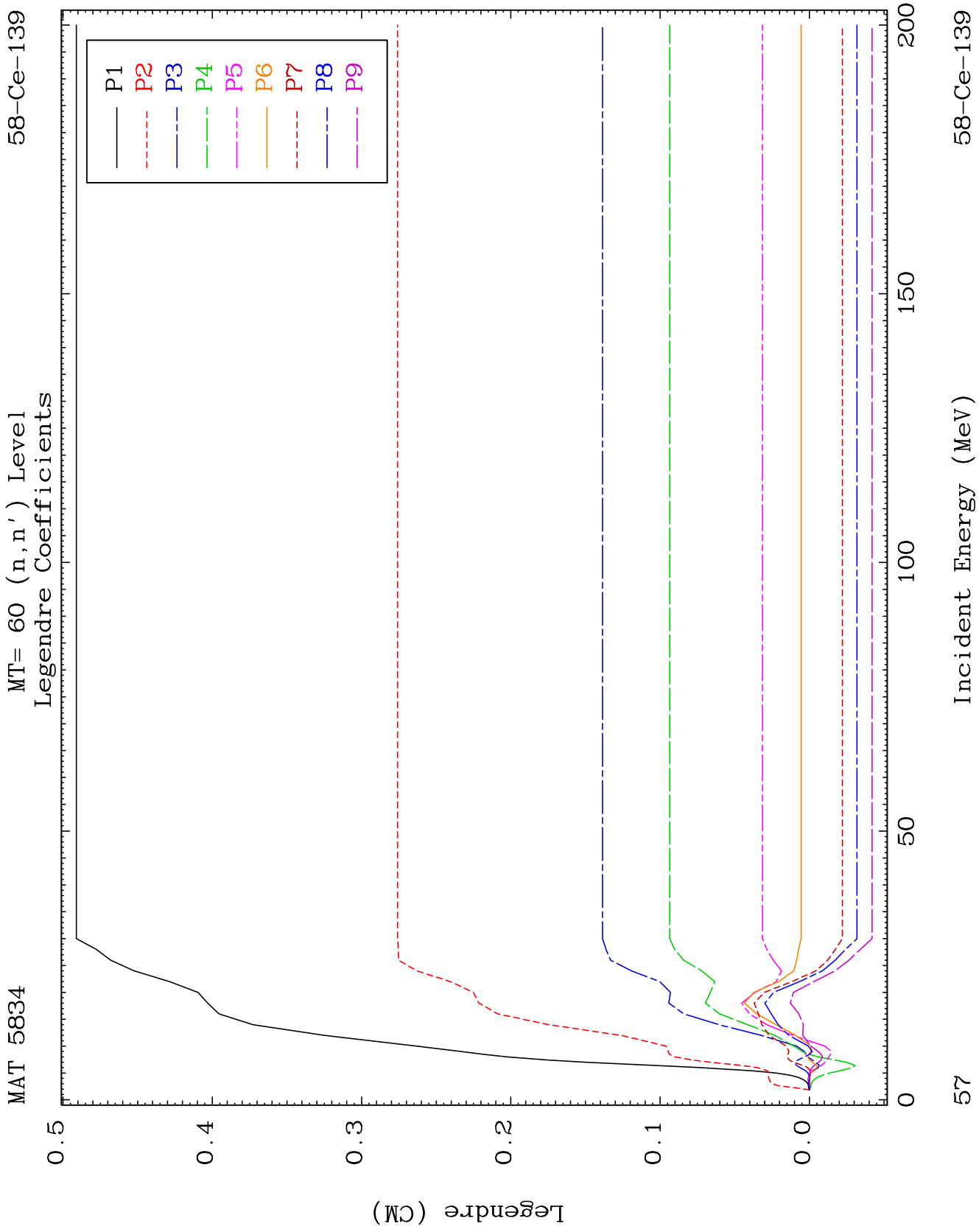
MT= 59 (n, n') Level
Legendre Coefficients

58-Ce-139





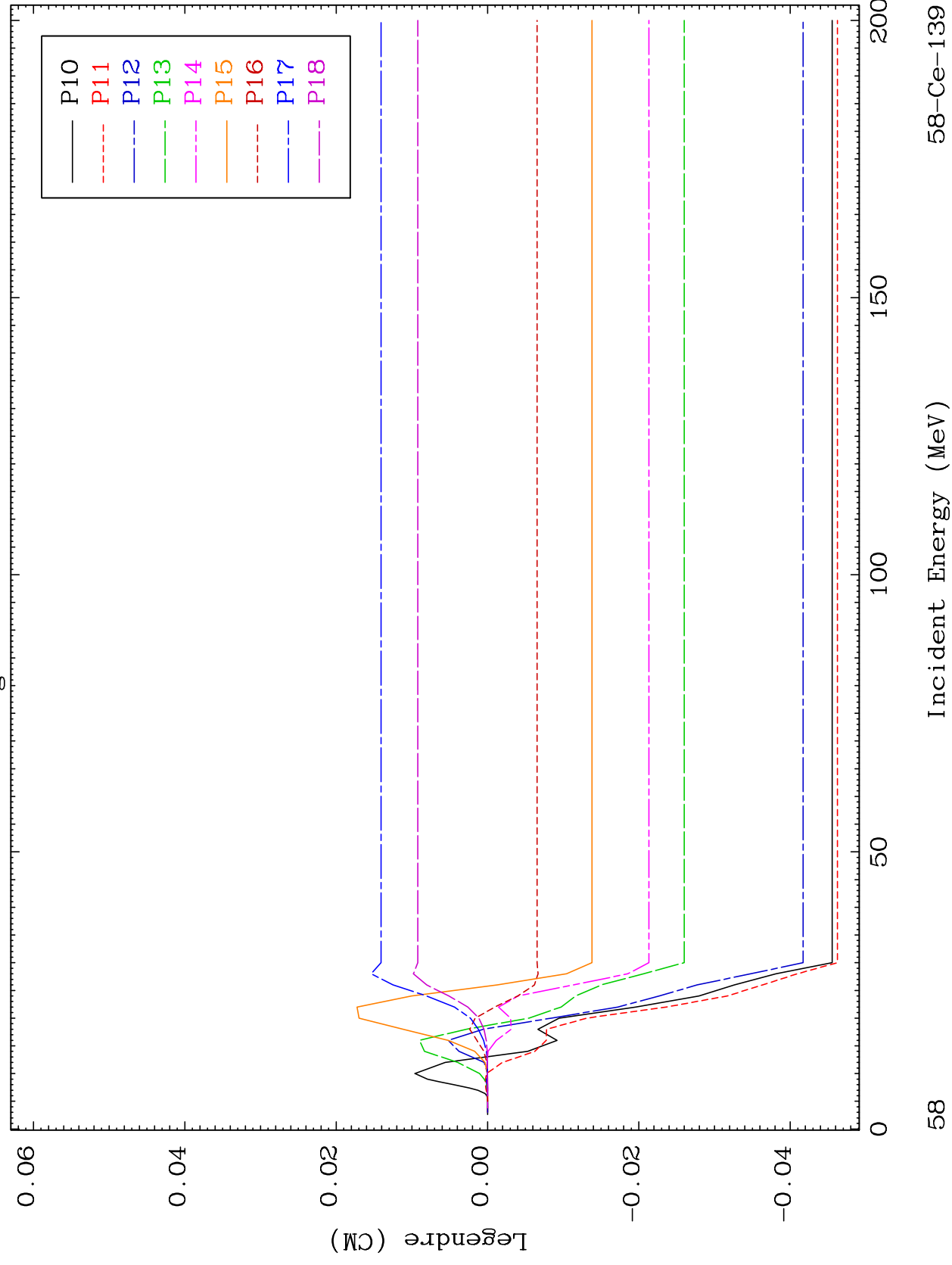




MAT 5834

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

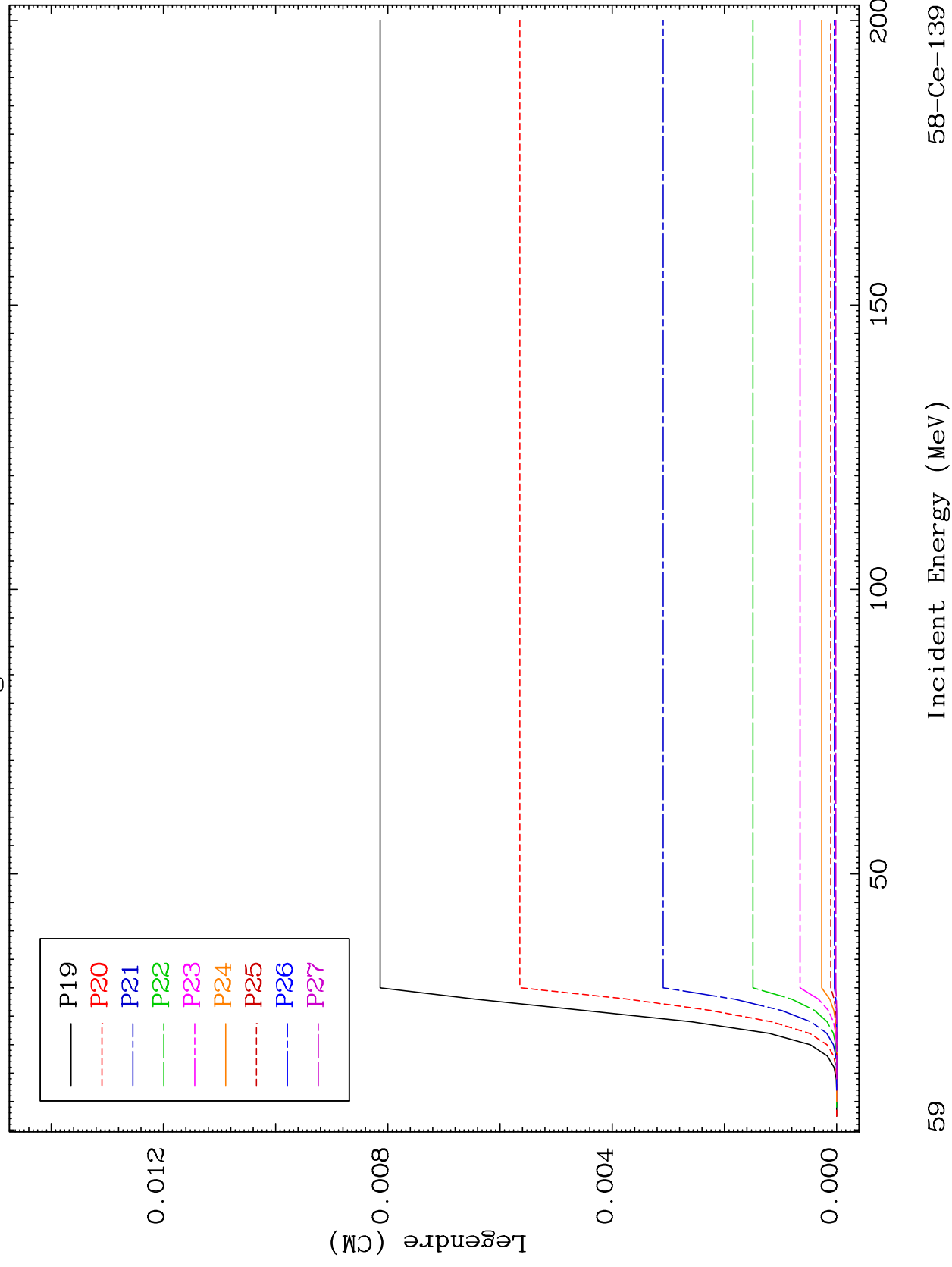
58-Ce-139

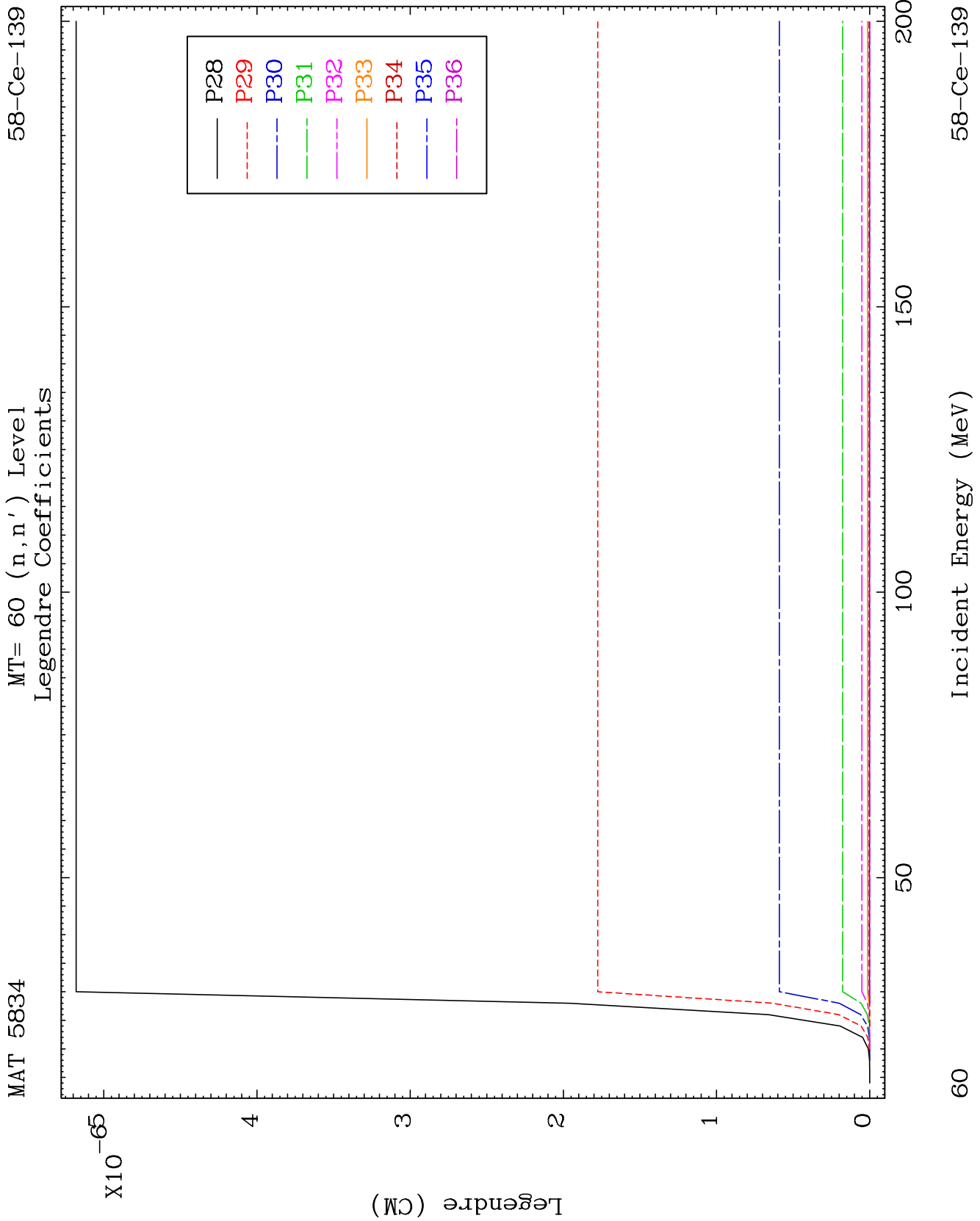


MAT 5834

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

58-Ce-139

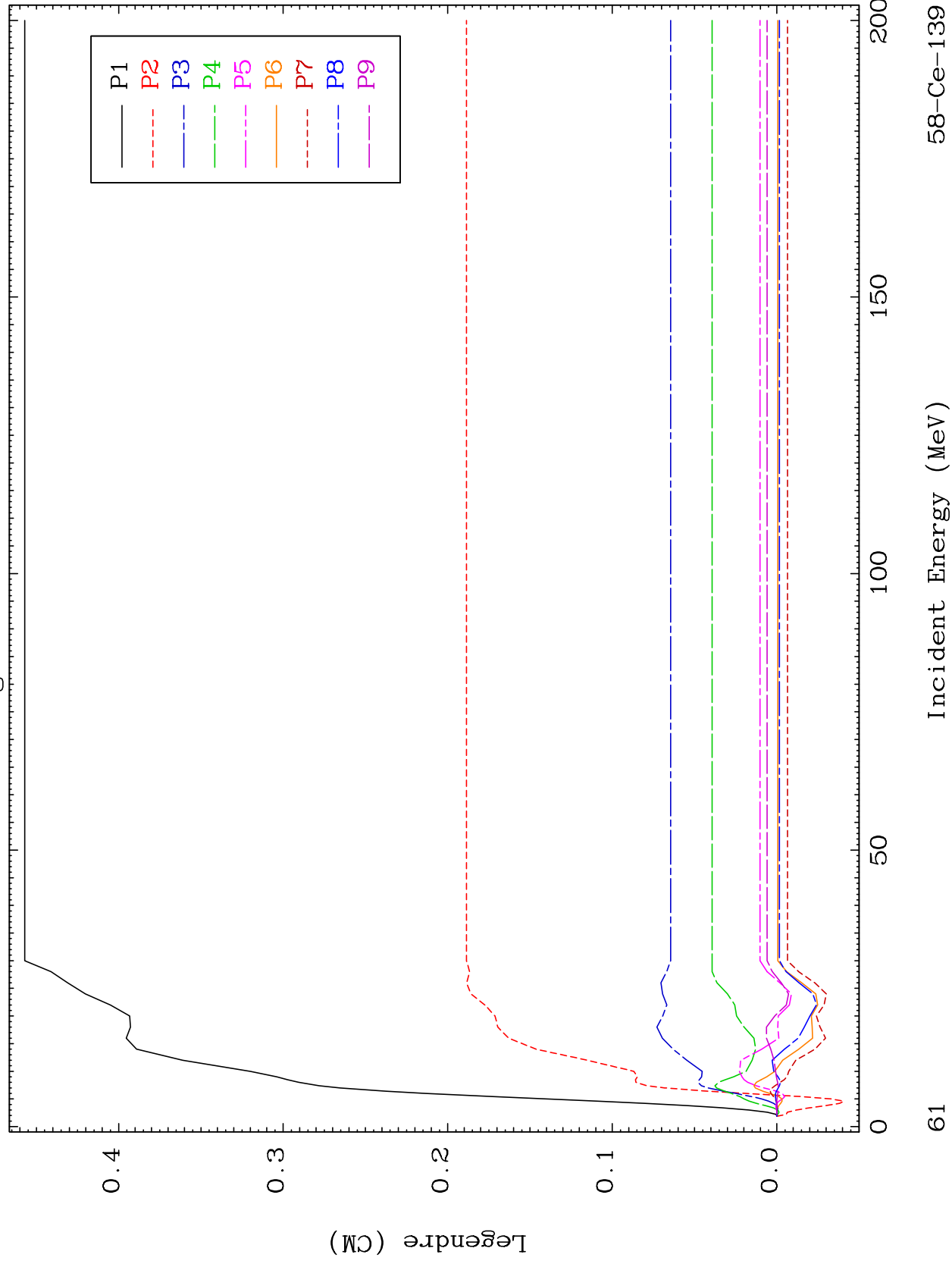




MAT 5834

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

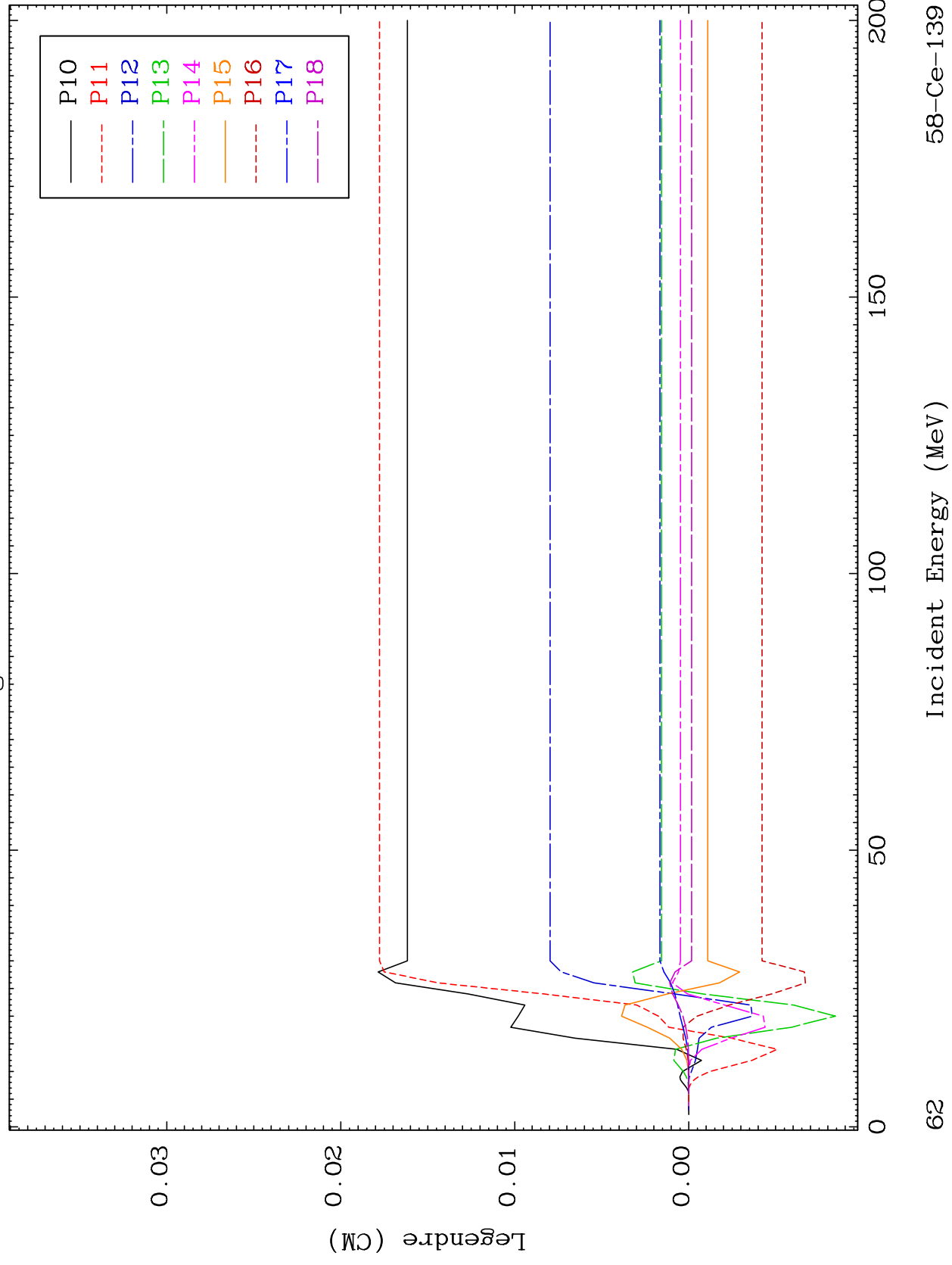
58-Ce-139

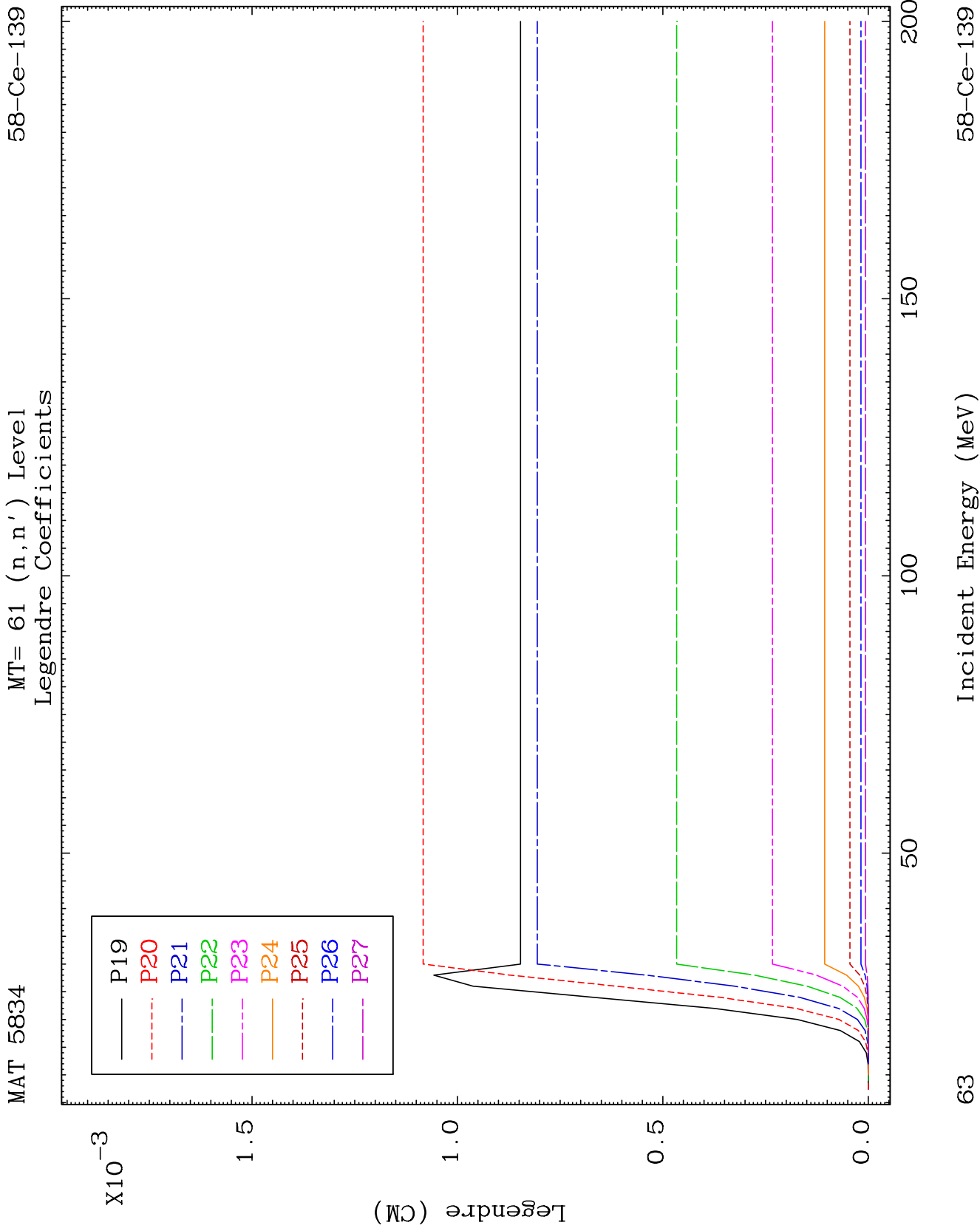


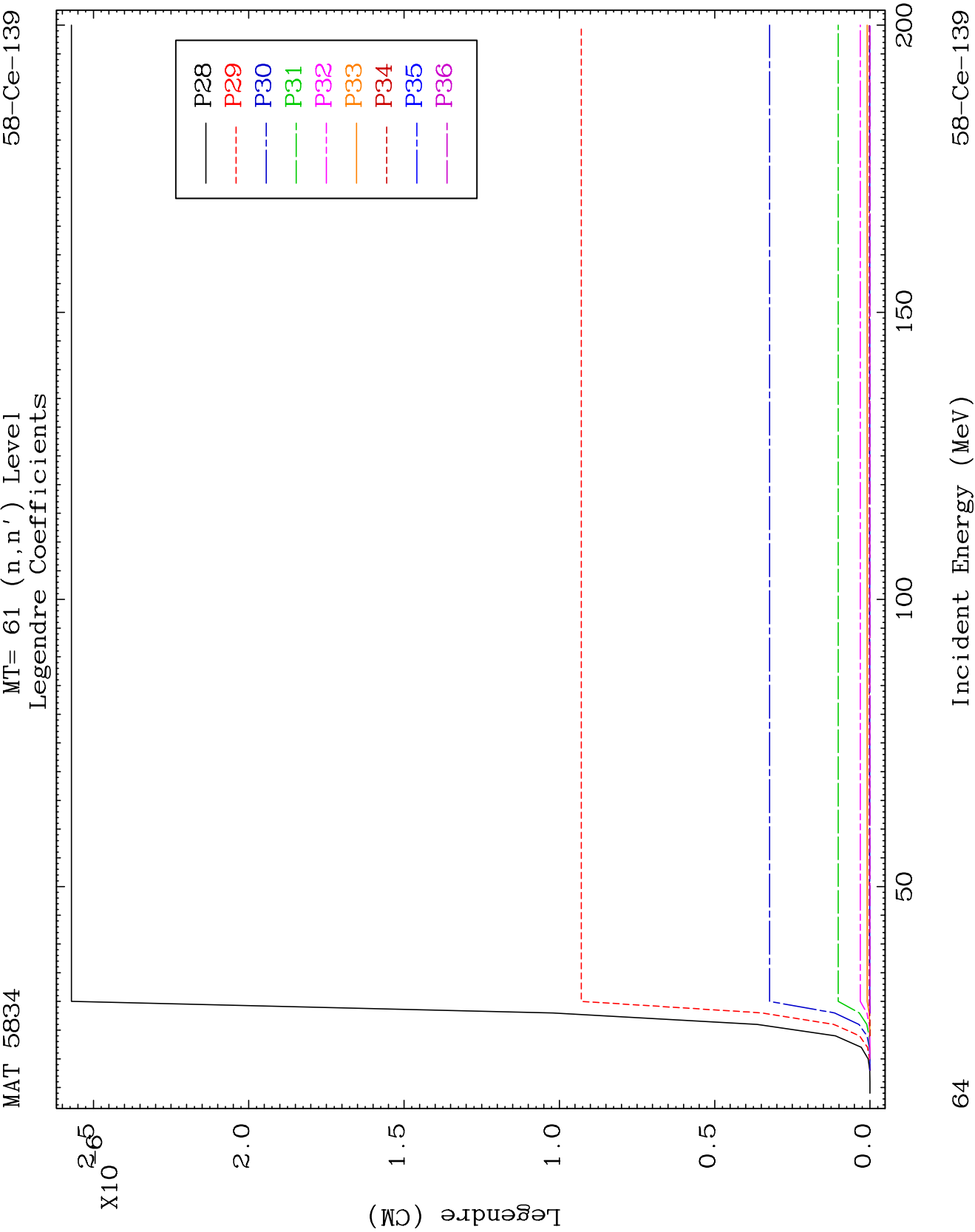
MAT 5834

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

58-Ce-139



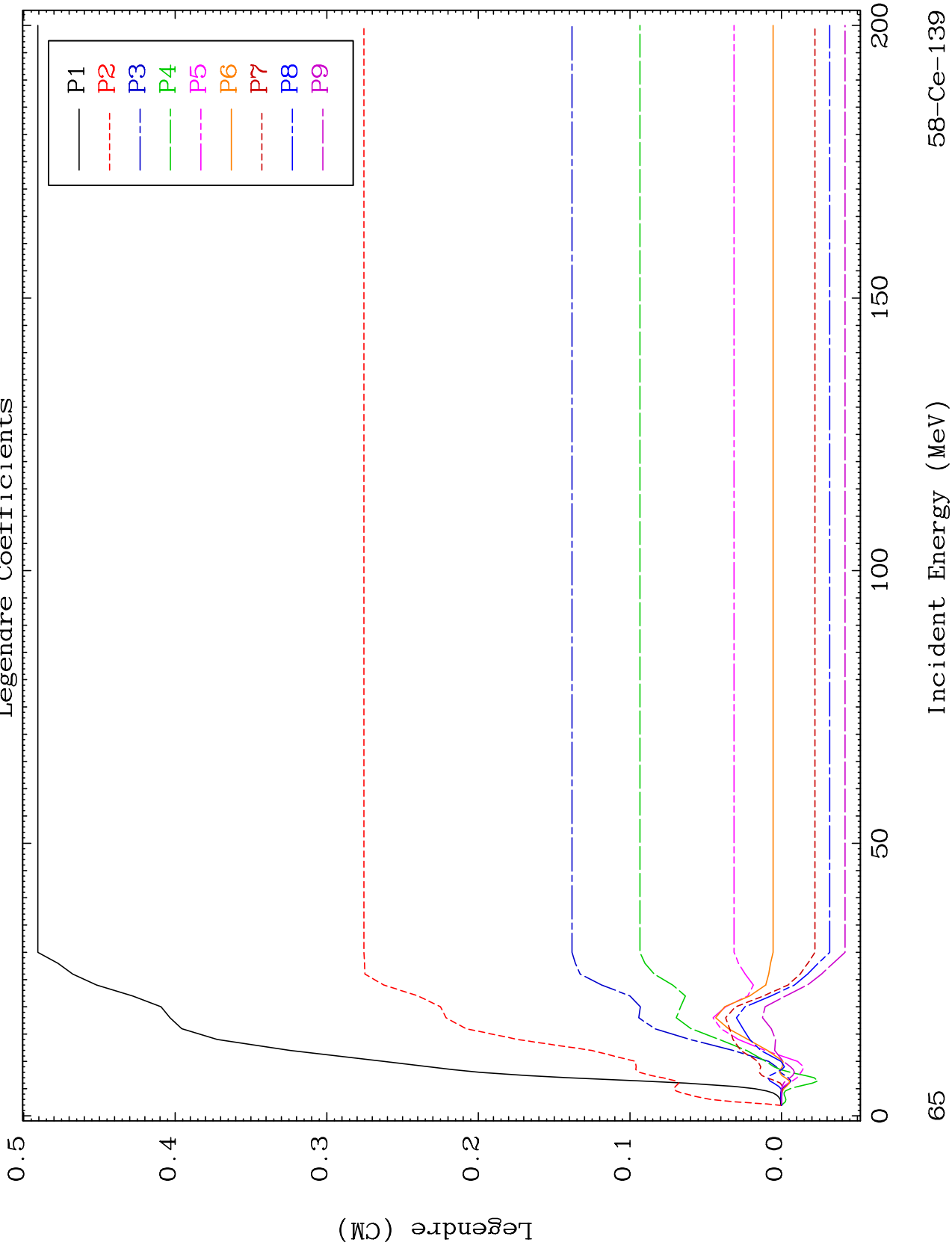




MAT 5834

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

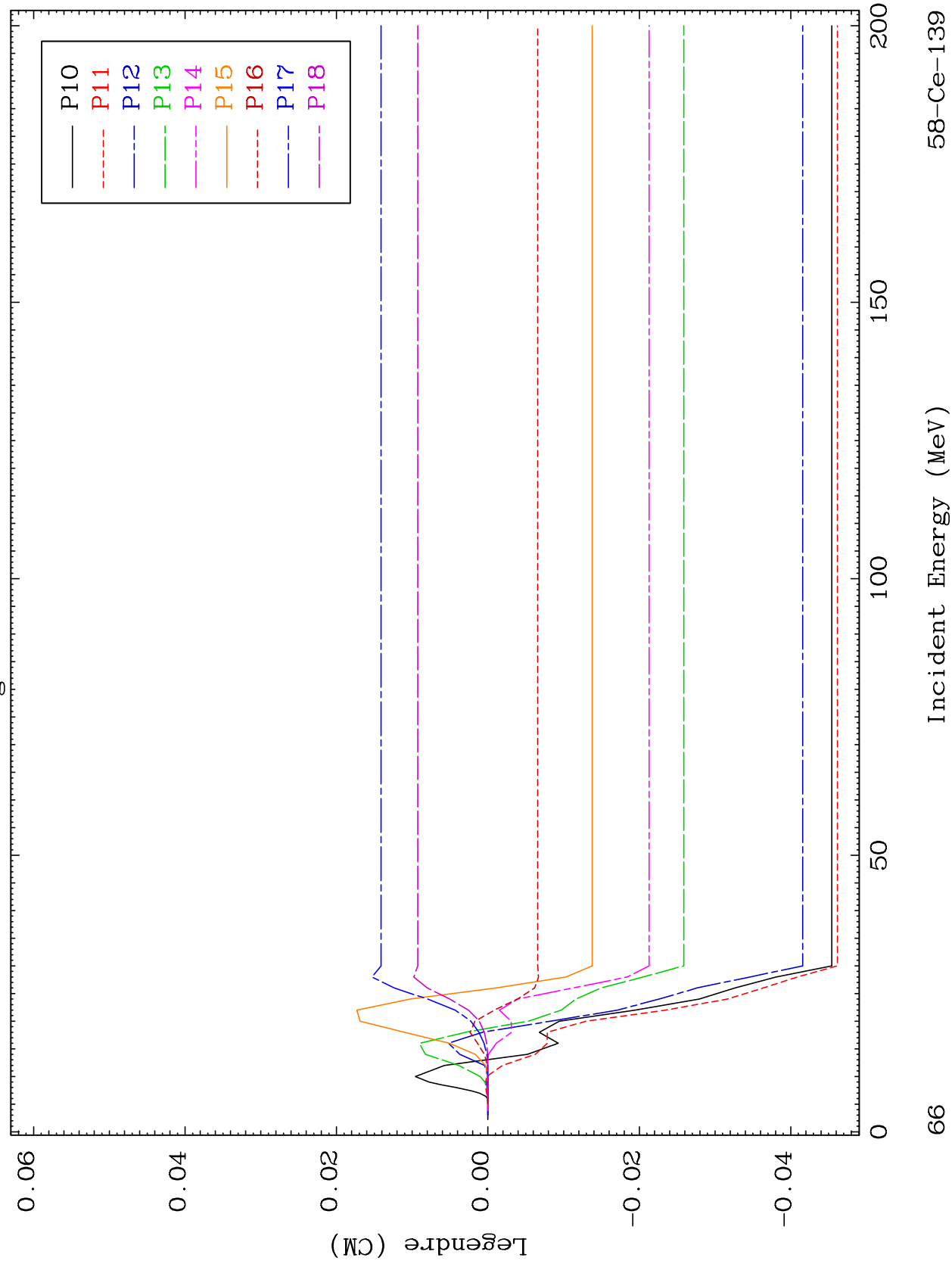
58-Ce-139

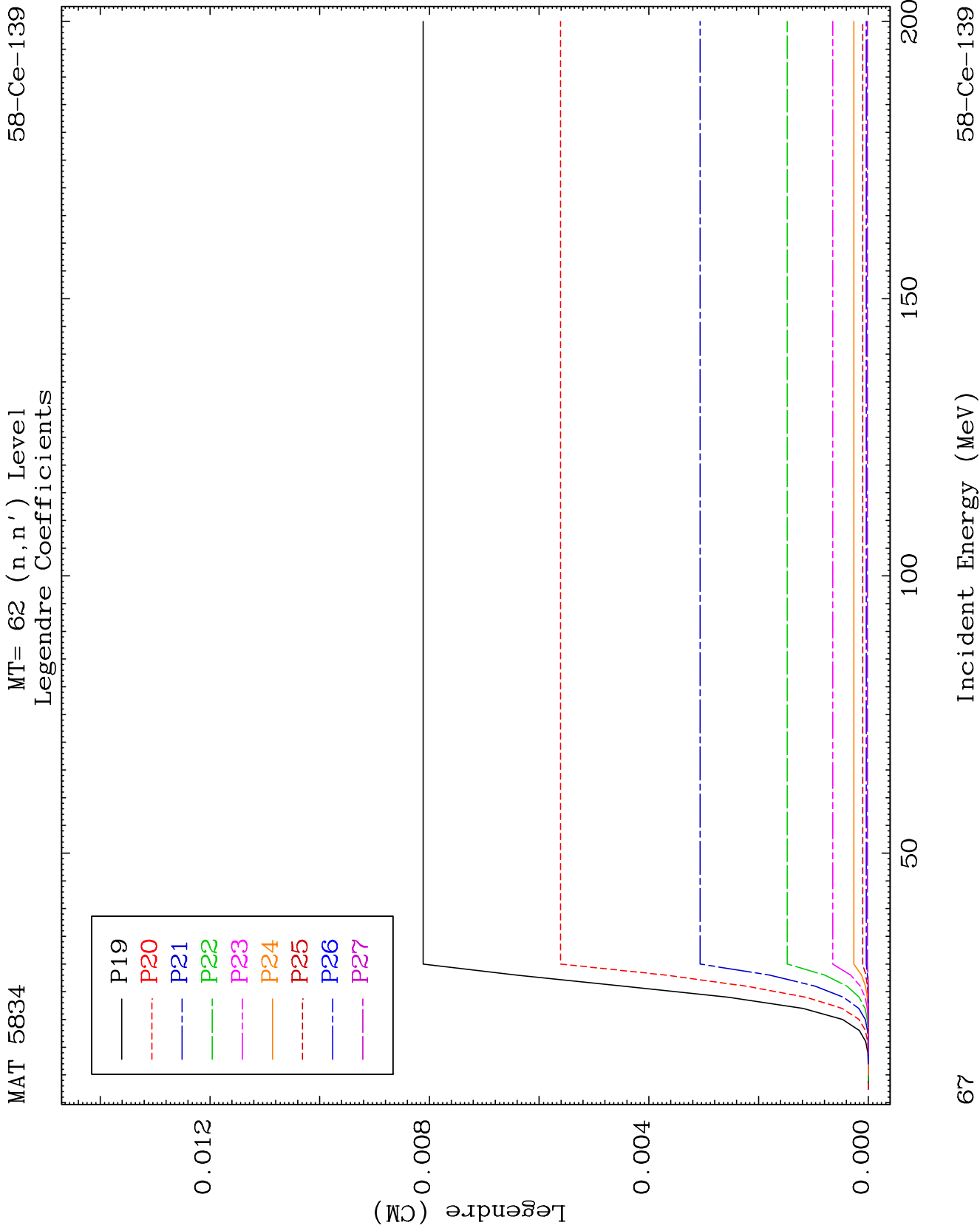


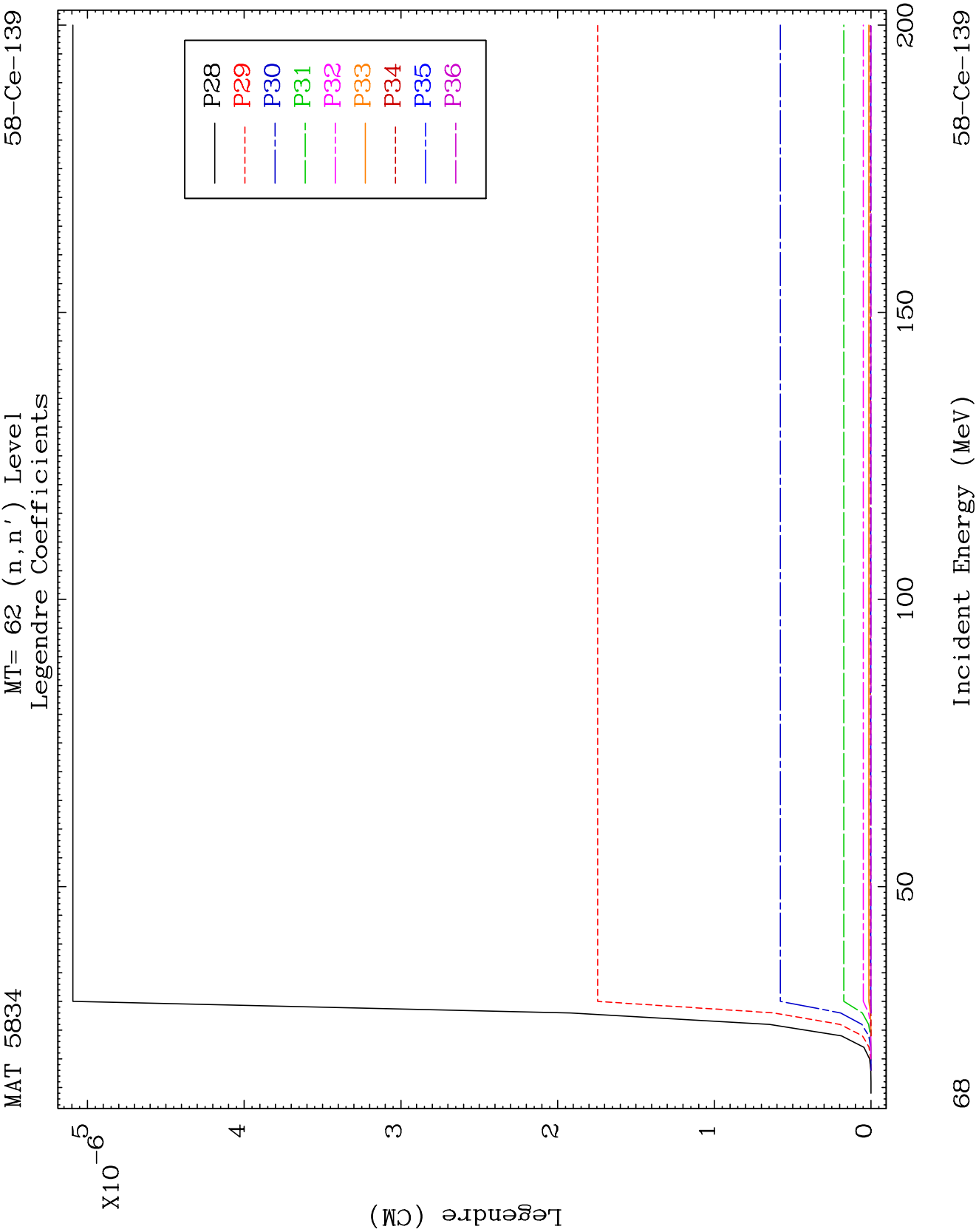
MAT 5834

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

58-Ce-139



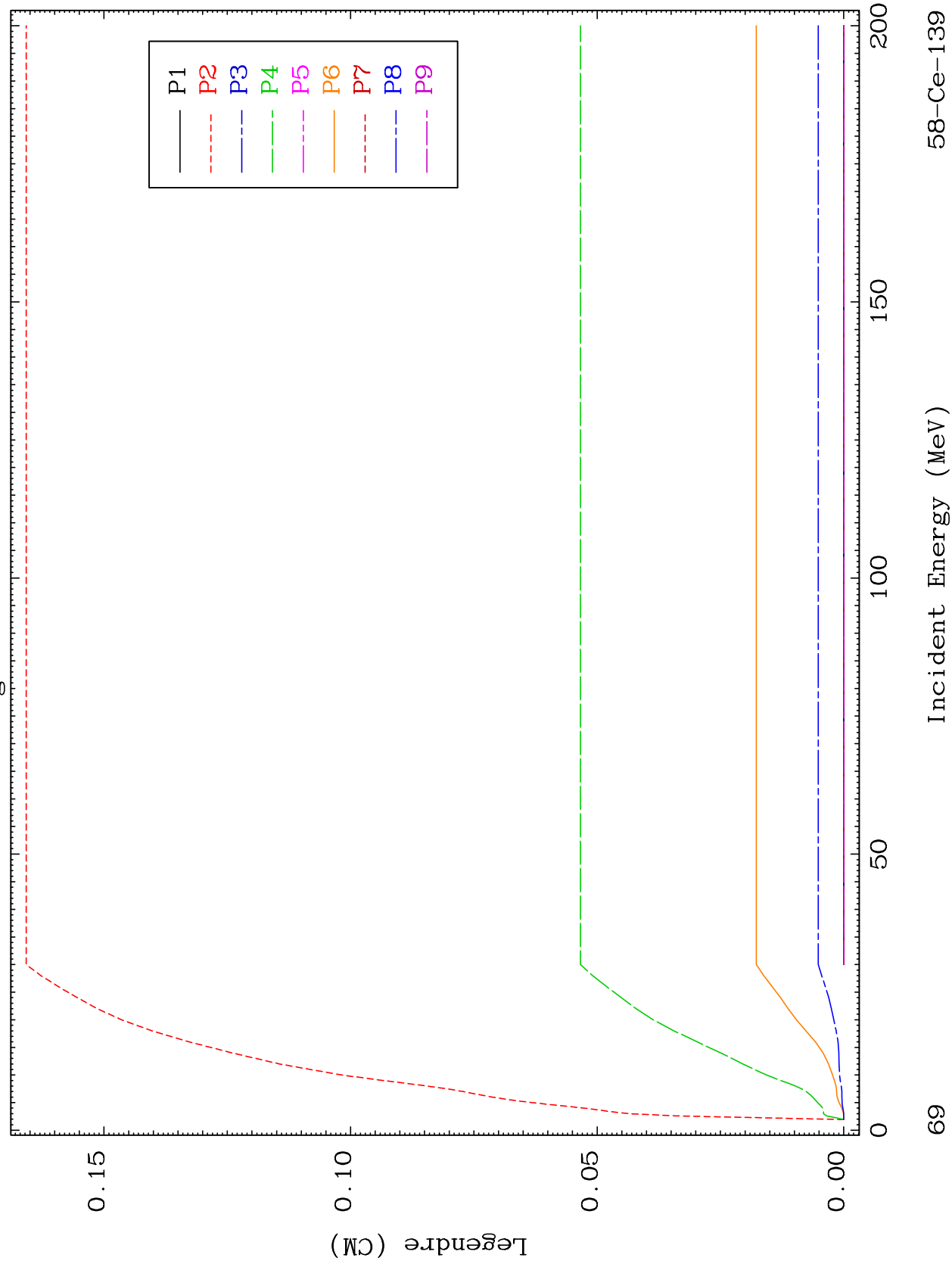


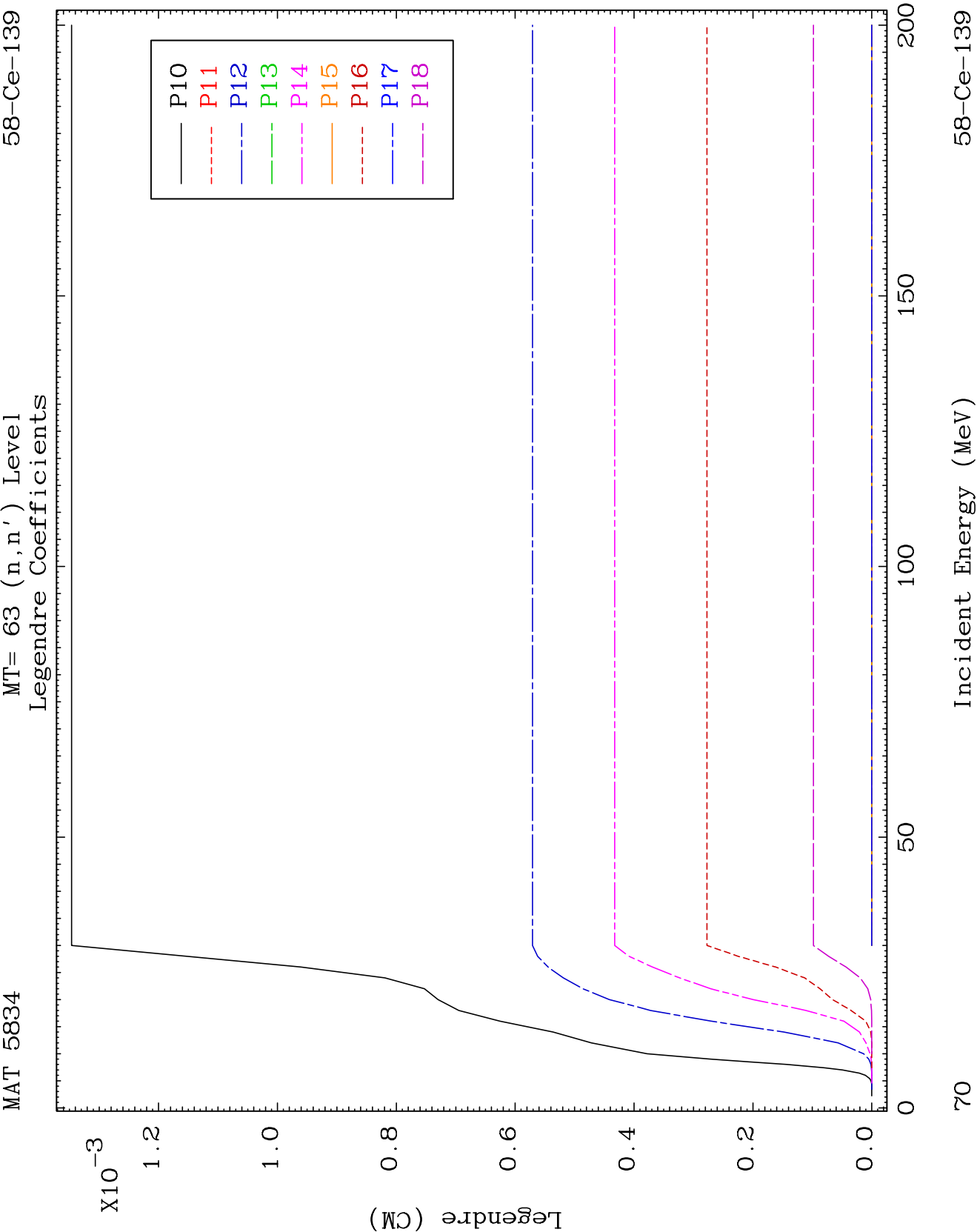


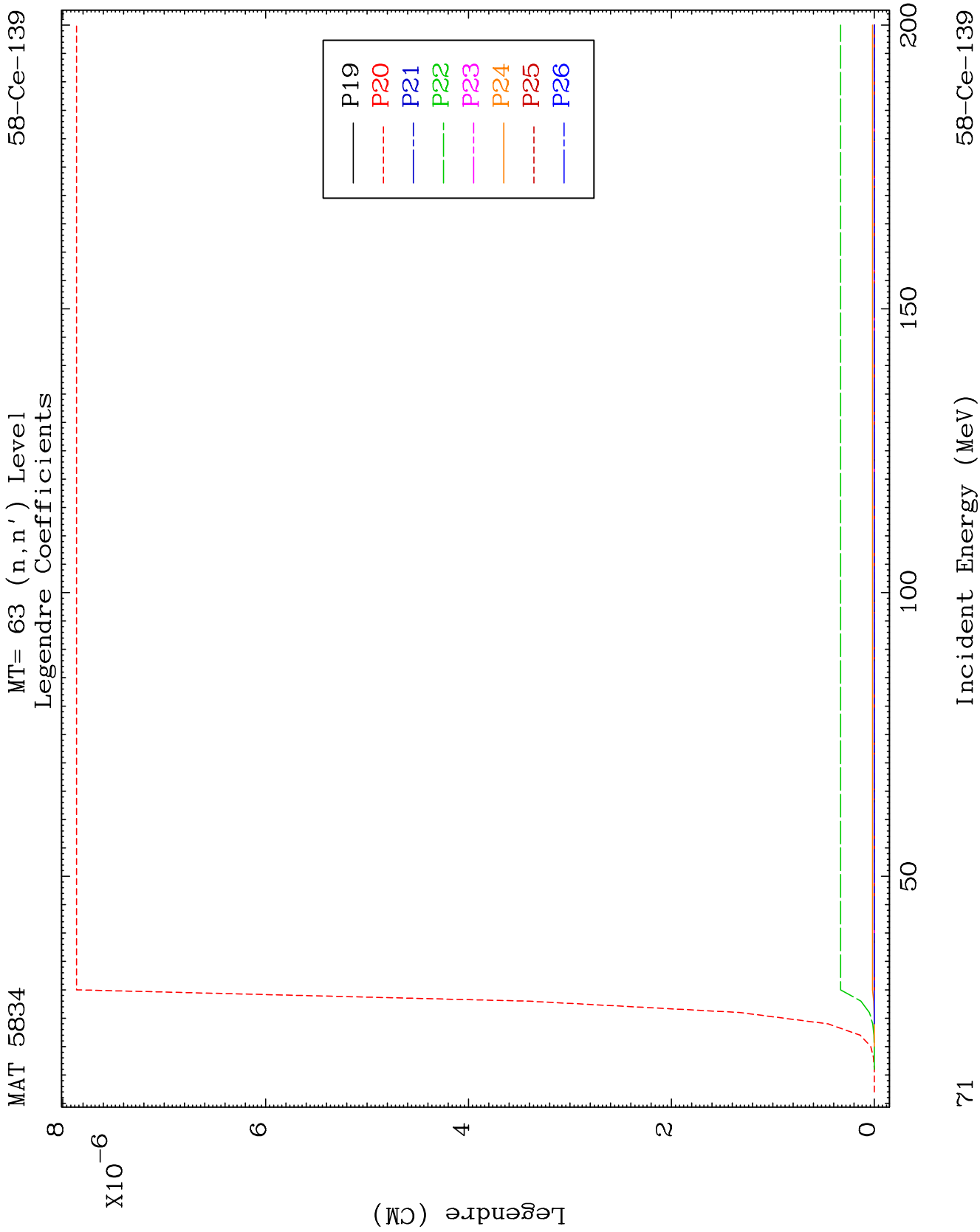
MAT 5834

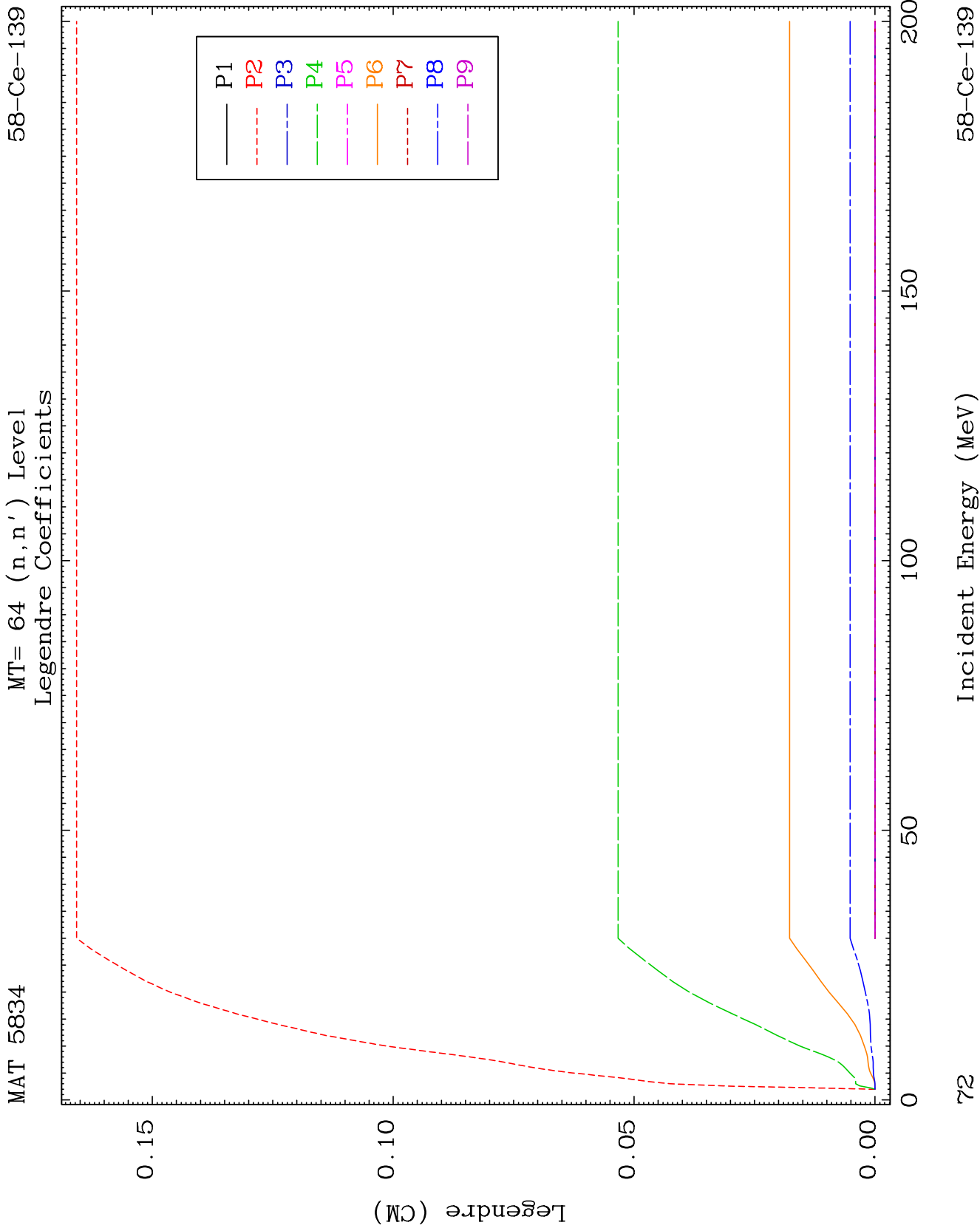
MT= 63 (n, n') Level
Legendre Coefficients

58-Ce-139





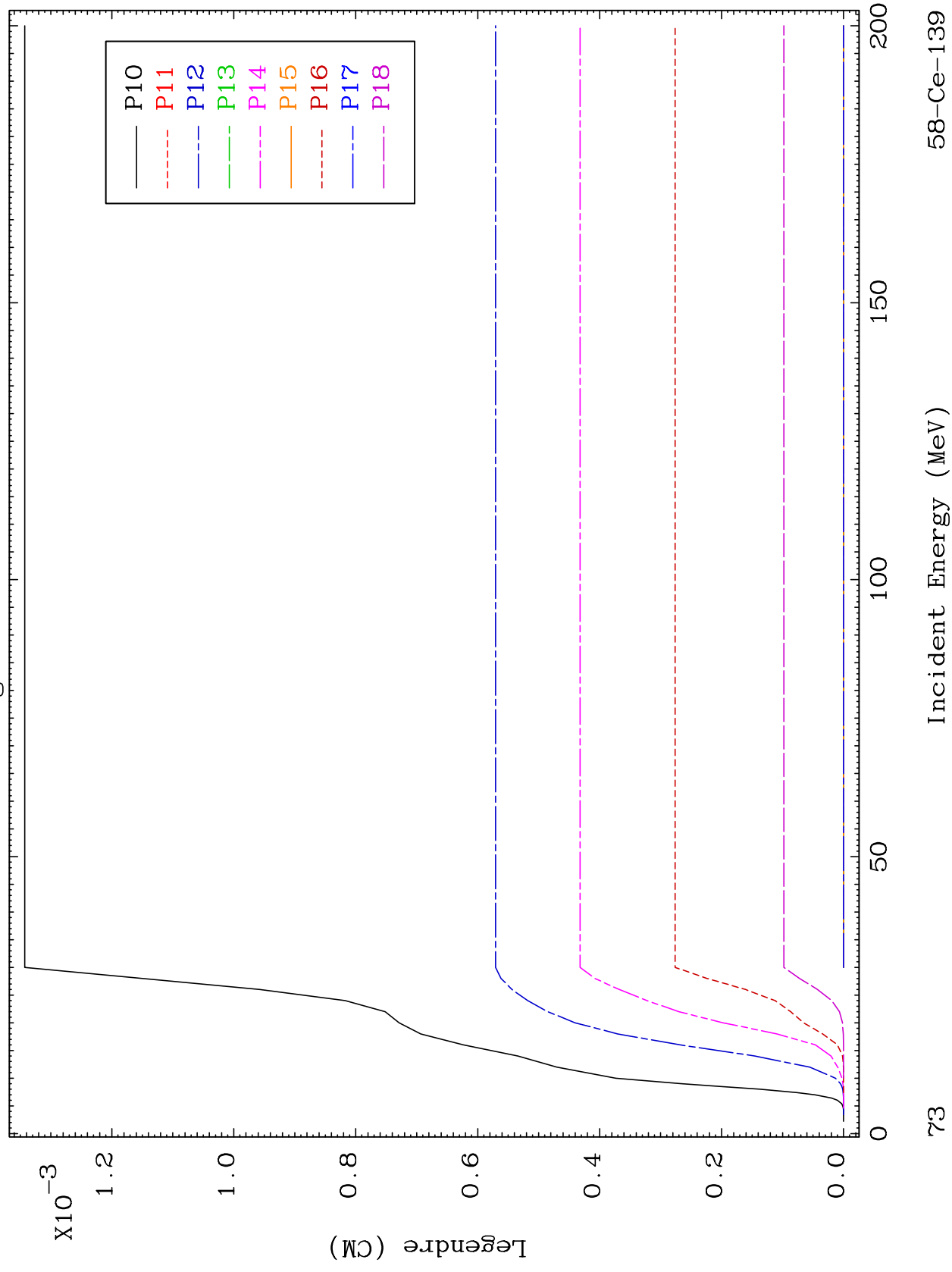


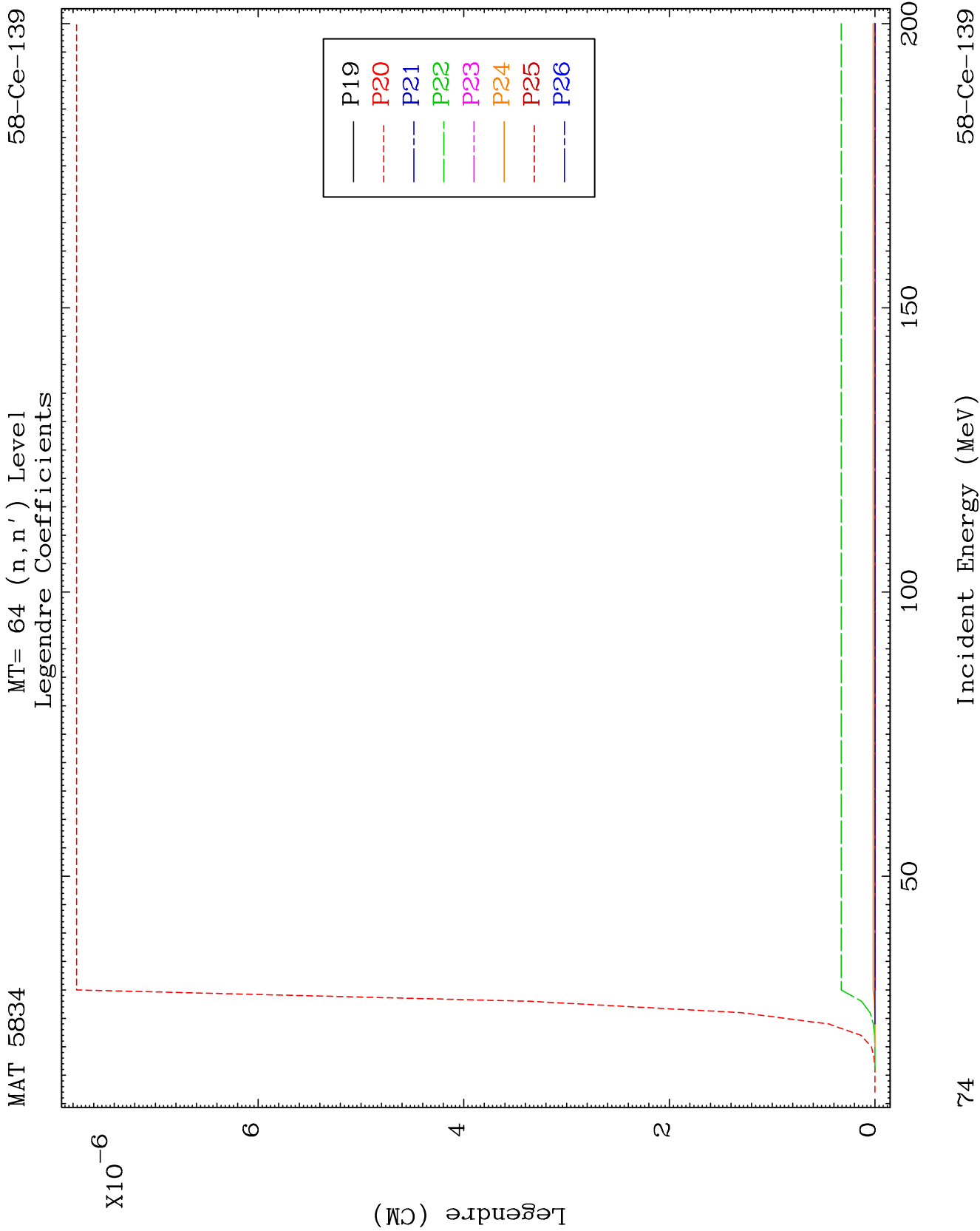


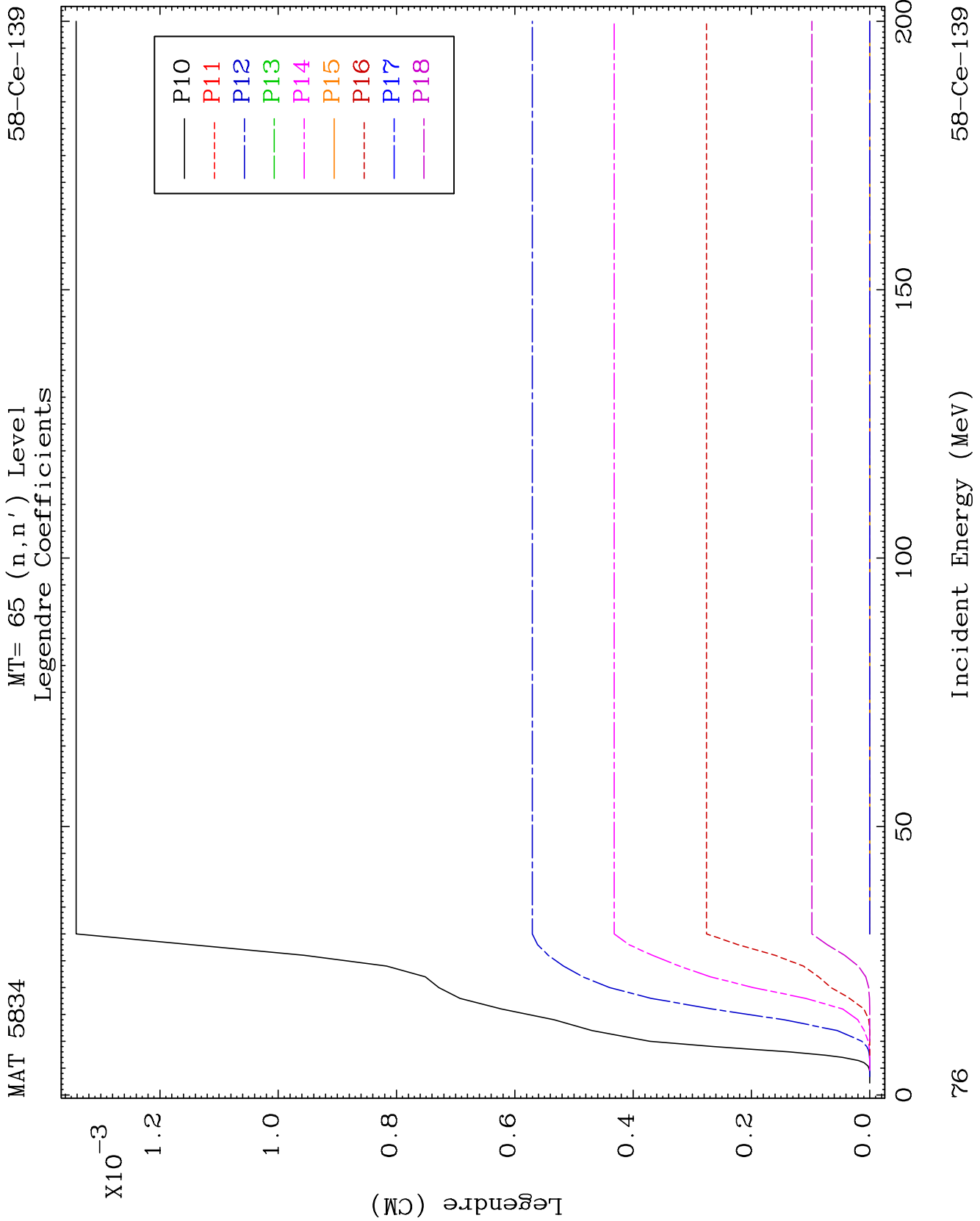
MAT 5834

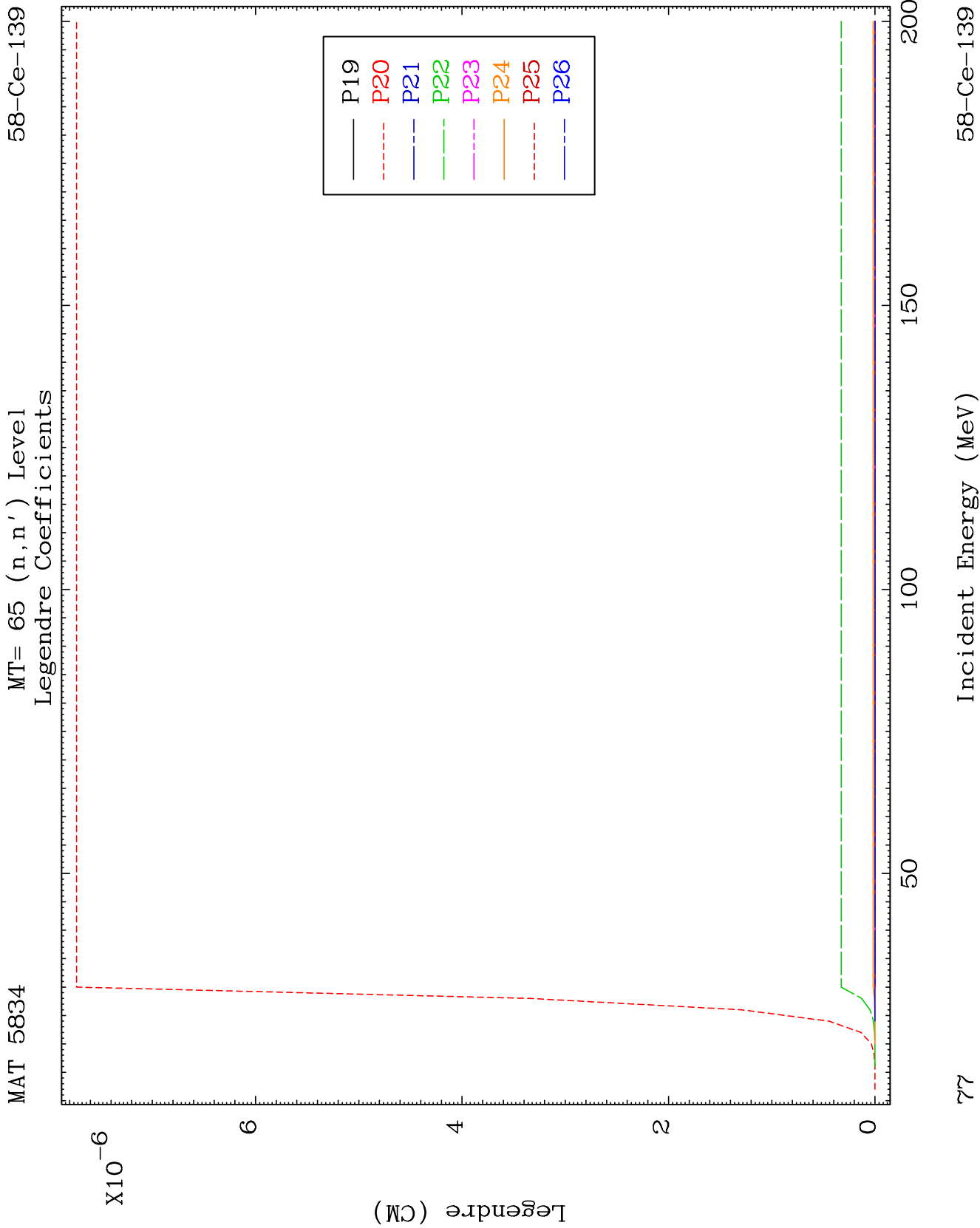
MT= 64 (n, n') Level
Legendre Coefficients

58-Ce-139





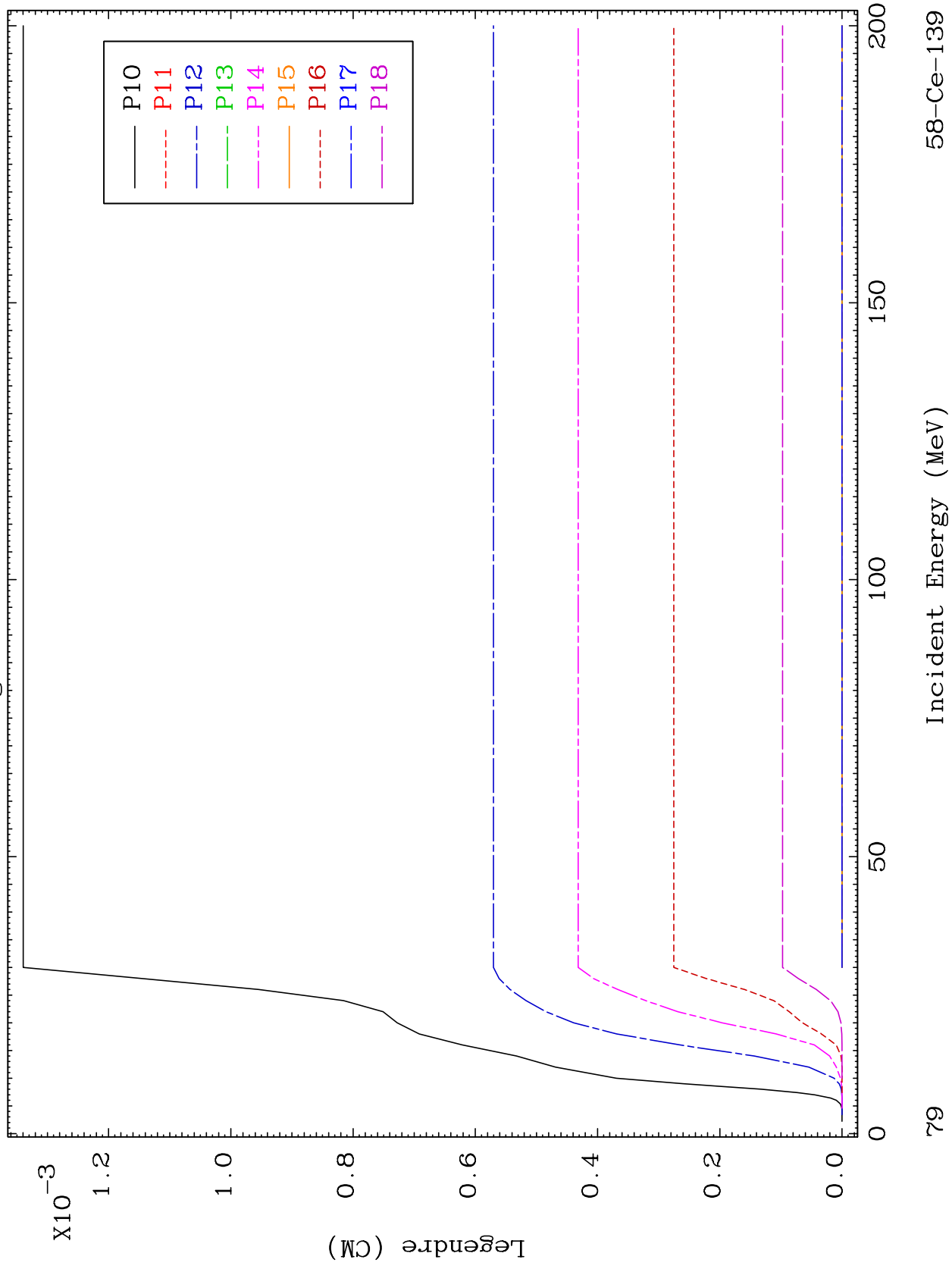




MAT 5834

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

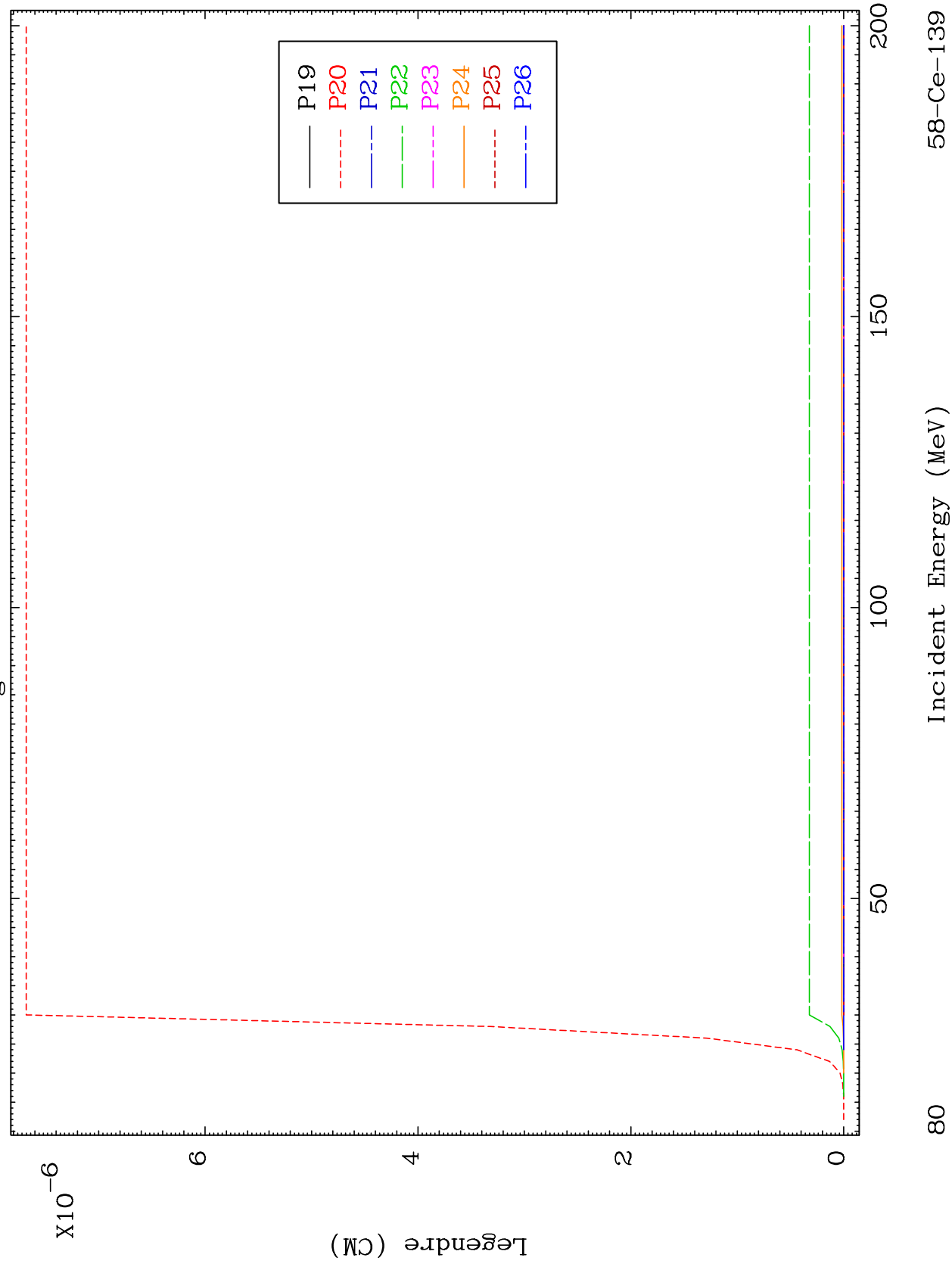
58-Ce-139

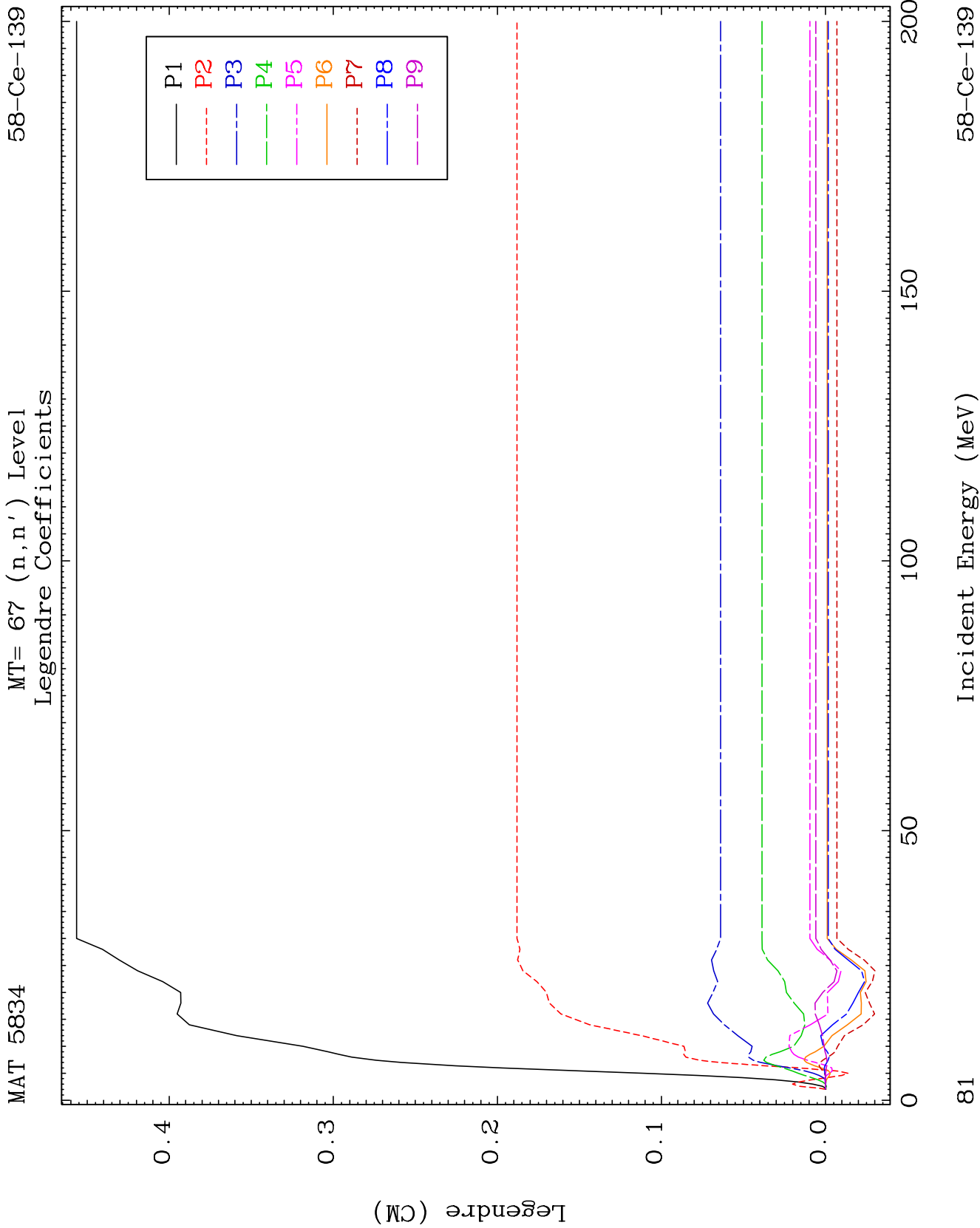


MAT 5834

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

58-Ce-139

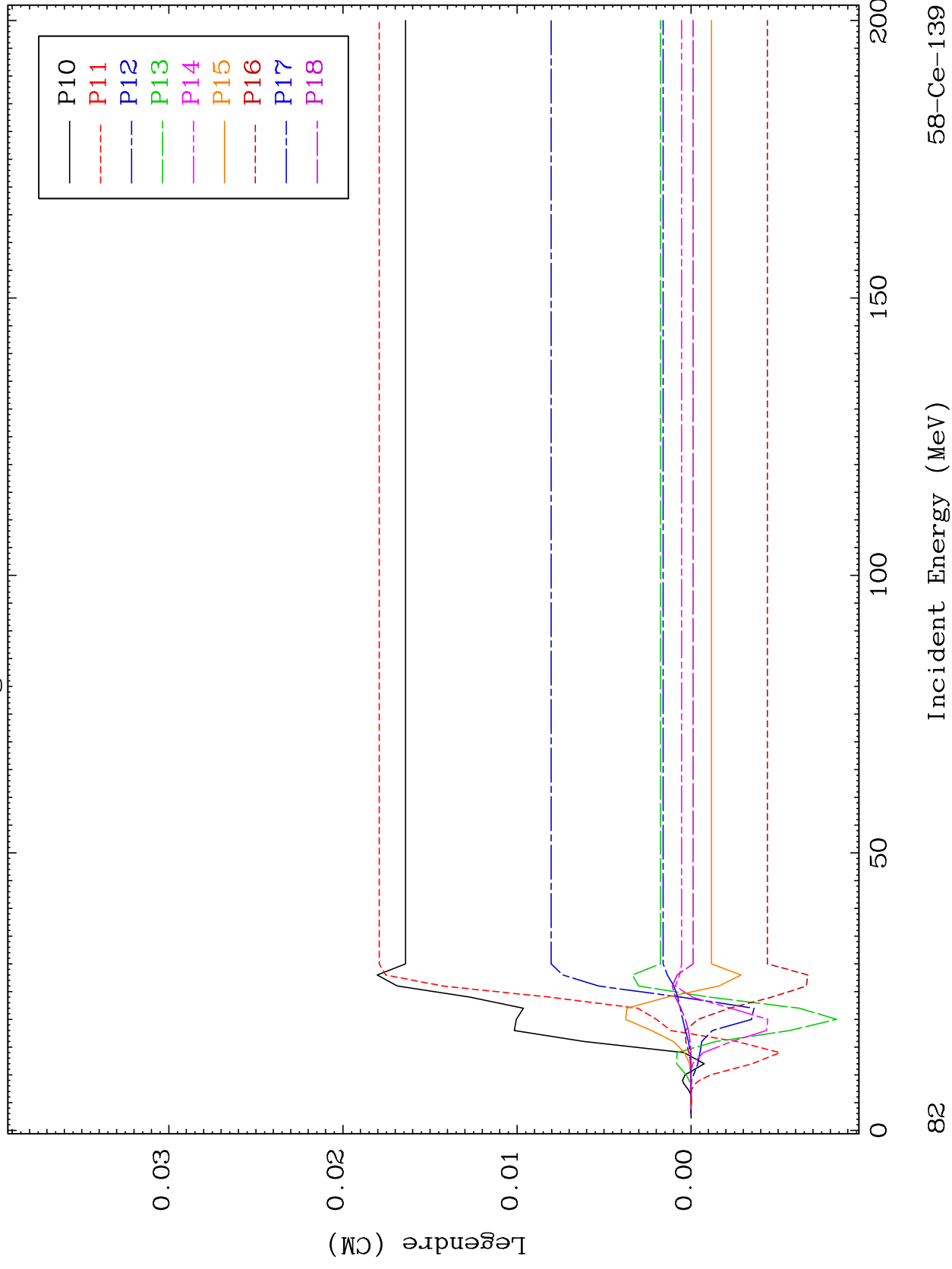


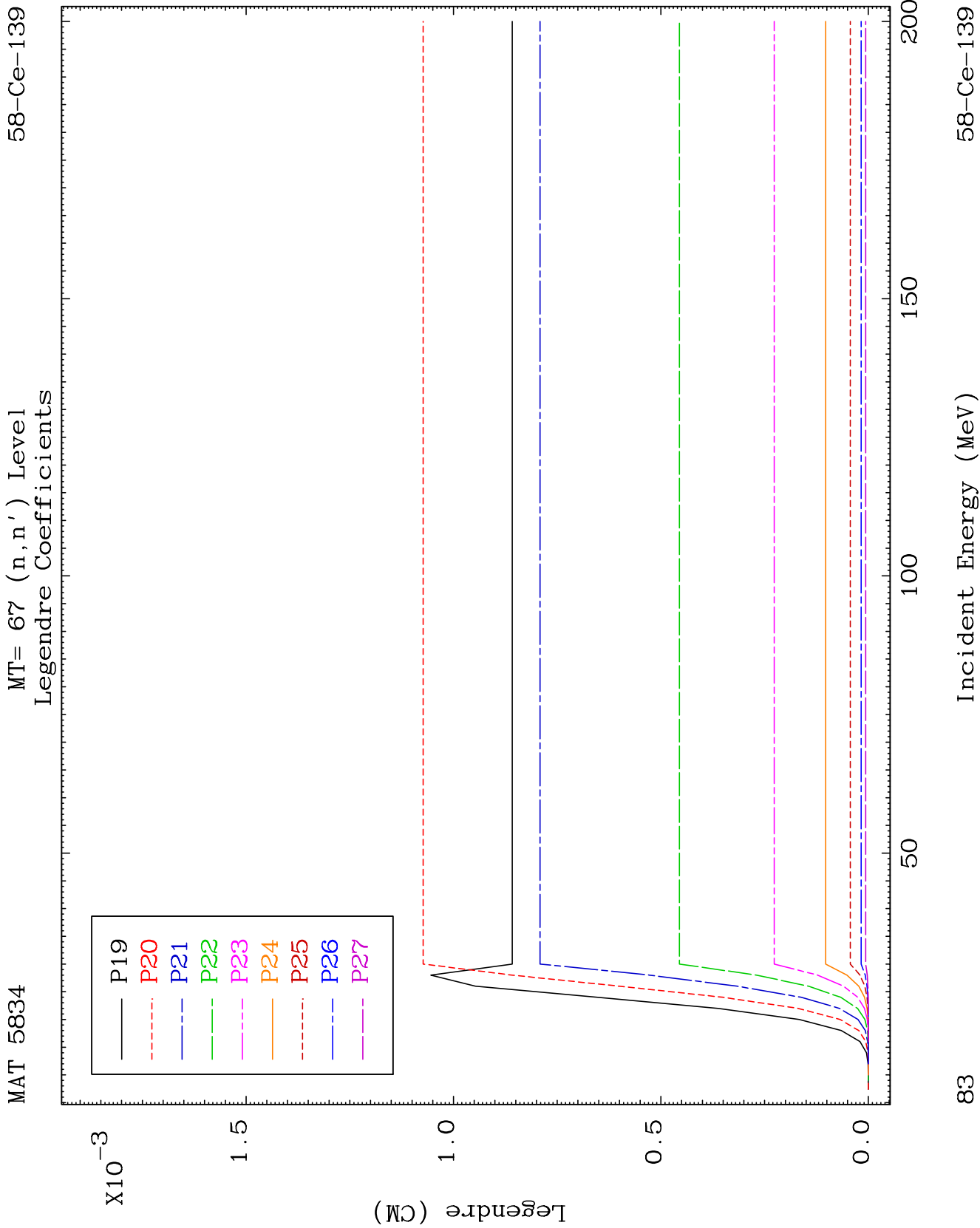


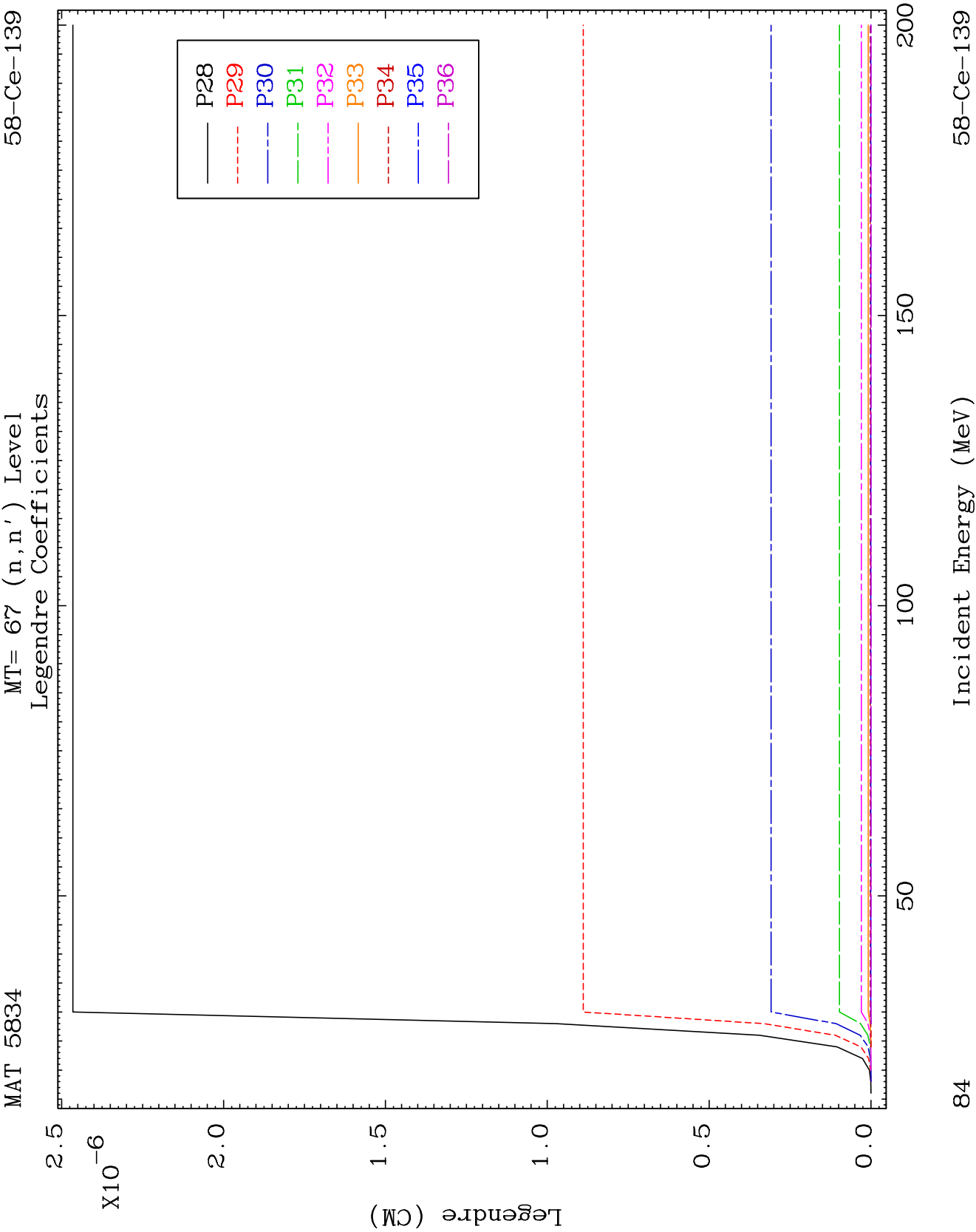
MAT 5834

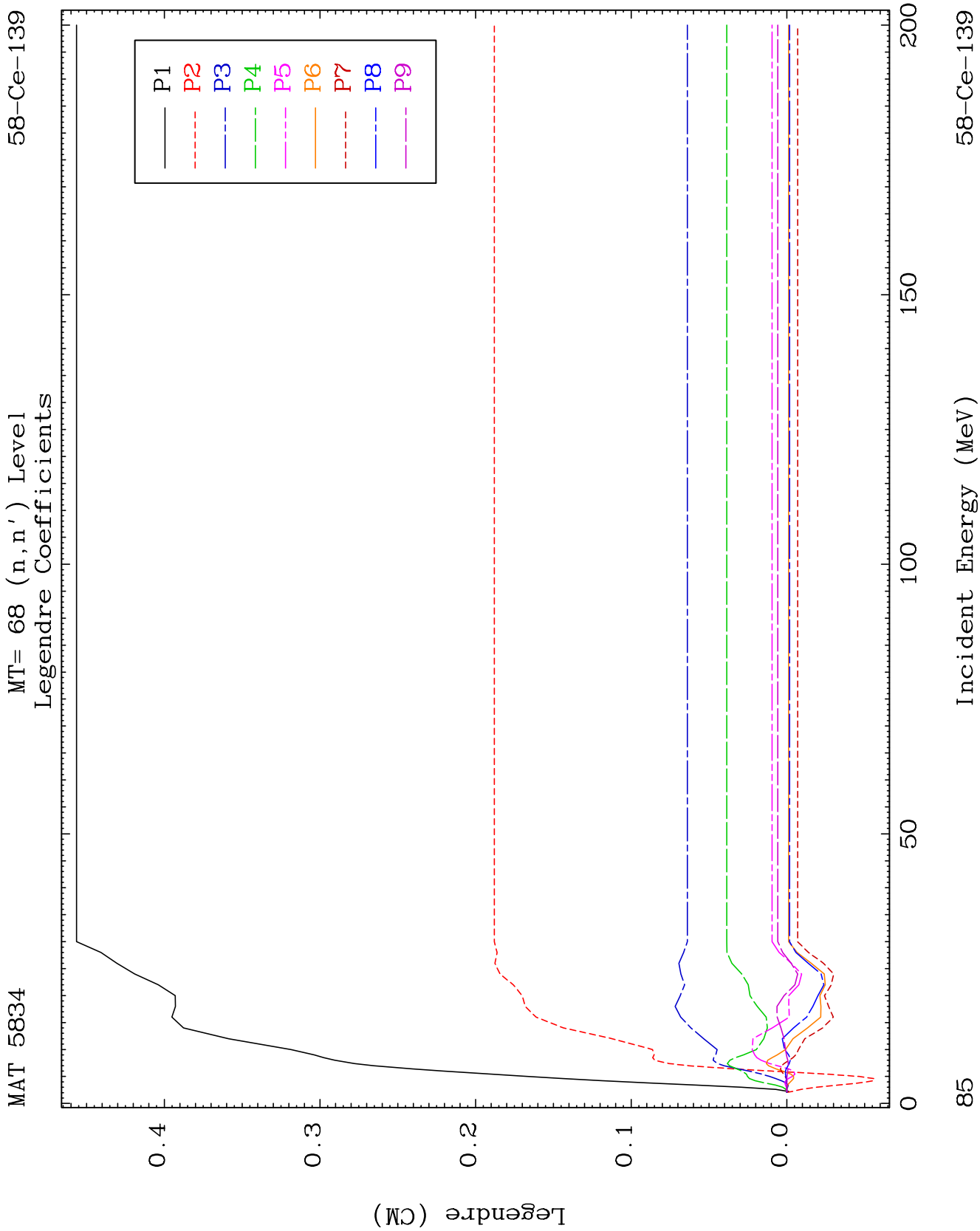
MT= 67 (n, n') Level
Legendre Coefficients

58-Ce-139





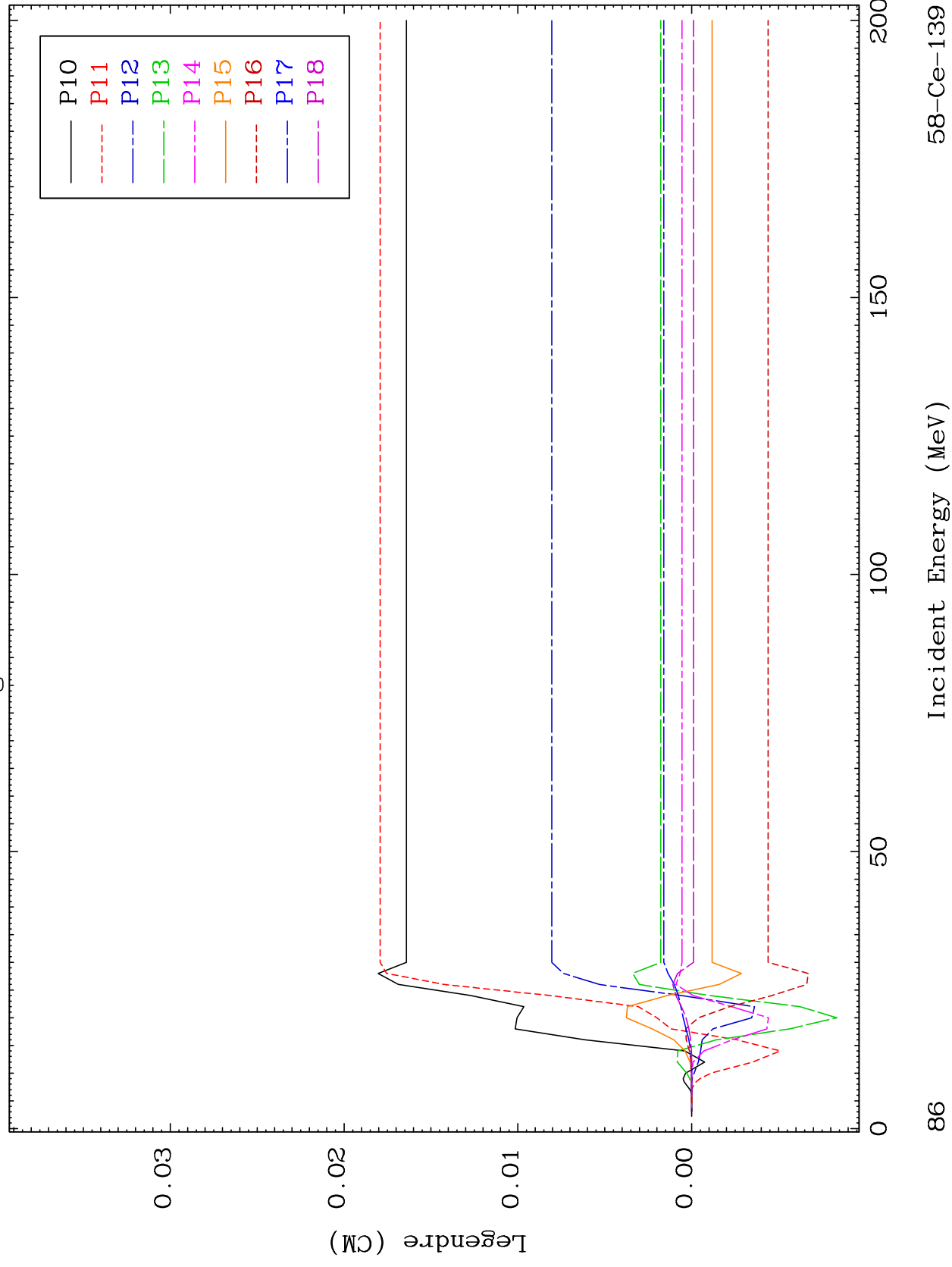




MAT 5834

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

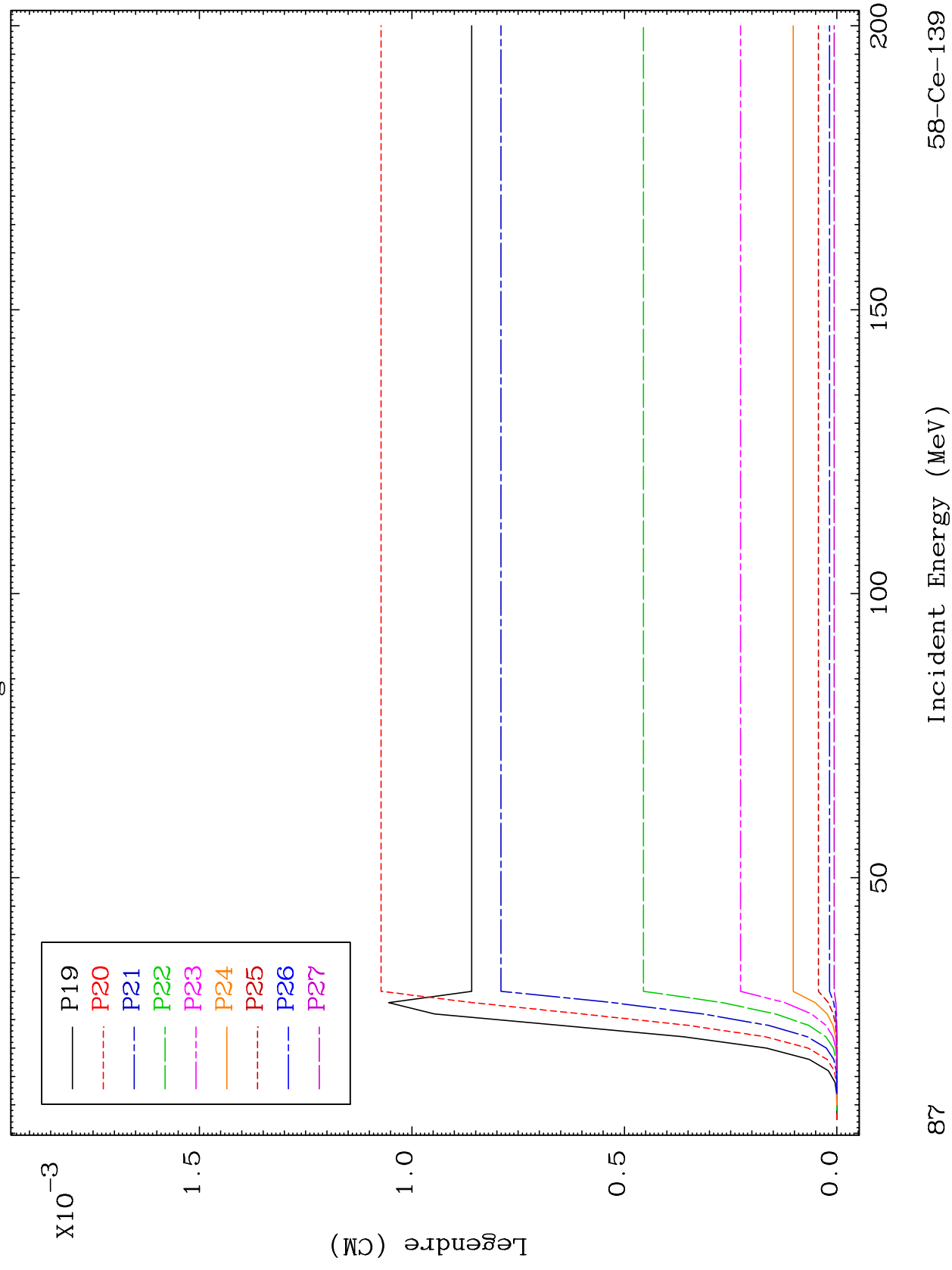
58-Ce-139



MAT 5834

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

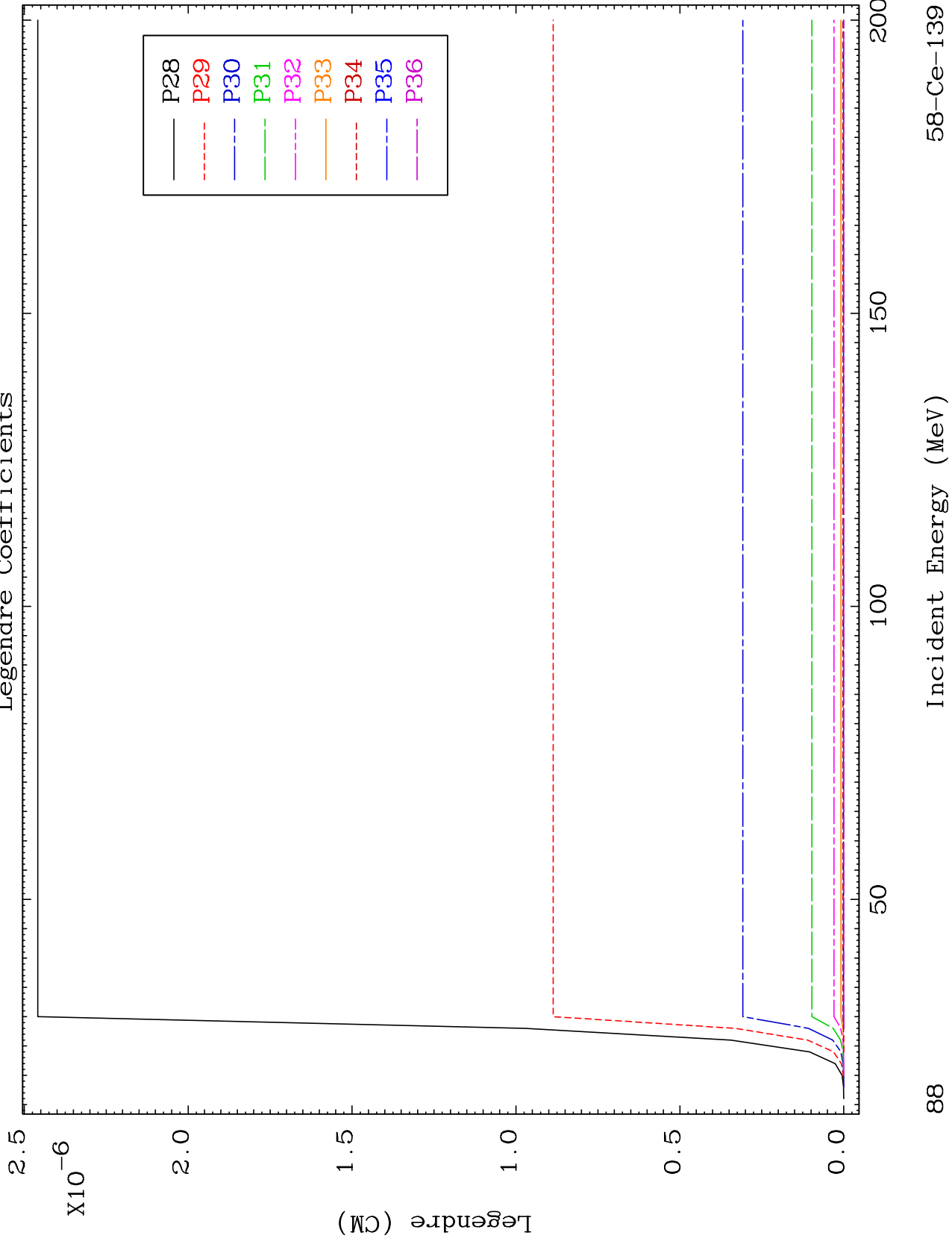
58-Ce-139



MAT 5834

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

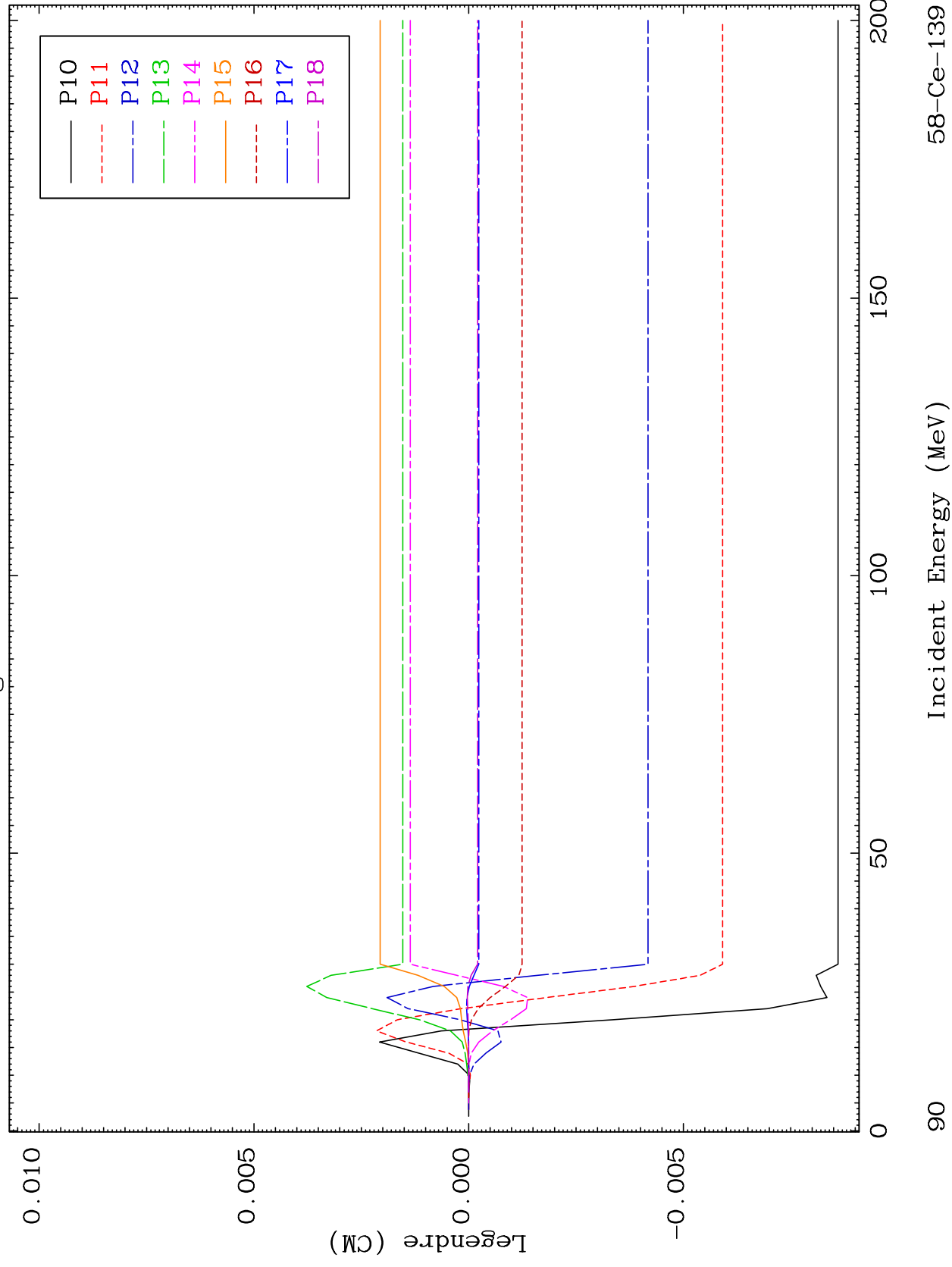
58-Ce-139

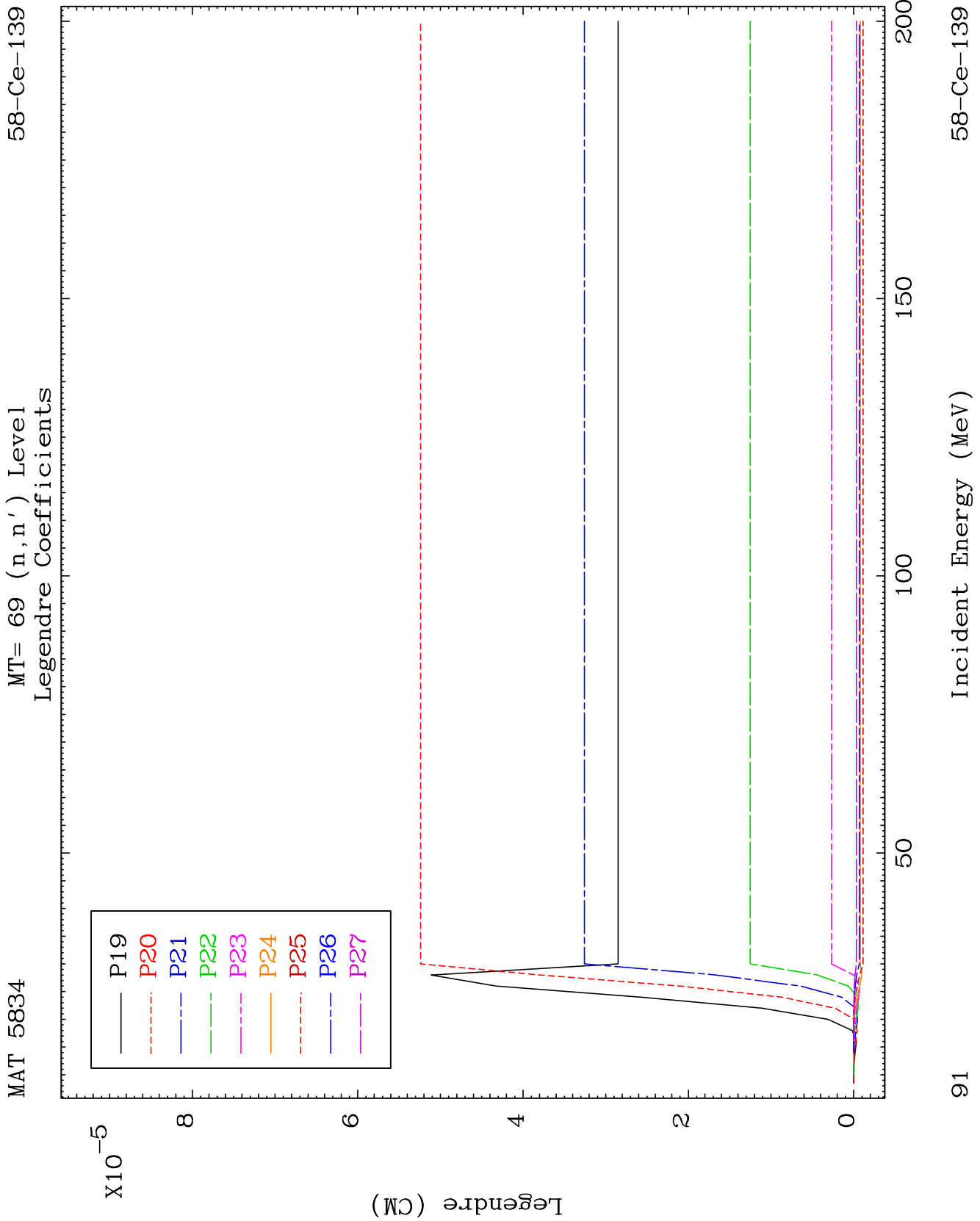


MAT 5834

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

58-Ce-139



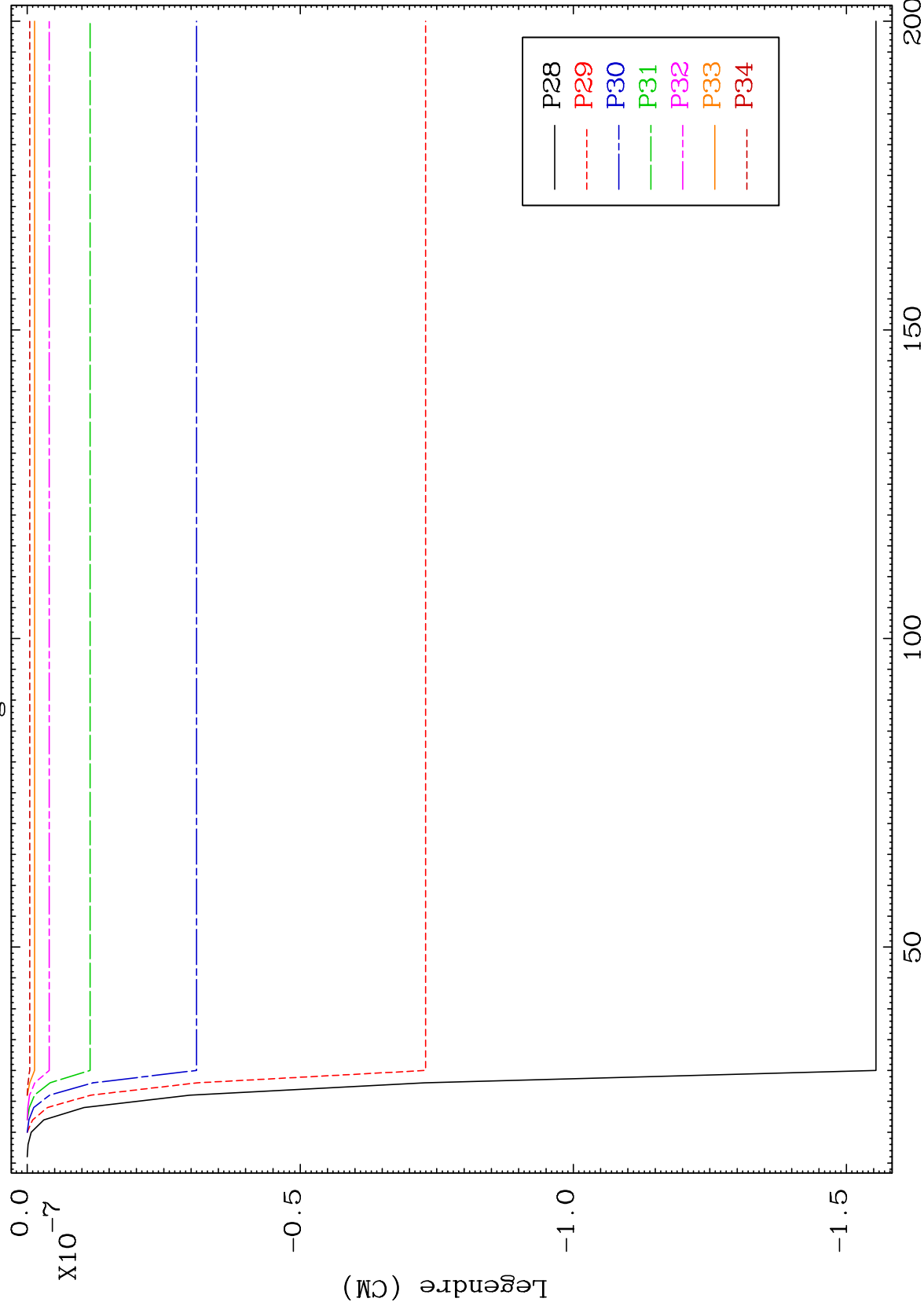


MAT 5834

MT= 69 (n, n') Level

58-Ce-139

Legendre Coefficients



29

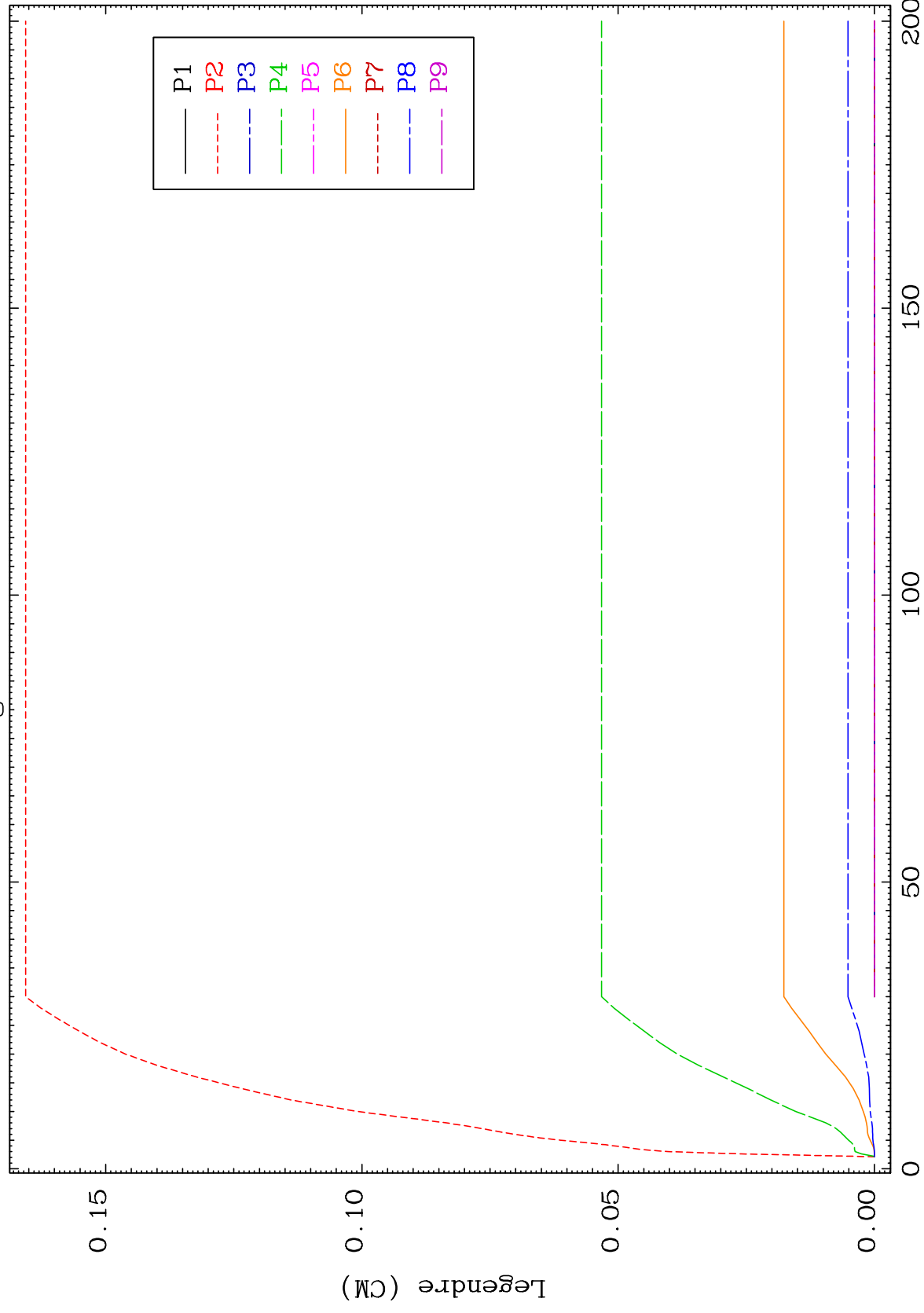
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

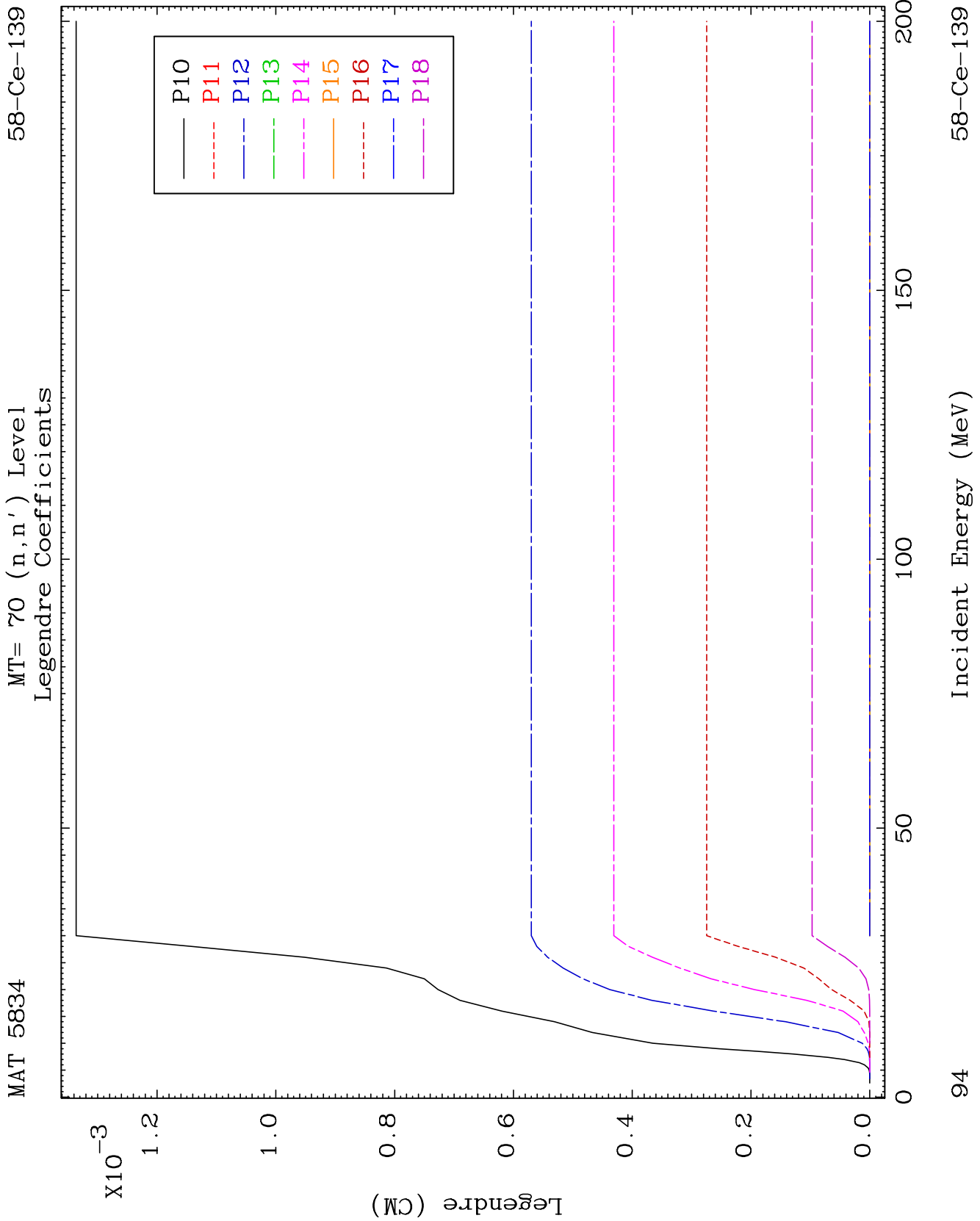
58-Ce-139



39

Incident Energy (MeV)

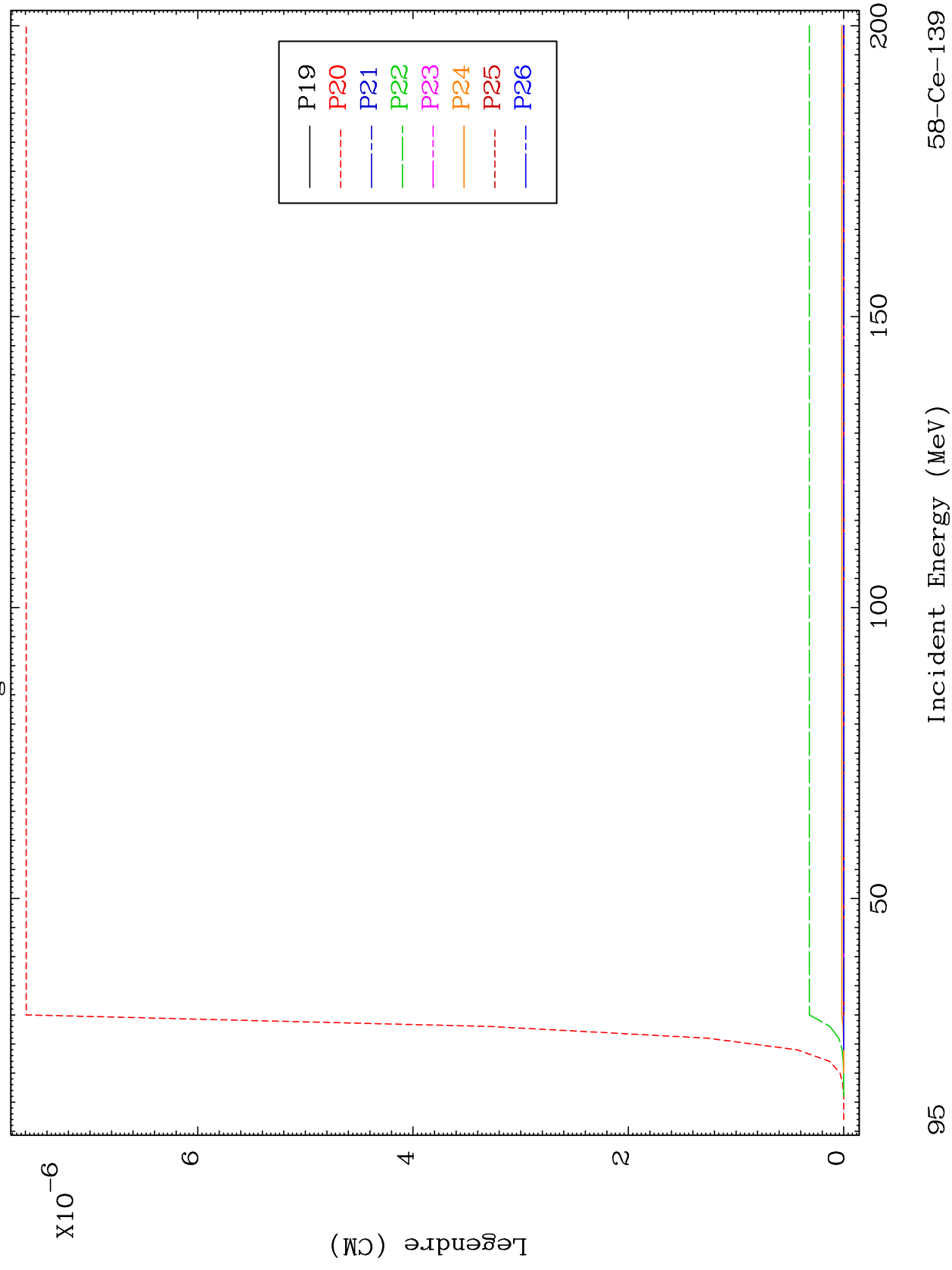
58-Ce-139



MAT 5834

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

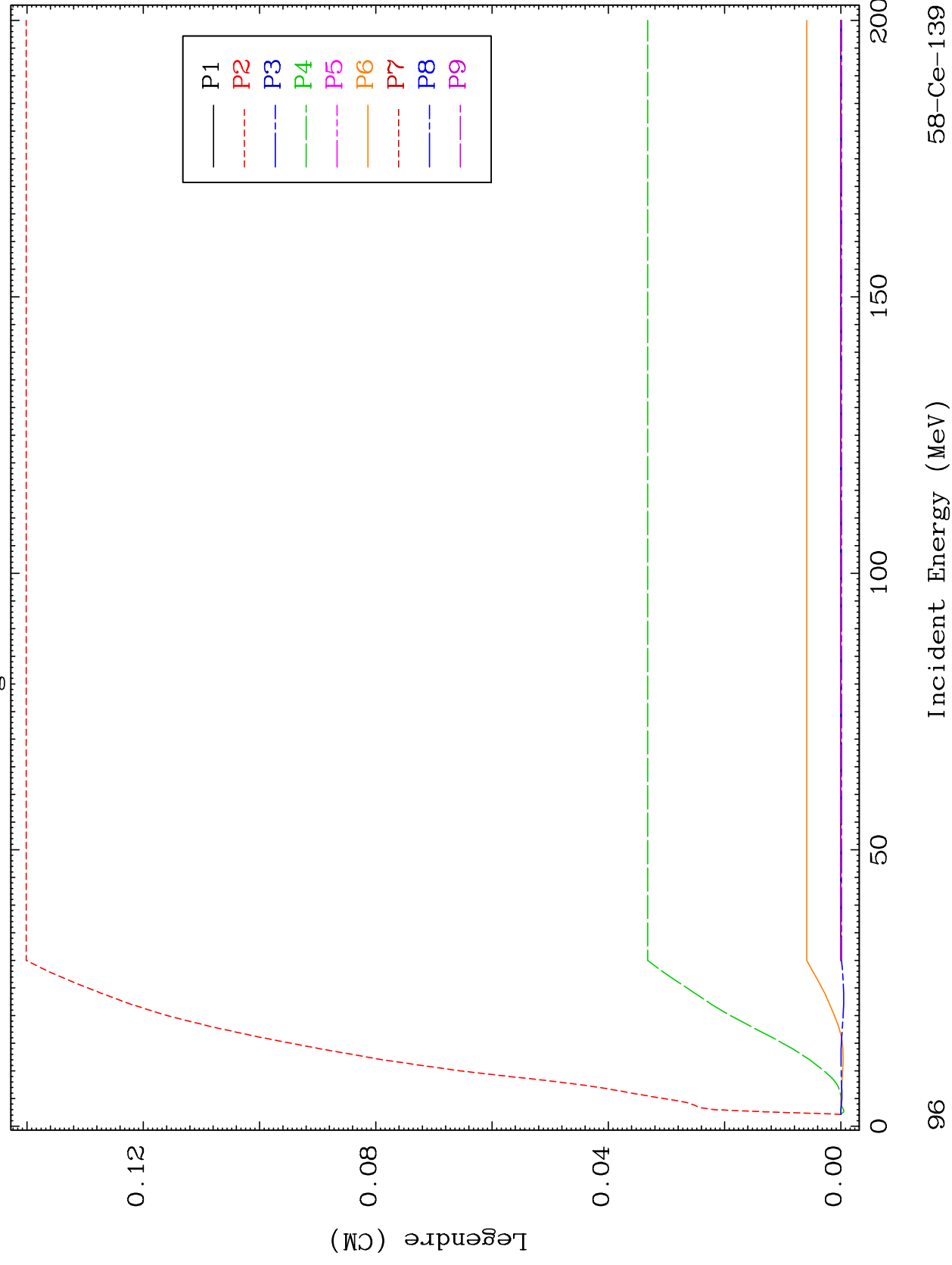
58-Ce-139

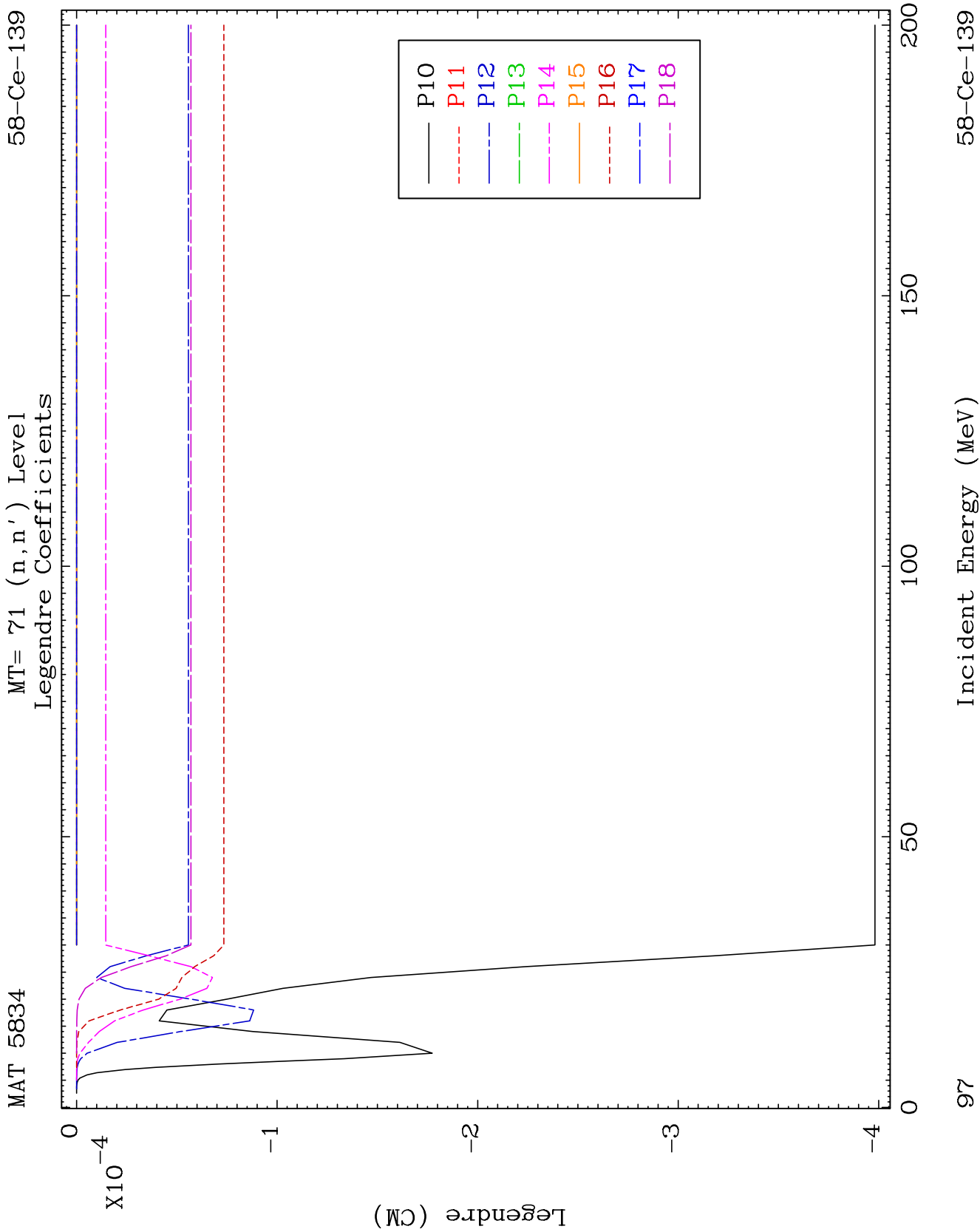


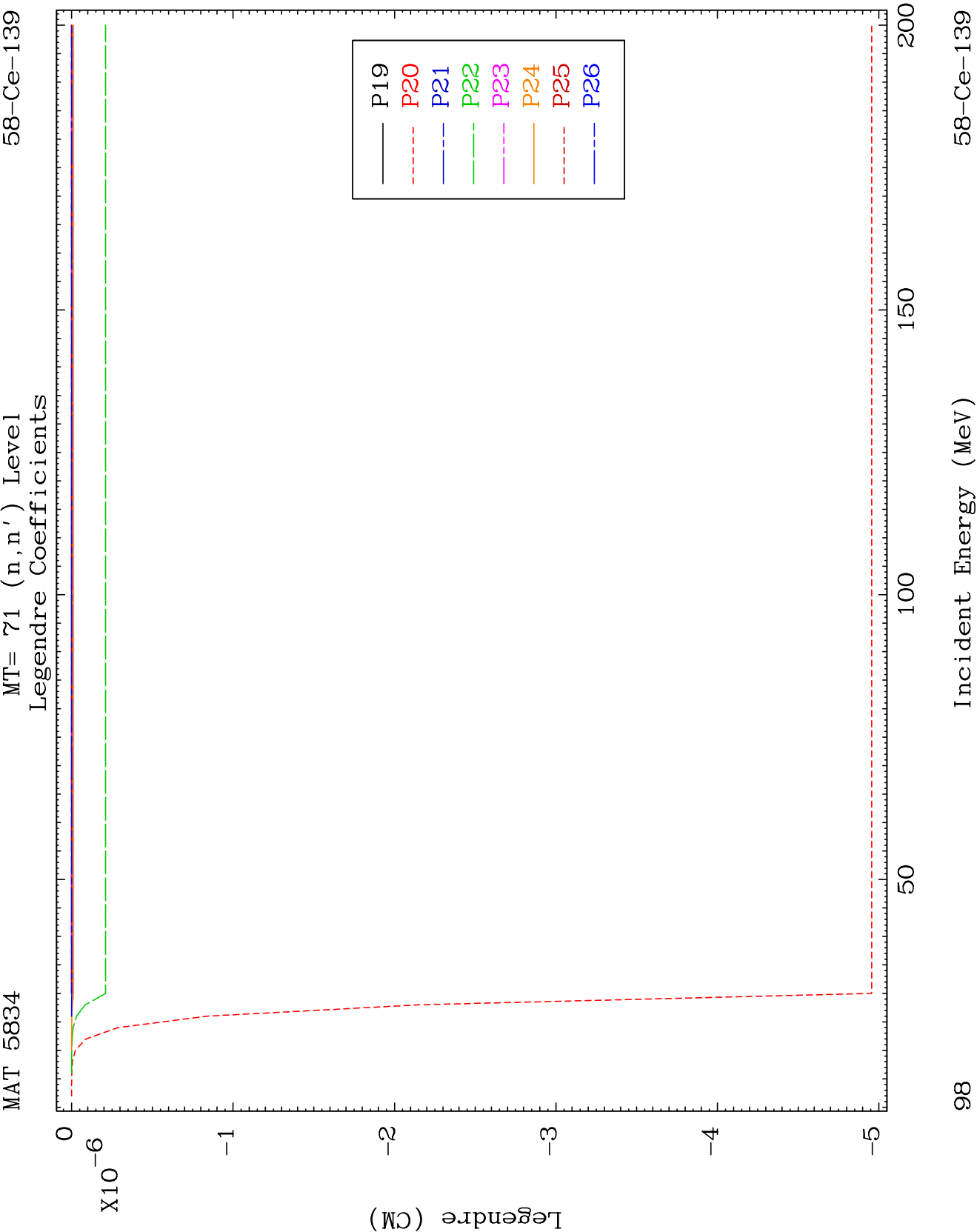
MAT 5834

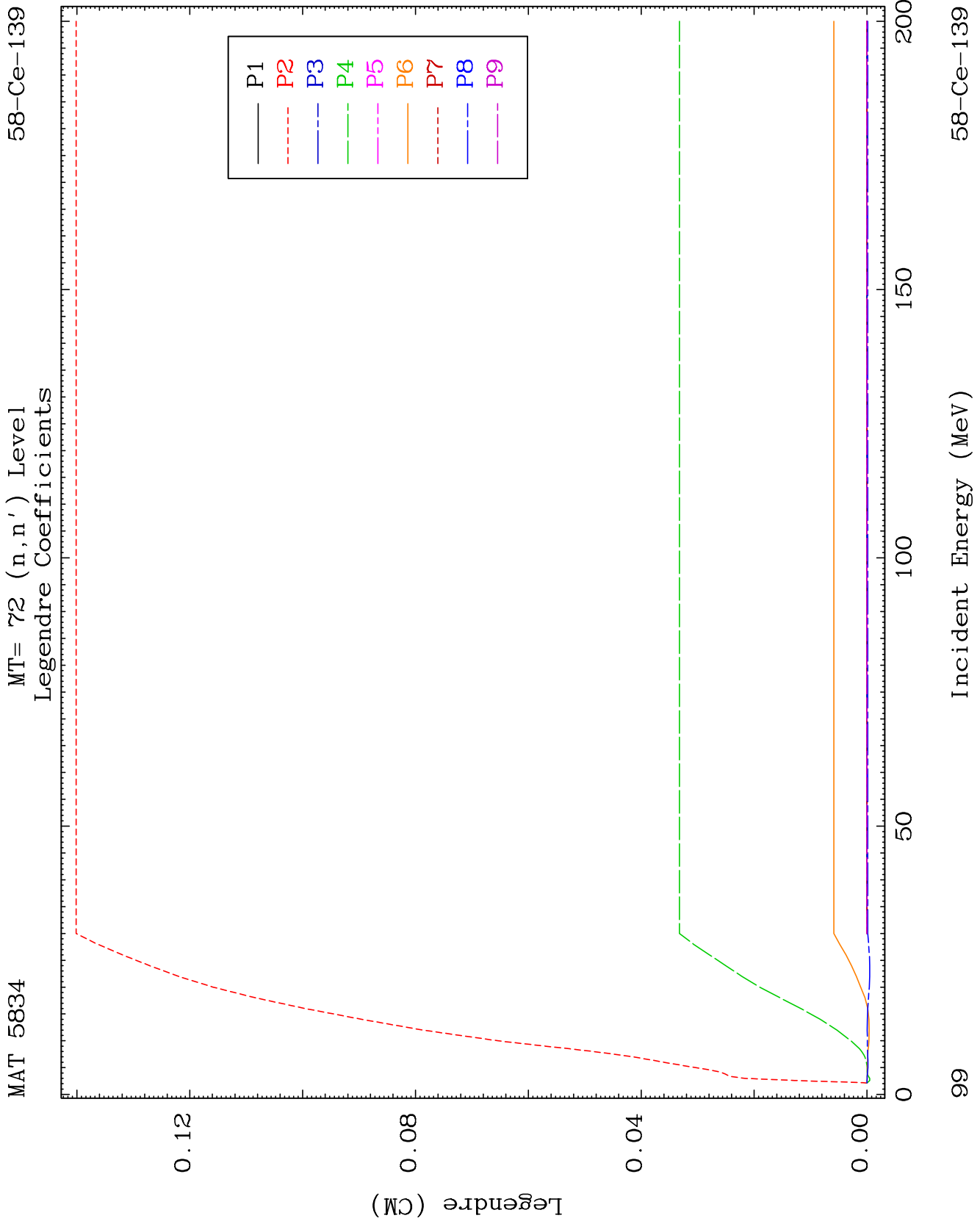
MT= 71 (n, n') Level
Legendre Coefficients

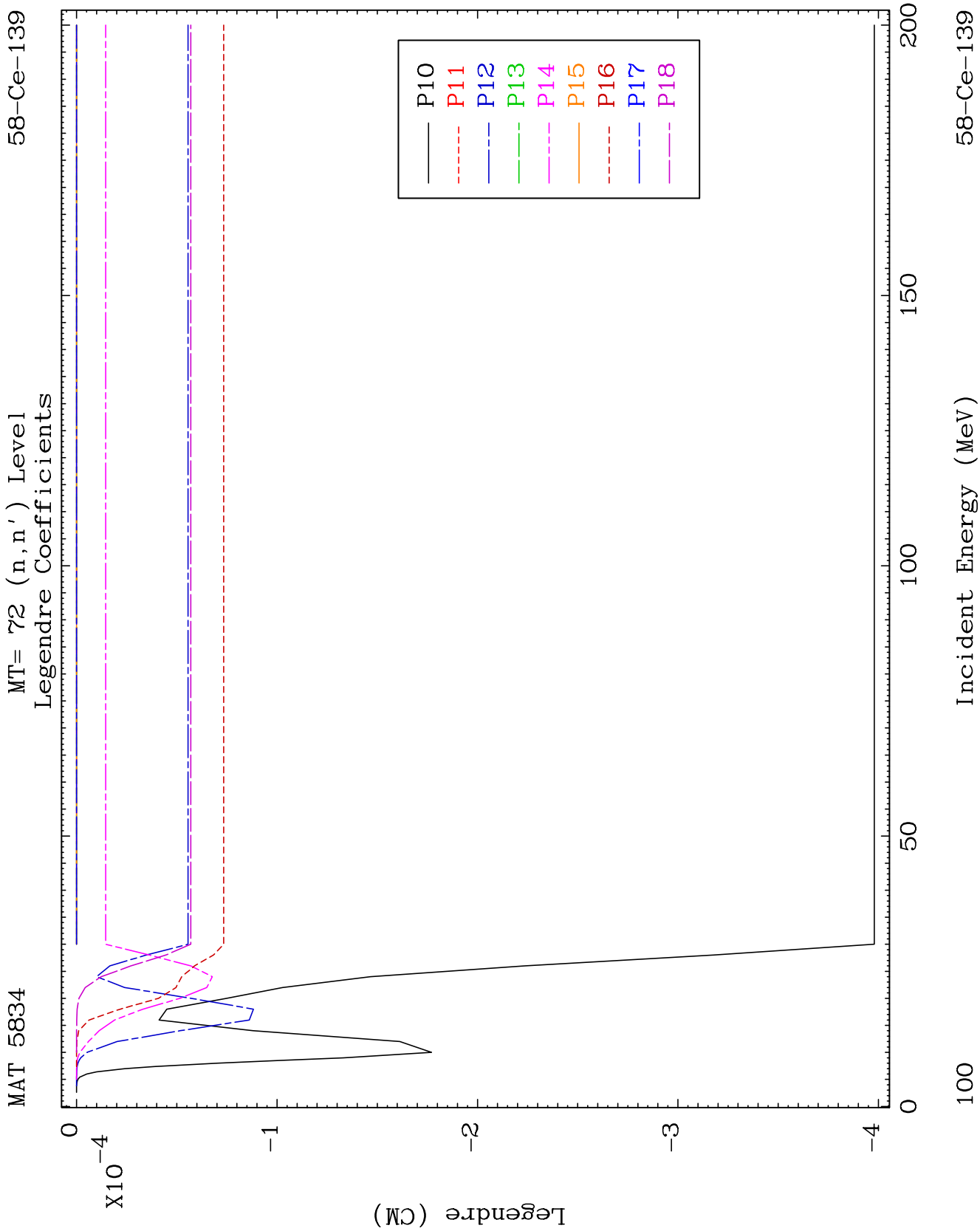
58-Ce-139

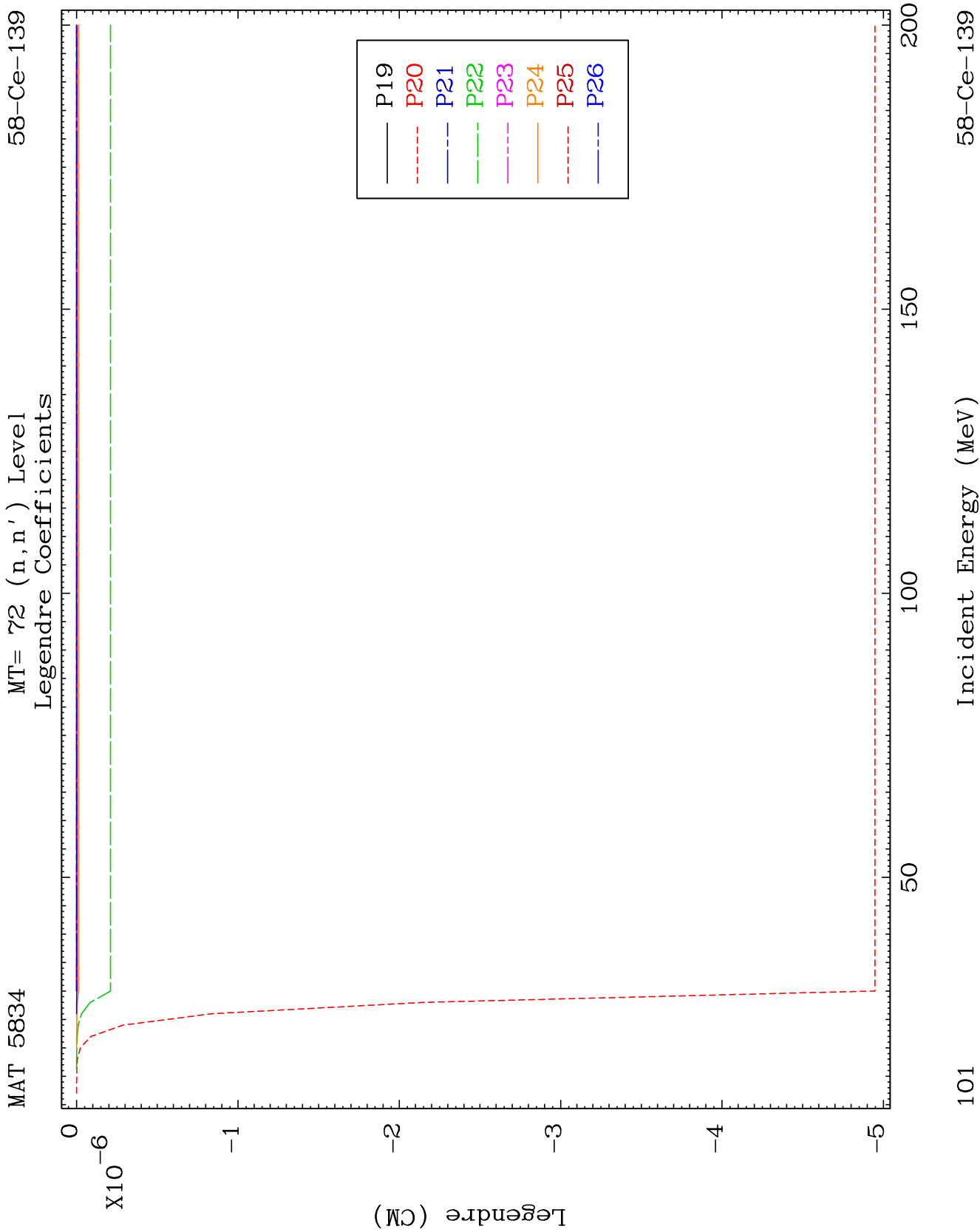


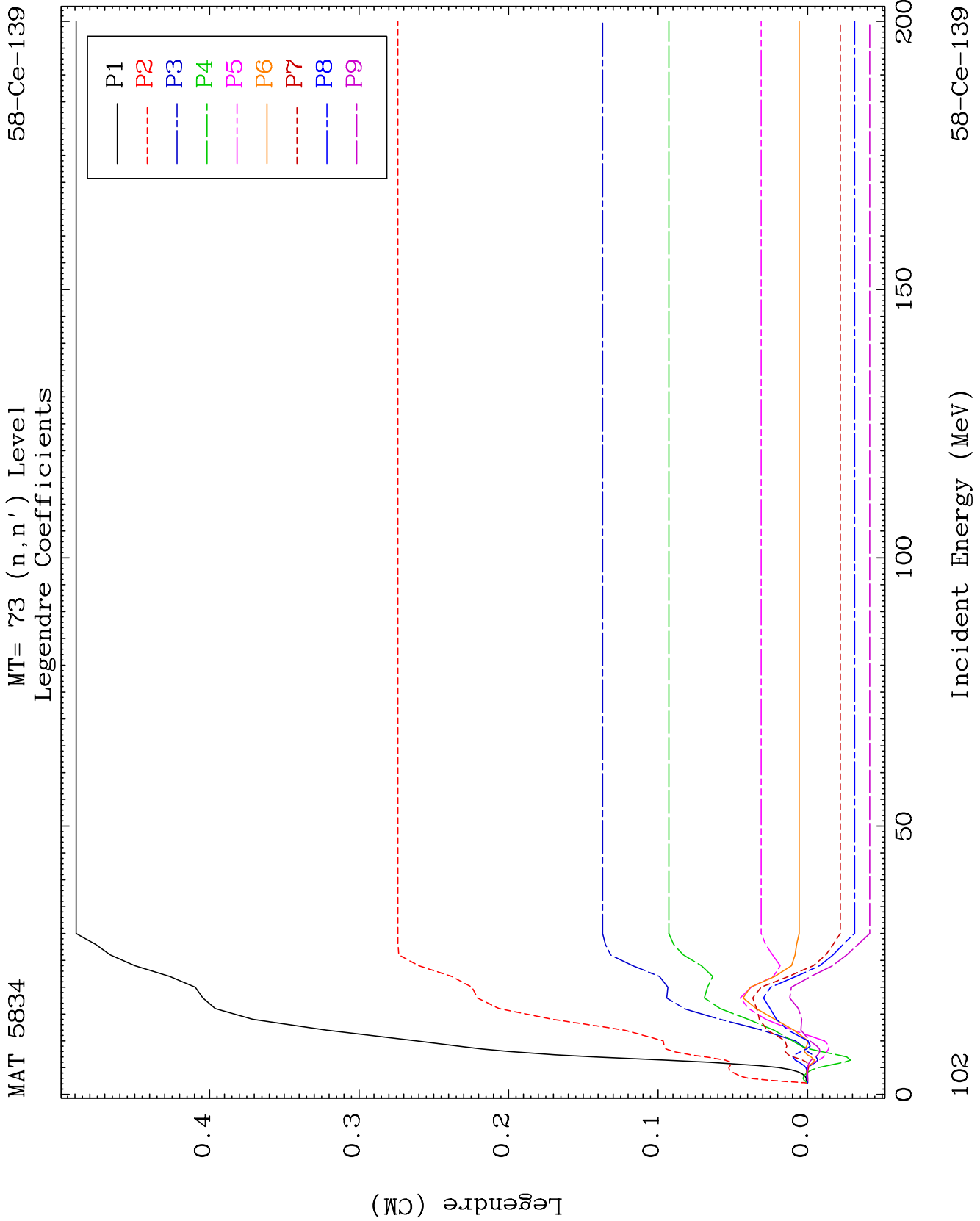








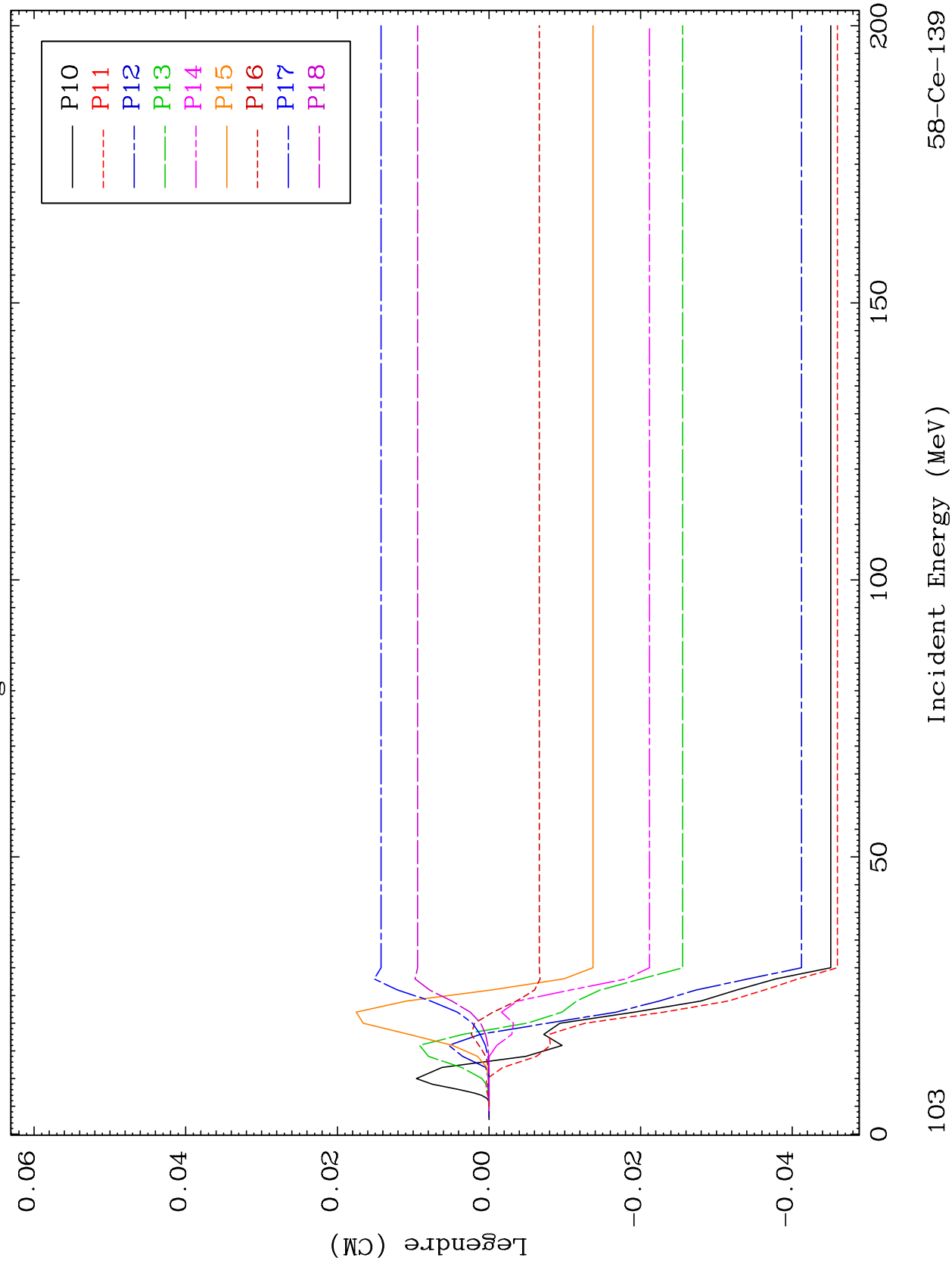




MAT 5834

MT= 73 (n, n') Level
Legendre Coefficients

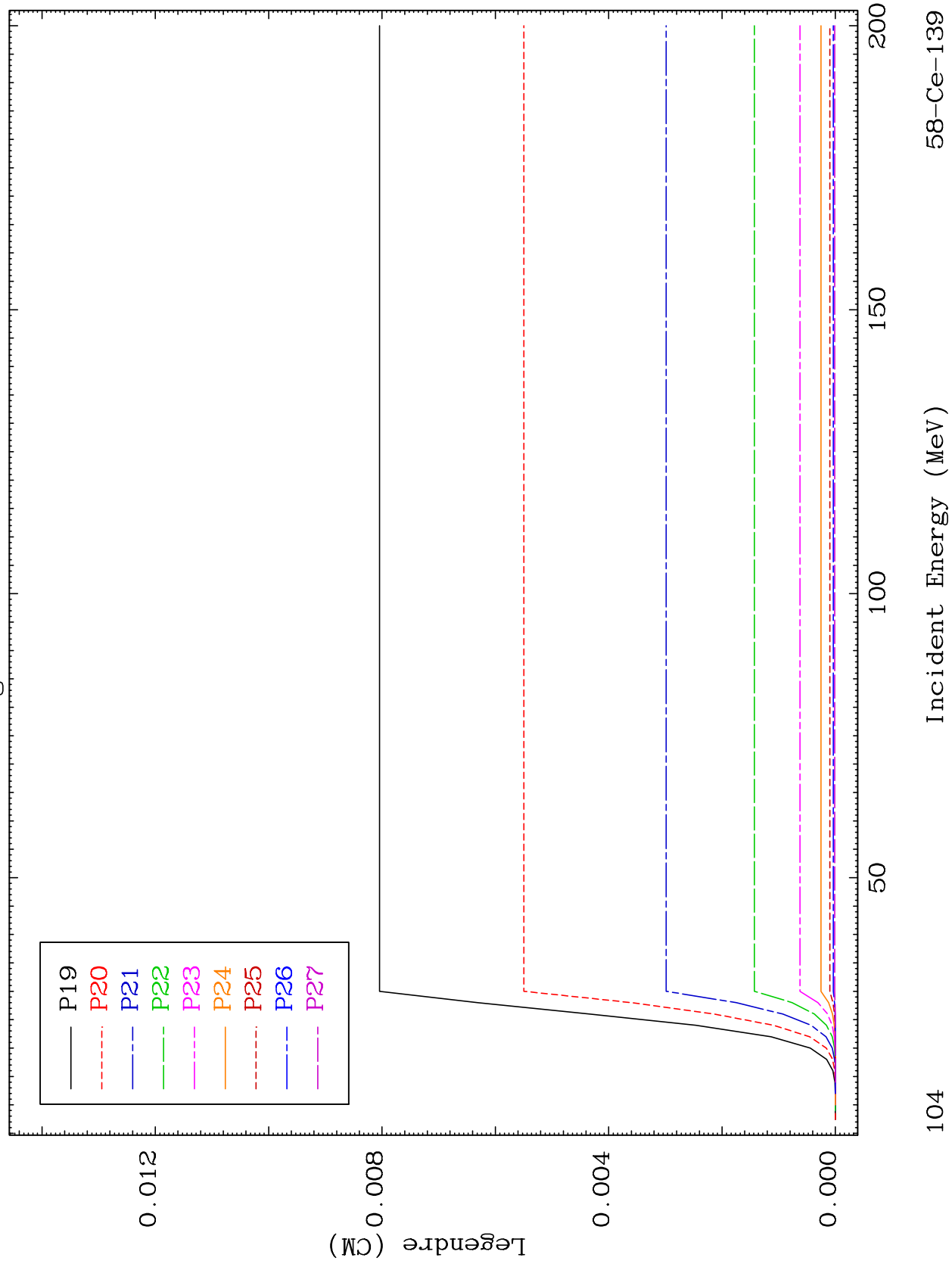
58-Ce-139

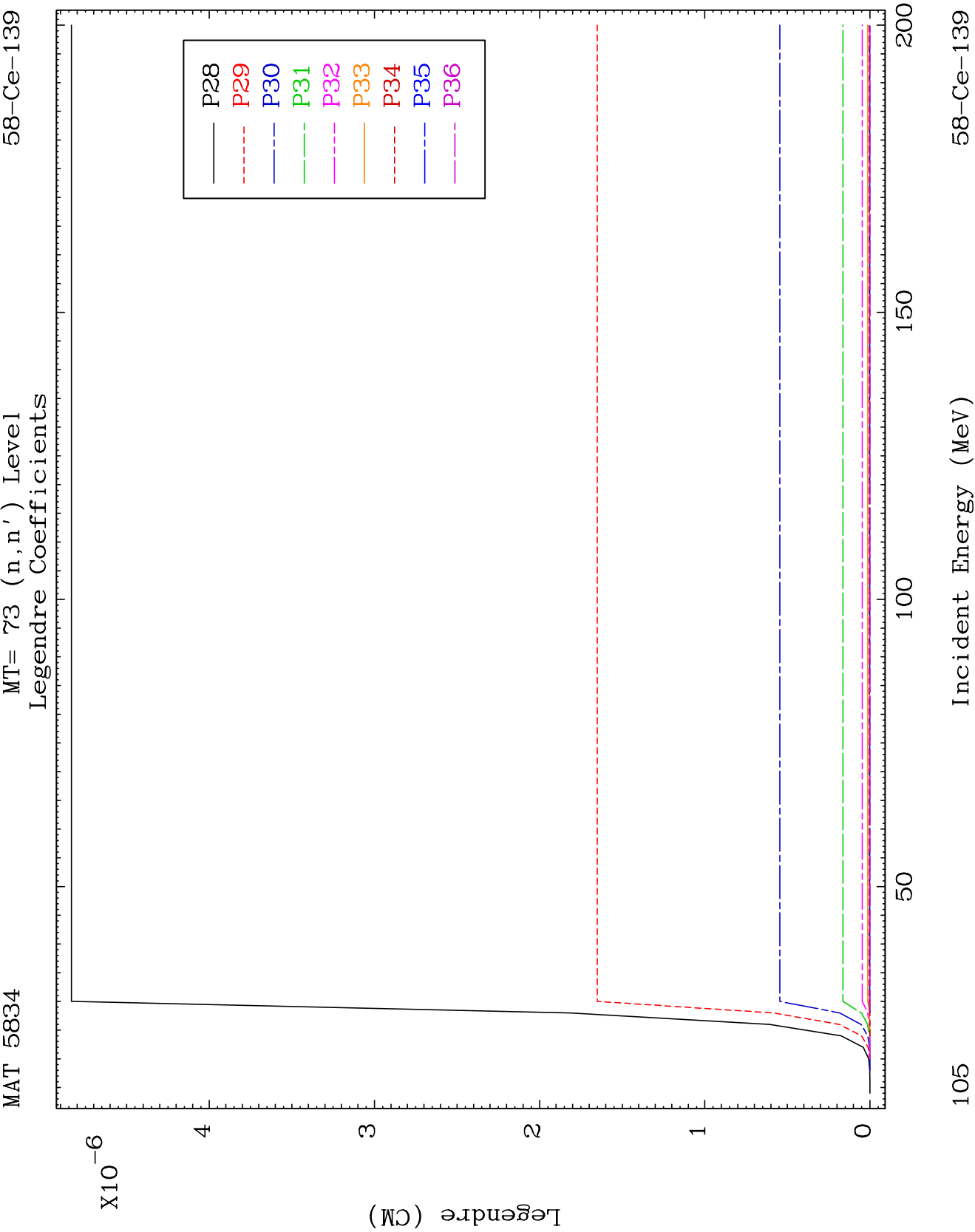


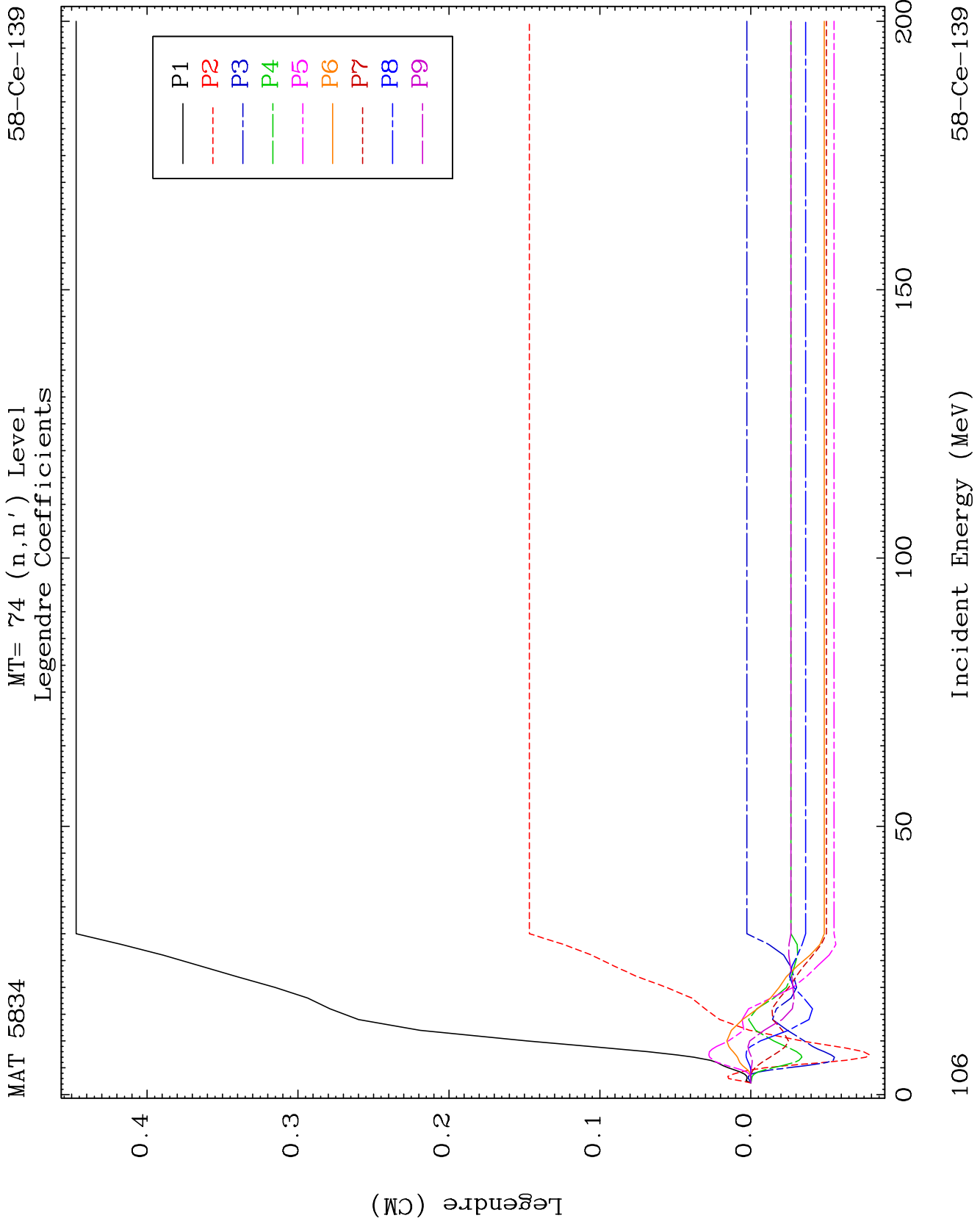
MAT 5834

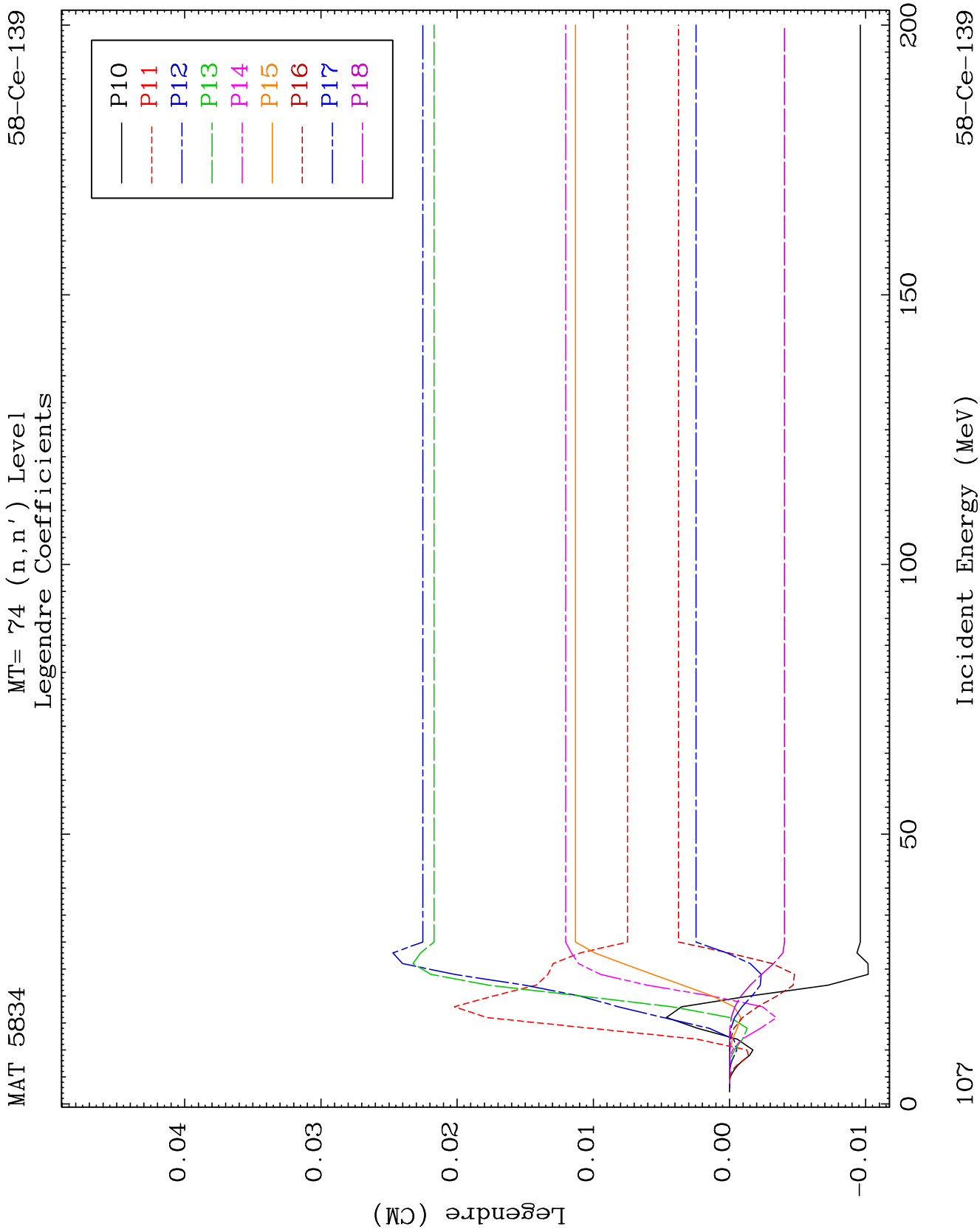
MT= 73 (n, n') Level
Legendre Coefficients

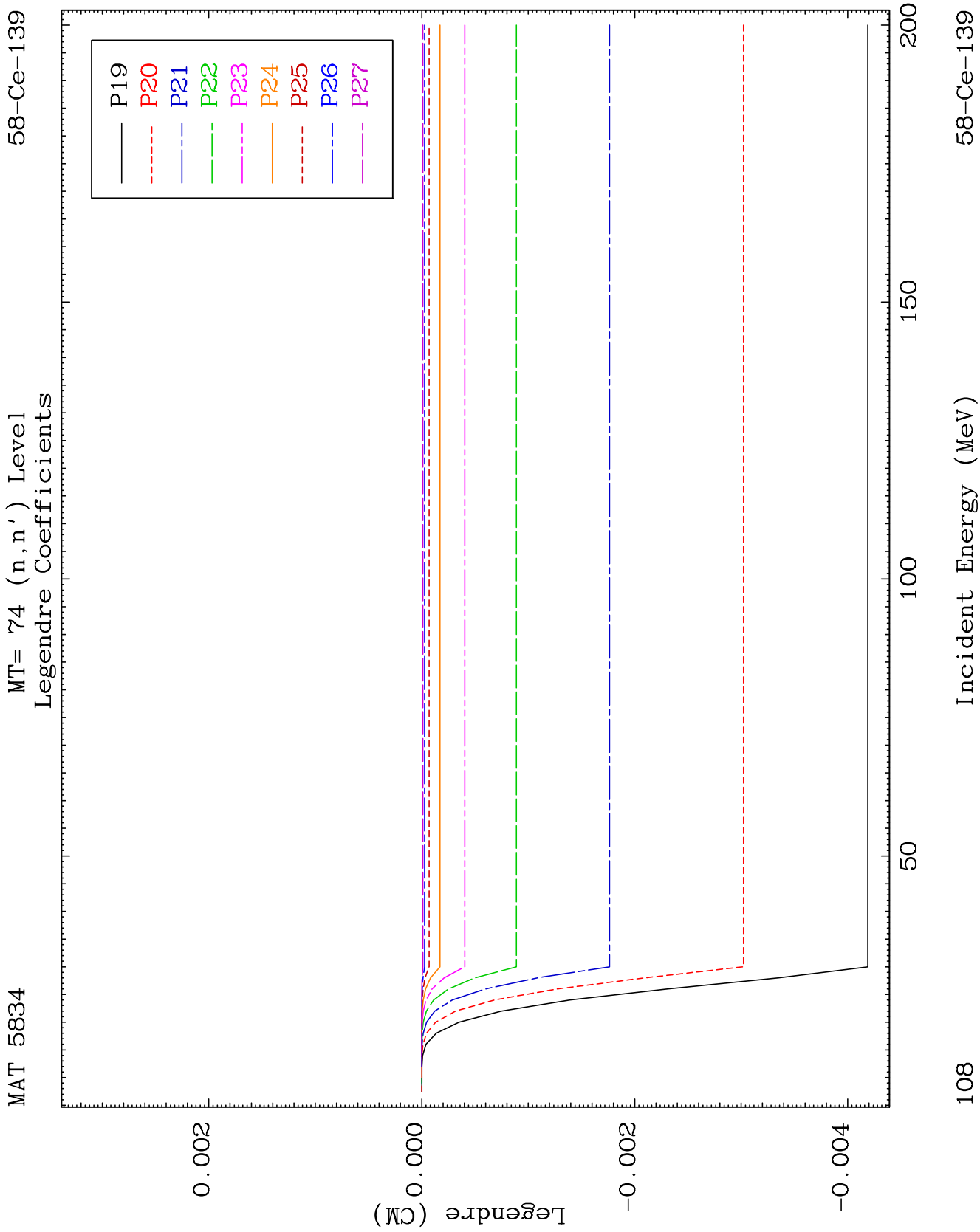
58-Ce-139







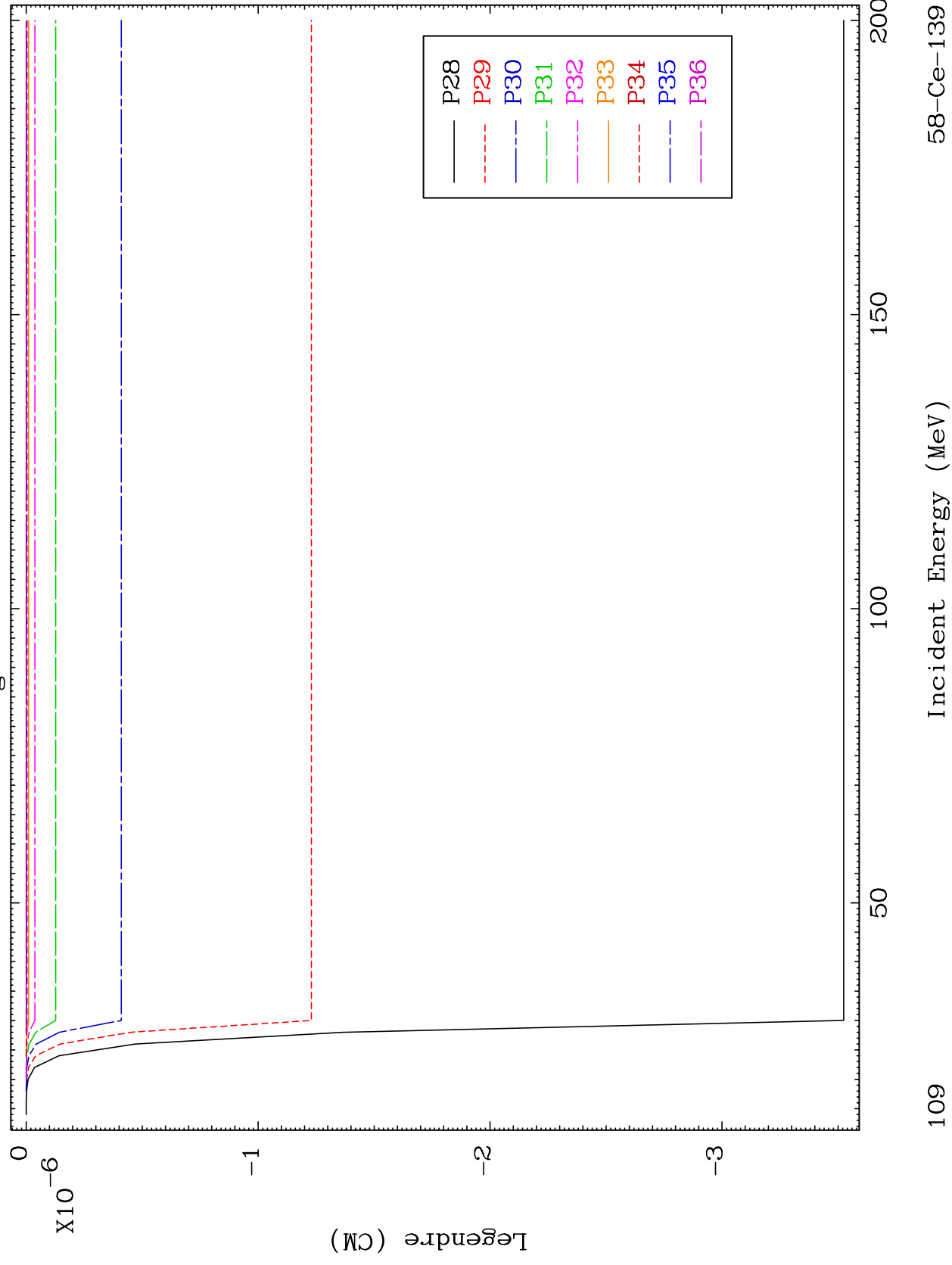




MAT 5834

MT= 74 (n, n') Level
Legendre Coefficients

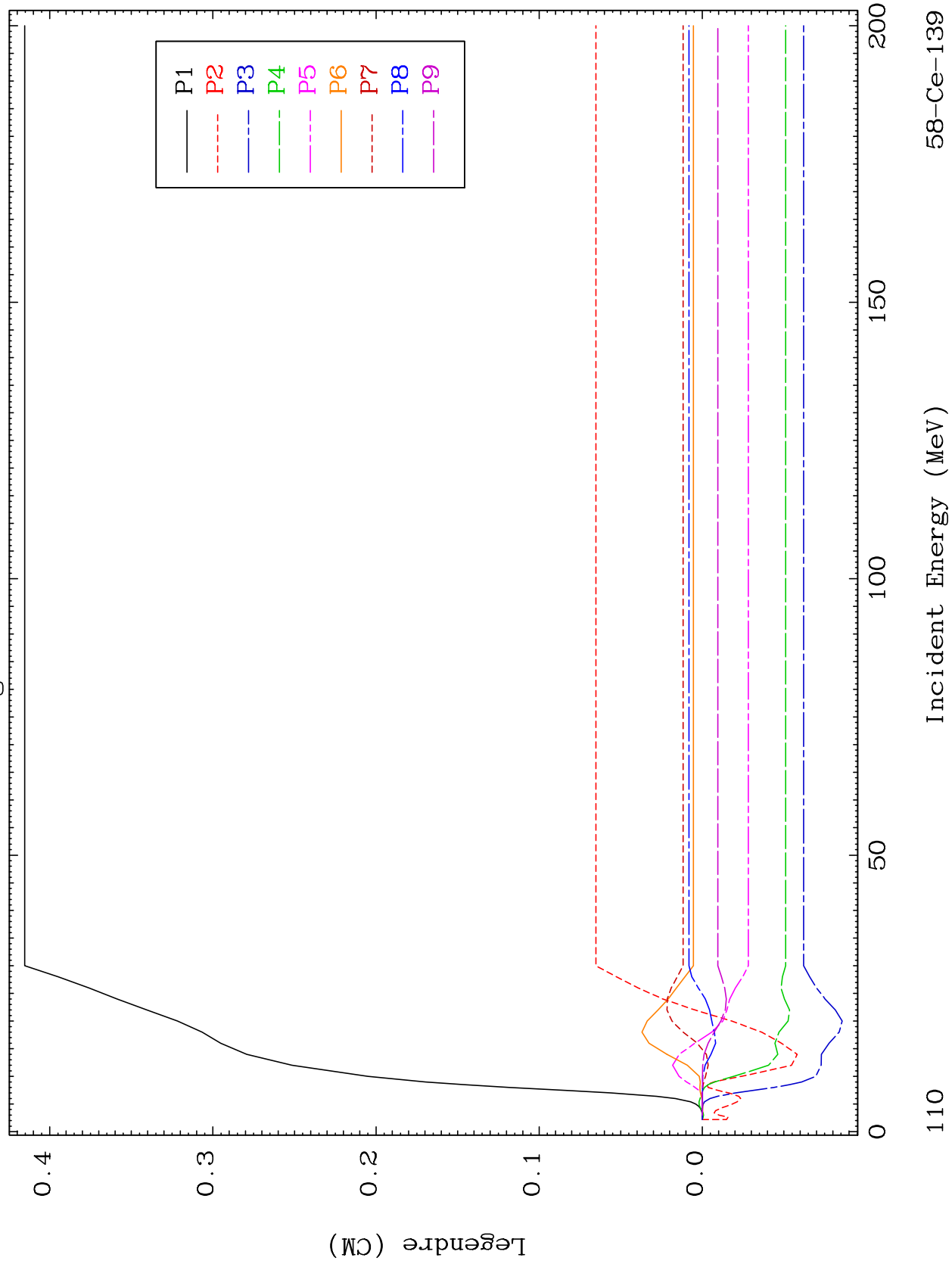
58-Ce-139

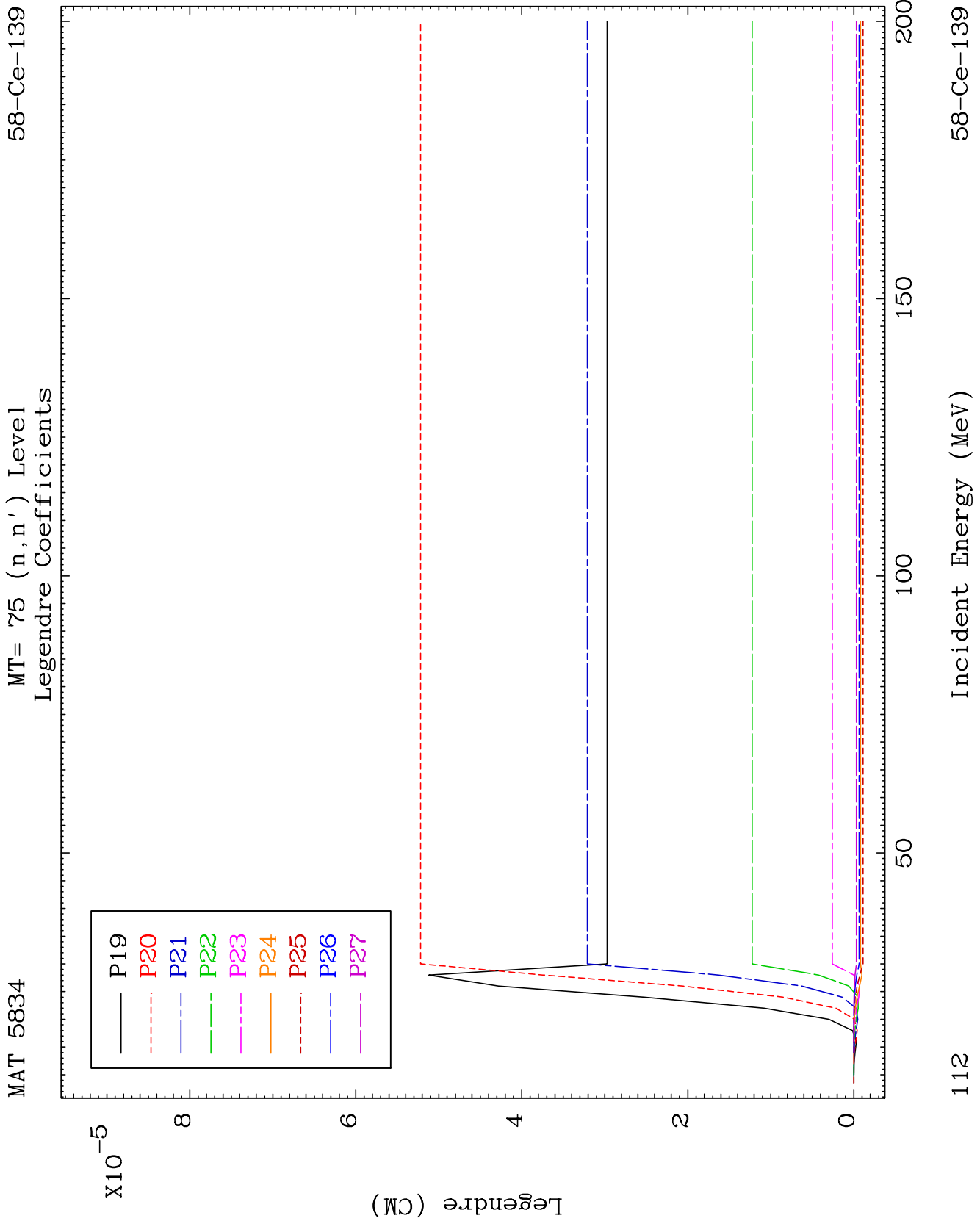


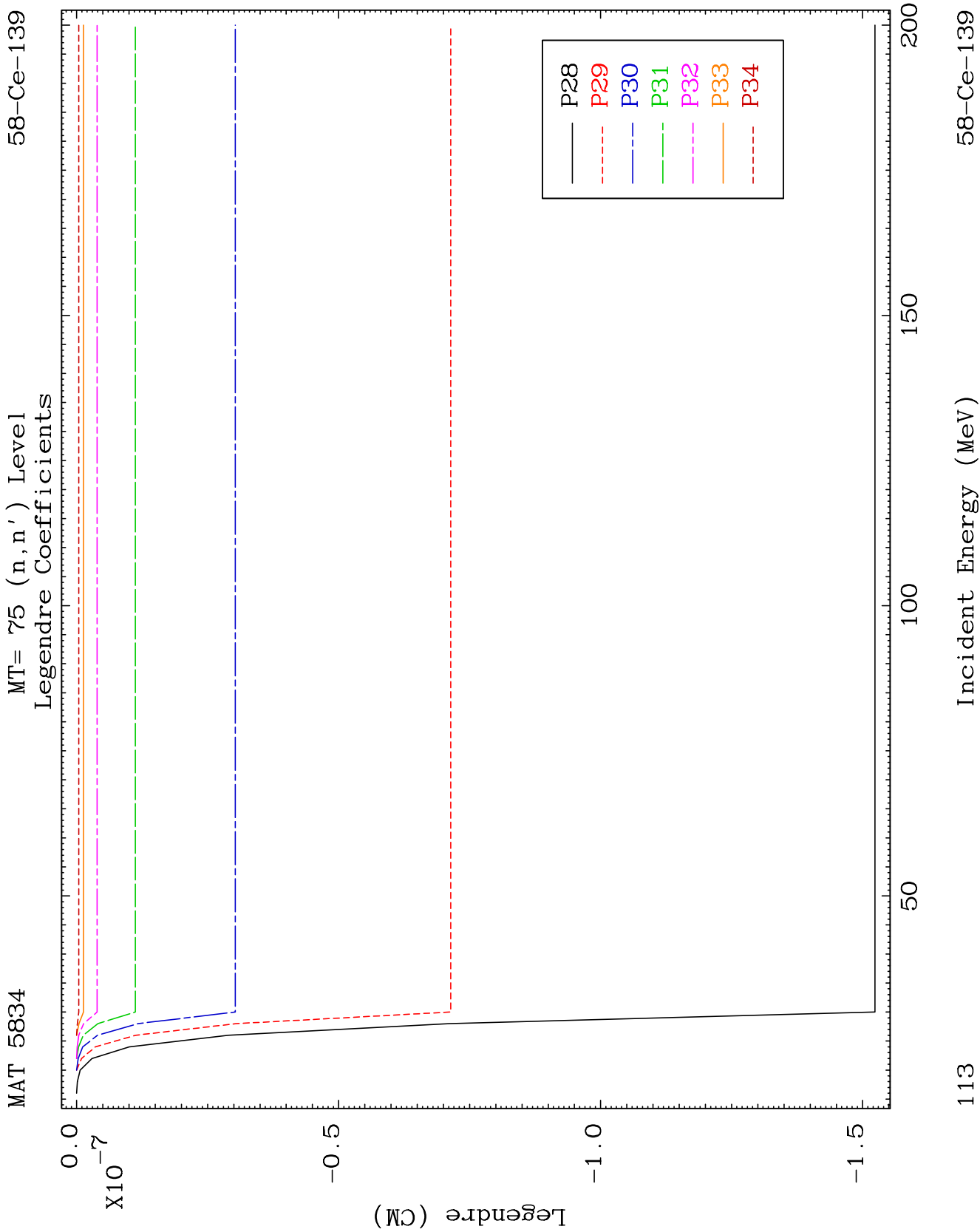
MAT 5834

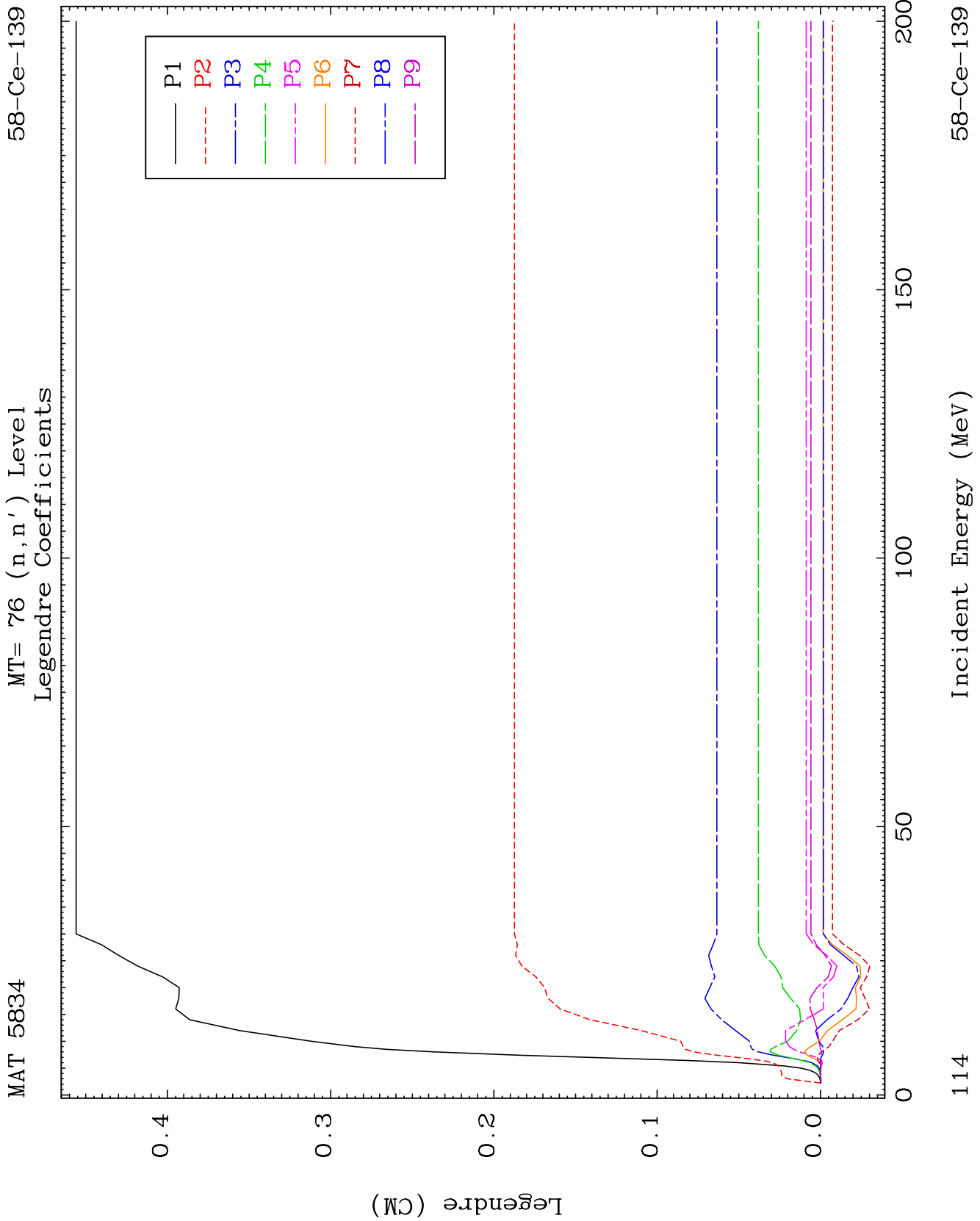
MT= 75 (n, n') Level
Legendre Coefficients

58-Ce-139





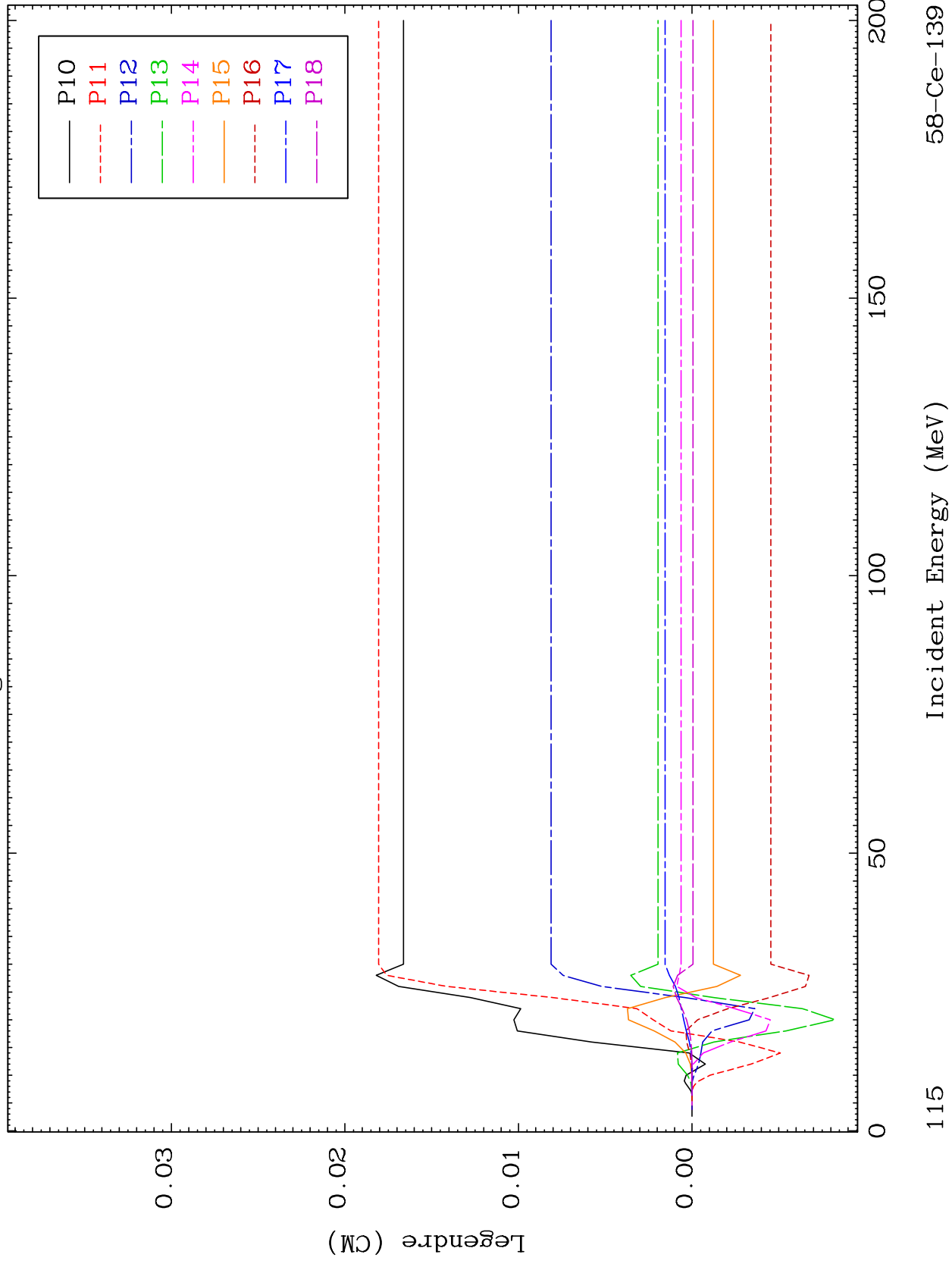


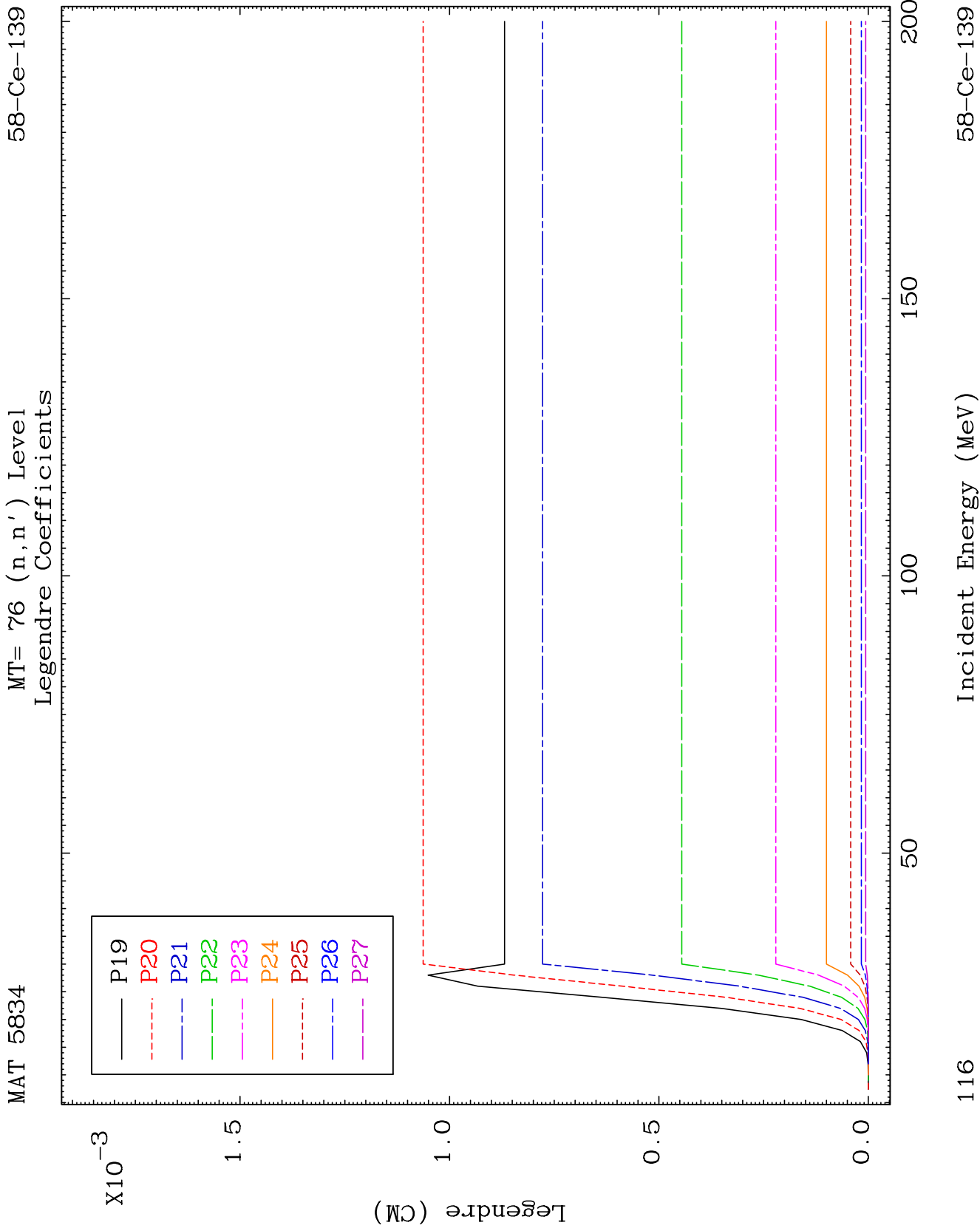


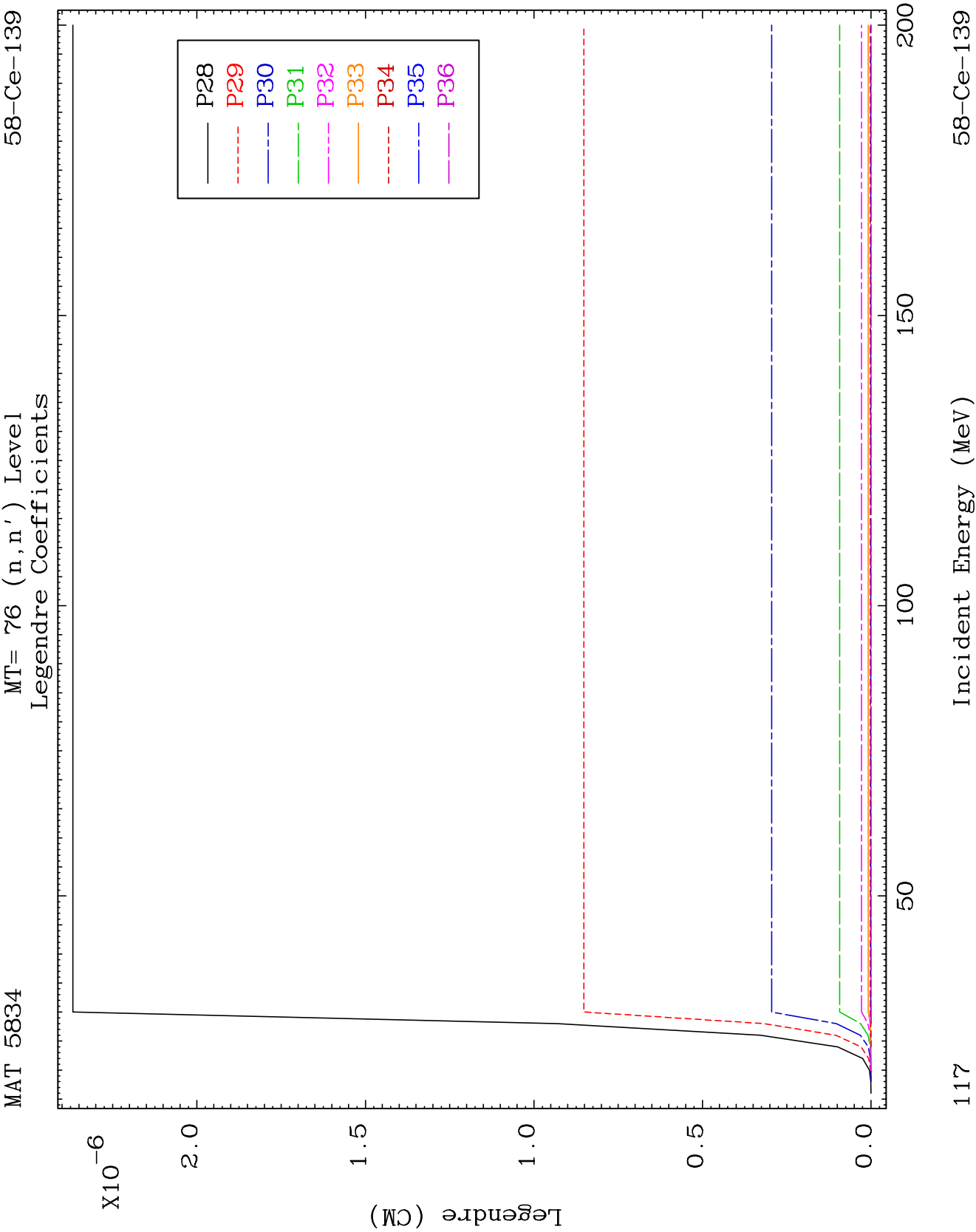
MAT 5834

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

58-Ce-139



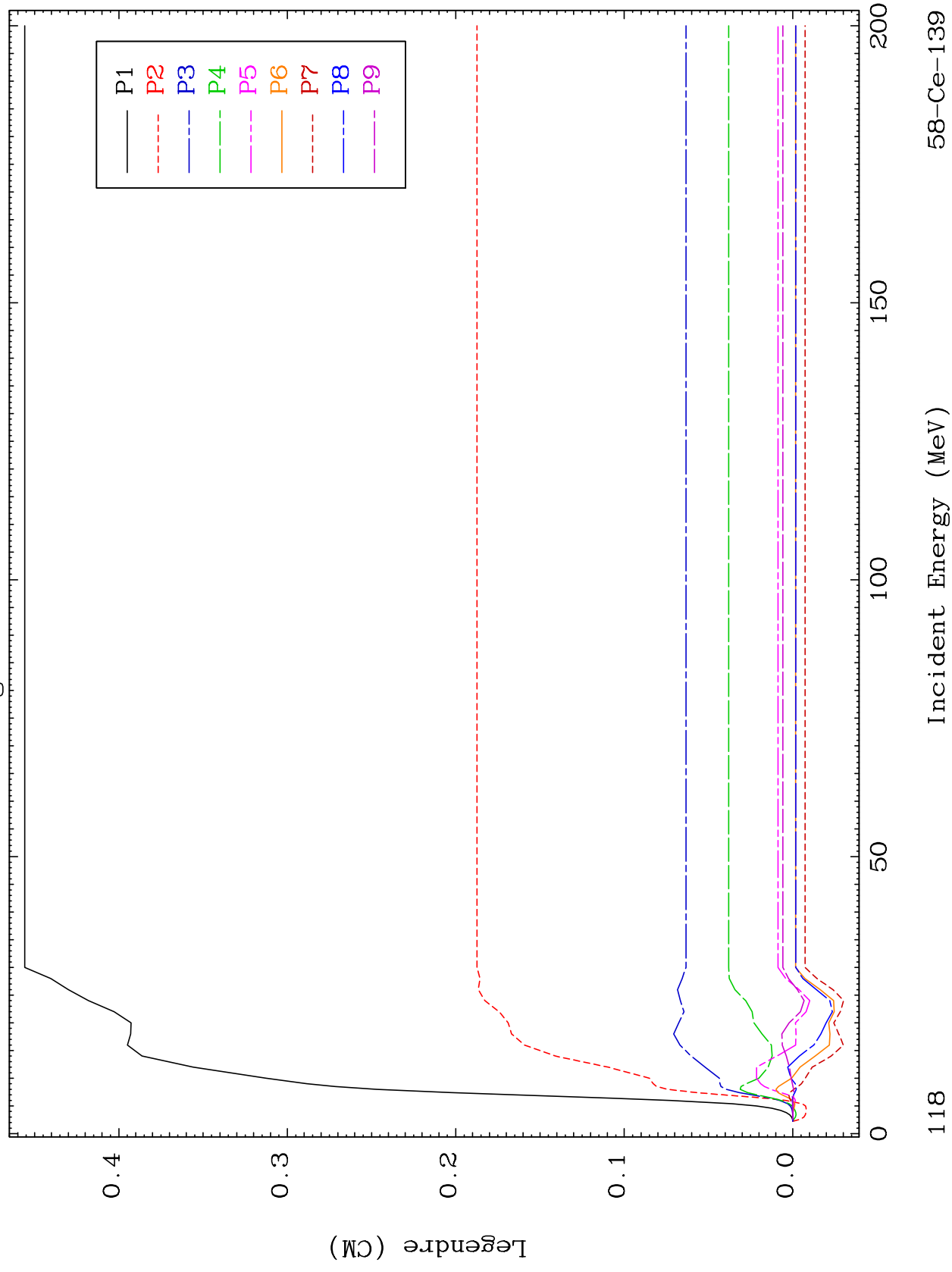


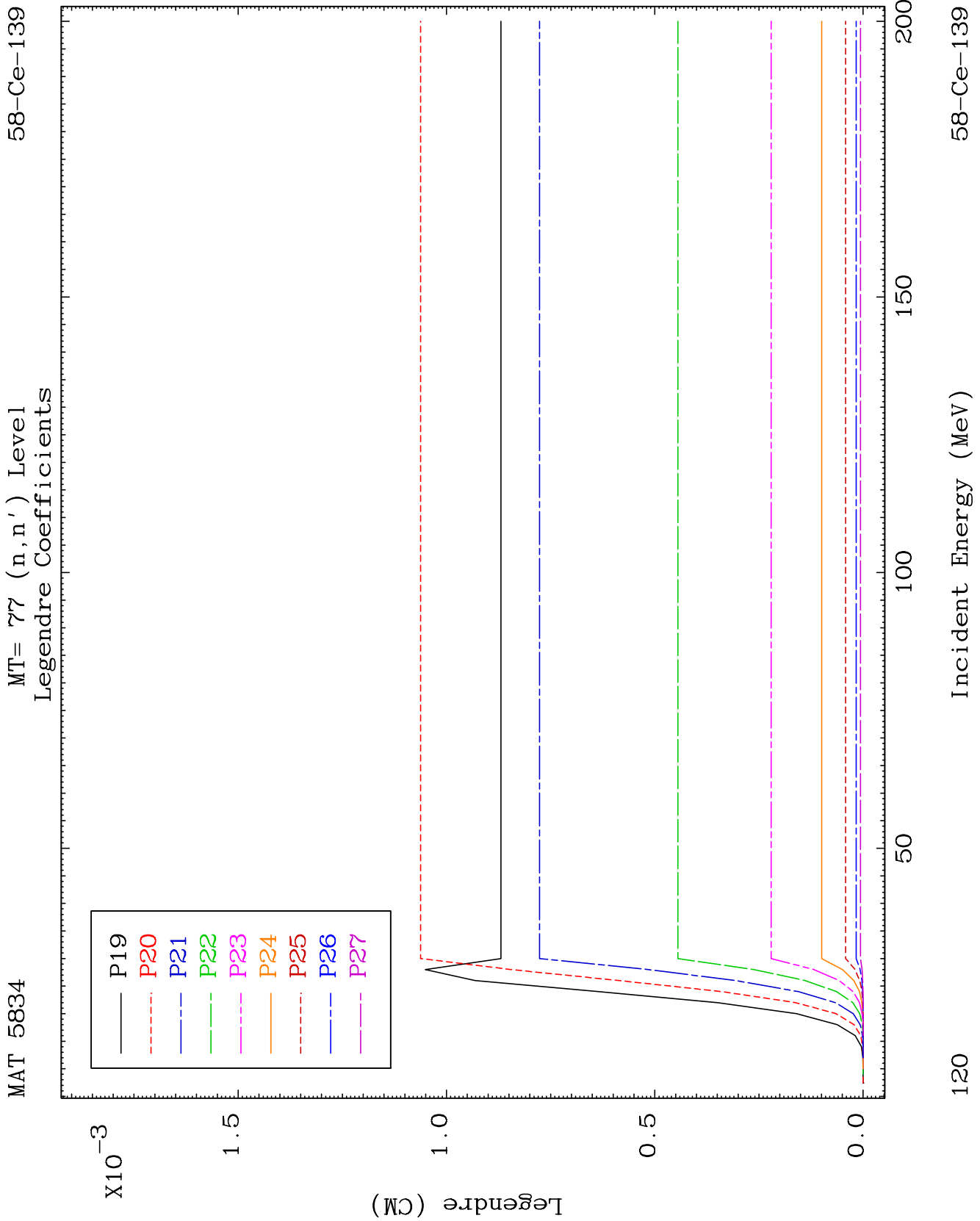


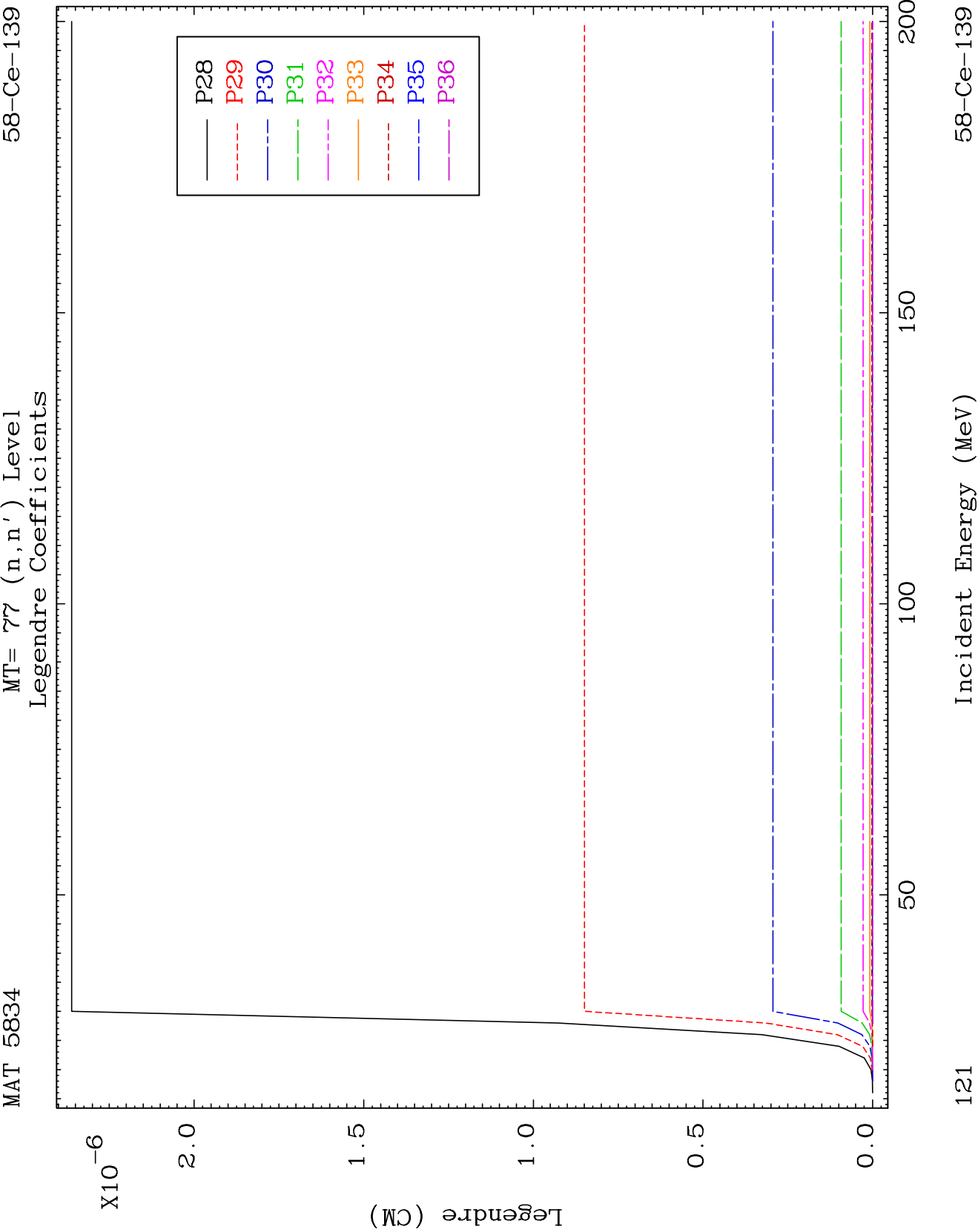
MAT 5834

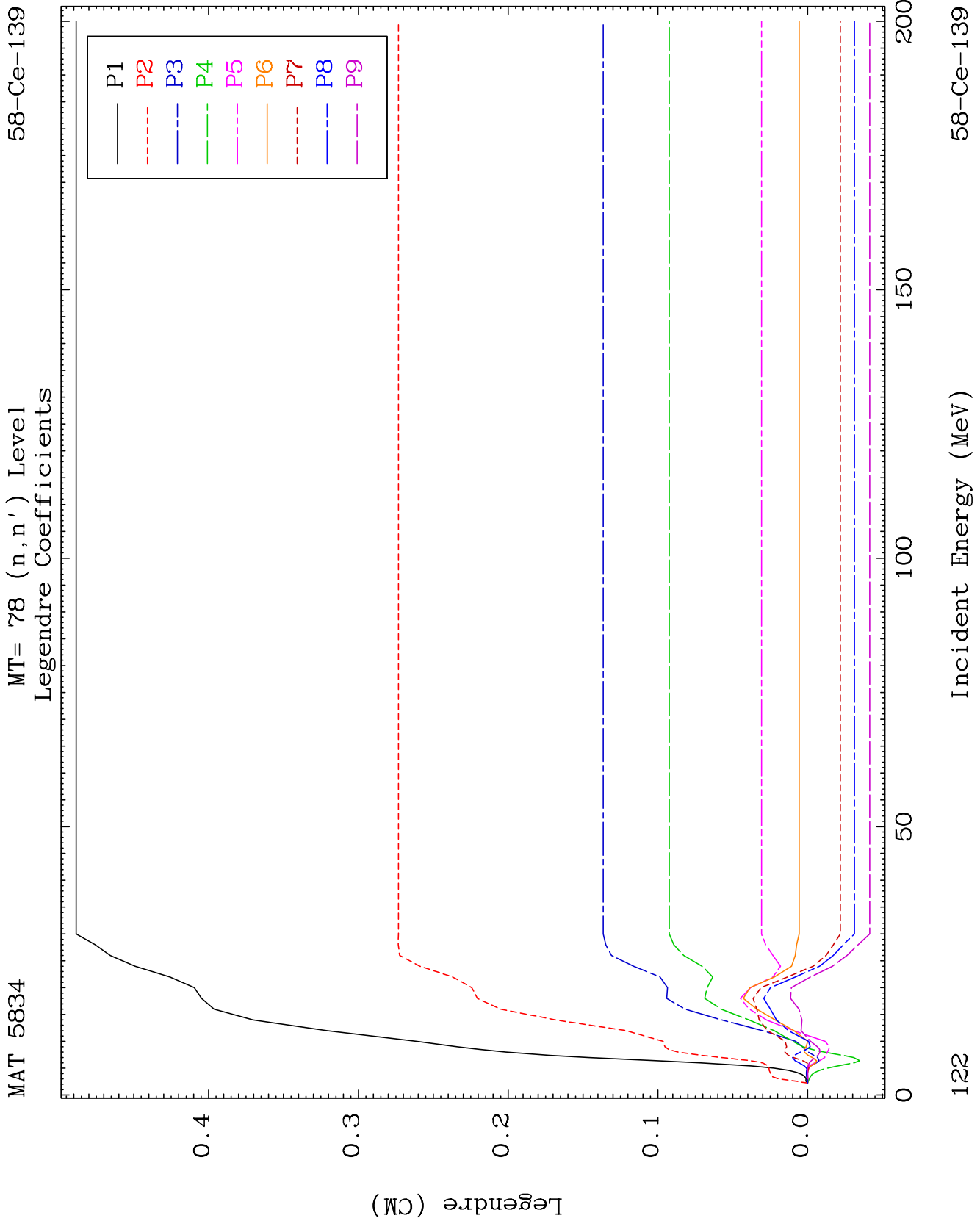
MT= 77 (n, n') Level
Legendre Coefficients

58-Ce-139





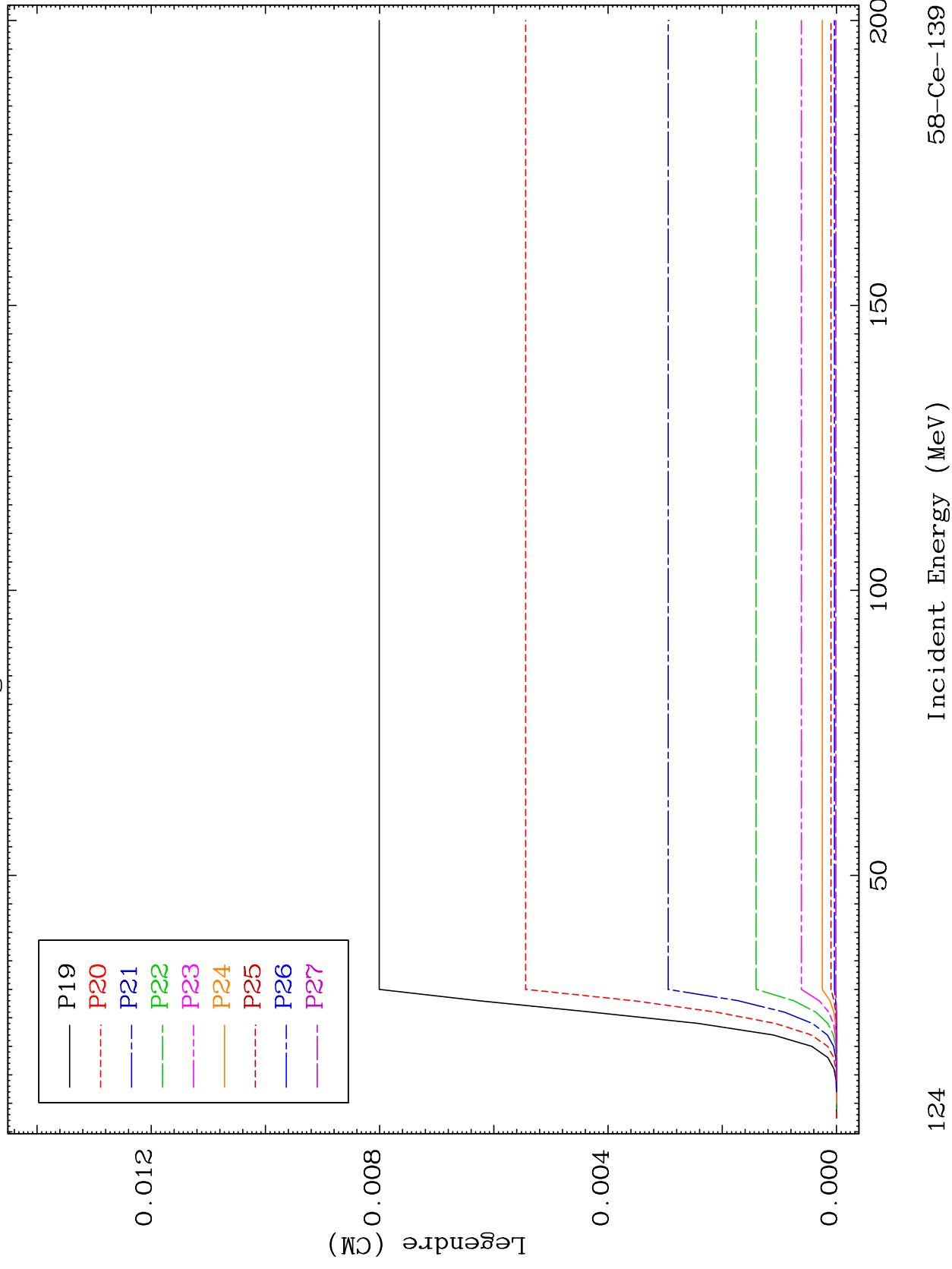


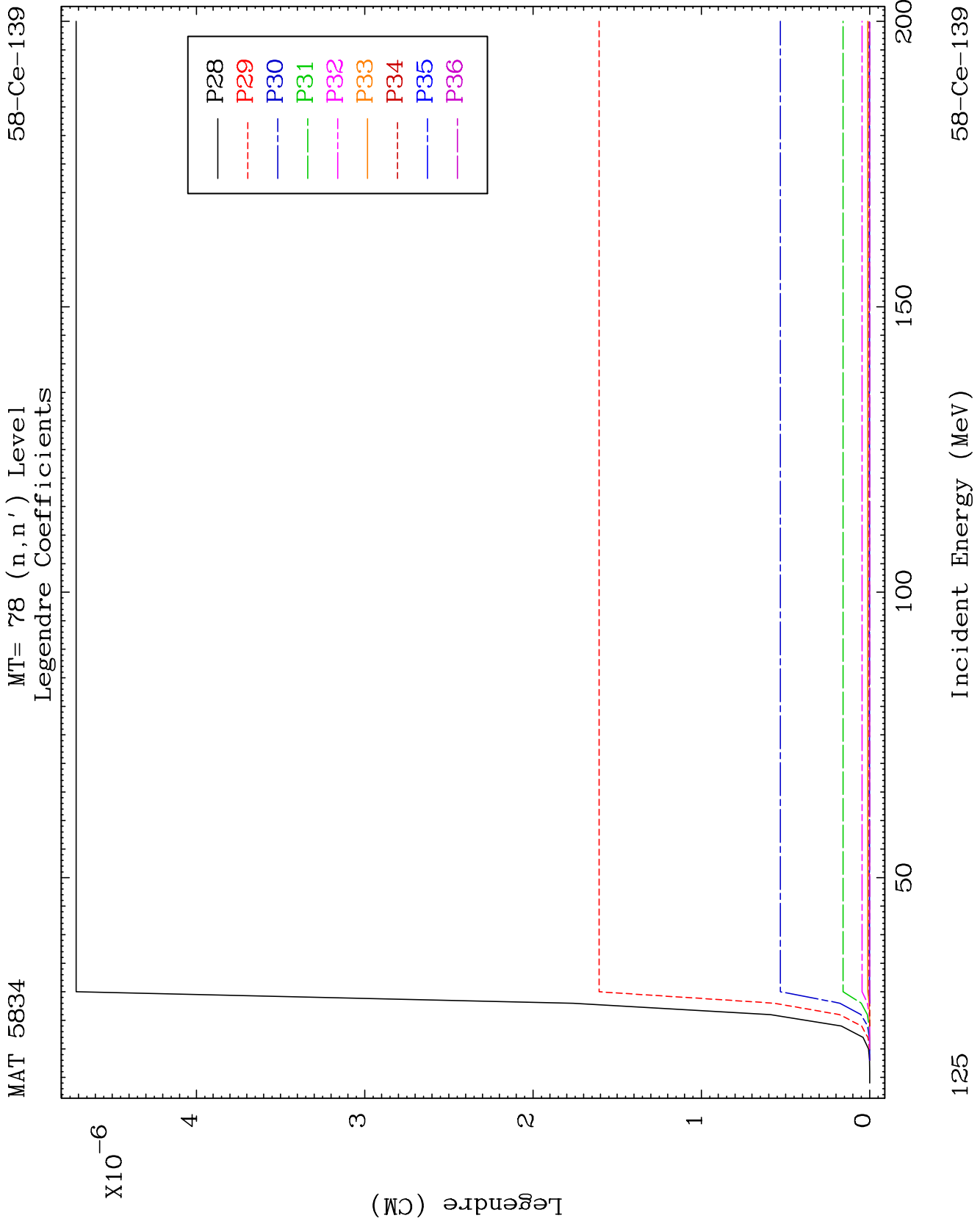


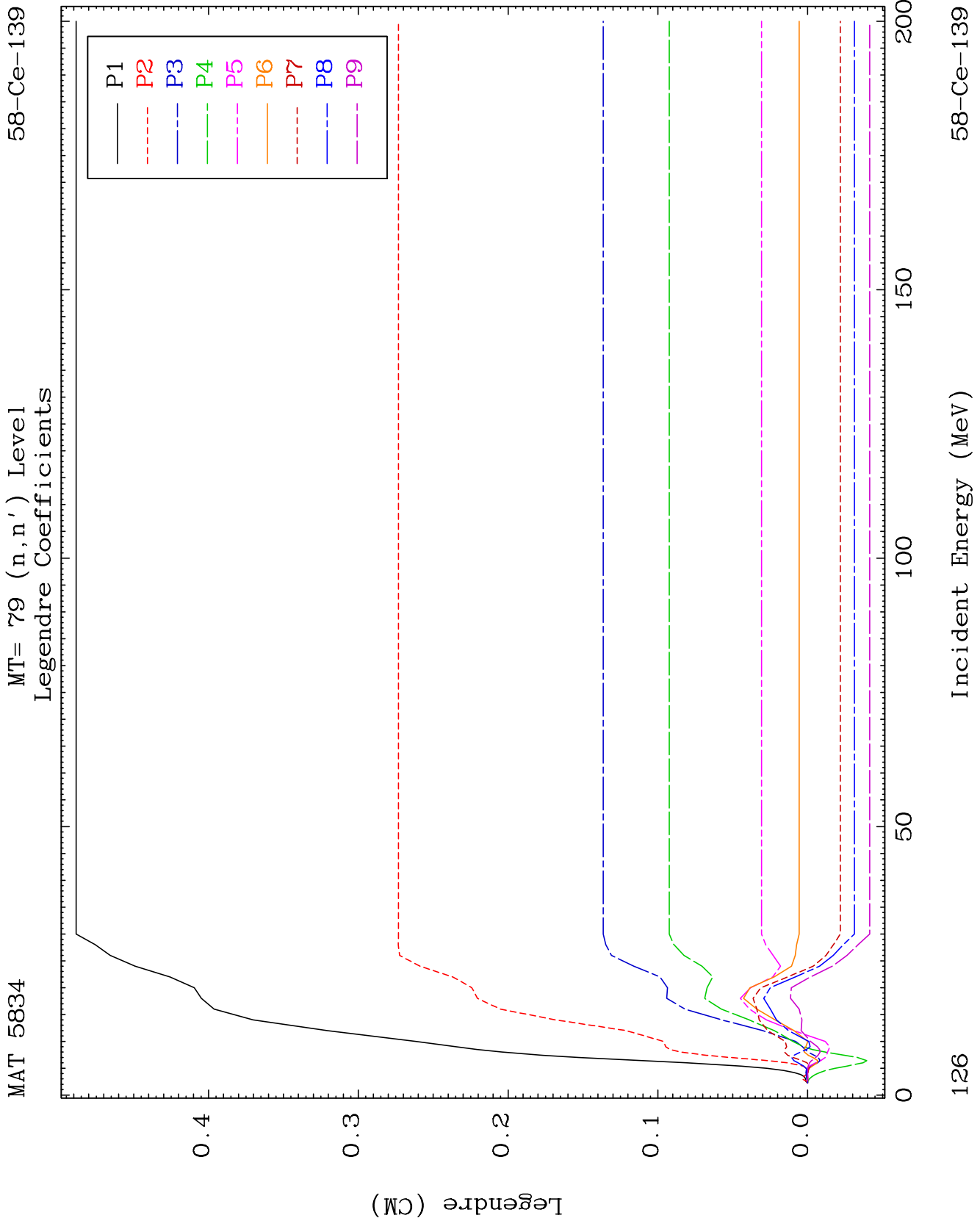
MAT 5834

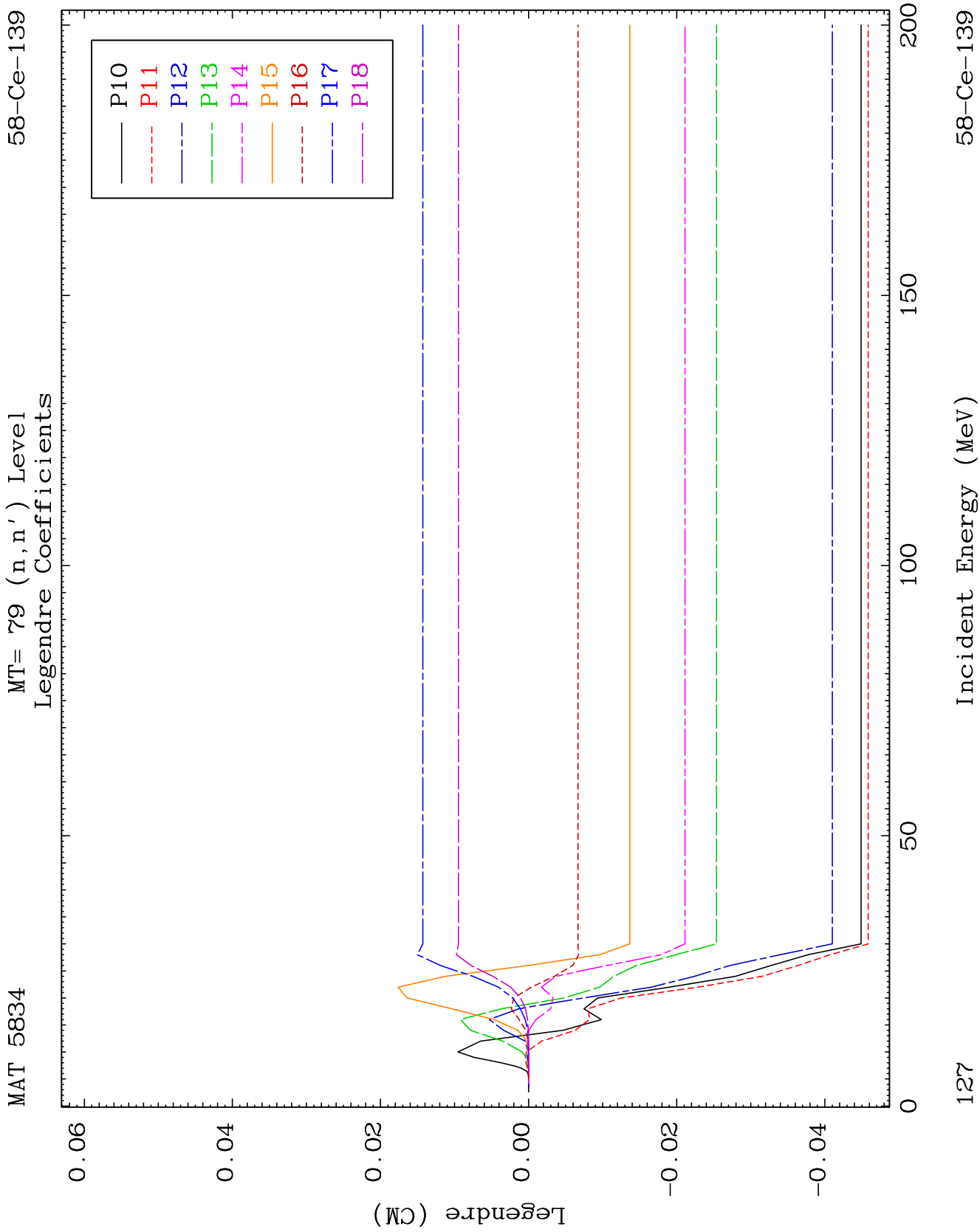
MT= 78 (n, n') Level
Legendre Coefficients

58-Ce-139





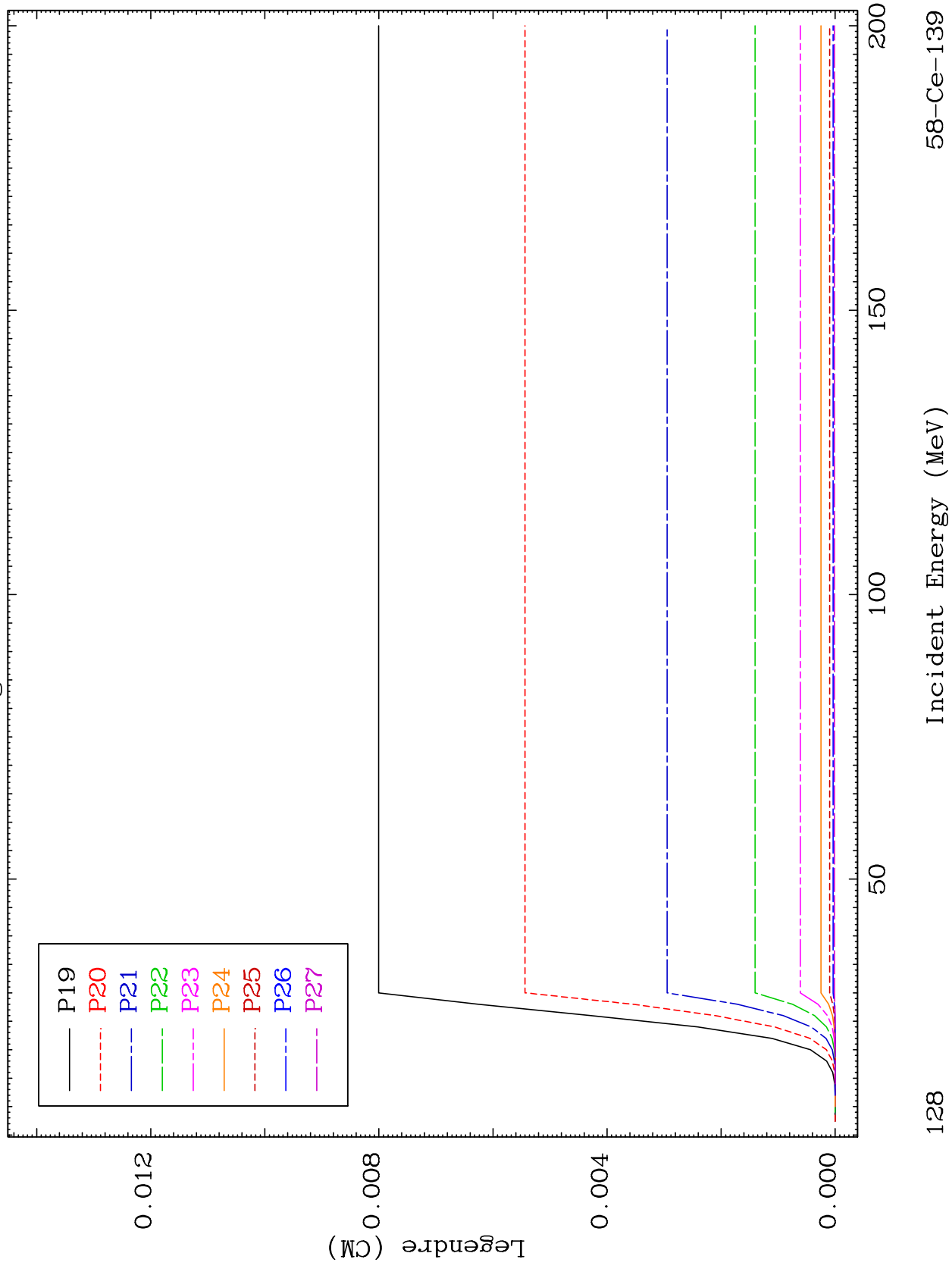


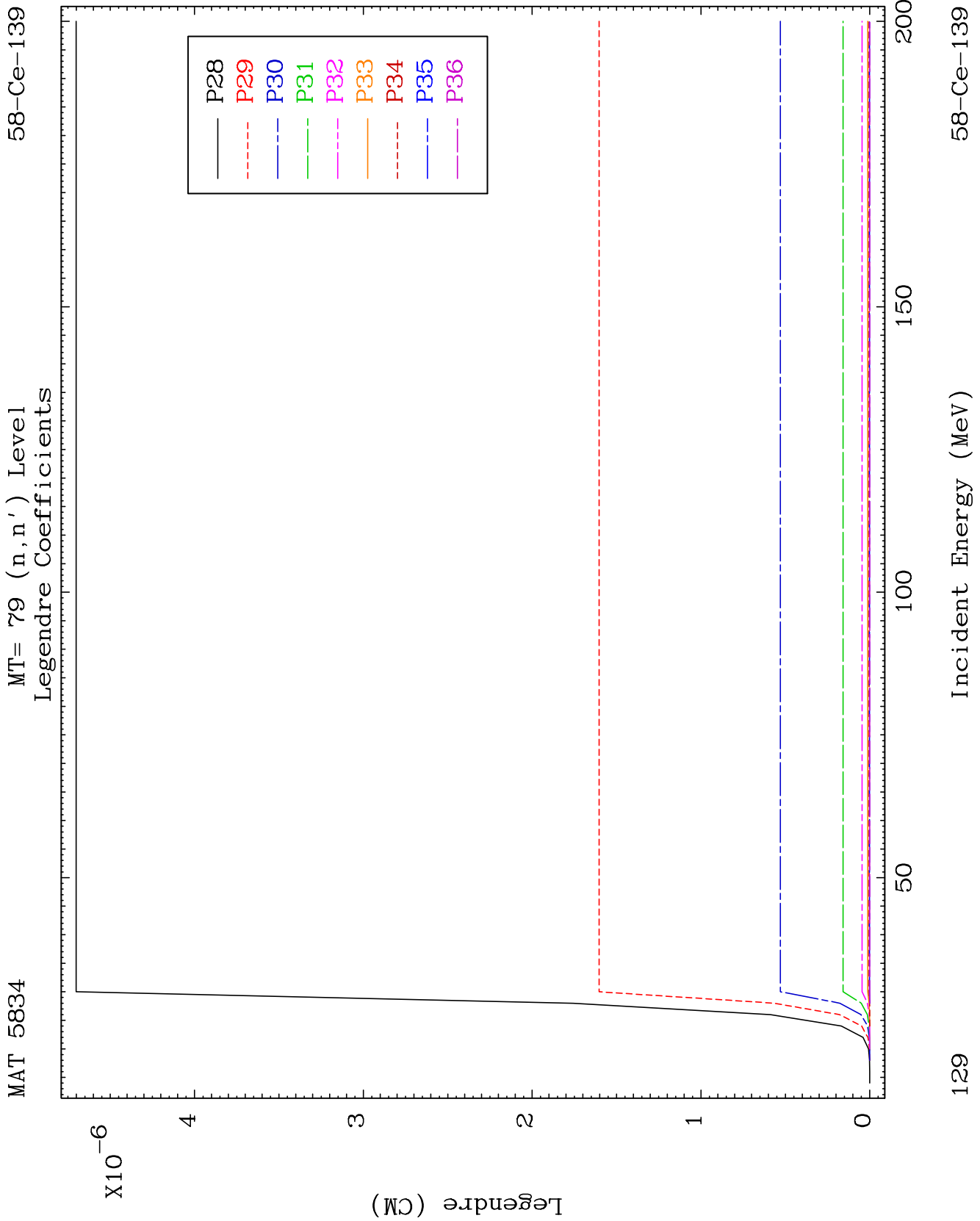


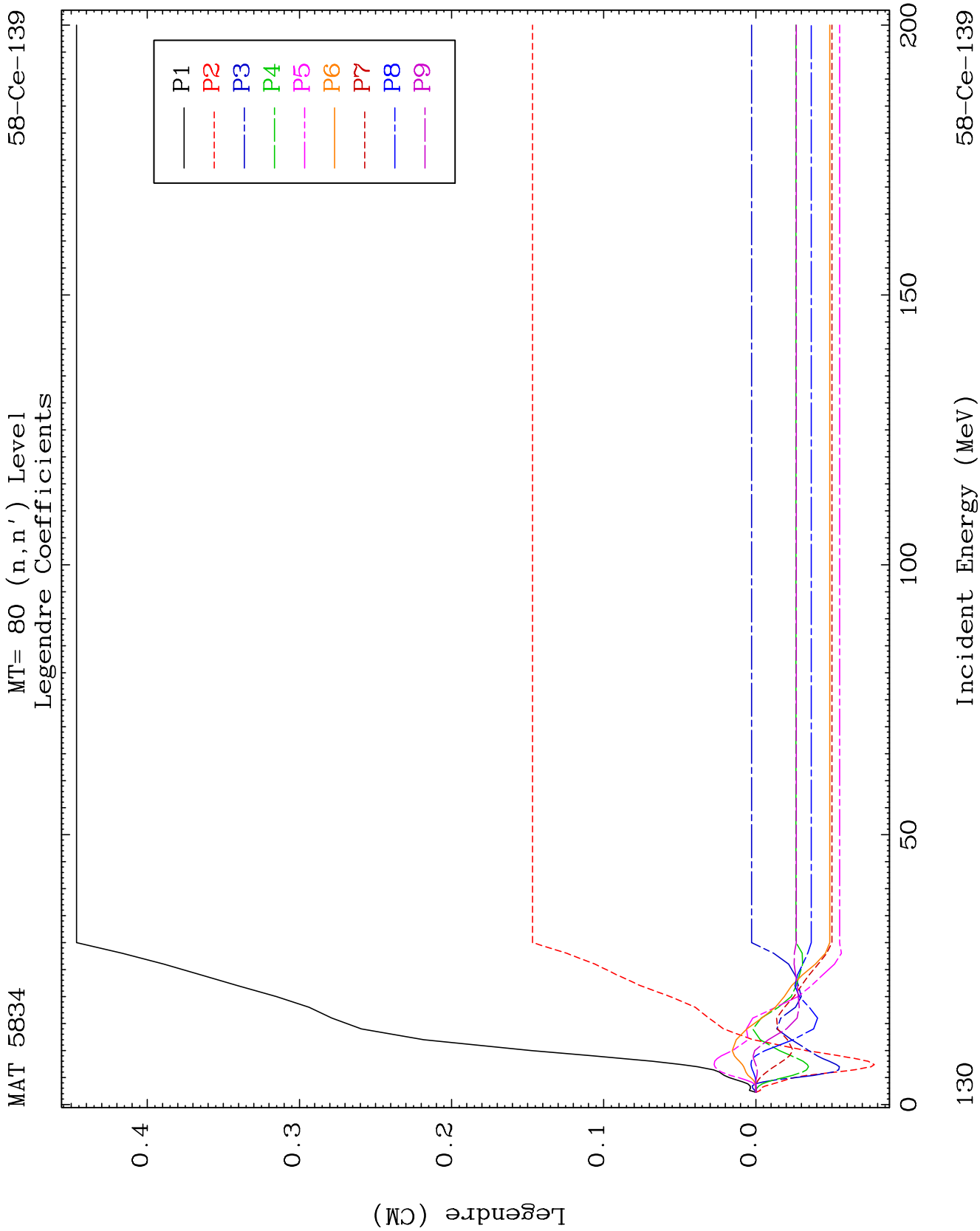
MAT 5834

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

58-Ce-139



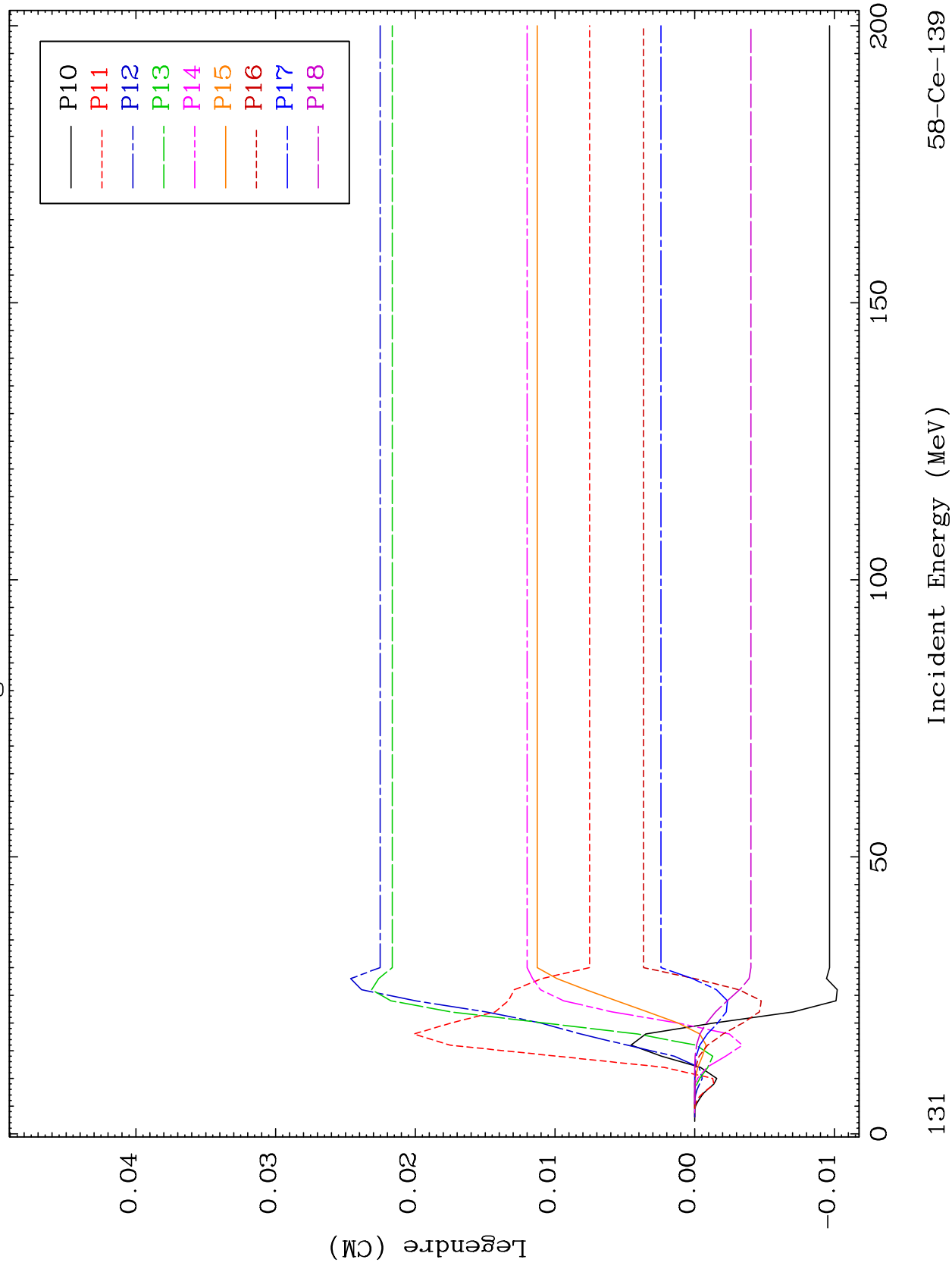


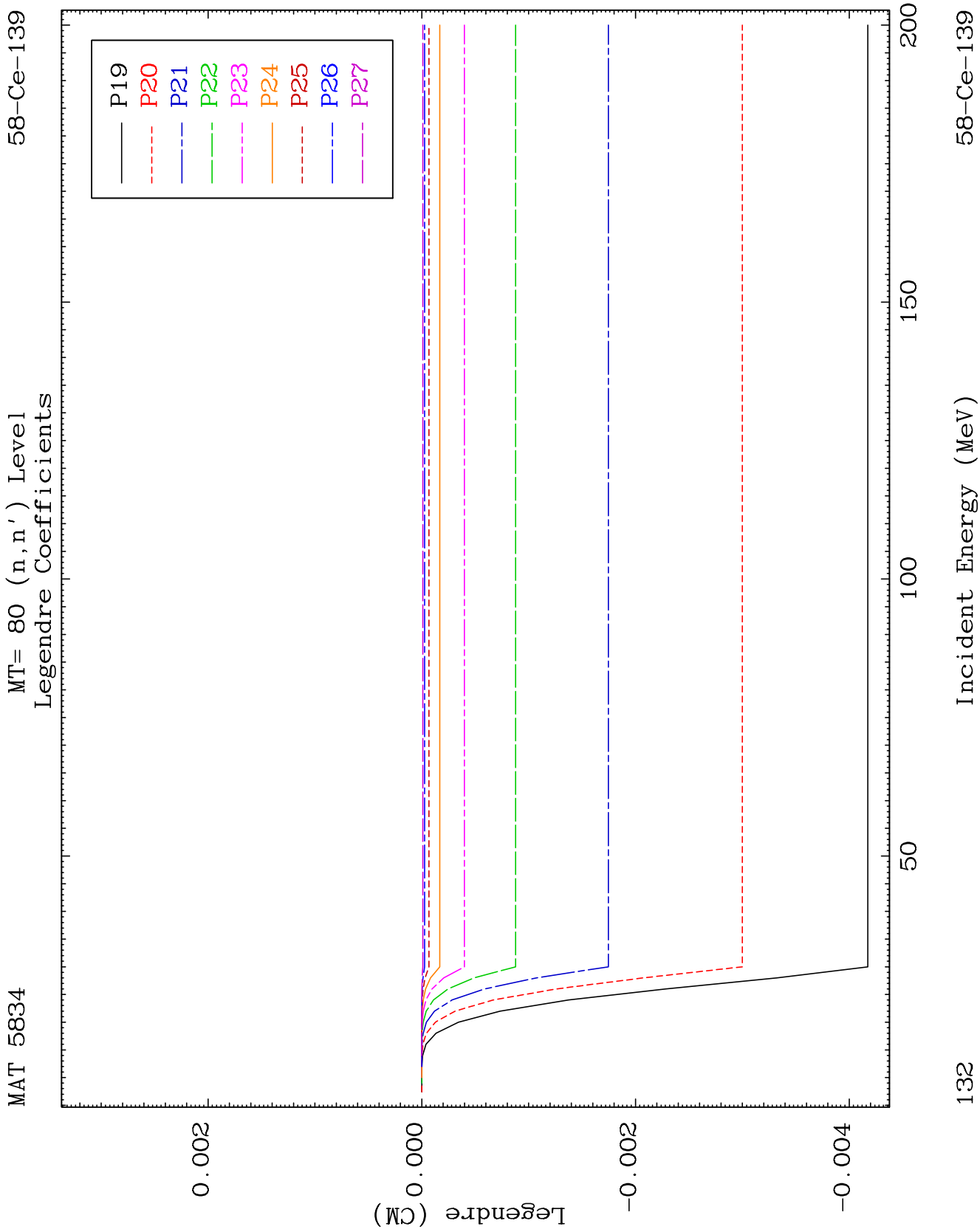


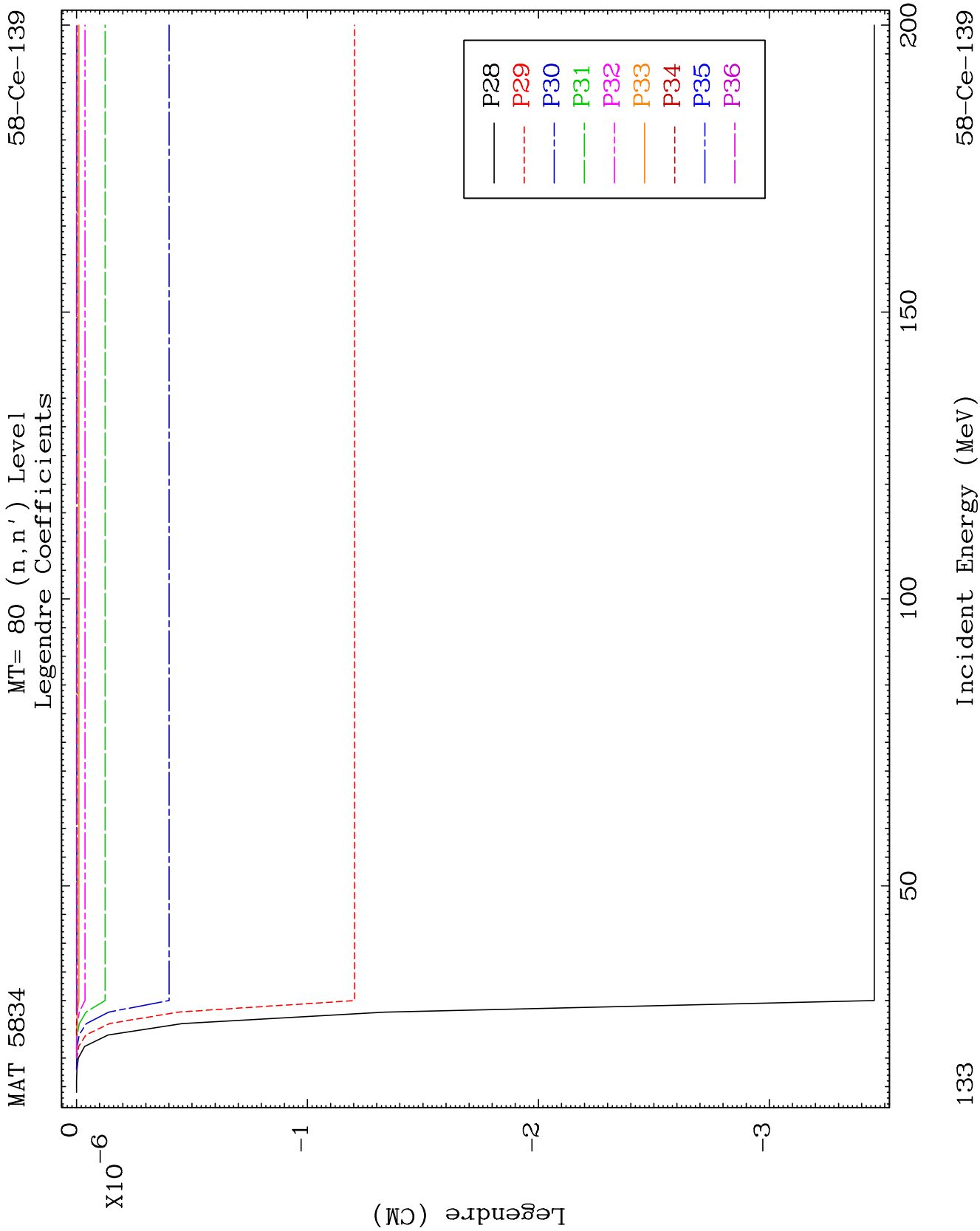
MAT 5834

MT= 80 (n, n') Level
Legendre Coefficients

58-Ce-139





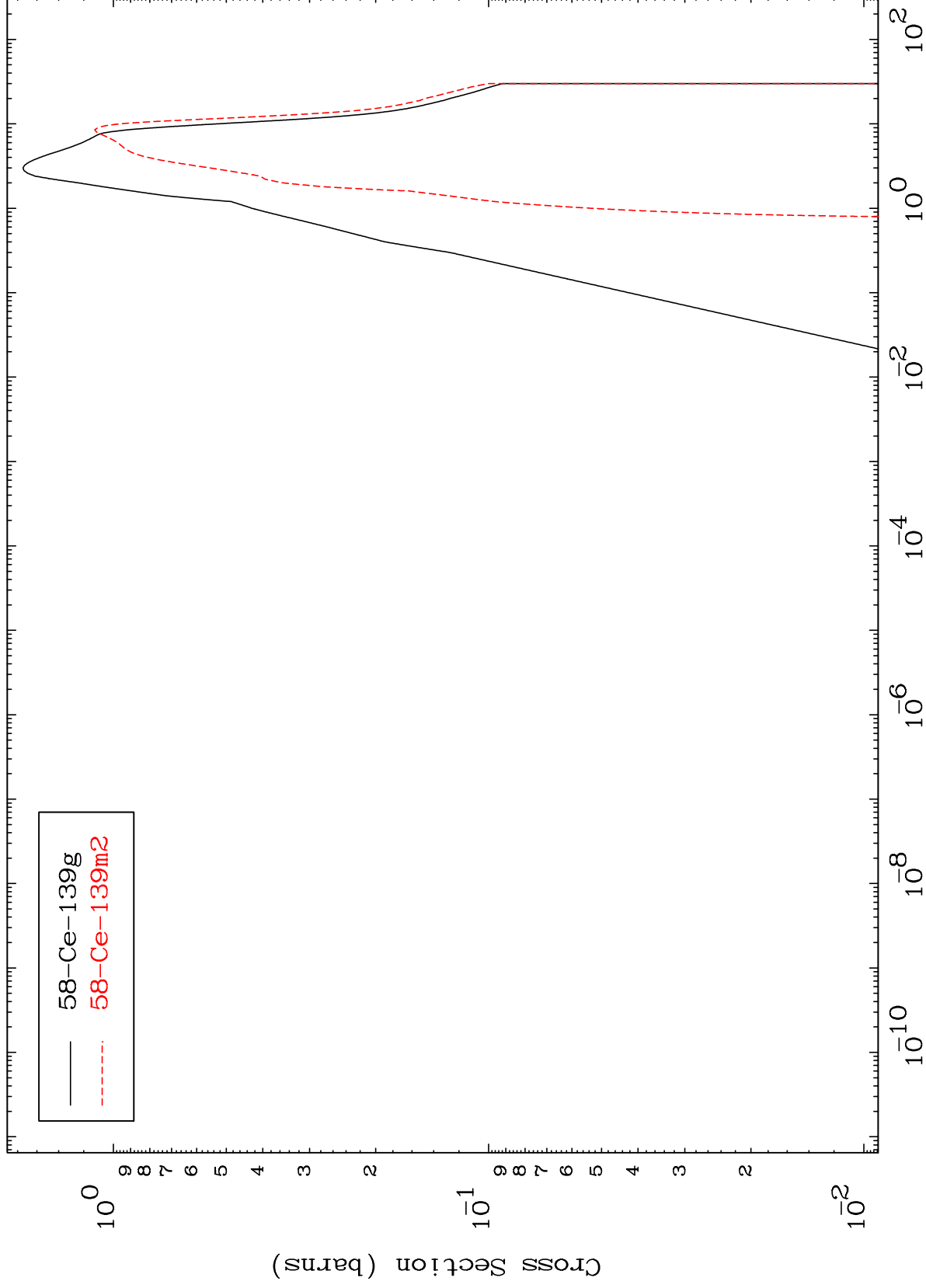


MAT 5834

Inelastic

58-Ce-139

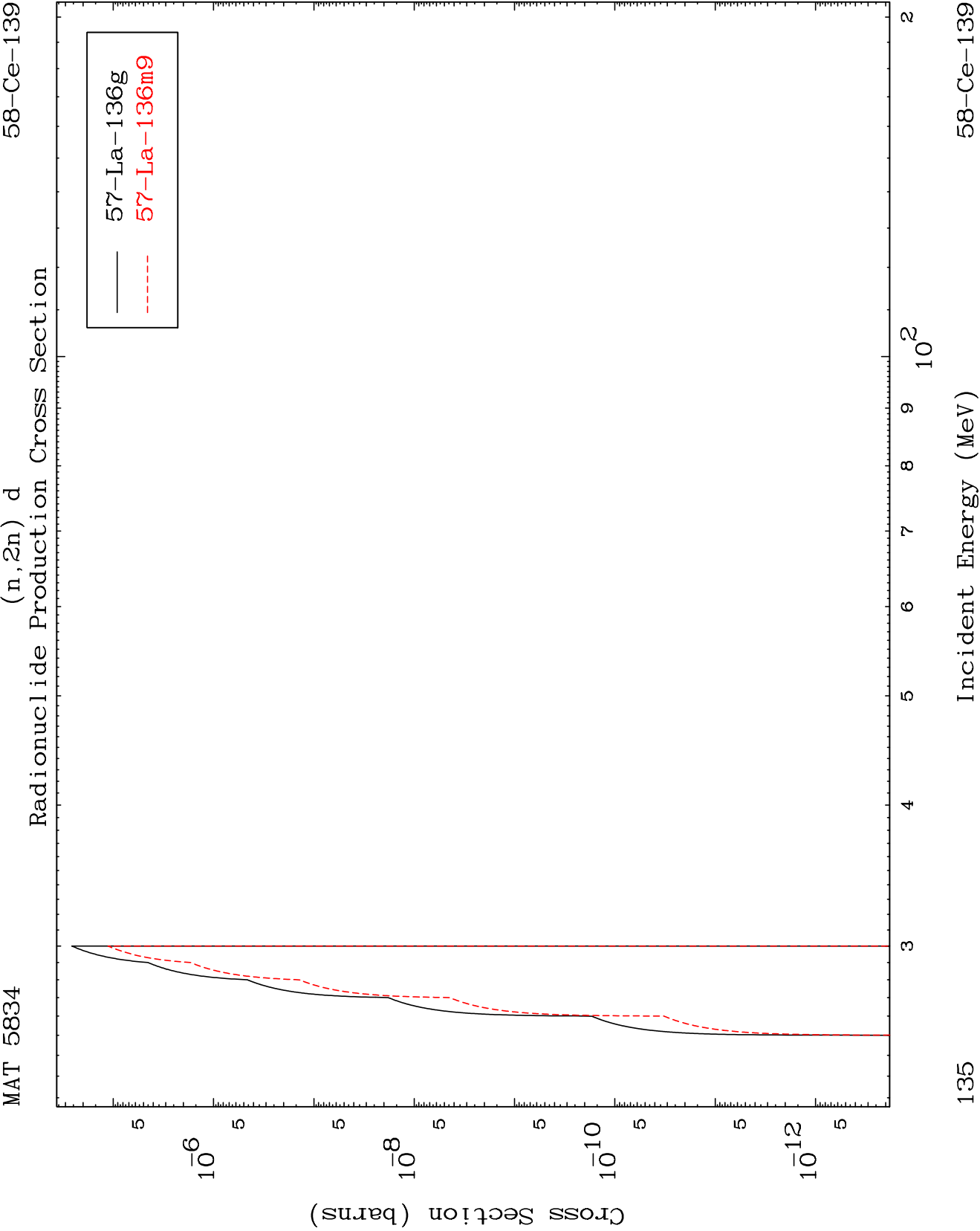
Radionuclide Production Cross Section



134

Incident Energy (MeV)

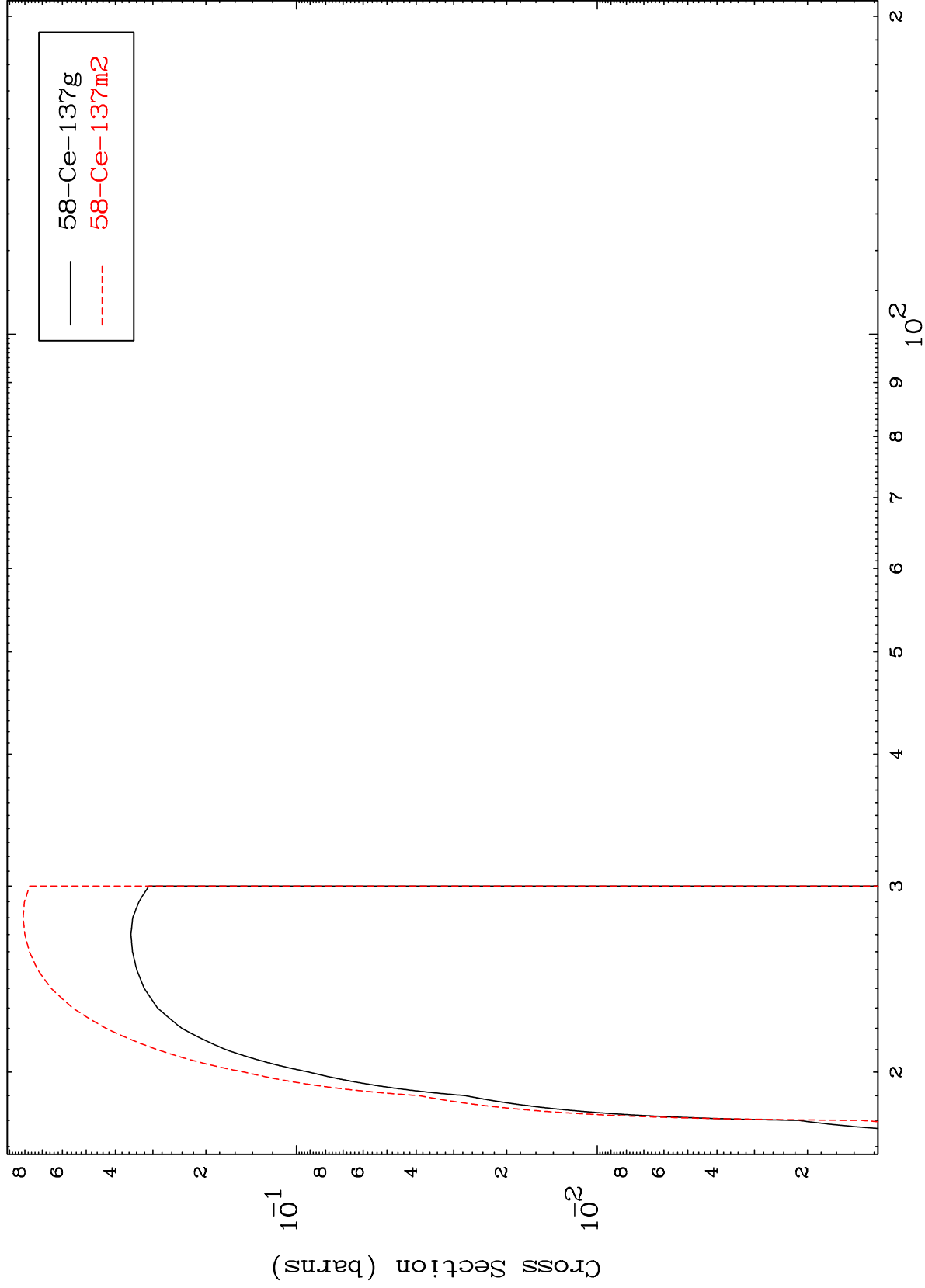
58-Ce-139



MAT 5834

58-Ce-139

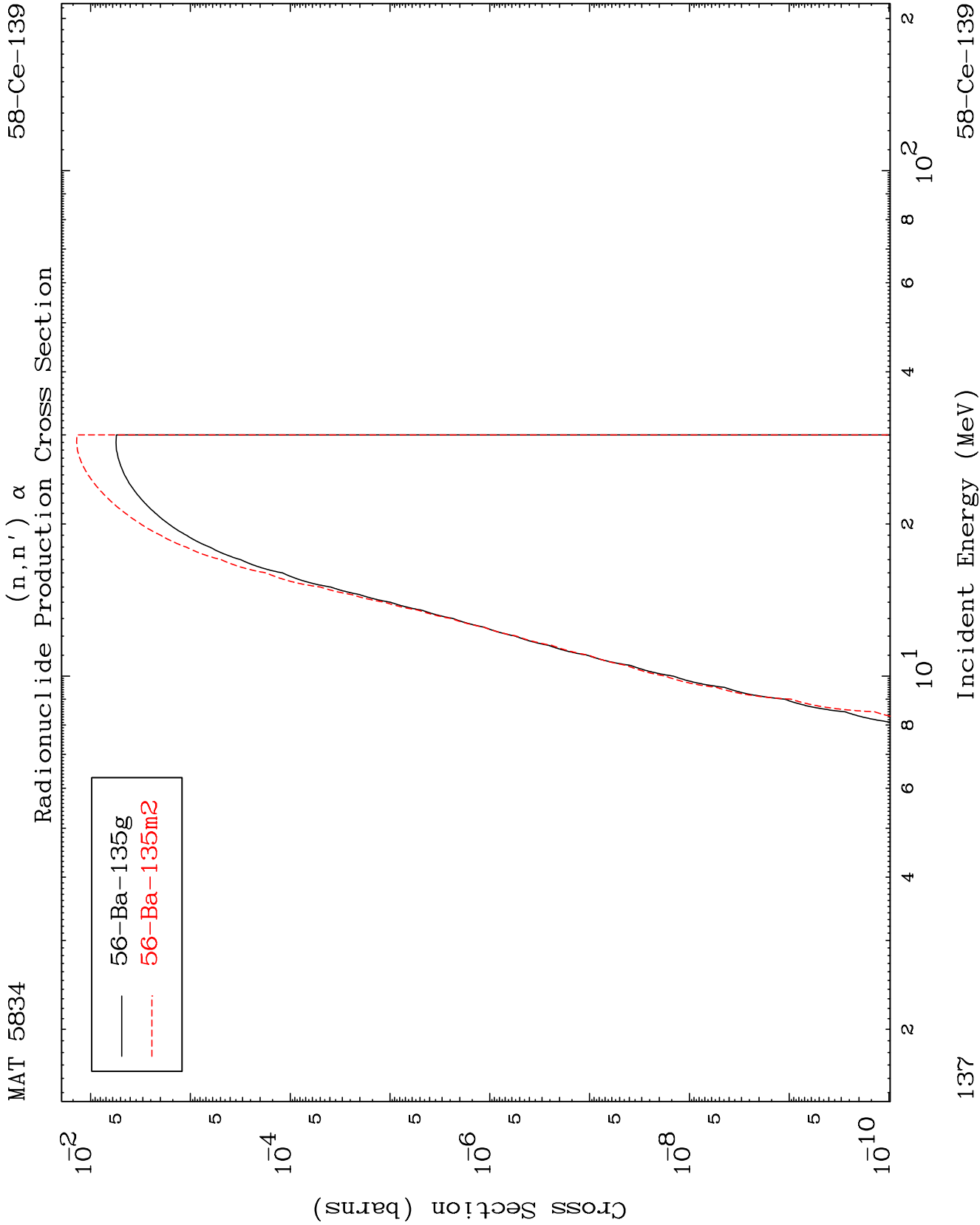
(n,3n)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

58-Ce-139

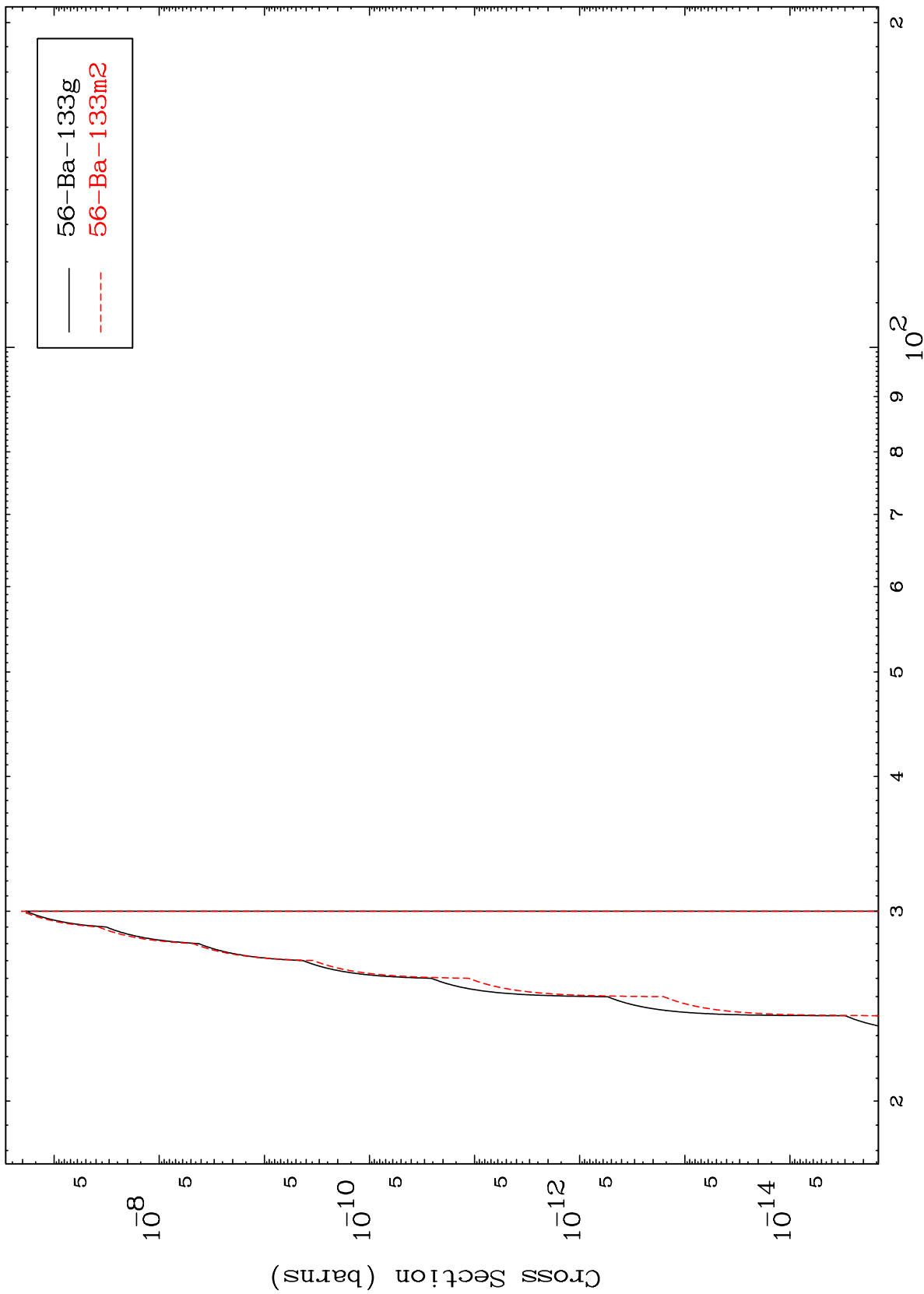


MAT 5834

(n,3n) α

58-Ce-139

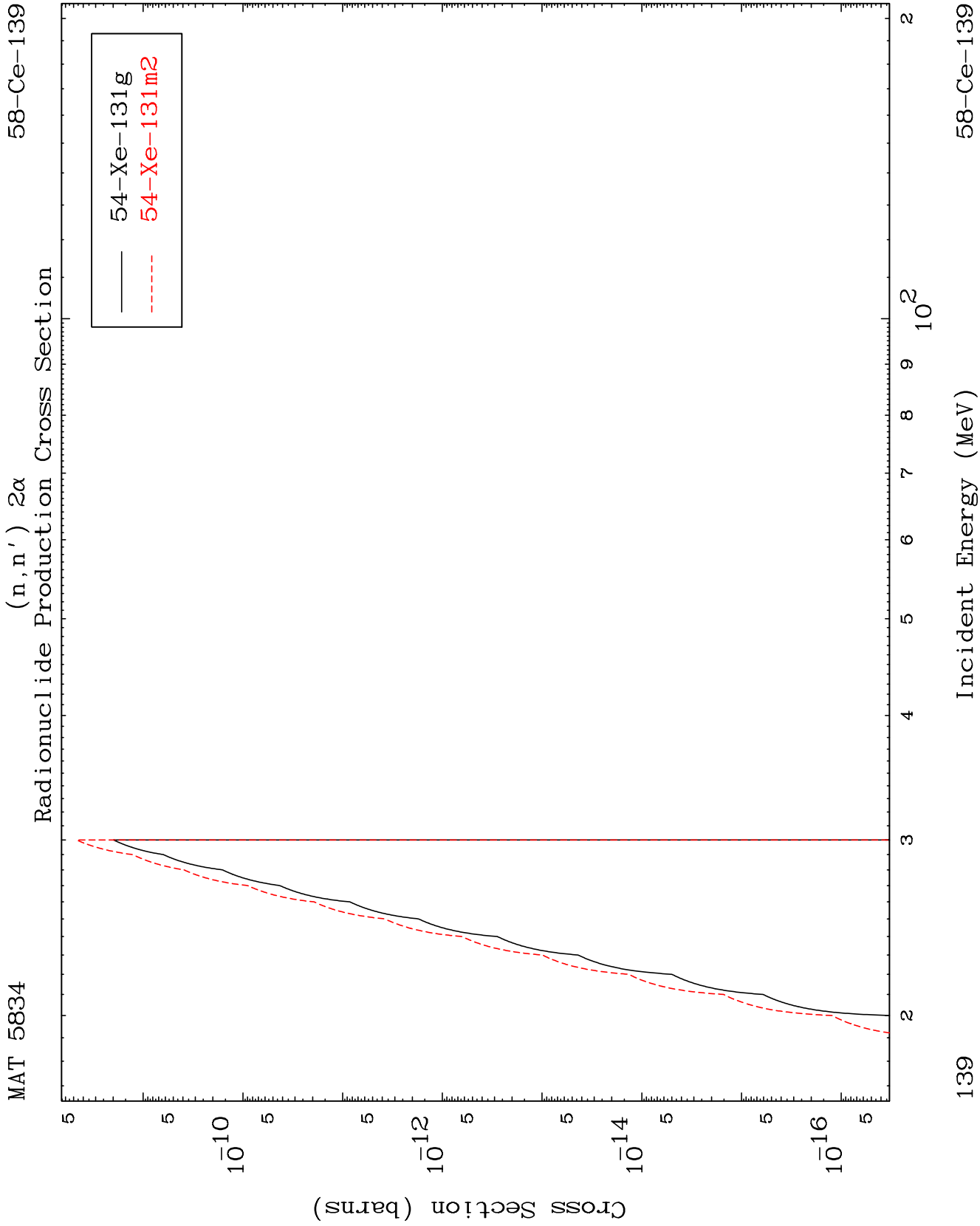
Radionuclide Production Cross Section



138

Incident Energy (MeV)

58-Ce-139

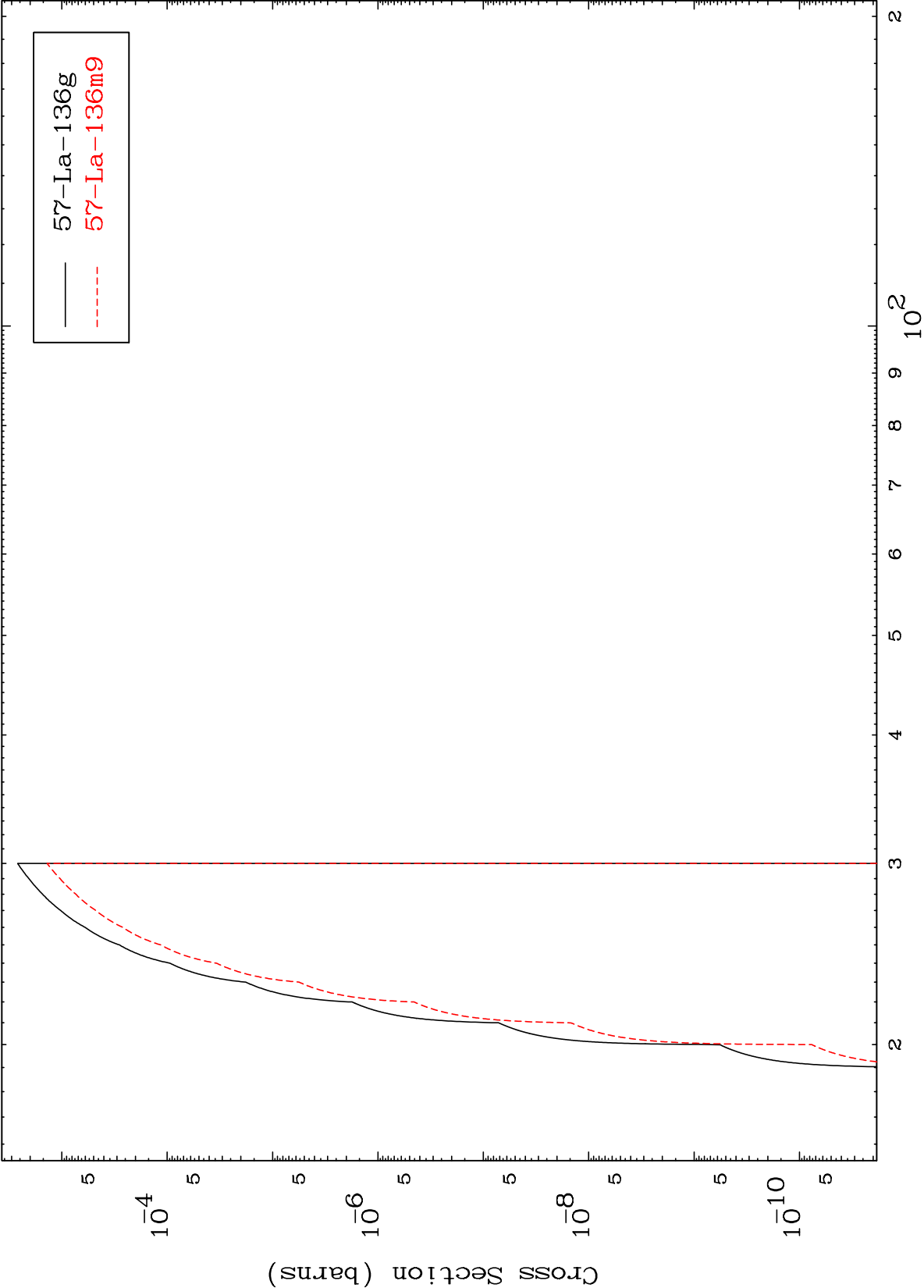


MAT 5834

(n,n') t

58-Ce-139

Radionuclide Production Cross Section



140

Incident Energy (MeV)

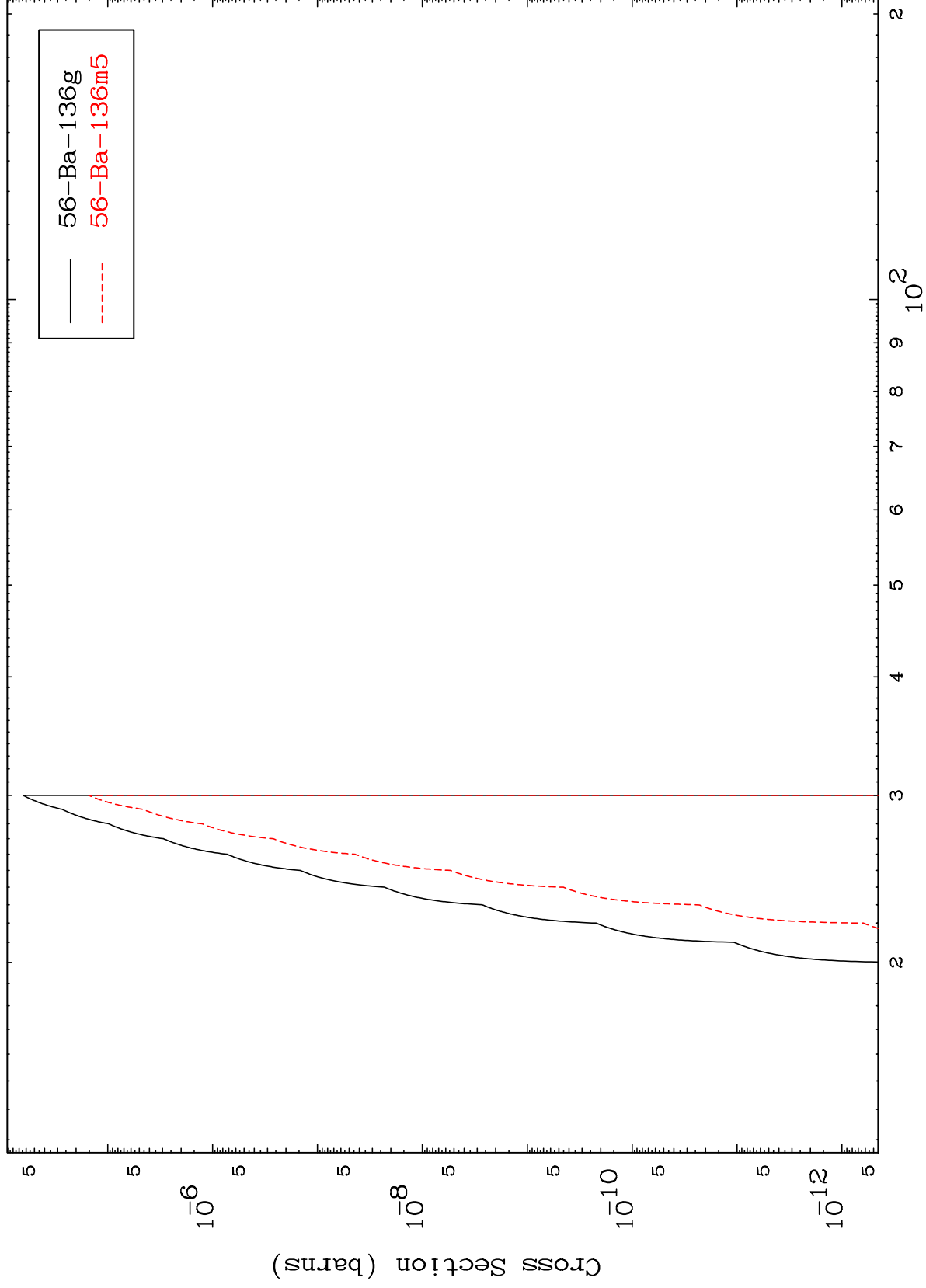
58-Ce-139

MAT 5834

(n,n') He-3

58-Ce-139

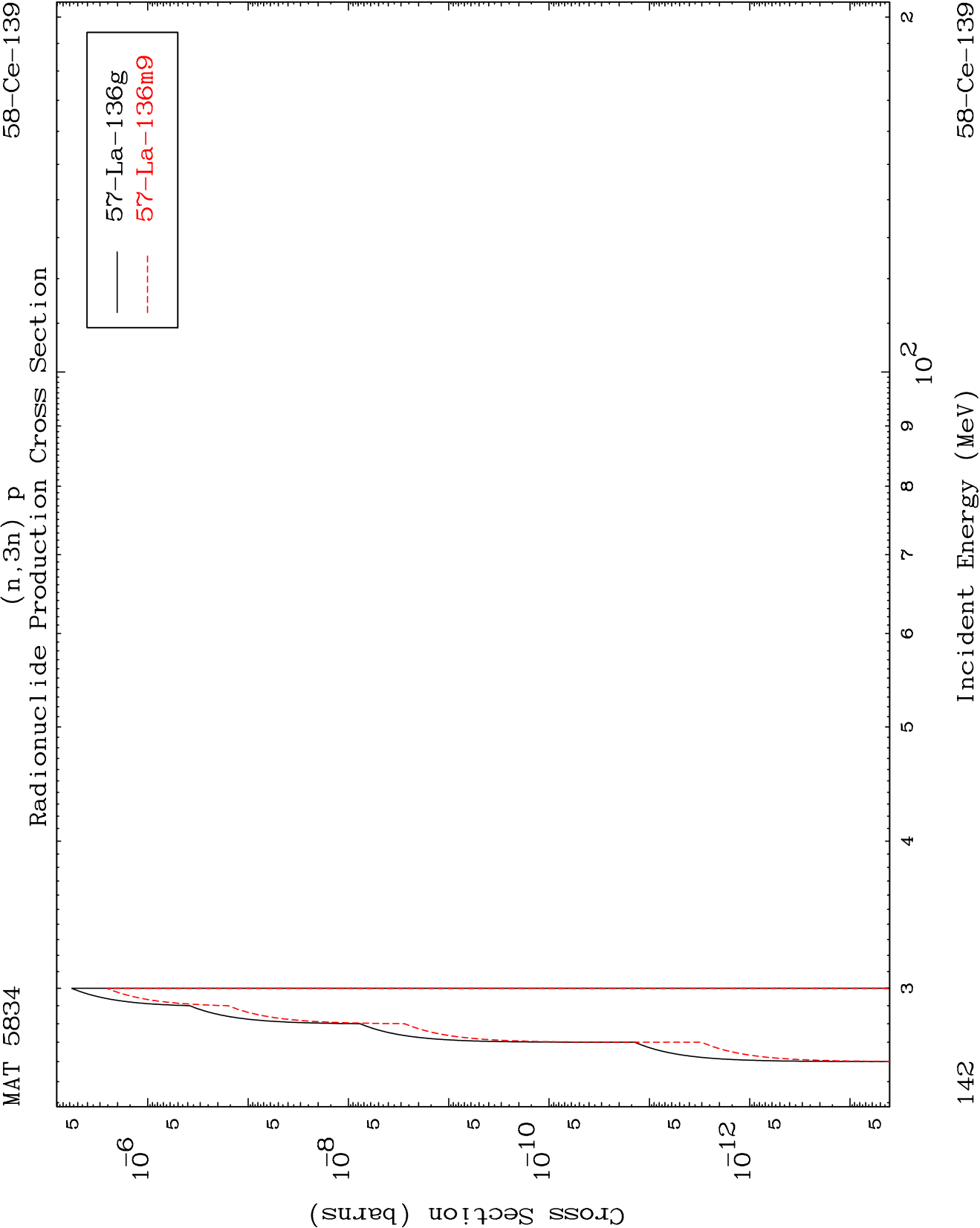
Radionuclide Production Cross Section



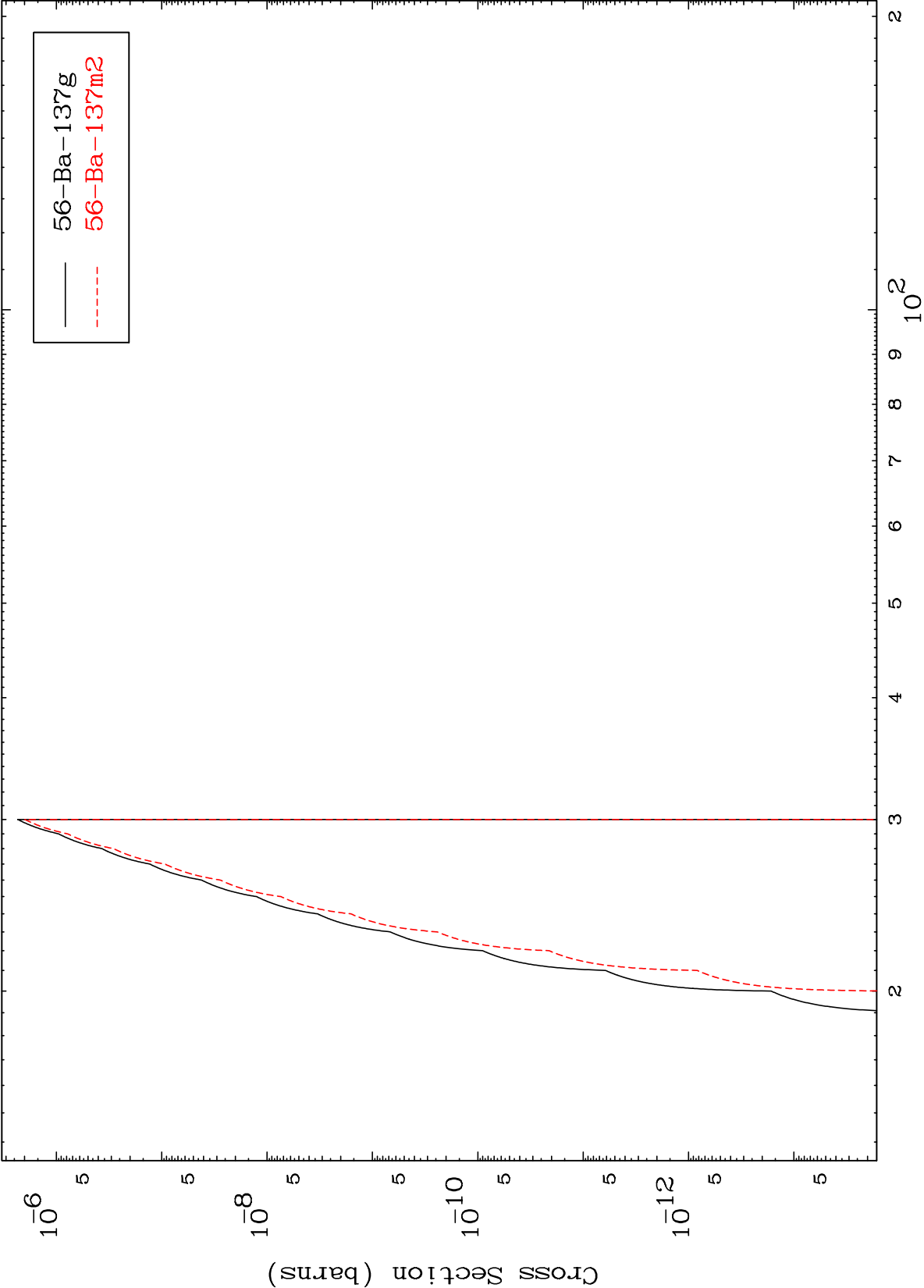
141

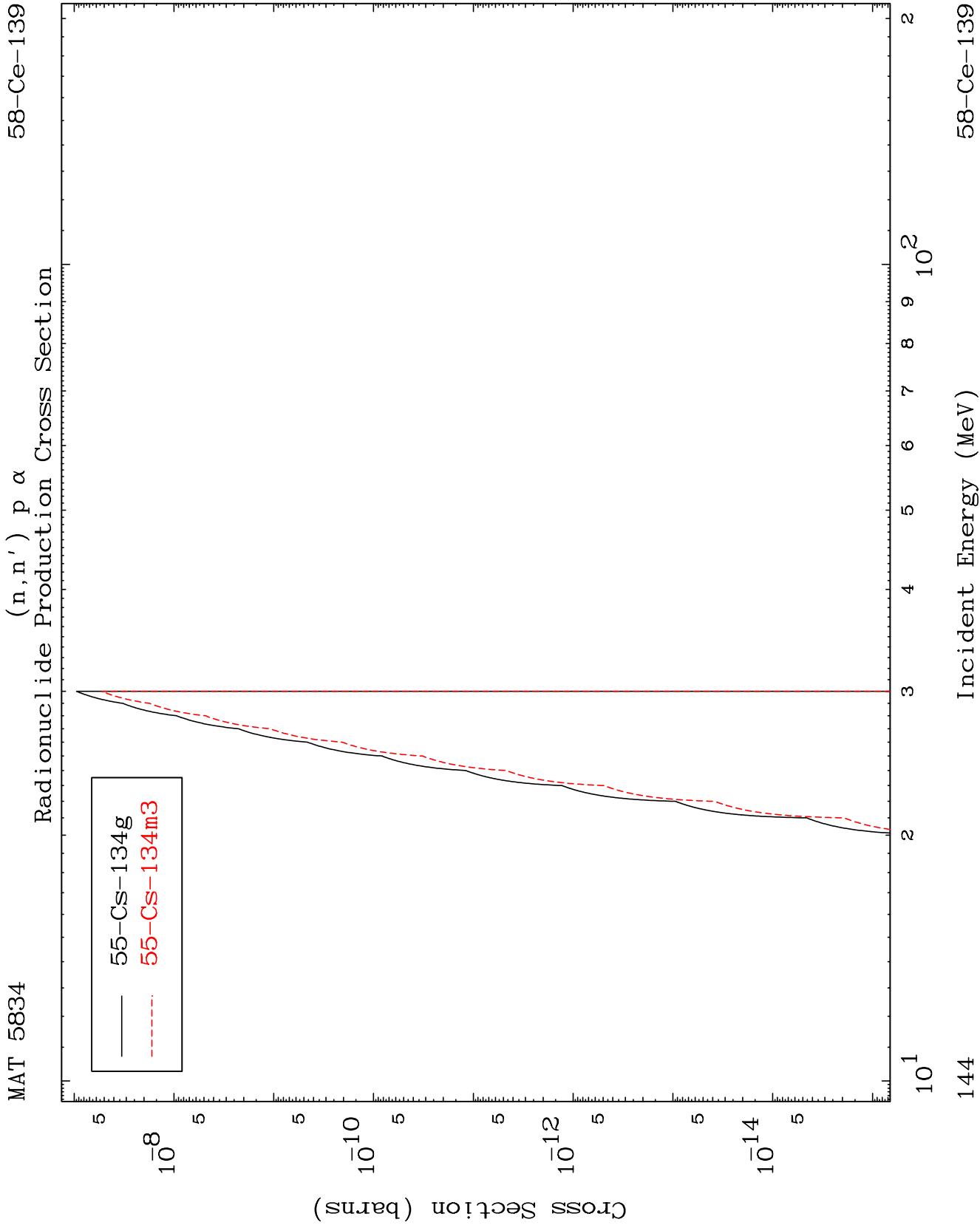
Incident Energy (MeV)

58-Ce-139



(n,2n) p
Radionuclide Production Cross Section

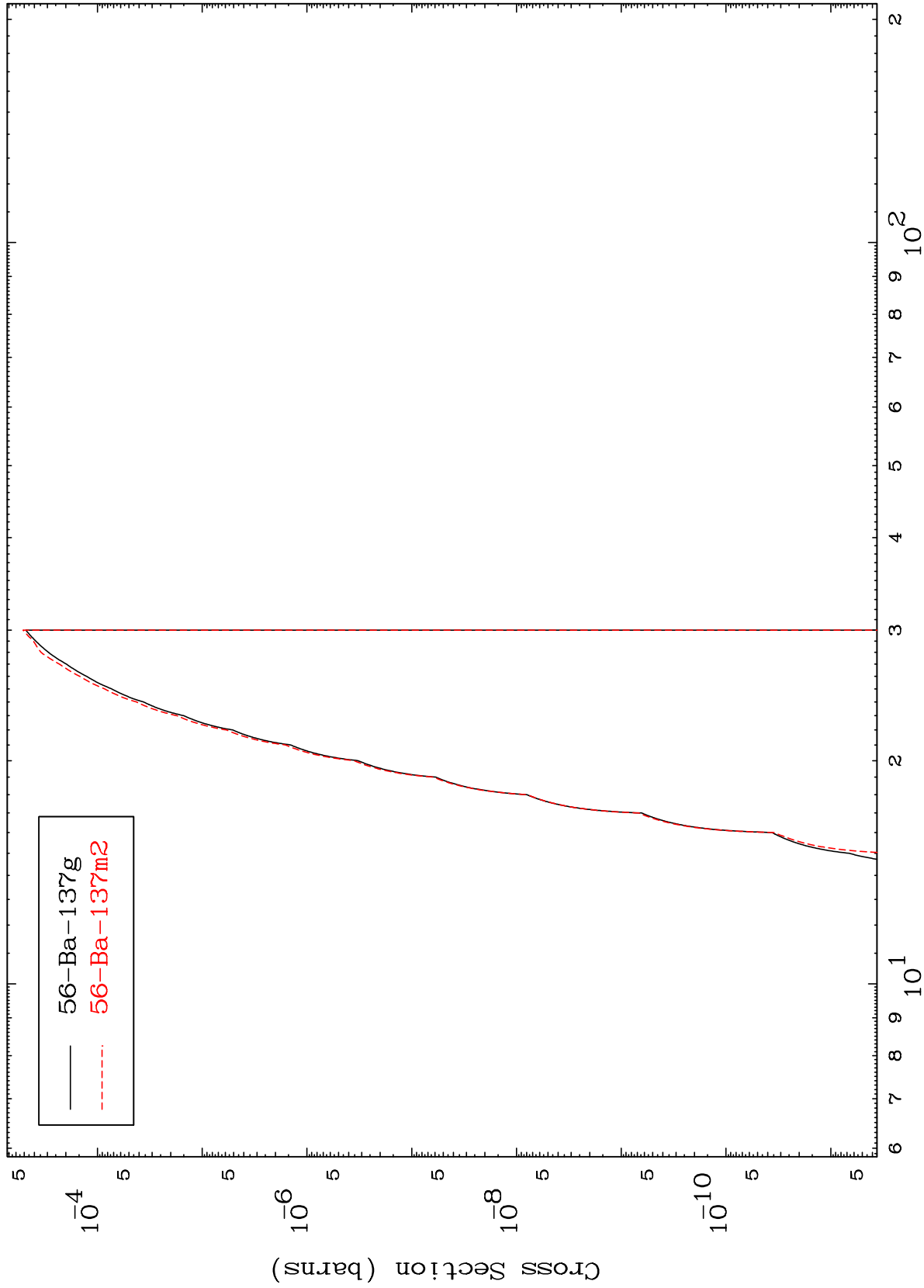




MAT 5834

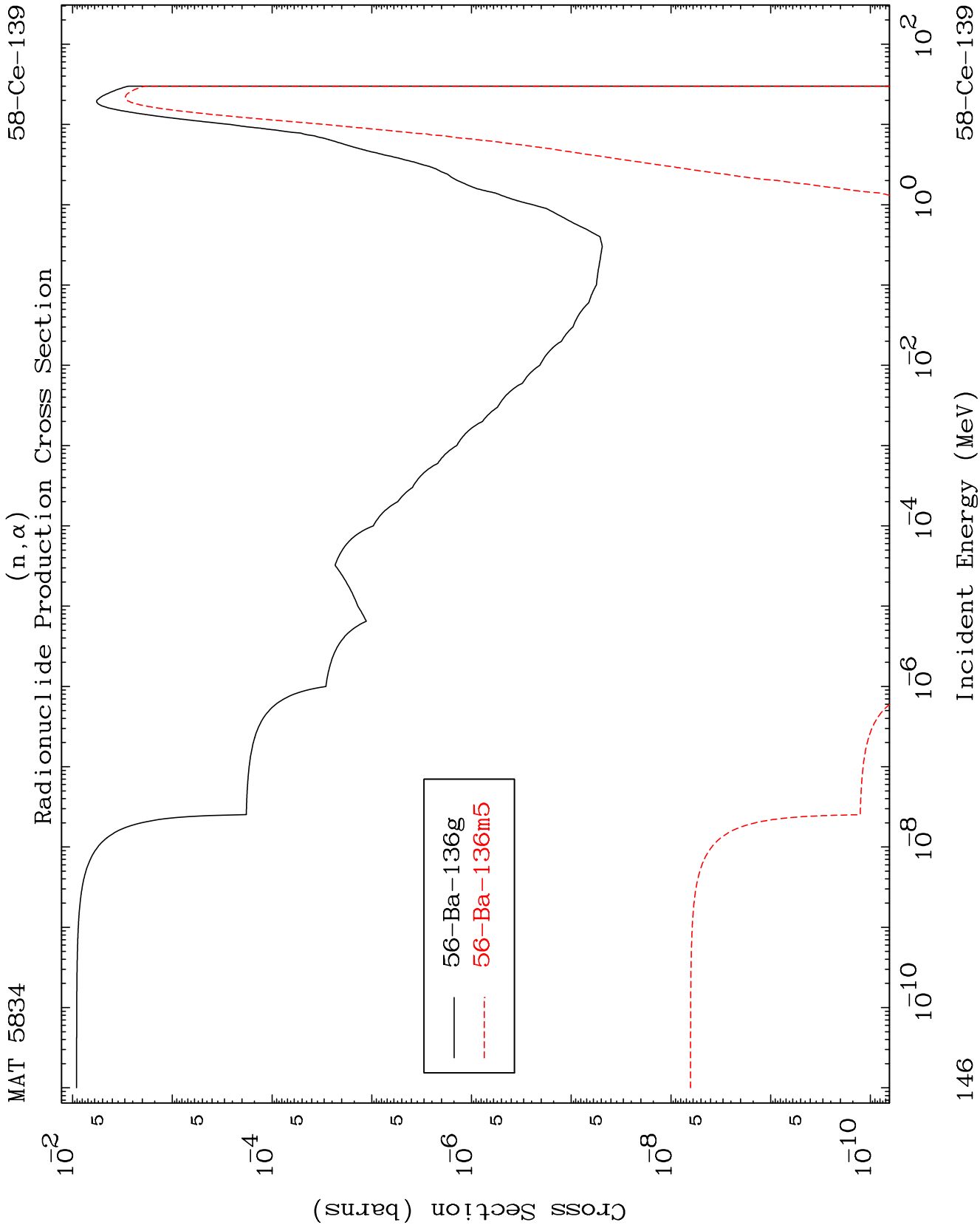
58-Ce-139

Radionuclide Production Cross Section



145

58-Ce-139

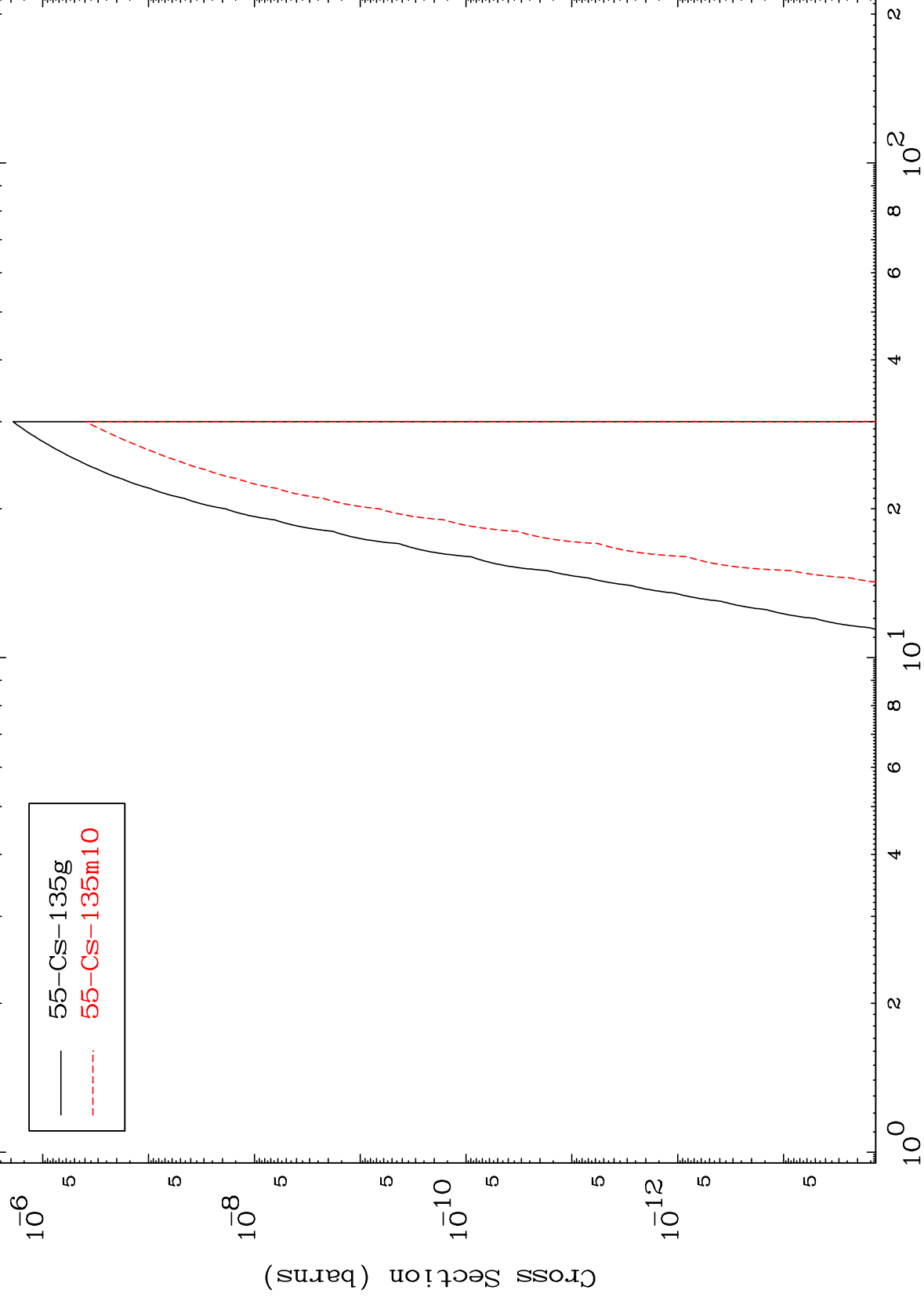


MAT 5834

(n,p) α

58-Ce-139

Radionuclide Production Cross Section



Incident Energy (MeV)

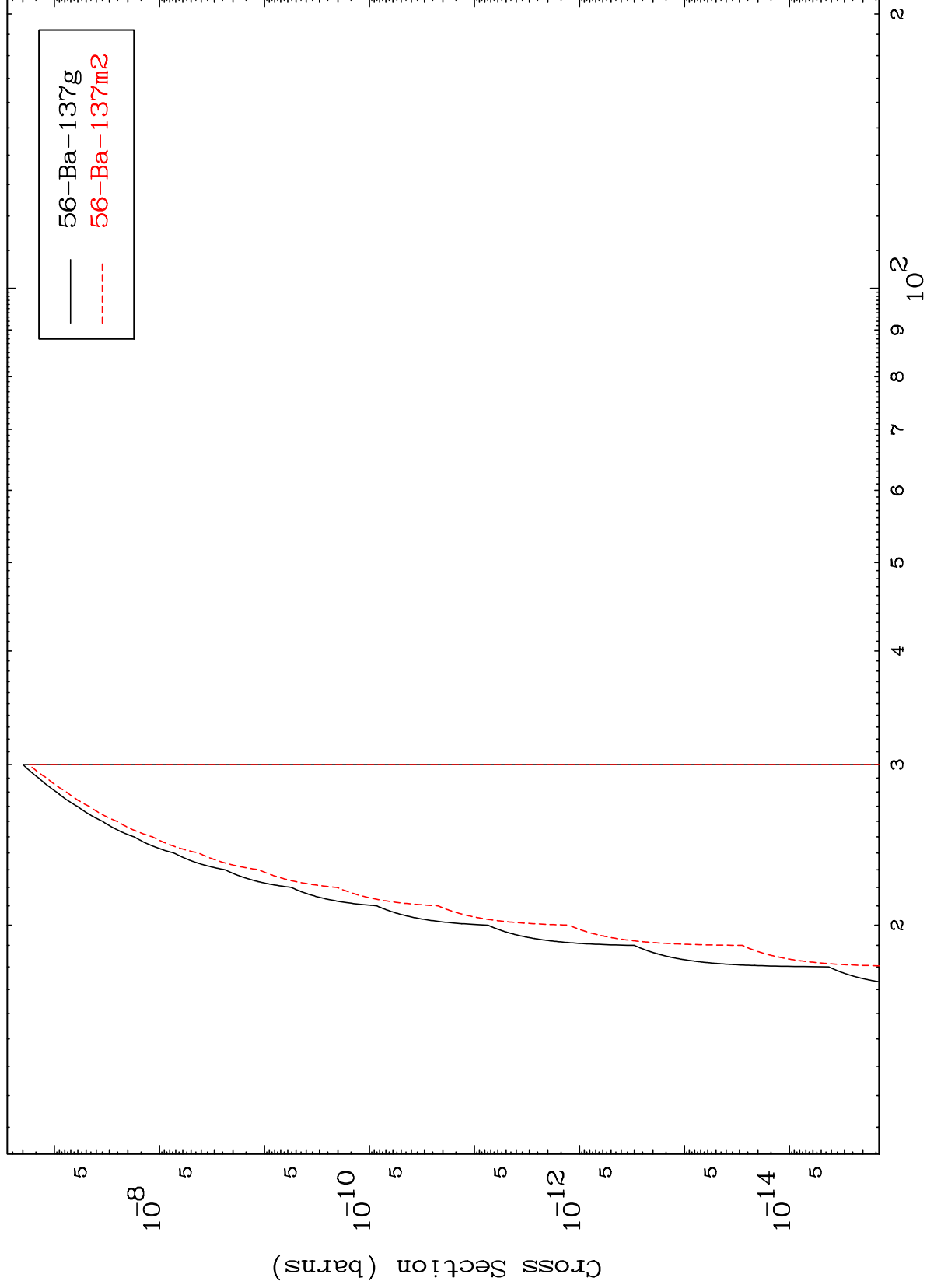
58-Ce-139

147

MAT 5834

58-Ce-139

(n,p) d
Radionuclide Production Cross Section



148

Incident Energy (MeV)

58-Ce-139

Radionuclide Production Cross Section

