

Program EVALPLOT
(Version 2021-1)

by

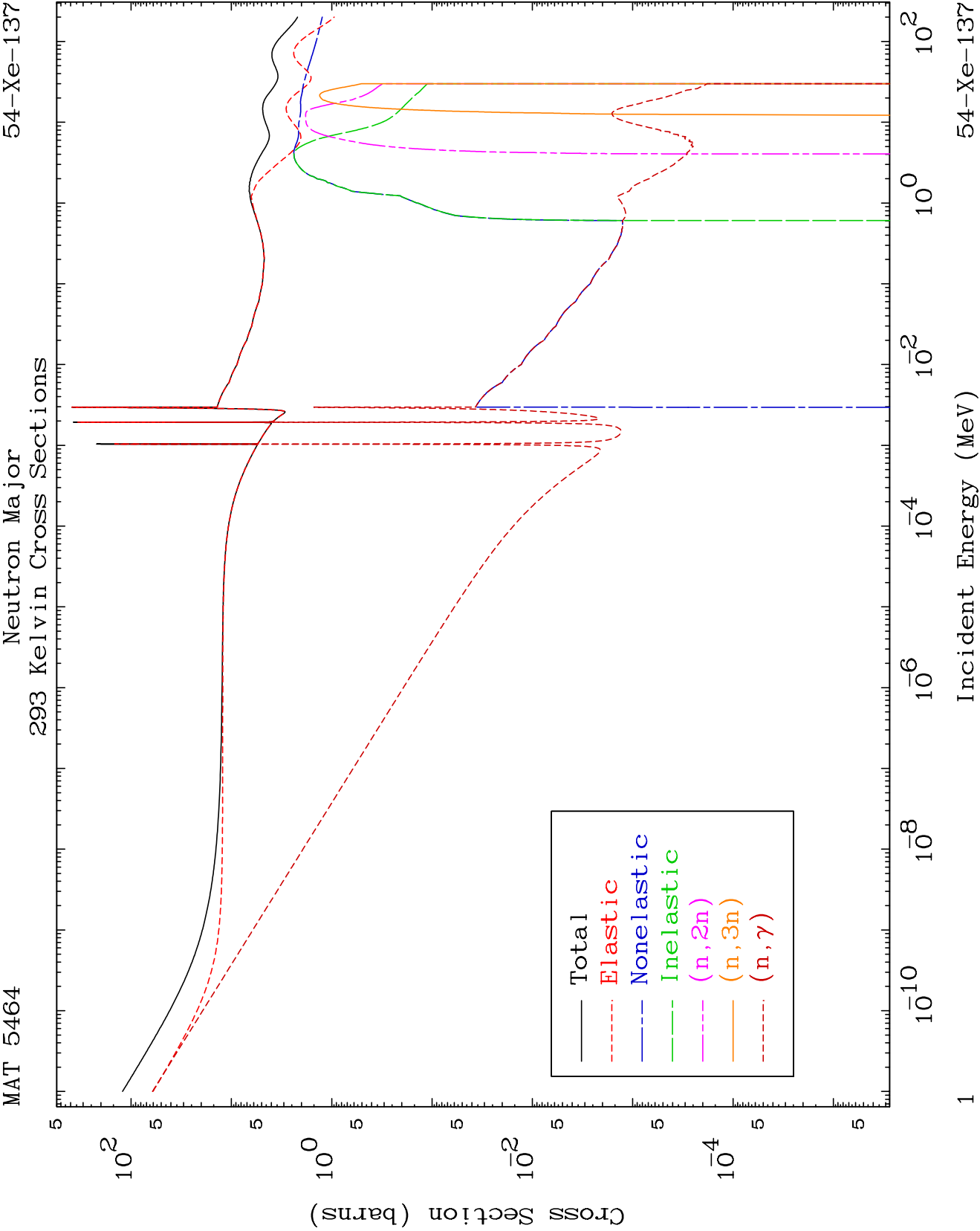
Dermott E. Cullen
(Present Contact Information)

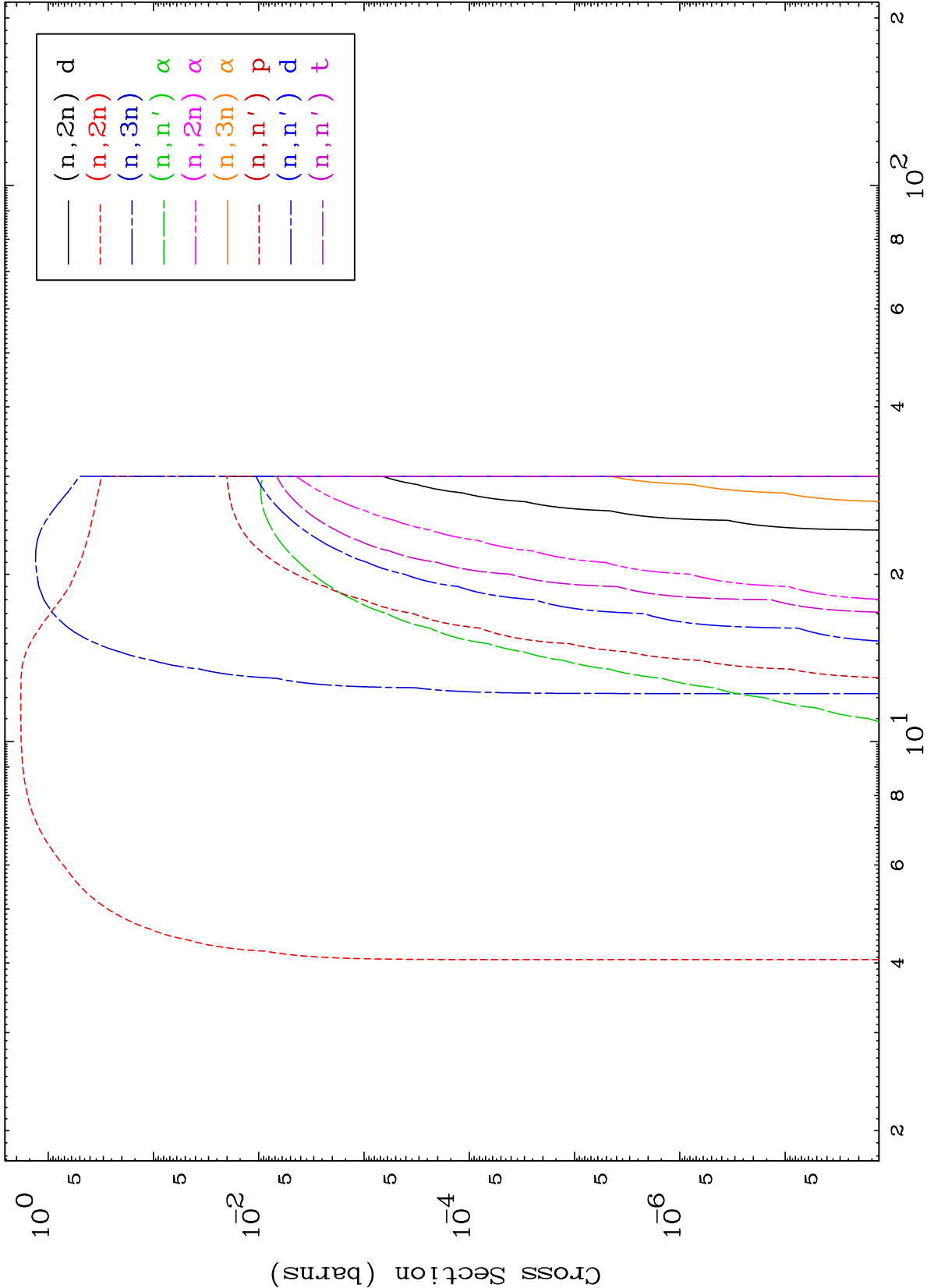
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

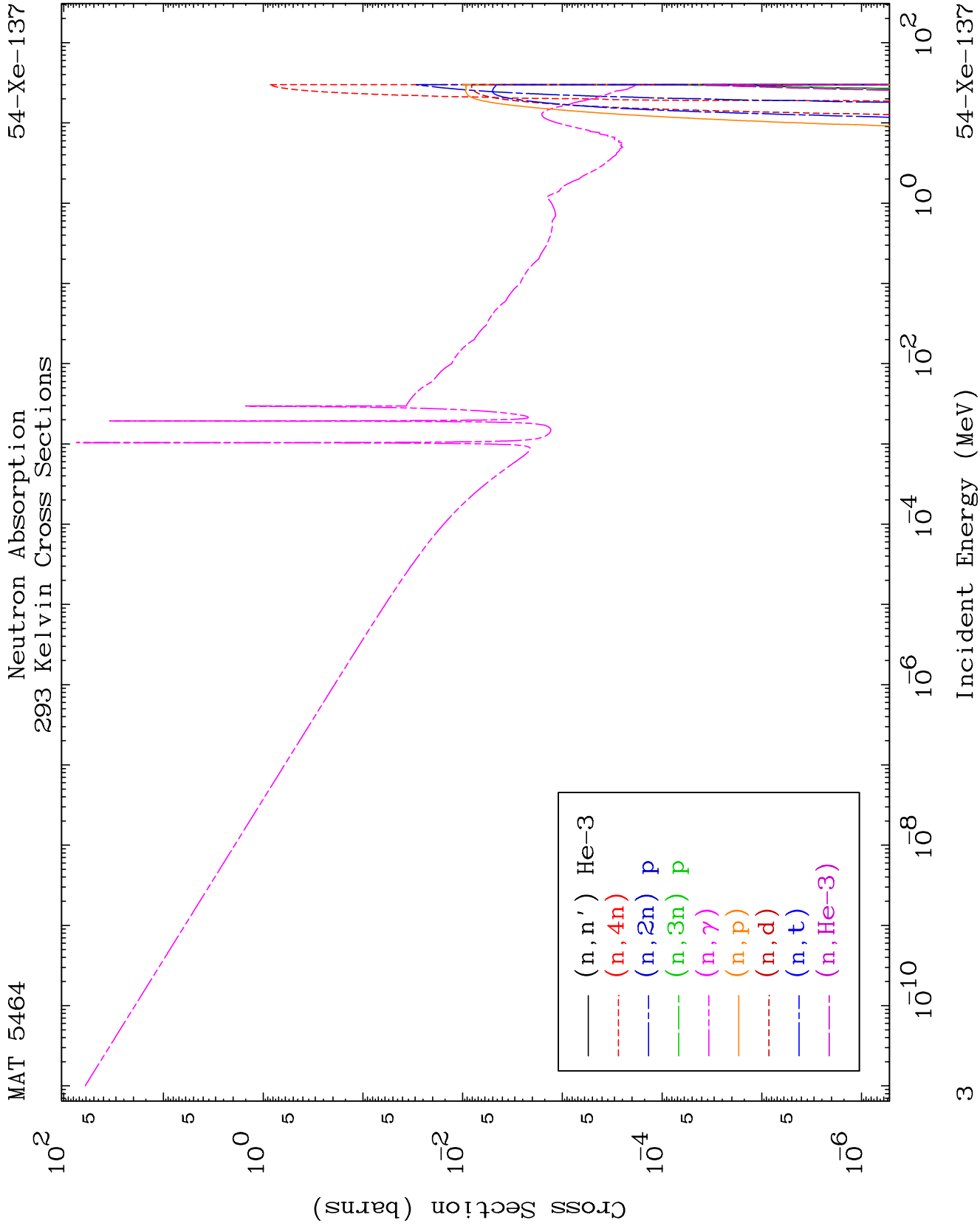
Tele: 925-443-1911

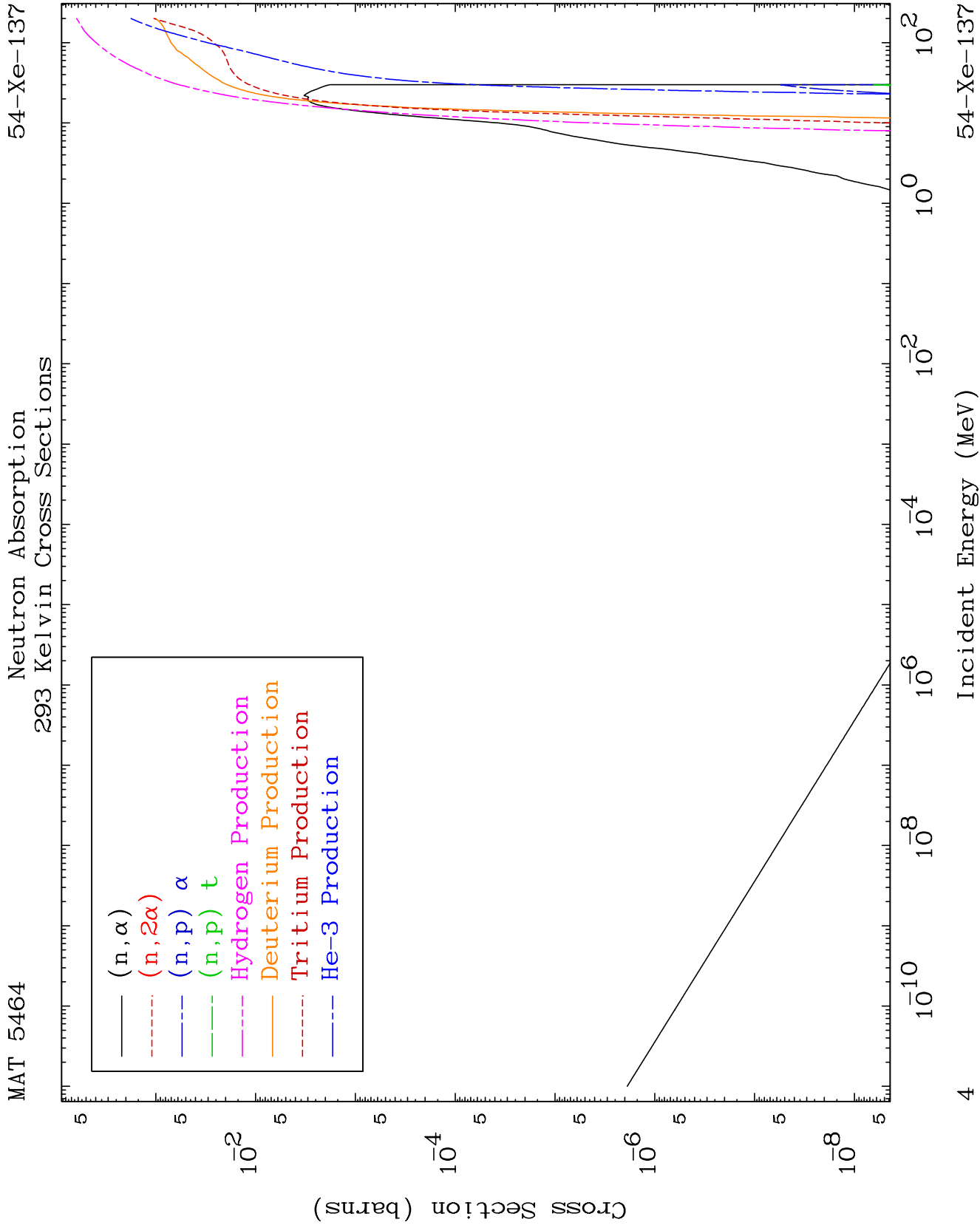
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

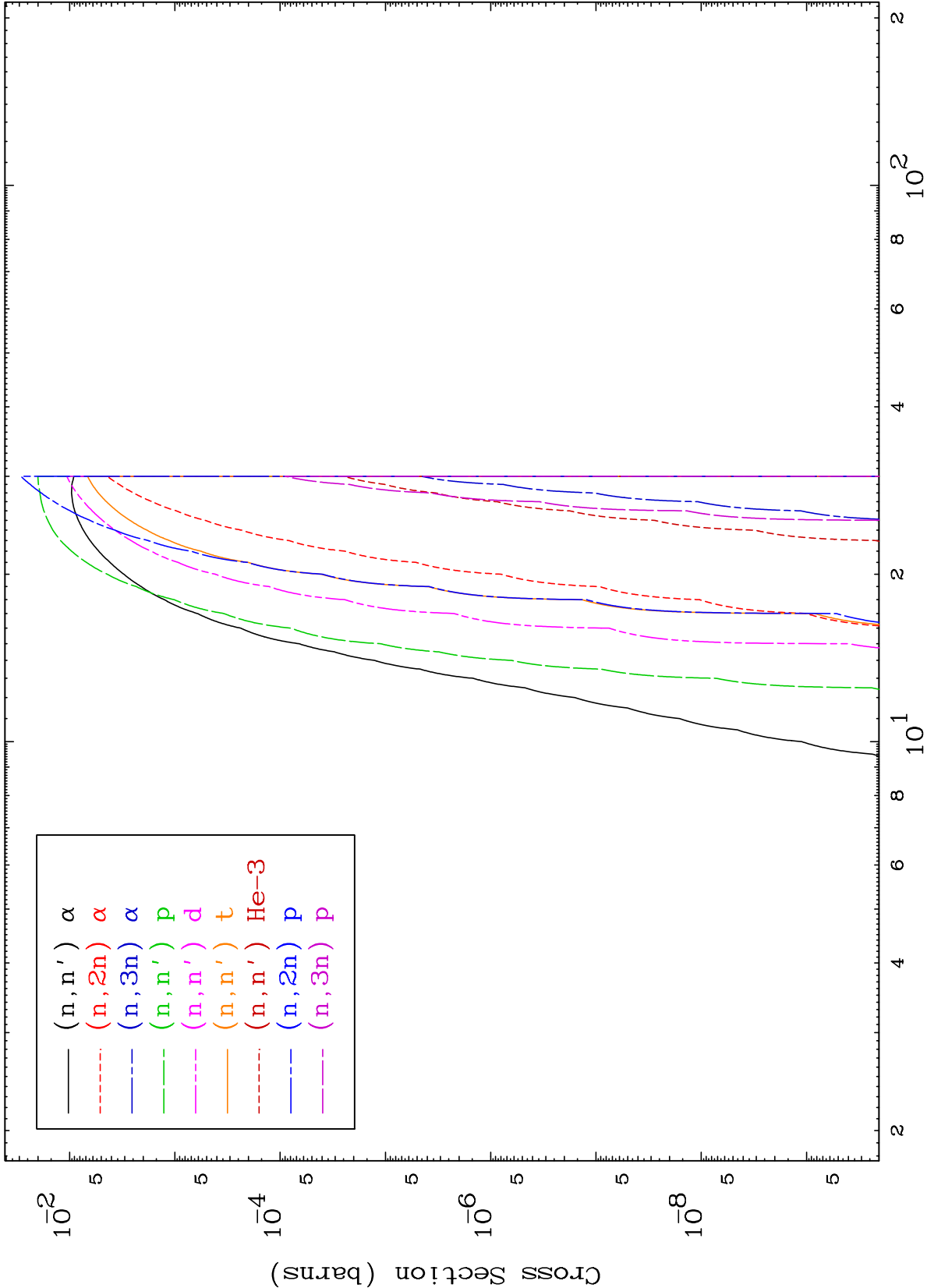
Press Mouse Button to Start

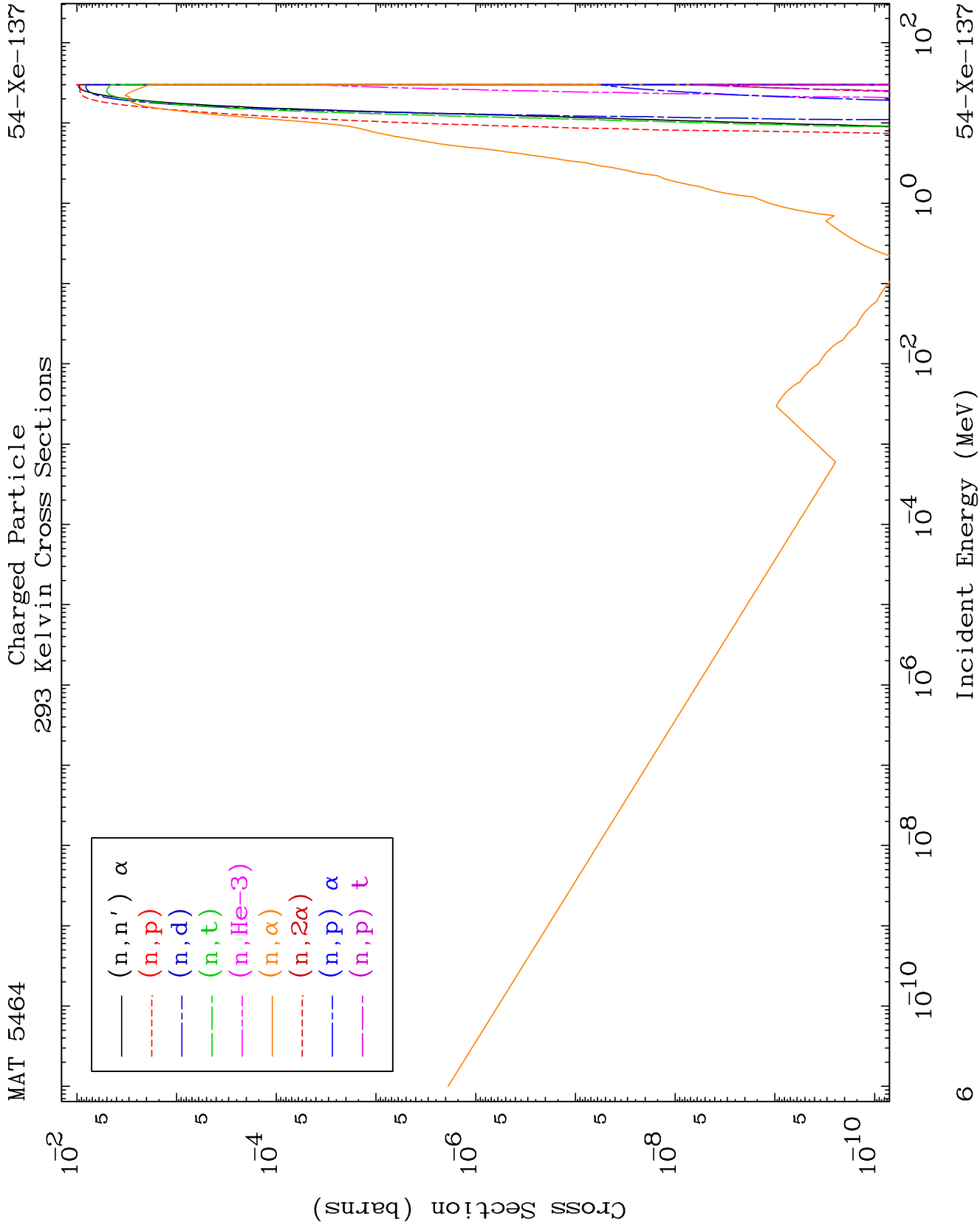








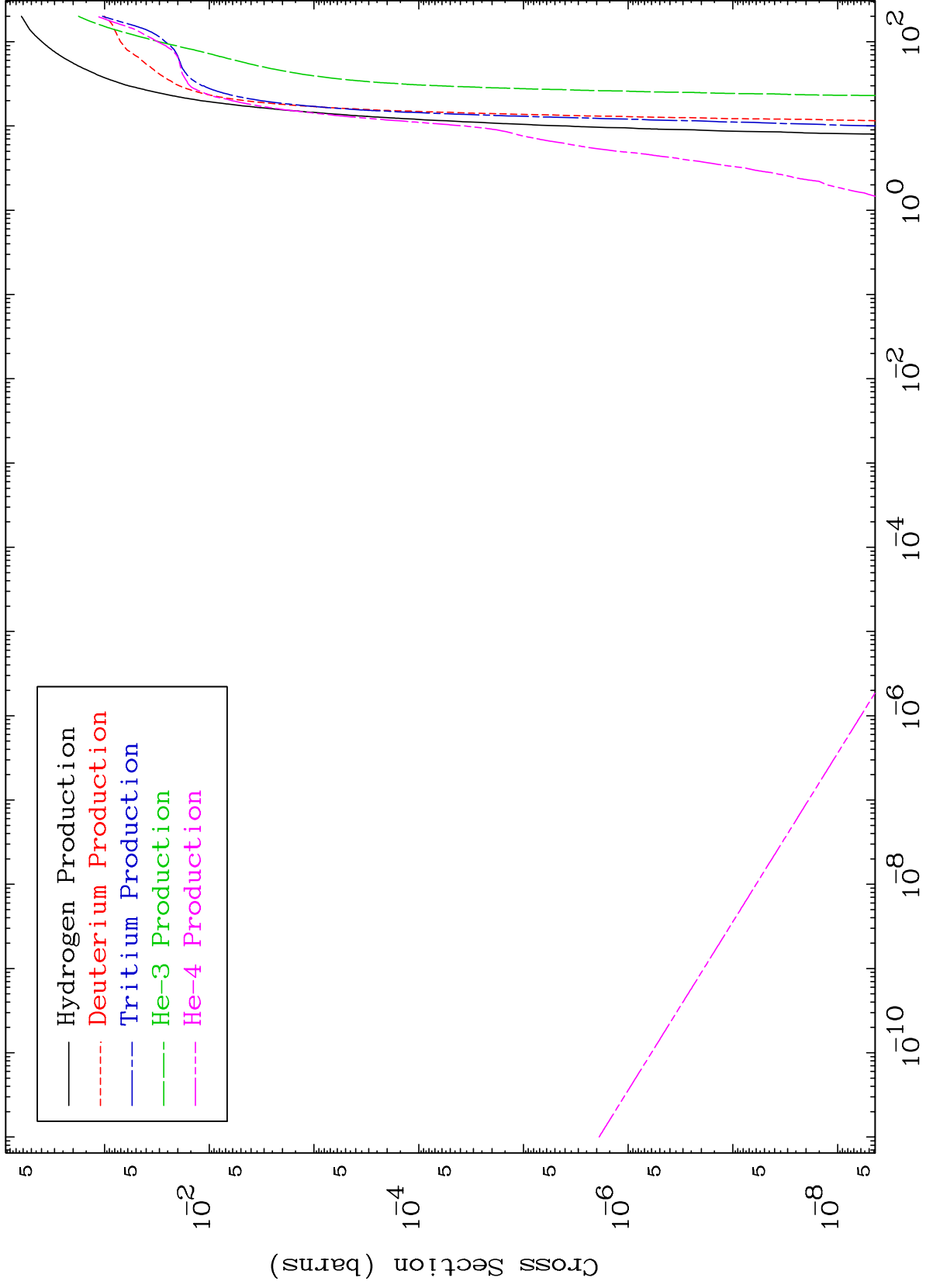




MAT 5464

Particle Production
293 Kelvin Cross Sections

54-Xe-137

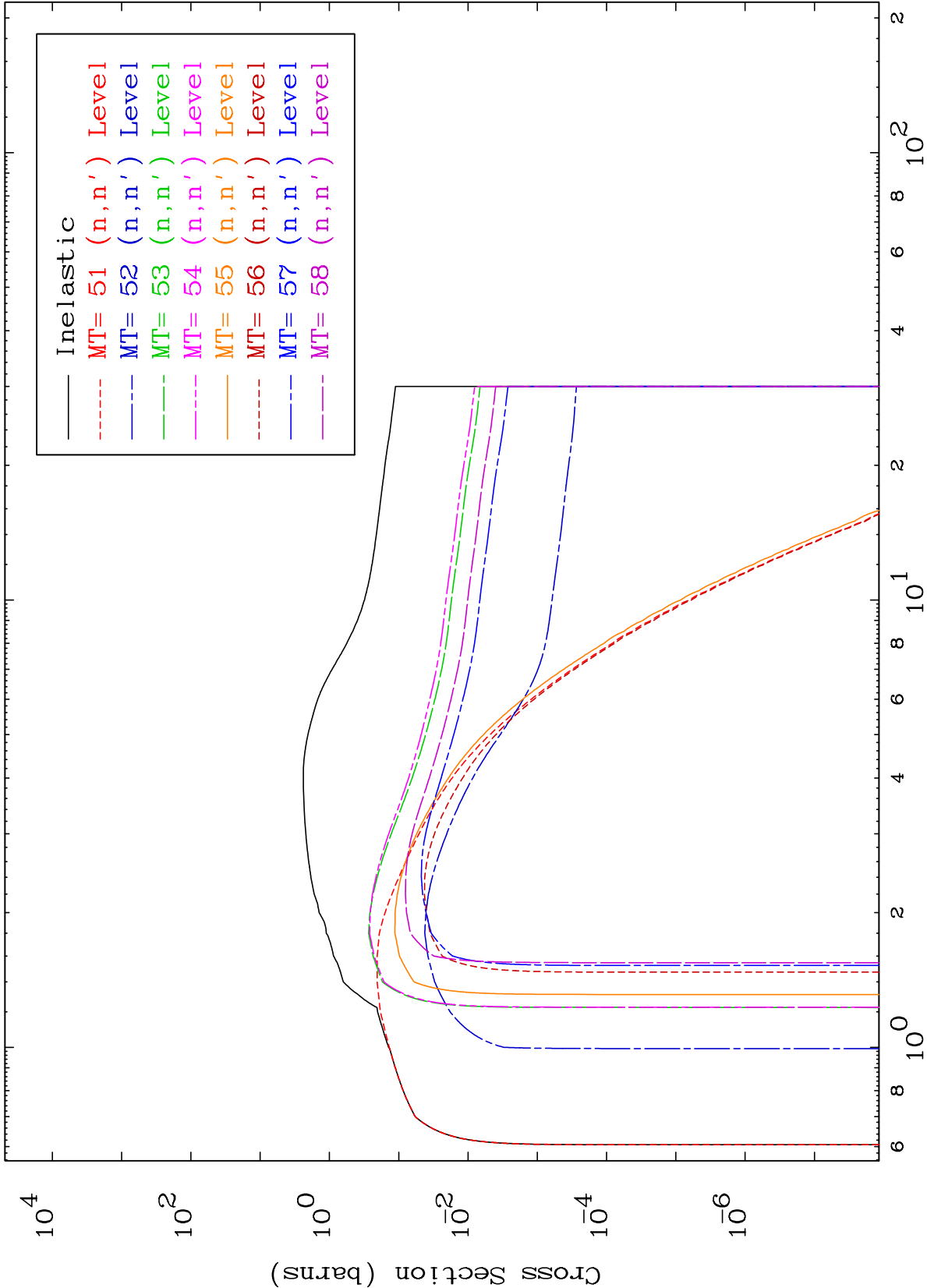


MAT 5464

(n,n') Levels

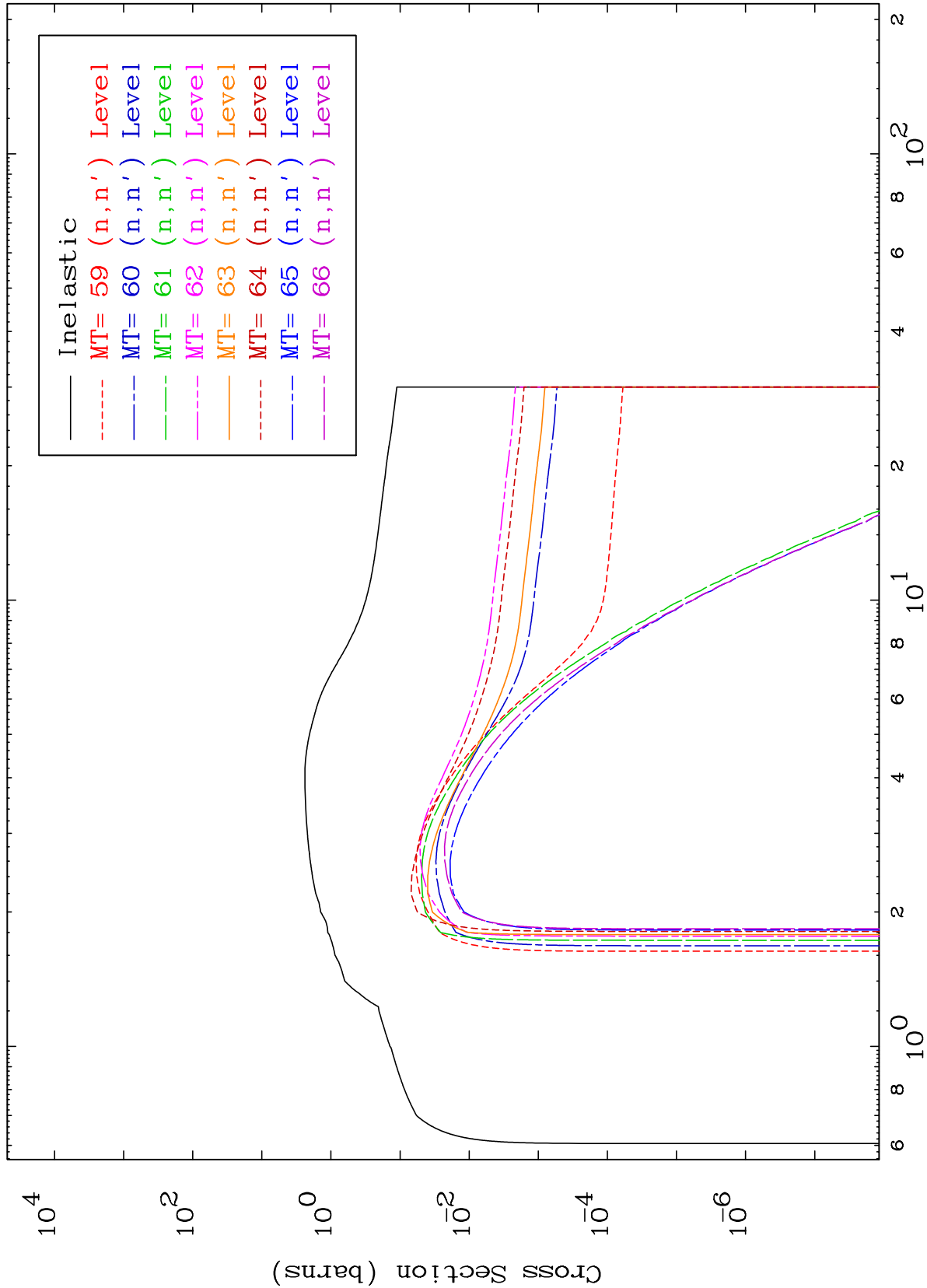
293 Kelvin Cross Sections

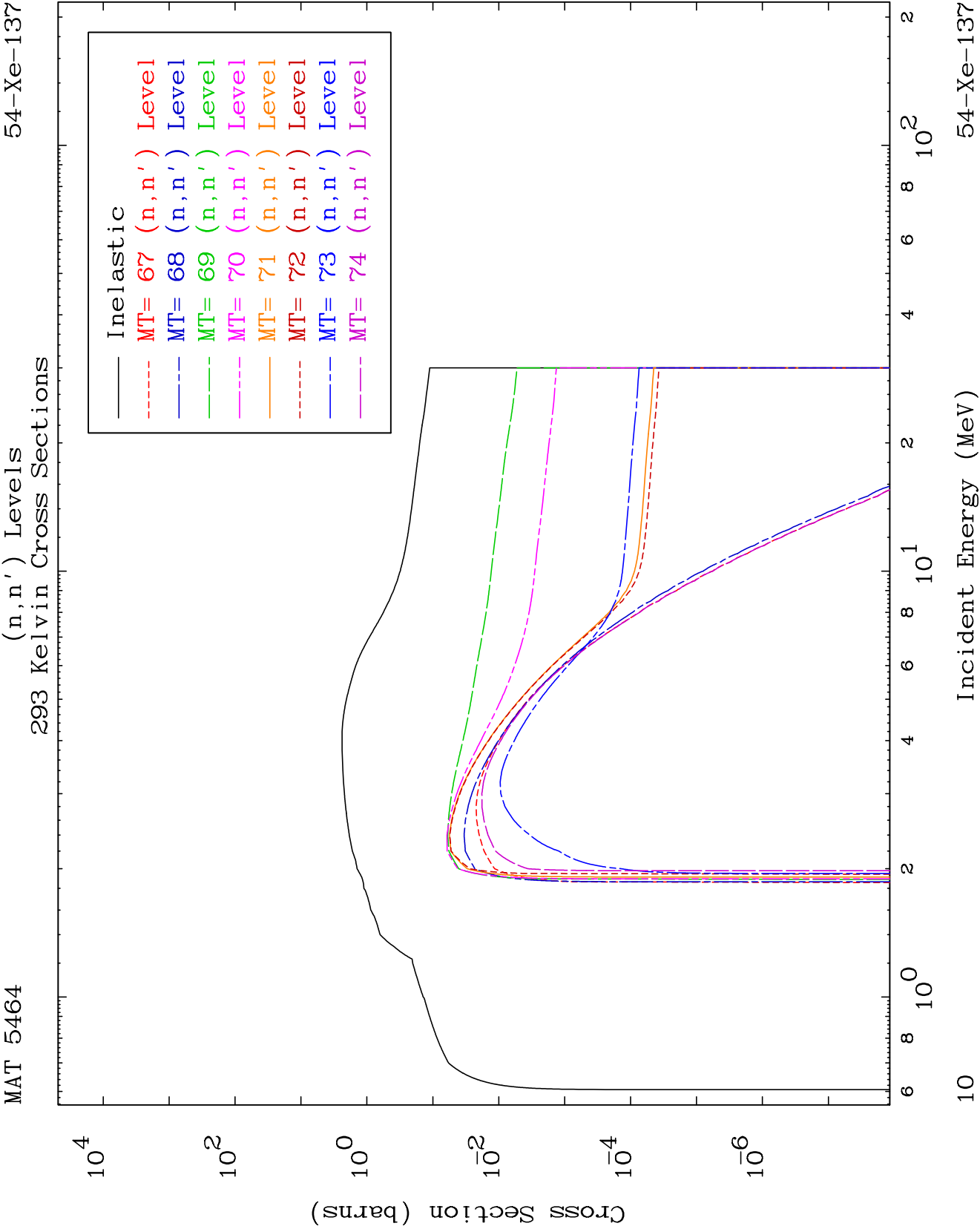
54-Xe-137

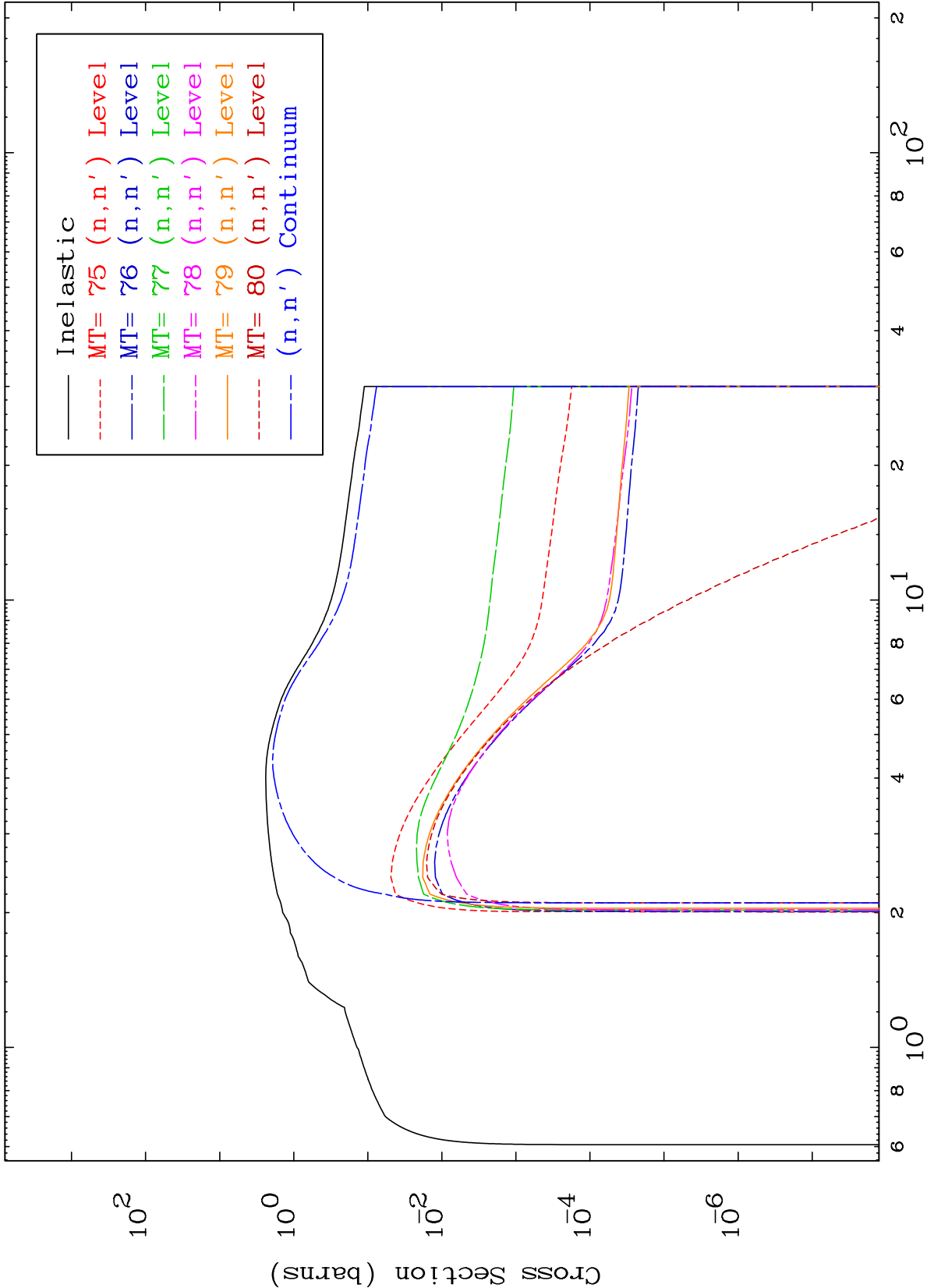


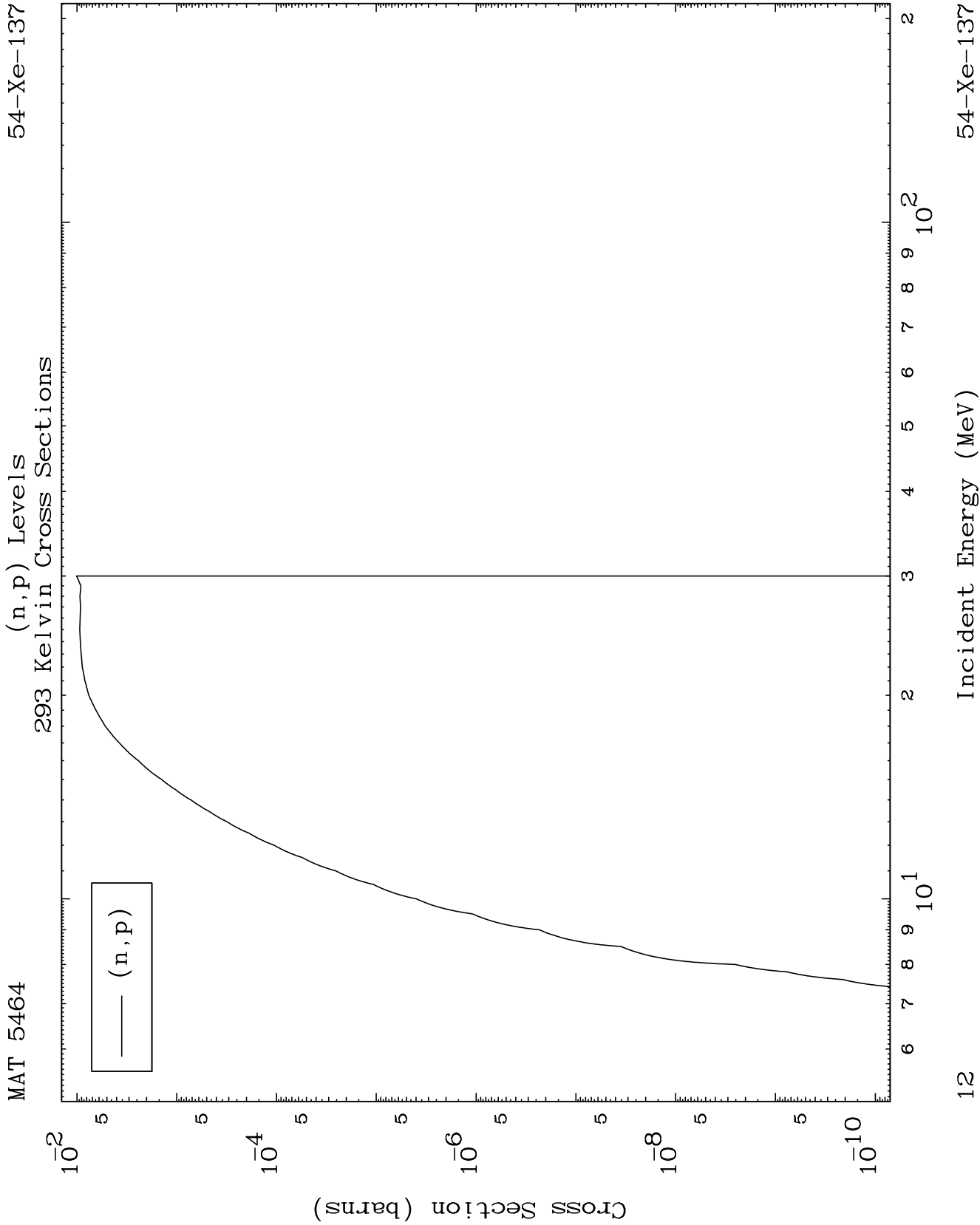
Incident Energy (MeV)

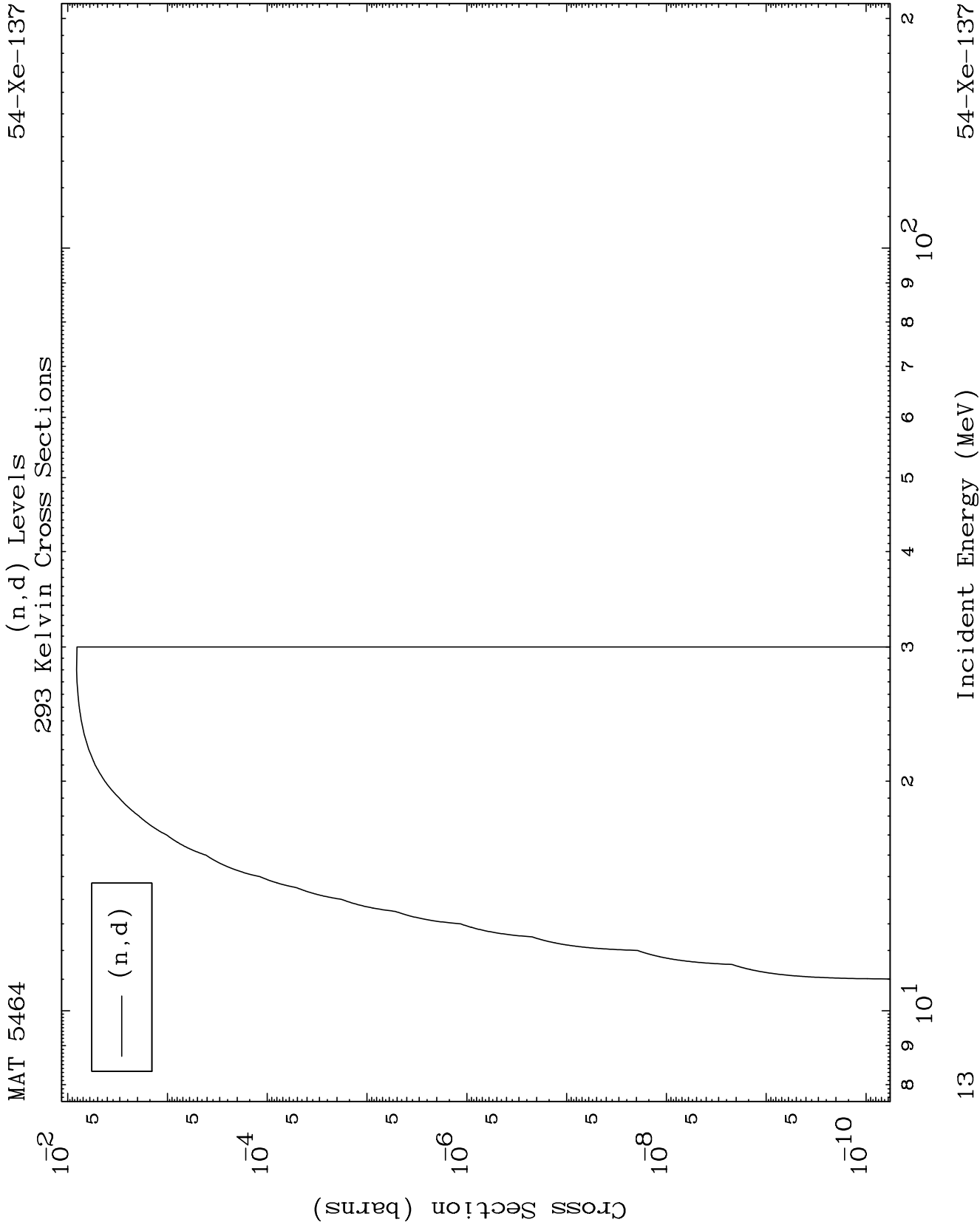
54-Xe-137







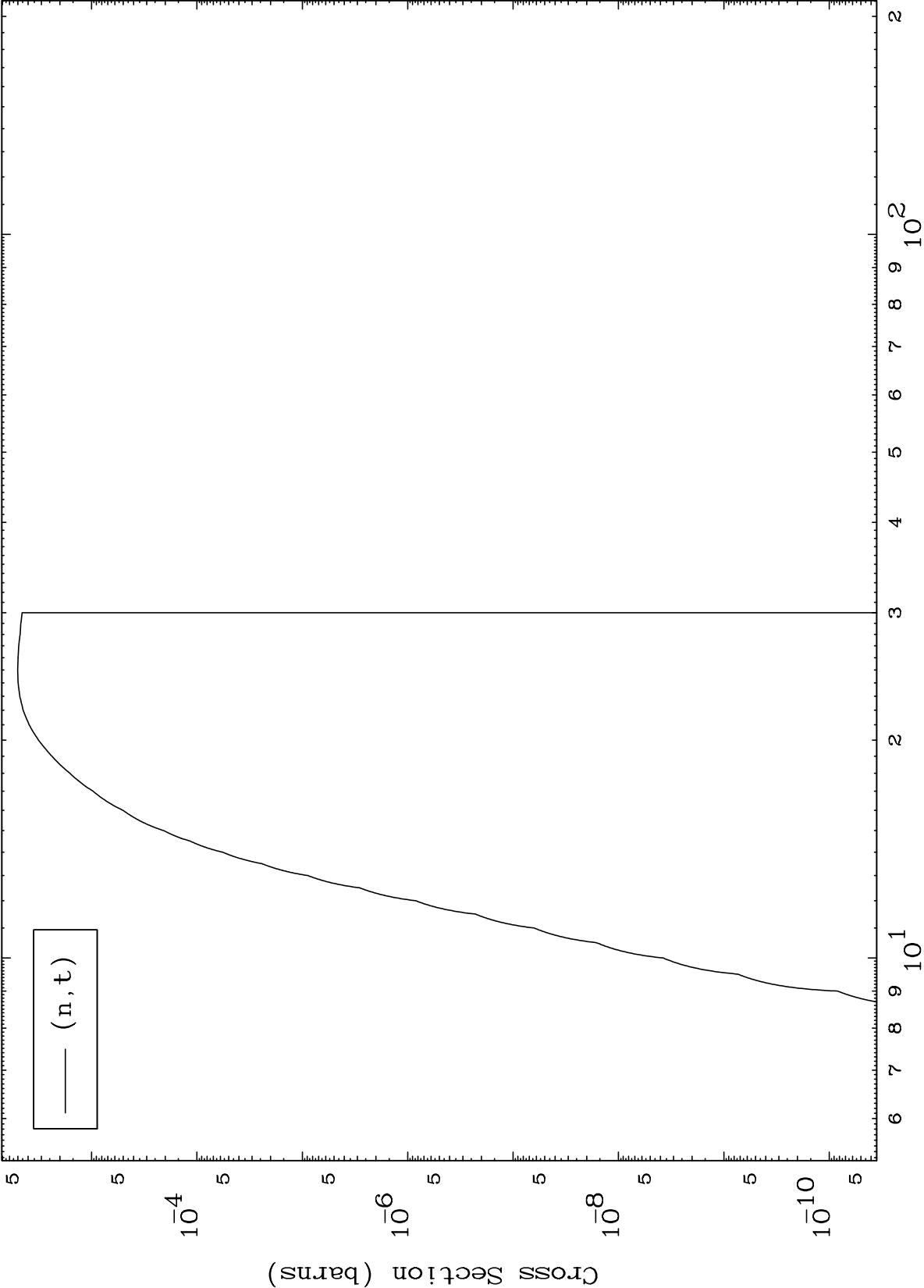




MAT 5464

54-Xe-137

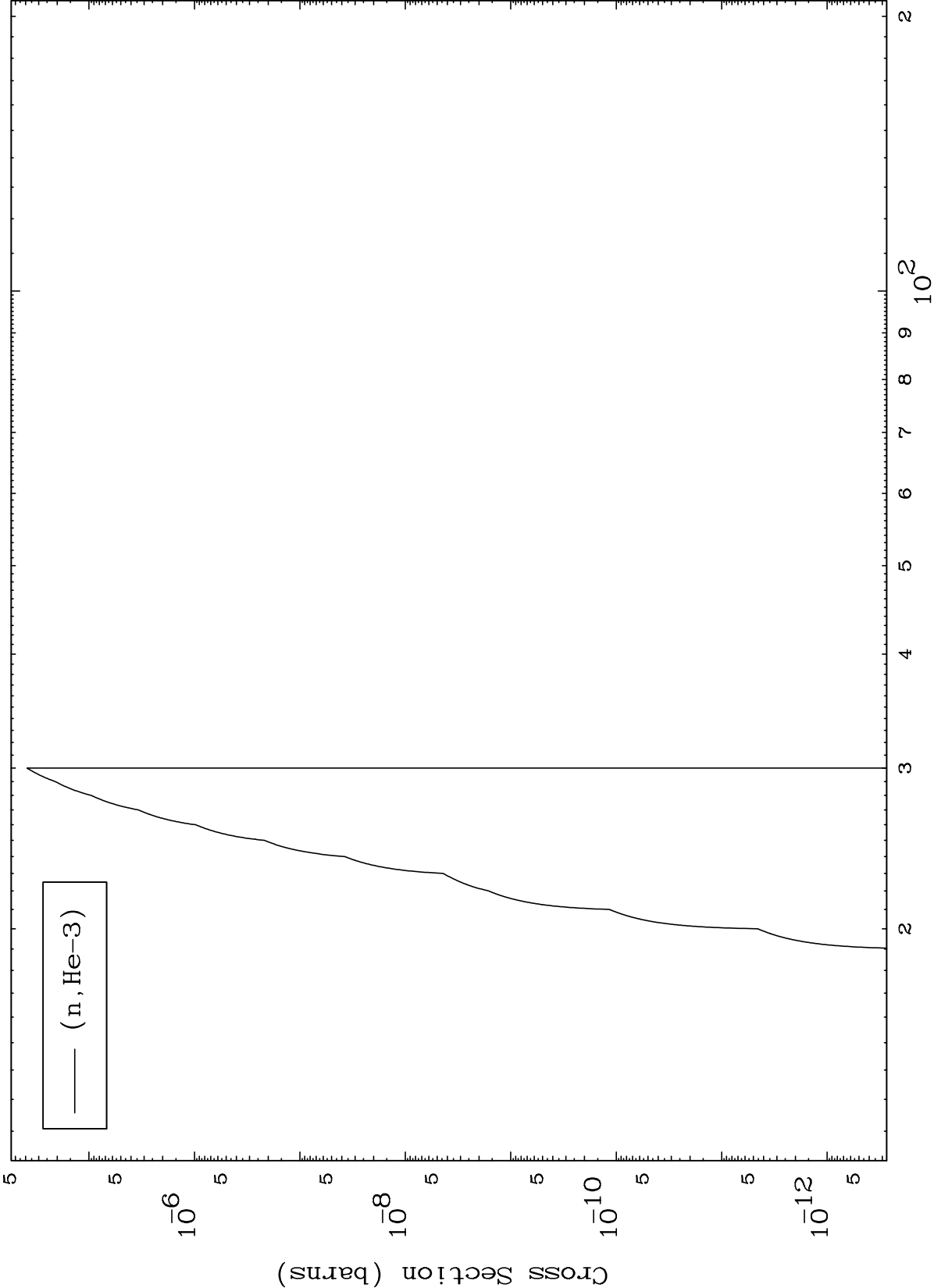
(n,t) Levels
293 Kelvin Cross Sections



54-Xe-137

Incident Energy (MeV)

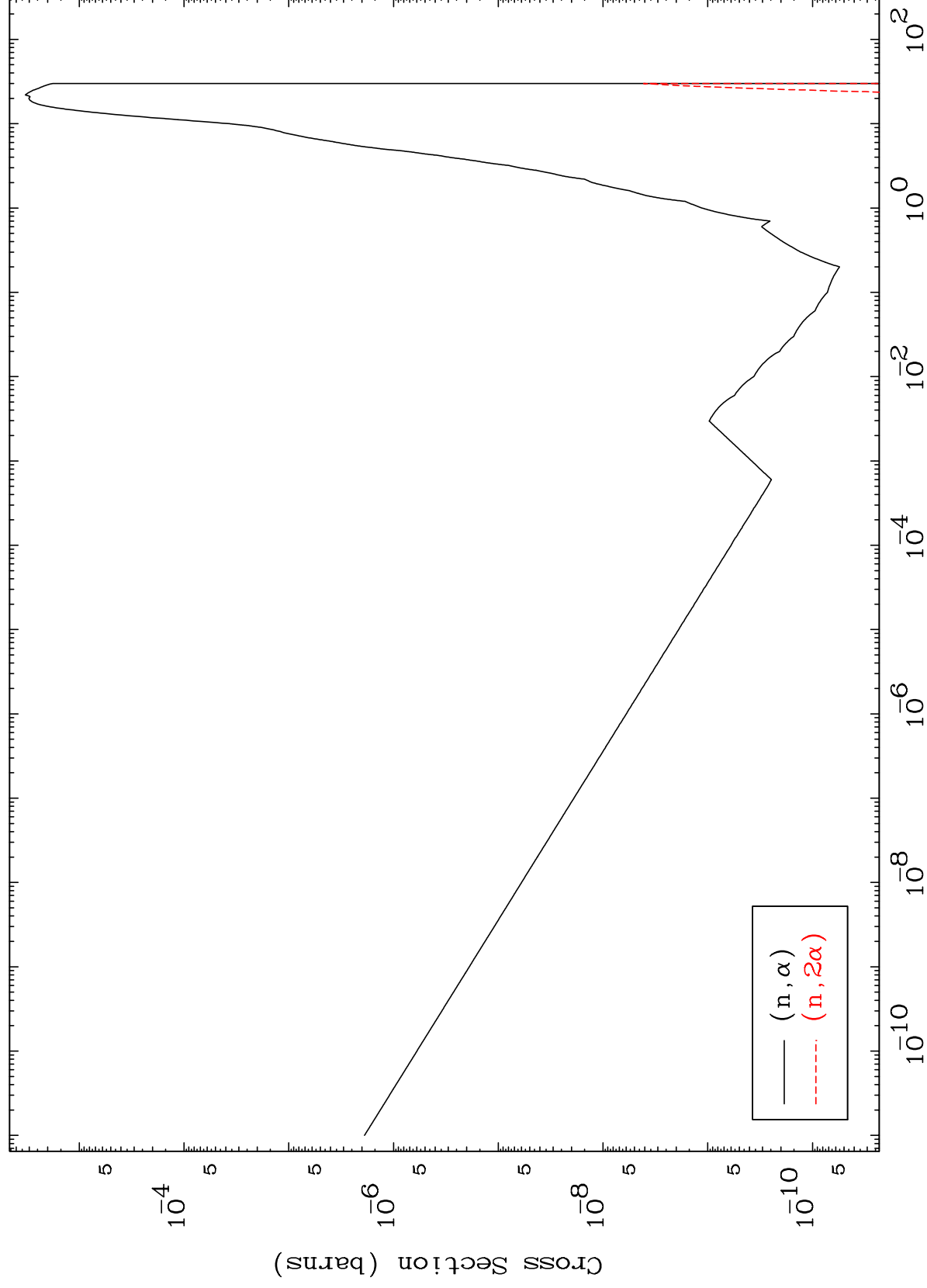
14



MAT 5464

(n, α) Levels
293 Kelvin Cross Sections

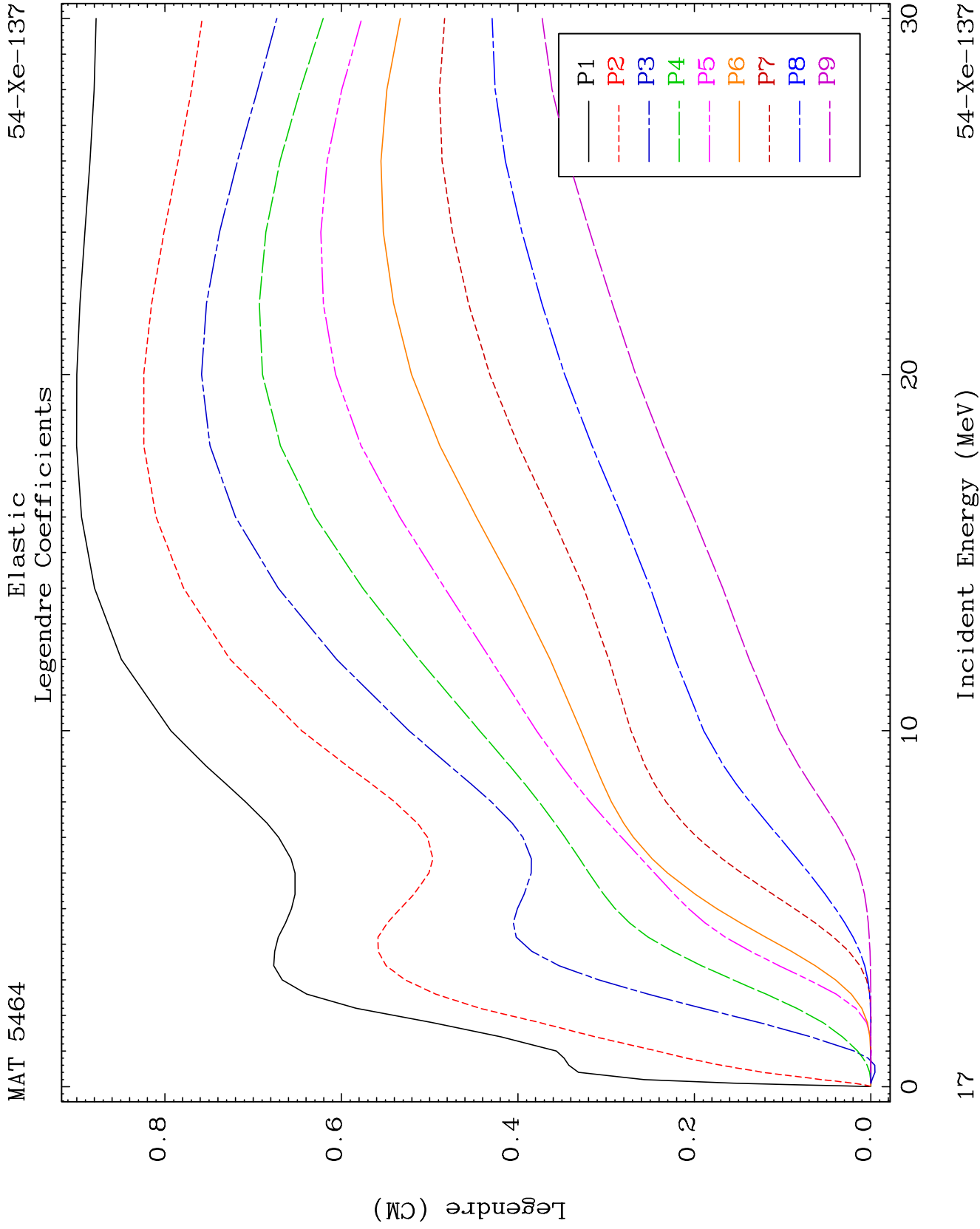
54-Xe-137

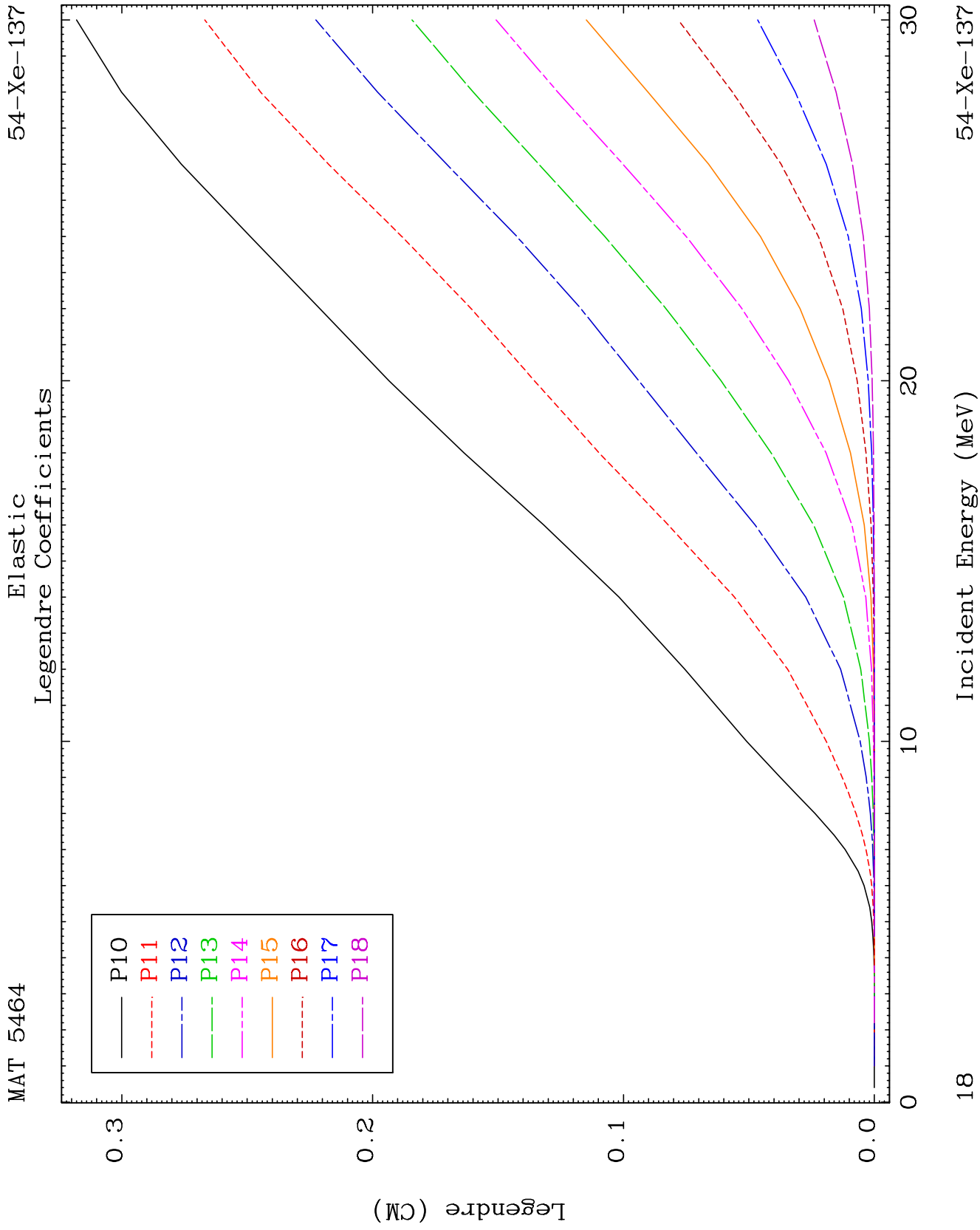


16

Incident Energy (MeV)

54-Xe-137

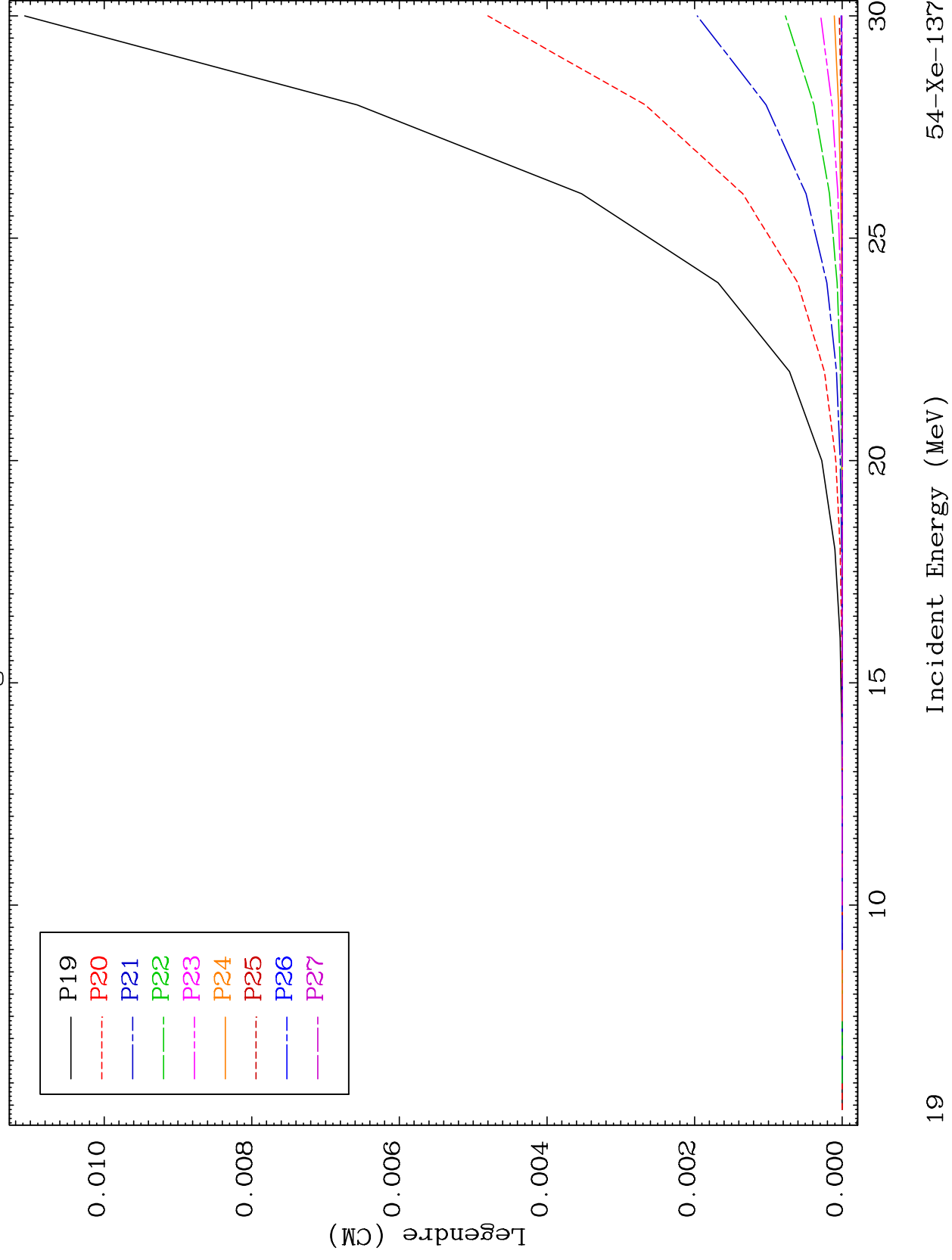




MAT 5464

Elastic Legendre Coefficients

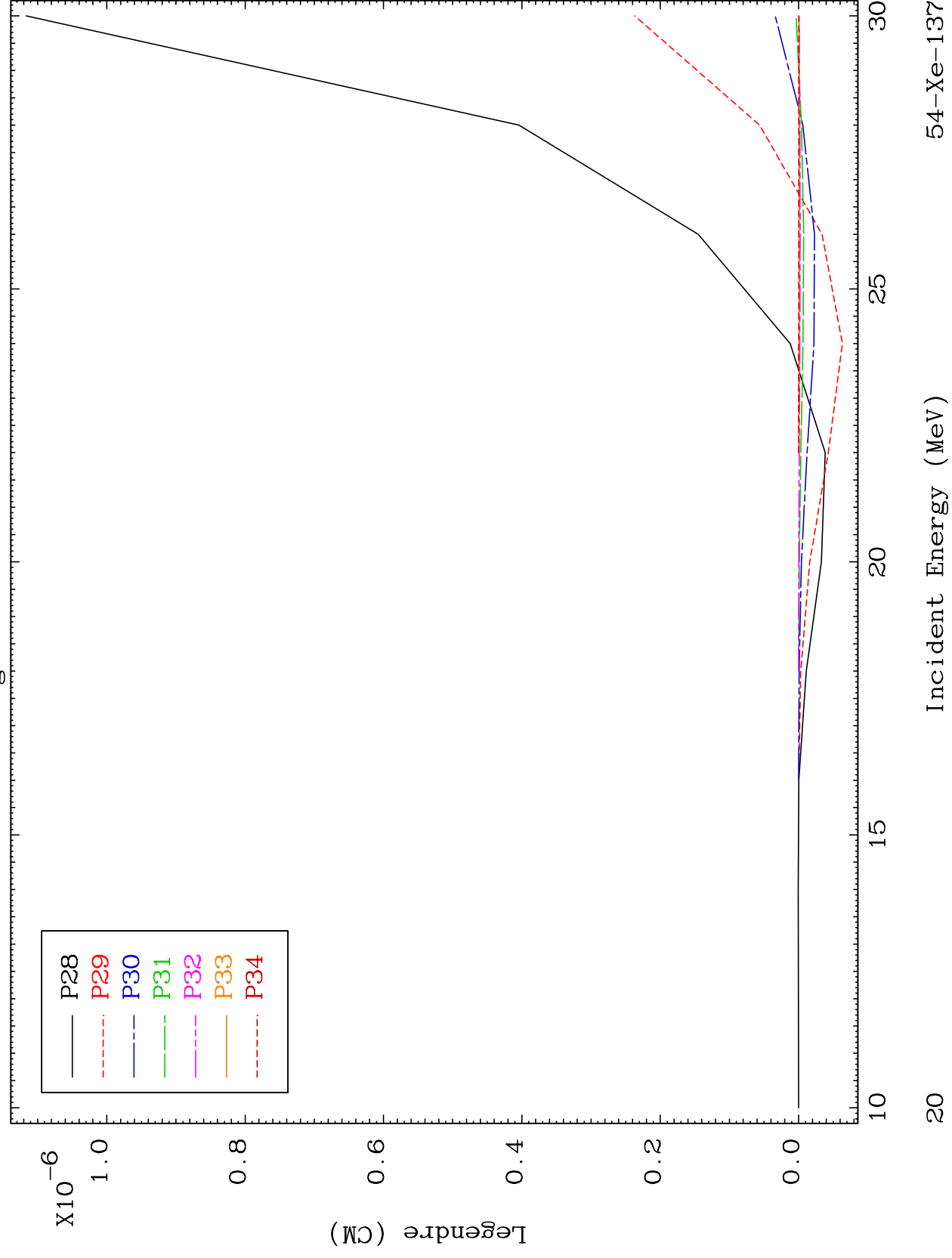
54-Xe-137



MAT 5464

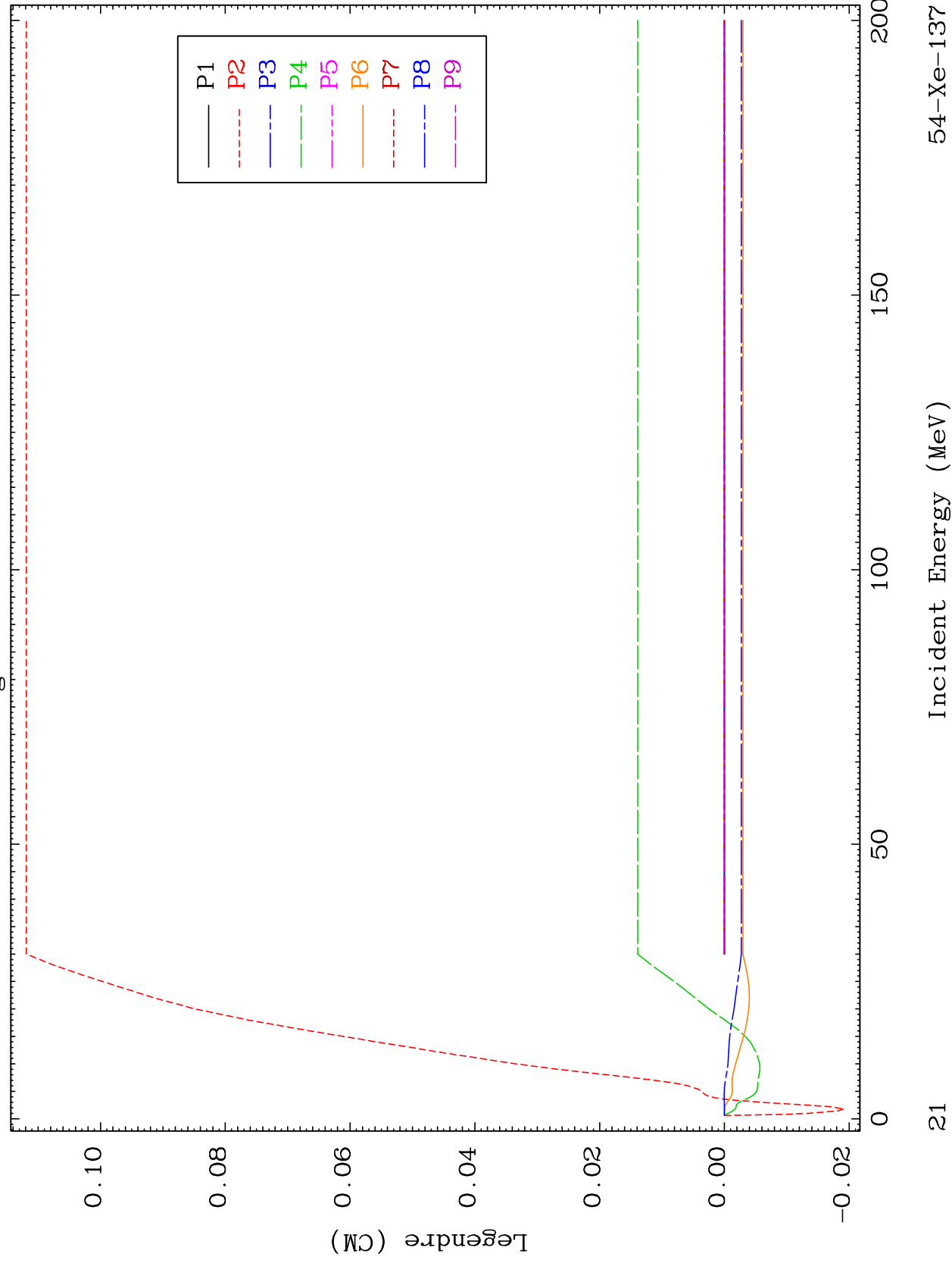
Elastic Legendre Coefficients

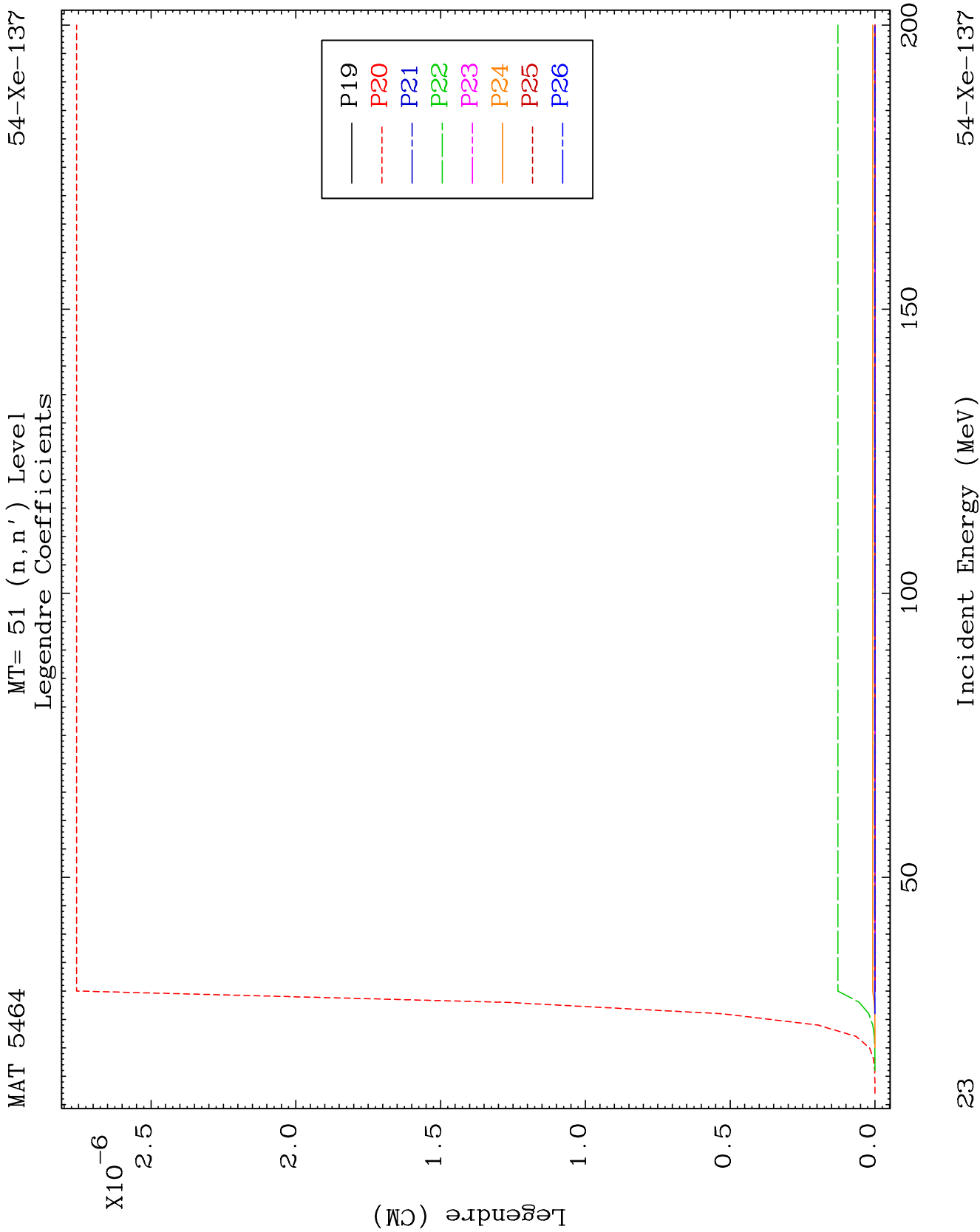
54-Xe-137



MAT 5464

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

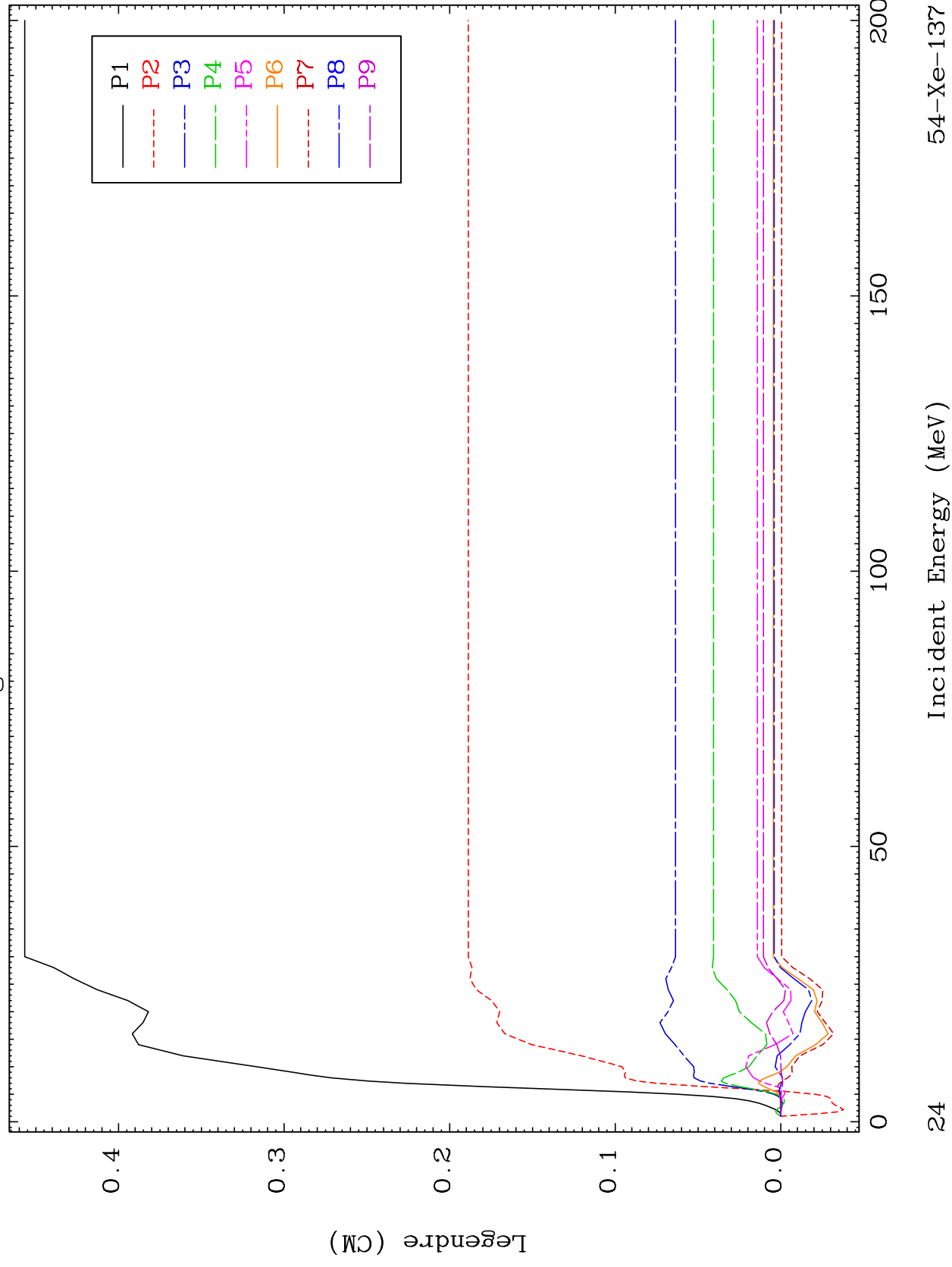
 $^{54}\text{-Xe-137}$ 



MAT 5464

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

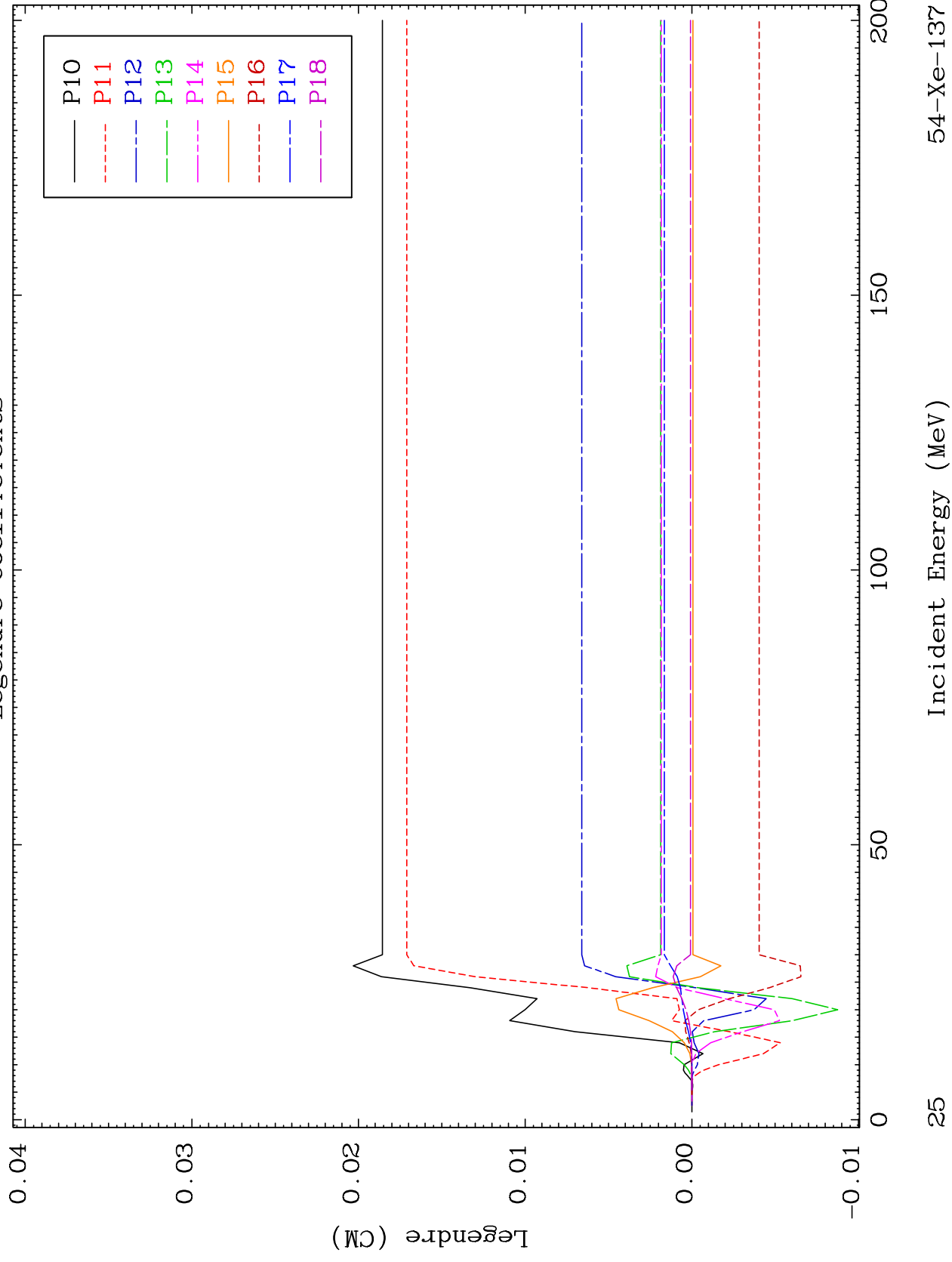
54-Xe-137

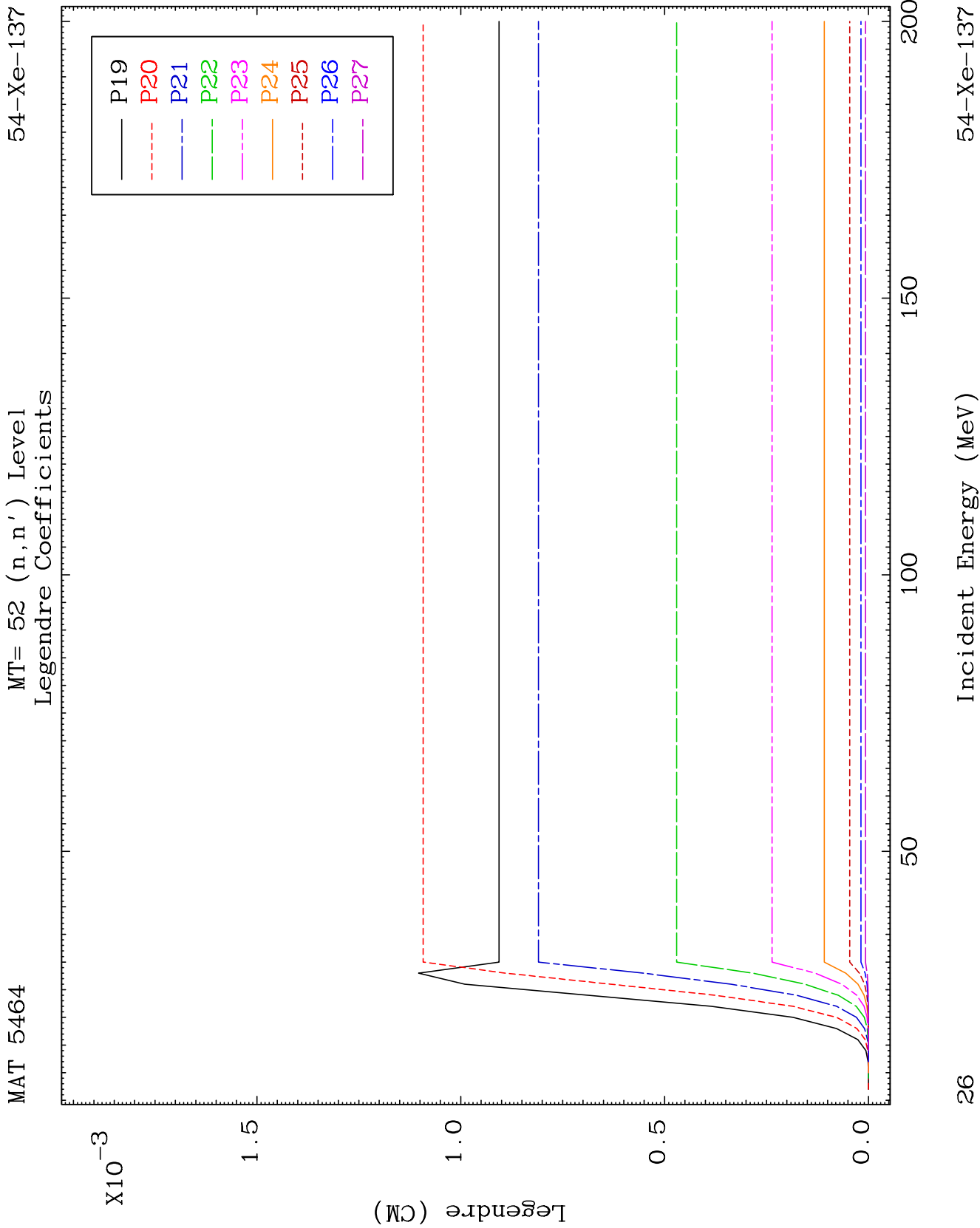


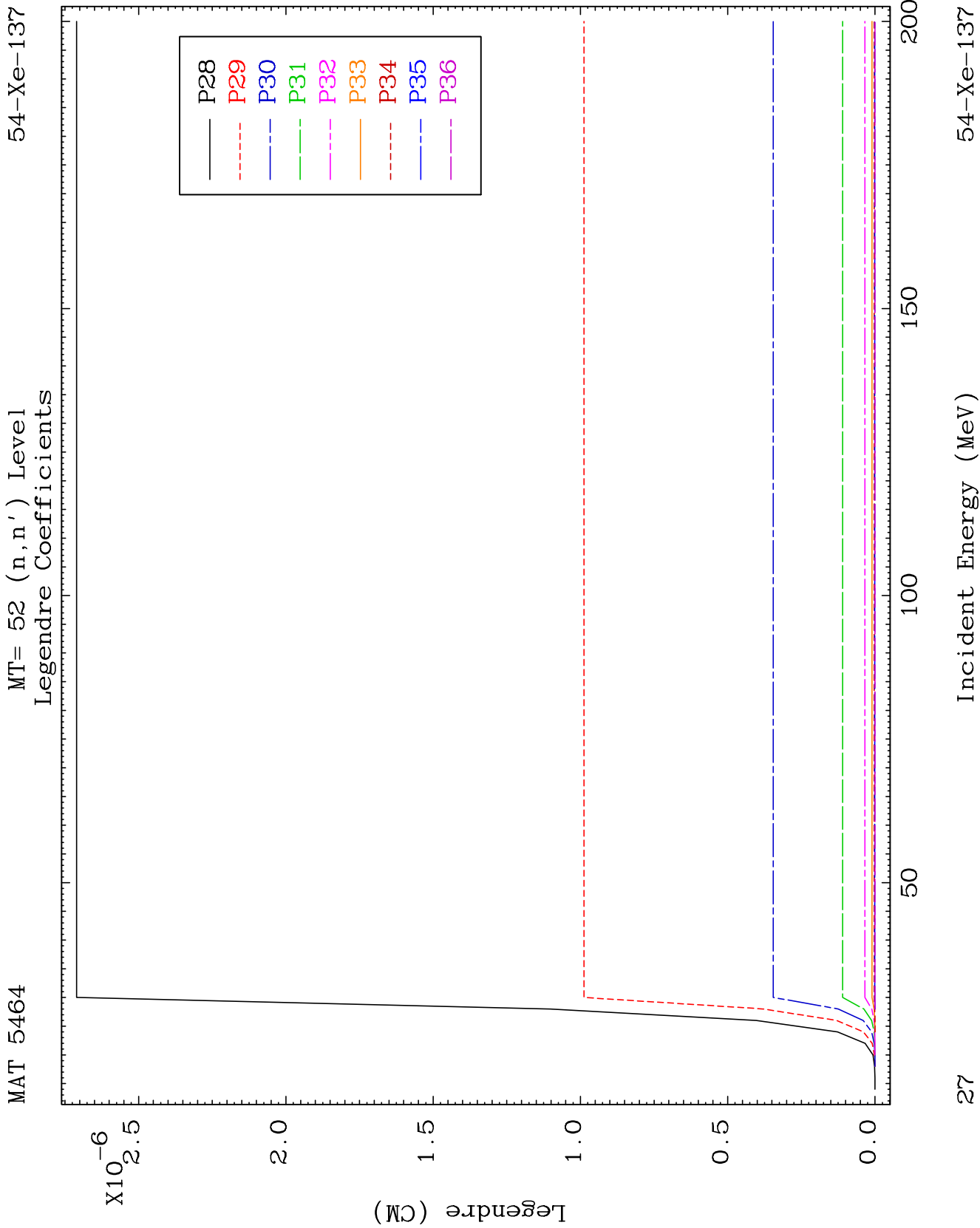
MAT 5464

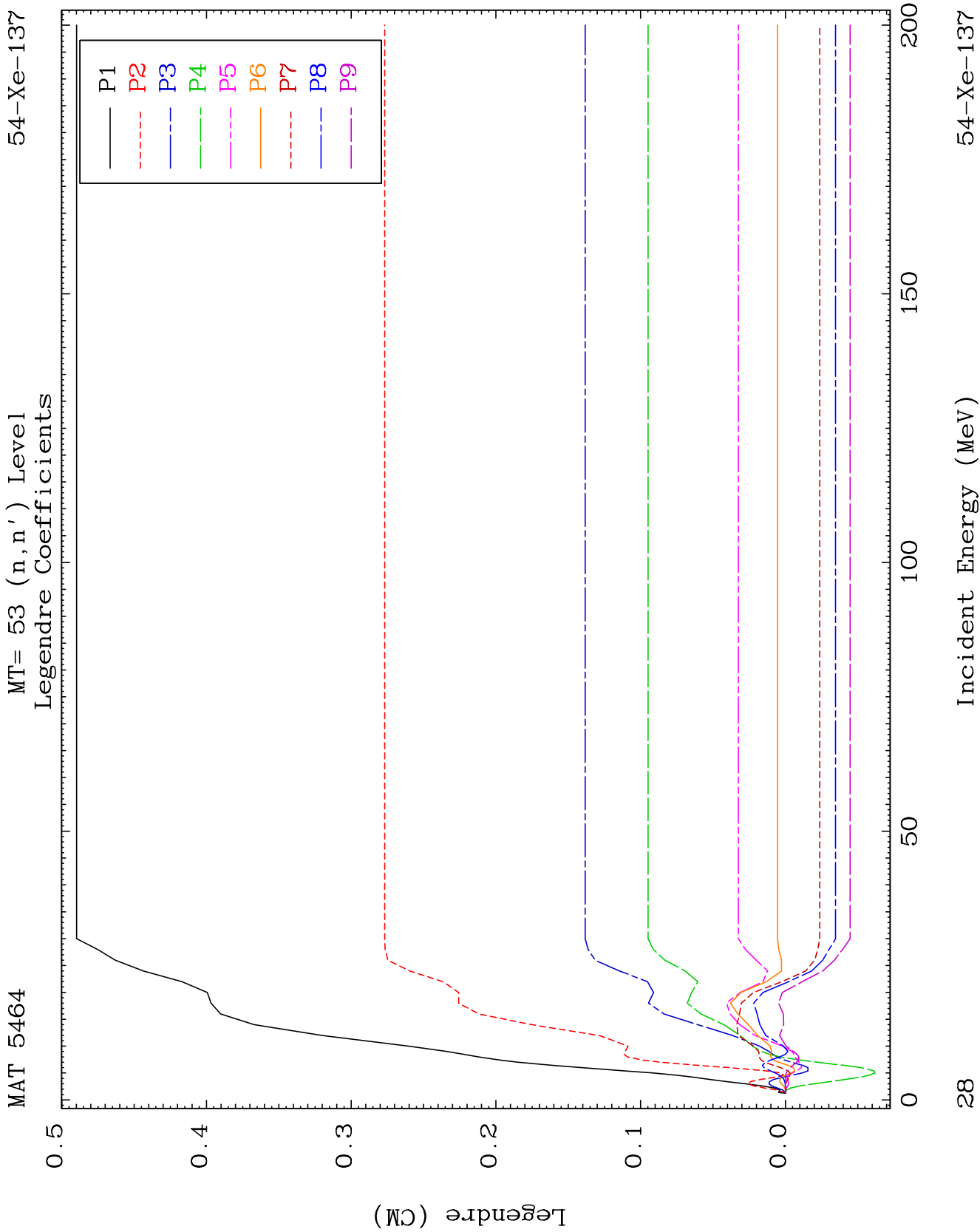
MT= 52 (n, n') Level
Legendre Coefficients

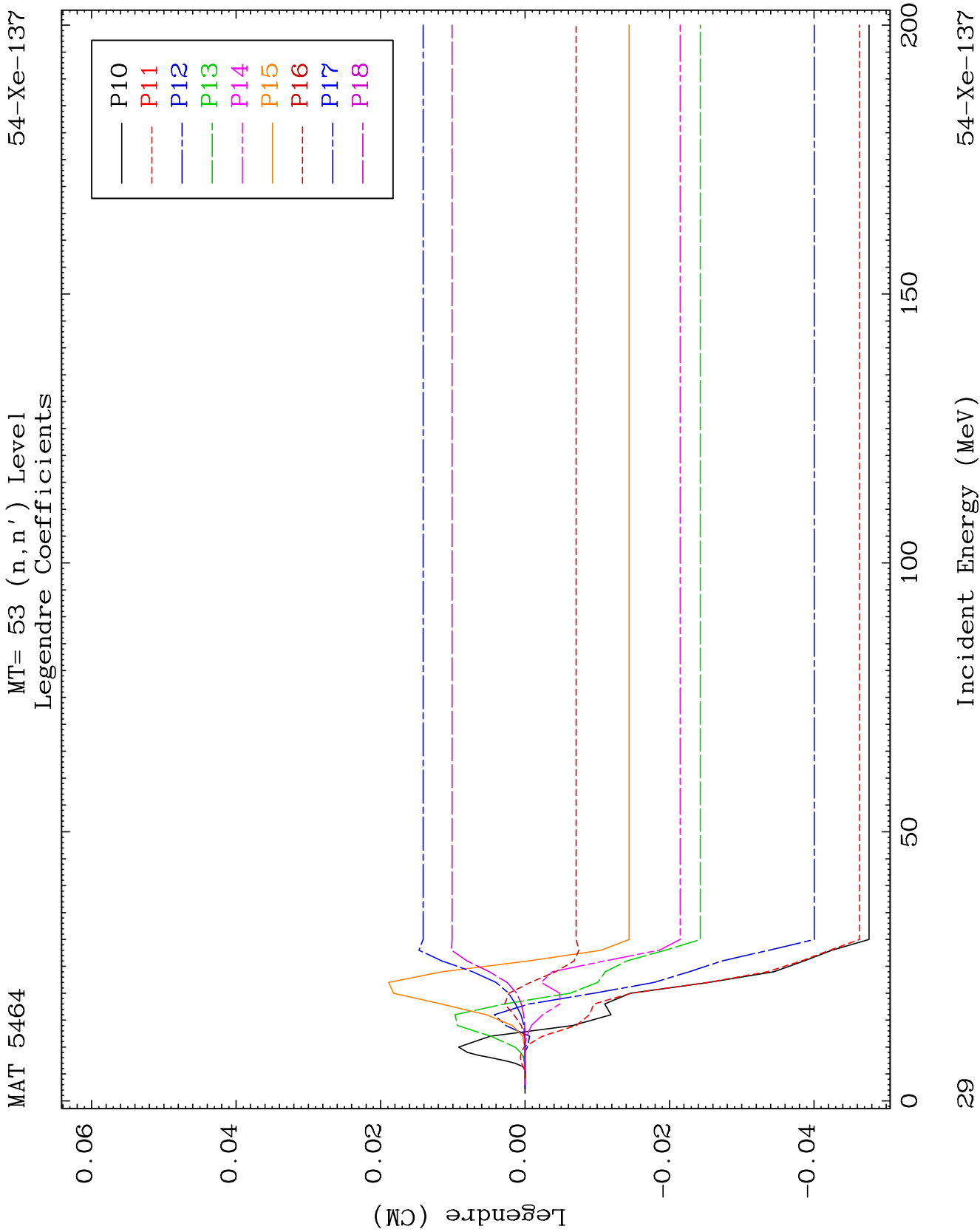
54-Xe-137







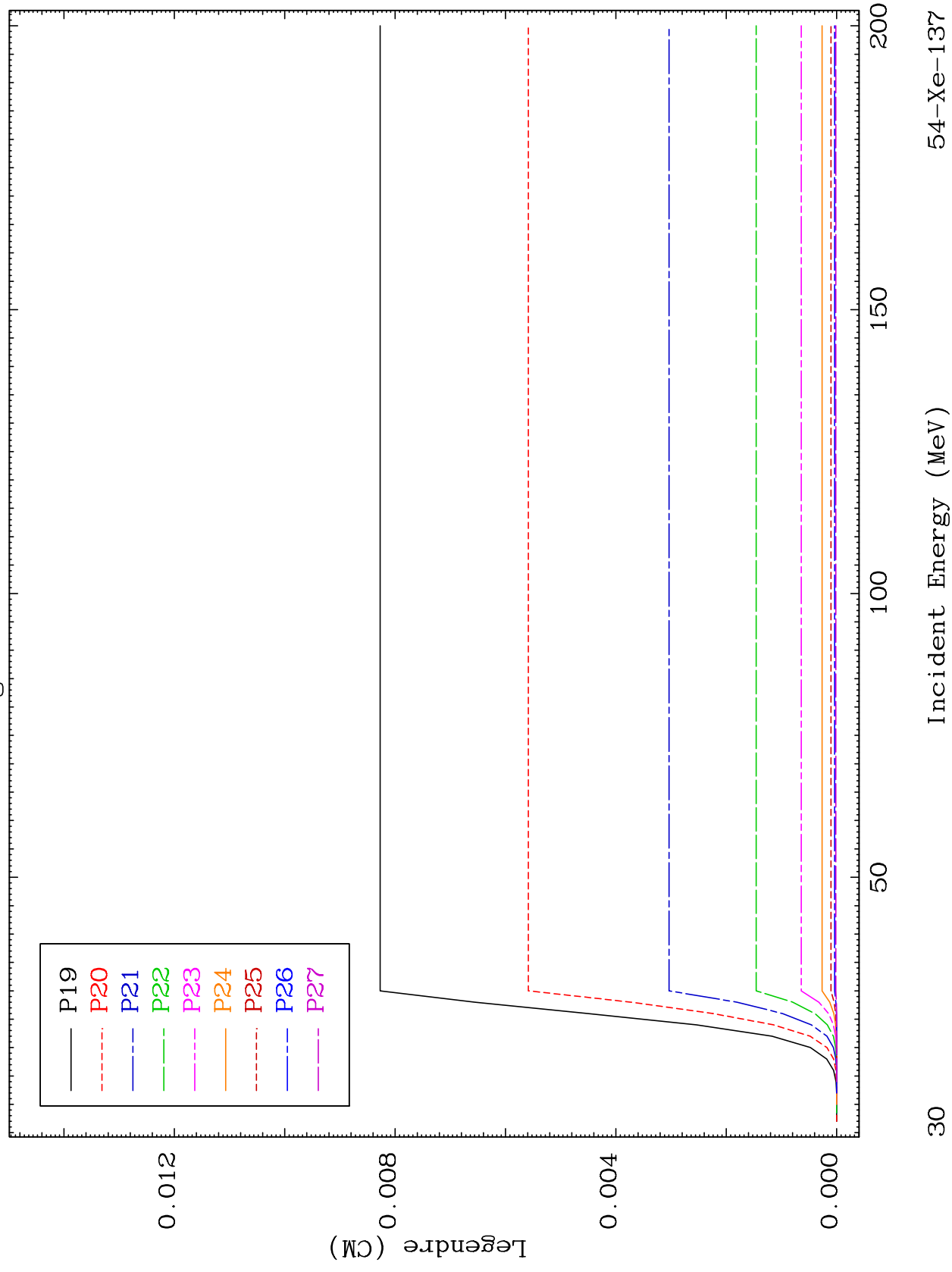


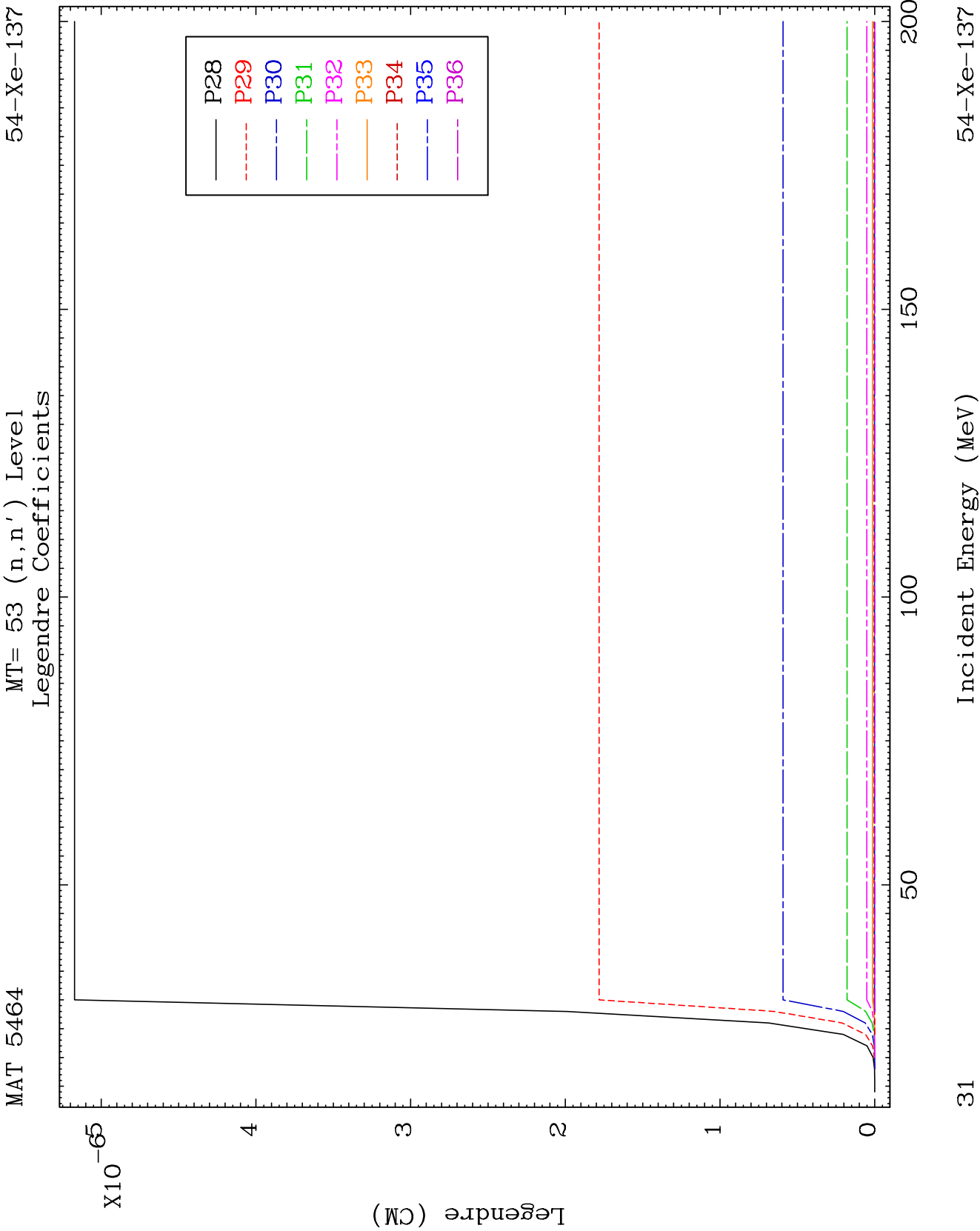


MAT 5464

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

54-Xe-137



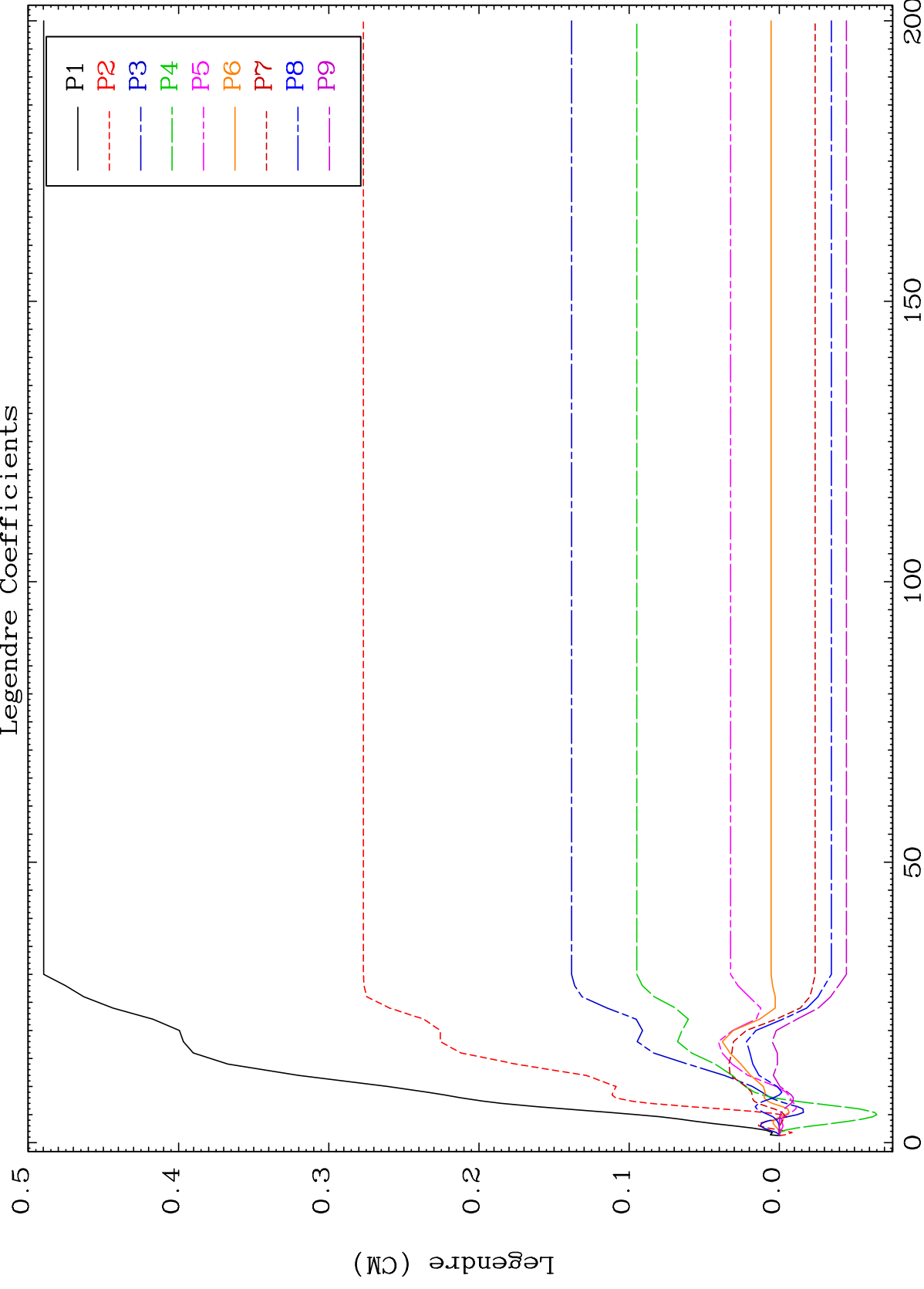


MAT 5464

MT= 54 (n, n') Level

54-Xe-137

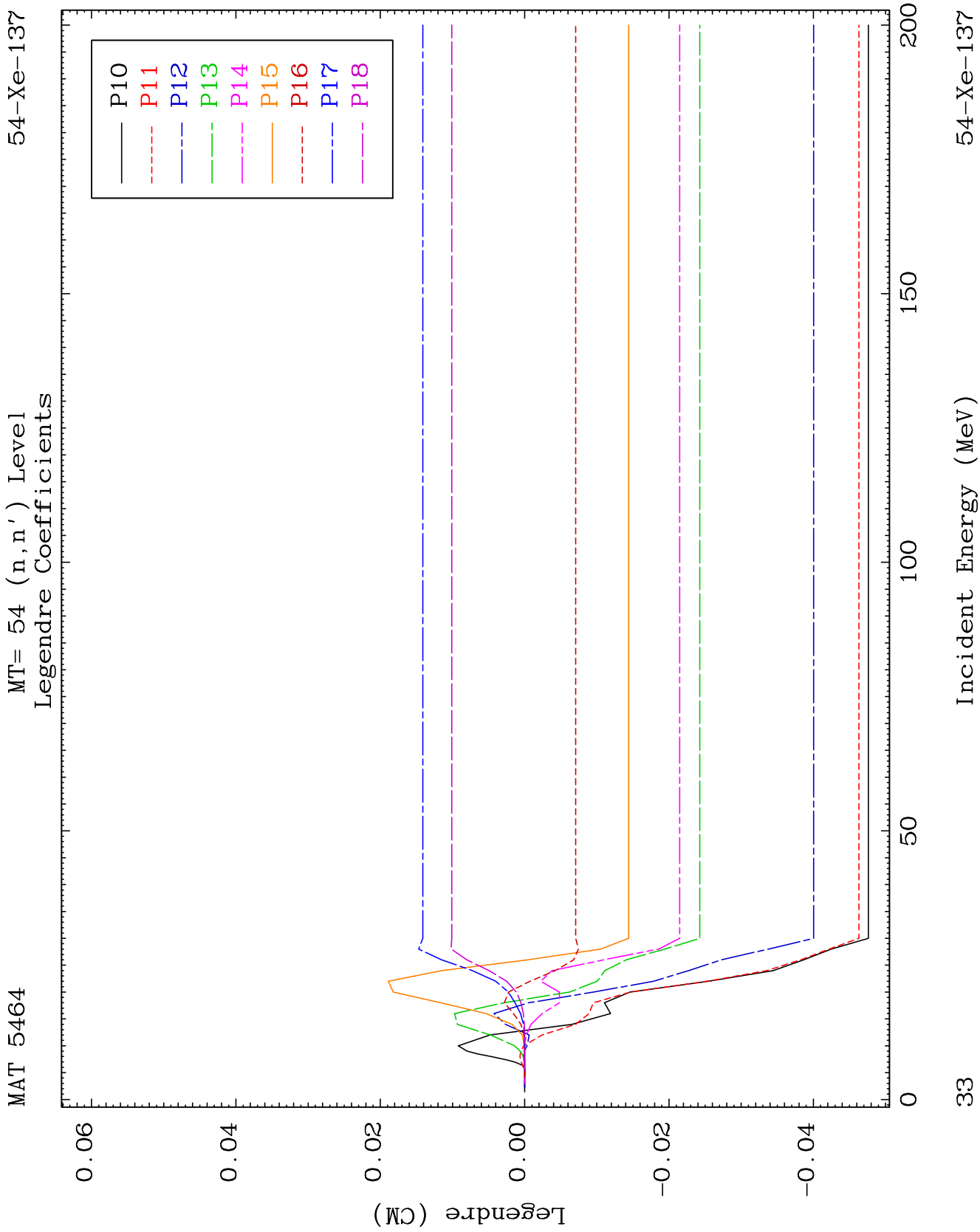
Legendre Coefficients



23

Incident Energy (MeV)

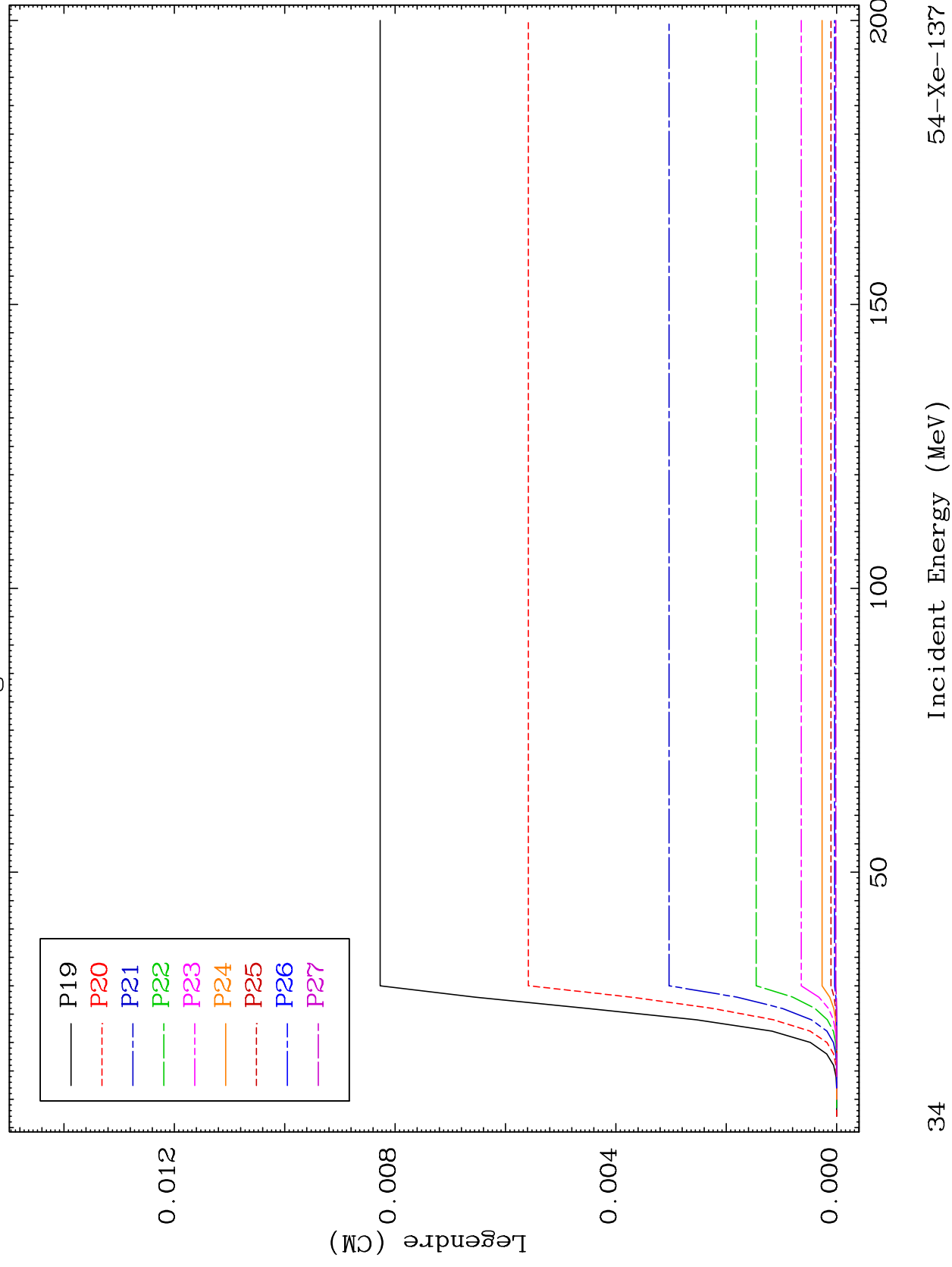
54-Xe-137



MAT 5464

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

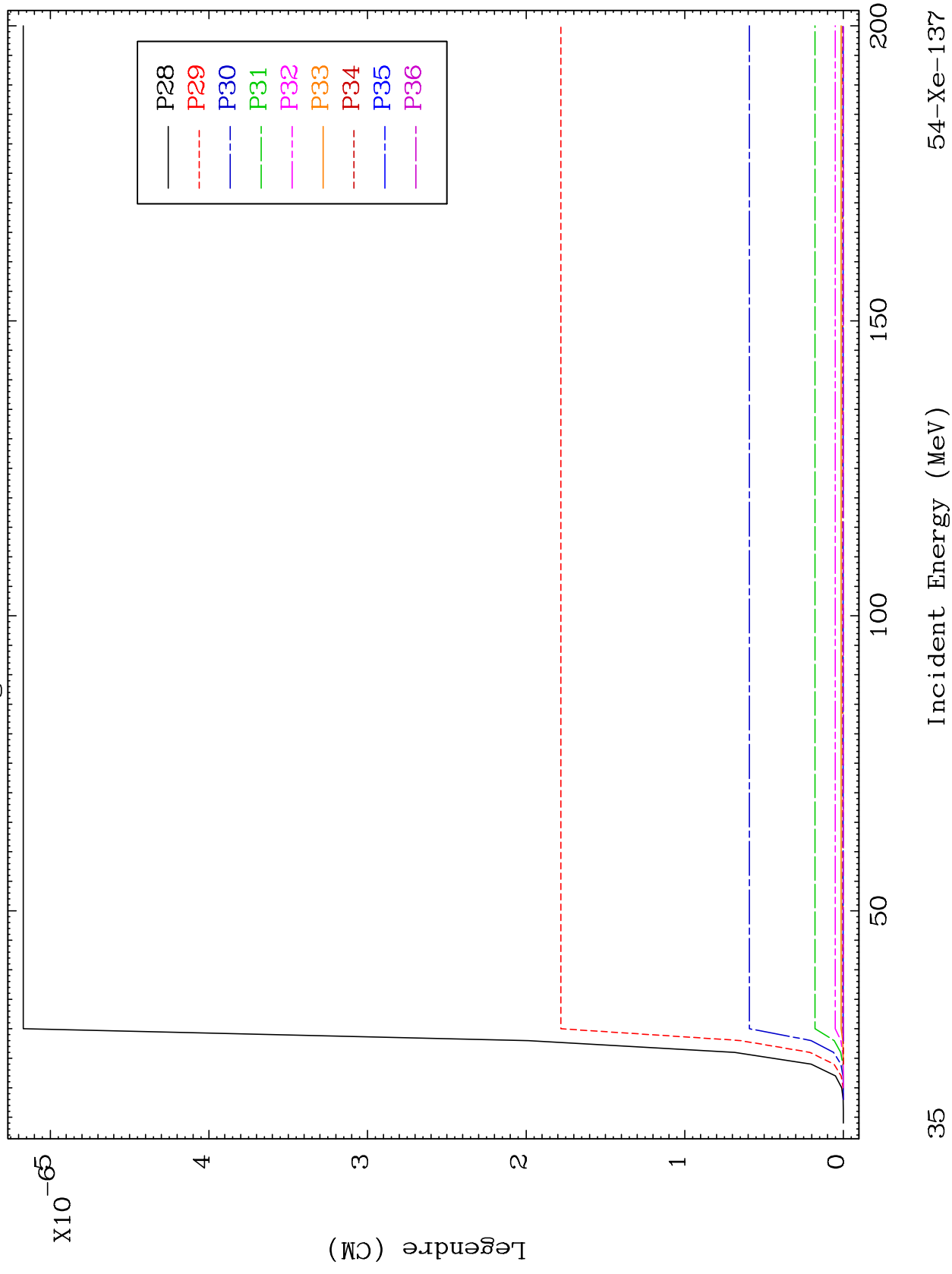
54-Xe-137

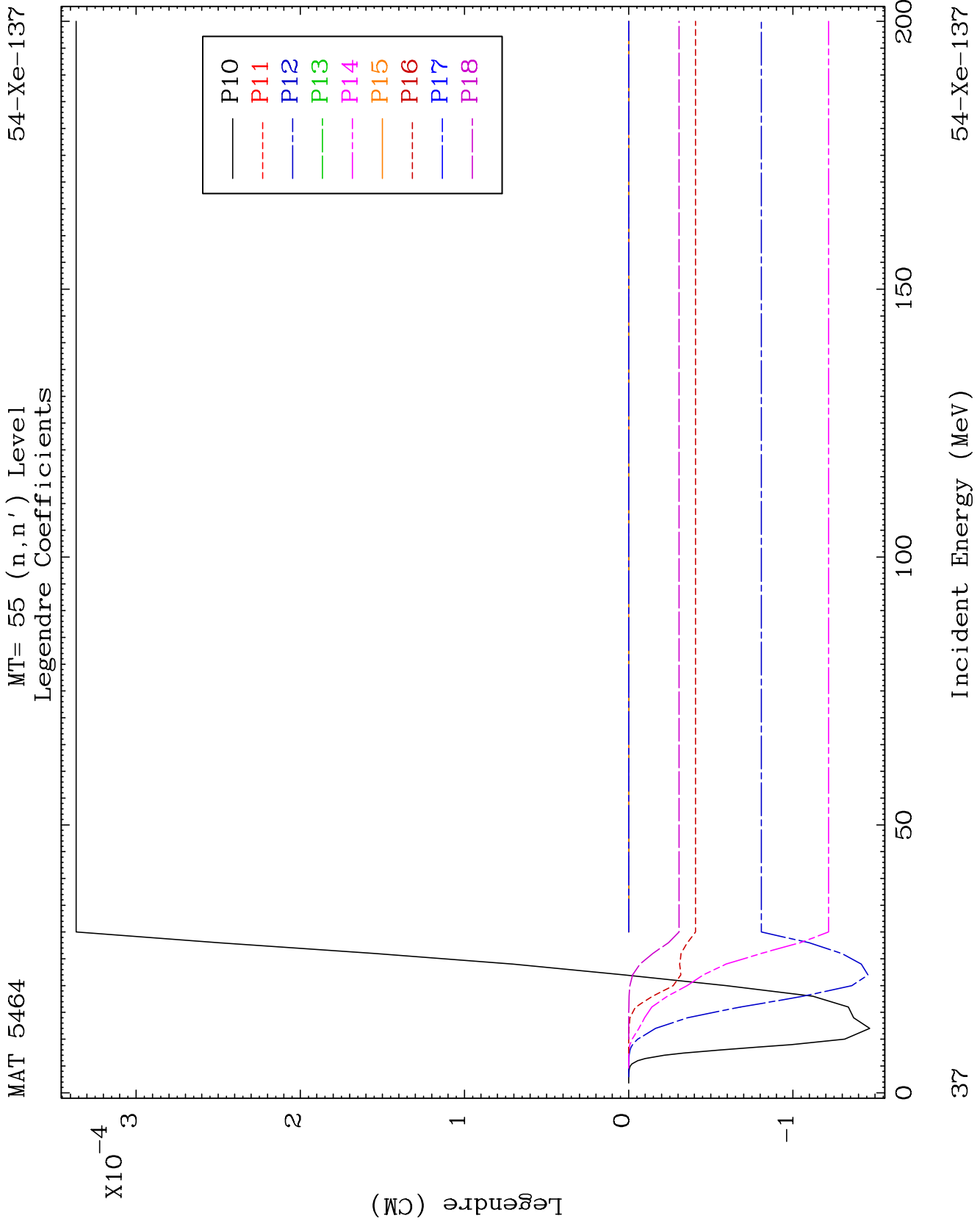


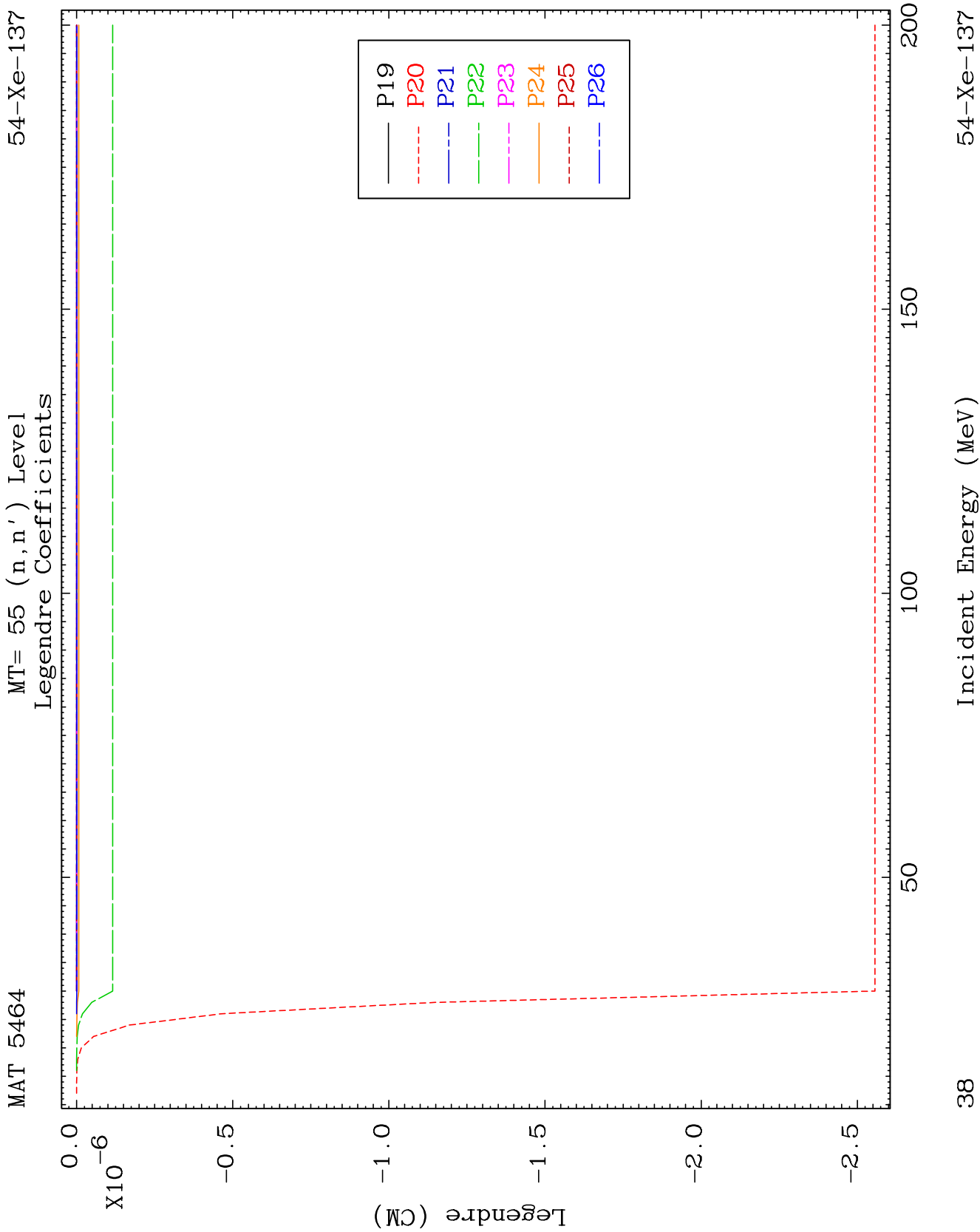
MAT 5464

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

54-Xe-137



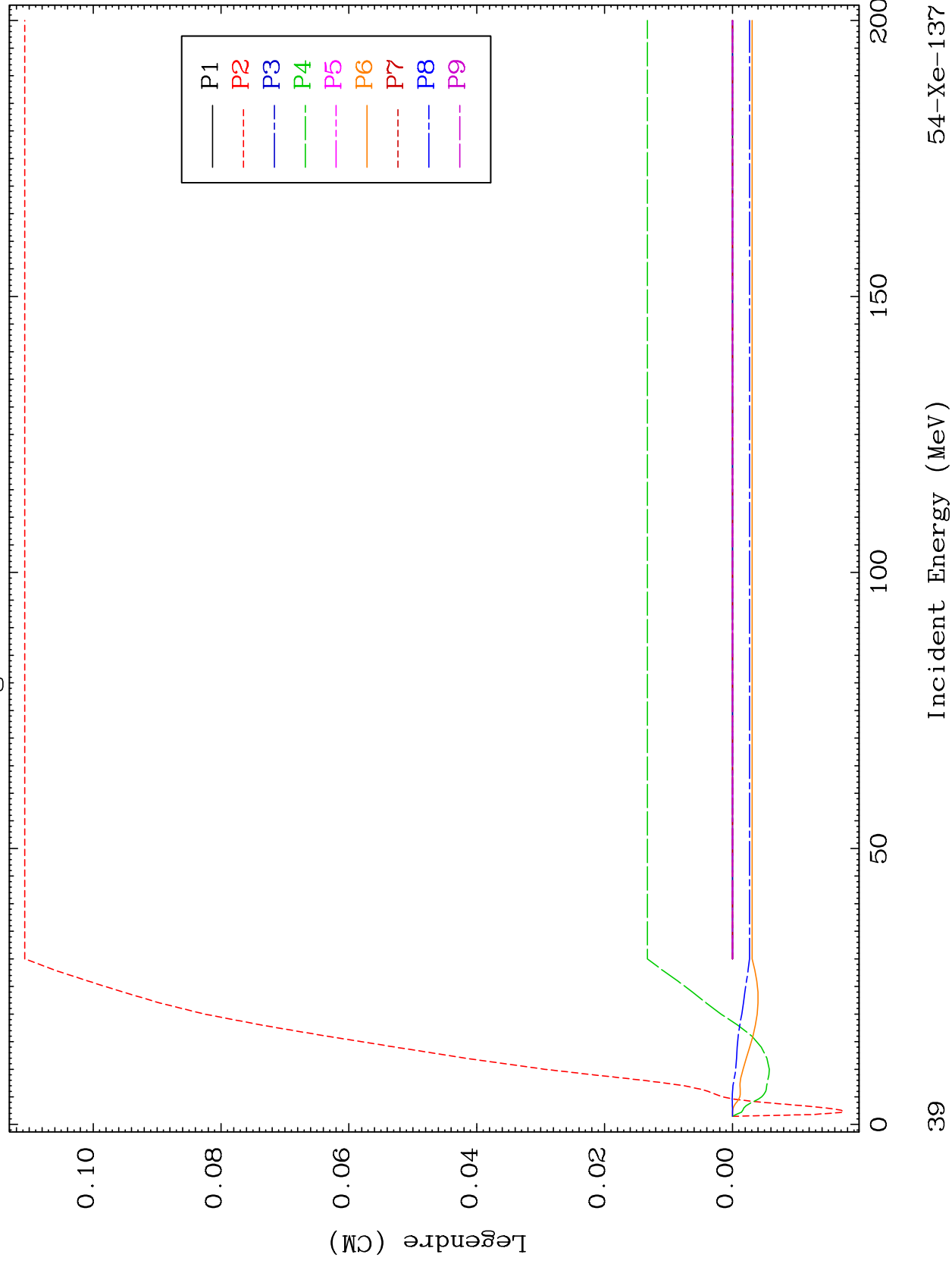


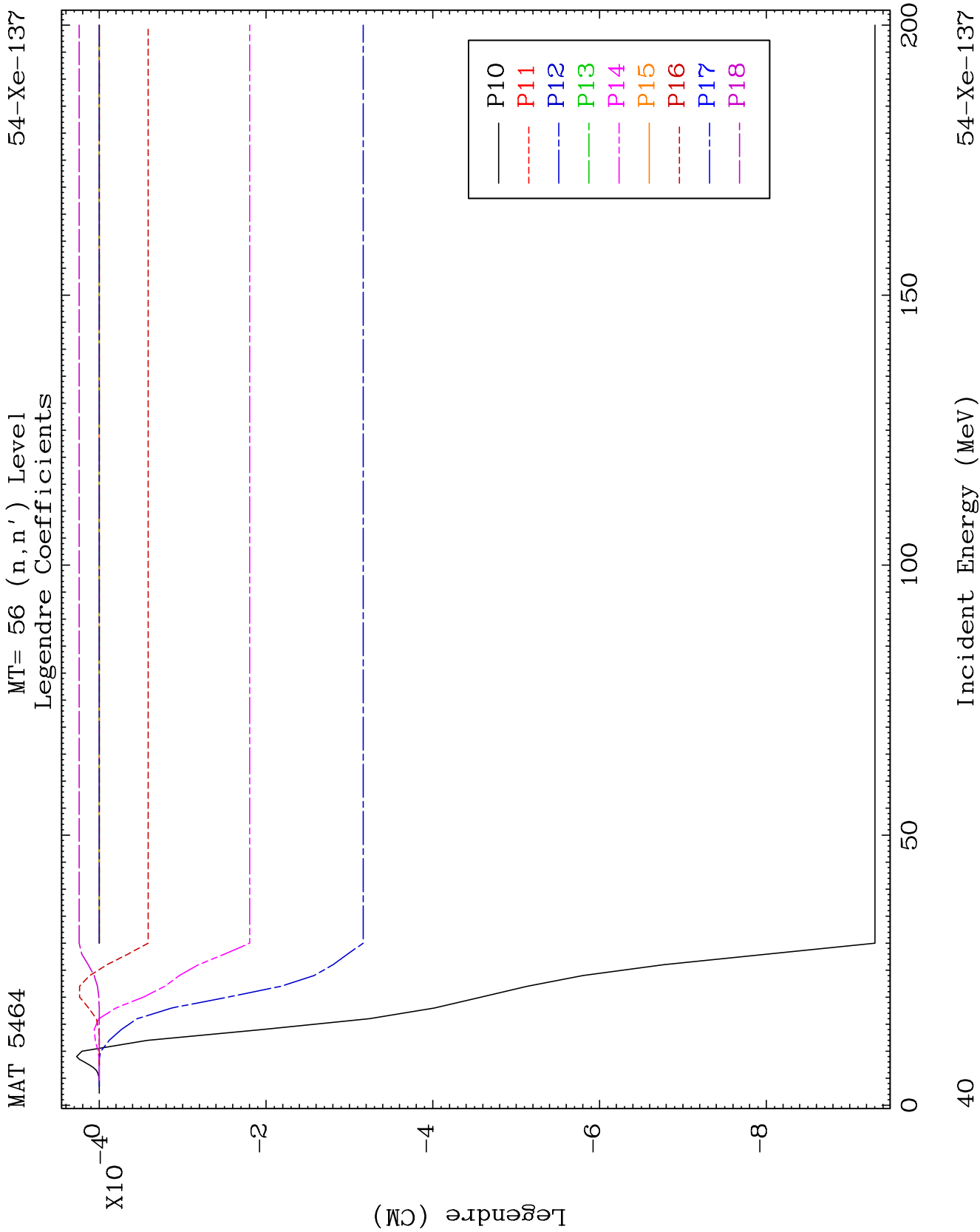


MAT 5464

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

54-Xe-137

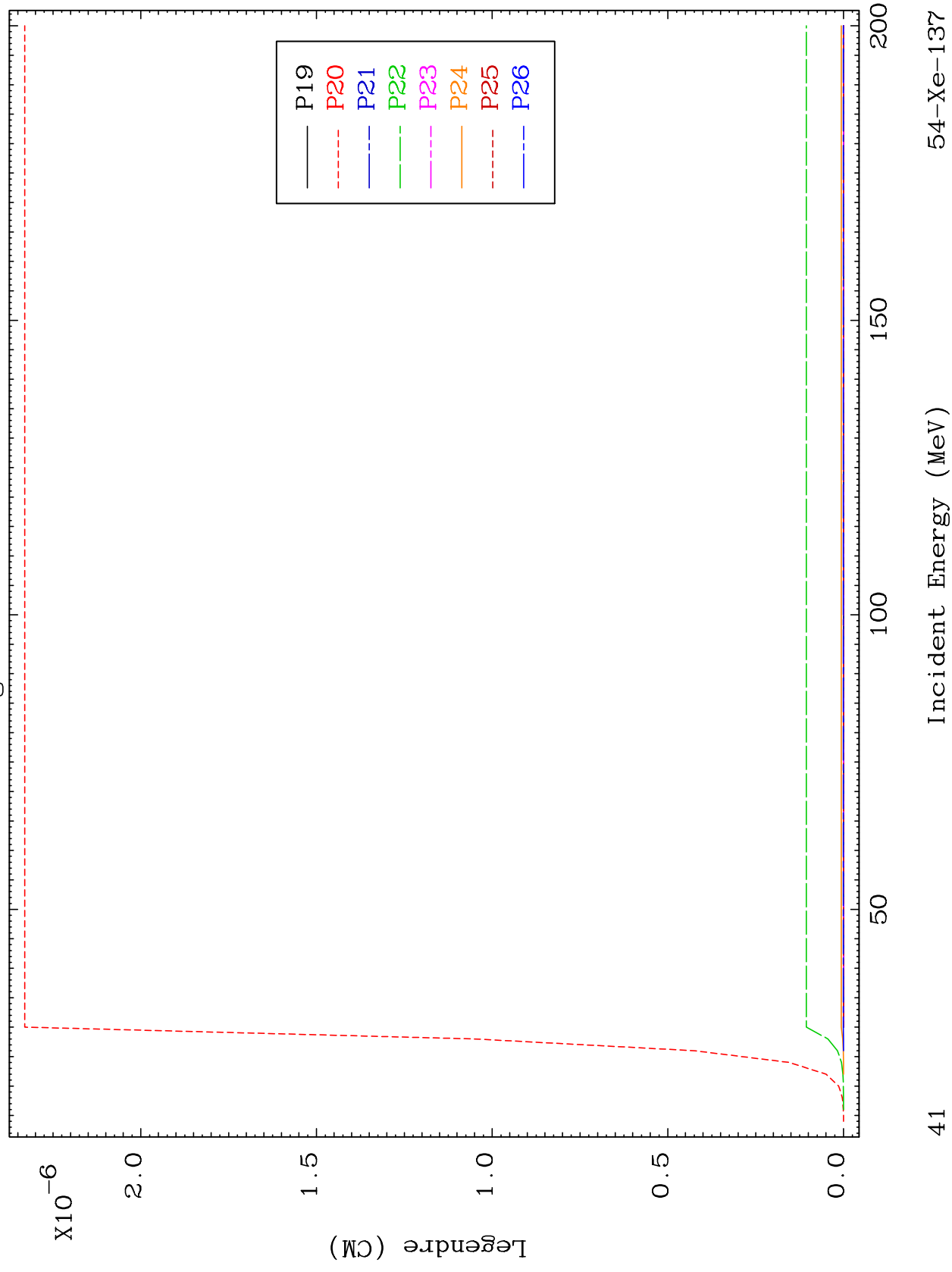


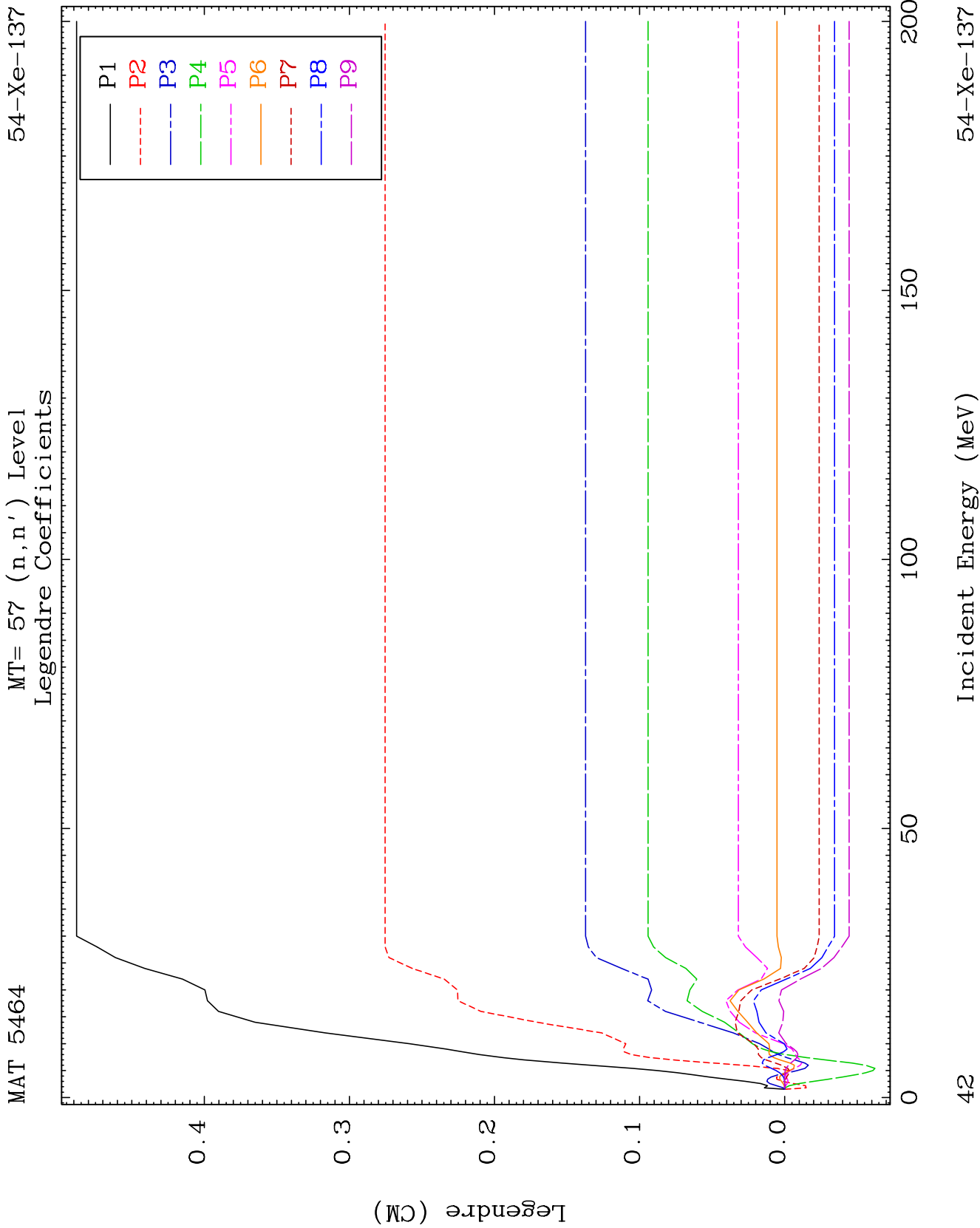


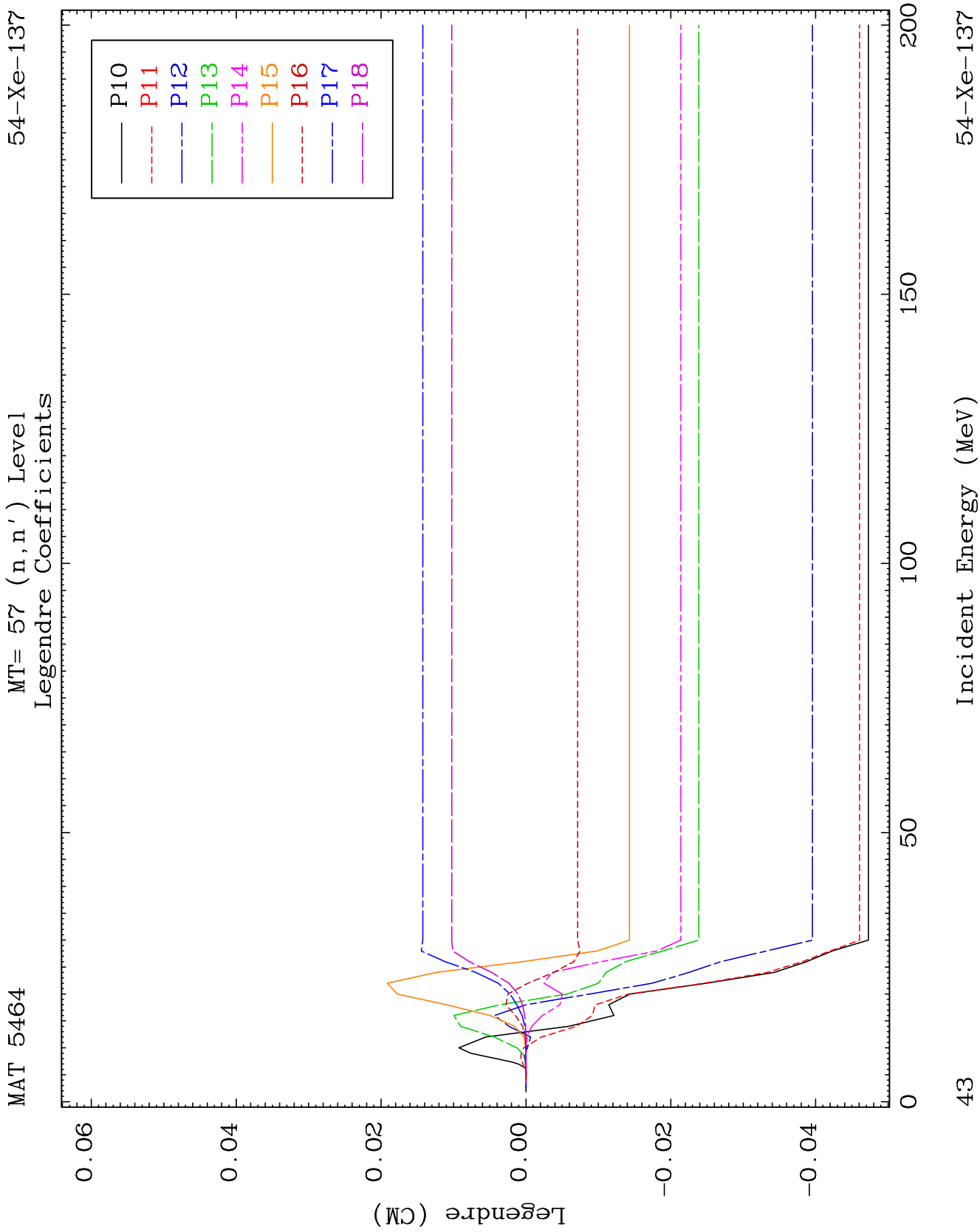
MAT 5464

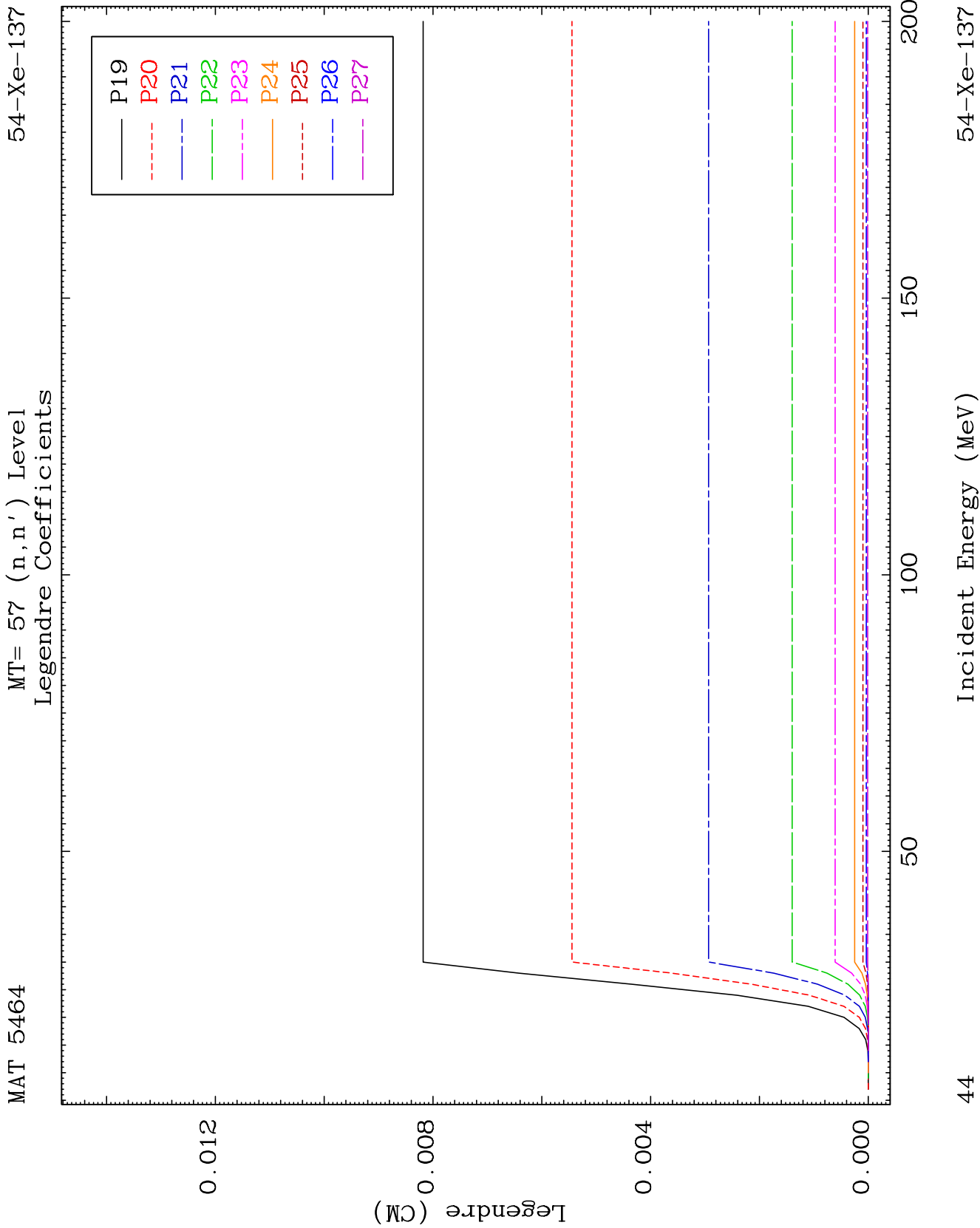
MT= 56 (n, n') Level
Legendre Coefficients

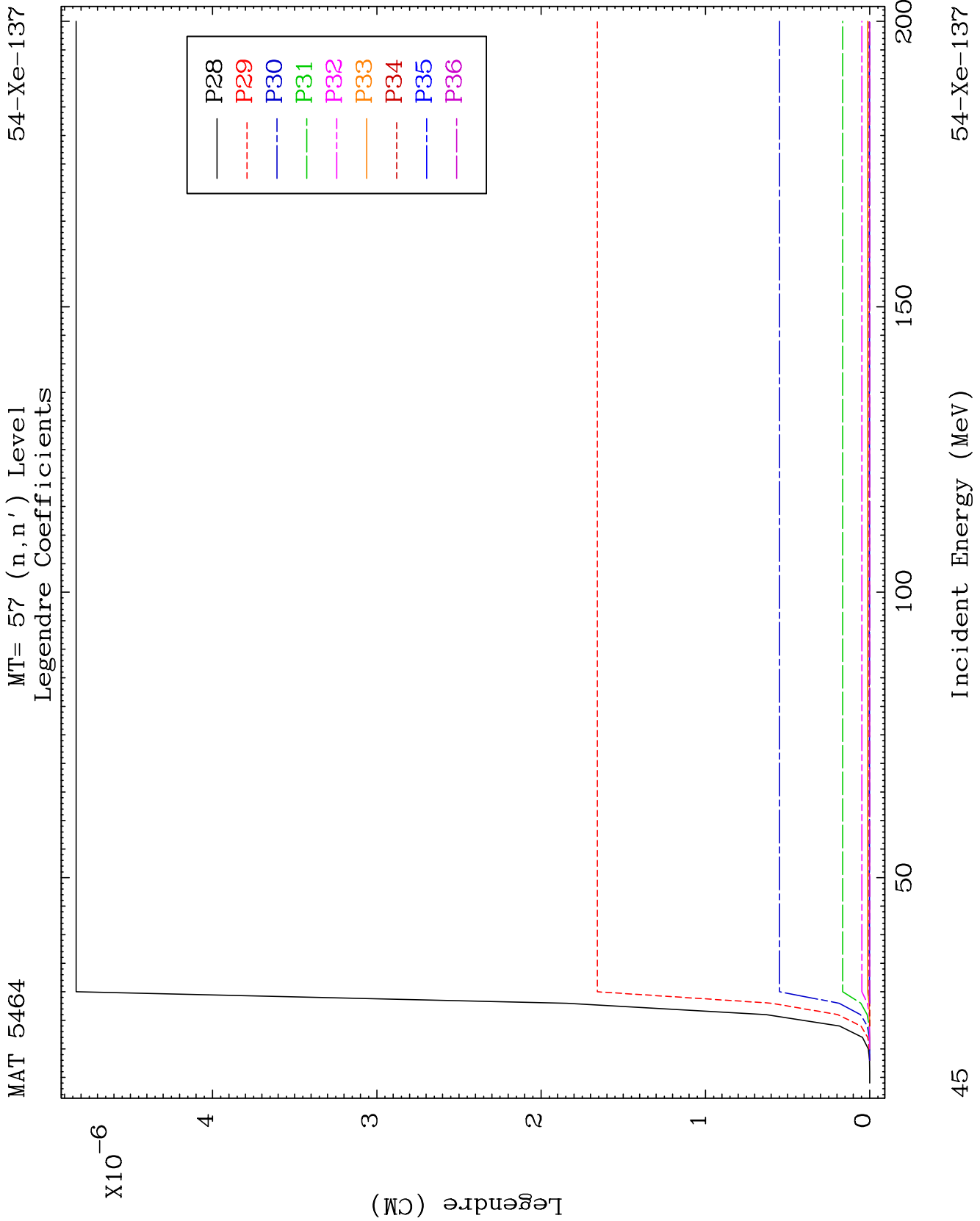
54-Xe-137







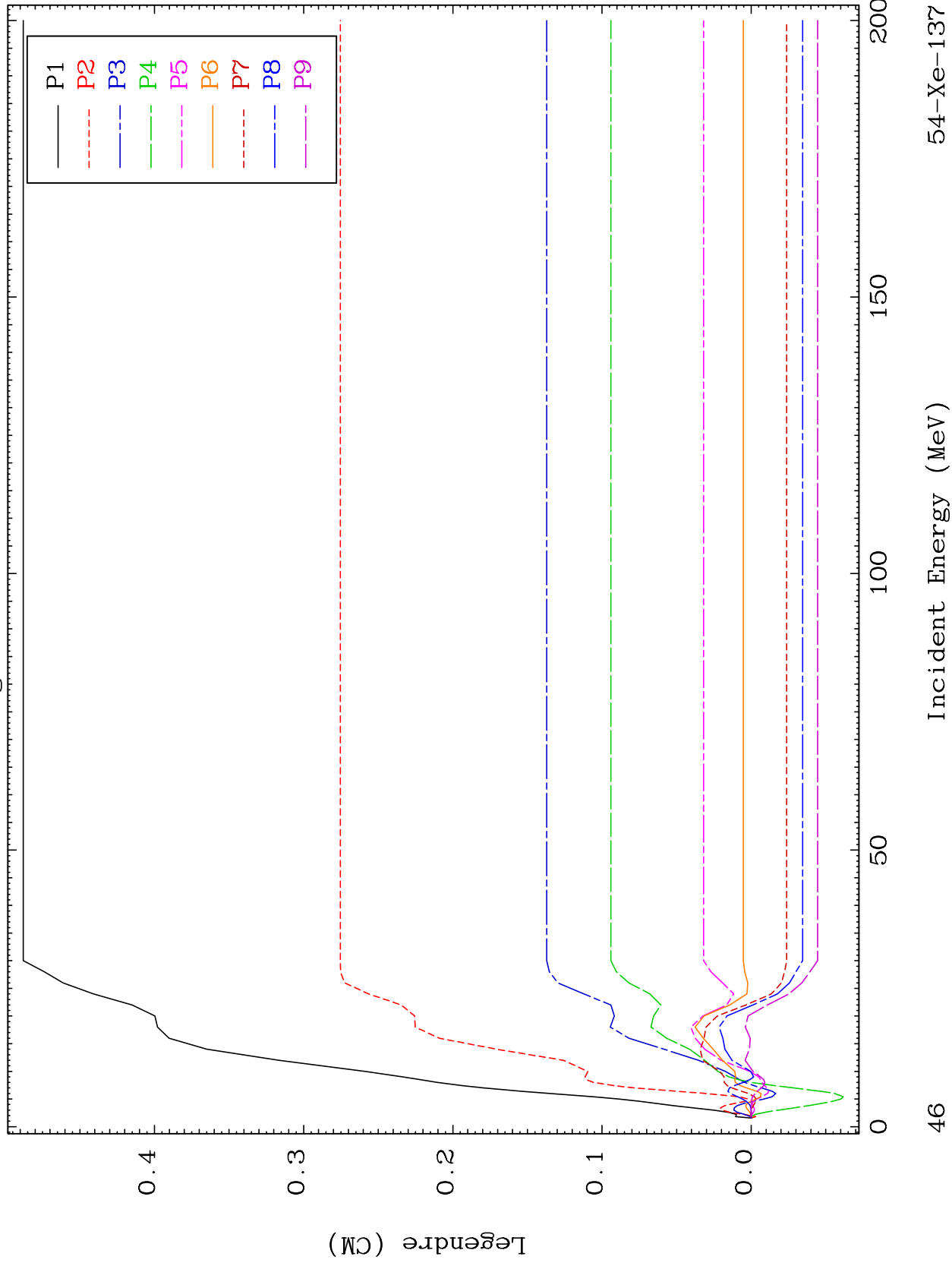


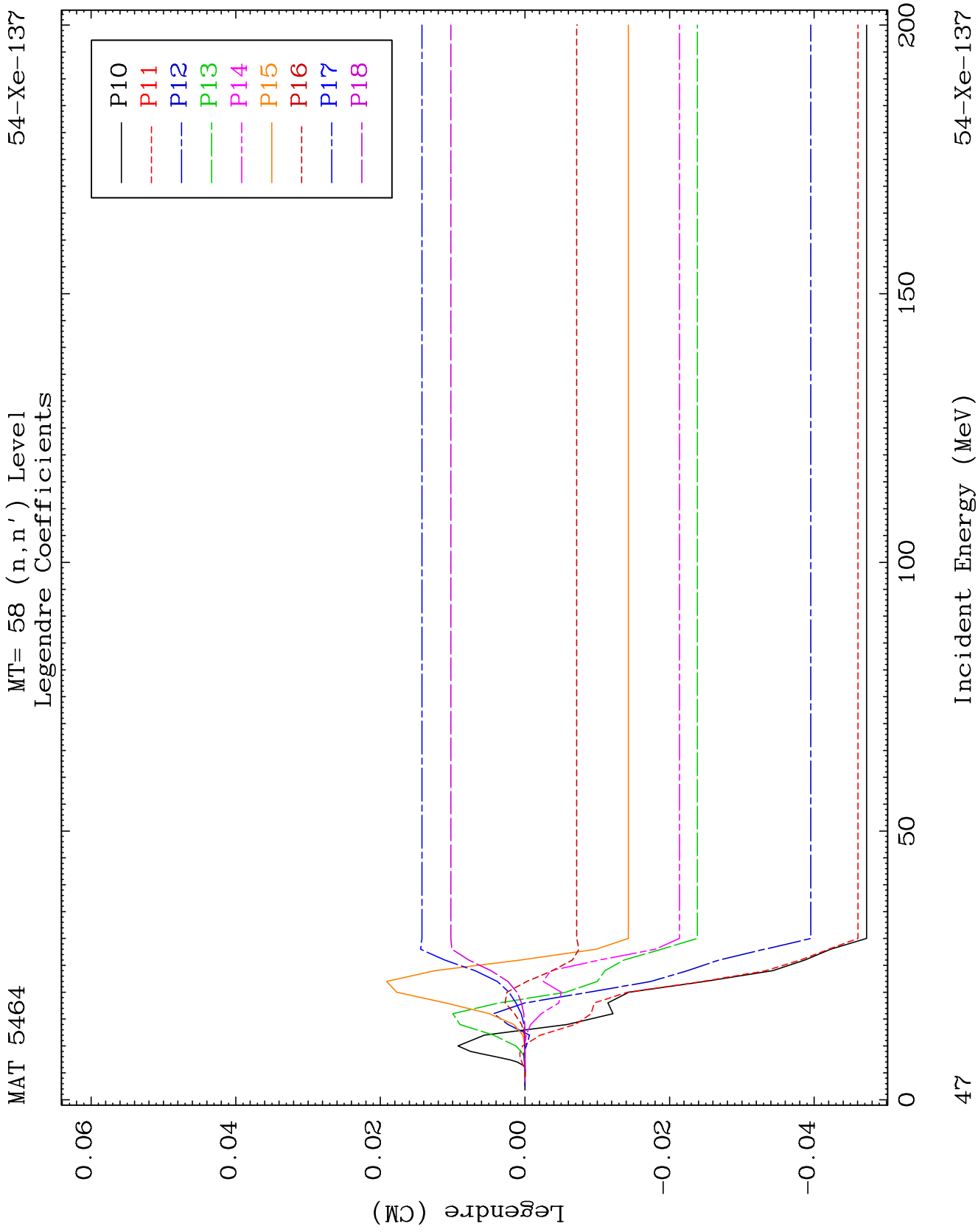


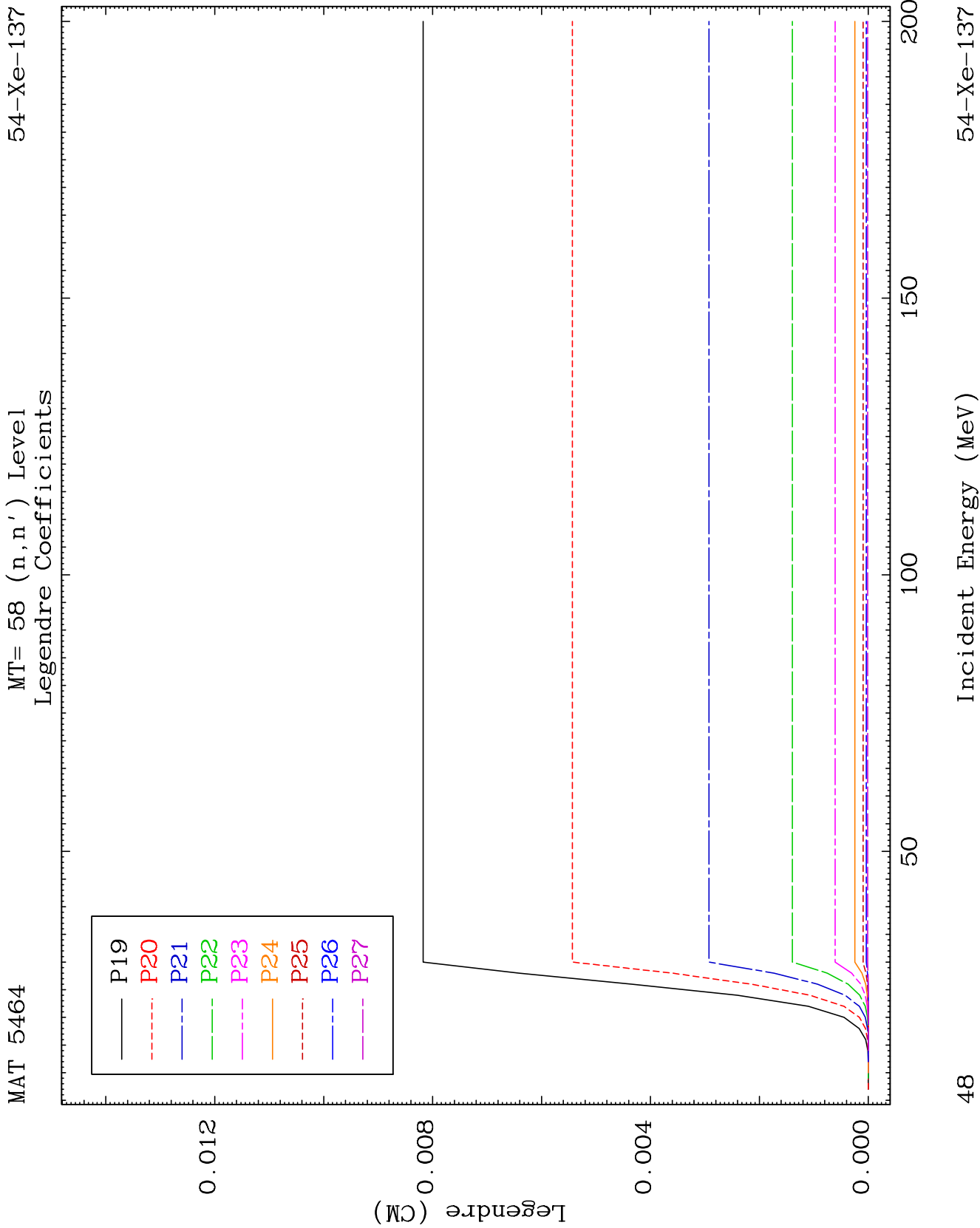
MAT 5464

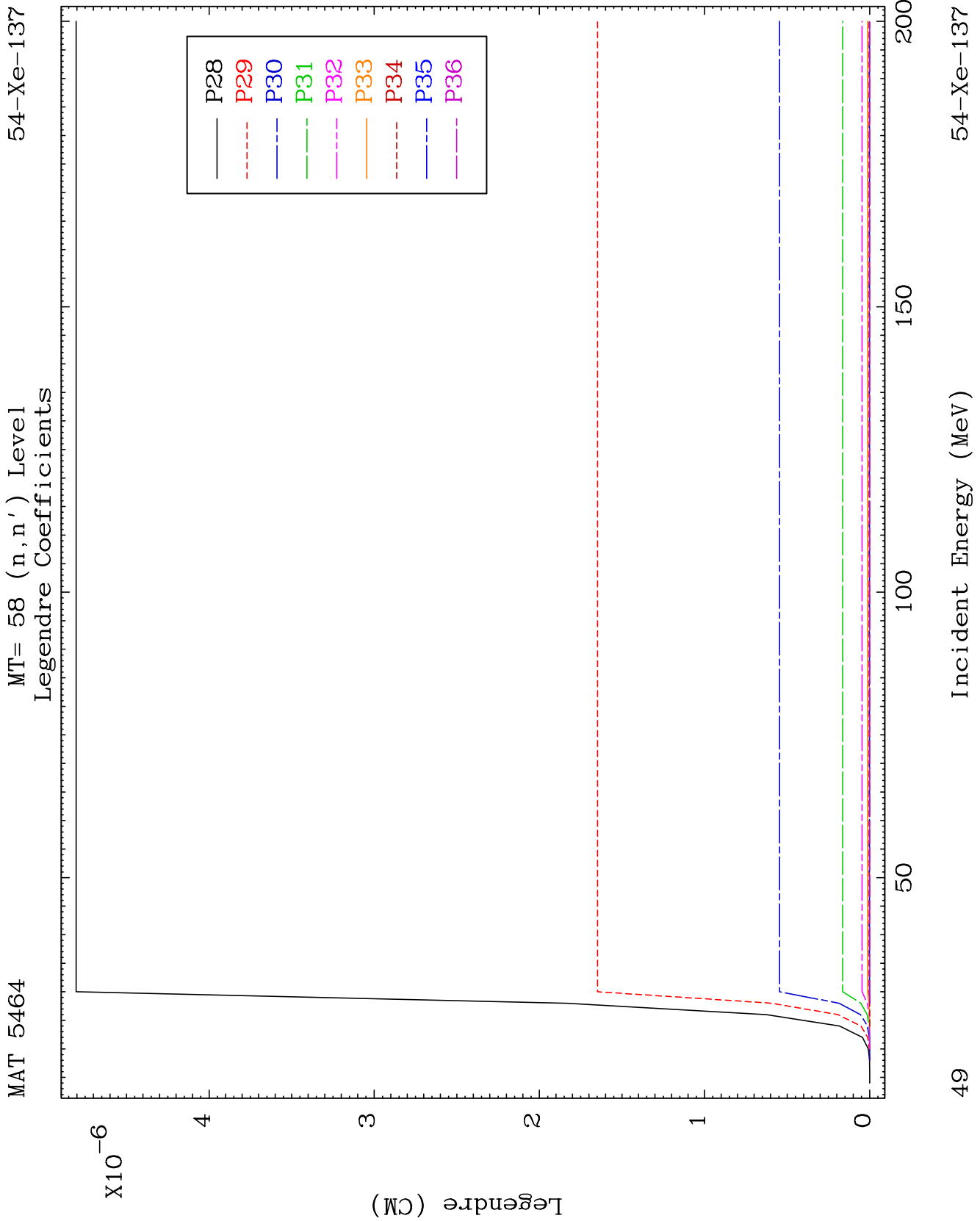
MT= 58 (n, n') Level
Legendre Coefficients

54-Xe-137





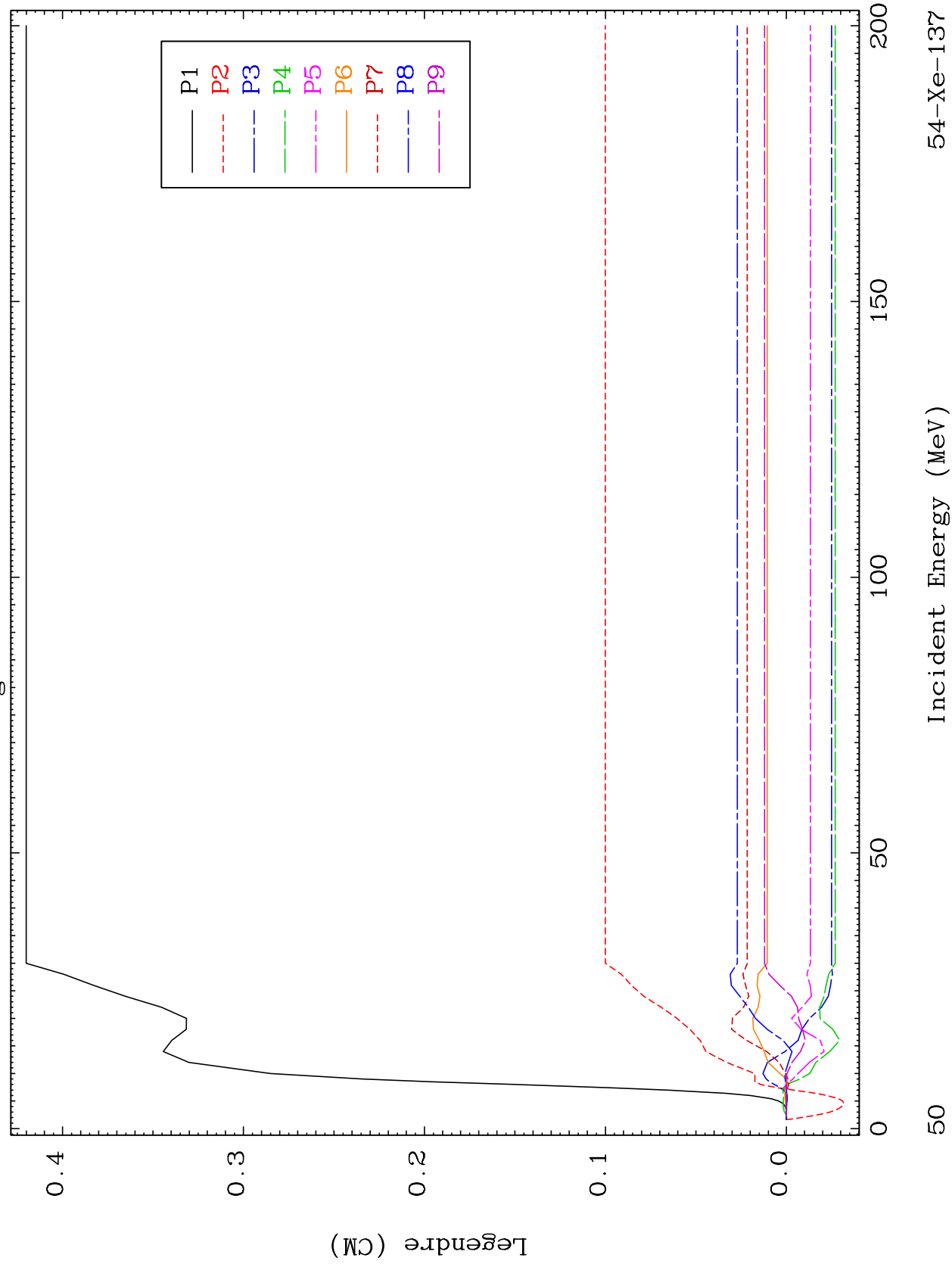


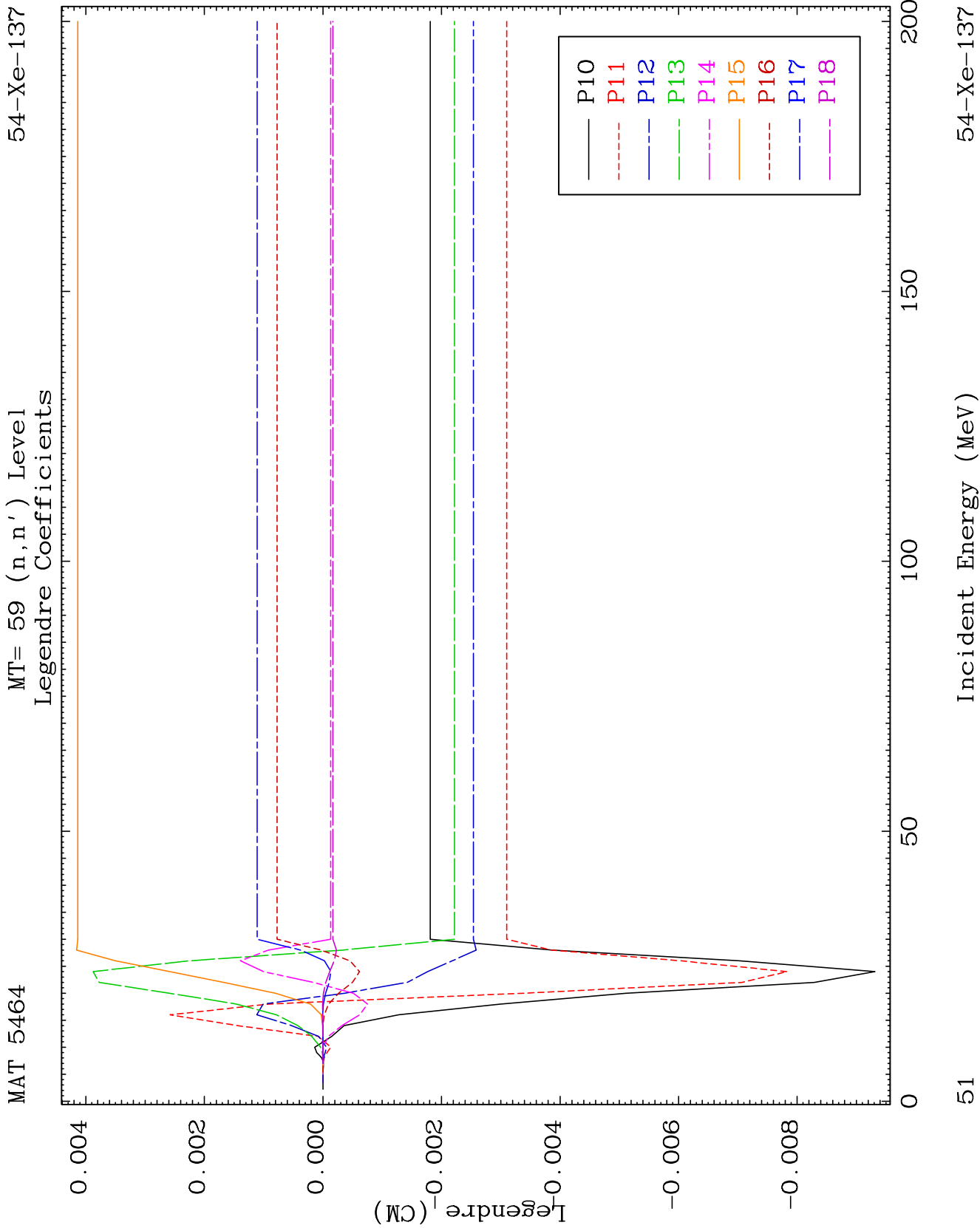


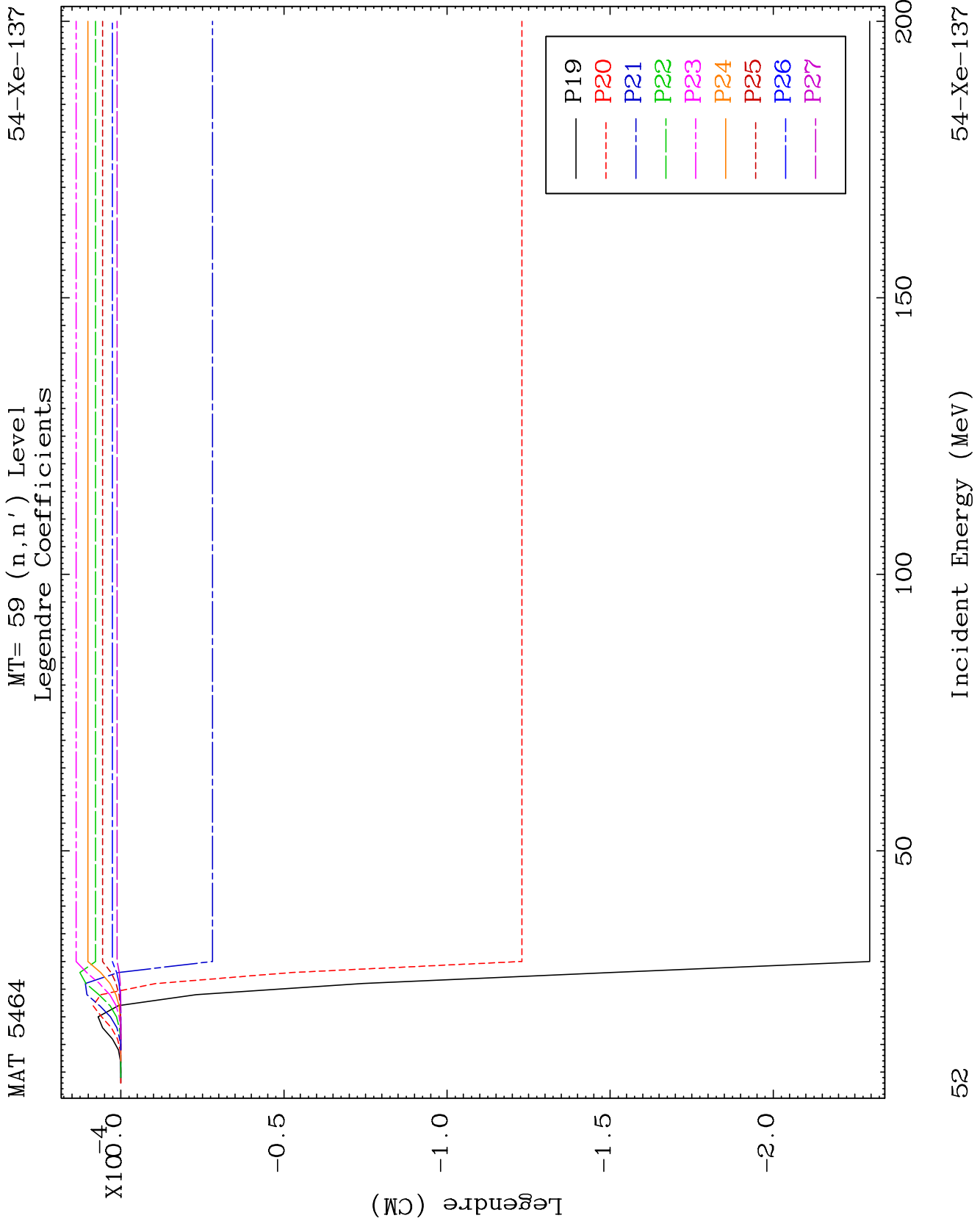
MAT 5464

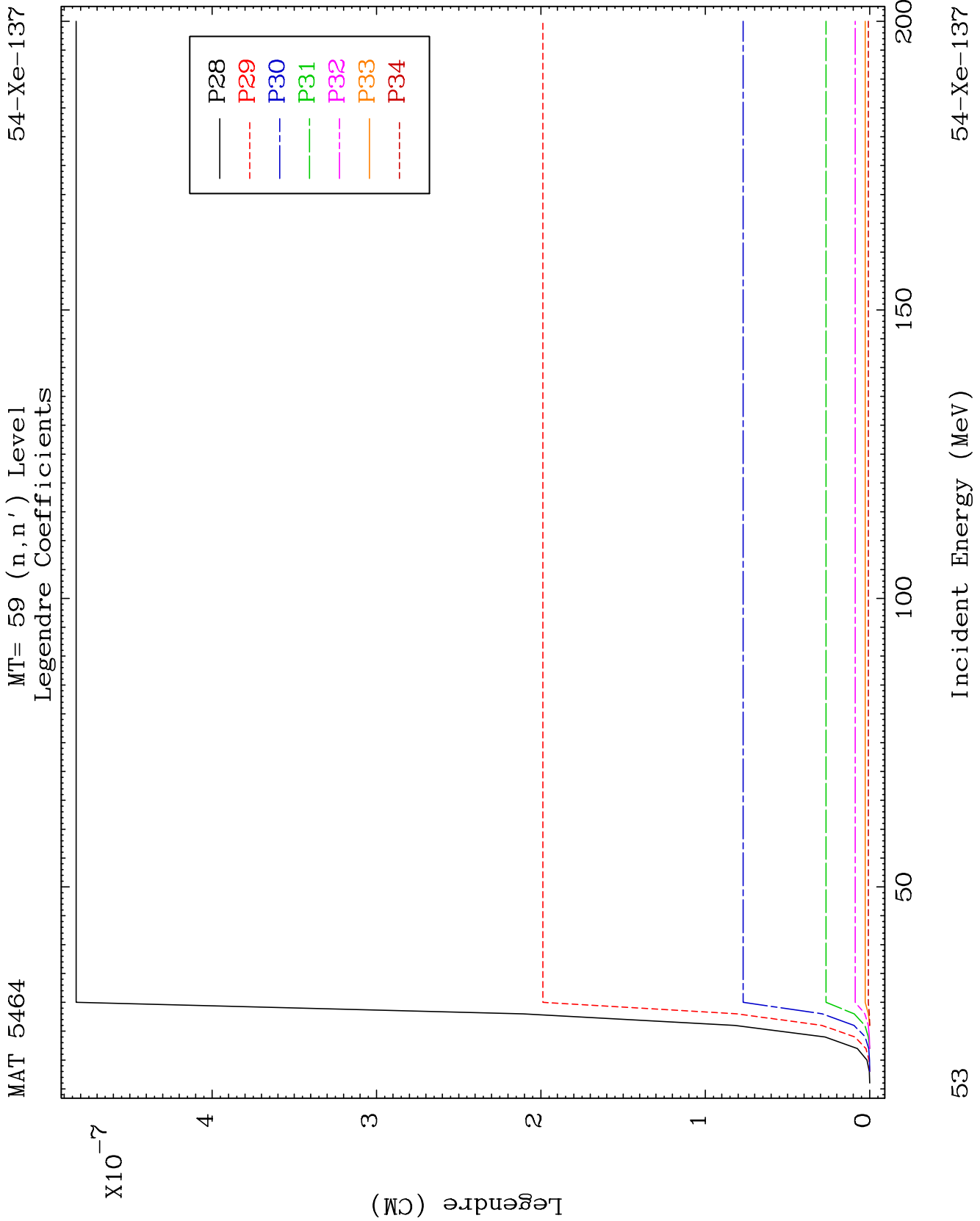
MT= 59 (n, n') Level
Legendre Coefficients

54-Xe-137





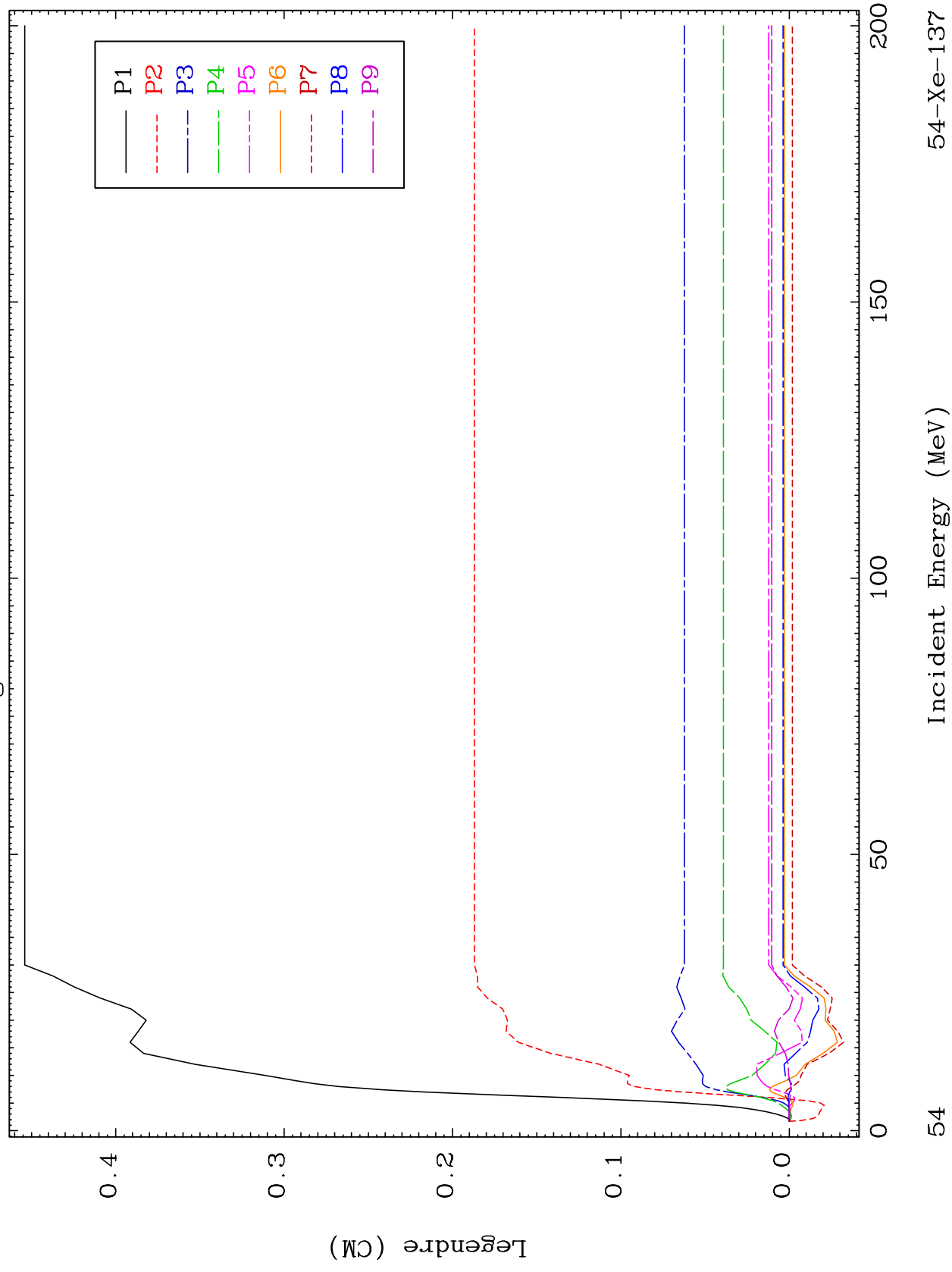


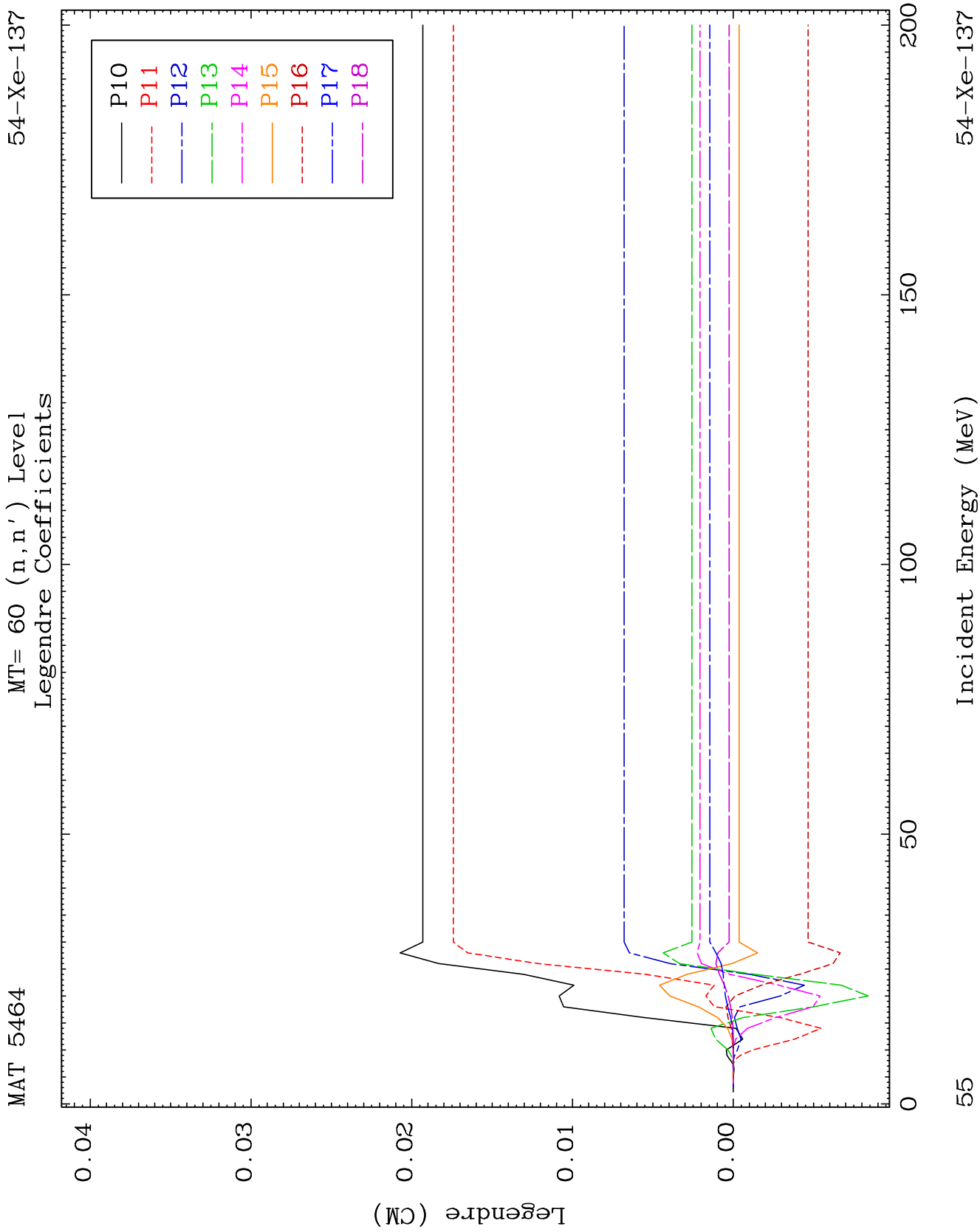


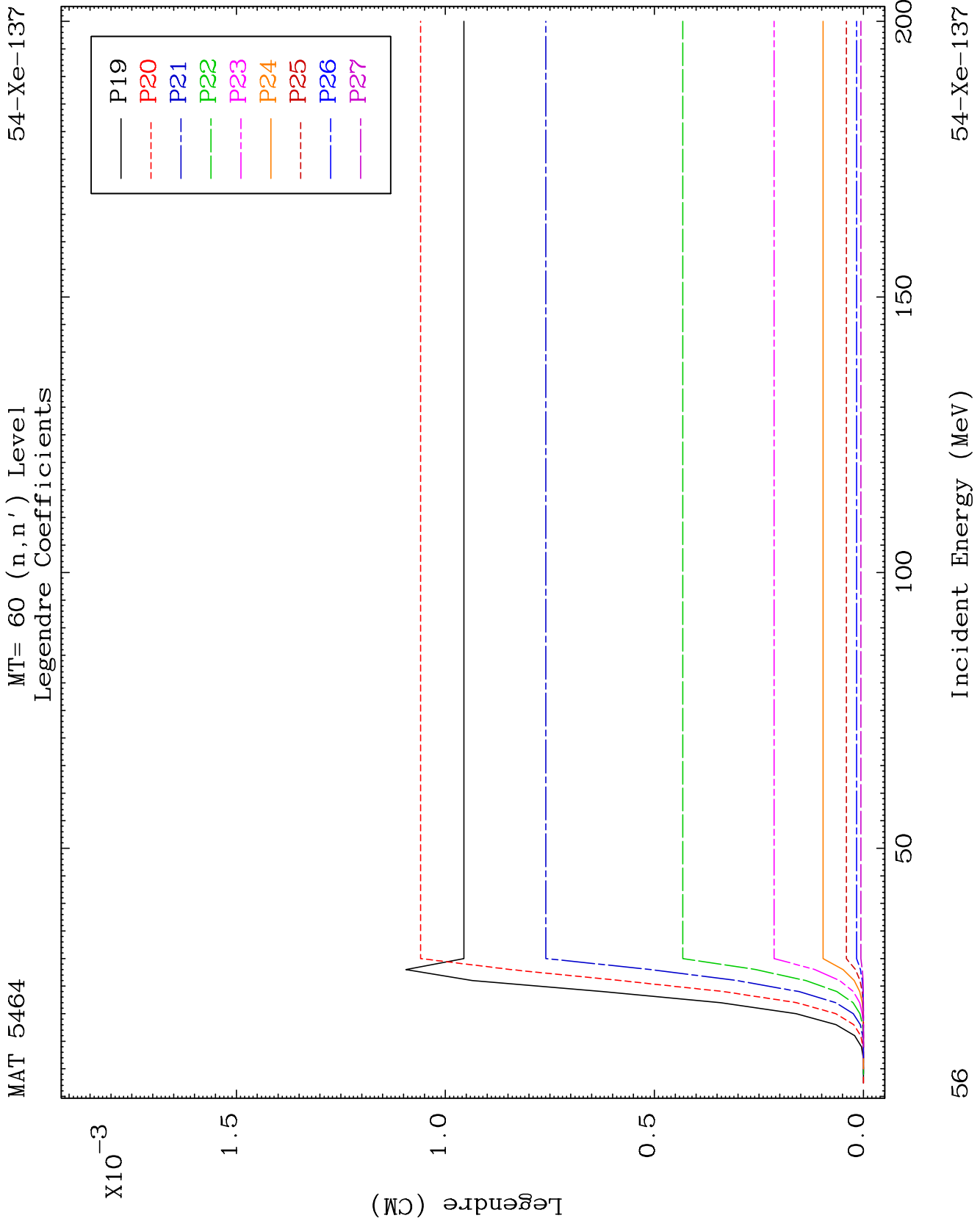
MAT 5464

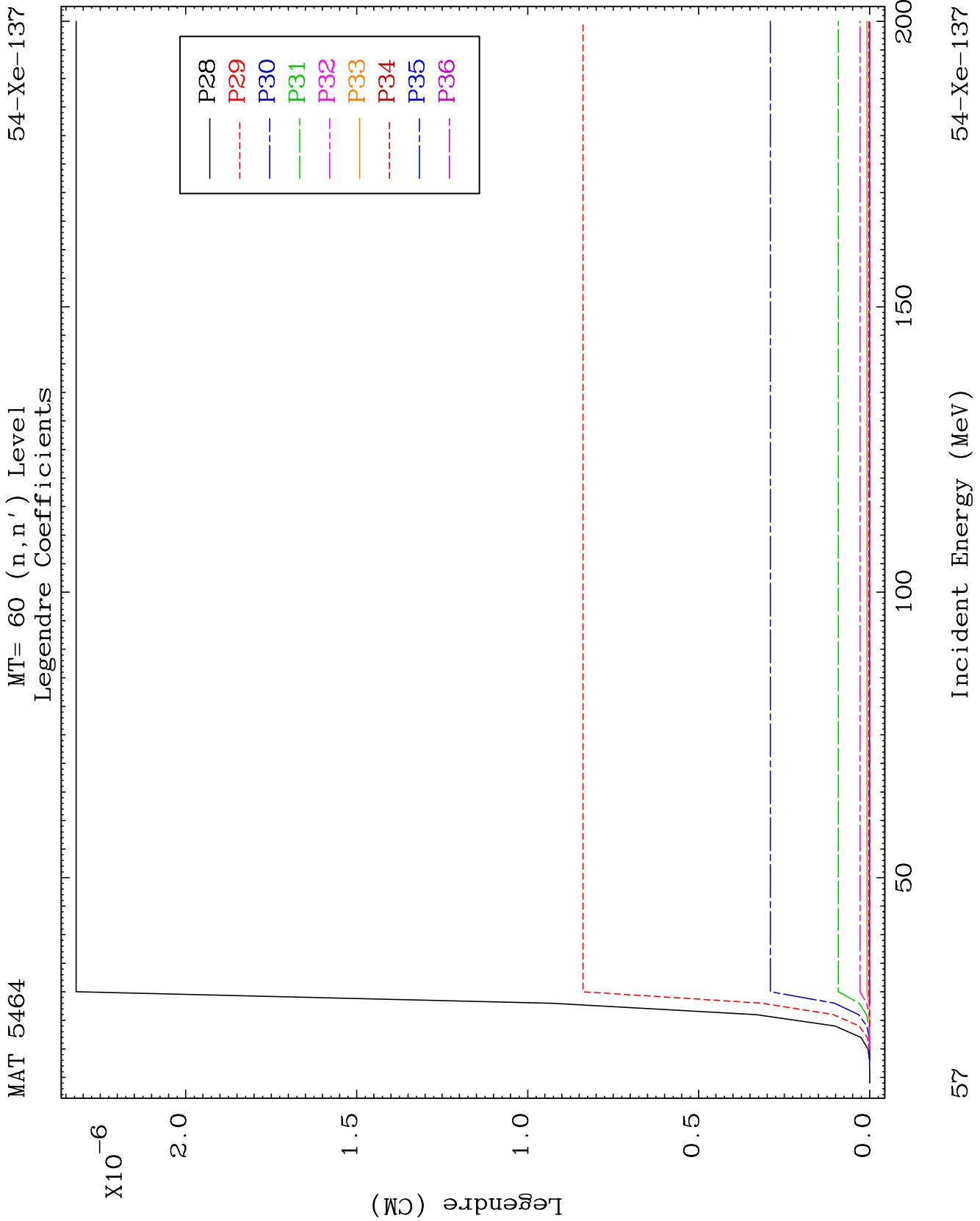
MT= 60 (n, n') Level
Legendre Coefficients

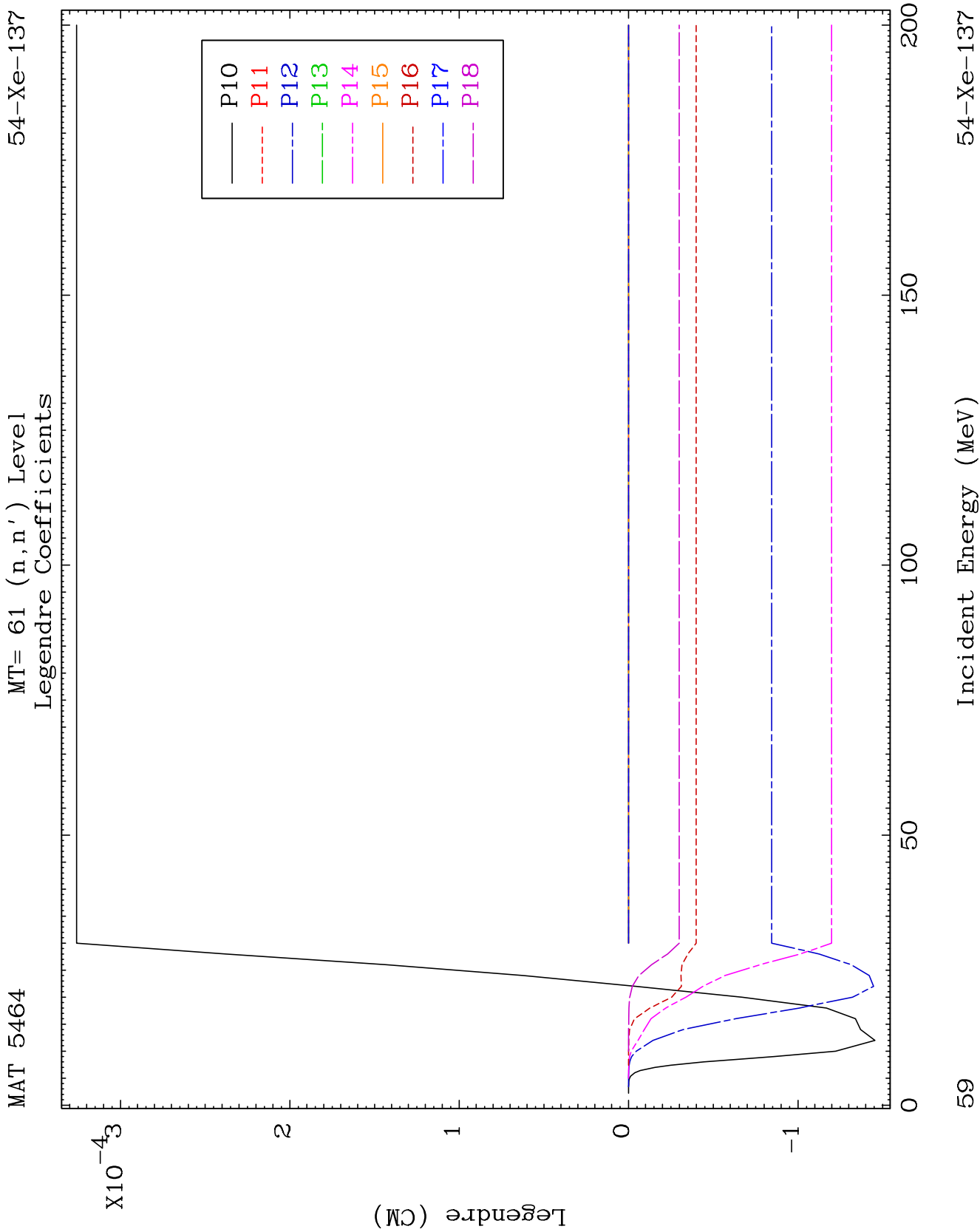
54-Xe-137

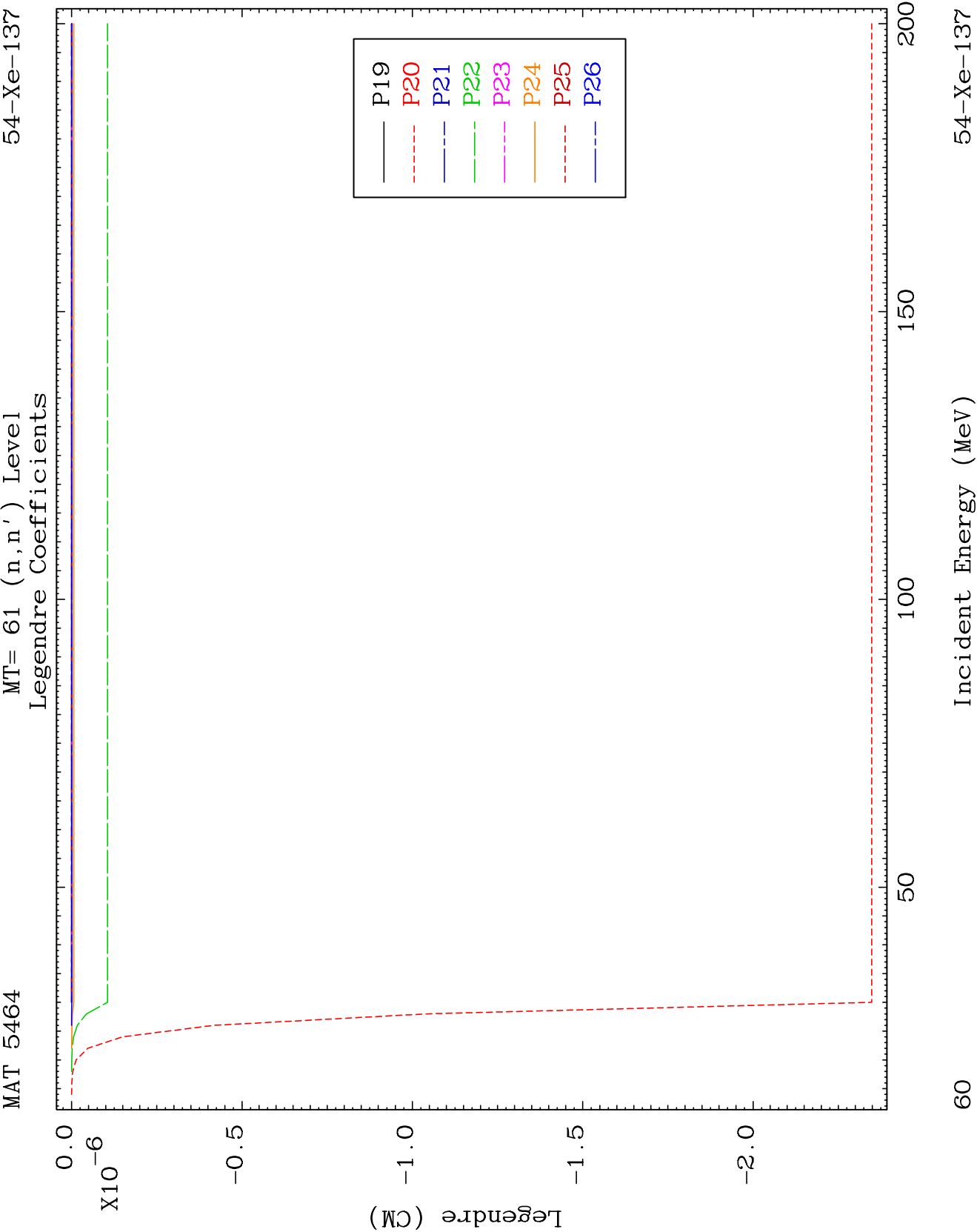








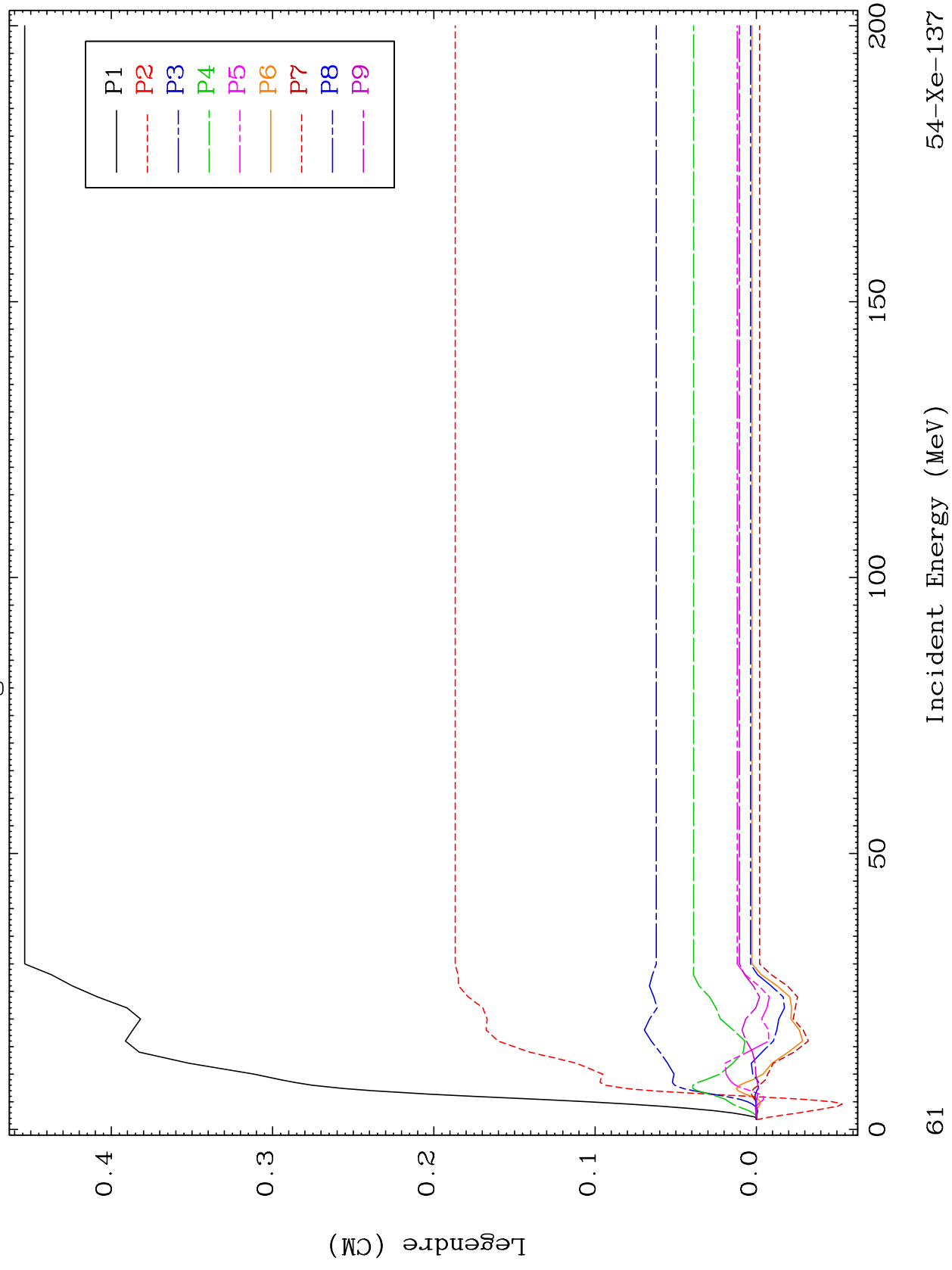




MAT 5464

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

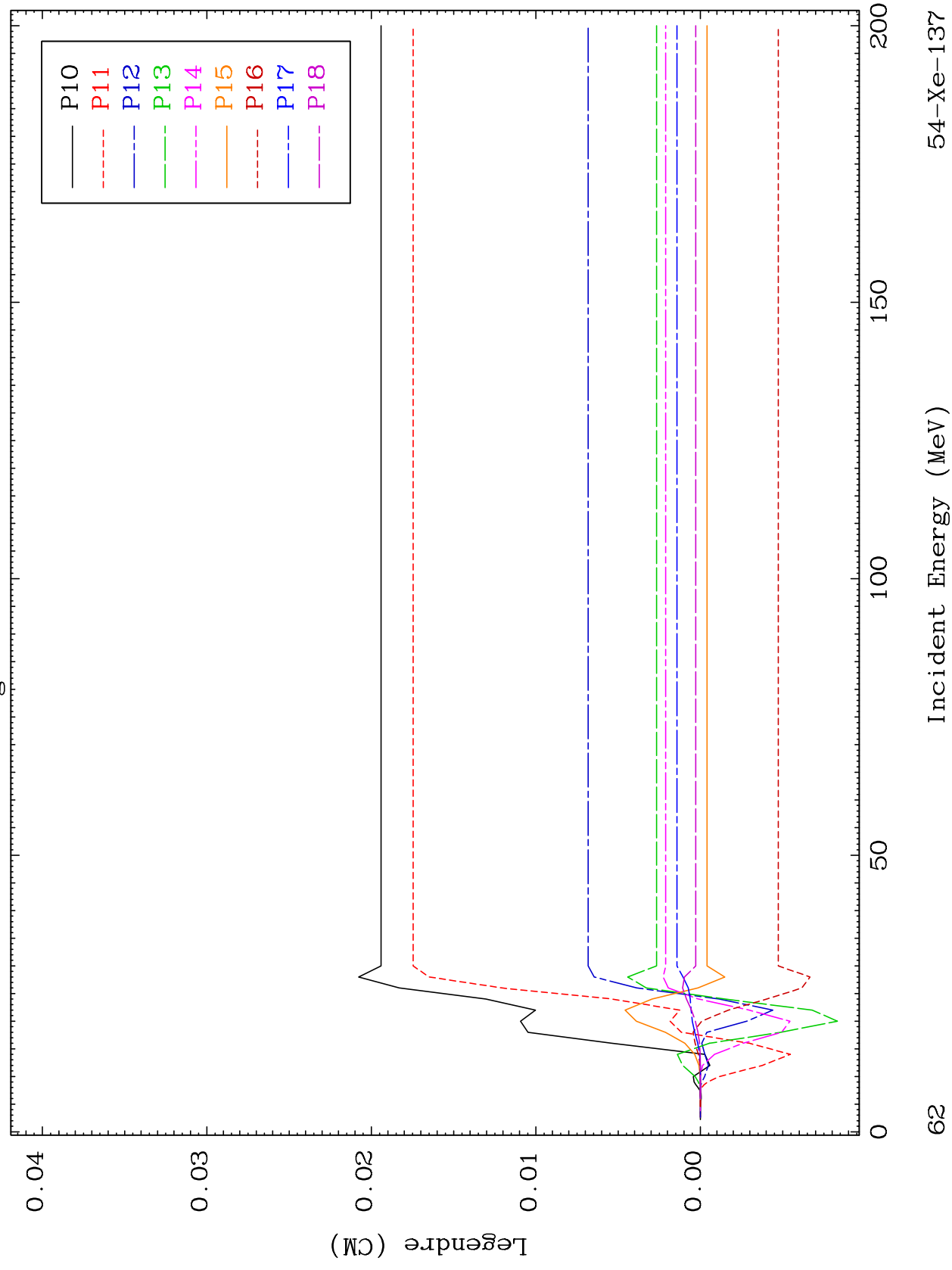
54-Xe-137

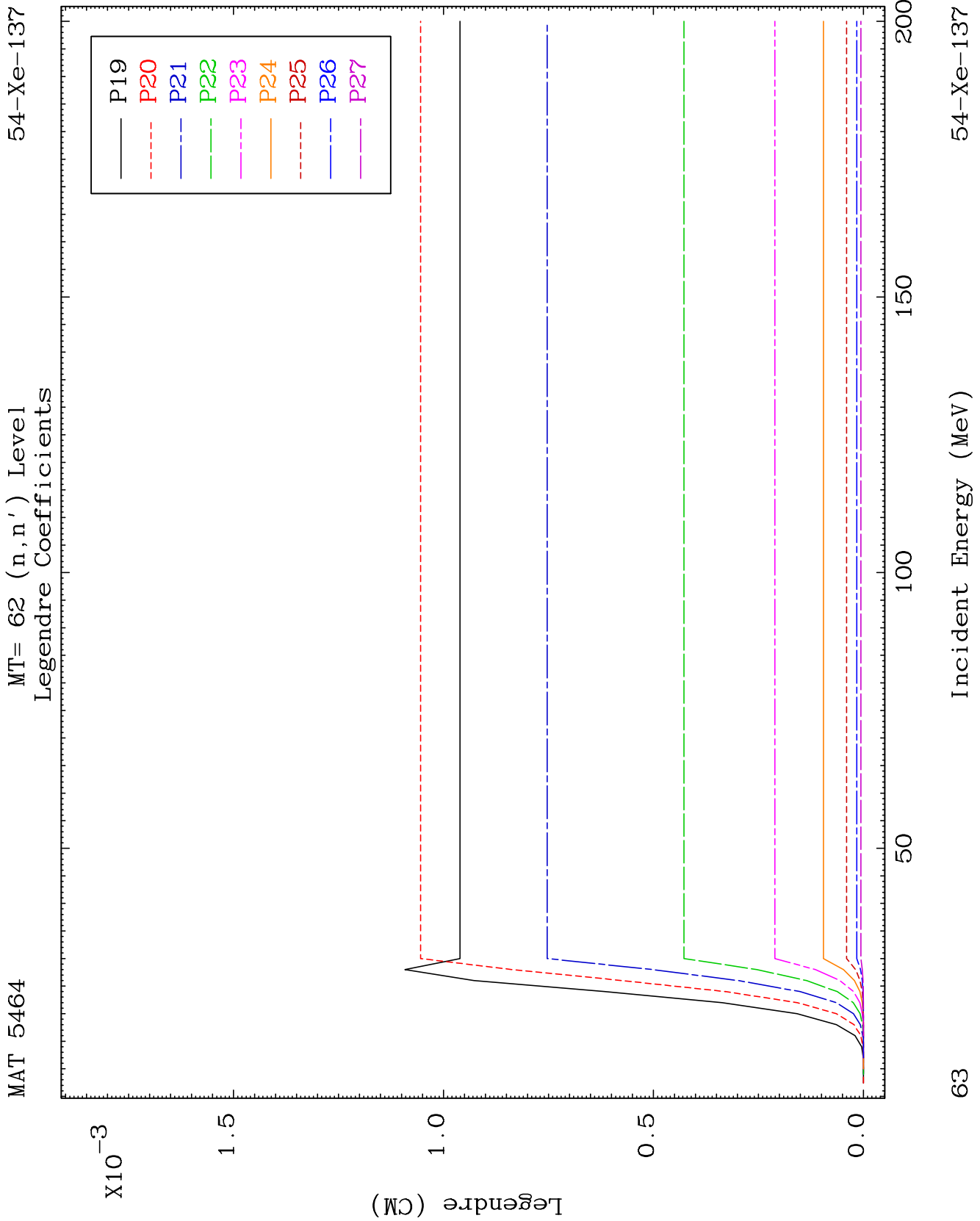


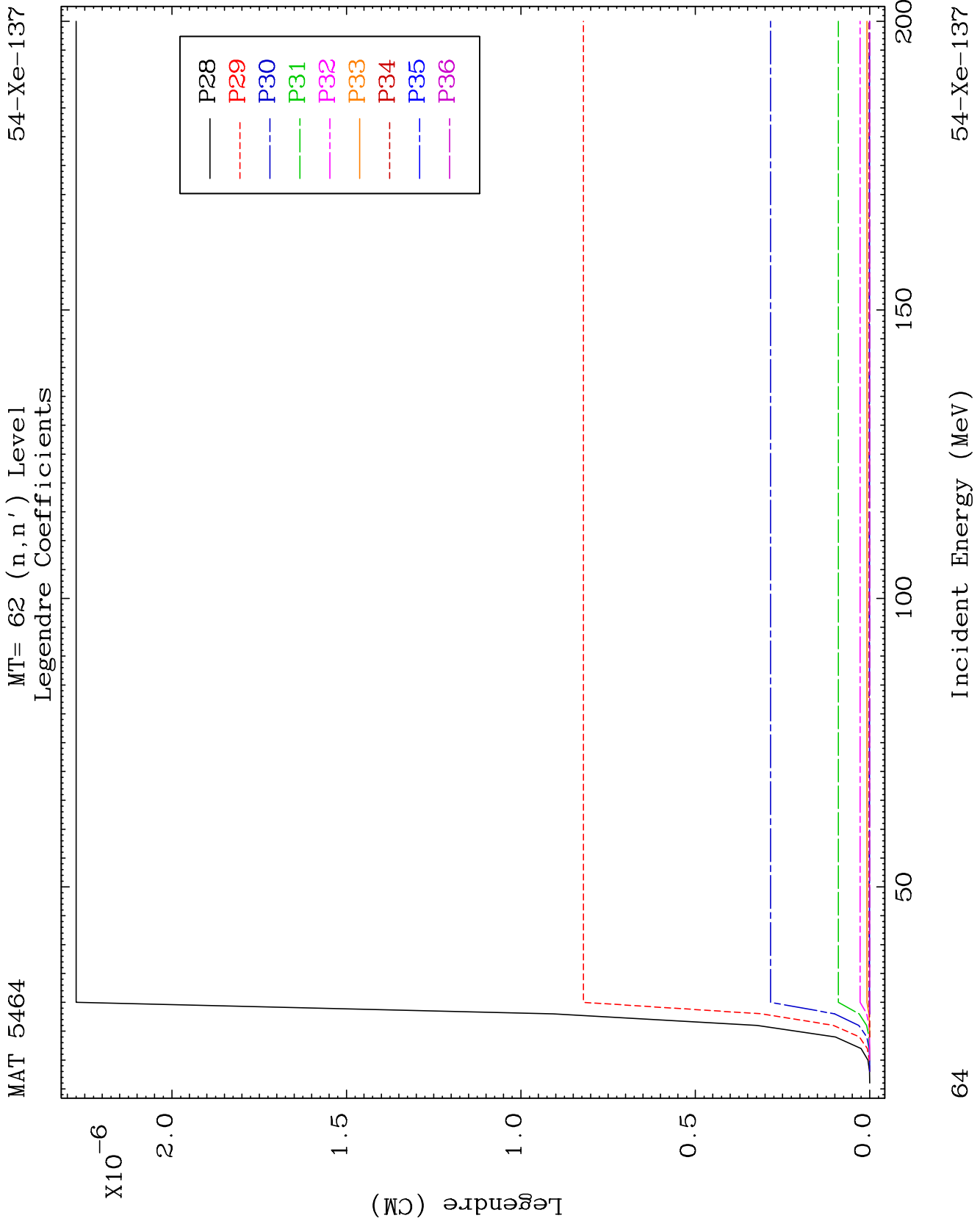
MAT 5464

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

54-Xe-137



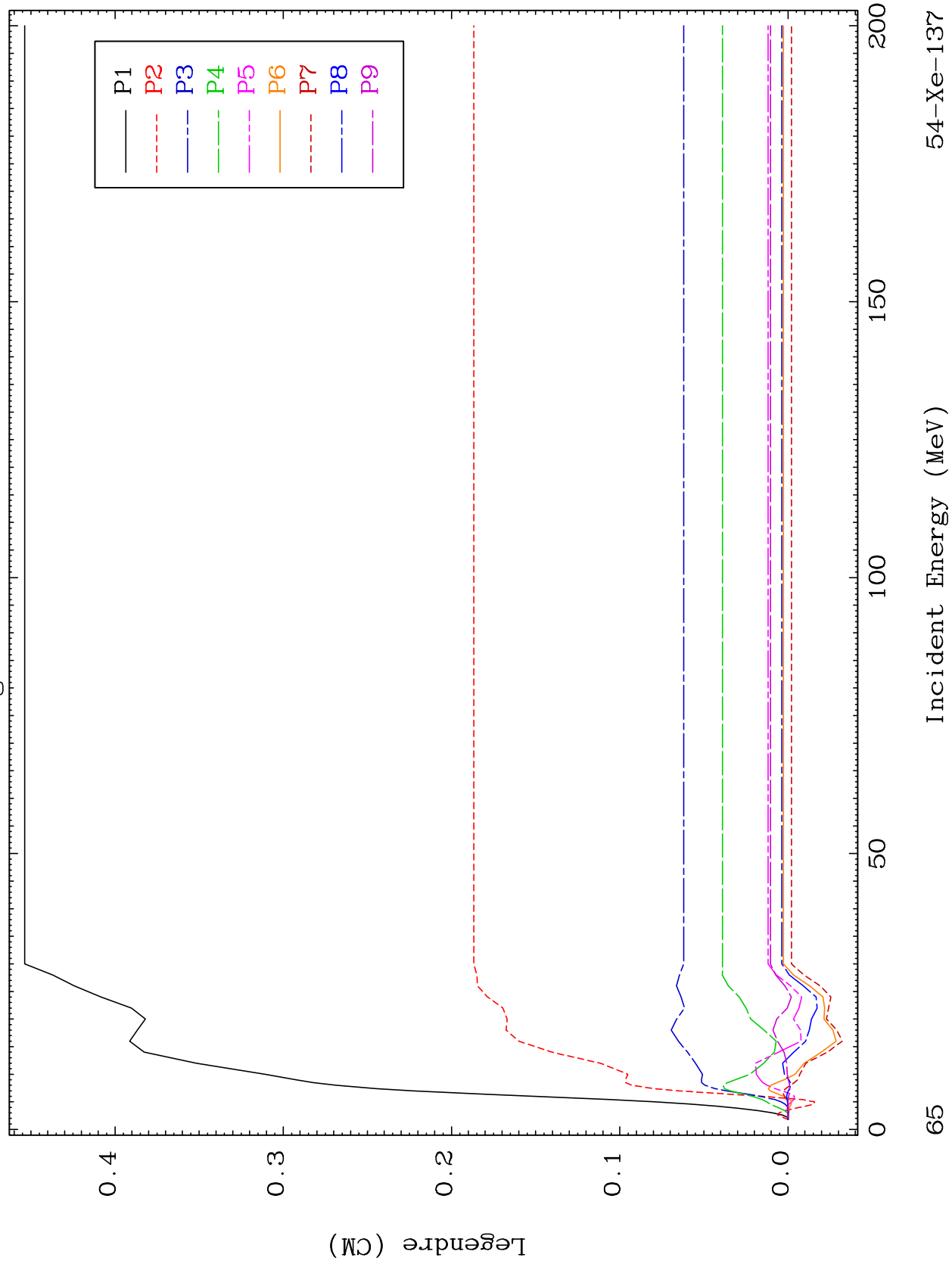


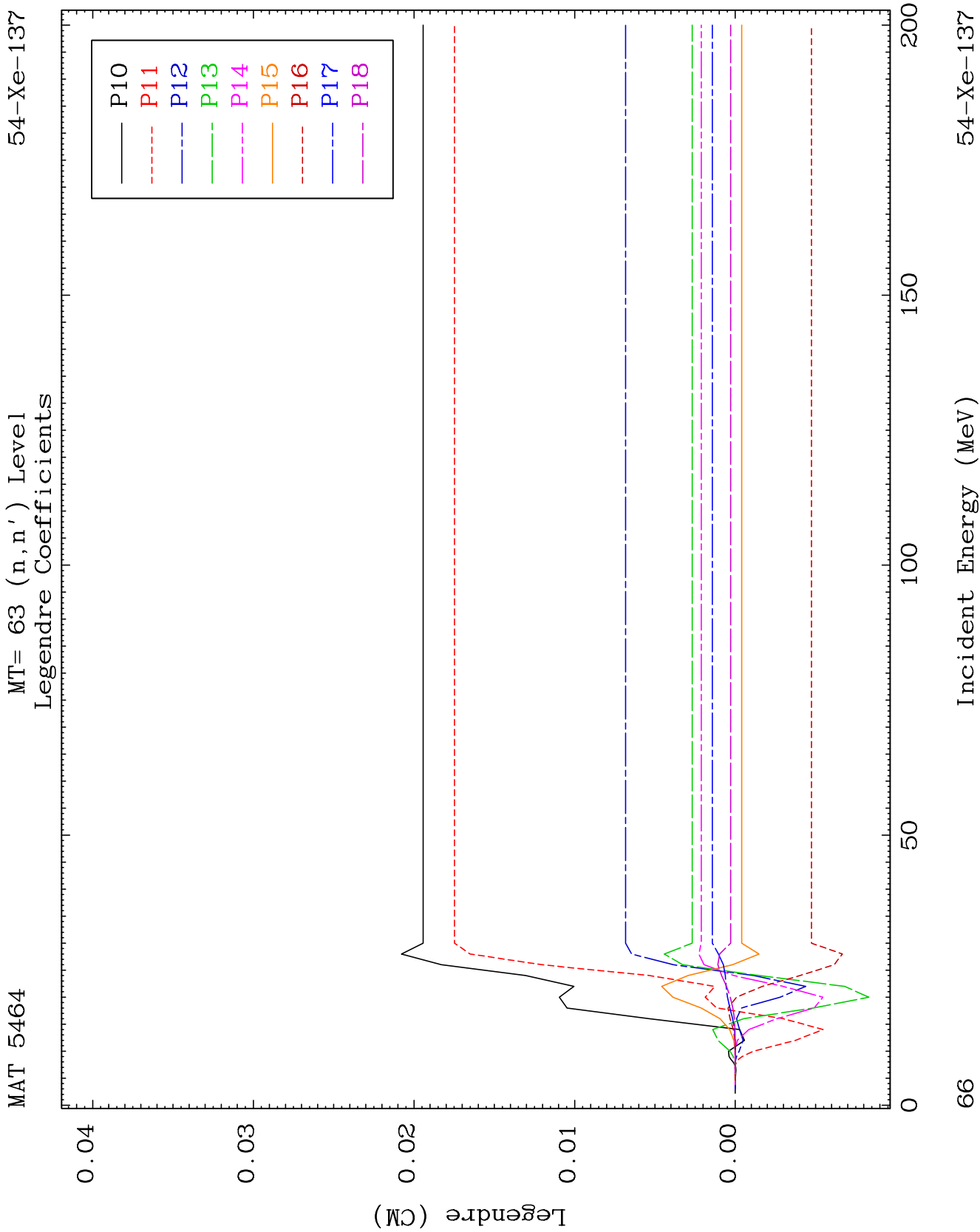


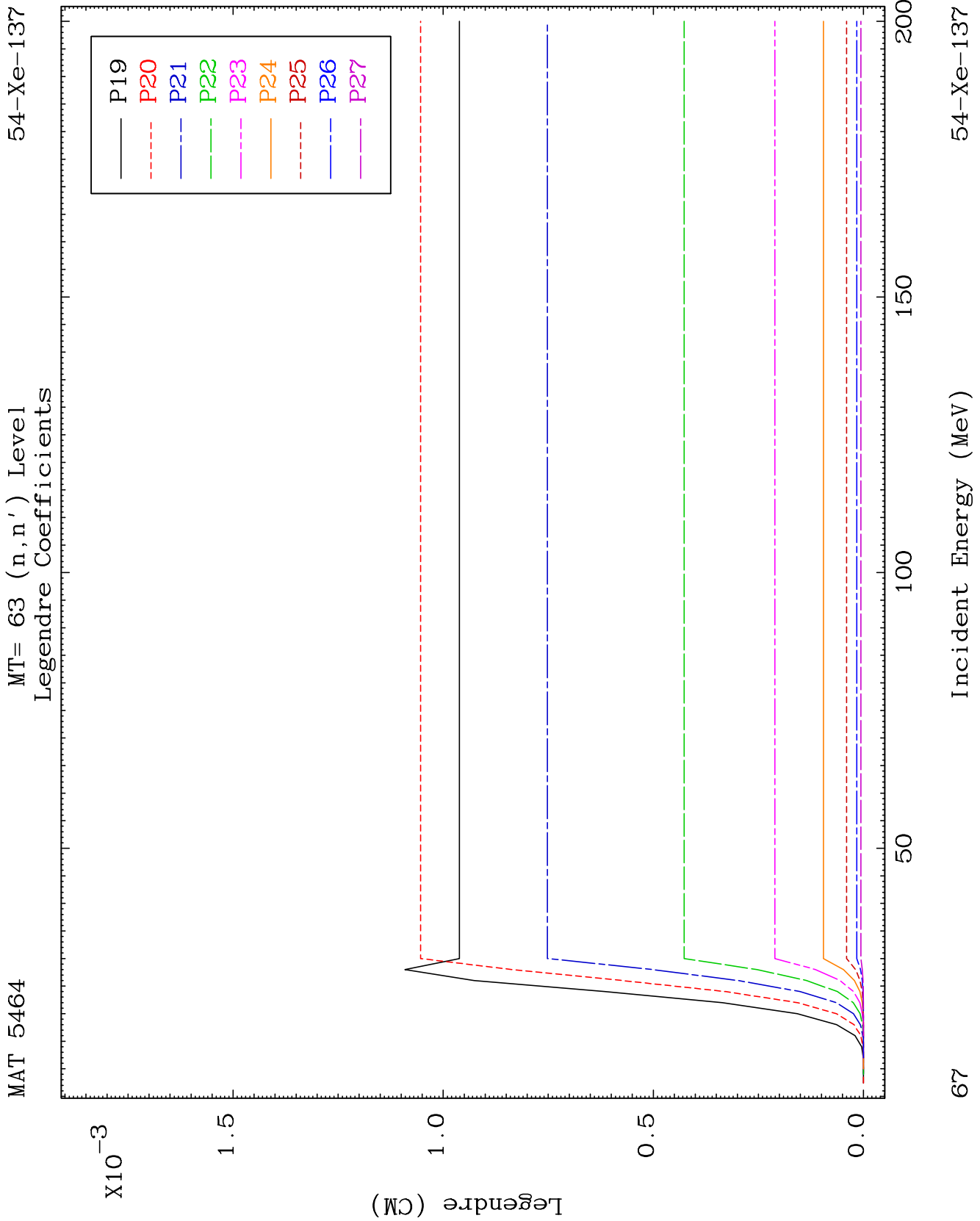
MAT 5464

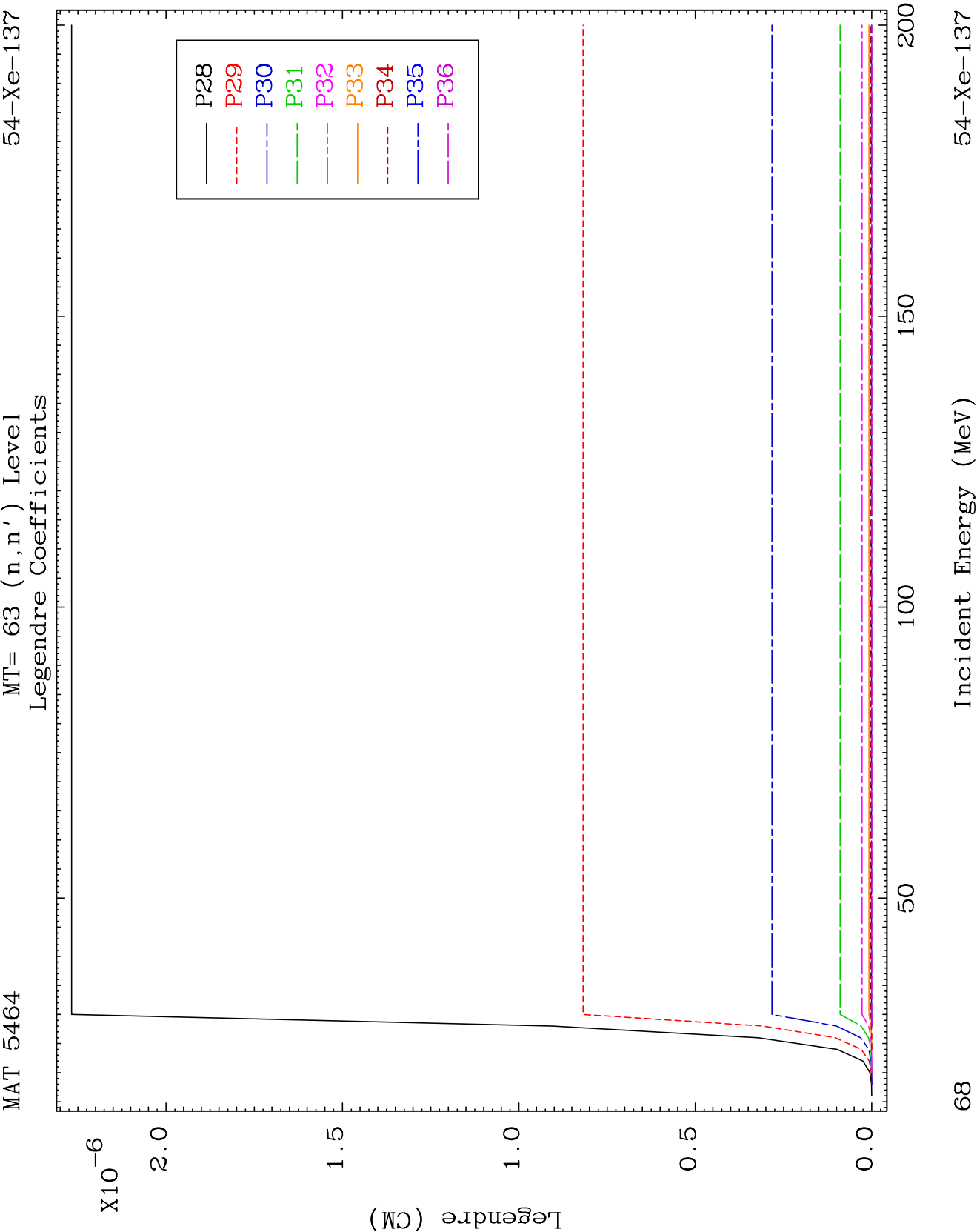
MT= 63 (n, n') Level
Legendre Coefficients

54-Xe-137





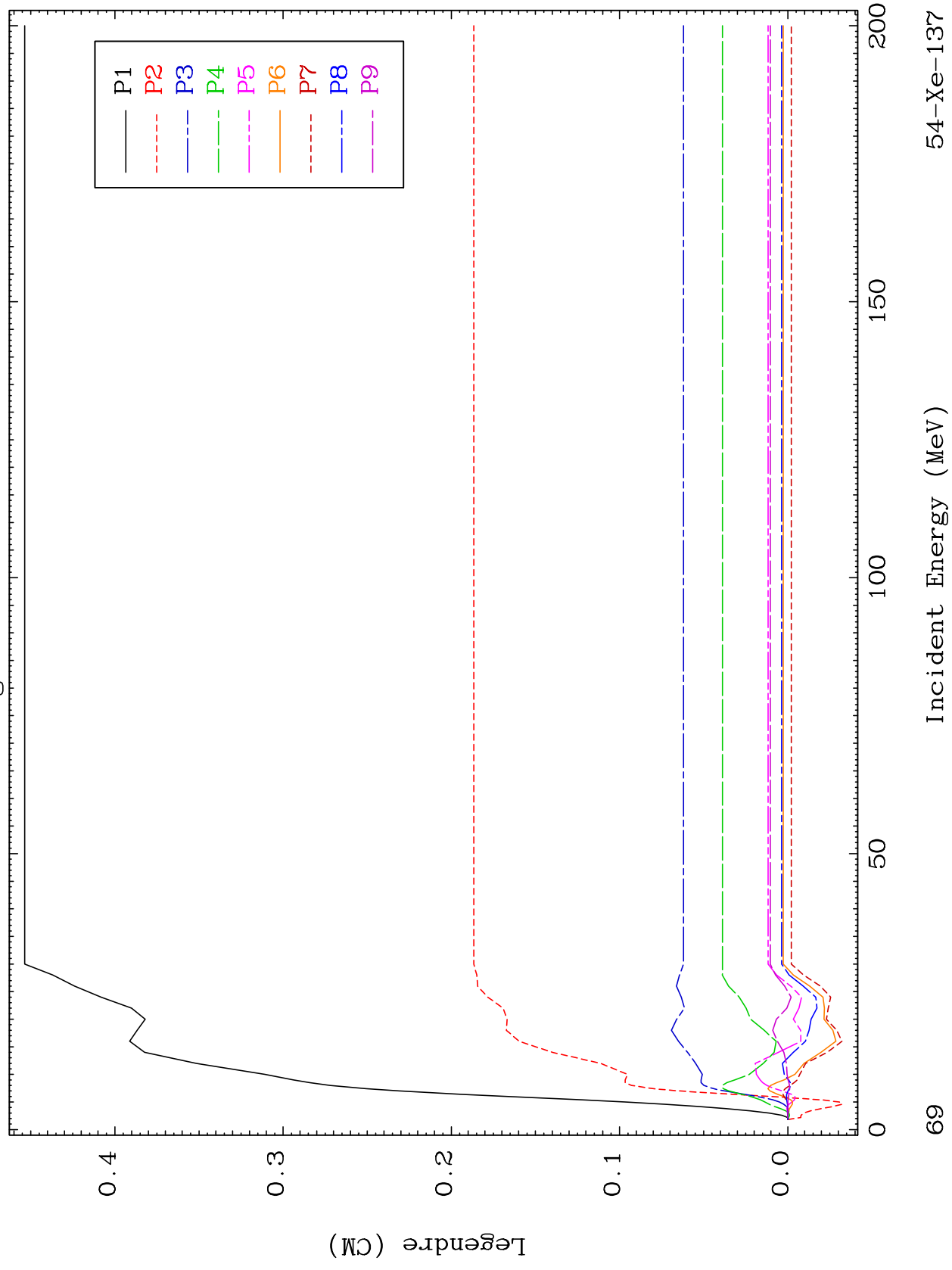




MAT 5464

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

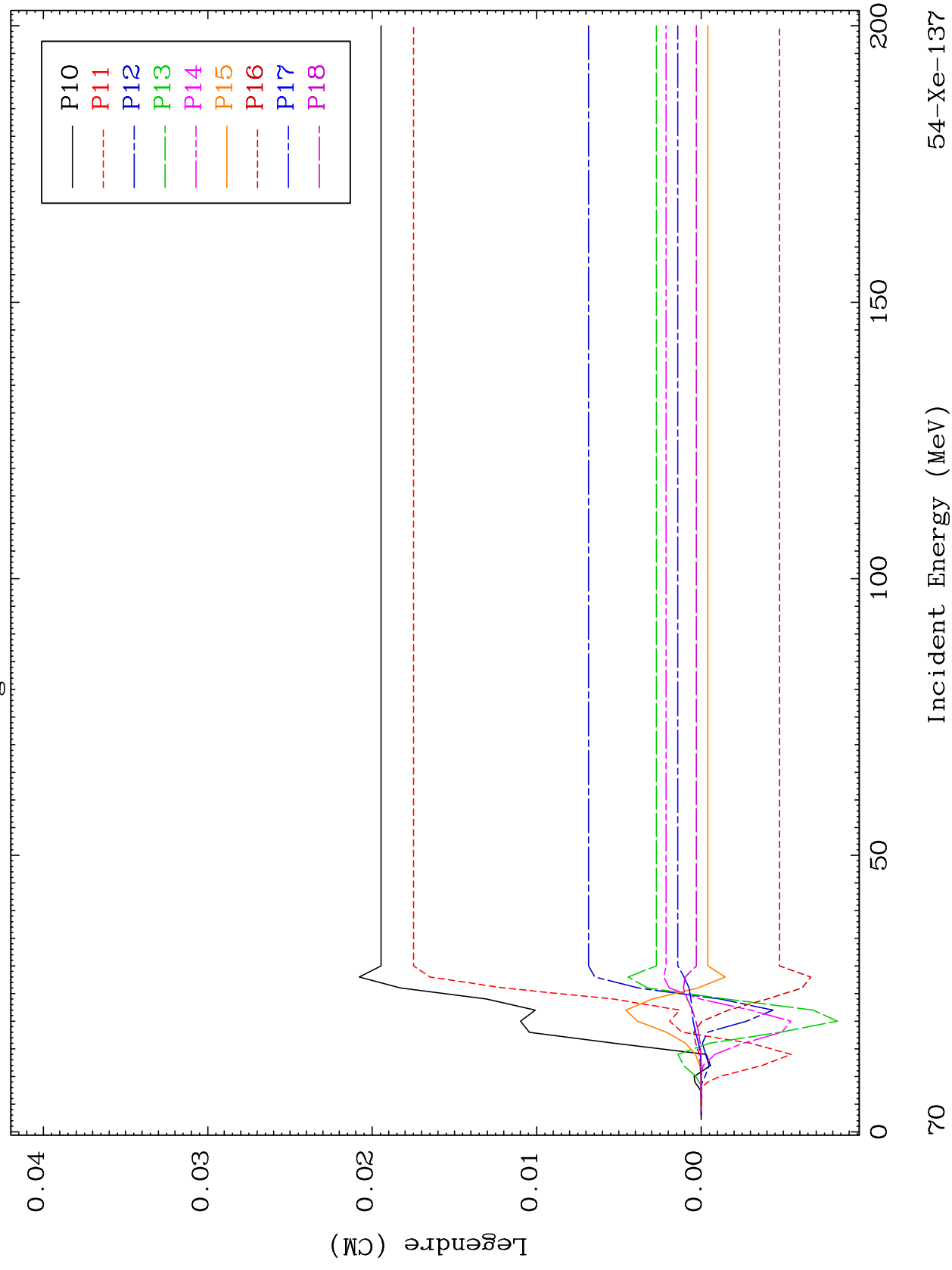
54-Xe-137

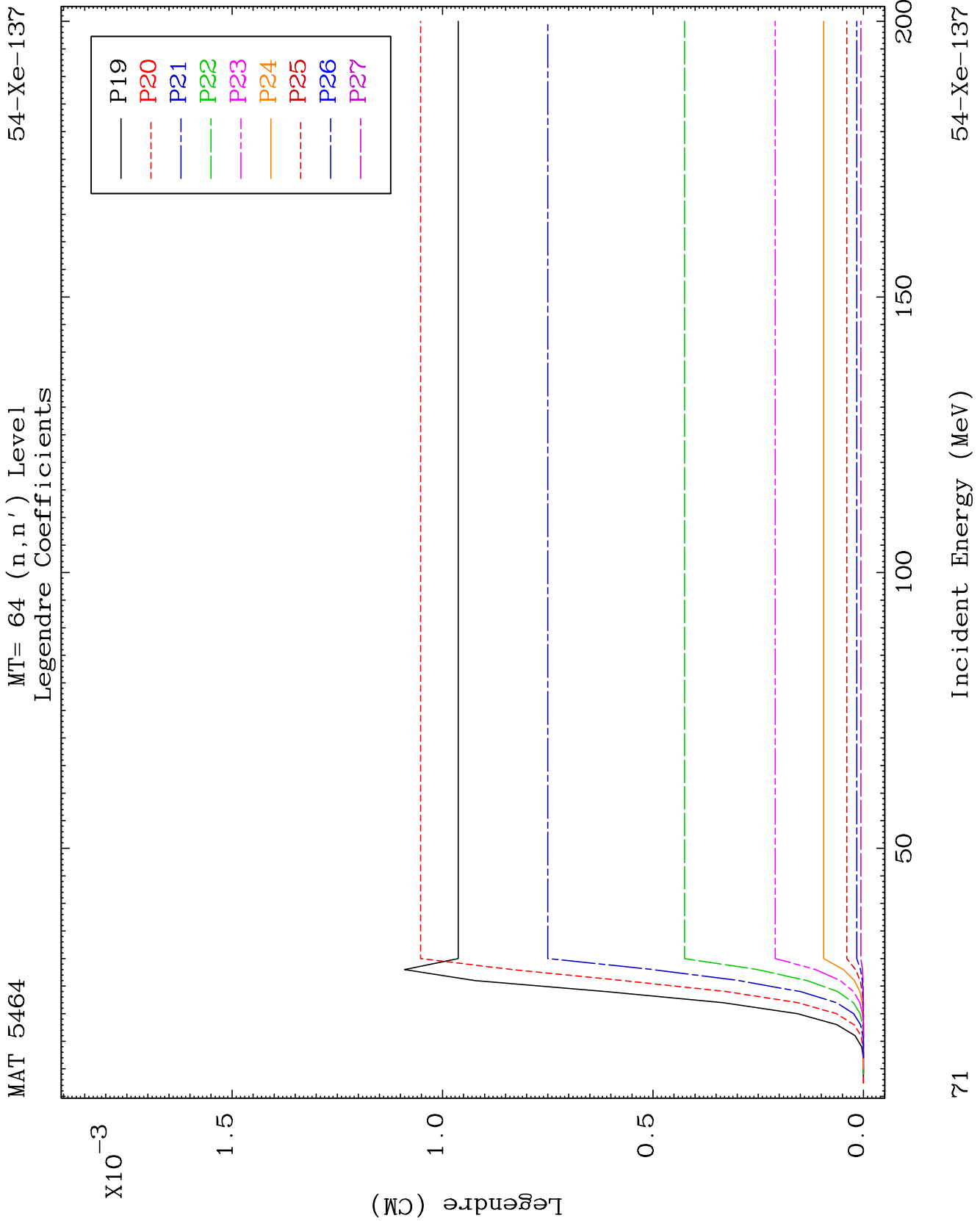


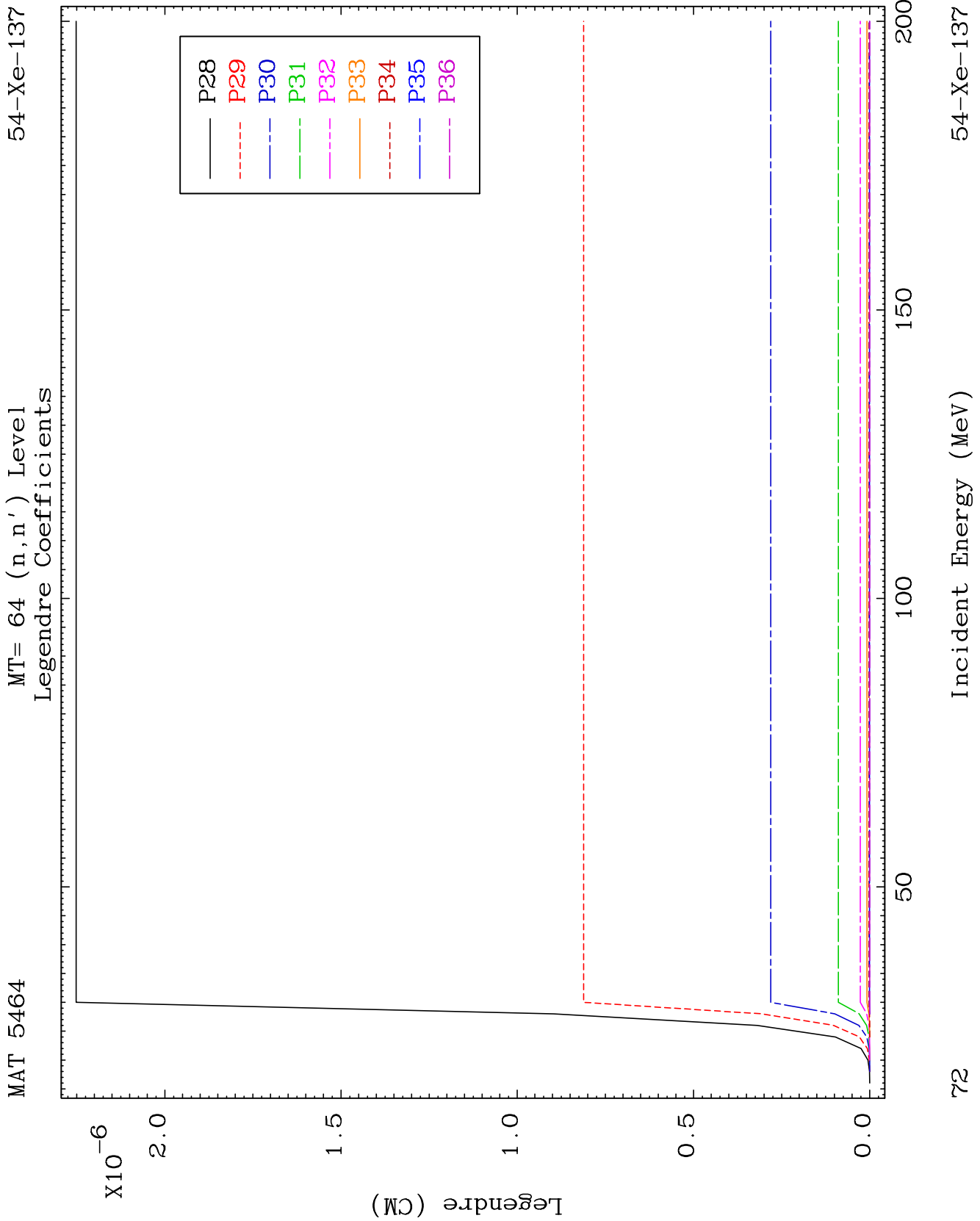
MAT 5464

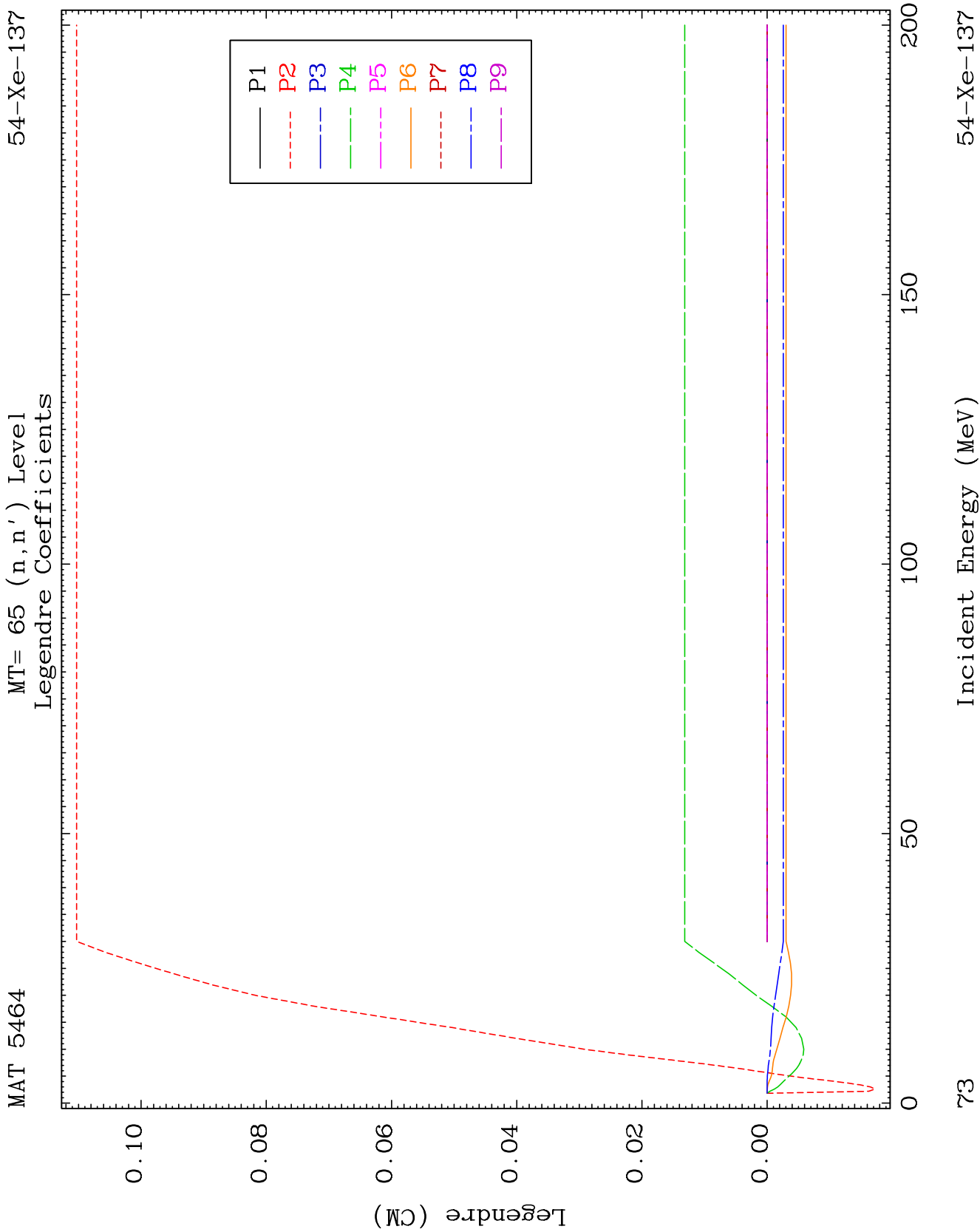
MT= 64 (n, n') Level
Legendre Coefficients

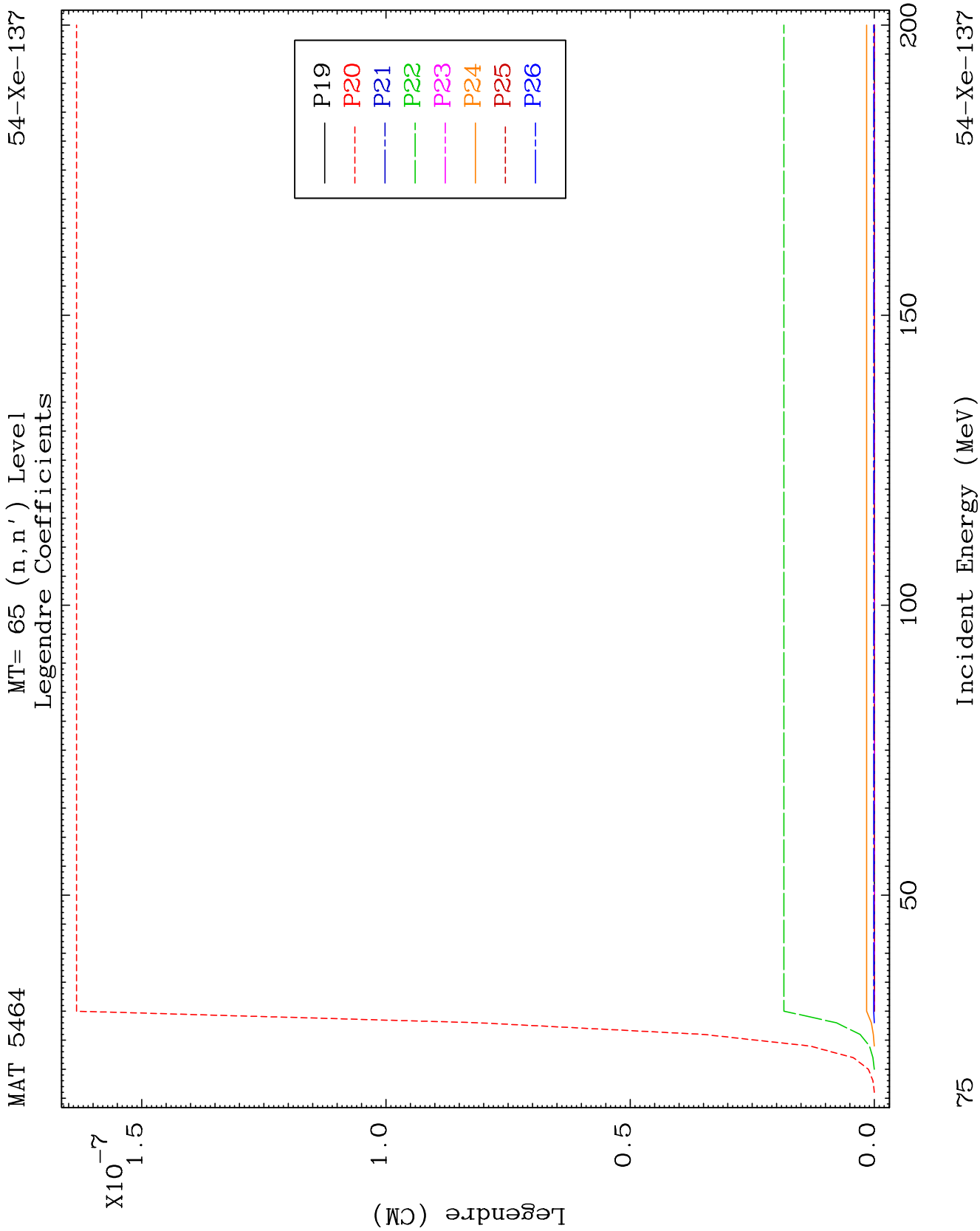
54-Xe-137

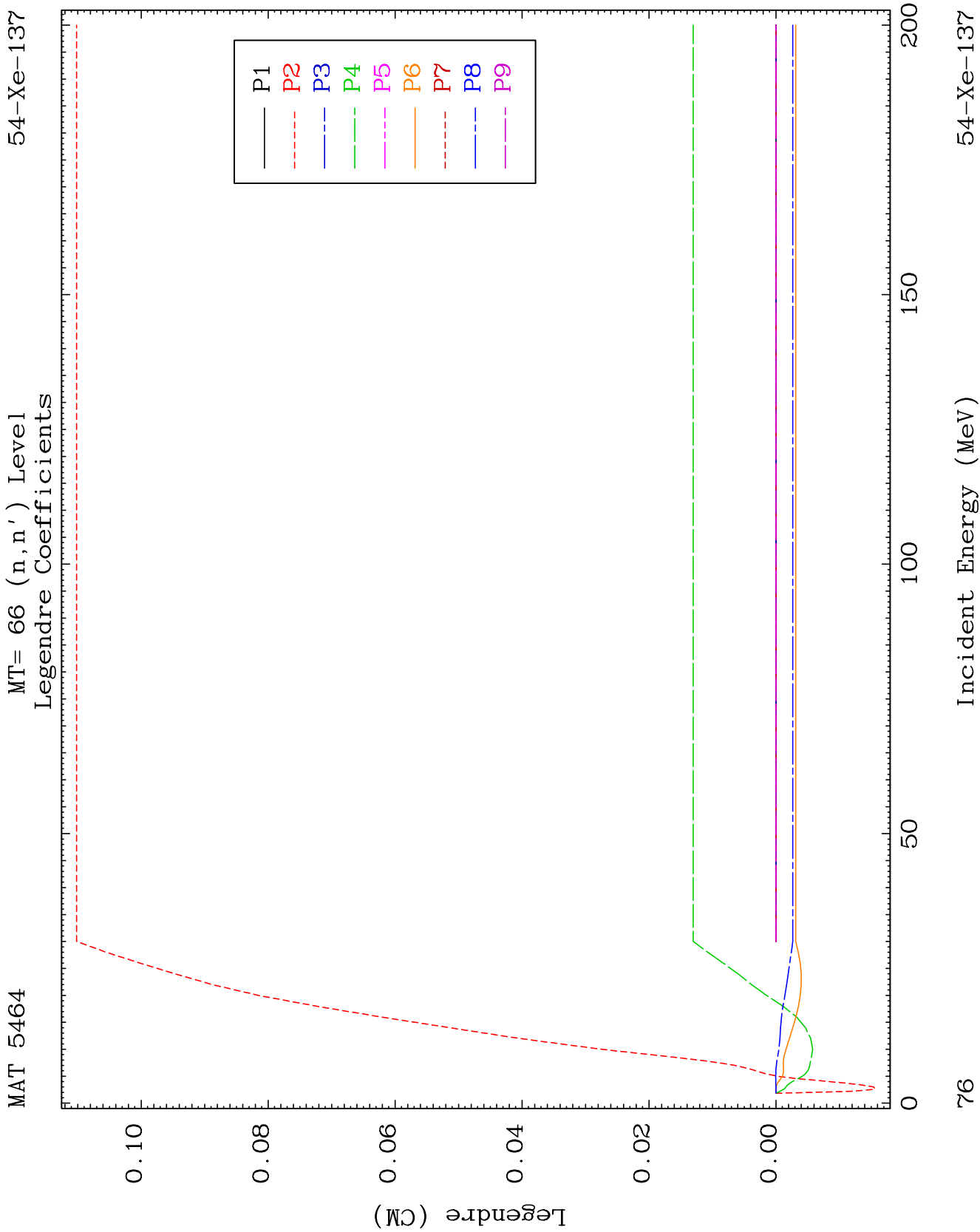








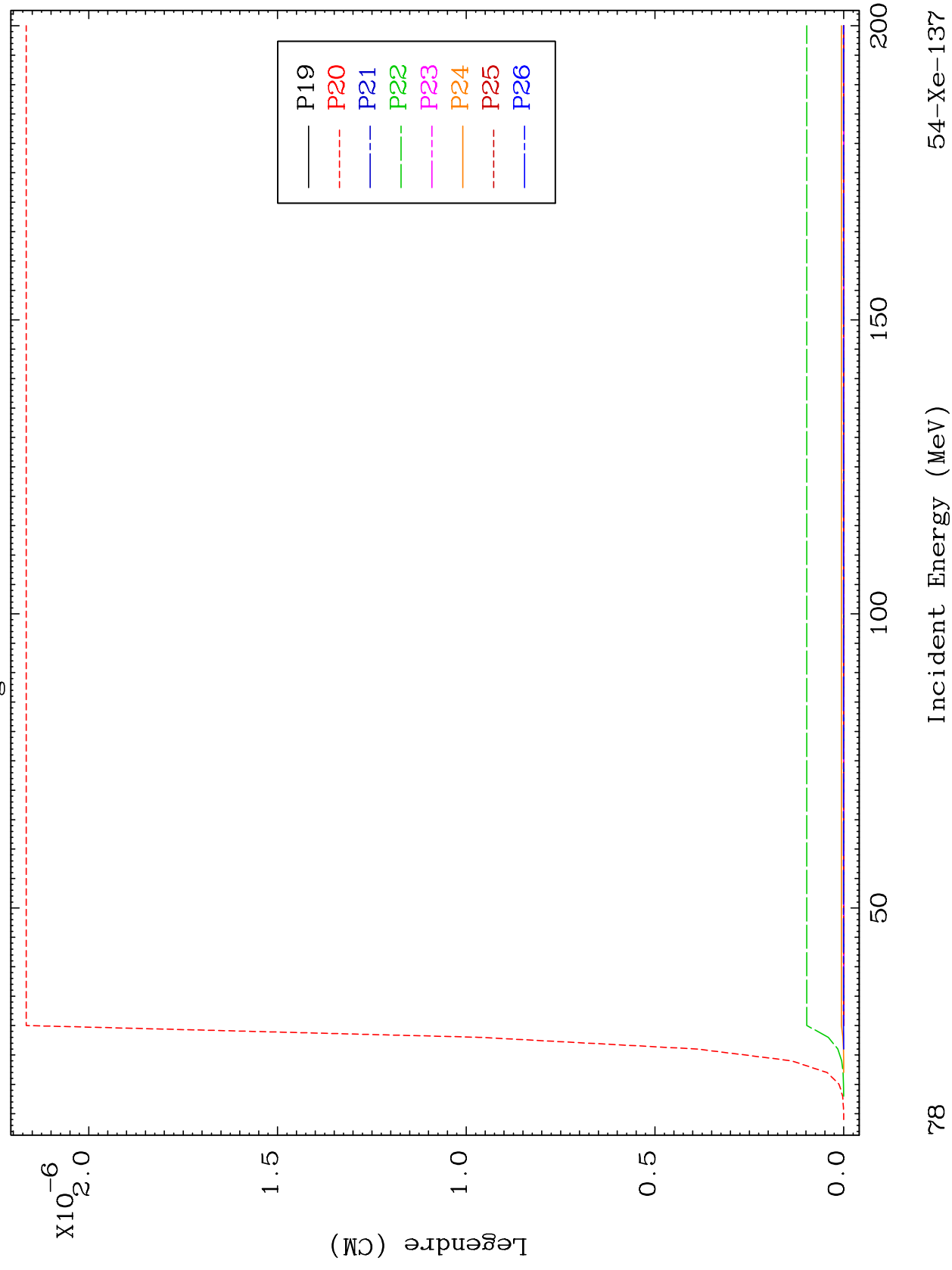


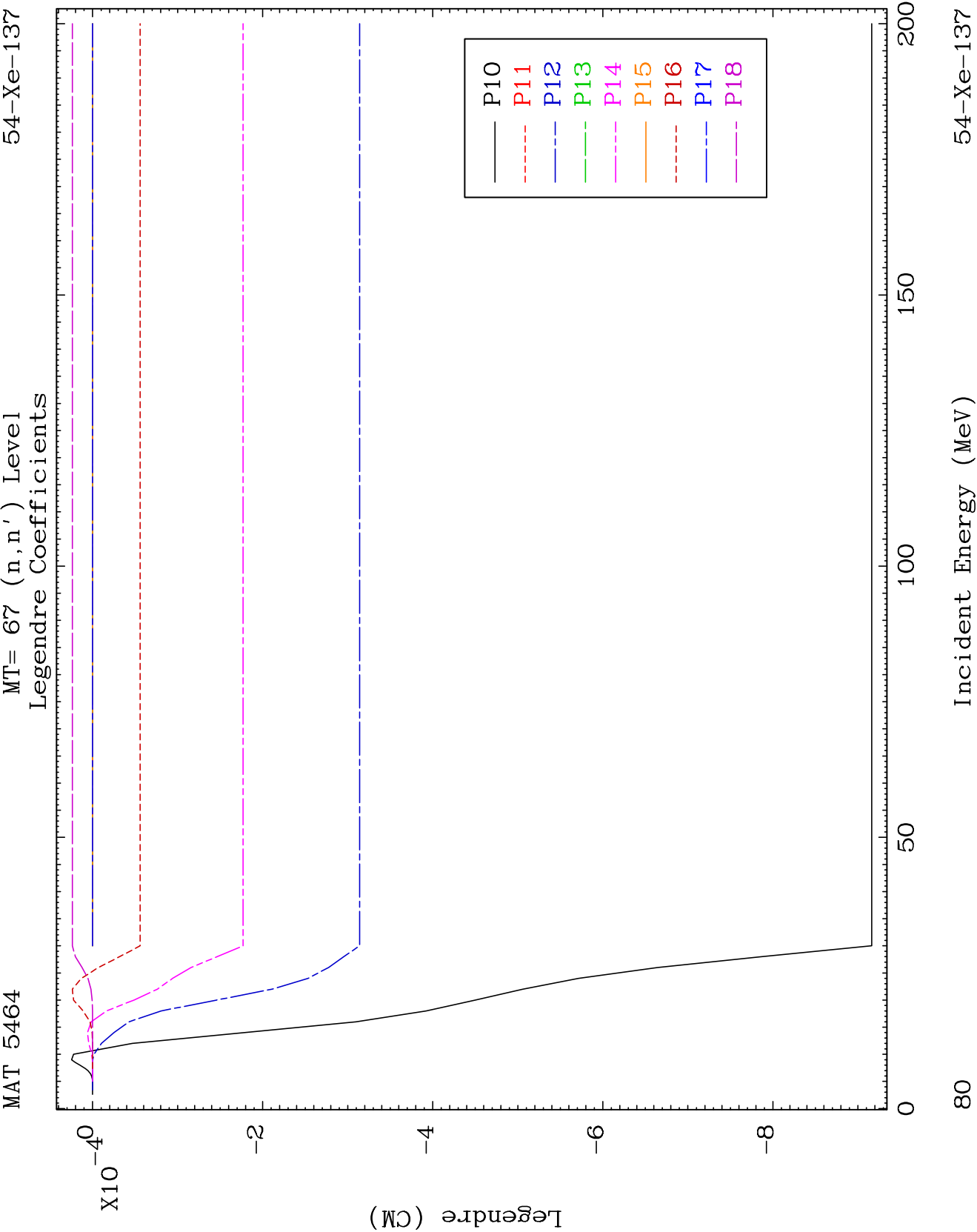


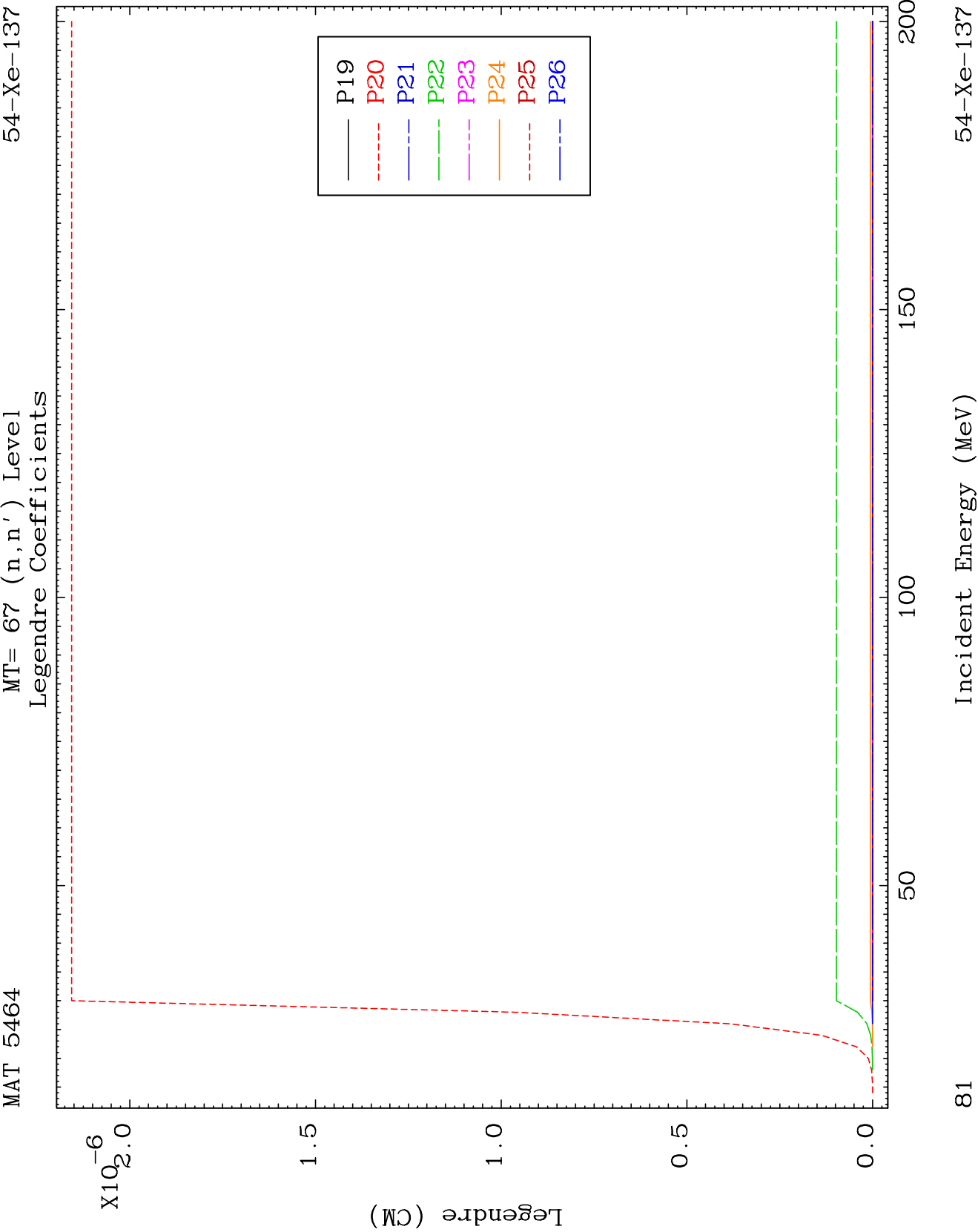
MAT 5464

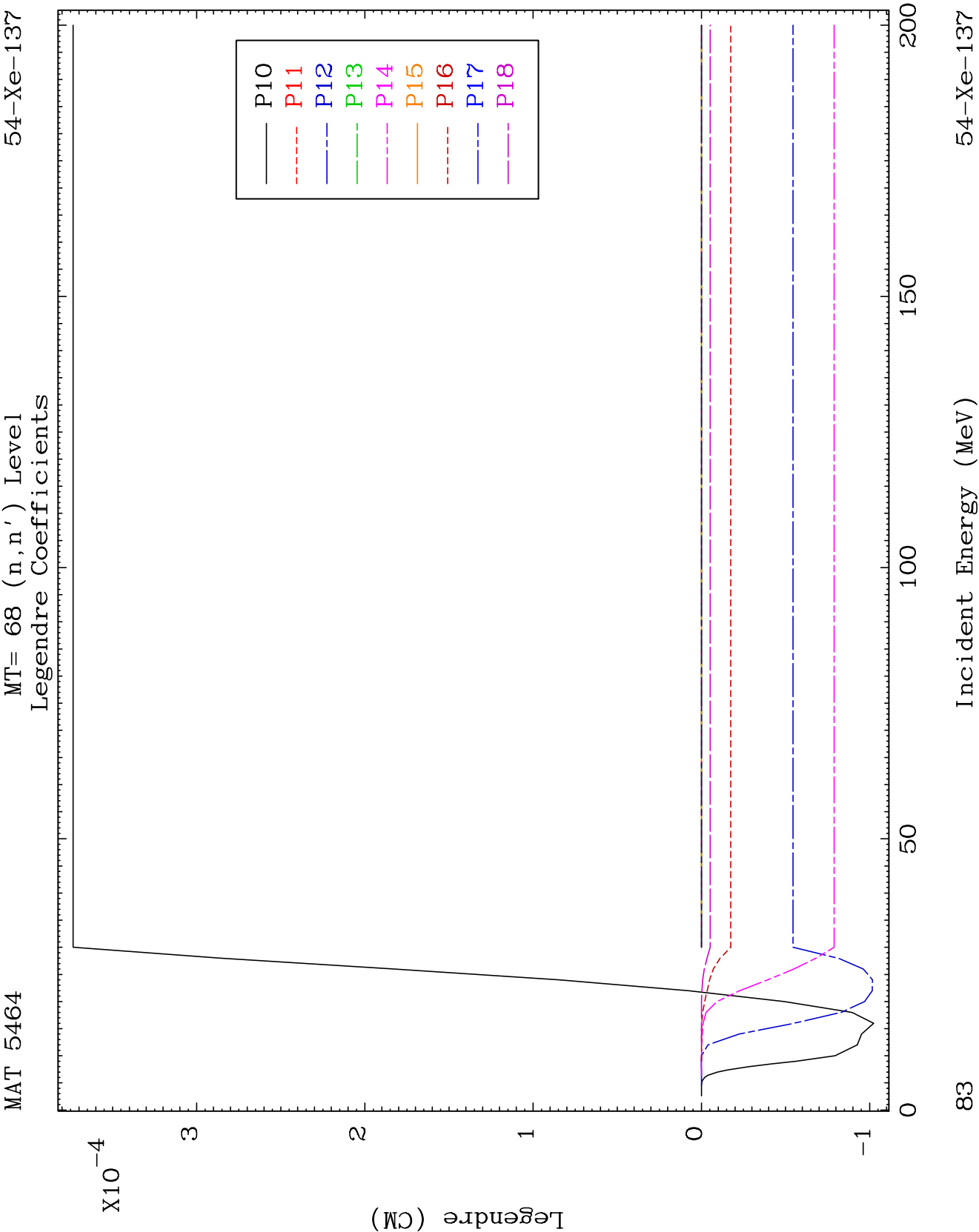
MT= 66 (n, n') Level
Legendre Coefficients

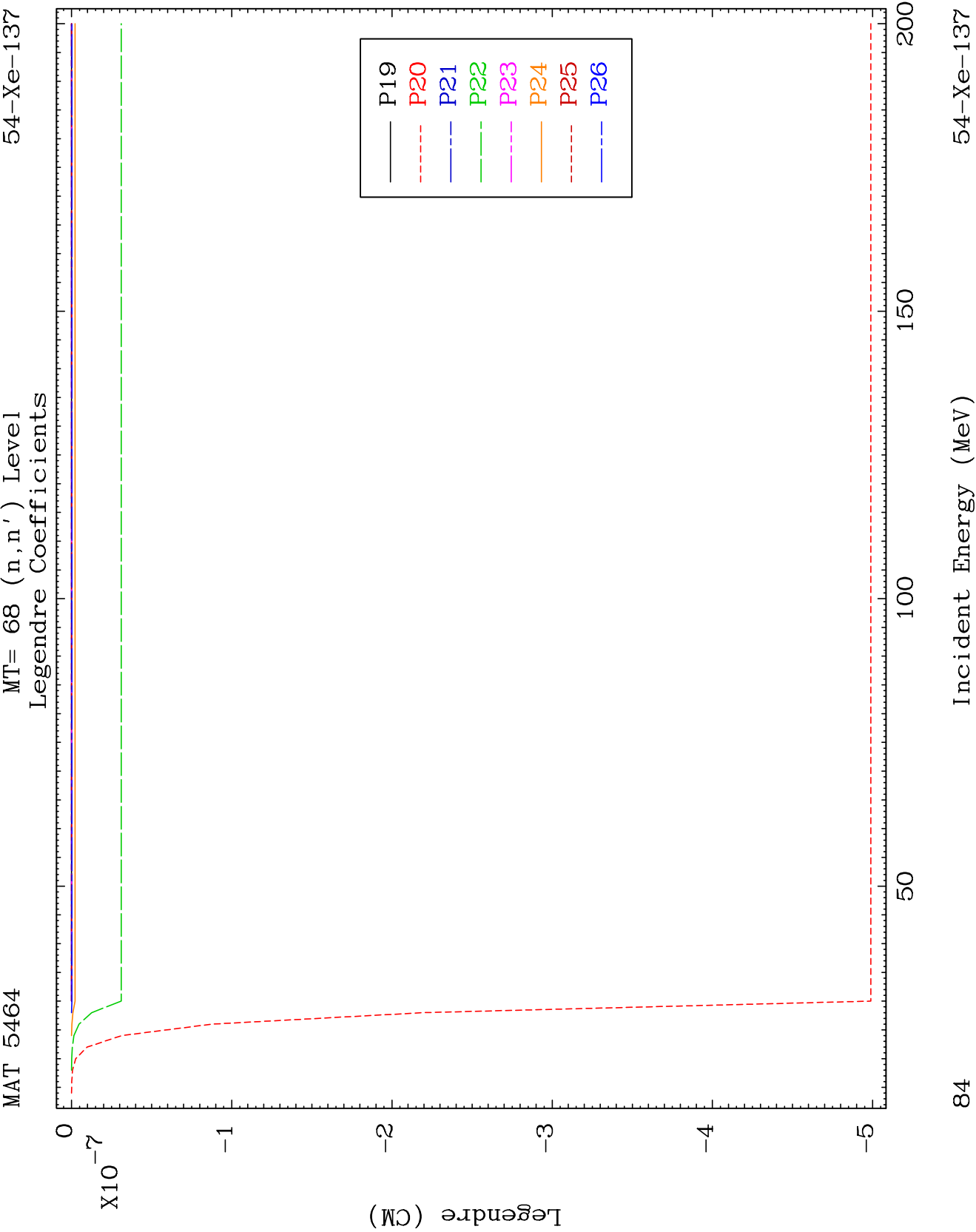
54-Xe-137

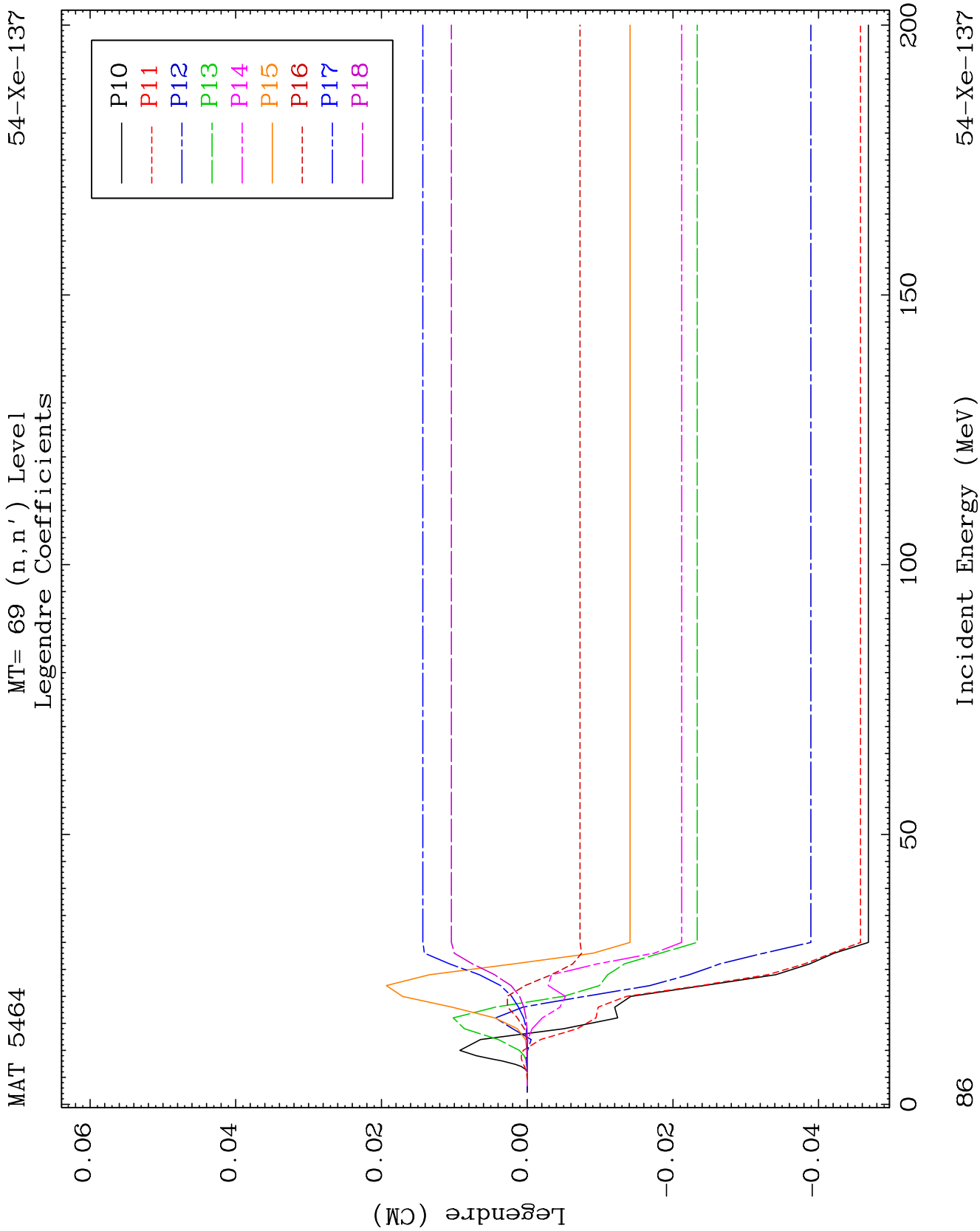








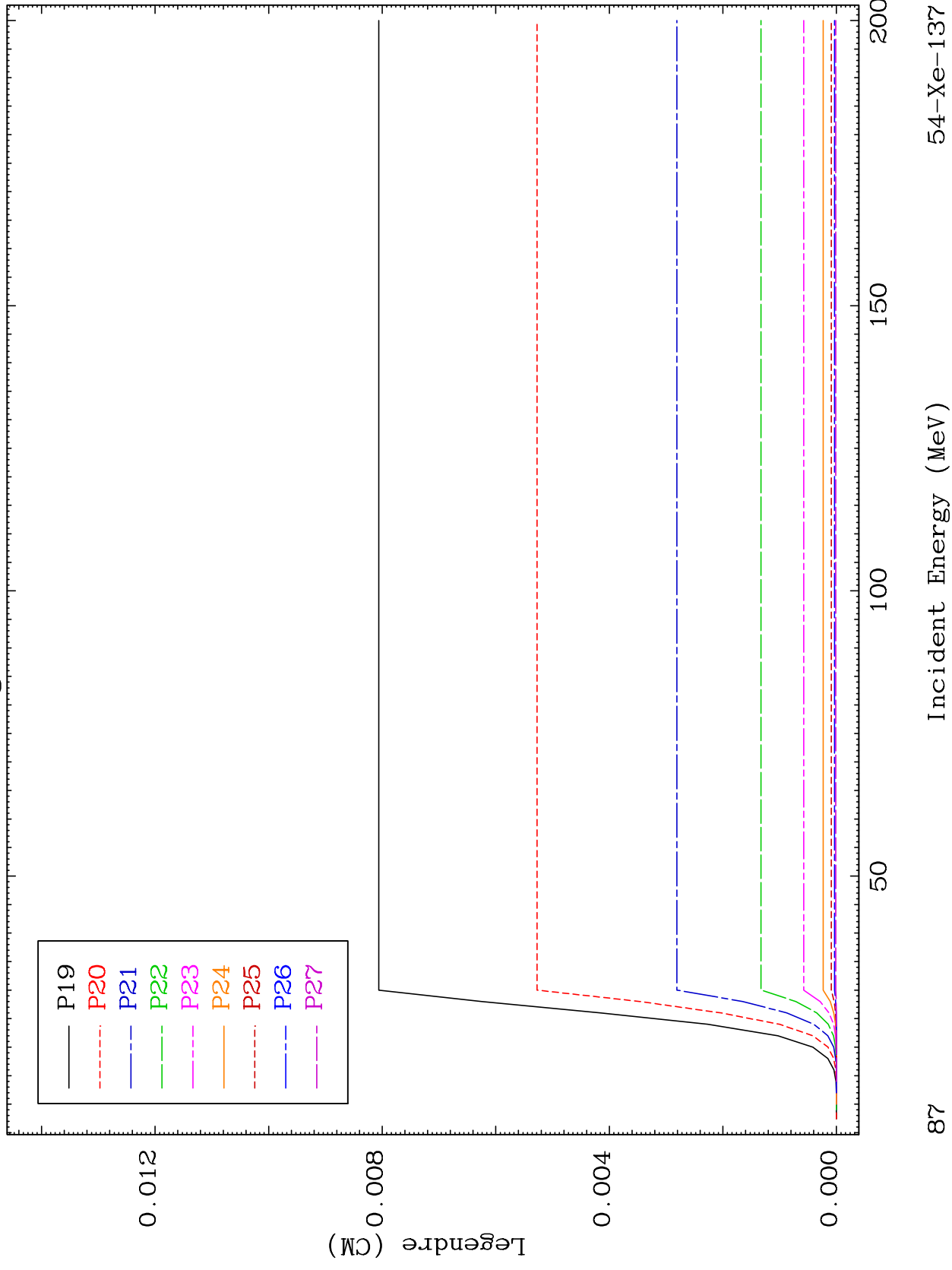


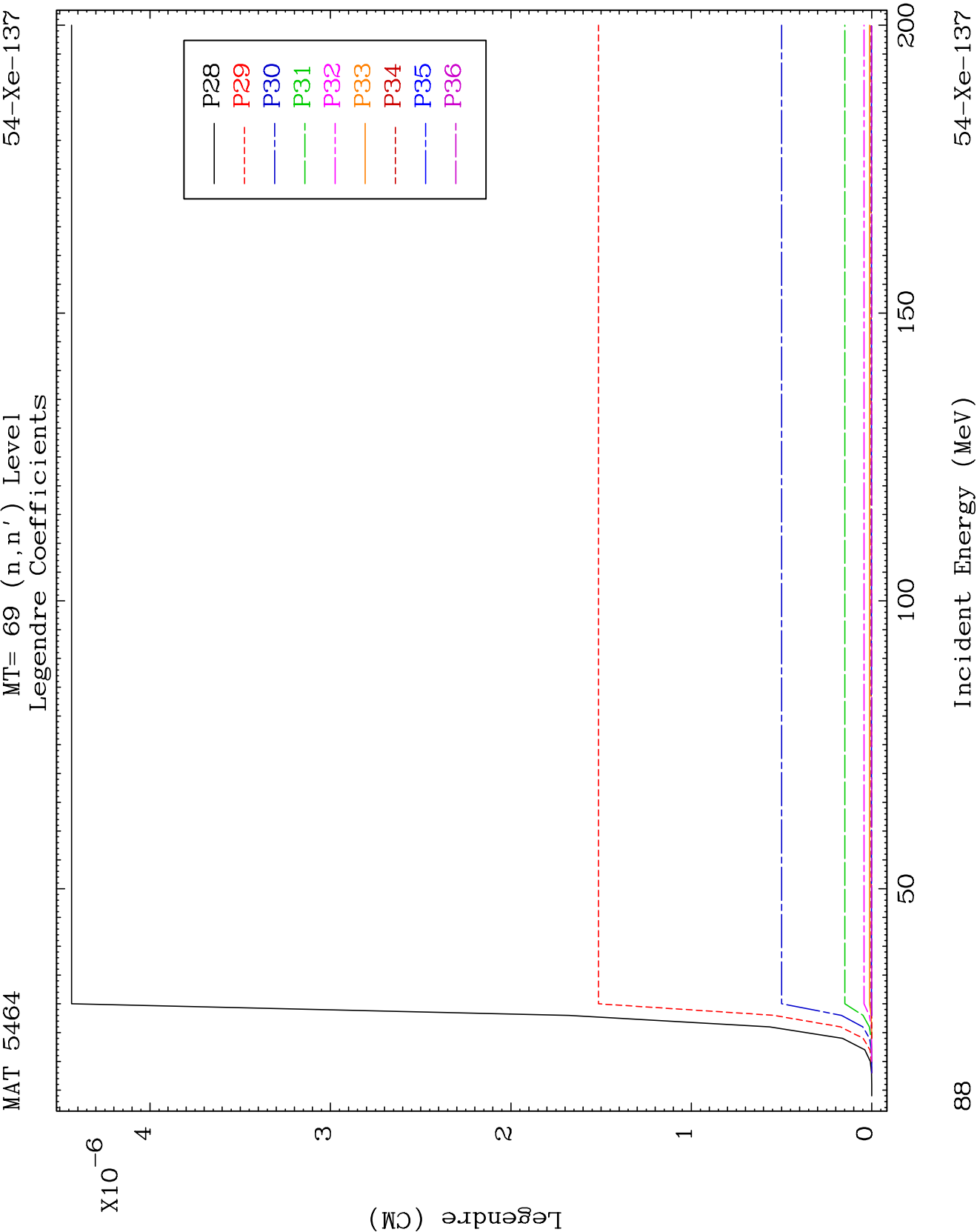


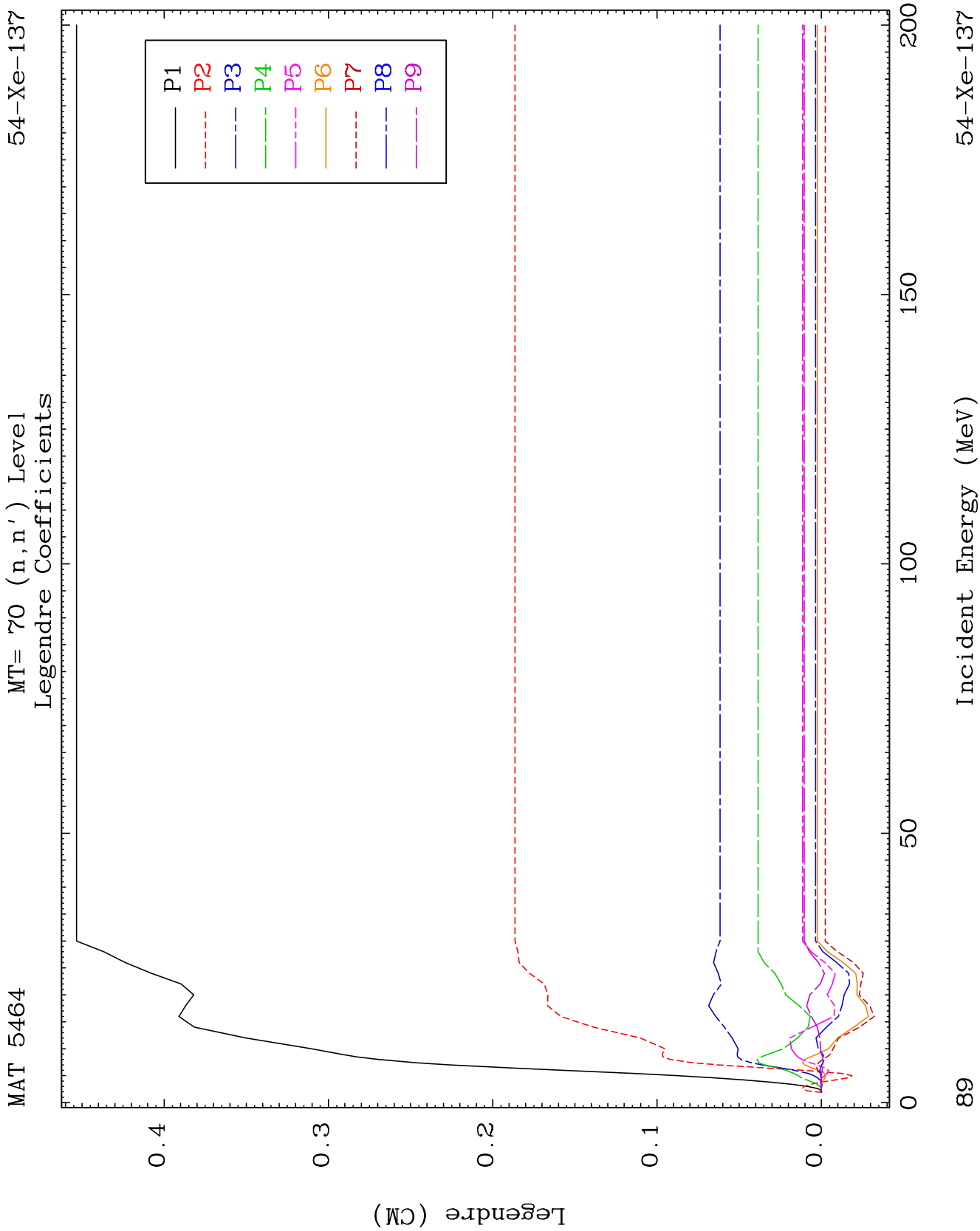
MAT 5464

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

54-Xe-137



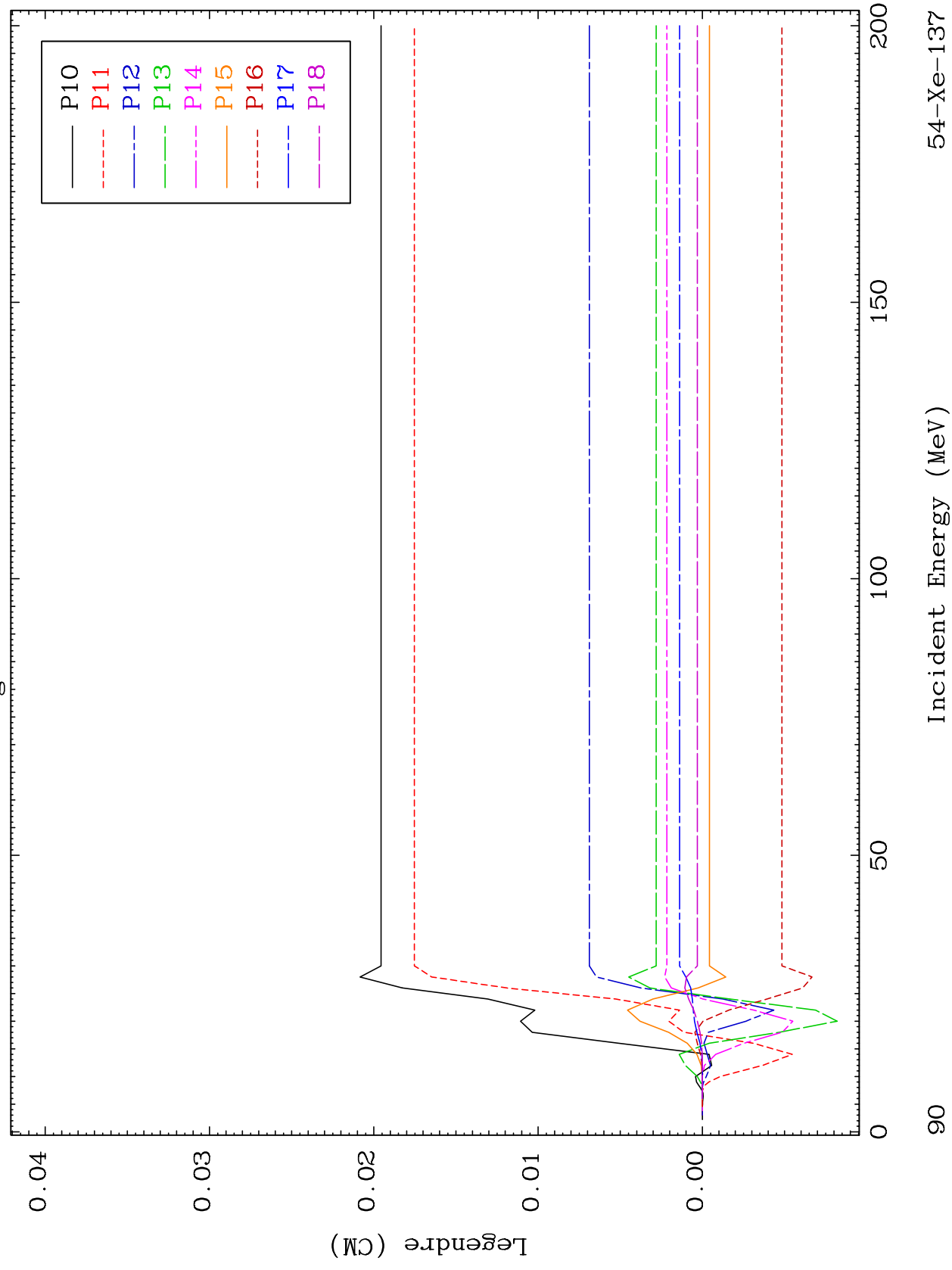


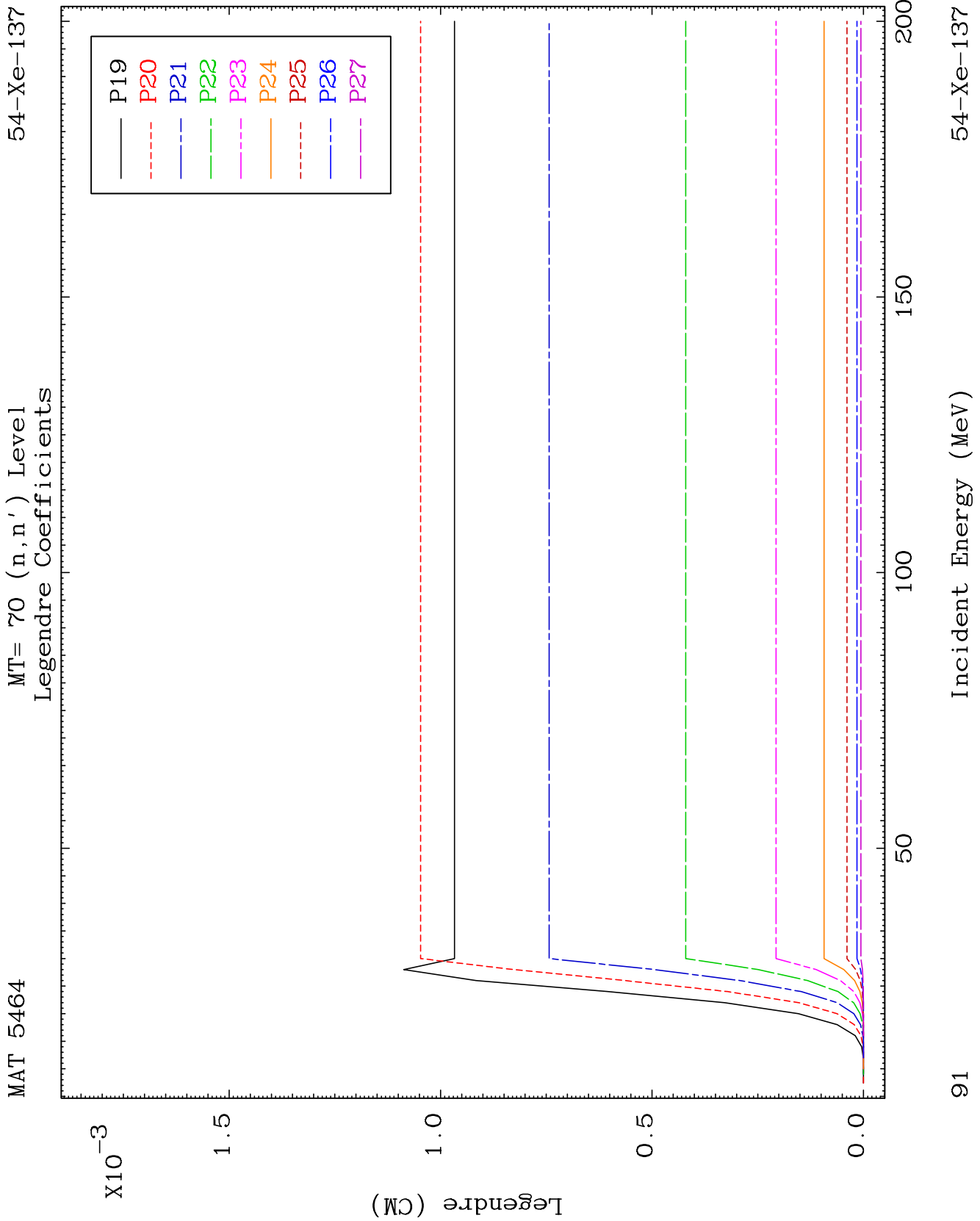


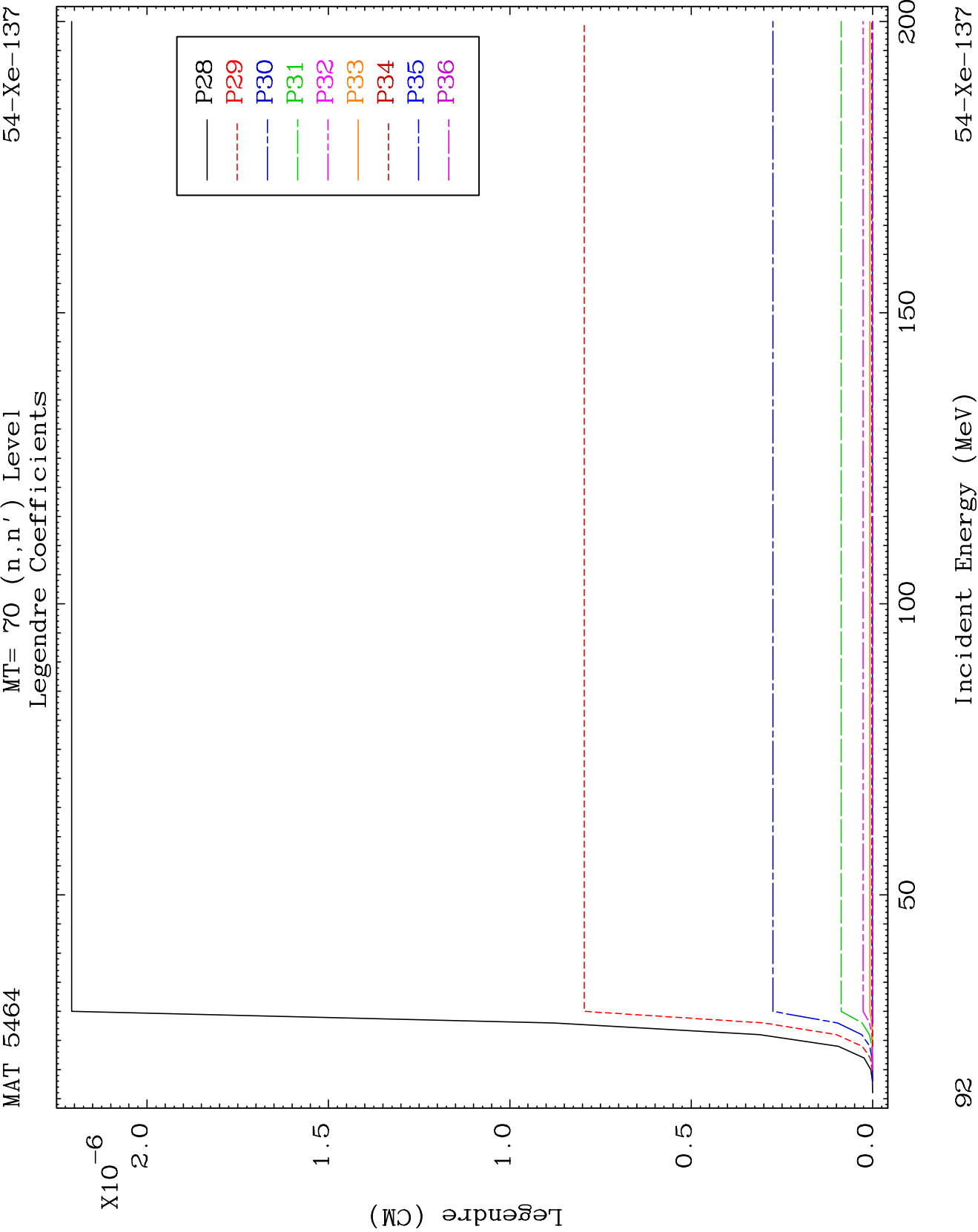
MAT 5464

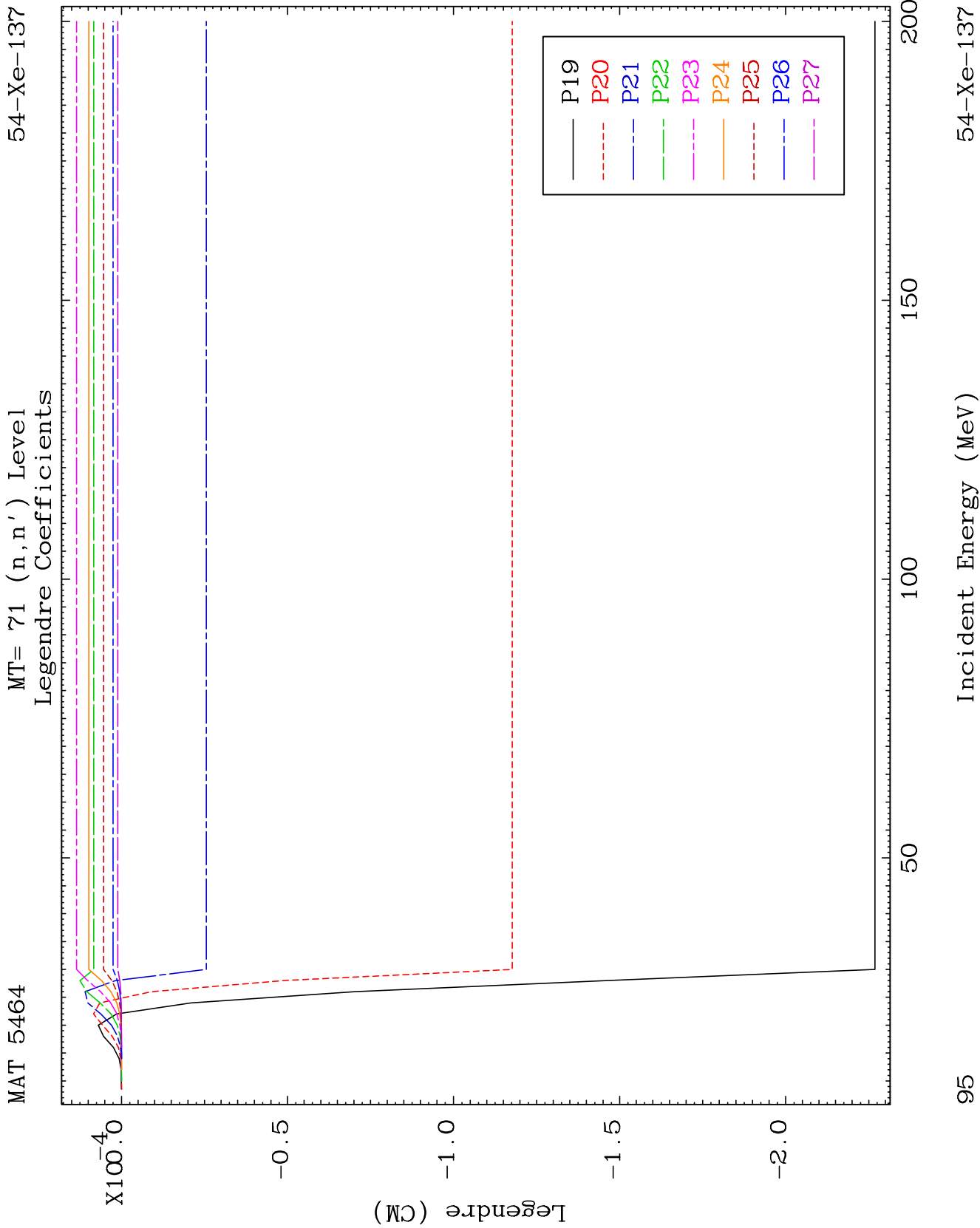
MT= 70 (n, n') Level
Legendre Coefficients

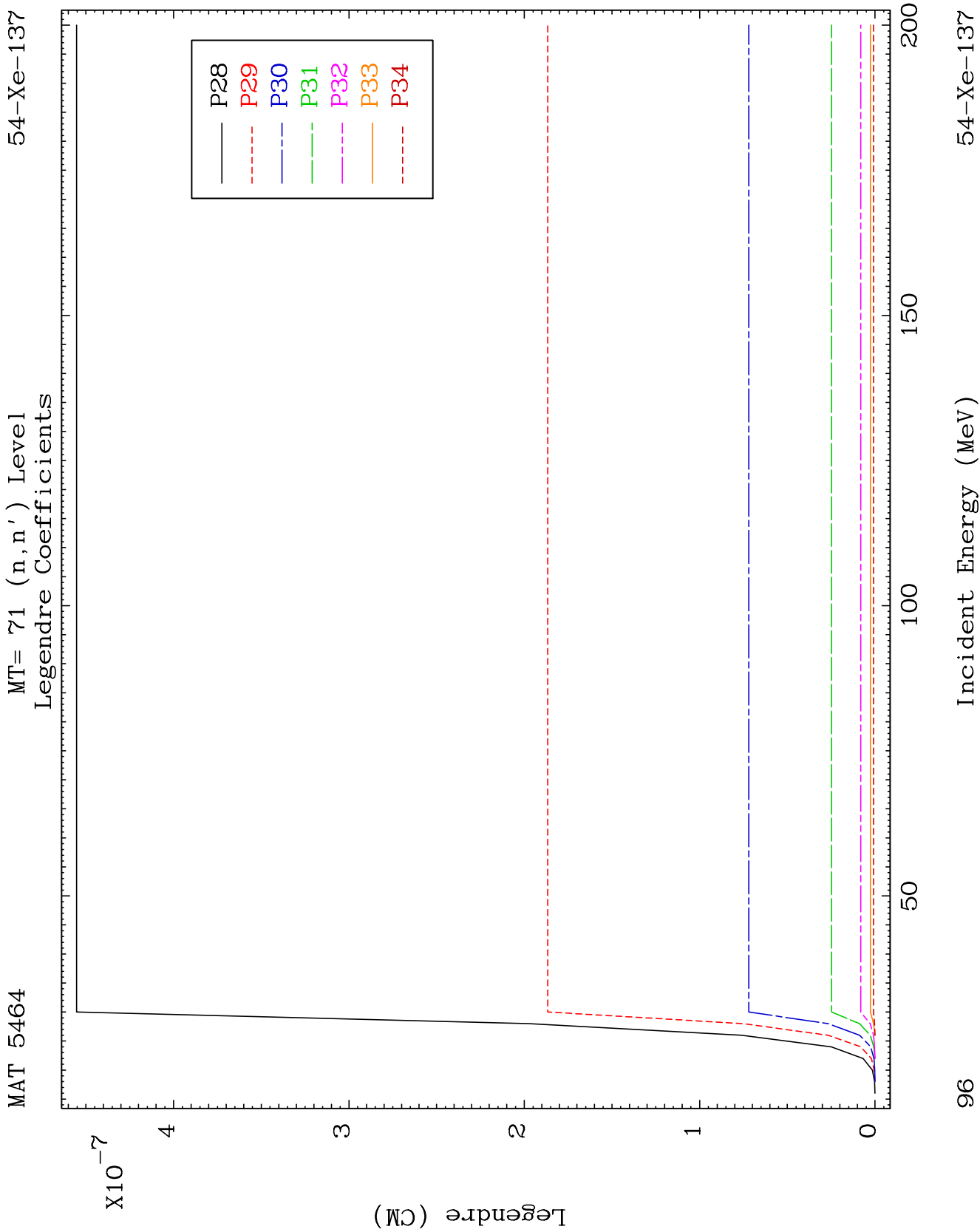
54-Xe-137

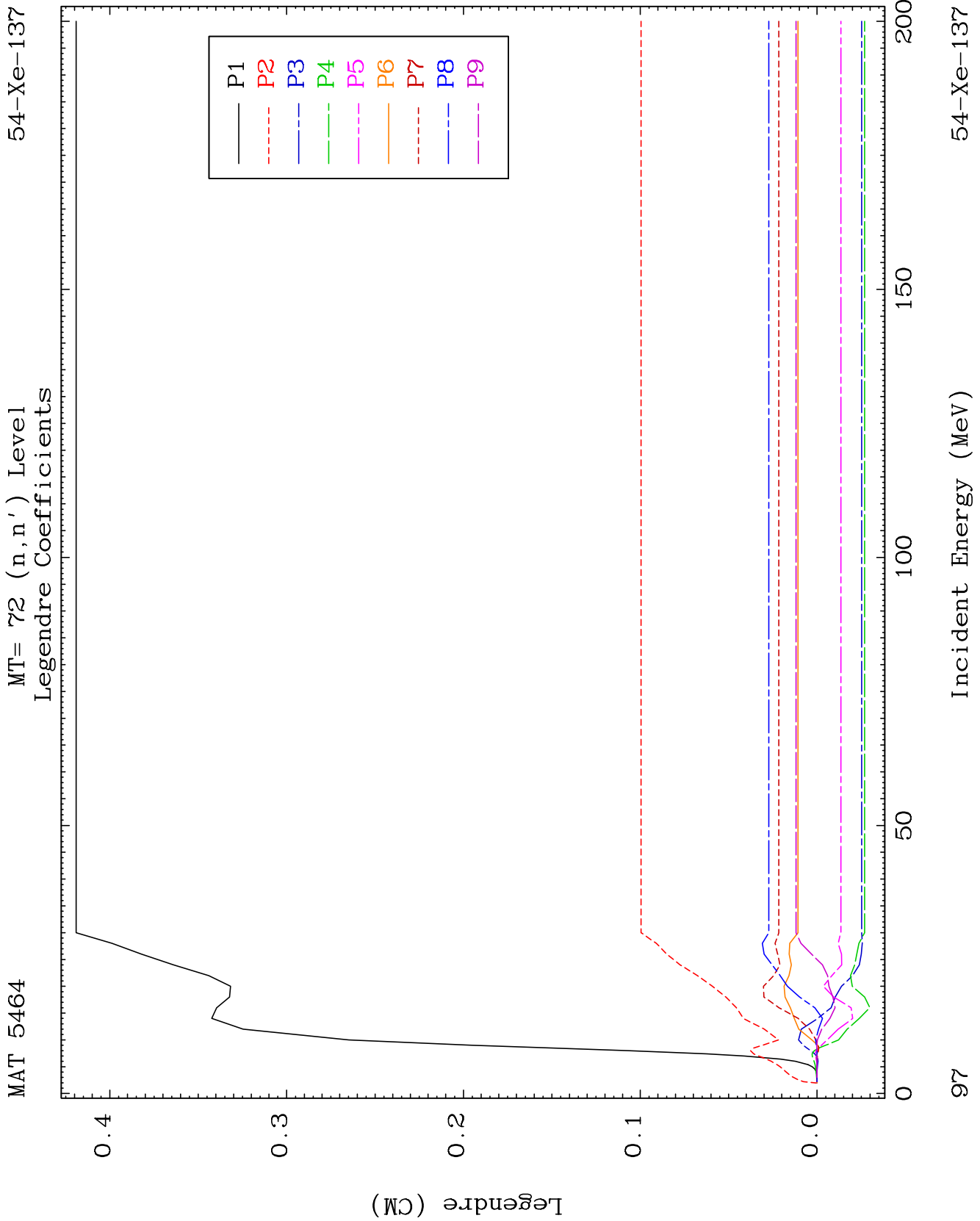


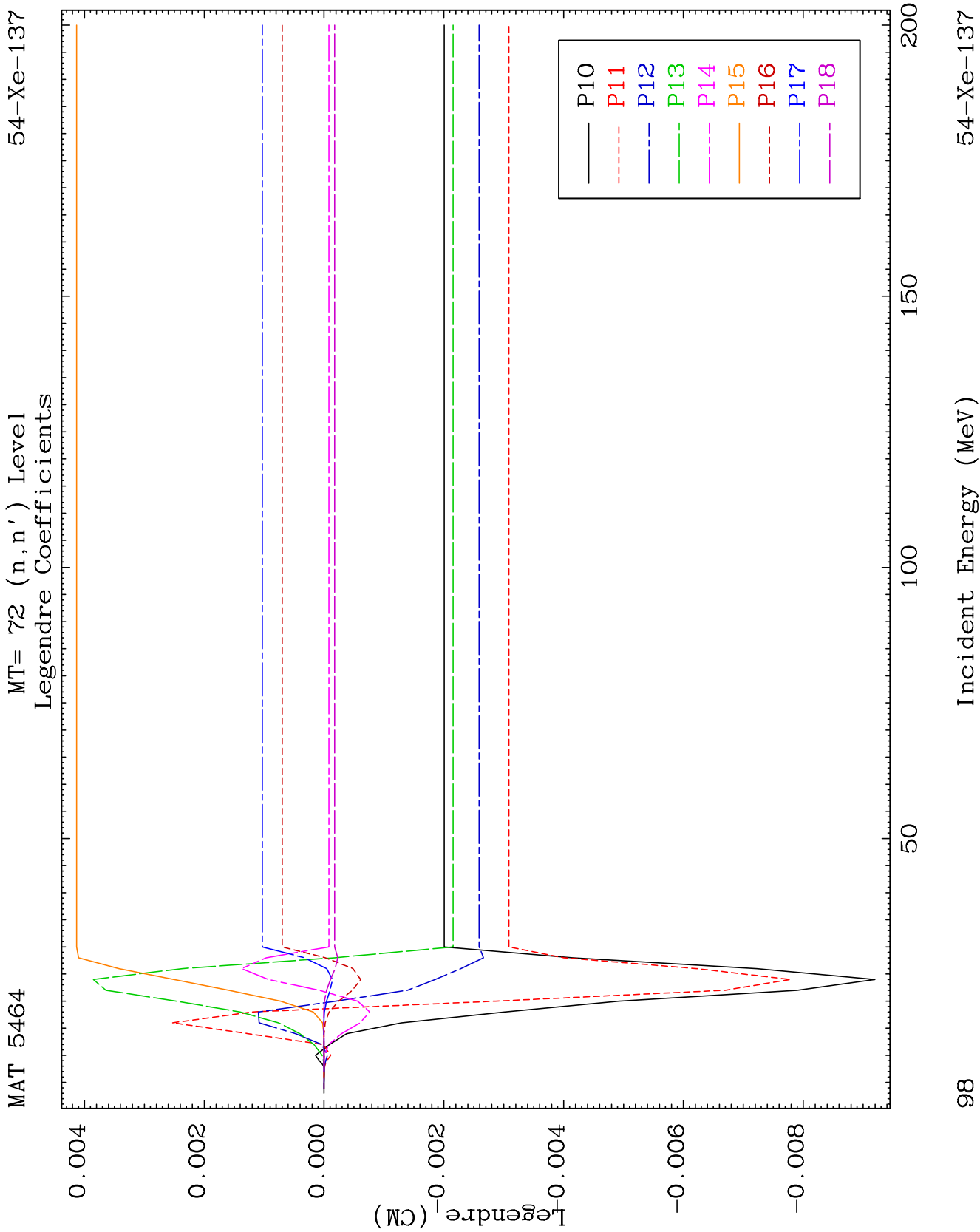


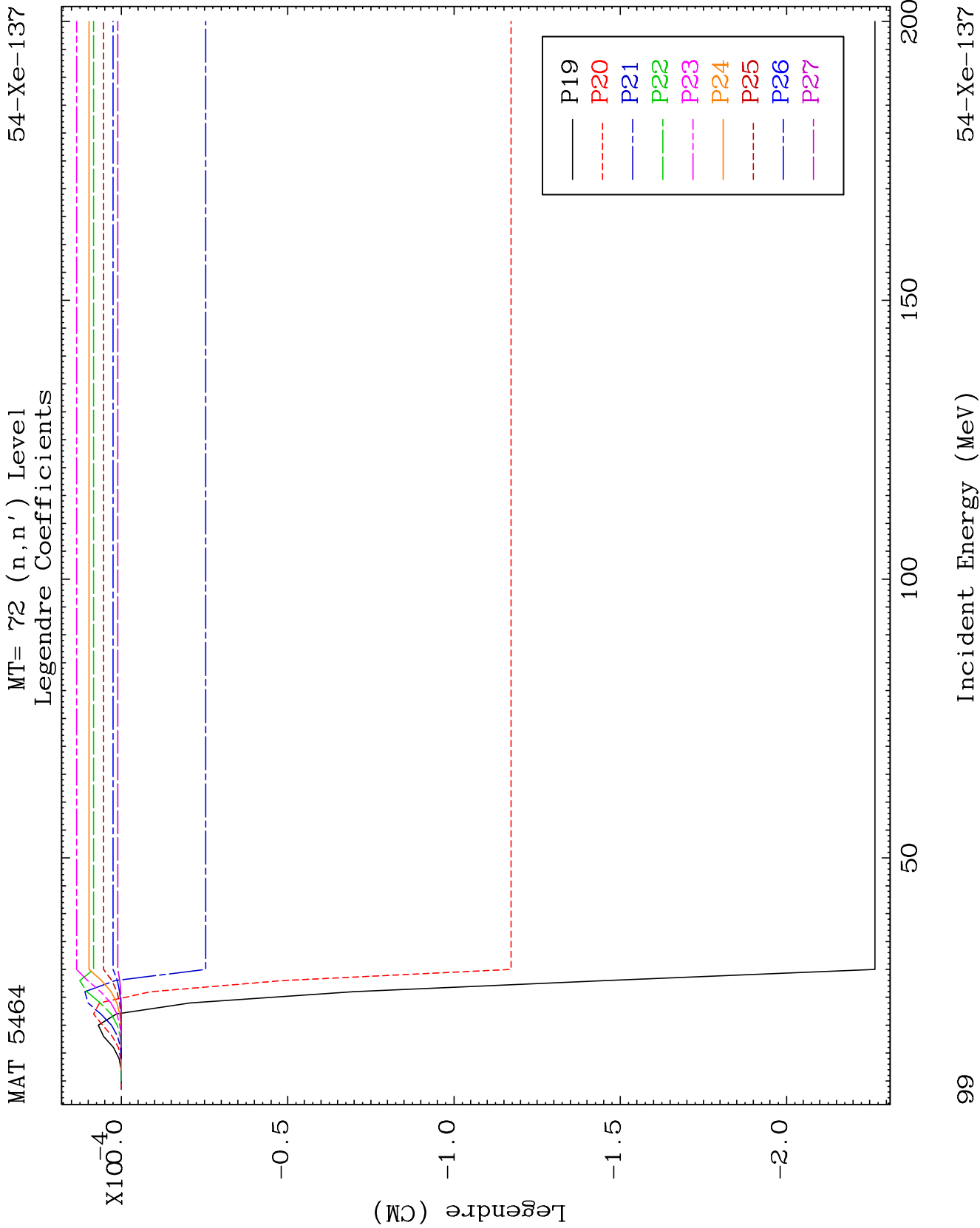


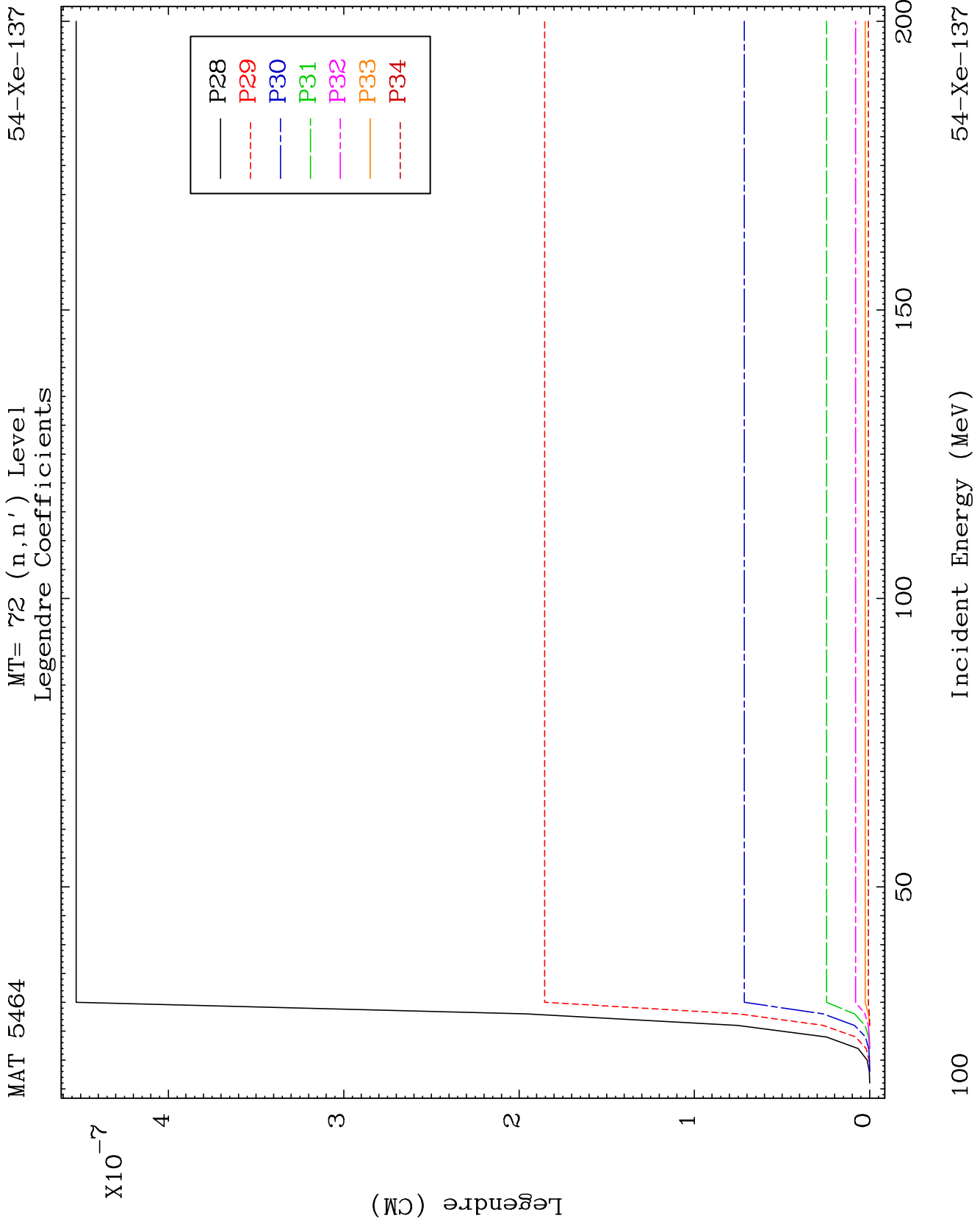








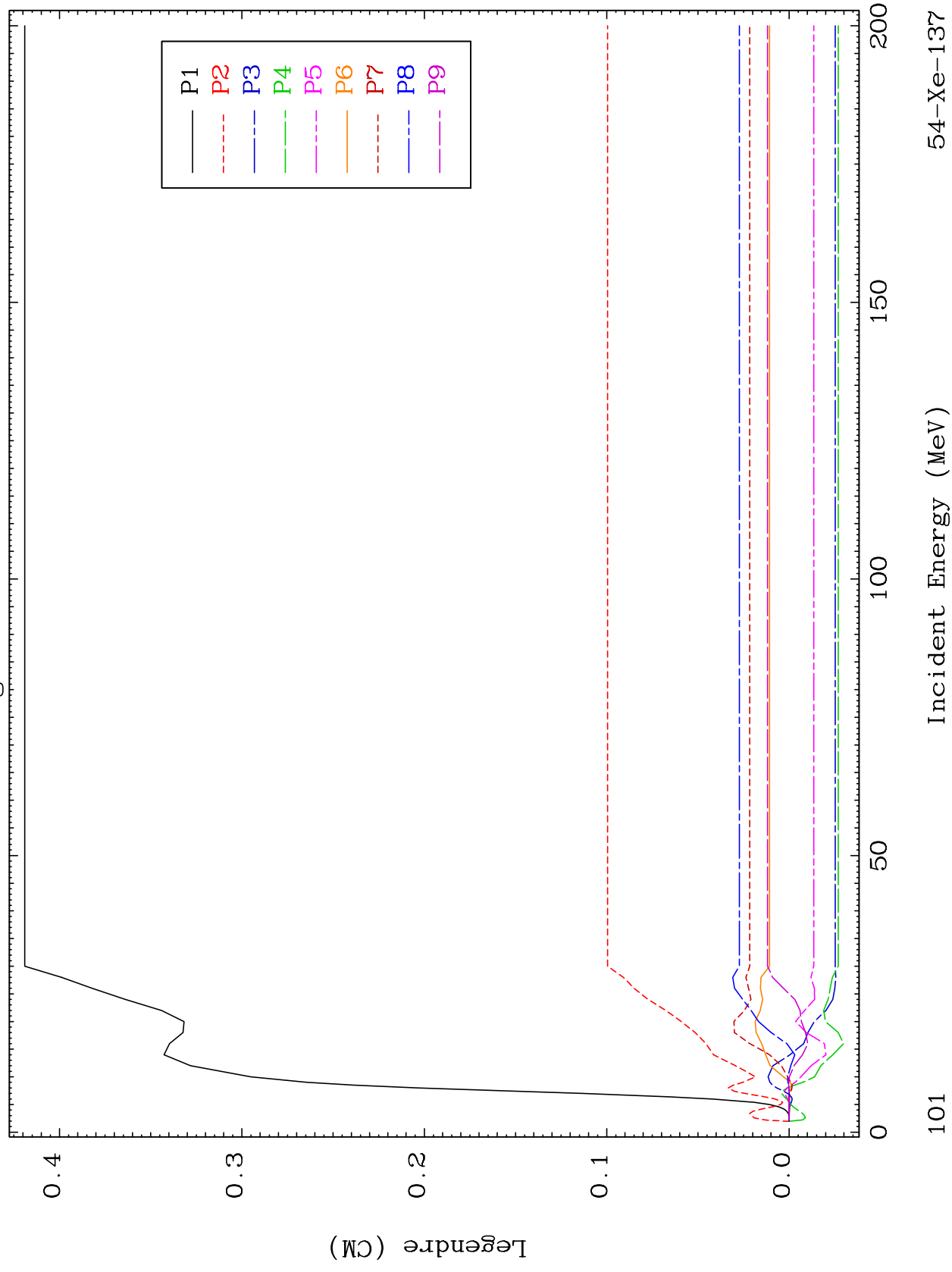


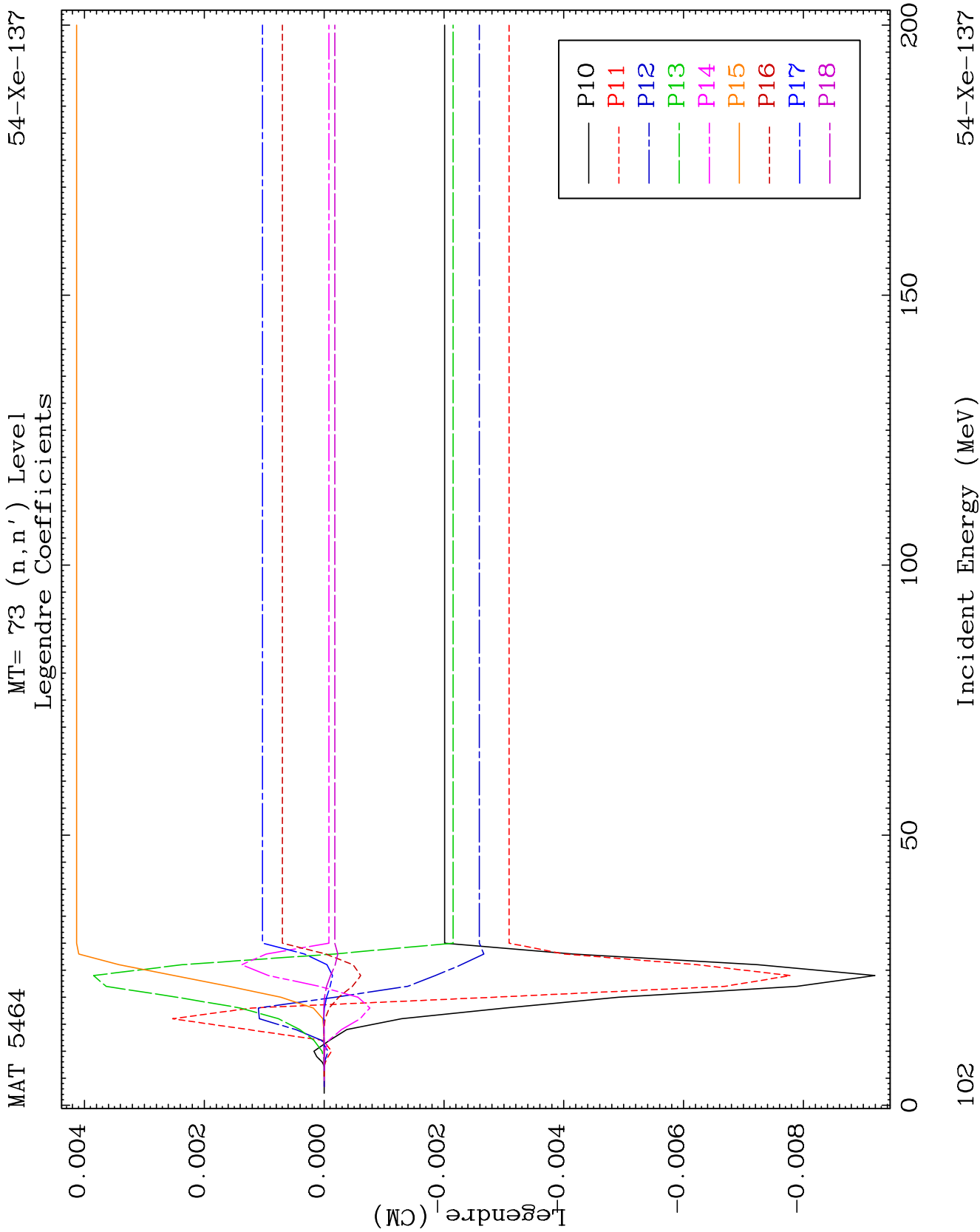


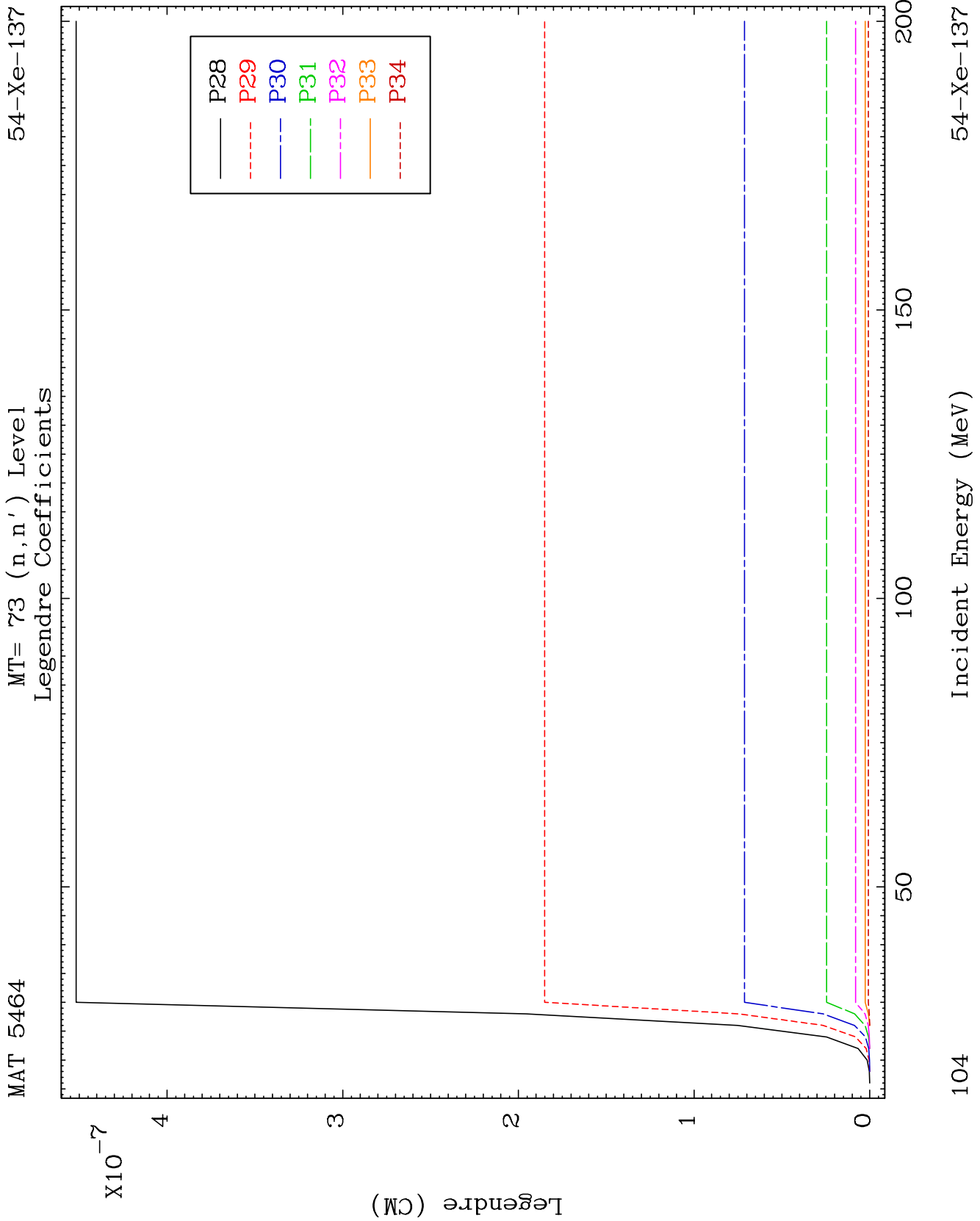
MAT 5464

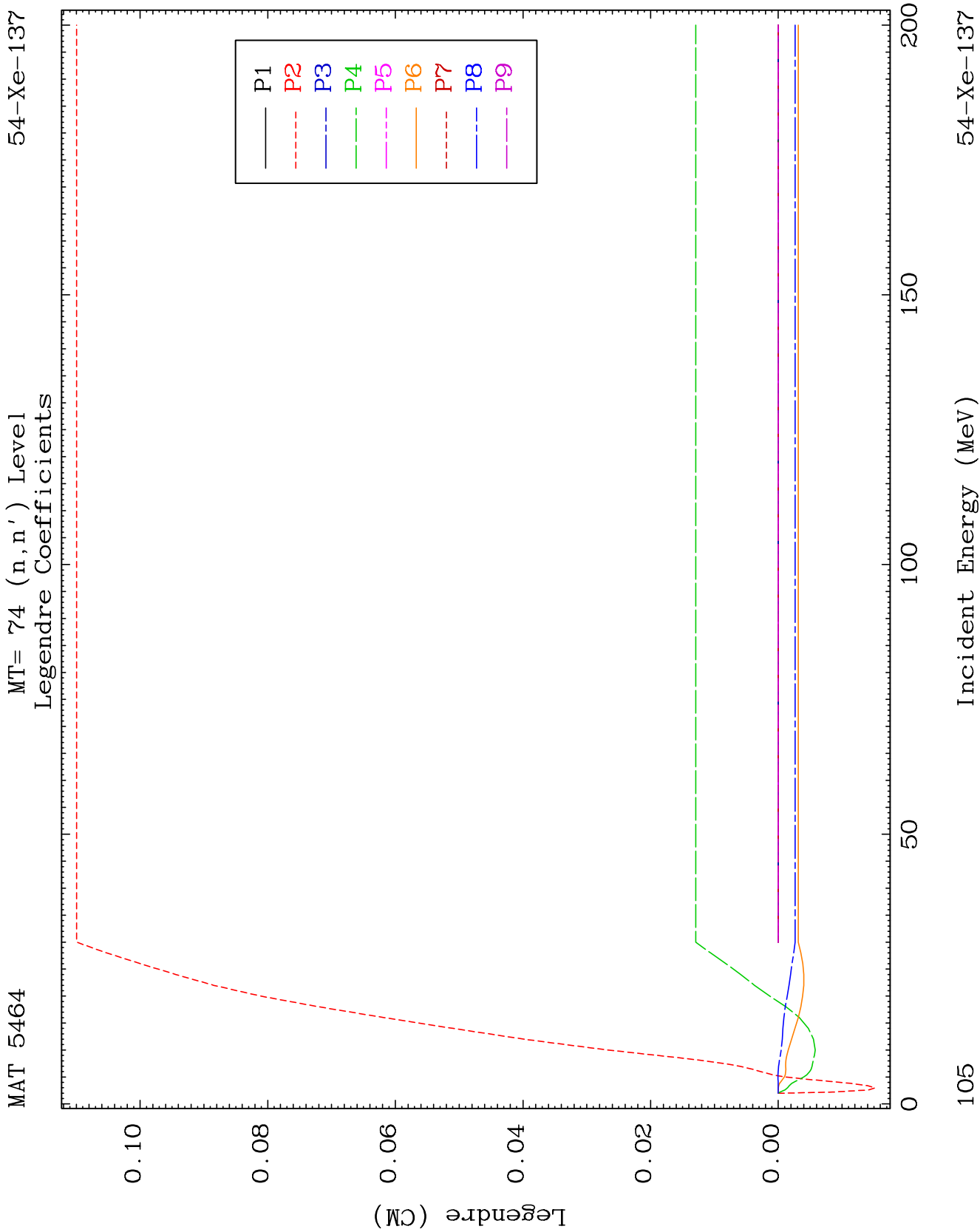
MT= 73 (n, n') Level
Legendre Coefficients

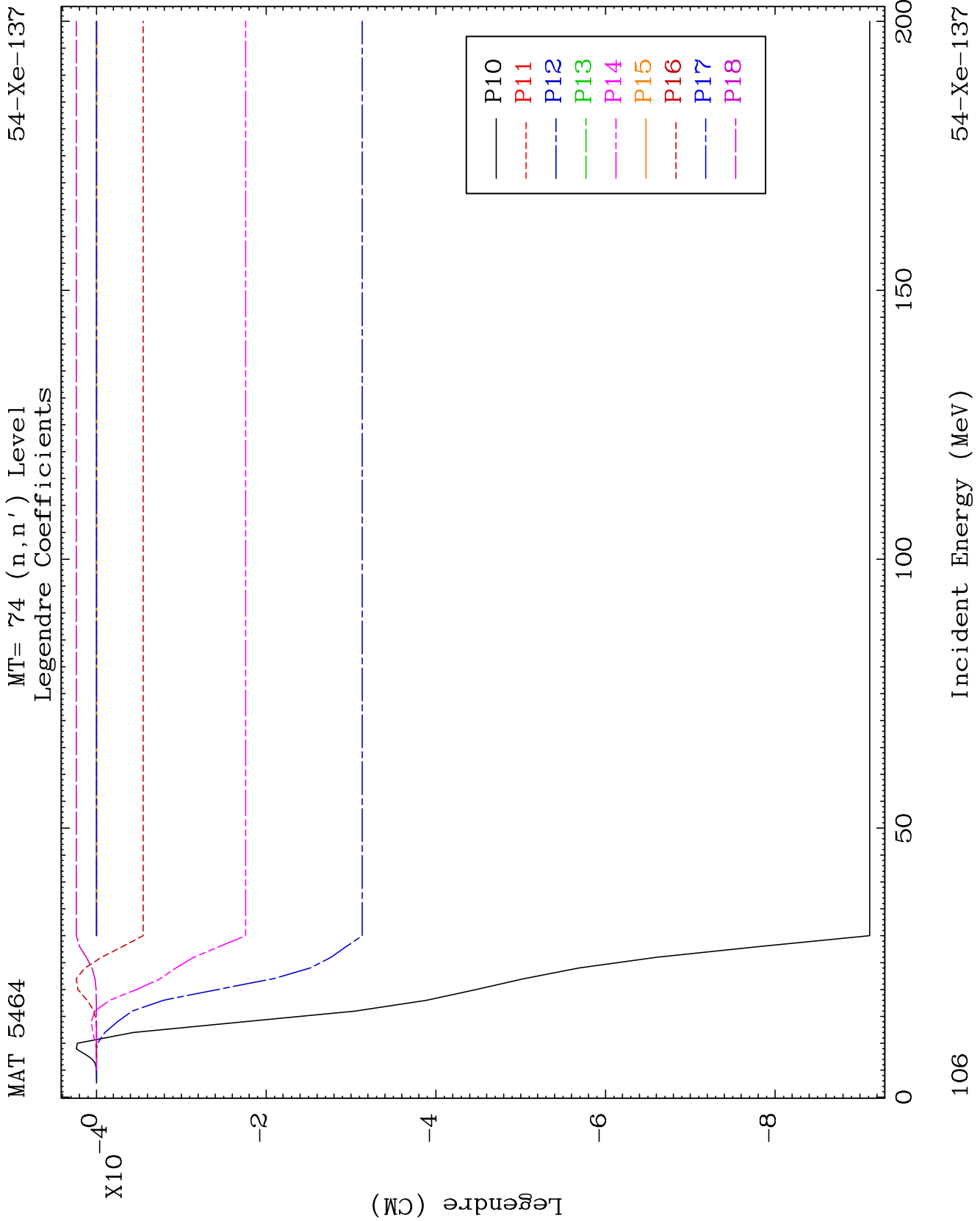
54-Xe-137







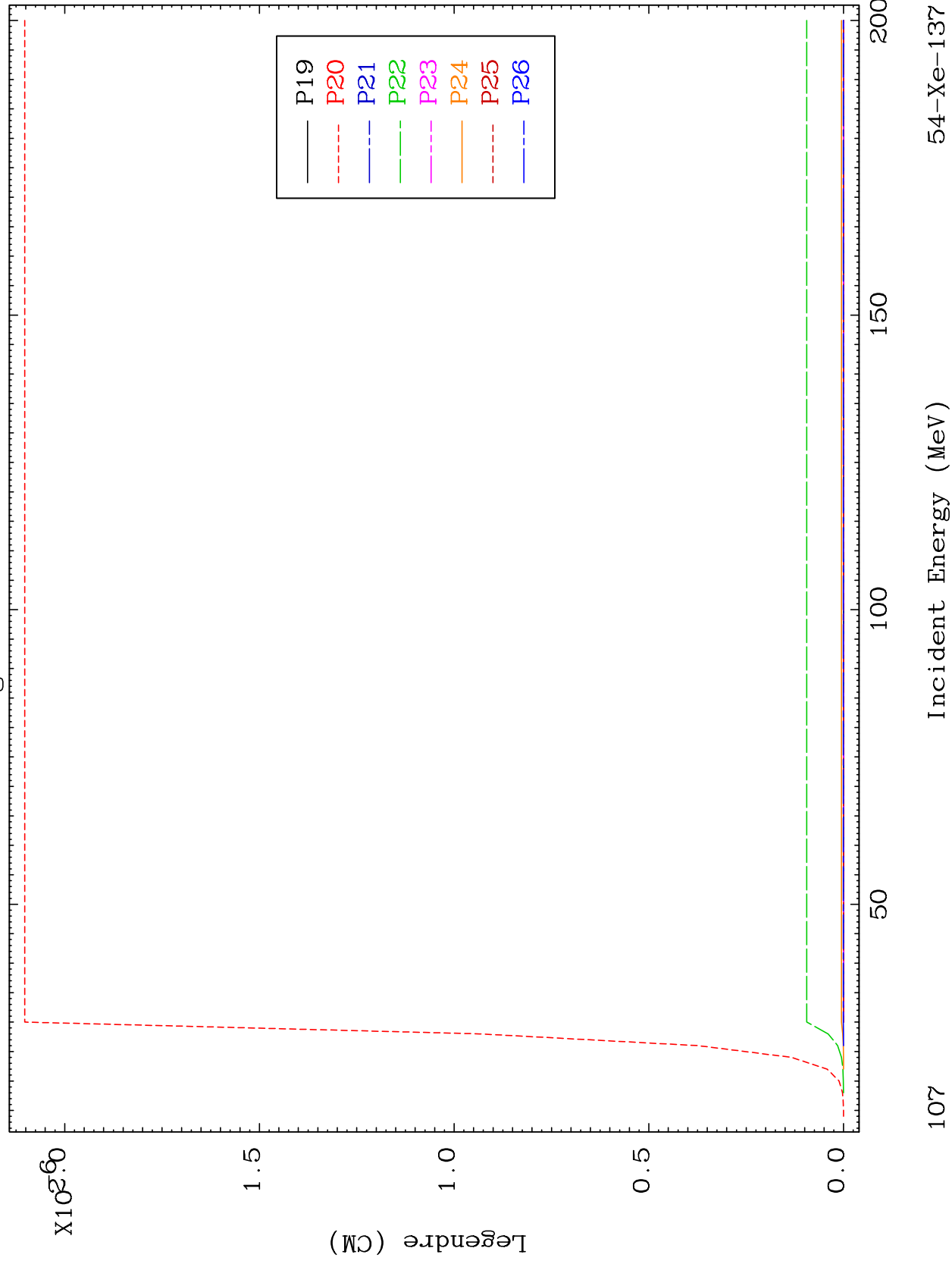




MAT 5464

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

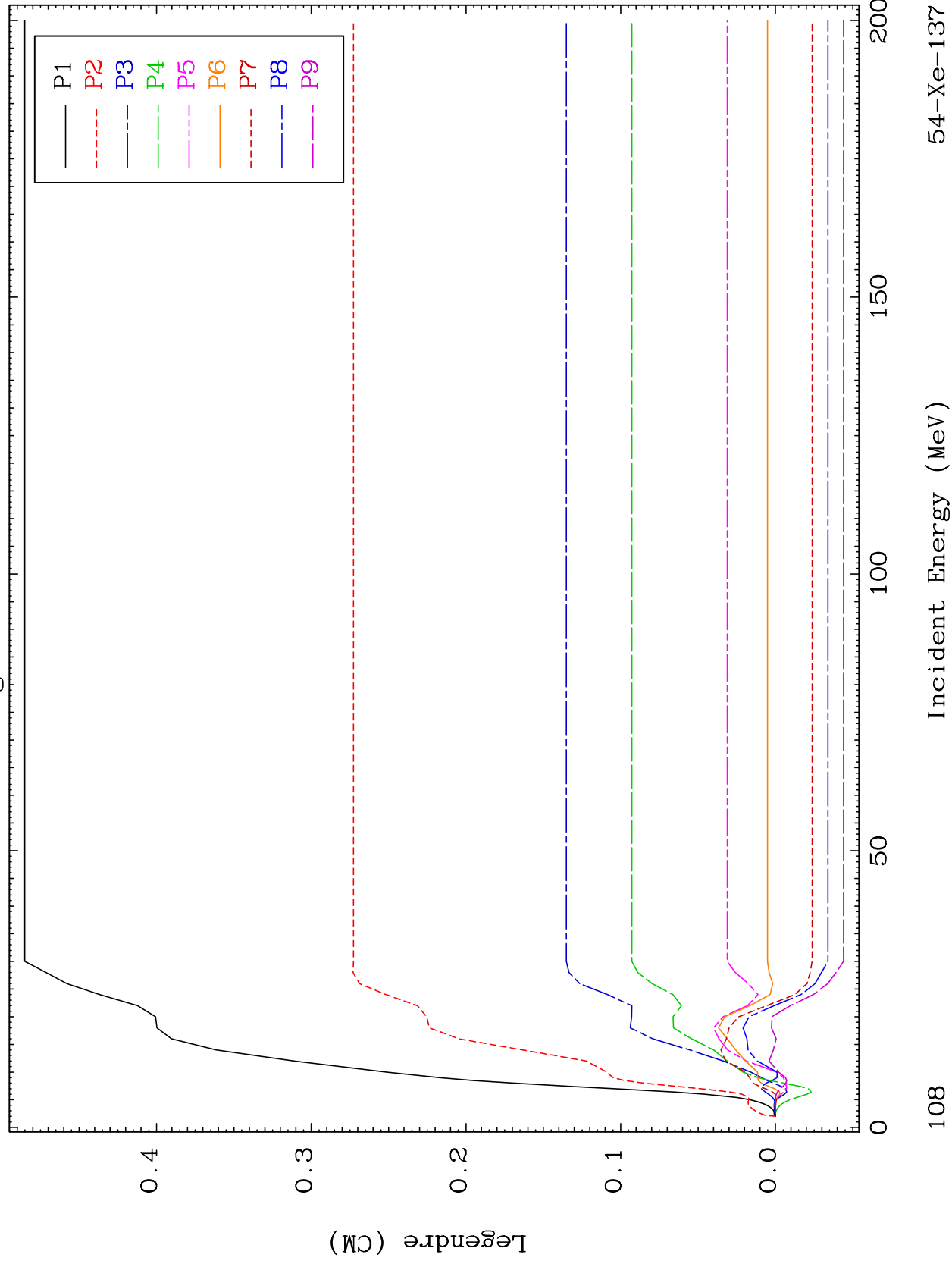
54-Xe-137

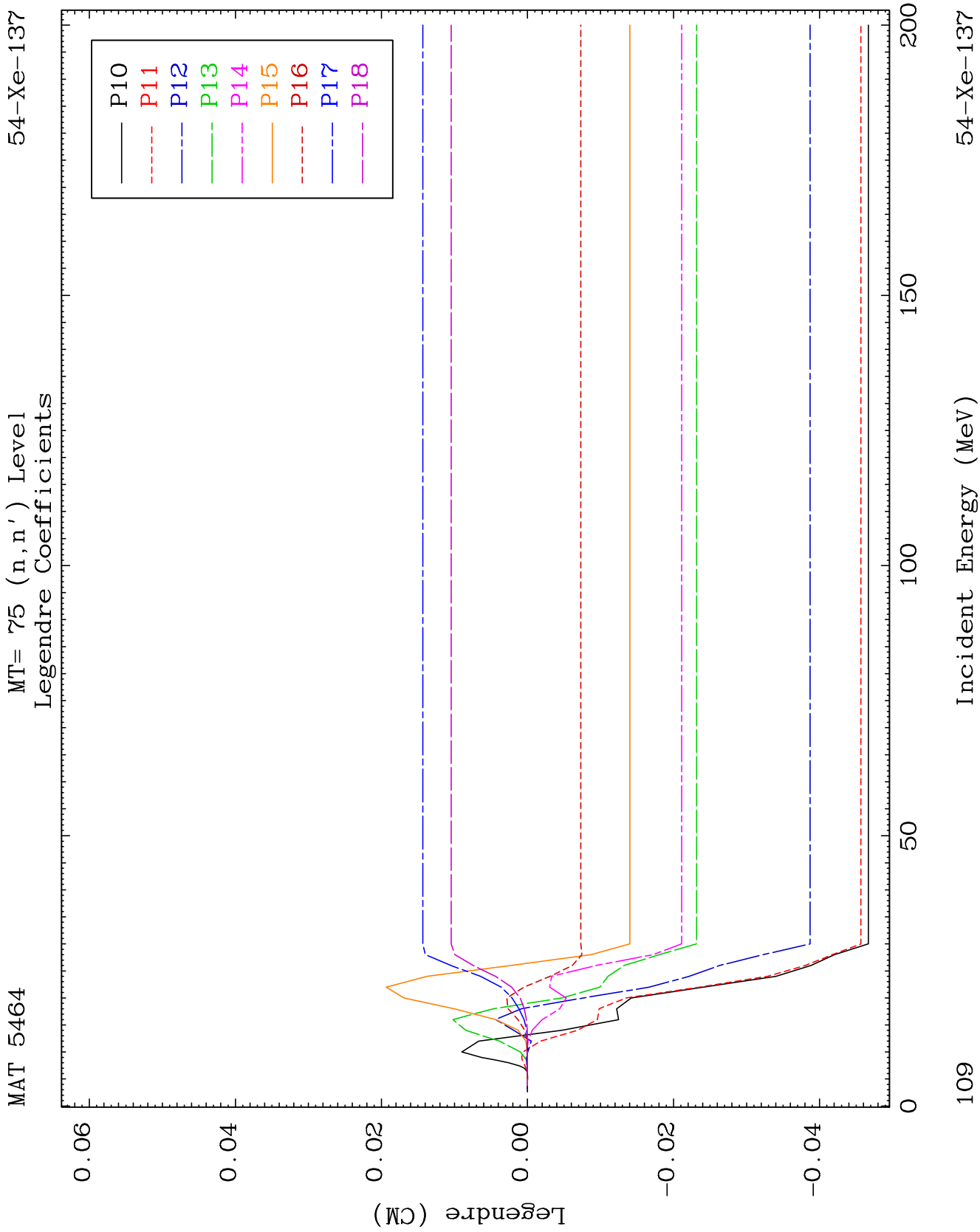


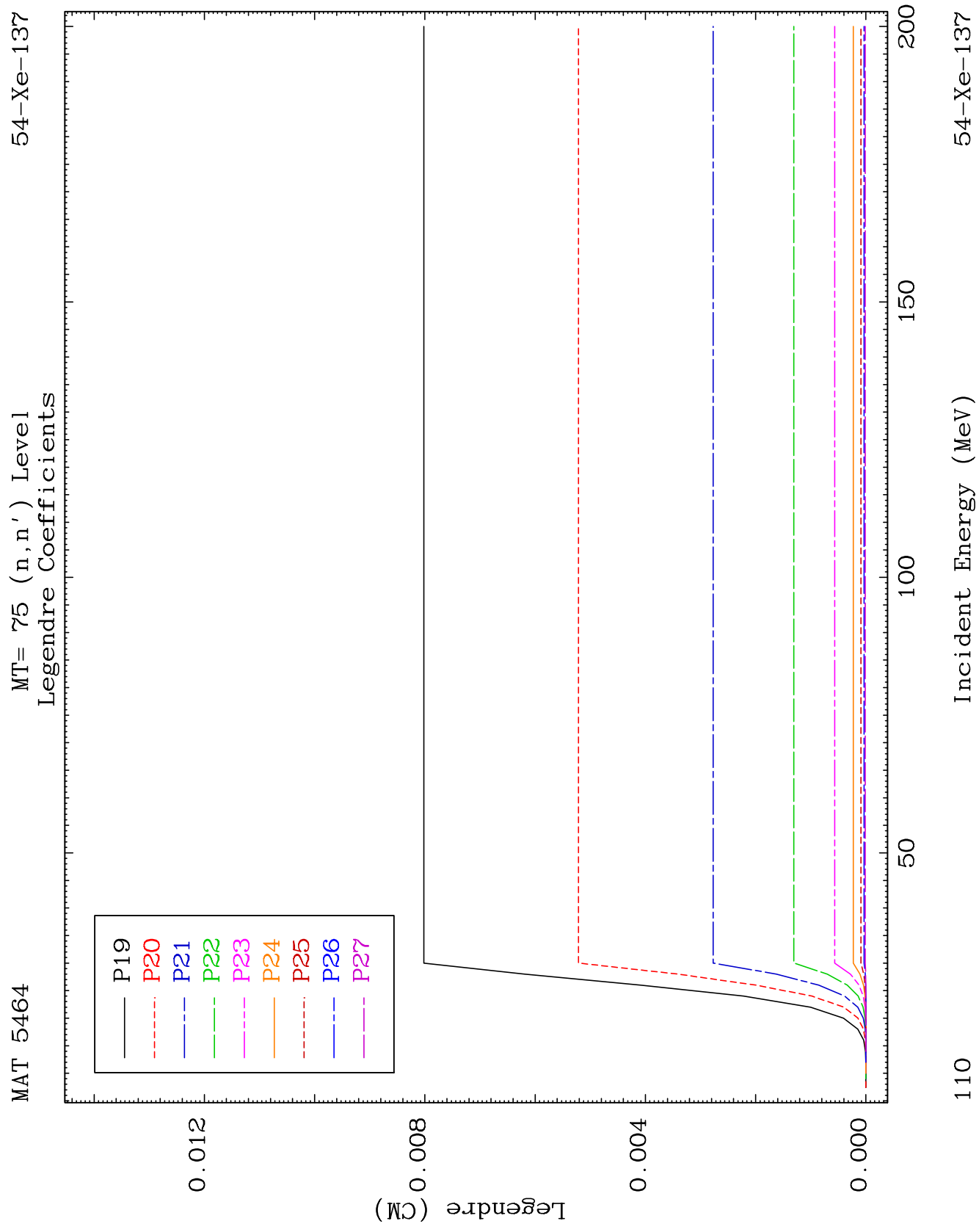
MAT 5464

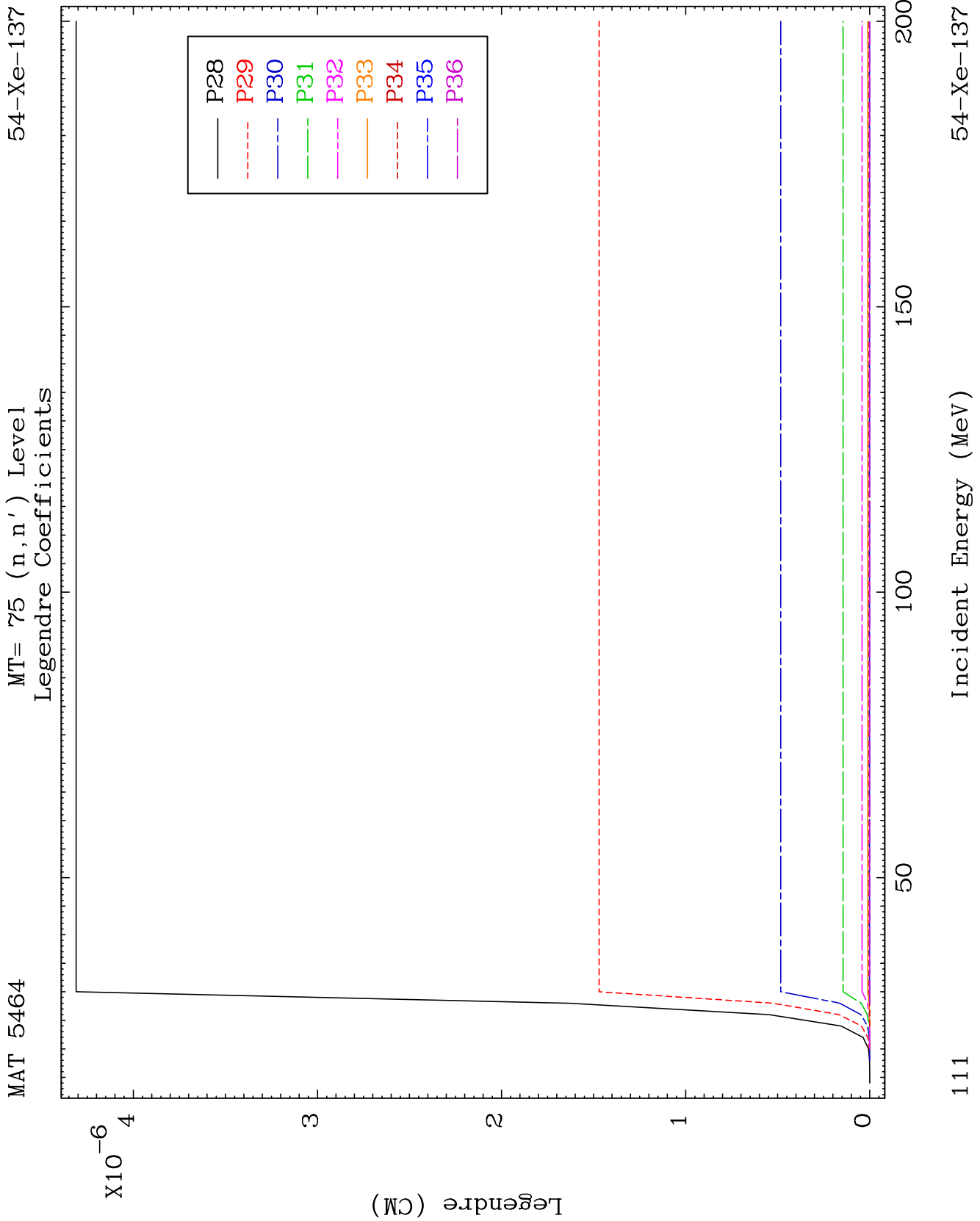
MT= 75 (n, n') Level
Legendre Coefficients

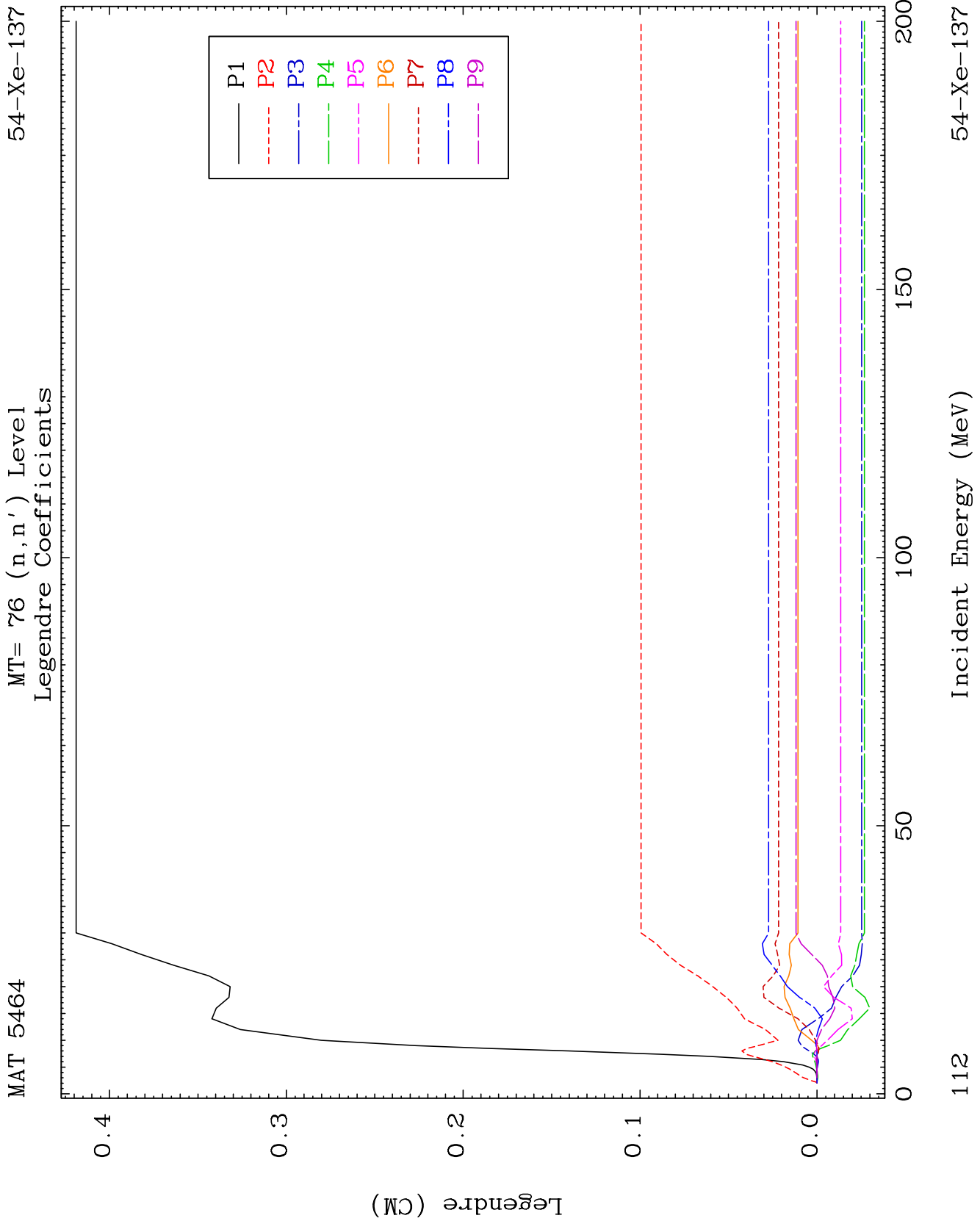
54-Xe-137

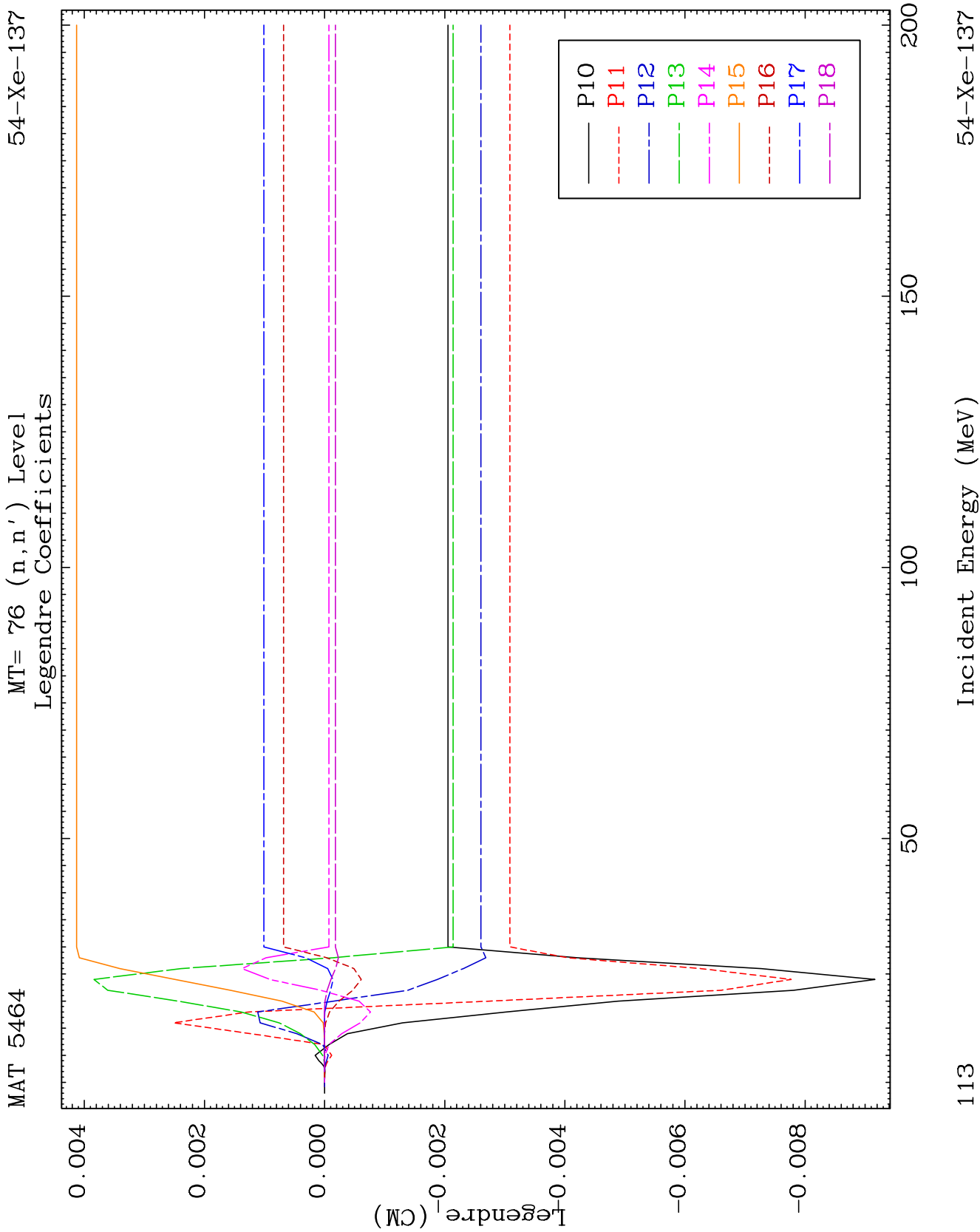


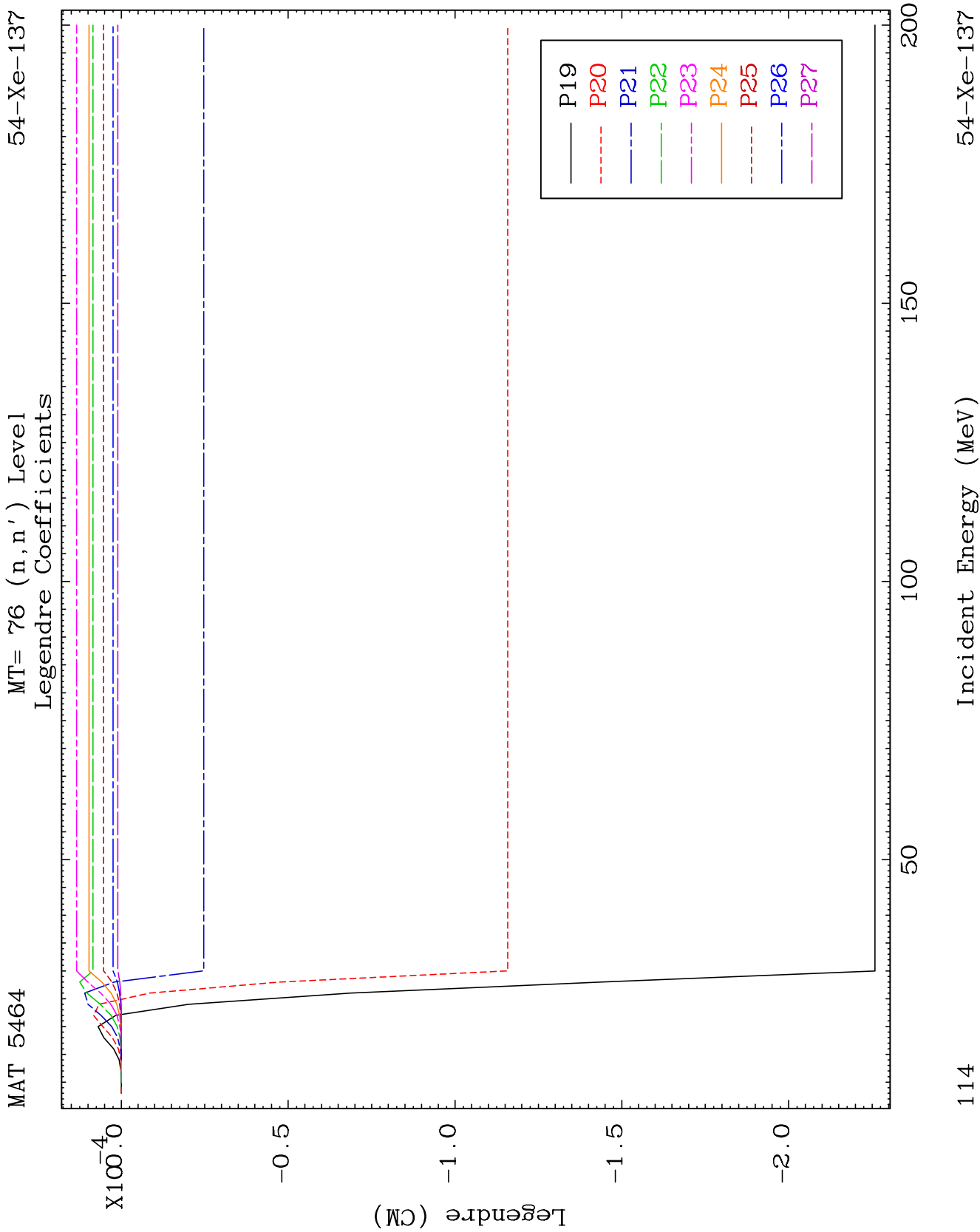


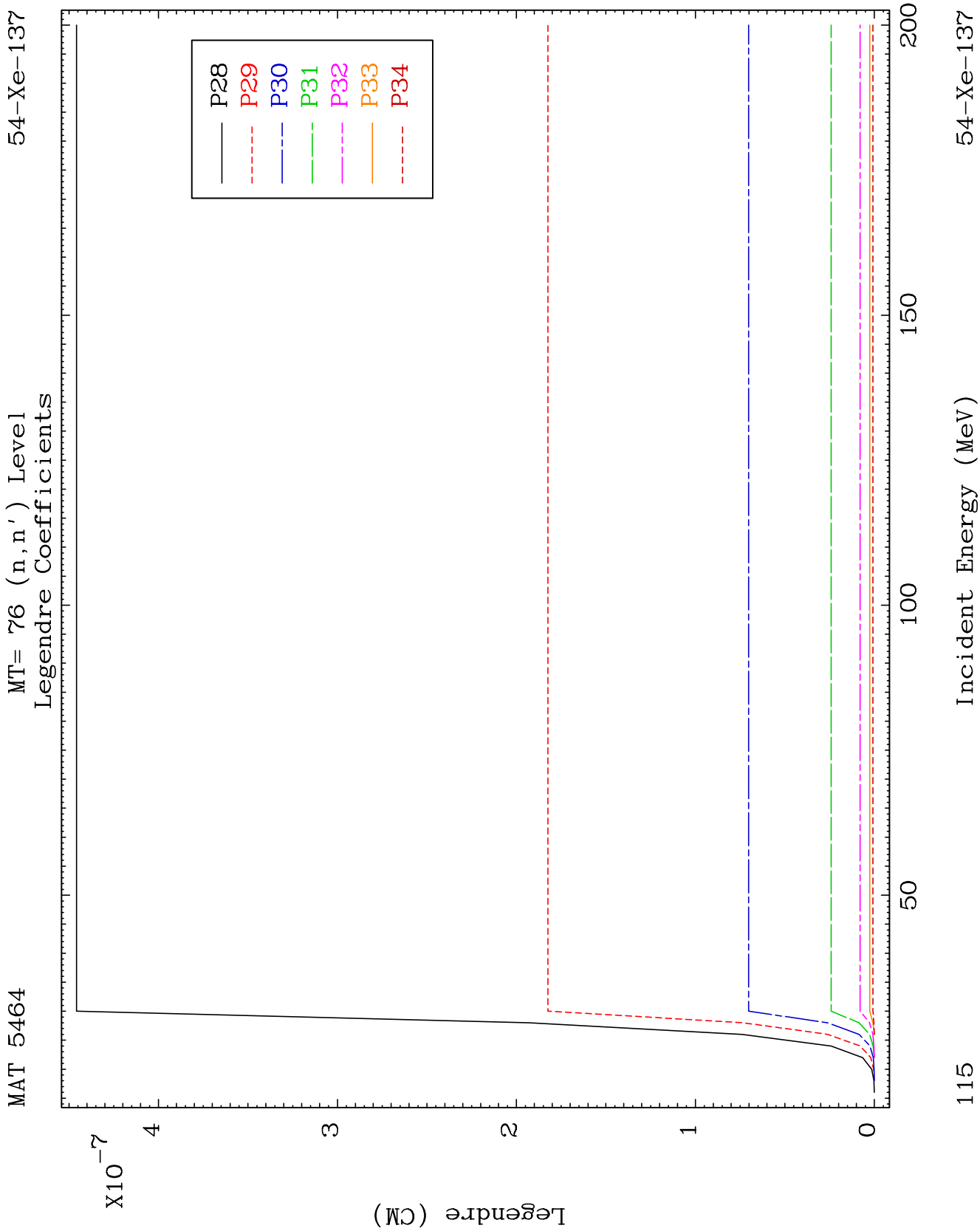








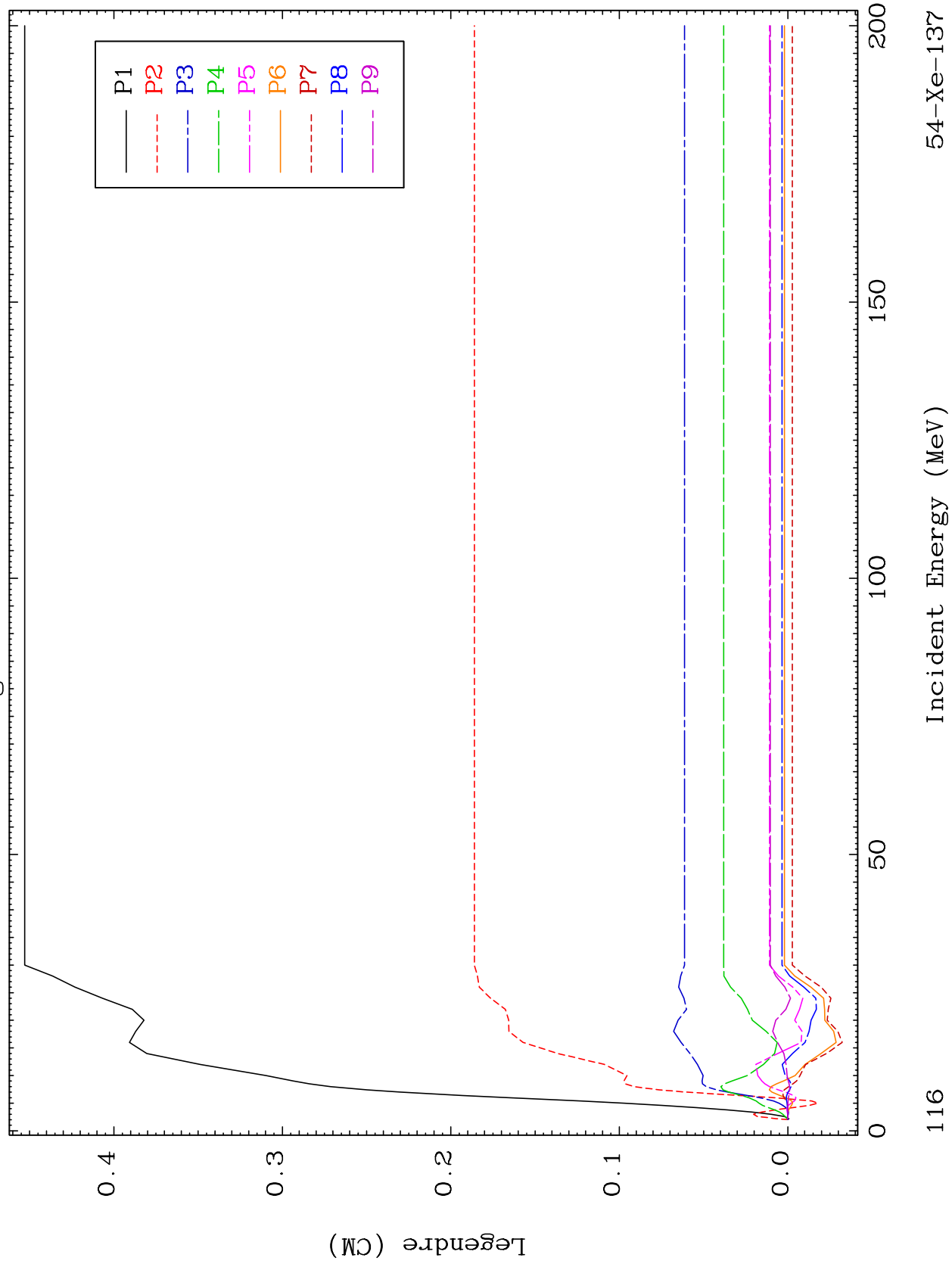




MAT 5464

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

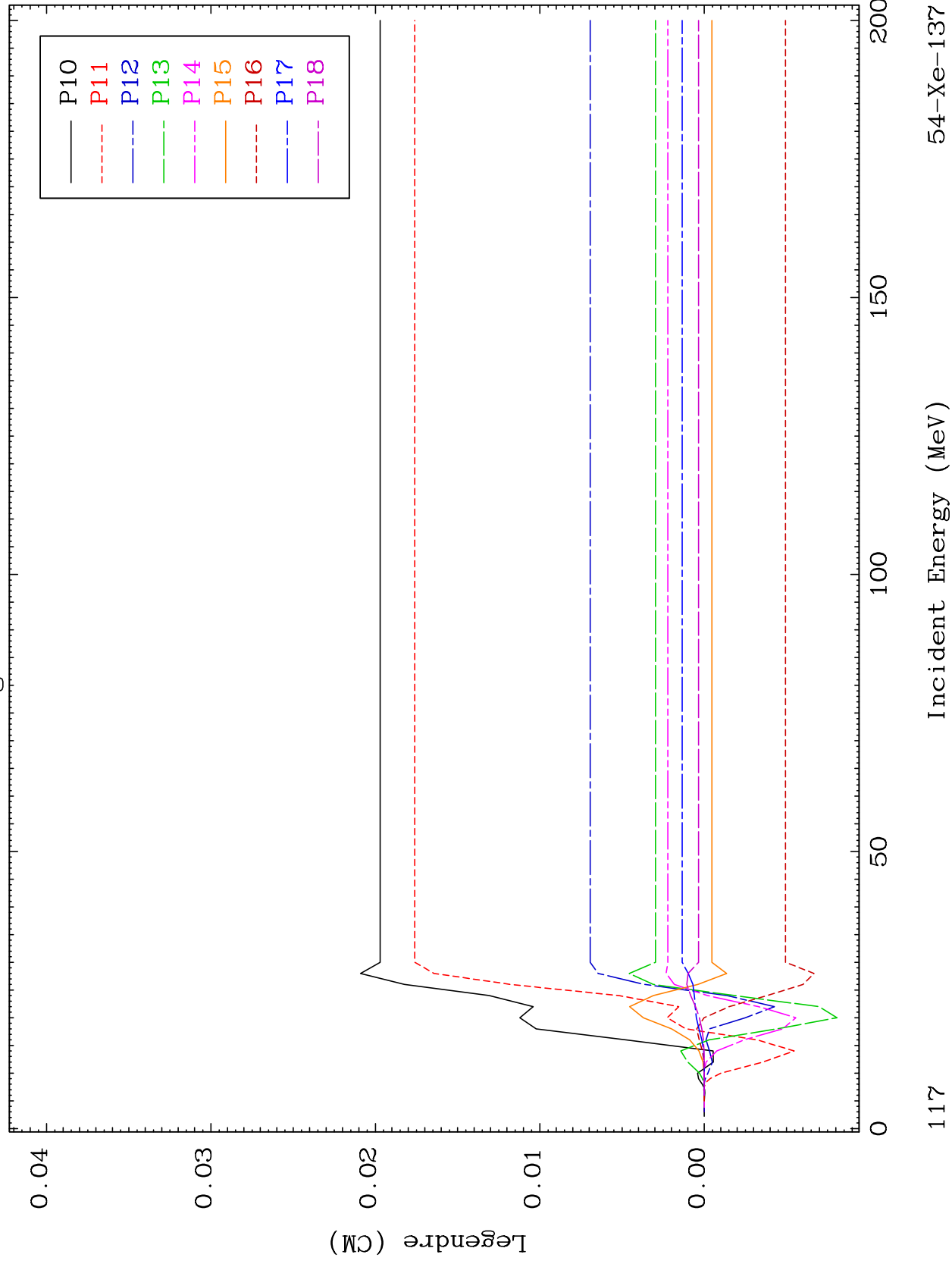
54-Xe-137



MAT 5464

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

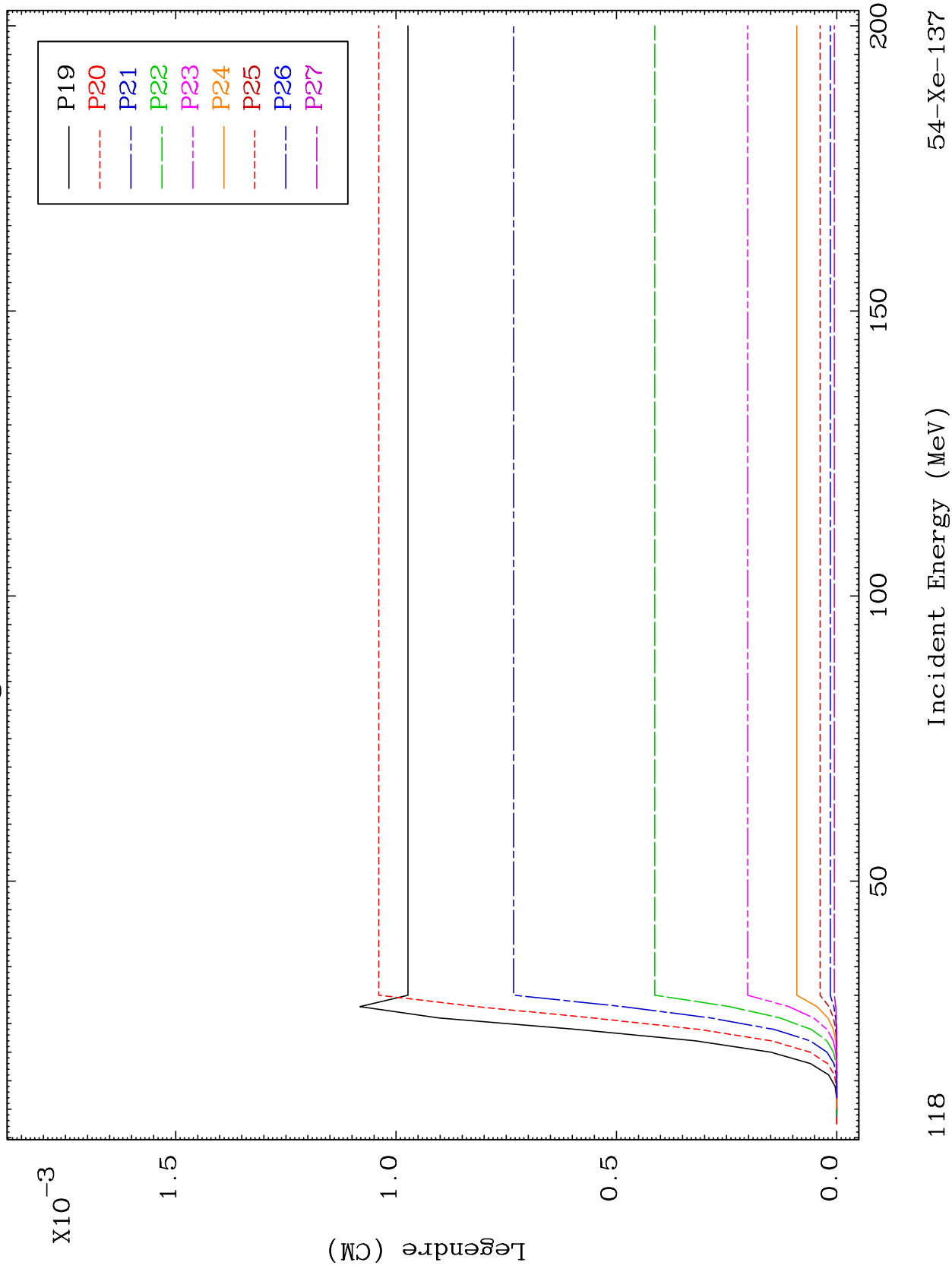
54-Xe-137

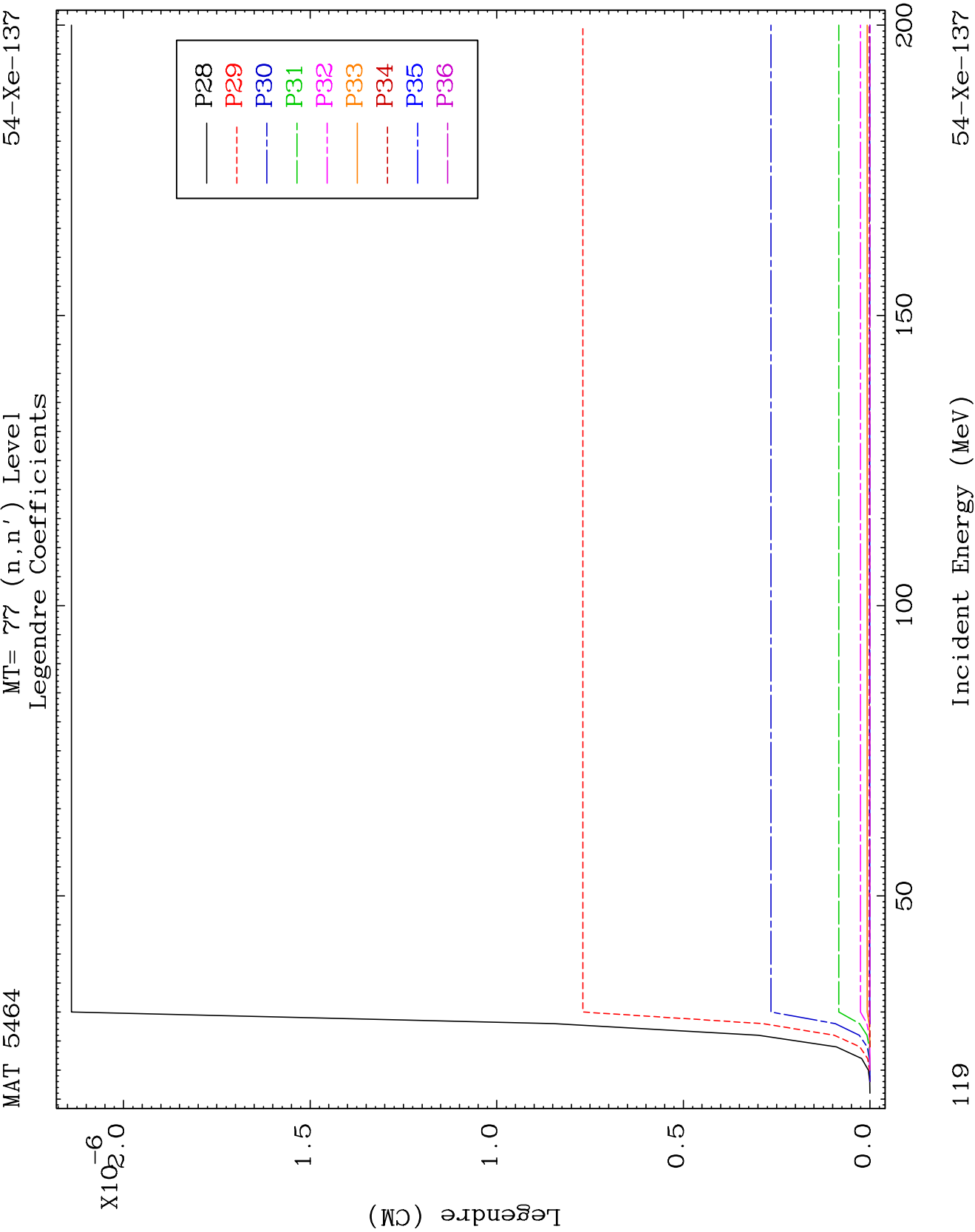


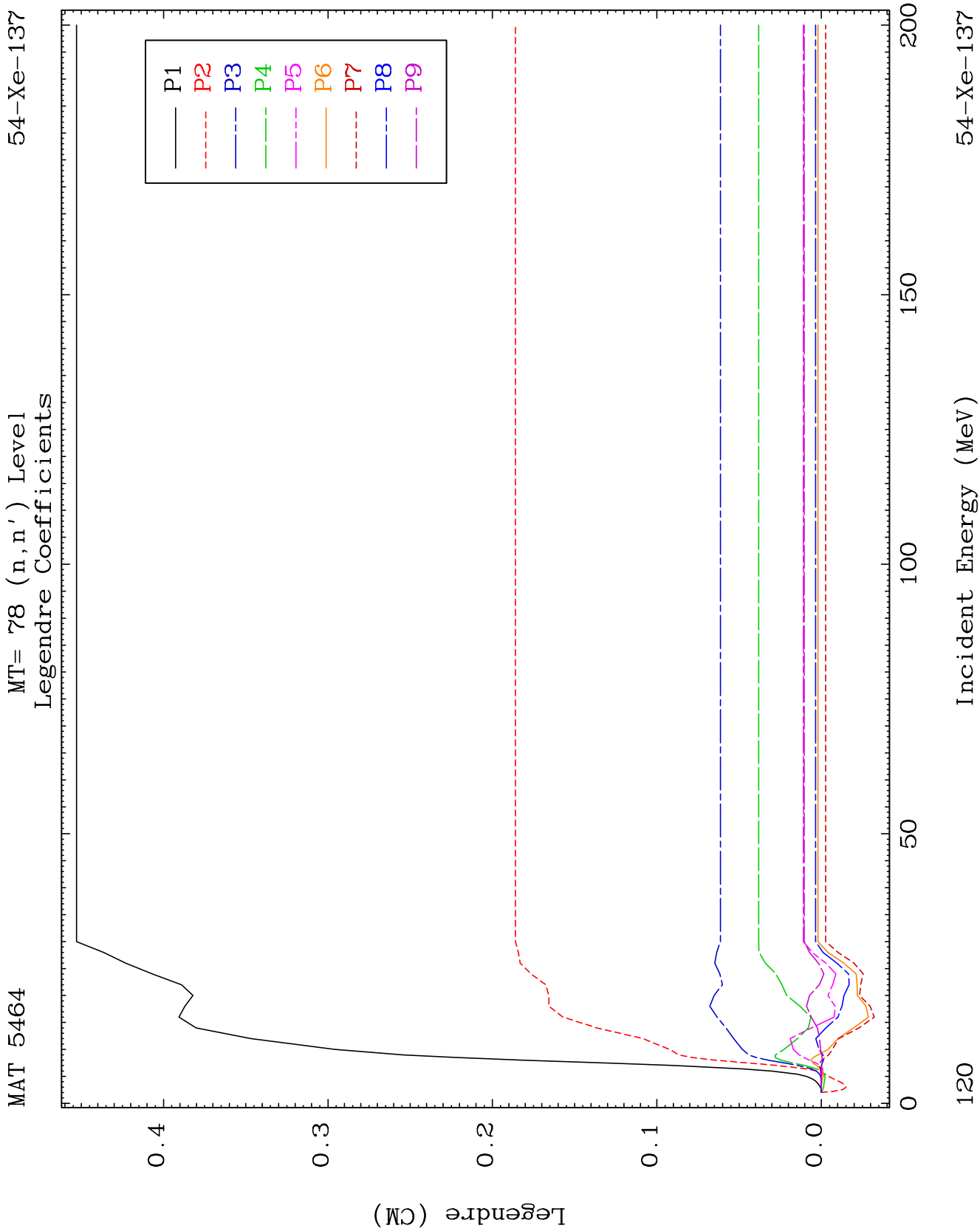
MAT 5464

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

54-Xe-137



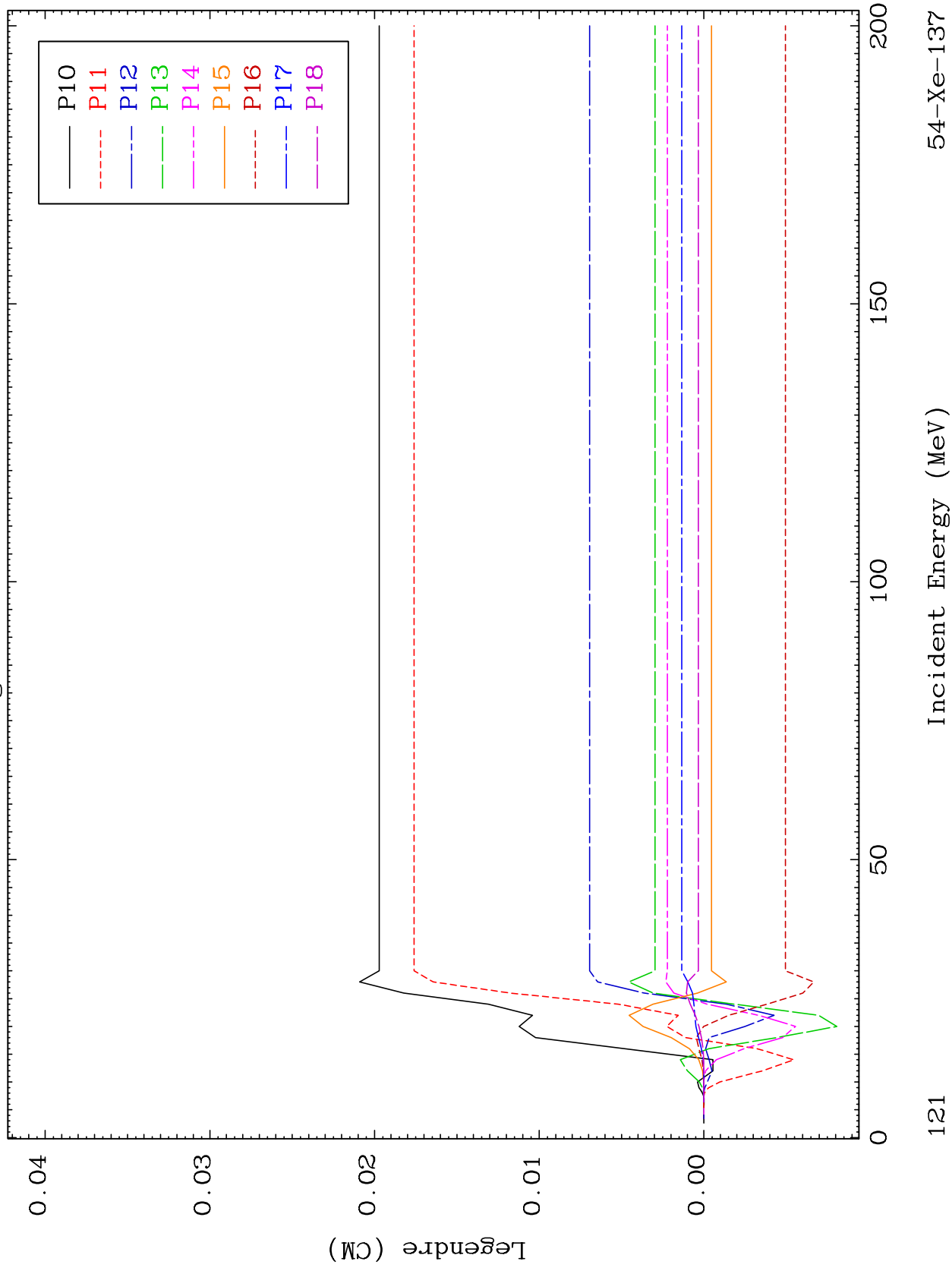


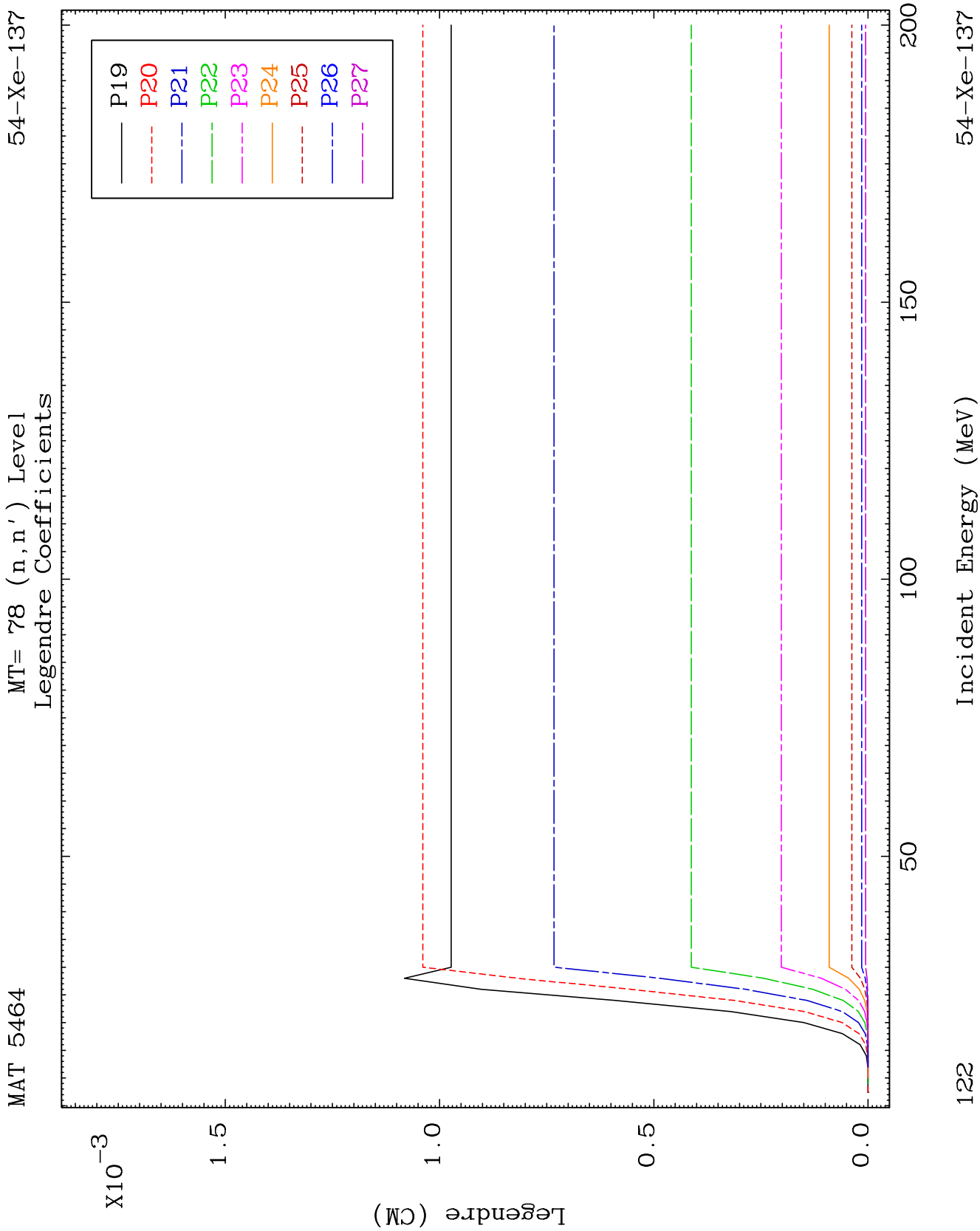


MAT 5464

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

54-Xe-137

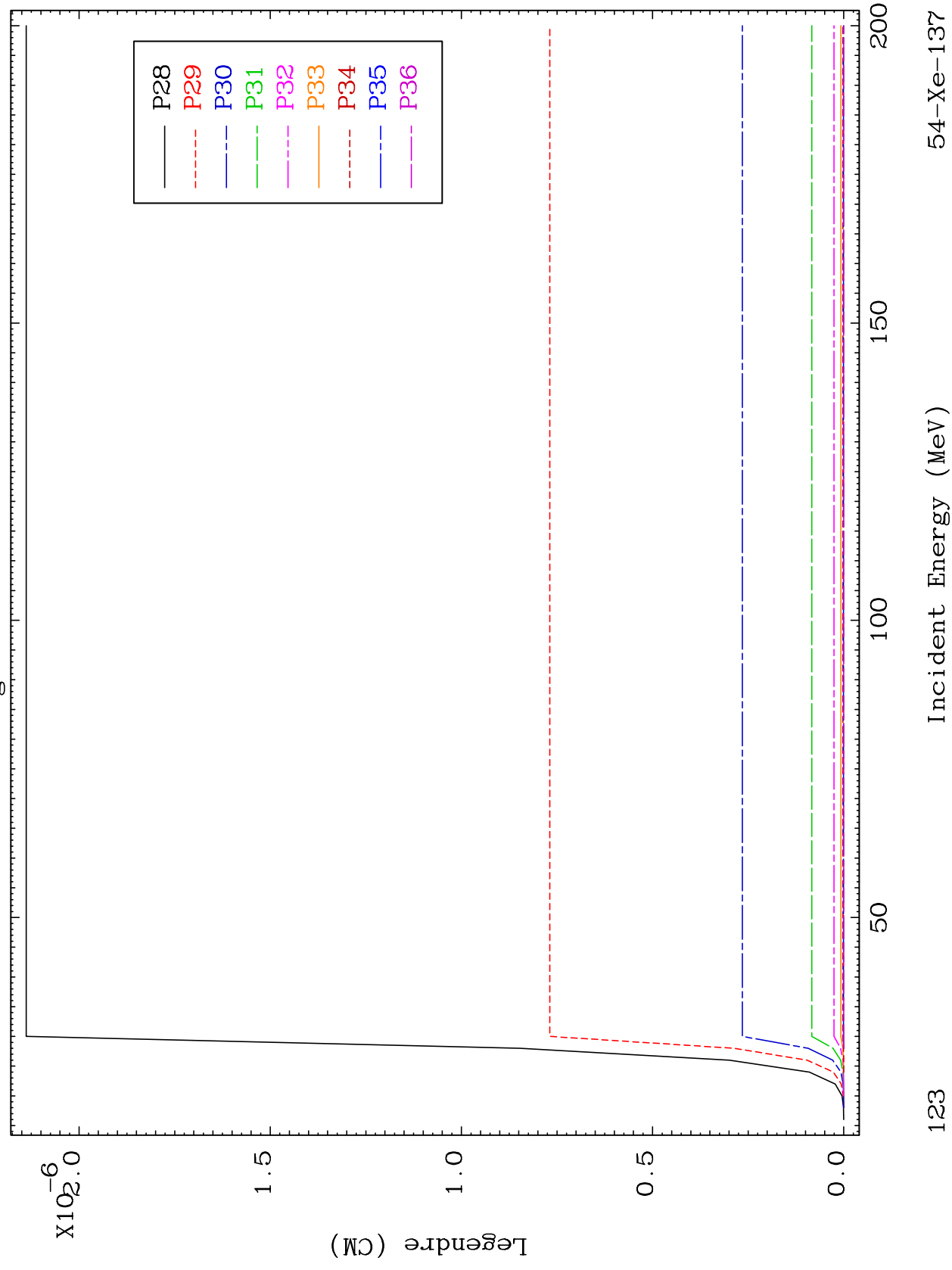




MAT 5464

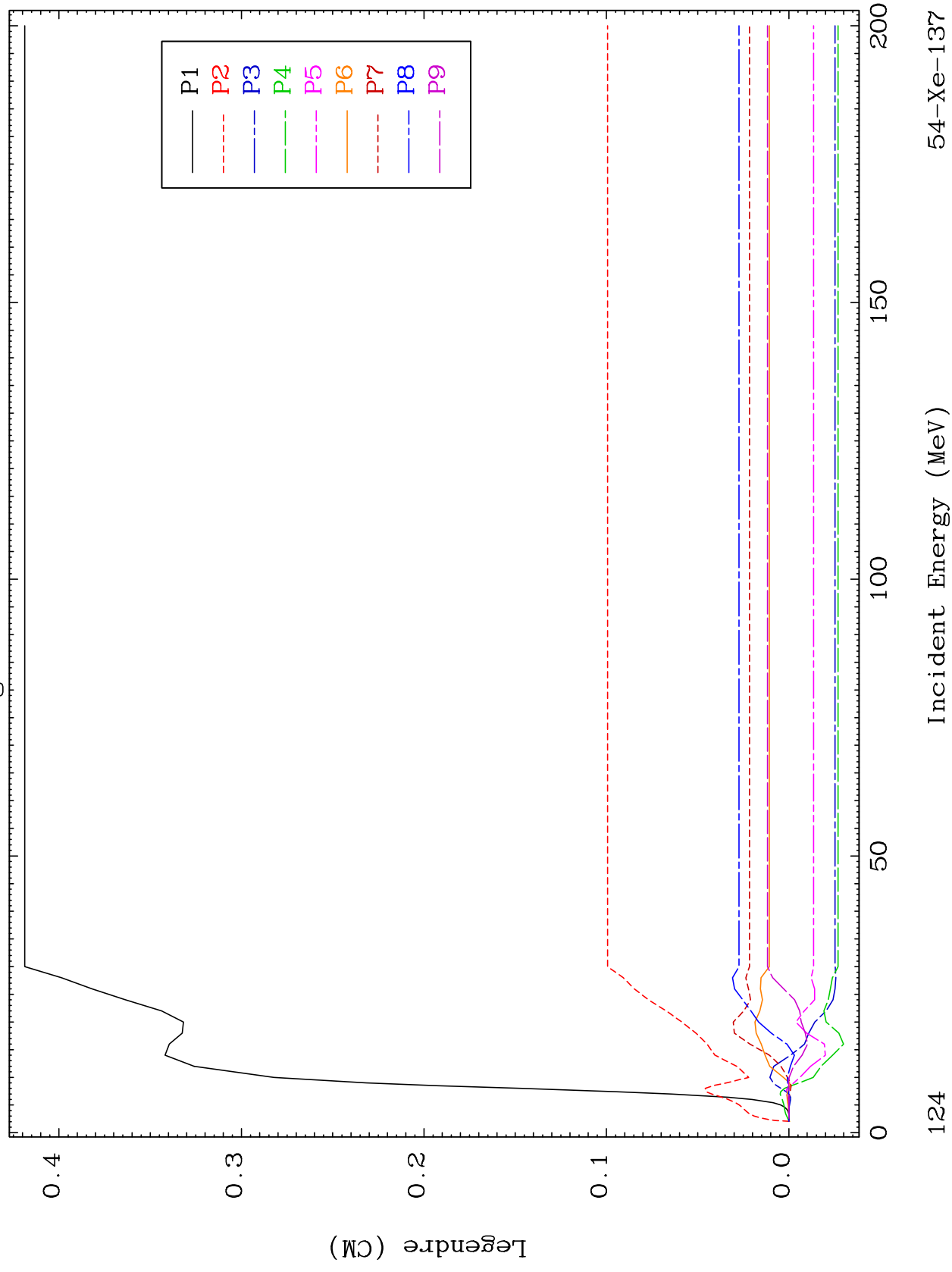
MT= 78 (n, n') Level
Legendre Coefficients

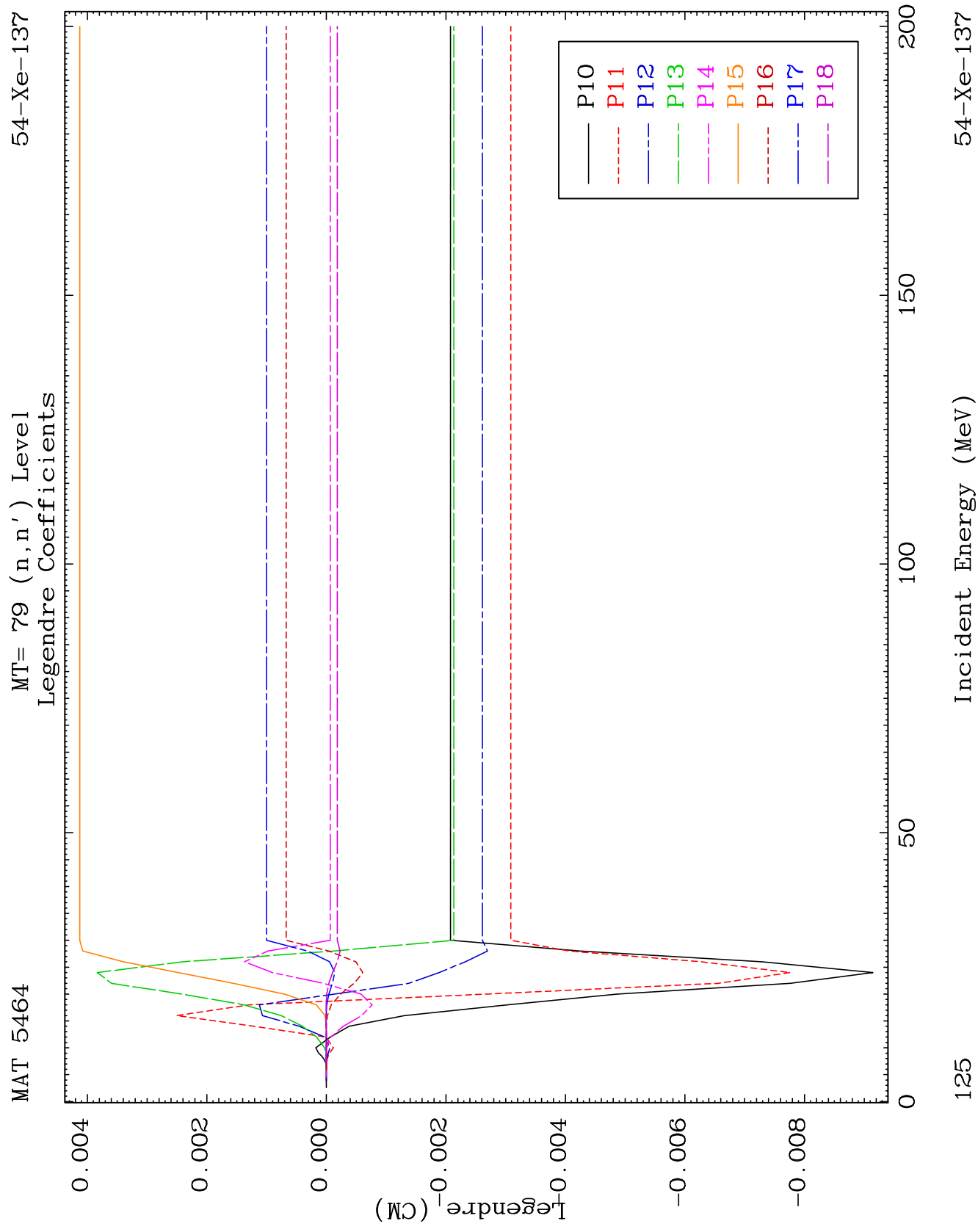
54-Xe-137

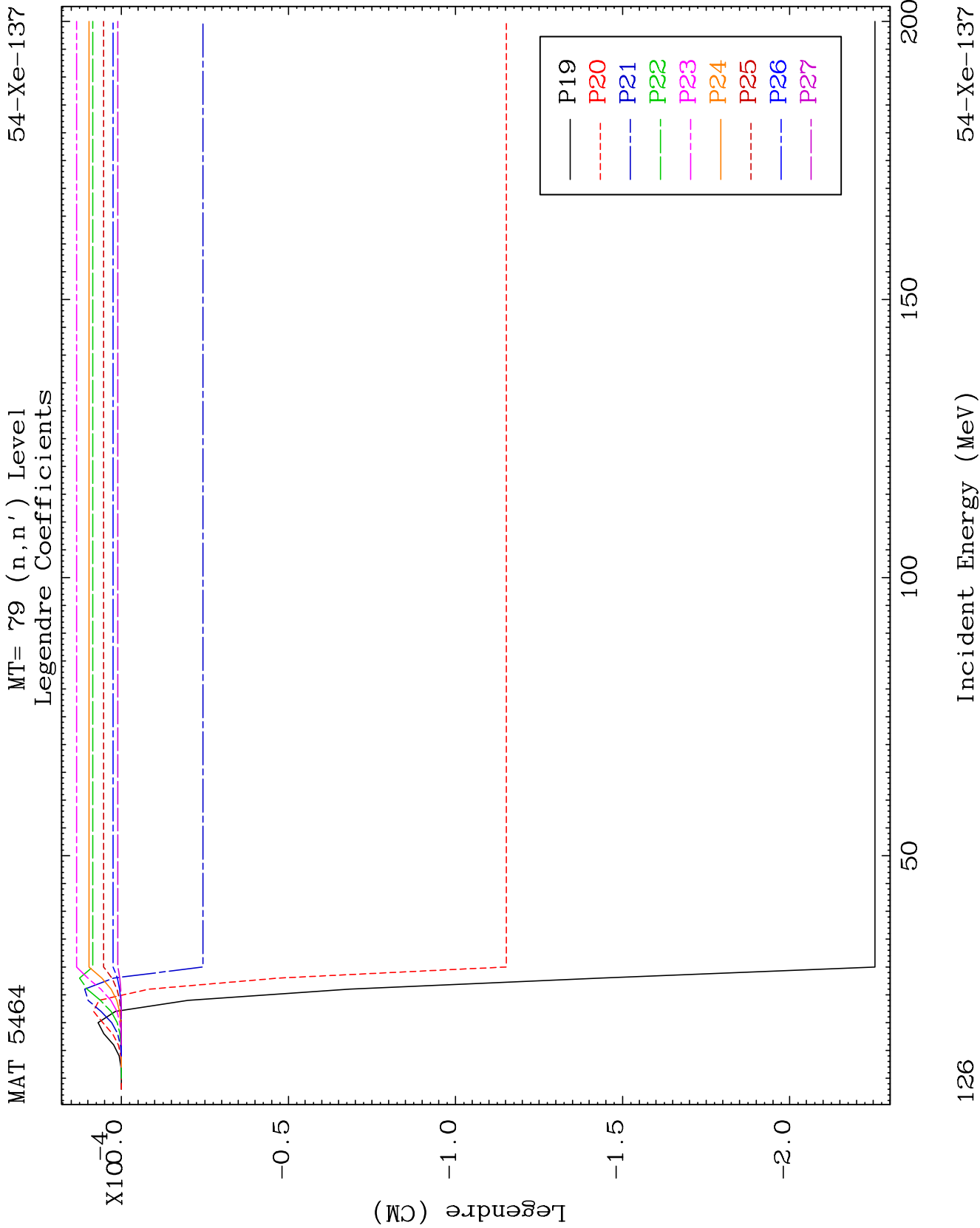


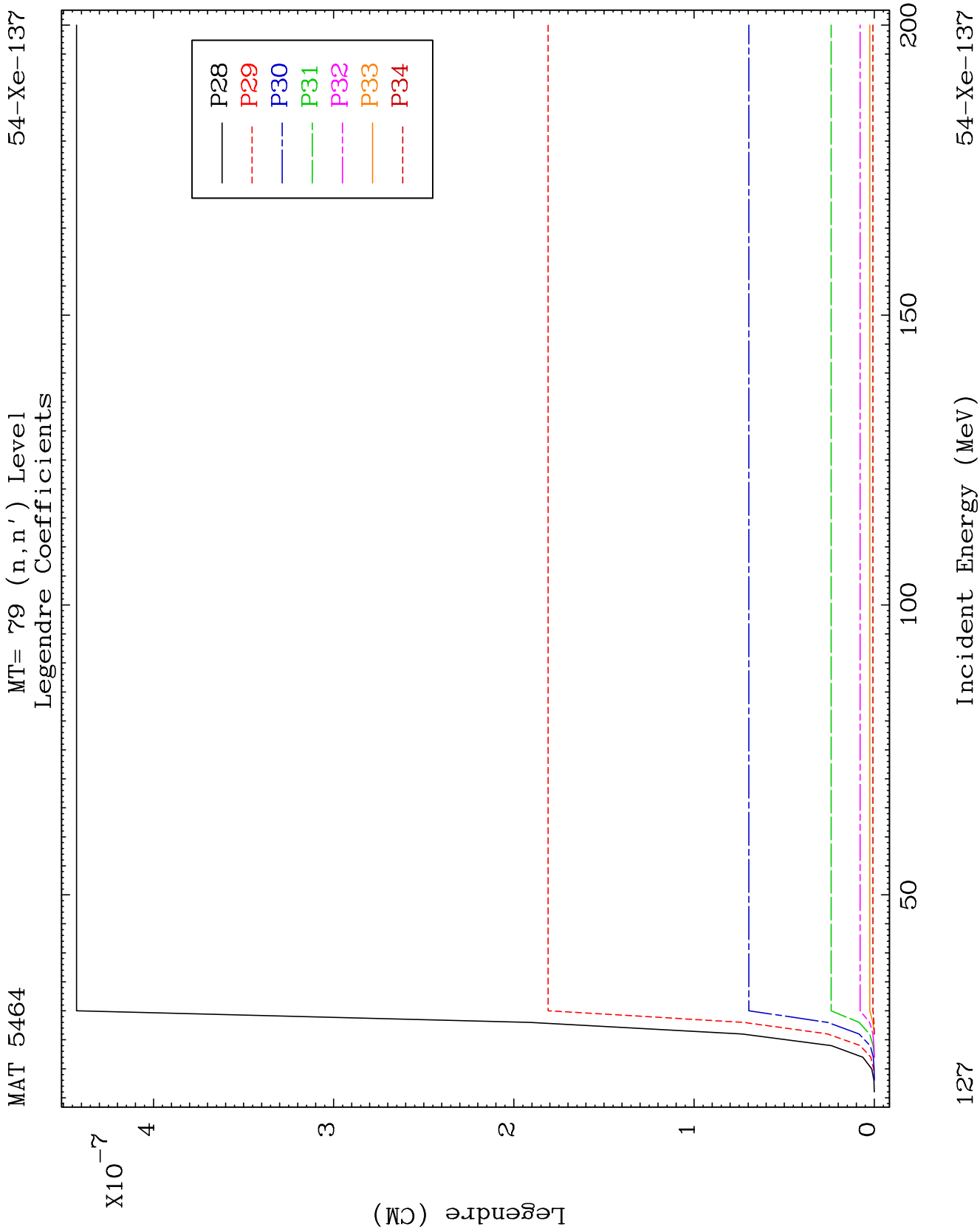
MAT 5464

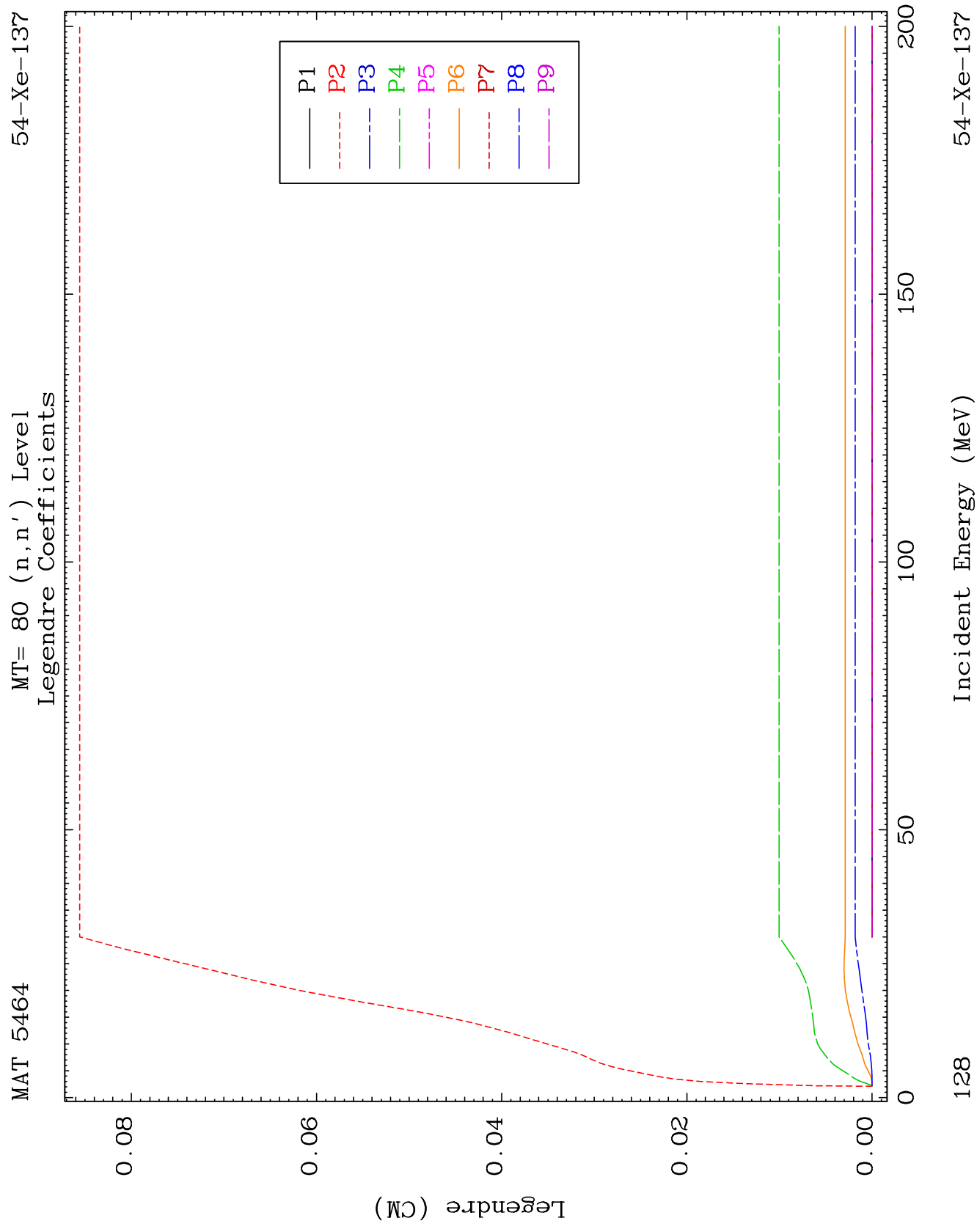
MT= 79 (n, n') Level
Legendre Coefficients

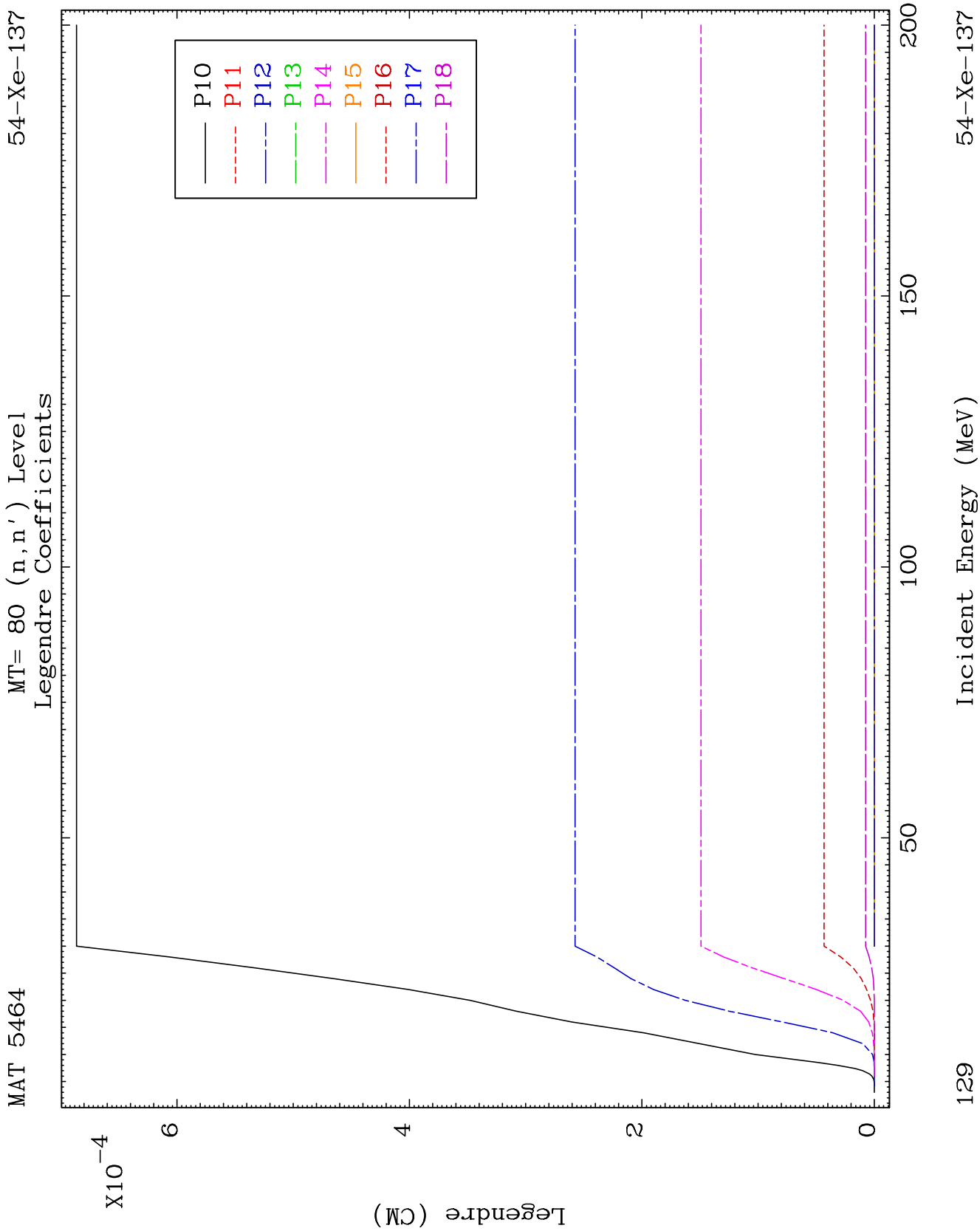
 $^{54}\text{-Xe-137}$ 

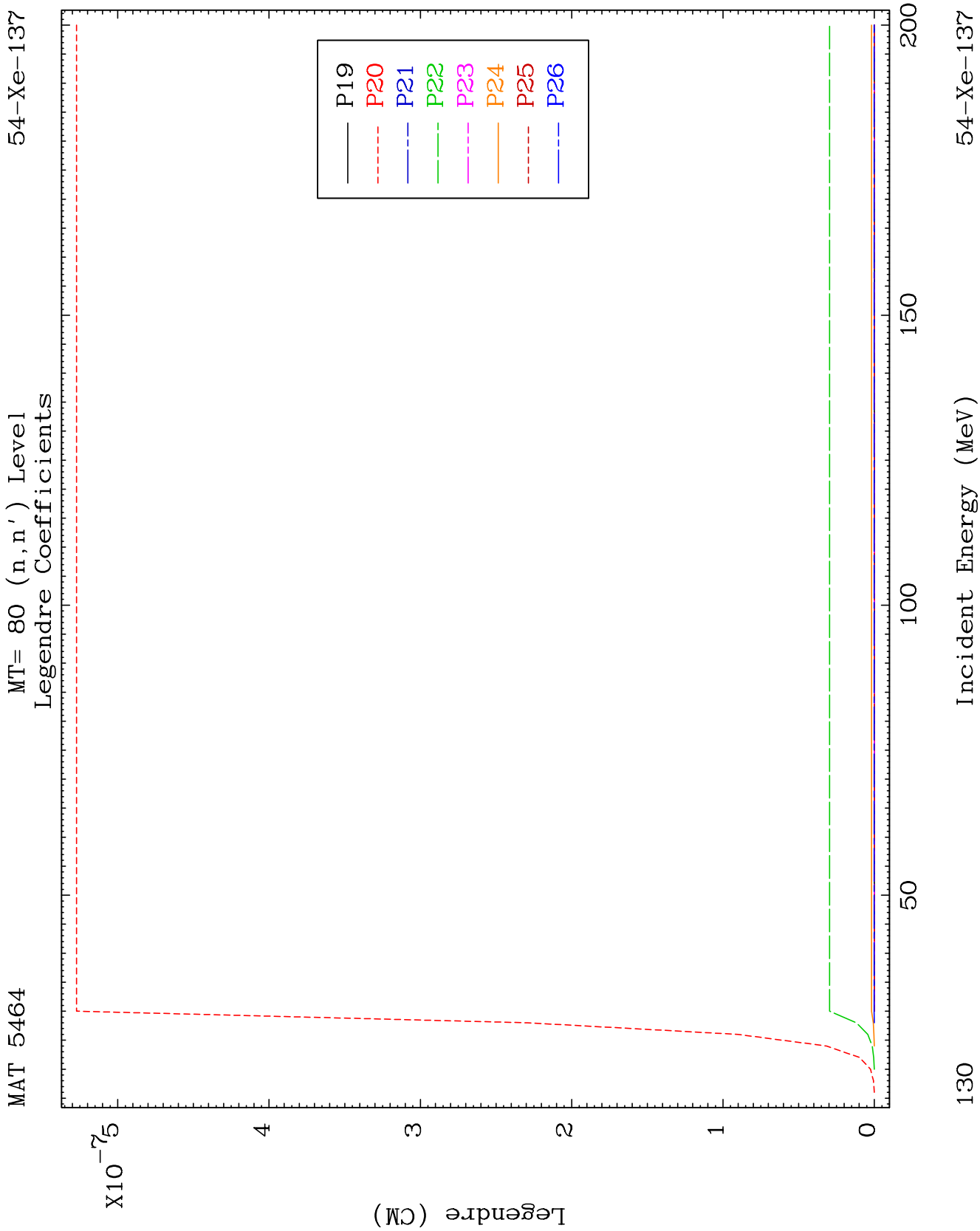


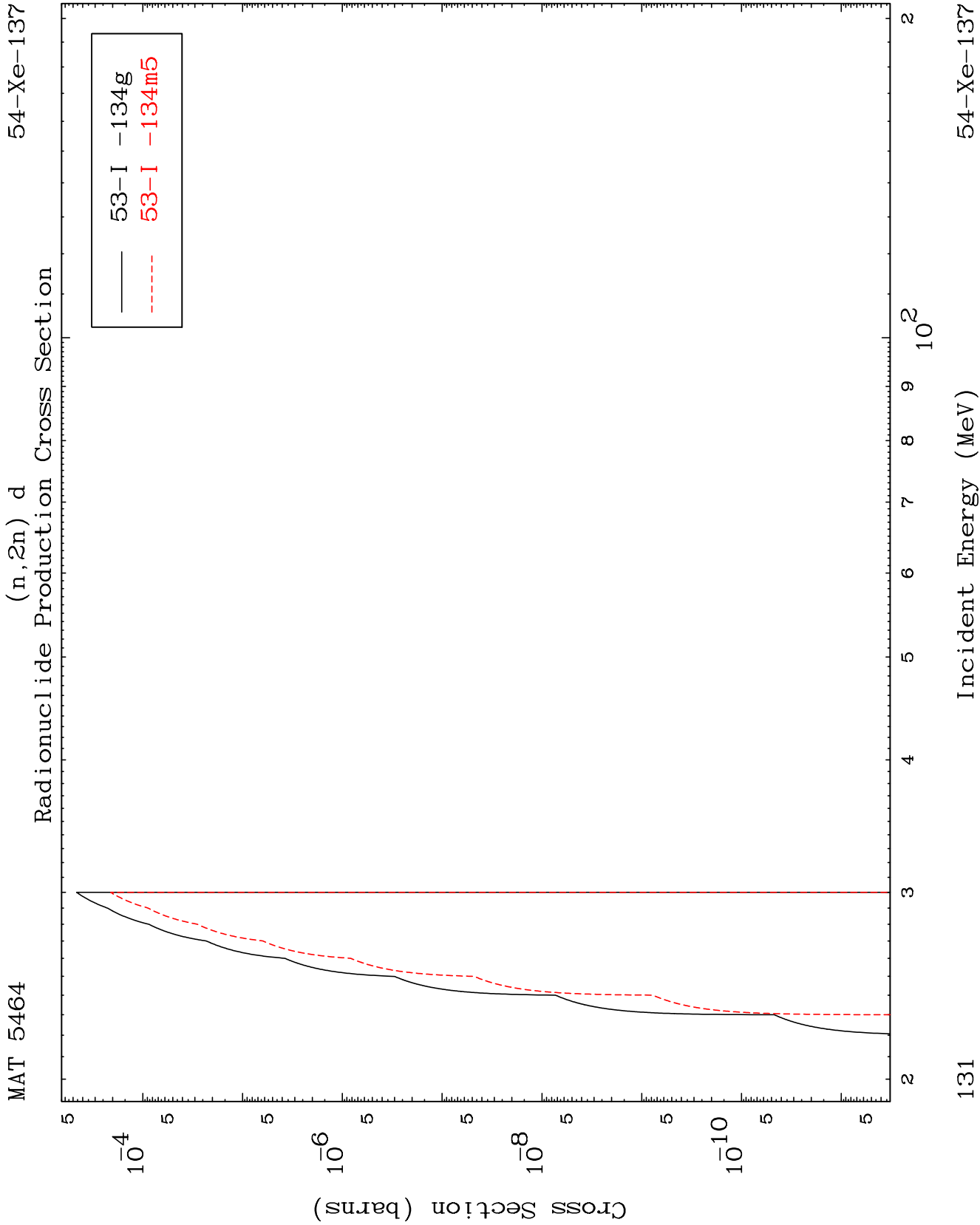


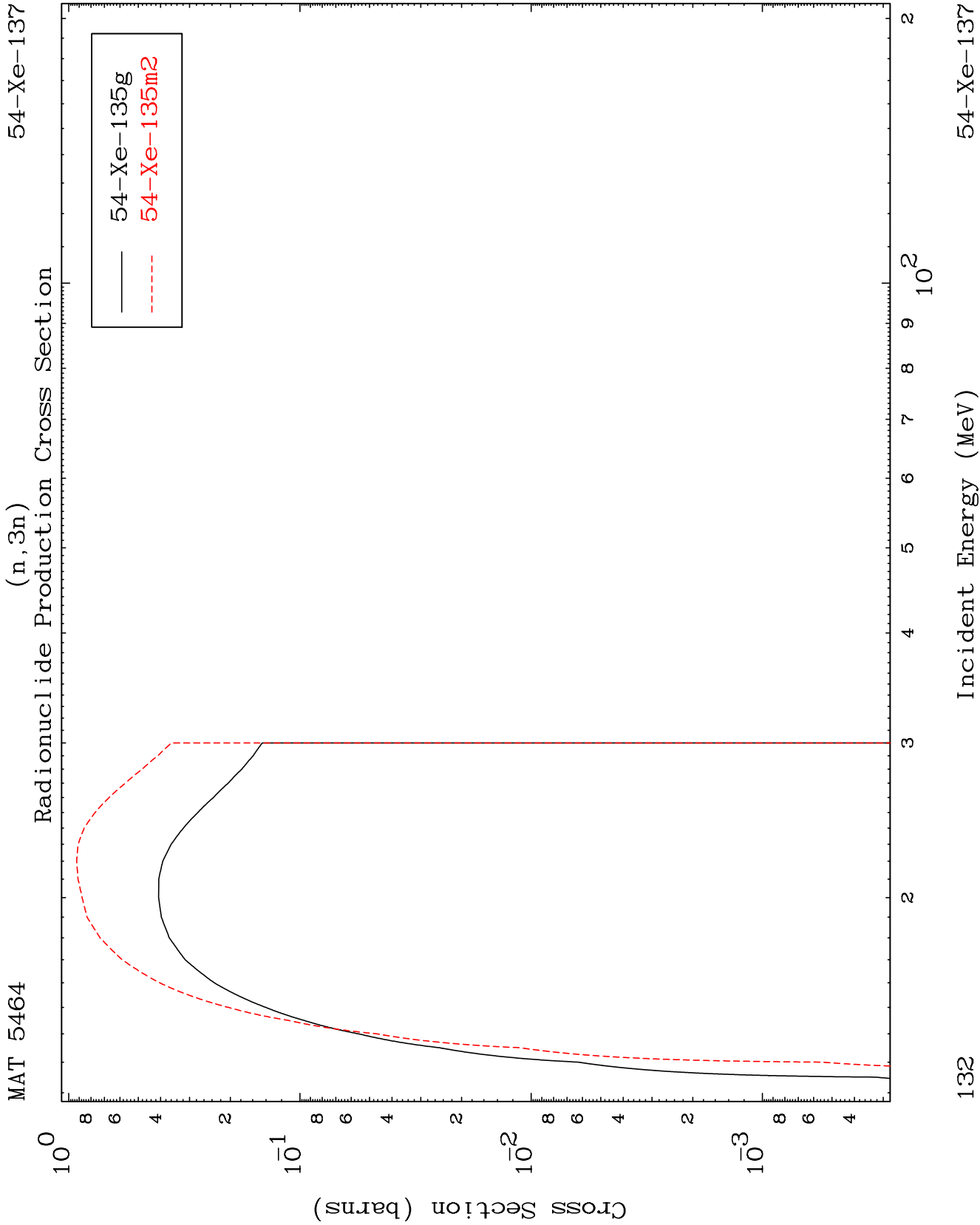










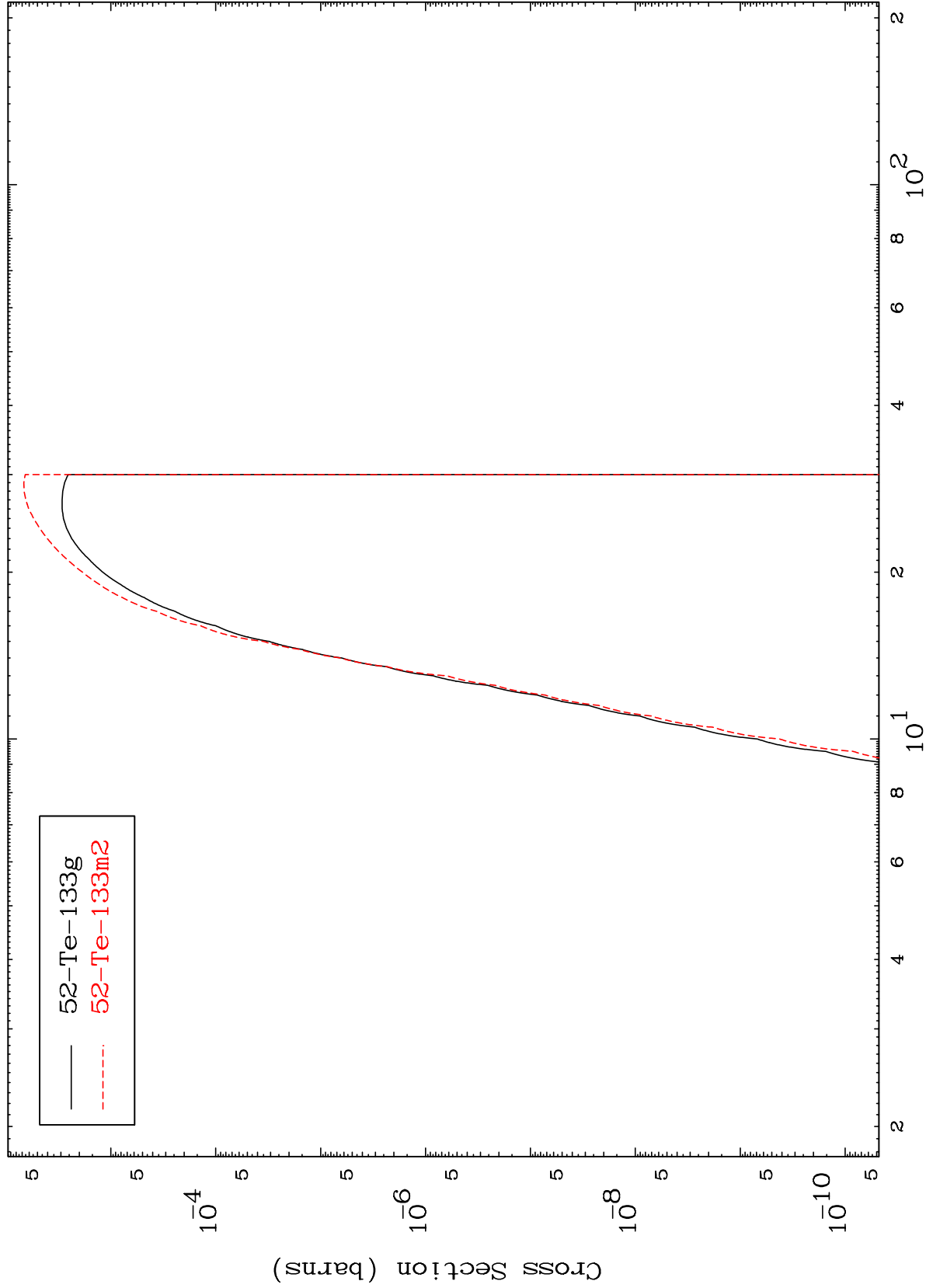


MAT 5464

54-Xe-137

(n,n') α

Radionuclide Production Cross Section



52-Te-133g
52-Te-133m2

133

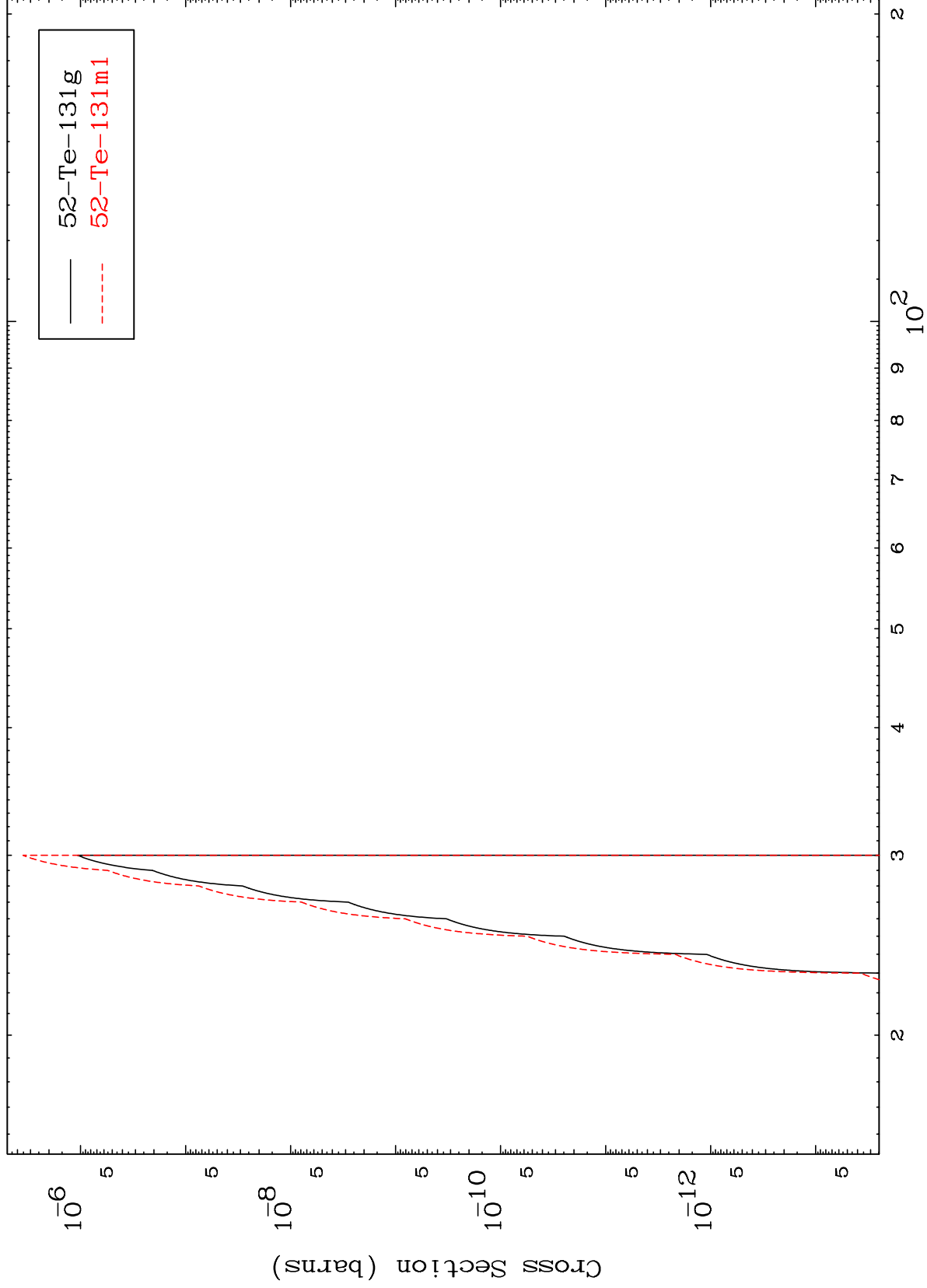
Incident Energy (MeV)

54-Xe-137

MAT 5464

54-Xe-137

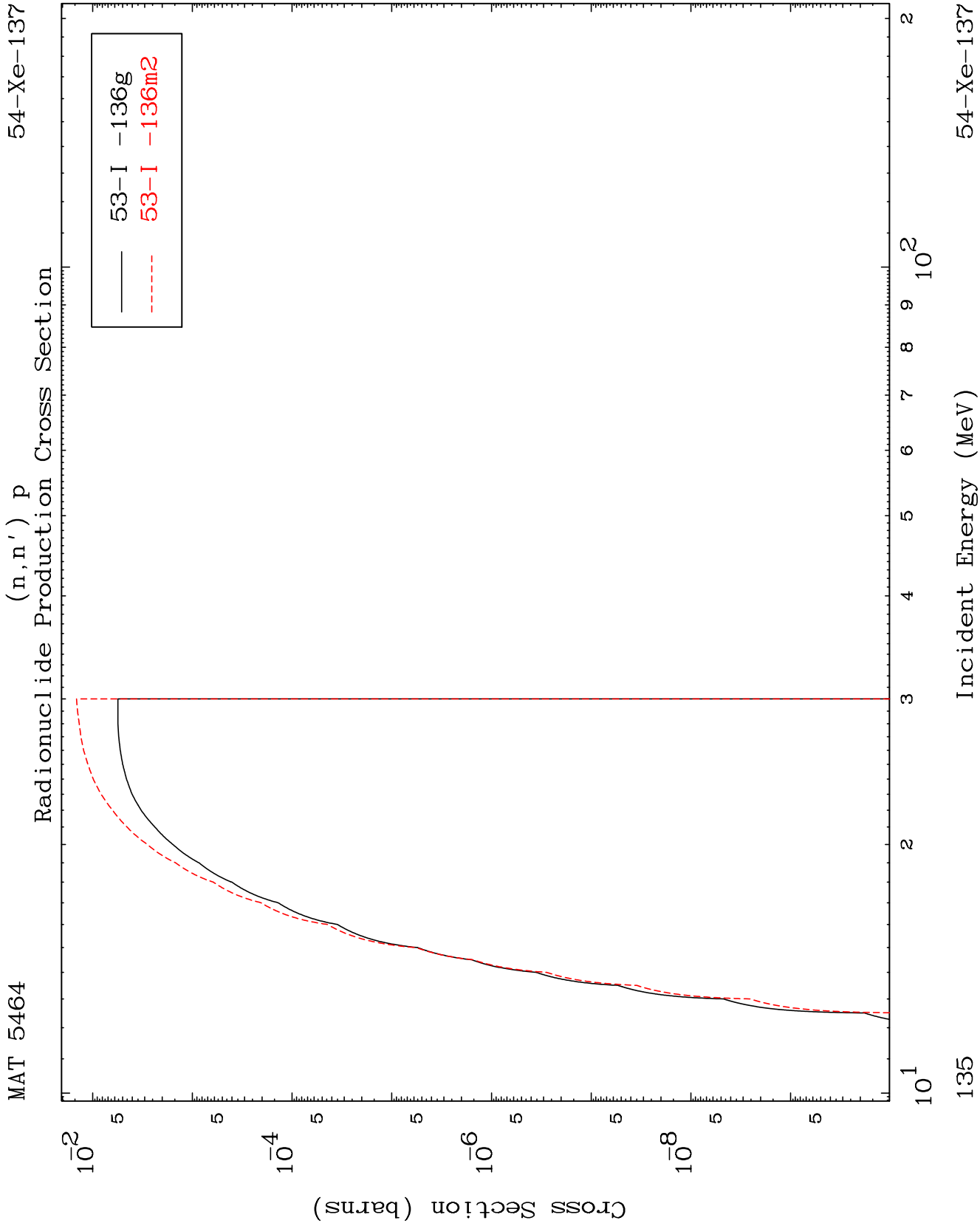
(n,3n) α
Radionuclide Production Cross Section

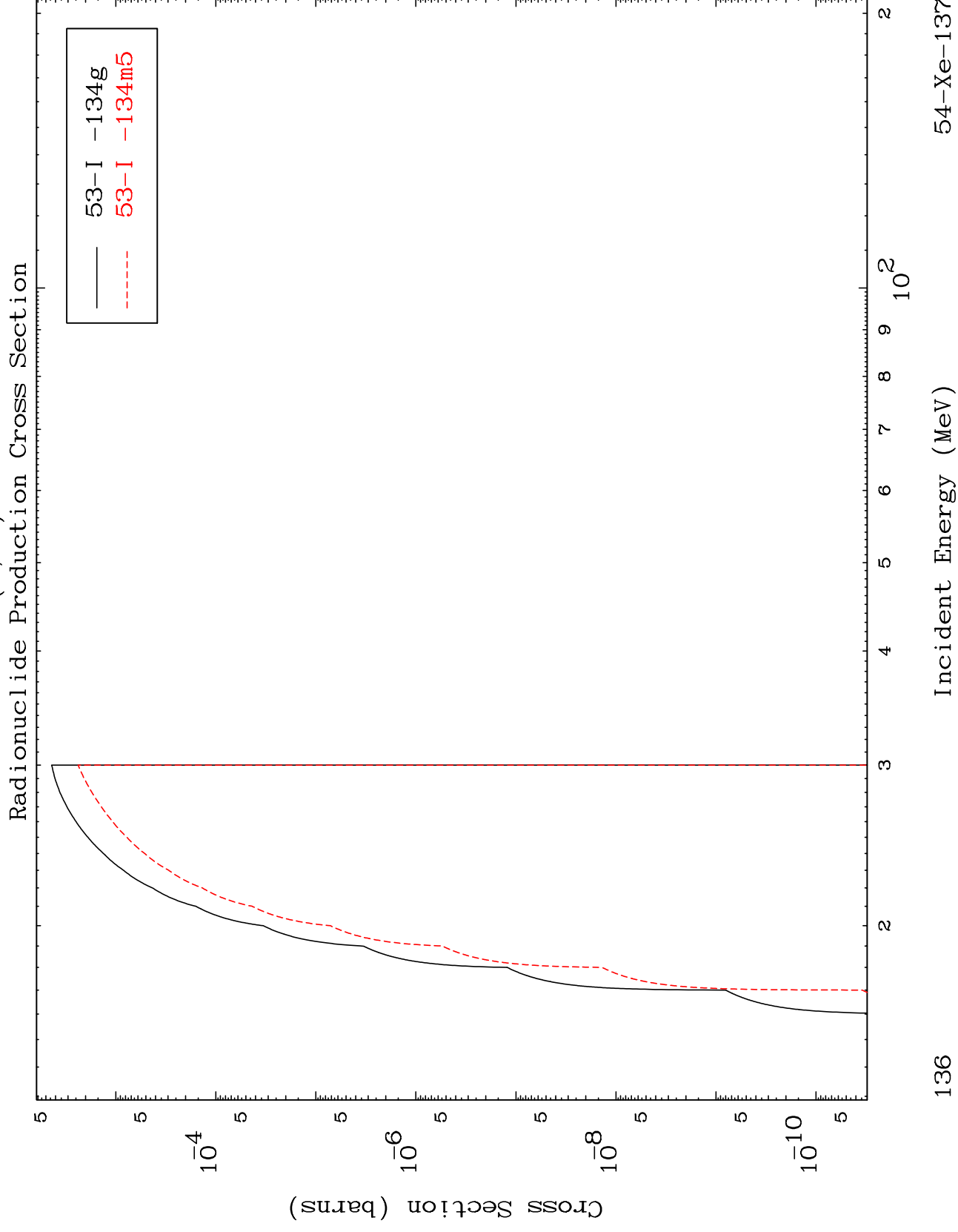


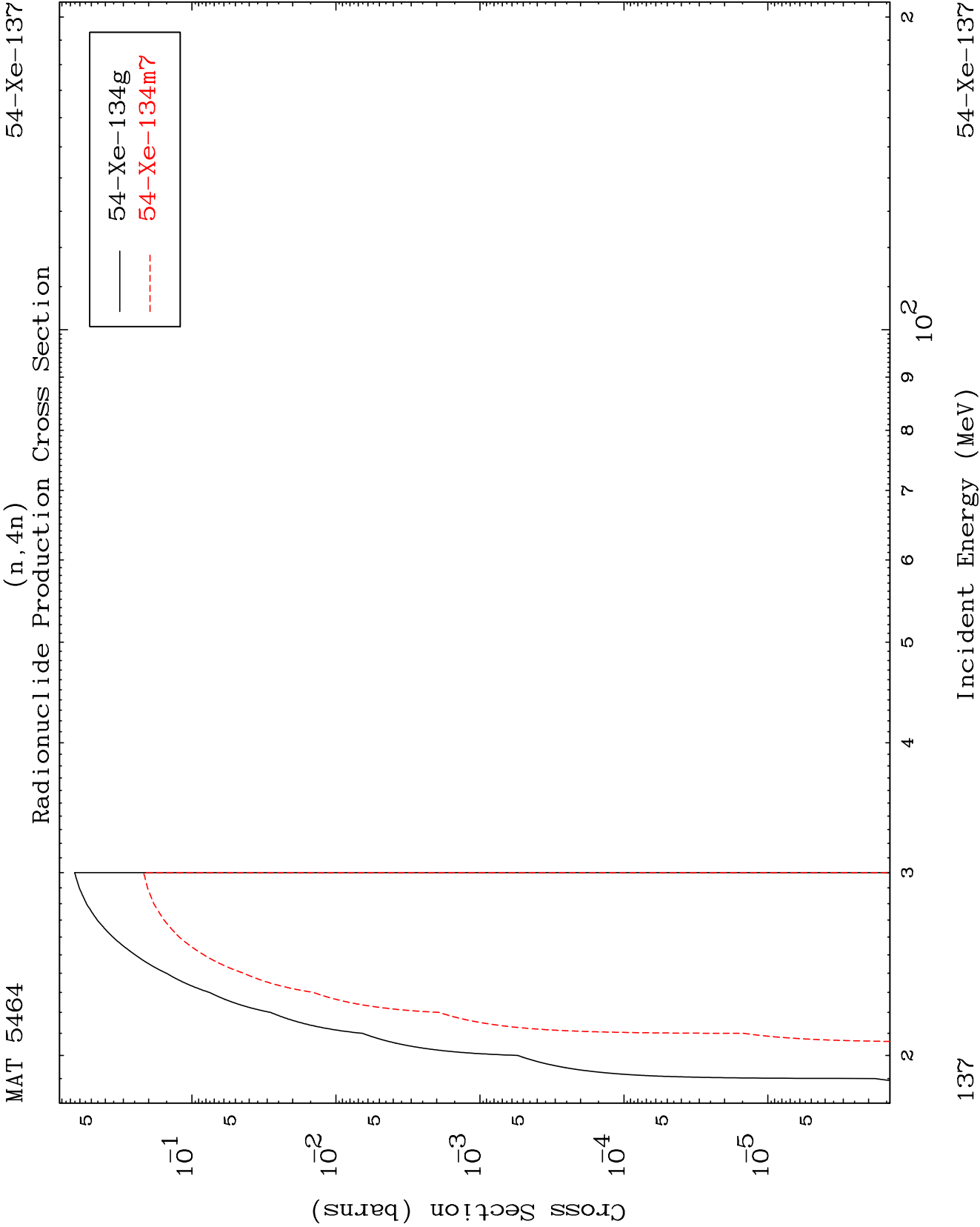
54-Xe-137

Incident Energy (MeV)

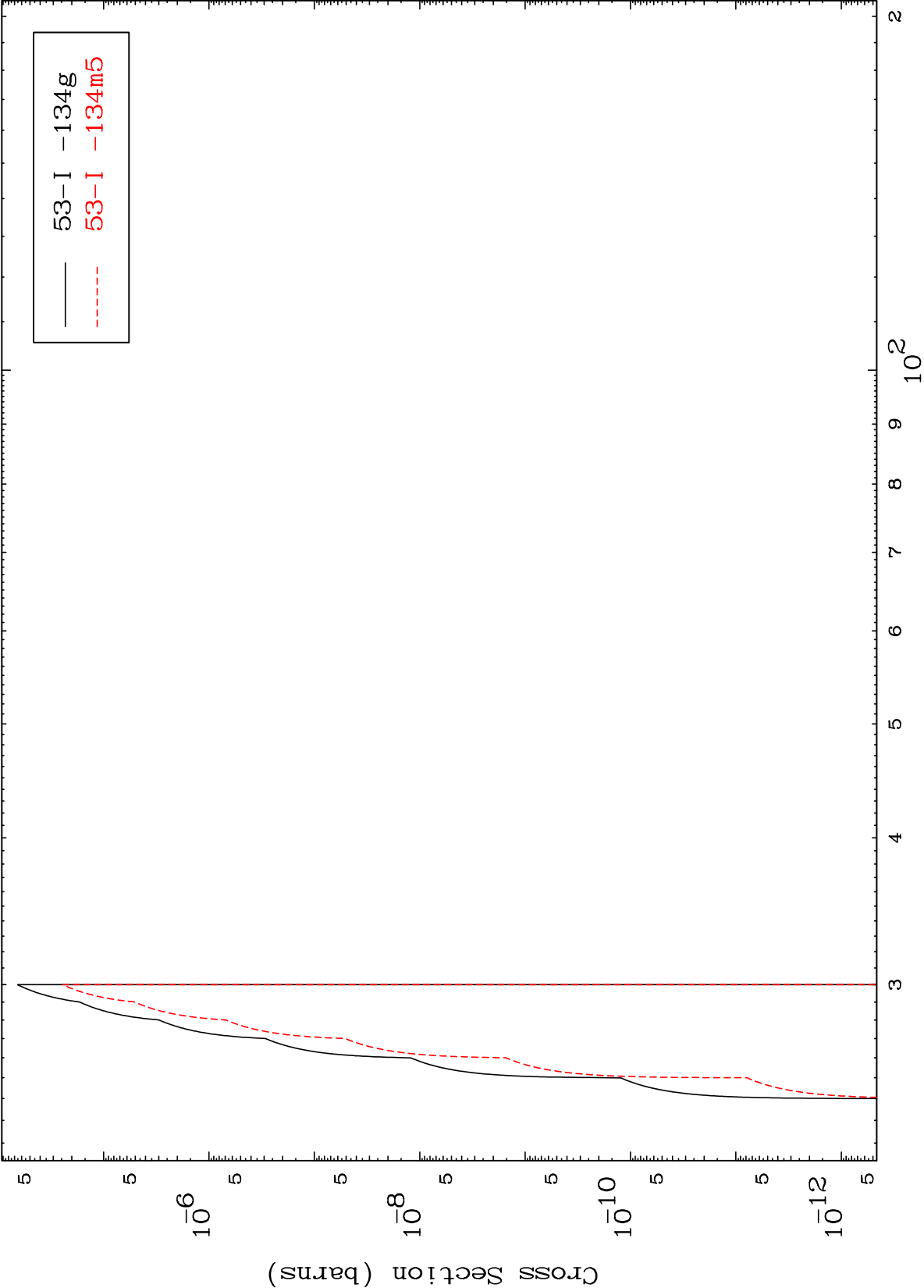
134







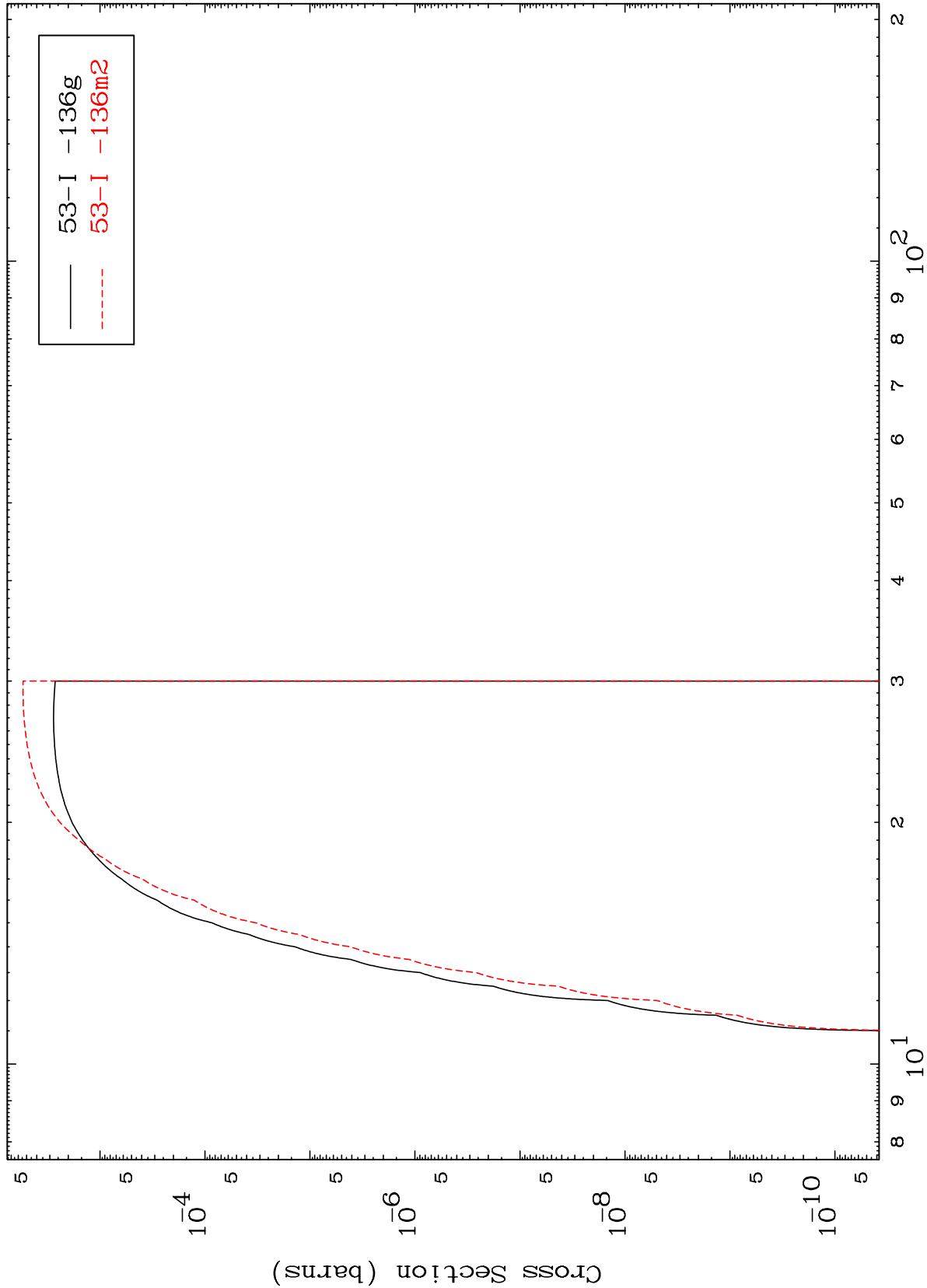
Radionuclide Production Cross Section



MAT 5464

54-Xe-137

(n,d)
Radionuclide Production Cross Section



139

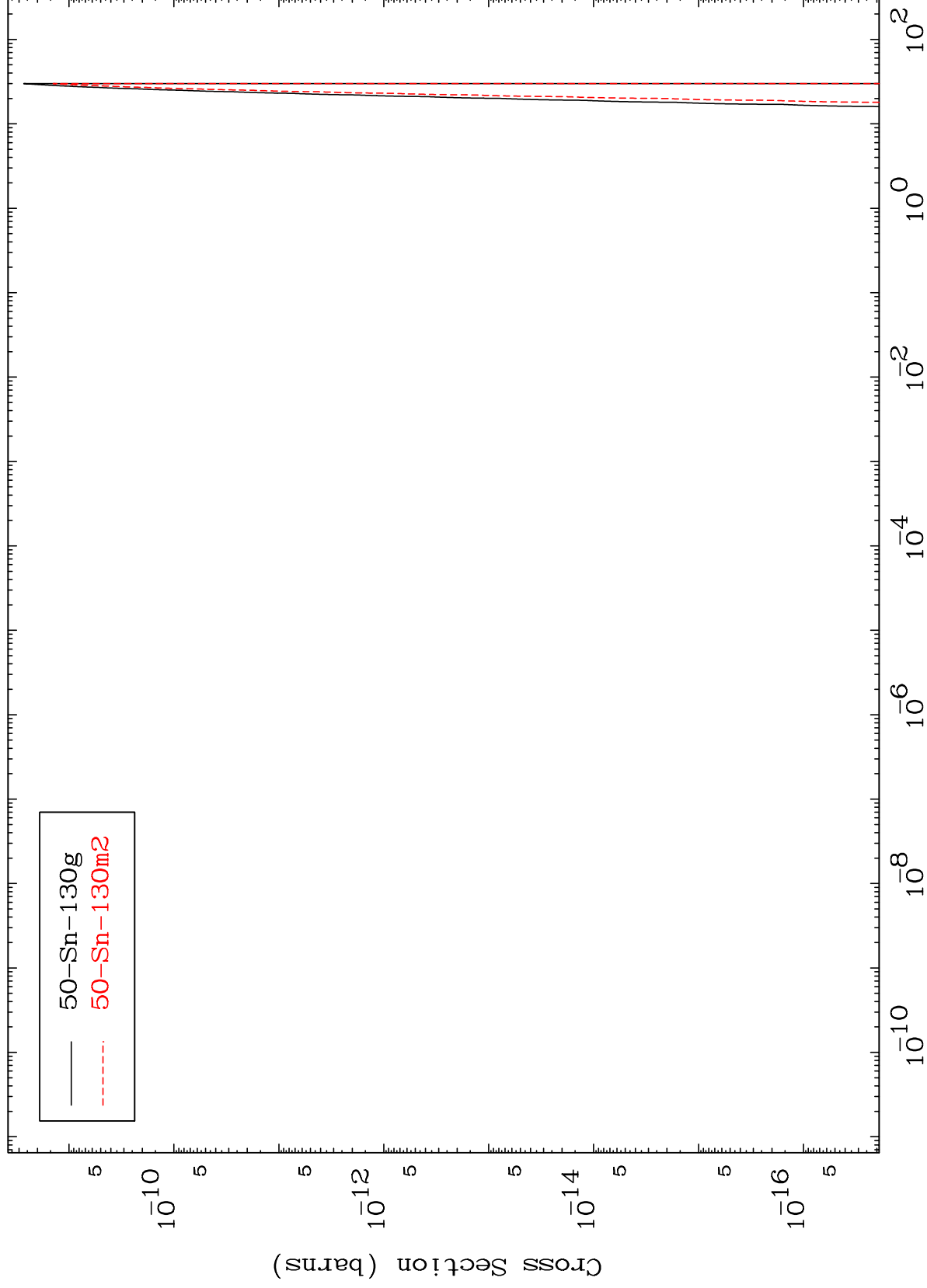
Incident Energy (MeV)

54-Xe-137

MAT 5464

54-Xe-137

Radionuclide Production Cross Section



54-Xe-137

Incident Energy (MeV)

140