

Program EVALPLOT  
(Version 2021-1)

by

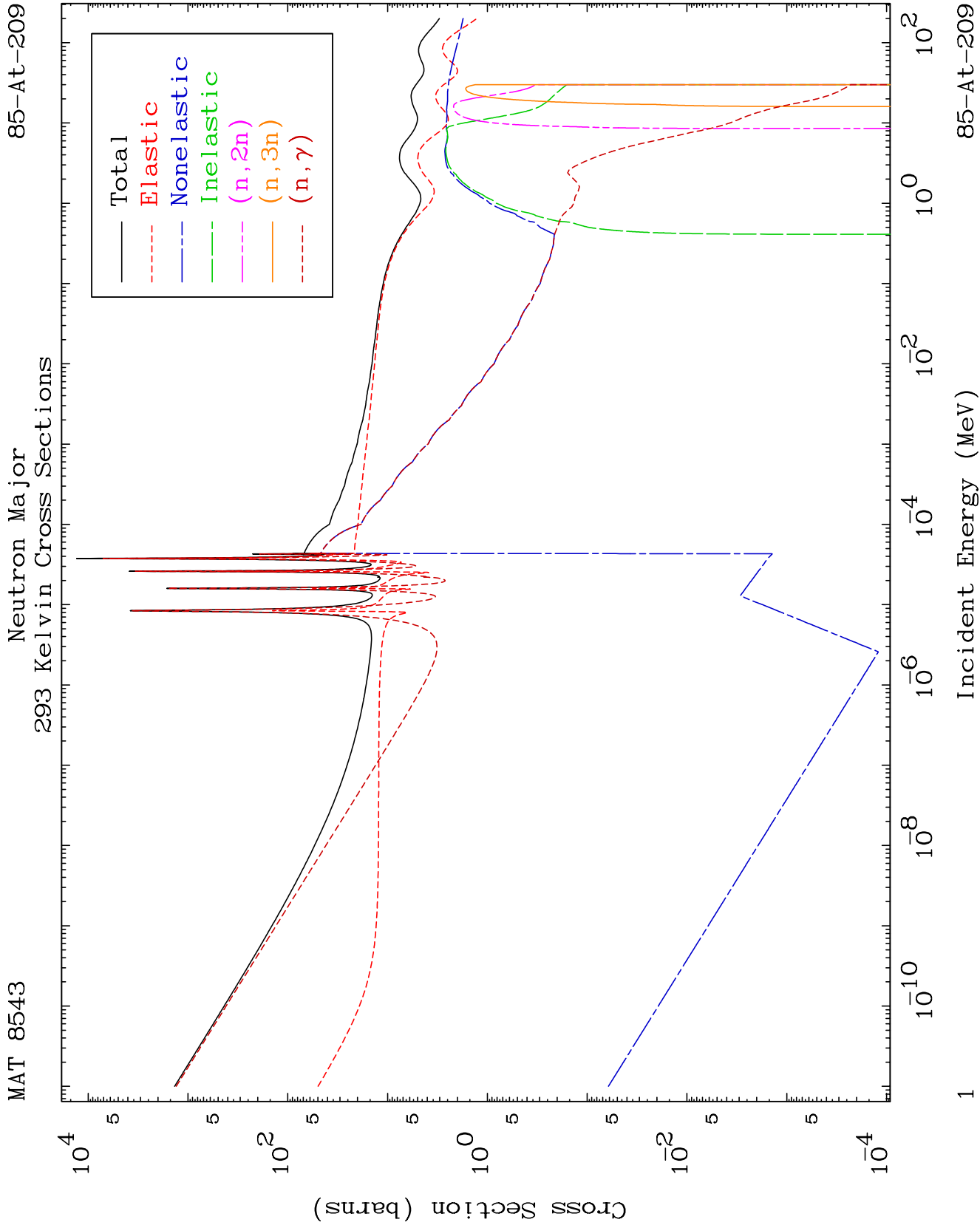
Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

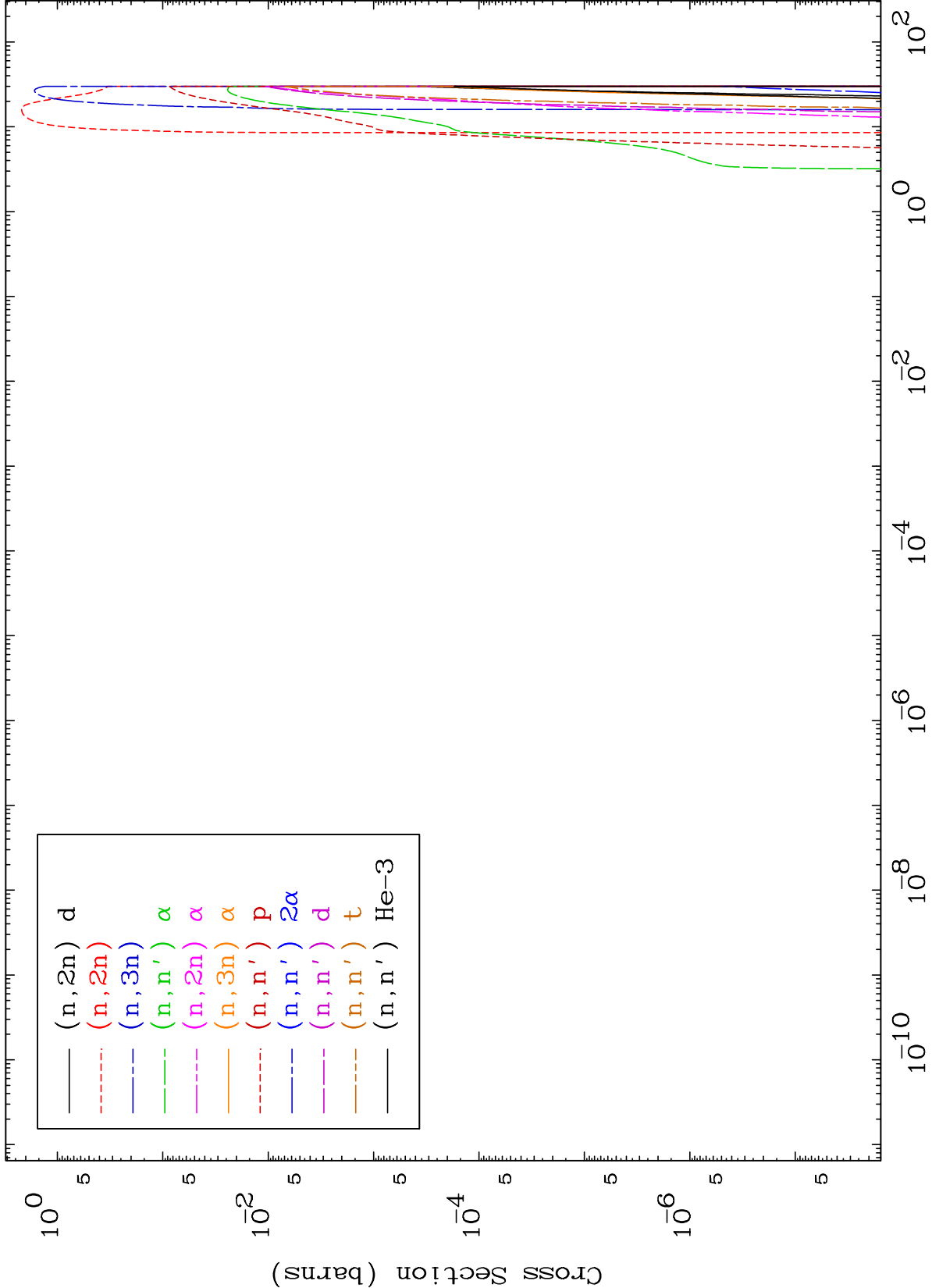
Press Mouse Button to Start

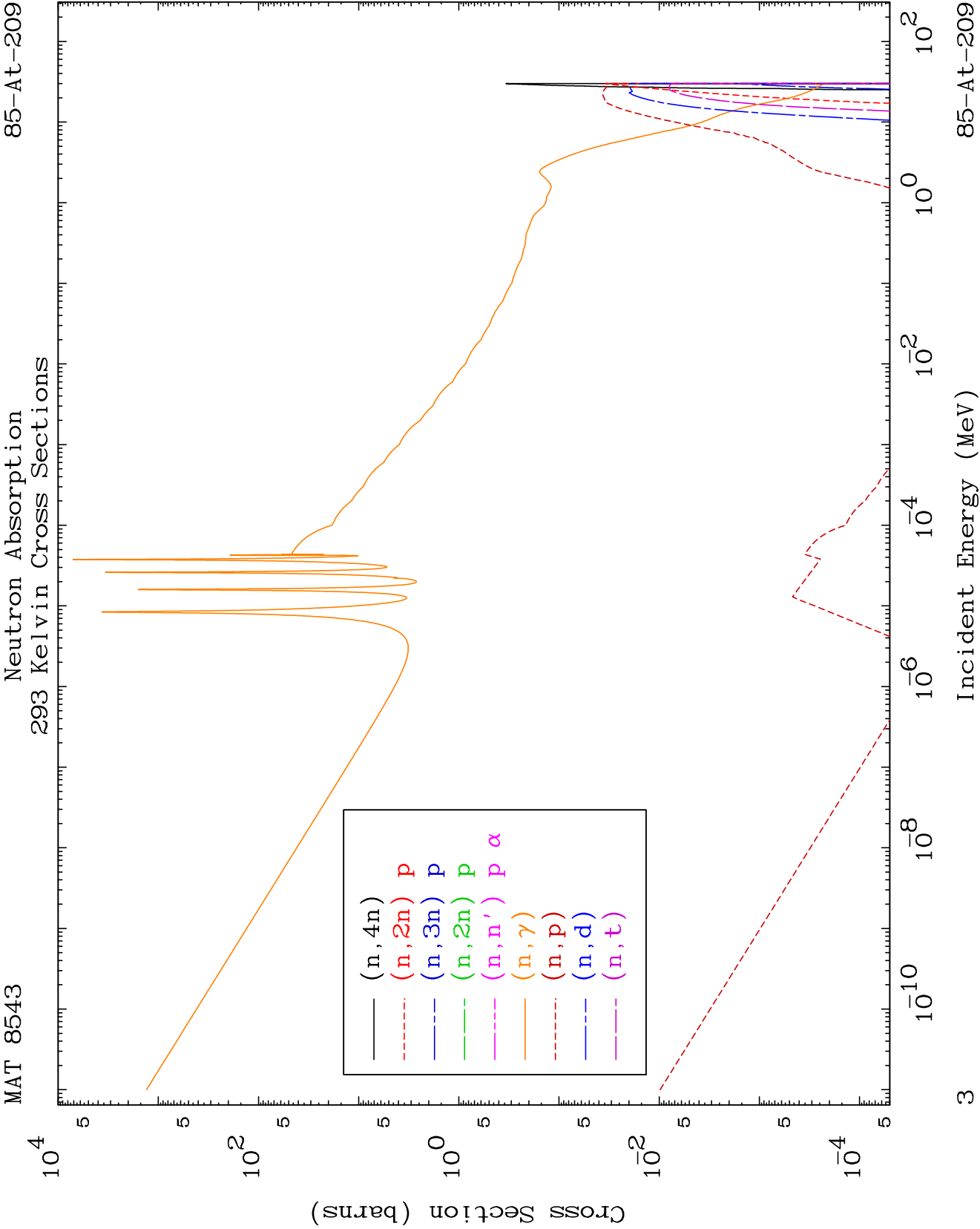


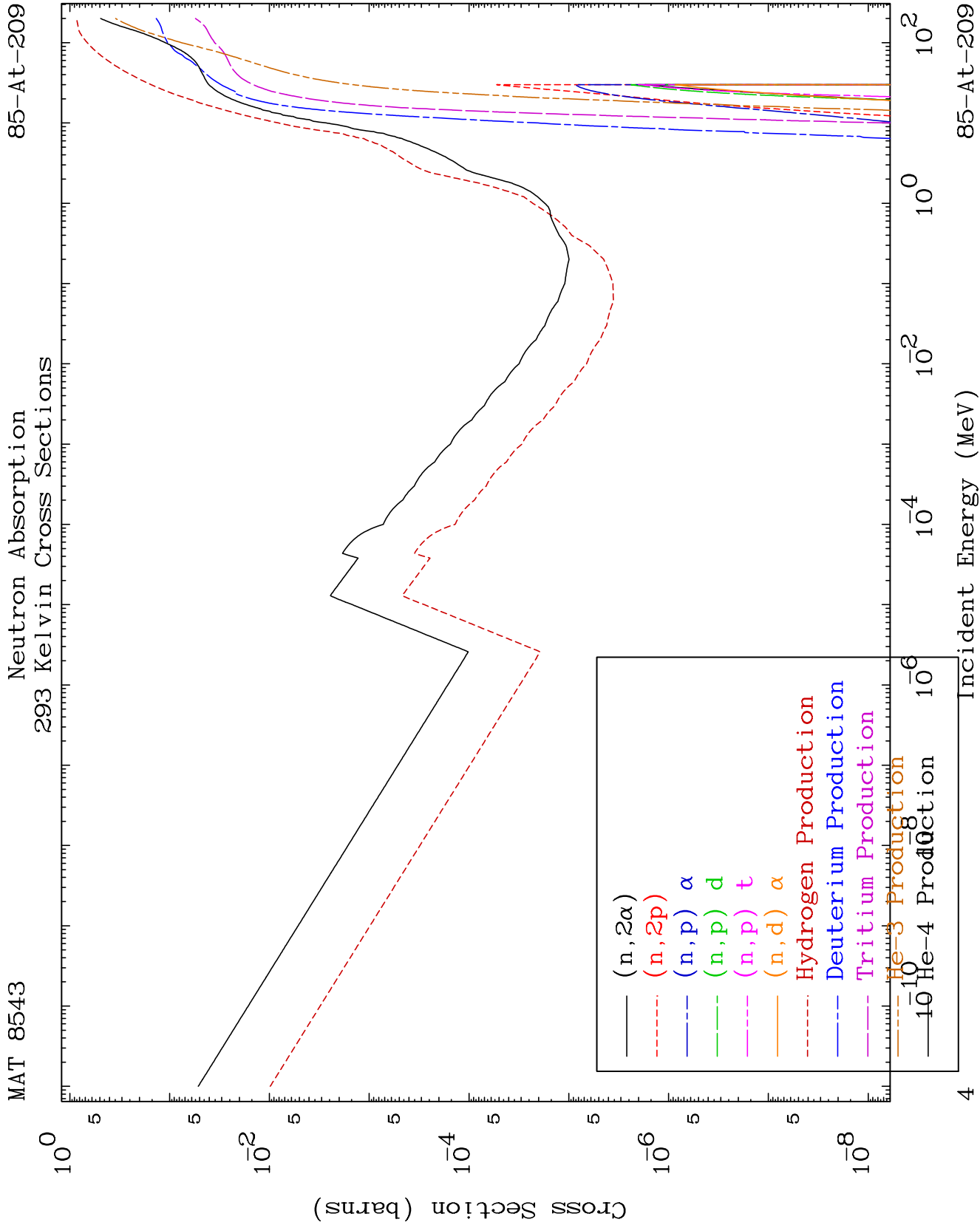
MAT 8543

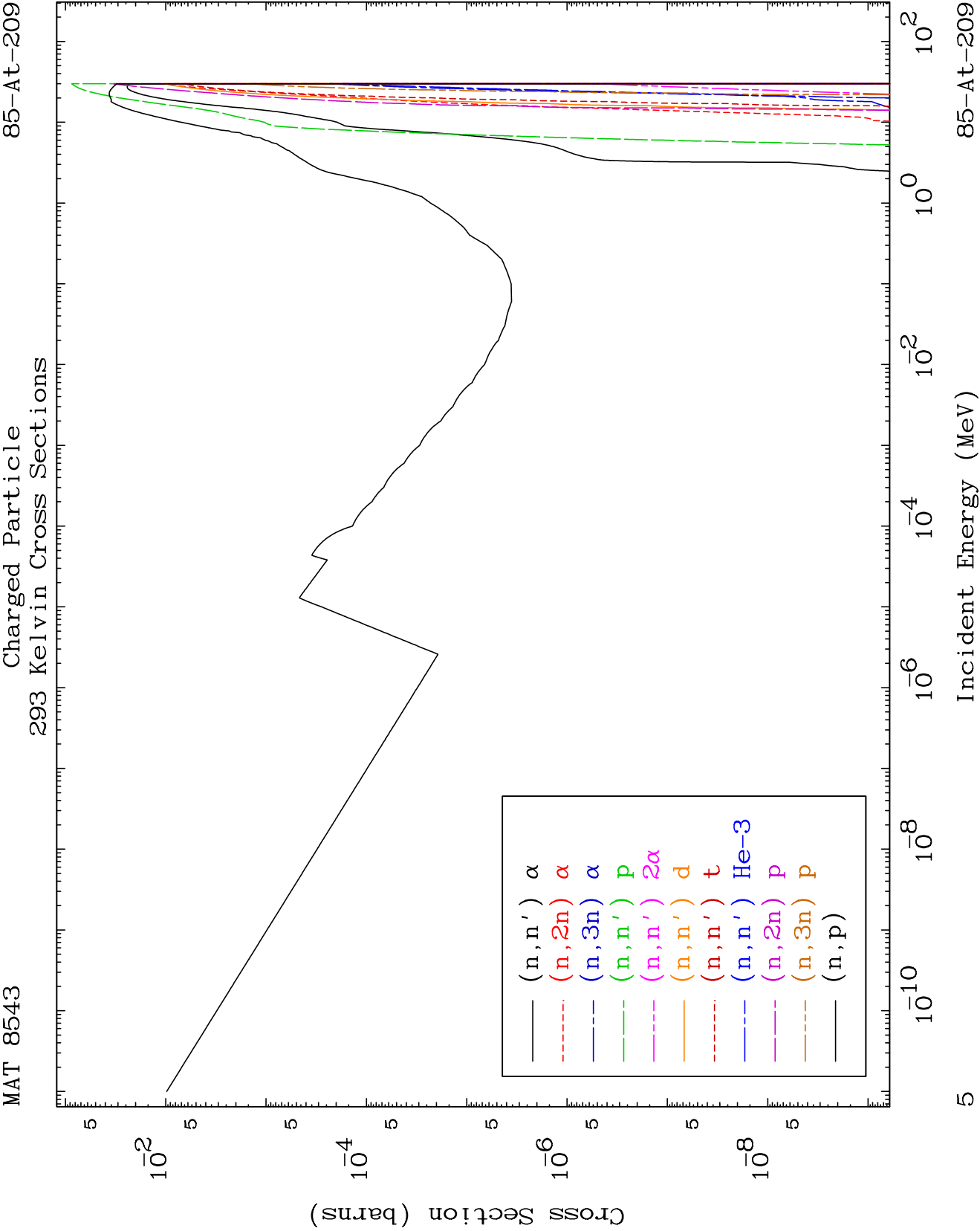
Neutron Absorption  
293 Kelvin Cross Sections

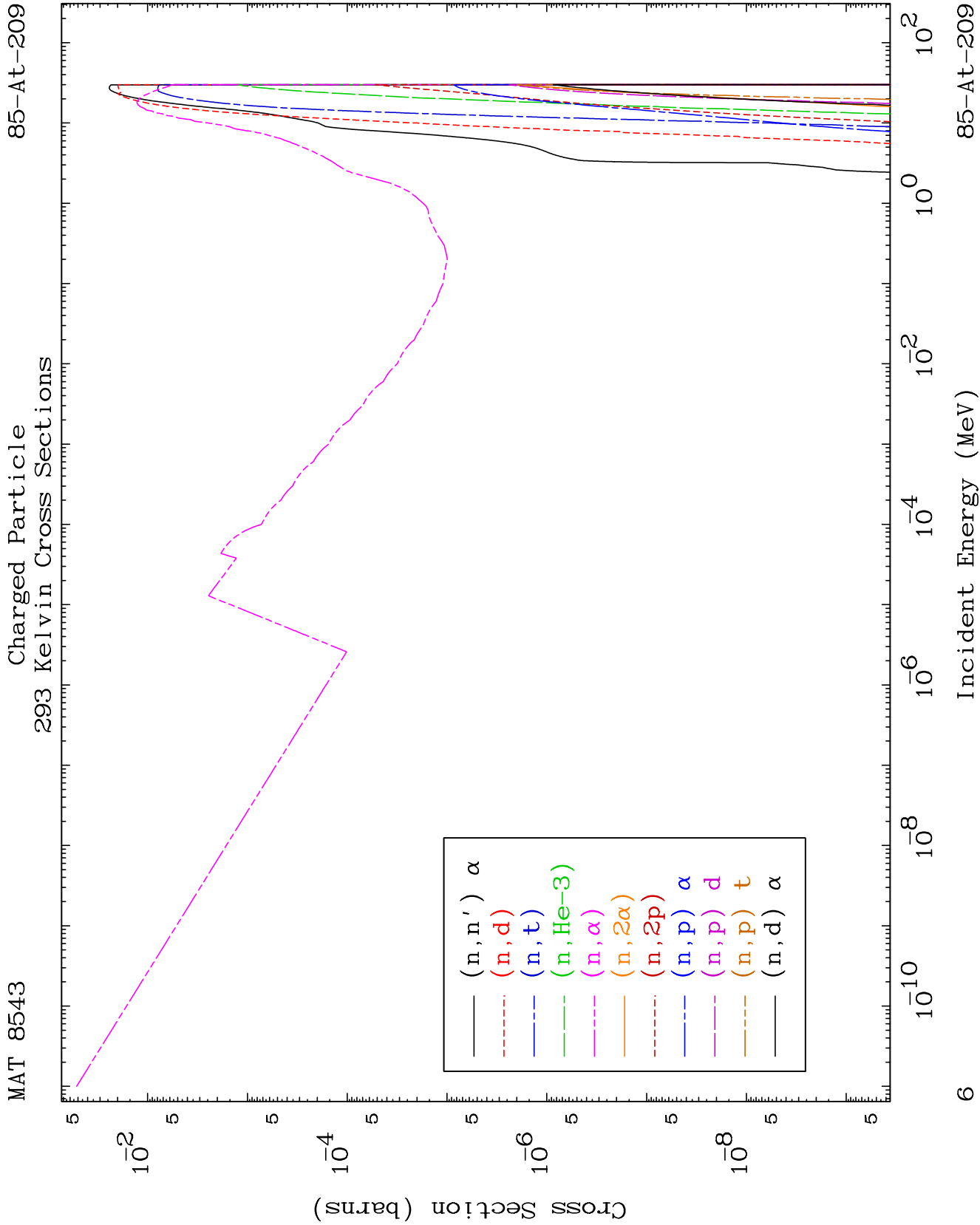
85-At-209

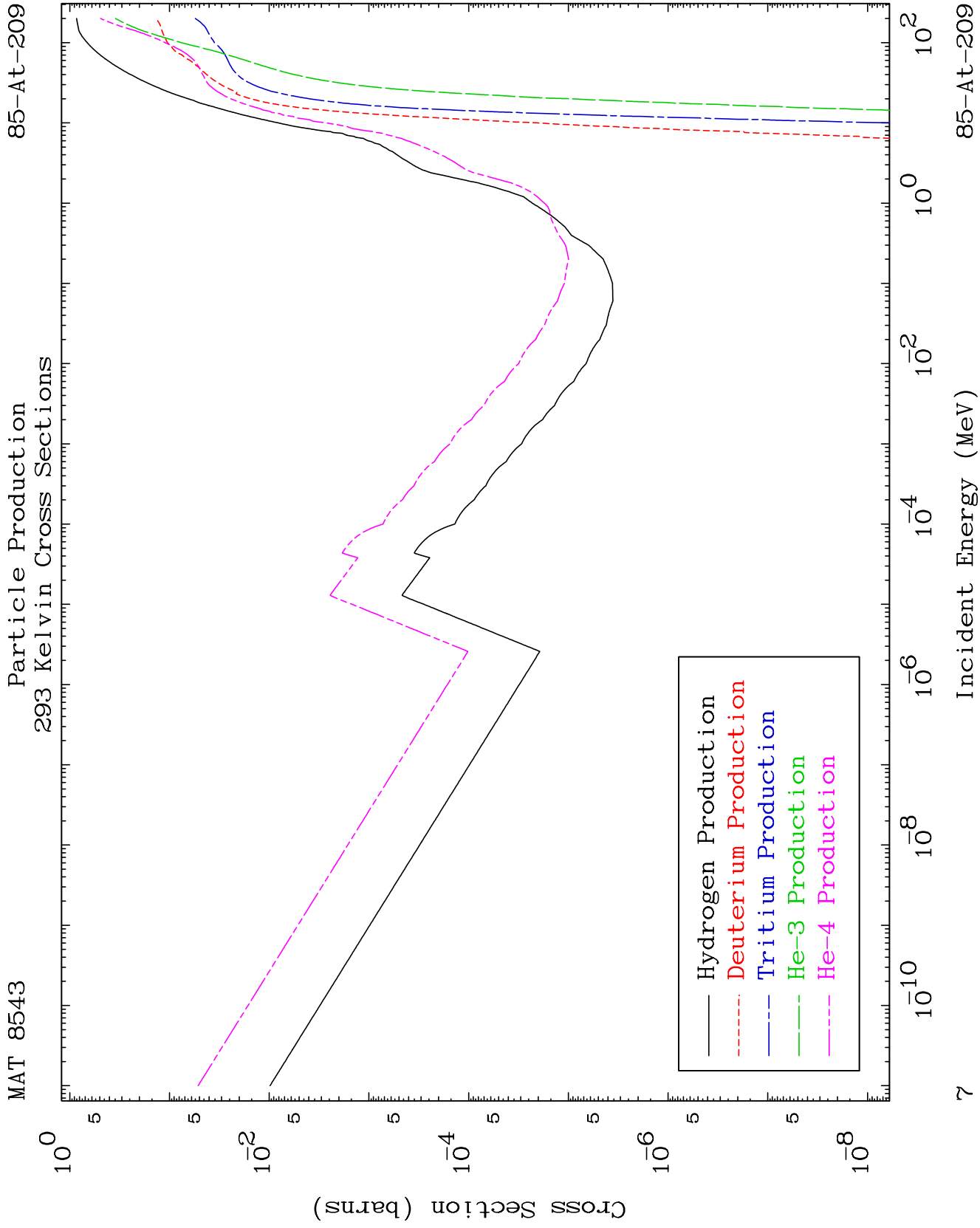


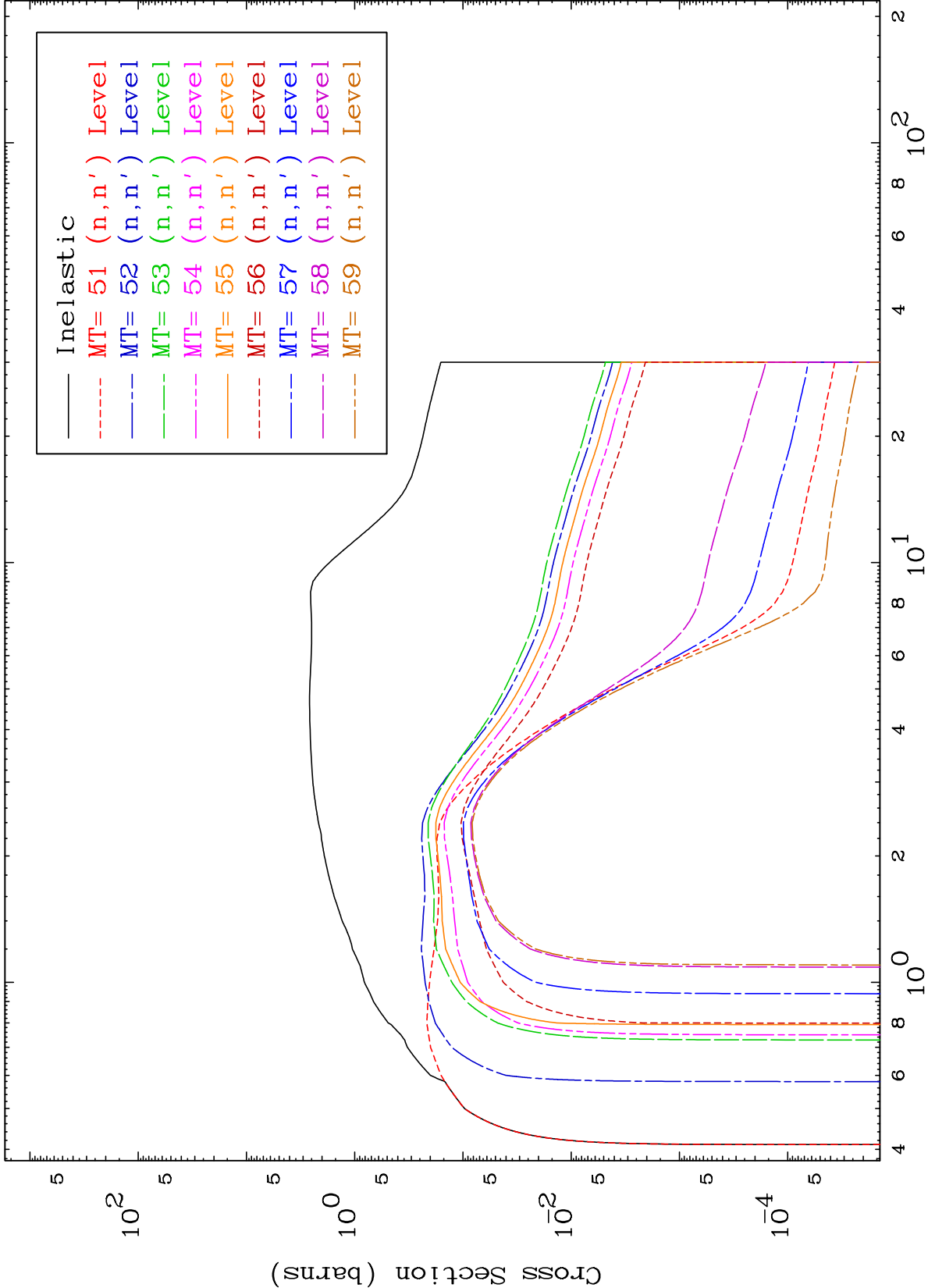


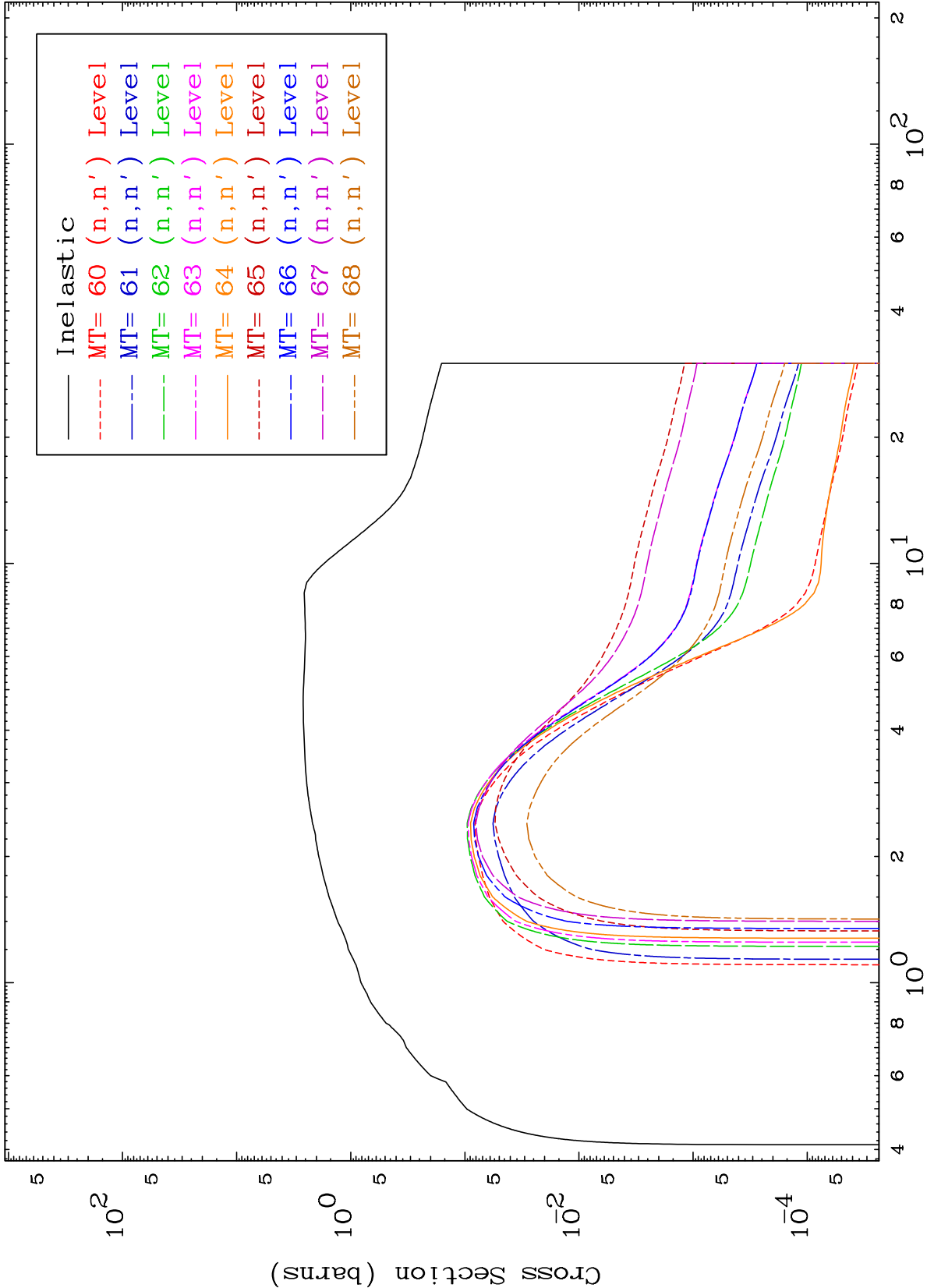










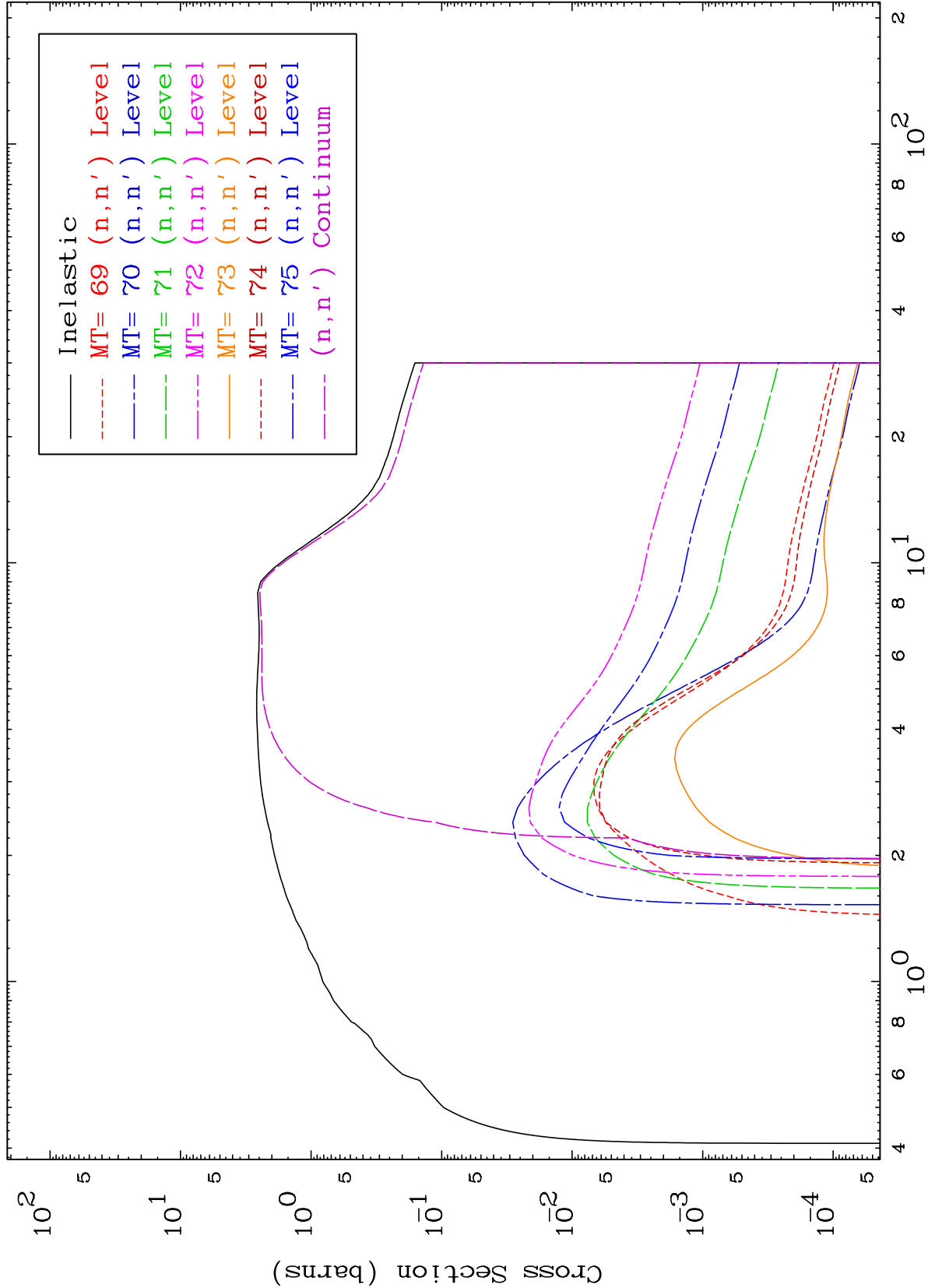


MAT 8543

(n,n') Levels

293 Kelvin Cross Sections

85-At-209



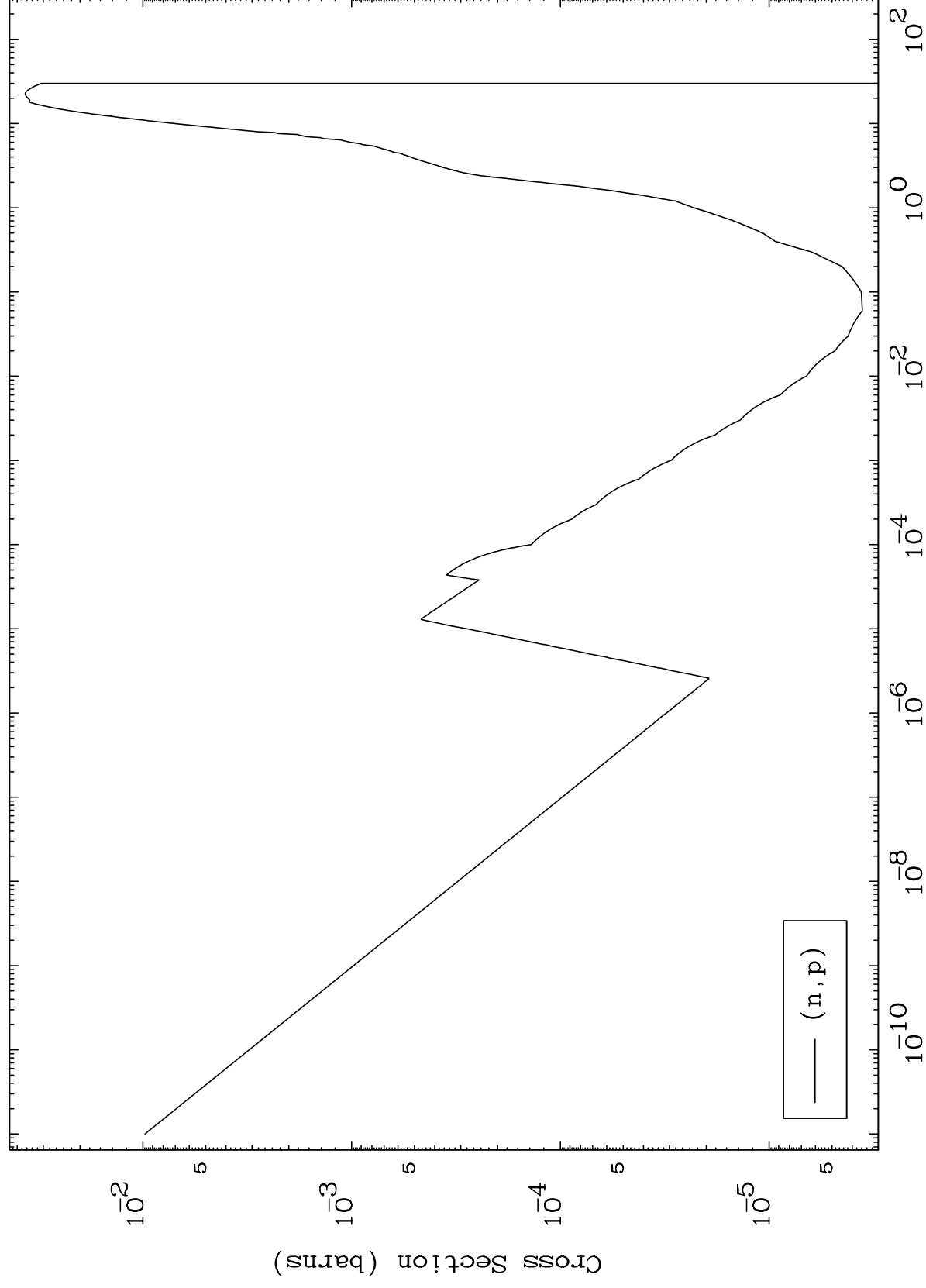
Incident Energy (MeV)

85-At-209

MAT 8543

(n,p) Levels  
293 Kelvin Cross Sections

85-At-209

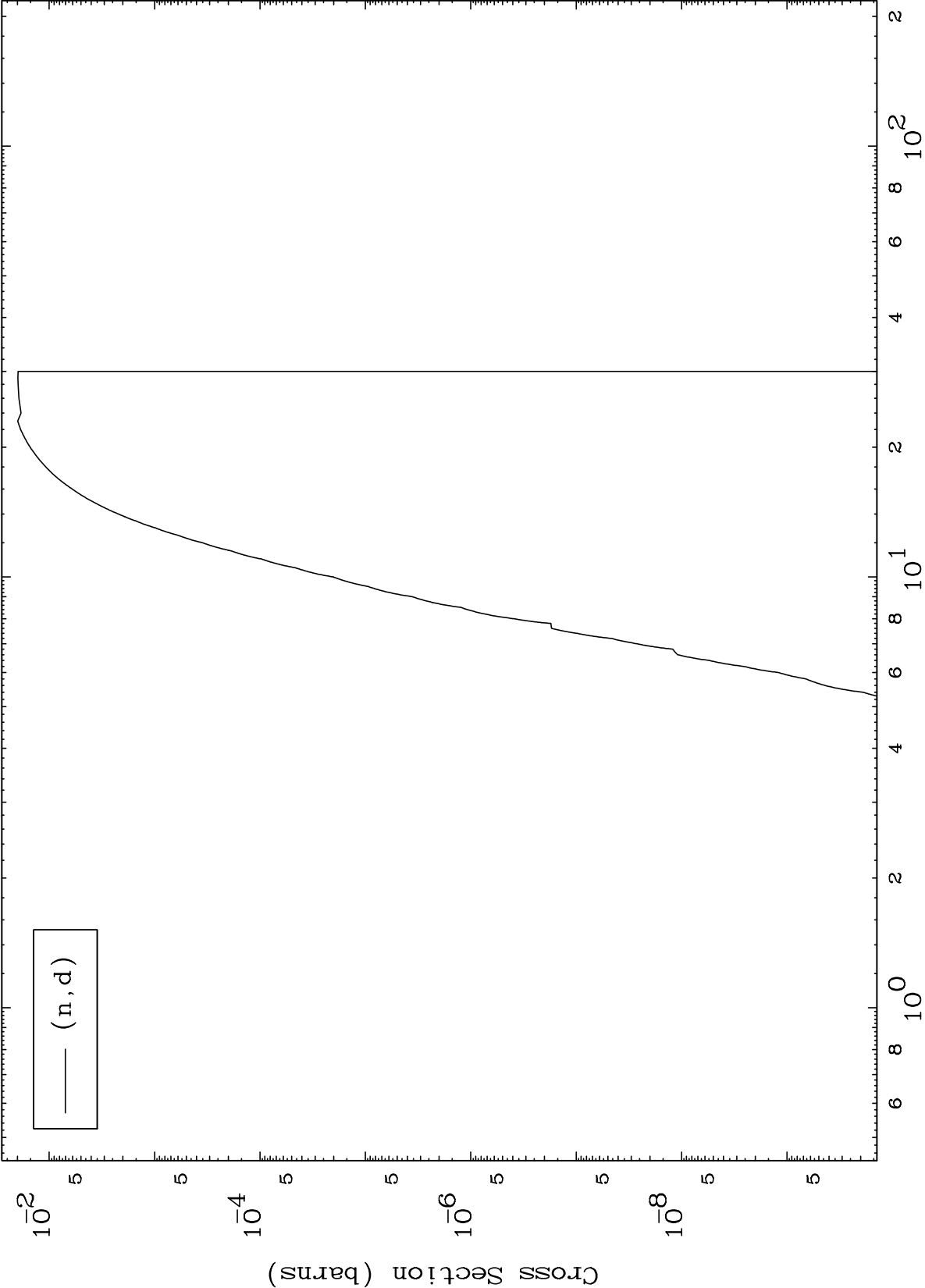


MAT 8543

(n,d) Levels

85-At-209

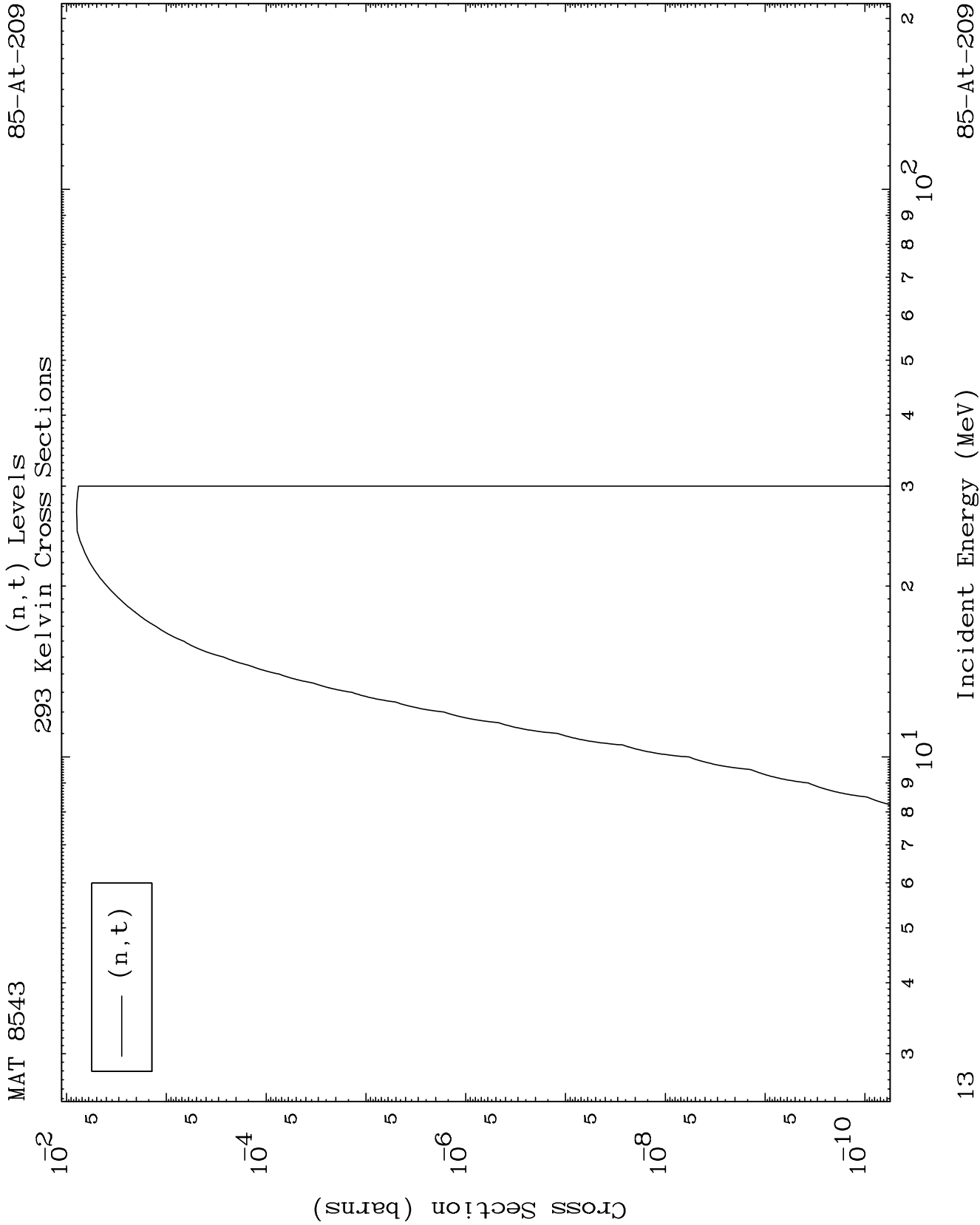
293 Kelvin Cross Sections



12

Incident Energy (MeV)

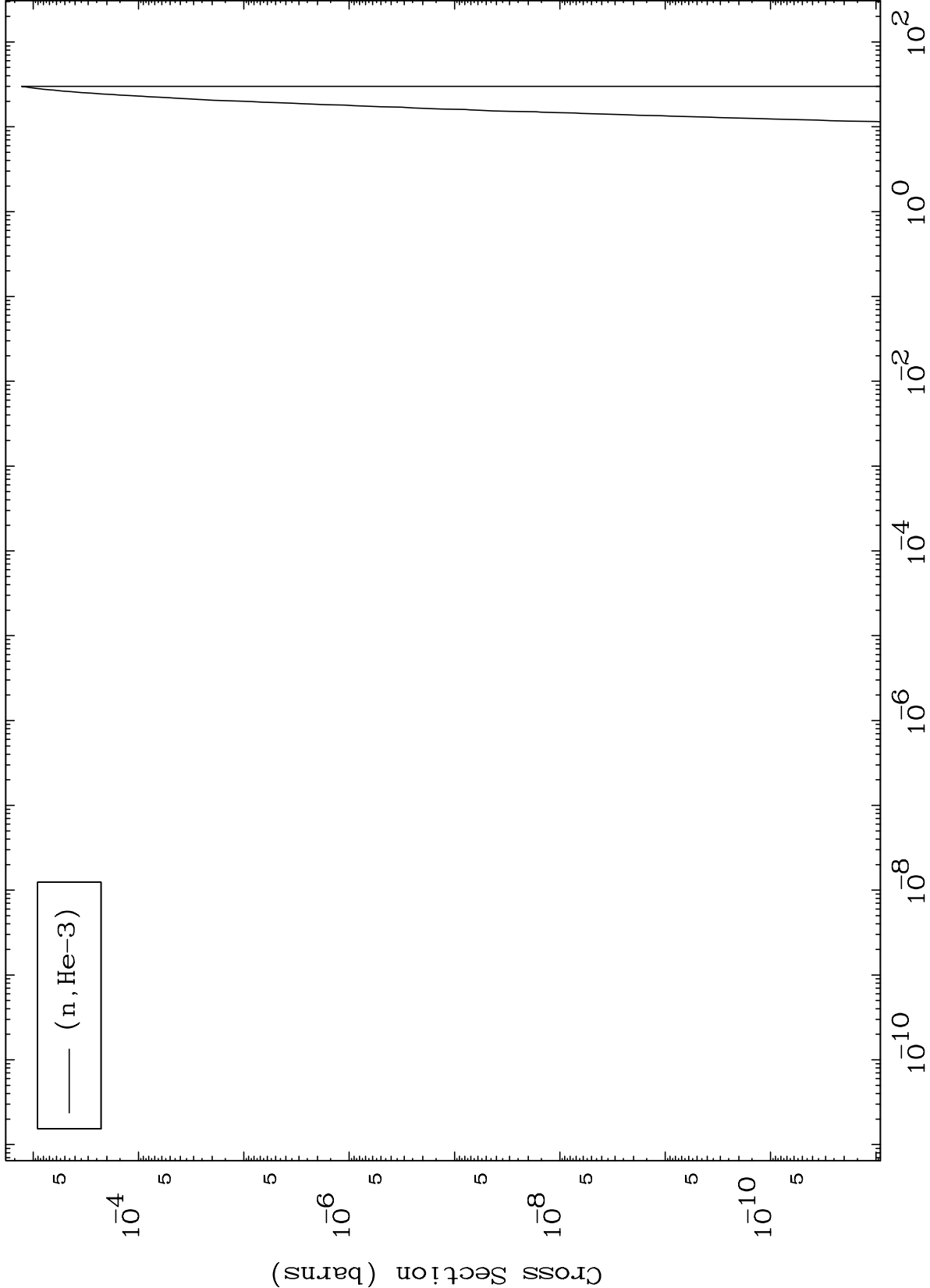
85-At-209

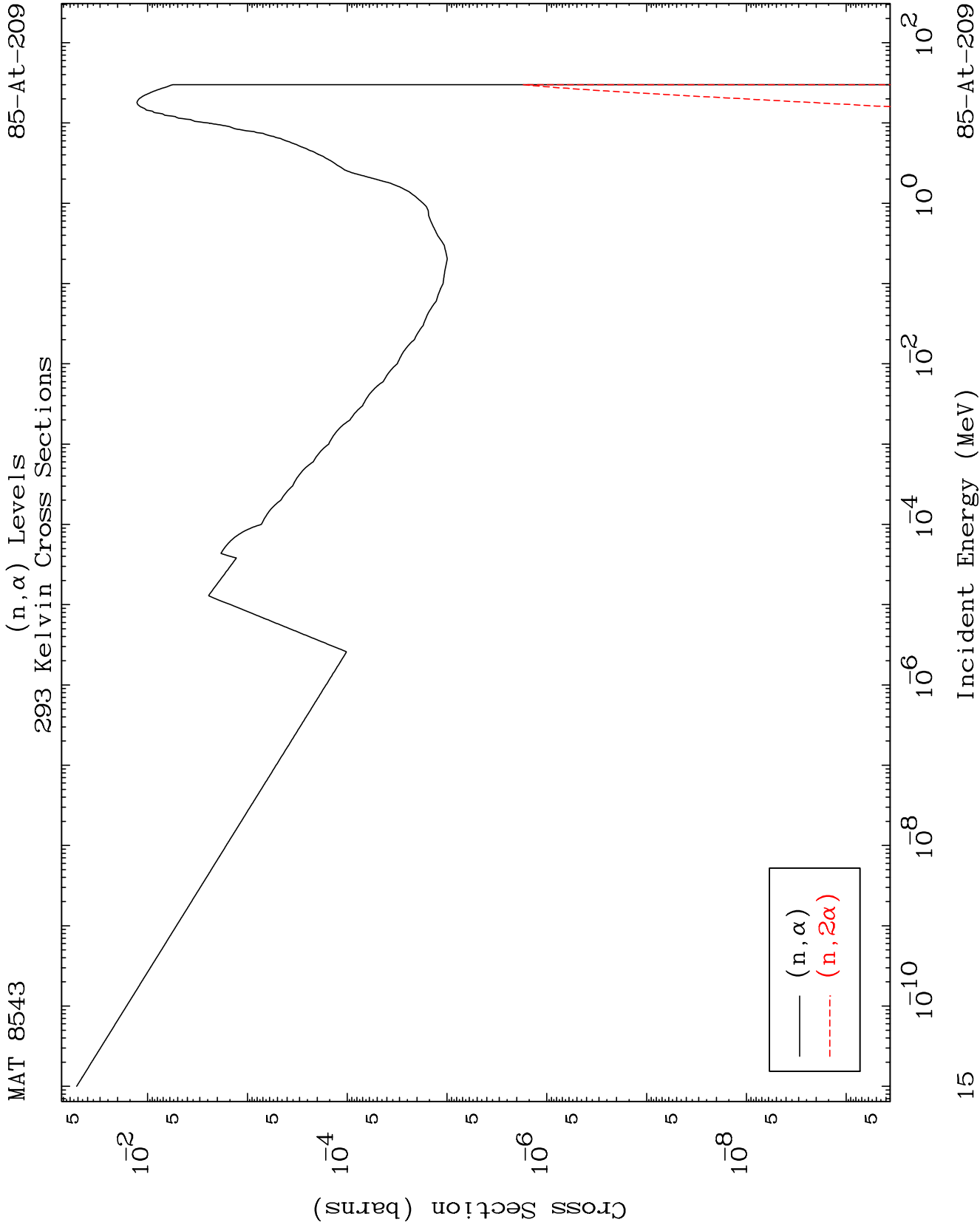


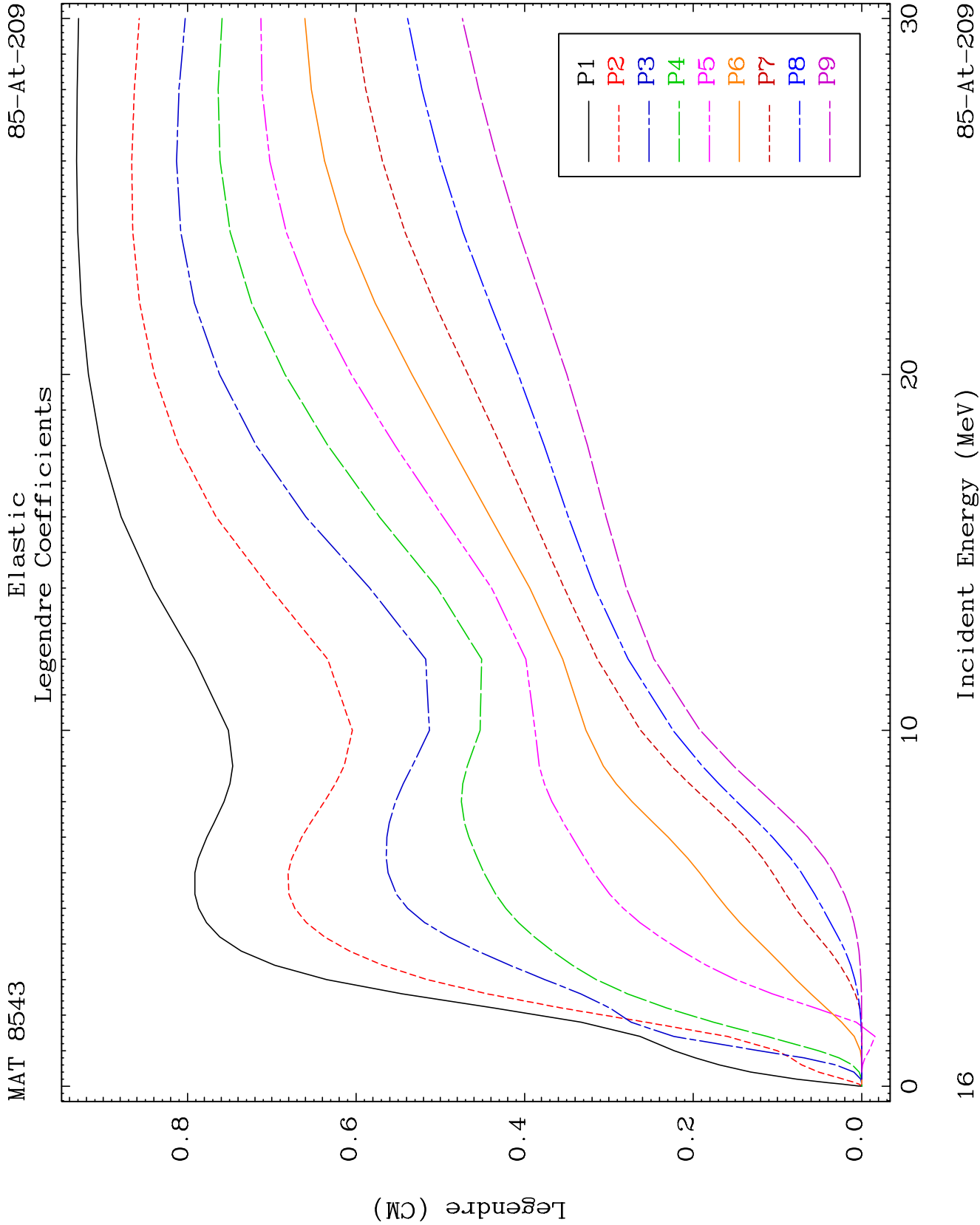
MAT 8543

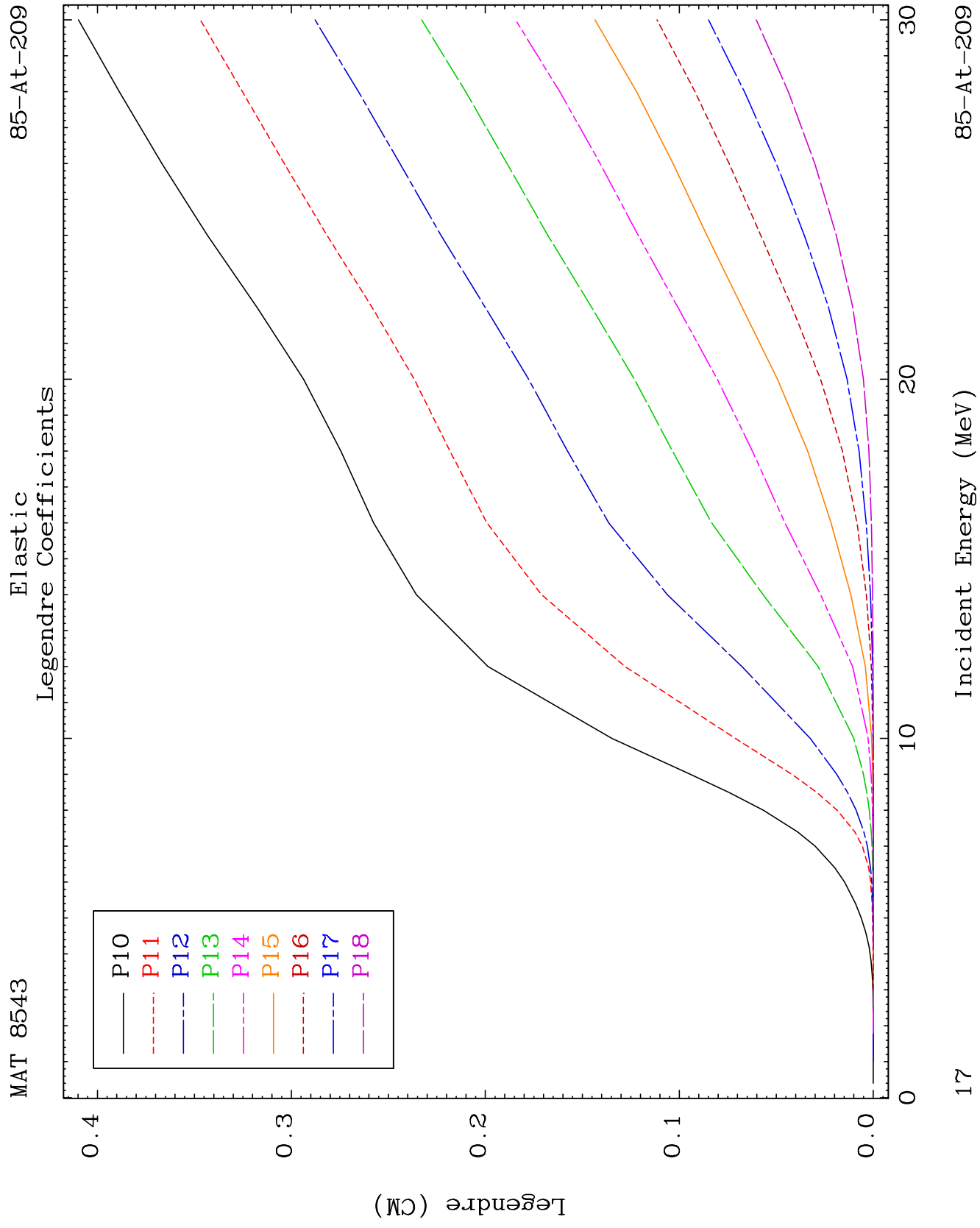
(n,He3) Levels  
293 Kelvin Cross Sections

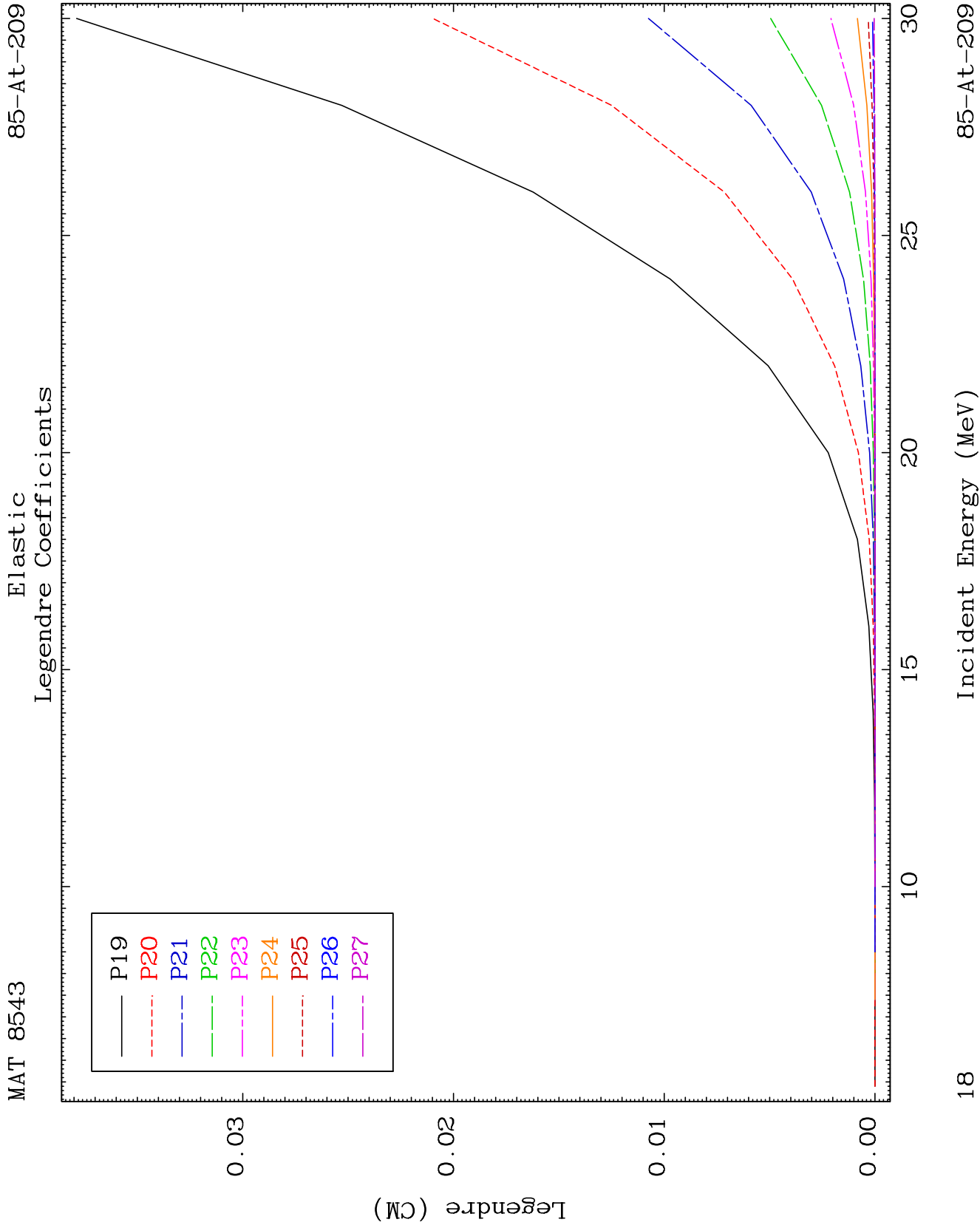
85-At-209

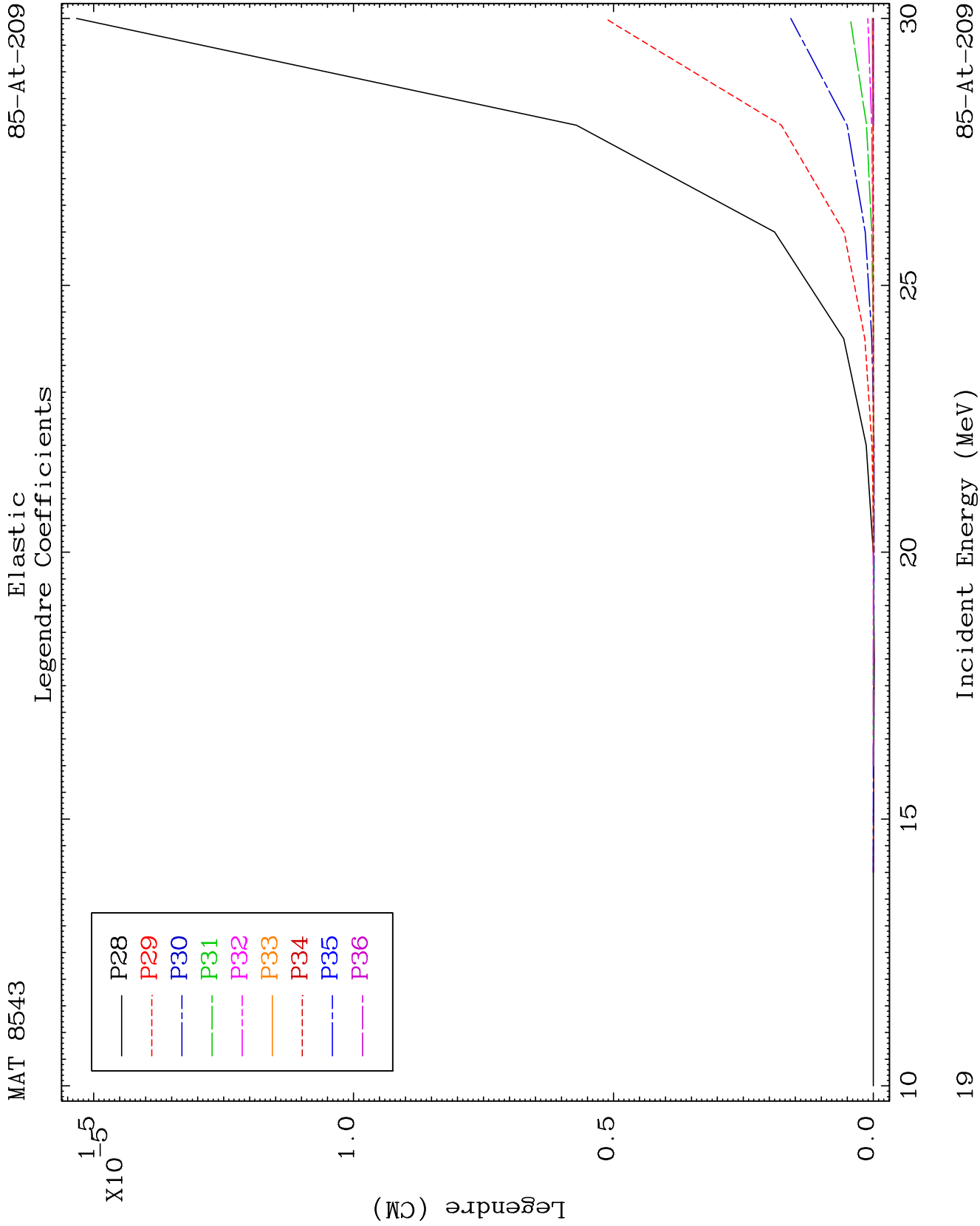


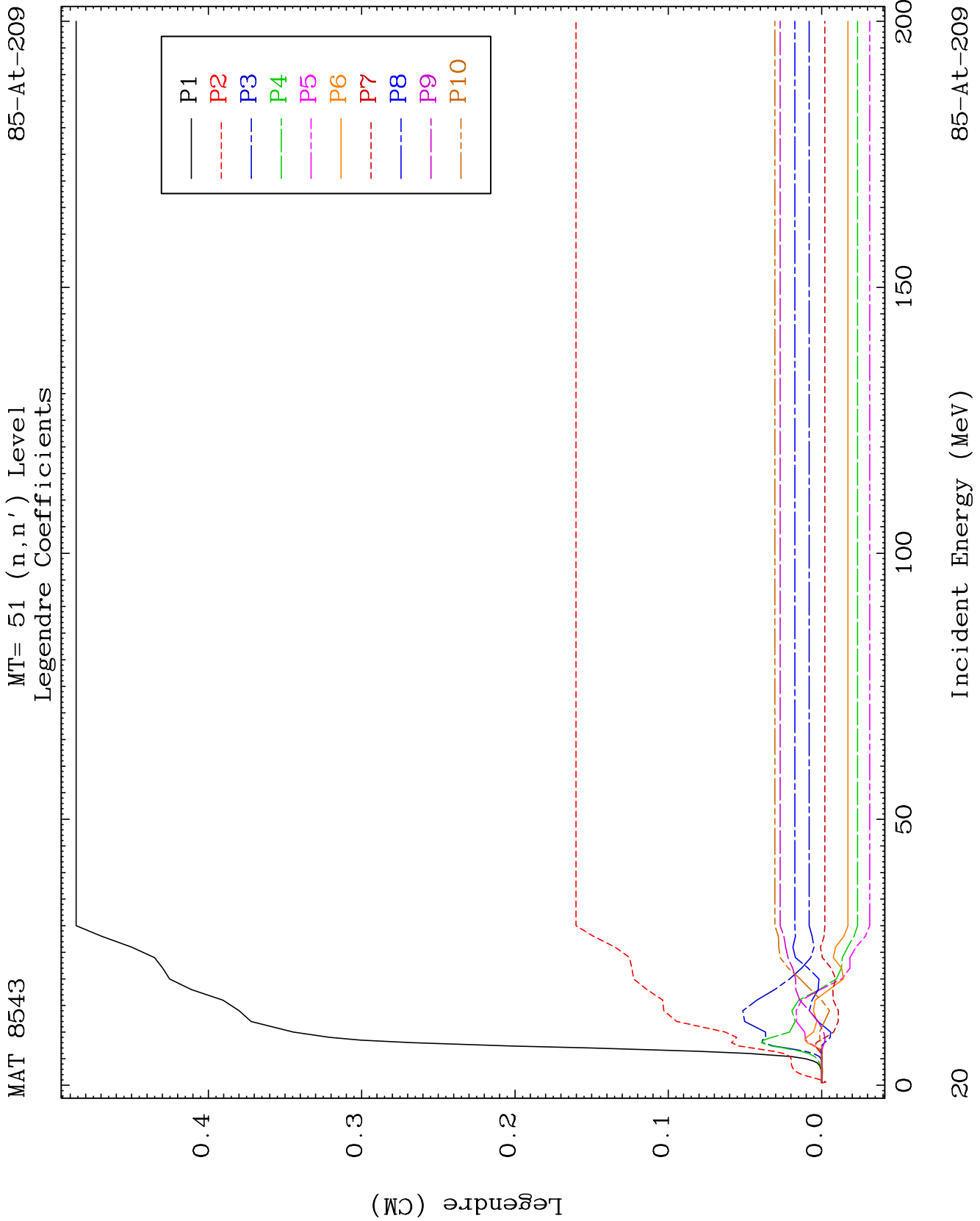








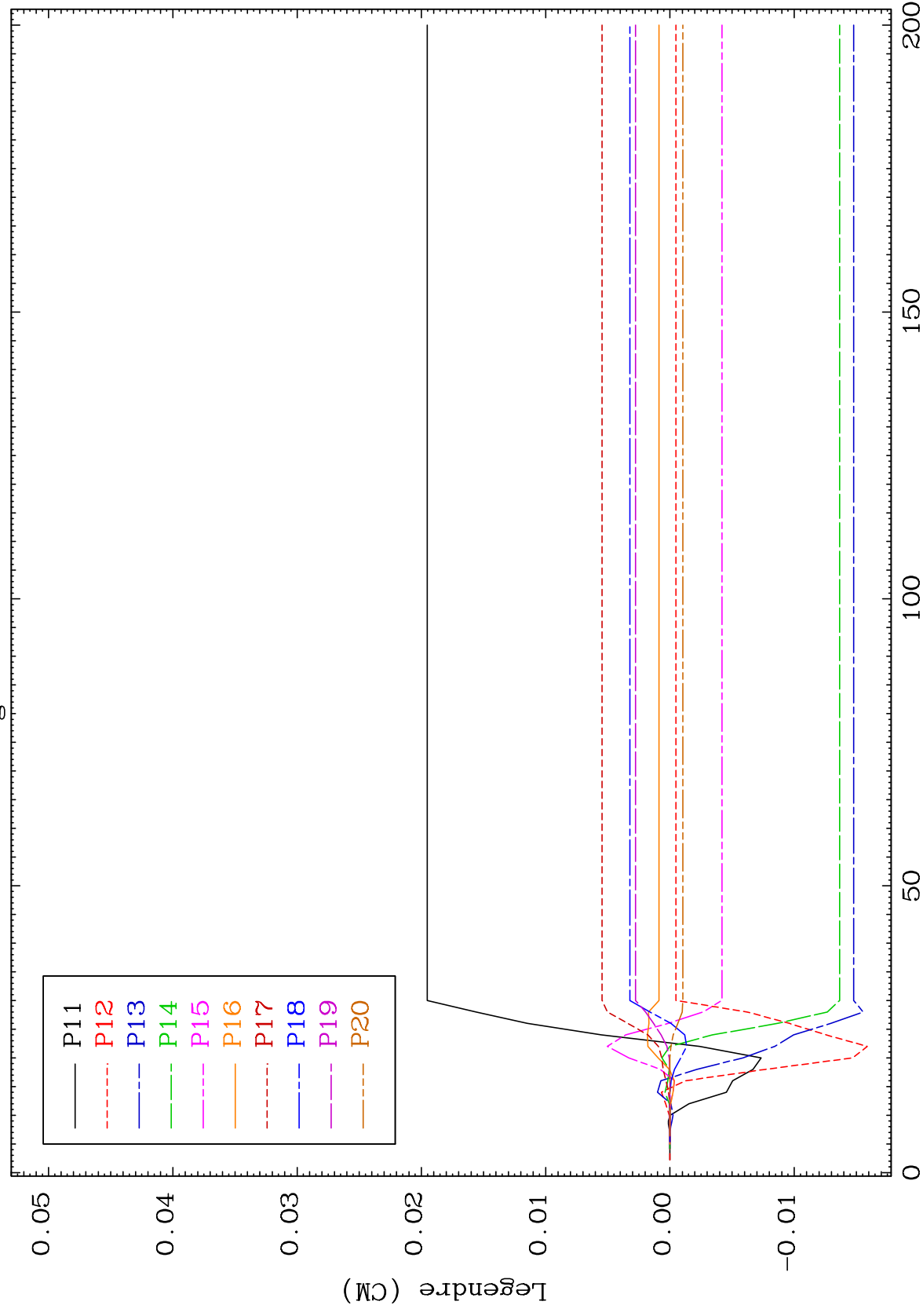




MAT 8543

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

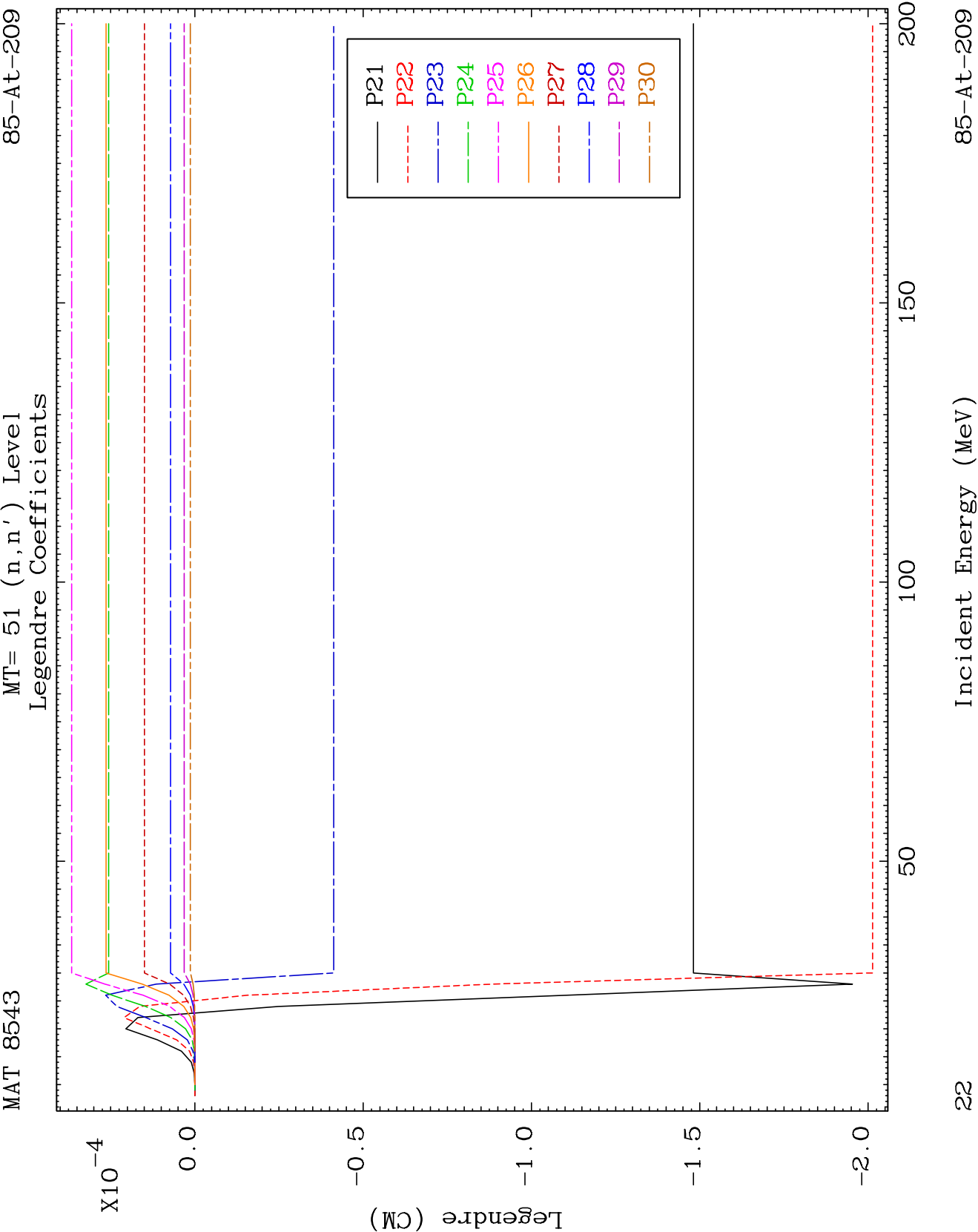
85-At-209

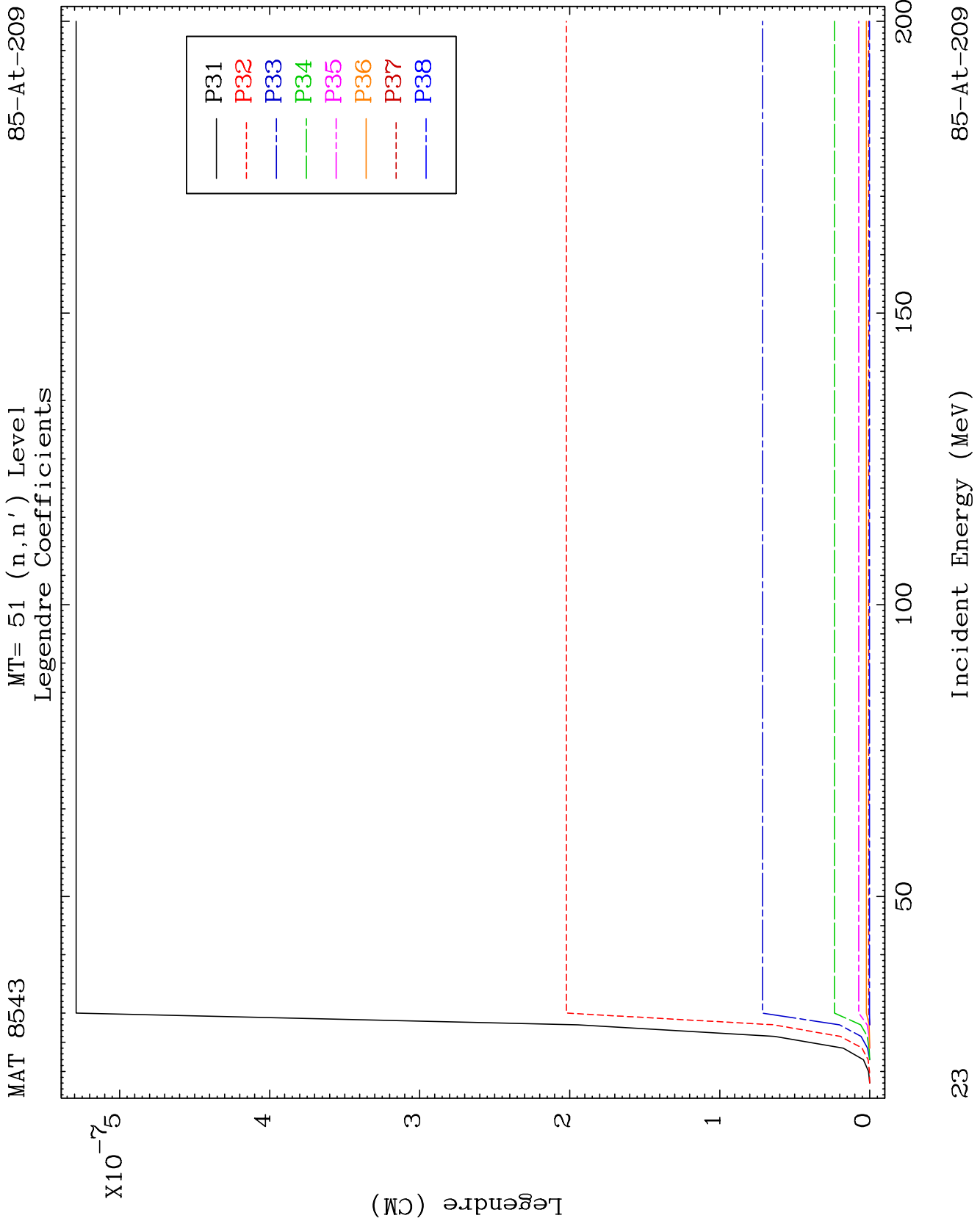


21

Incident Energy (MeV)

85-At-209

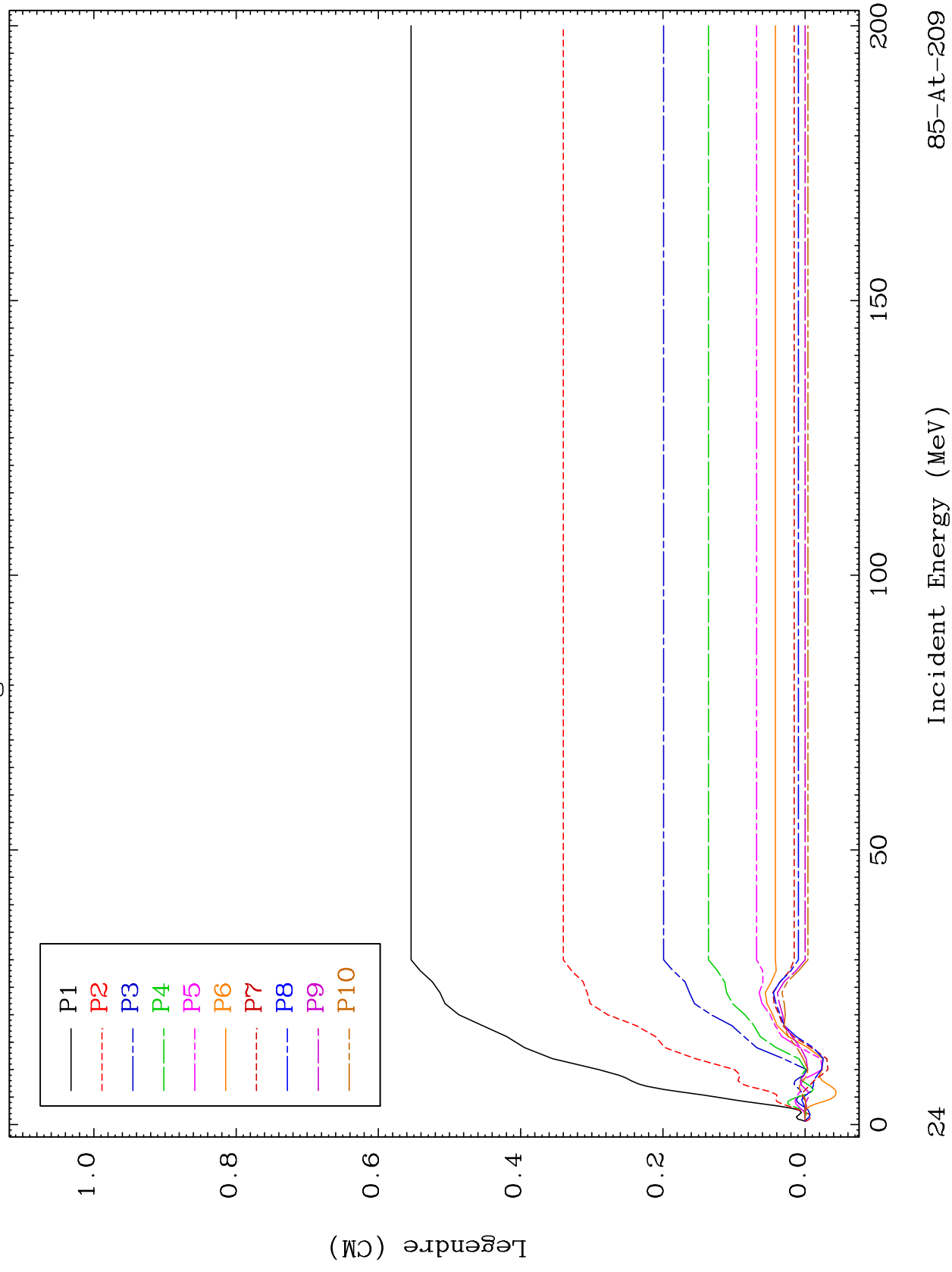


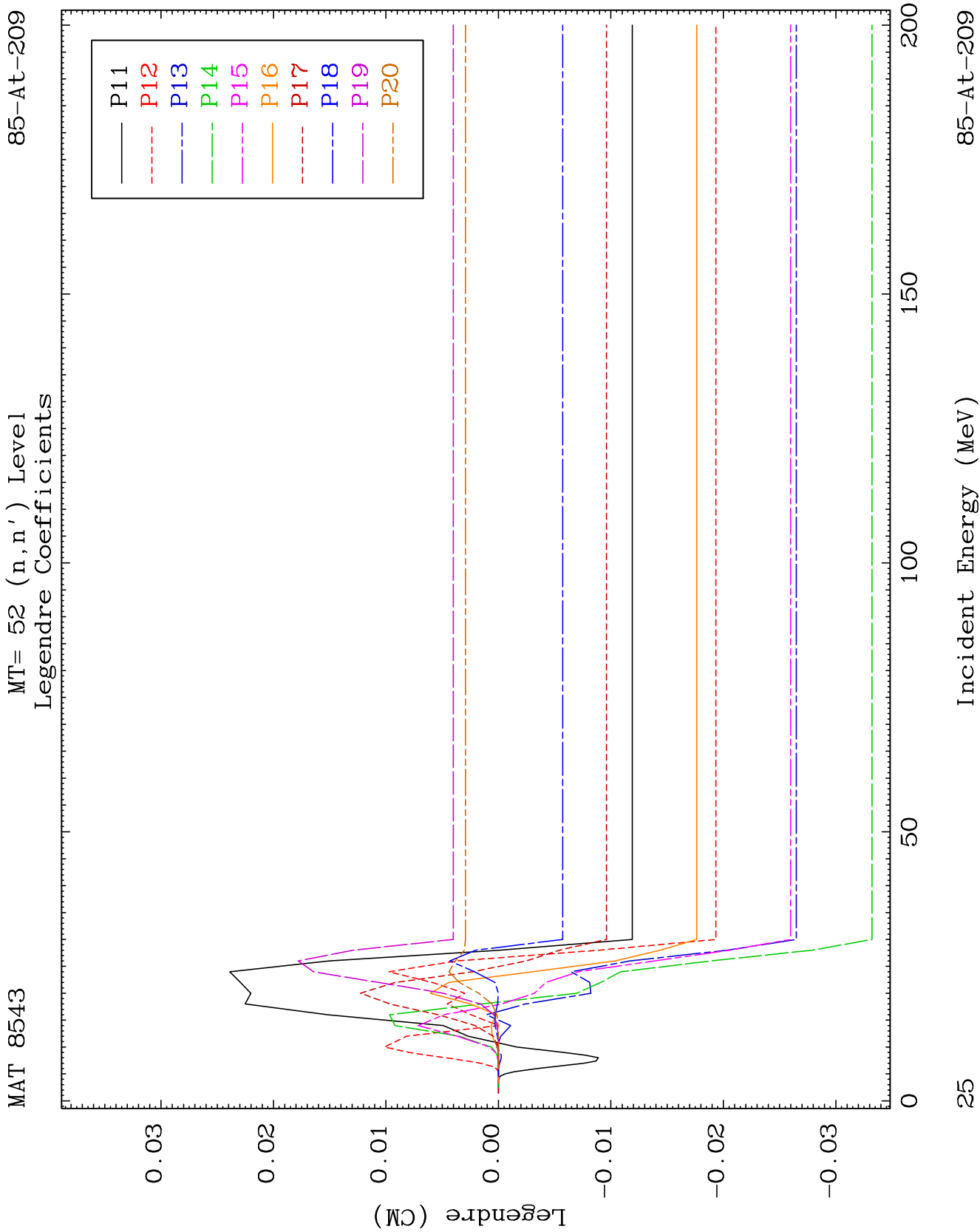


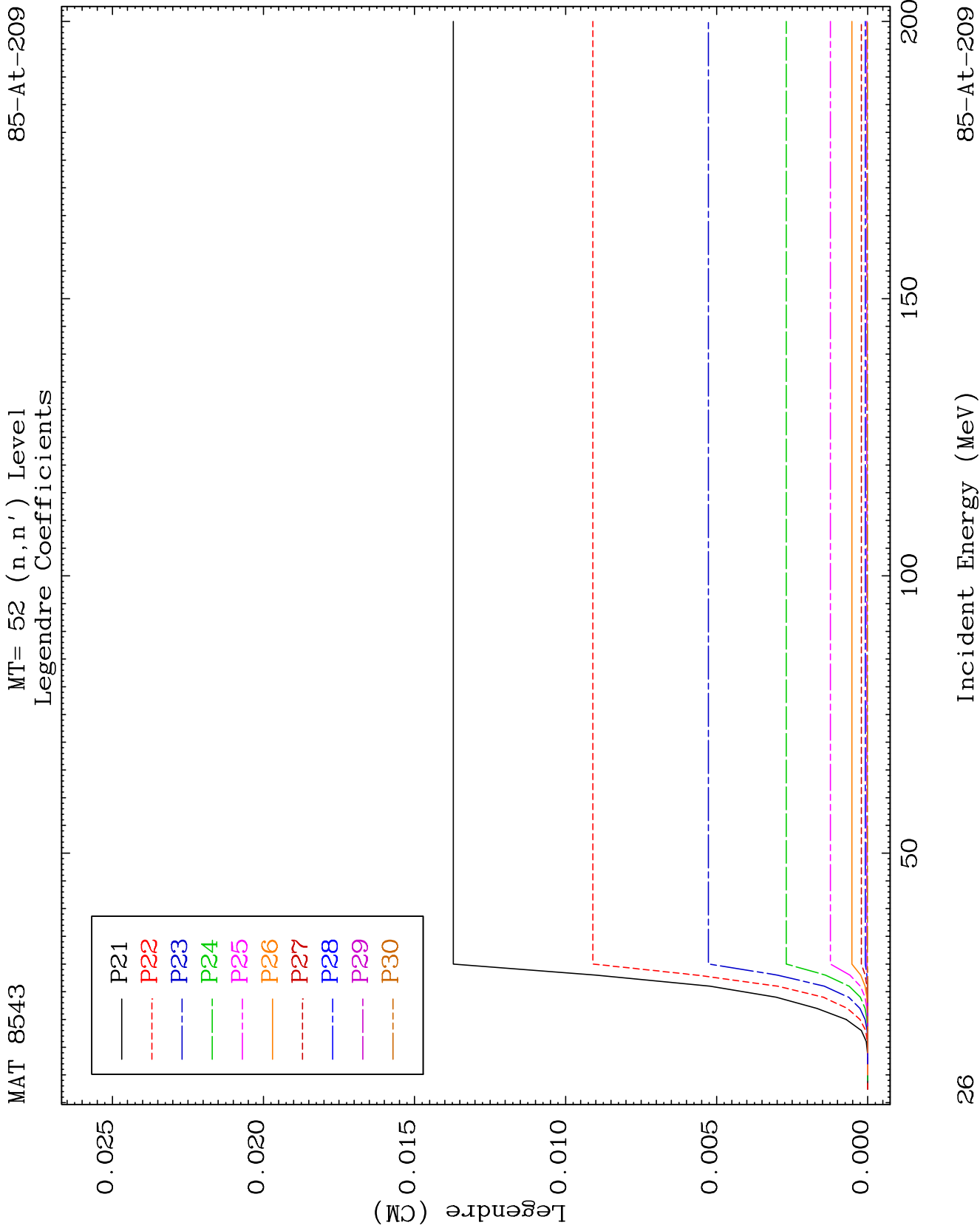
MAT 8543

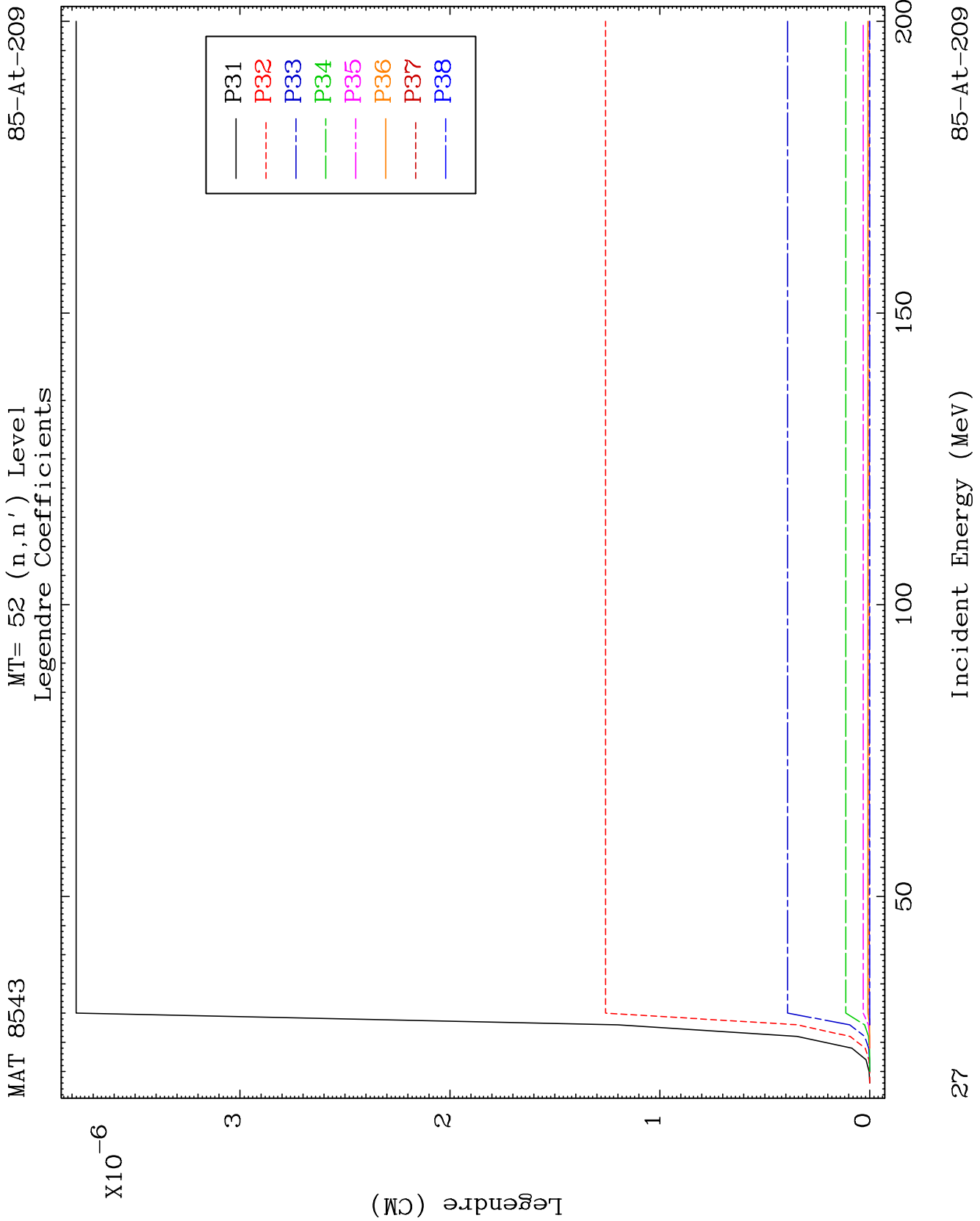
MT= 52 (n, n') Level  
Legendre Coefficients

85-At-209





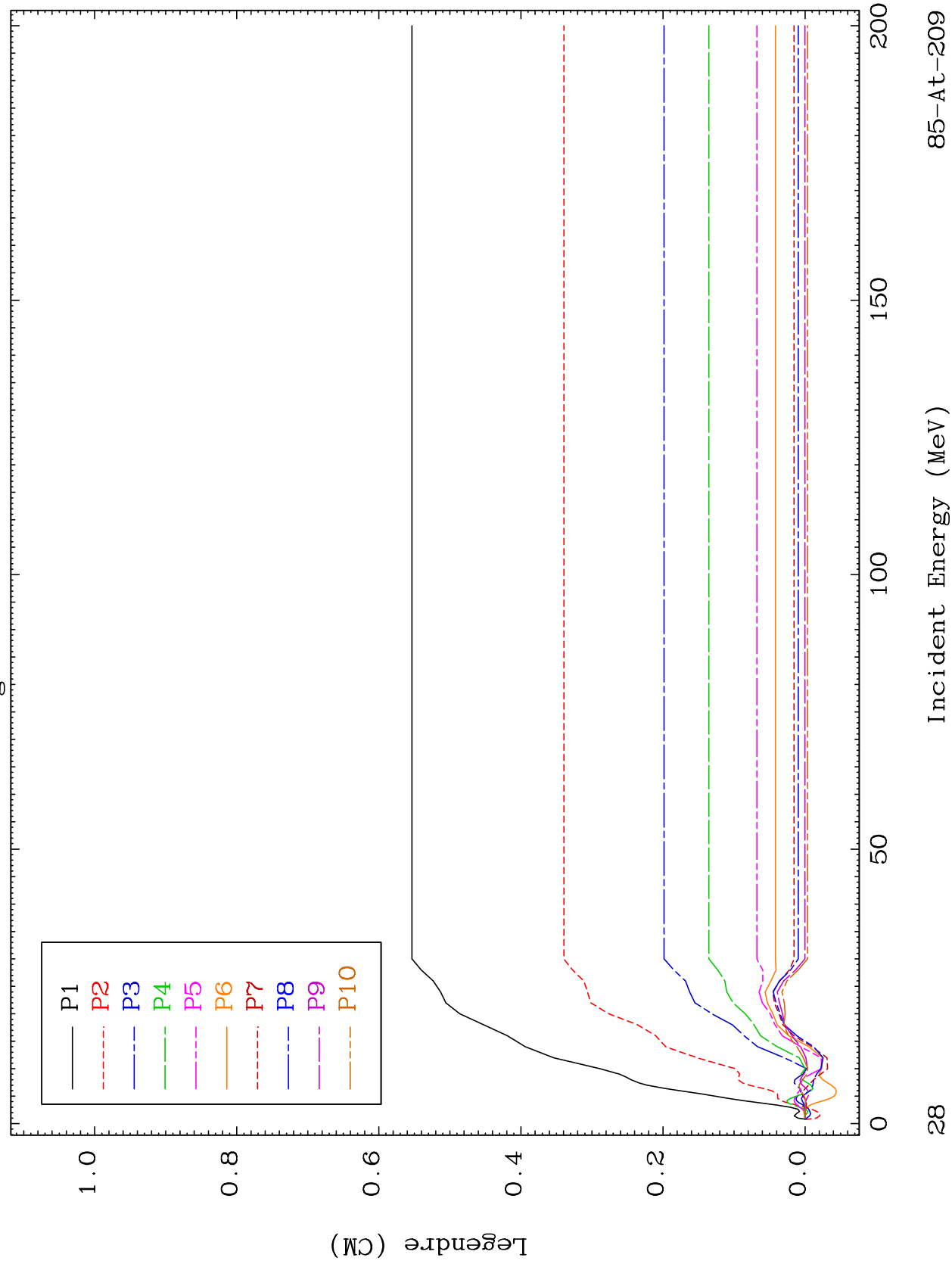


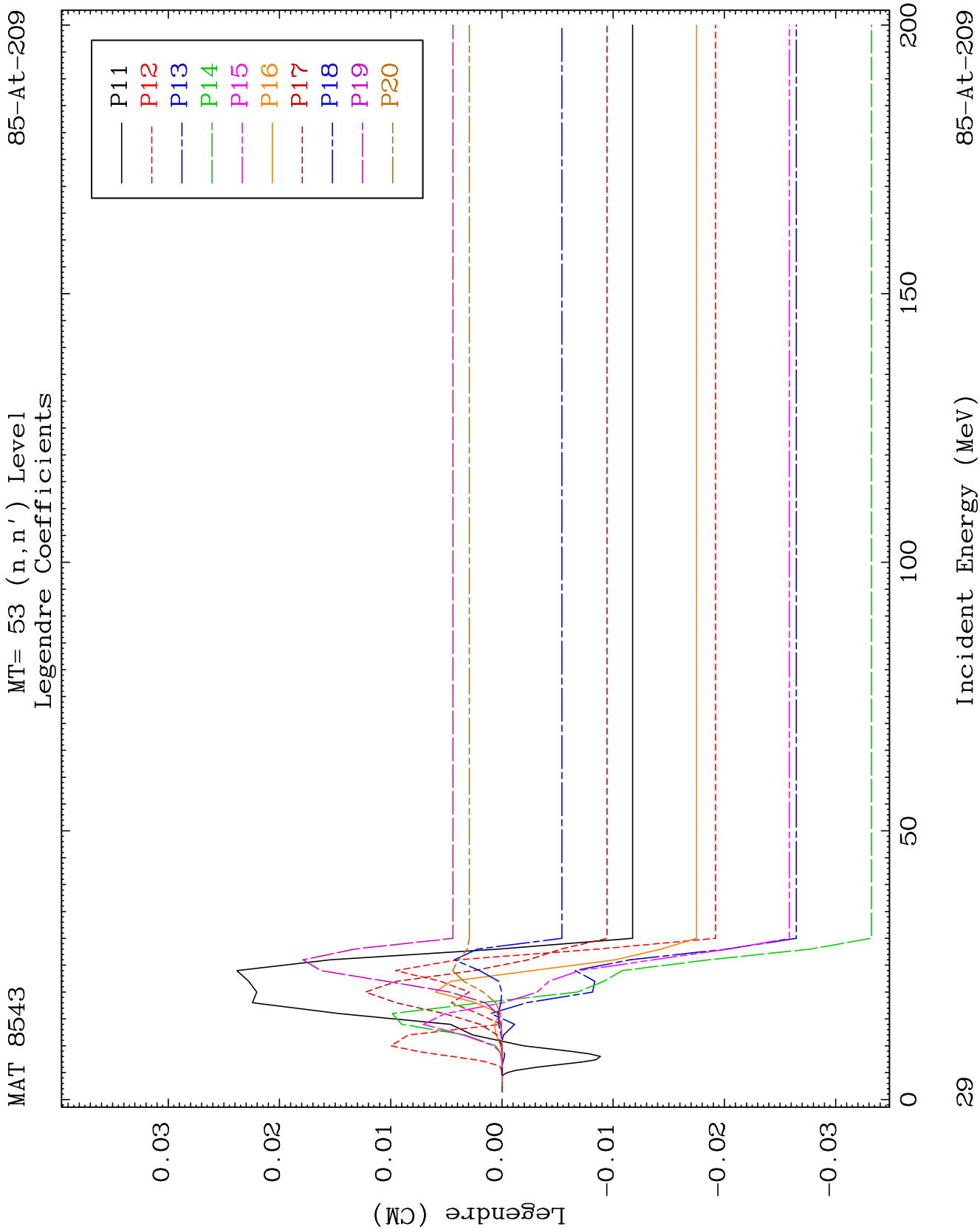


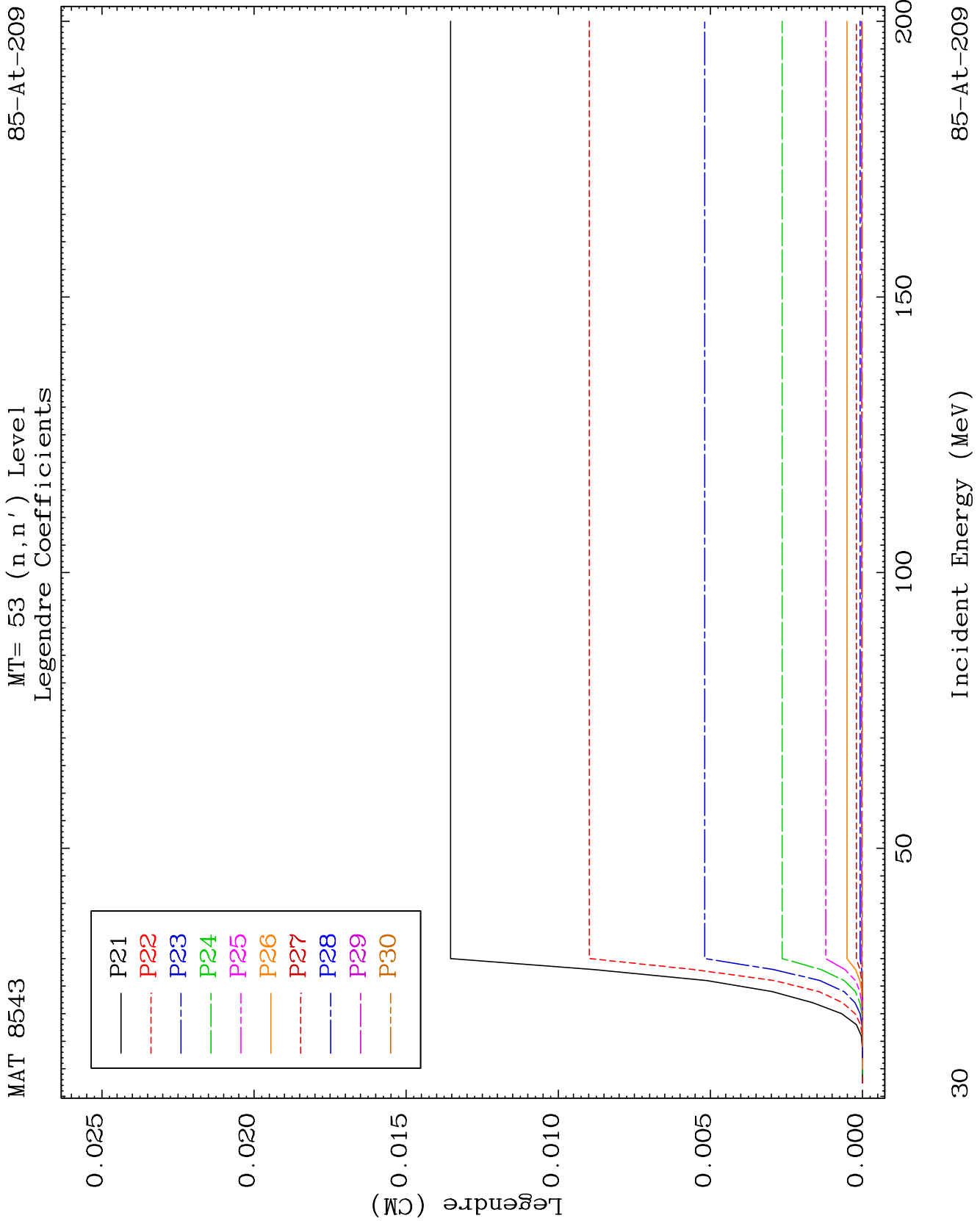
MAT 8543

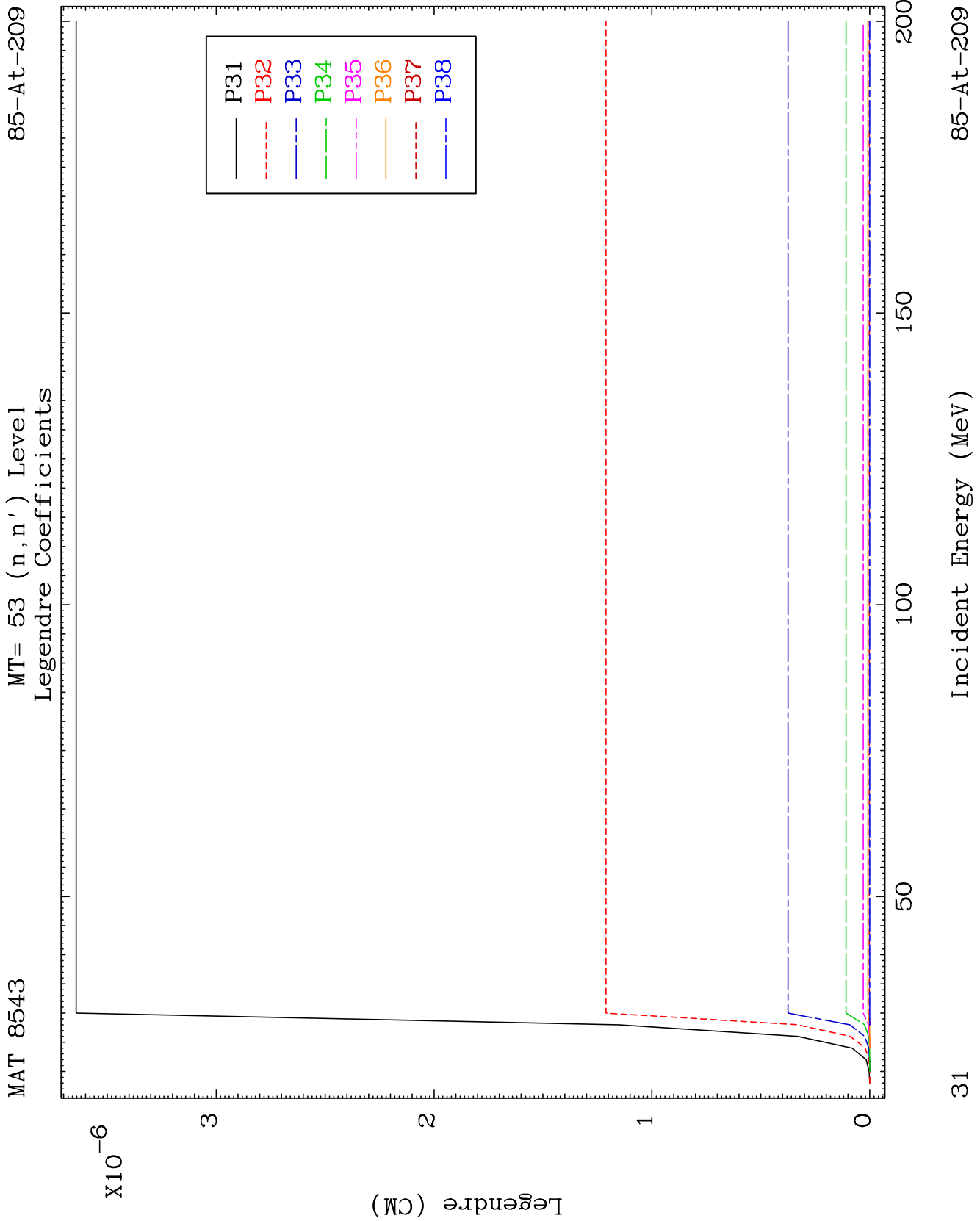
MT= 53 (n, n') Level  
Legendre Coefficients

85-At-209





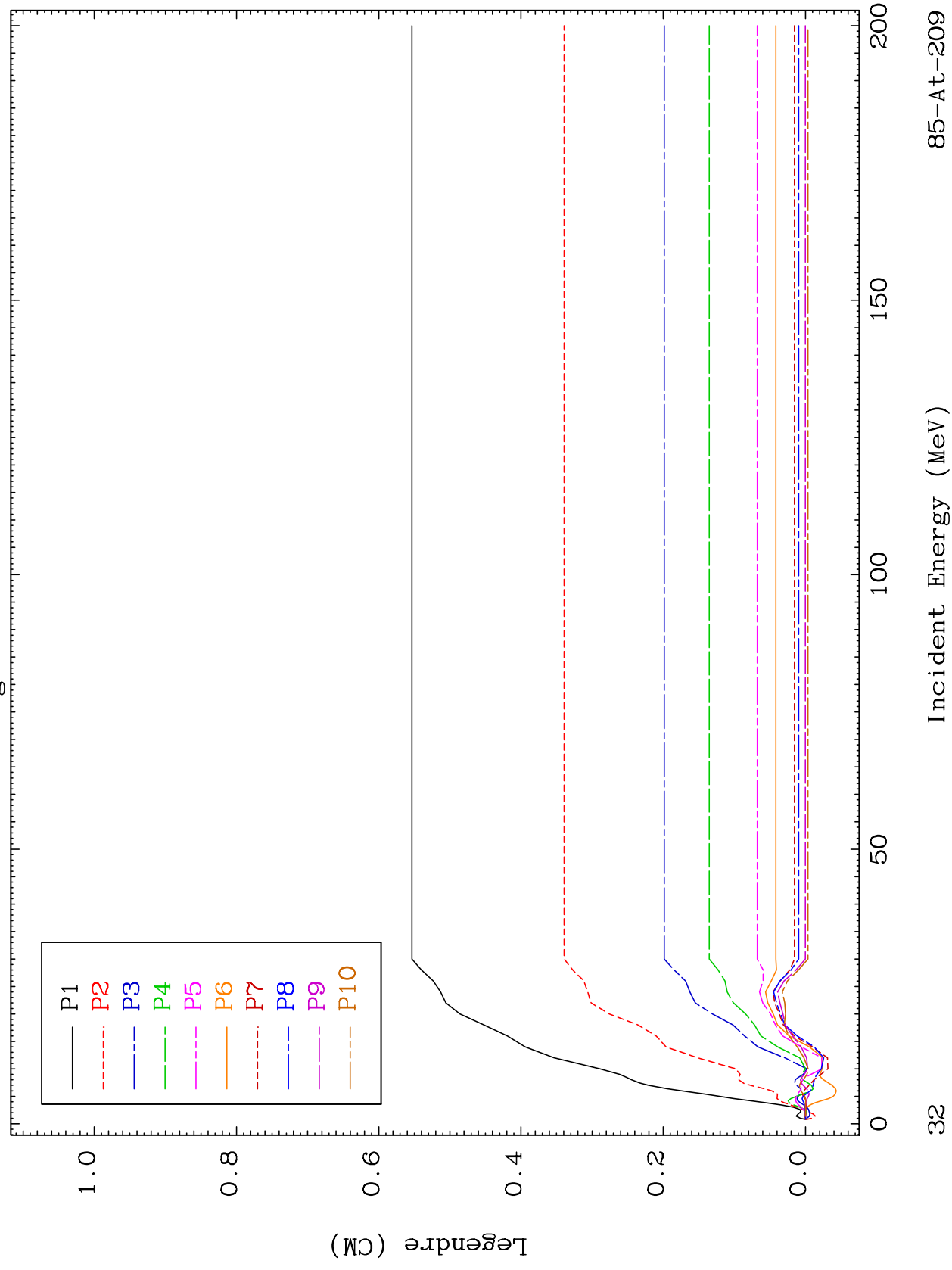


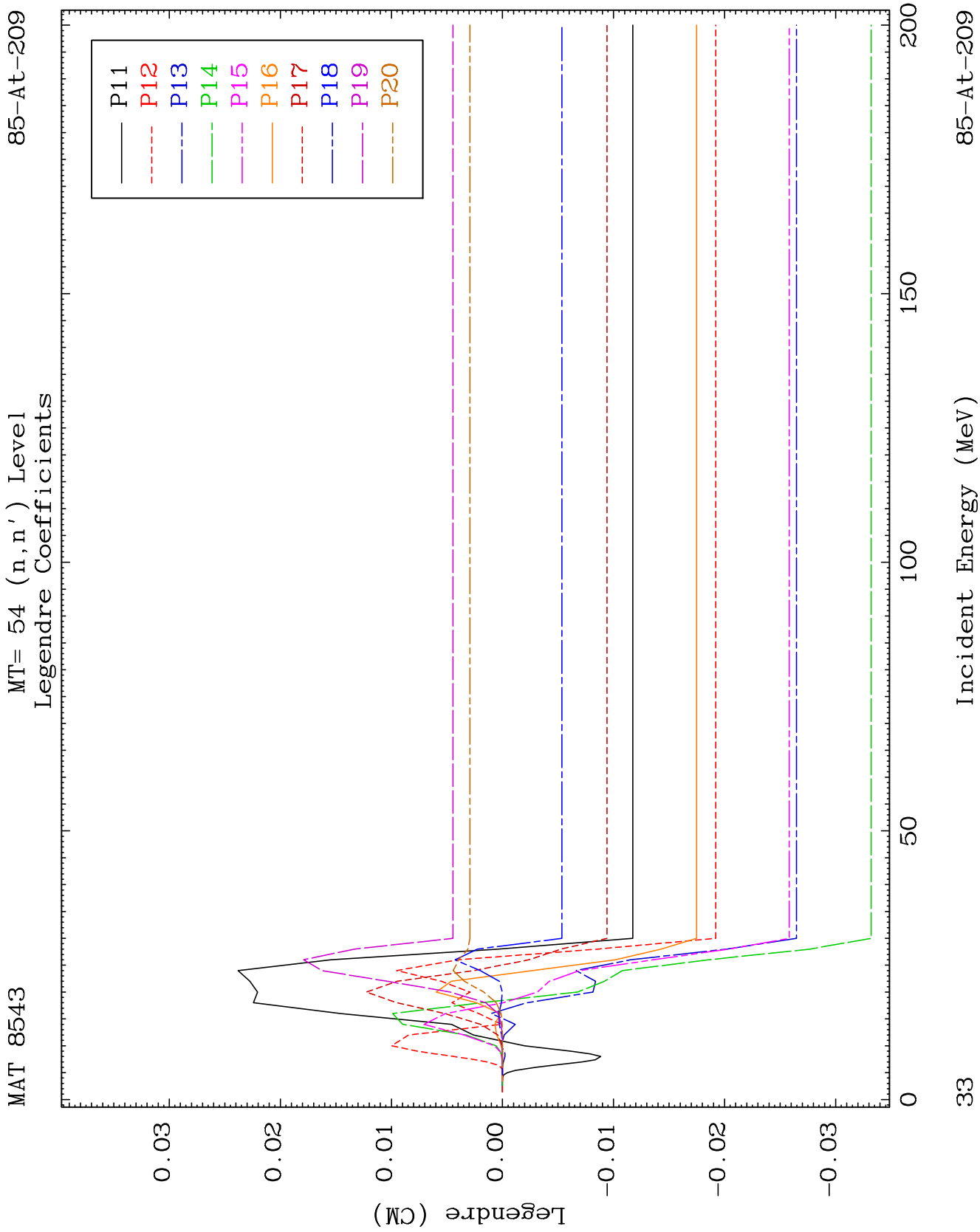


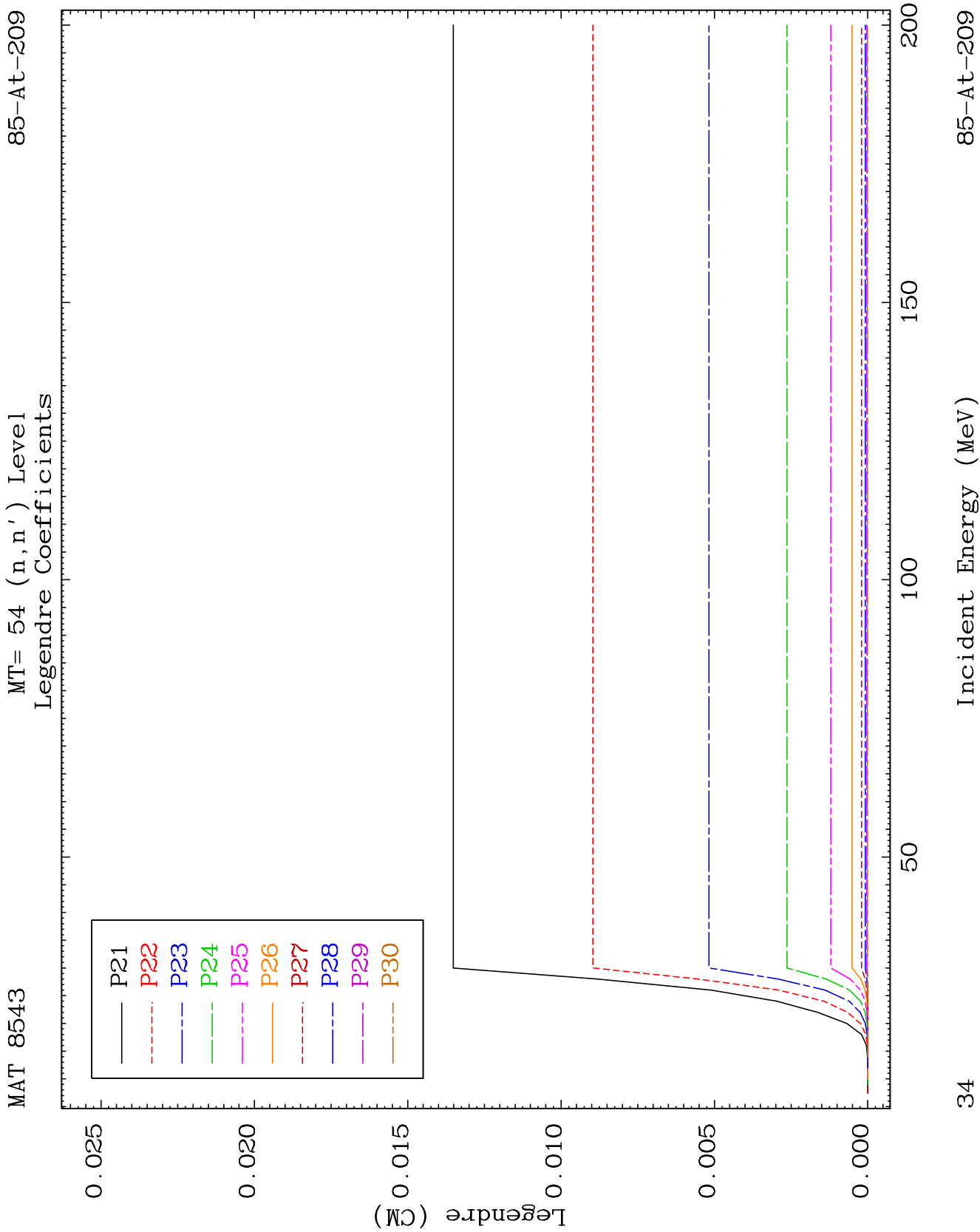
MAT 8543

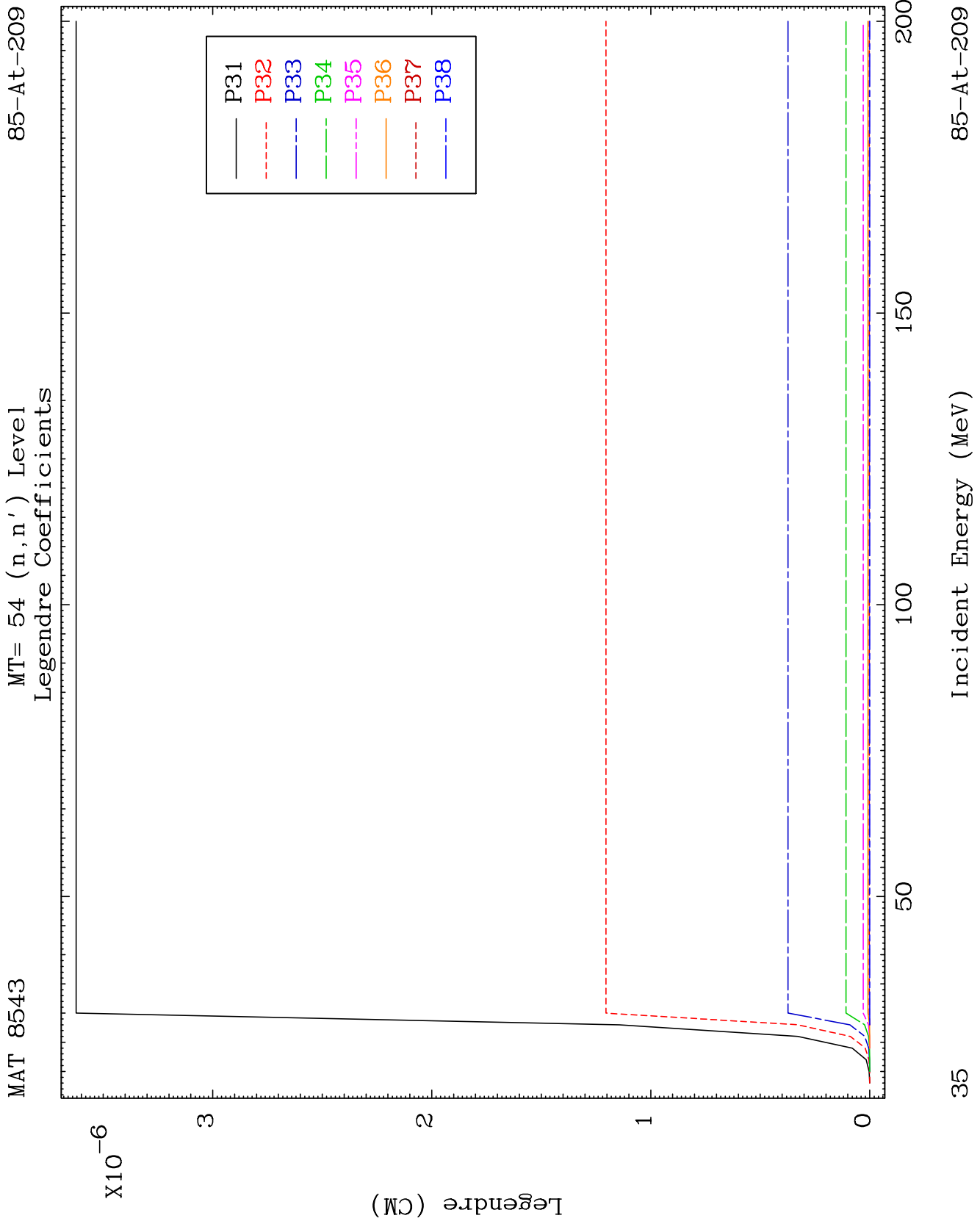
MT= 54 (n, n') Level  
Legendre Coefficients

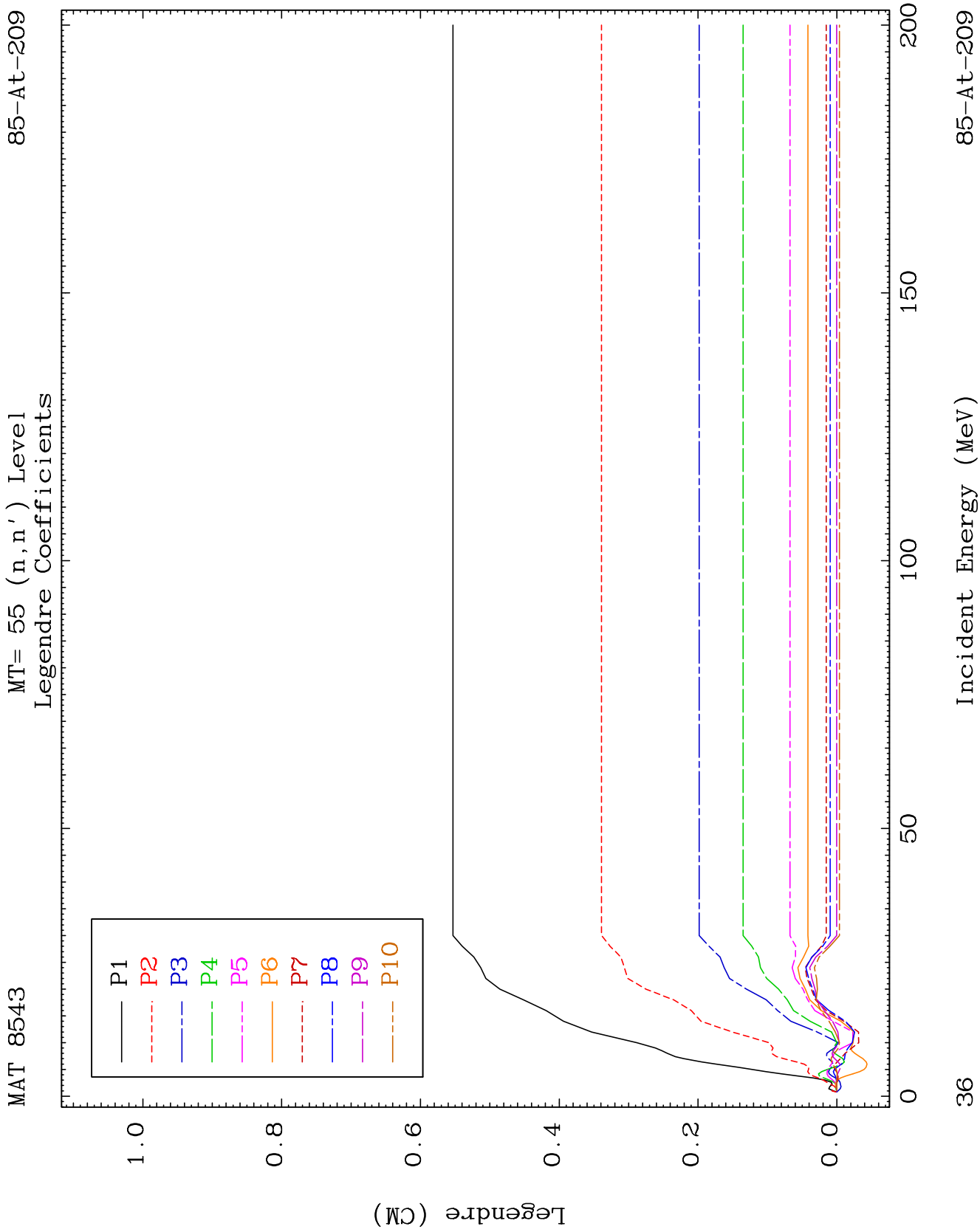
85-At-209

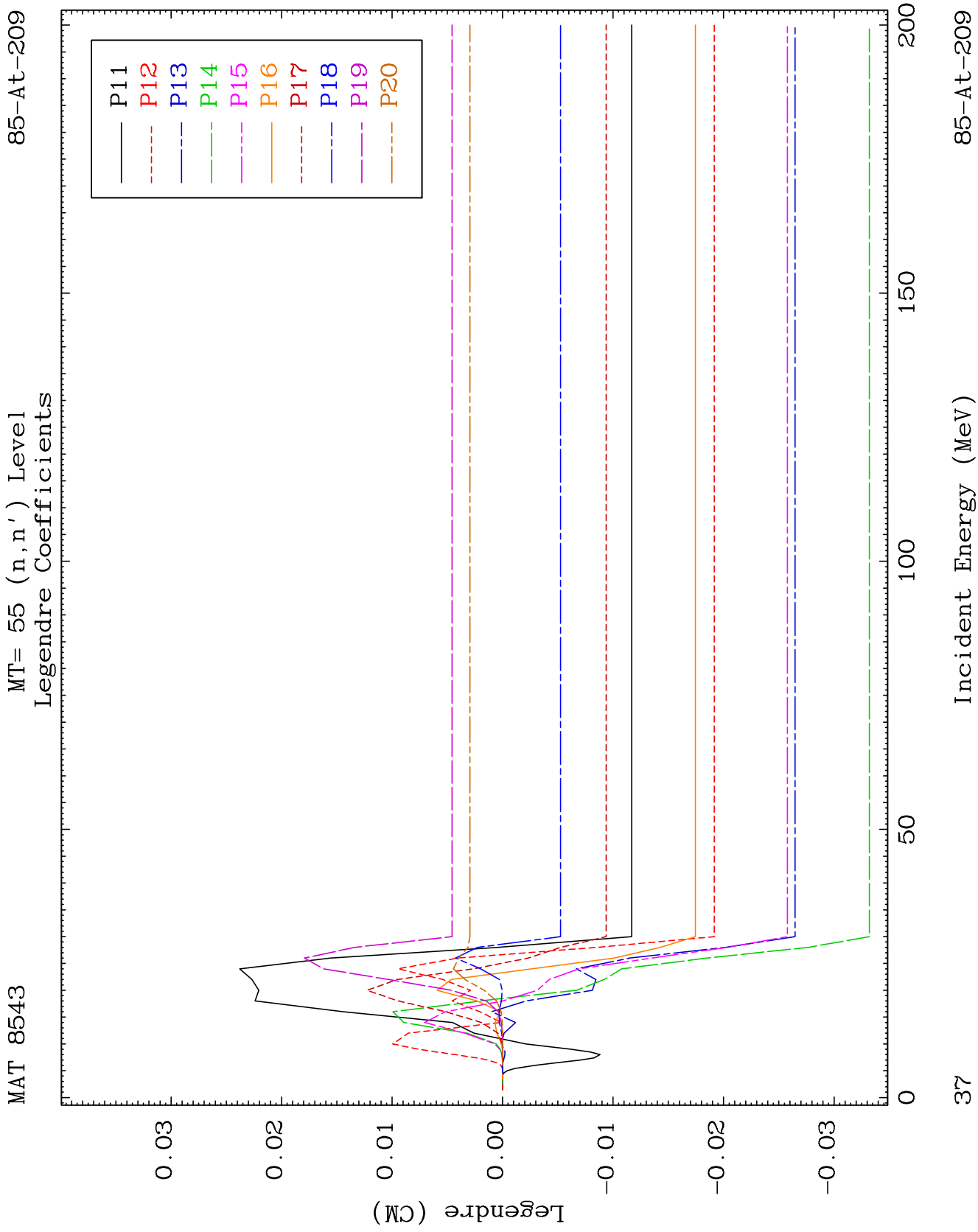








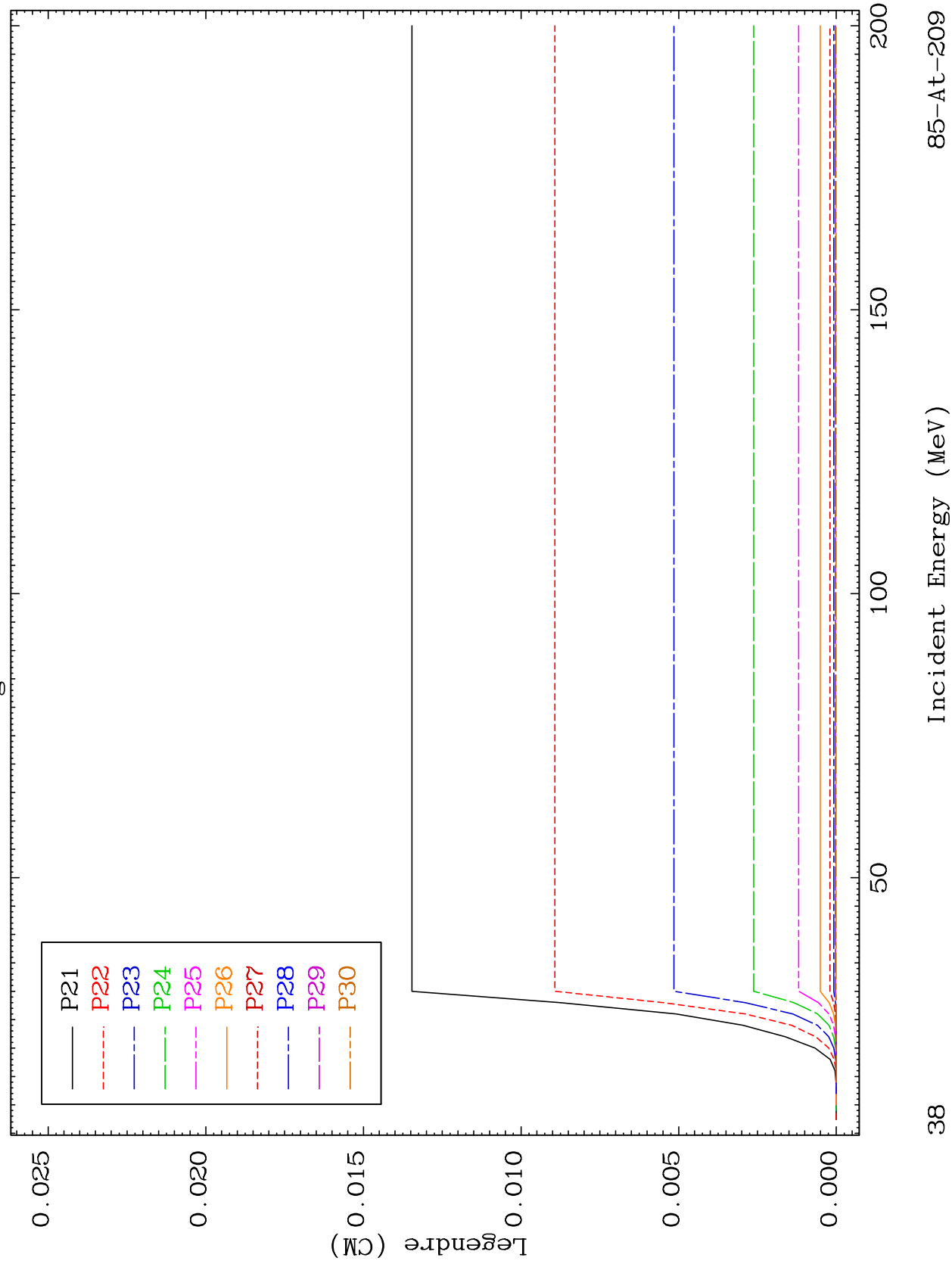


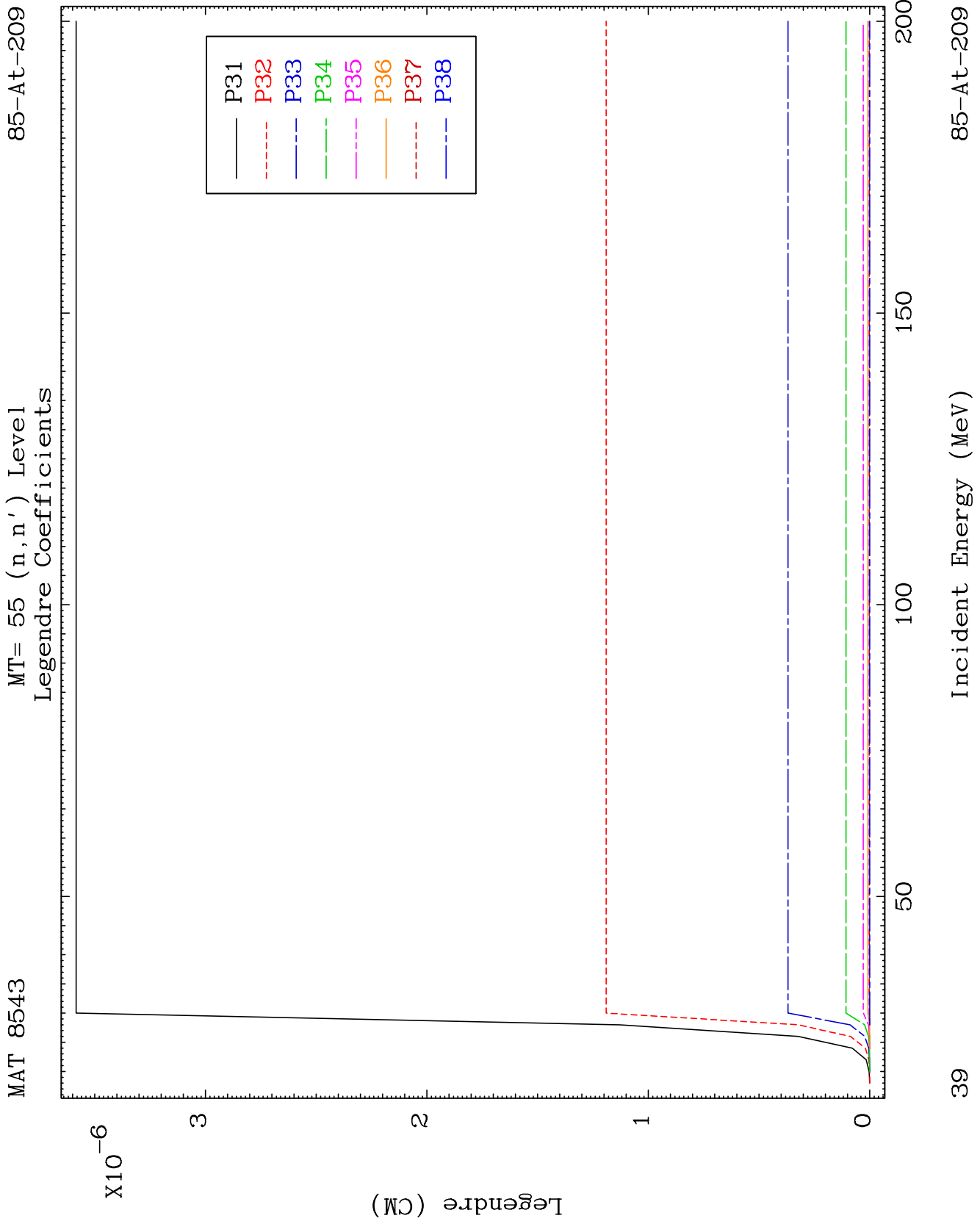


MAT 8543

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

85-At-209

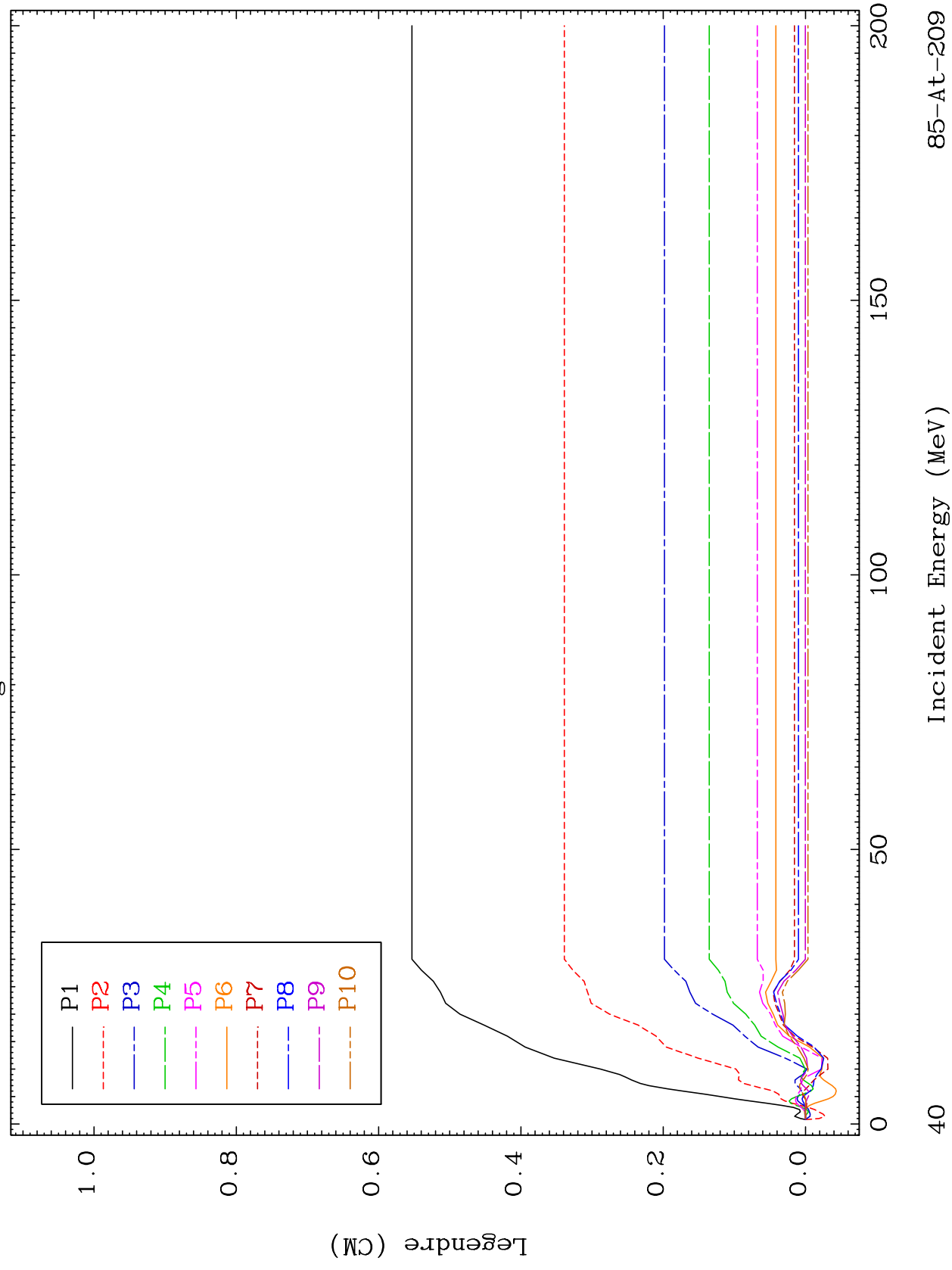


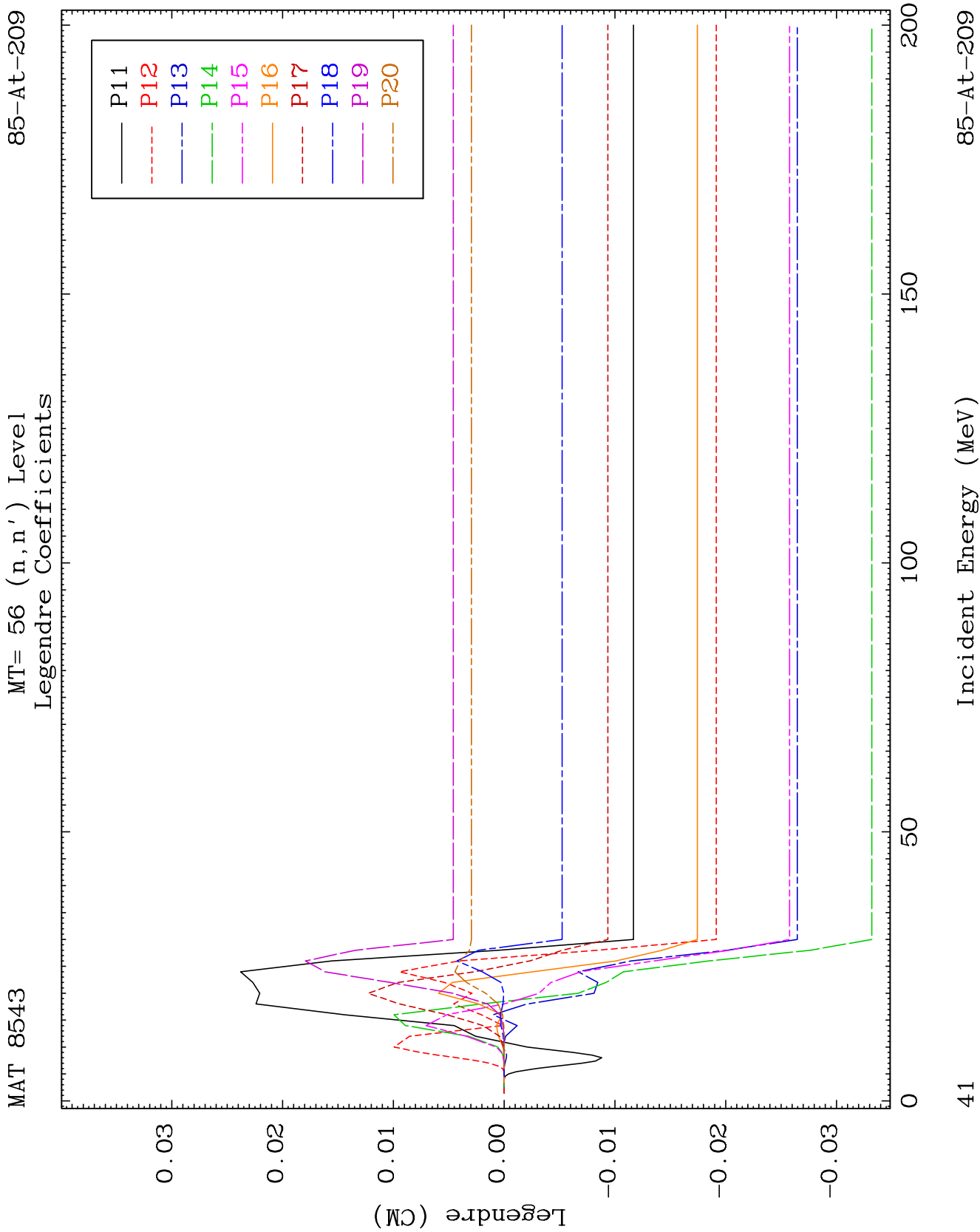


MAT 8543

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

85-At-209

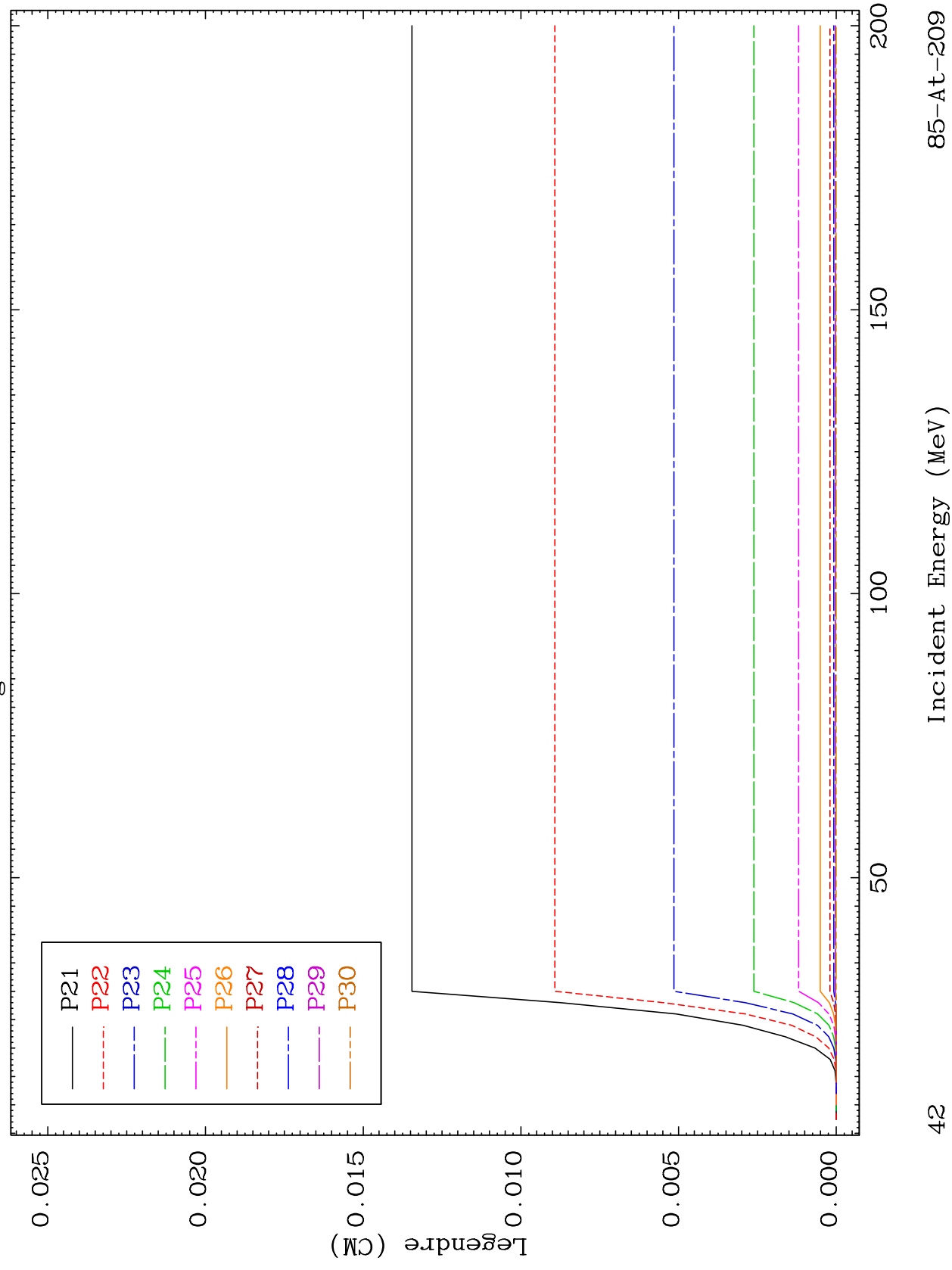


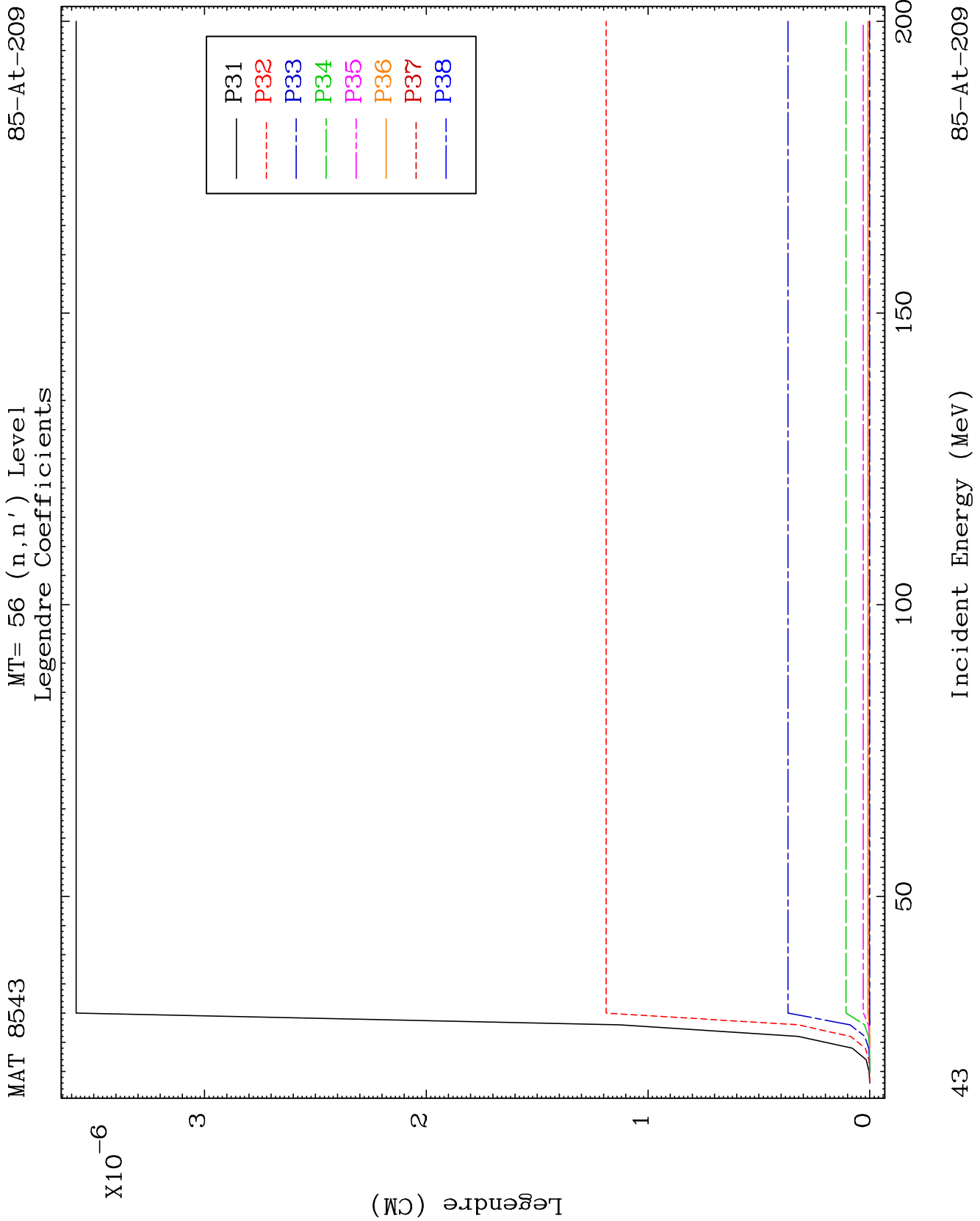


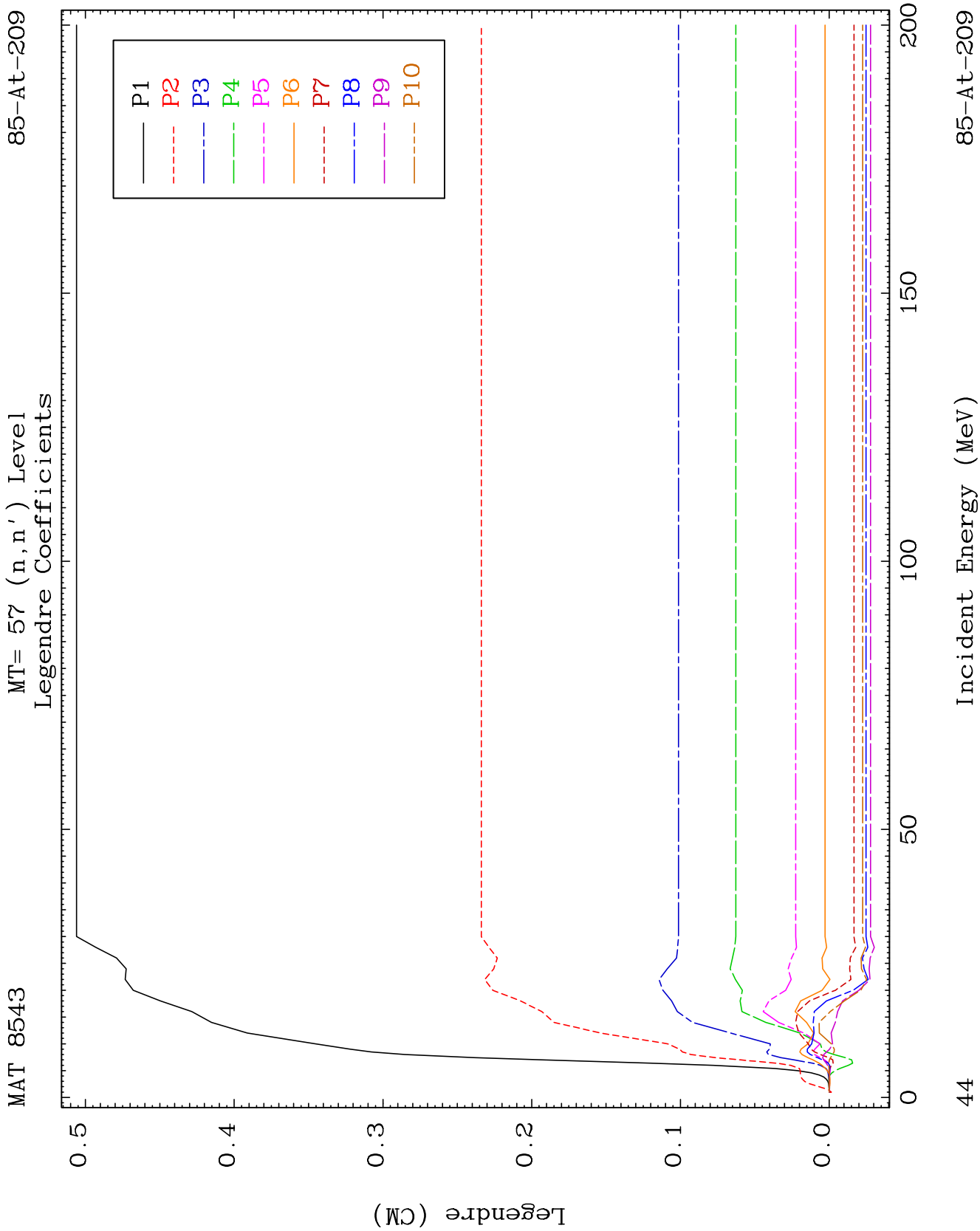
MAT 8543

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

85-At-209



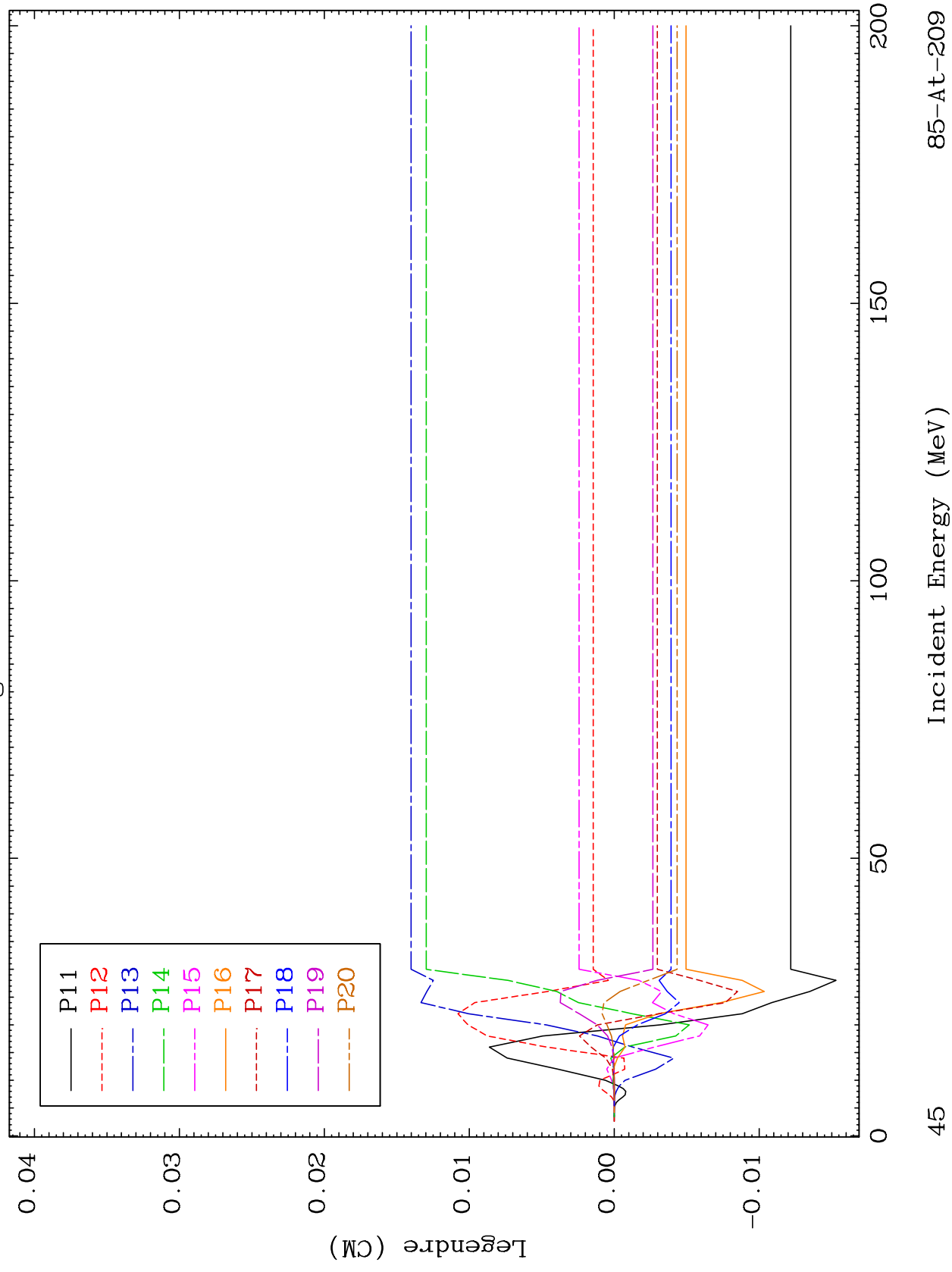


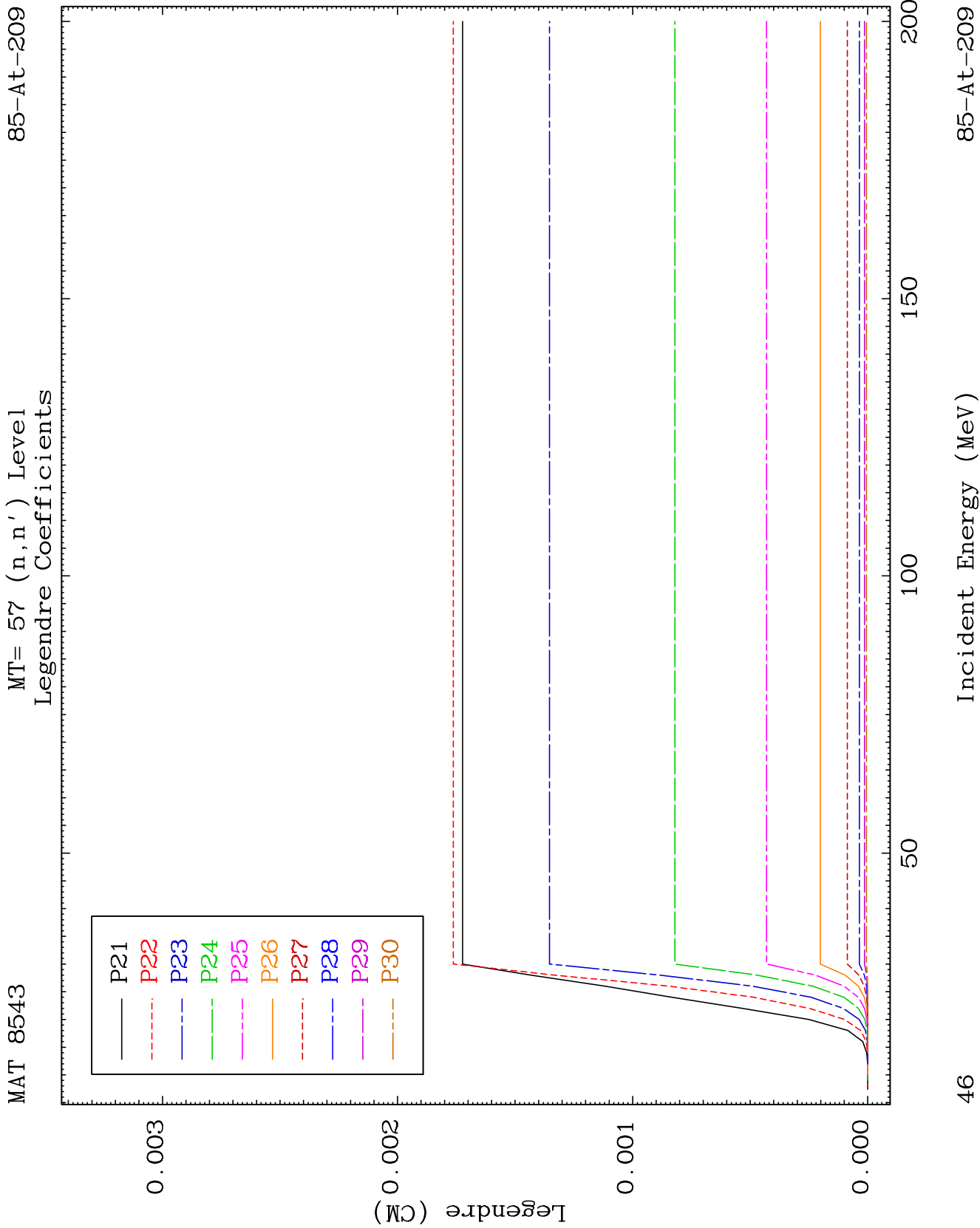


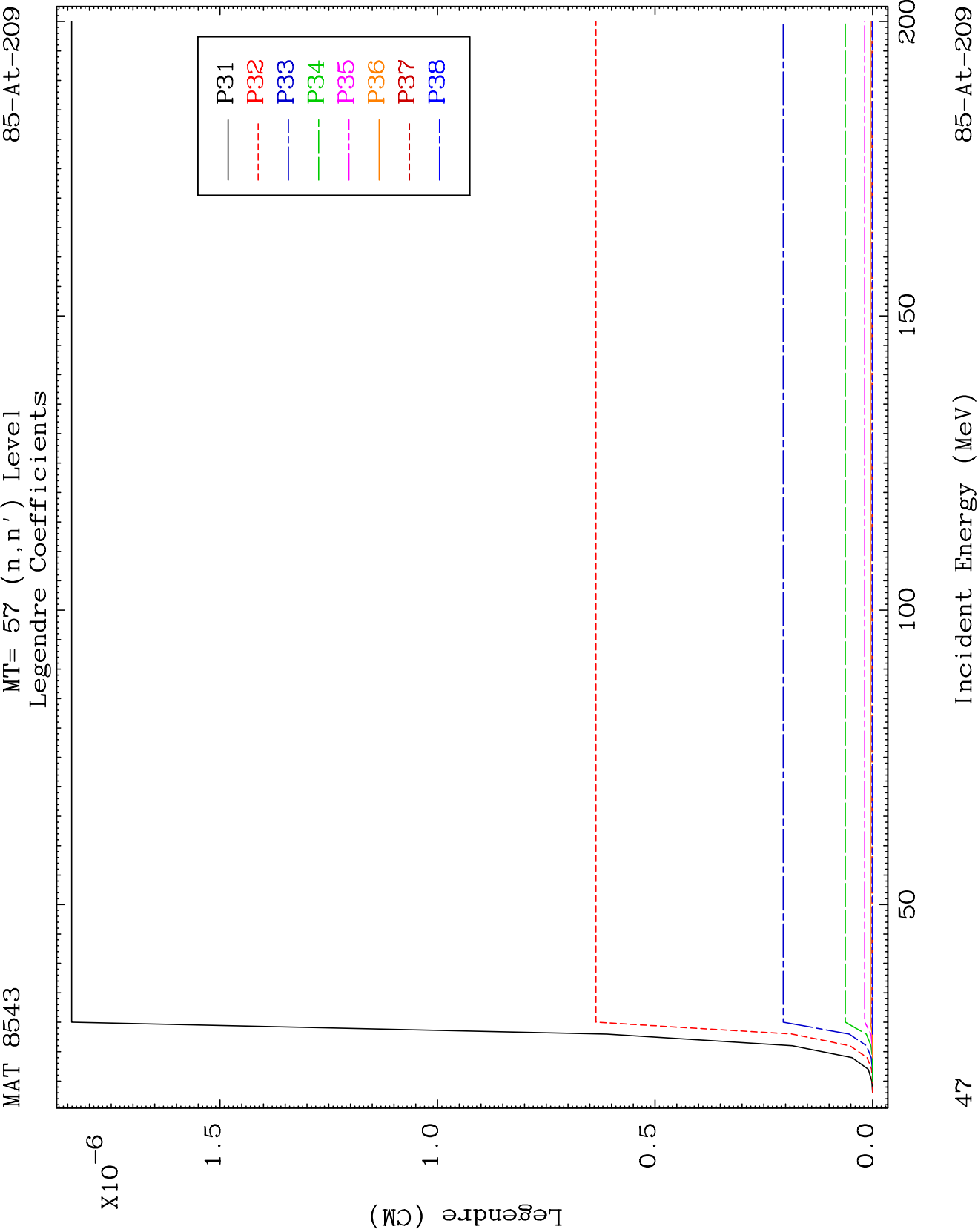
MAT 8543

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

85-At-209



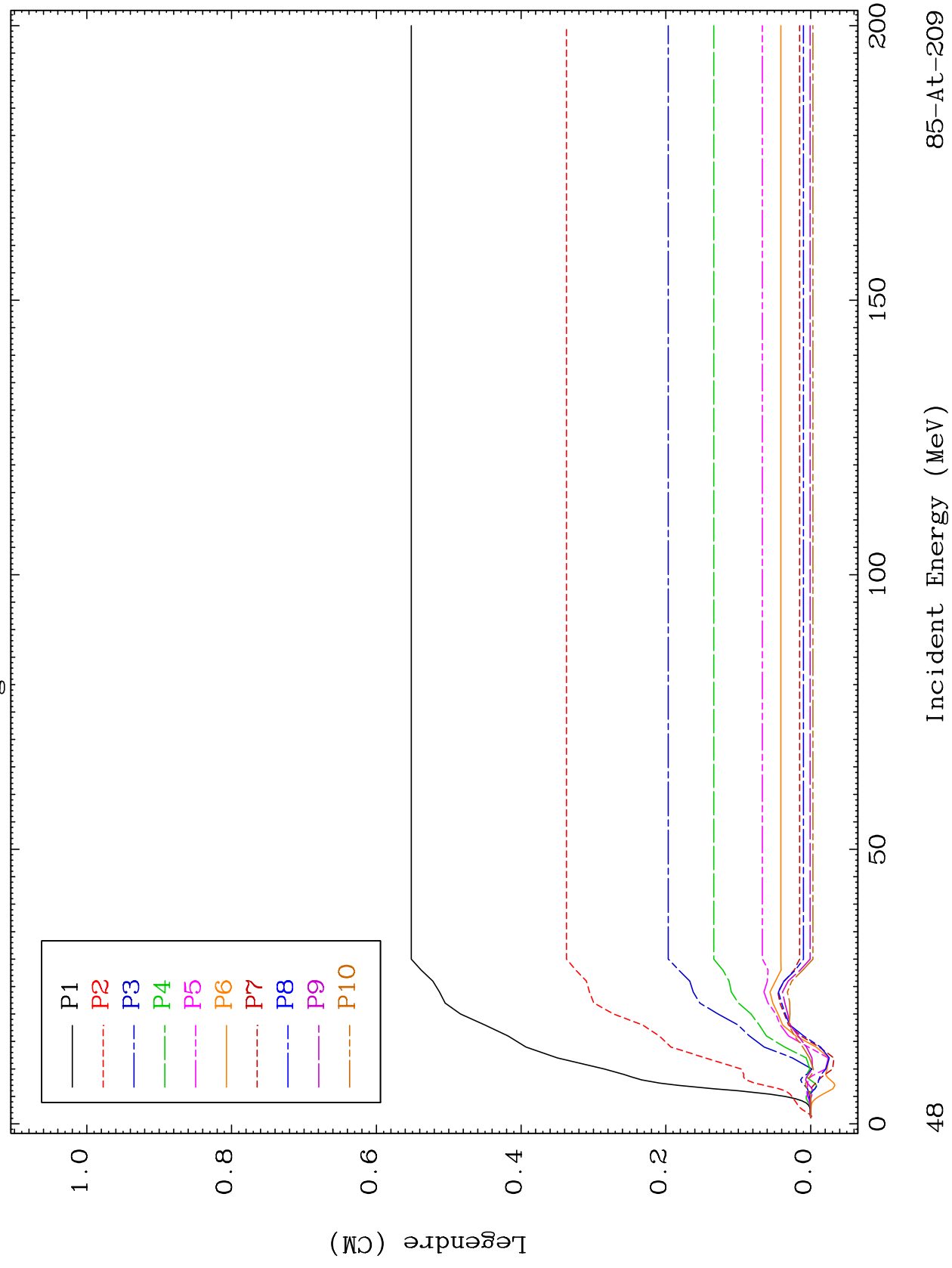


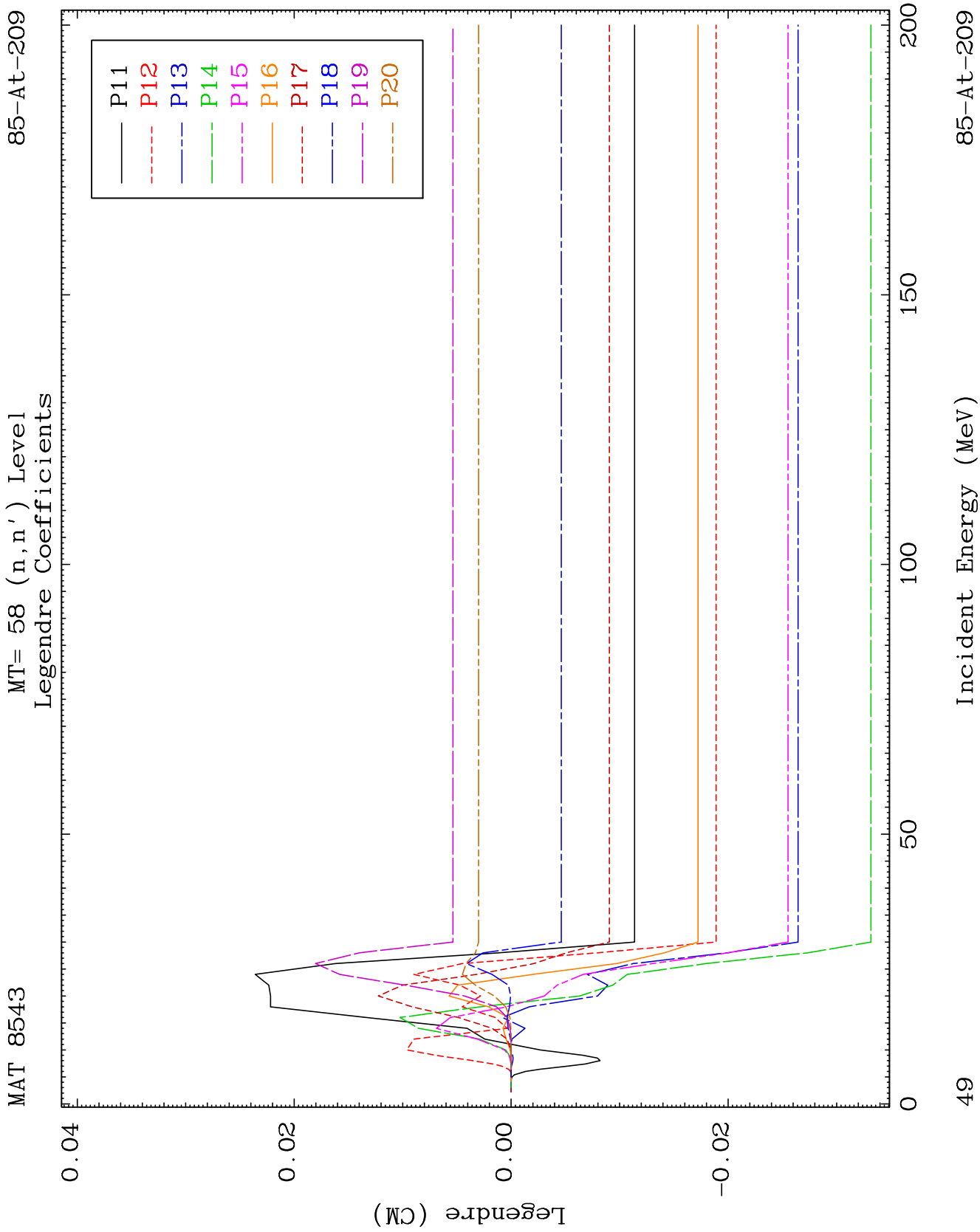


MAT 8543

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

85-At-209

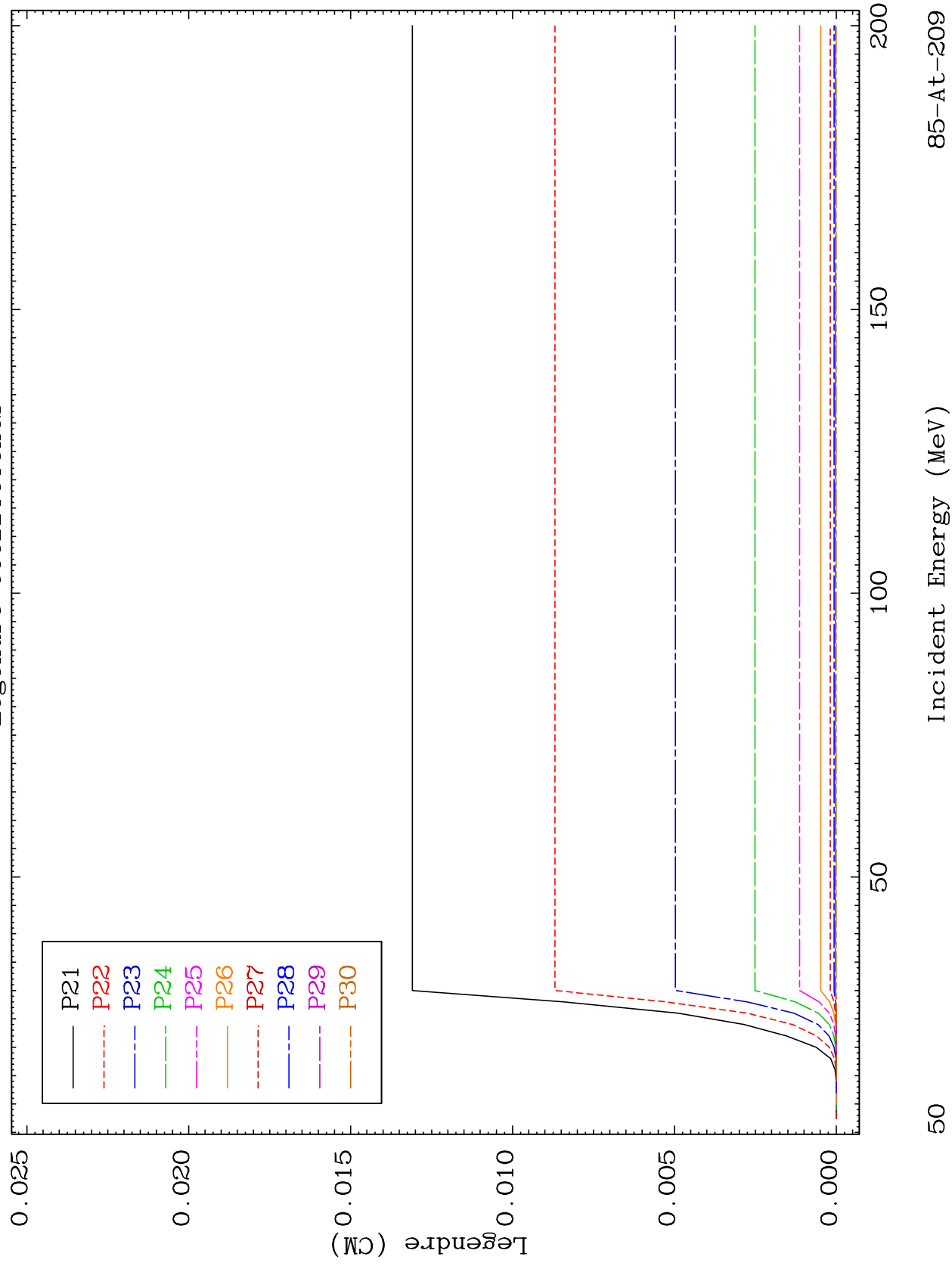


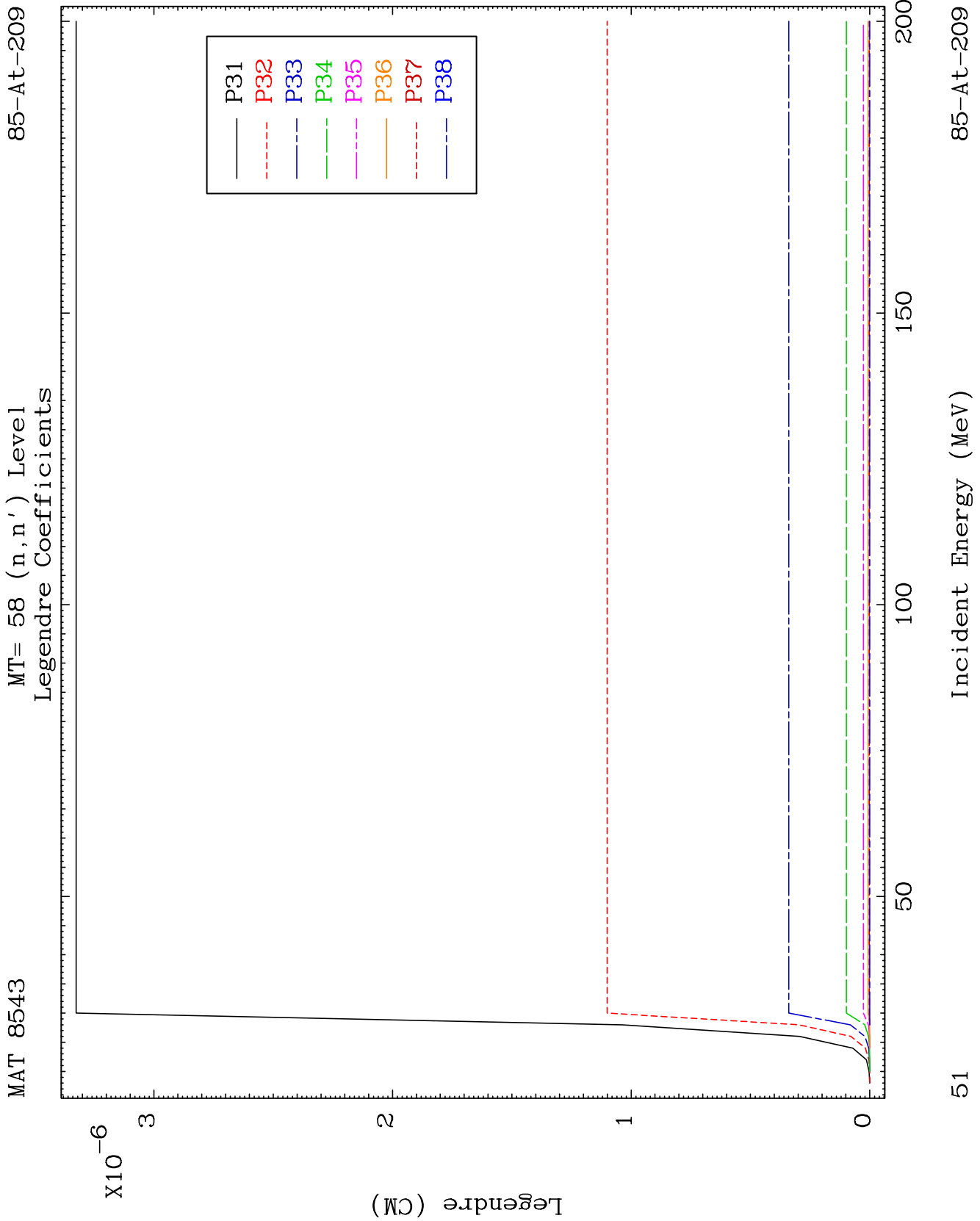


MAT 8543

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

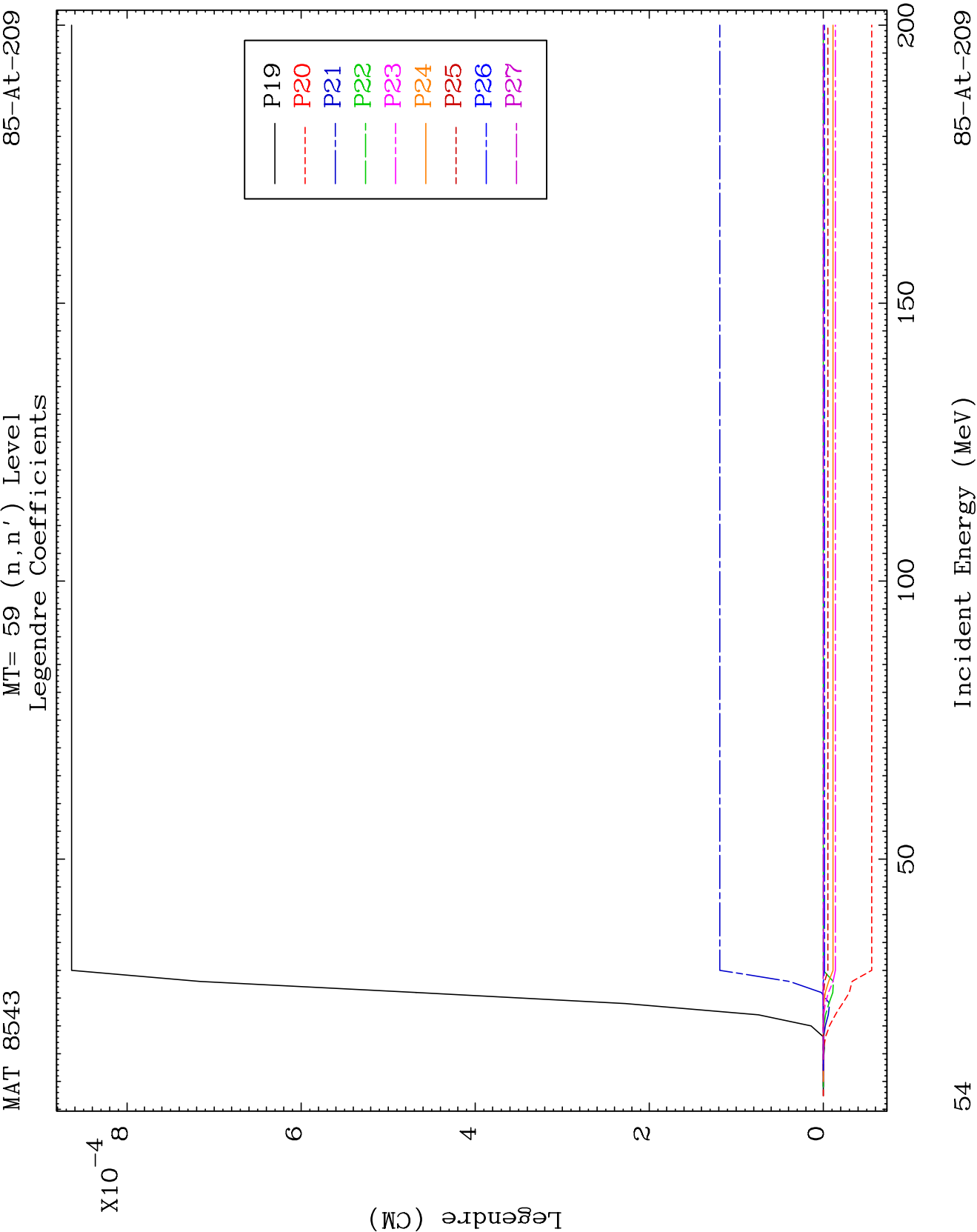
85-At-209

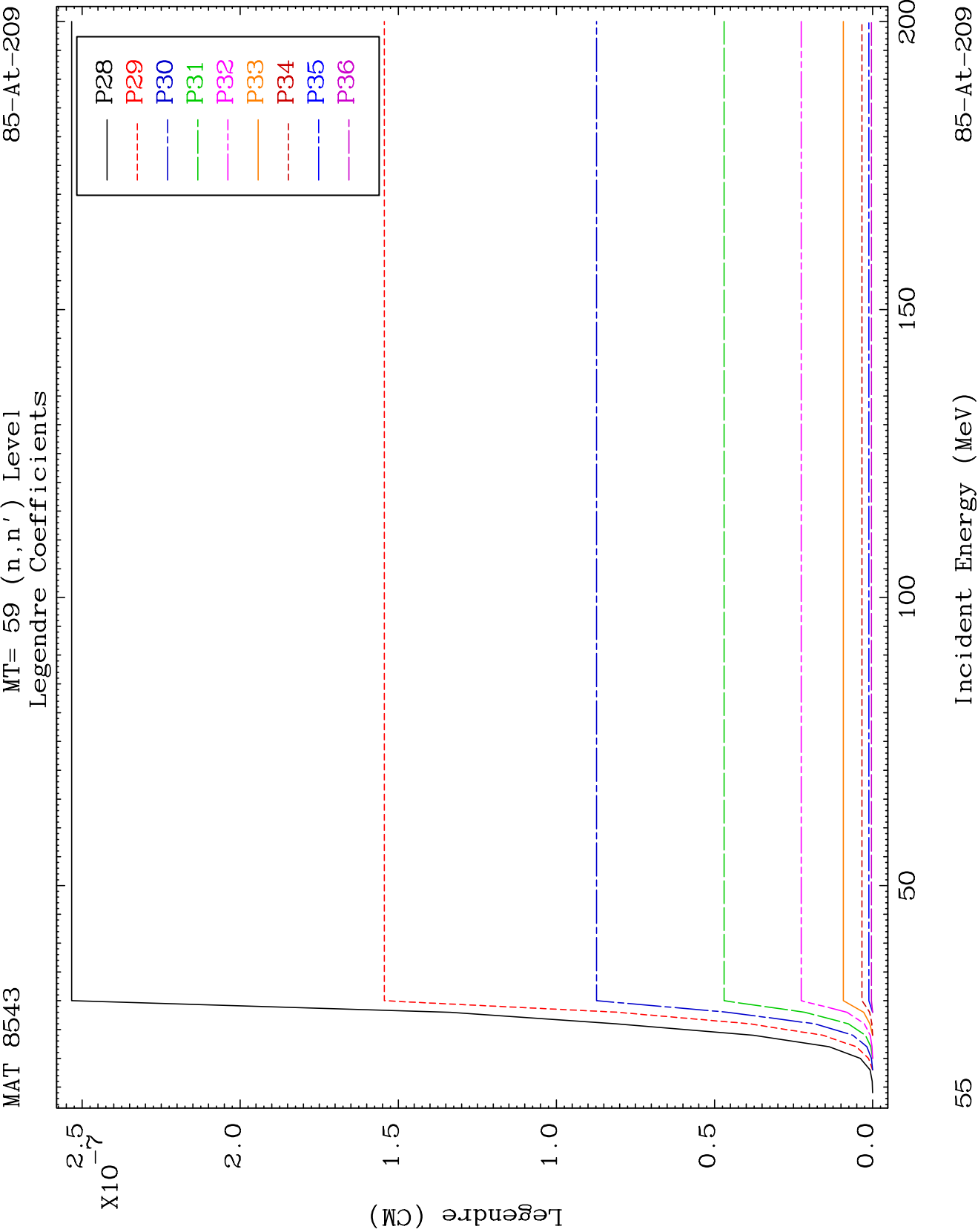


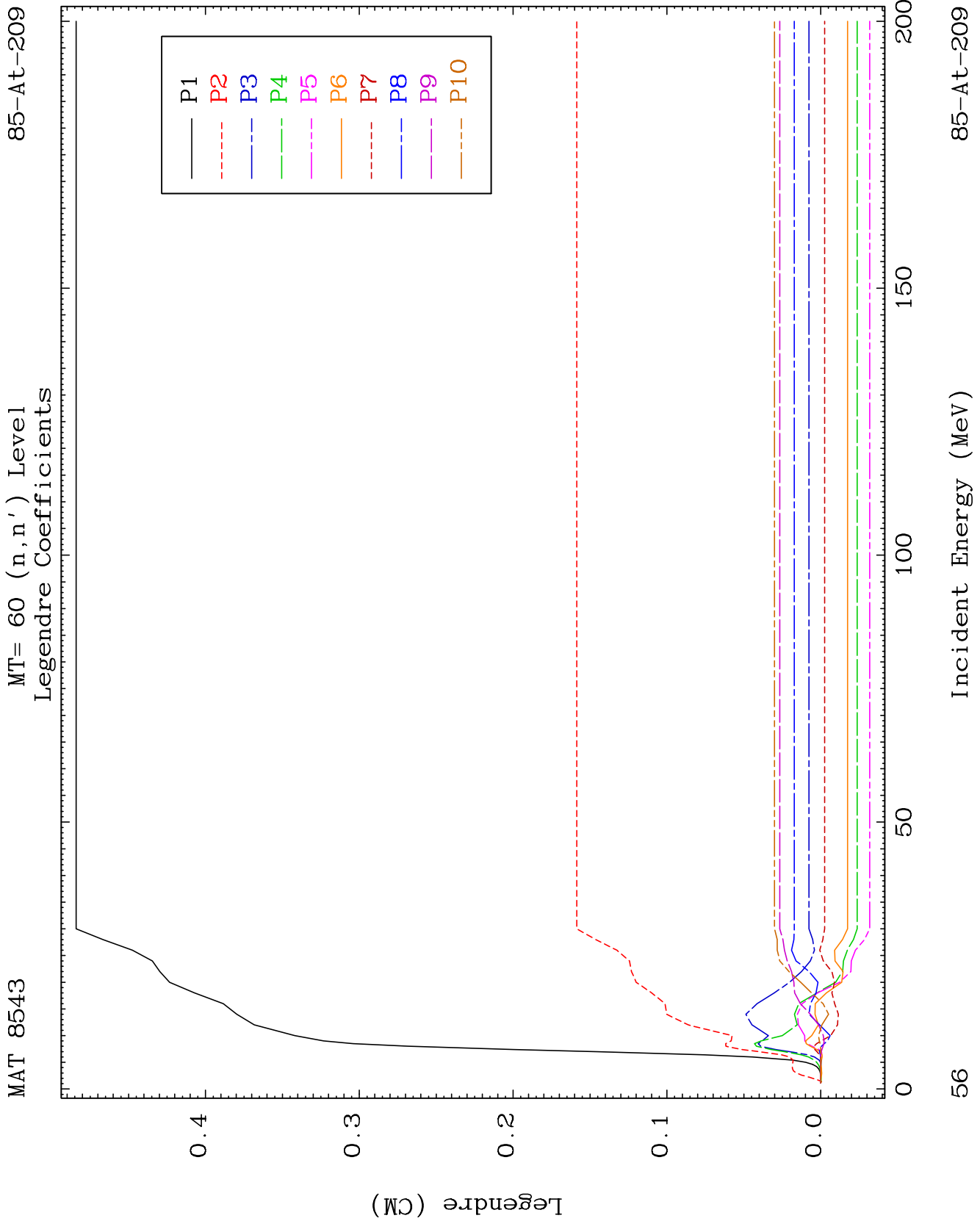




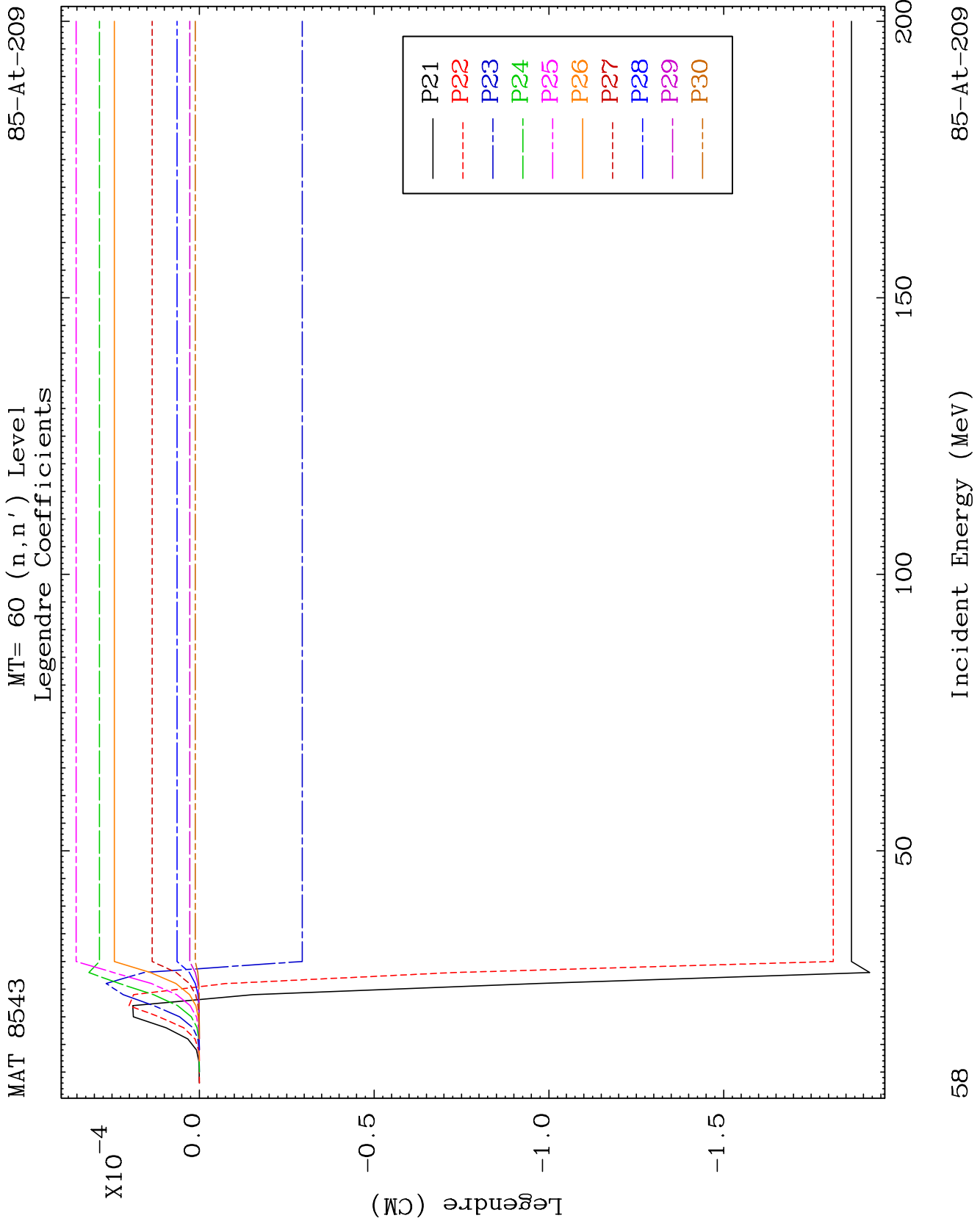


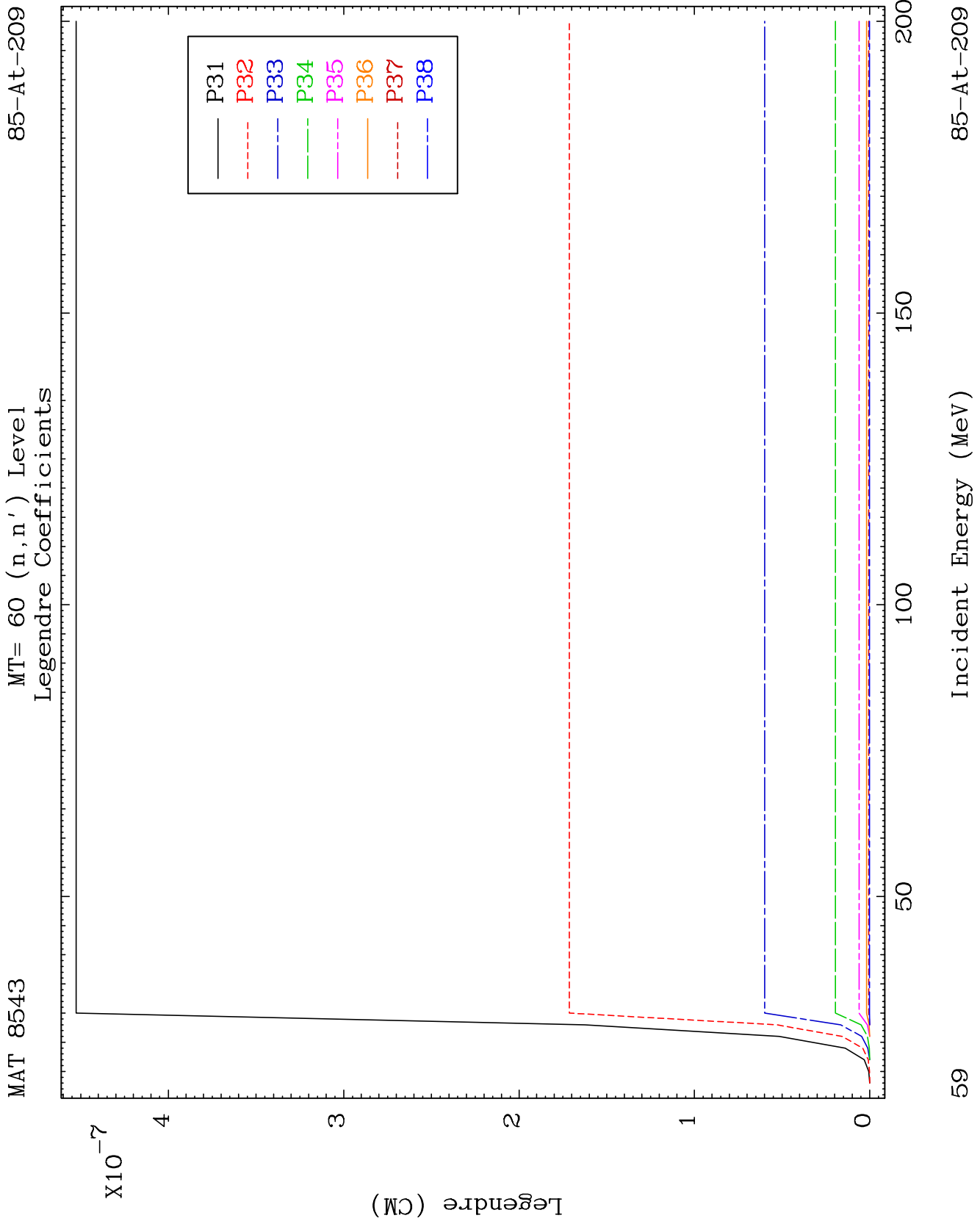








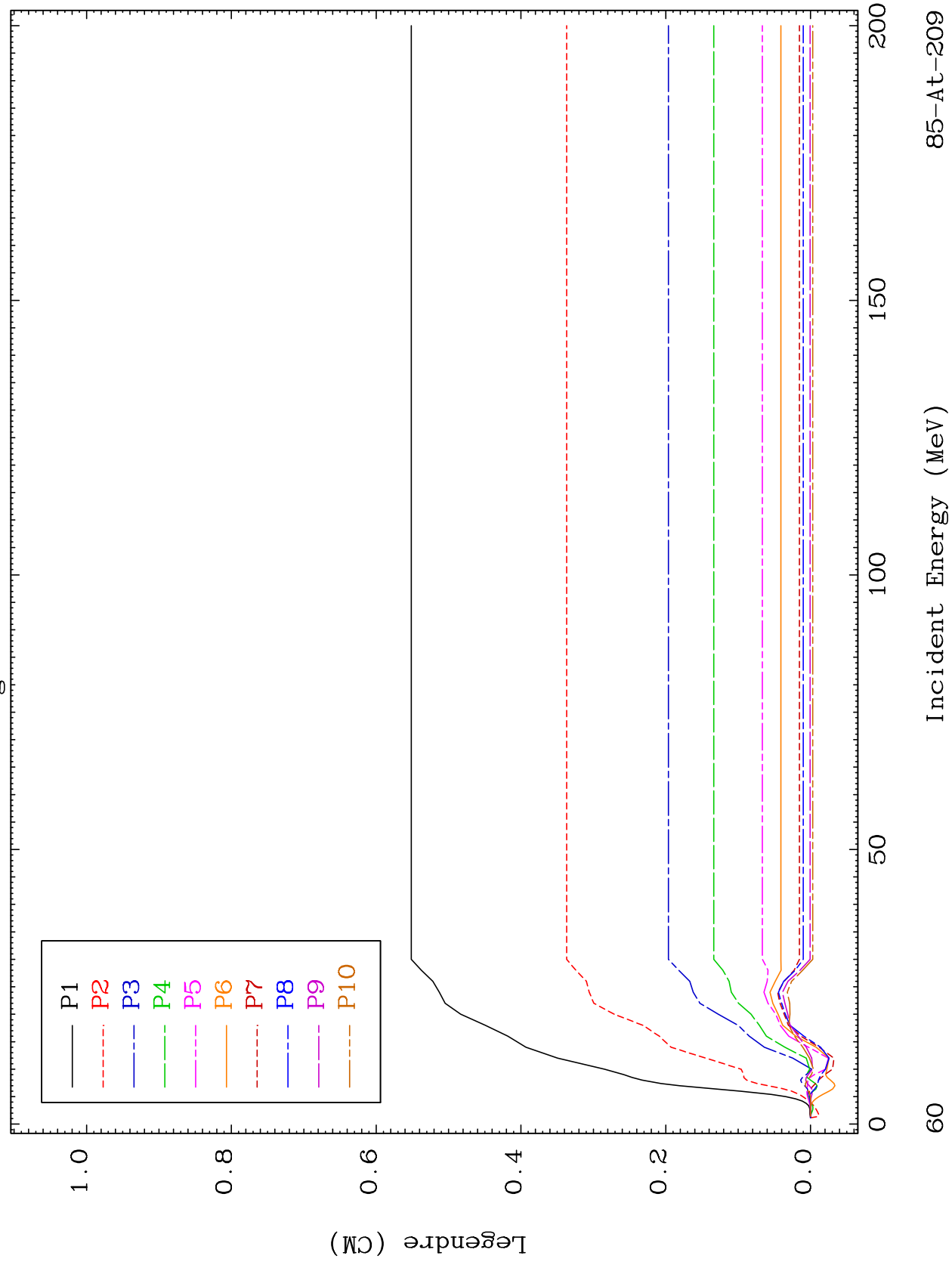




MAT 8543

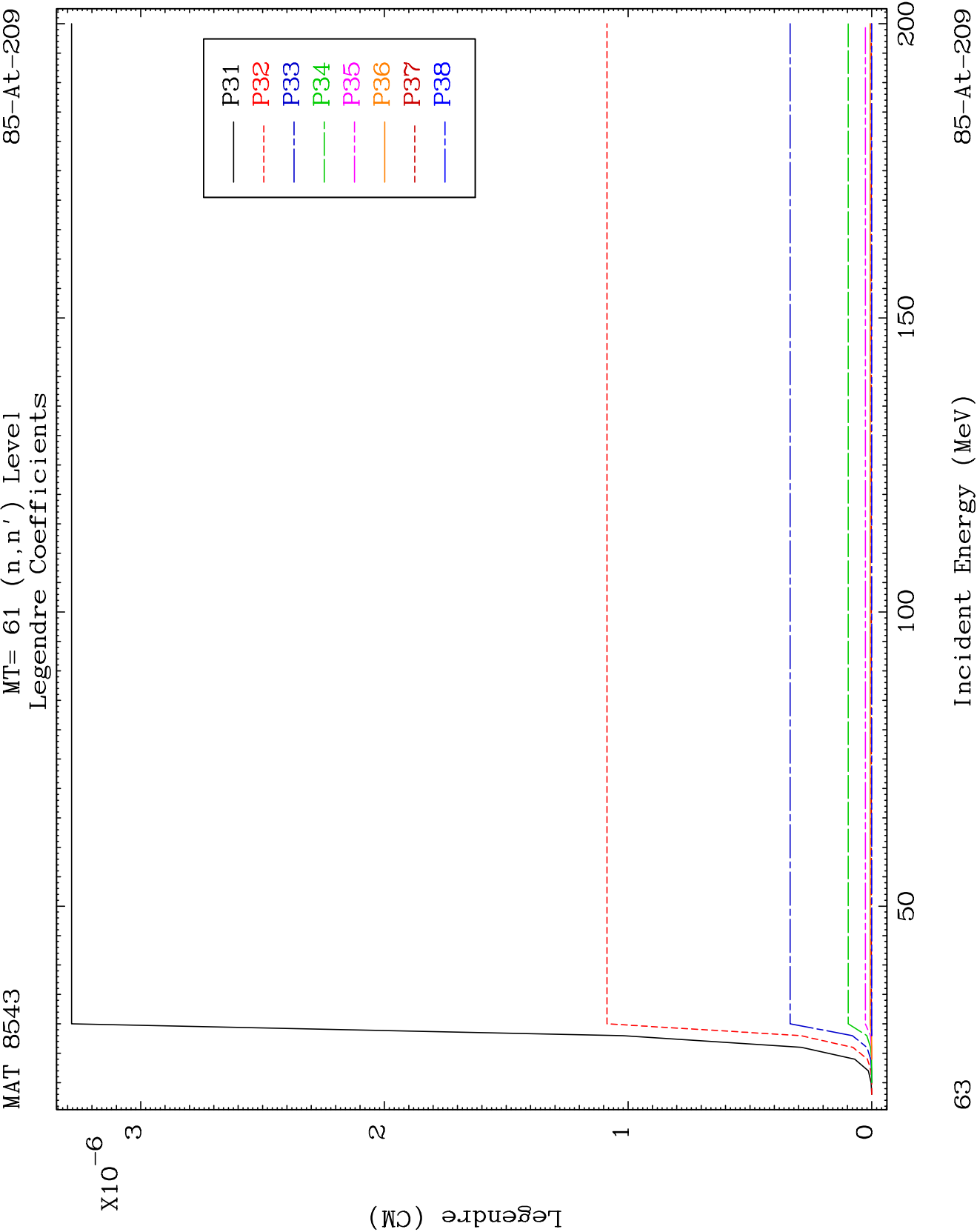
MT= 61 (n, n') Level  
Legendre Coefficients

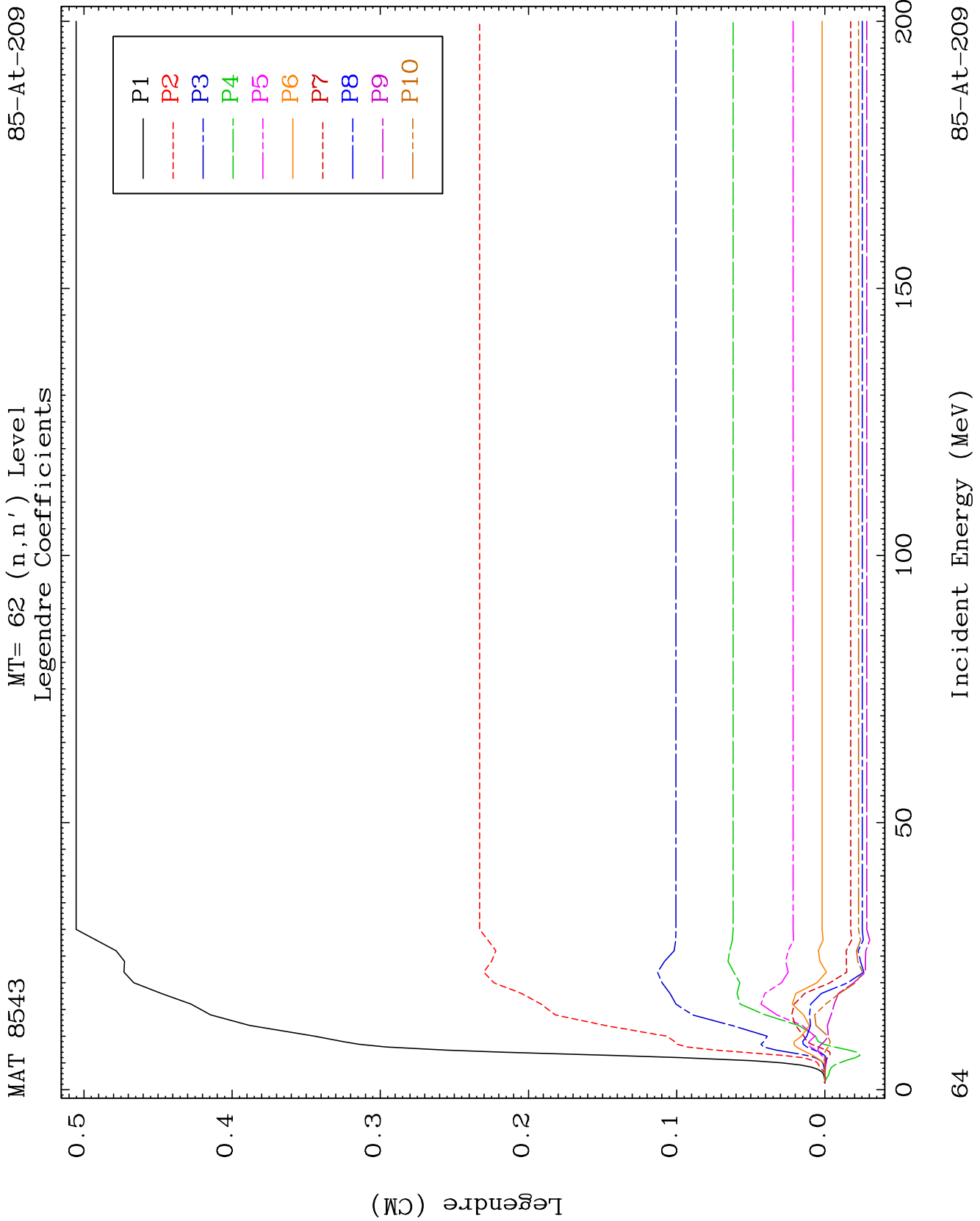
85-At-209







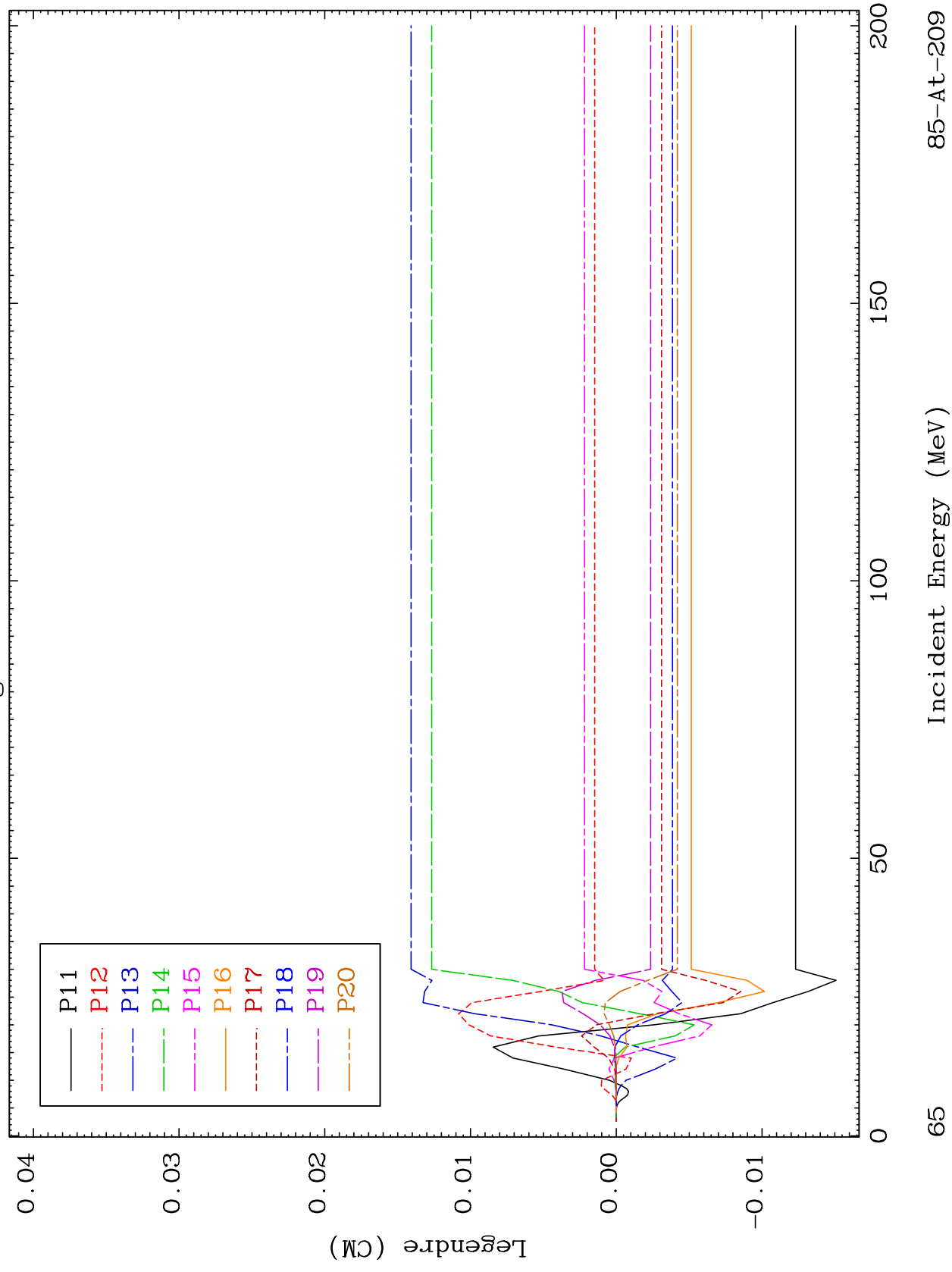


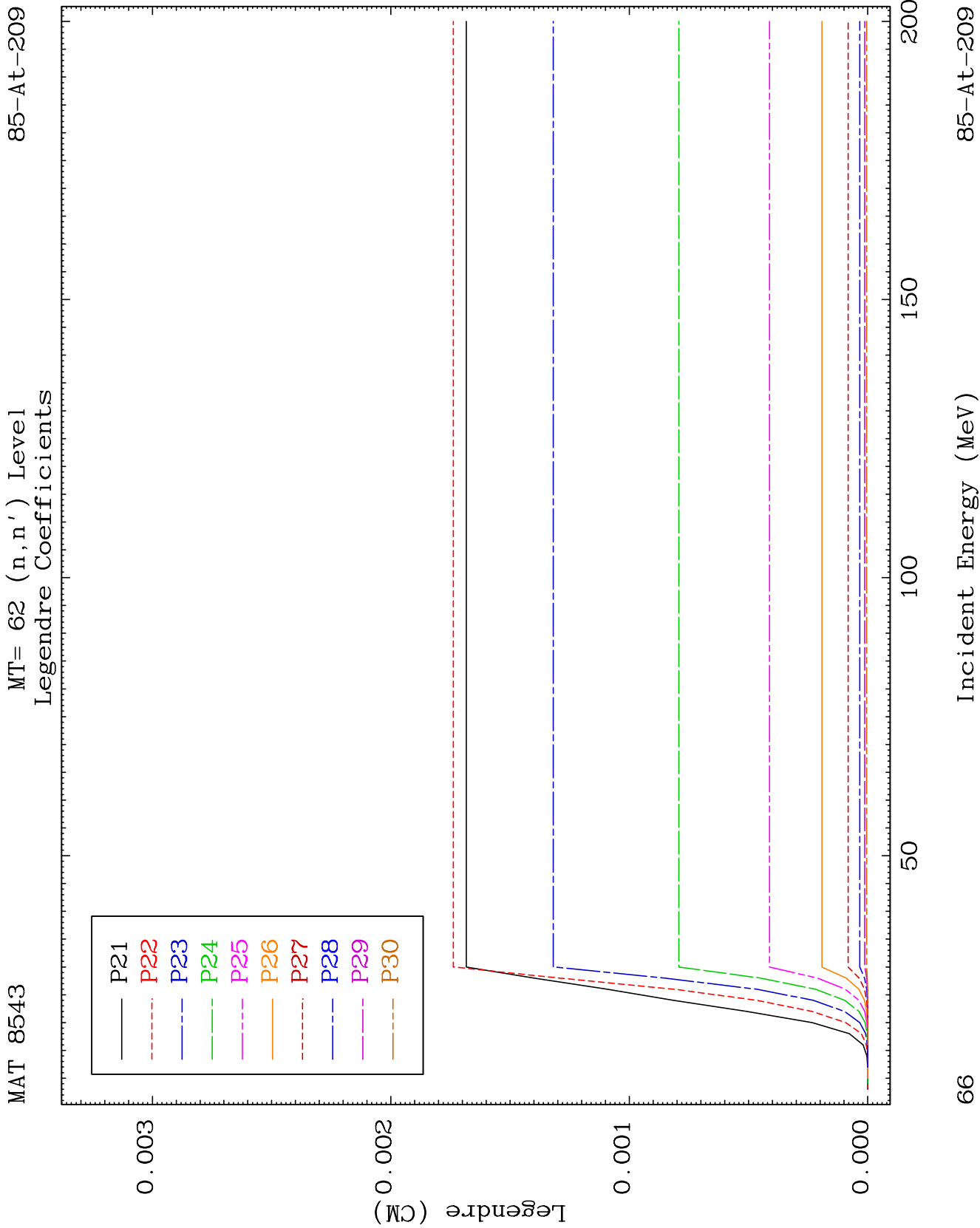


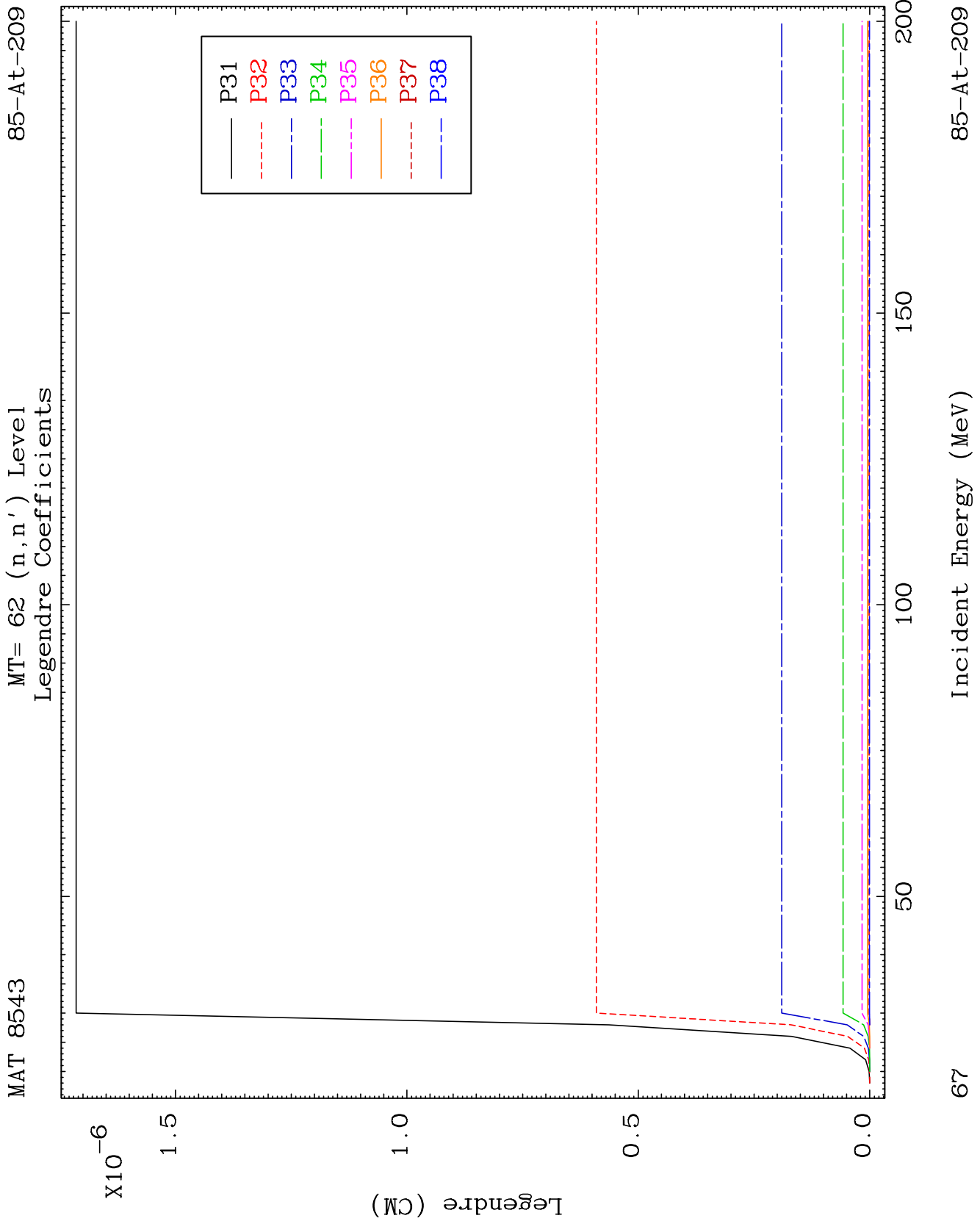
MAT 8543

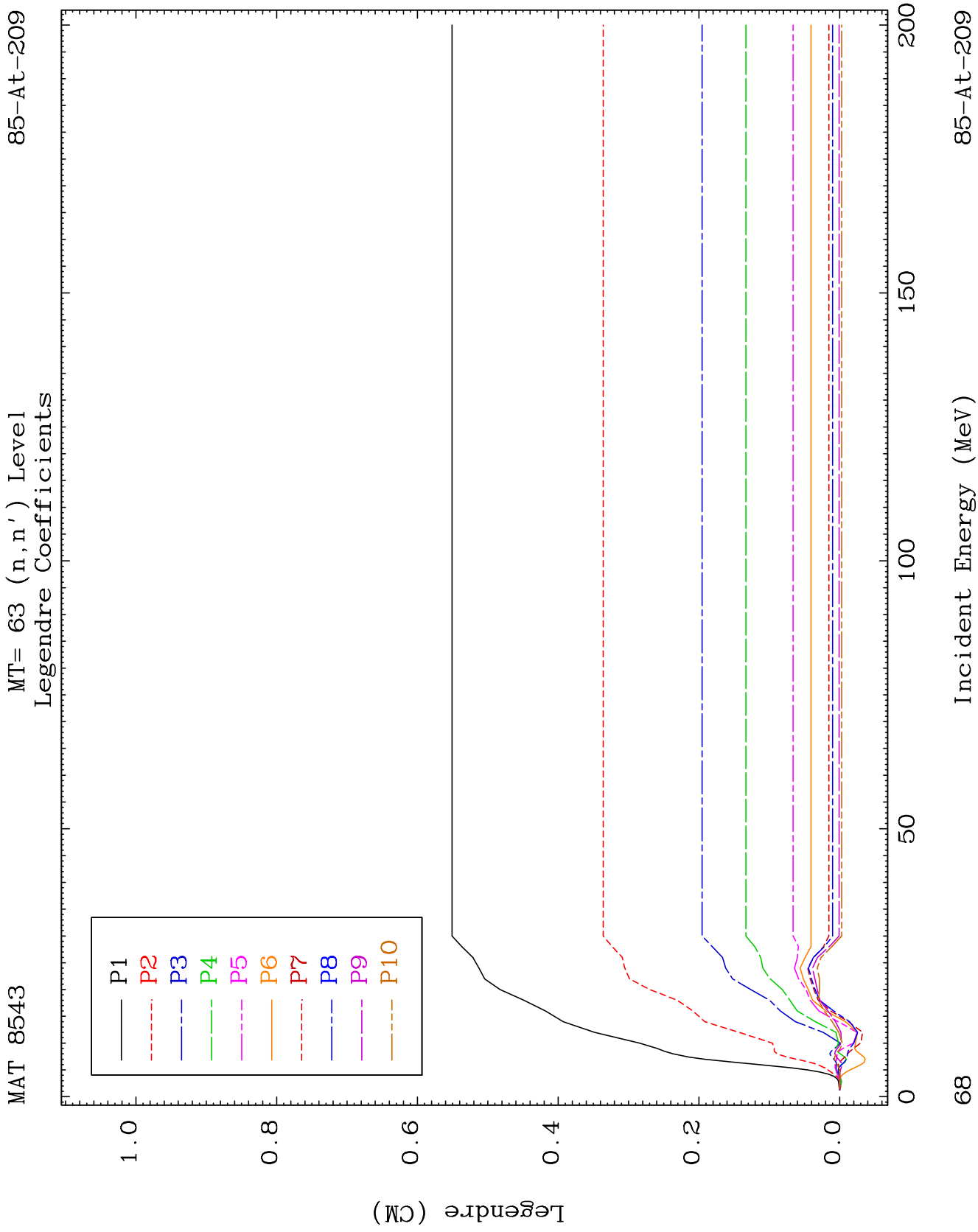
MT= 62 (n, n') Level  
Legendre Coefficients

85-At-209







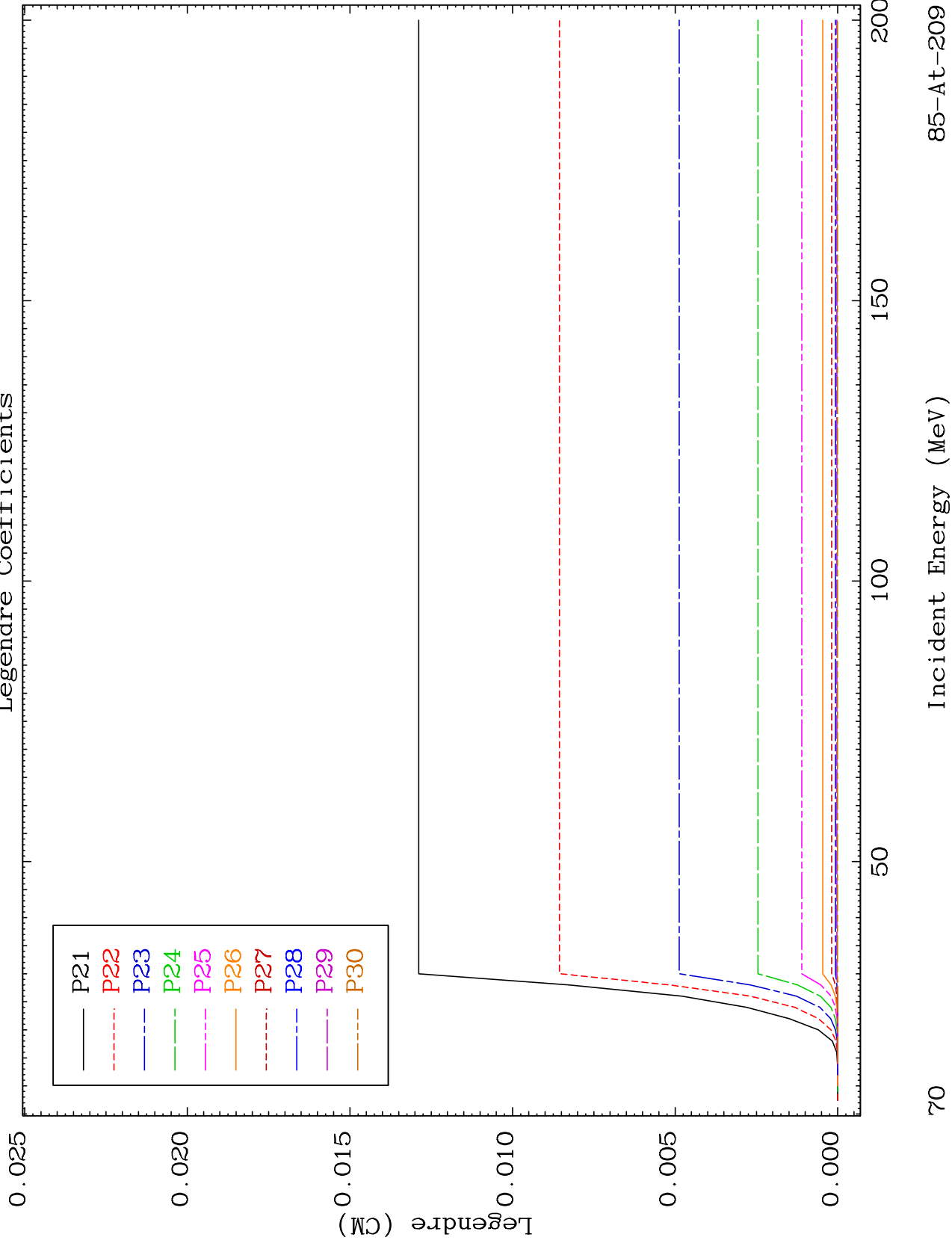


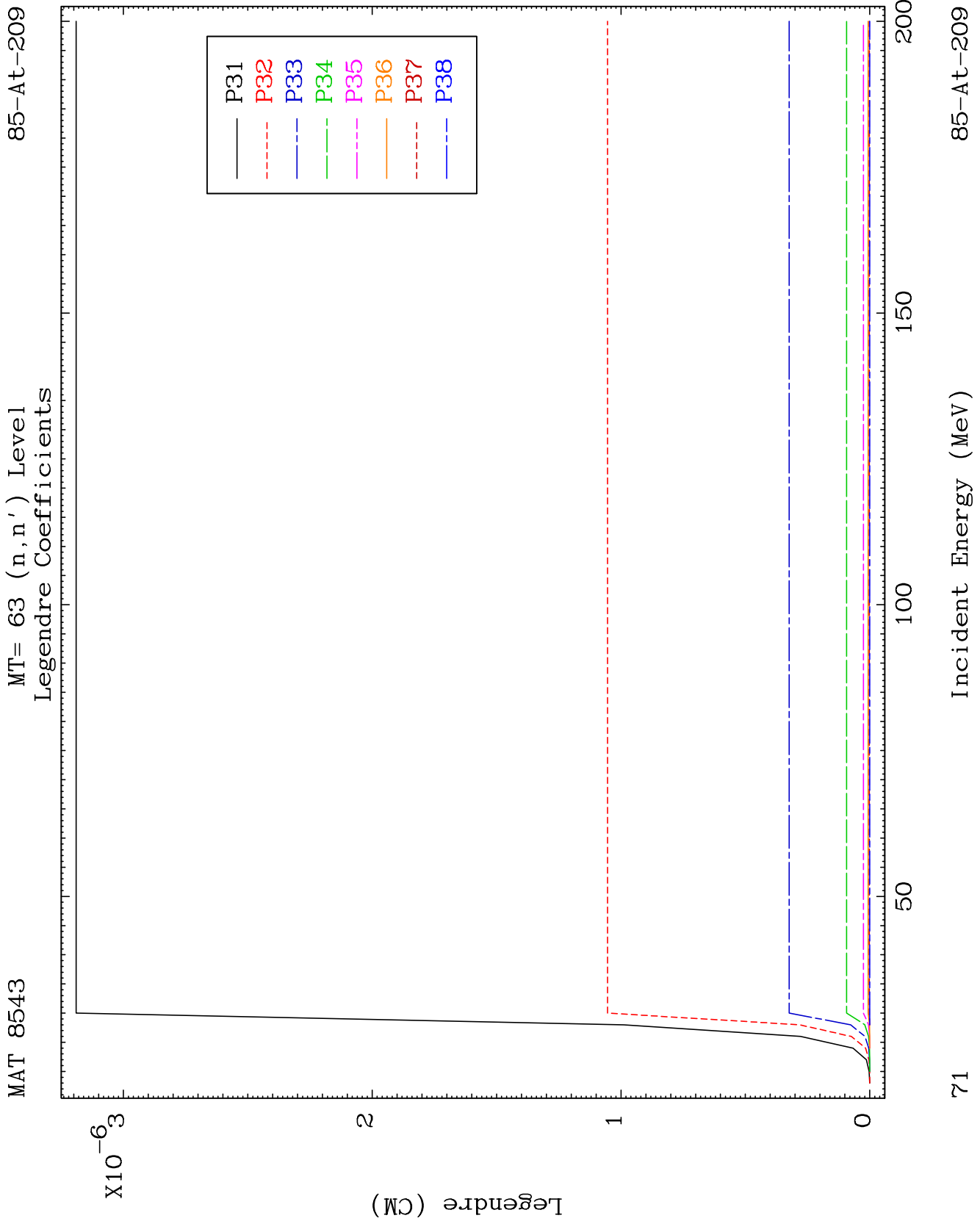


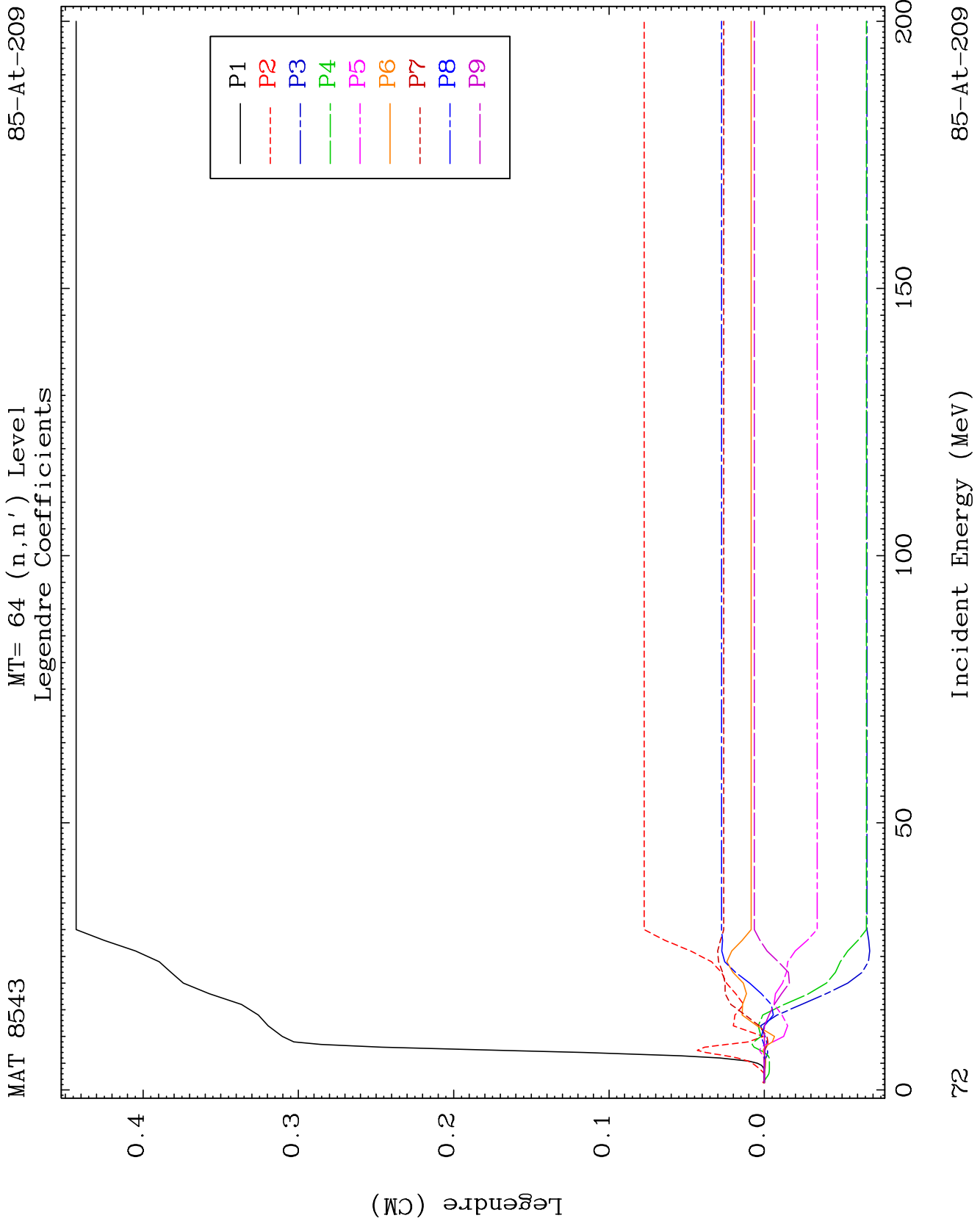
MAT 8543

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

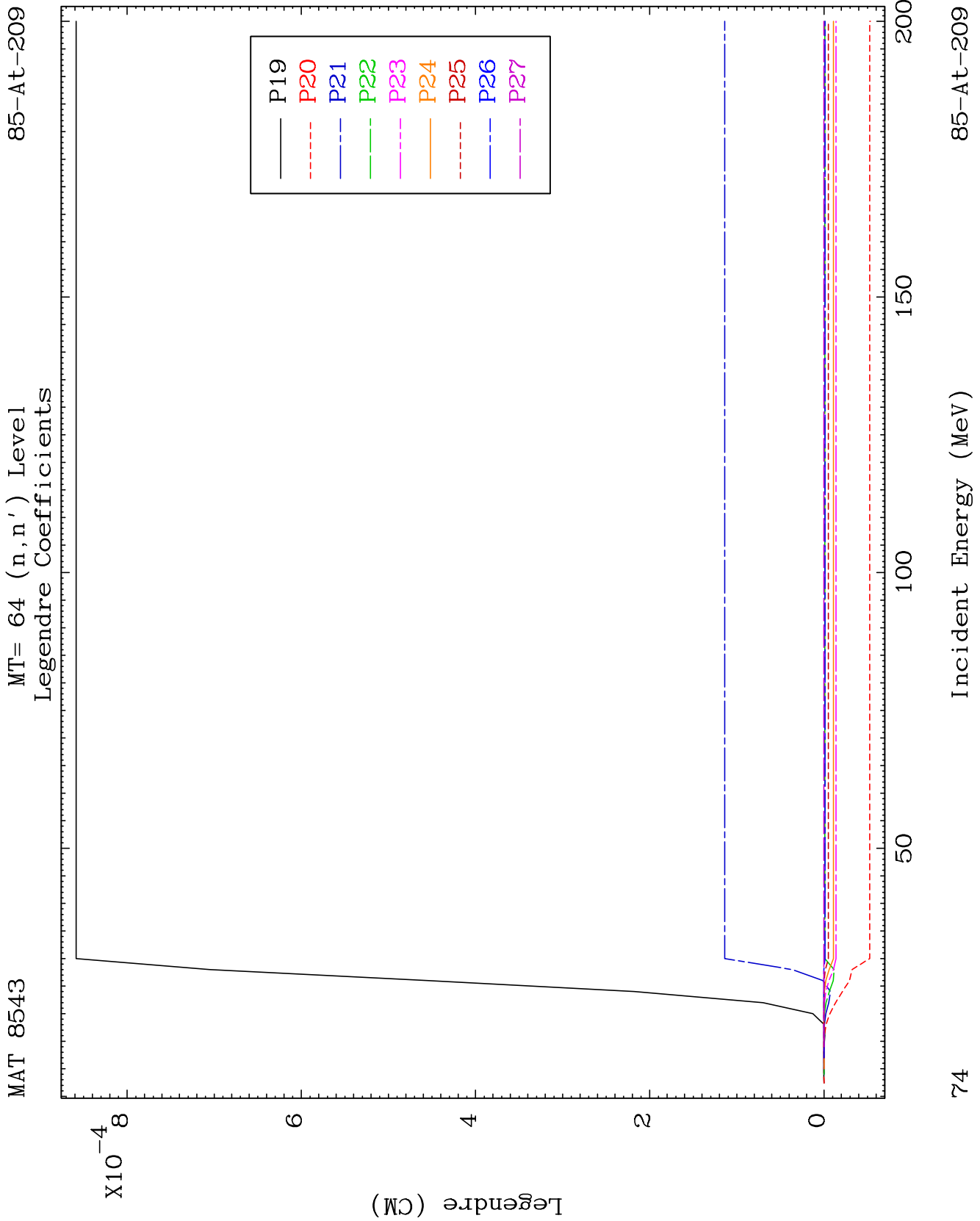
85-At-209



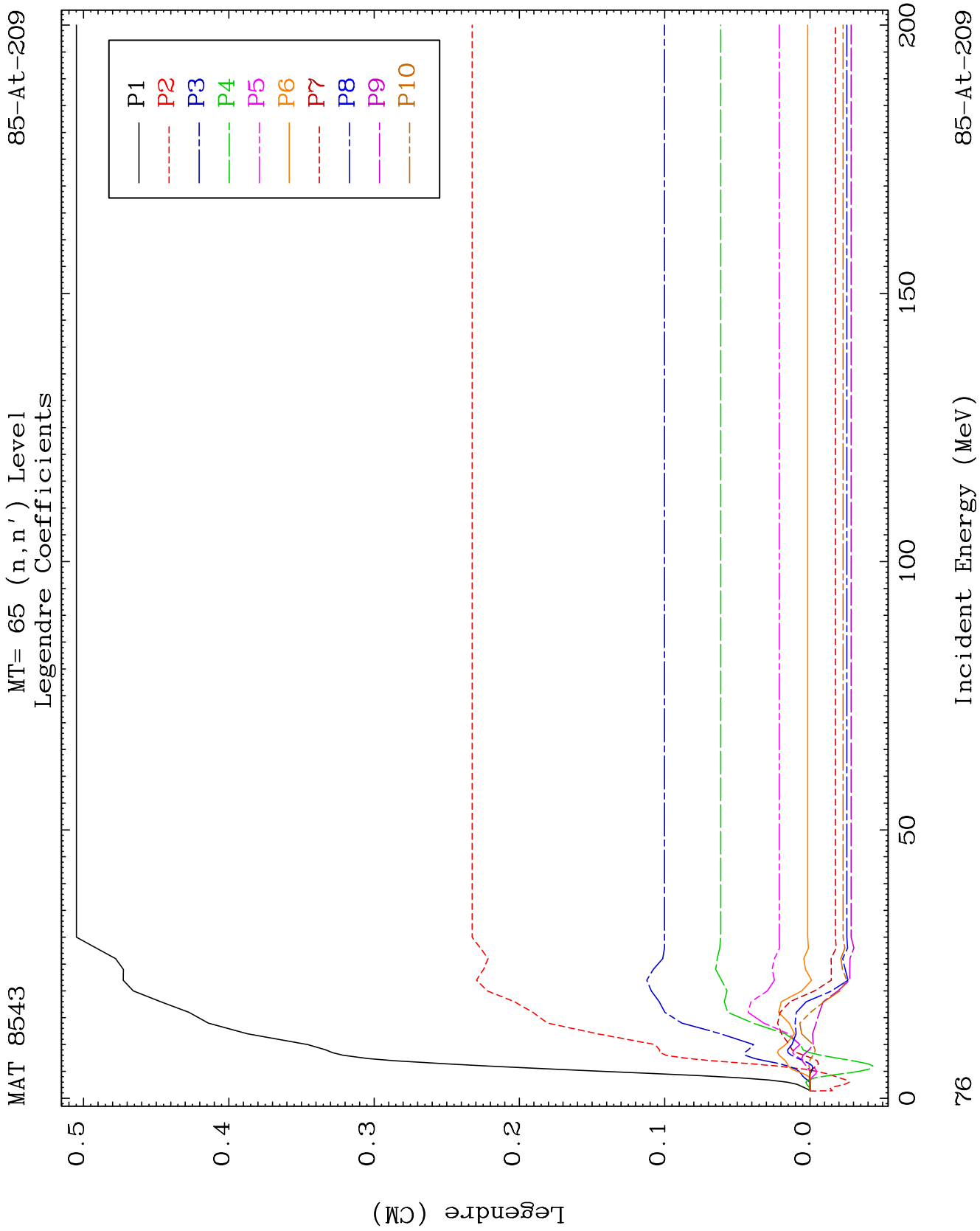








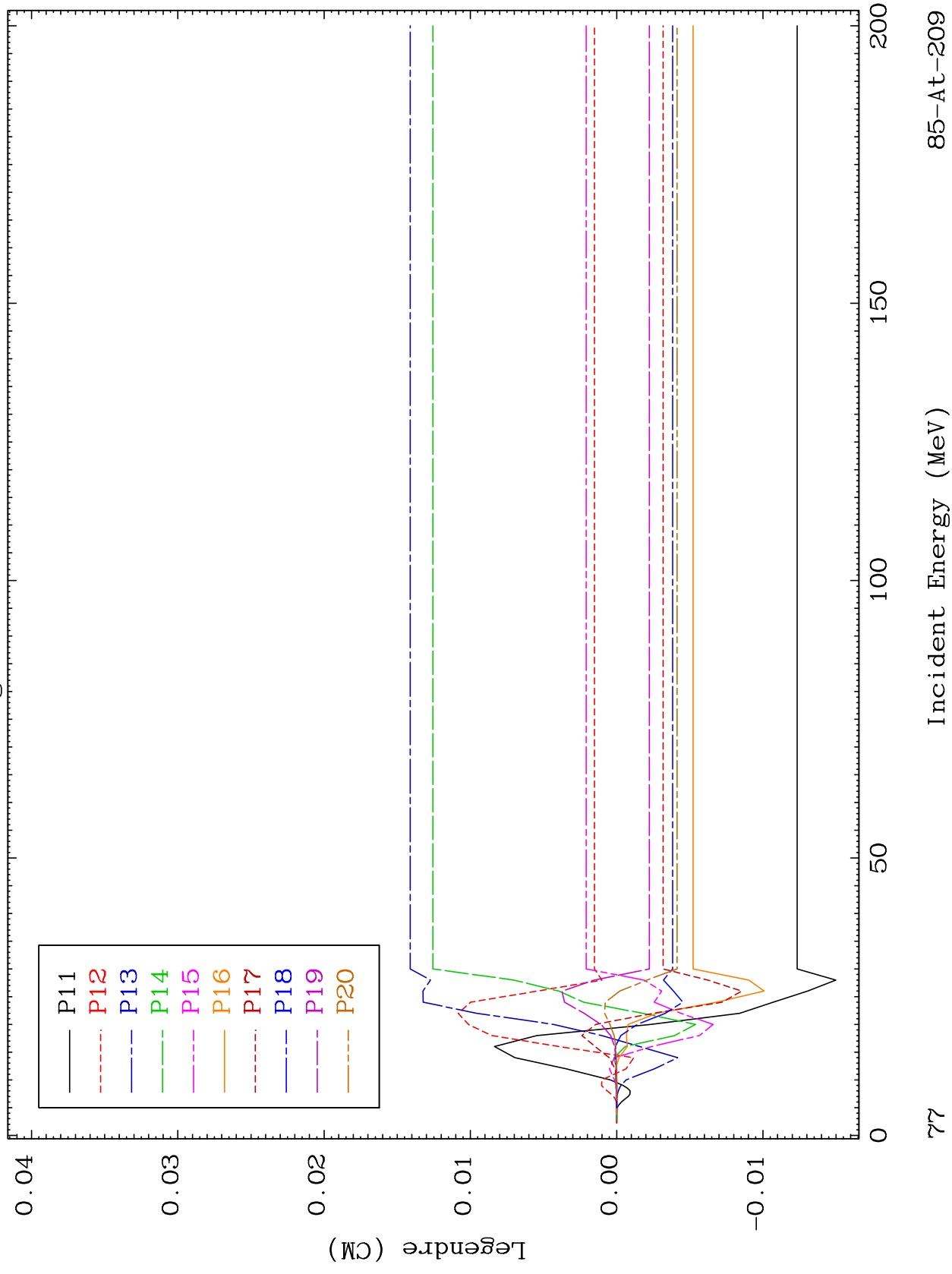


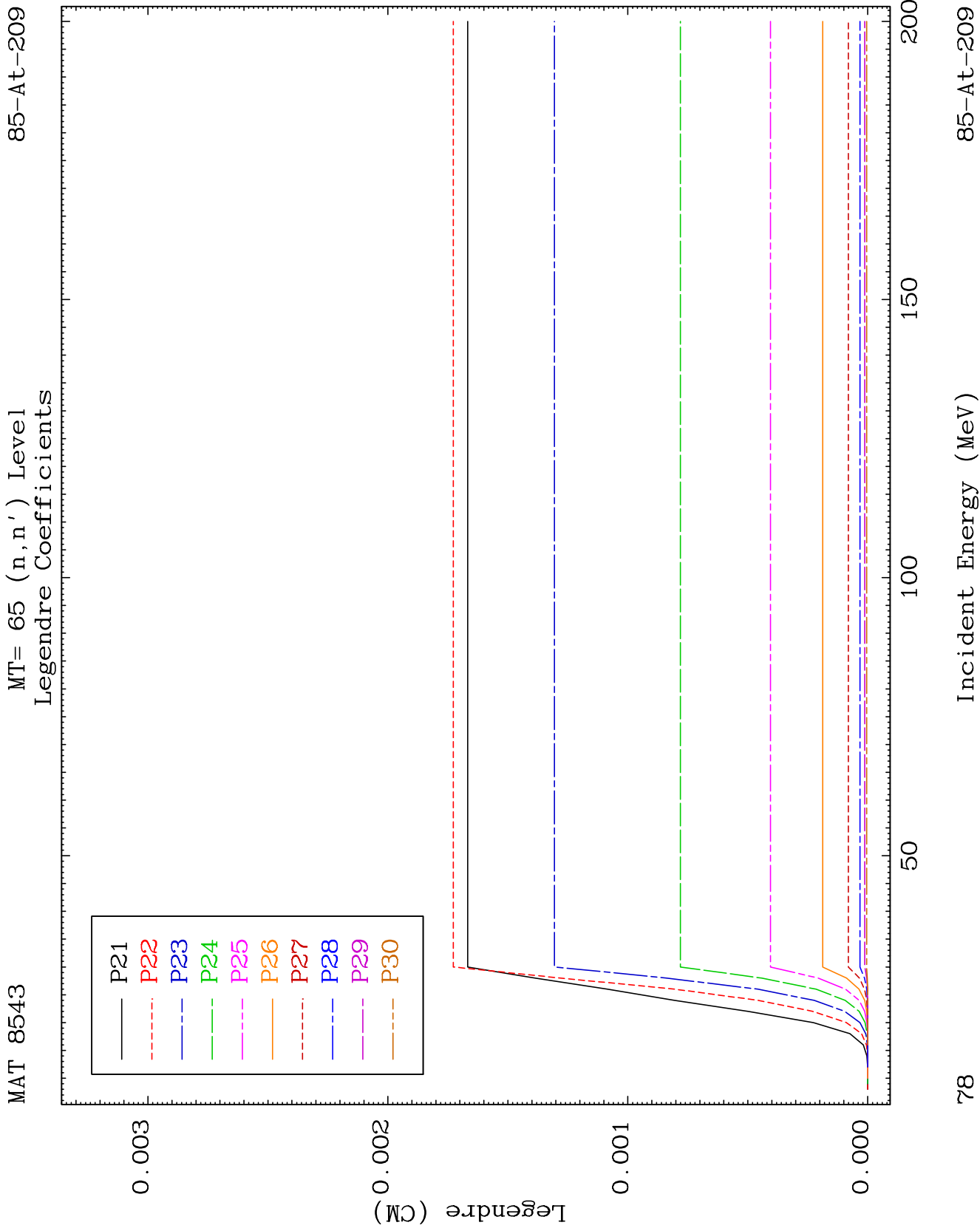


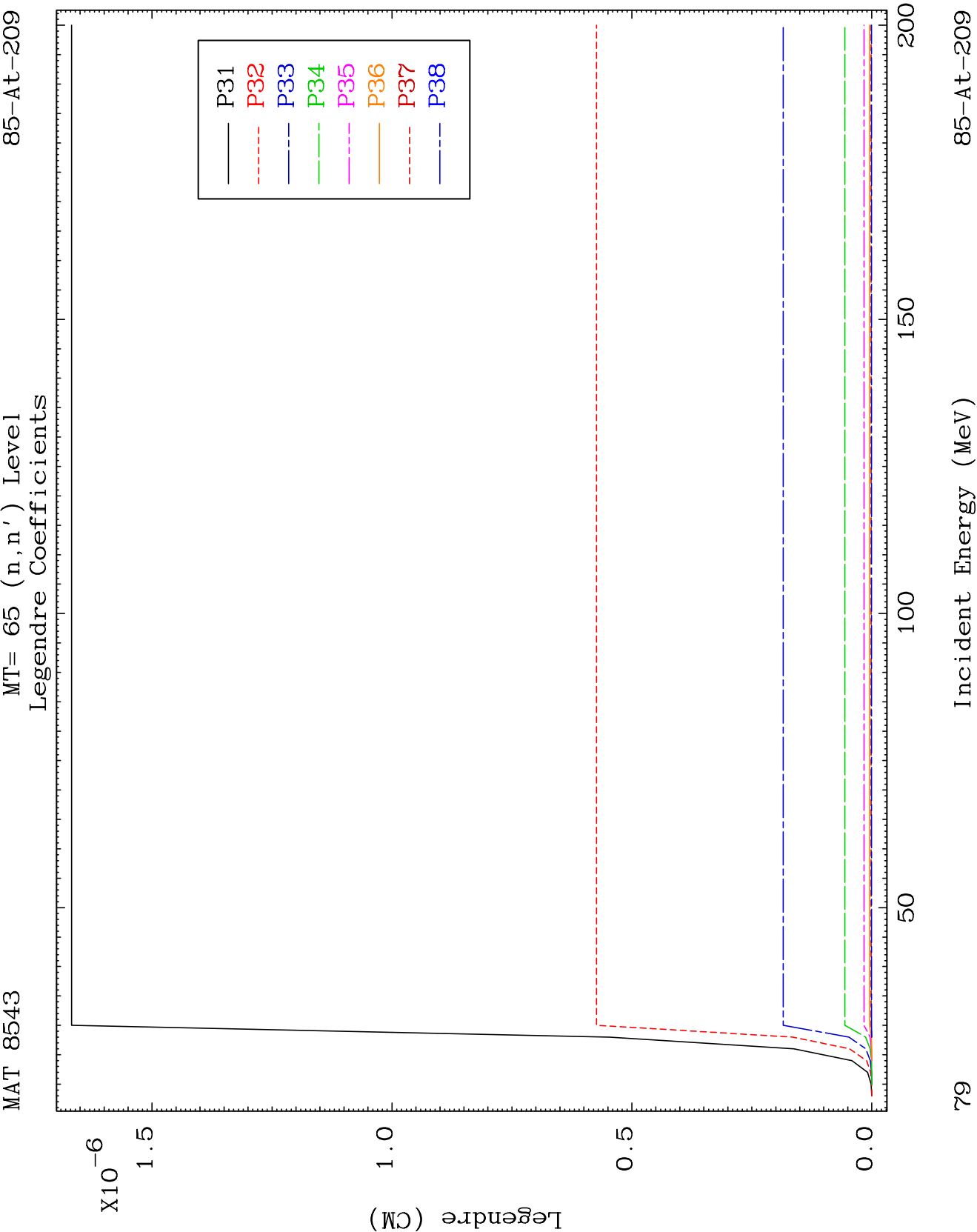
MAT 8543

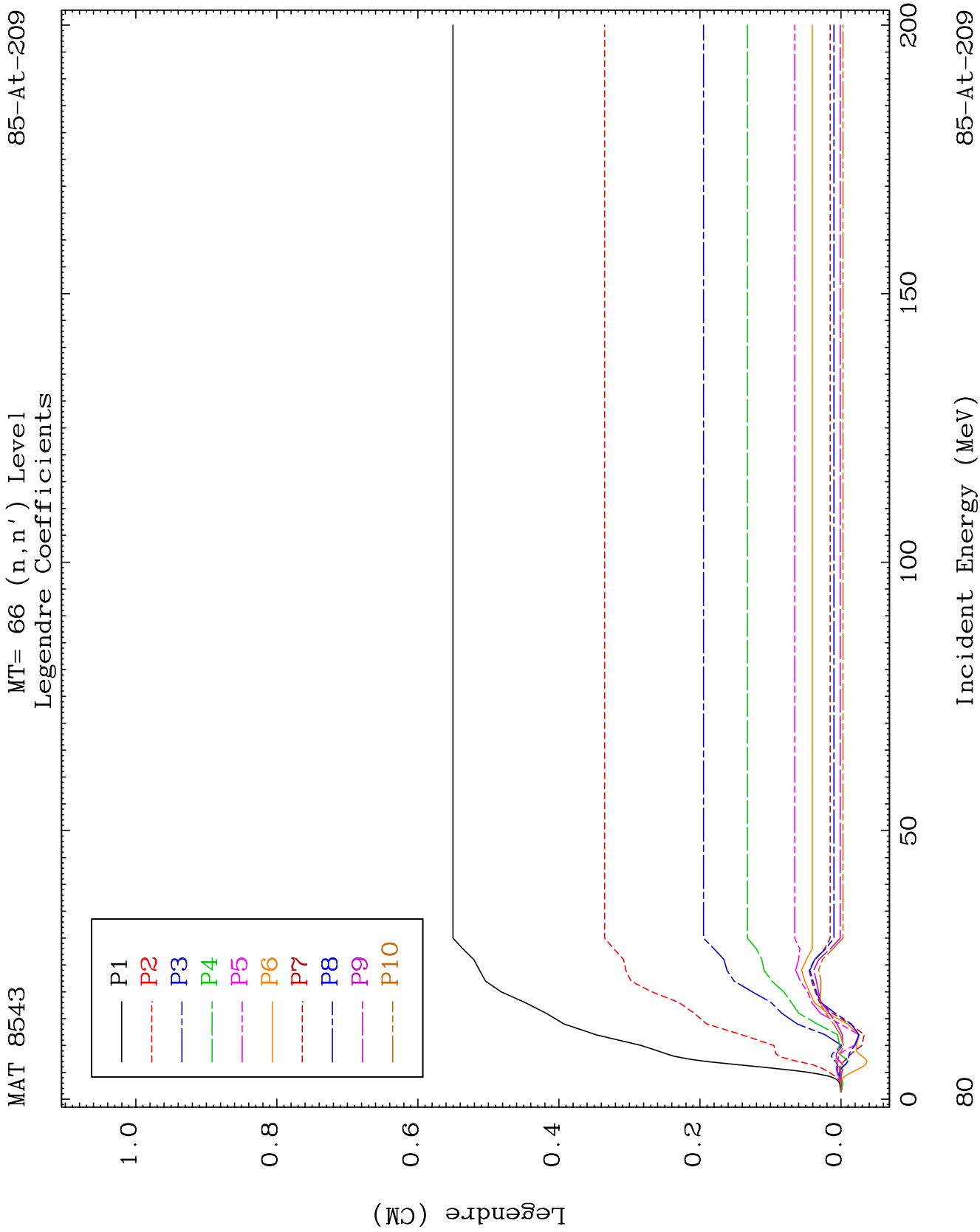
MT= 65 (n, n') Level  
Legendre Coefficients

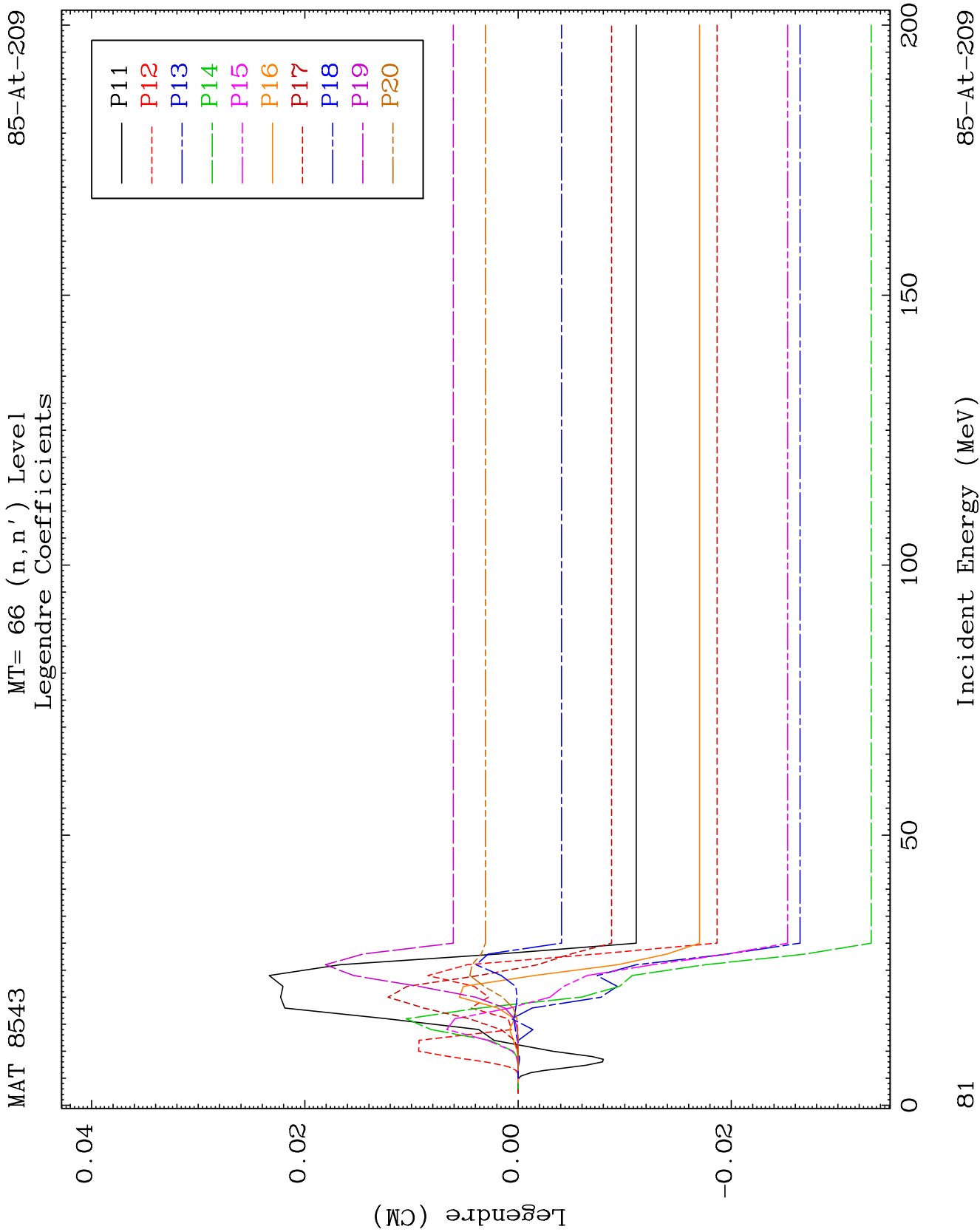
85-At-209

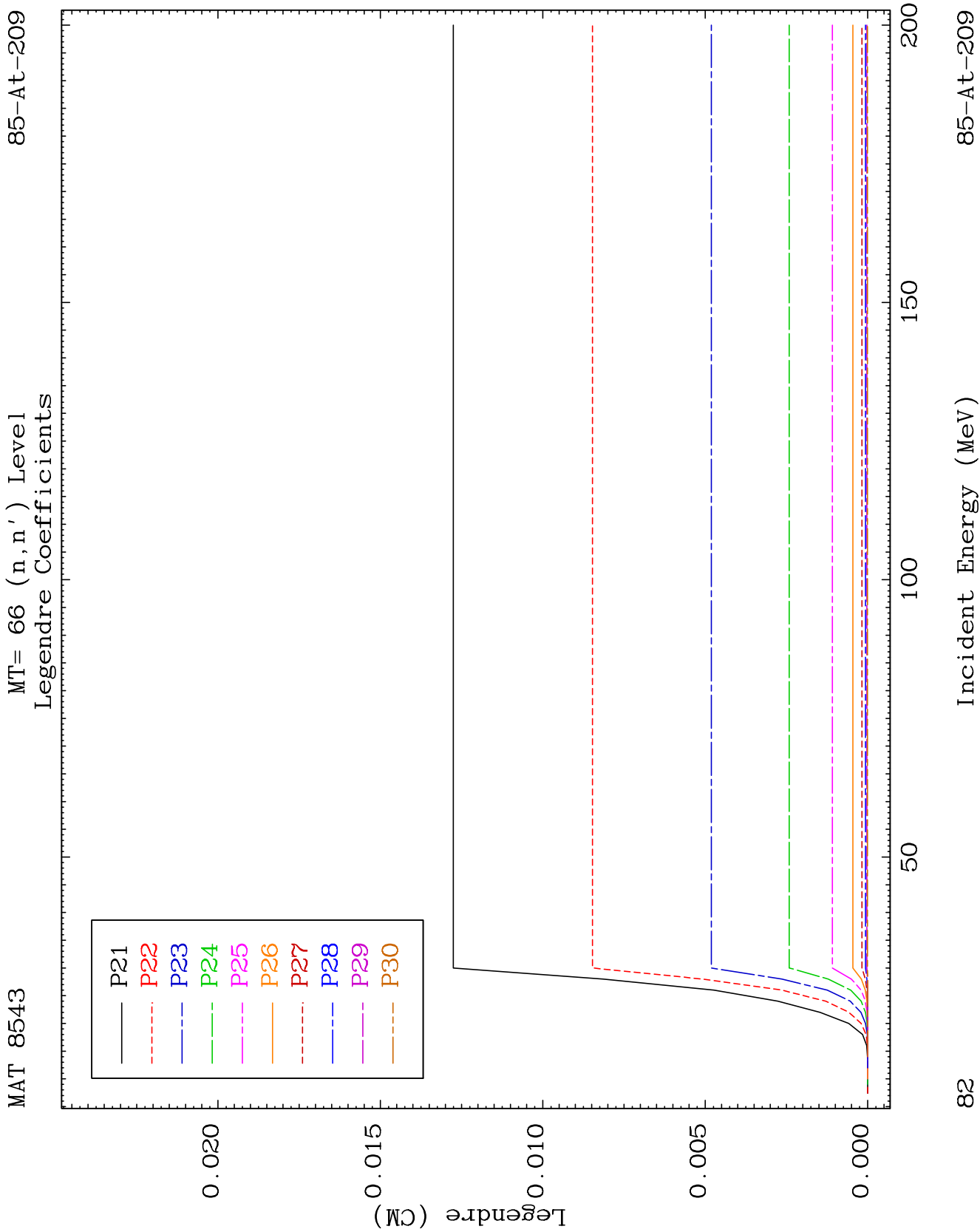


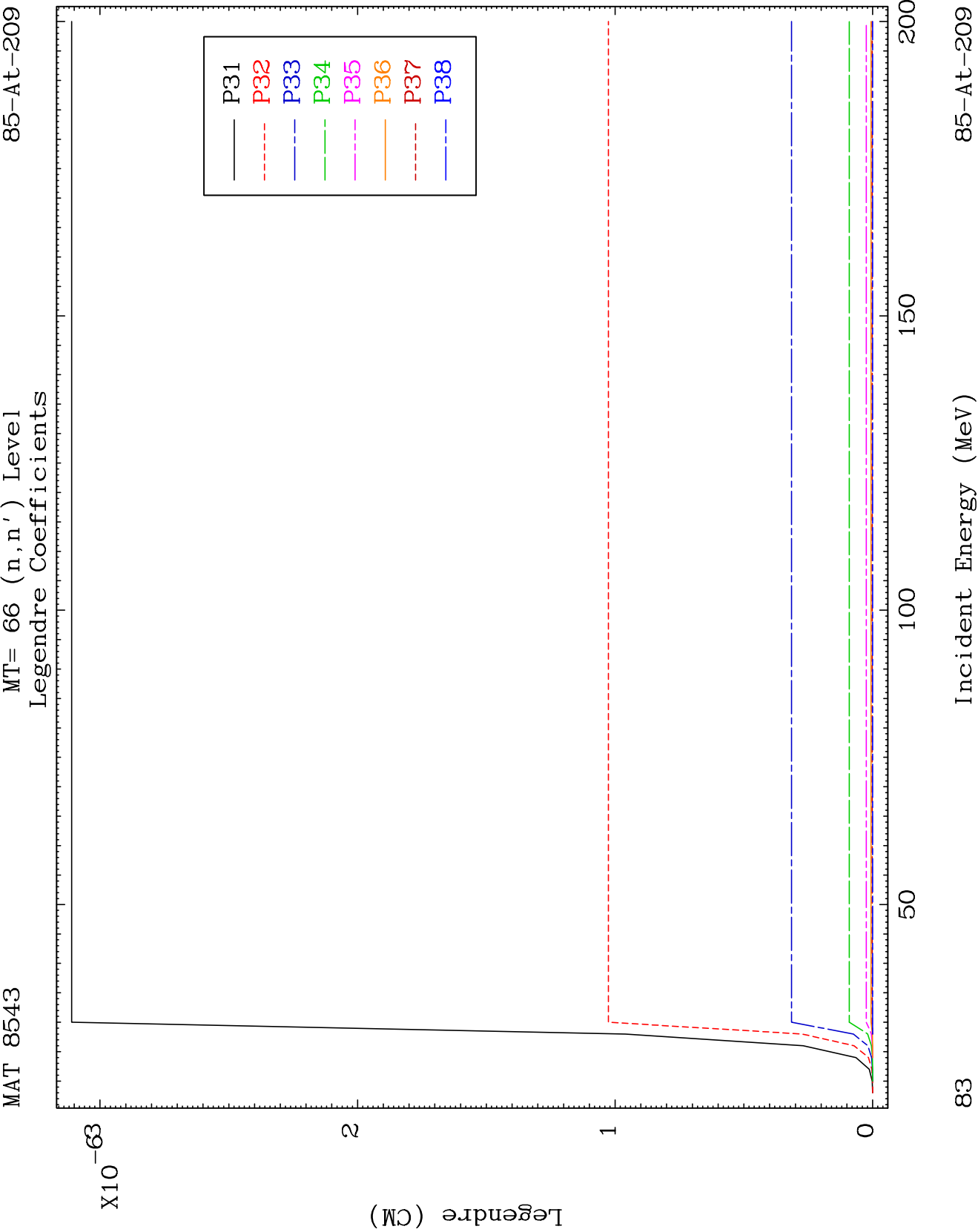


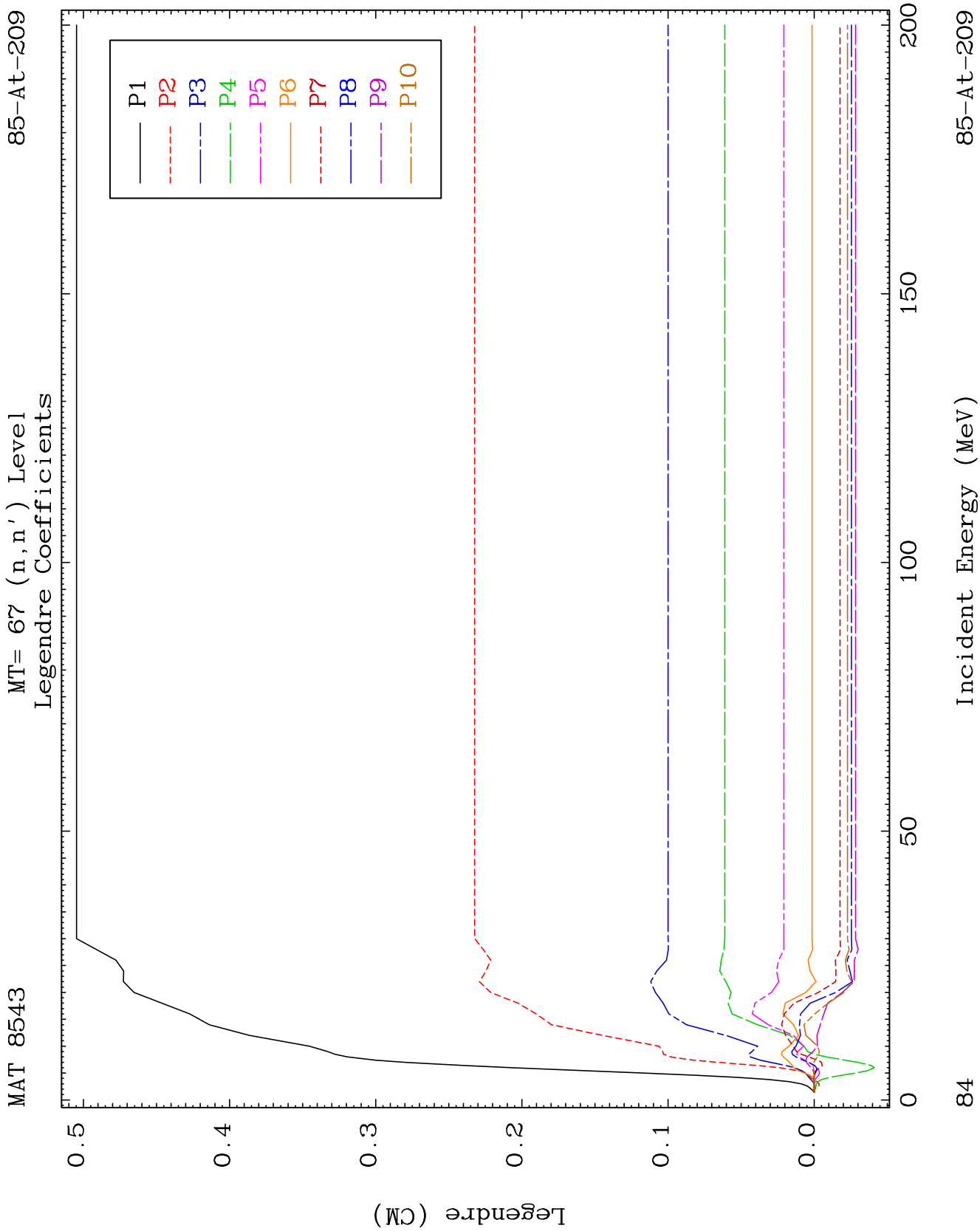








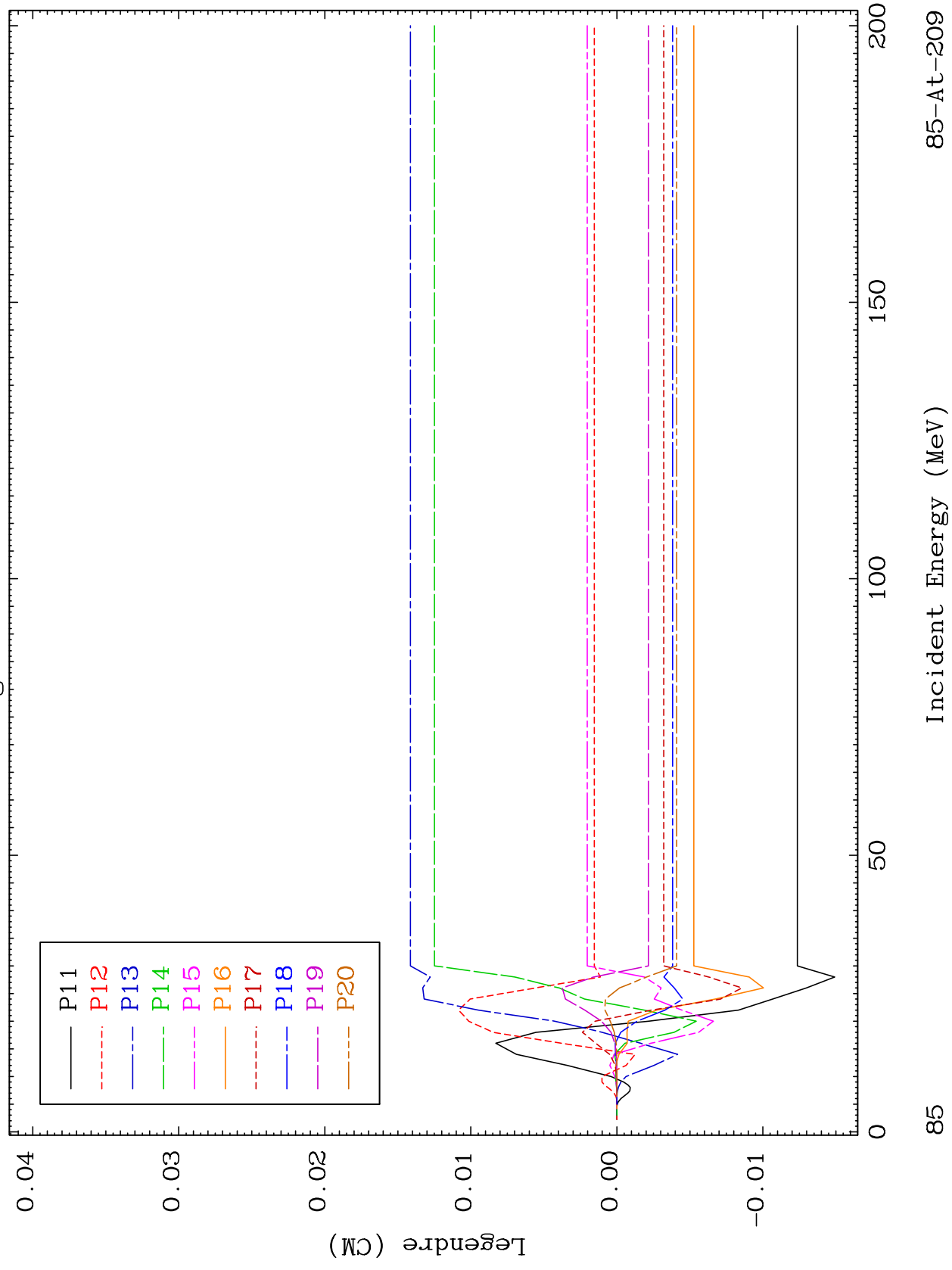


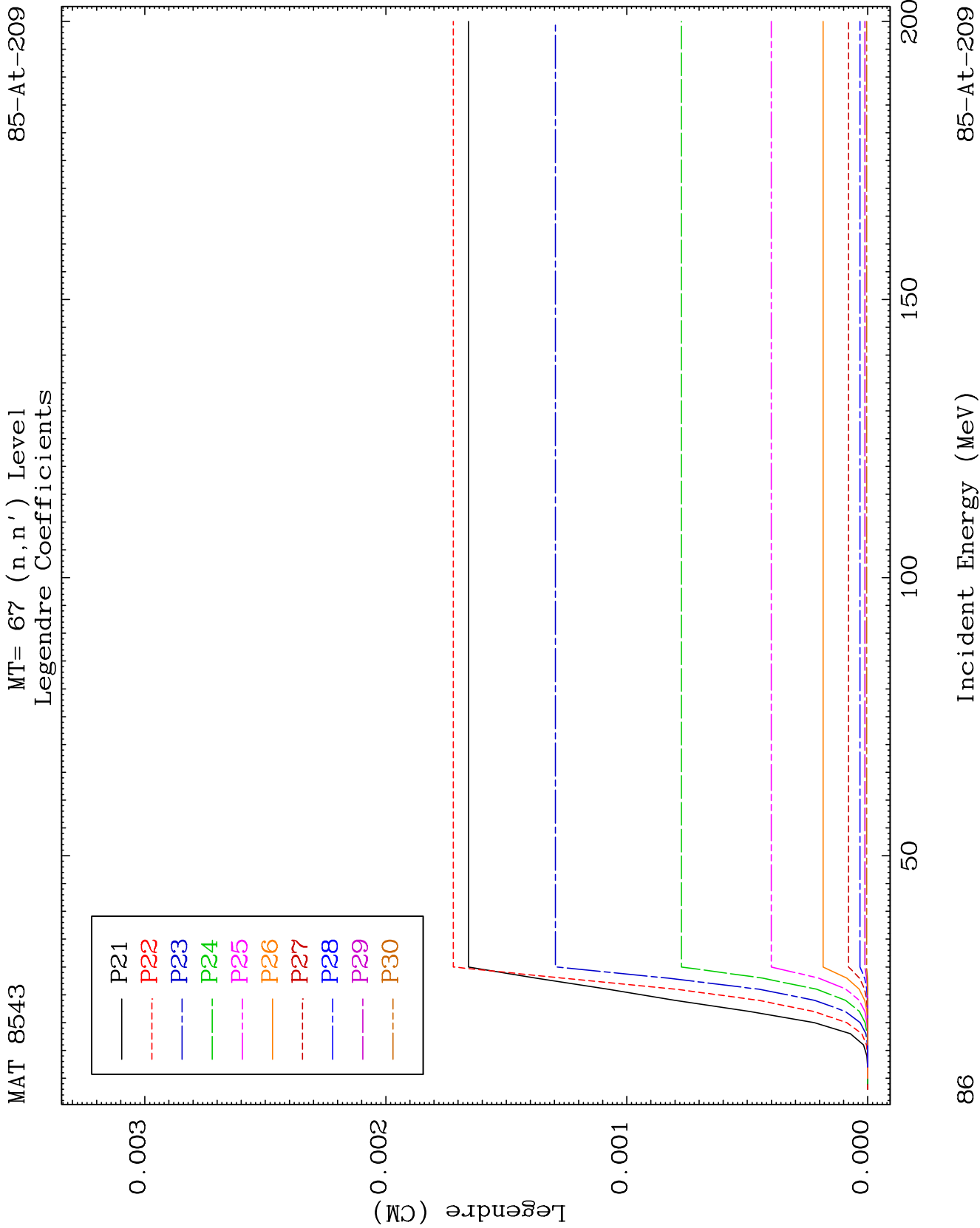


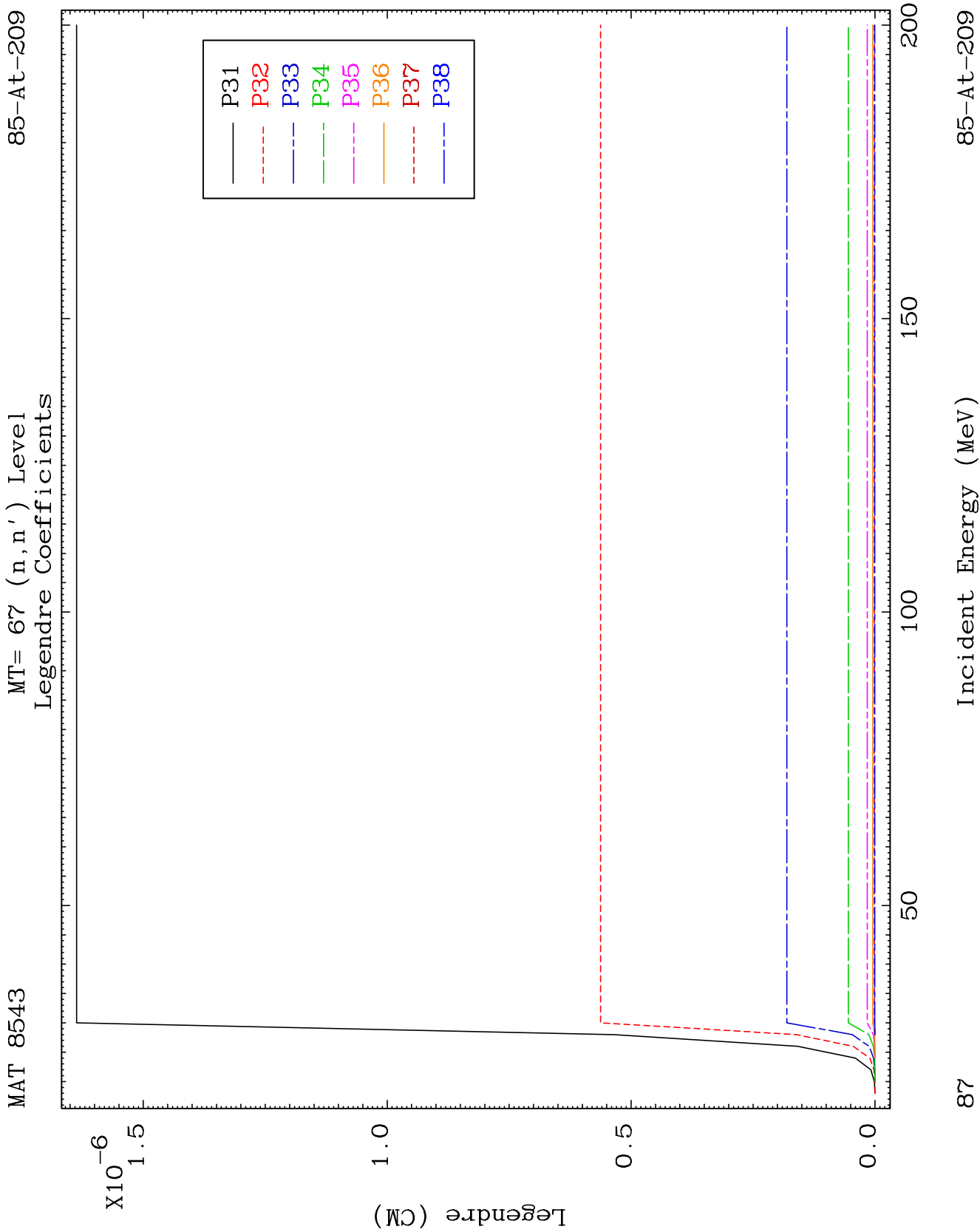
MAT 8543

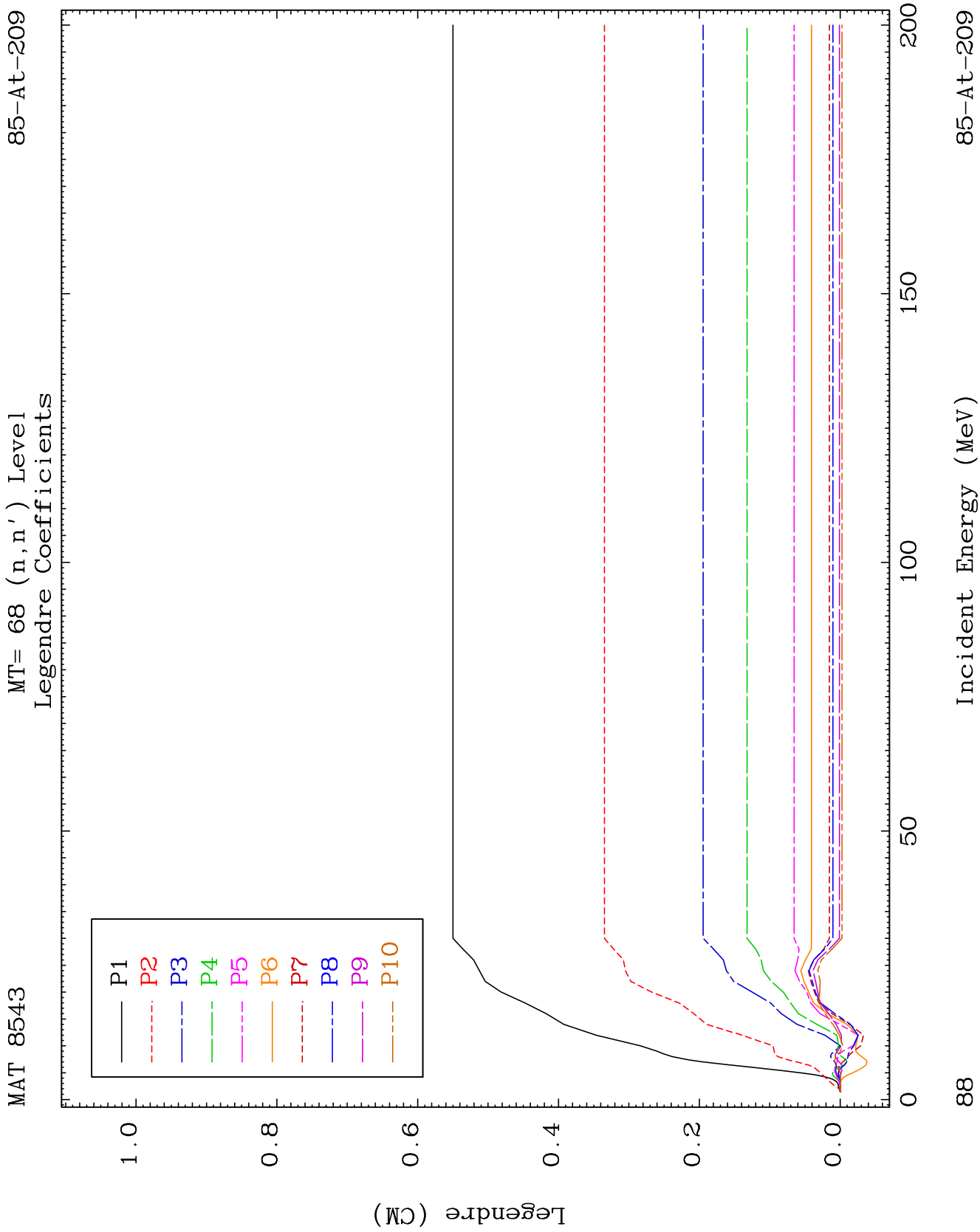
MT= 67 (n, n') Level  
Legendre Coefficients

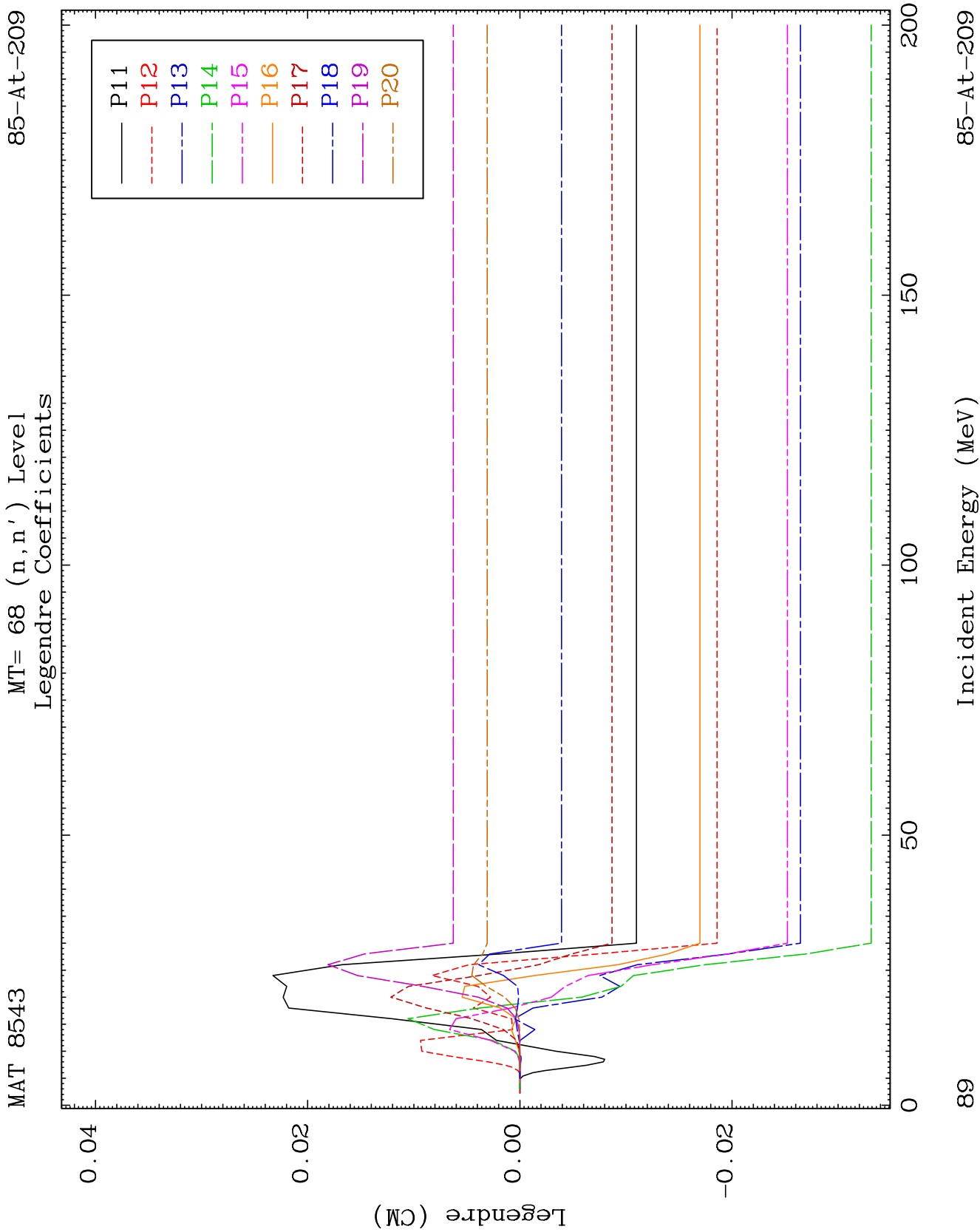
85-At-209







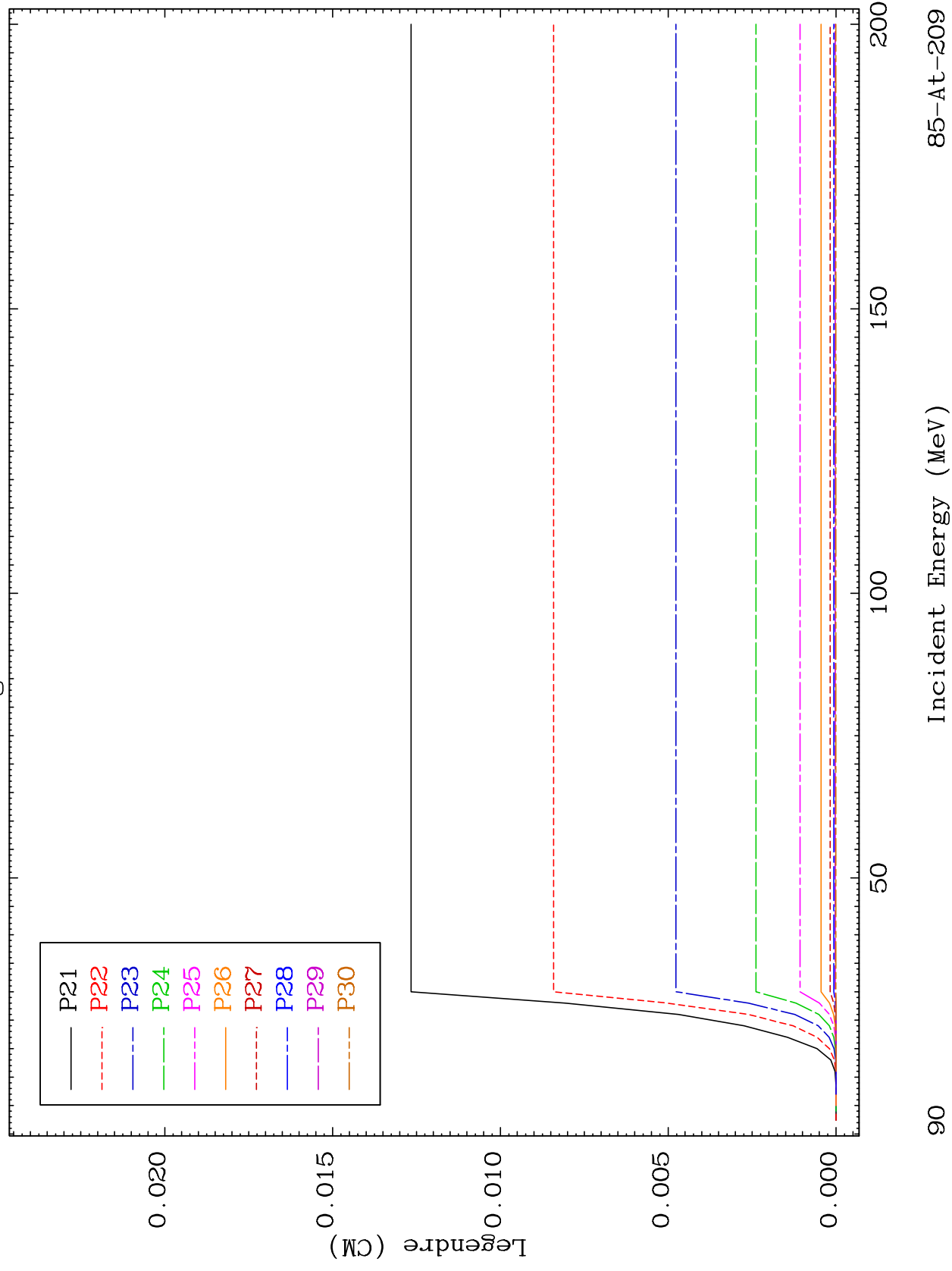


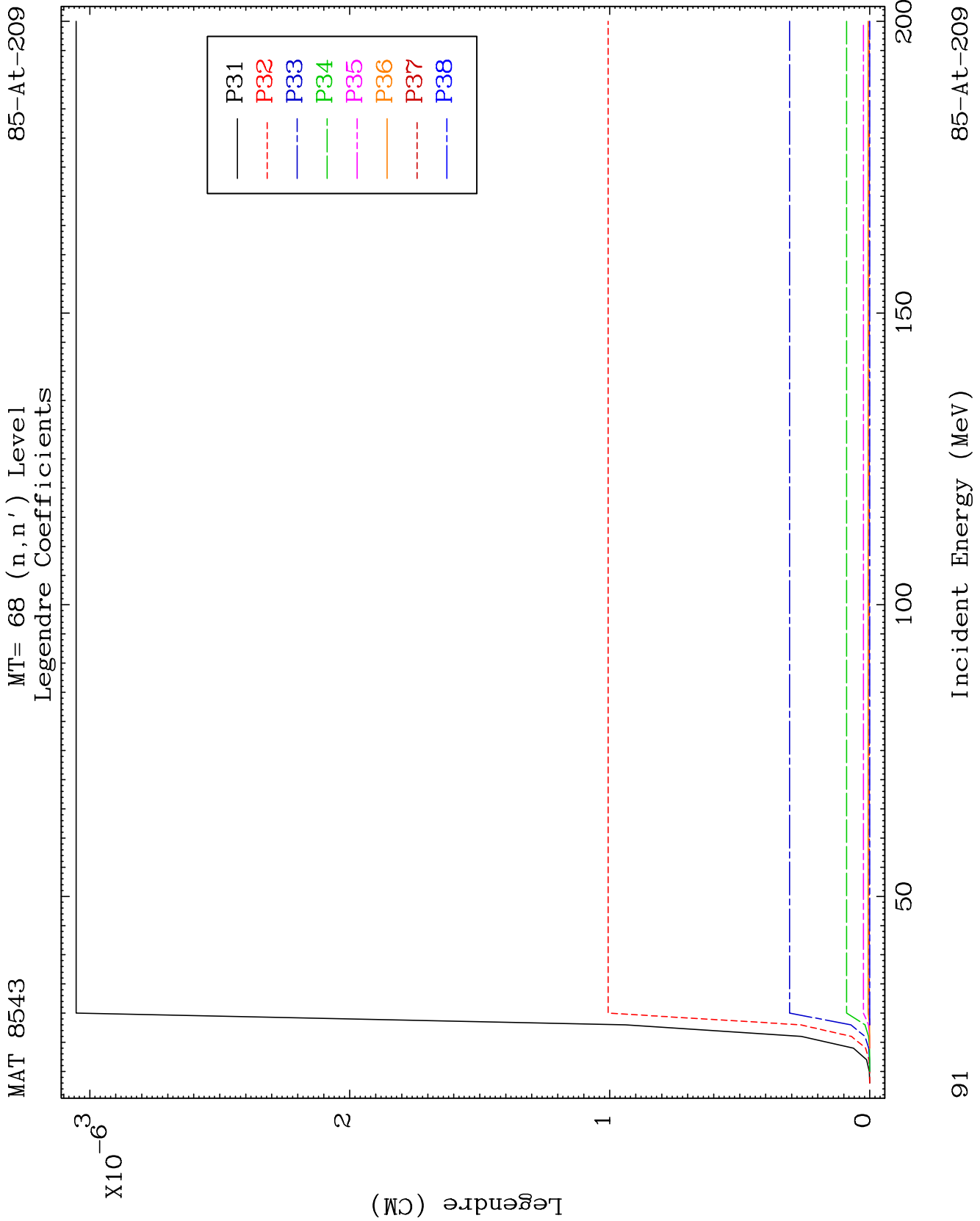


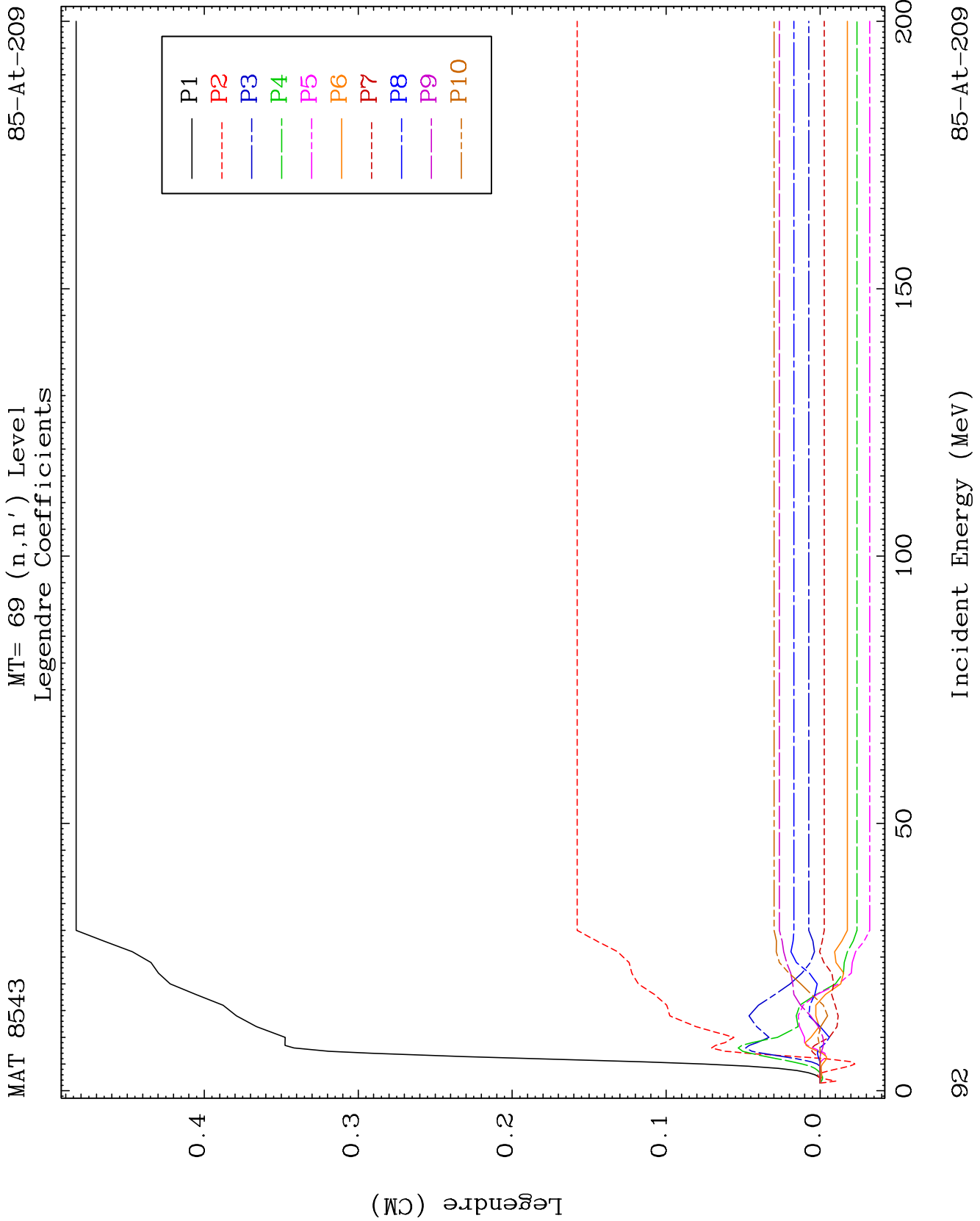
MAT 8543

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

85-At-209



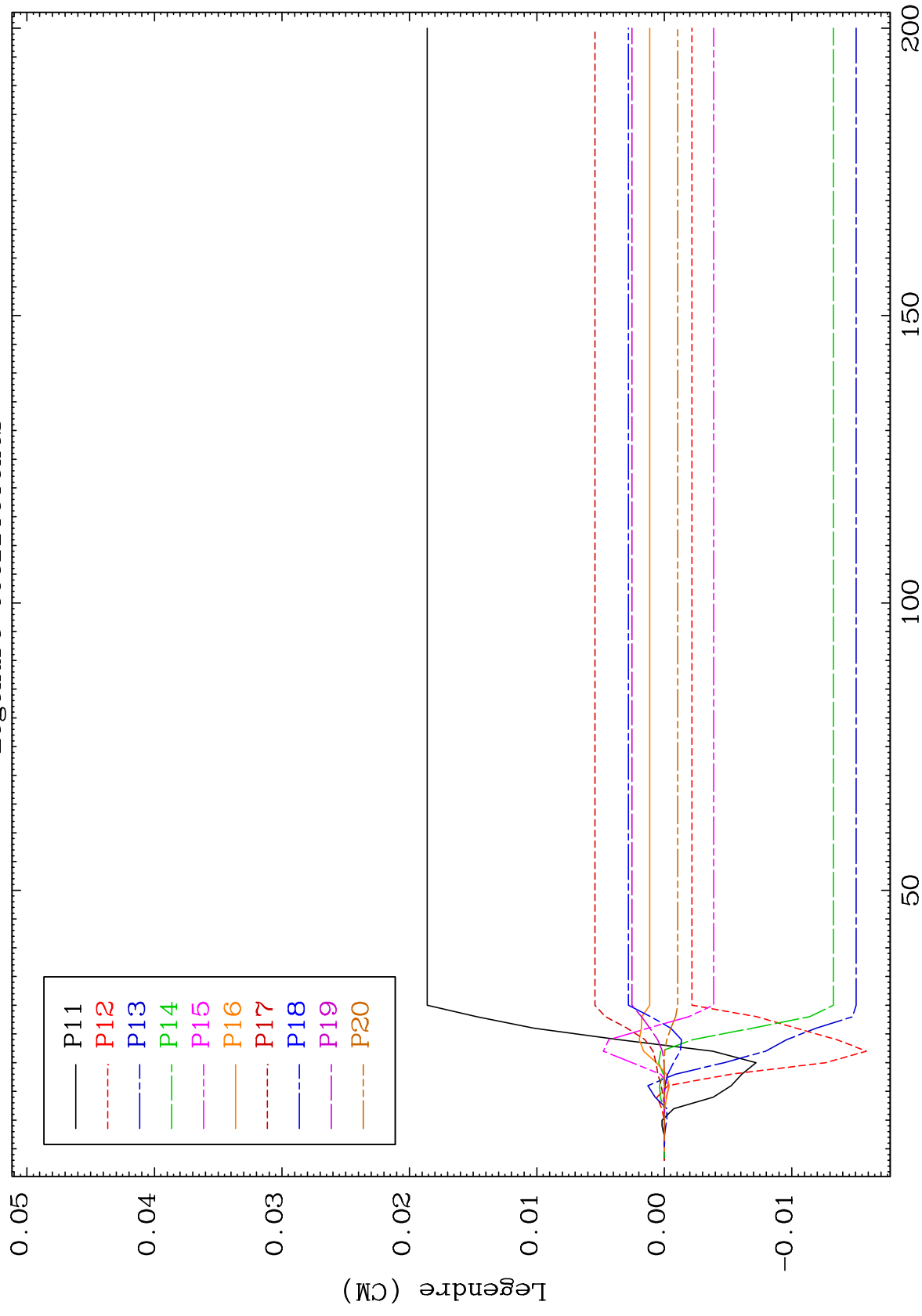




MAT 8543

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

85-At-209

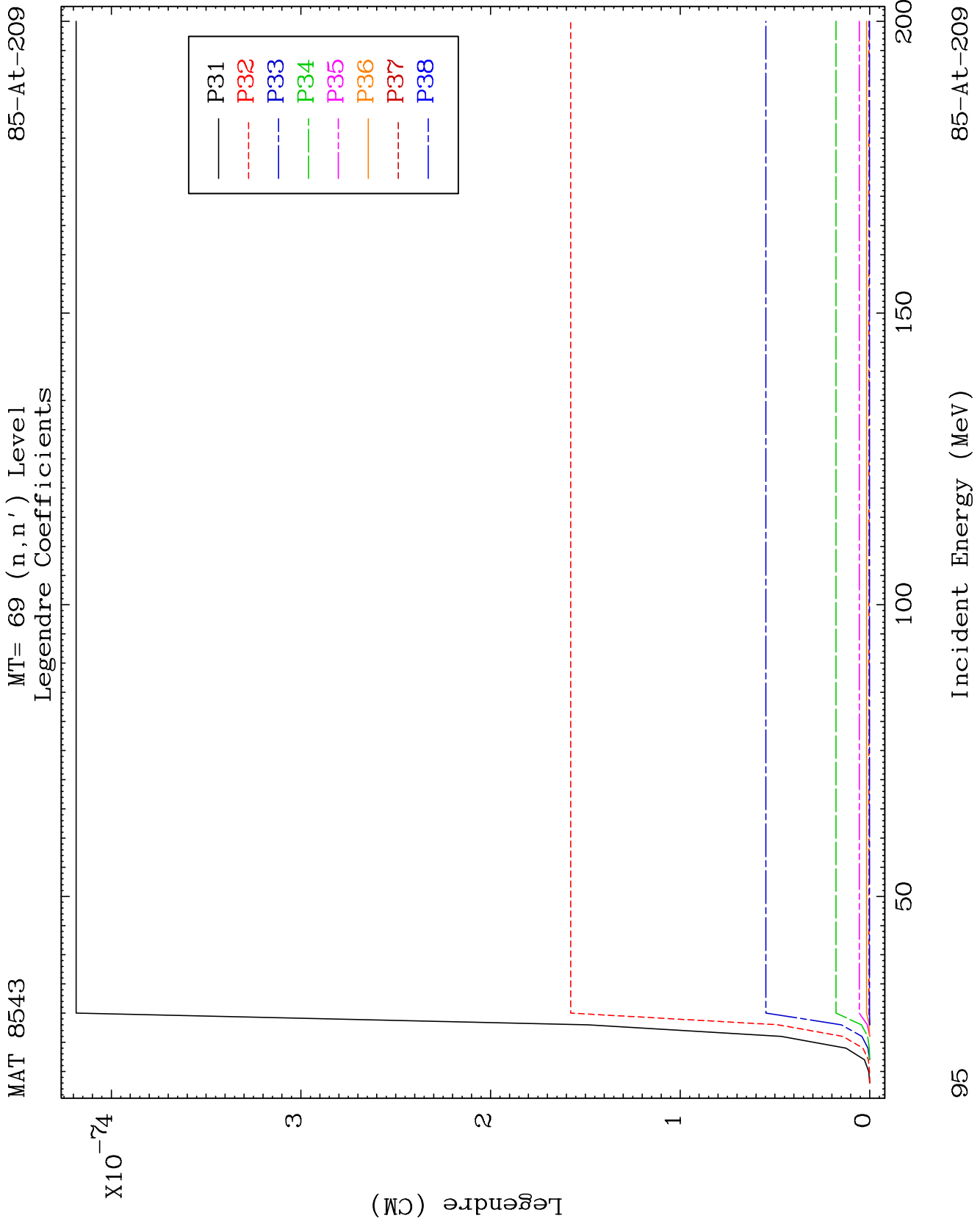


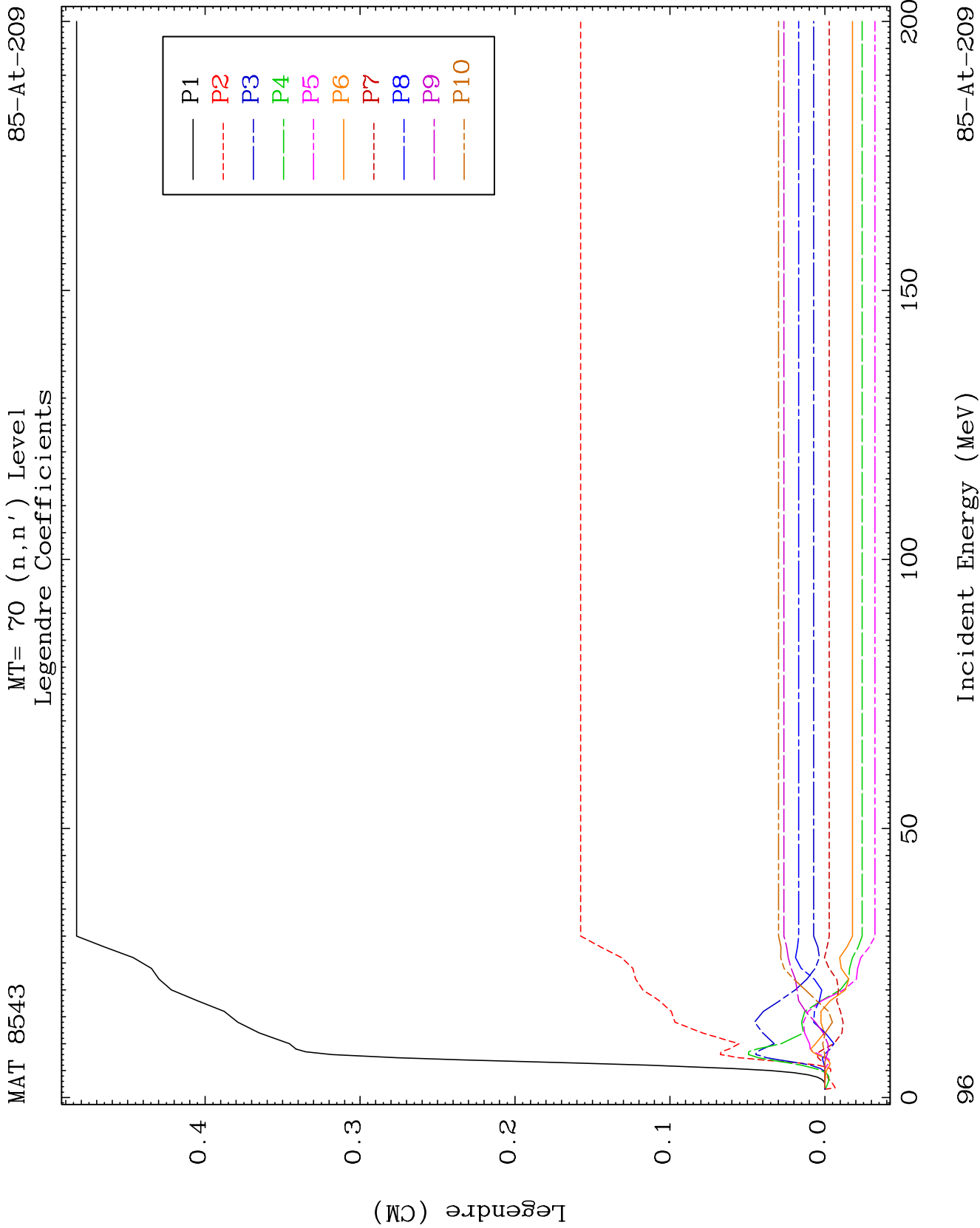
39

Incident Energy (MeV)

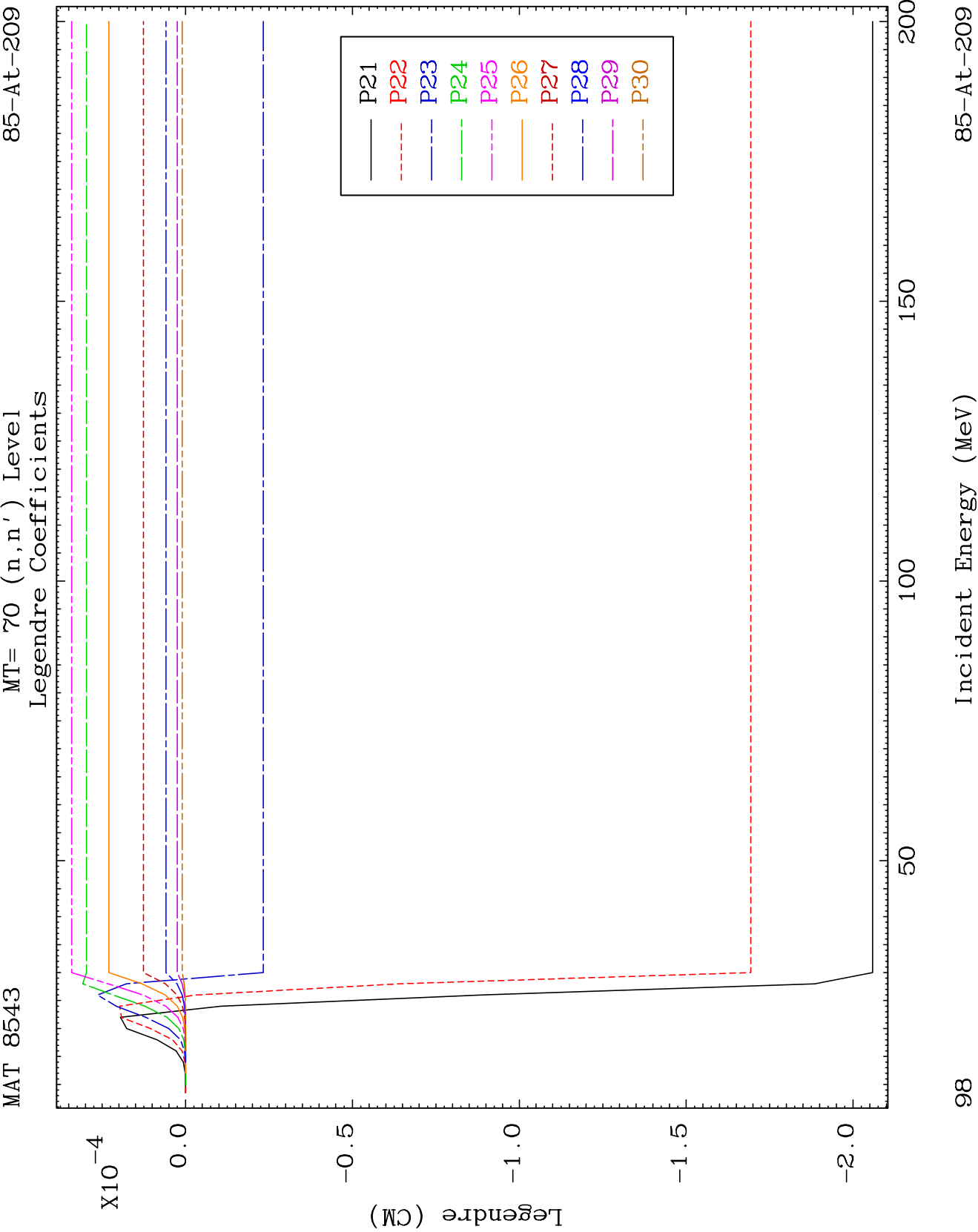
85-At-209

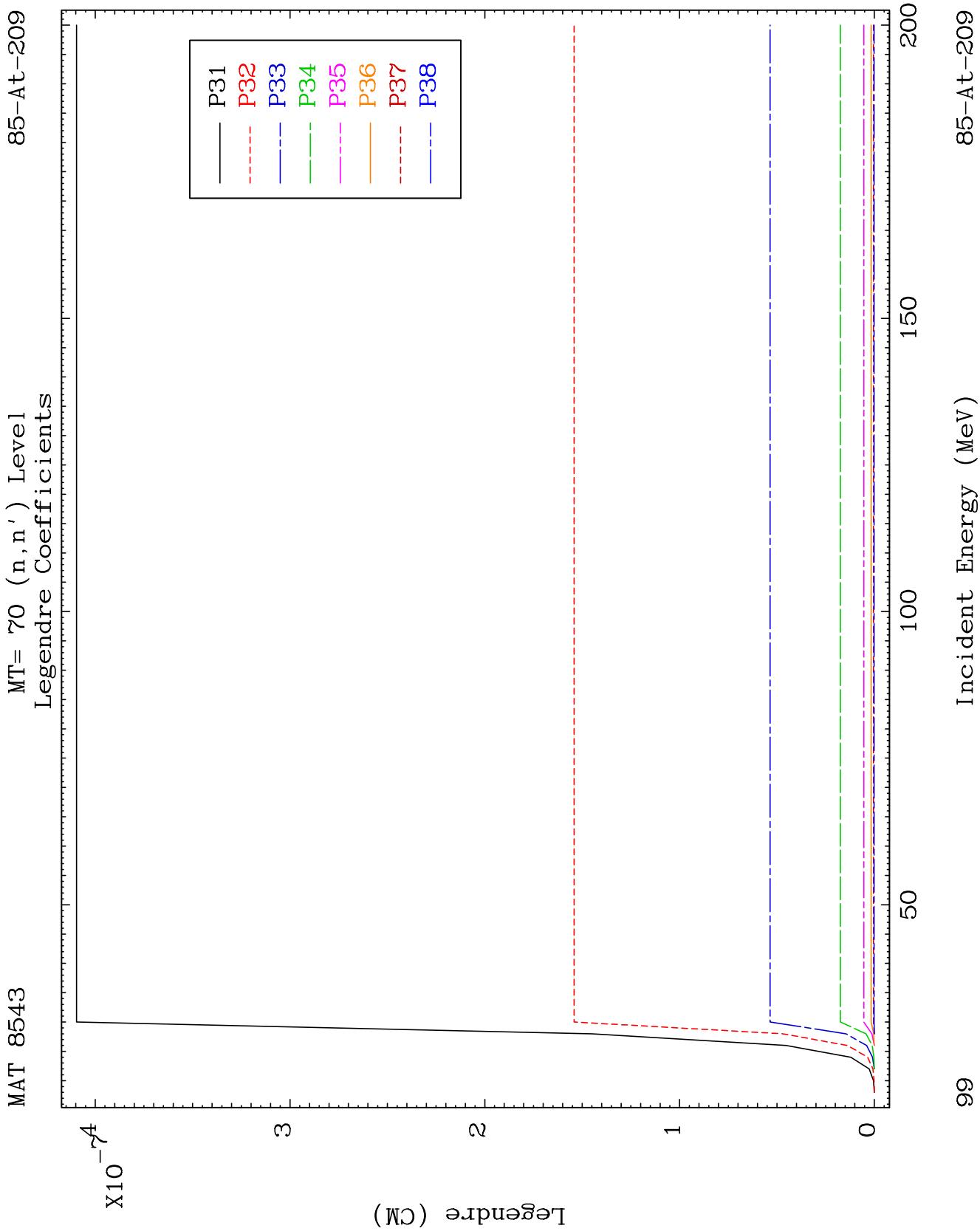








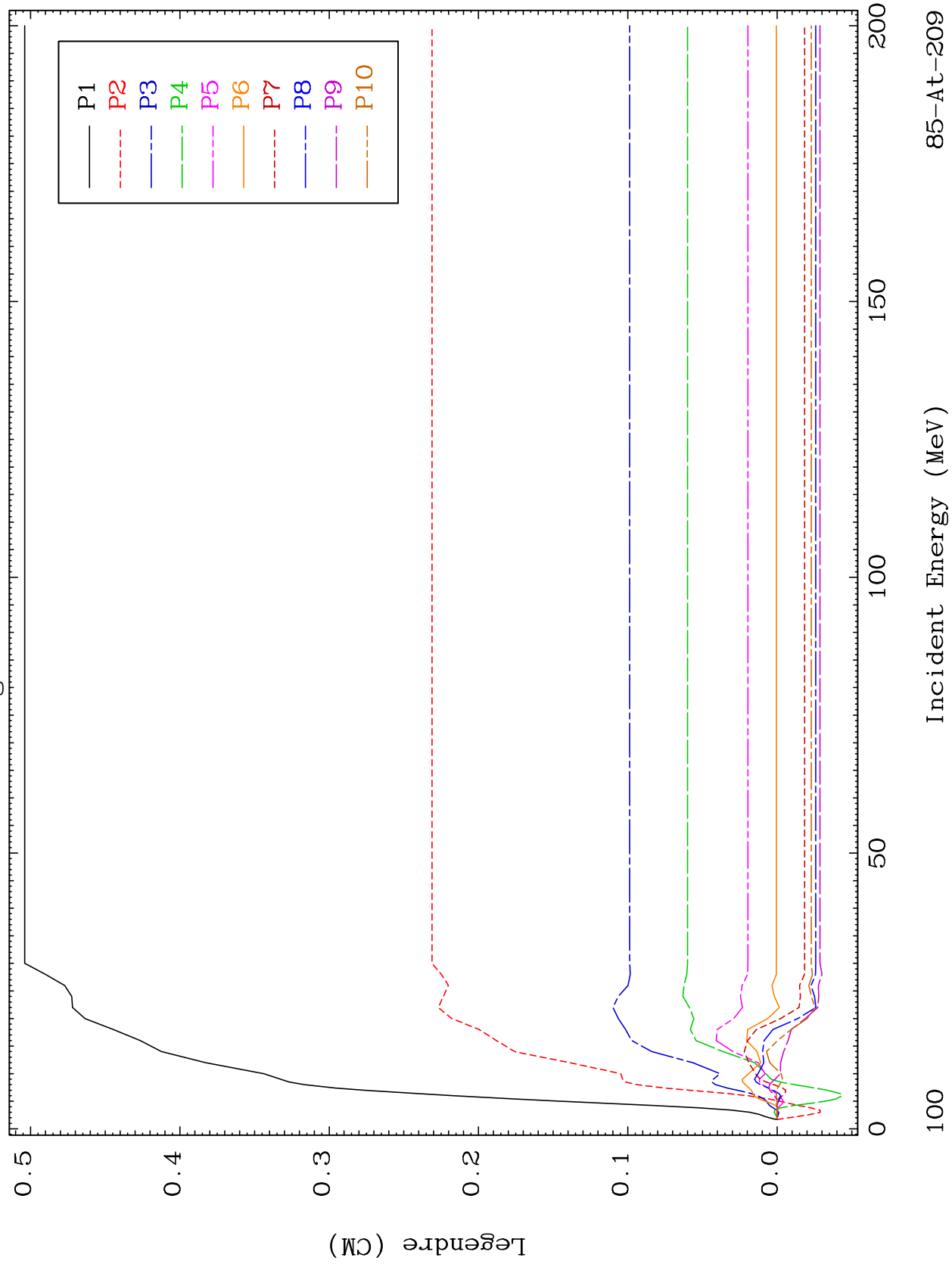




MAT 8543

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

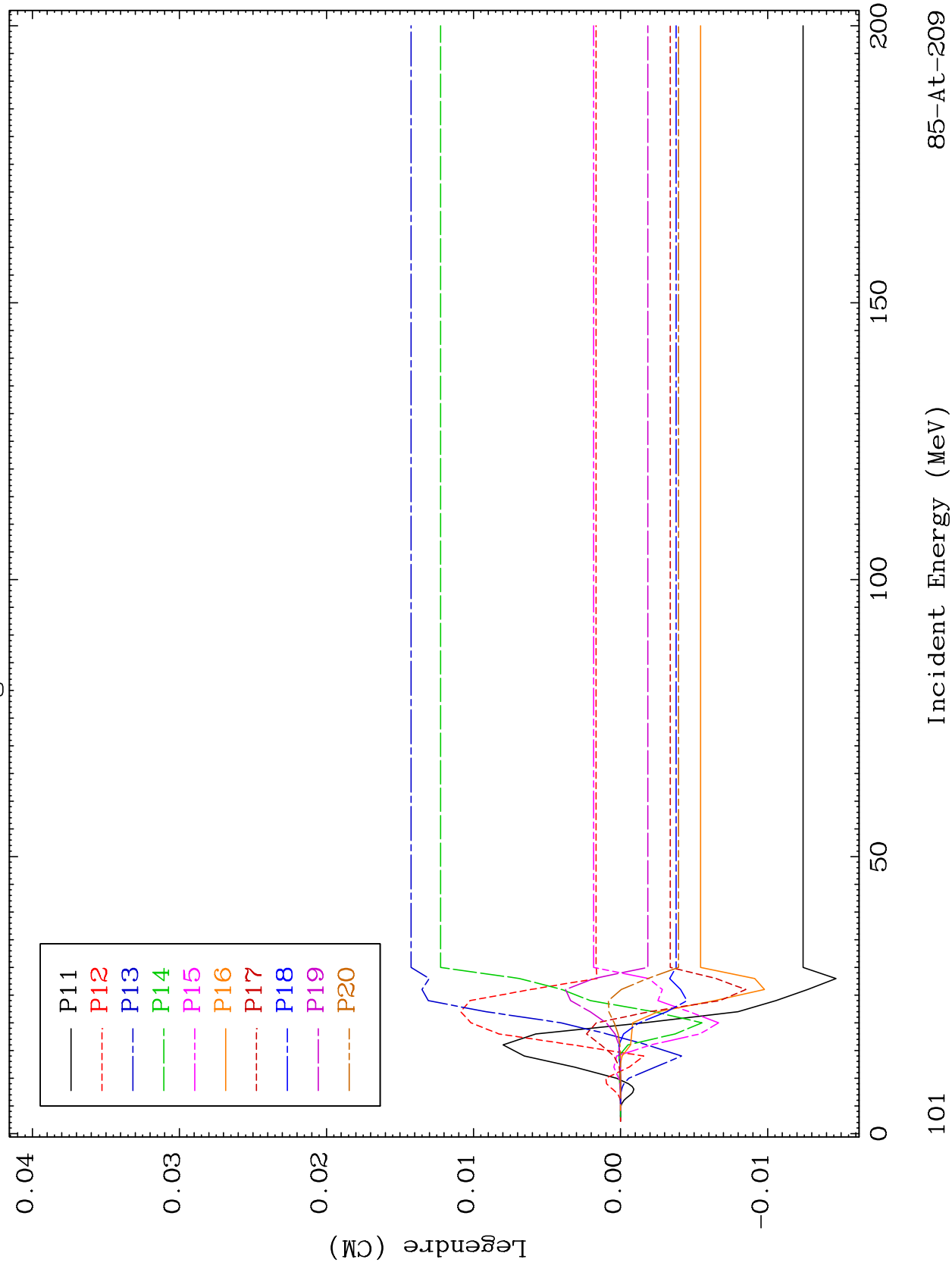
85-At-209



MAT 8543

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

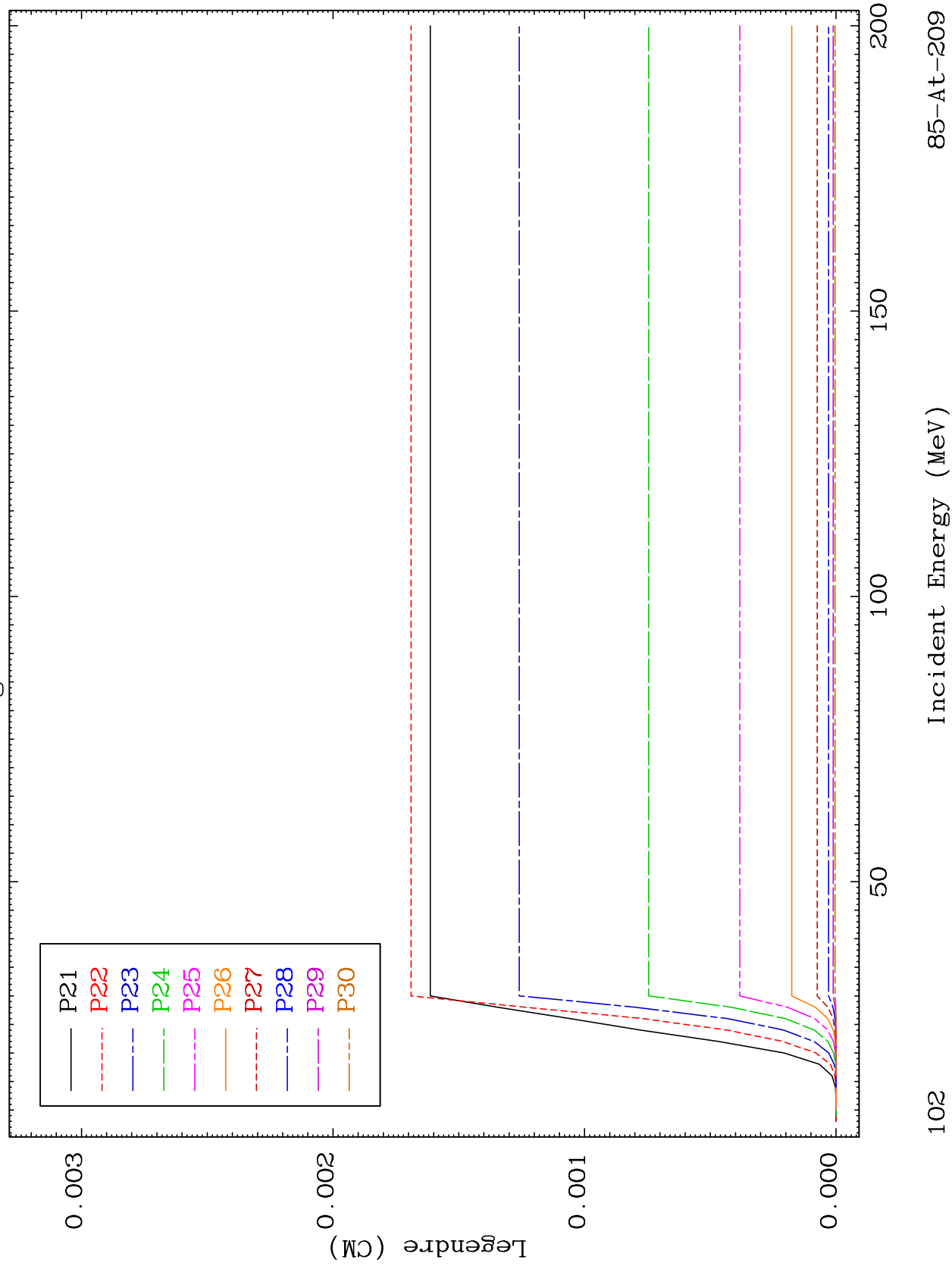
85-At-209

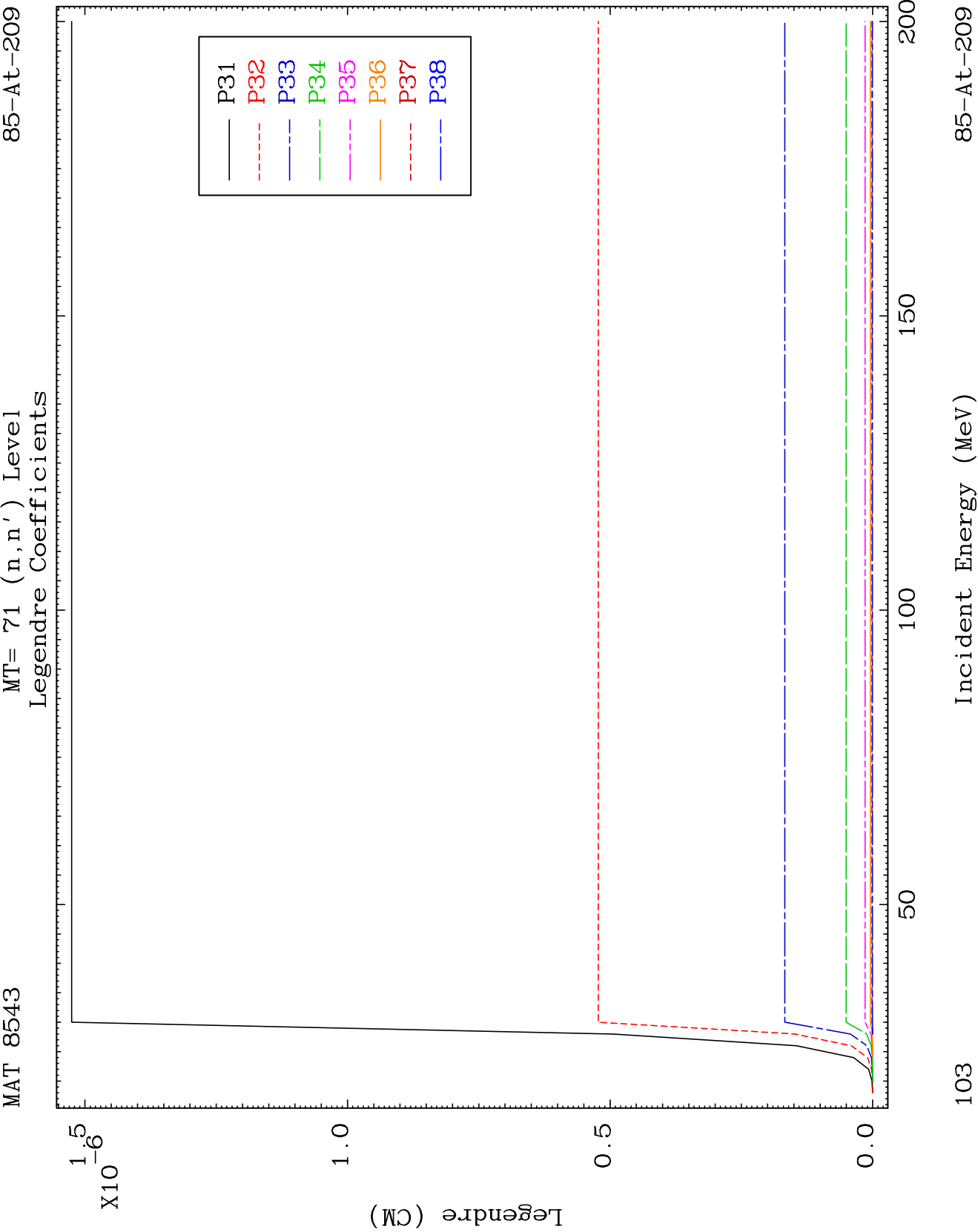


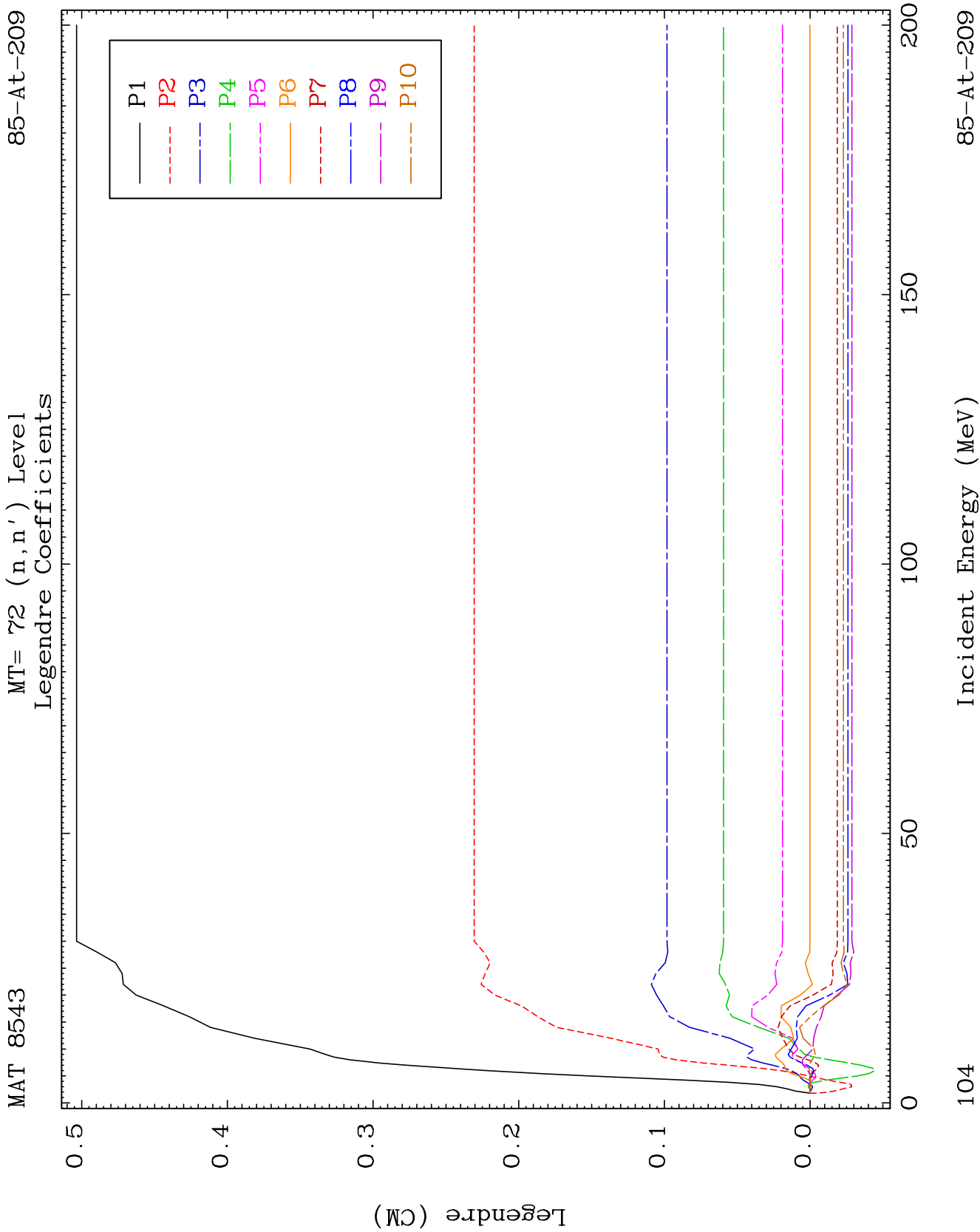
MAT 8543

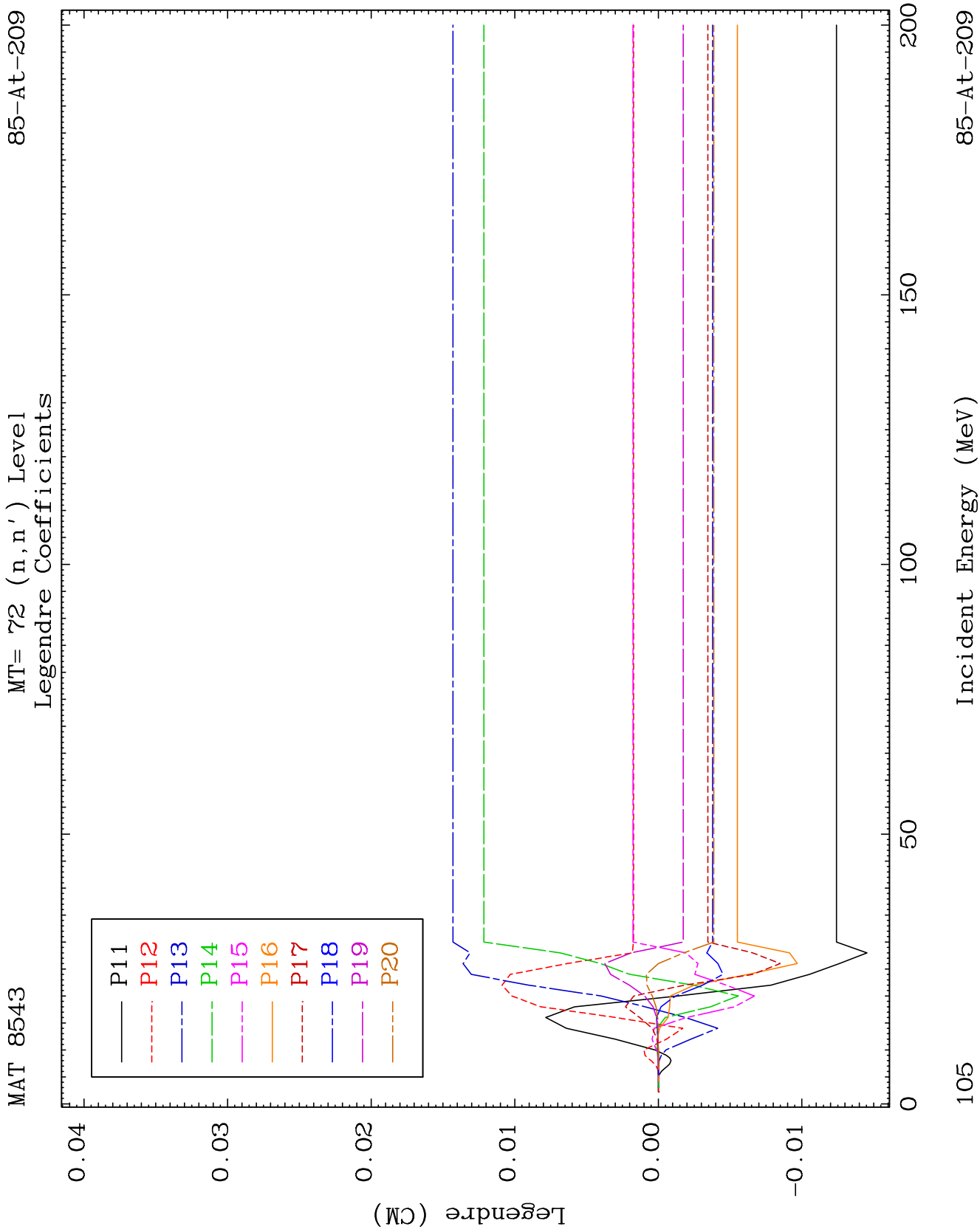
MT= 71 (n, n') Level  
Legendre Coefficients

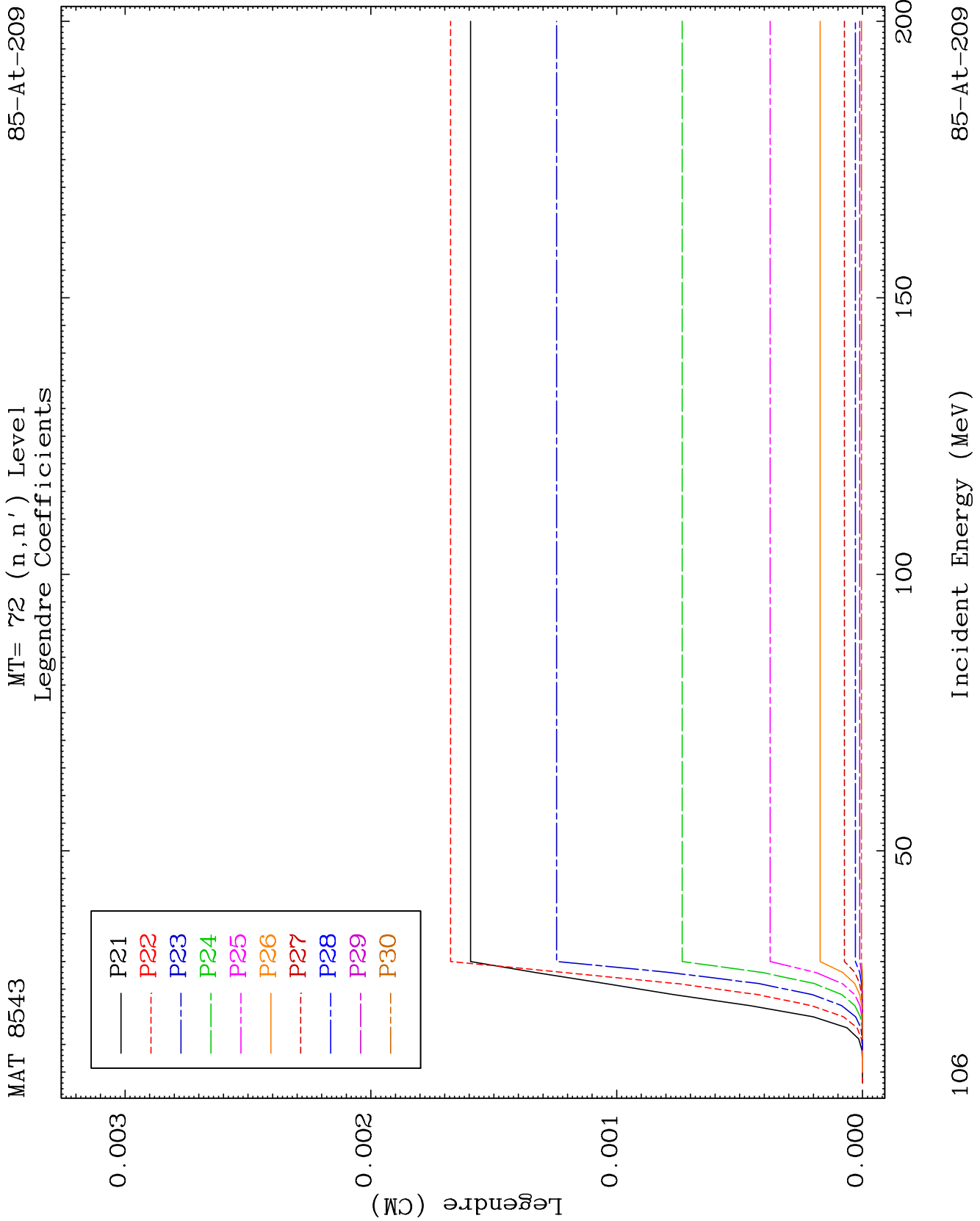
85-At-209

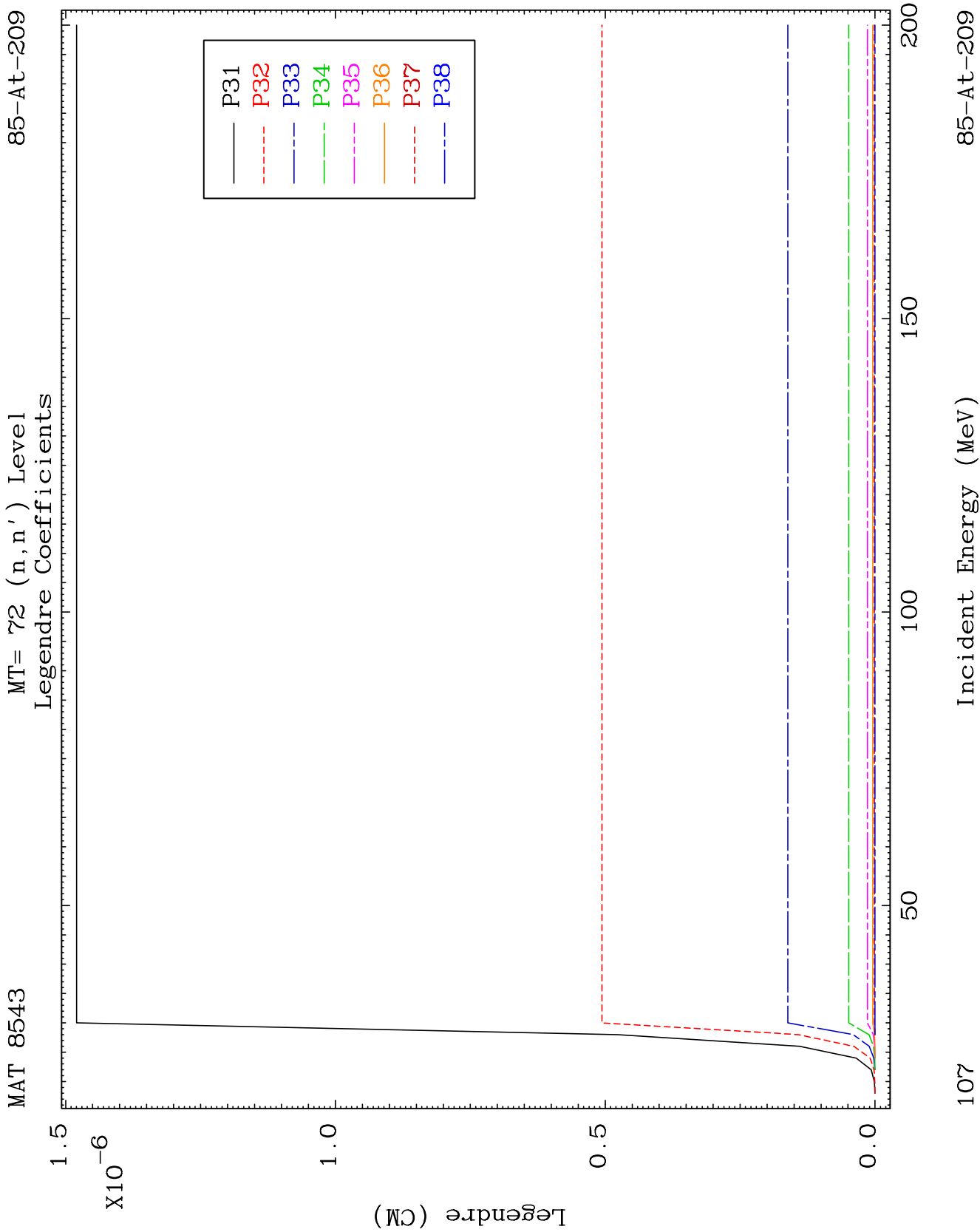








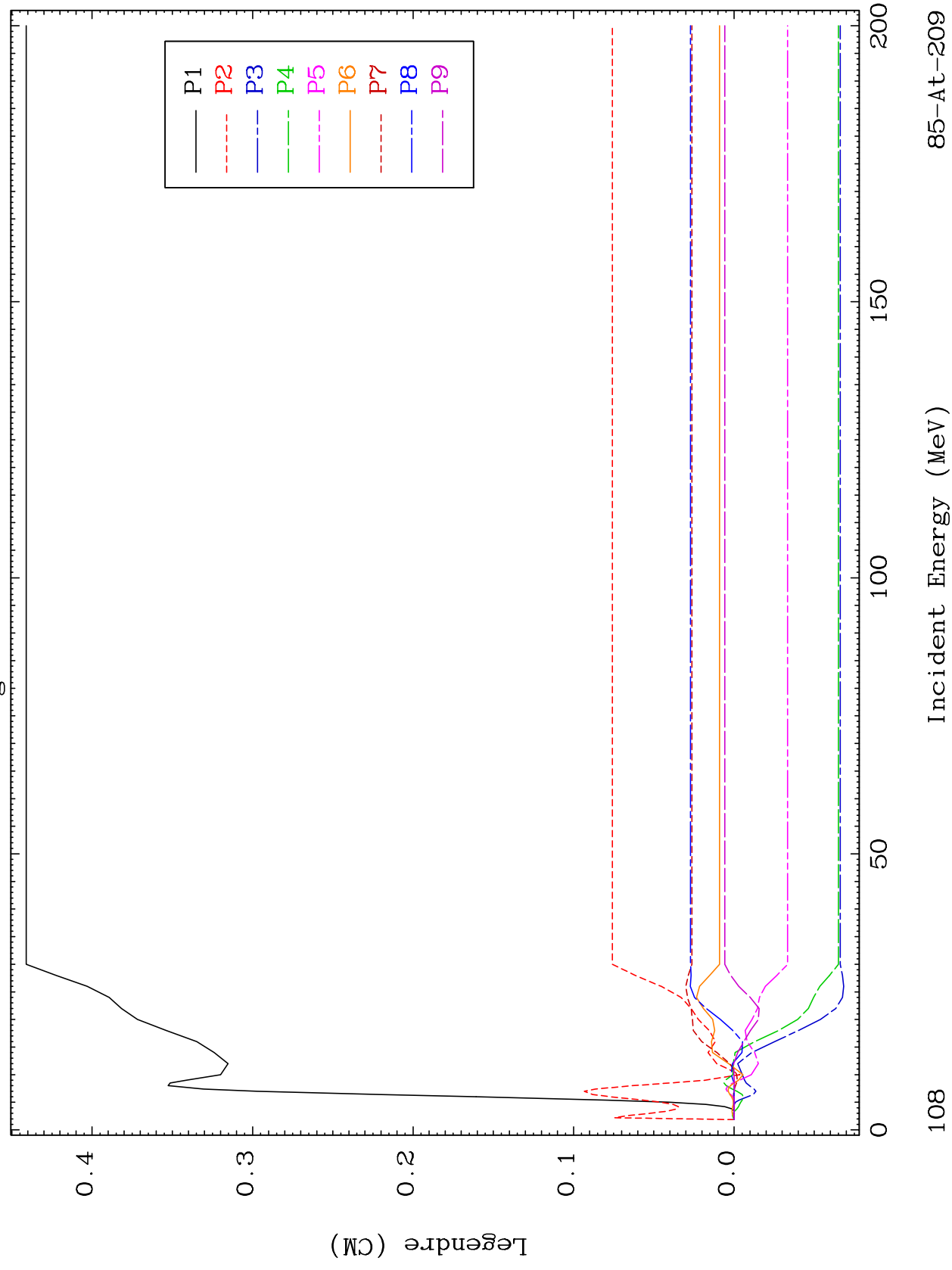




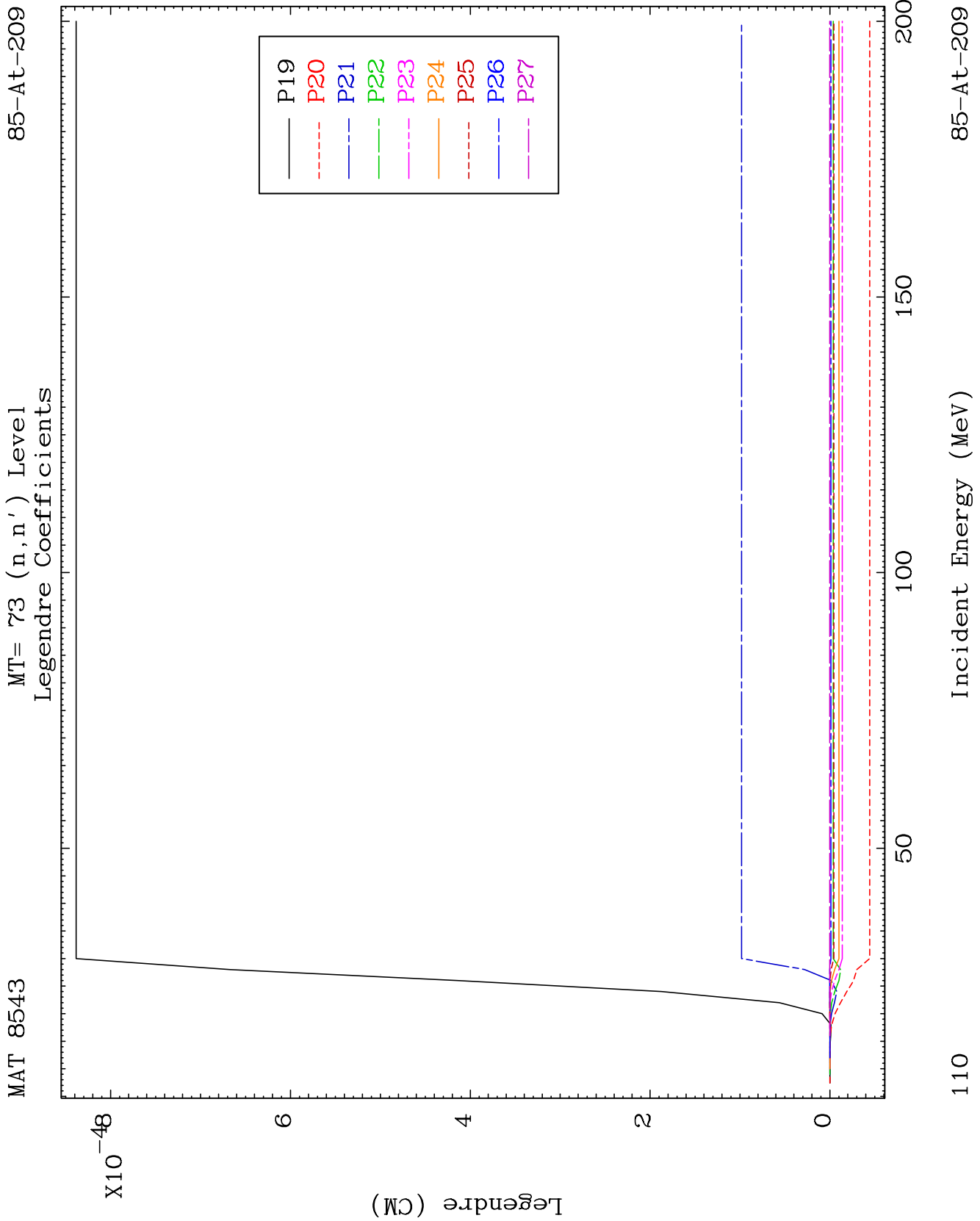
MAT 8543

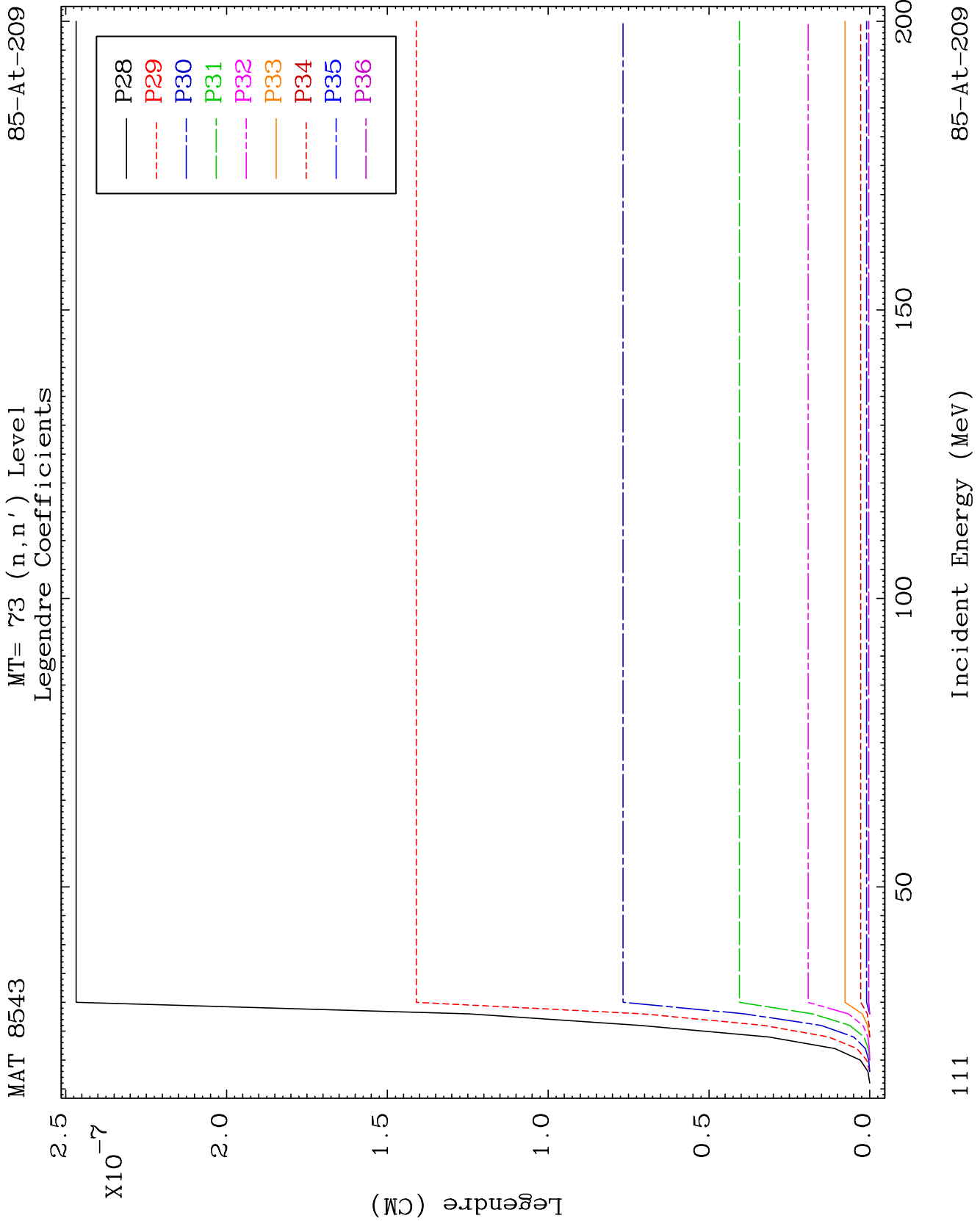
MT= 73 (n, n') Level  
Legendre Coefficients

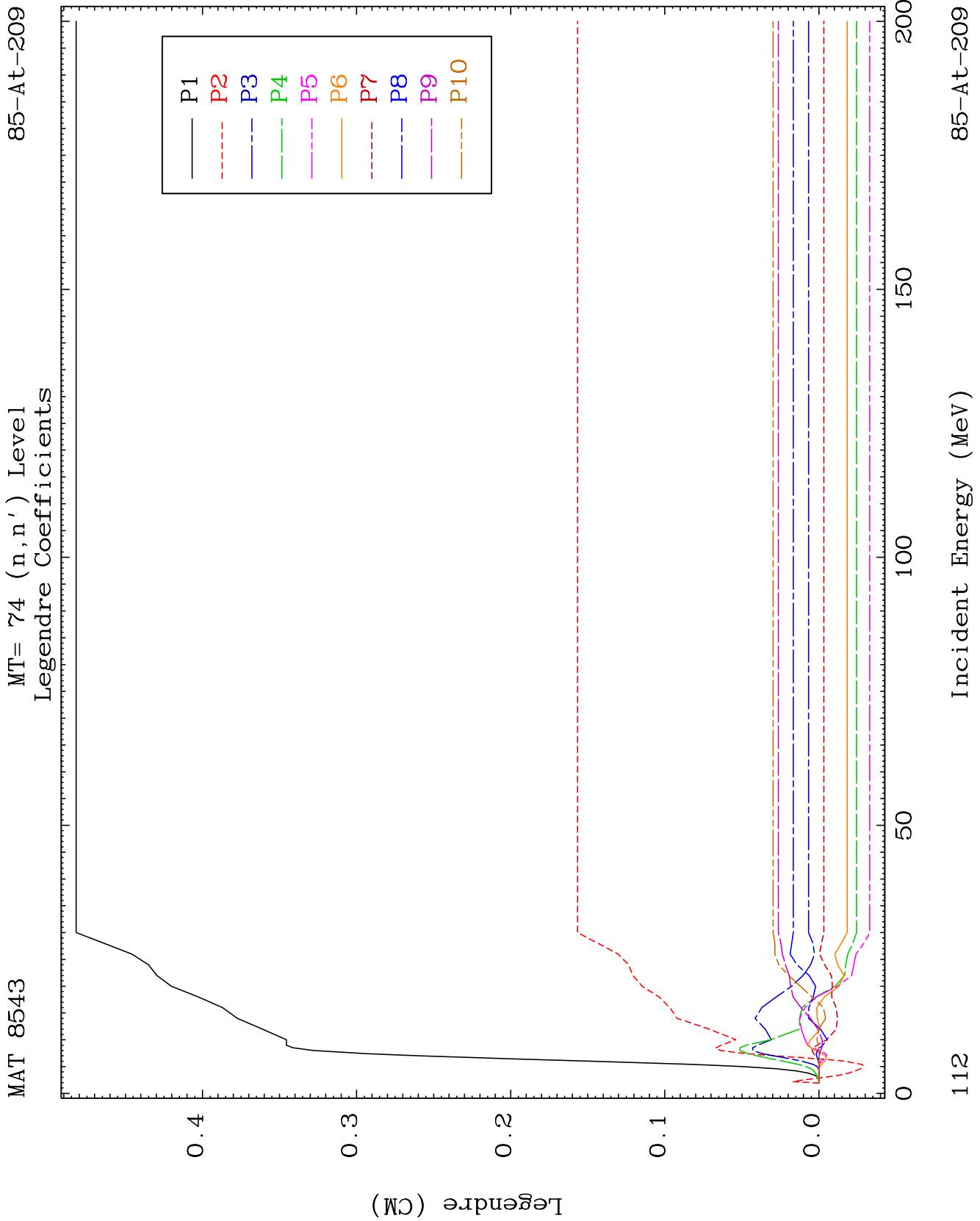
85-At-209



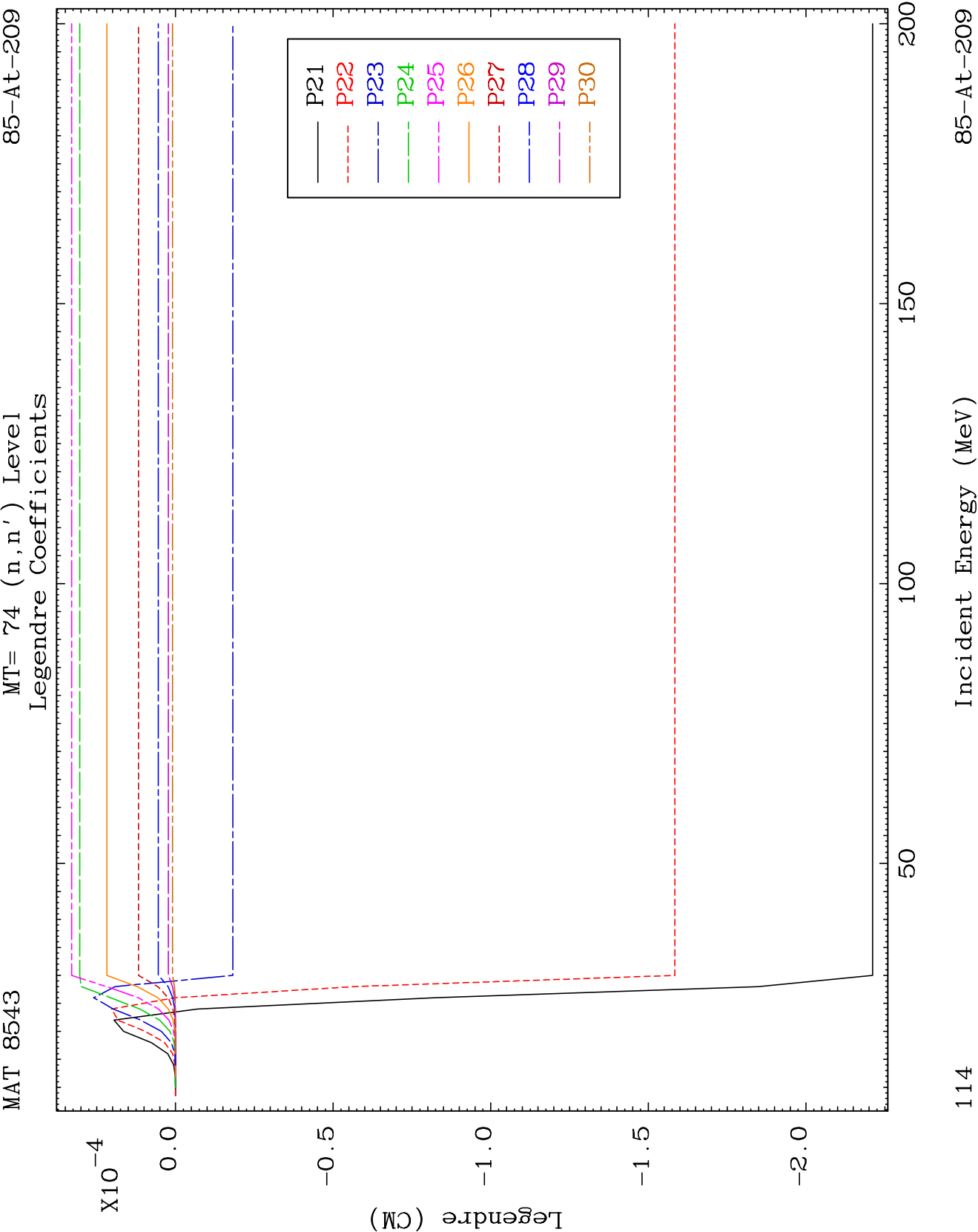


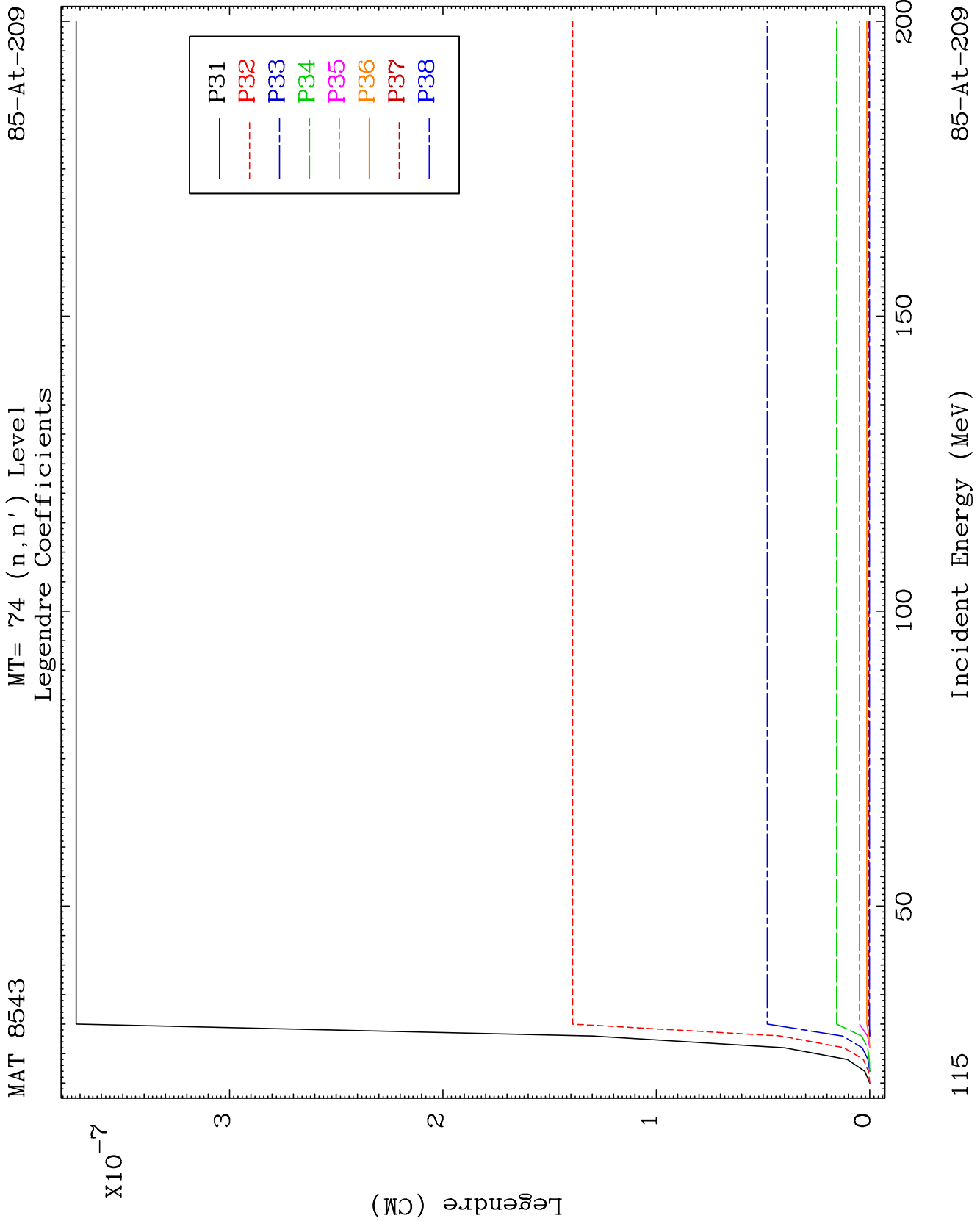


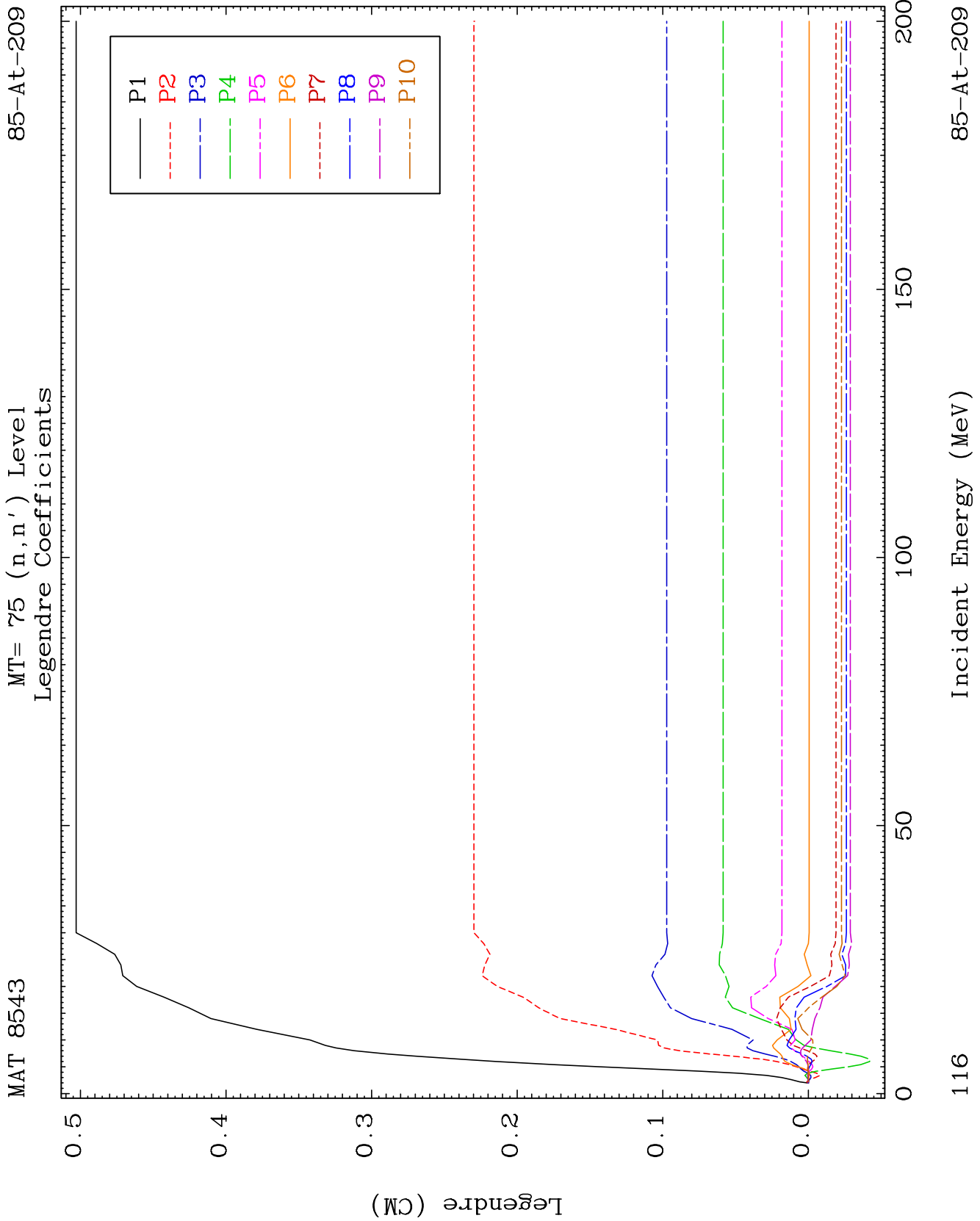




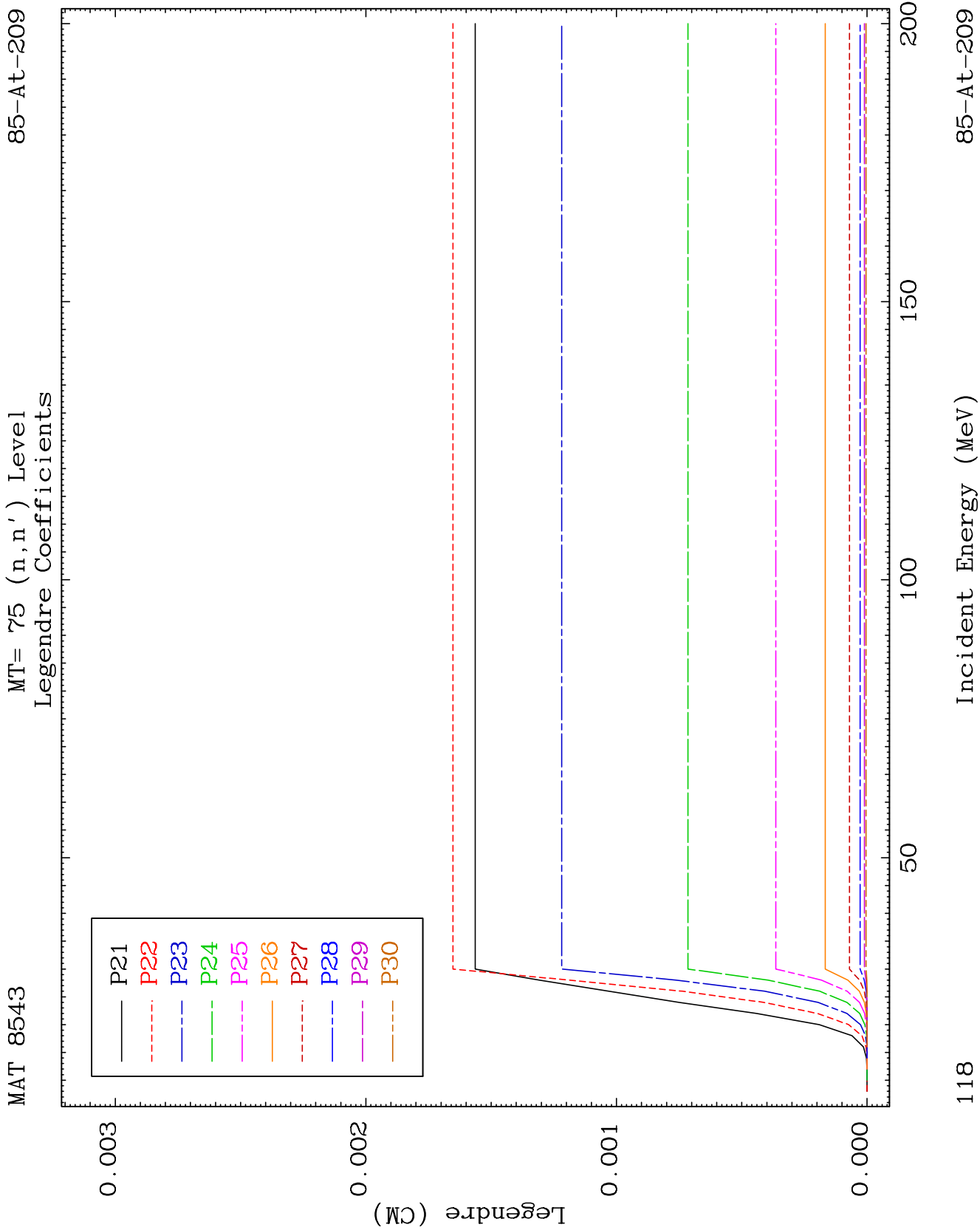


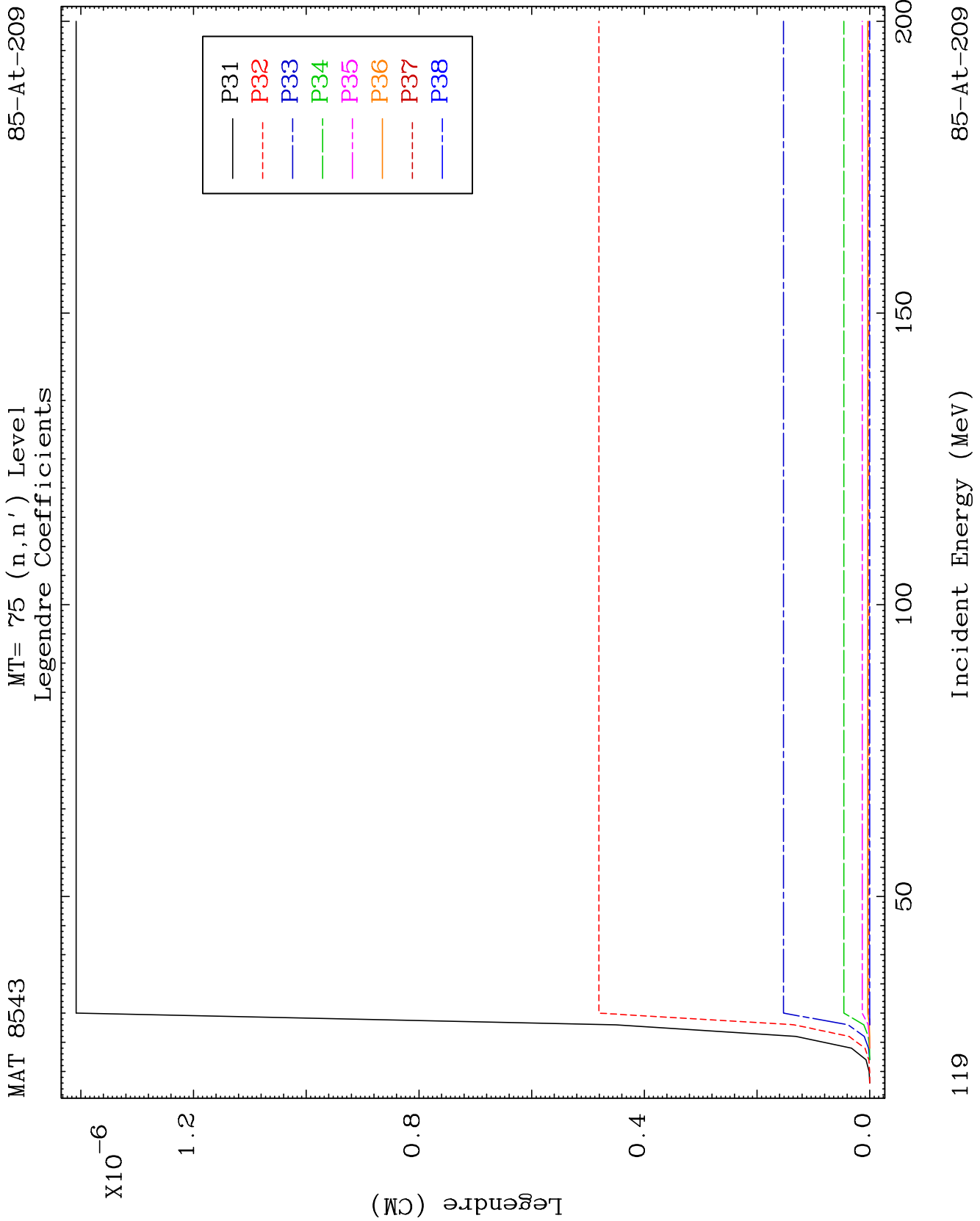










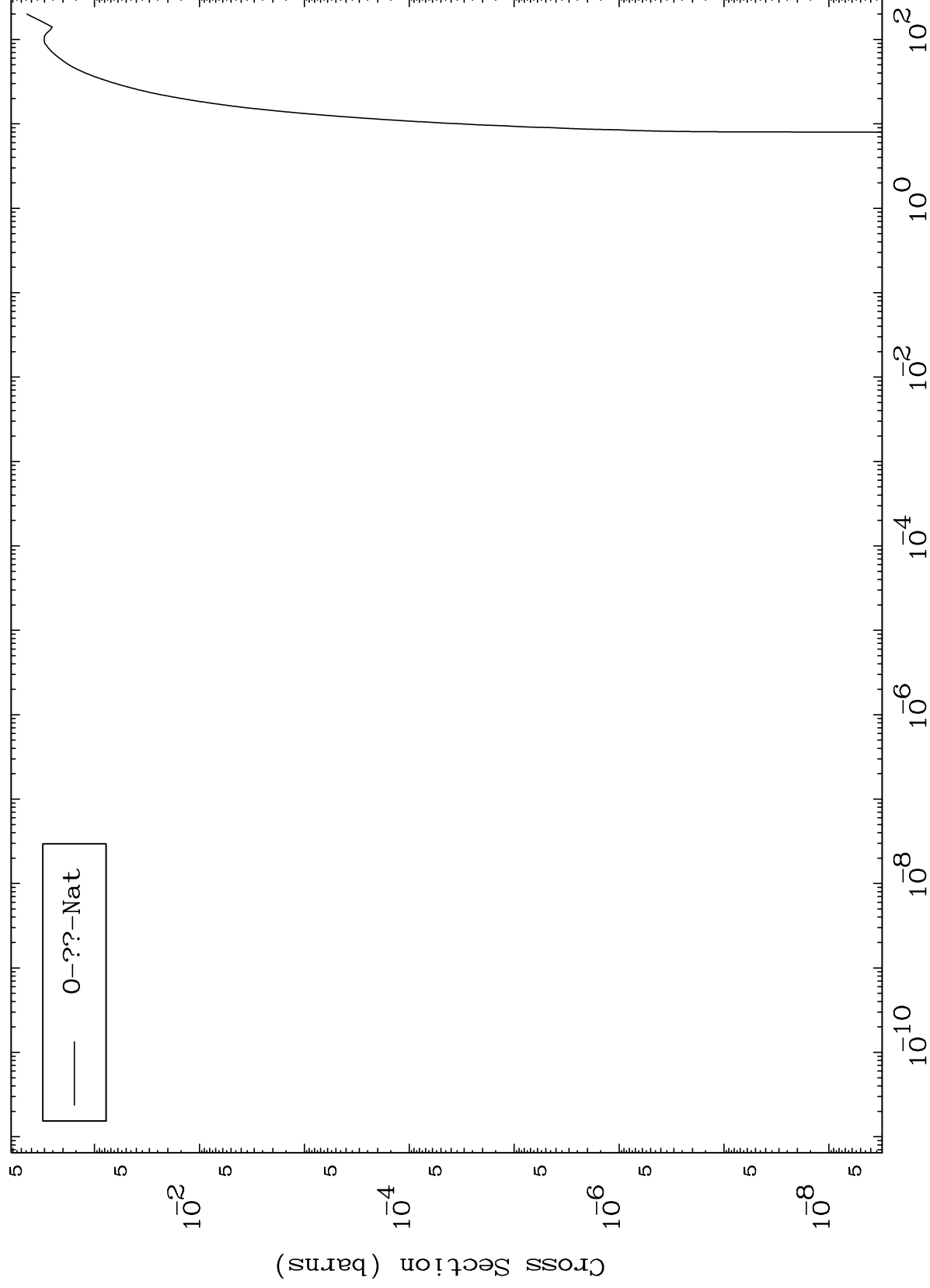


MAT 8543

Fission

85-At-209

Radionuclide Production Cross Section



0-??-Nat

120

Incident Energy (MeV)

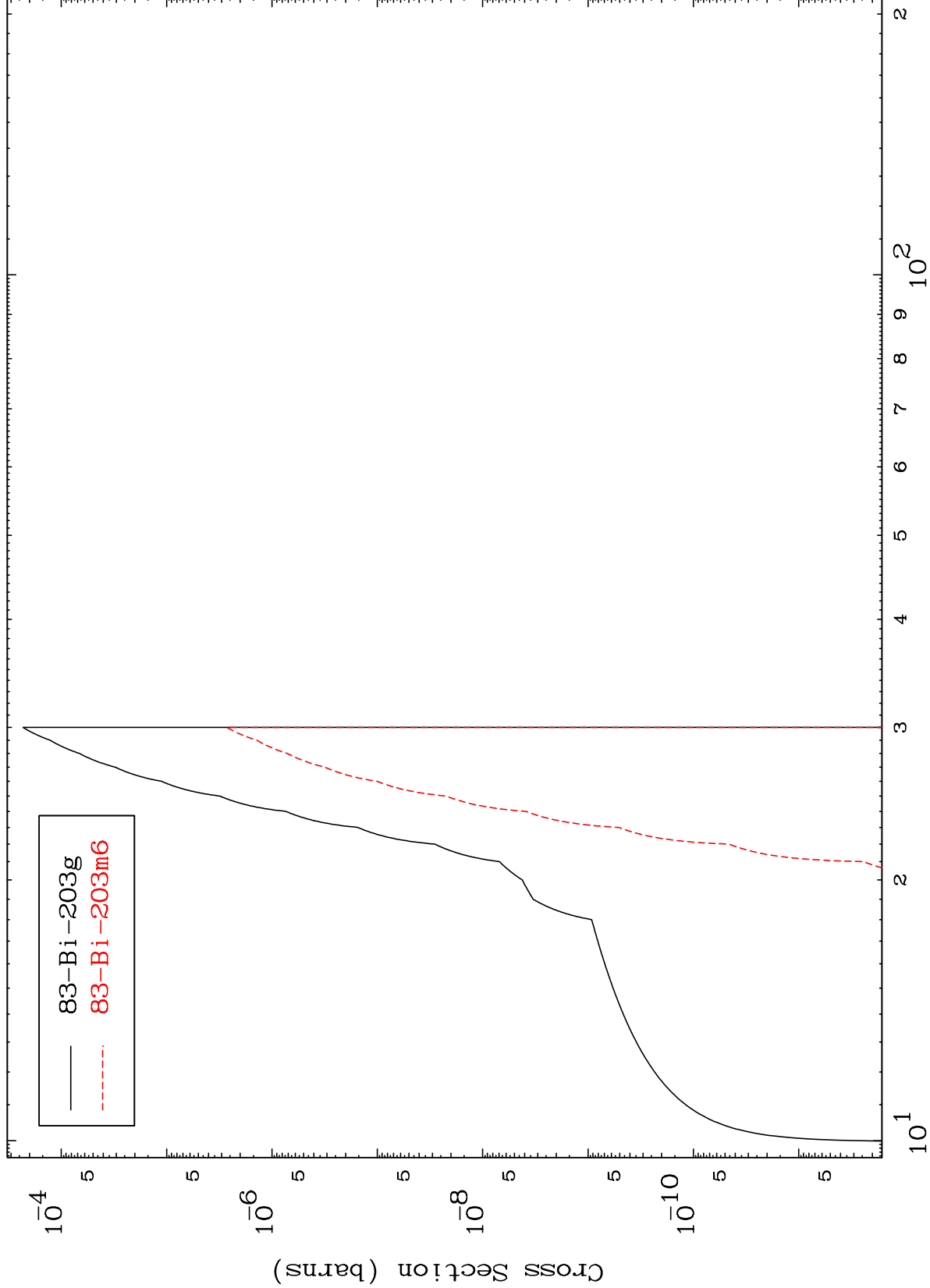
85-At-209

MAT 8543

(n,3n)  $\alpha$

85-At-209

Radionuclide Production Cross Section

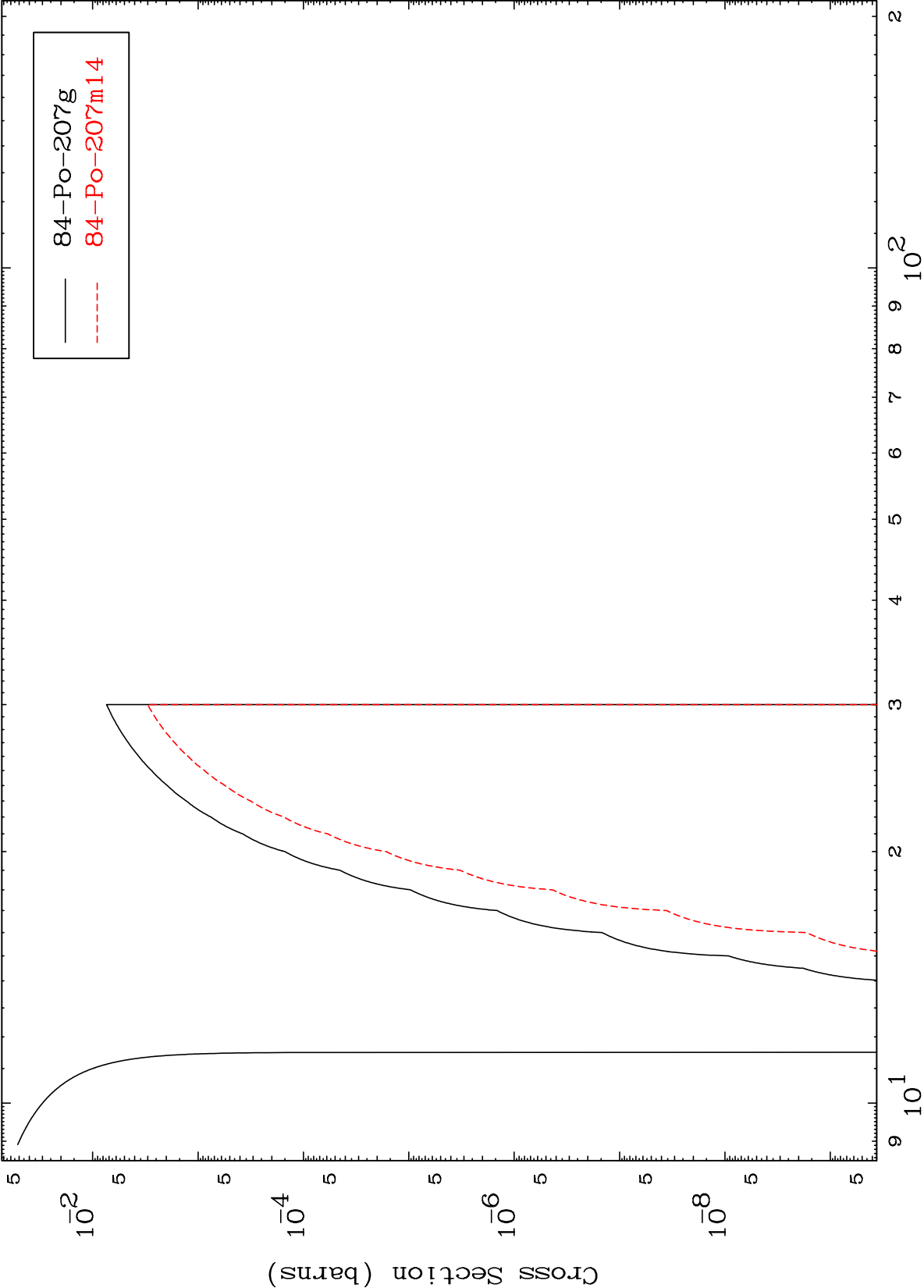


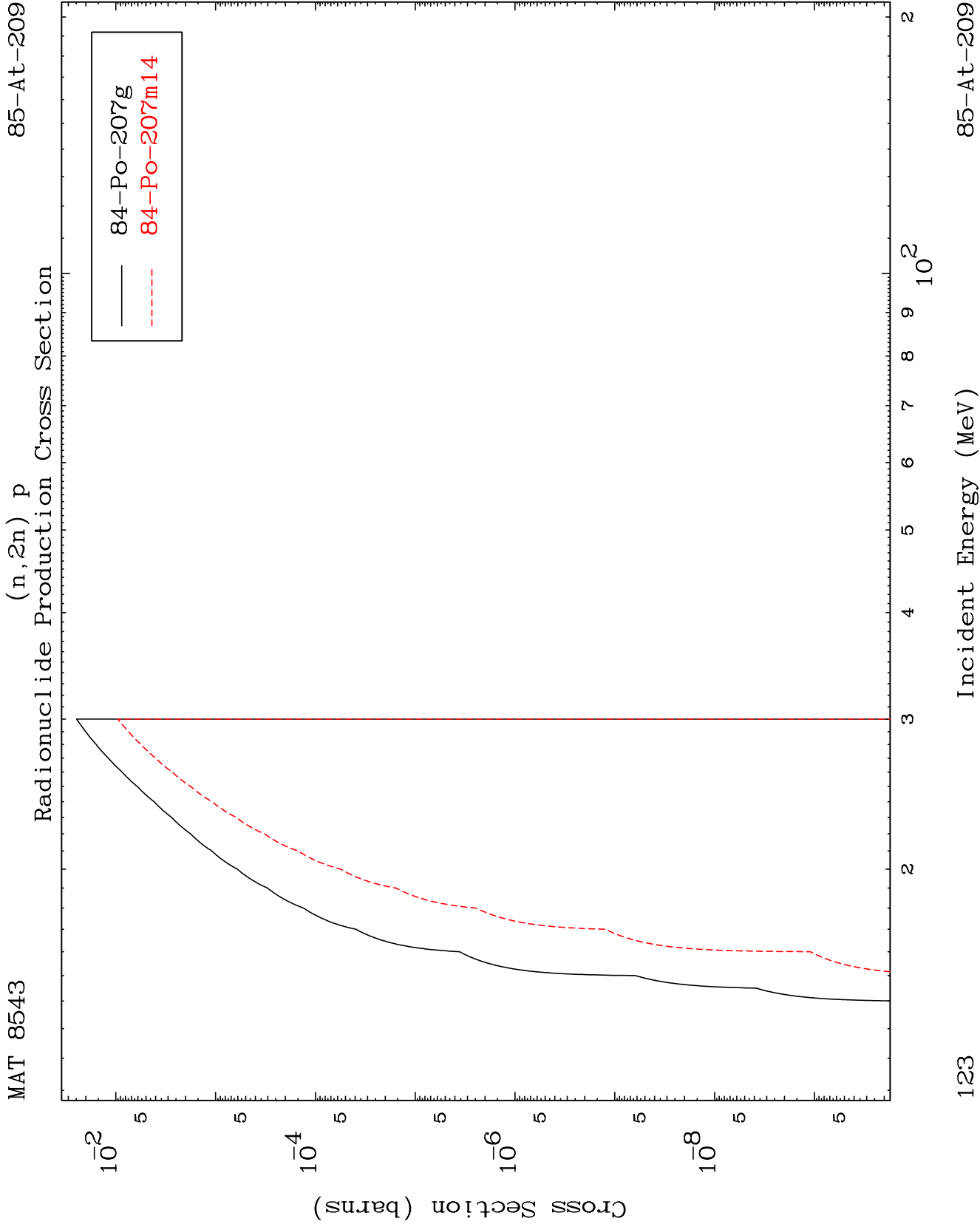
Incident Energy (MeV)

85-At-209

121

Radionuclide Production Cross Section

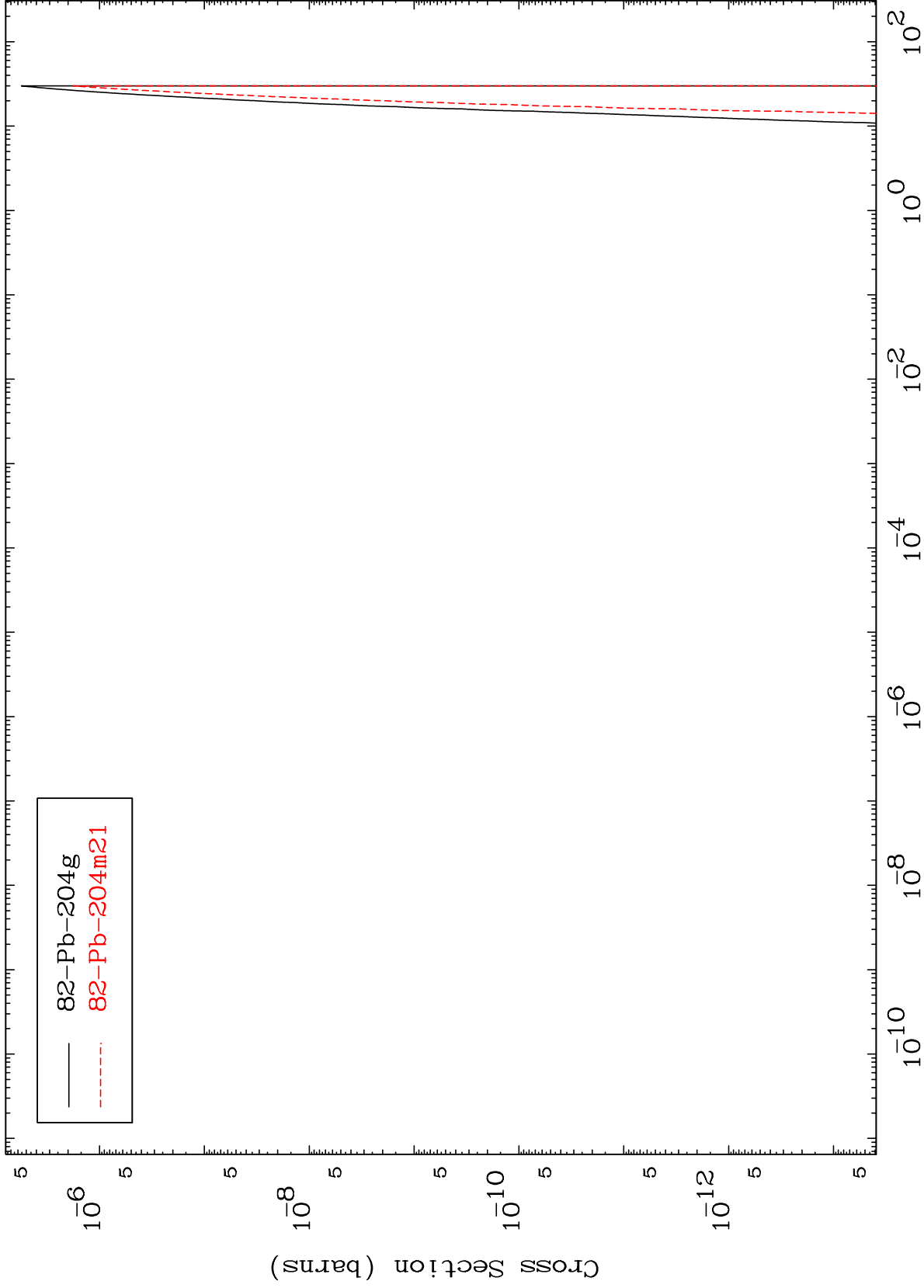




MAT 8543

85-At-209

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



124

Incident Energy (MeV)

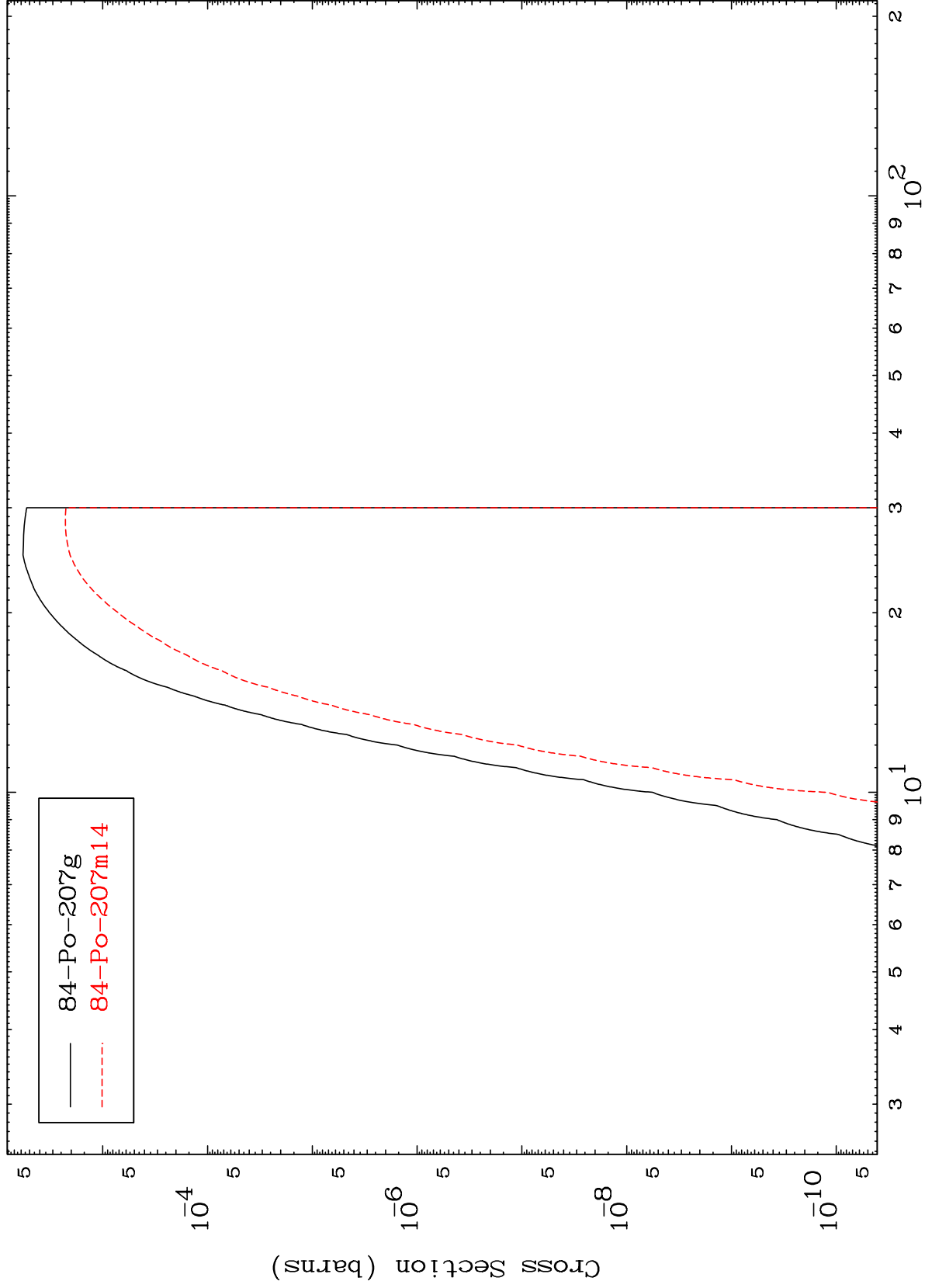
85-At-209

MAT 8543

85-At-209

Radionuclide Production Cross Section

(n,t)



125

Incident Energy (MeV)

85-At-209

Radionuclide Production Cross Section

