

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

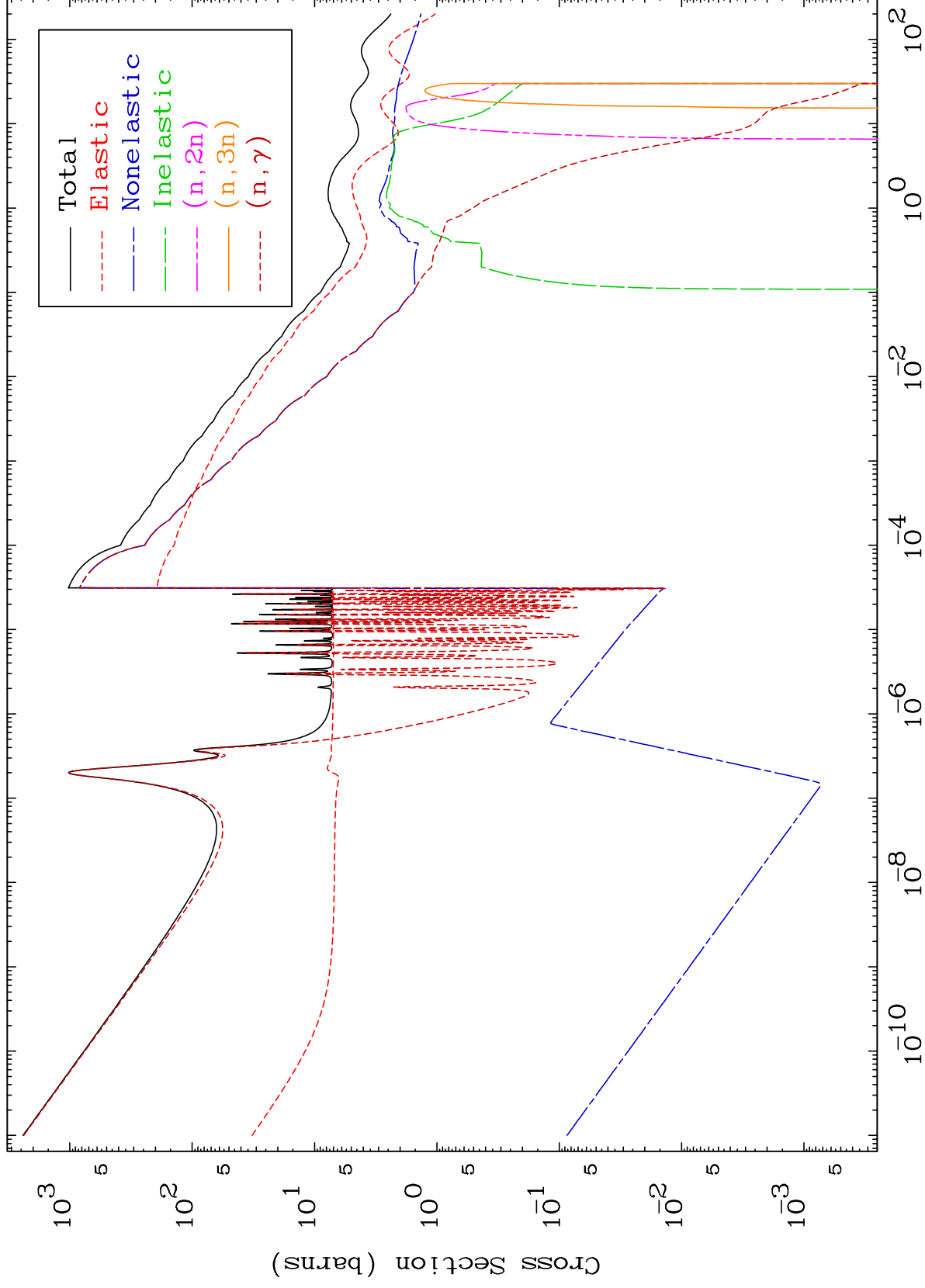
Press Mouse Button to Start

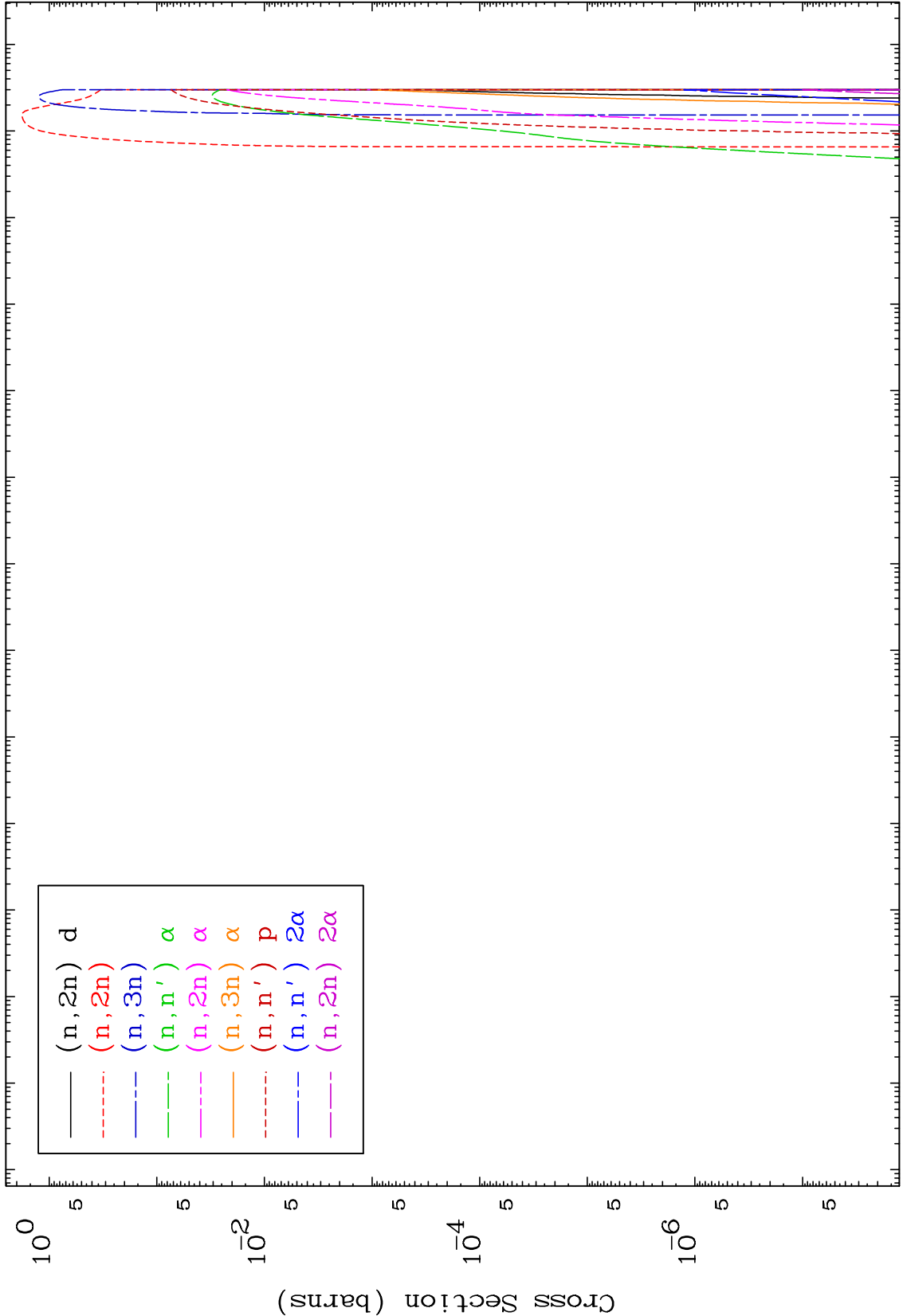
MAT 6422

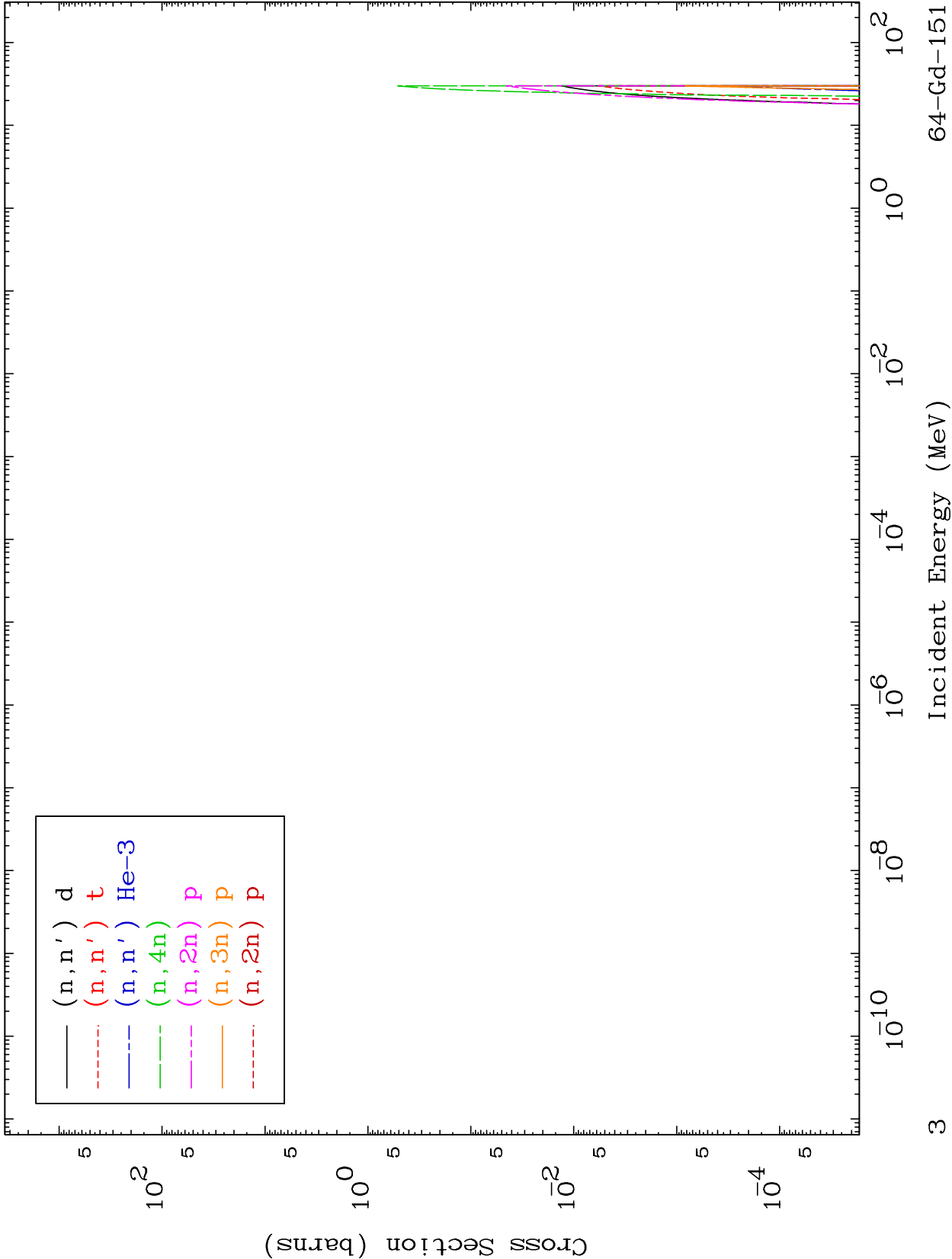
Neutron Major

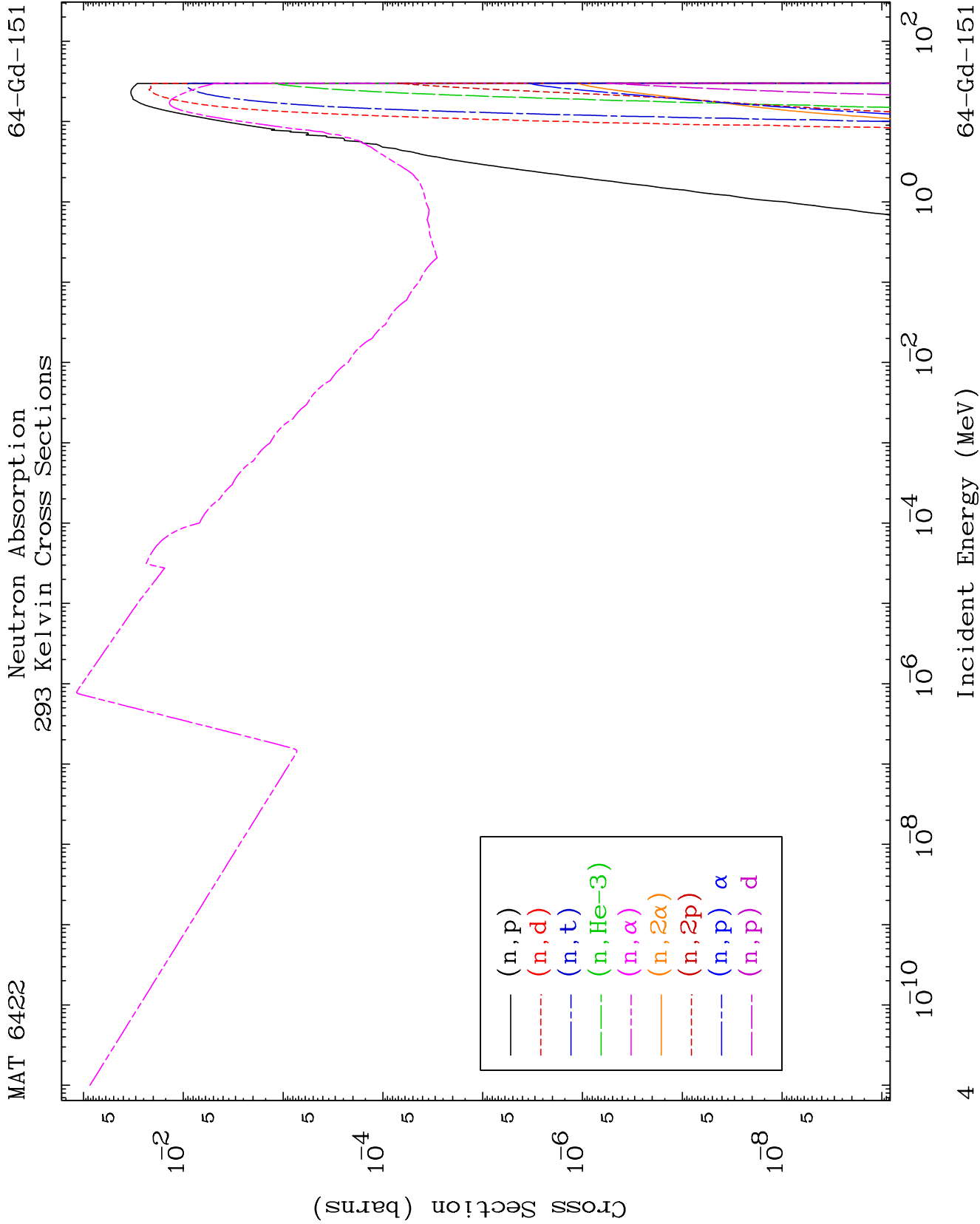
64-Gd-151

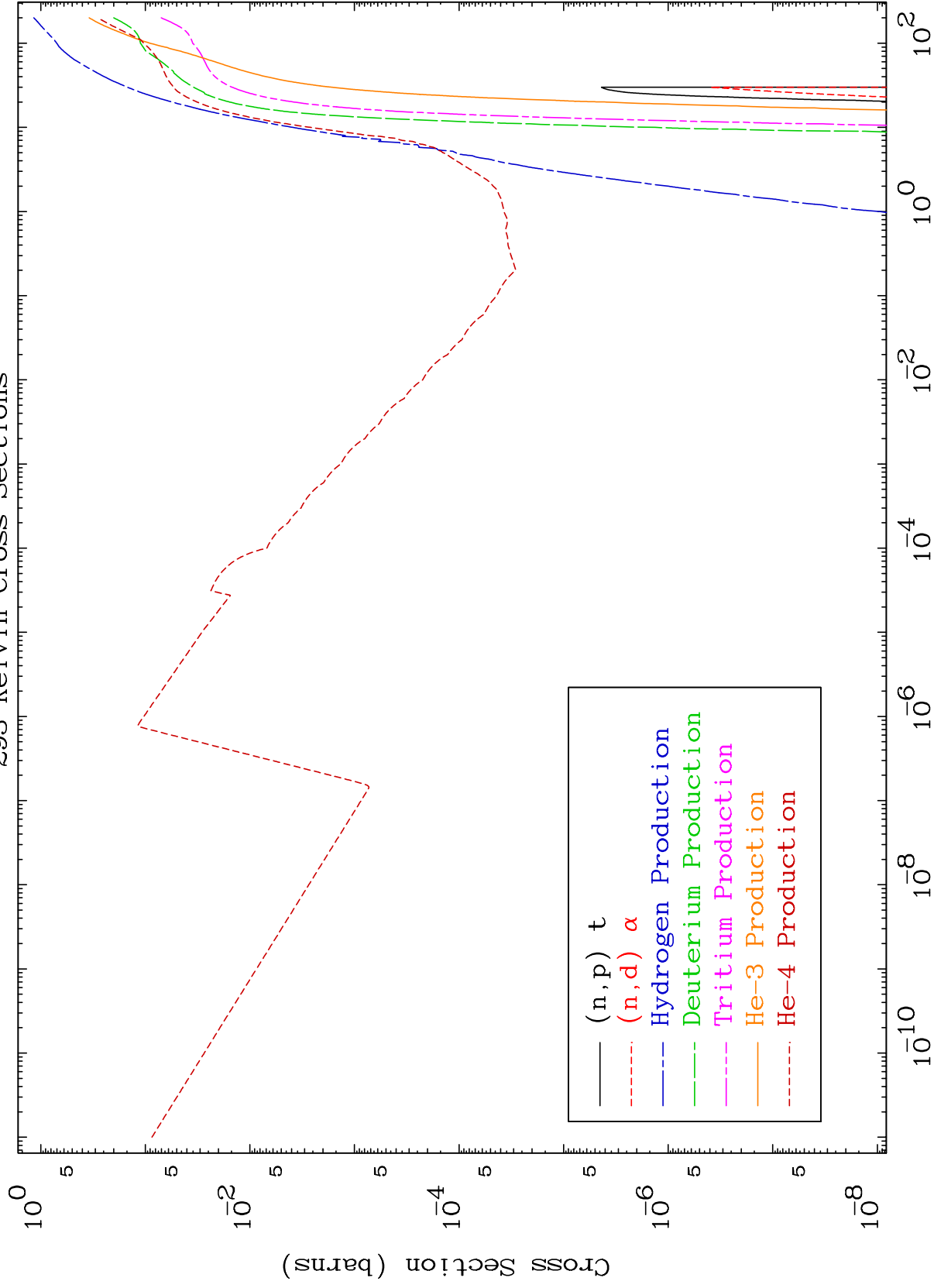
293 Kelvin Cross Sections

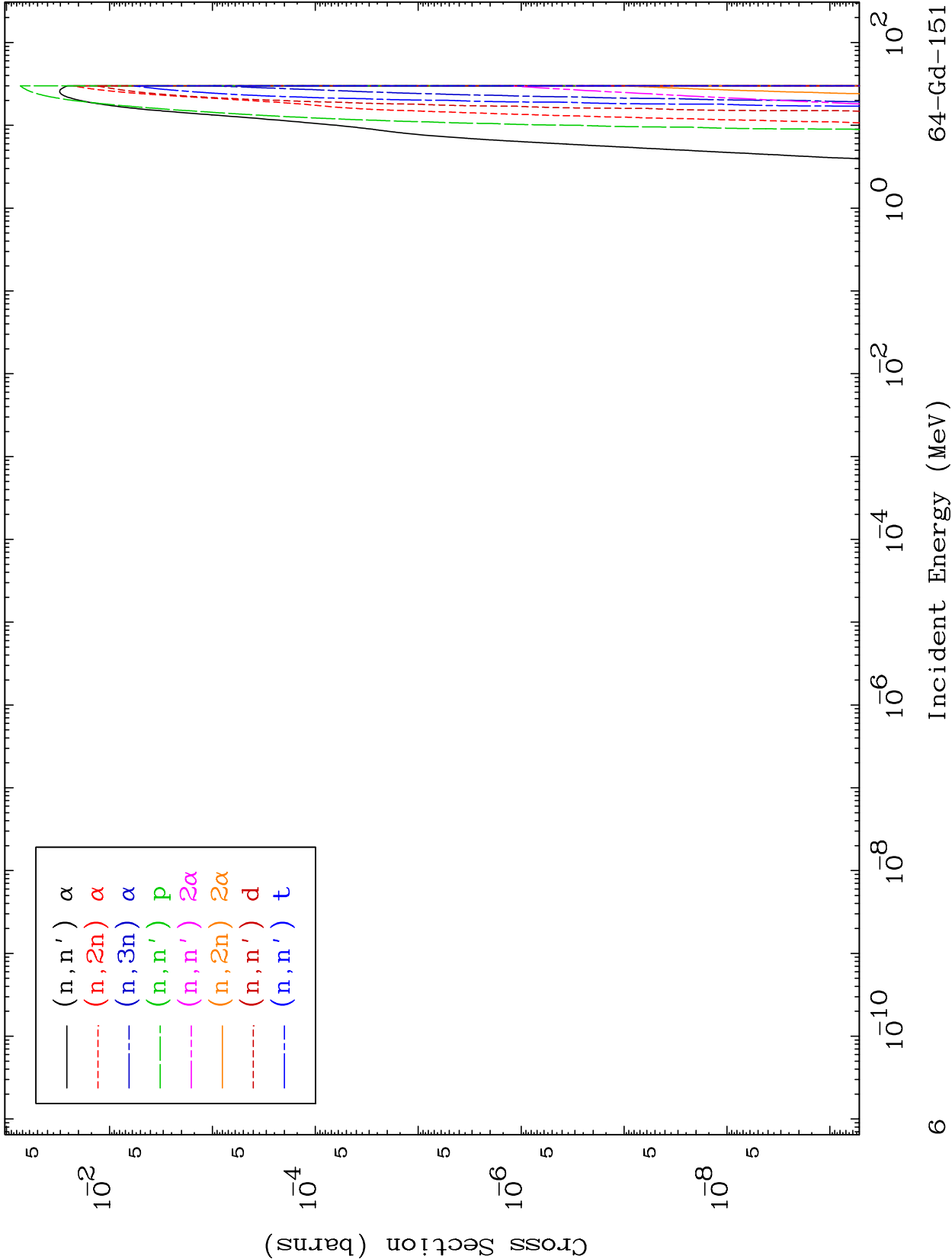


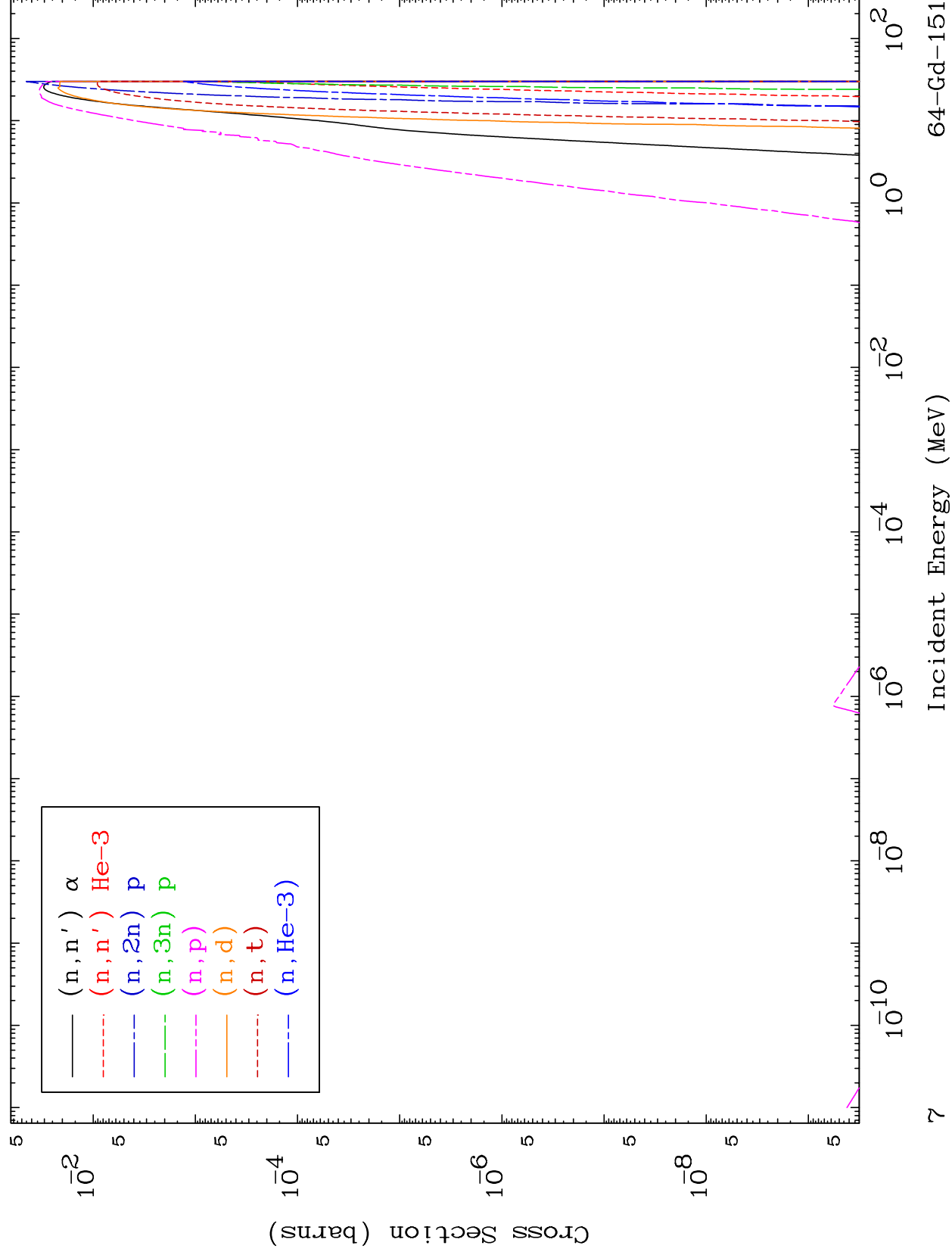


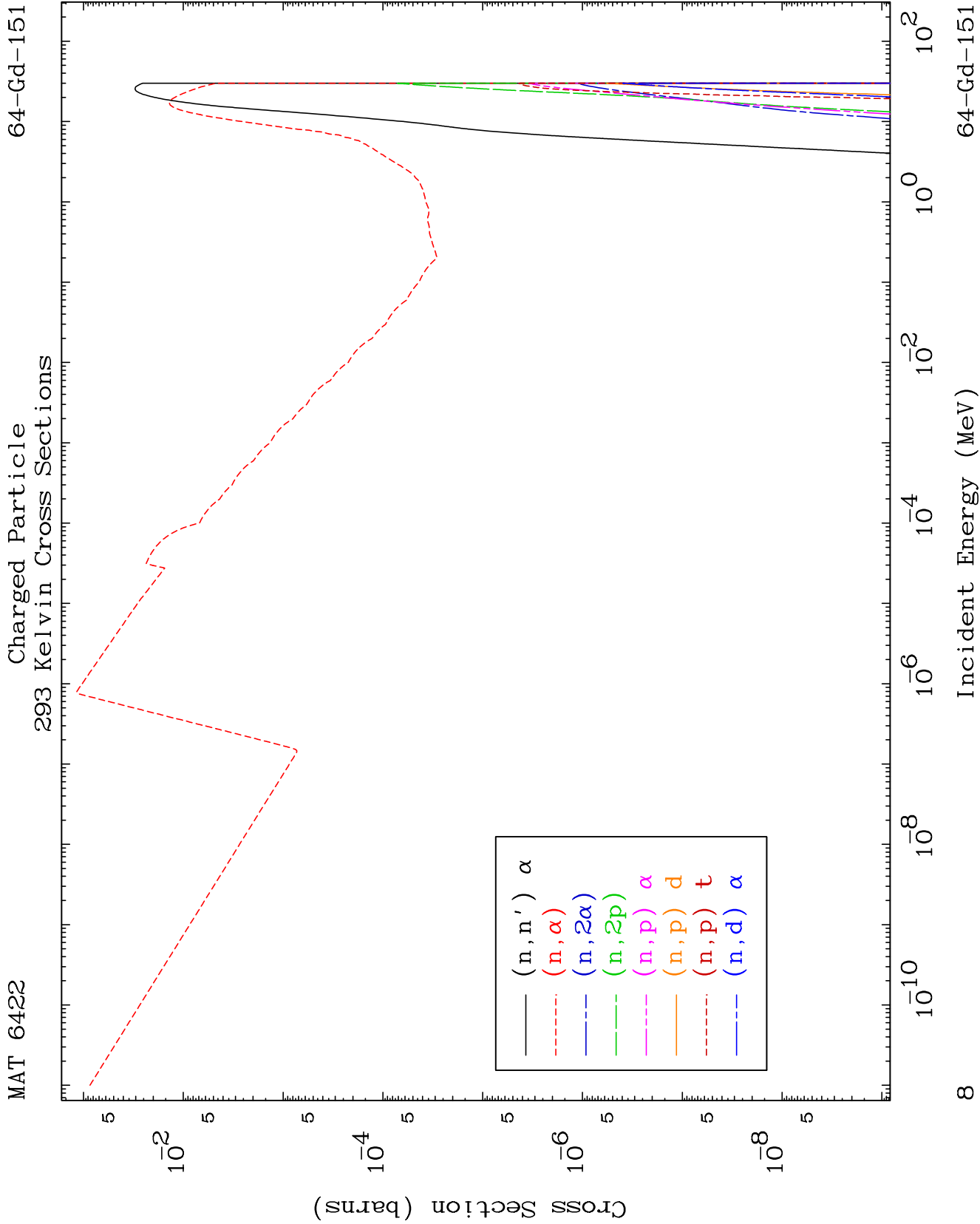


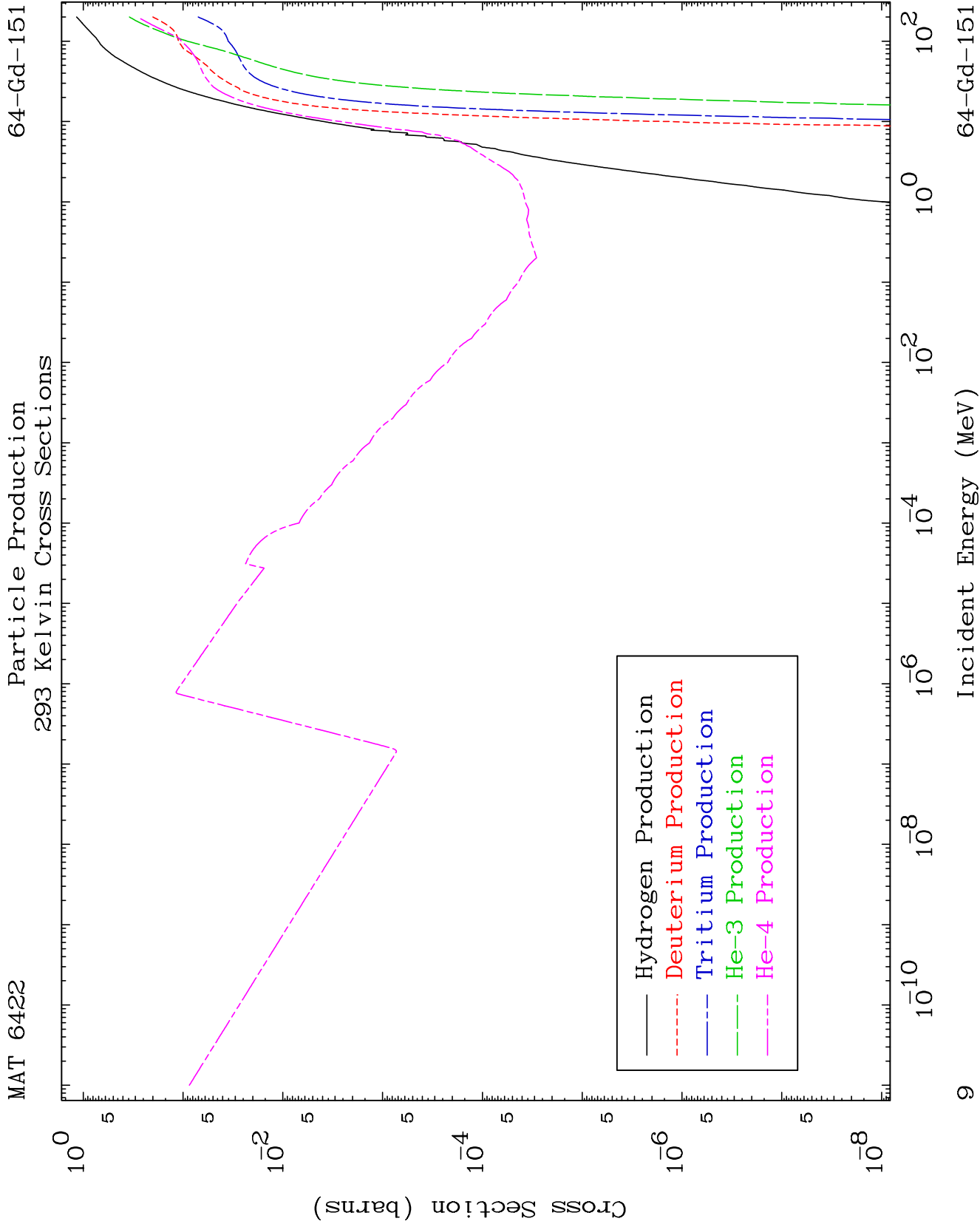










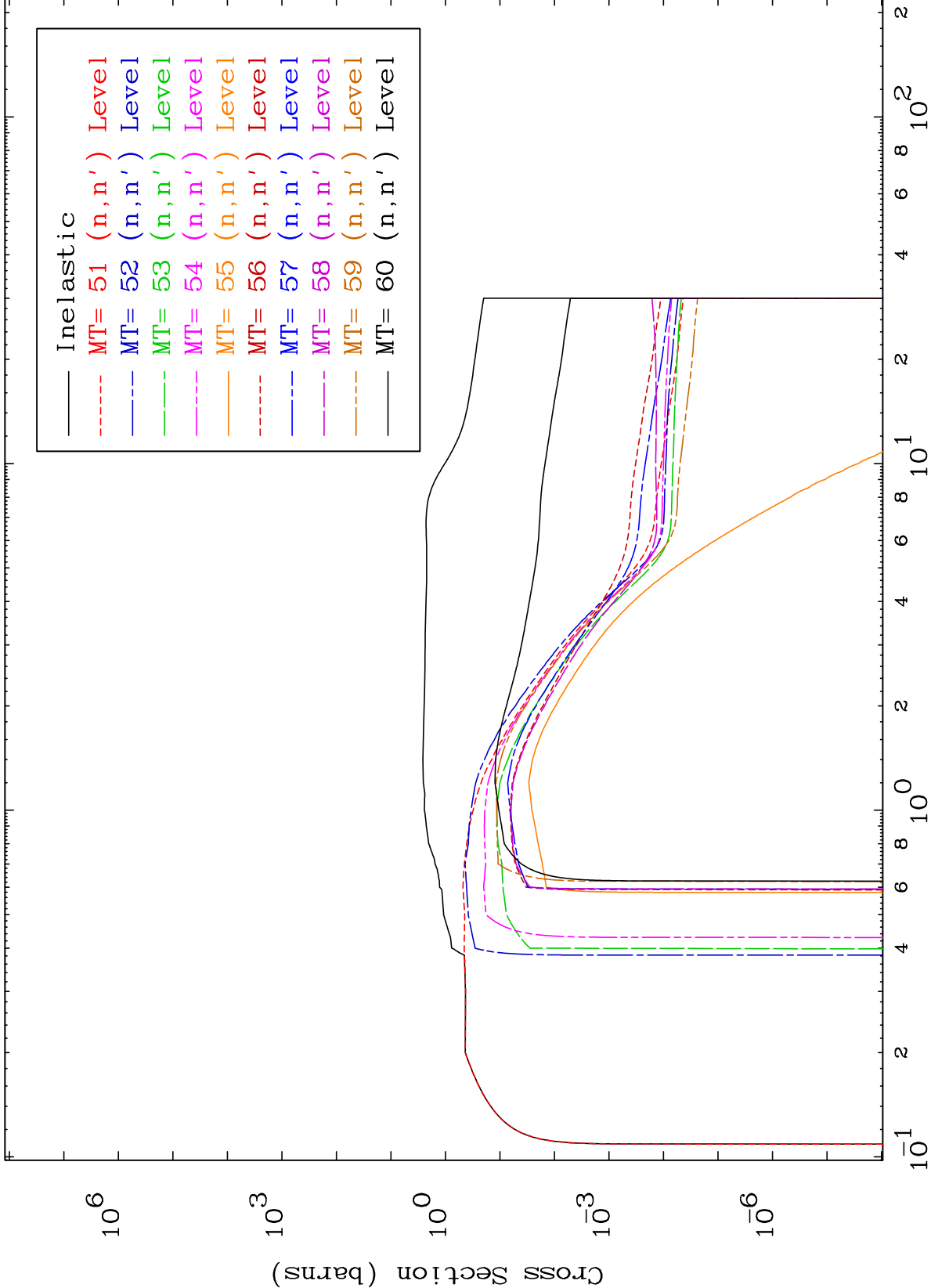


MAT 6422

(n,n') Levels

293 Kelvin Cross Sections

64-Gd-151



Incident Energy (MeV)

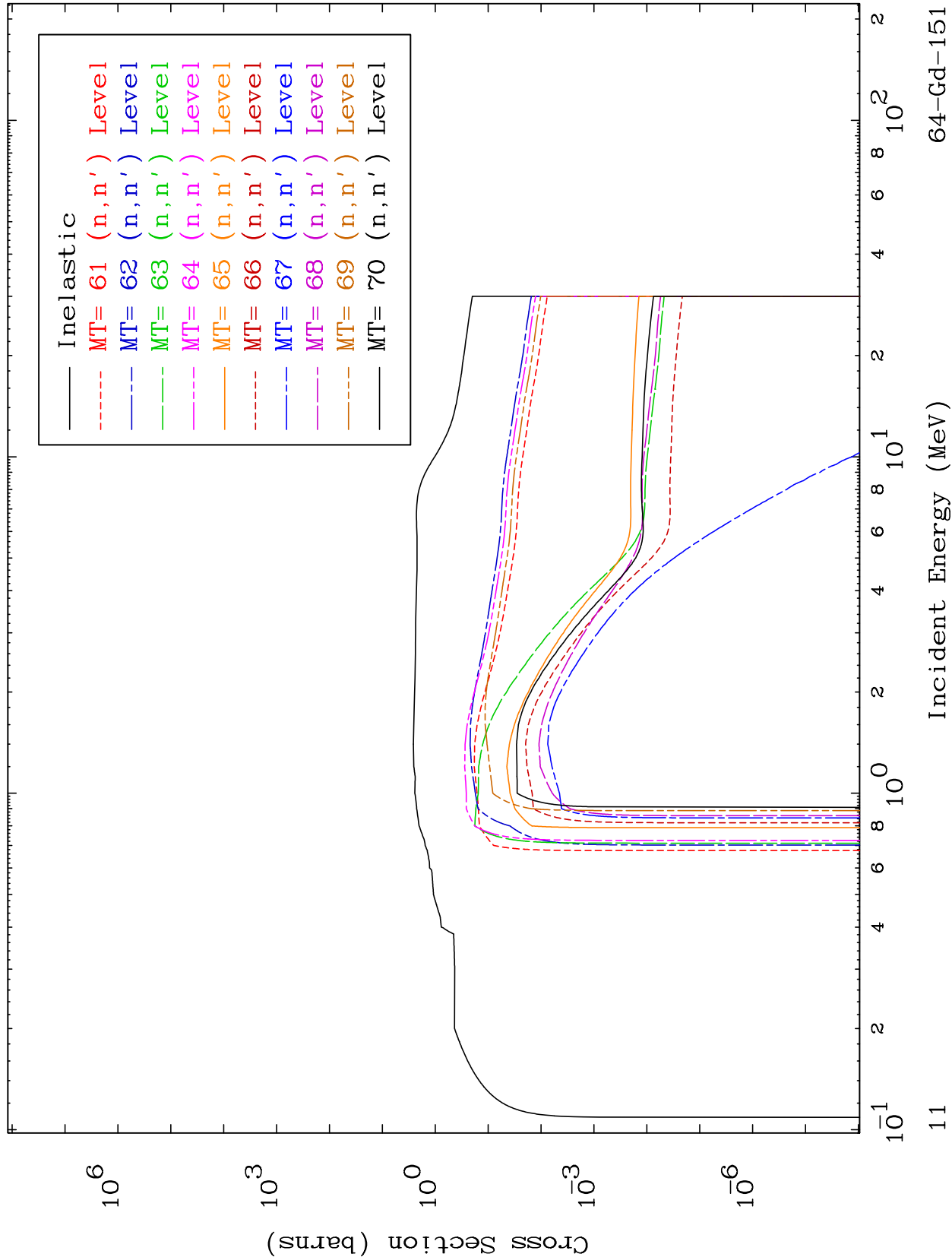
64-Gd-151

MAT 6422

(n,n') Levels

64-Gd-151

293 Kelvin Cross Sections



Incident Energy (MeV)

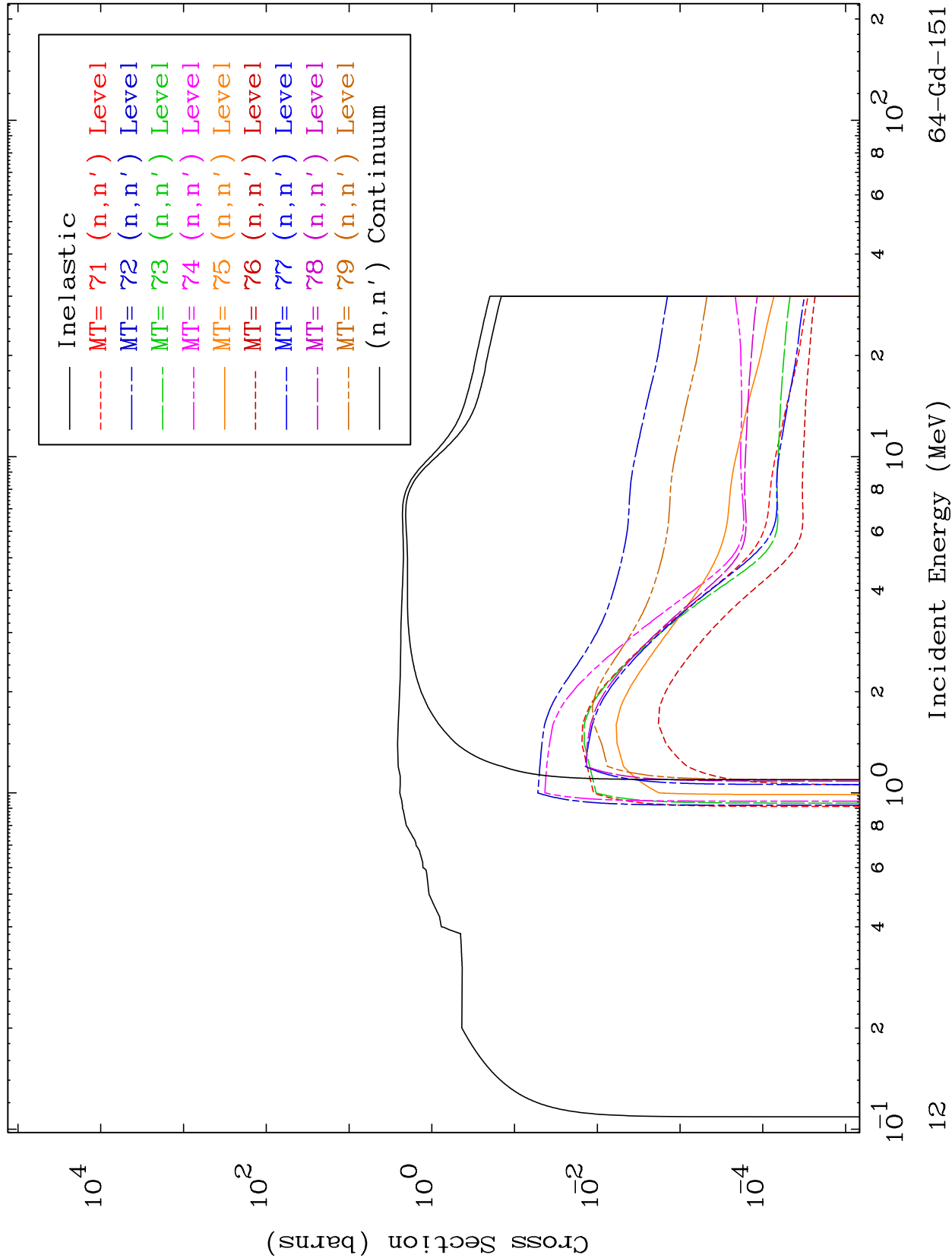
64-Gd-151

MAT 6422

(n,n') Levels

293 Kelvin Cross Sections

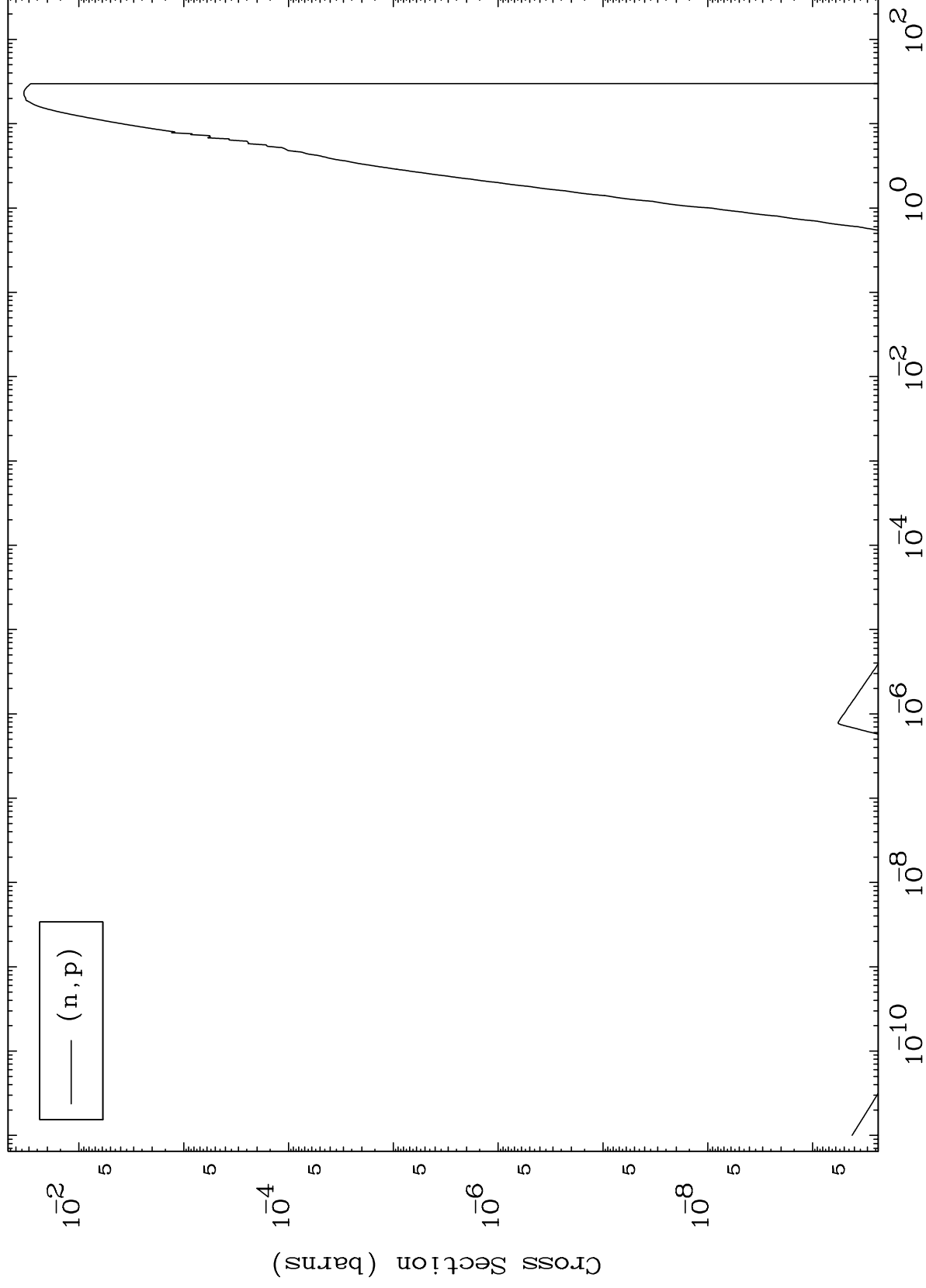
64-Gd-151



MAT 6422

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-151



13

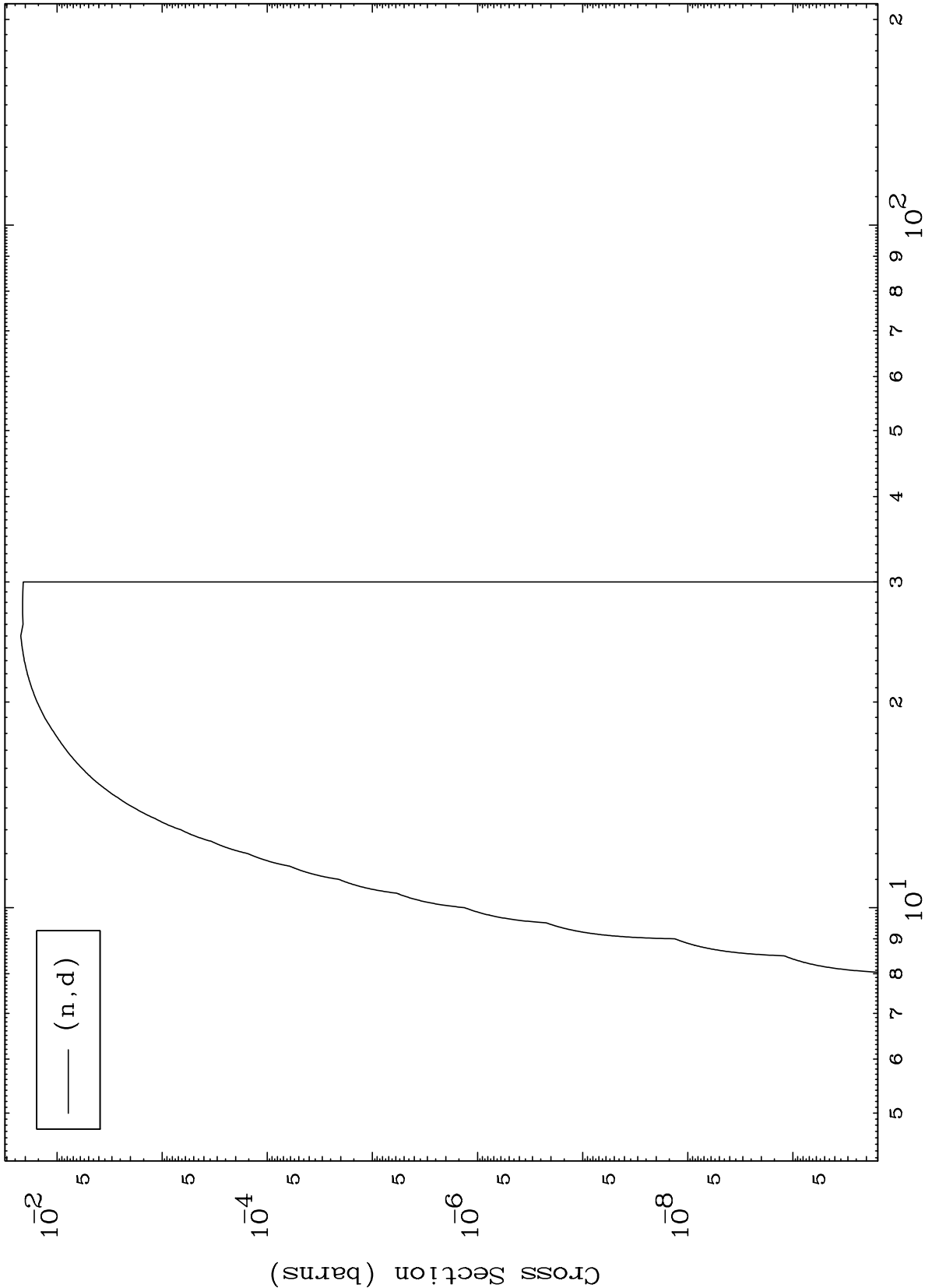
Incident Energy (MeV)

64-Gd-151

MAT 6422

(n,d) Levels
293 Kelvin Cross Sections

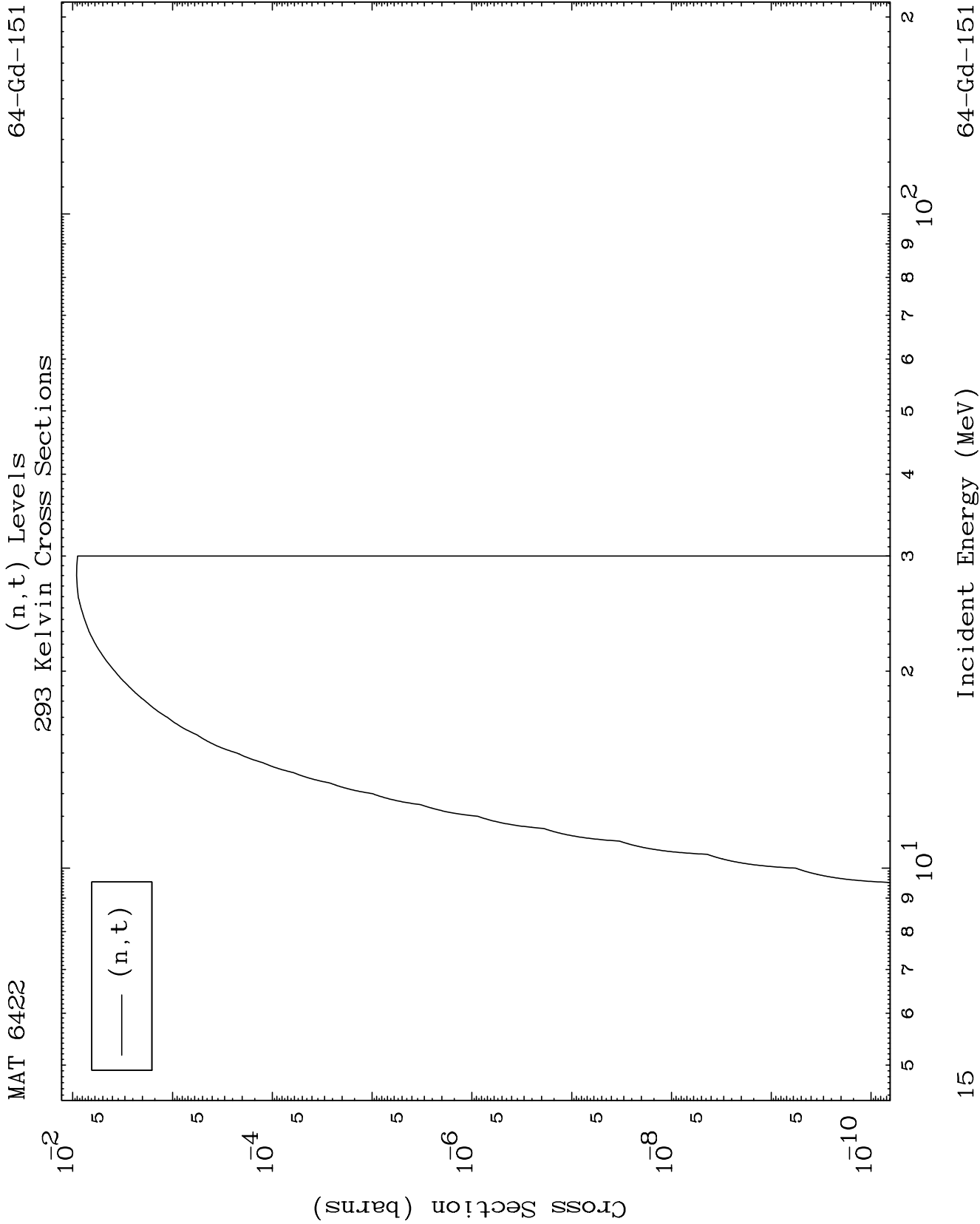
64-Gd-151



14

Incident Energy (MeV)

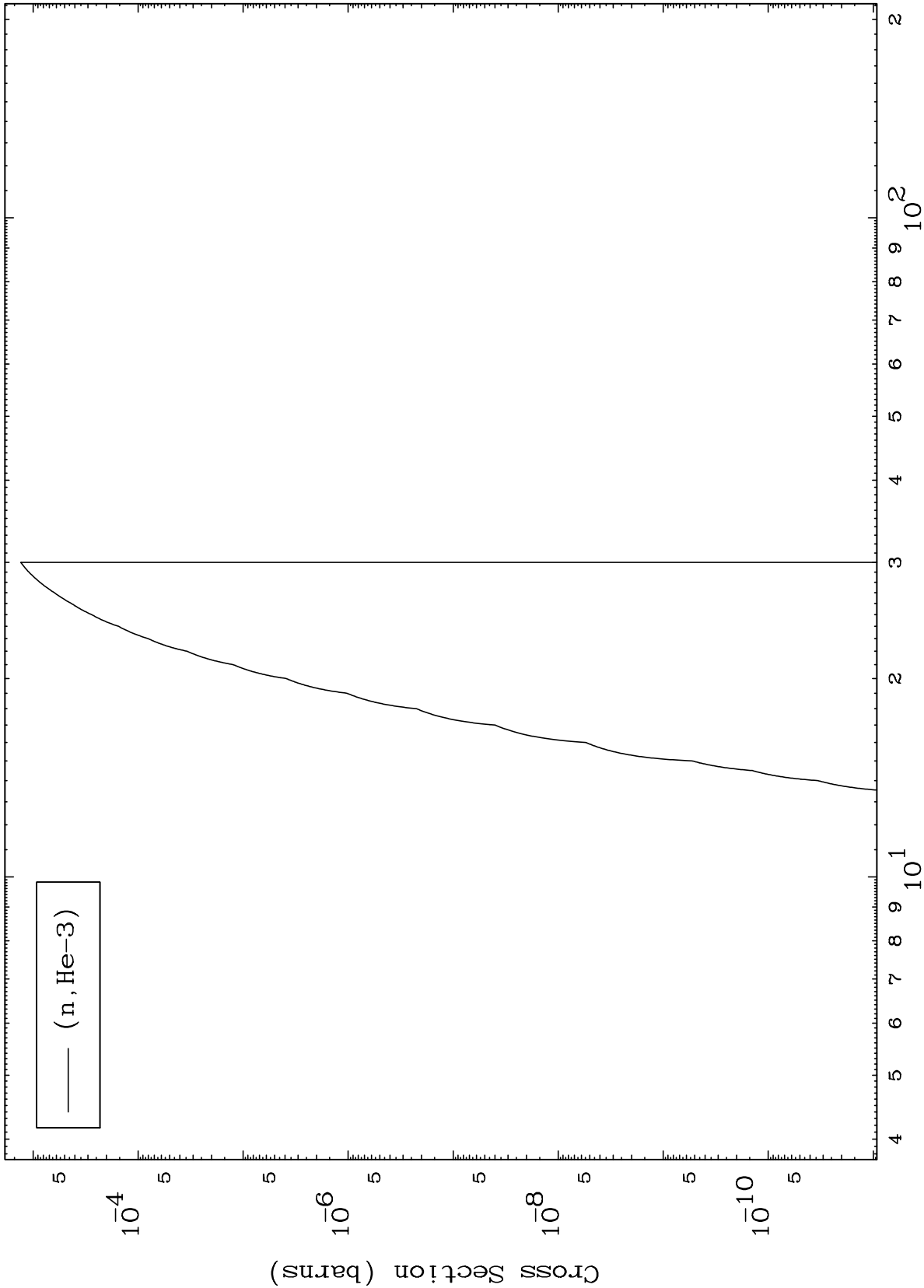
64-Gd-151



MAT 6422

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-151



16

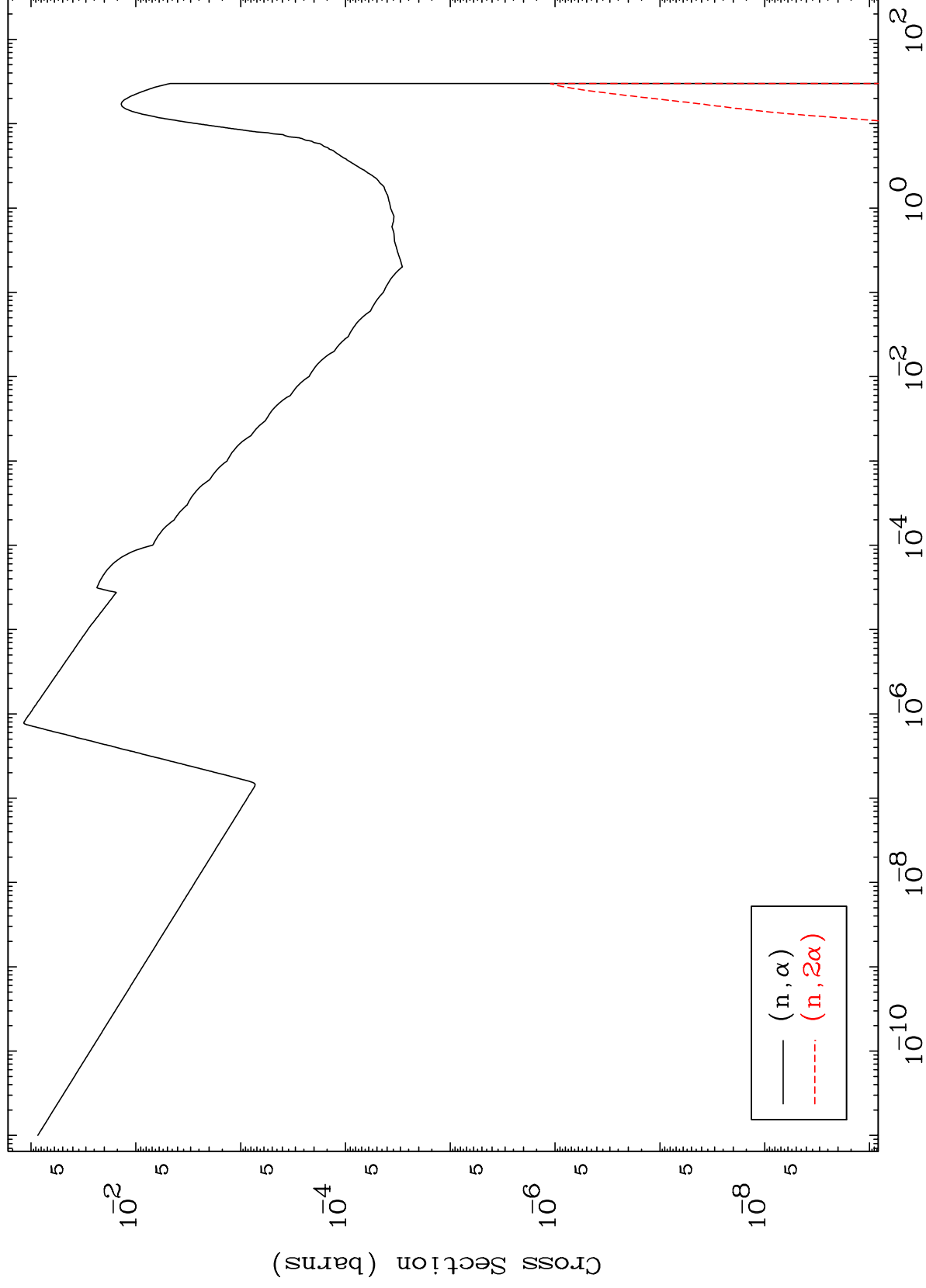
Incident Energy (MeV)

64-Gd-151

MAT 6422

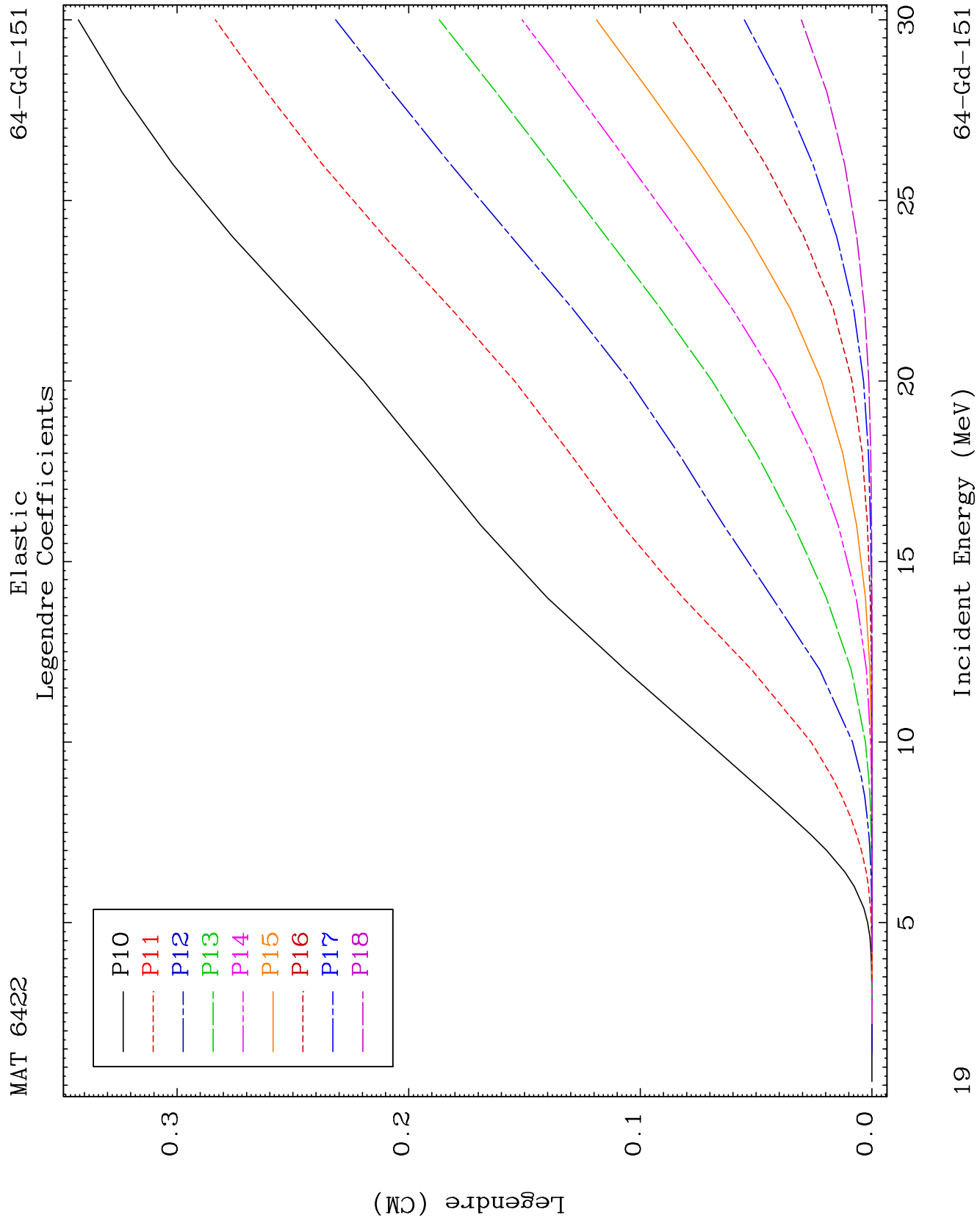
64-Gd-151

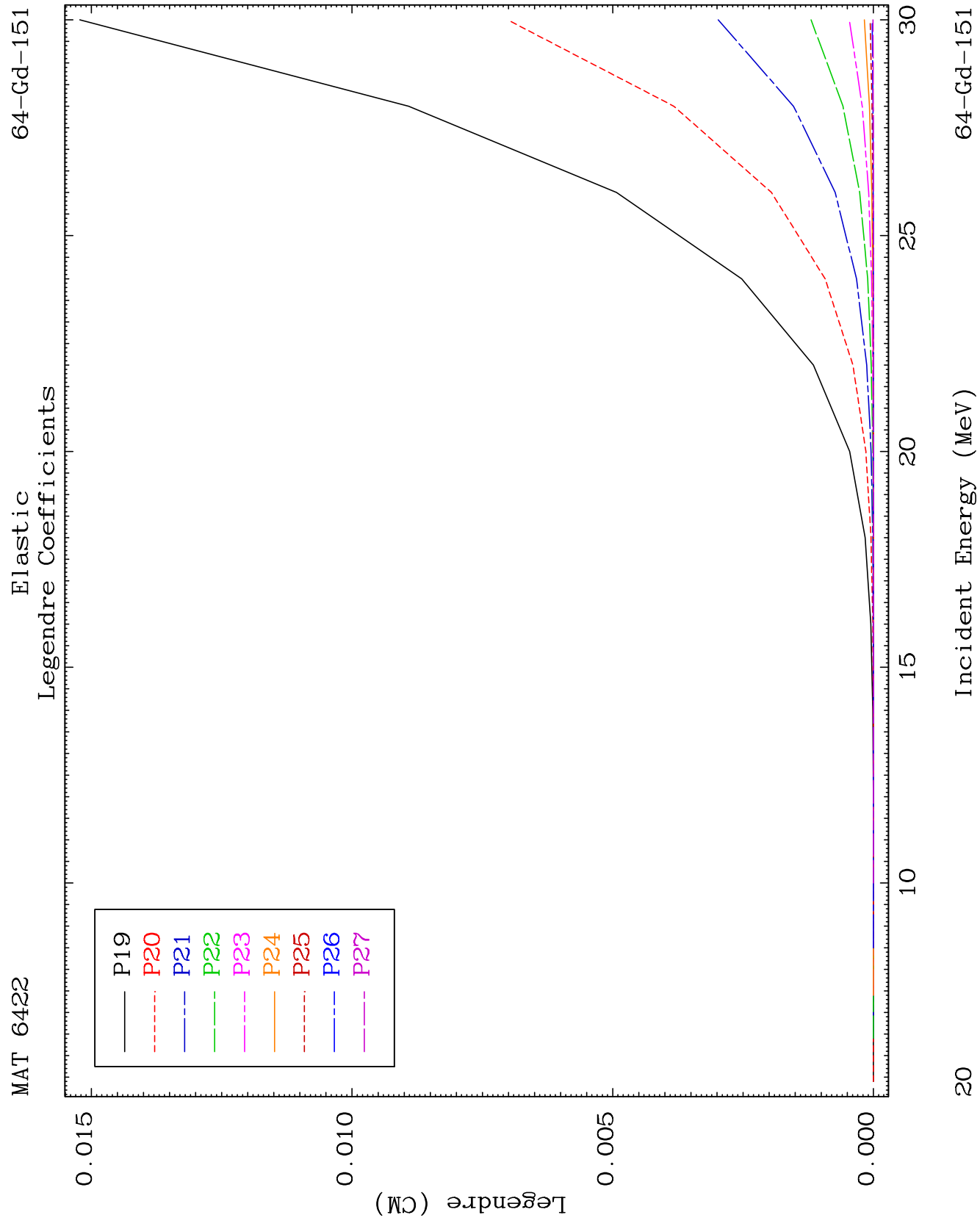
(n, α) Levels
293 Kelvin Cross Sections

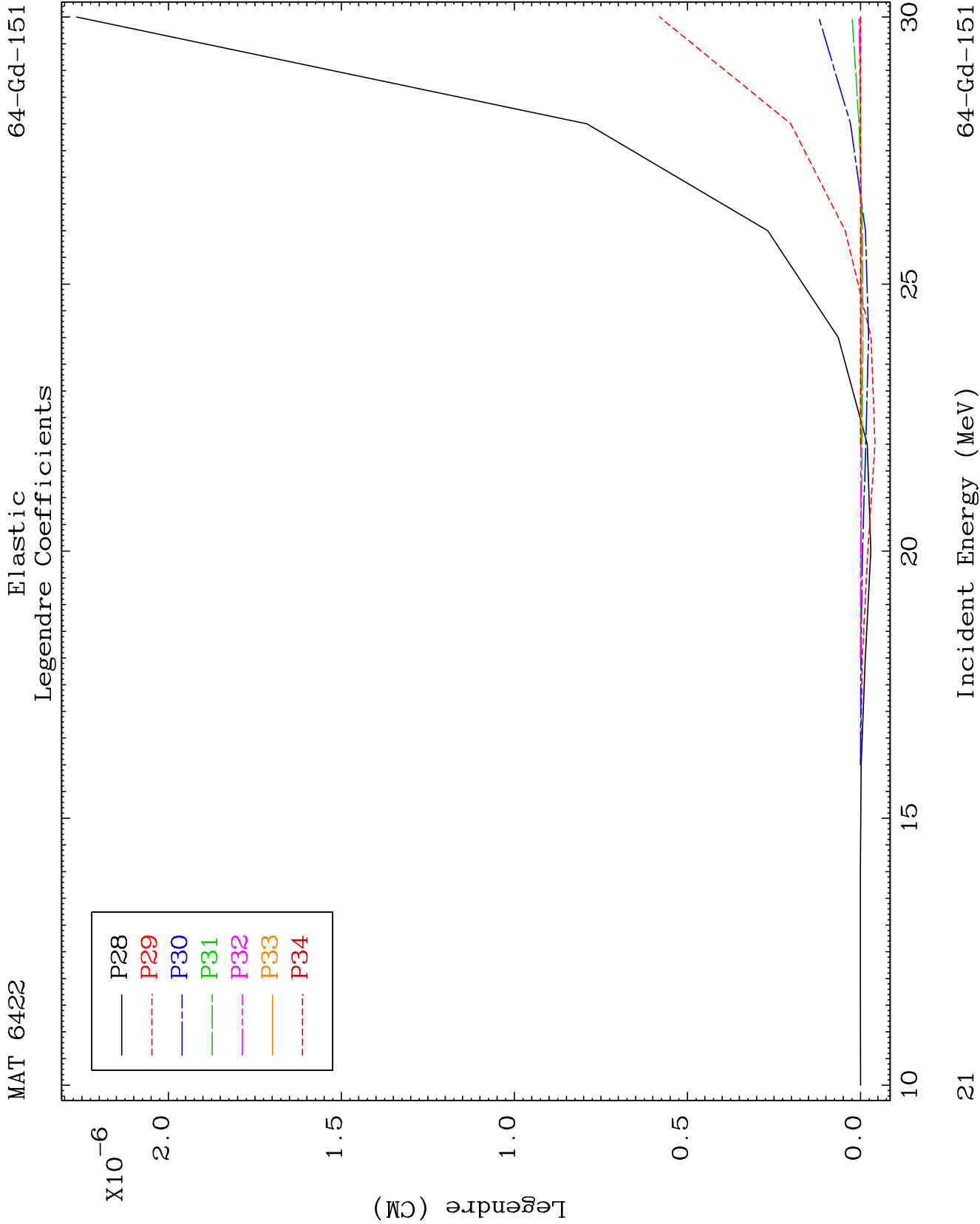


17

64-Gd-151



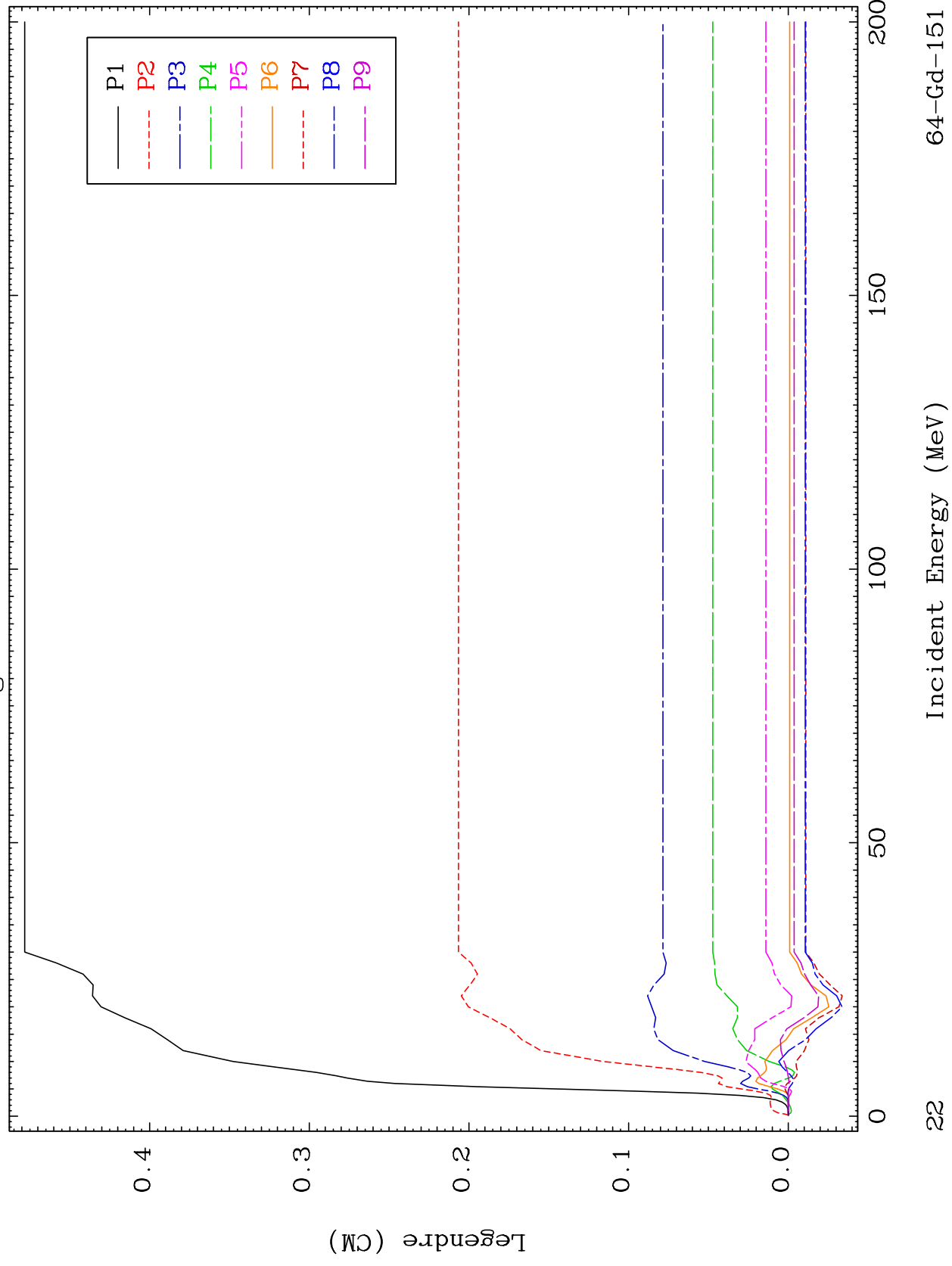




MAT 6422

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

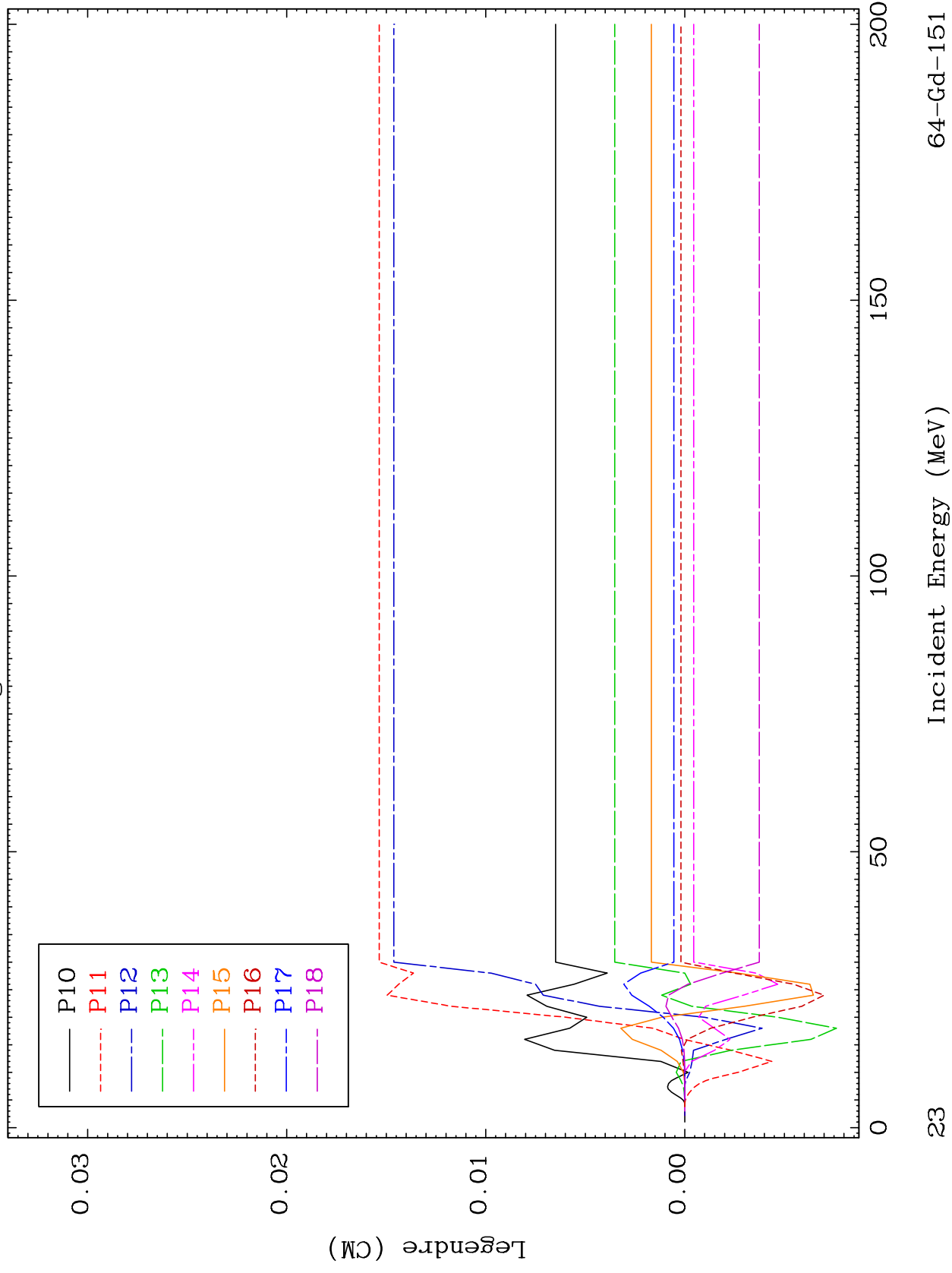
64-Gd-151

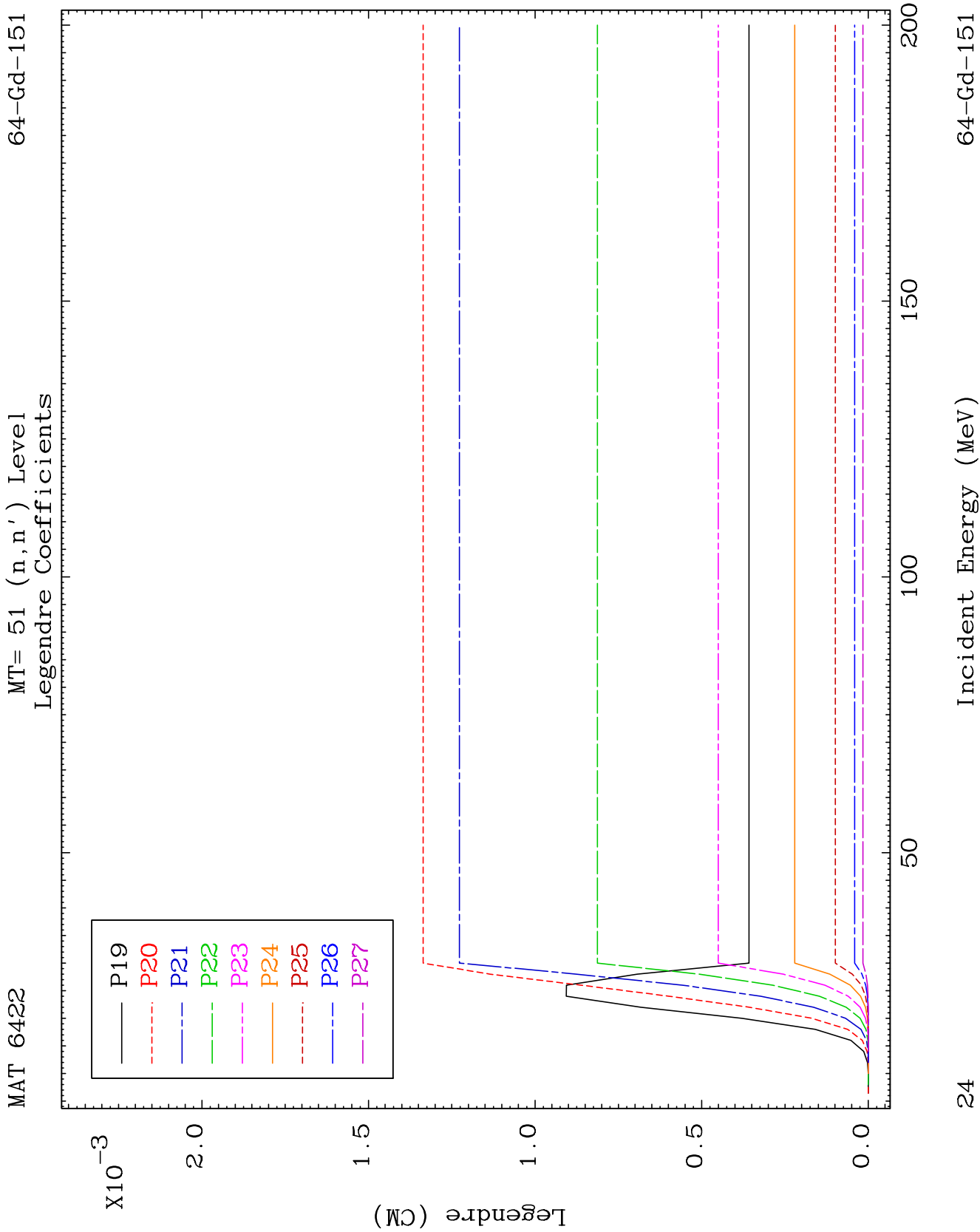


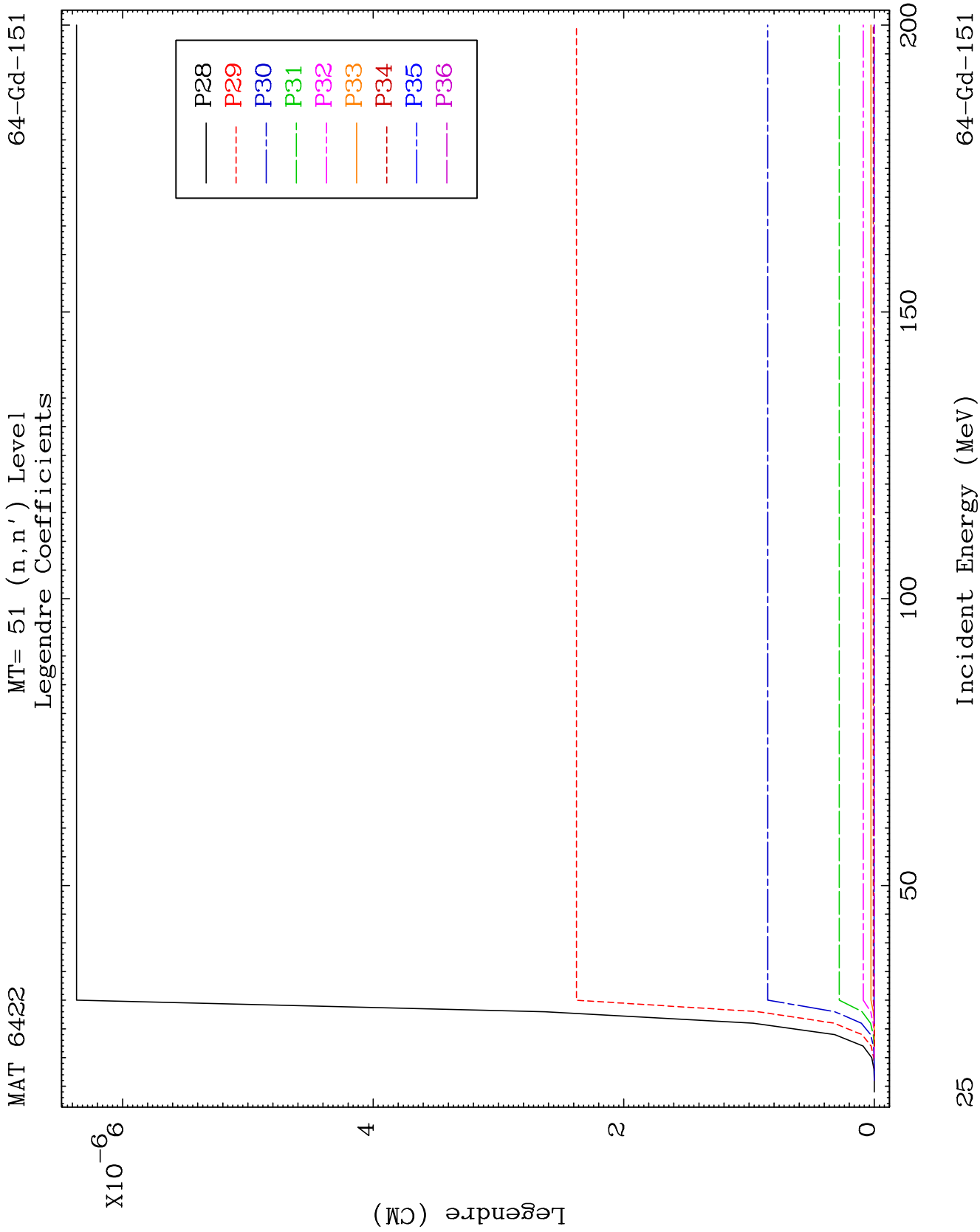
MAT 6422

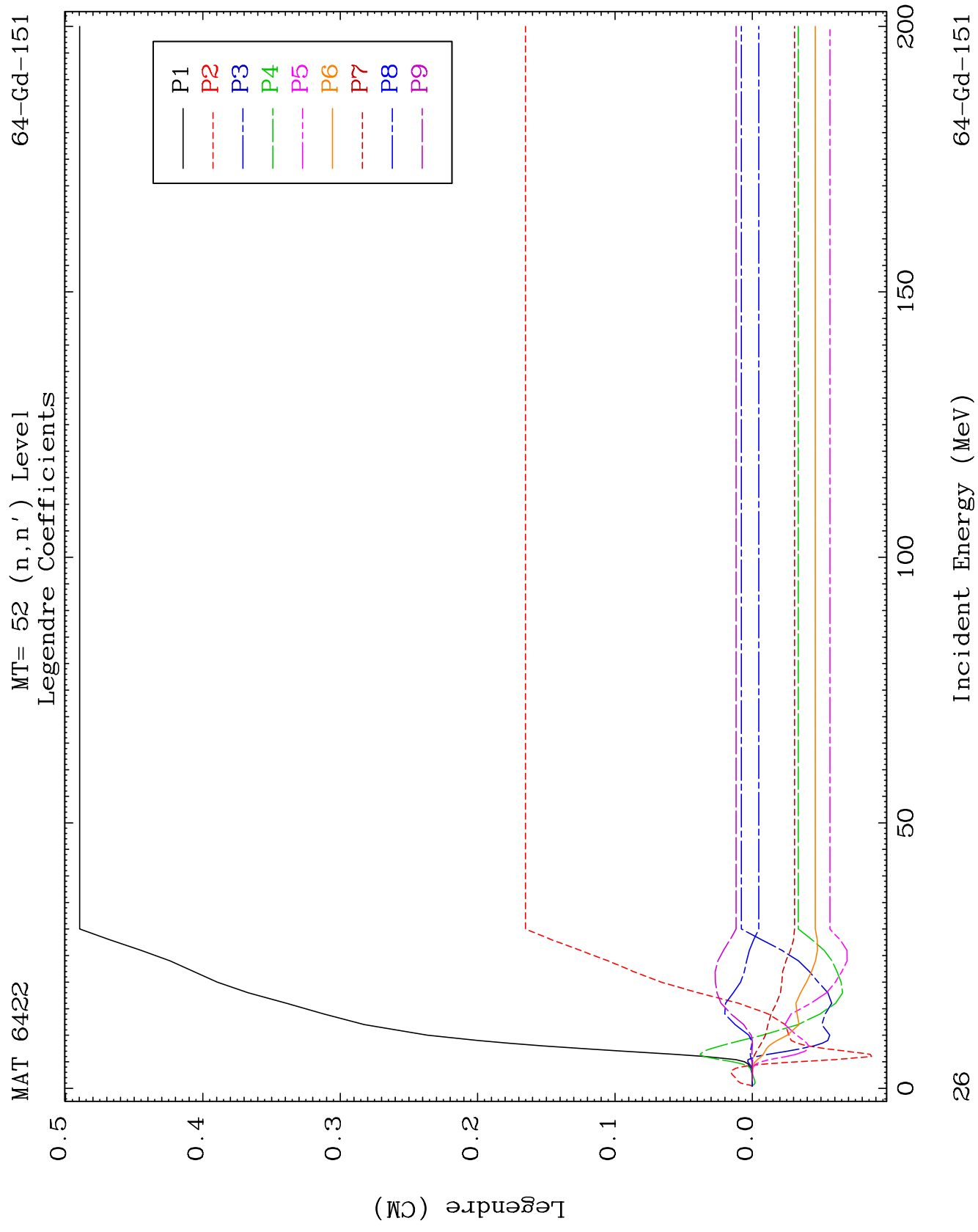
MT= 51 (n, n') Level
Legendre Coefficients

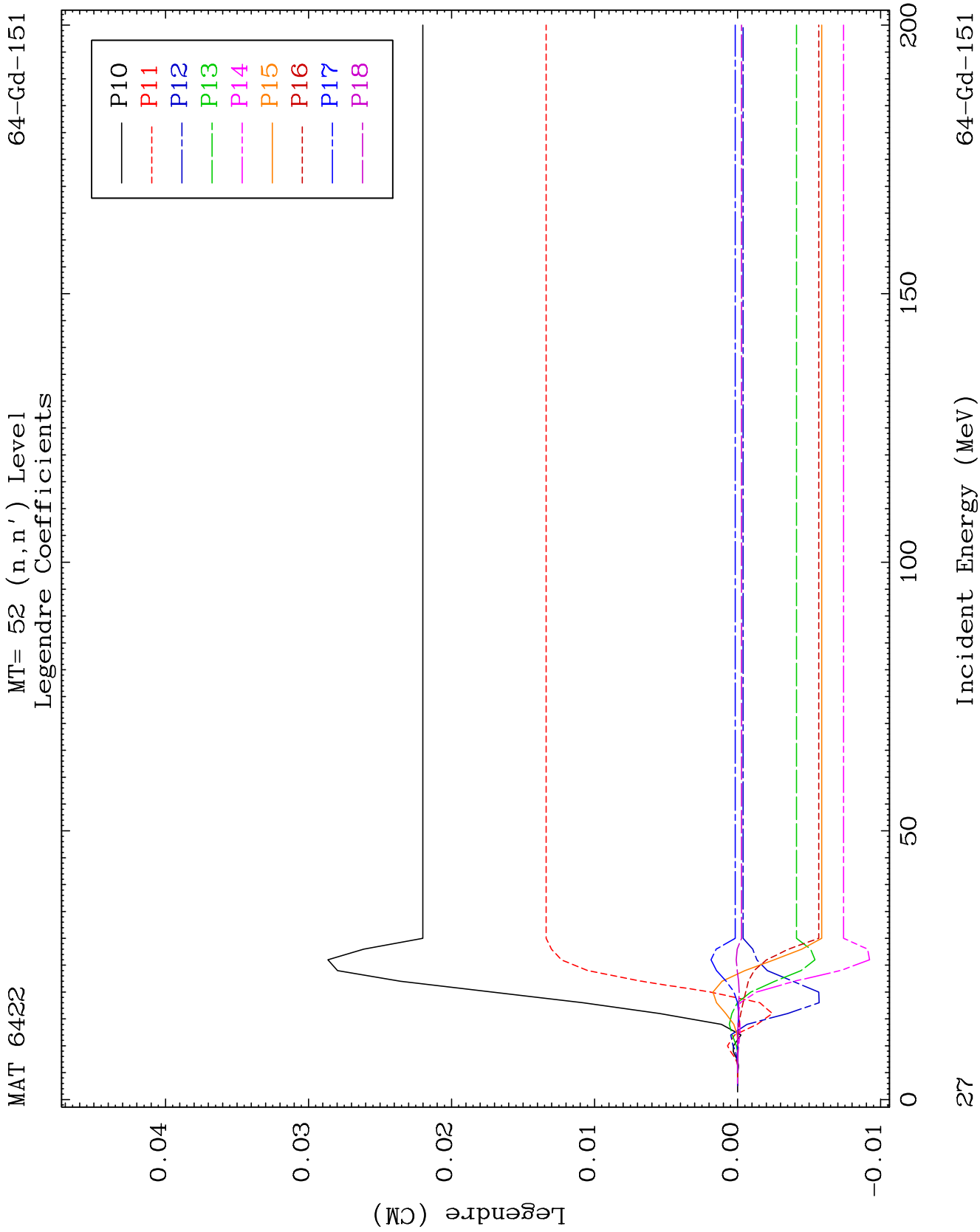
64-Gd-151

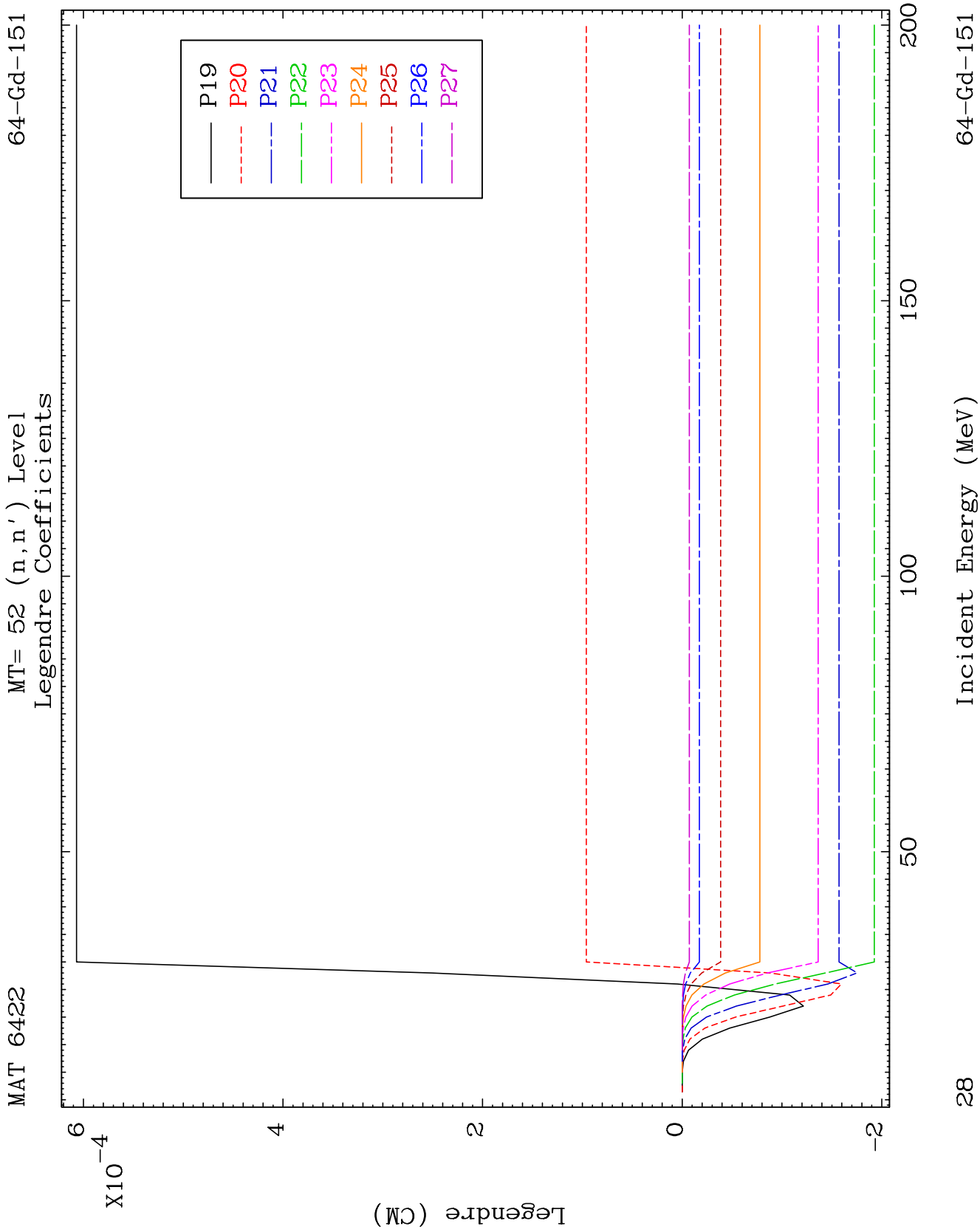


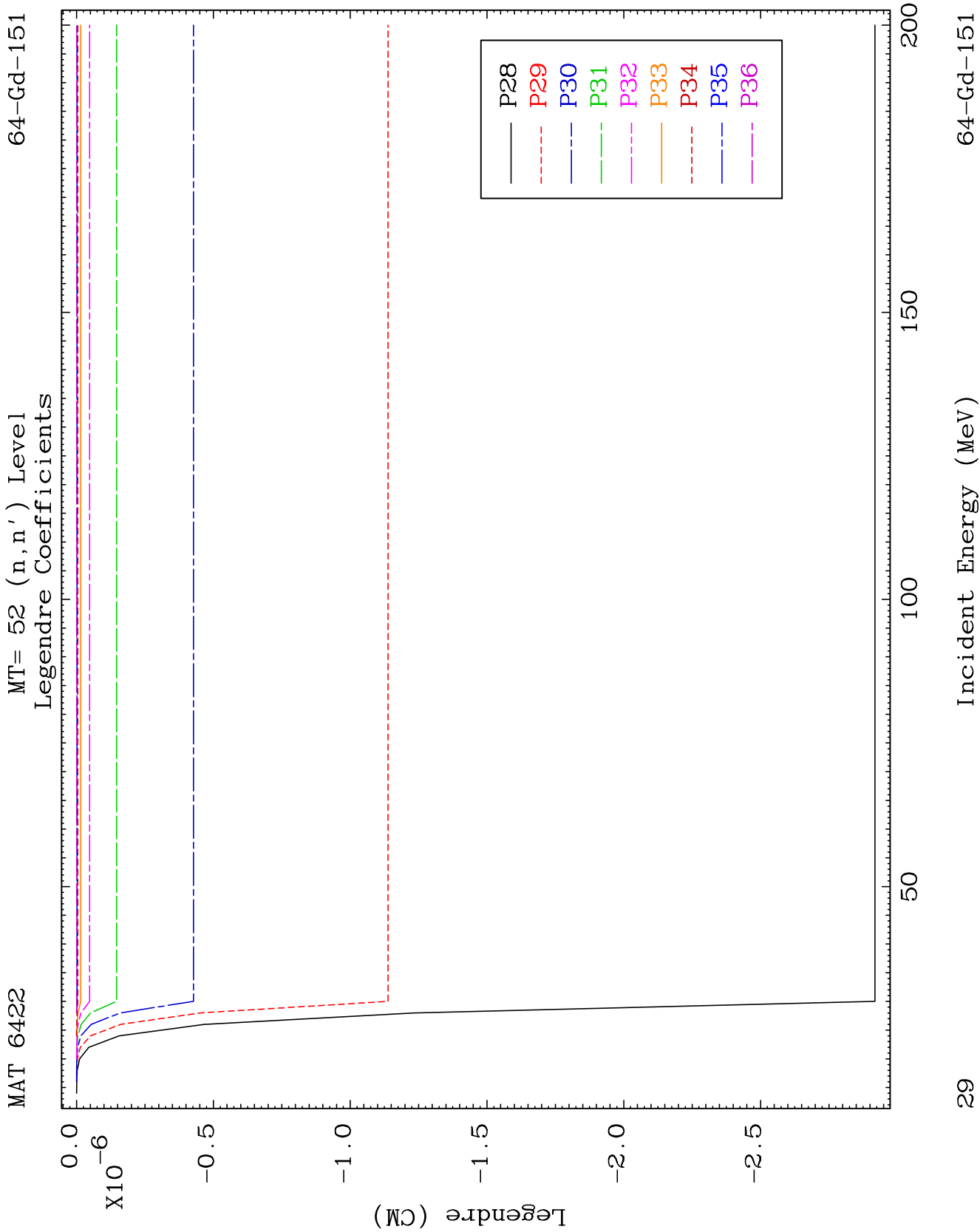








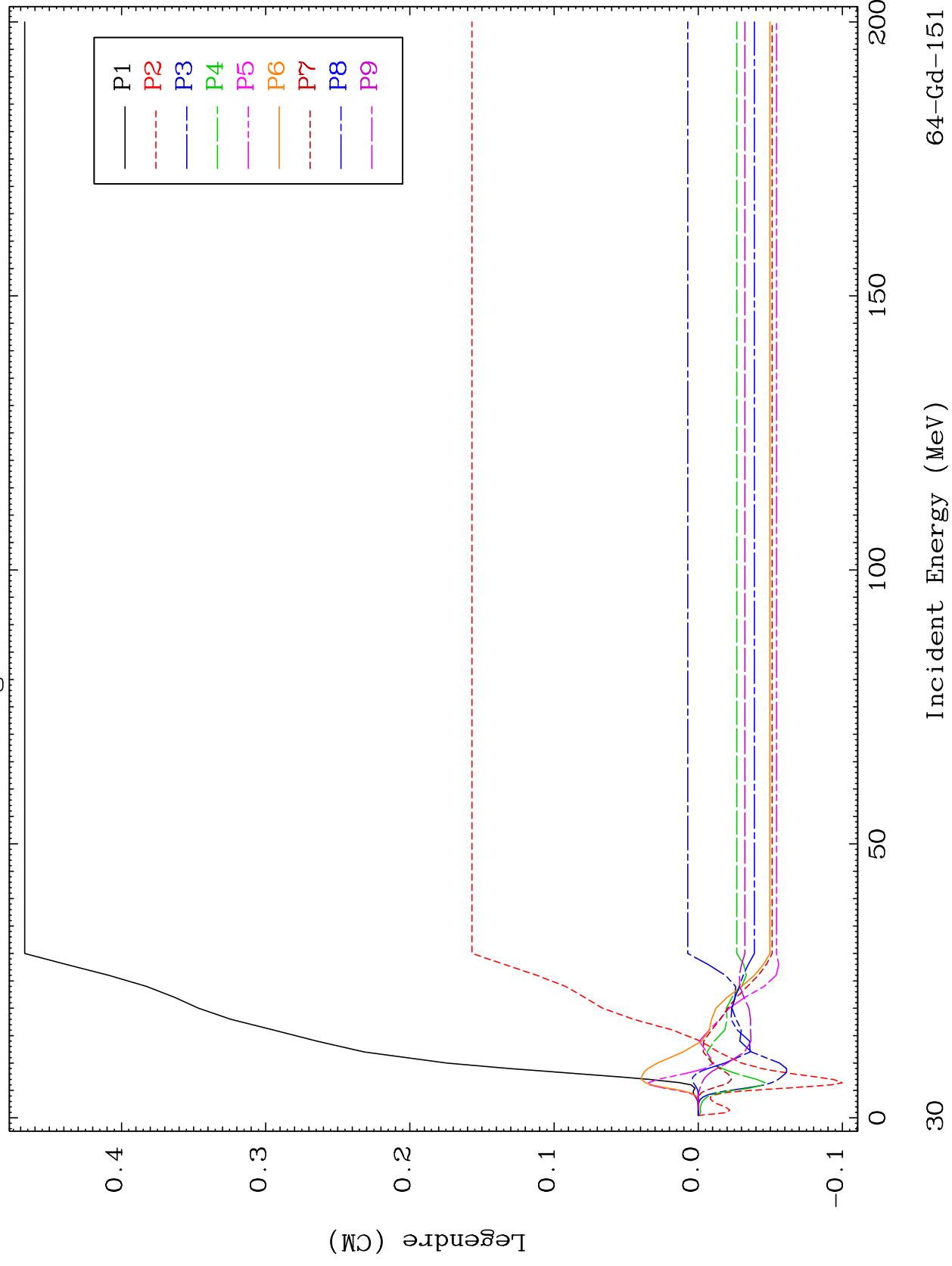




MAT 6422

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

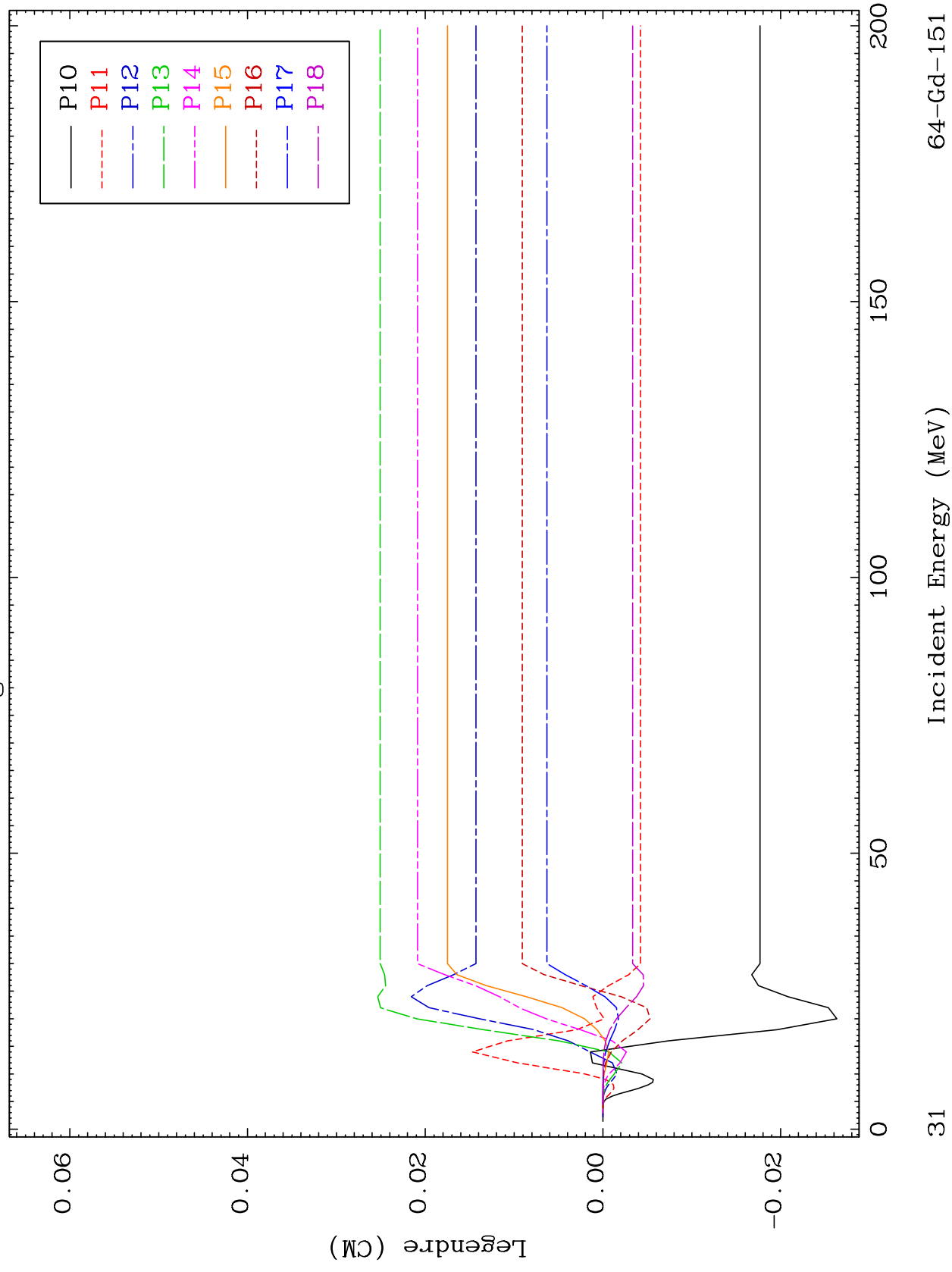
64-Gd-151

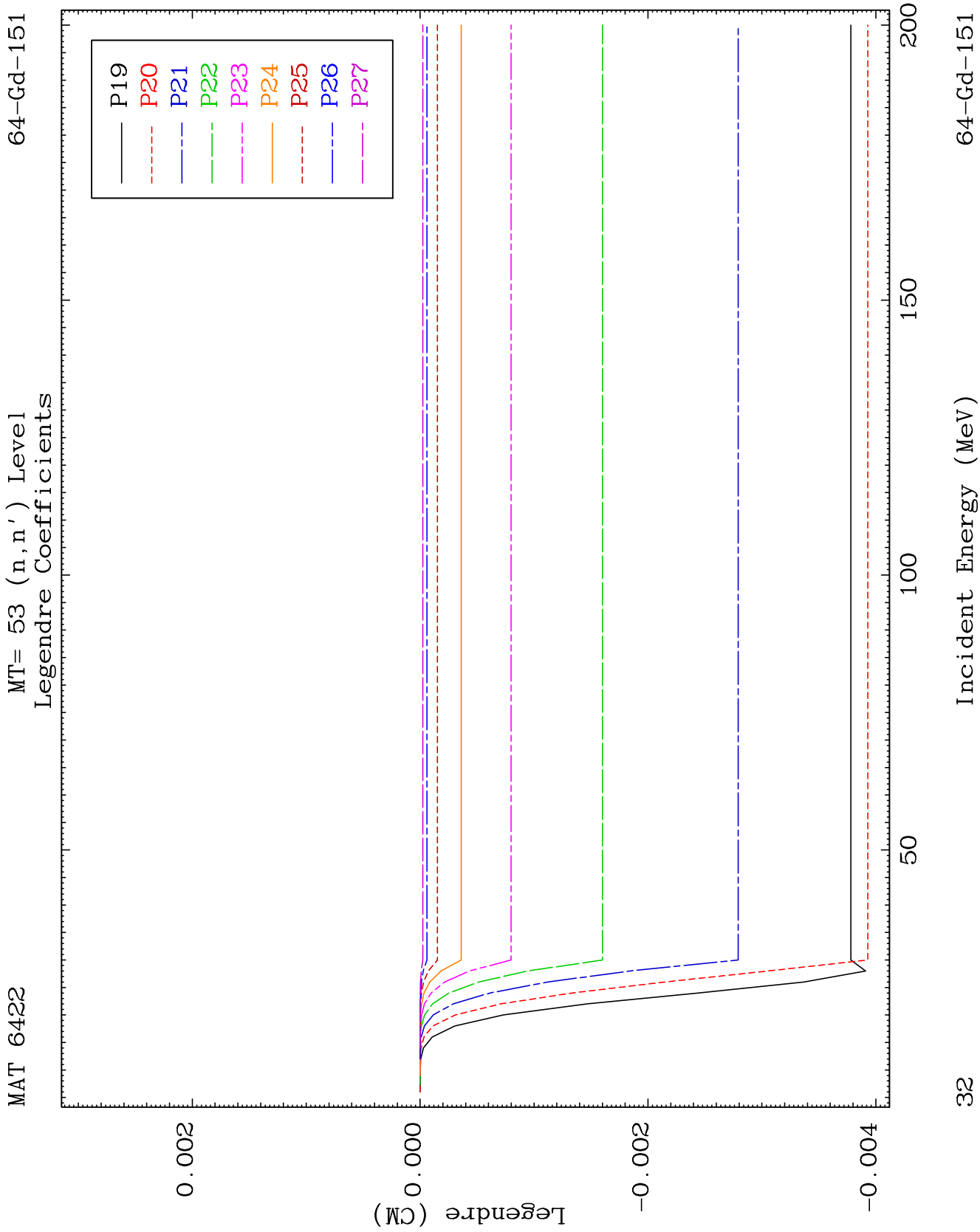


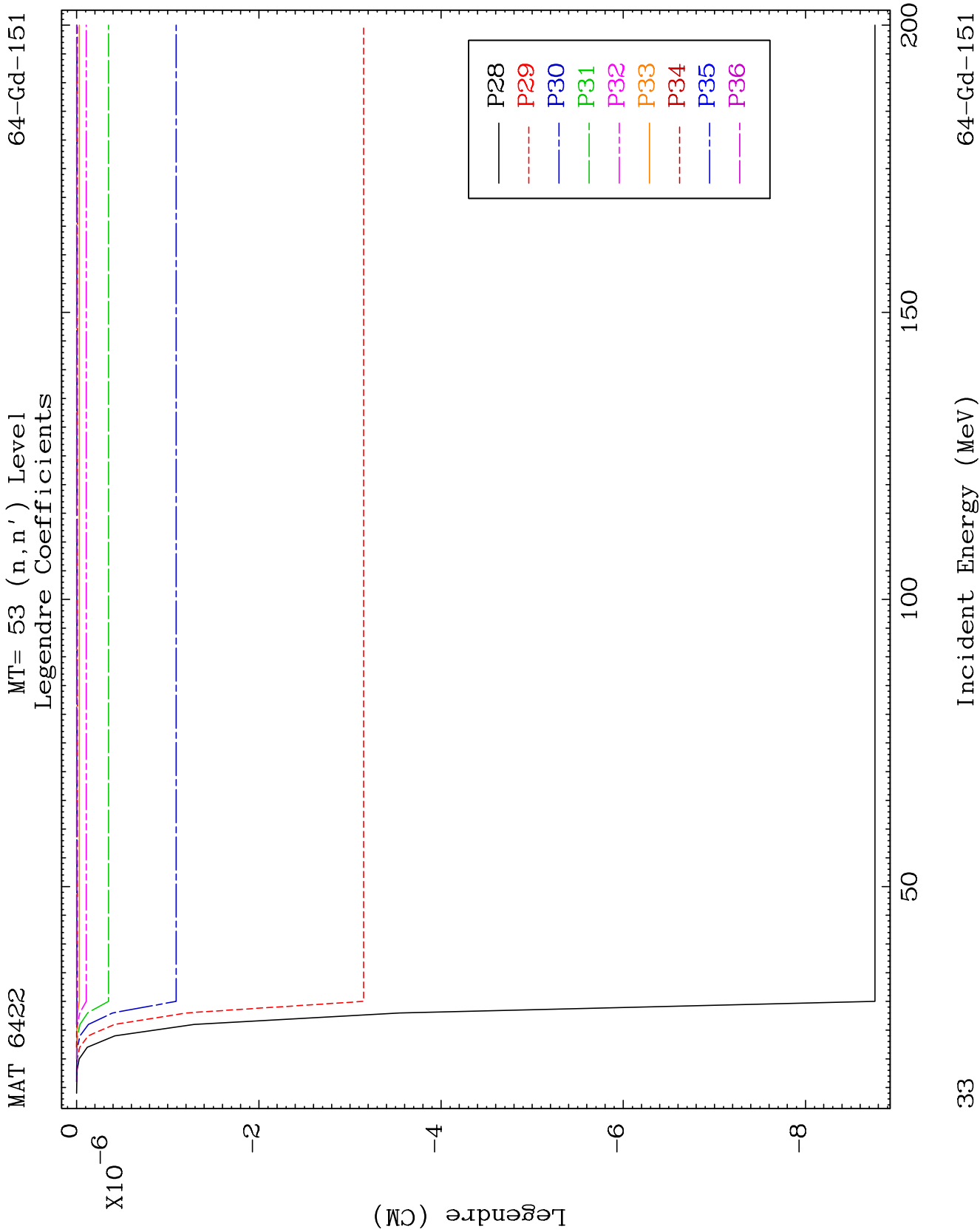
MAT 6422

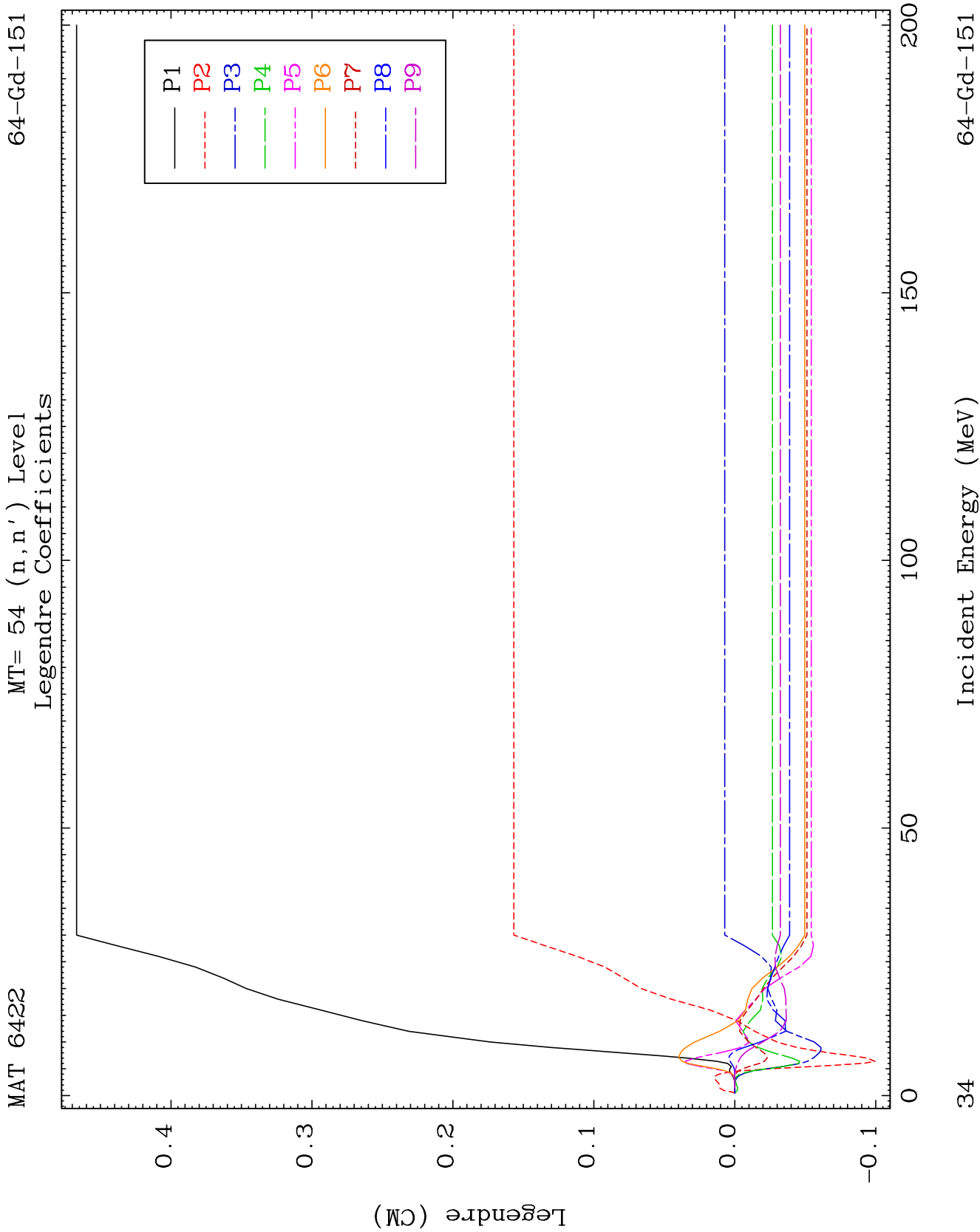
MT= 53 (n, n') Level
Legendre Coefficients

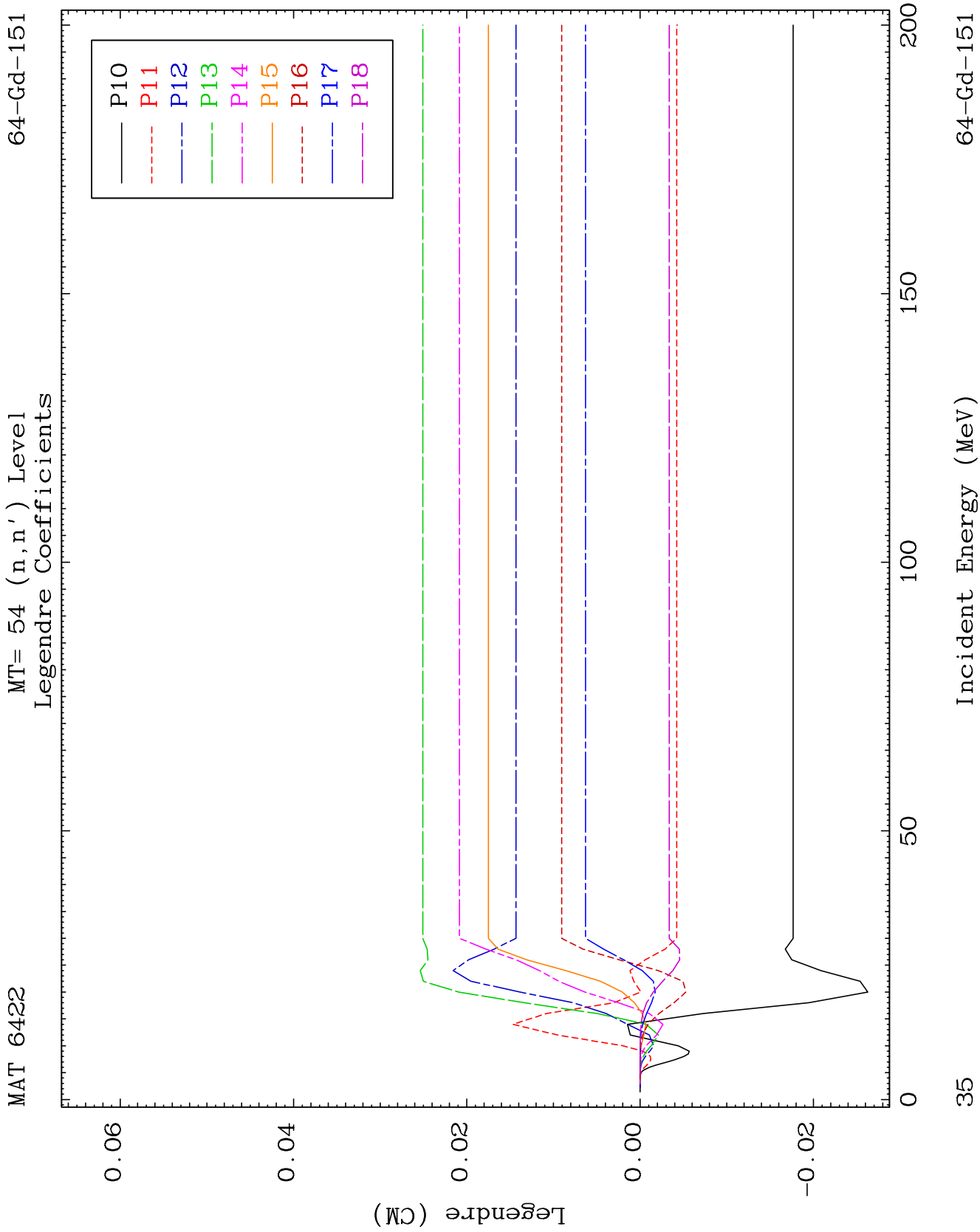
64-Gd-151







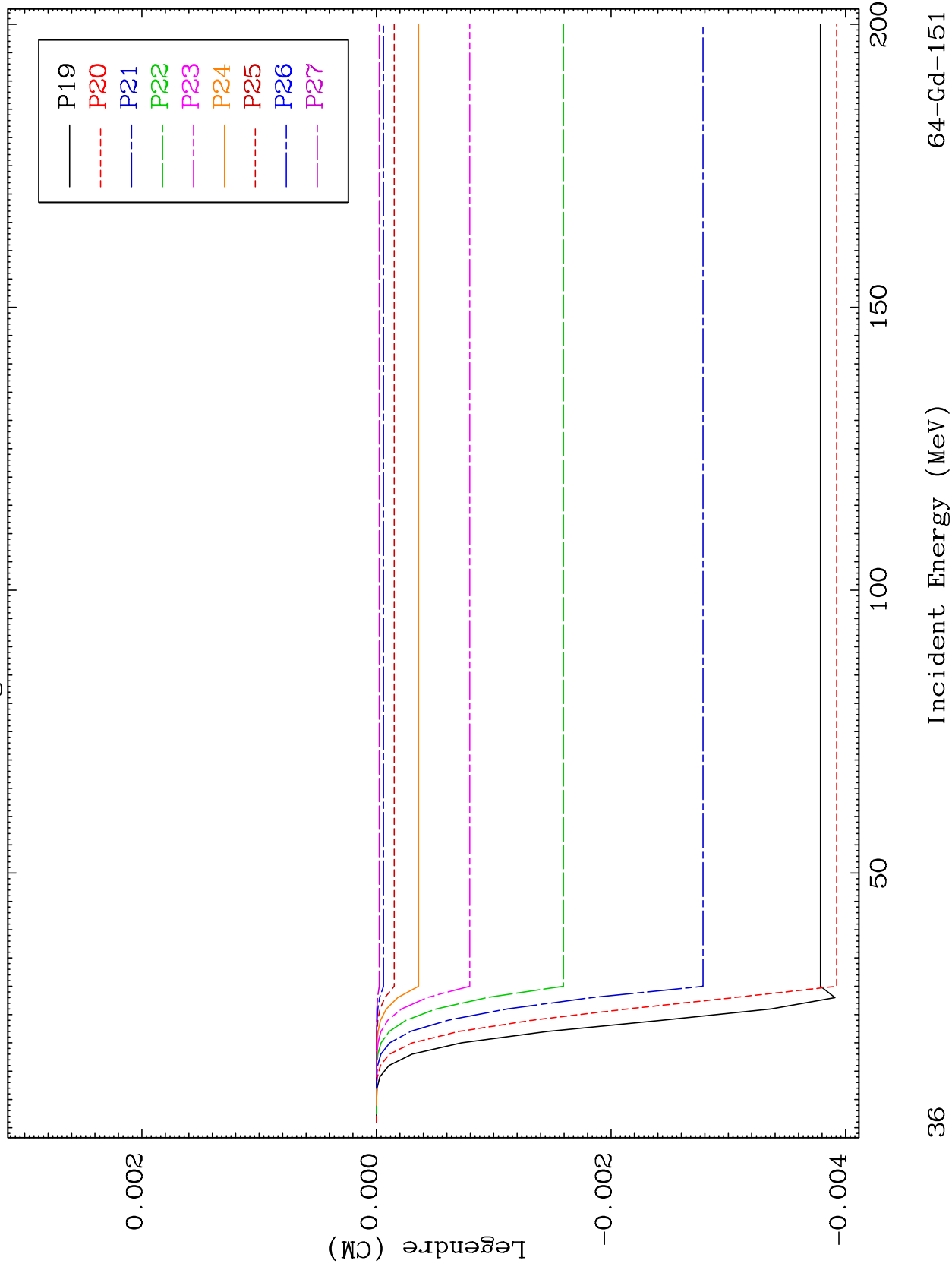


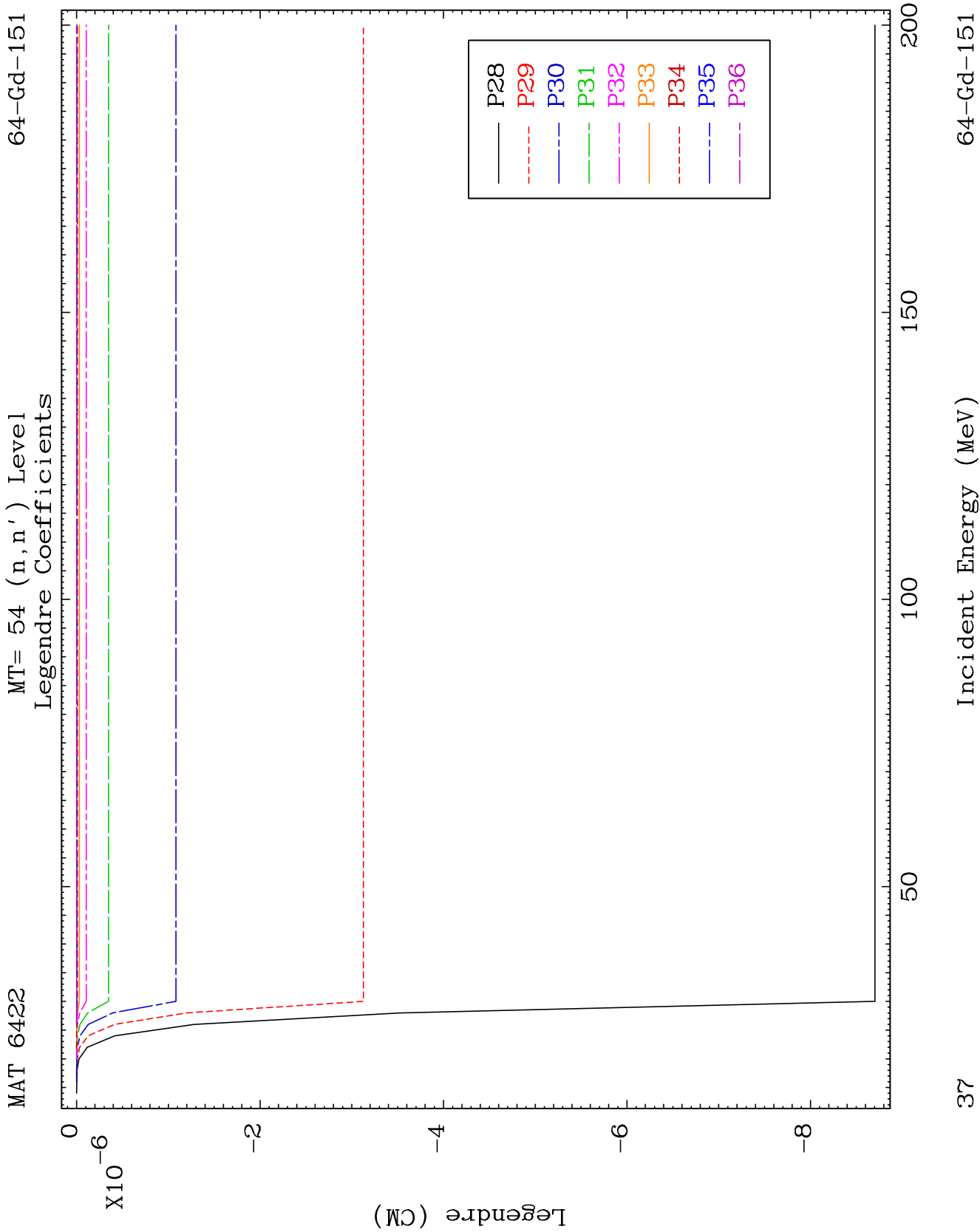


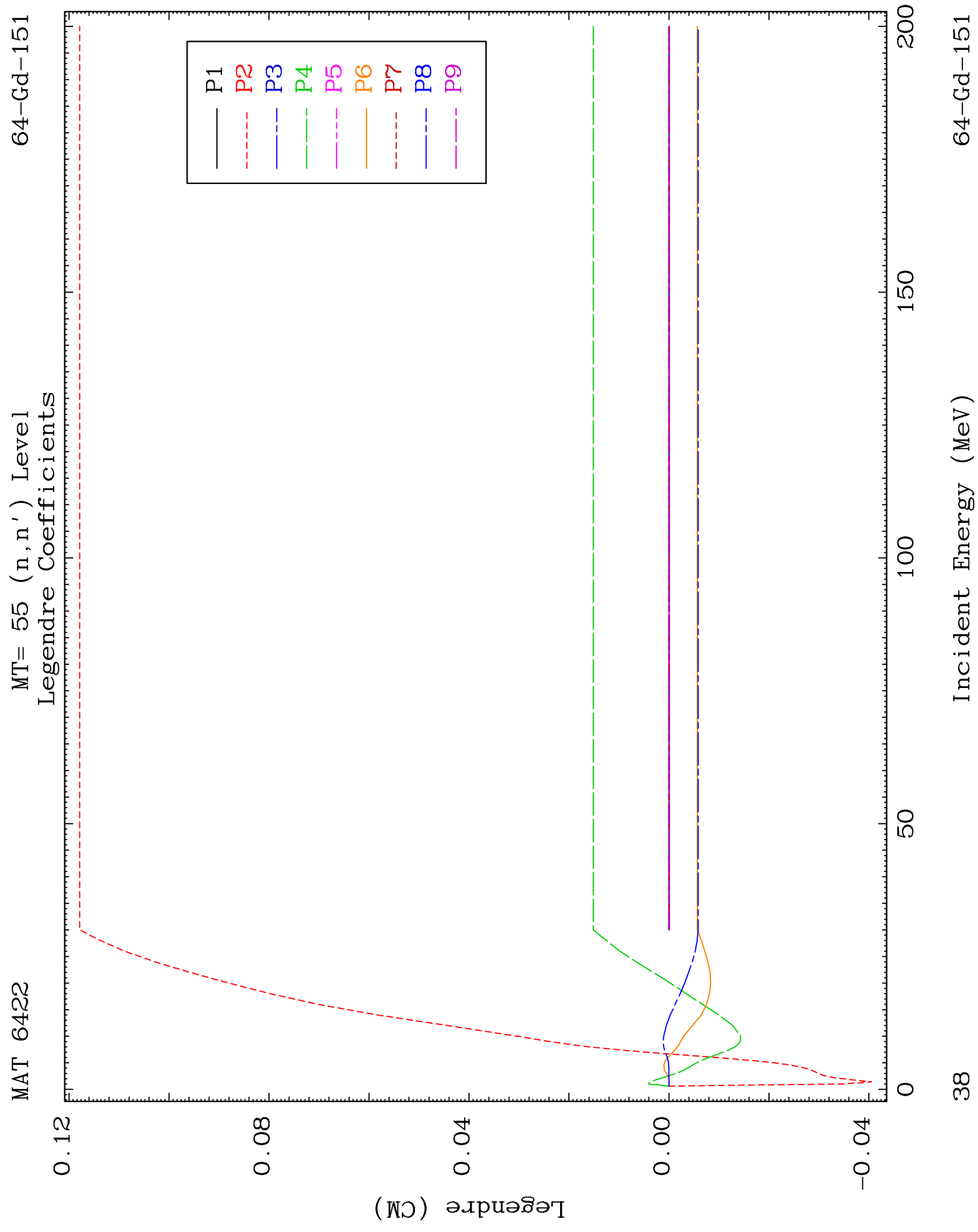
MAT 6422

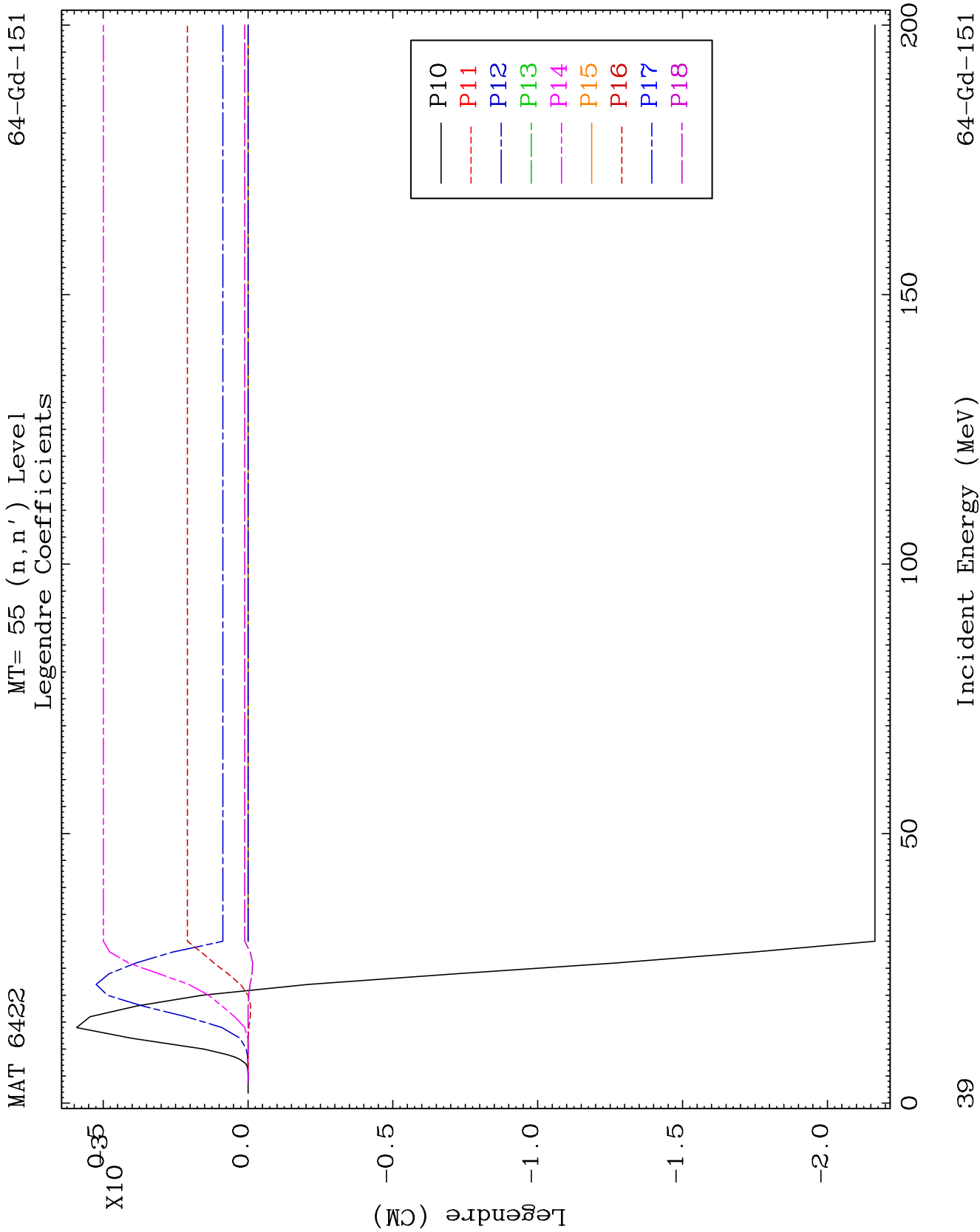
MT= 54 (n, n') Level
Legendre Coefficients

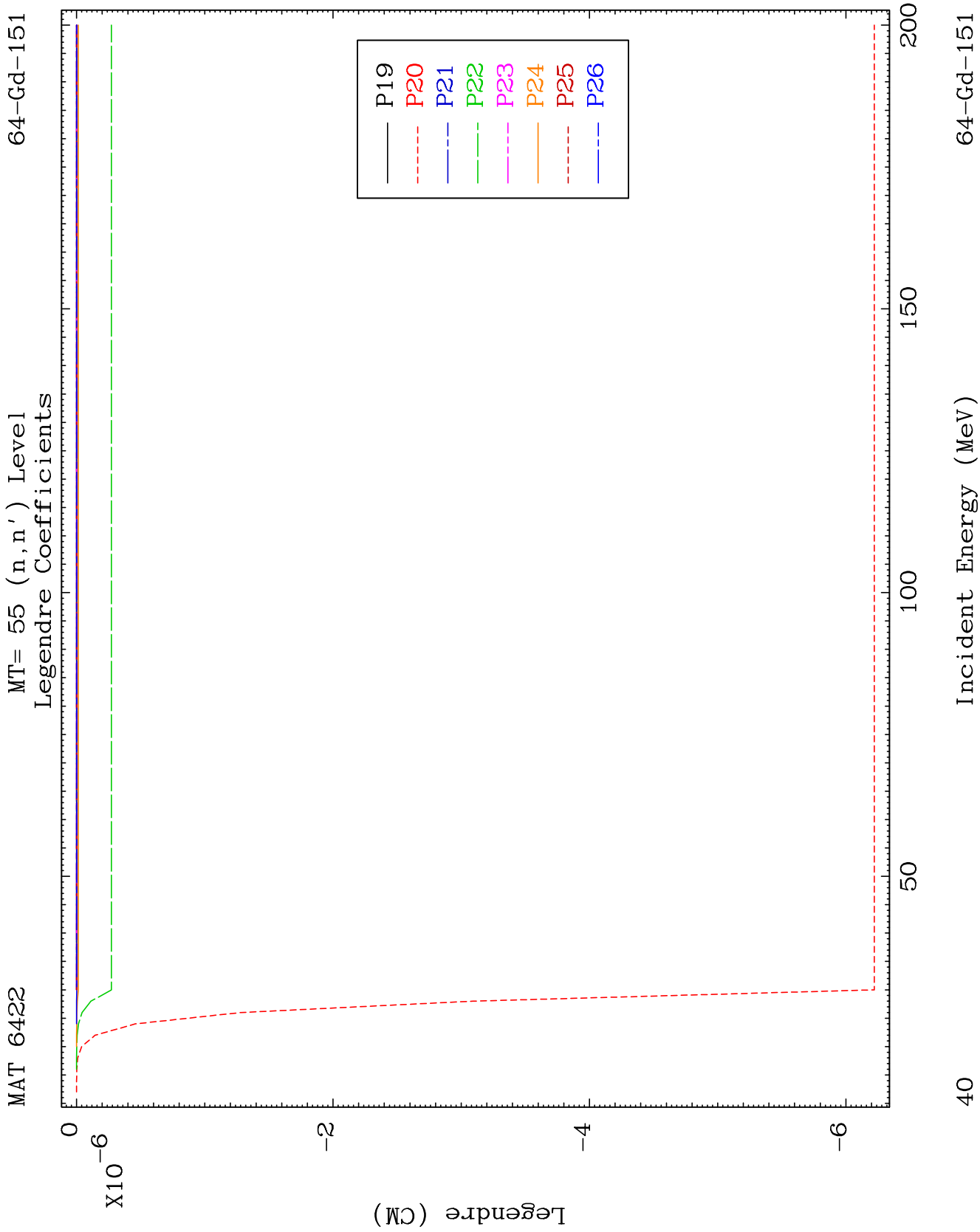
64-Gd-151

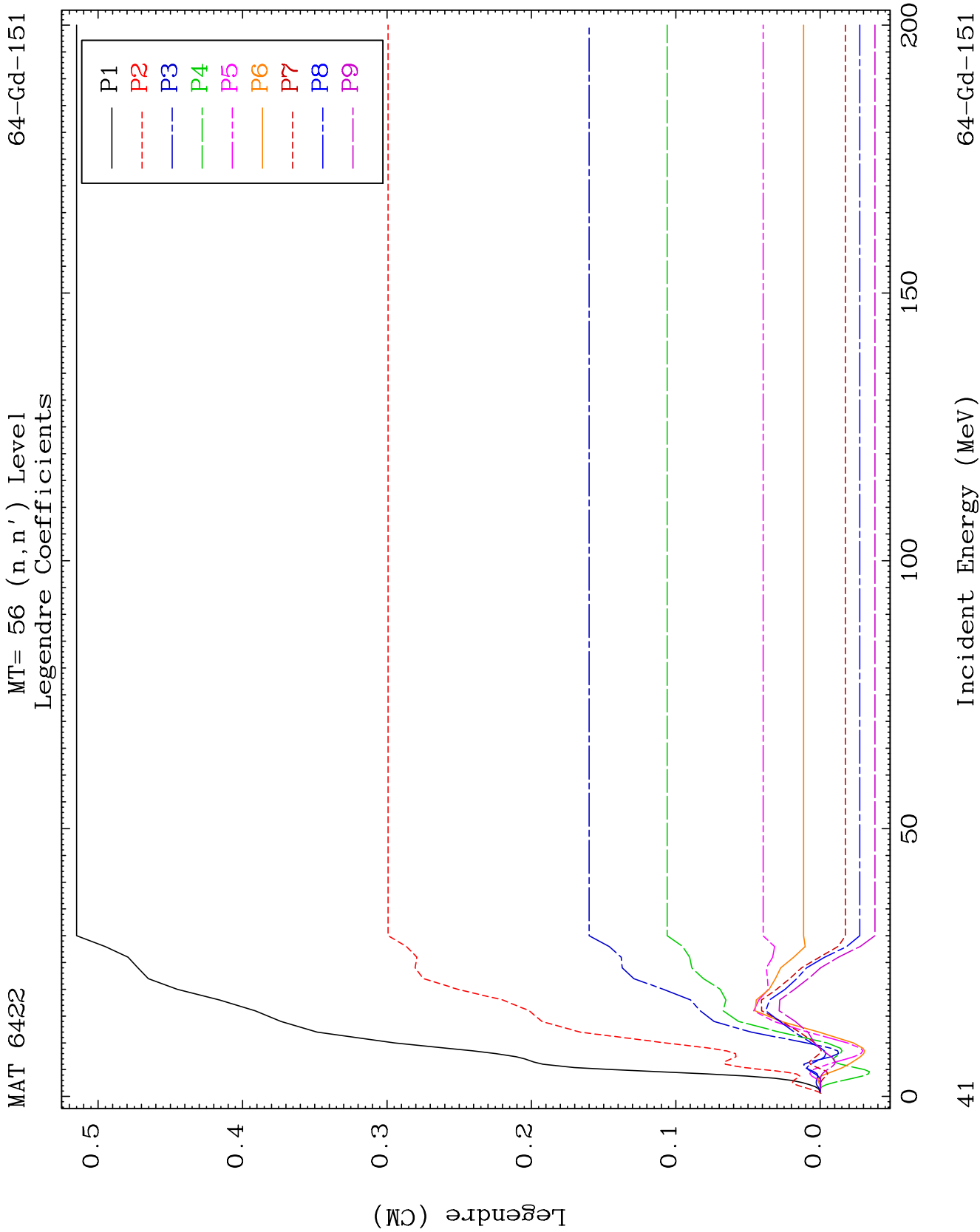


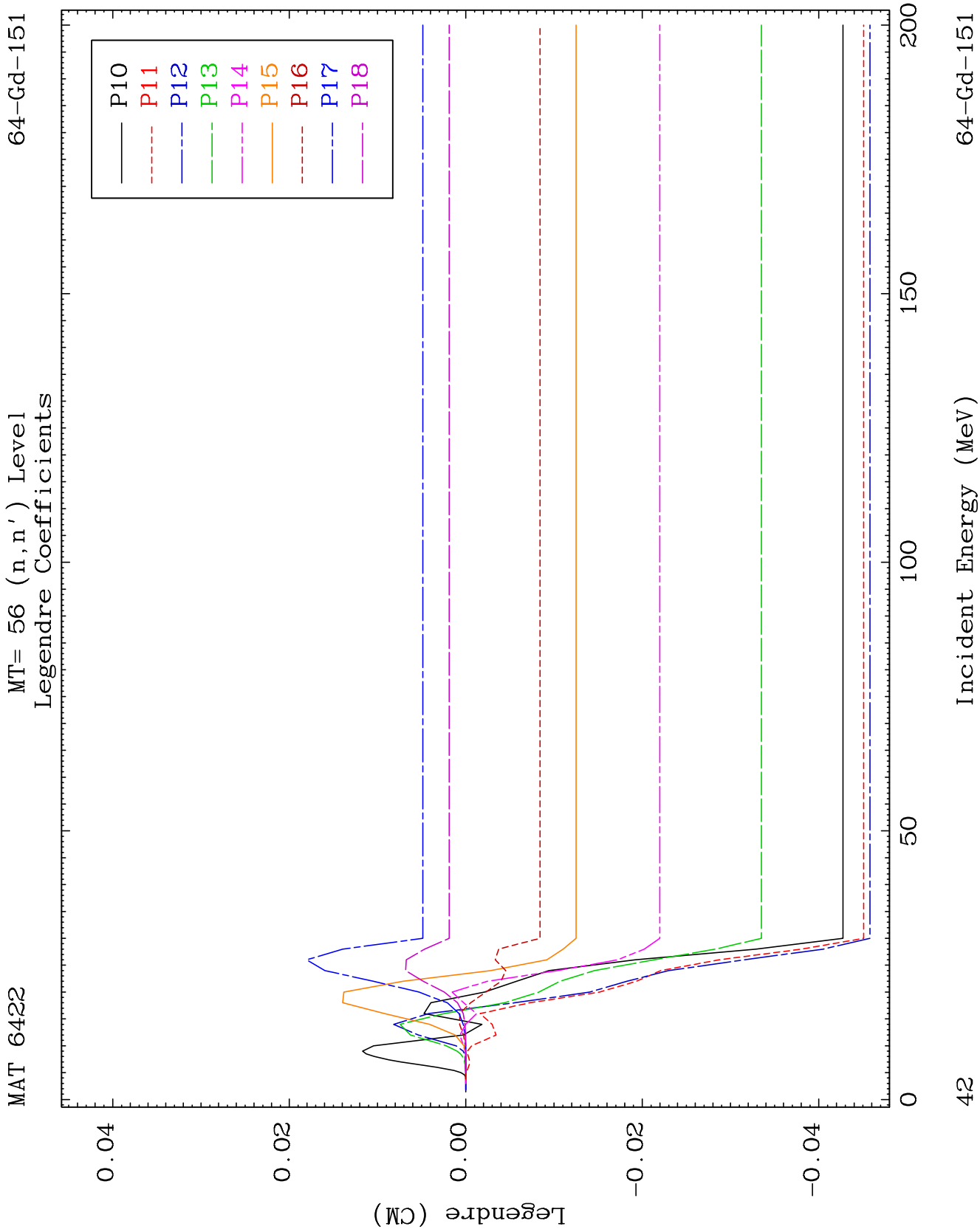








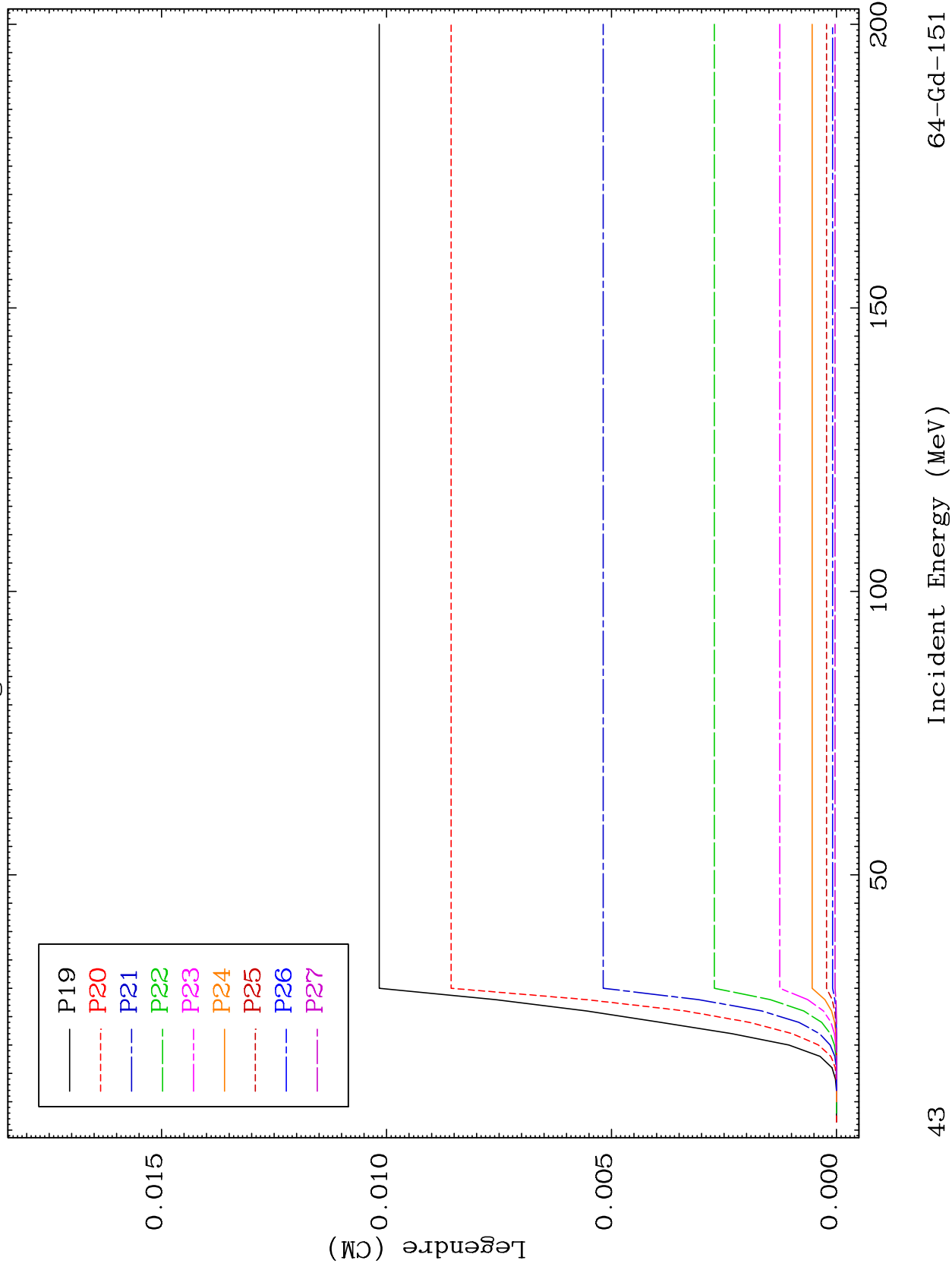




MAT 6422

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

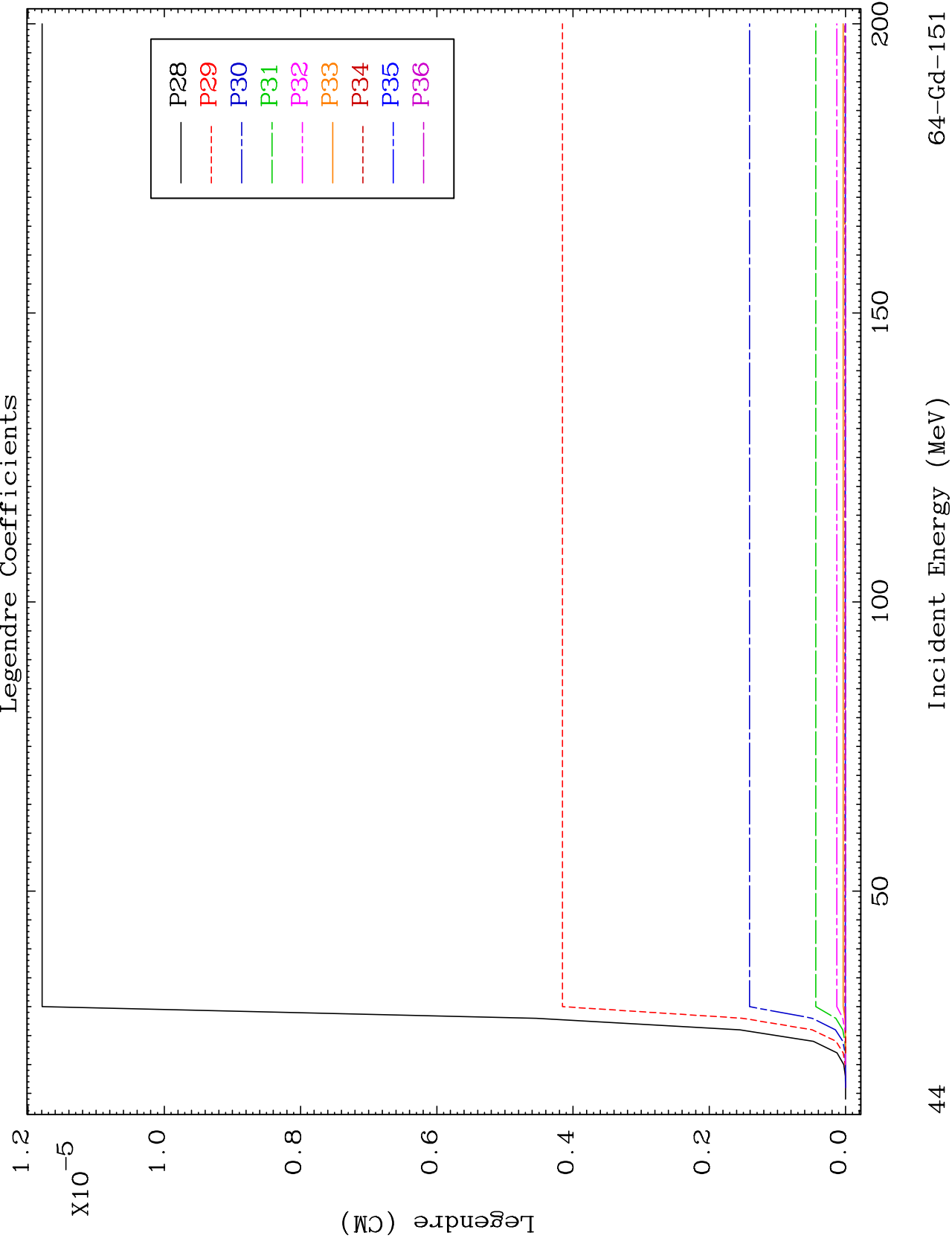
64-Gd-151

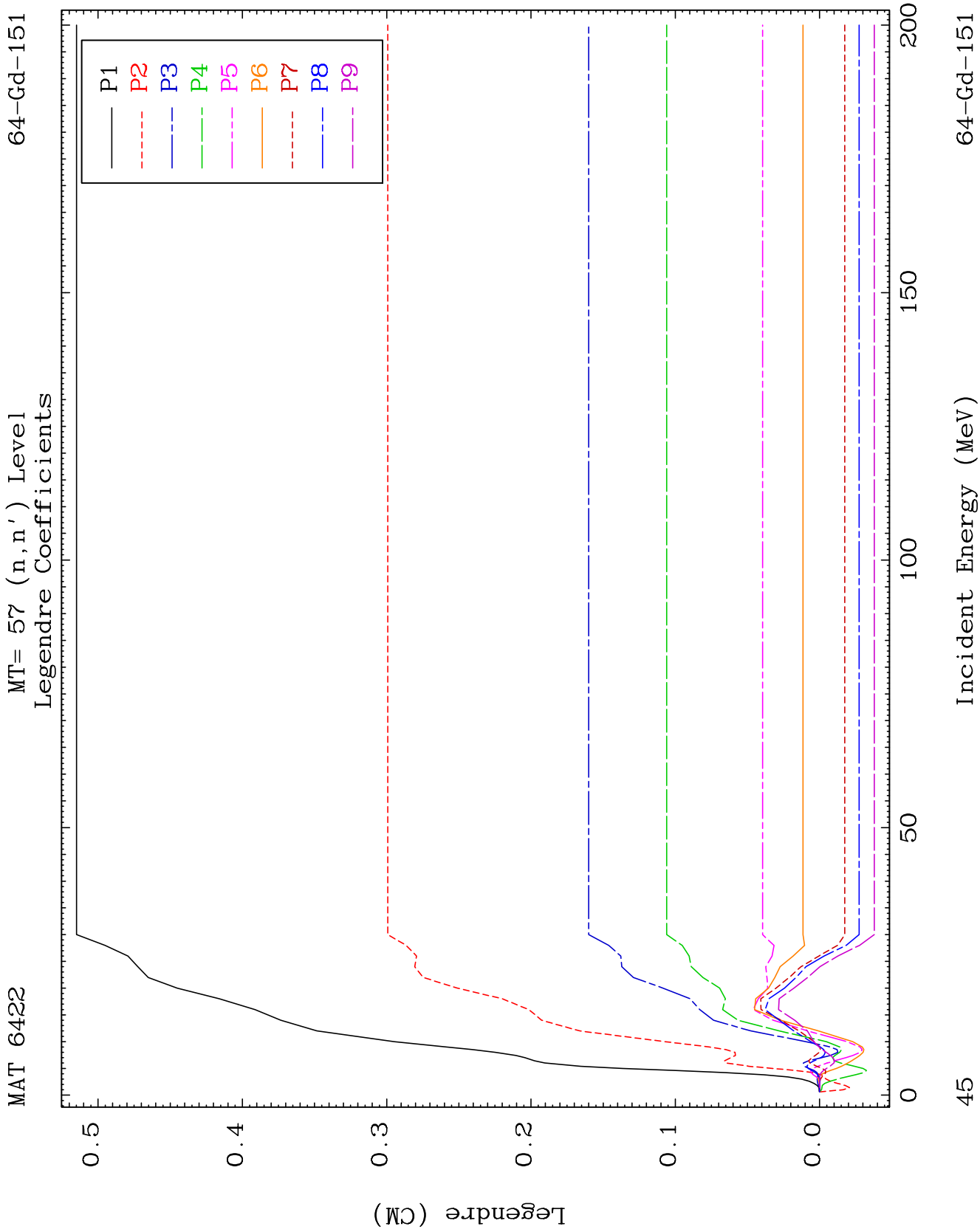


MAT 6422

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

64-Gd-151

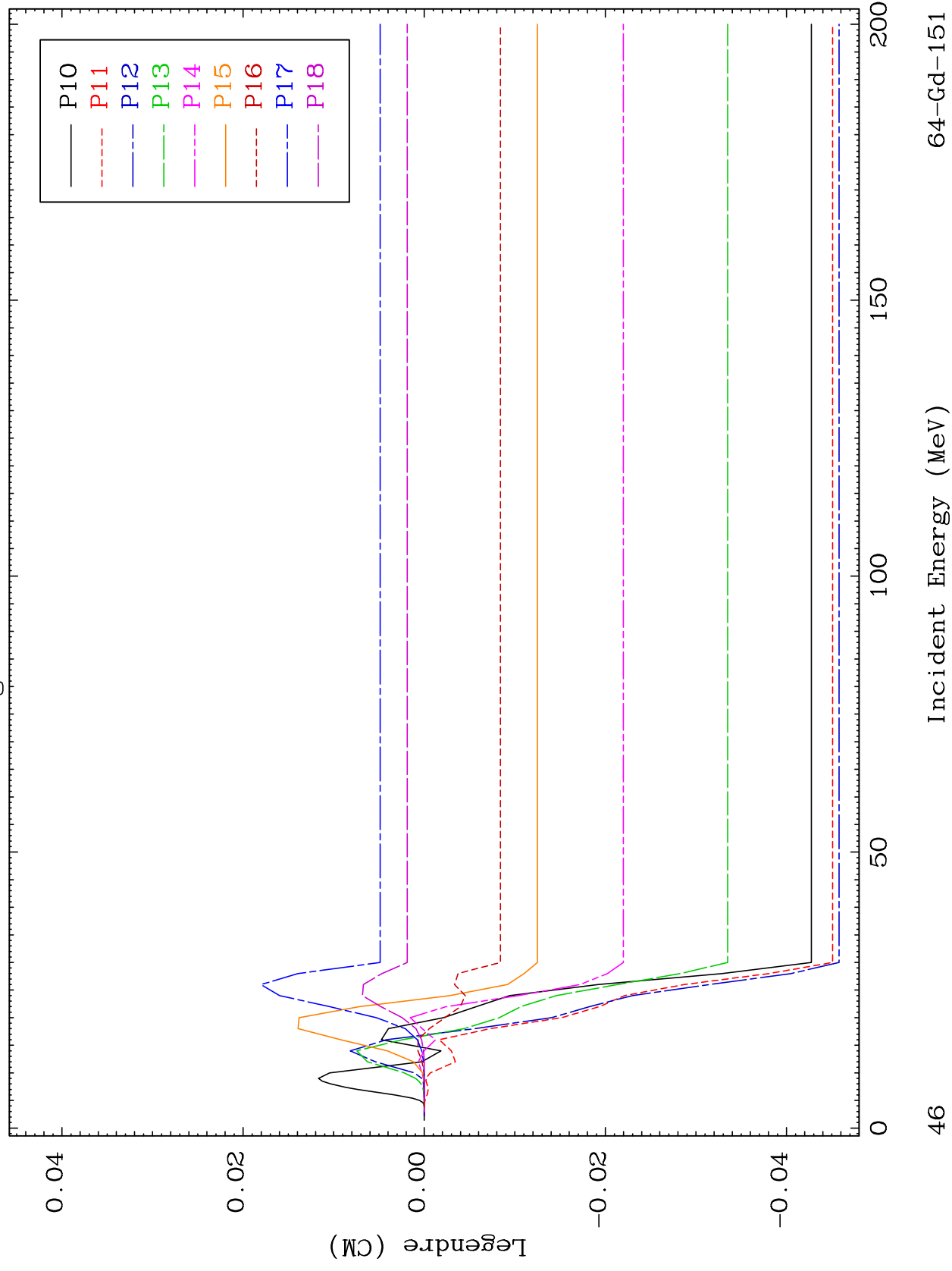




MAT 6422

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

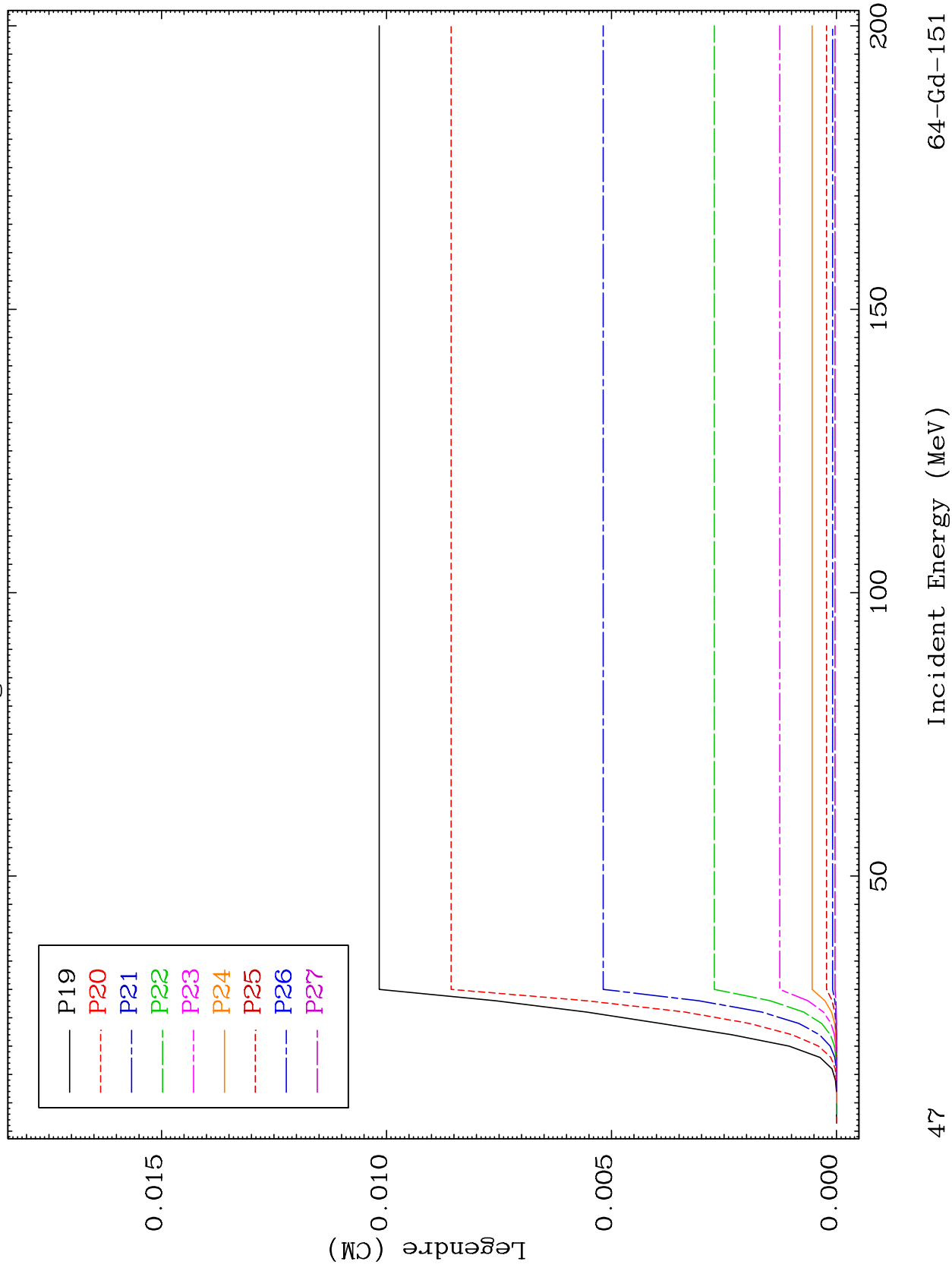
64-Gd-151

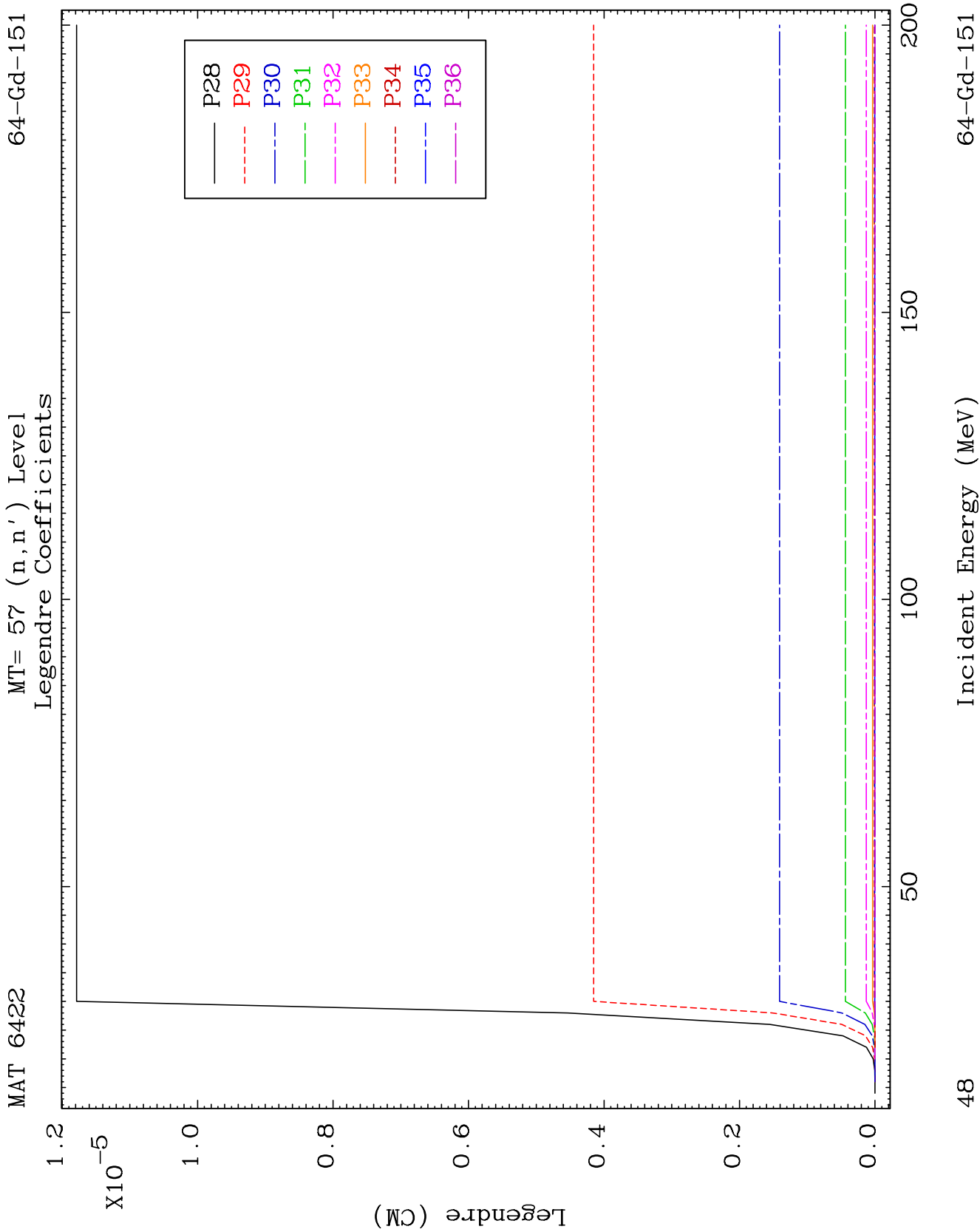


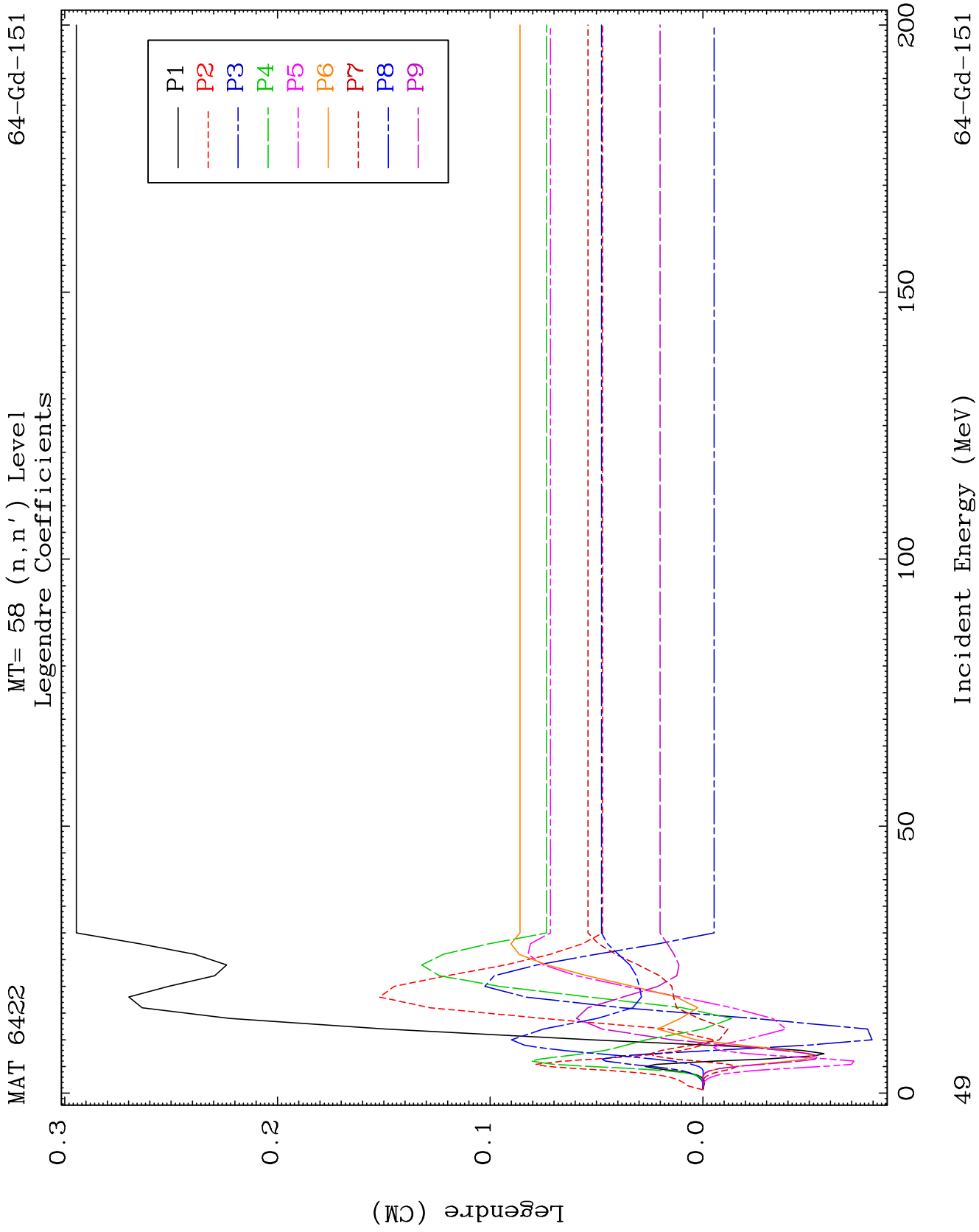
MAT 6422

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

64-Gd-151



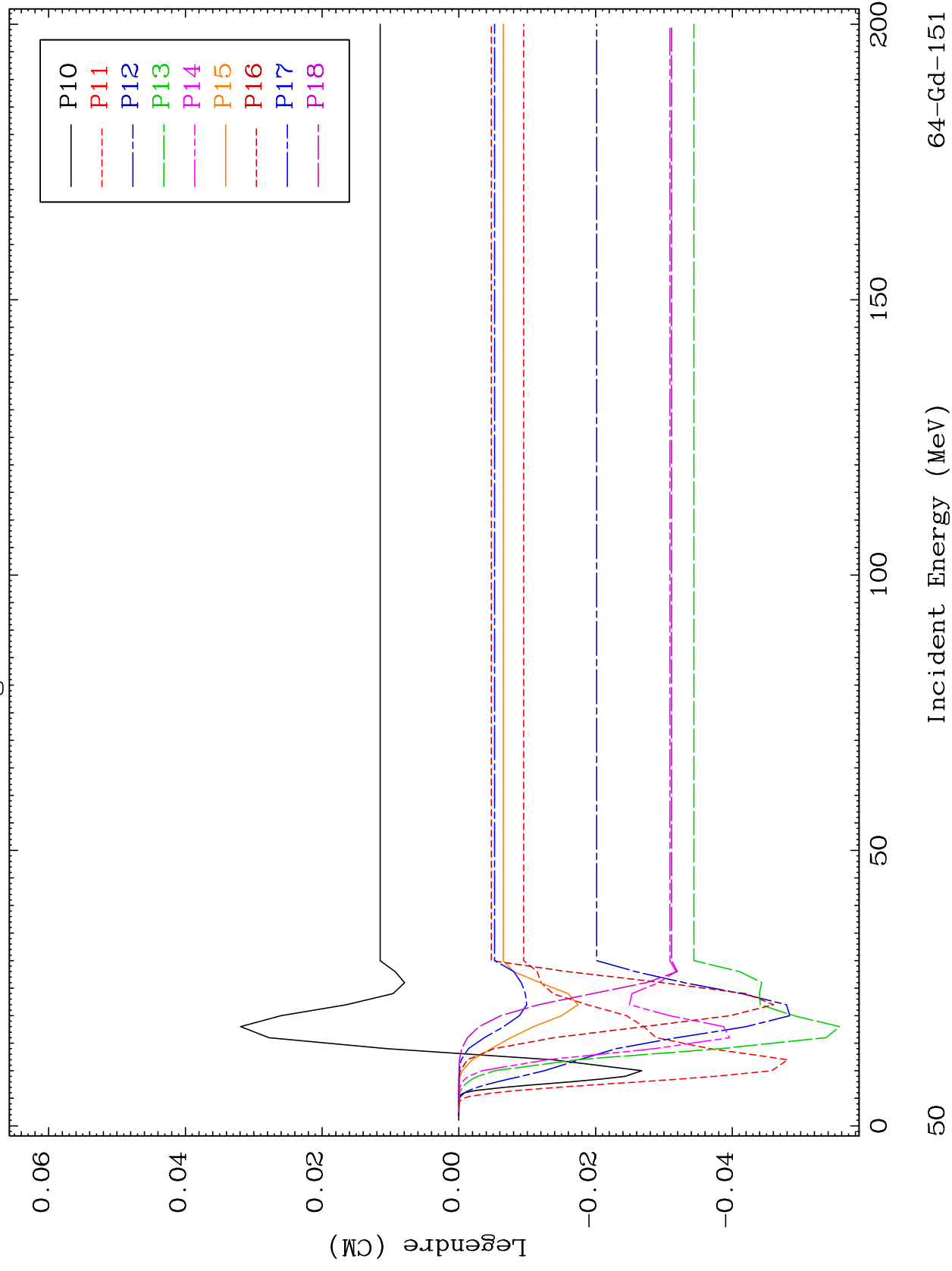


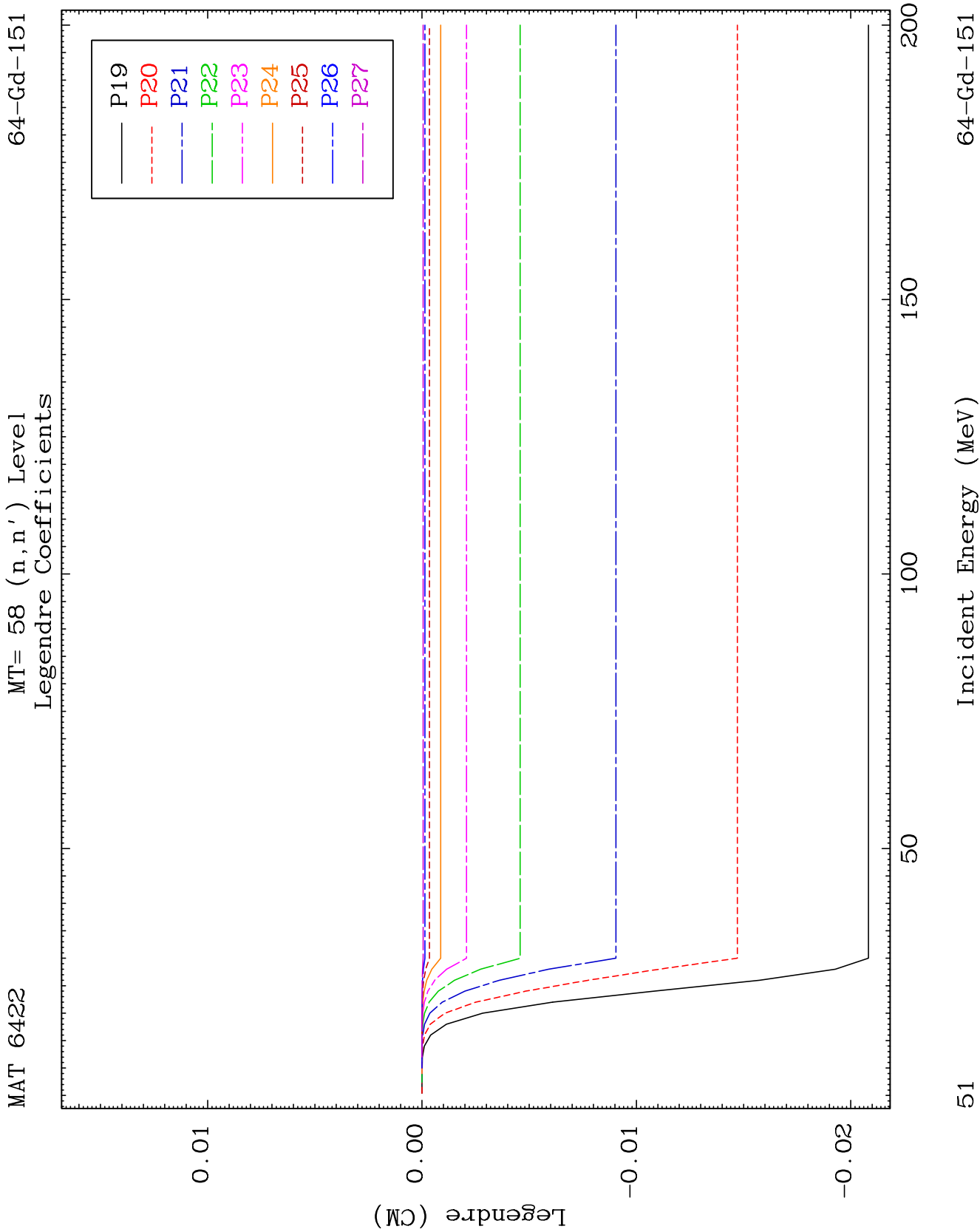


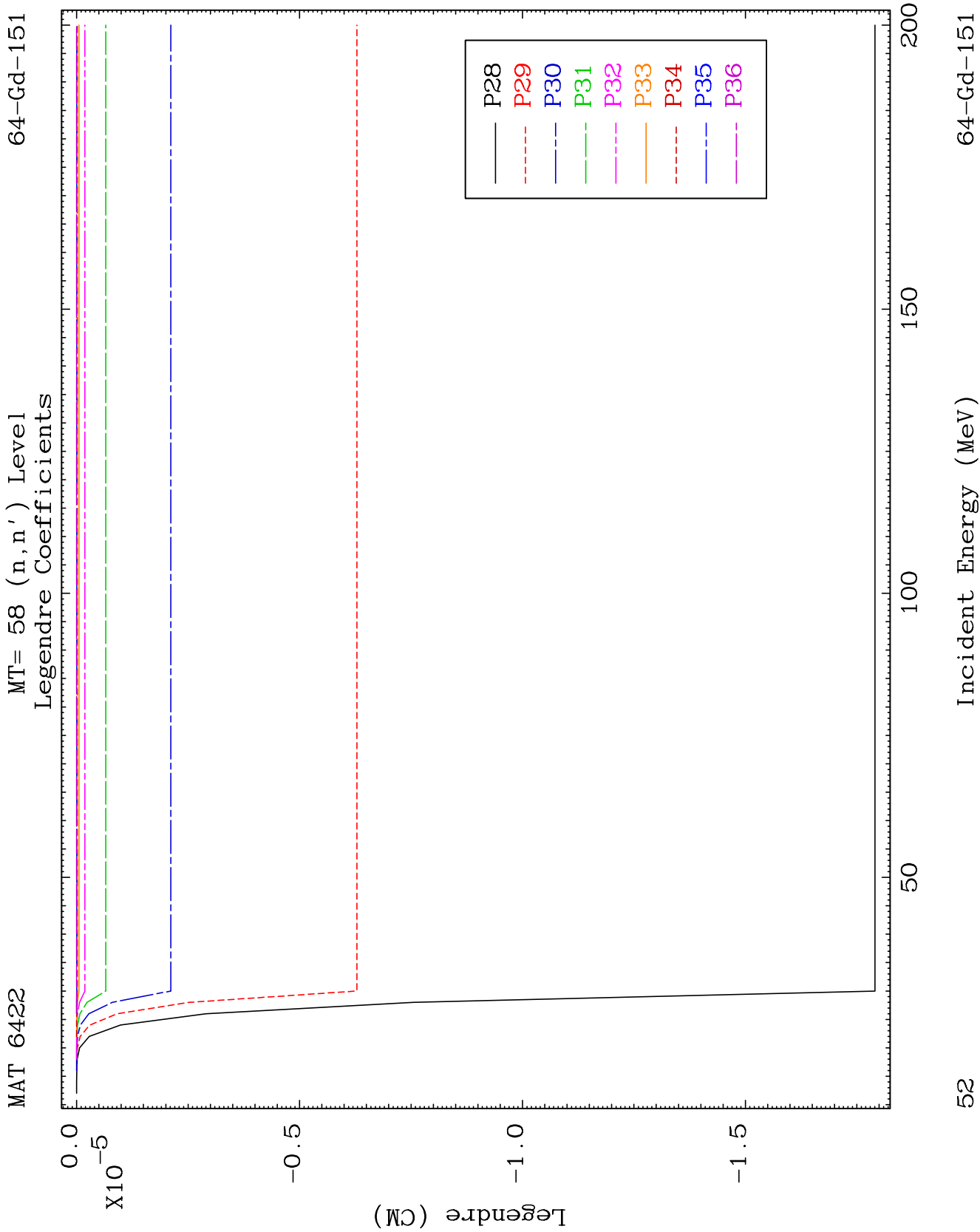
MAT 6422

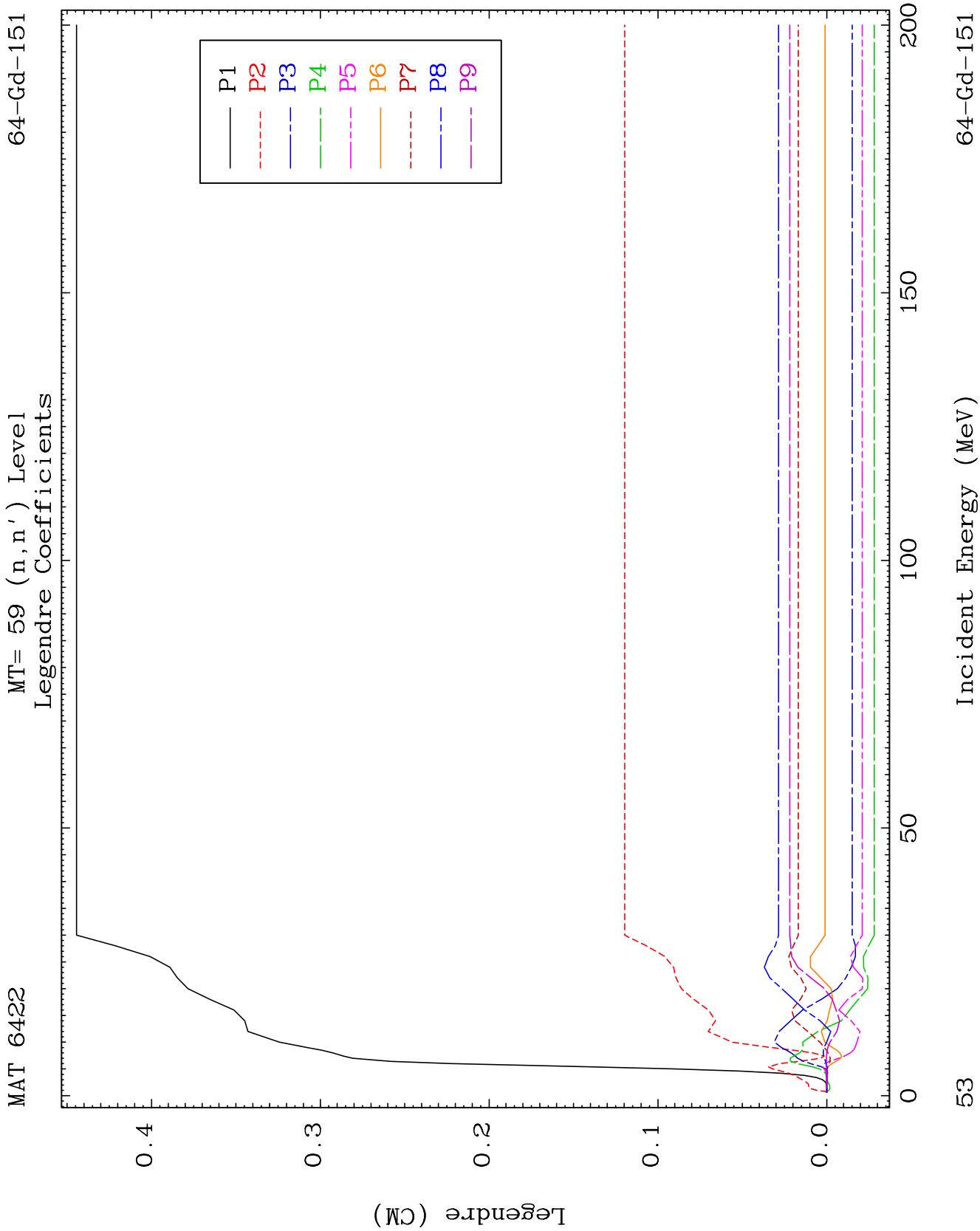
MT= 58 (n, n') Level
Legendre Coefficients

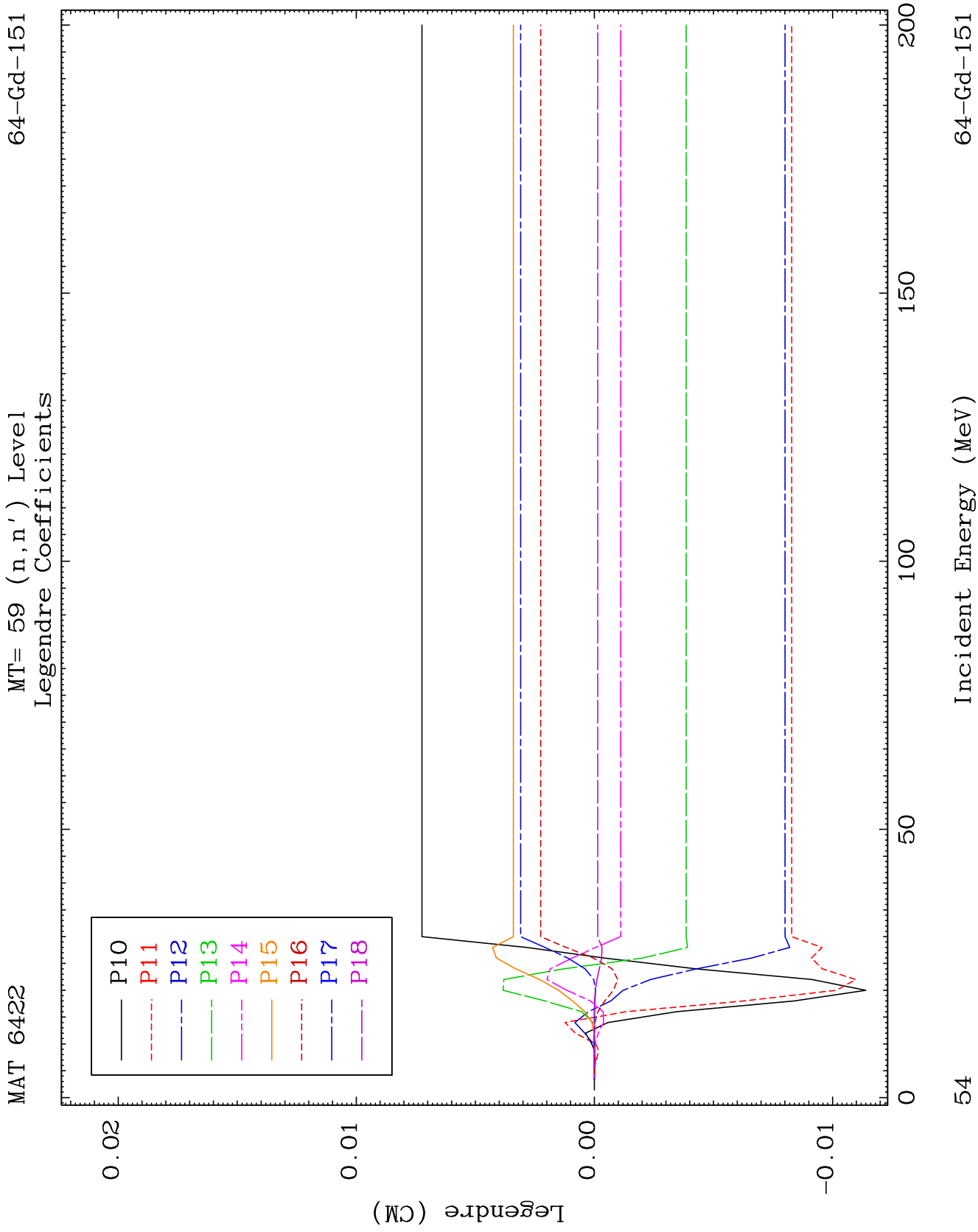
64-Gd-151

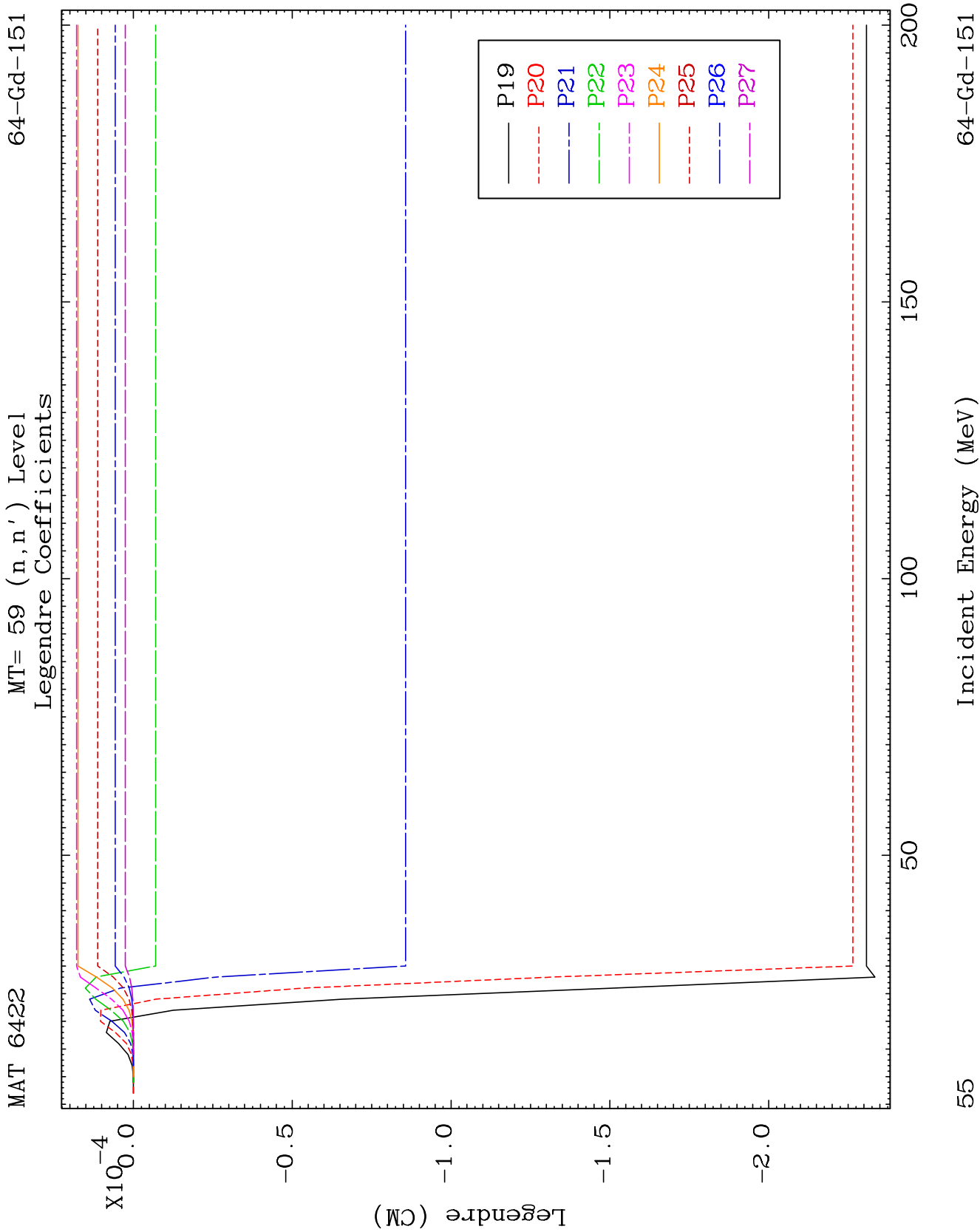


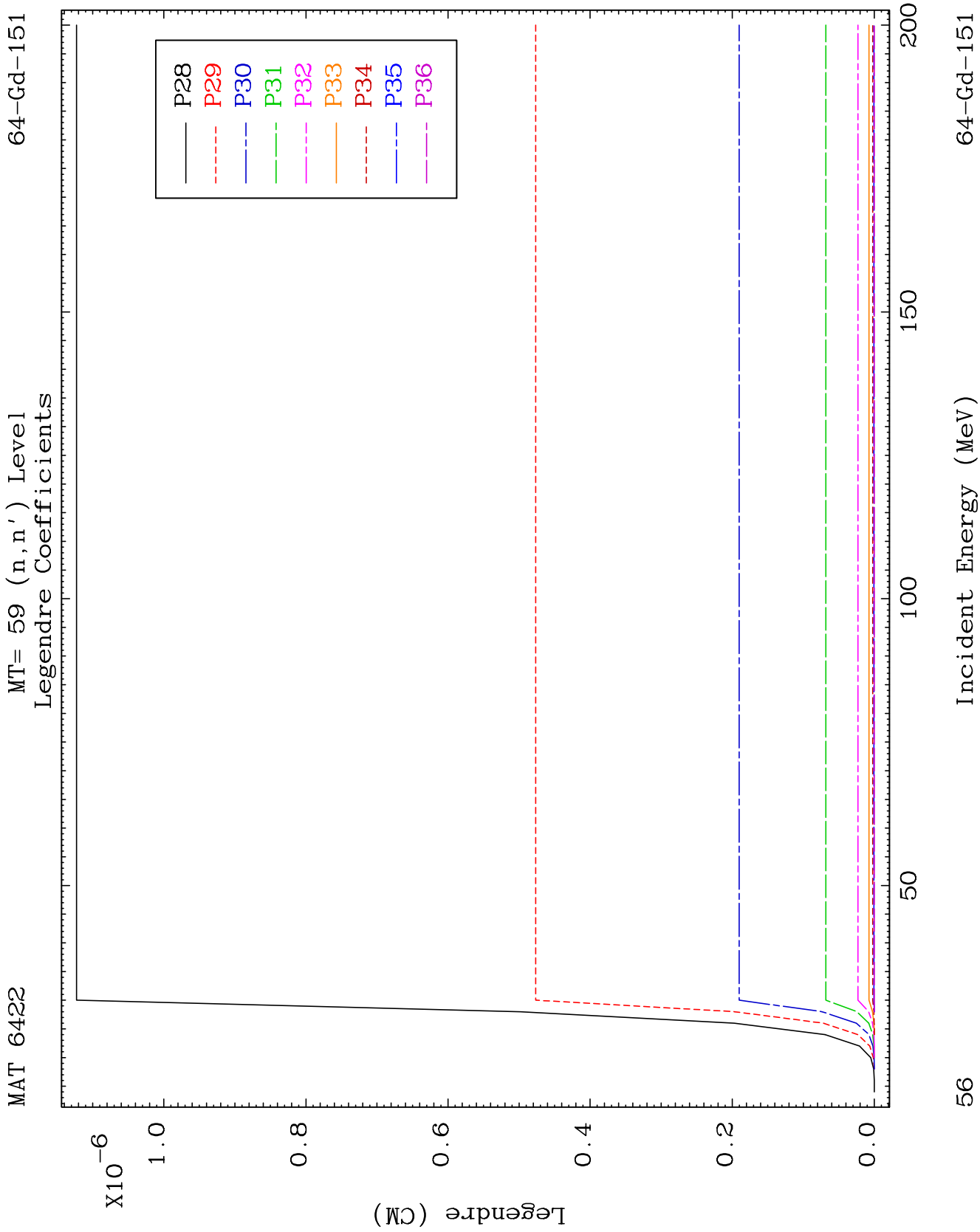








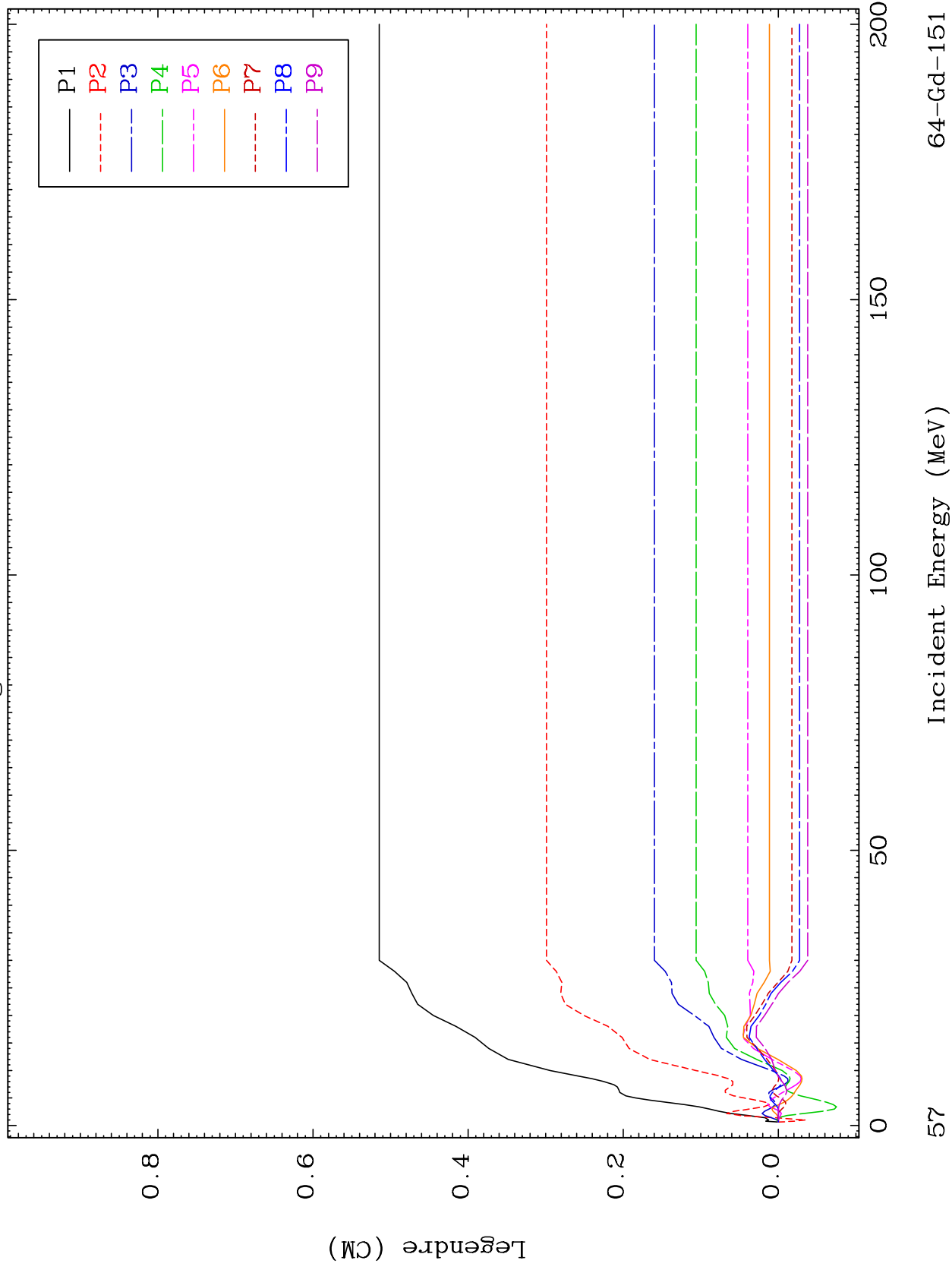


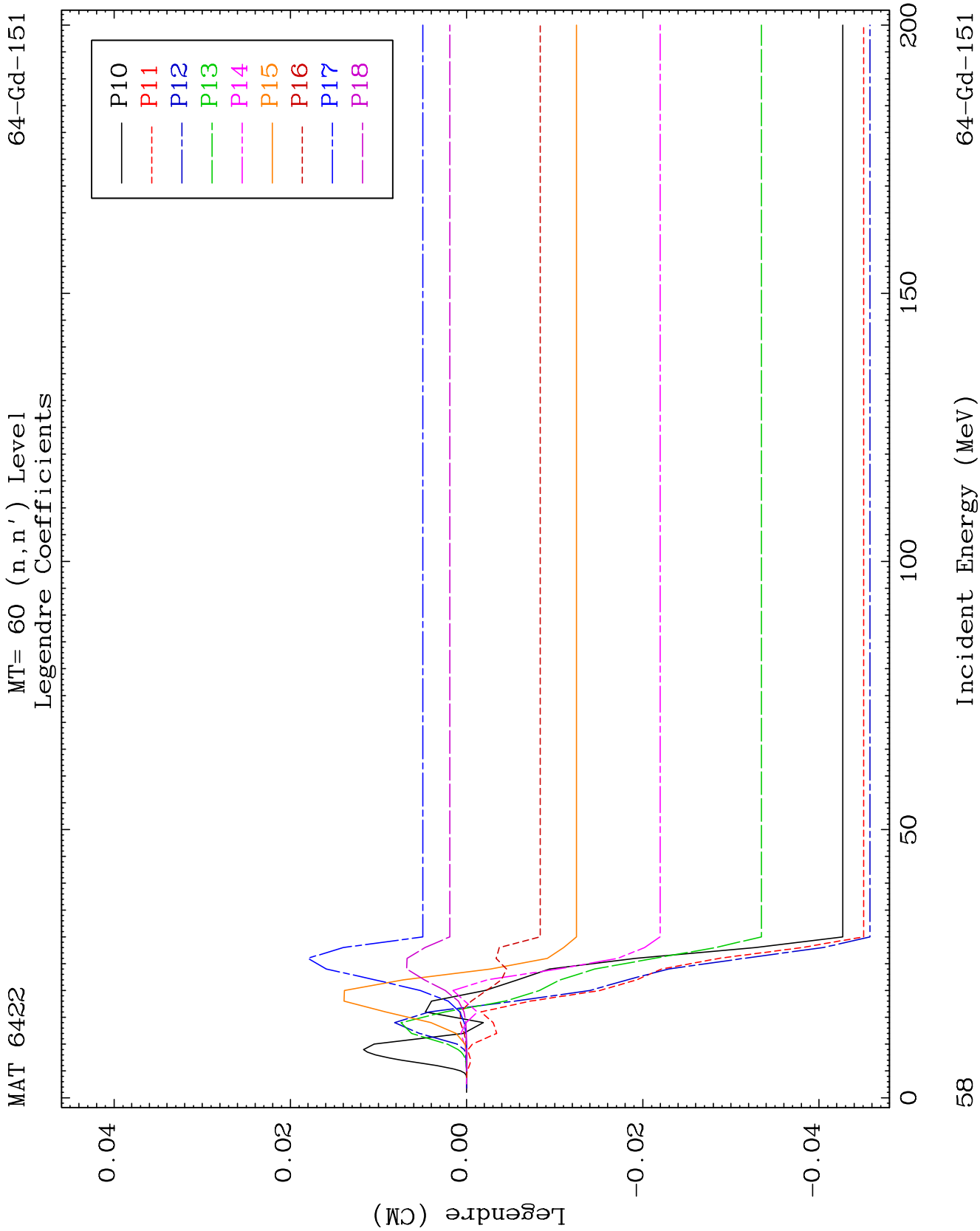


MAT 6422

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

64-Gd-151

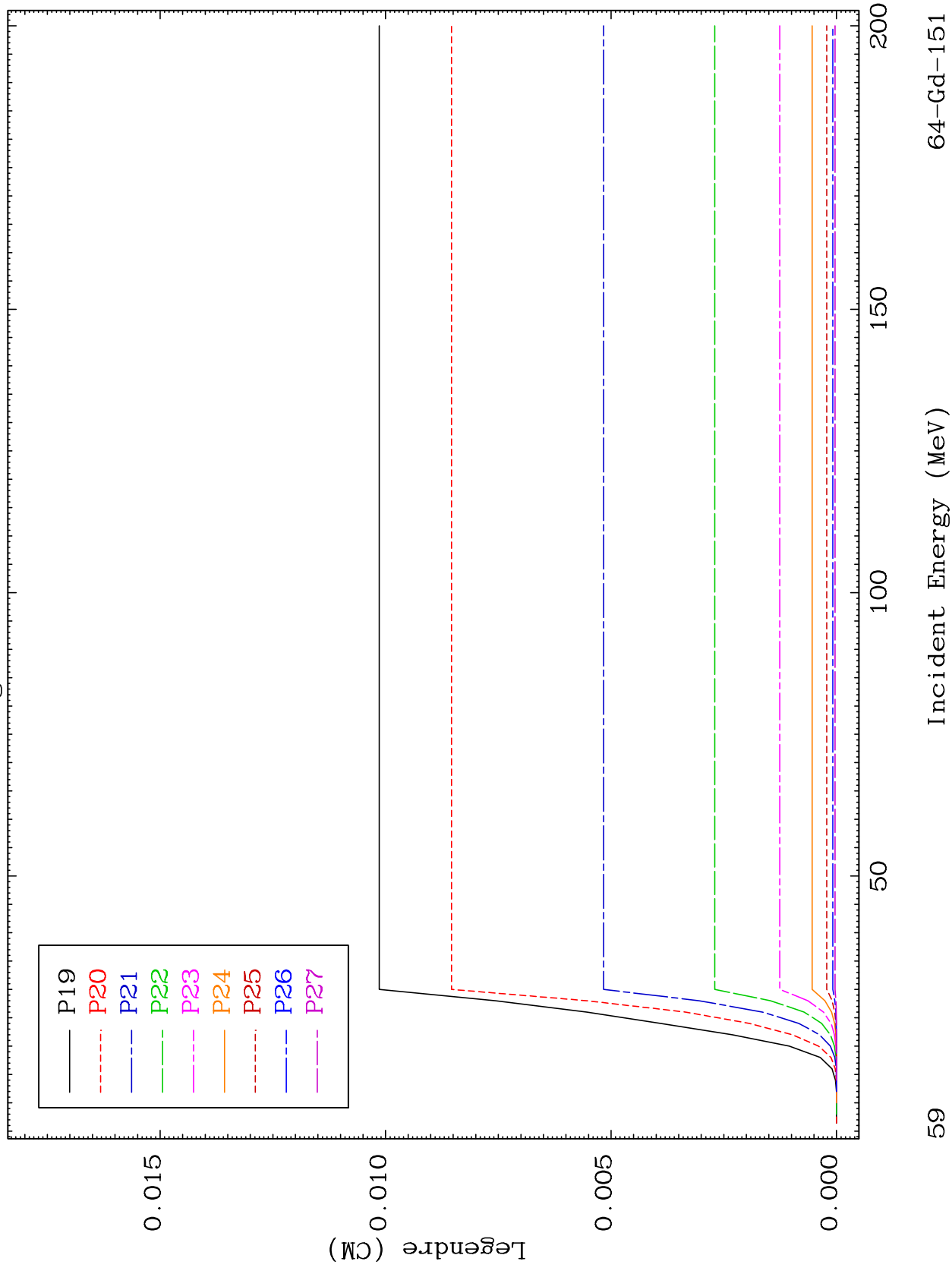




MAT 6422

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

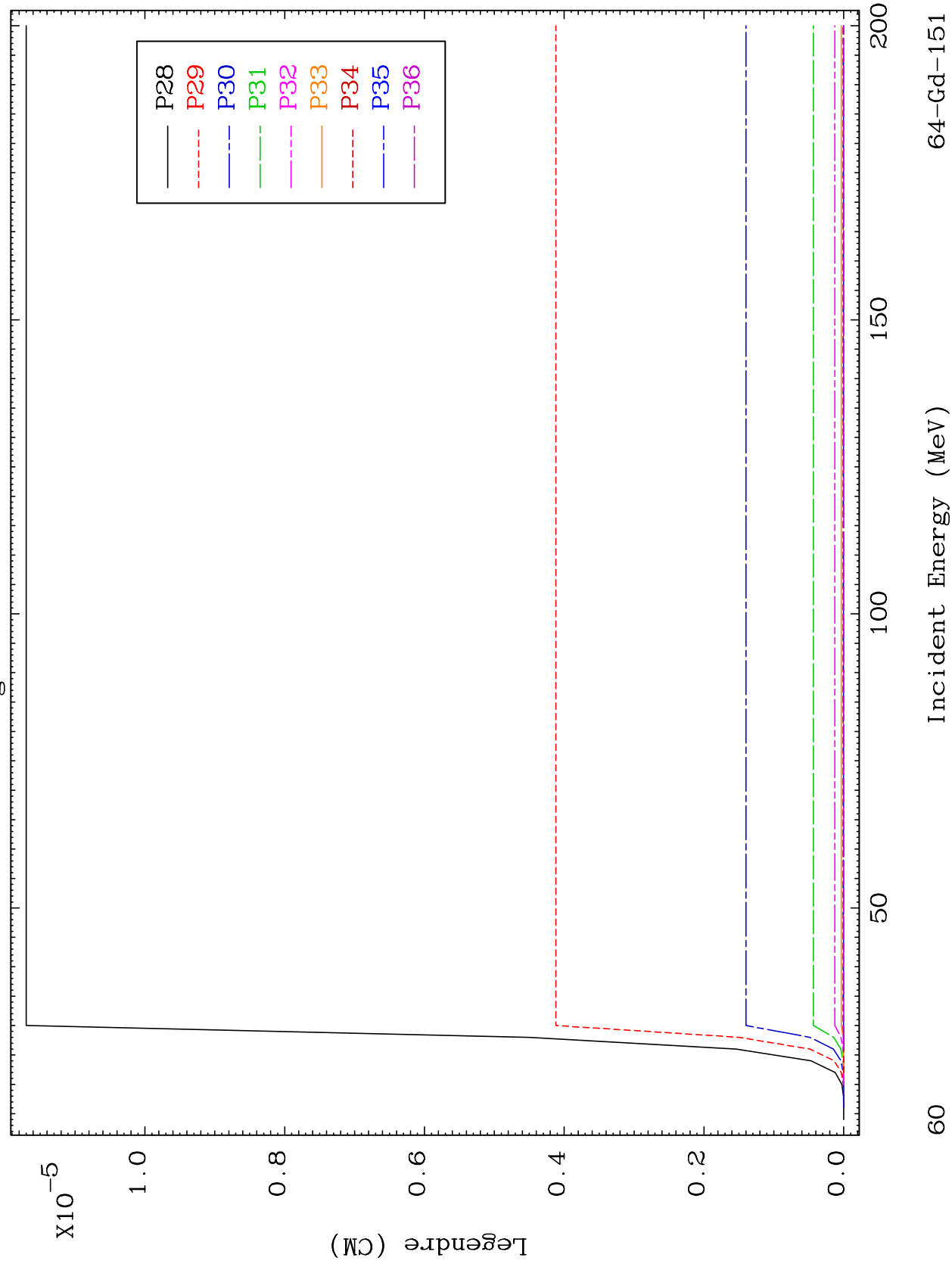
64-Gd-151

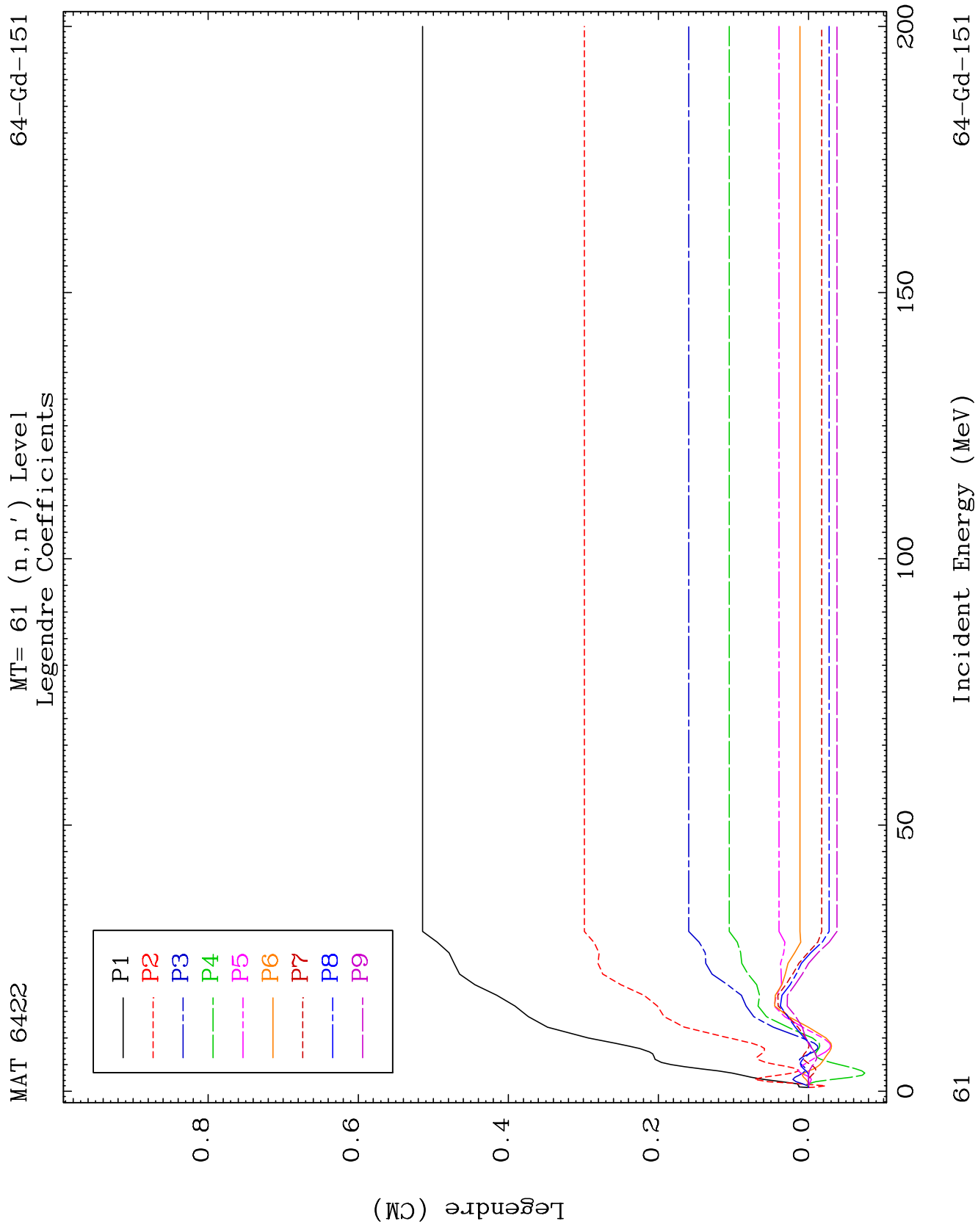


MAT 6422

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

64-Gd-151

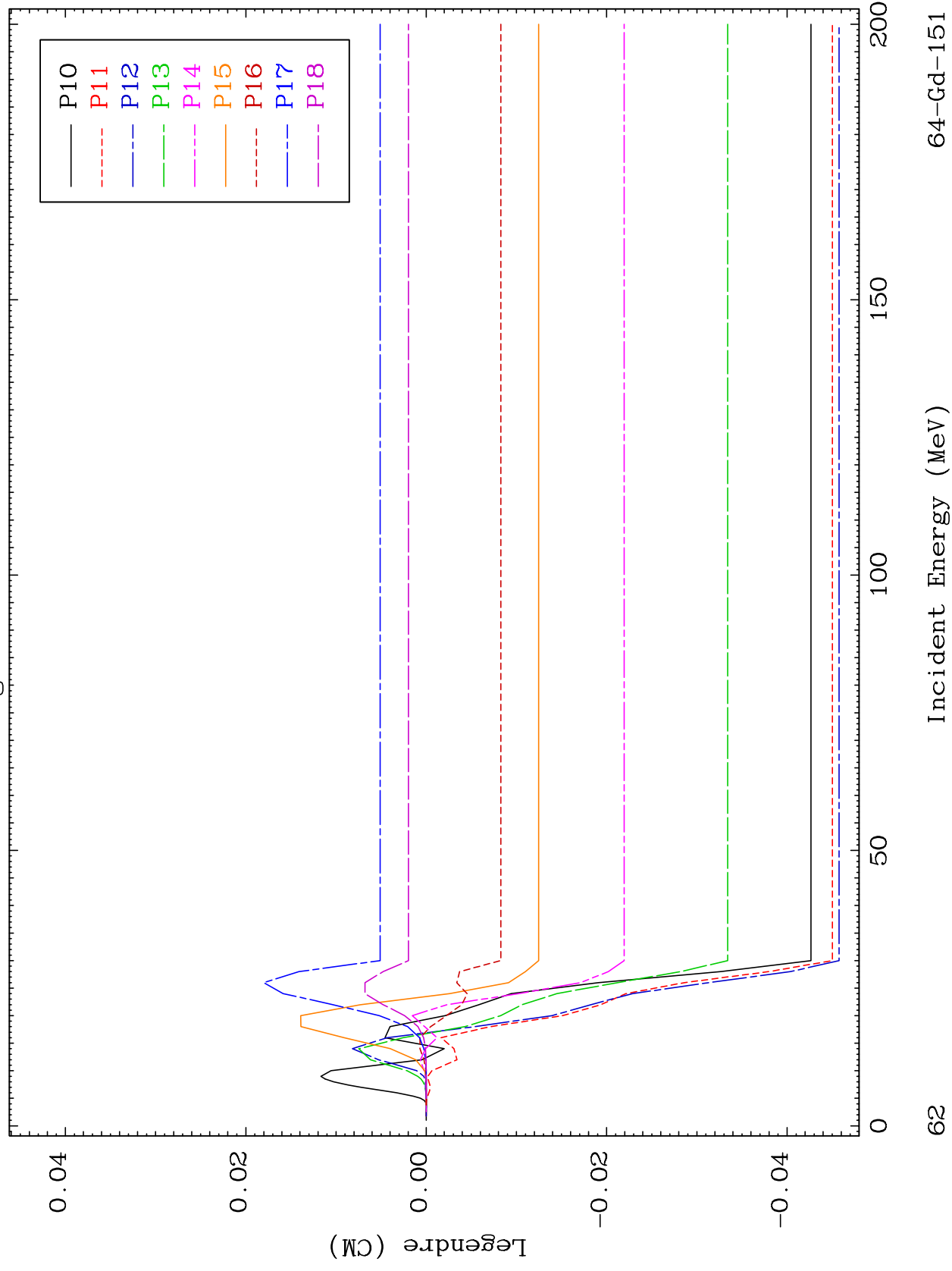


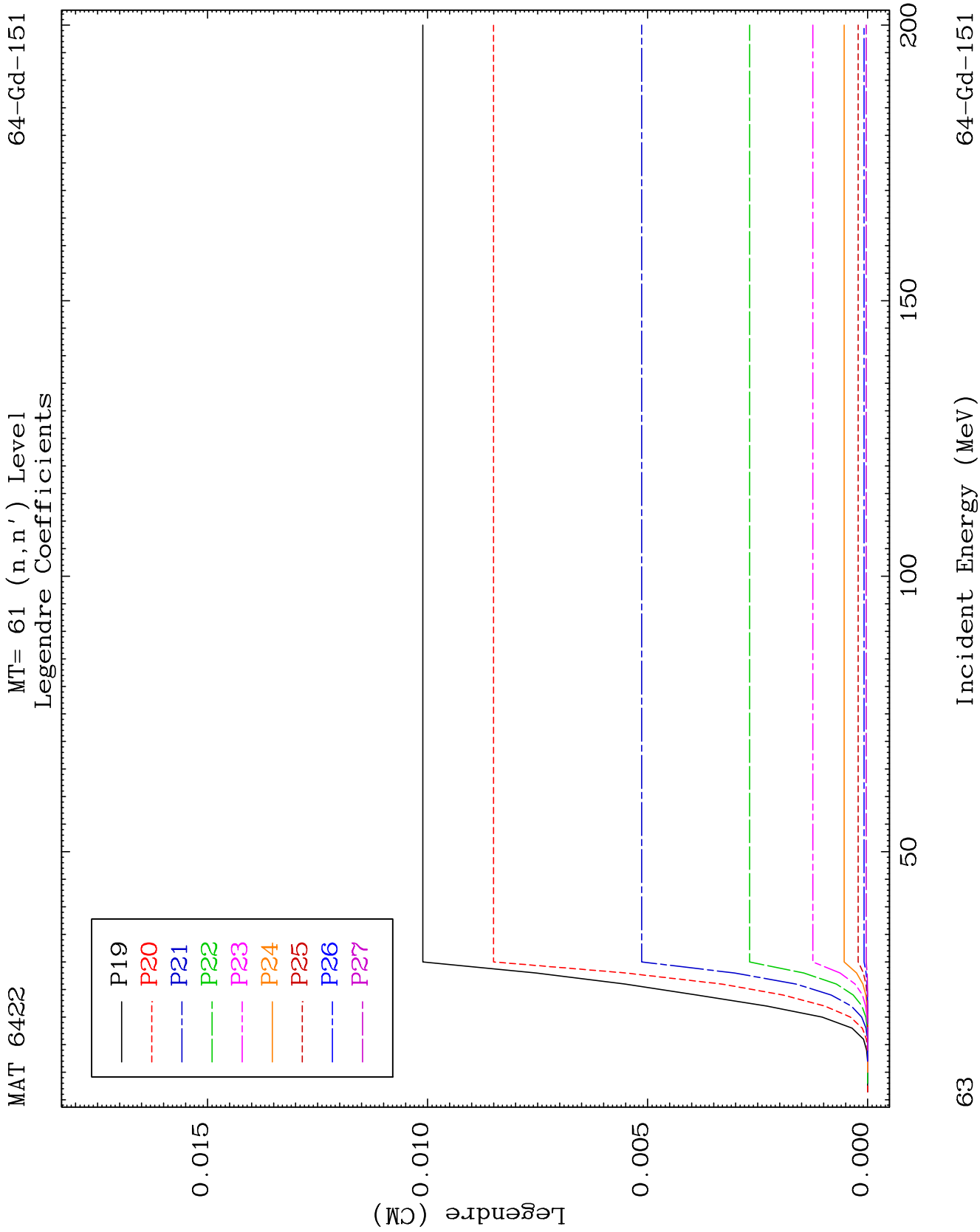


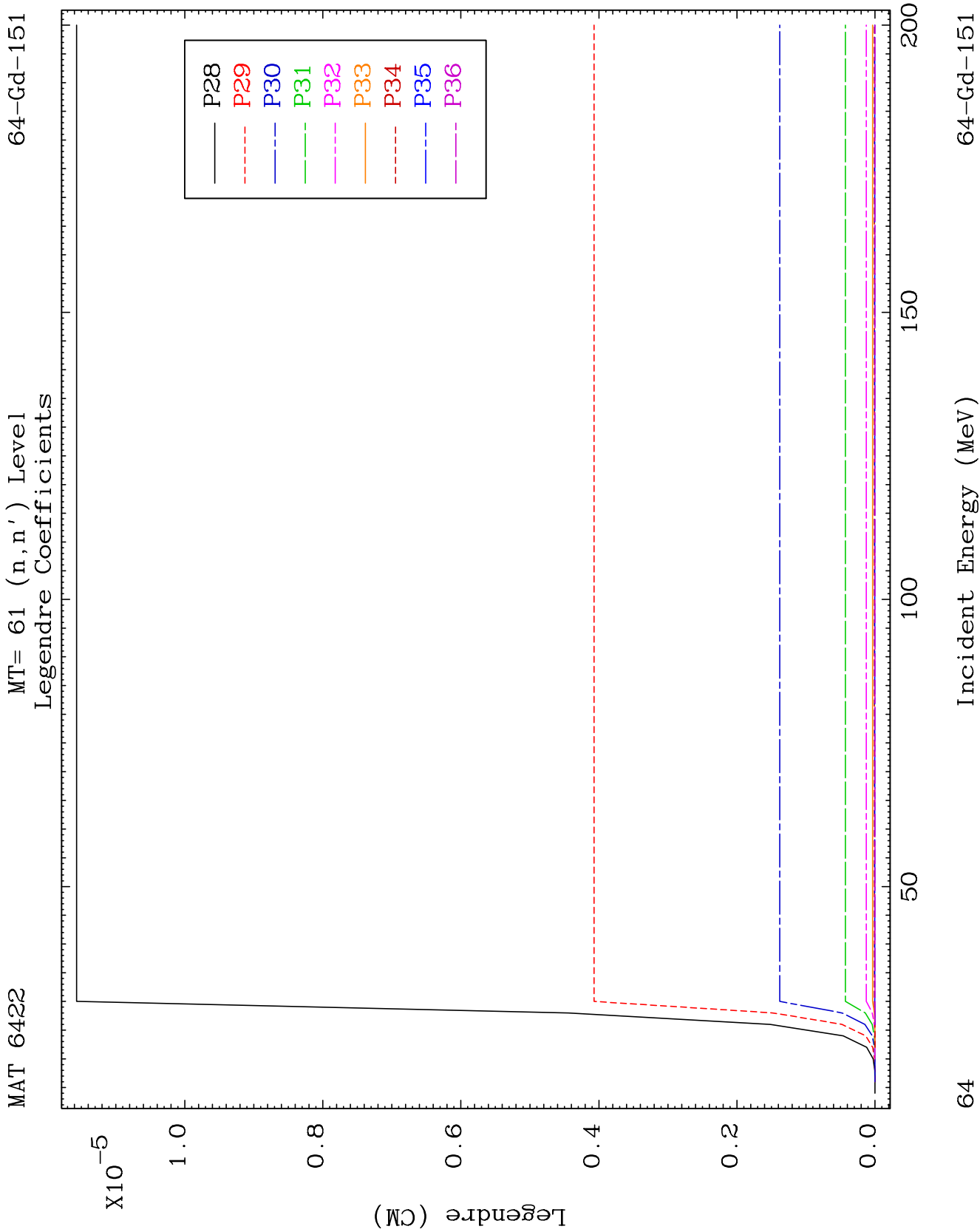
MAT 6422

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

64-Gd-151



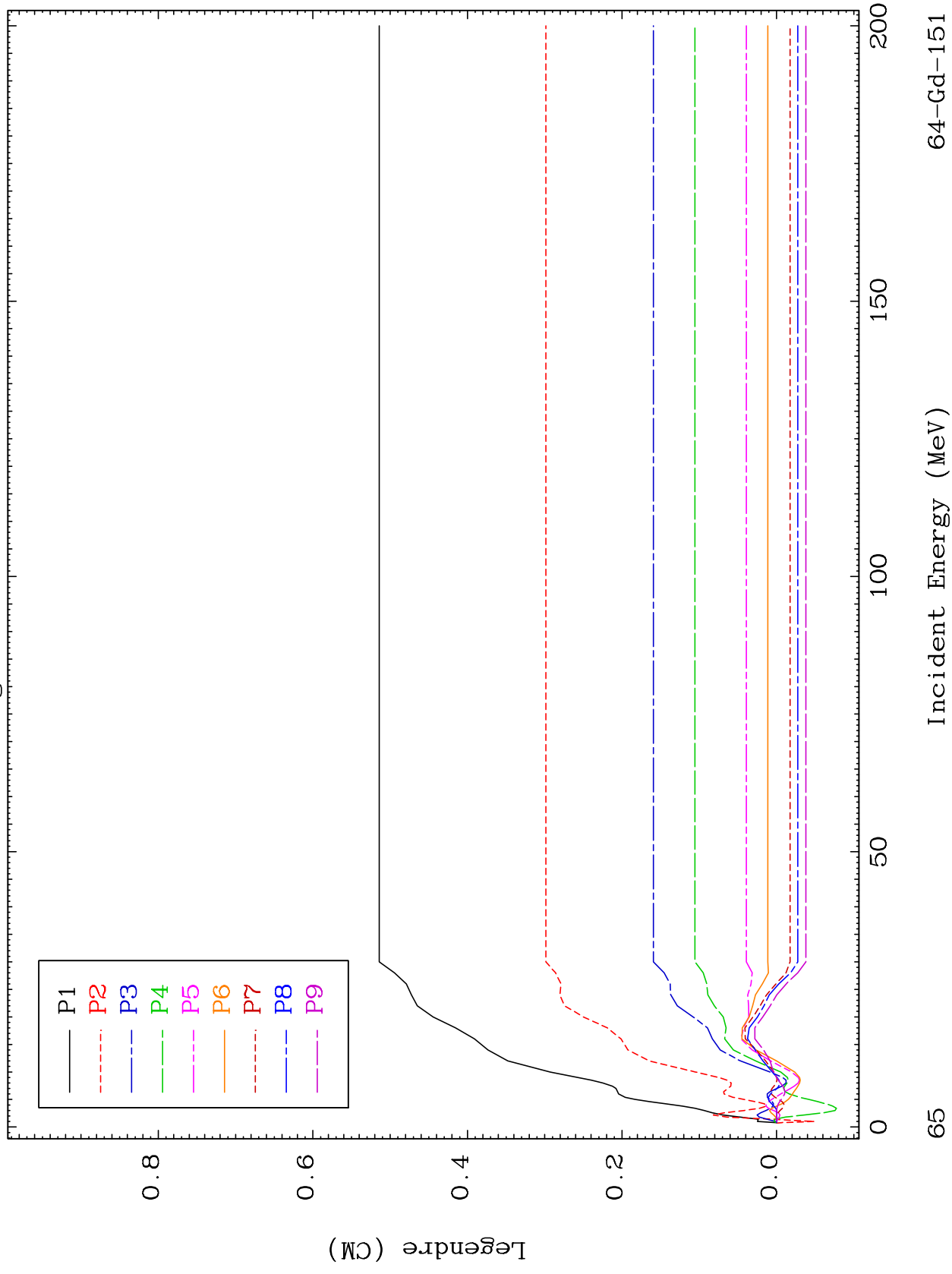




MAT 6422

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

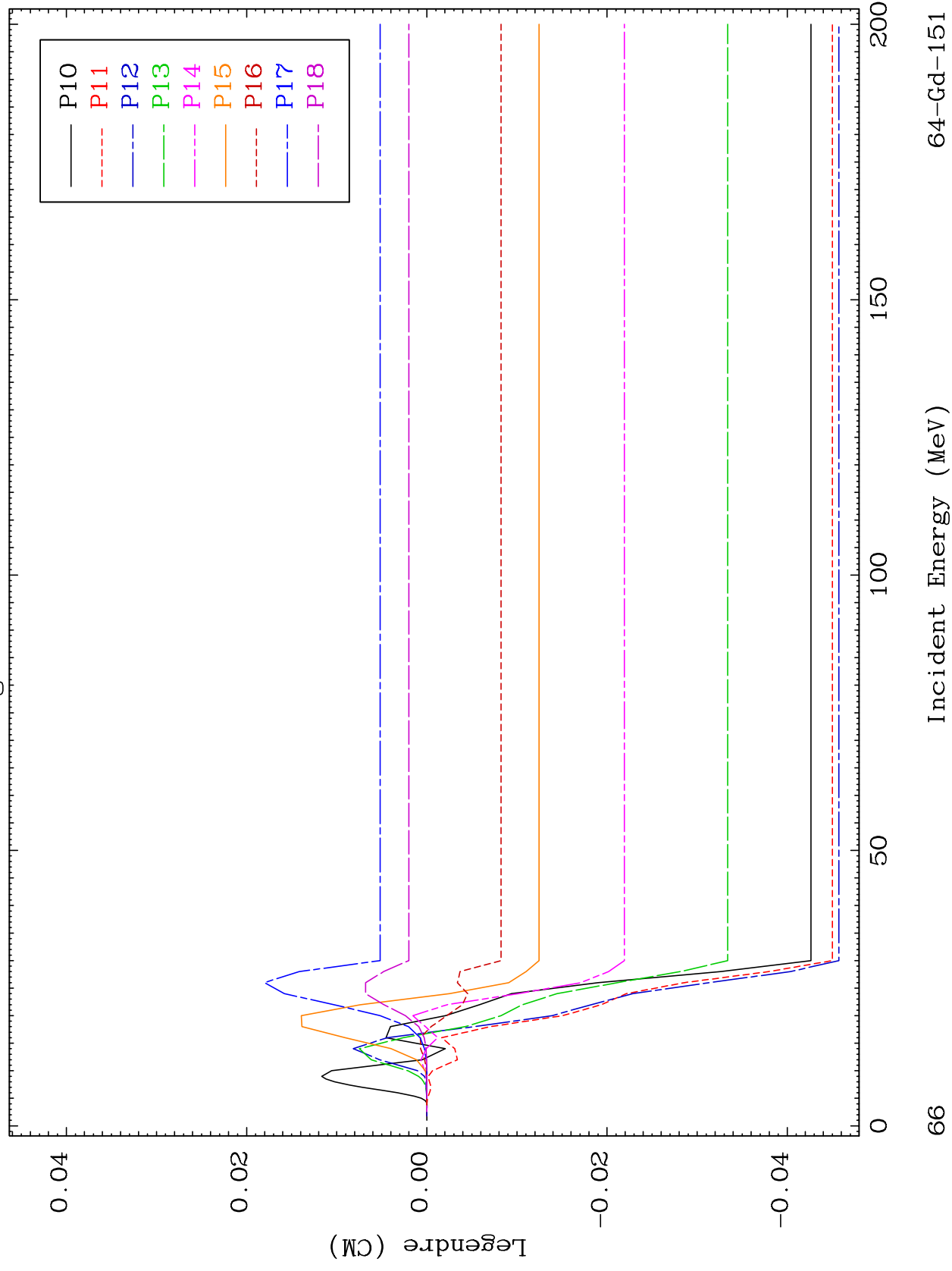
64-Gd-151

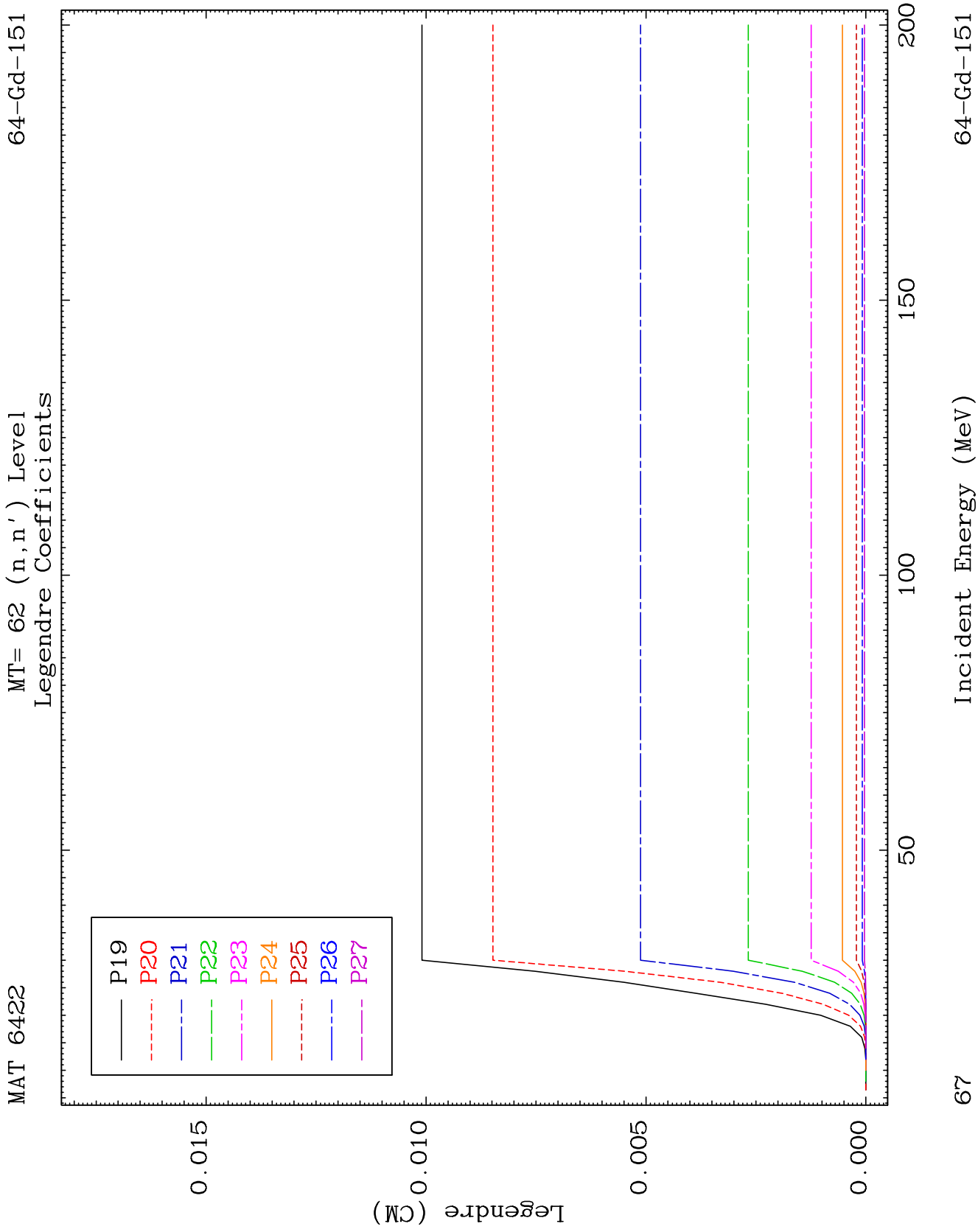


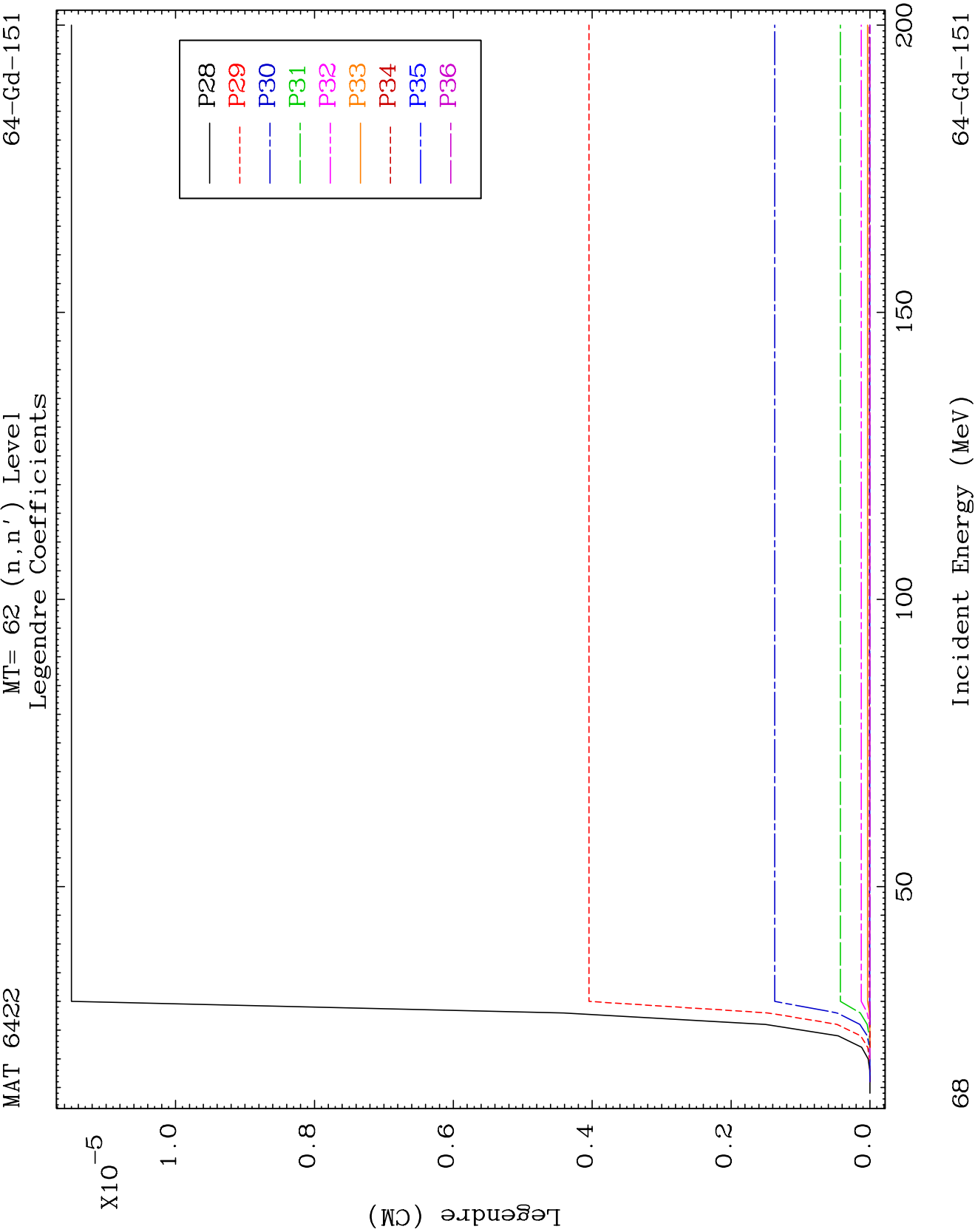
MAT 6422

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

64-Gd-151



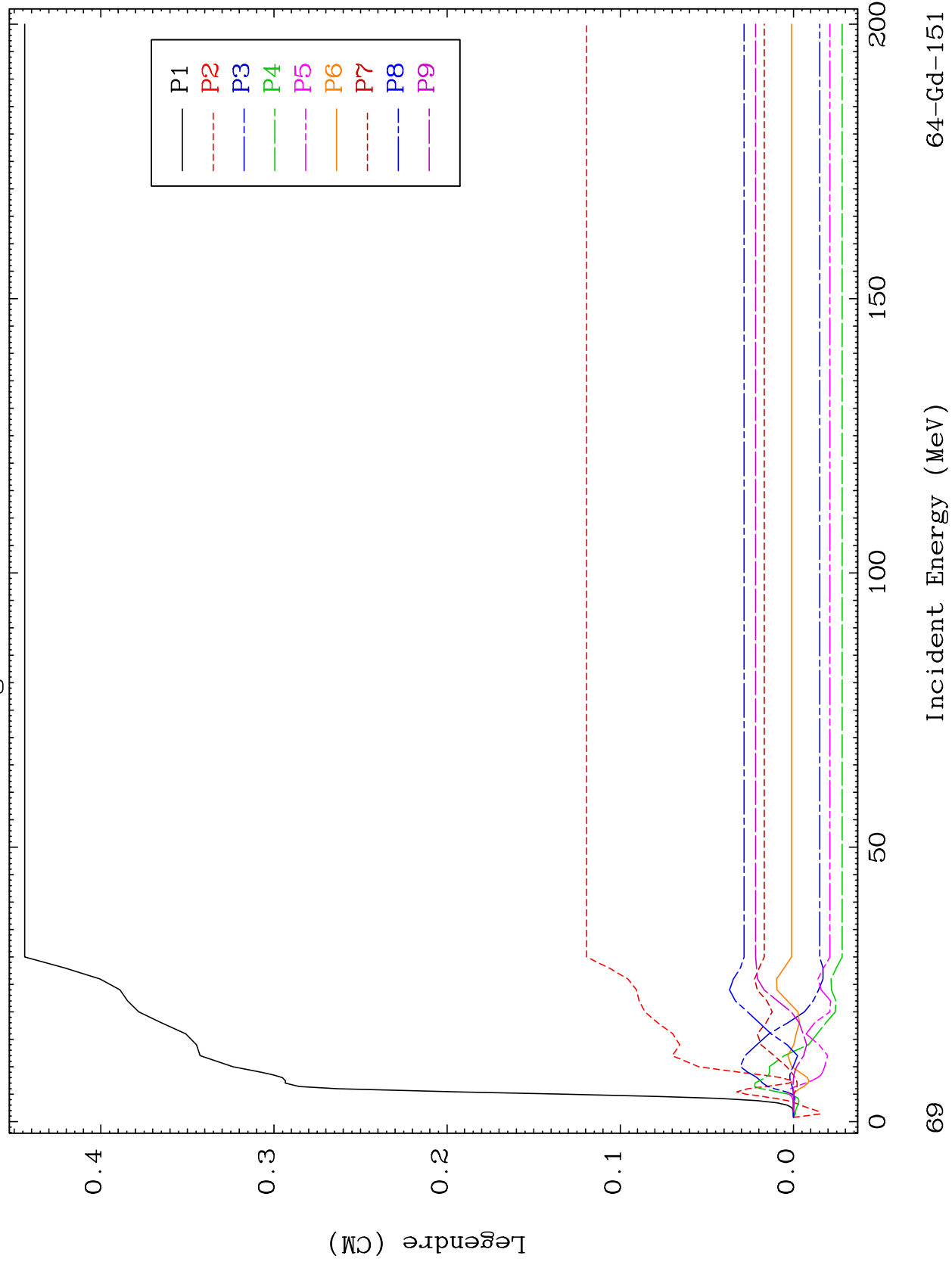


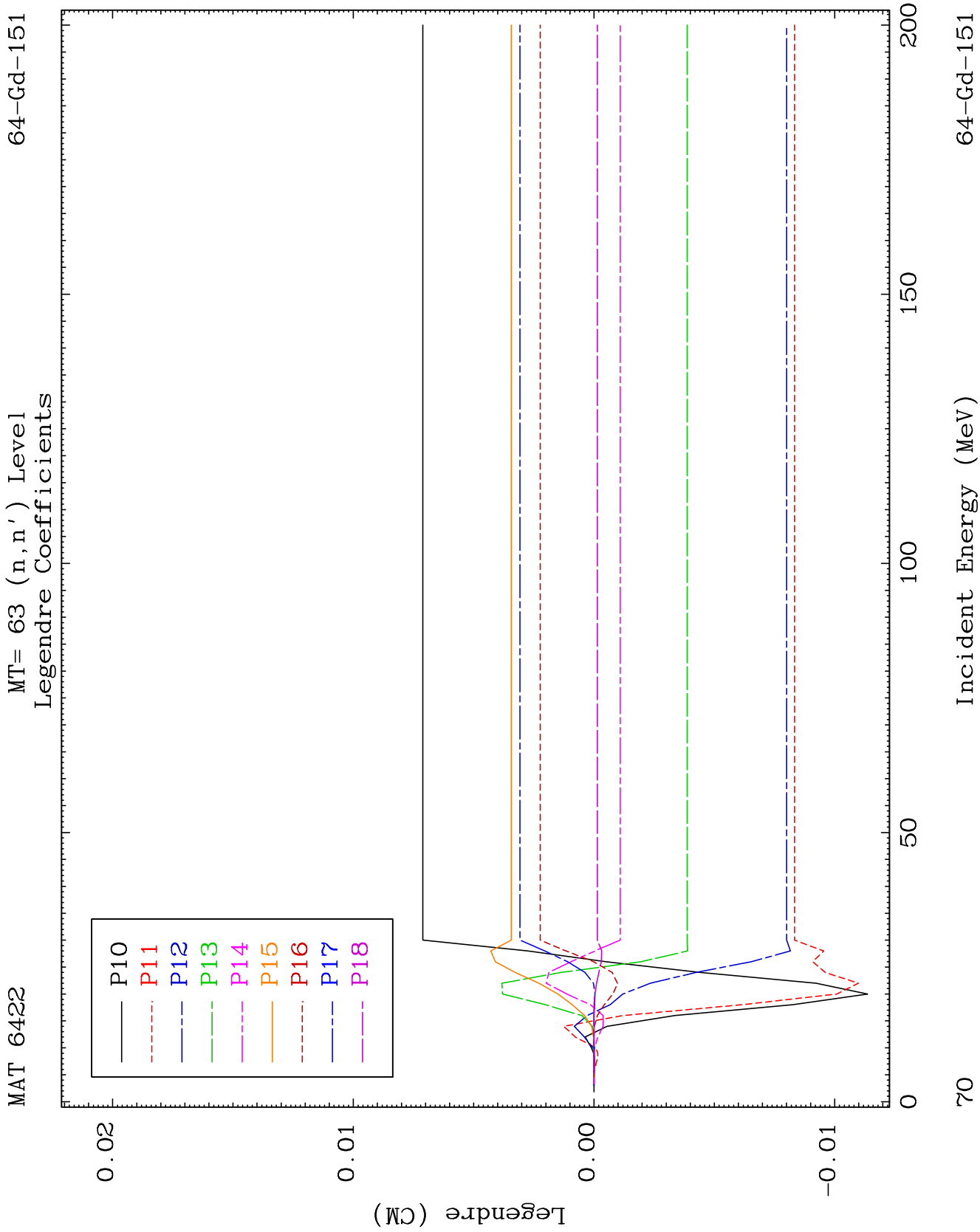


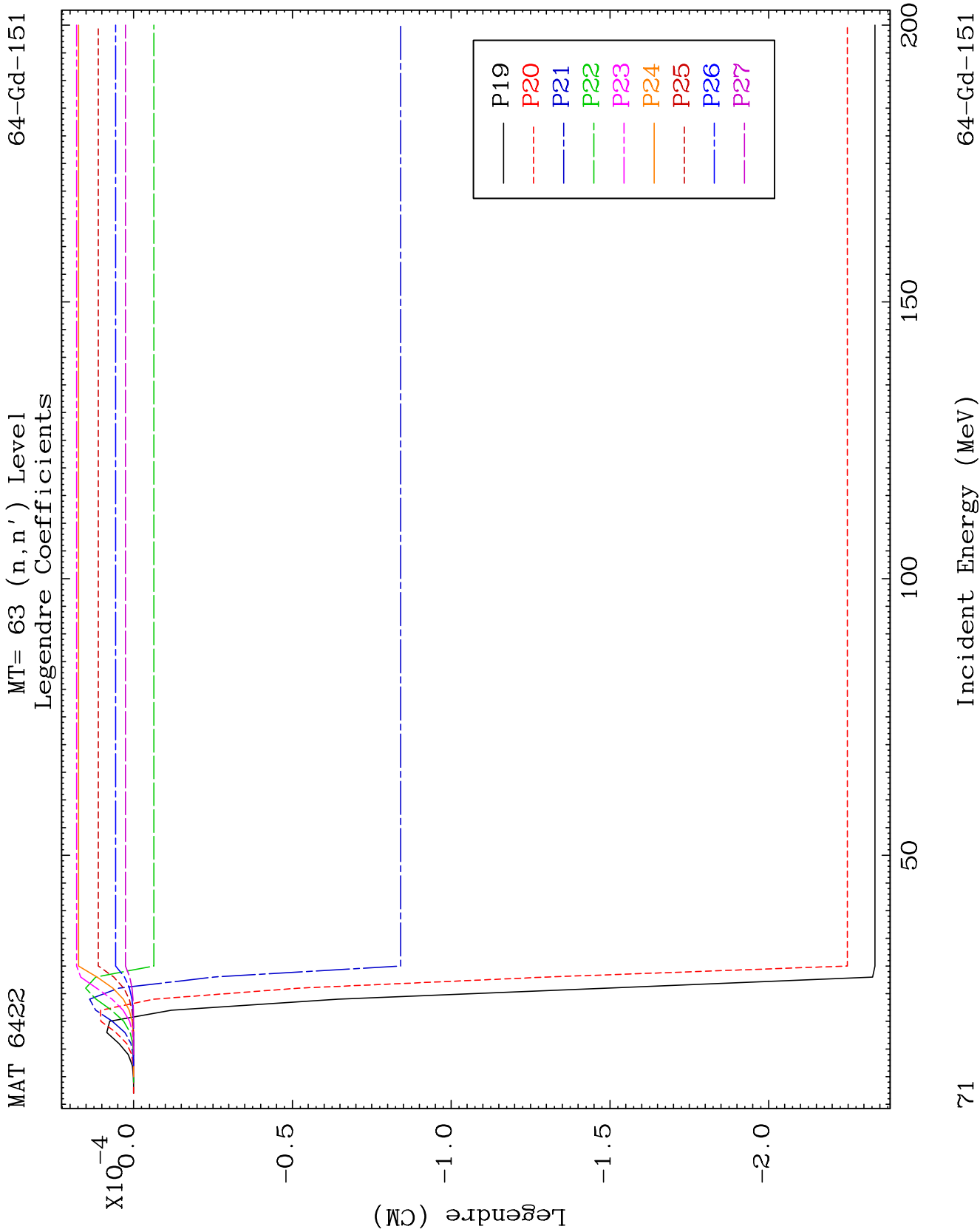
MAT 6422

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

64-Gd-151



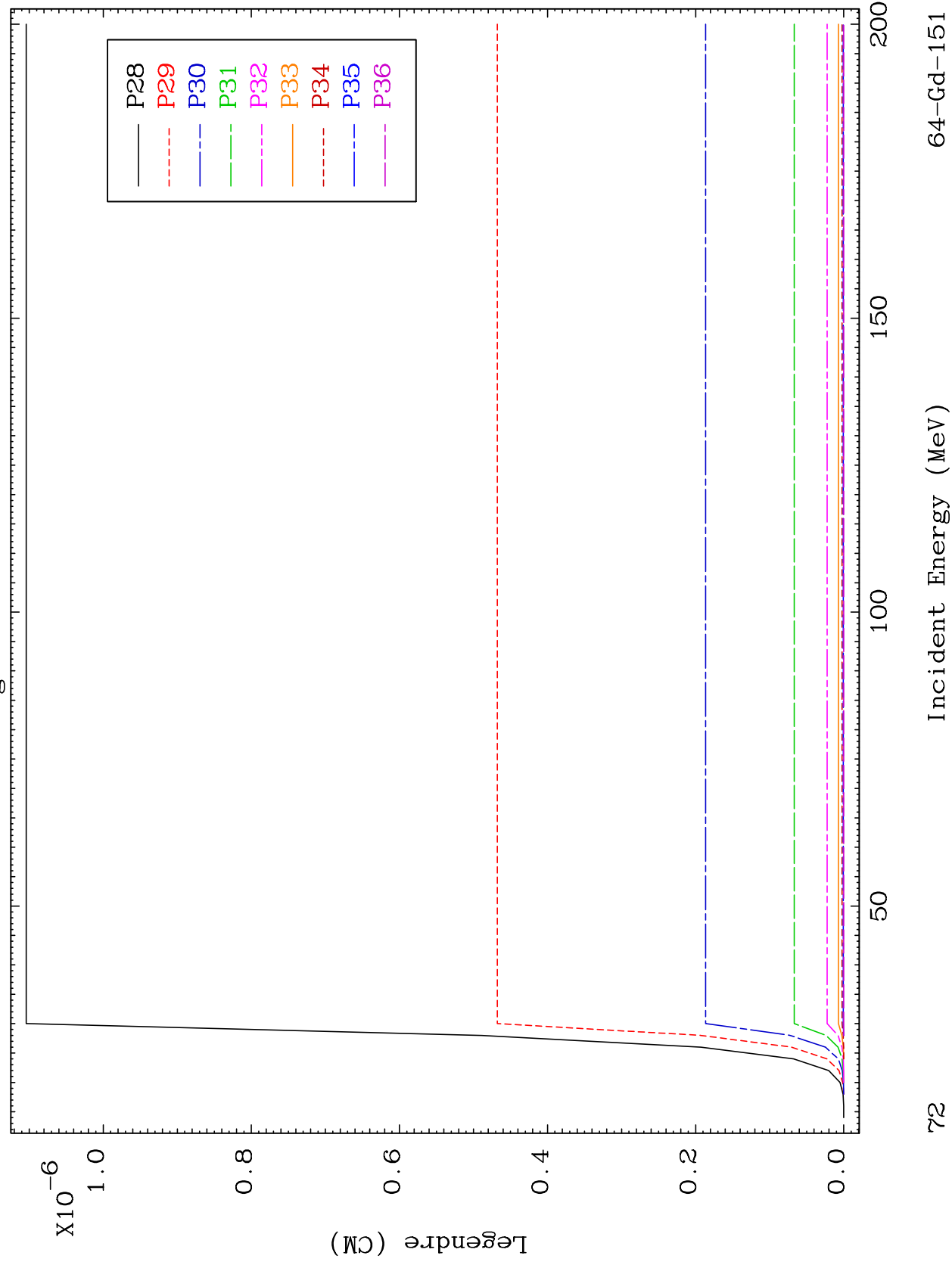




MAT 6422

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

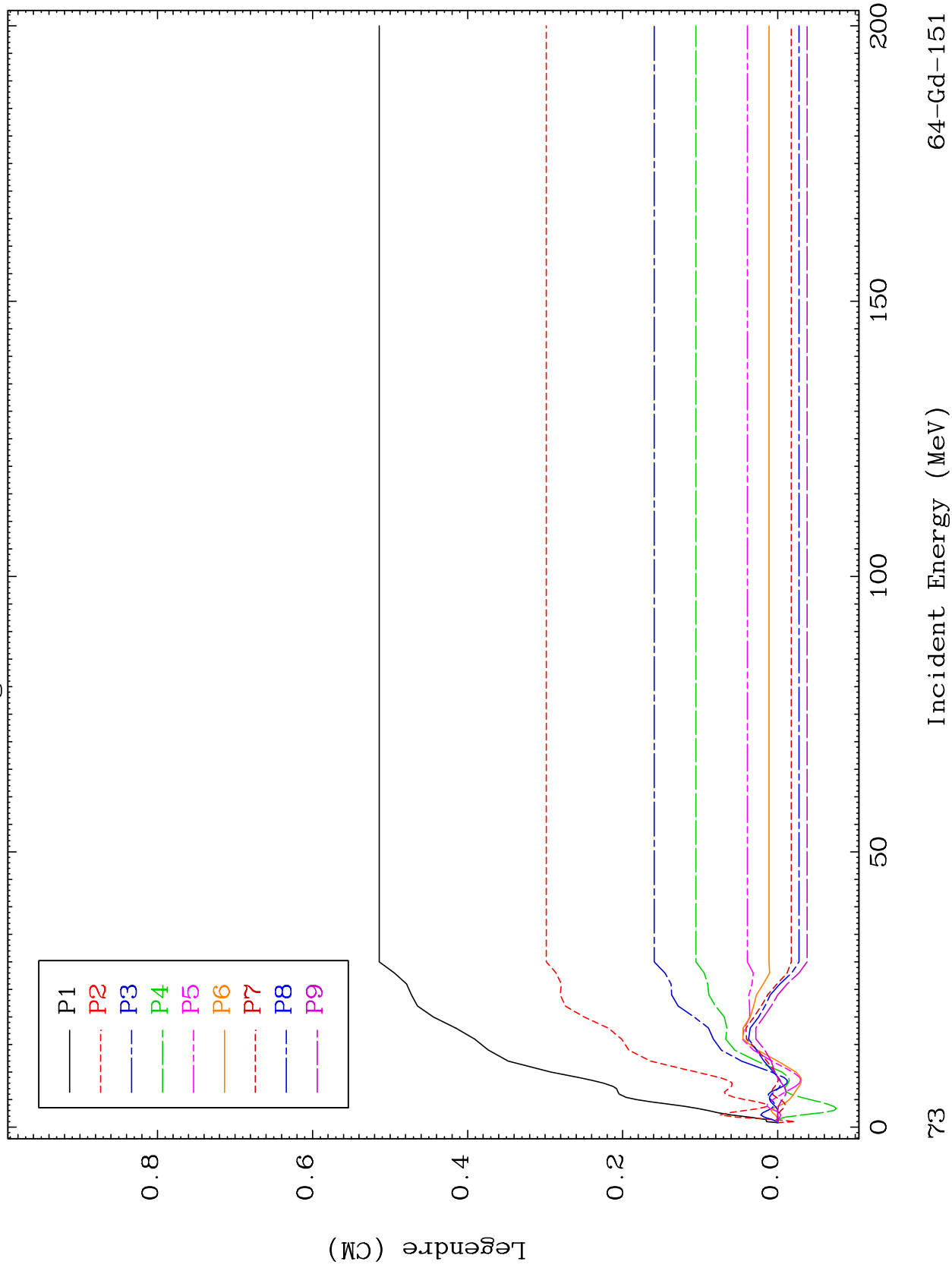
64-Gd-151

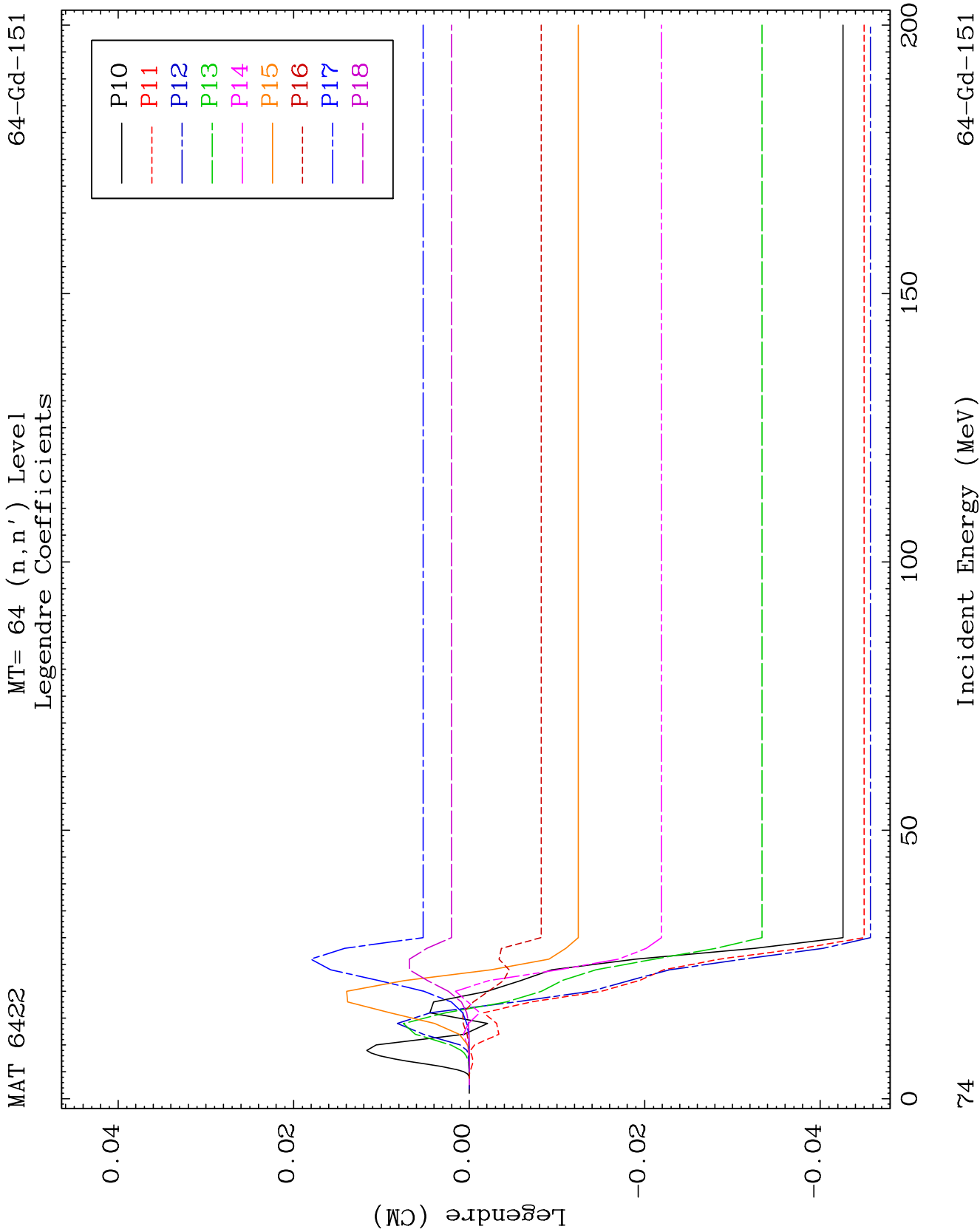


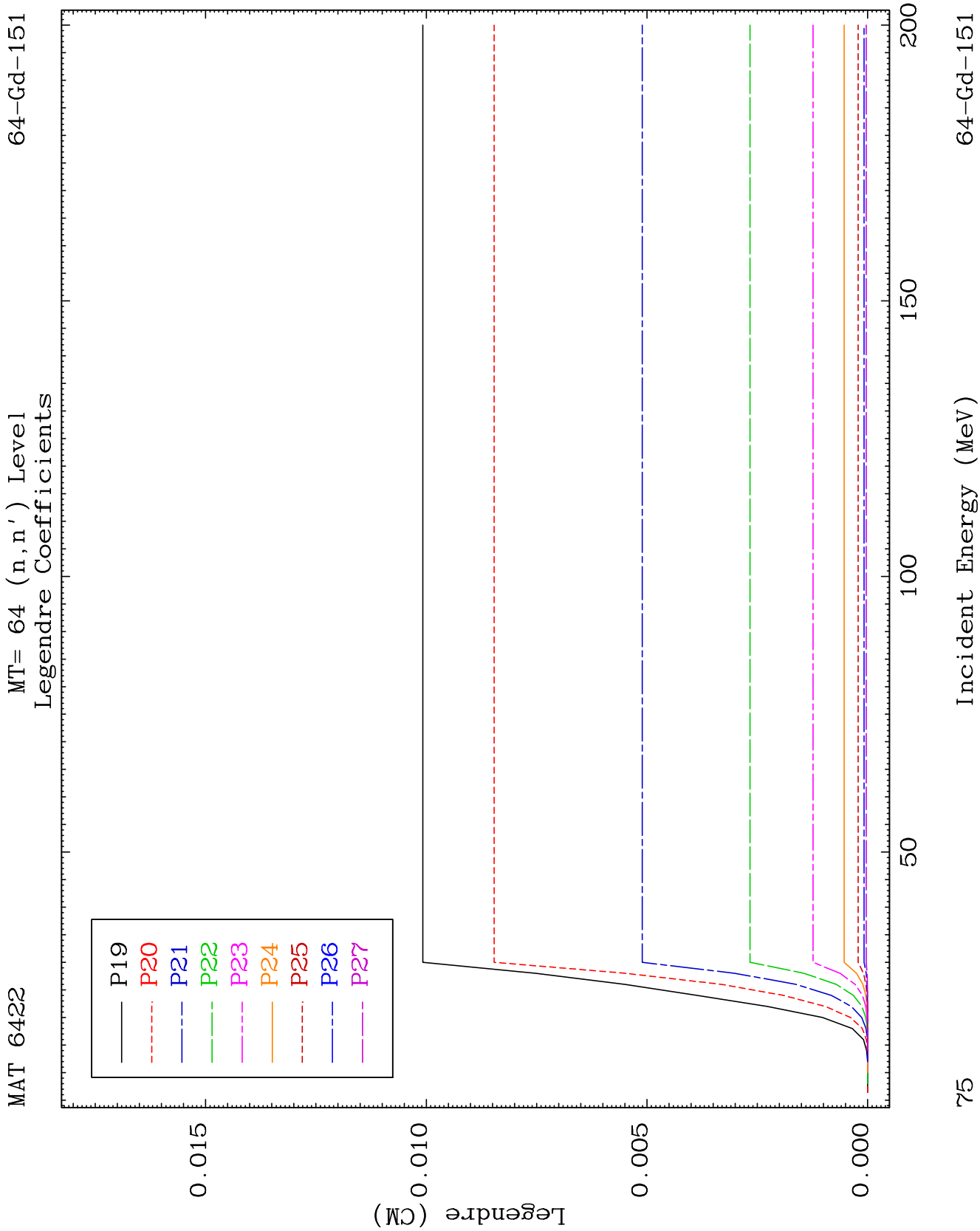
MAT 6422

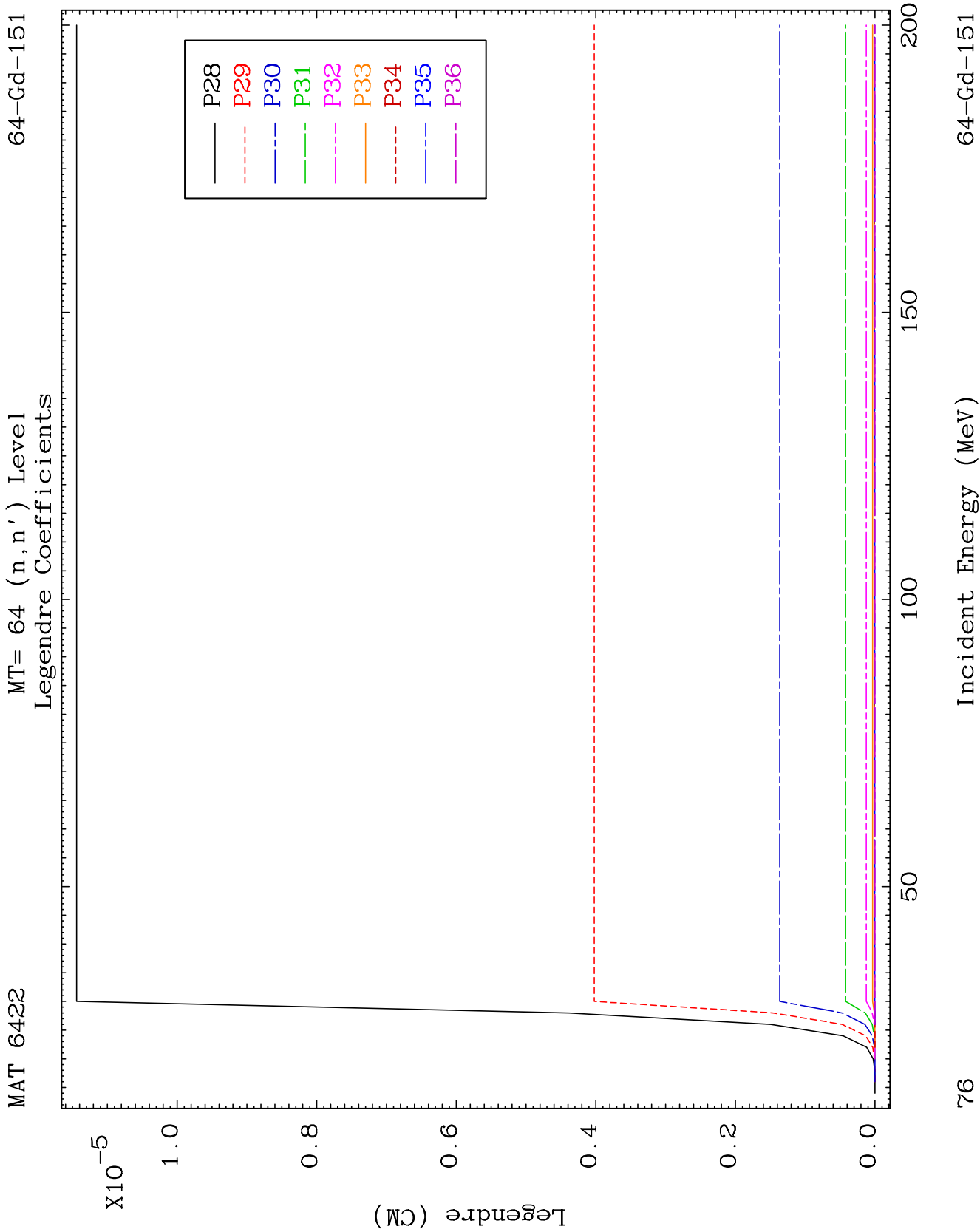
MT= 64 (n, n') Level
Legendre Coefficients

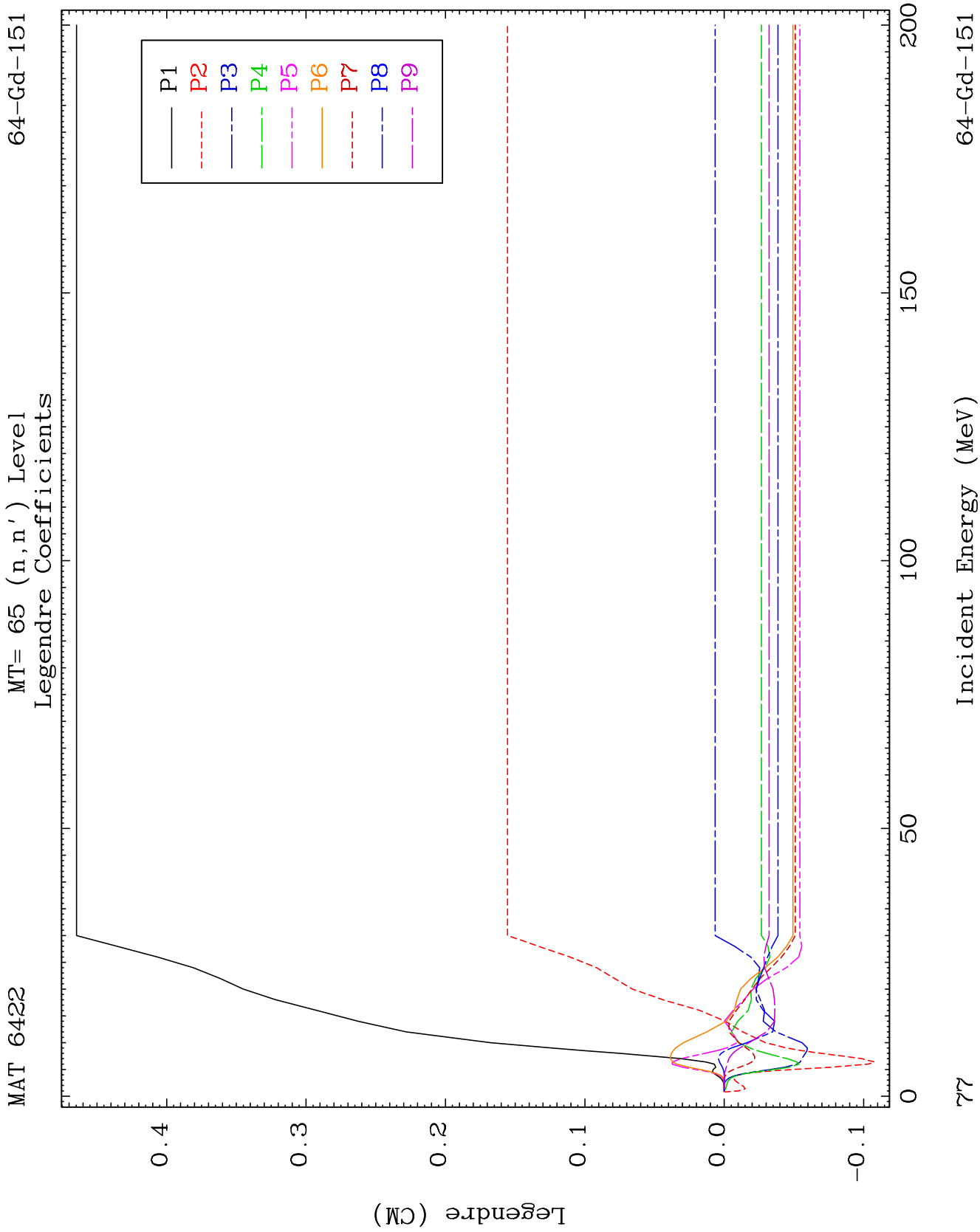
64-Gd-151

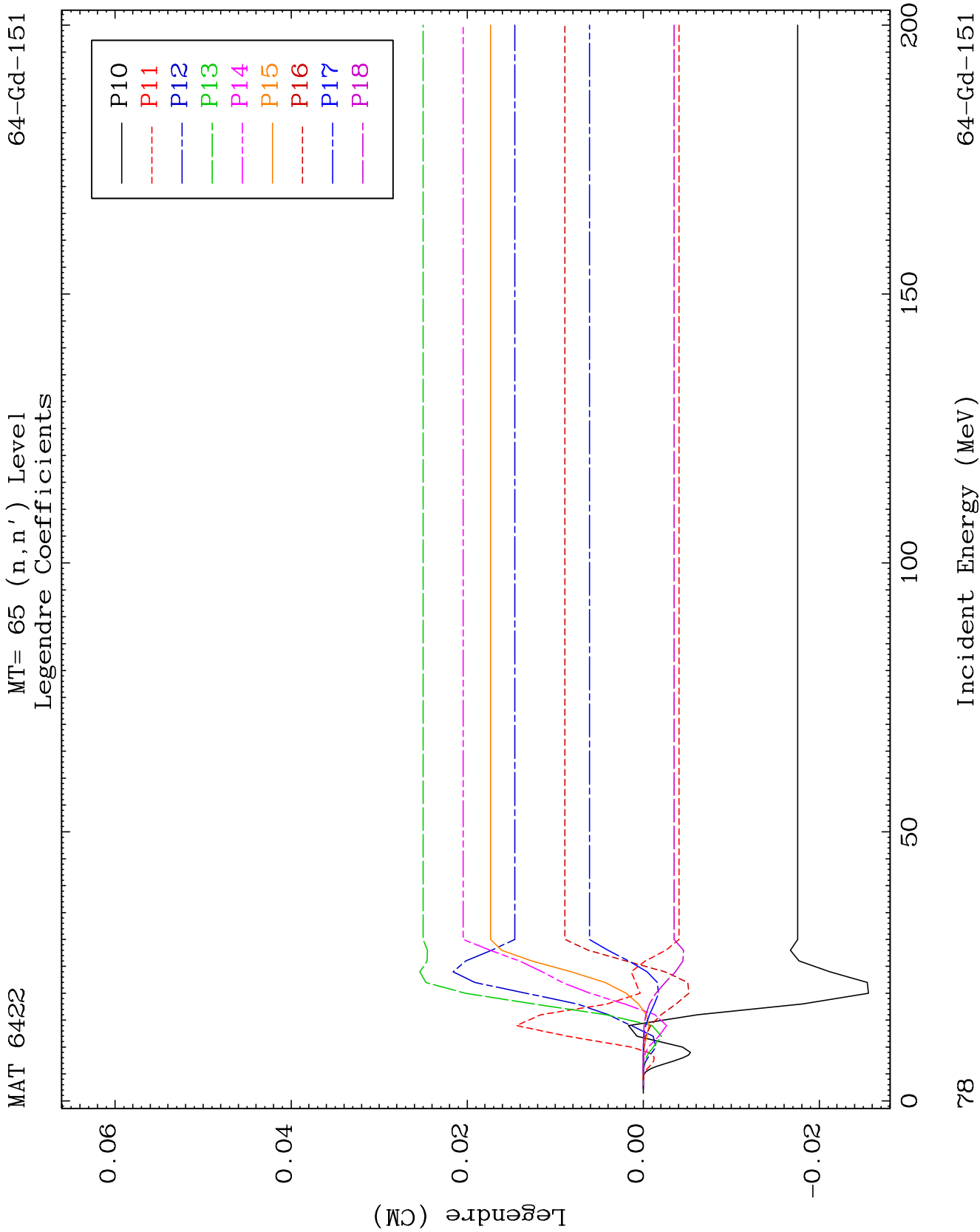


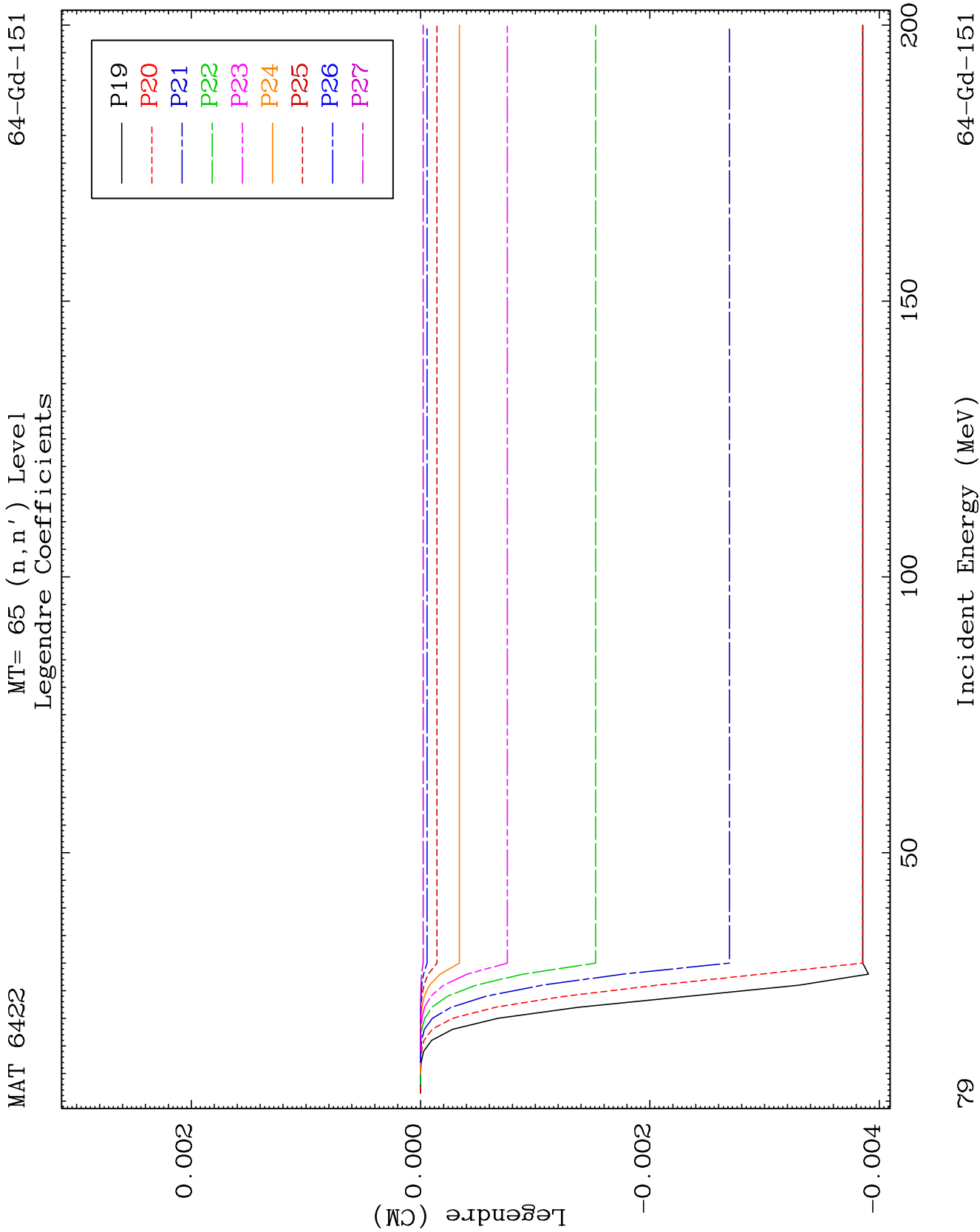


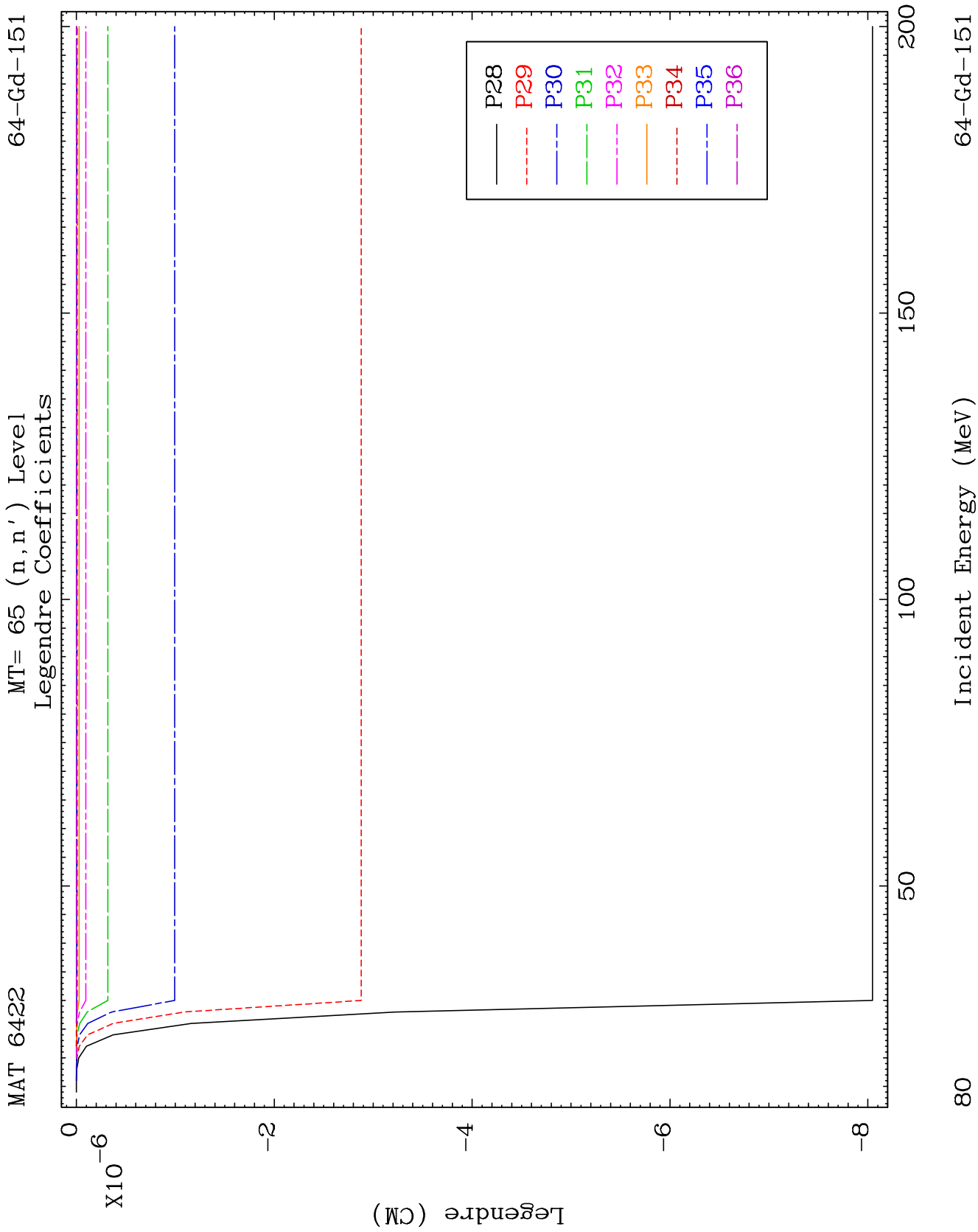








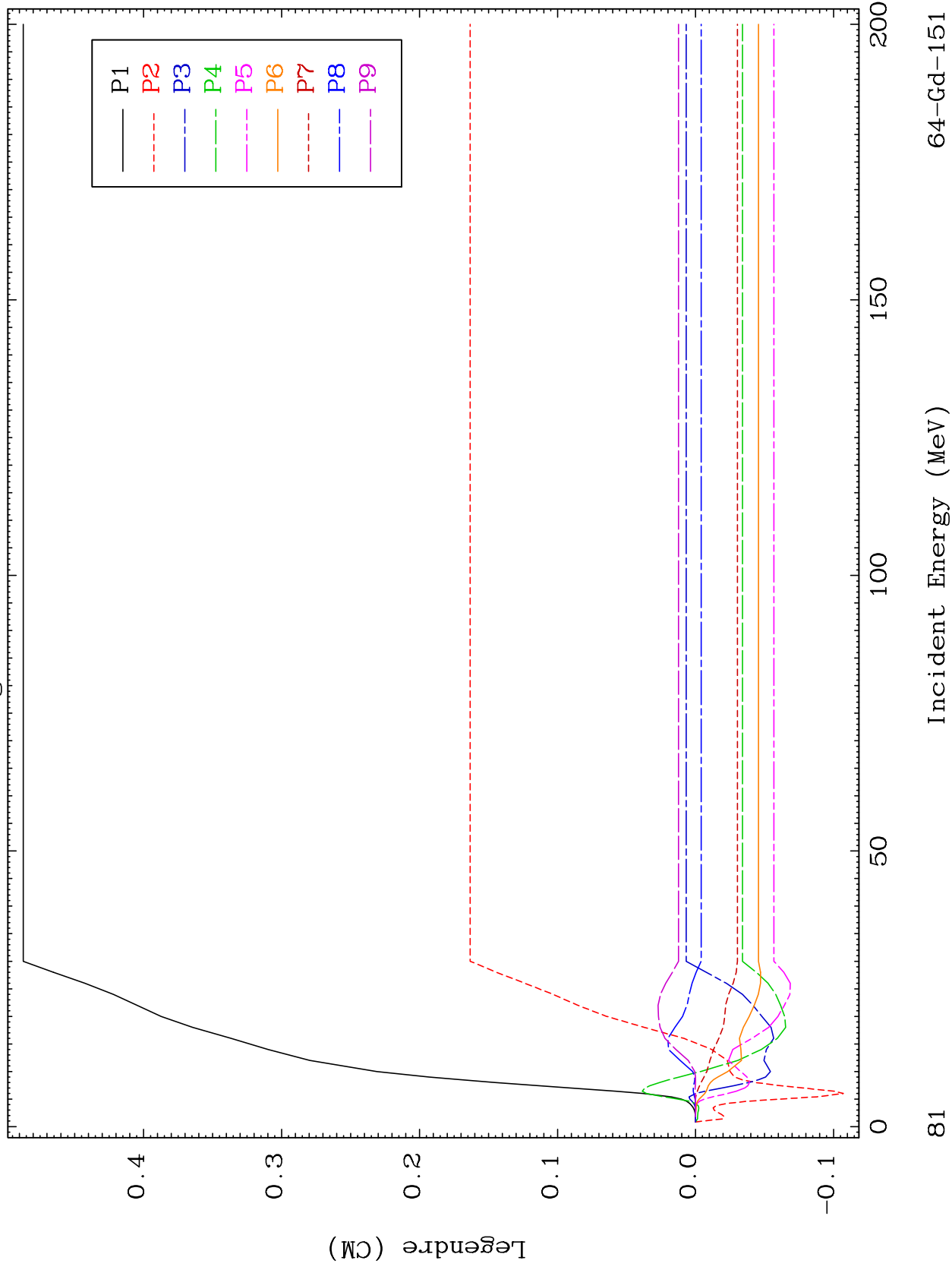




MAT 6422

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

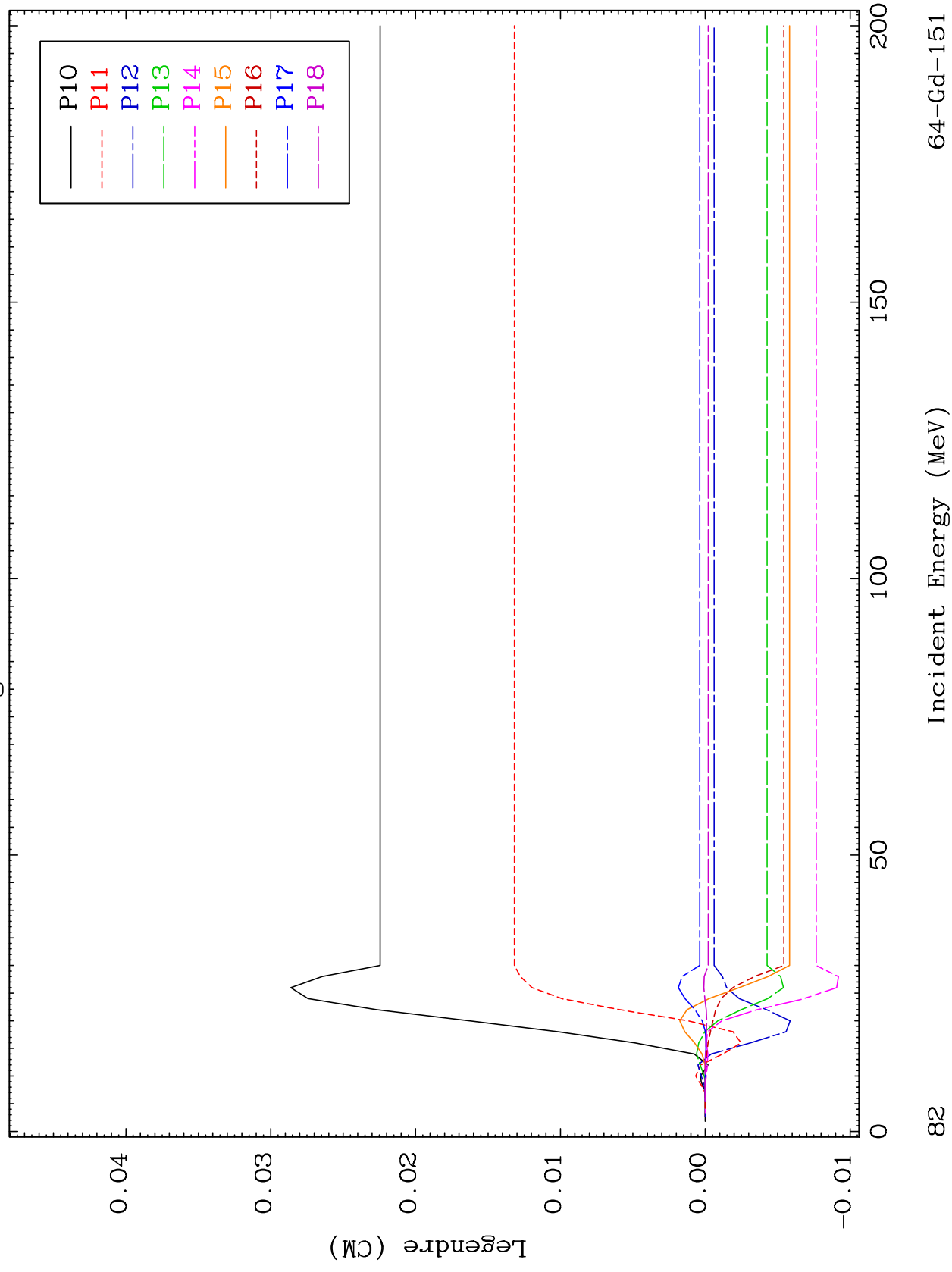
64-Gd-151

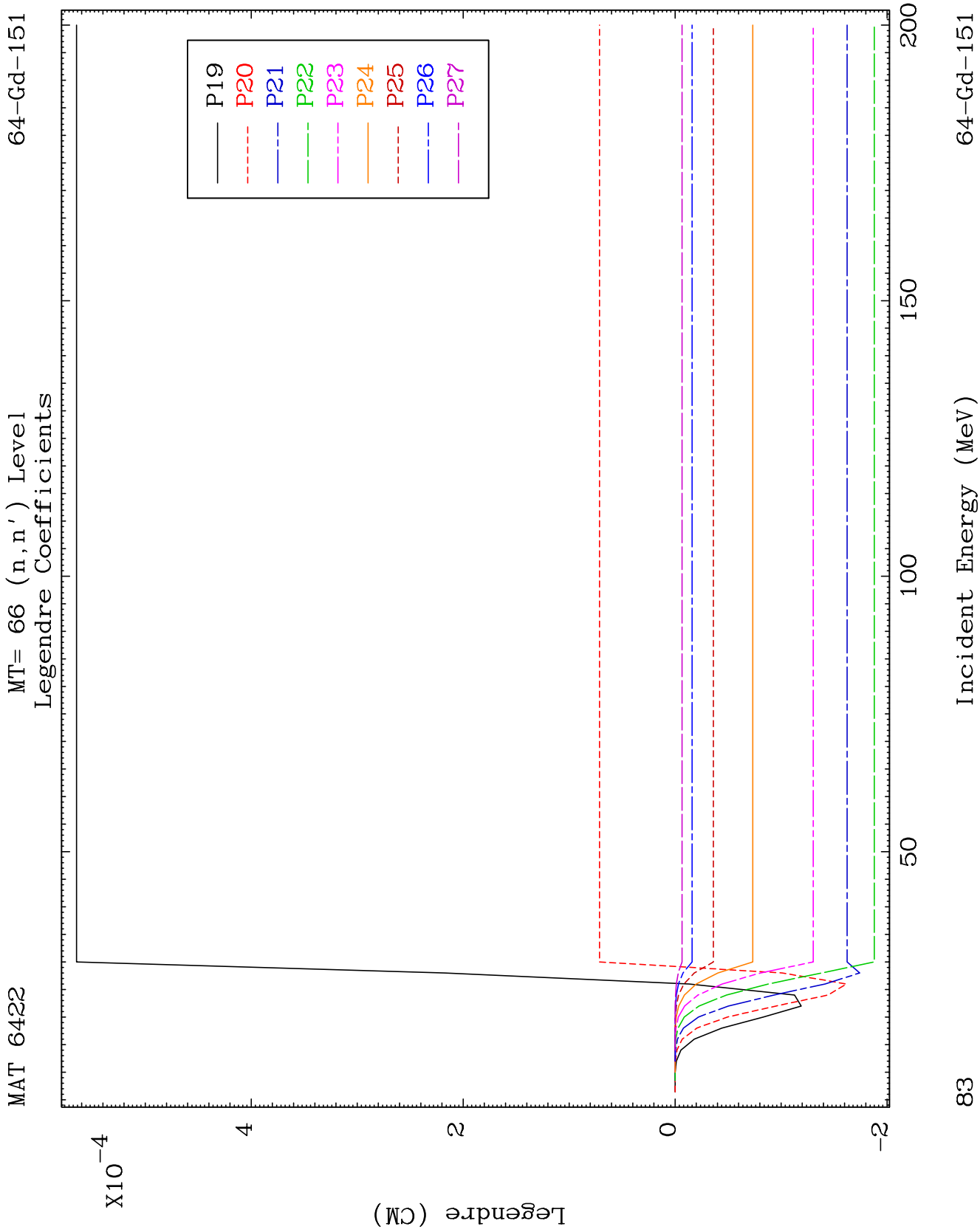


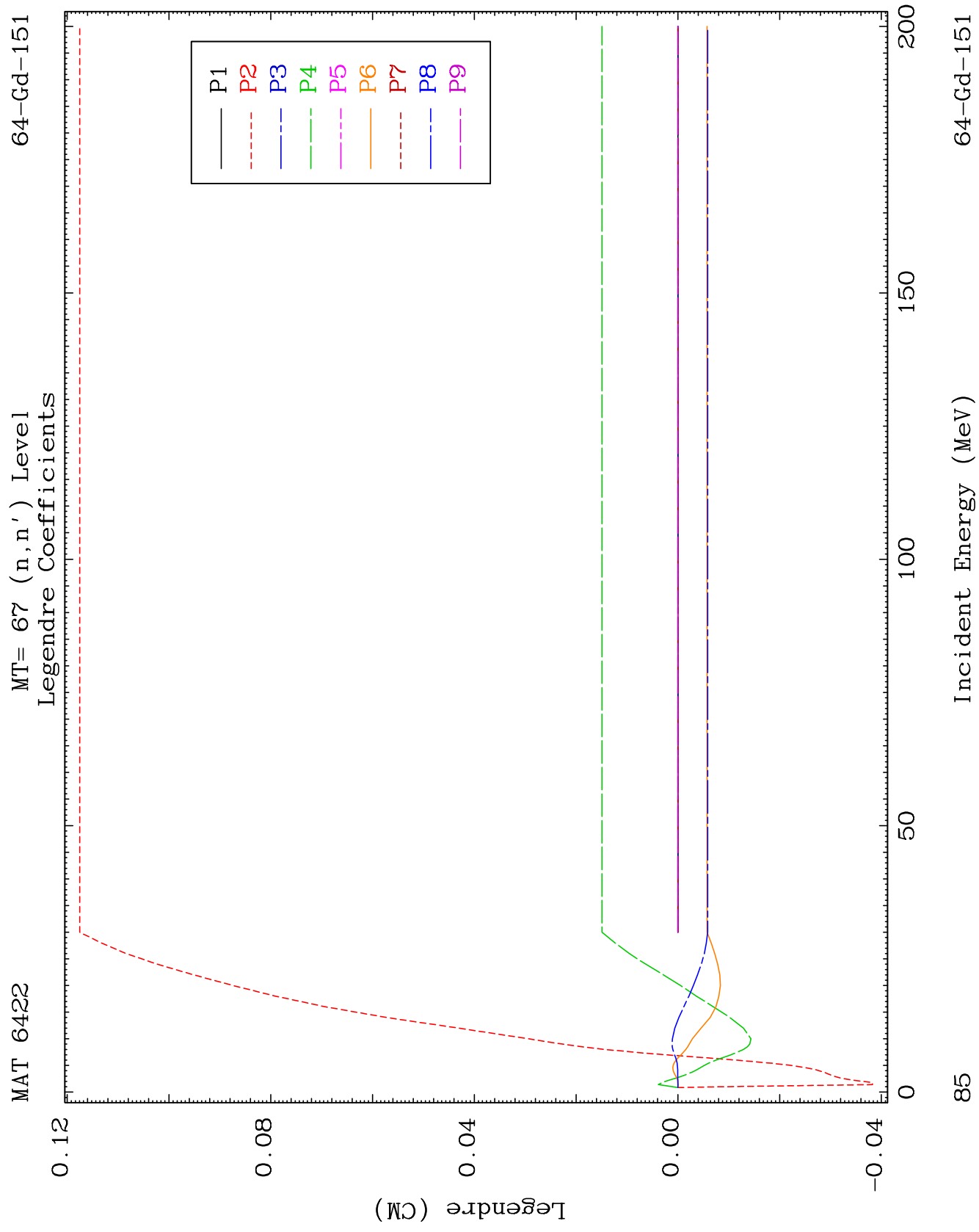
MAT 6422

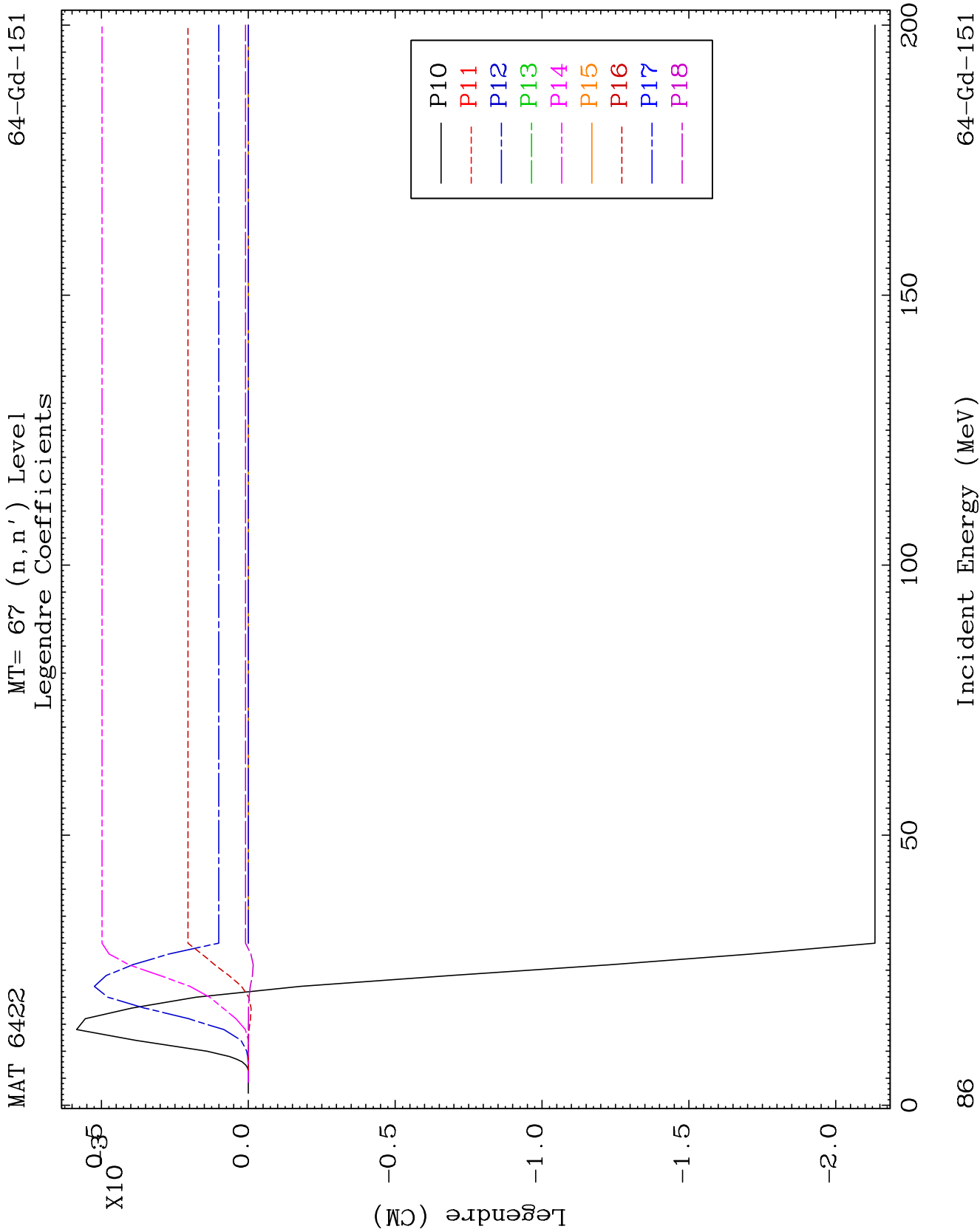
MT= 66 (n, n') Level
Legendre Coefficients

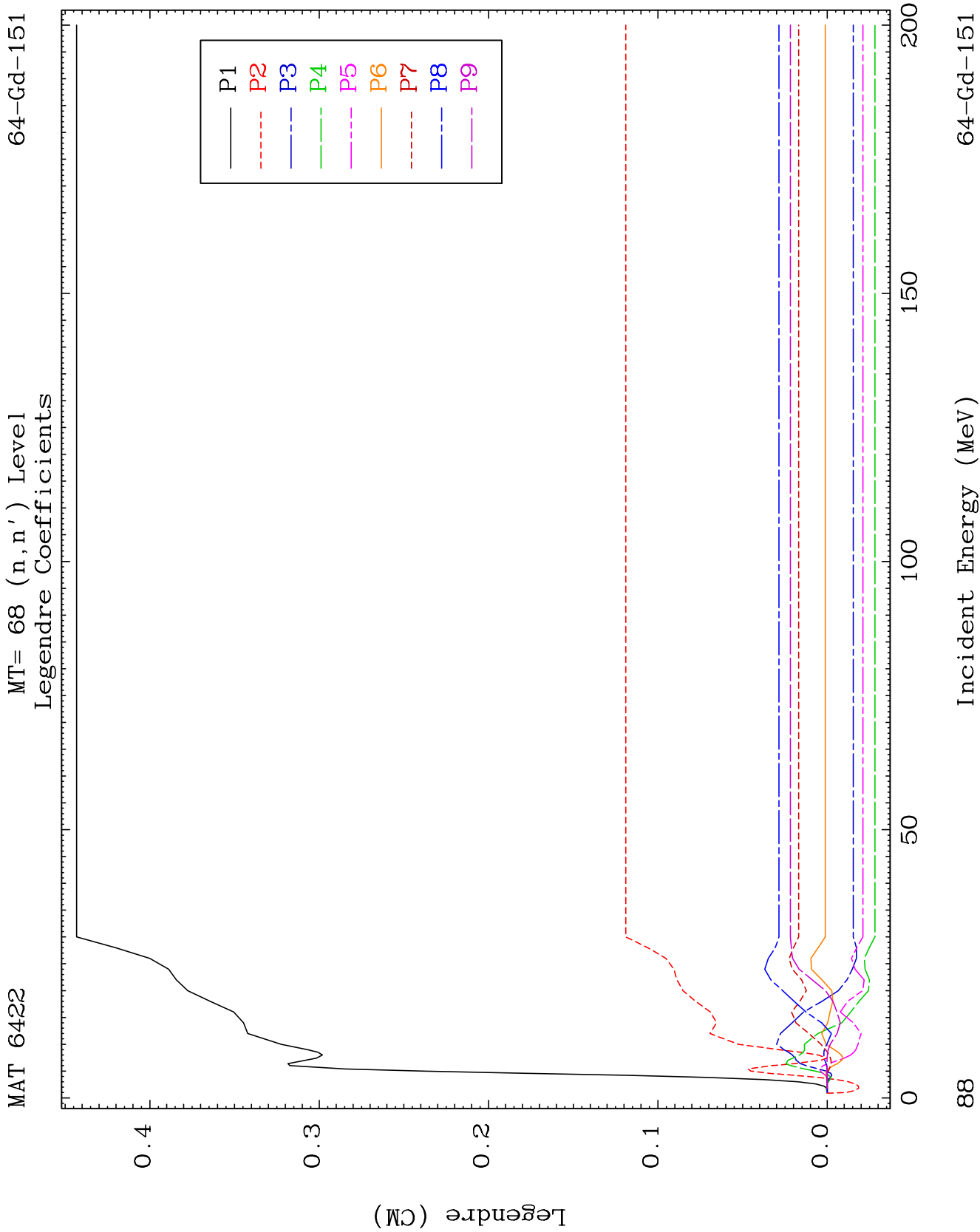
64-Gd-151

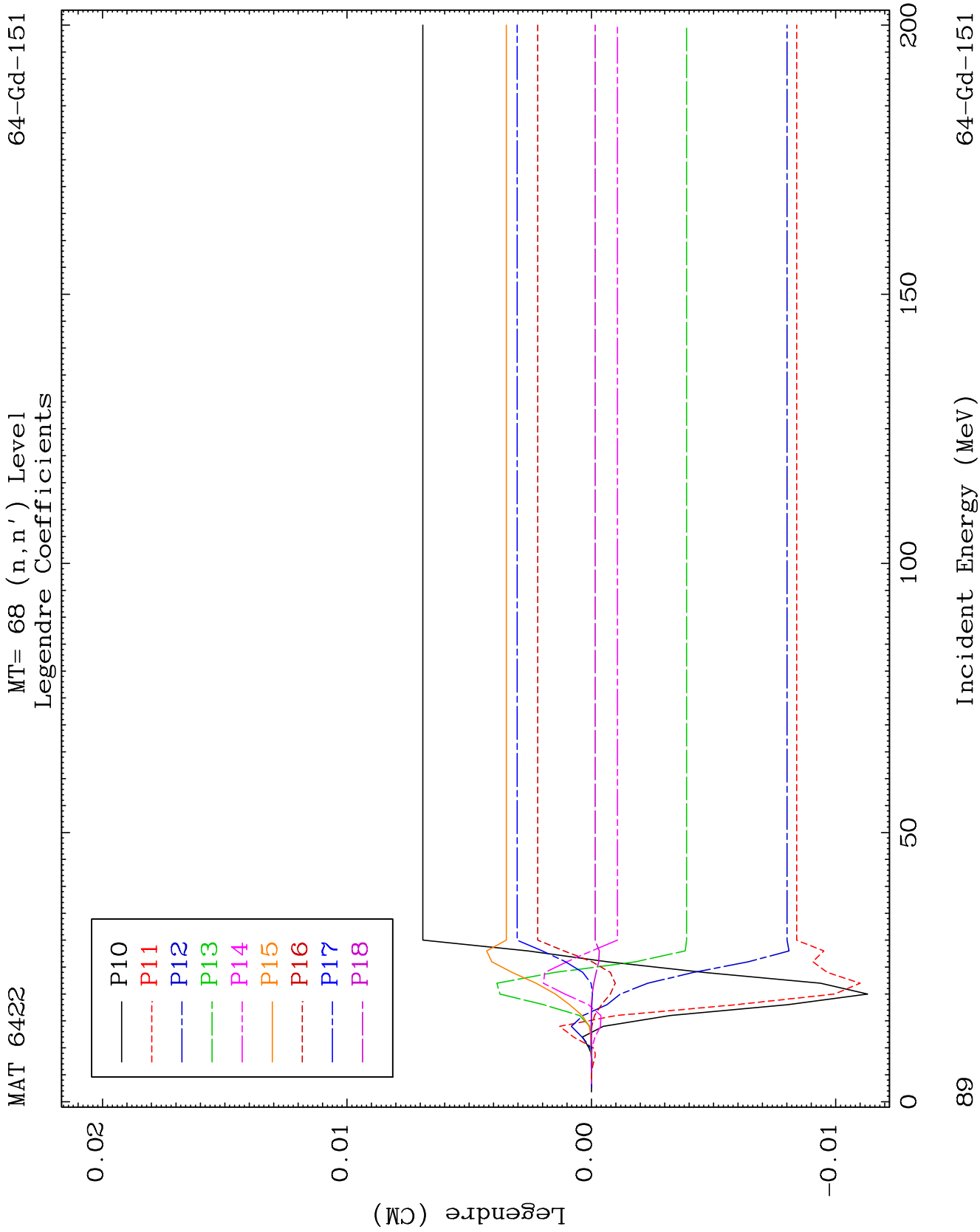


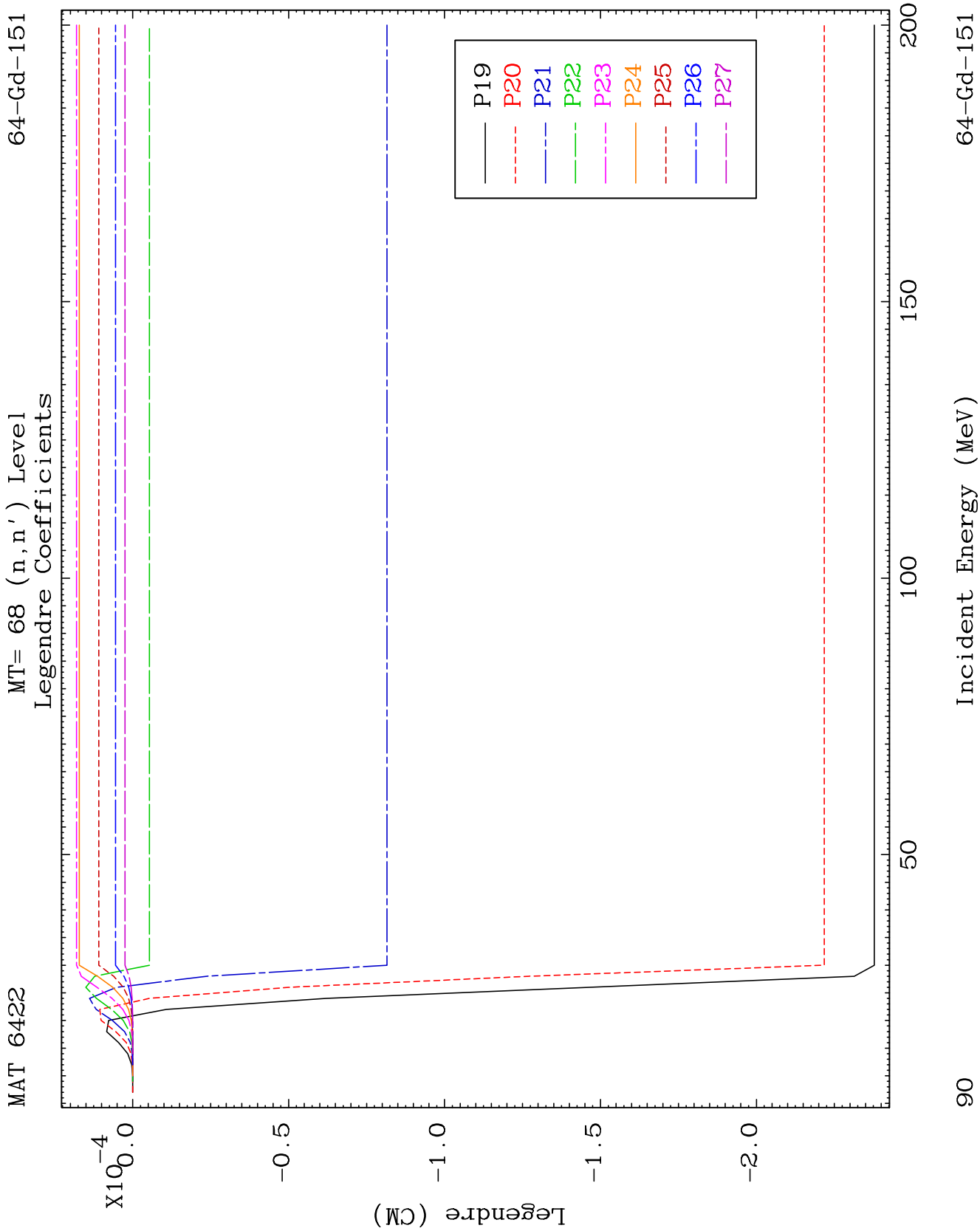


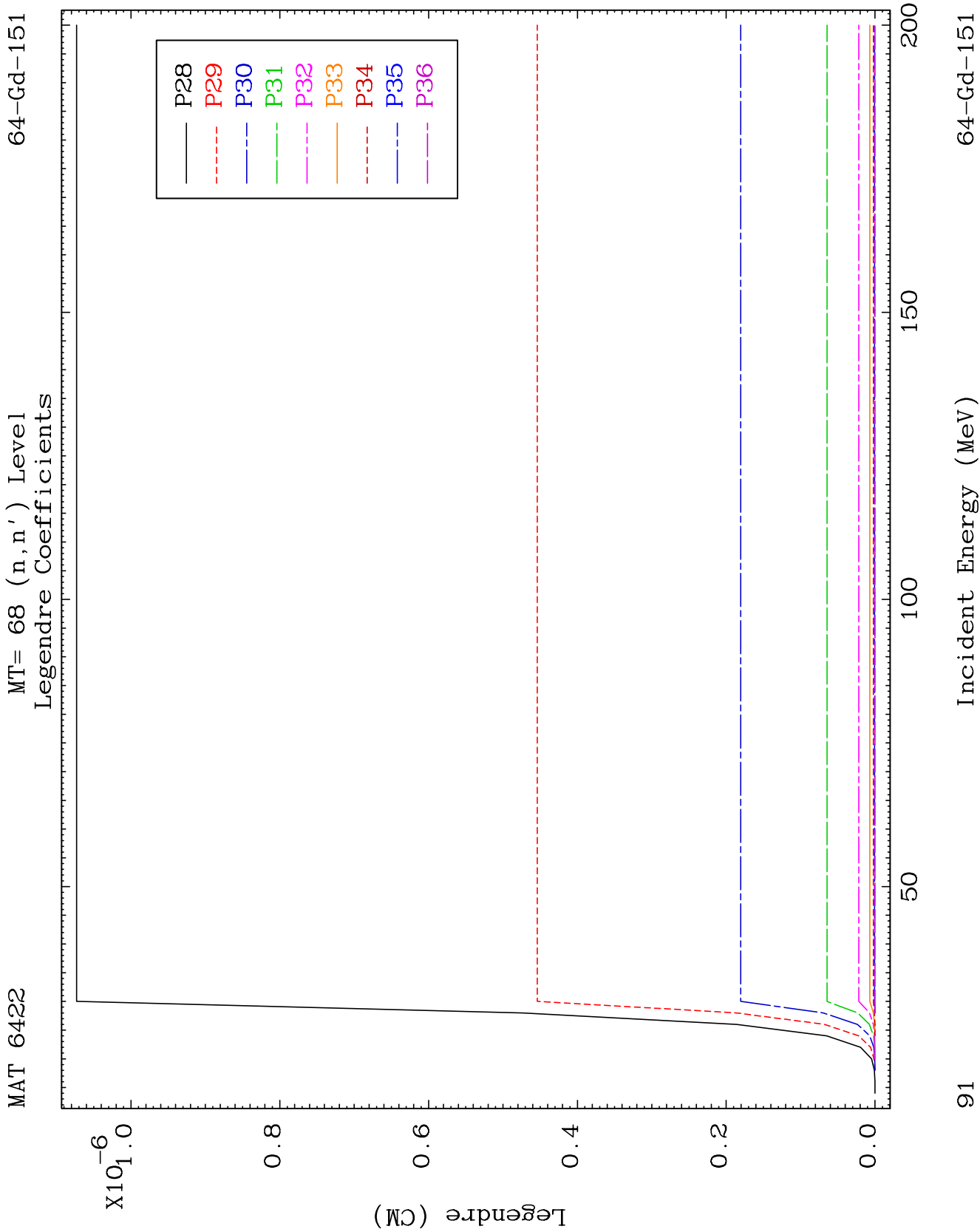


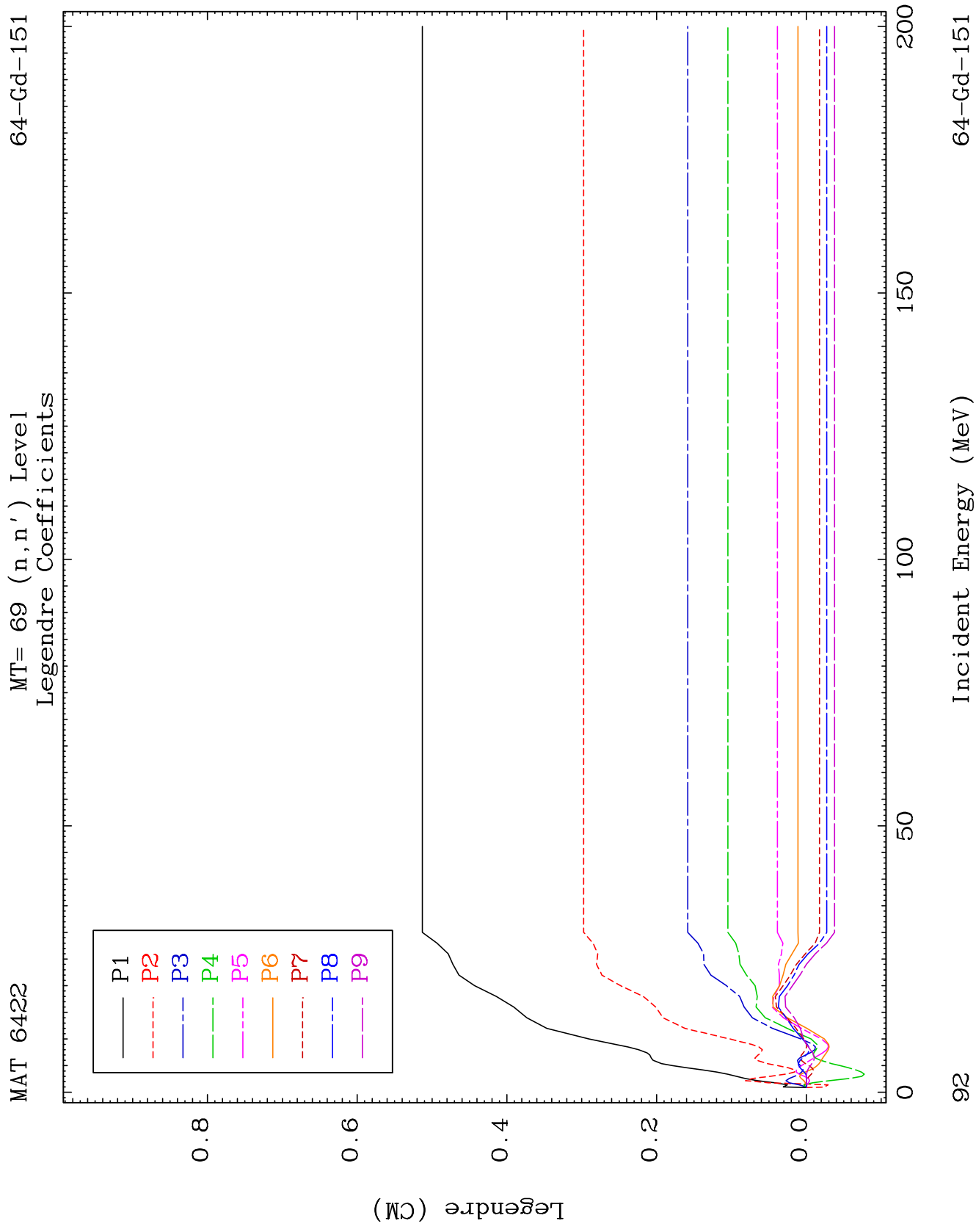








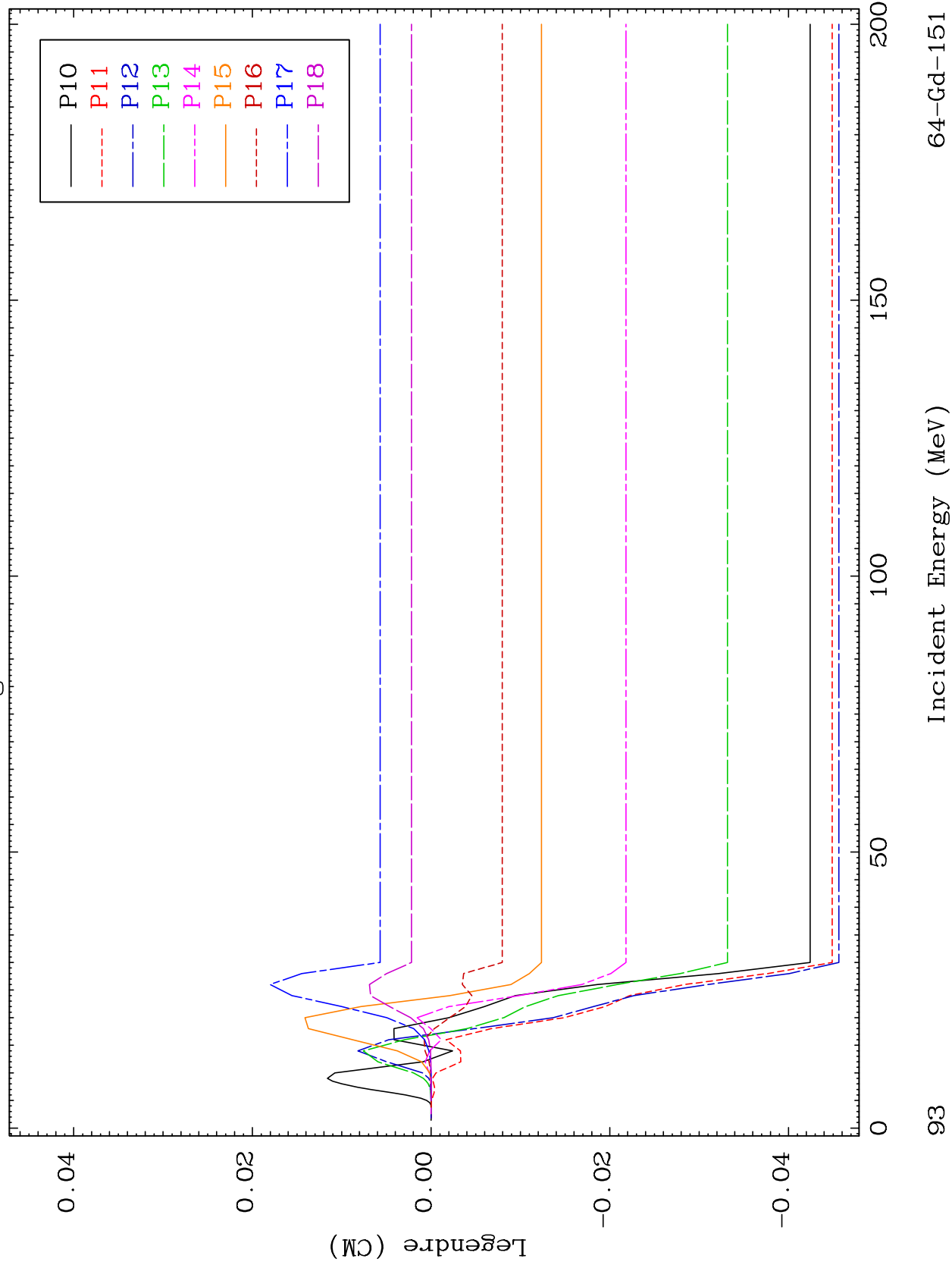




MAT 6422

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

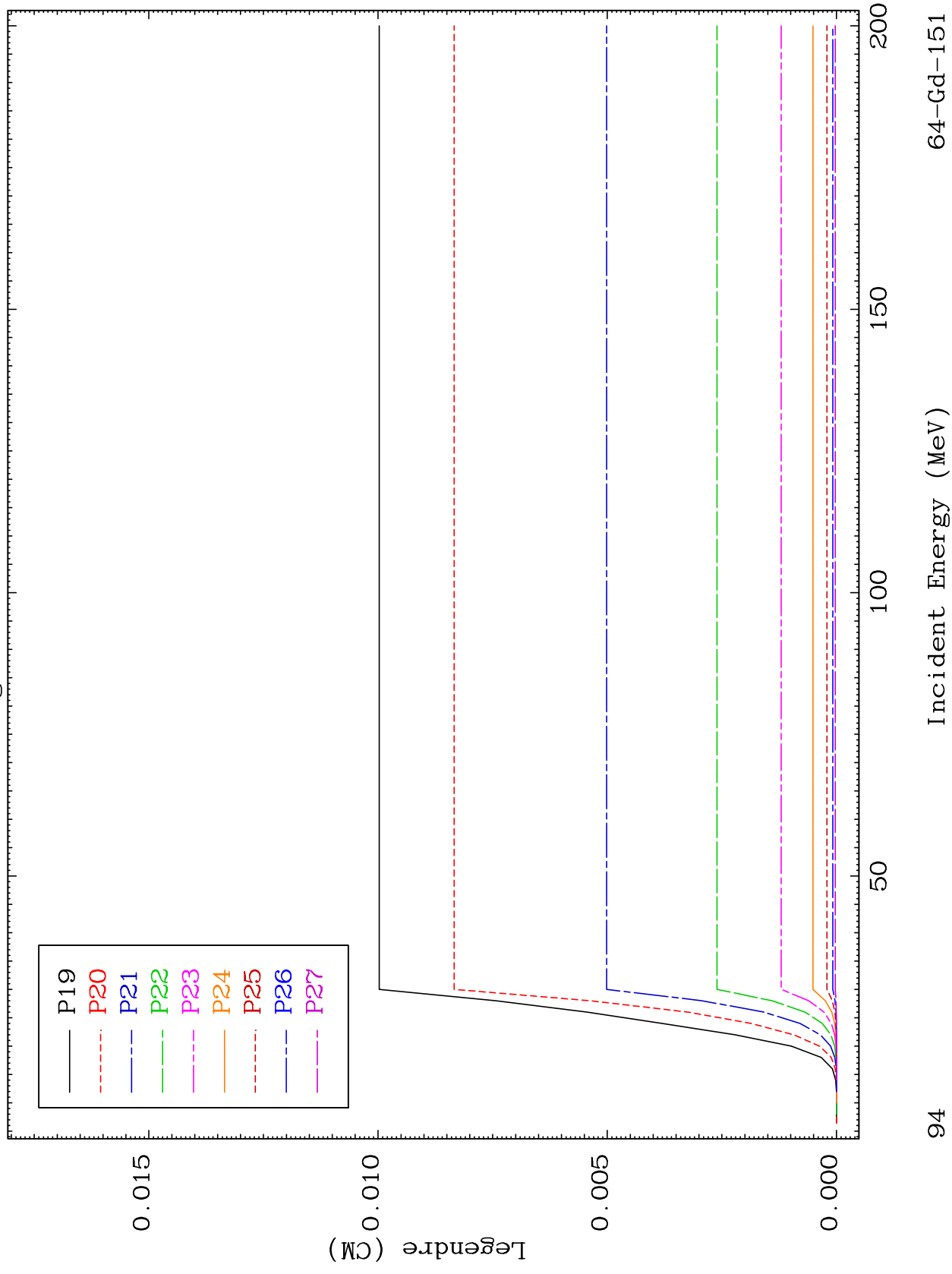
64-Gd-151

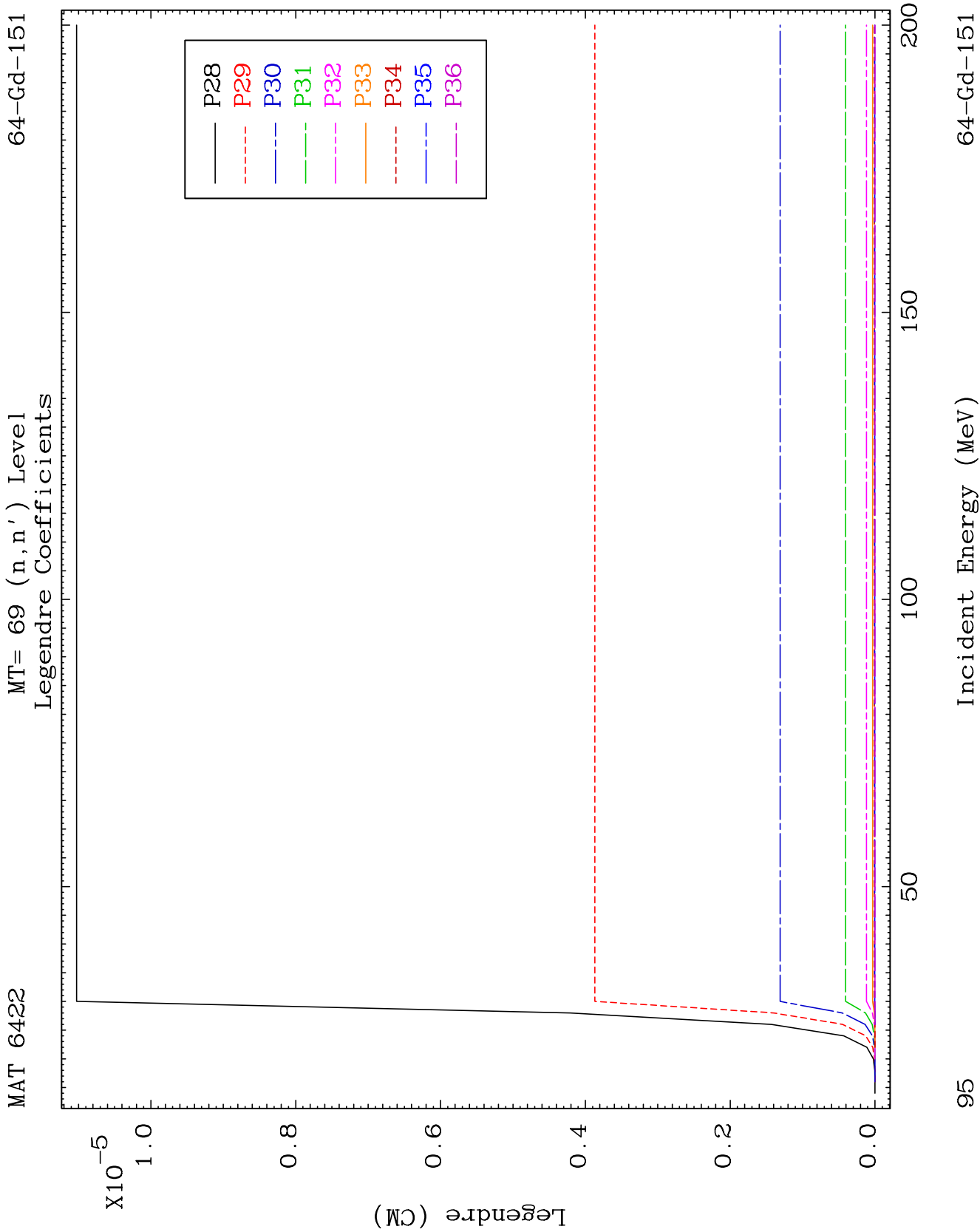


MAT 6422

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

64-Gd-151

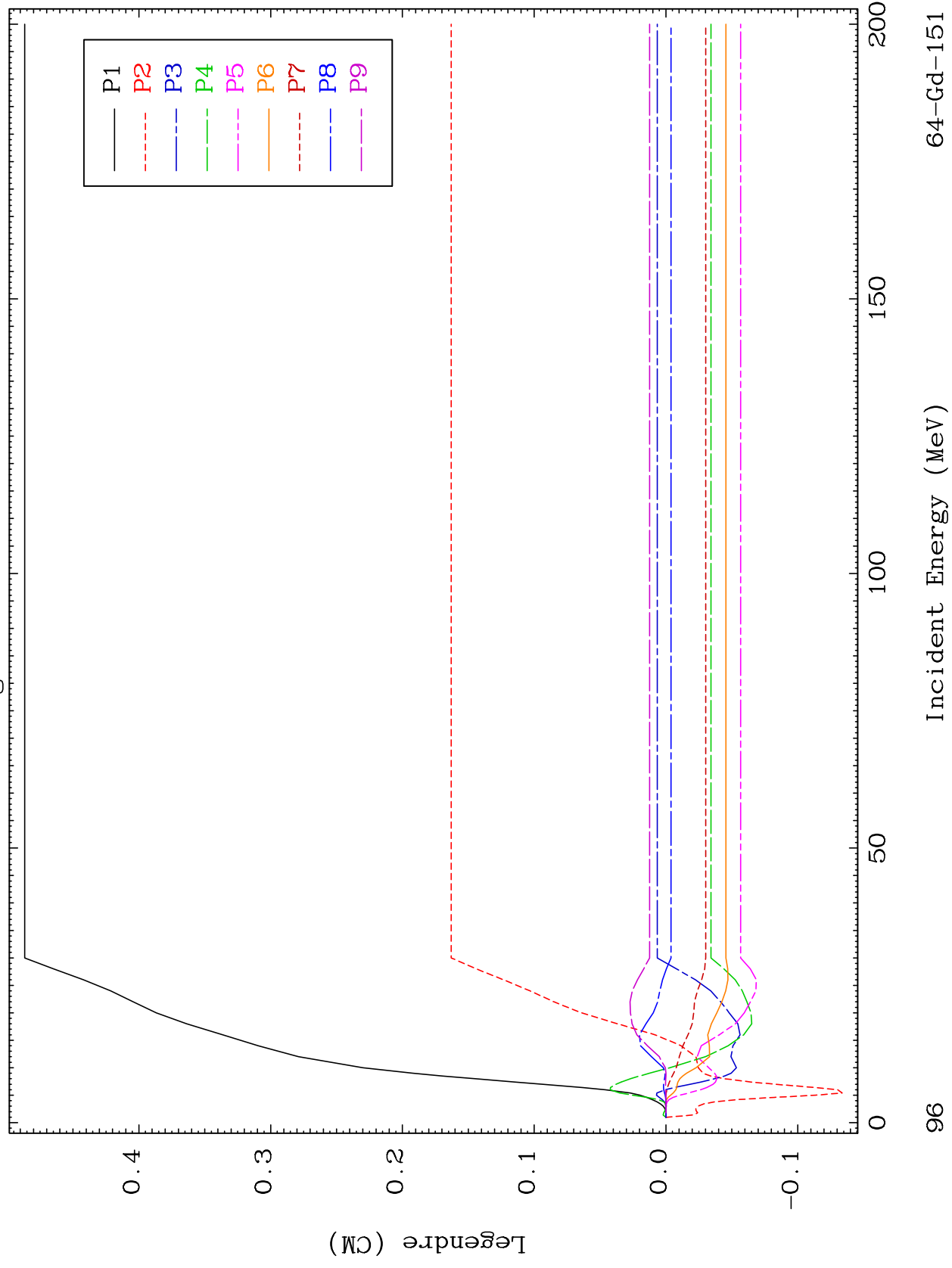




MAT 6422

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

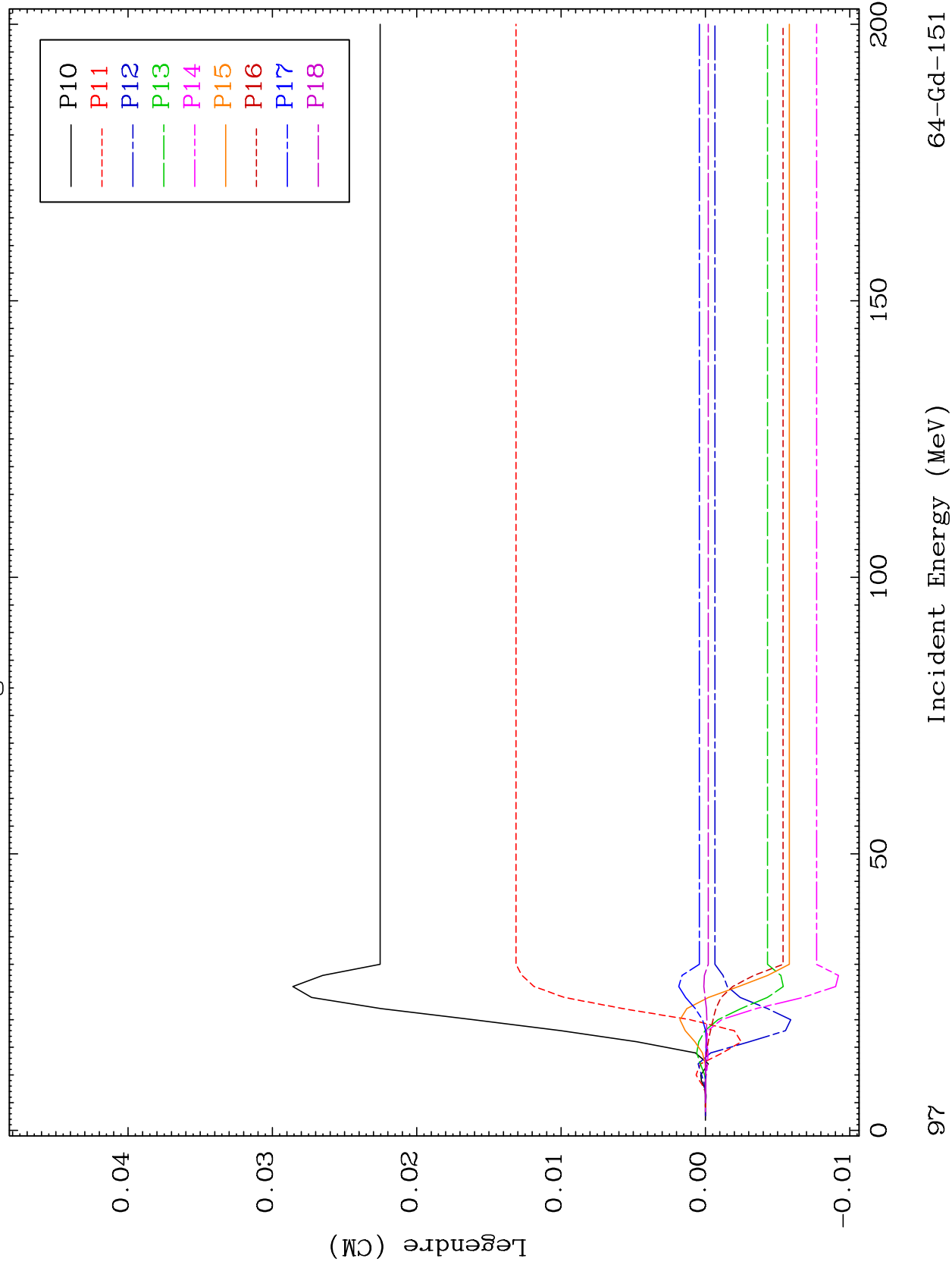
64-Gd-151

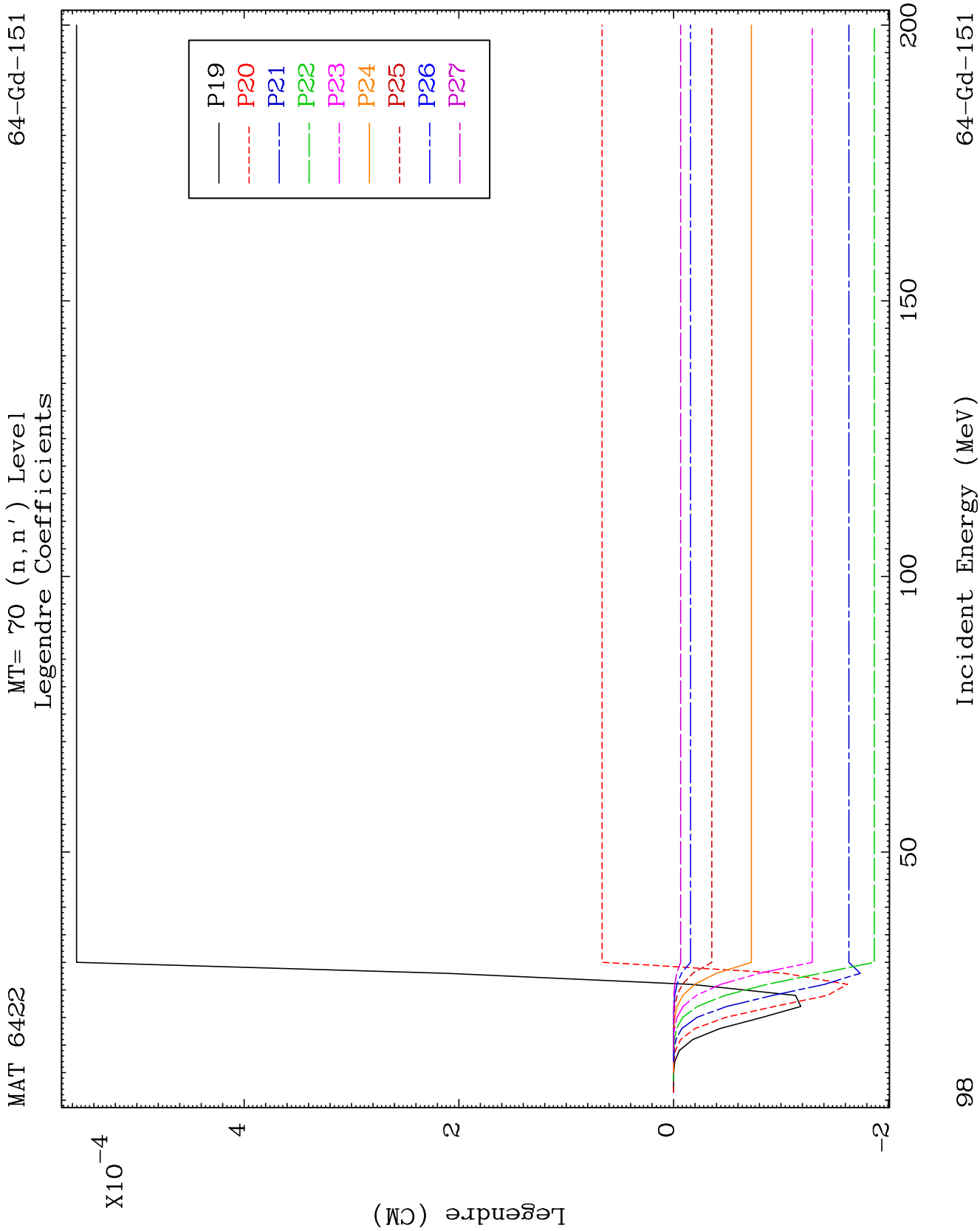


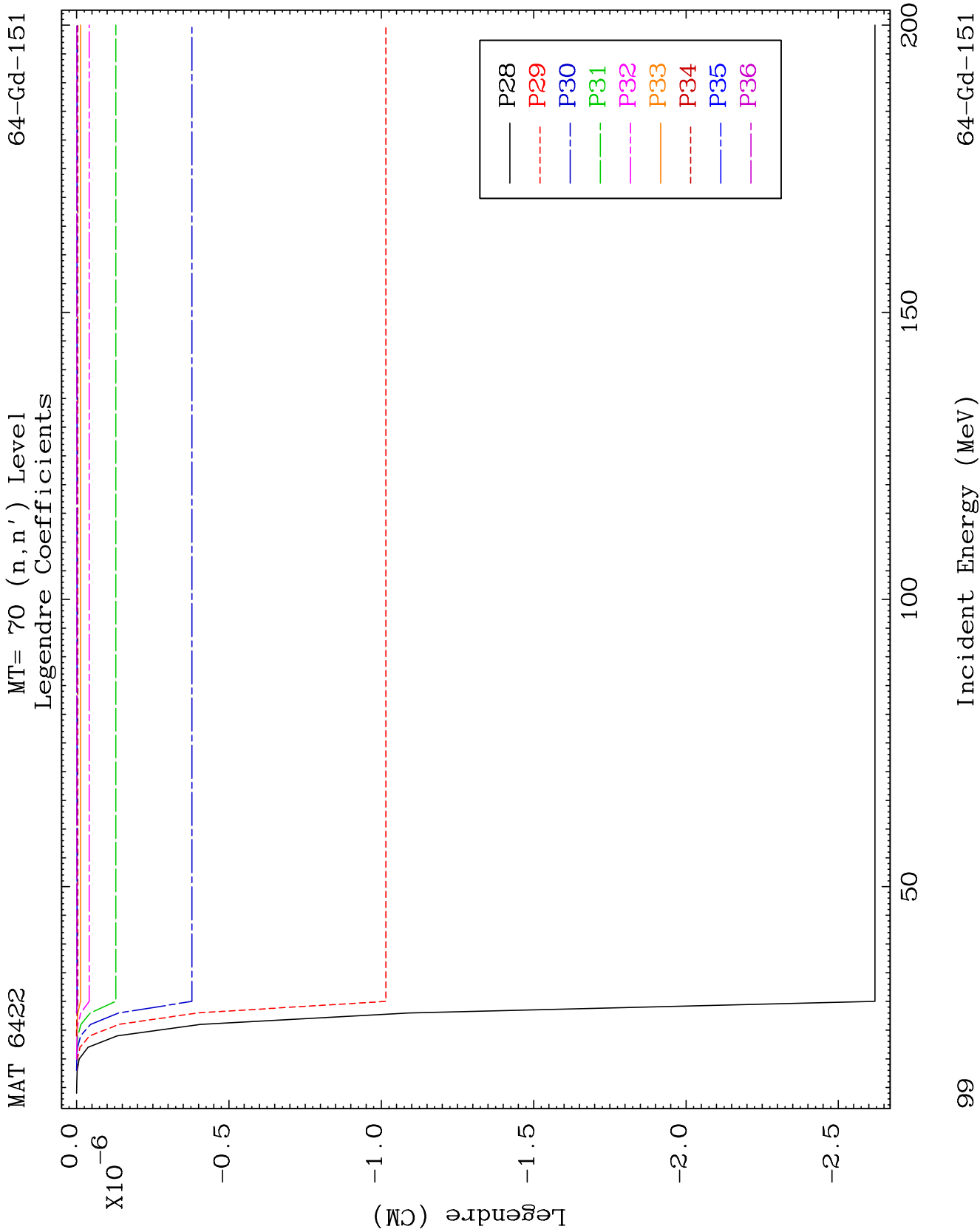
MAT 6422

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

64-Gd-151



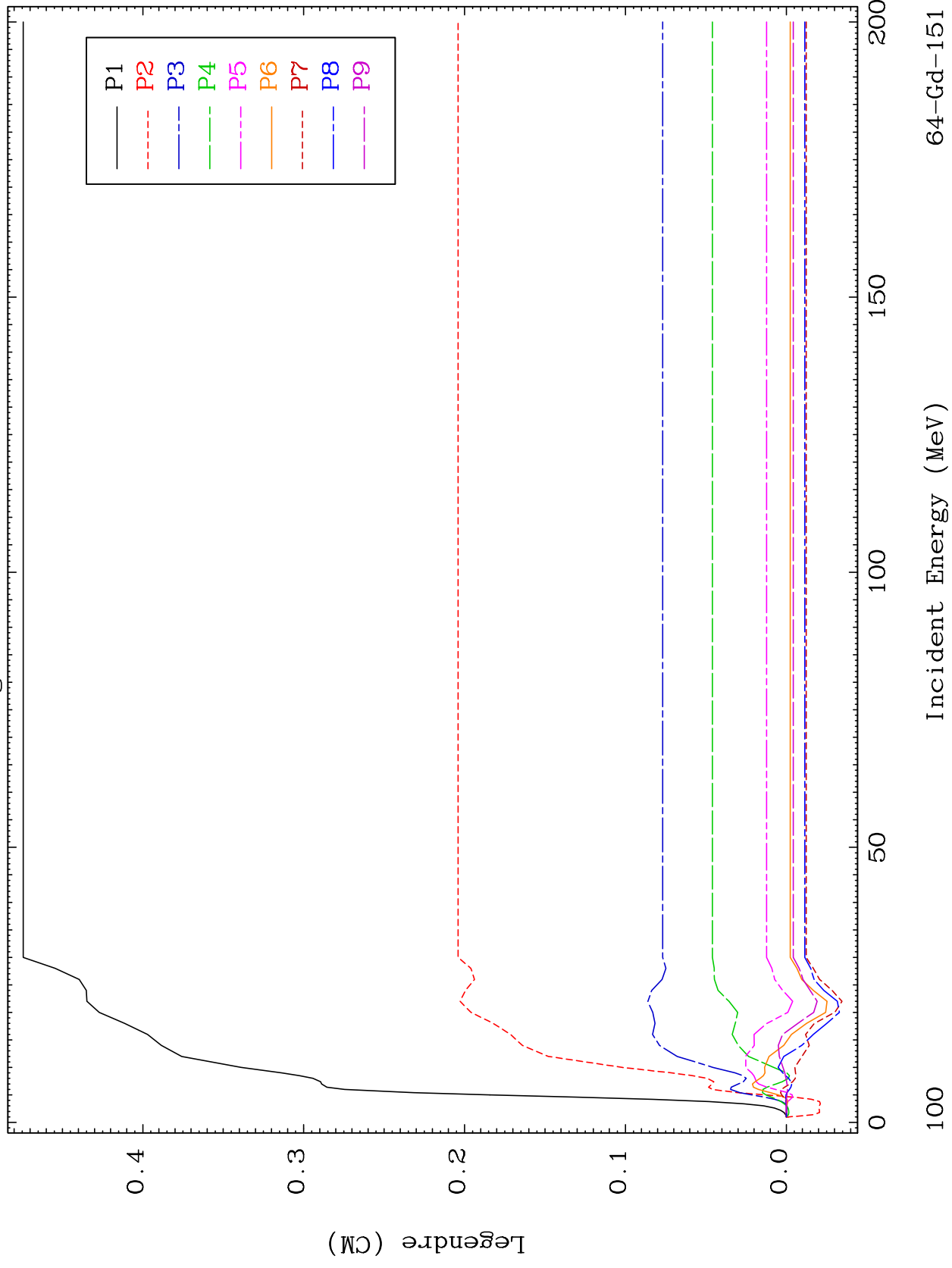


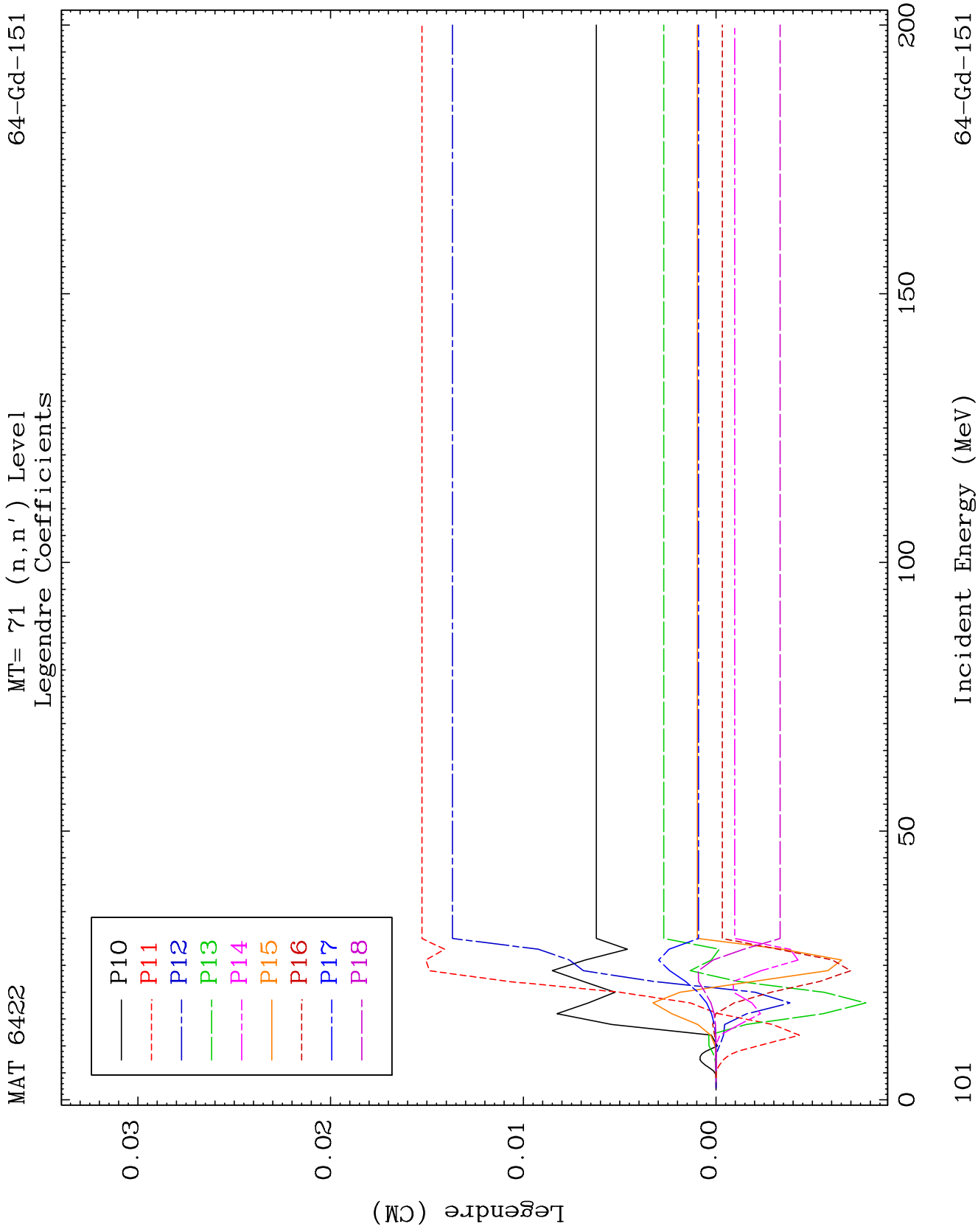


MAT 6422

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

64-Gd-151

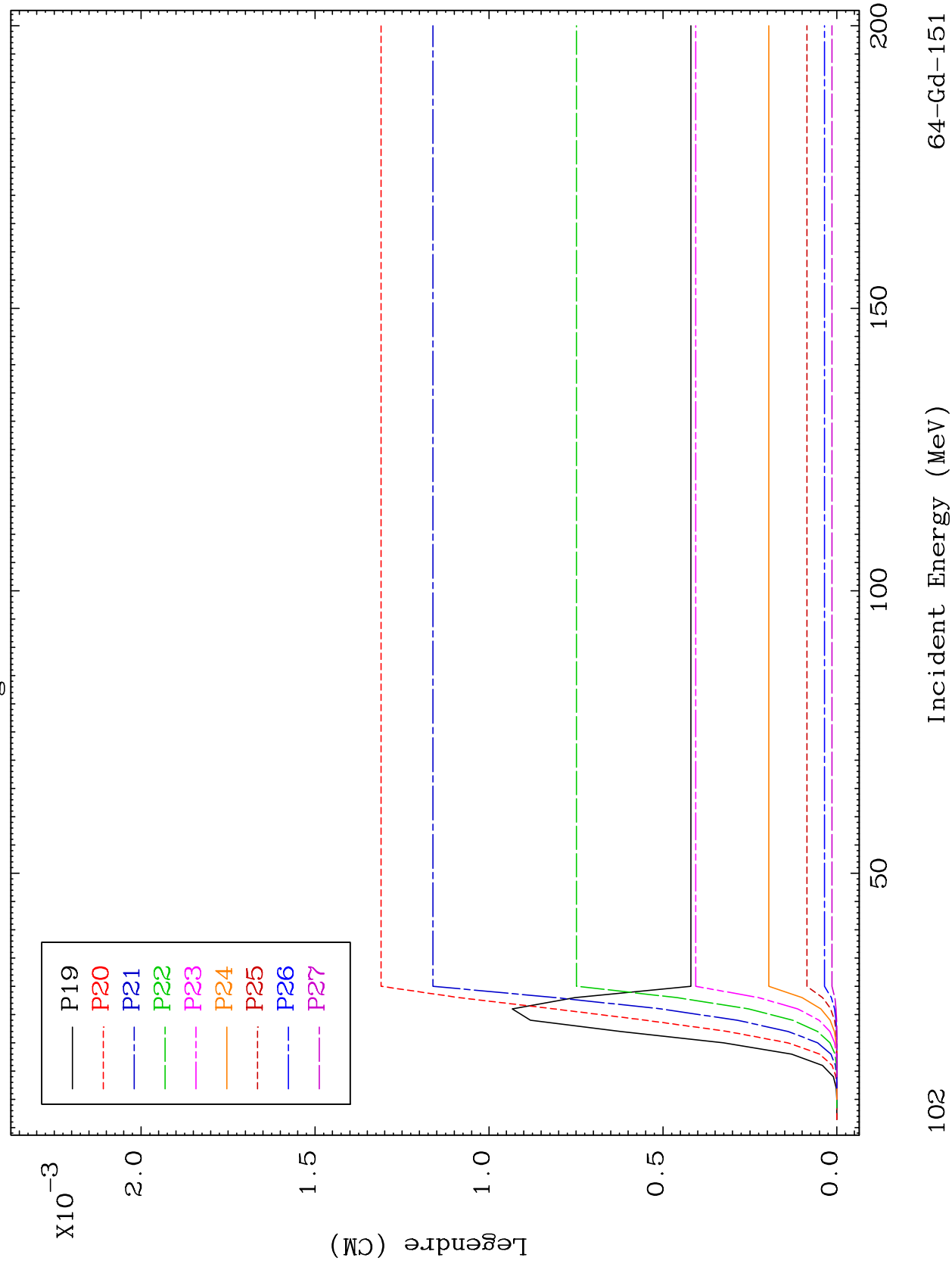


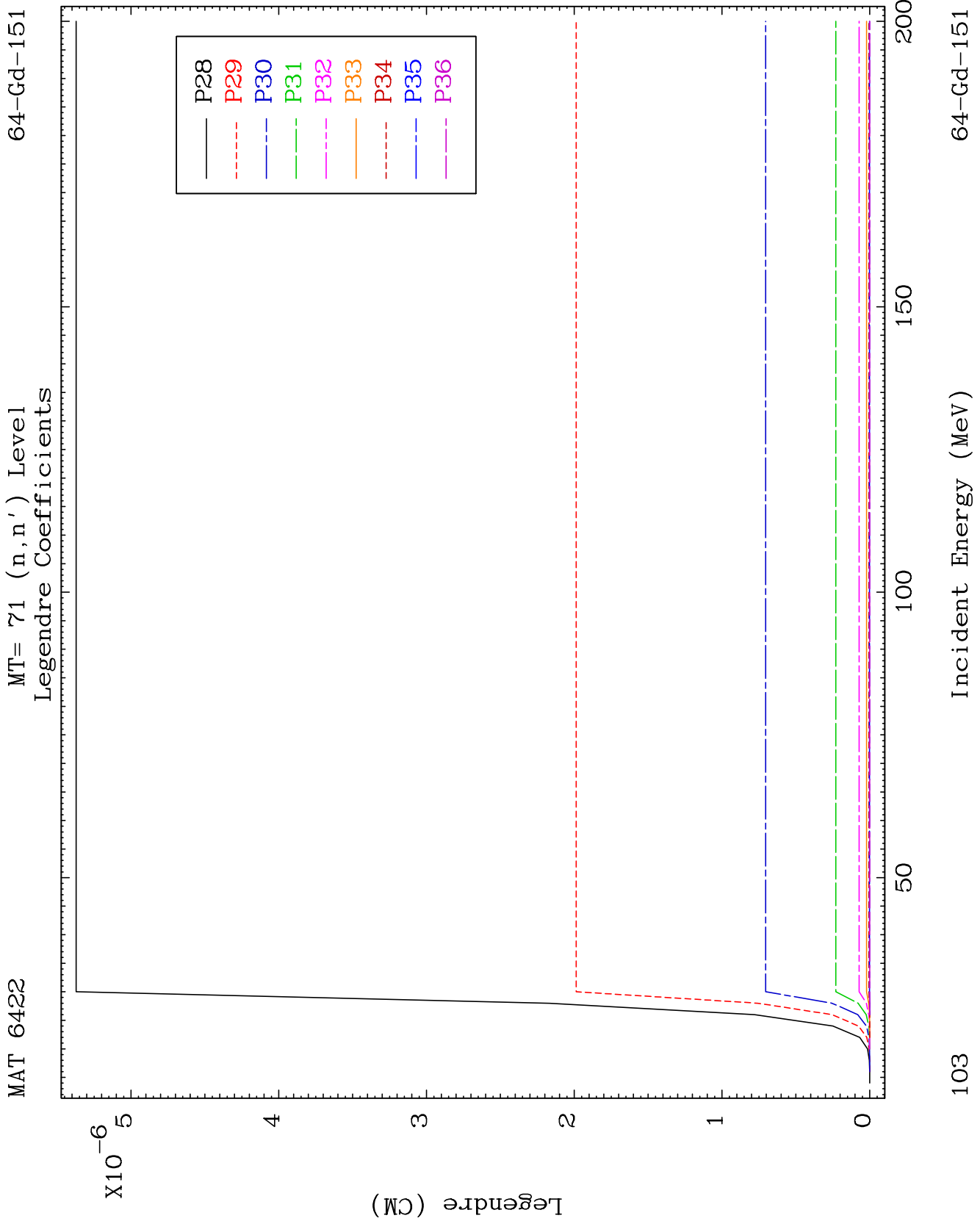


MAT 6422

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

64-Gd-151

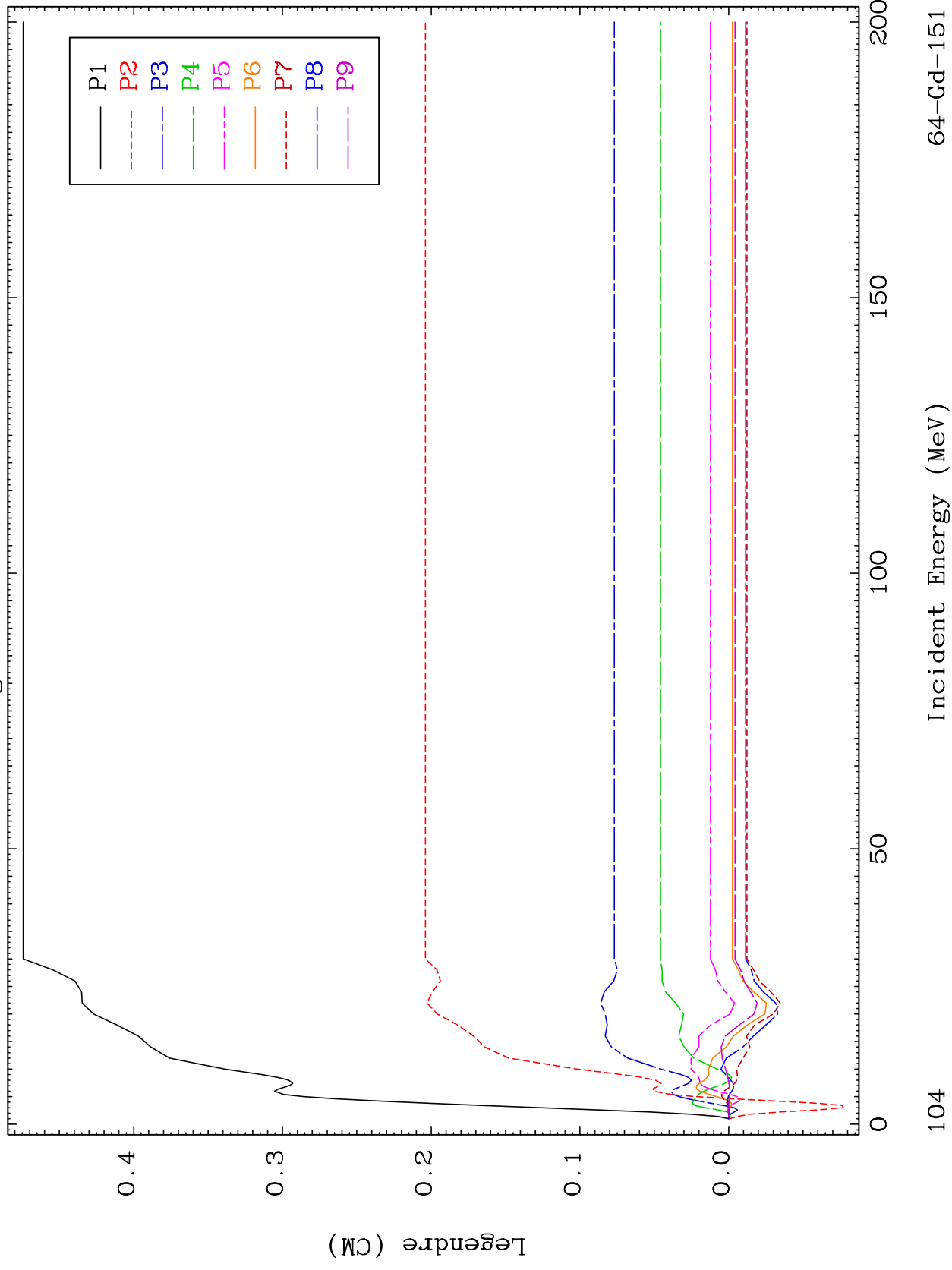


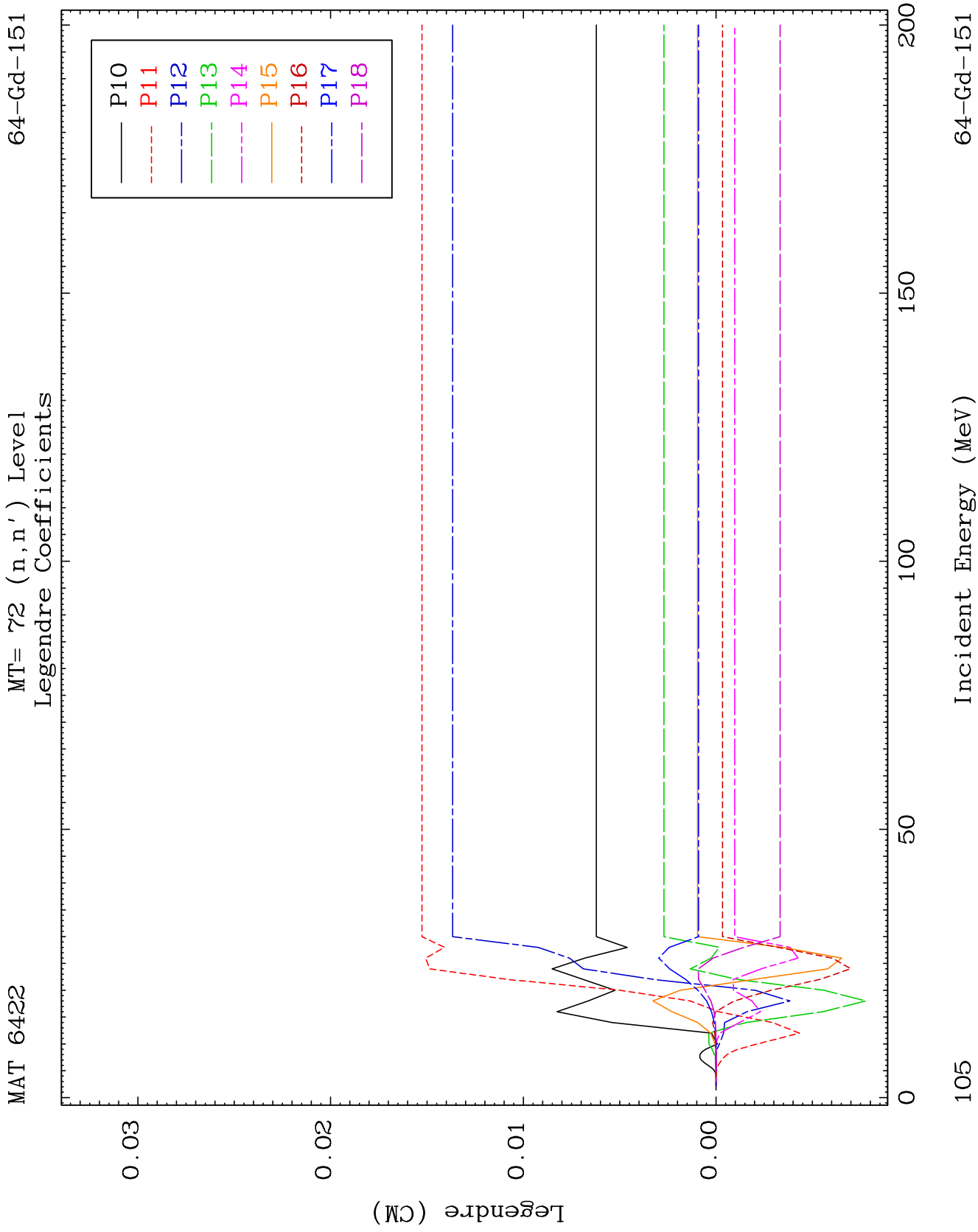


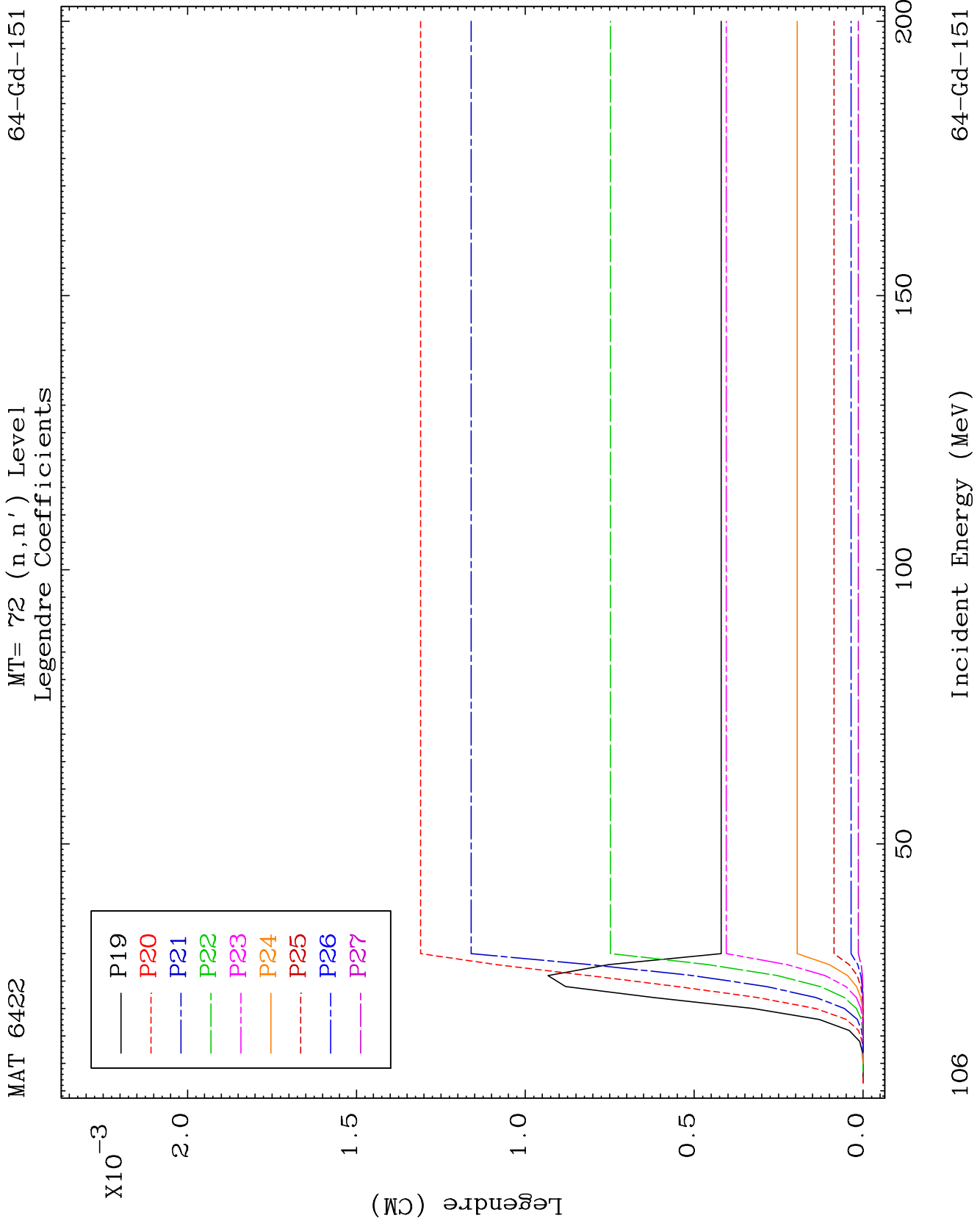
MAT 6422

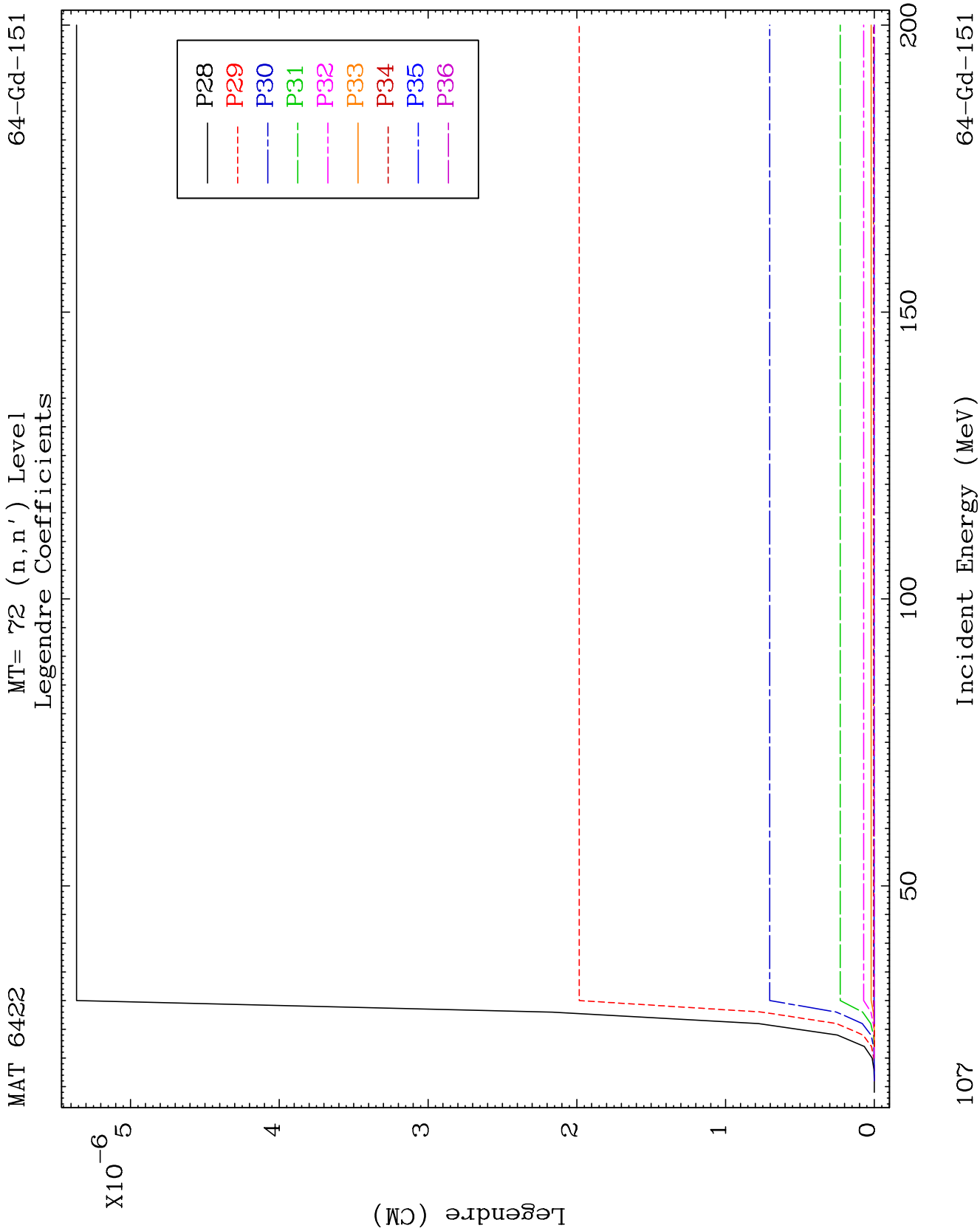
MT= 72 (n, n') Level
Legendre Coefficients

64-Gd-151





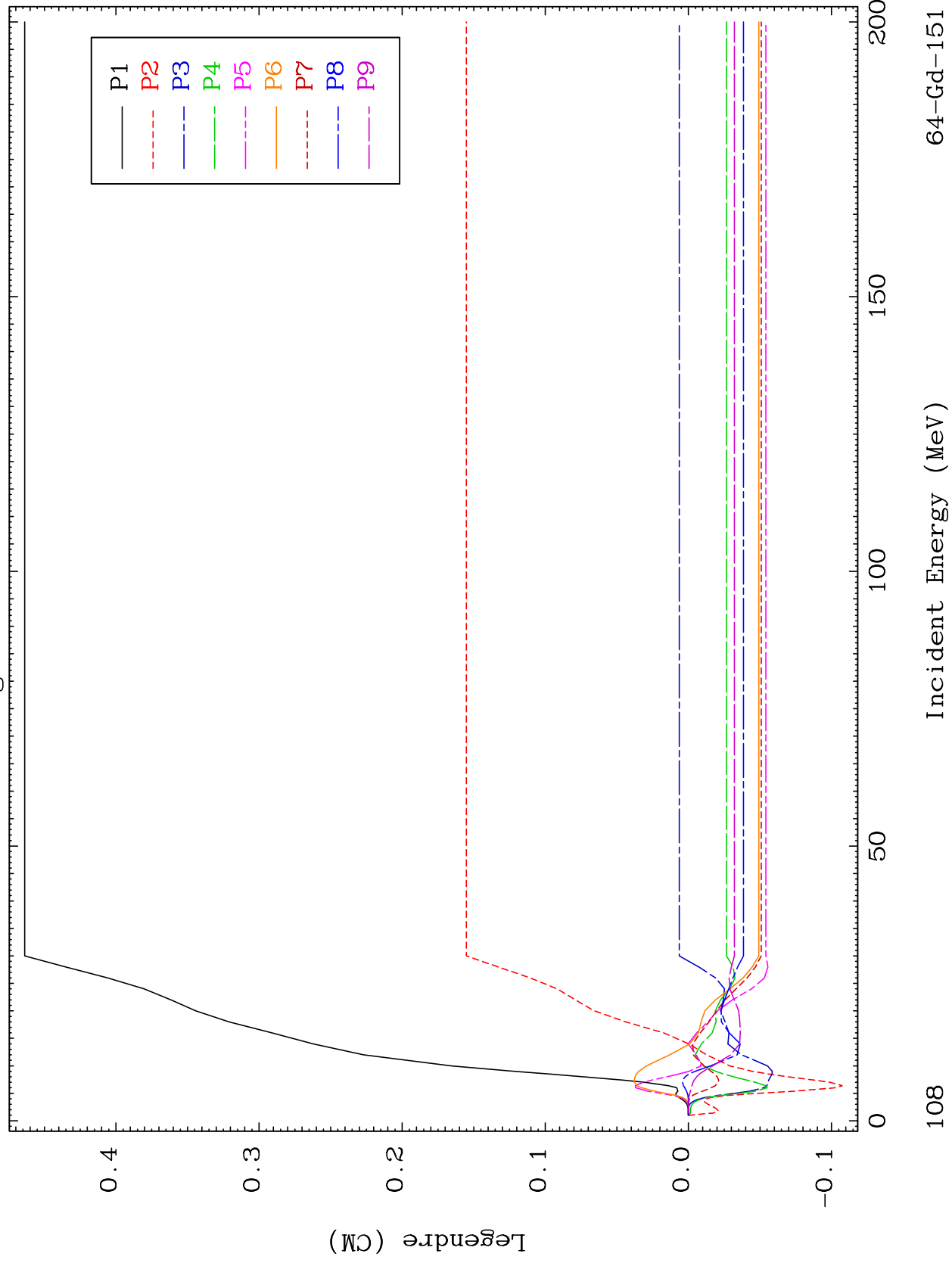


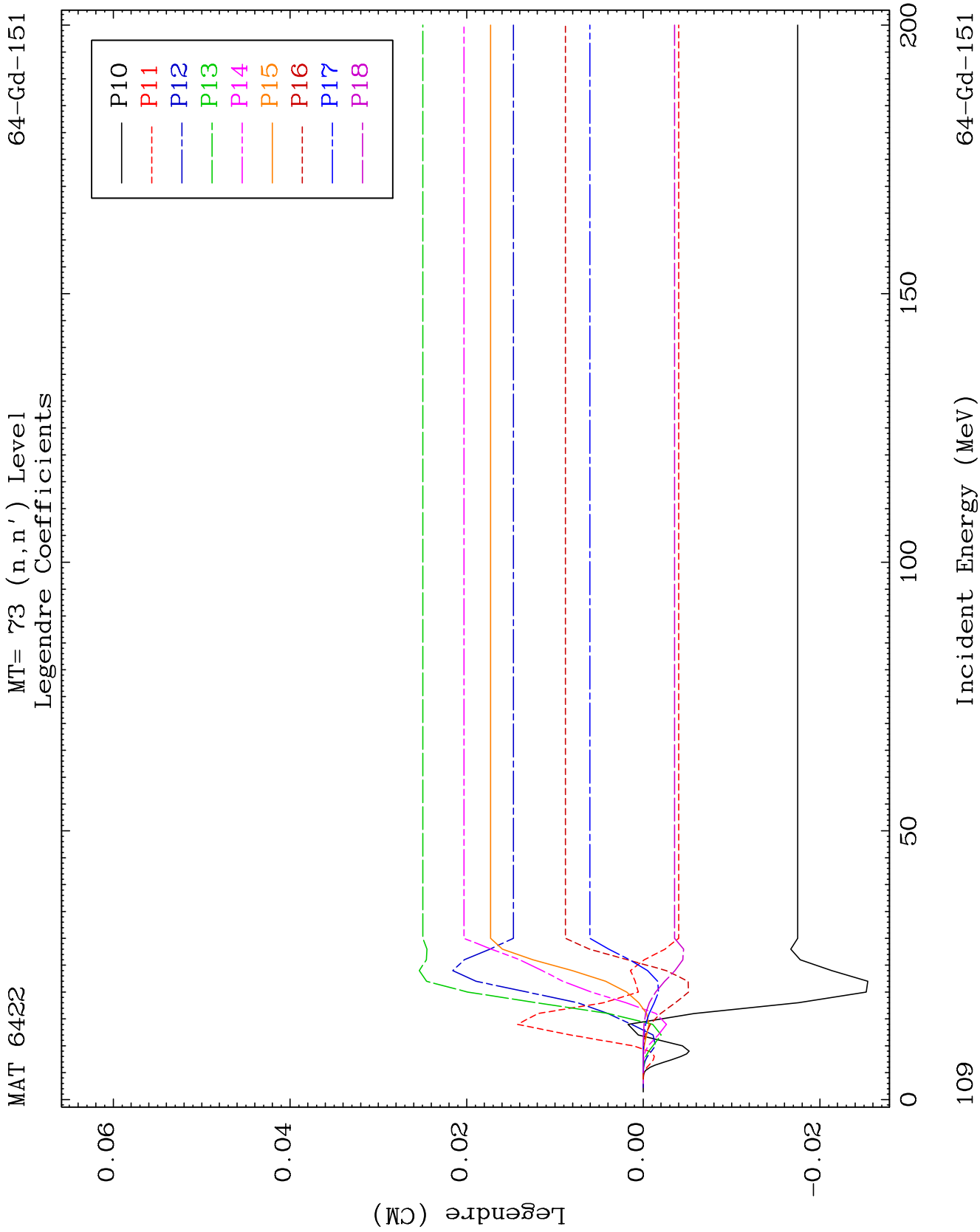


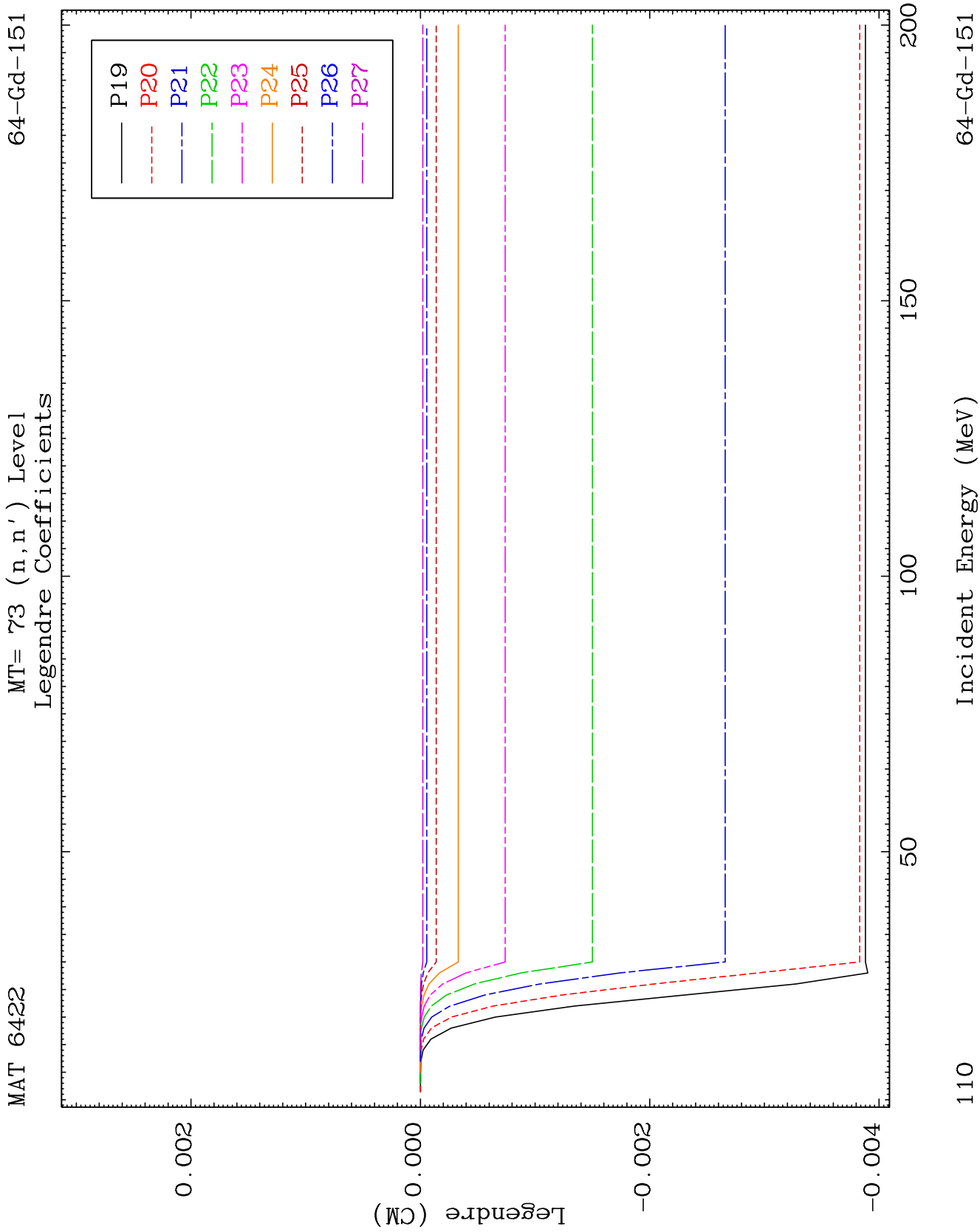
MAT 6422

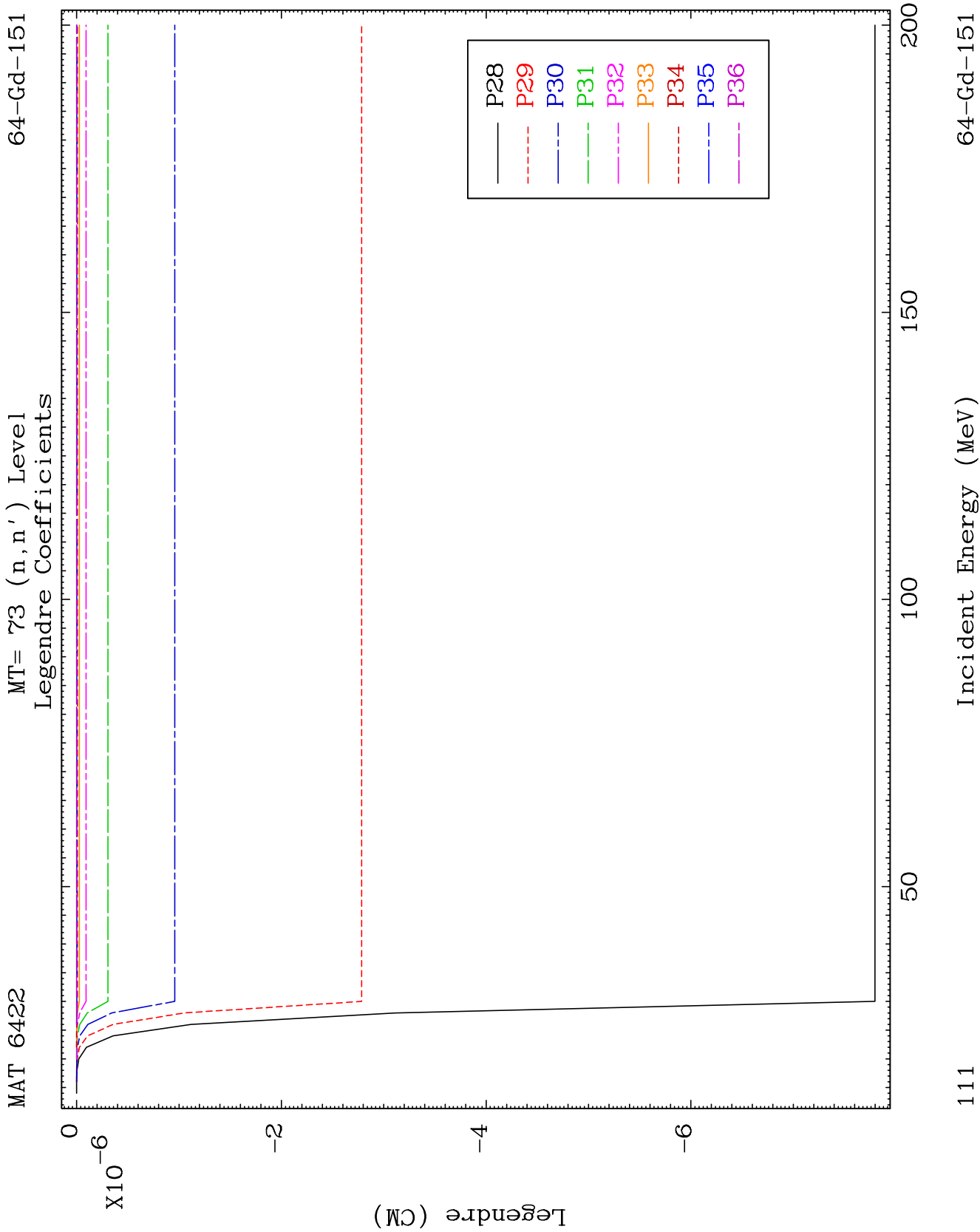
MT= 73 (n, n') Level
Legendre Coefficients

64-Gd-151





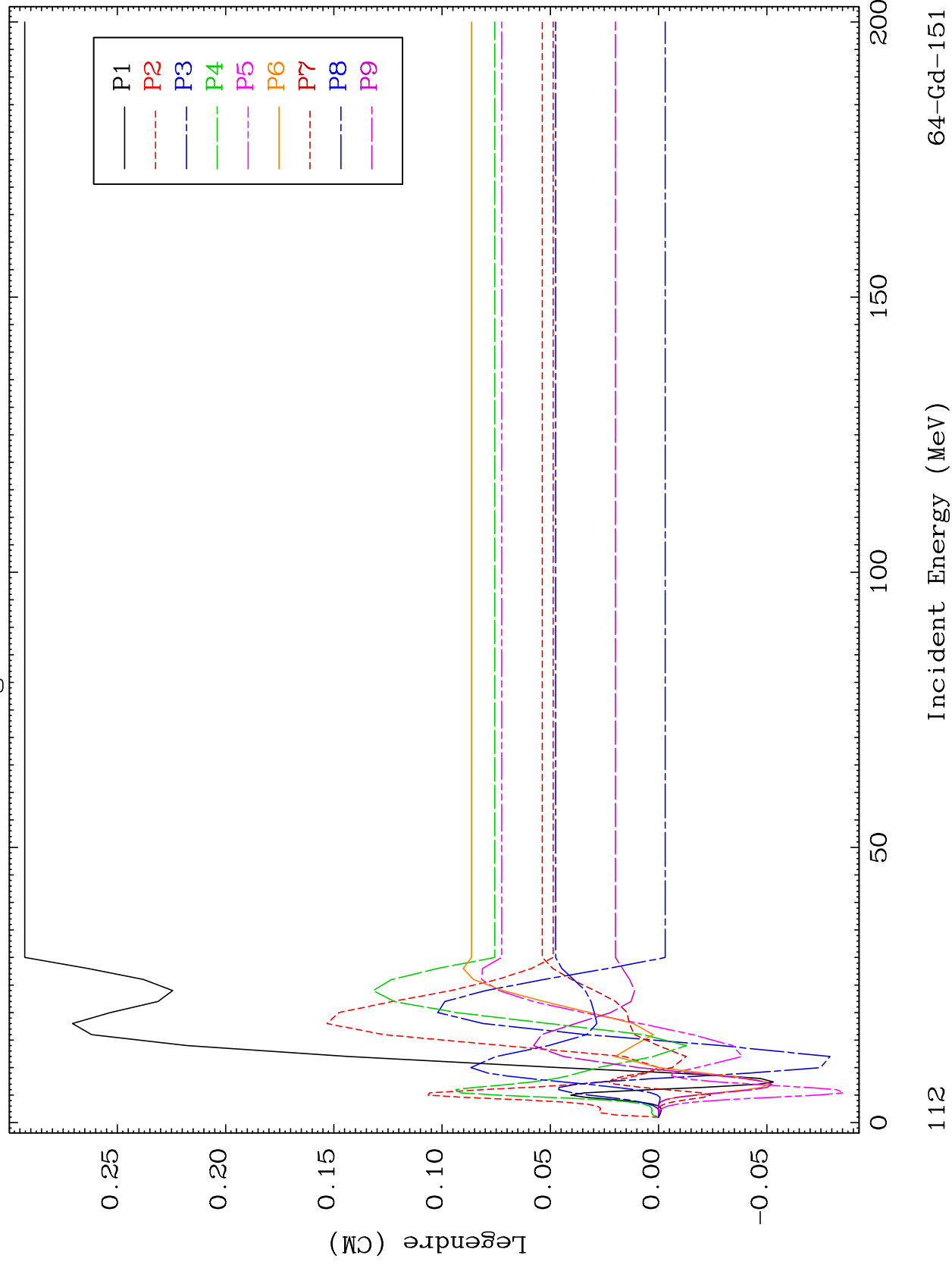


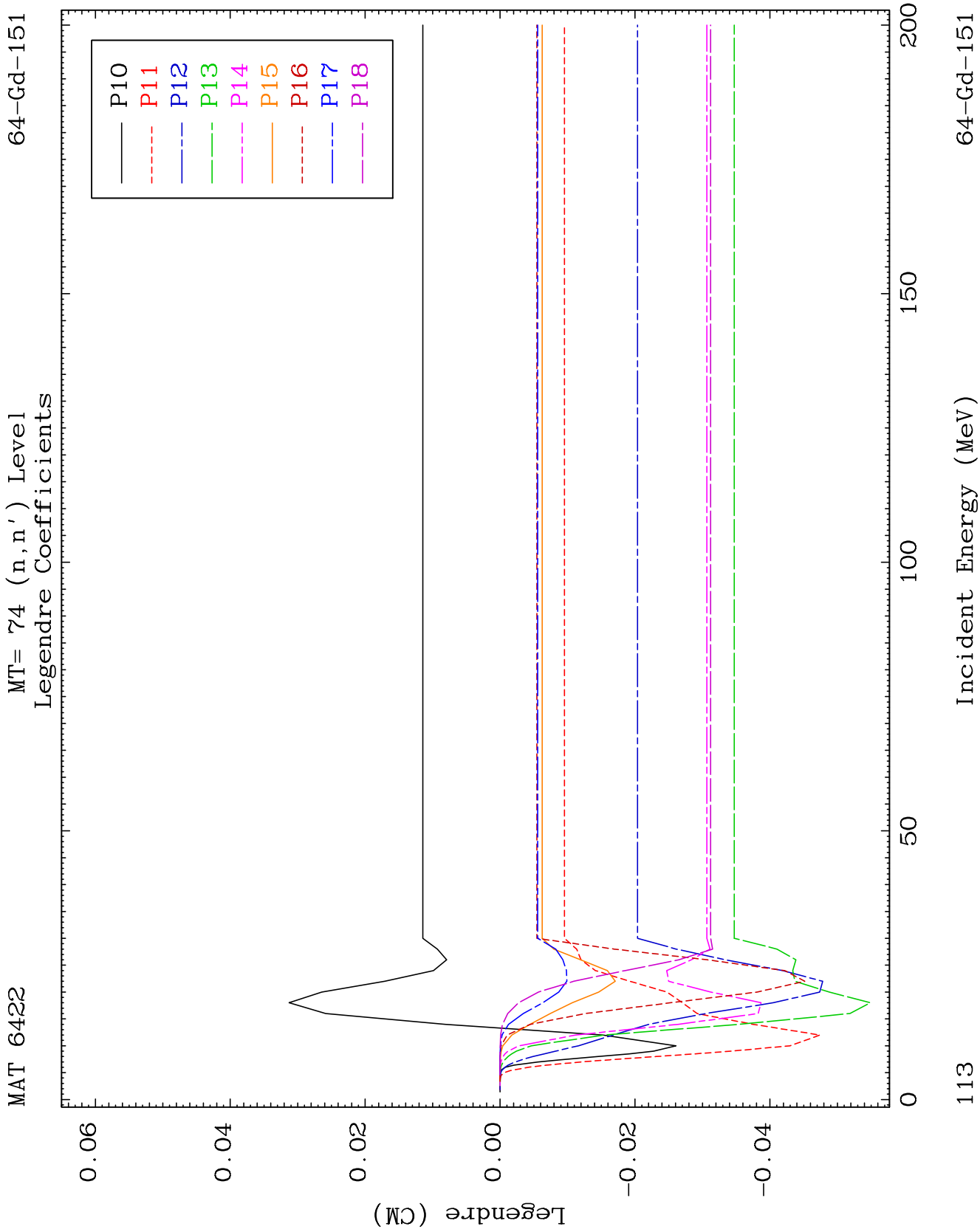


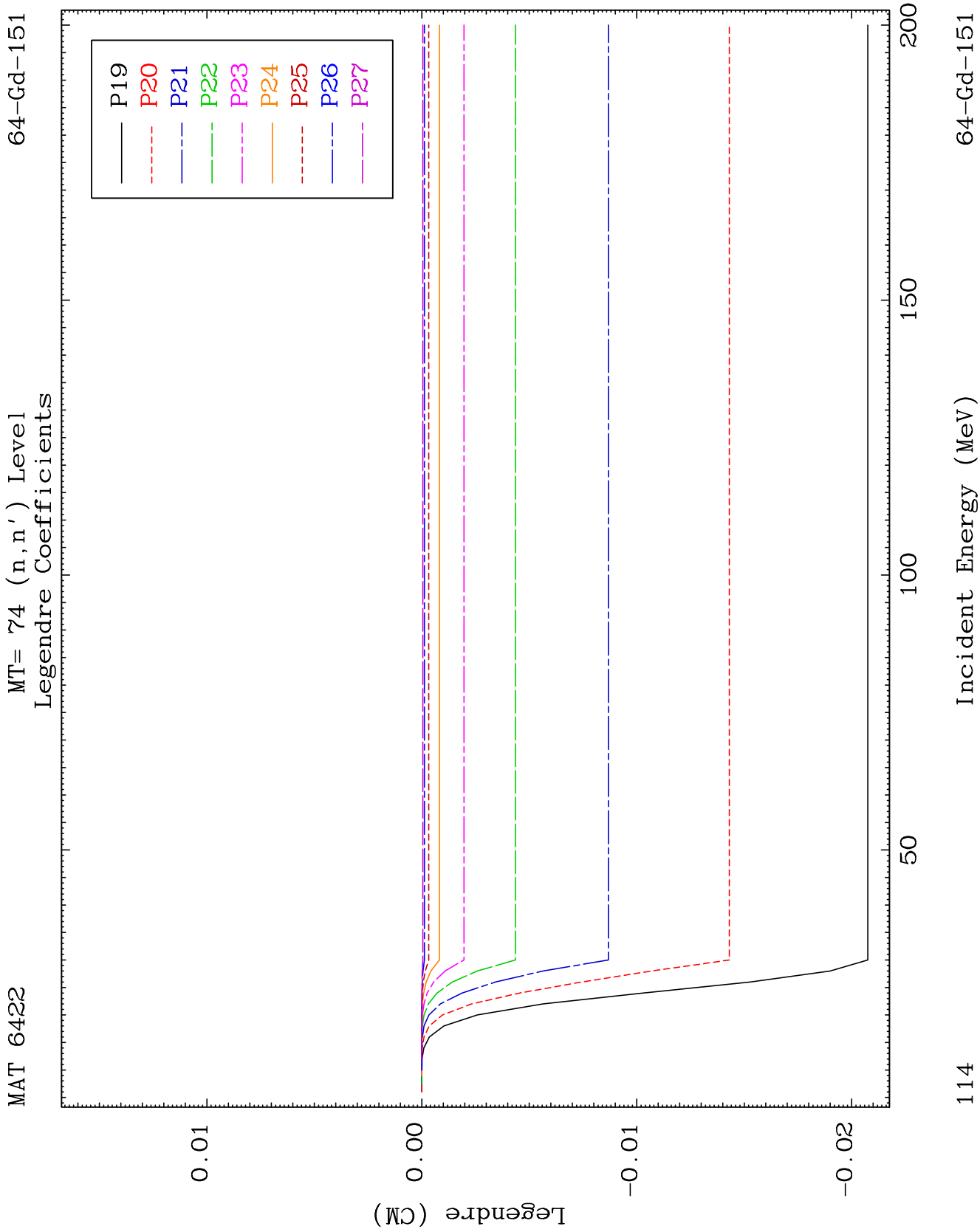
MAT 6422

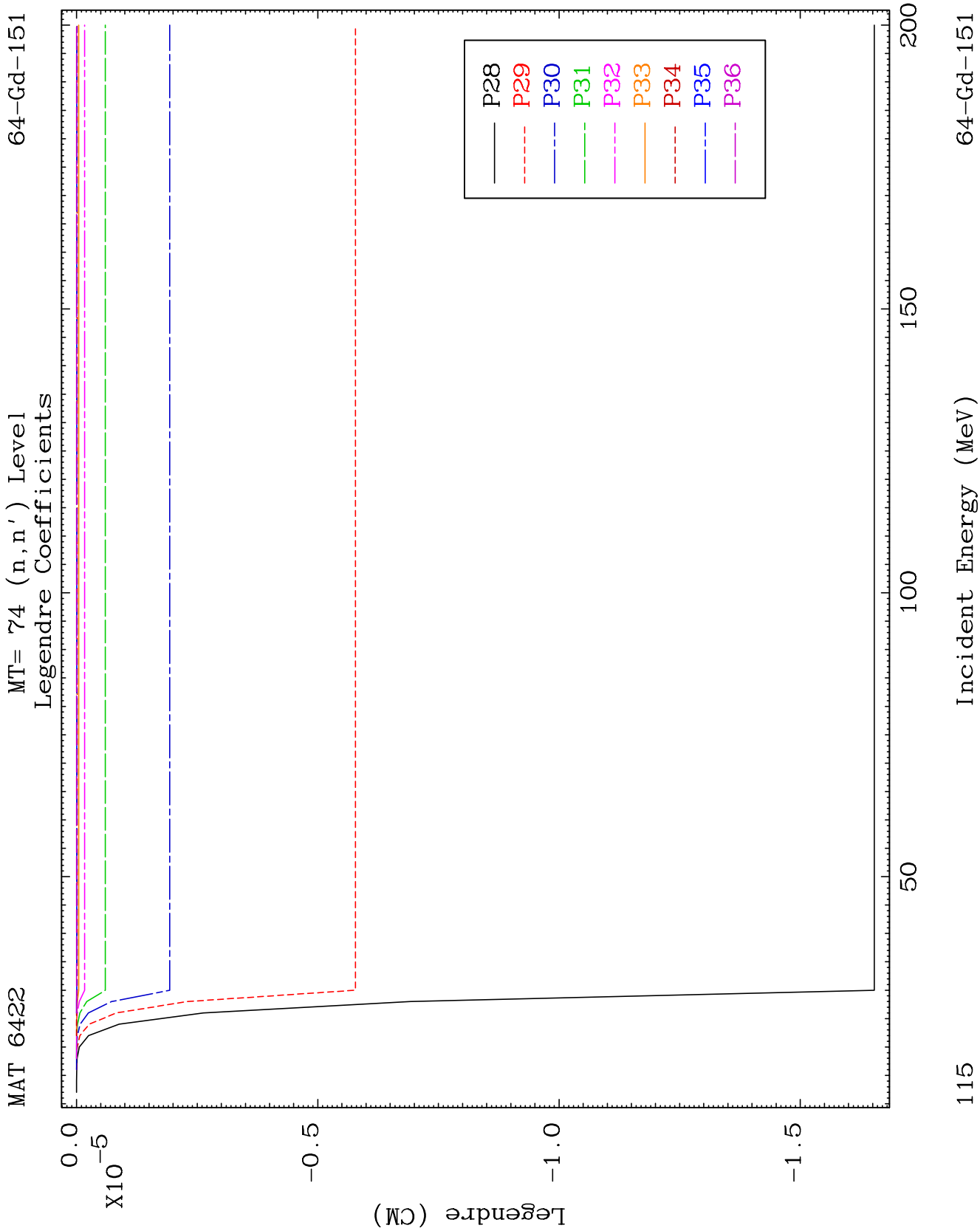
MT= 74 (n, n') Level
Legendre Coefficients

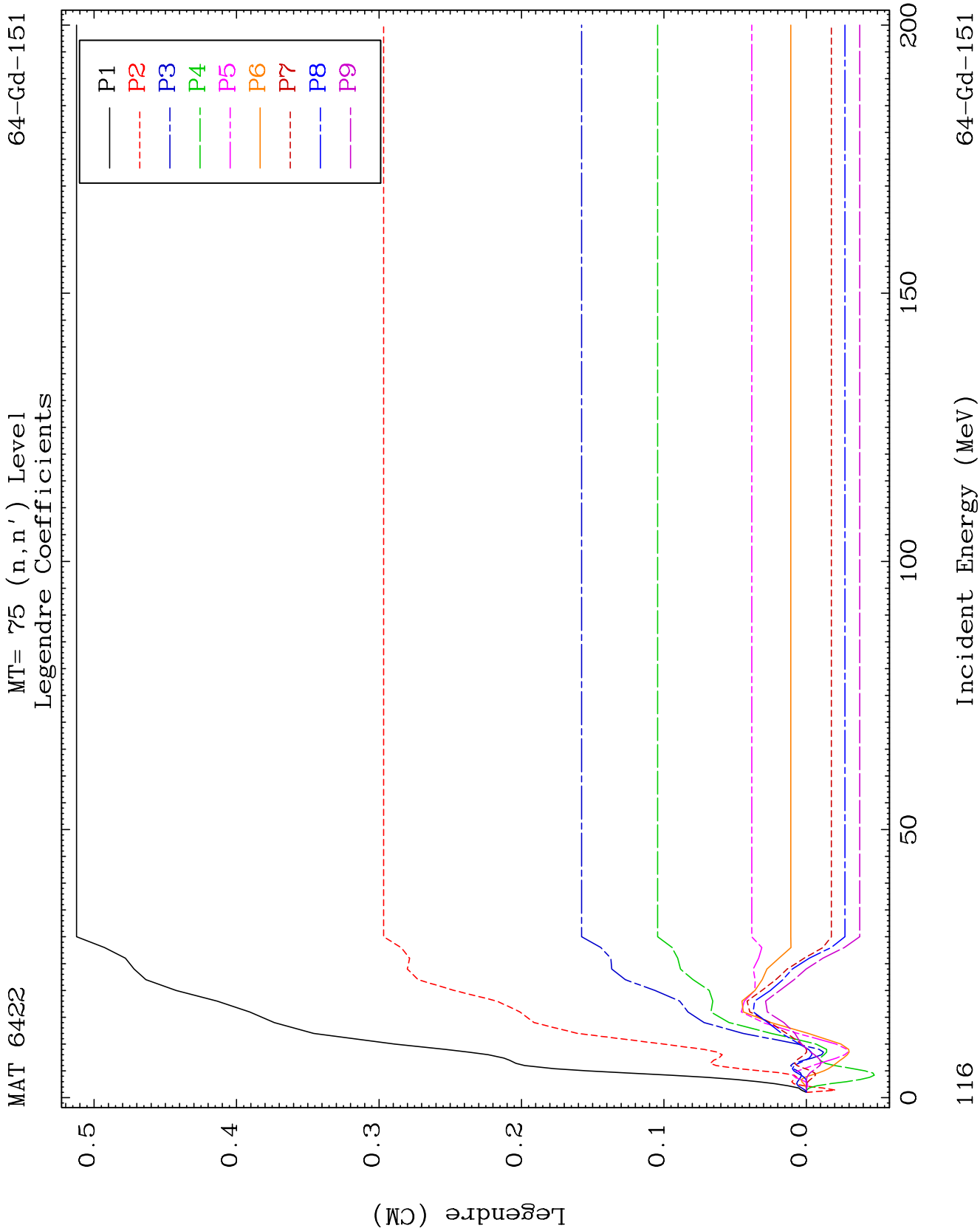
64-Gd-151

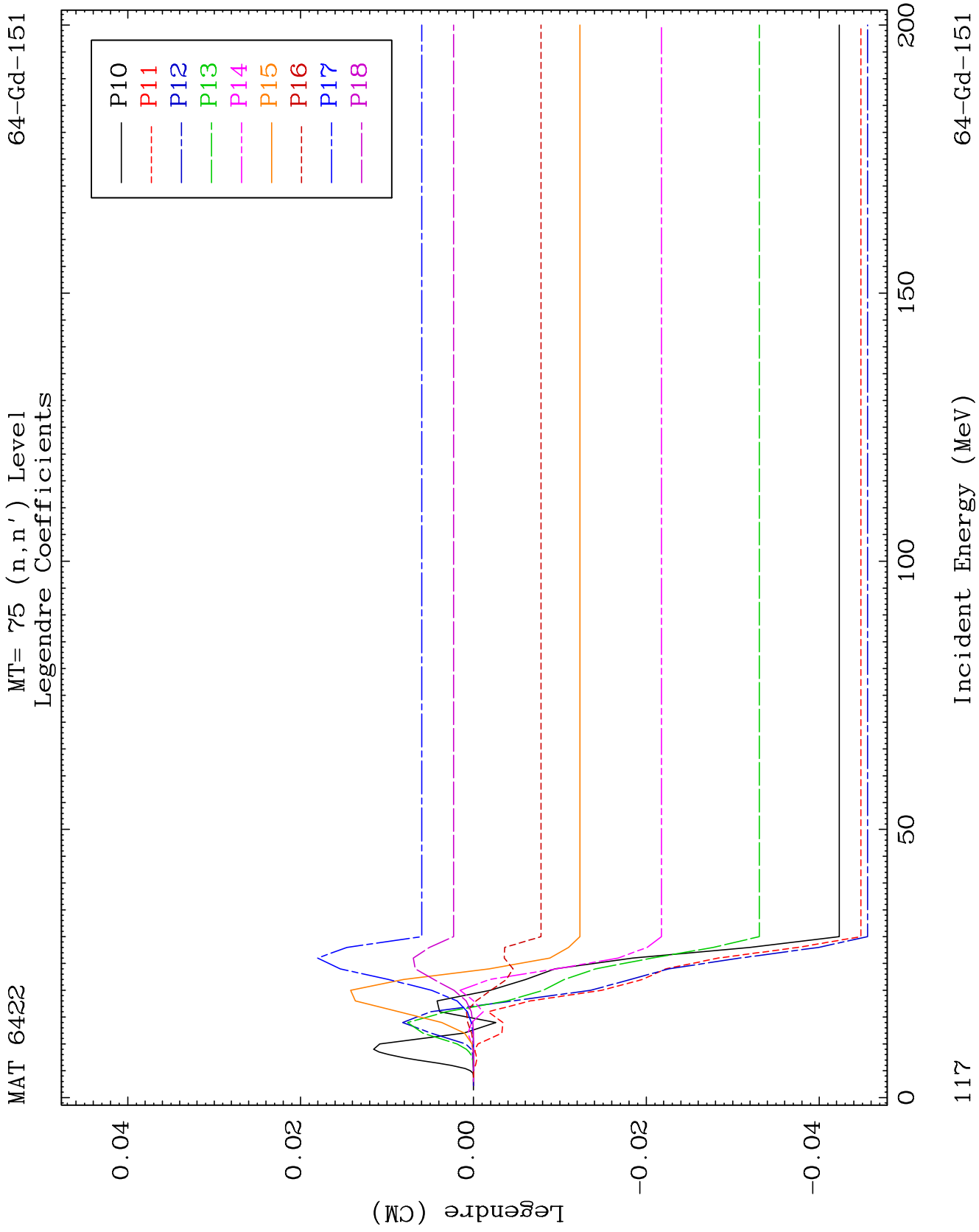








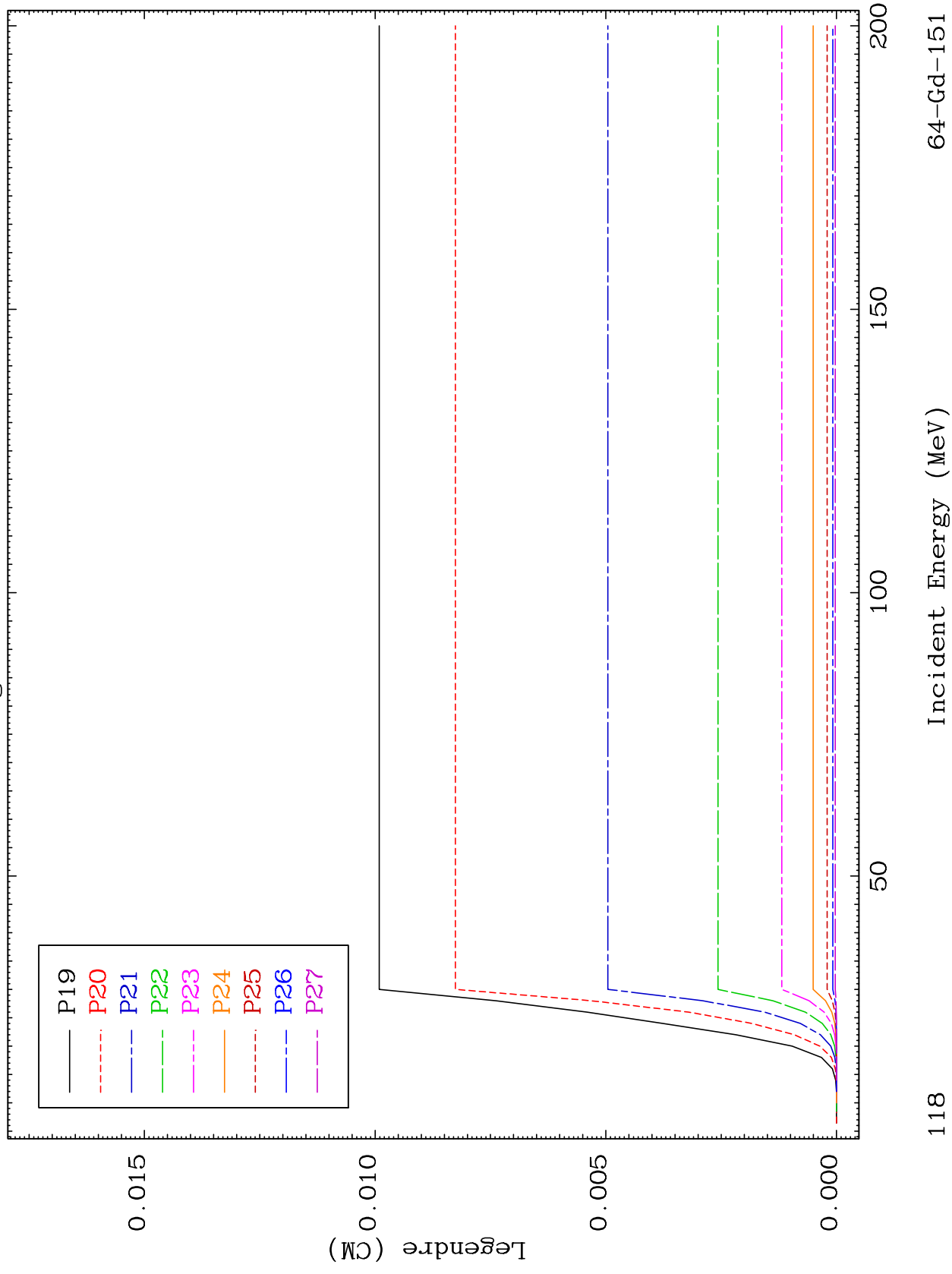




MAT 6422

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

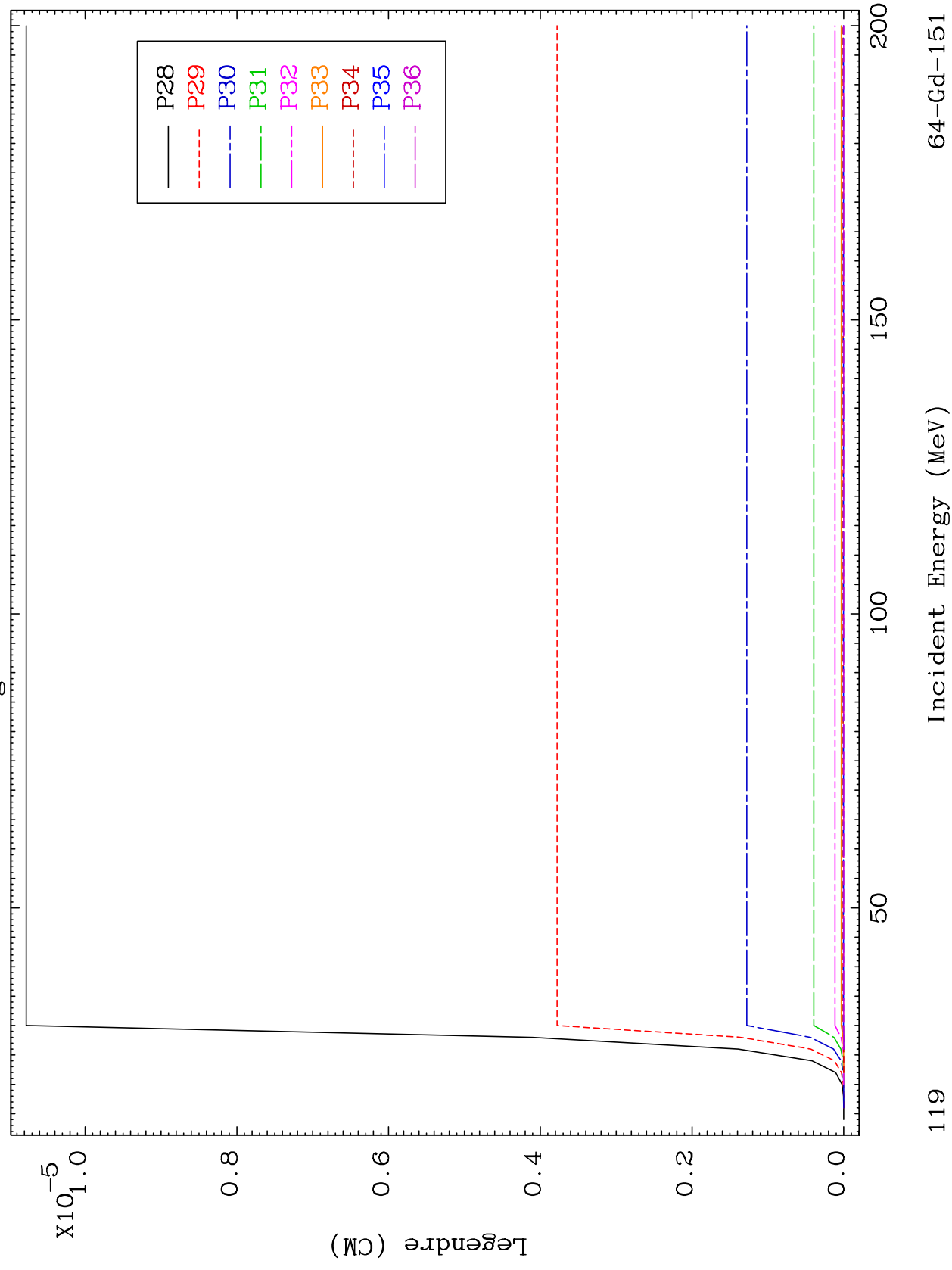
64-Gd-151



MAT 6422

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

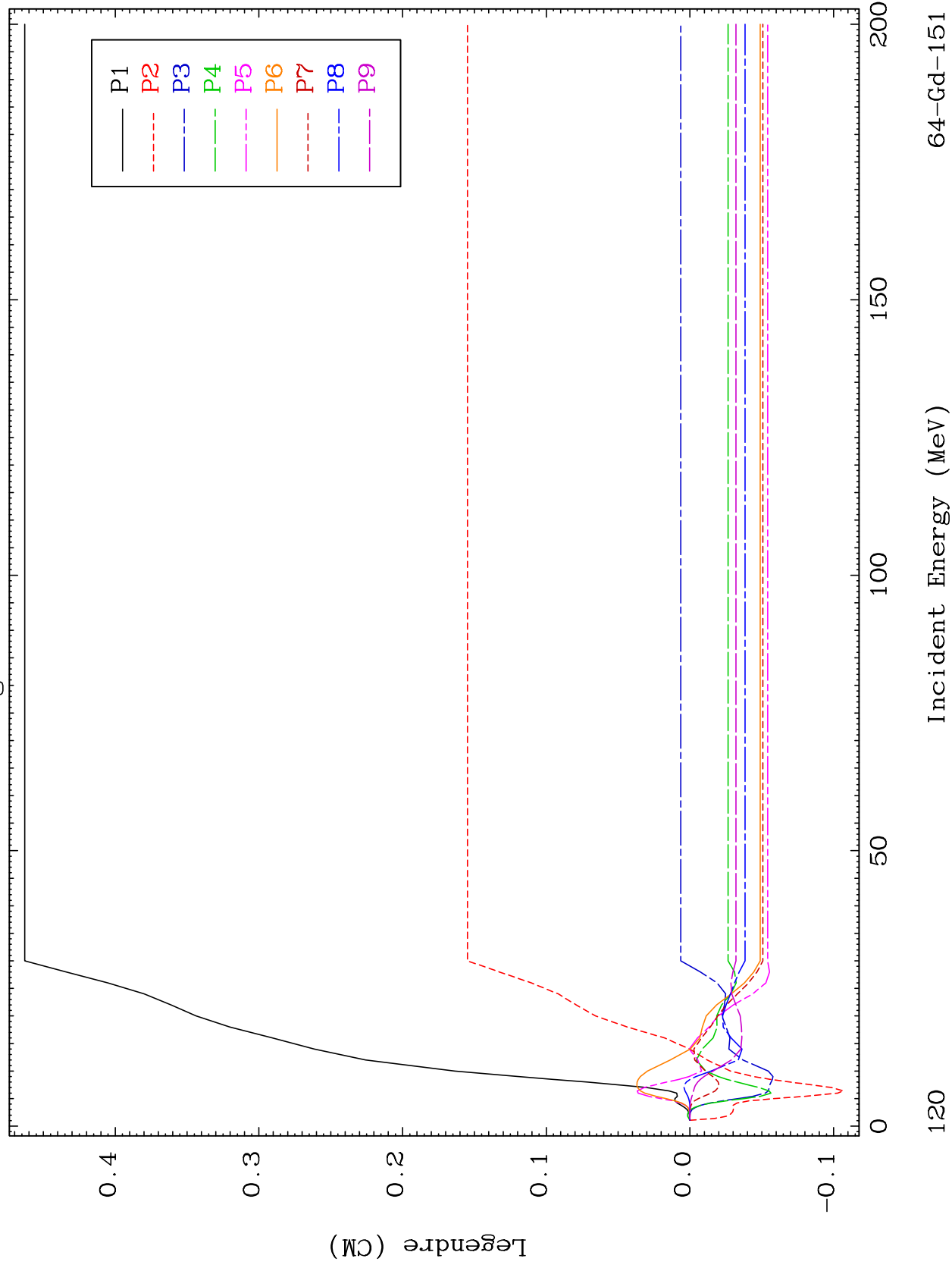
64-Gd-151

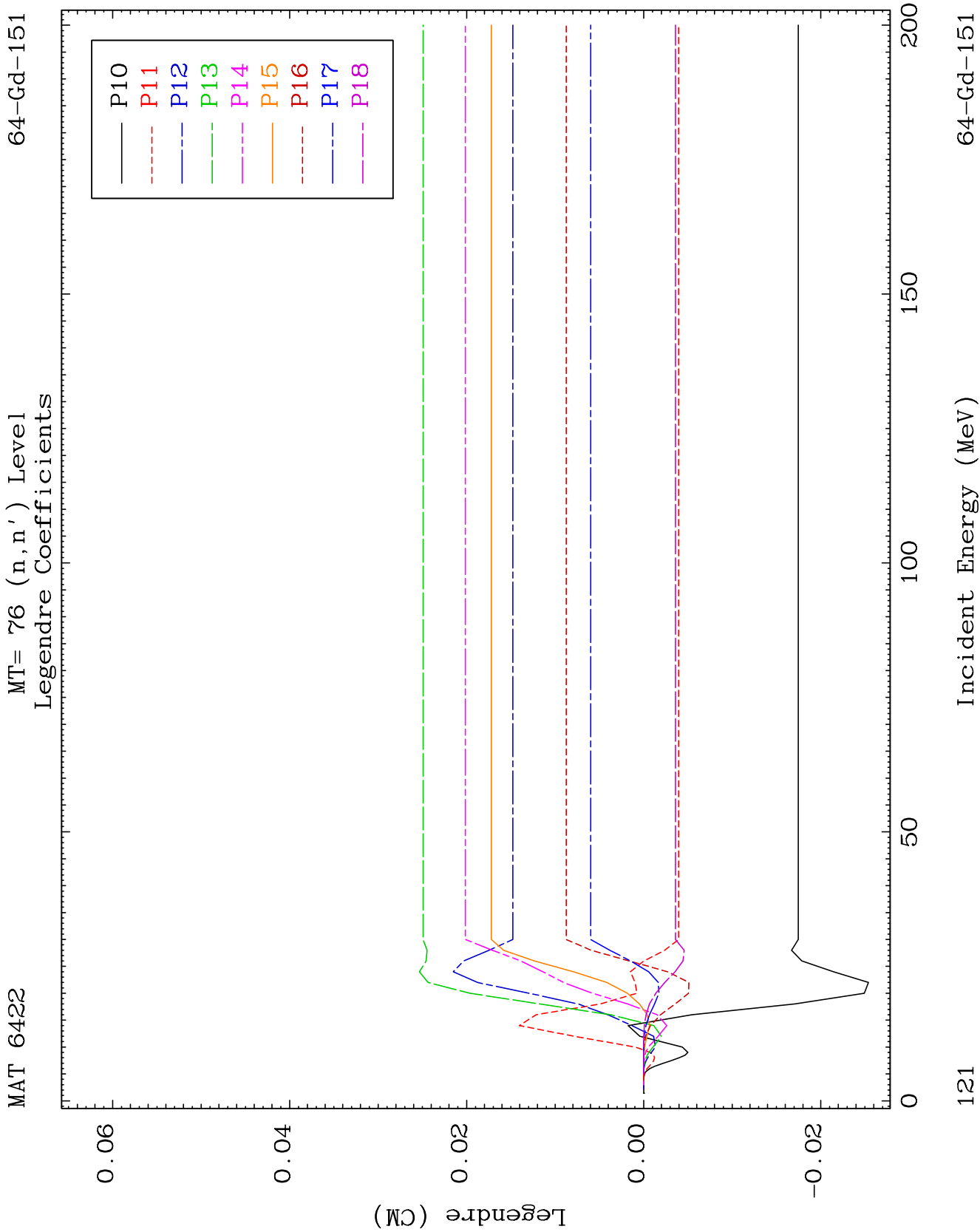


MAT 6422

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

64-Gd-151

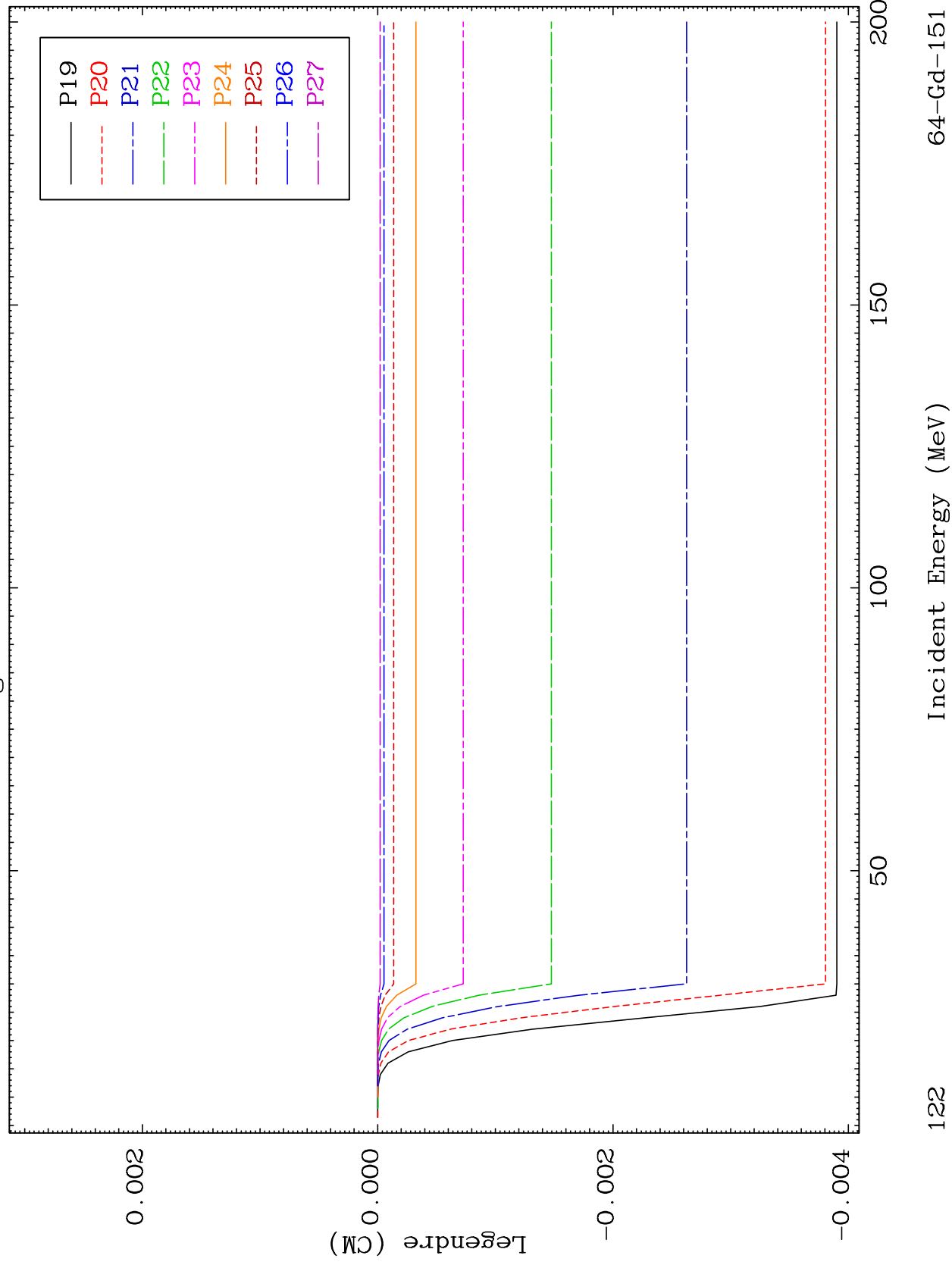


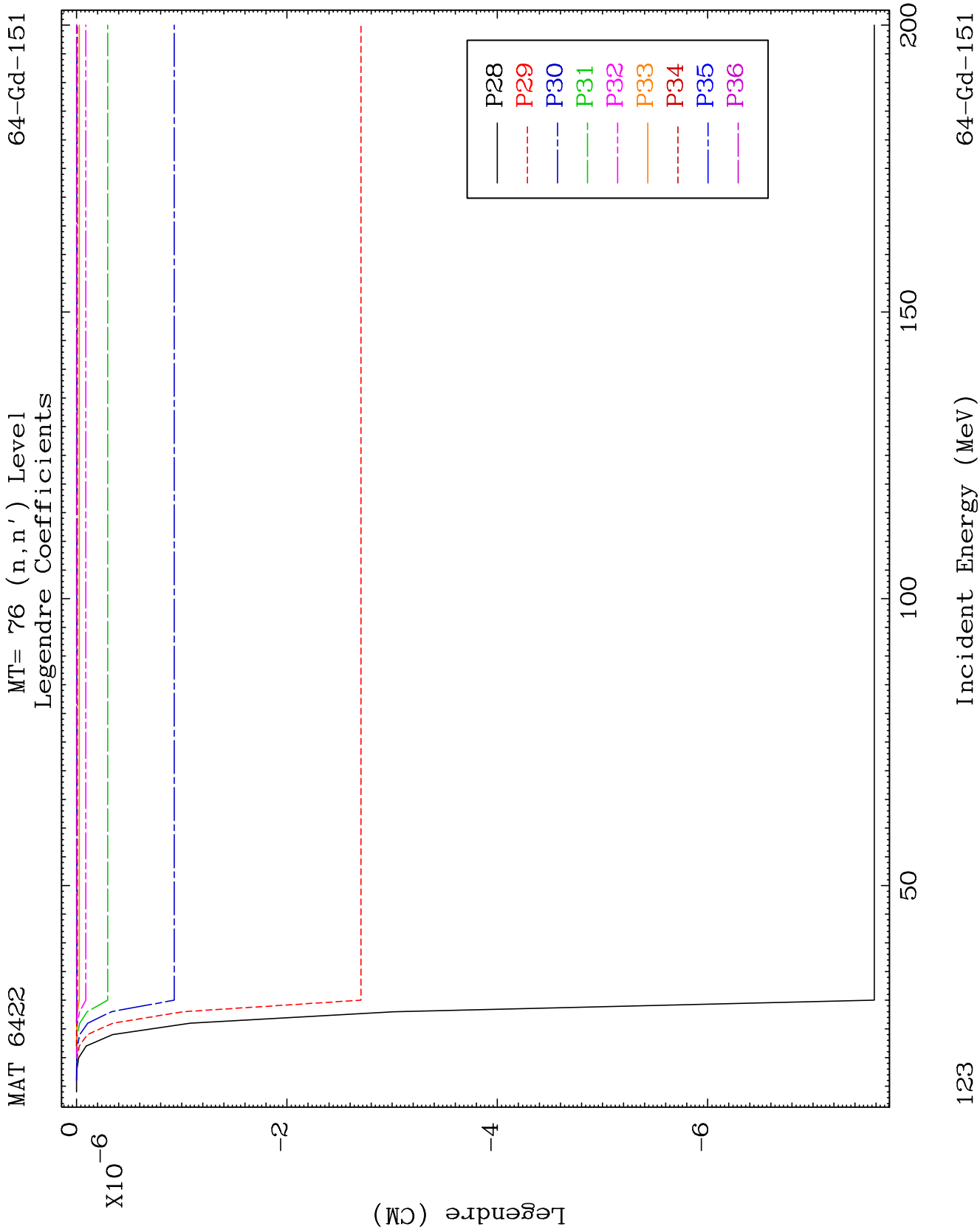


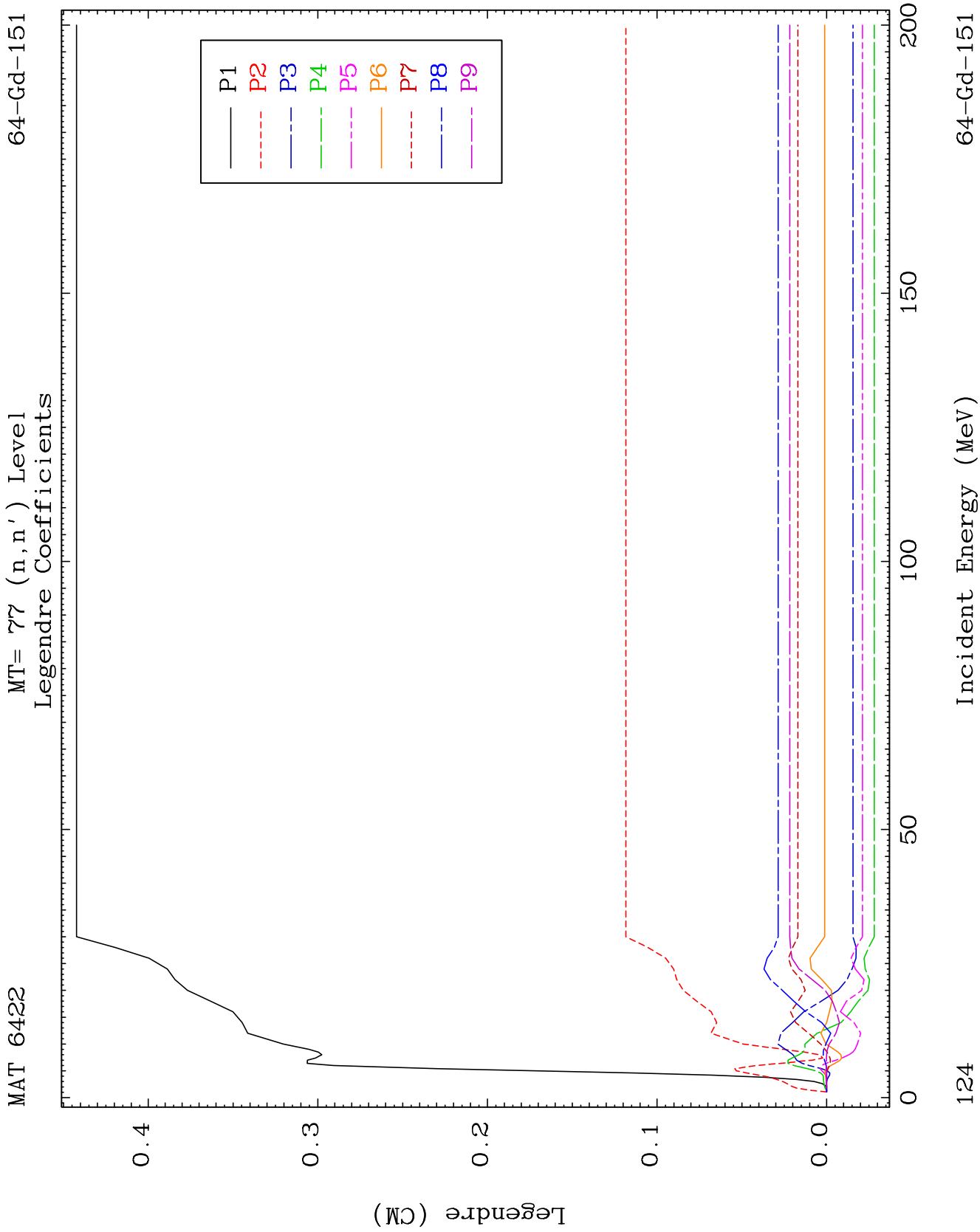
MAT 6422

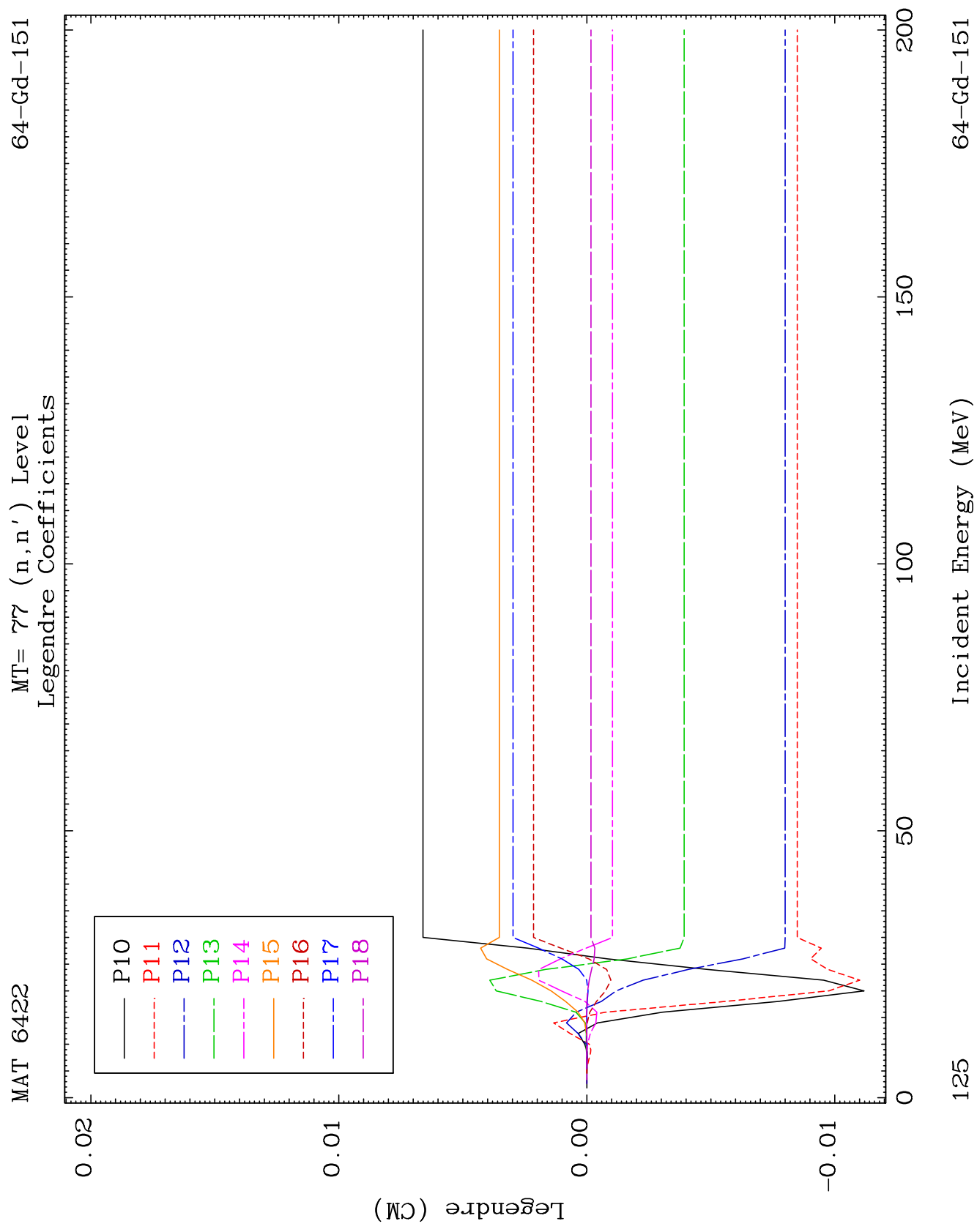
MT= 76 (n, n') Level
Legendre Coefficients

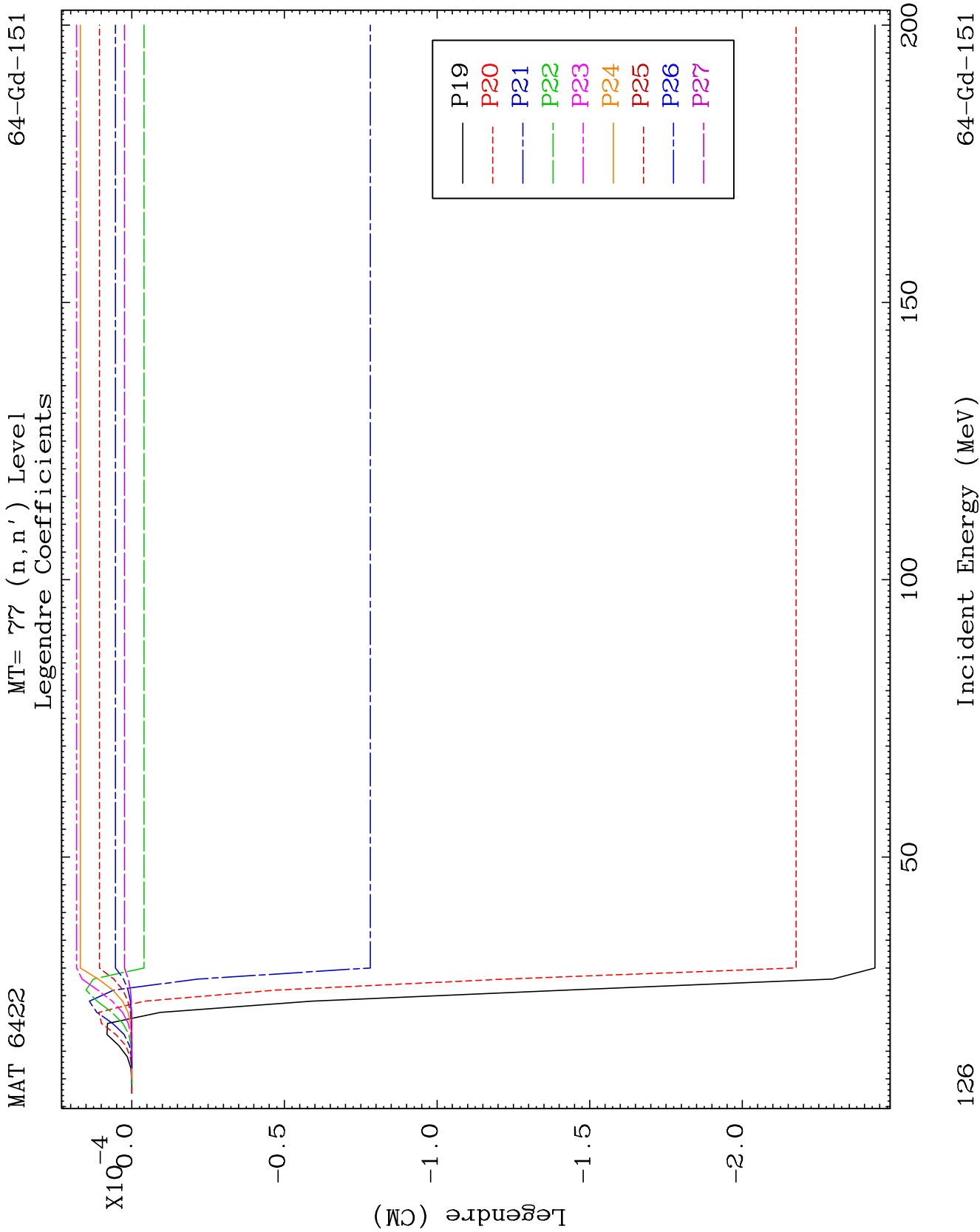
64-Gd-151

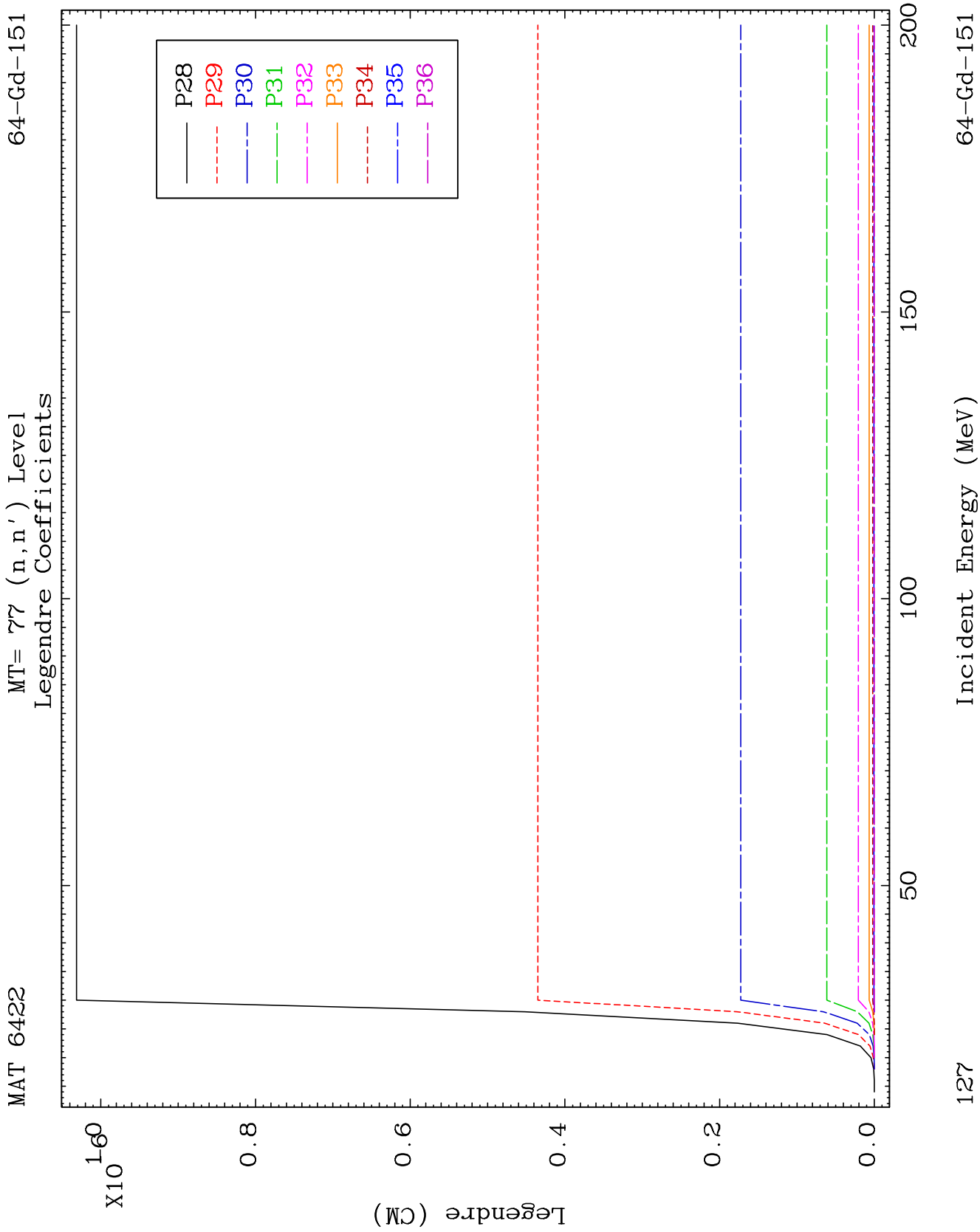








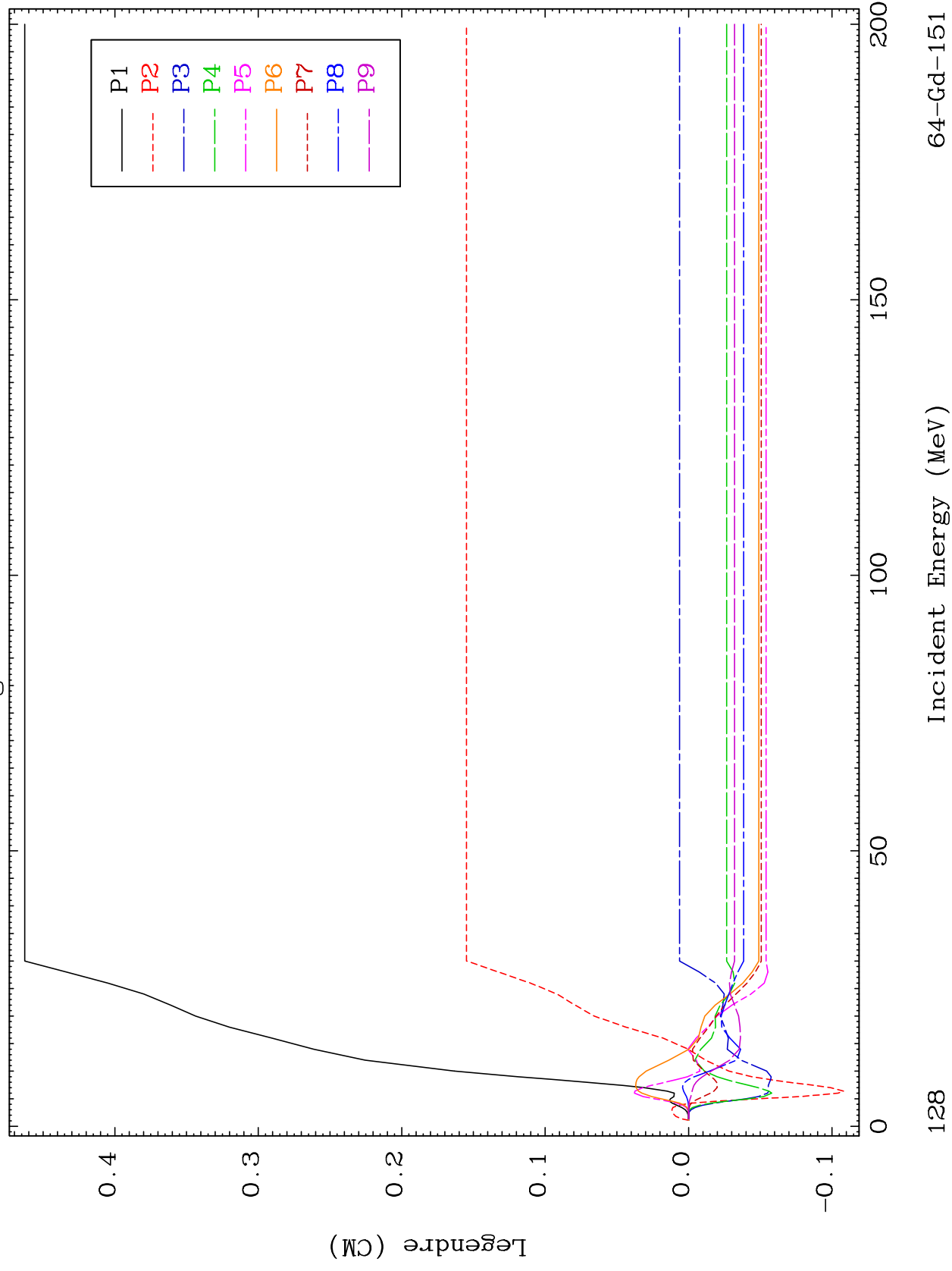




MAT 6422

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

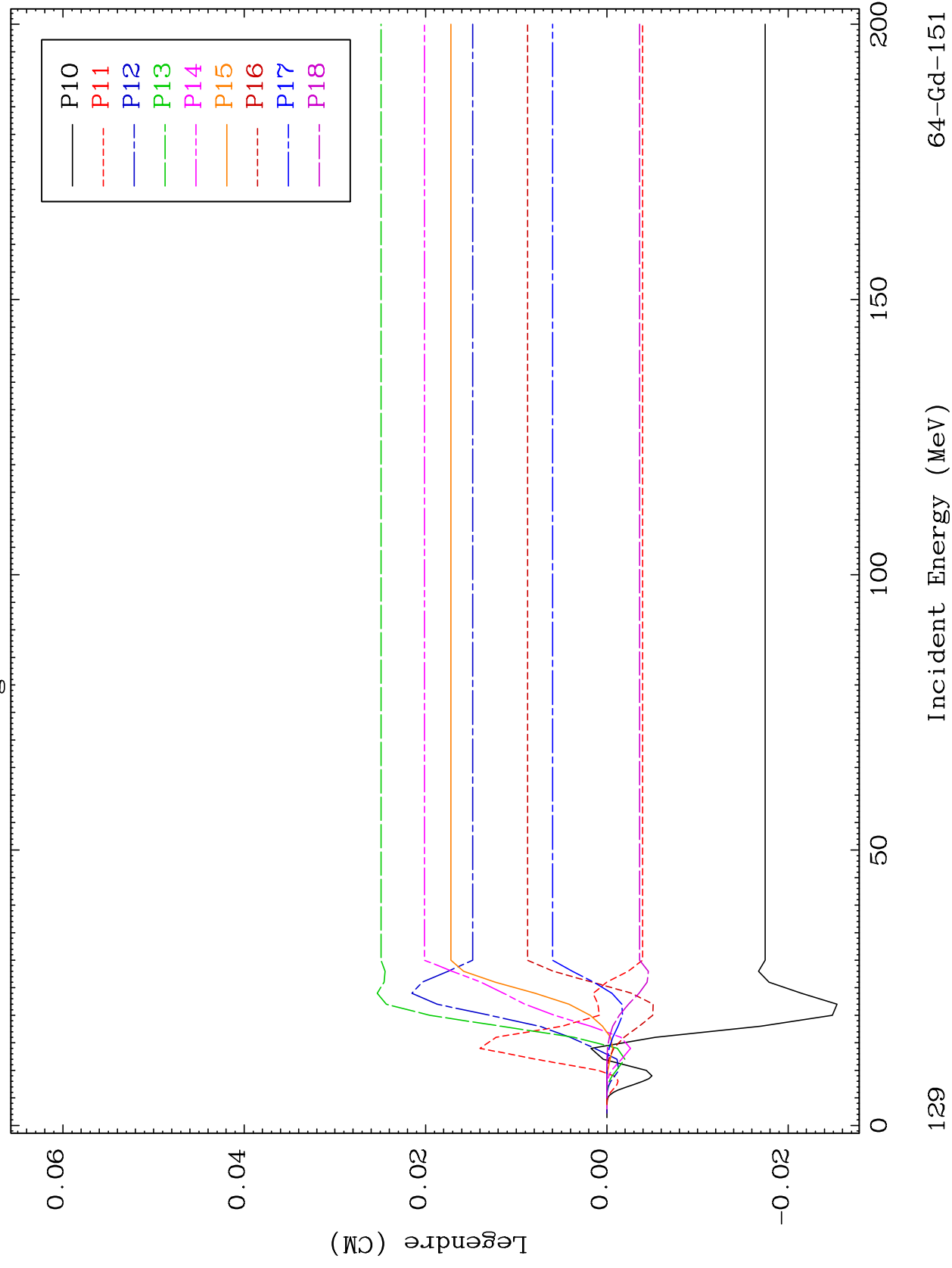
64-Gd-151

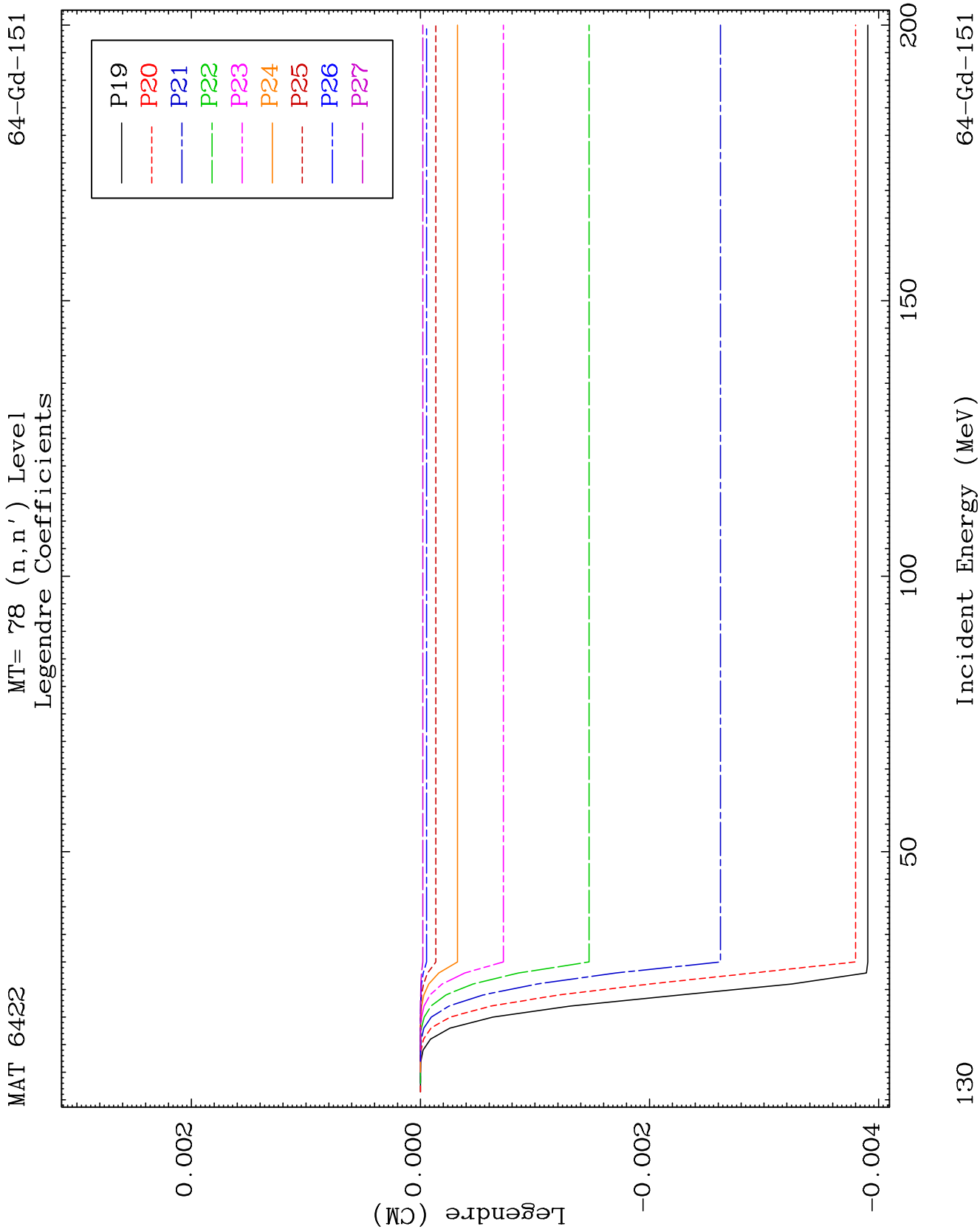


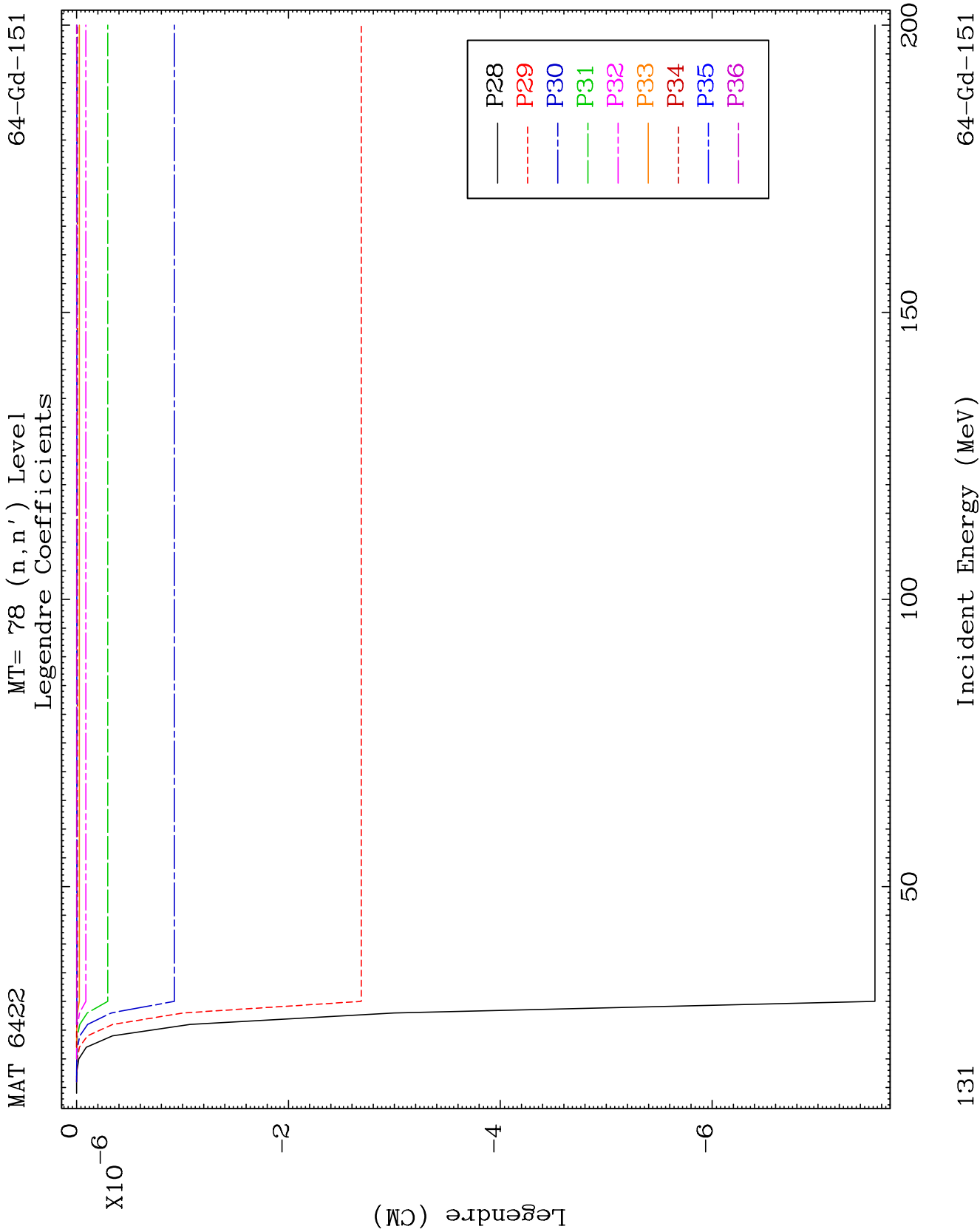
MAT 6422

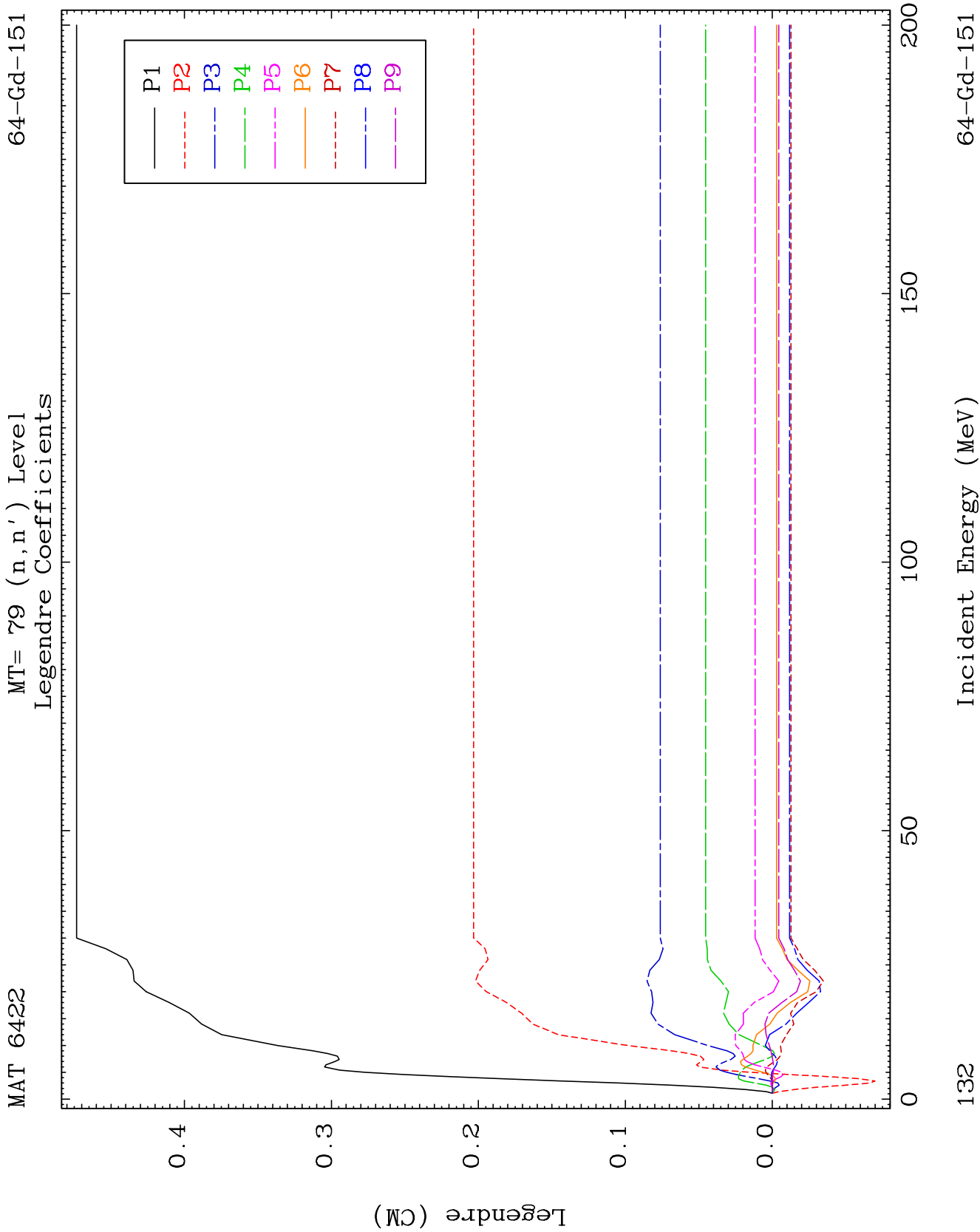
MT= 78 (n, n') Level
Legendre Coefficients

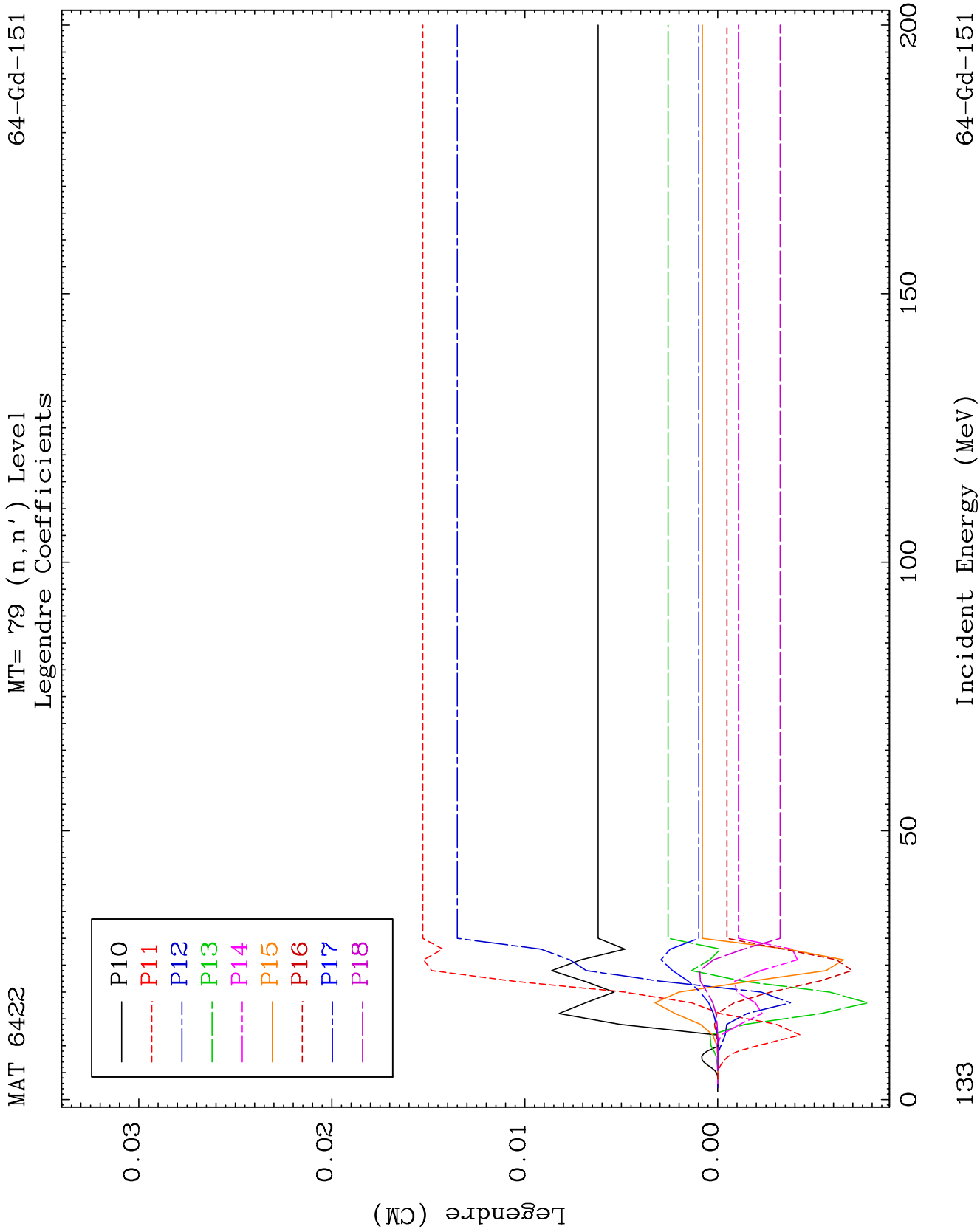
64-Gd-151







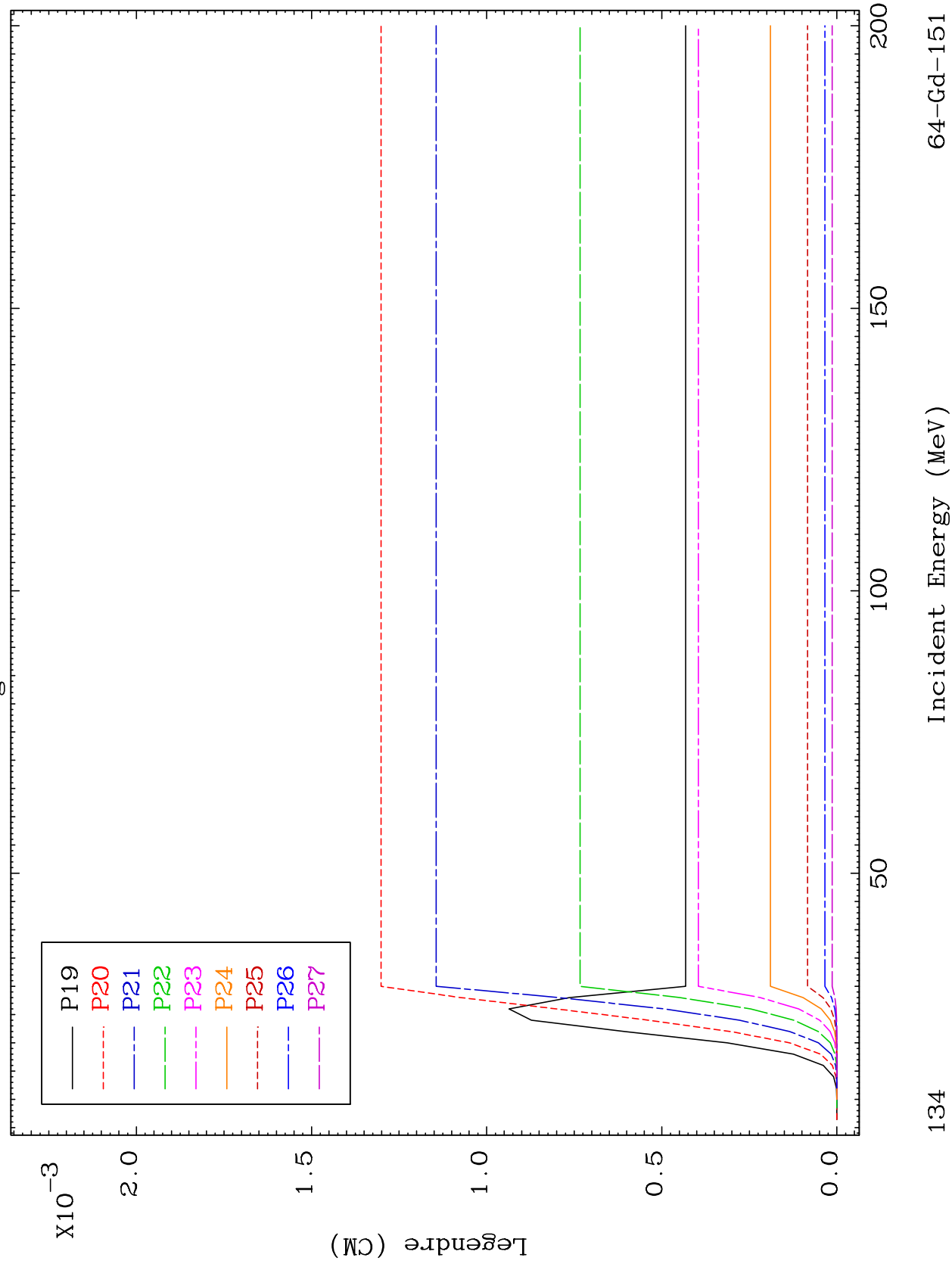


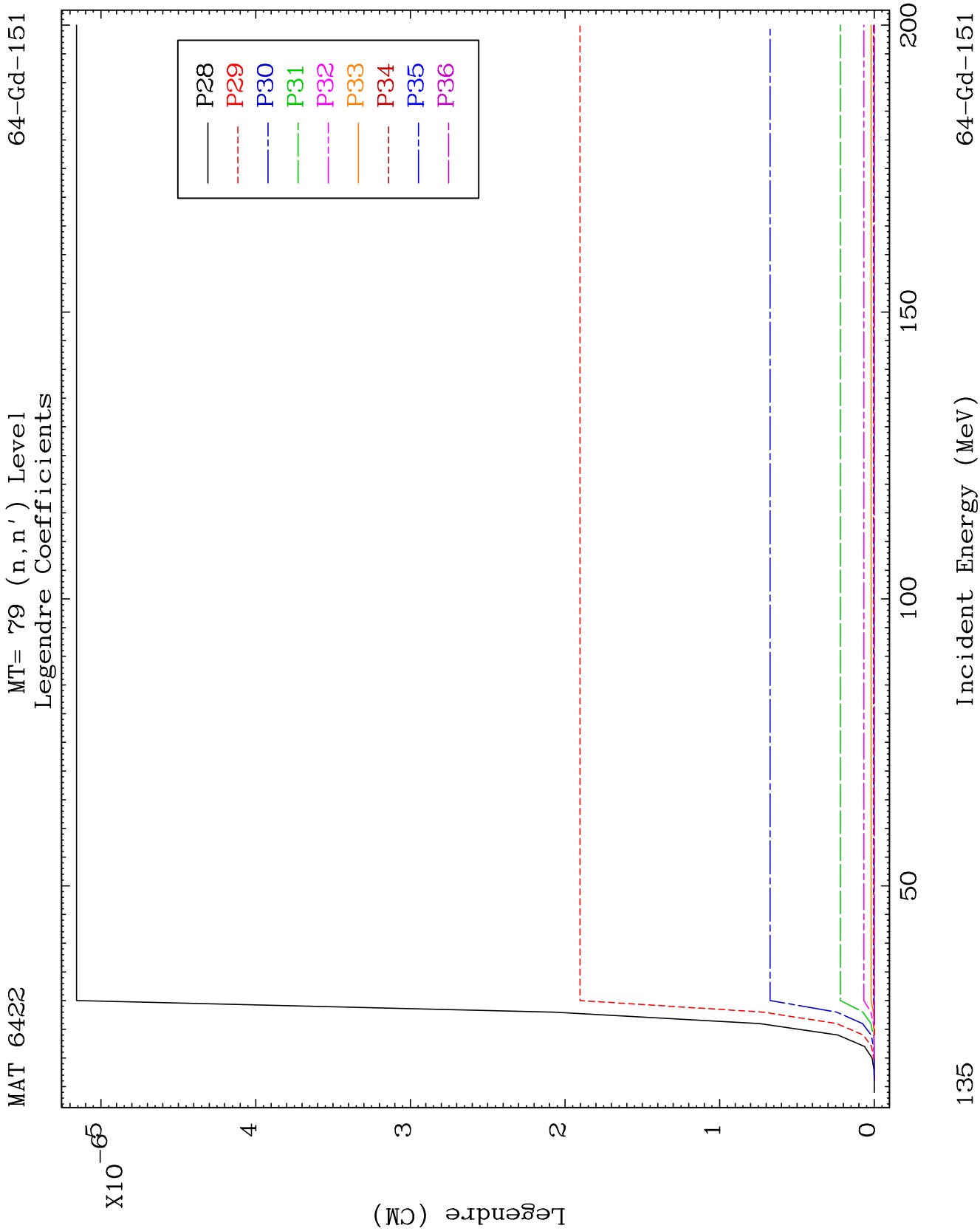


MAT 6422

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

64-Gd-151

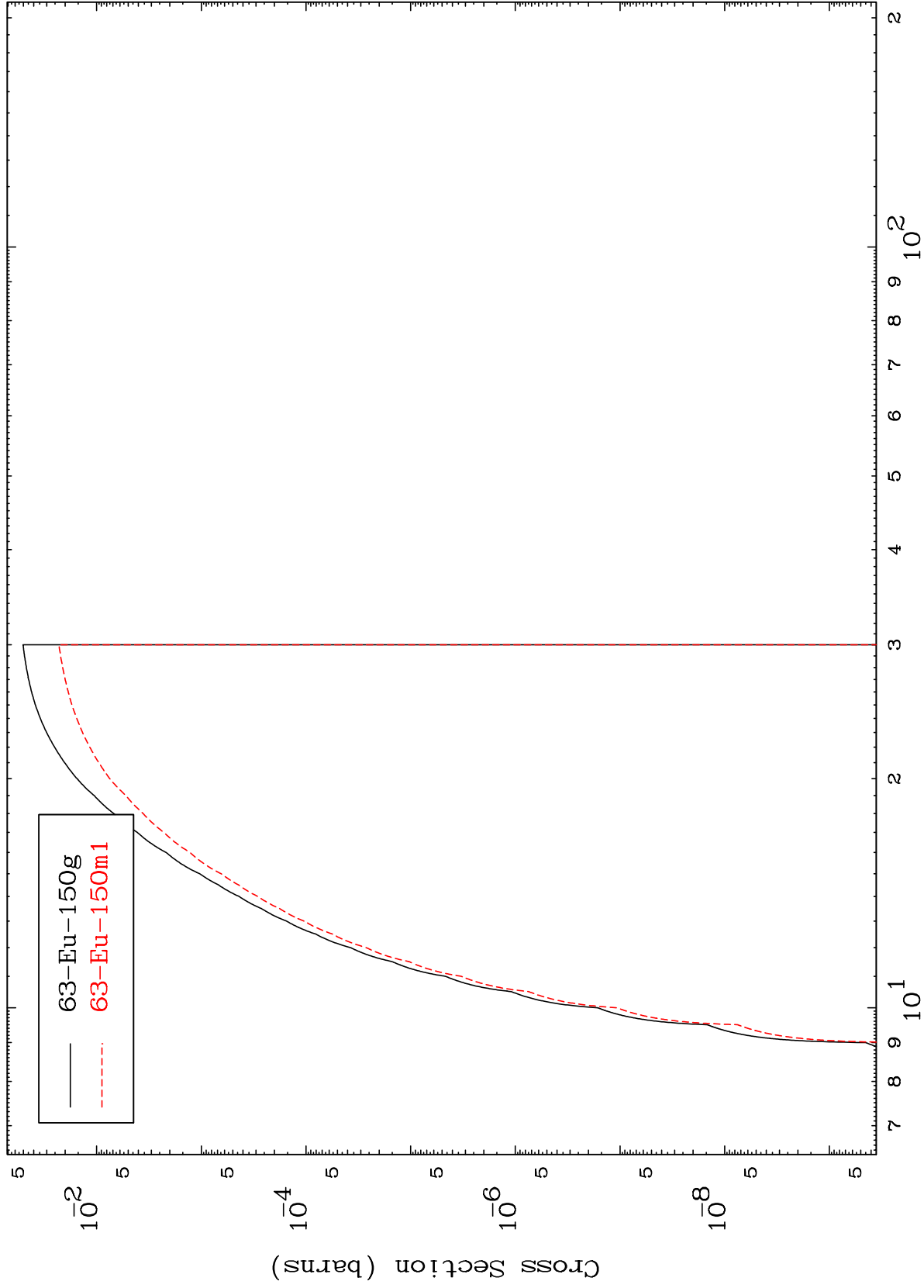




MAT 6422

64-Gd-151

(n,n') p
Radionuclide Production Cross Section



136

Incident Energy (MeV)

64-Gd-151

