

Program EVALPLOT
(Version 2021-1)

by

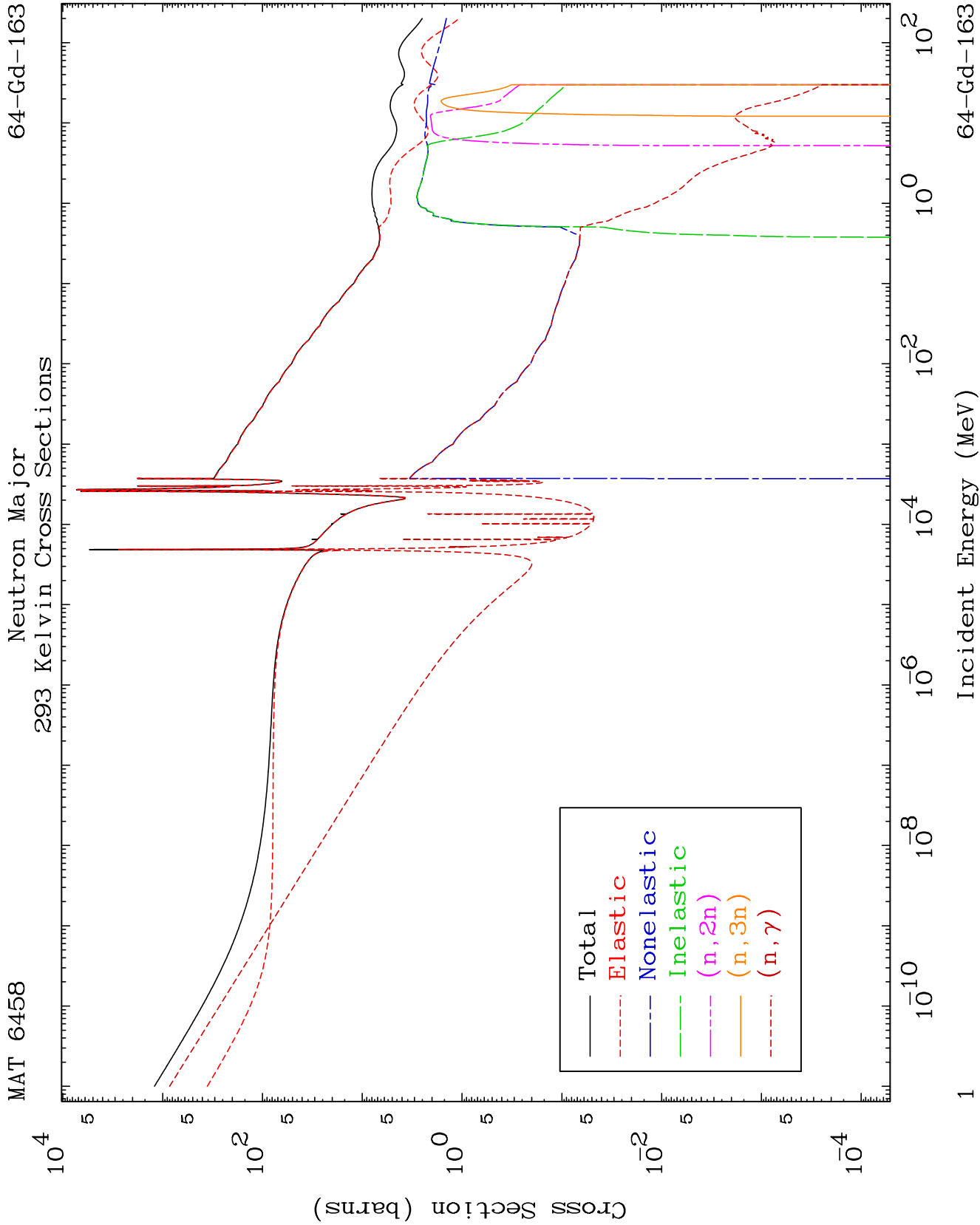
Dermott E. Cullen
(Present Contact Information)

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

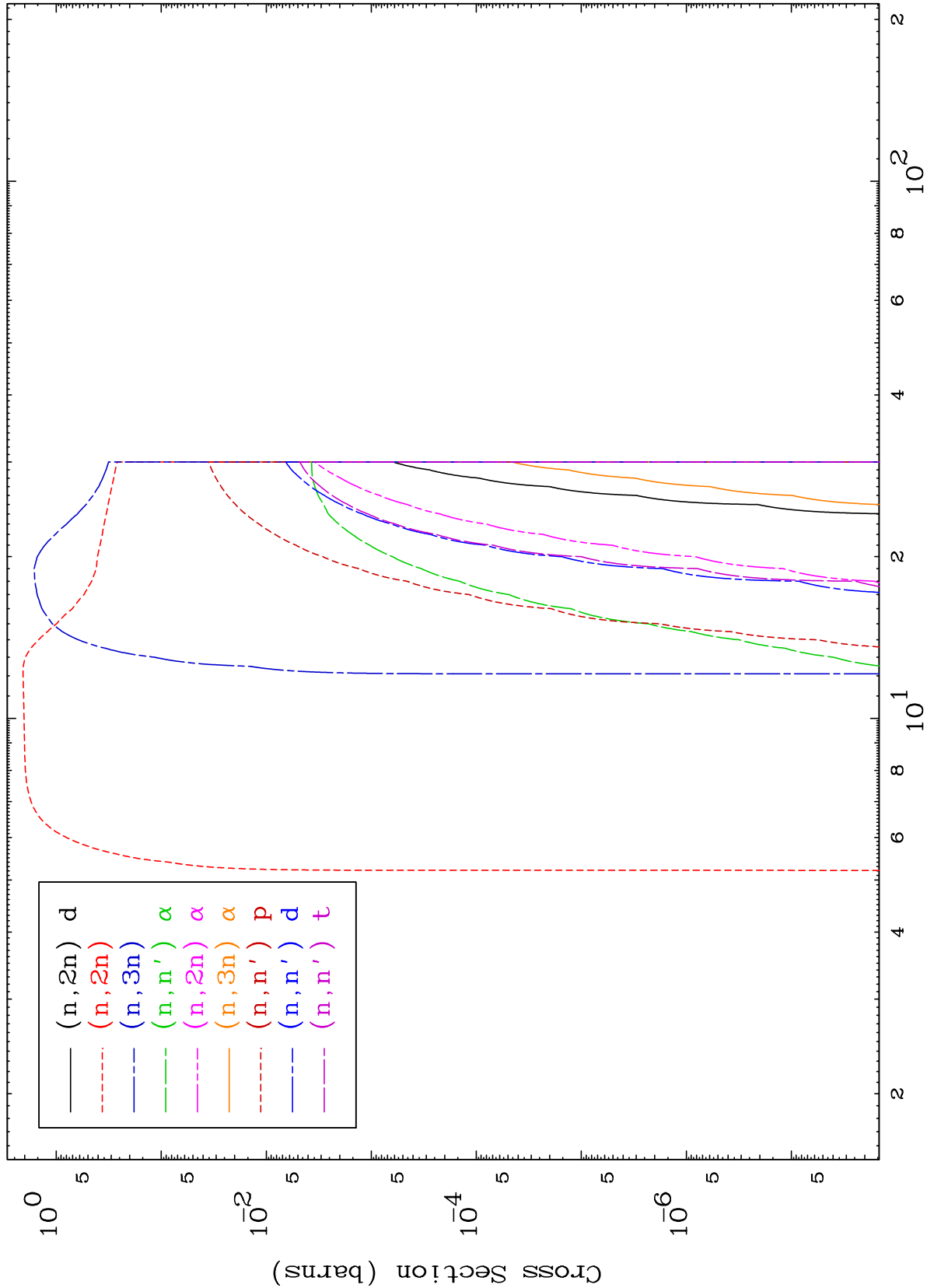
Press Mouse Button to Start



MAT 6458

Neutron Absorption
293 Kelvin Cross Sections

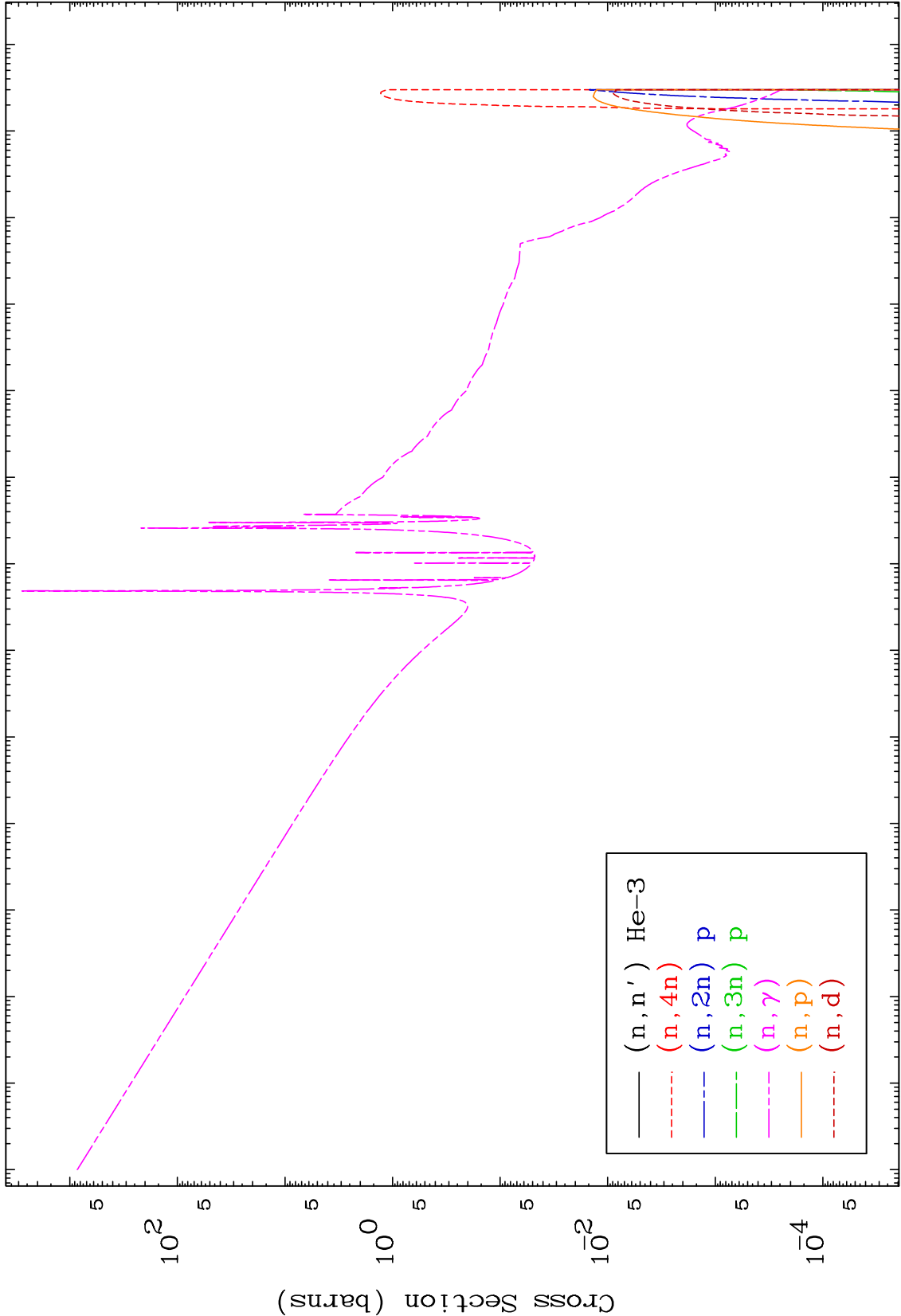
64-Gd-163



2

Incident Energy (MeV)

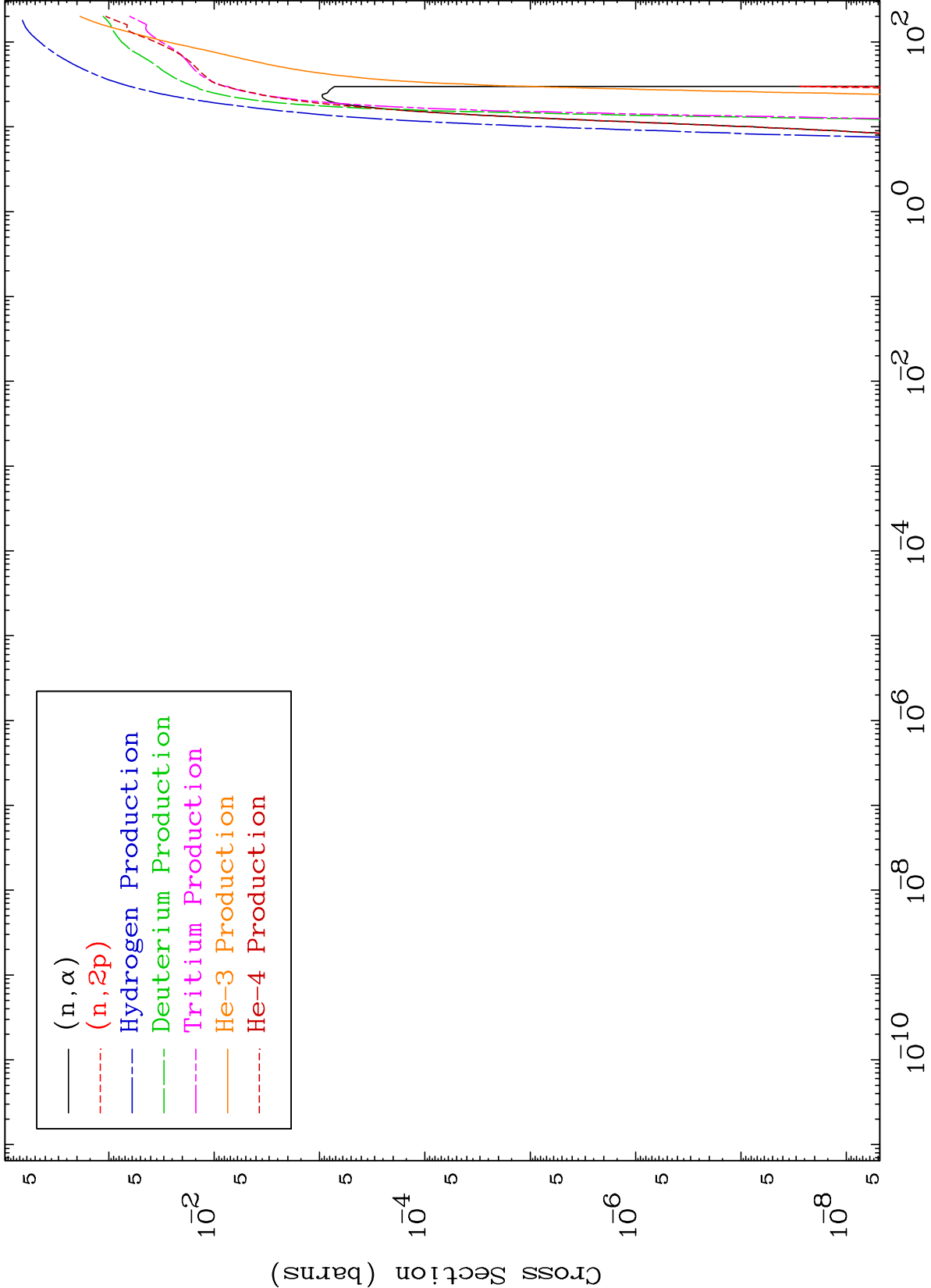
64-Gd-163

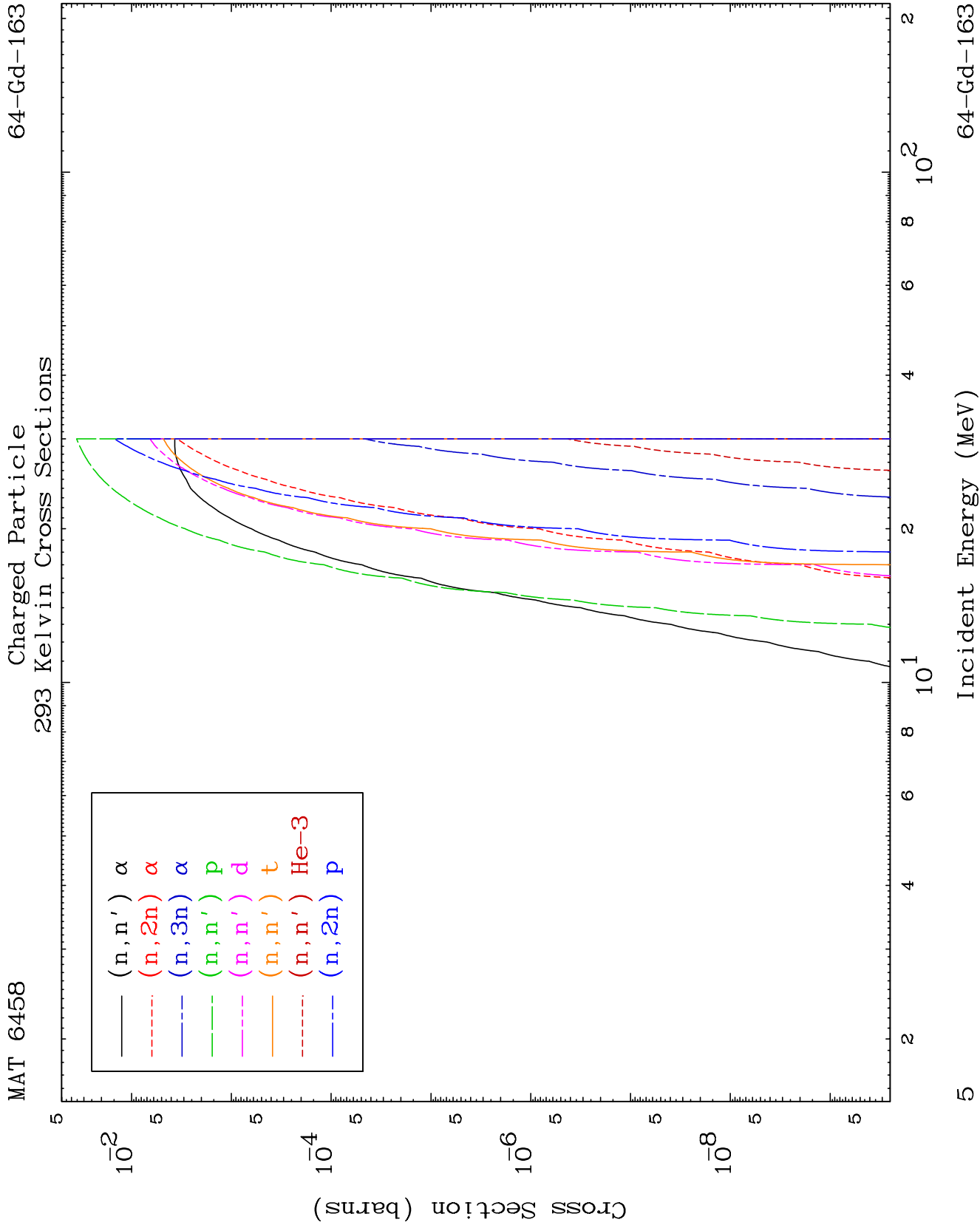


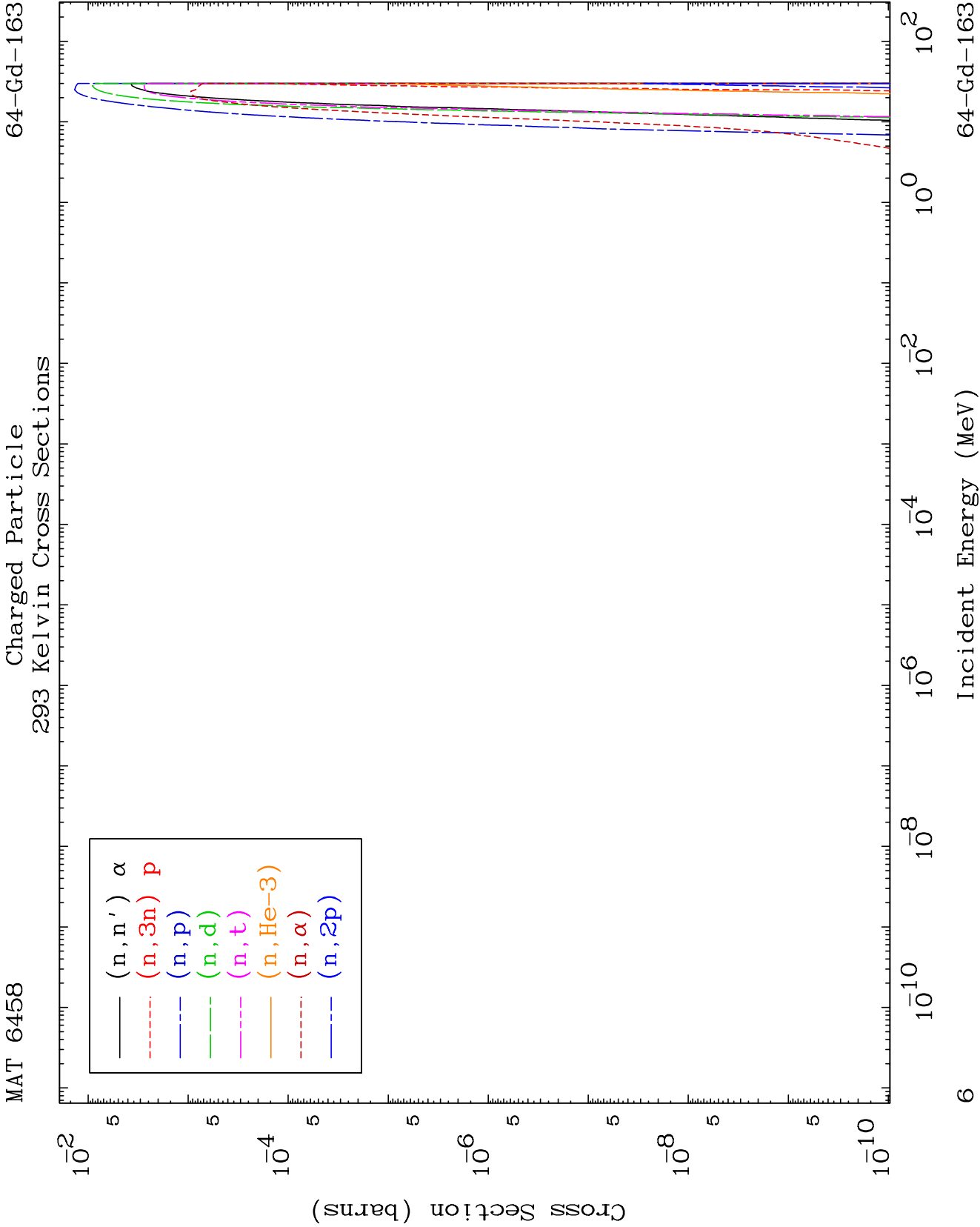
MAT 6458

Neutron Absorption
293 Kelvin Cross Sections

64-Gd-163



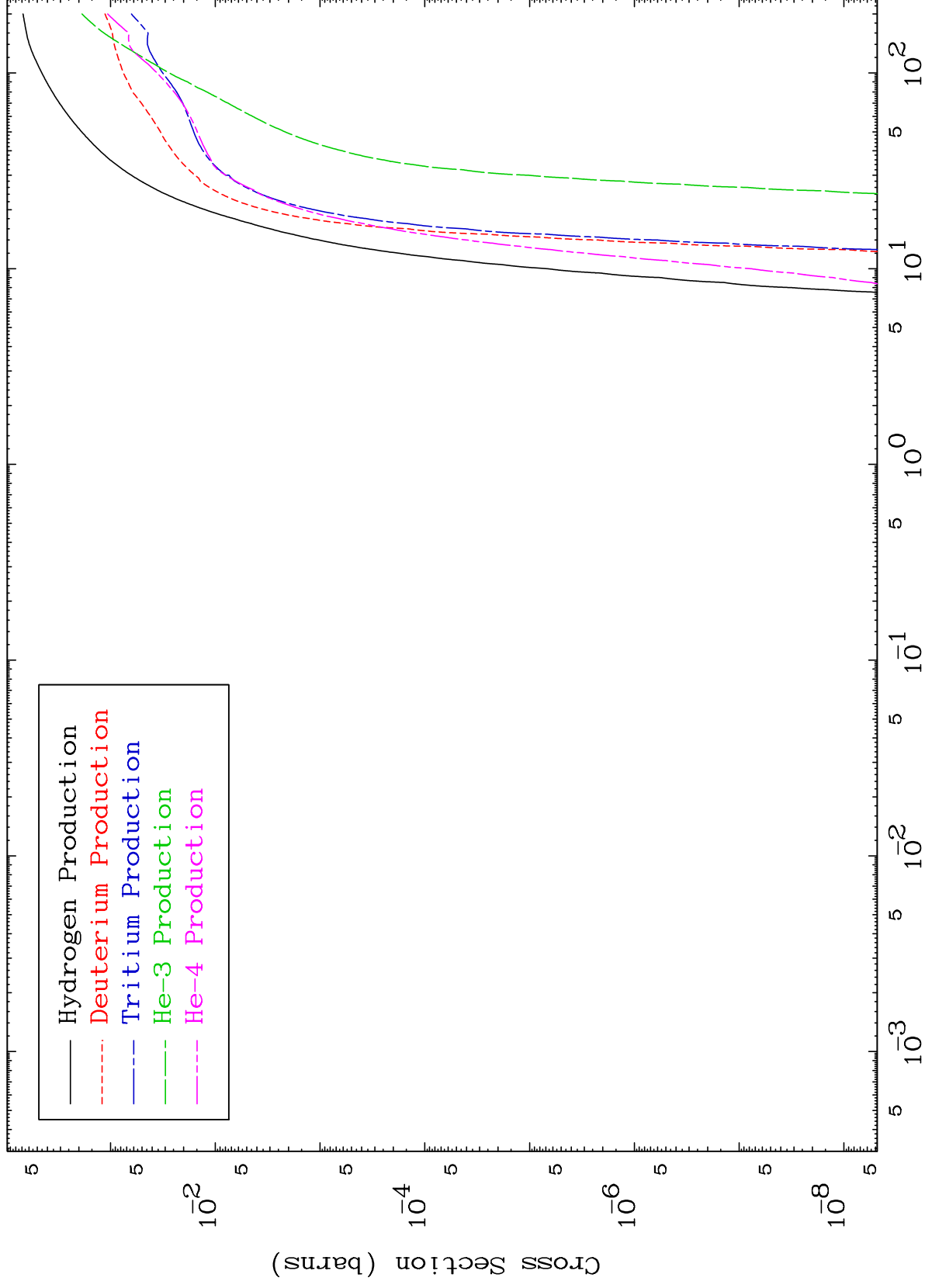




MAT 6458

Particle Production
293 Kelvin Cross Sections

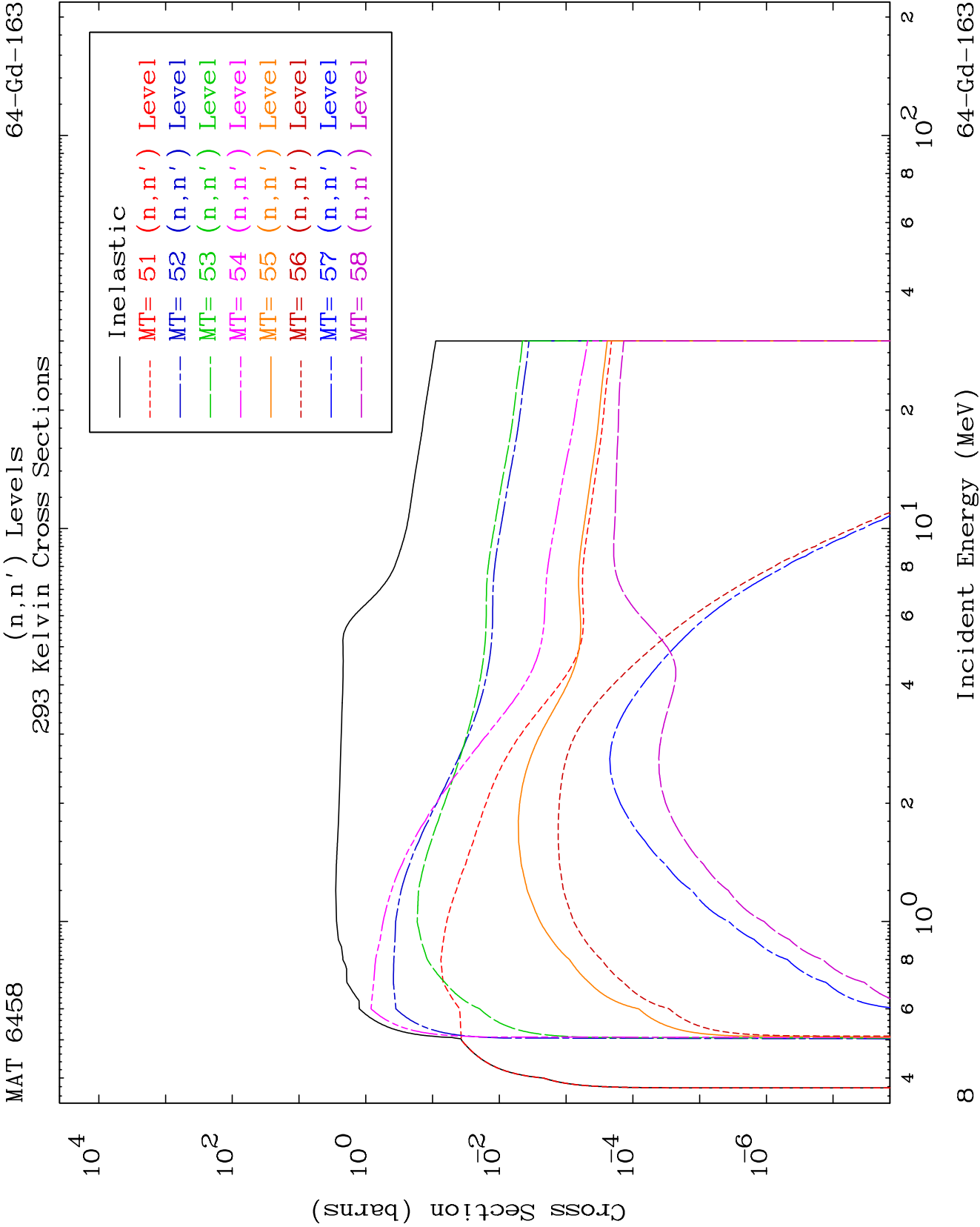
64-Gd-163

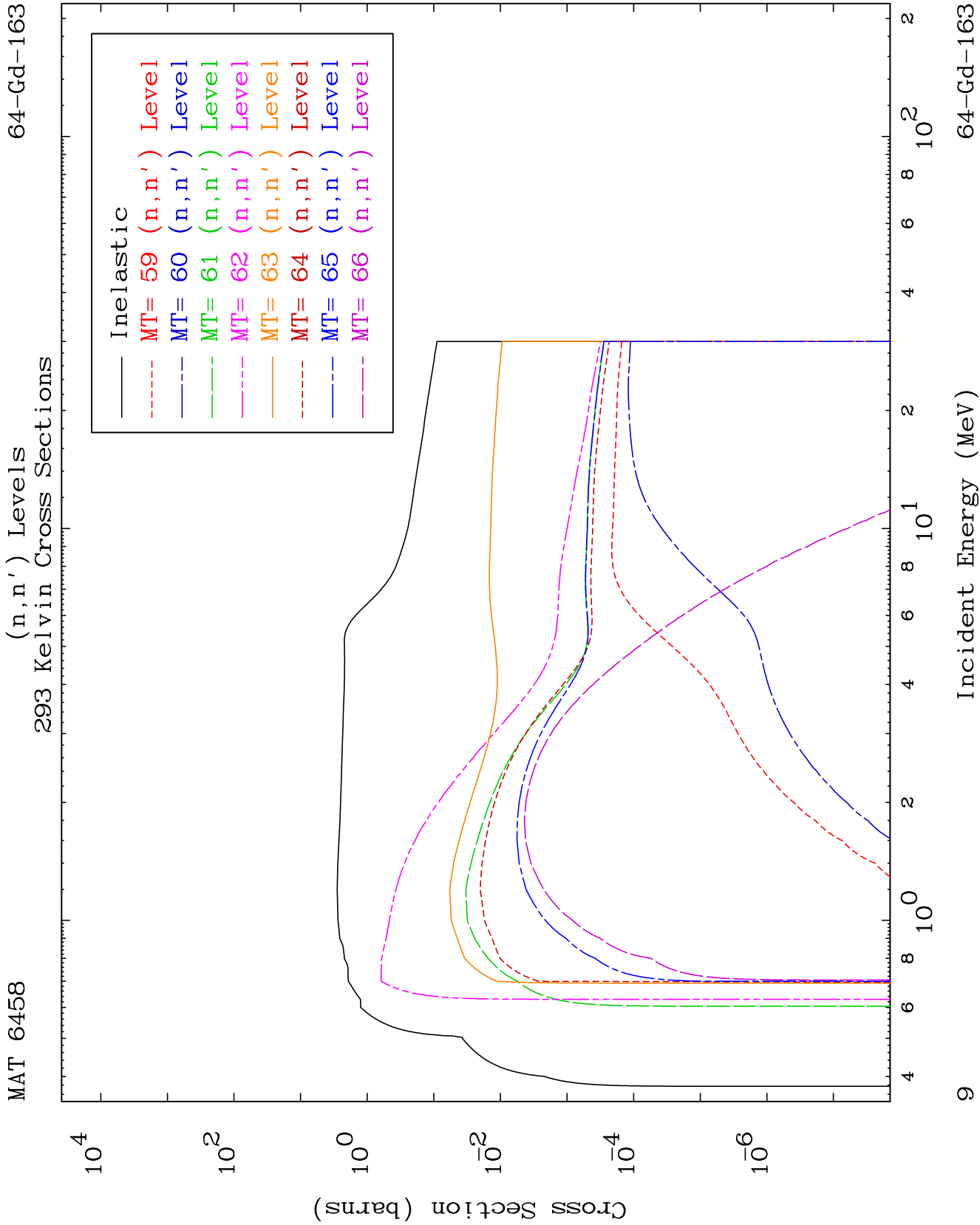


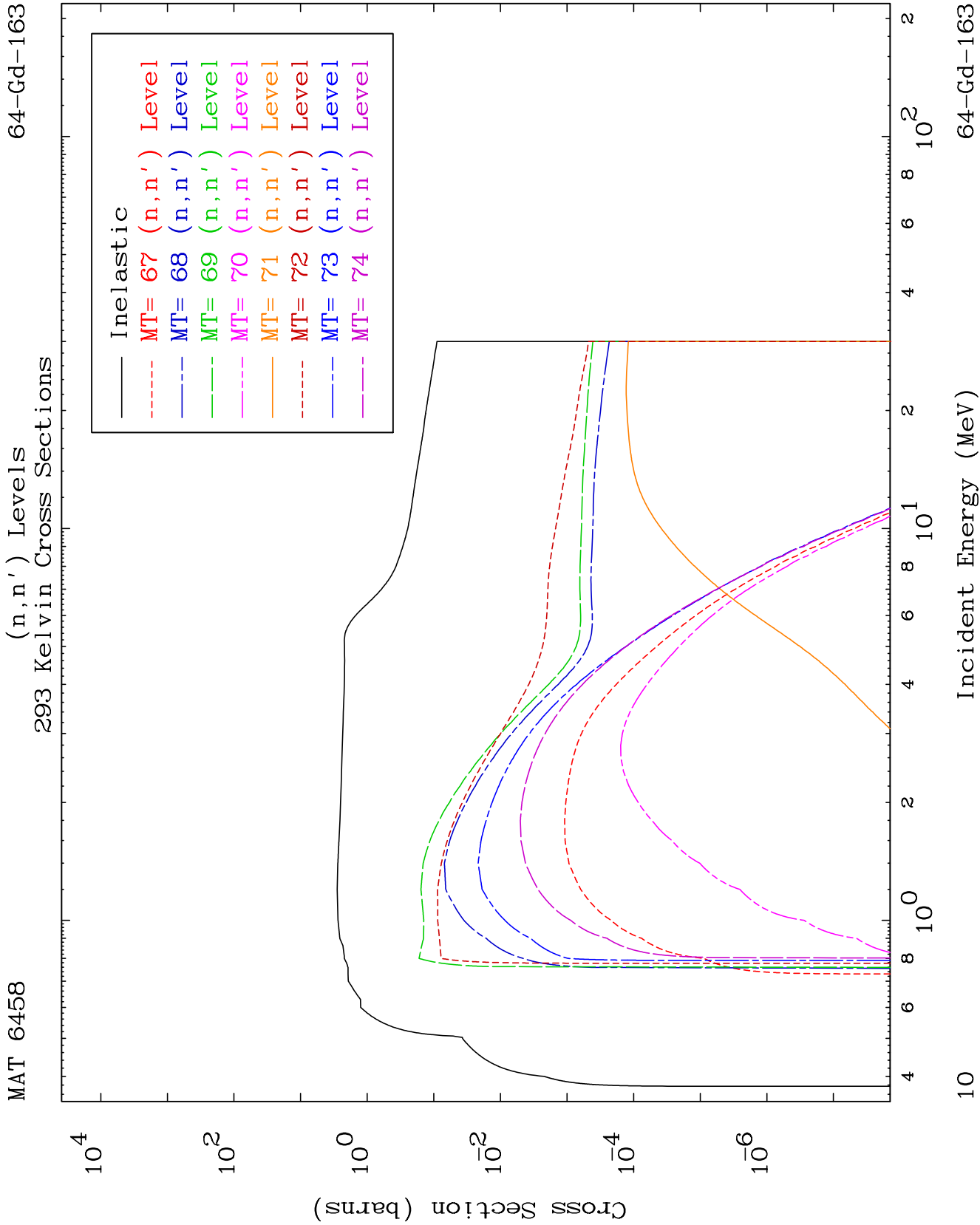
7

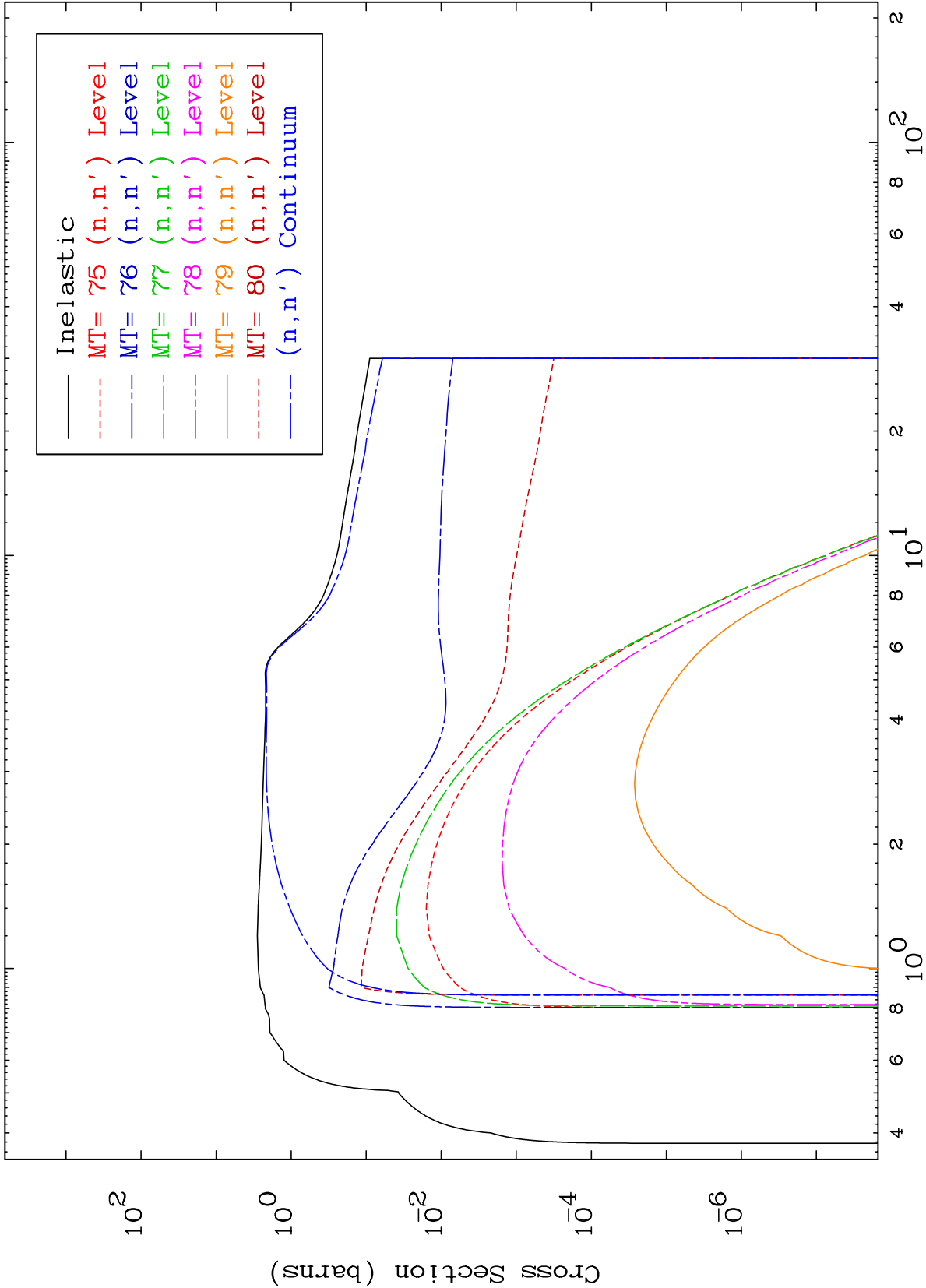
Incident Energy (MeV)

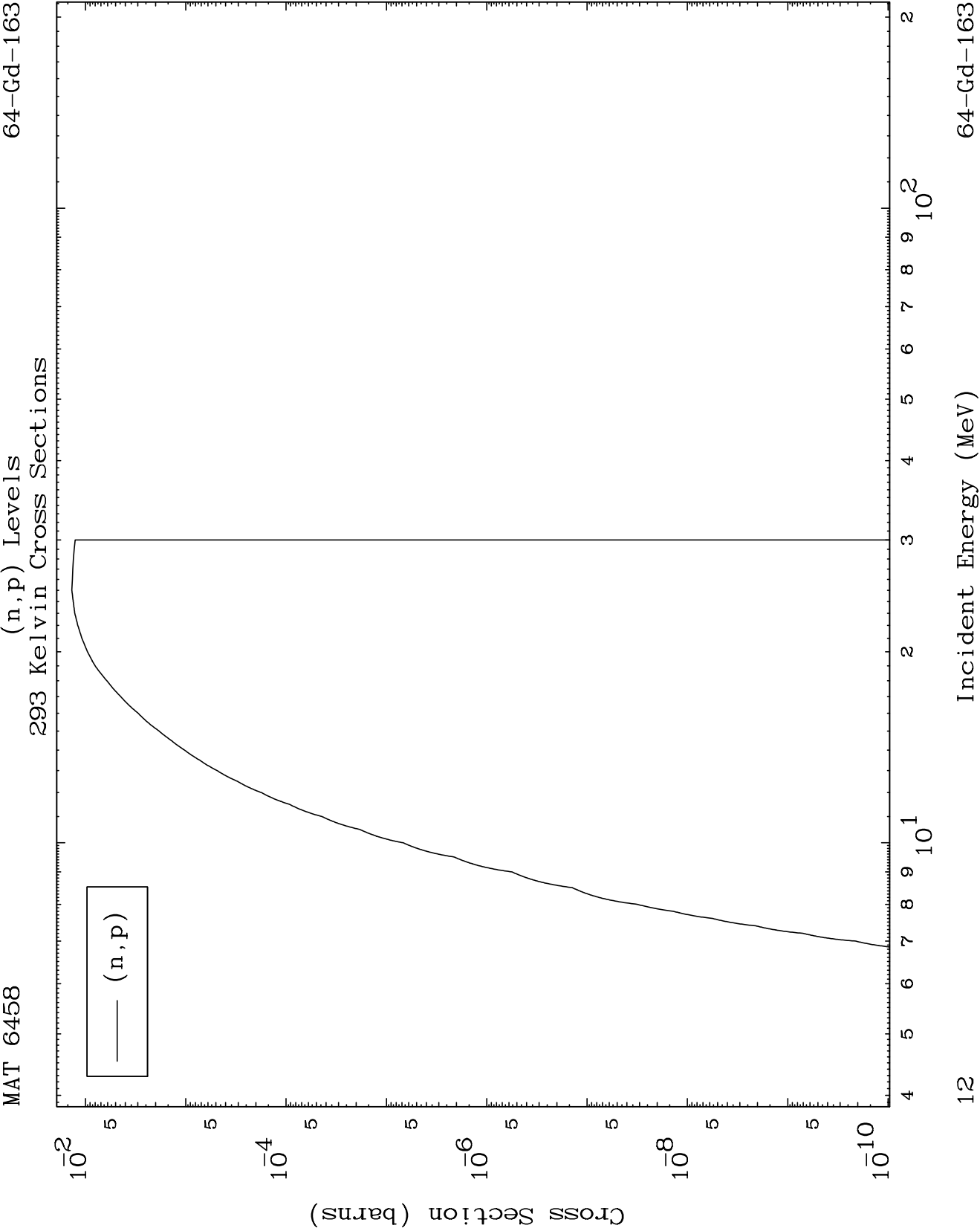
64-Gd-163

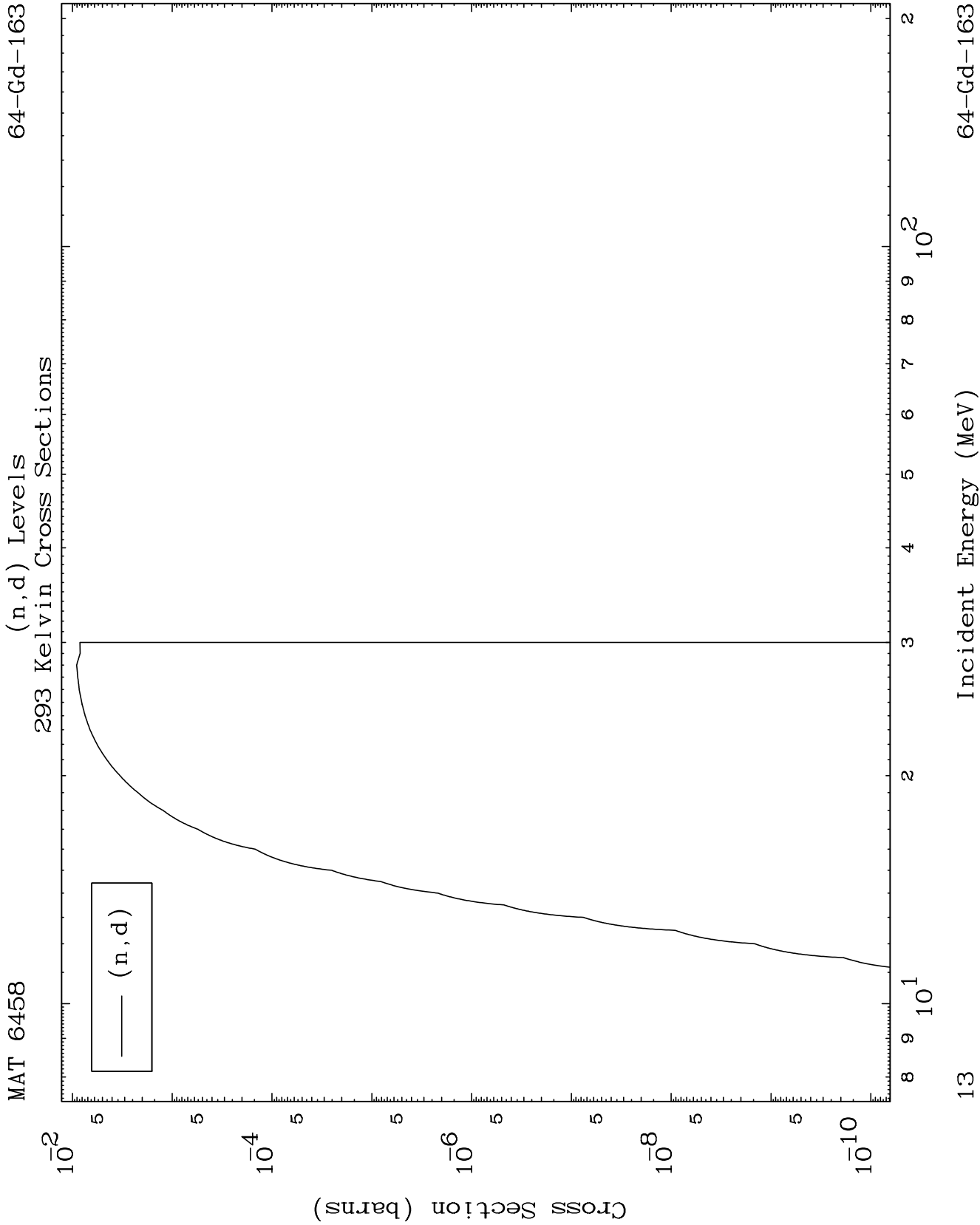








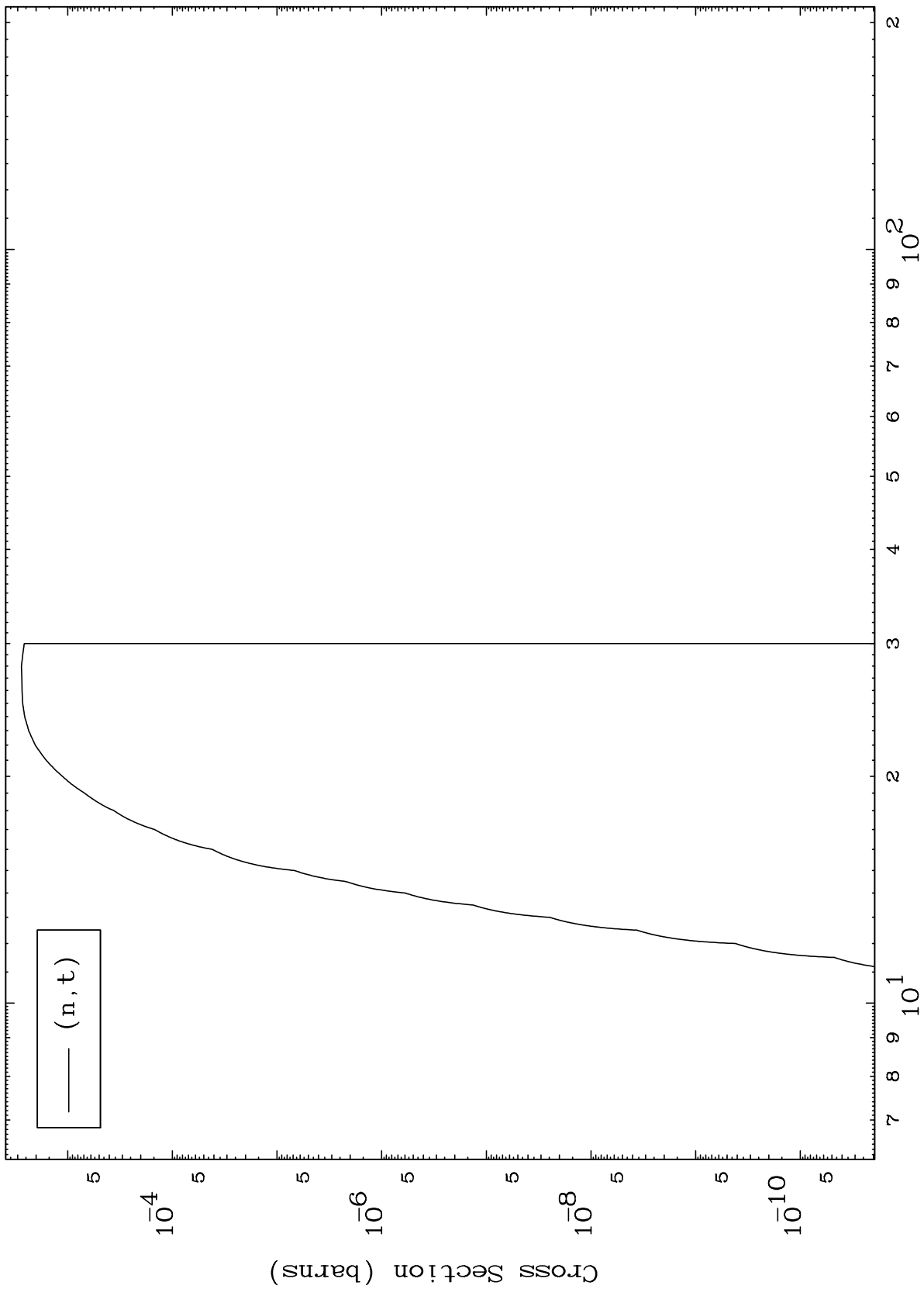




MAT 6458

64-Gd-163

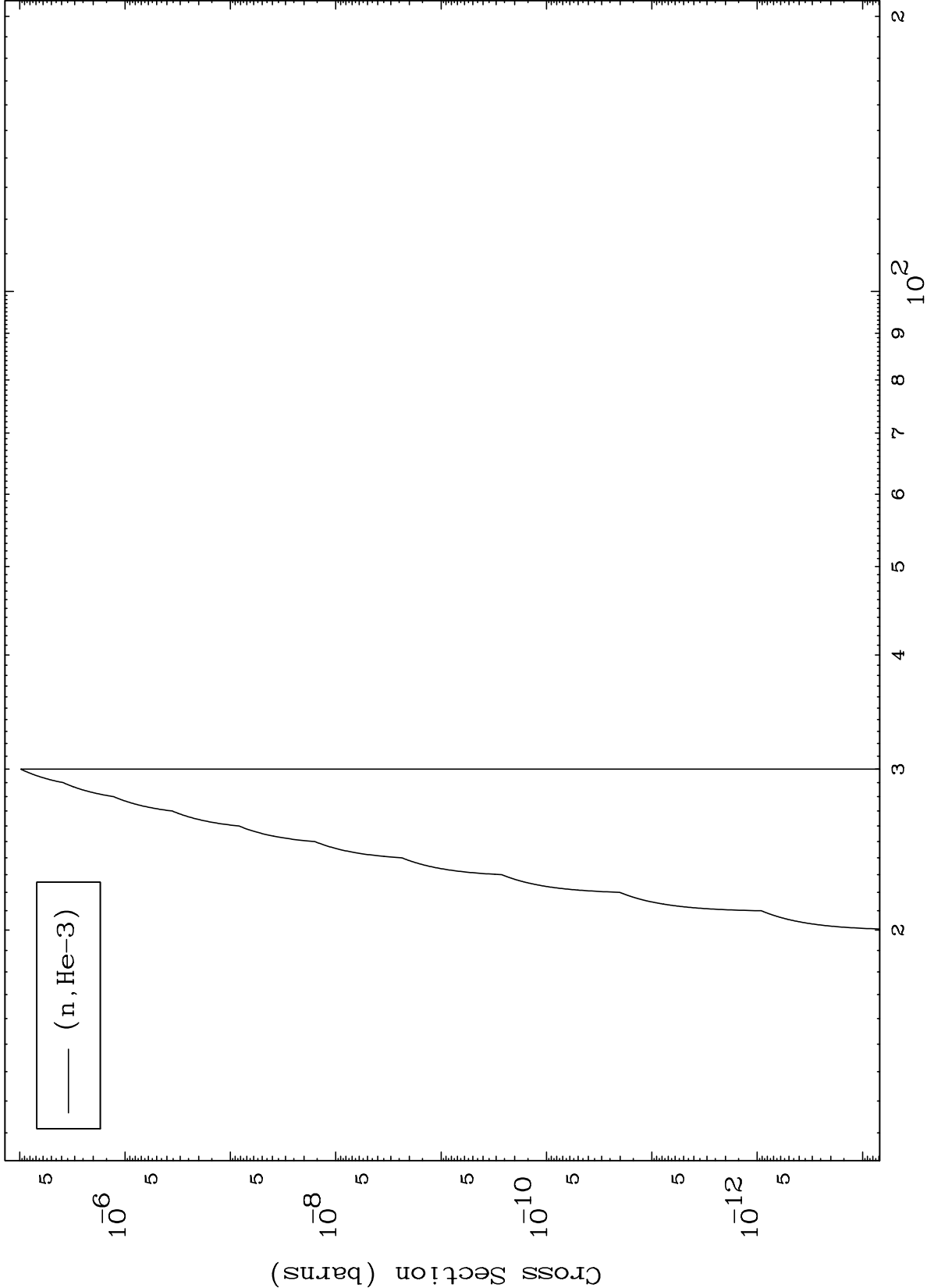
(n,t) Levels
293 Kelvin Cross Sections



64-Gd-163

Incident Energy (MeV)

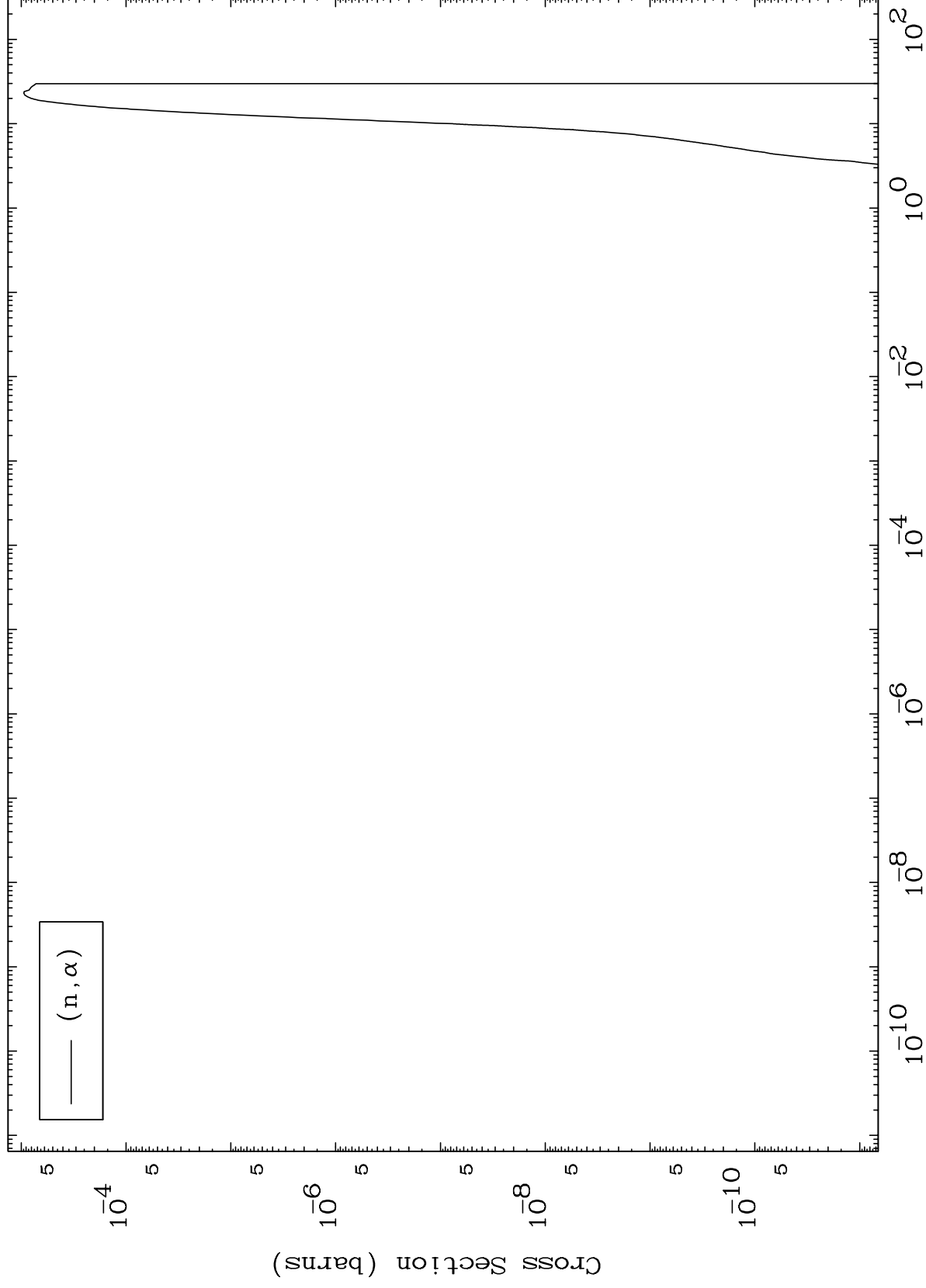
14



MAT 6458

(n, α) Levels
293 Kelvin Cross Sections

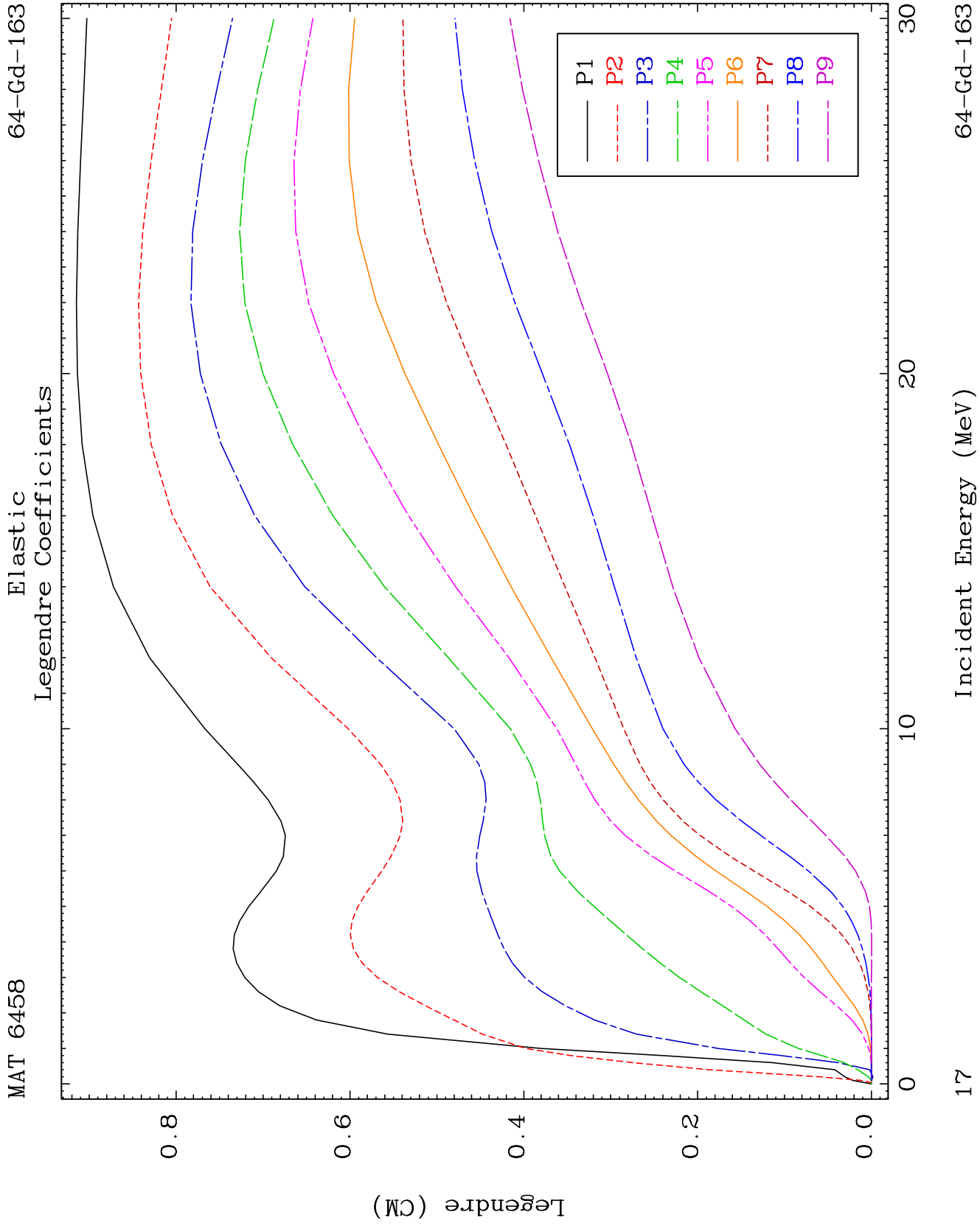
64-Gd-163

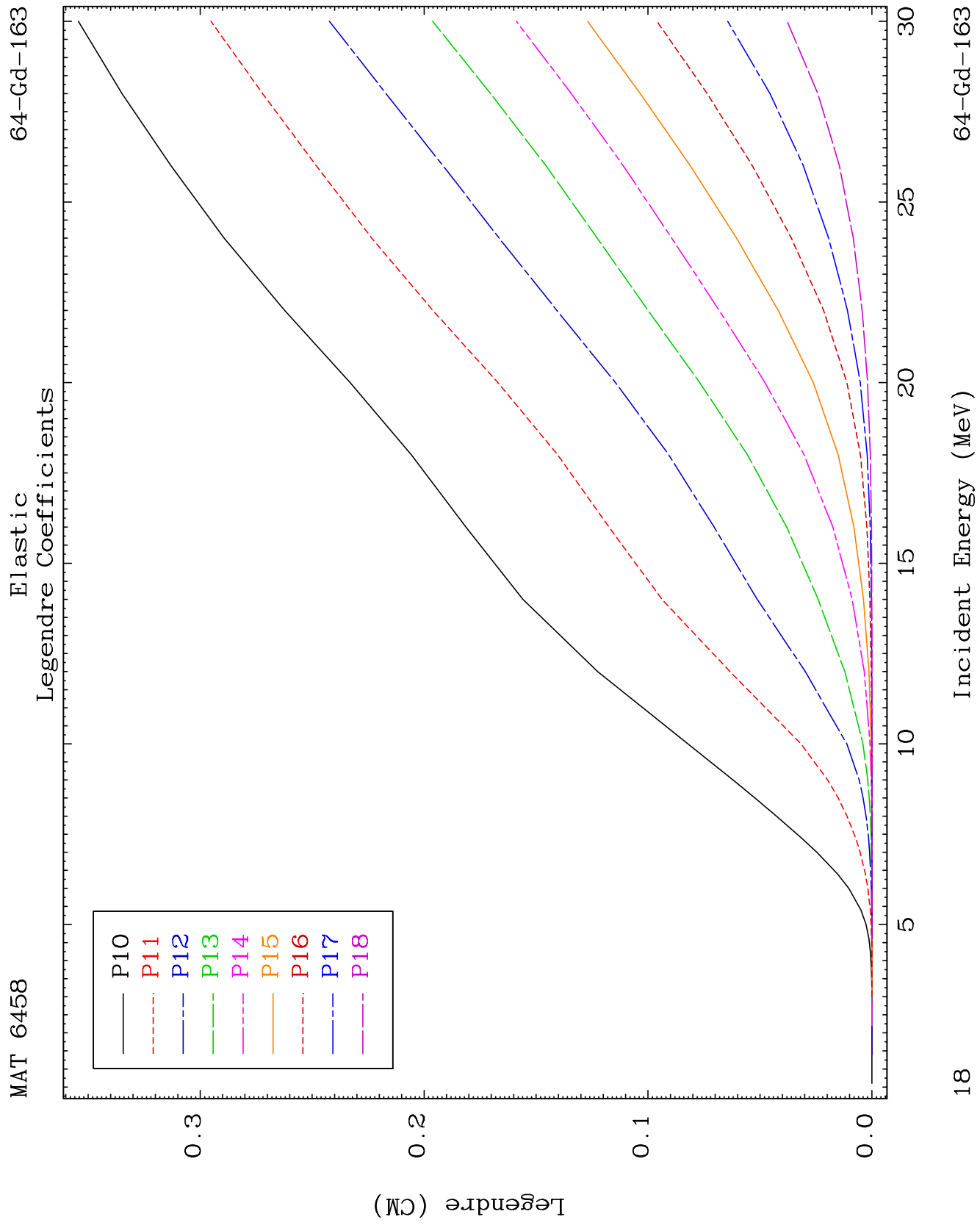


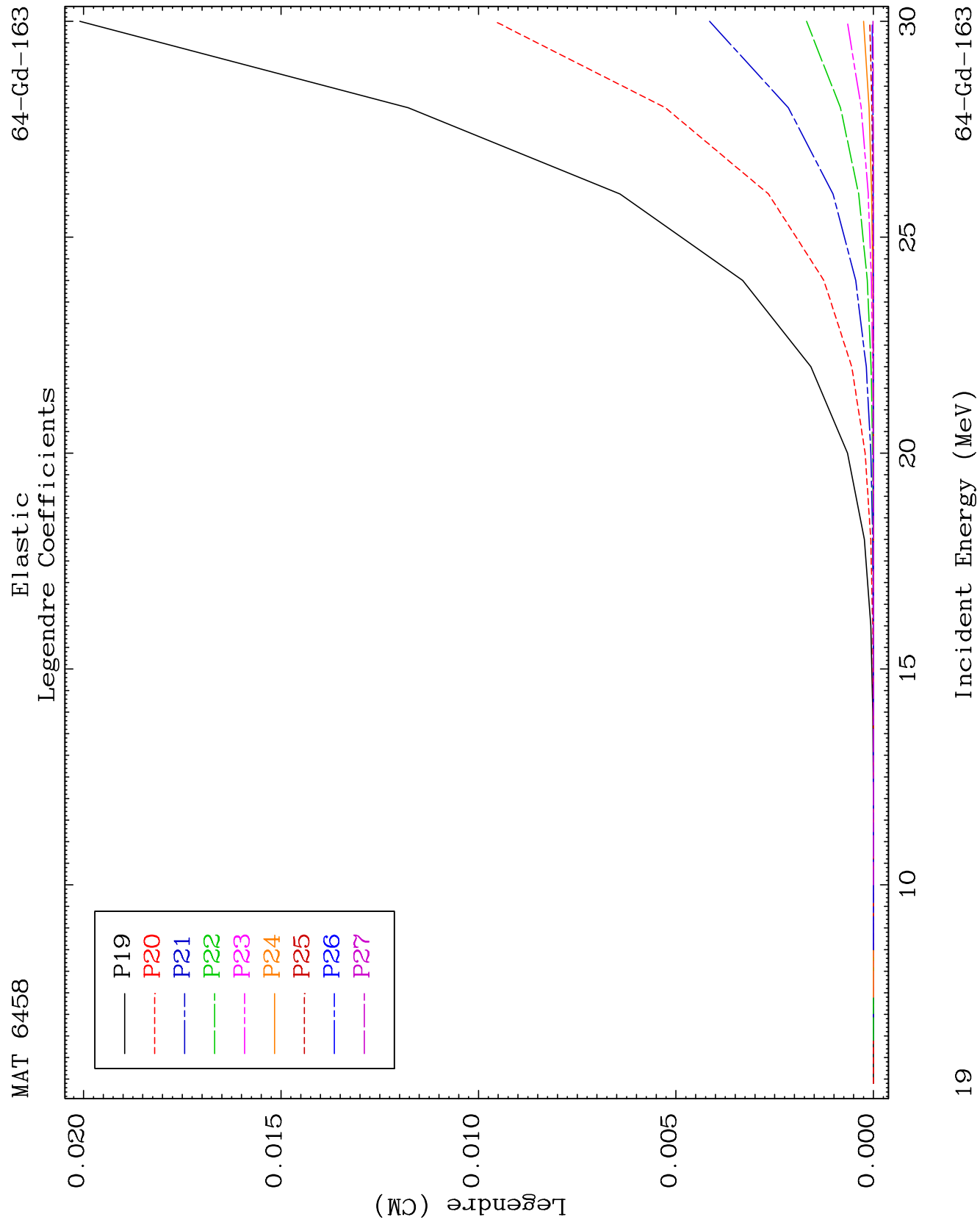
16

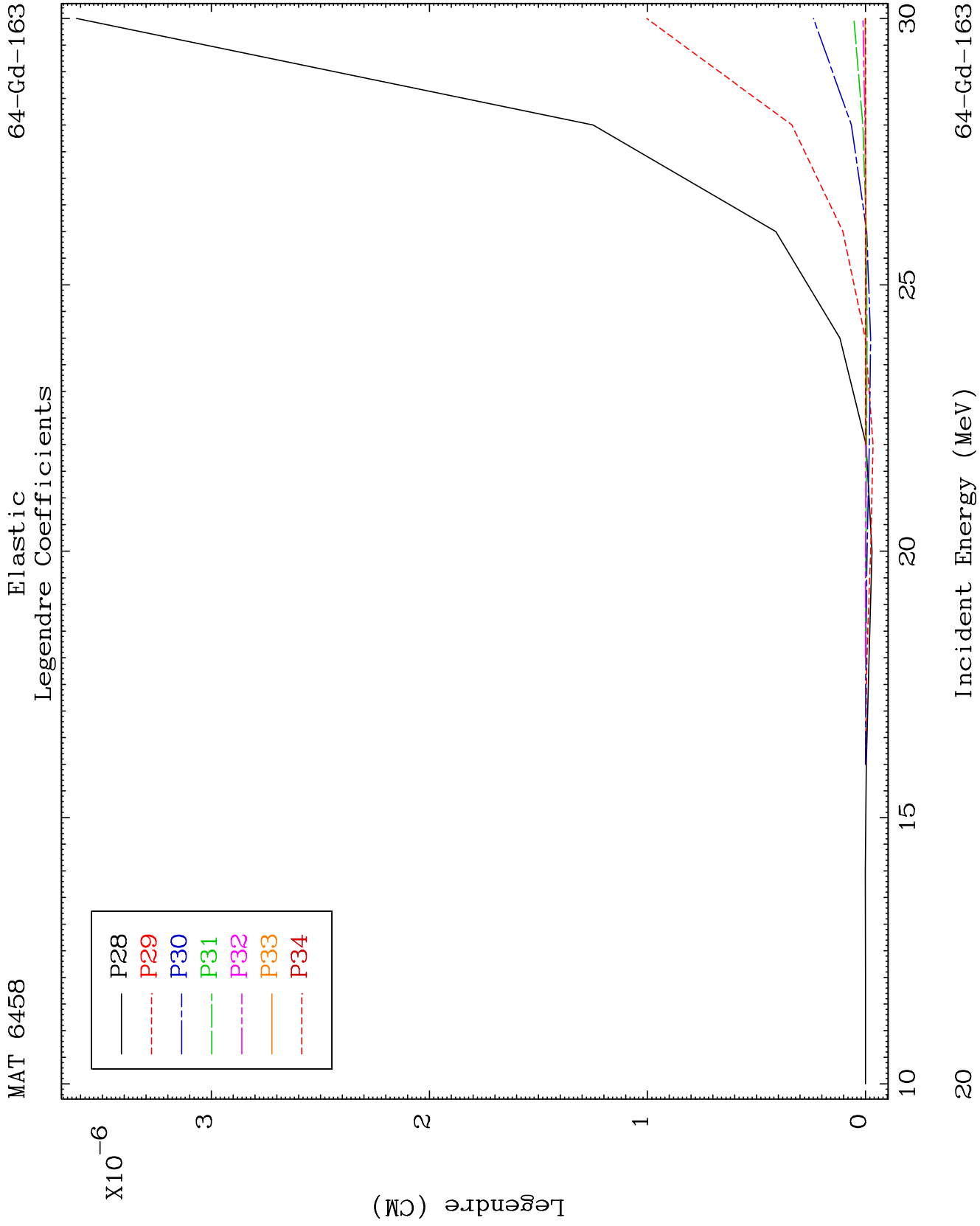
Incident Energy (MeV)

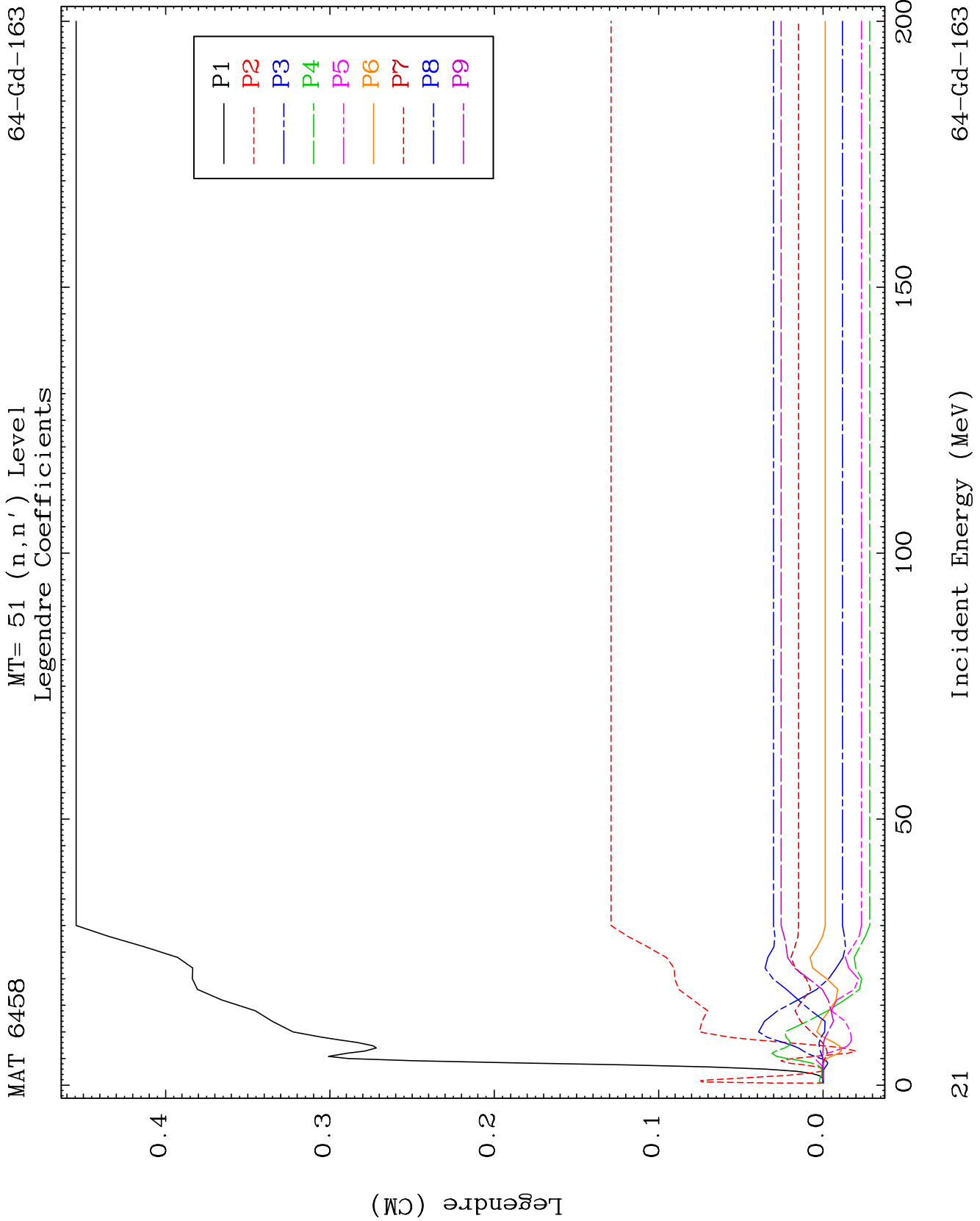
64-Gd-163







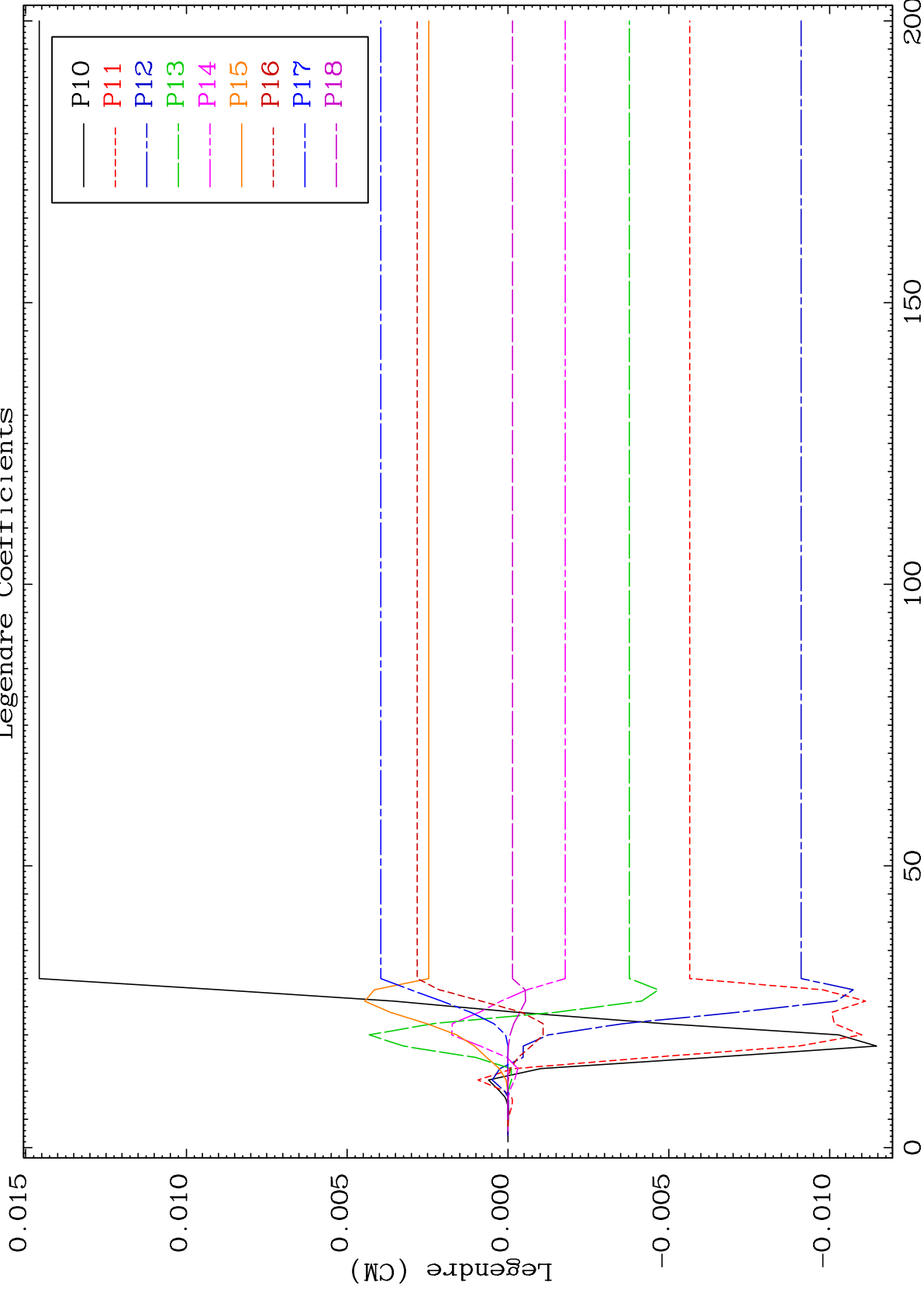




MAT 6458

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

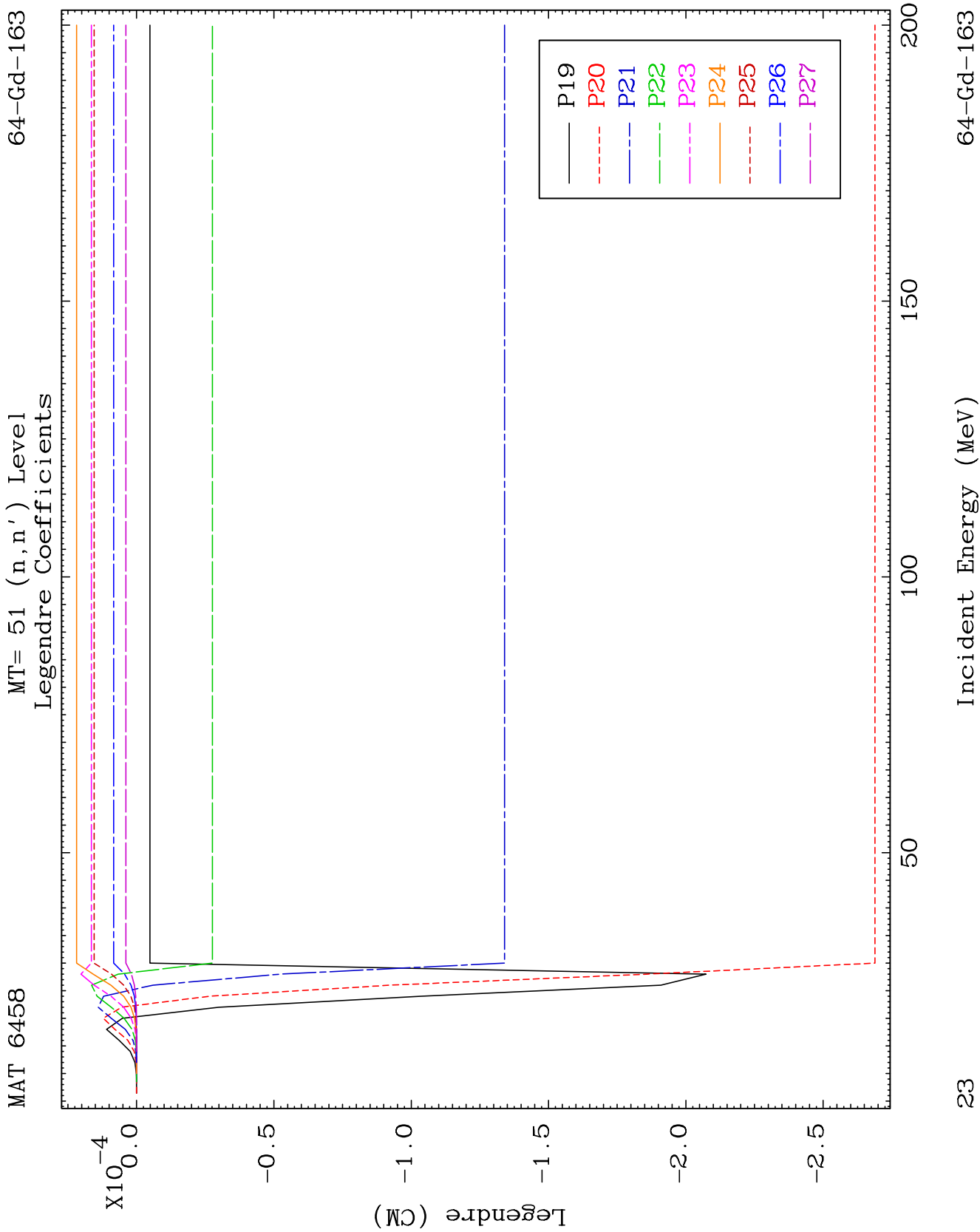
64-Gd-163

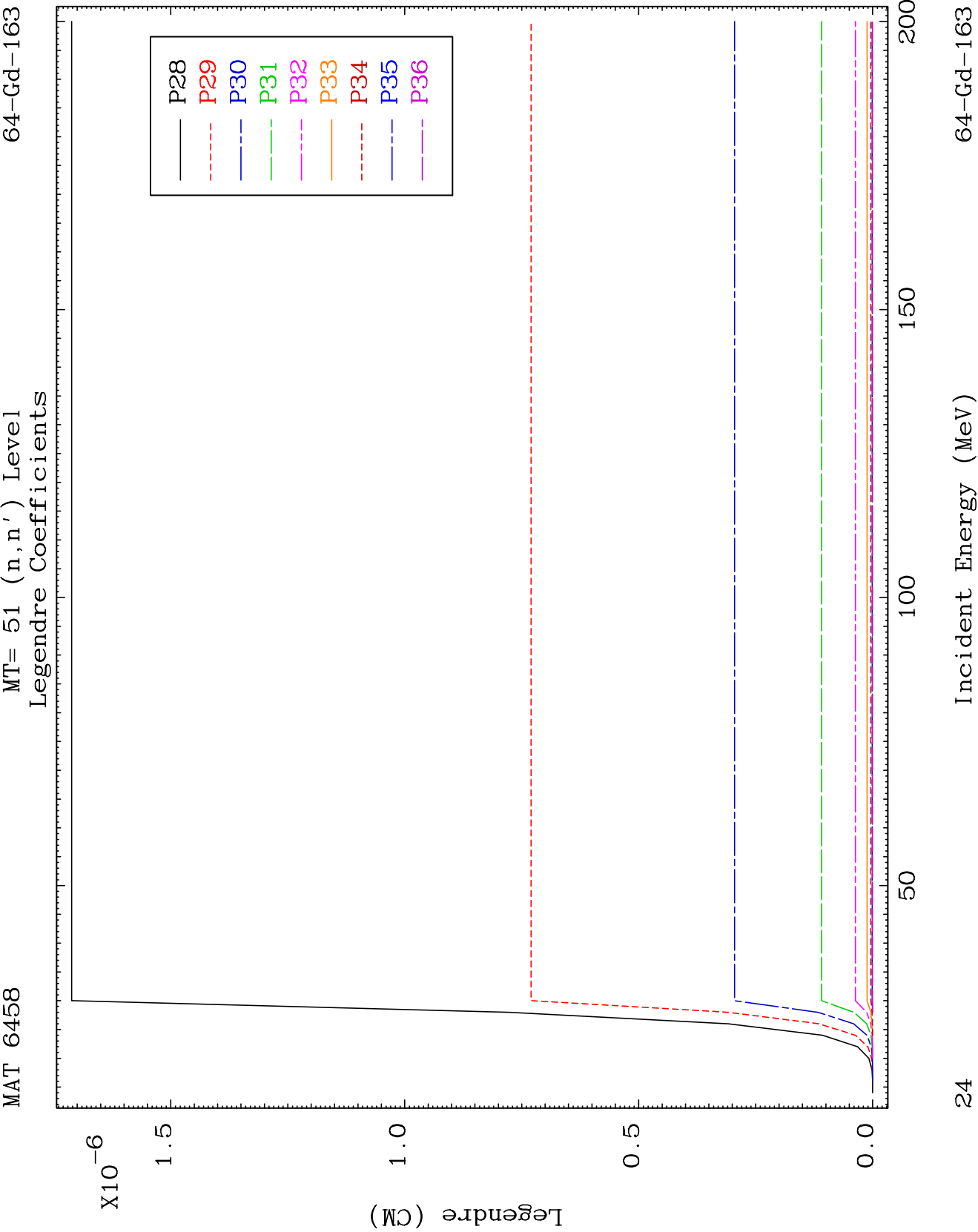


22

Incident Energy (MeV)

64-Gd-163

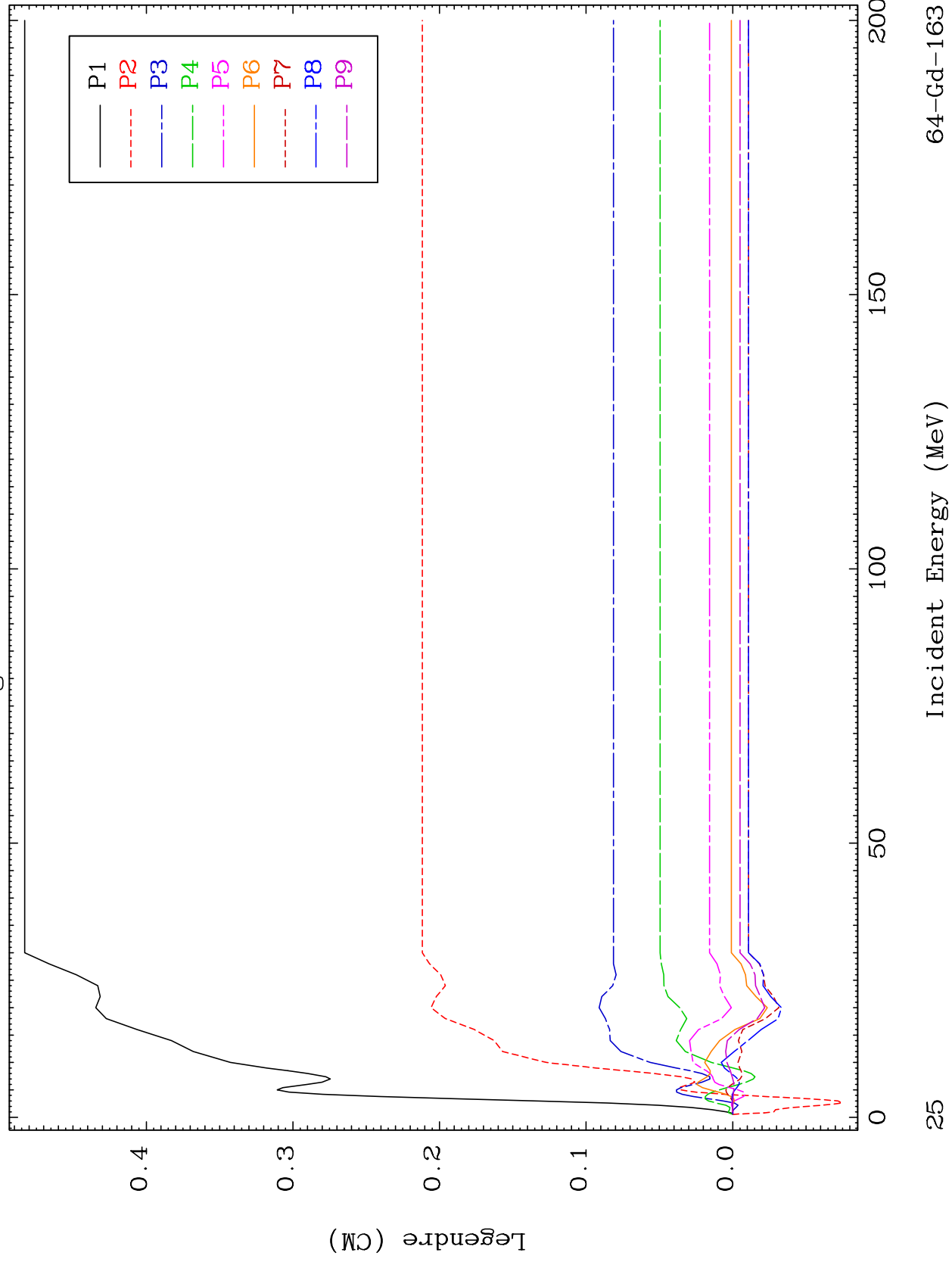


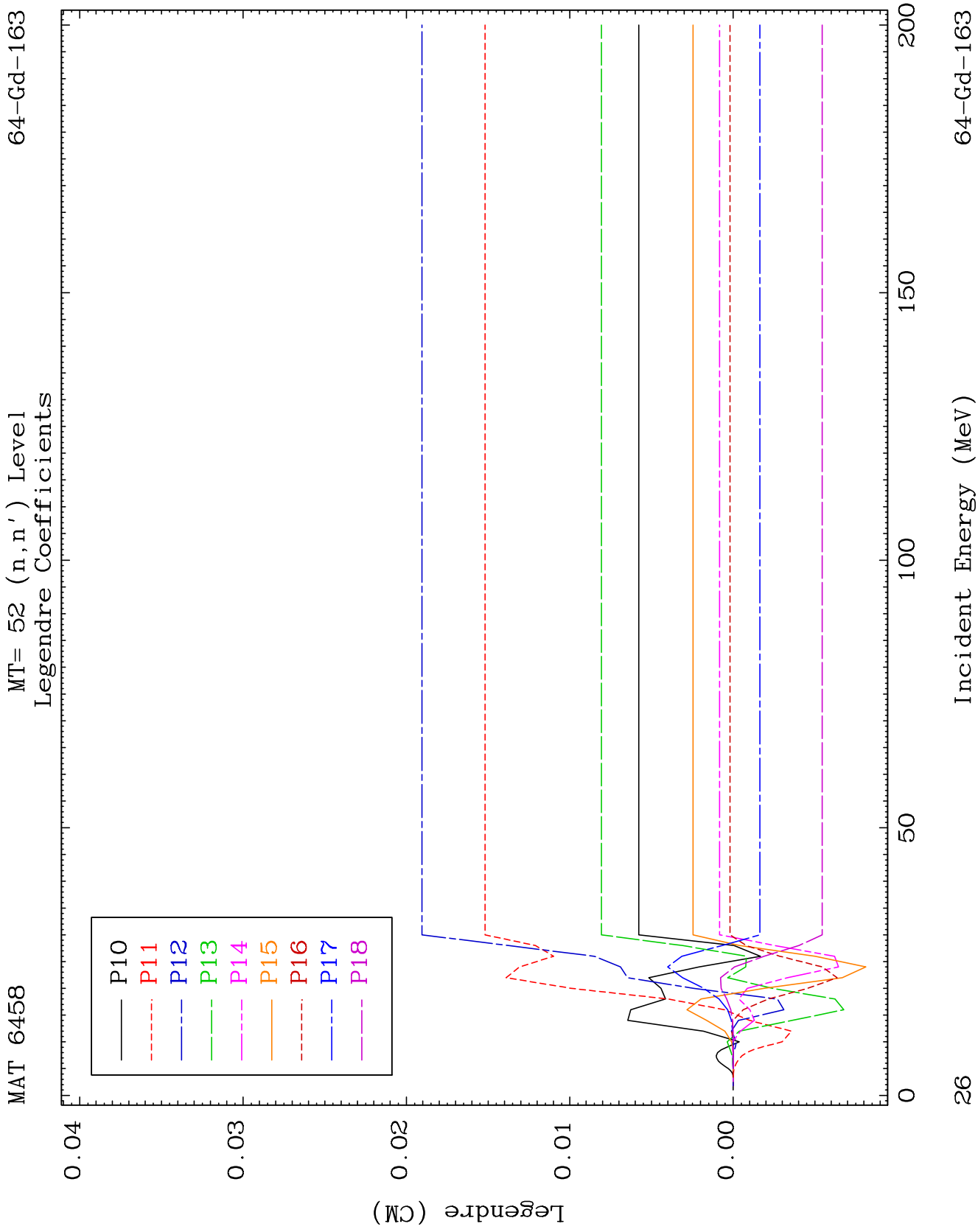


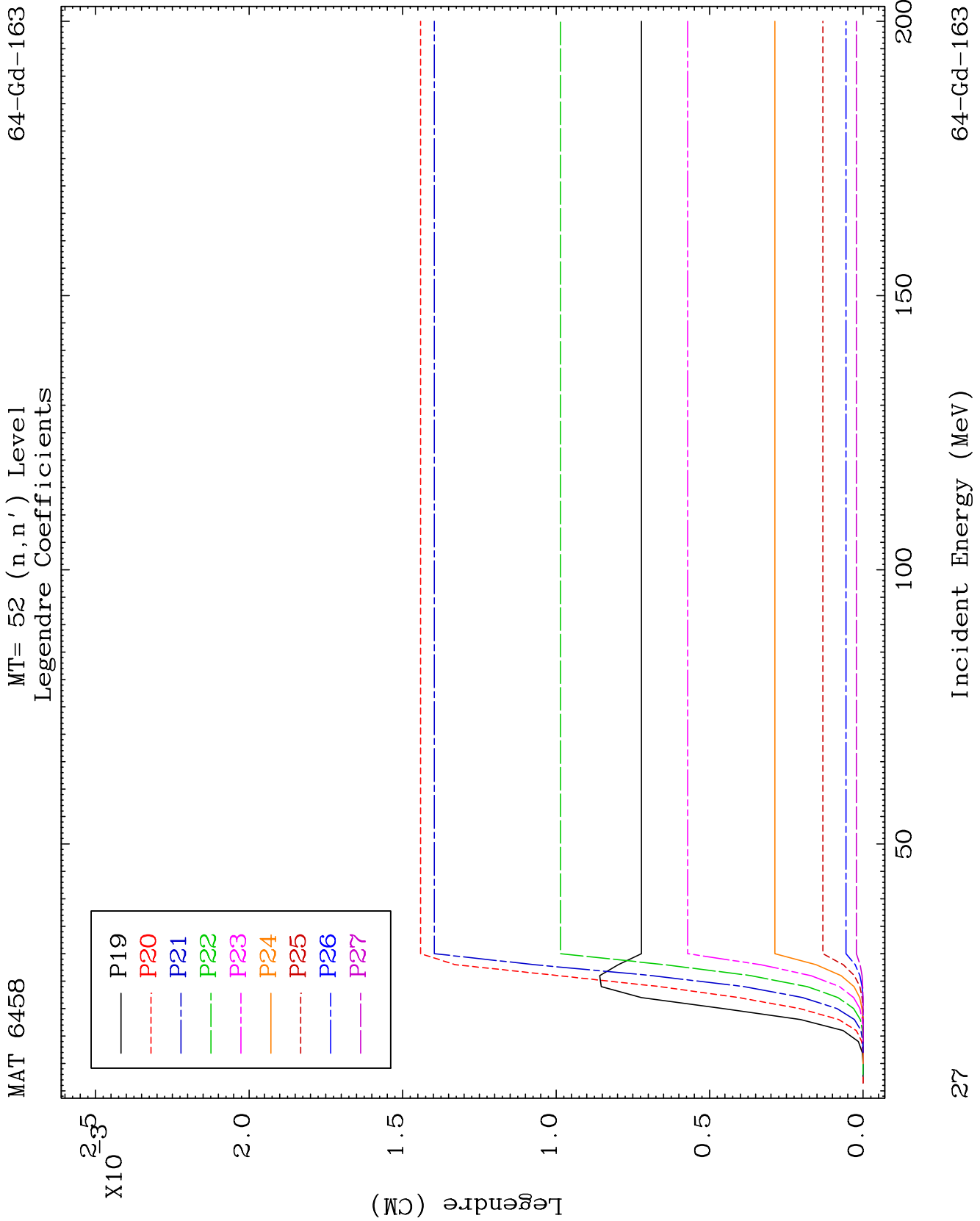
MAT 6458

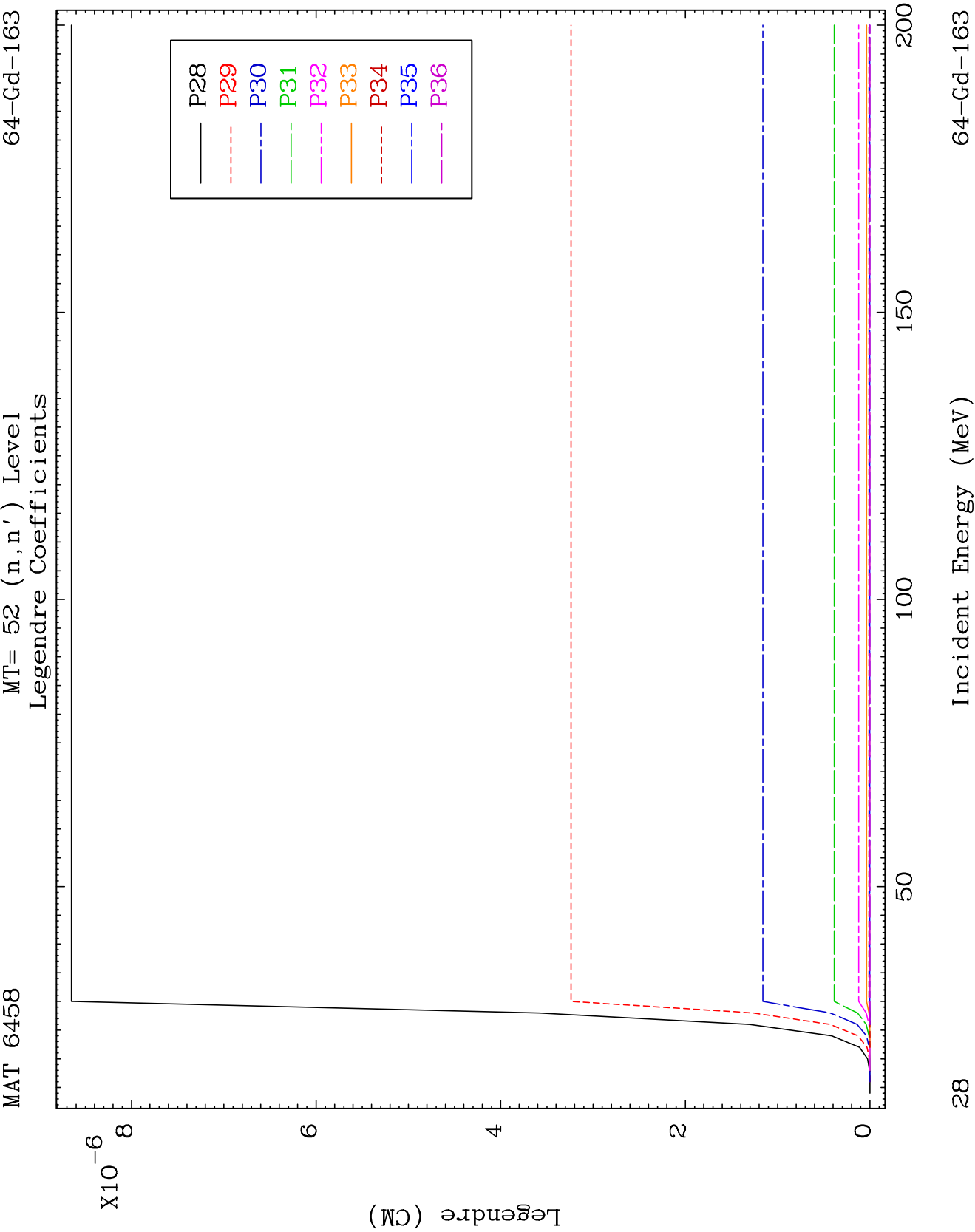
MT= 52 (n, n') Level
Legendre Coefficients

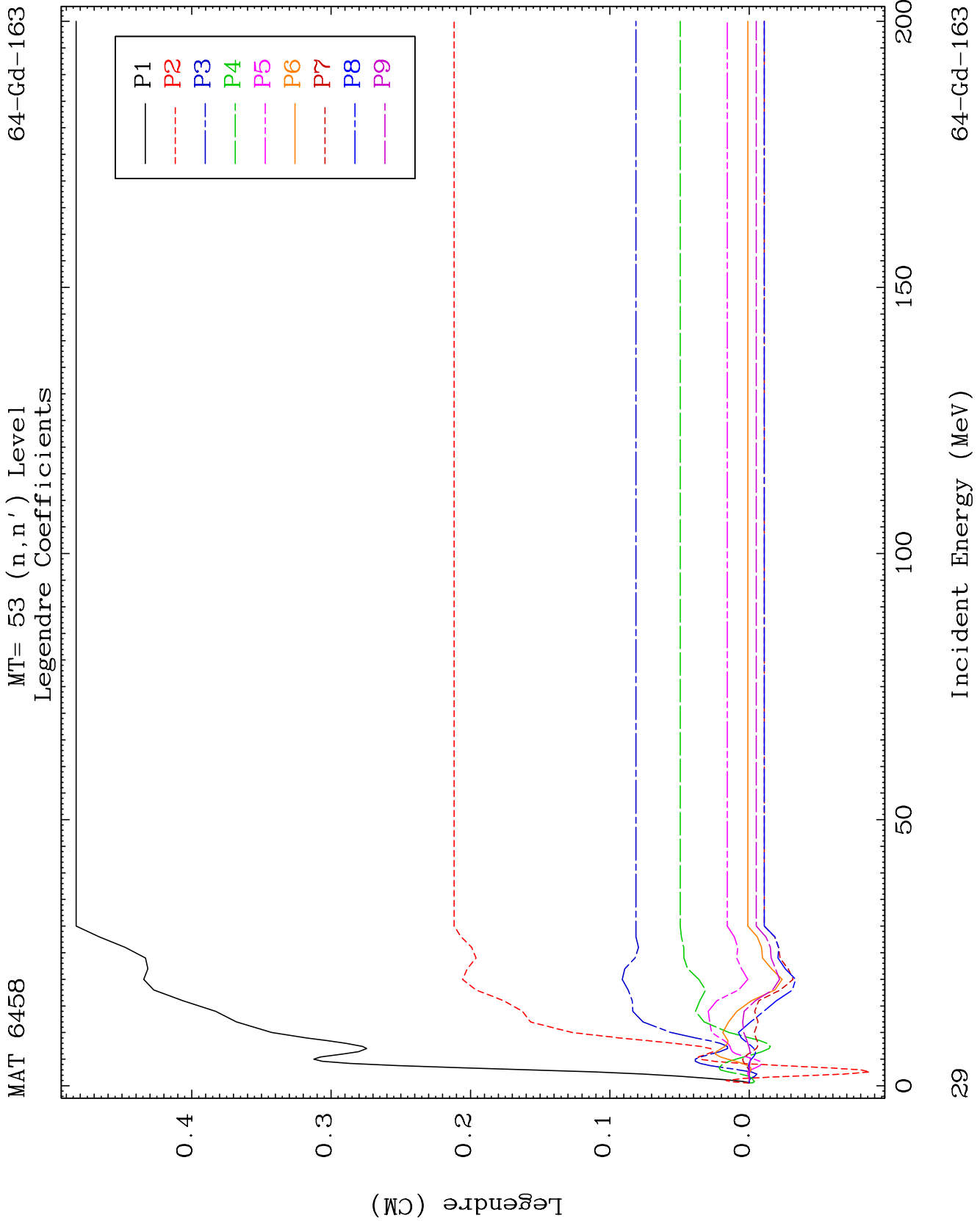
64-Gd-163

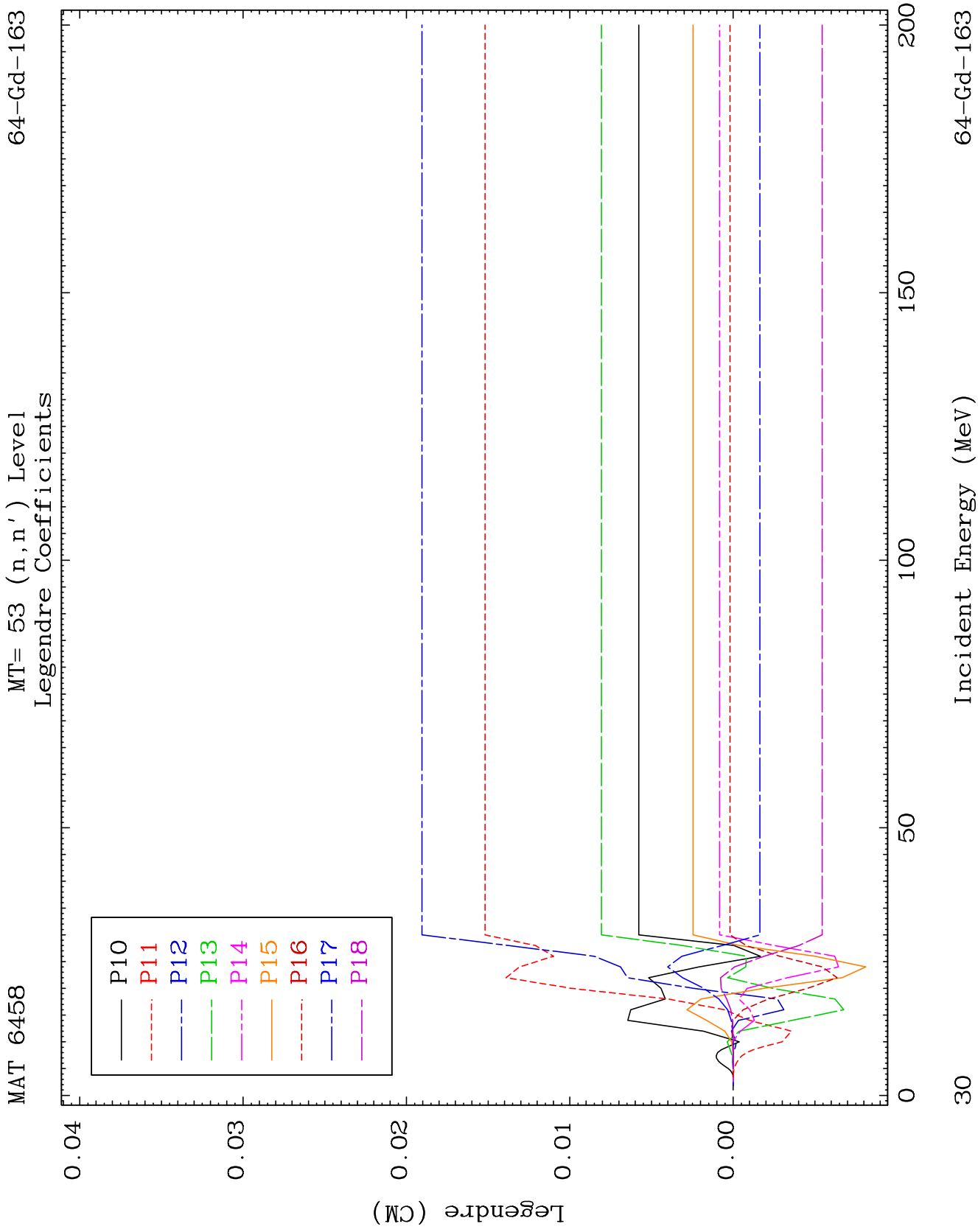


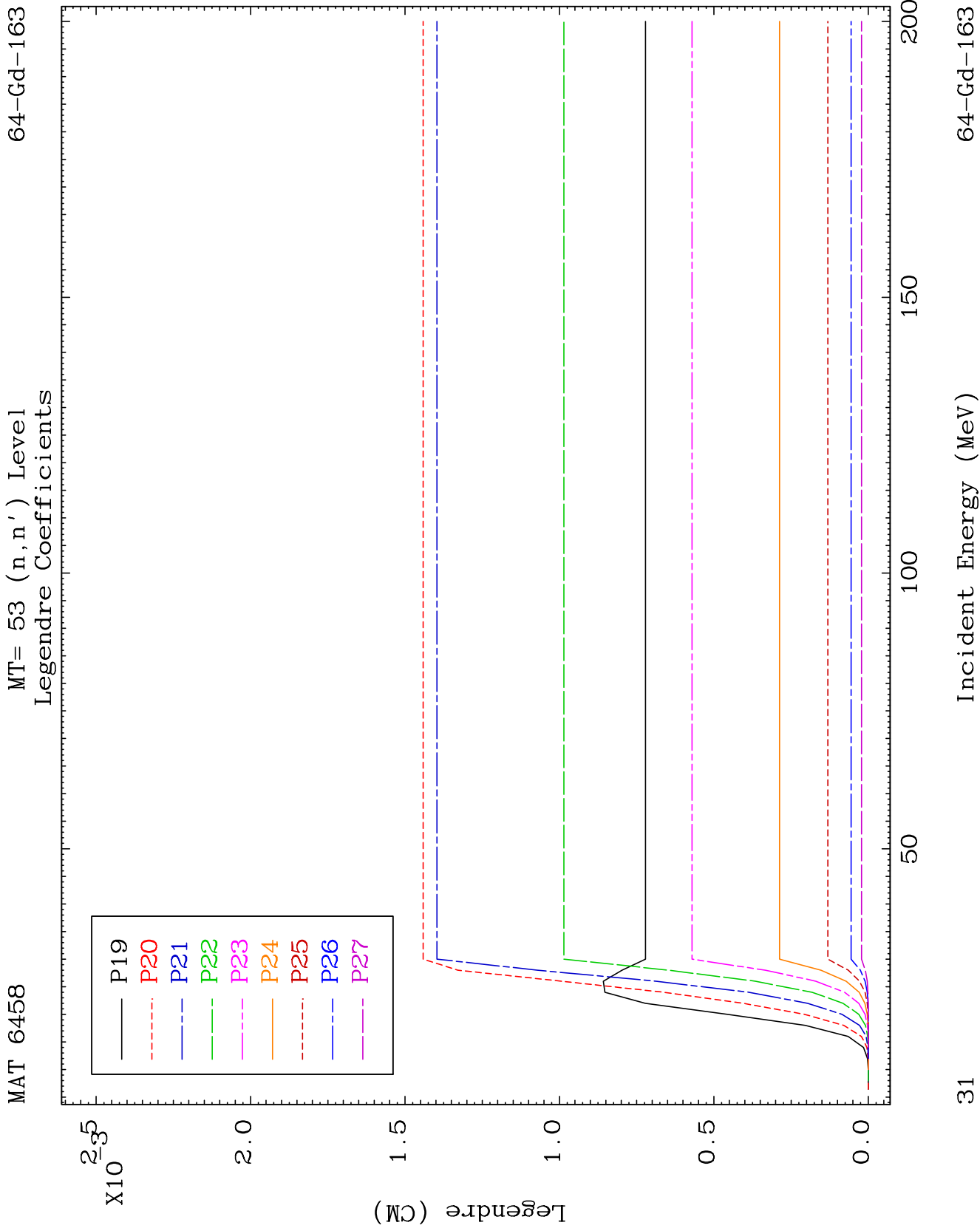


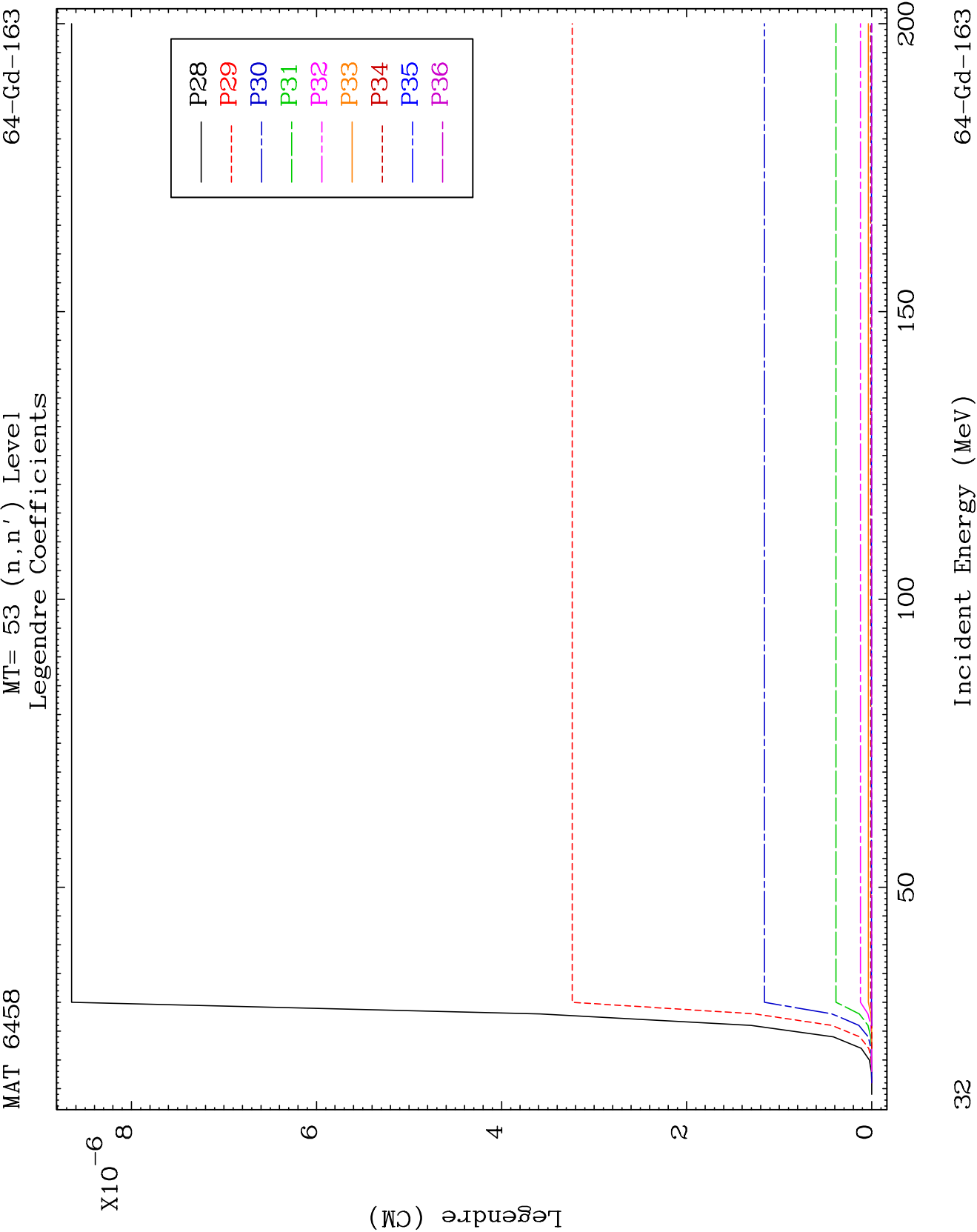


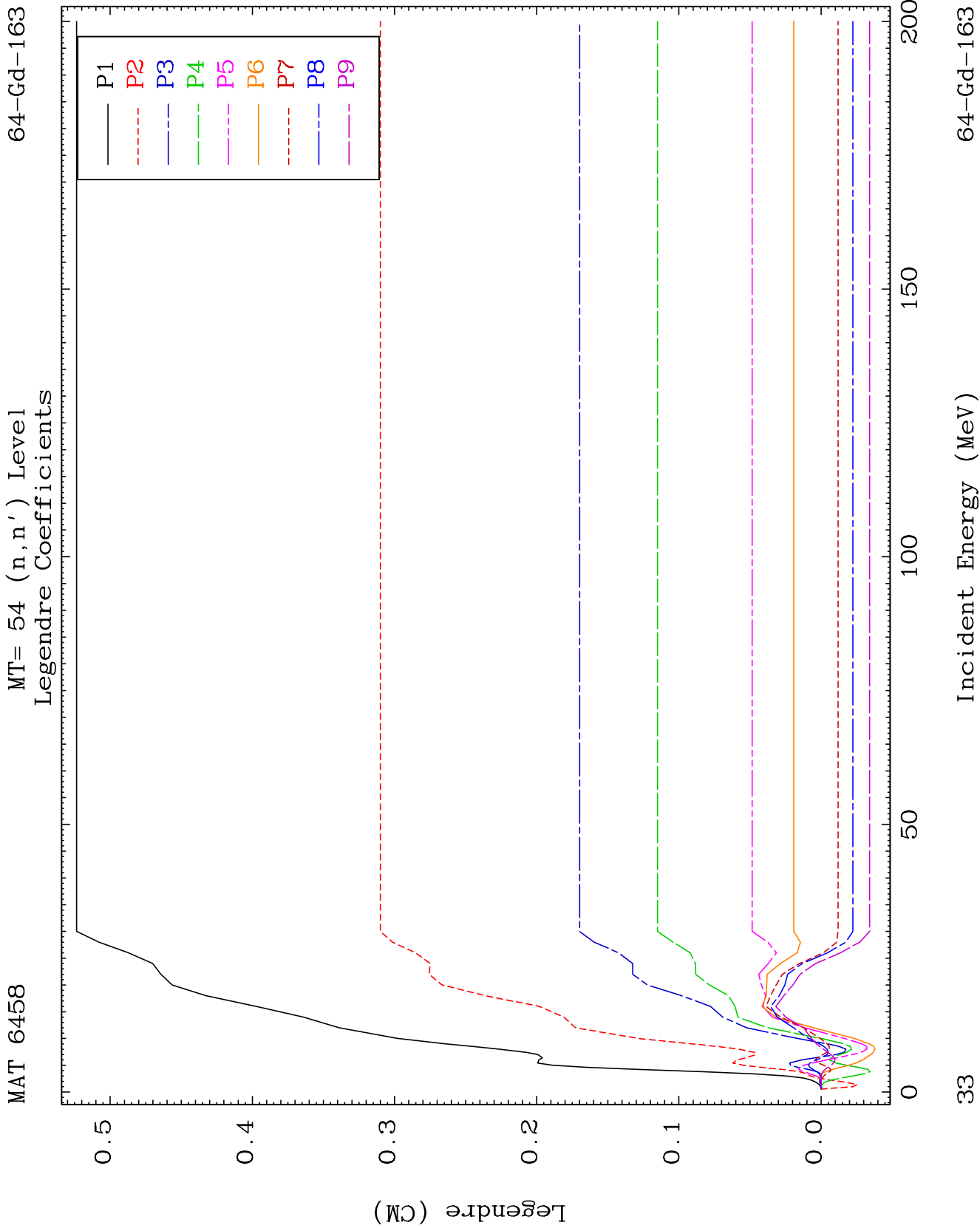








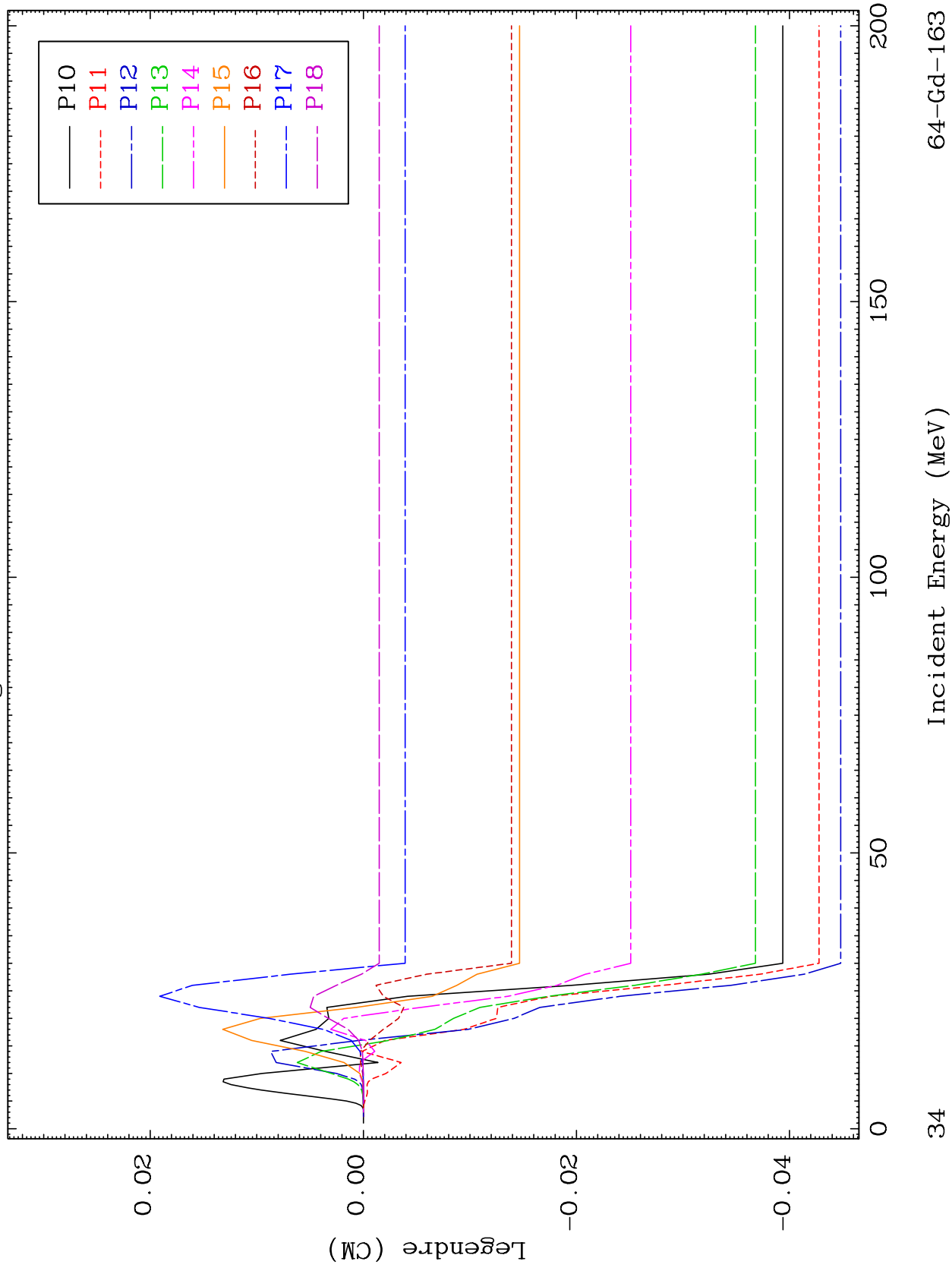


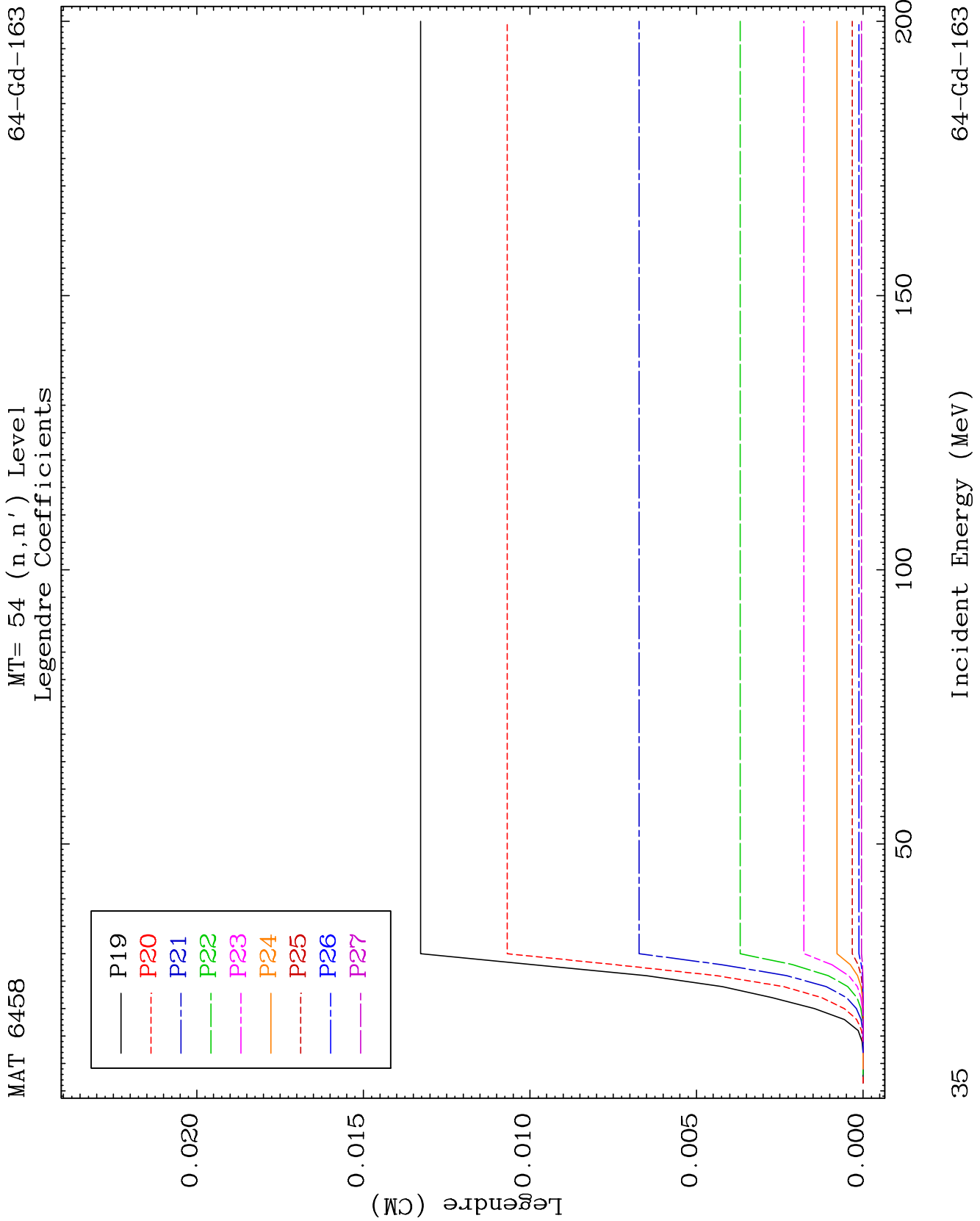


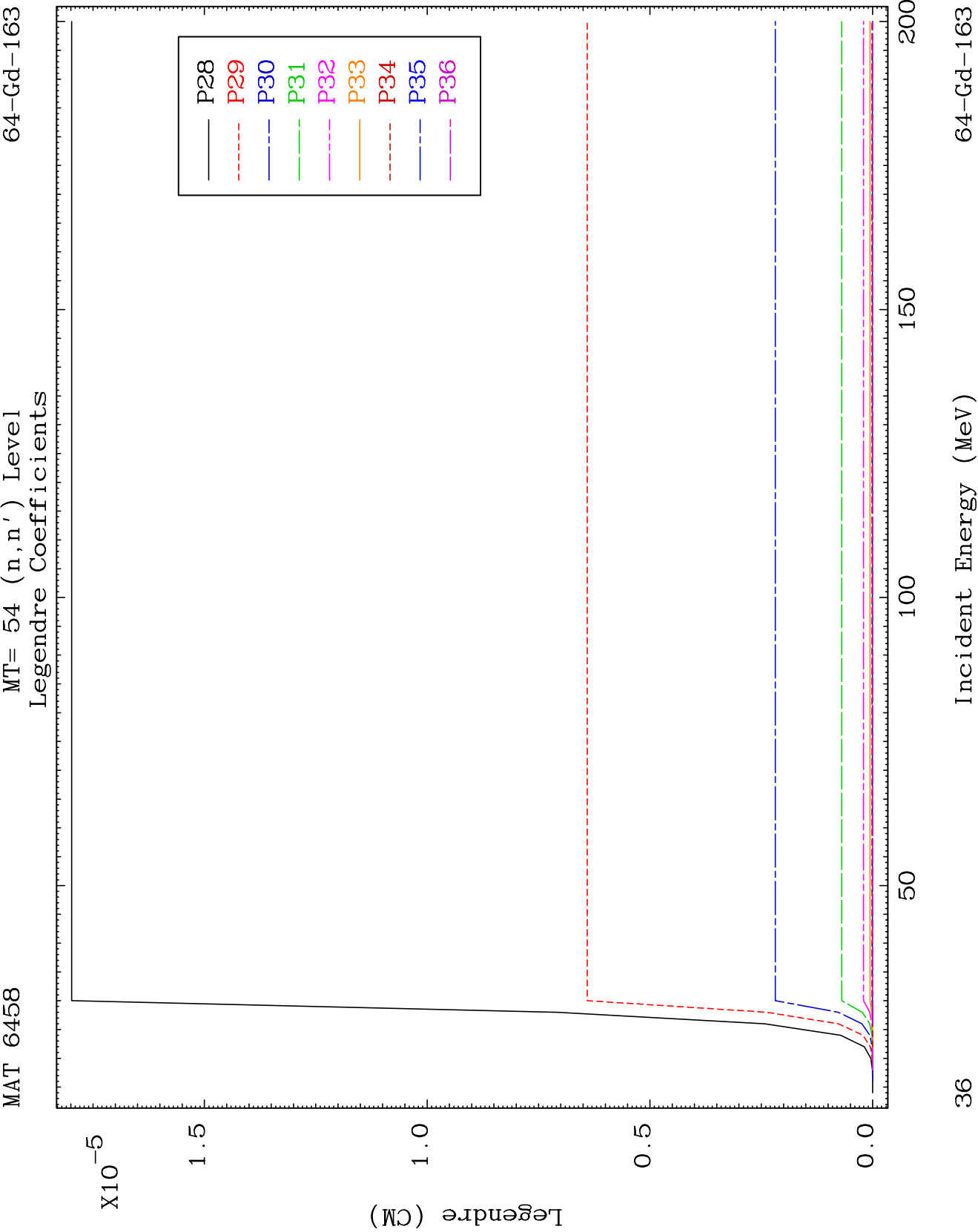
MAT 6458

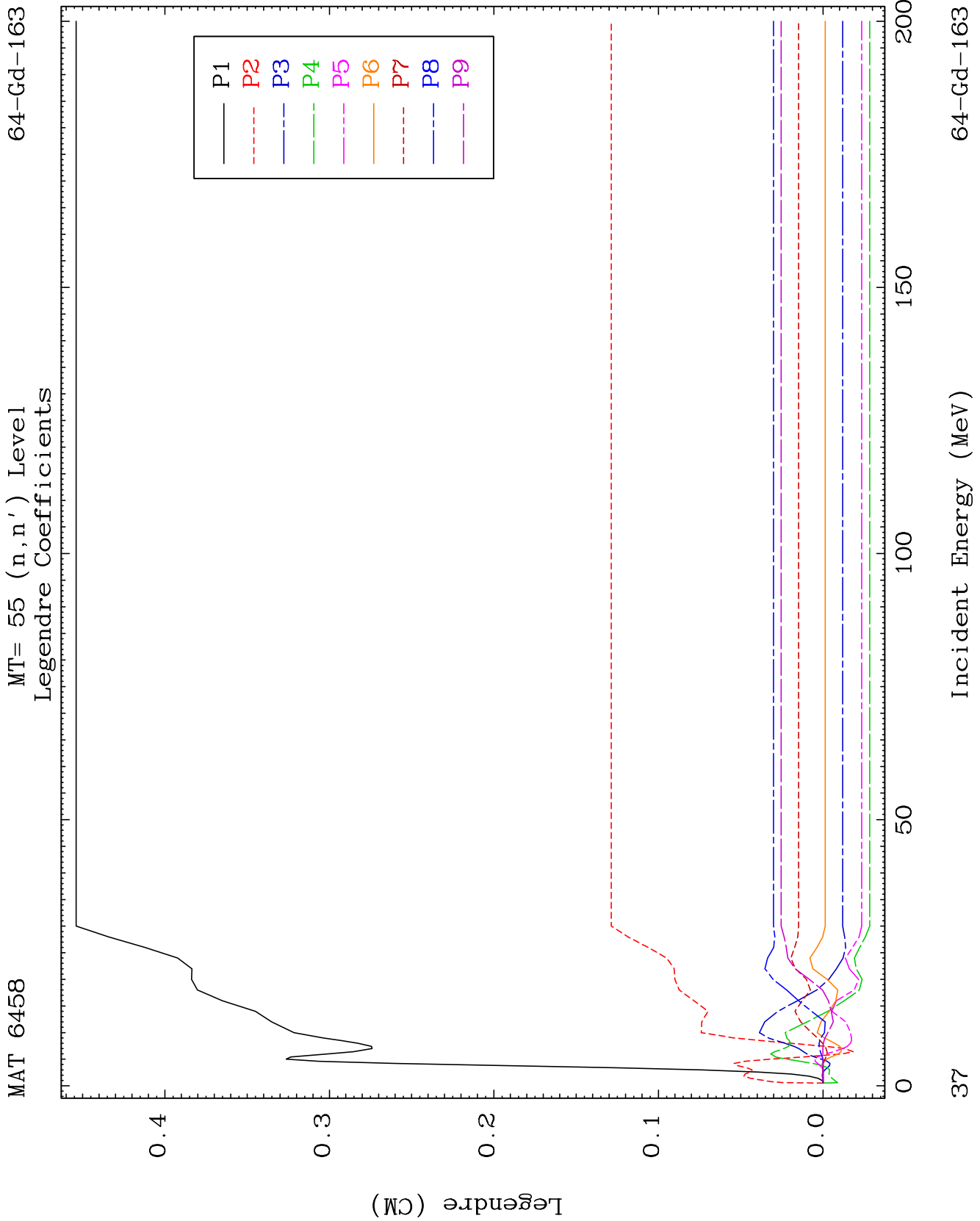
MT= 54 (n, n') Level
Legendre Coefficients

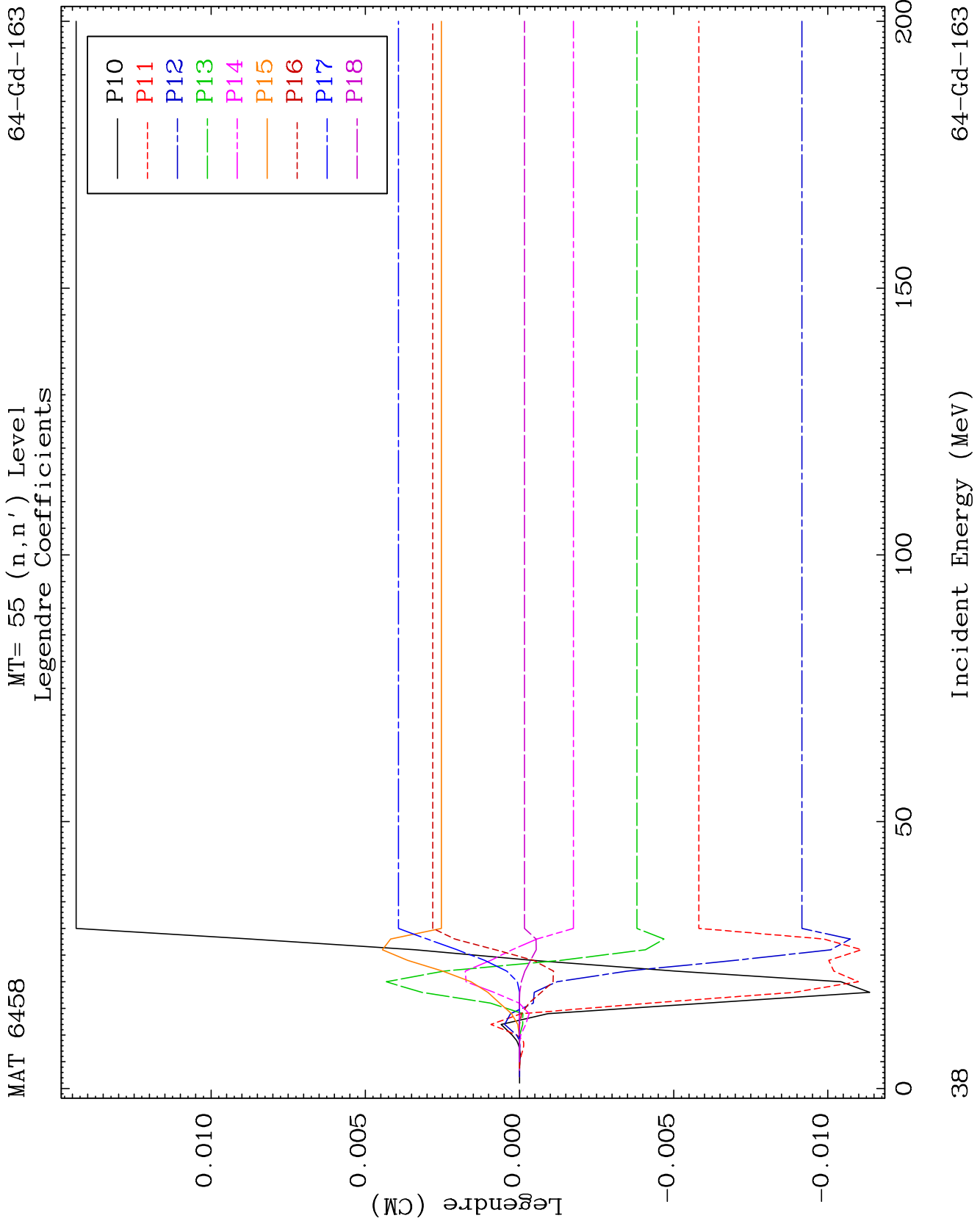
64-Gd-163

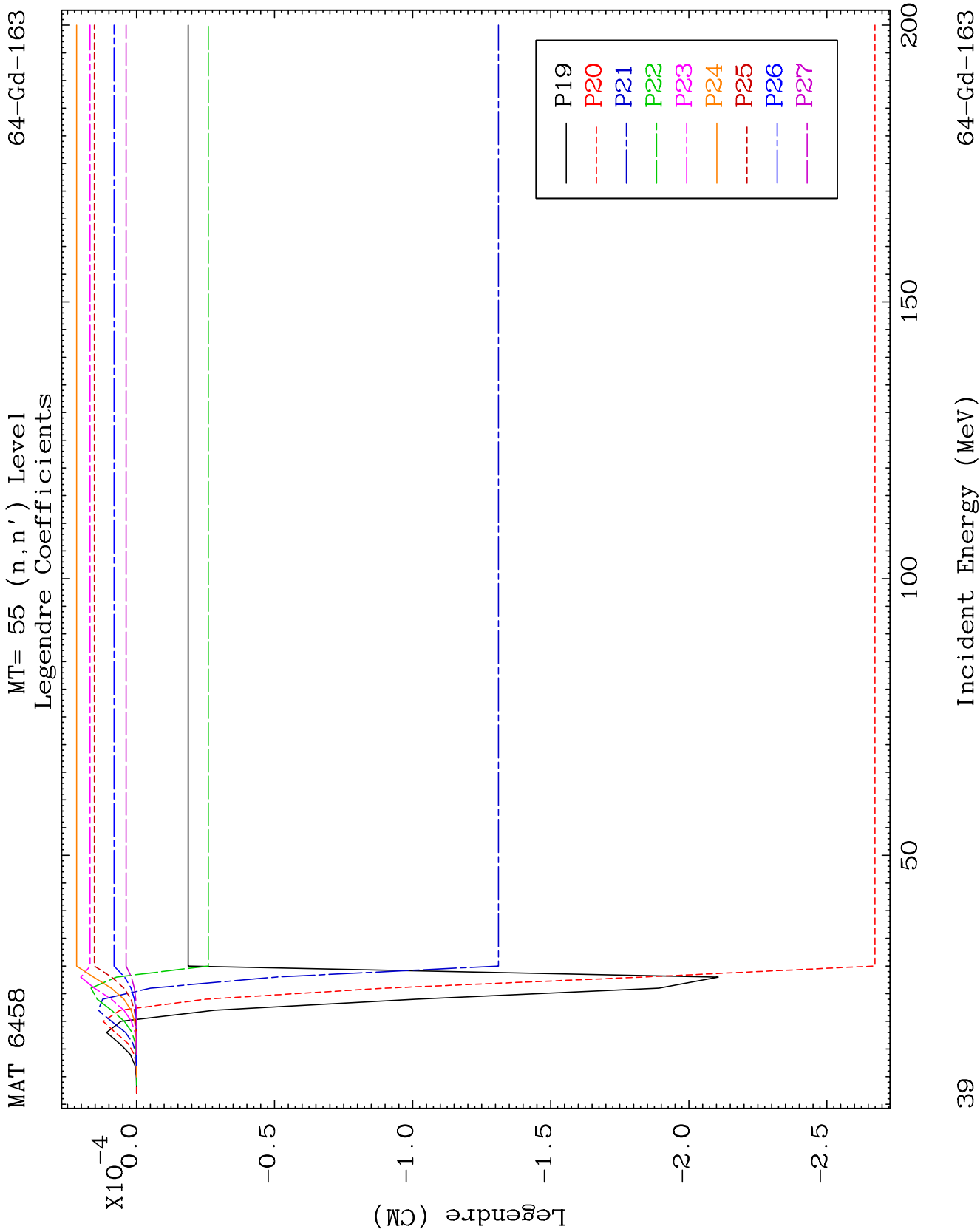


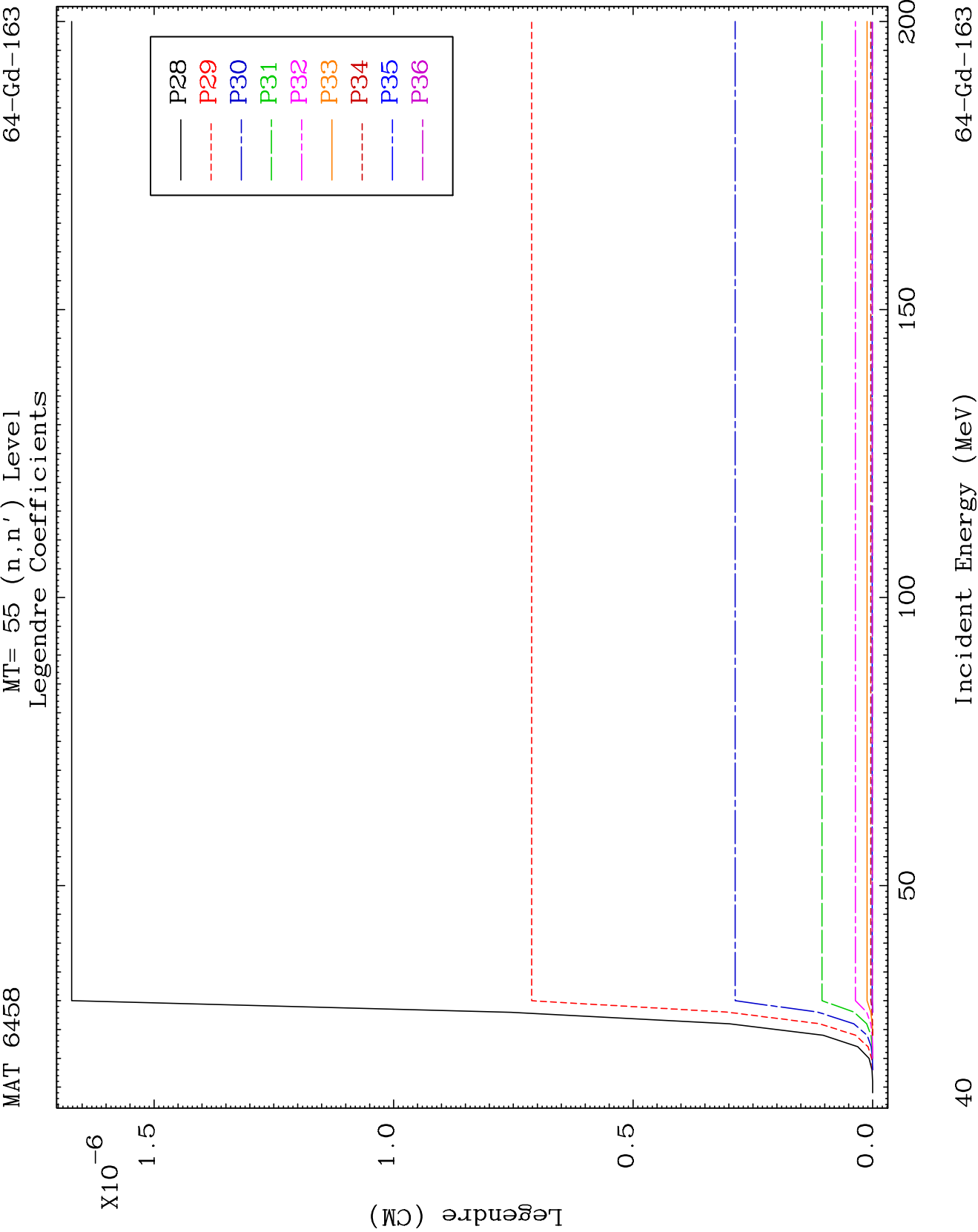








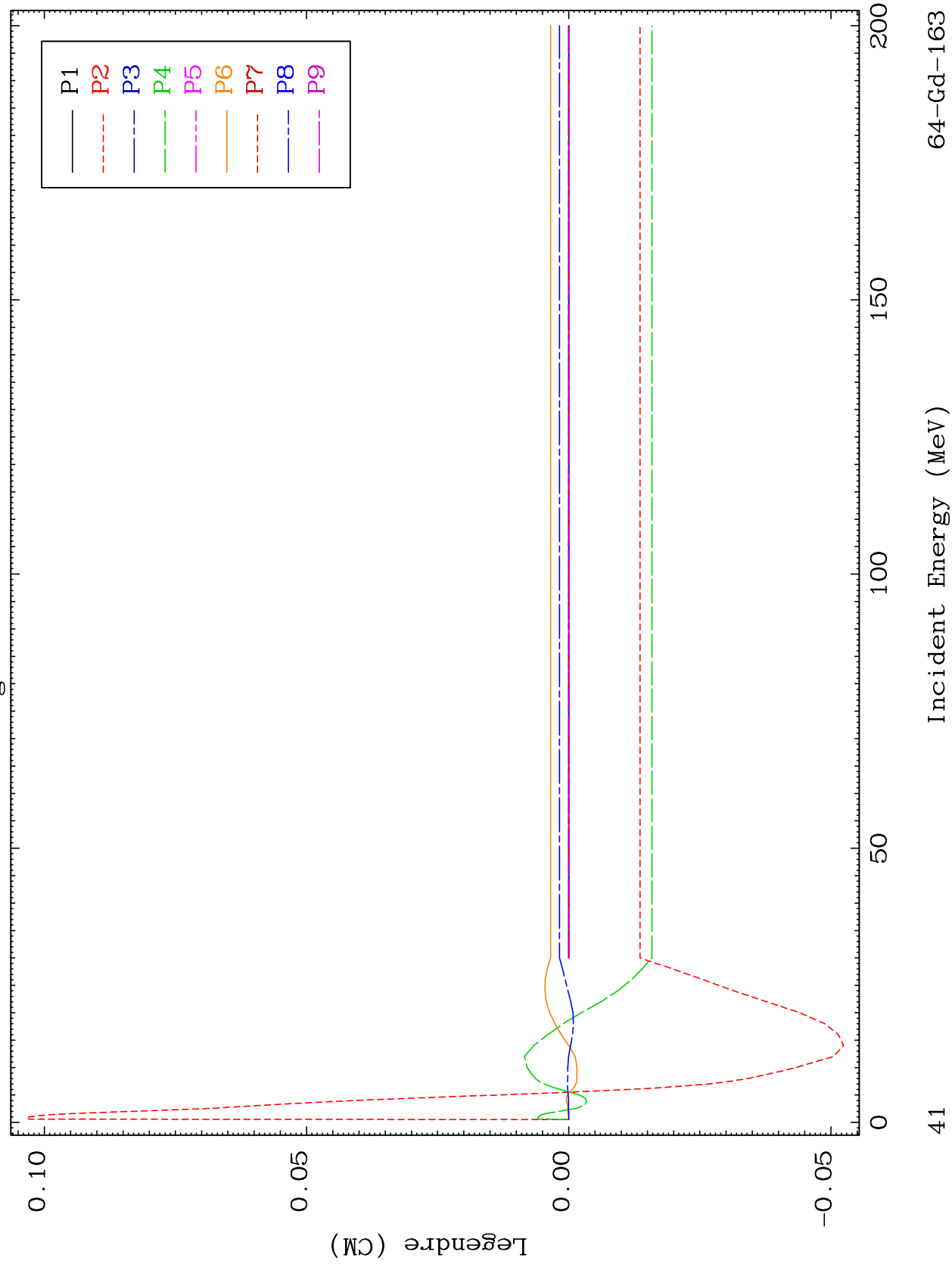


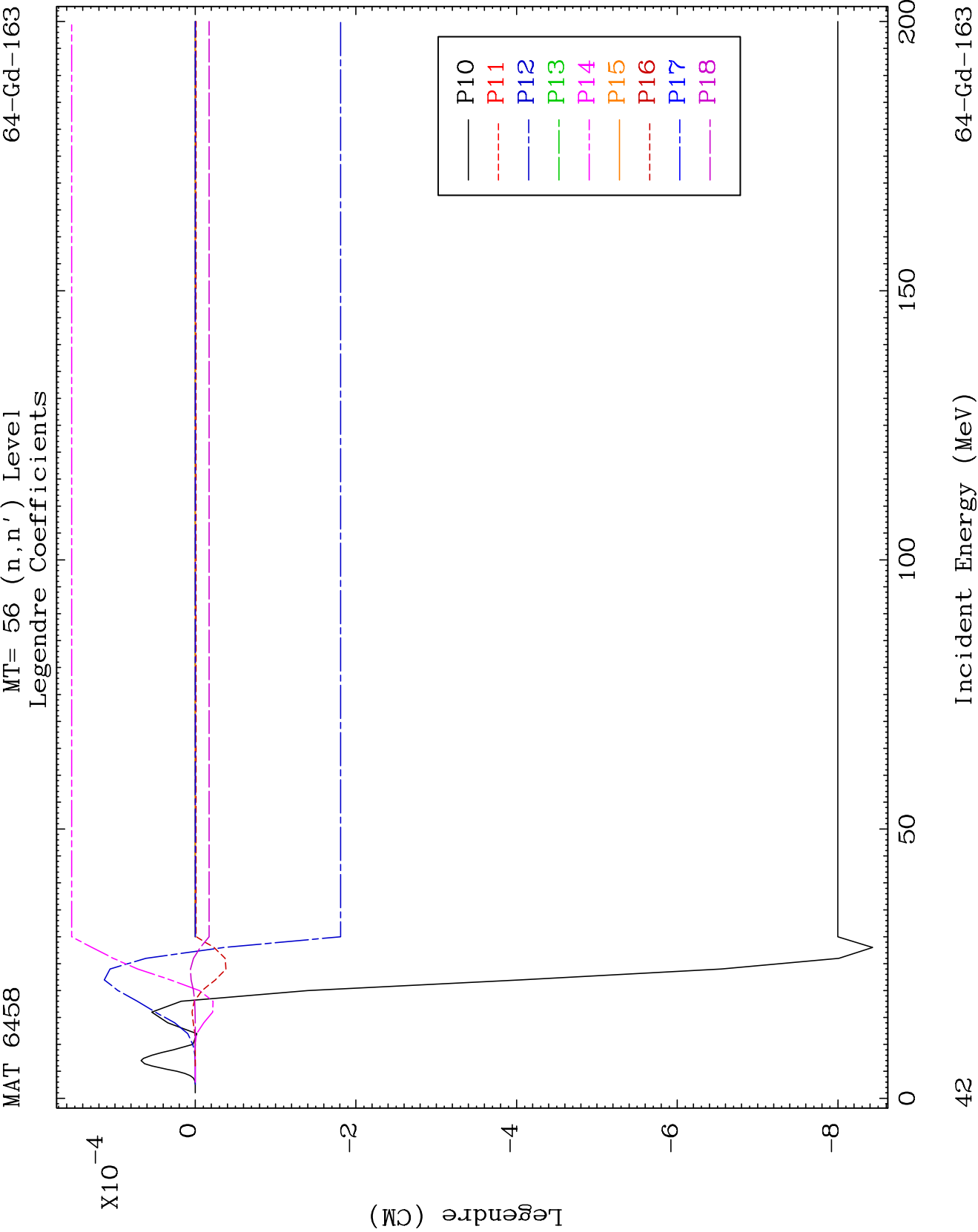


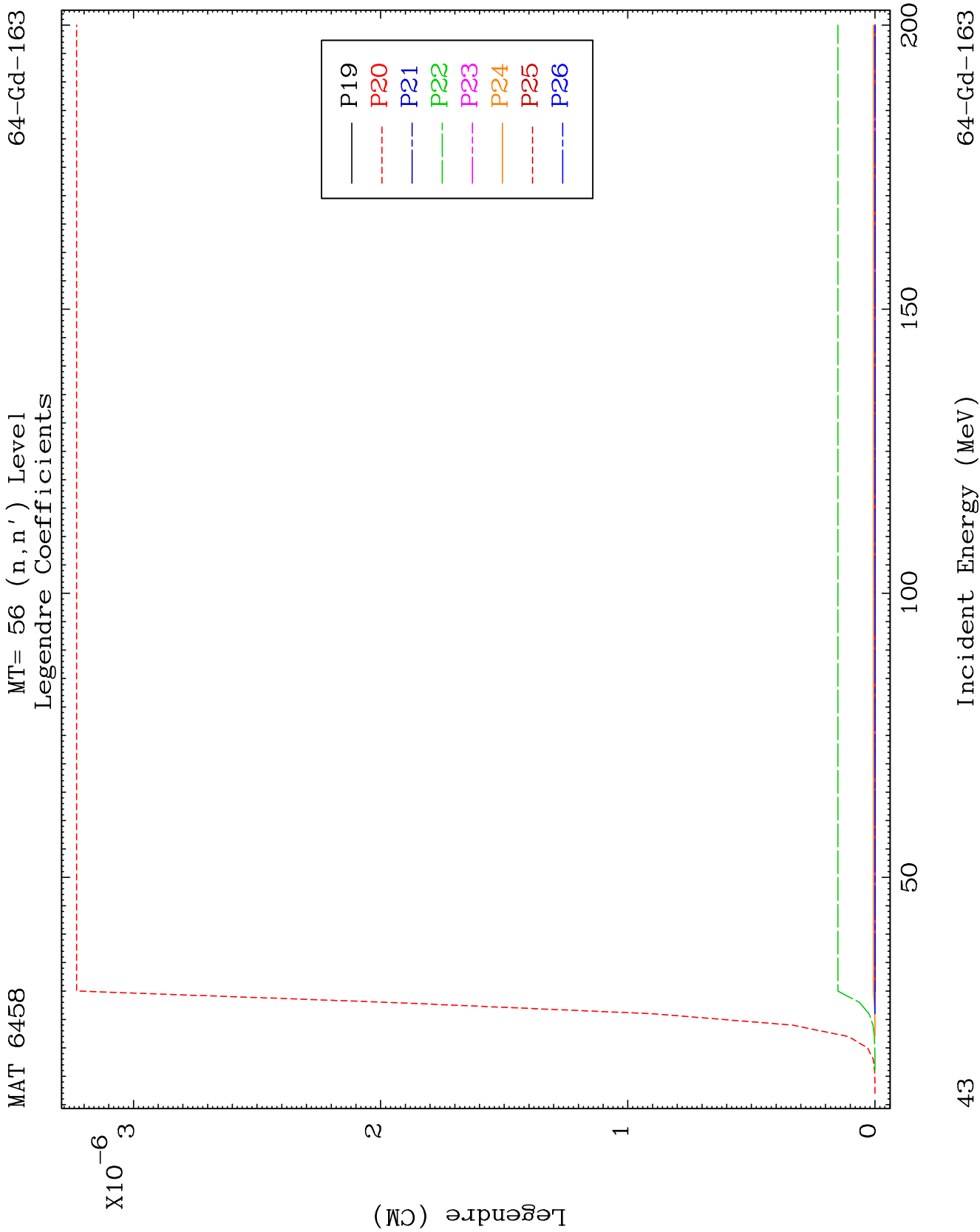
MAT 6458

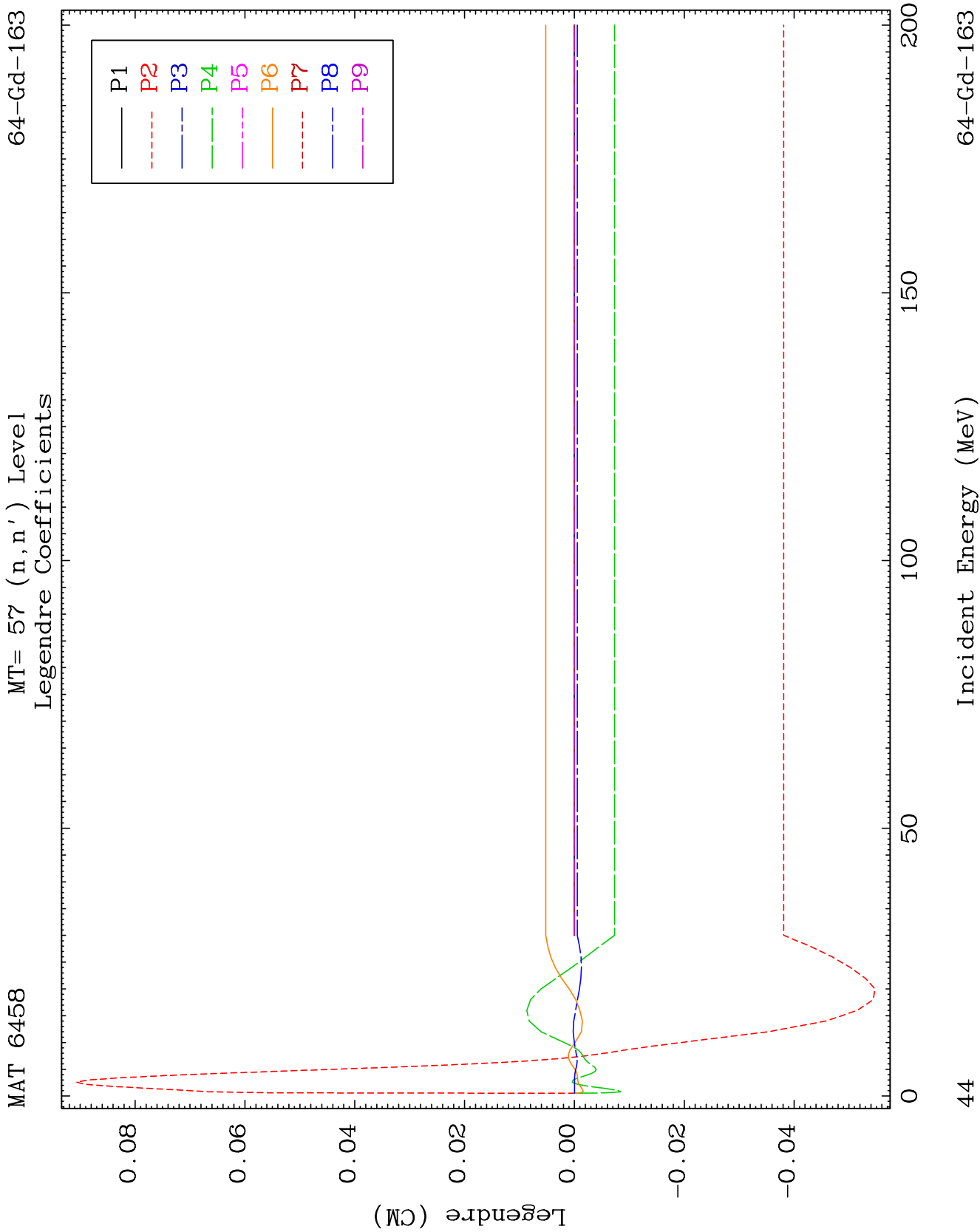
MT= 56 (n, n') Level
Legendre Coefficients

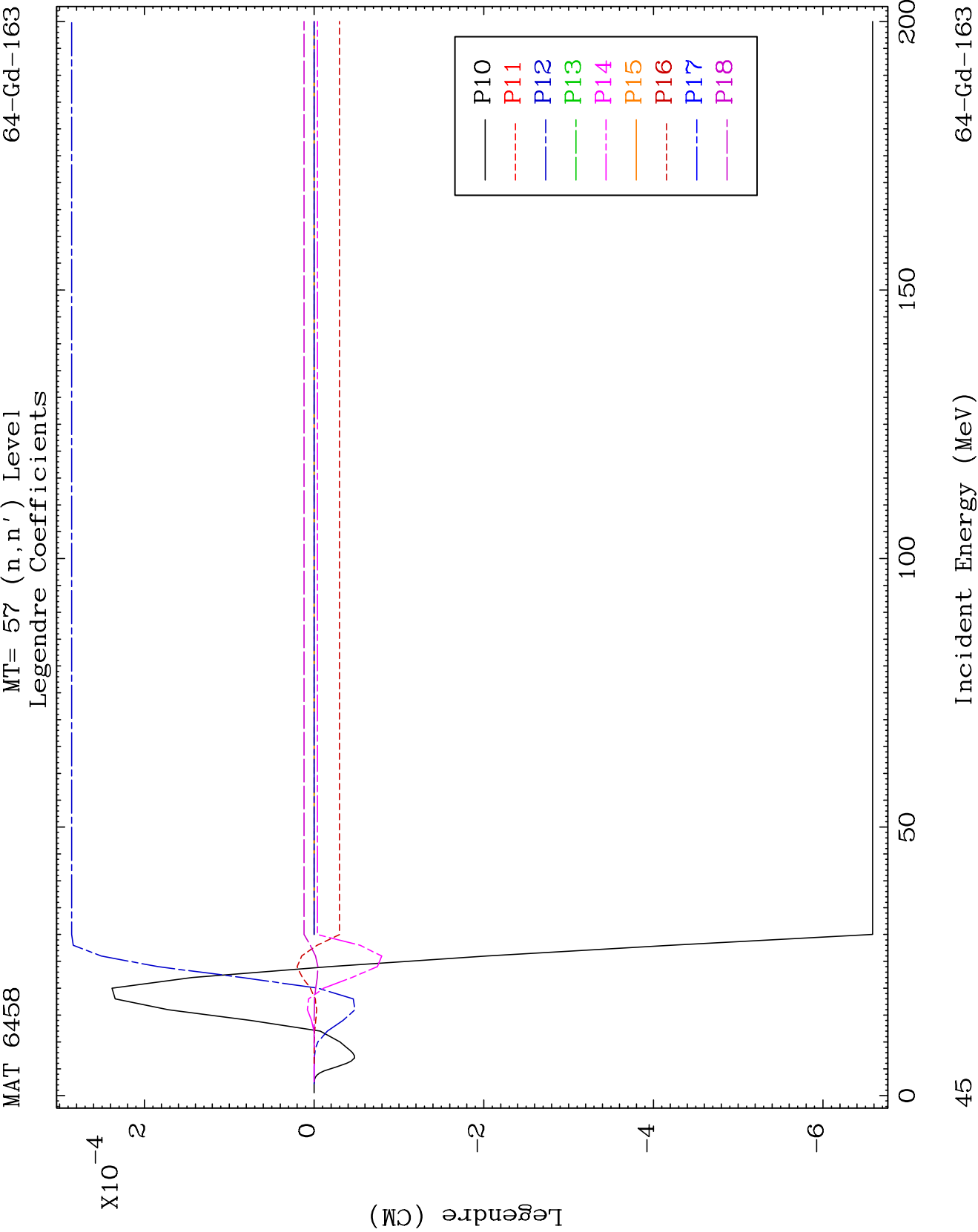
64-Gd-163

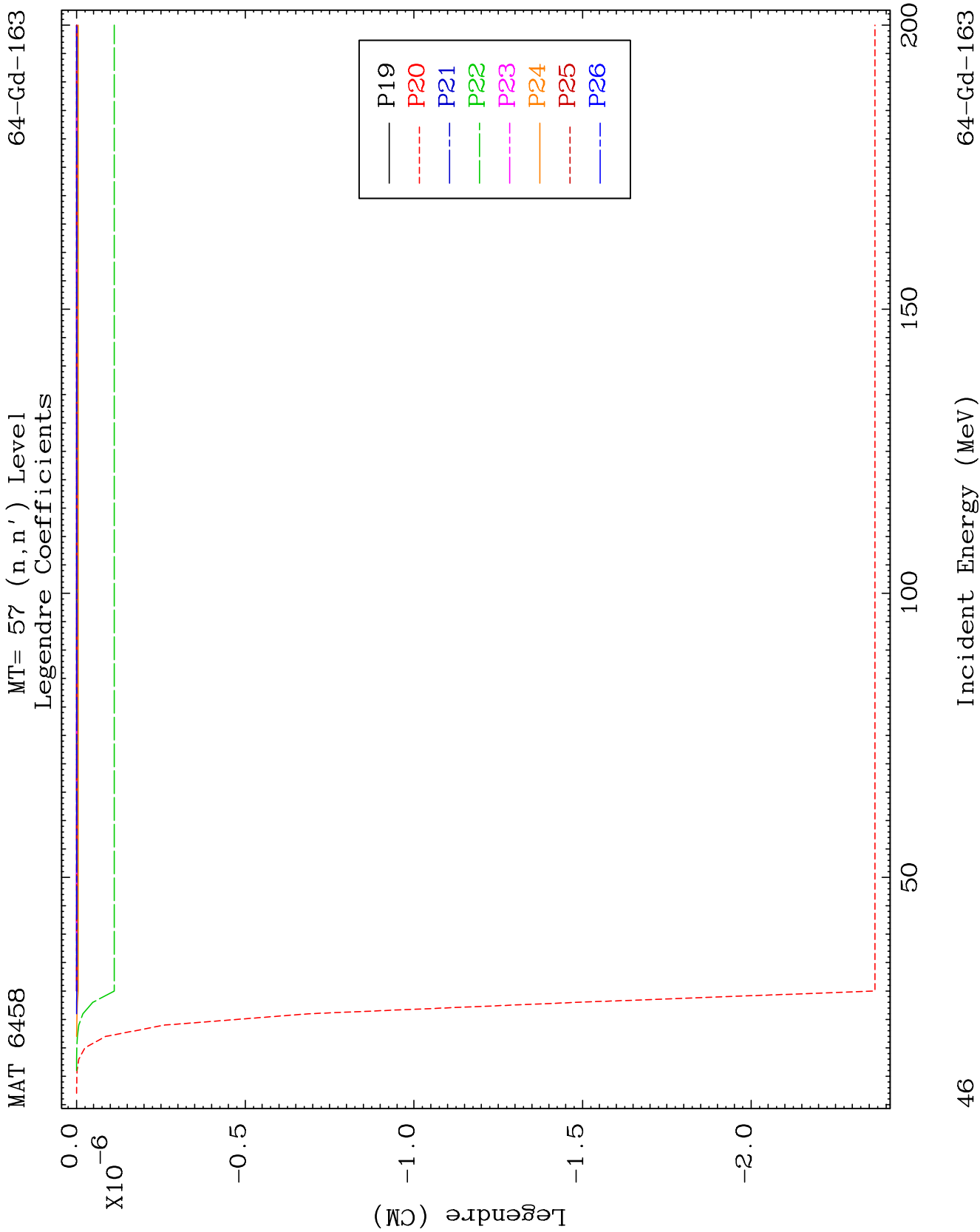


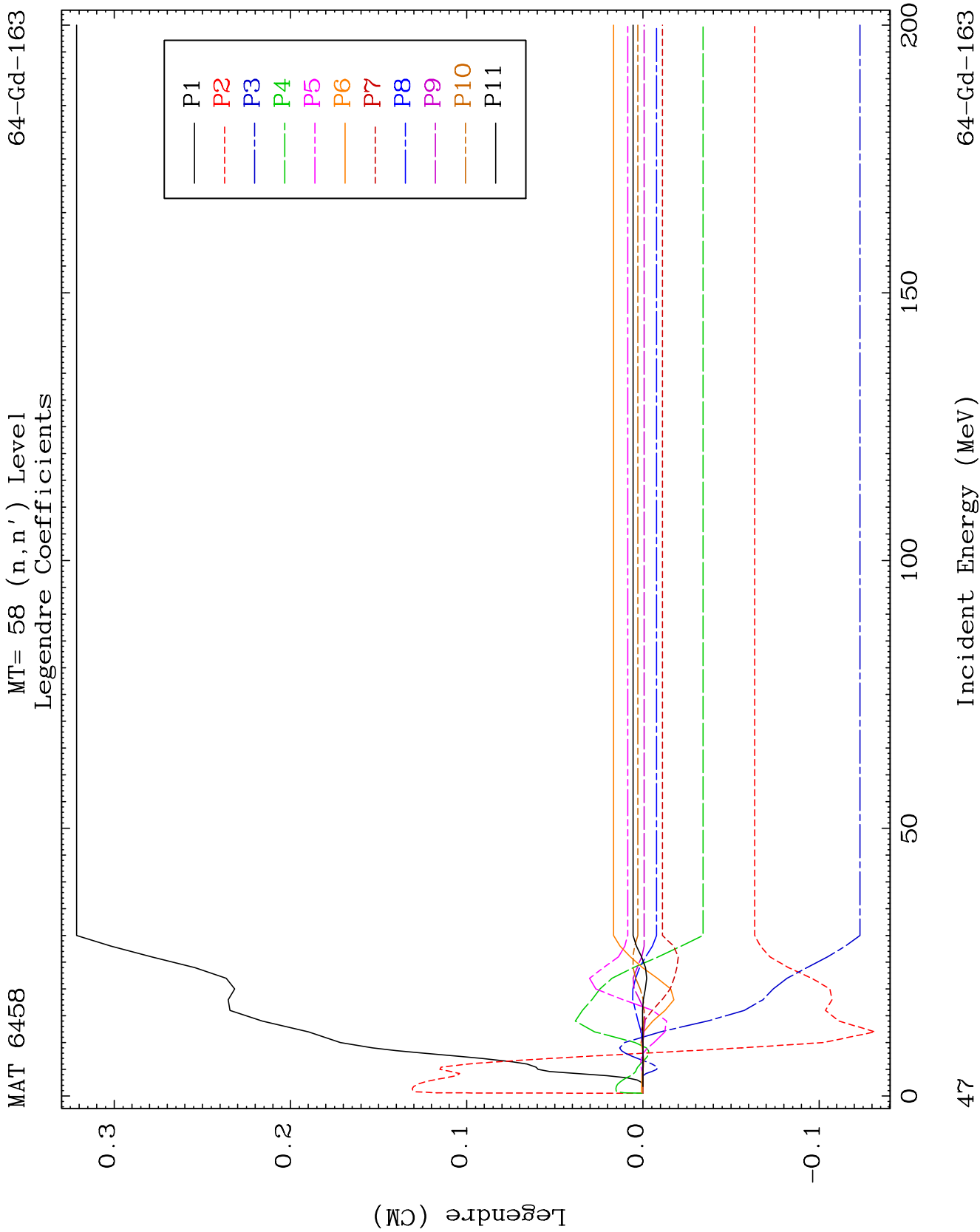


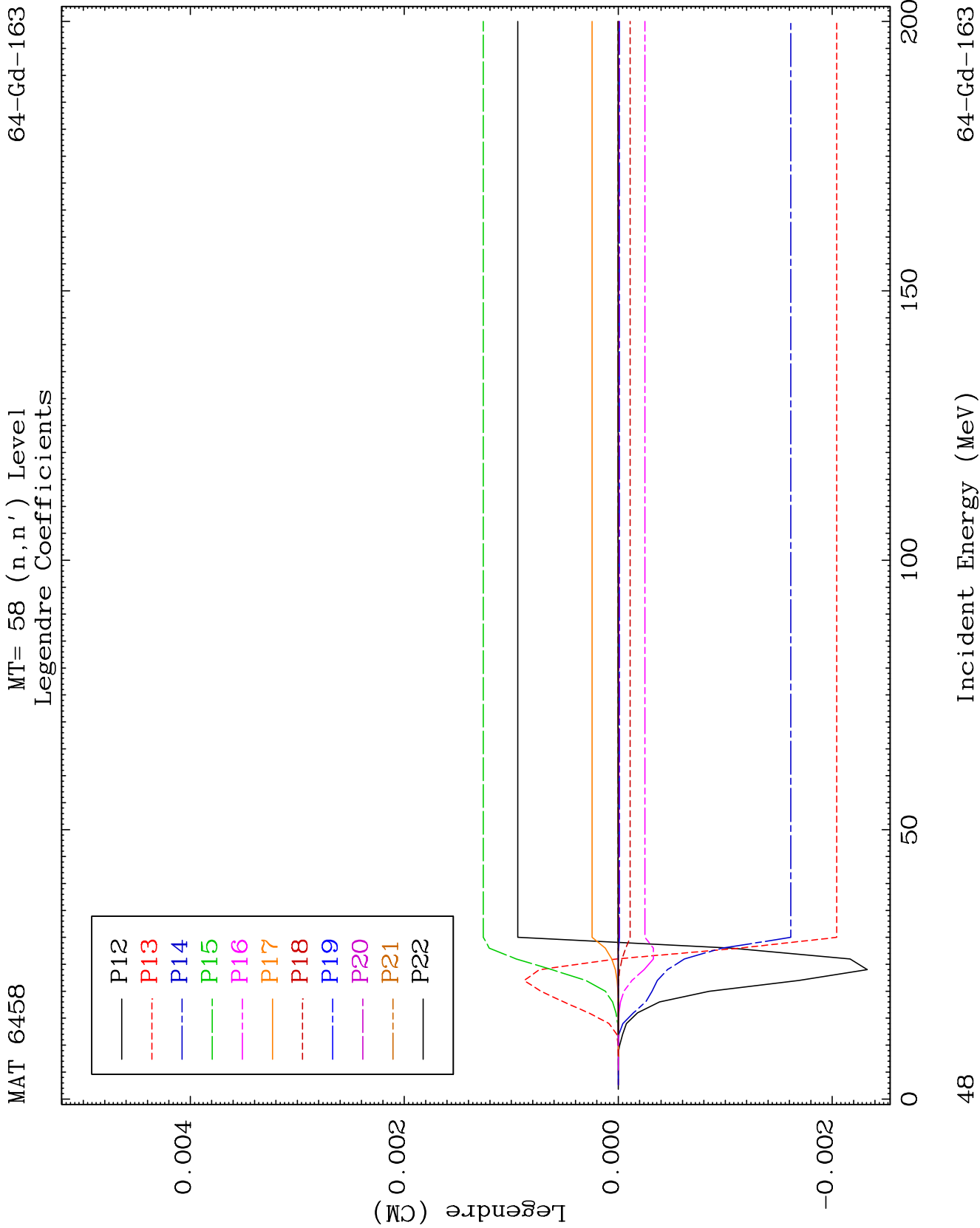


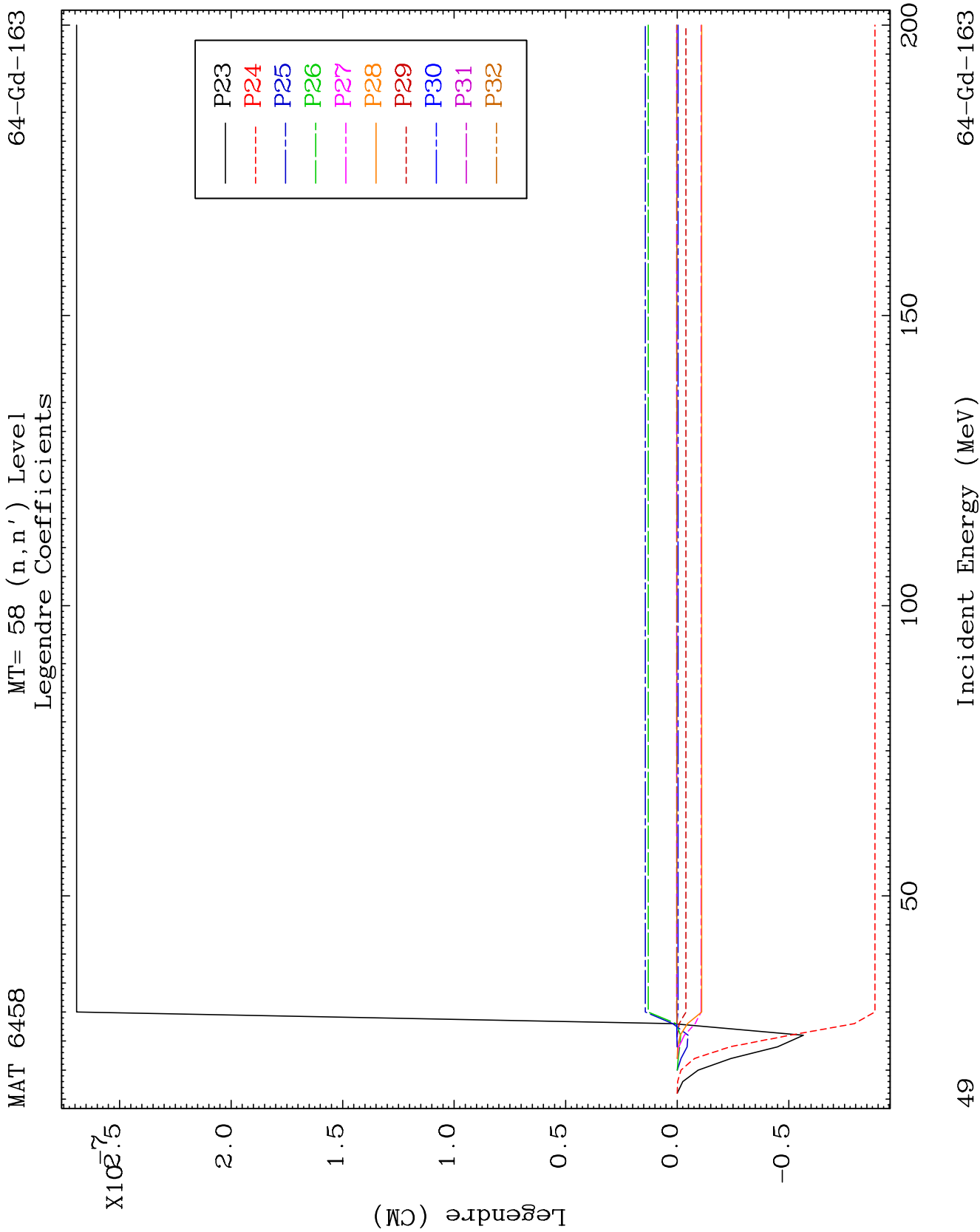








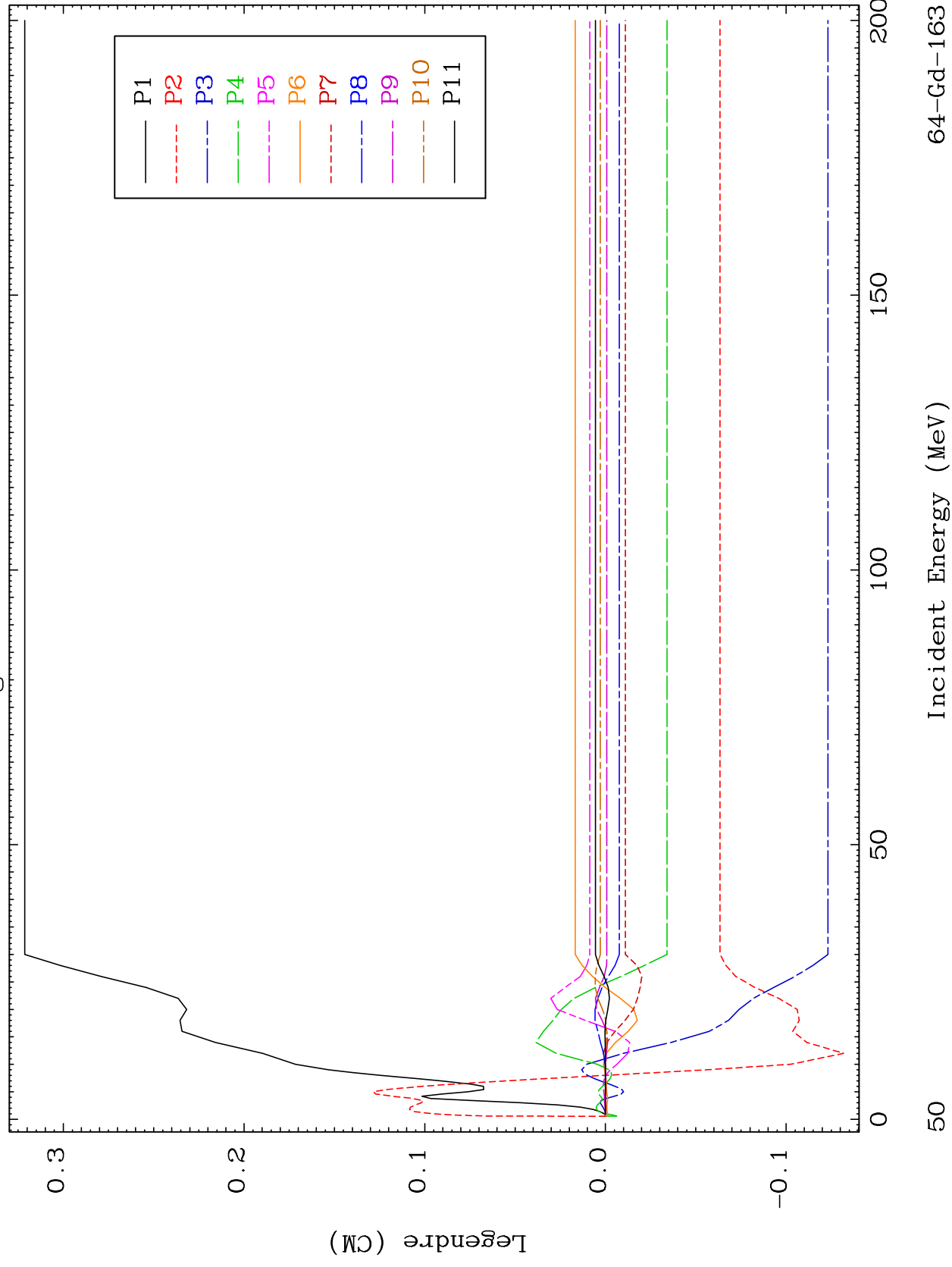


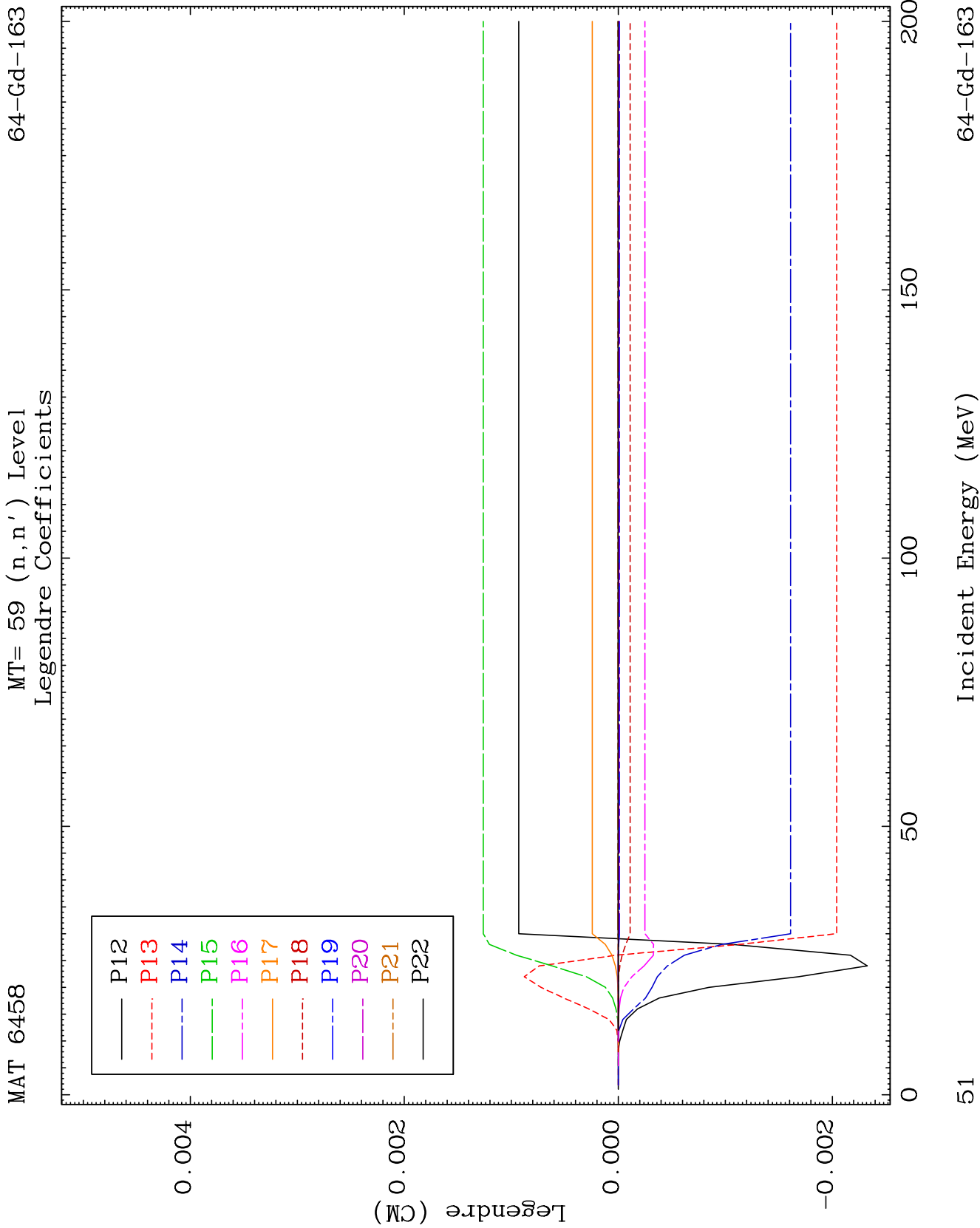


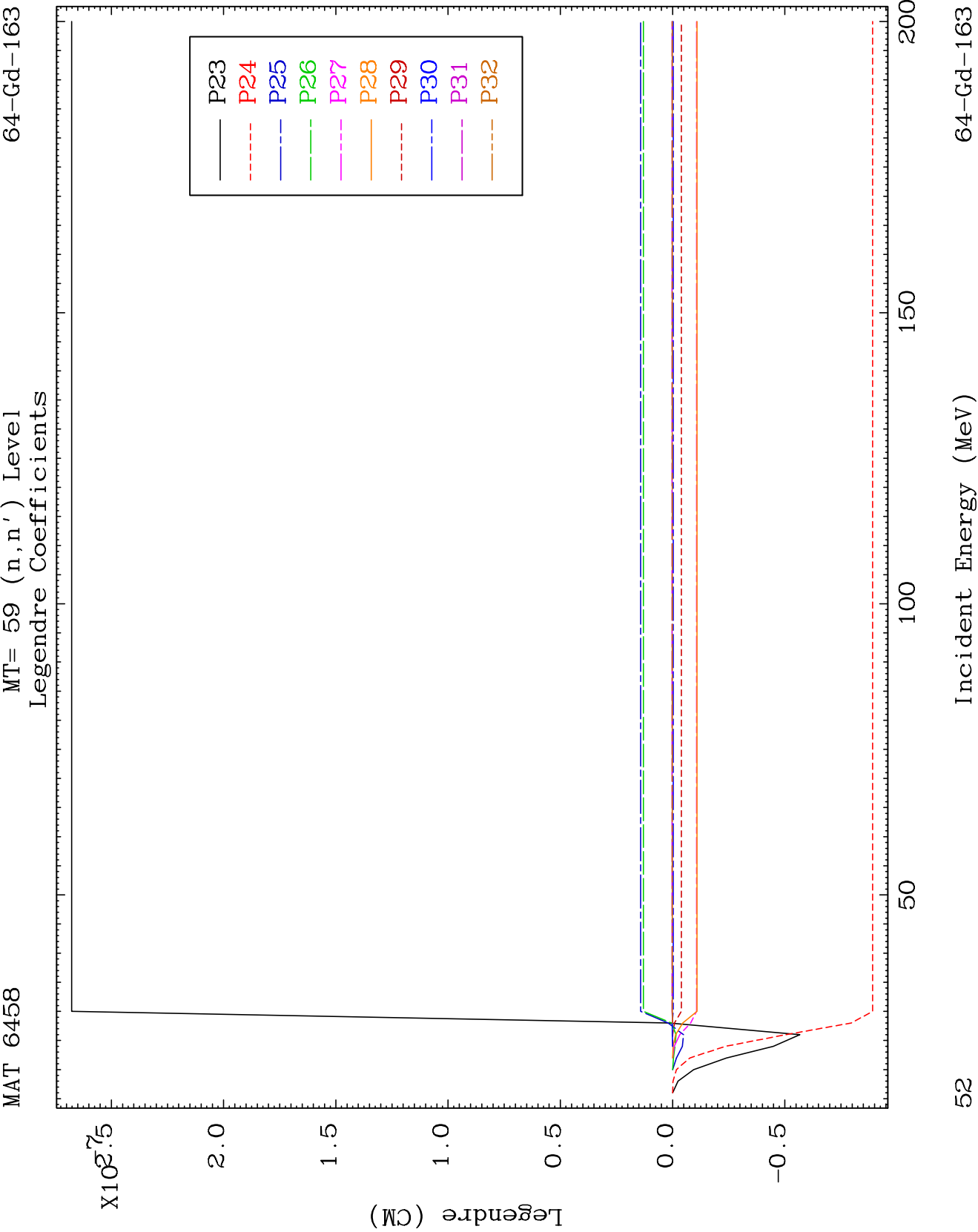
MAT 6458

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

64-Gd-163



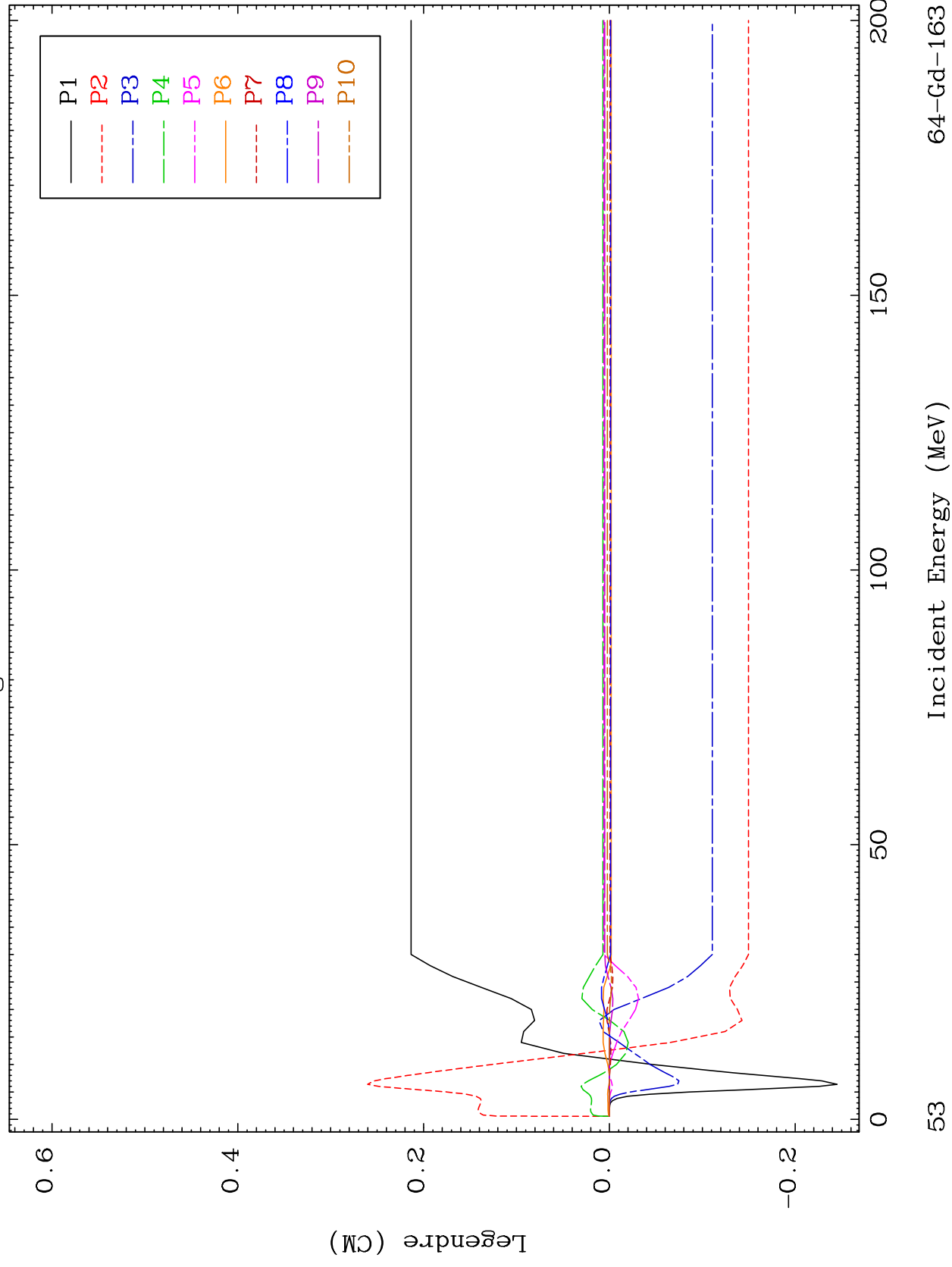


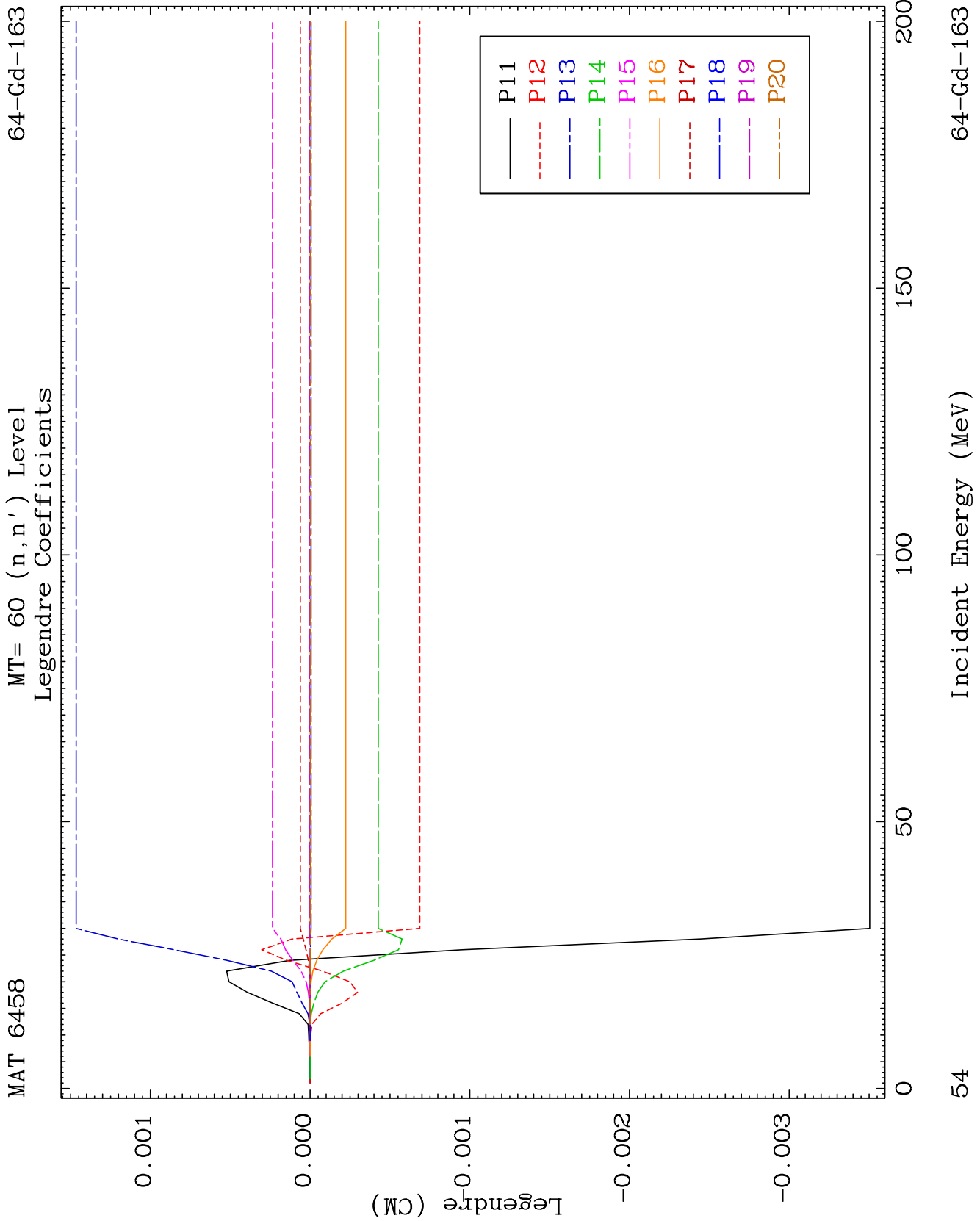


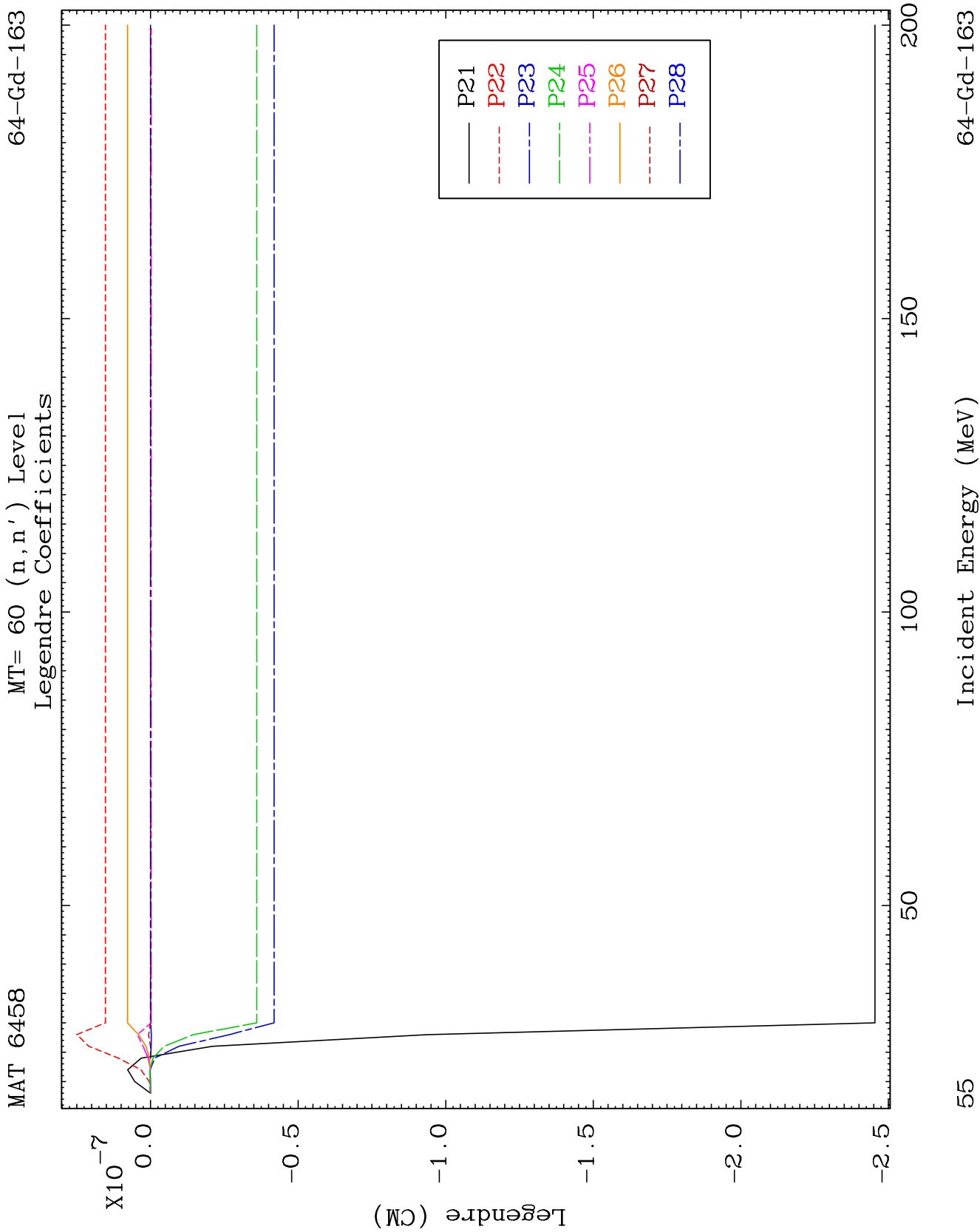
MAT 6458

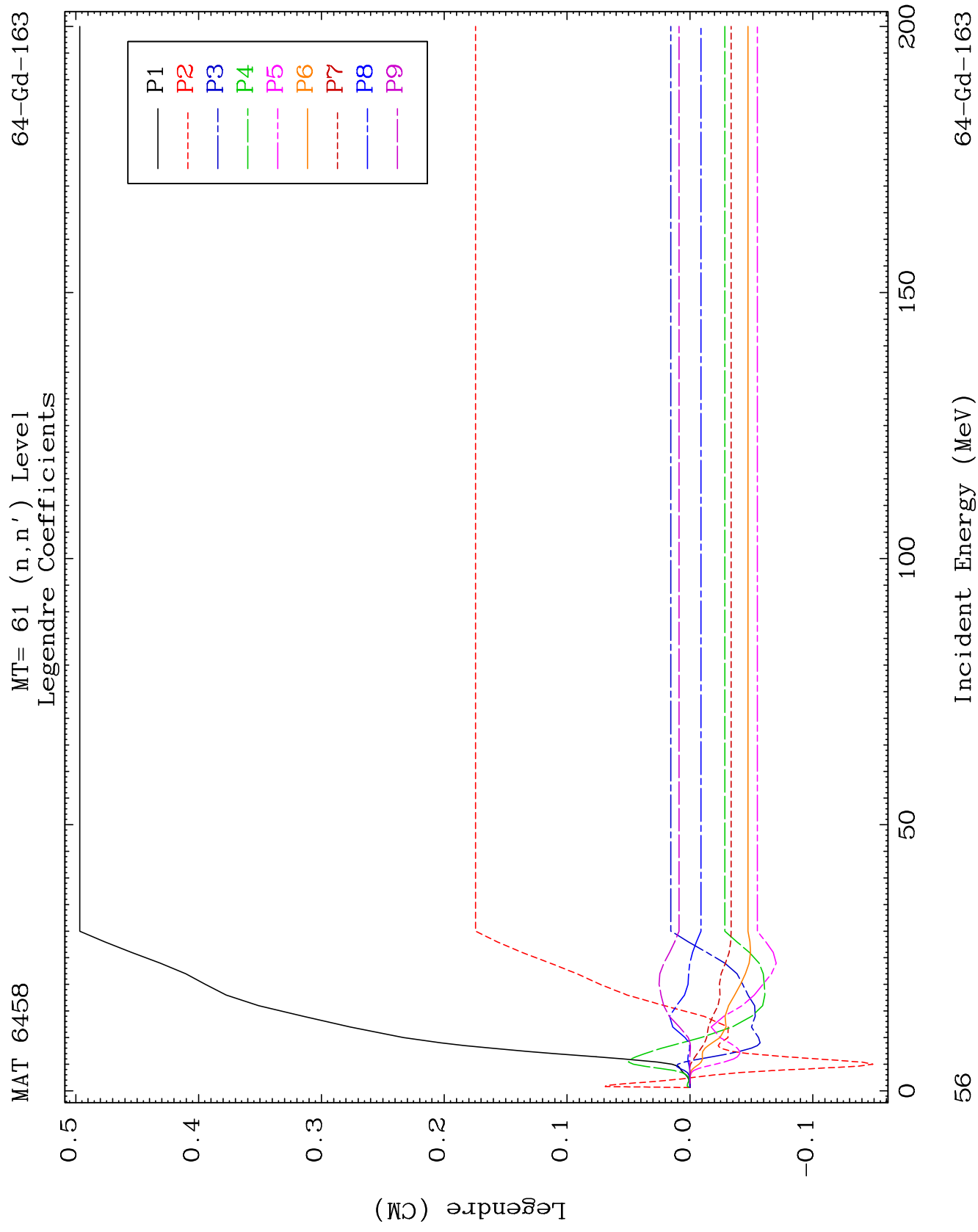
MT= 60 (n, n') Level
Legendre Coefficients

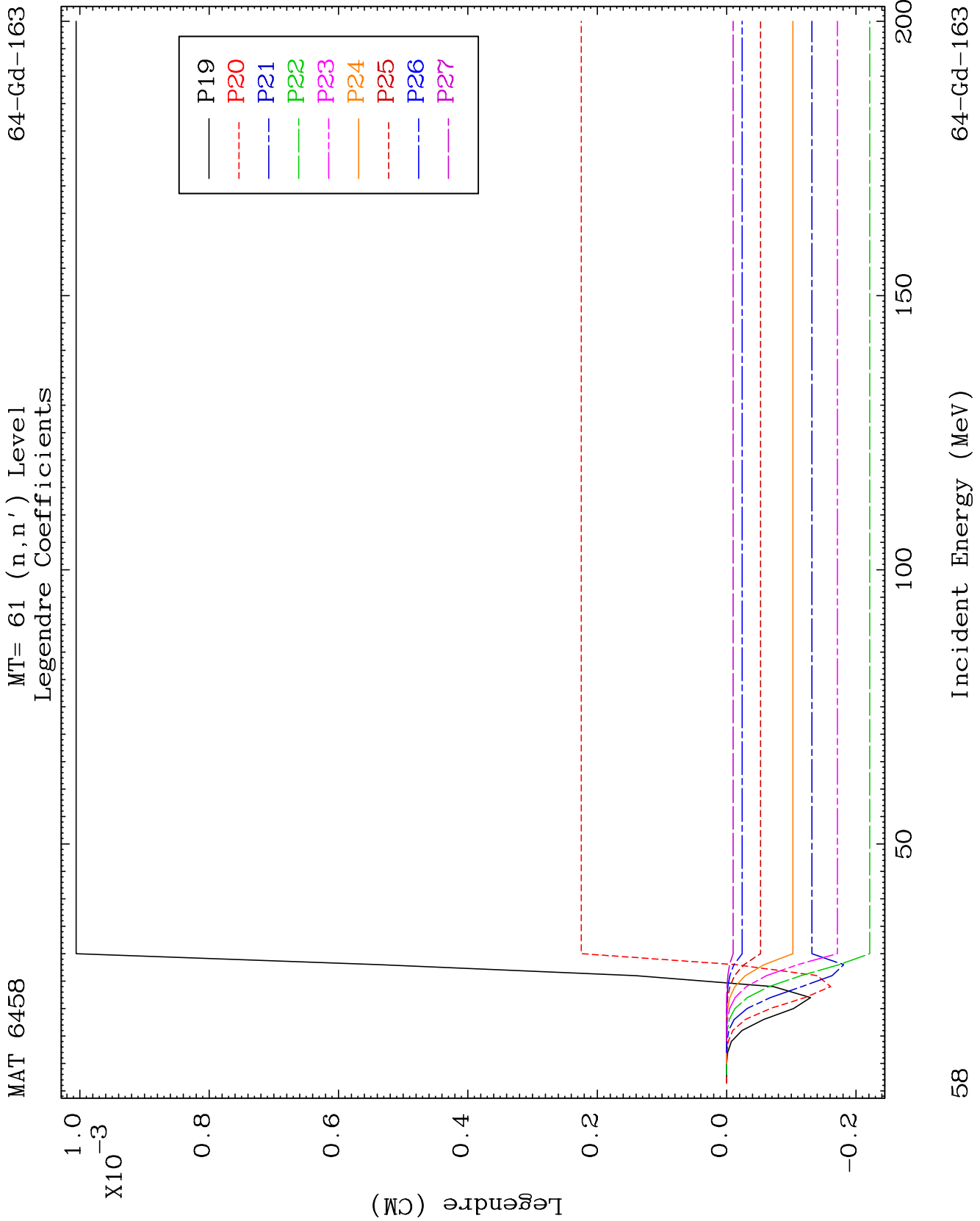
64-Gd-163

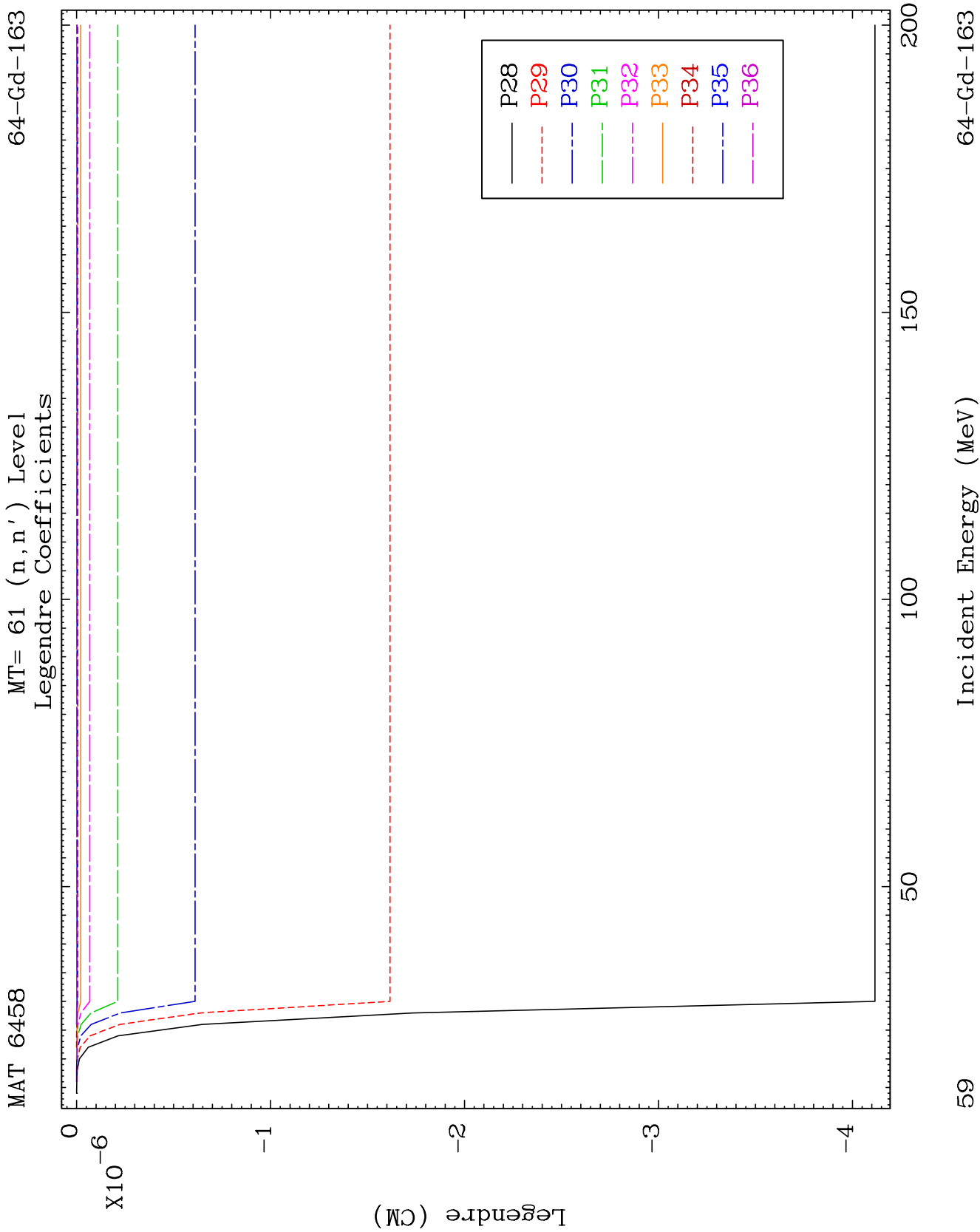


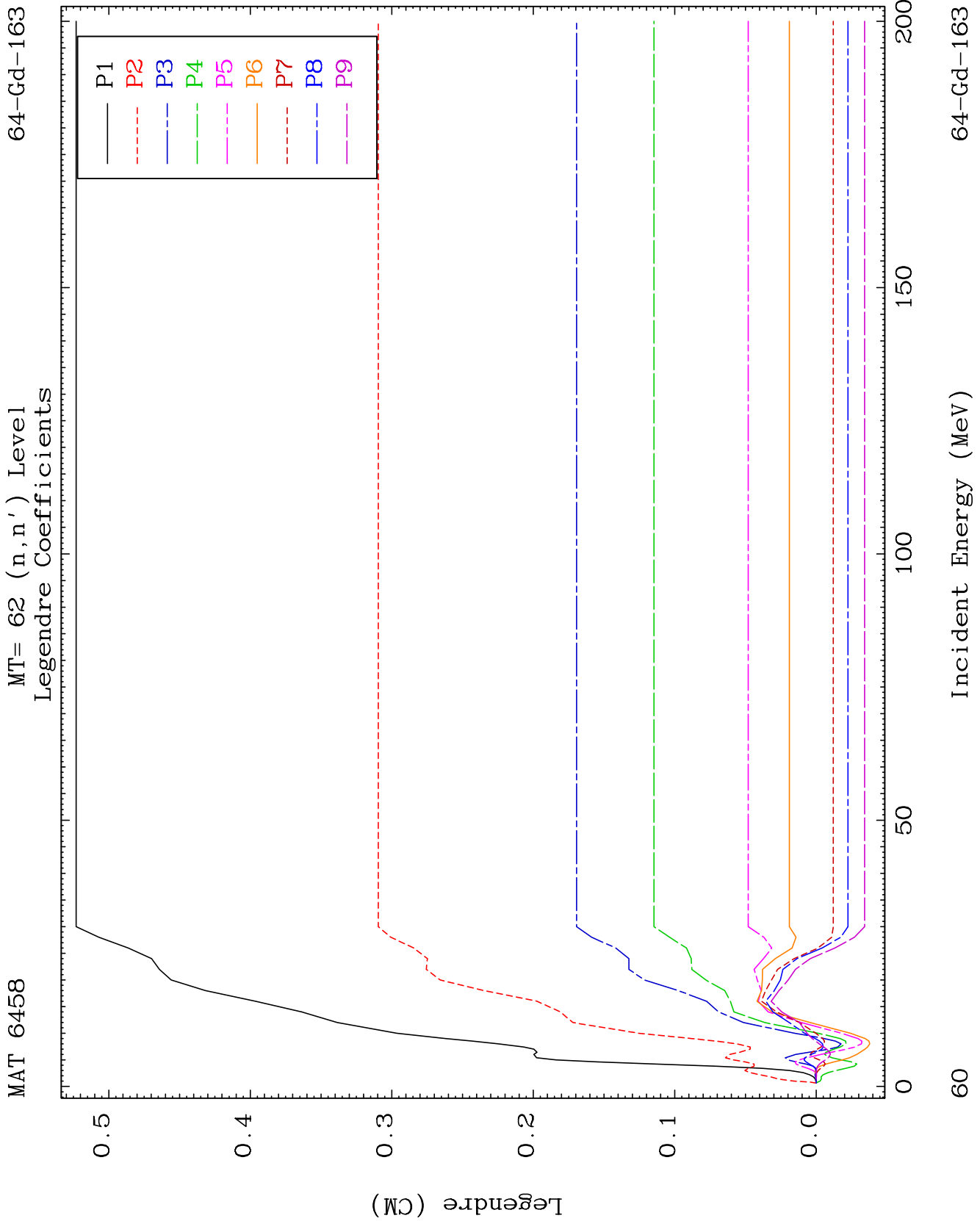








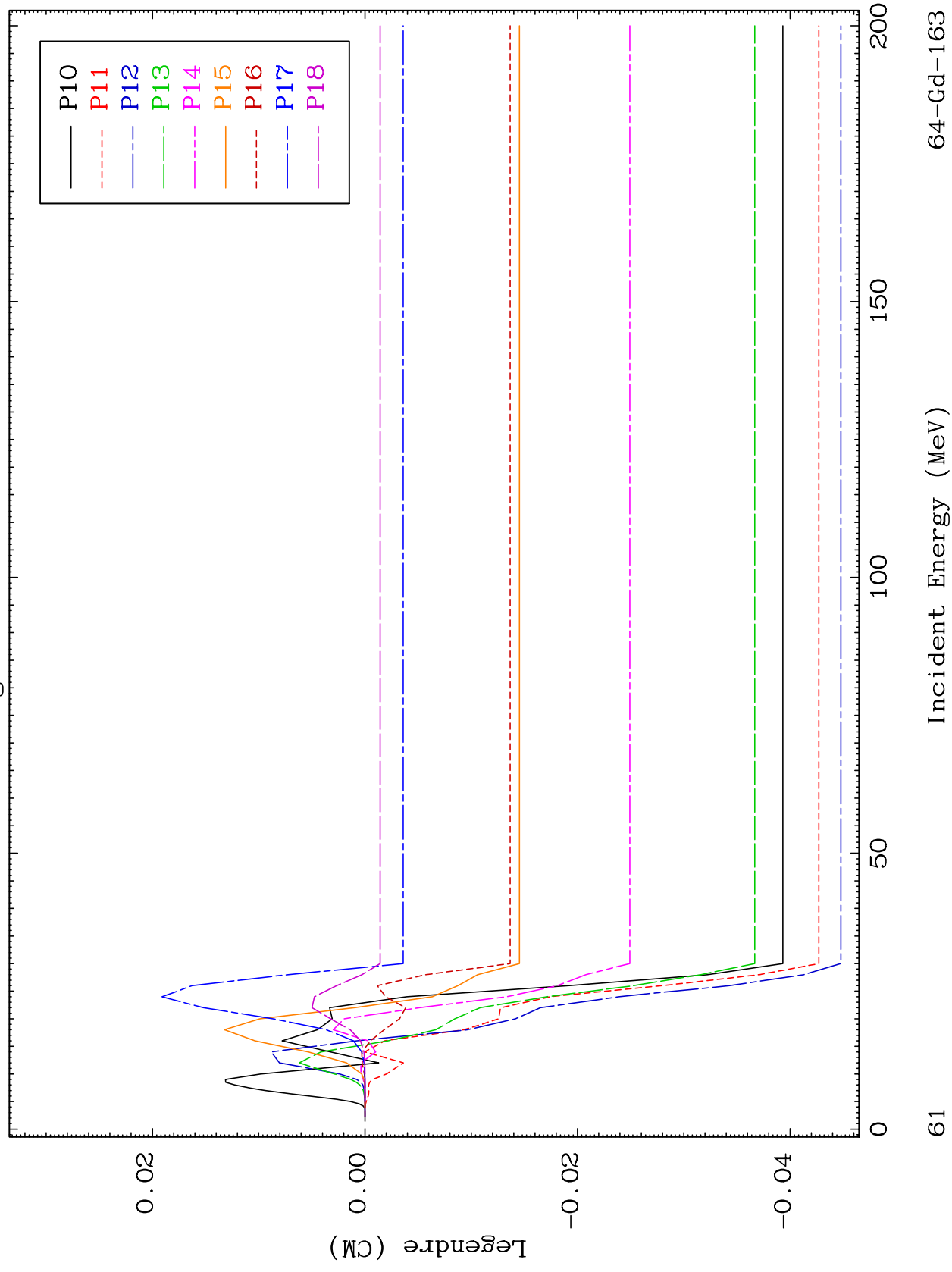


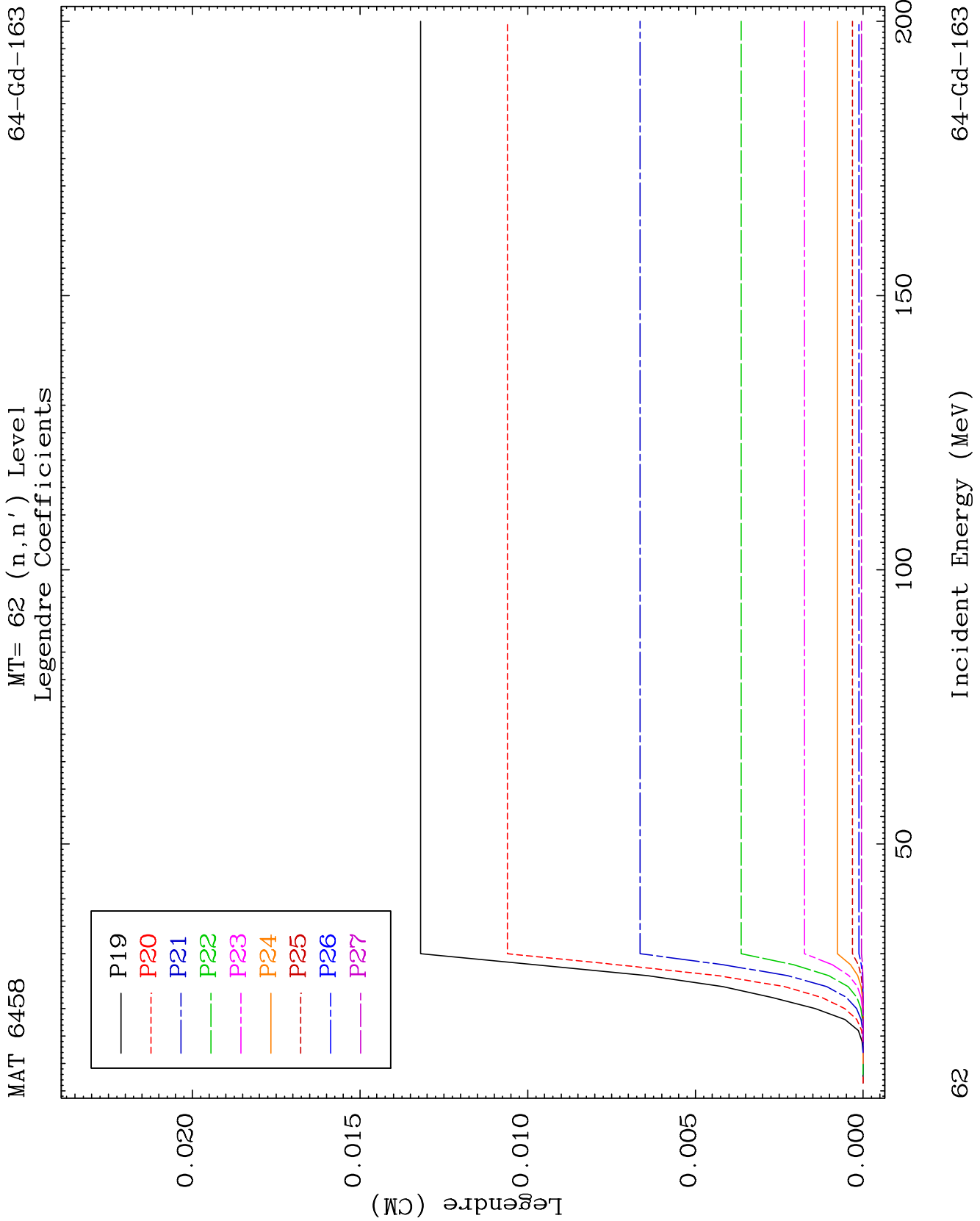


MAT 6458

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

64-Gd-163

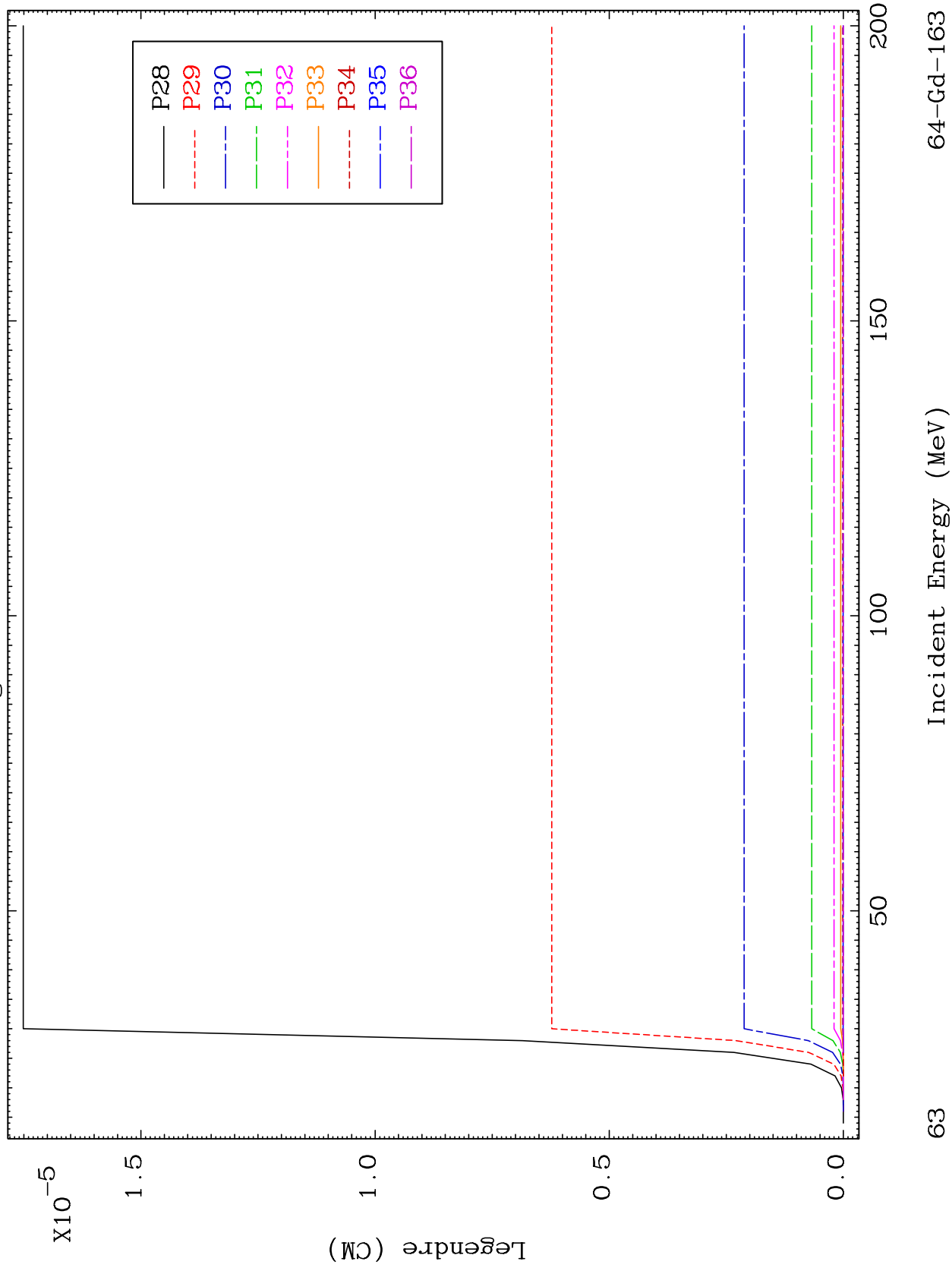




MAT 6458

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

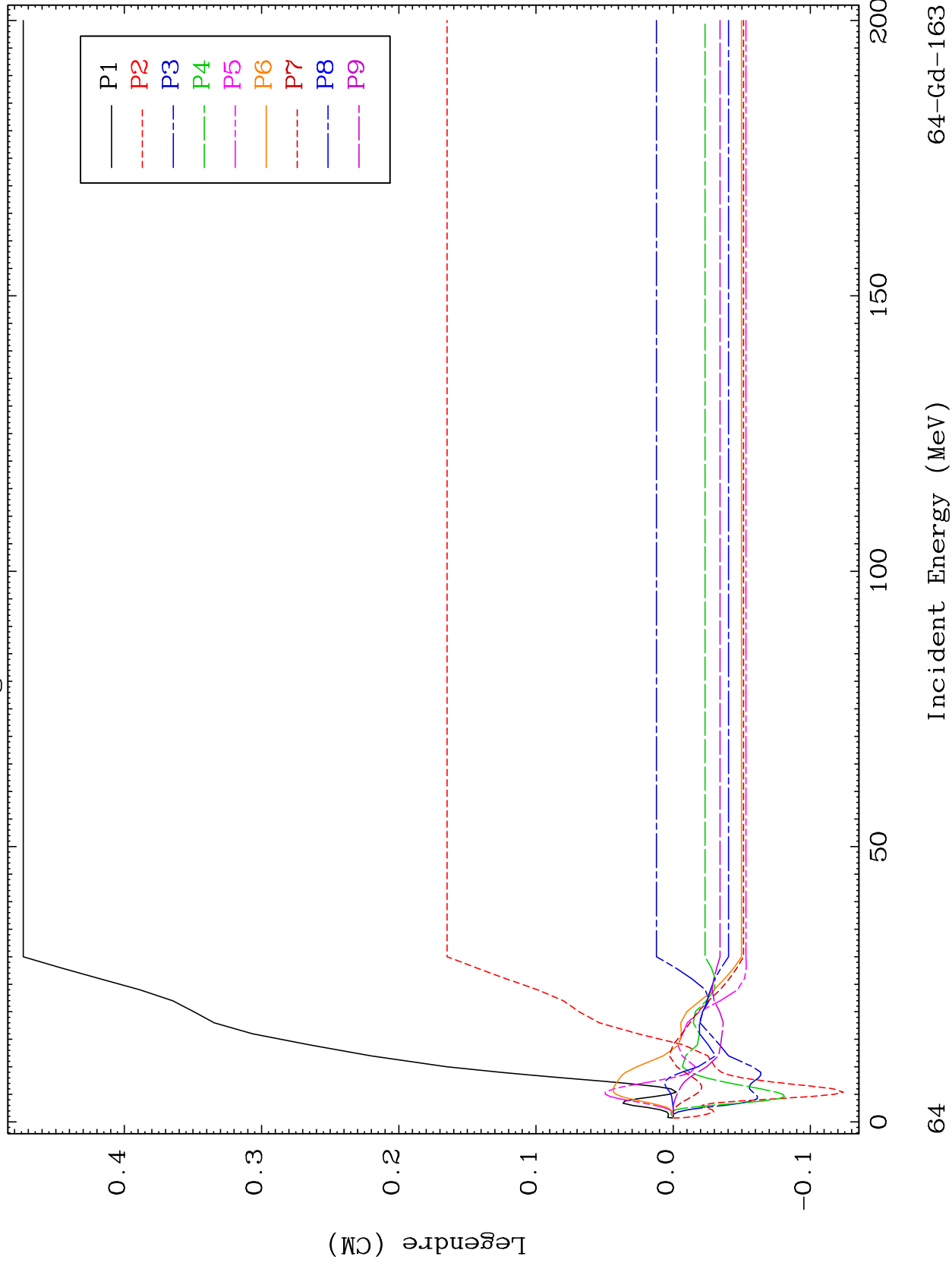
64-Gd-163

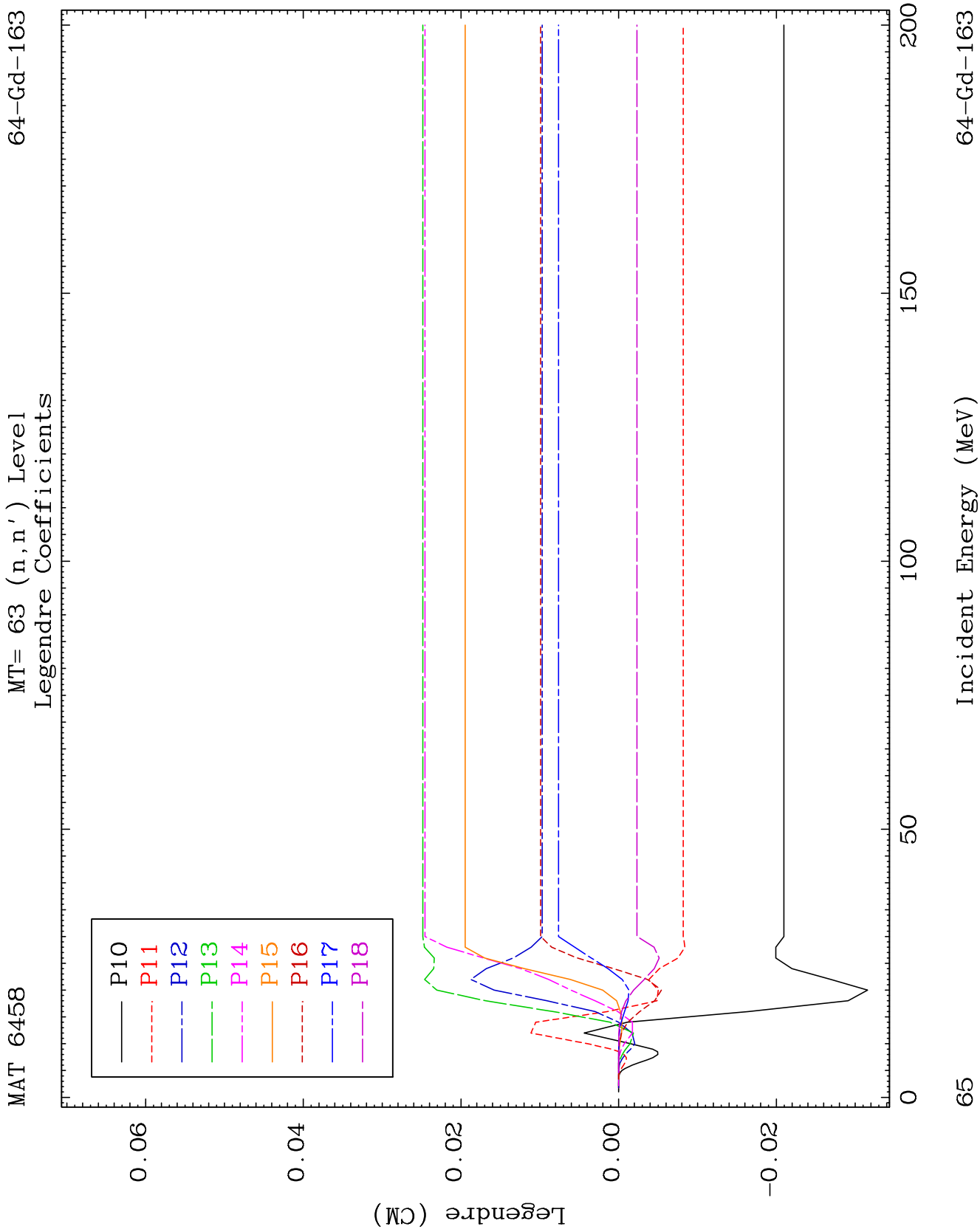


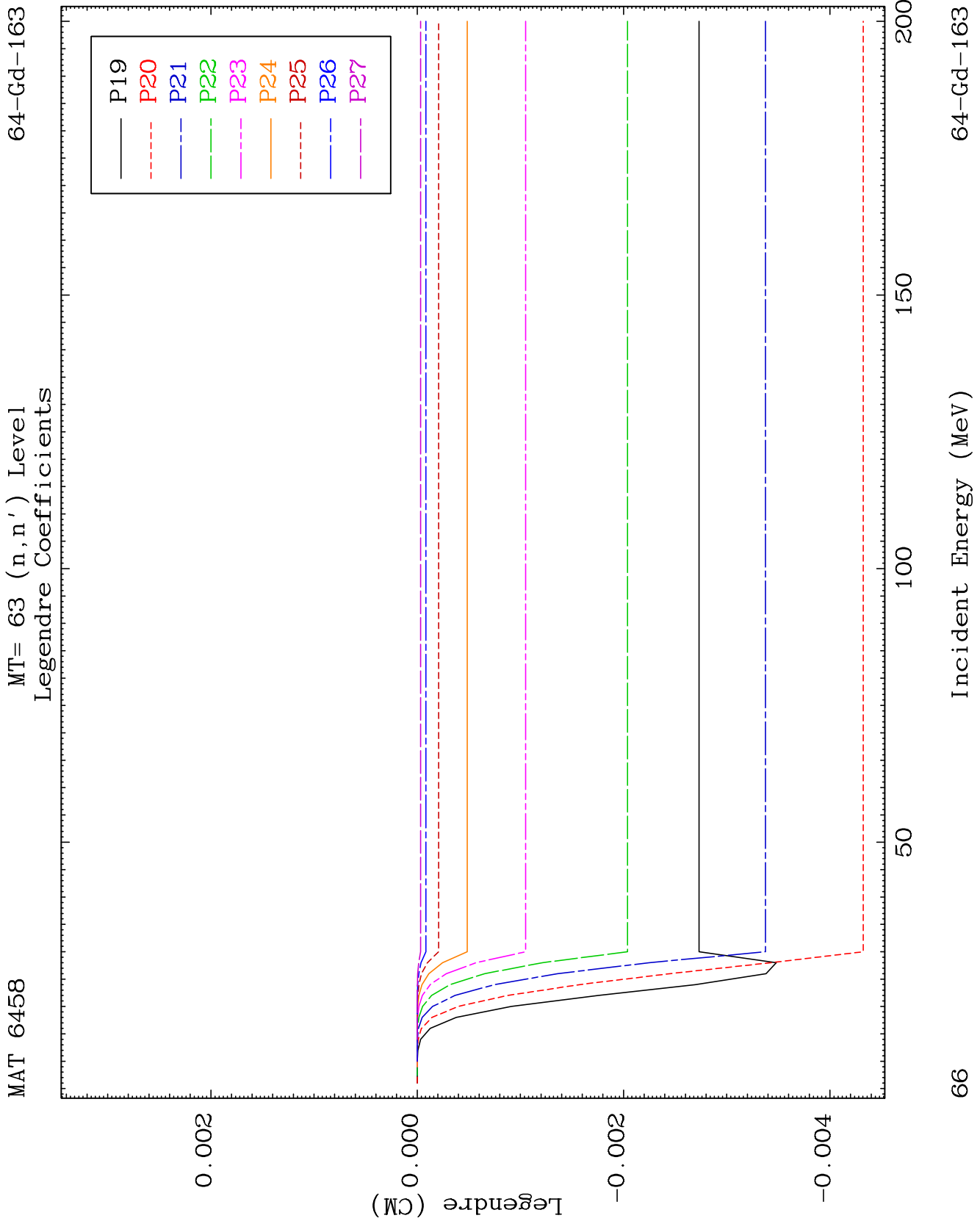
MAT 6458

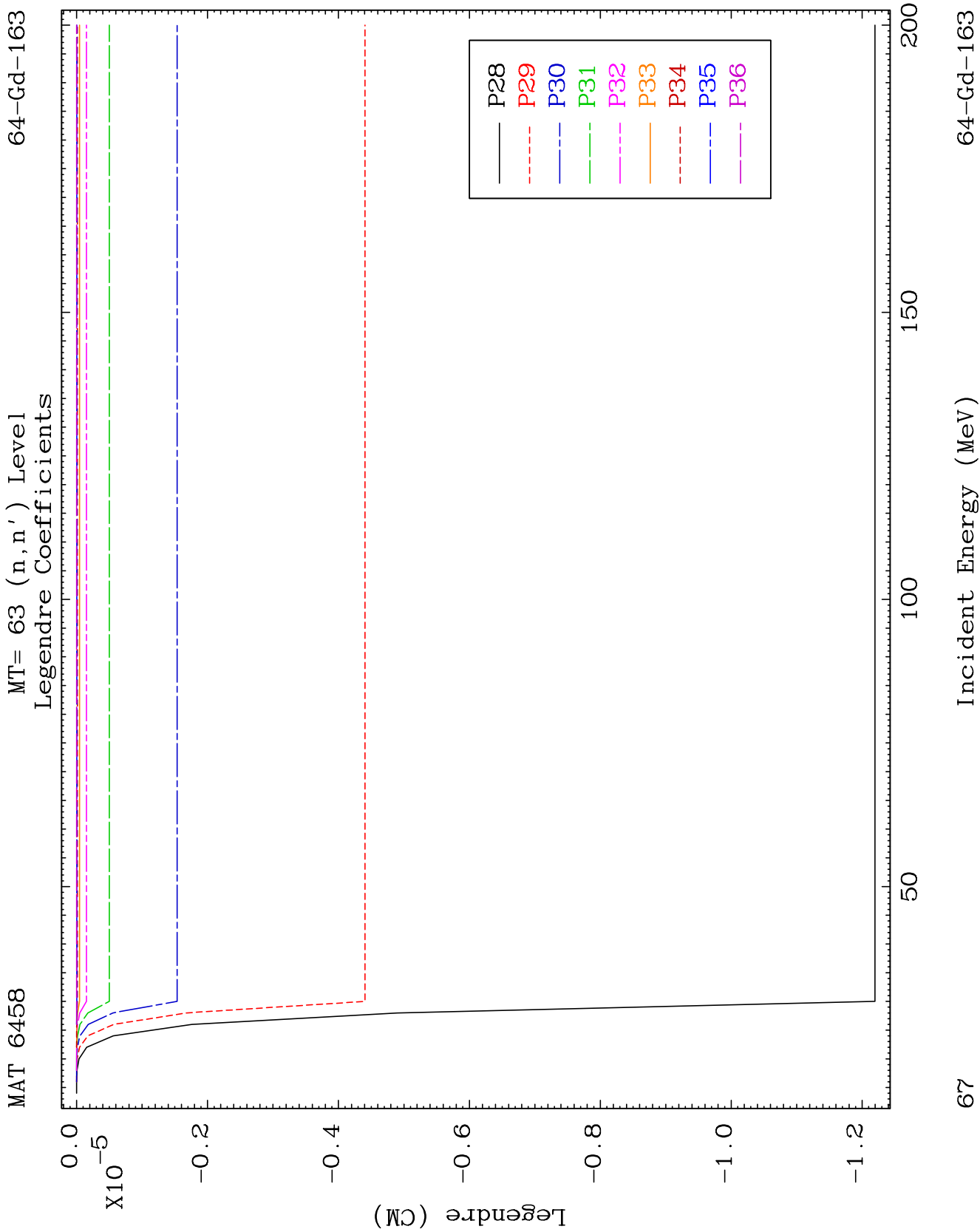
MT= 63 (n, n') Level
Legendre Coefficients

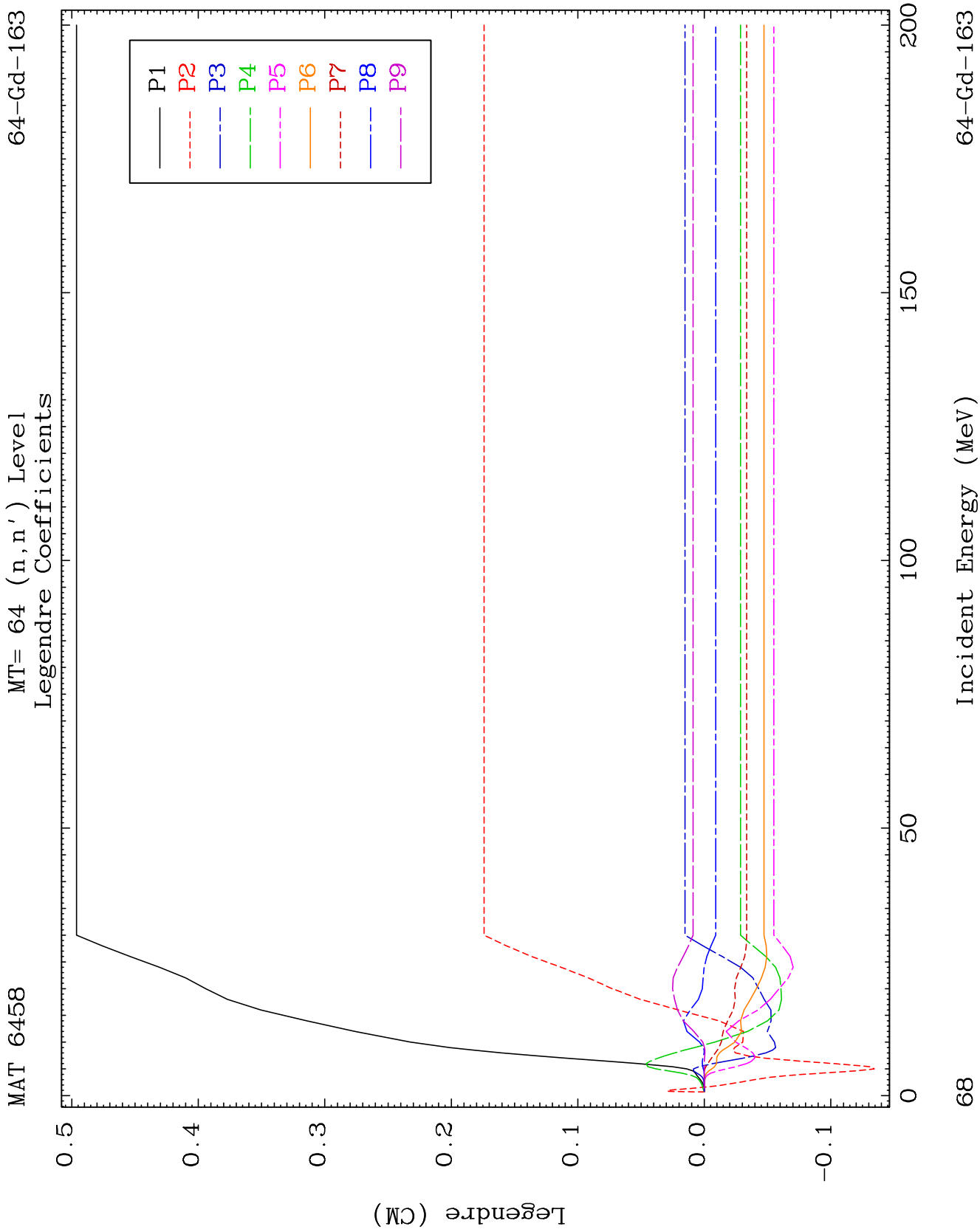
64-Gd-163







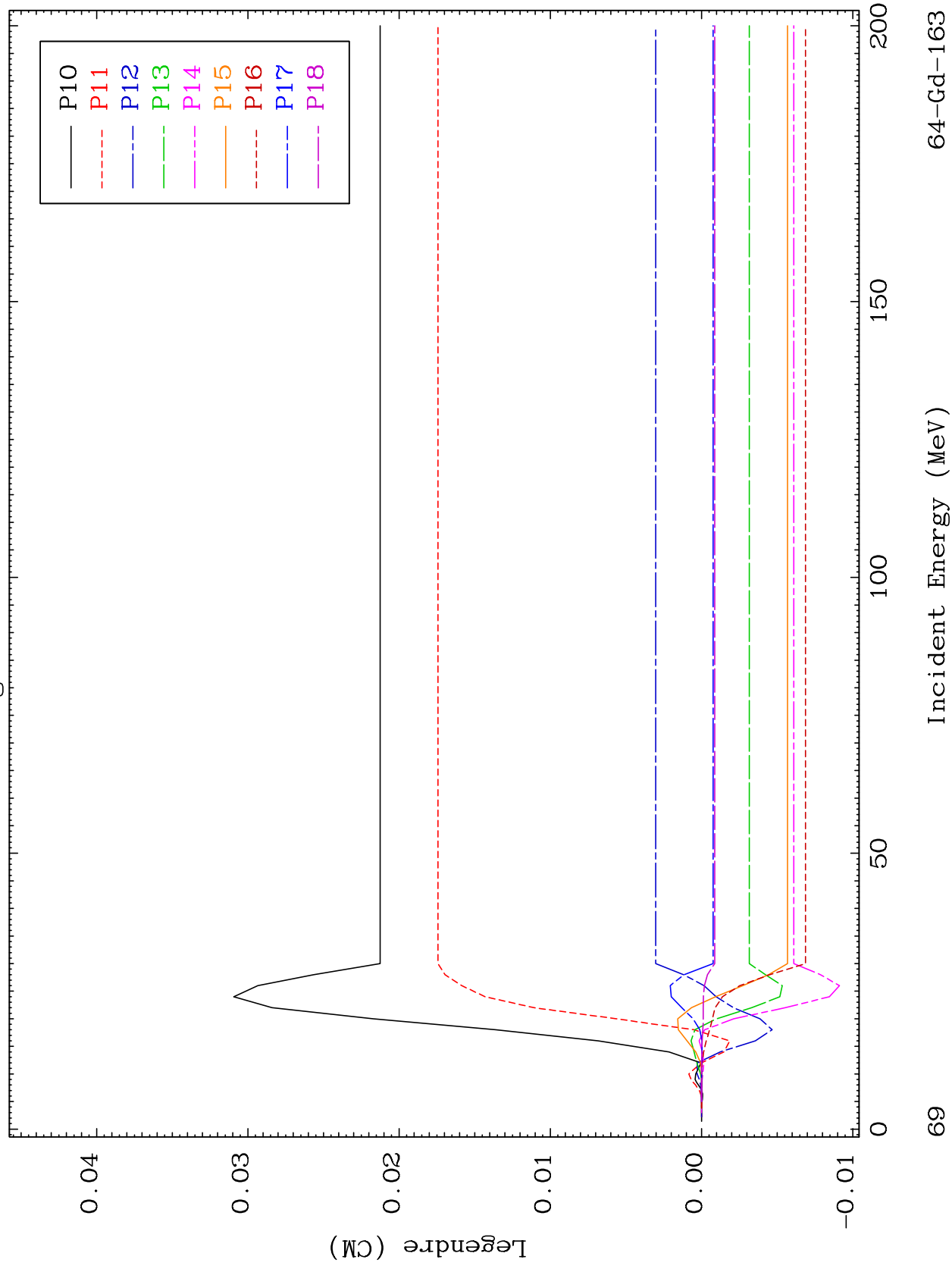


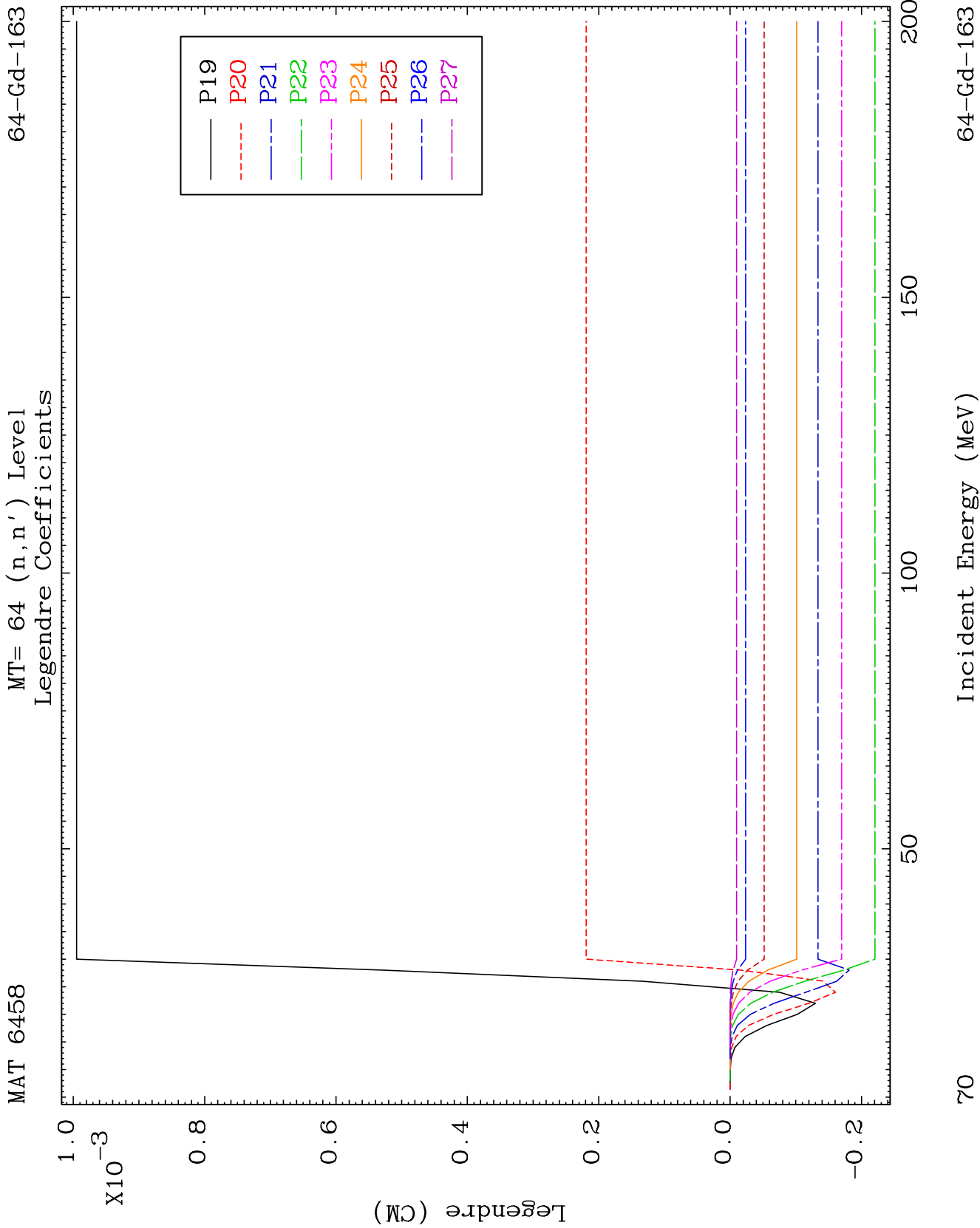


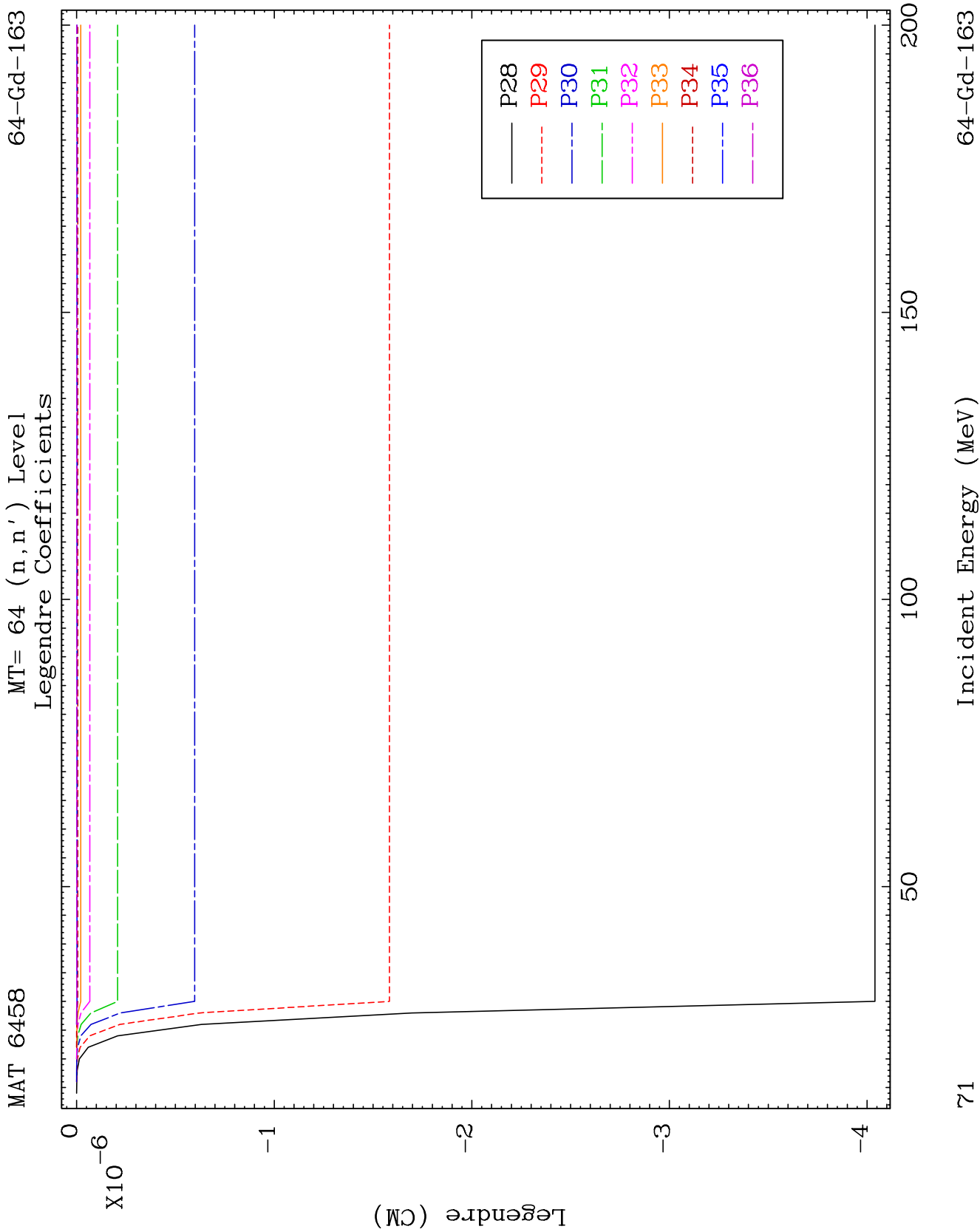
MAT 6458

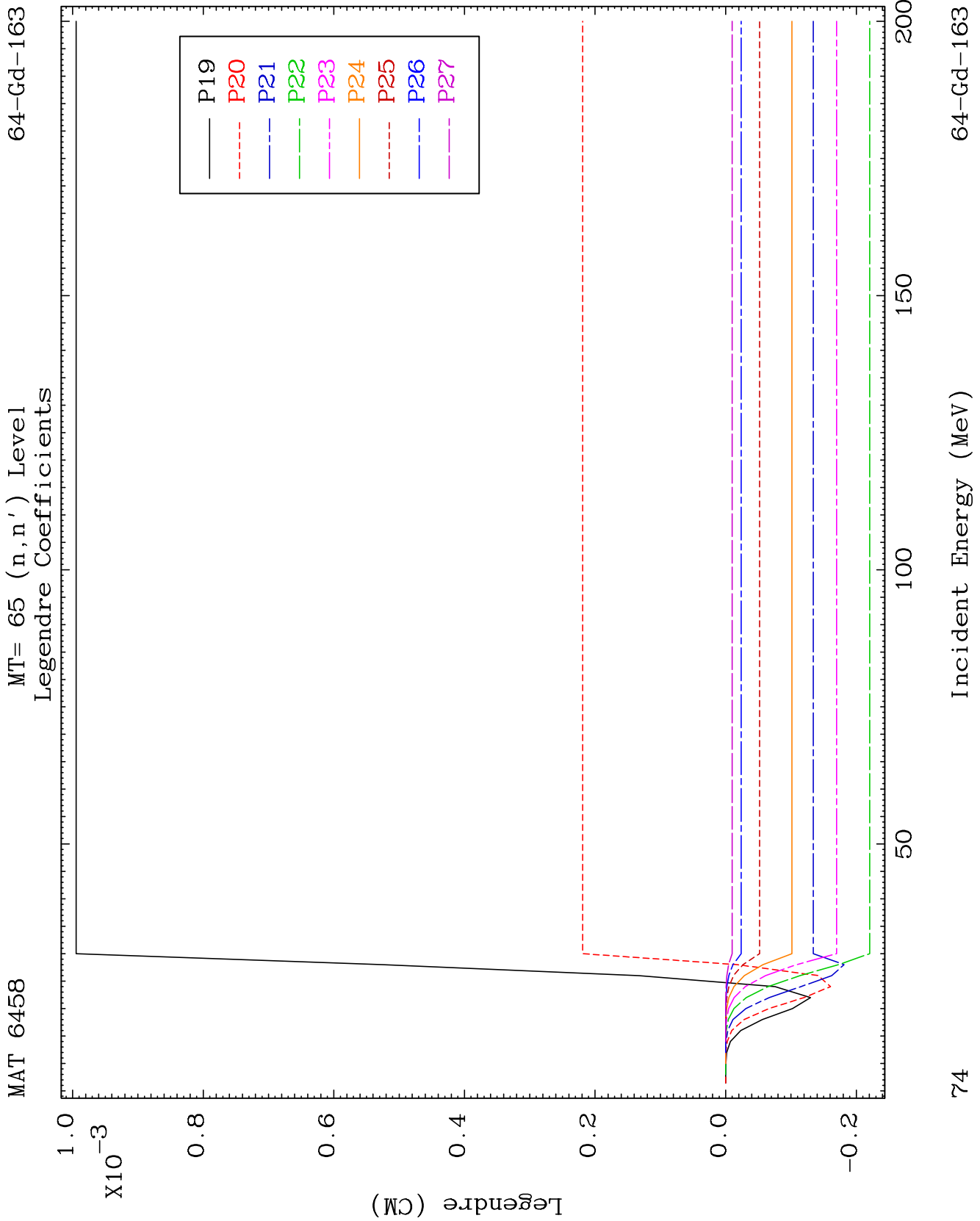
MT= 64 (n, n') Level
Legendre Coefficients

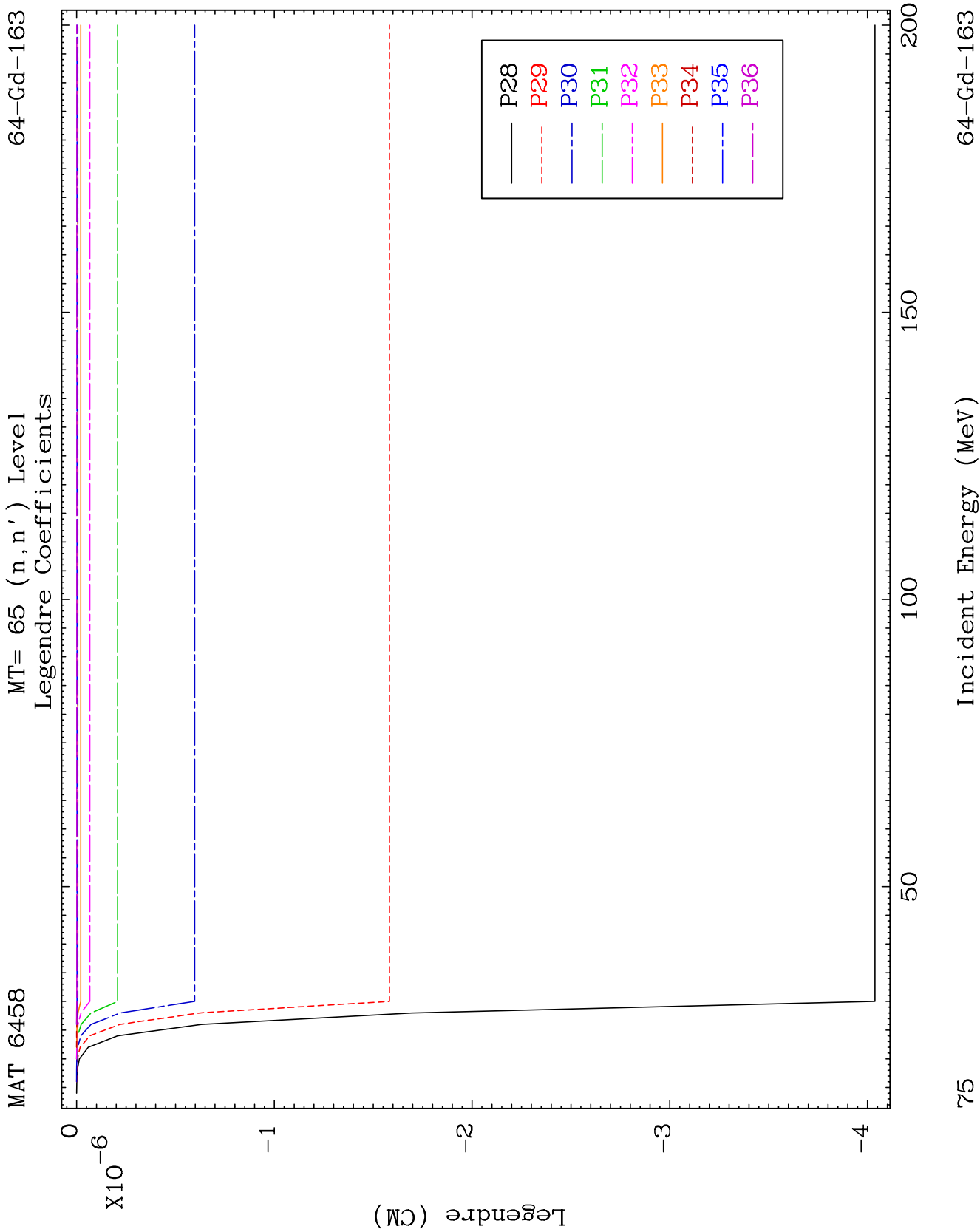
64-Gd-163







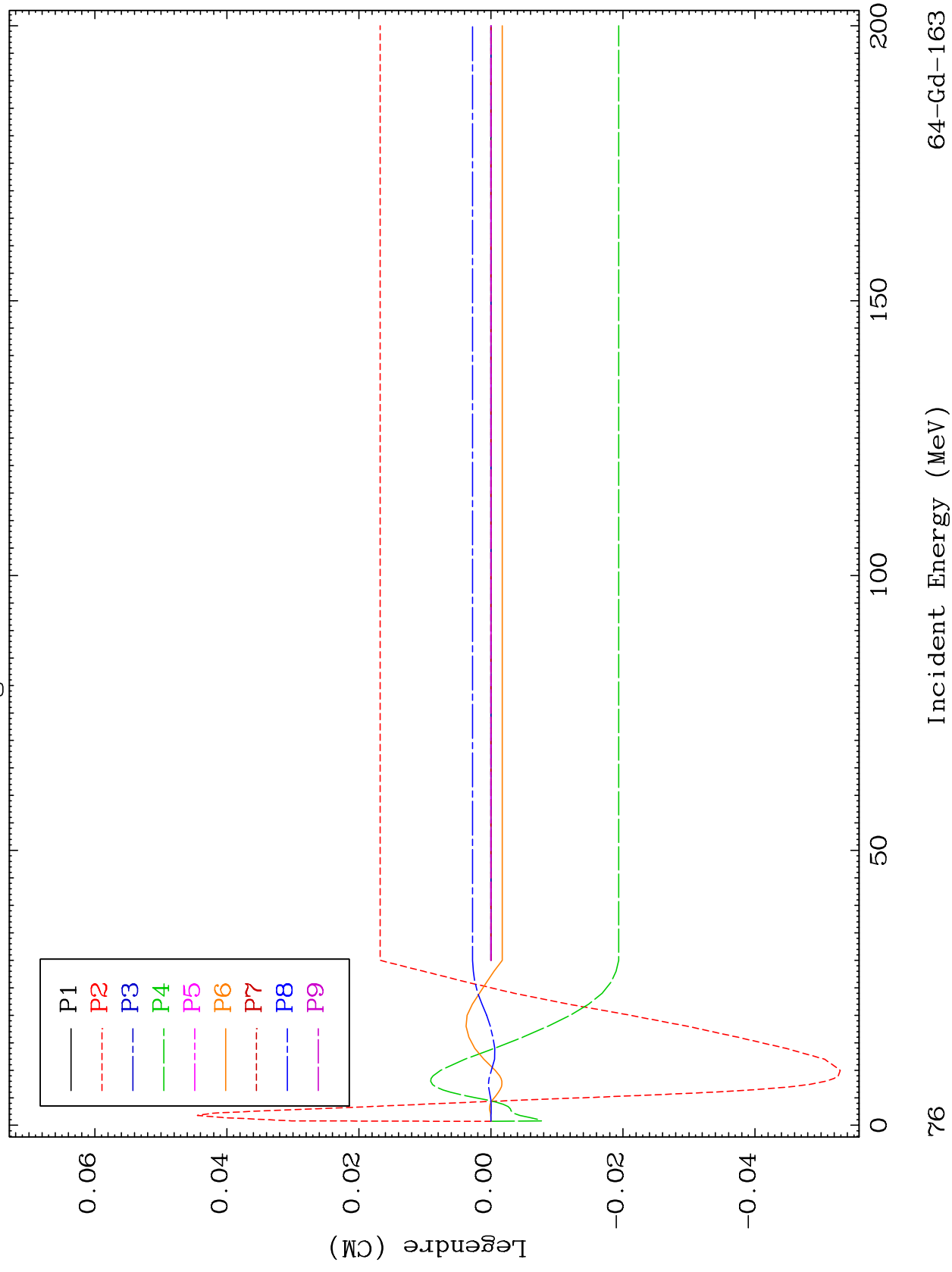


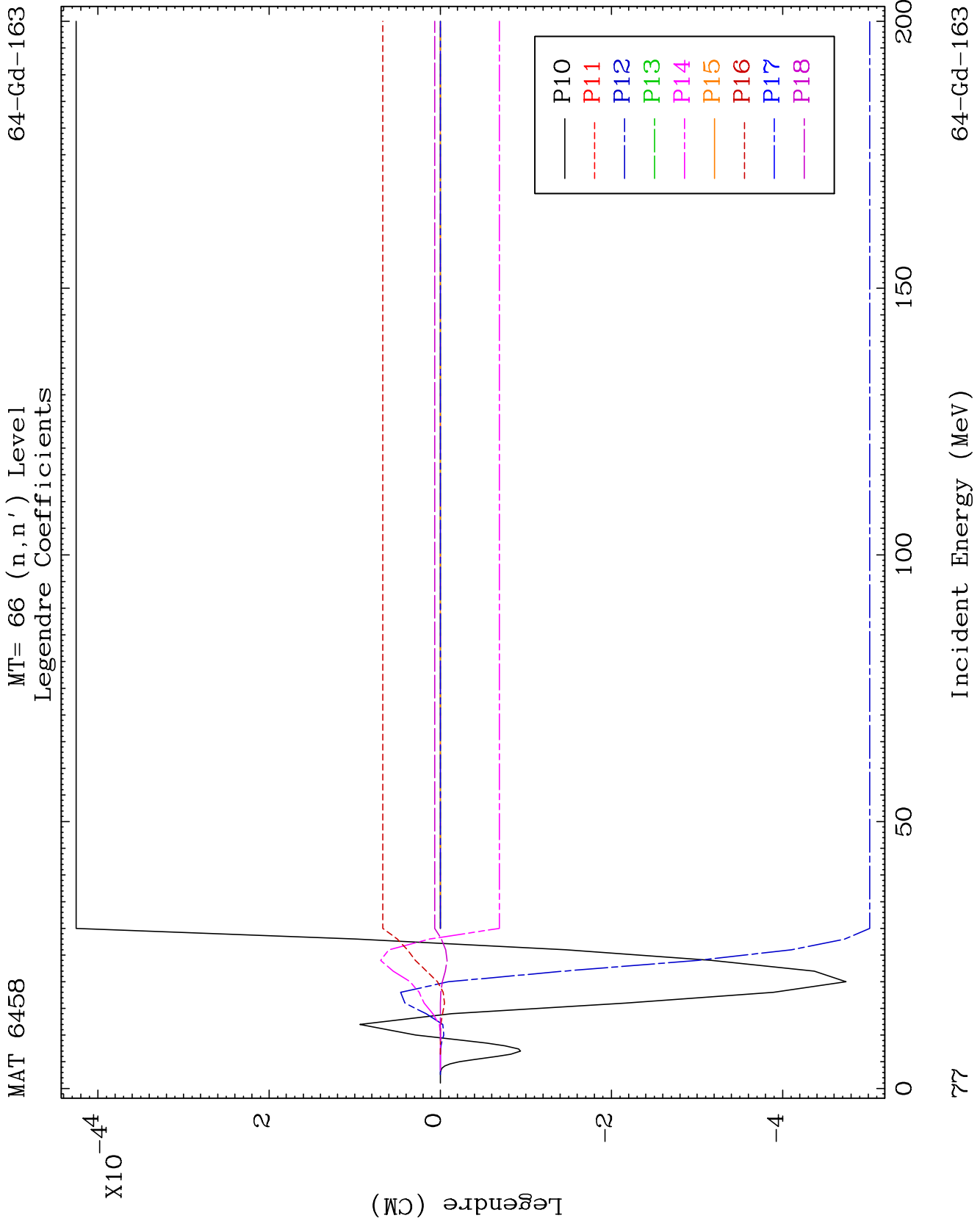


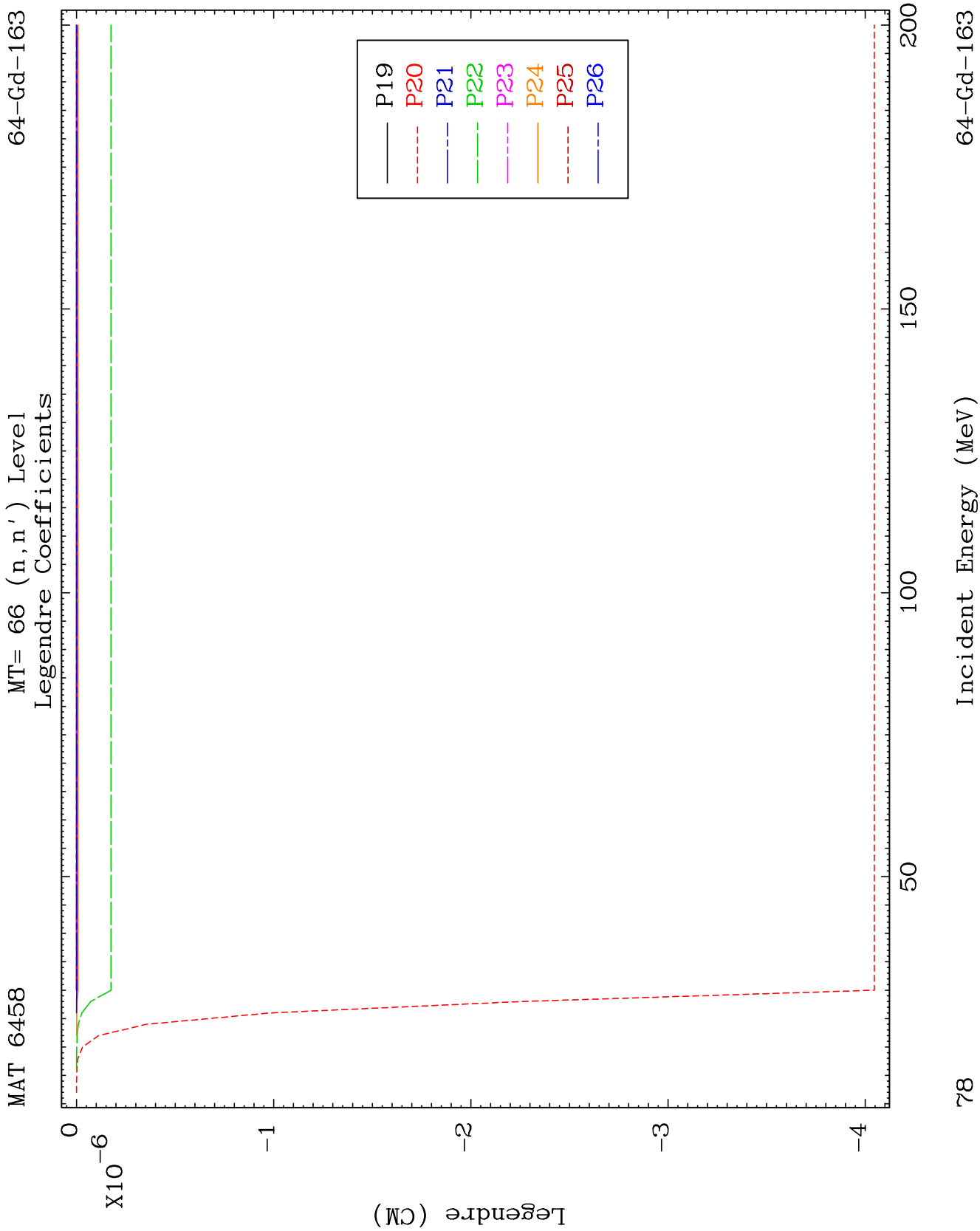
MAT 6458

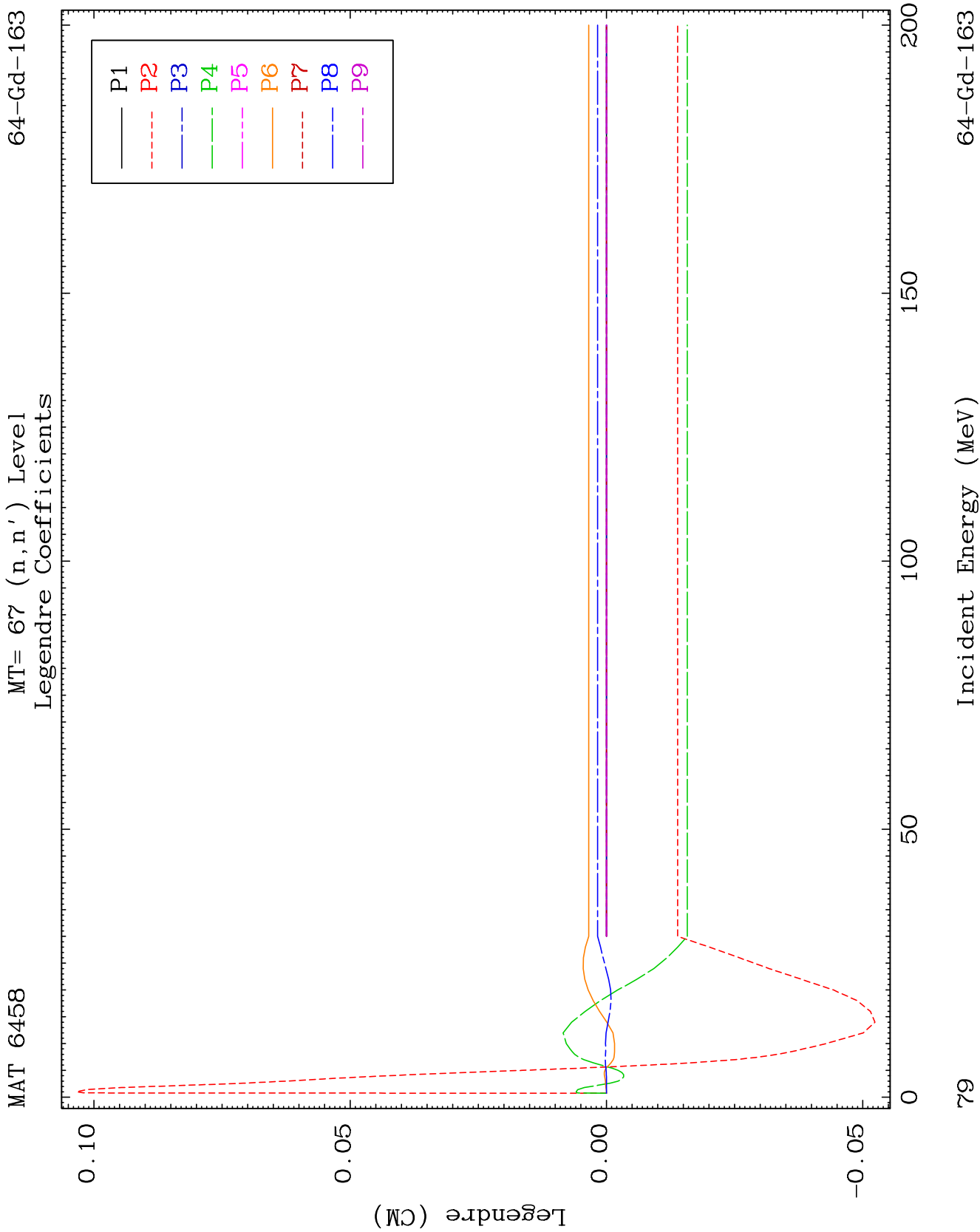
MT= 66 (n, n') Level
Legendre Coefficients

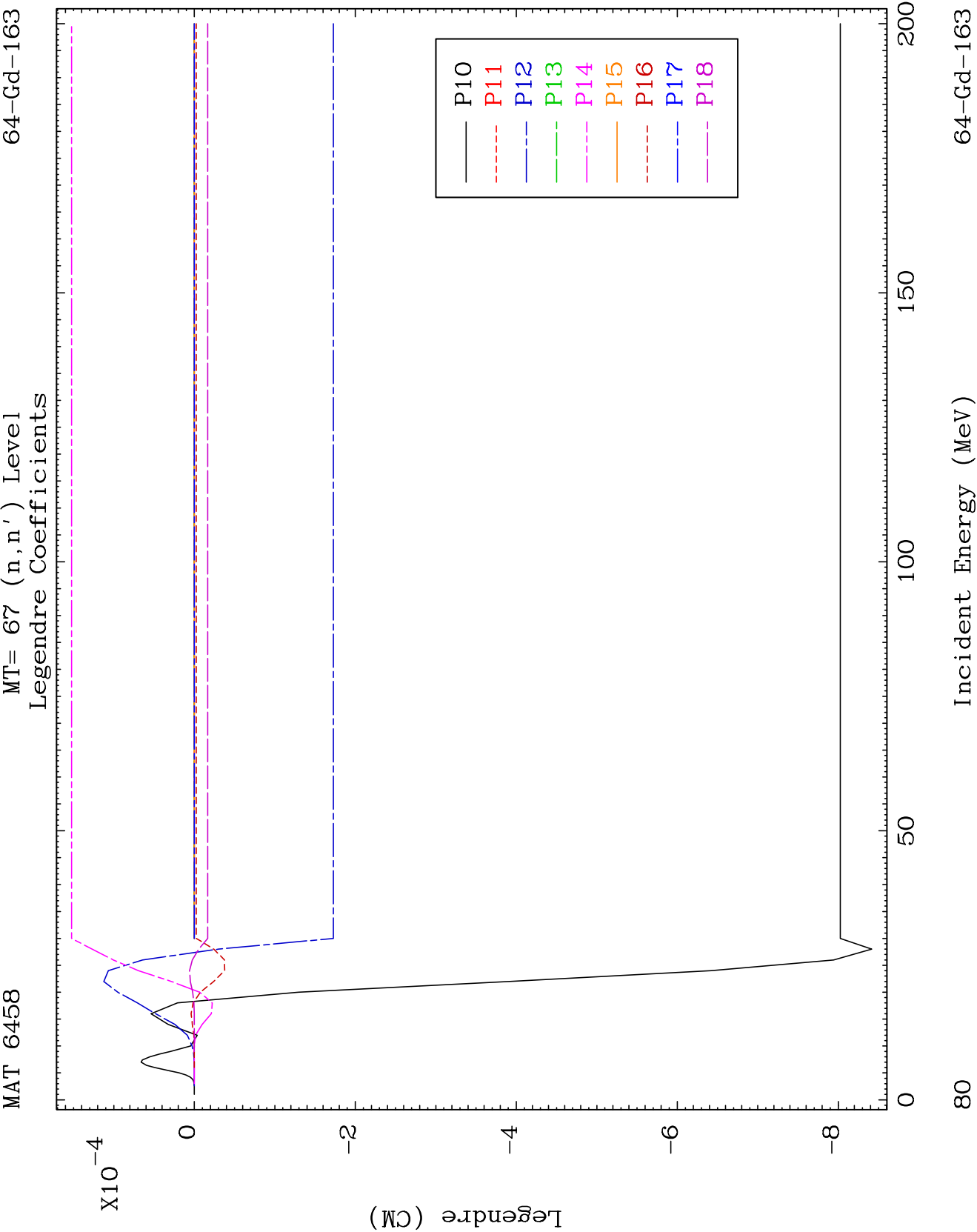
64-Gd-163

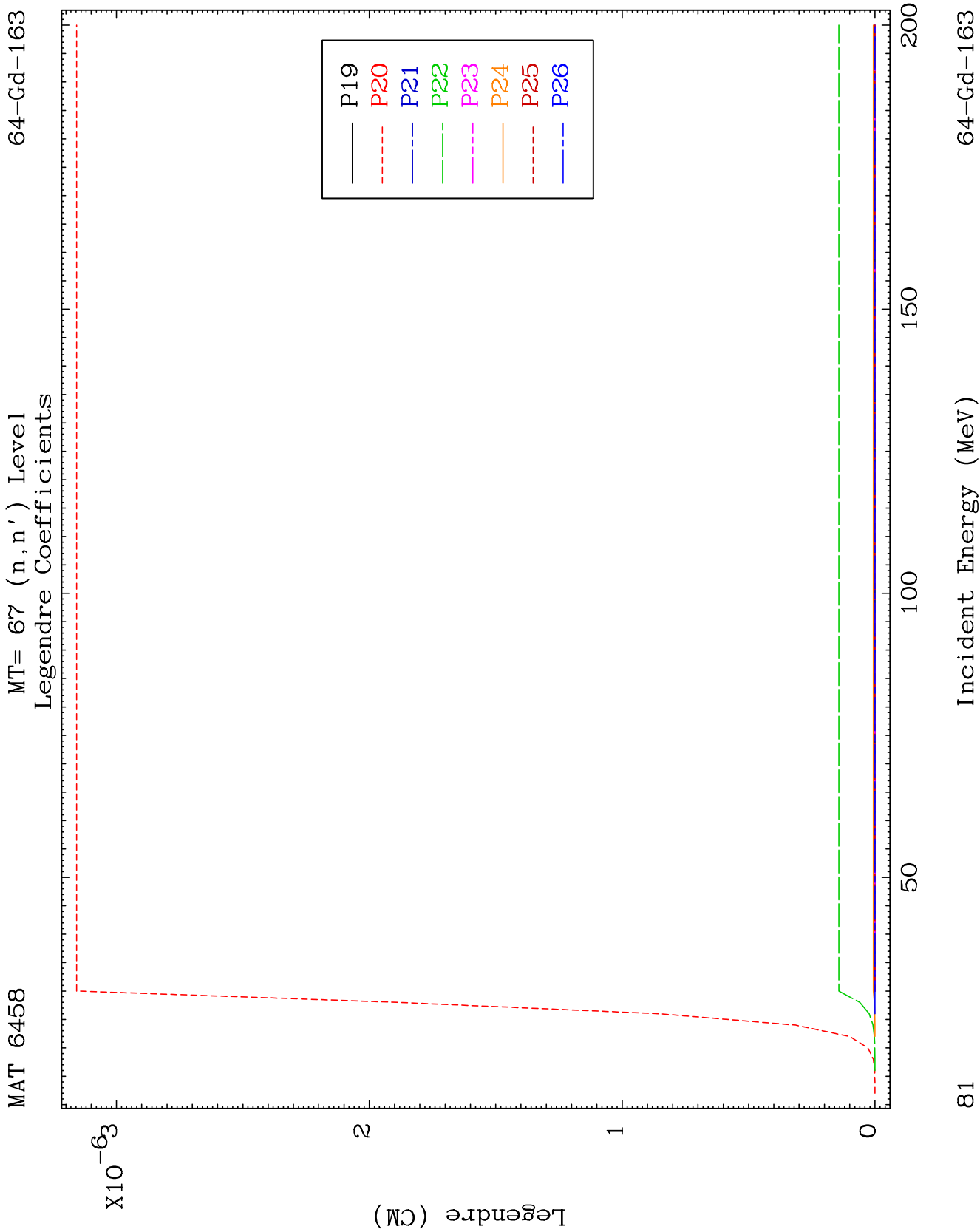








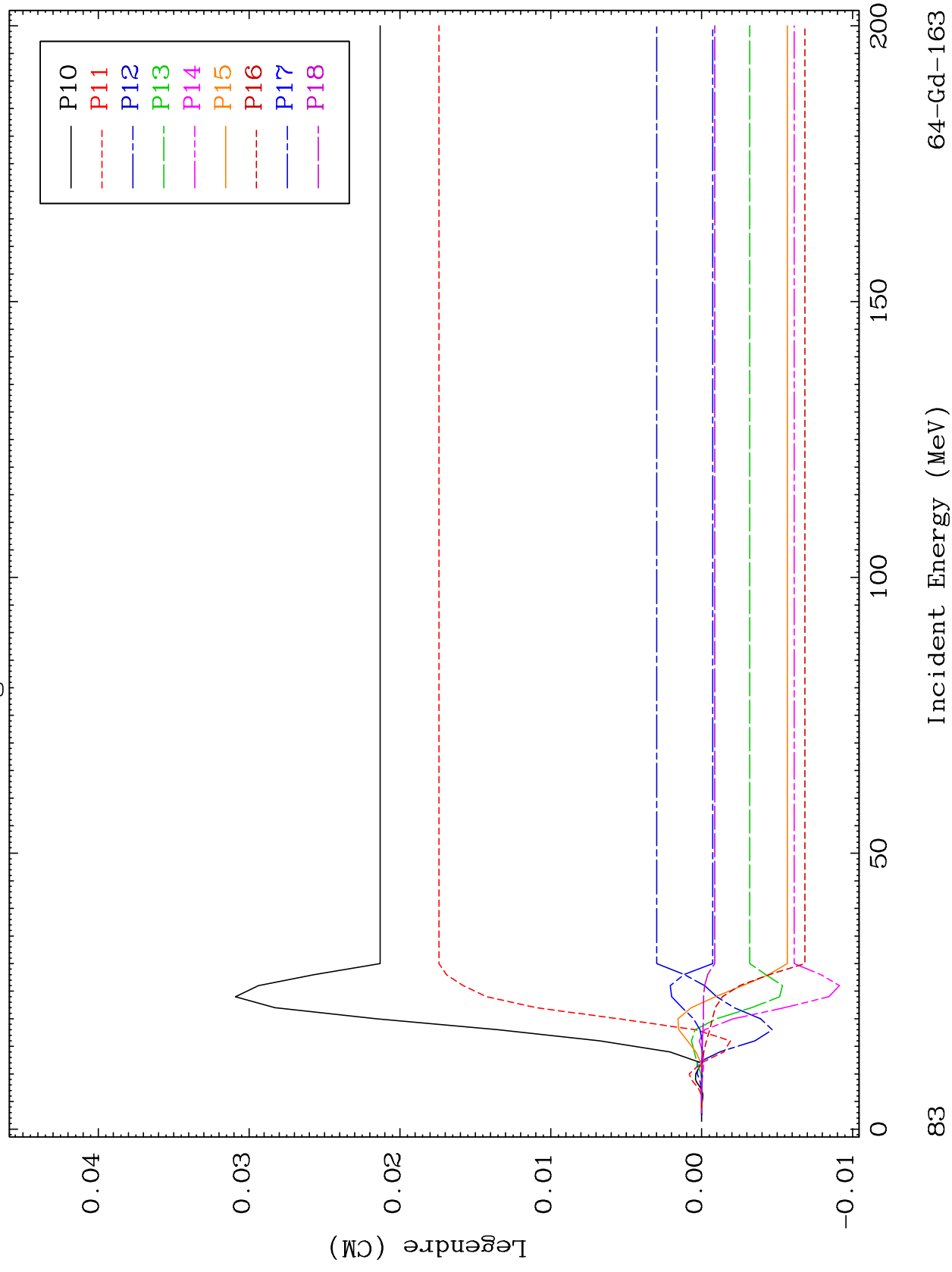


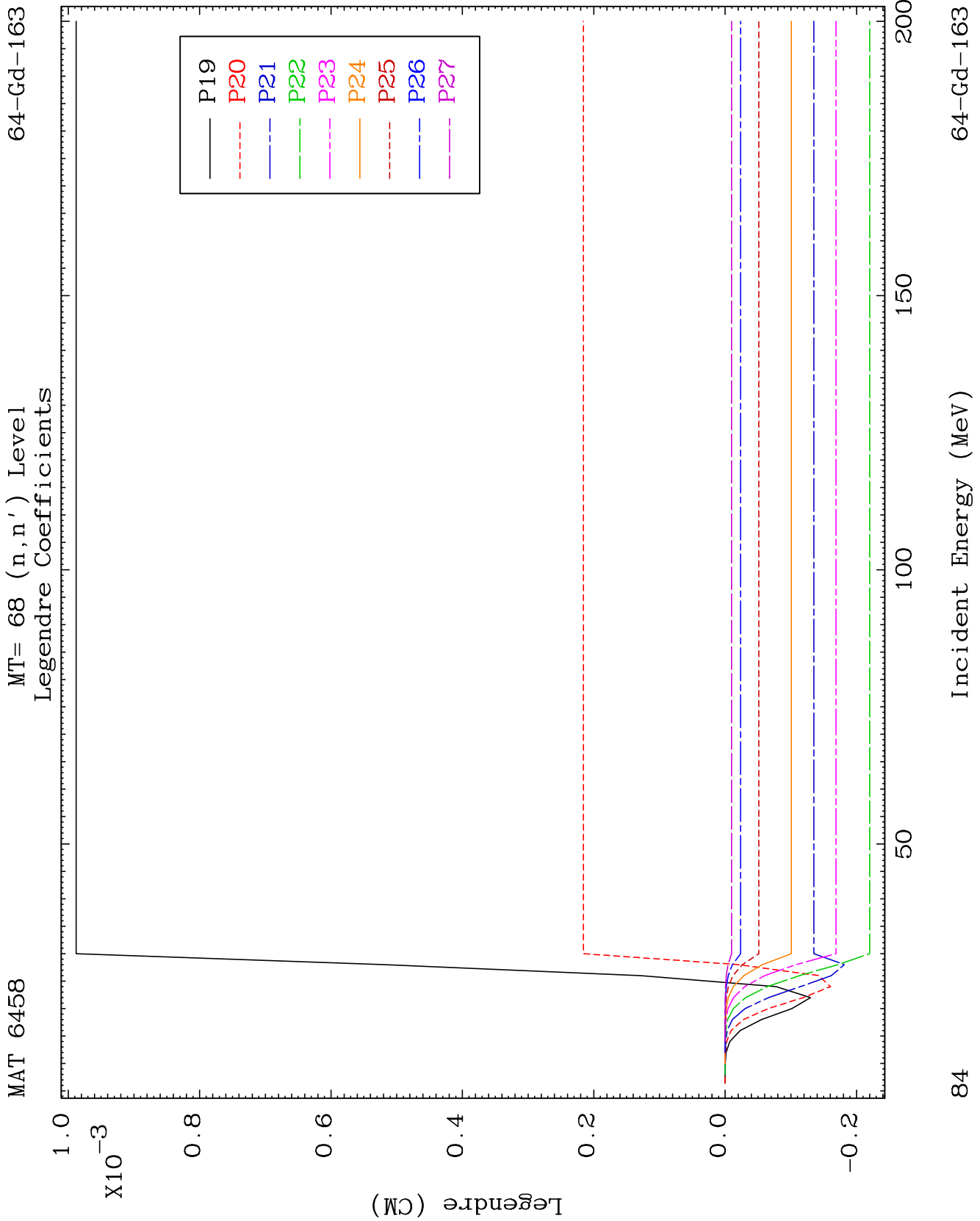


MAT 6458

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

64-Gd-163



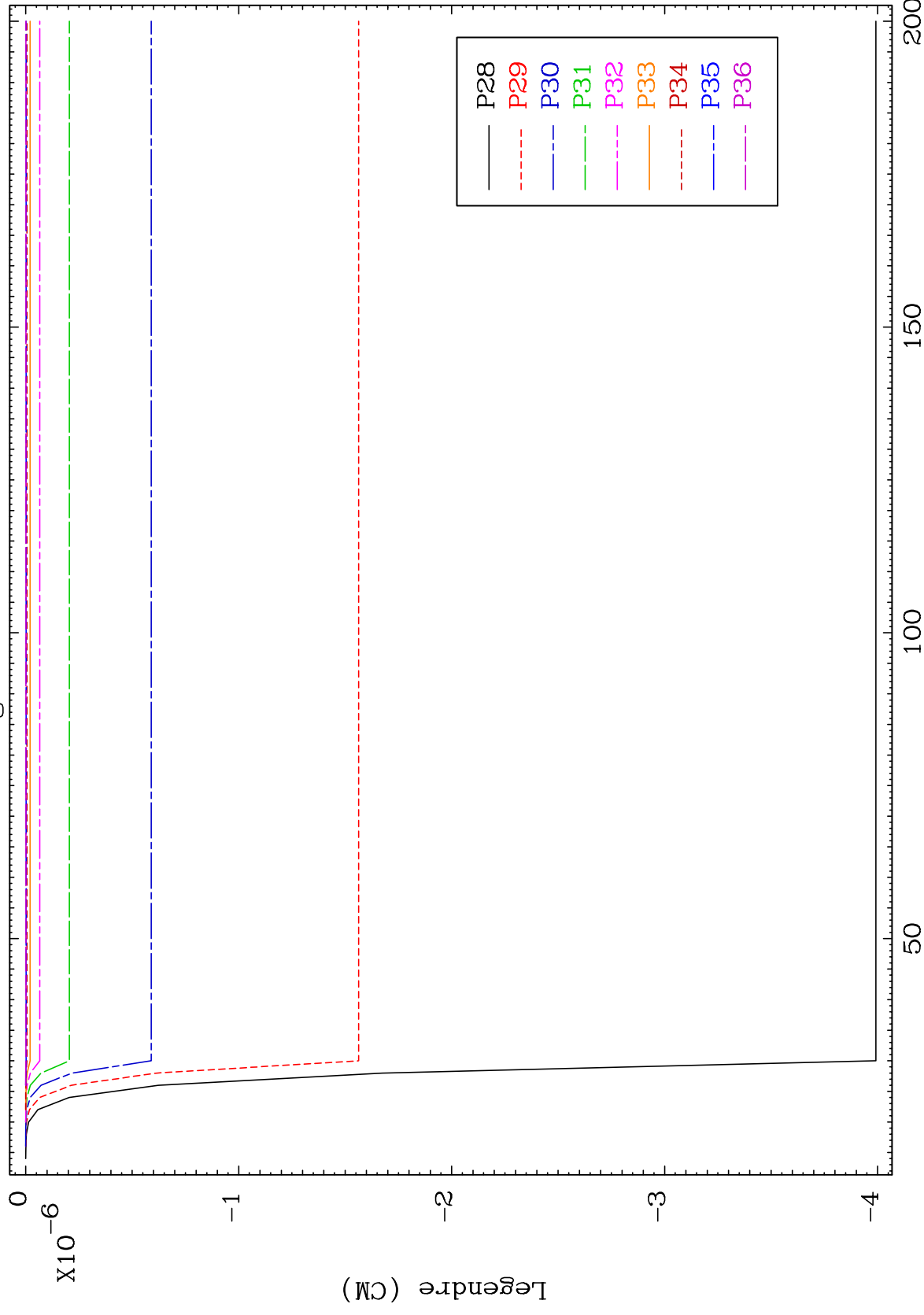


MAT 6458

MT= 68 (n, n') Level

64-Gd-163

Legendre Coefficients



58

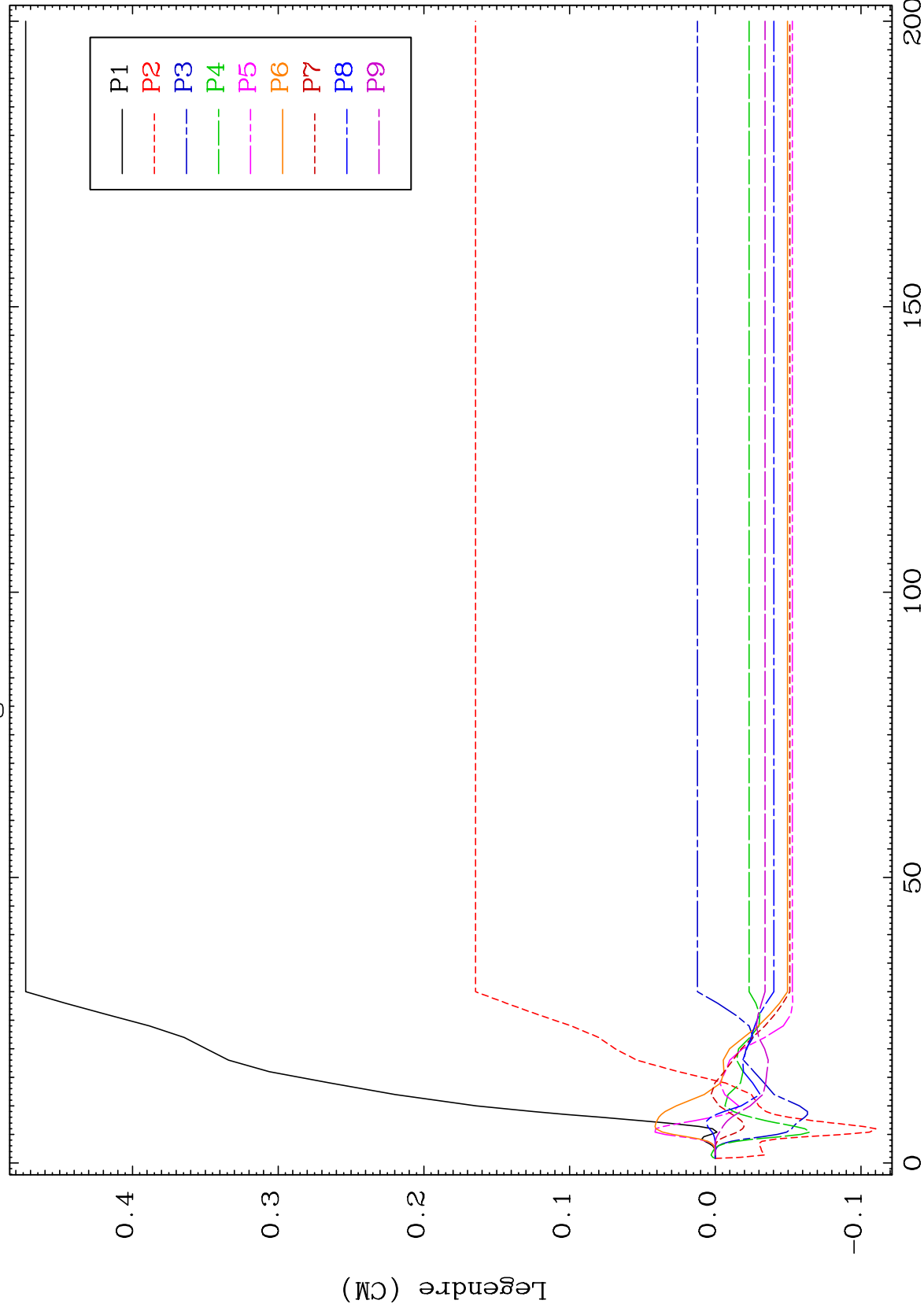
Incident Energy (MeV)

64-Gd-163

MAT 6458

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

64-Gd-163



88

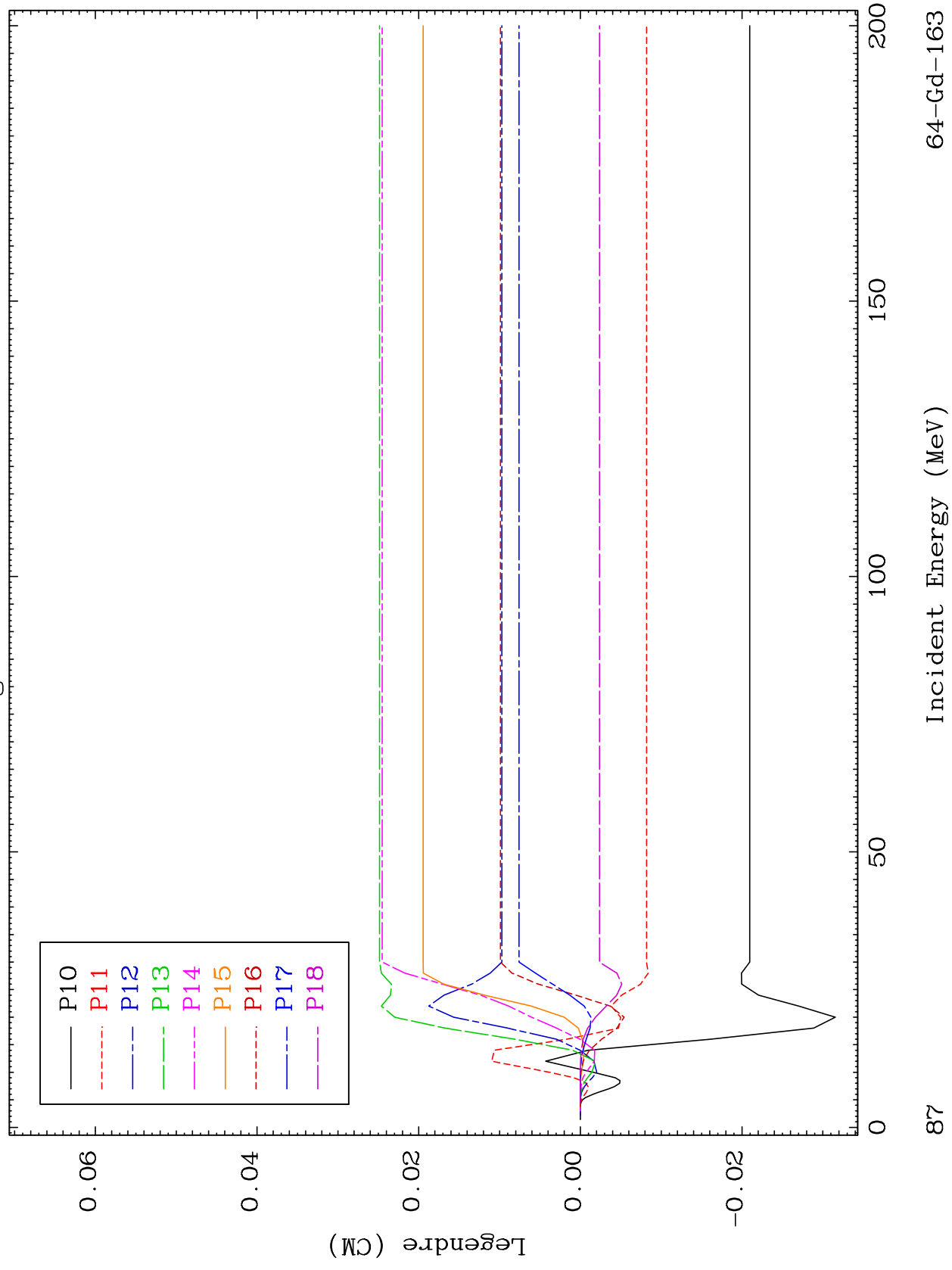
Incident Energy (MeV)

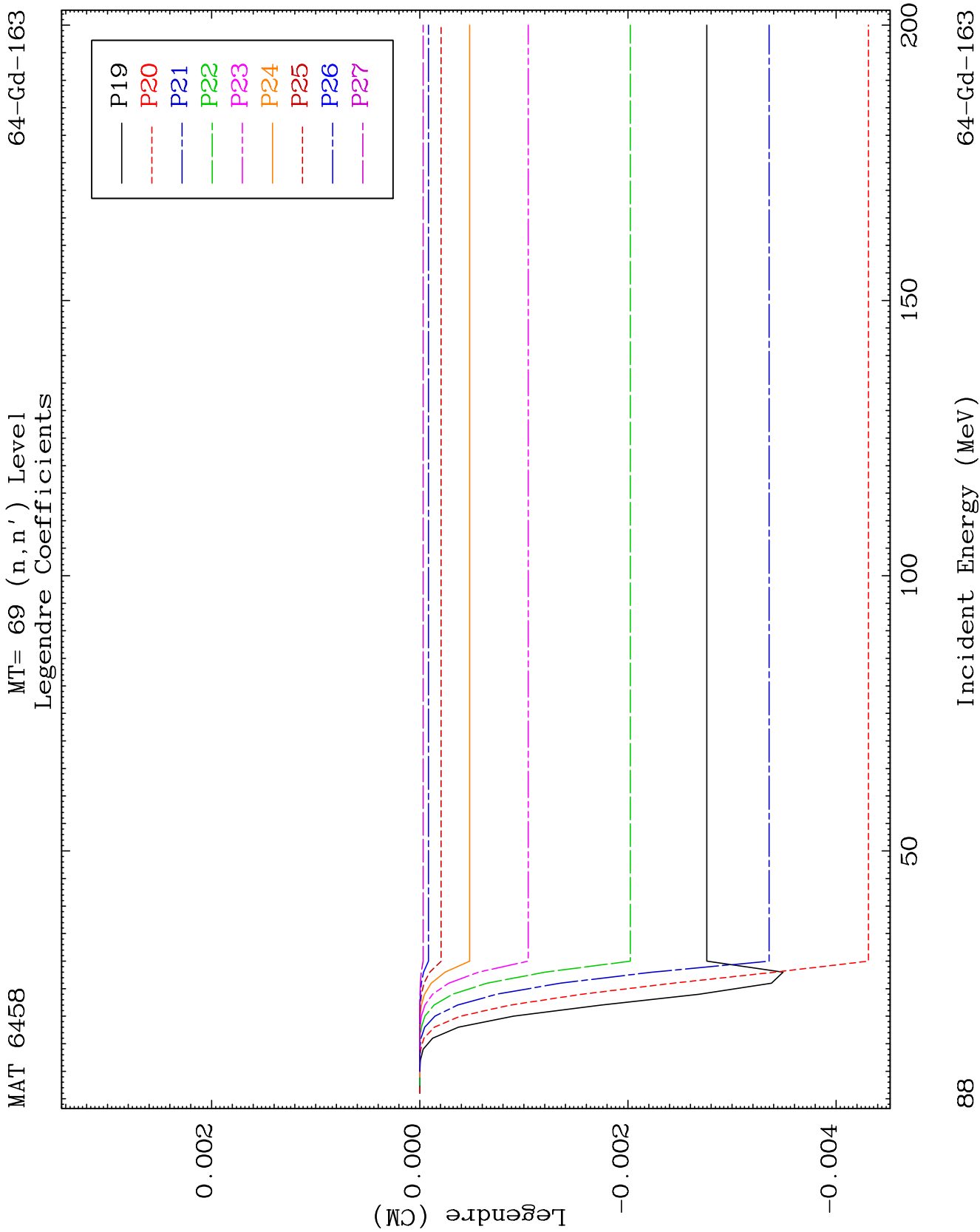
64-Gd-163

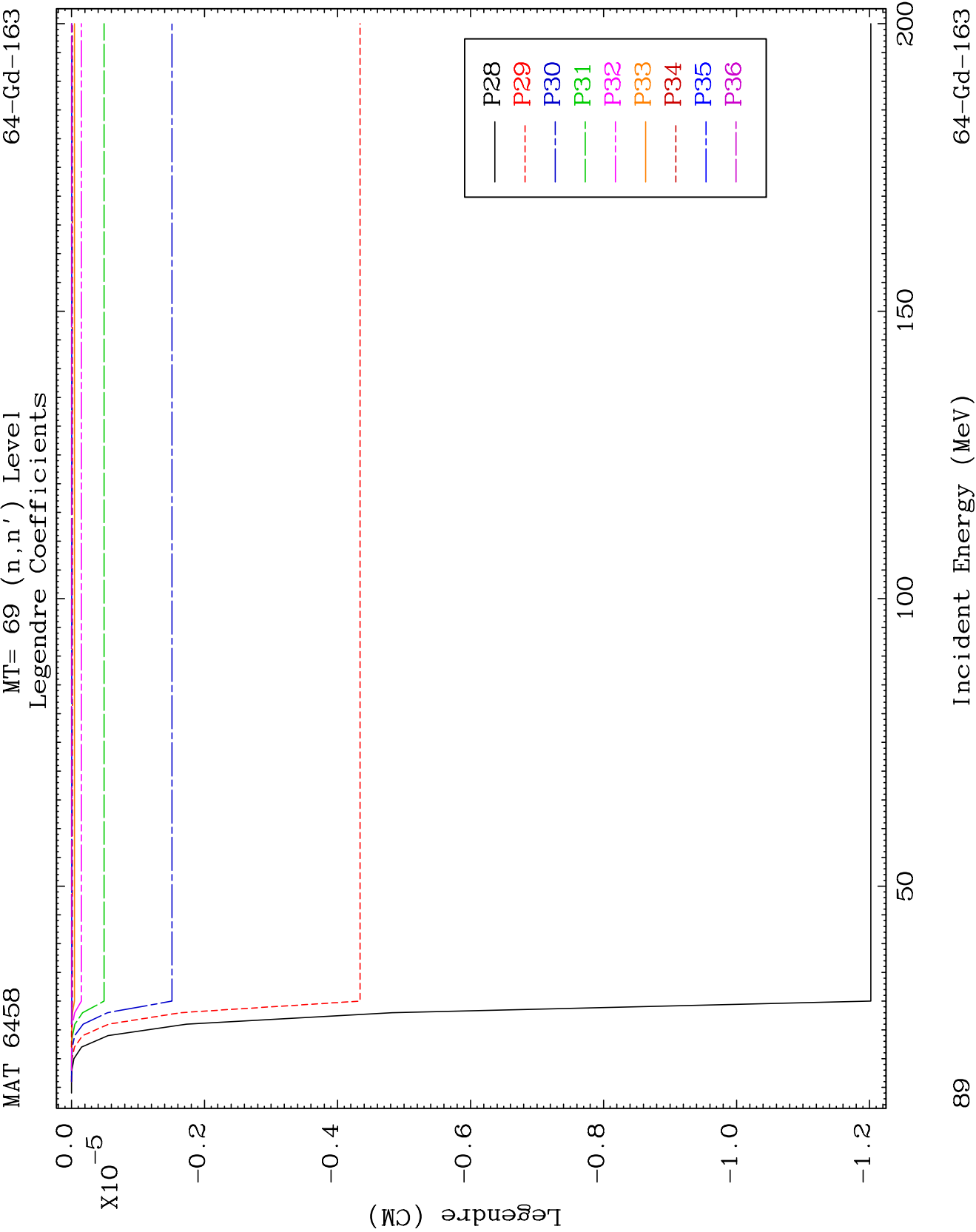
MAT 6458

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

64-Gd-163



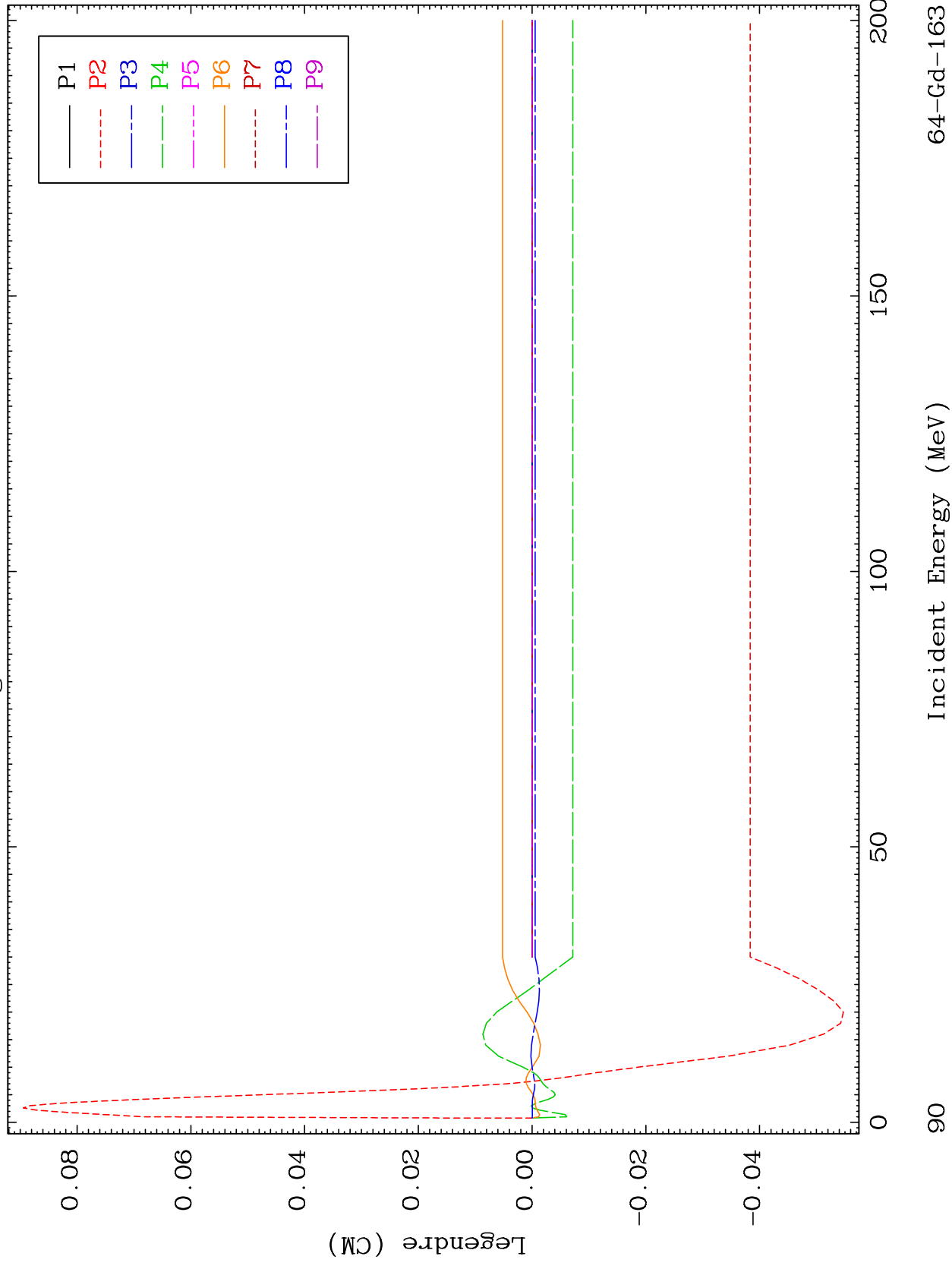


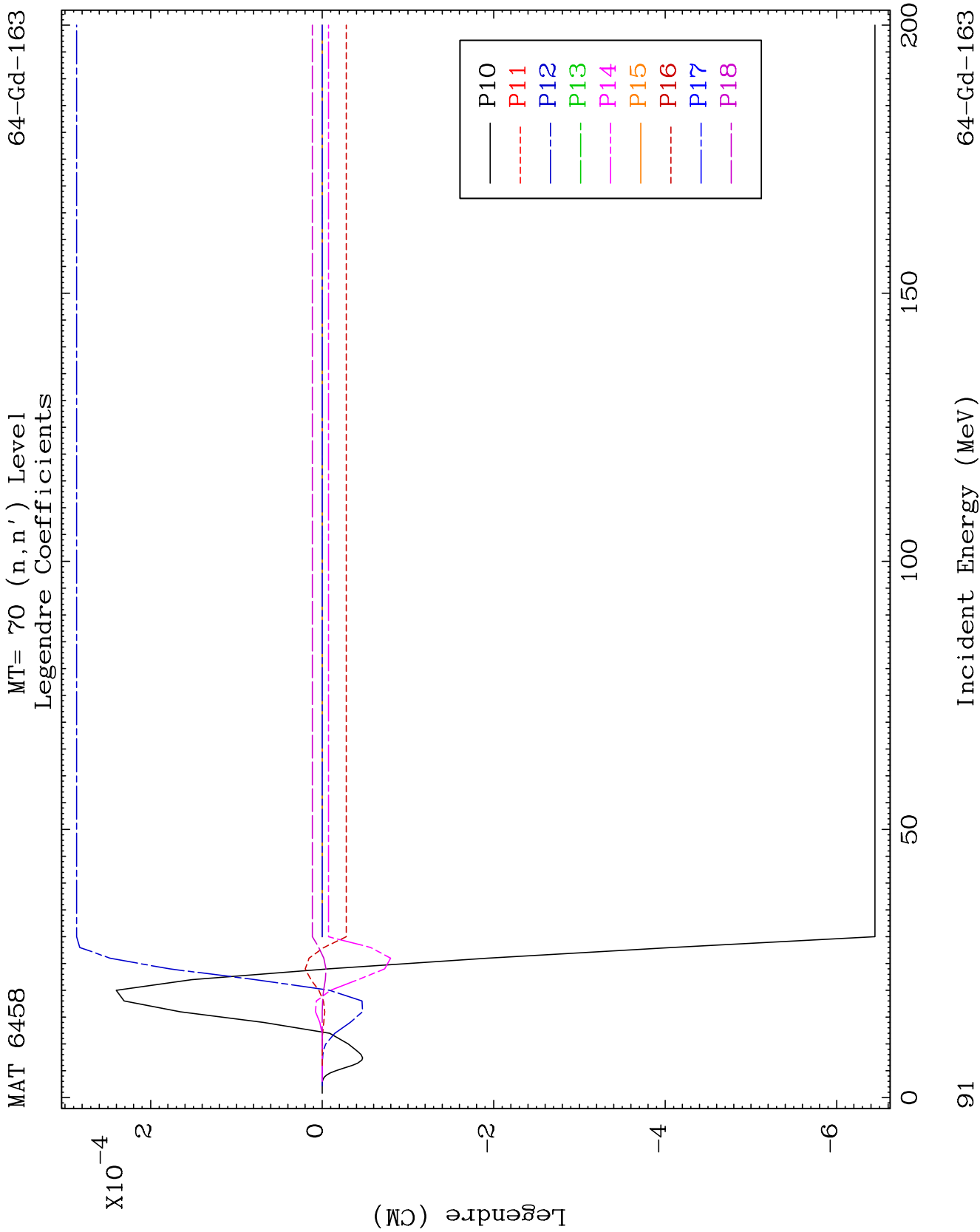


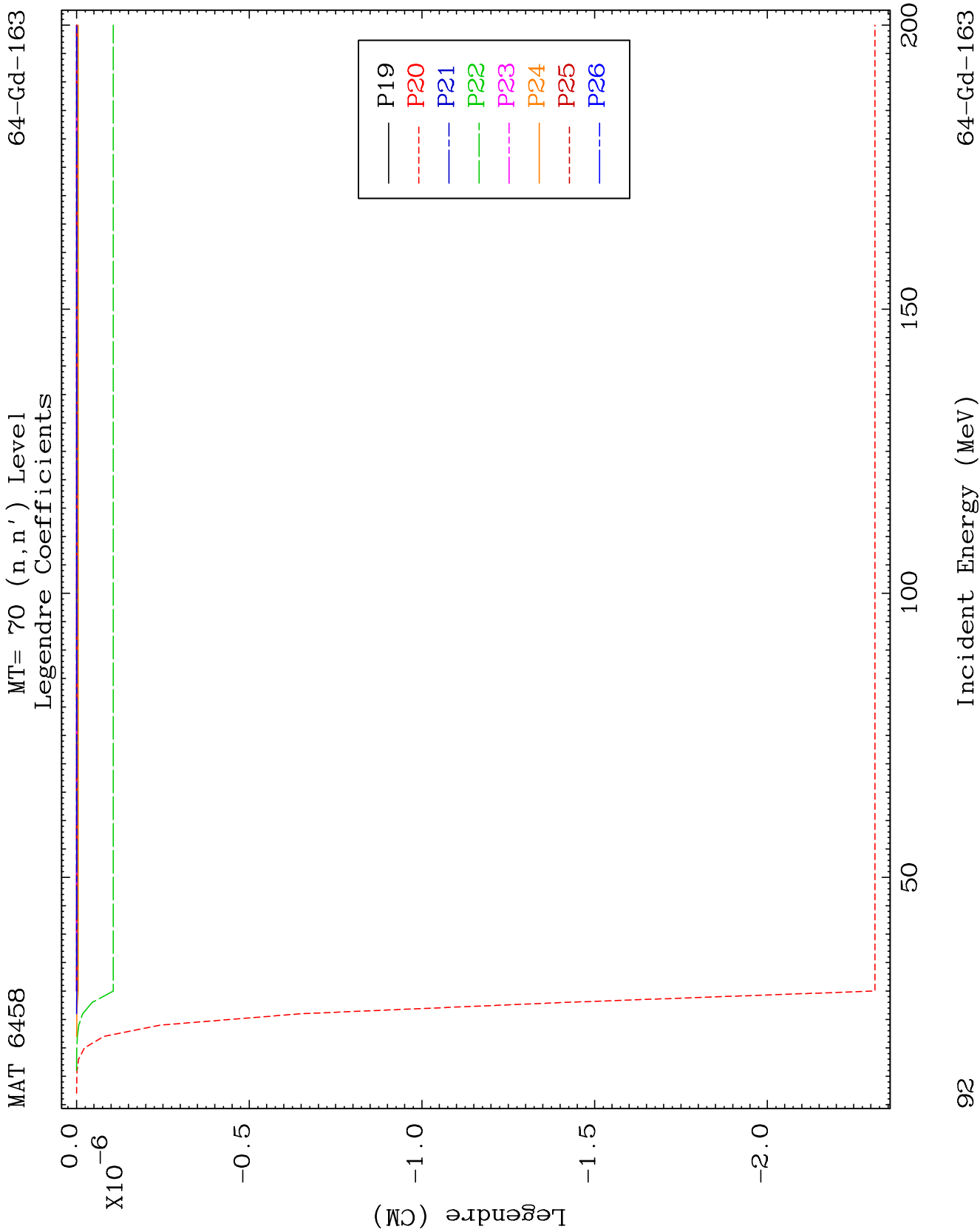
MAT 6458

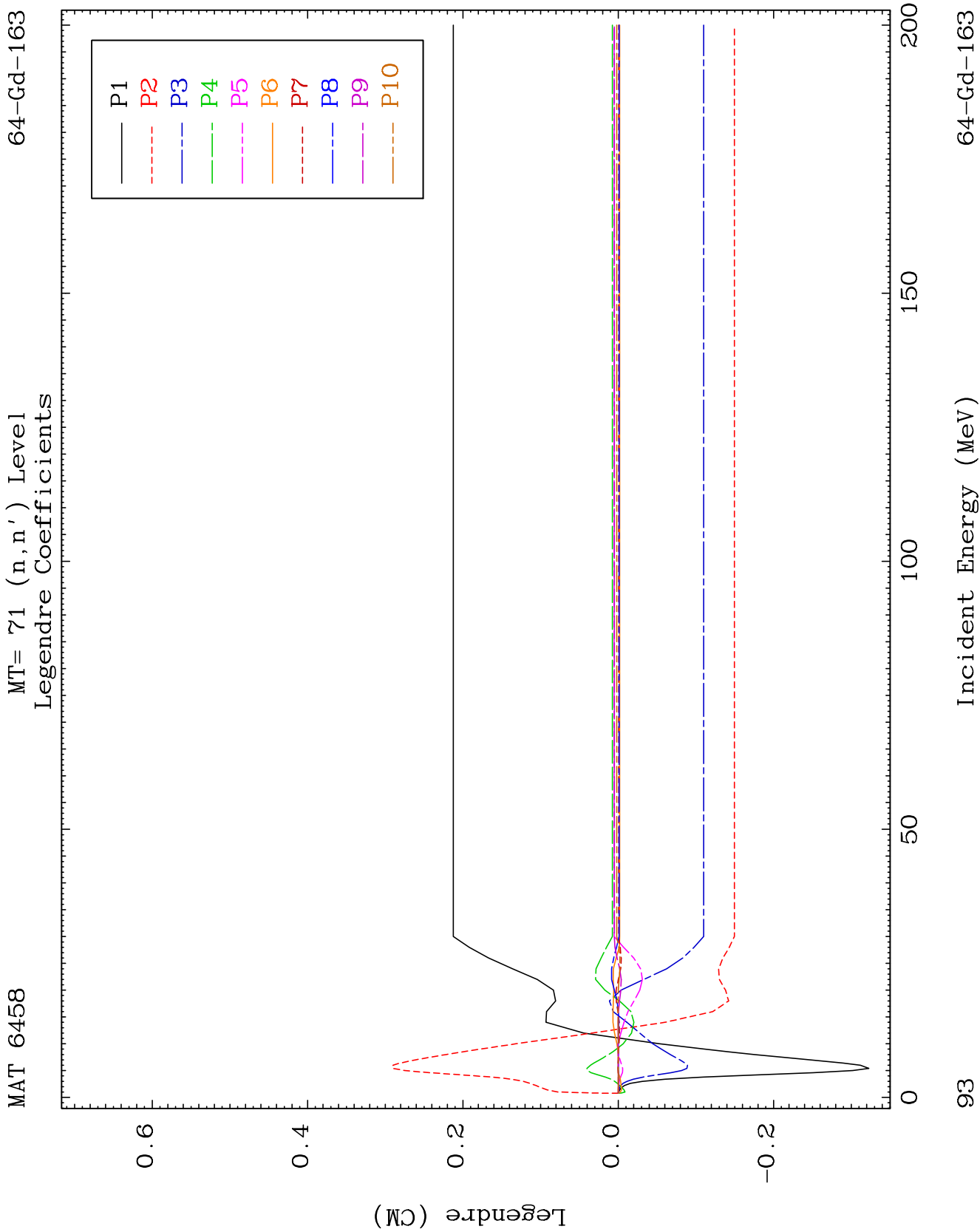
MT= 70 (n, n') Level
Legendre Coefficients

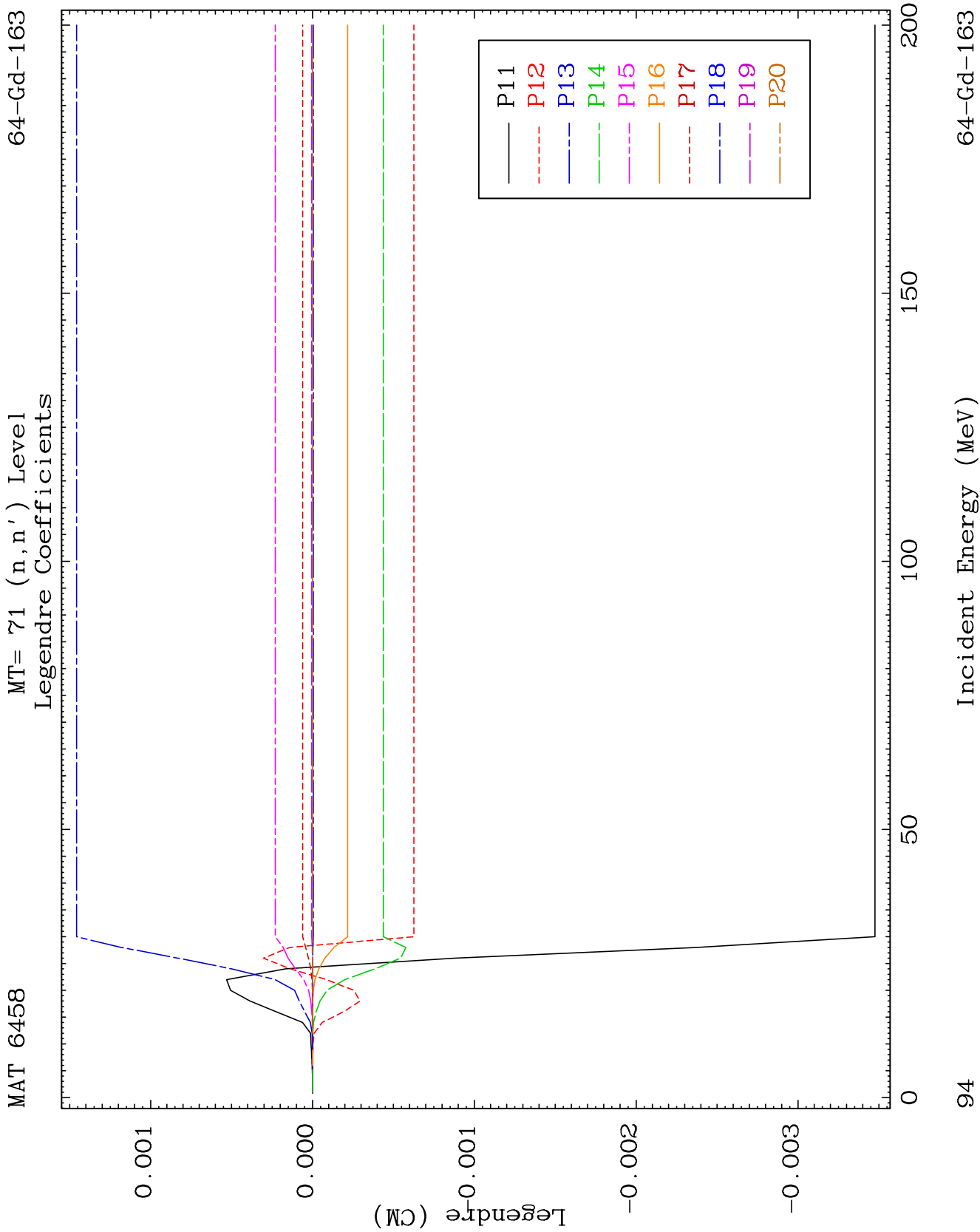
64-Gd-163

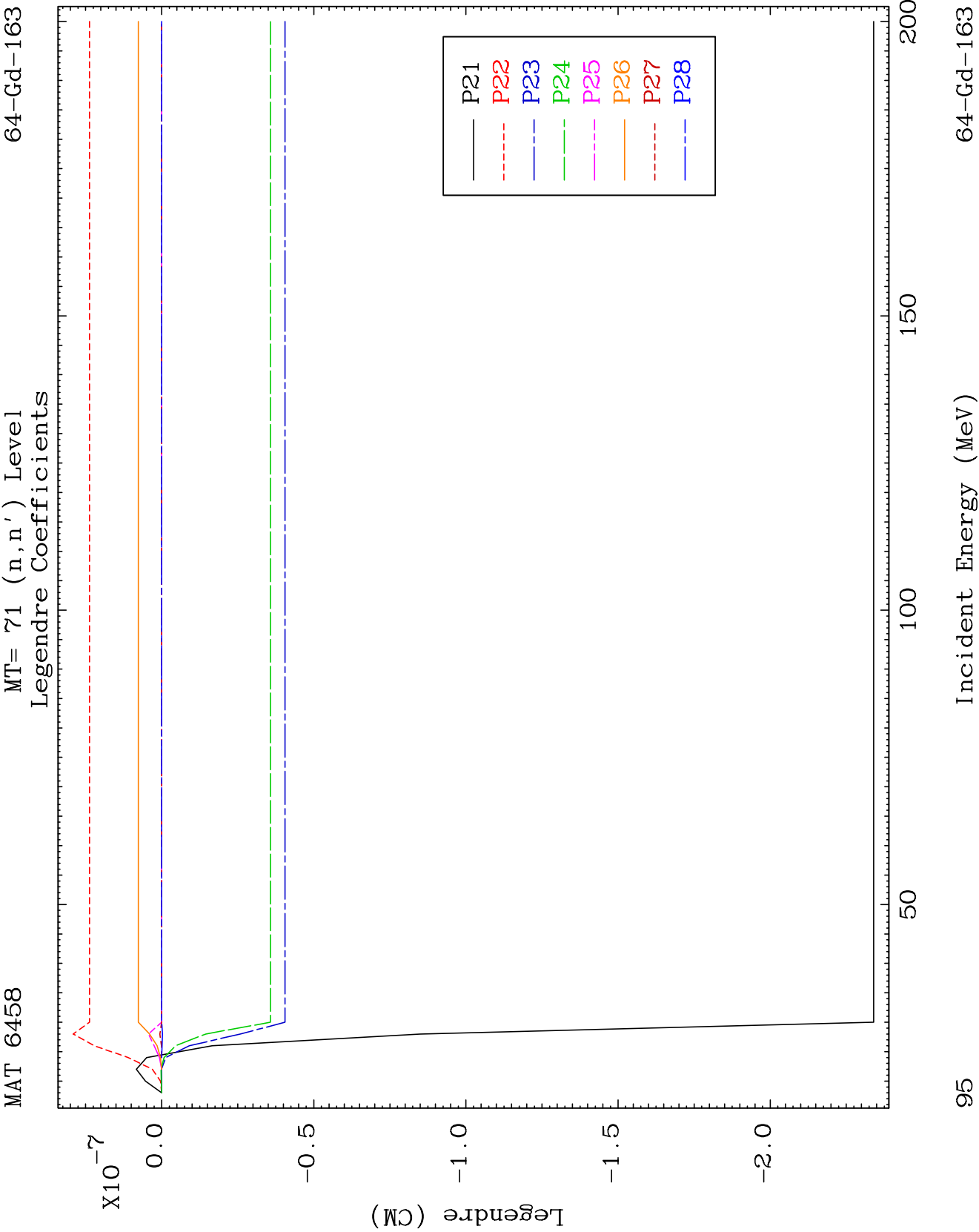


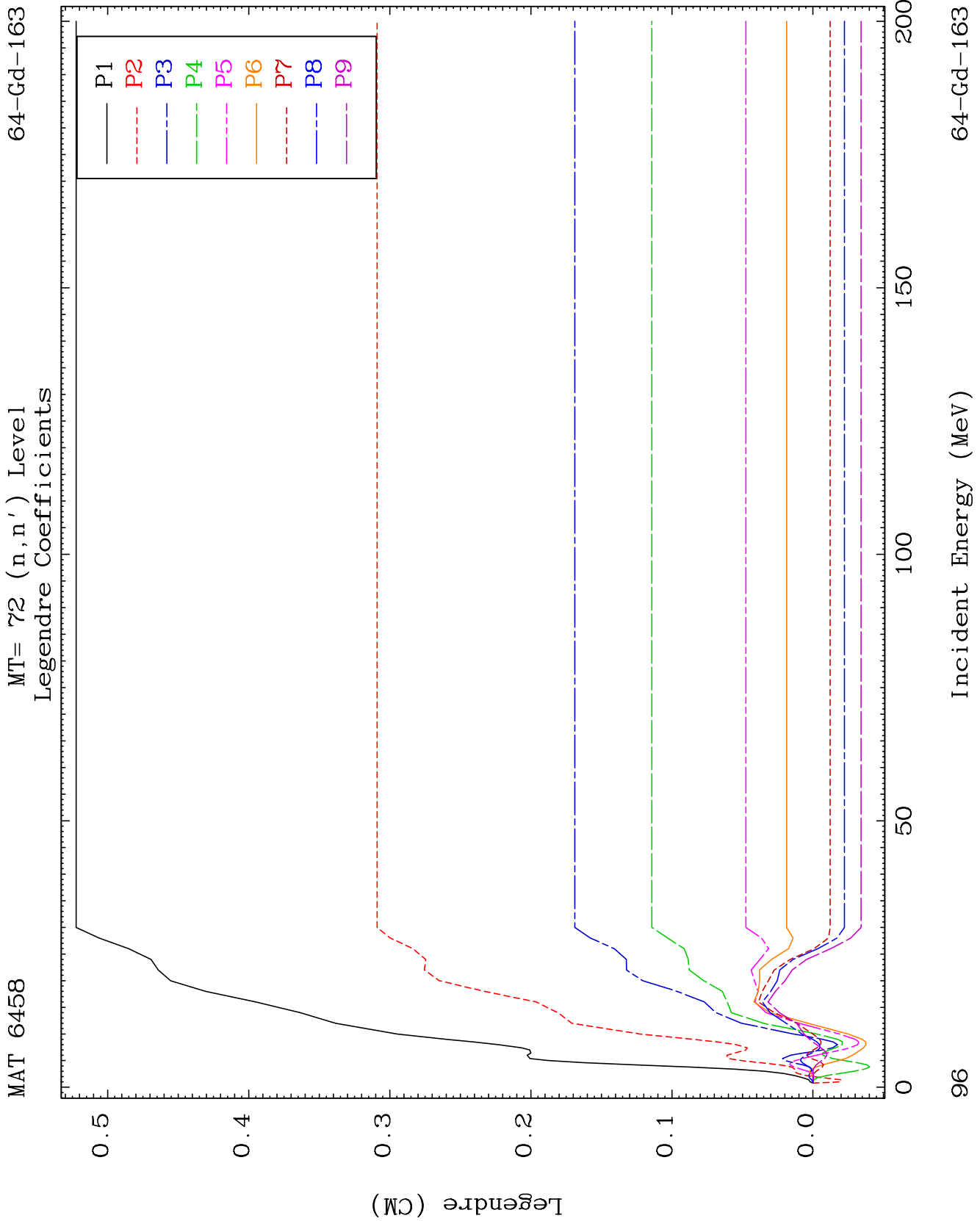








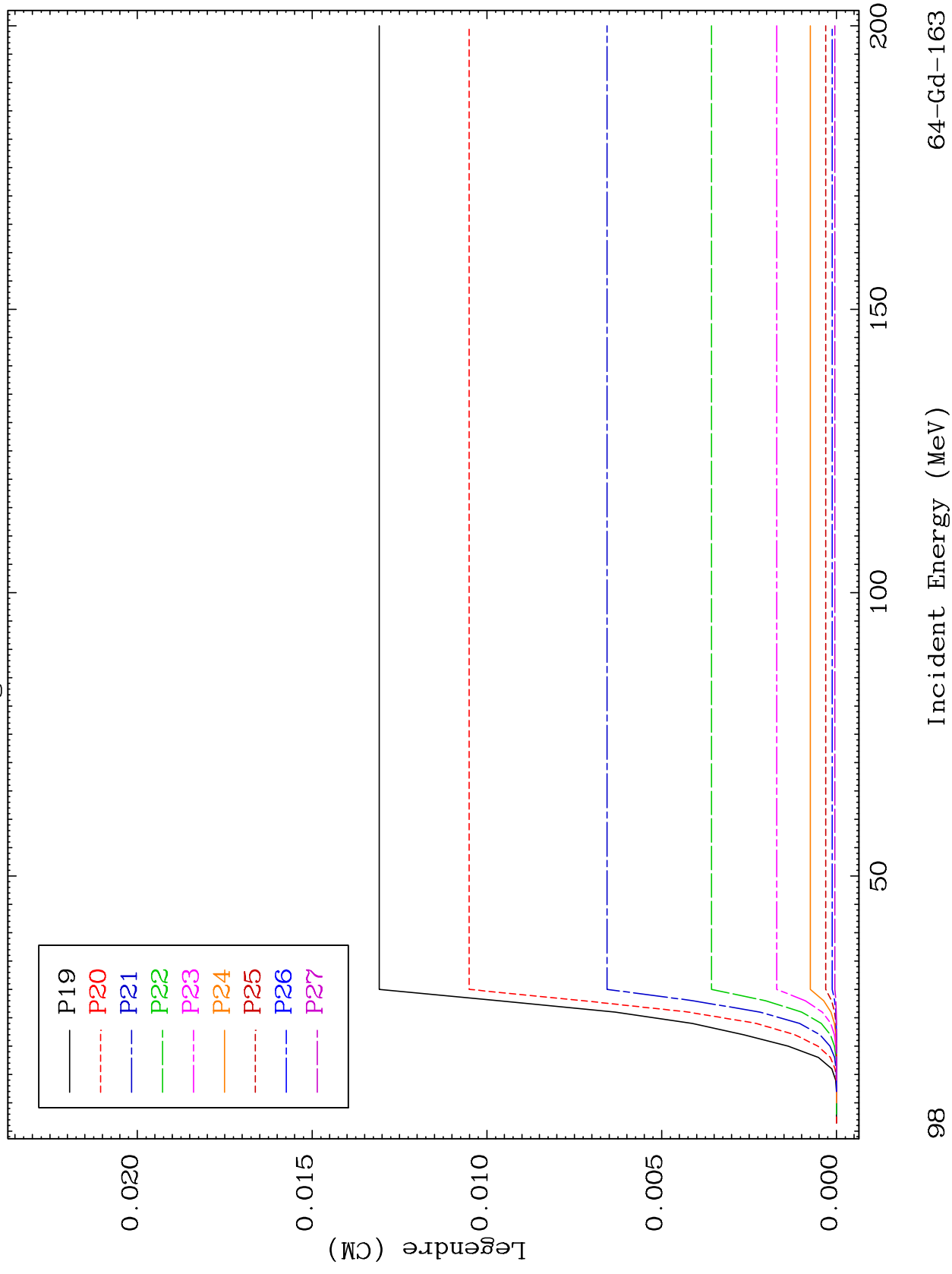


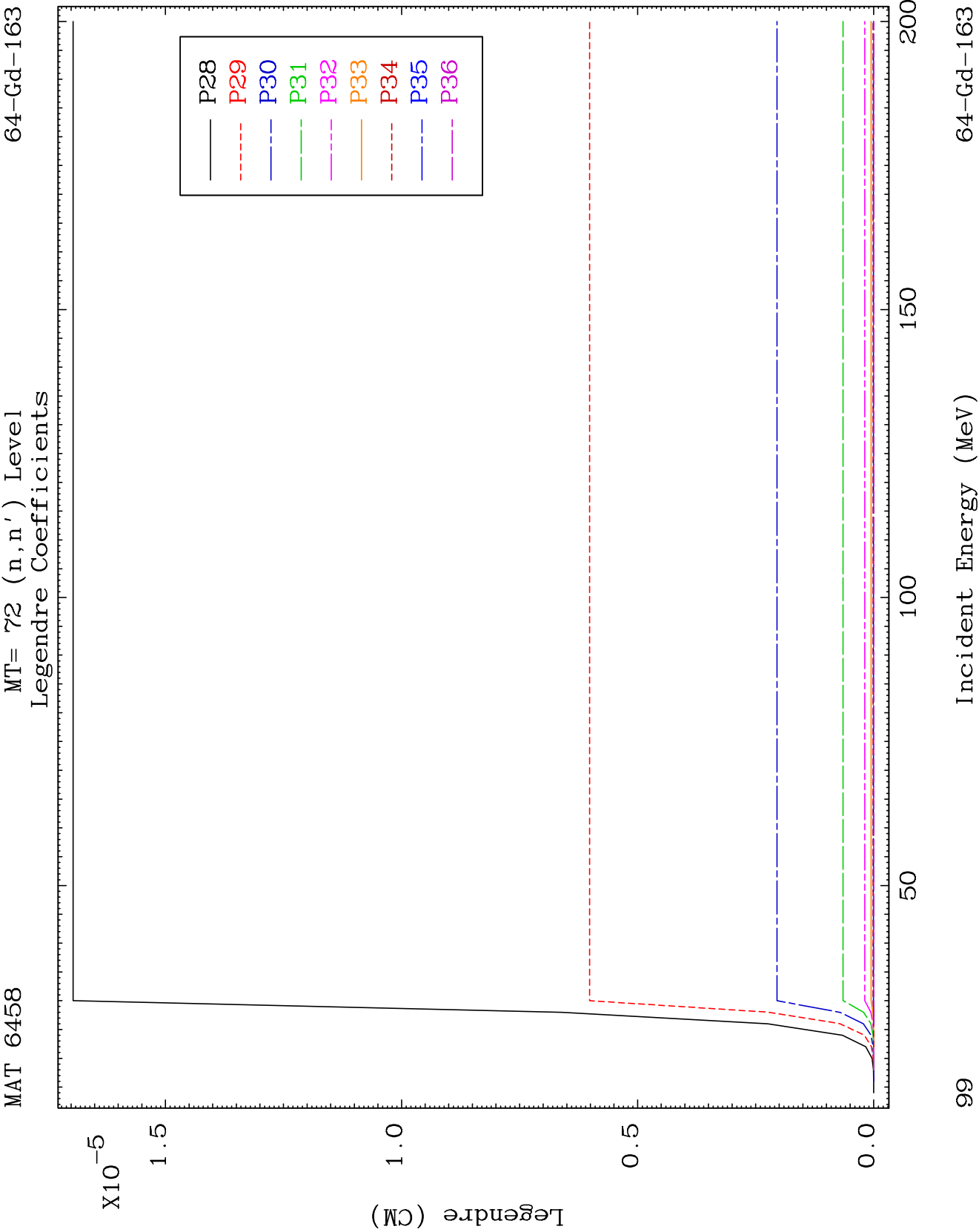


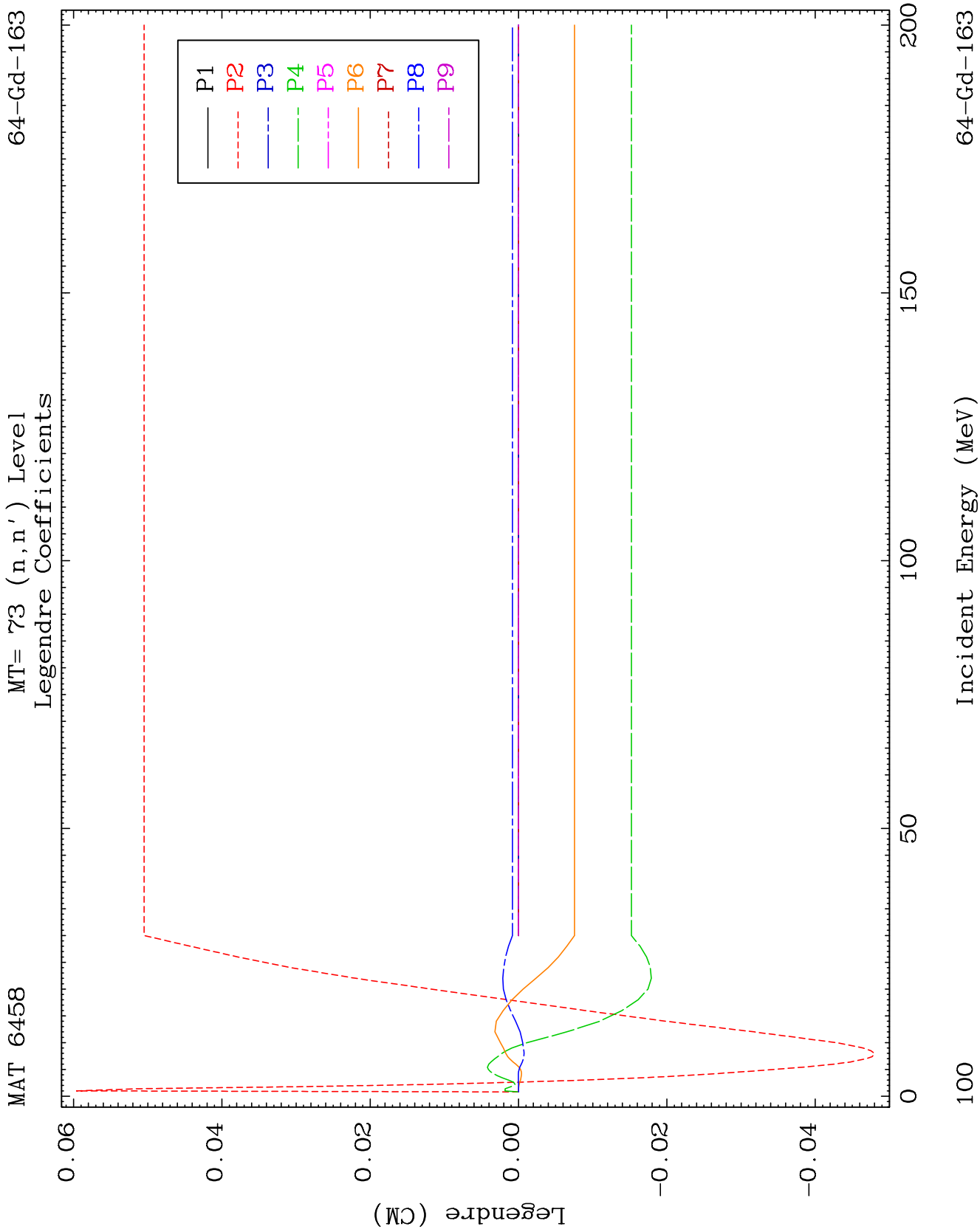
MAT 6458

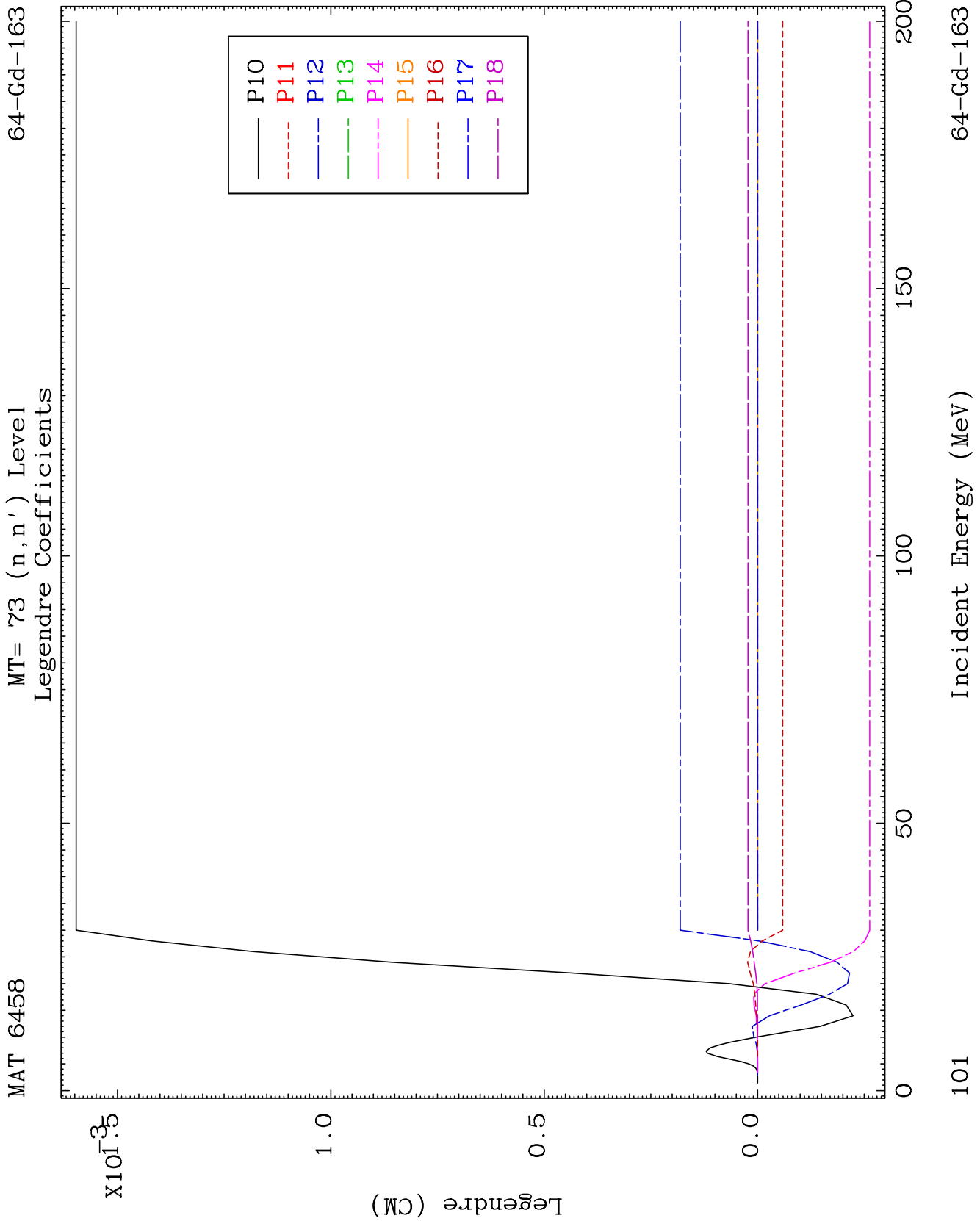
MT= 72 (n, n') Level
Legendre Coefficients

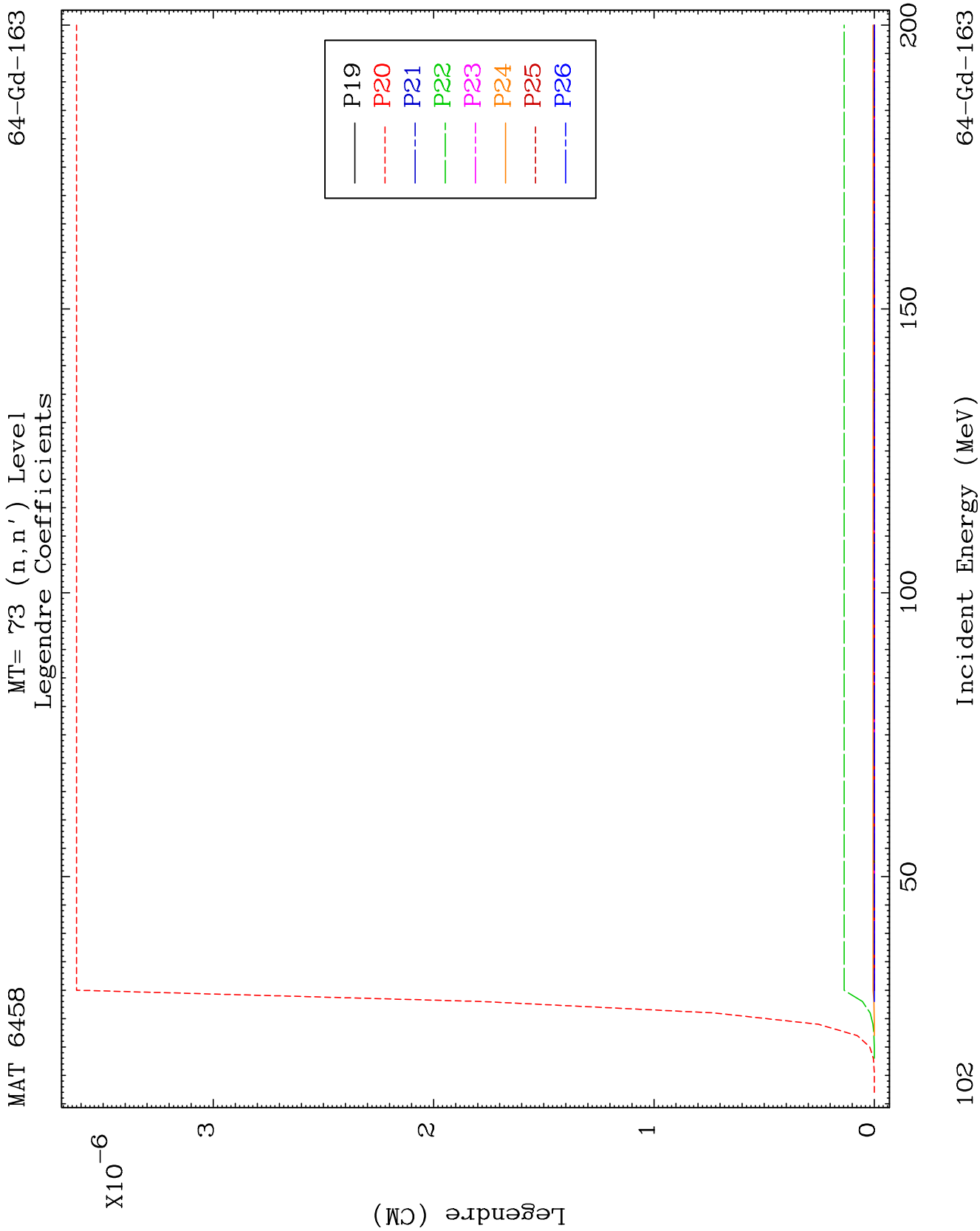
64-Gd-163







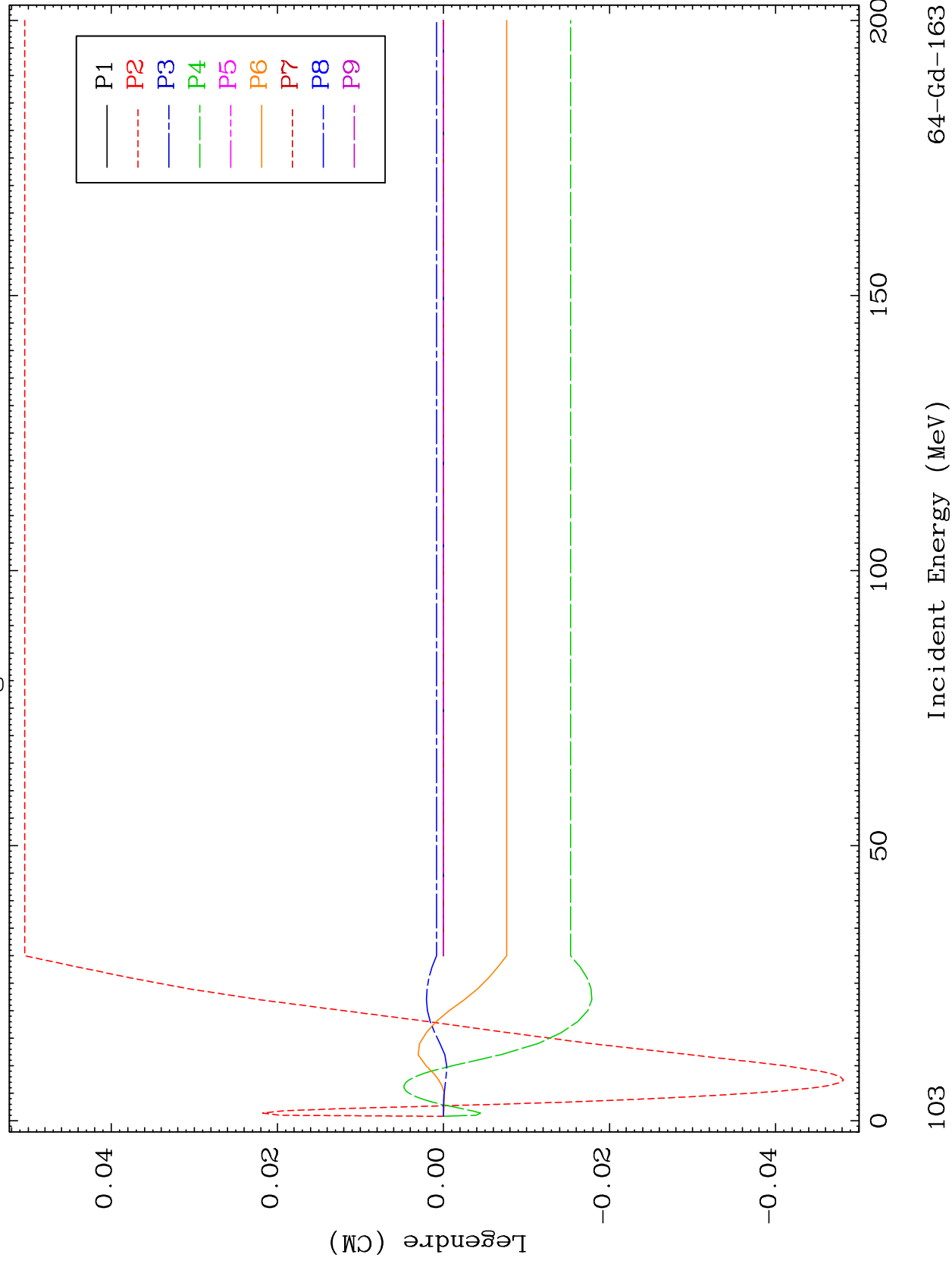


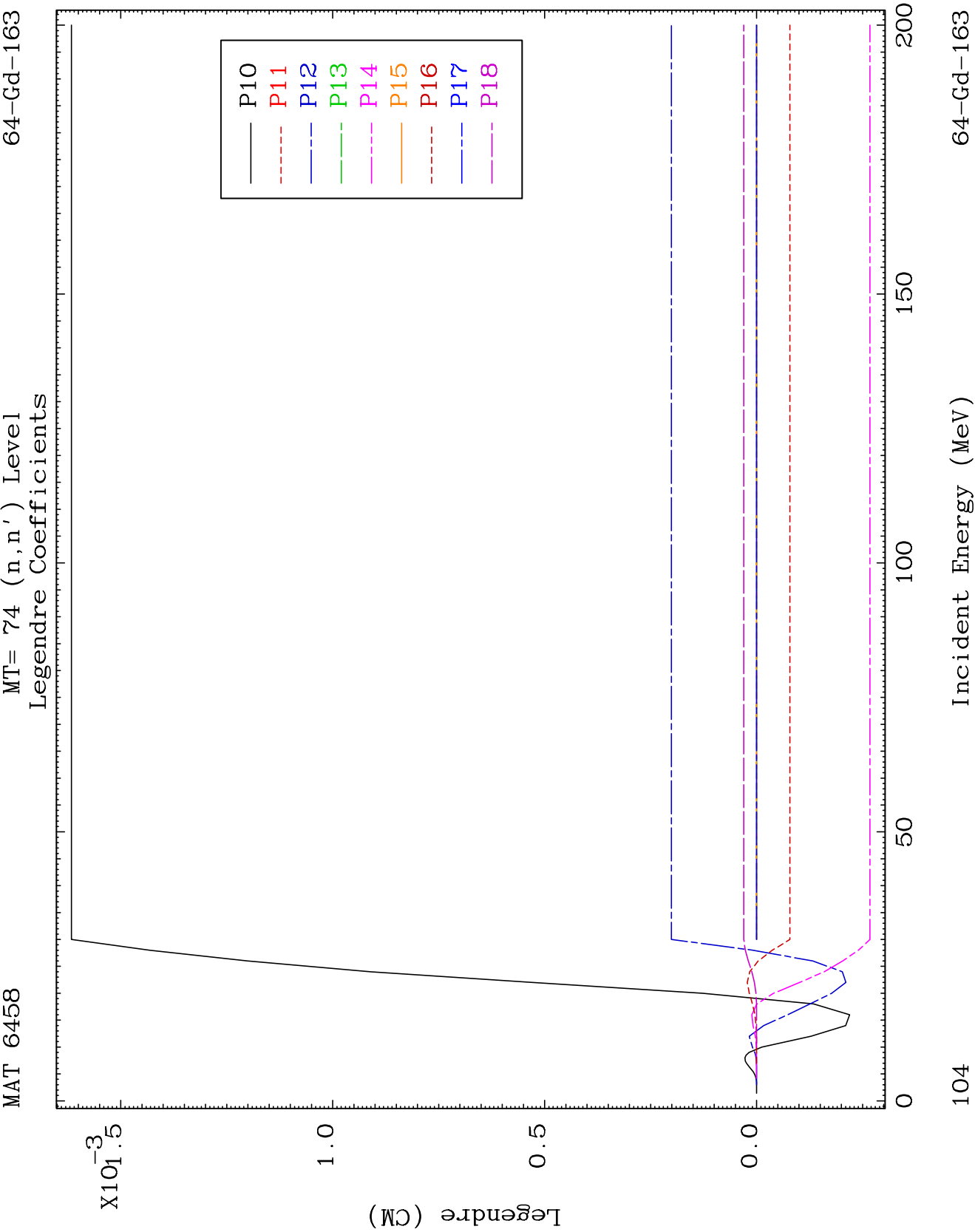


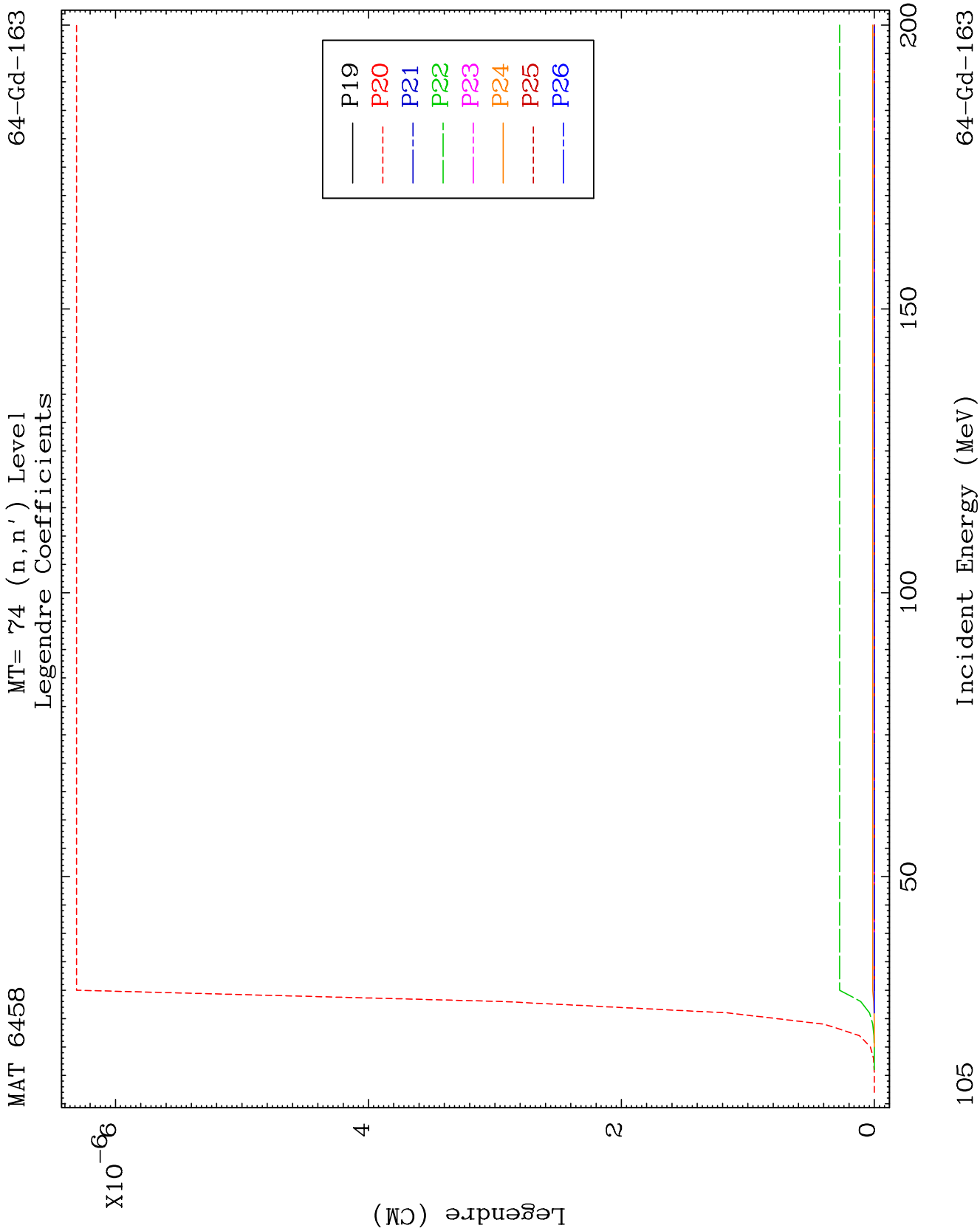
MAT 6458

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

64-Gd-163



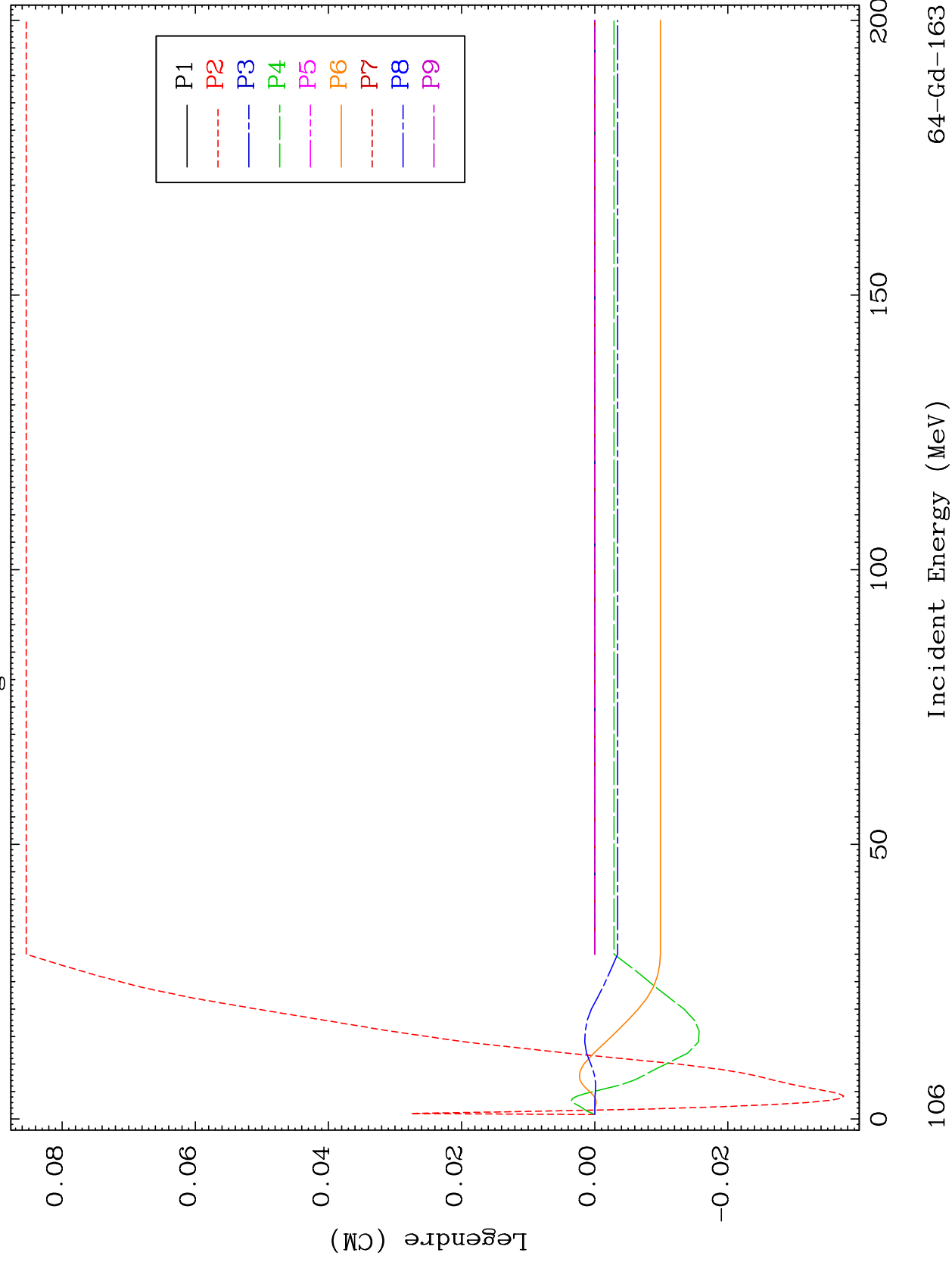


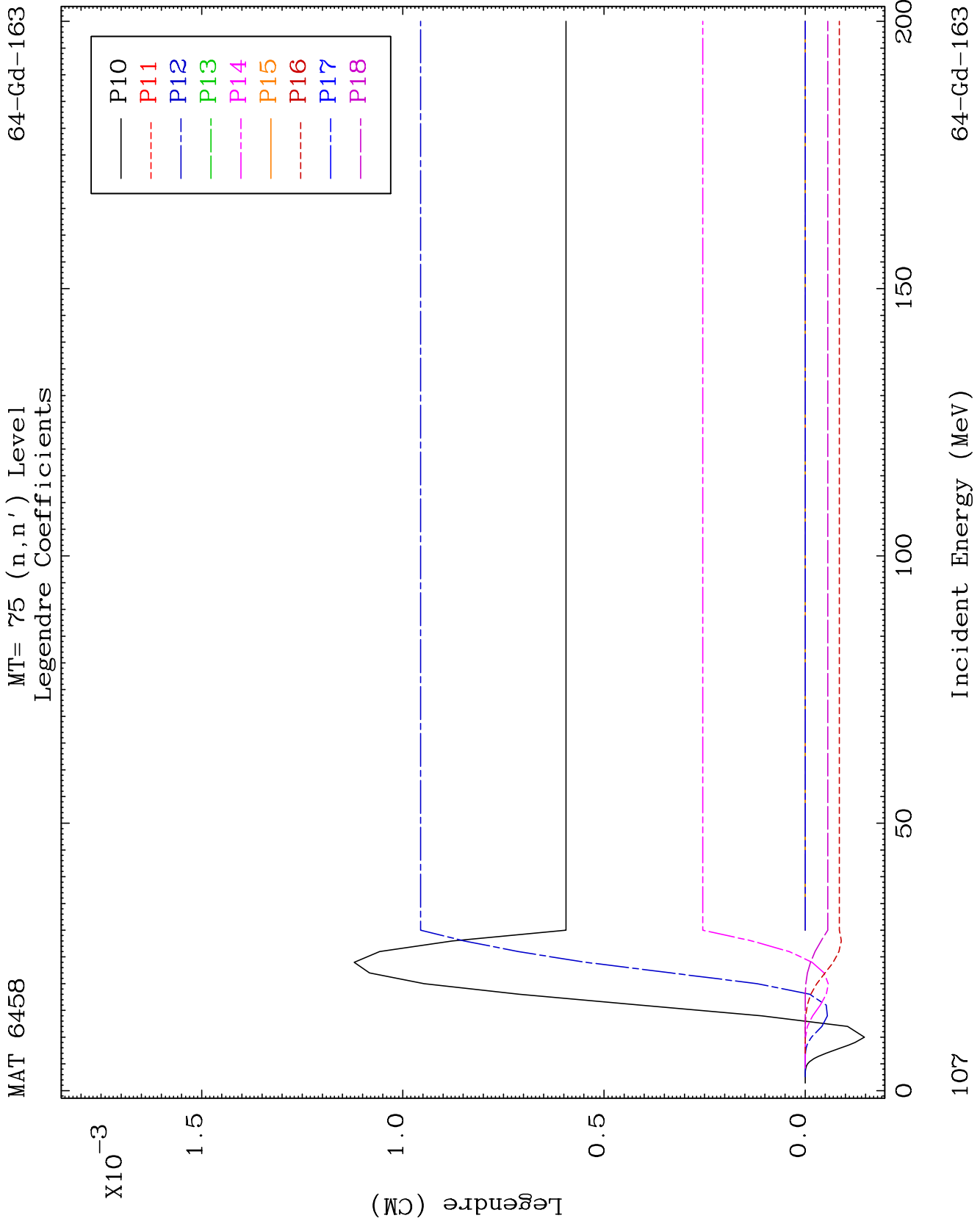


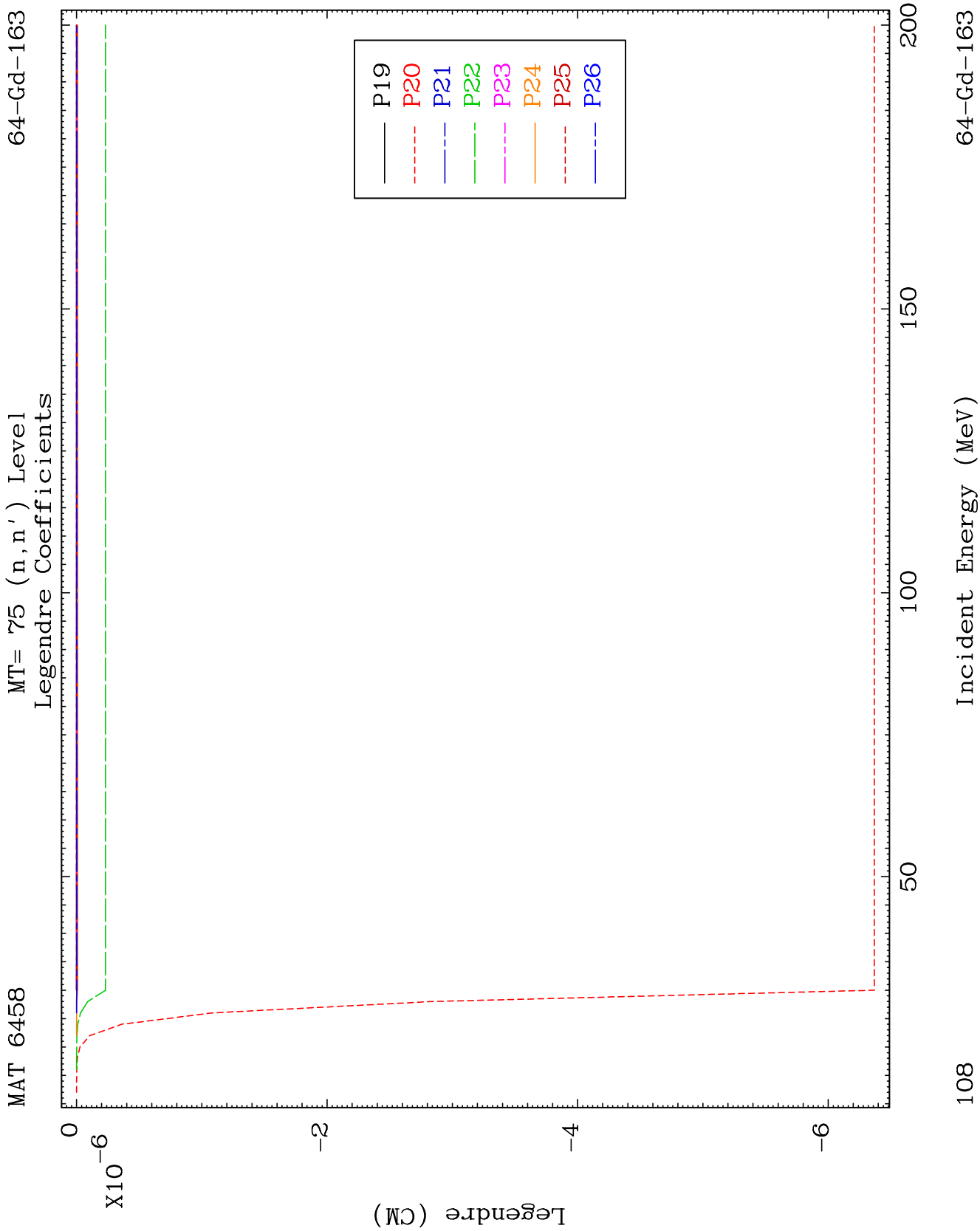
MAT 6458

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

64-Gd-163



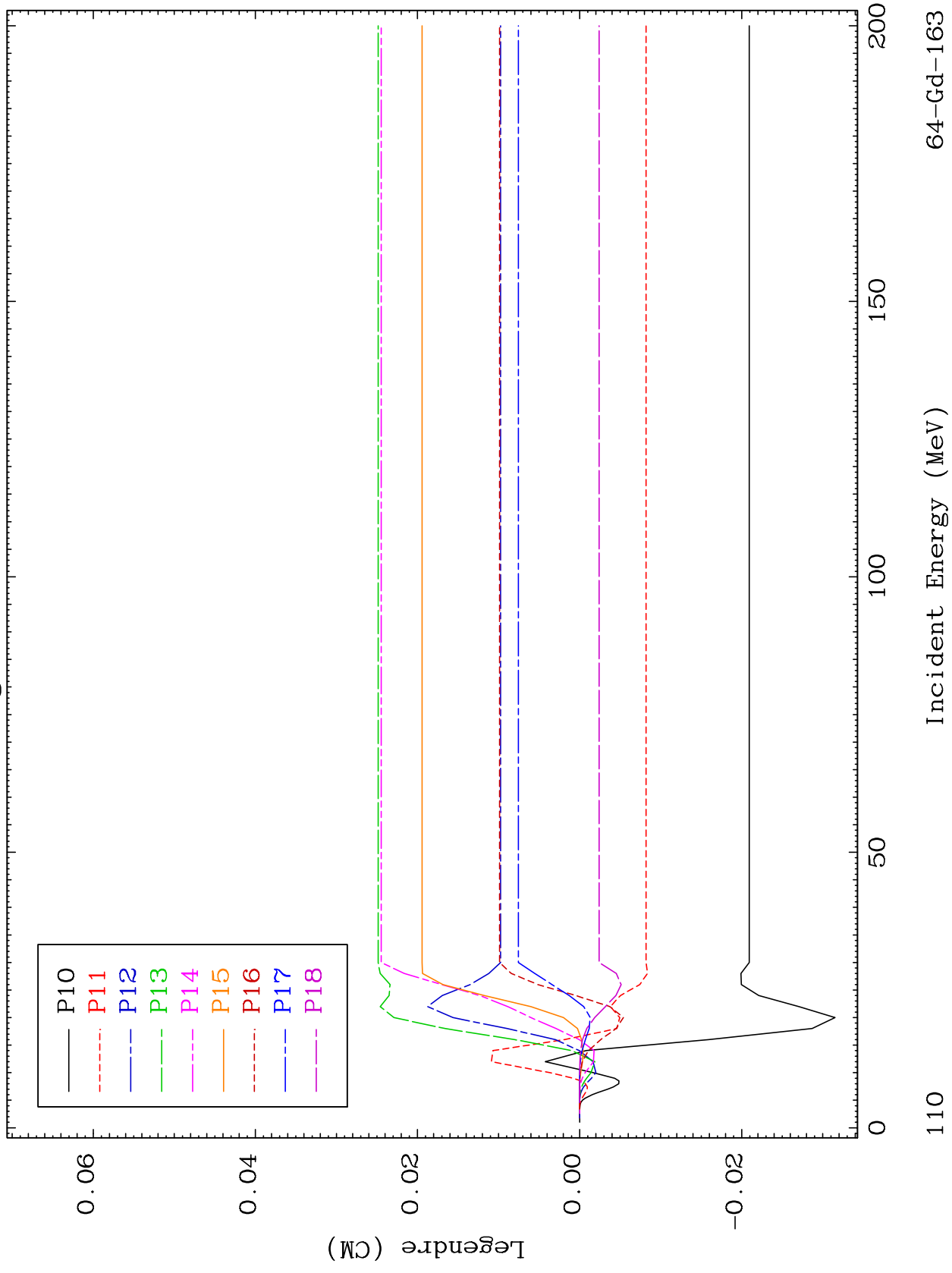


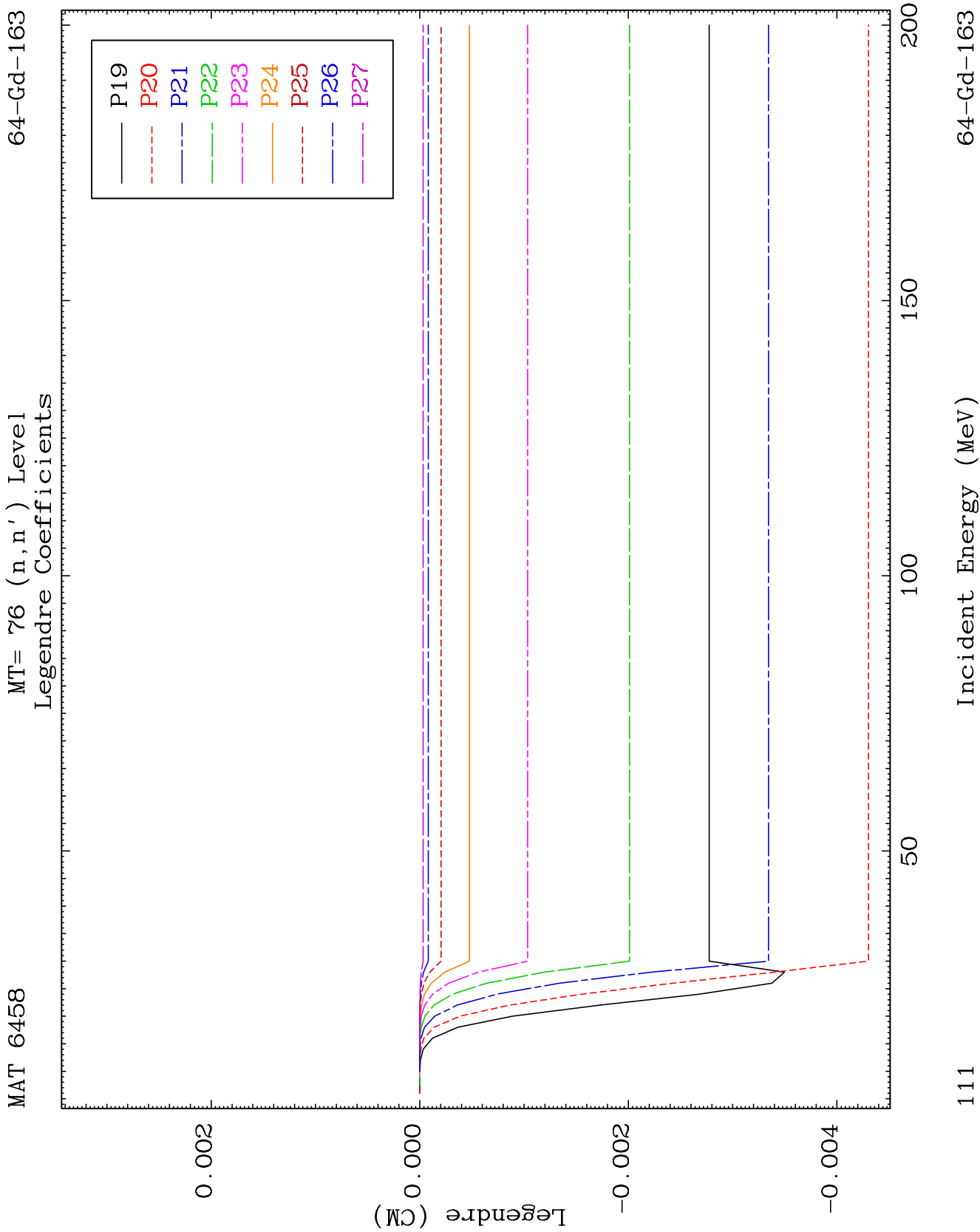


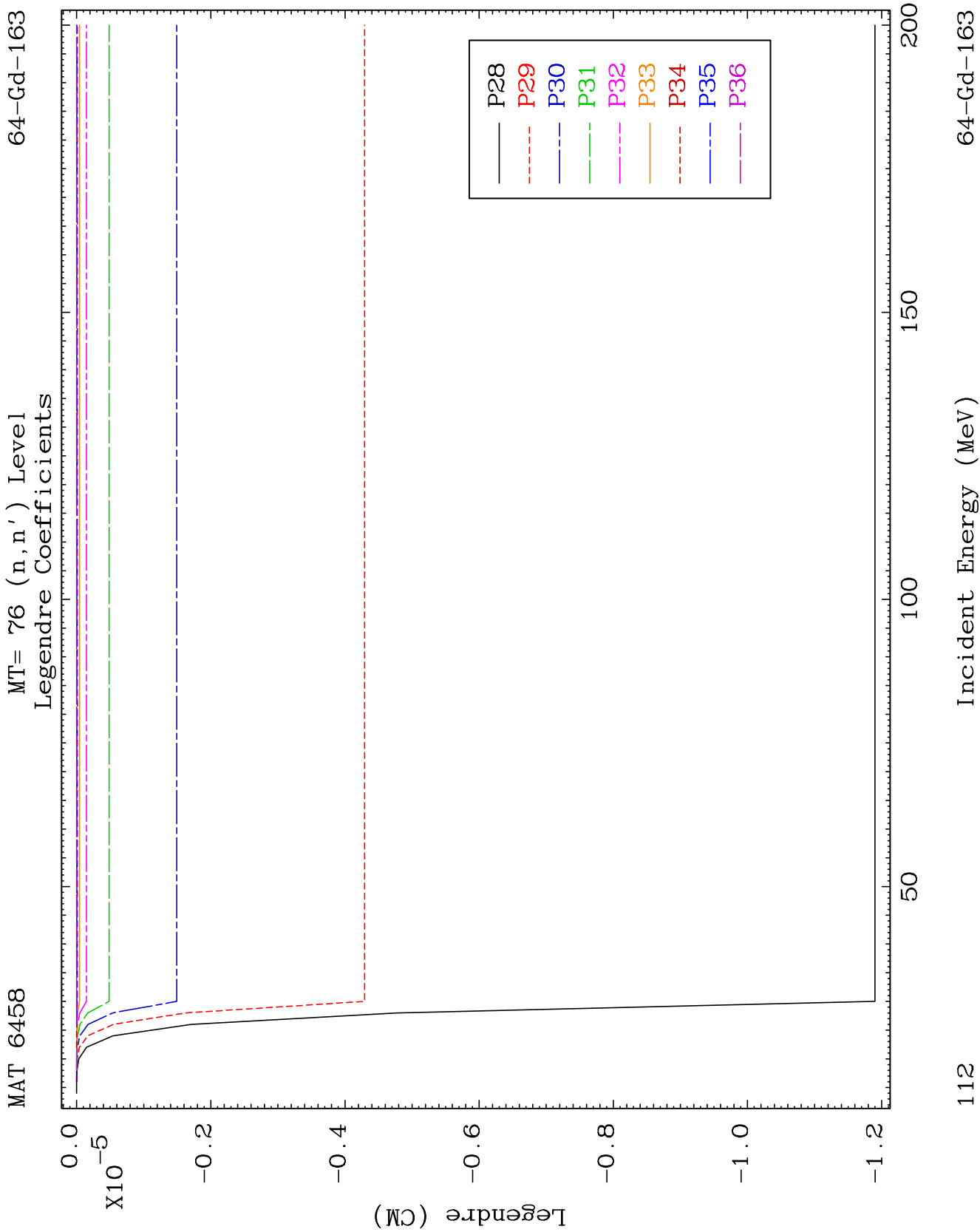
MAT 6458

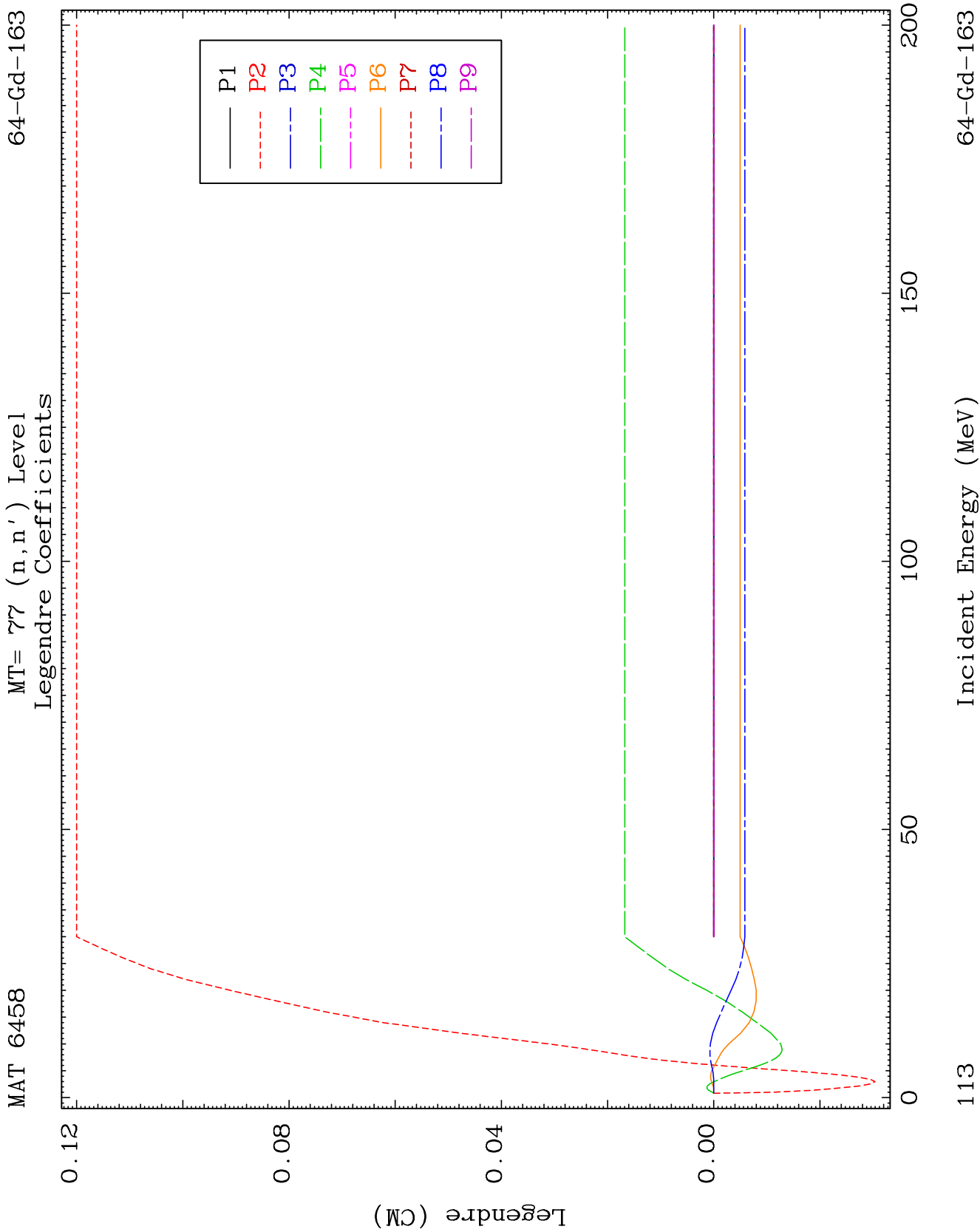
MT= 76 (n, n') Level
Legendre Coefficients

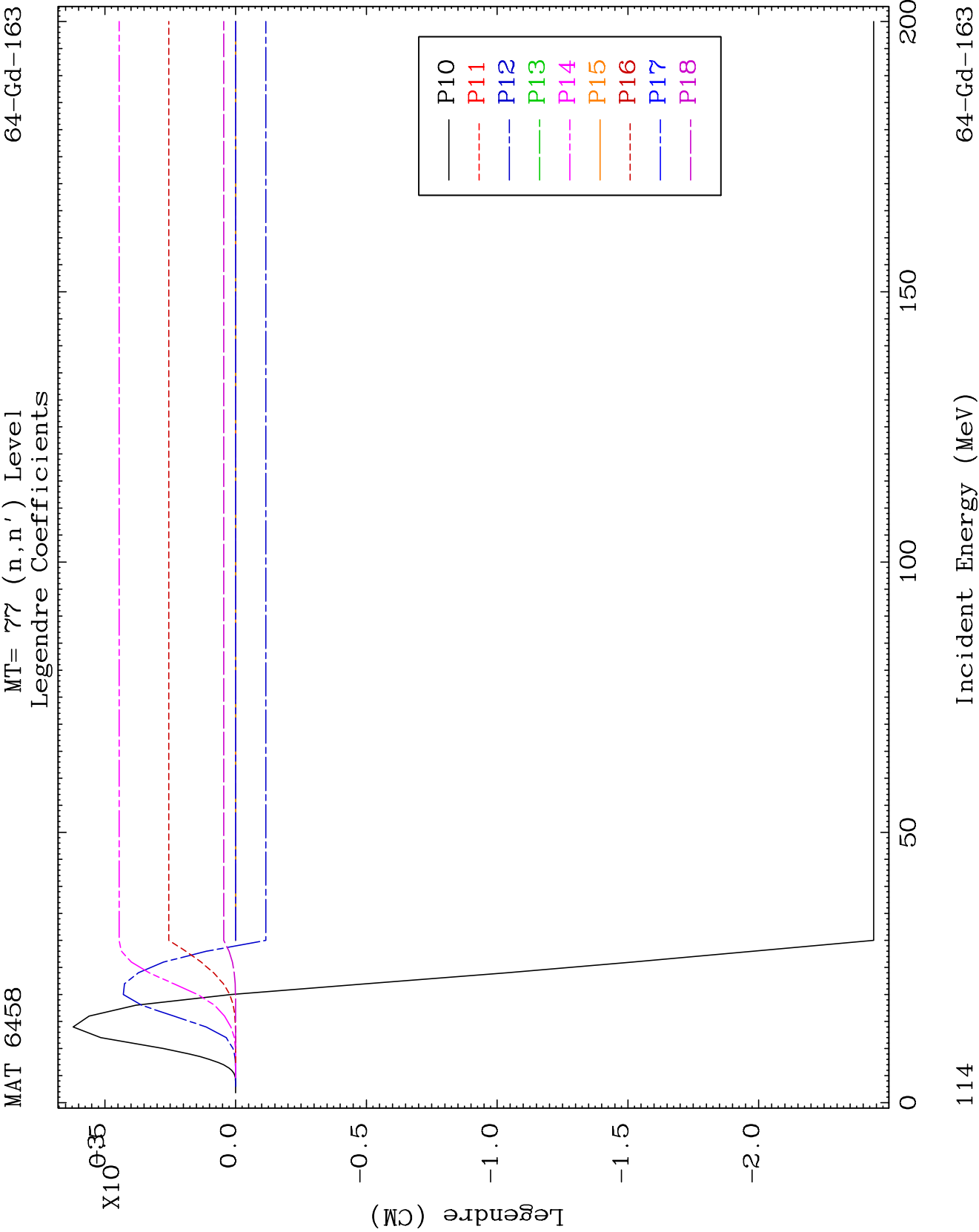
64-Gd-163

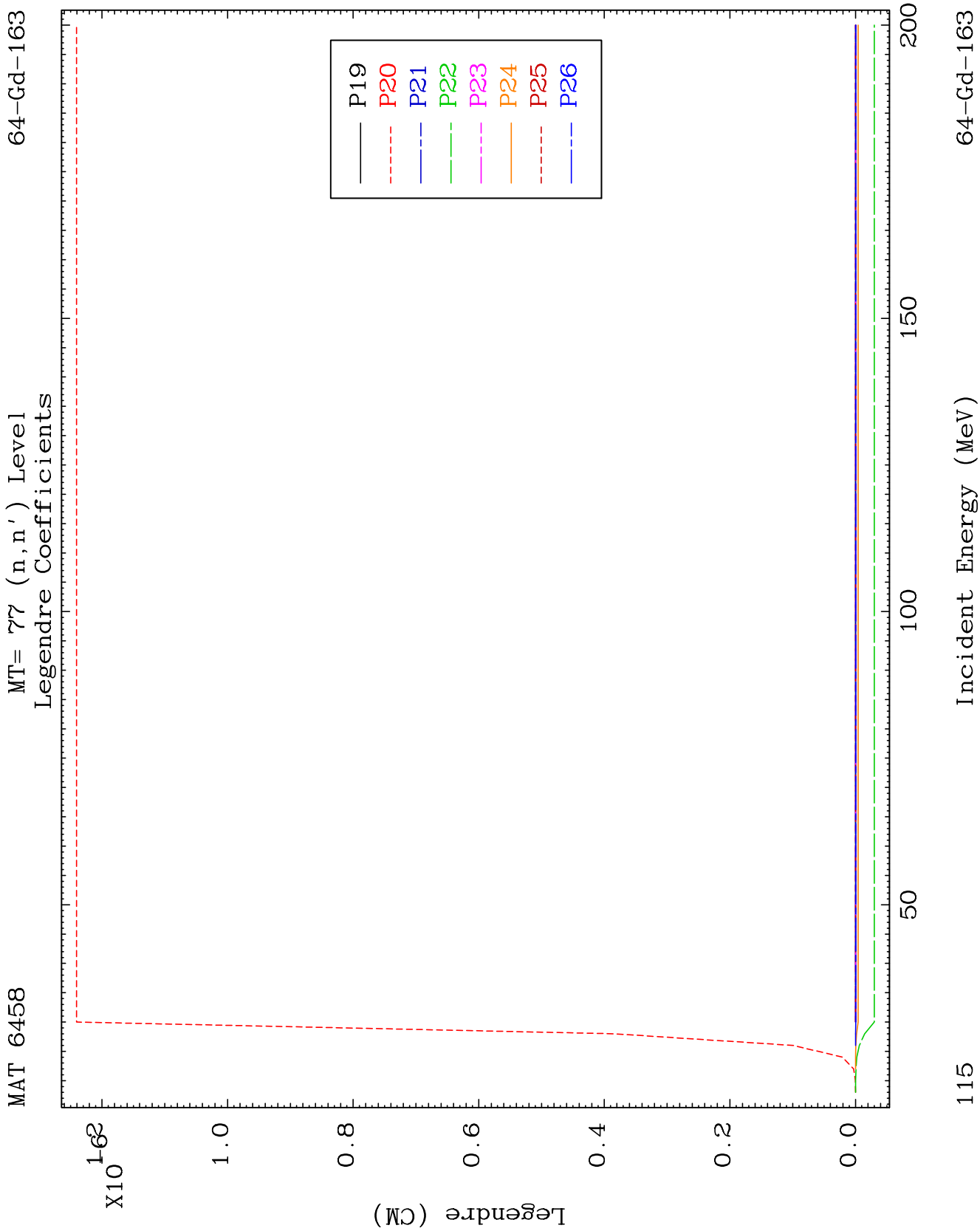








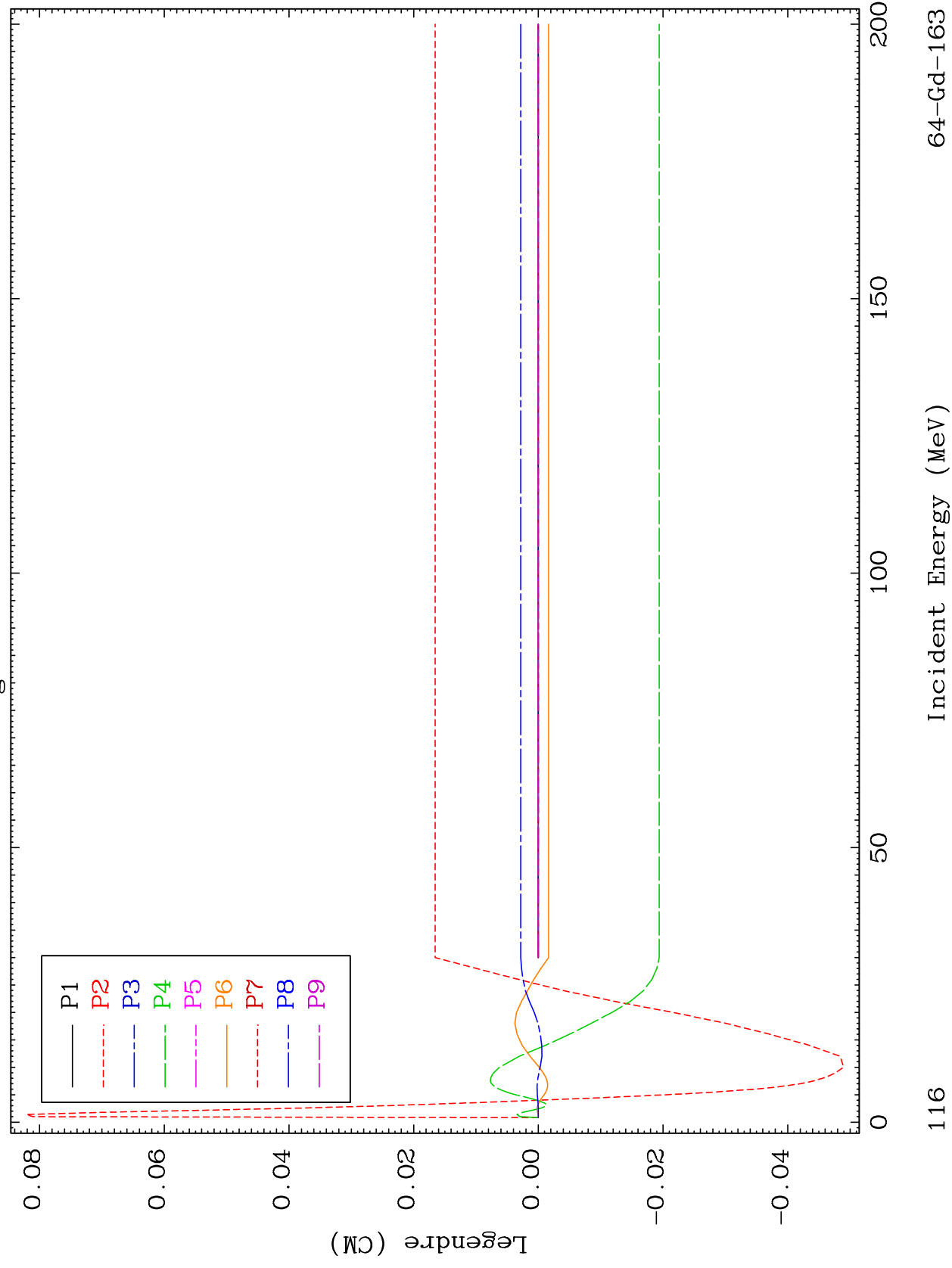




MAT 6458

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

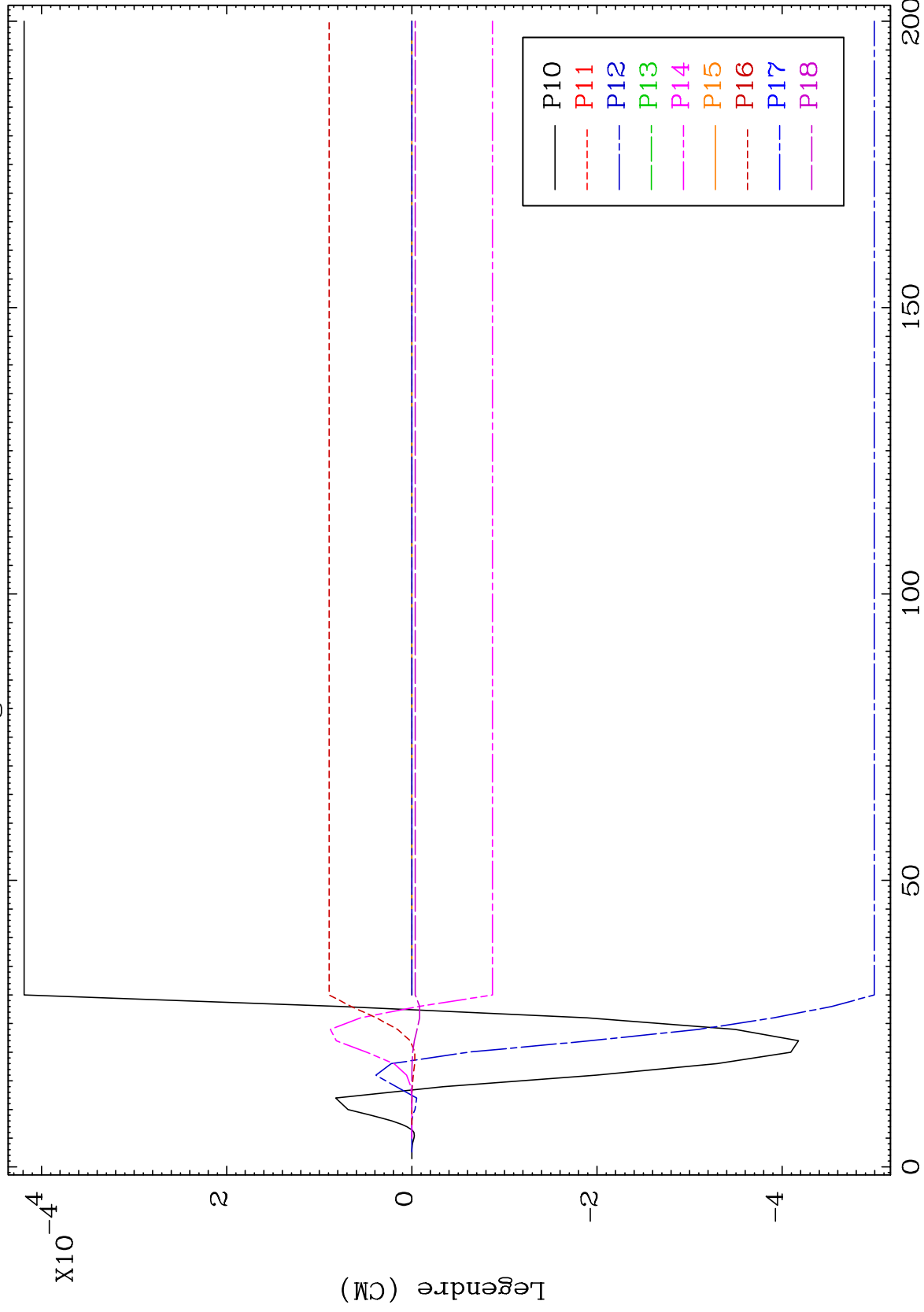
64-Gd-163



MAT 6458

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

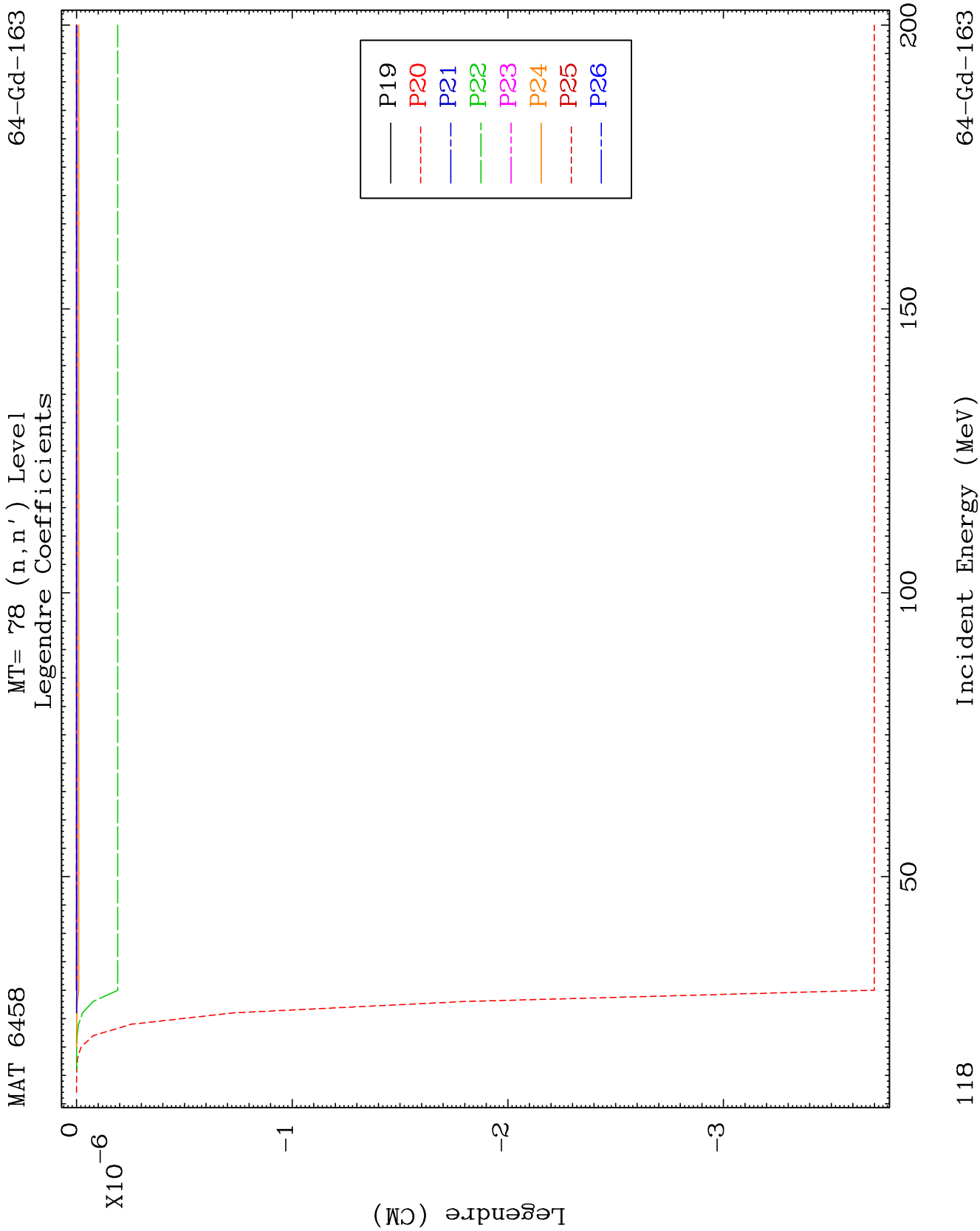
64-Gd-163



117

Incident Energy (MeV)

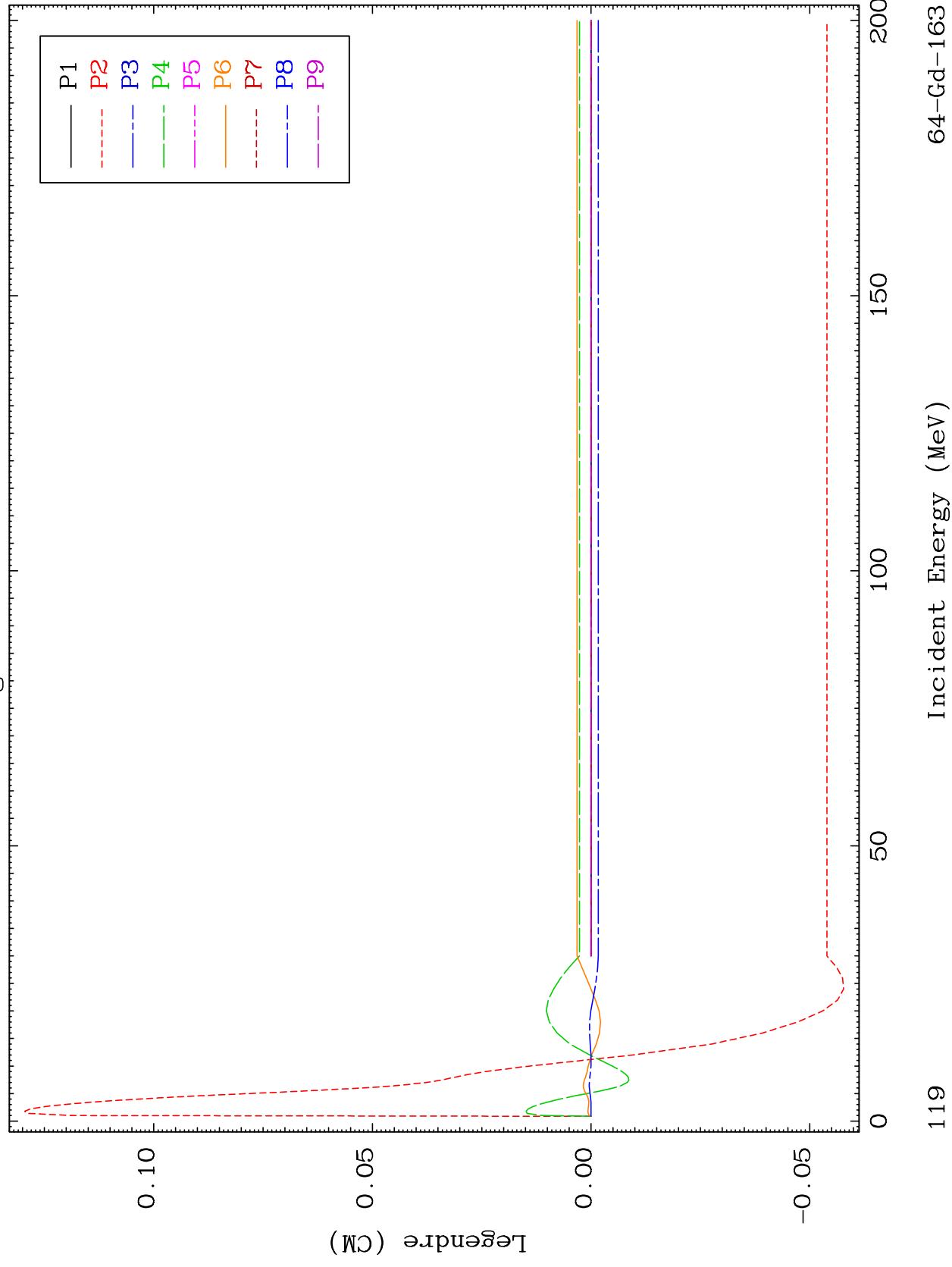
64-Gd-163



MAT 6458

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

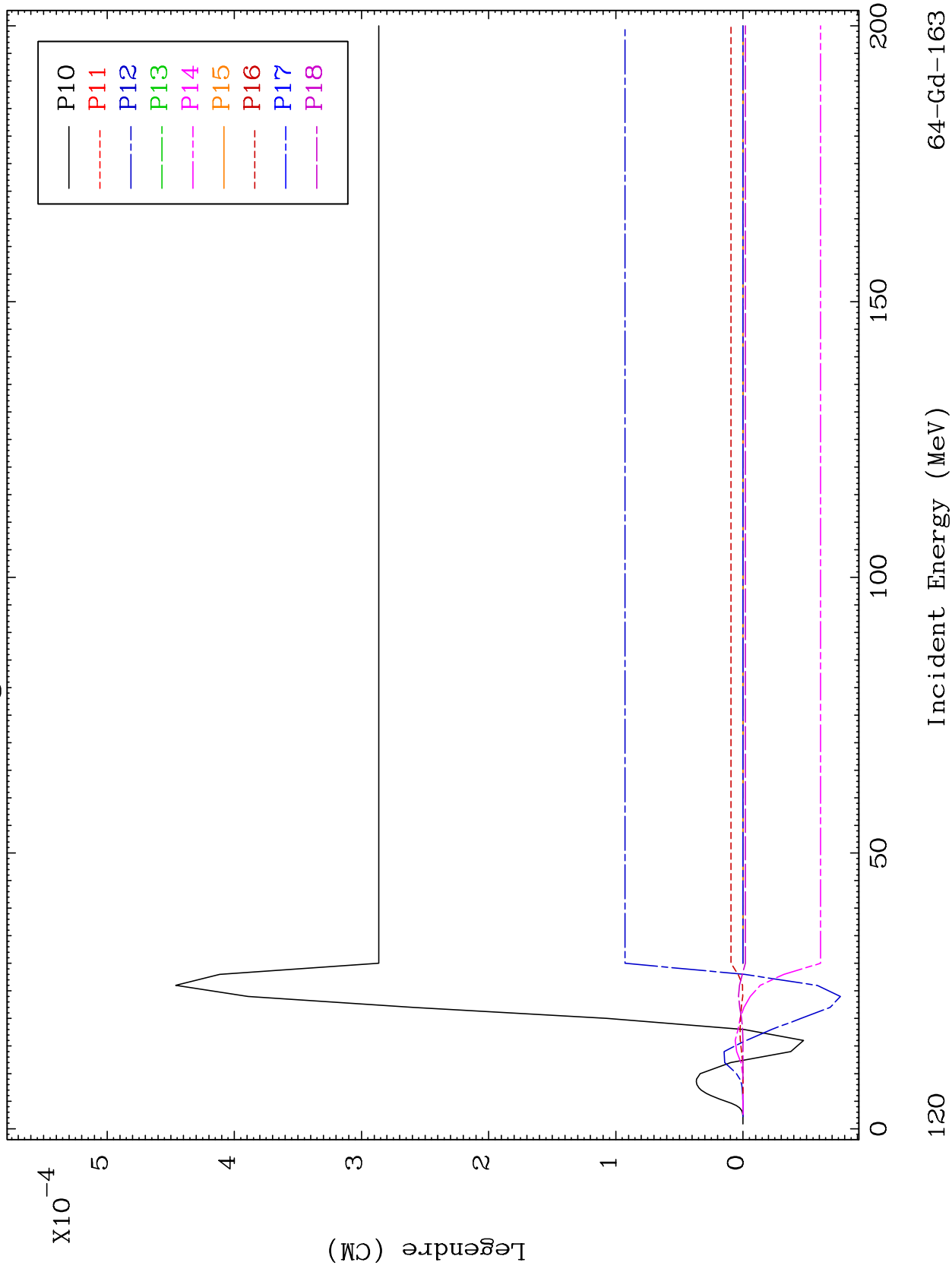
64-Gd-163

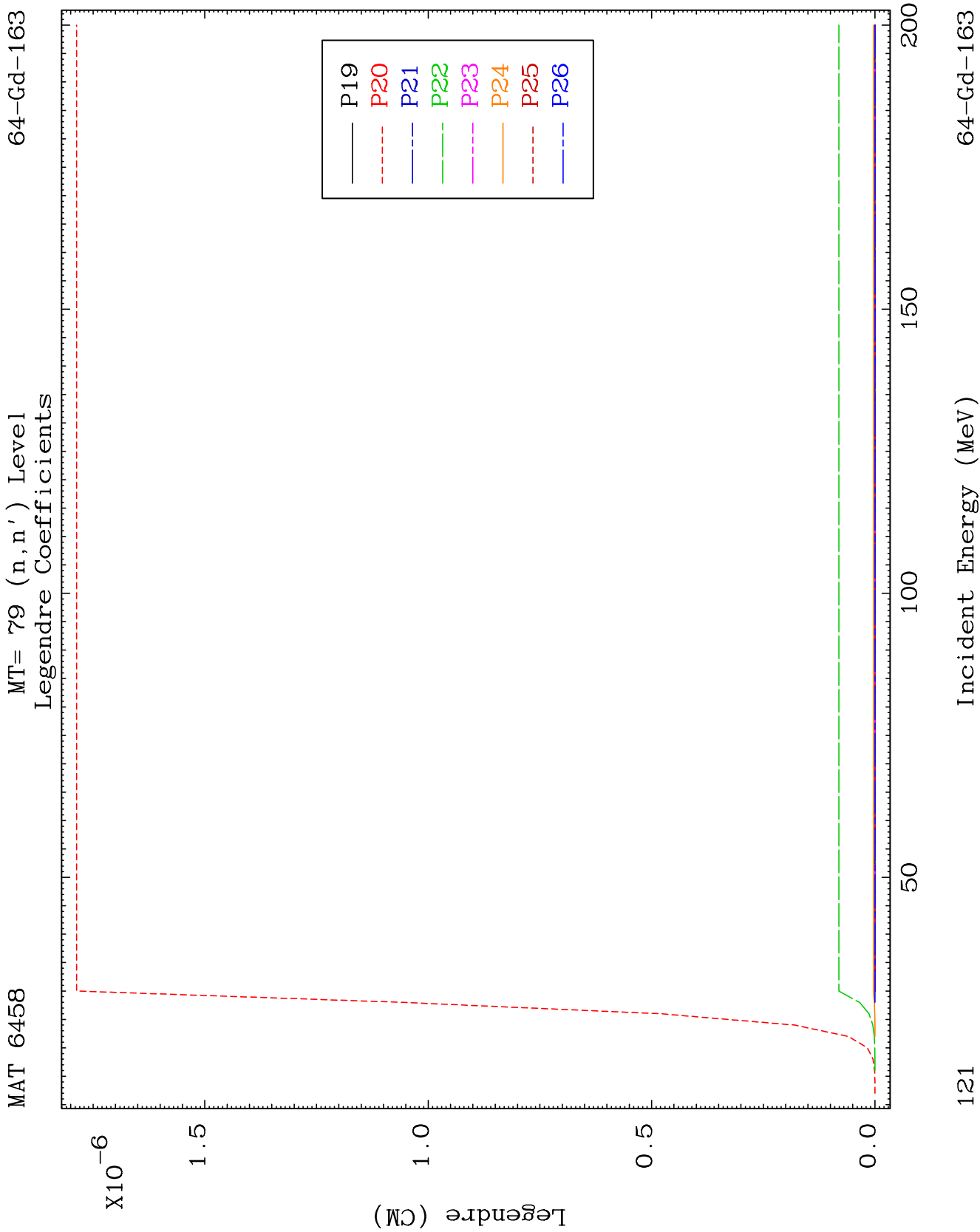


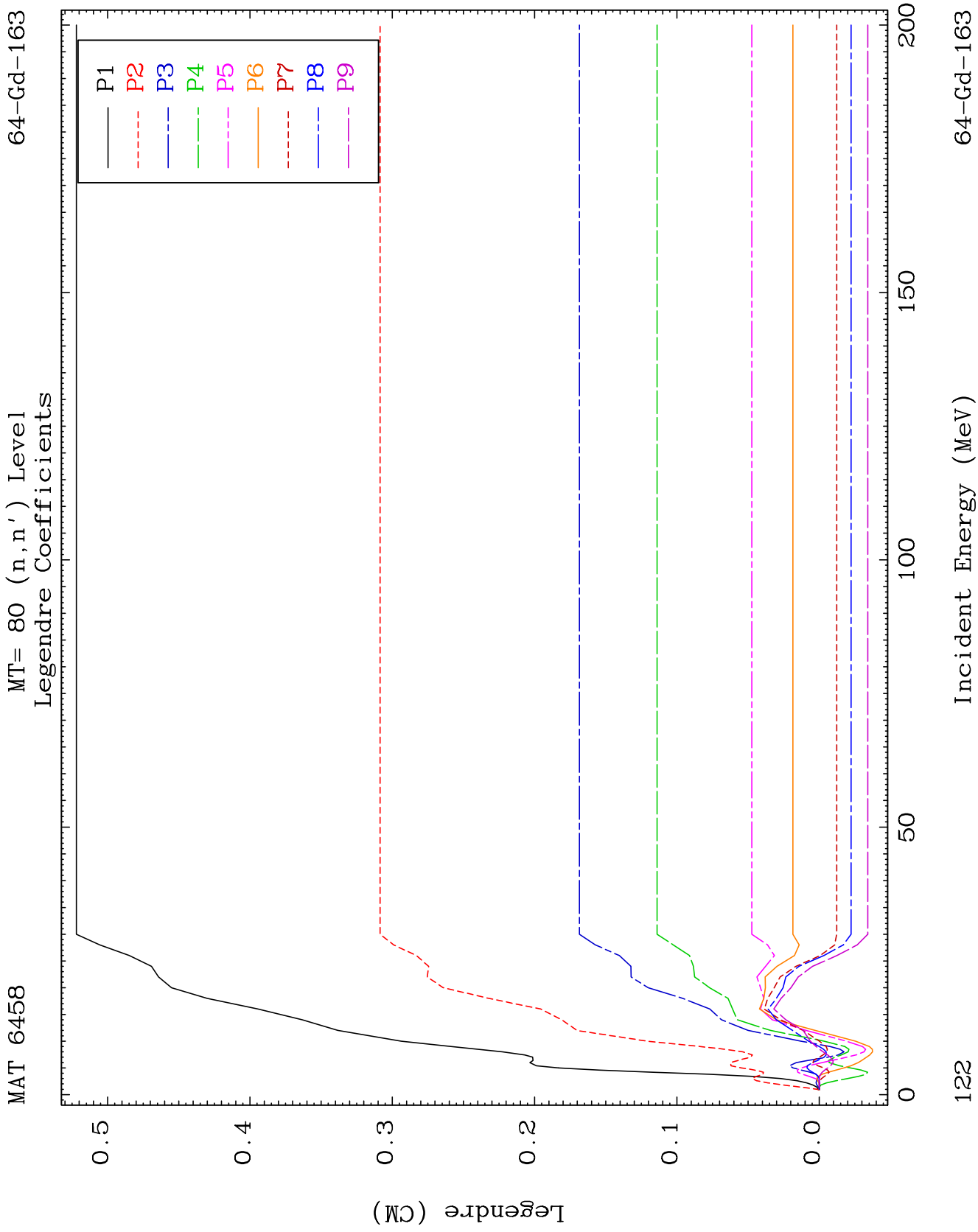
MAT 6458

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

64-Gd-163



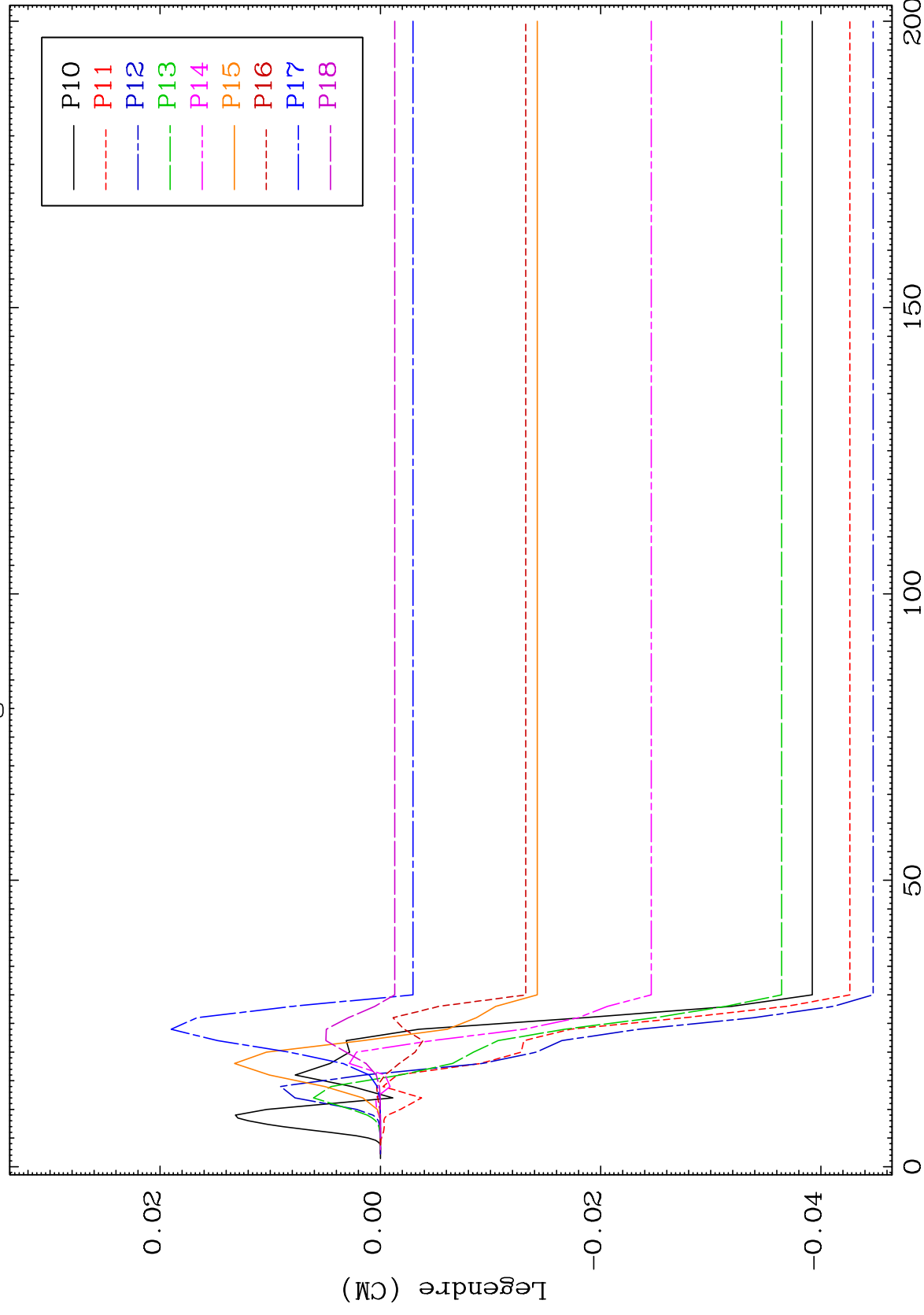




MAT 6458

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

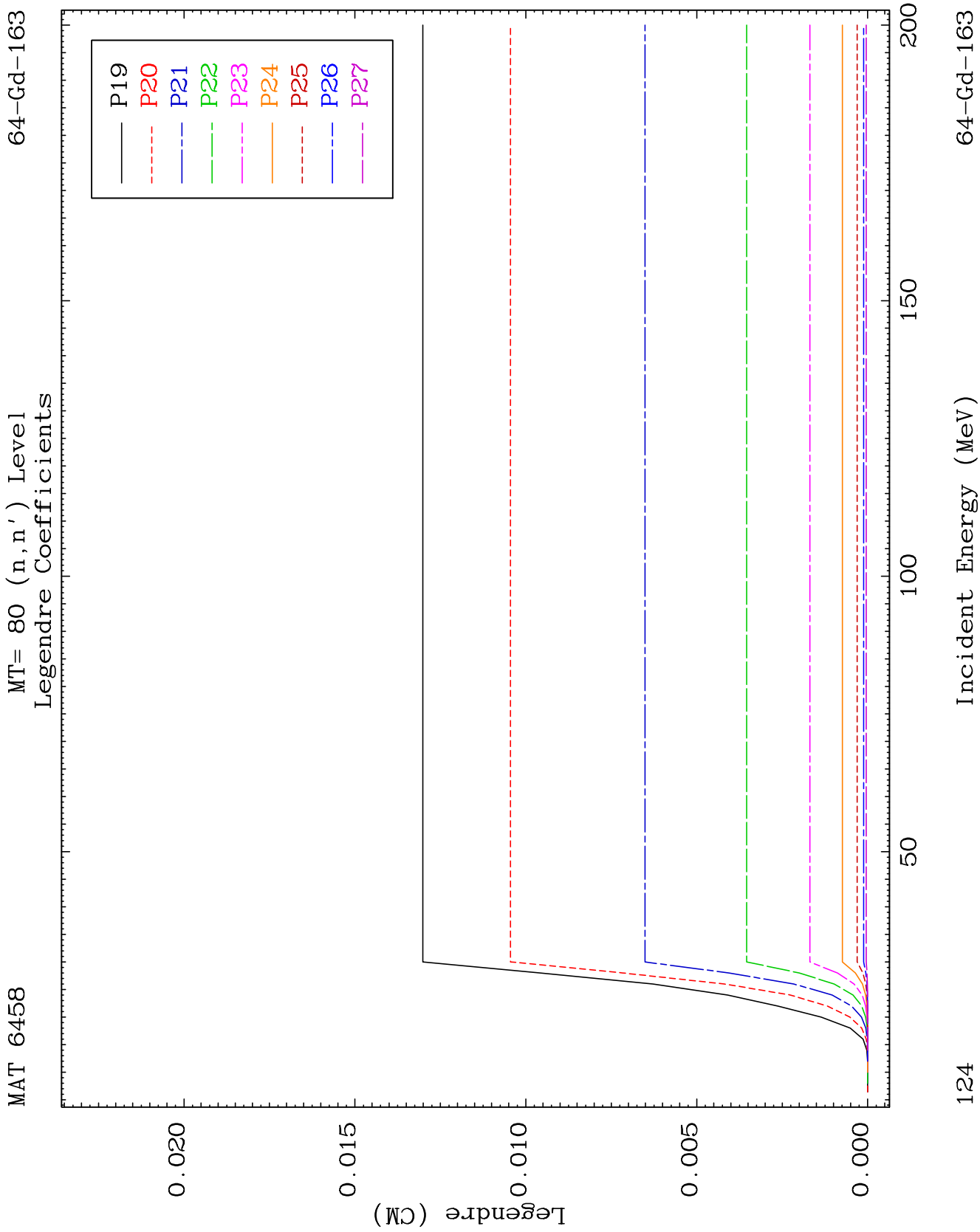
64-Gd-163

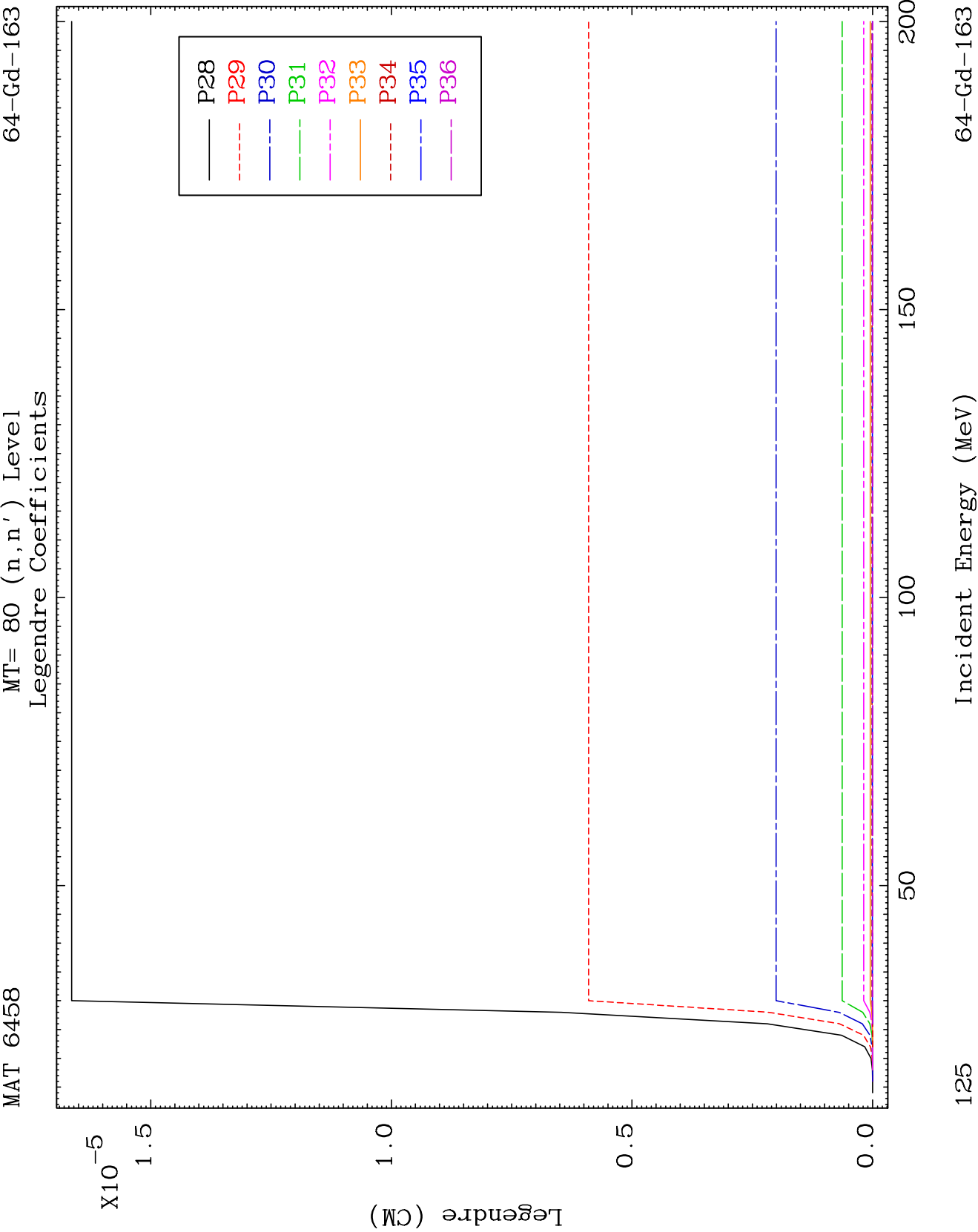


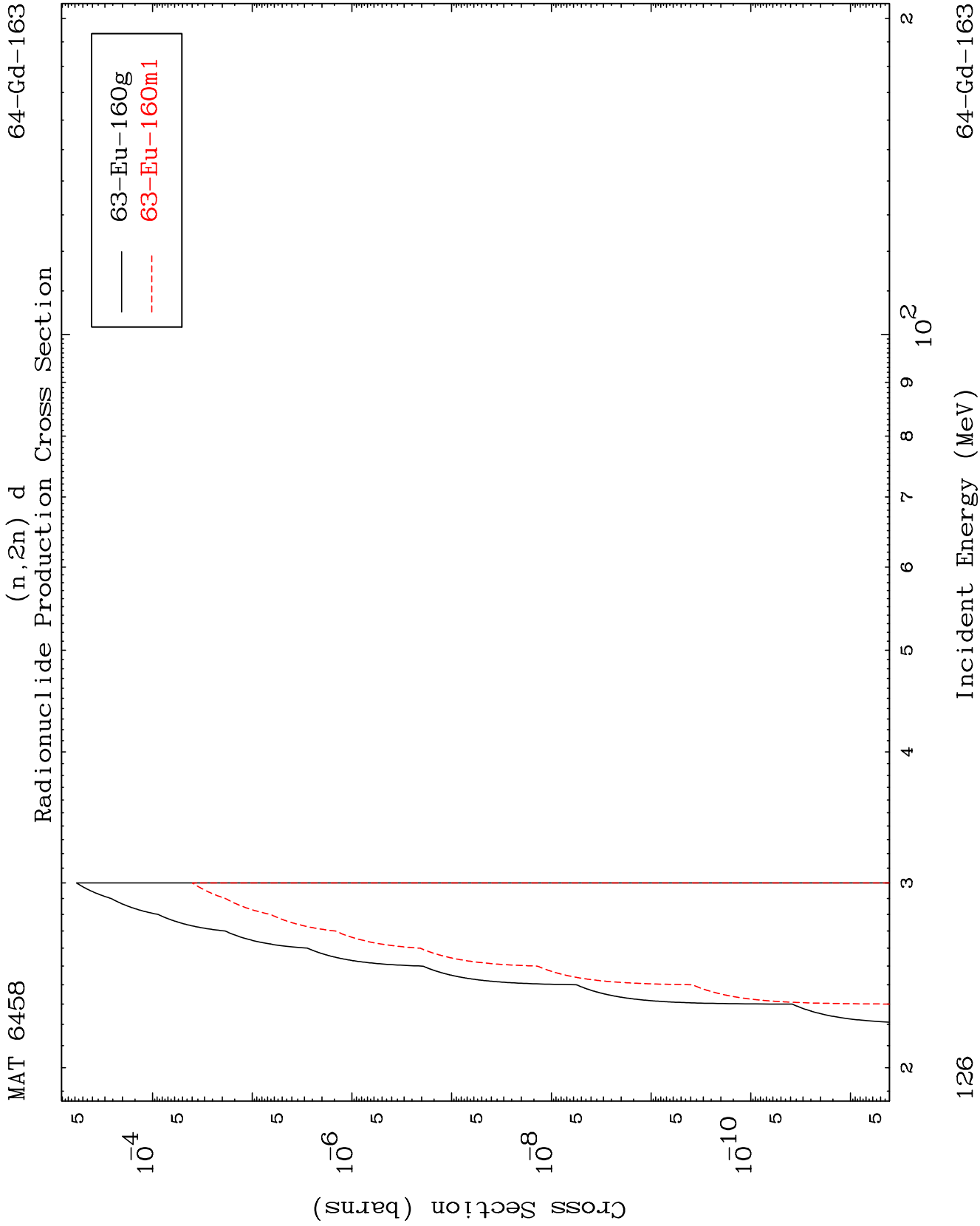
123

Incident Energy (MeV)

64-Gd-163





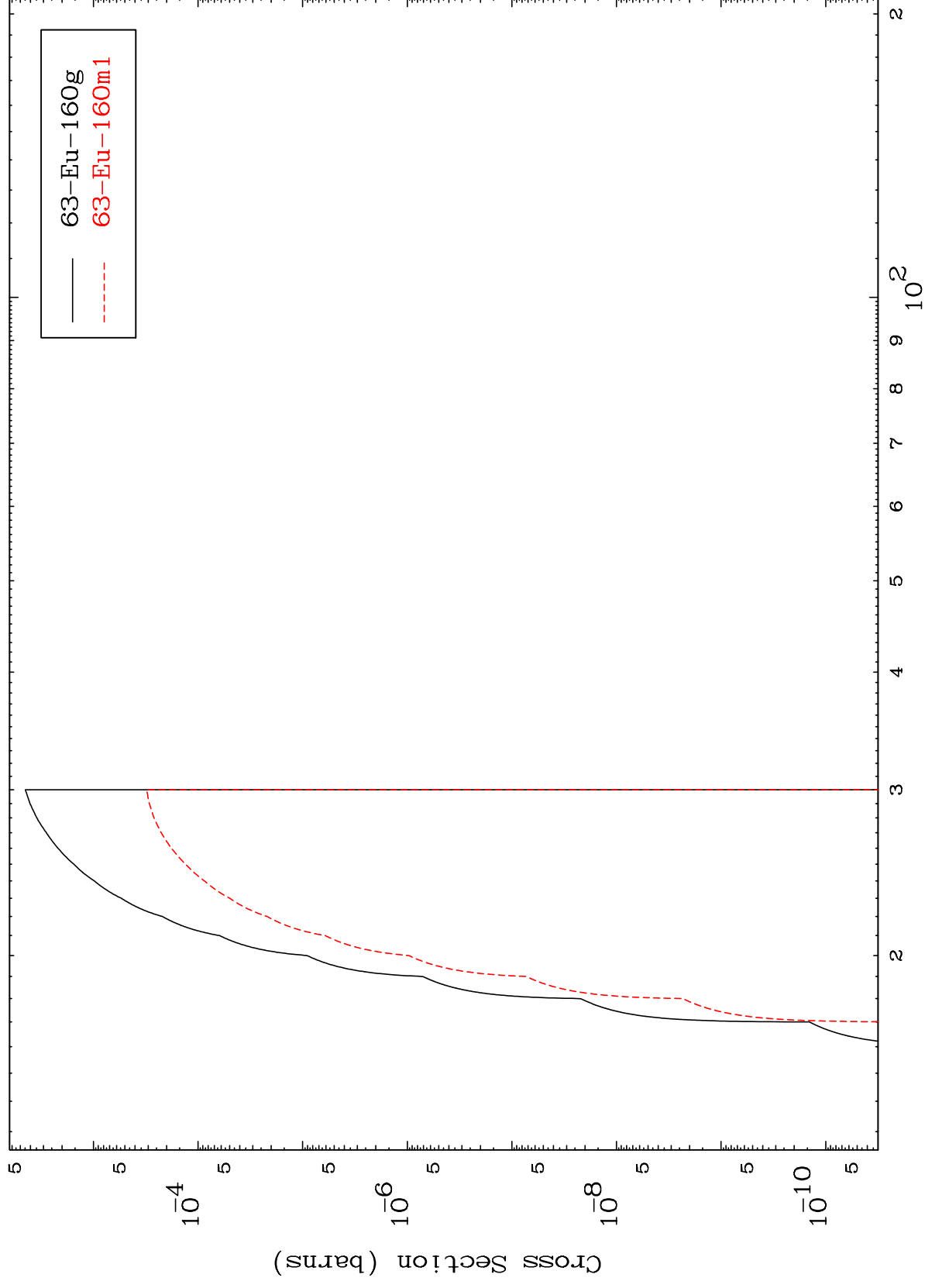


MAT 6458

$$(n, n') \text{ t}$$

64-Gd-163

Radionuclide Production Cross Section



127

Incident Energy (MeV)

64-Gd-163

