

Program EVALPLOT
(Version 2021-1)

by

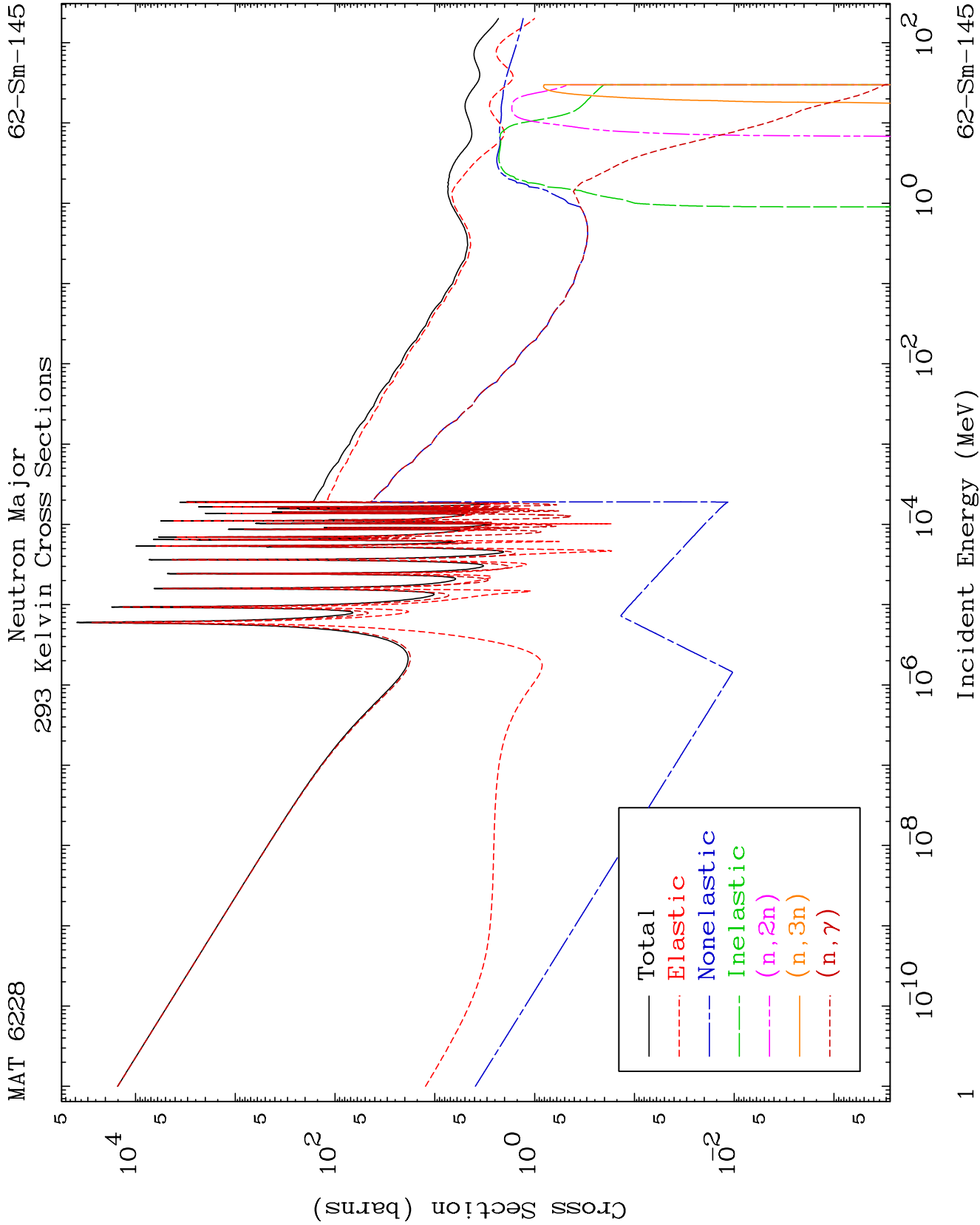
Dermott E. Cullen
(Present Contact Information)

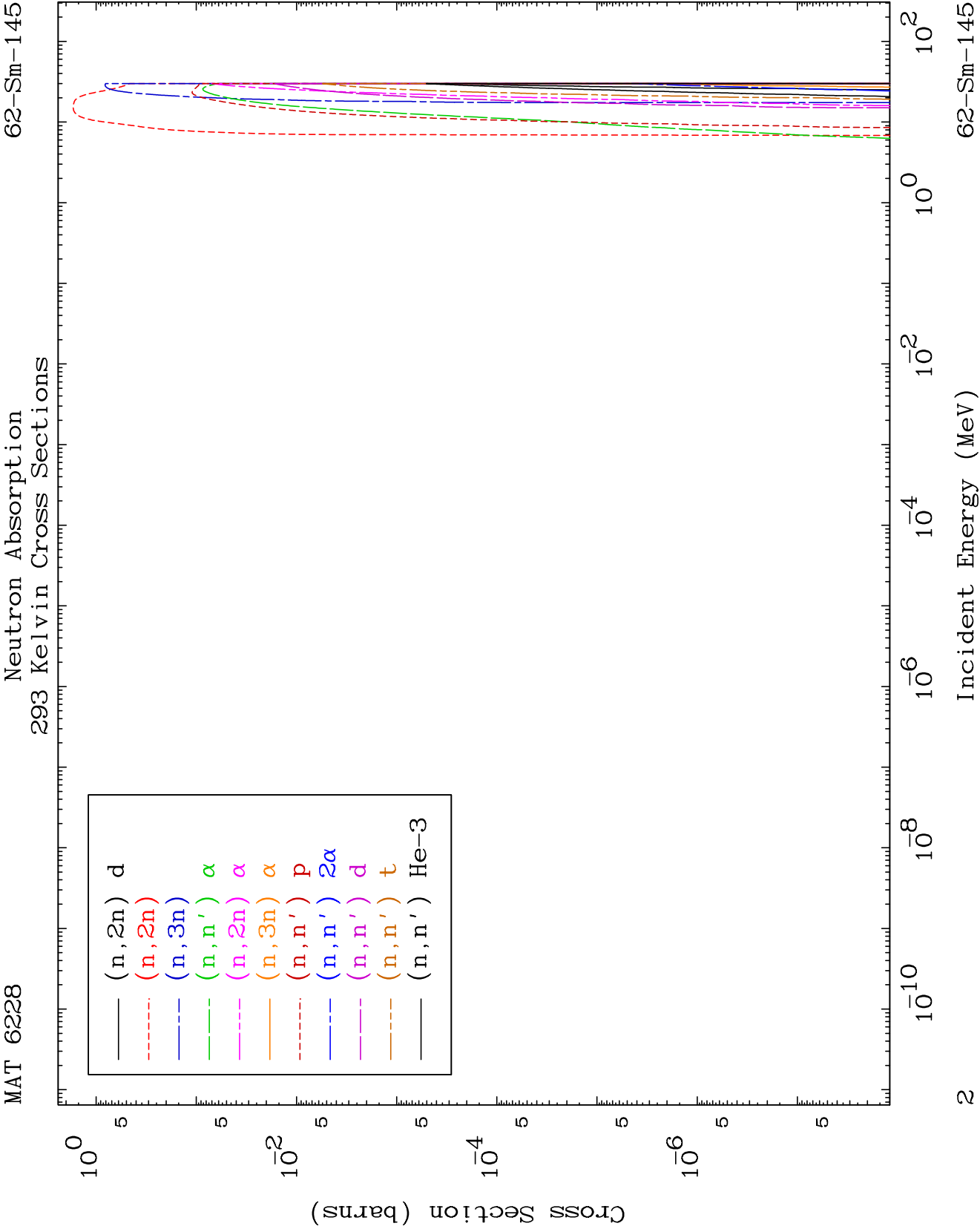
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

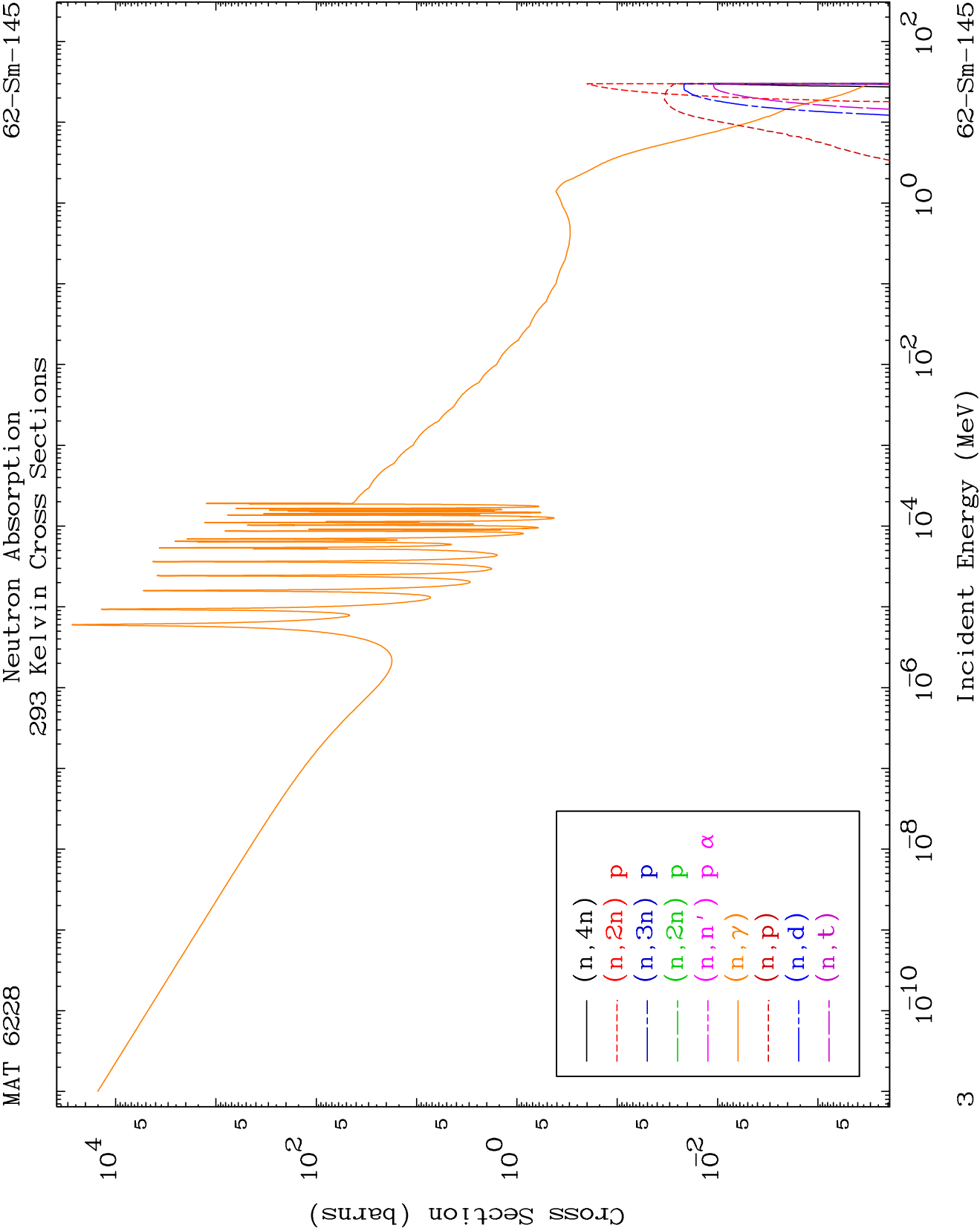
Tele: 925-443-1911

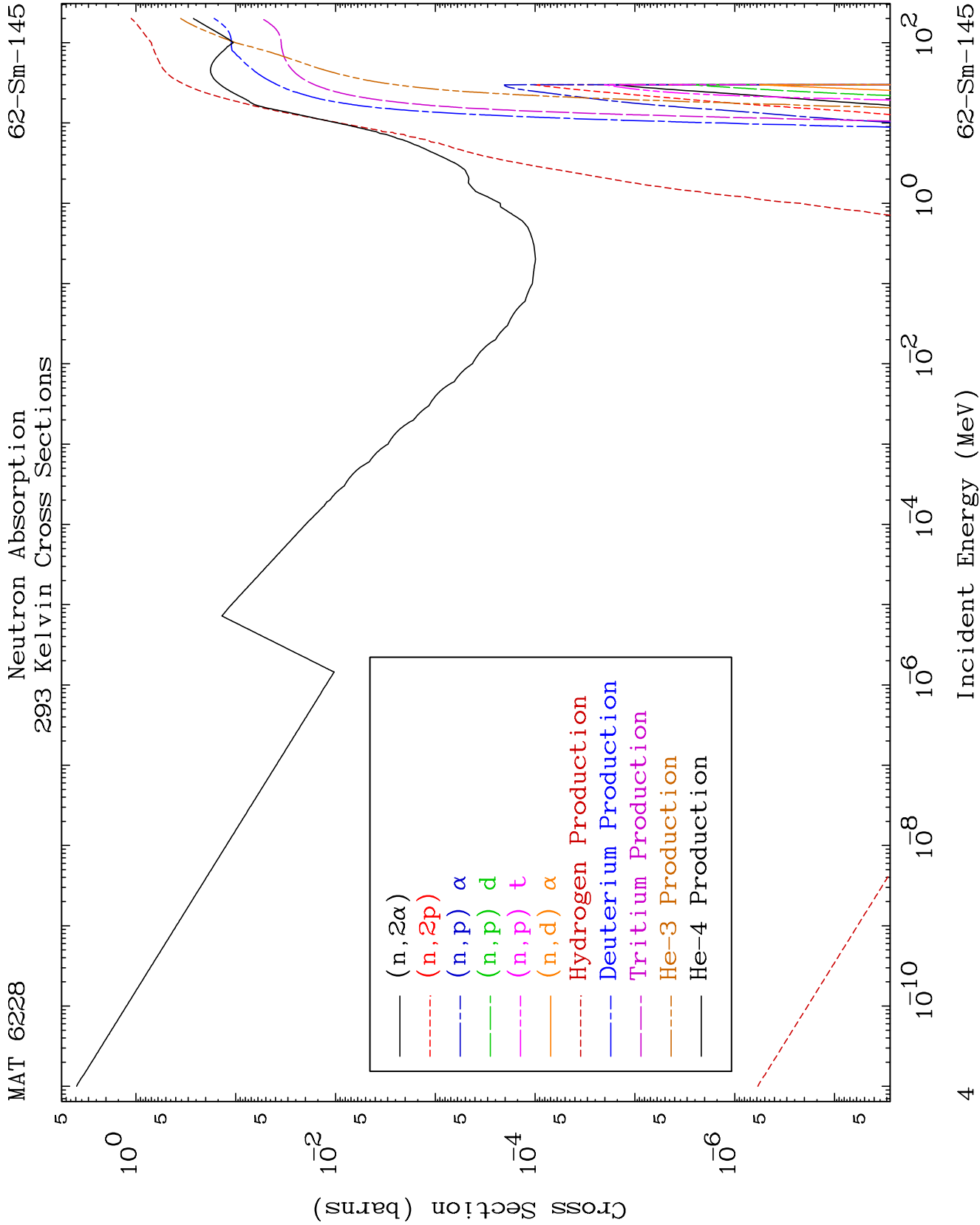
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





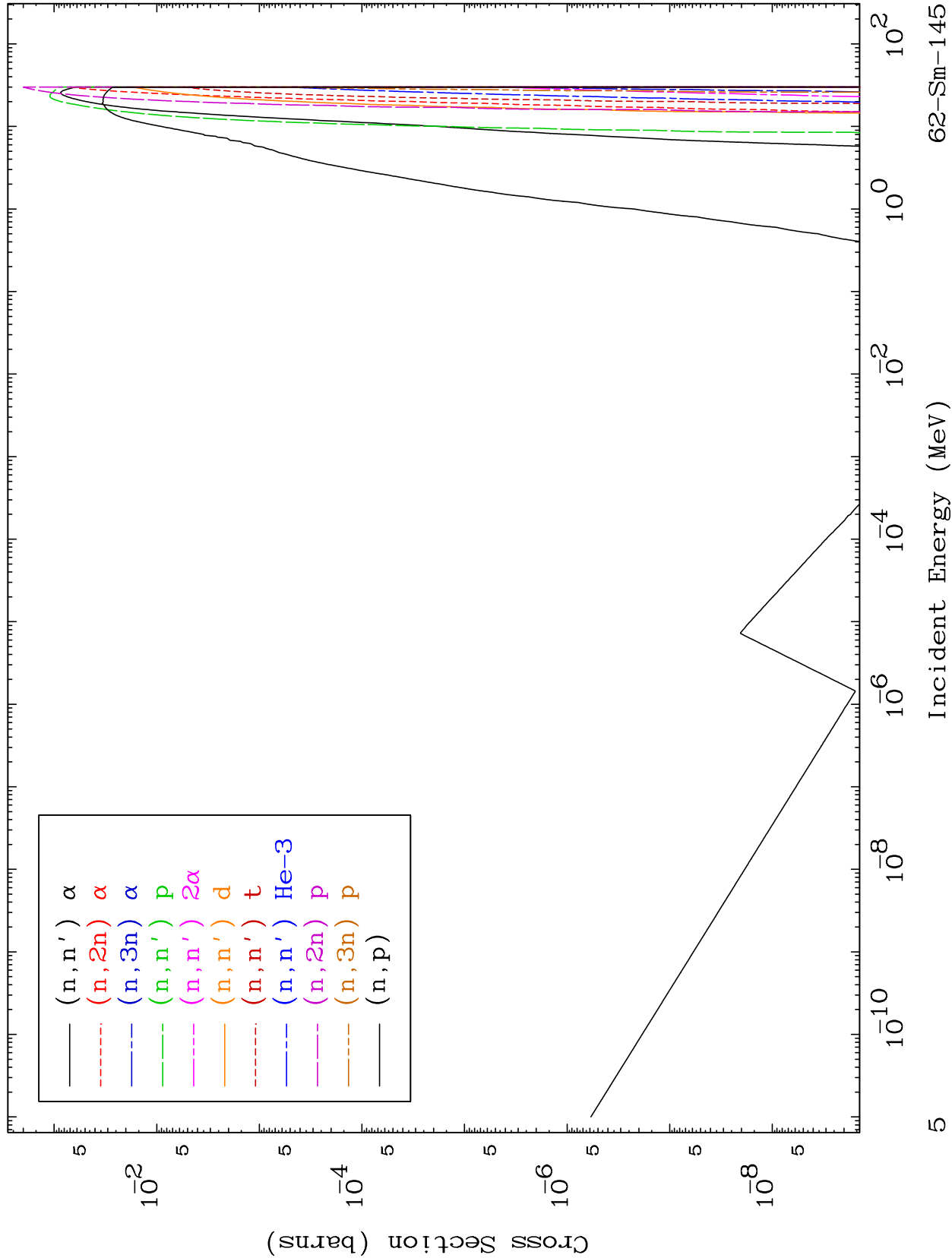


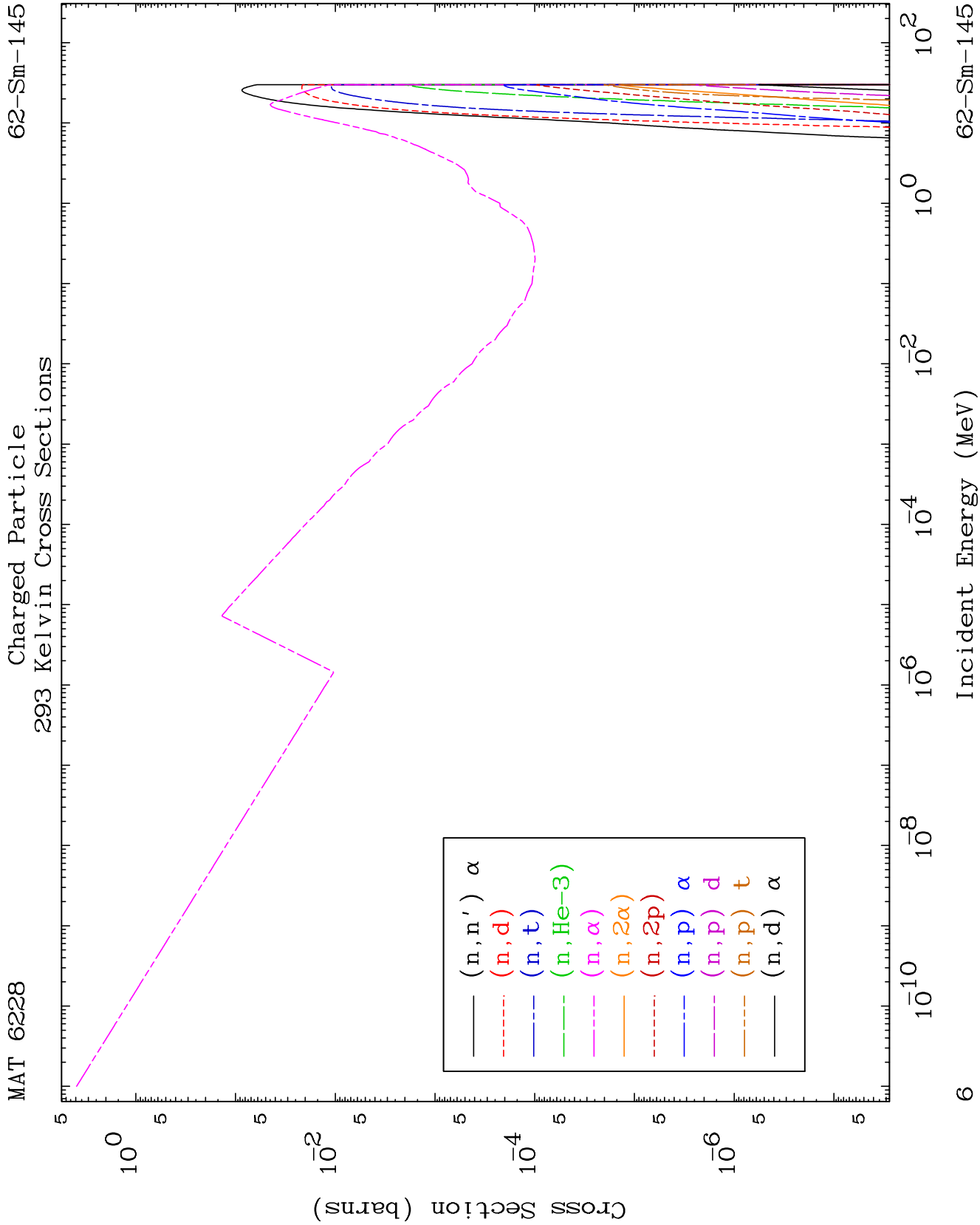


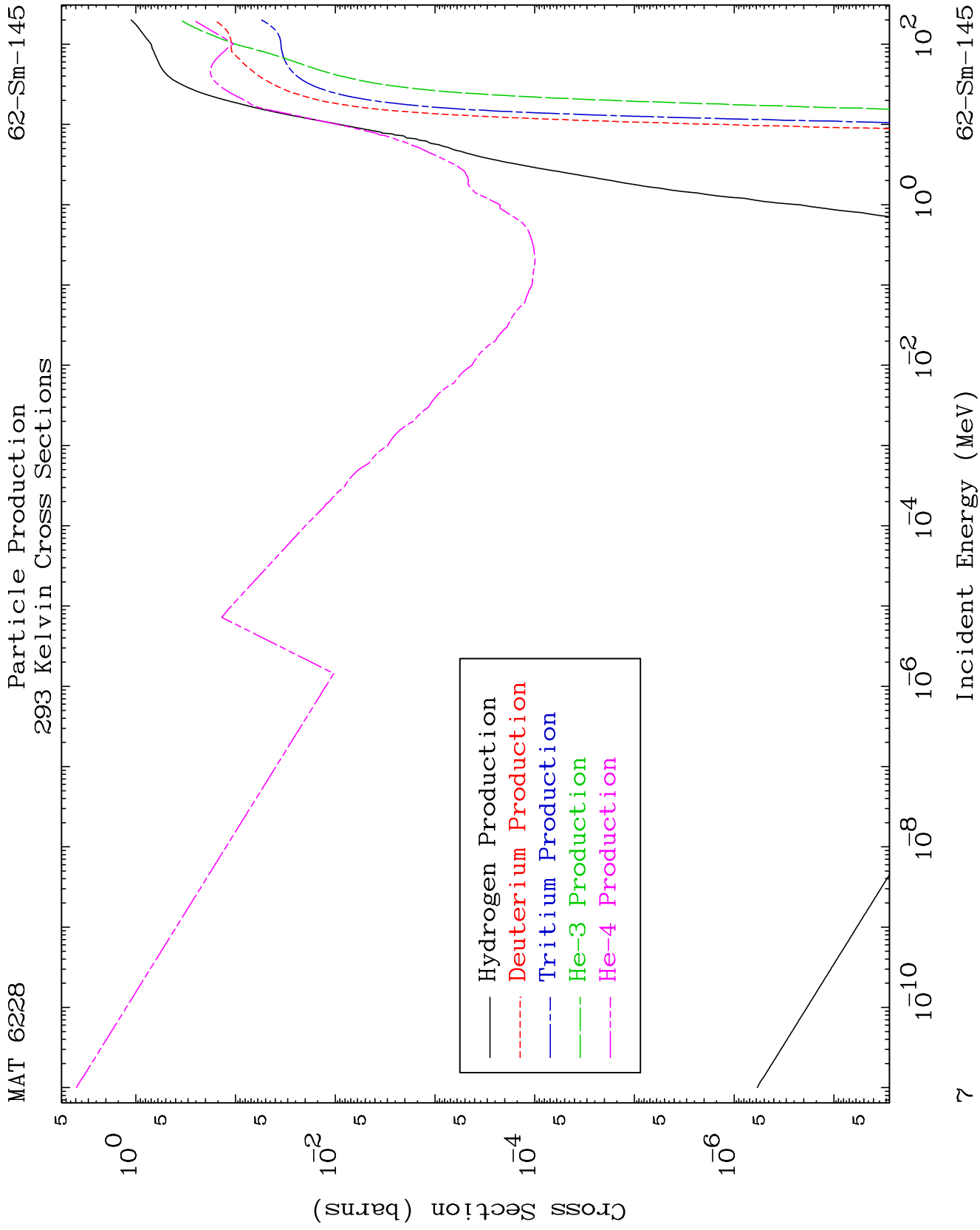
MAT 6228

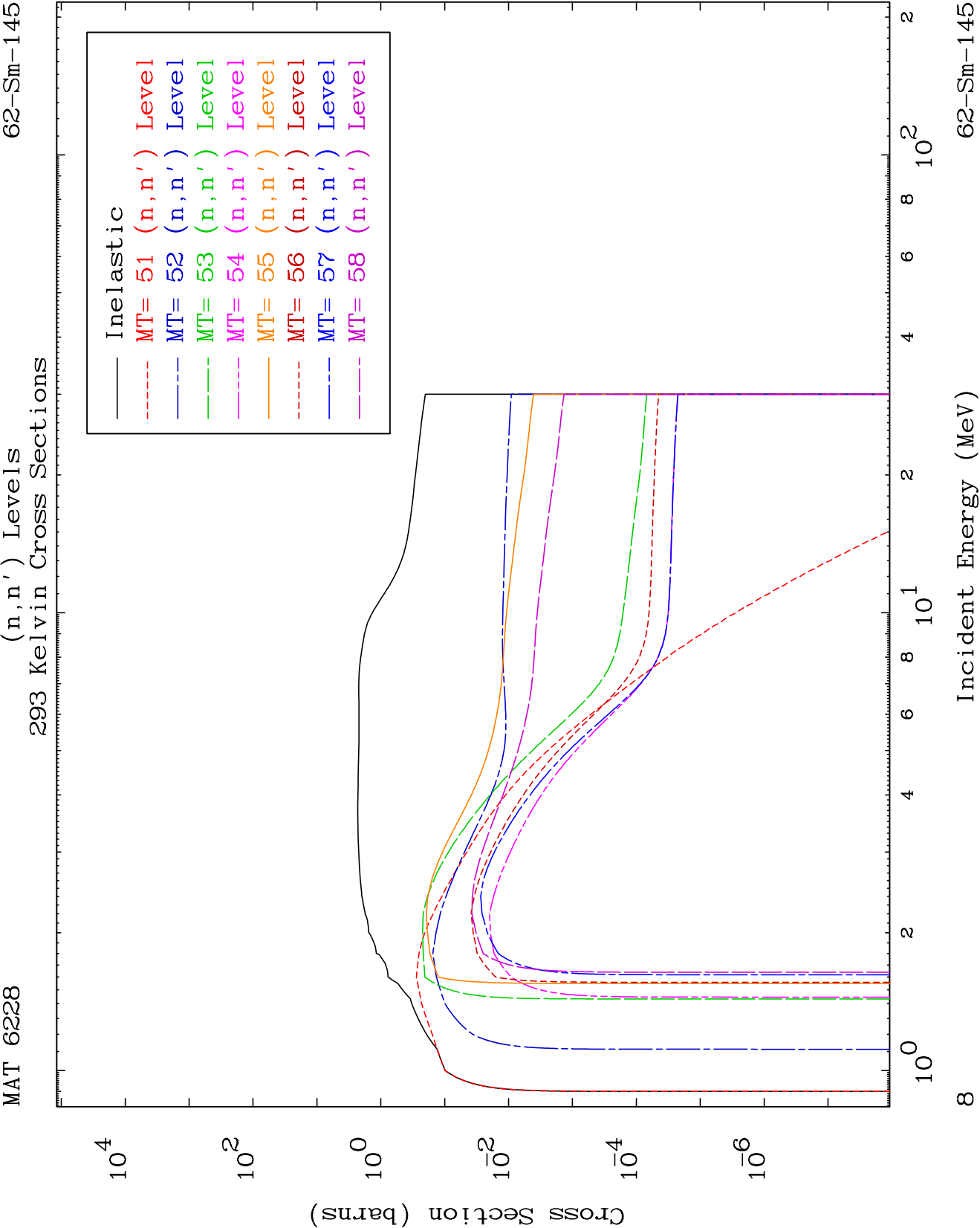
Charged Particle
293 Kelvin Cross Sections

62-Sm-145







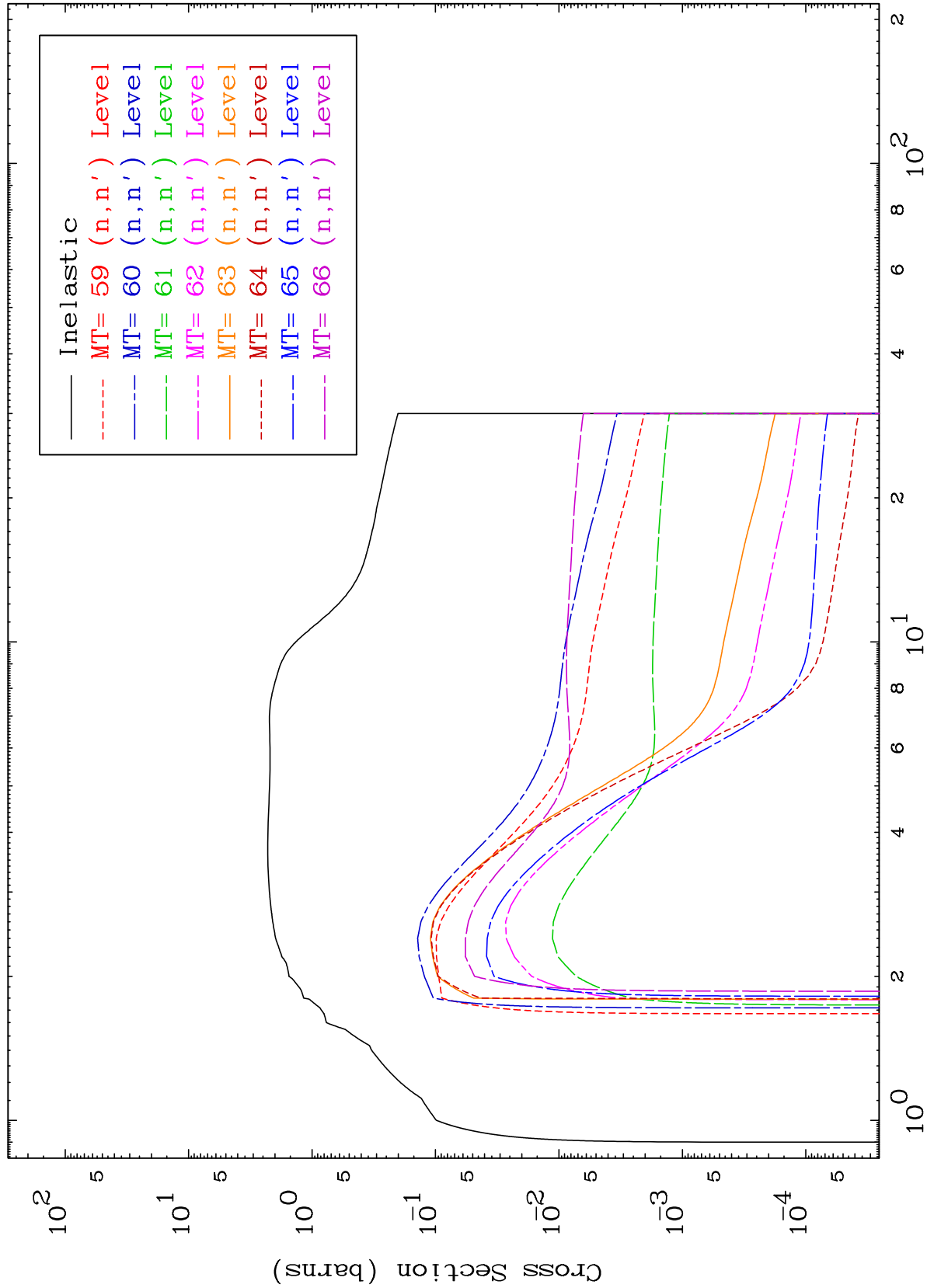


MAT 6228

(n,n') Levels

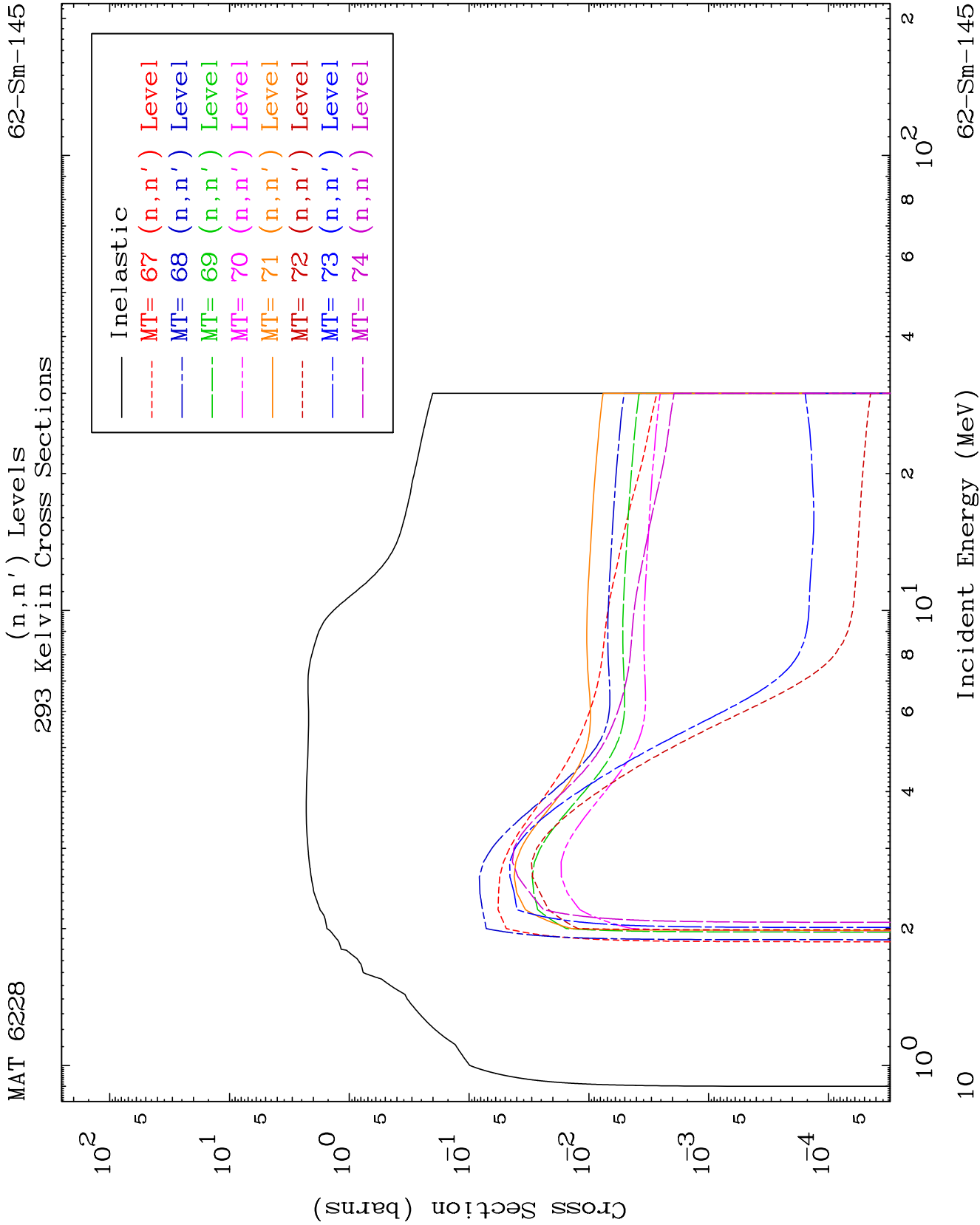
62-Sm-145

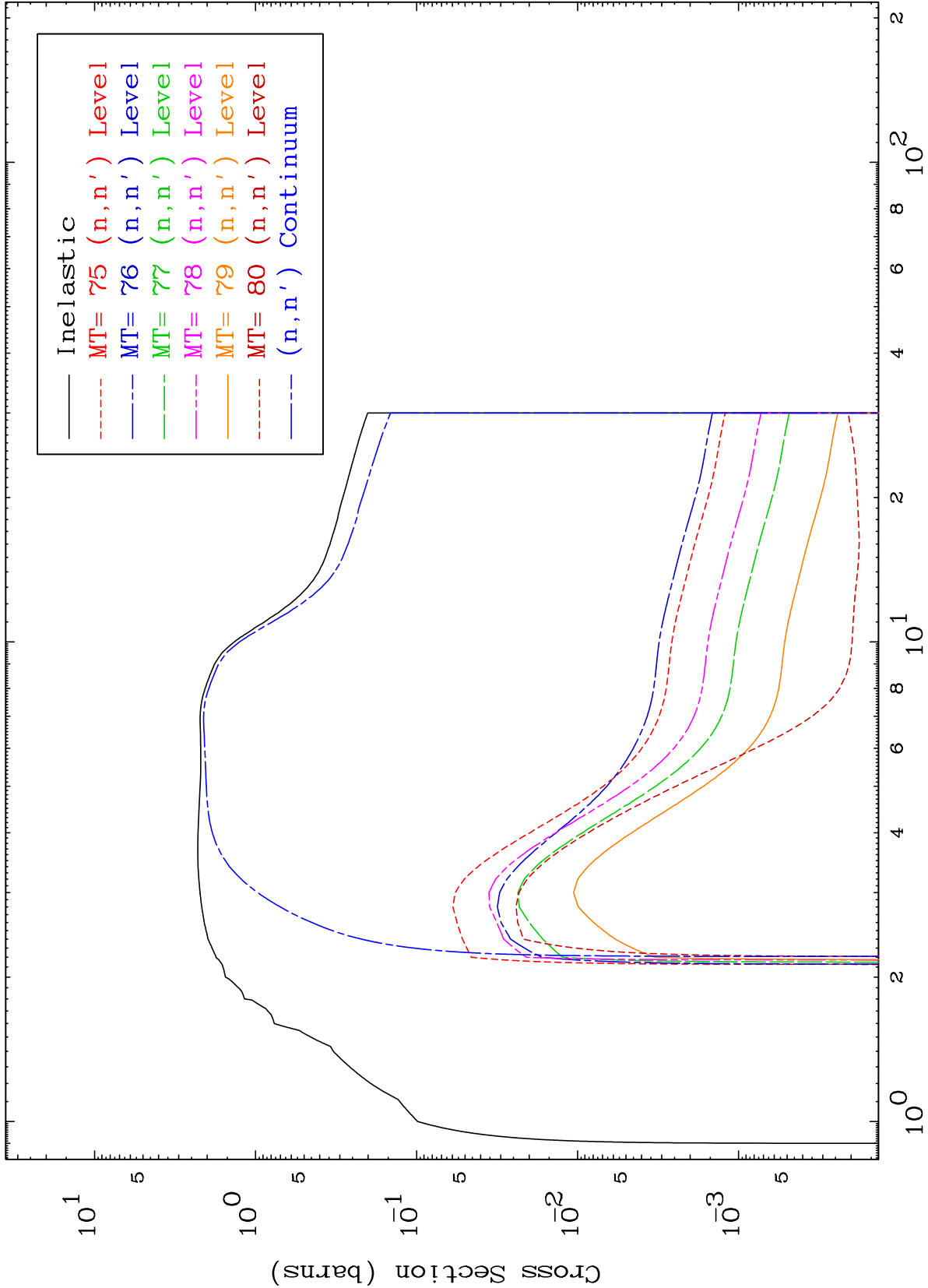
293 Kelvin Cross Sections



Incident Energy (MeV)

62-Sm-145

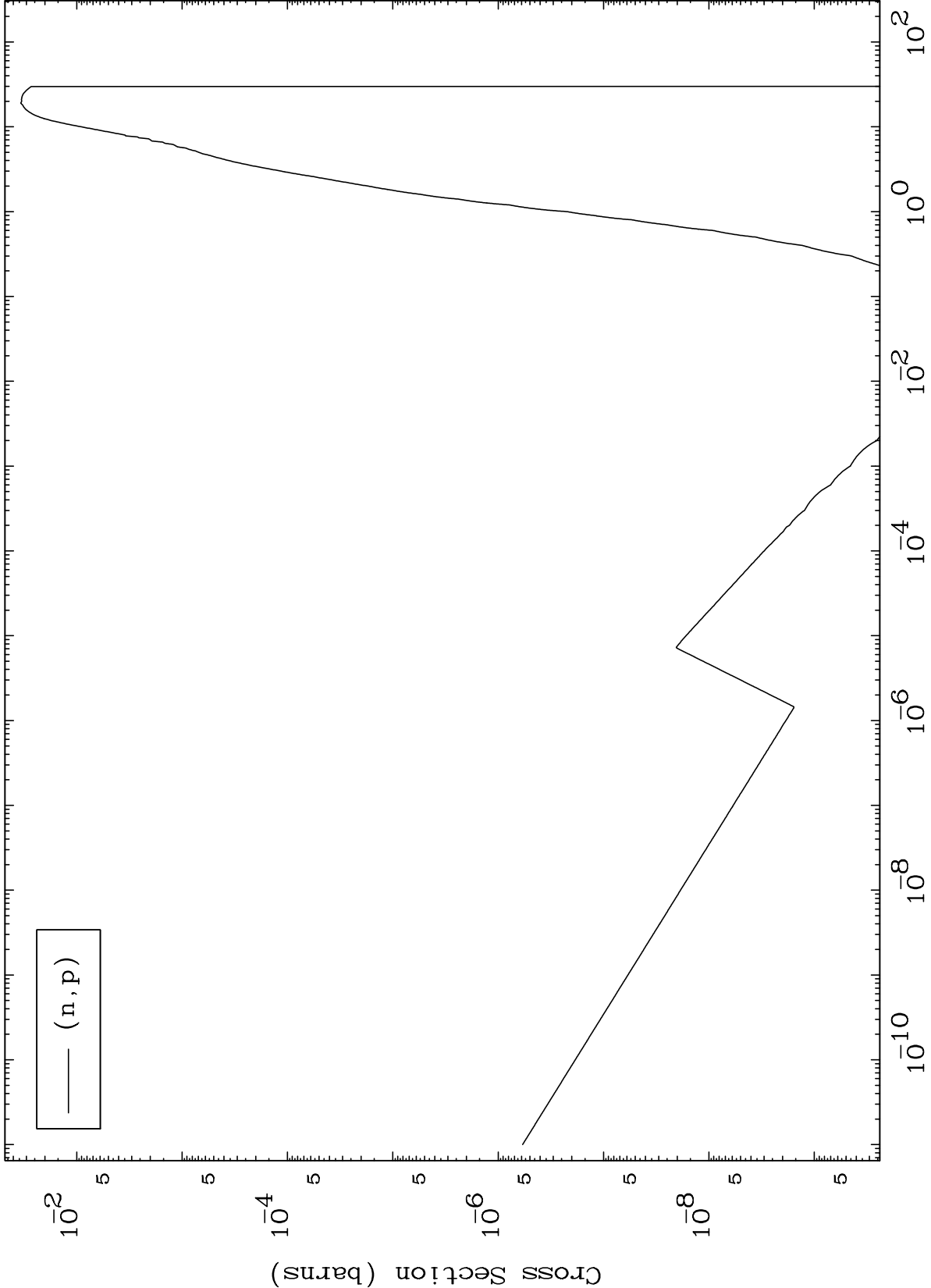




MAT 6228

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-145



Incident Energy (MeV)

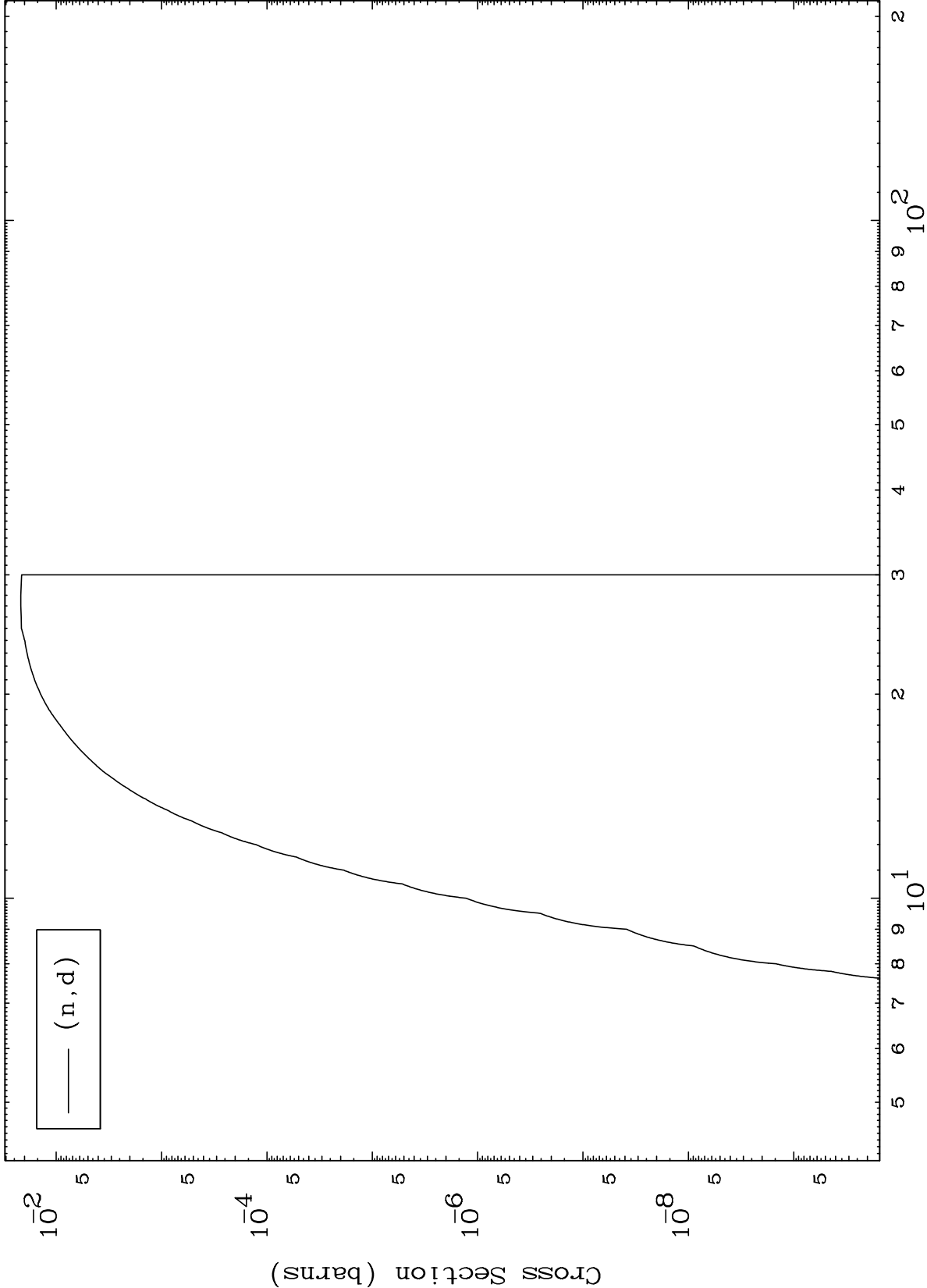
62-Sm-145

12

MAT 6228

(n,d) Levels
293 Kelvin Cross Sections

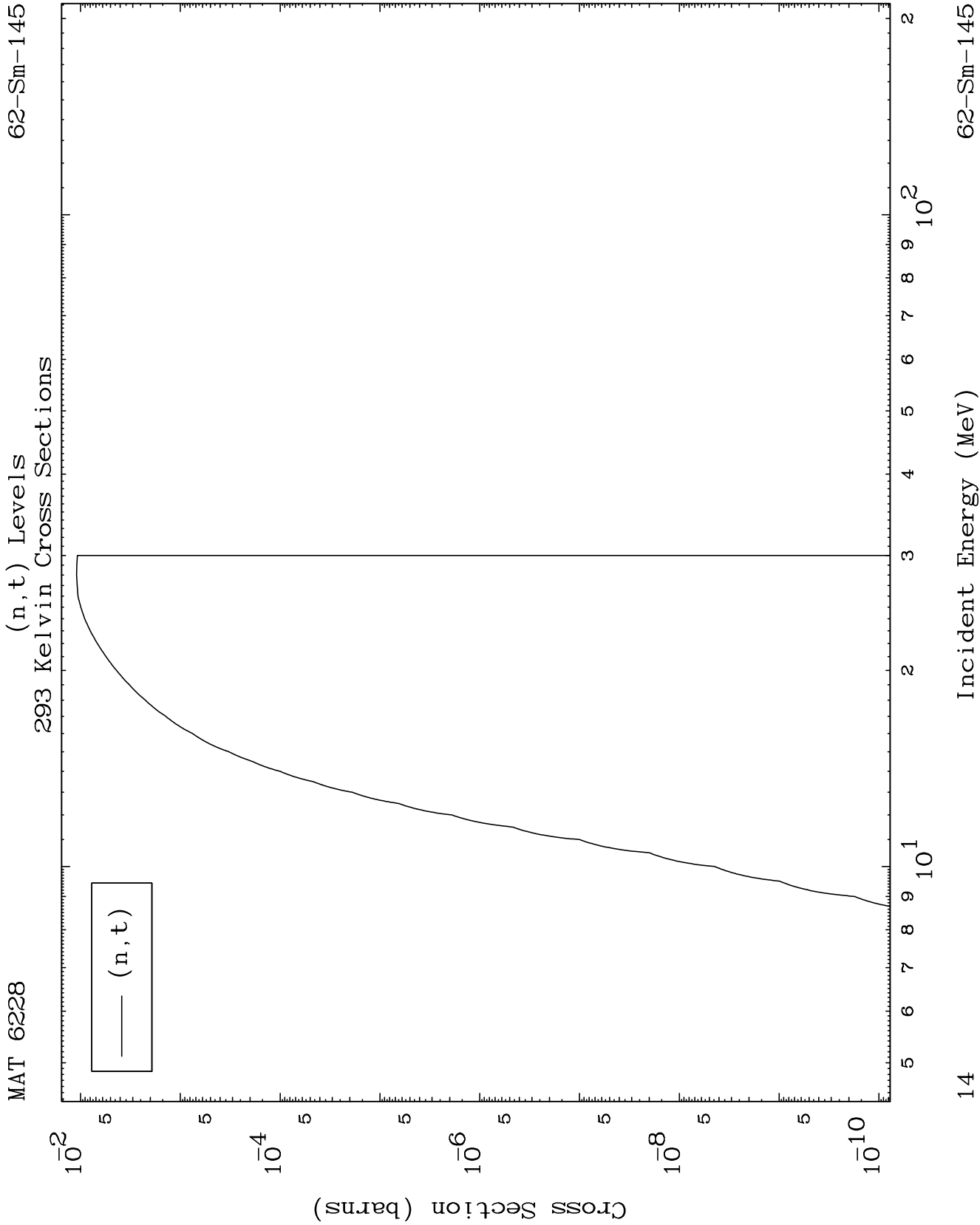
62-Sm-145



13

Incident Energy (MeV)

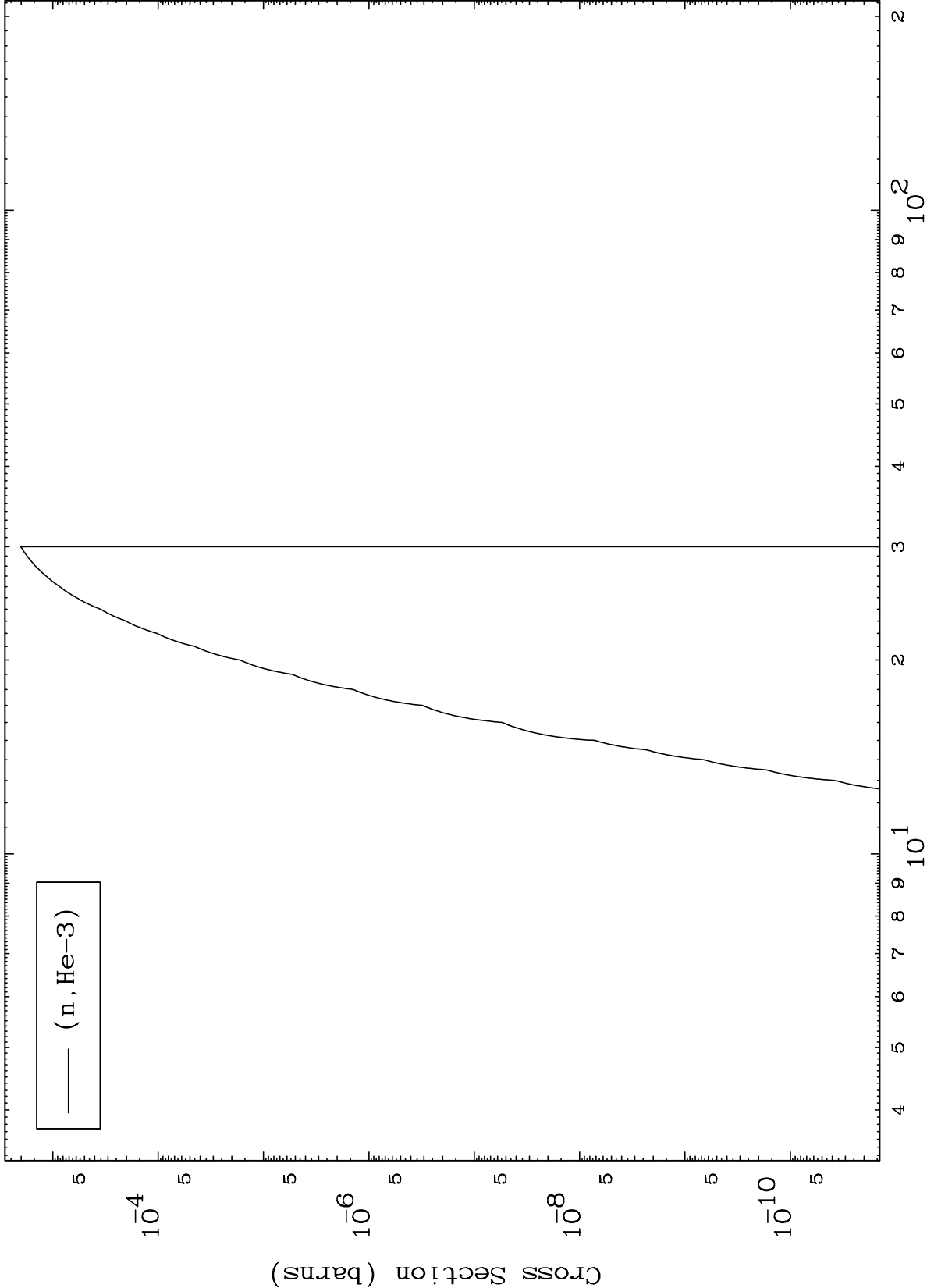
62-Sm-145



MAT 6228

(n,He3) Levels
293 Kelvin Cross Sections

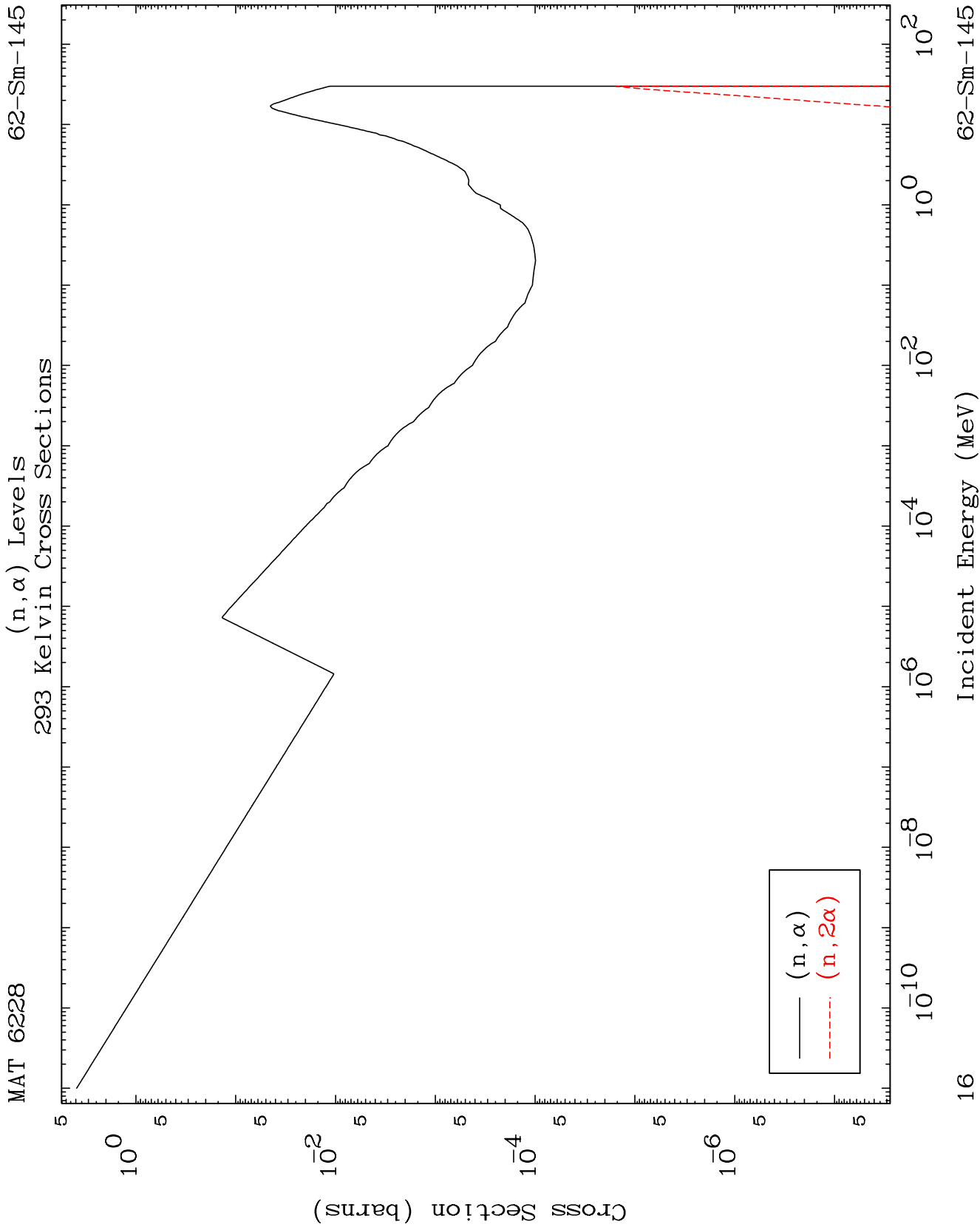
62-Sm-145

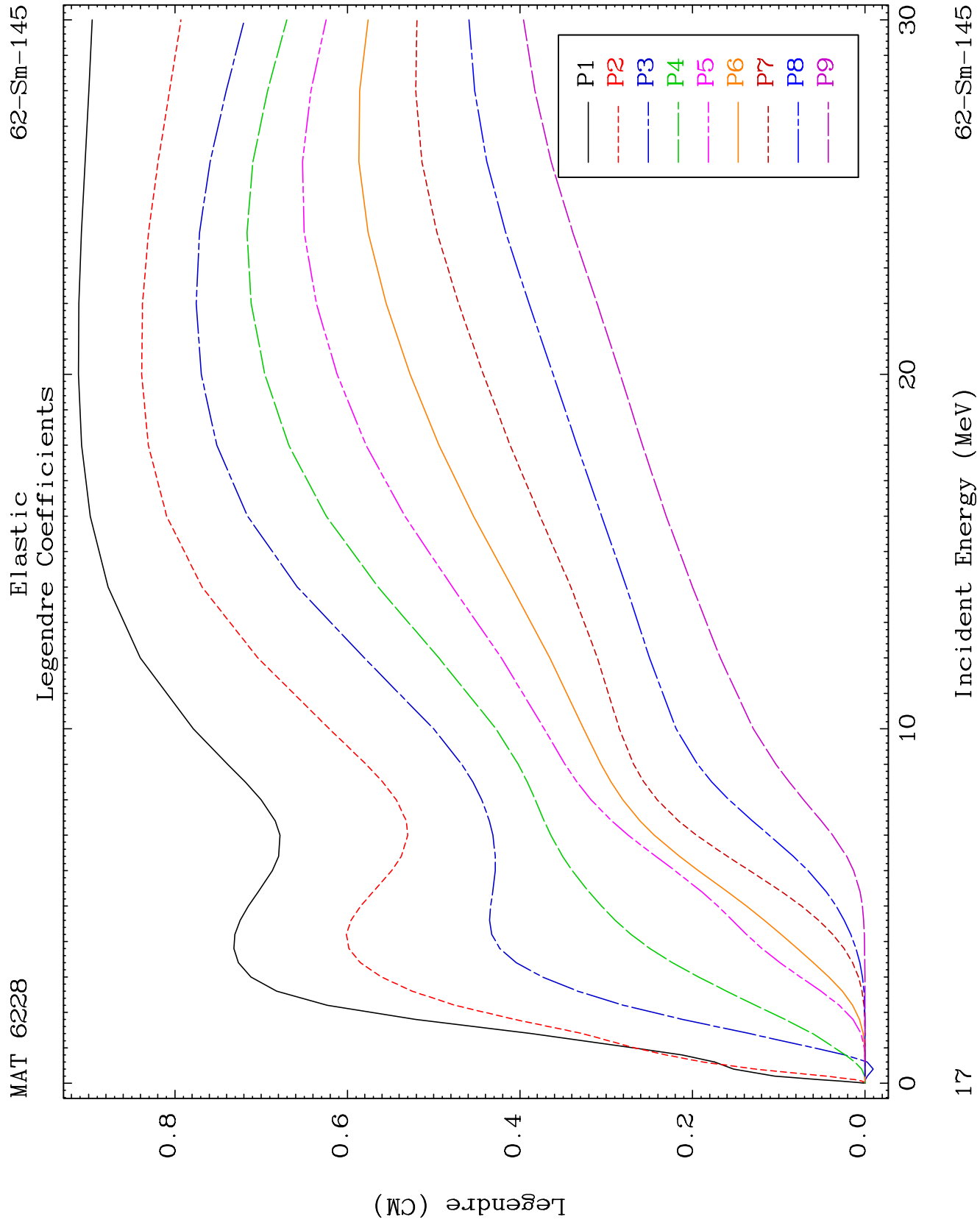


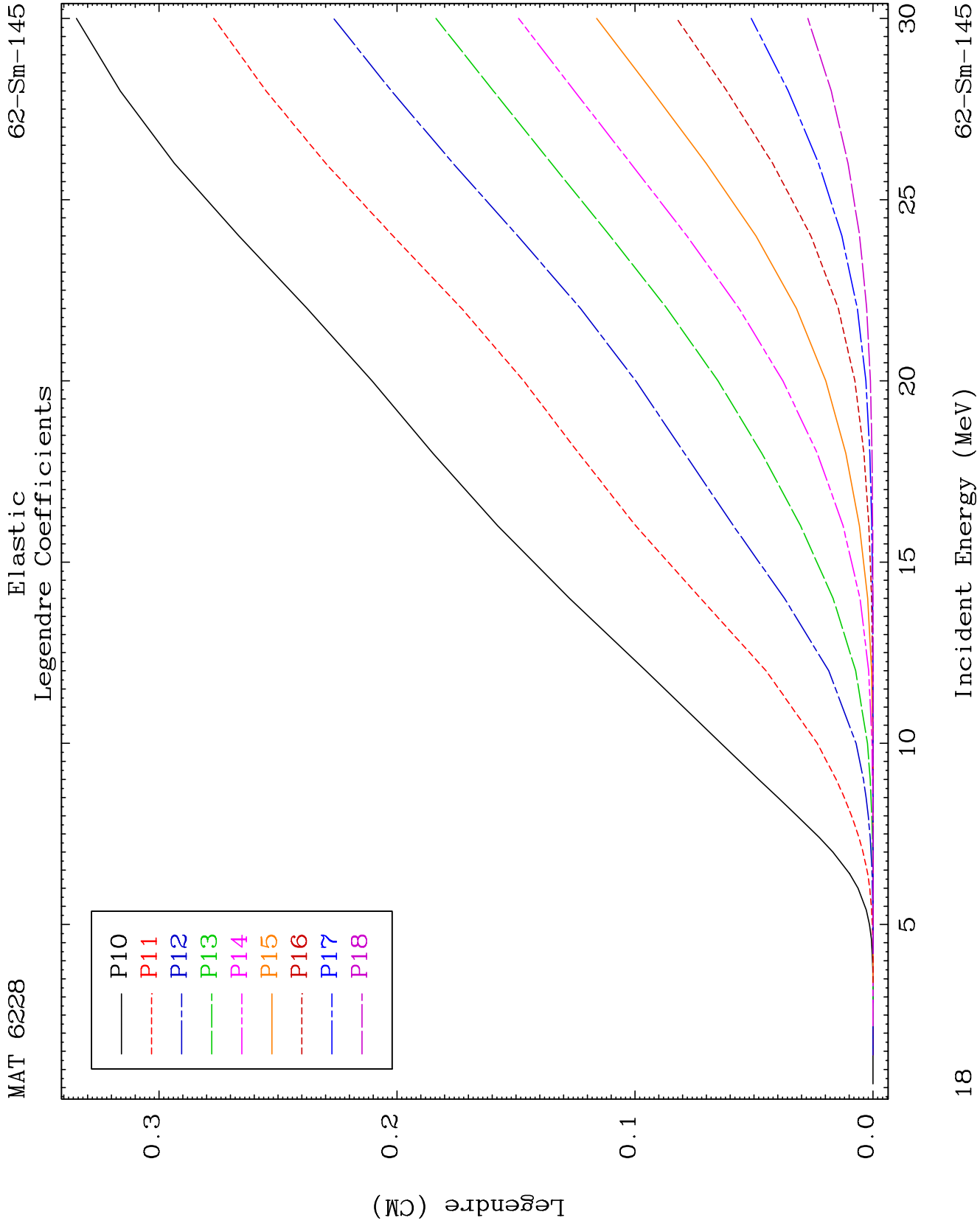
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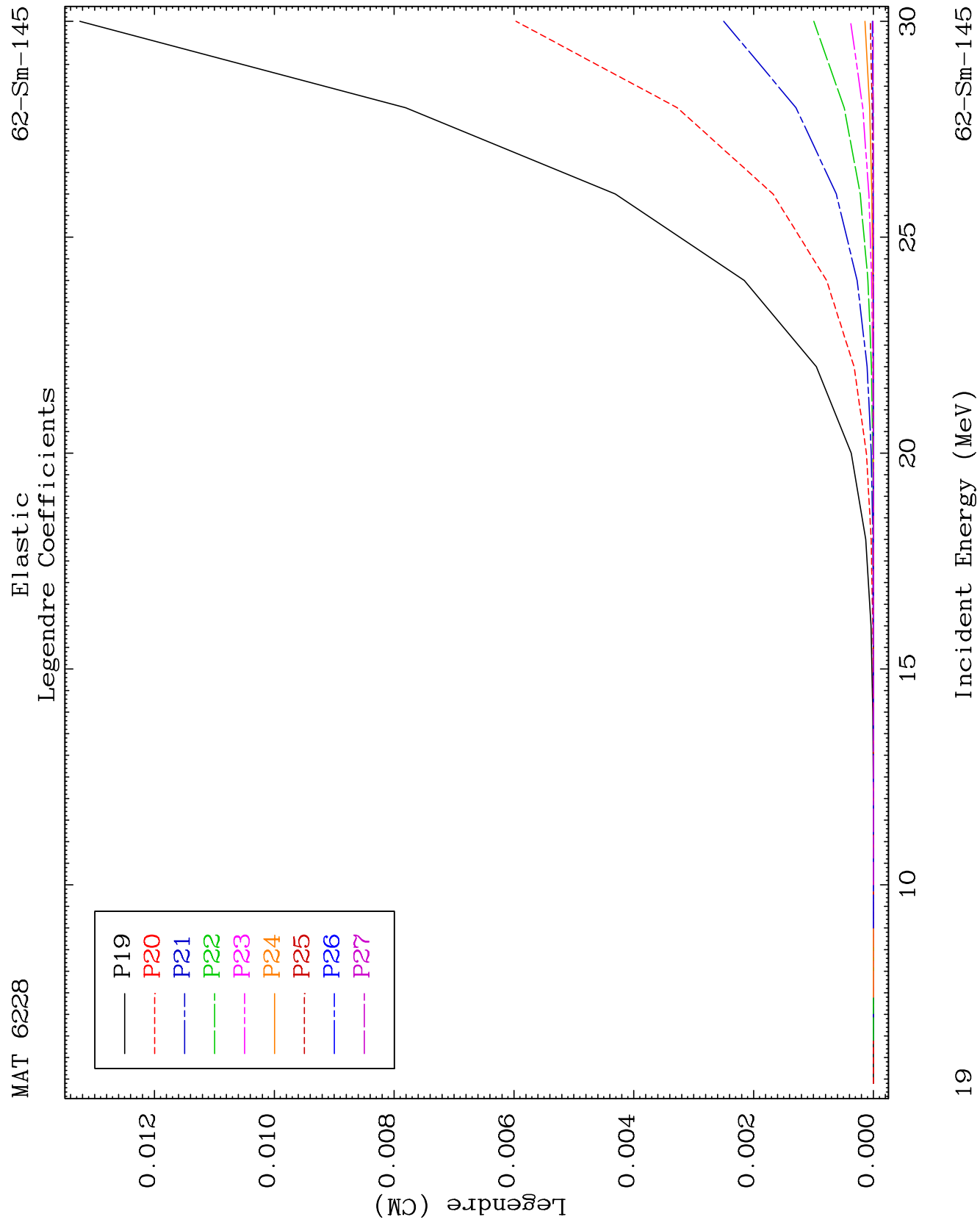
Incident Energy (MeV)

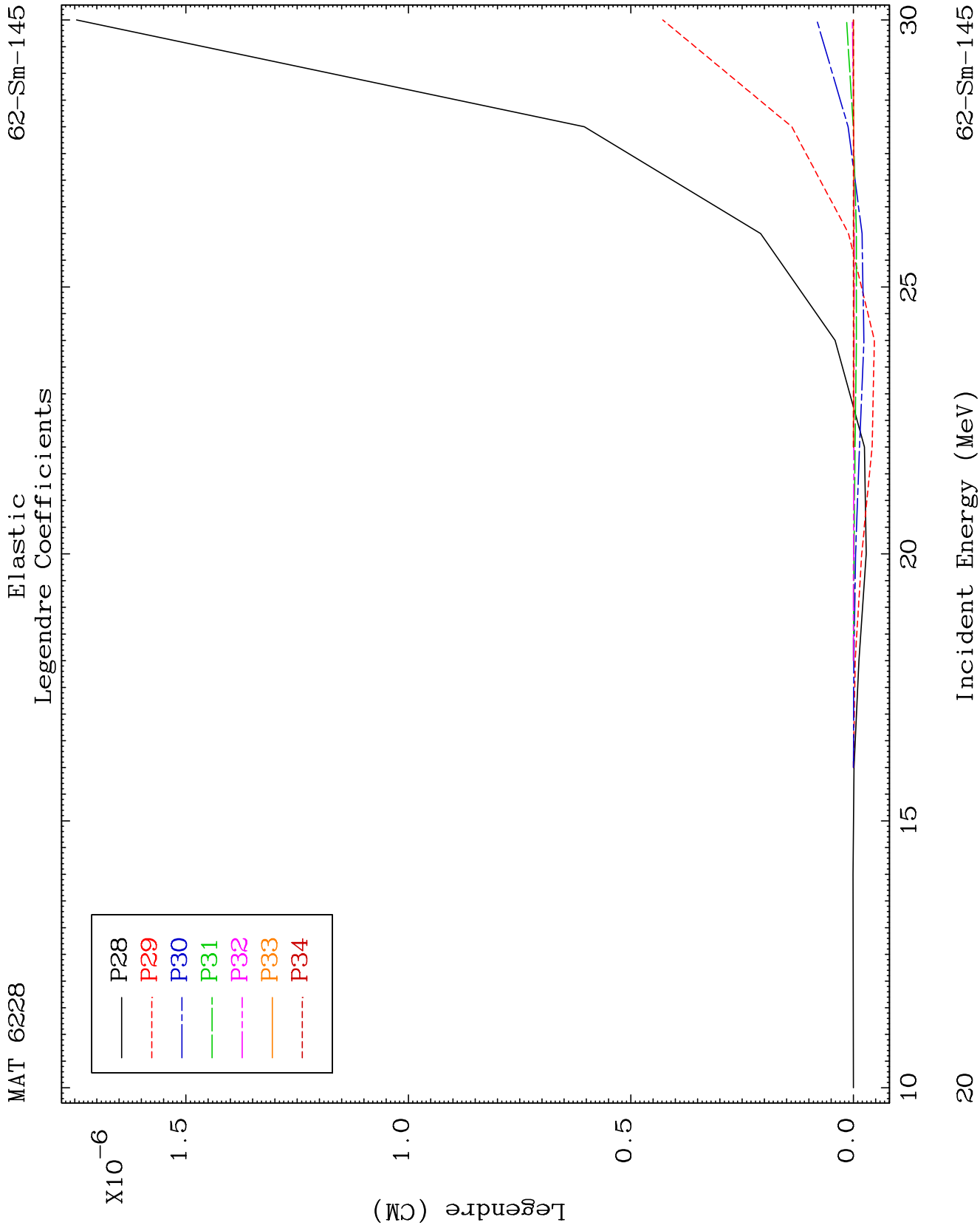
62-Sm-145







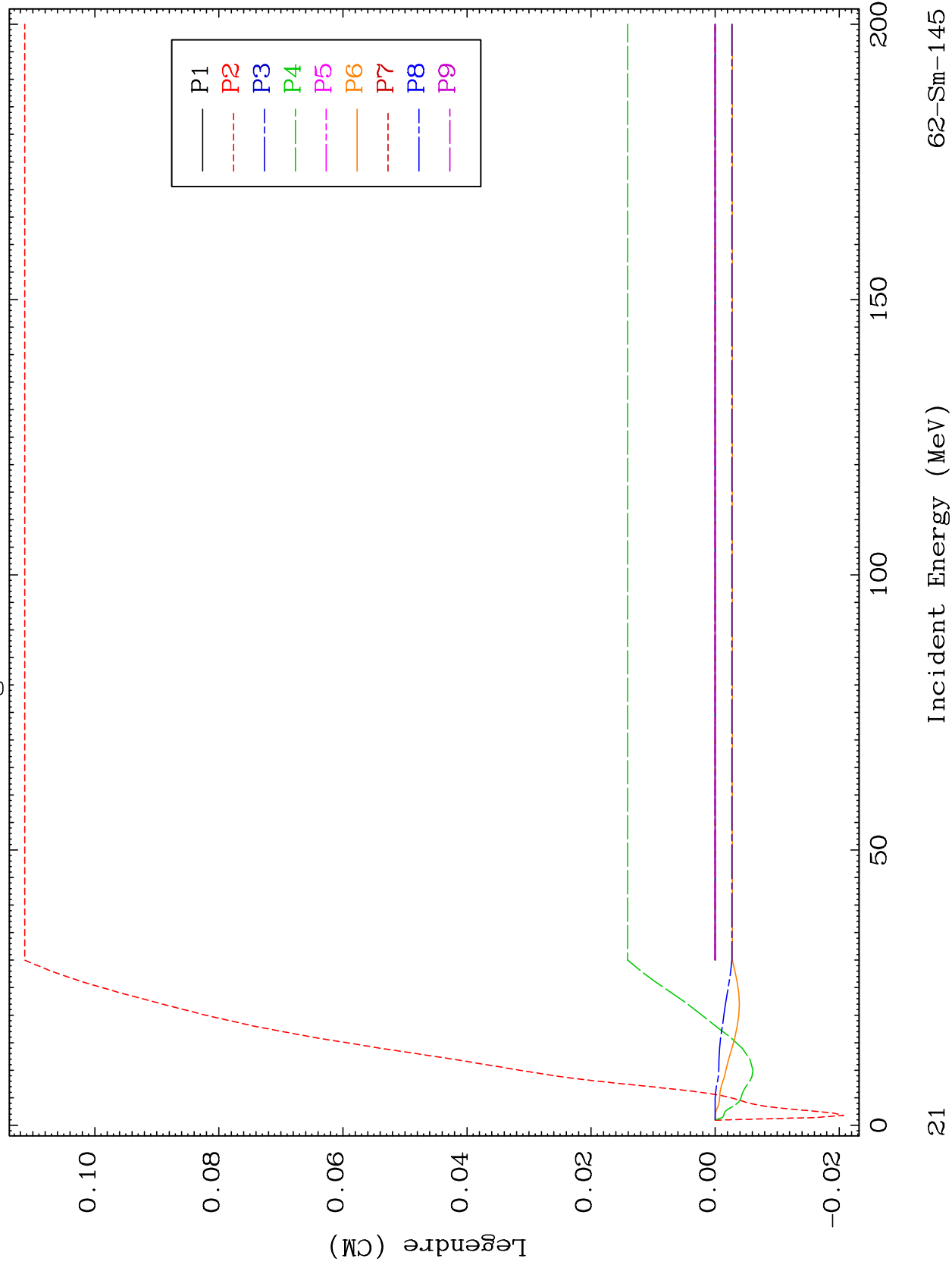




MAT 6228

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

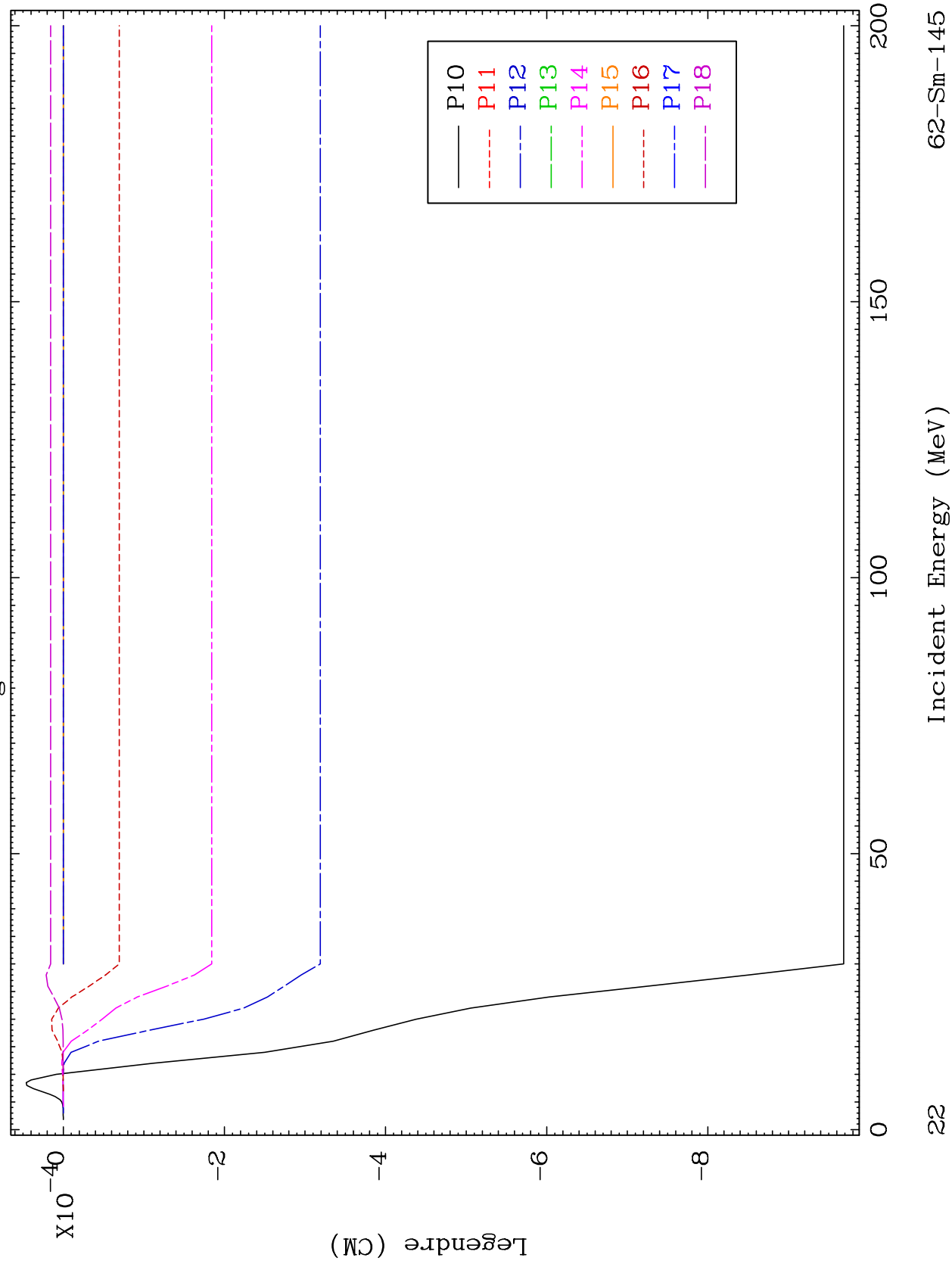
62-Sm-145

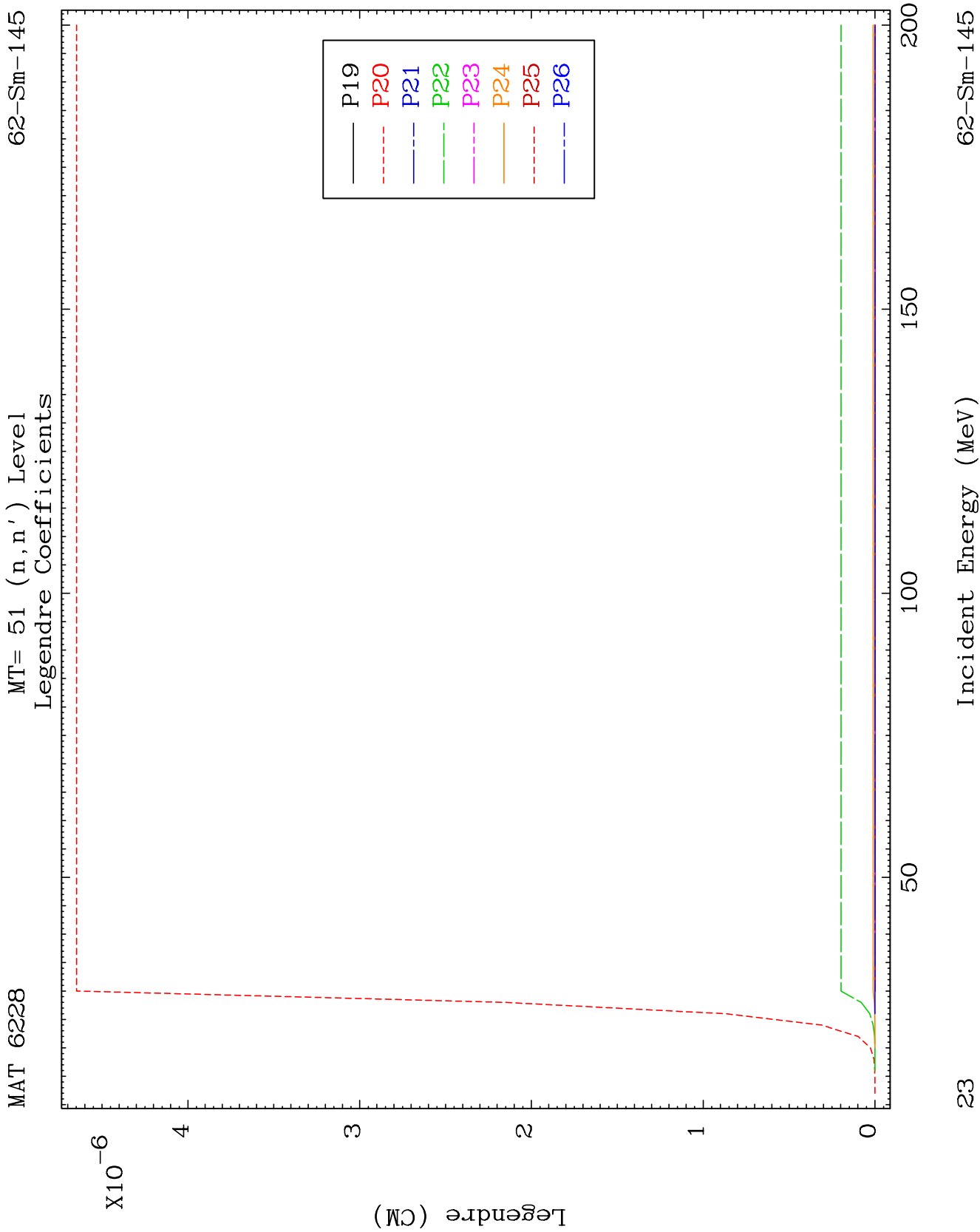


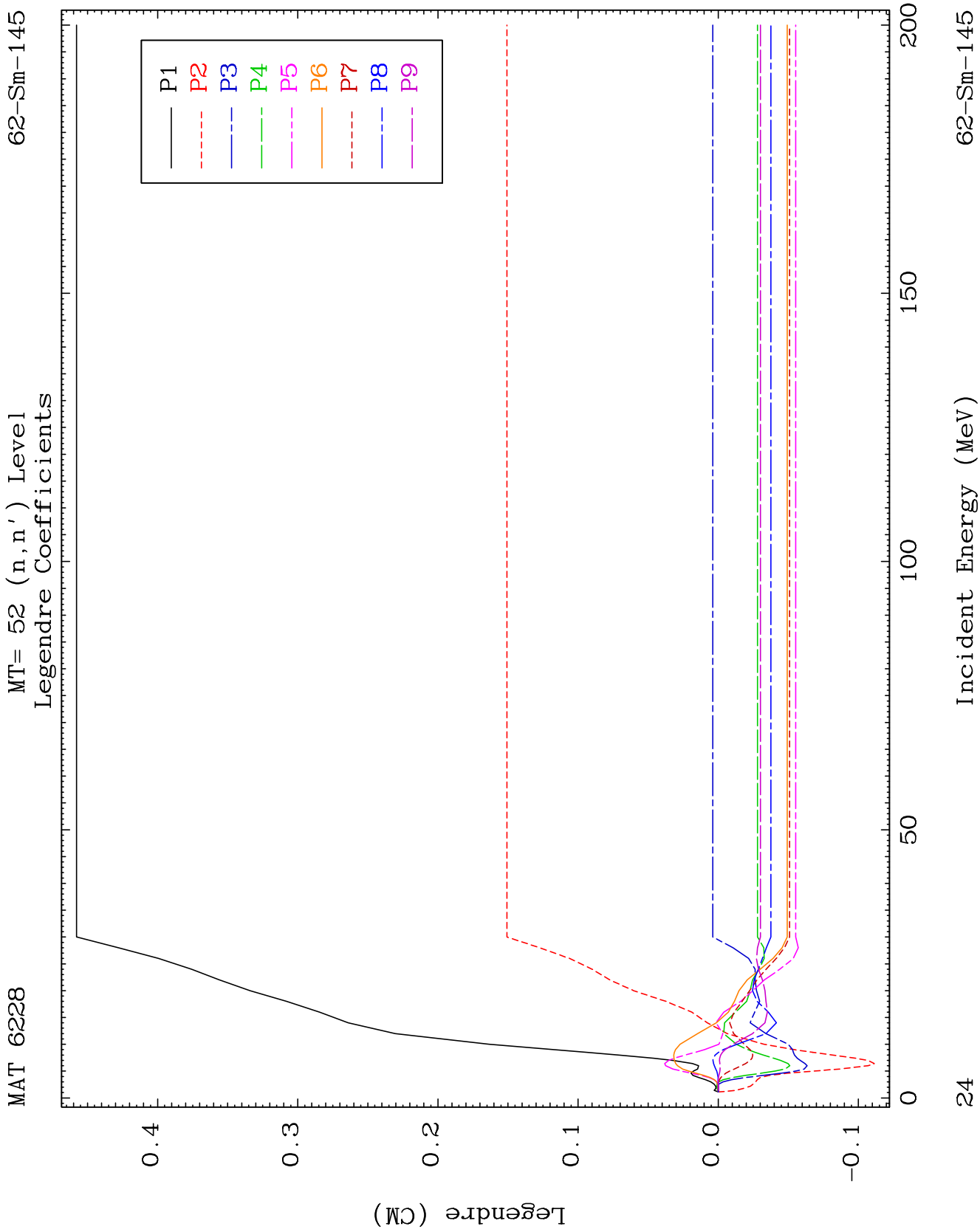
MAT 6228

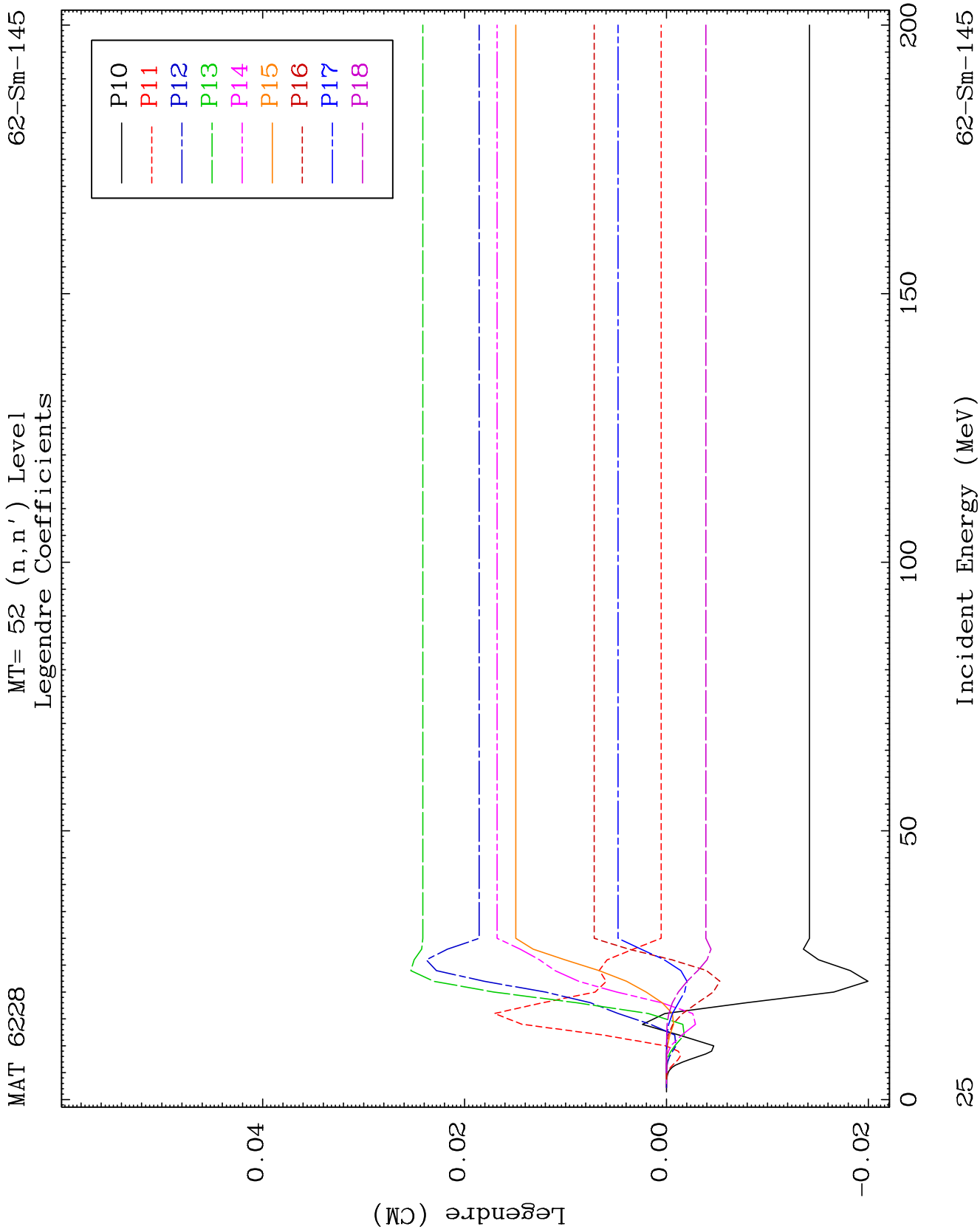
MT= 51 (n, n') Level
Legendre Coefficients

62-Sm-145





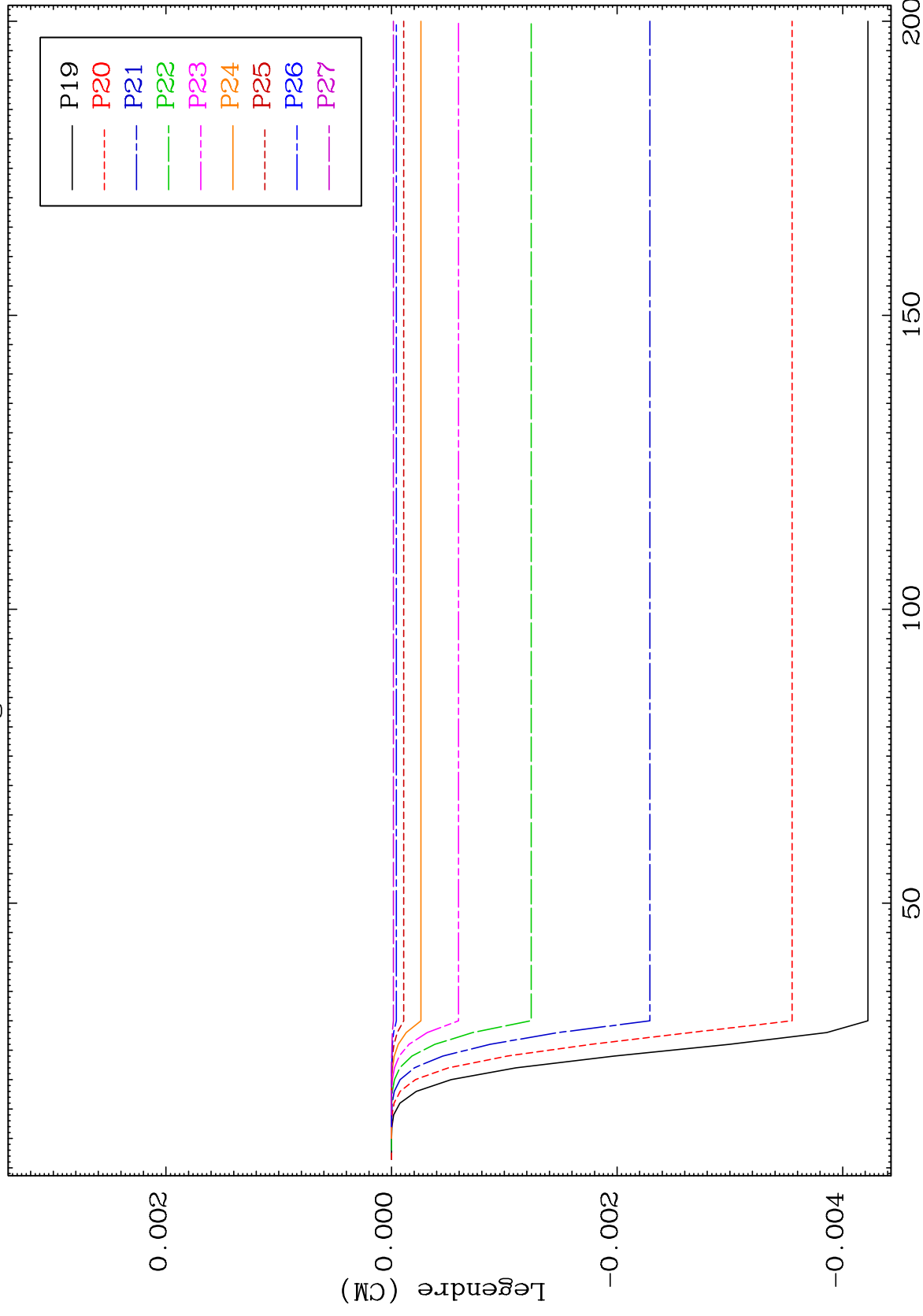




MAT 6228

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

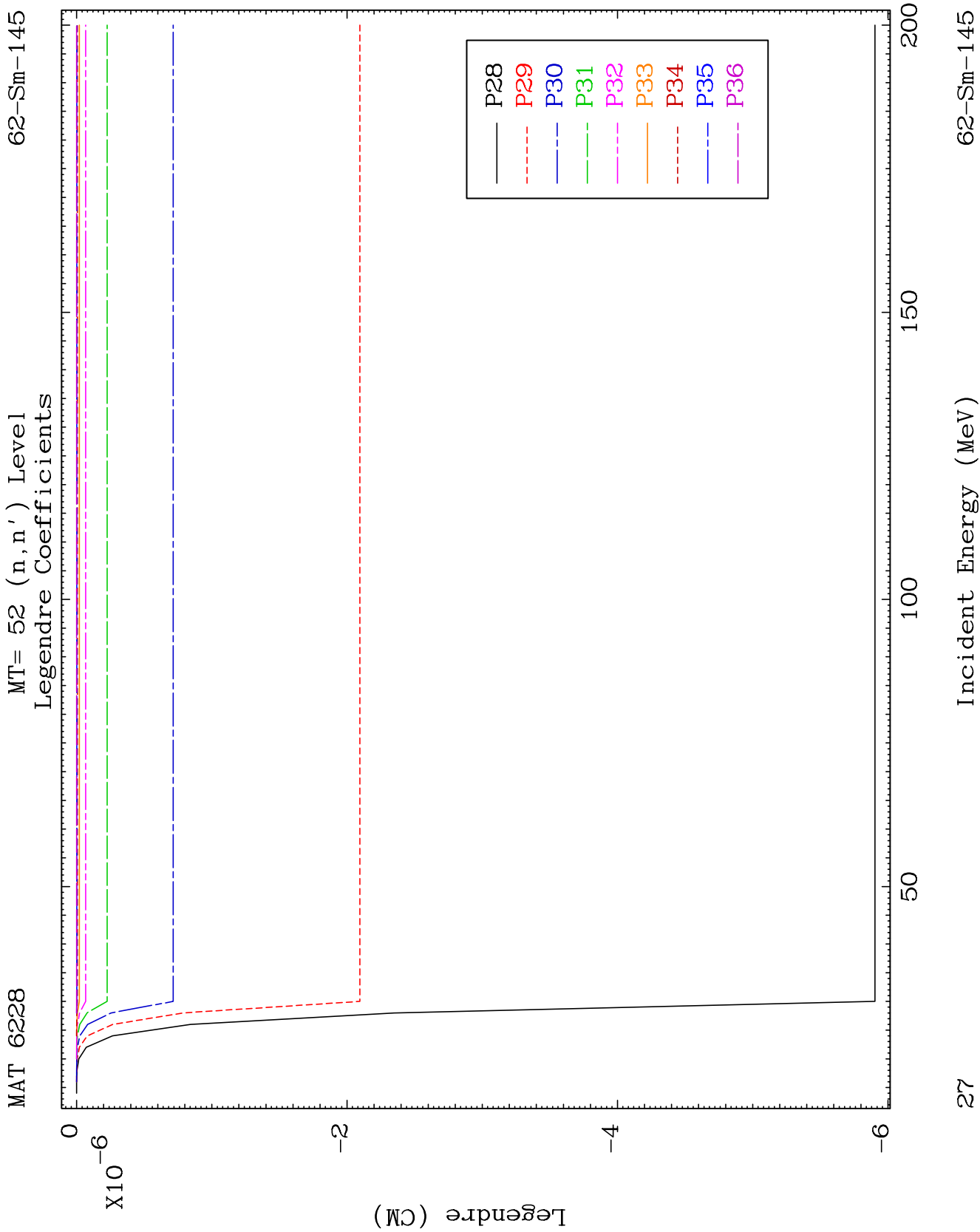
62-Sm-145



26

Incident Energy (MeV)

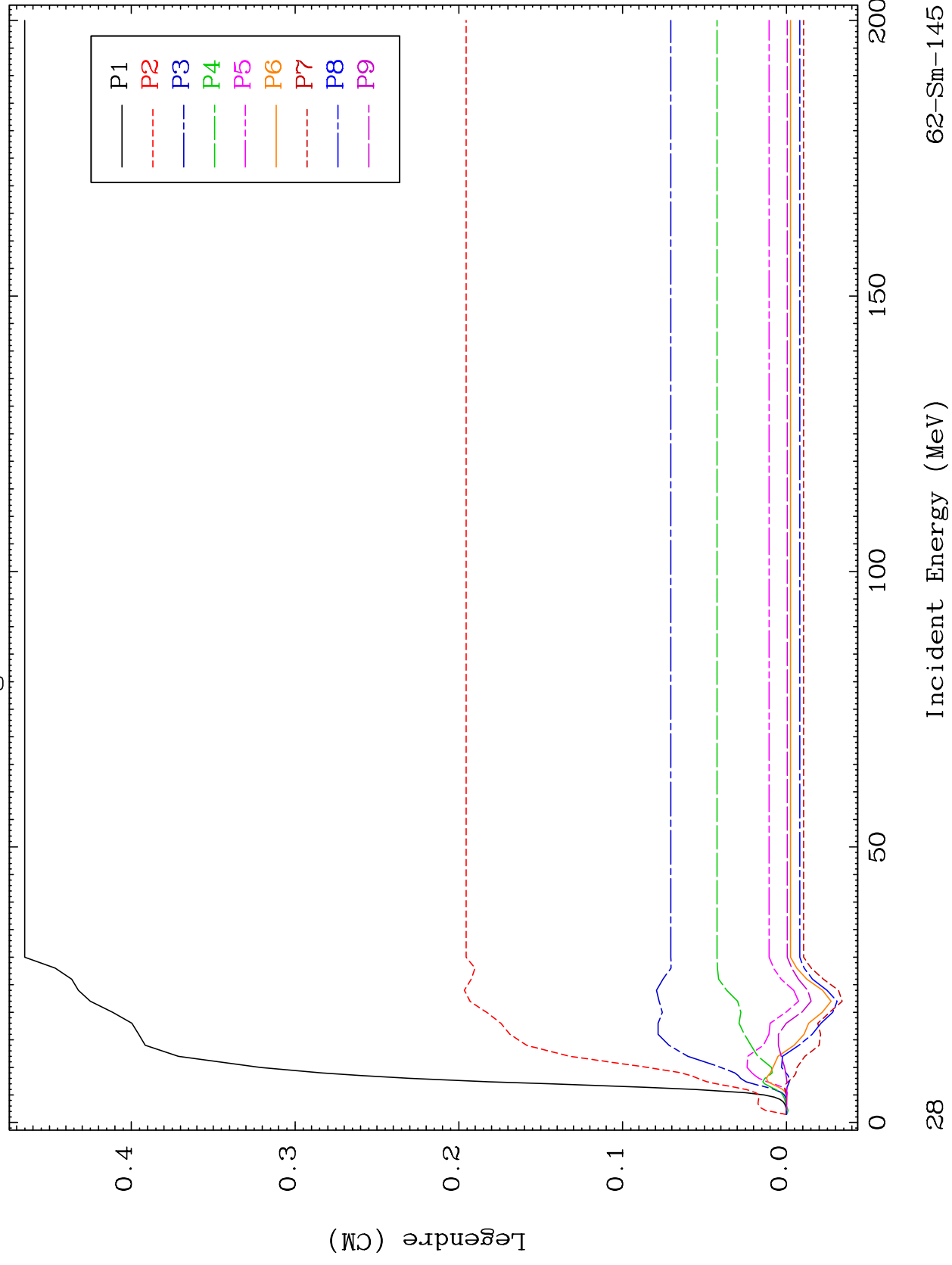
62-Sm-145

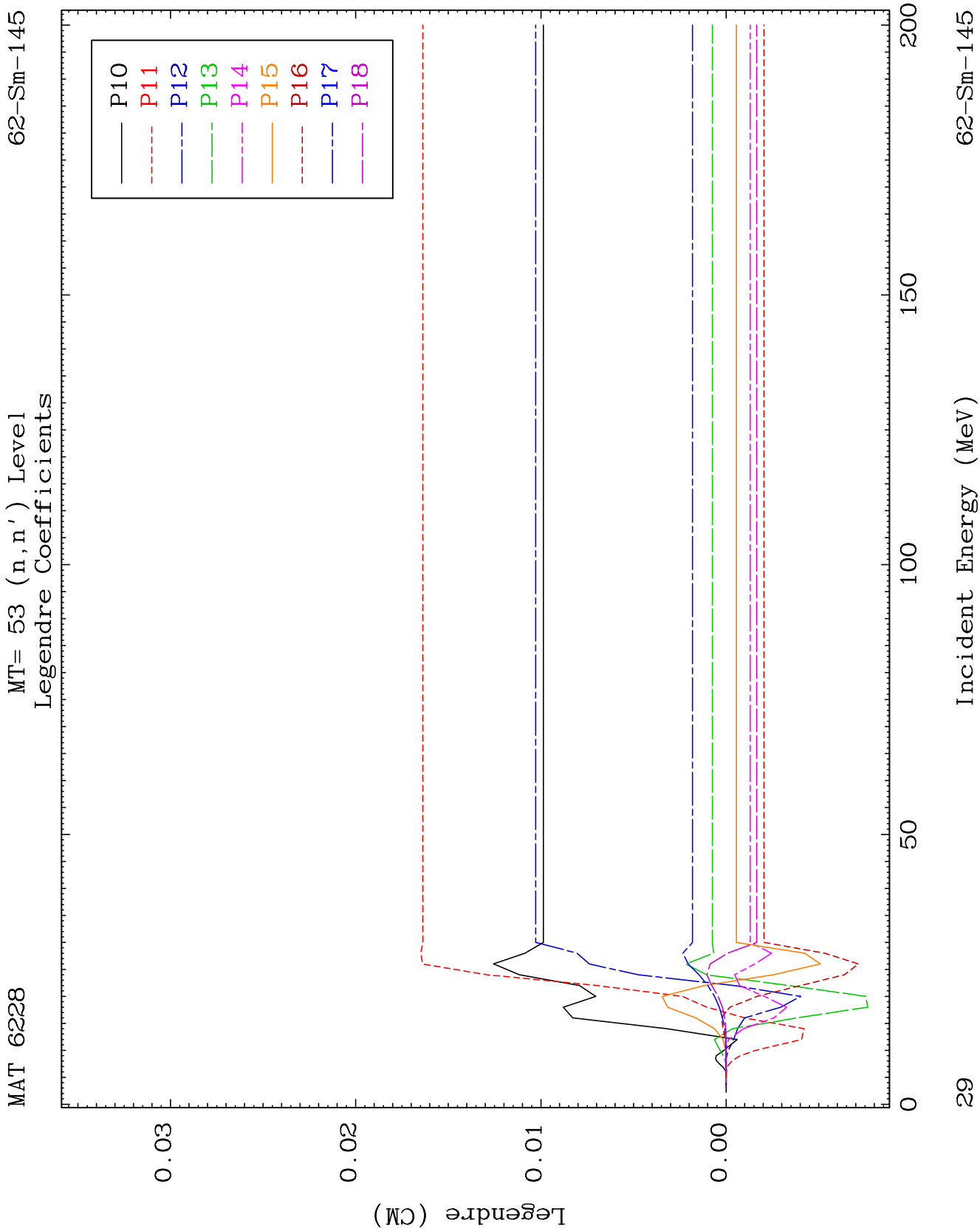


MAT 6228

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

62-Sm-145

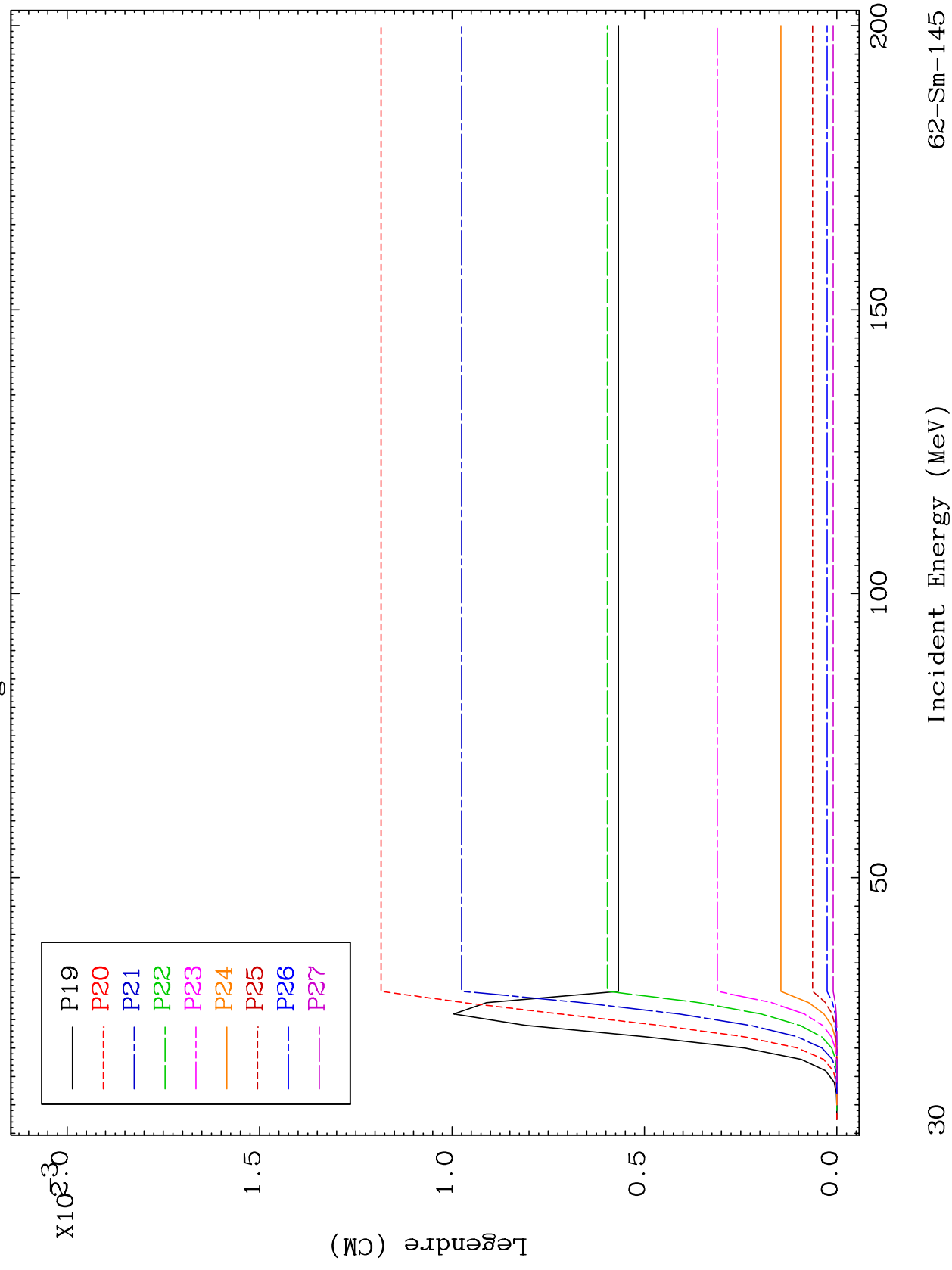


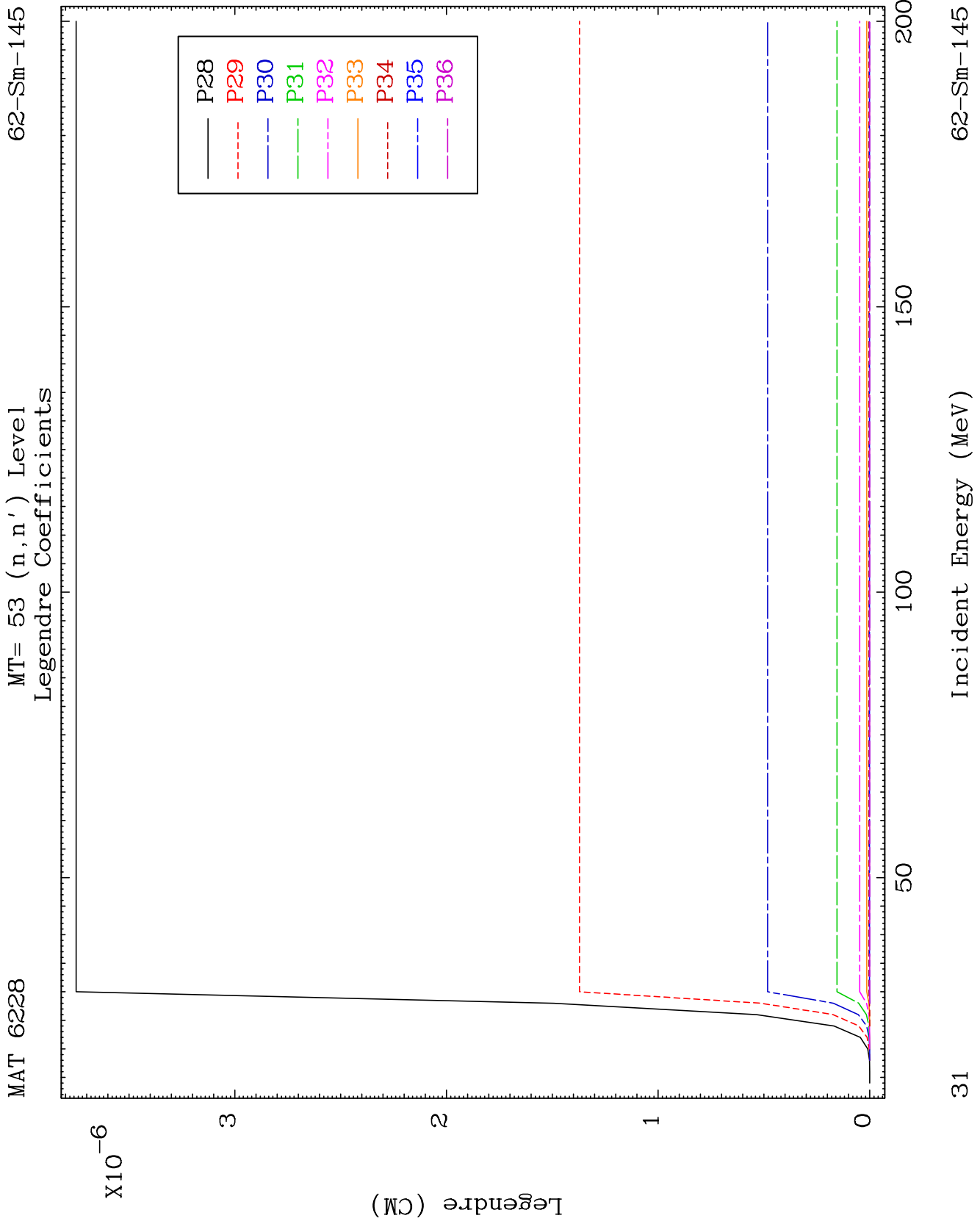


MAT 6228

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

62-Sm-145

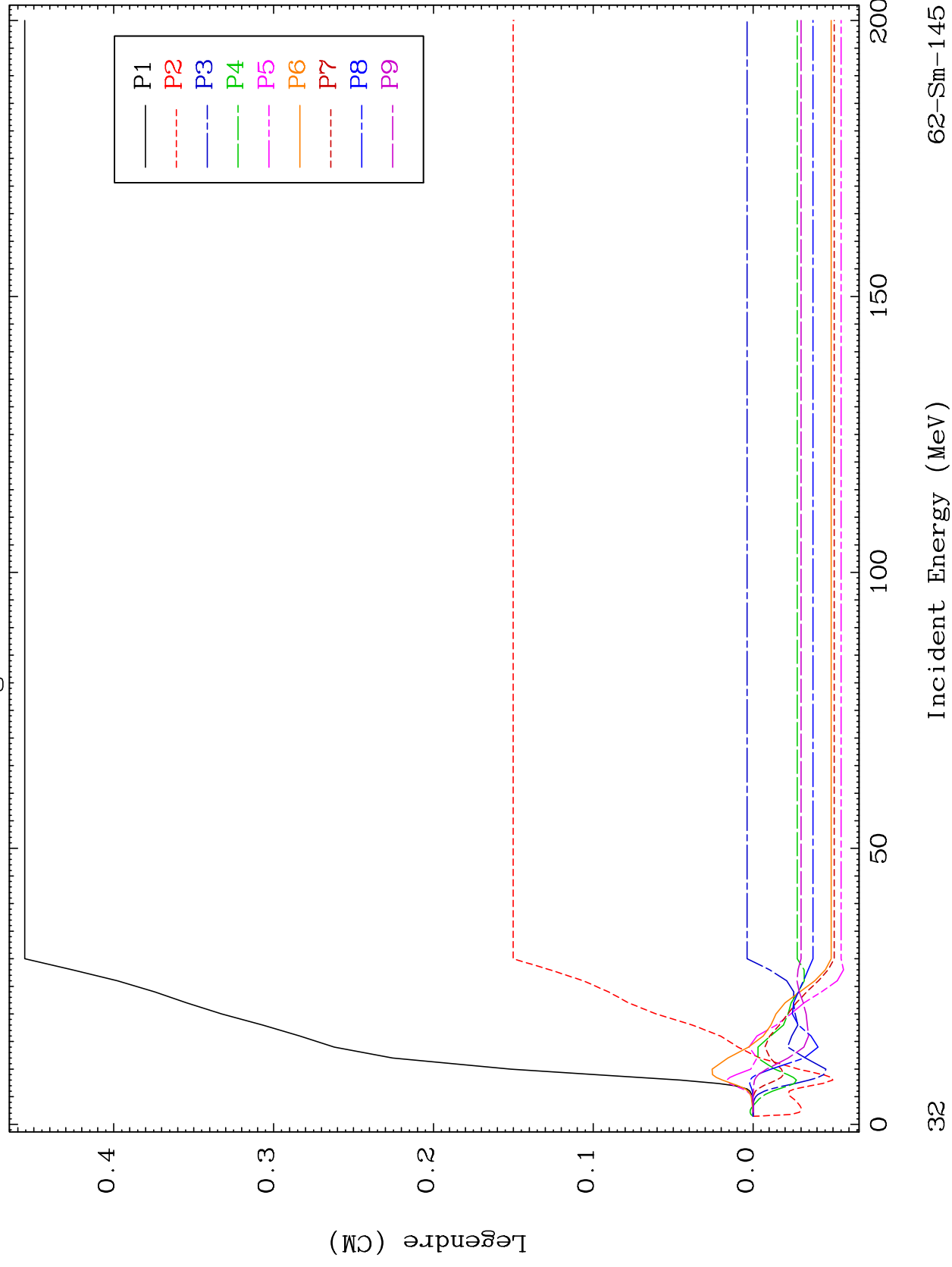


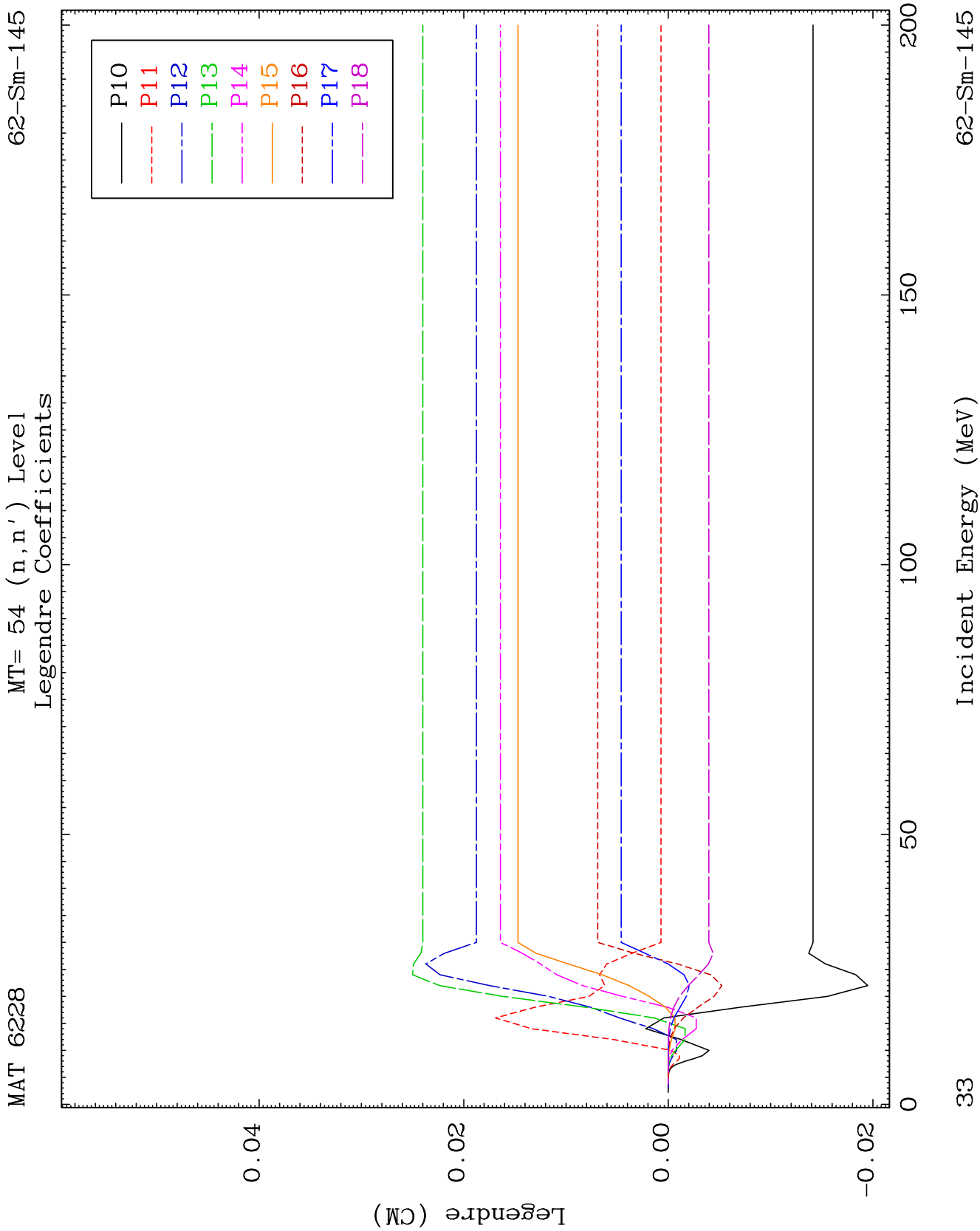


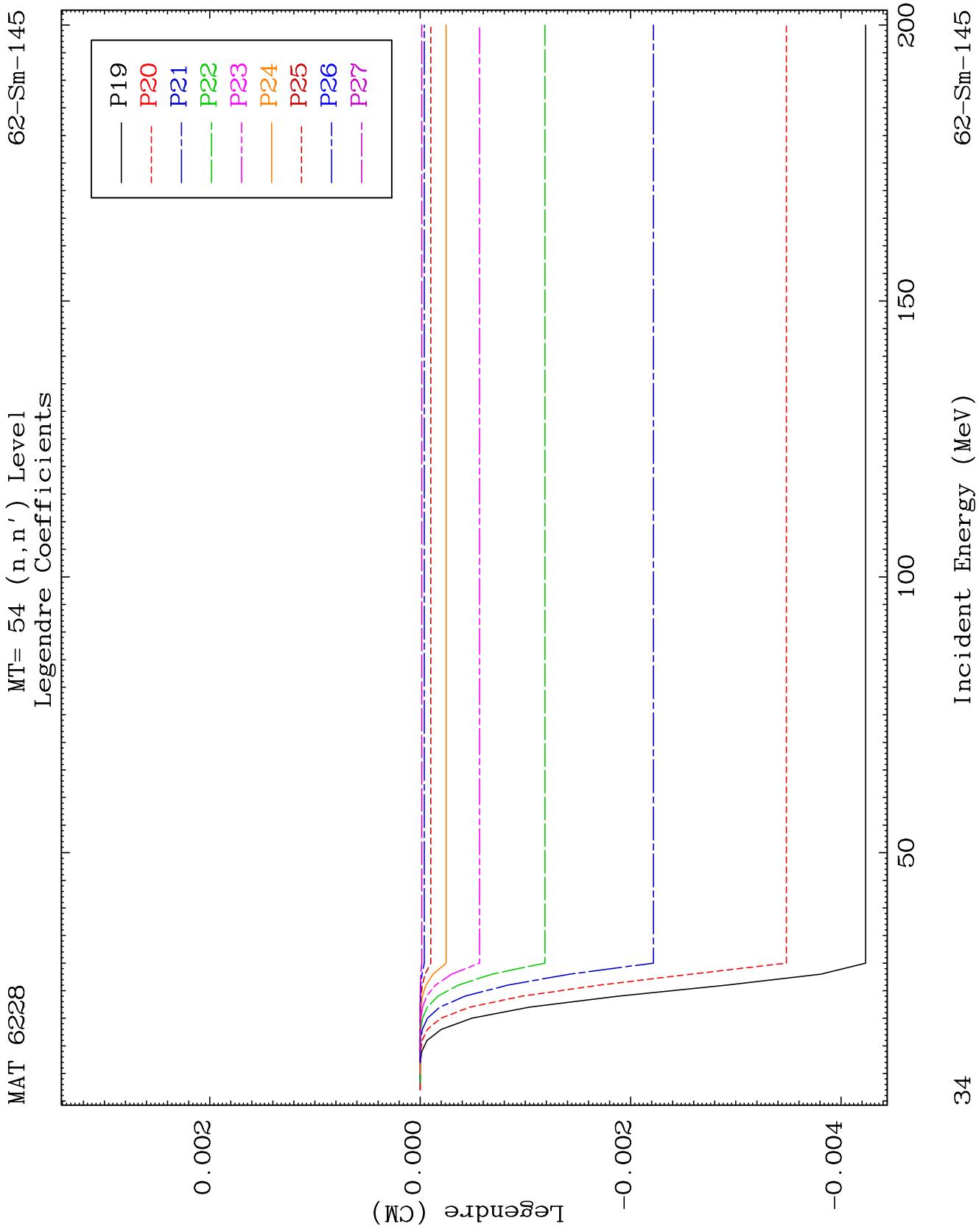
MAT 6228

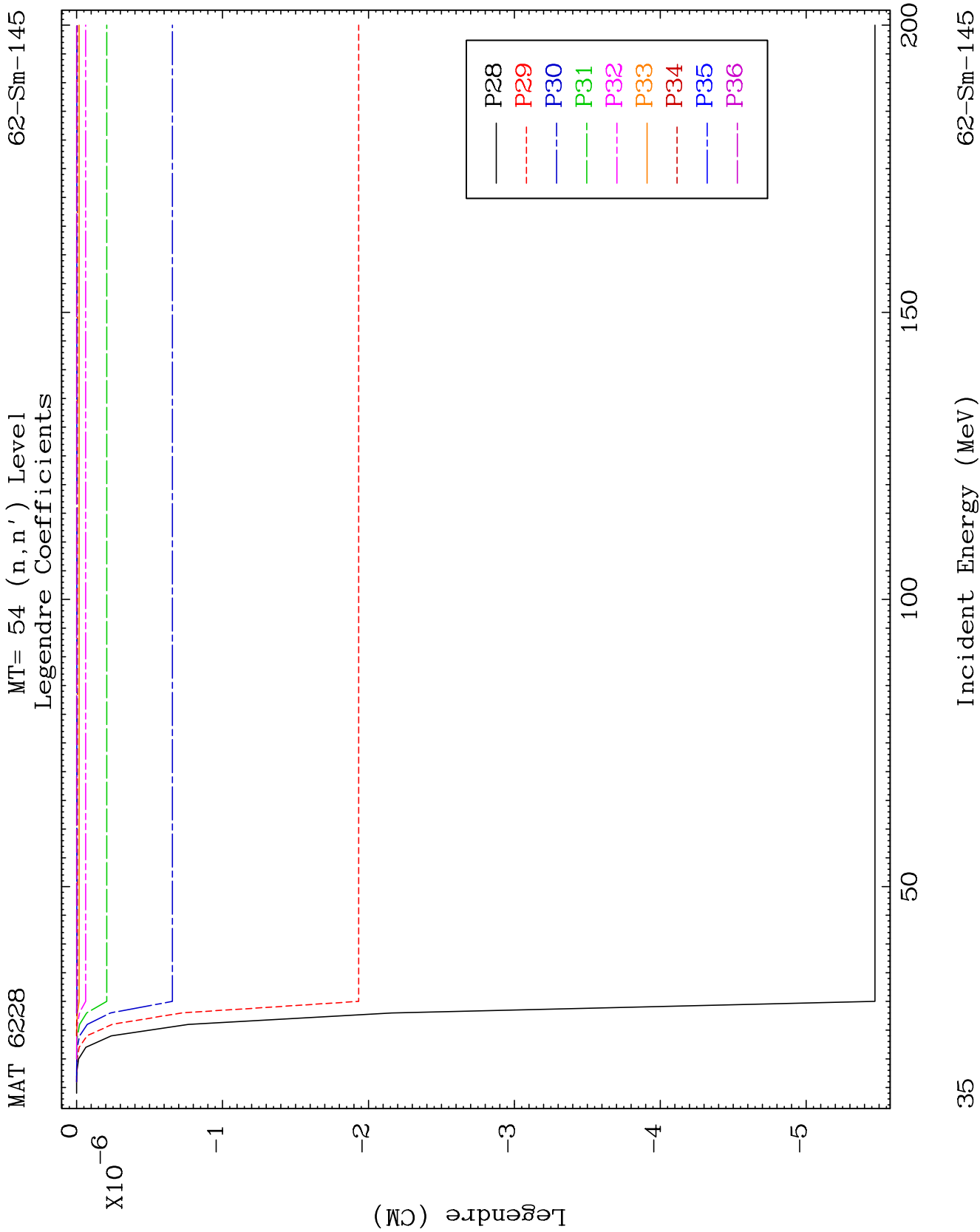
MT= 54 (n, n') Level
Legendre Coefficients

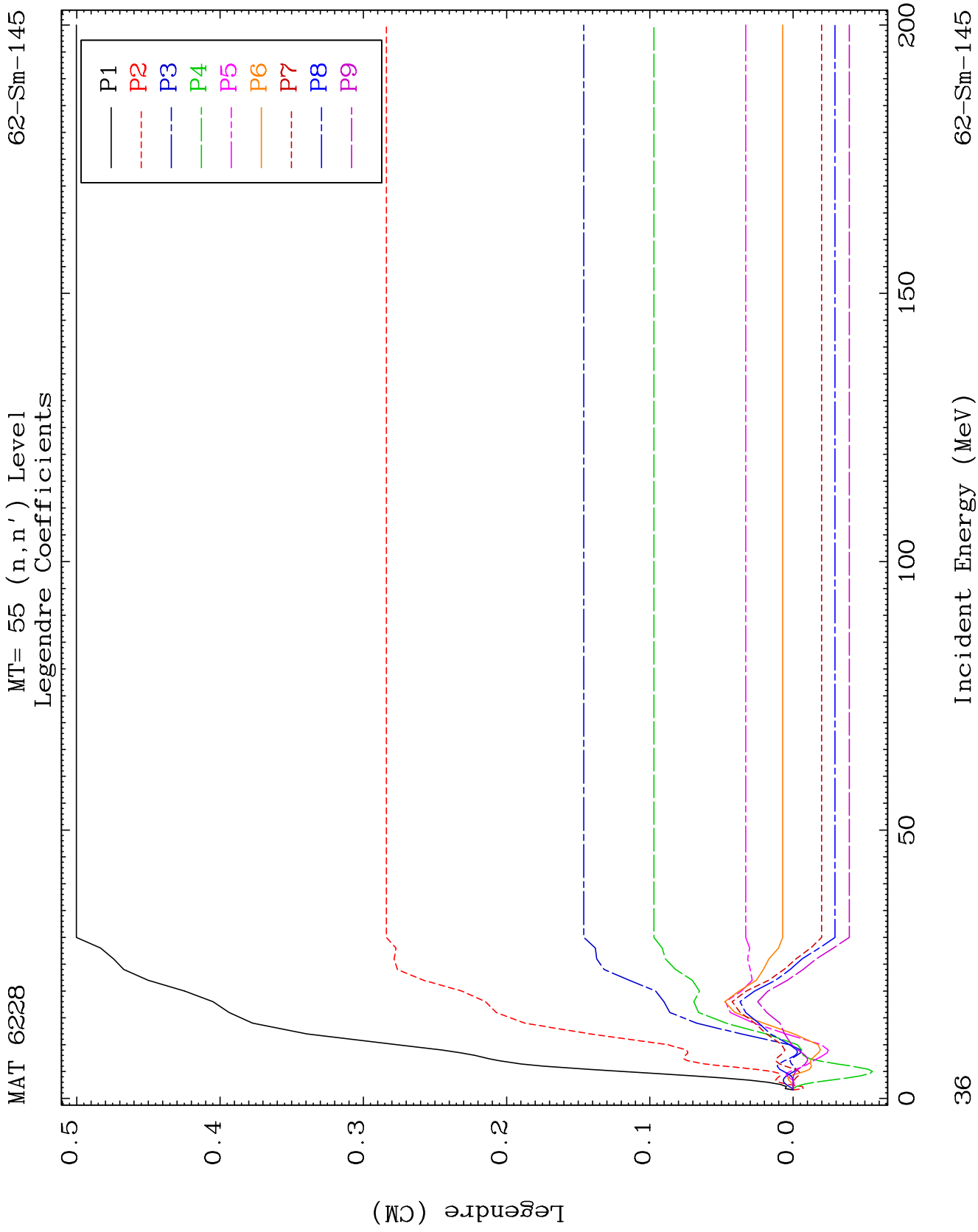
62-Sm-145

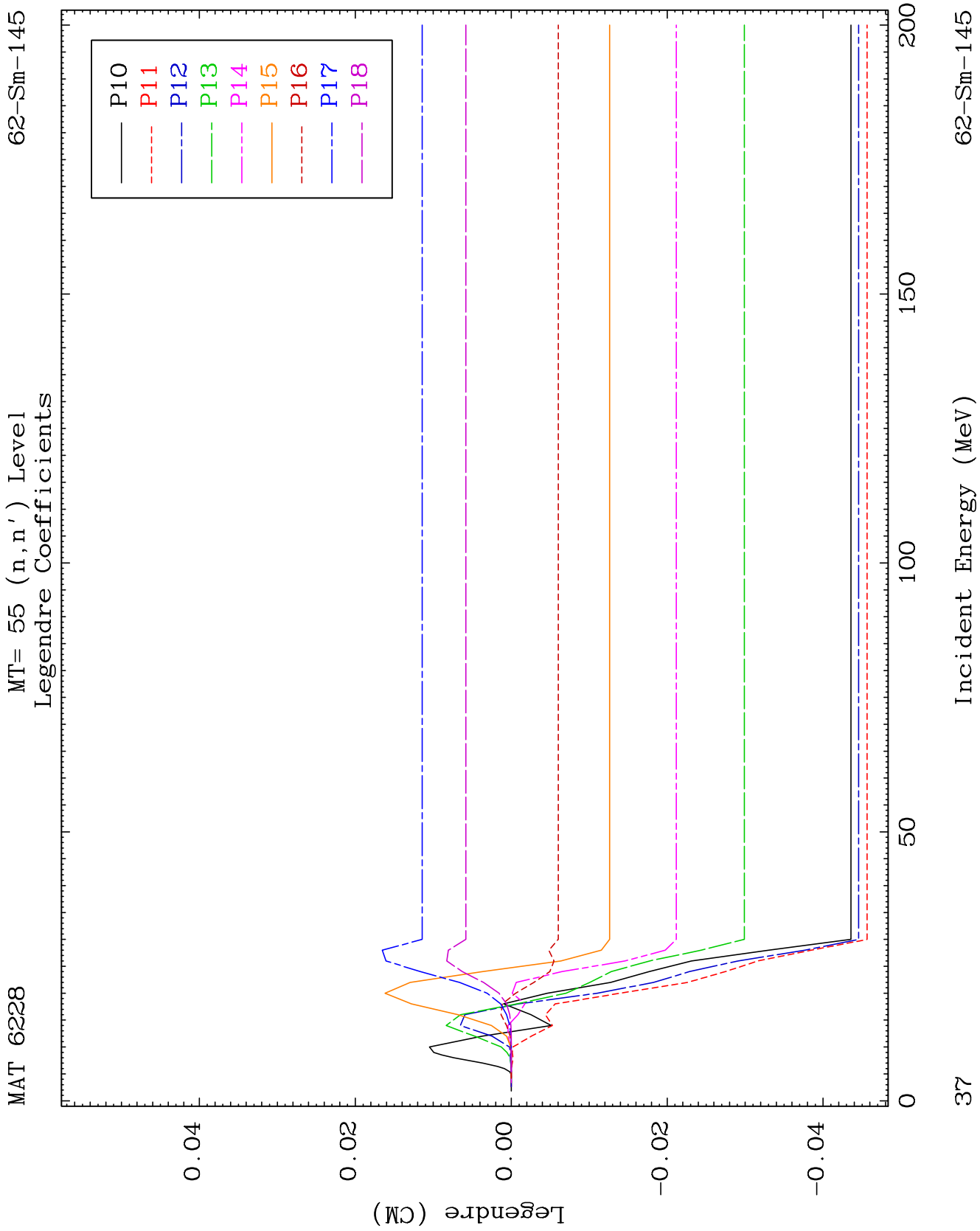








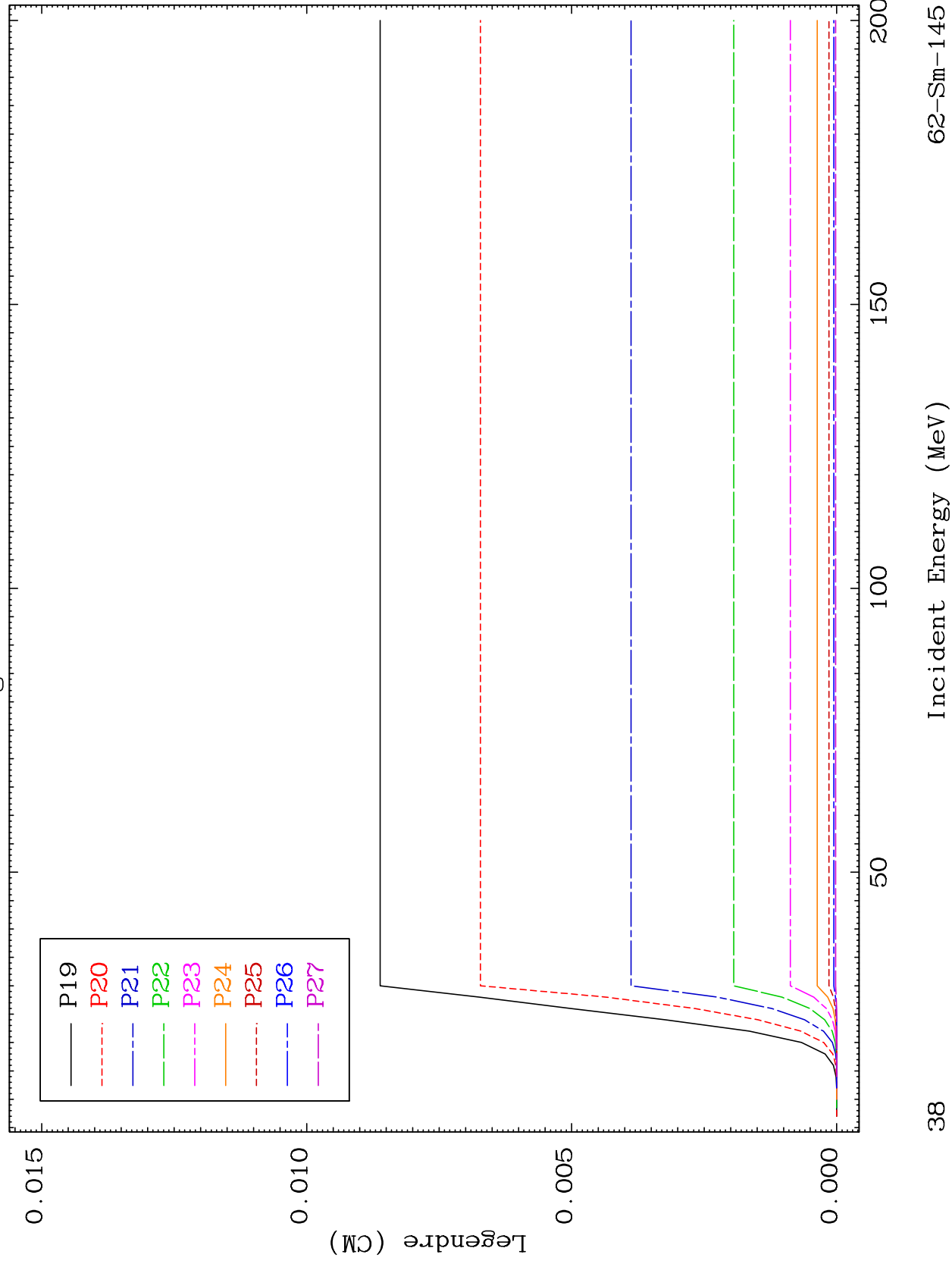


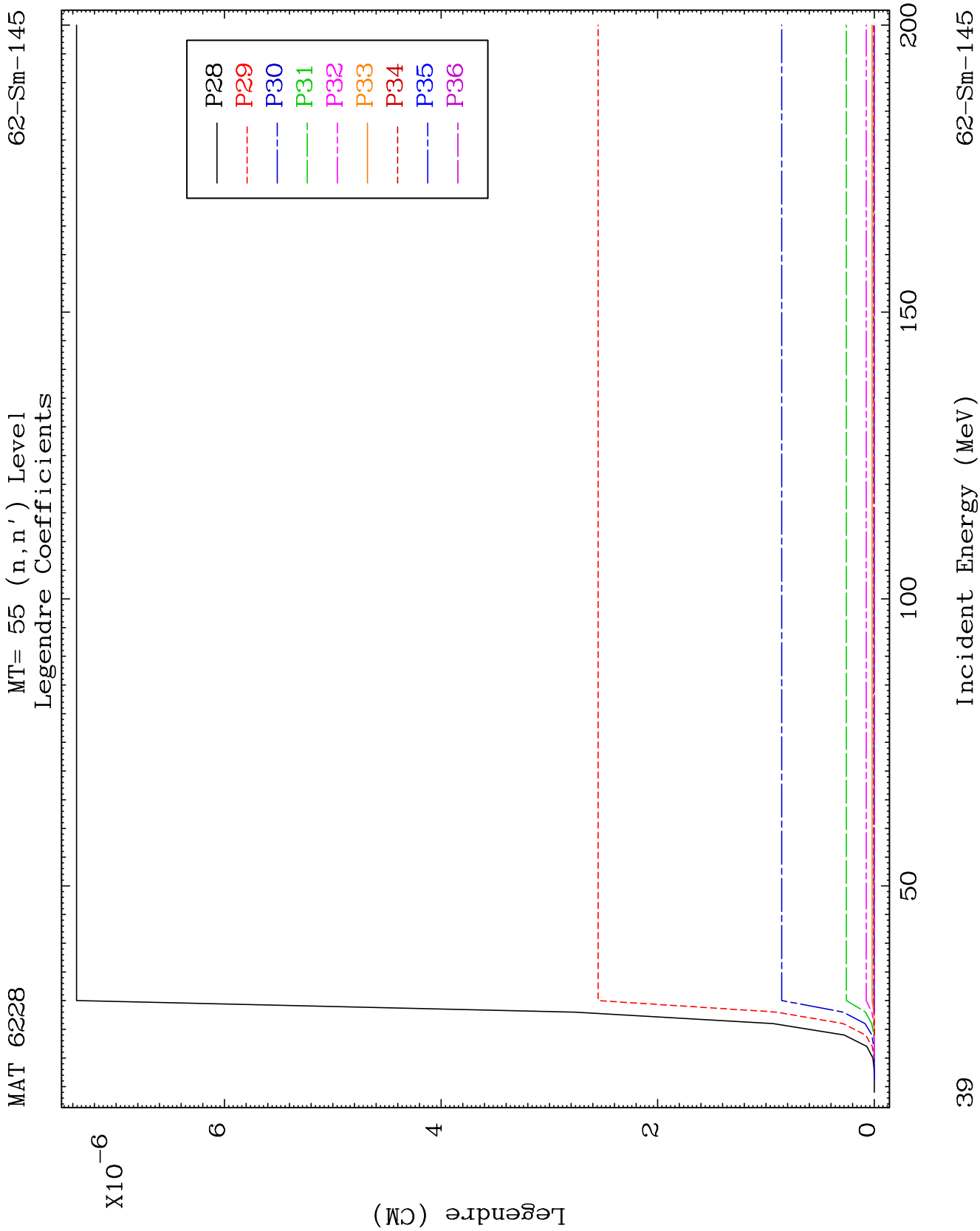


MAT 6228

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

62-Sm-145

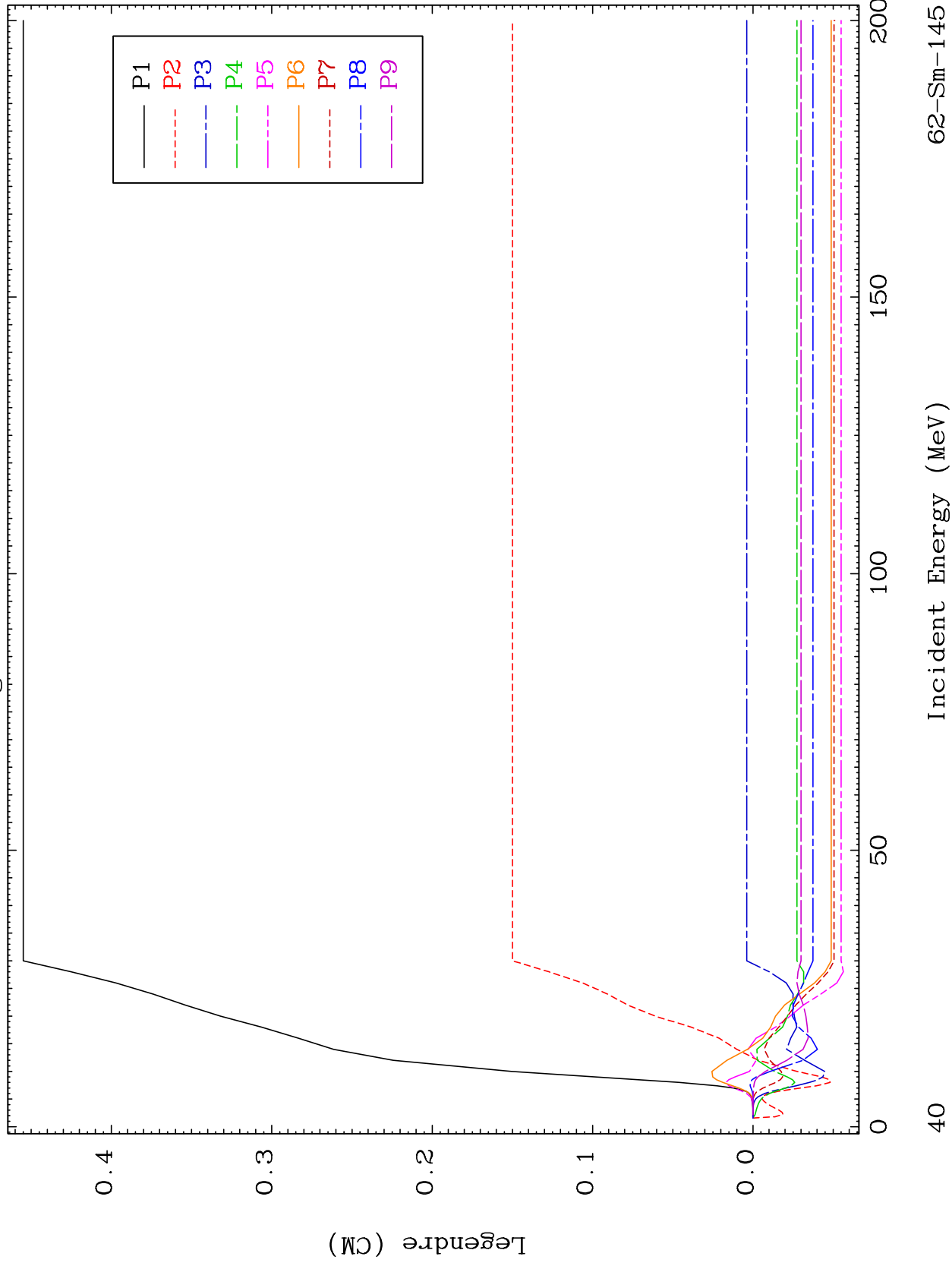


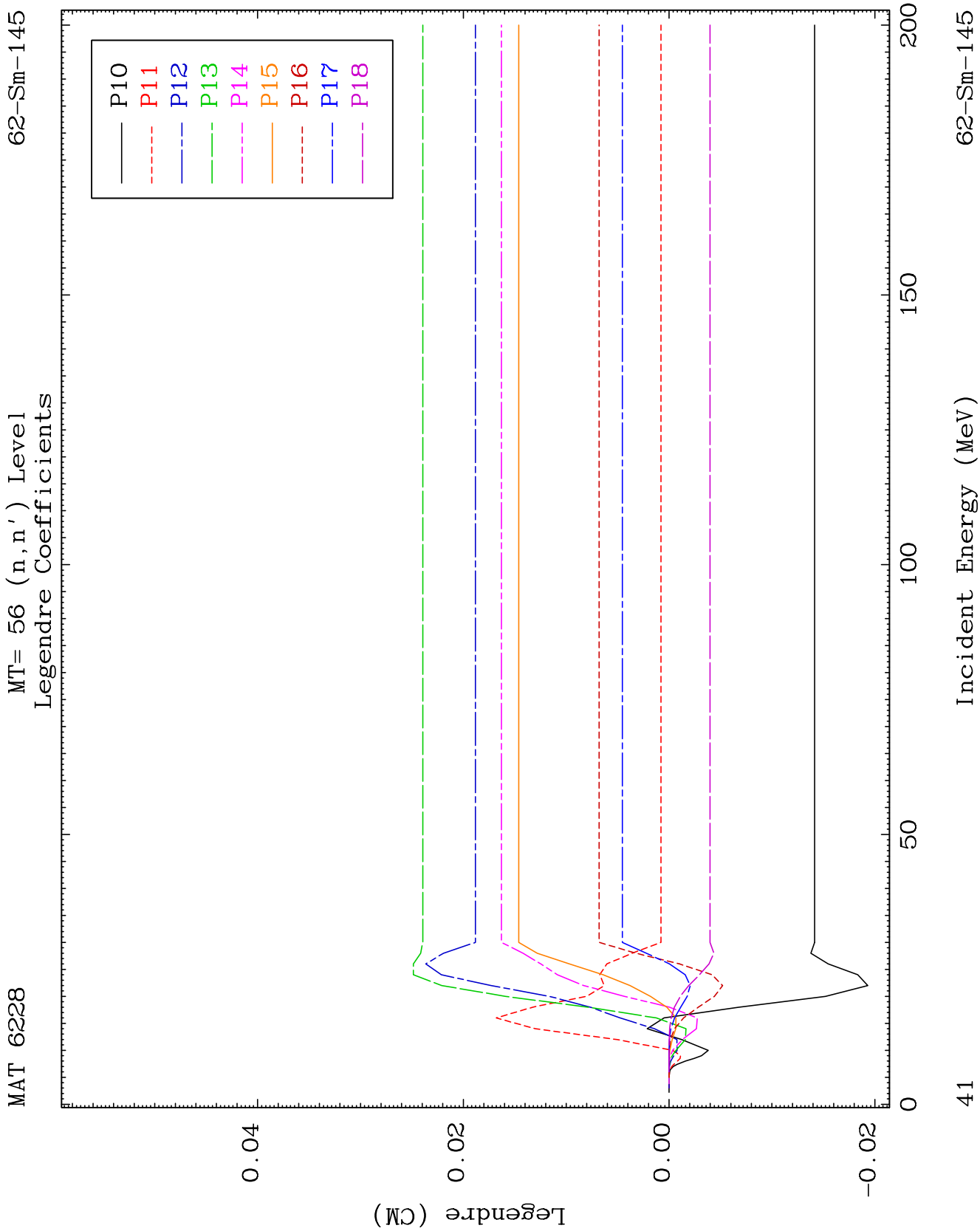


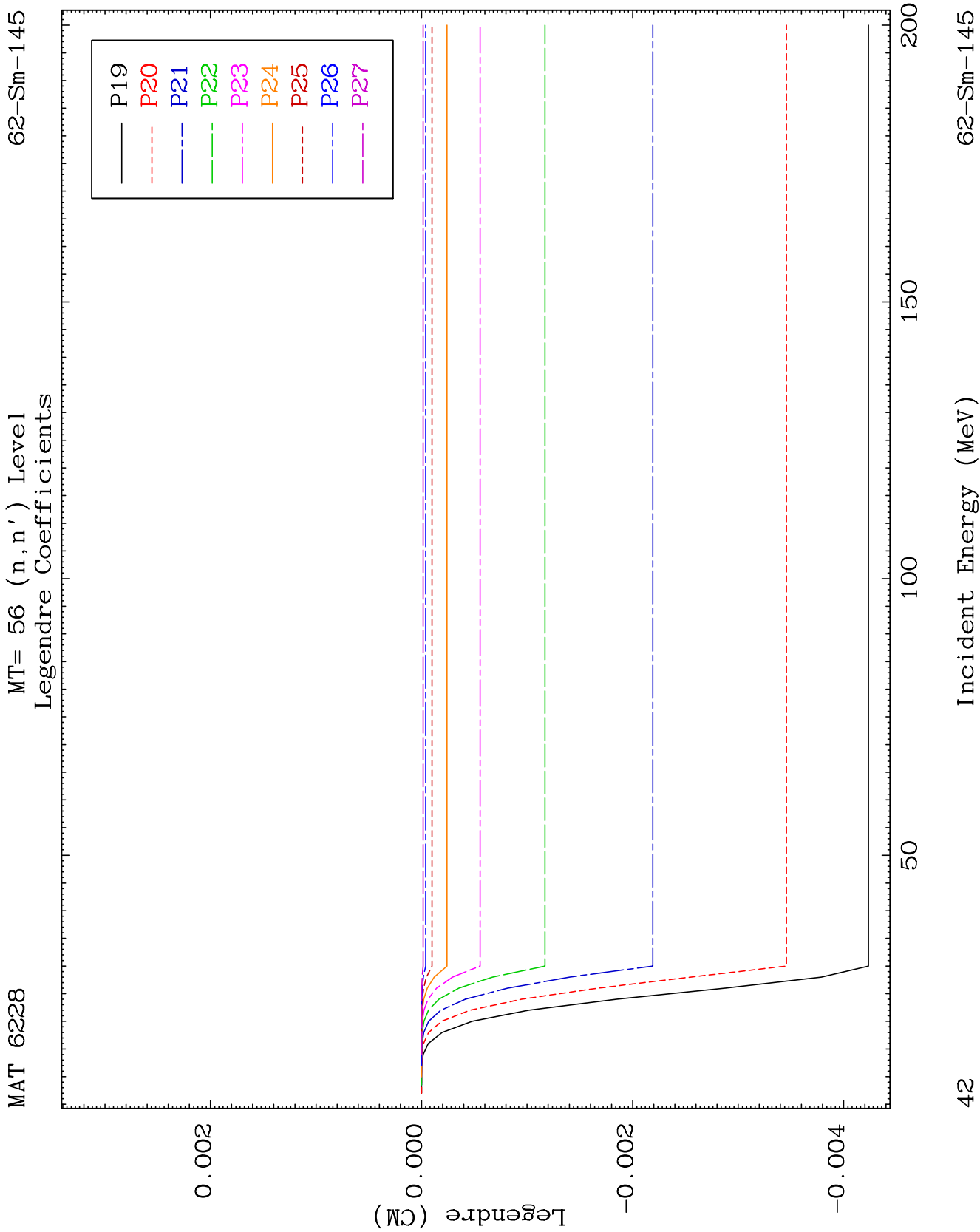
MAT 6228

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

62-Sm-145



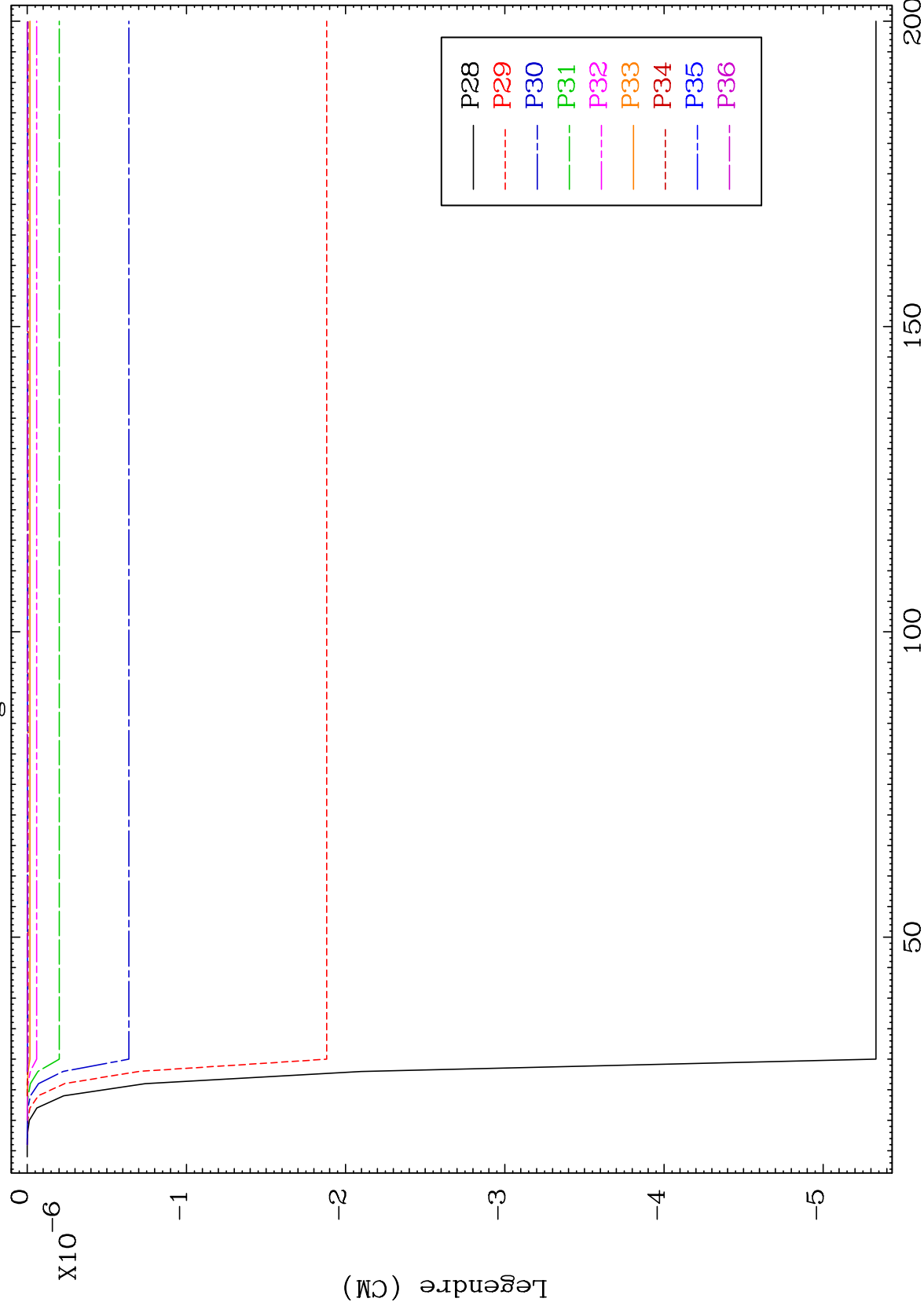




MAT 6228

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

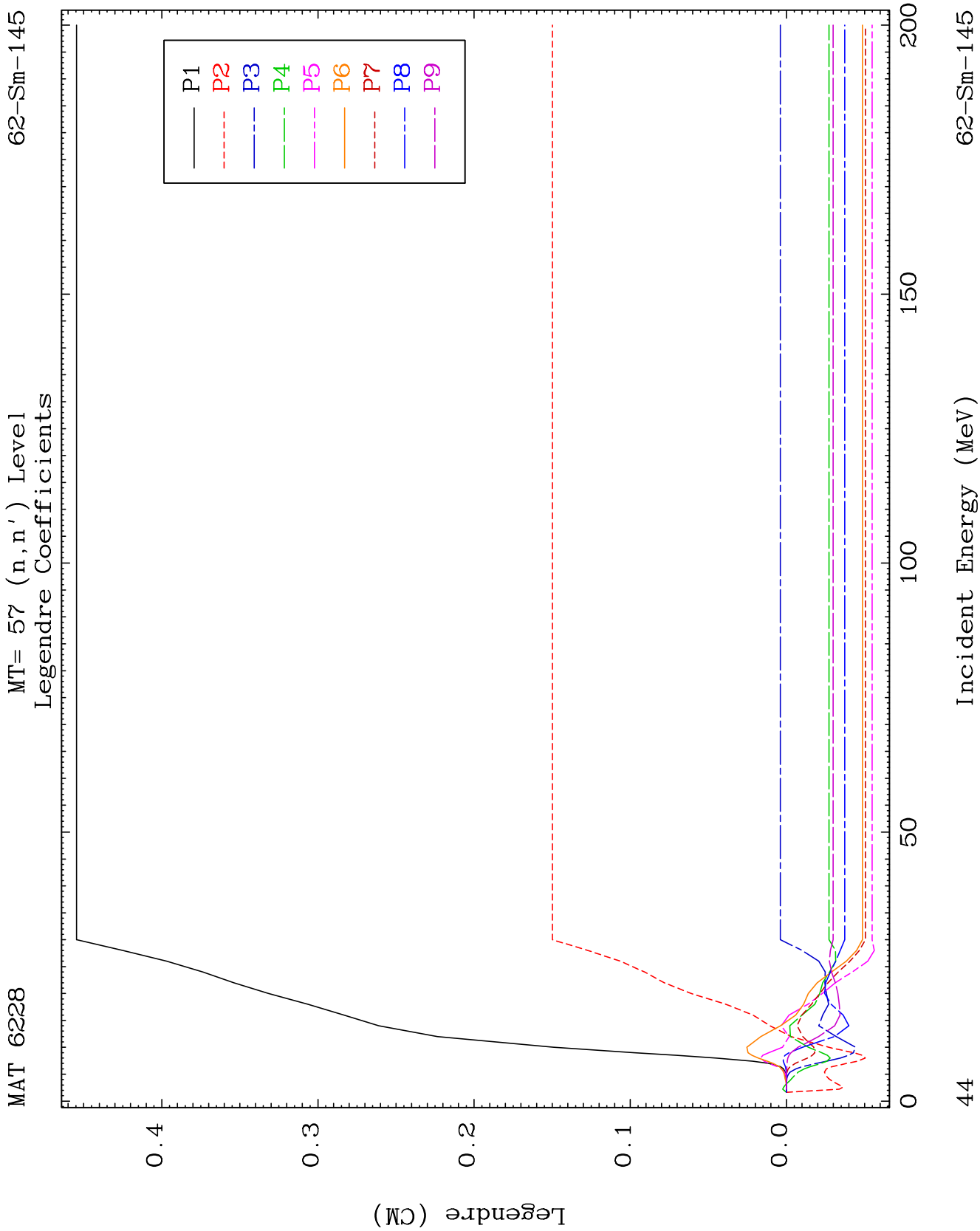
62-Sm-145

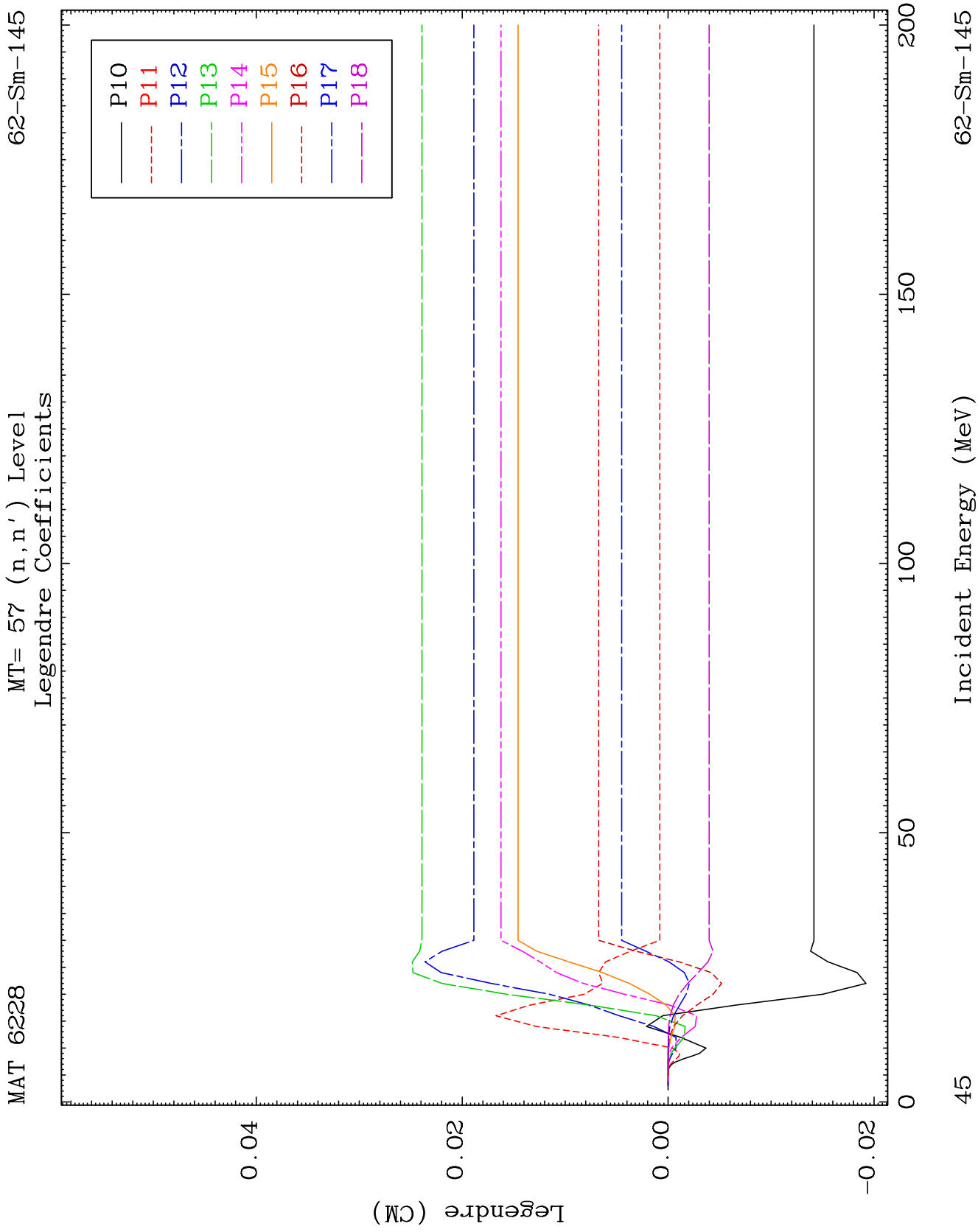


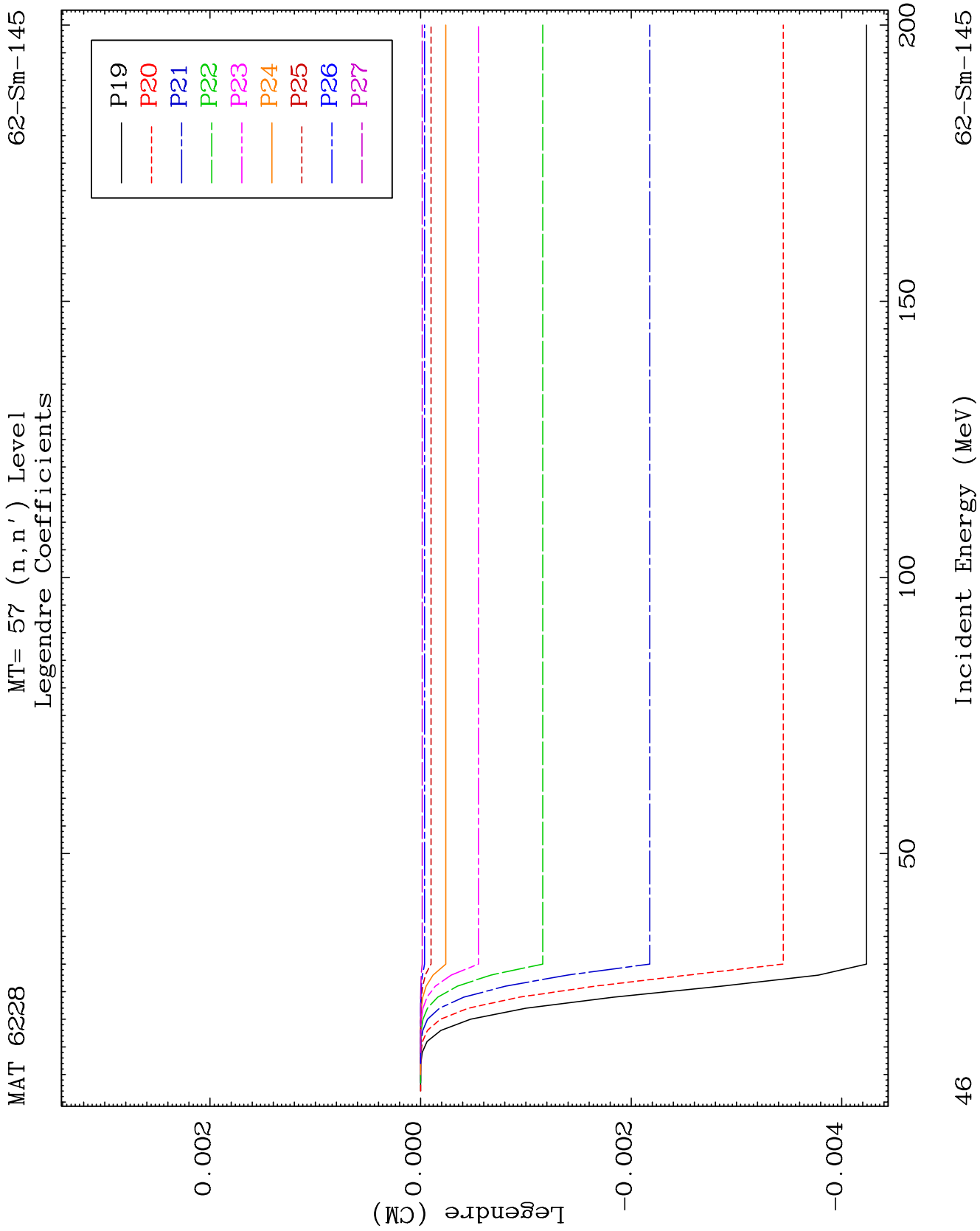
43

Incident Energy (MeV)

62-Sm-145



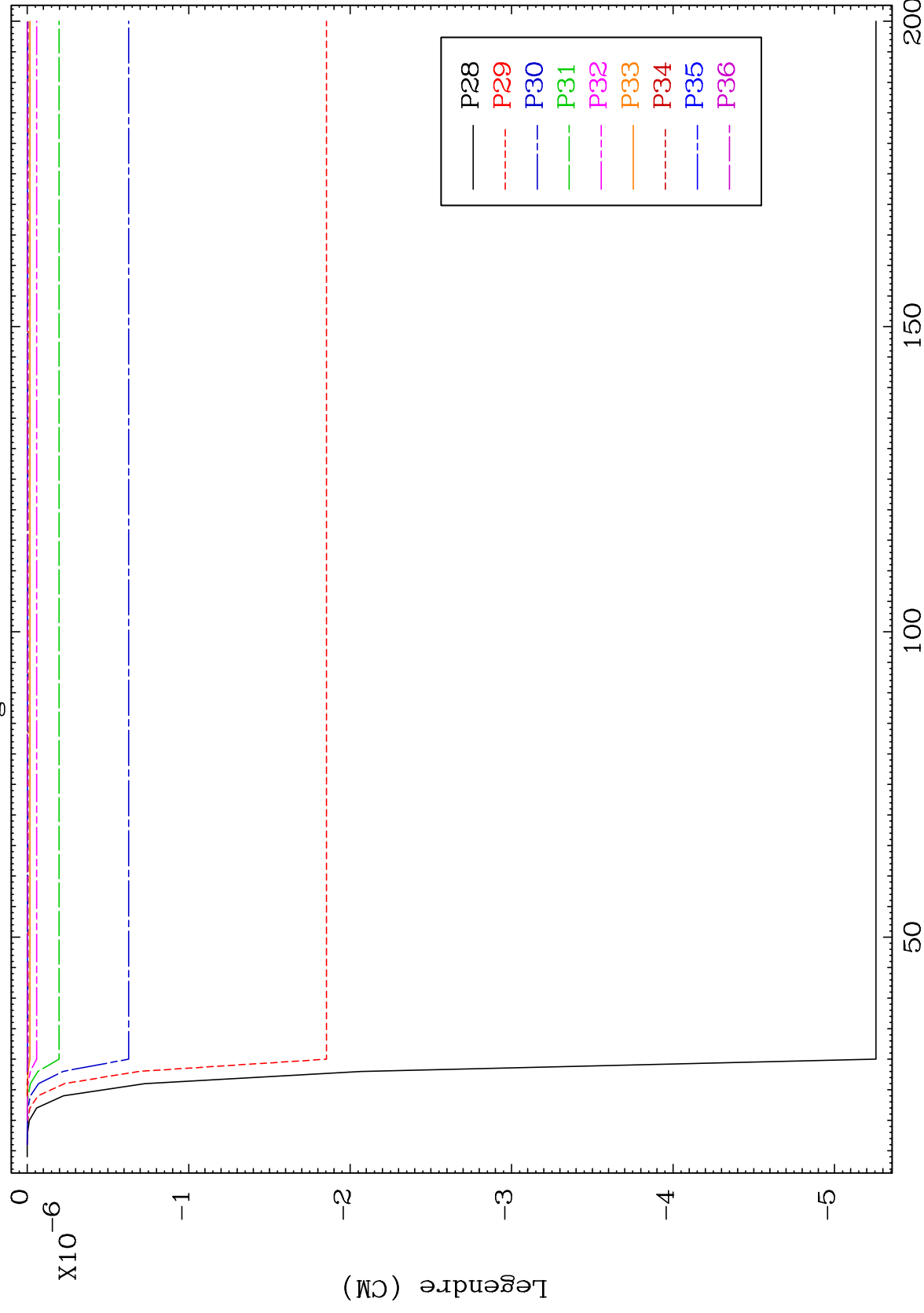




MAT 6228

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

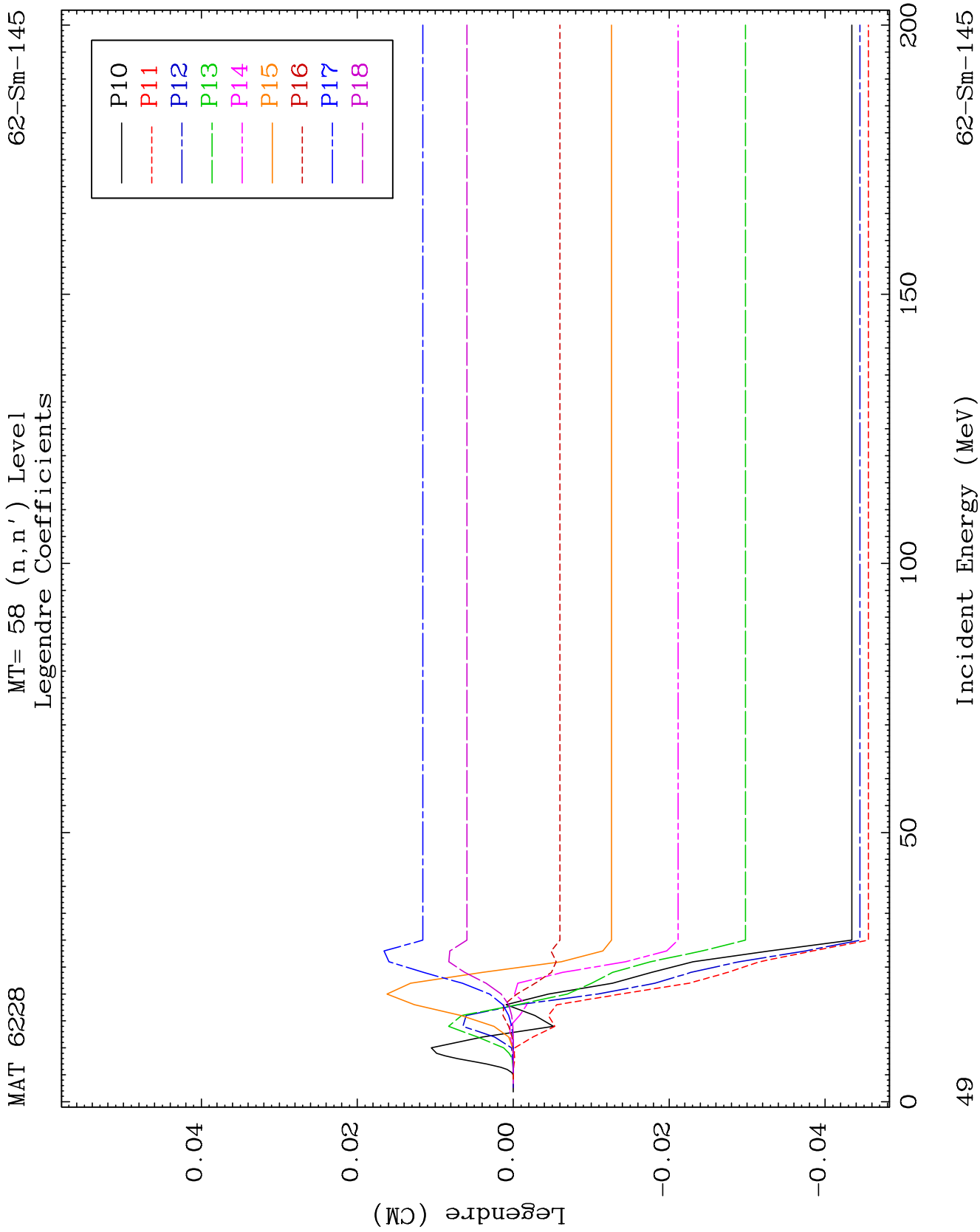
62-Sm-145



24

Incident Energy (MeV)

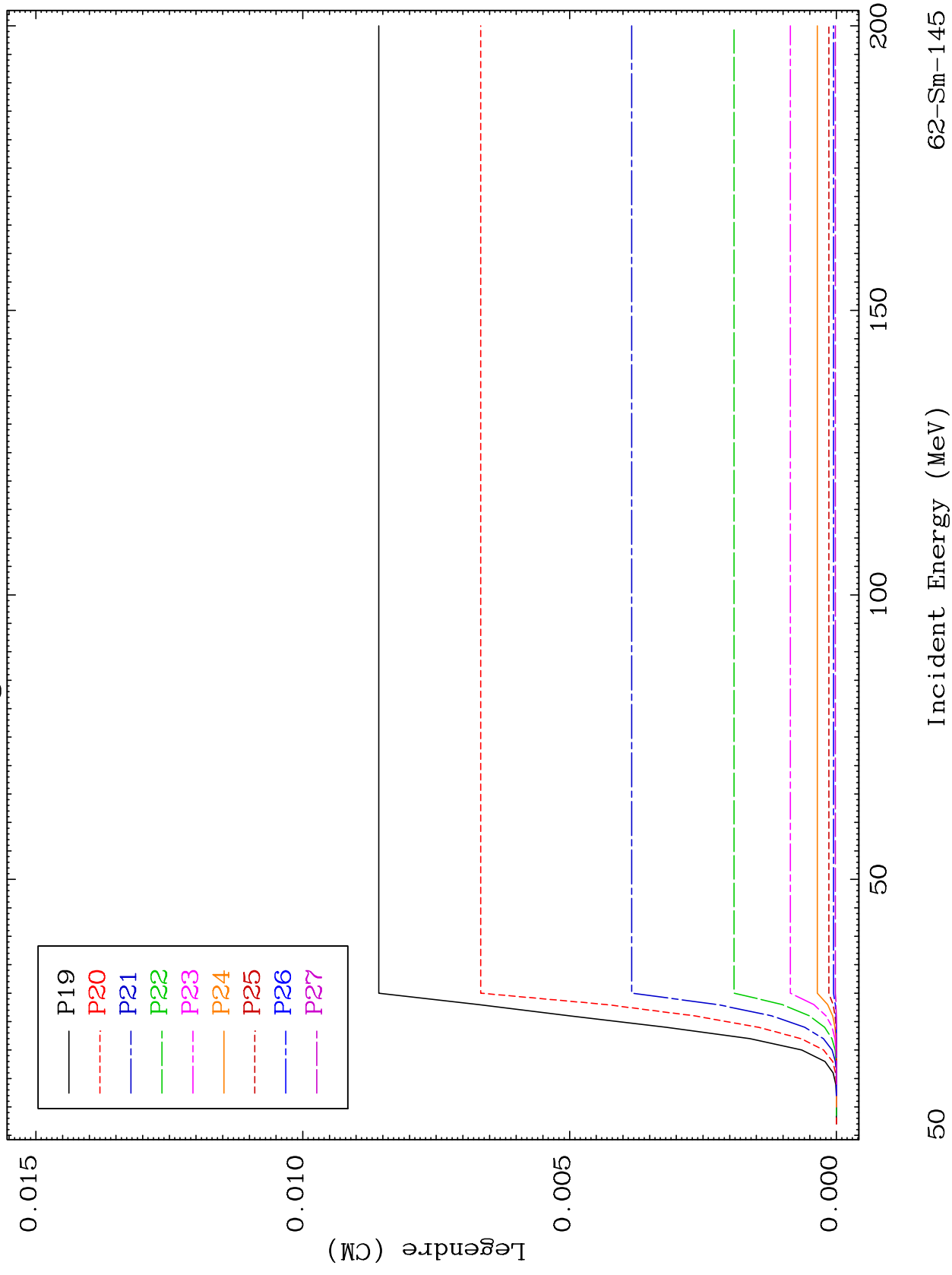
62-Sm-145

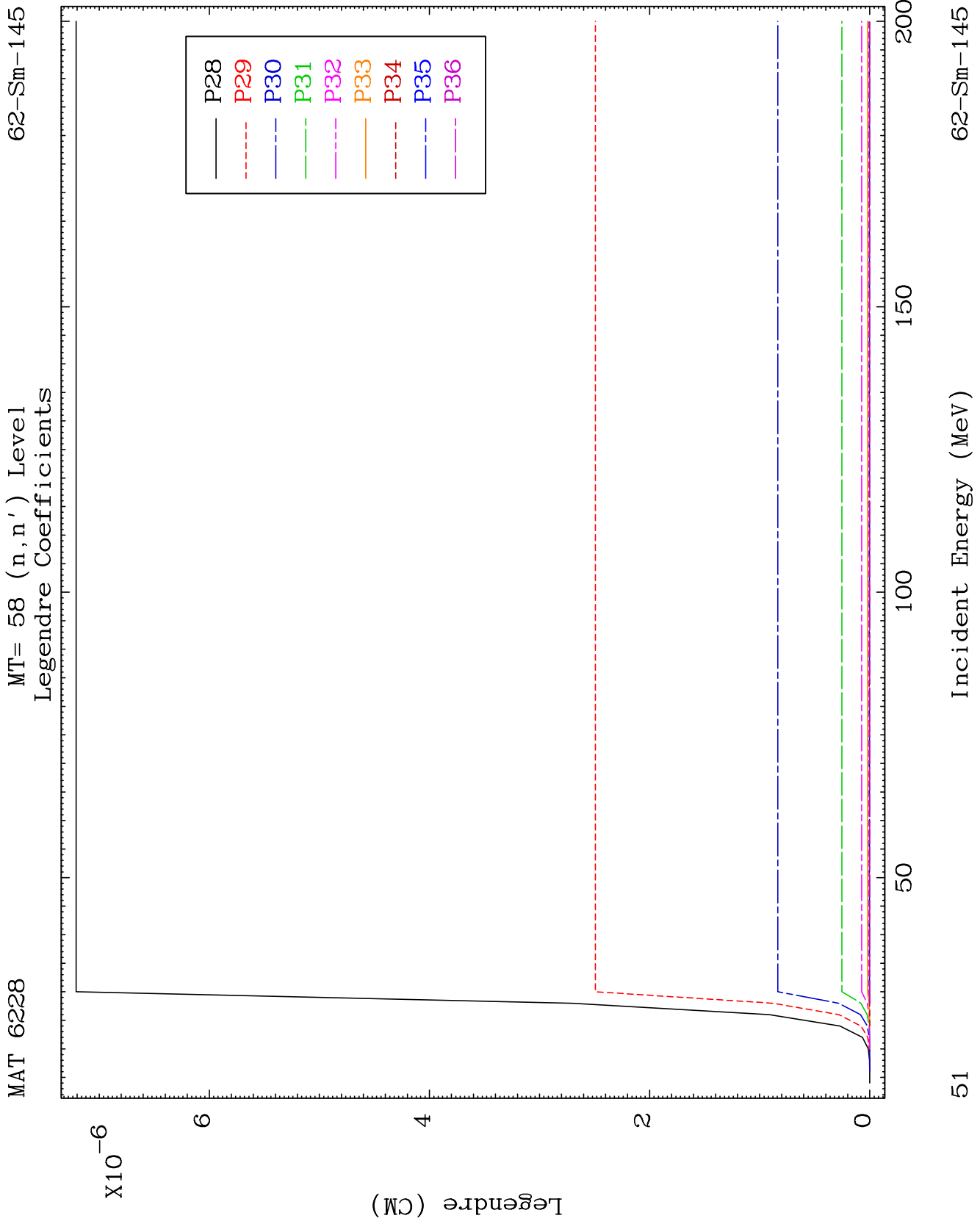


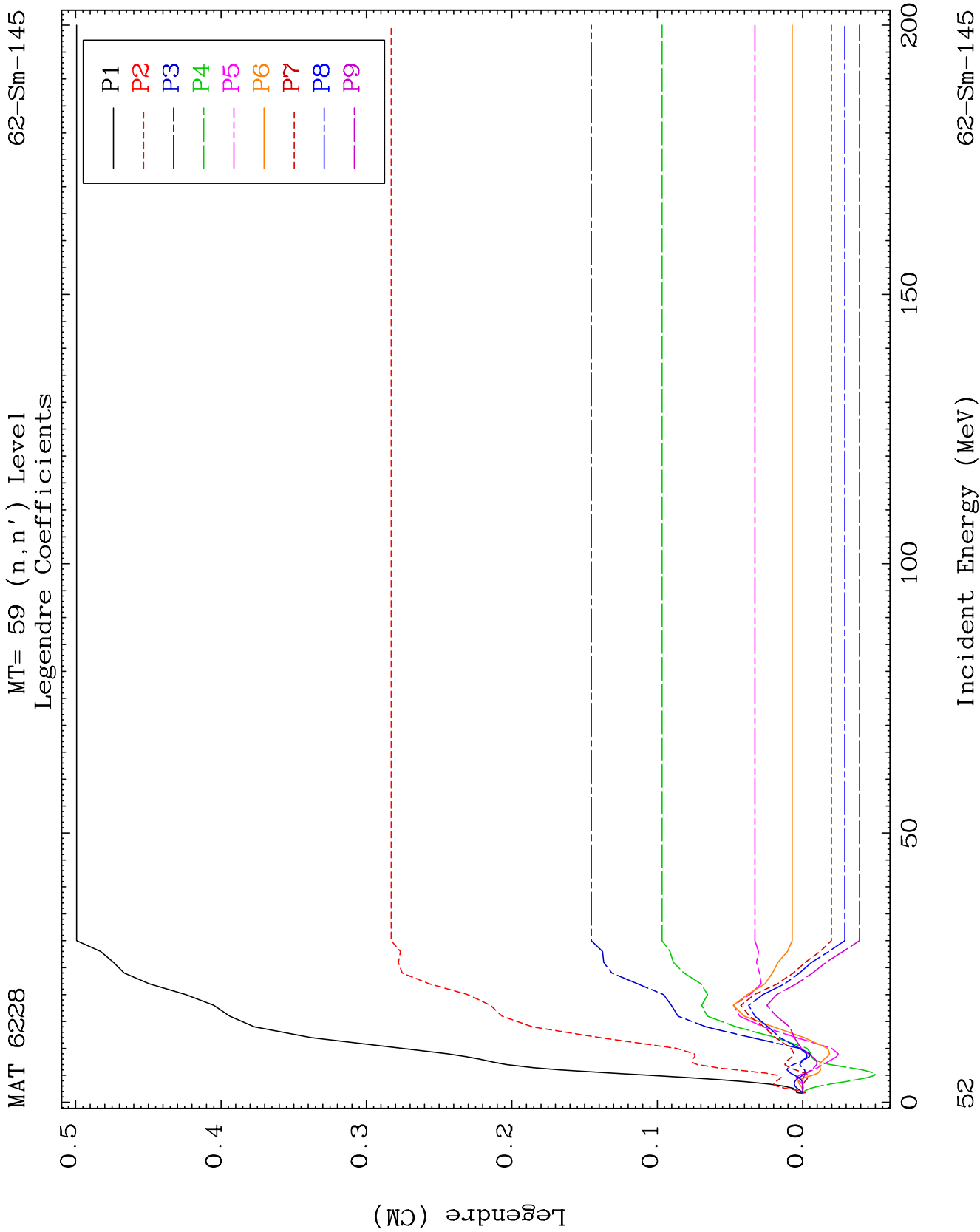
MAT 6228

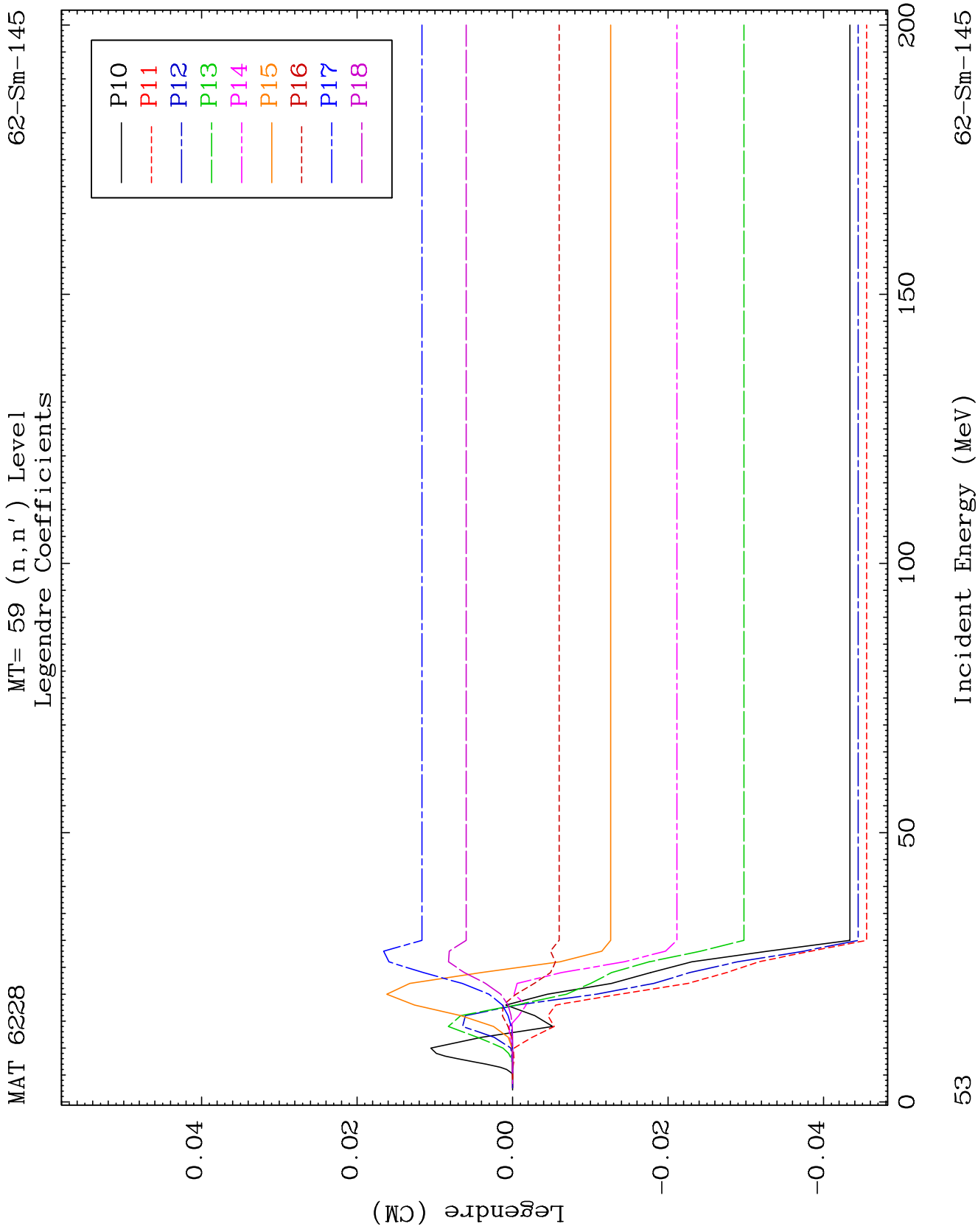
MT= 58 (n, n') Level
Legendre Coefficients

62-Sm-145





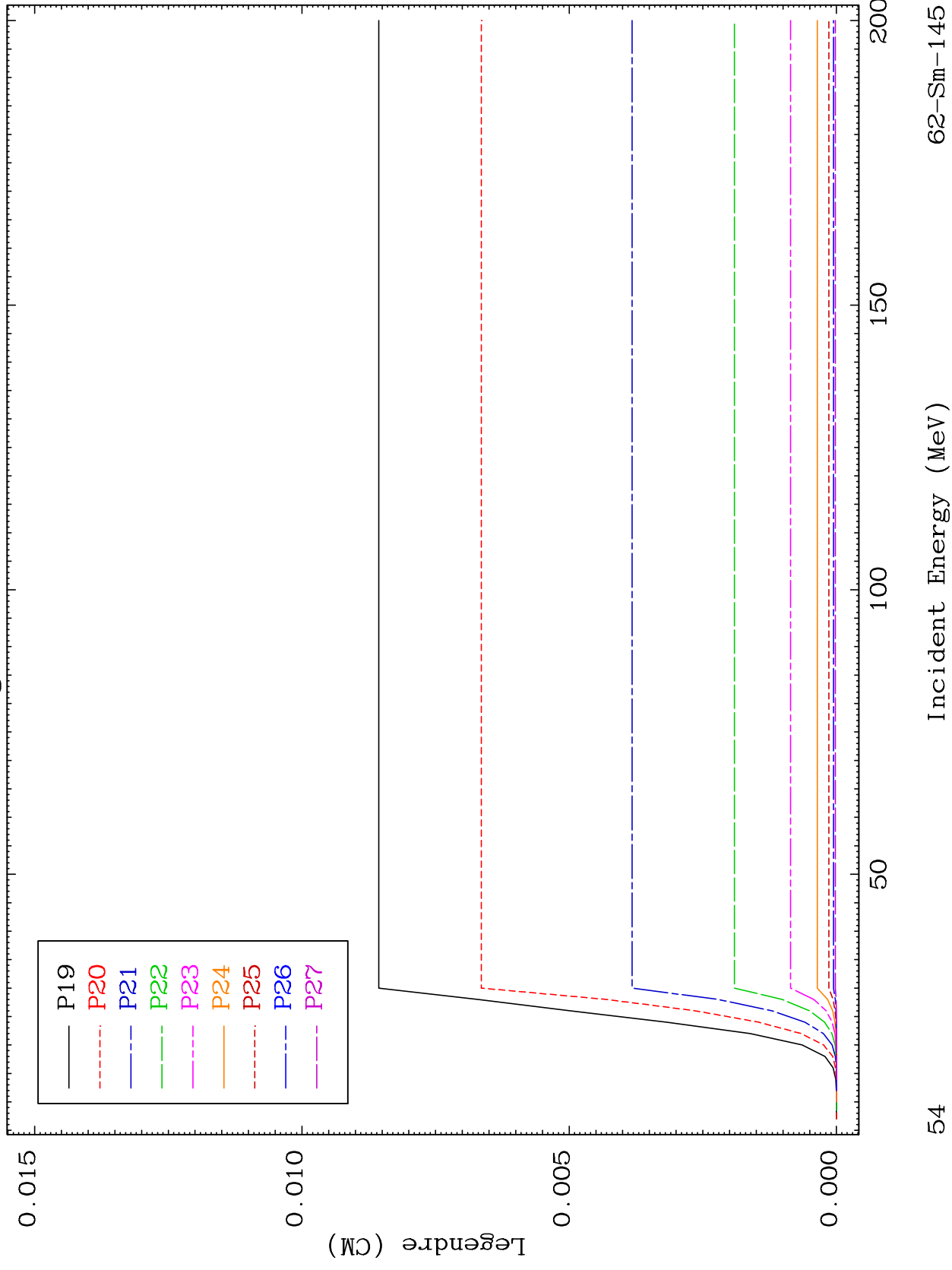


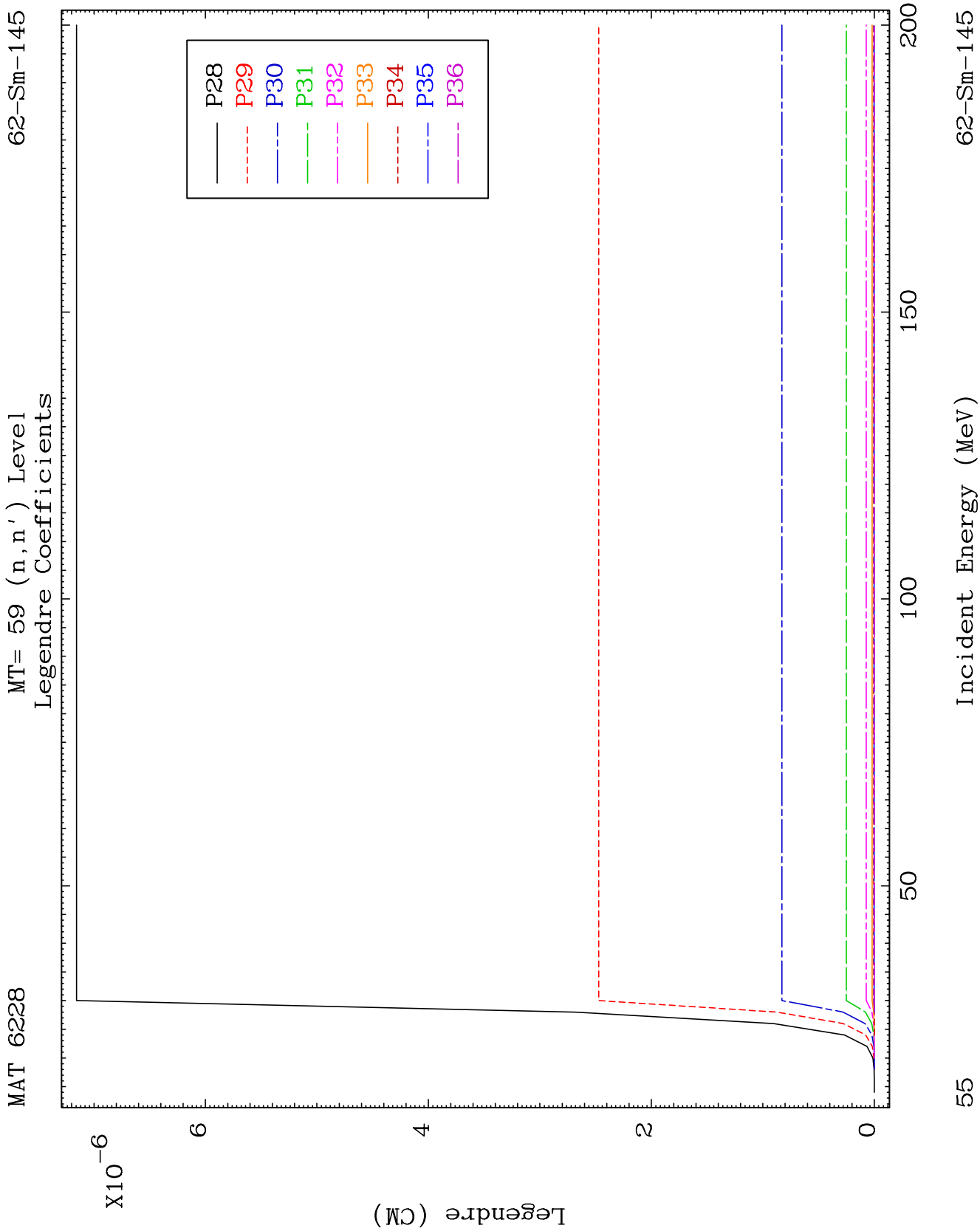


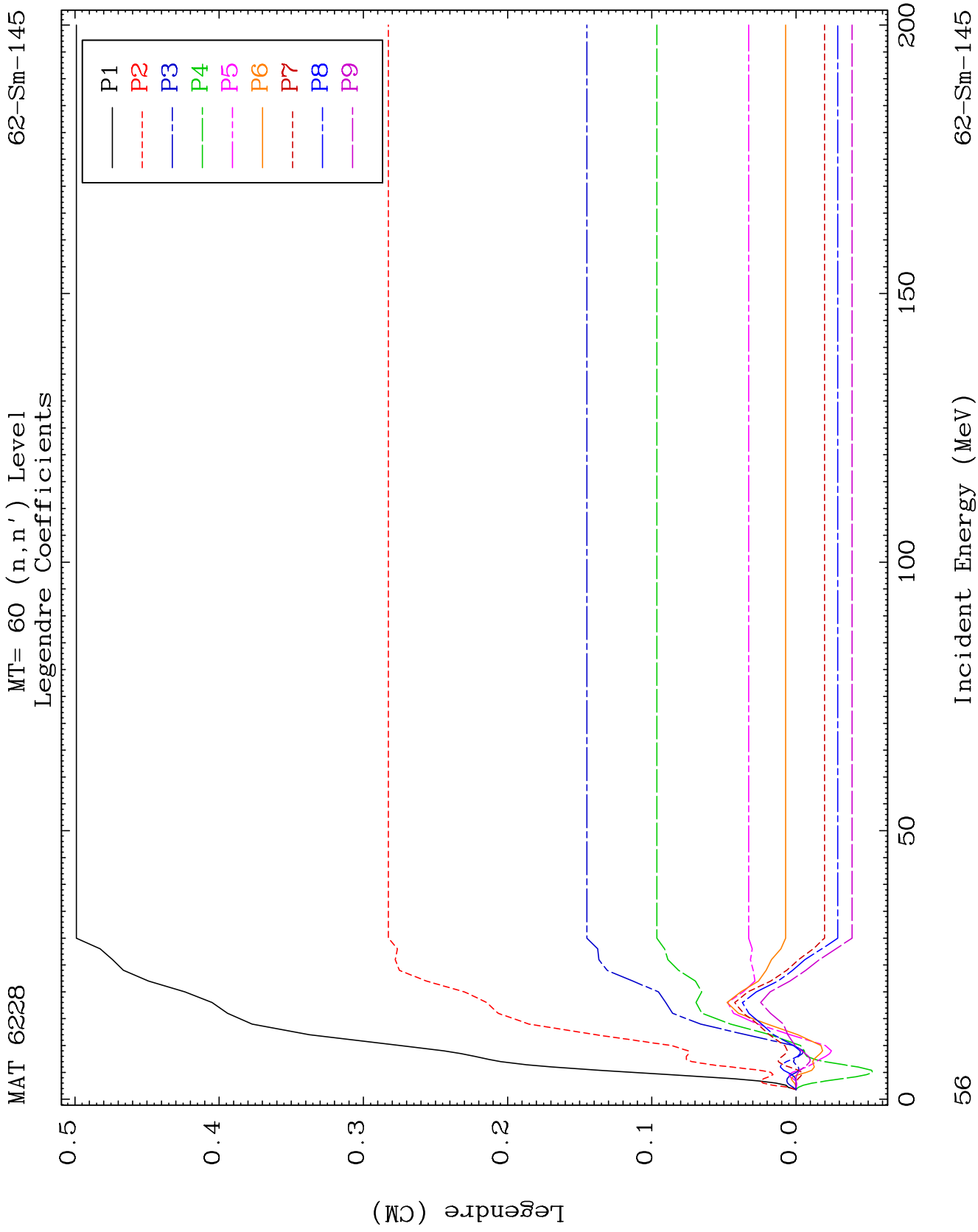
MAT 6228

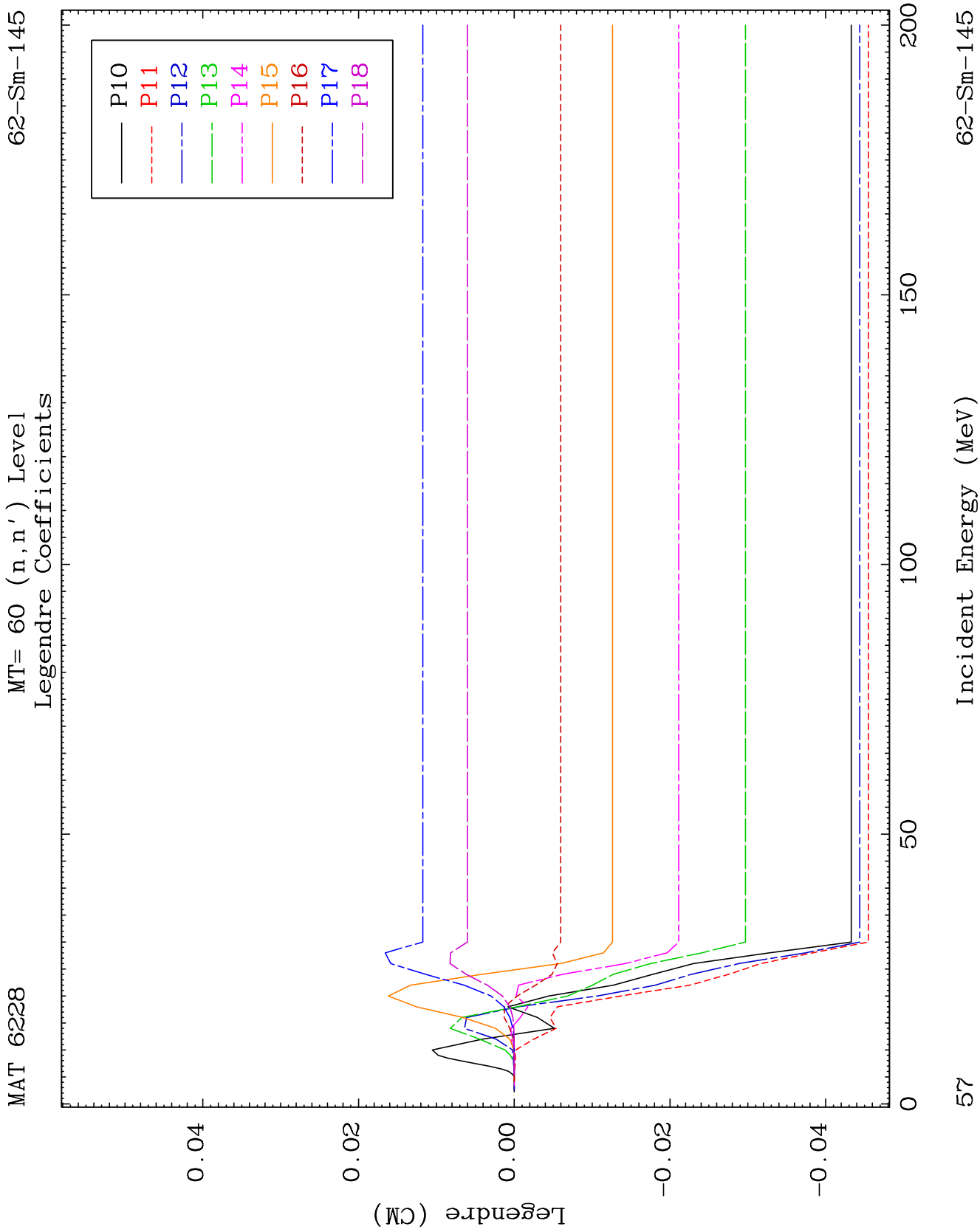
MT= 59 (n, n') Level
Legendre Coefficients

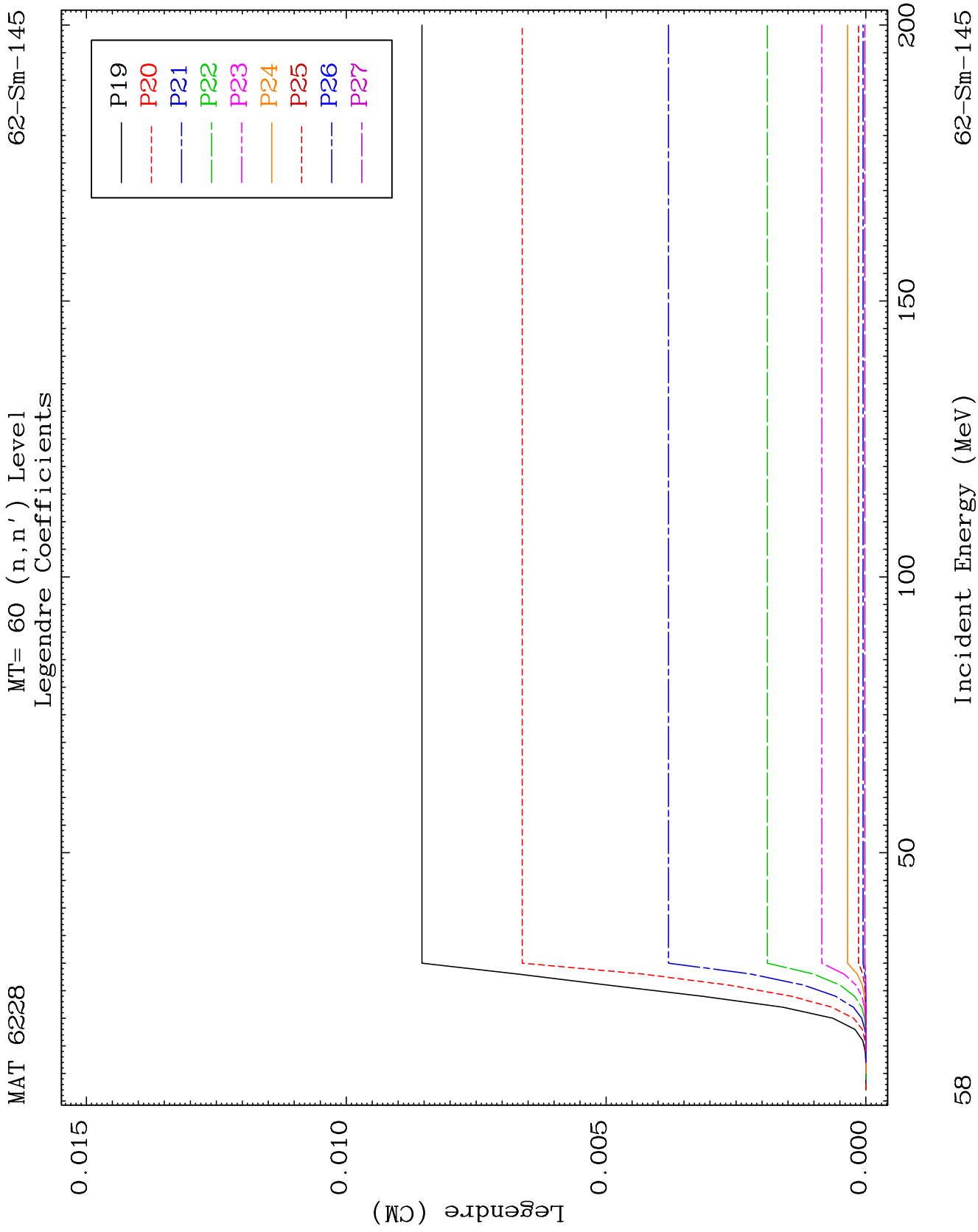
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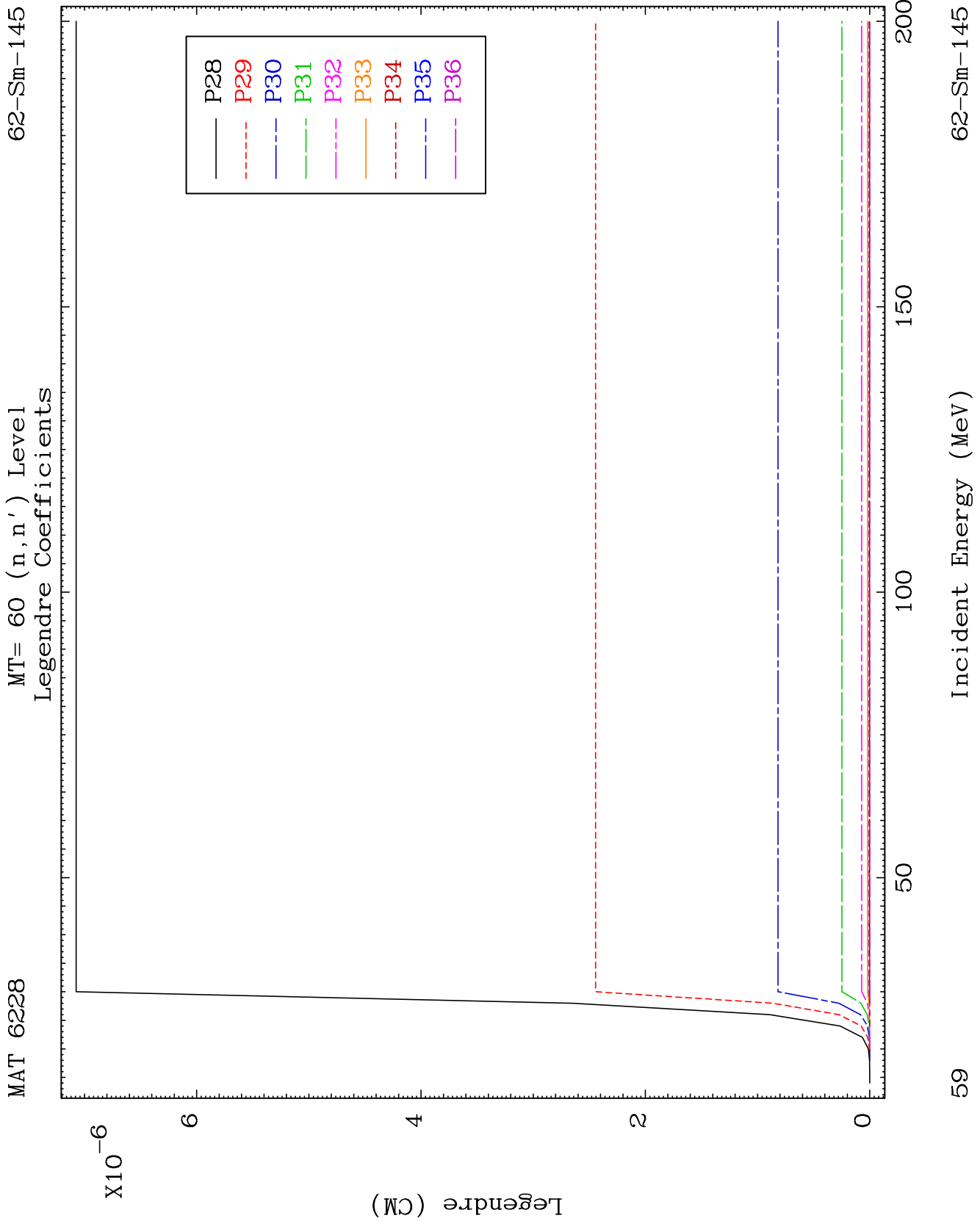








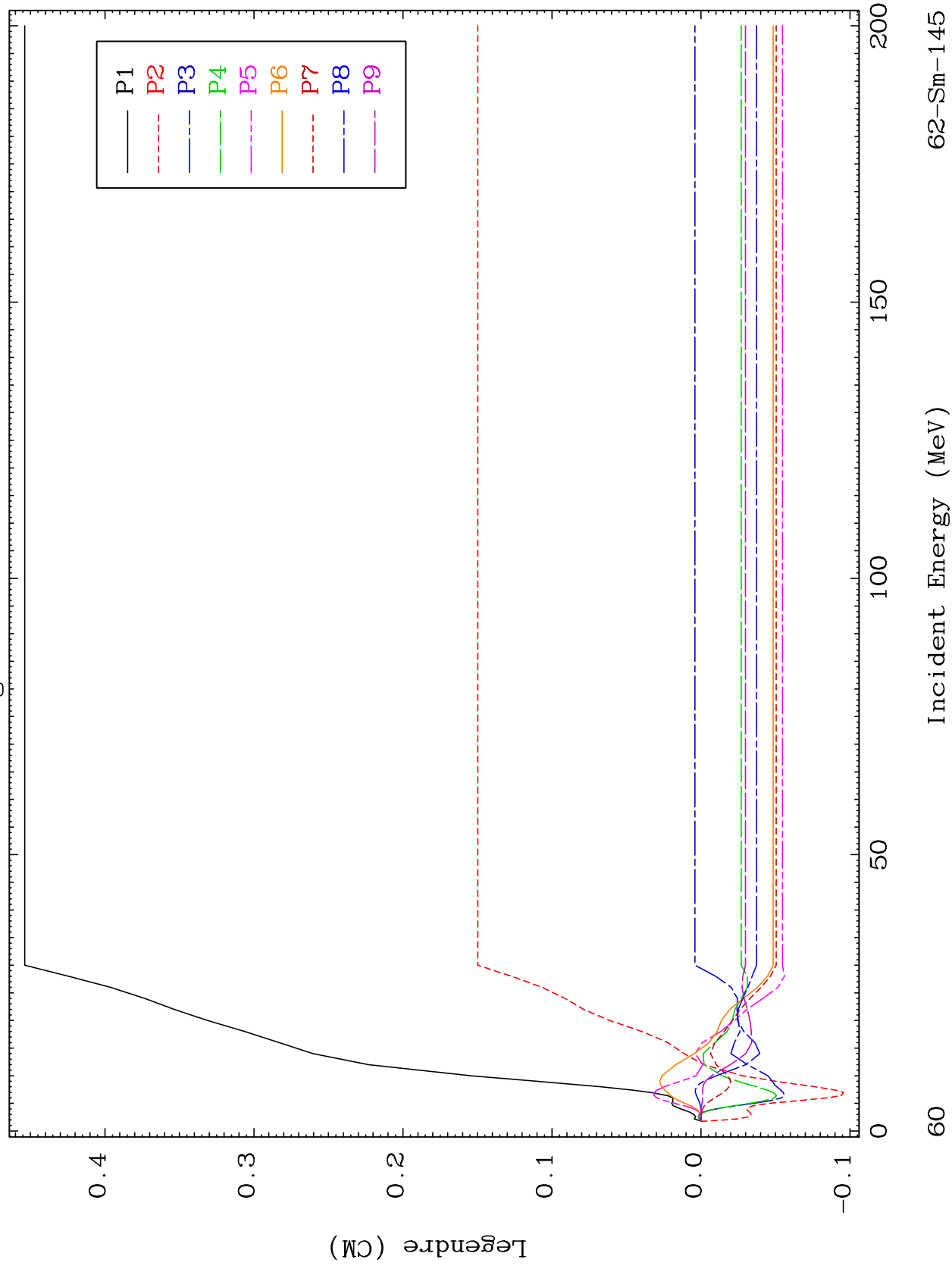




MAT 6228

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

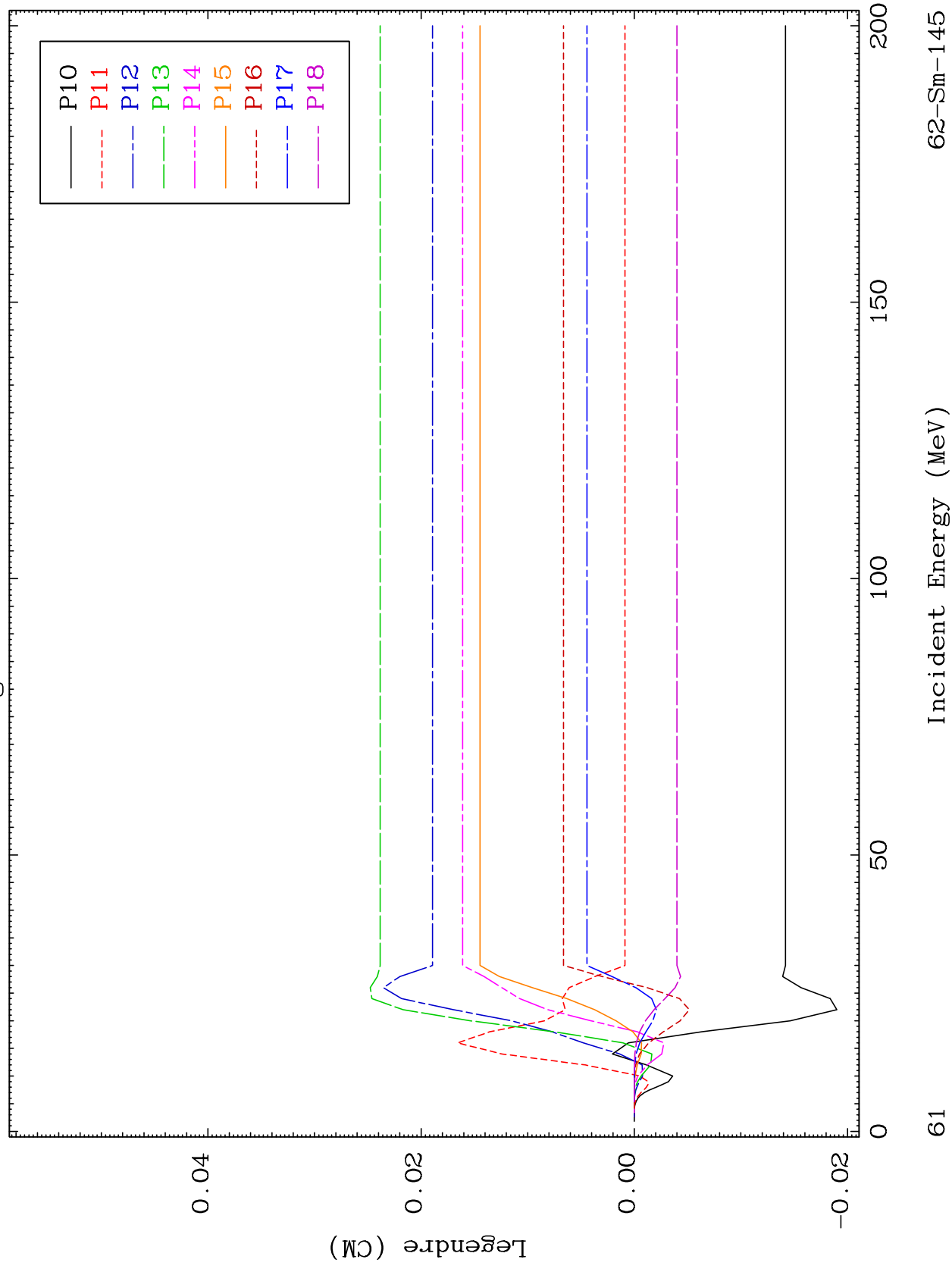
62-Sm-145

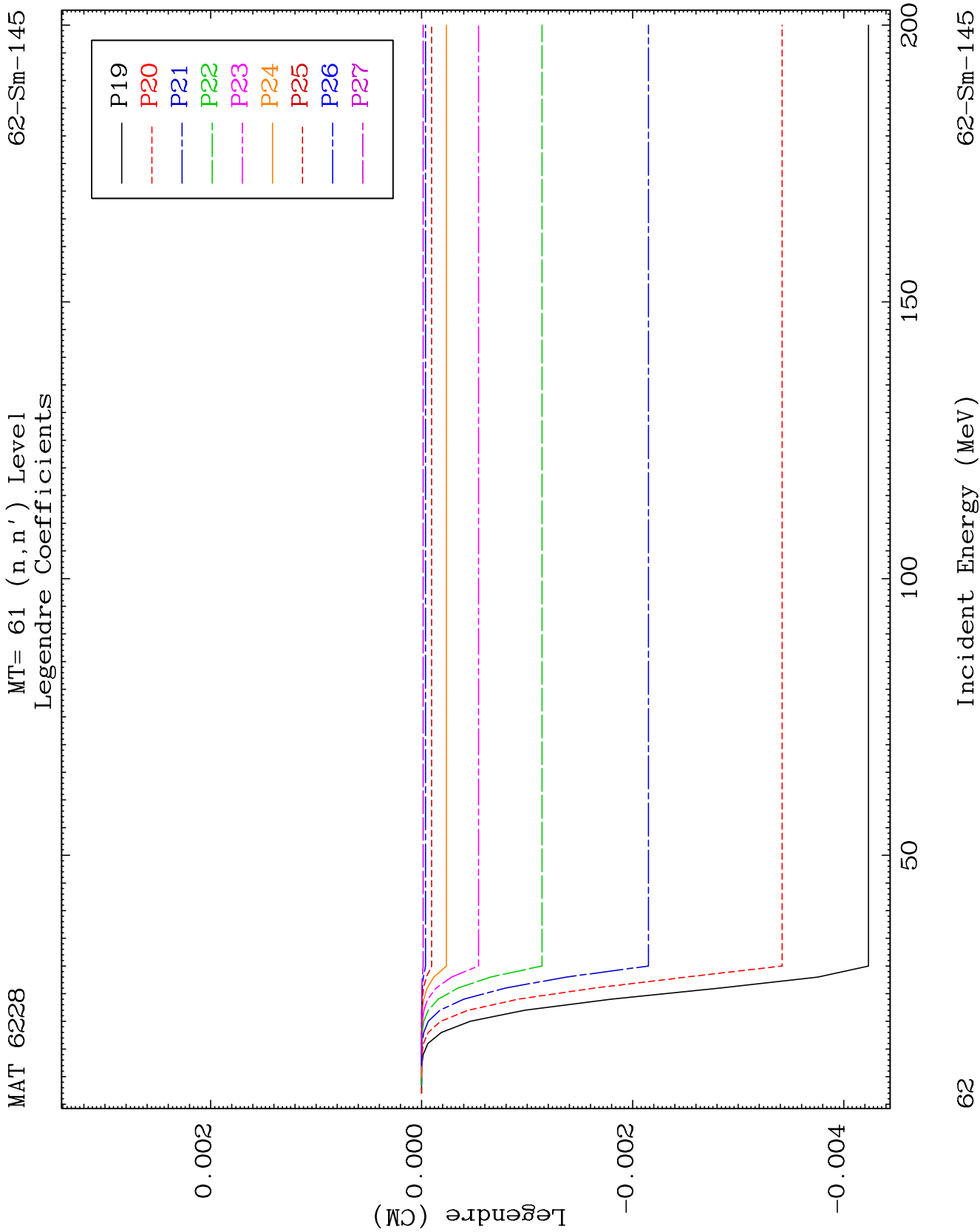


MAT 6228

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

62-Sm-145



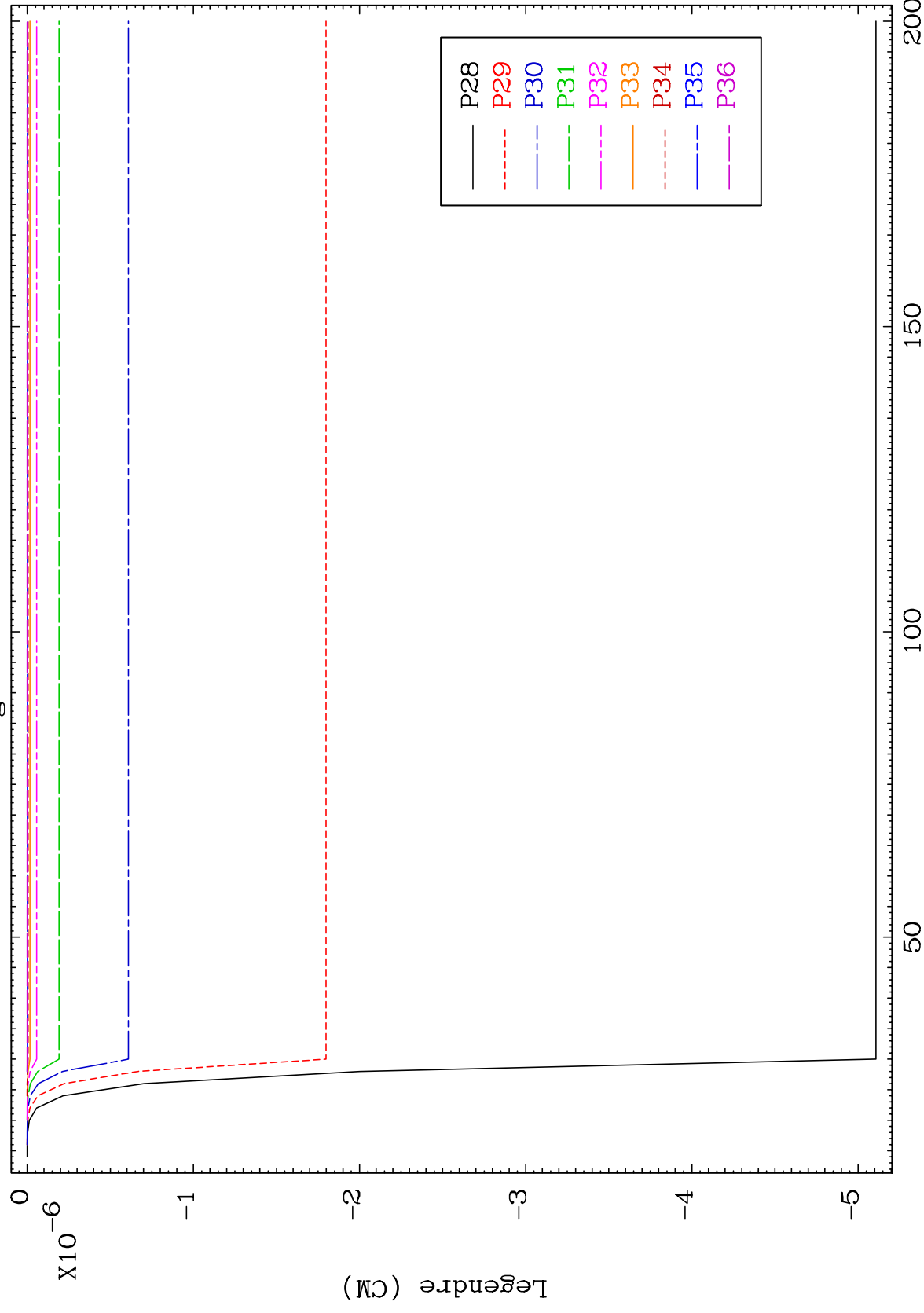


MAT 6228

MT= 61 (n, n') Level

62-Sm-145

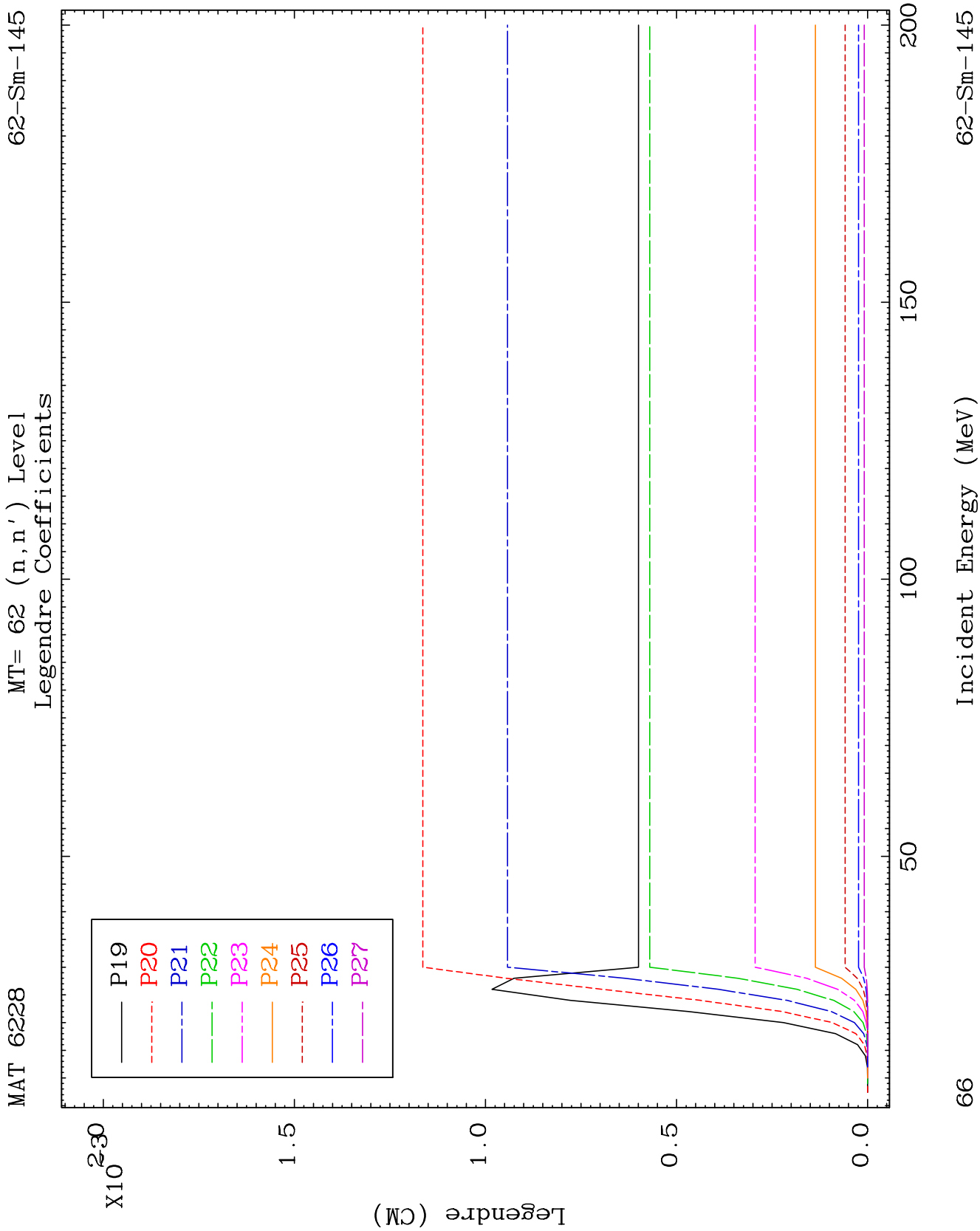
Legendre Coefficients

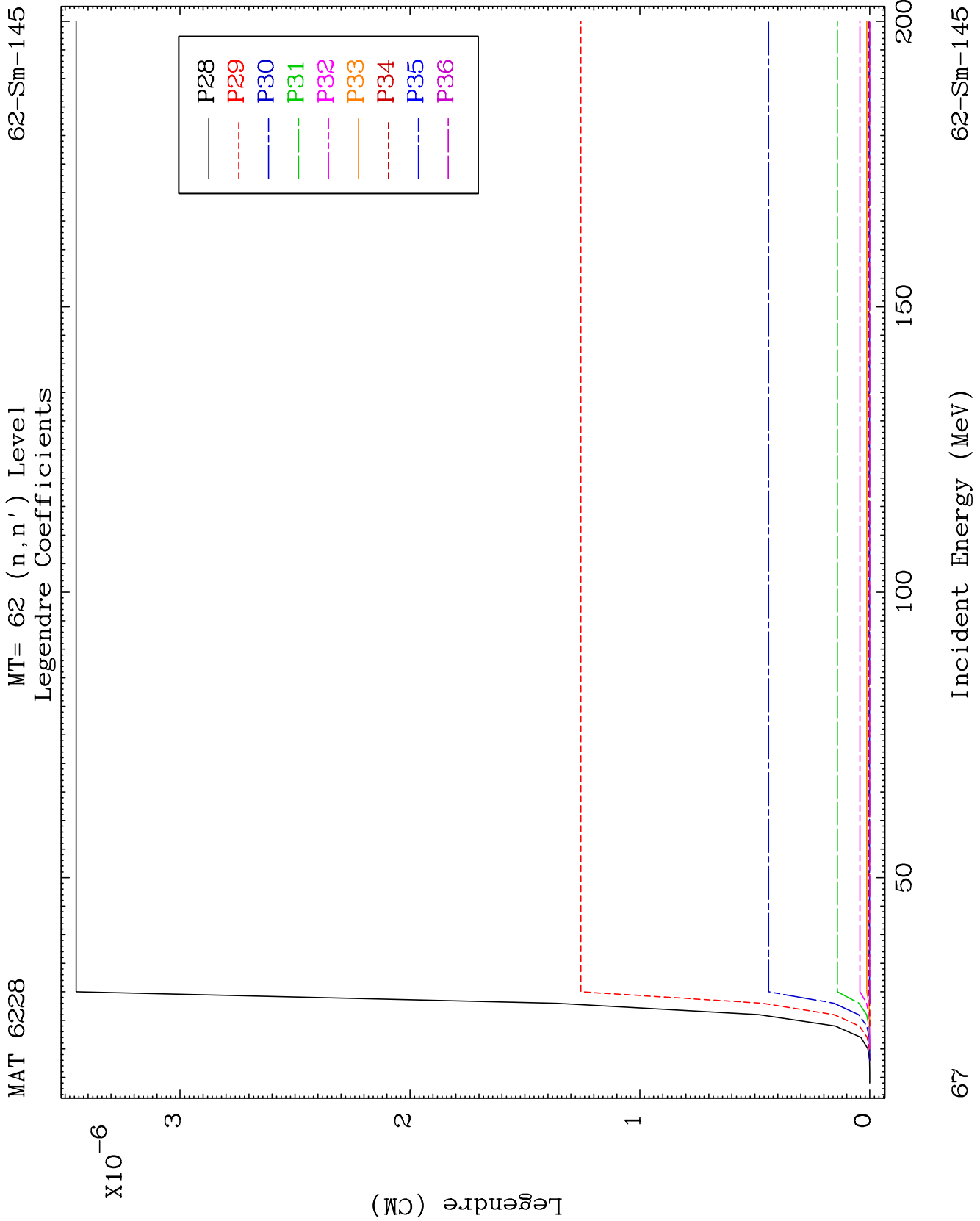


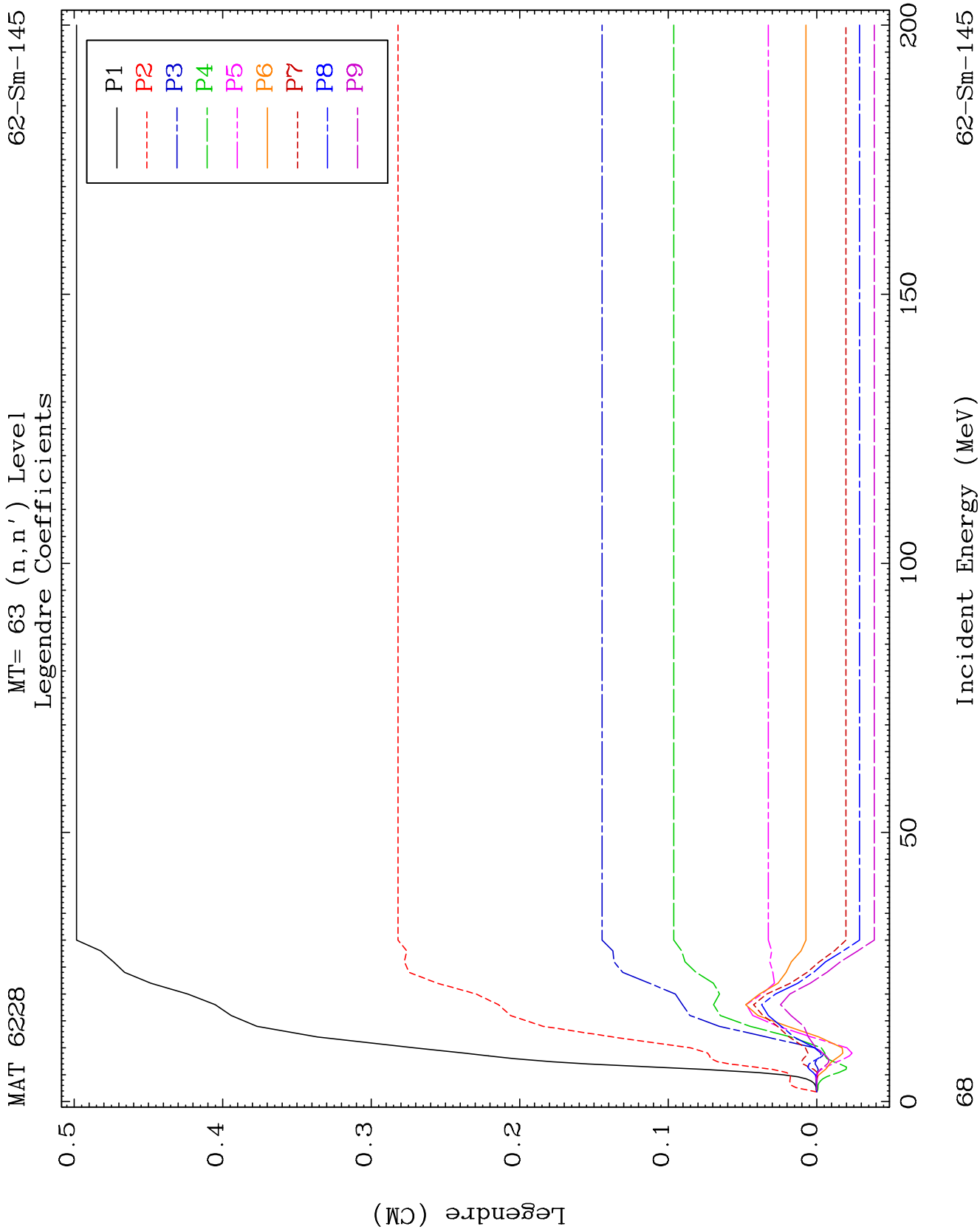
63

Incident Energy (MeV)

62-Sm-145



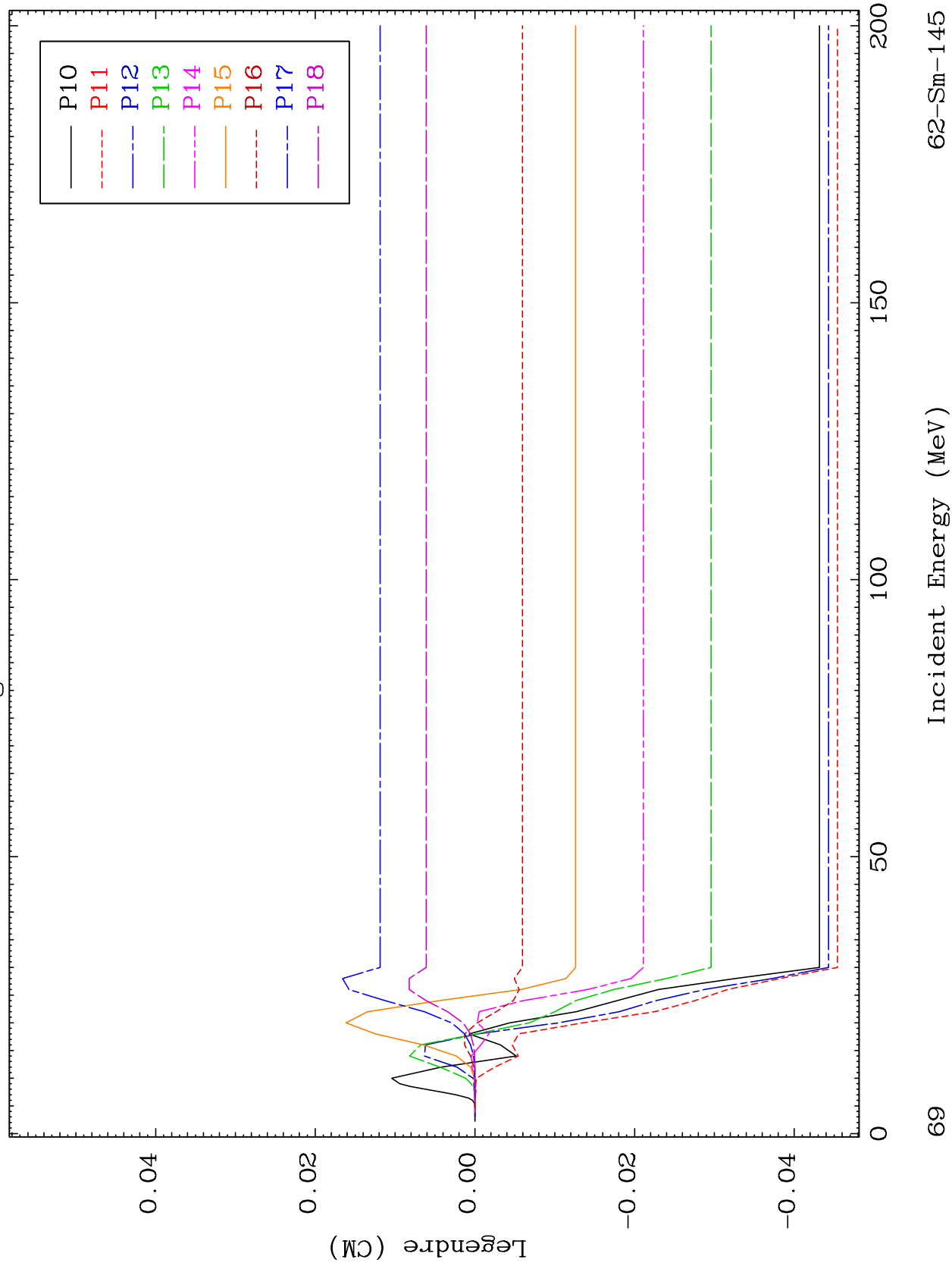


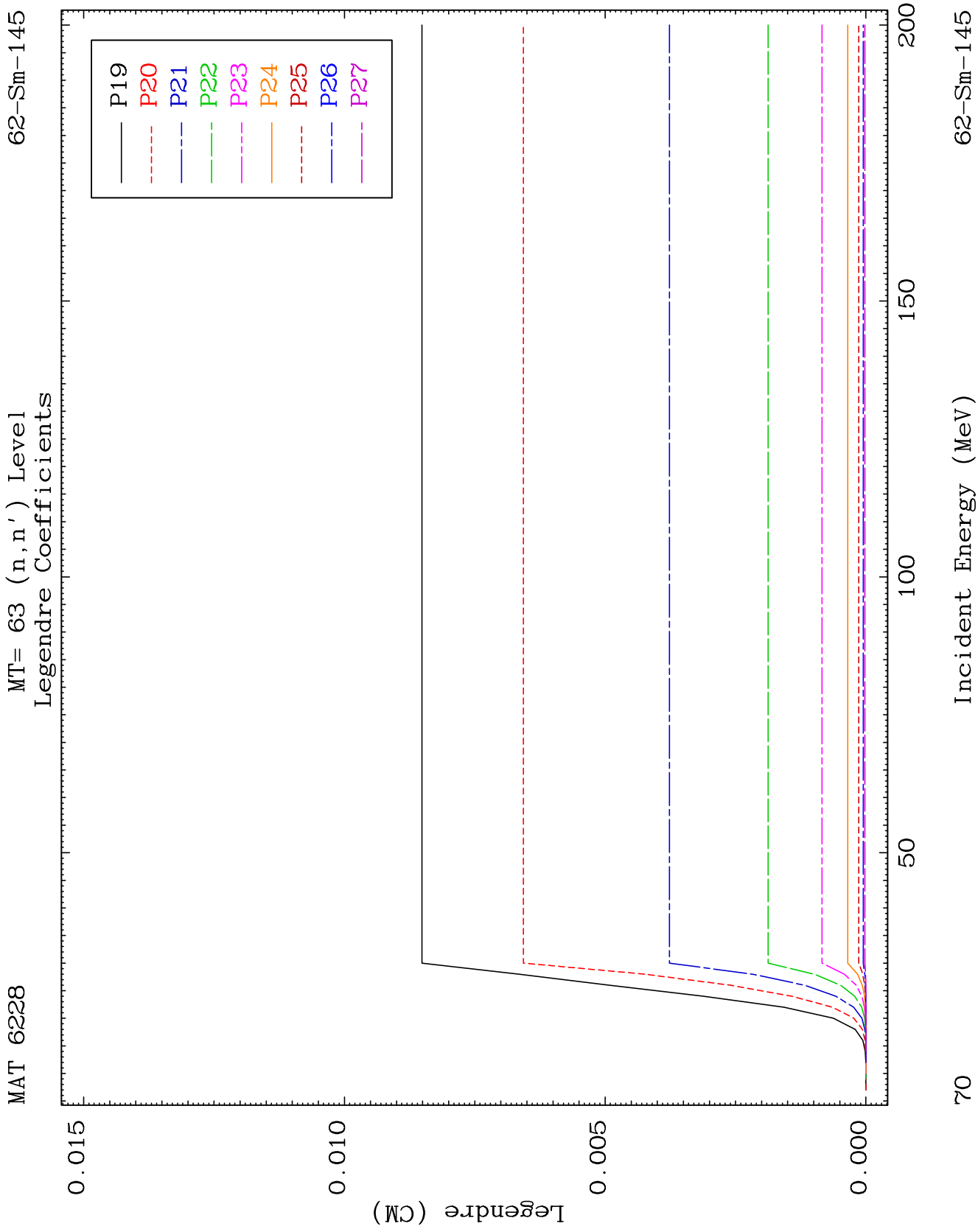


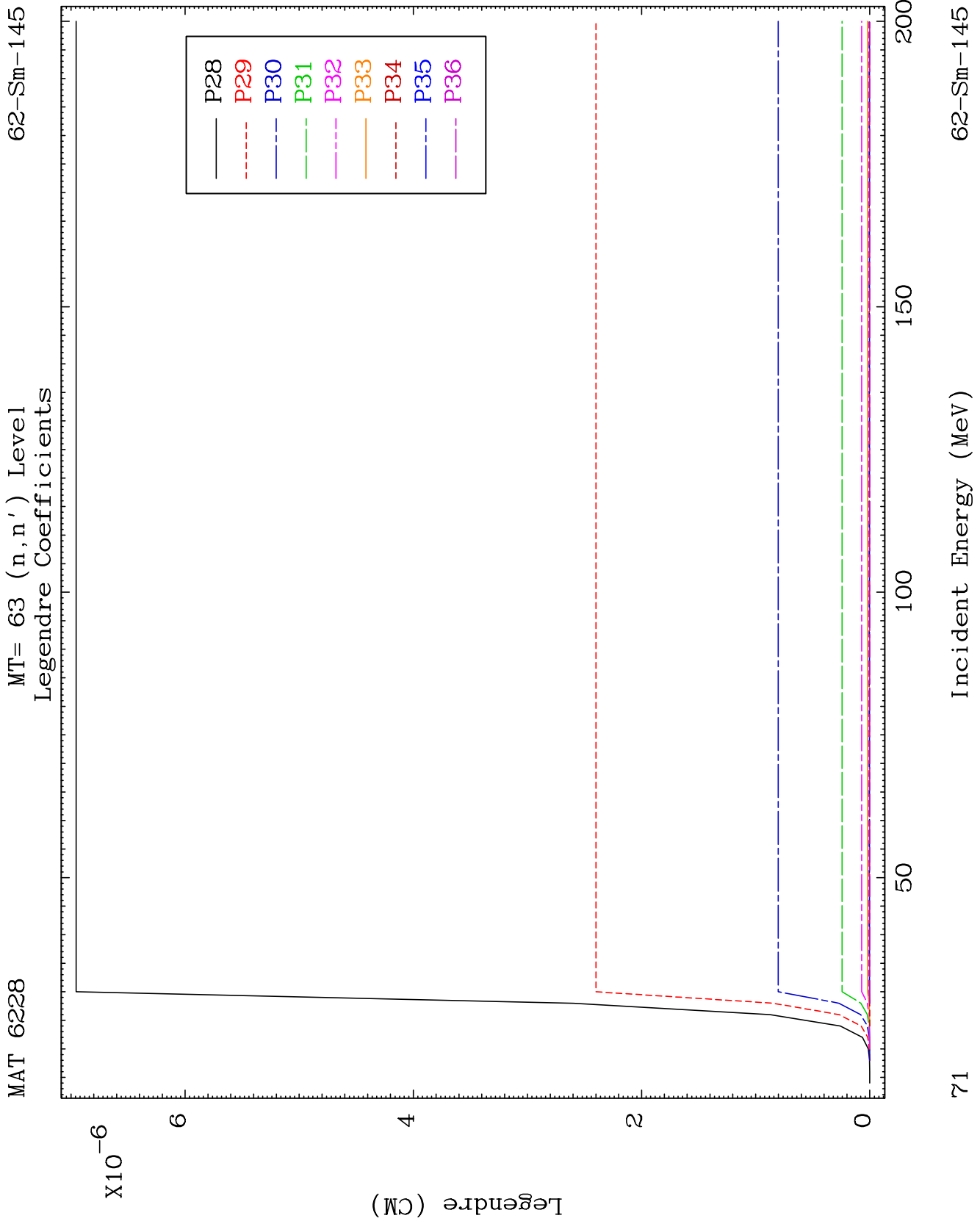
MAT 6228

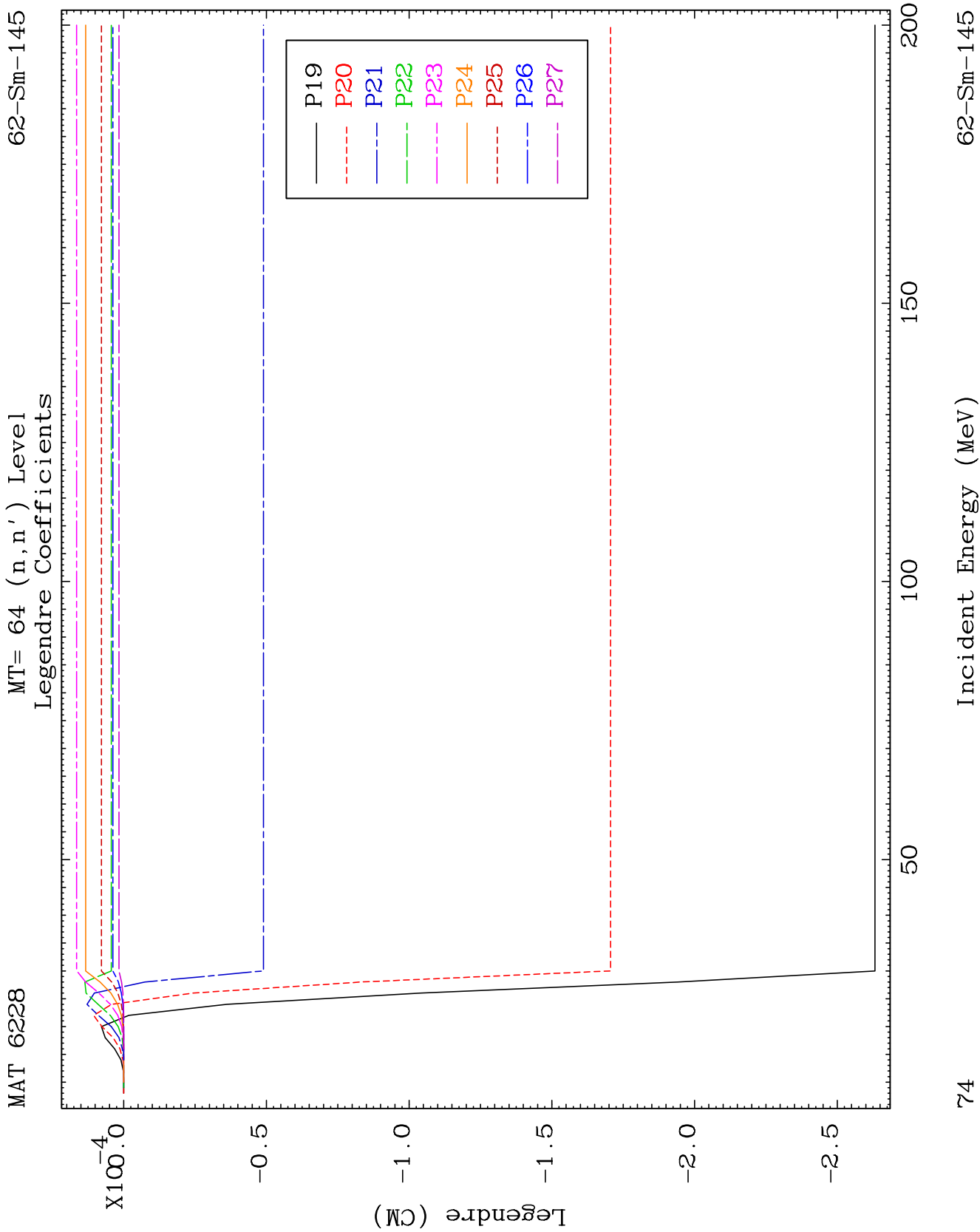
MT= 63 (n, n') Level
Legendre Coefficients

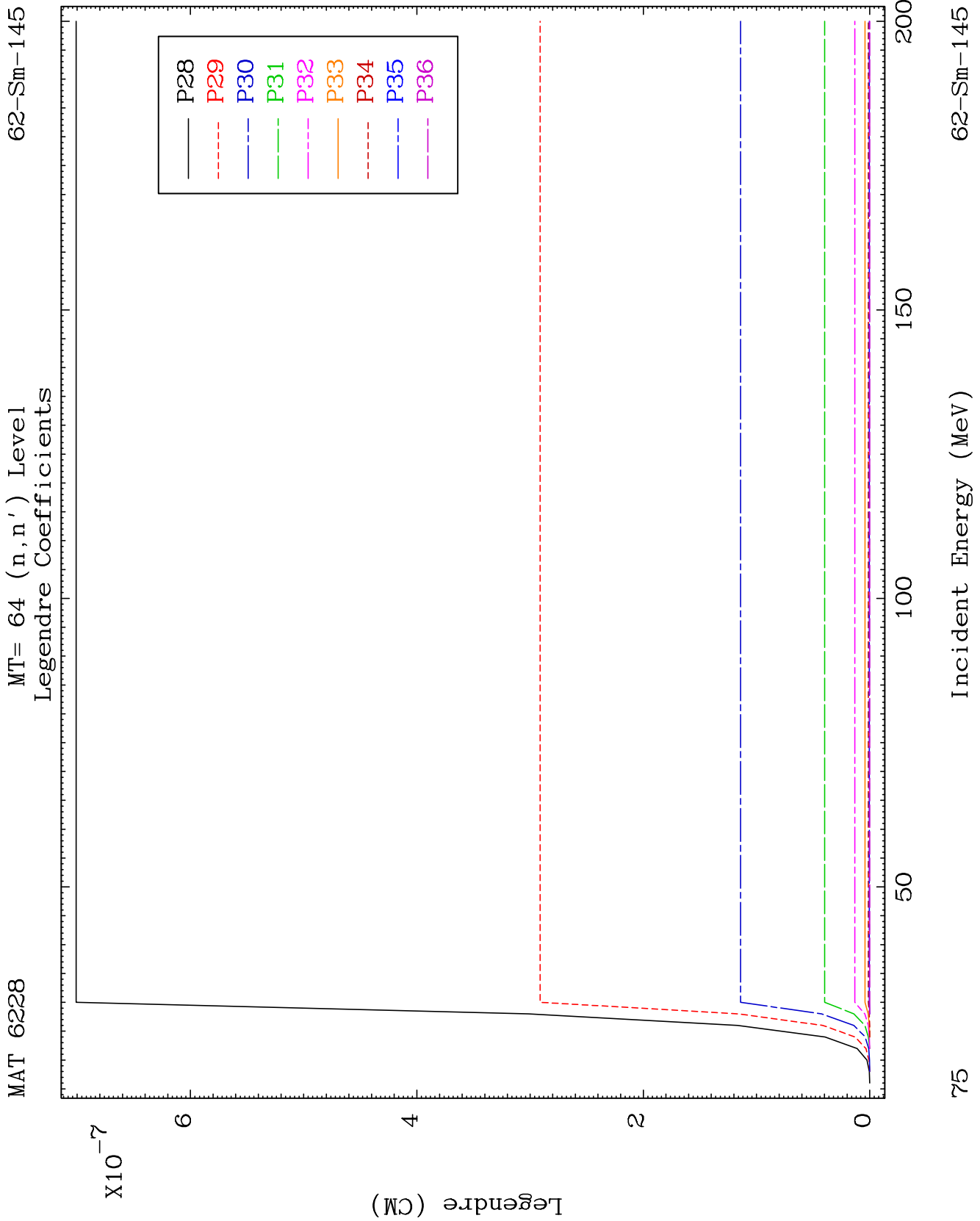
62-Sm-145

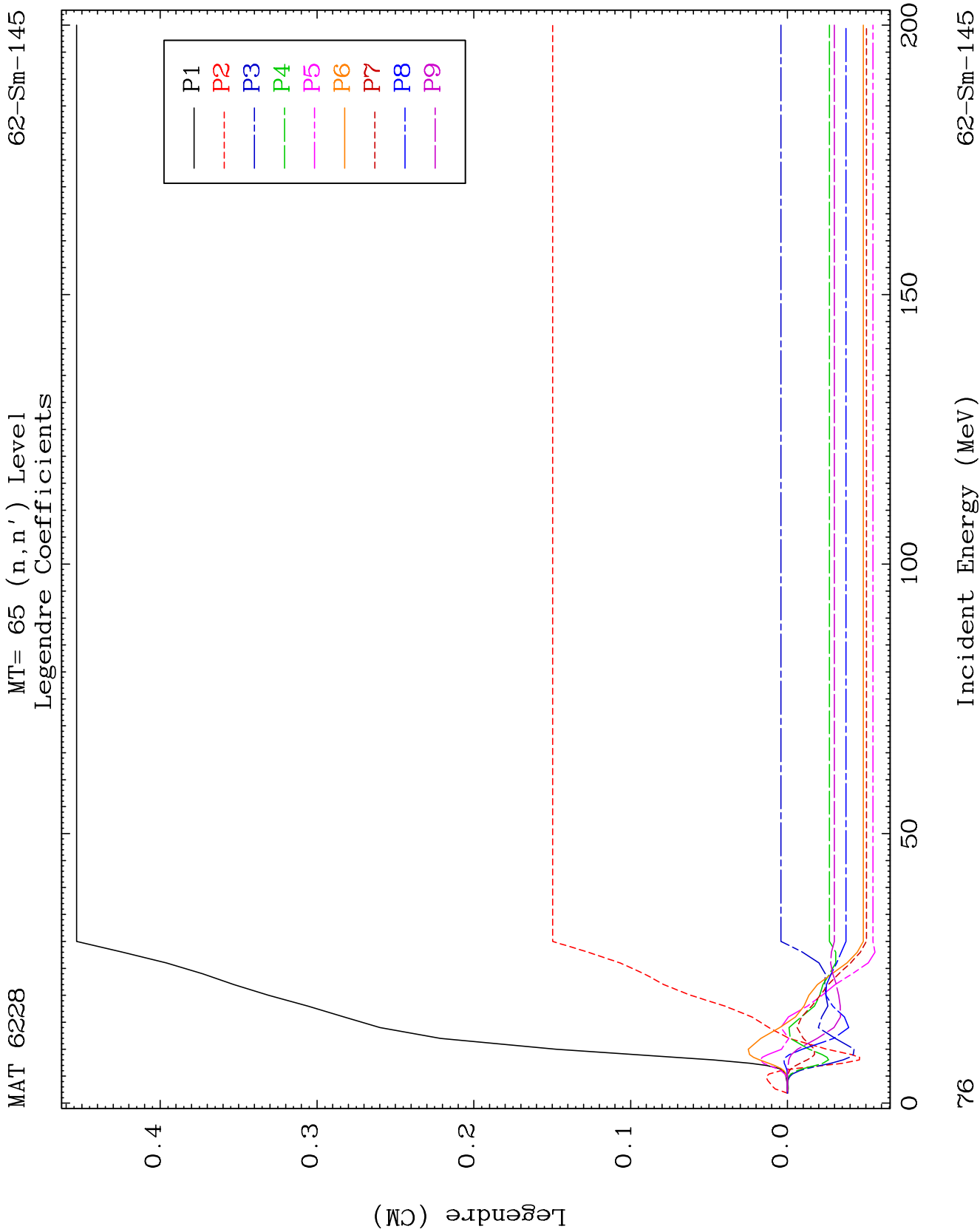








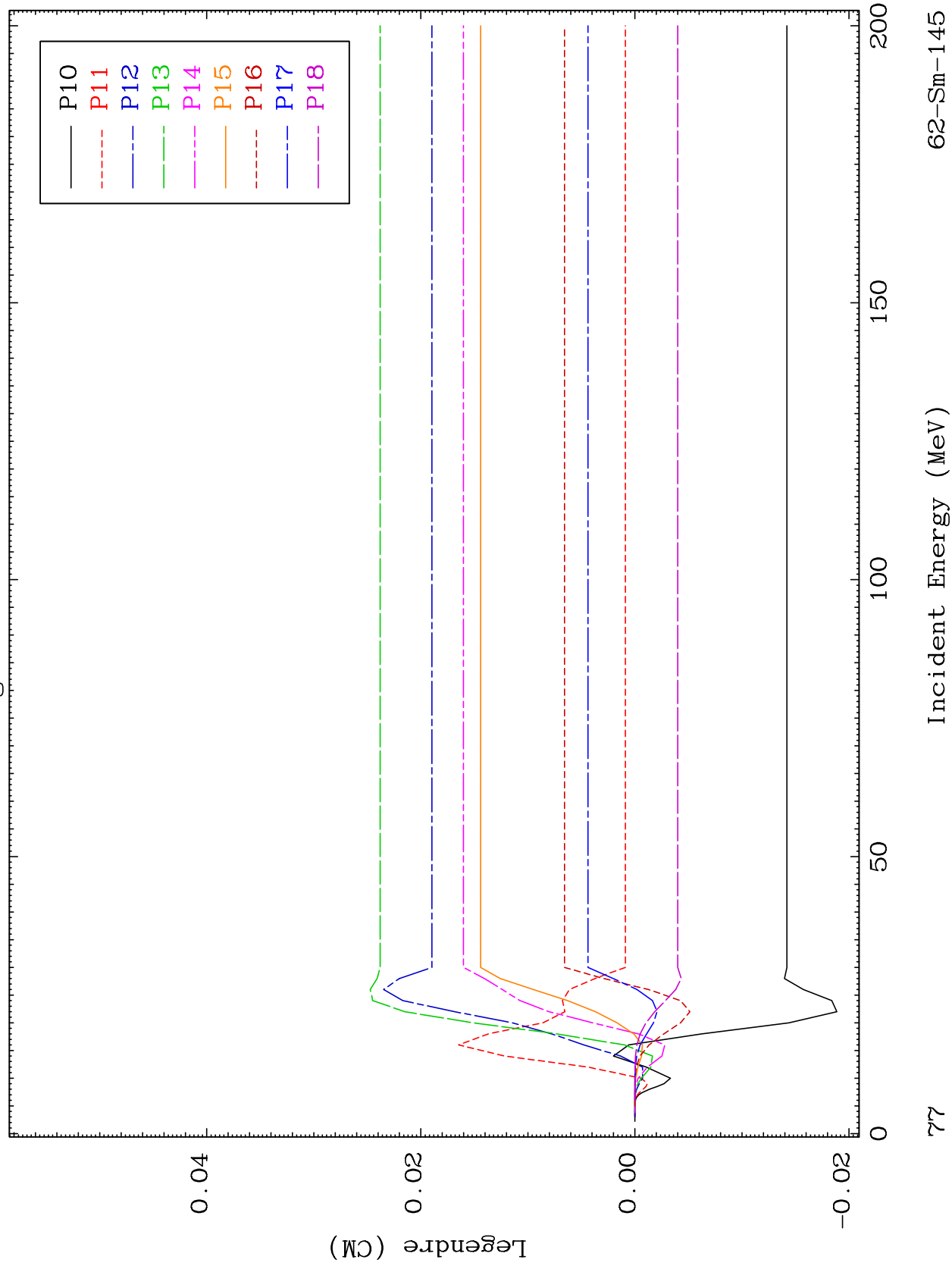


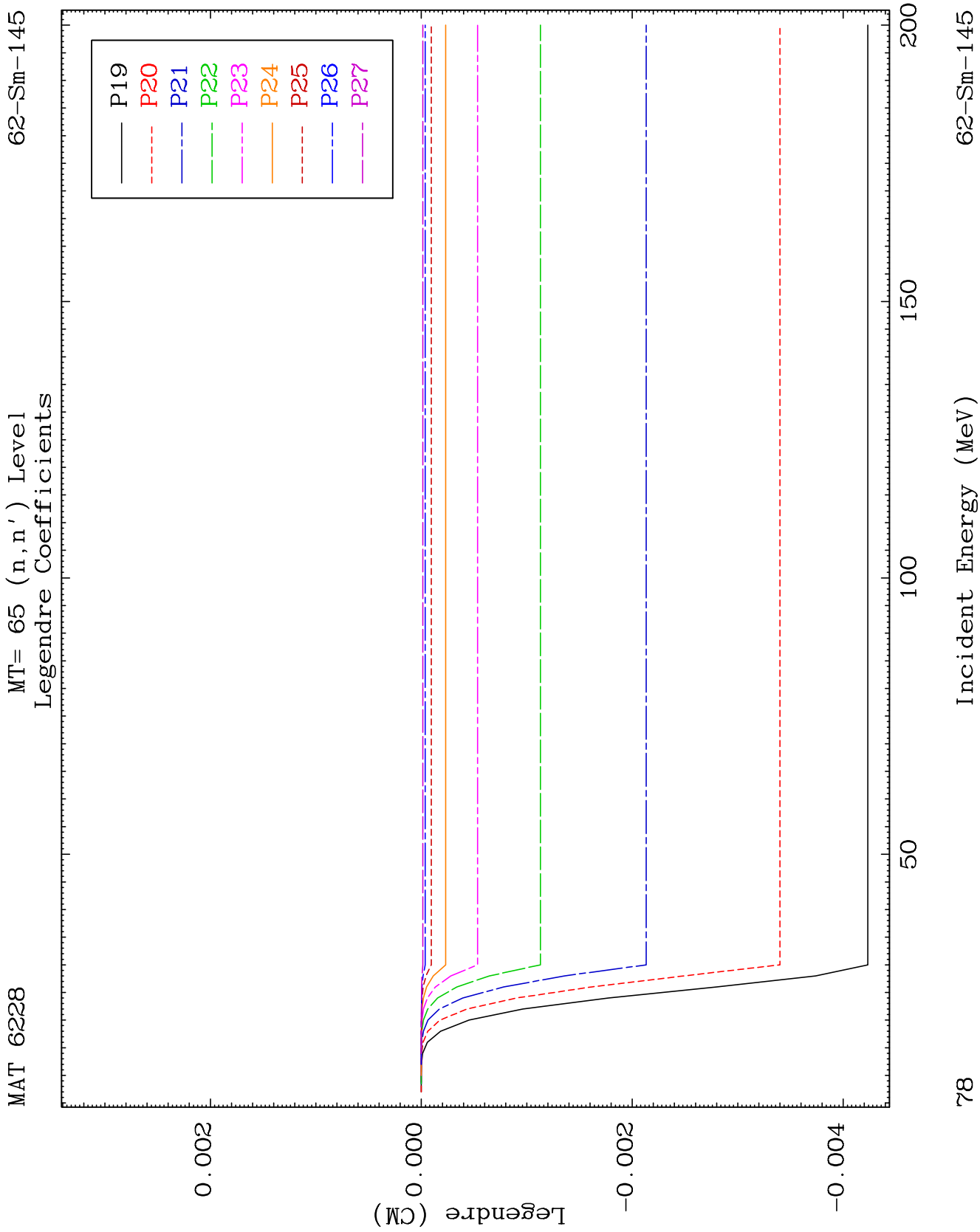


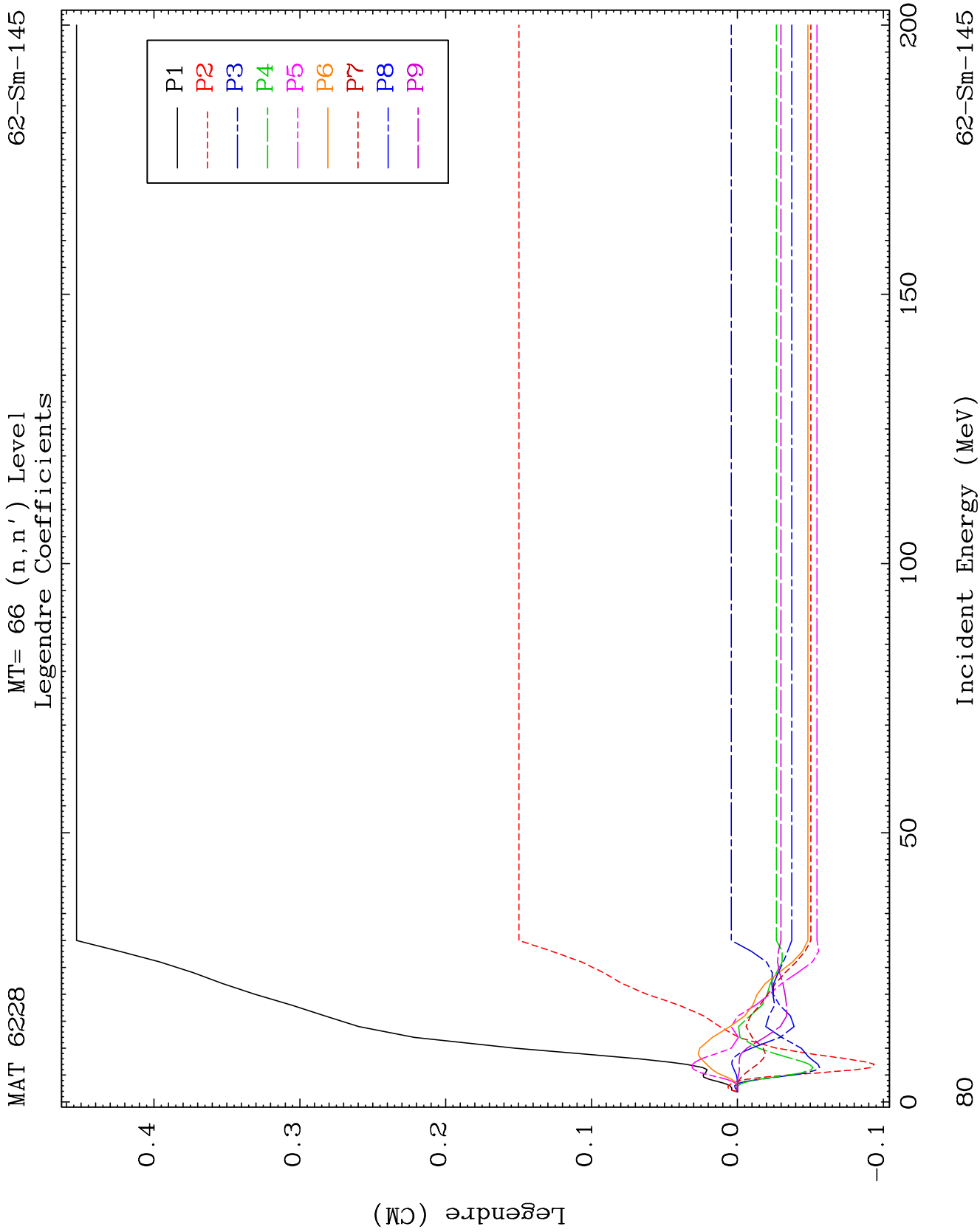
MAT 6228

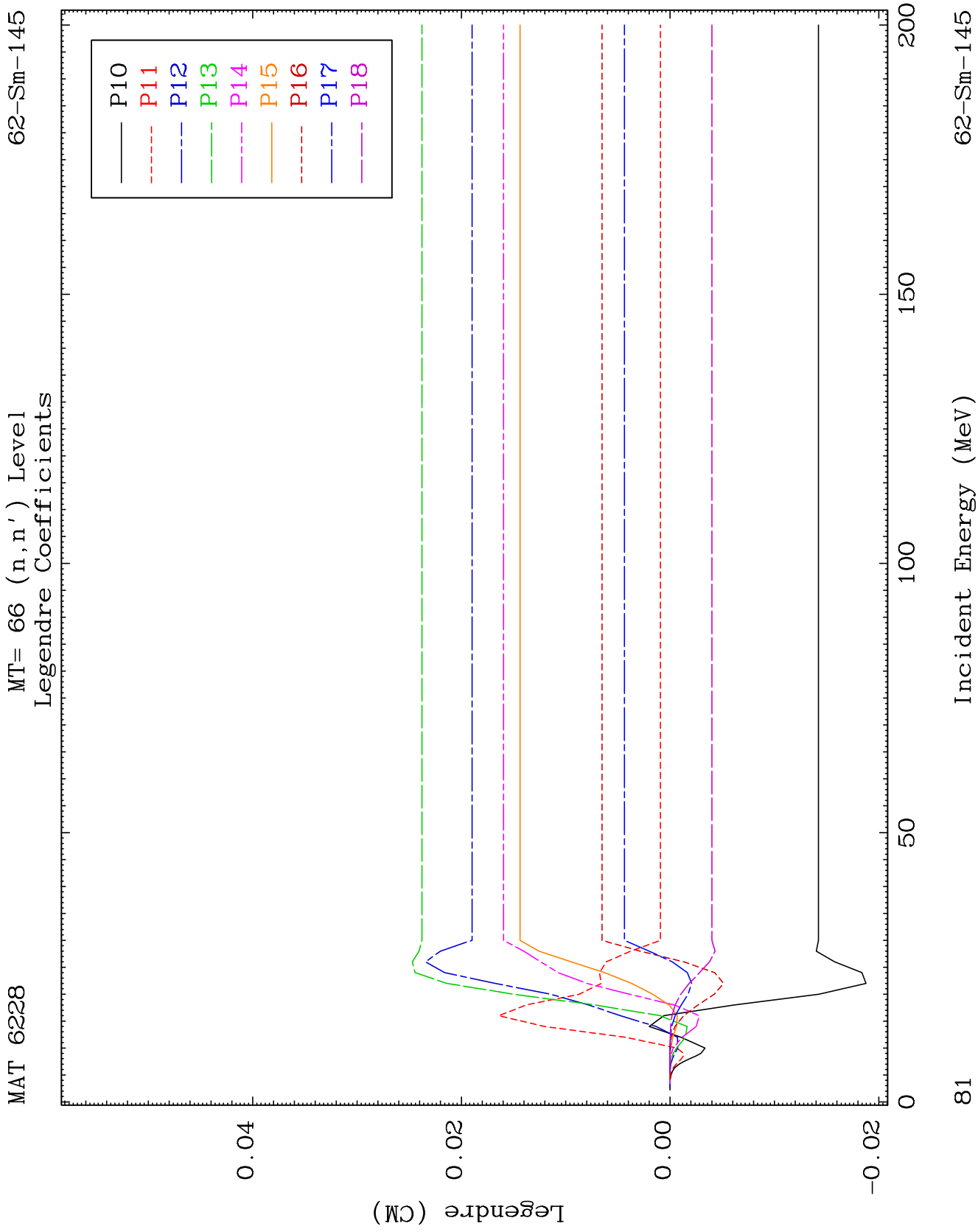
MT= 65 (n, n') Level
Legendre Coefficients

62-Sm-145





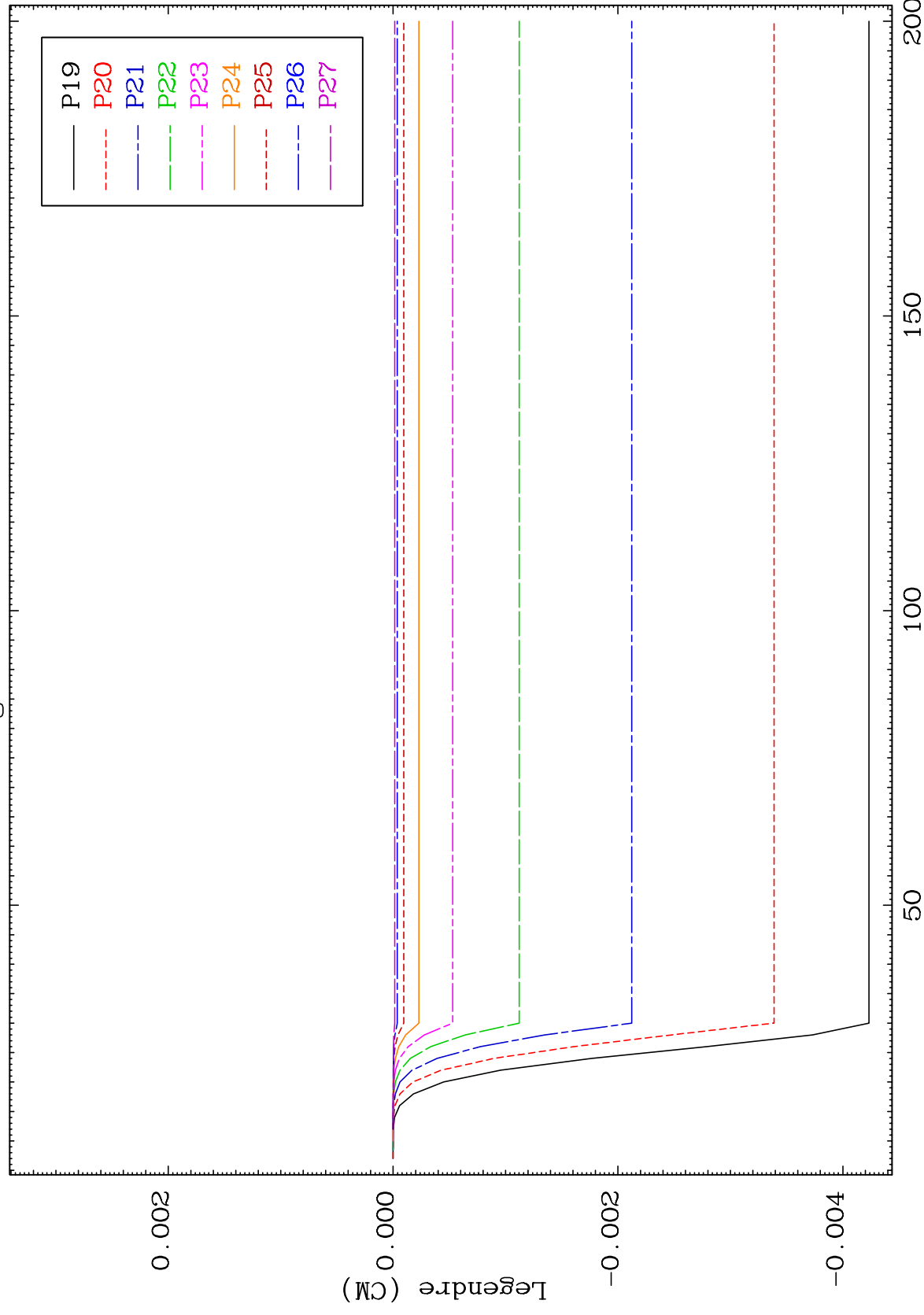




MAT 6228

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

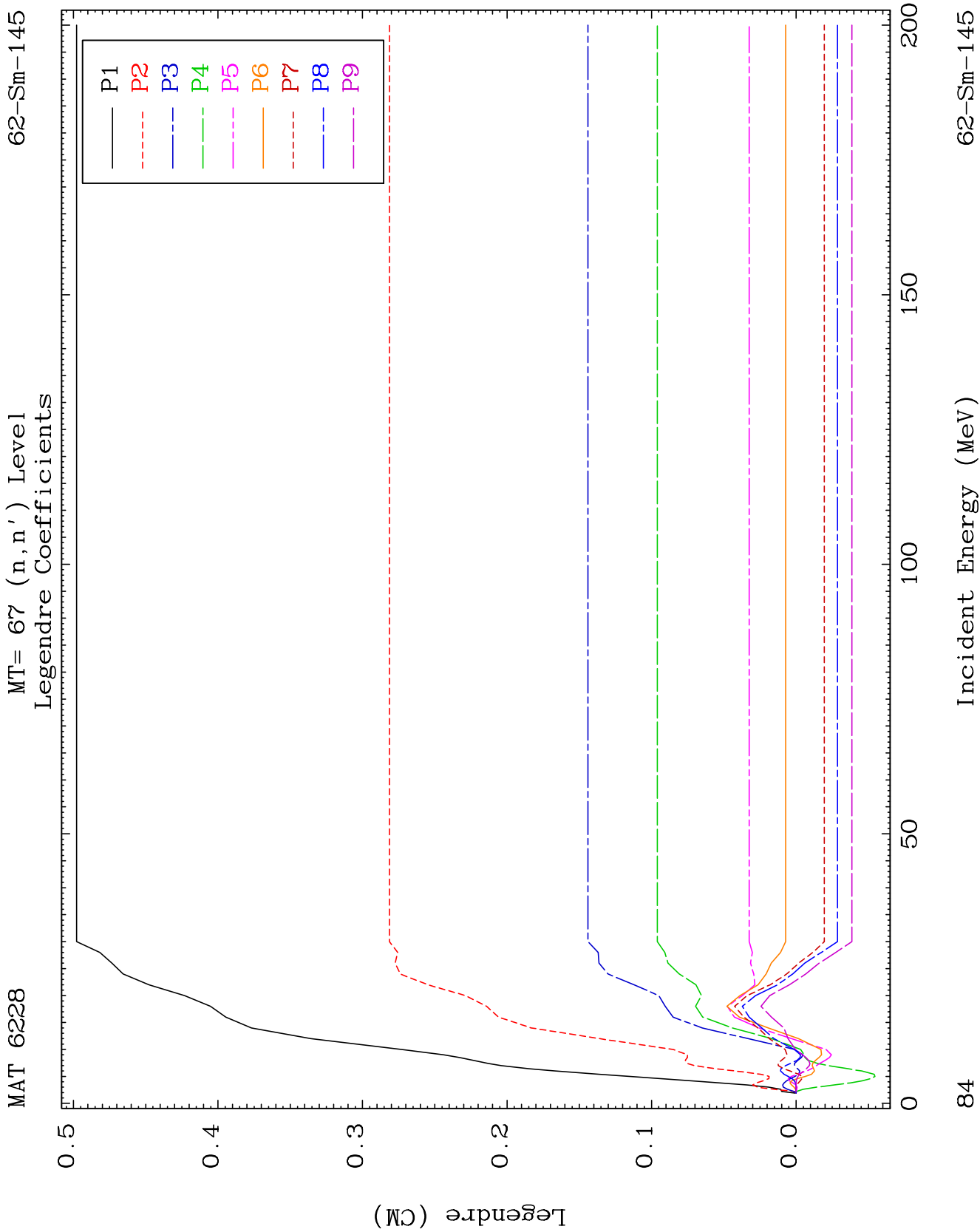
62-Sm-145

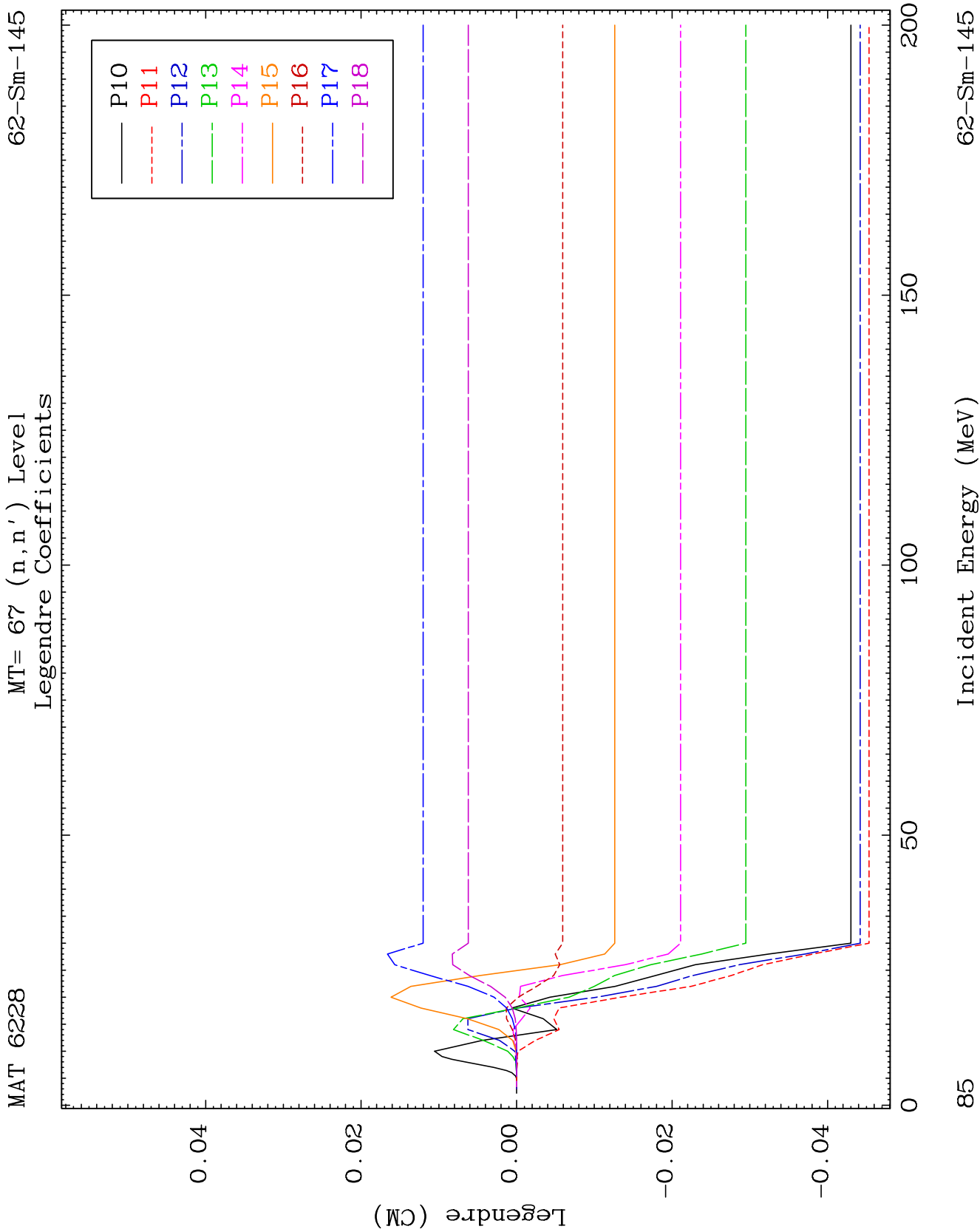


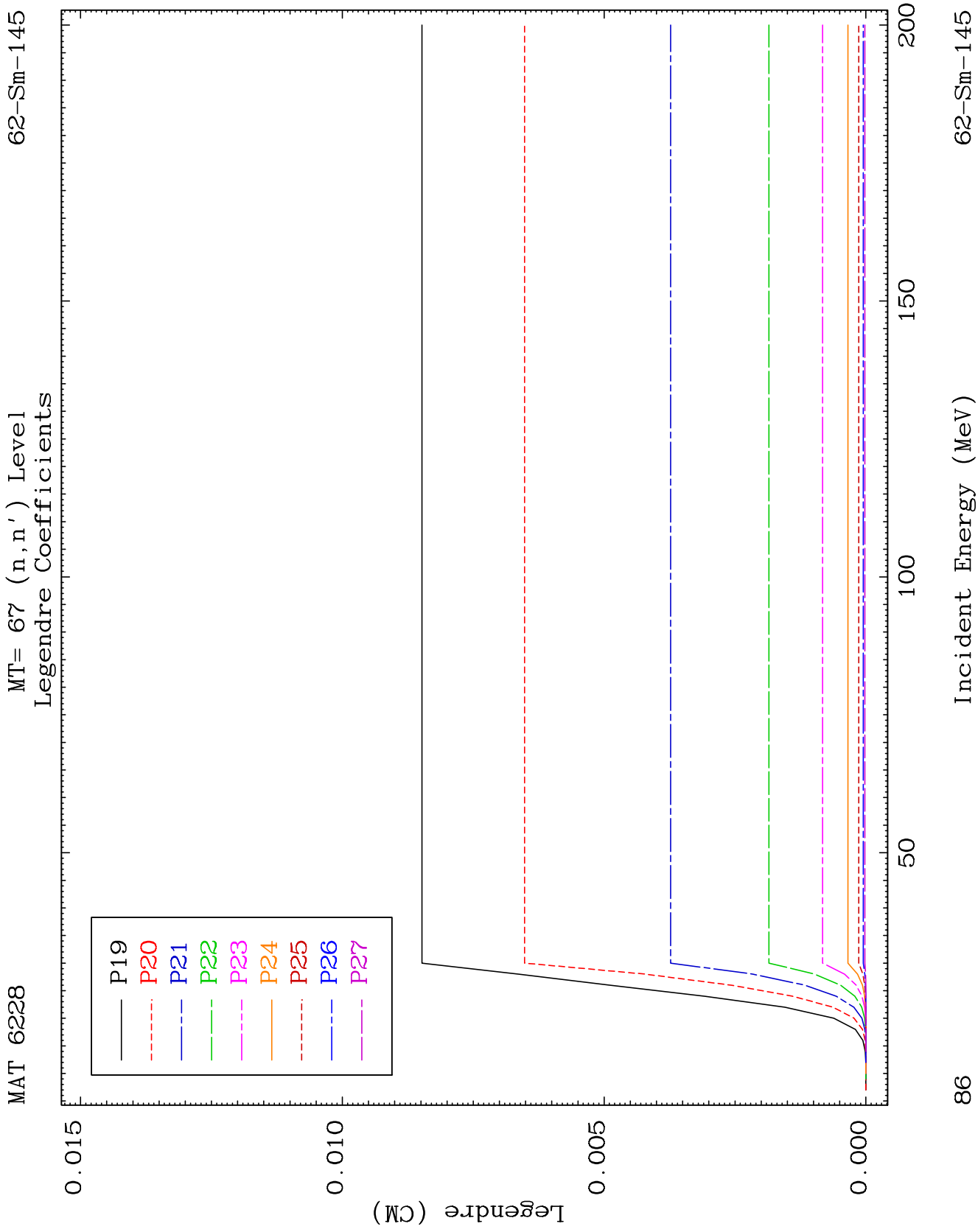
28

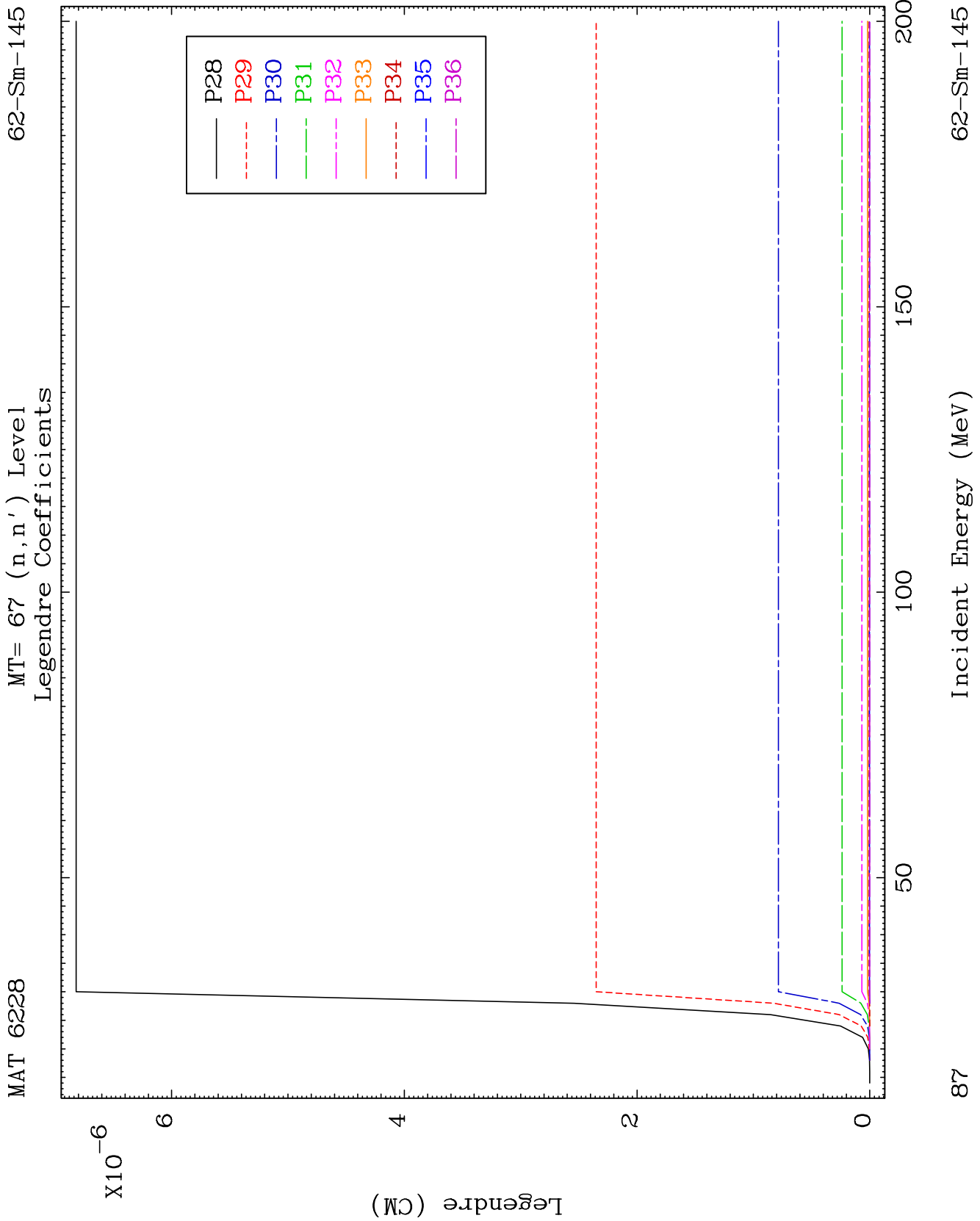
Incident Energy (MeV)

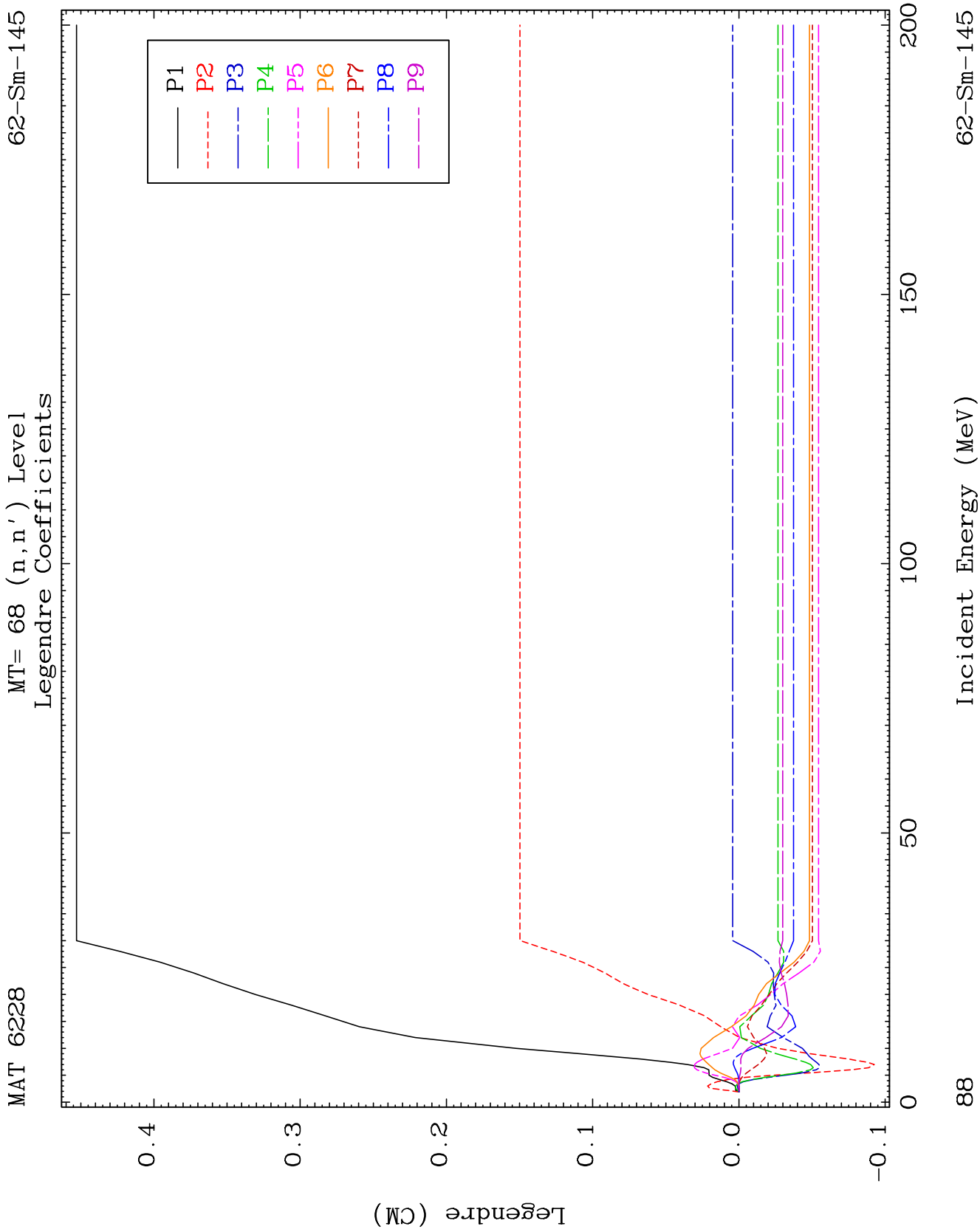
62-Sm-145







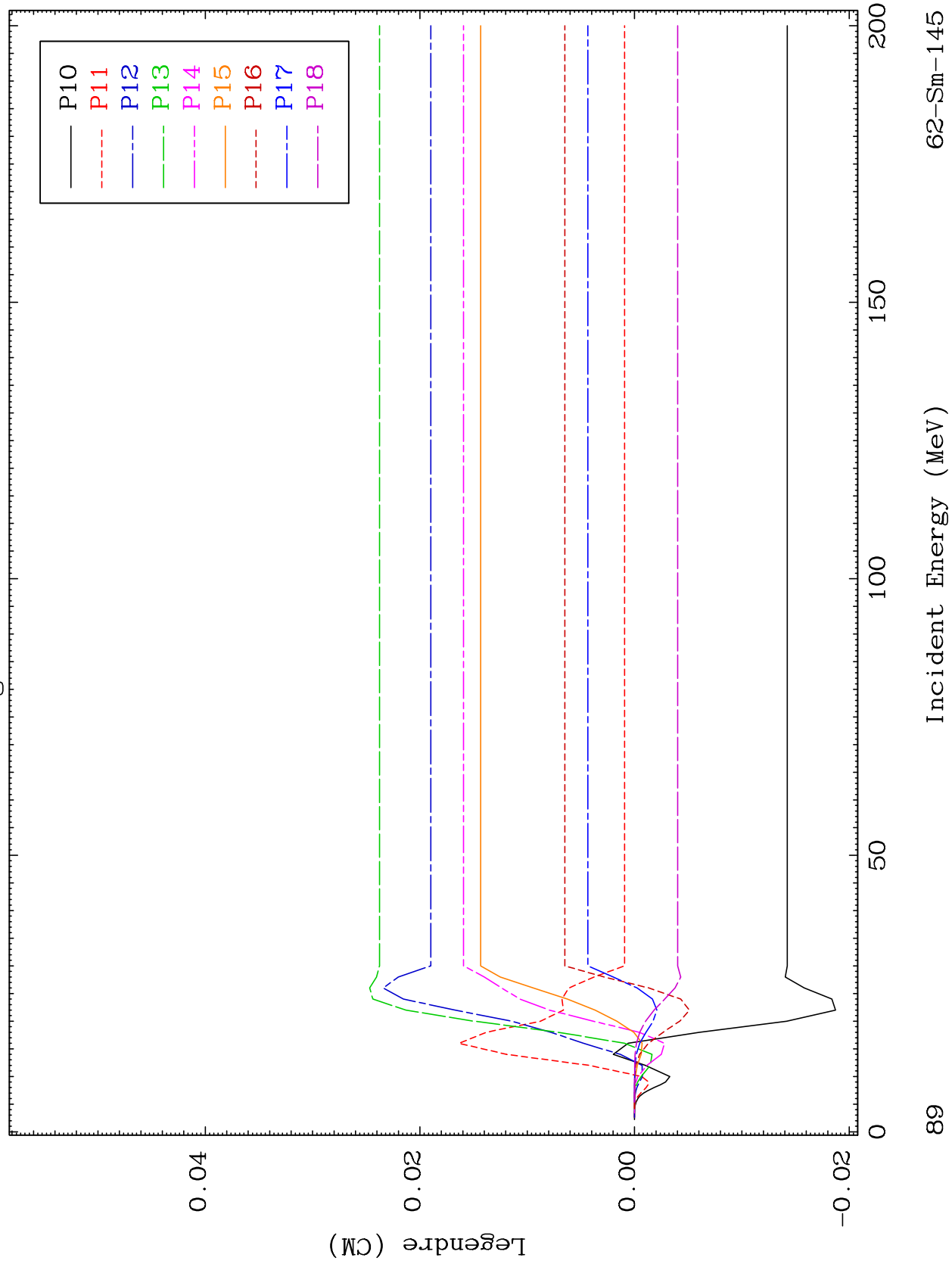


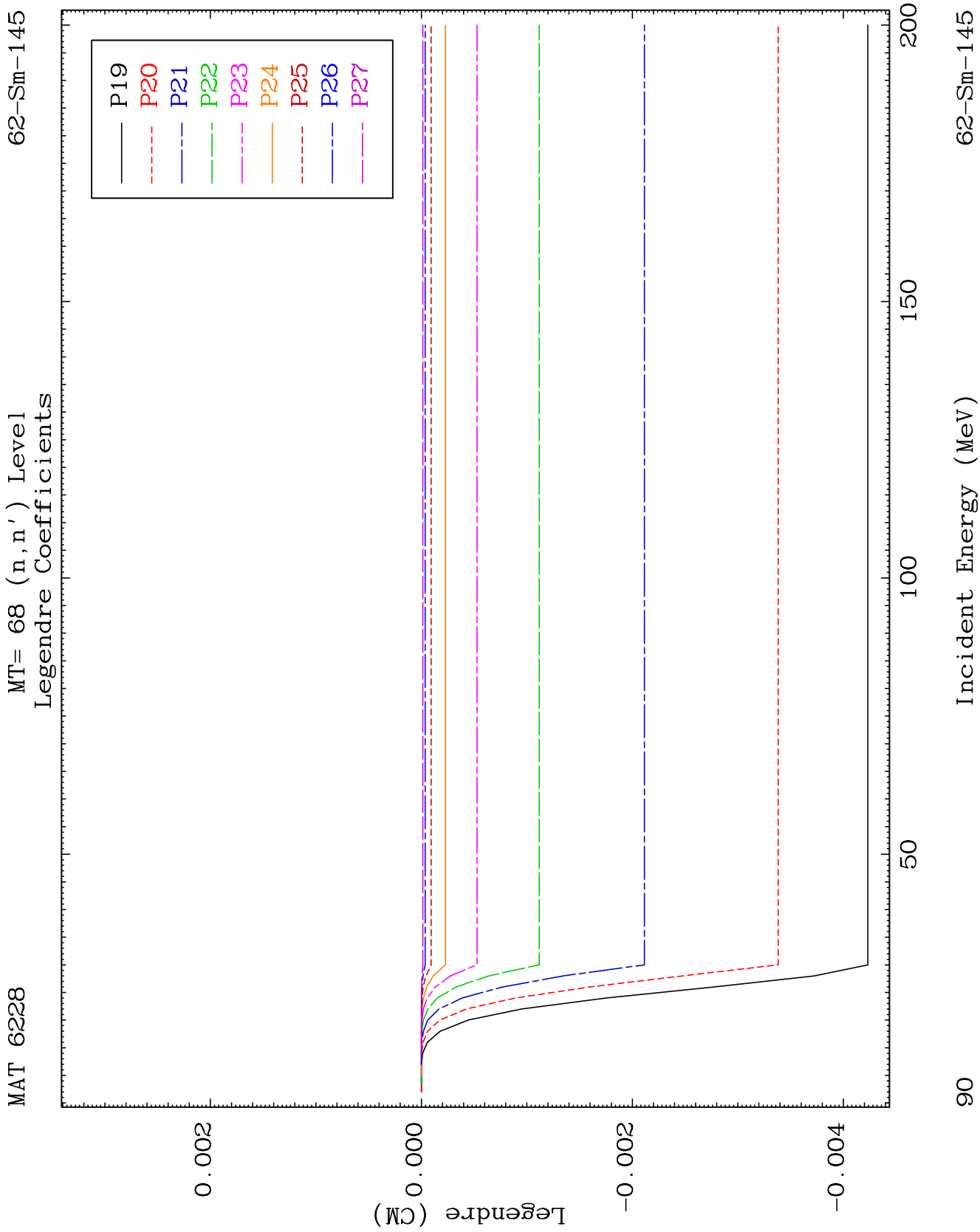


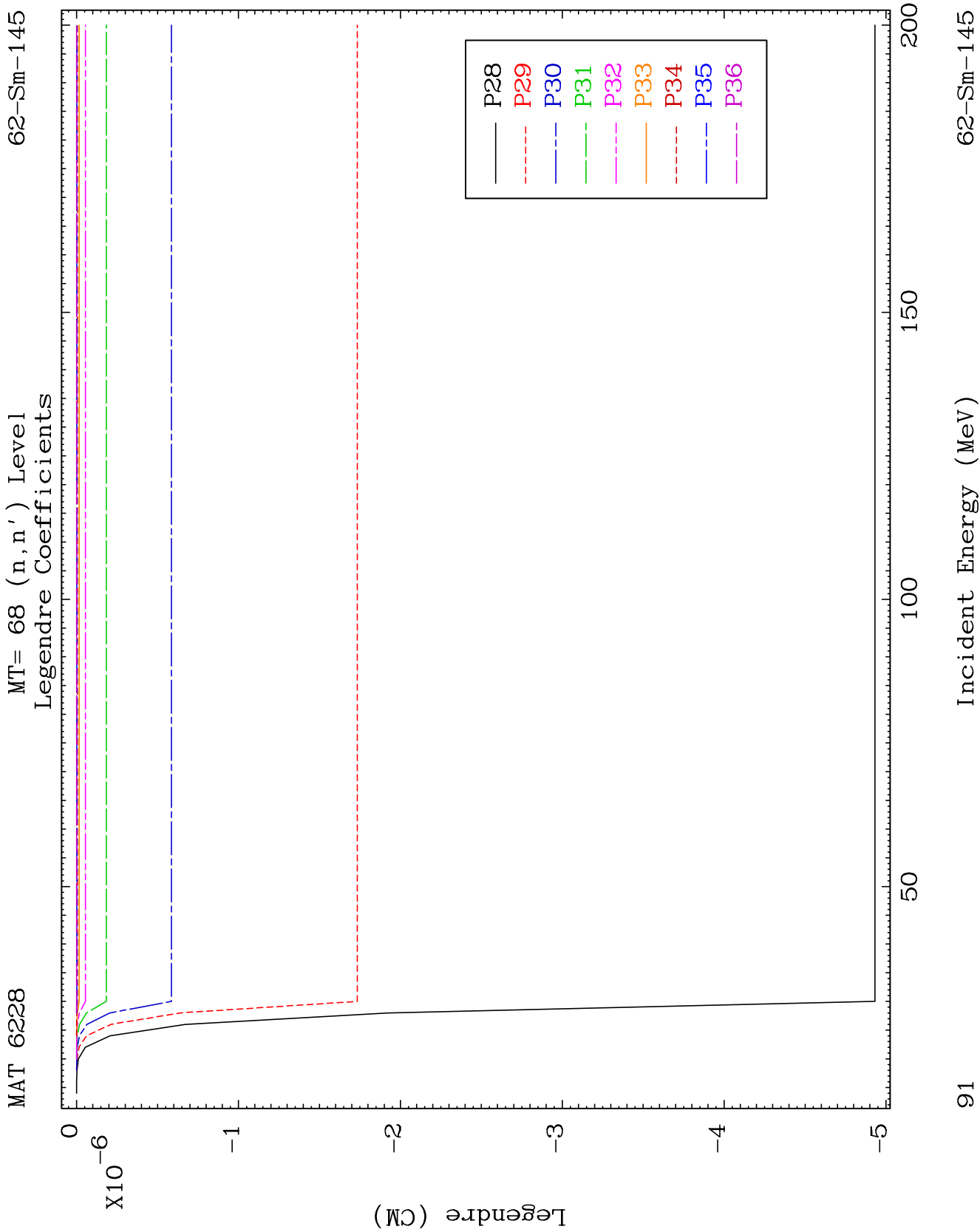
MAT 6228

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

62-Sm-145



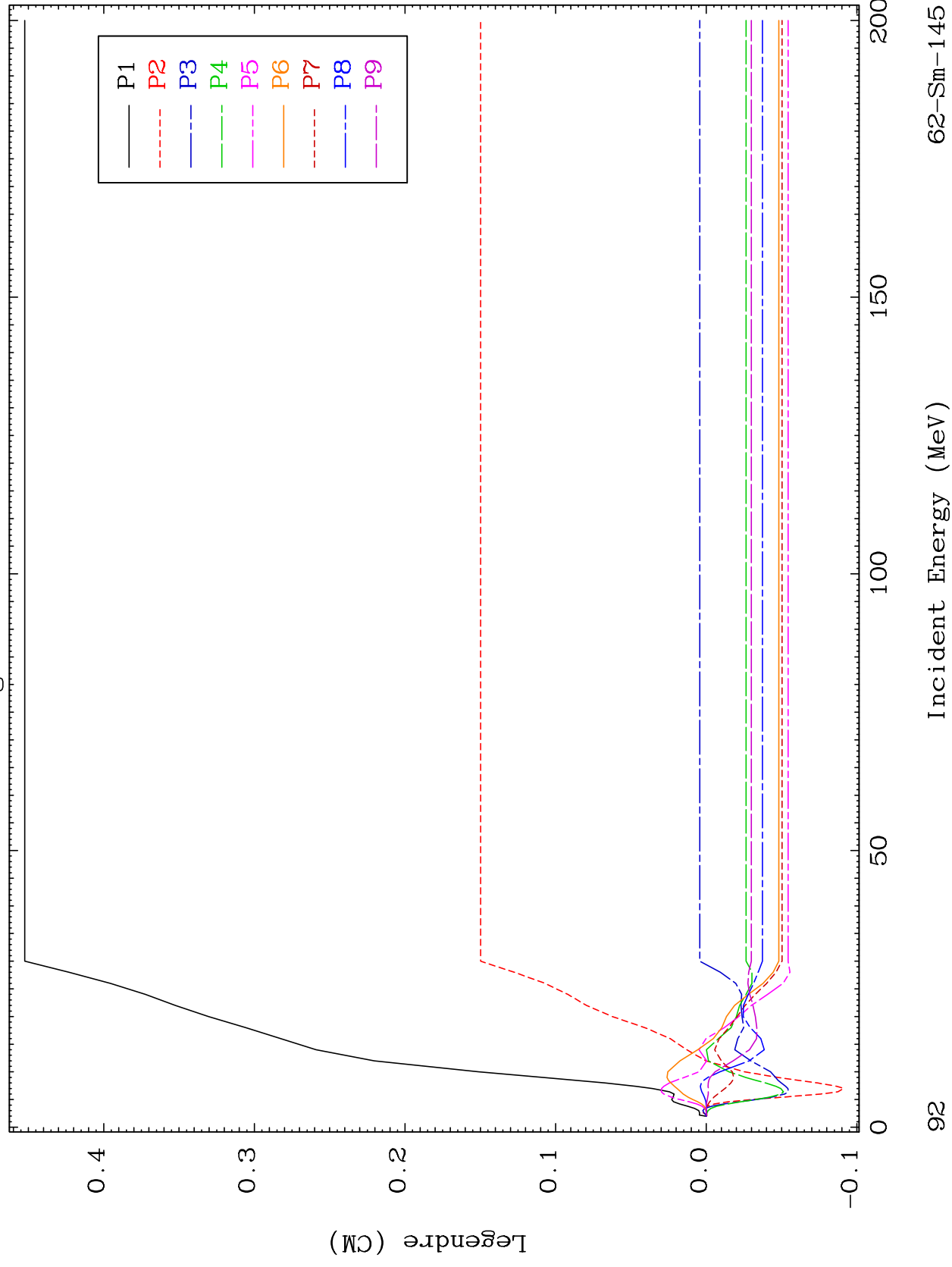




MAT 6228

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

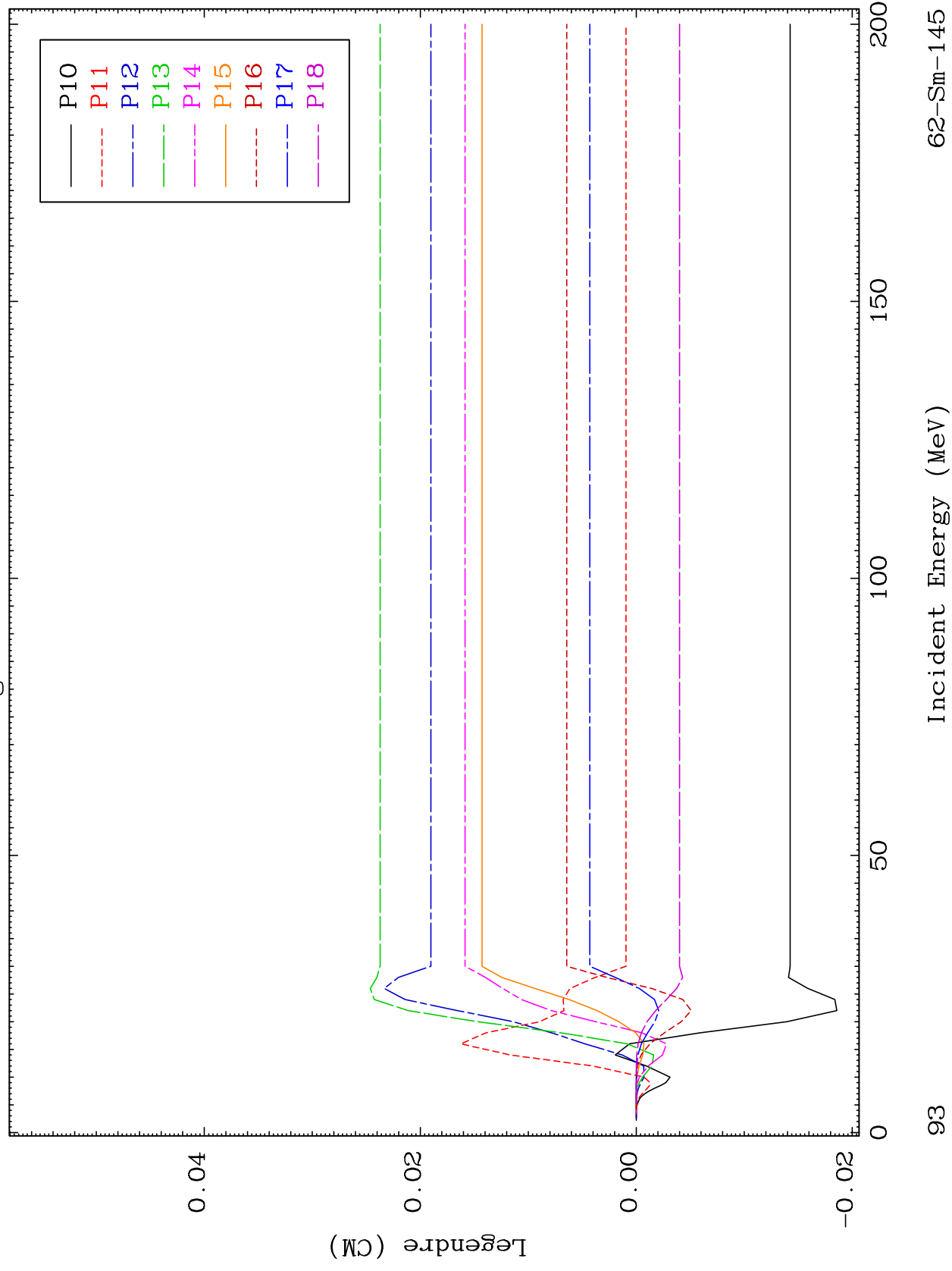
62-Sm-145

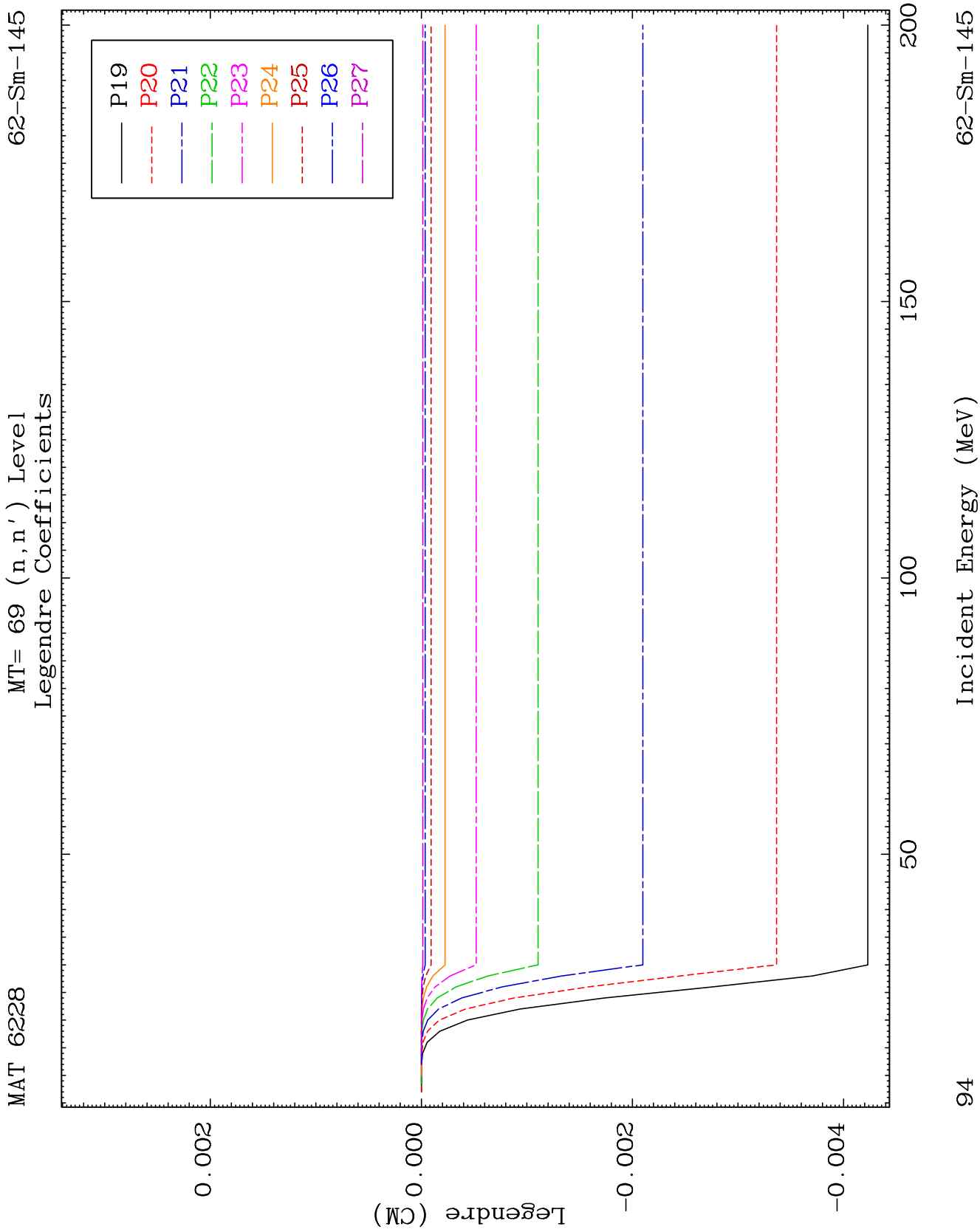


MAT 6228

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

62-Sm-145

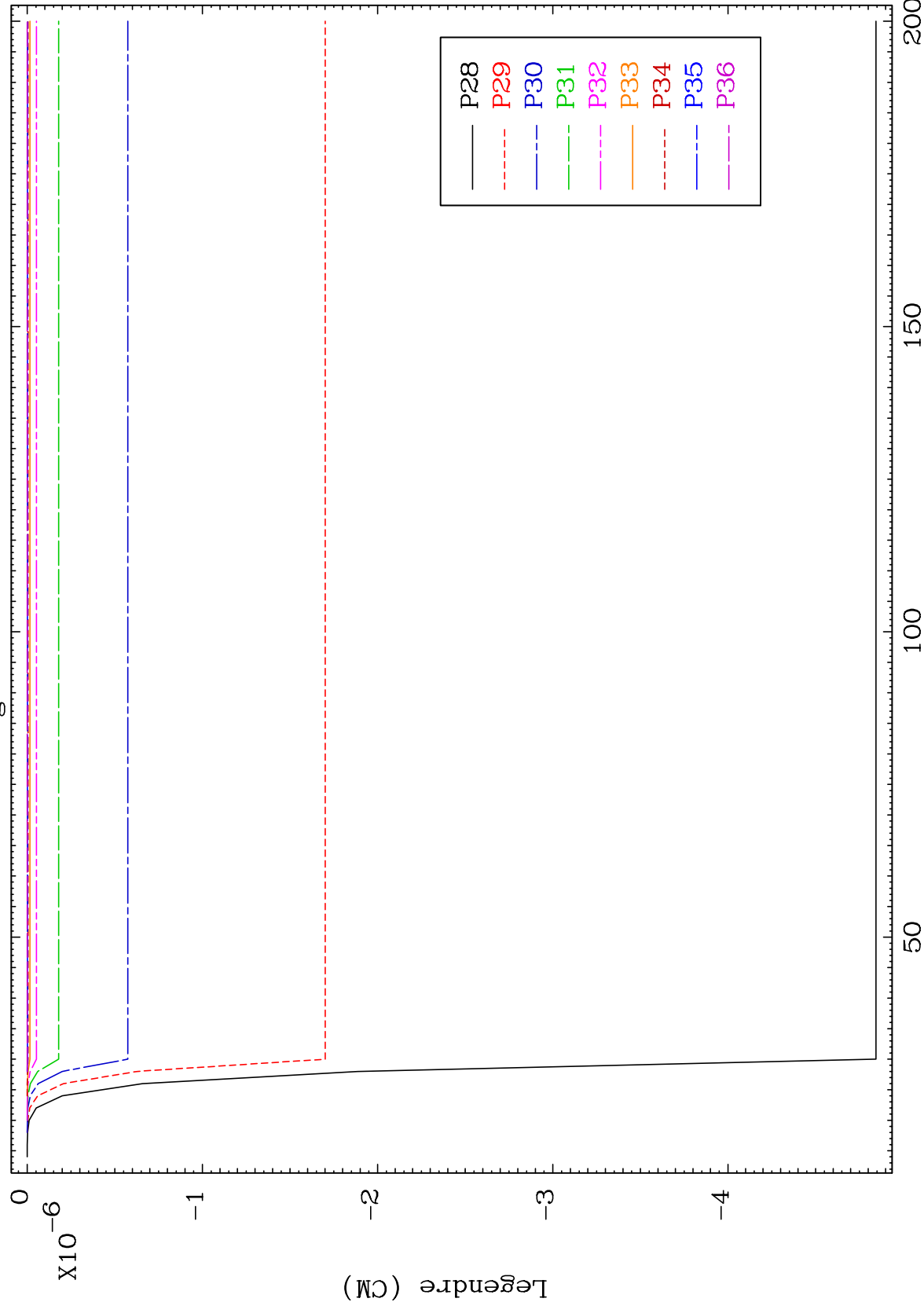




MAT 6228

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

62-Sm-145



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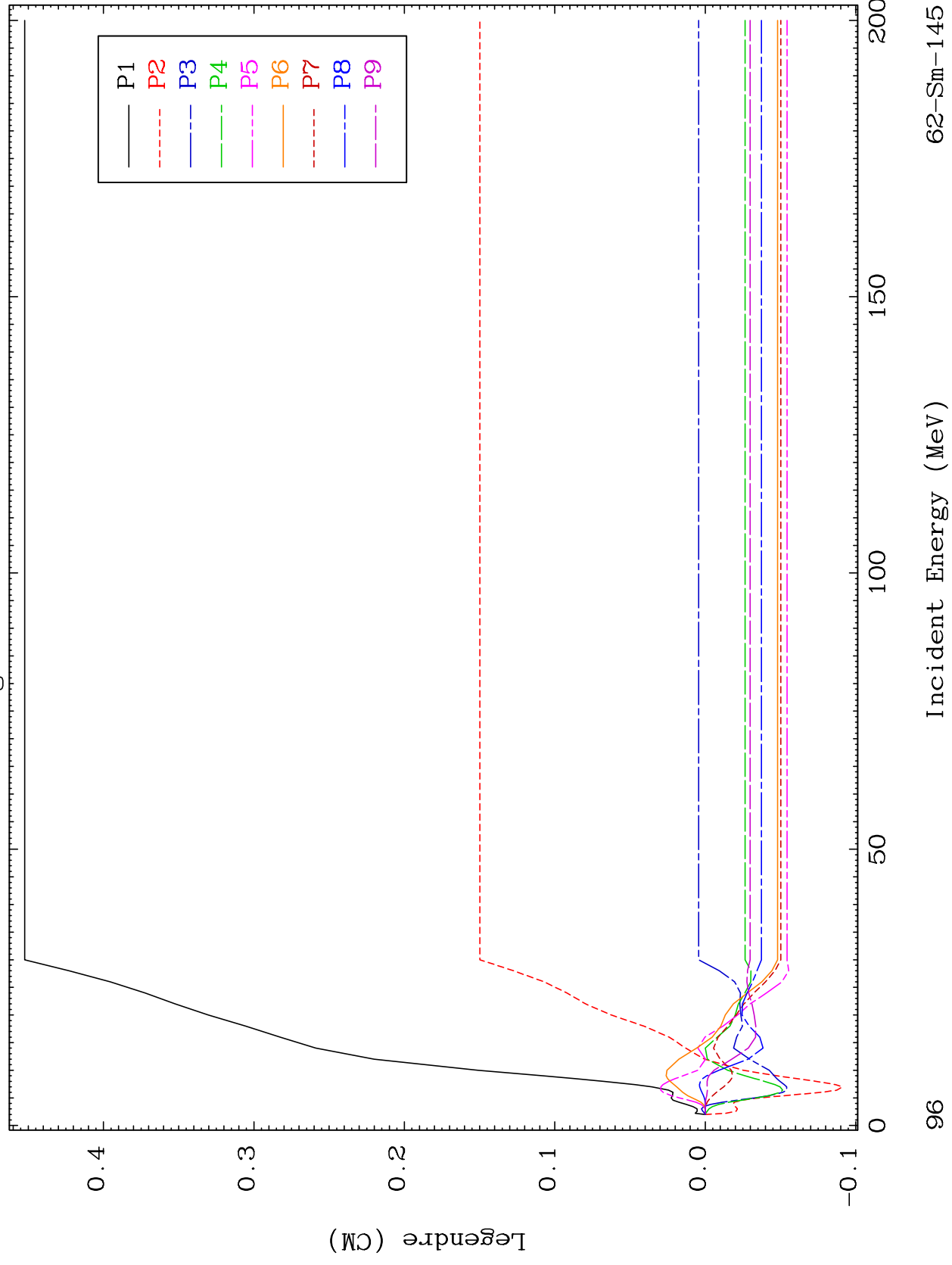
Incident Energy (MeV)

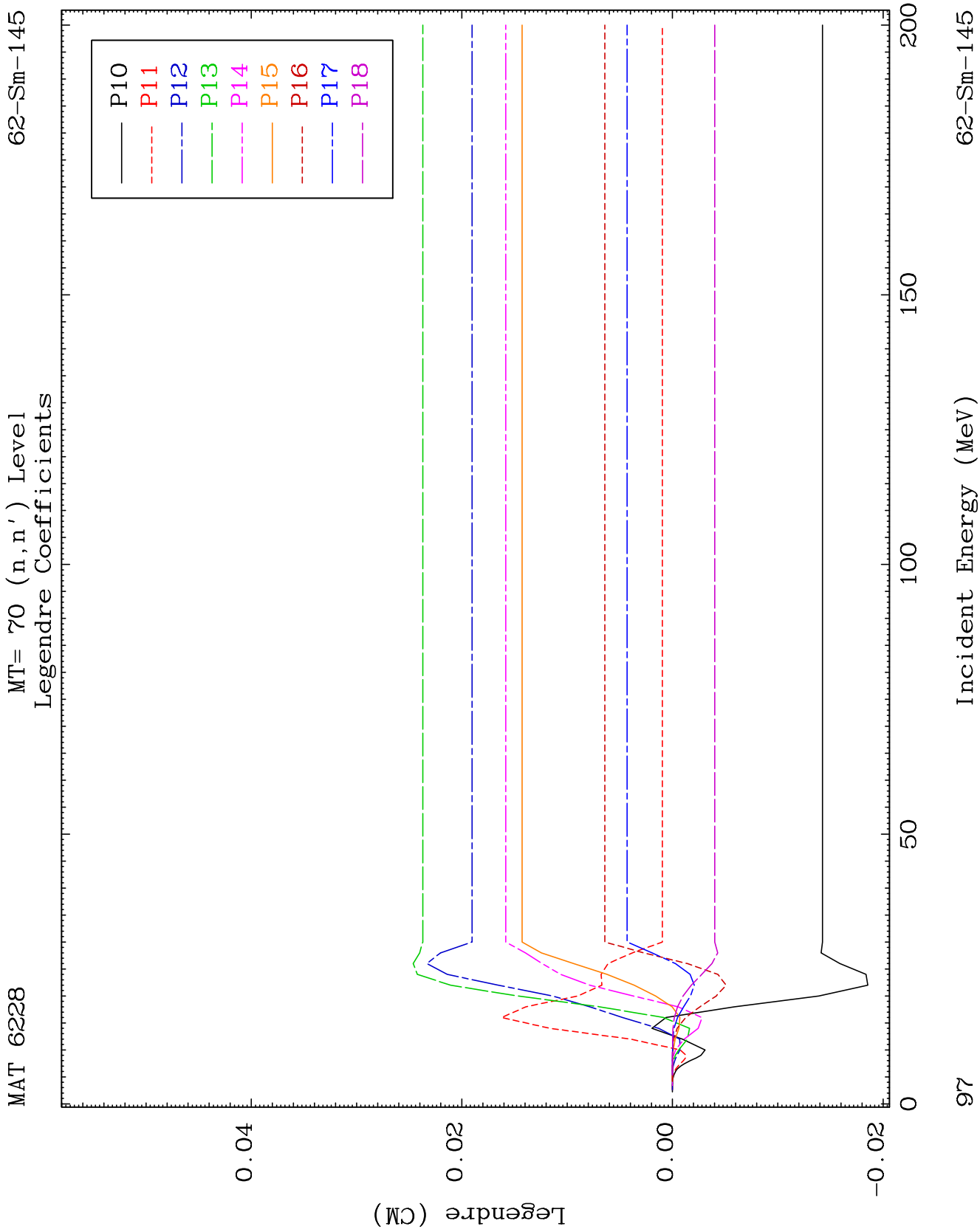
62-Sm-145

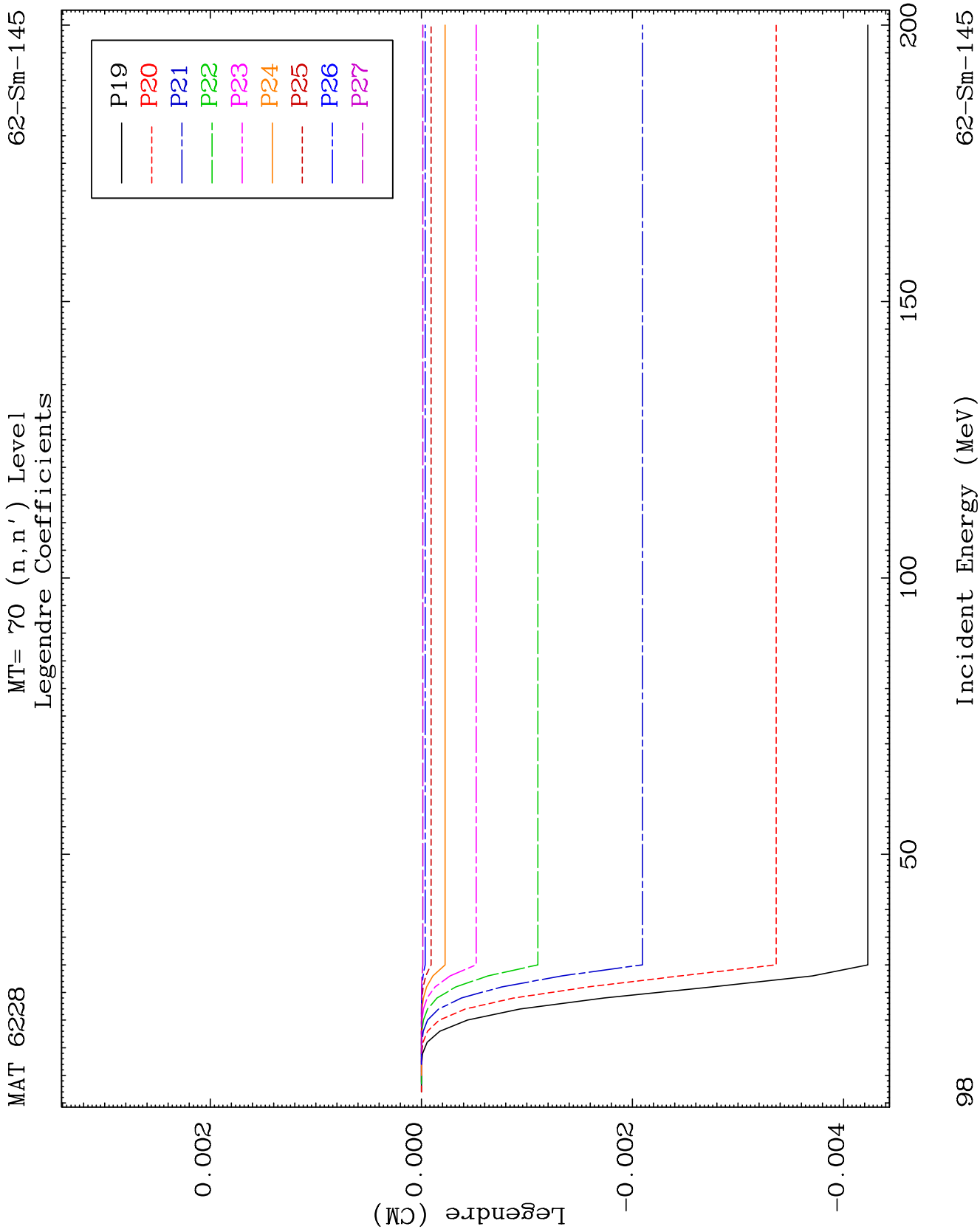
MAT 6228

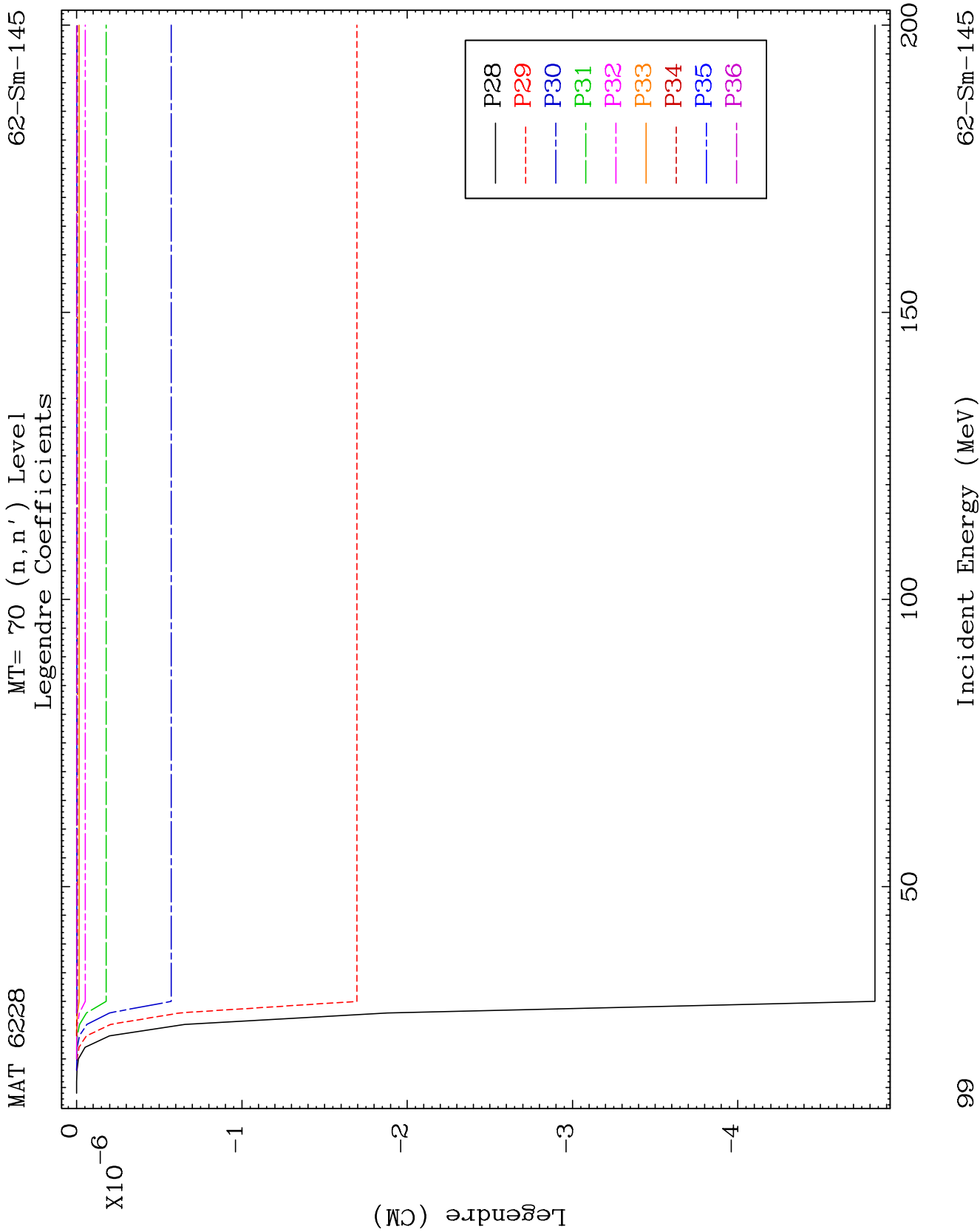
MT= 70 (n, n') Level
Legendre Coefficients

62-Sm-145





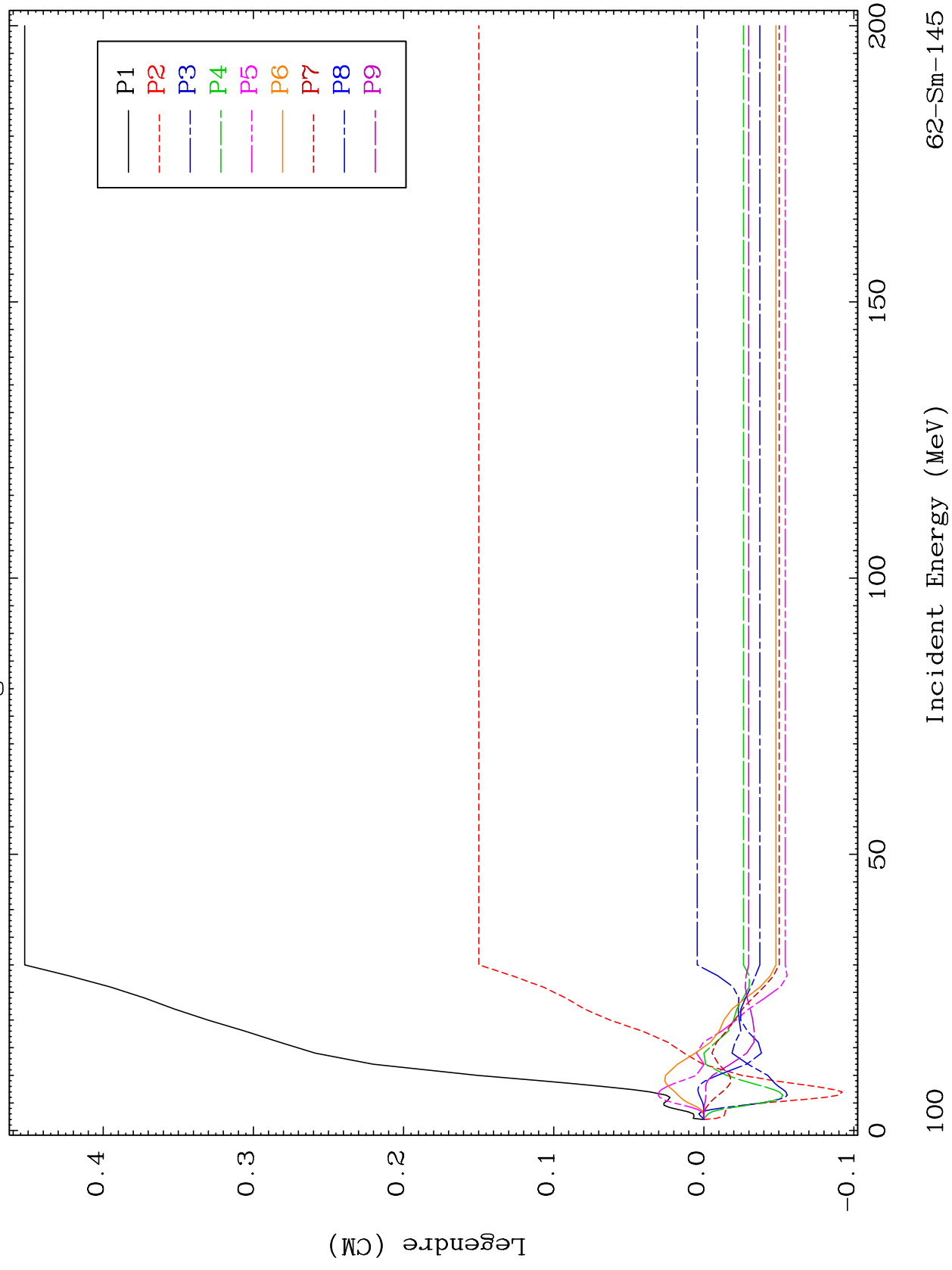




MAT 6228

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

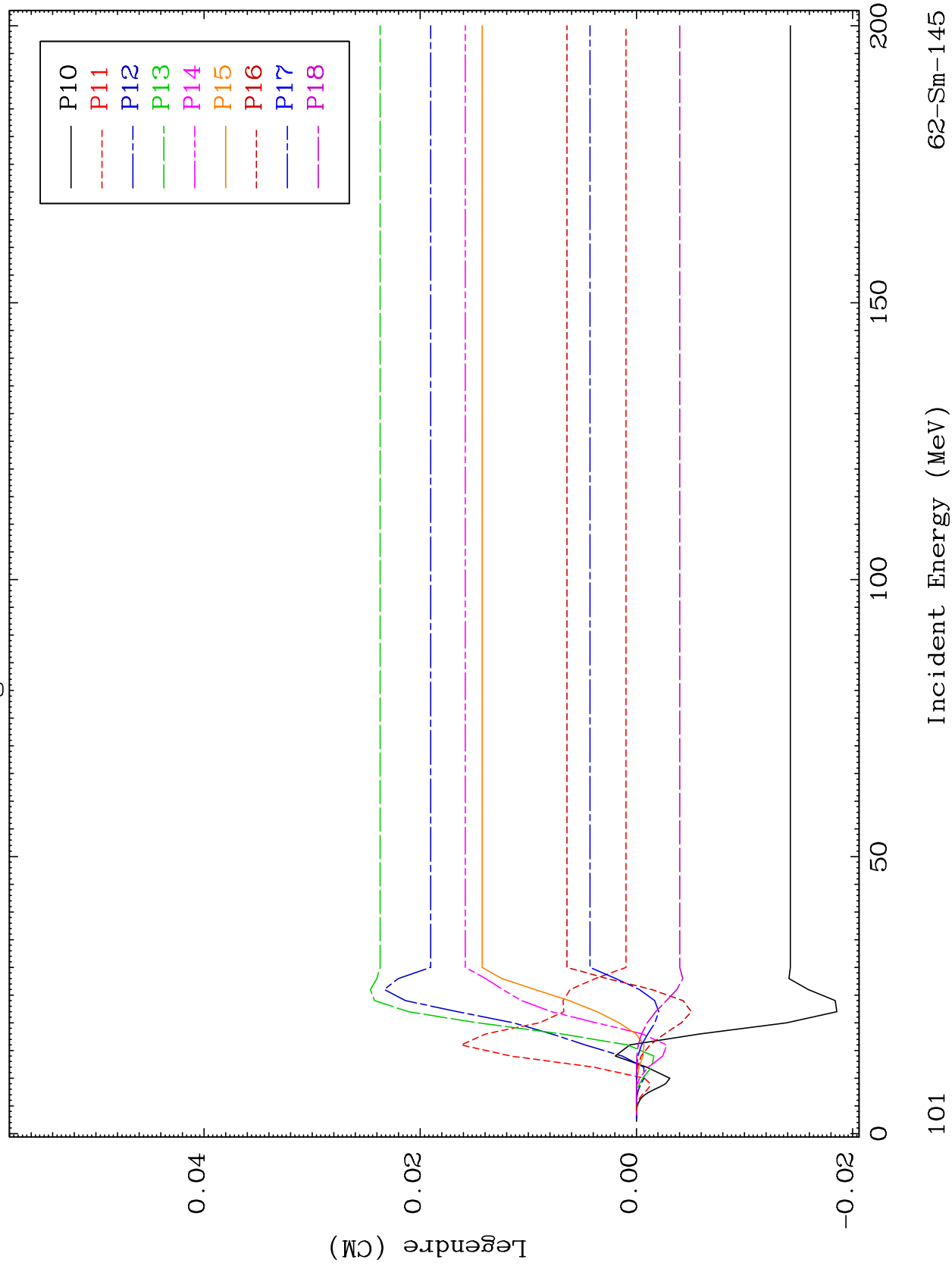
62-Sm-145



MAT 6228

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

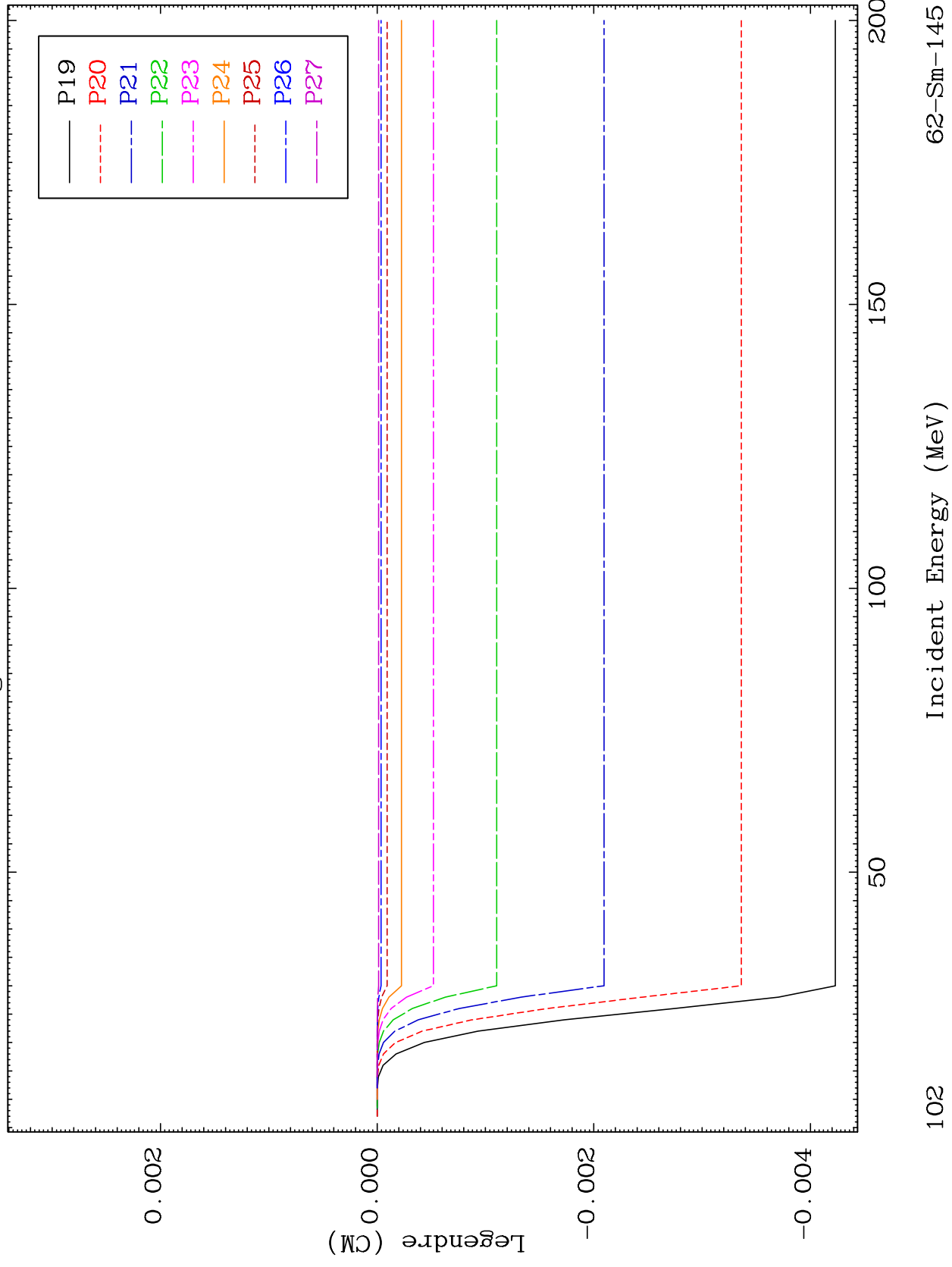
62-Sm-145

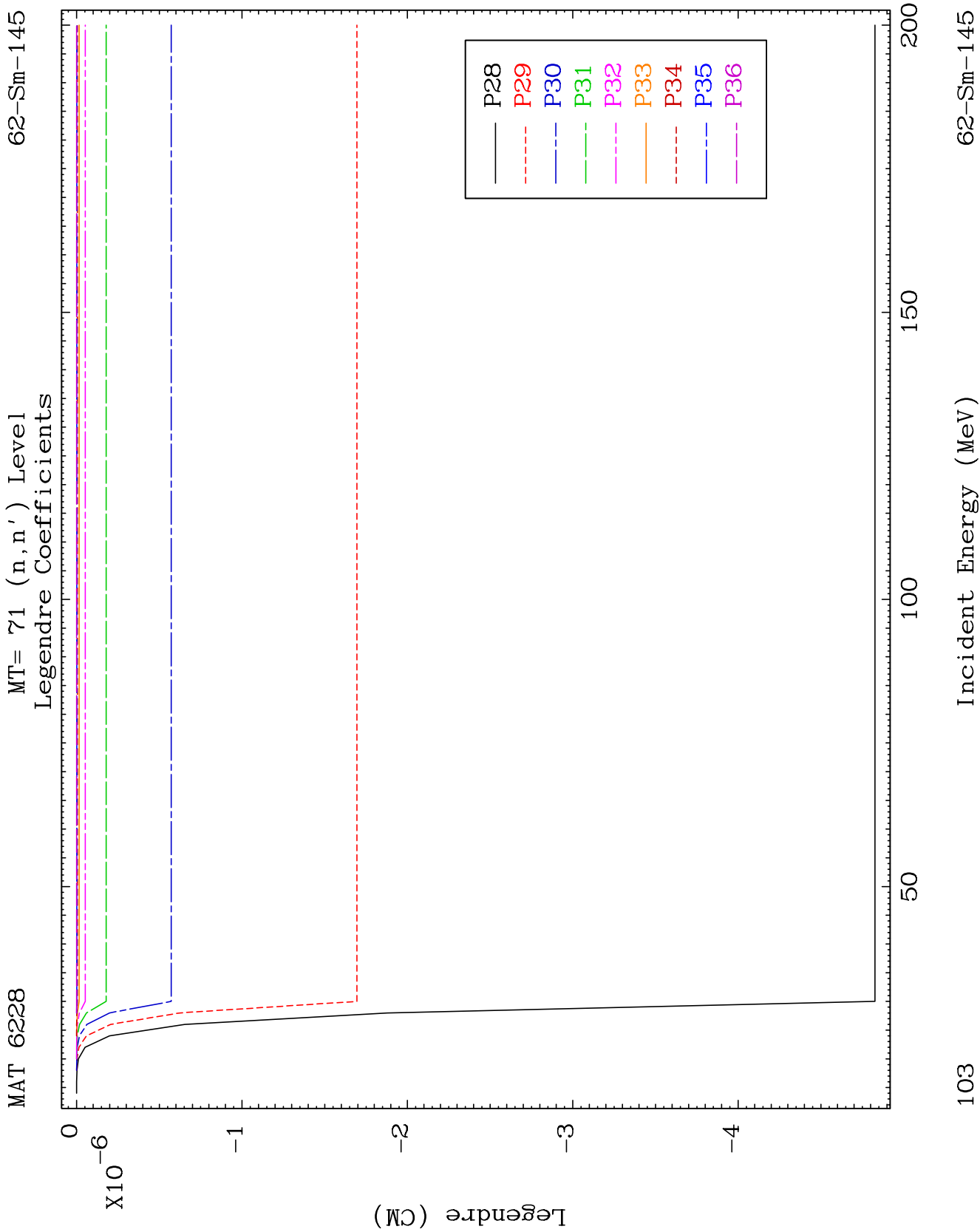


MAT 6228

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

62-Sm-145

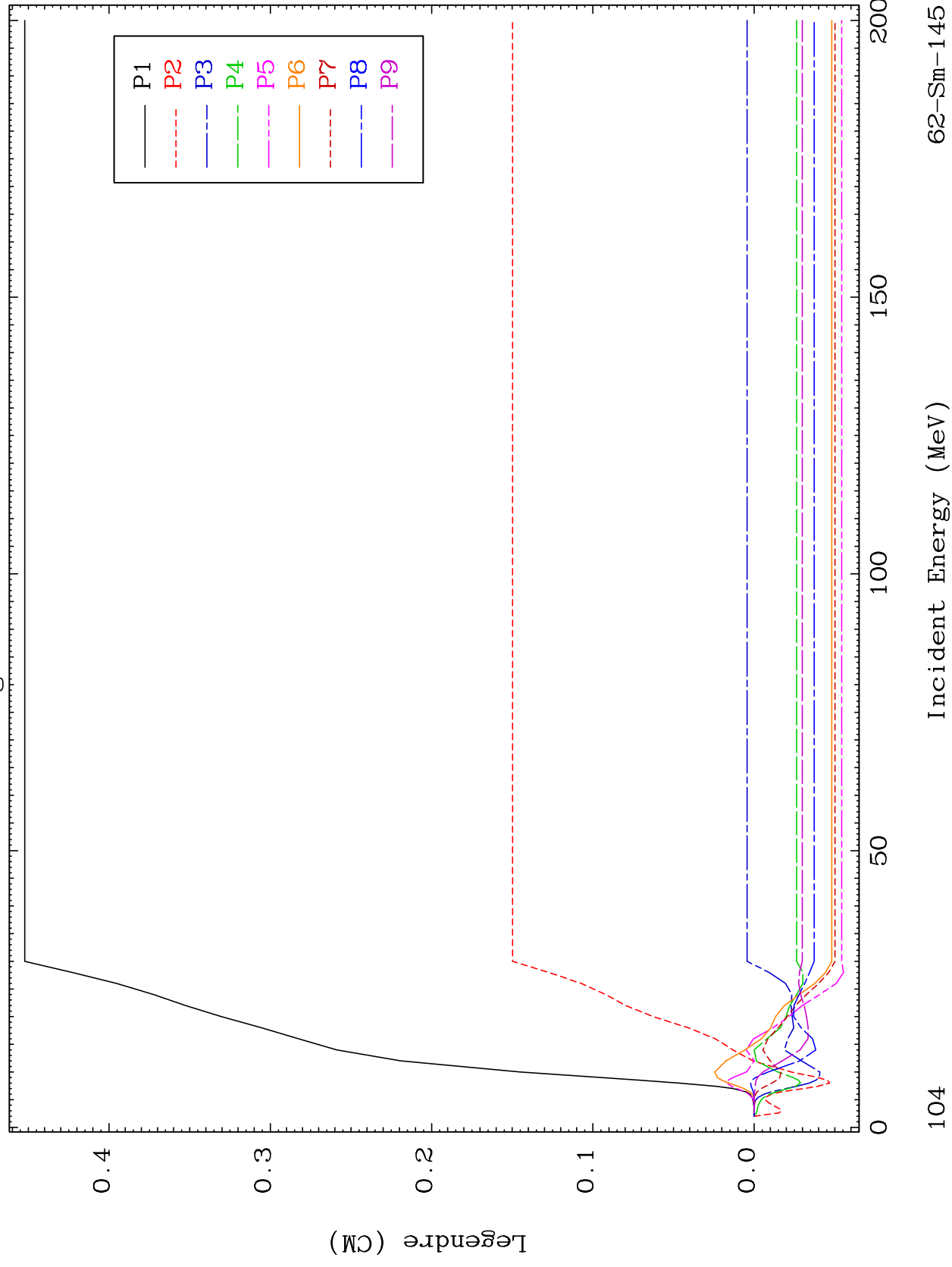




MAT 6228

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

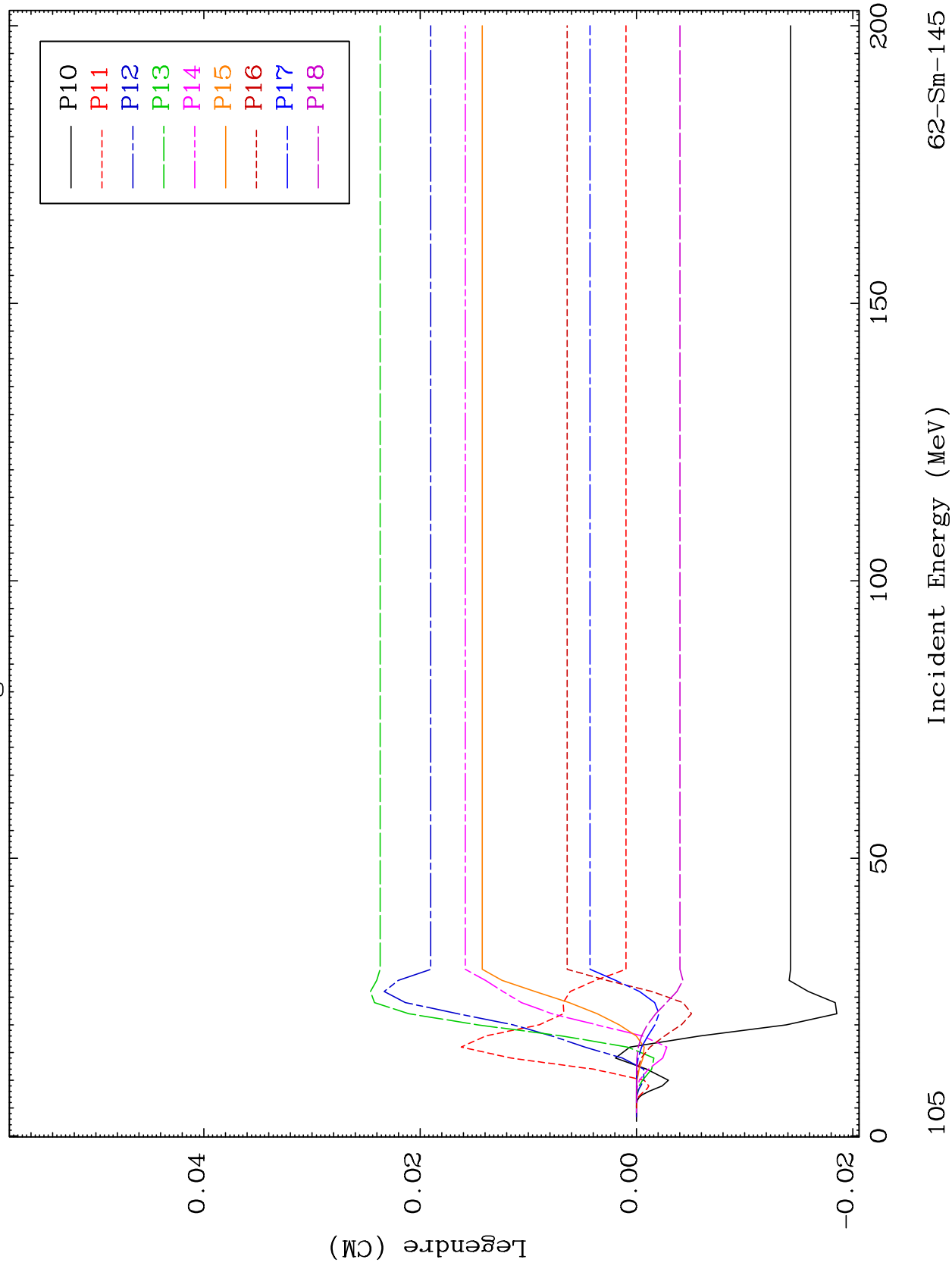
62-Sm-145



MAT 6228

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

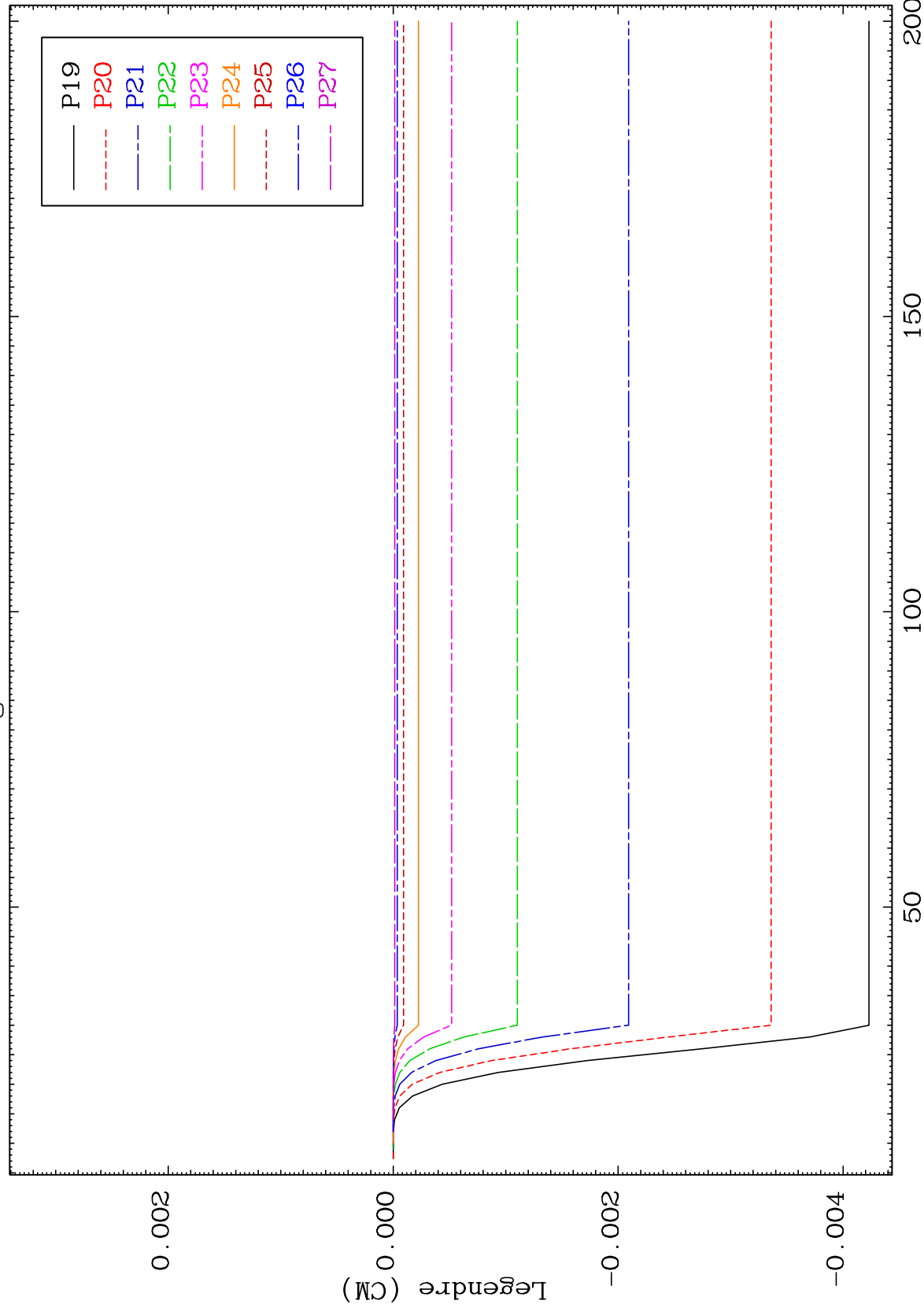
62-Sm-145



MAT 6228

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

62-Sm-145



106

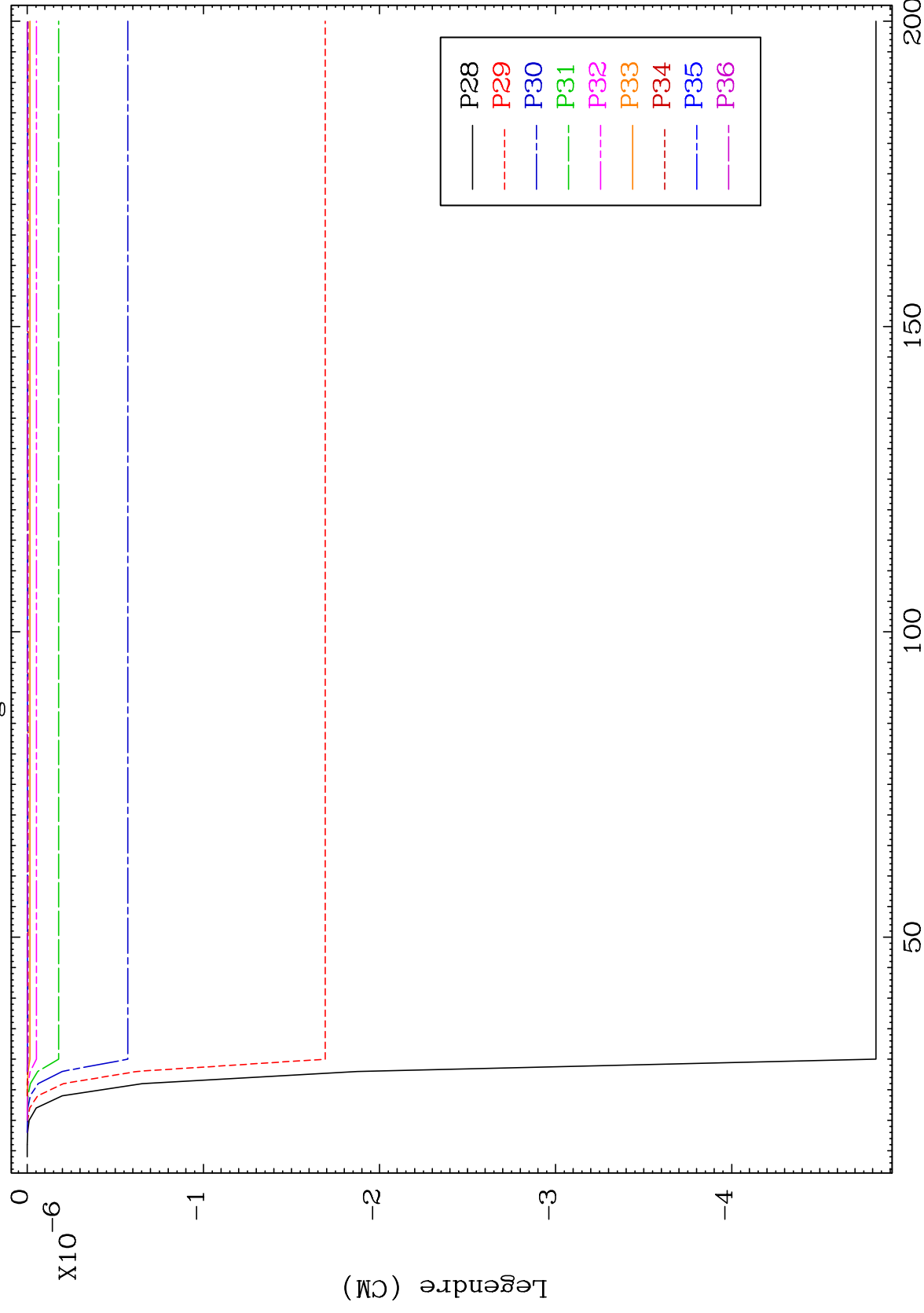
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



107

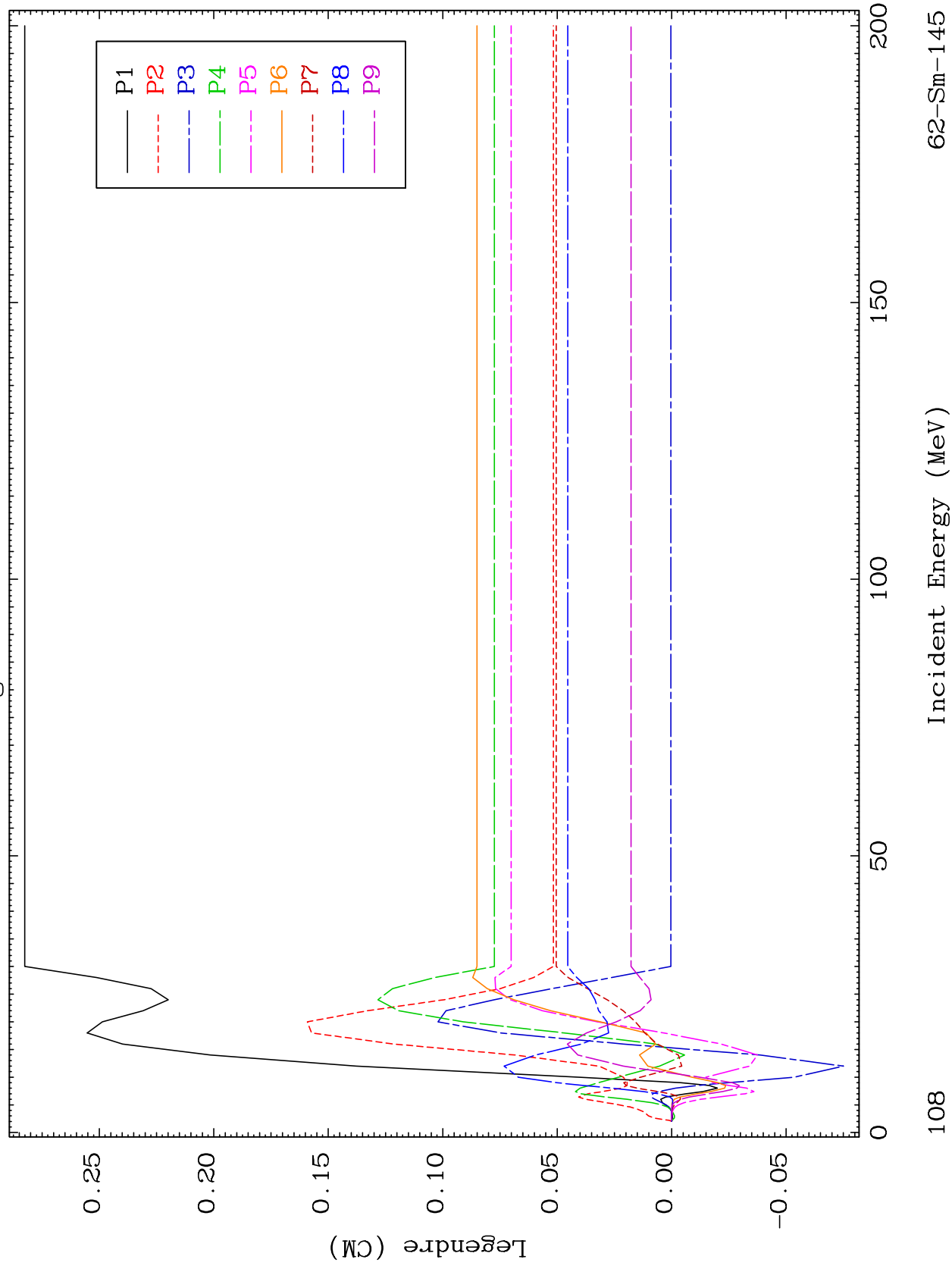
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

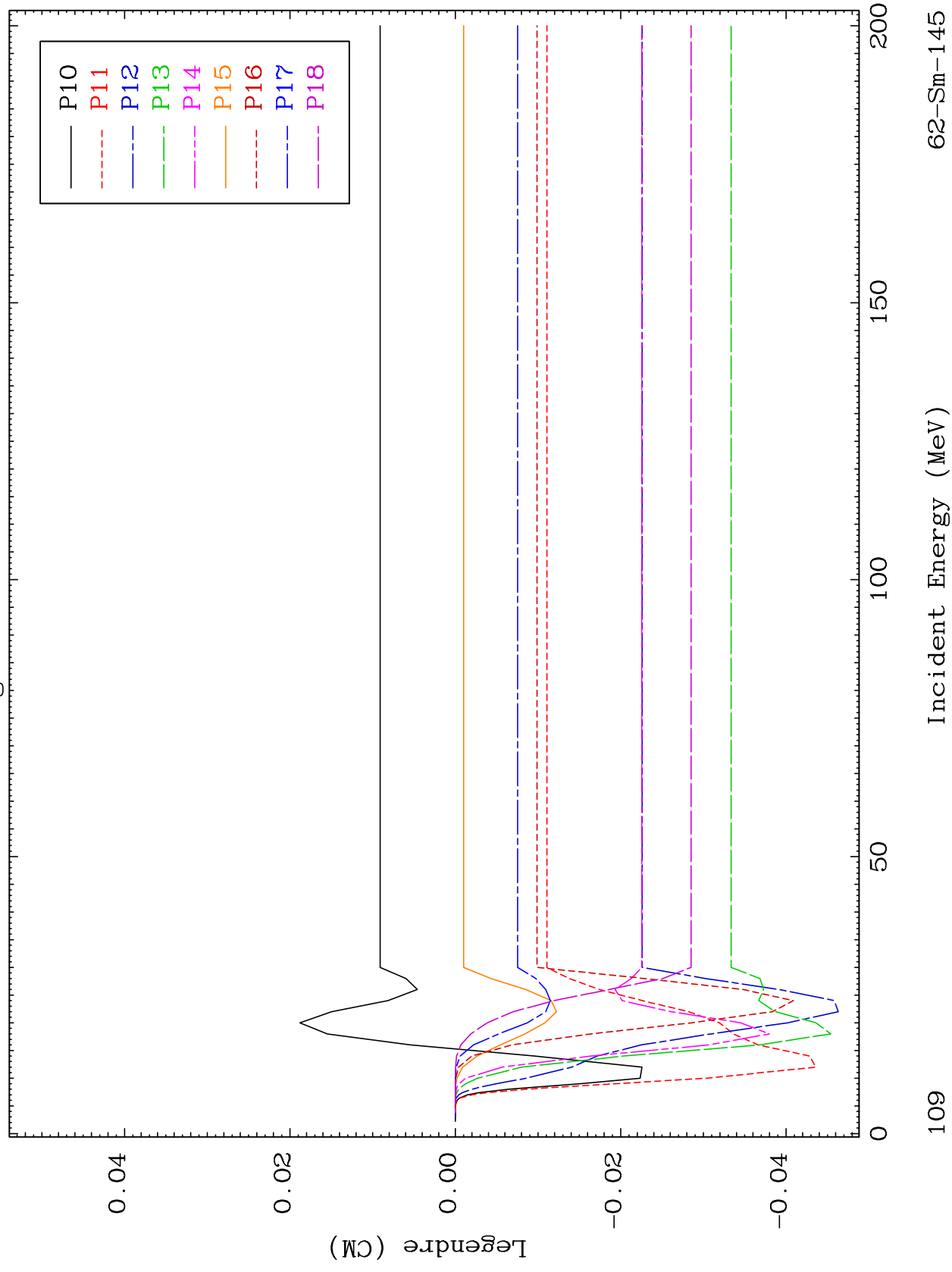
62-Sm-145

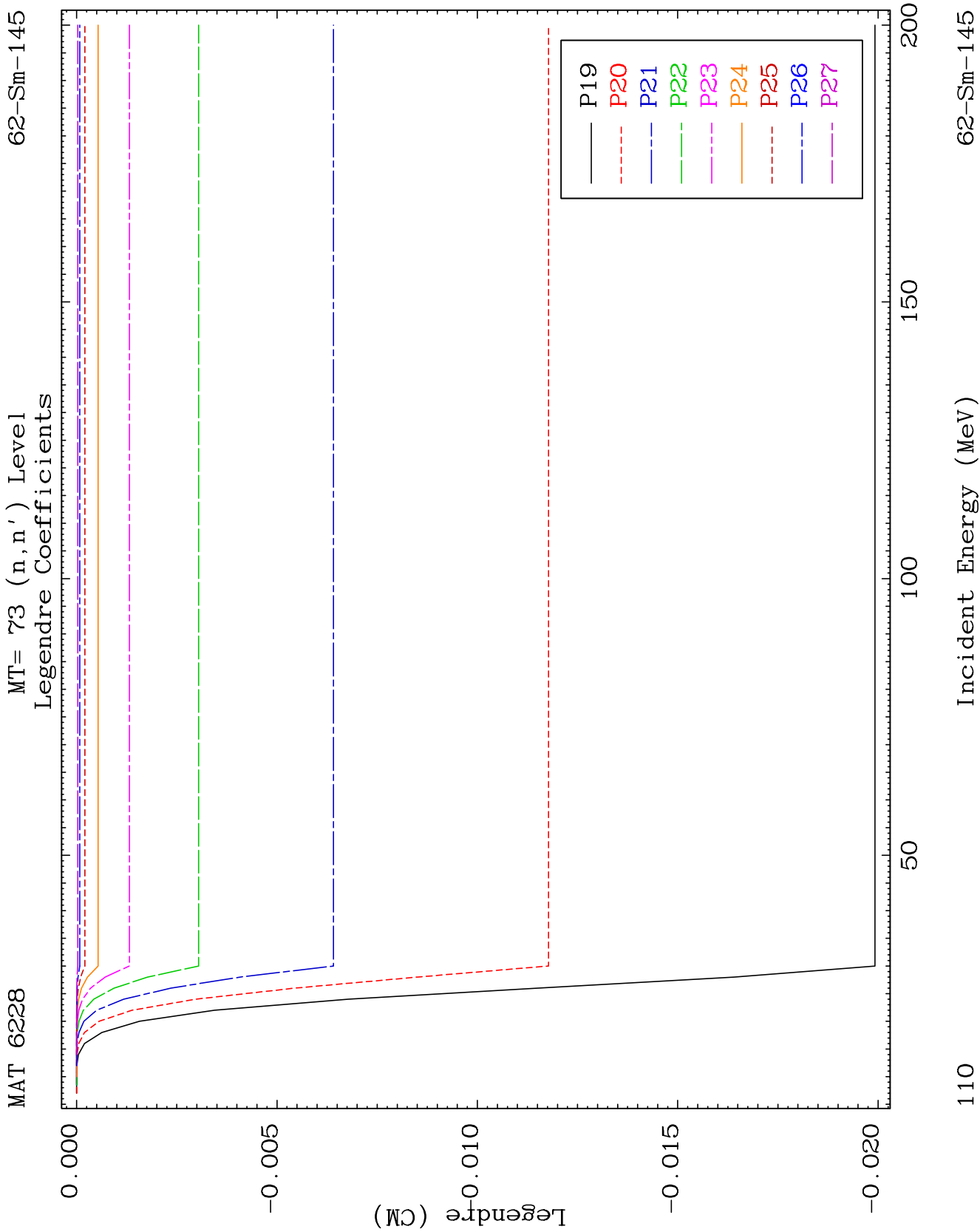


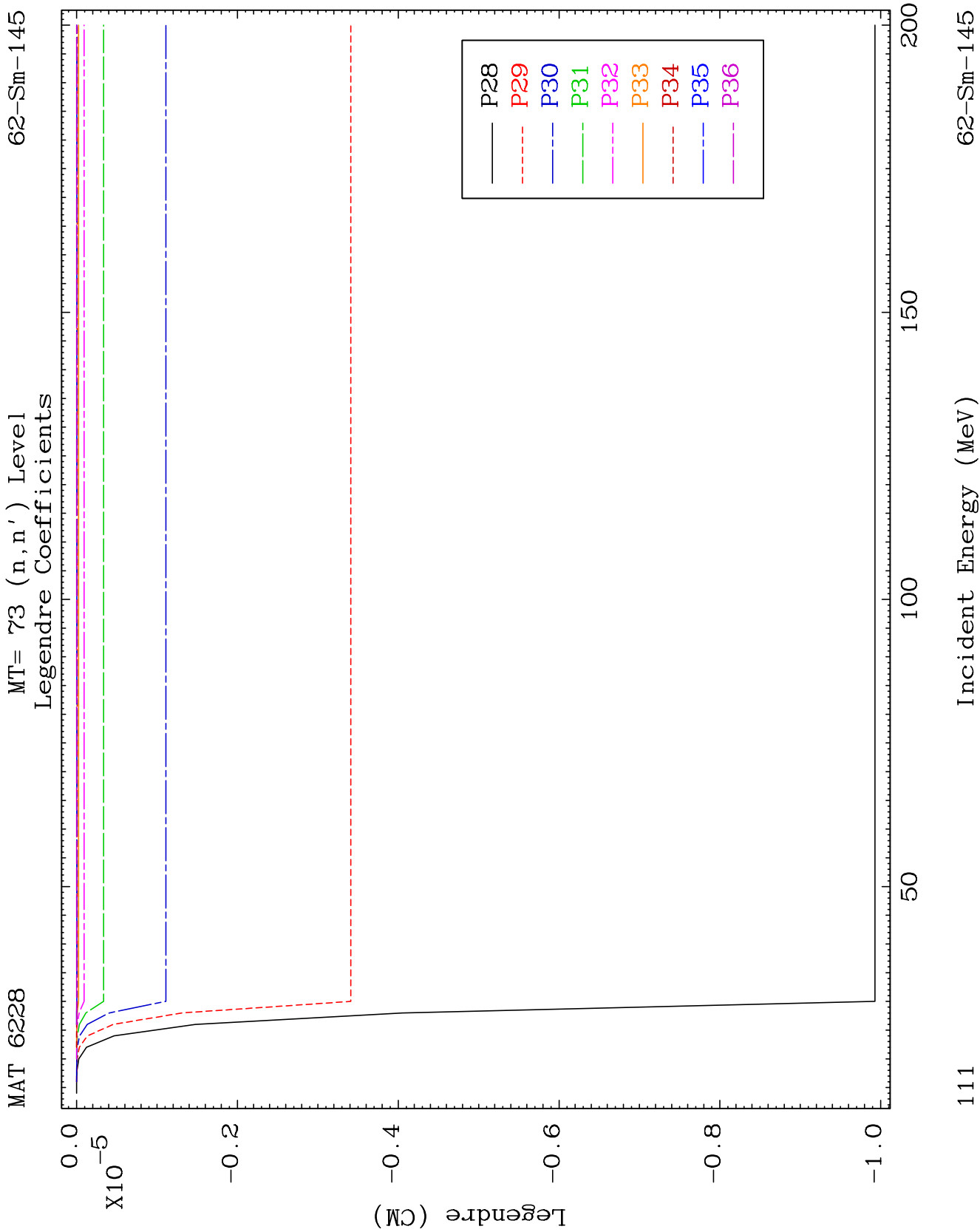
MAT 6228

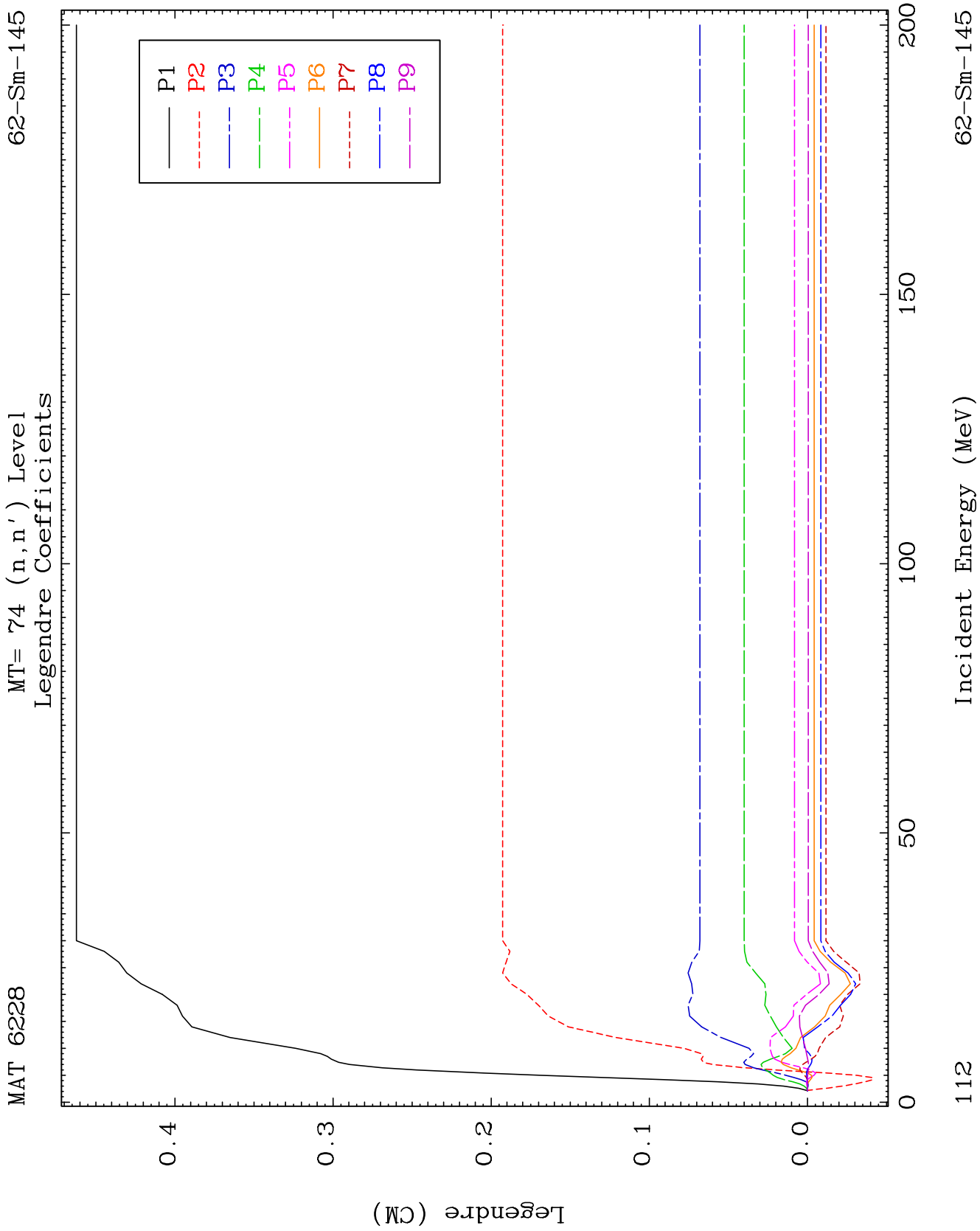
MT= 73 (n, n') Level
Legendre Coefficients

62-Sm-145





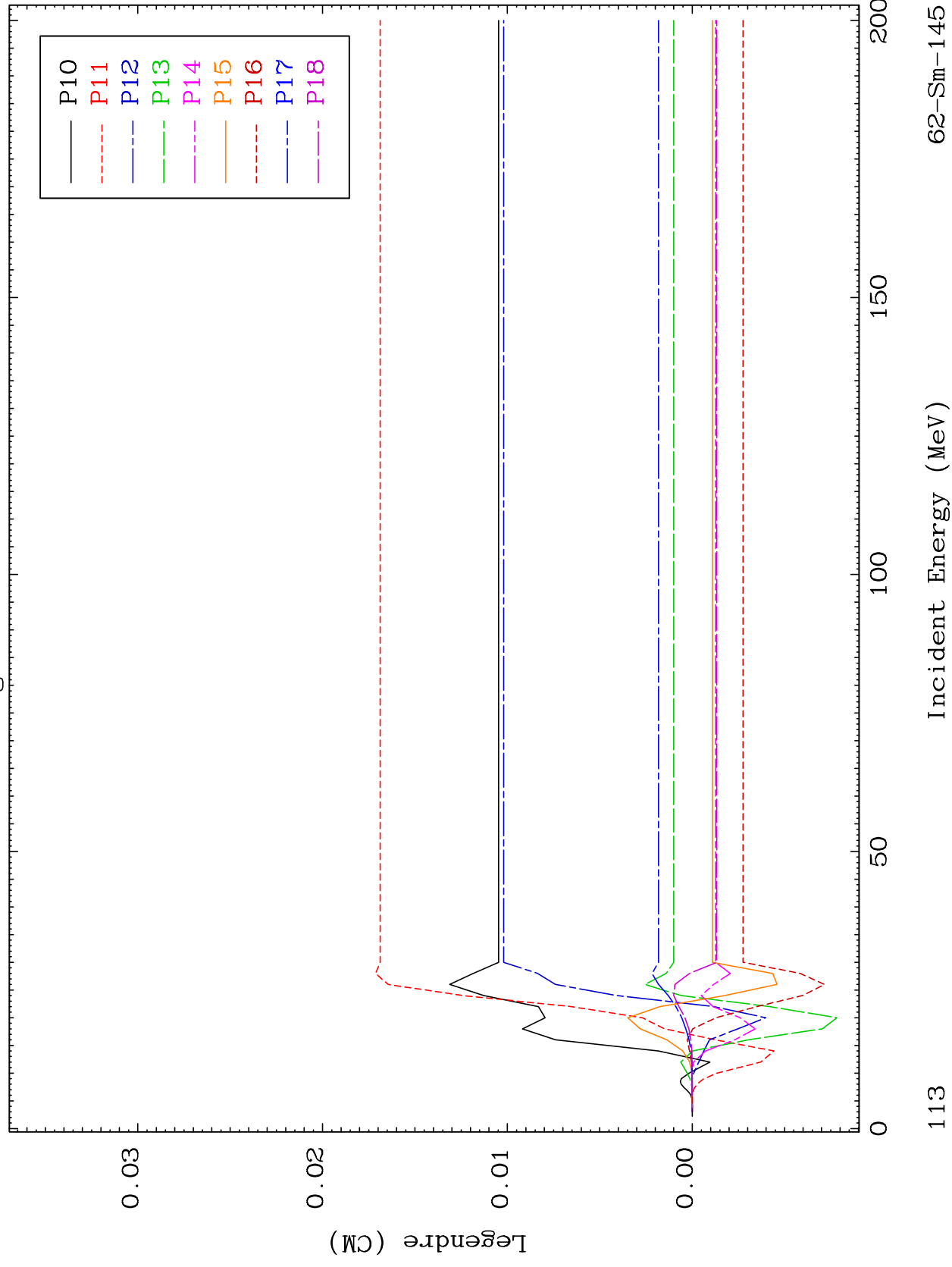




MAT 6228

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

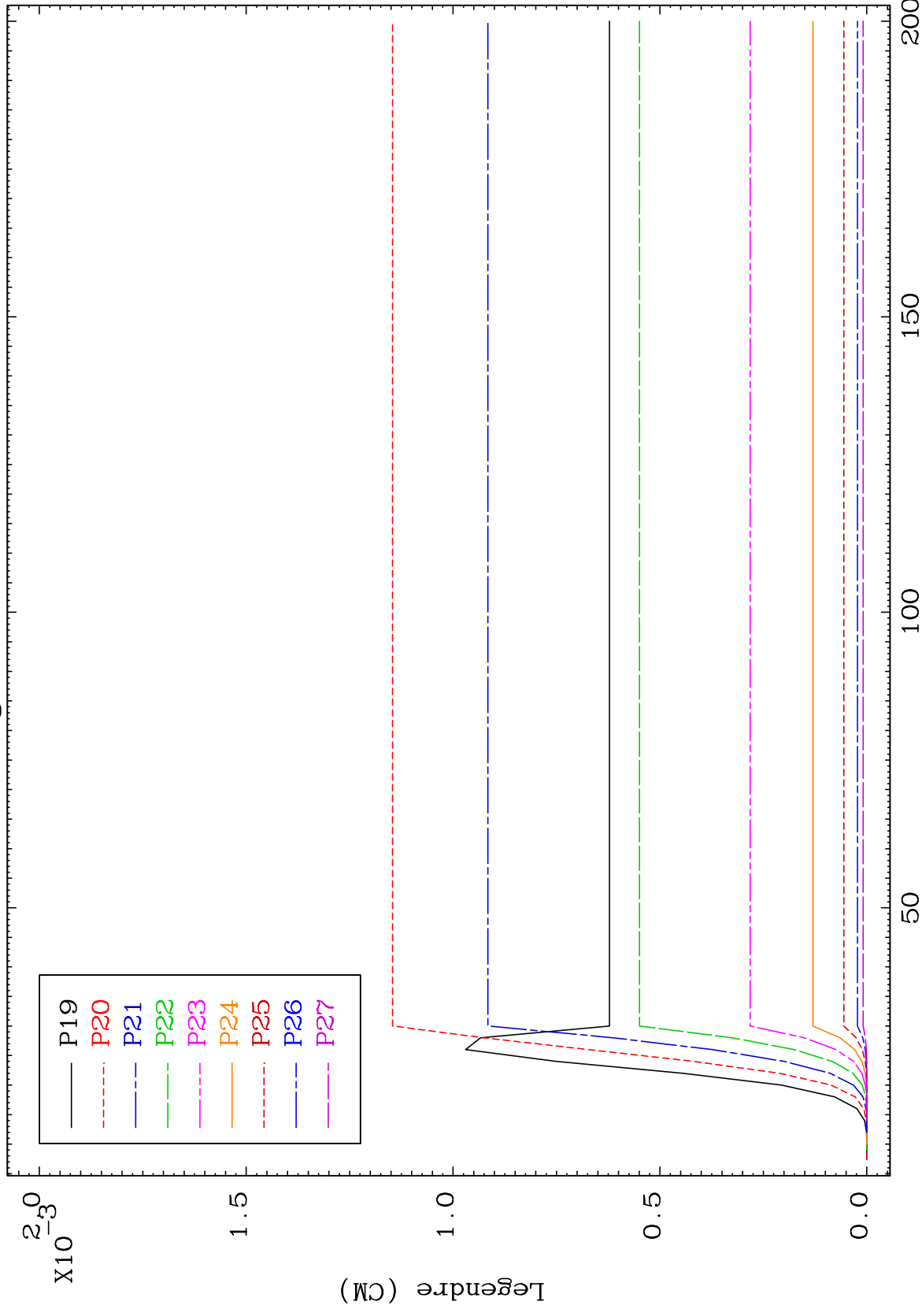
62-Sm-145



MAT 6228

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

62-Sm-145



114

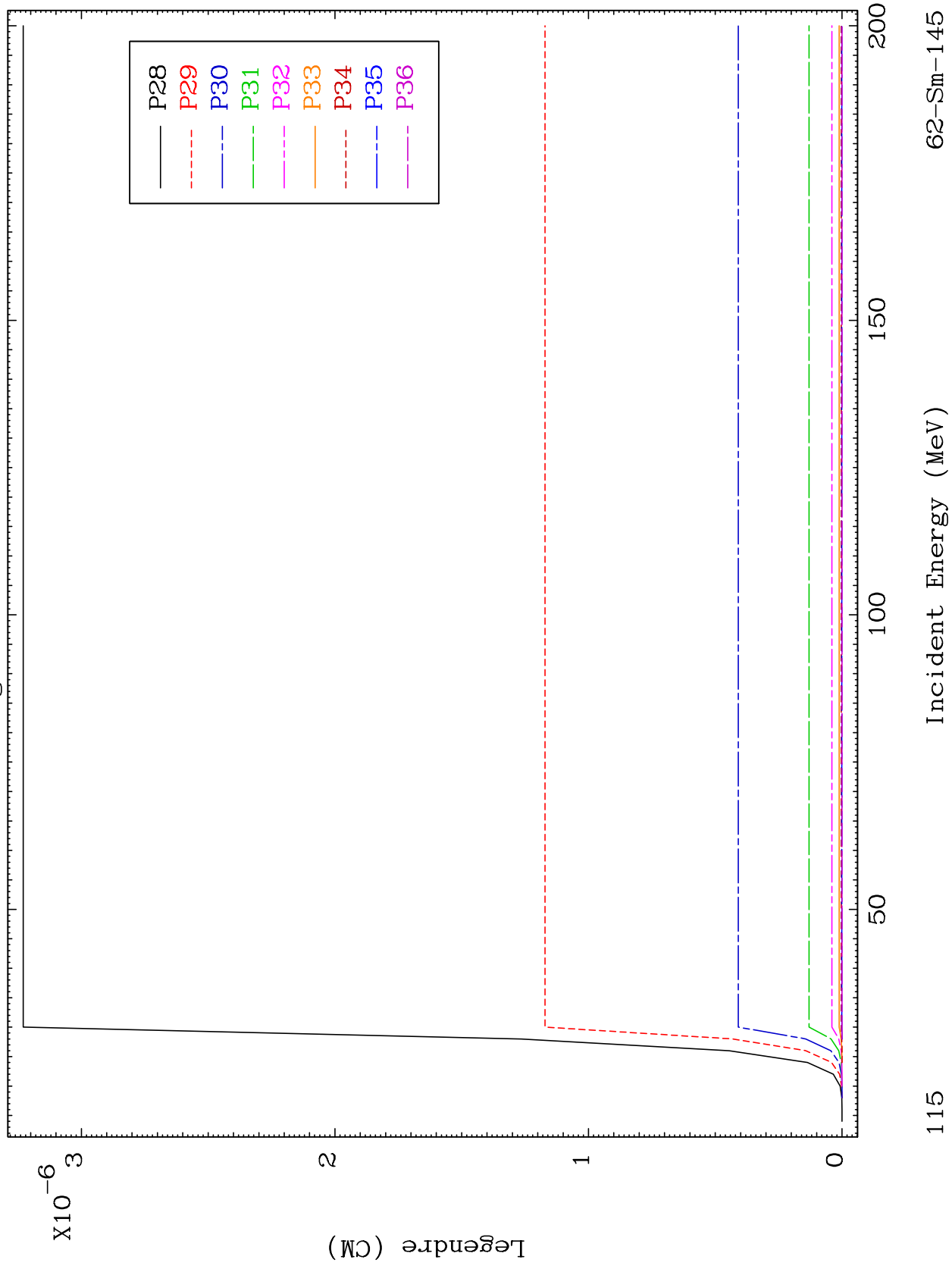
Incident Energy (MeV)

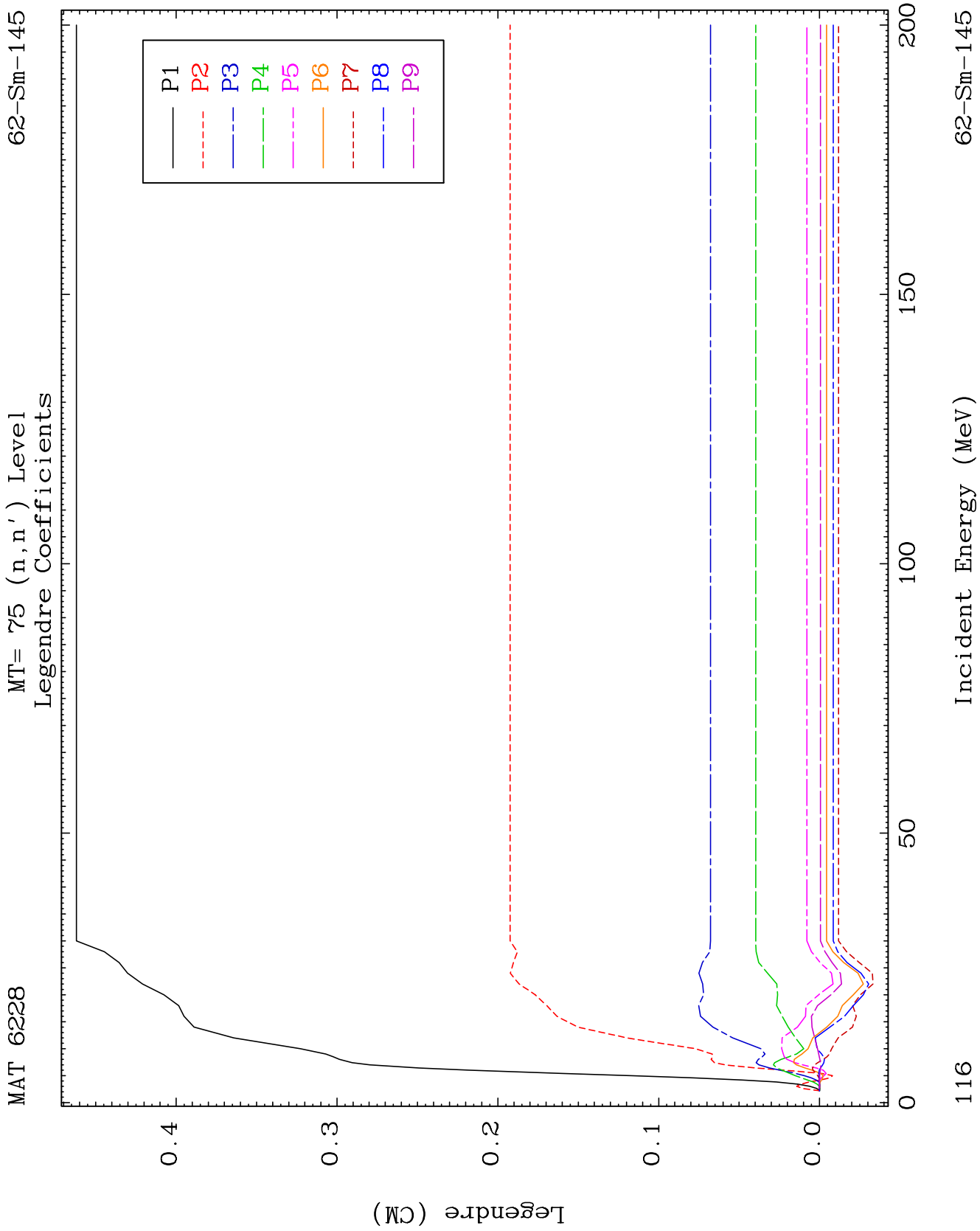
62-Sm-145

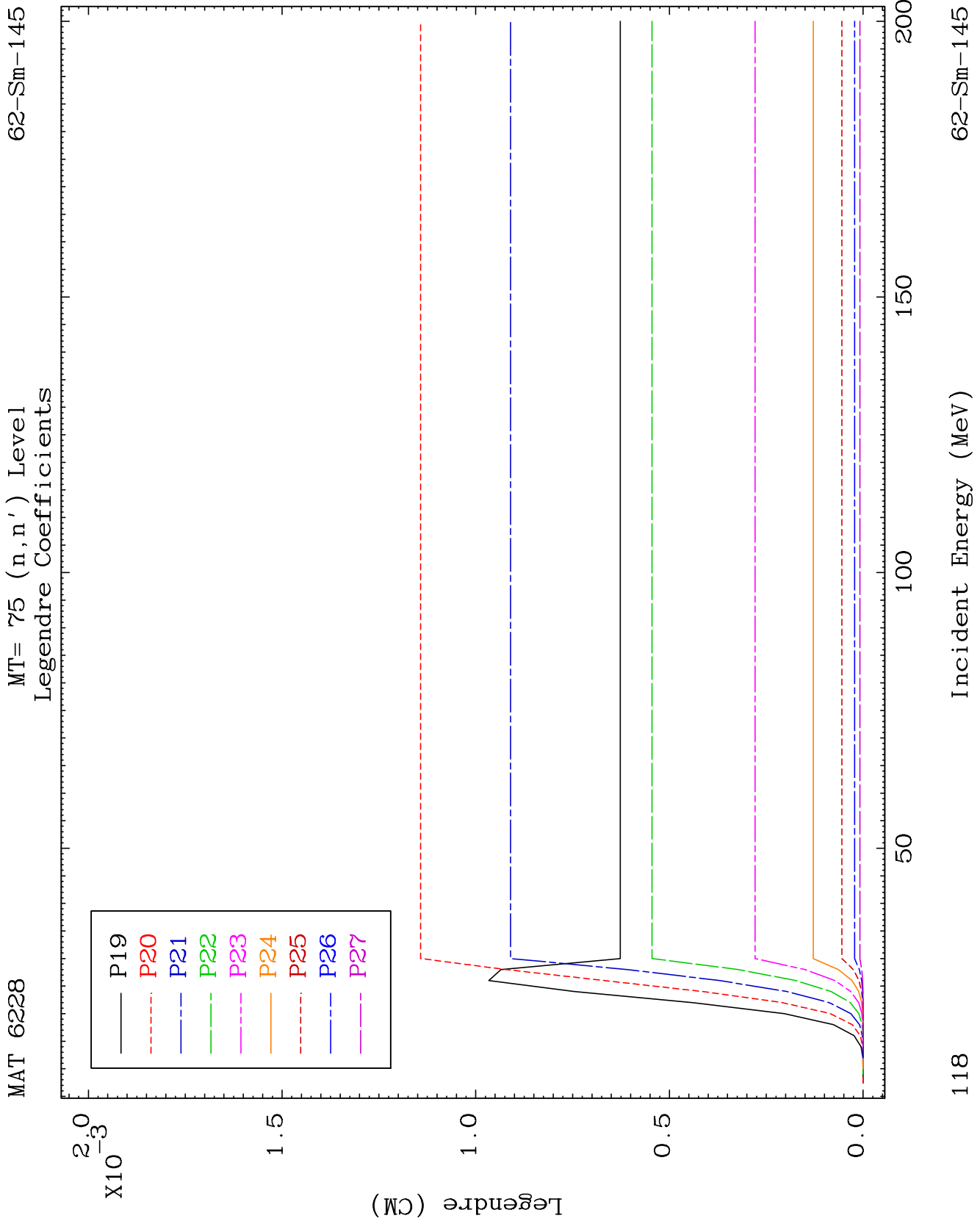
MAT 6228

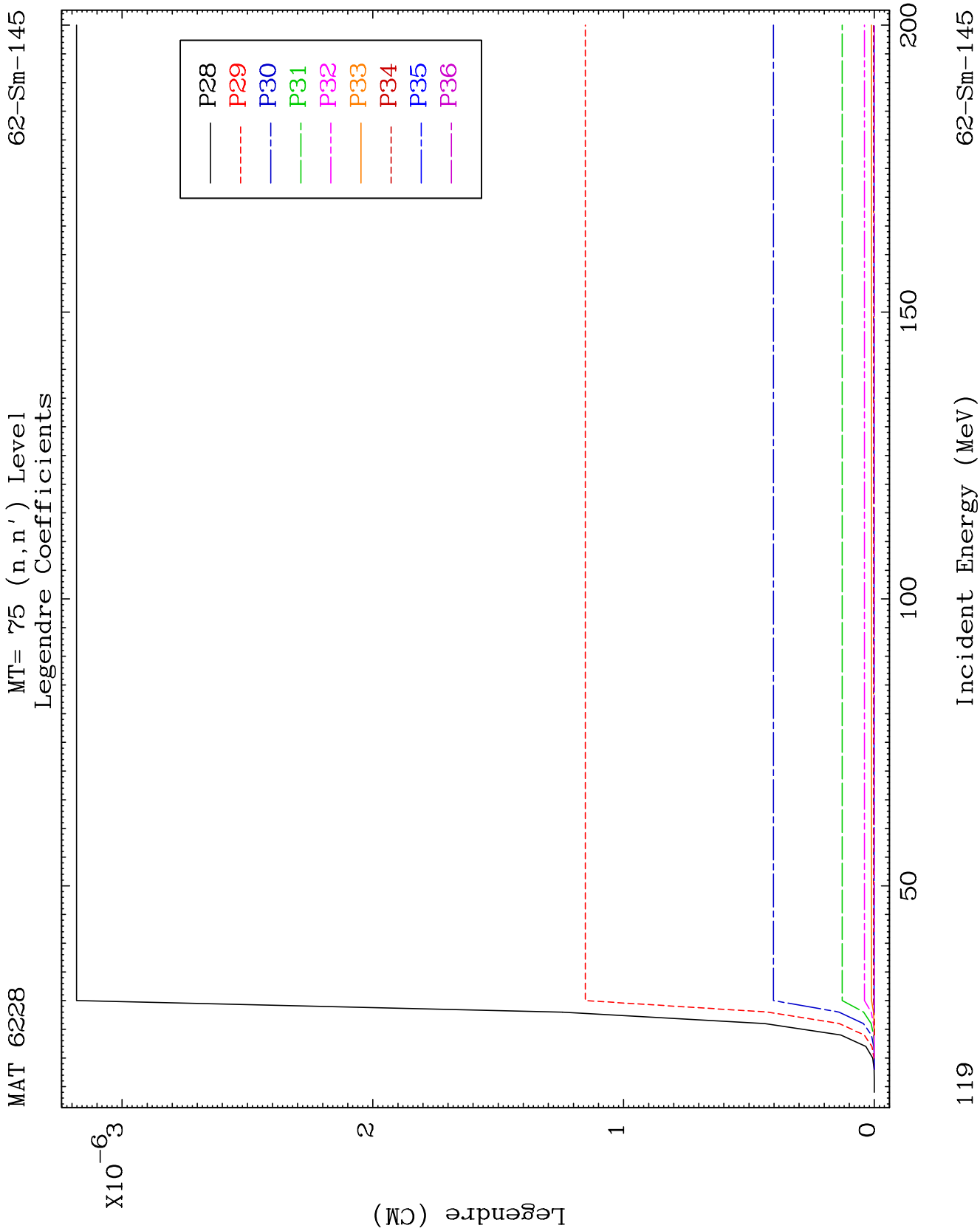
MT= 74 (n, n') Level
Legendre Coefficients

62-Sm-145





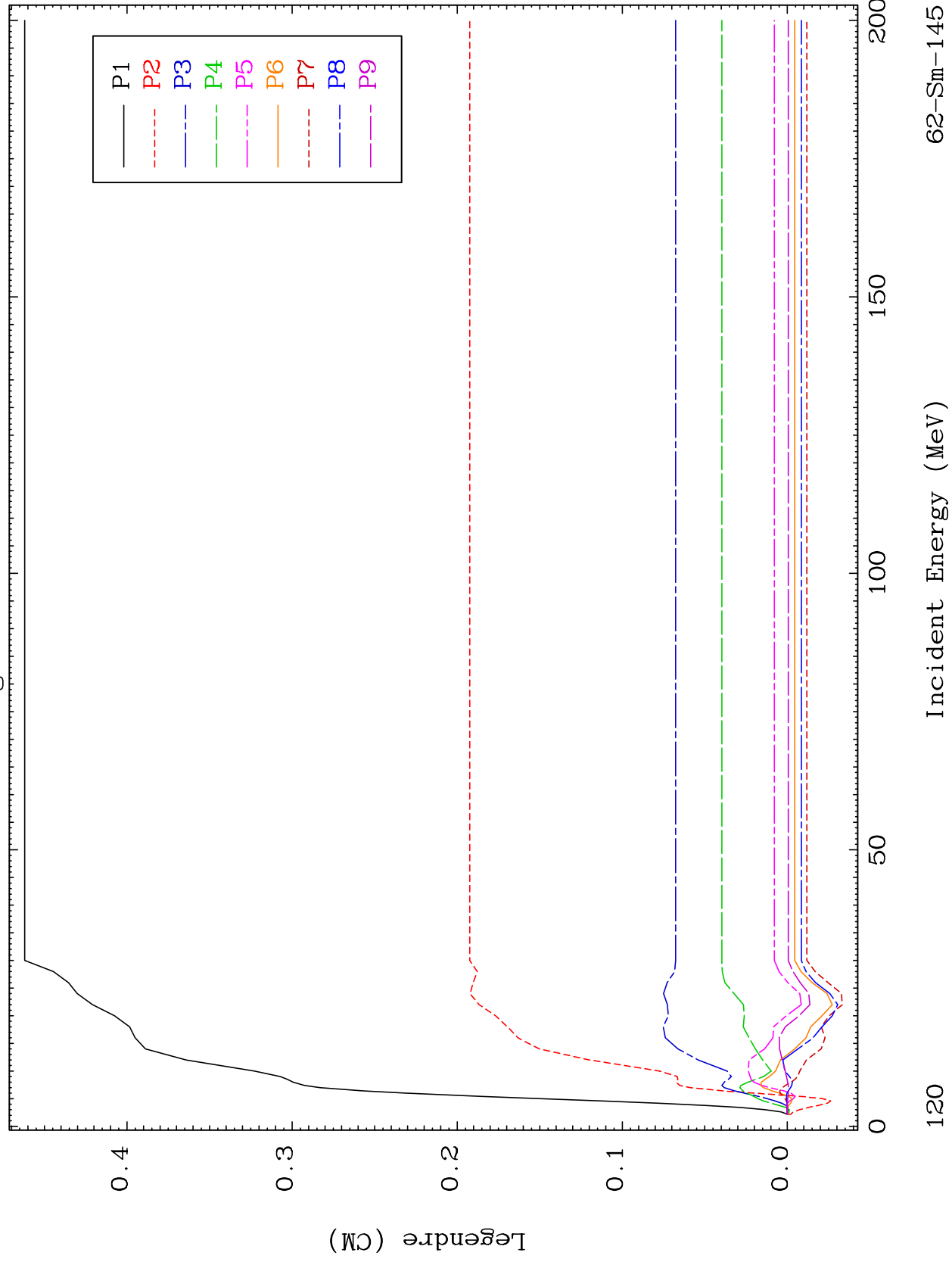




MAT 6228

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

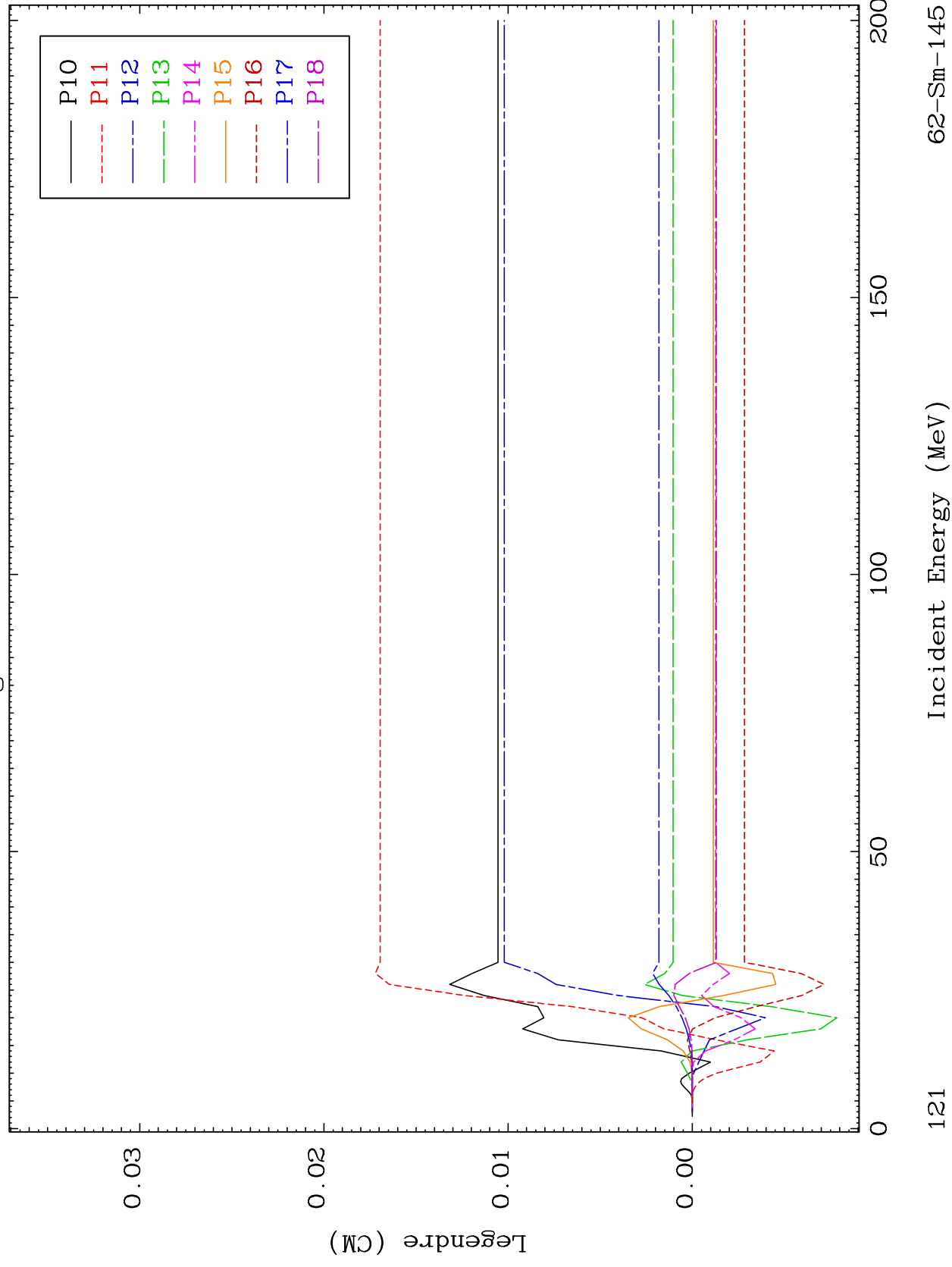
62-Sm-145



MAT 6228

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

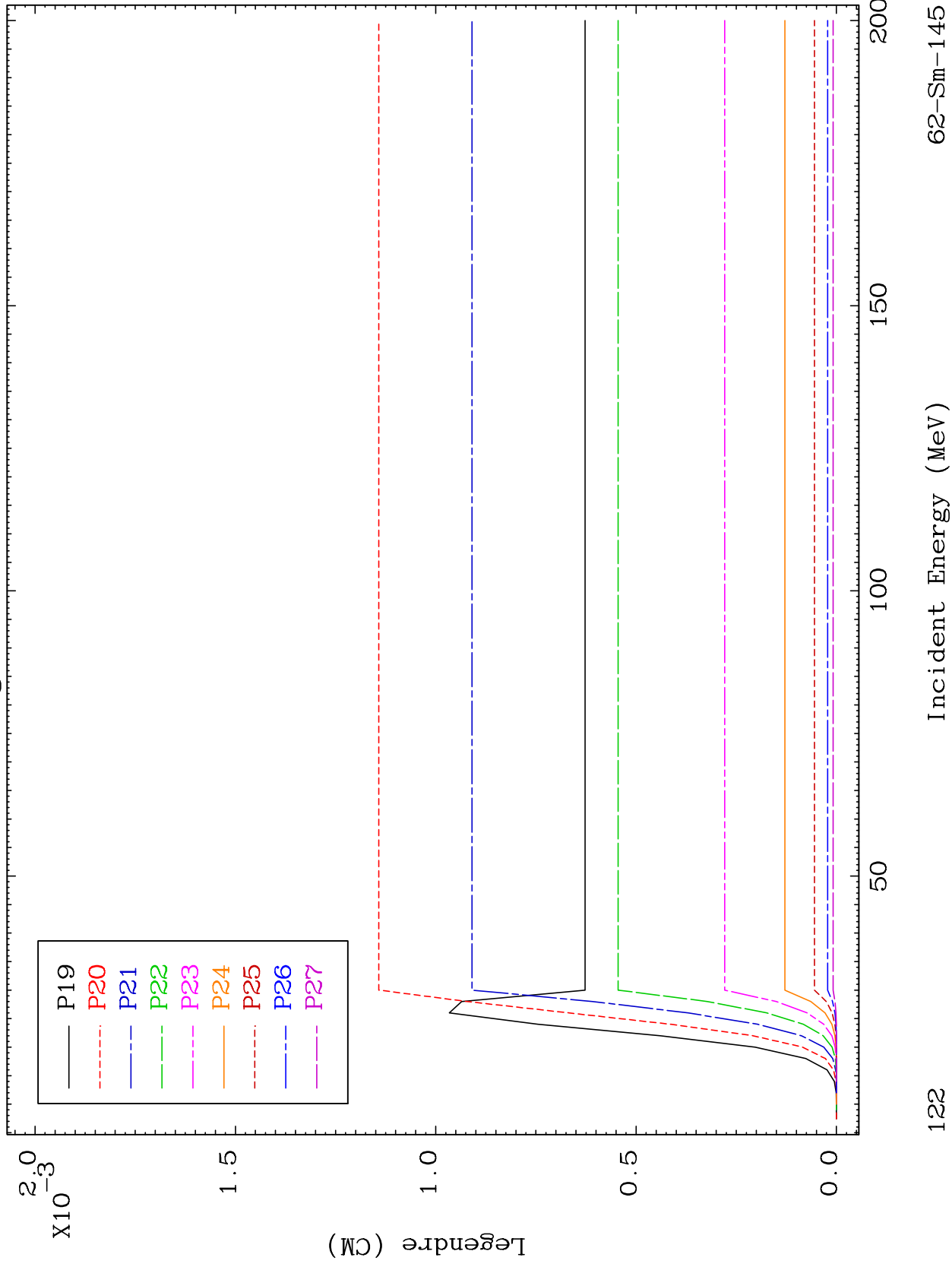
62-Sm-145



MAT 6228

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

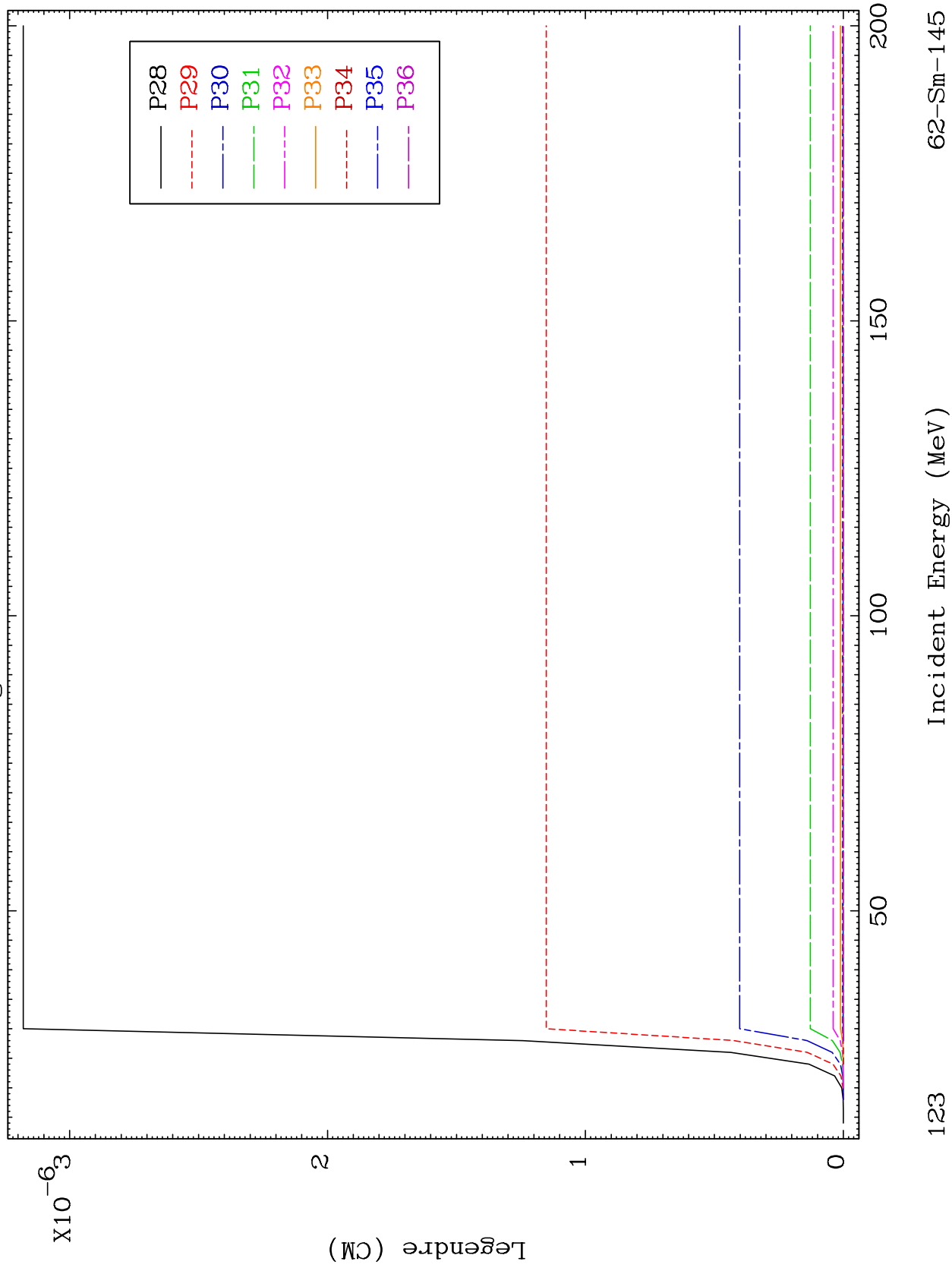
62-Sm-145

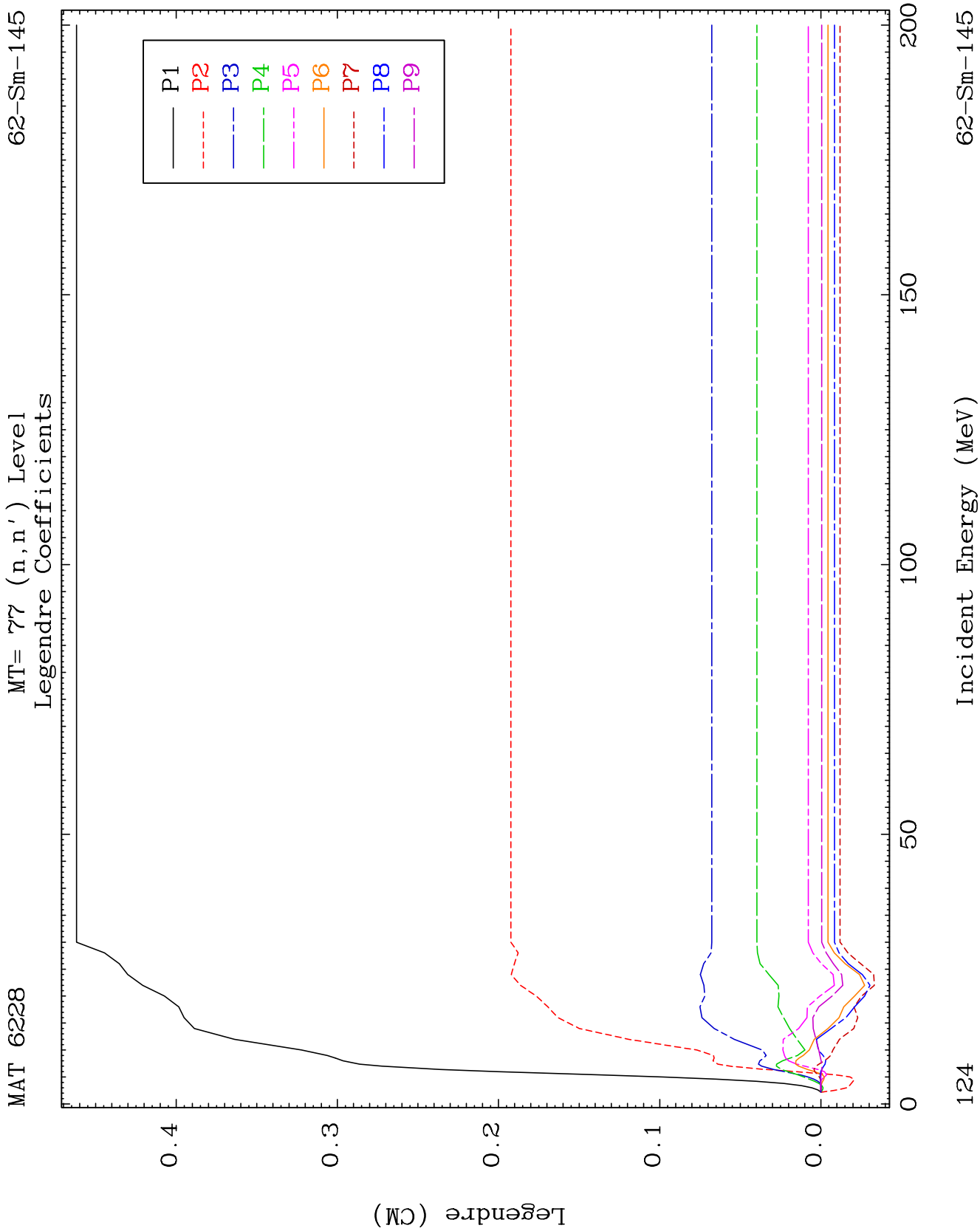


MAT 6228

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

62-Sm-145

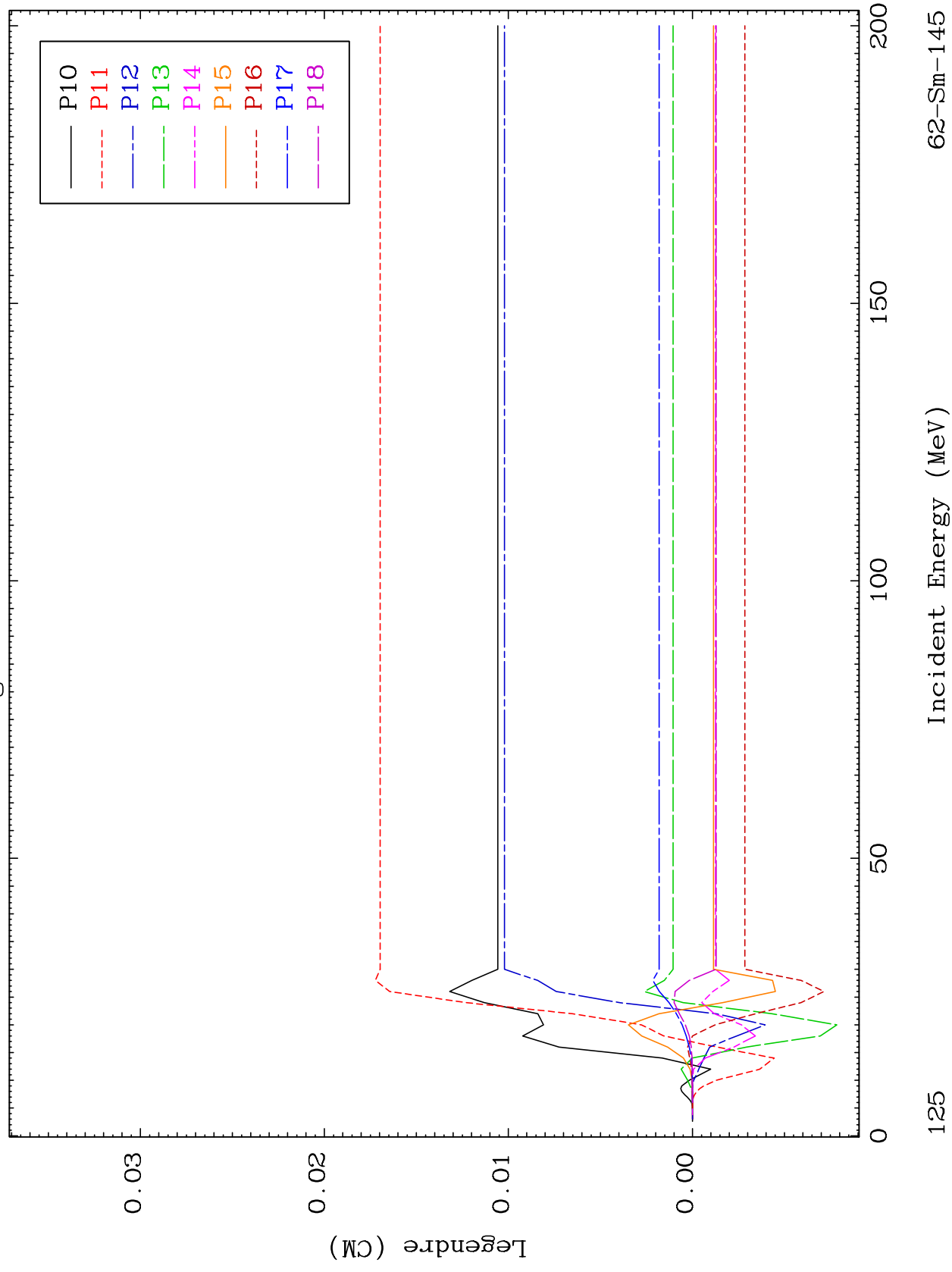




MAT 6228

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

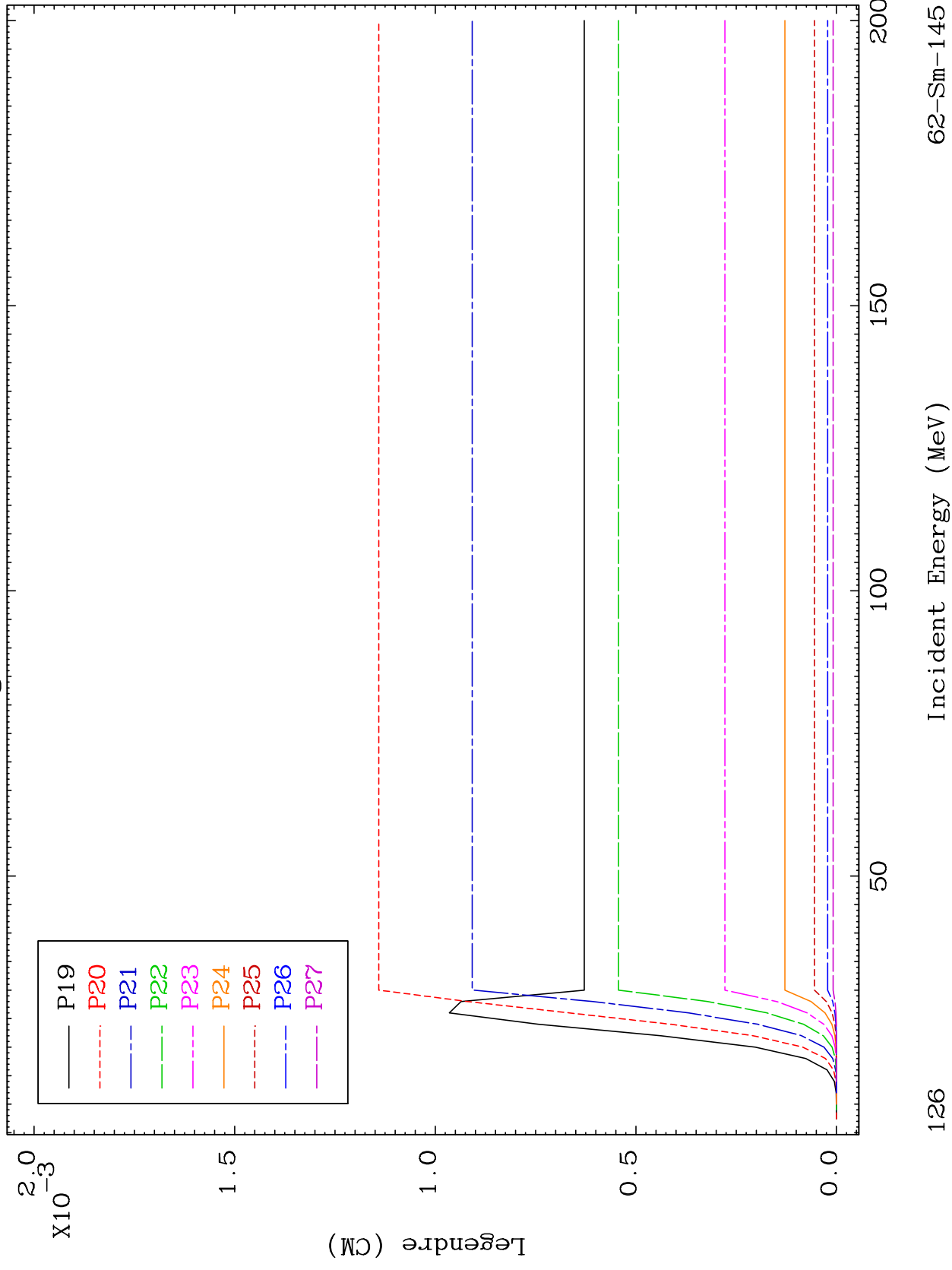
62-Sm-145

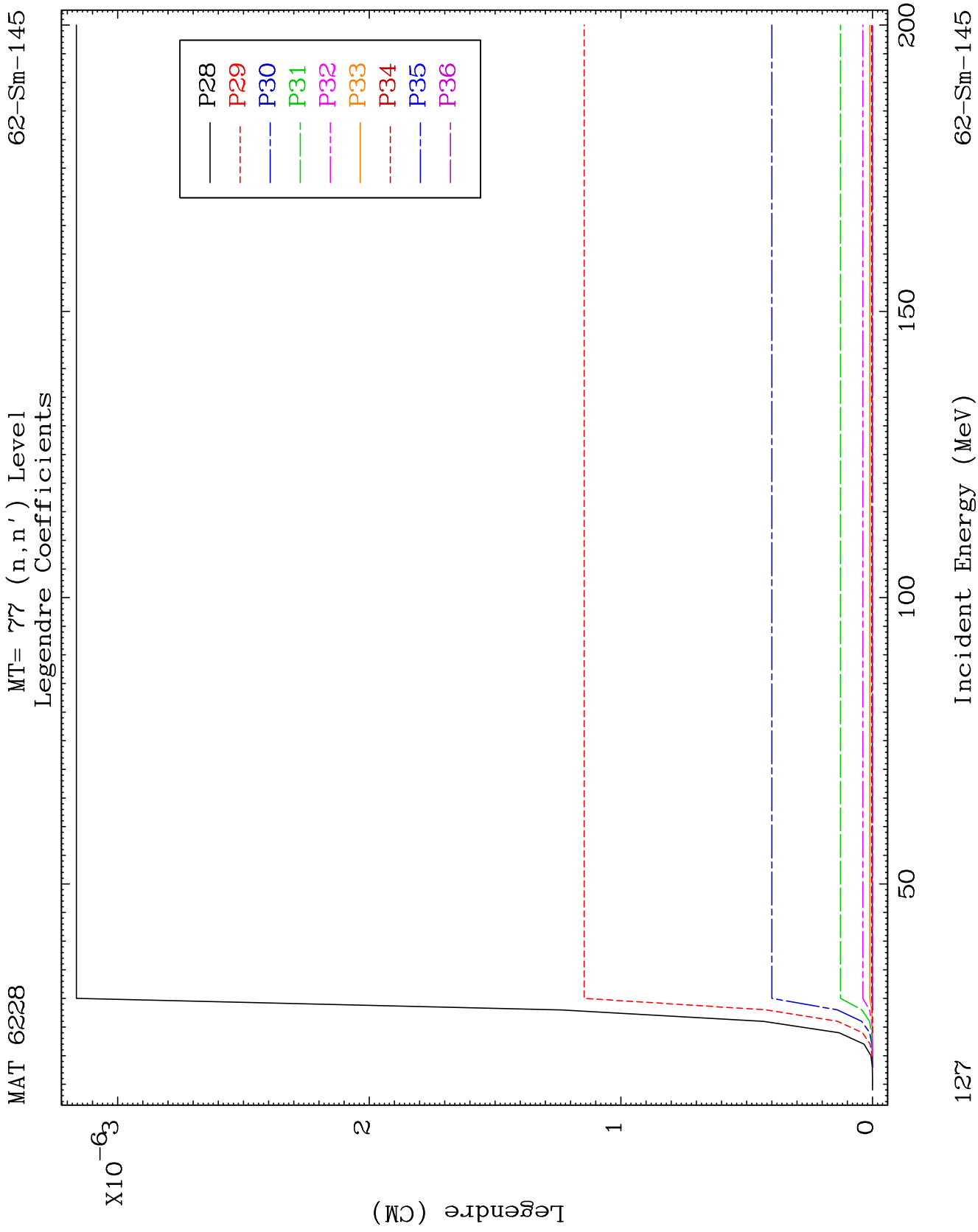


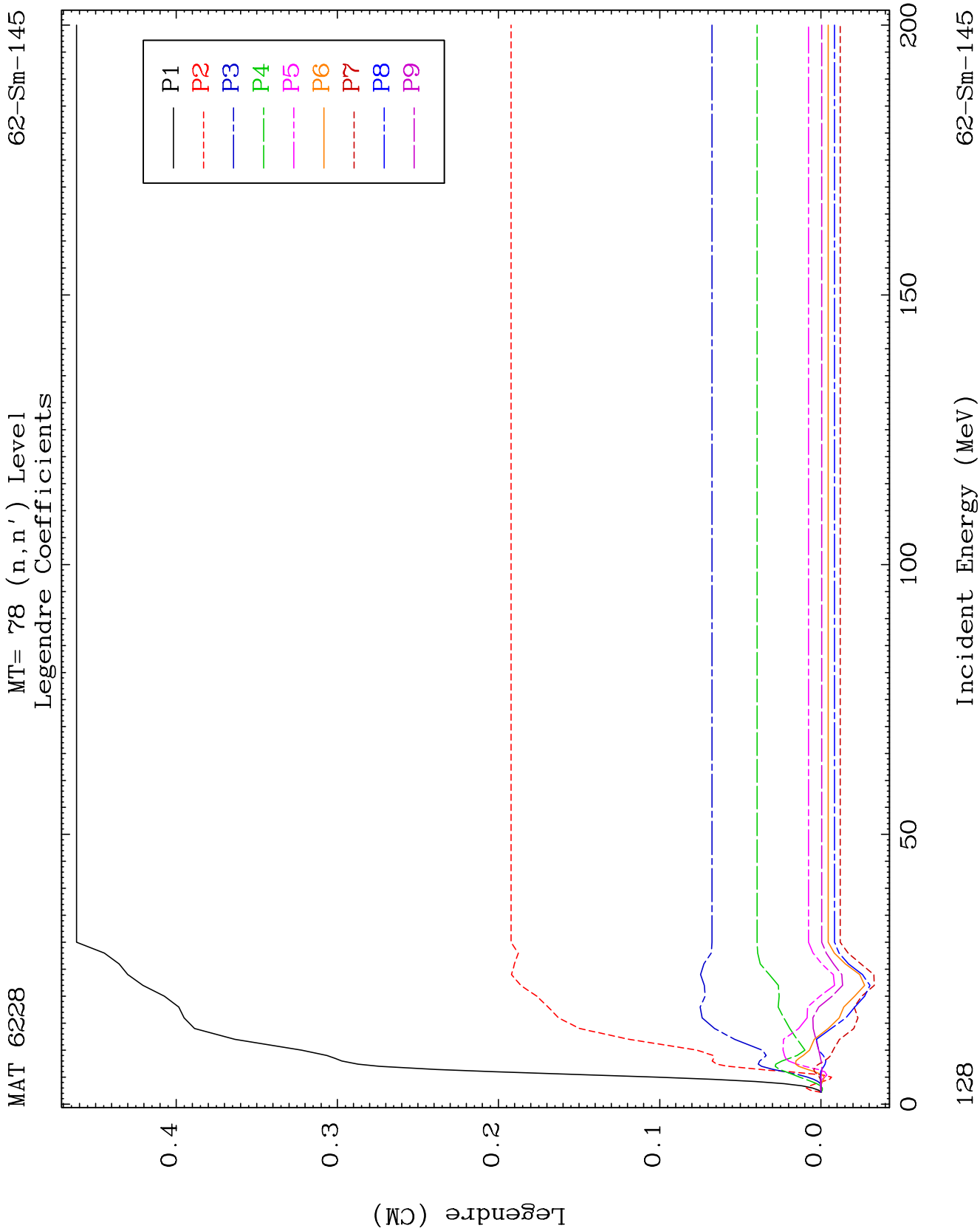
MAT 6228

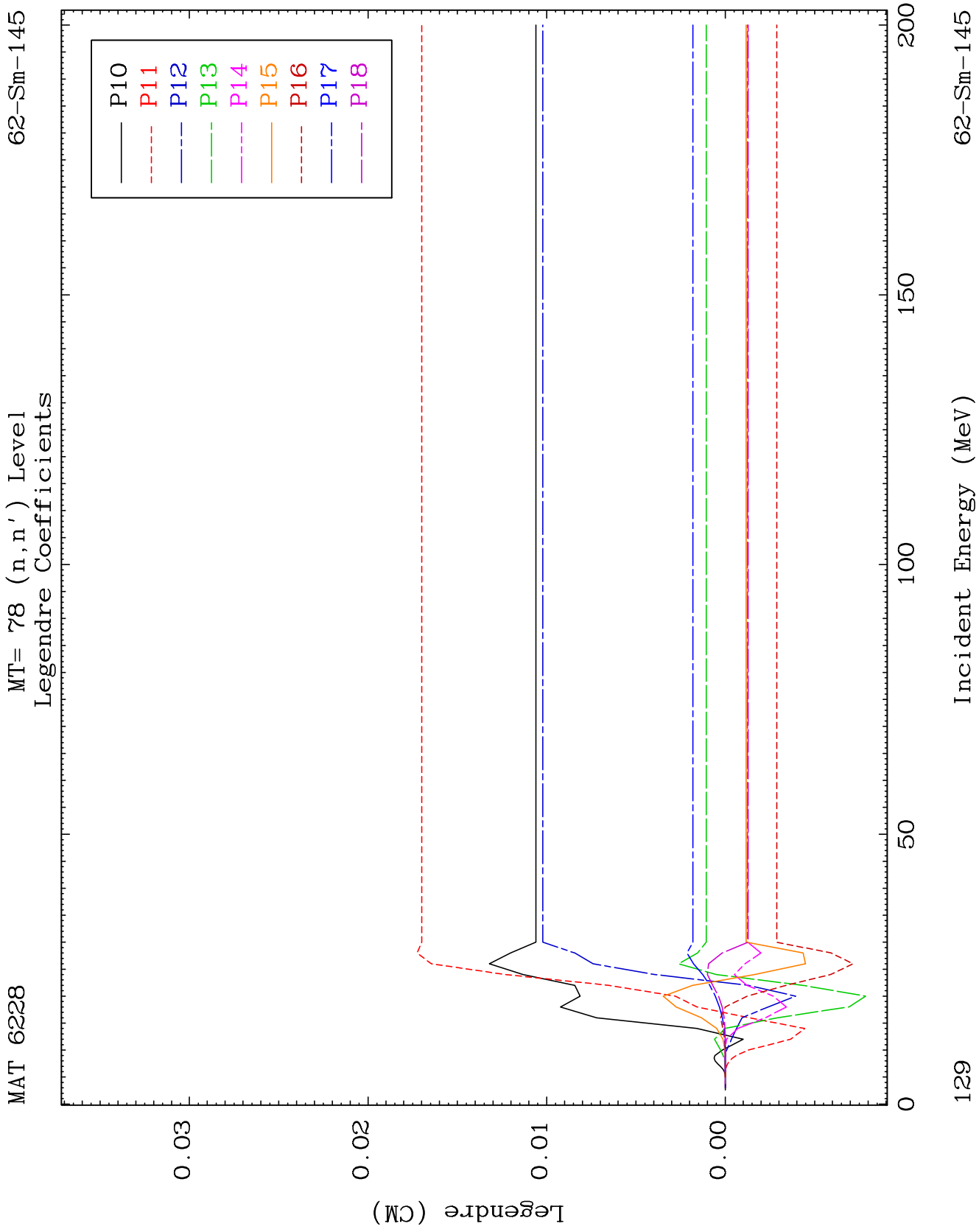
MT= 77 (n, n') Level
Legendre Coefficients

62-Sm-145





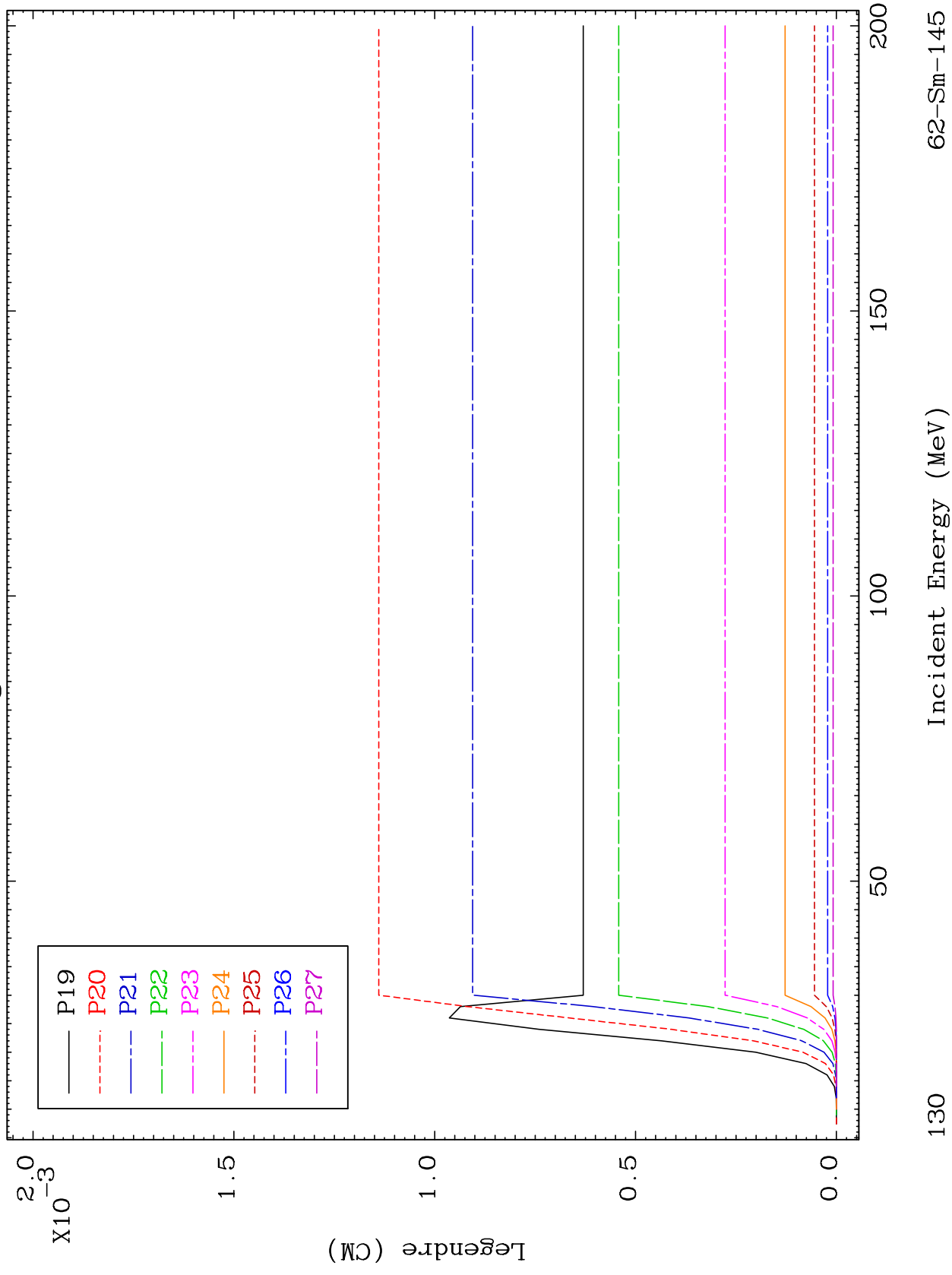


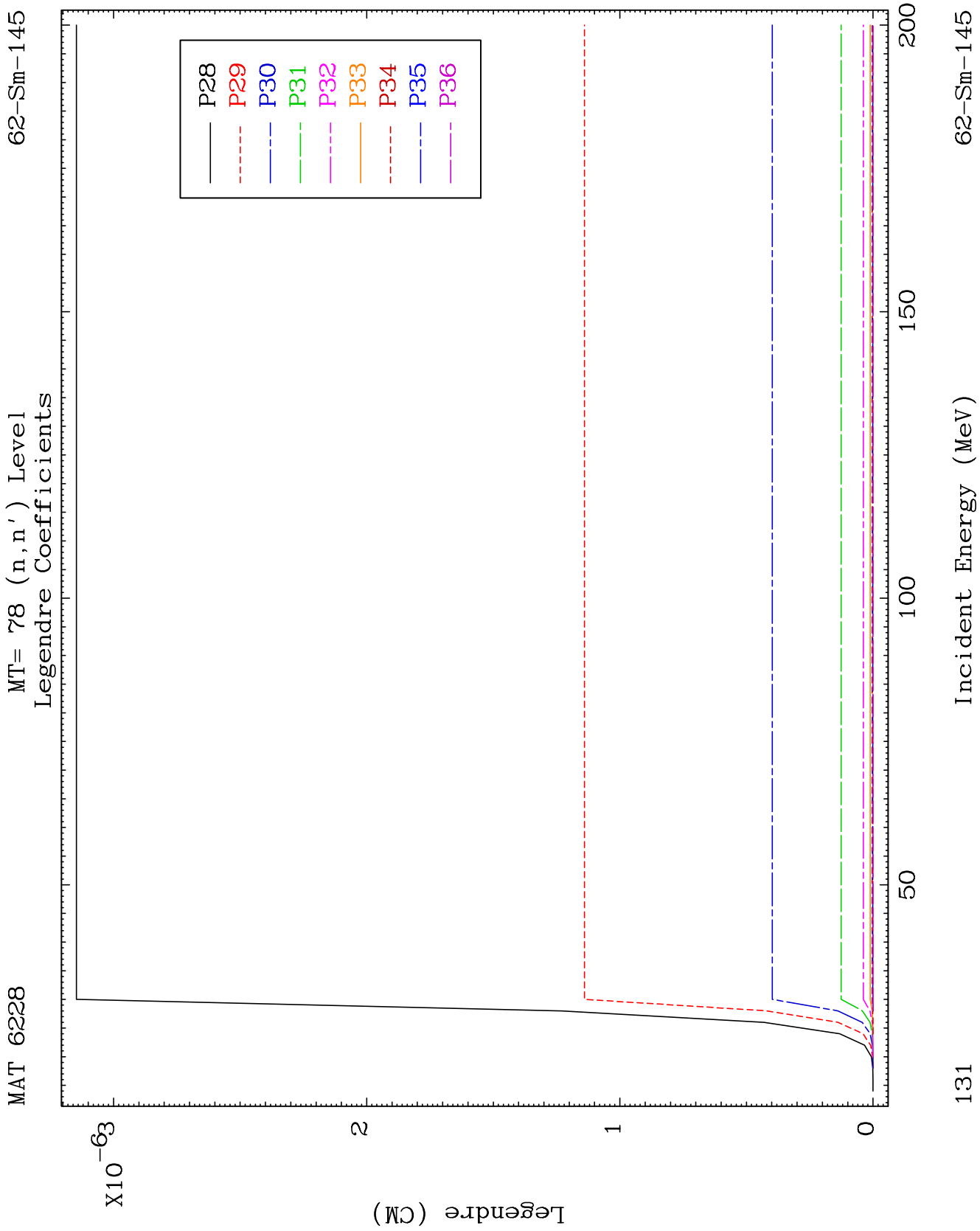


MAT 6228

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

62-Sm-145

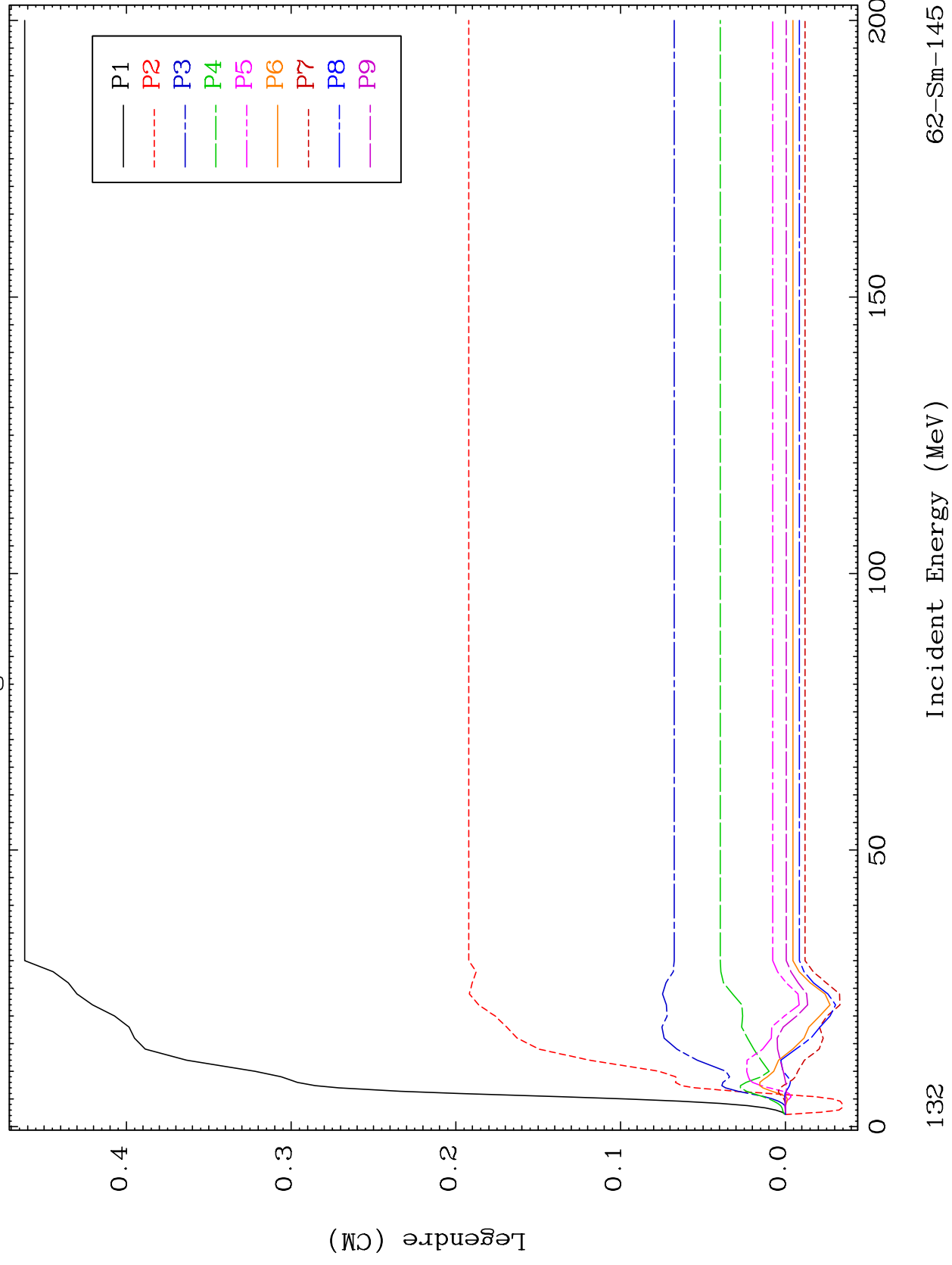




MAT 6228

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

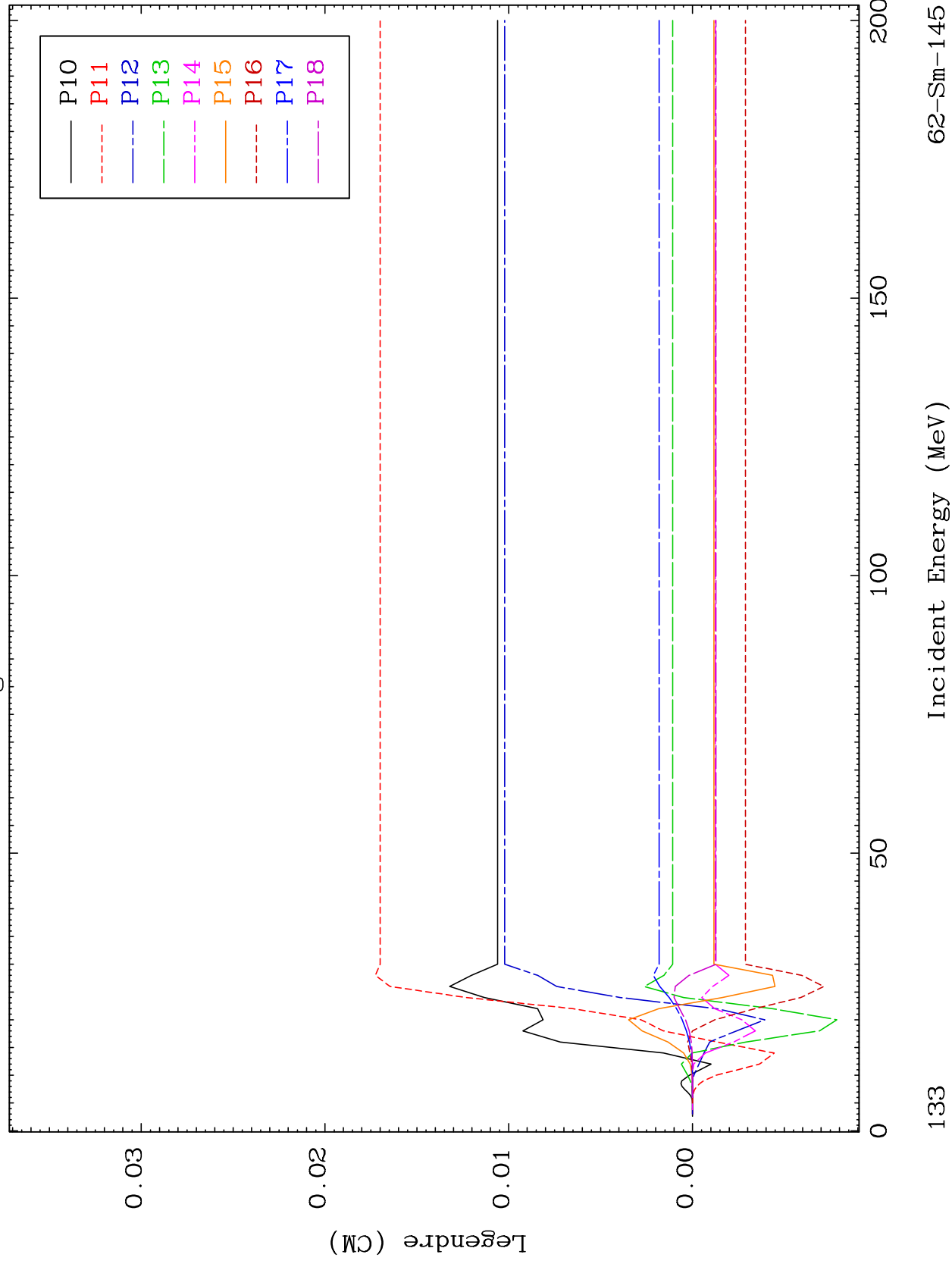
62-Sm-145

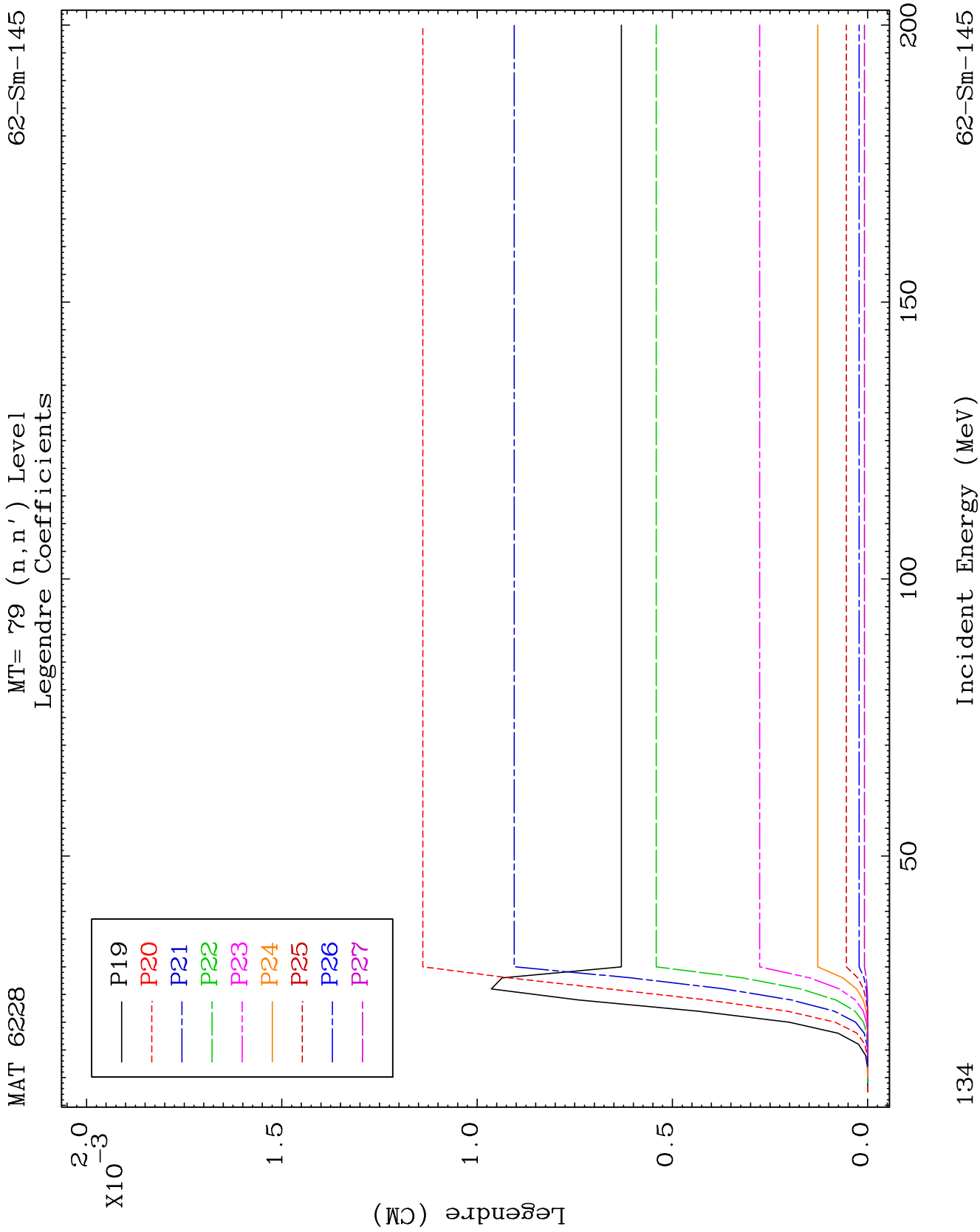


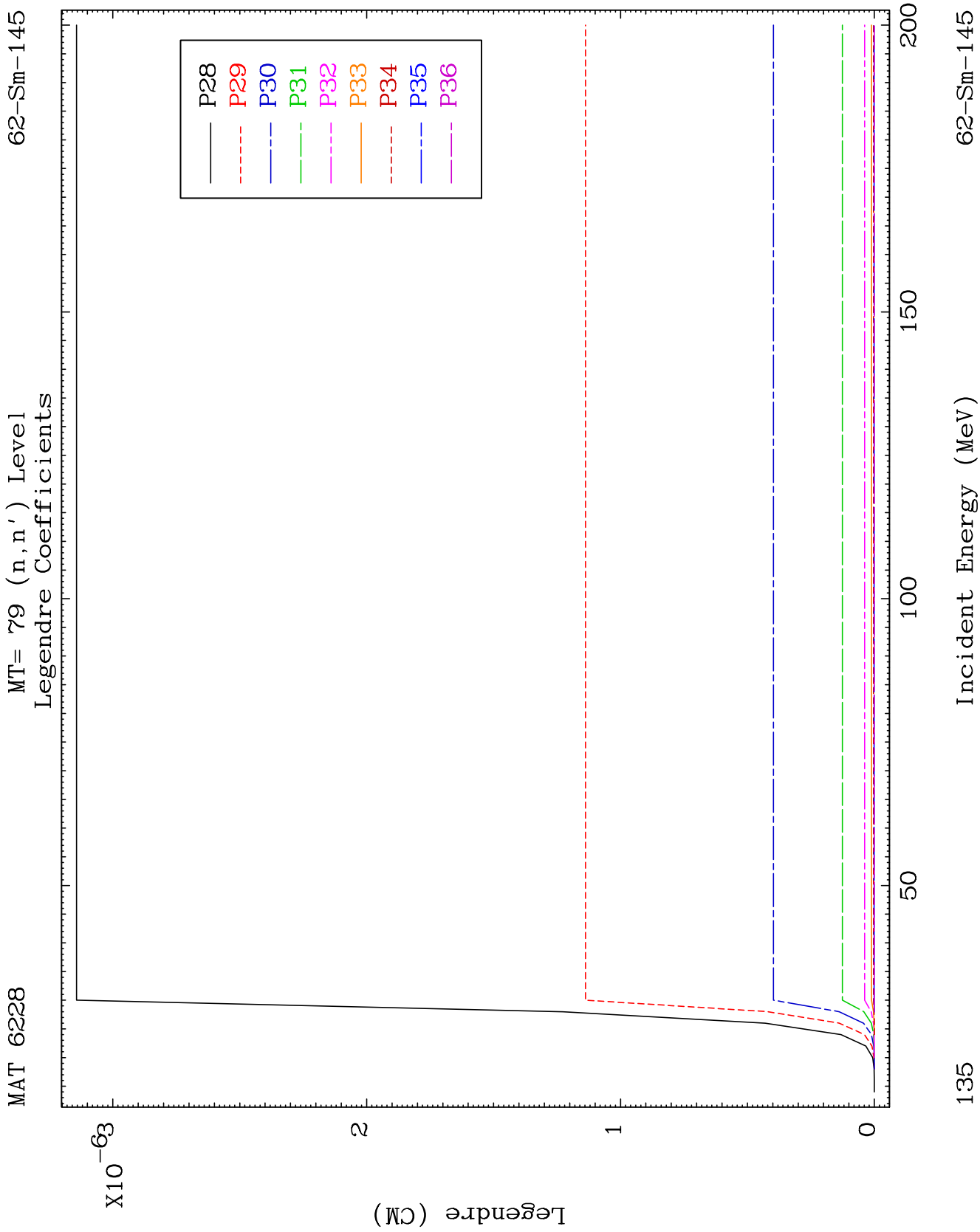
MAT 6228

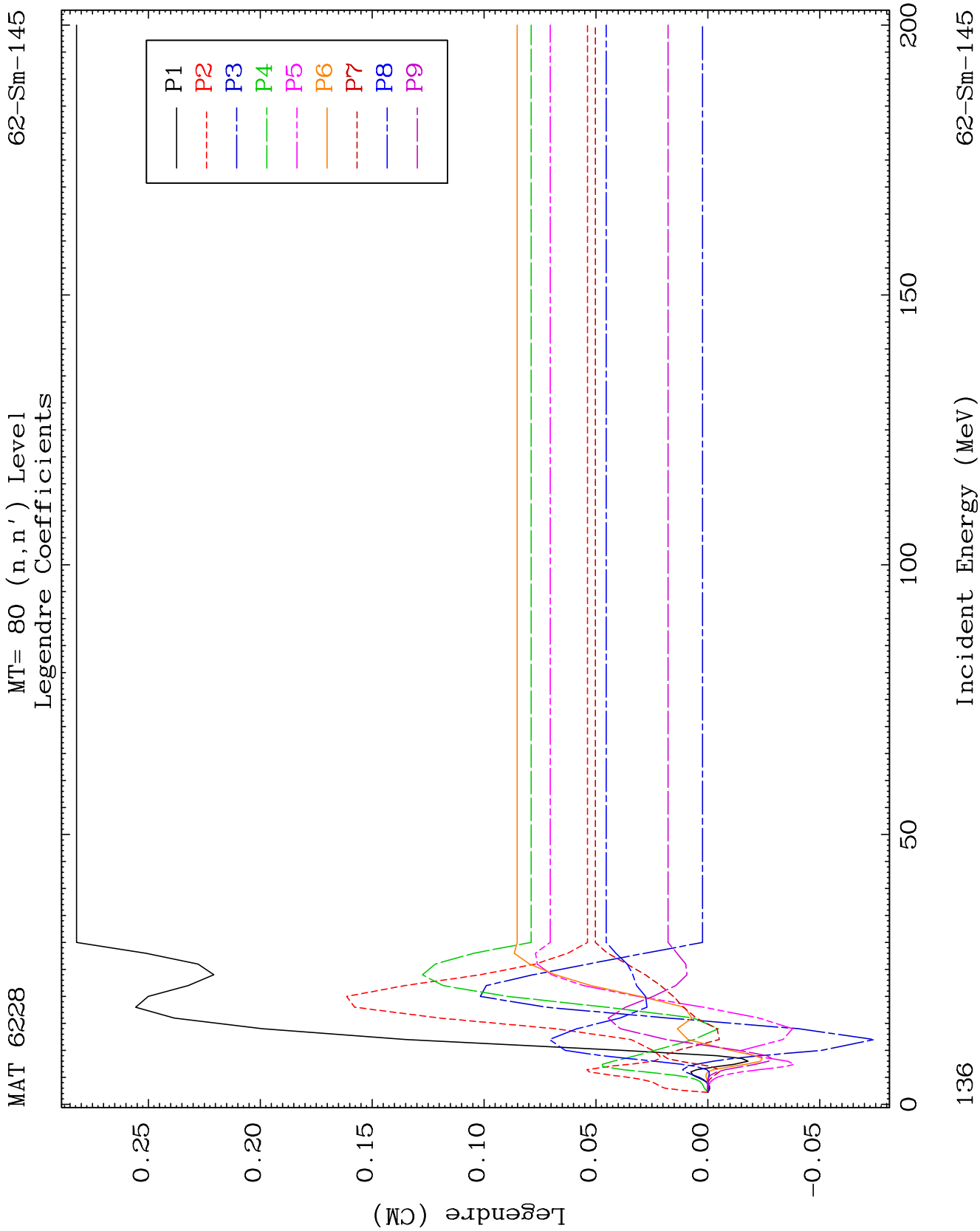
MT= 79 (n, n') Level
Legendre Coefficients

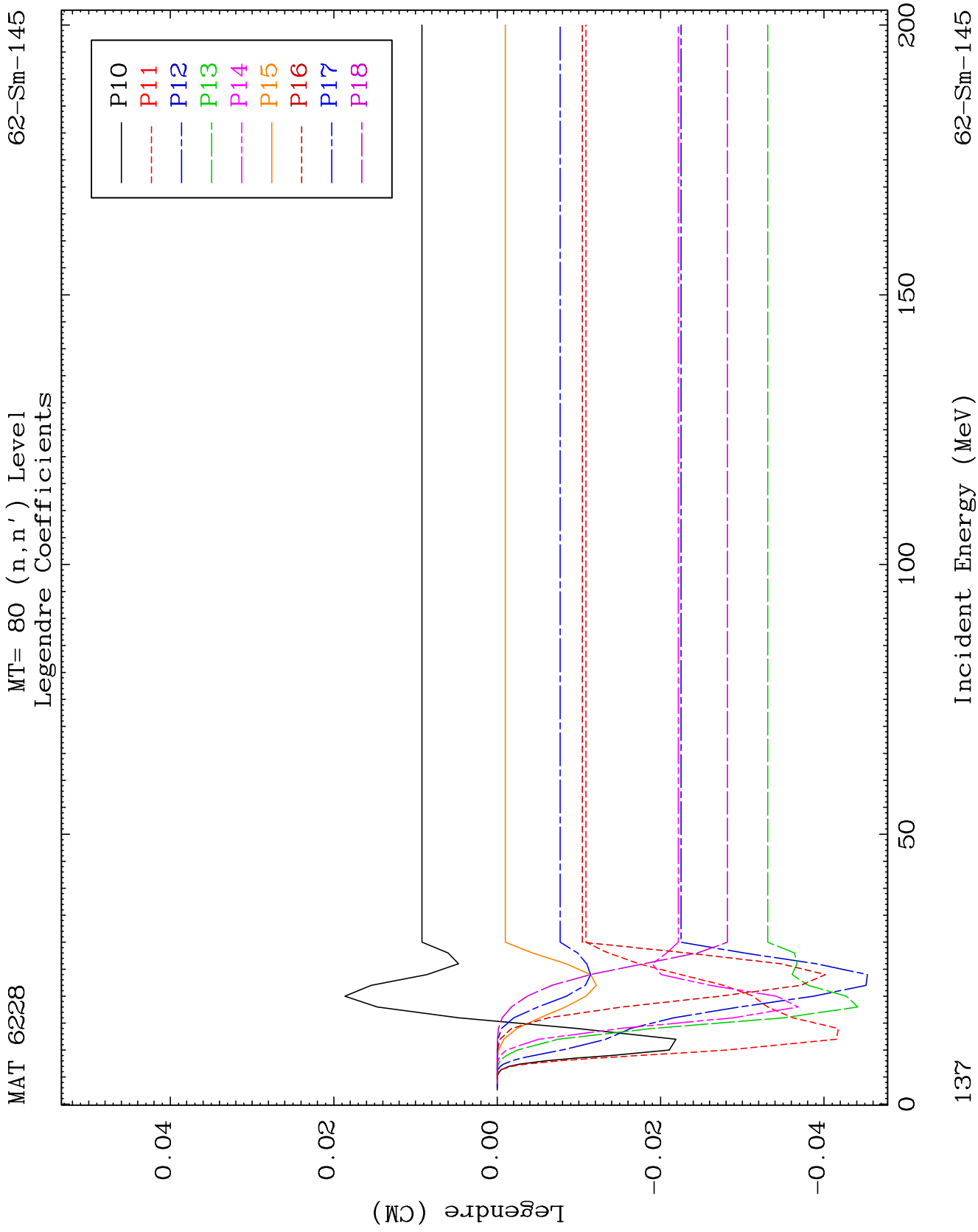
62-Sm-145

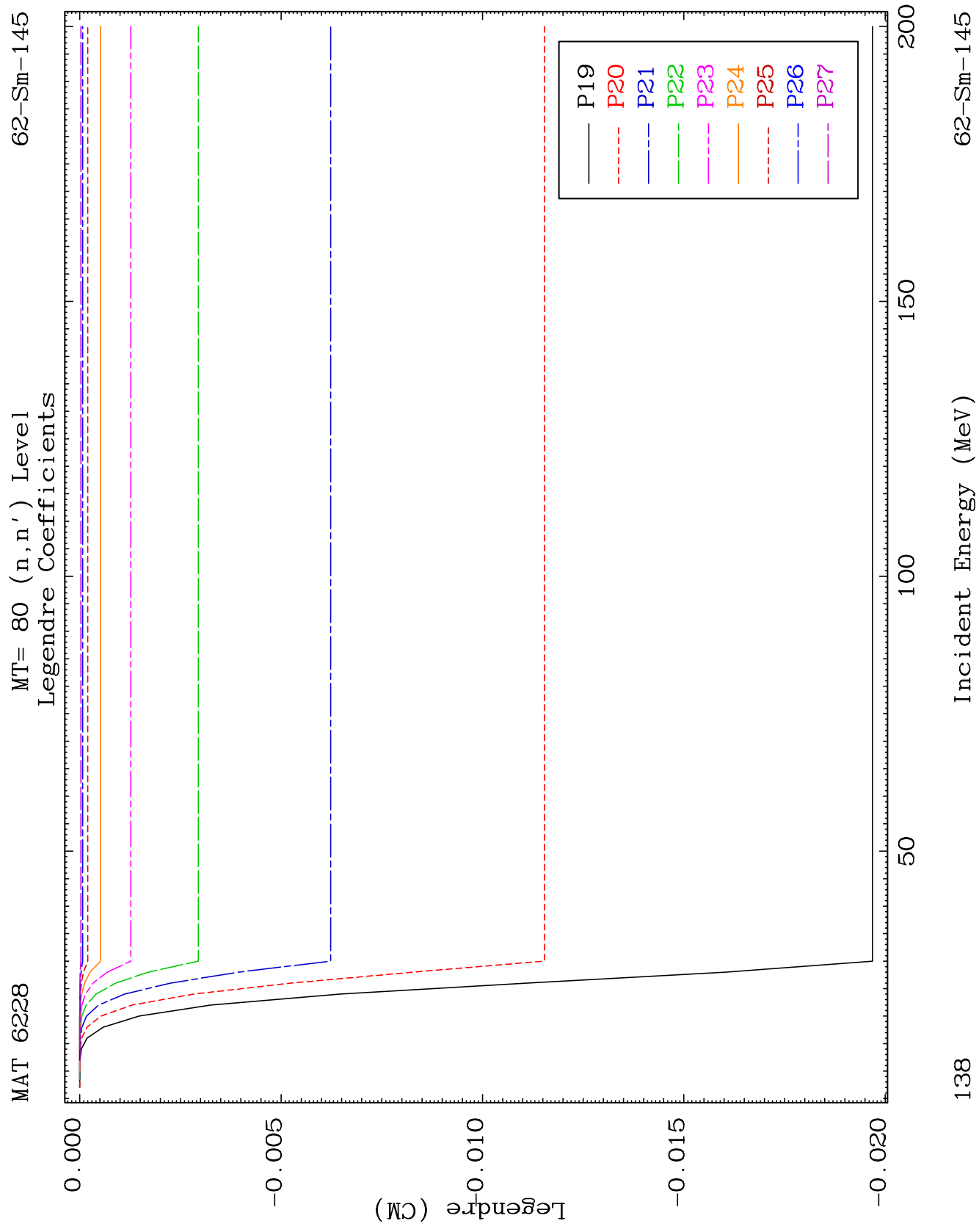


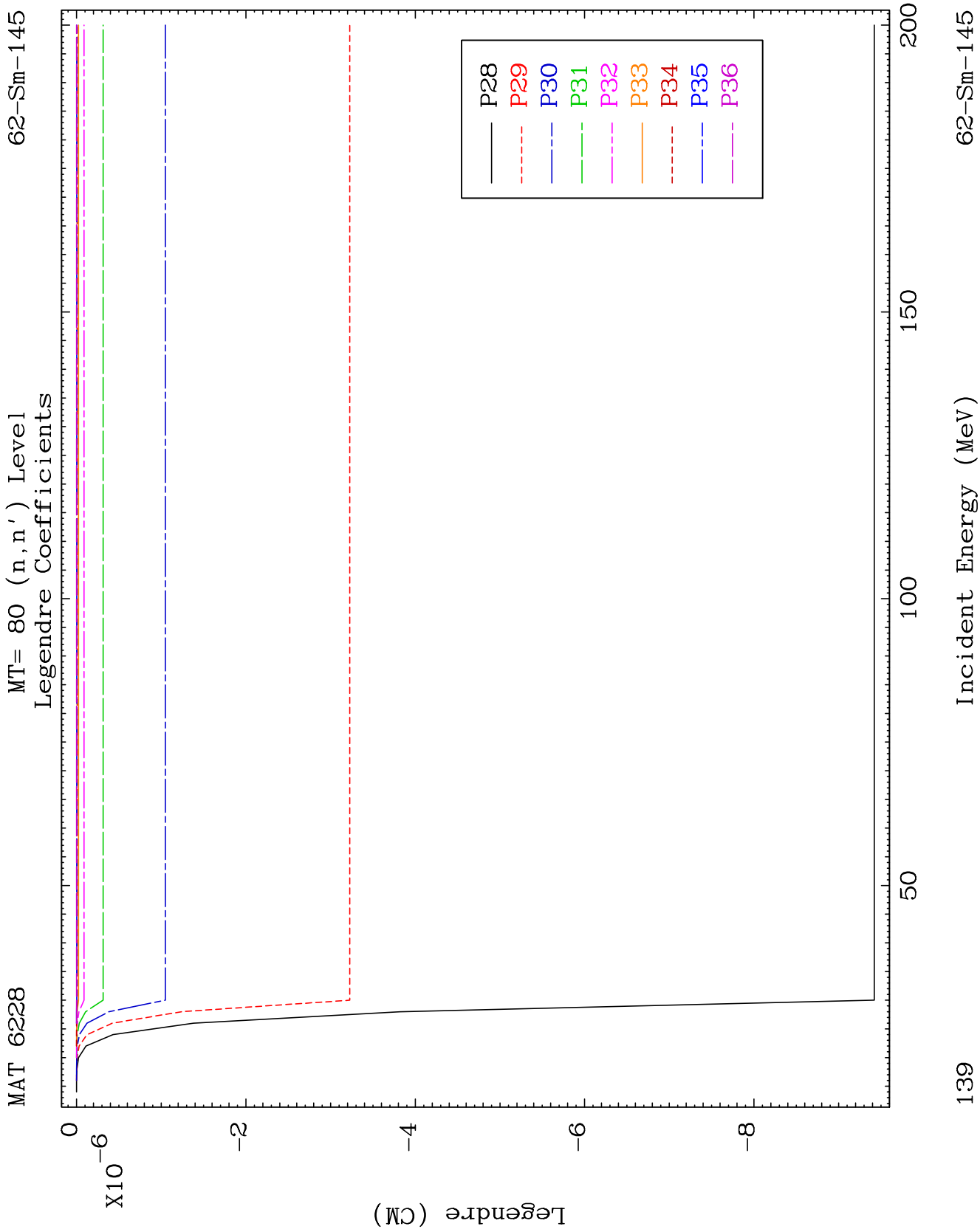








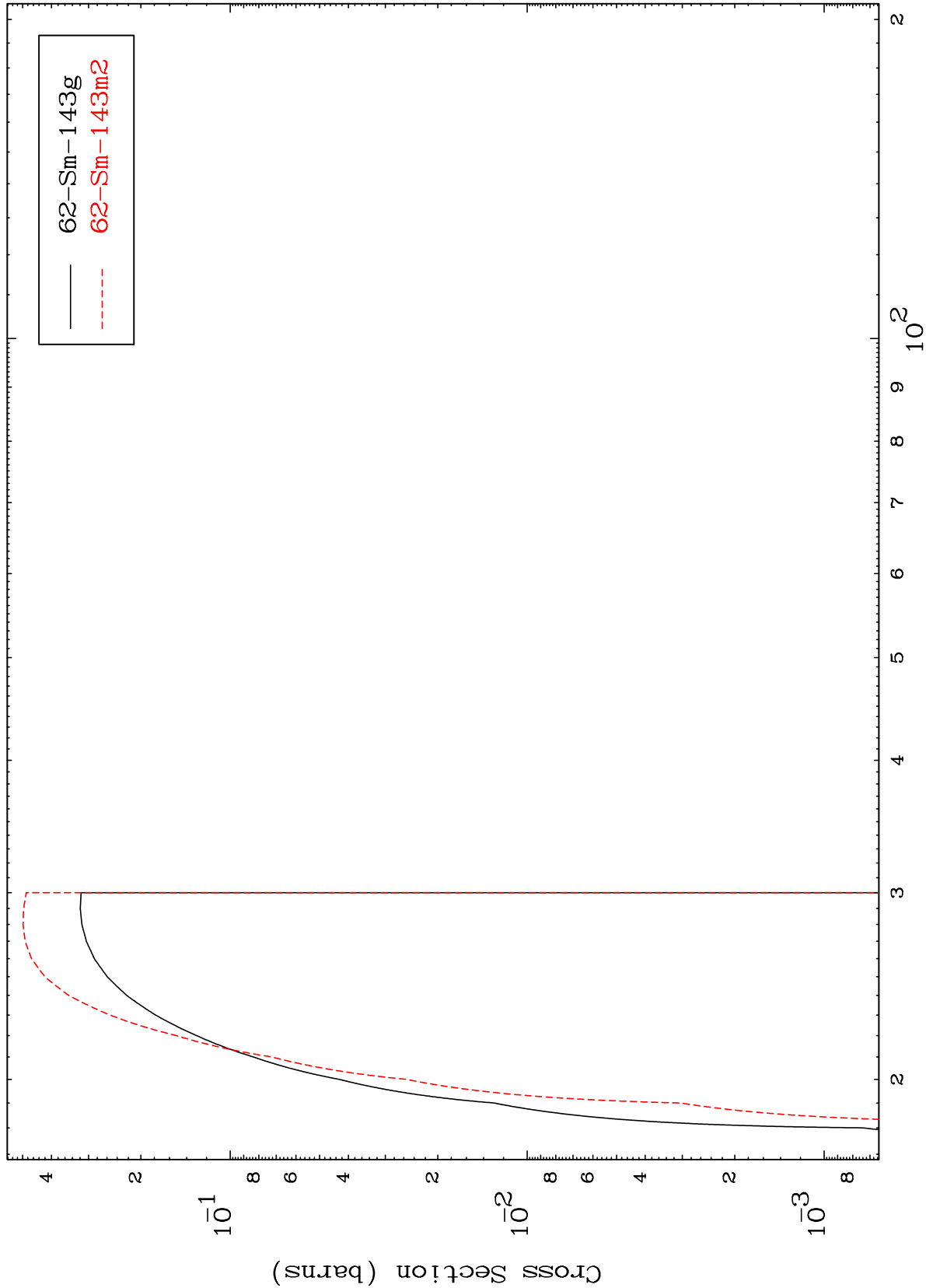




MAT 6228

62-Sm-145

(n,3n)
Radionuclide Production Cross Section



62-Sm-145

Incident Energy (MeV)

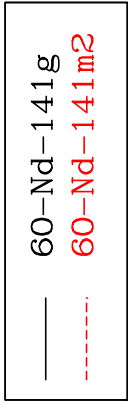
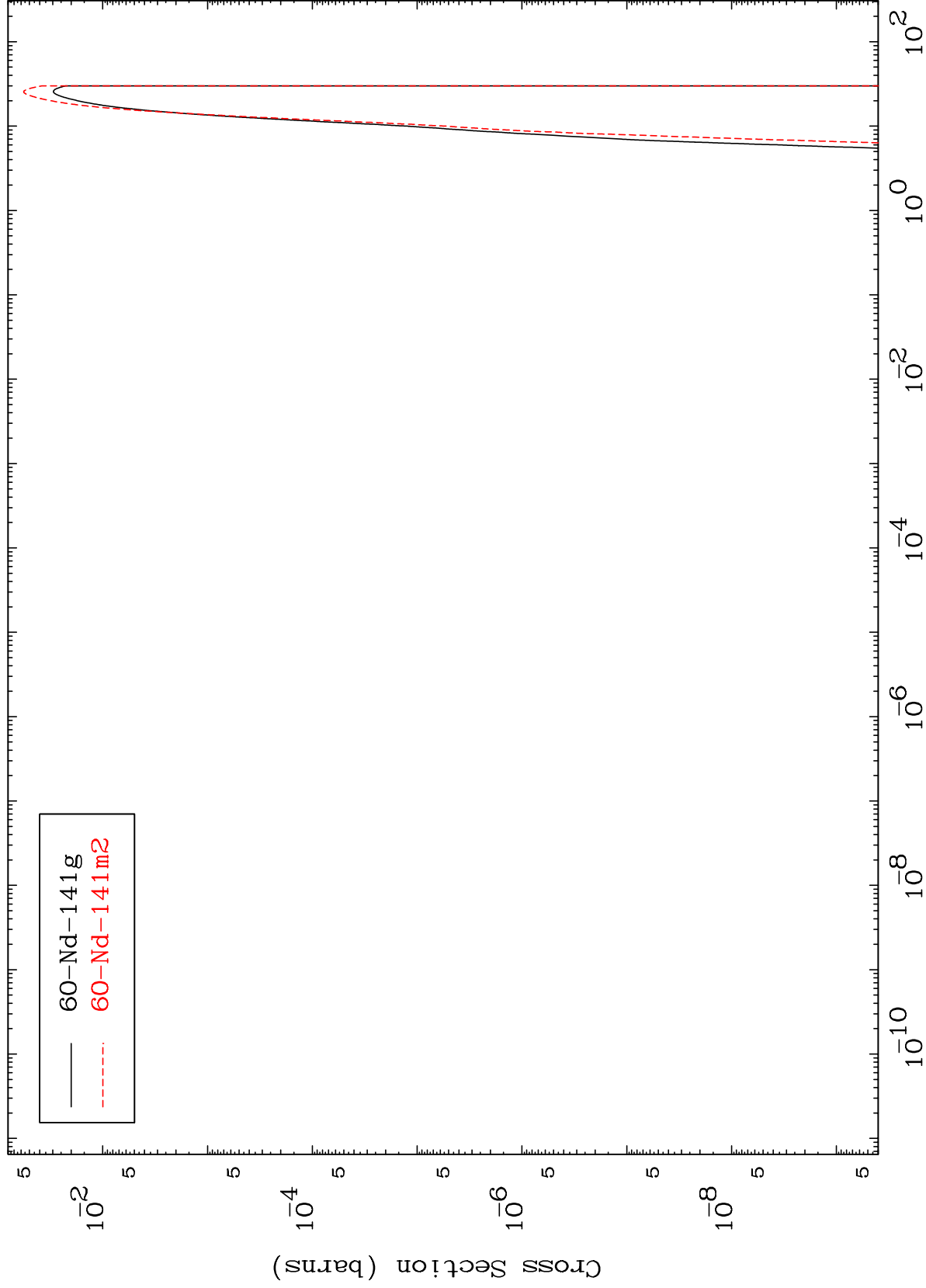
140

MAT 6228

$(n,n') \alpha$

62-Sm-145

Radionuclide Production Cross Section



141

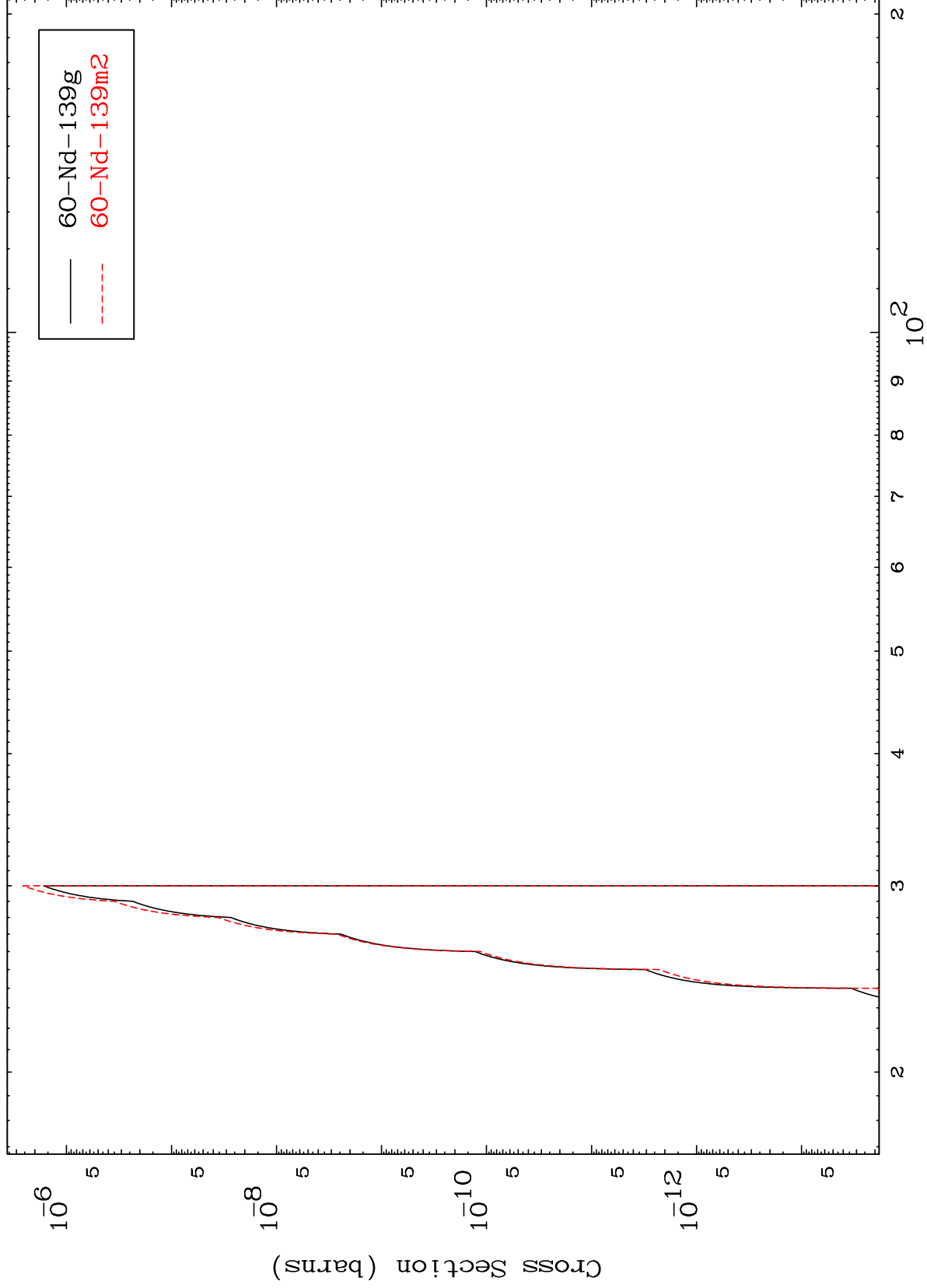
Incident Energy (MeV)

62-Sm-145

MAT 6228

62-Sm-145

$(n,3n) \alpha$
Radionuclide Production Cross Section



142

Incident Energy (MeV)

62-Sm-145

Radionuclide Production Cross Section

