

Program EVALPLOT
(Version 2021-1)

by

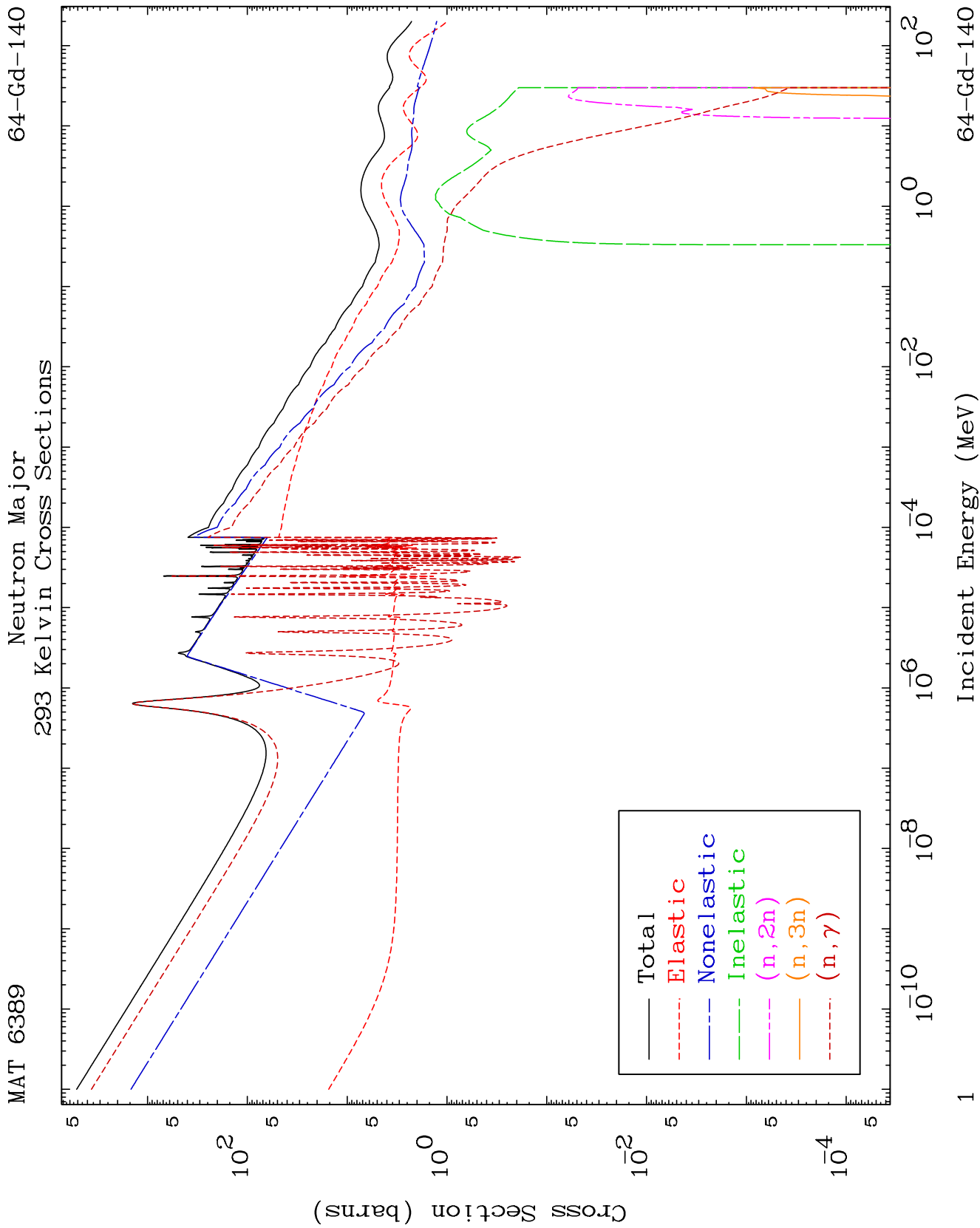
Dermott E. Cullen
(Present Contact Information)

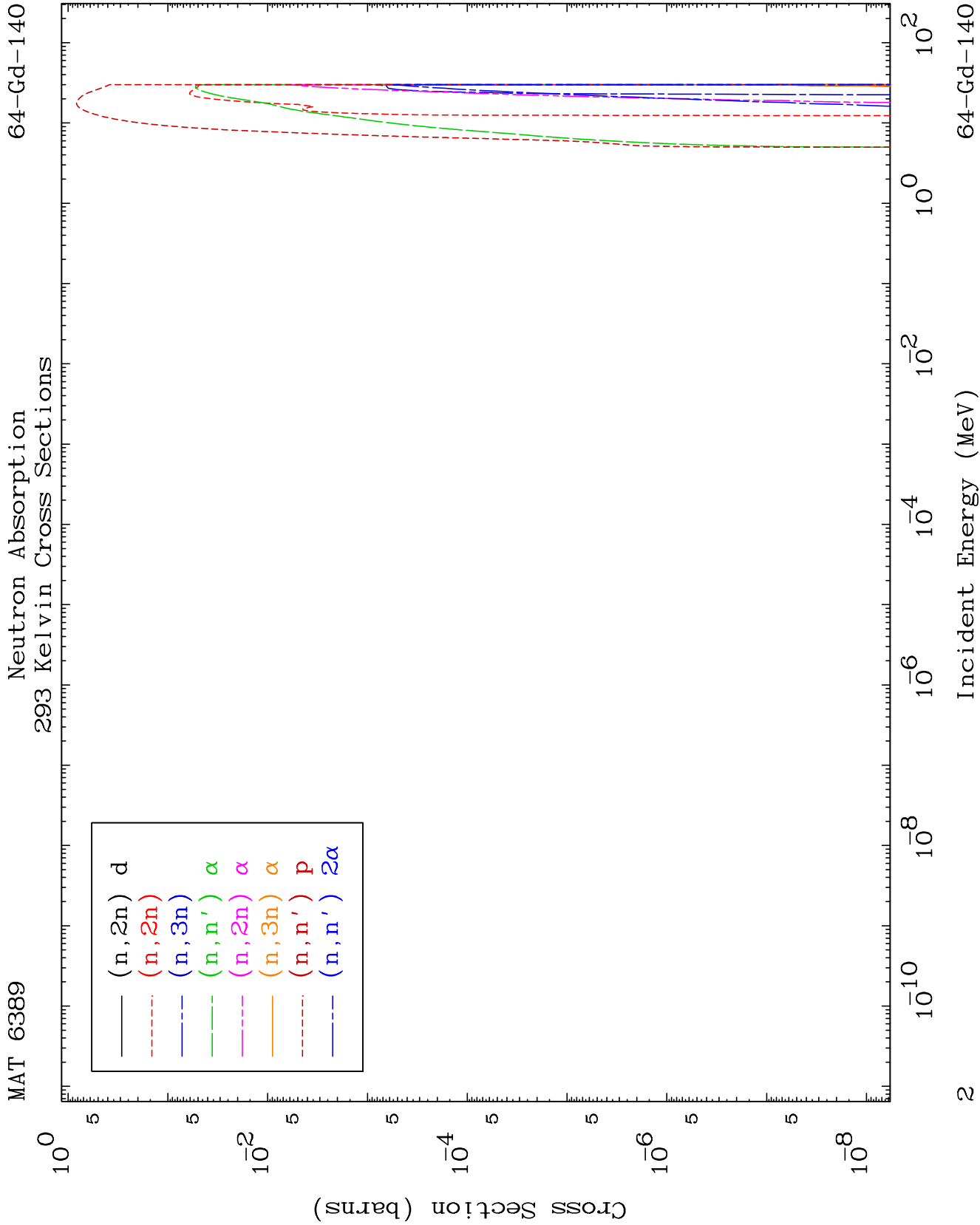
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

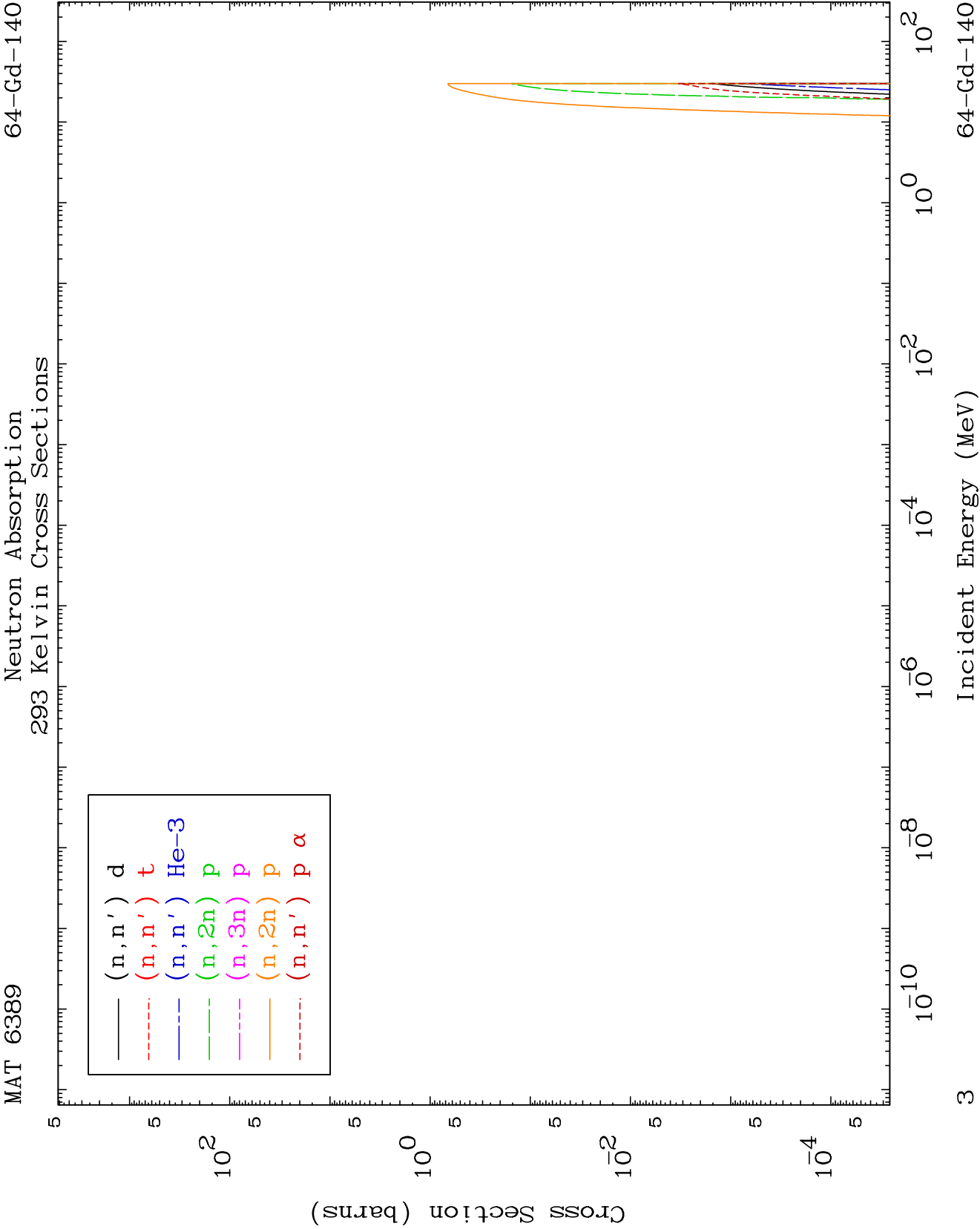
Tele: 925-443-1911

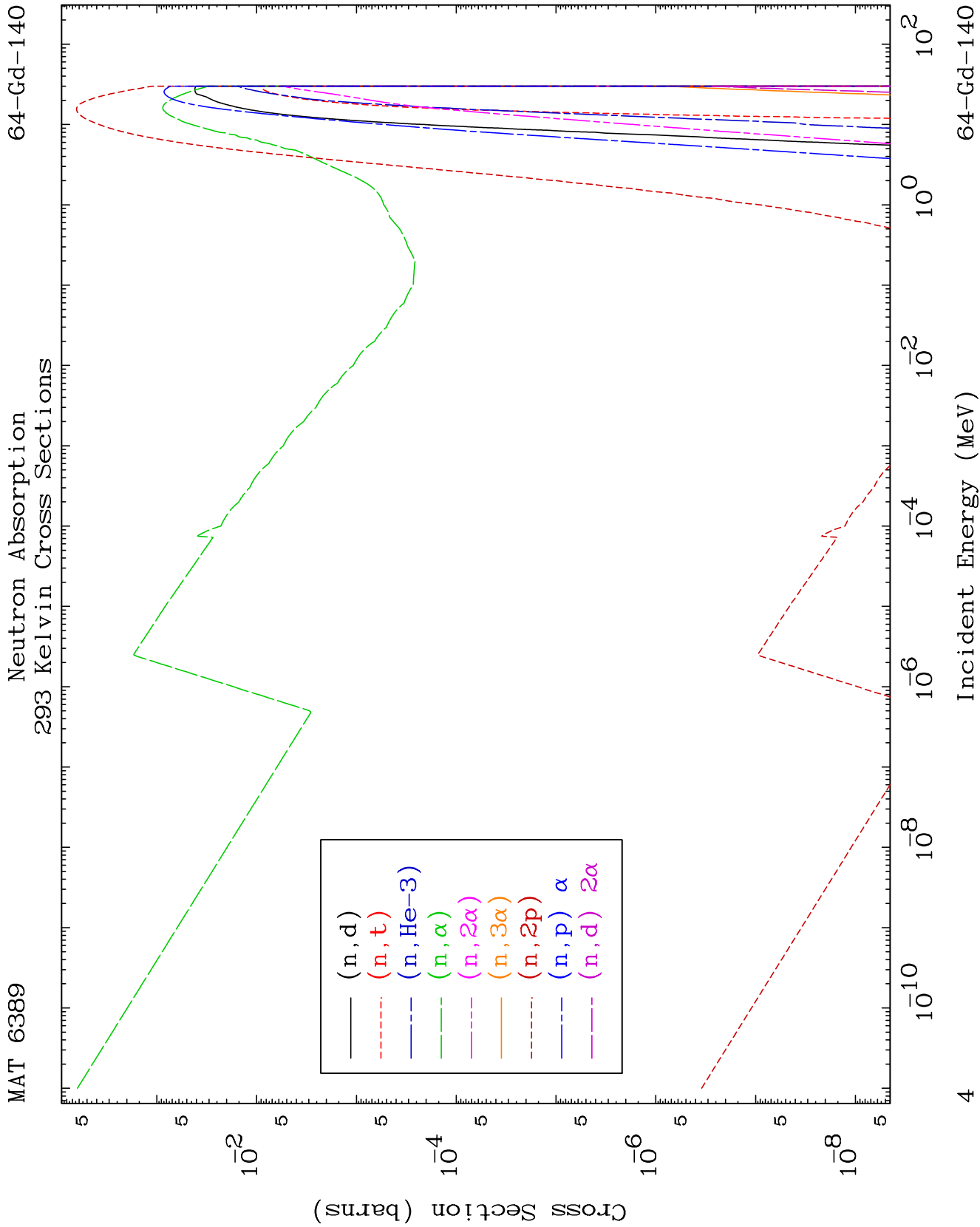
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

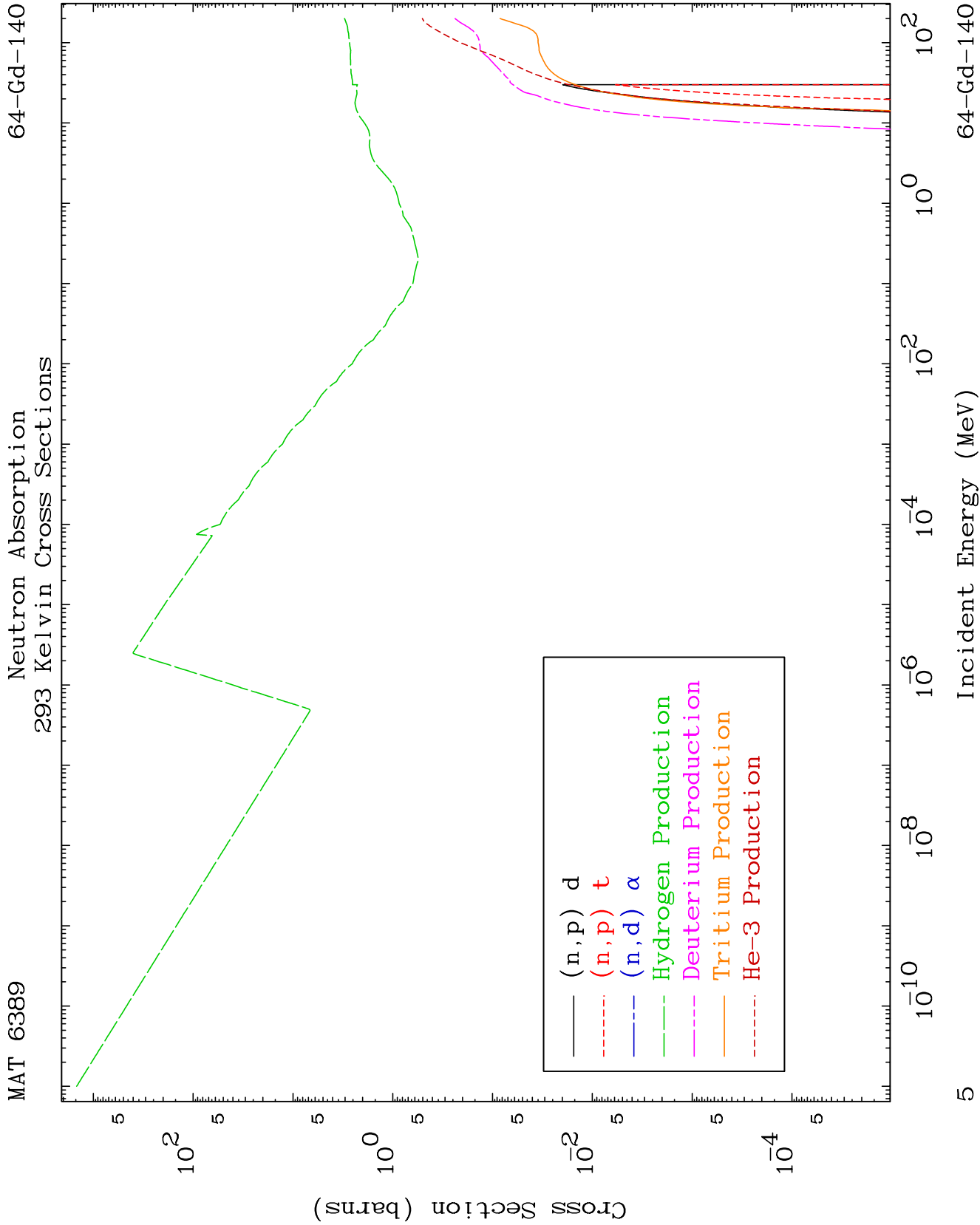
Press Mouse Button to Start

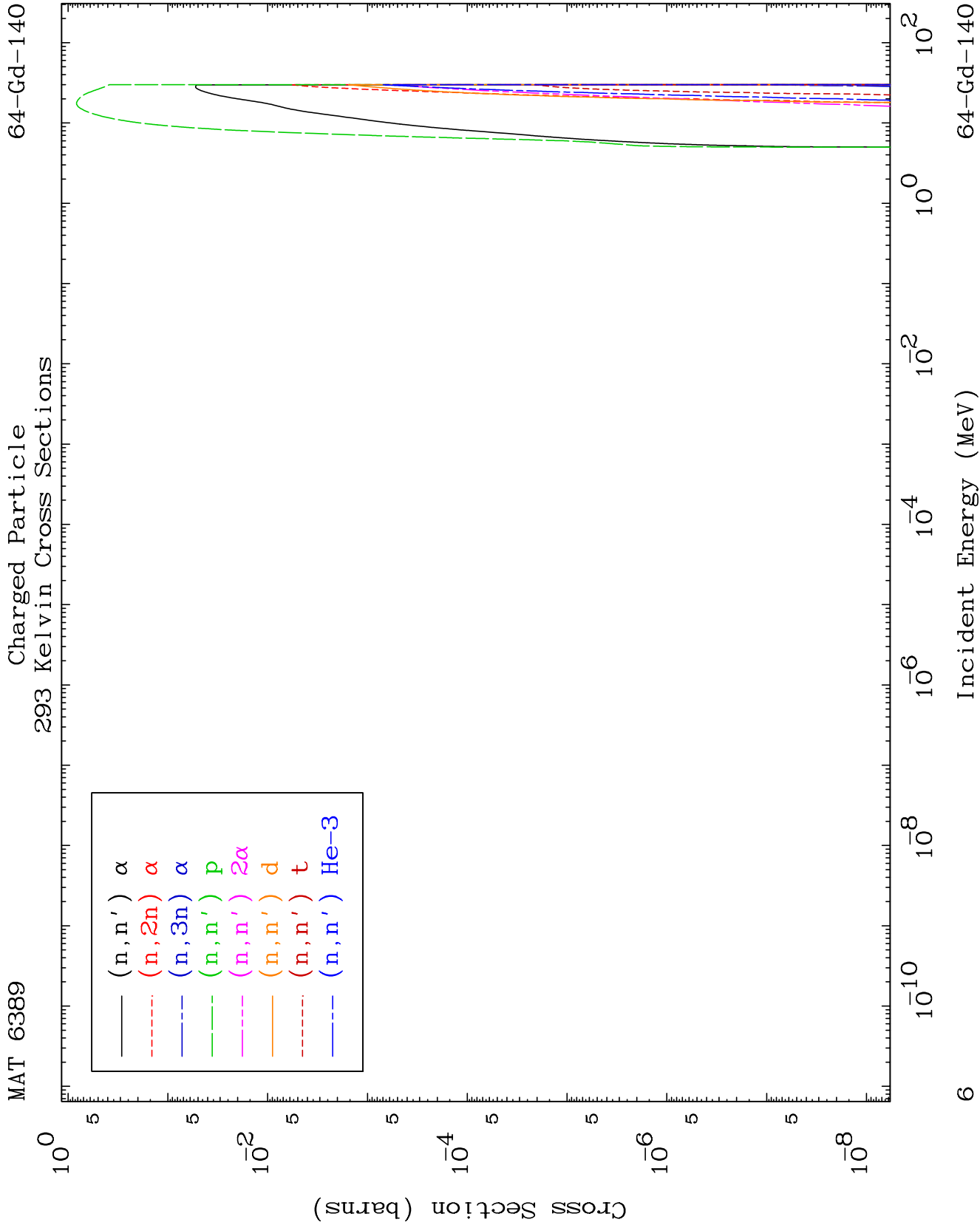


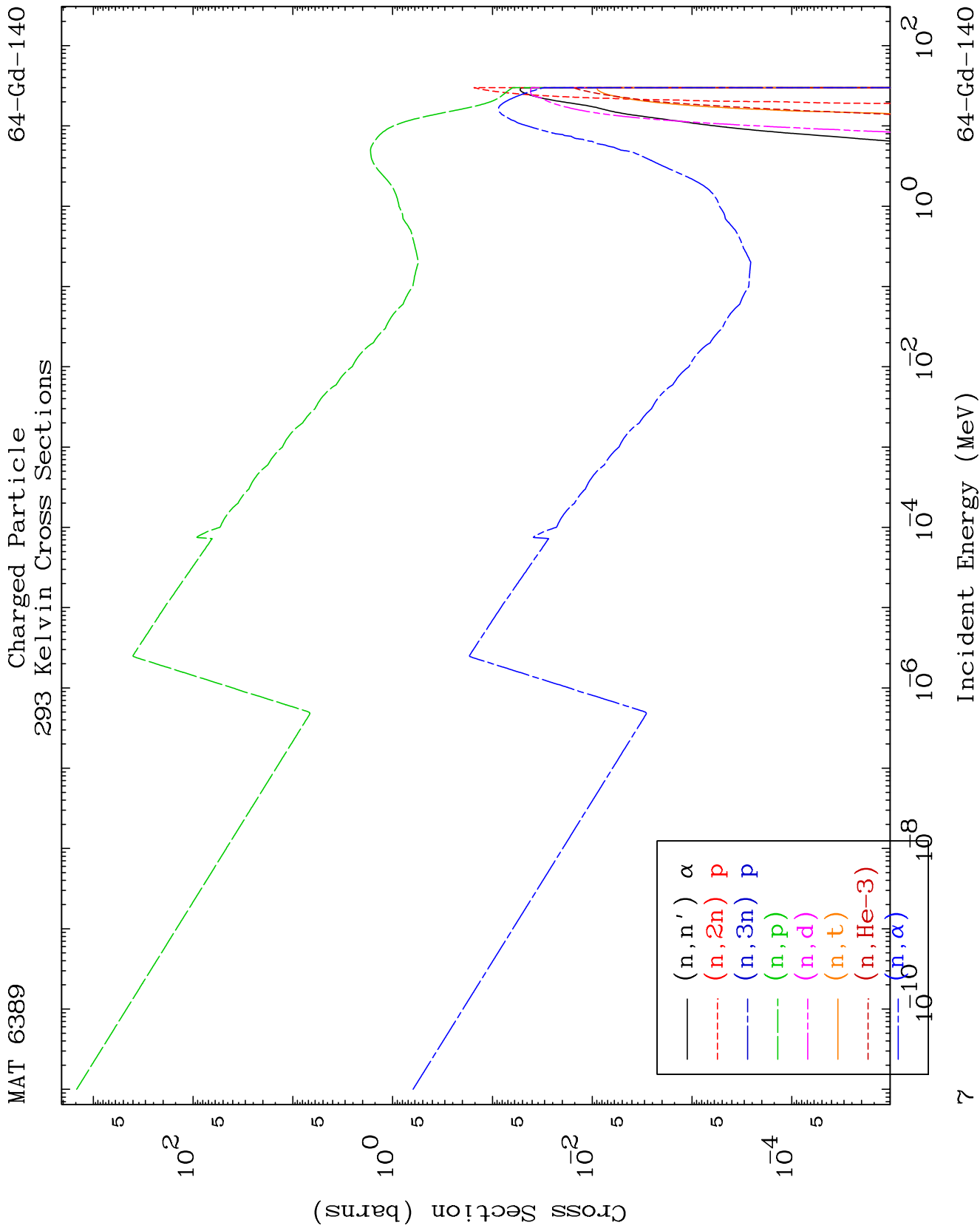








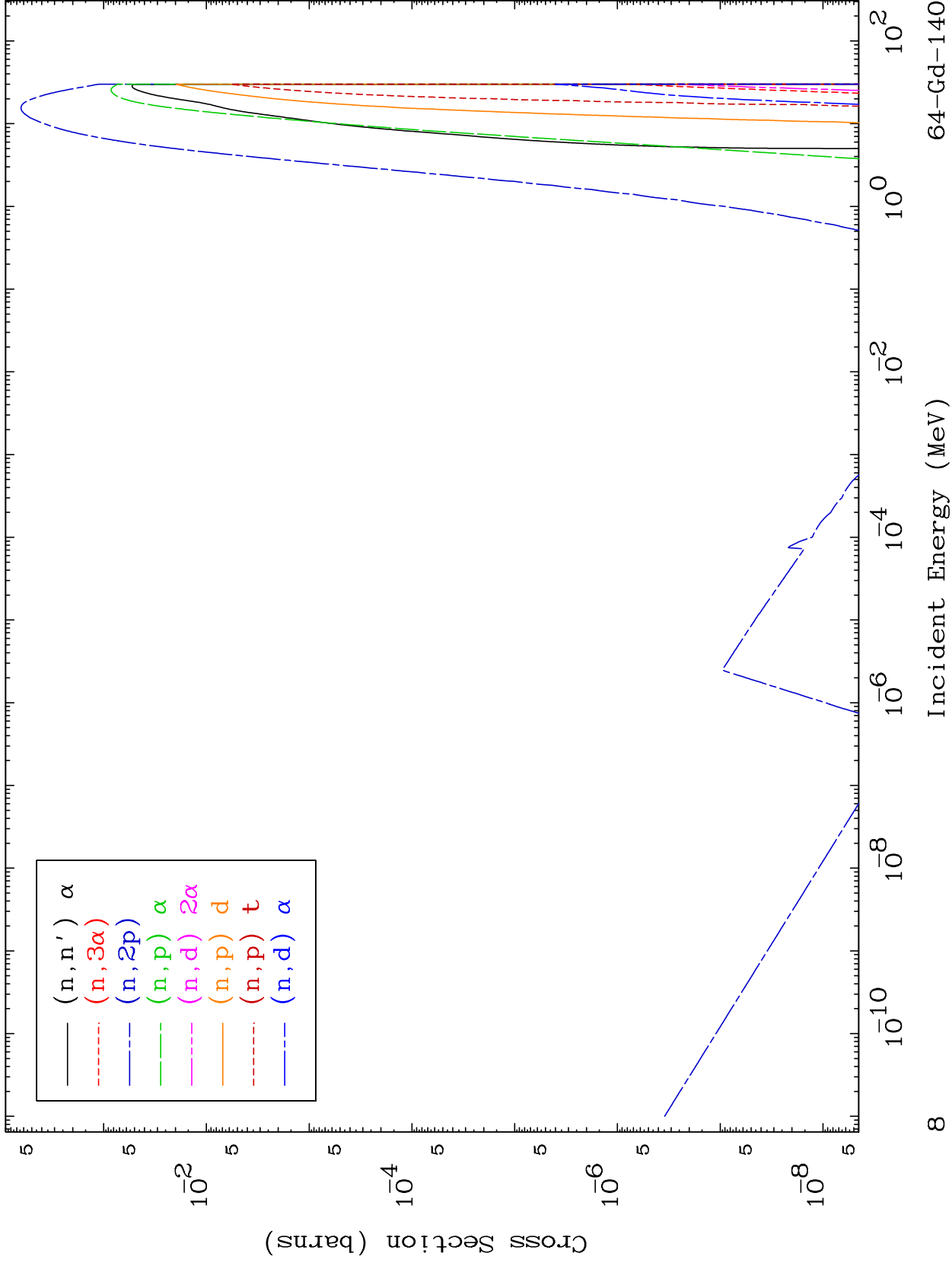




MAT 6389

Charged Particle
293 Kelvin Cross Sections

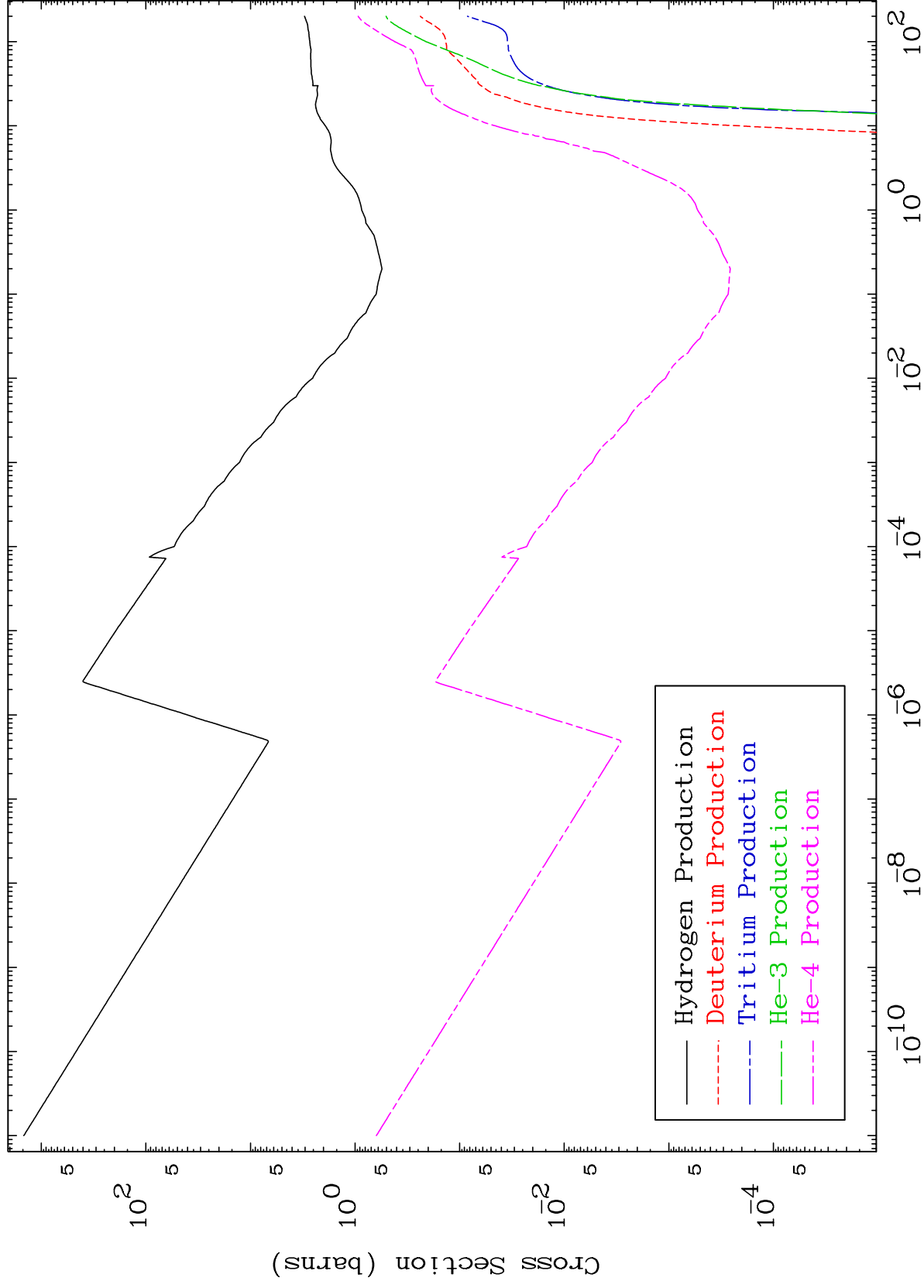
64-Gd-140

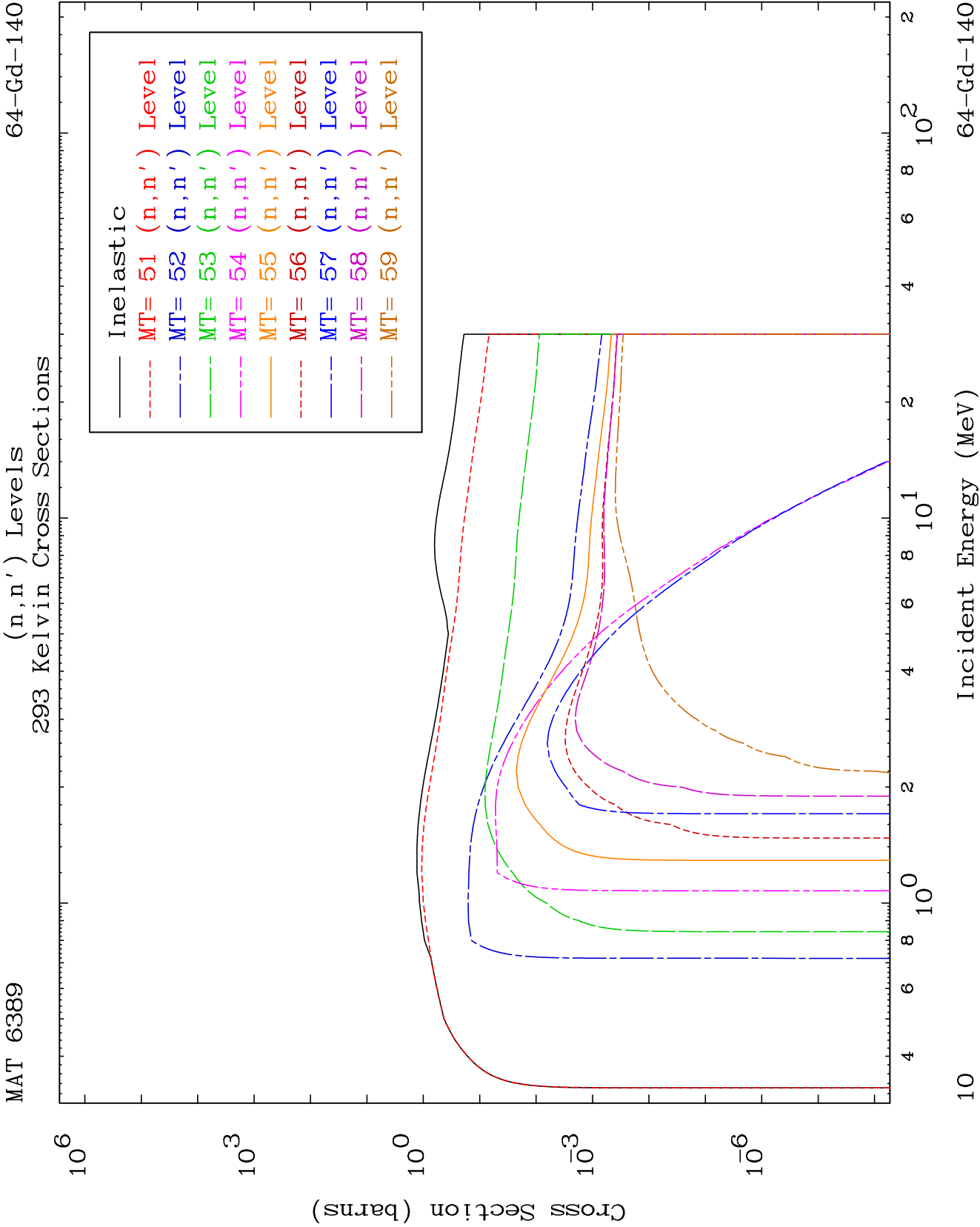


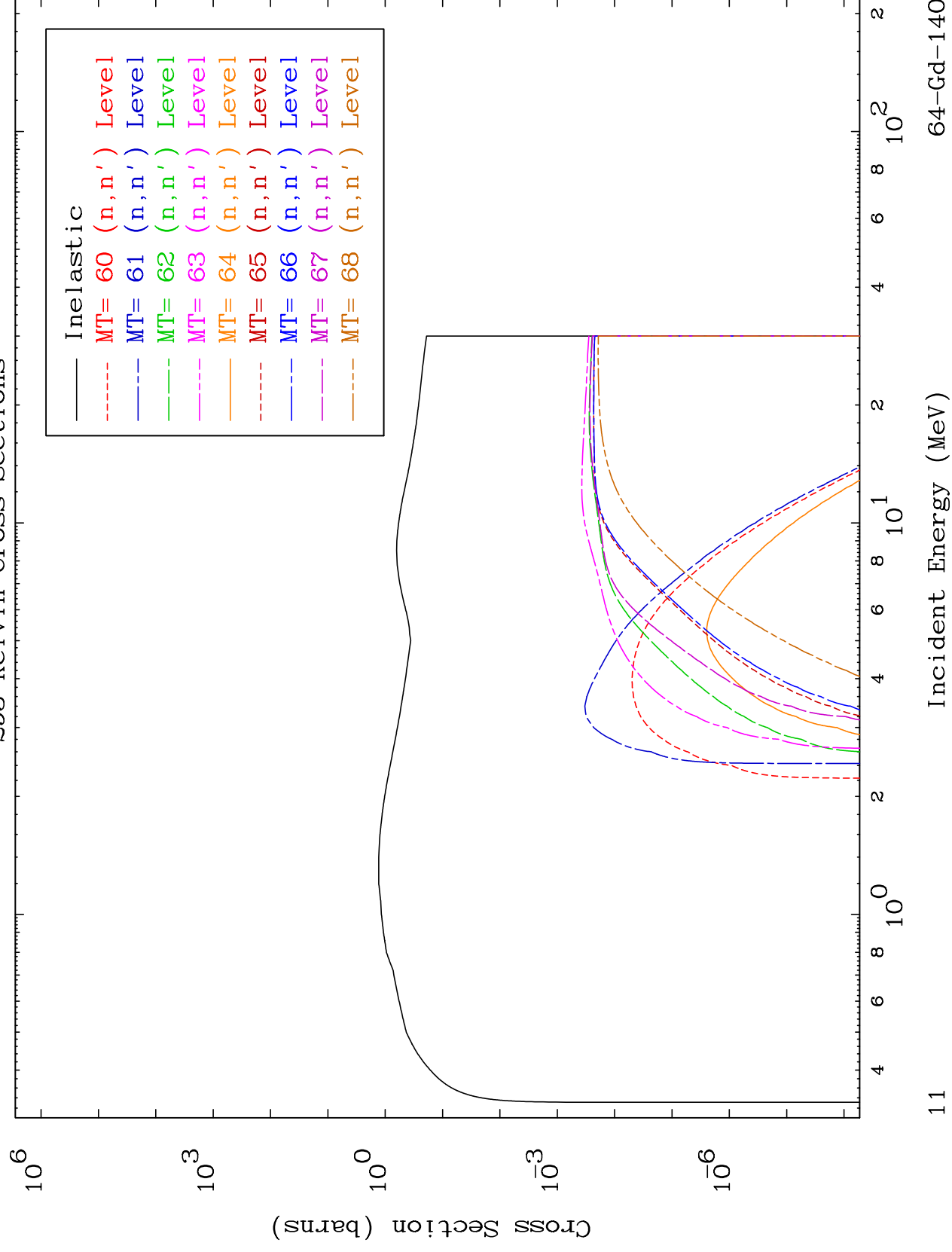
MAT 6389

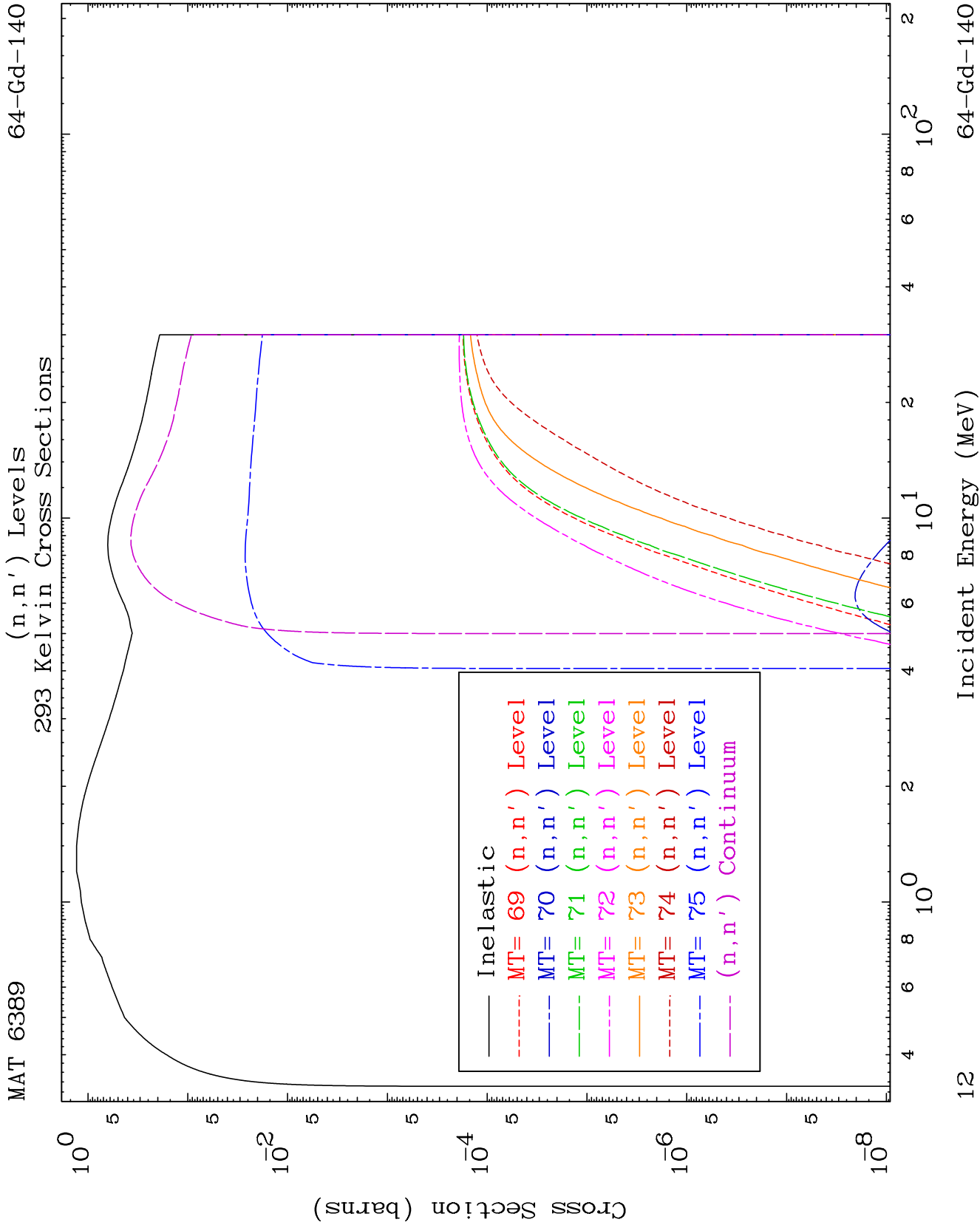
Particle Production
293 Kelvin Cross Sections

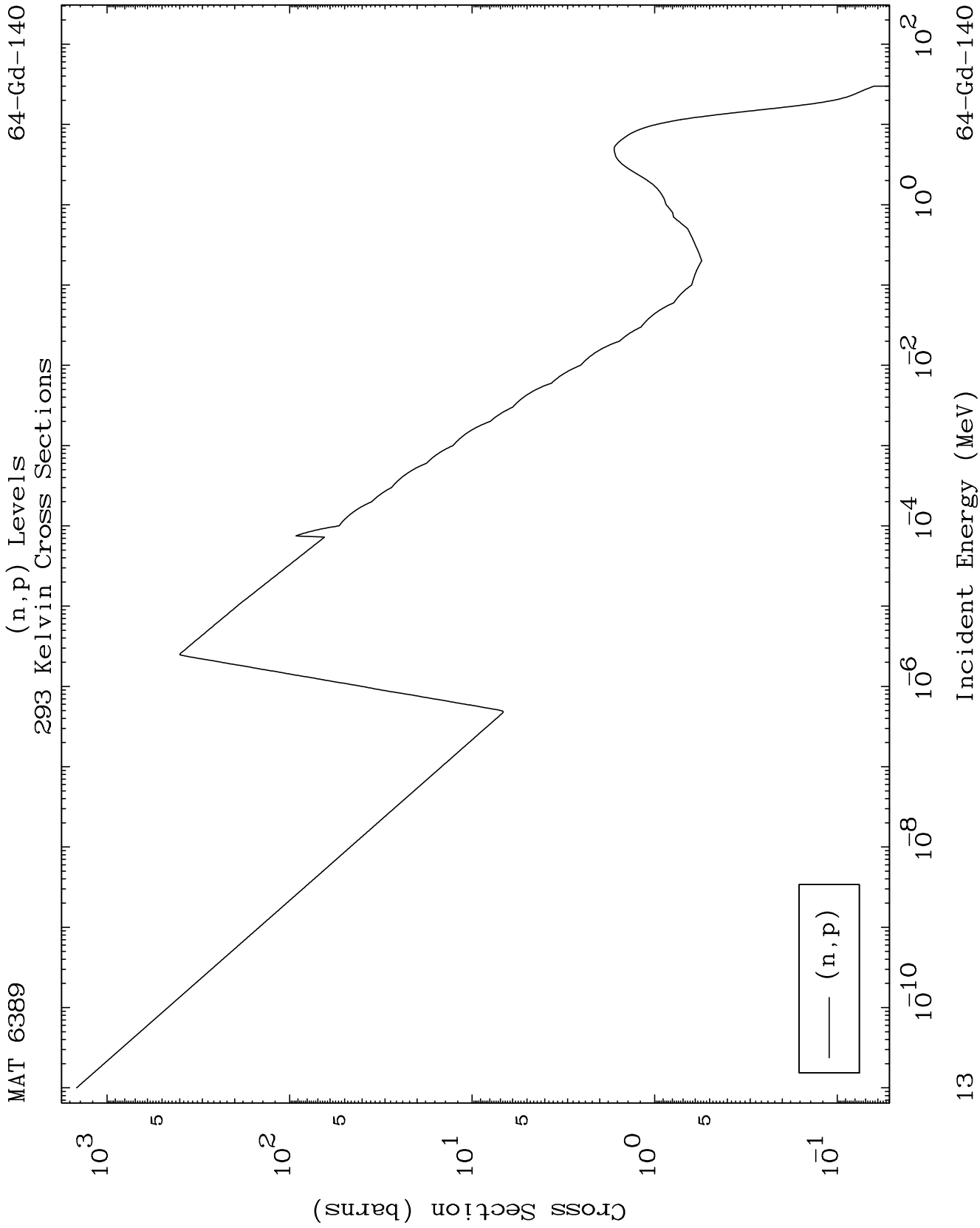
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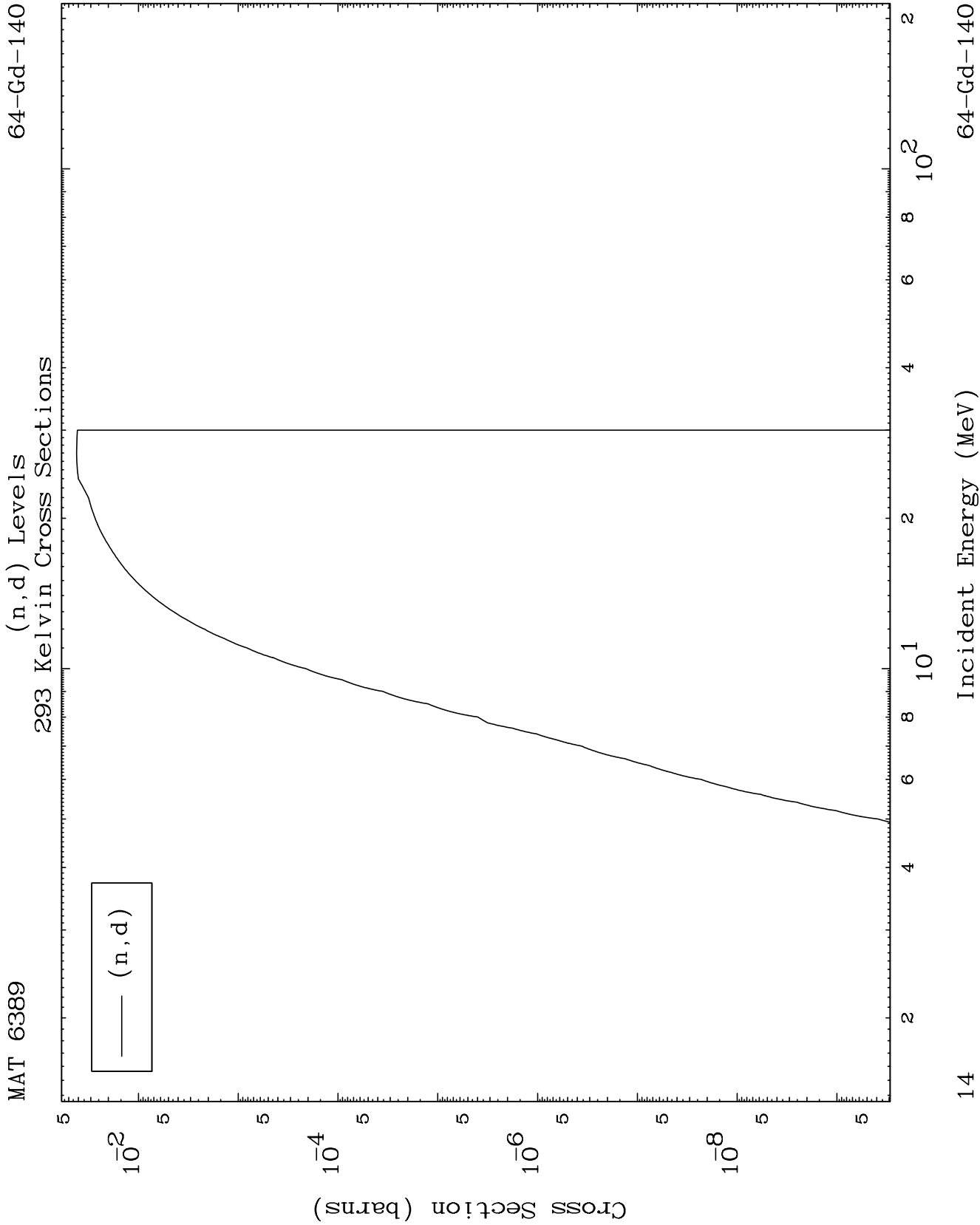


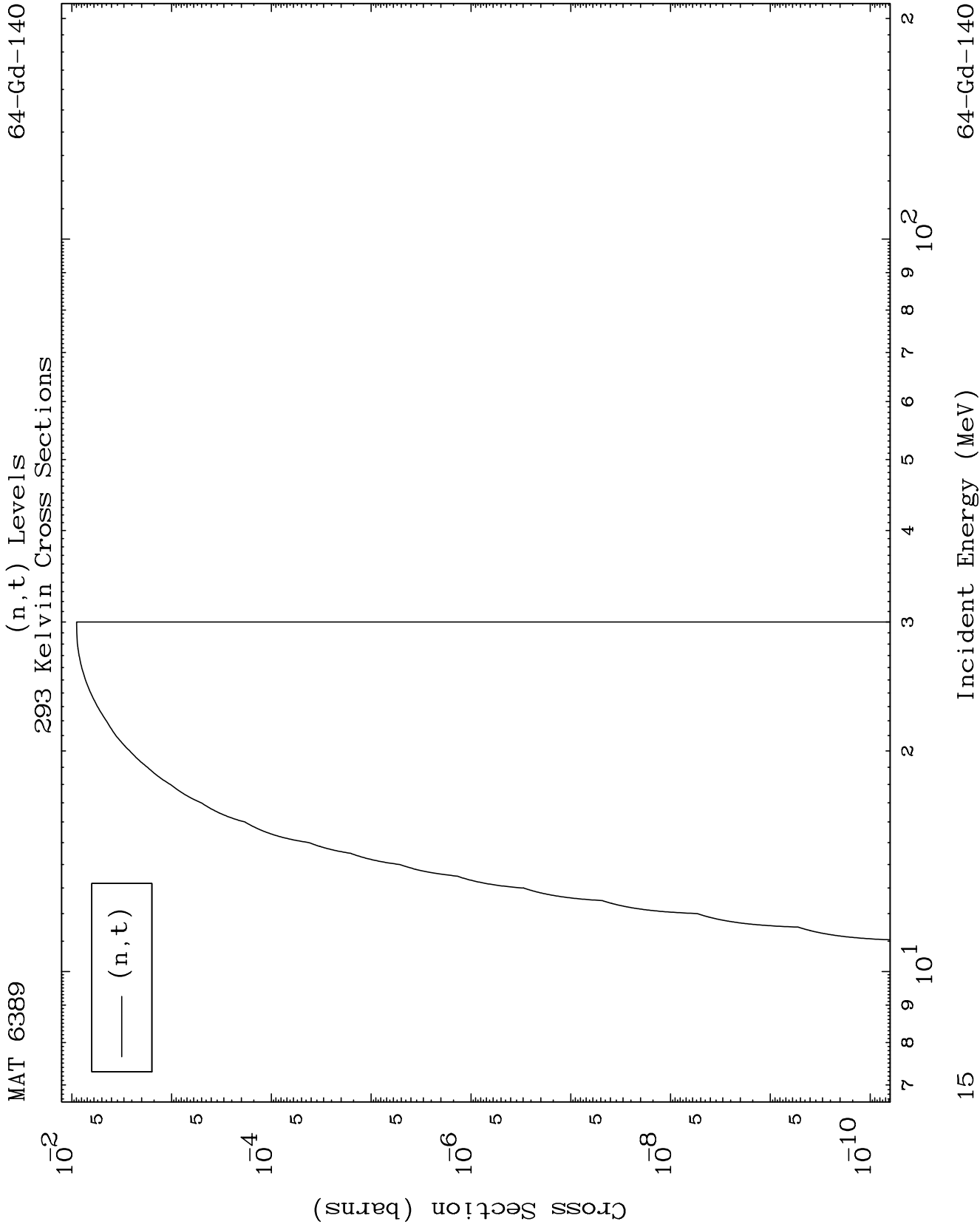








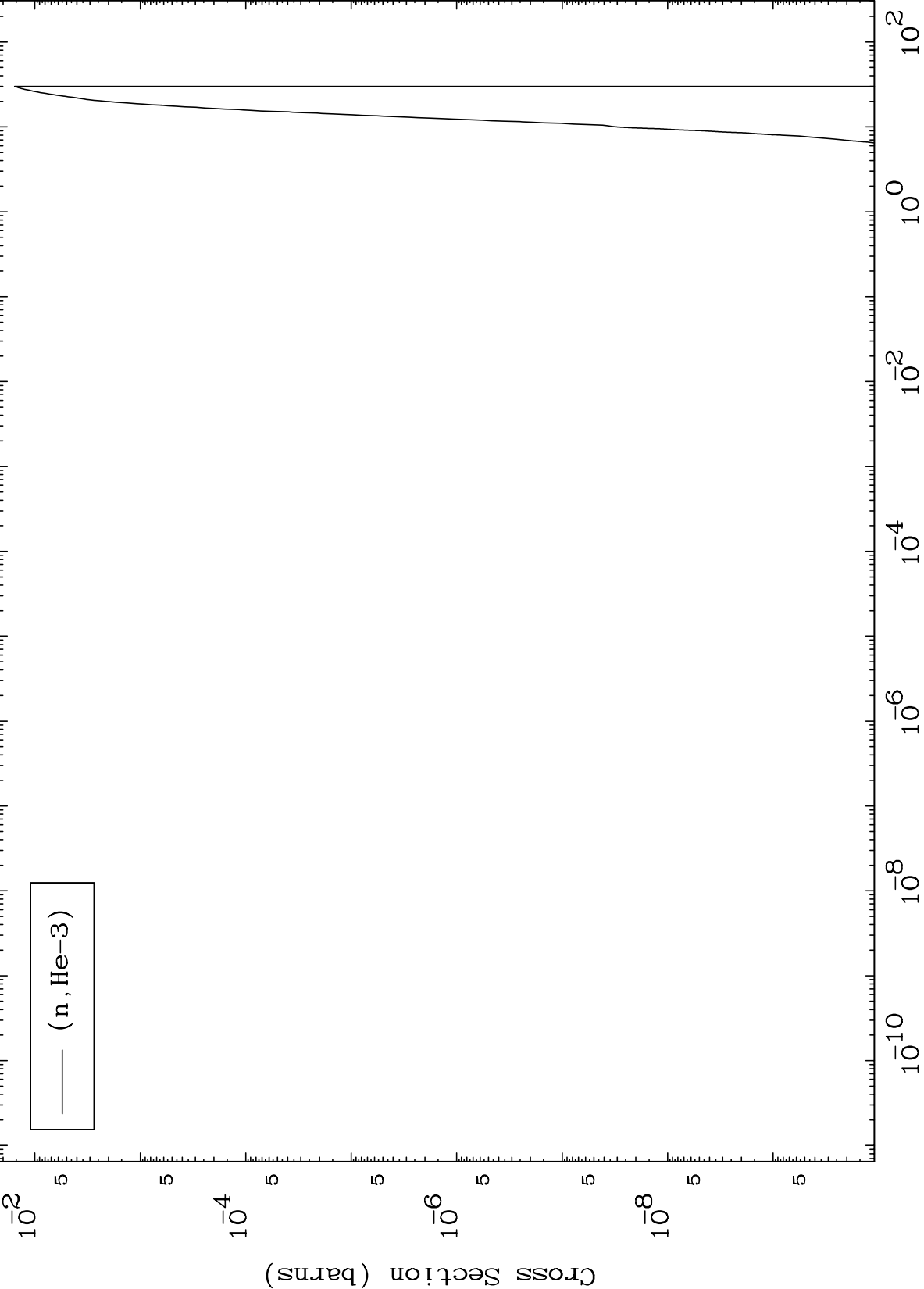




MAT 6389

(n,He3) Levels
293 Kelvin Cross Sections

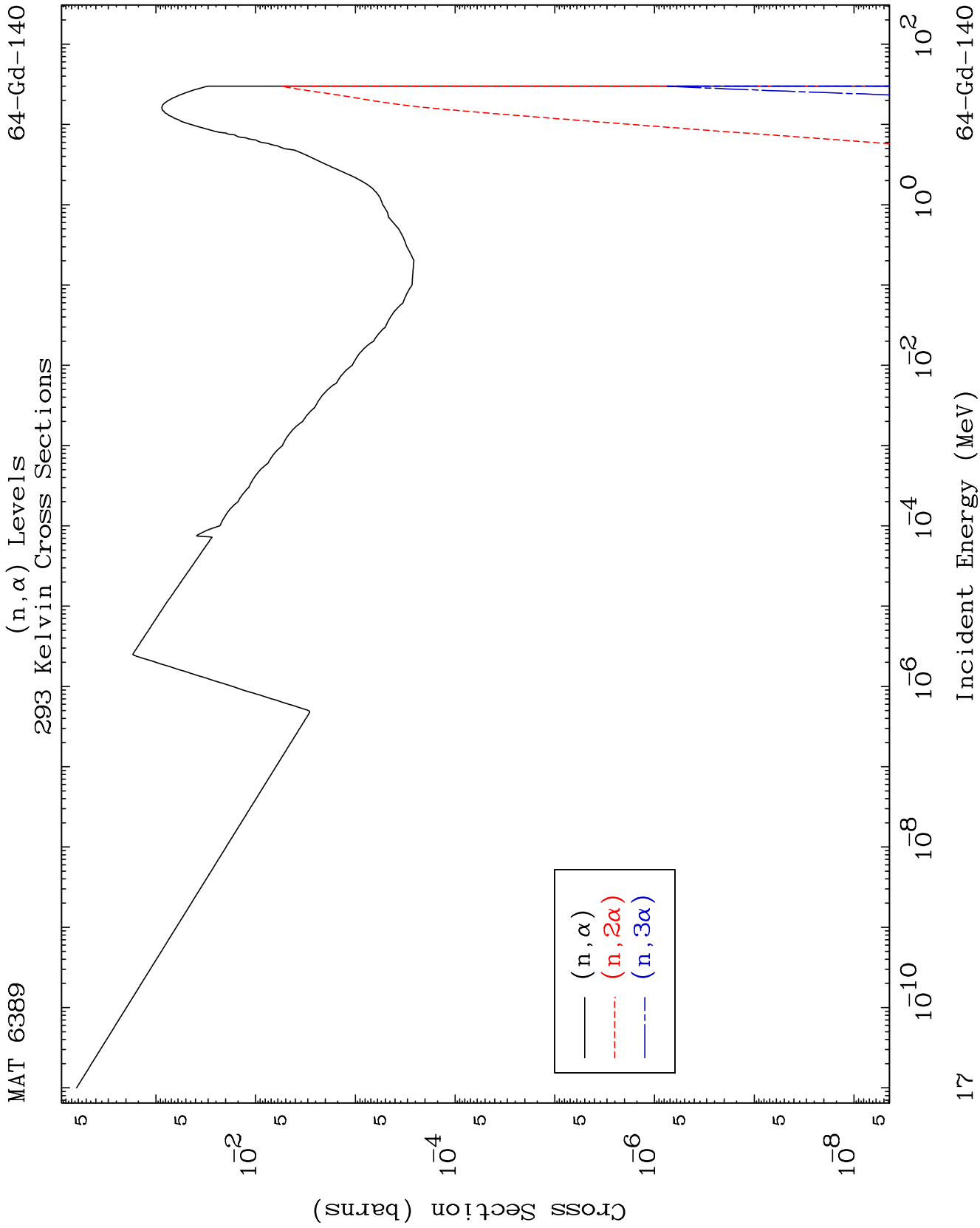
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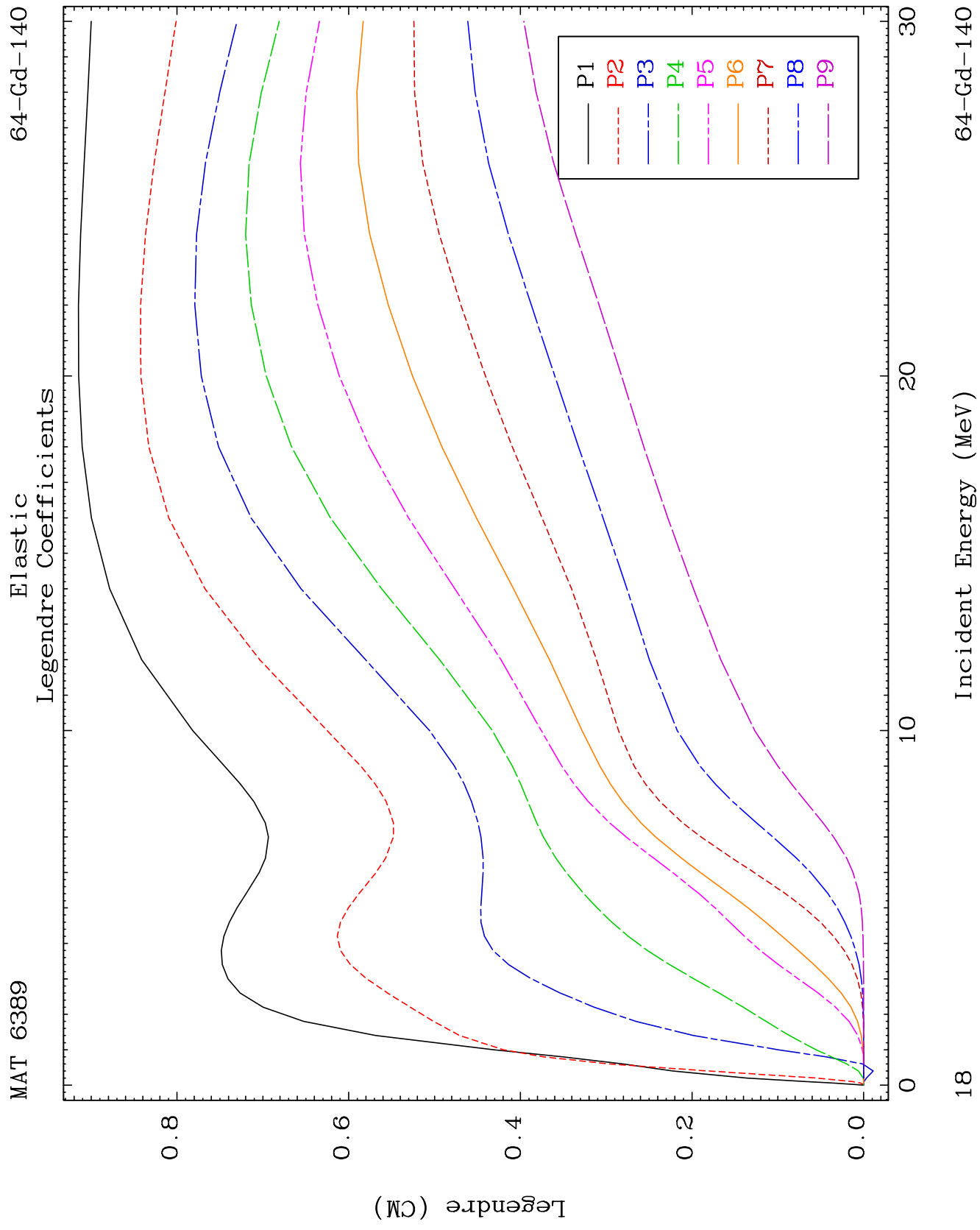


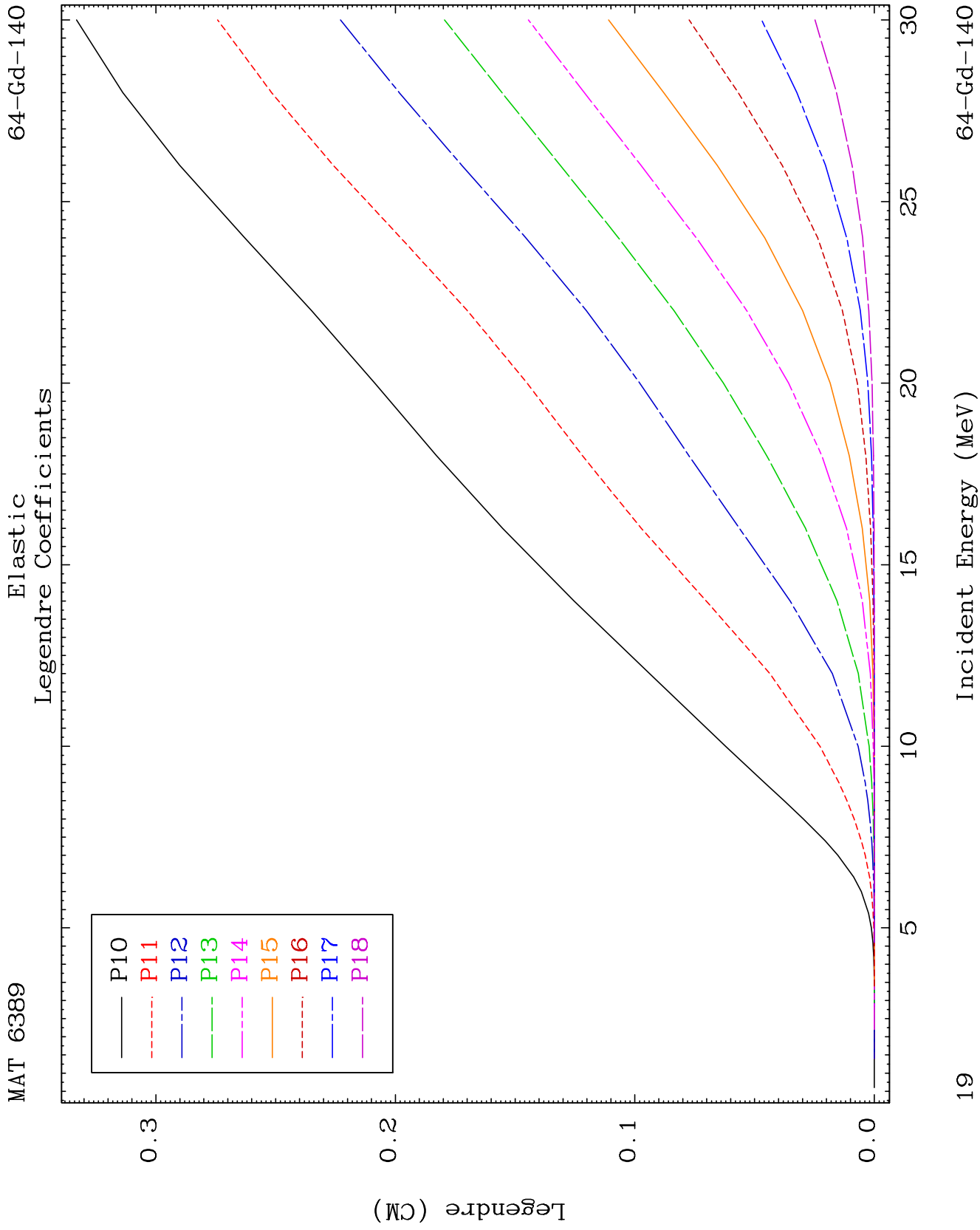
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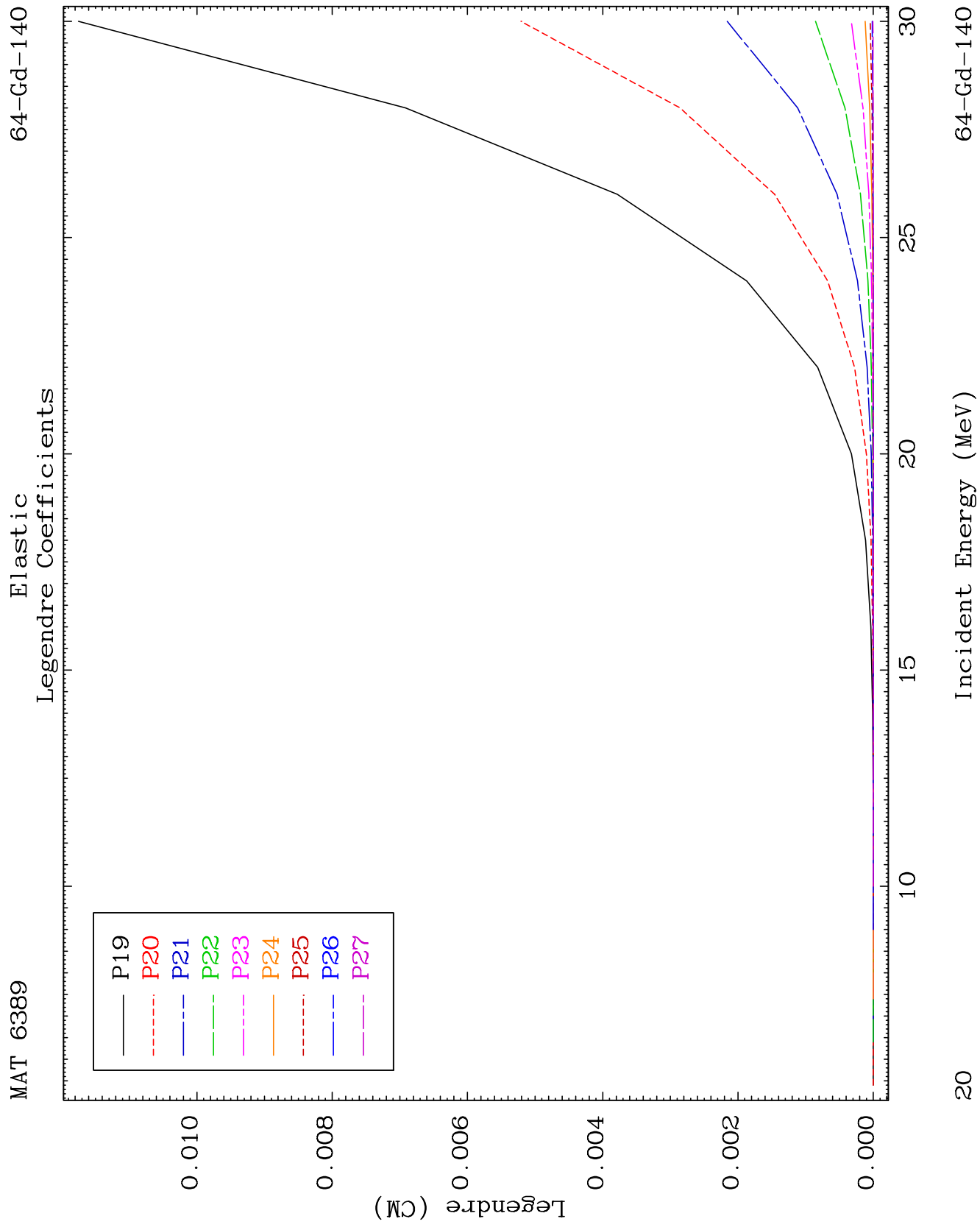
Incident Energy (MeV)

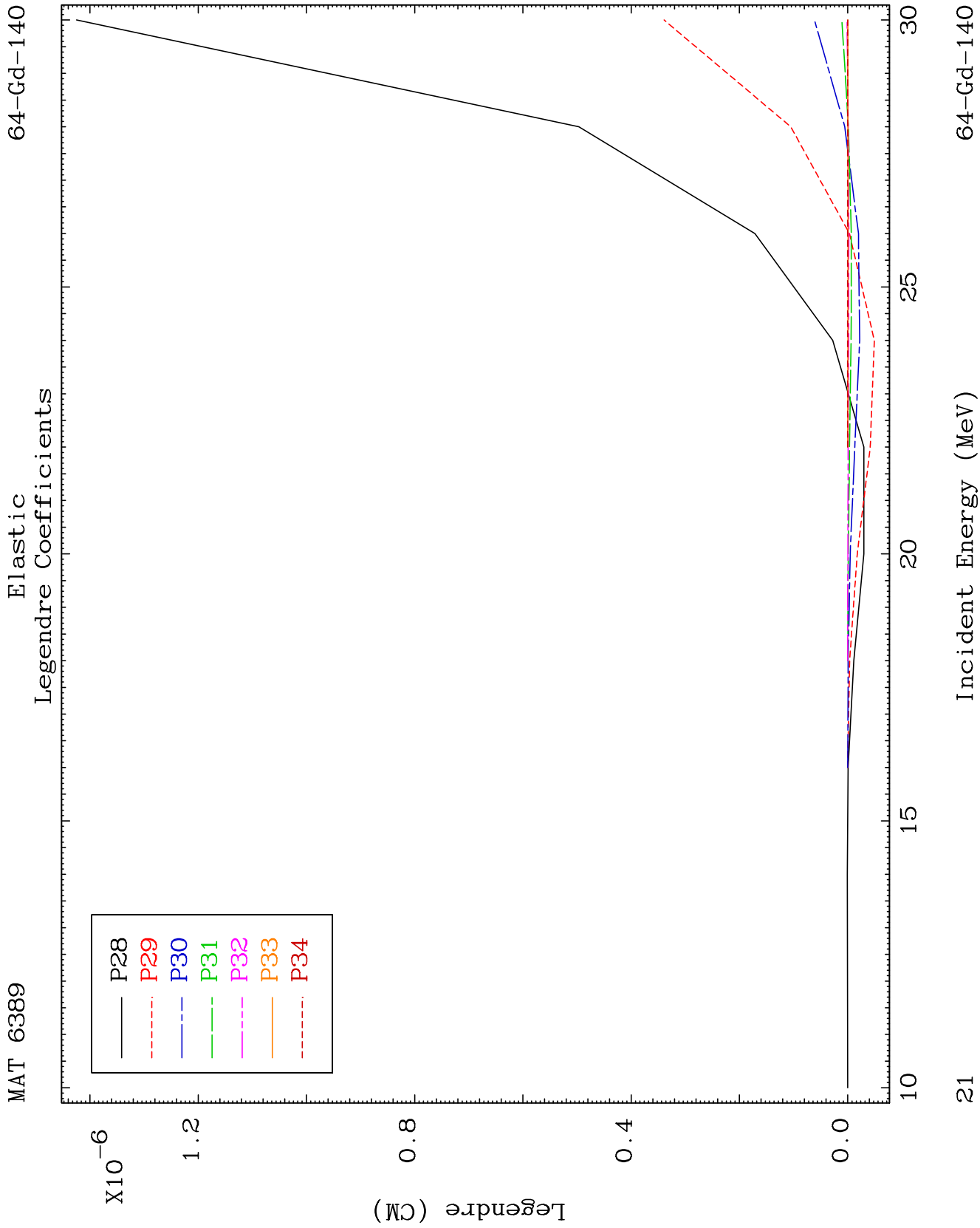
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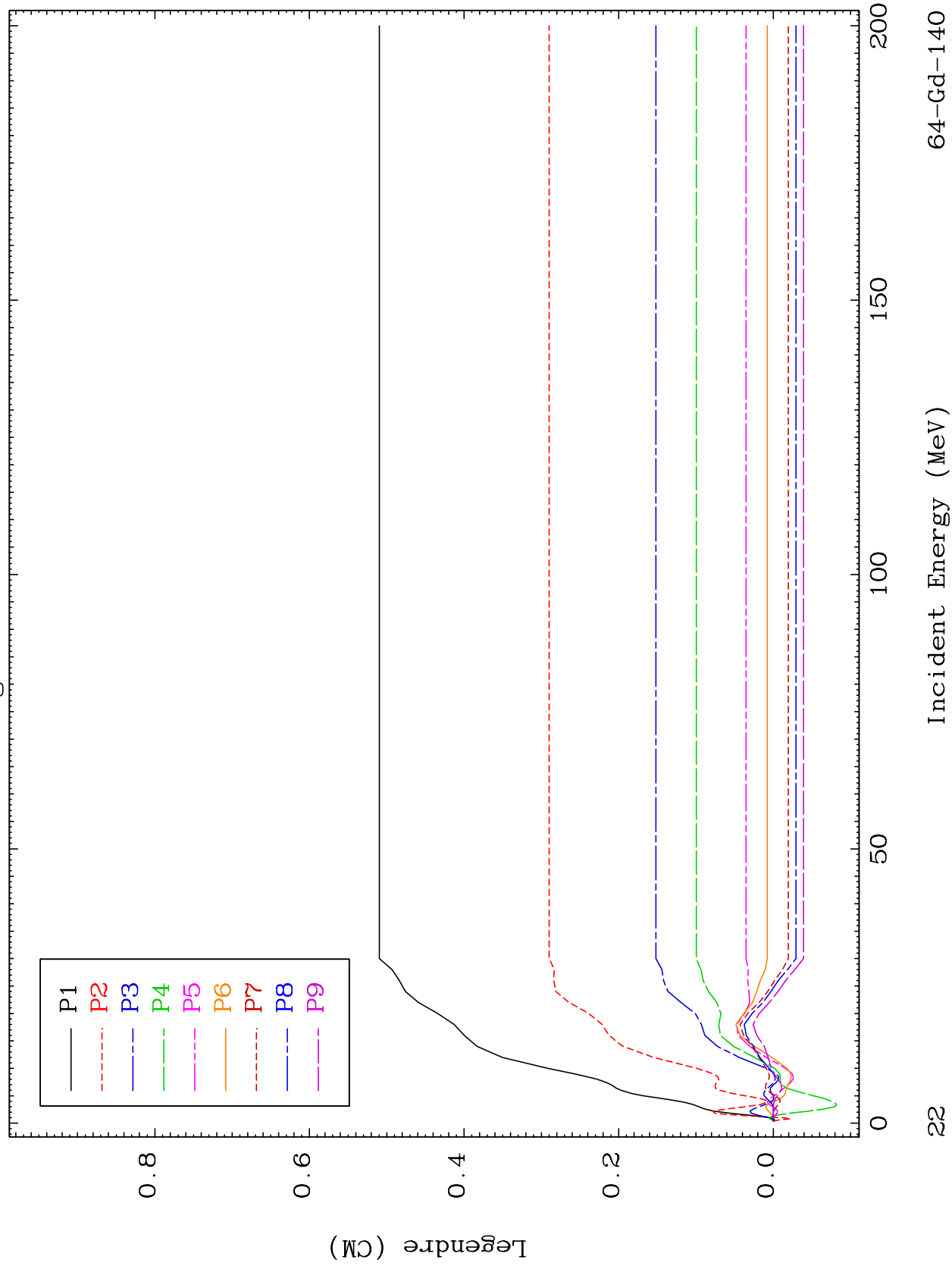




MAT 6389

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

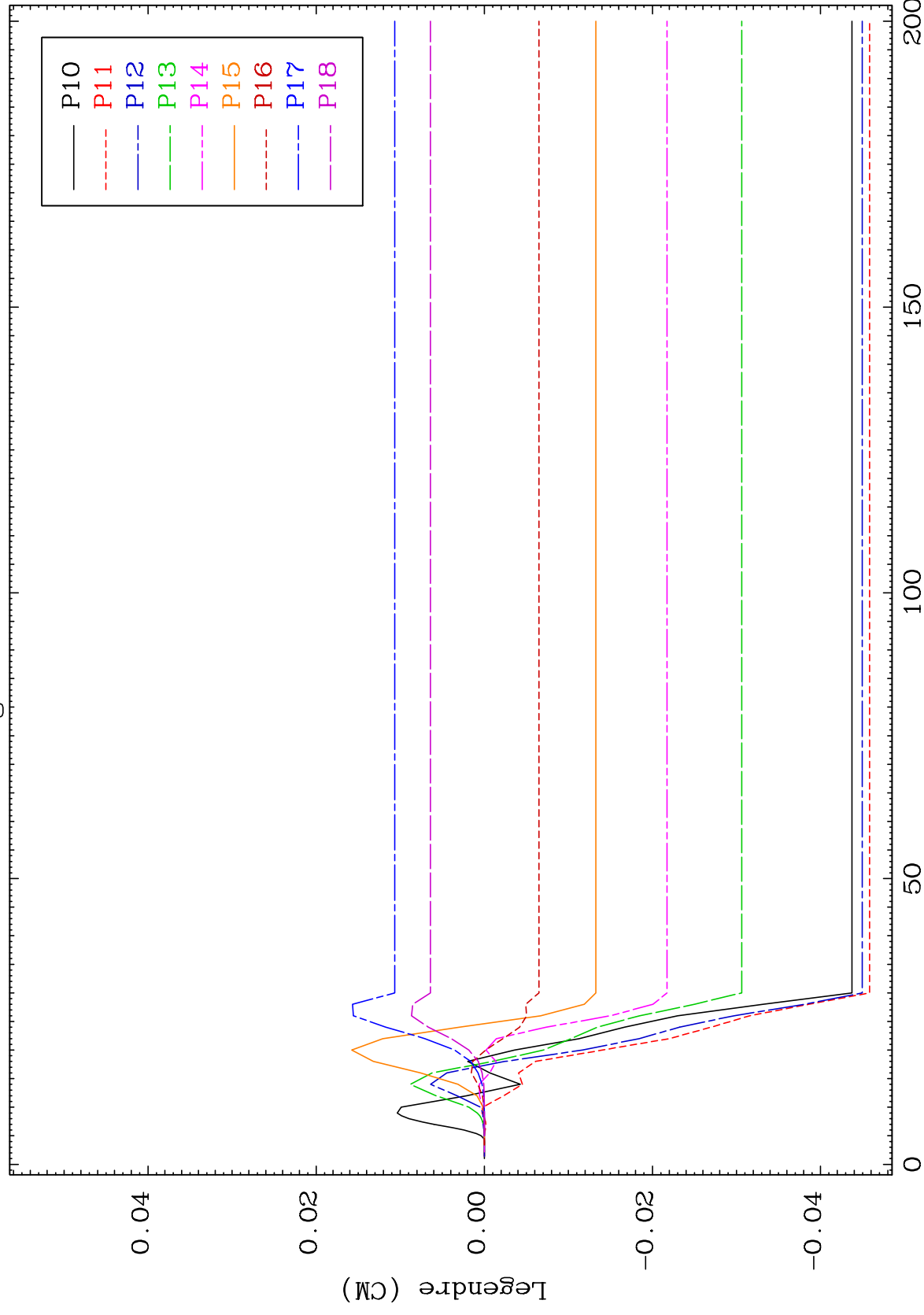
64-Gd-140



MAT 6389

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

64-Gd-140



32

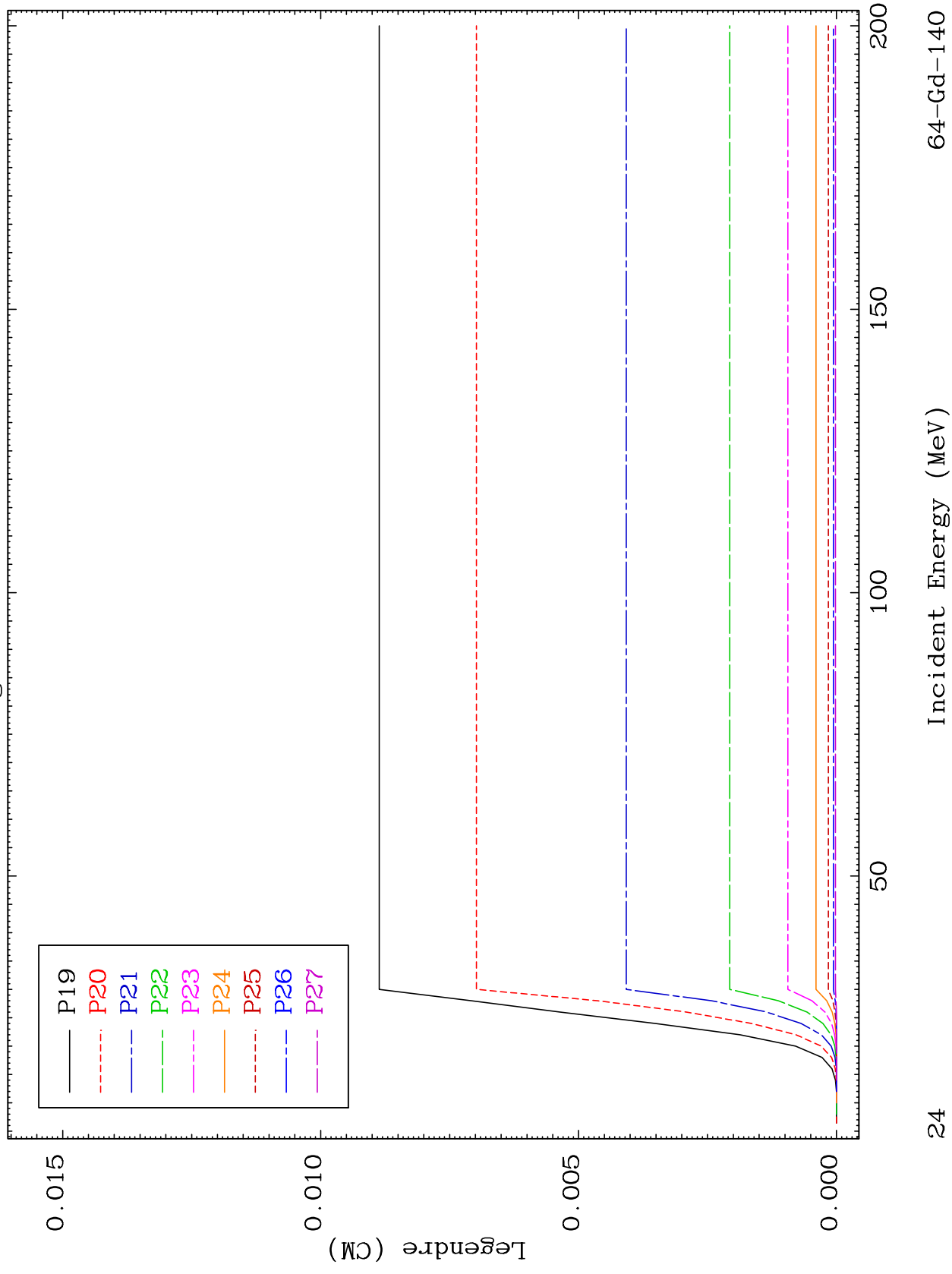
Incident Energy (MeV)

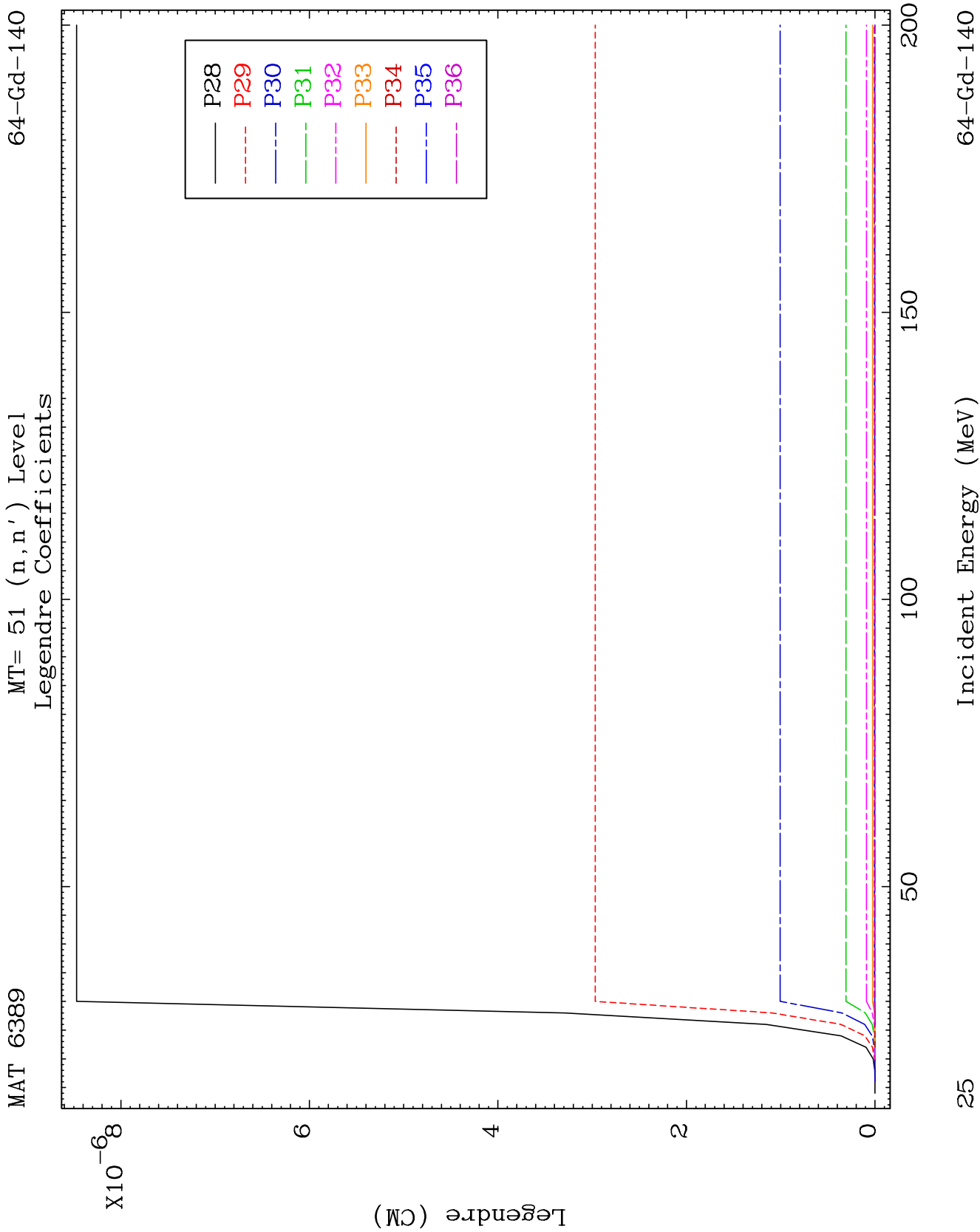
64-Gd-140

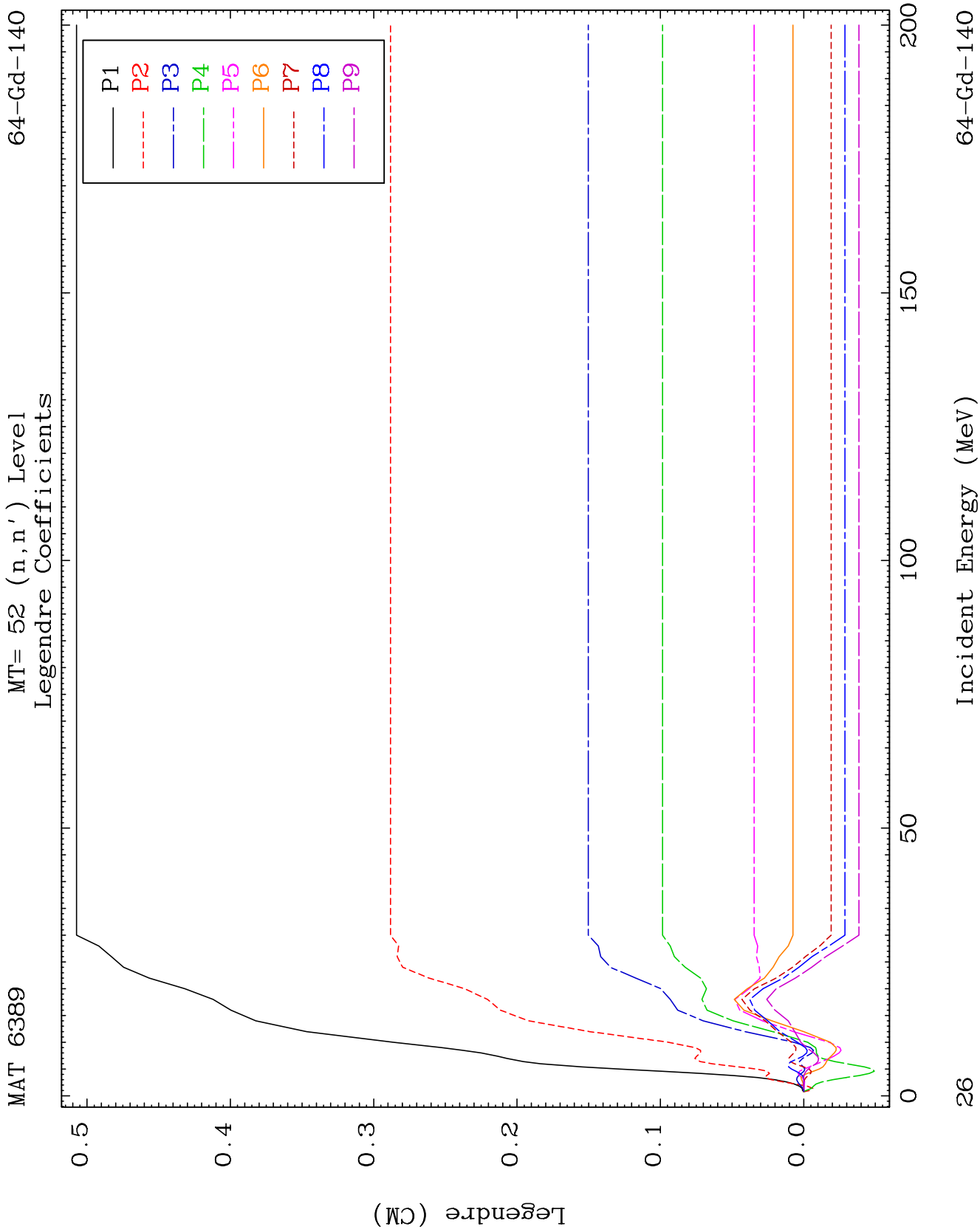
MAT 6389

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

64-Gd-140



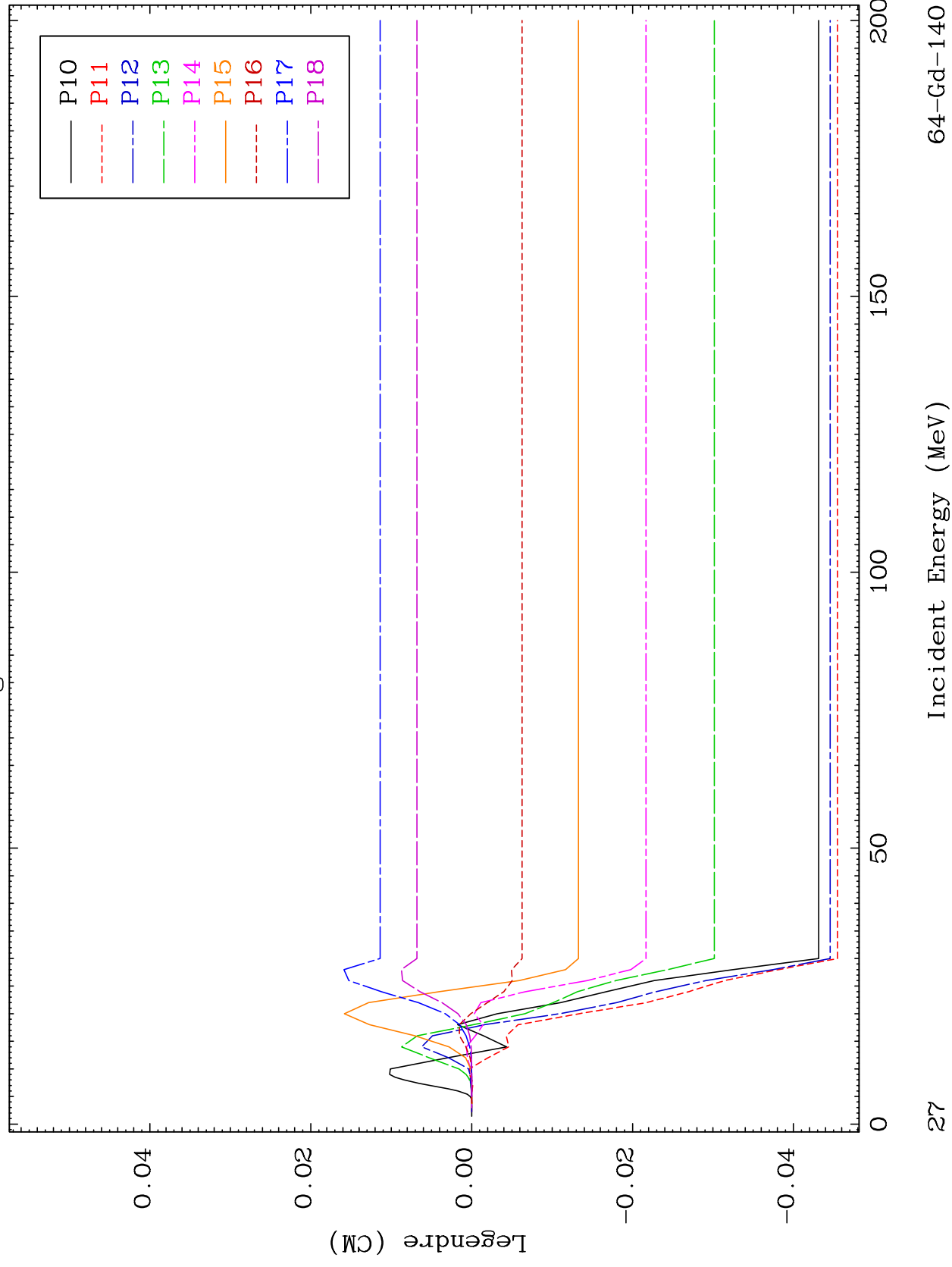


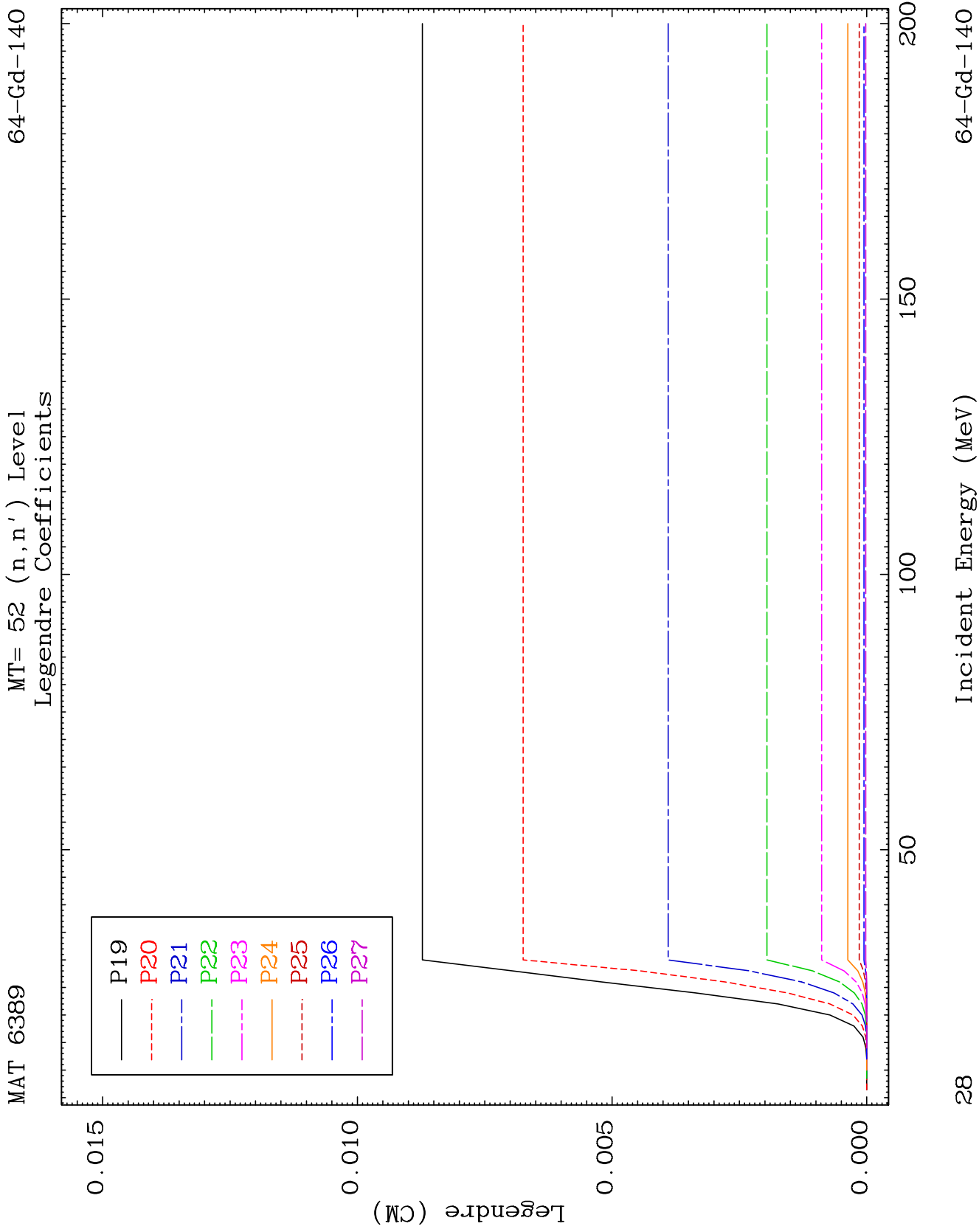


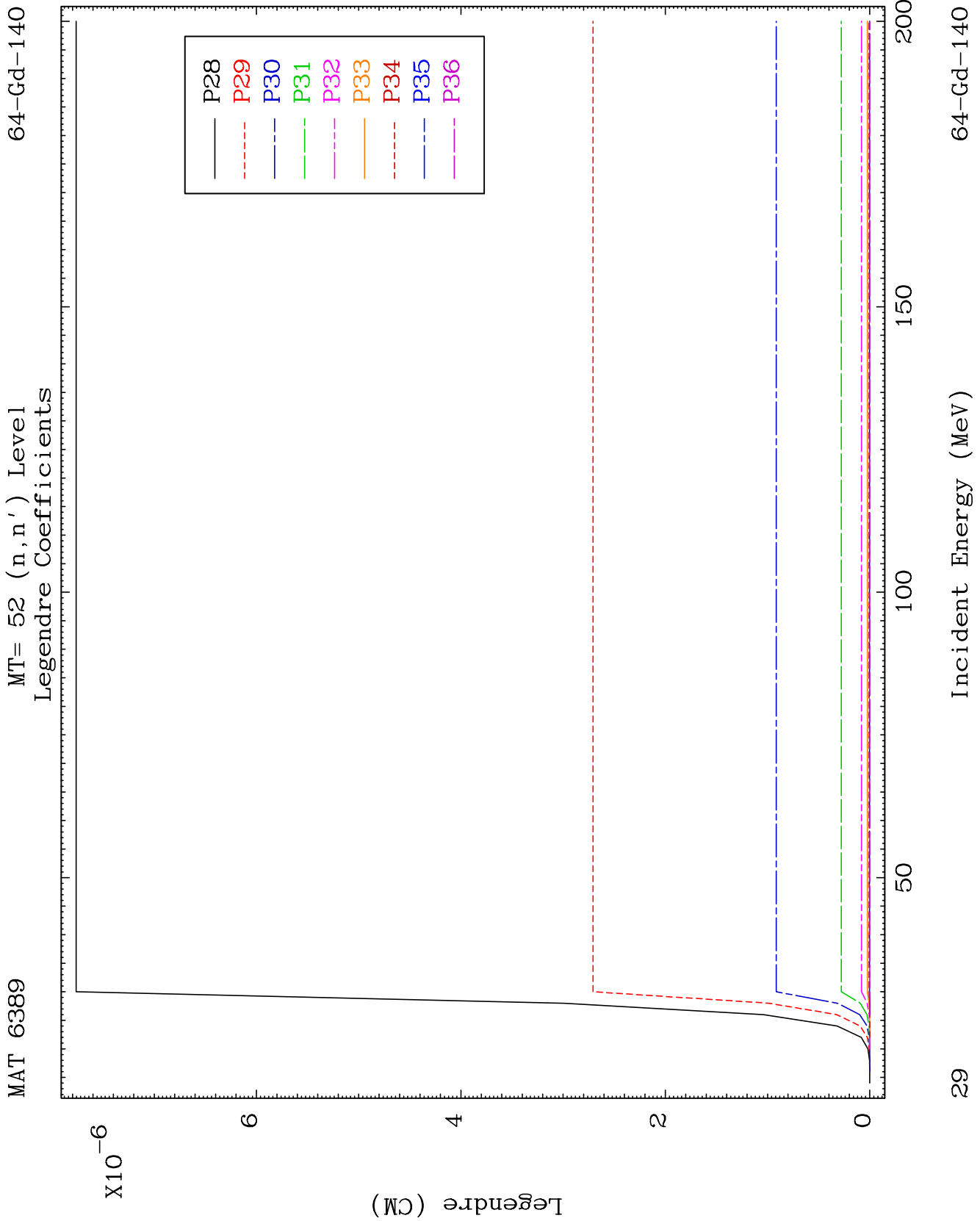
MAT 6389

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

64-Gd-140



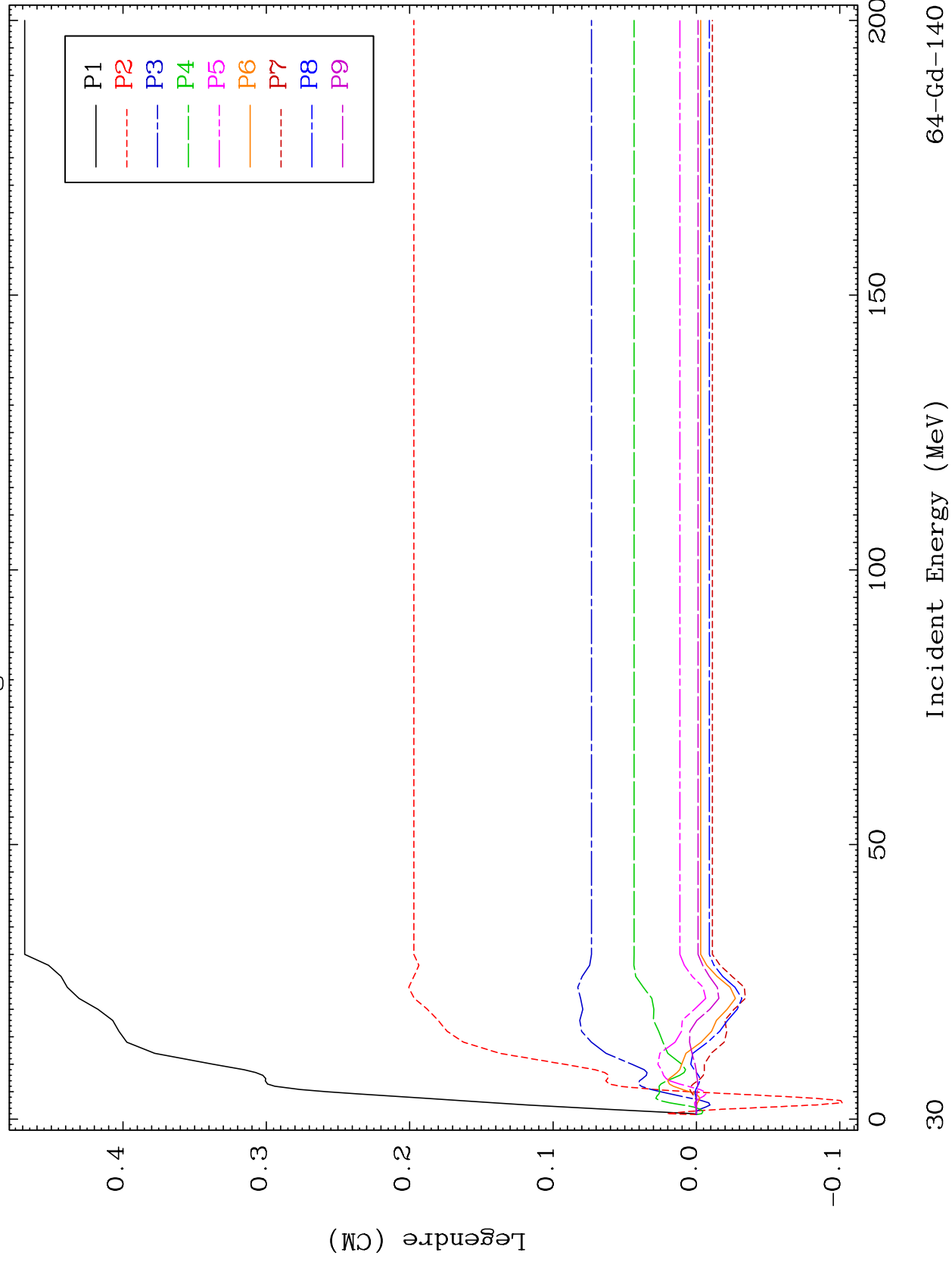




MAT 6389

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

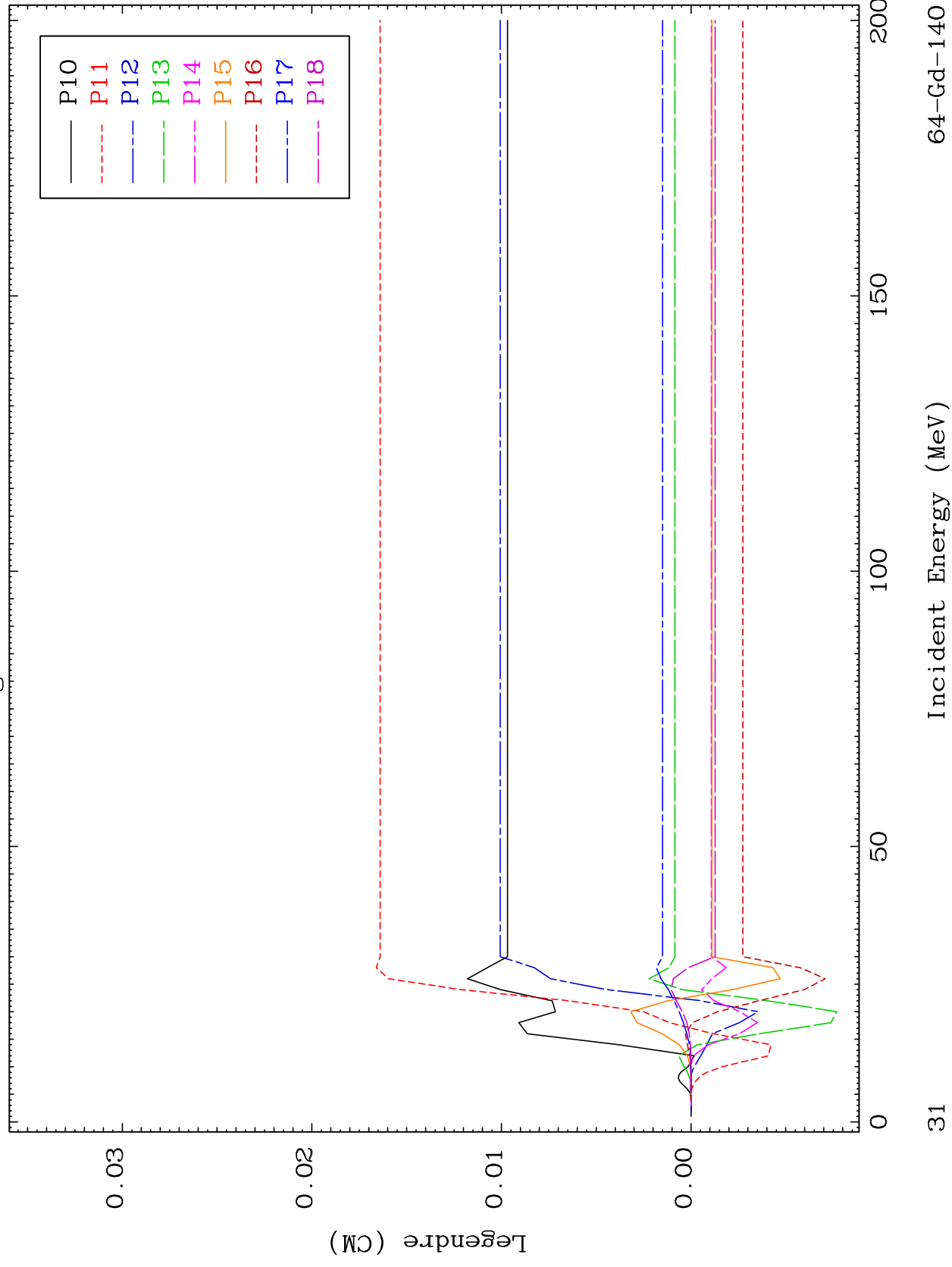
64-Gd-140



MAT 6389

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

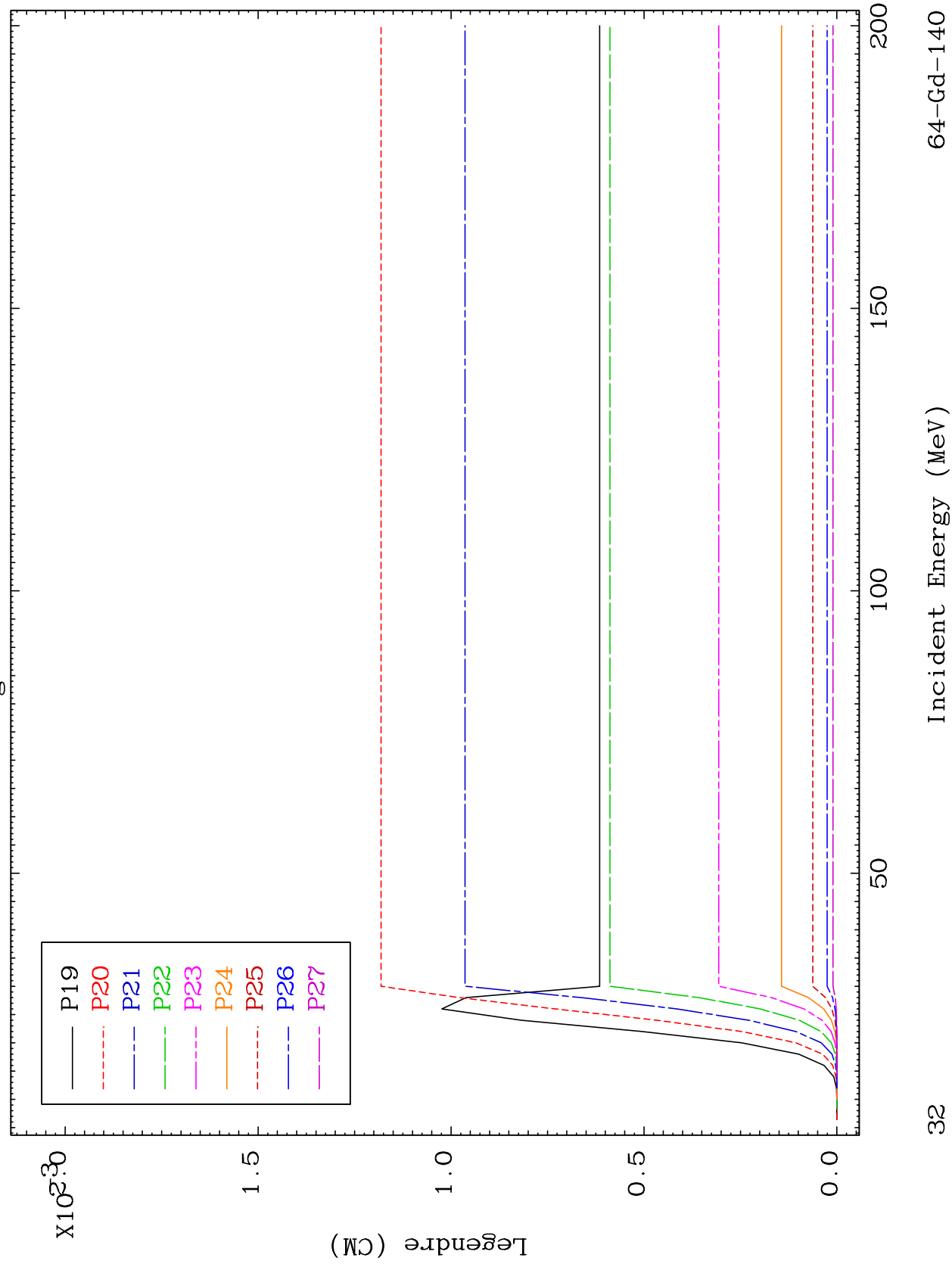
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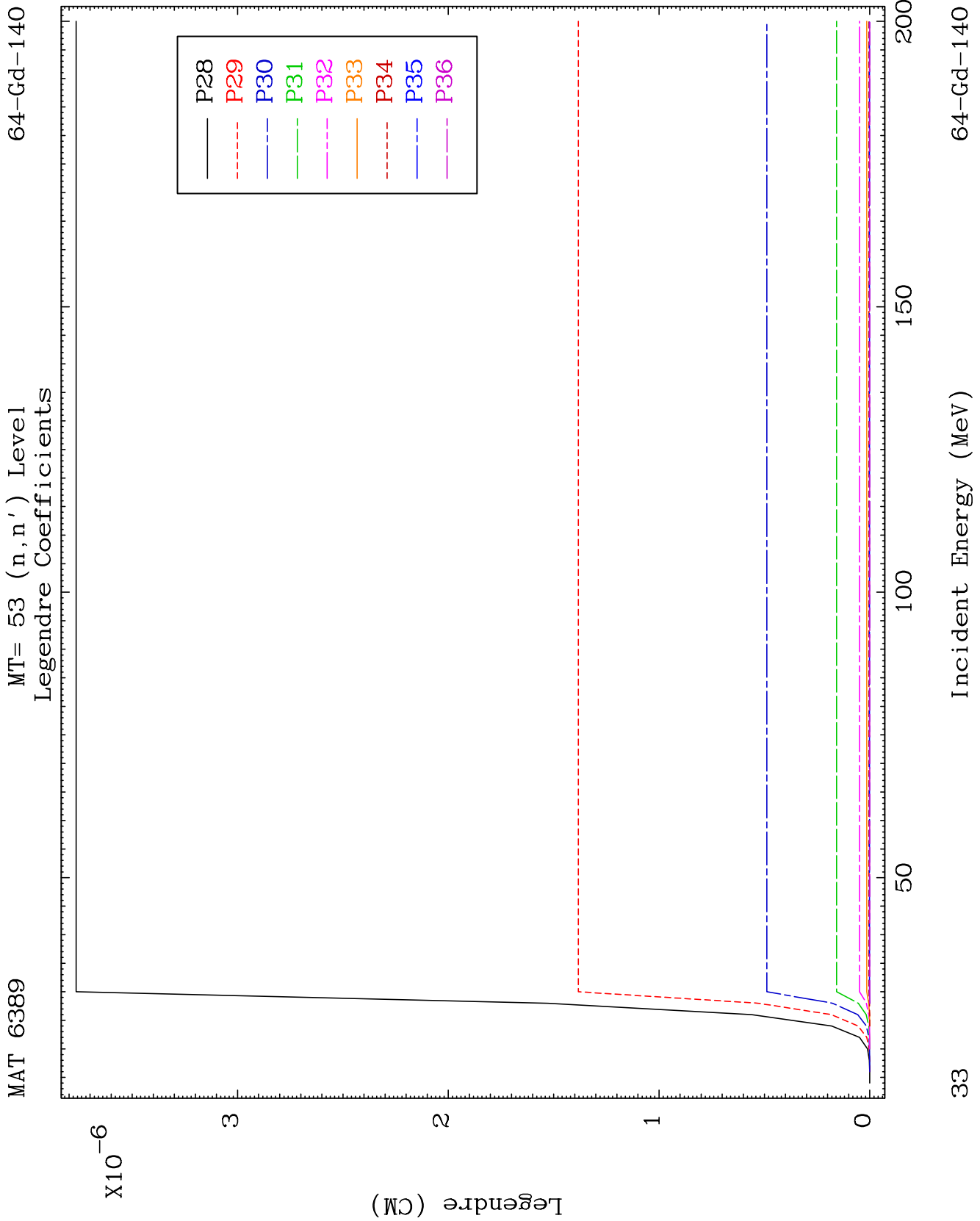


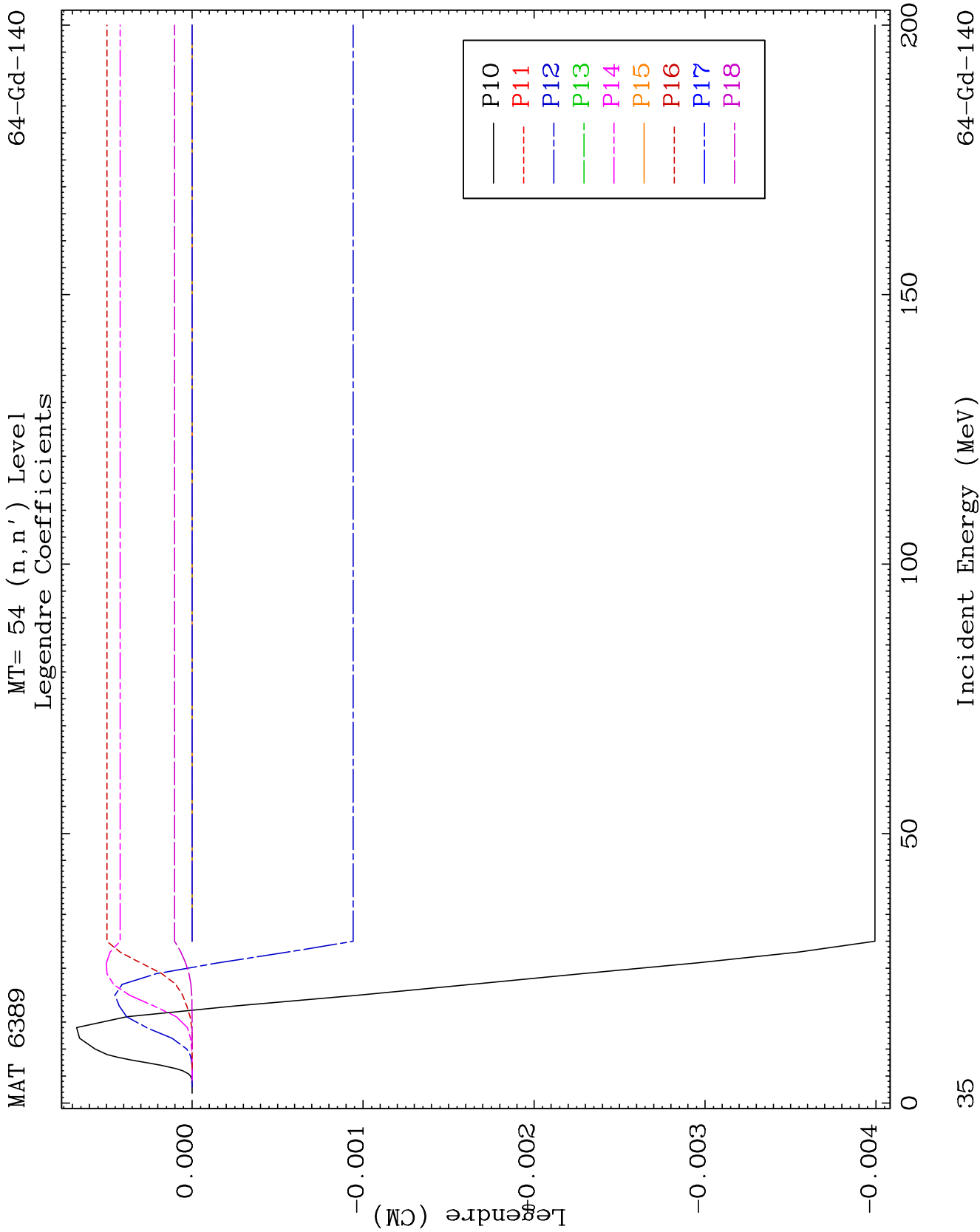
MAT 6389

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

64-Gd-140



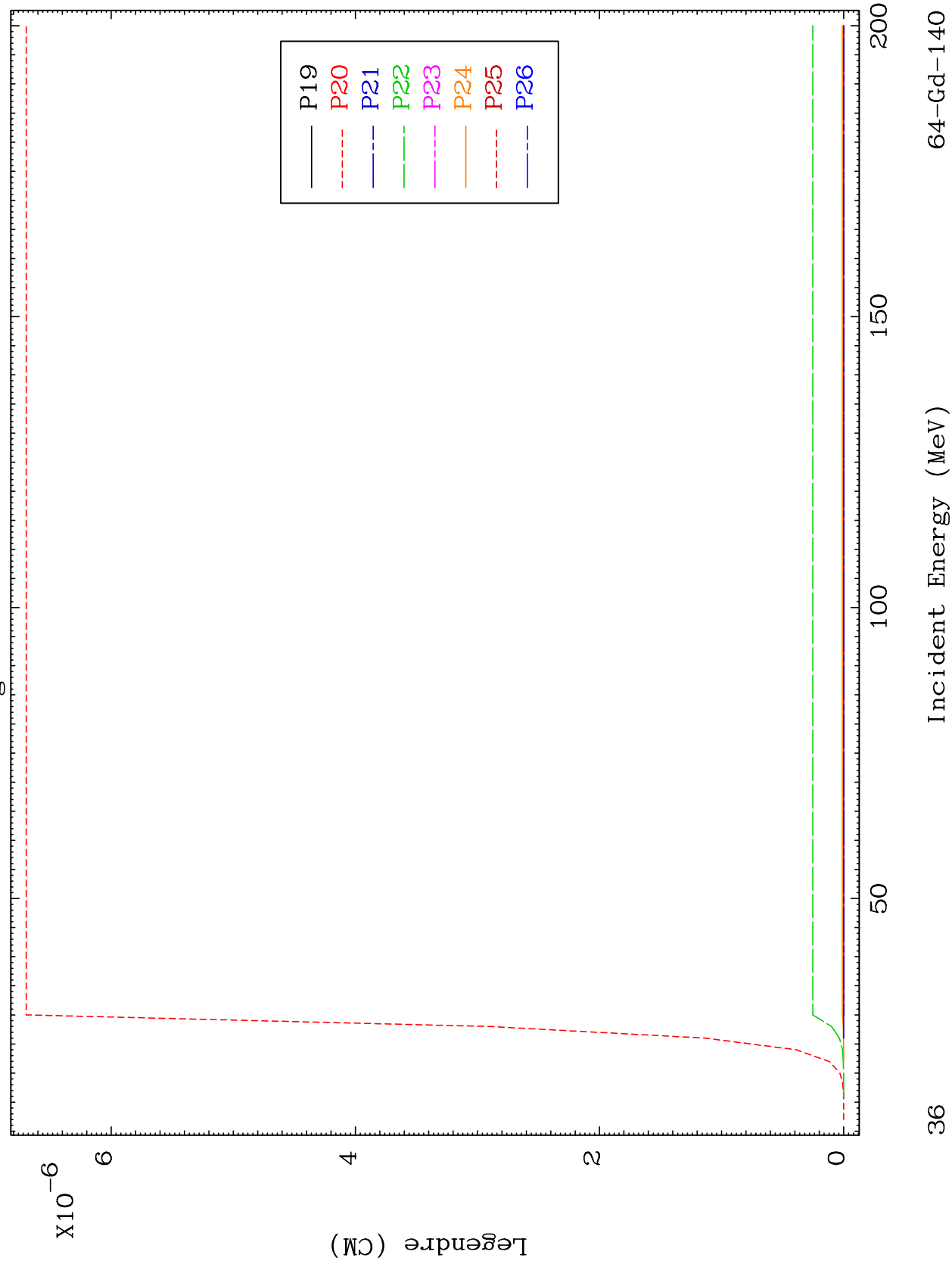


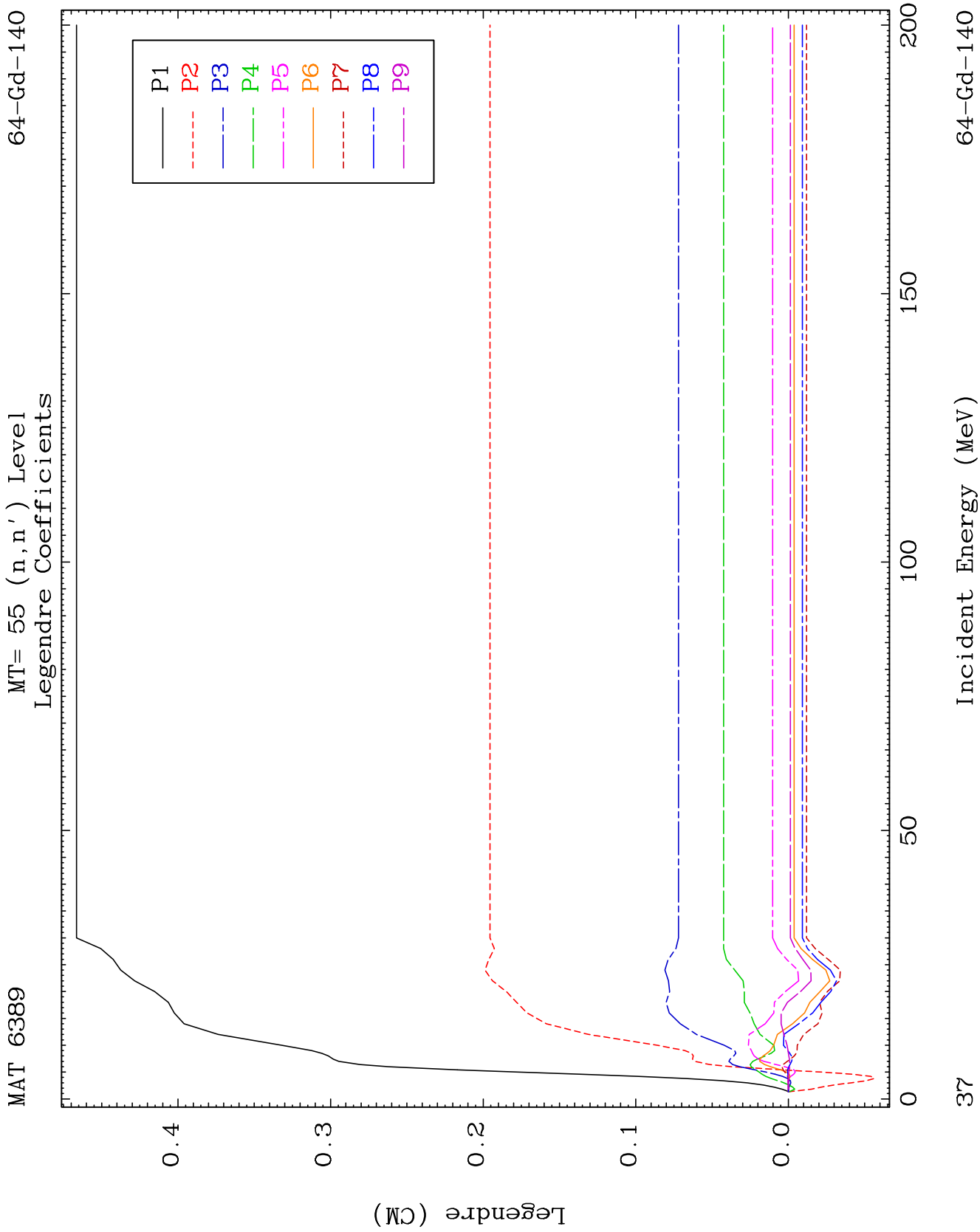


MAT 6389

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

64-Gd-140

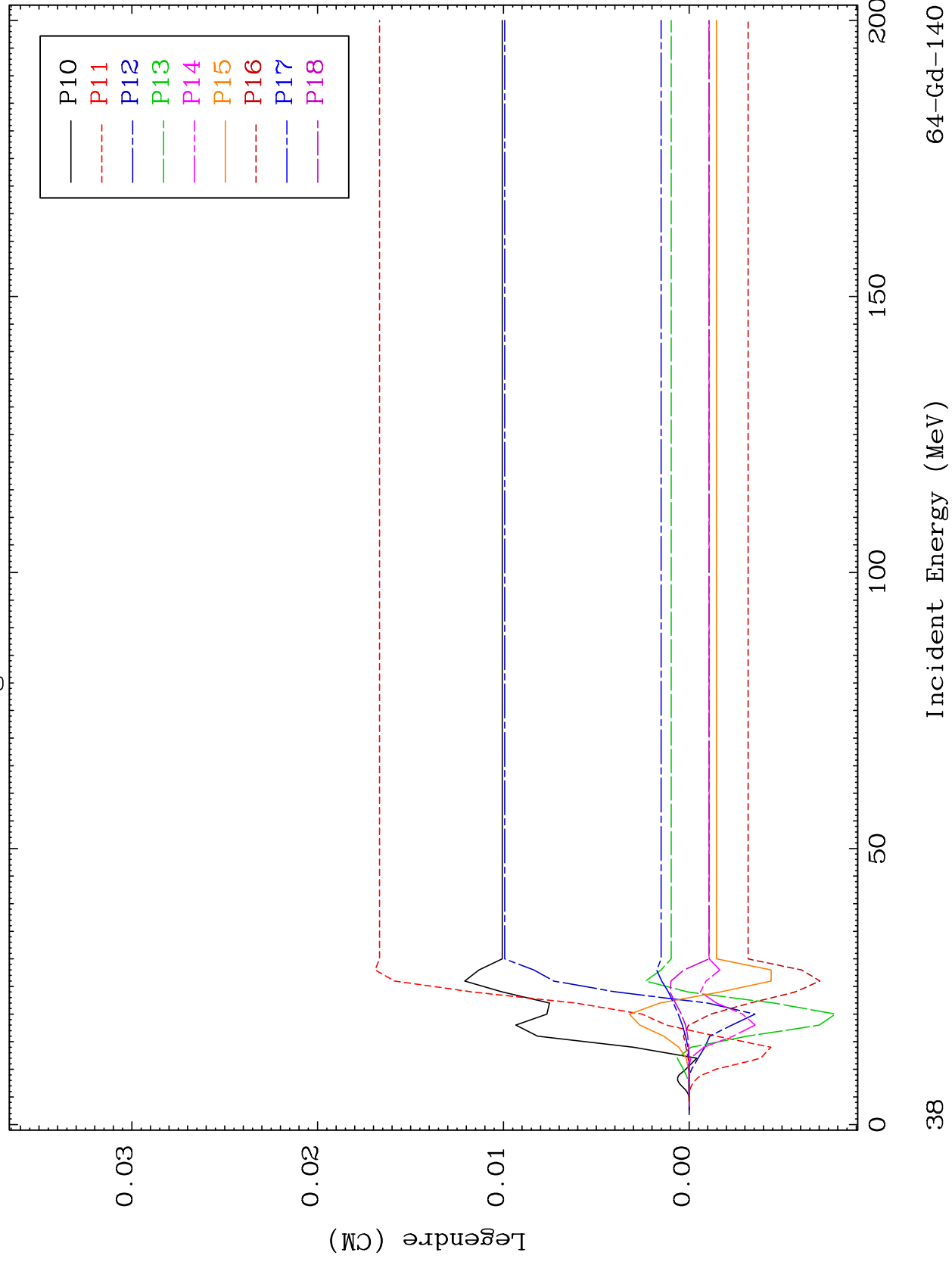


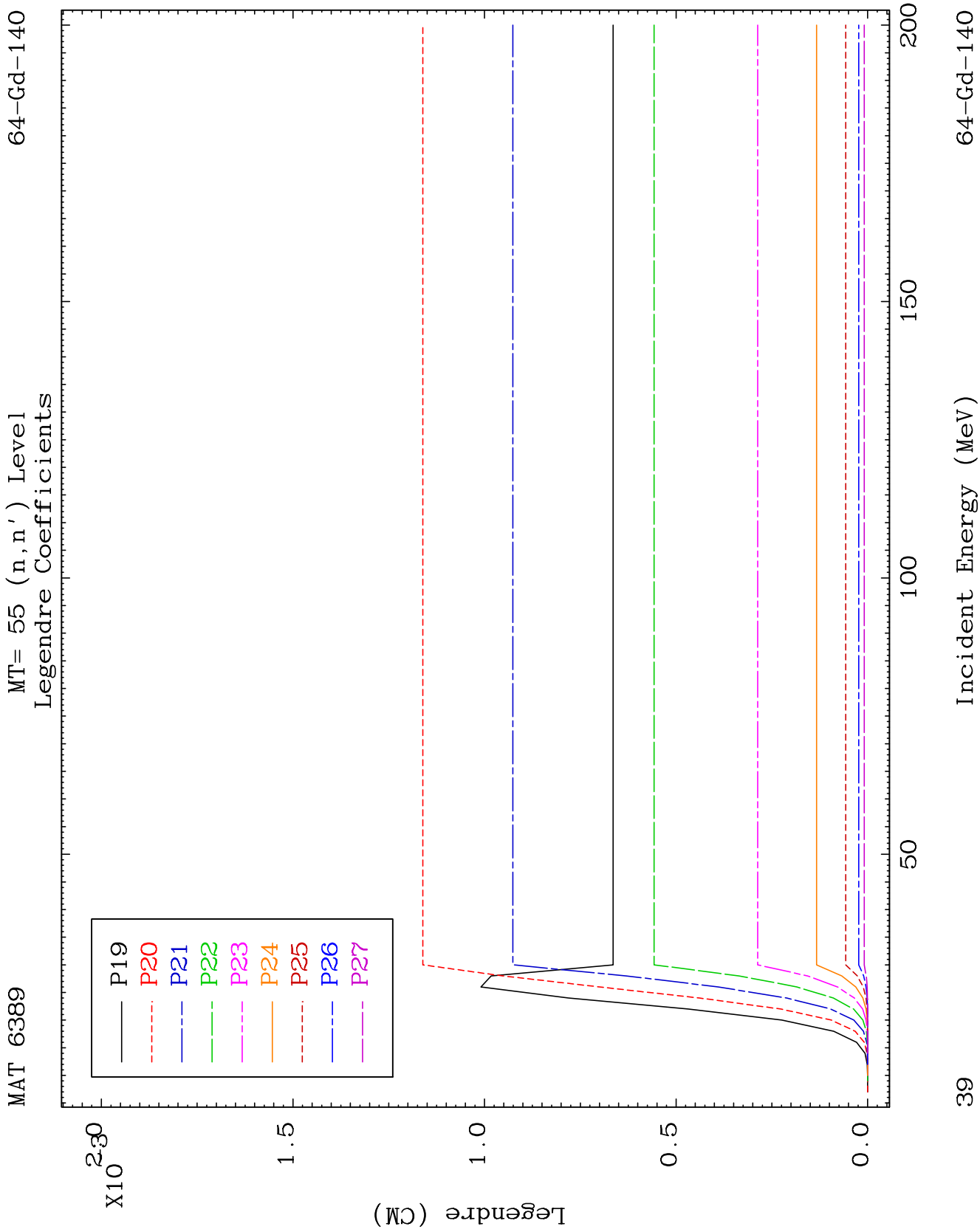


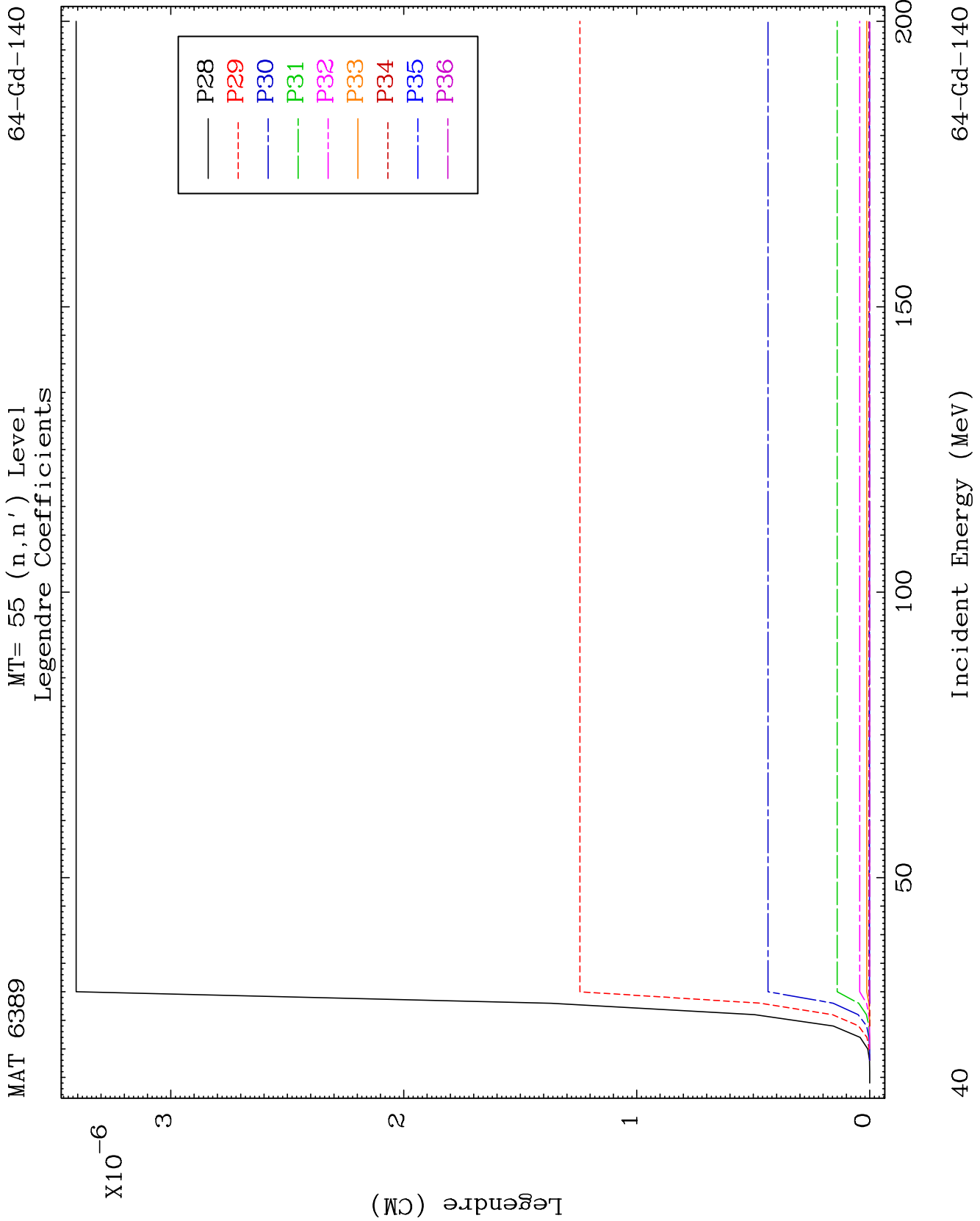
MAT 6389

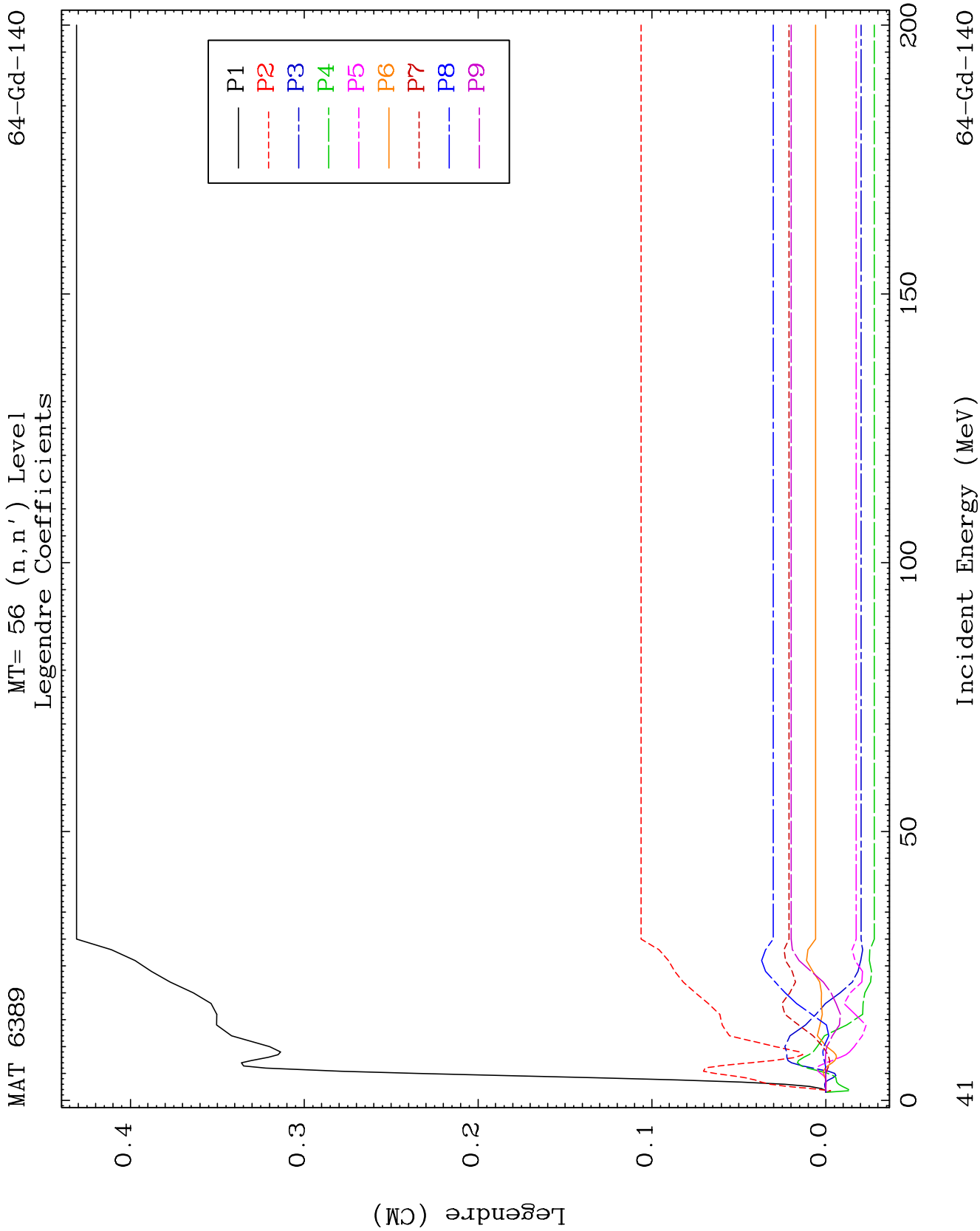
MT= 55 (n, n') Level
Legendre Coefficients

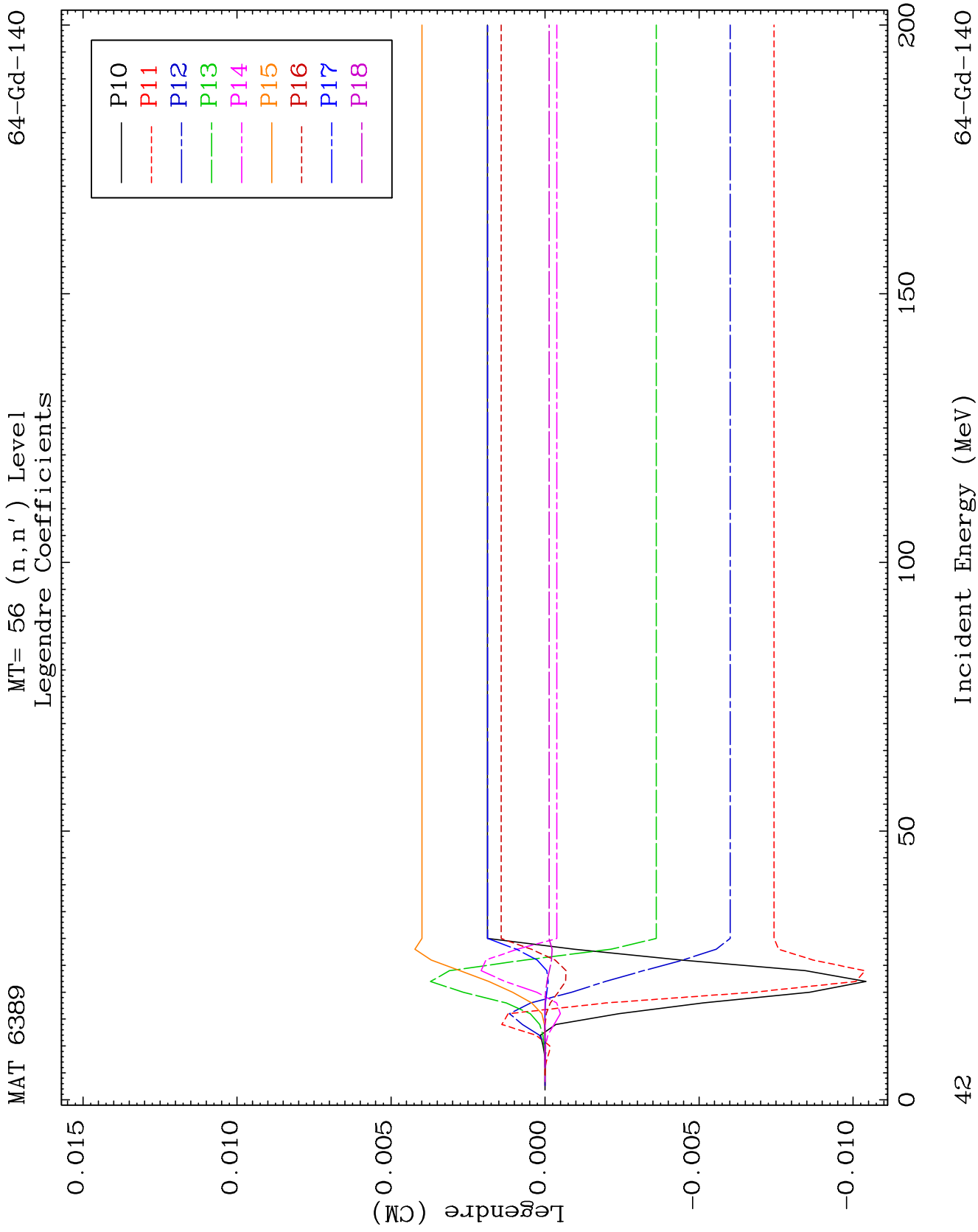
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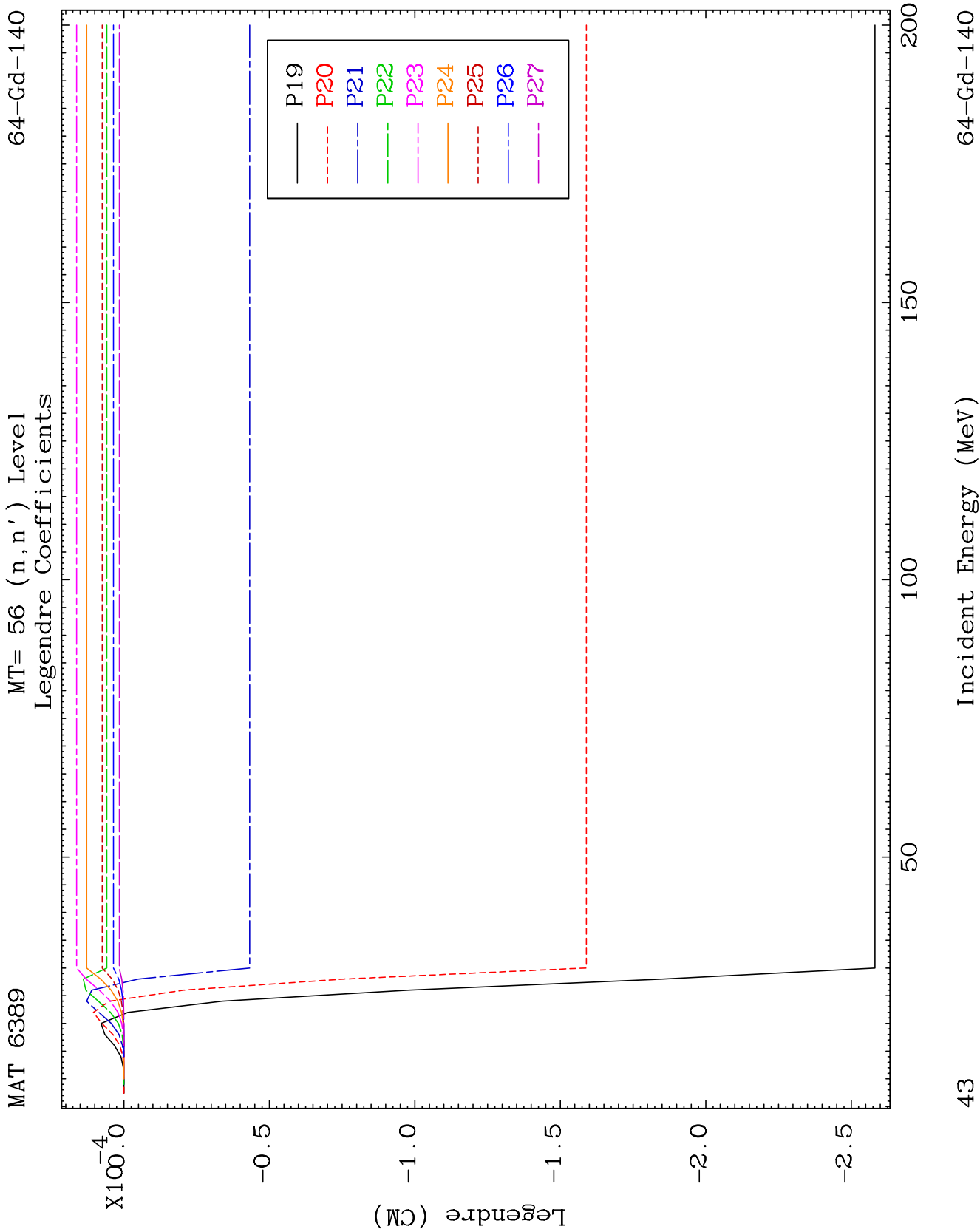


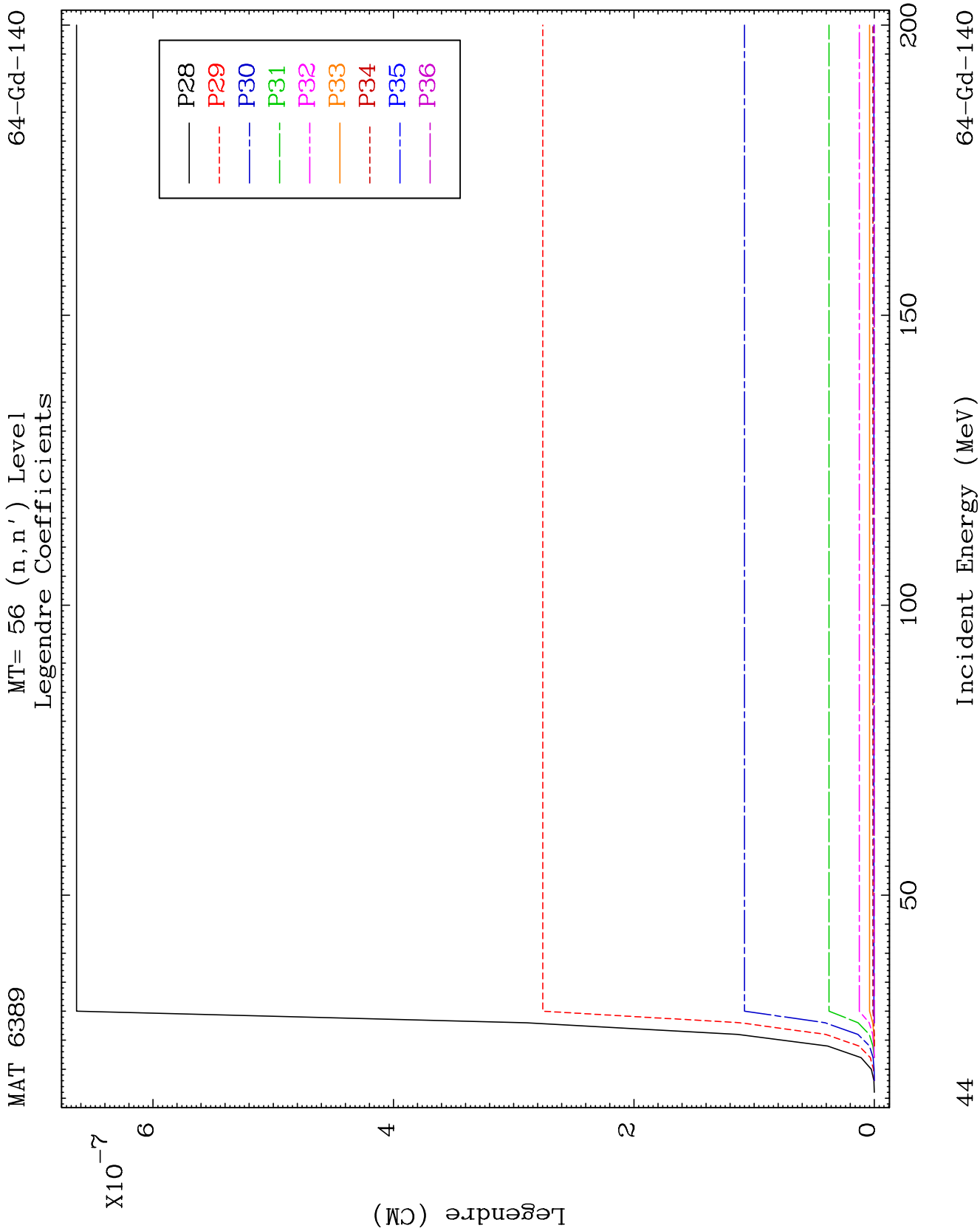


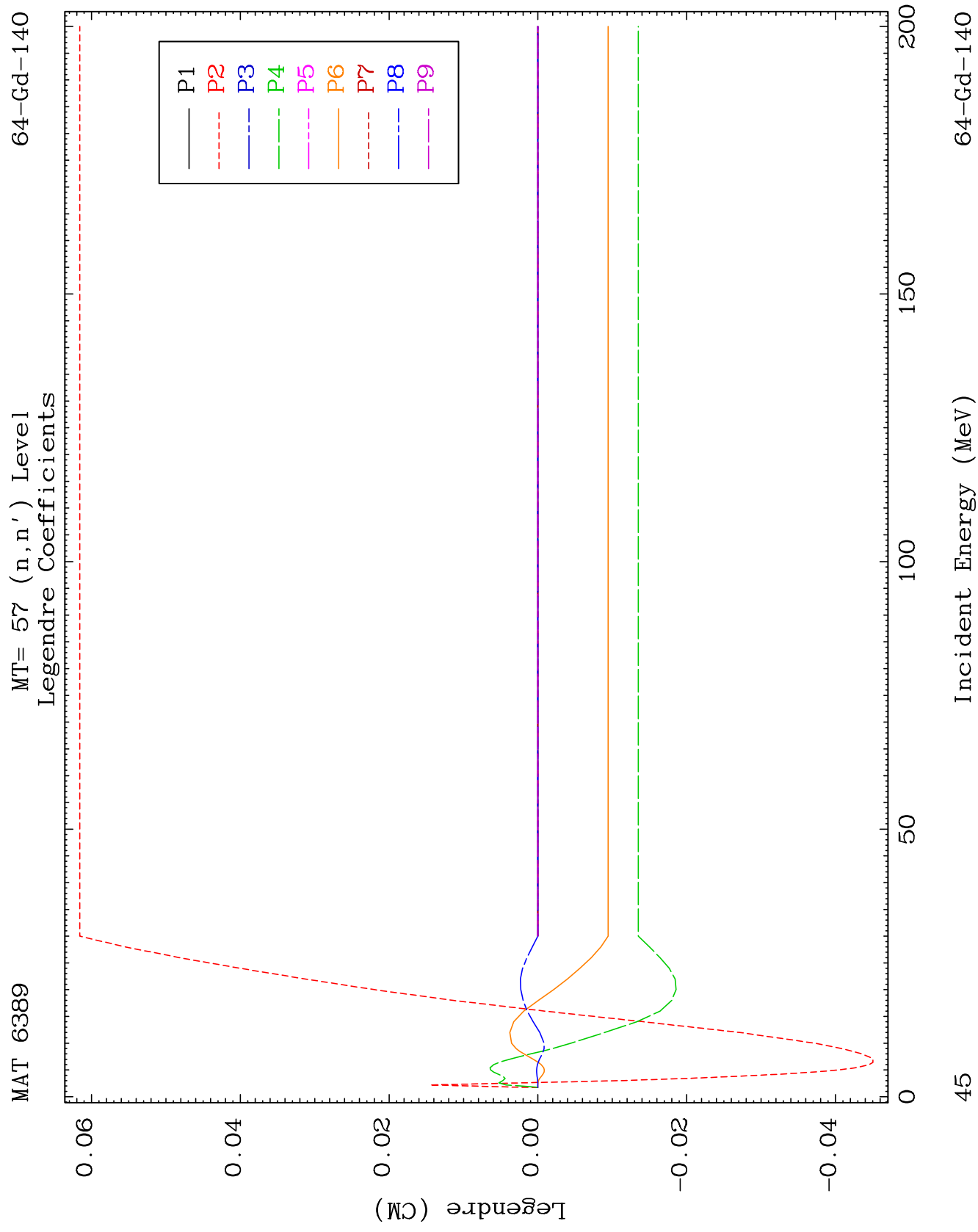


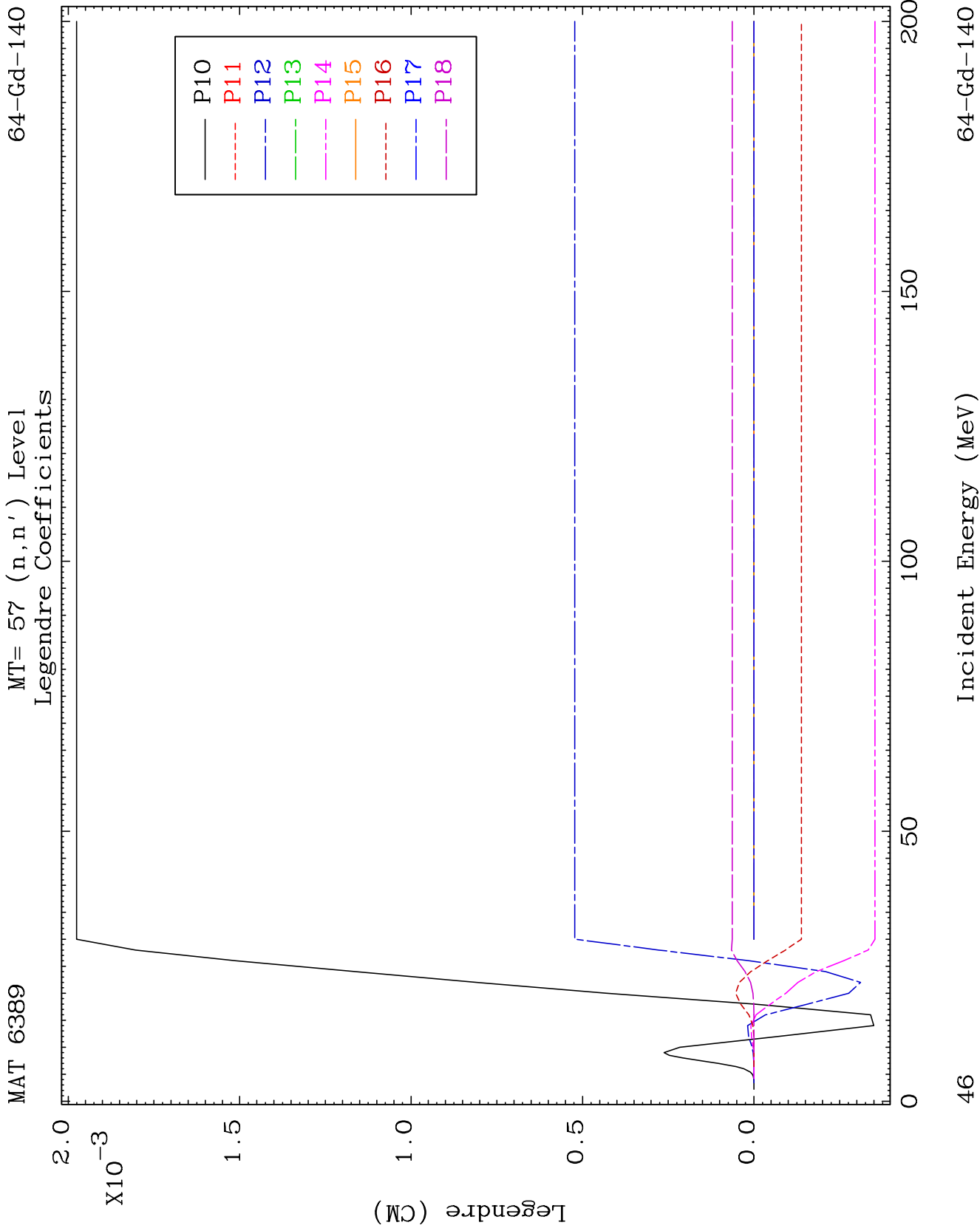


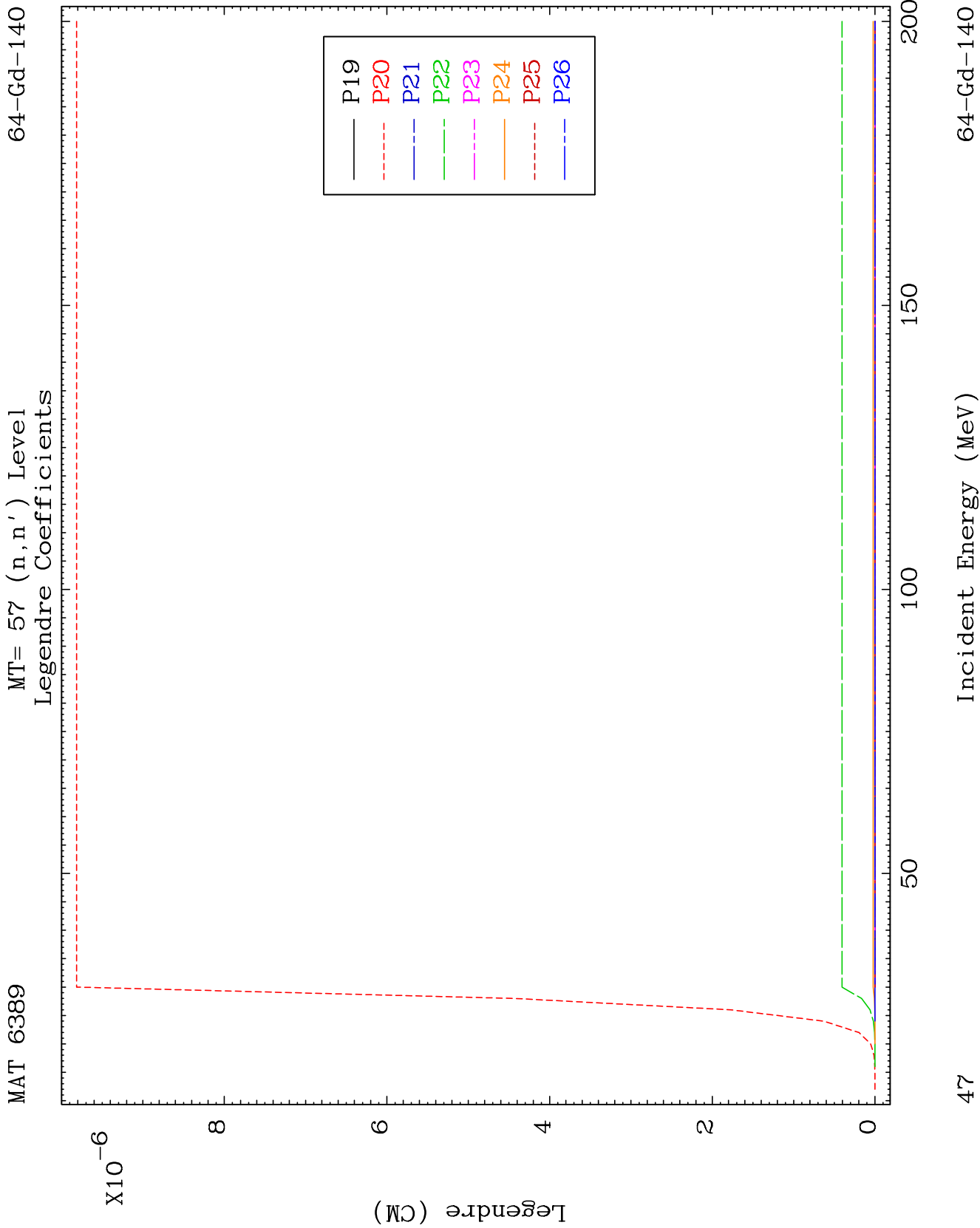


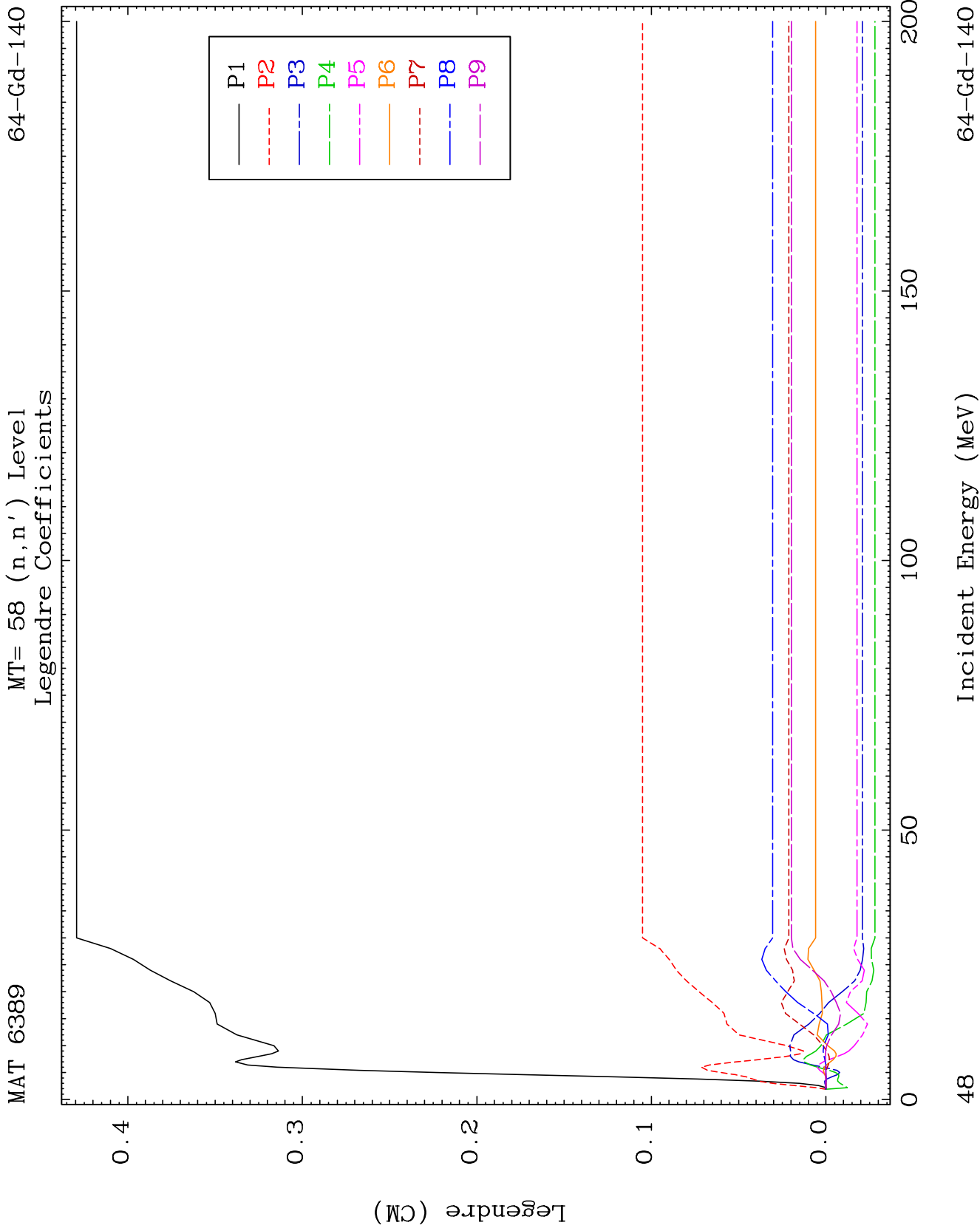








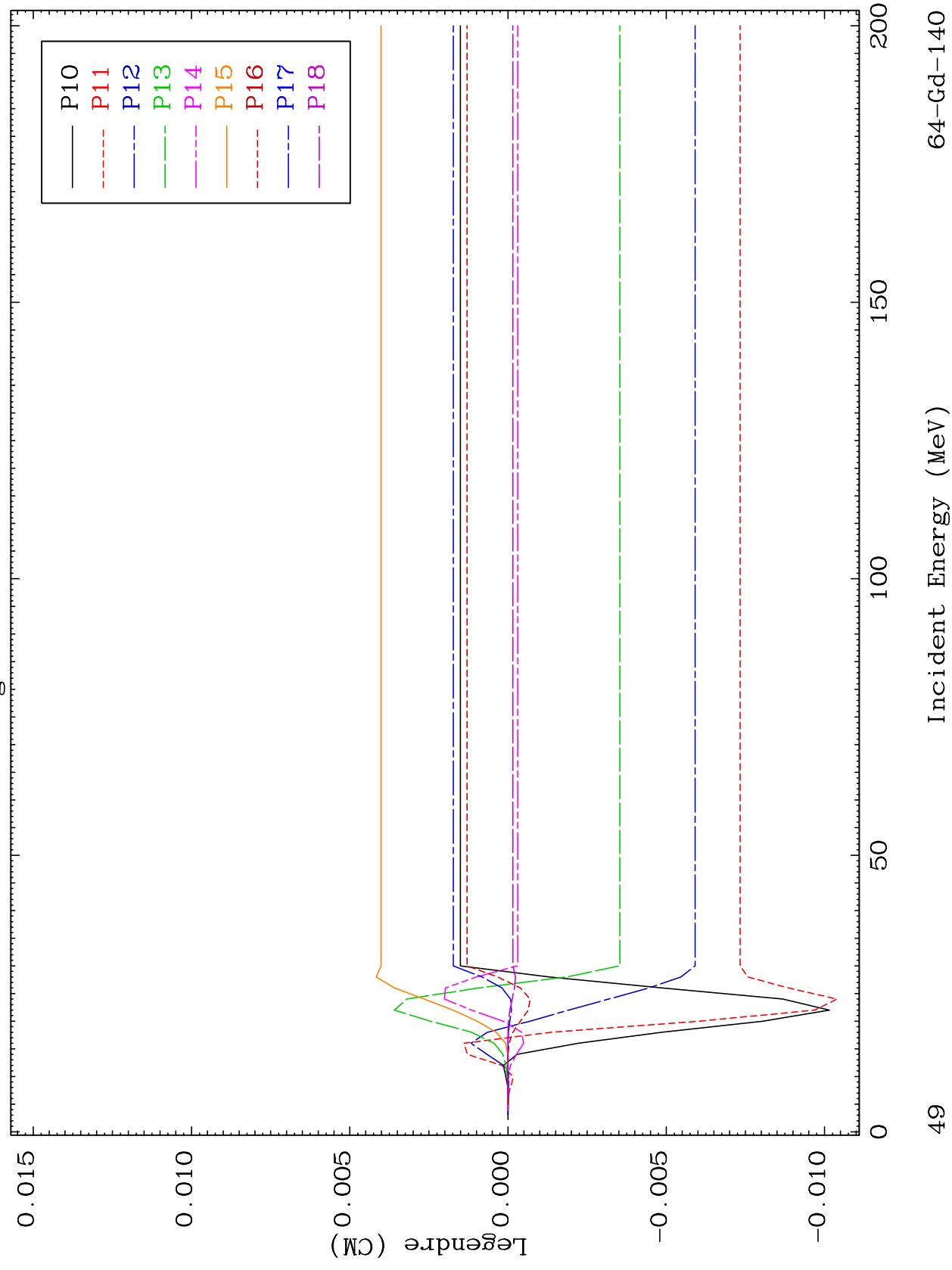


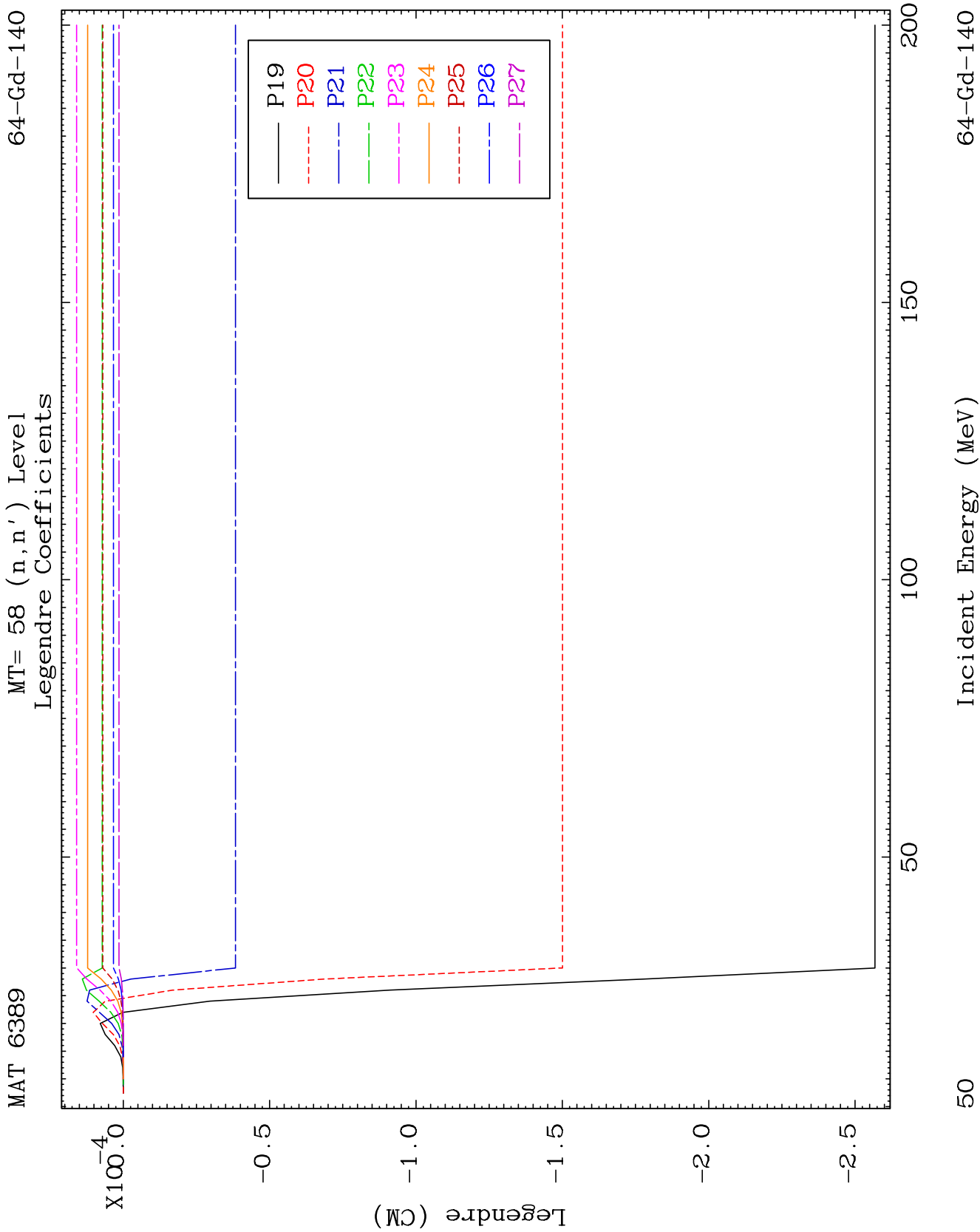


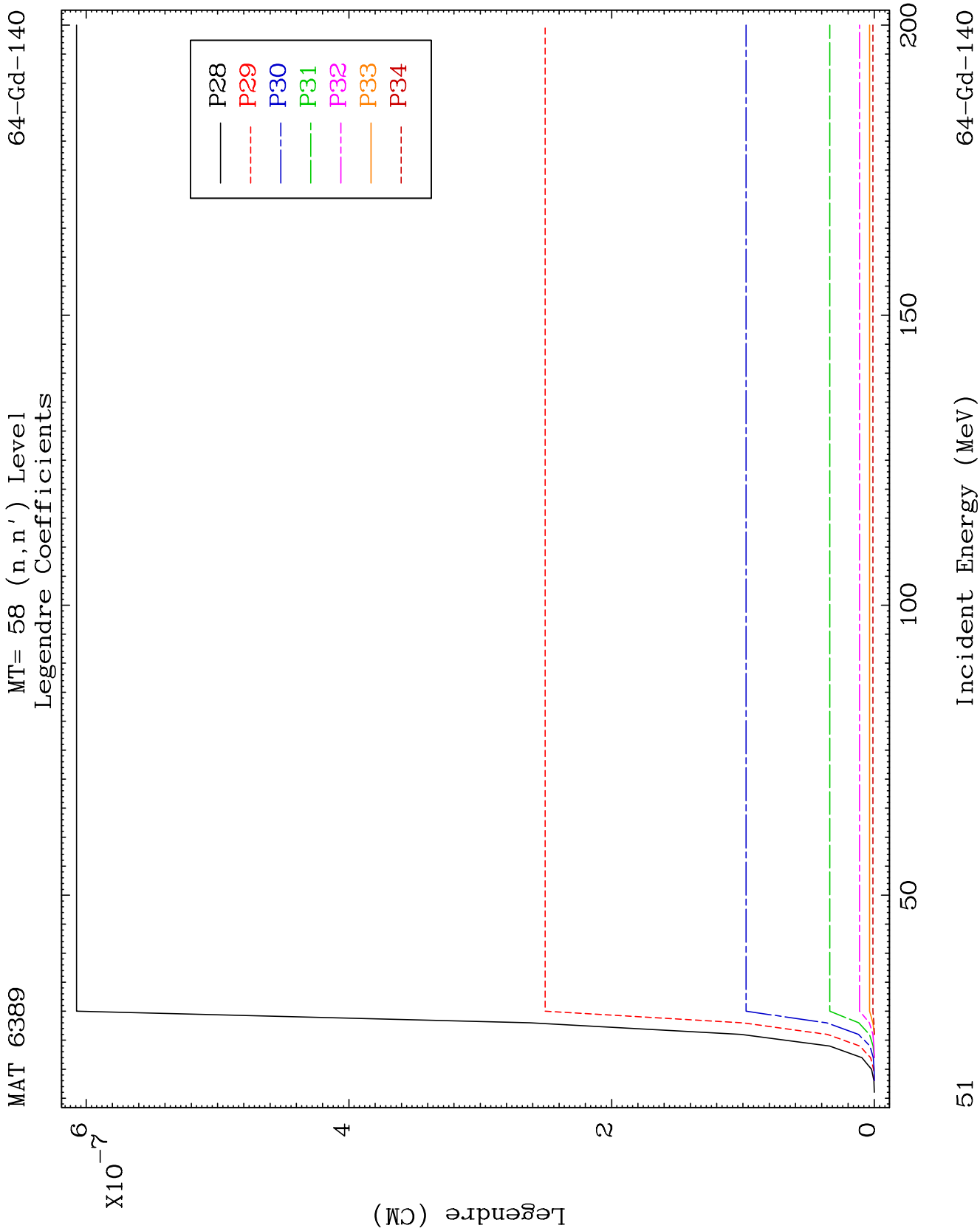
MAT 6389

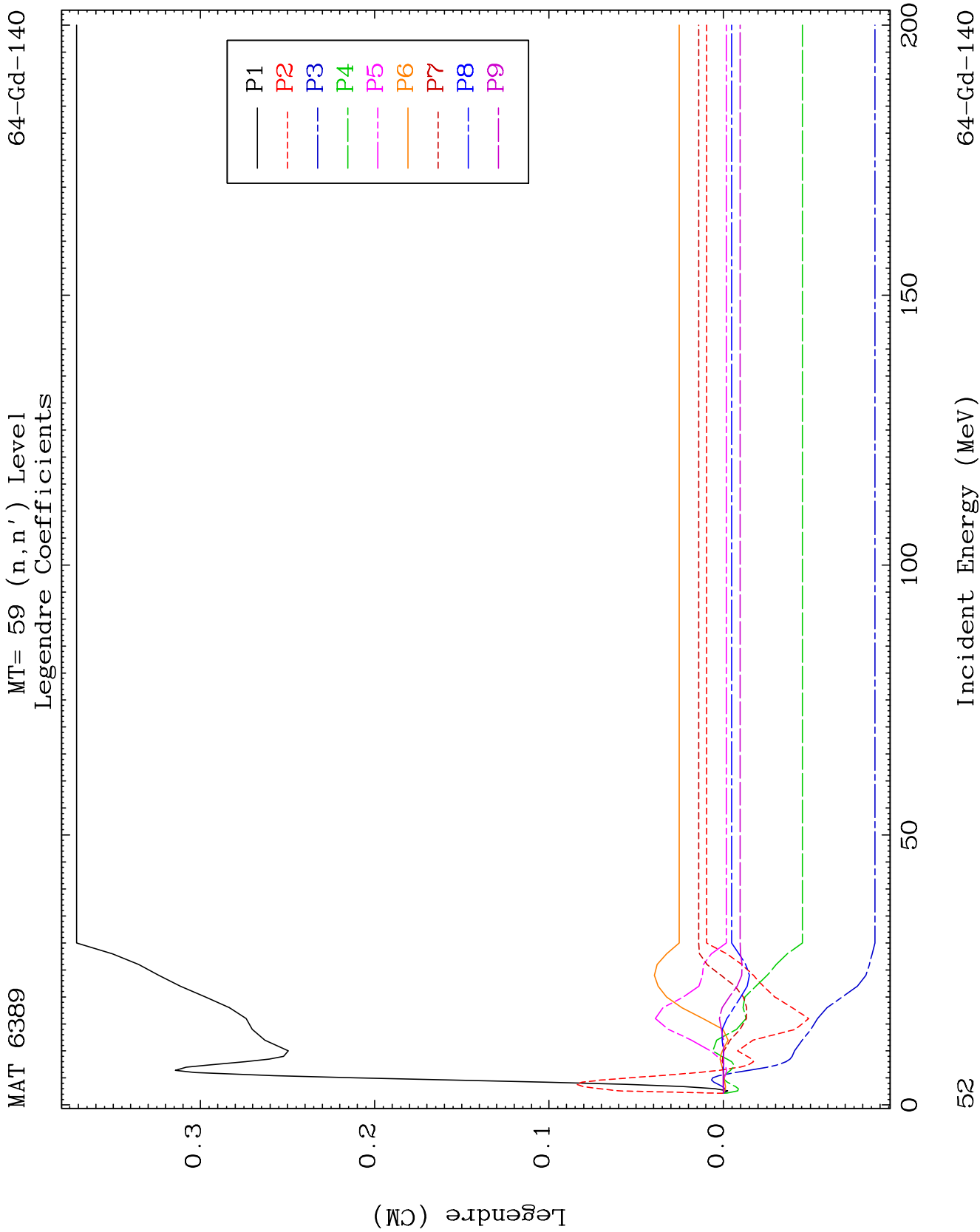
MT= 58 (n, n') Level
Legendre Coefficients

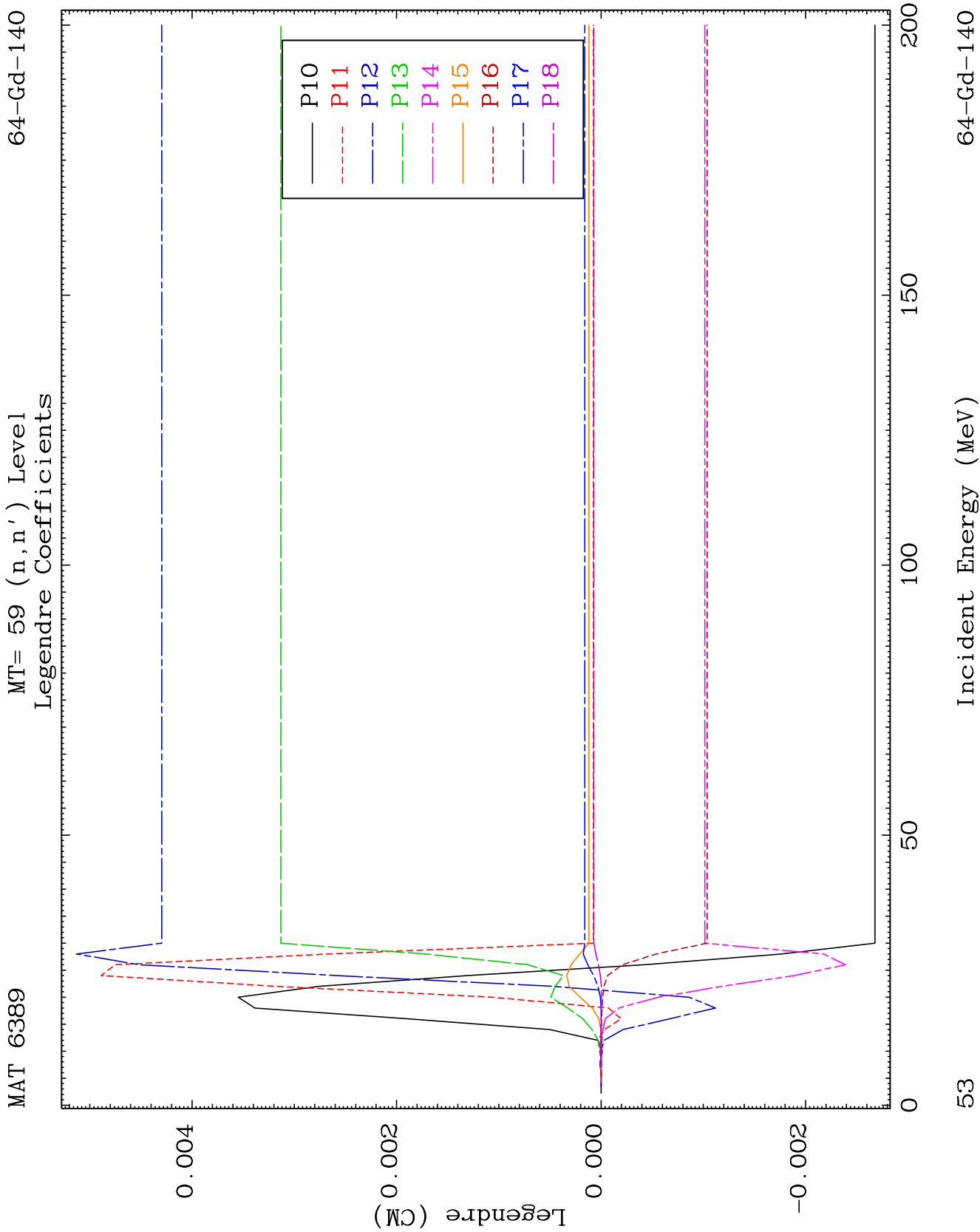
64-Gd-140

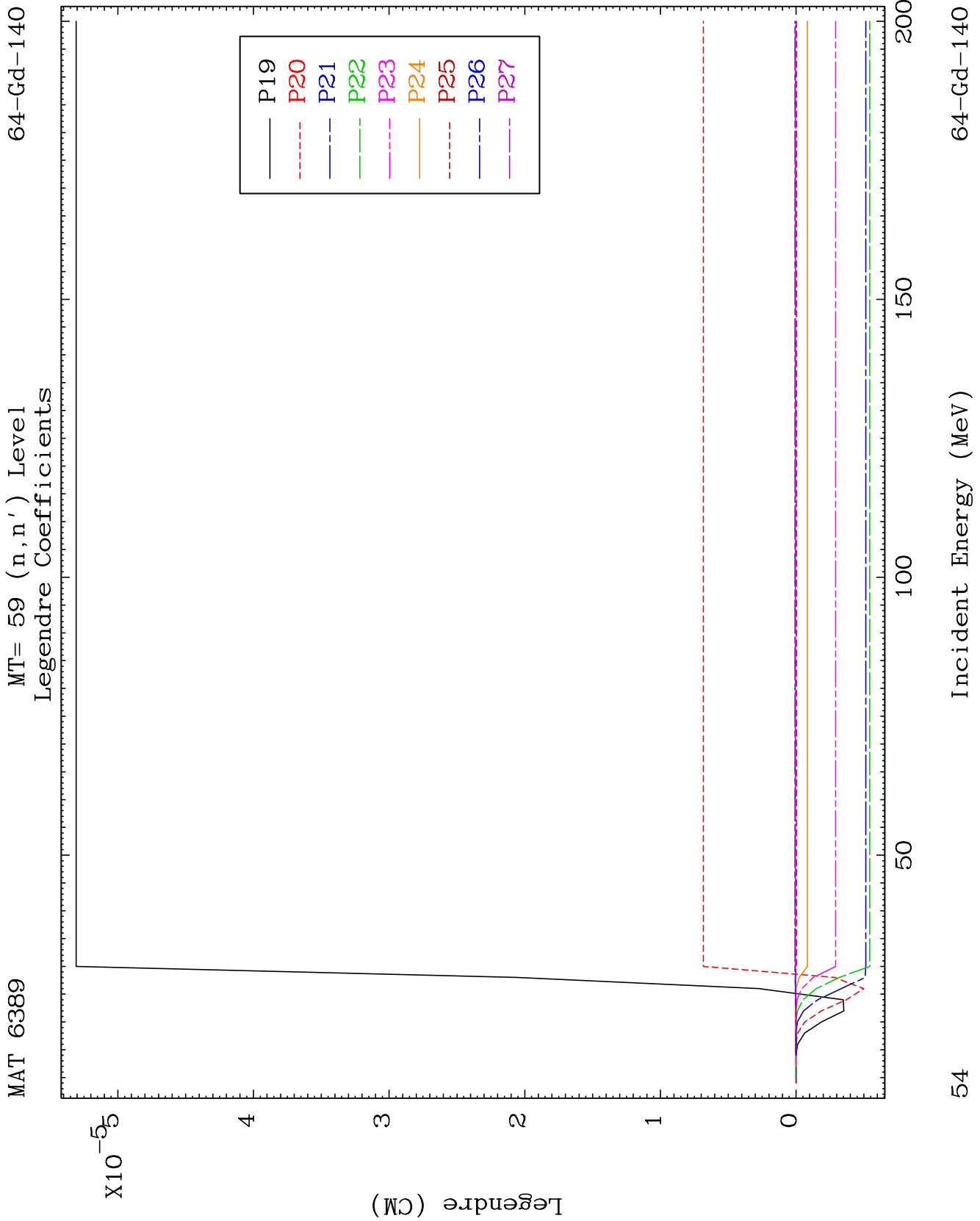


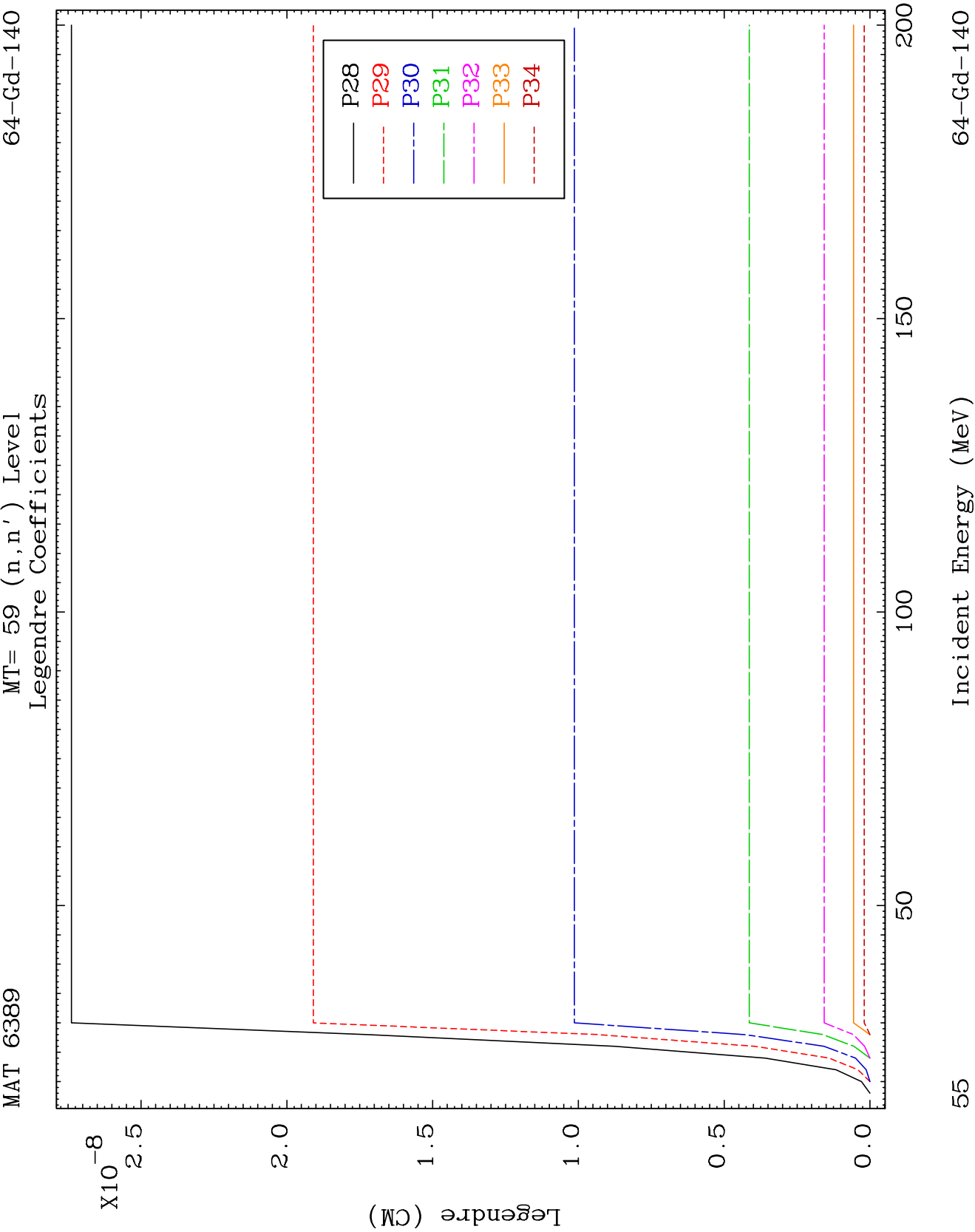


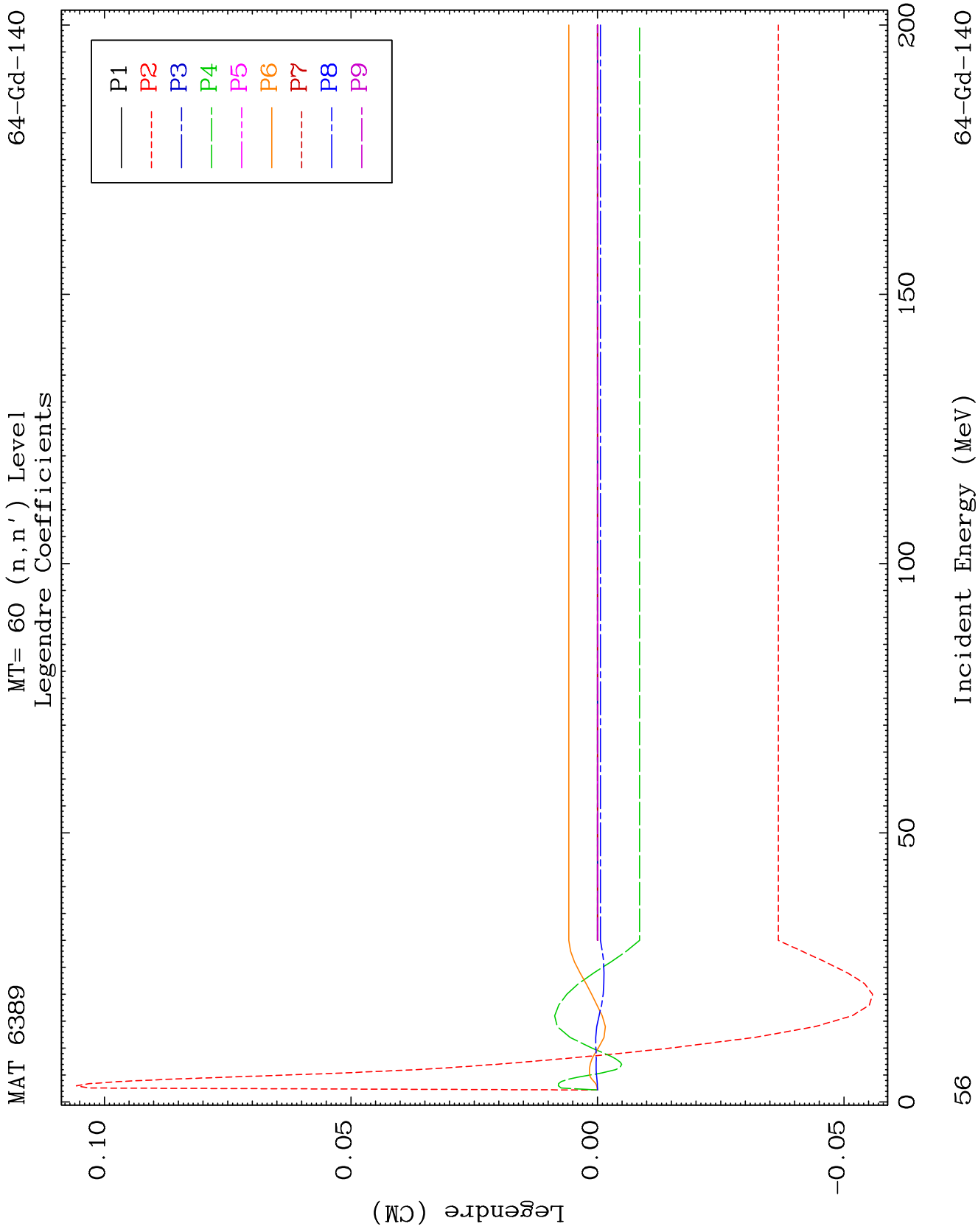


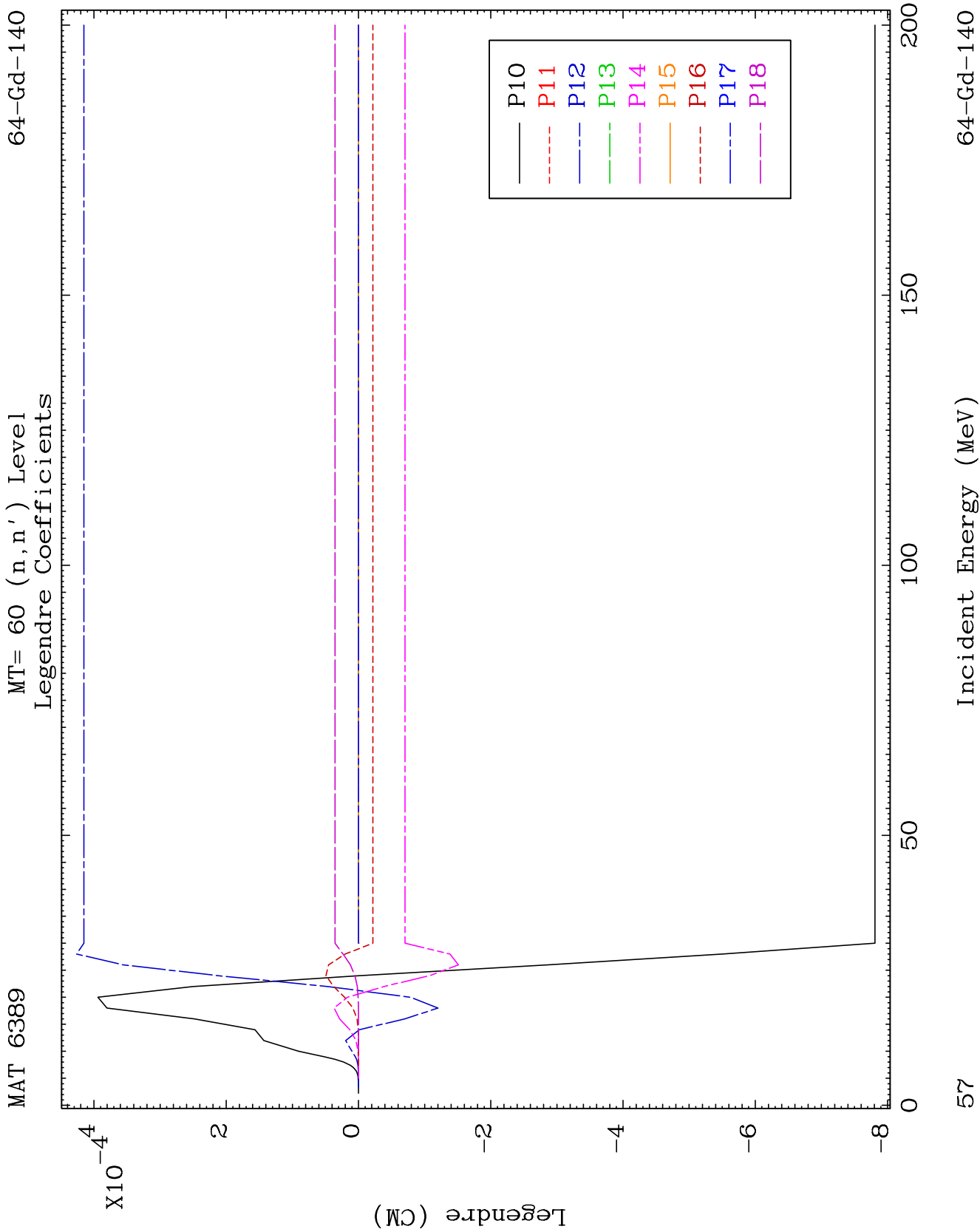


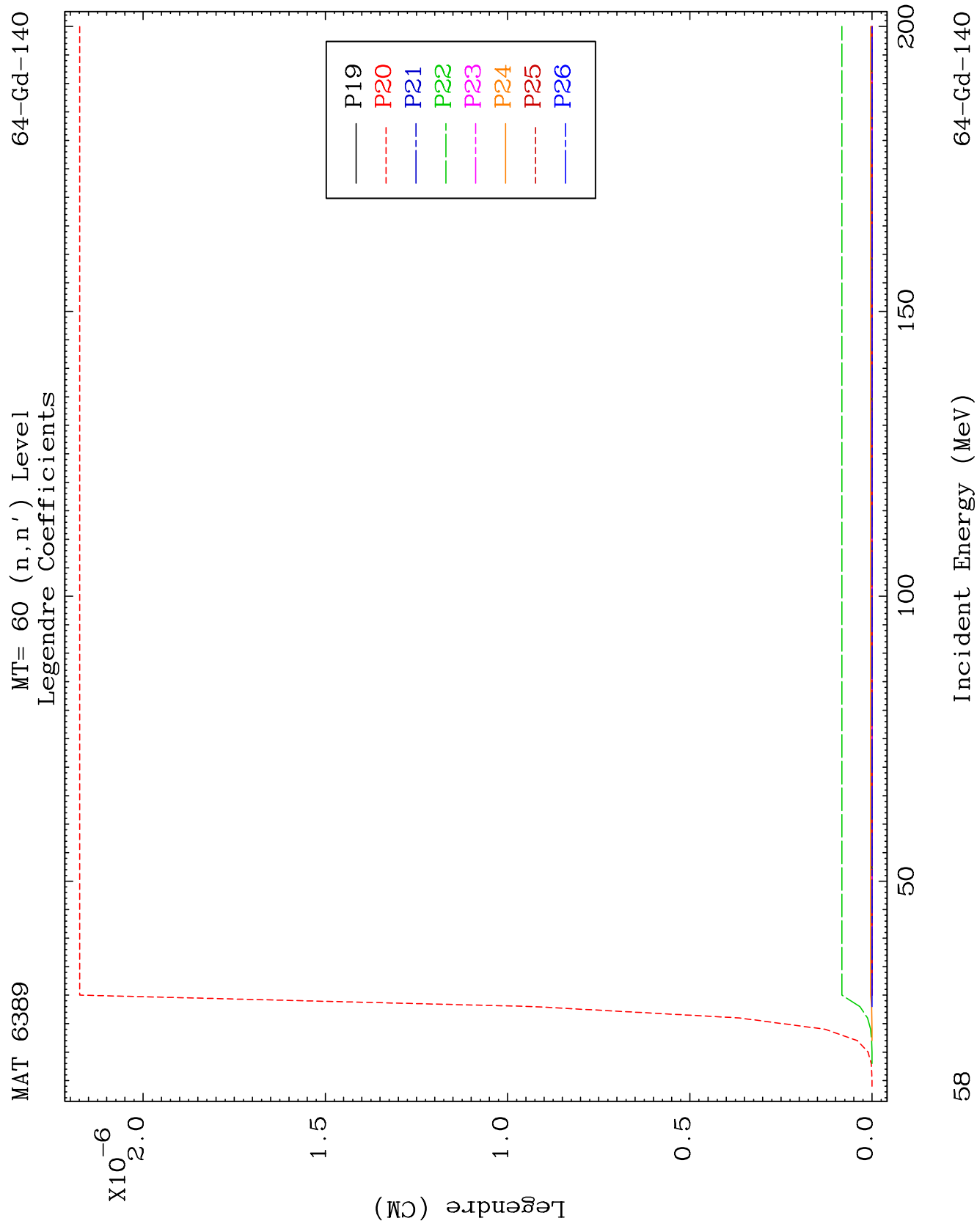








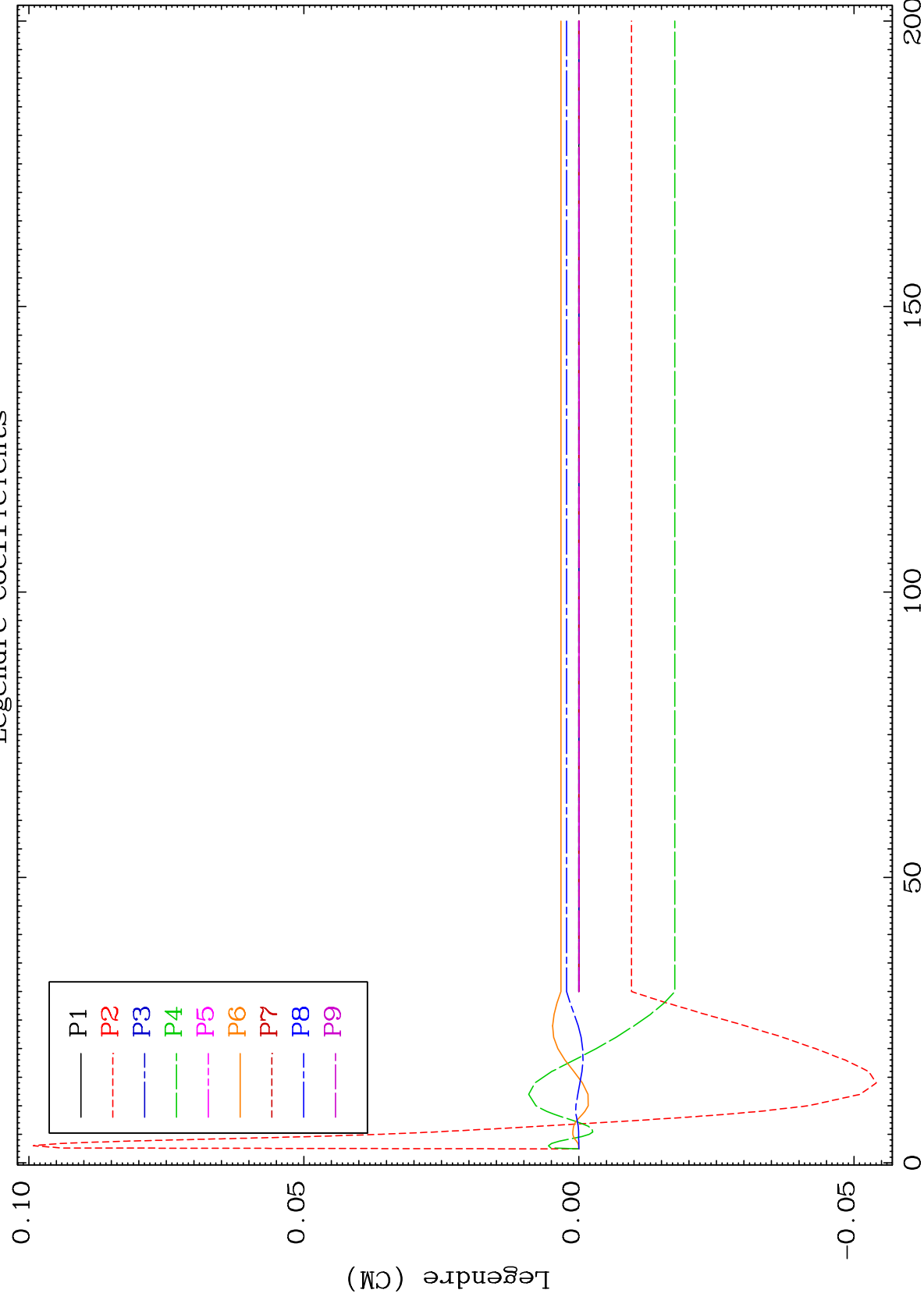




MAT 6389

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

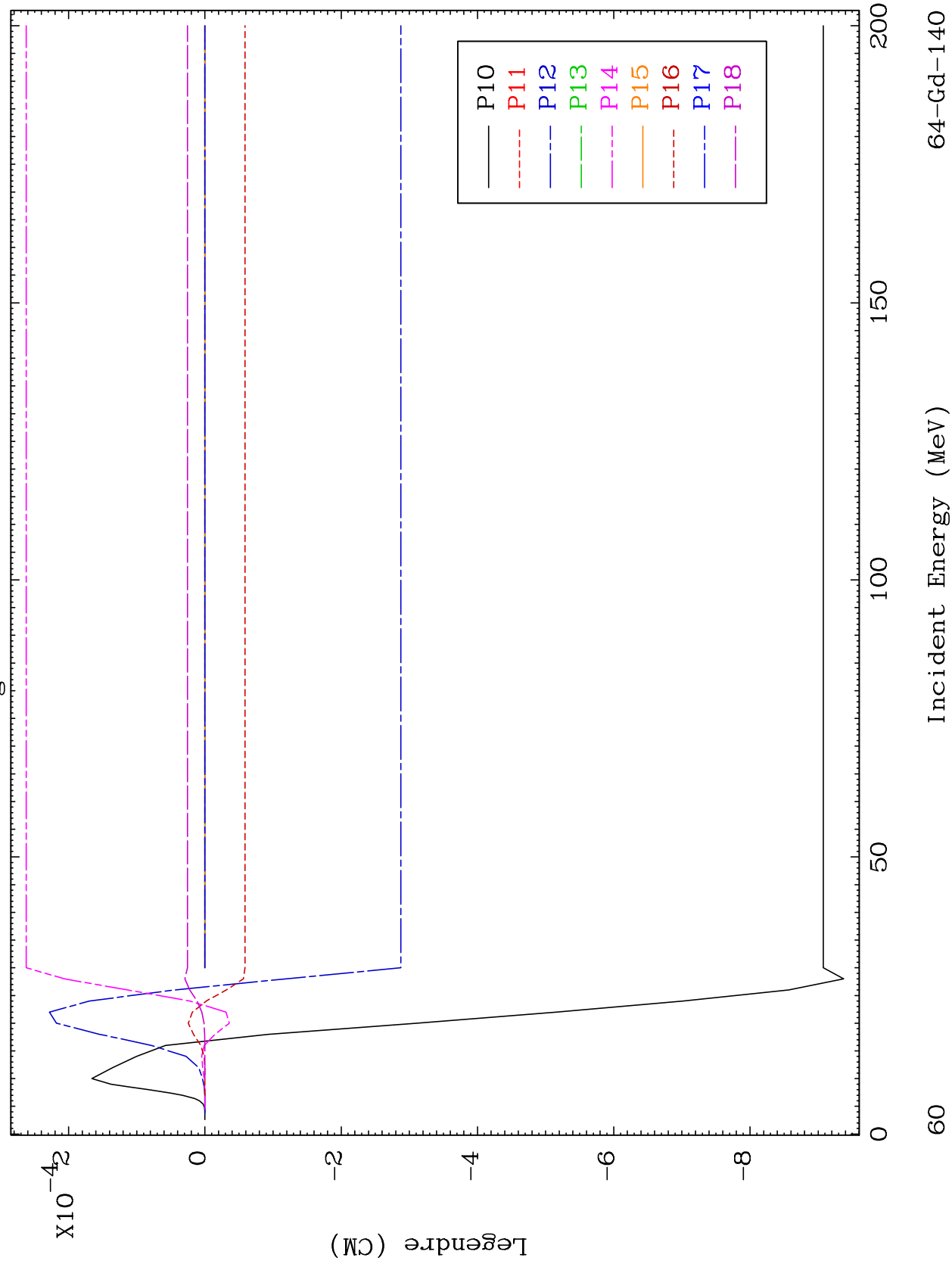
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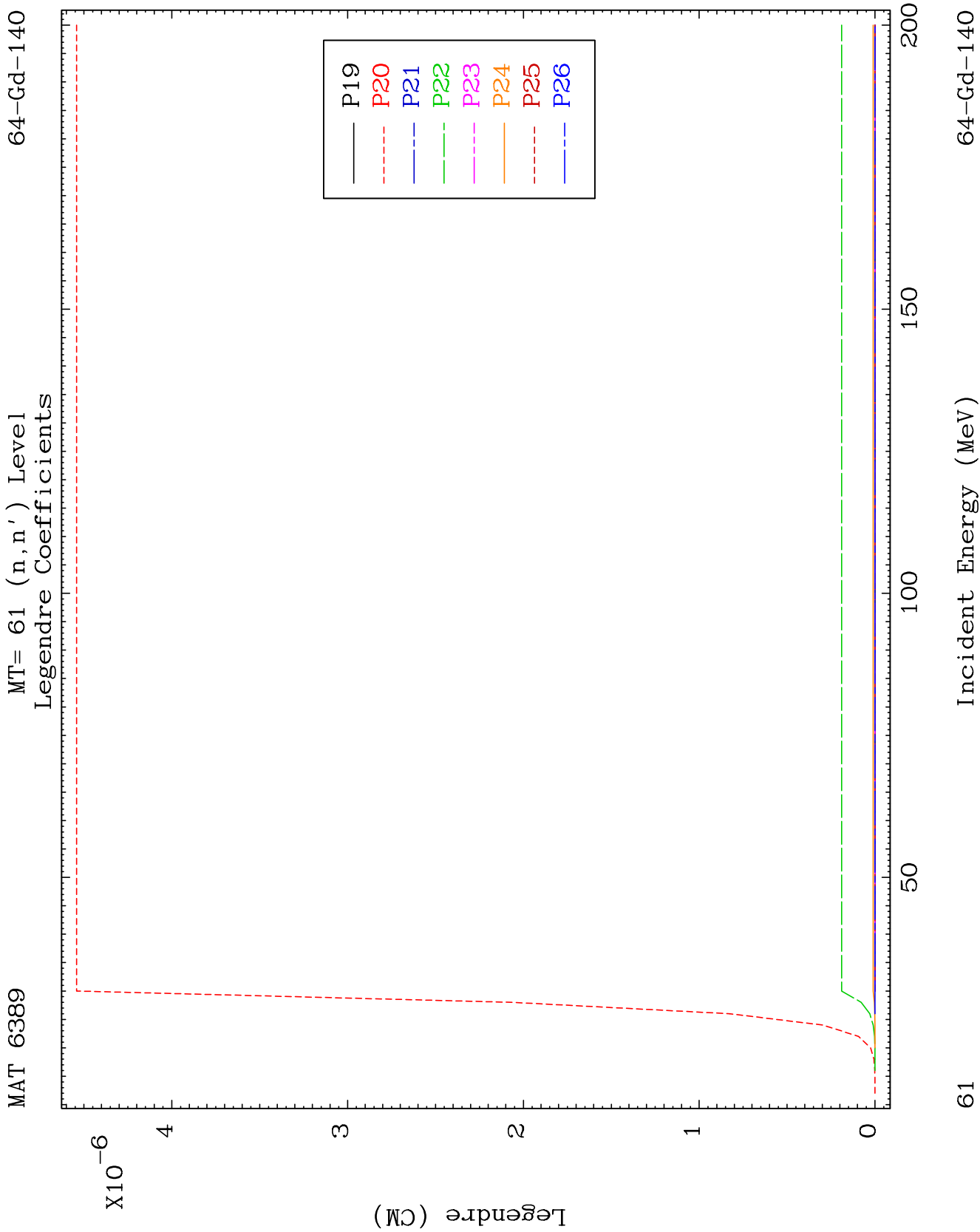


MAT 6389

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

64-Gd-140

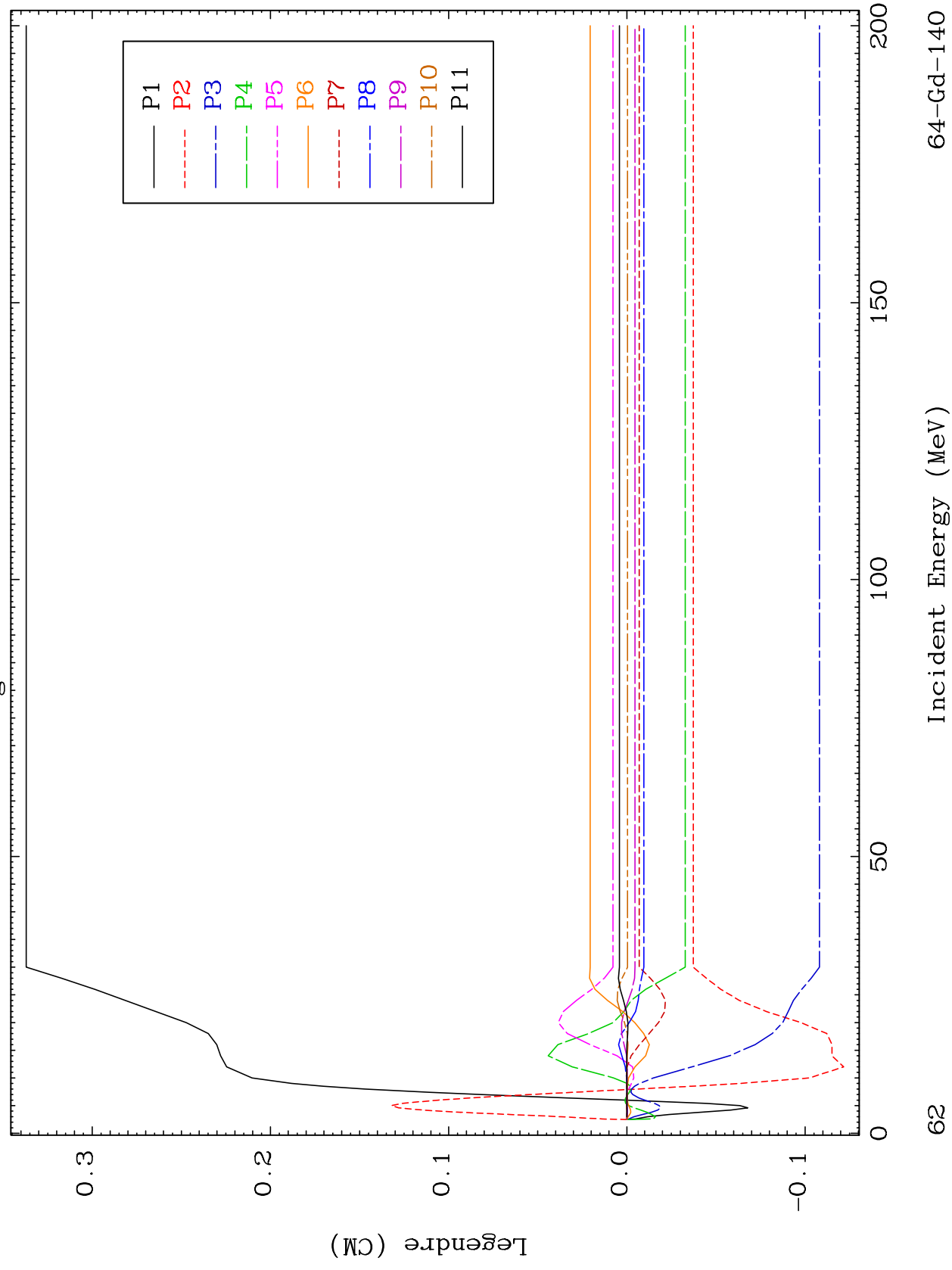


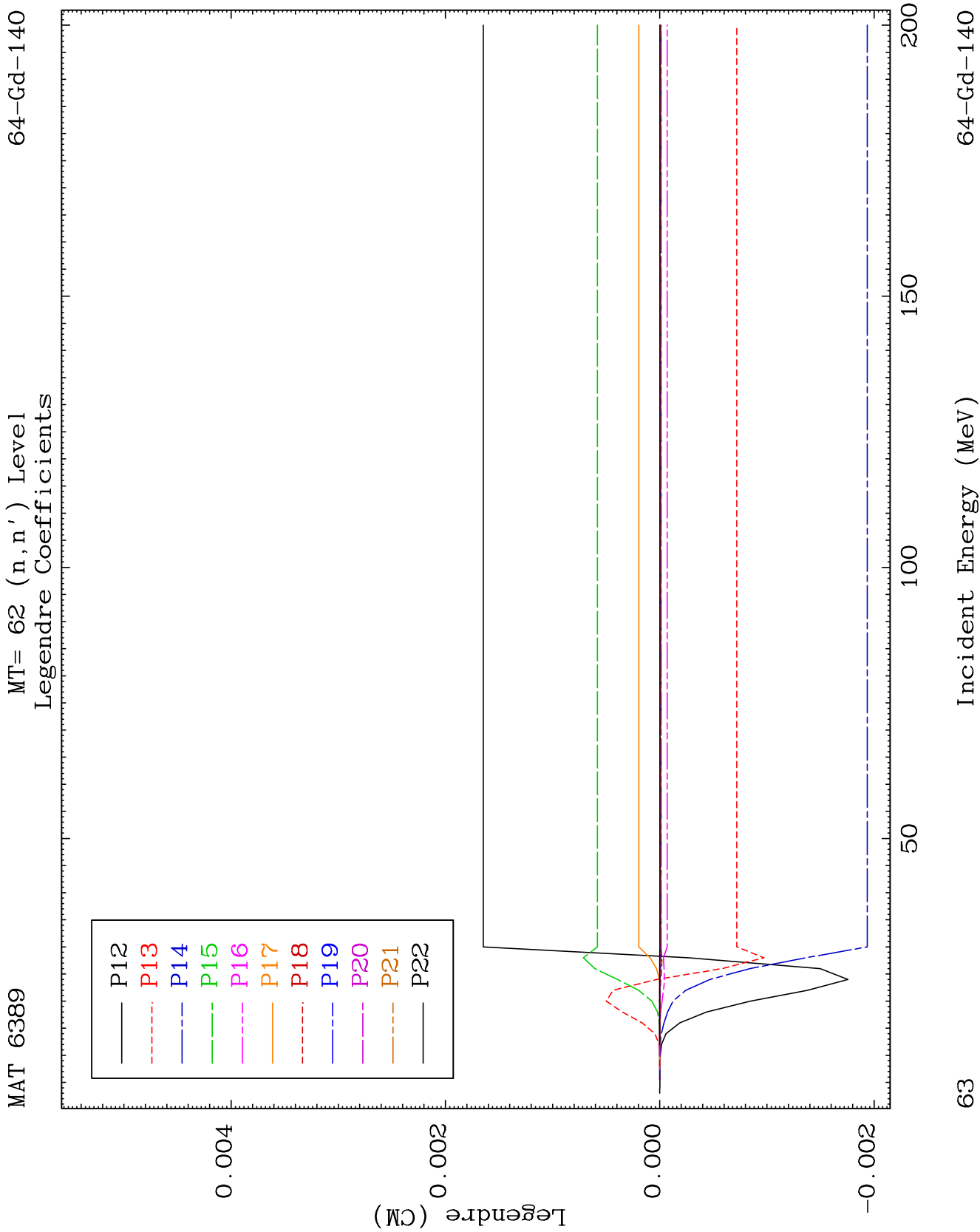


MAT 6389

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

64-Gd-140

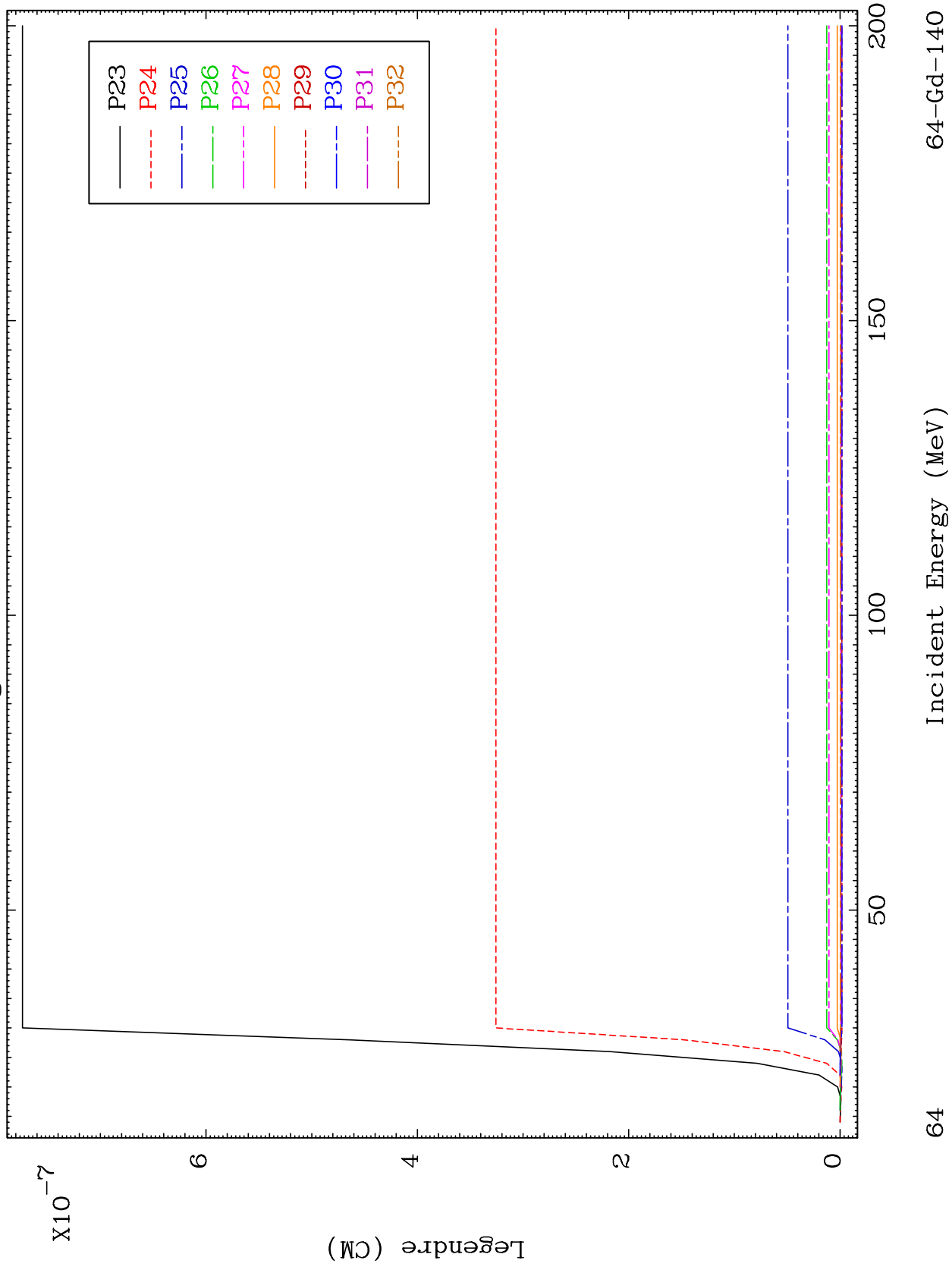




MAT 6389

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

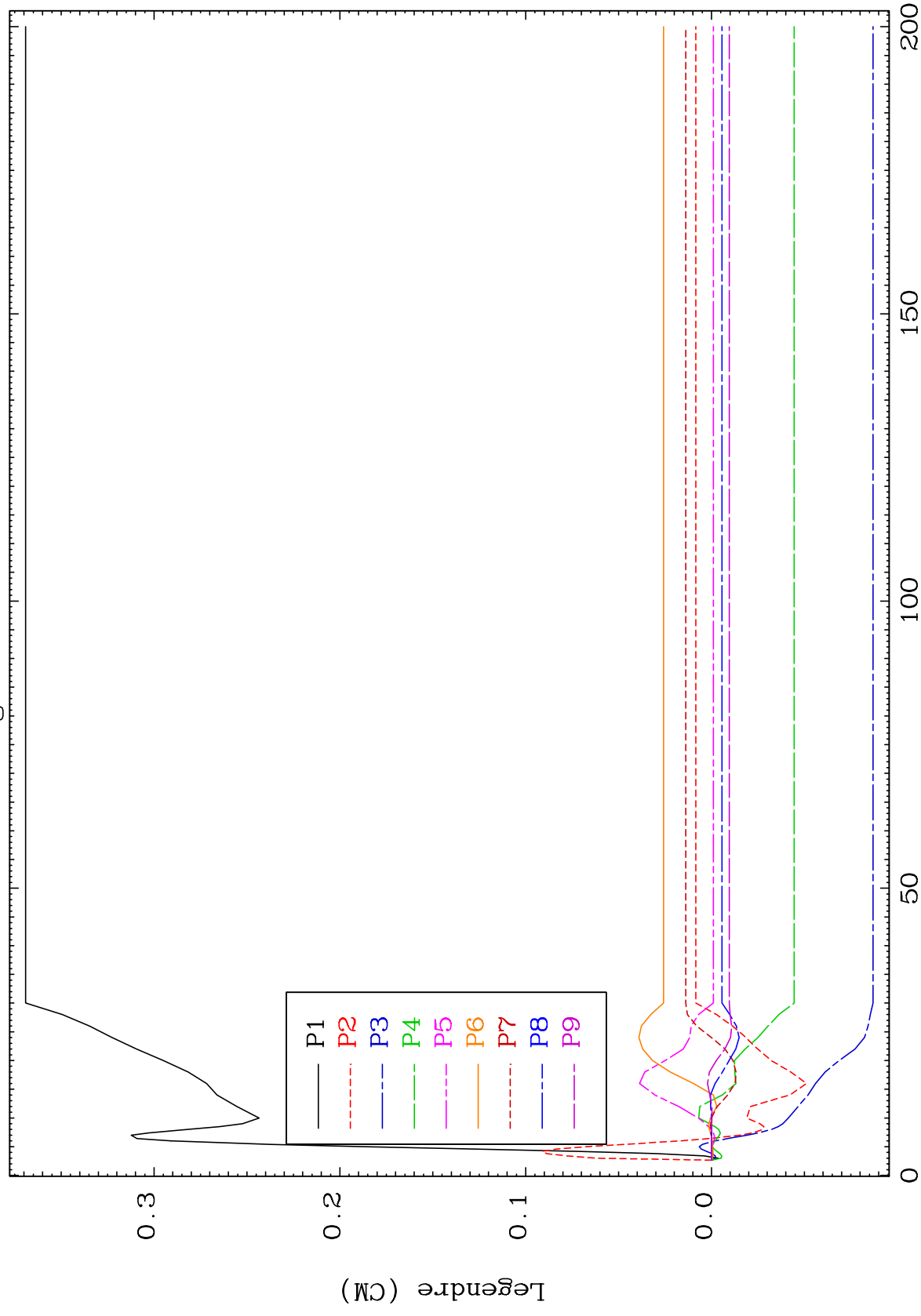
64-Gd-140



MAT 6389

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

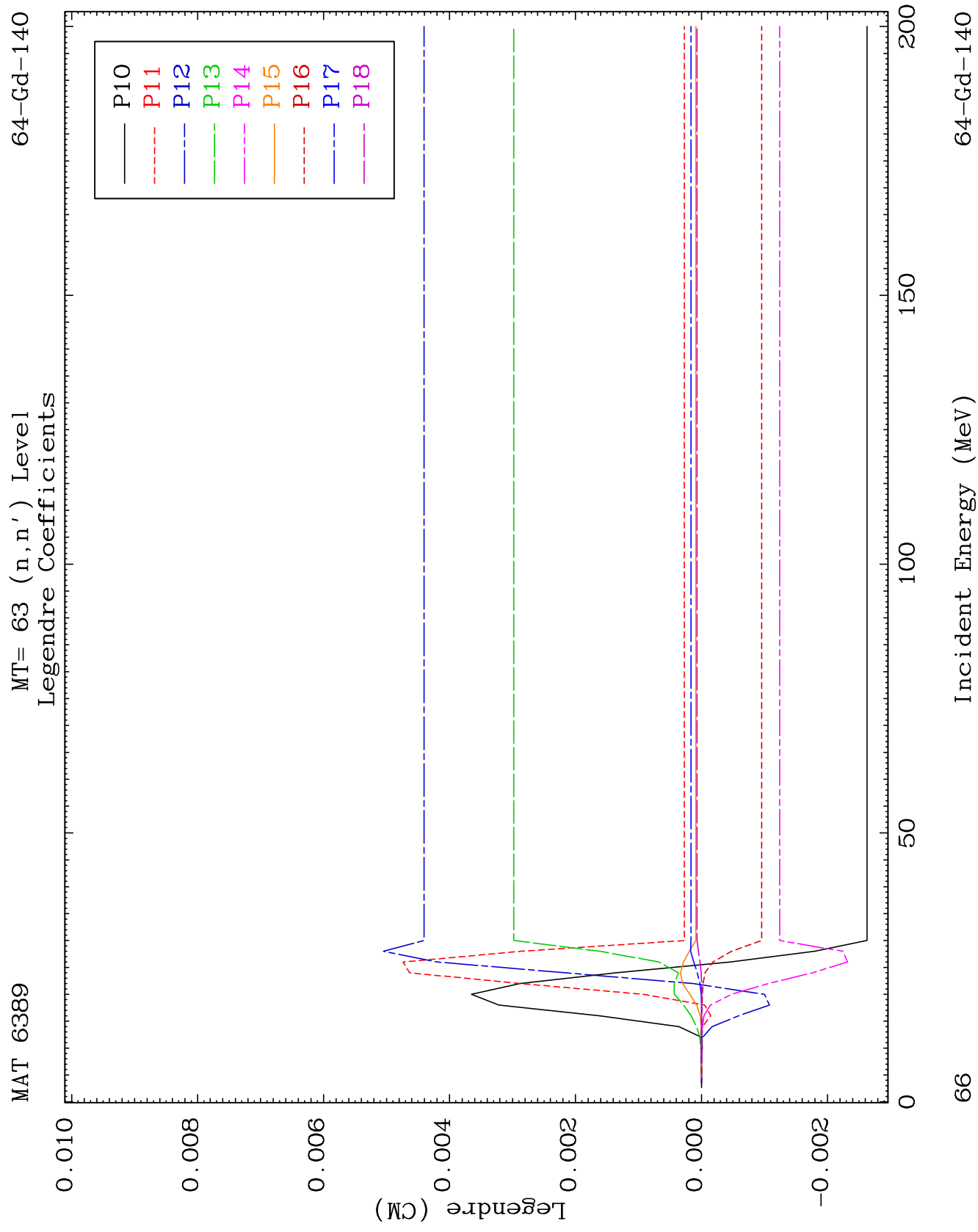
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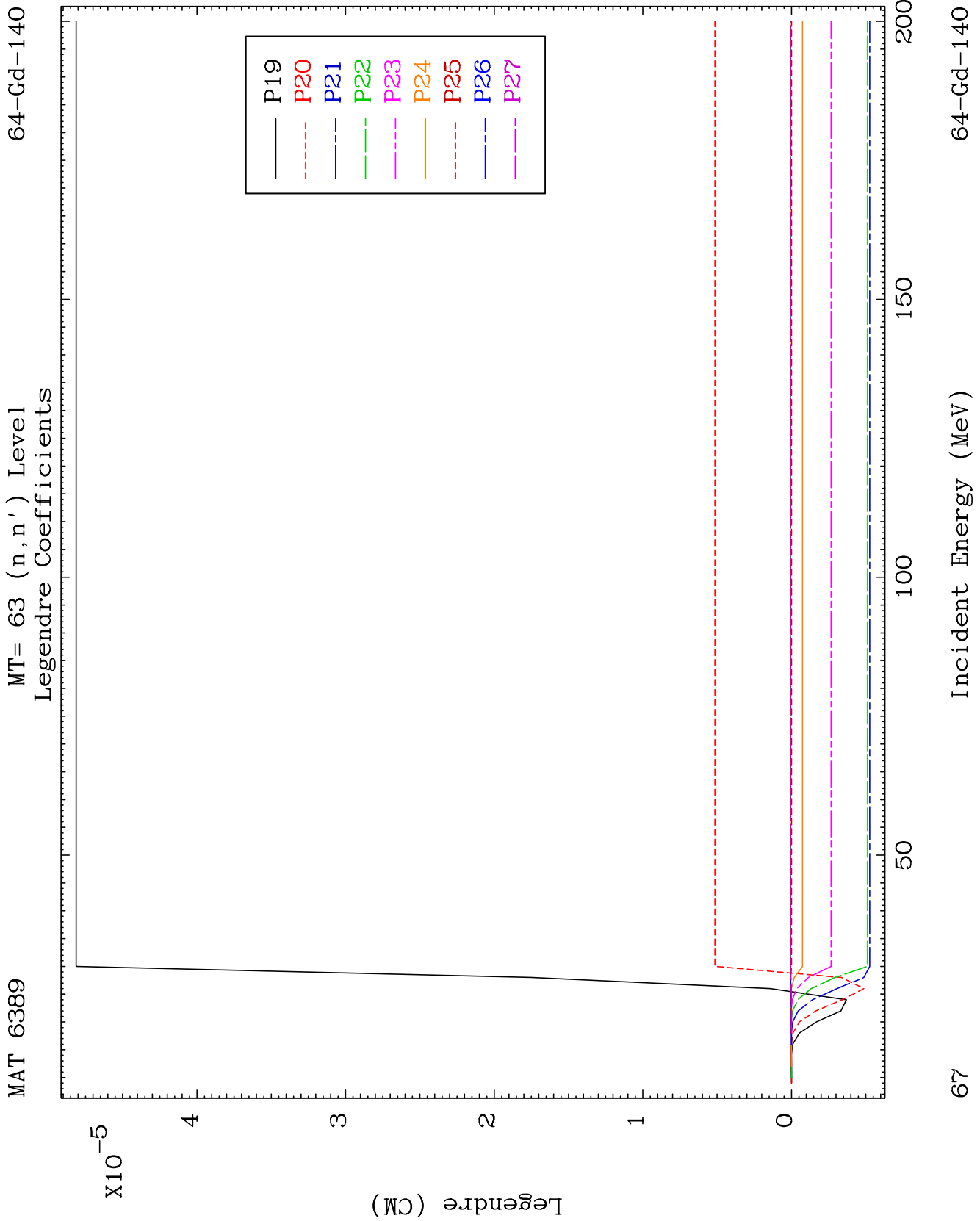


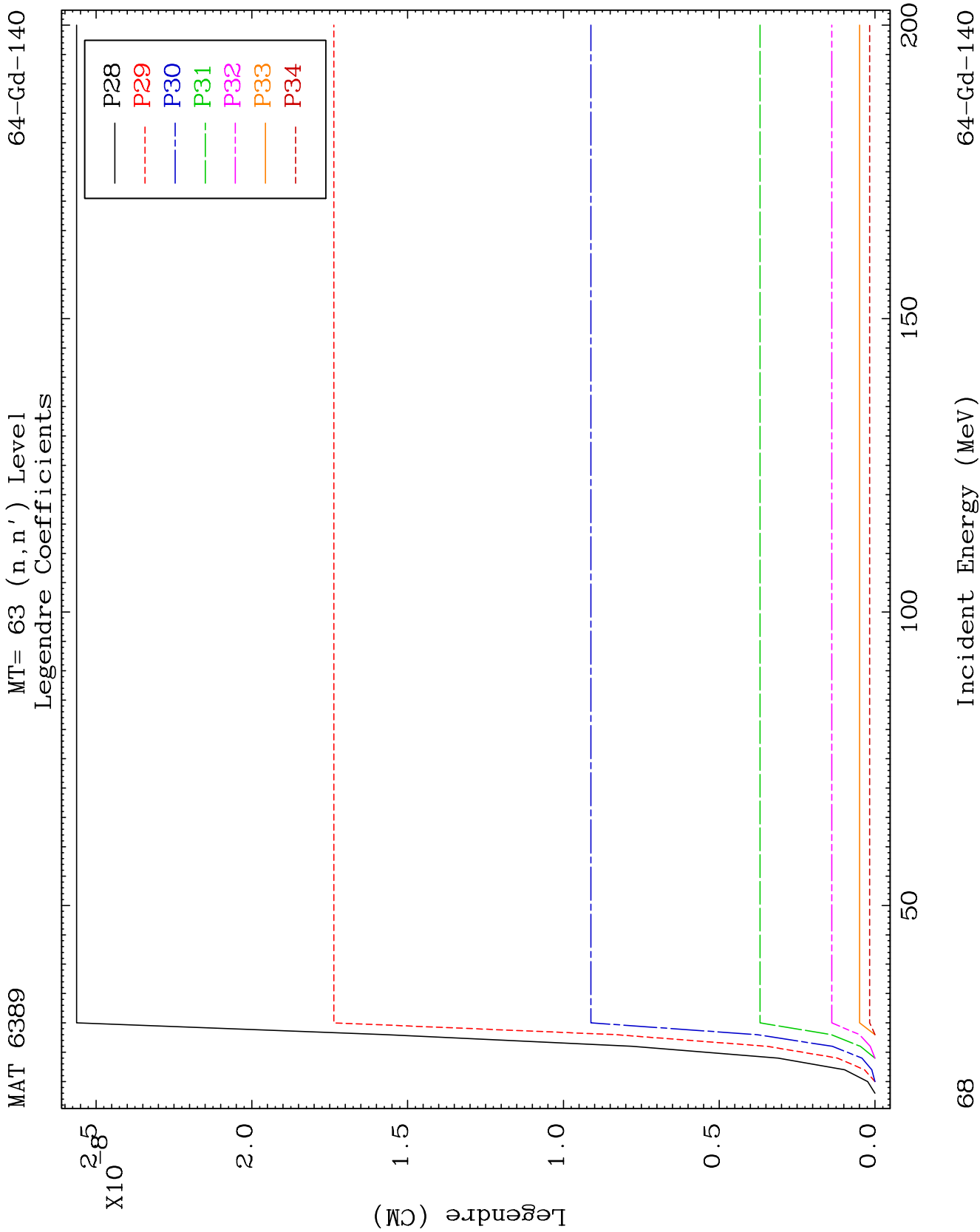
59

Incident Energy (MeV)

64-Gd-140



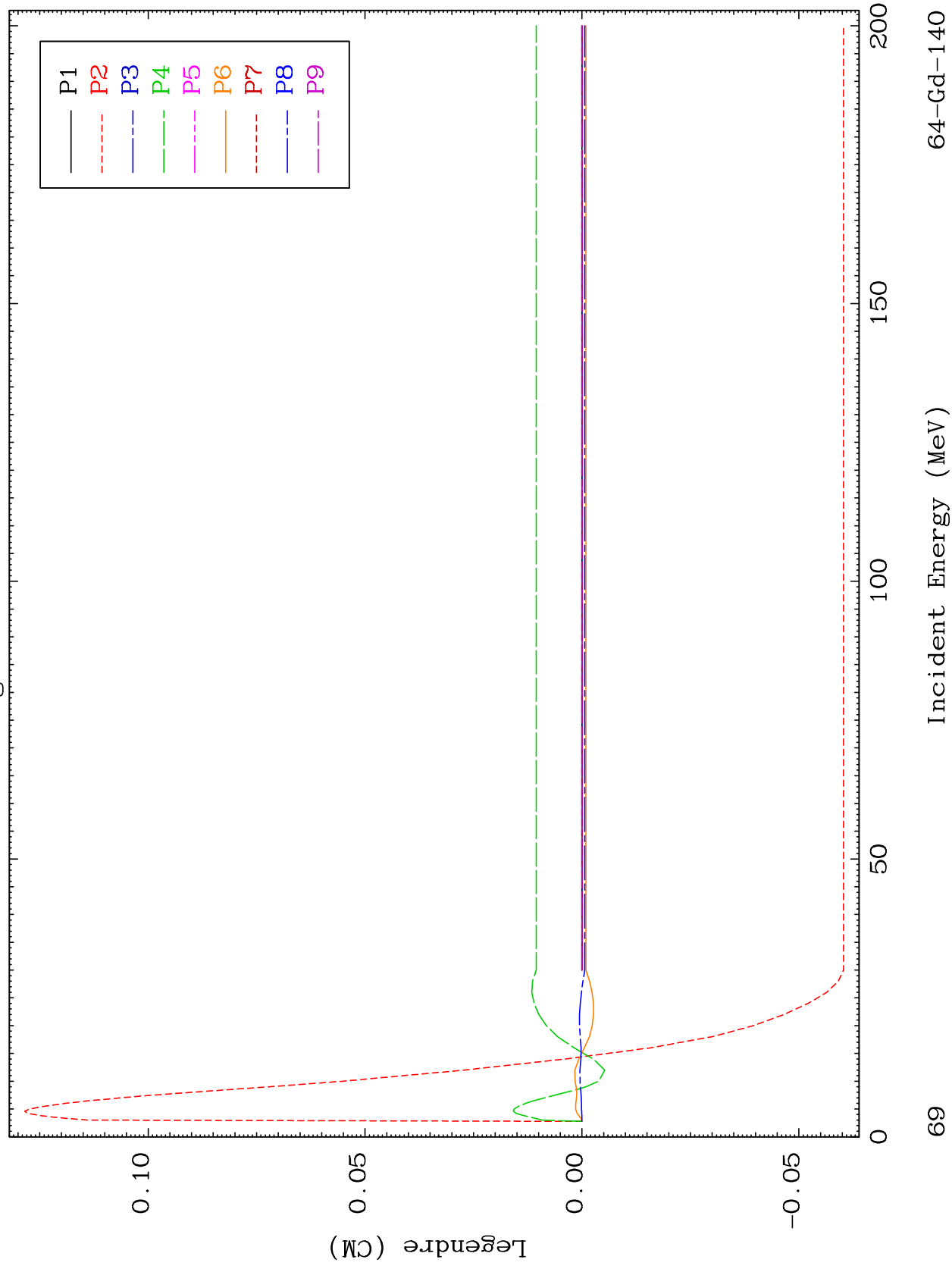


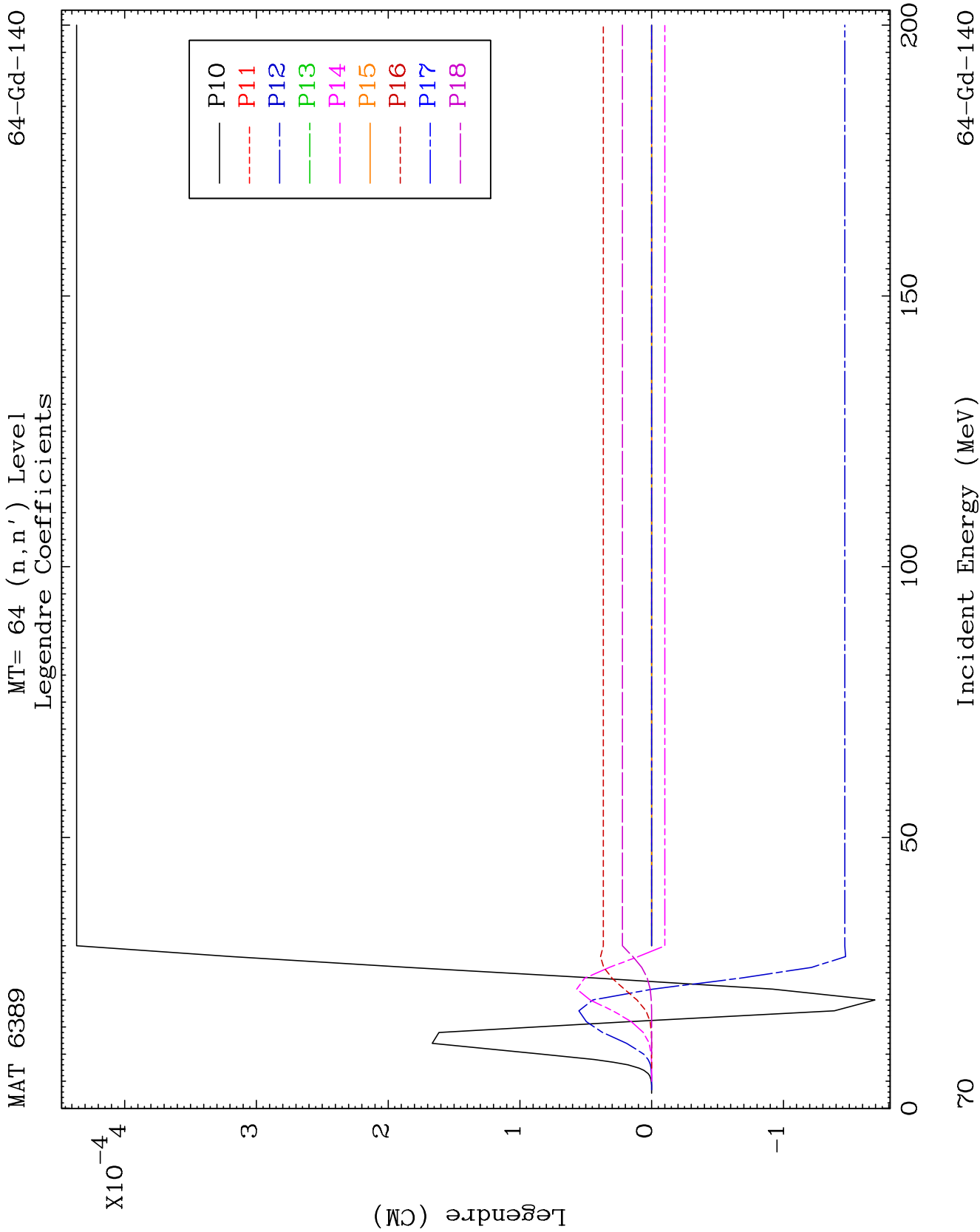


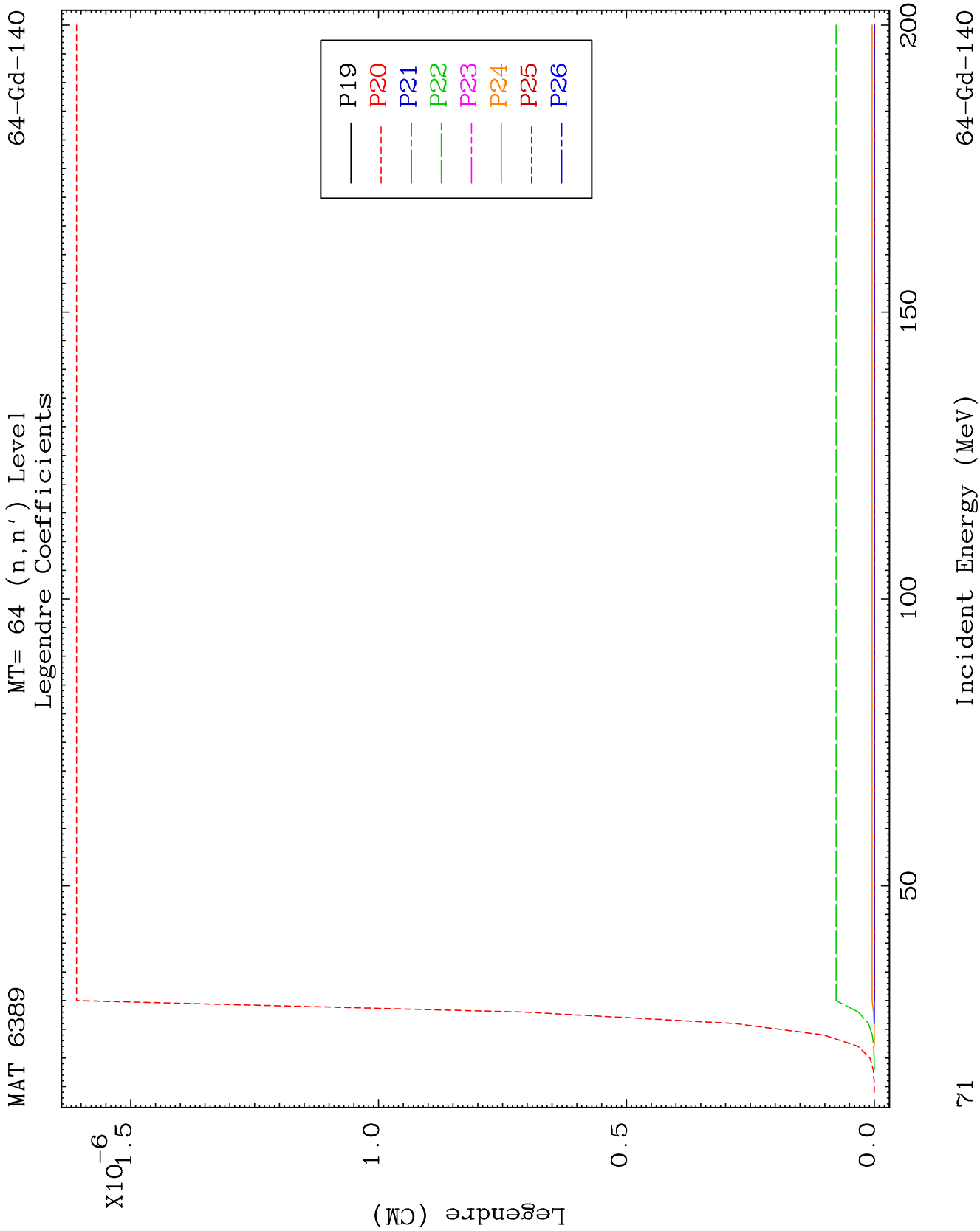
MAT 6389

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

64-Gd-140



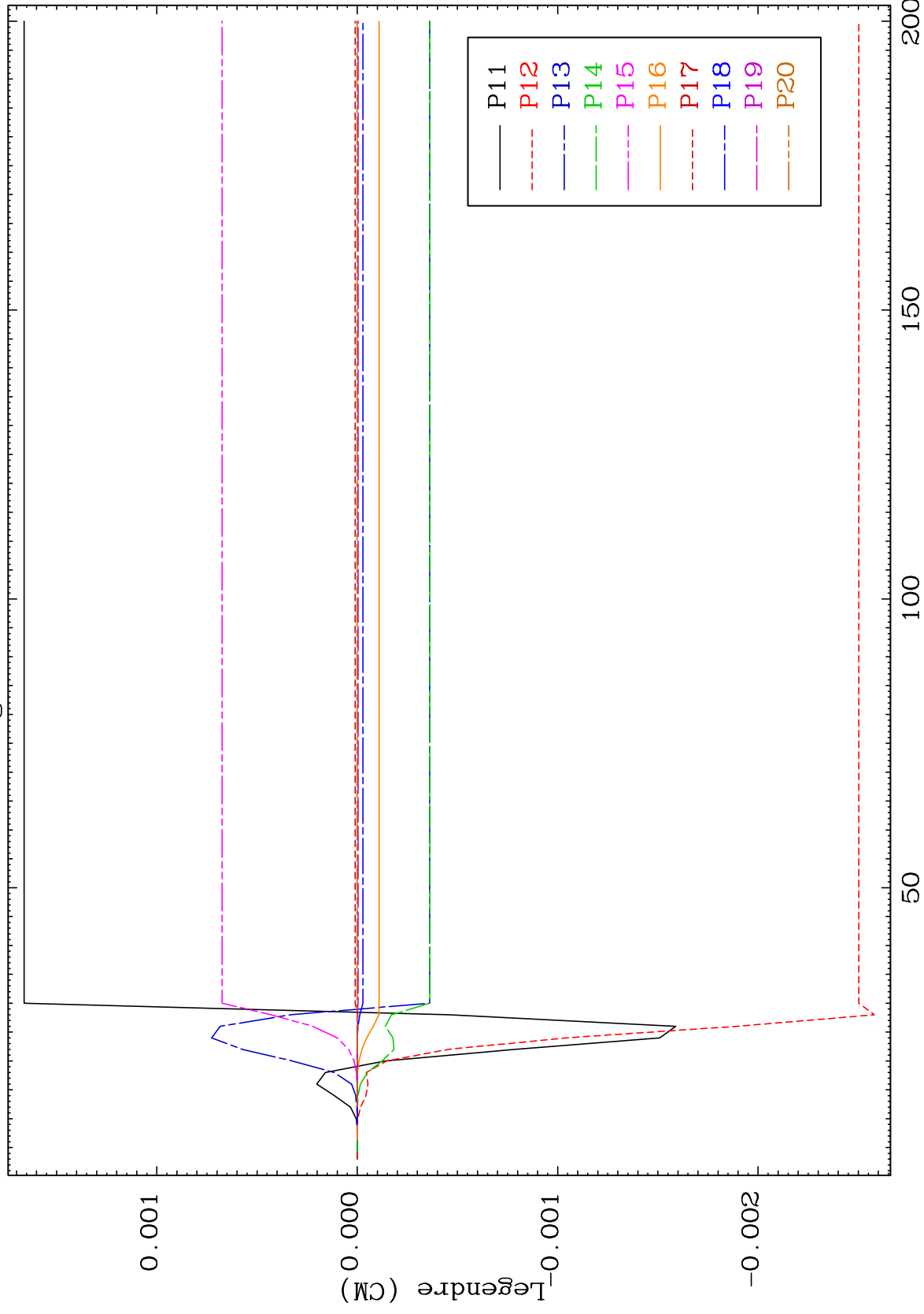




MAT 6389

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

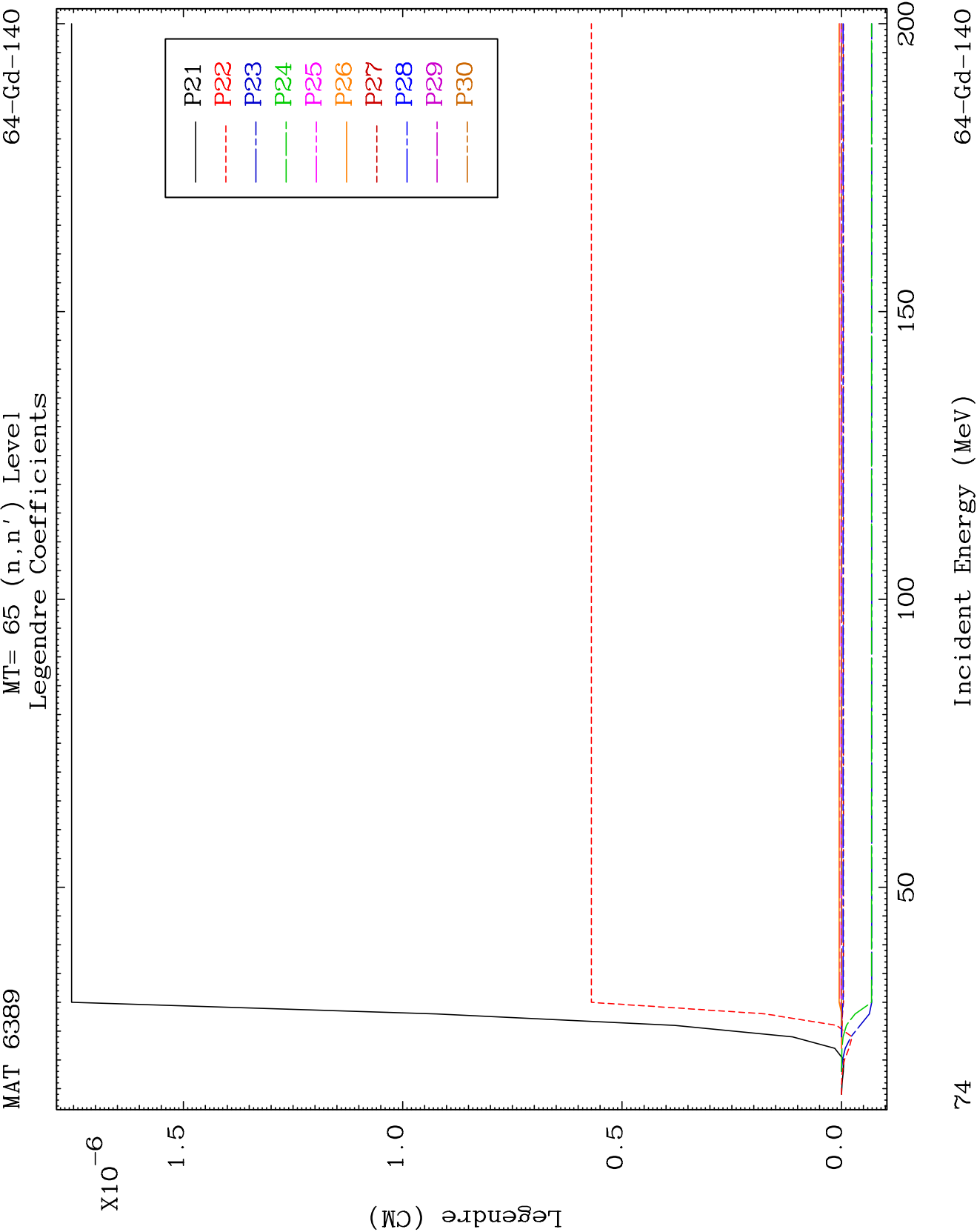
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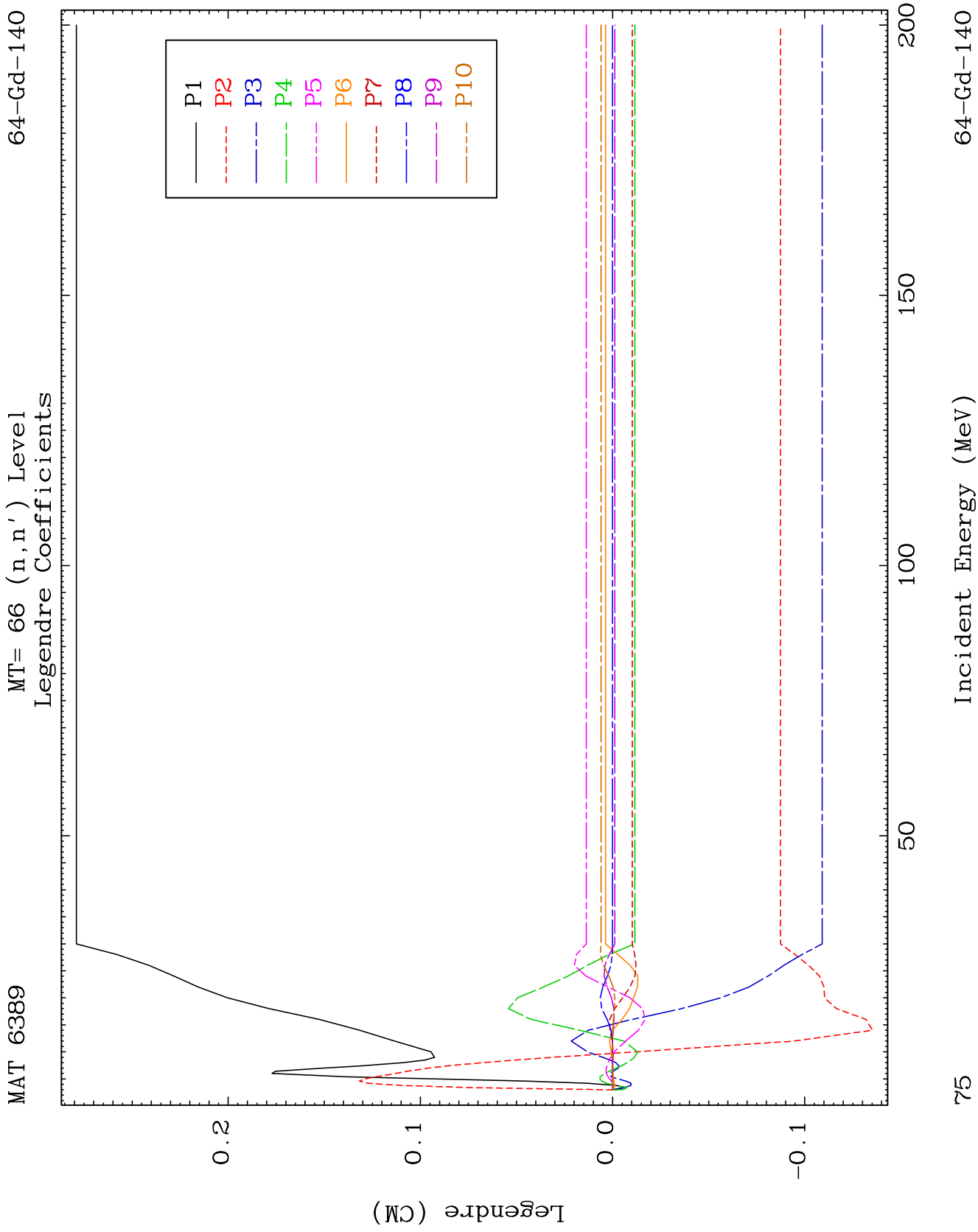


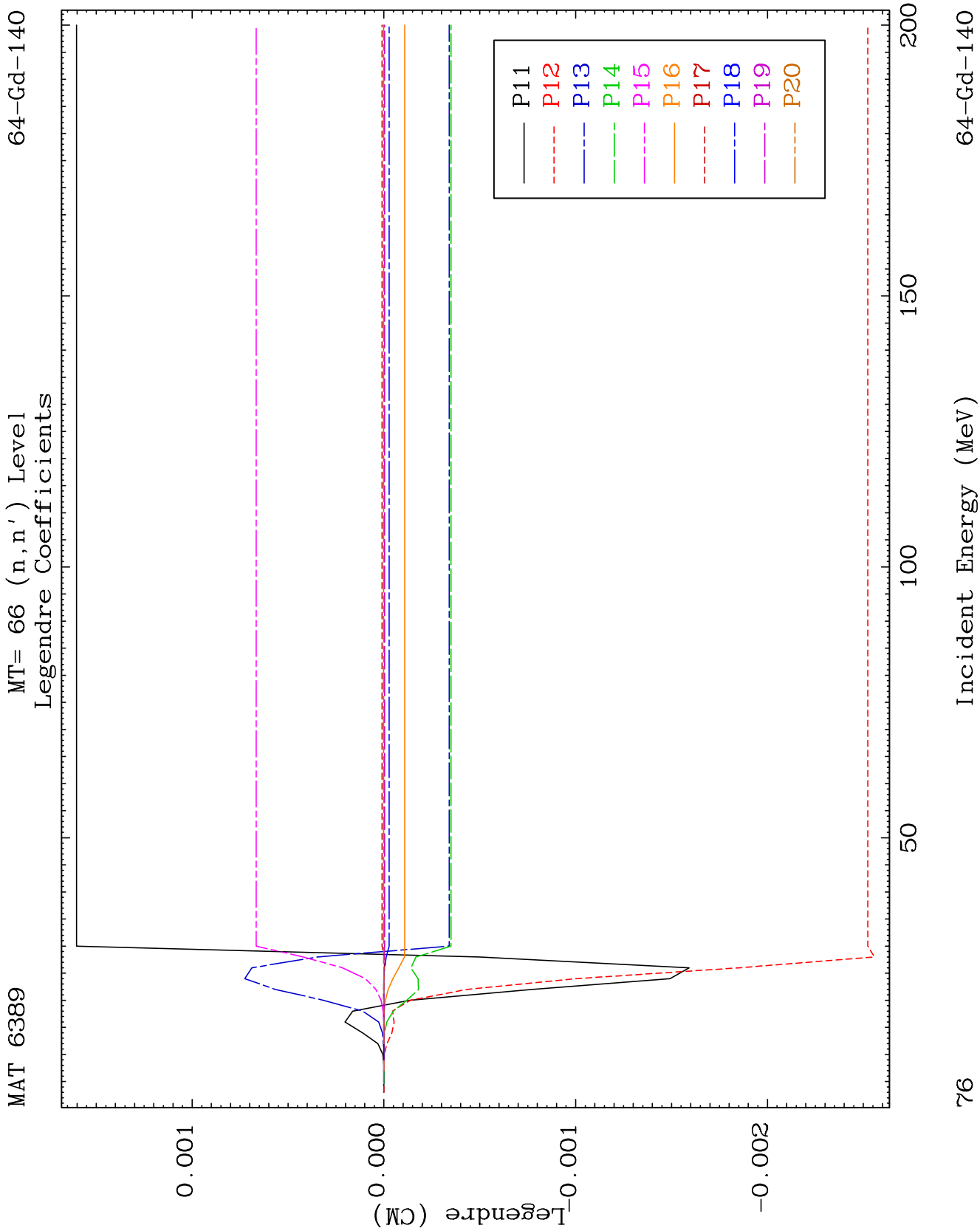
73

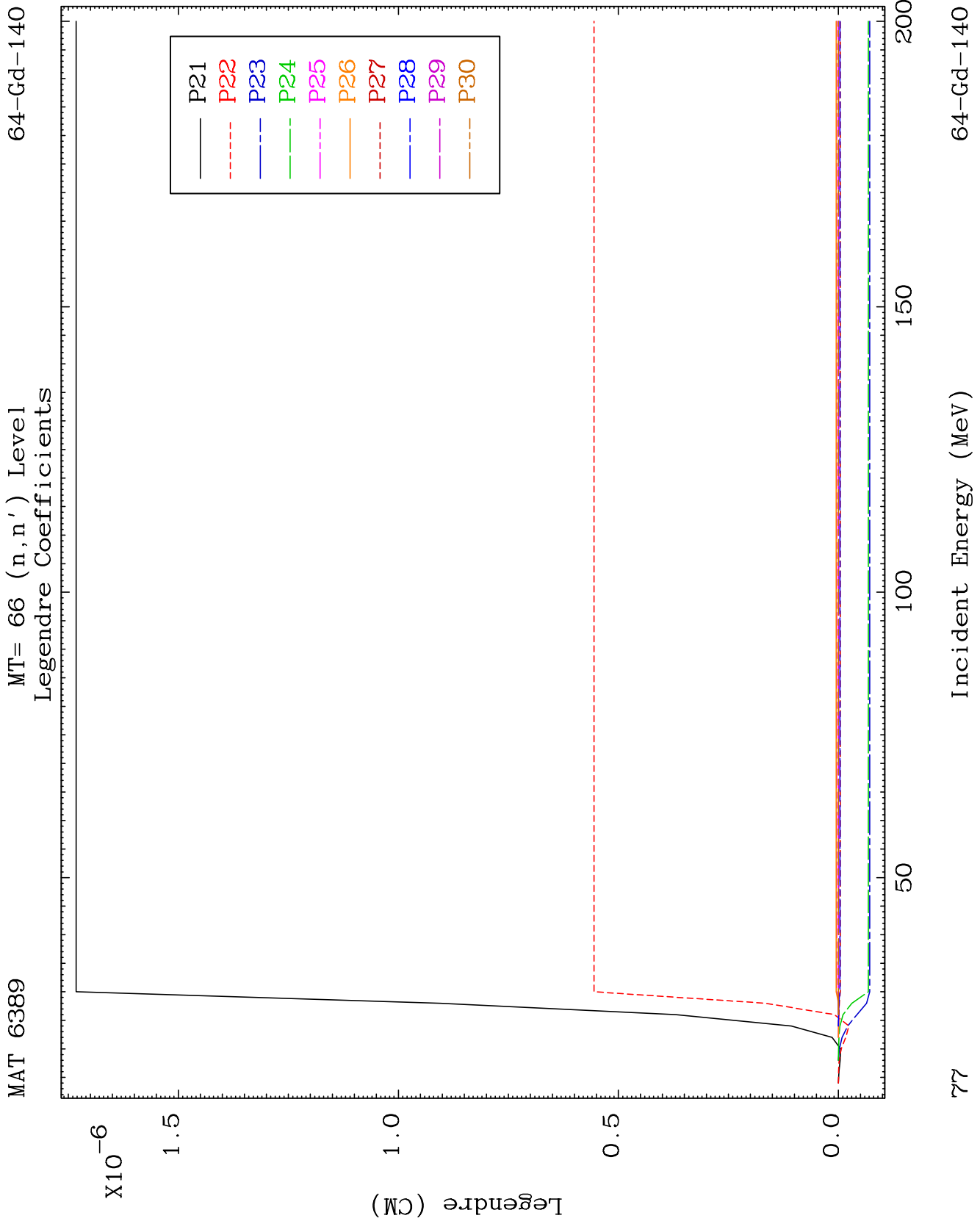
Incident Energy (MeV)

64-Gd-140





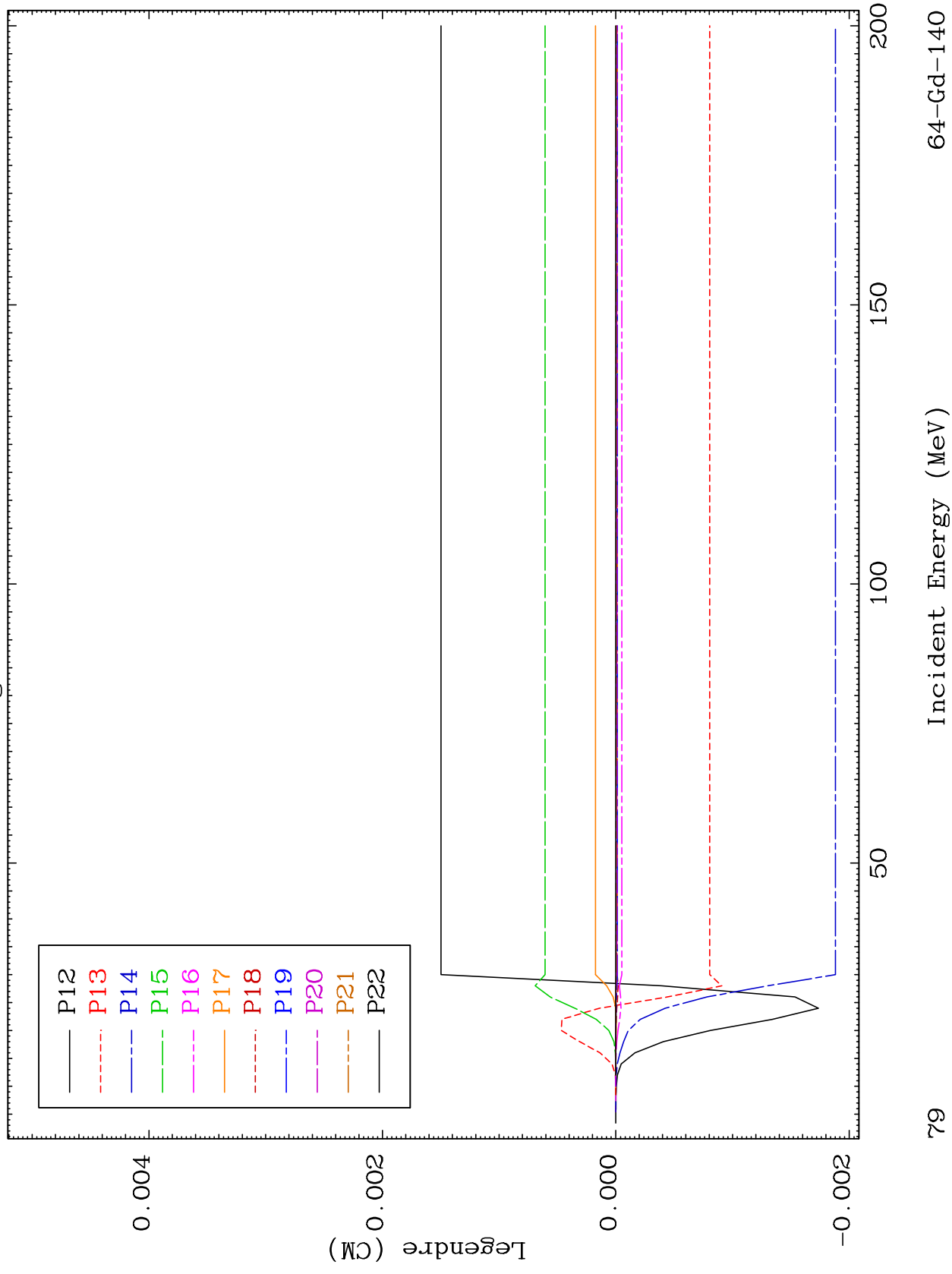


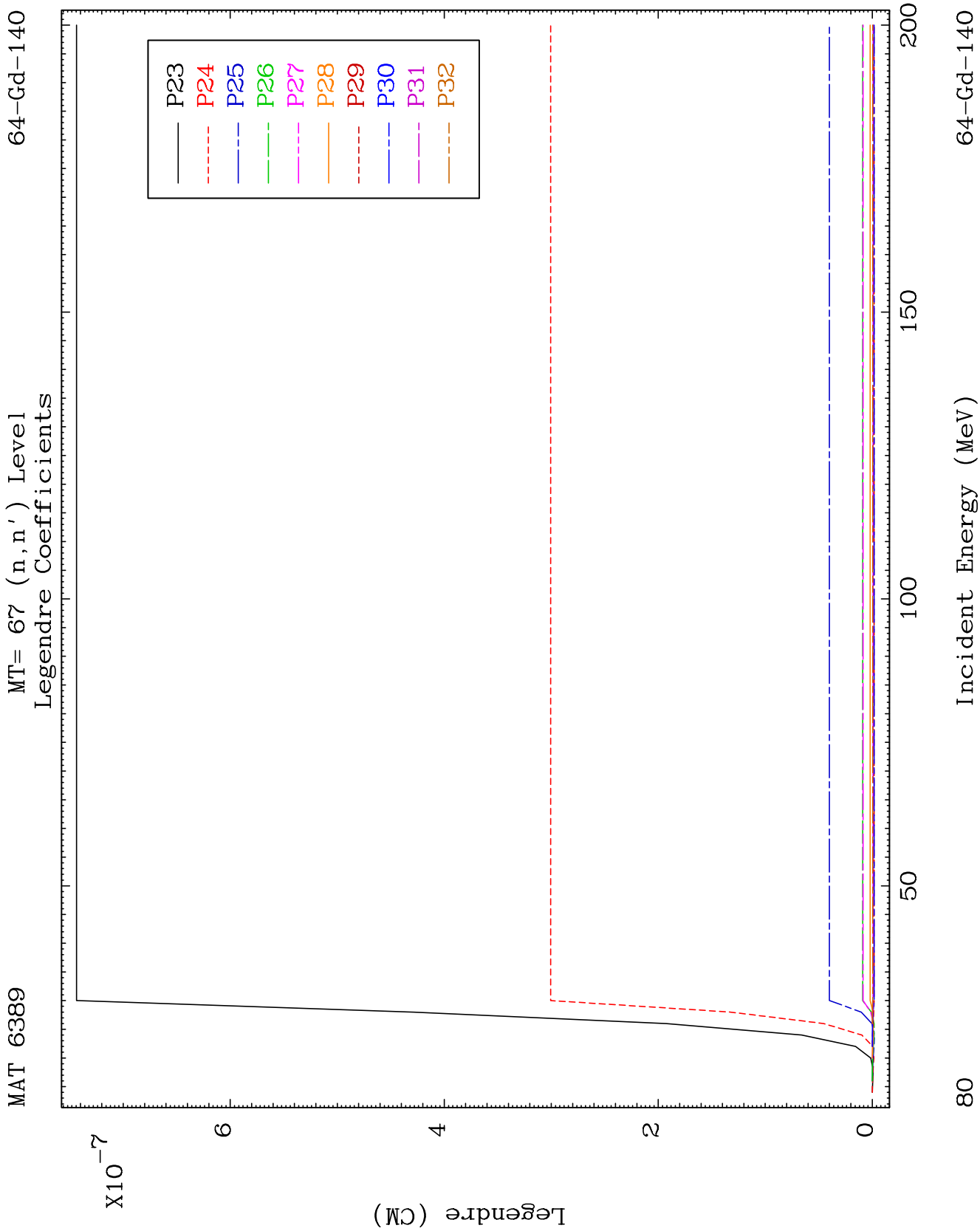


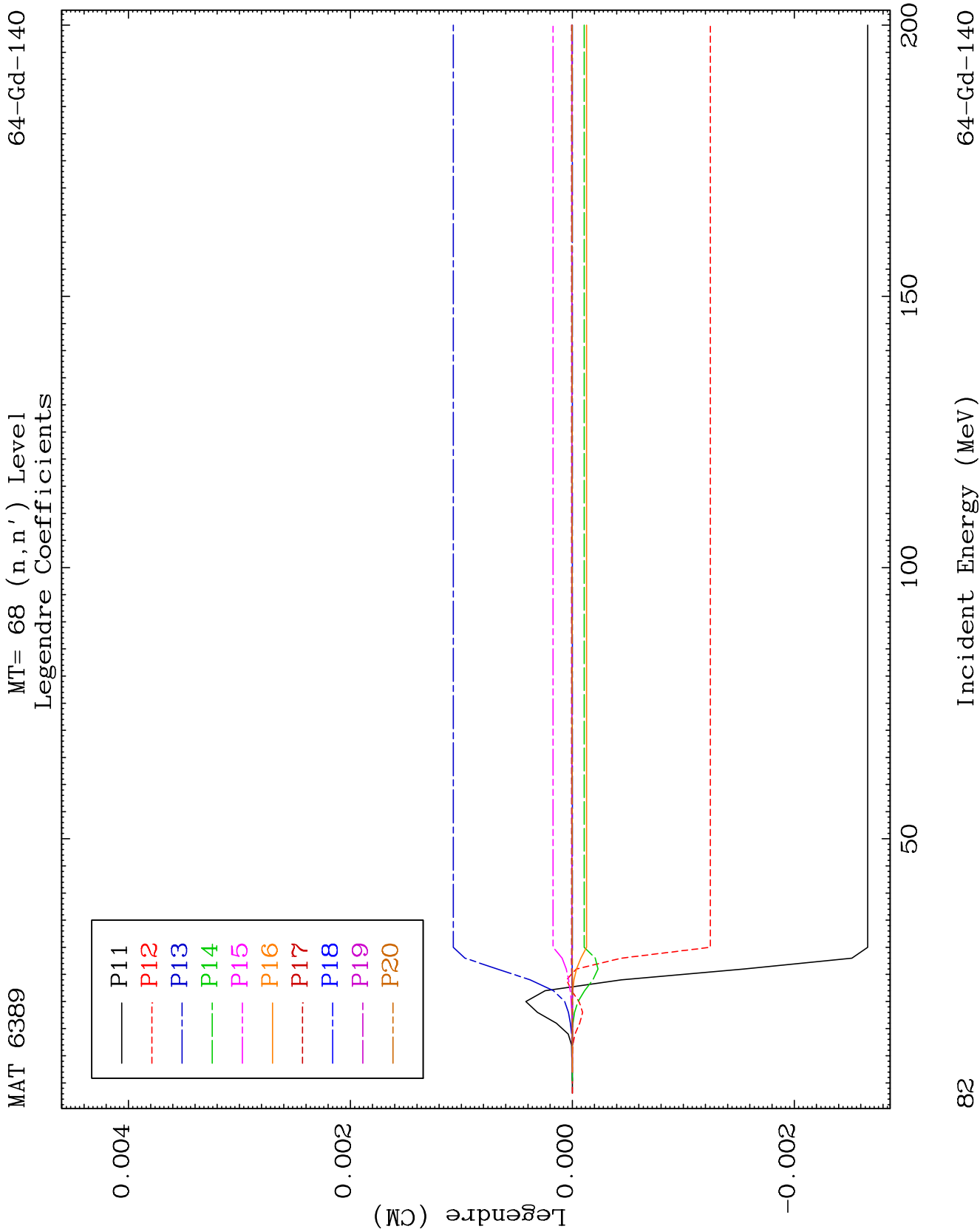
MAT 6389

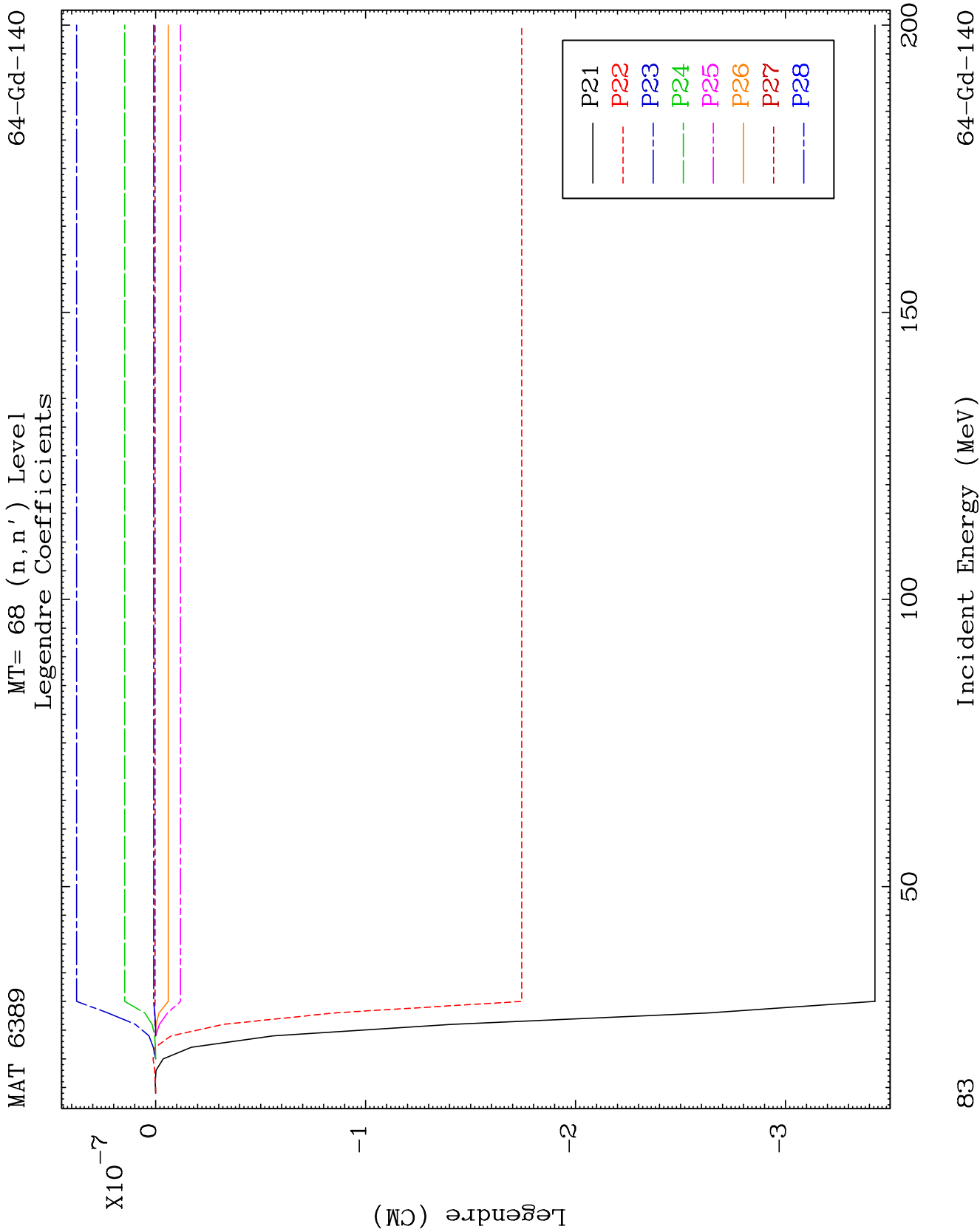
MT= 67 (n, n') Level
Legendre Coefficients

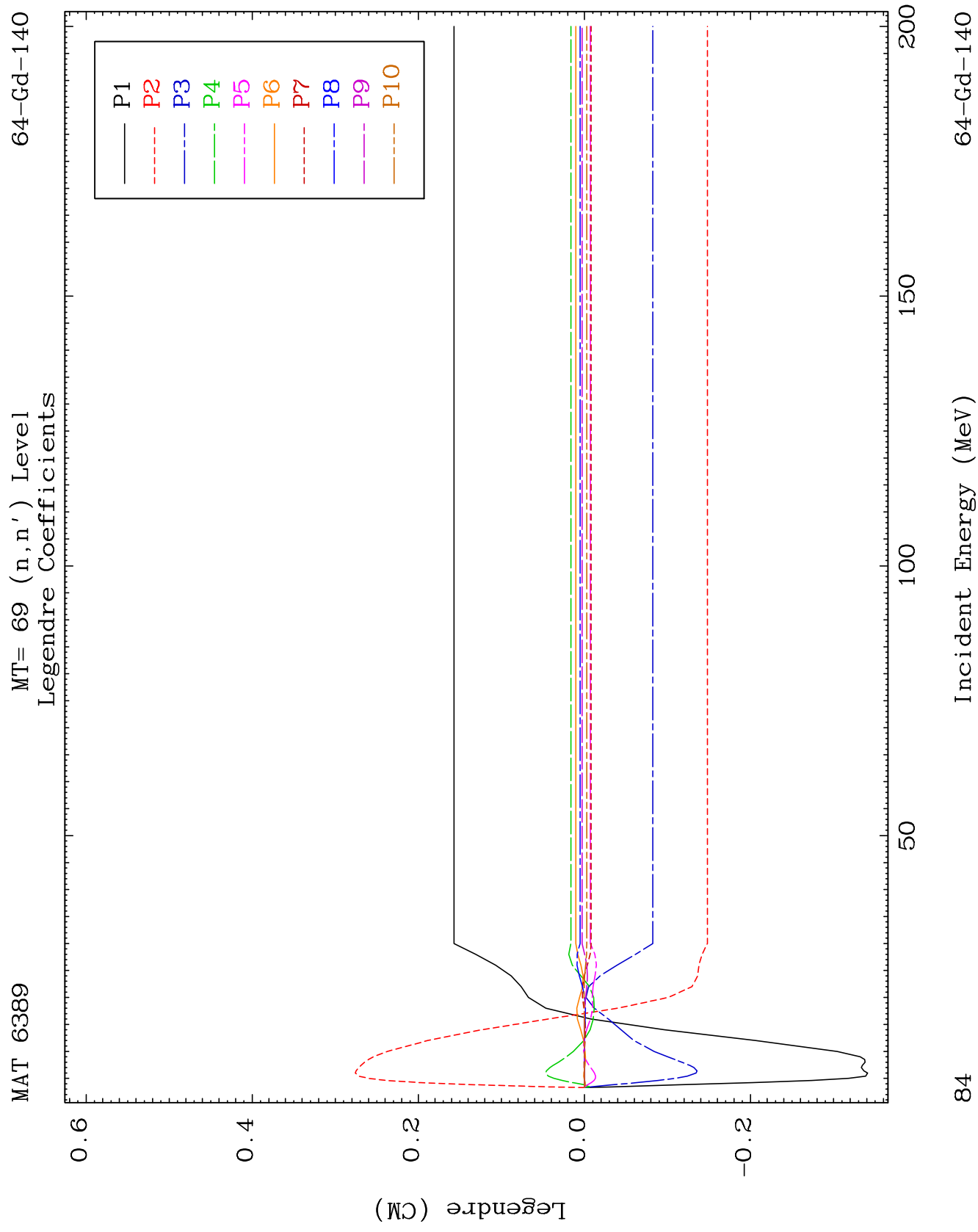
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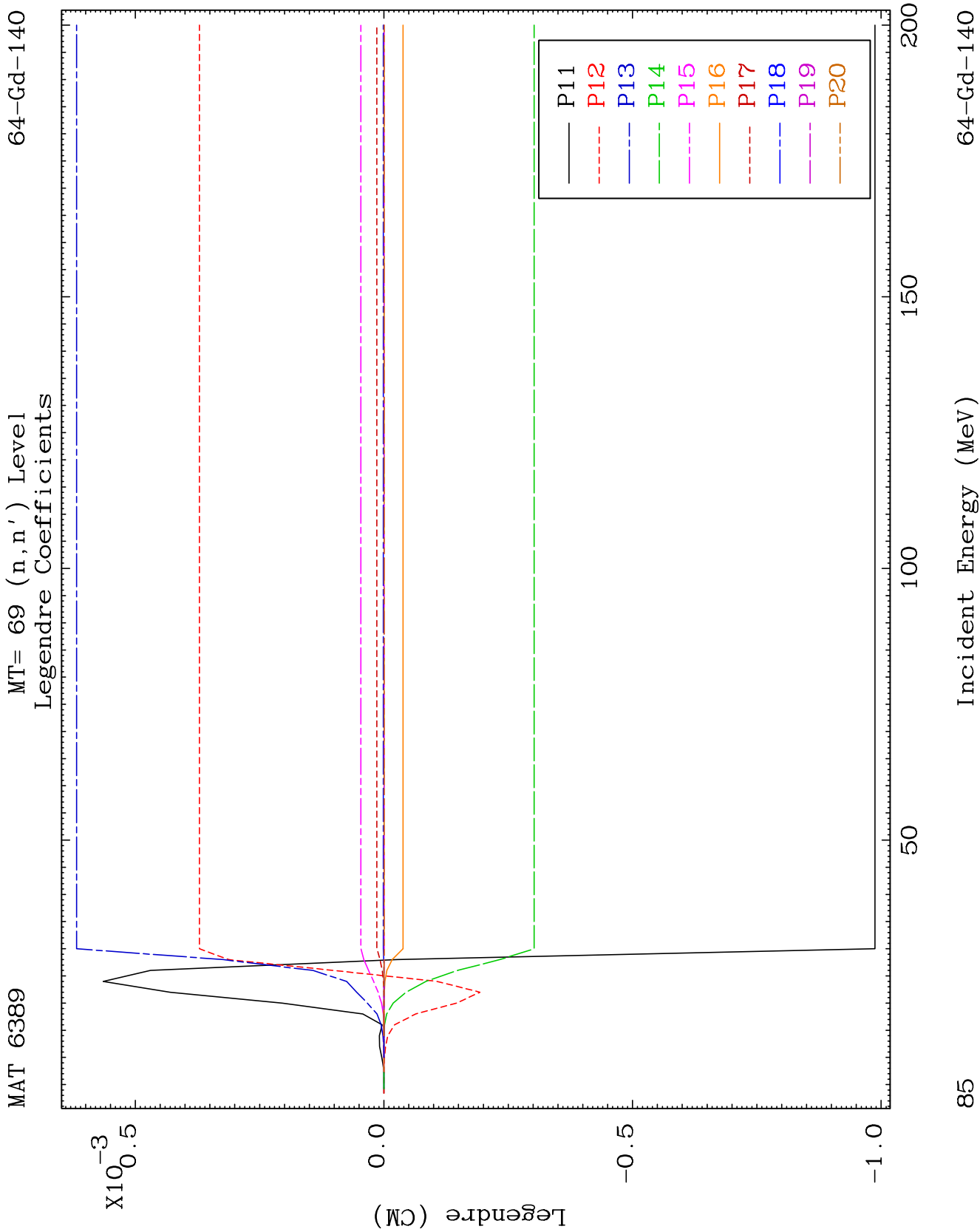


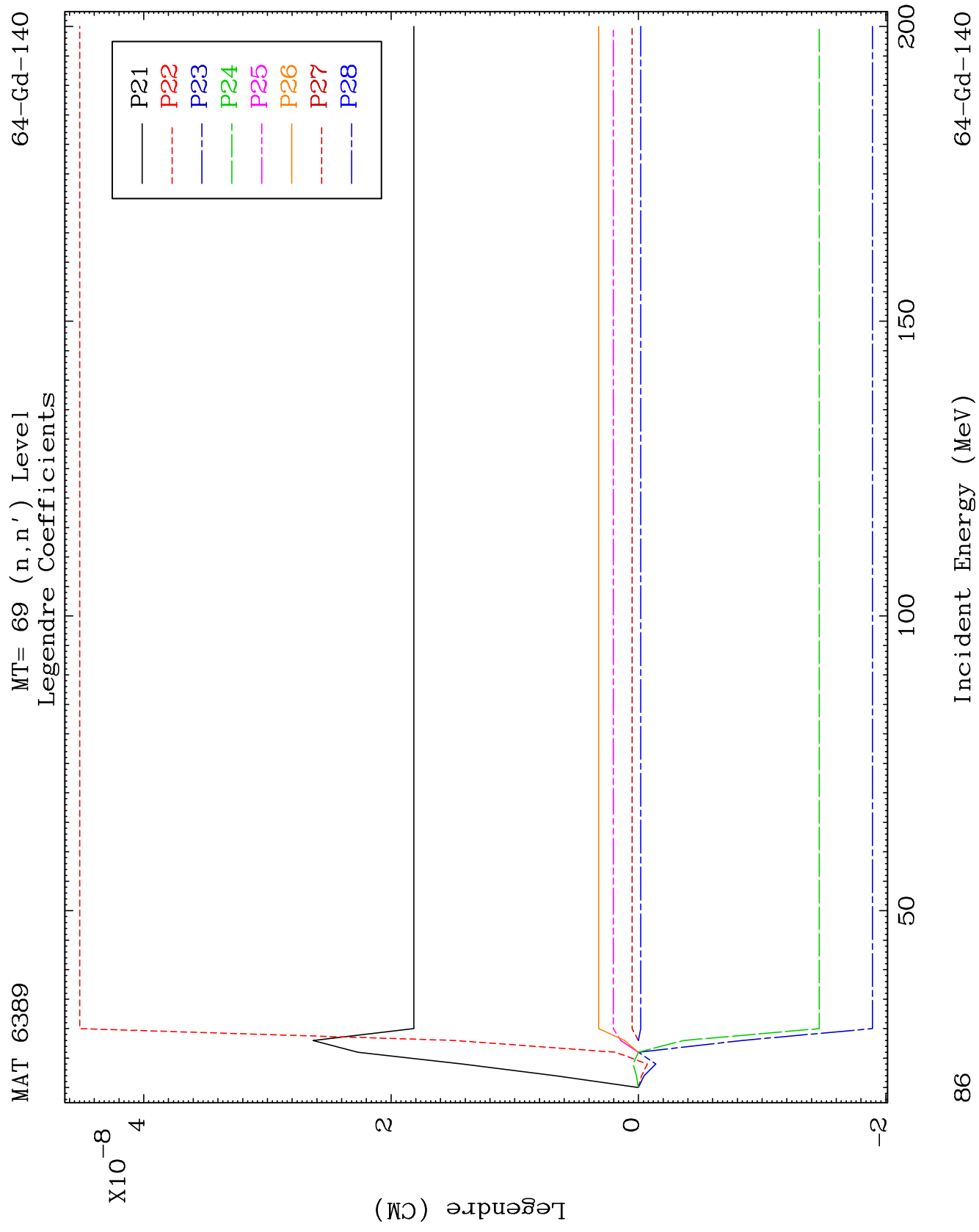


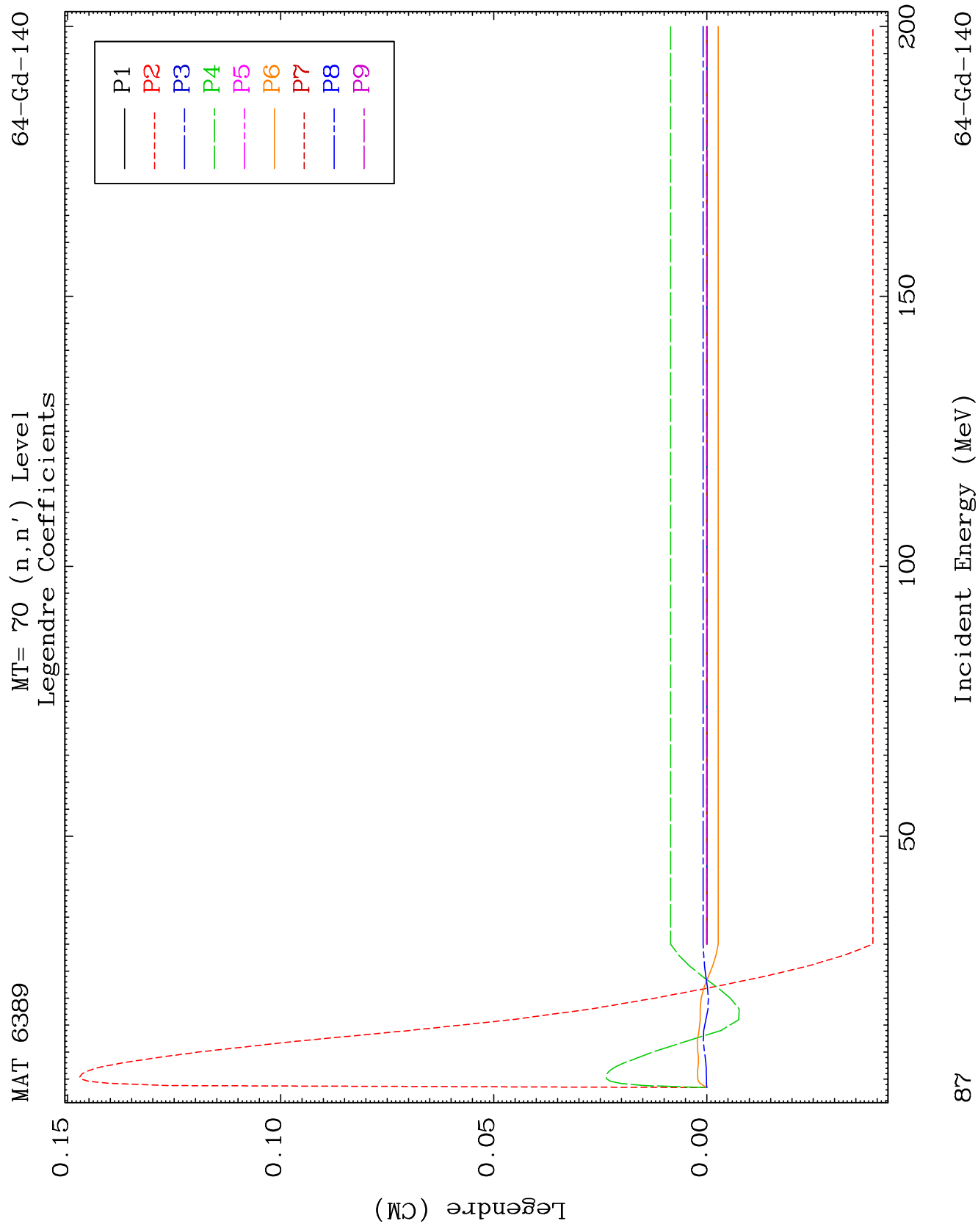


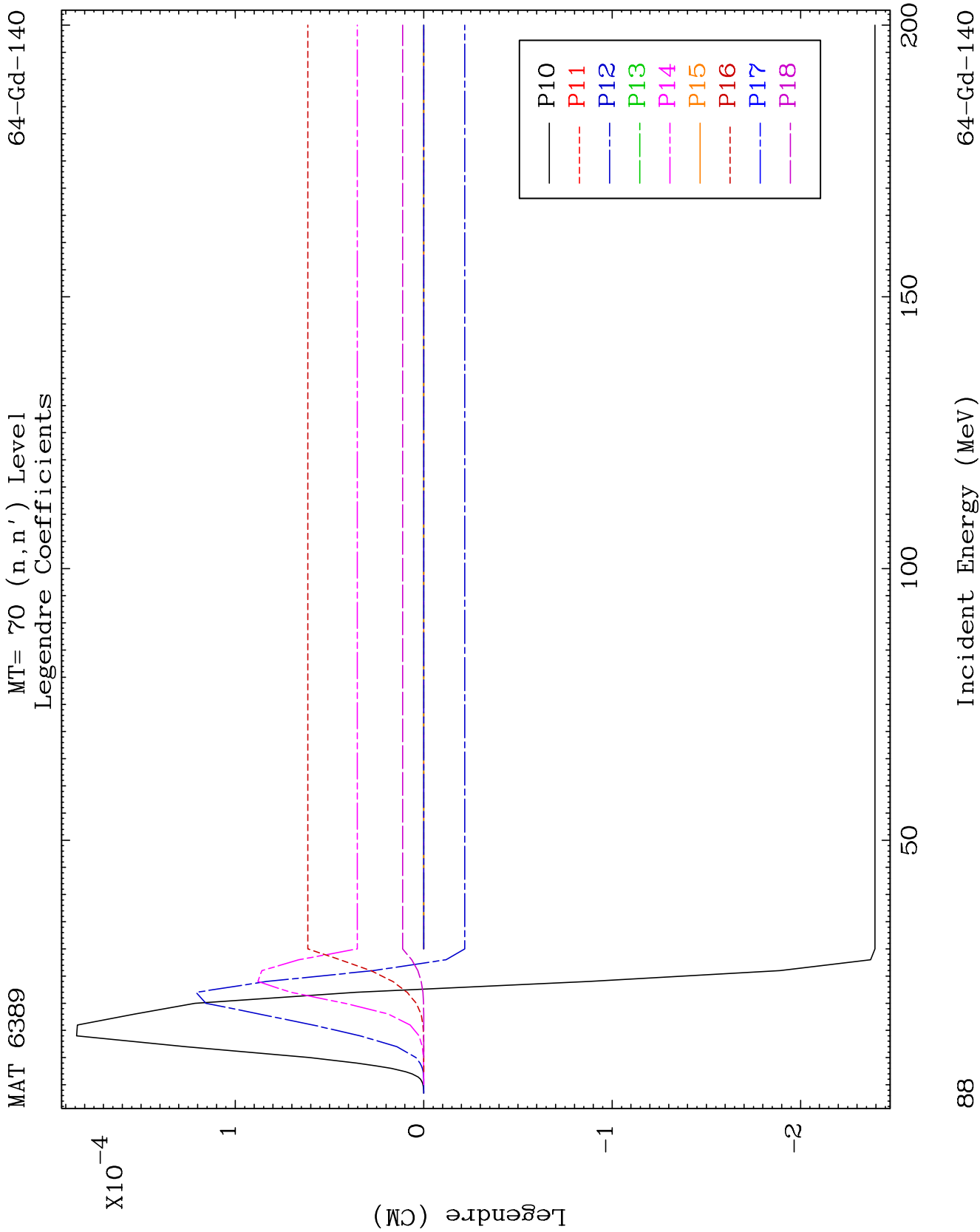


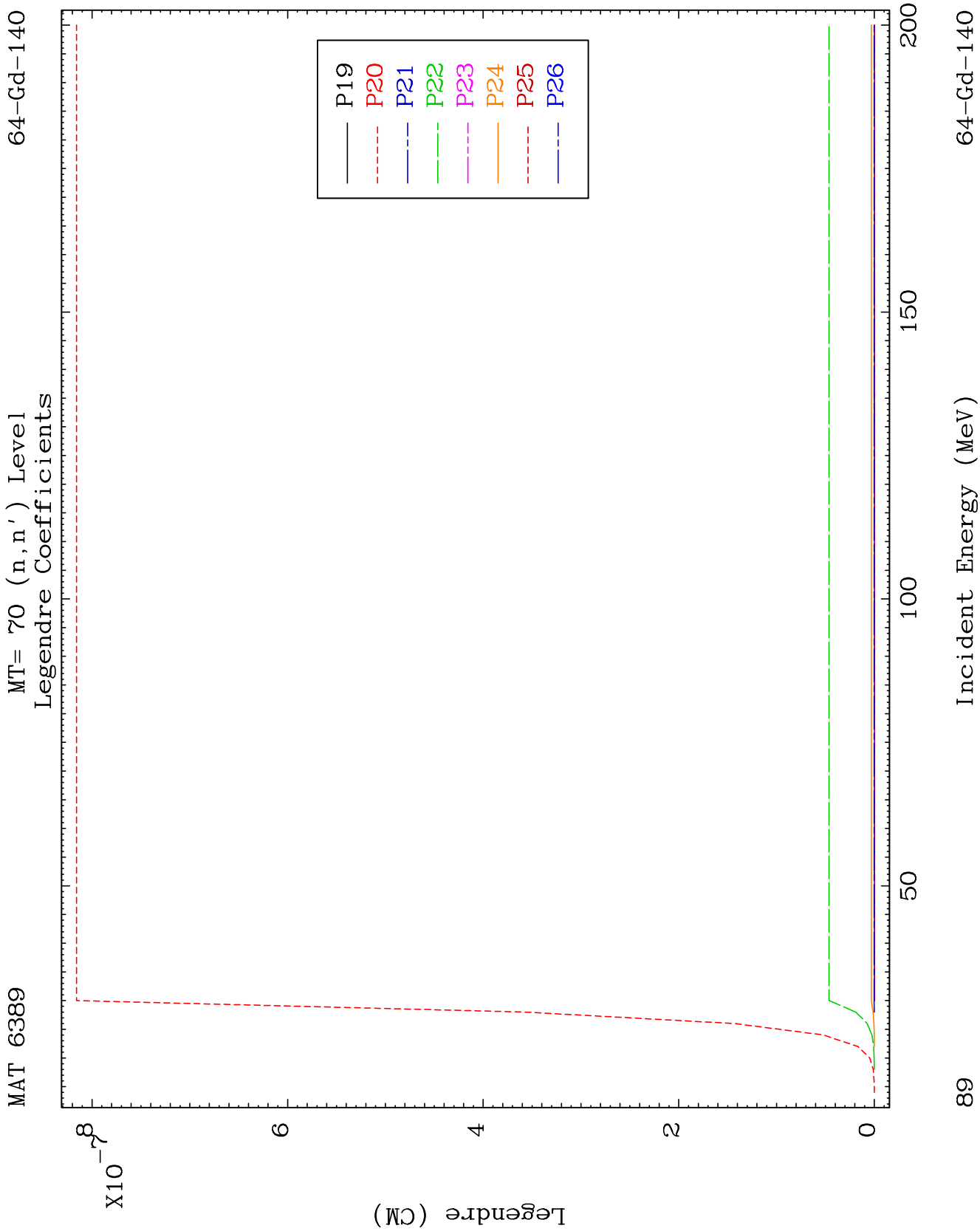








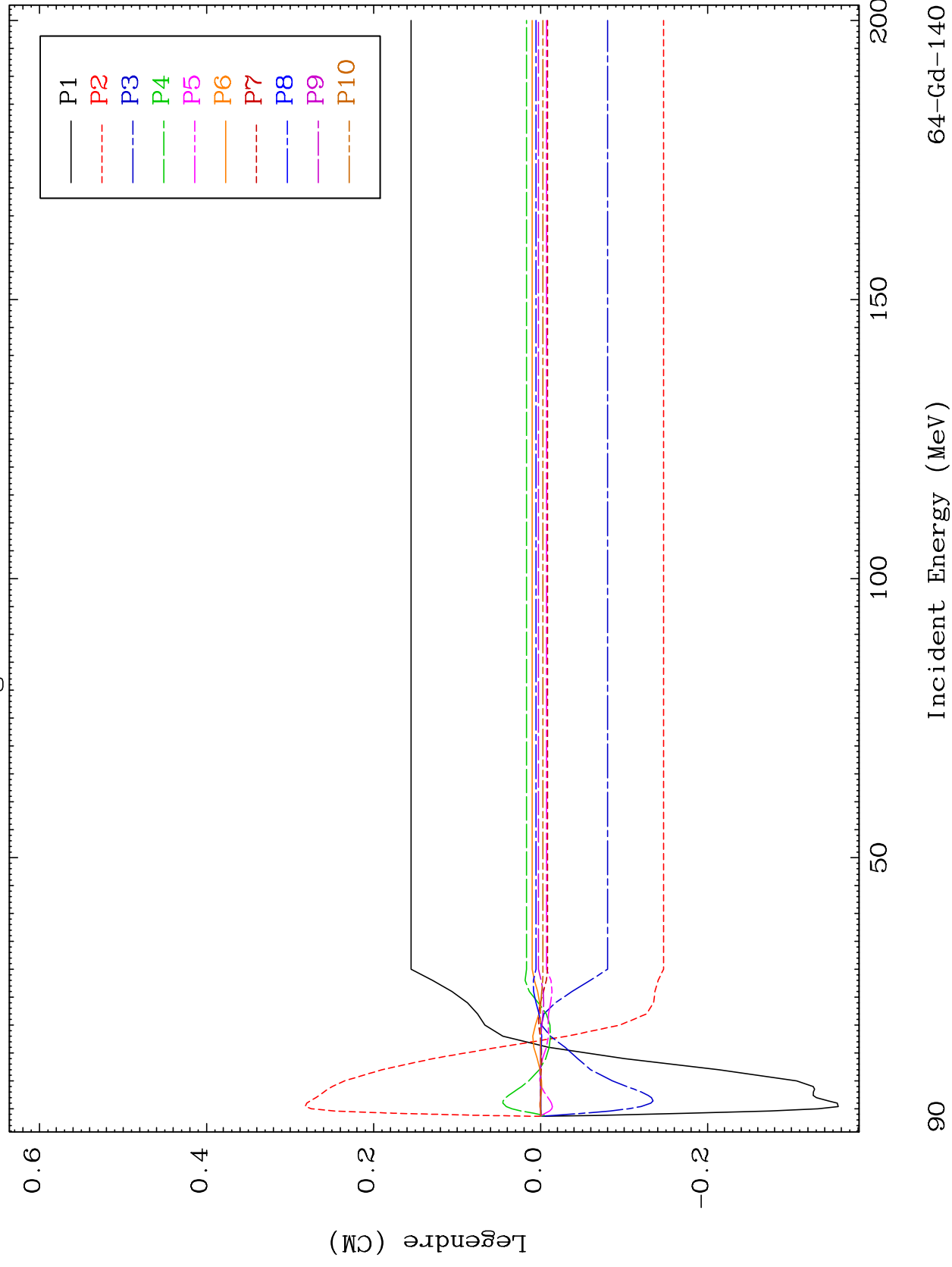


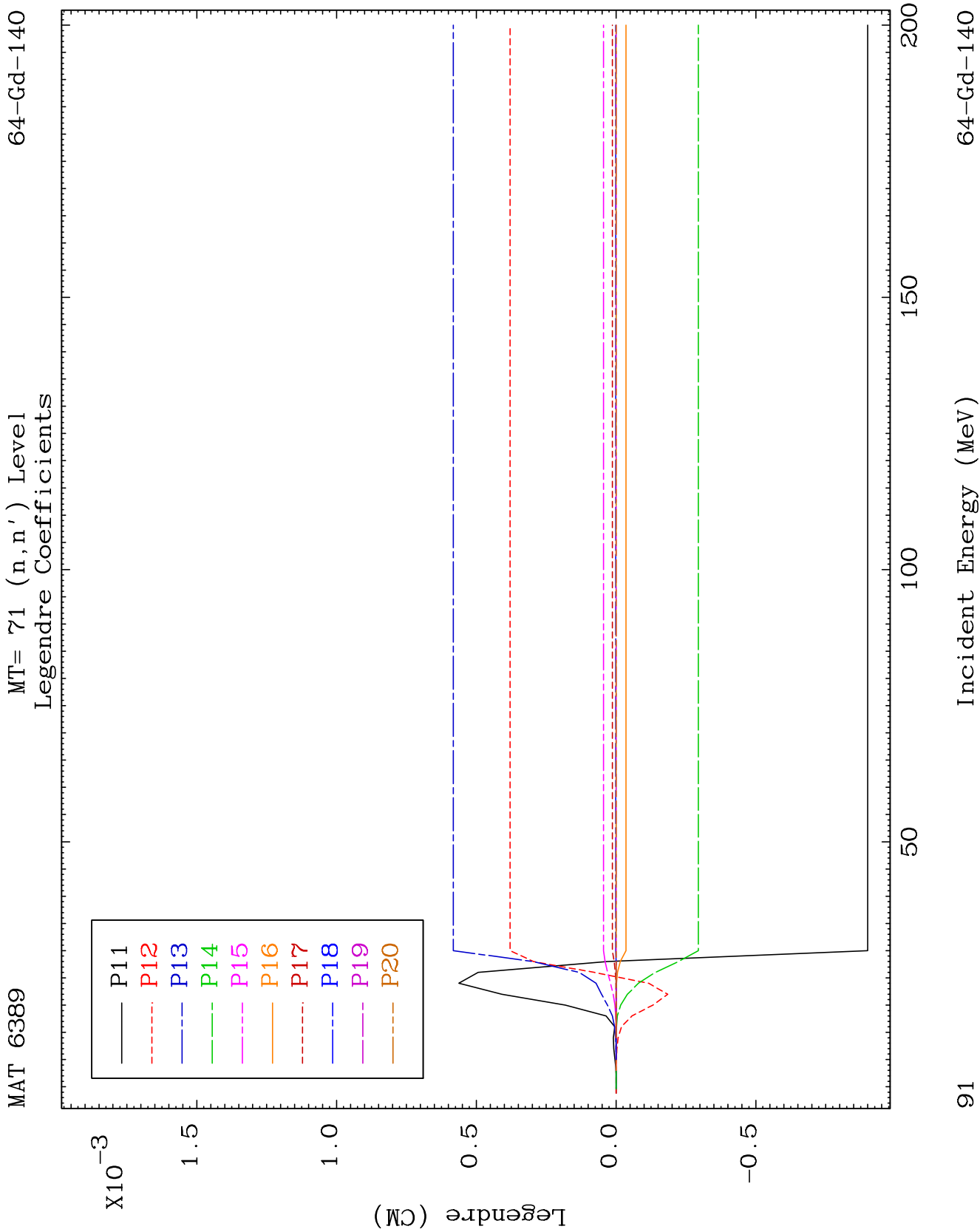


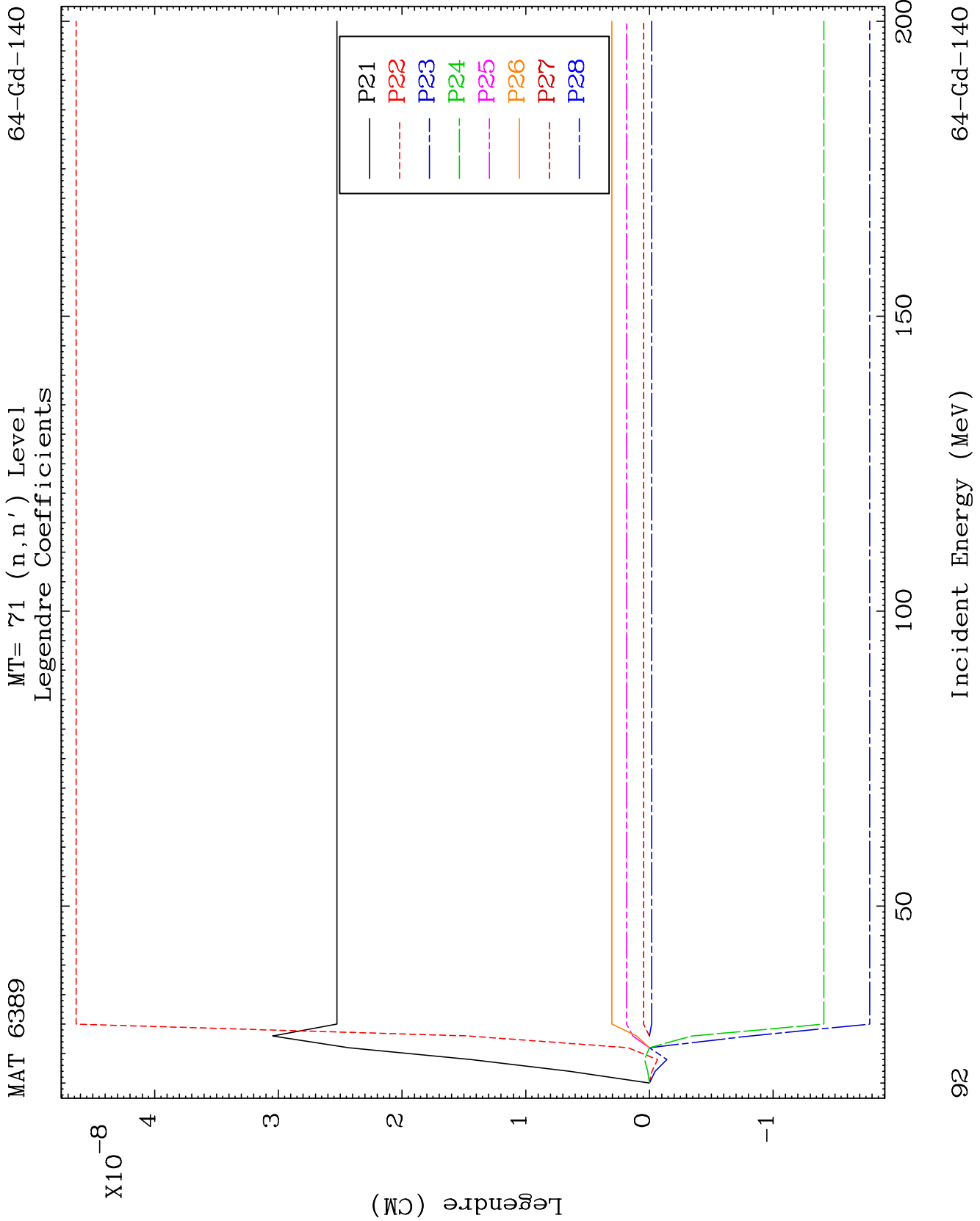
MAT 6389

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

64-Gd-140



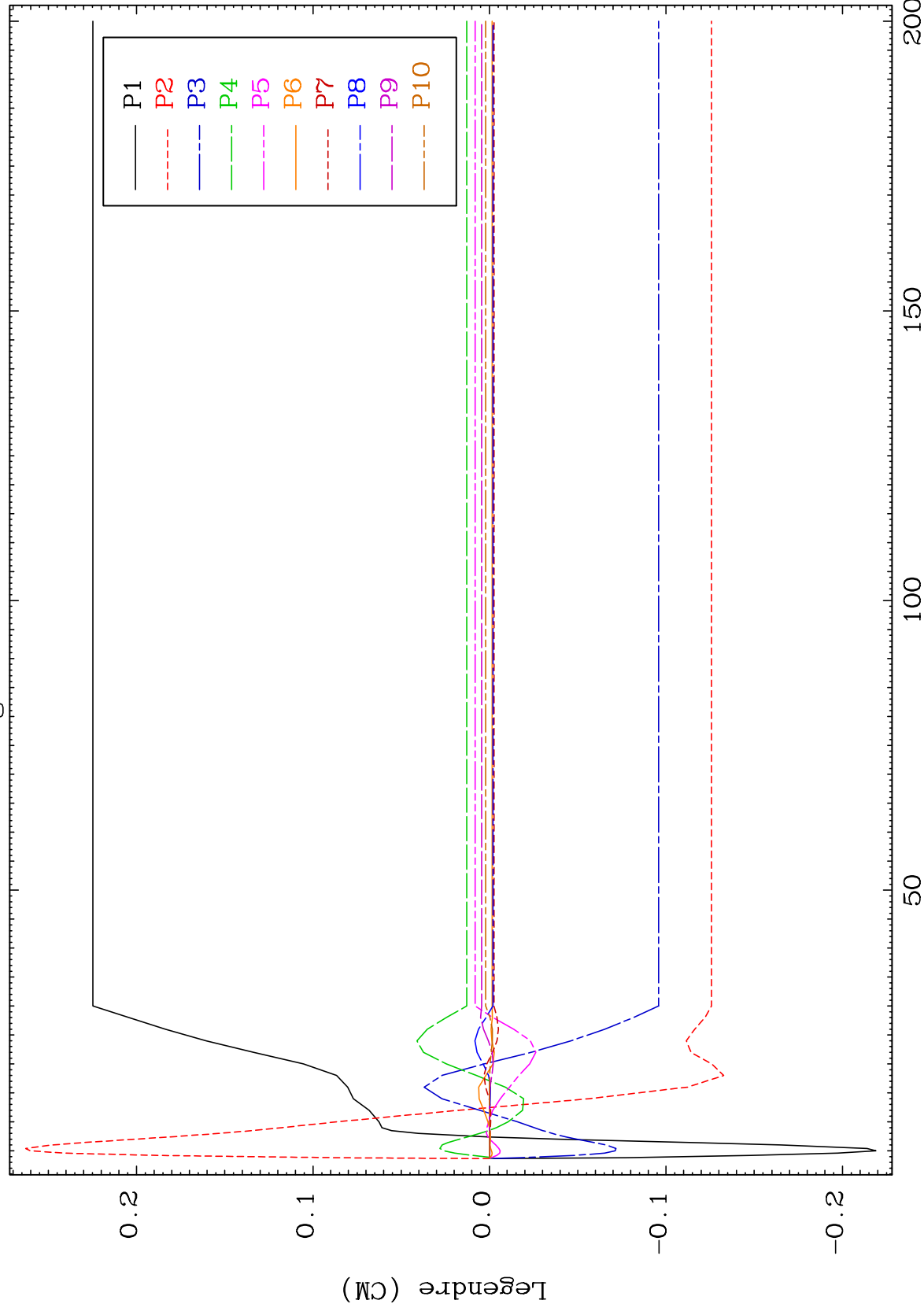




MAT 6389

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

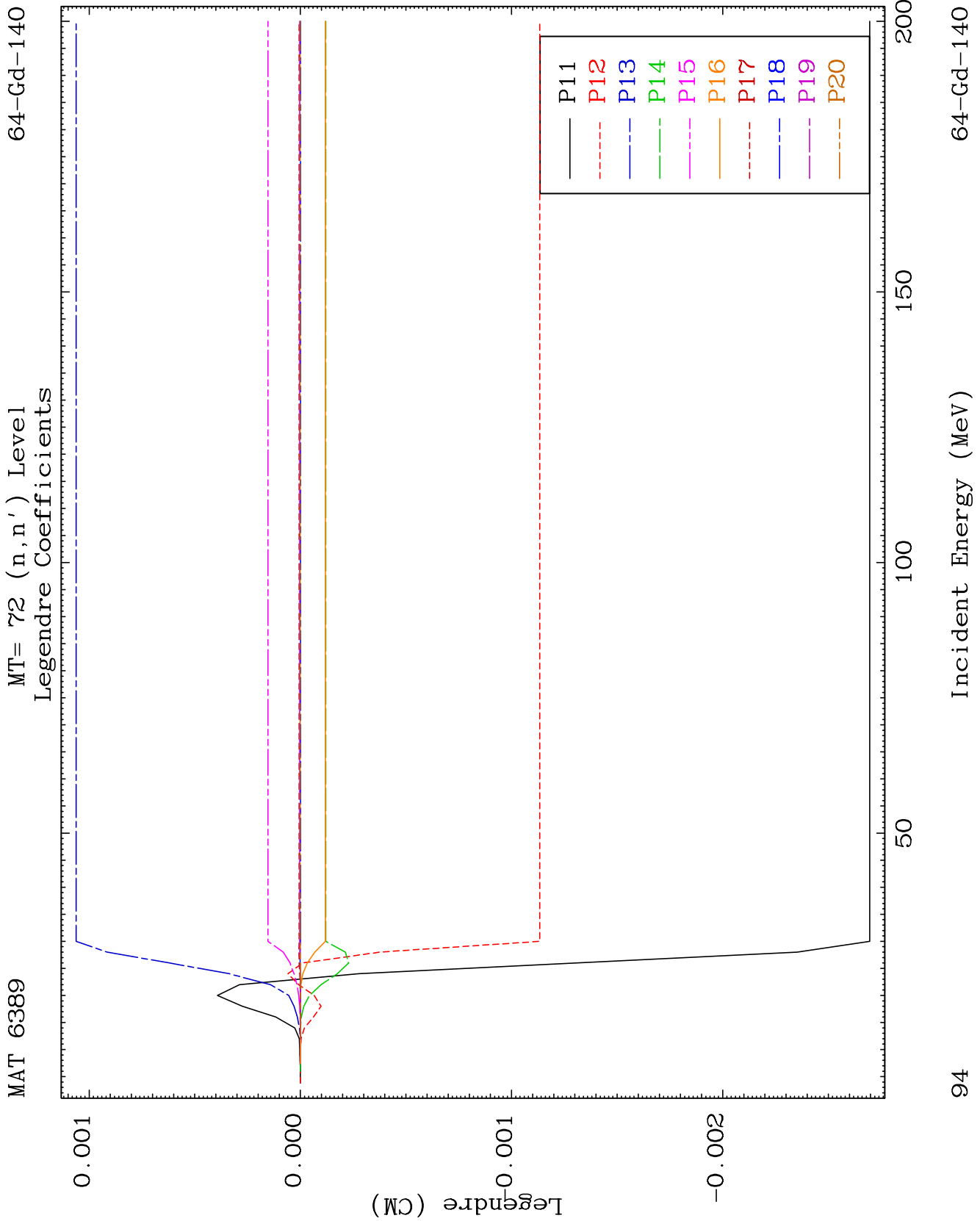
64-Gd-140

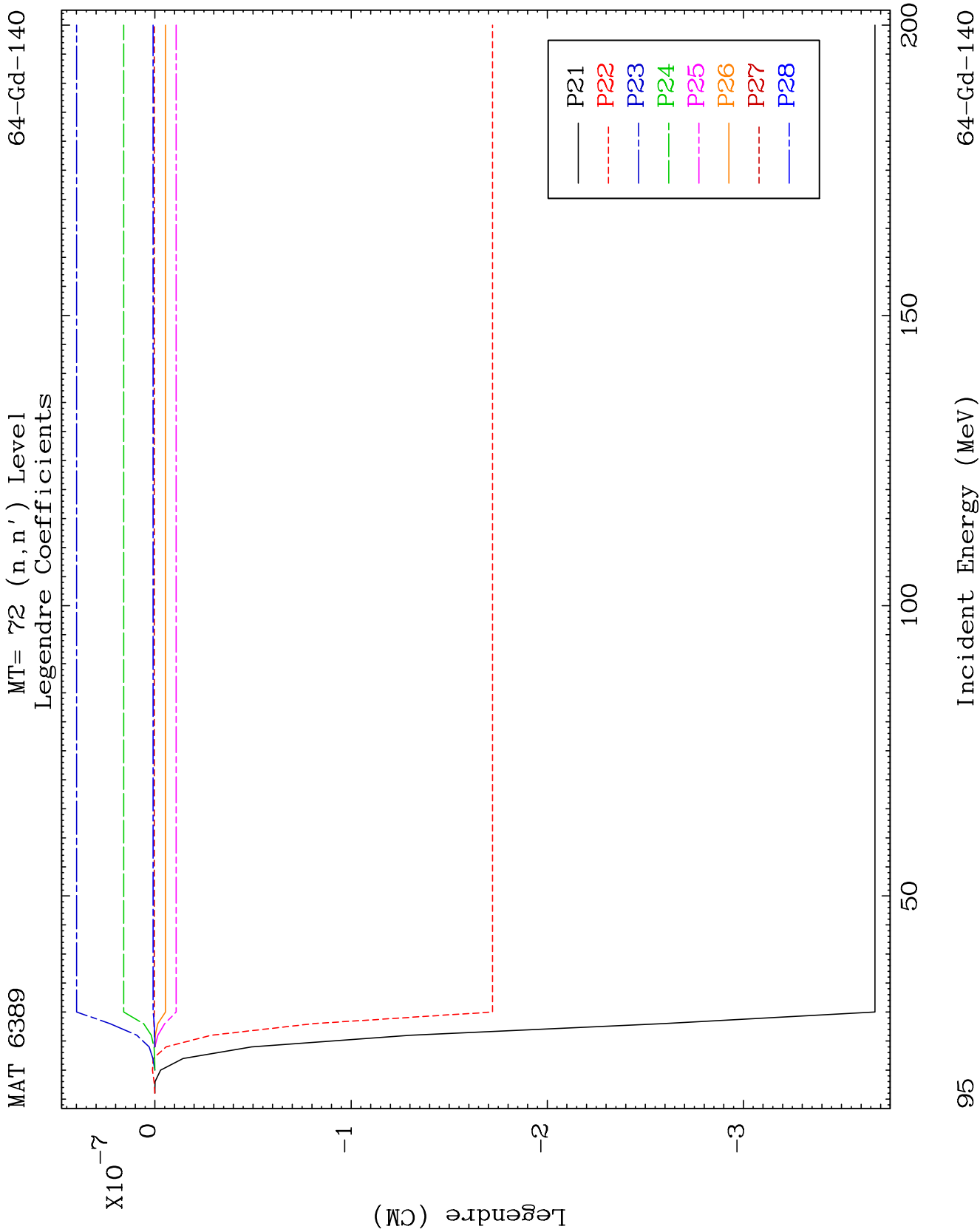


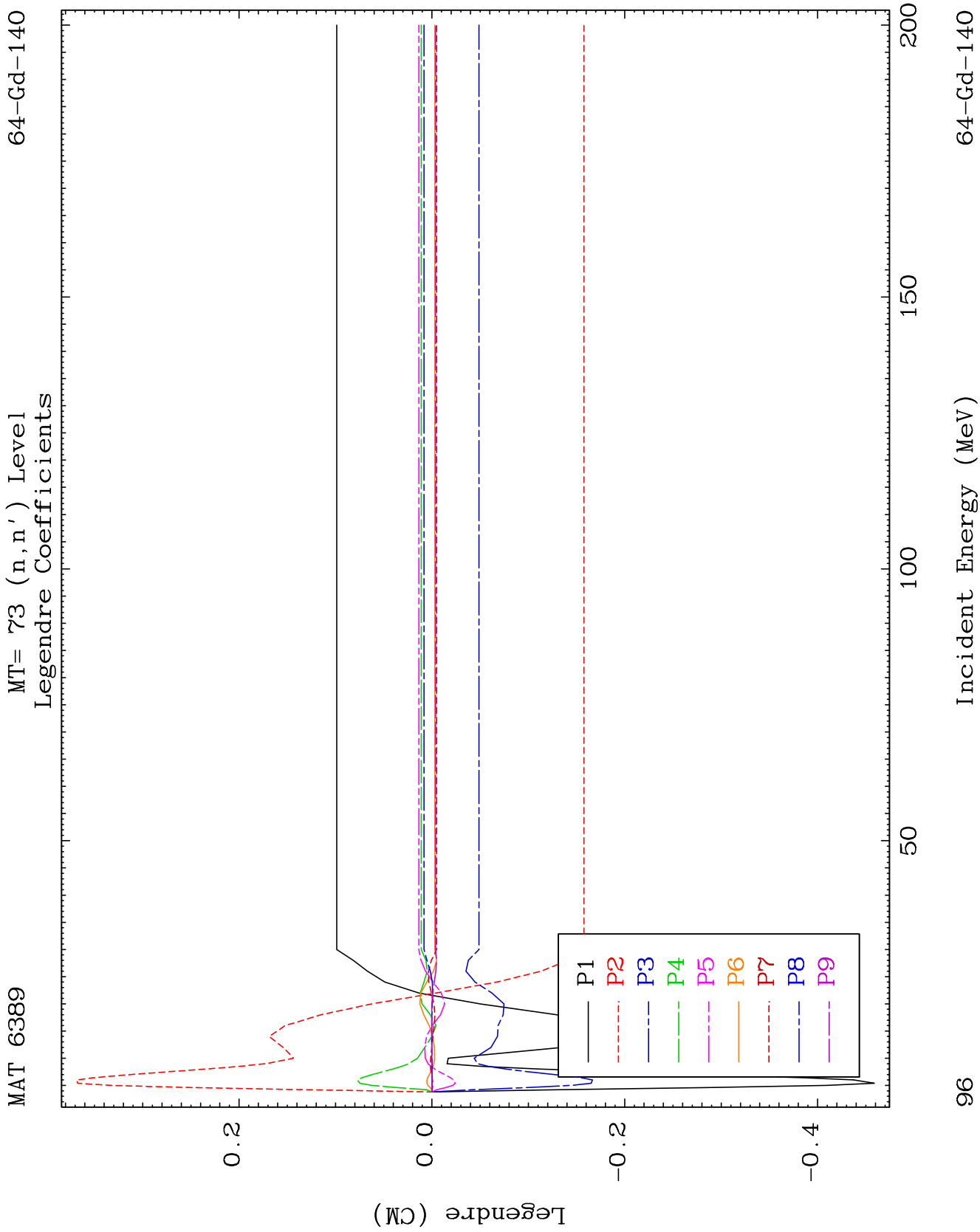
39

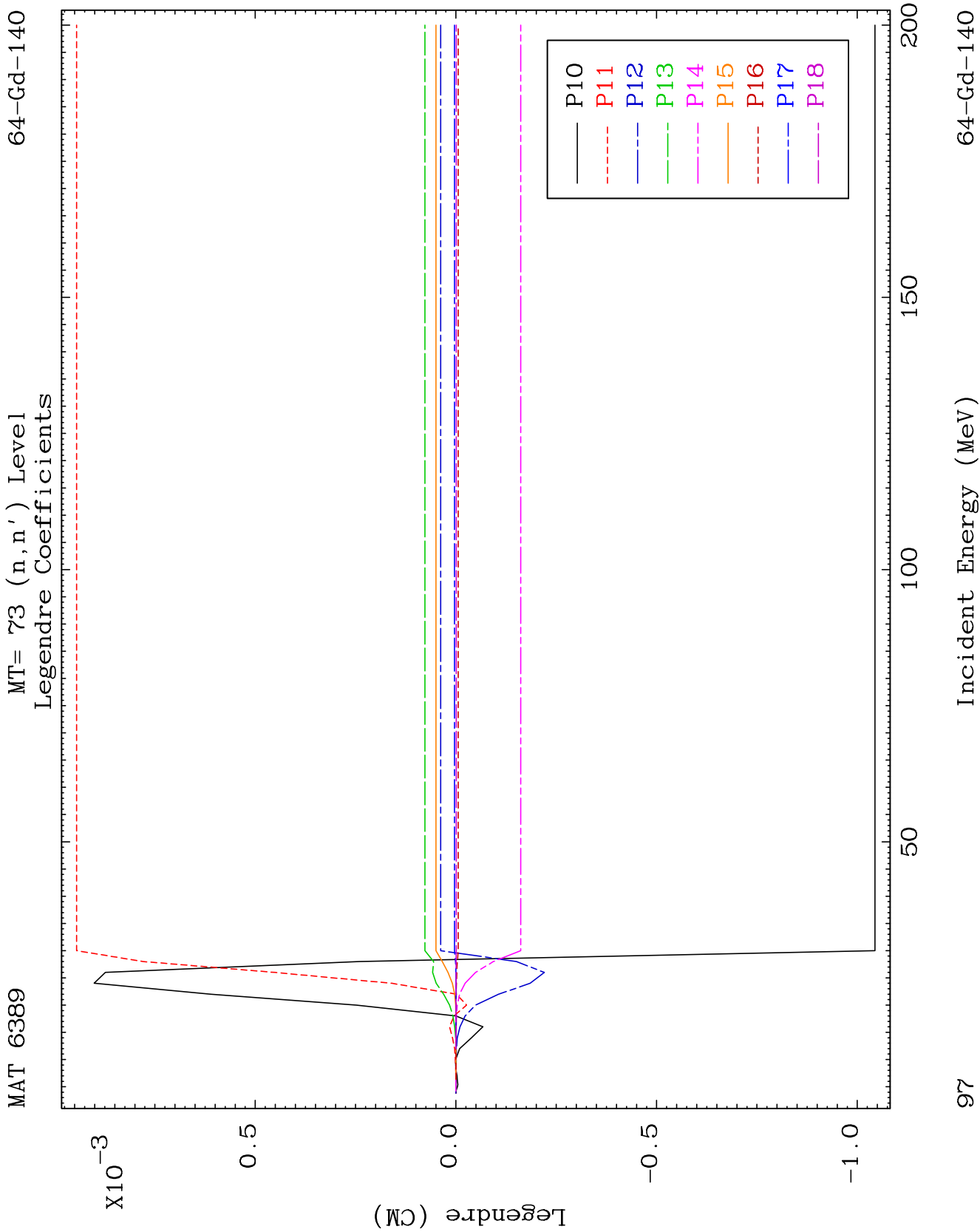
Incident Energy (MeV)

64-Gd-140





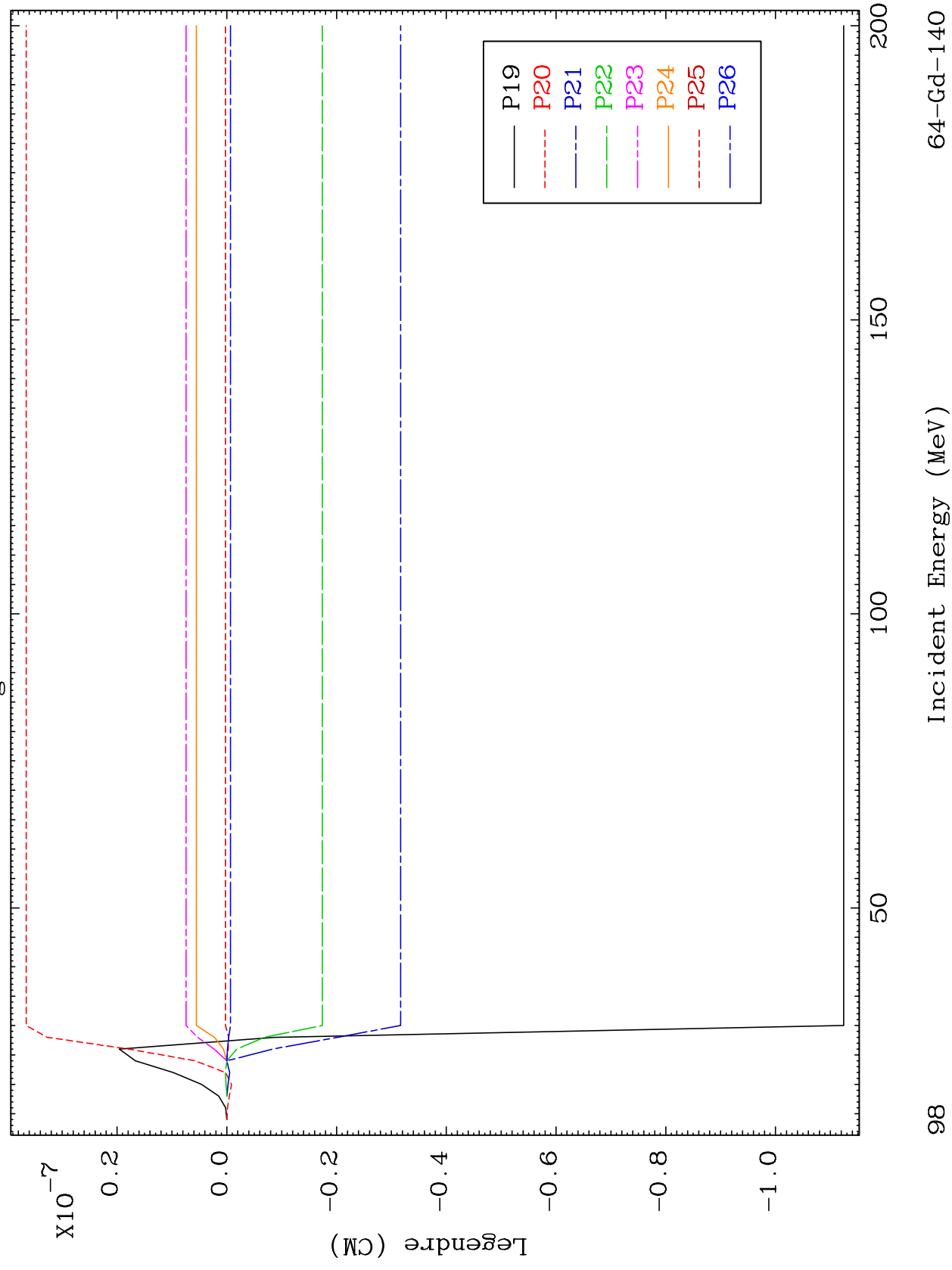


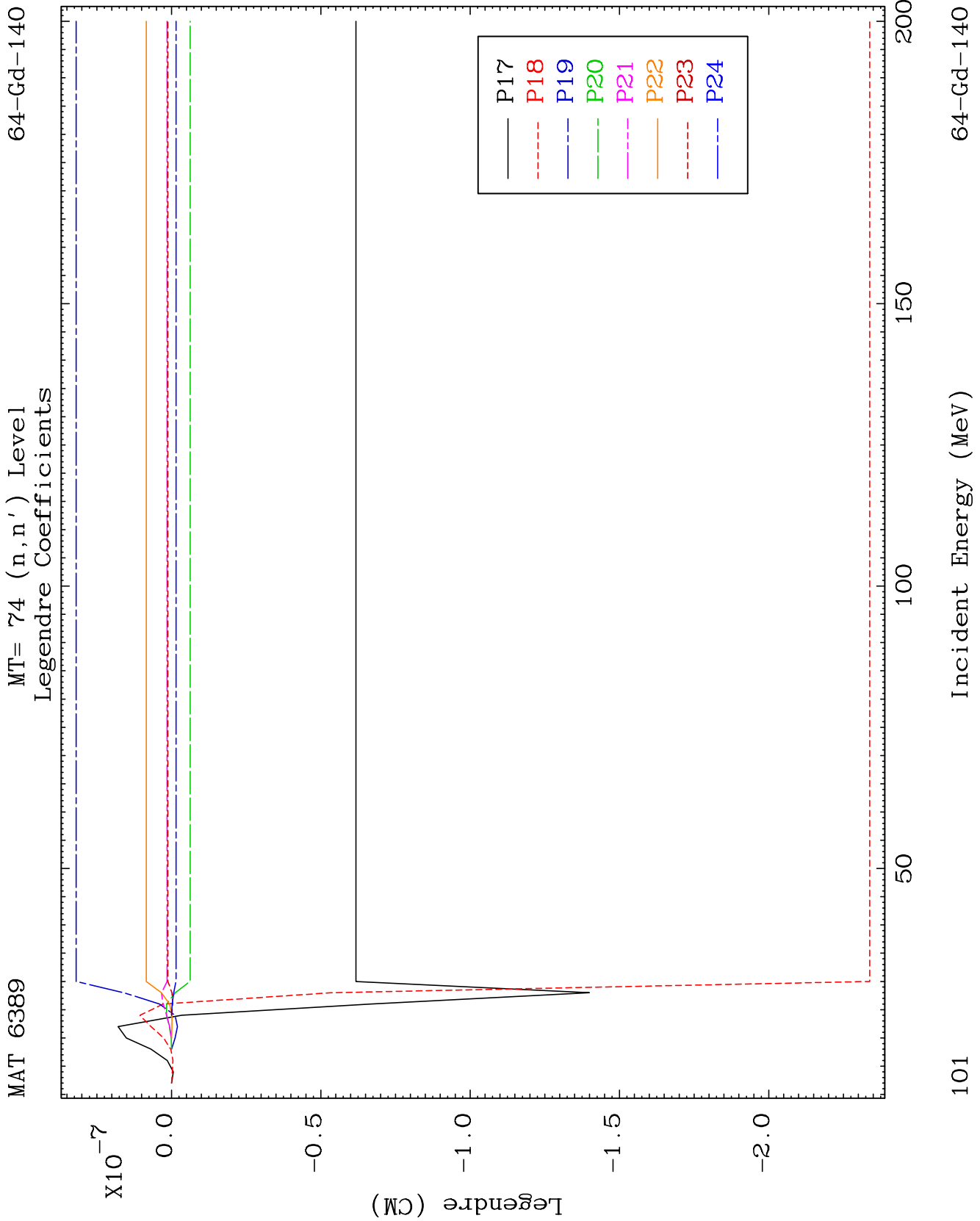


MAT 6389

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

64-Gd-140

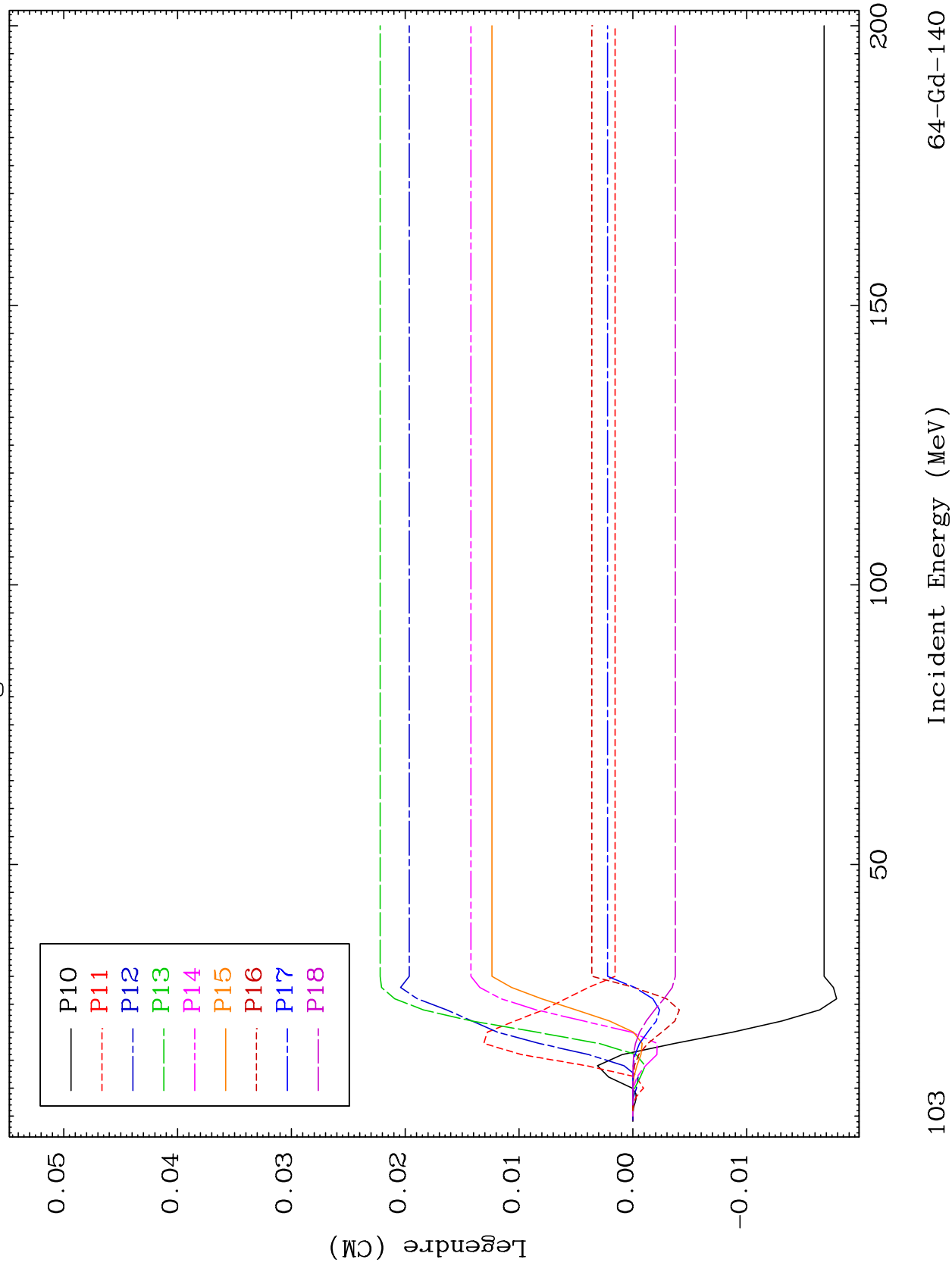


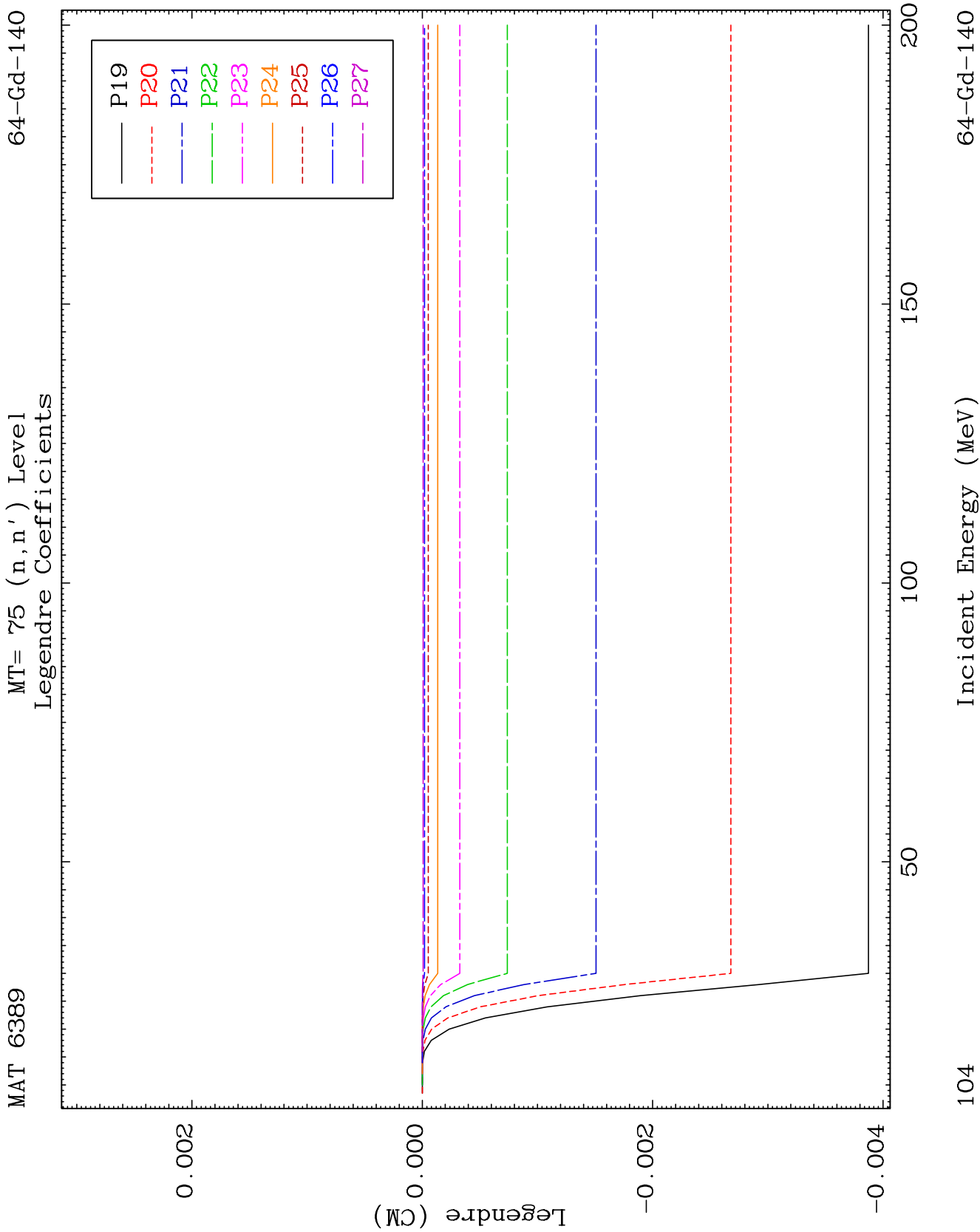


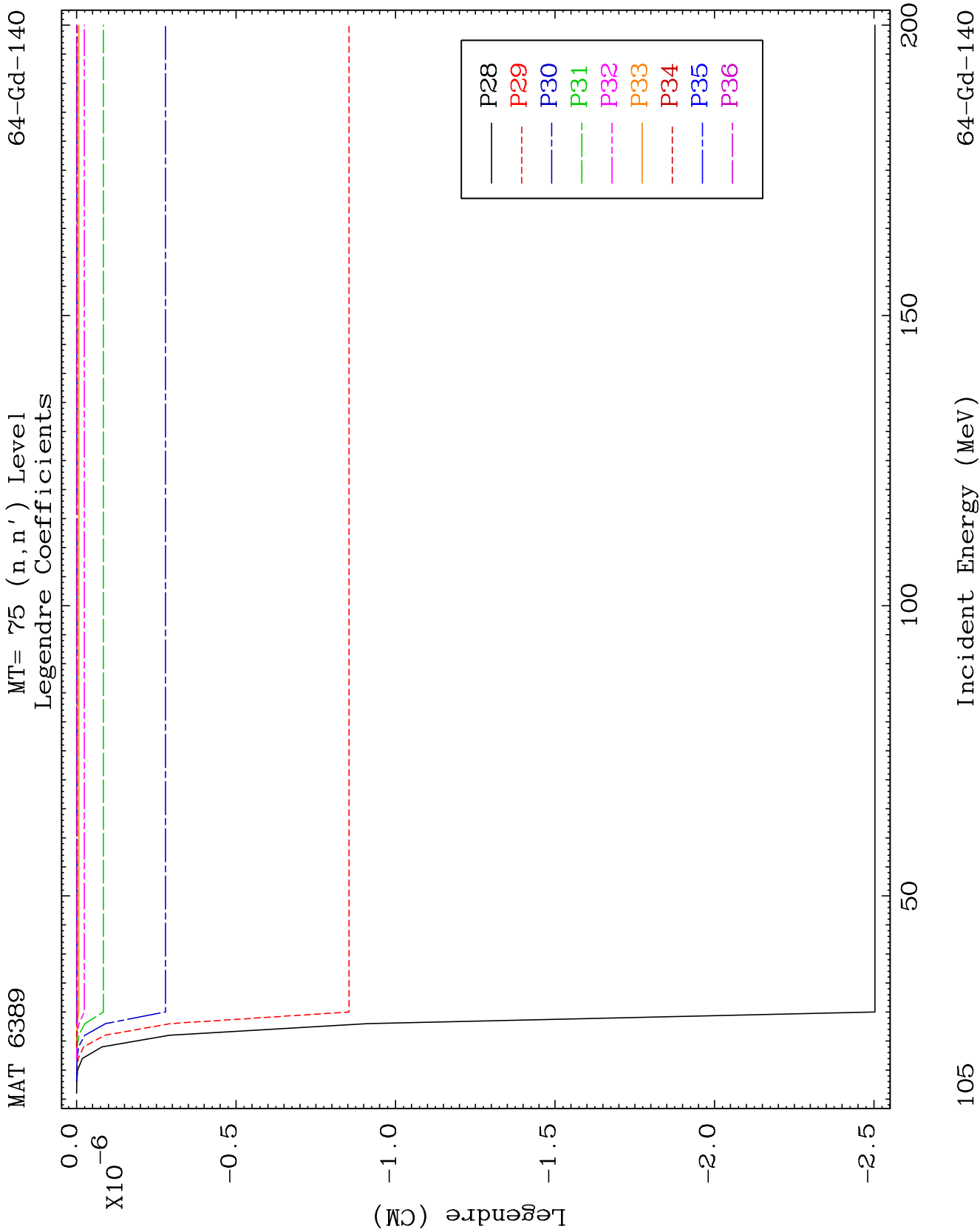
MAT 6389

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

64-Gd-140



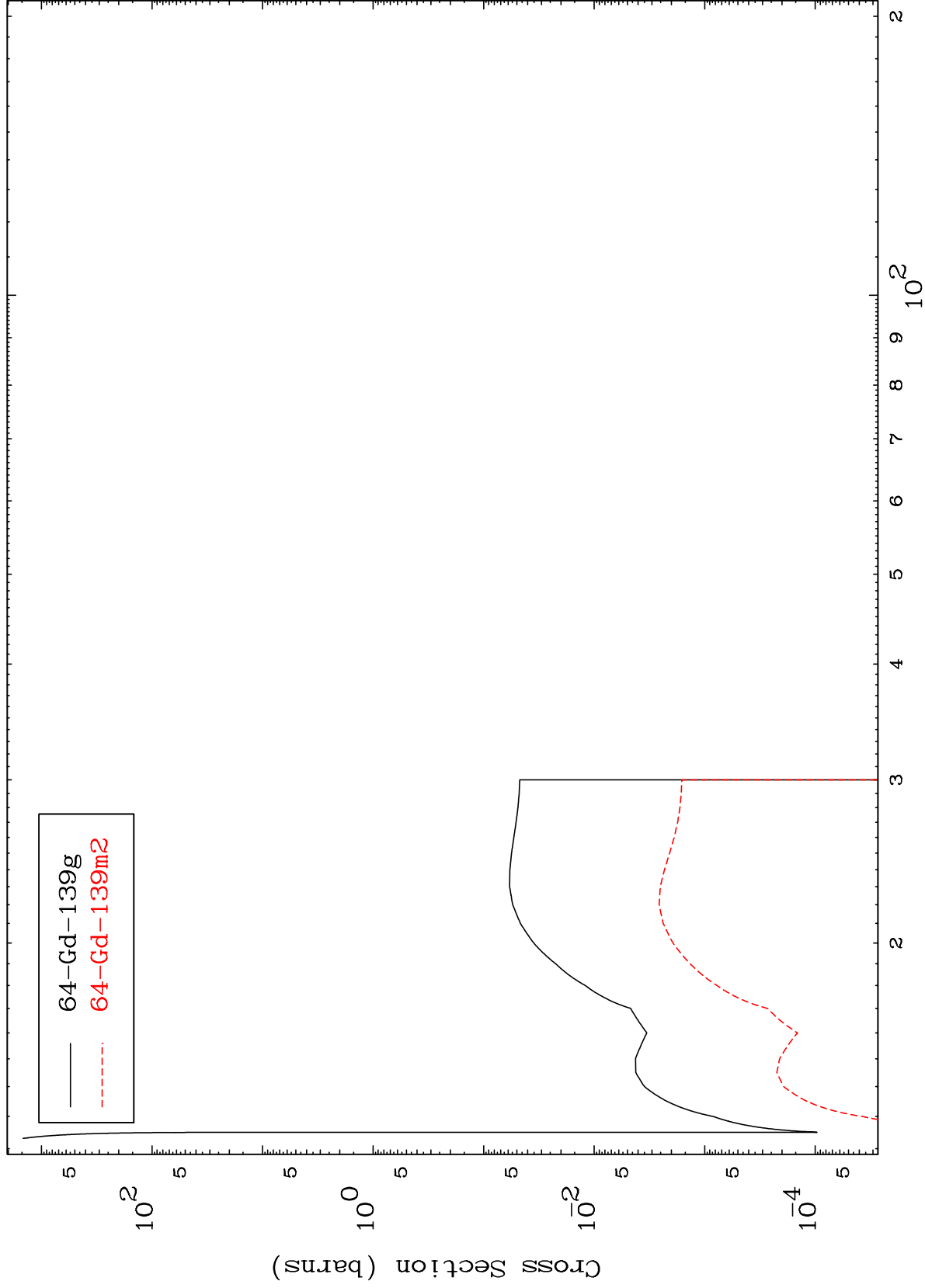




MAT 6389

64-Gd-140

Radionuclide Production Cross Section
(n,2n)



106

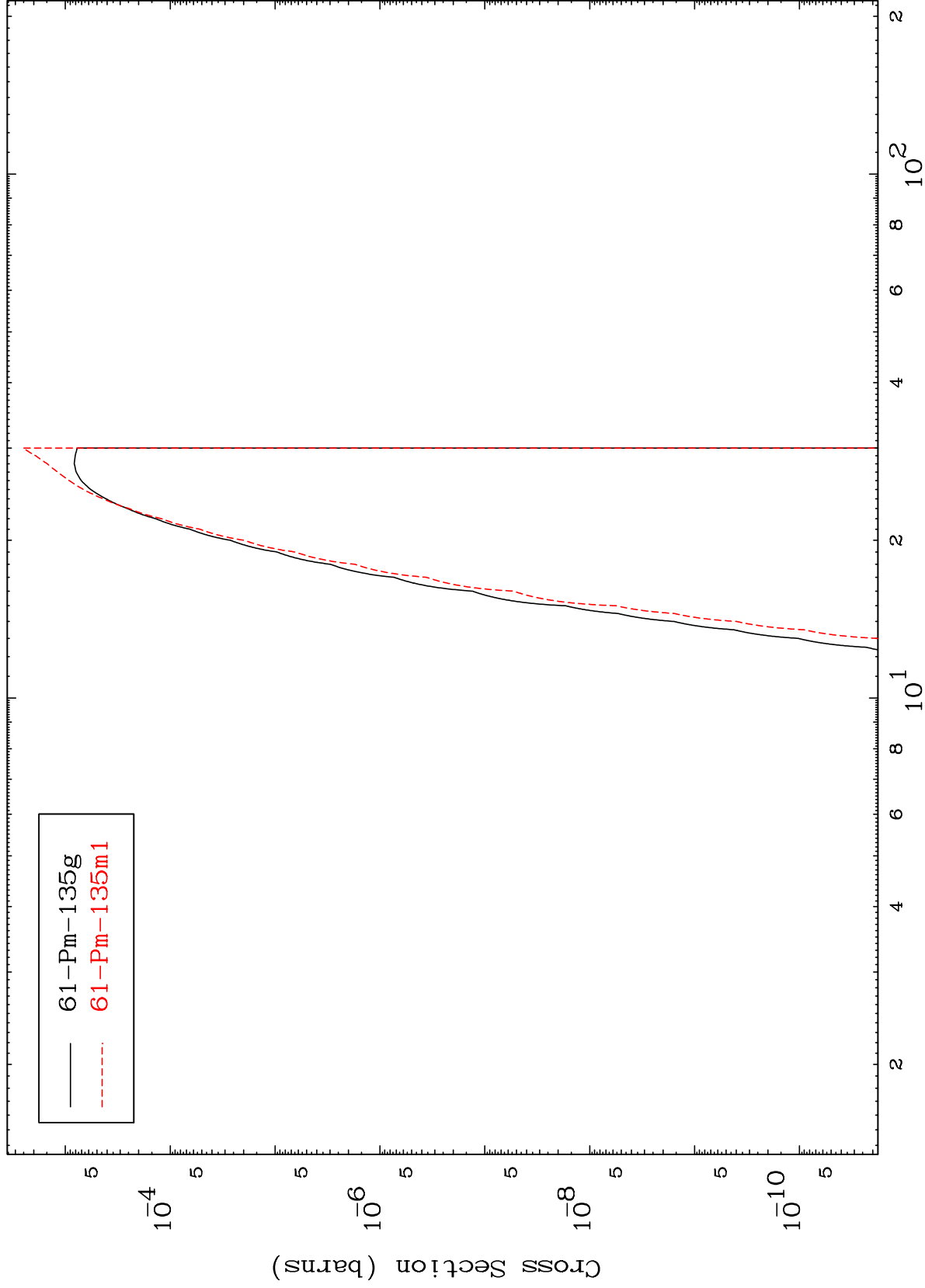
Incident Energy (MeV)

64-Gd-140

MAT 6389

64-Gd-140

(n,n') p α
Radionuclide Production Cross Section



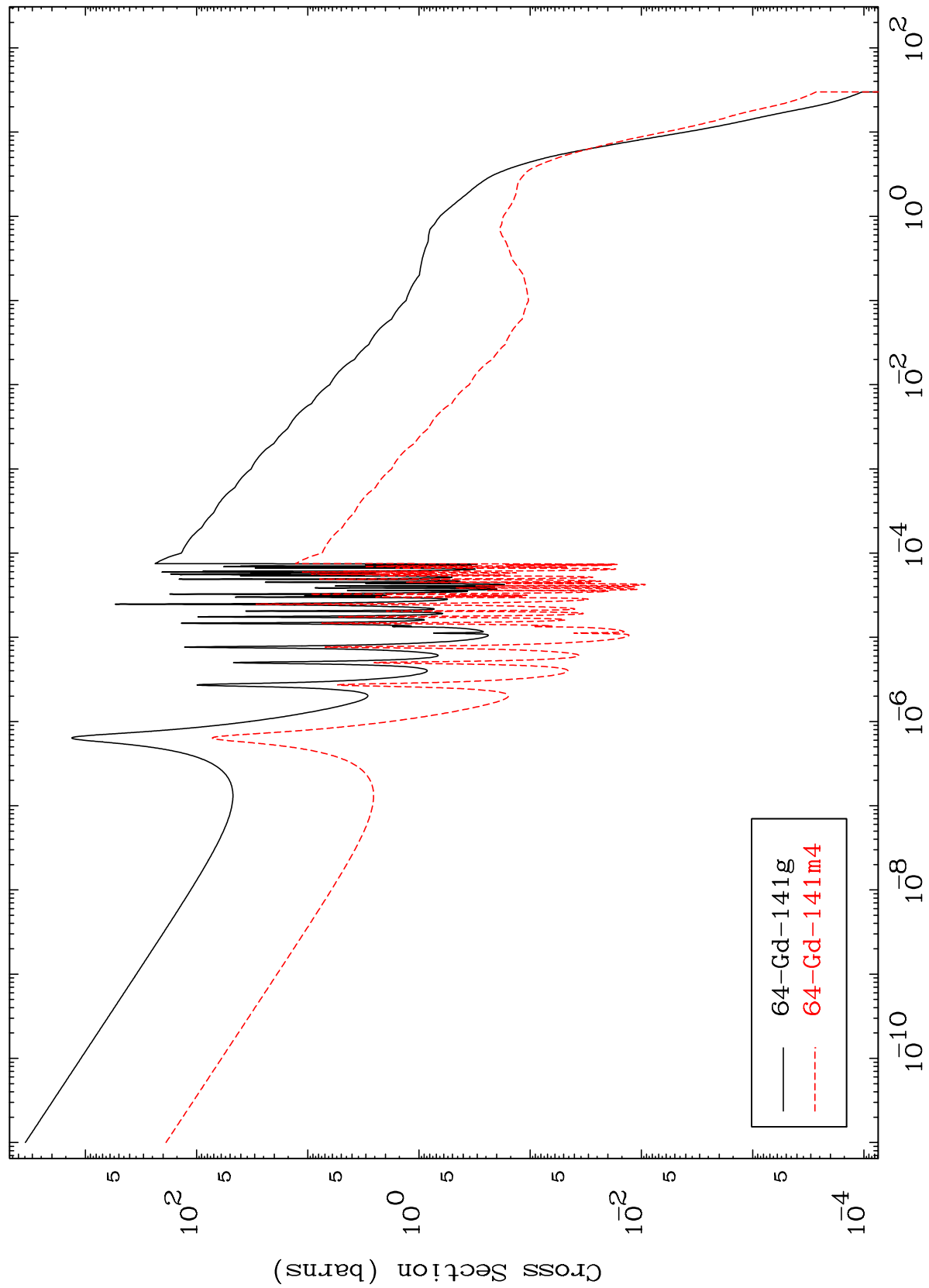
107

64-Gd-140

MAT 6389

64-Gd-140

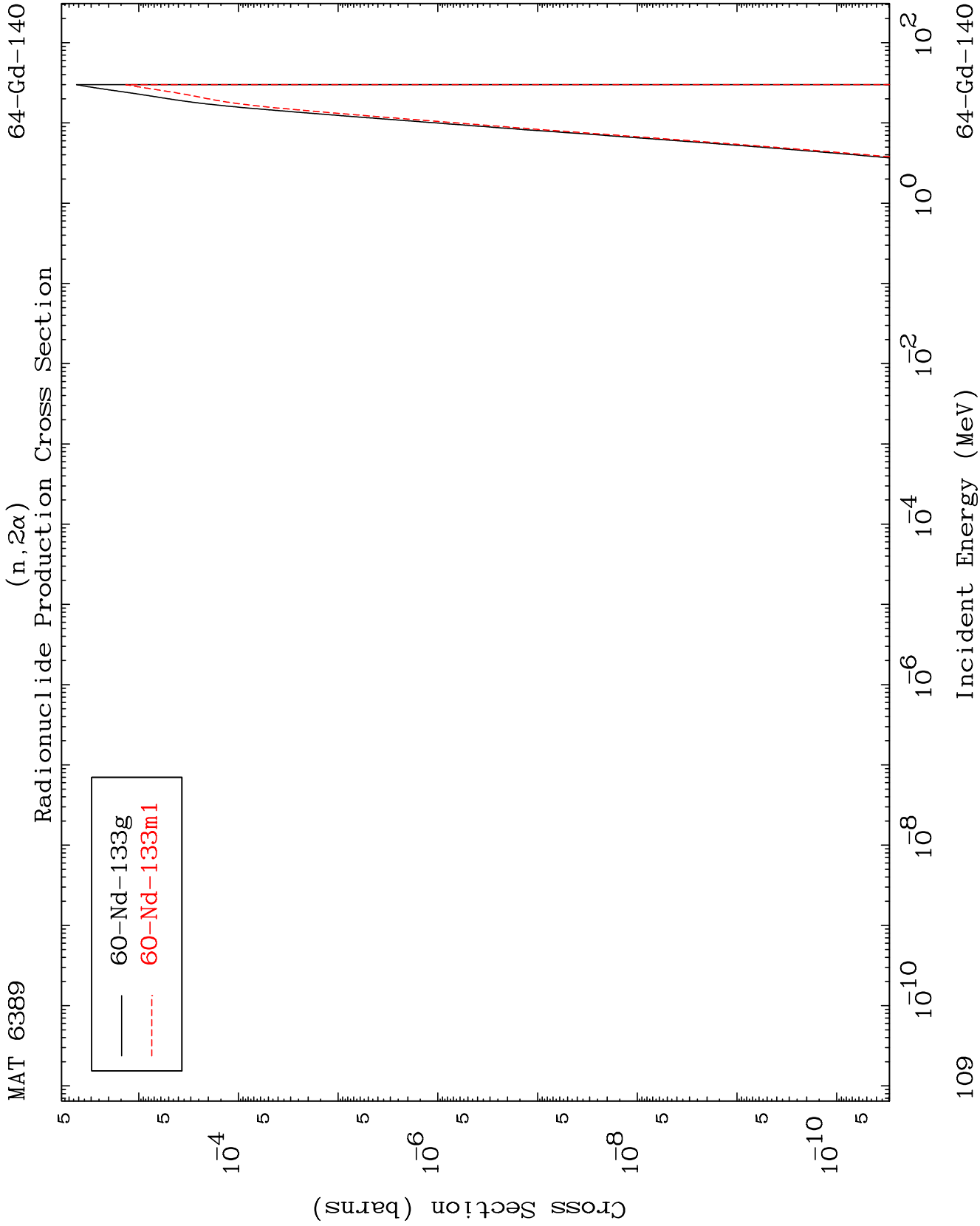
Radionuclide Production Cross Section
(n, γ)

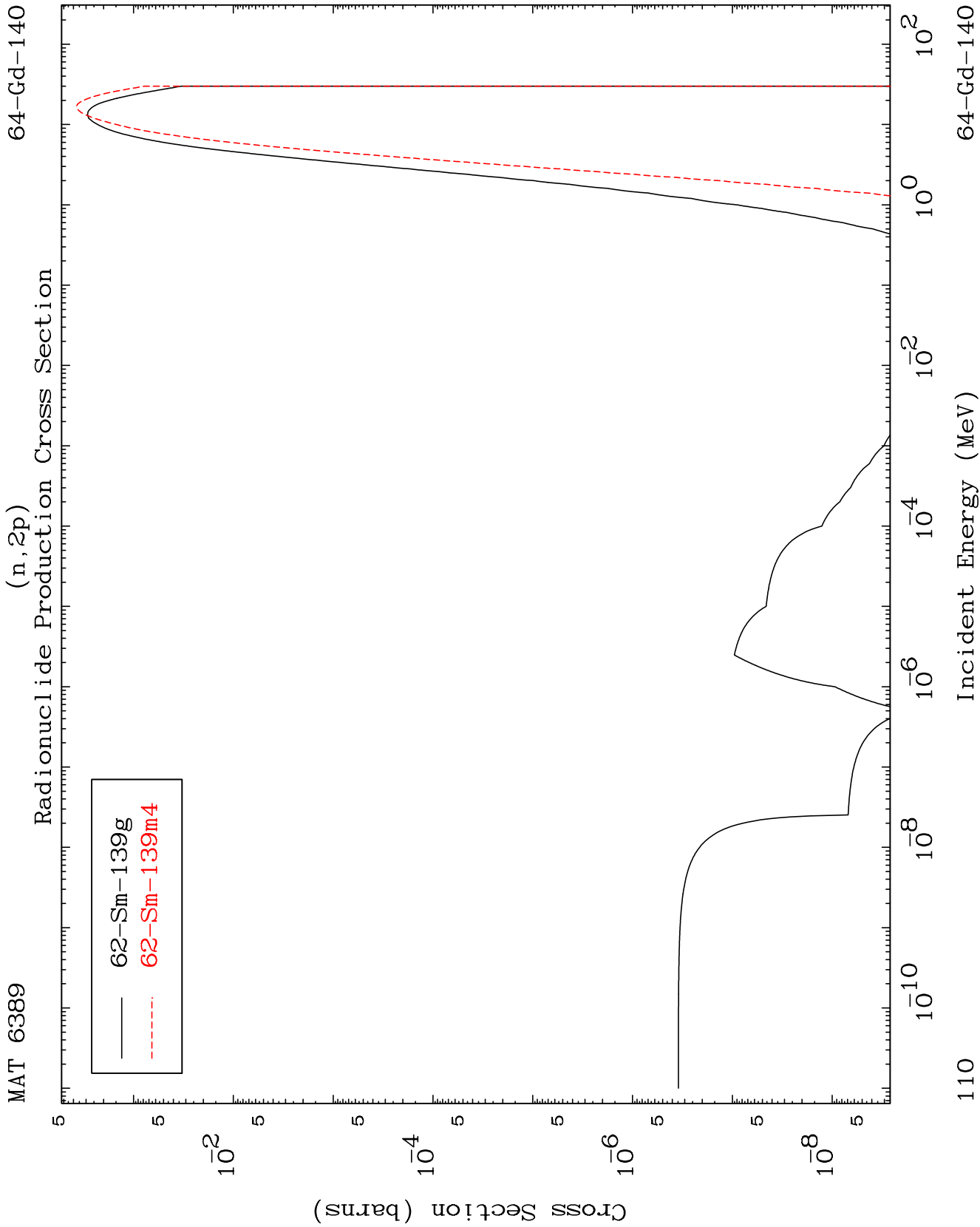


64-Gd-140

Incident Energy (MeV)

108



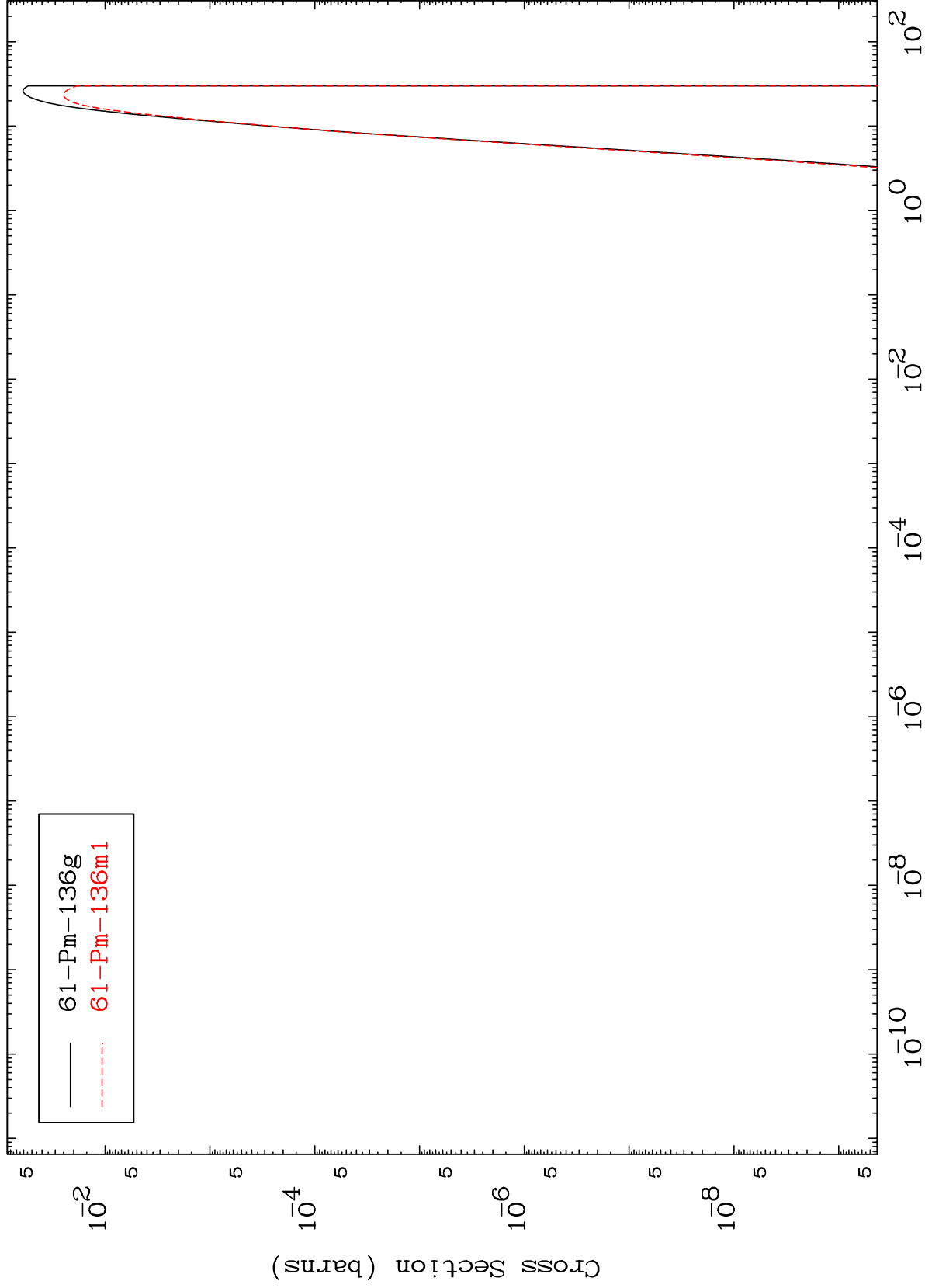


MAT 6389

(n,p) α

64-Gd-140

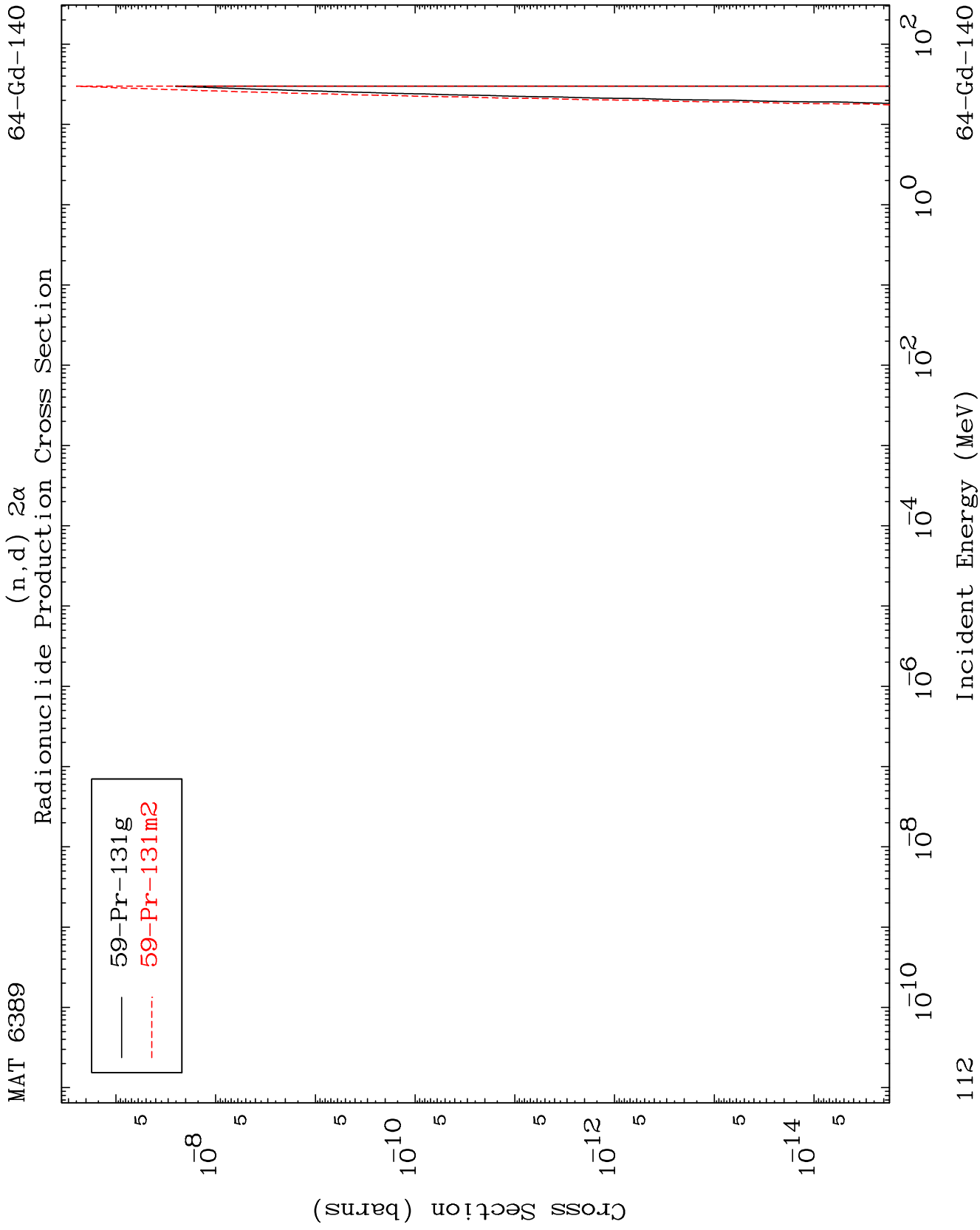
Radionuclide Production Cross Section



111

Incident Energy (MeV)

64-Gd-140

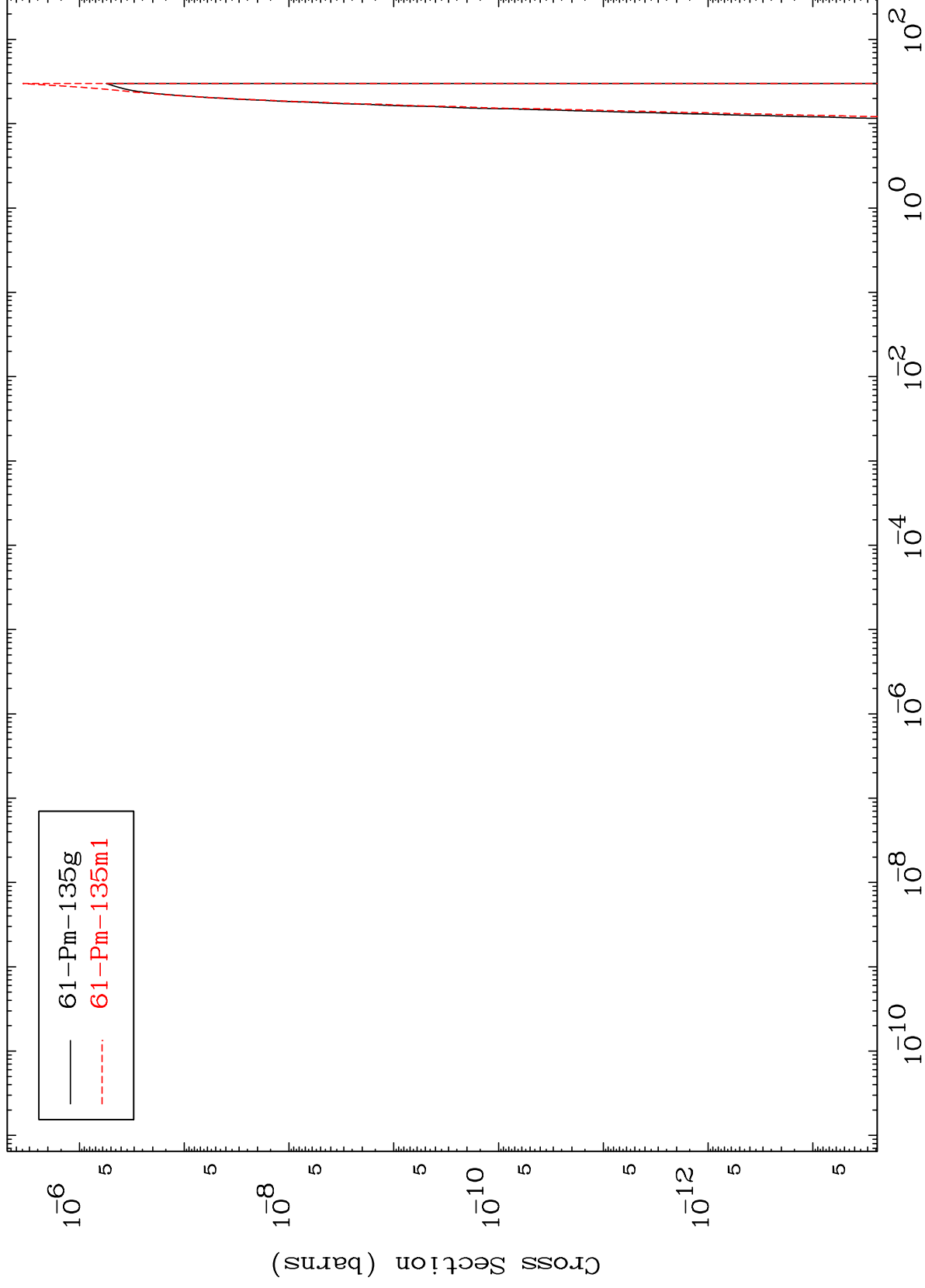


MAT 6389

(n,d) α

64-Gd-140

Radionuclide Production Cross Section



113

Incident Energy (MeV)

64-Gd-140