

Program EVALPLOT
(Version 2021-1)

by

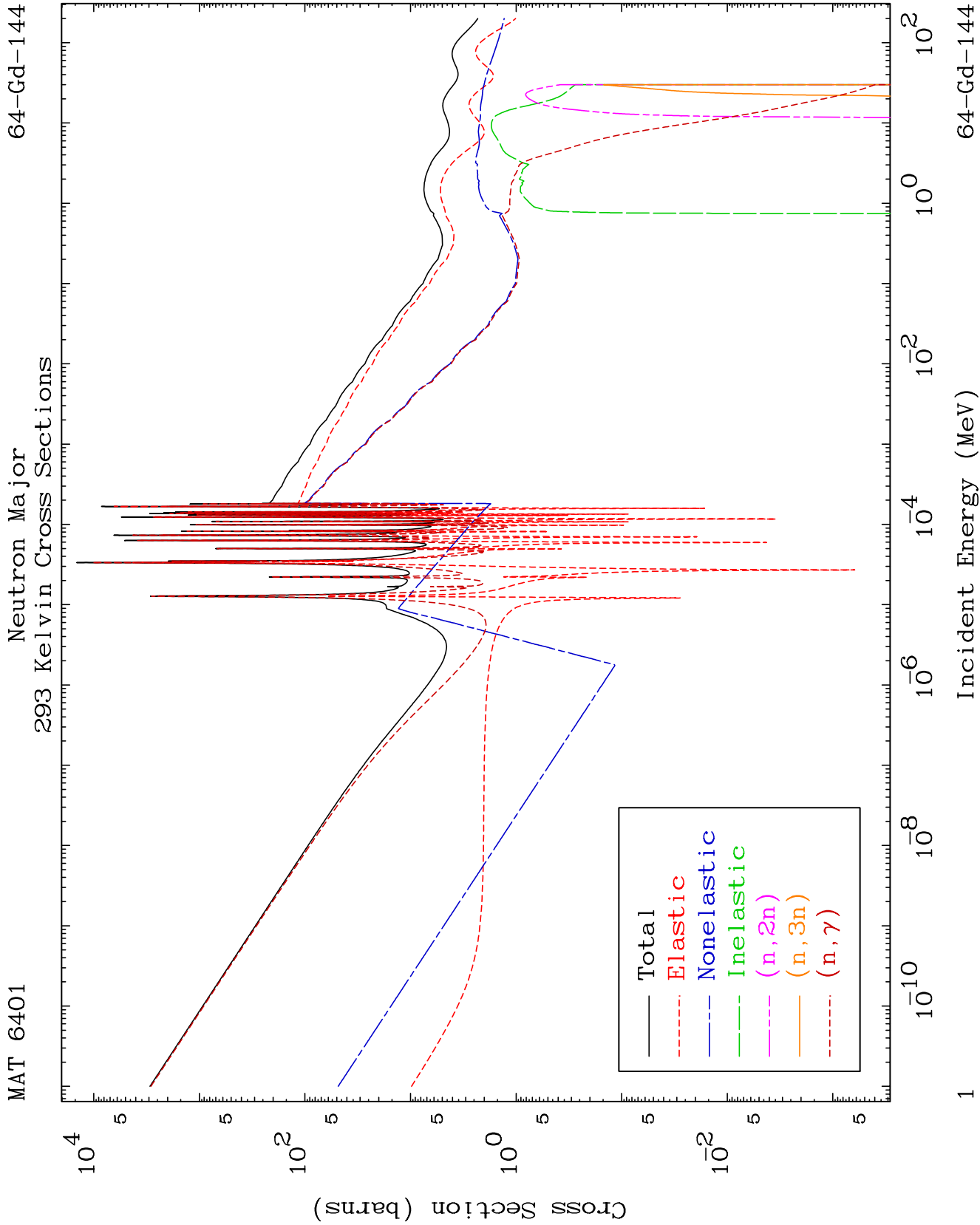
Dermott E. Cullen
(Present Contact Information)

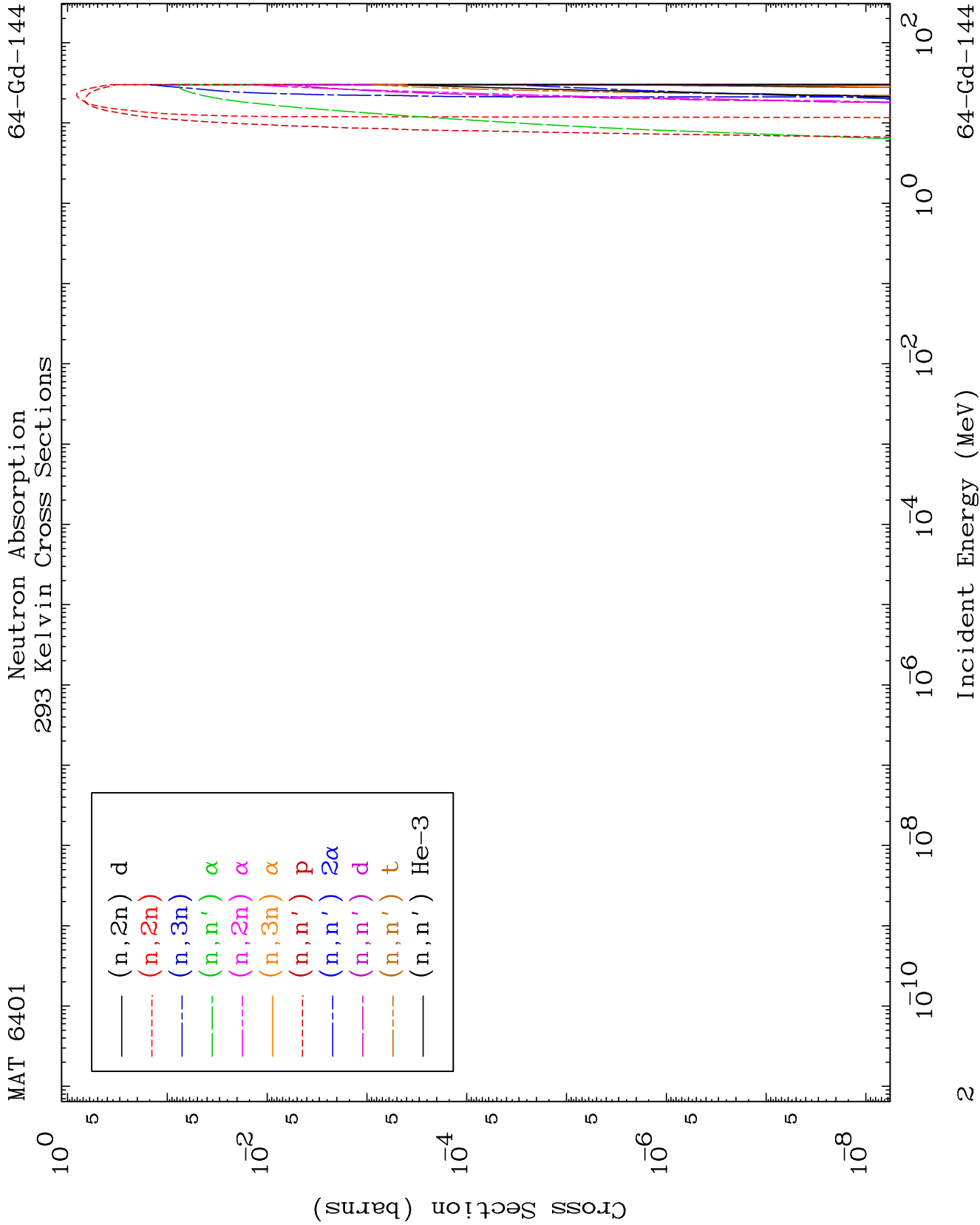
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

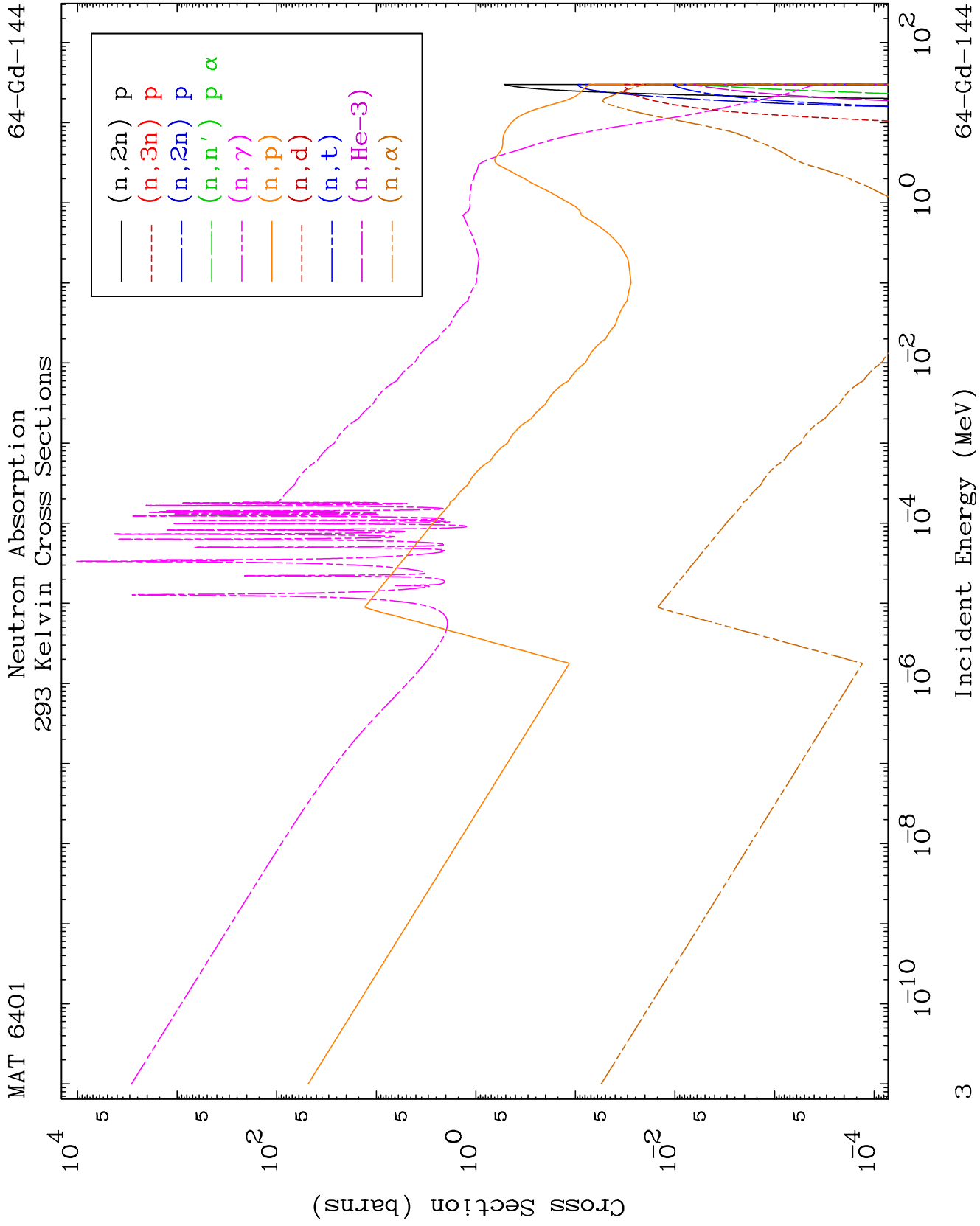
Tele: 925-443-1911

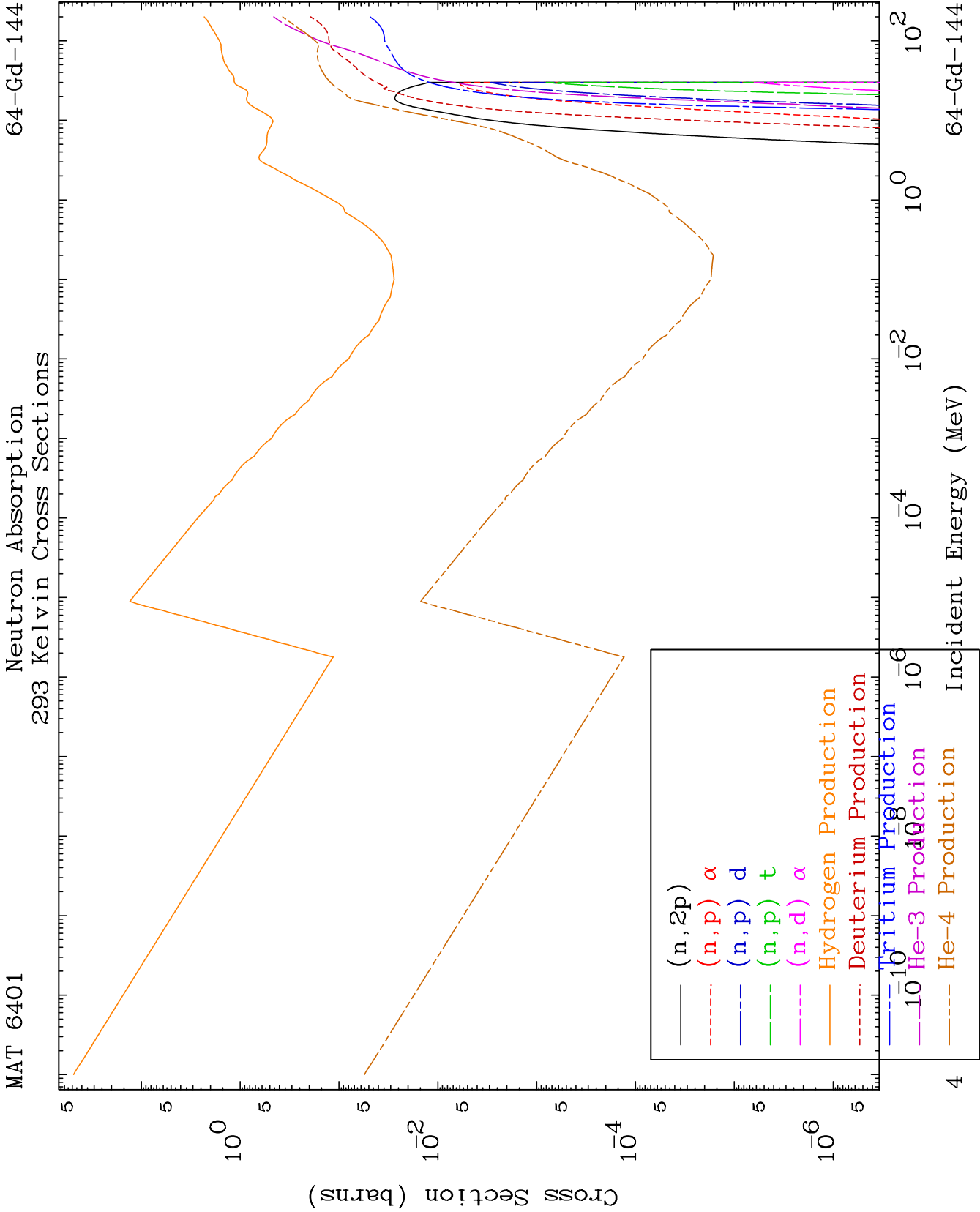
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

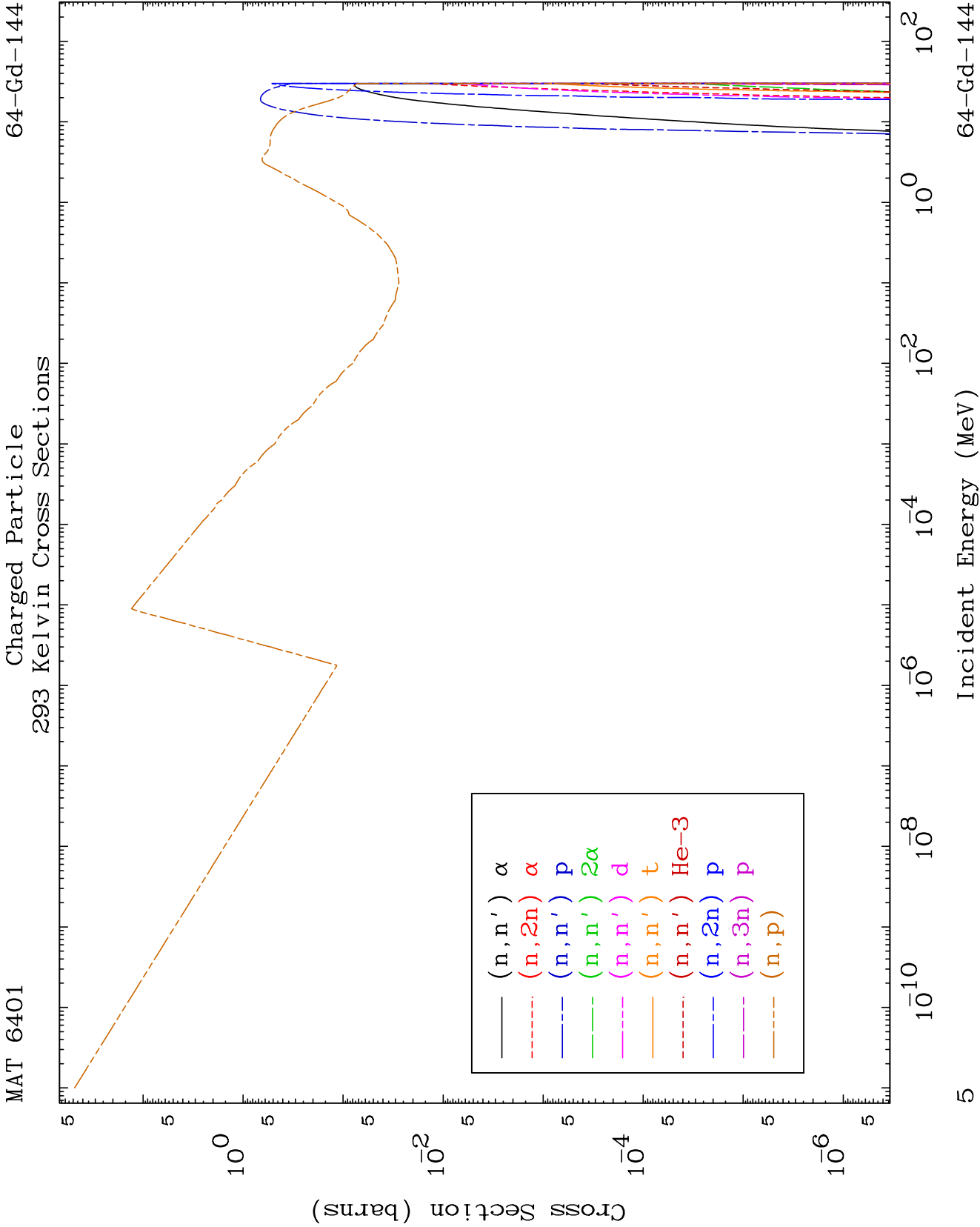
Press Mouse Button to Start

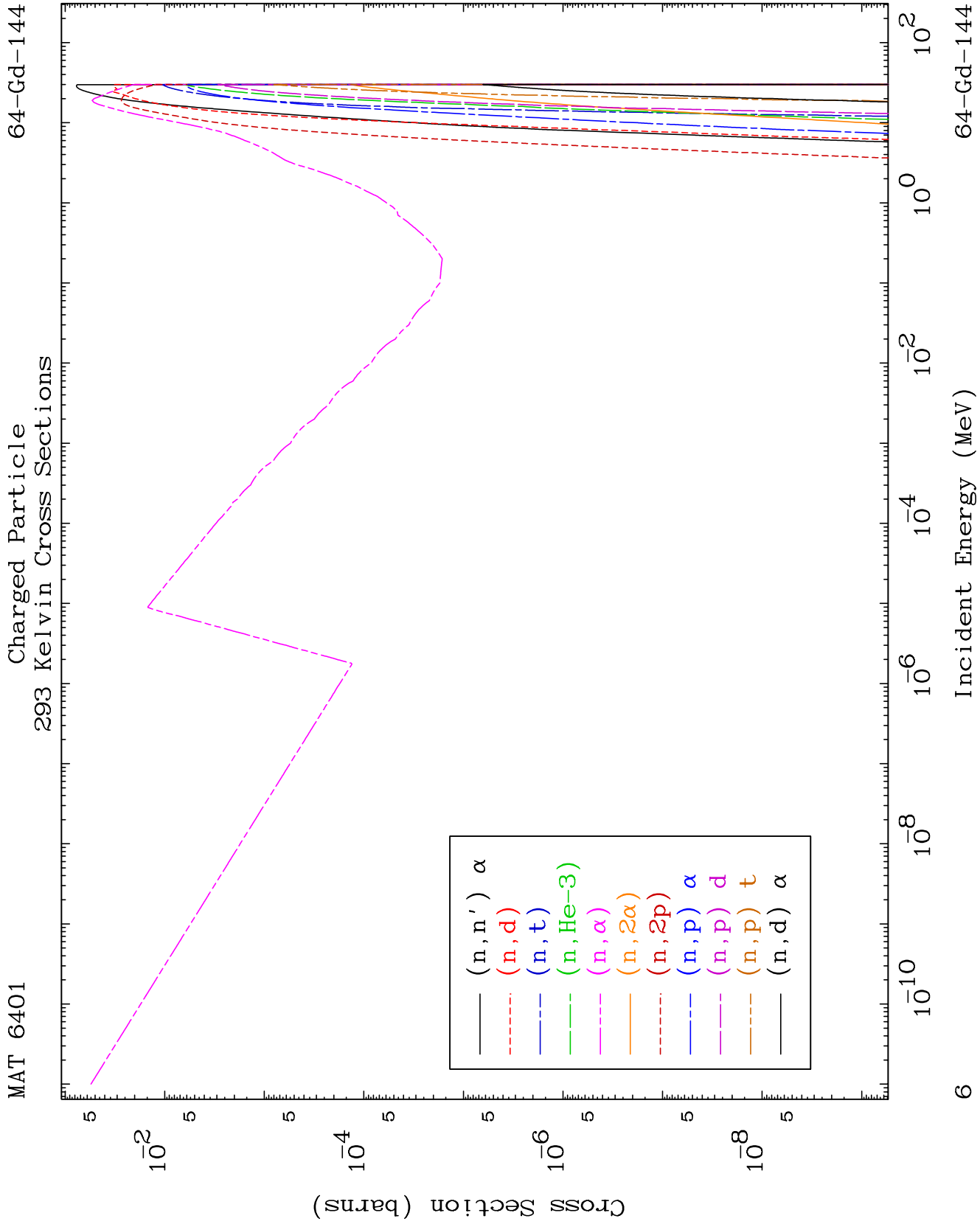


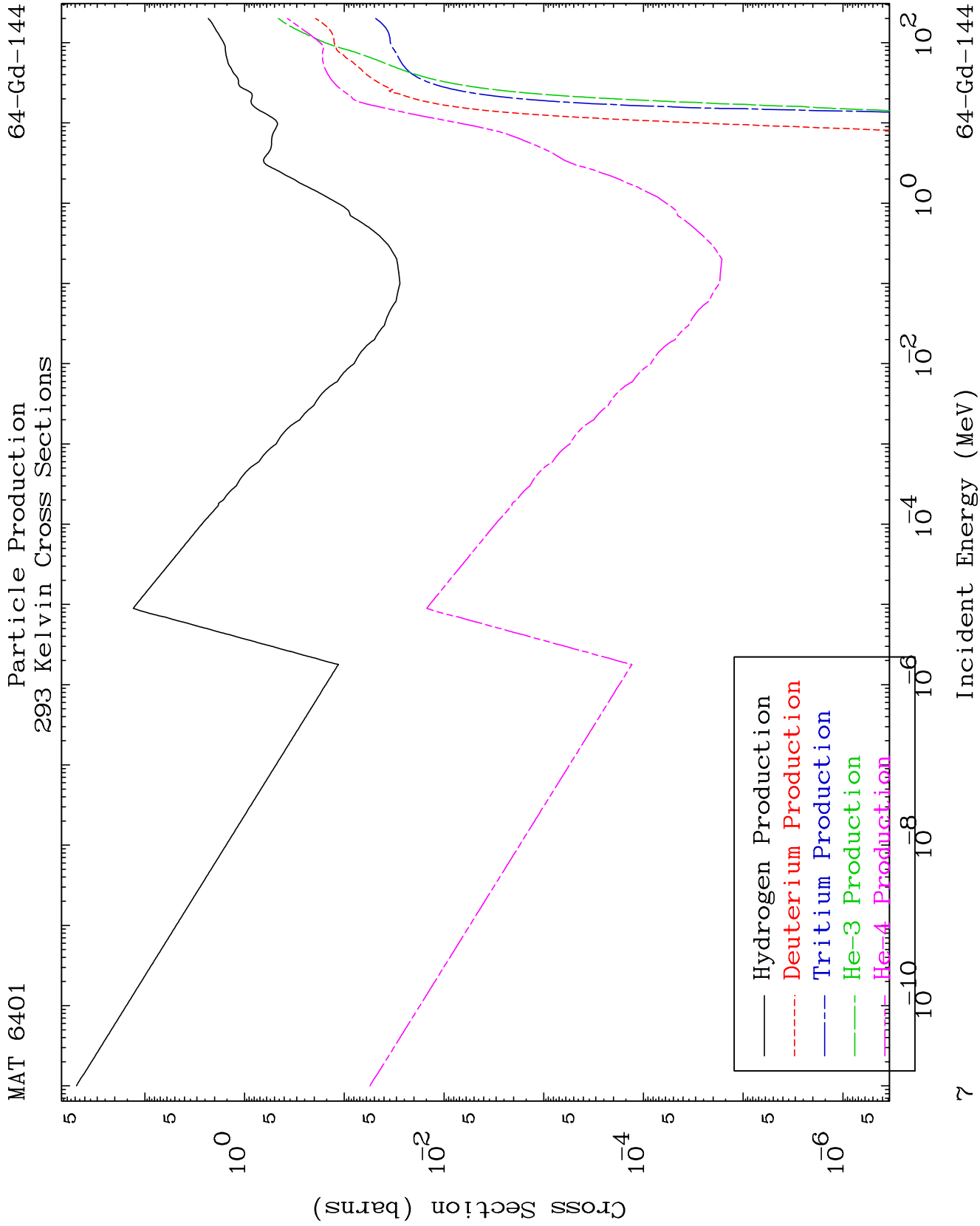


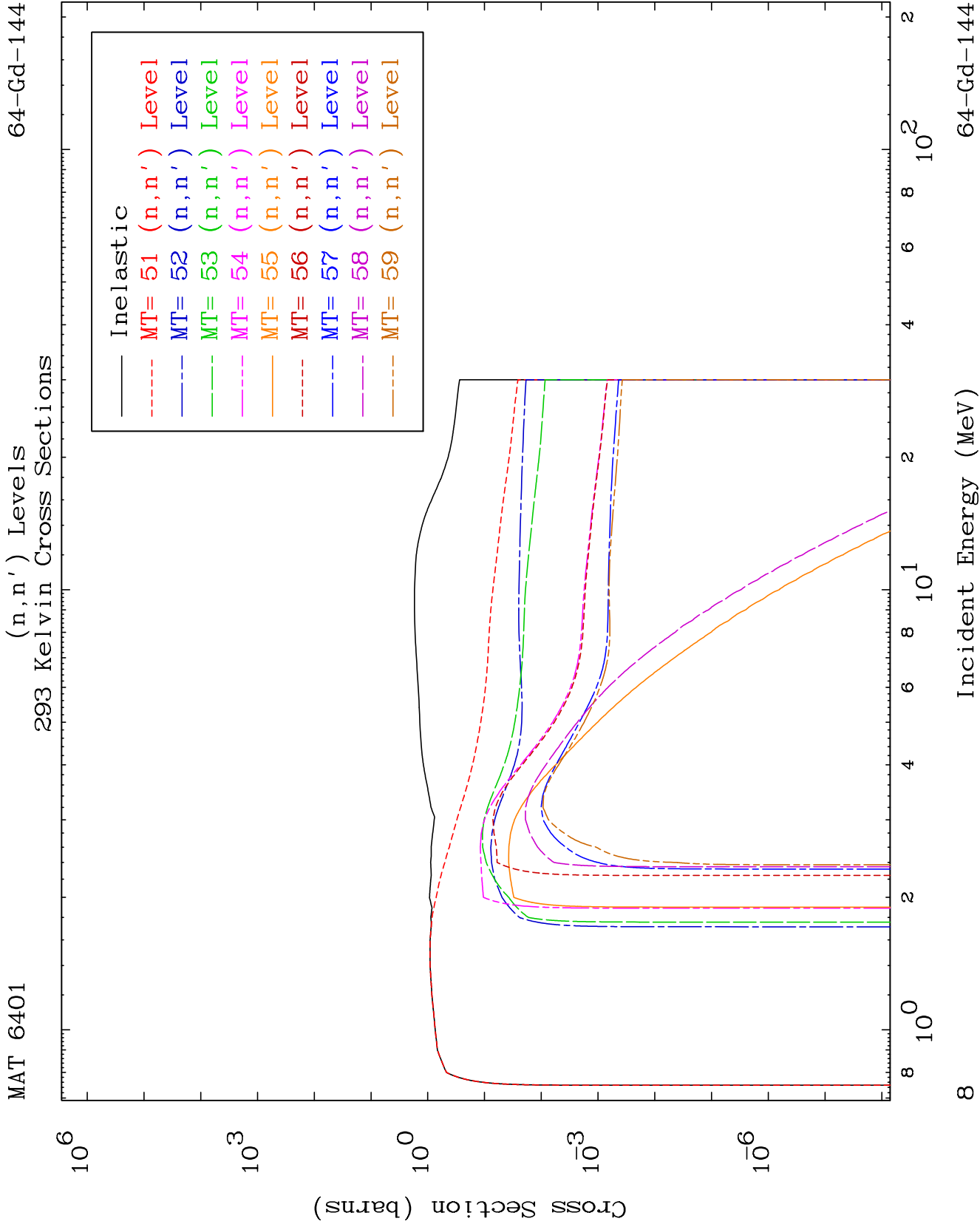


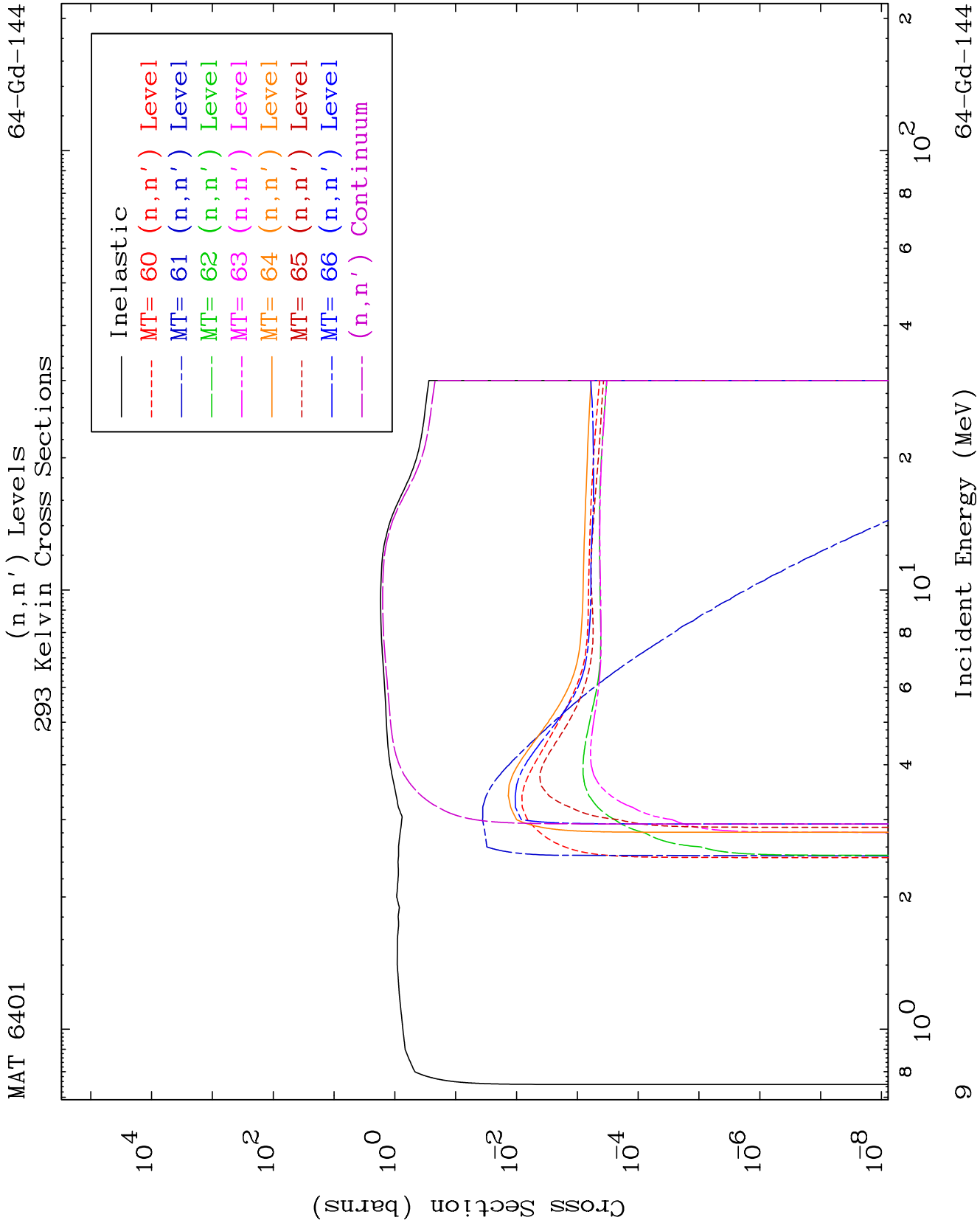


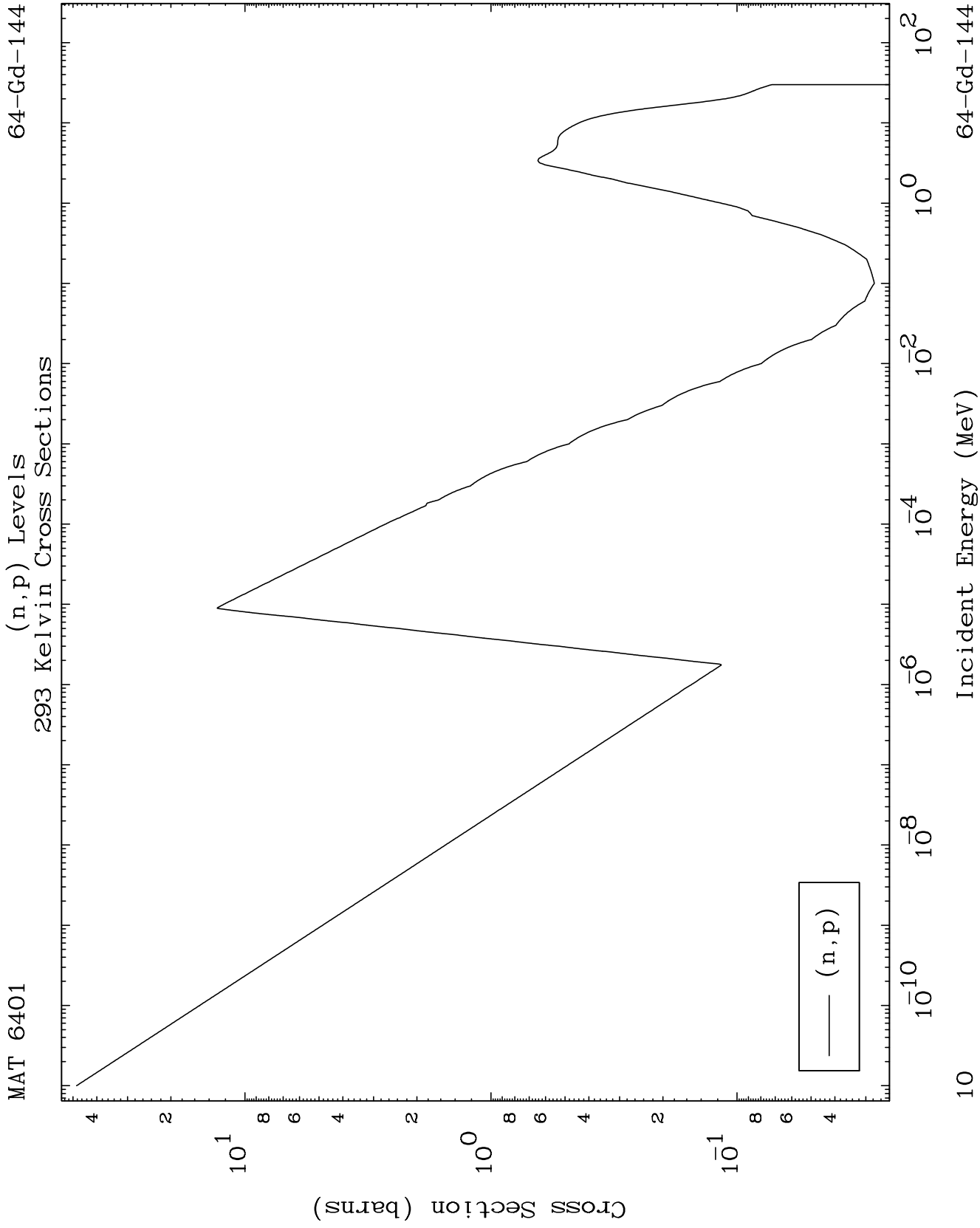








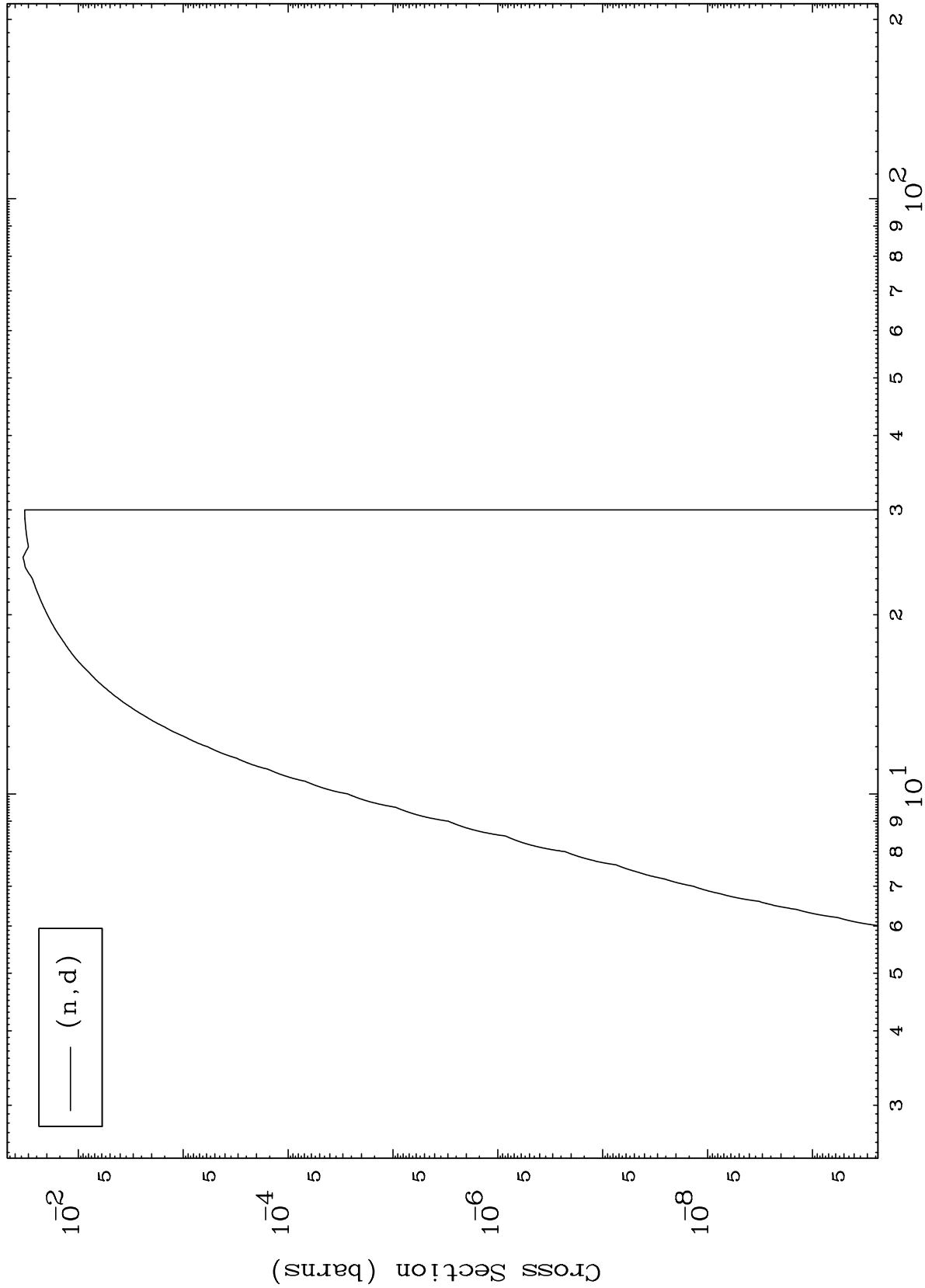




MAT 6401

64-Gd-144

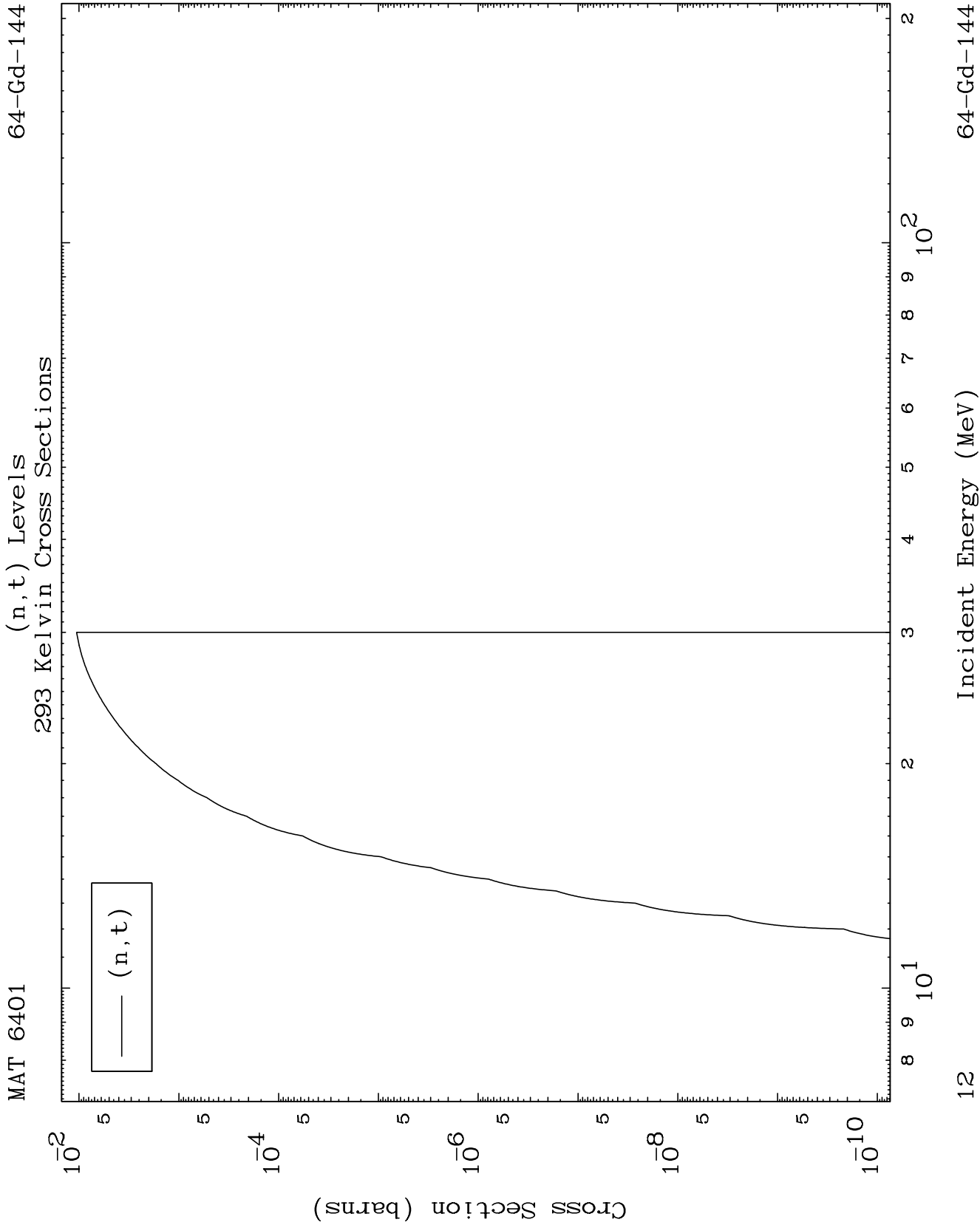
(n,d) Levels
293 Kelvin Cross Sections



11

Incident Energy (MeV)

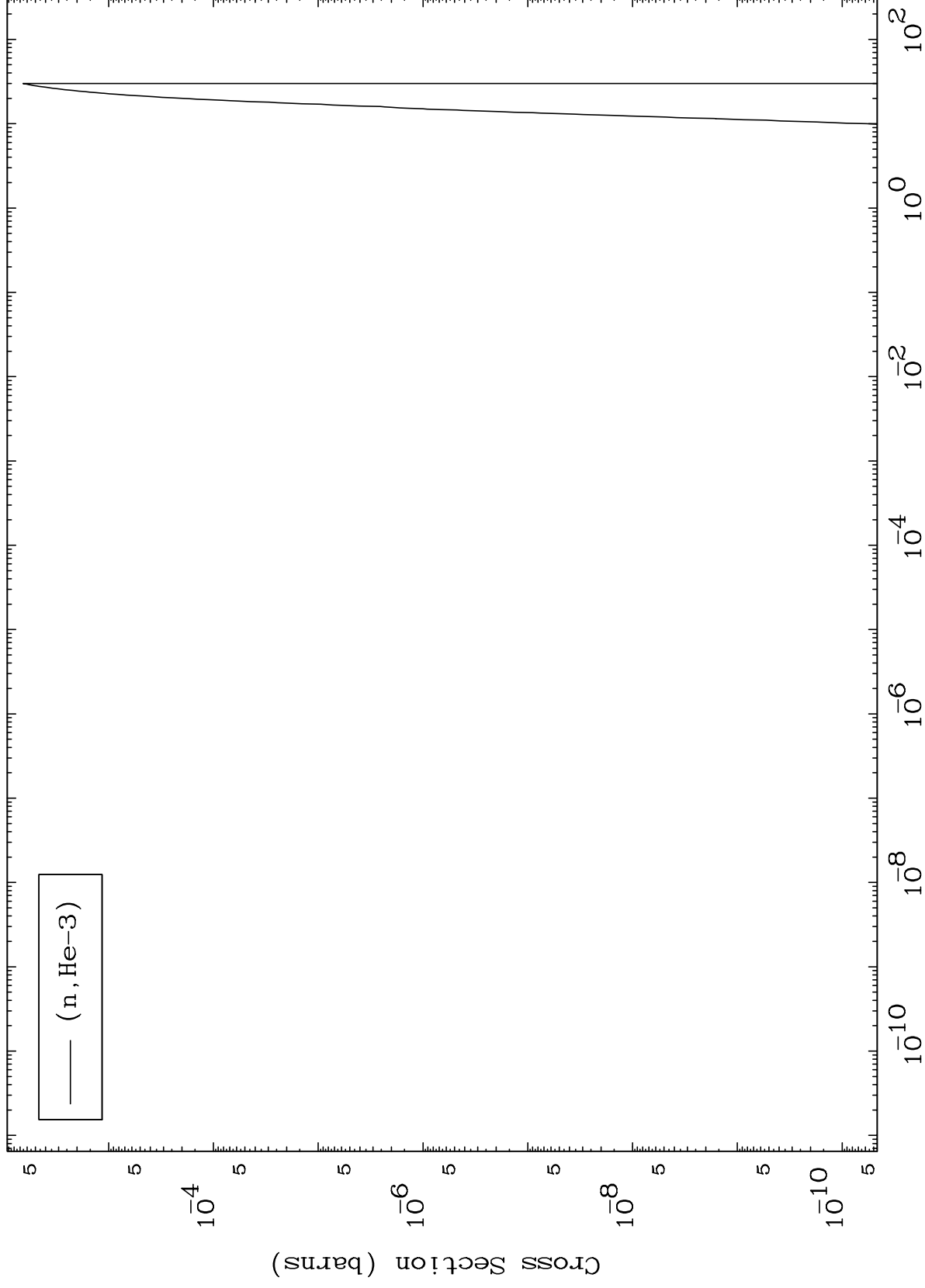
64-Gd-144



MAT 6401

(n,He3) Levels
293 Kelvin Cross Sections

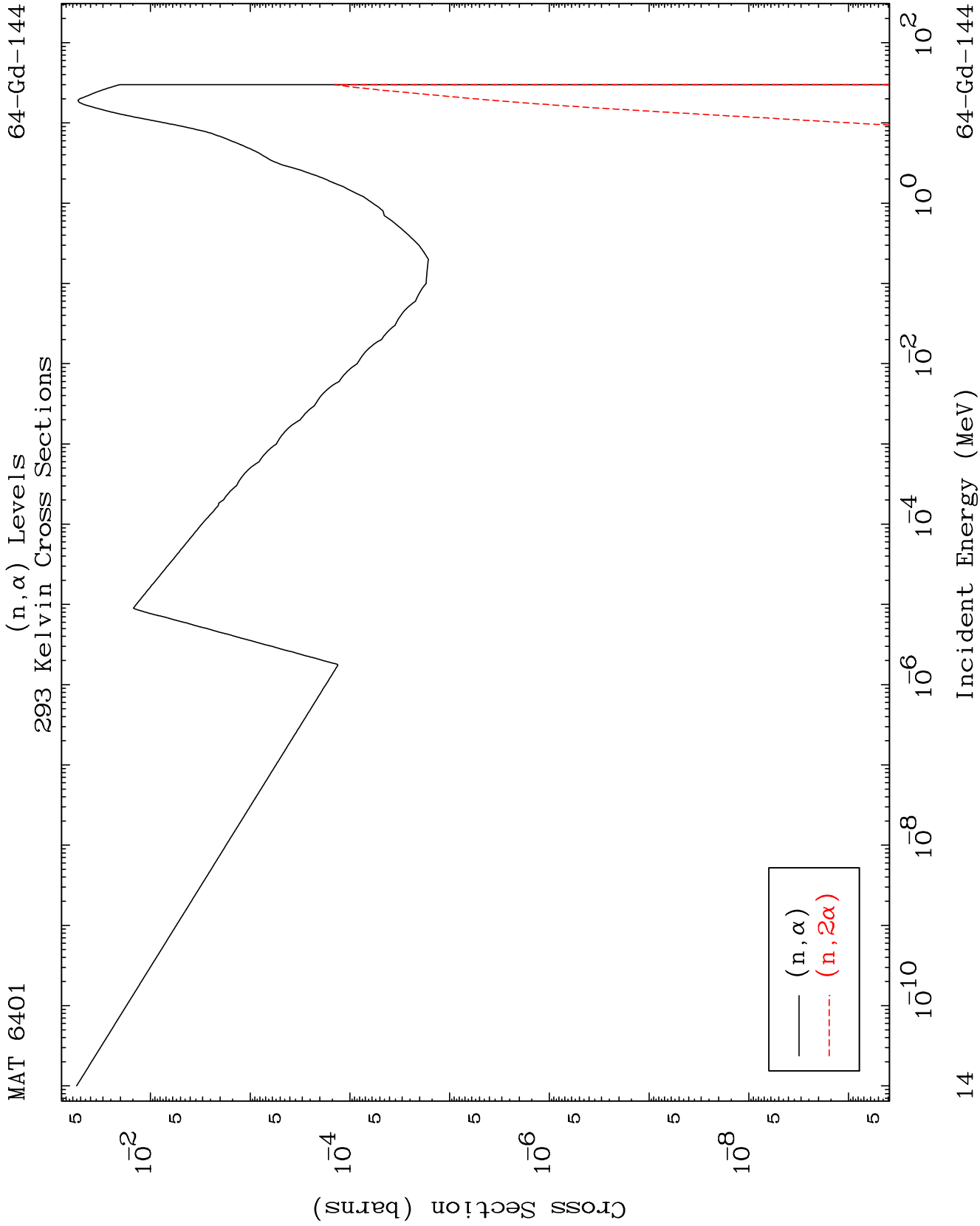
64-Gd-144

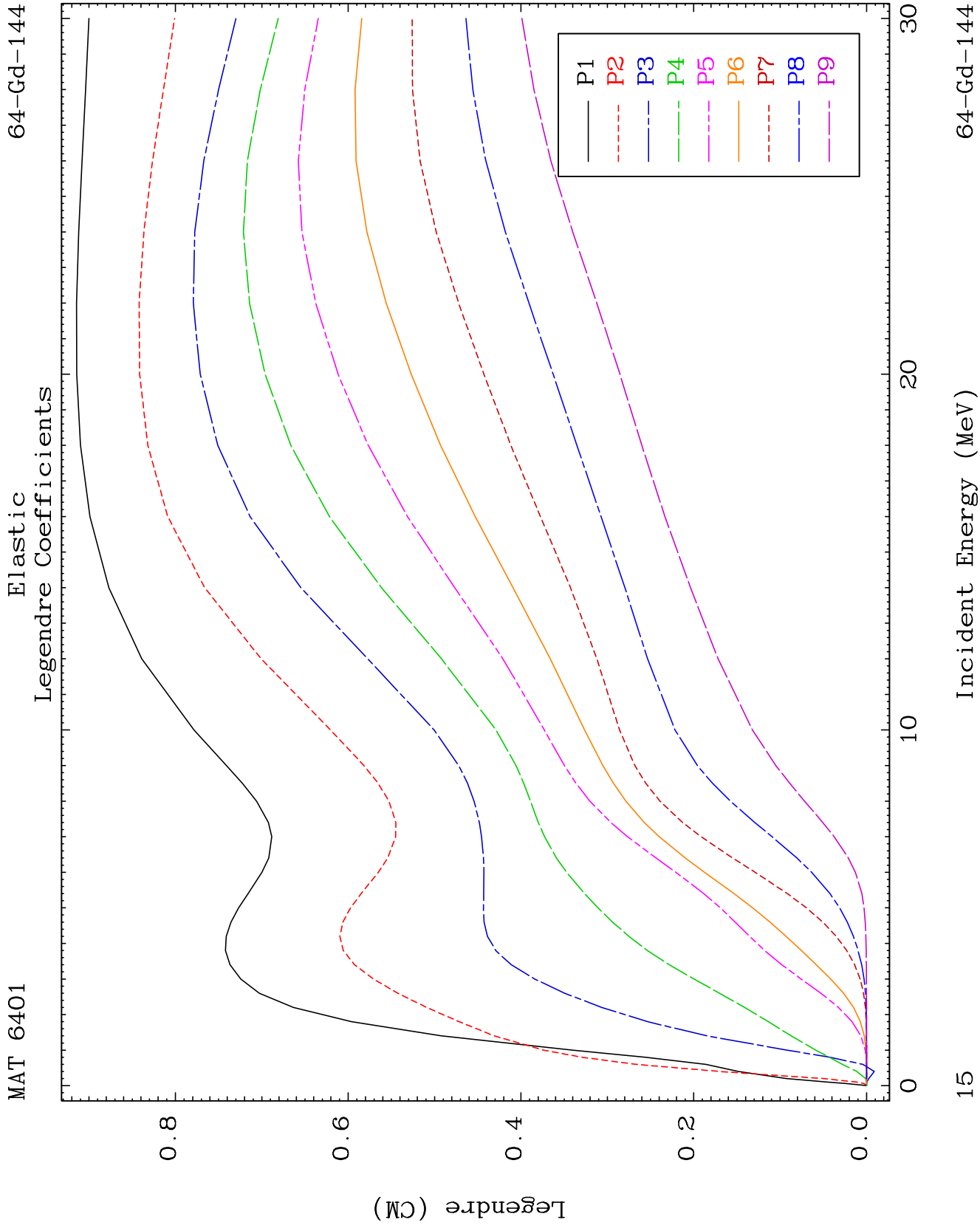


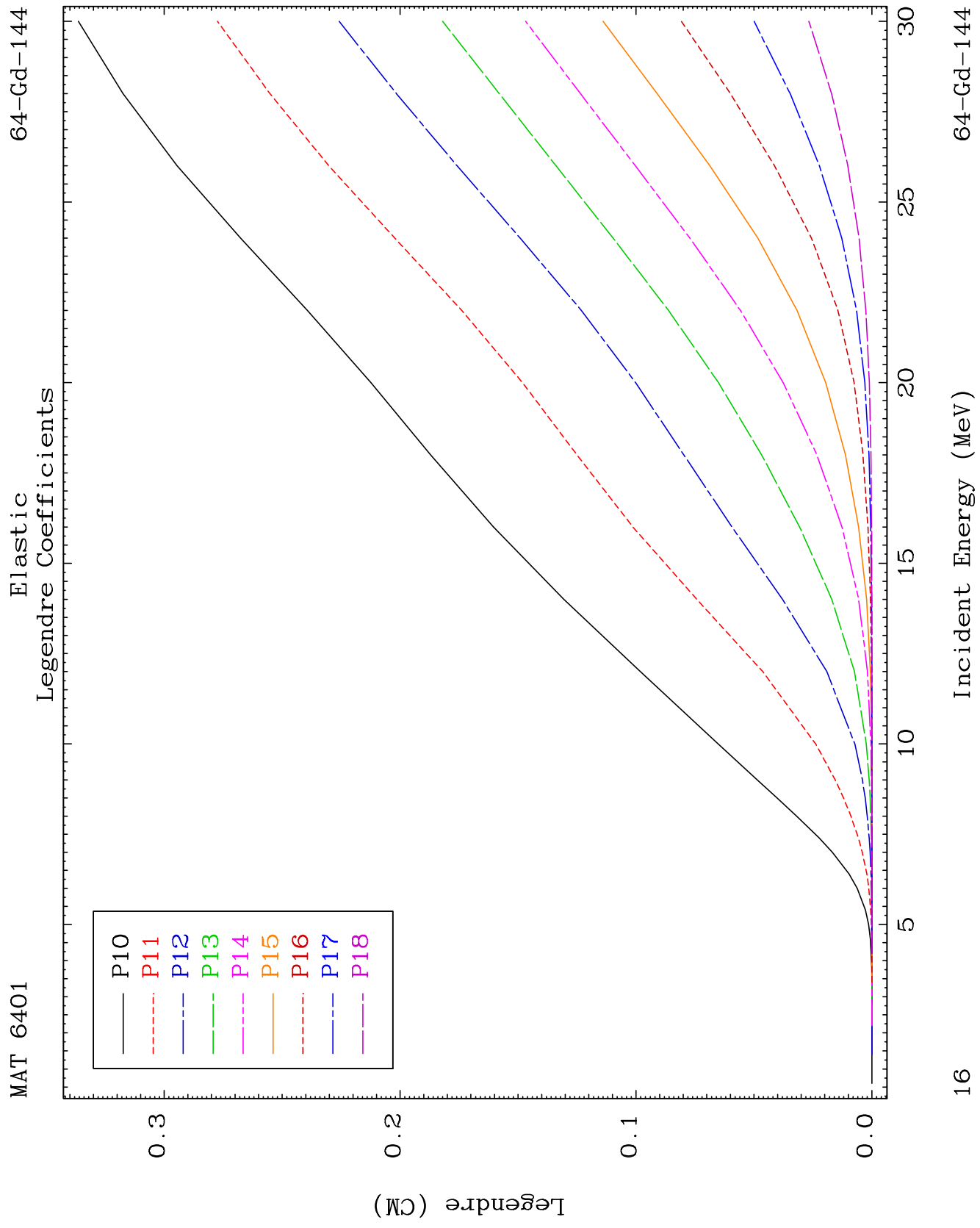
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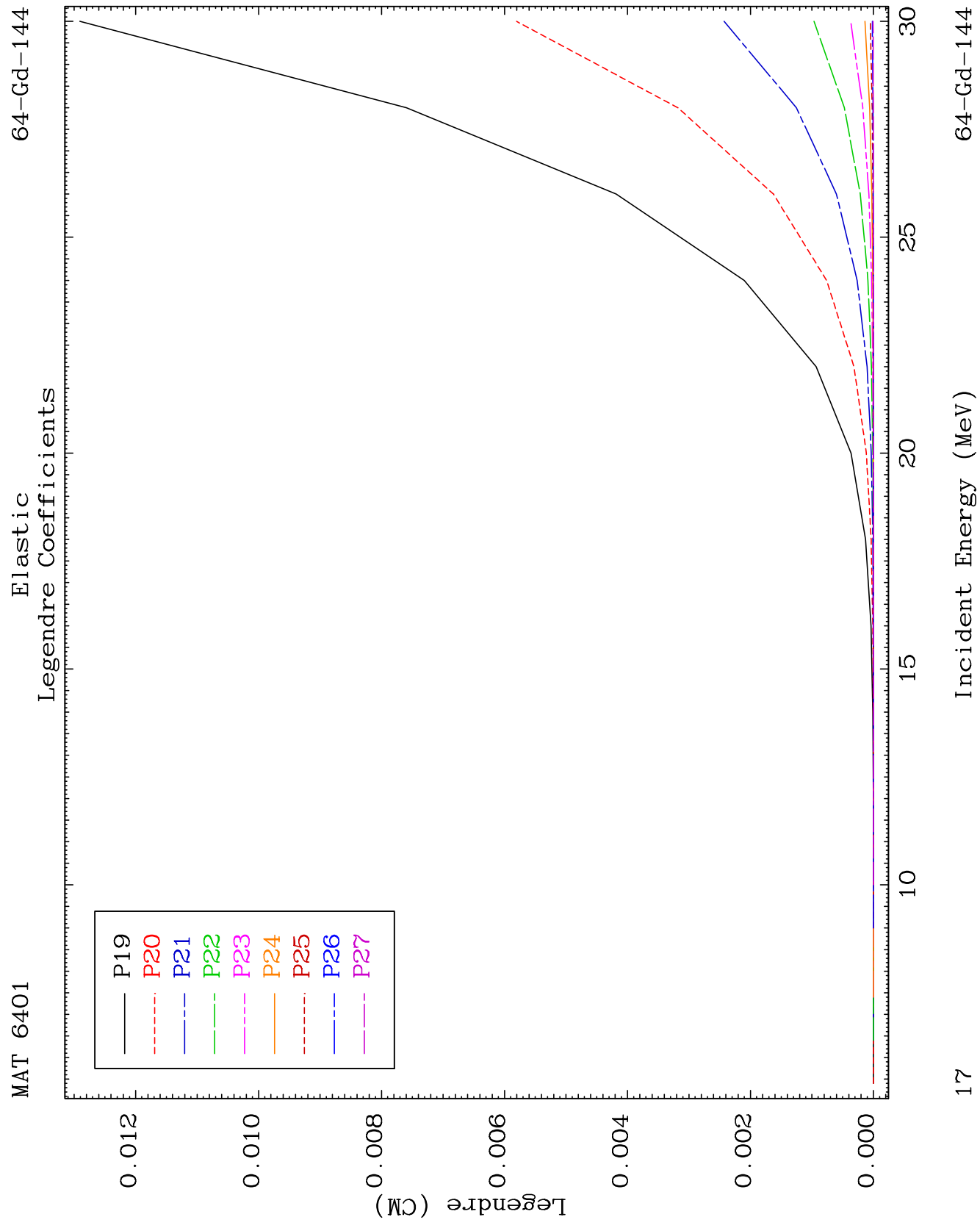
Incident Energy (MeV)

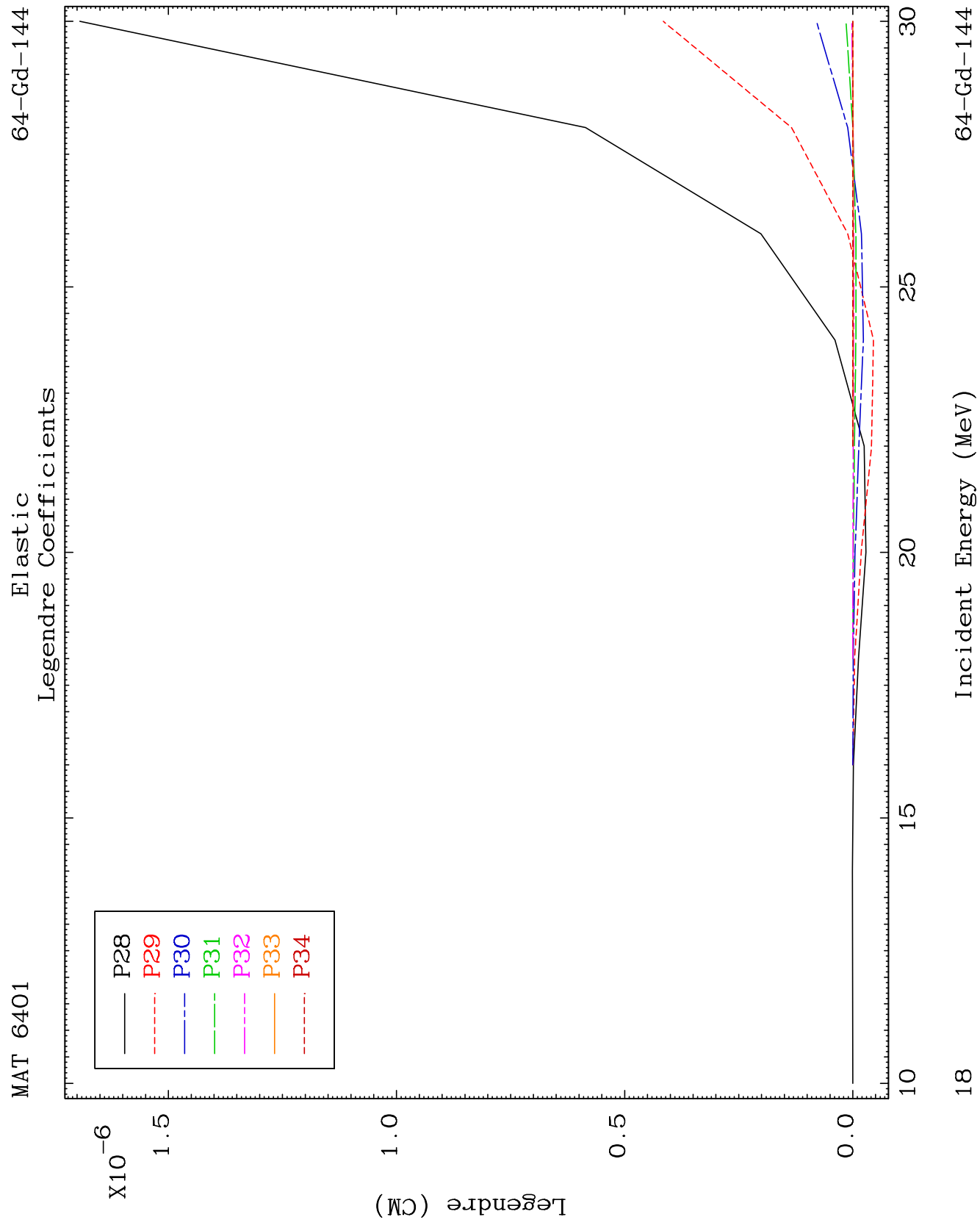
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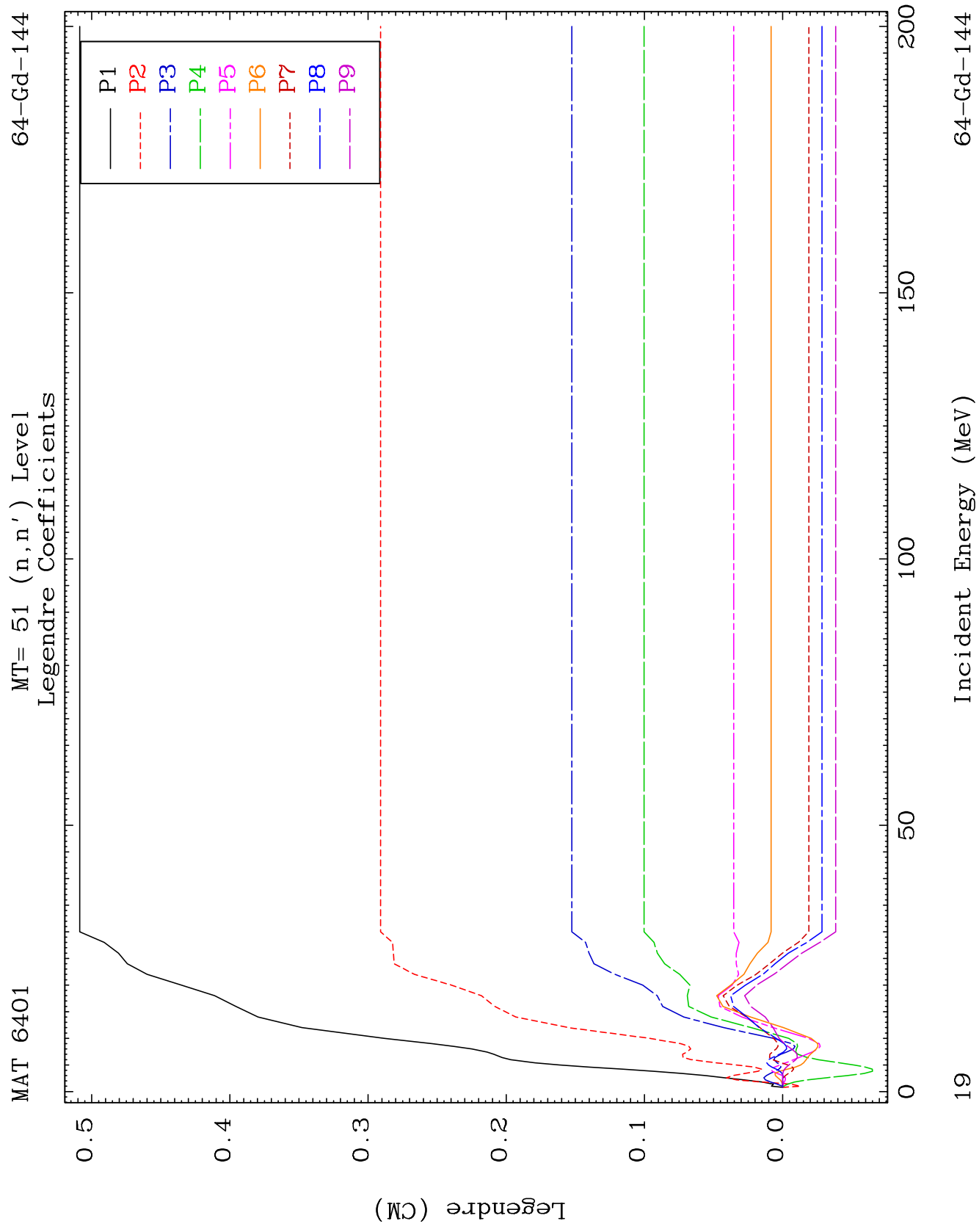








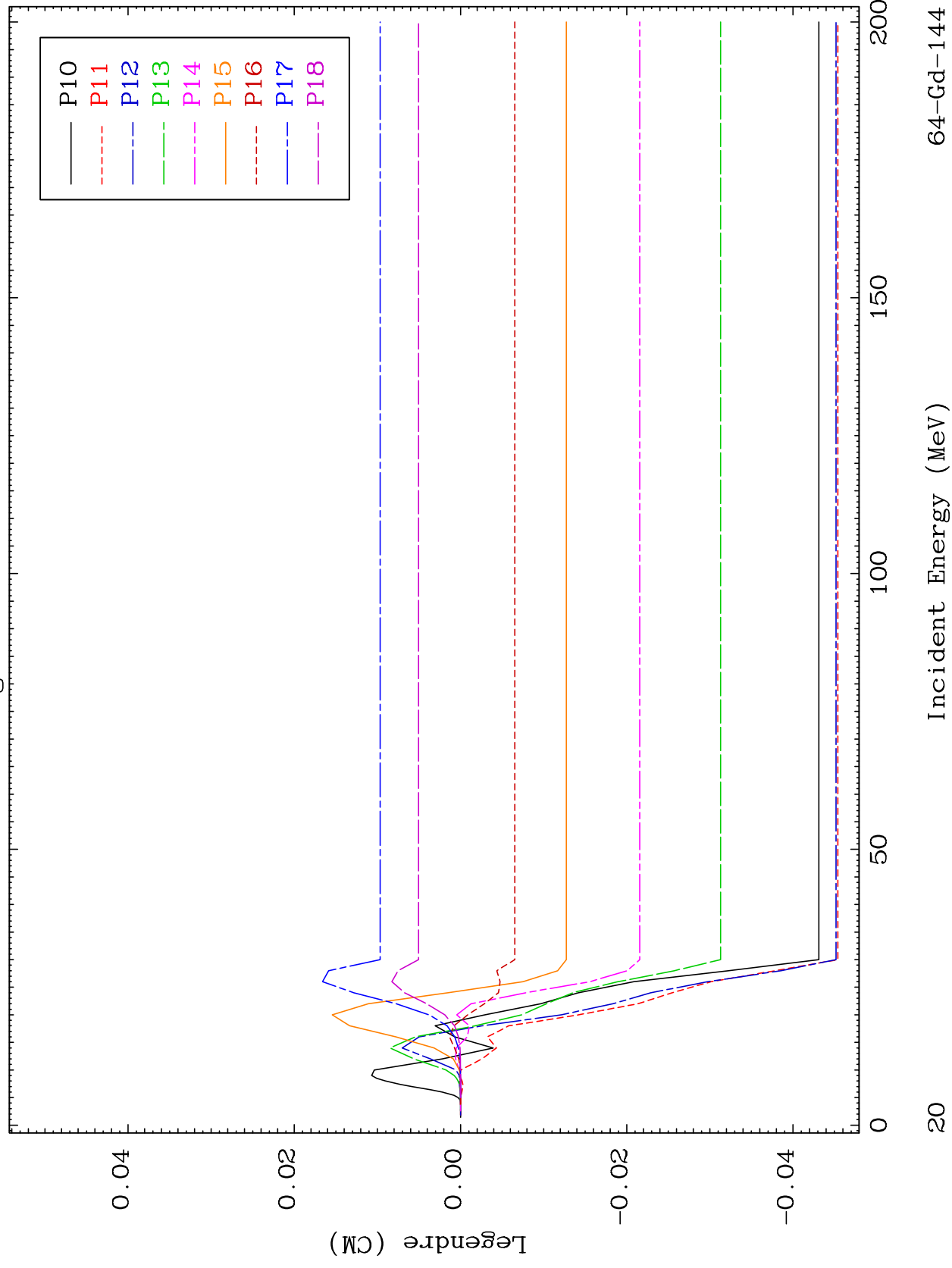


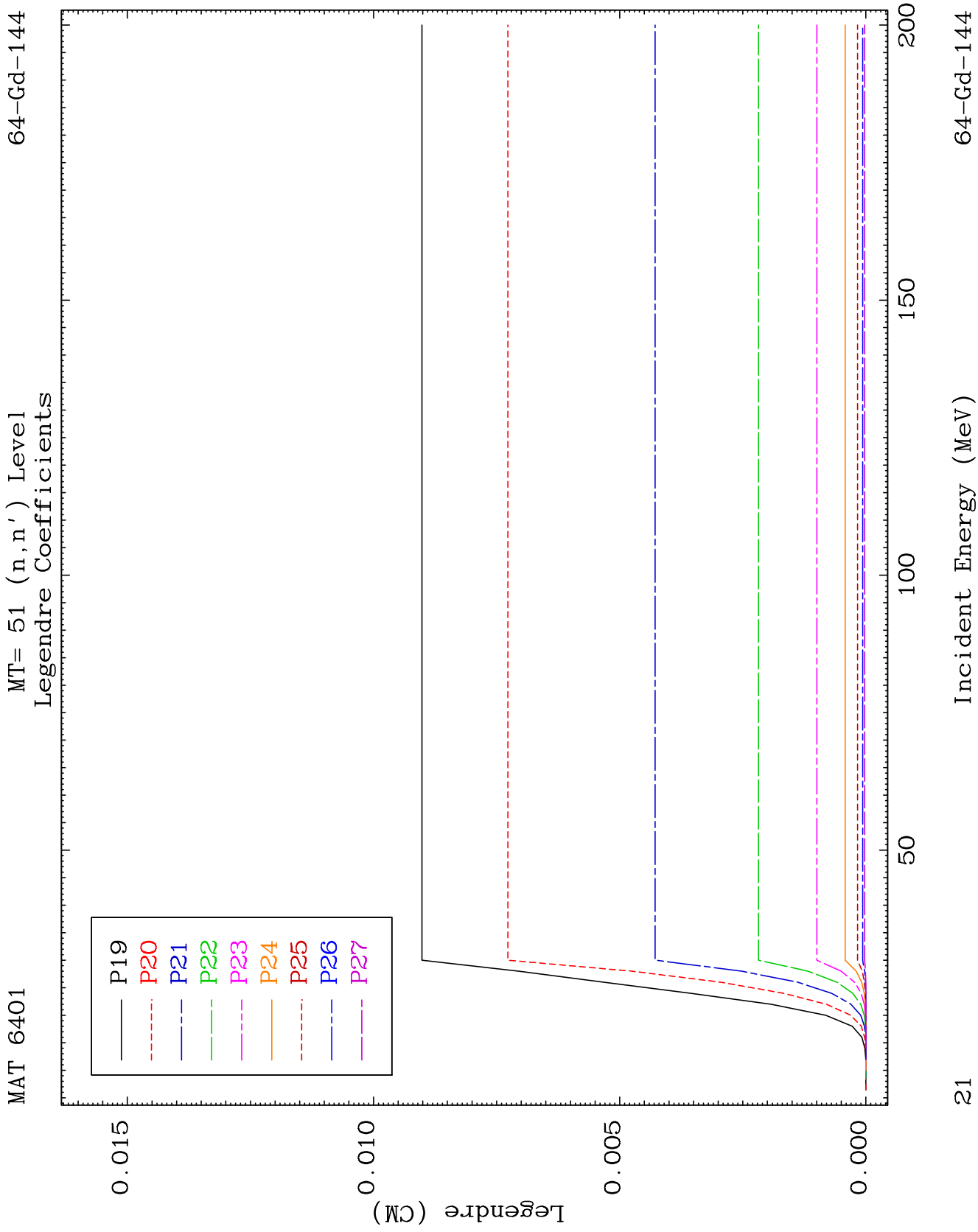


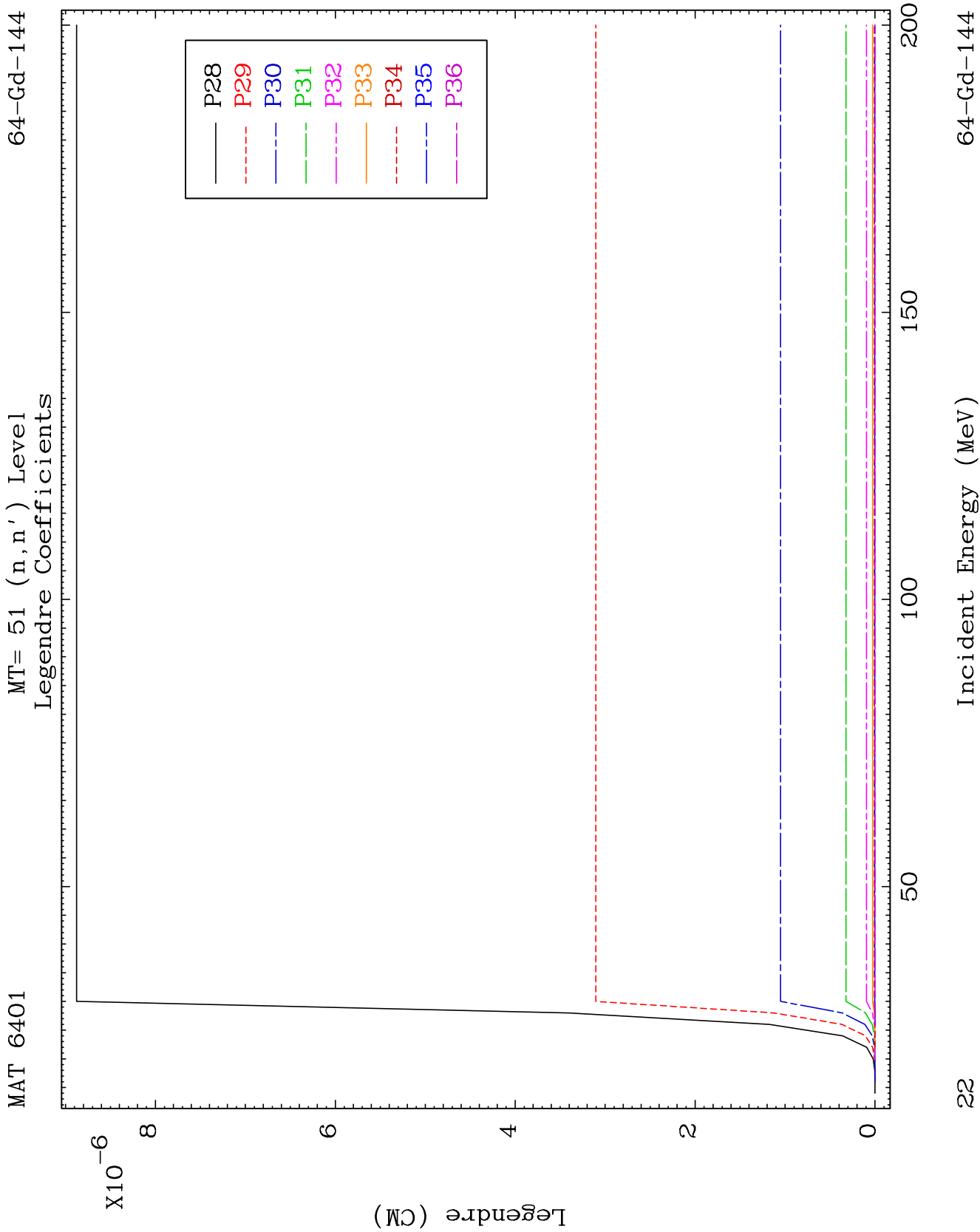
MAT 6401

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

64-Gd-144



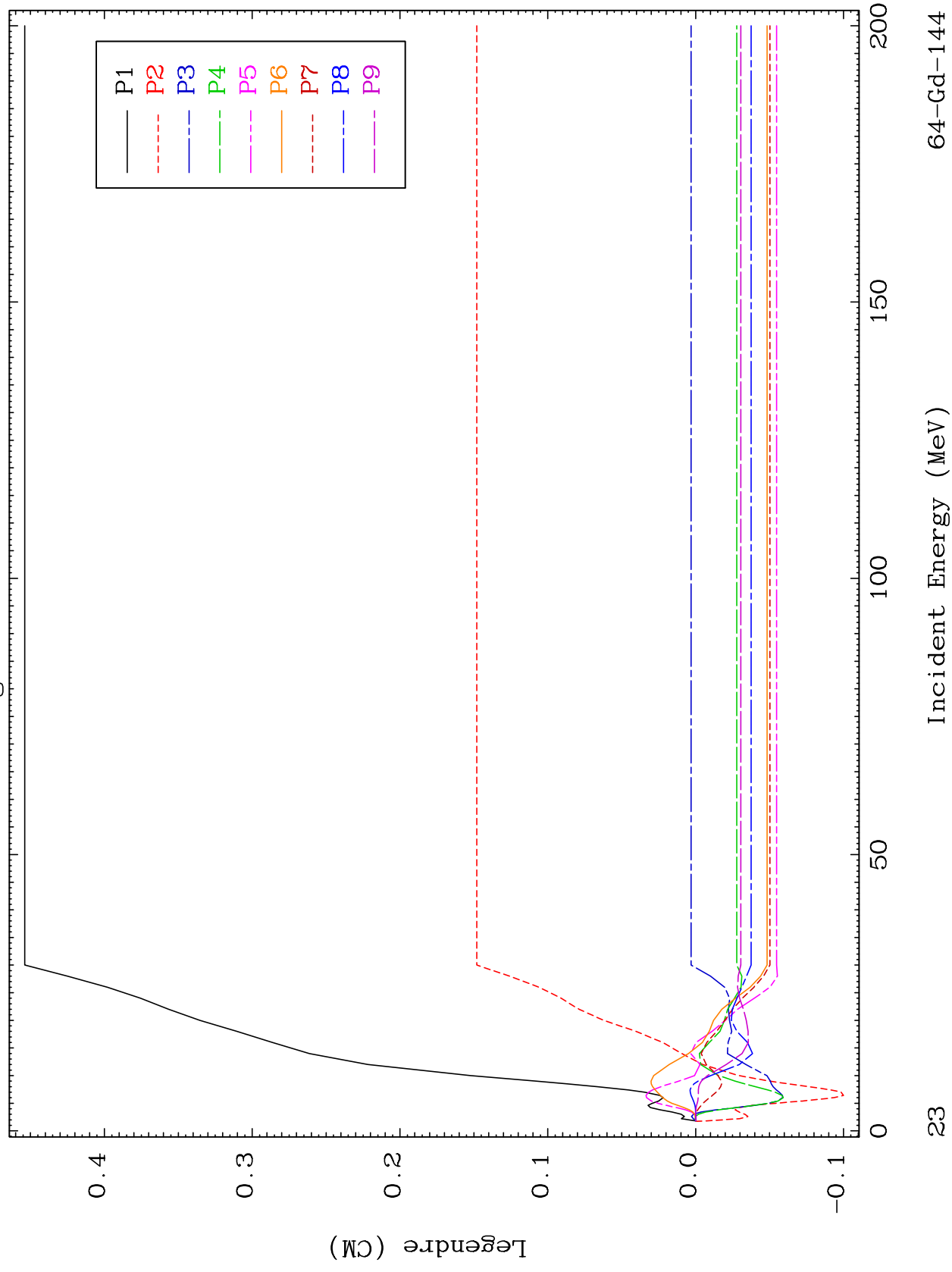


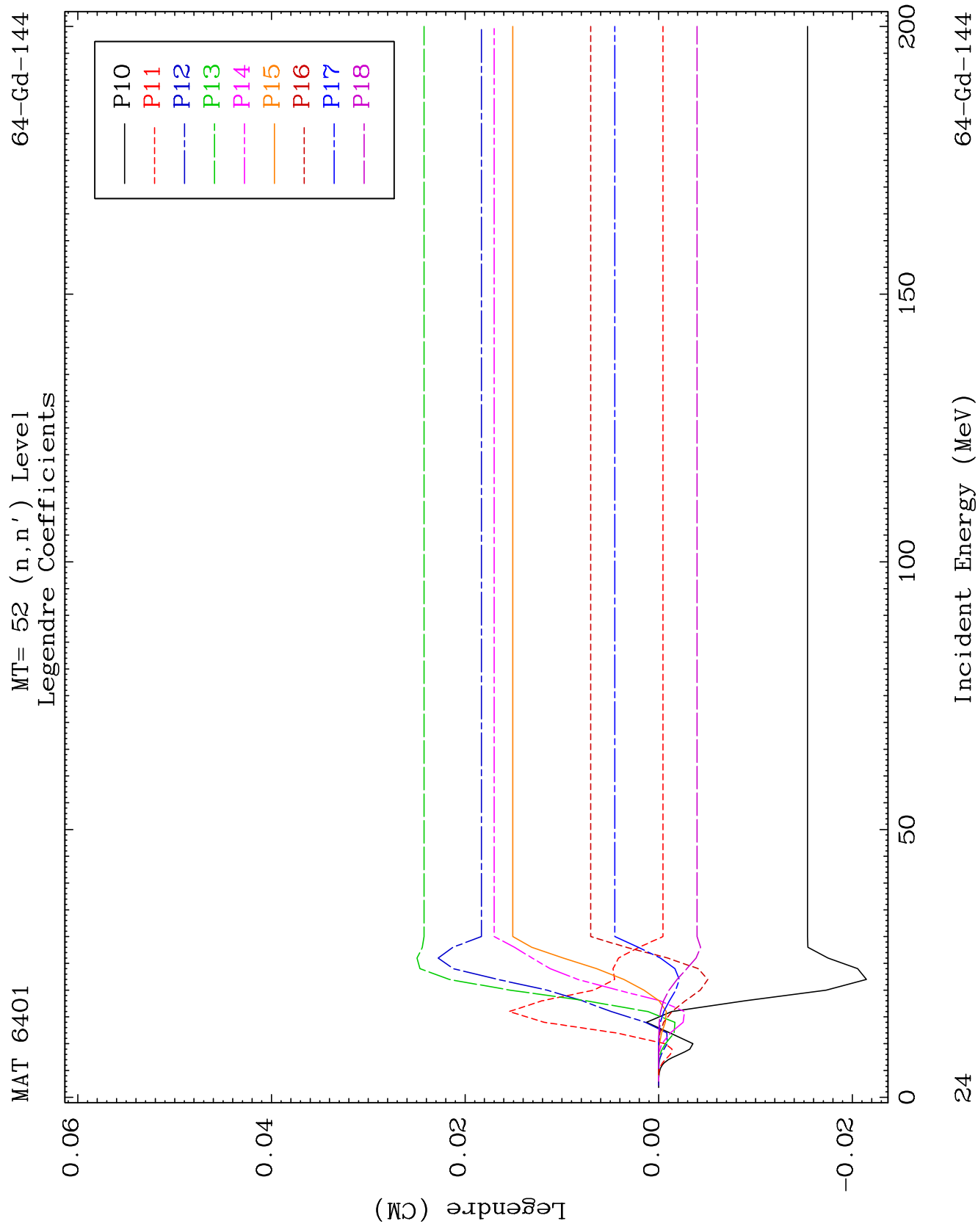


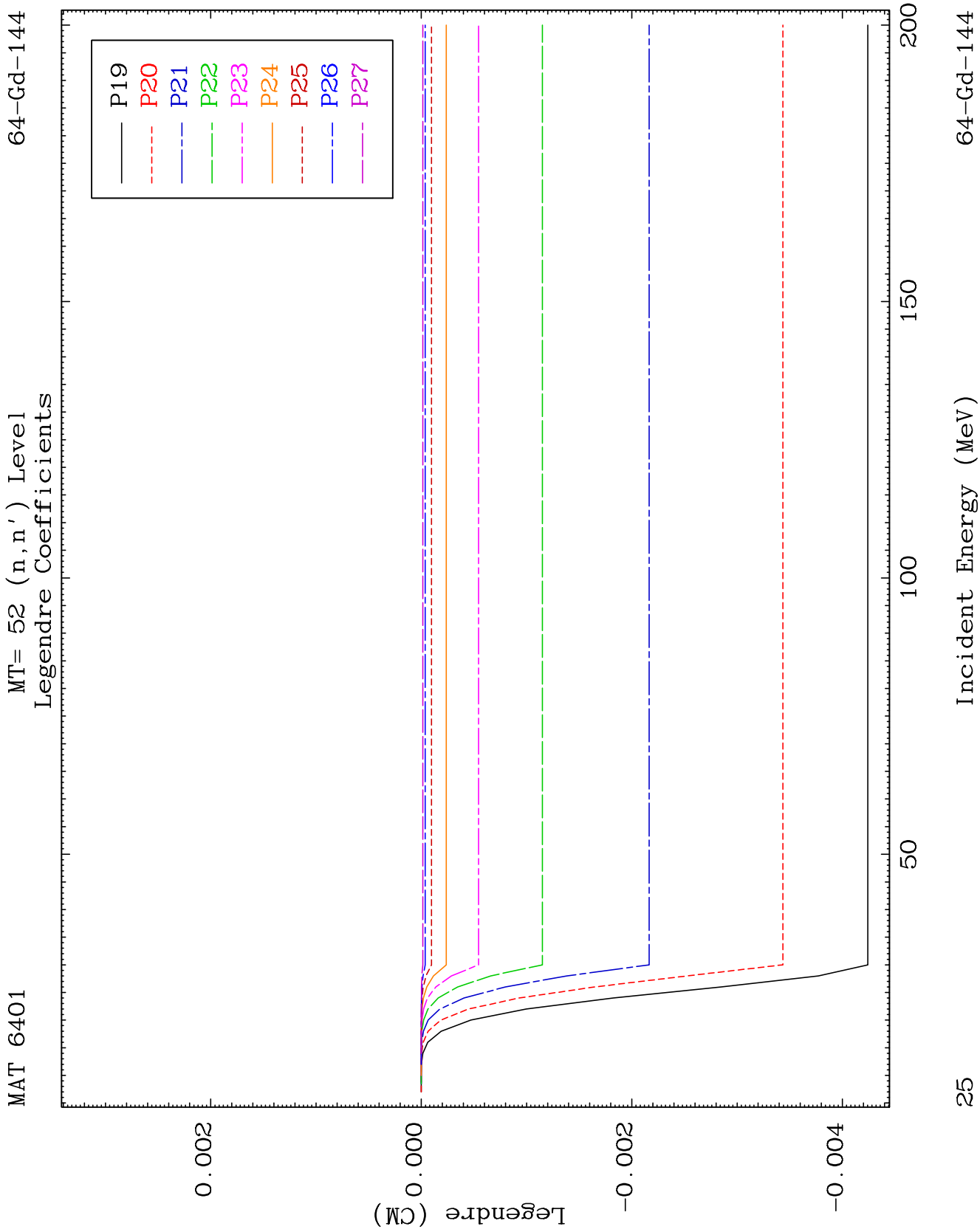
MAT 6401

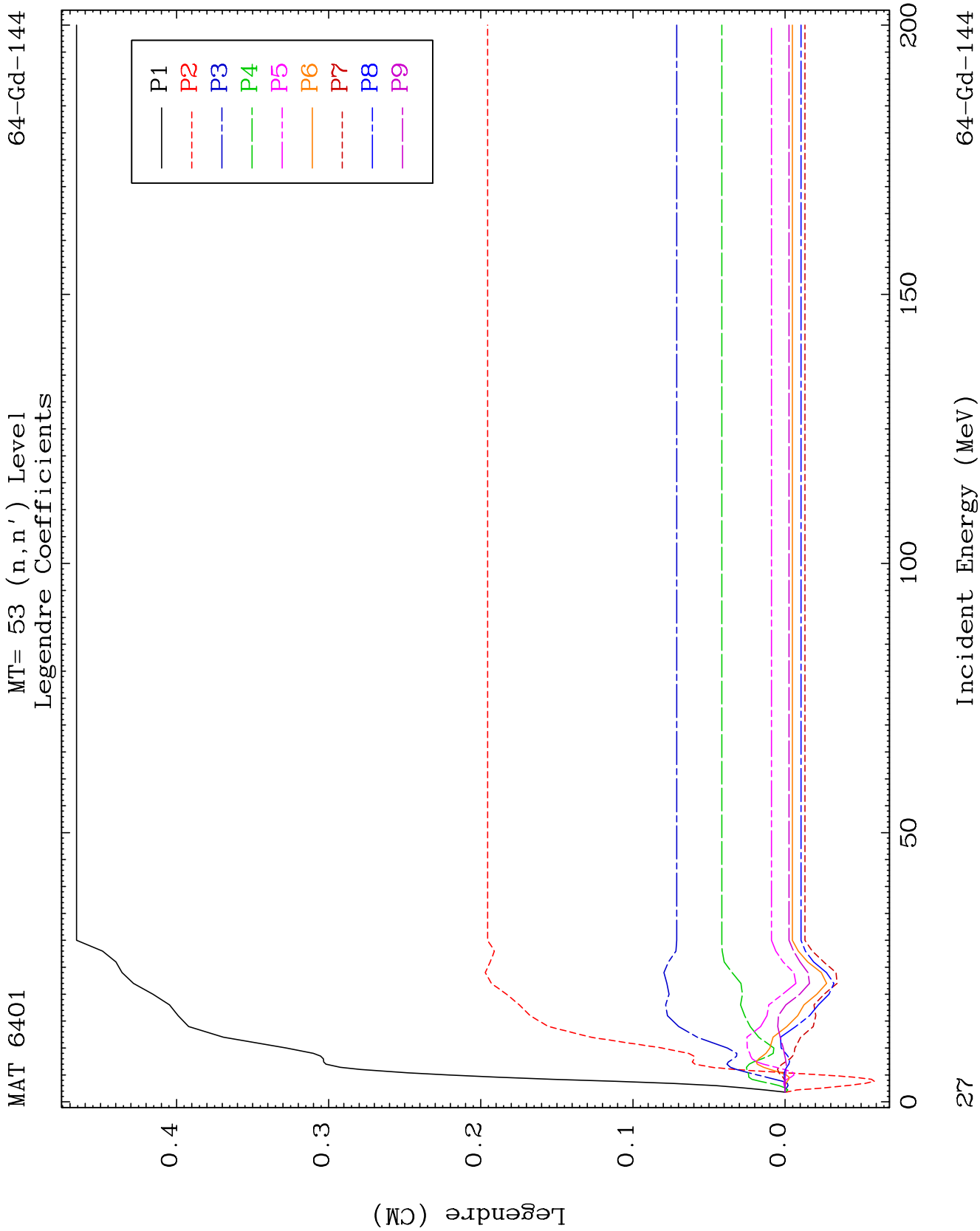
MT= 52 (n, n') Level
Legendre Coefficients

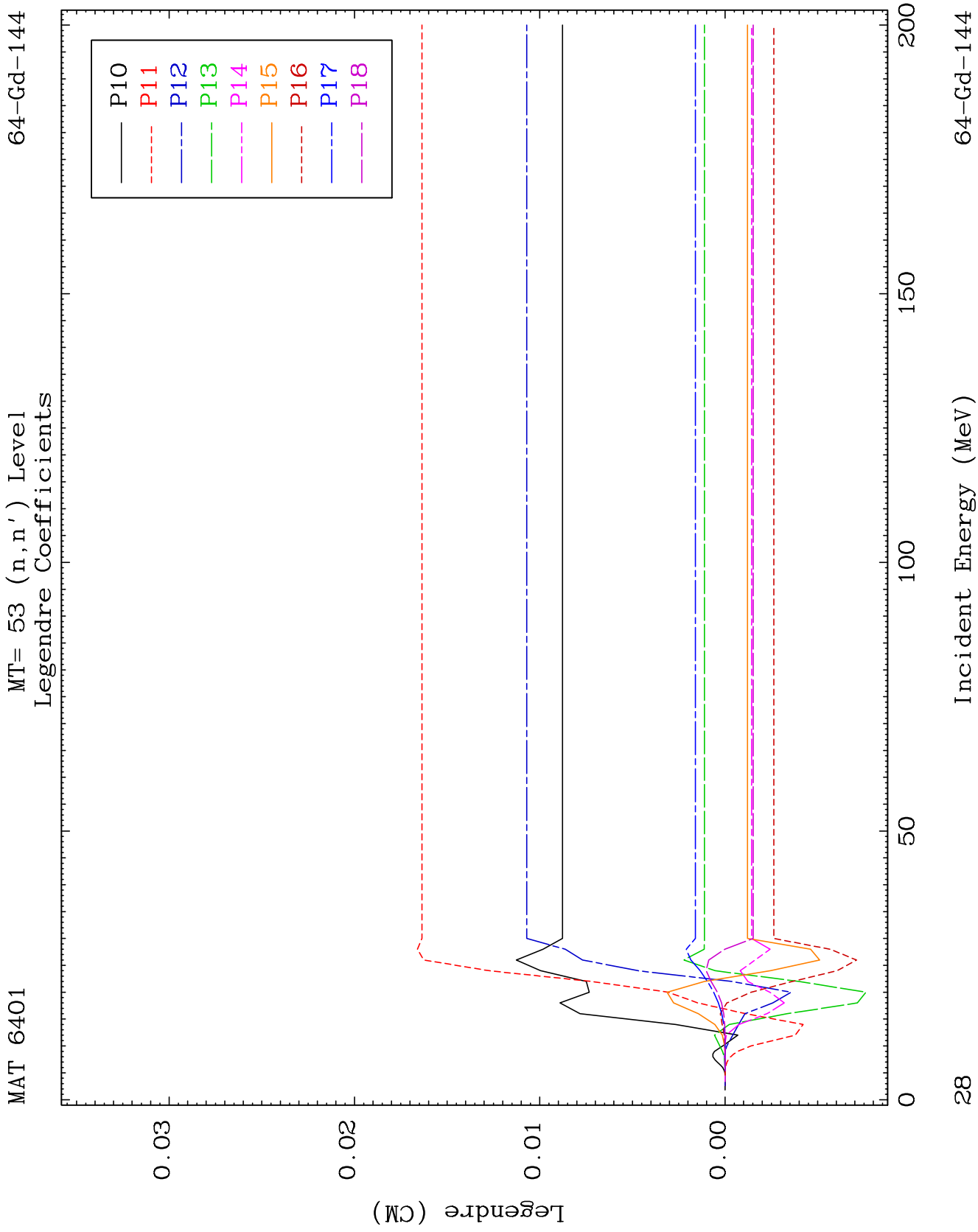
64-Gd-144

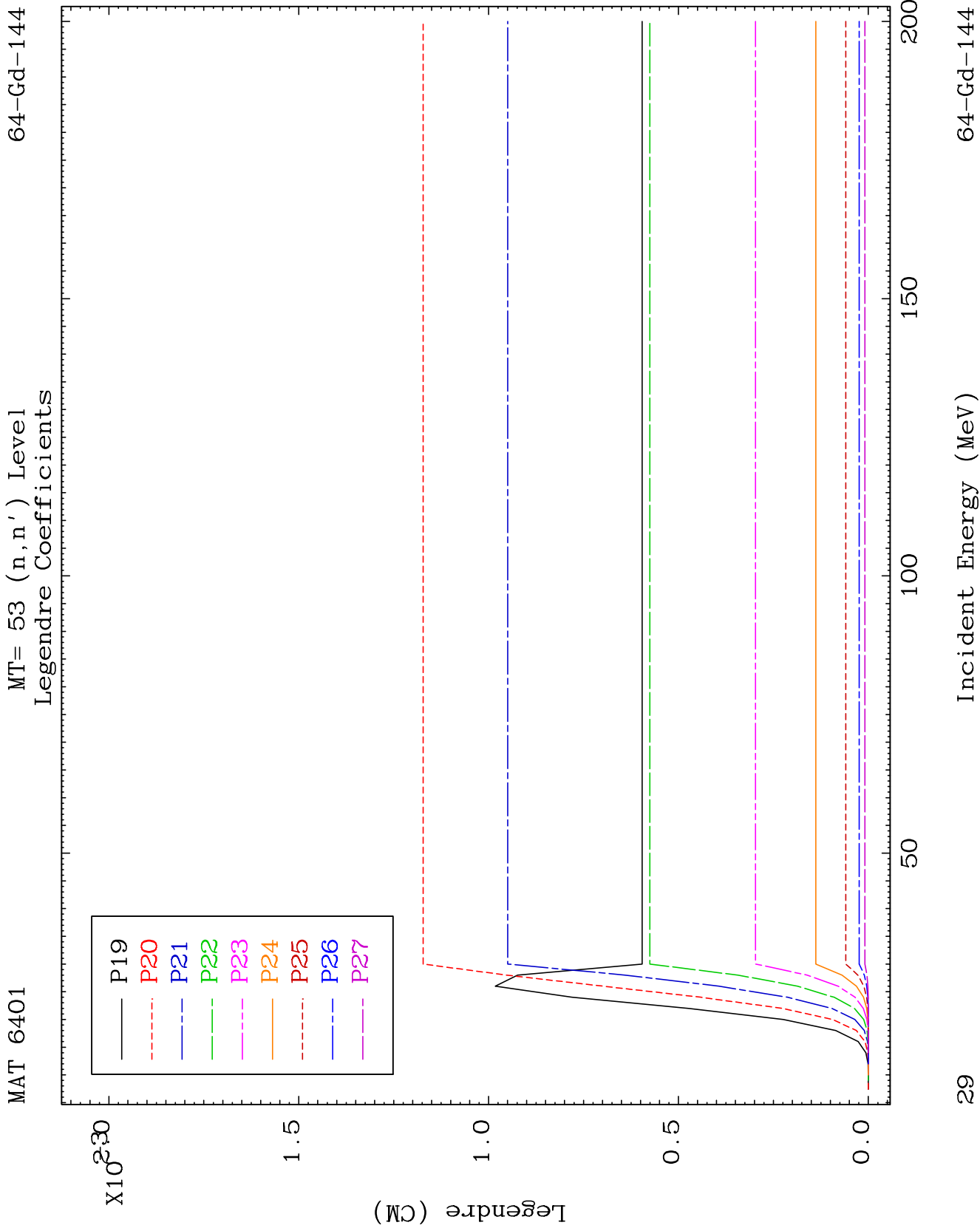


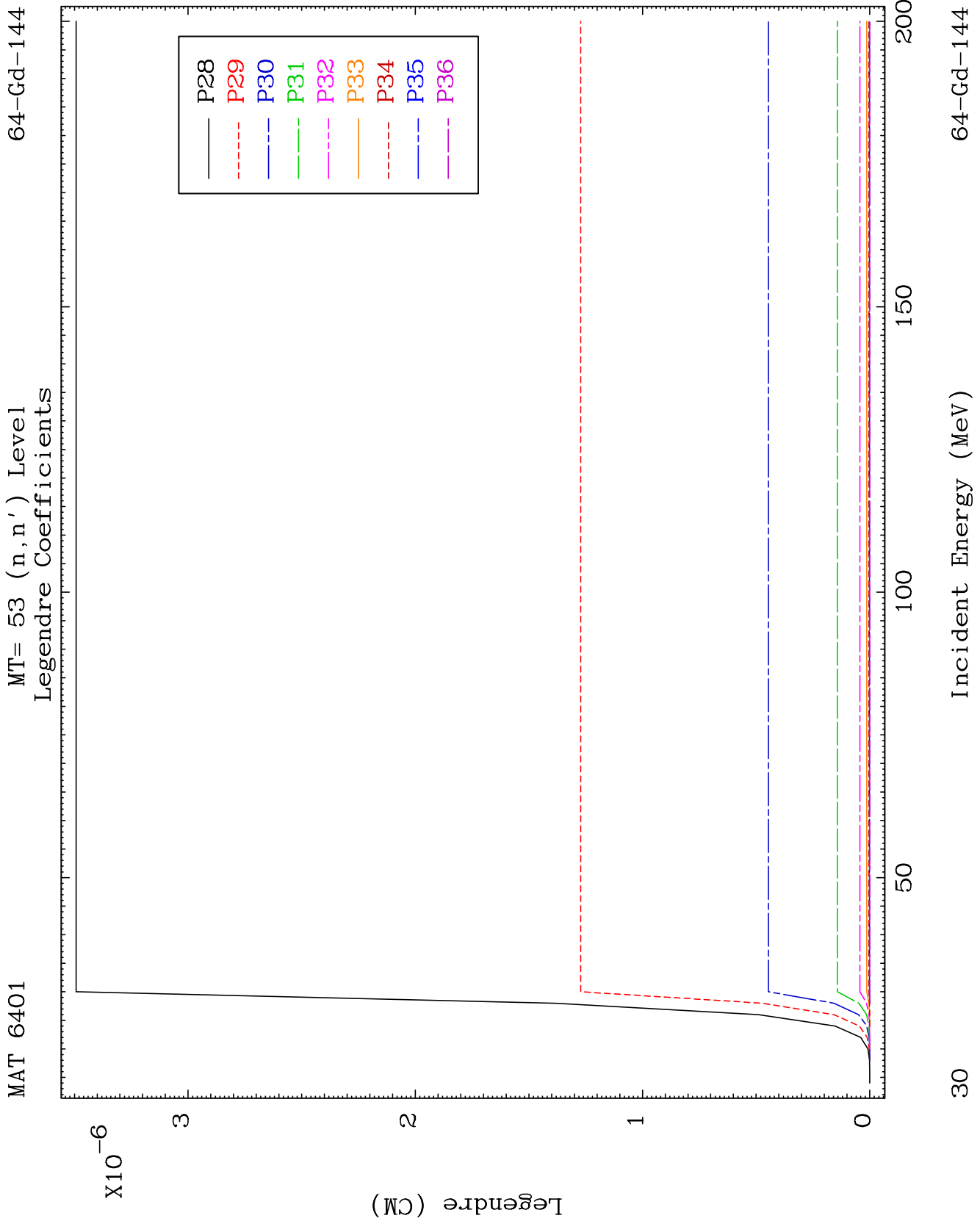


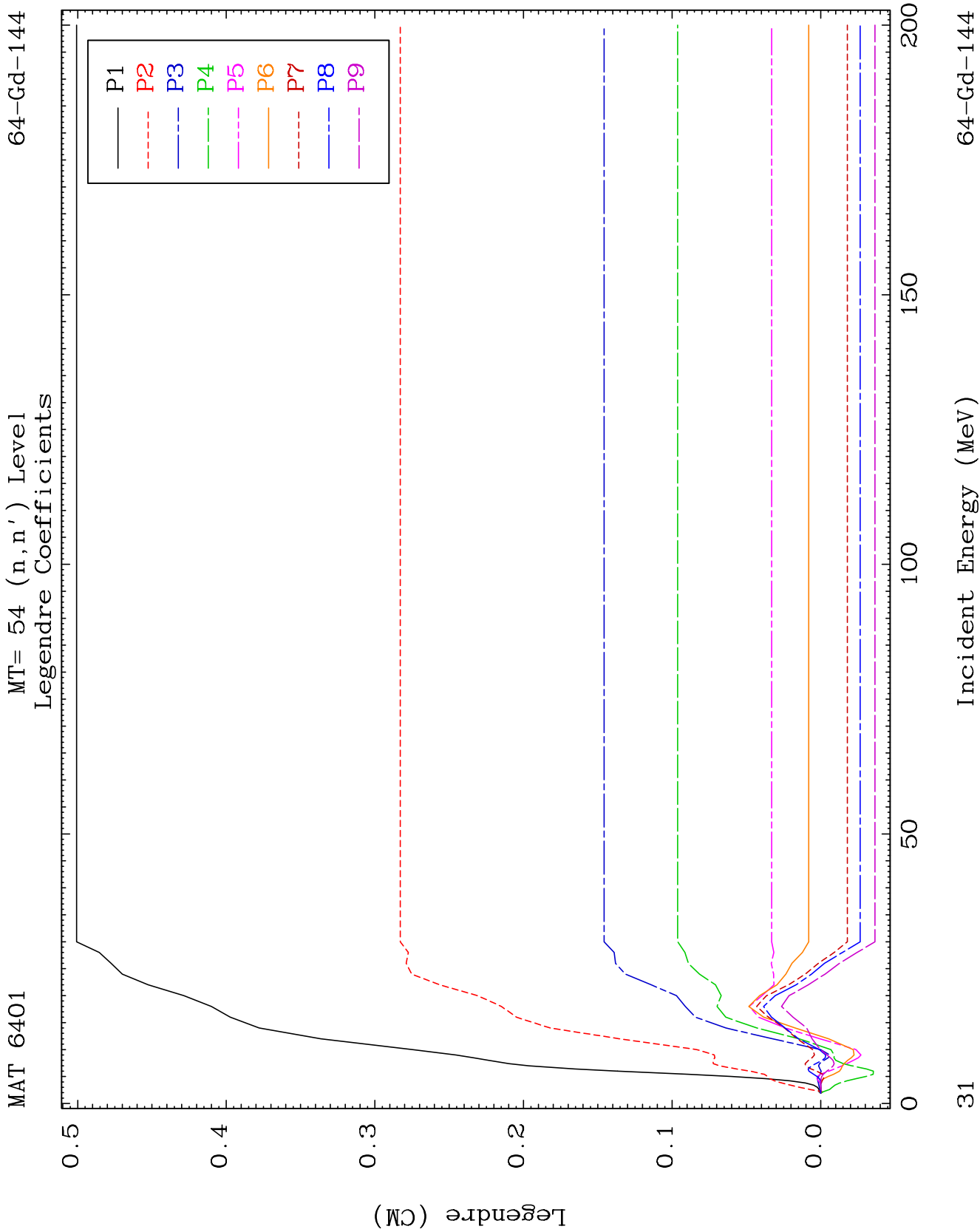








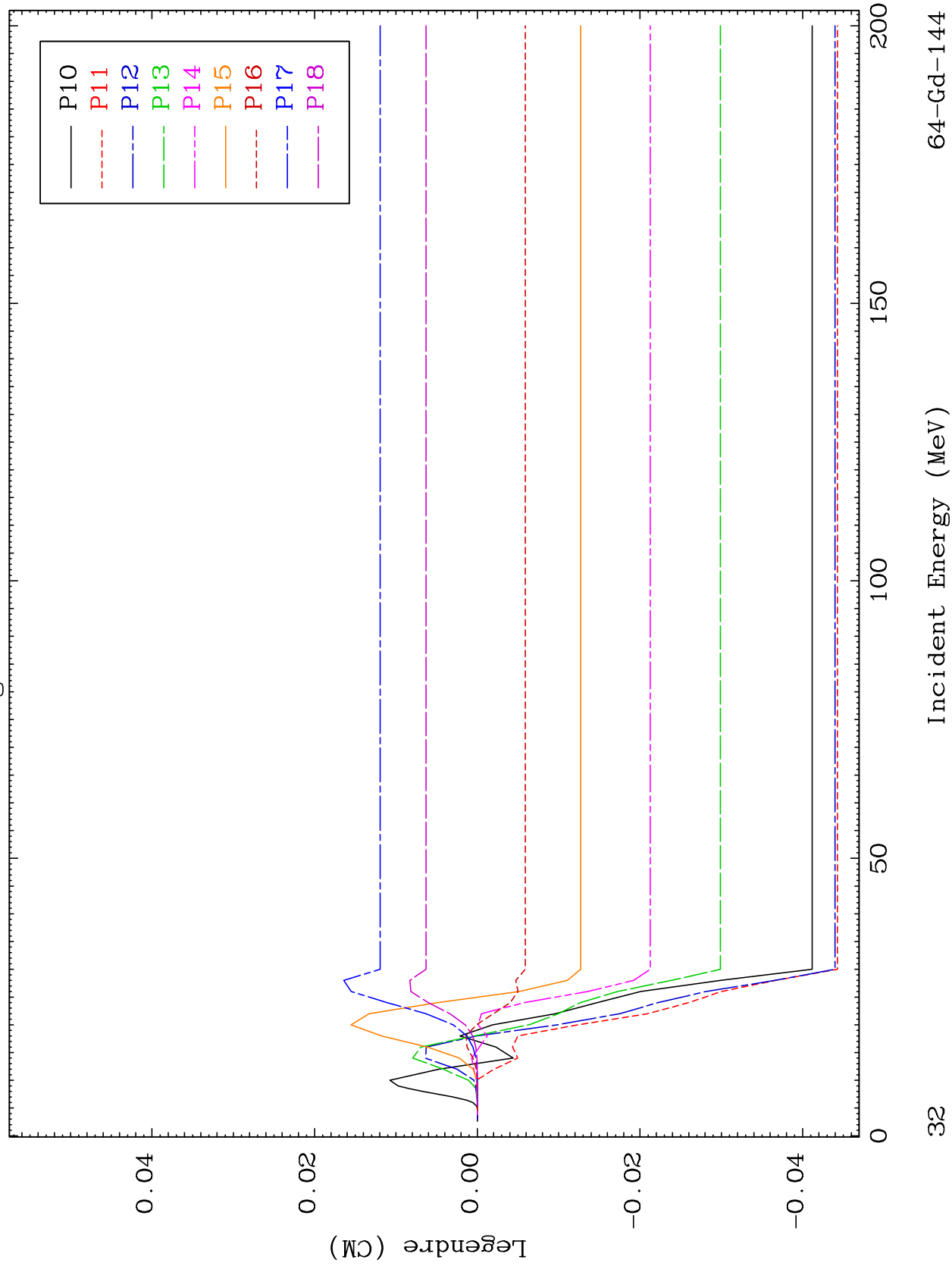


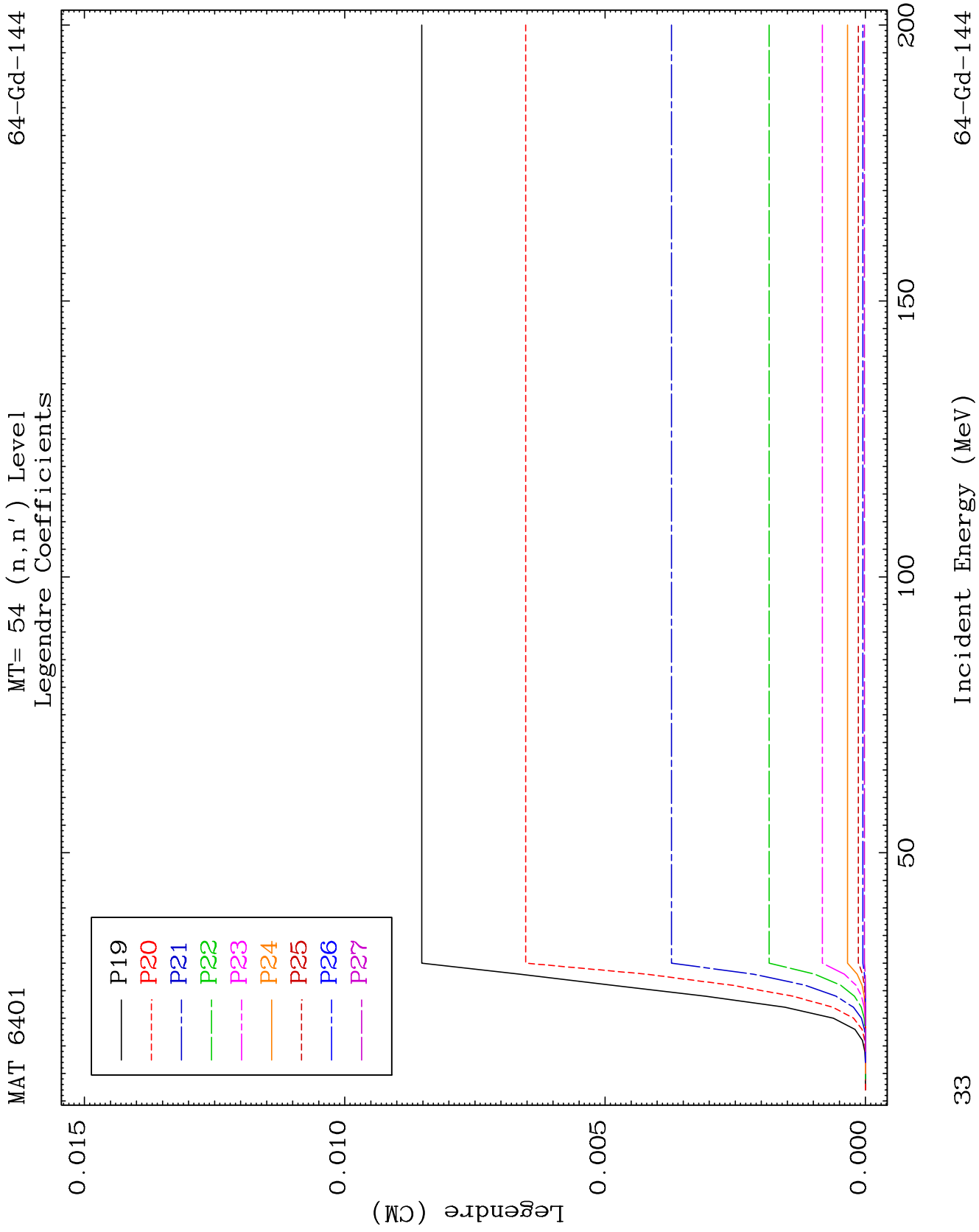


MAT 6401

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

64-Gd-144

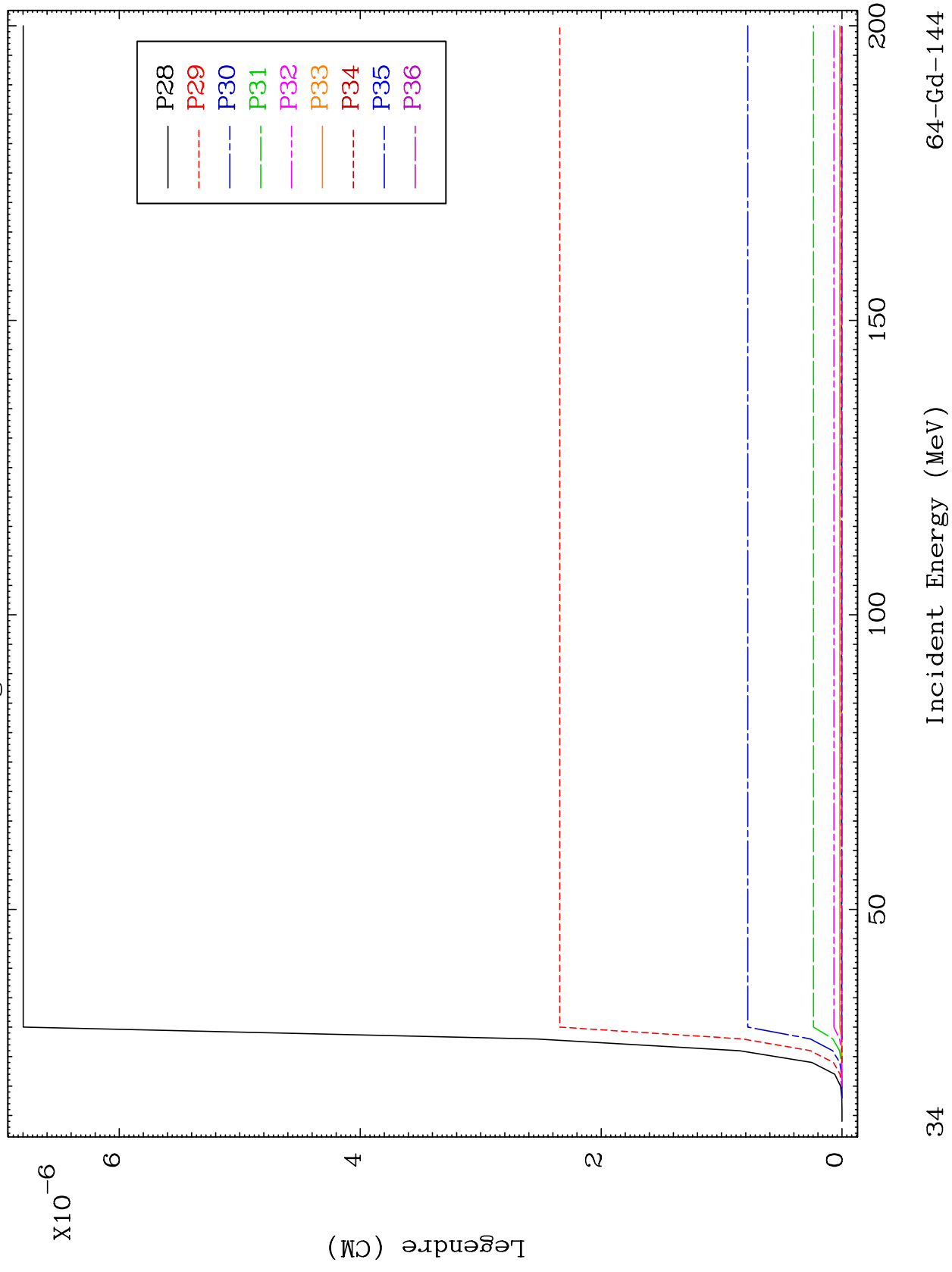


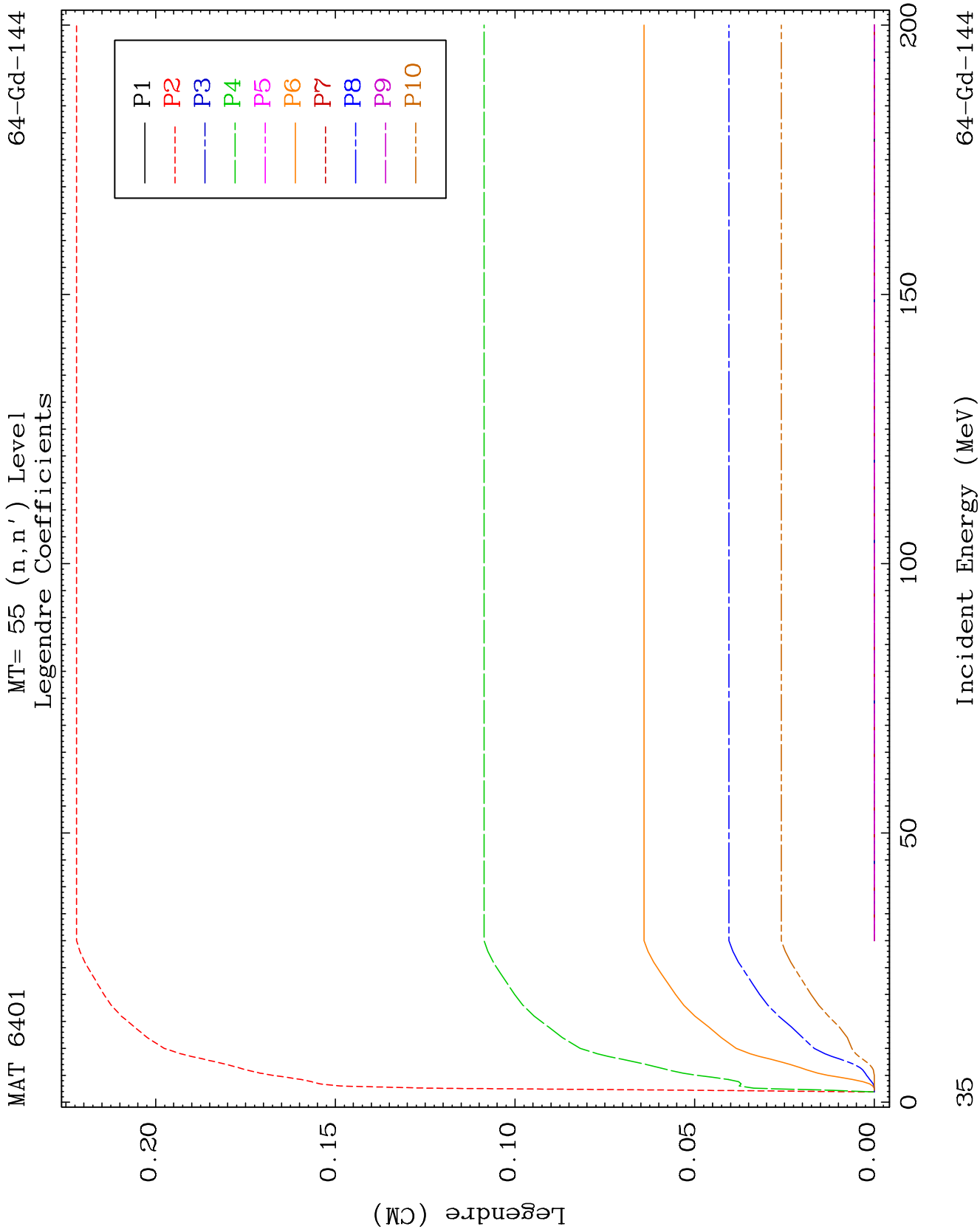


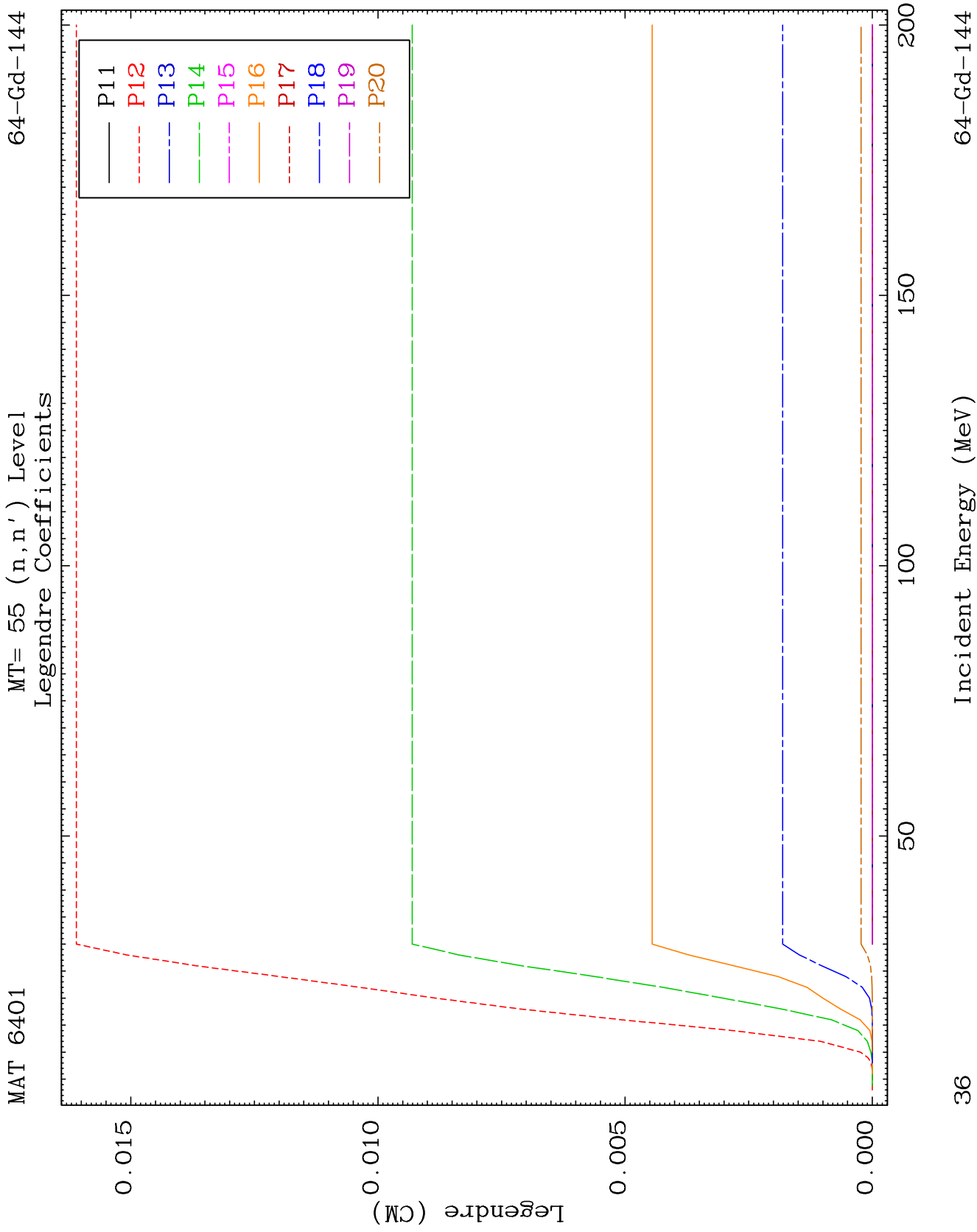
MAT 6401

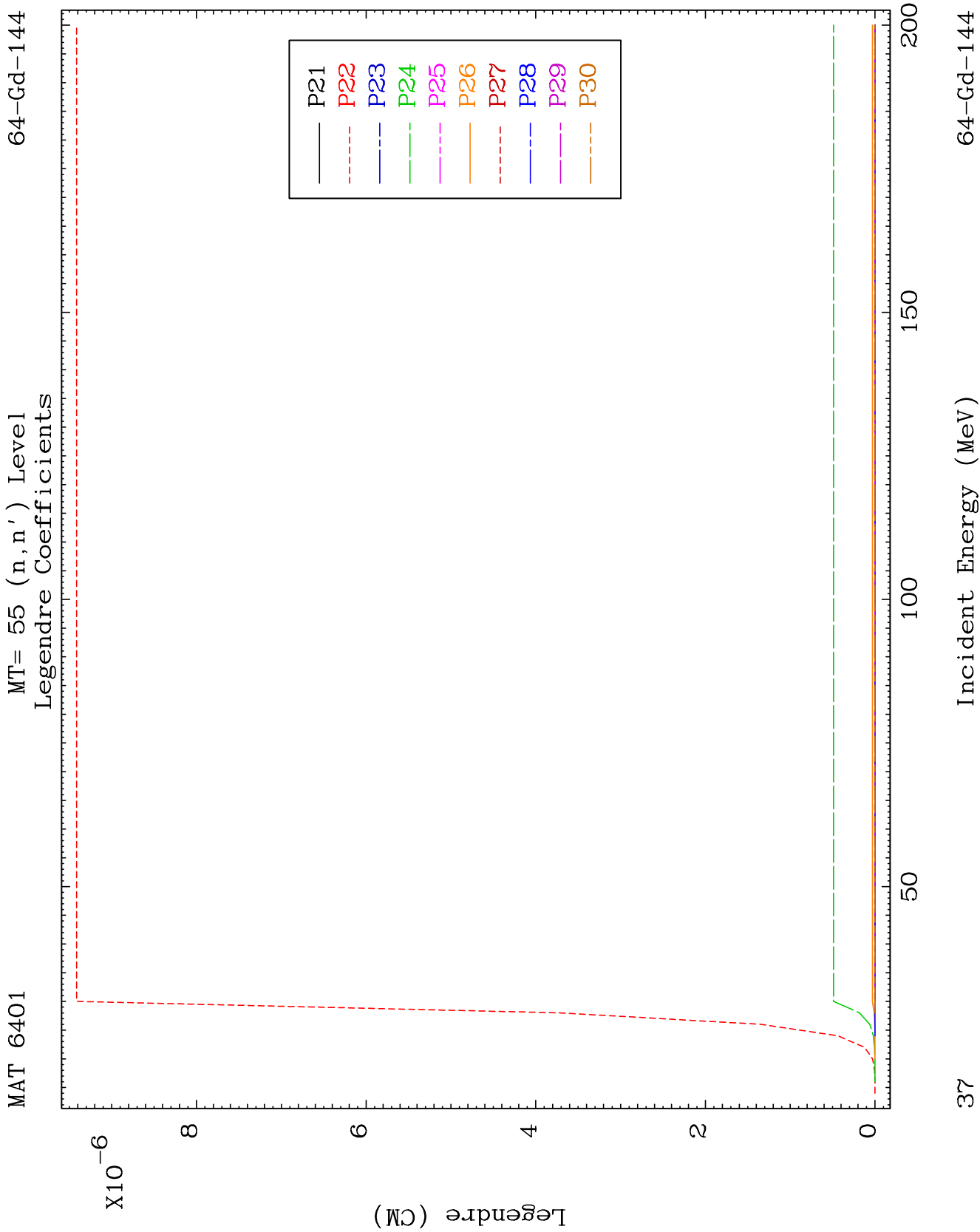
MT= 54 (n, n') Level
Legendre Coefficients

64-Gd-144





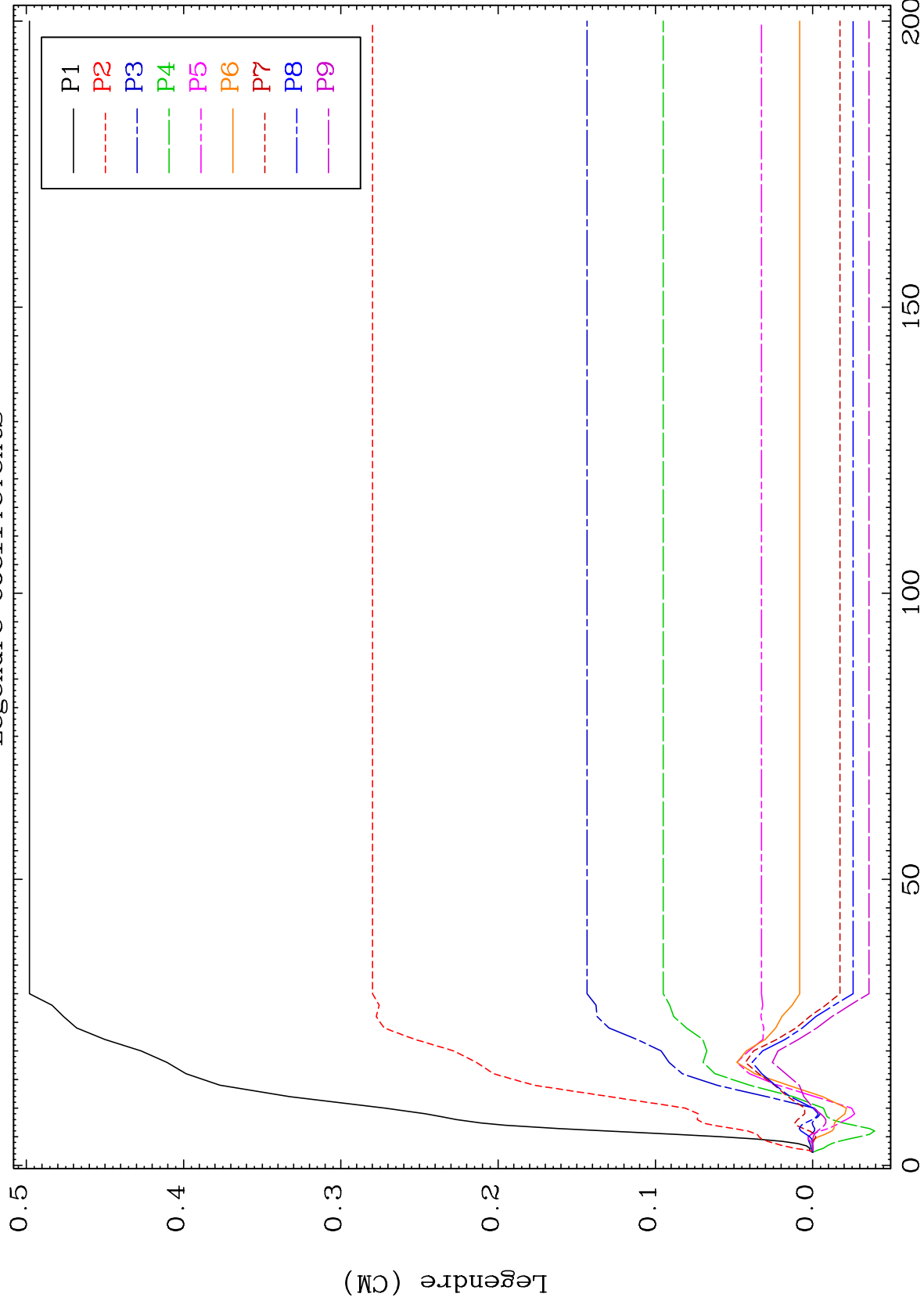




MAT 6401

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

64-Gd-144



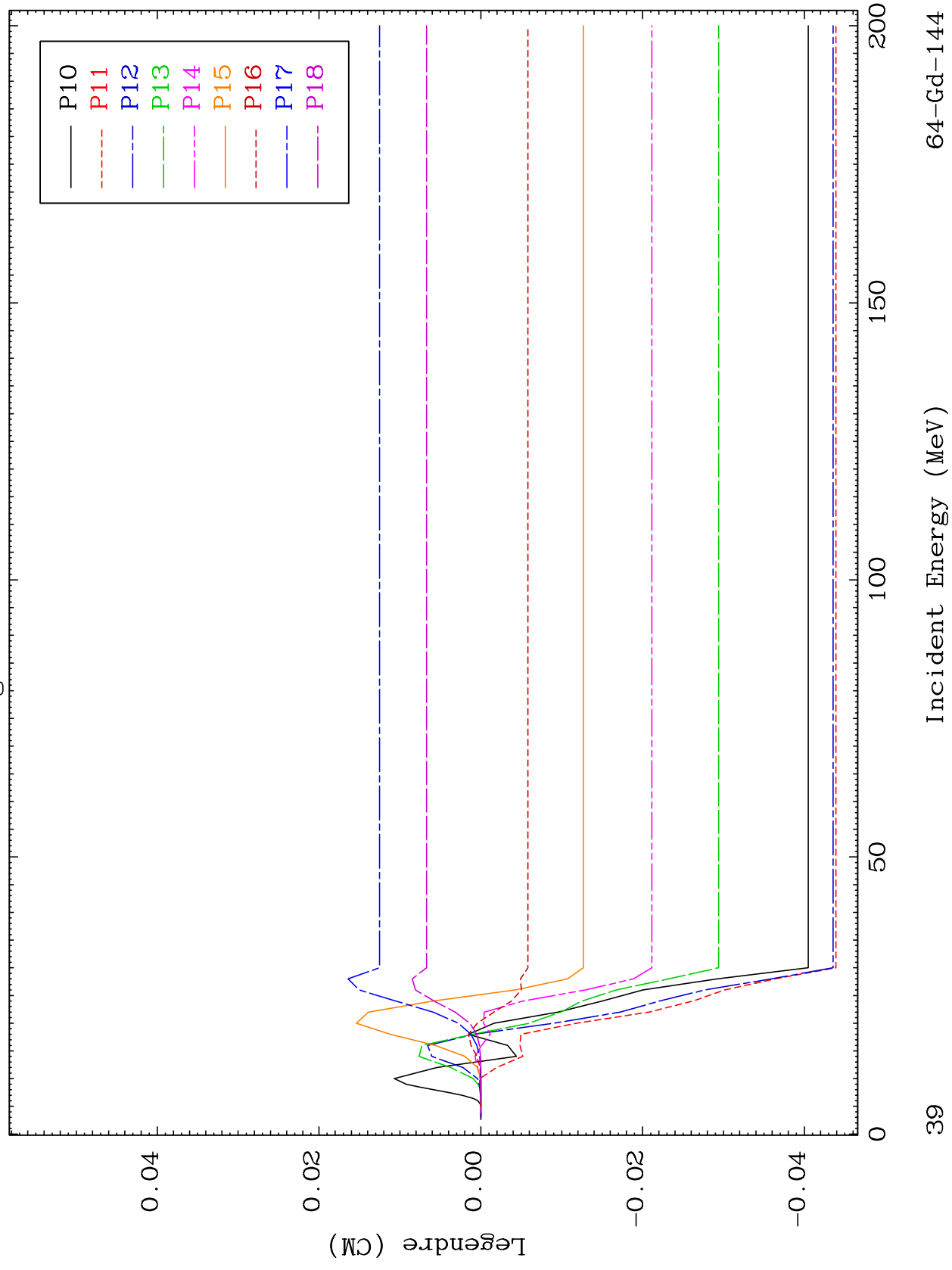
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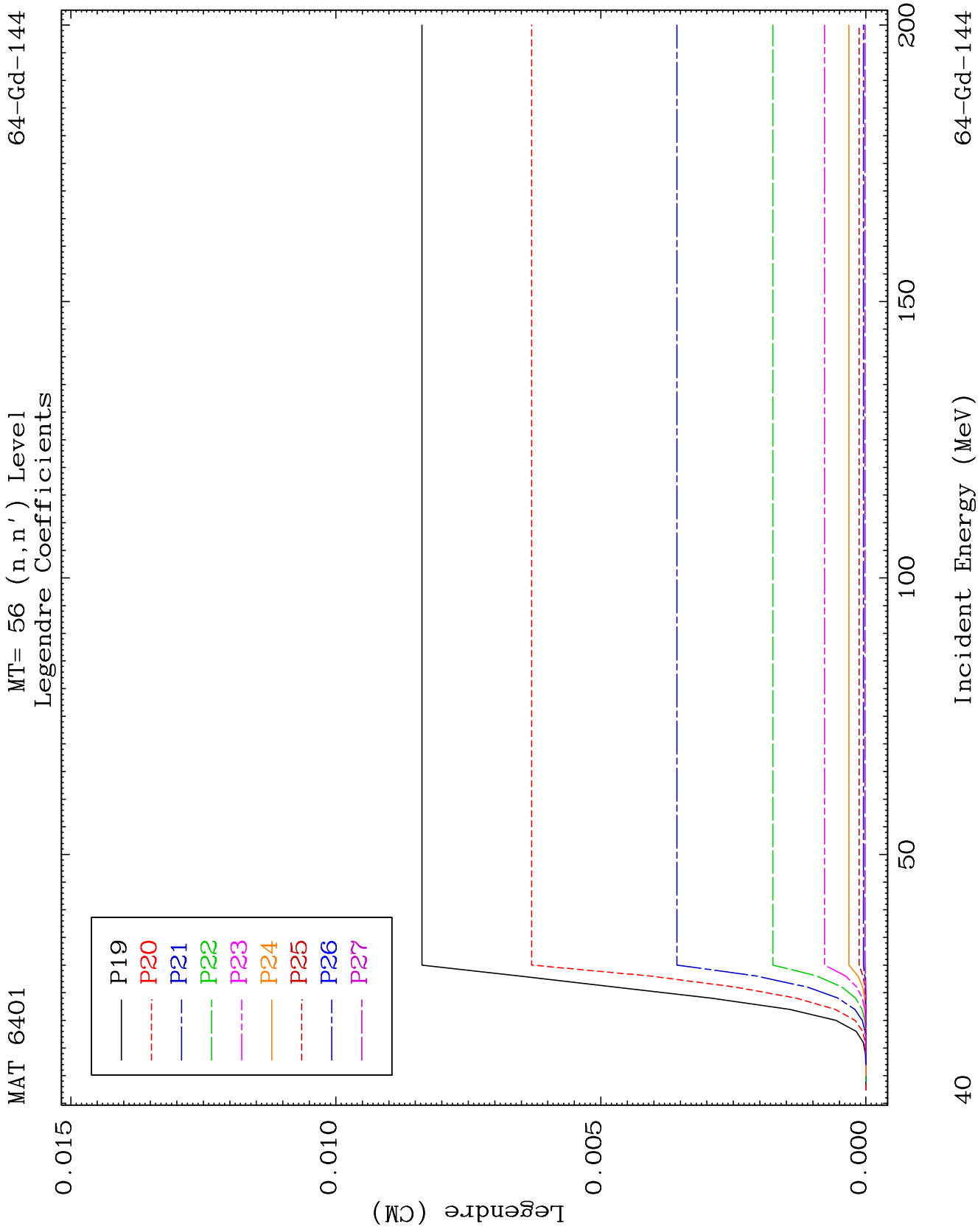
Incident Energy (MeV)

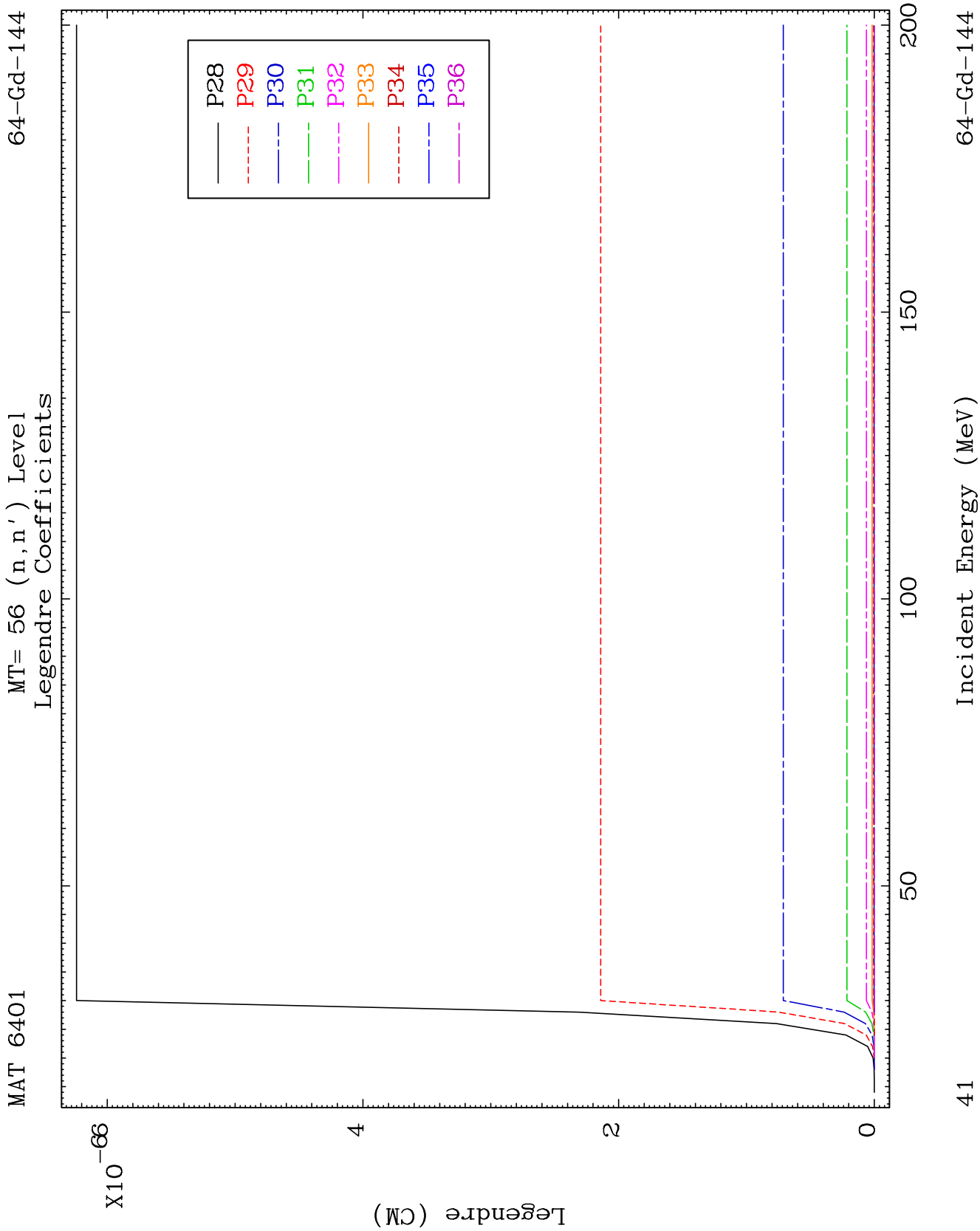
MAT 6401

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

64-Gd-144



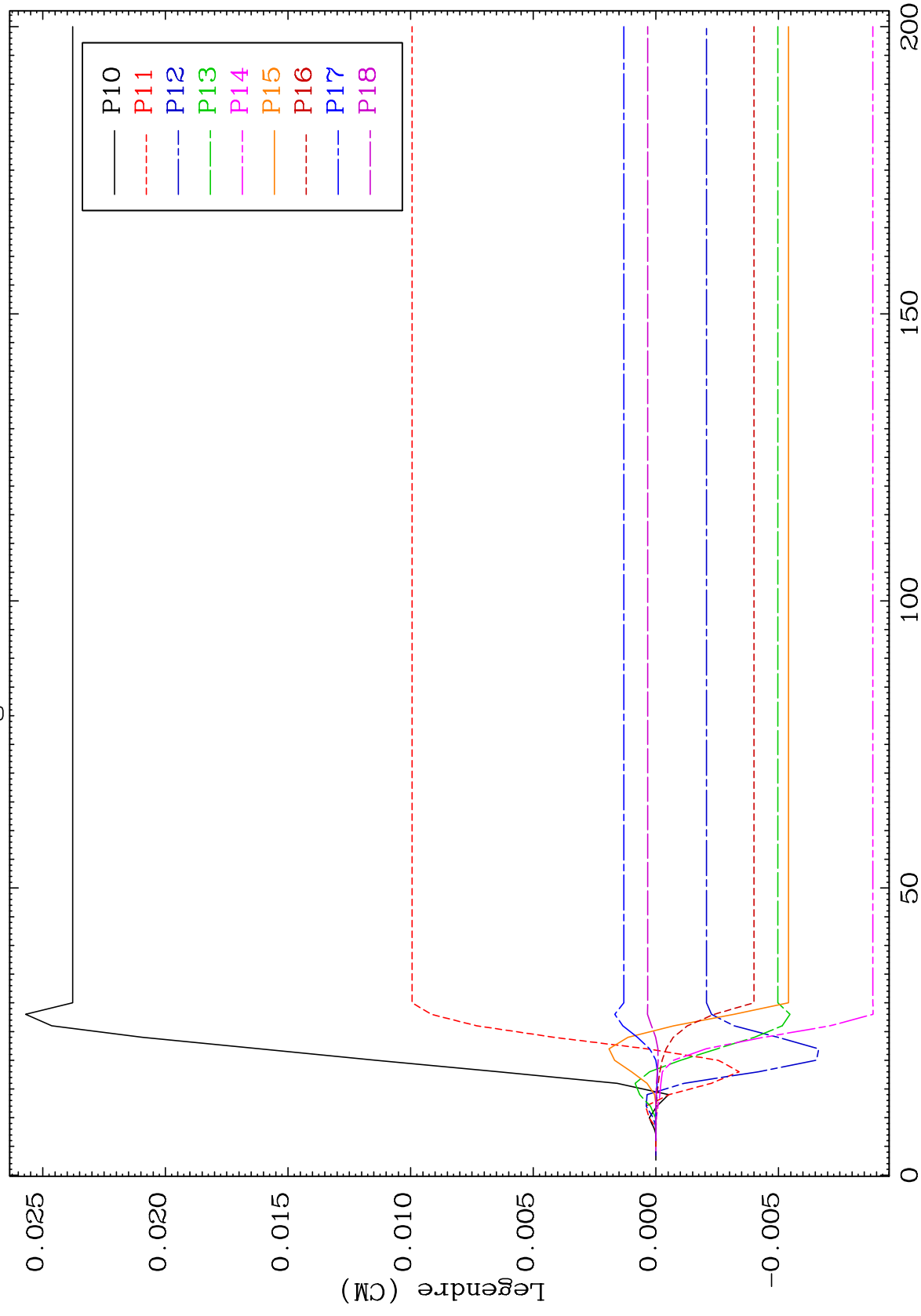




MAT 6401

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

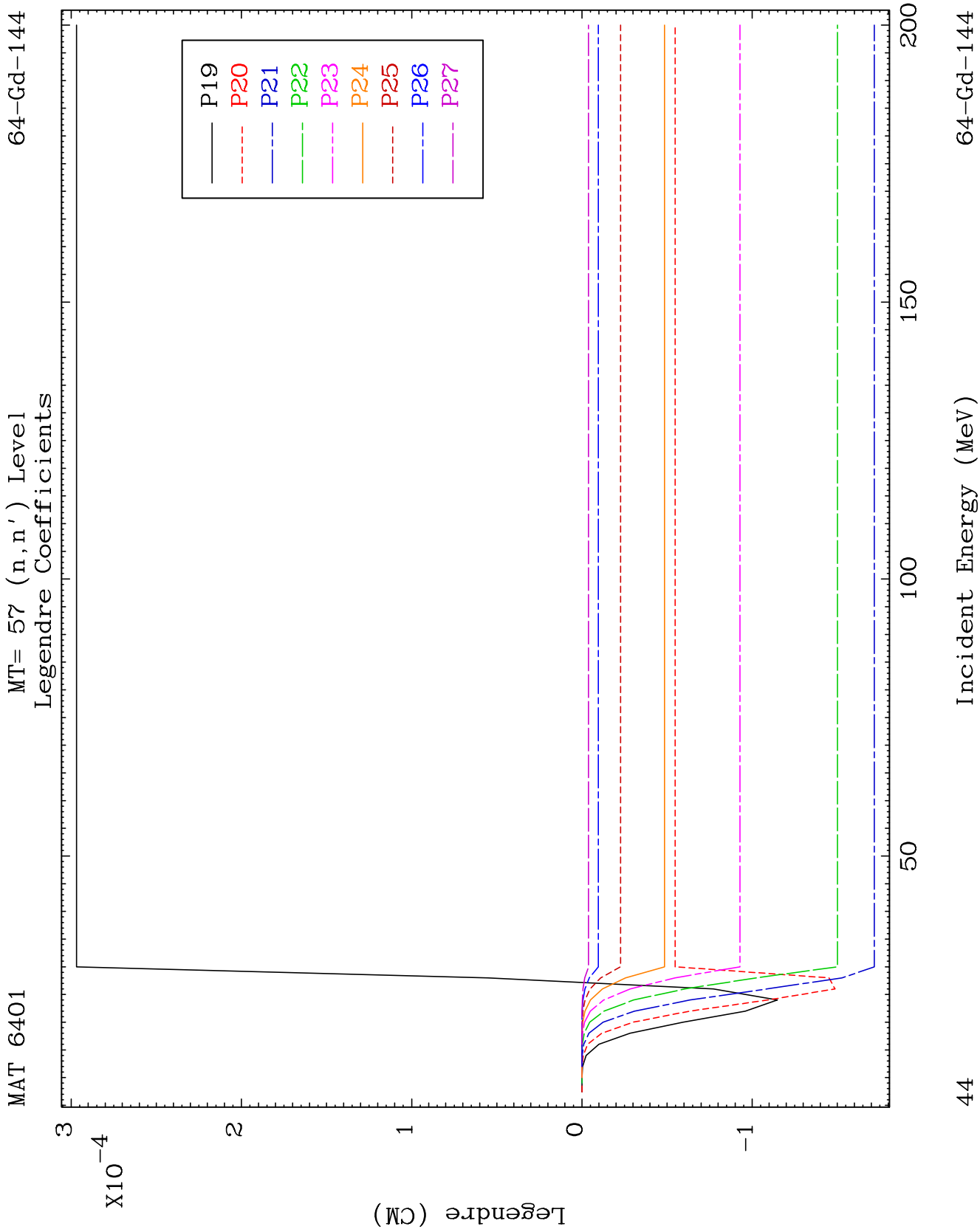
64-Gd-144



43

Incident Energy (MeV)

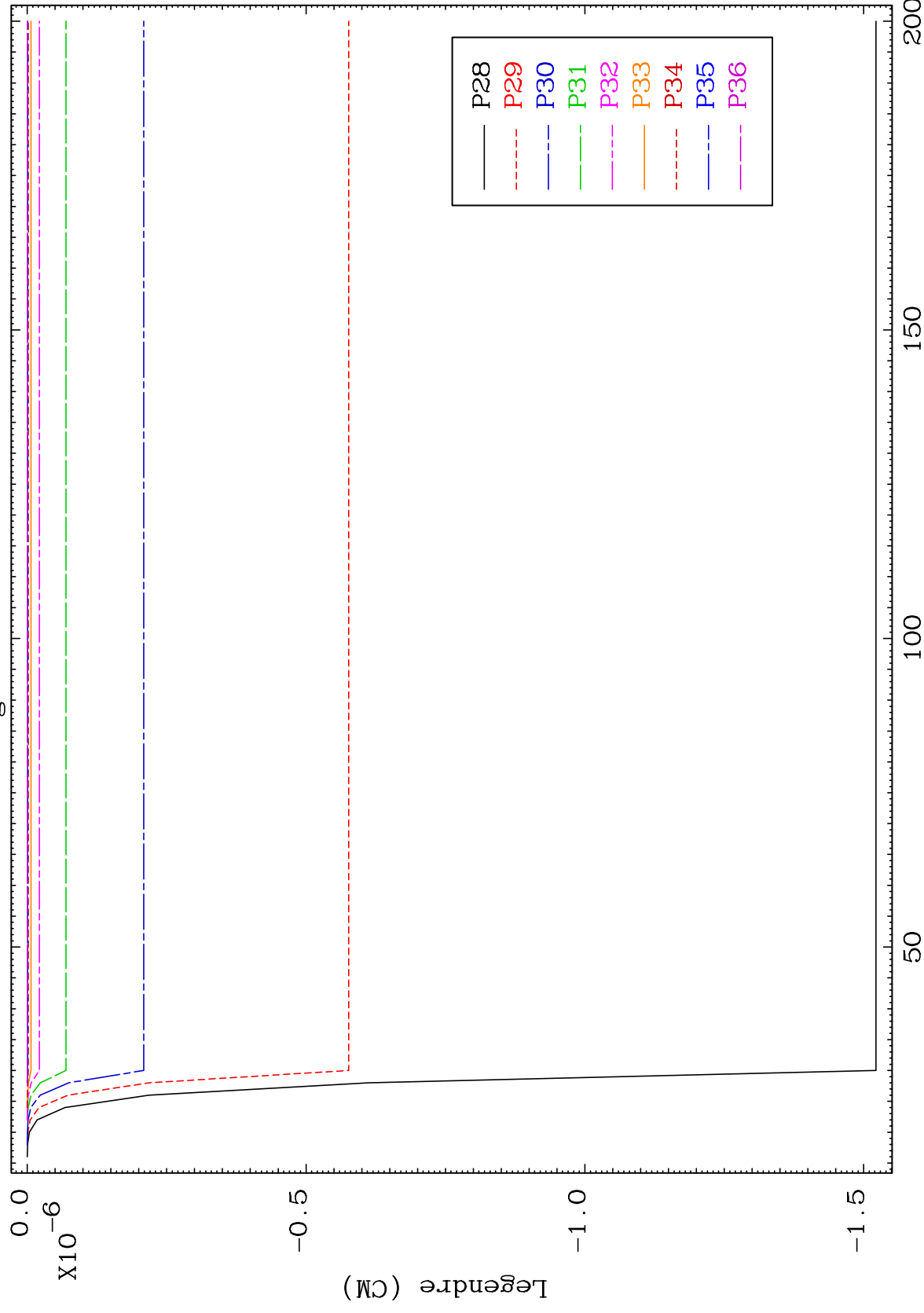
64-Gd-144



MAT 6401

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

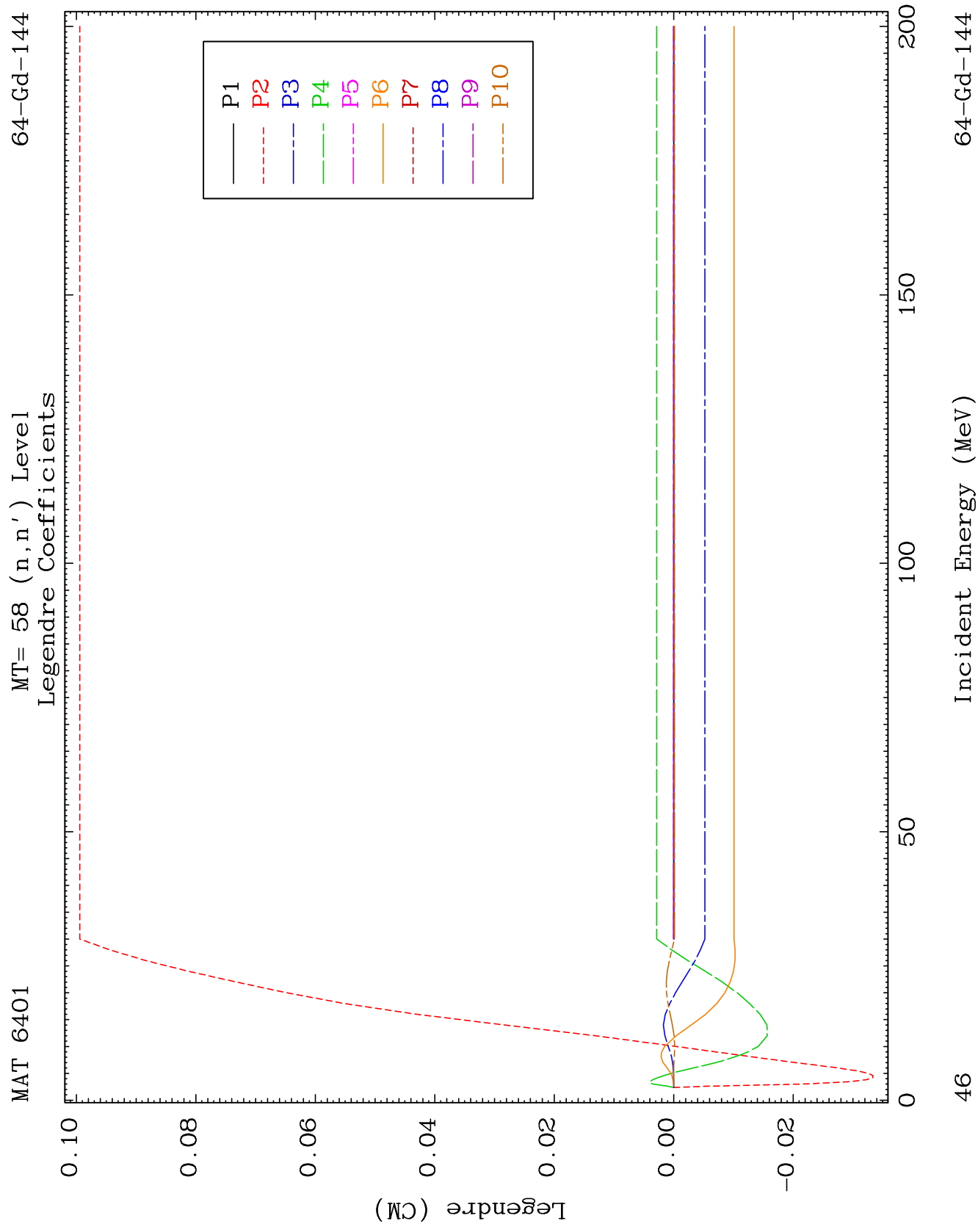
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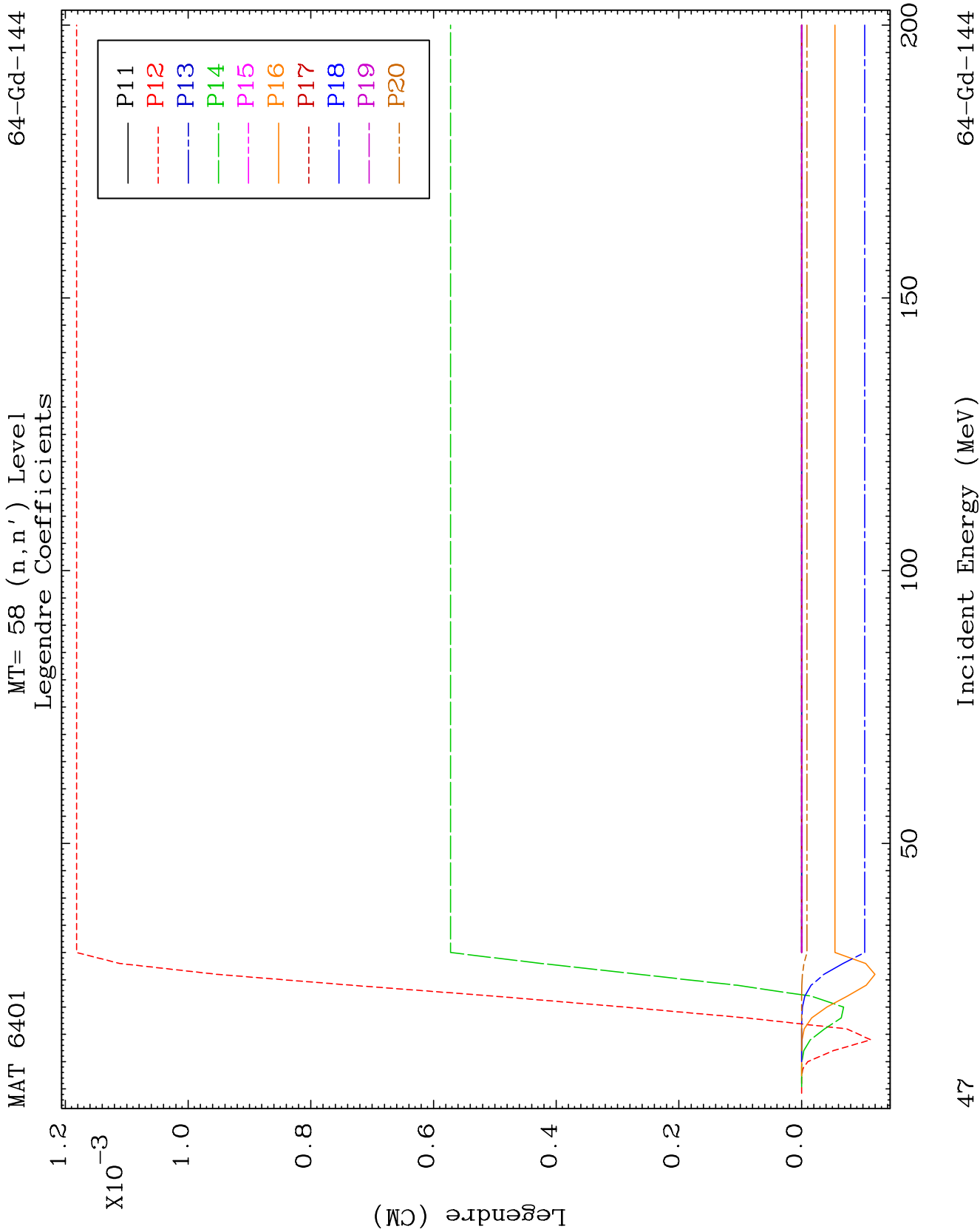


45

Incident Energy (MeV)

64-Gd-144

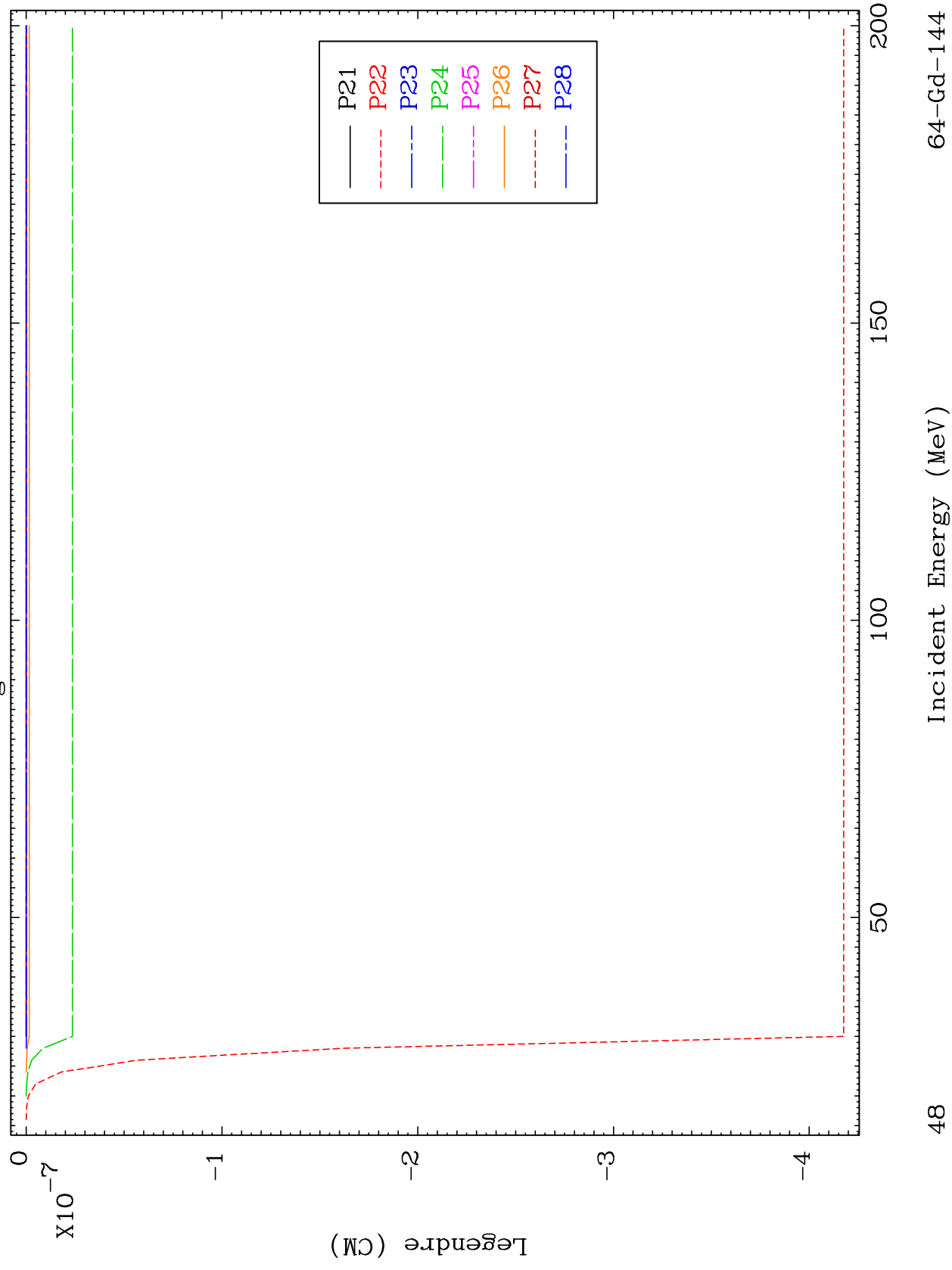


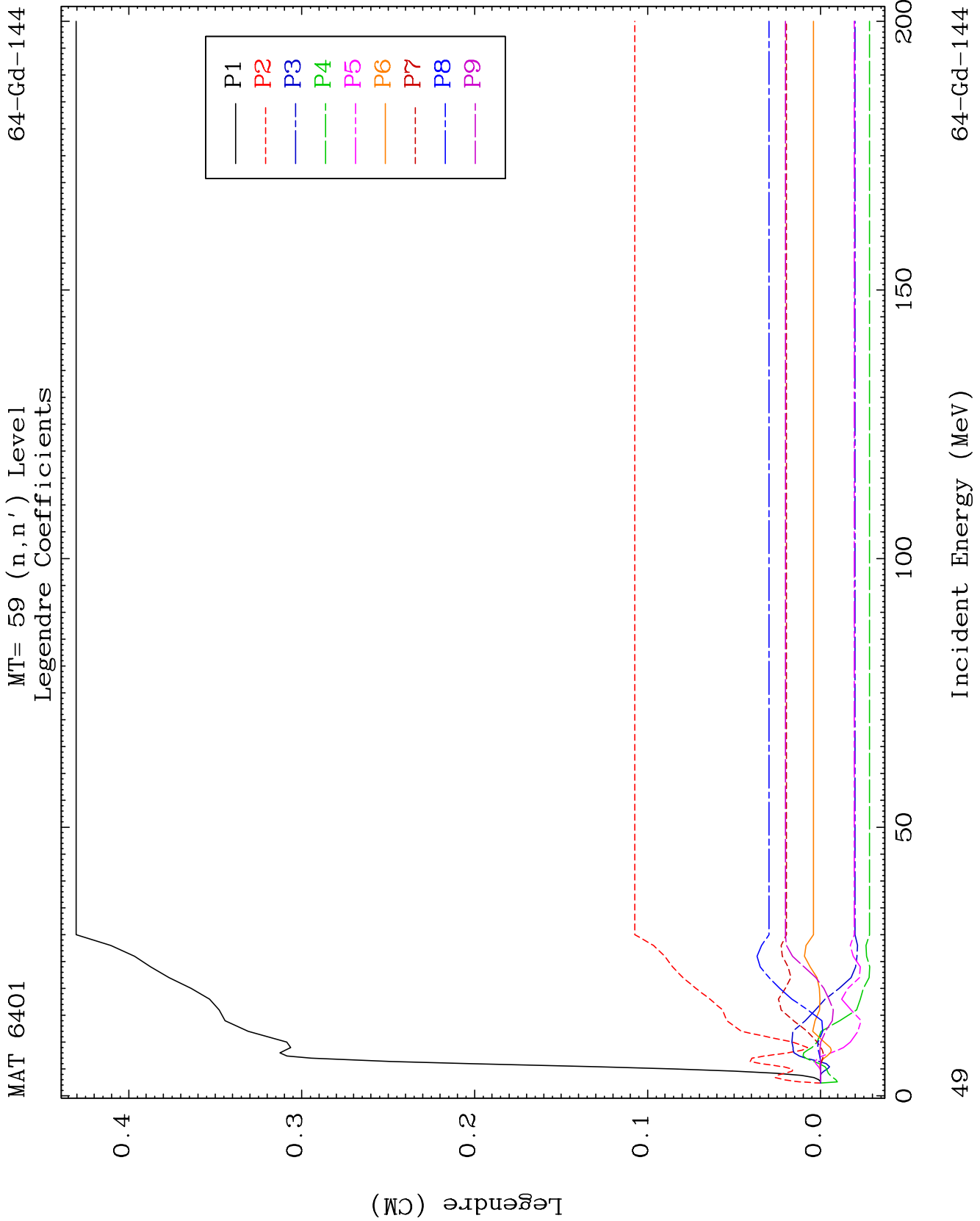


MAT 6401

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

64-Gd-144

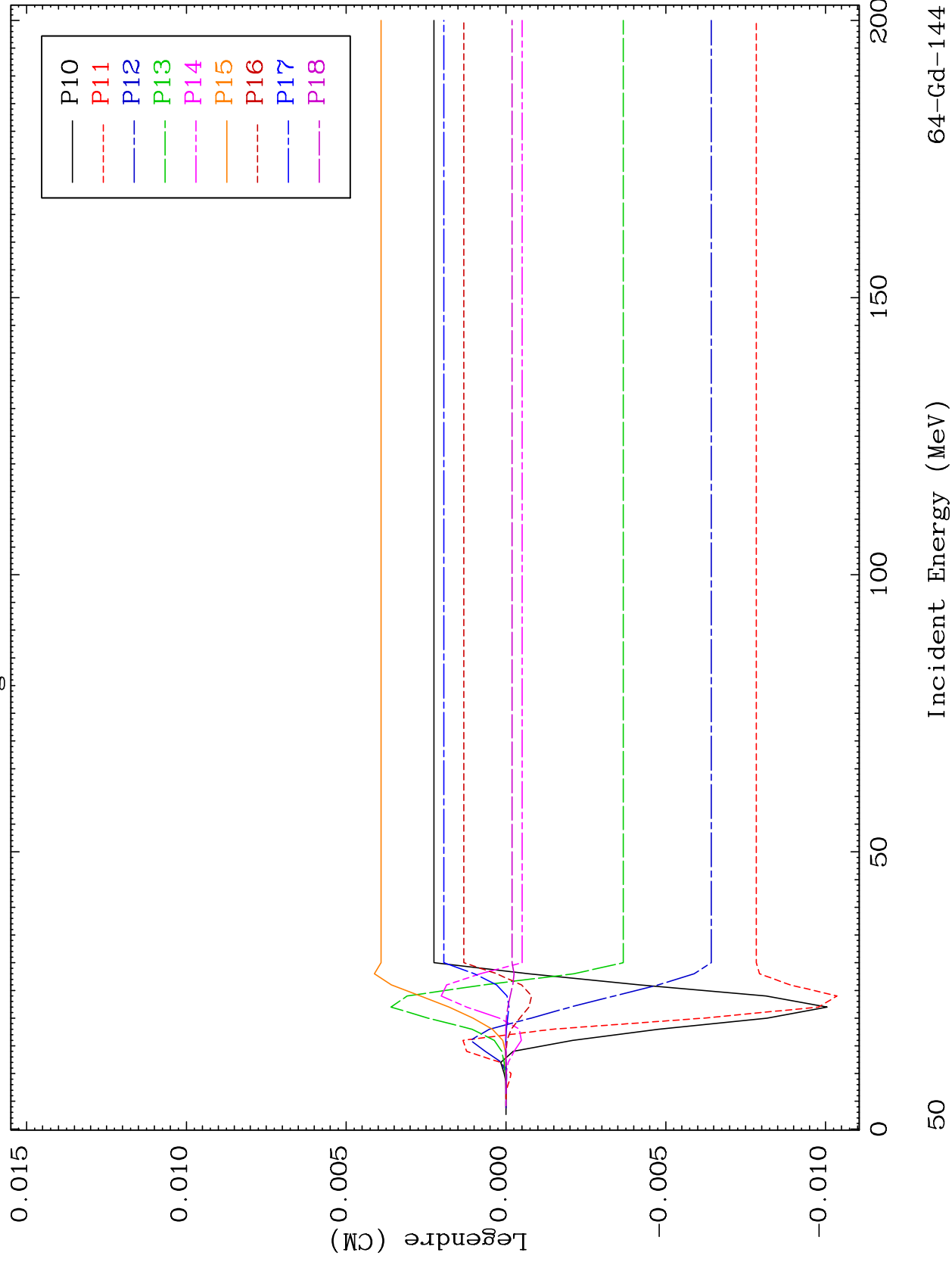


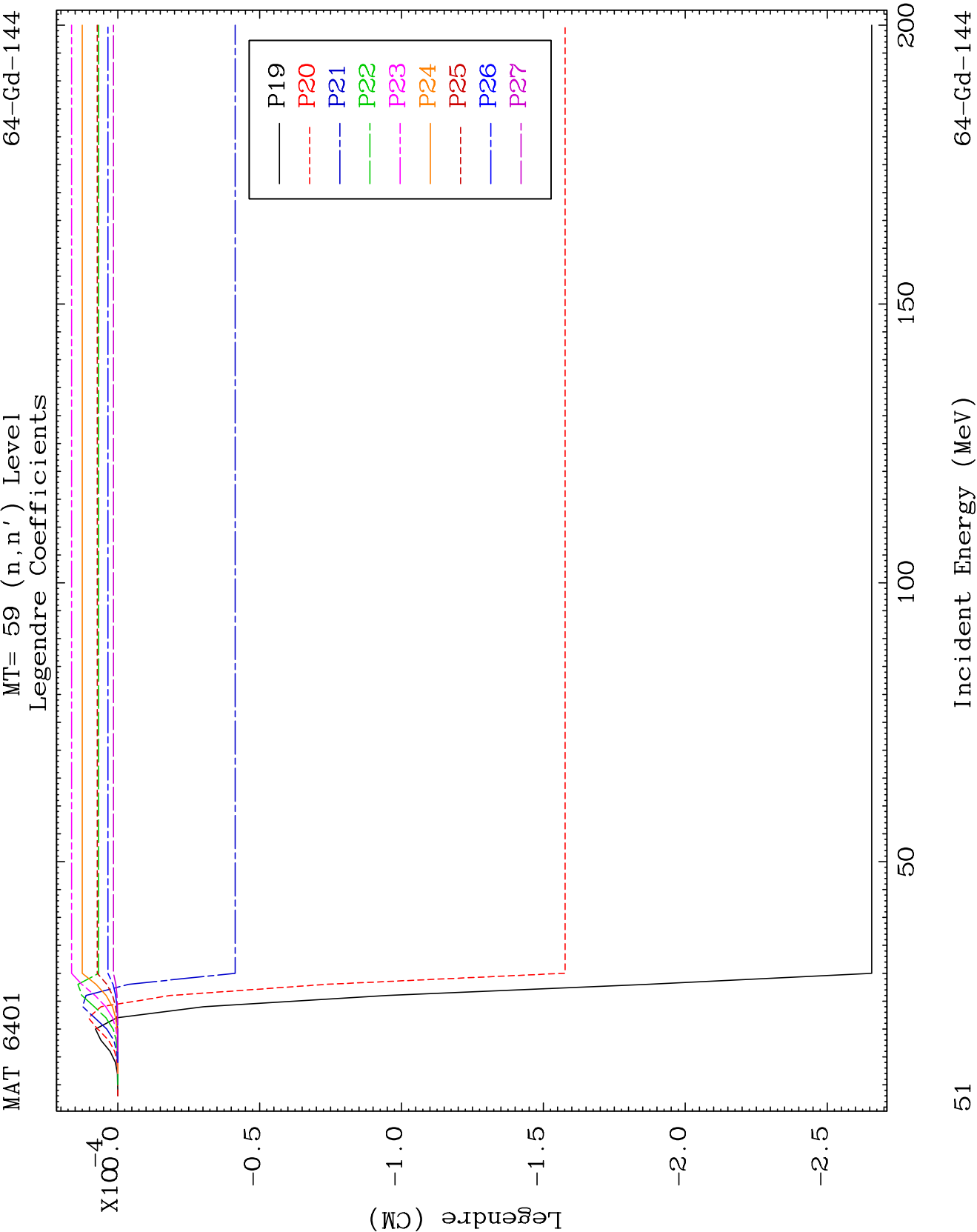


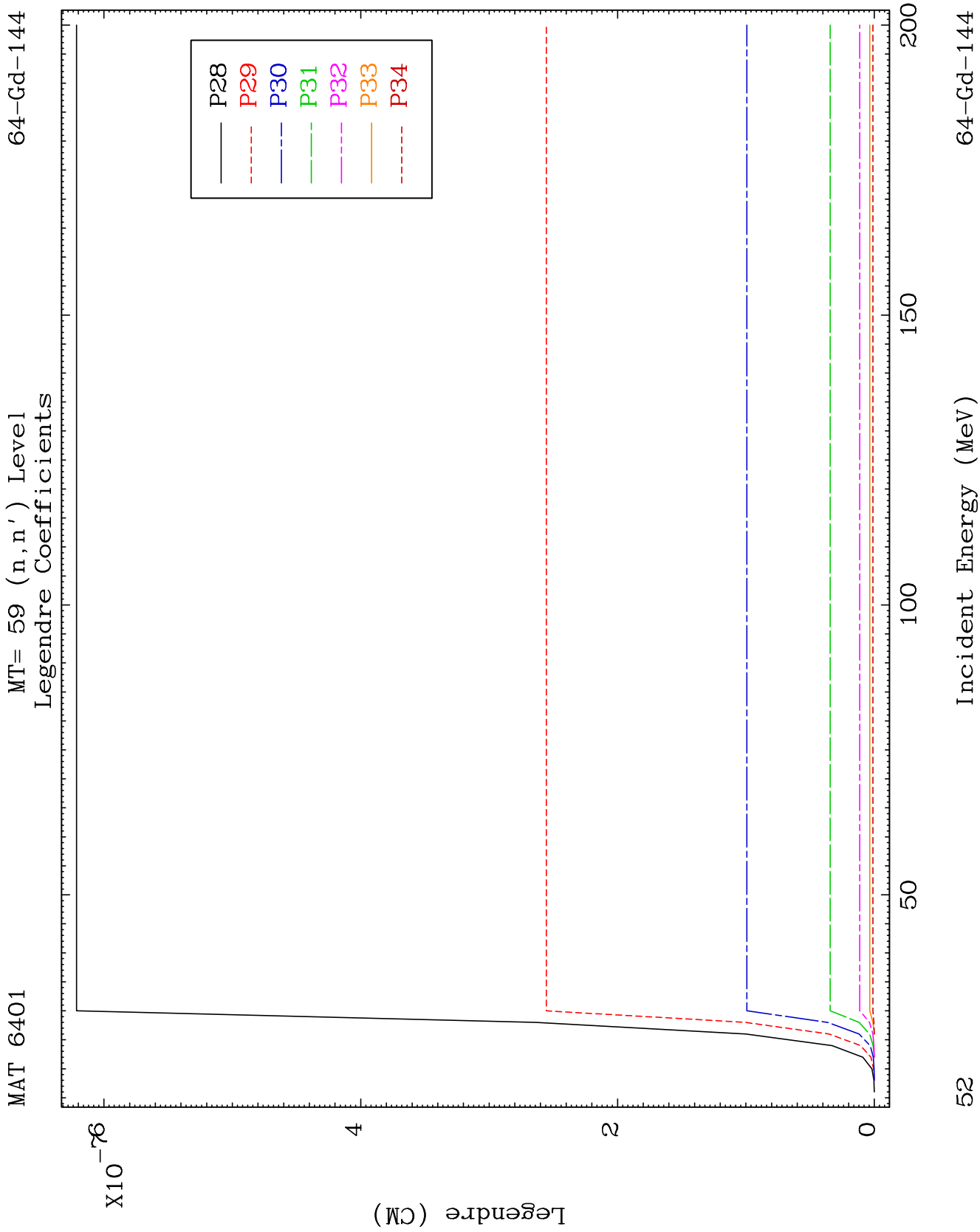
MAT 6401

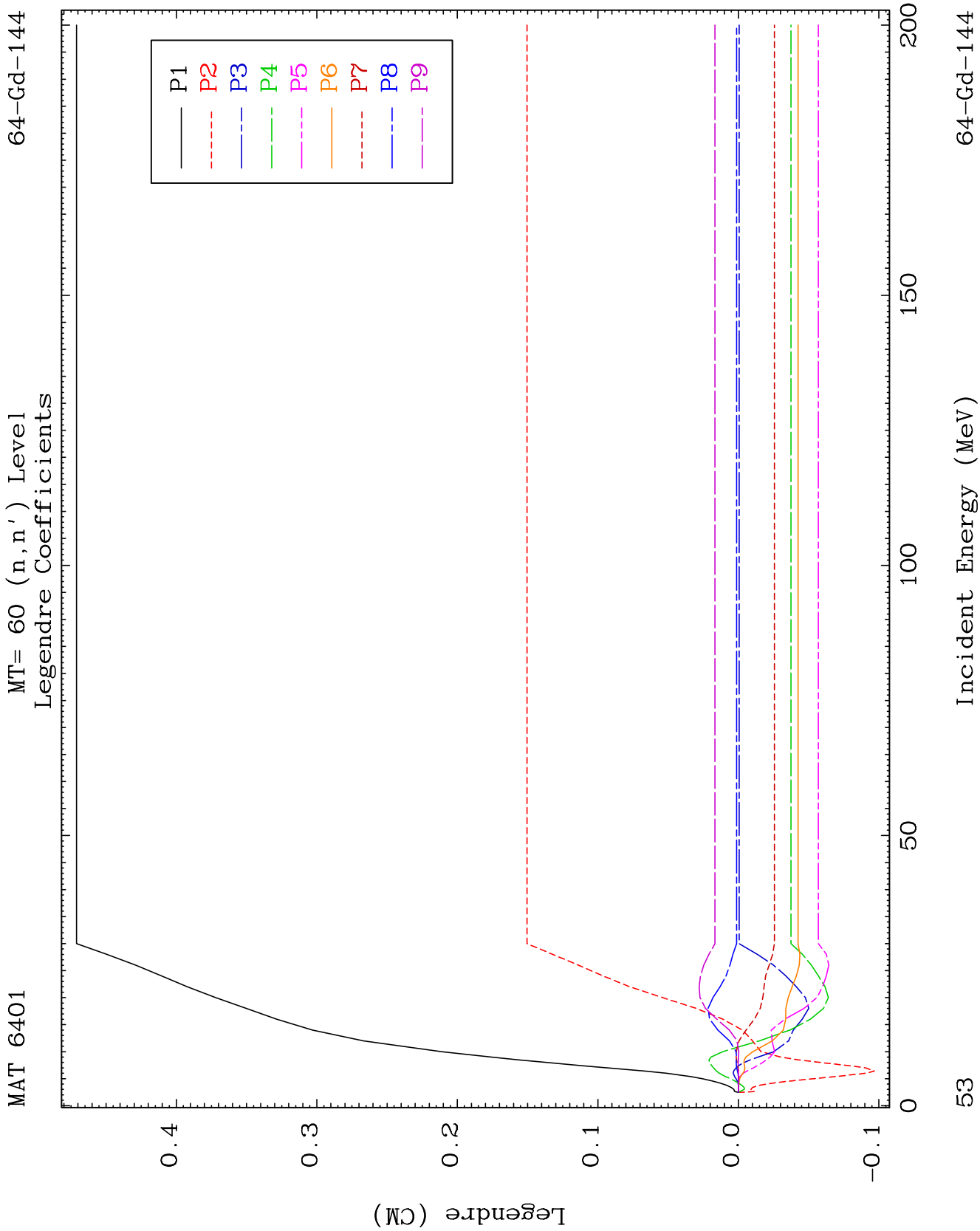
MT= 59 (n, n') Level
Legendre Coefficients

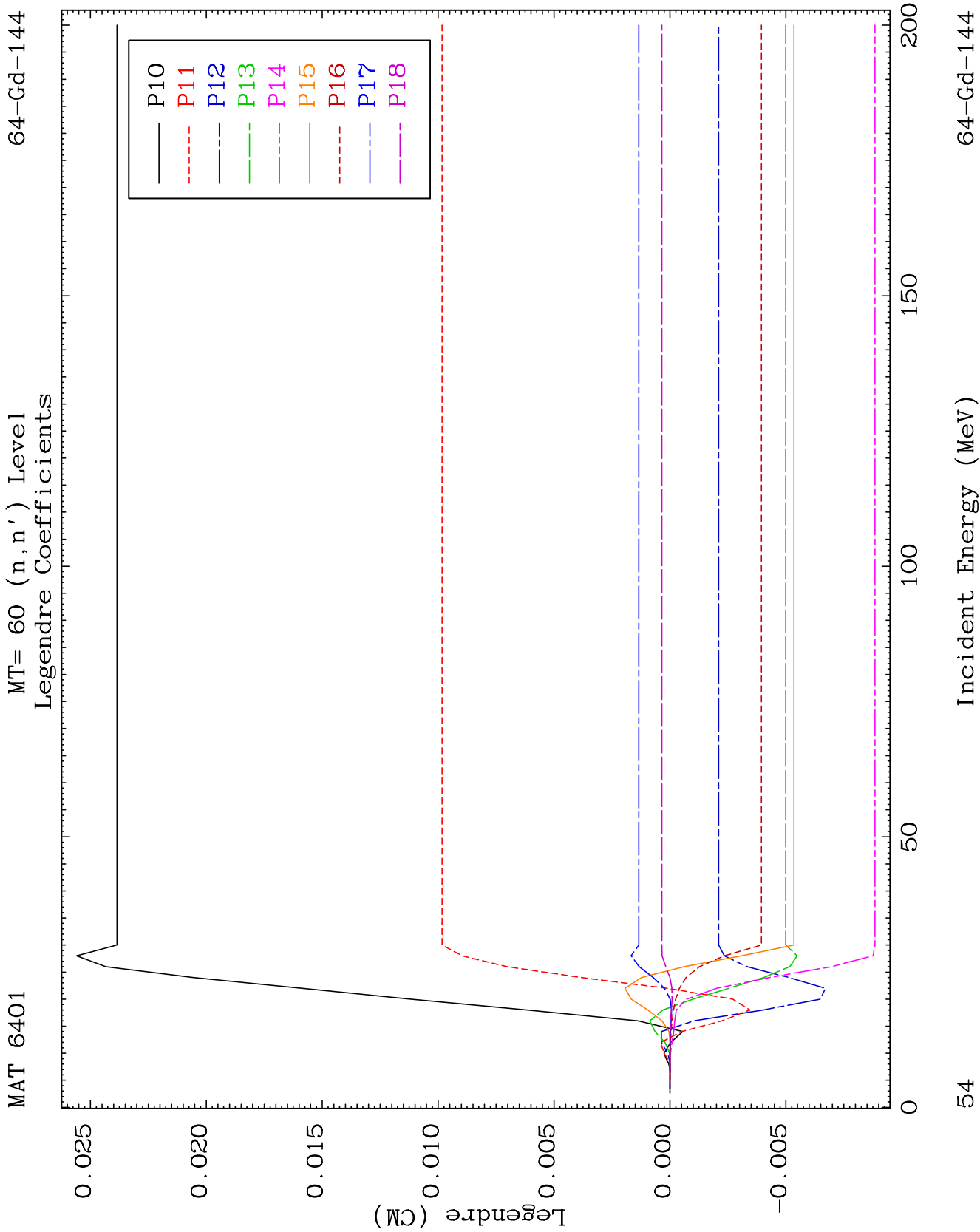
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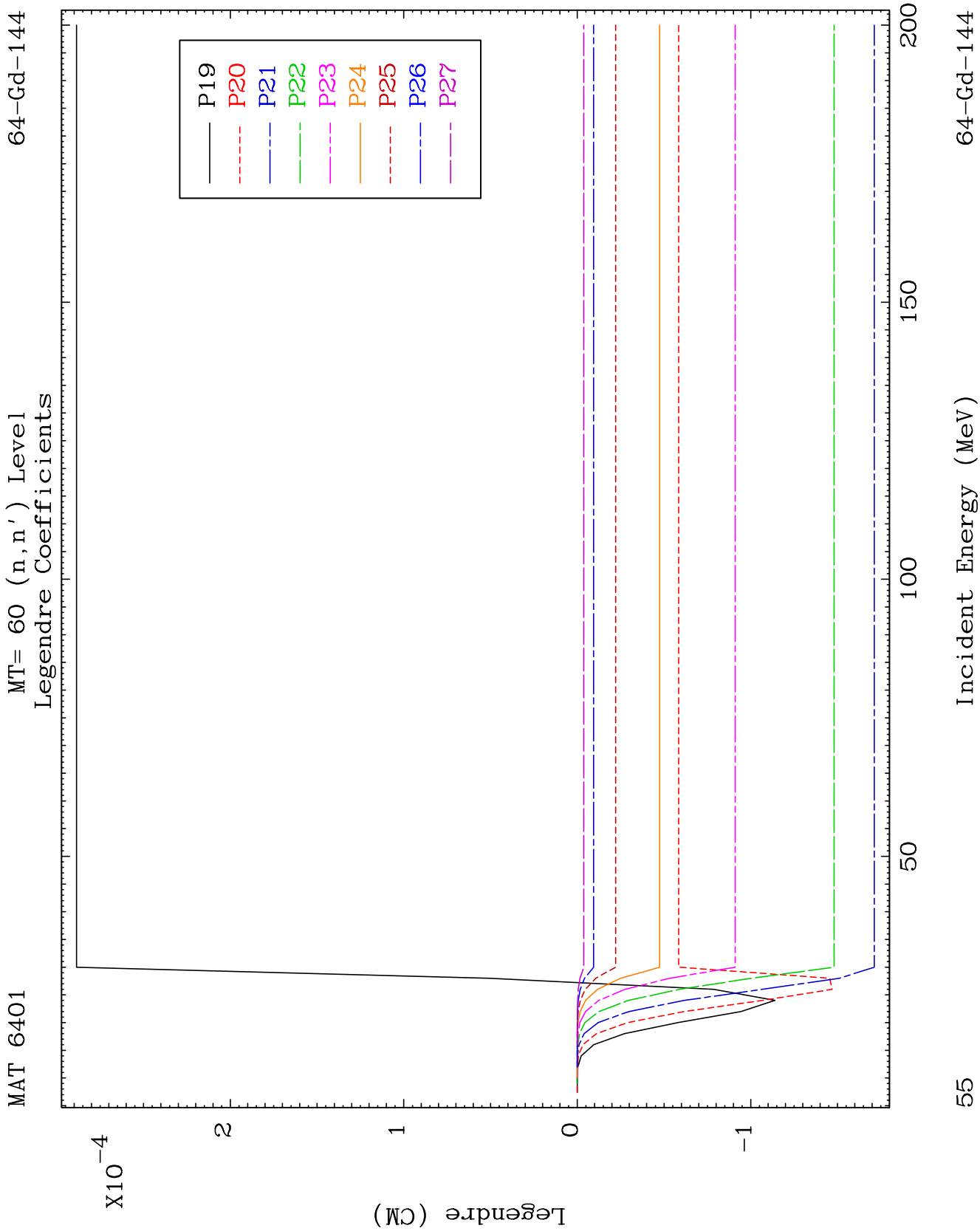


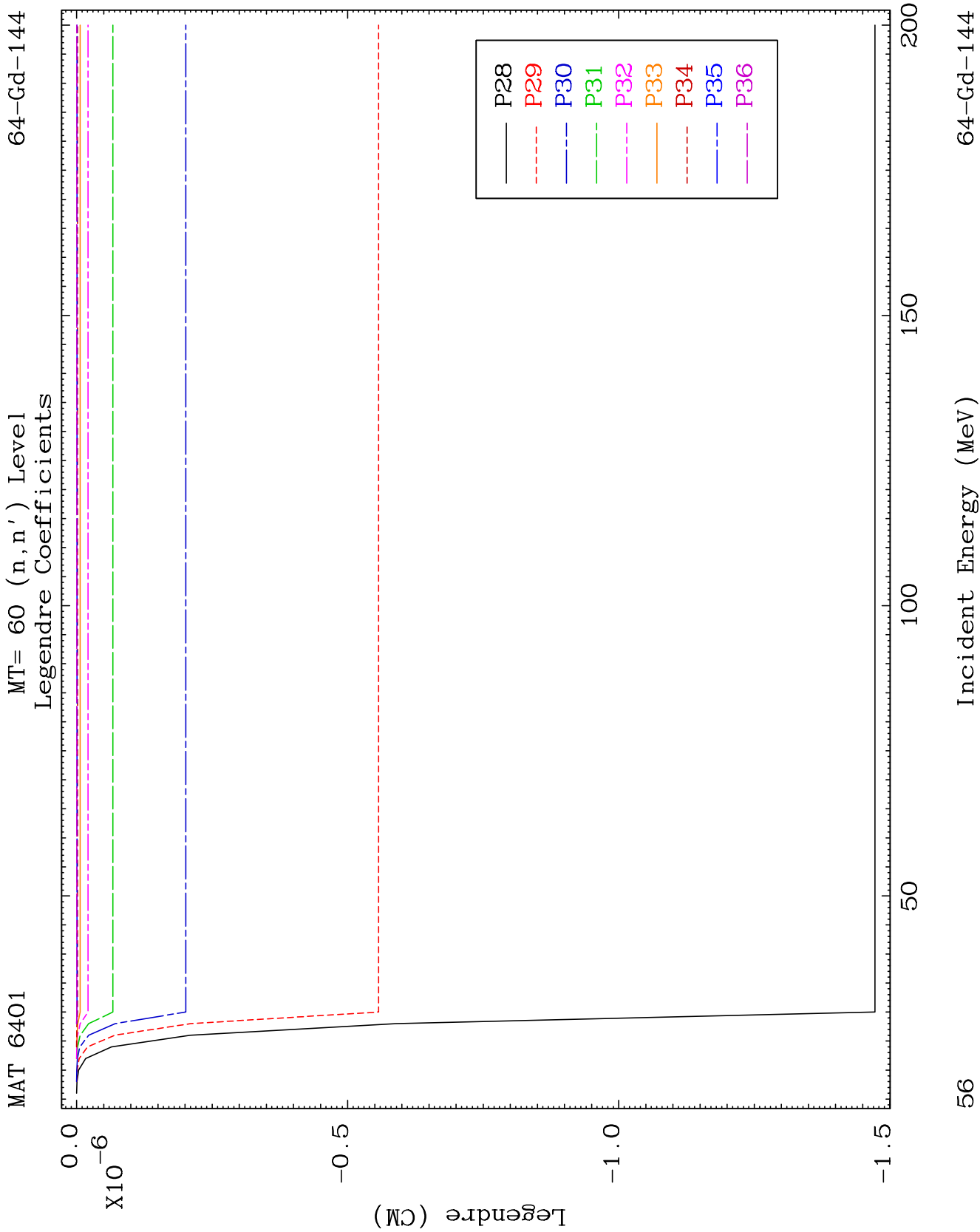


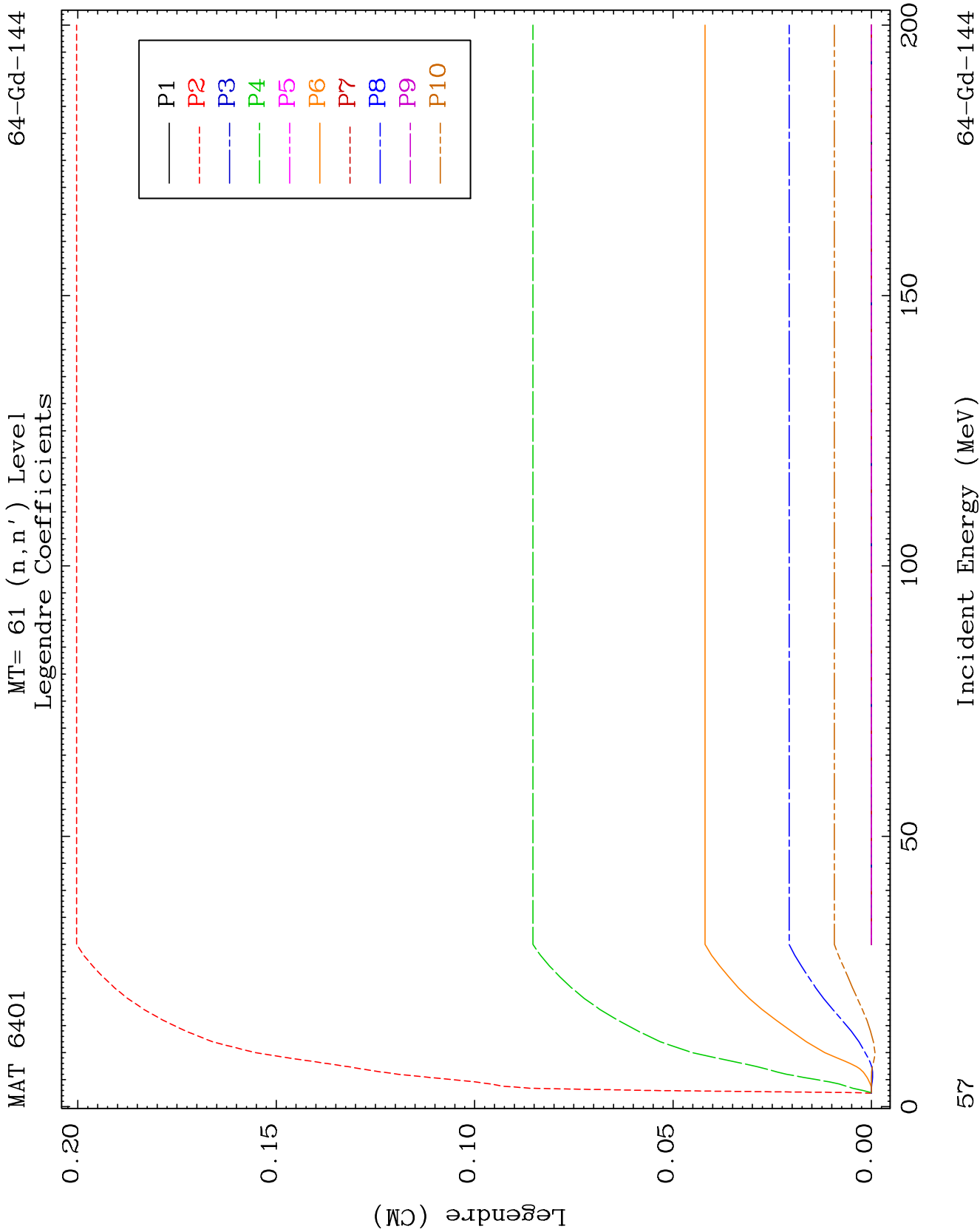








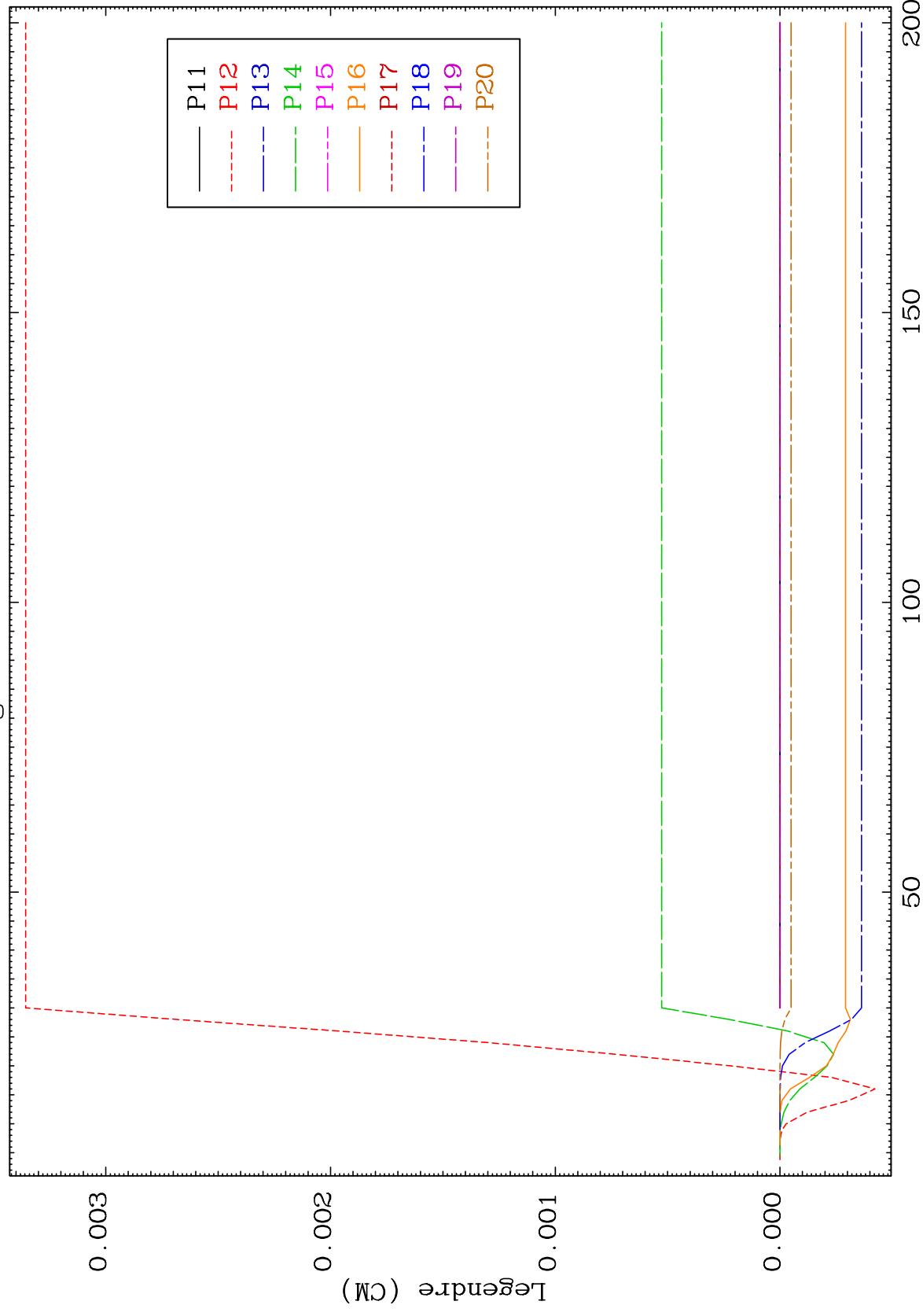




MAT 6401

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

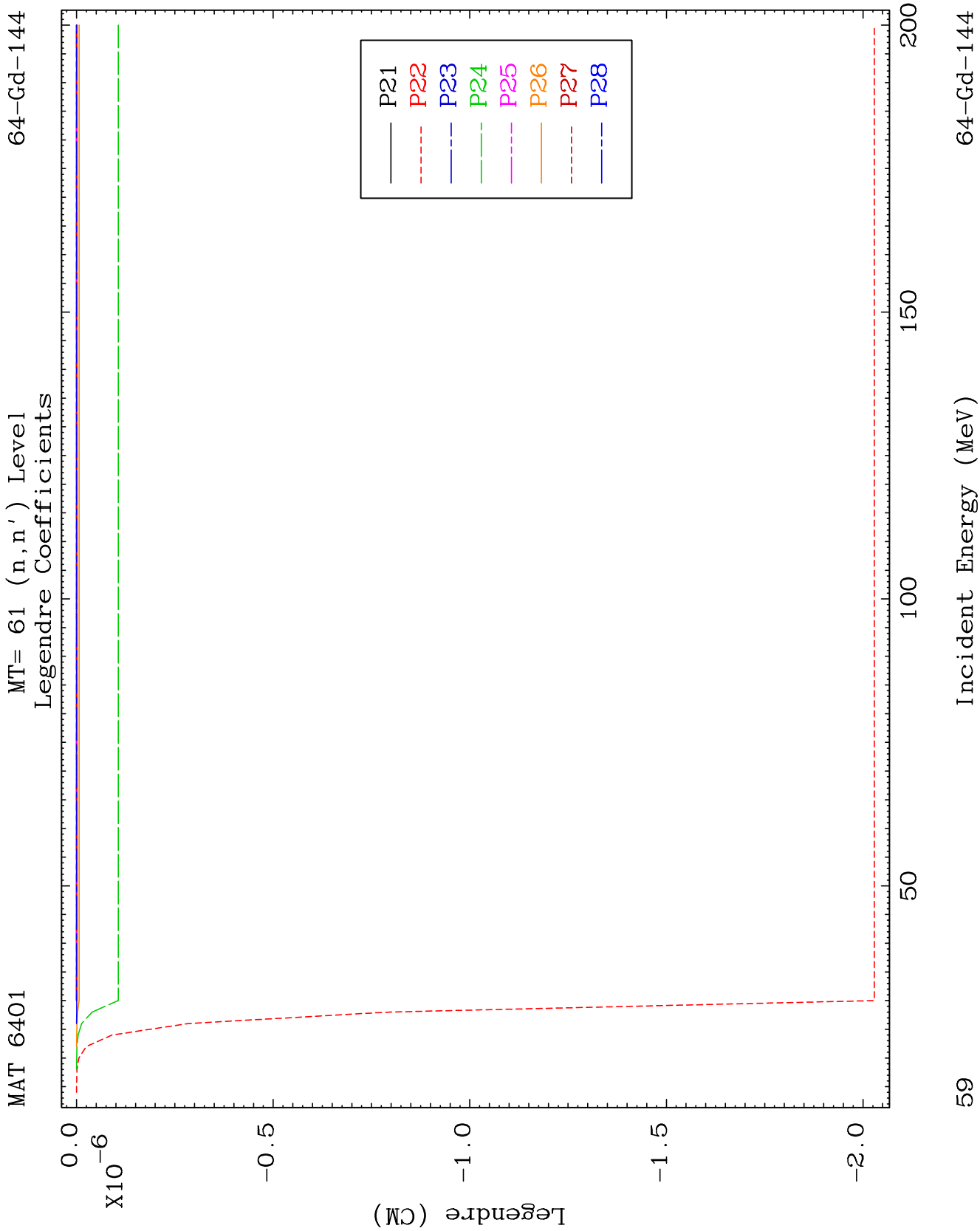
64-Gd-144



58

Incident Energy (MeV)

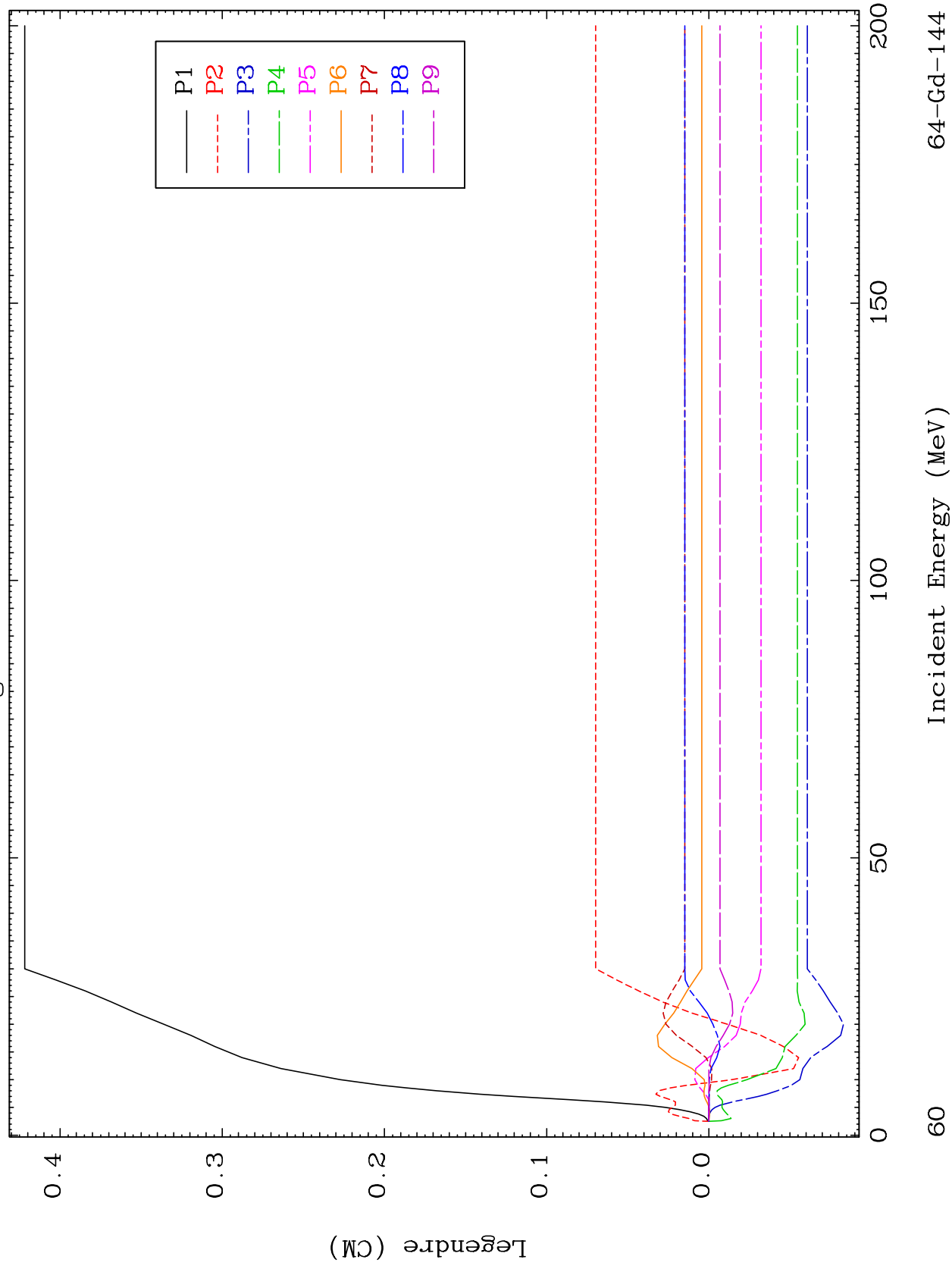
64-Gd-144



MAT 6401

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

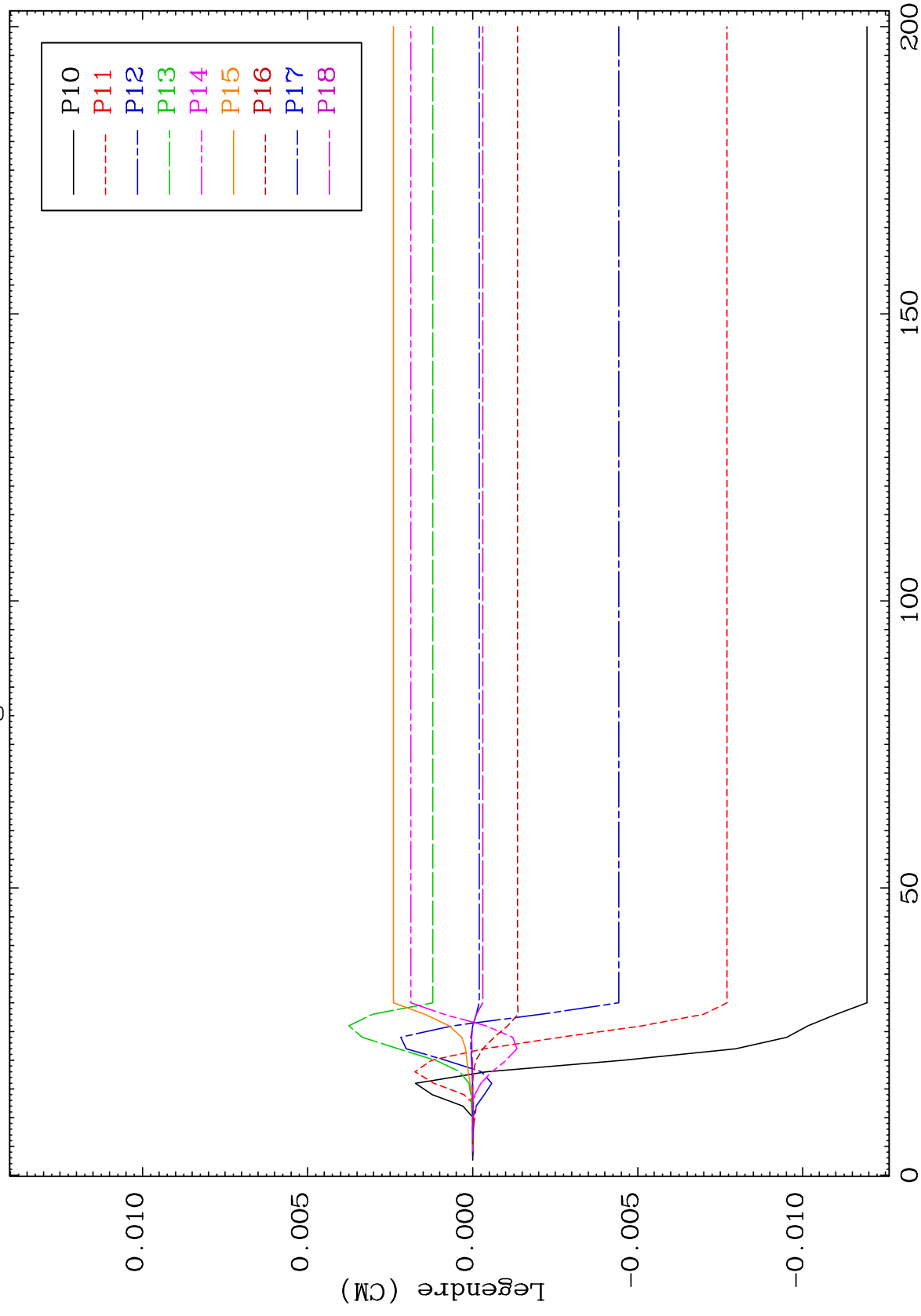
64-Gd-144



MAT 6401

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

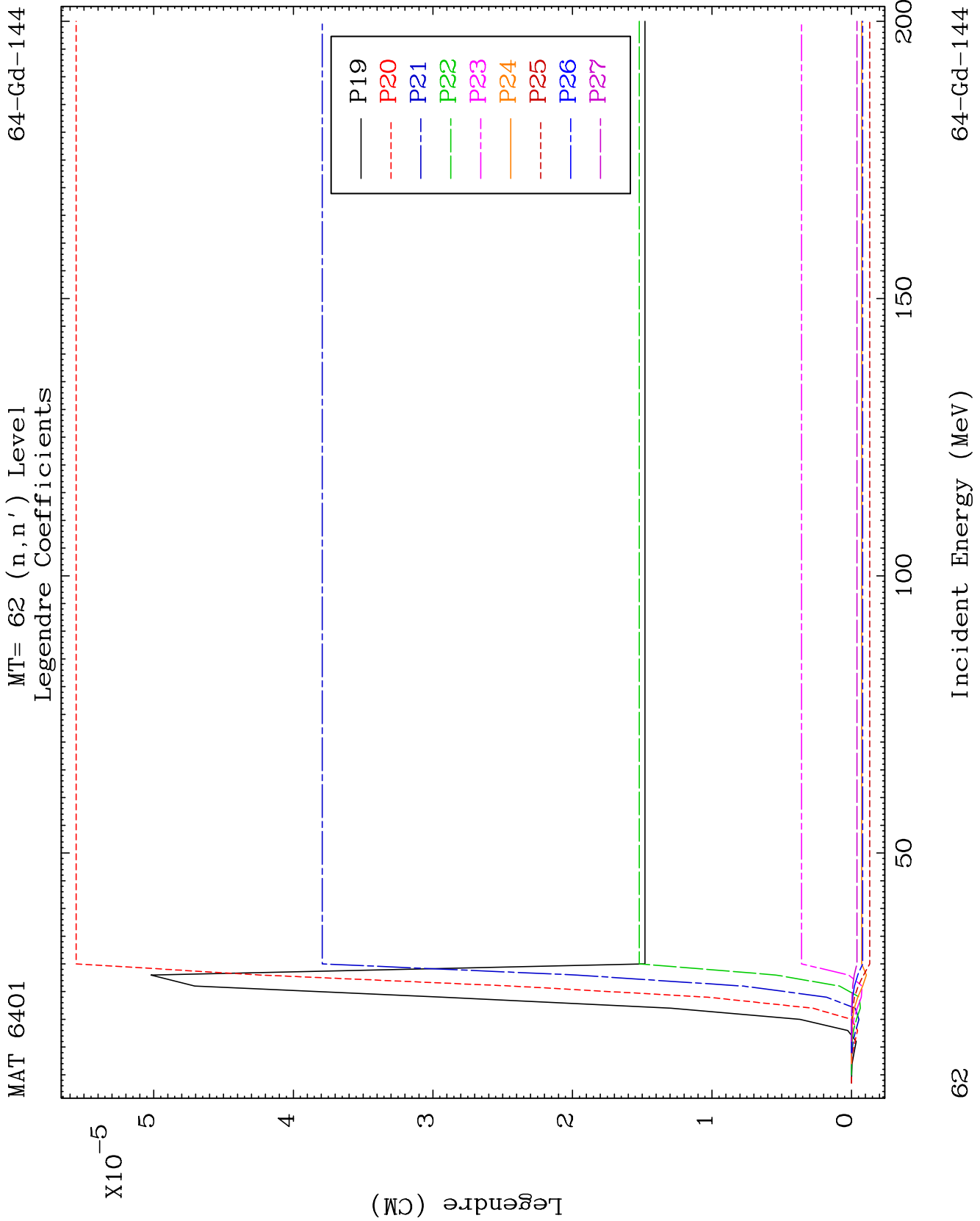
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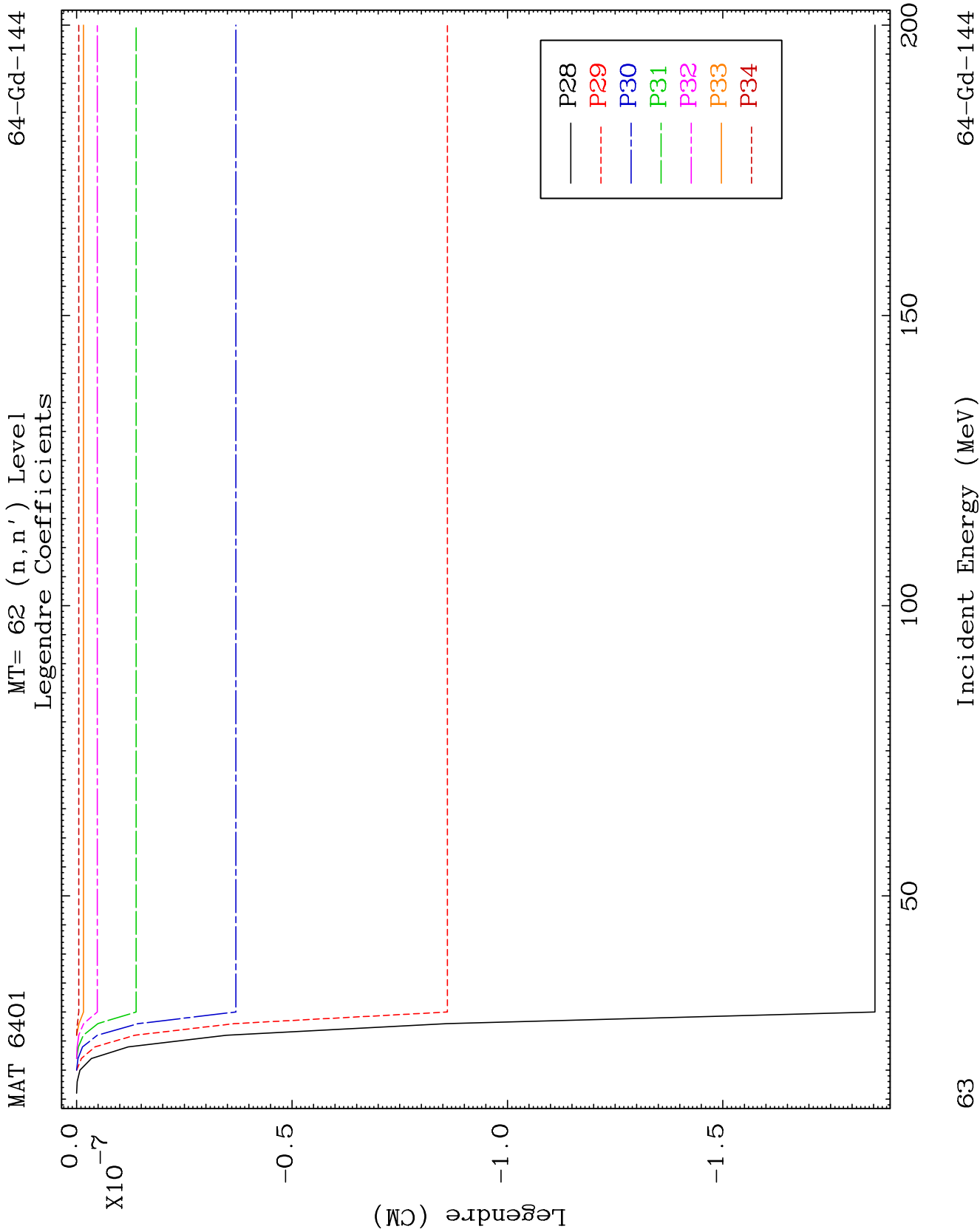


61

Incident Energy (MeV)

64-Gd-144

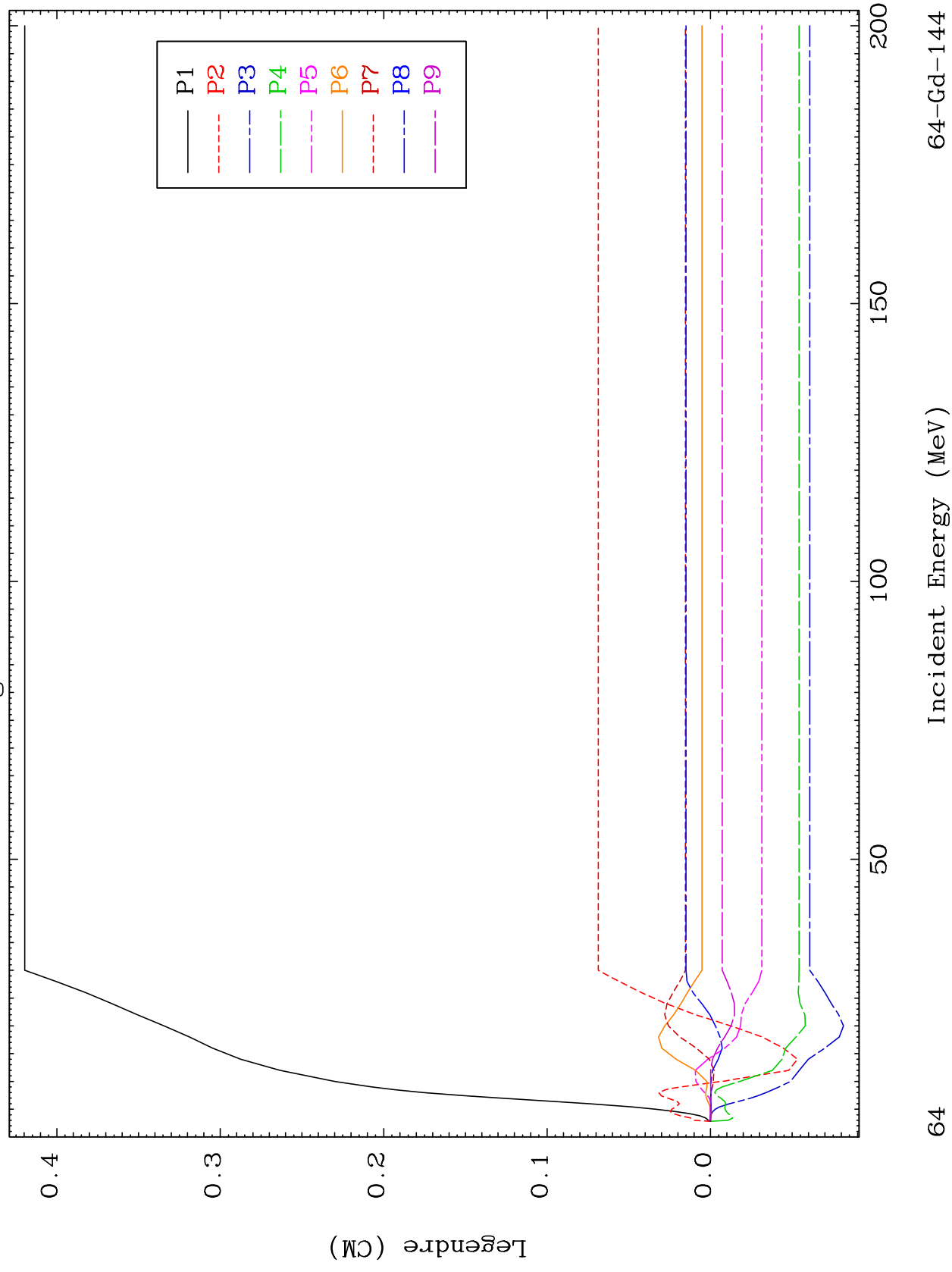




MAT 6401

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

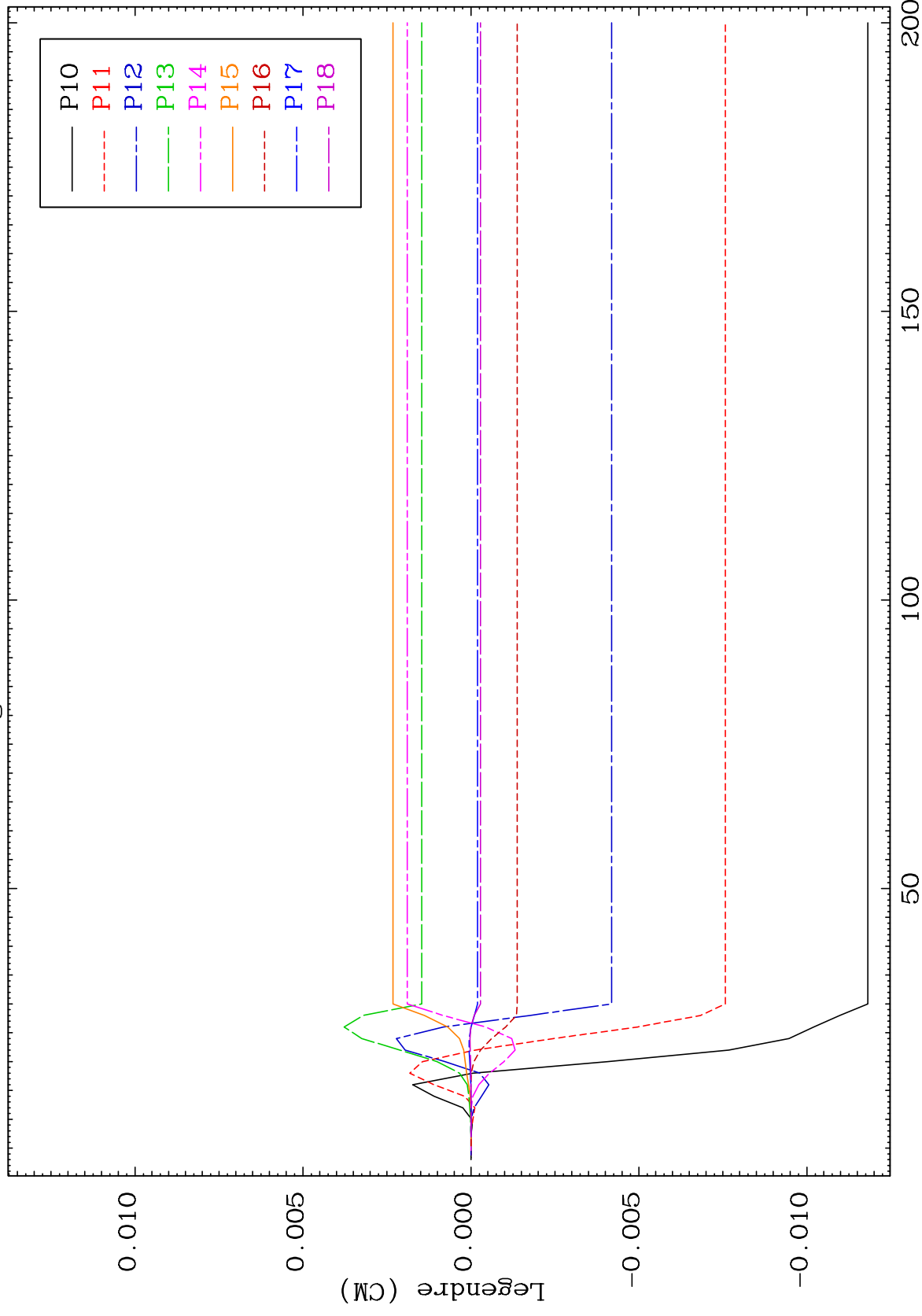
64-Gd-144



MAT 6401

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

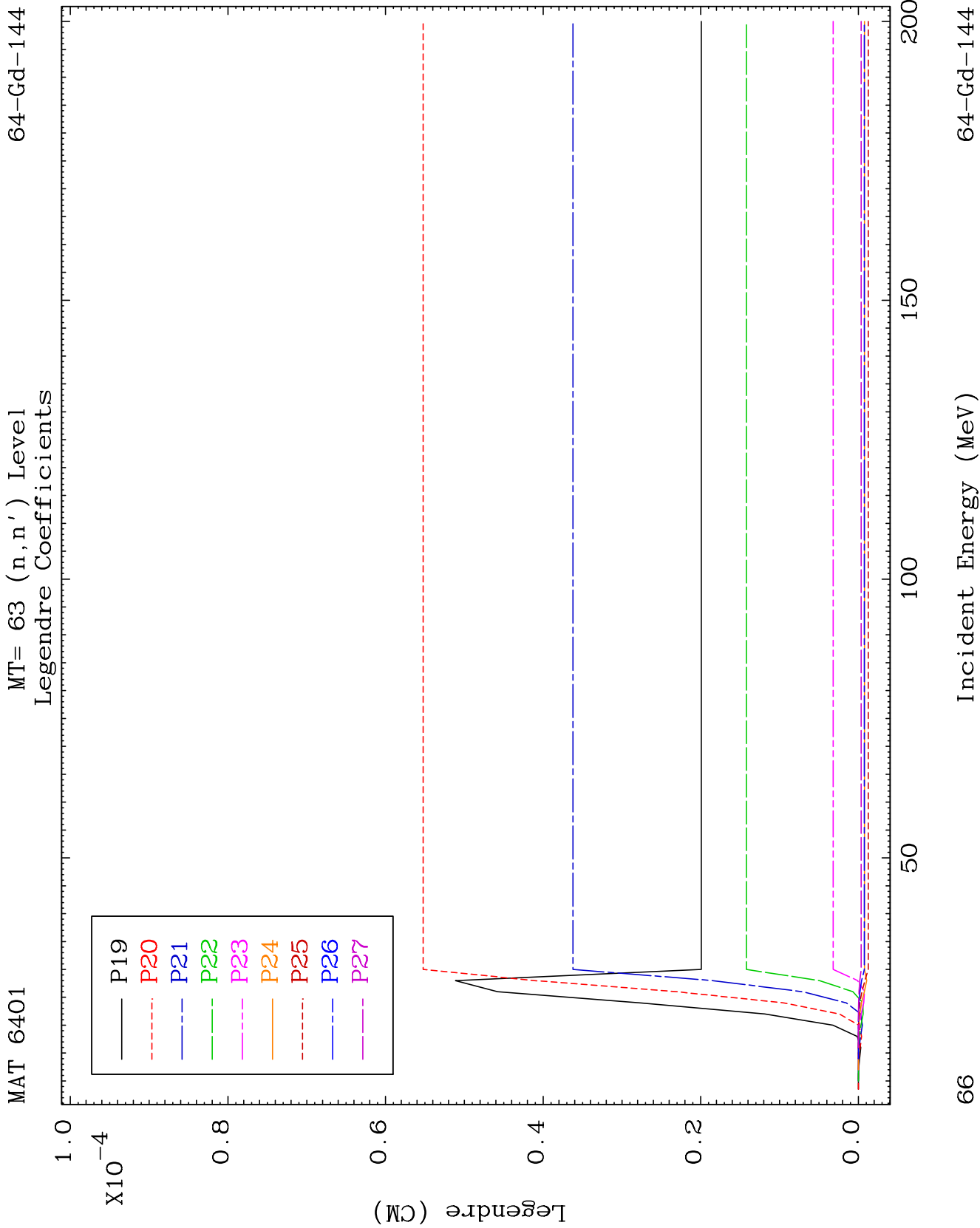
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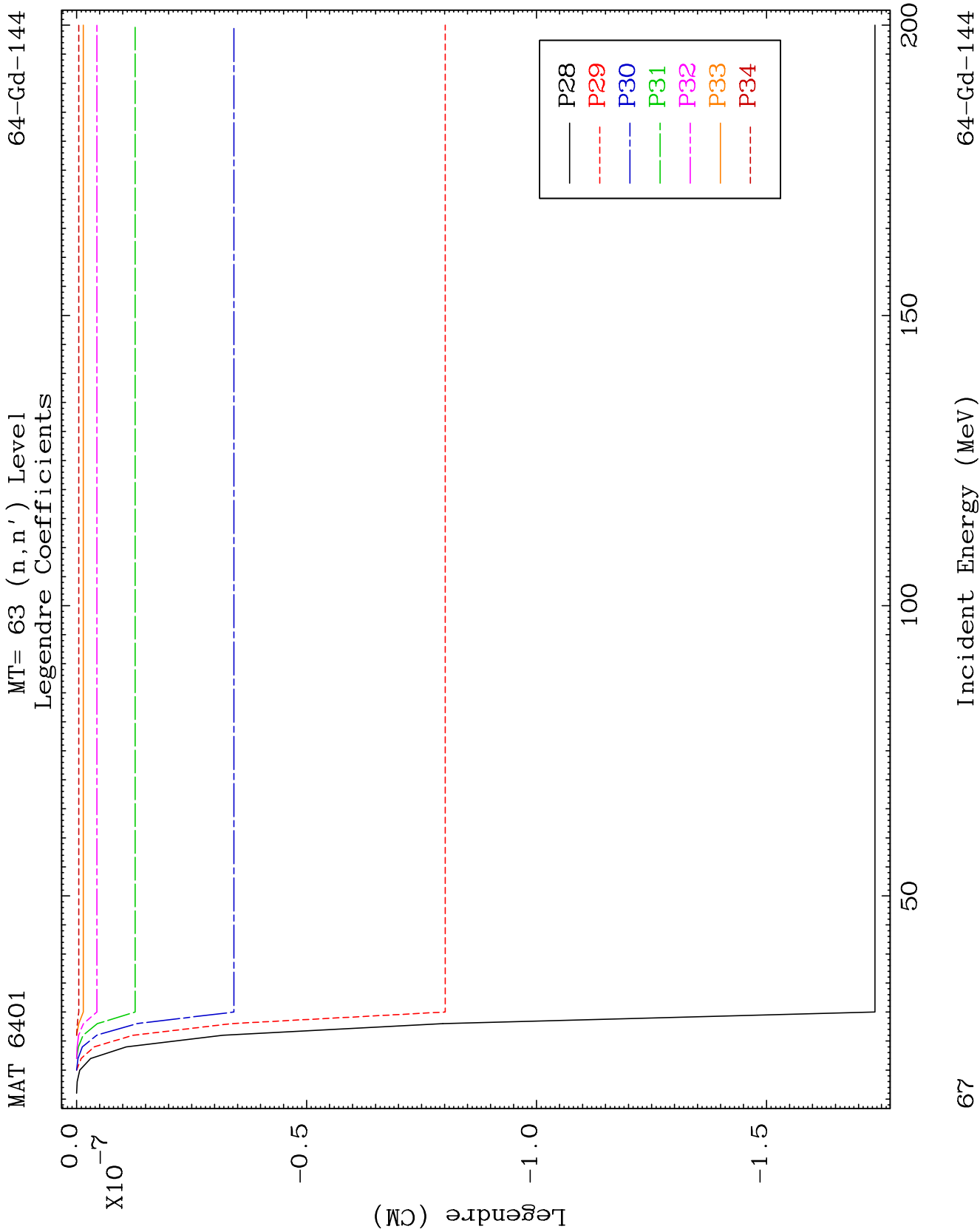


59

Incident Energy (MeV)

64-Gd-144

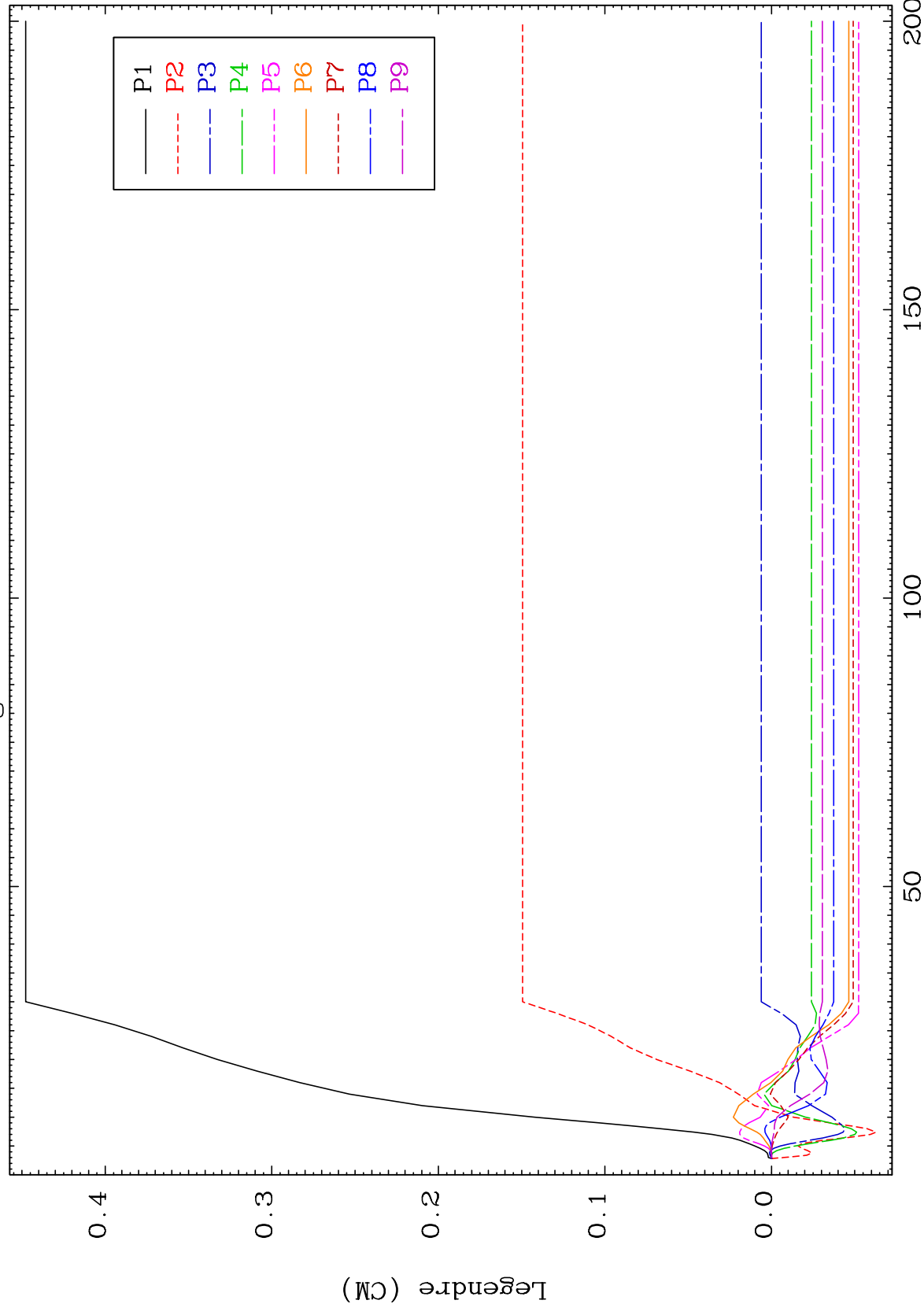




MAT 6401

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

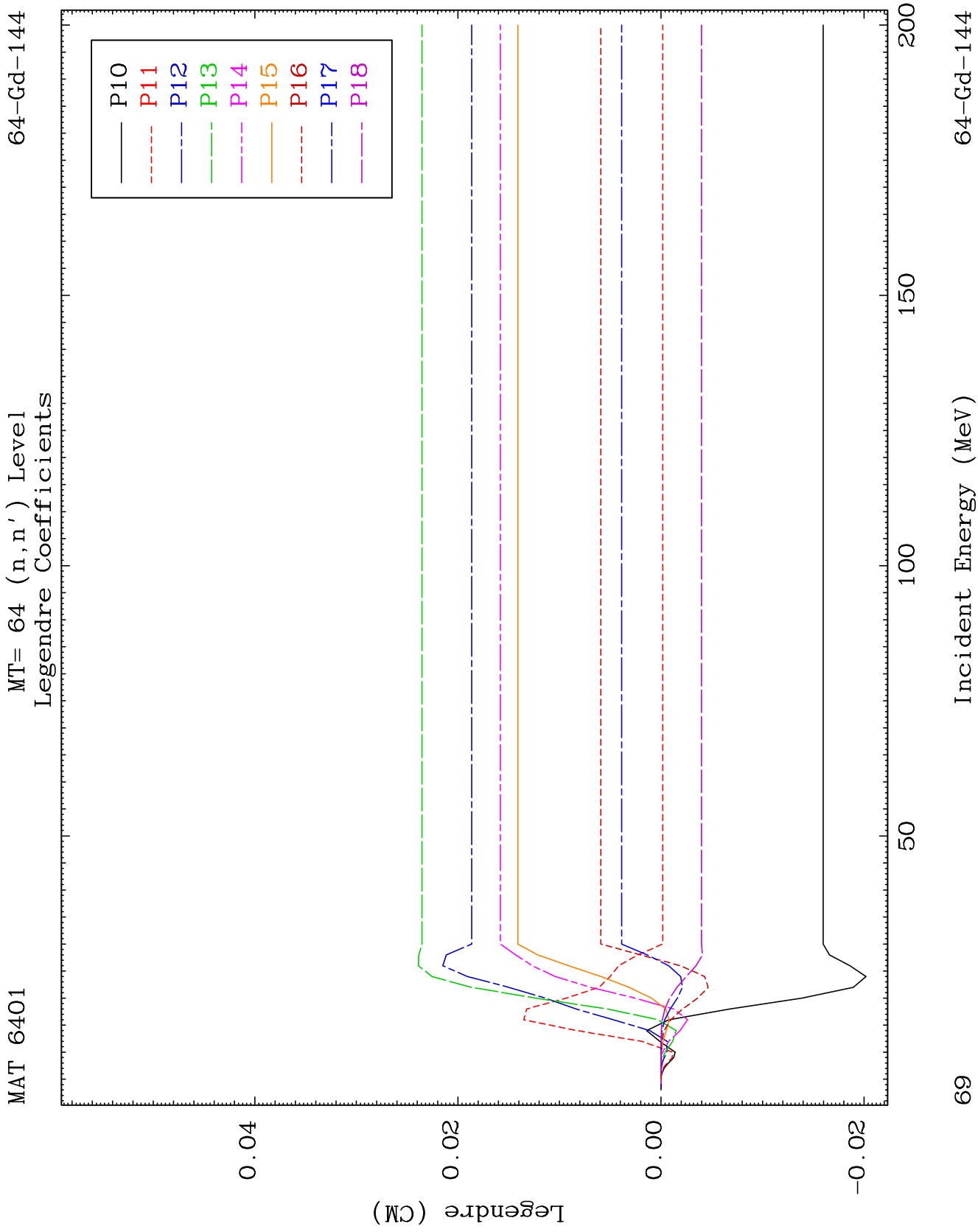
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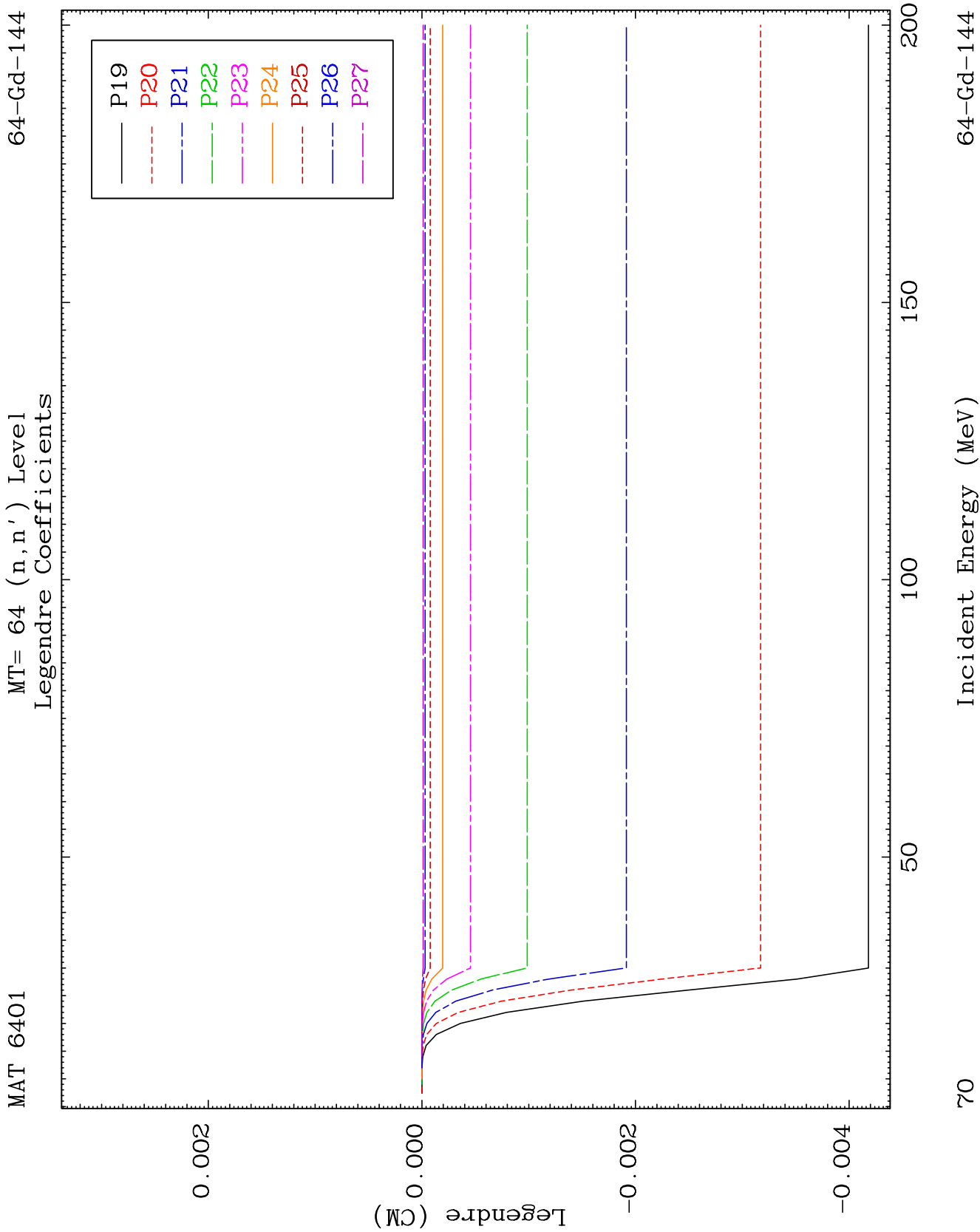


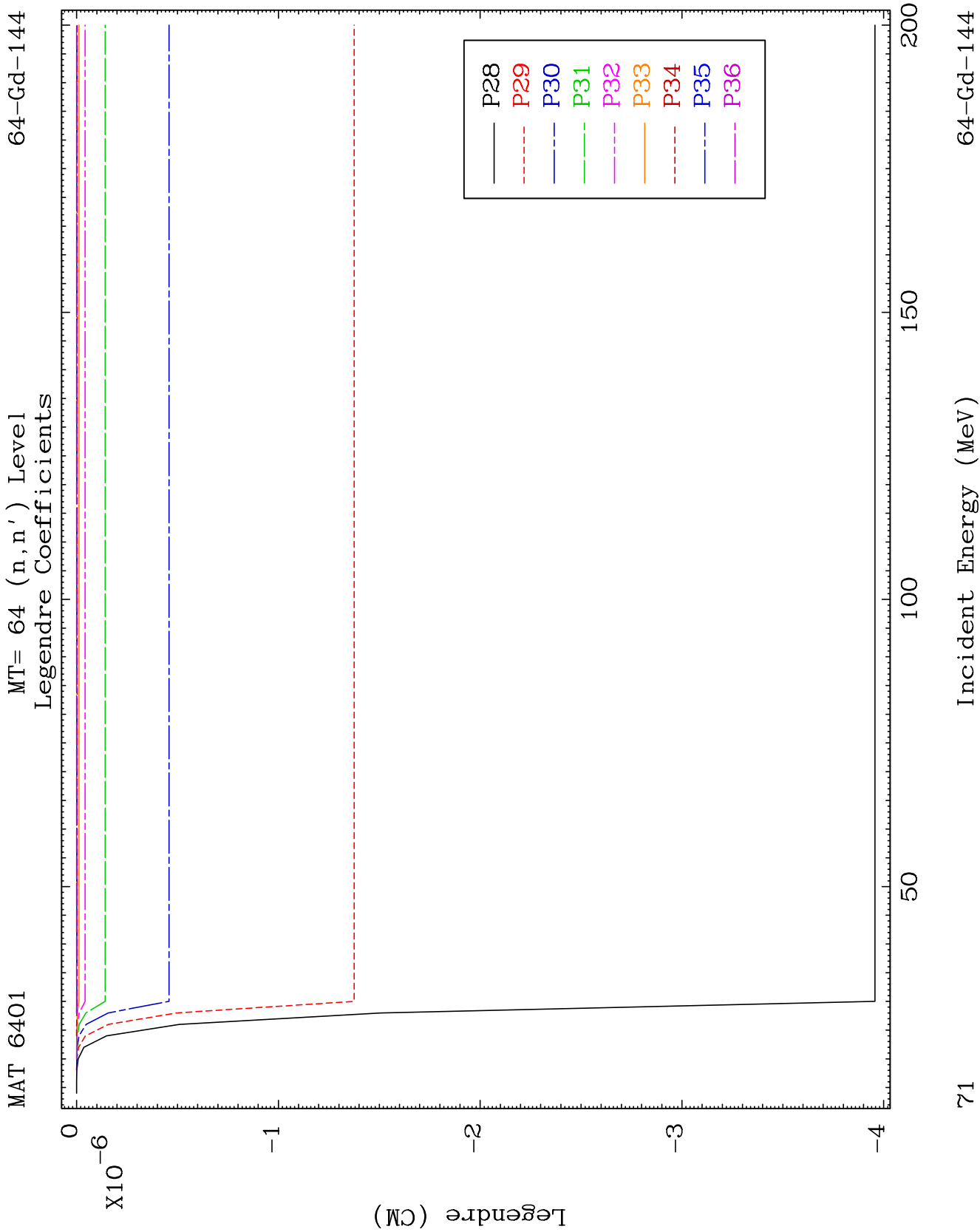
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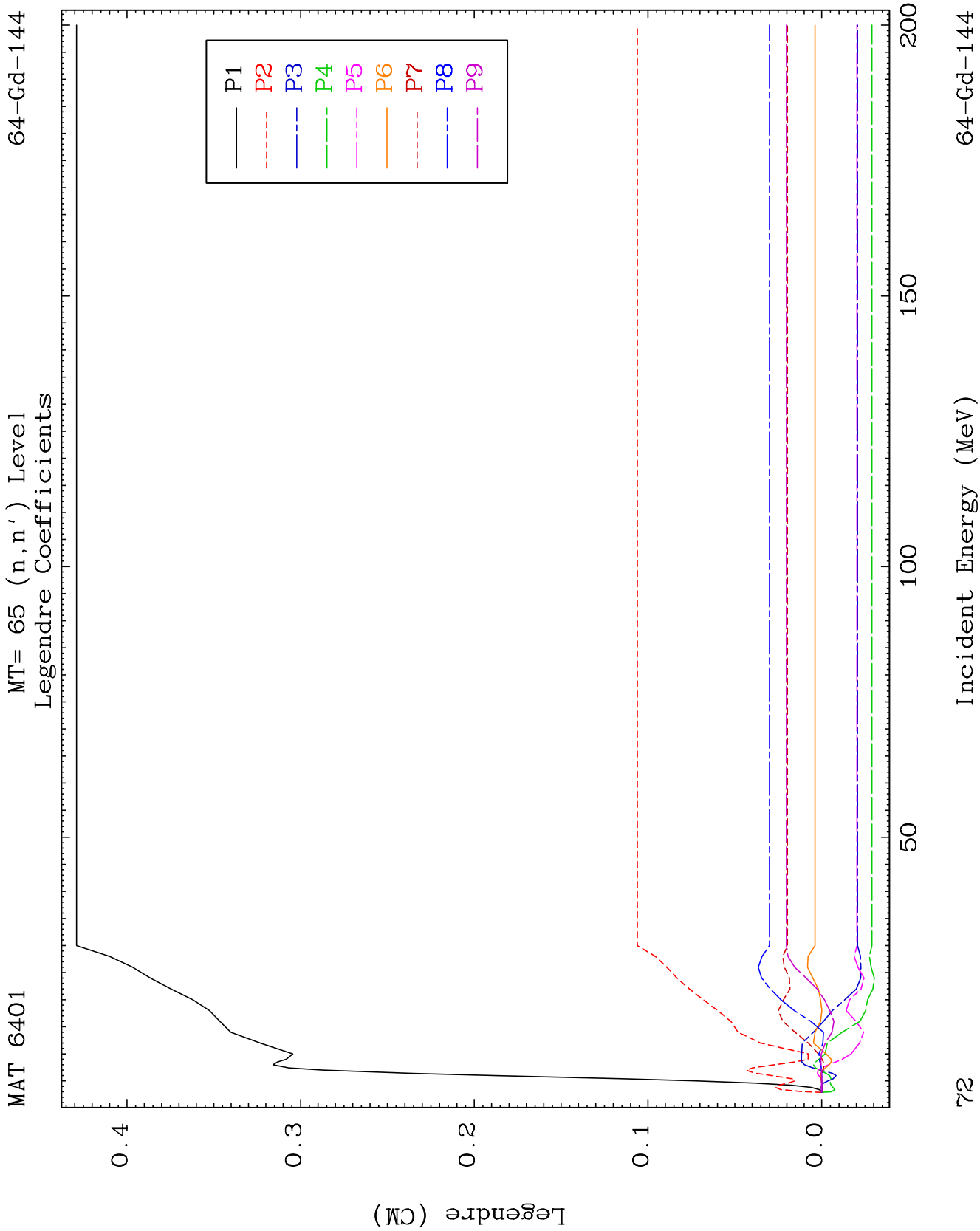
Incident Energy (MeV)

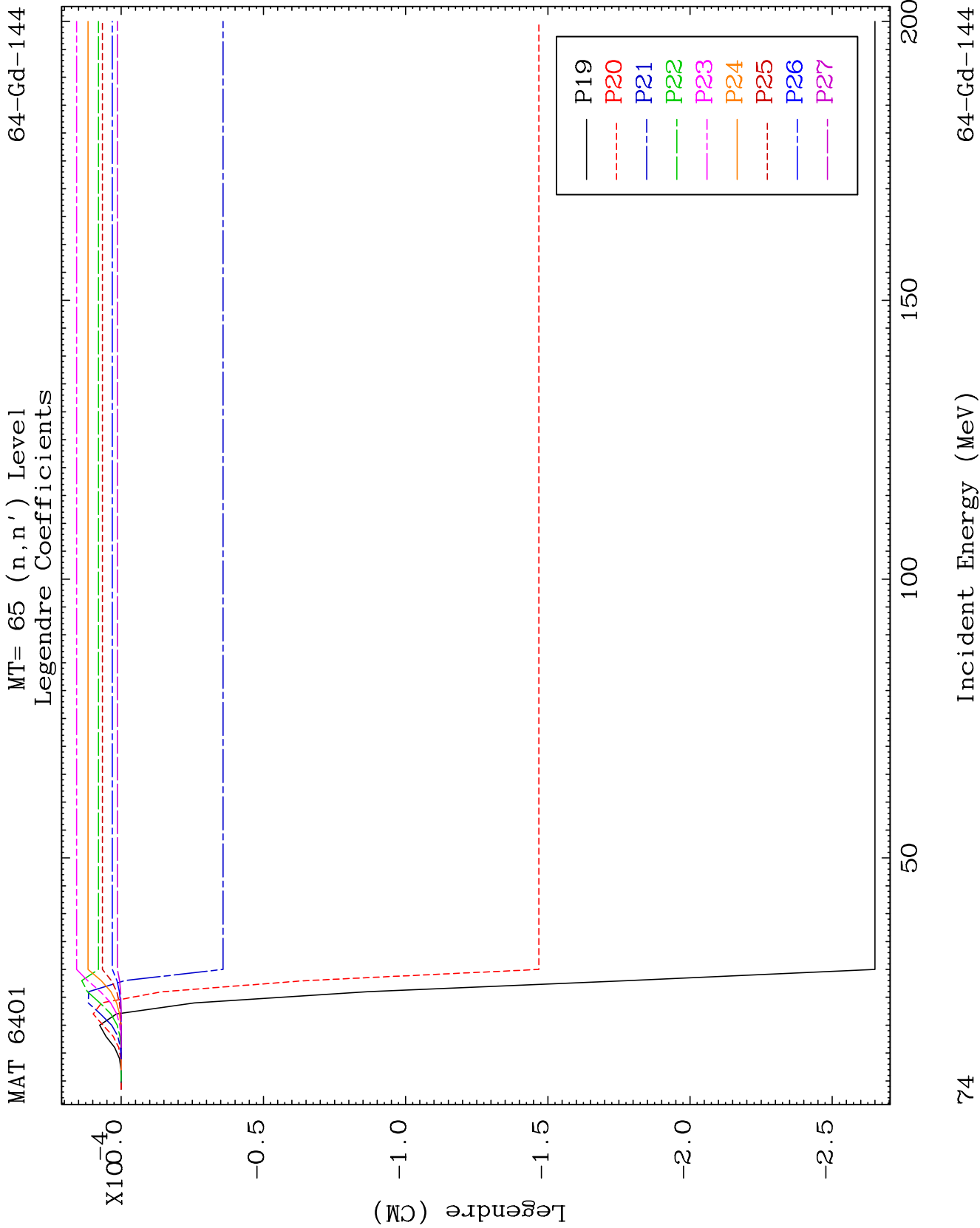
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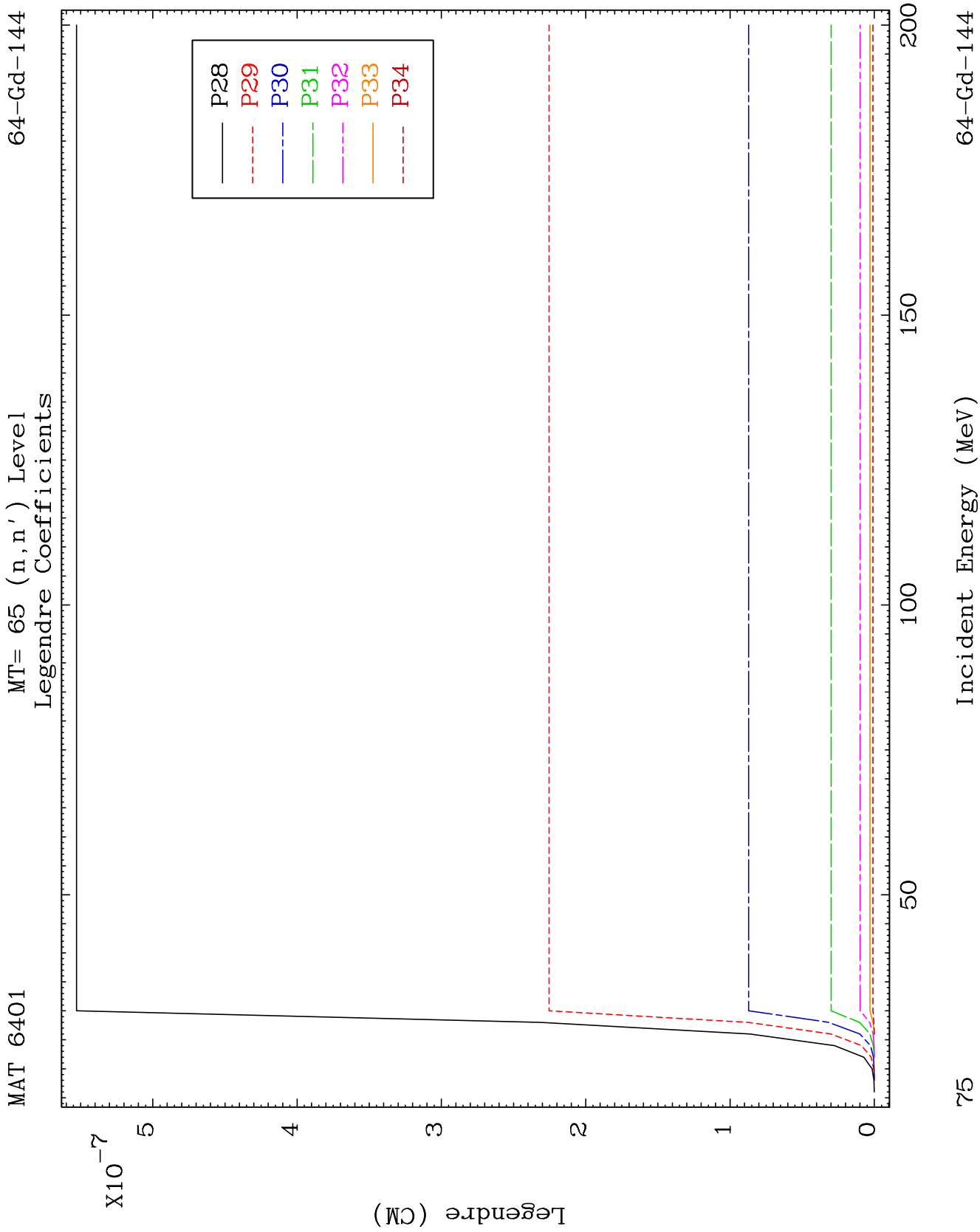


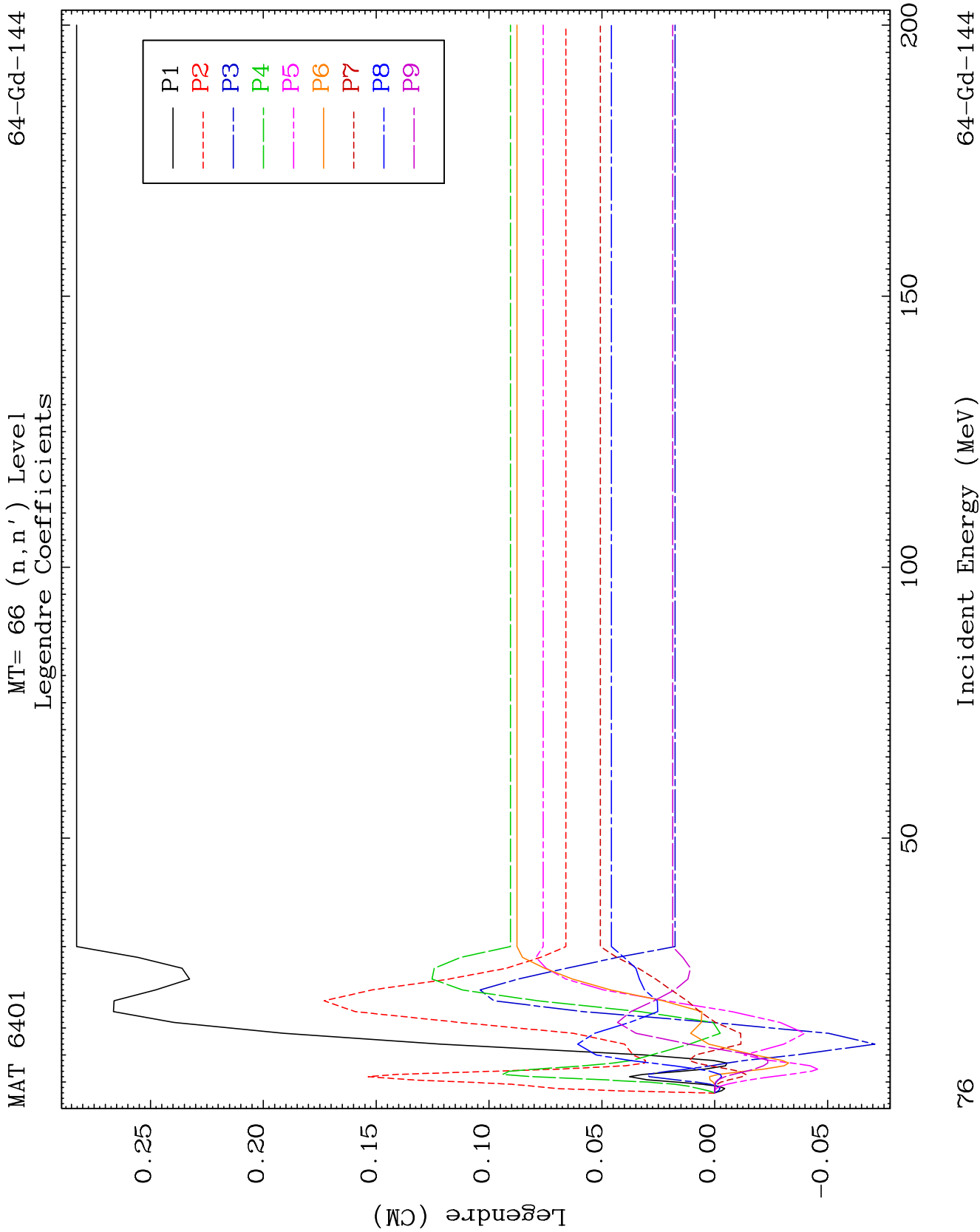








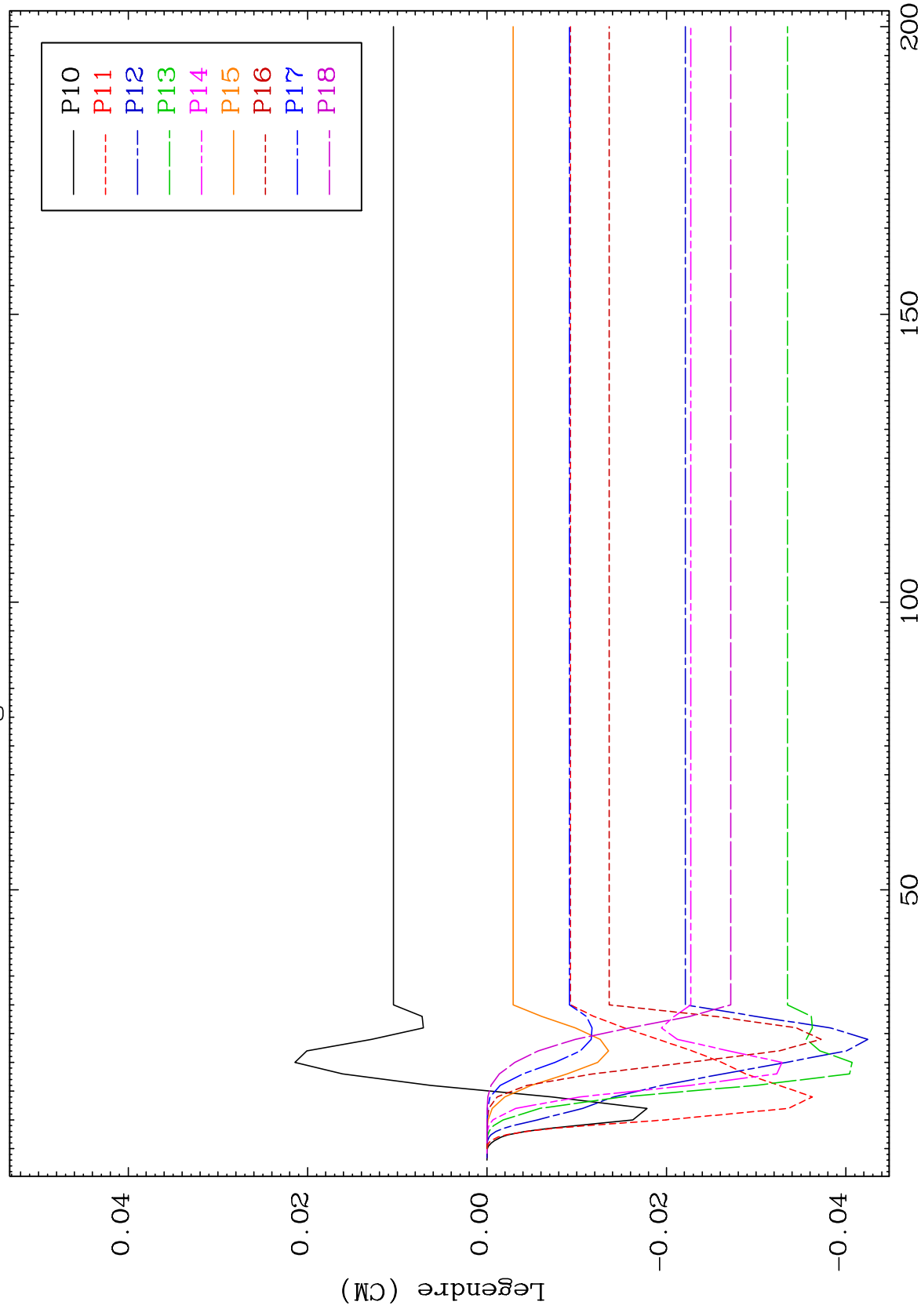




MAT 6401

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

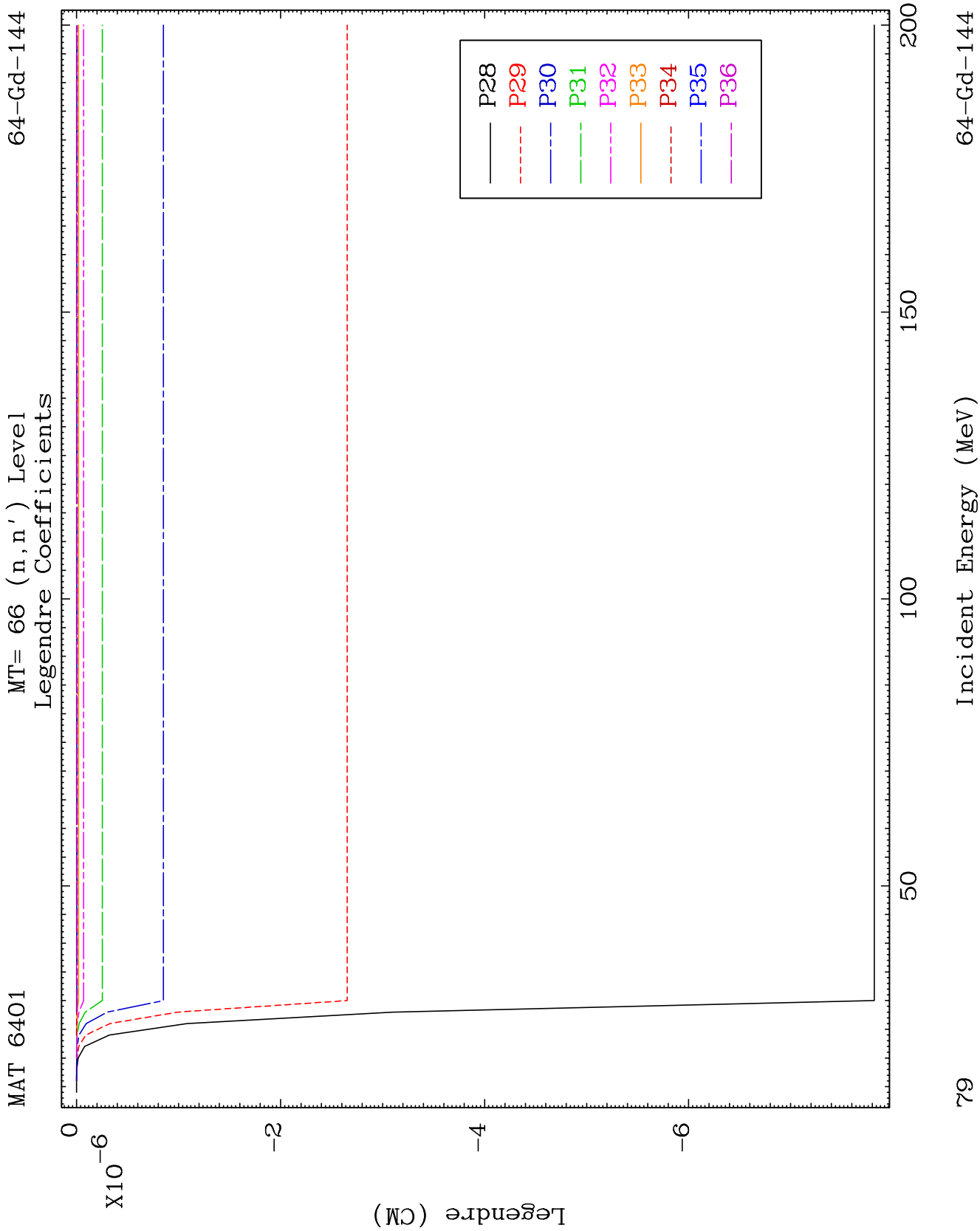
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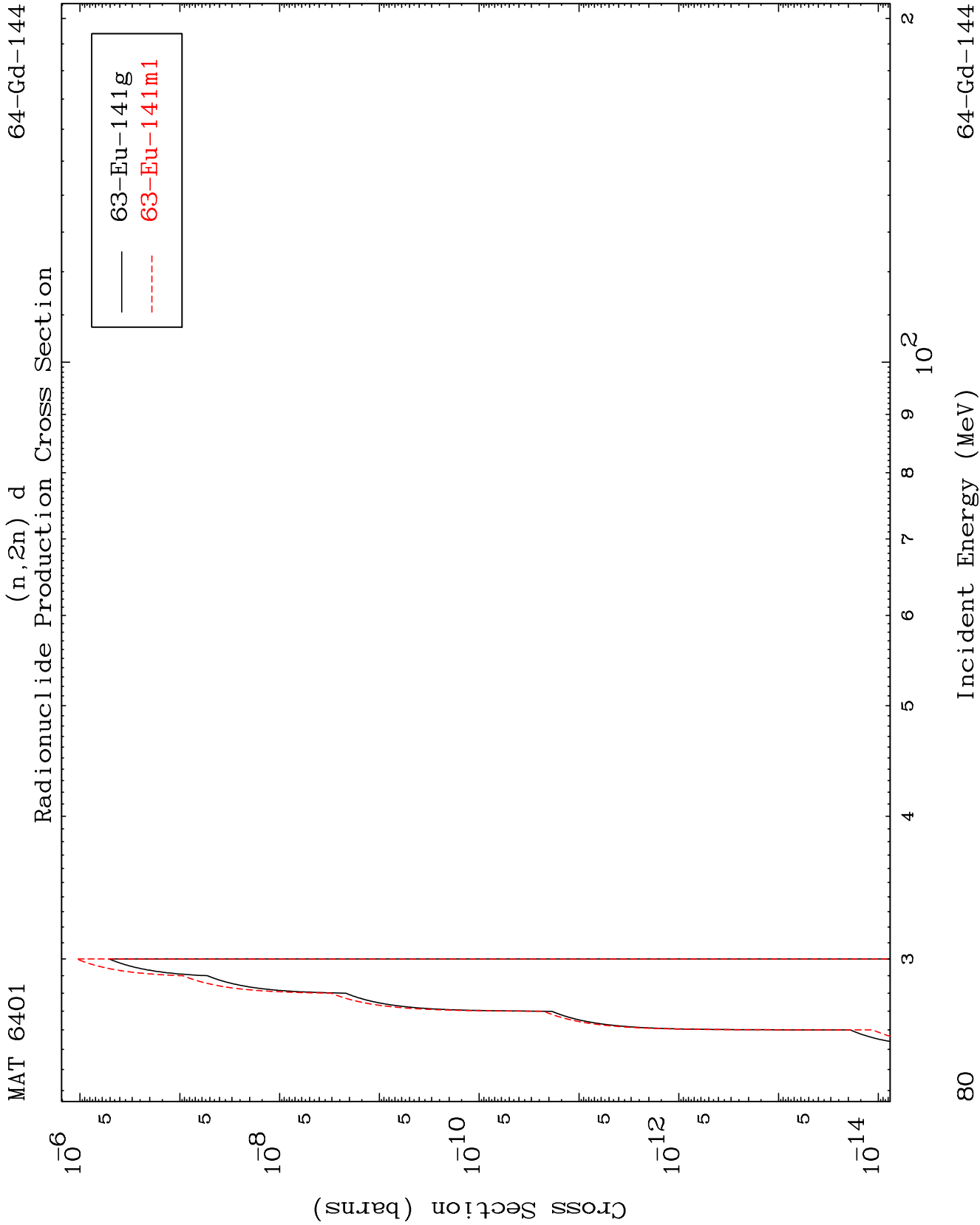


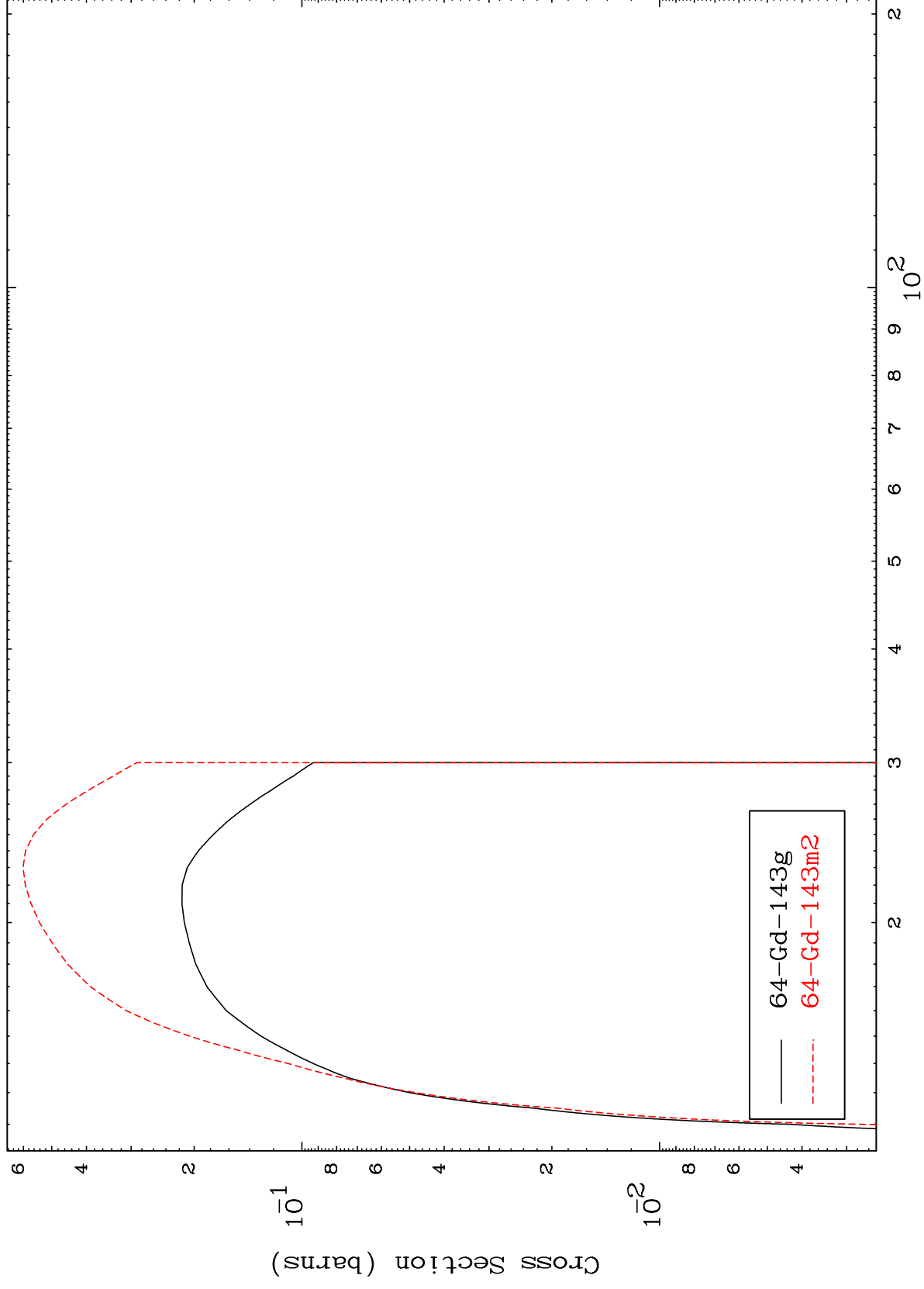
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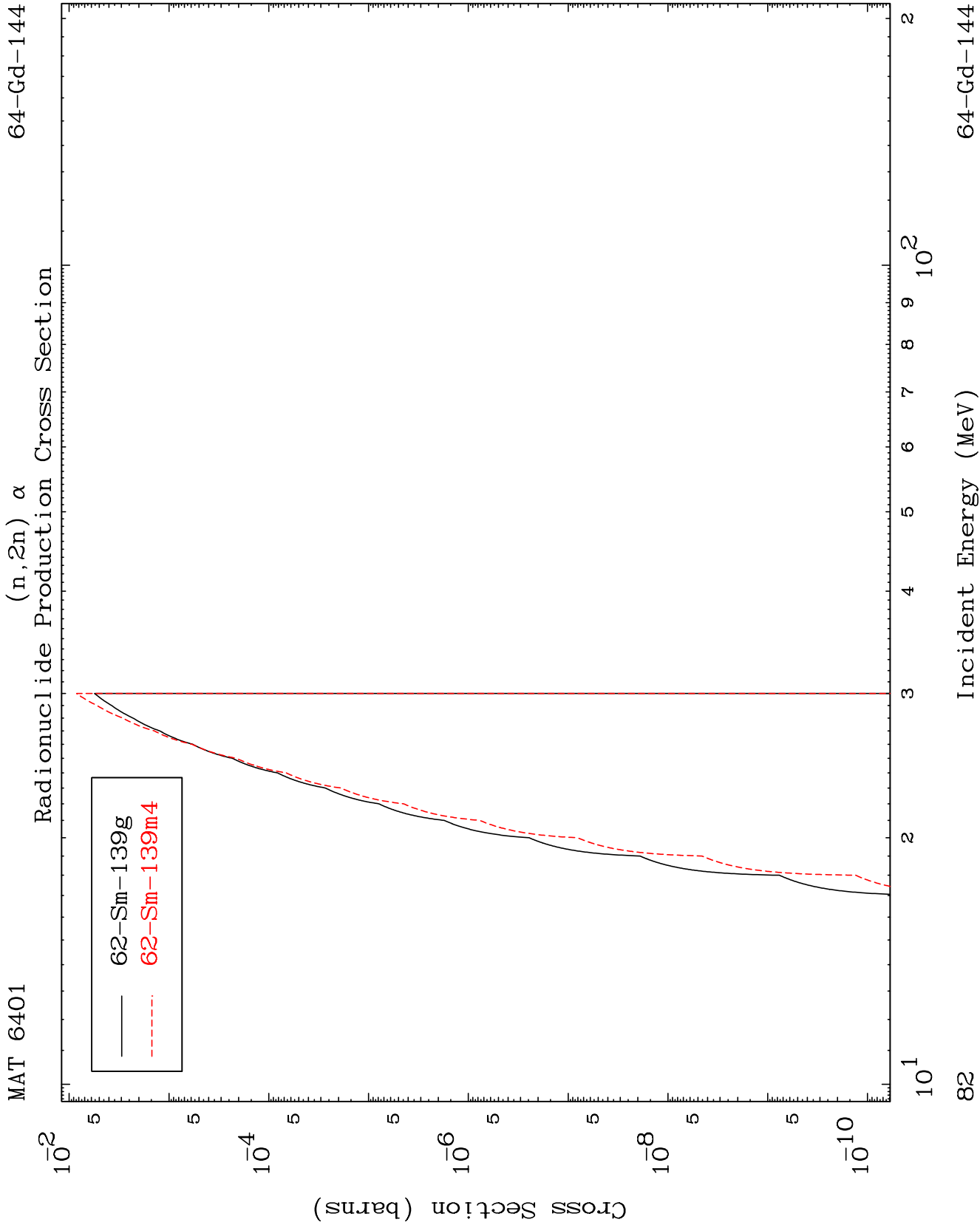
Incident Energy (MeV)

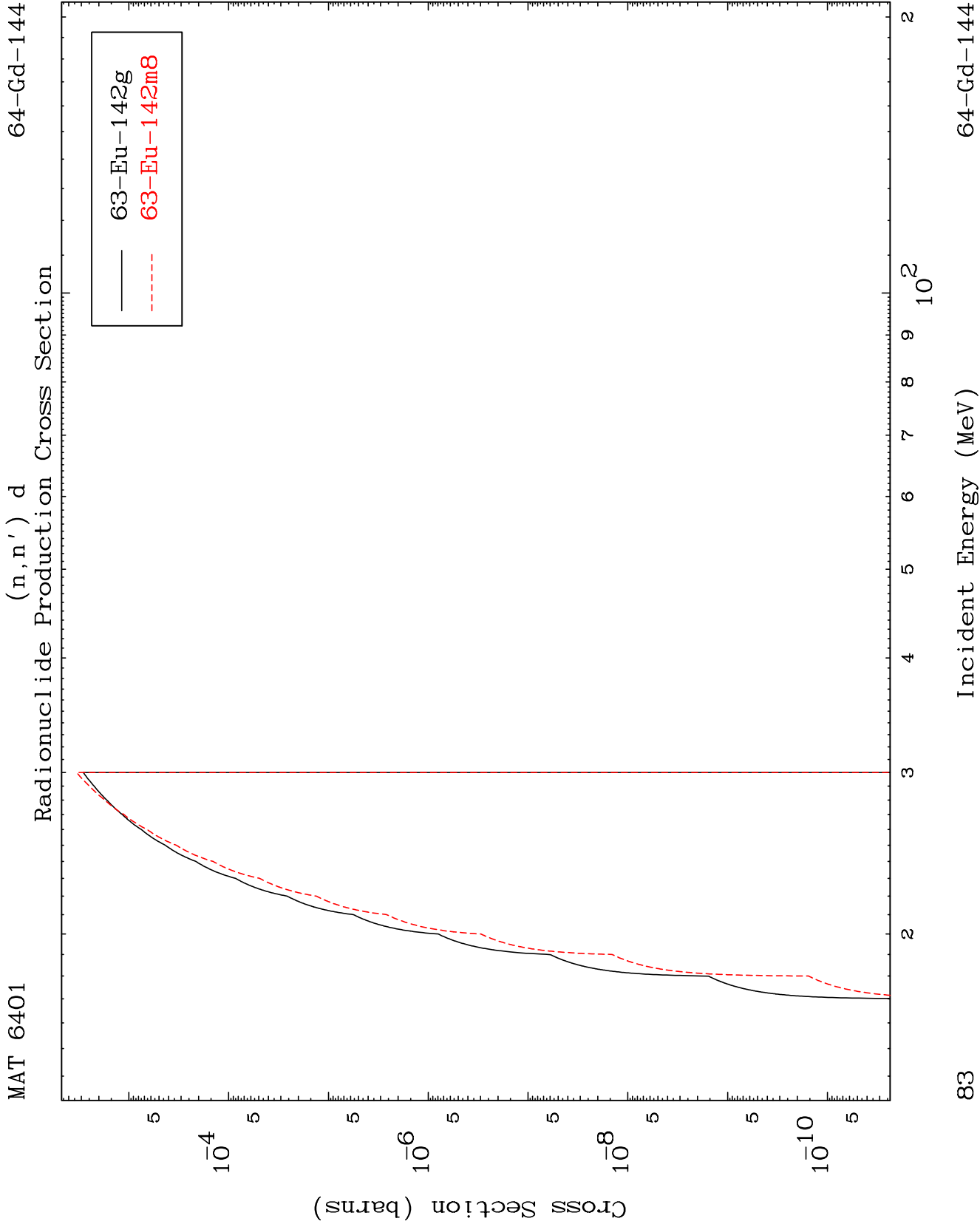
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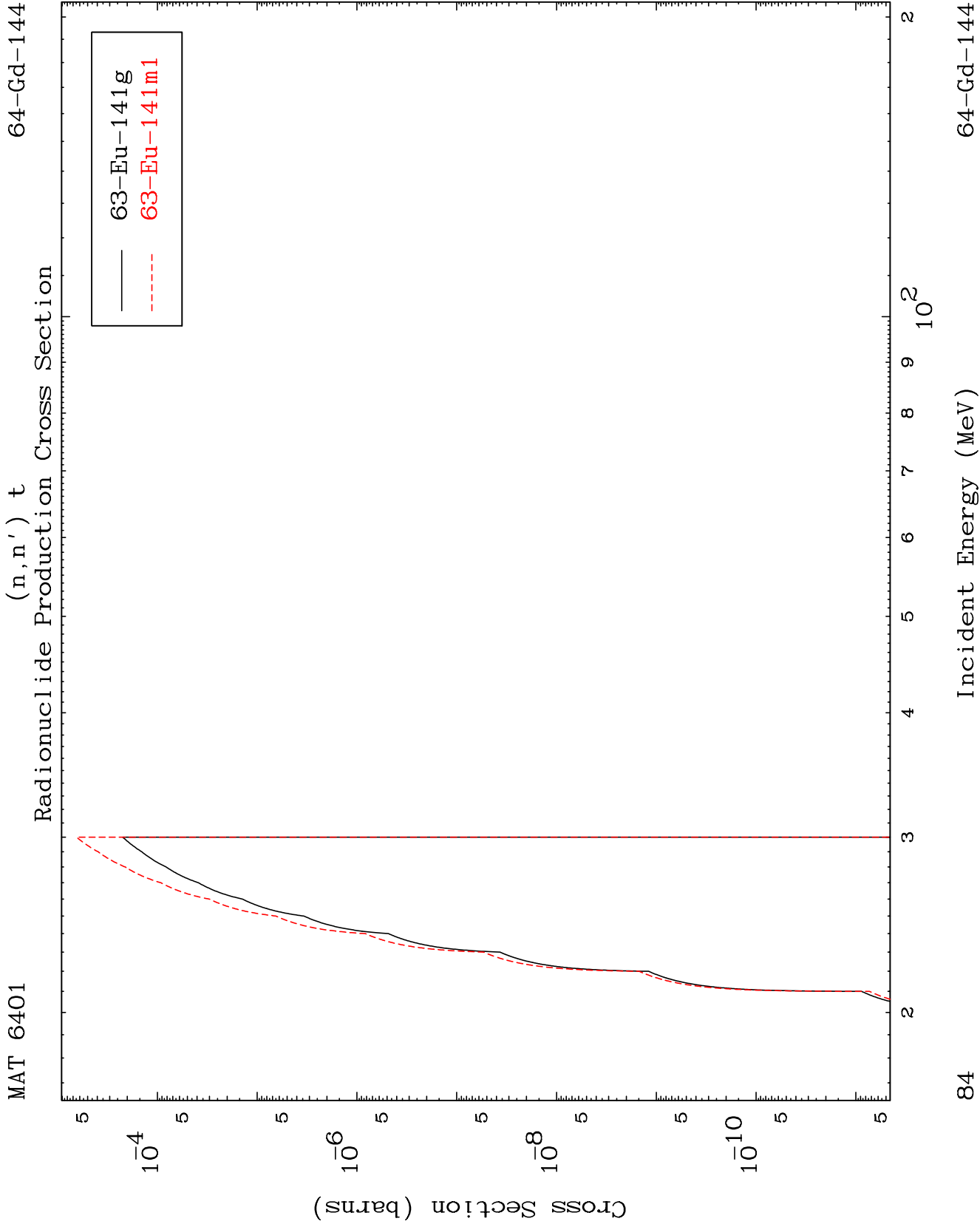




(n,2n)
Radionuclide Production Cross Section





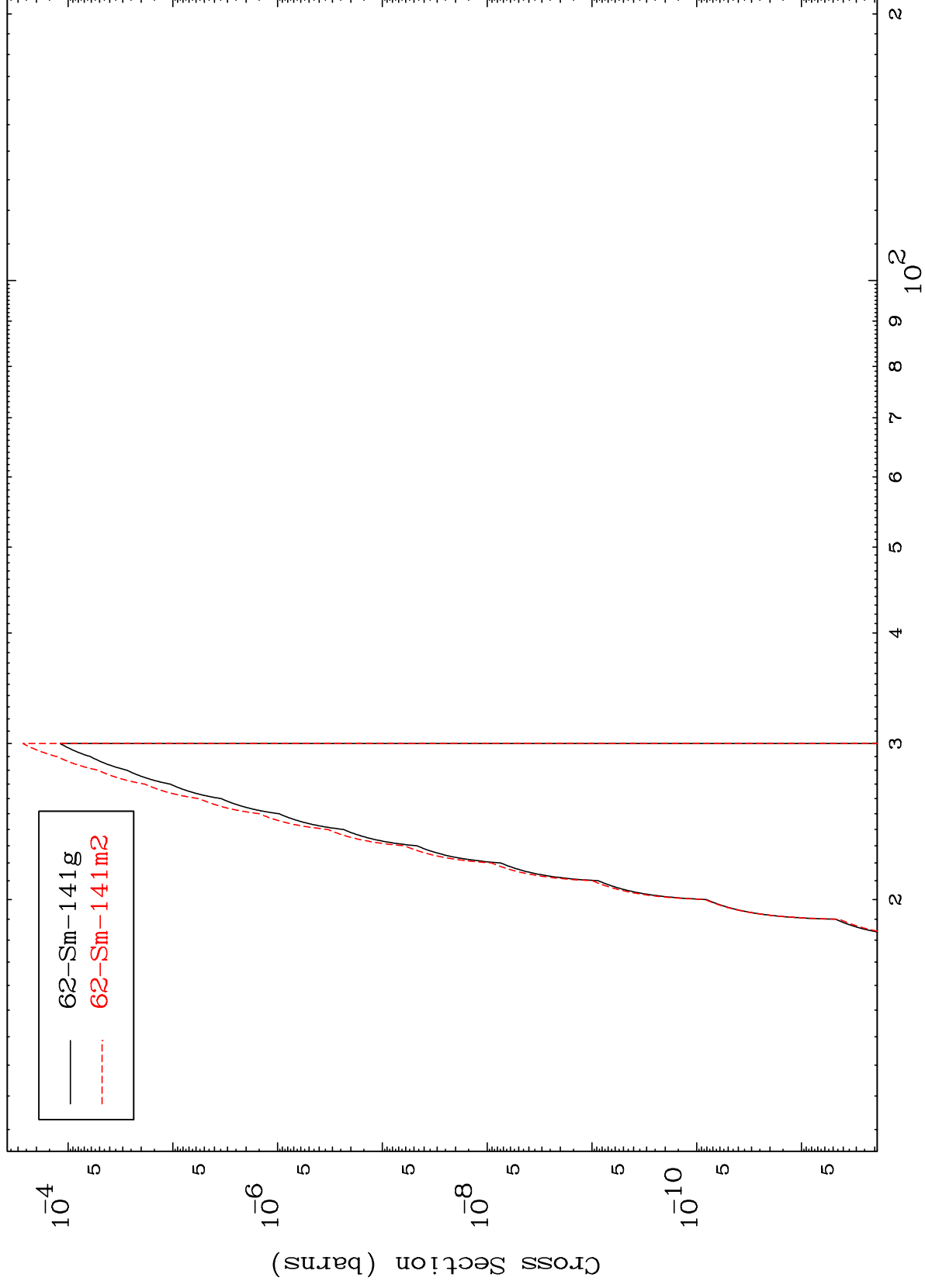


MAT 6401

(n,n') He-3

64-Gd-144

Radionuclide Production Cross Section

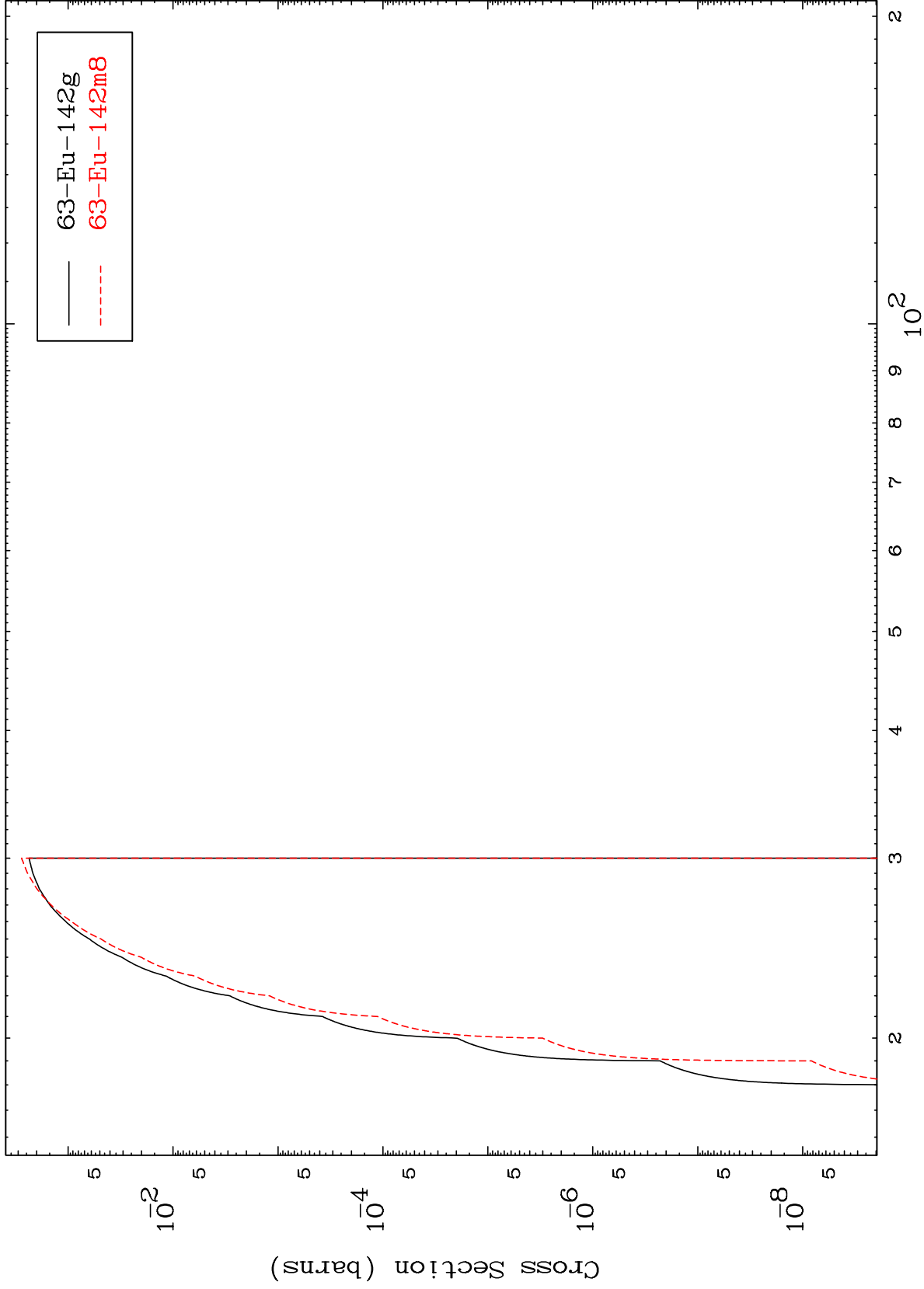


85

Incident Energy (MeV)

64-Gd-144

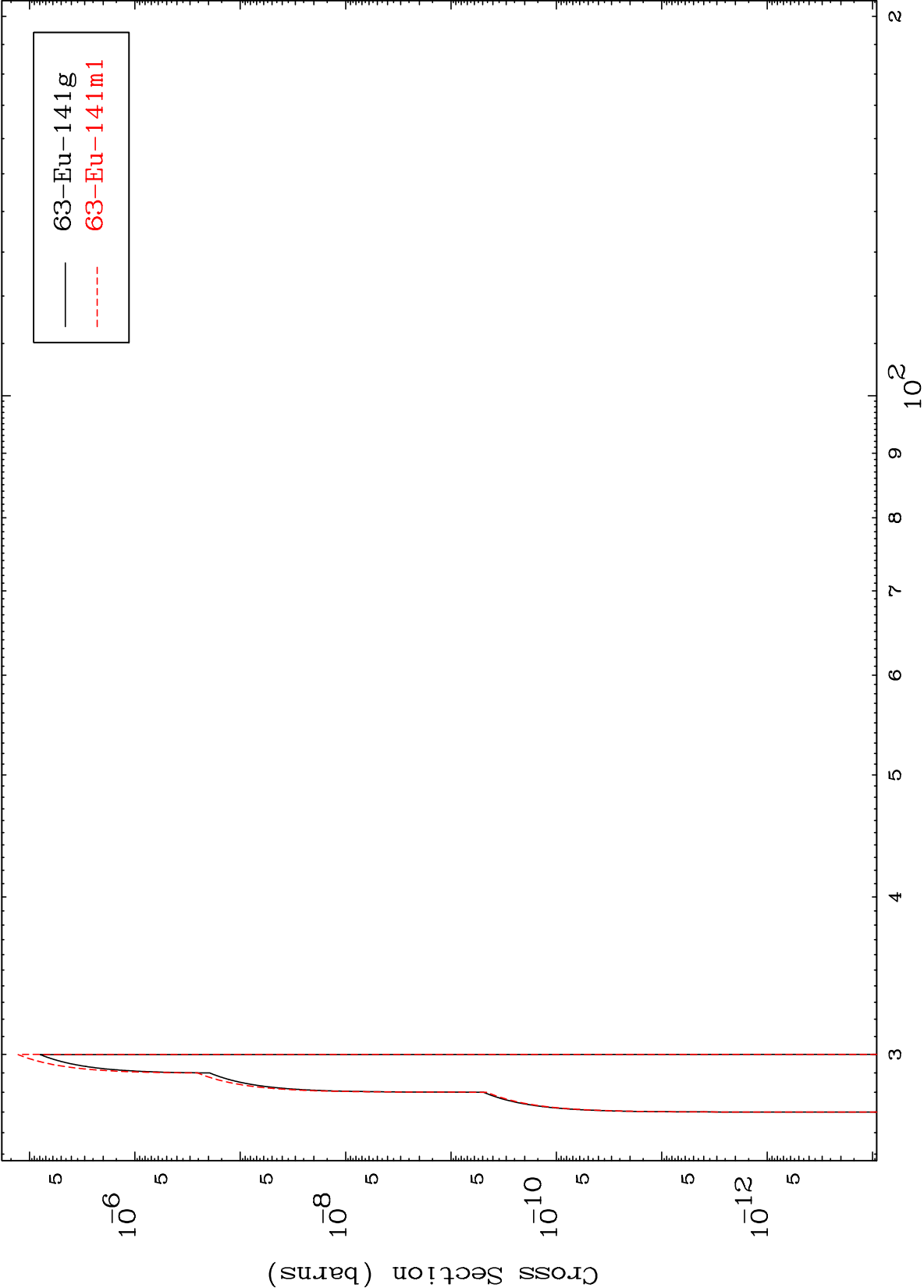
(n,2n) p
Radionuclide Production Cross Section



MAT 6401

64-Gd-144

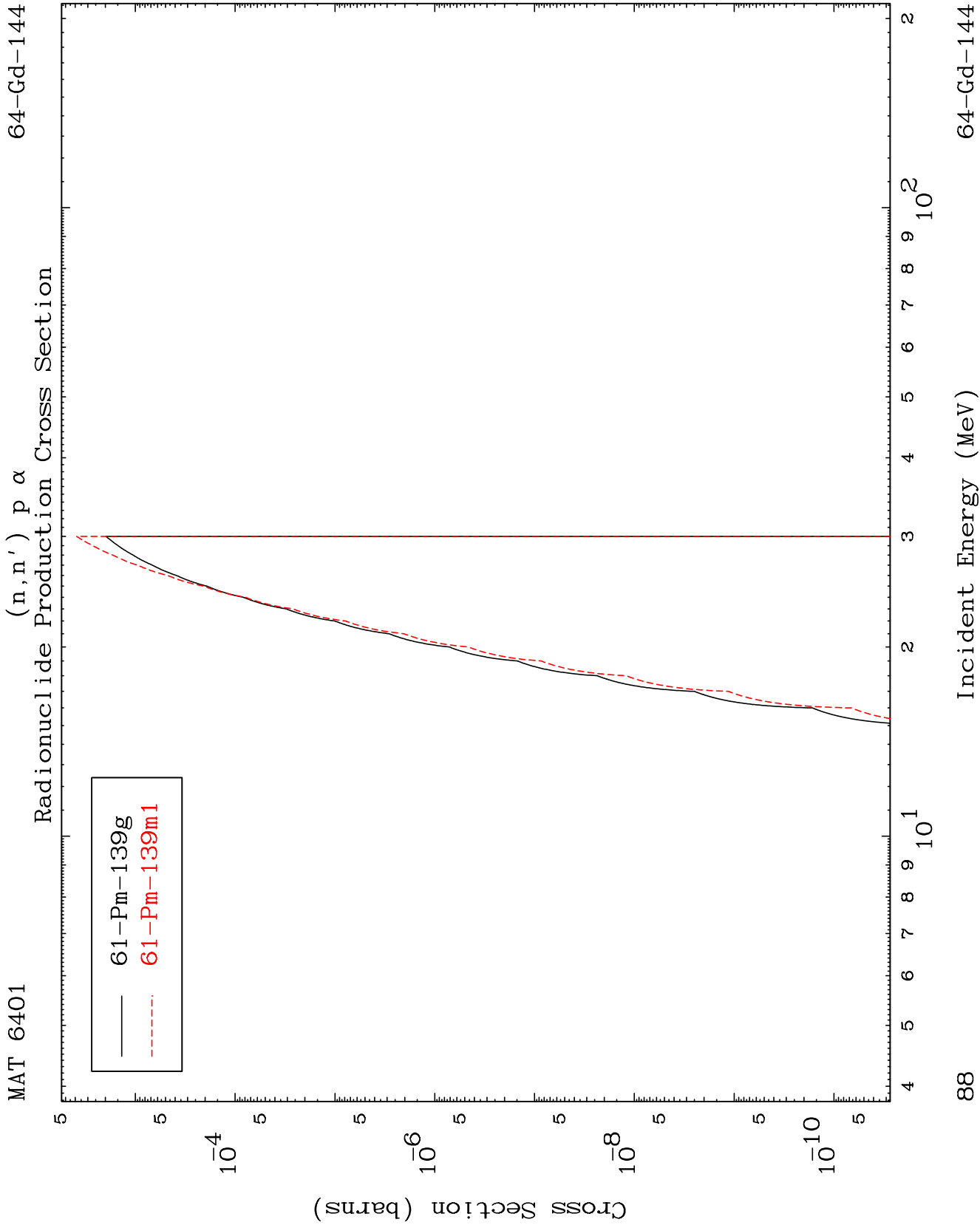
(n,3n) p
Radionuclide Production Cross Section

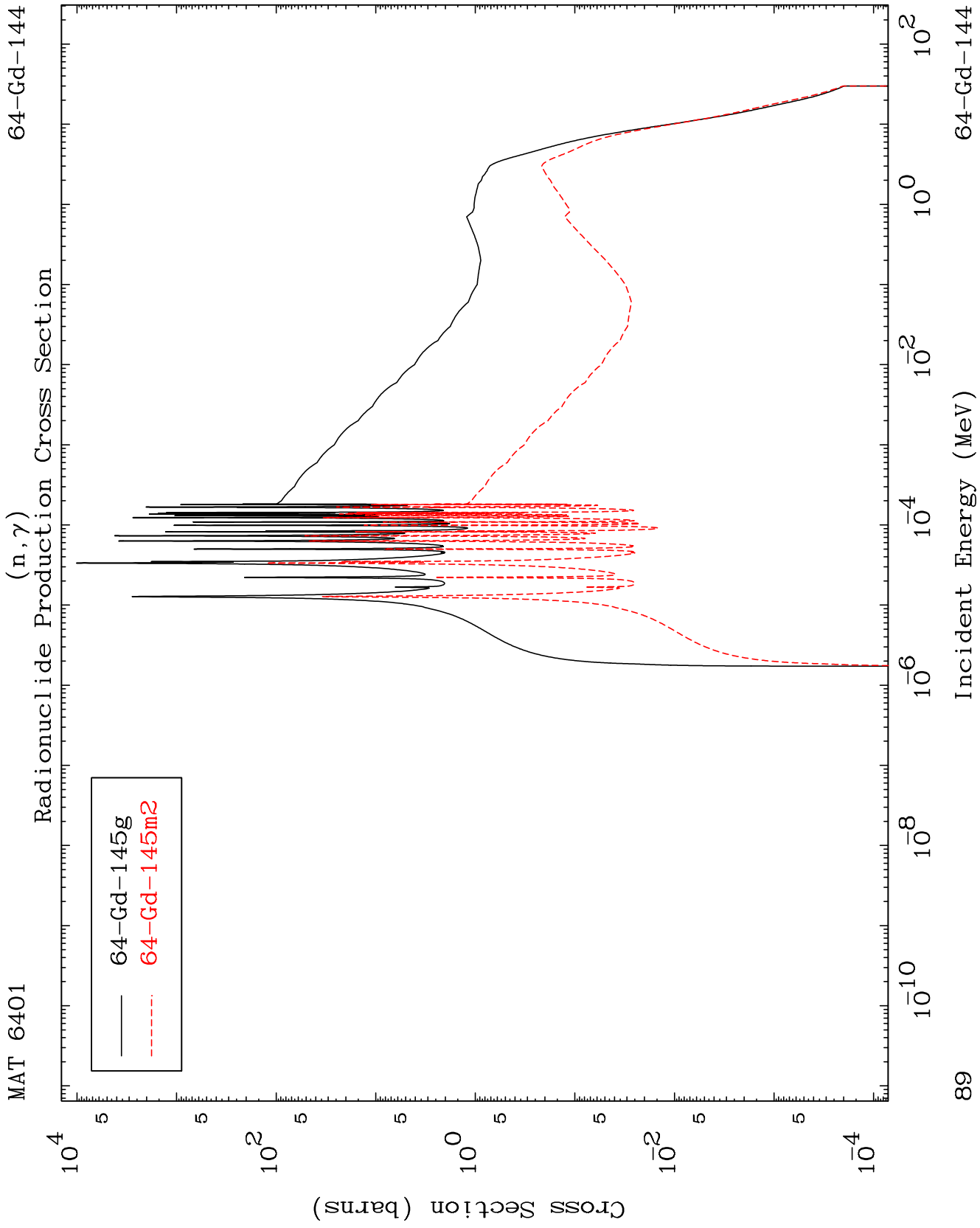


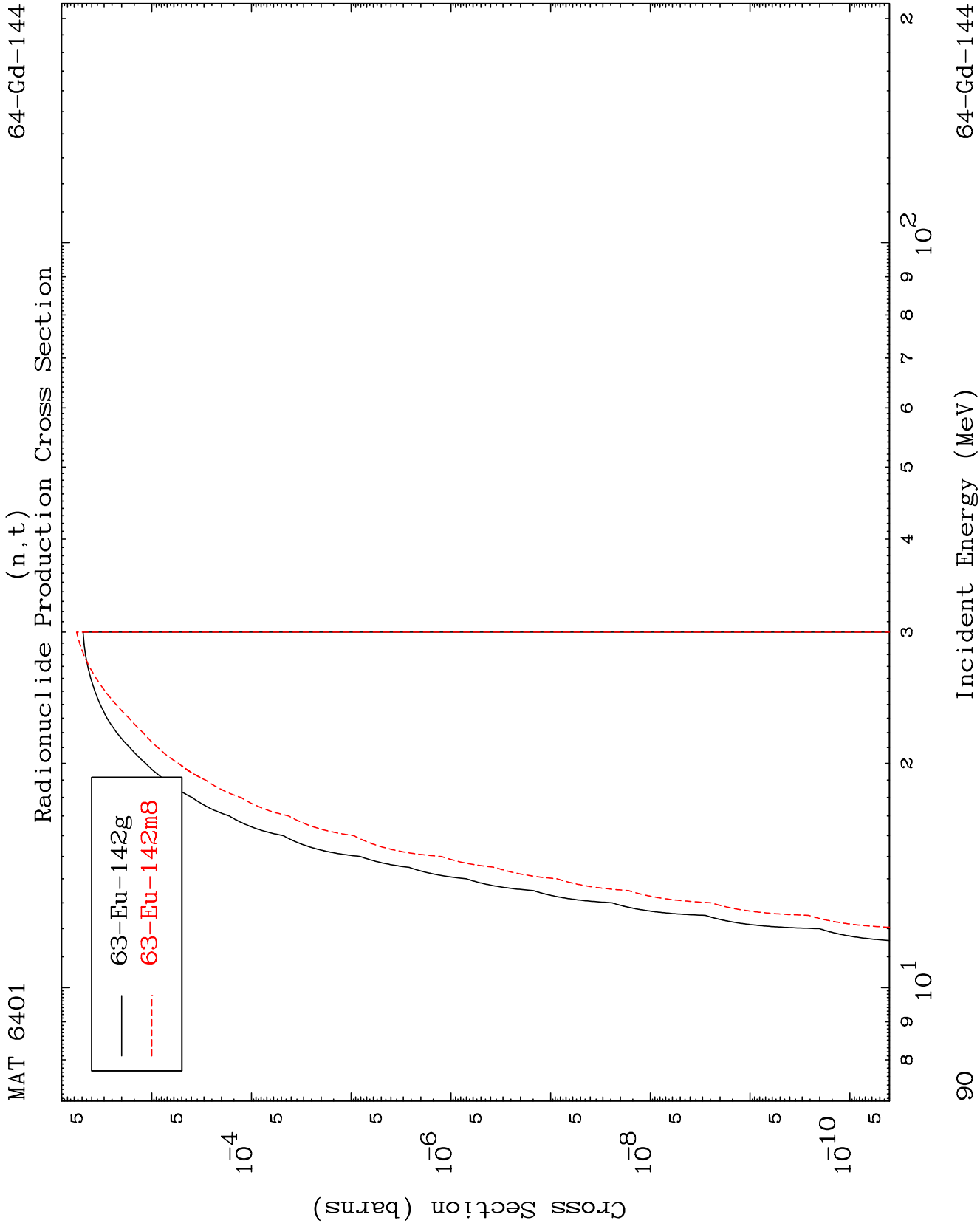
64-Gd-144

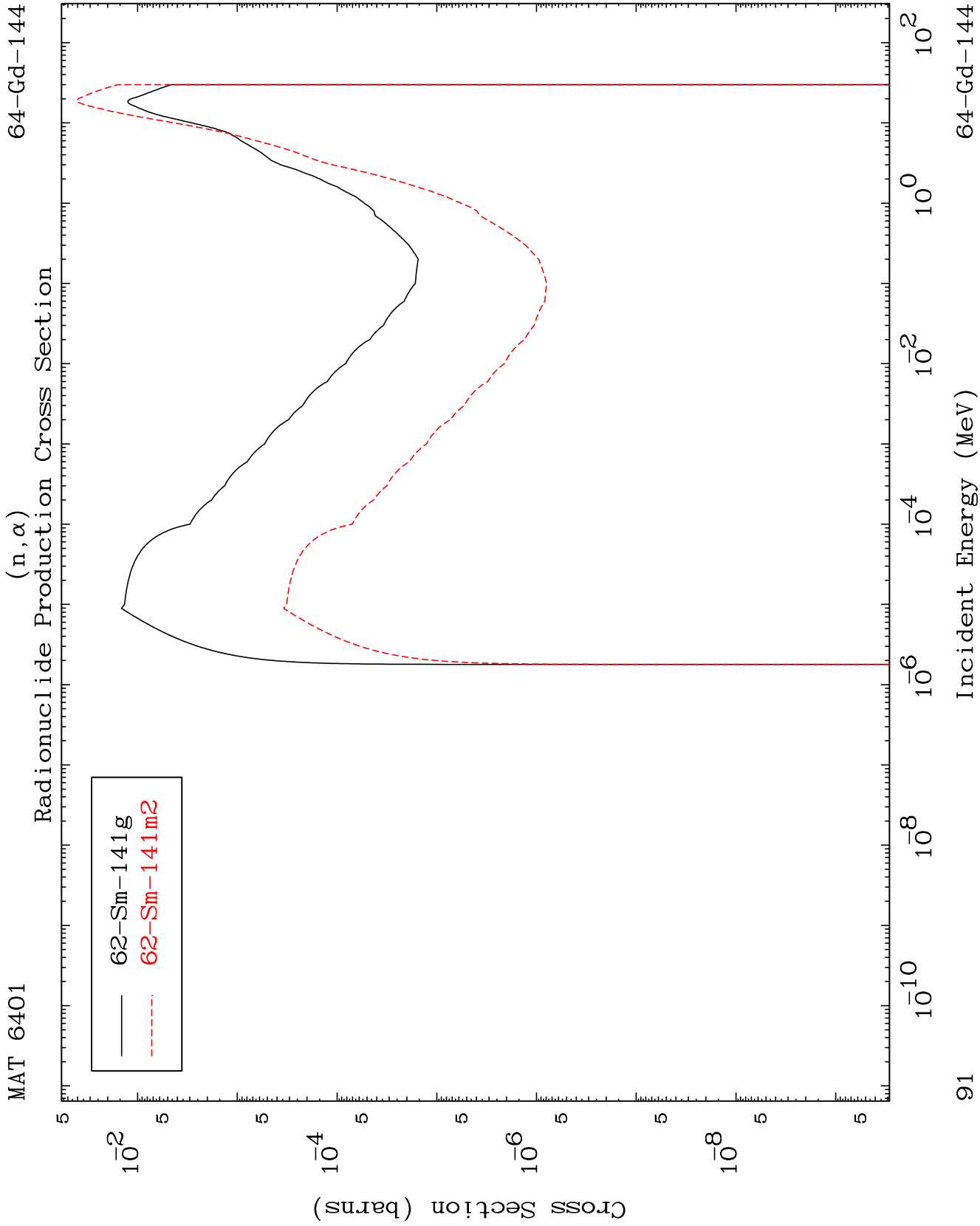
Incident Energy (MeV)

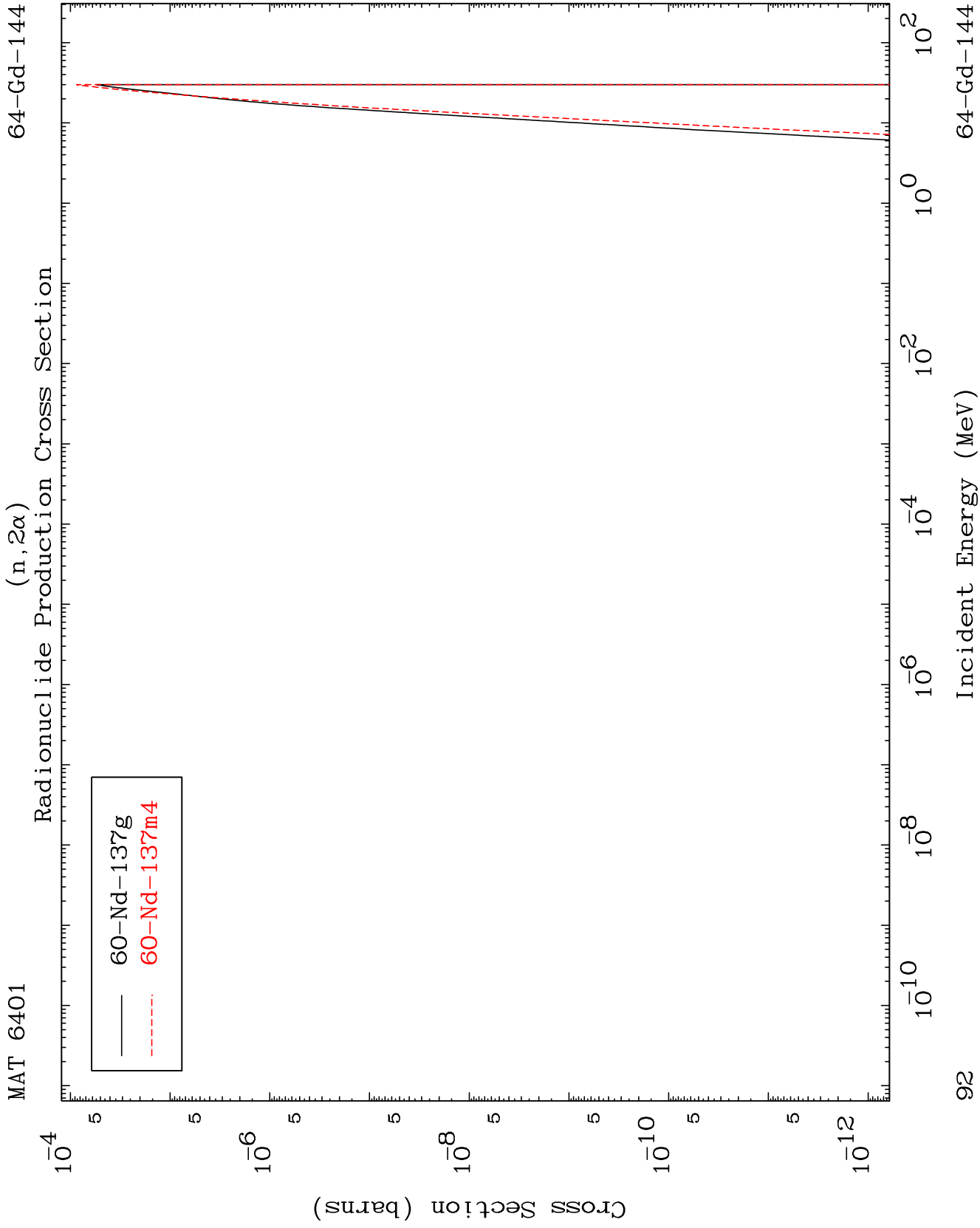
87









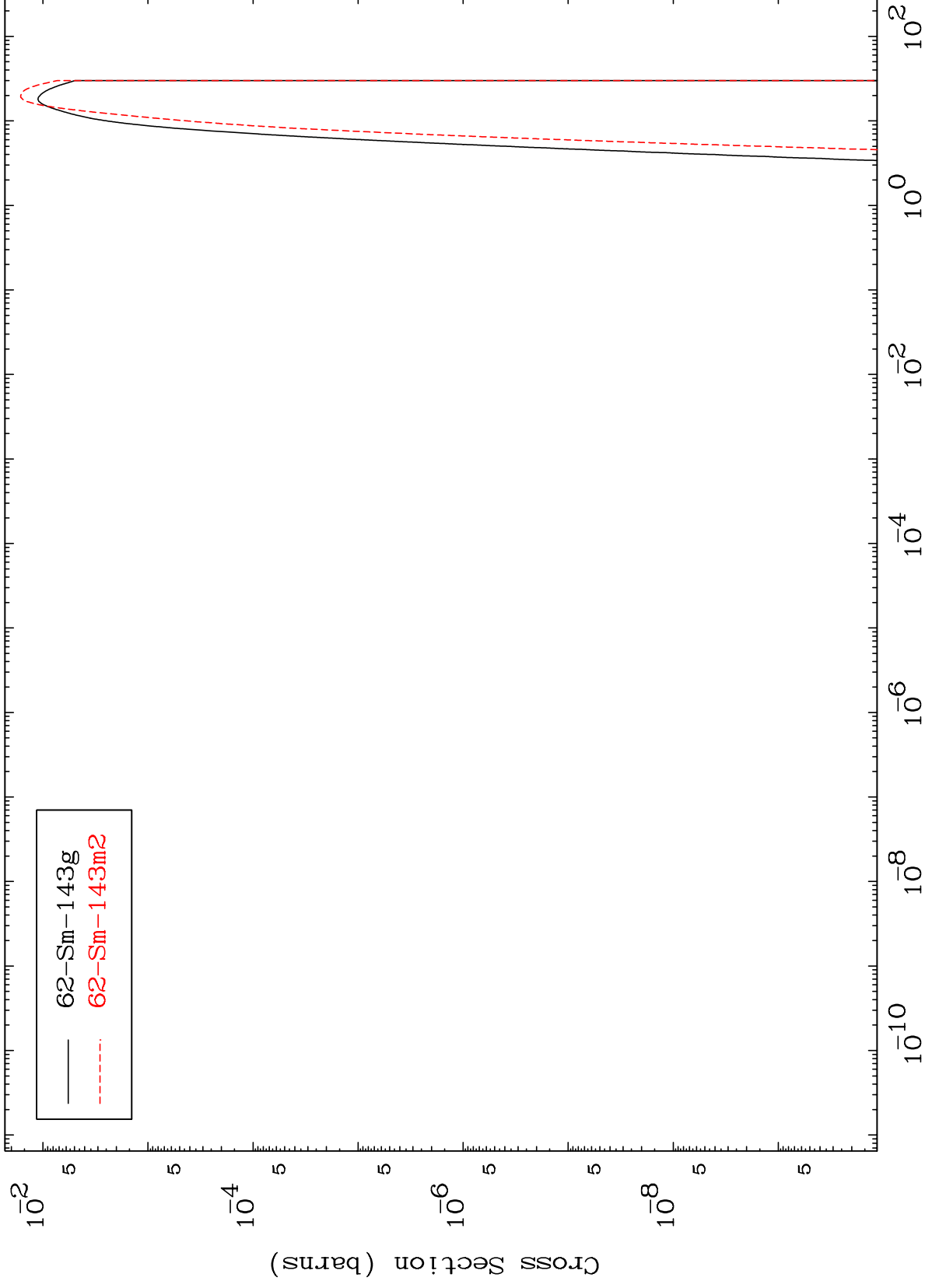


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(n,2p)

64-Gd-144

Radionuclide Production Cross Section



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Incident Energy (MeV)

64-Gd-144

