

Program EVALPLOT
(Version 2021-1)

by

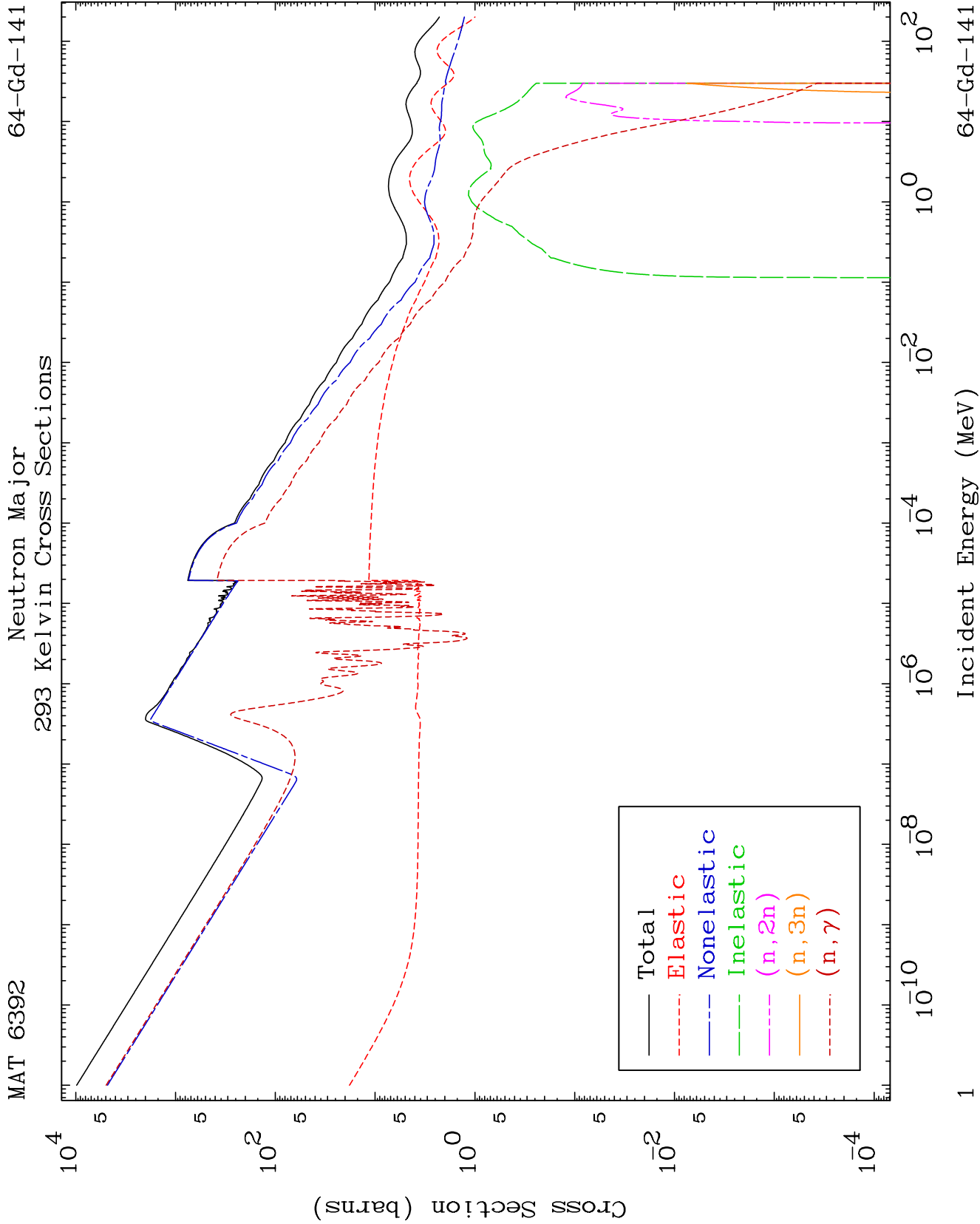
Dermott E. Cullen
(Present Contact Information)

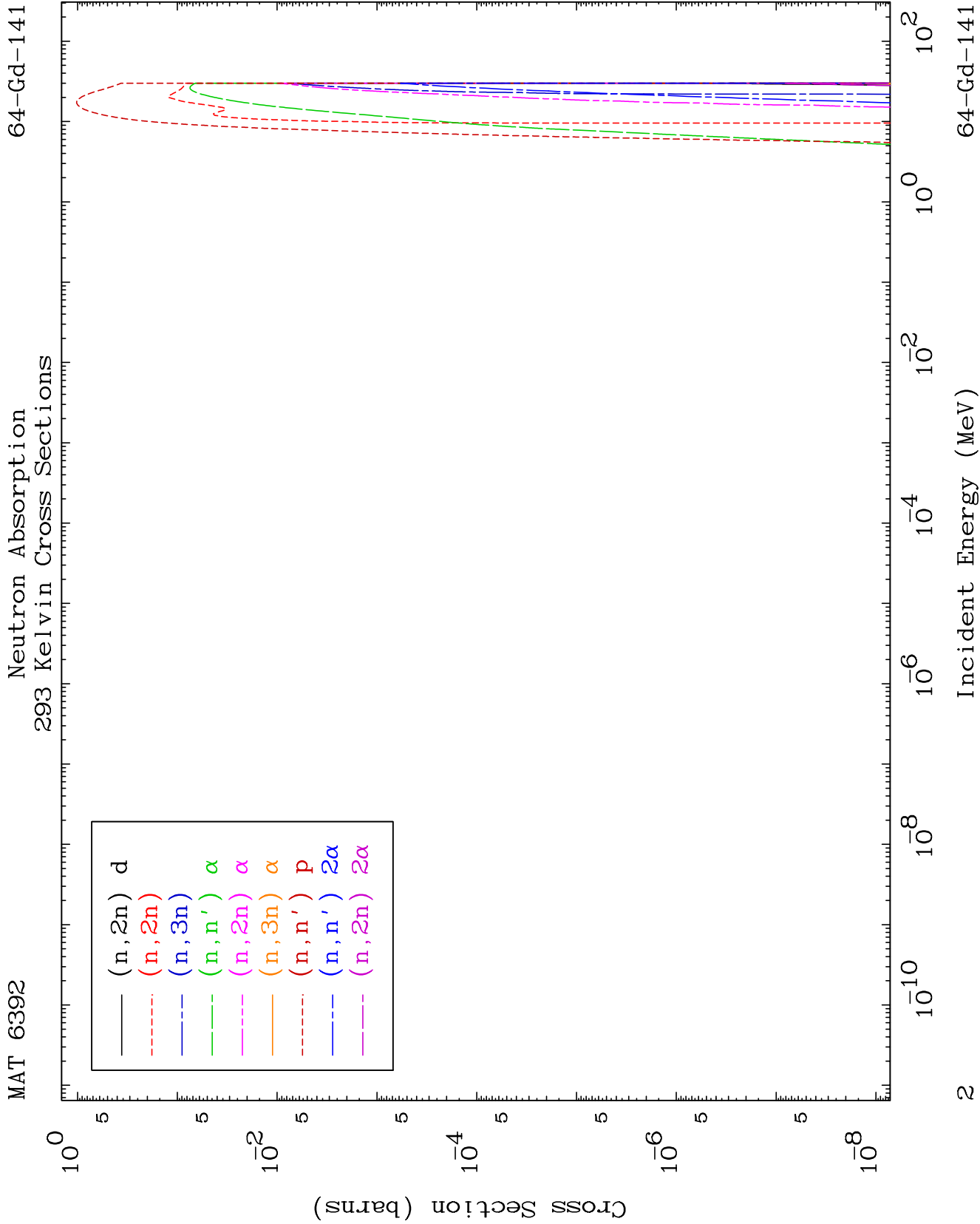
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

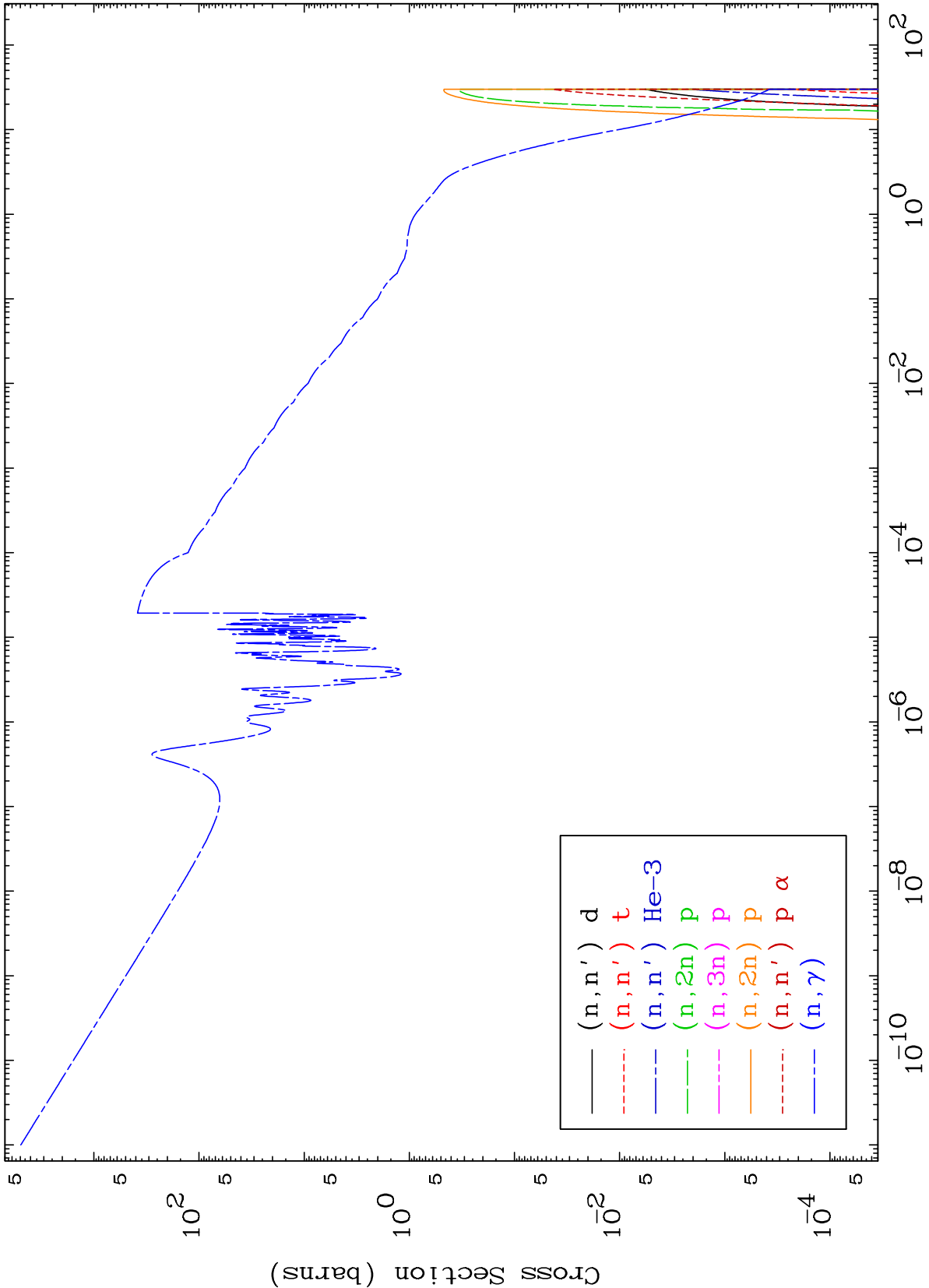
Tele: 925-443-1911

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

Press Mouse Button to Start



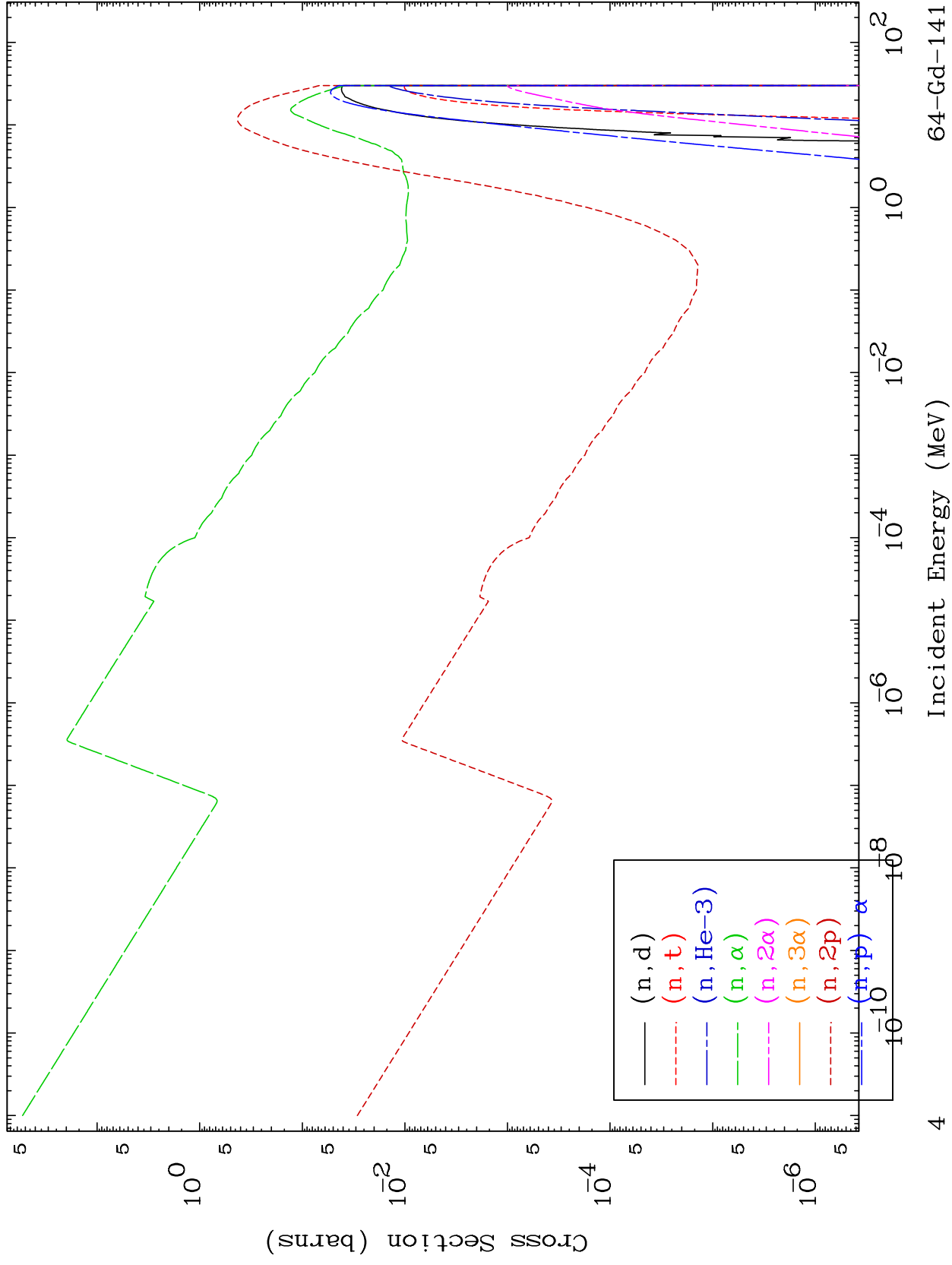


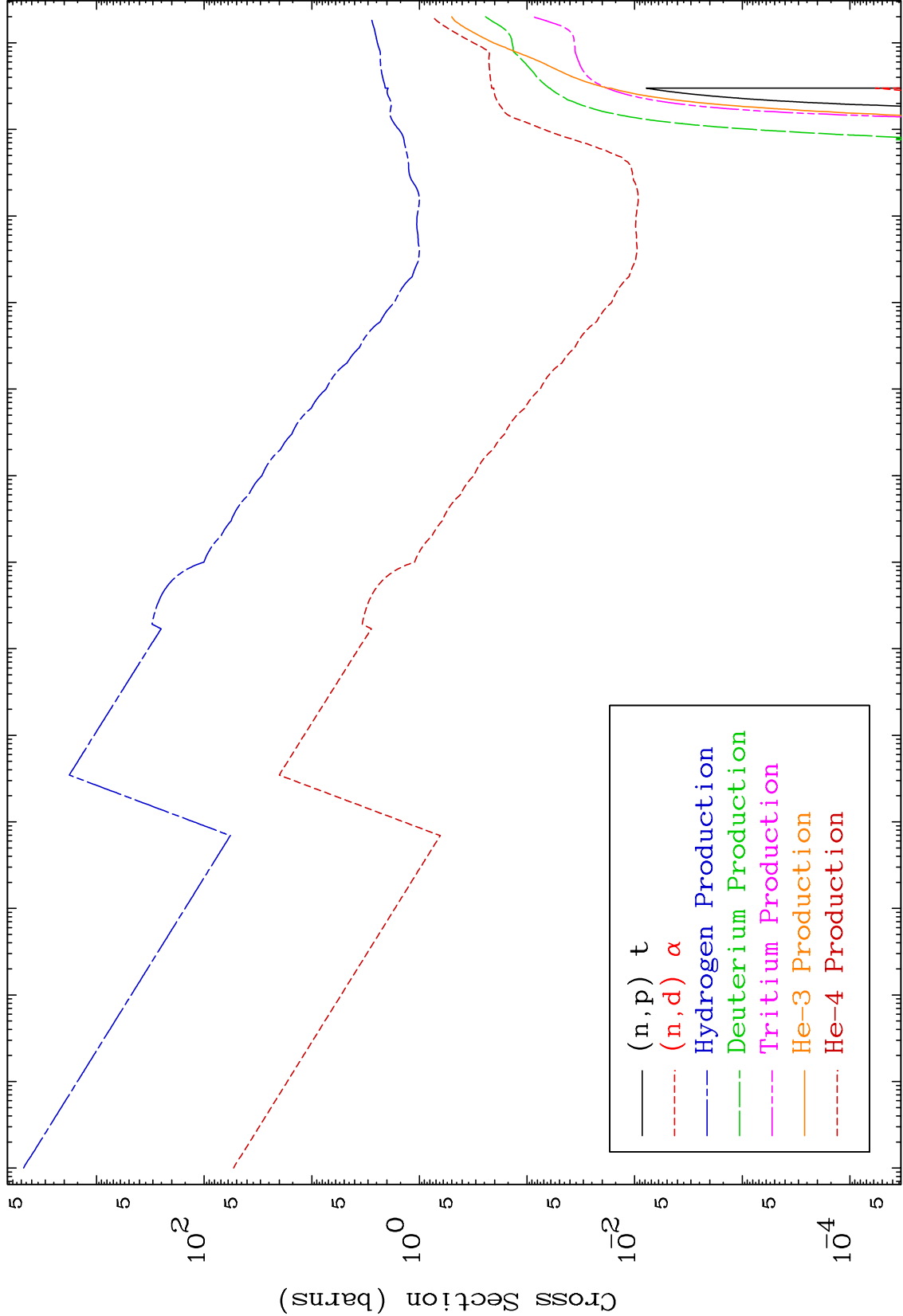


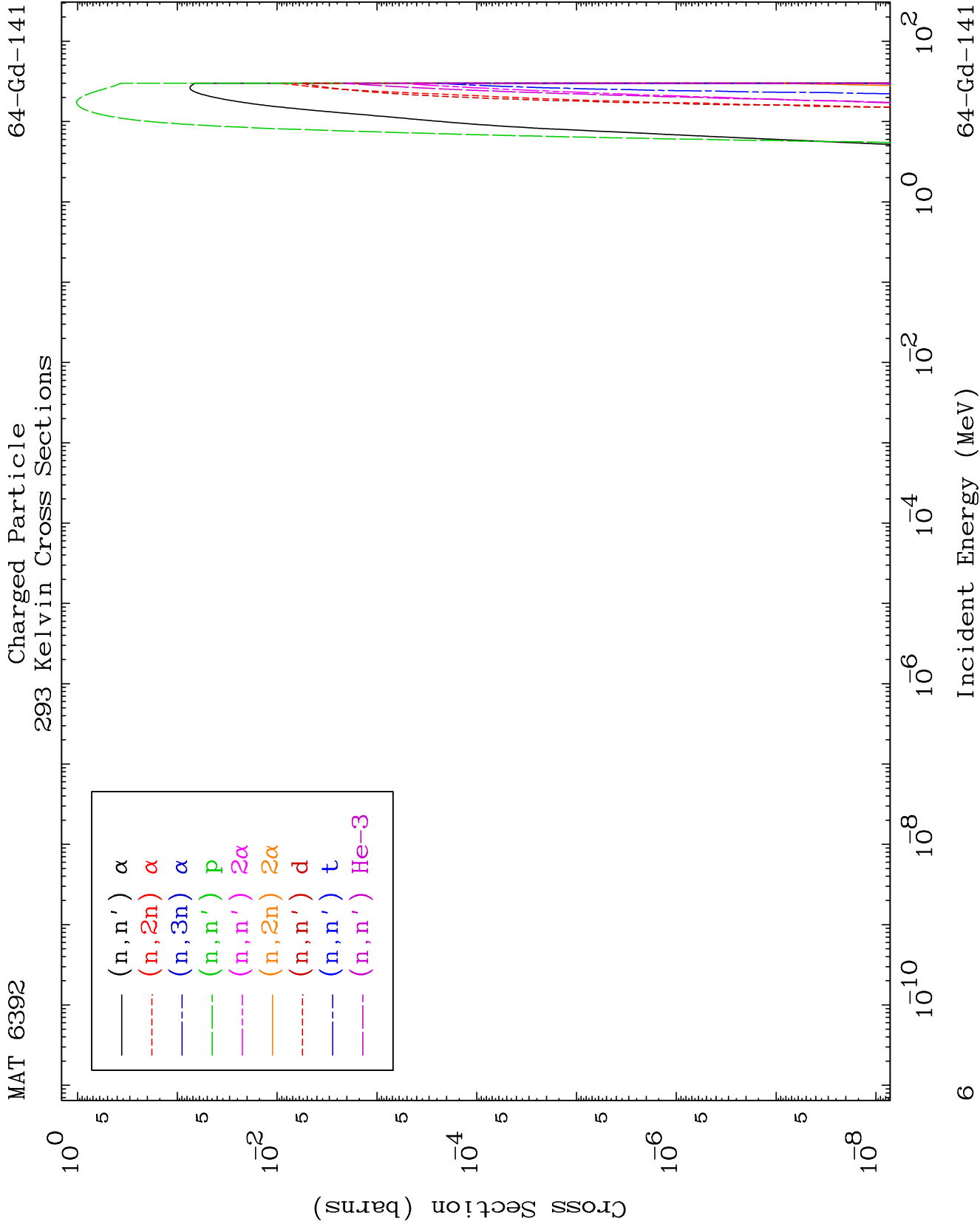
MAT 6392

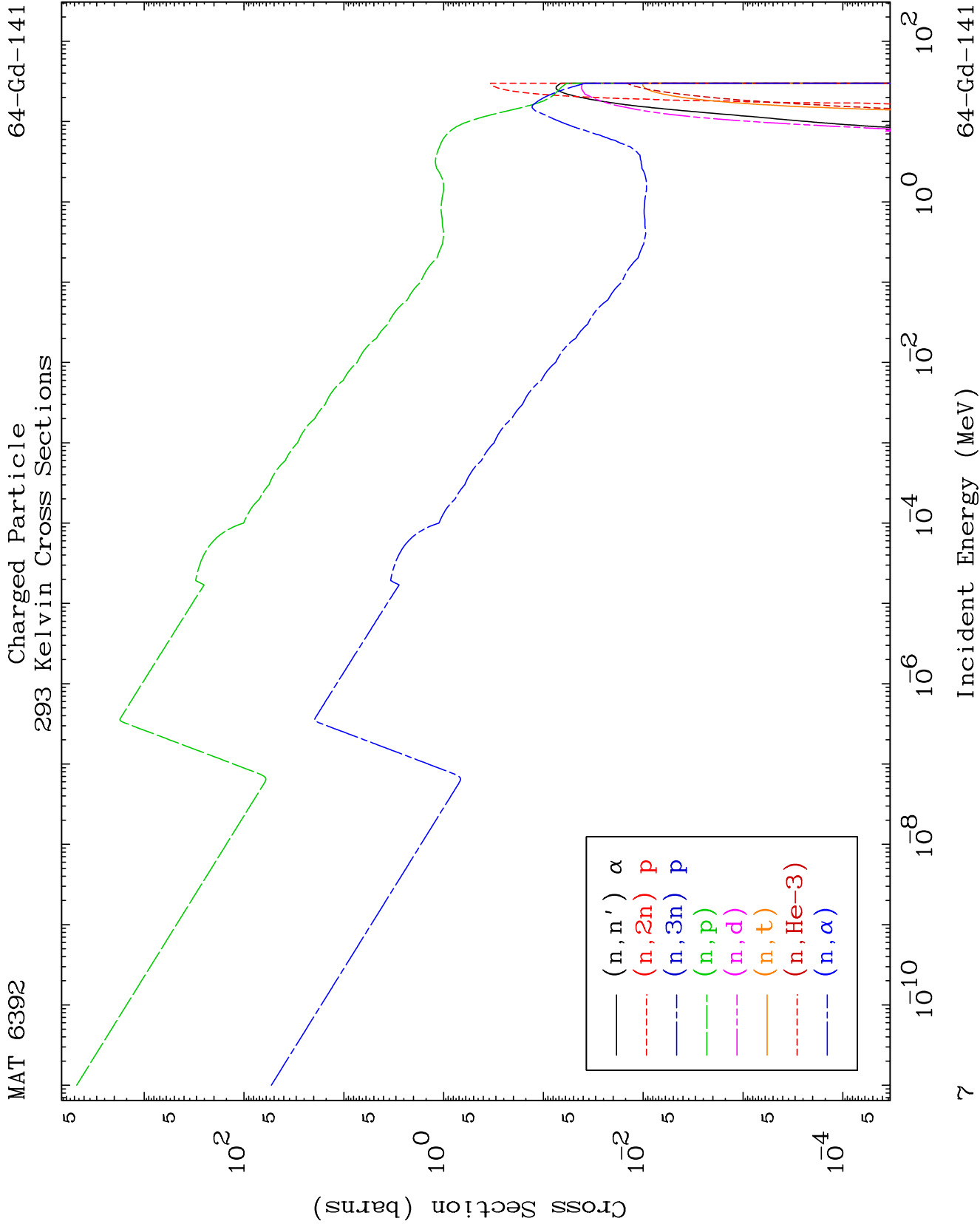
Neutron Absorption
293 Kelvin Cross Sections

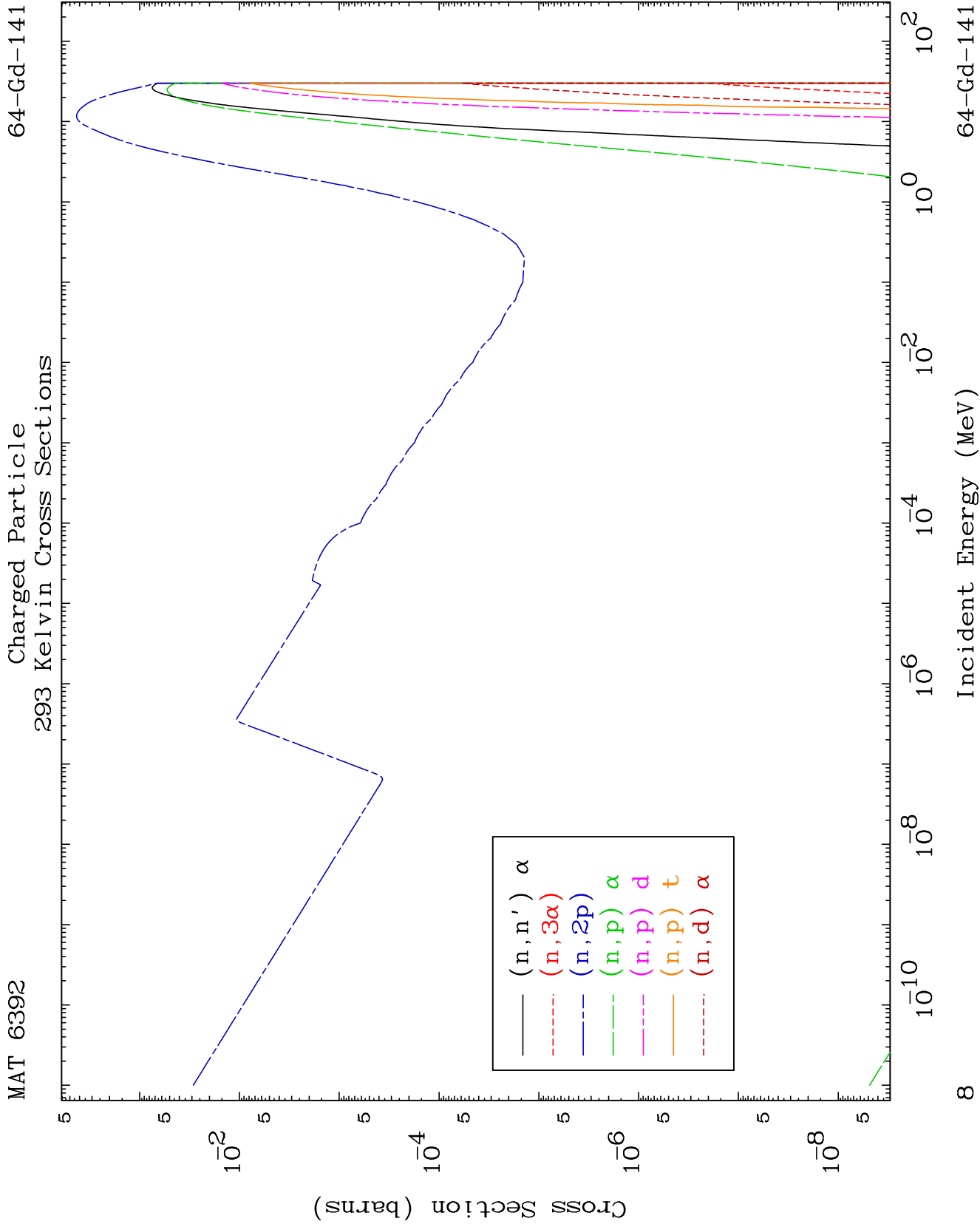
64-Gd-141

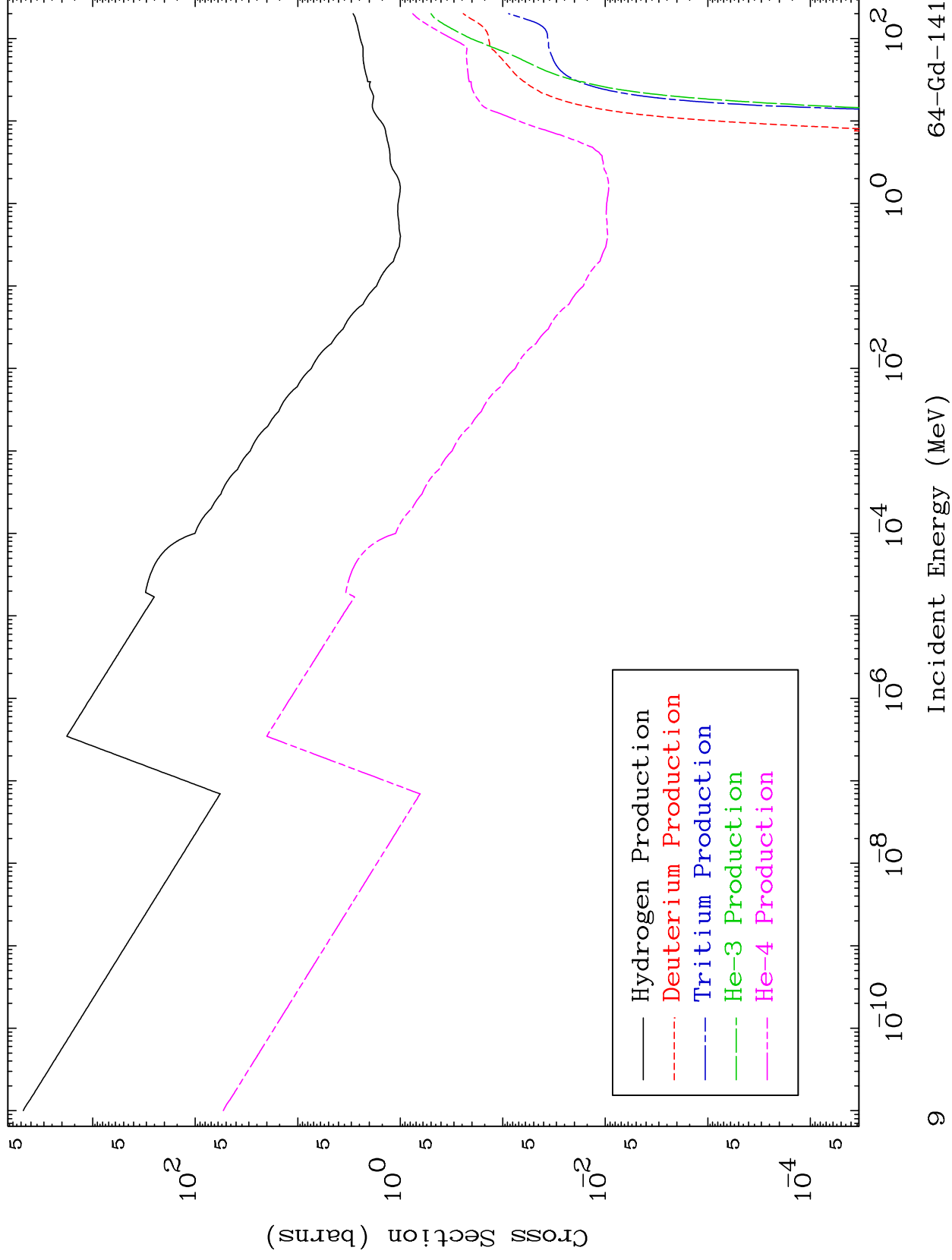


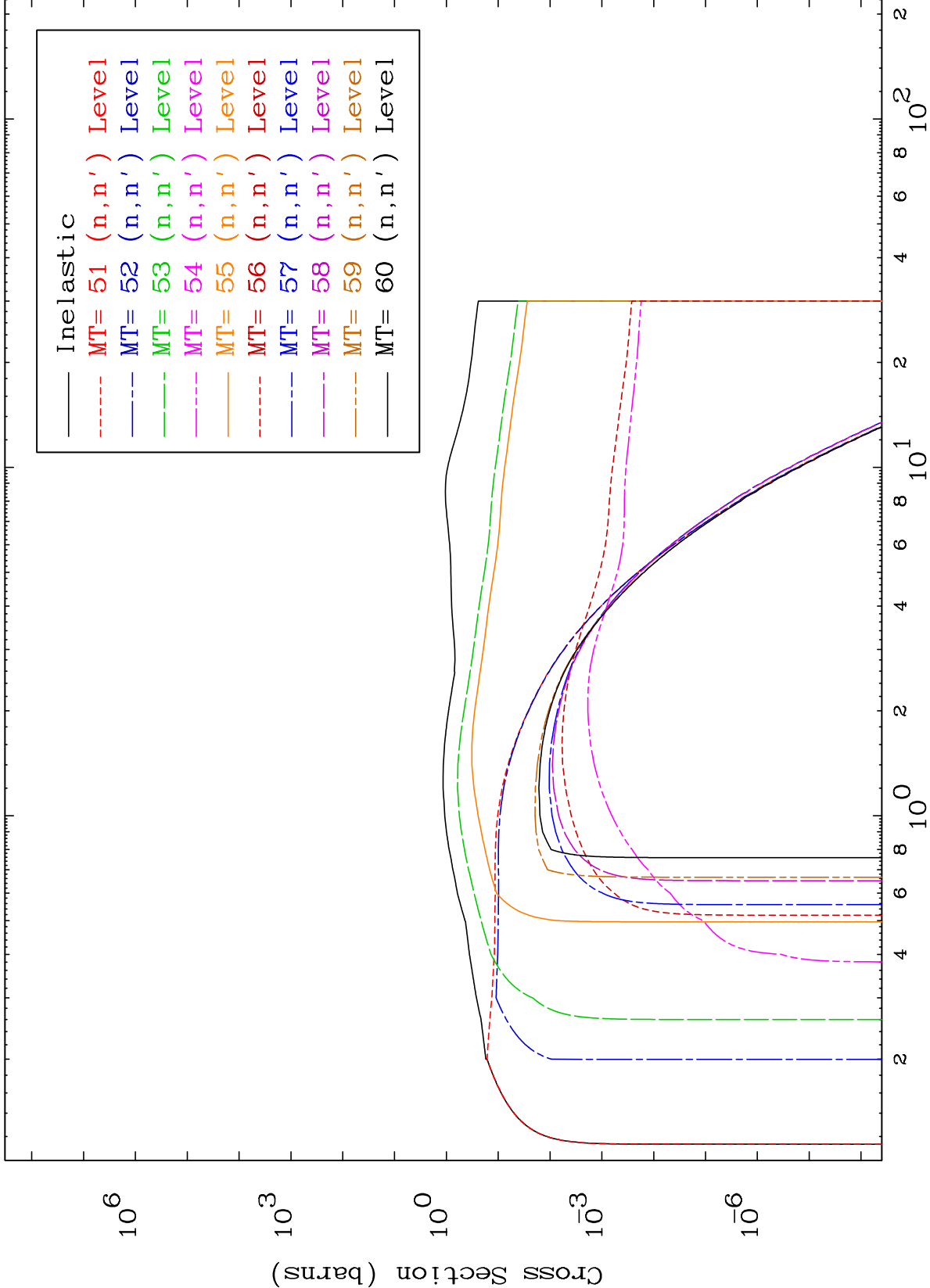


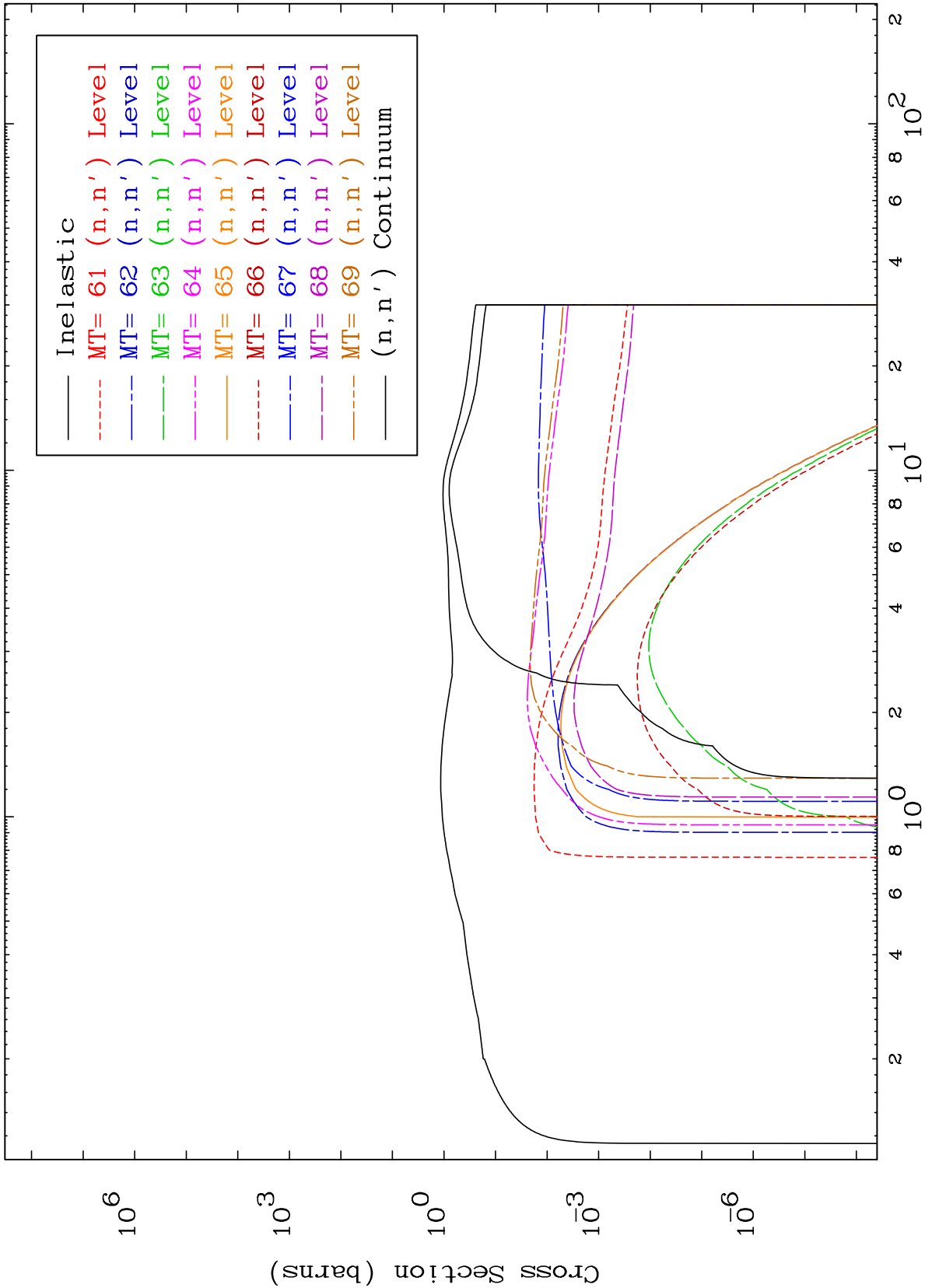


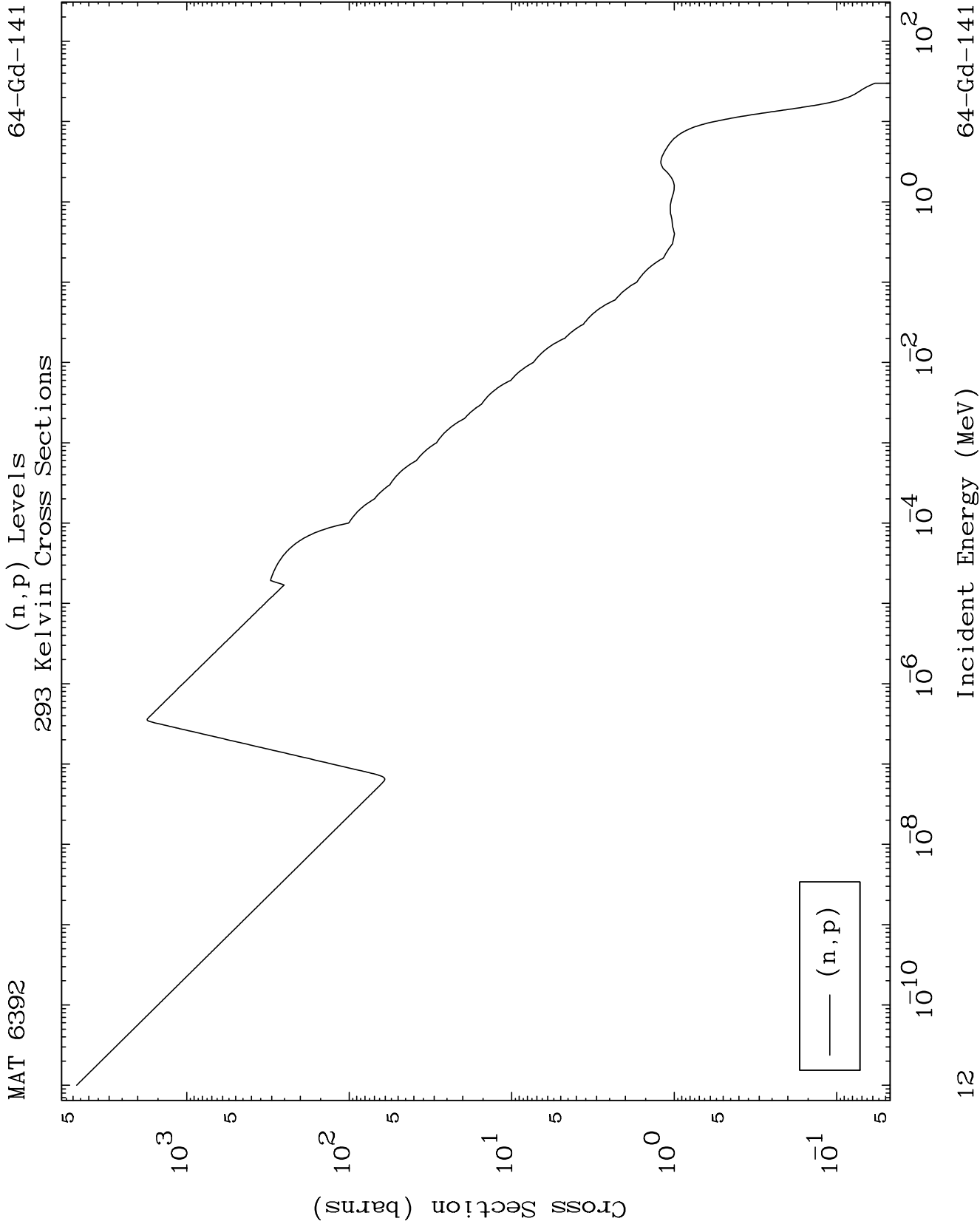








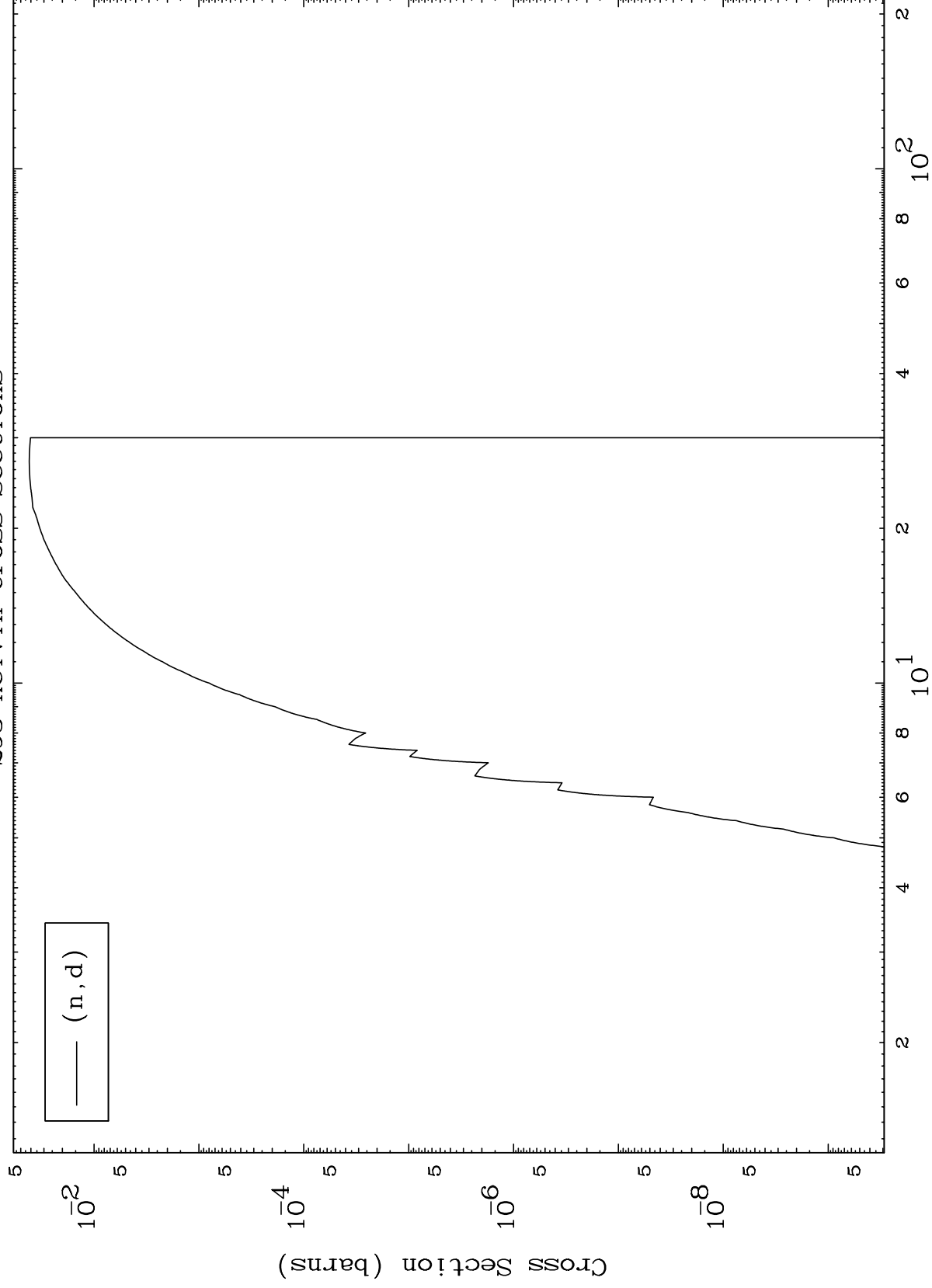




MAT 6392

64-Gd-141

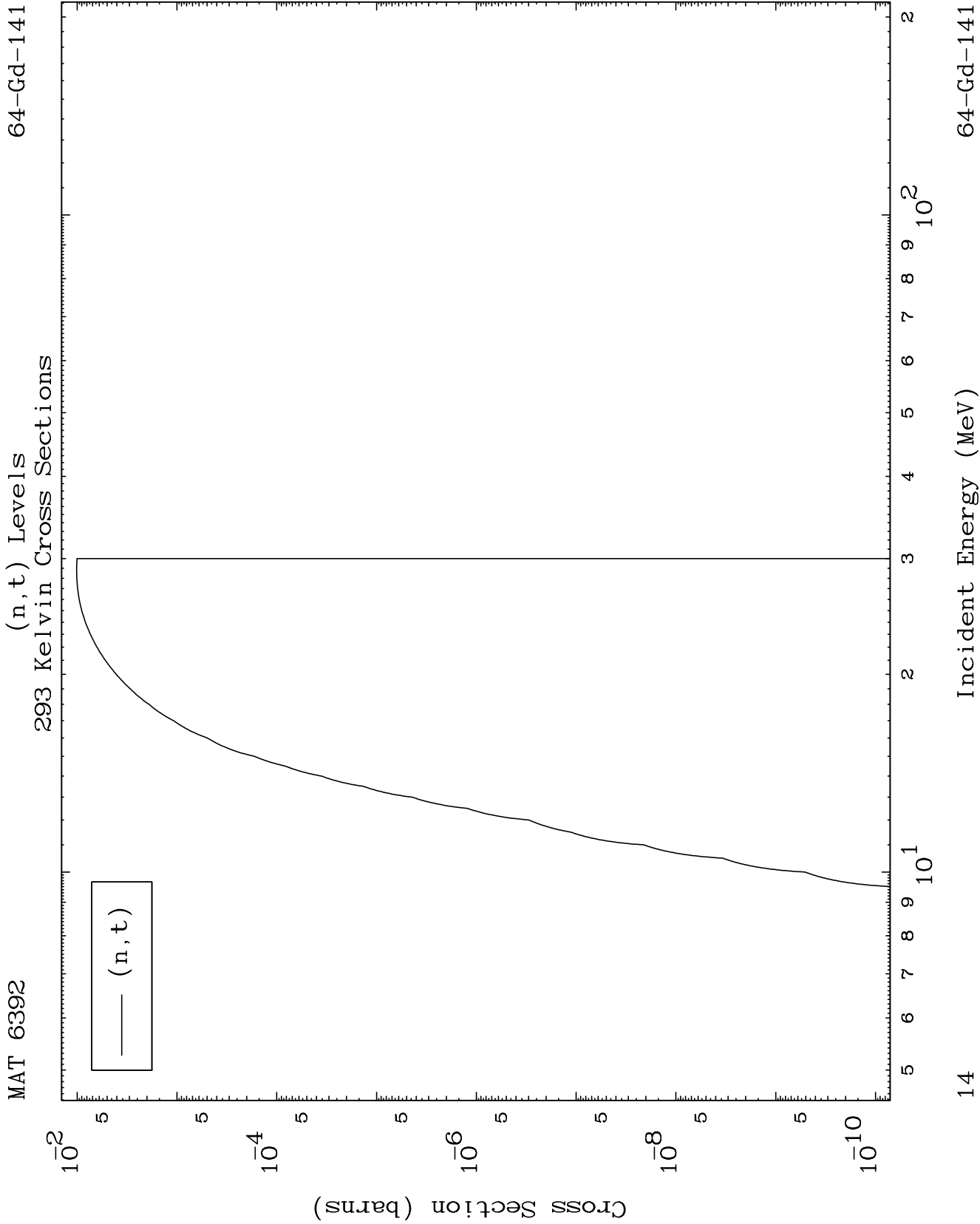
(n,d) Levels
293 Kelvin Cross Sections



13

Incident Energy (MeV)

64-Gd-141

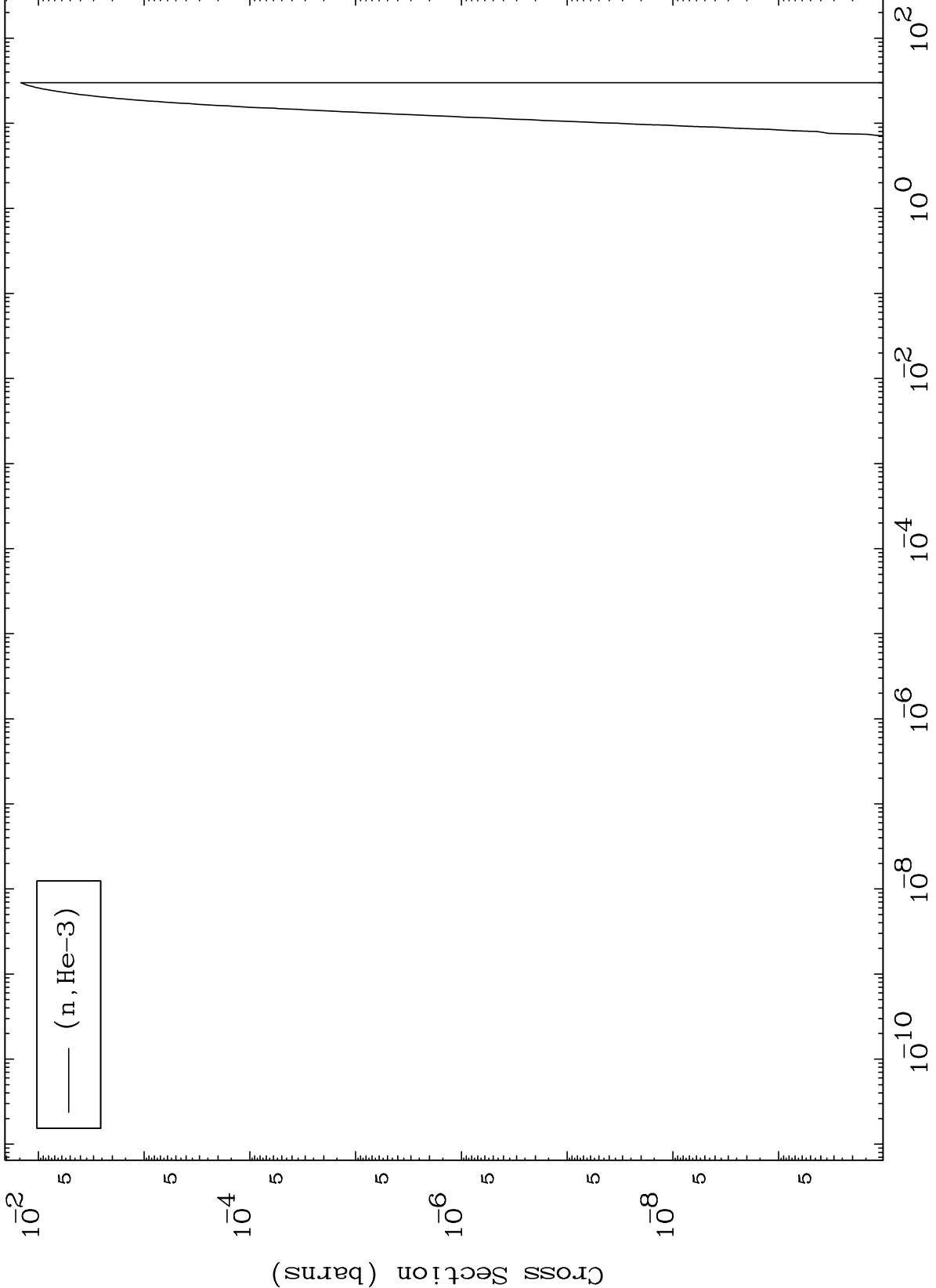


MAT 6392

(n,He3) Levels

64-Gd-141

293 Kelvin Cross Sections



15

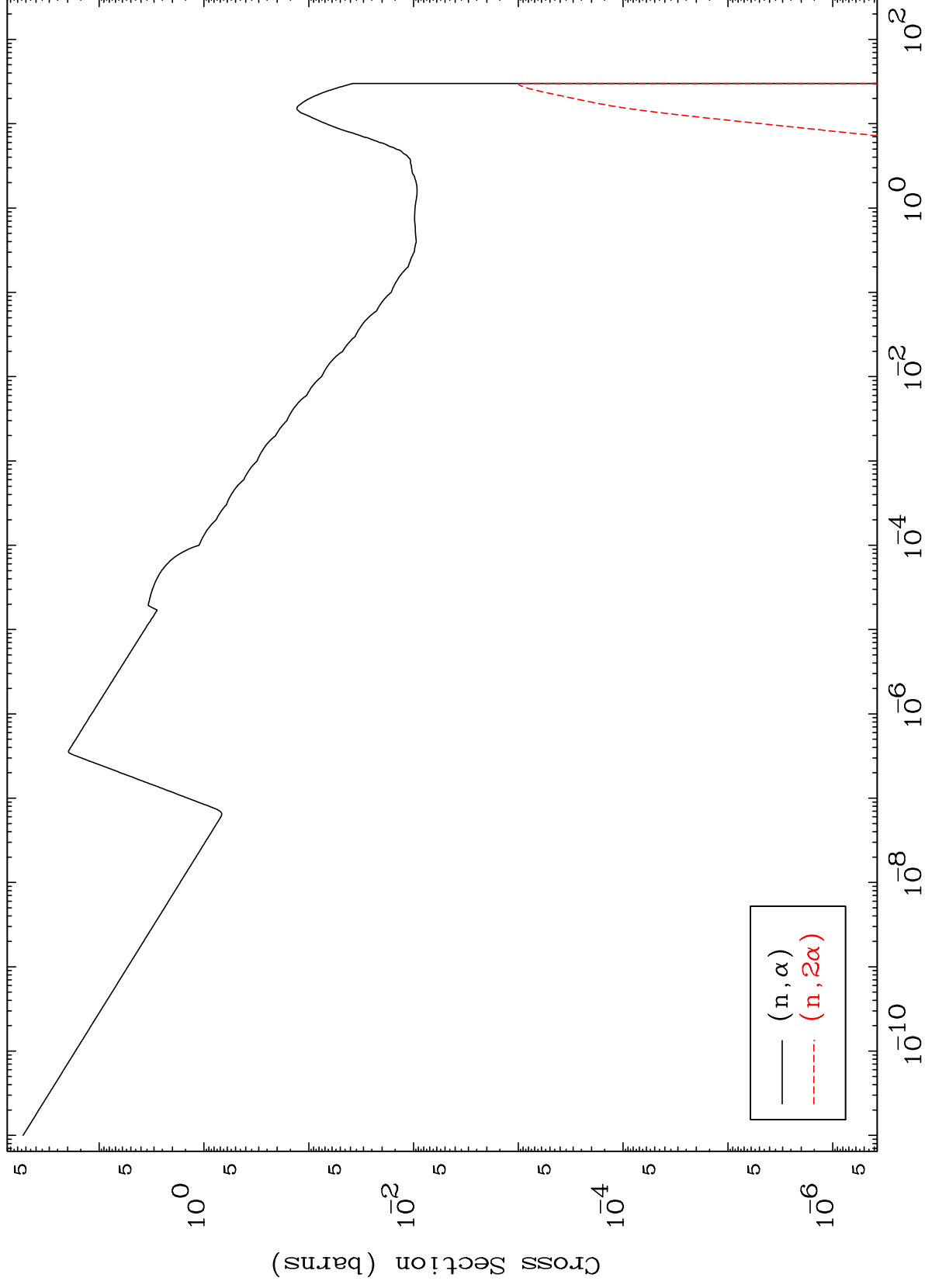
Incident Energy (MeV)

64-Gd-141

MAT 6392

(n, α) Levels
293 Kelvin Cross Sections

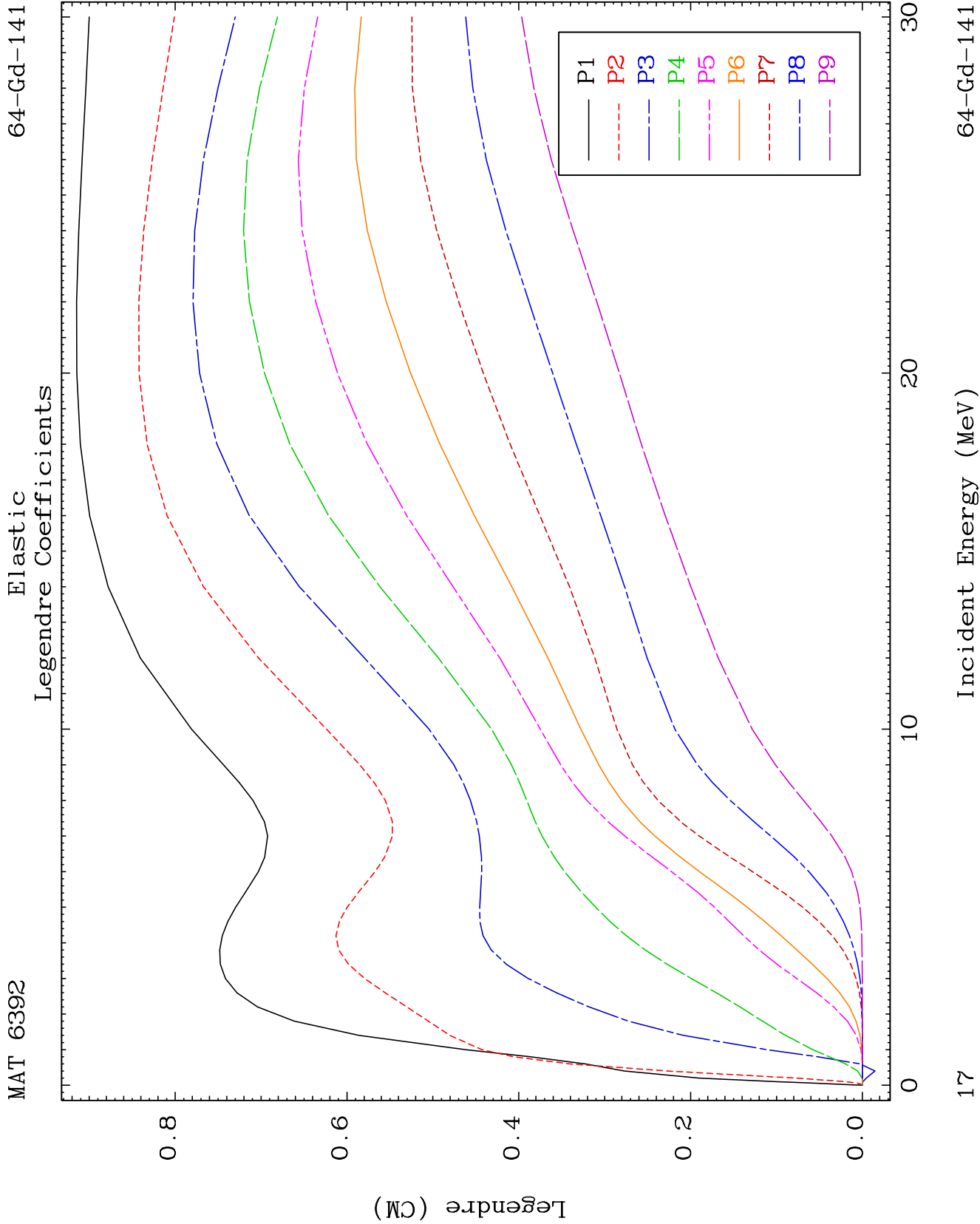
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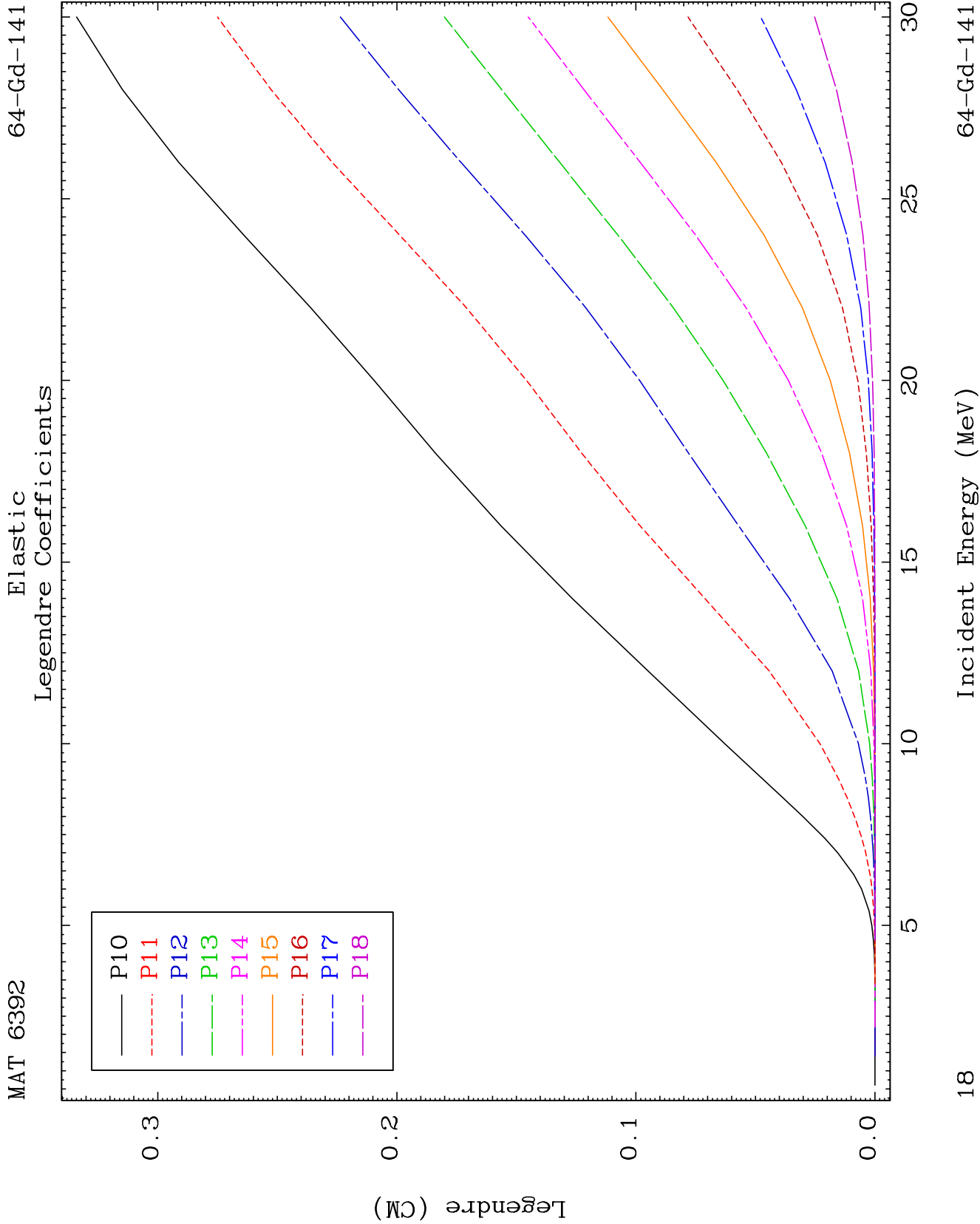


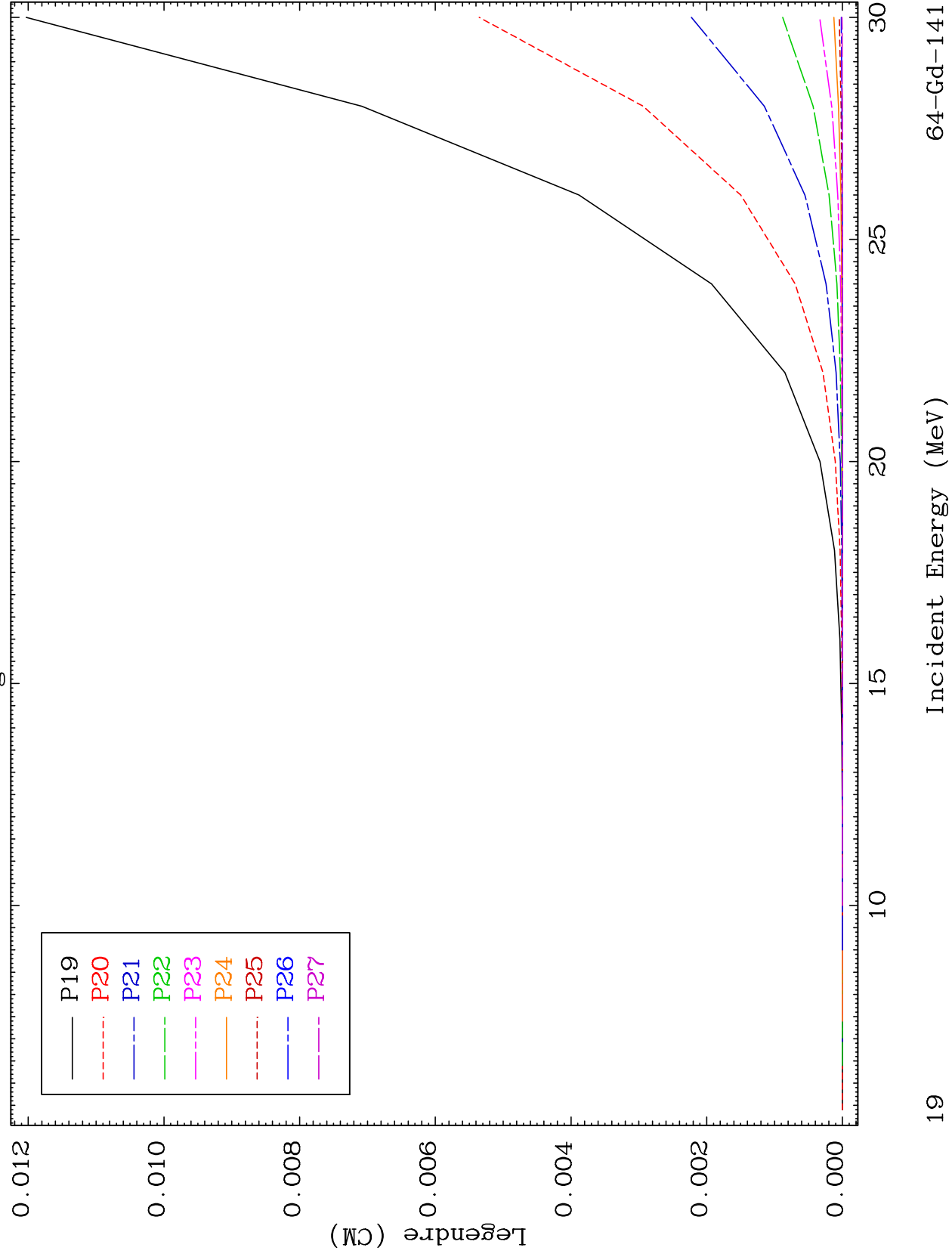
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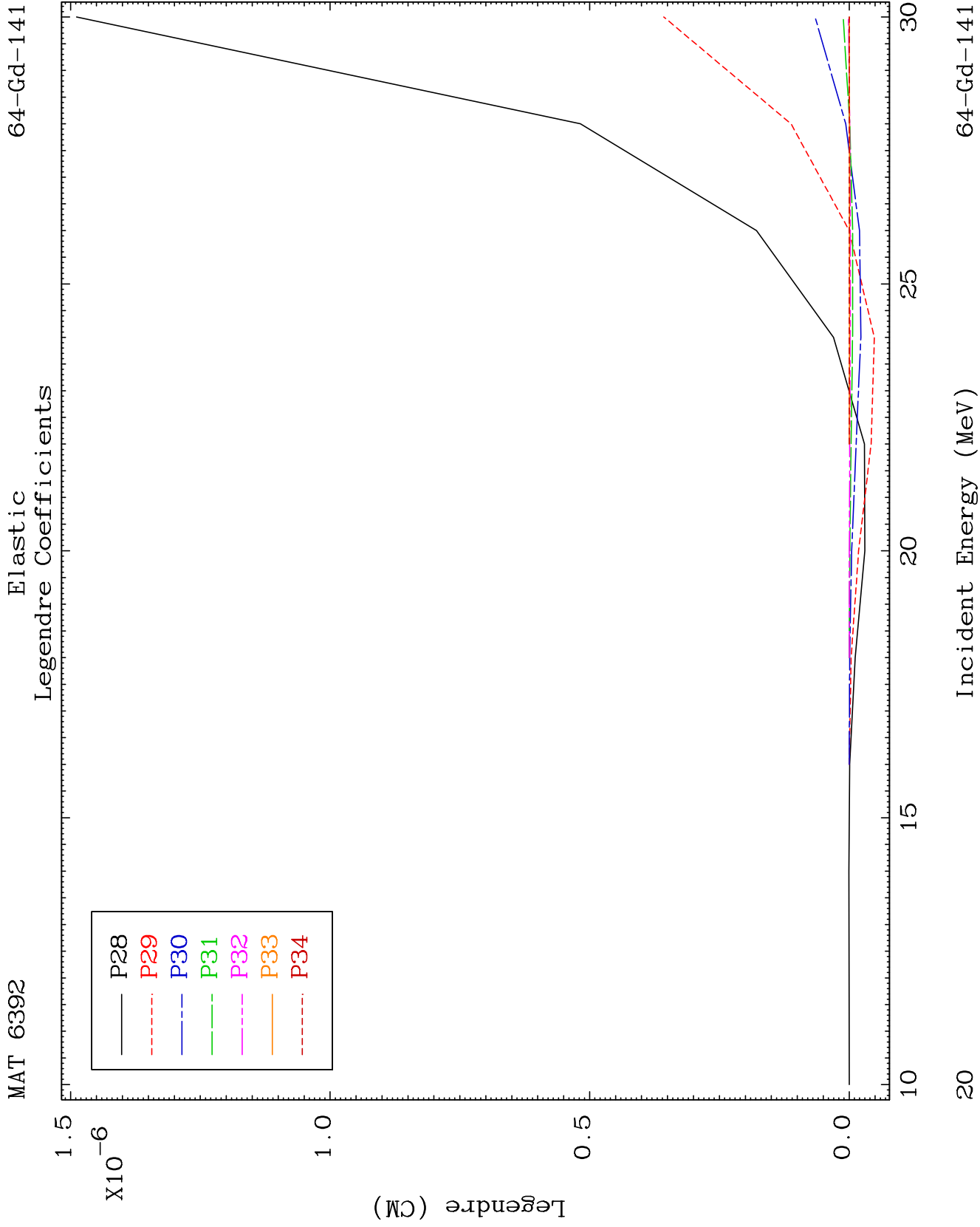
Incident Energy (MeV)

64-Gd-141





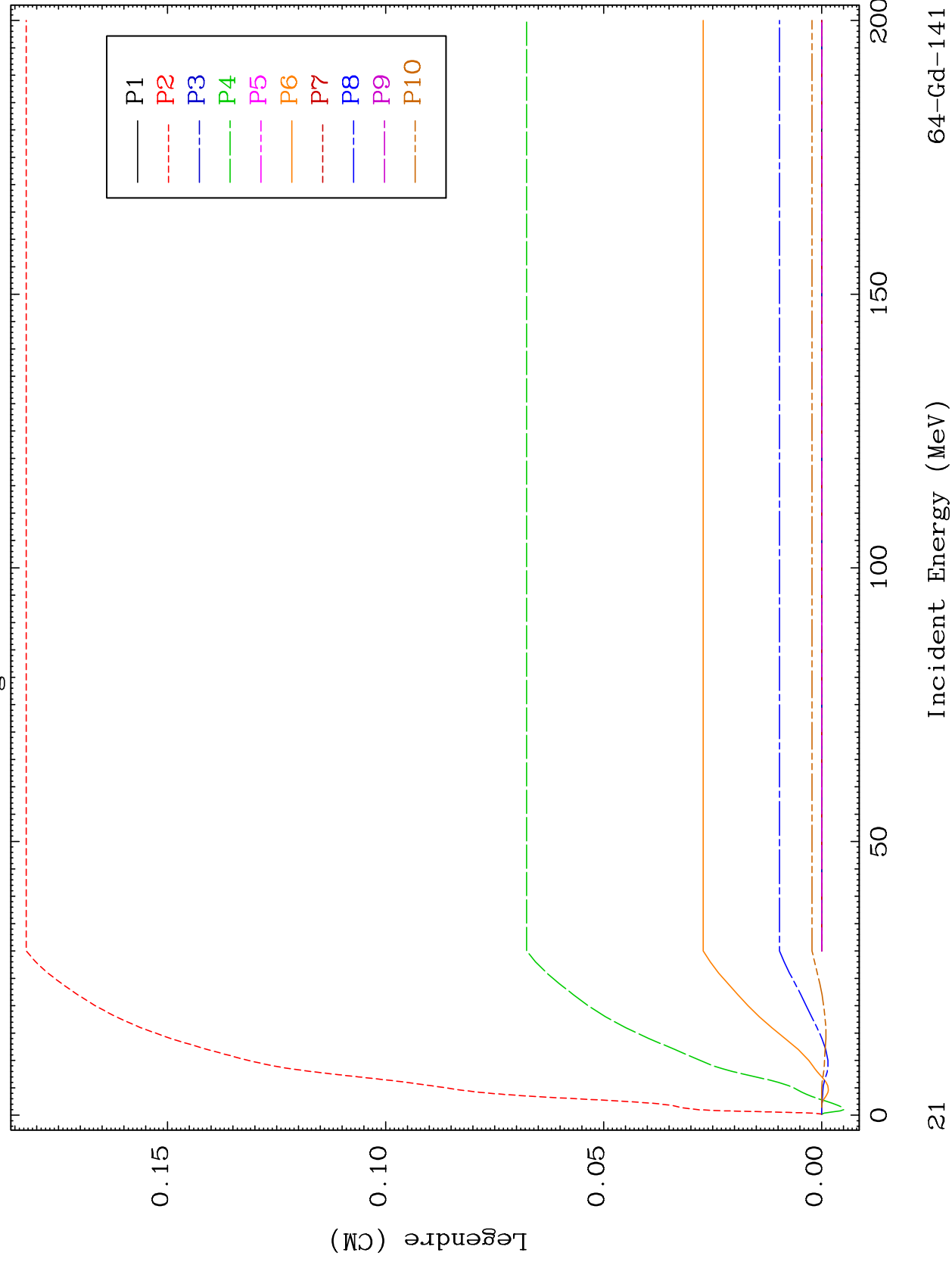


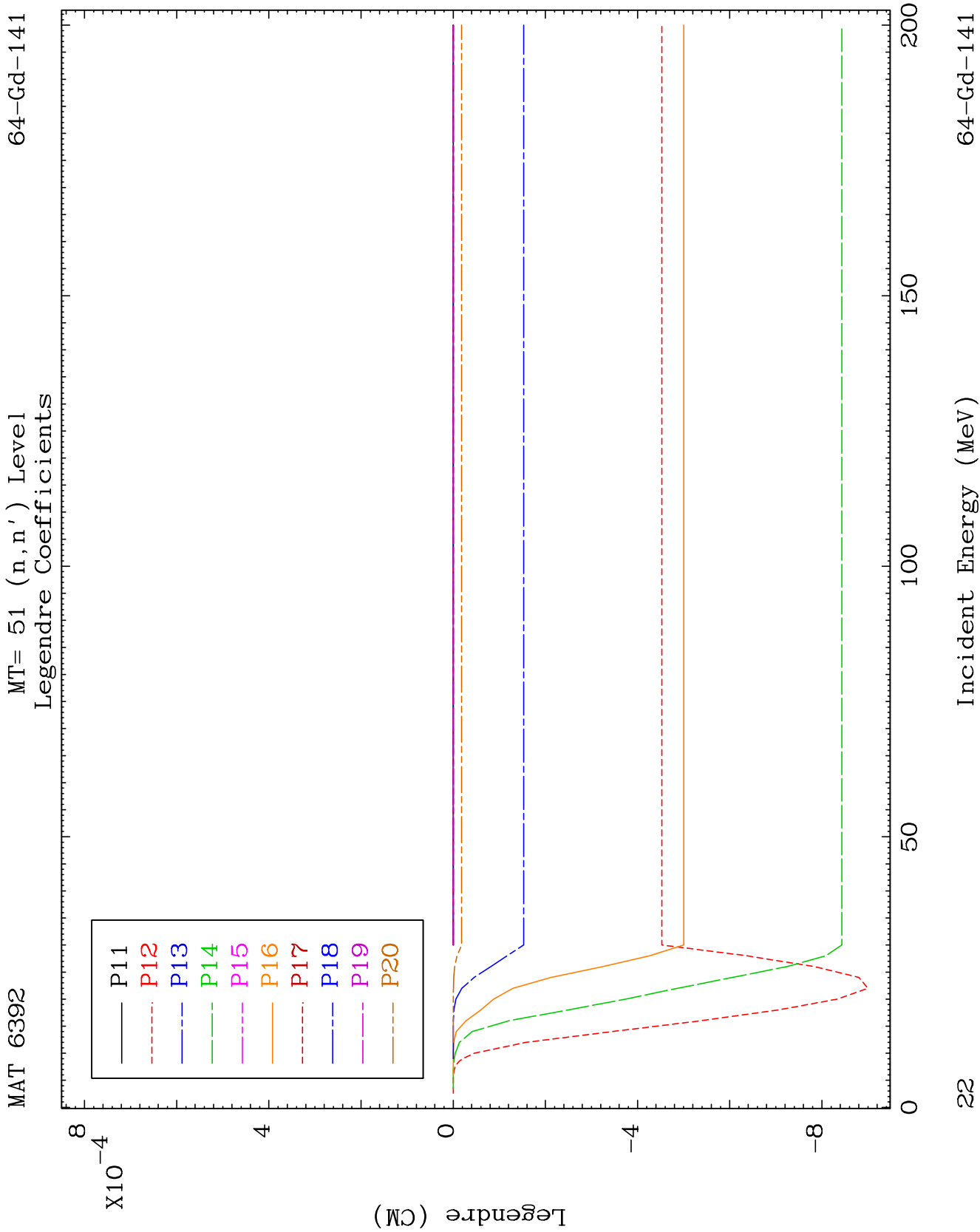


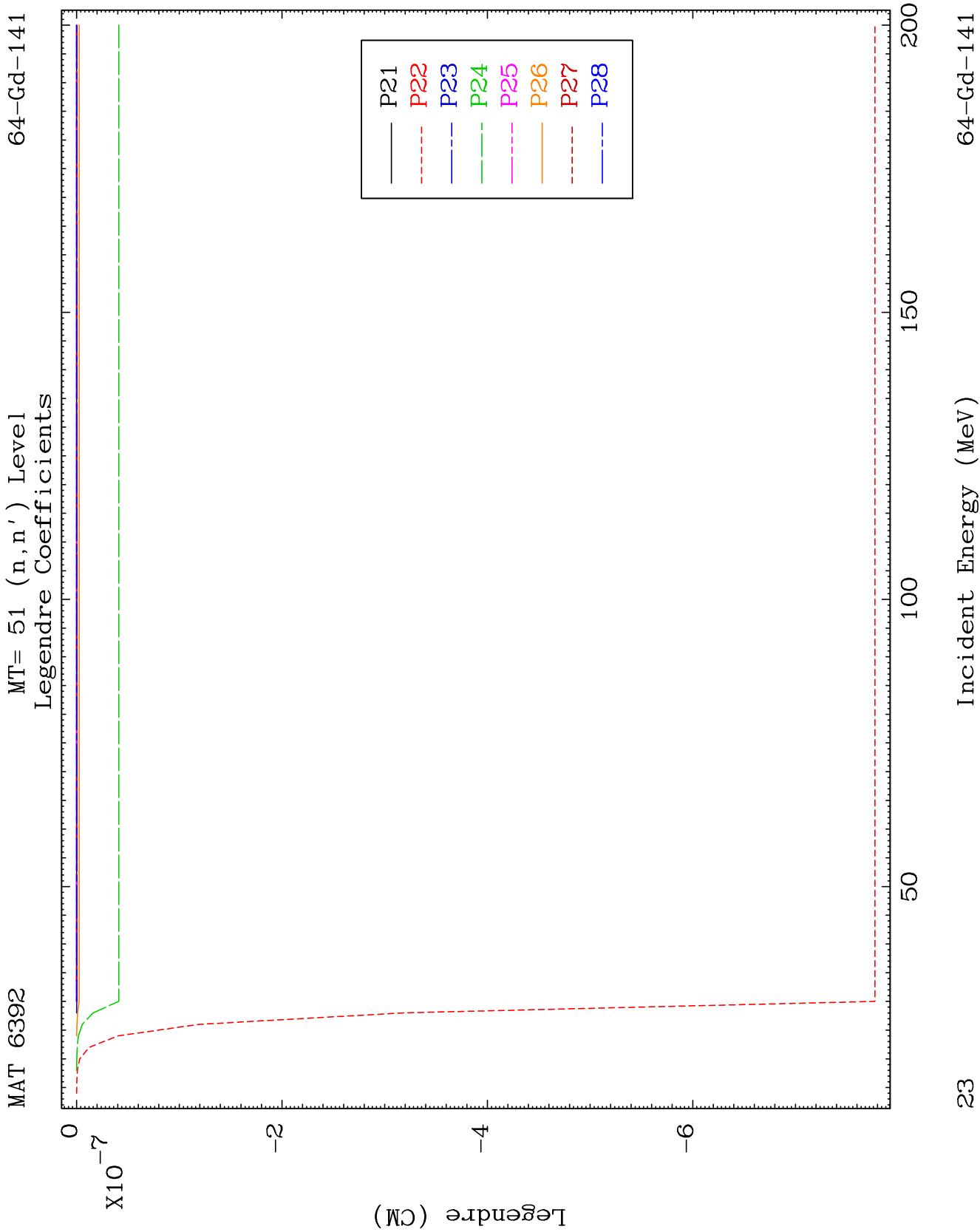
MAT 6392

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

64-Gd-141



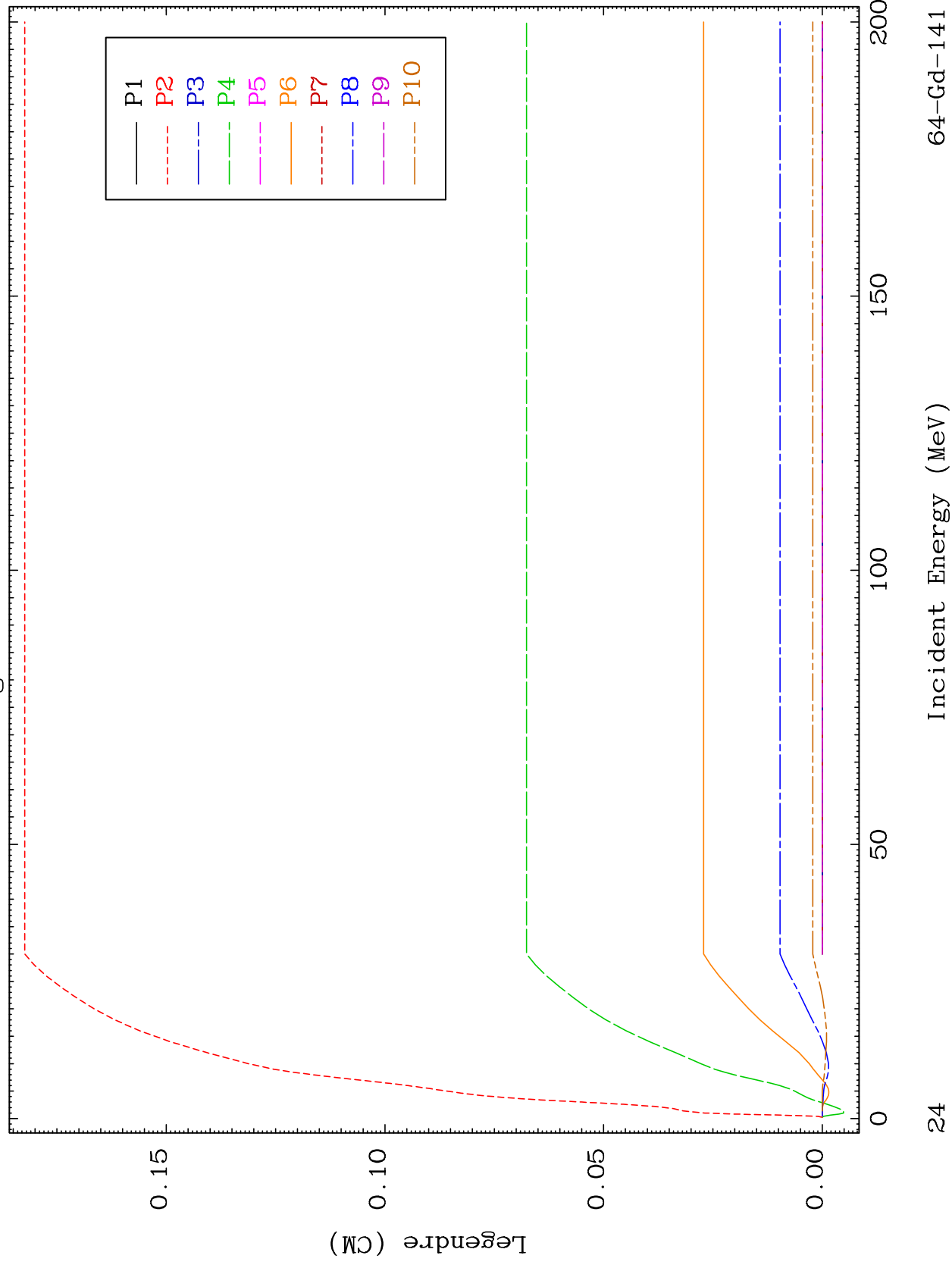


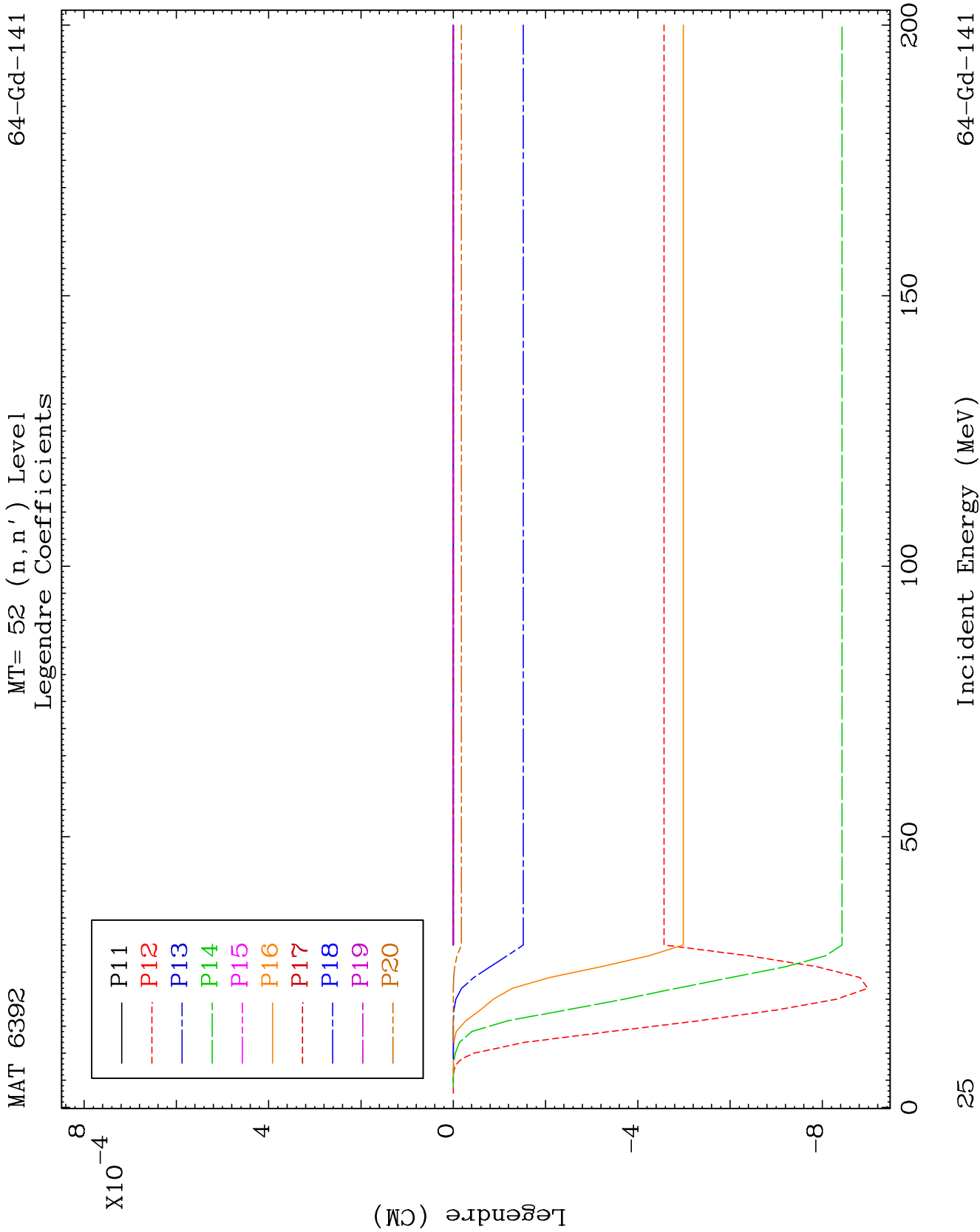


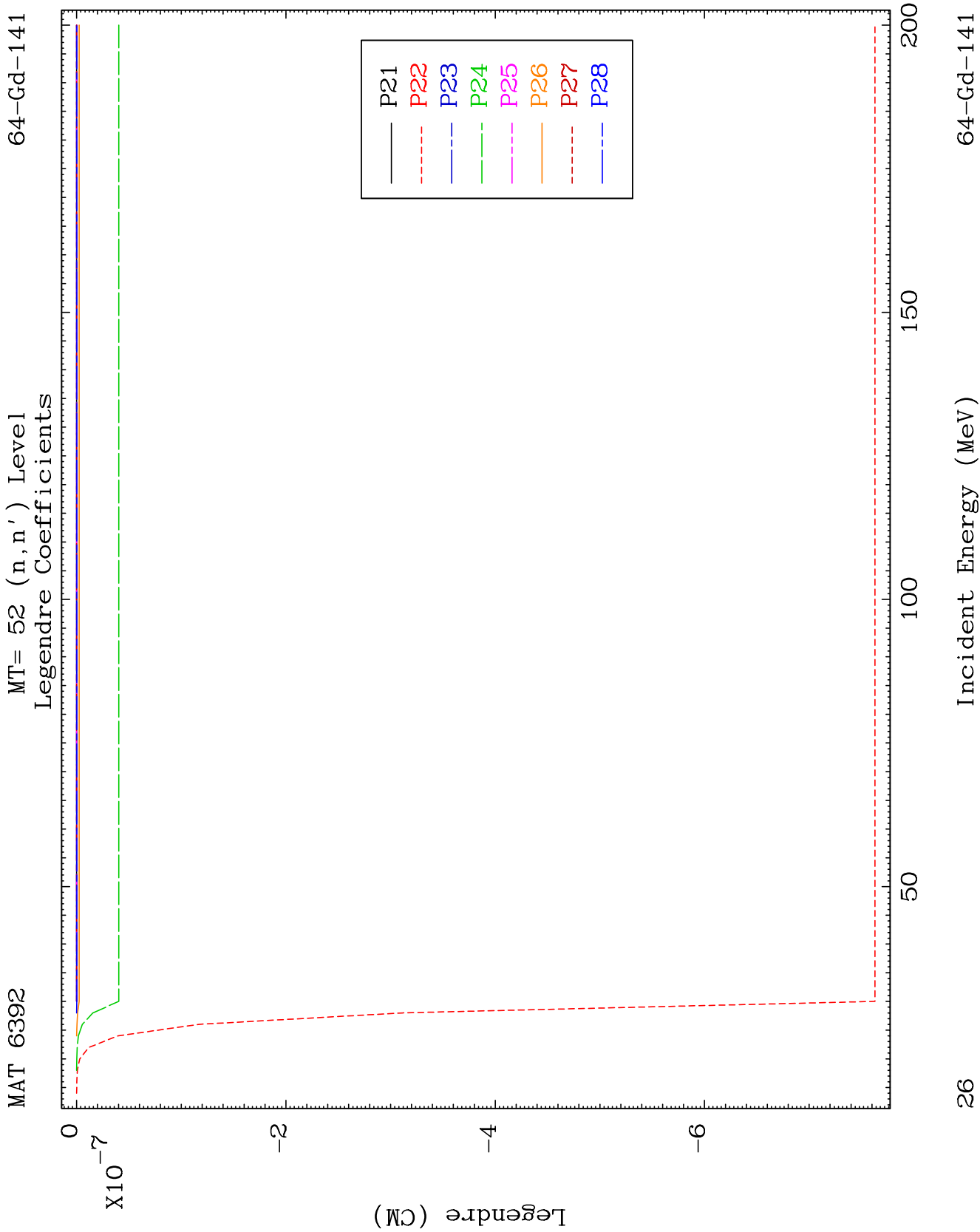
MAT 6392

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

64-Gd-141



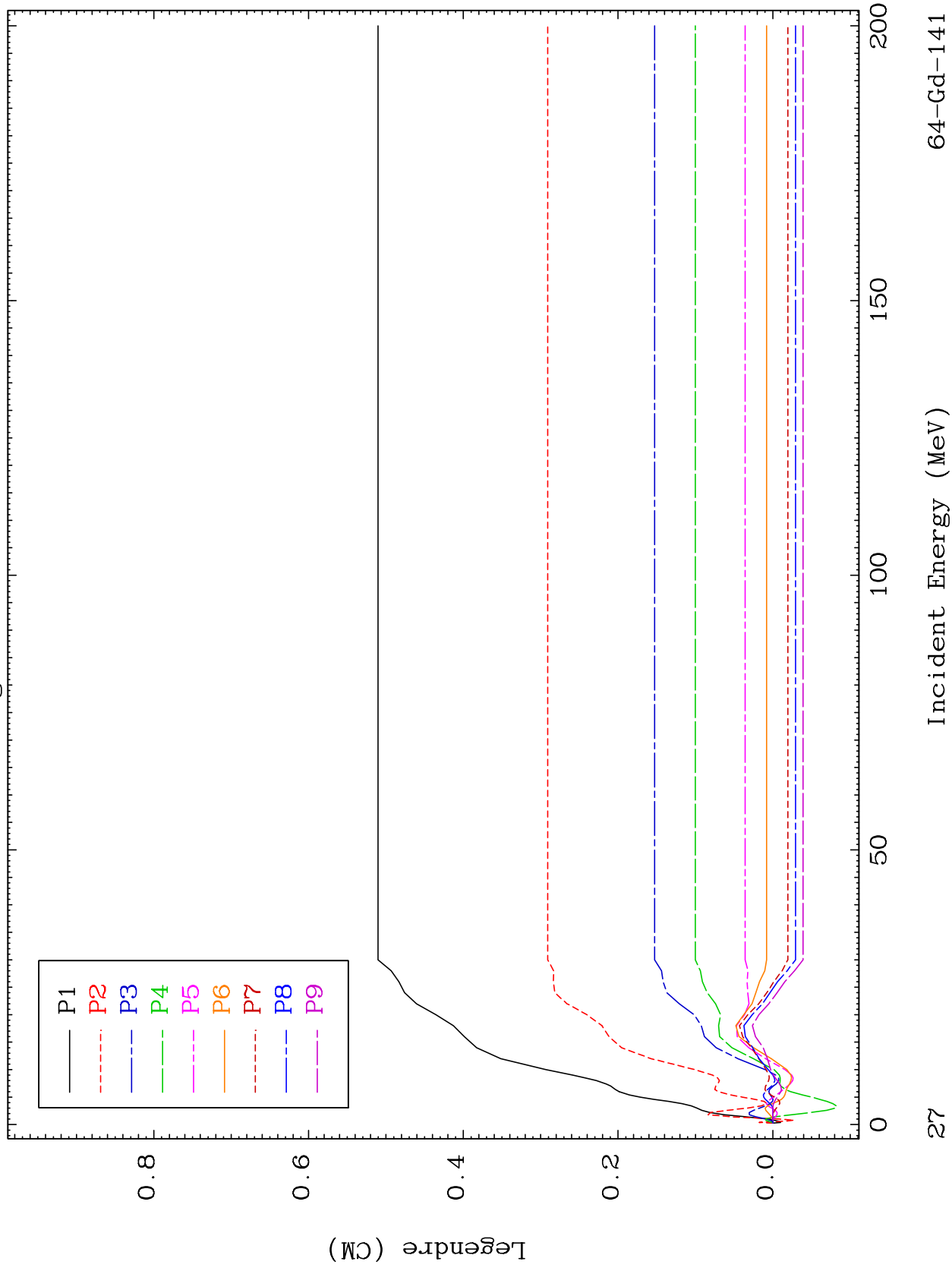




MAT 6392

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

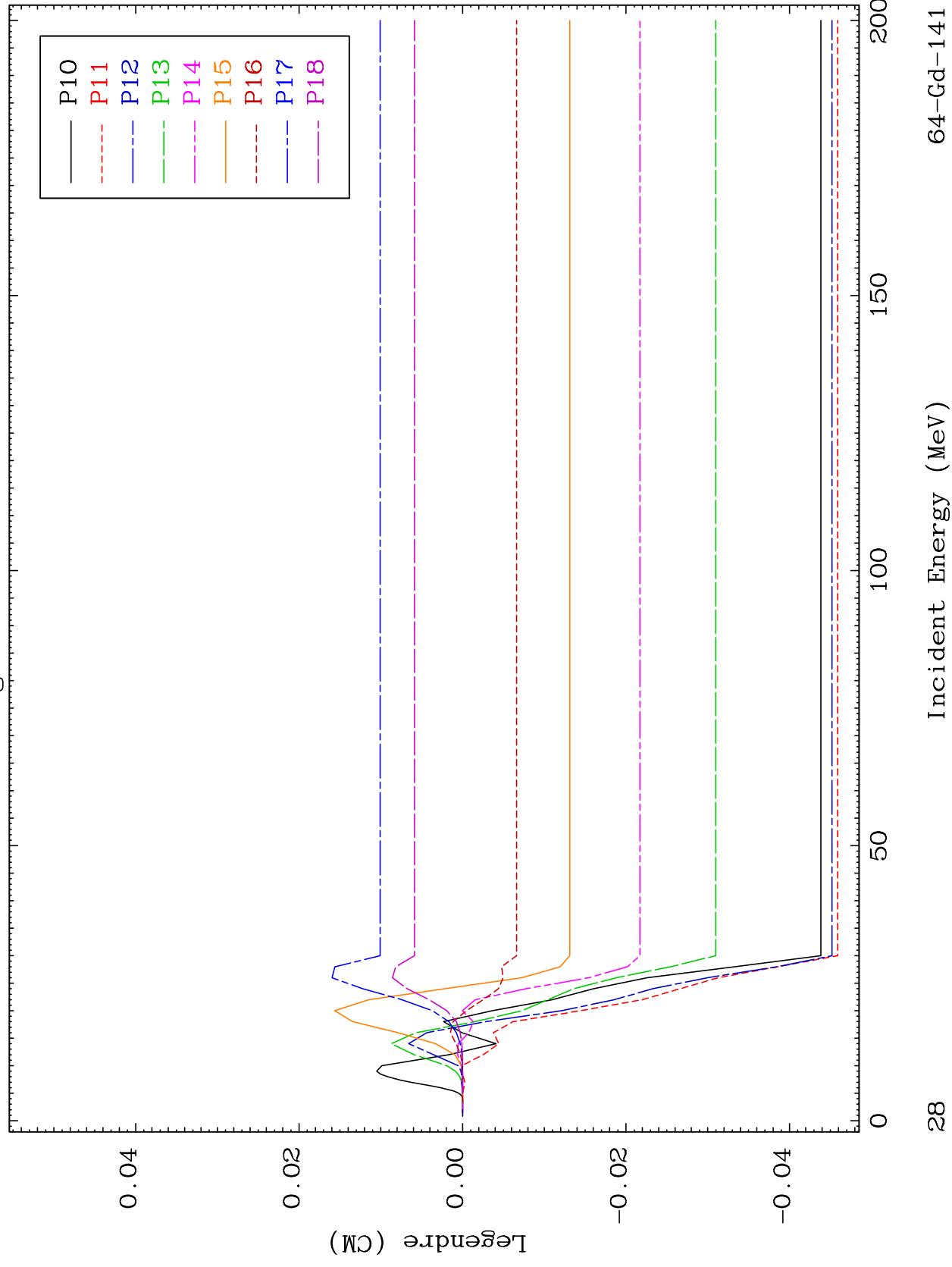
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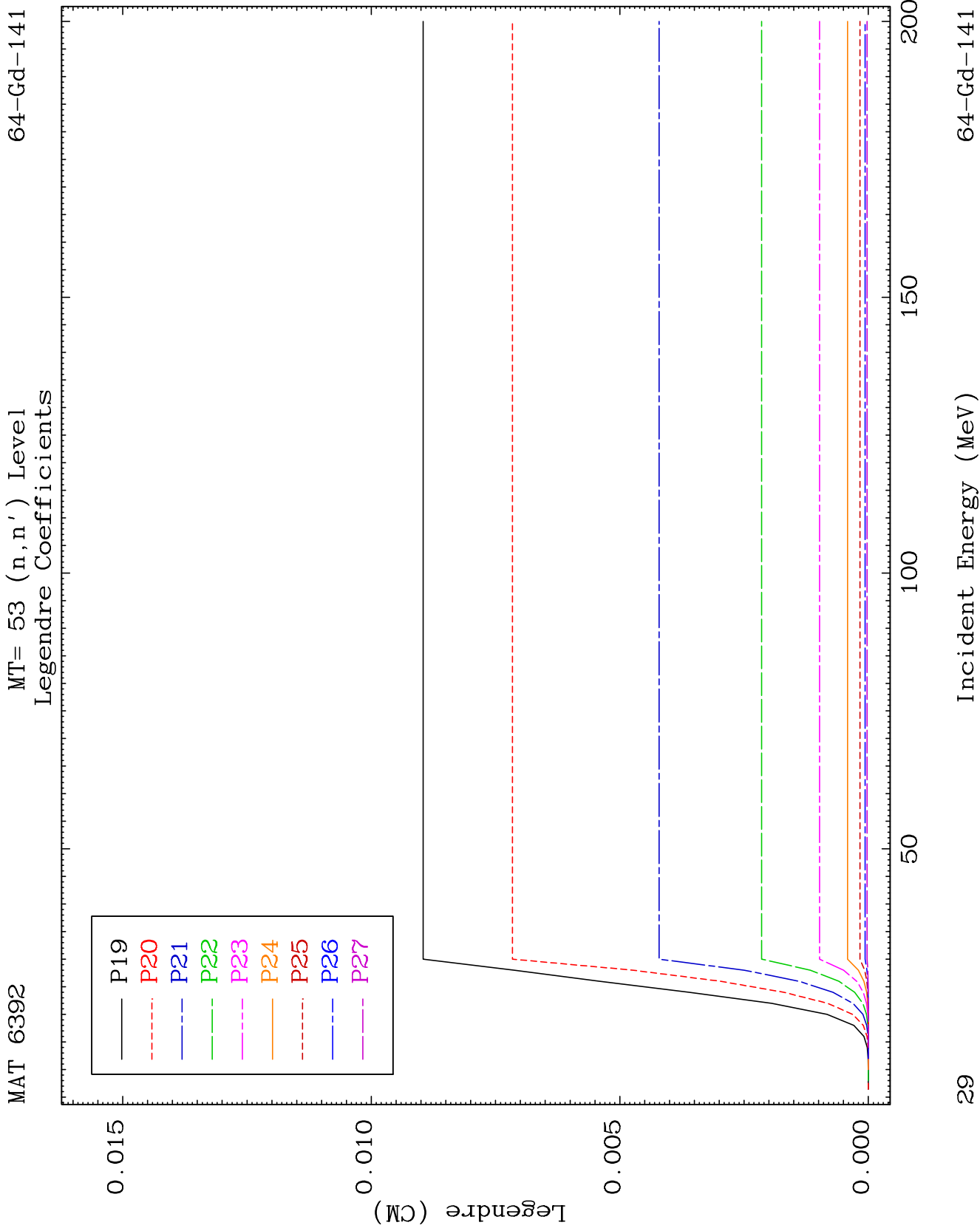


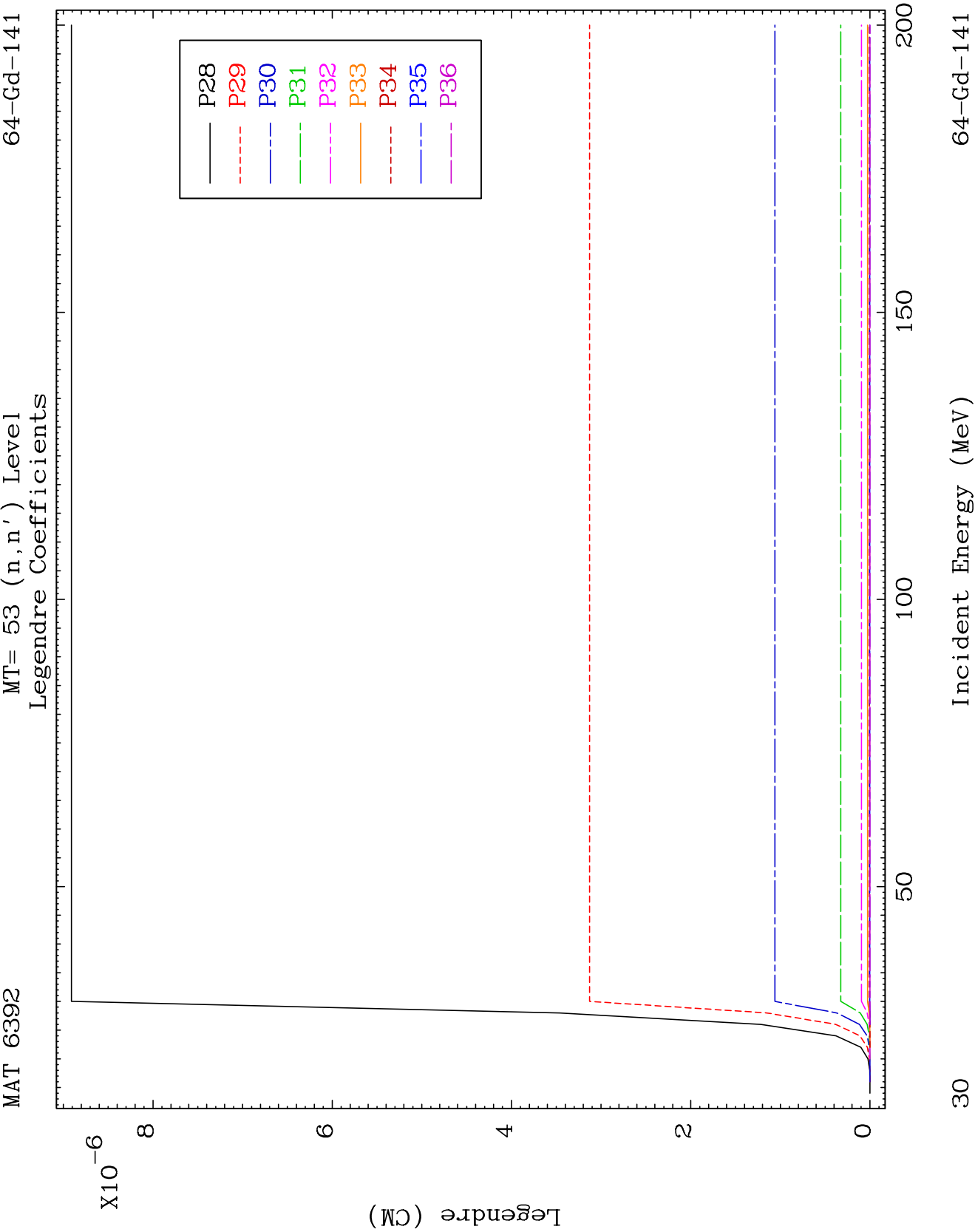
MAT 6392

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

64-Gd-141



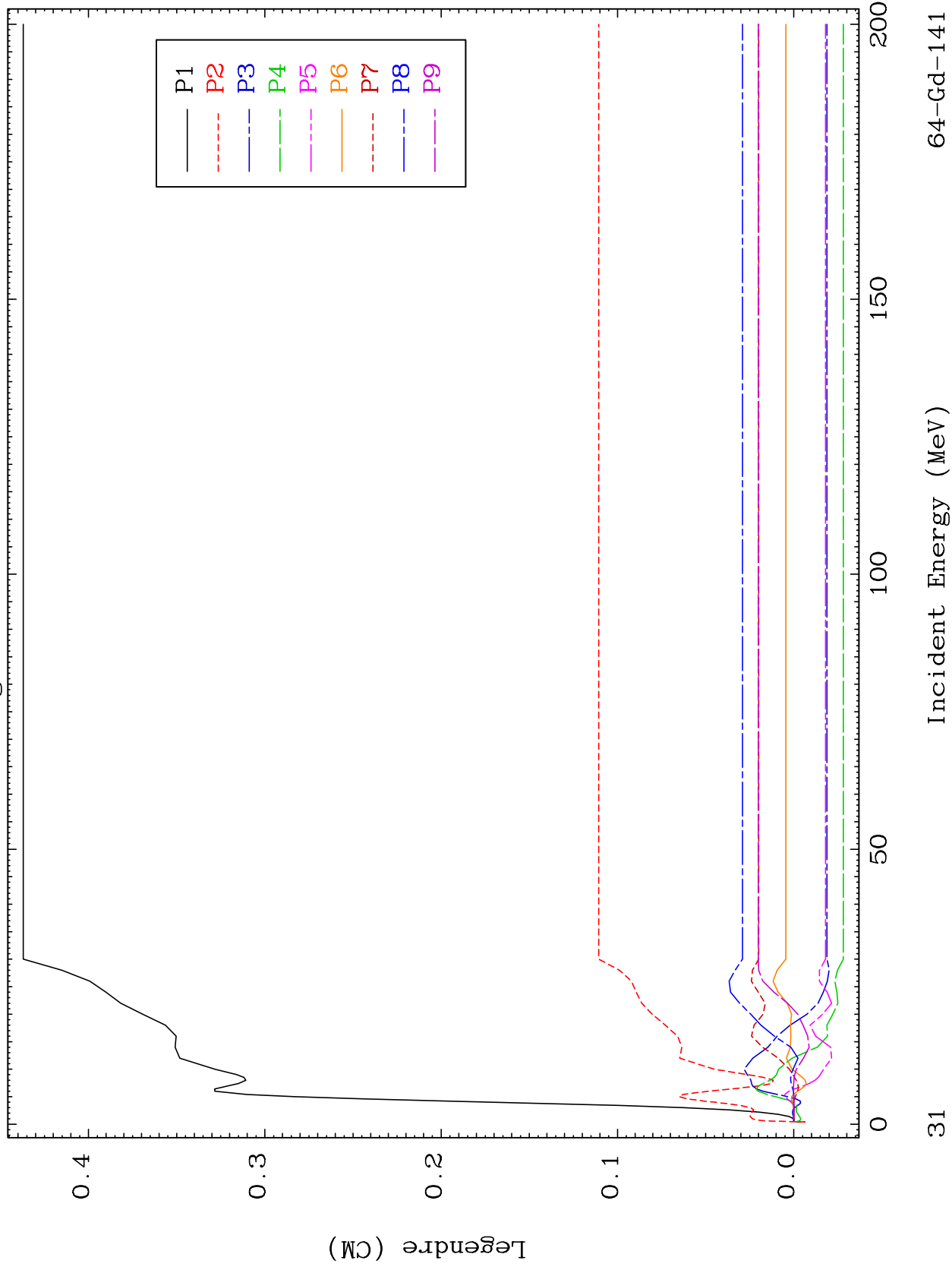


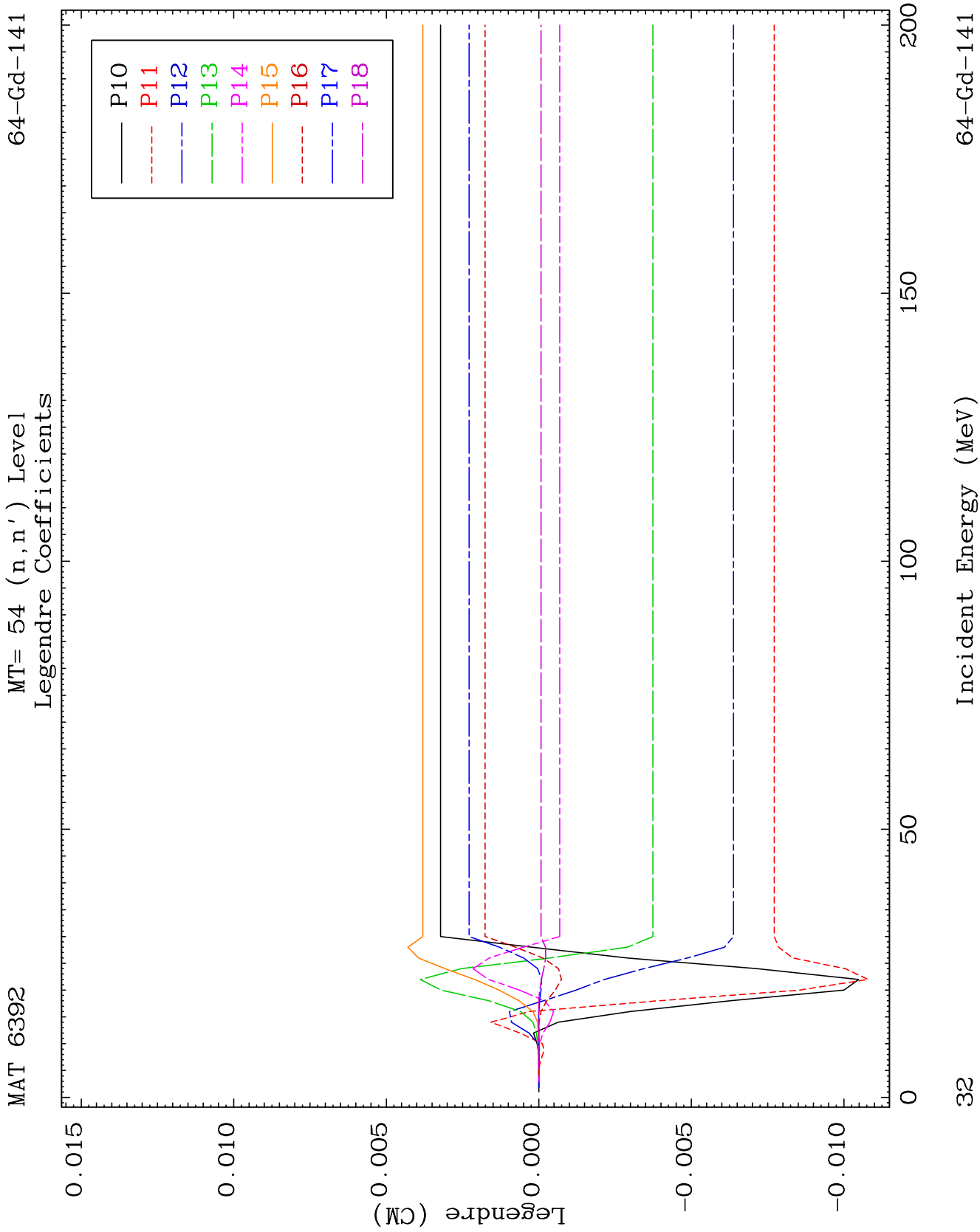


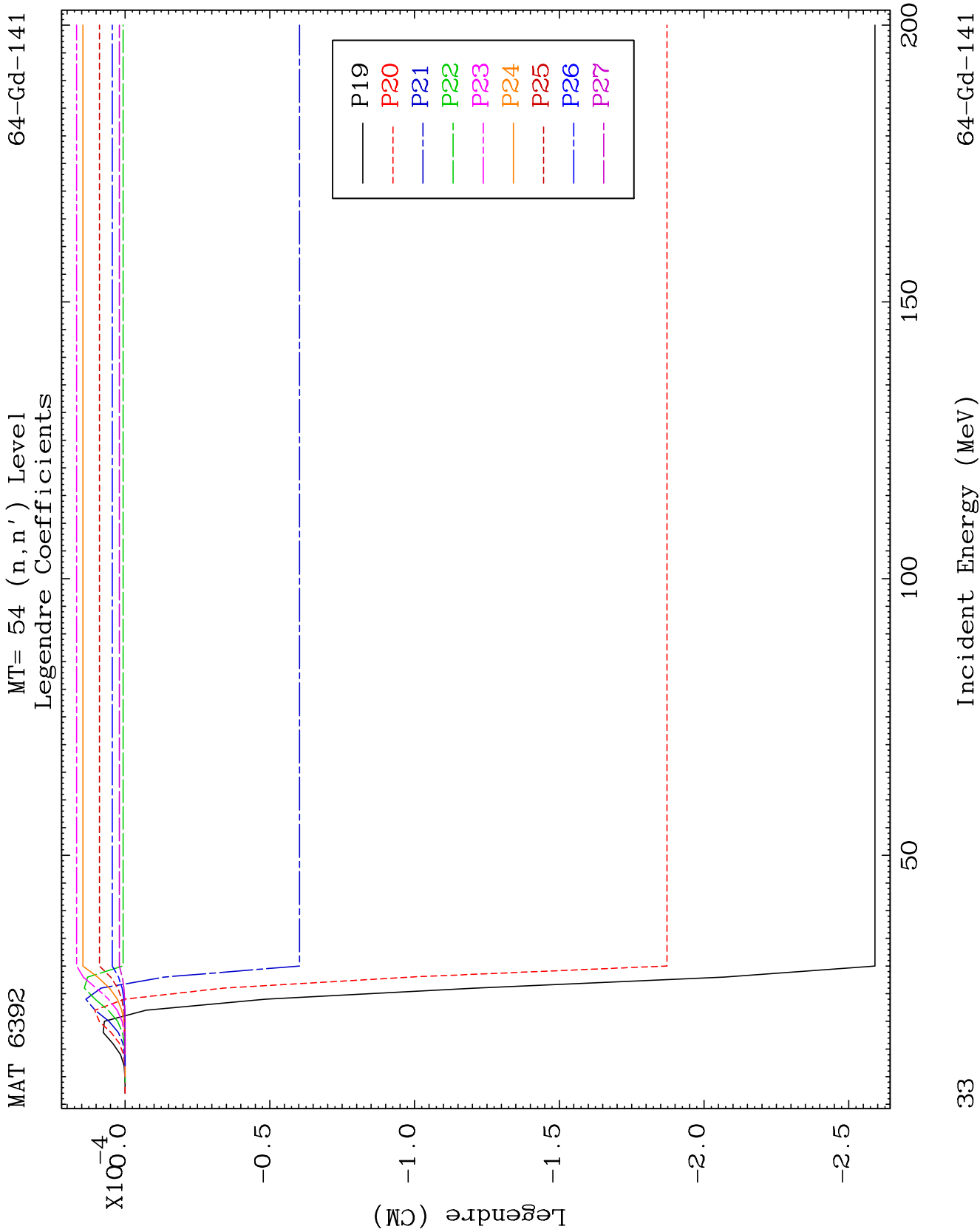
MAT 6392

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

64-Gd-141



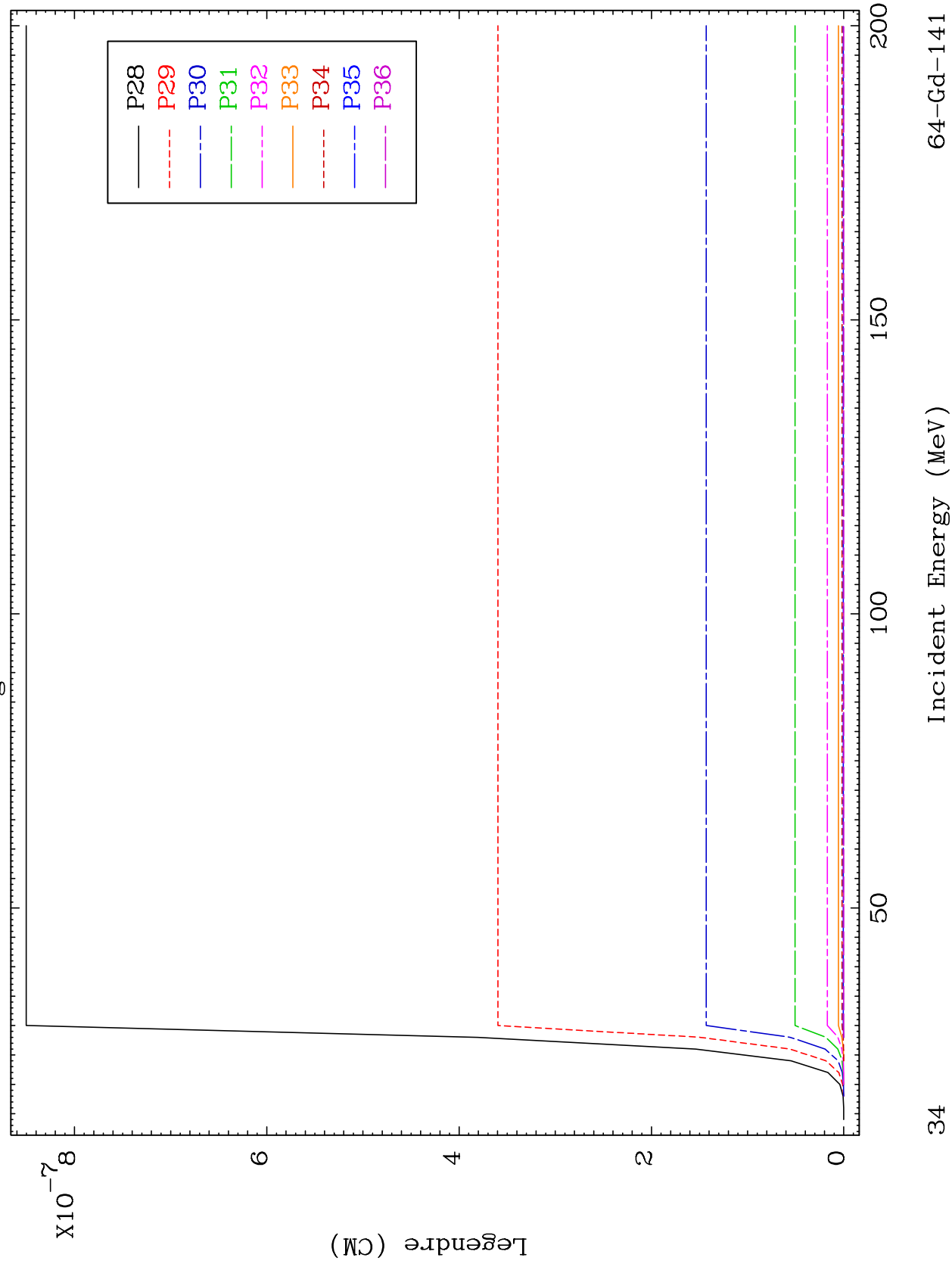


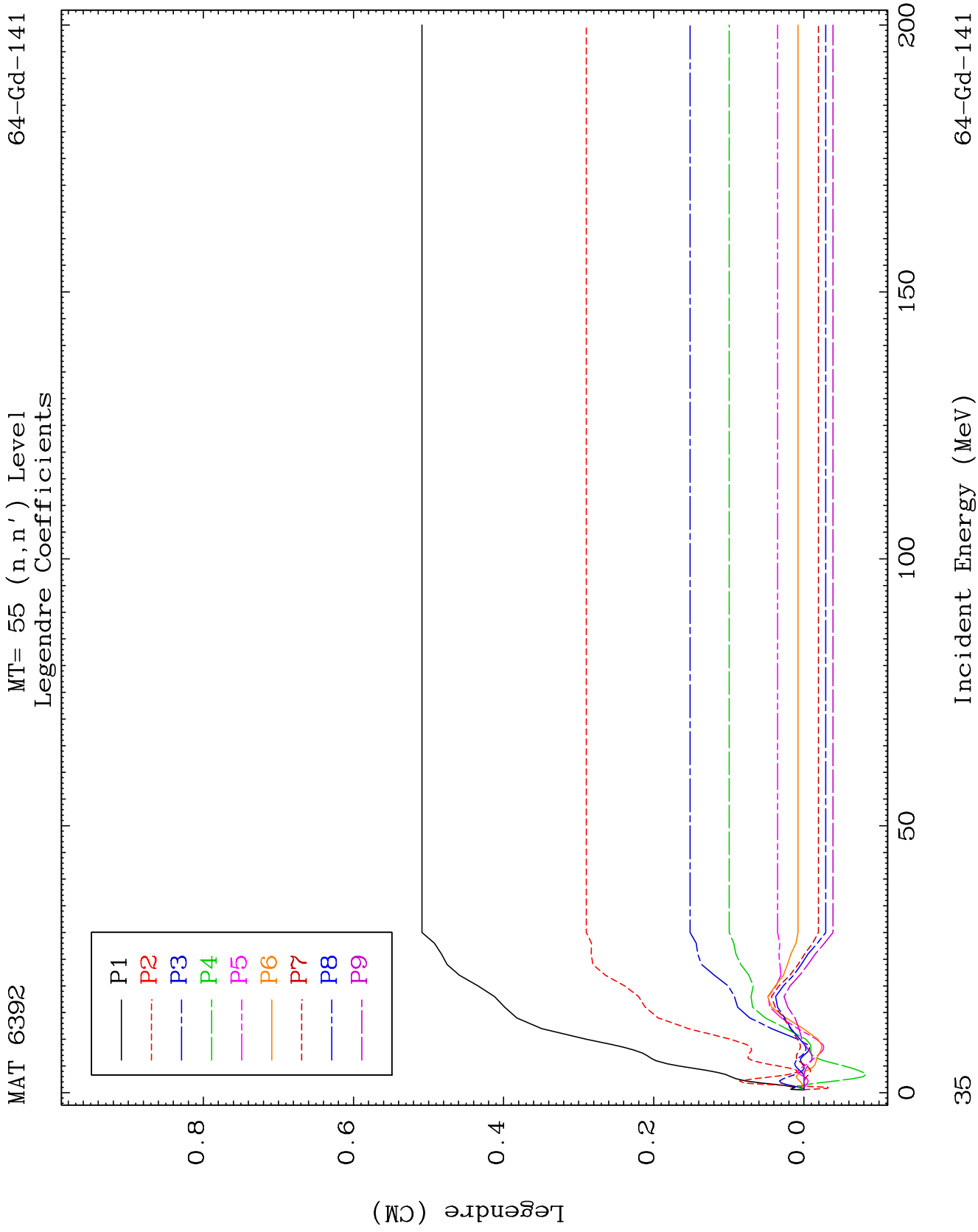


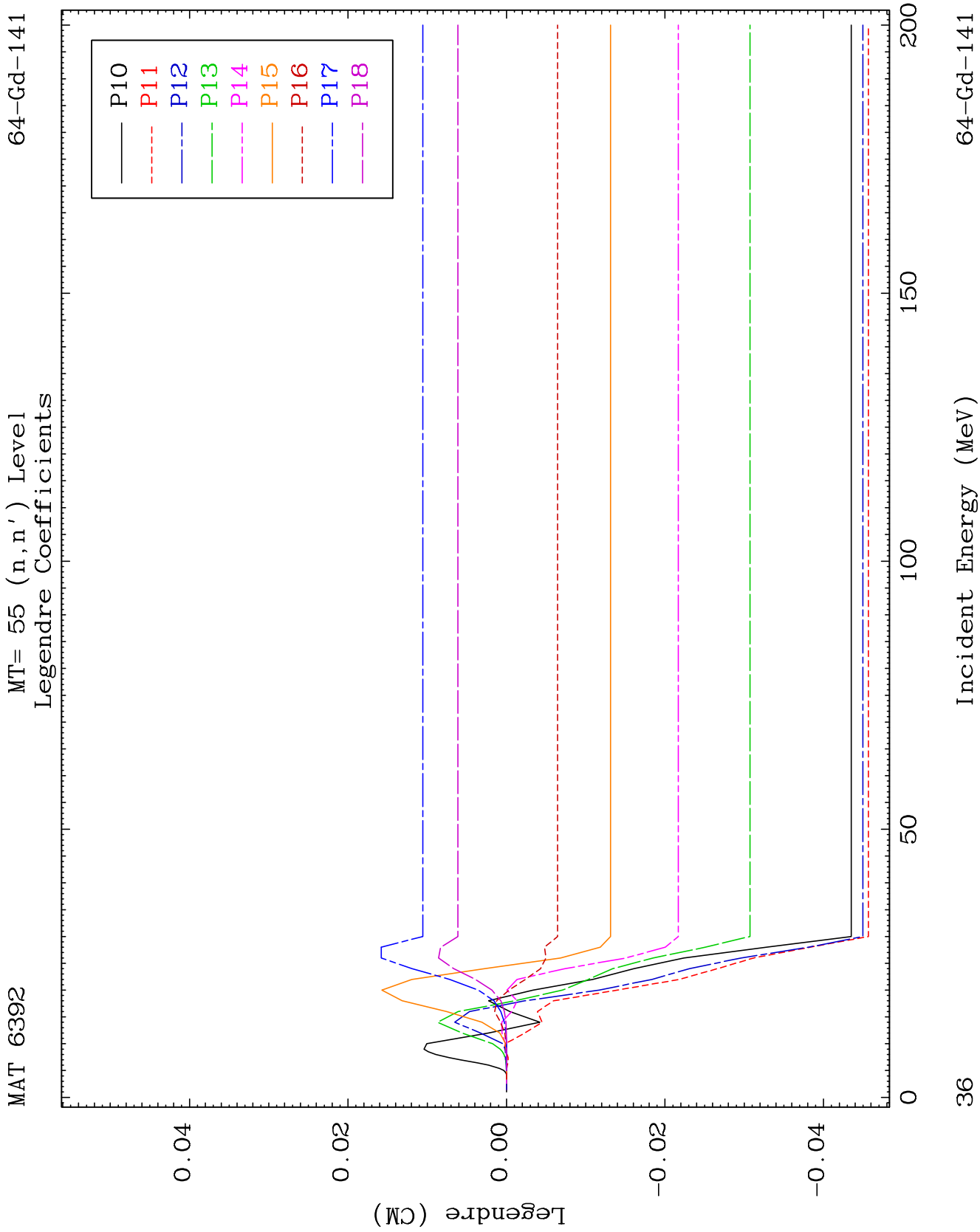
MAT 6392

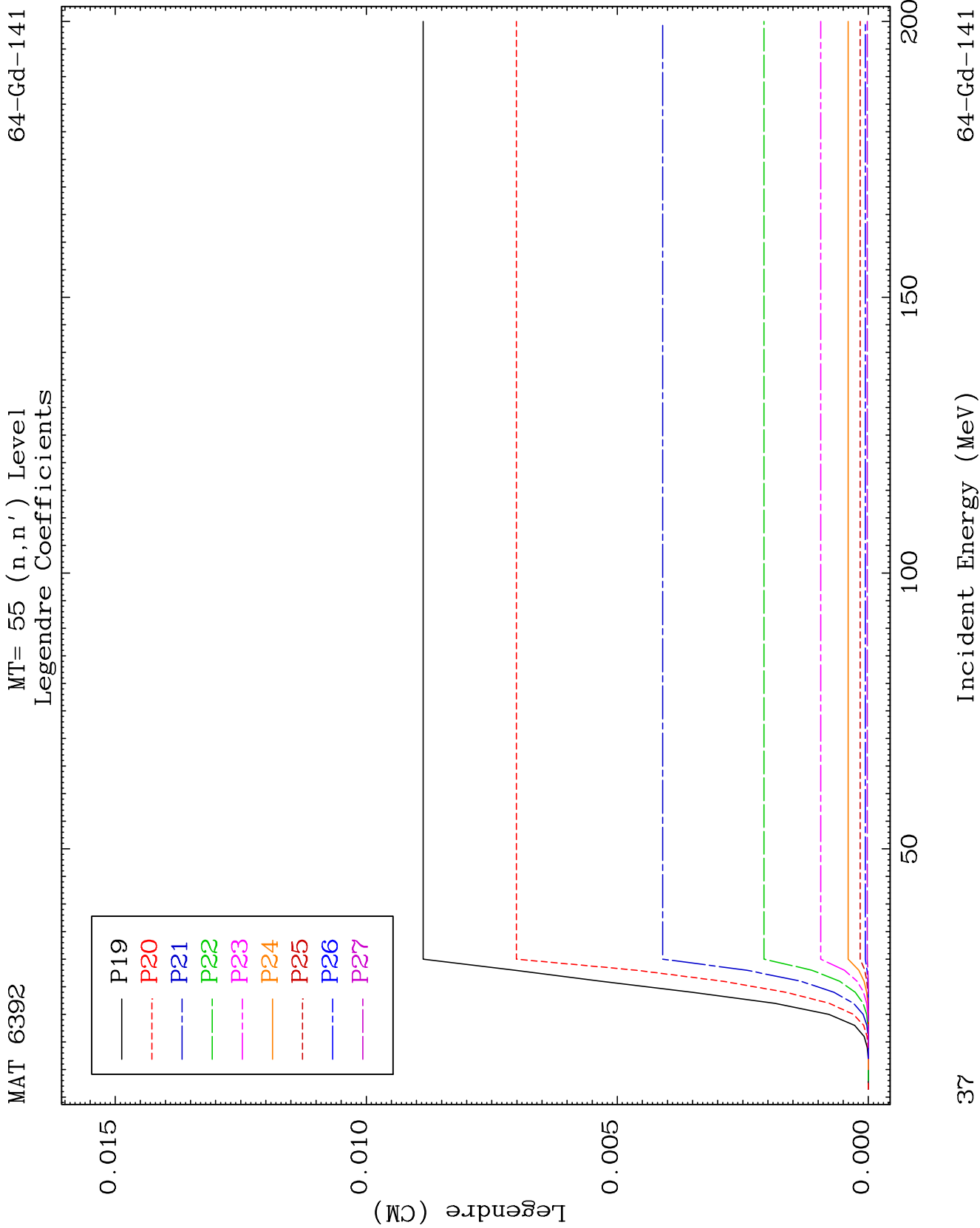
MT= 54 (n, n') Level
Legendre Coefficients

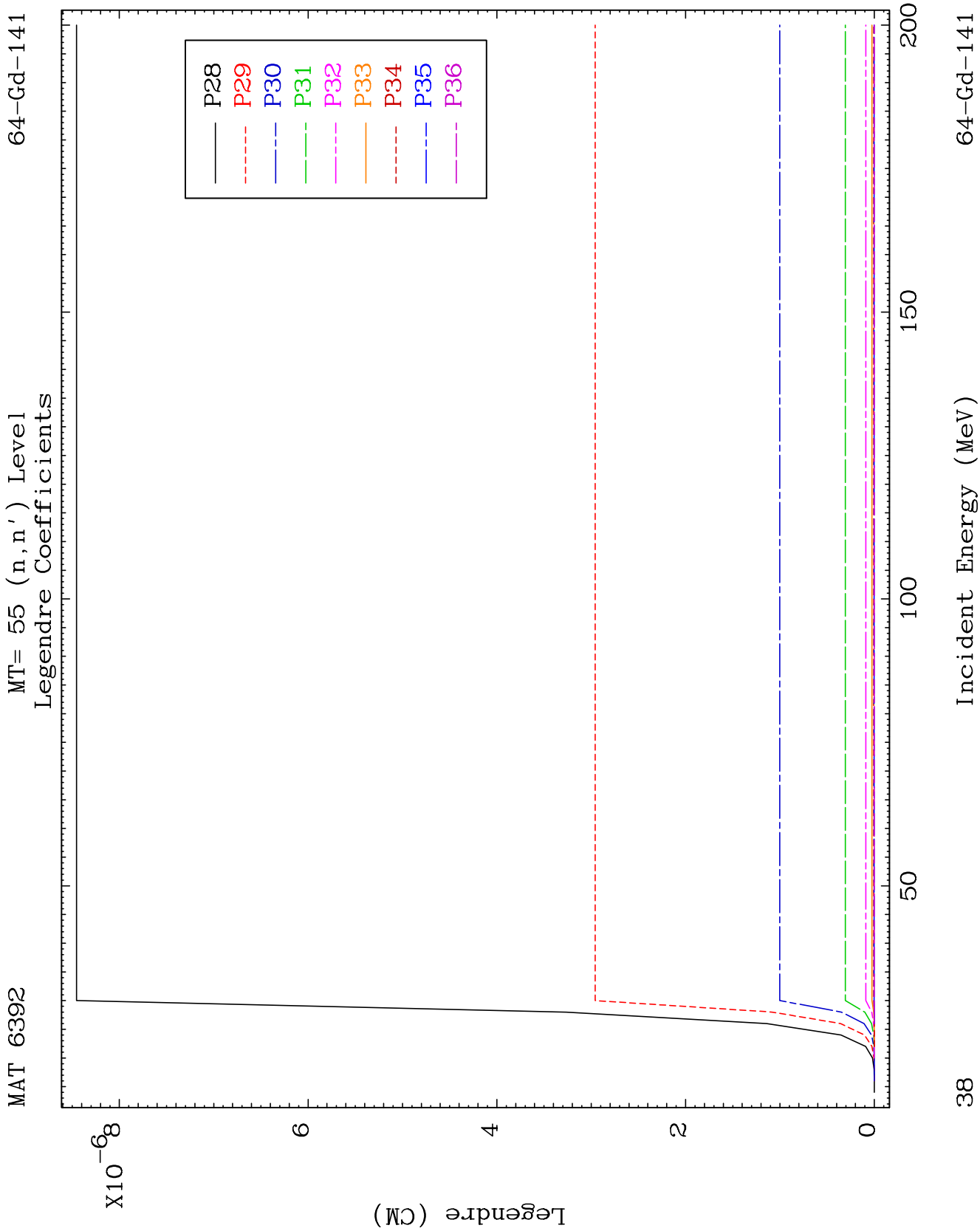
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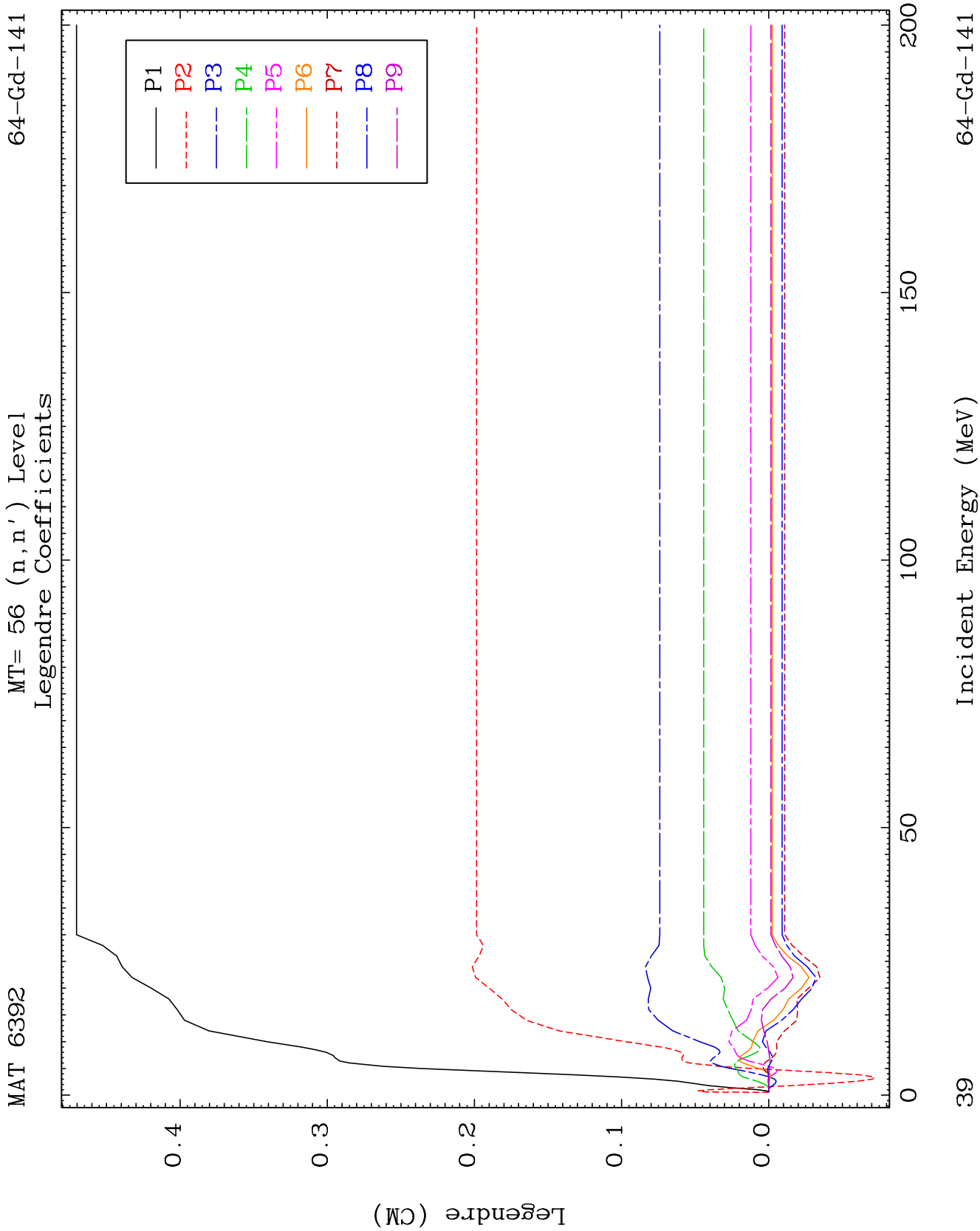








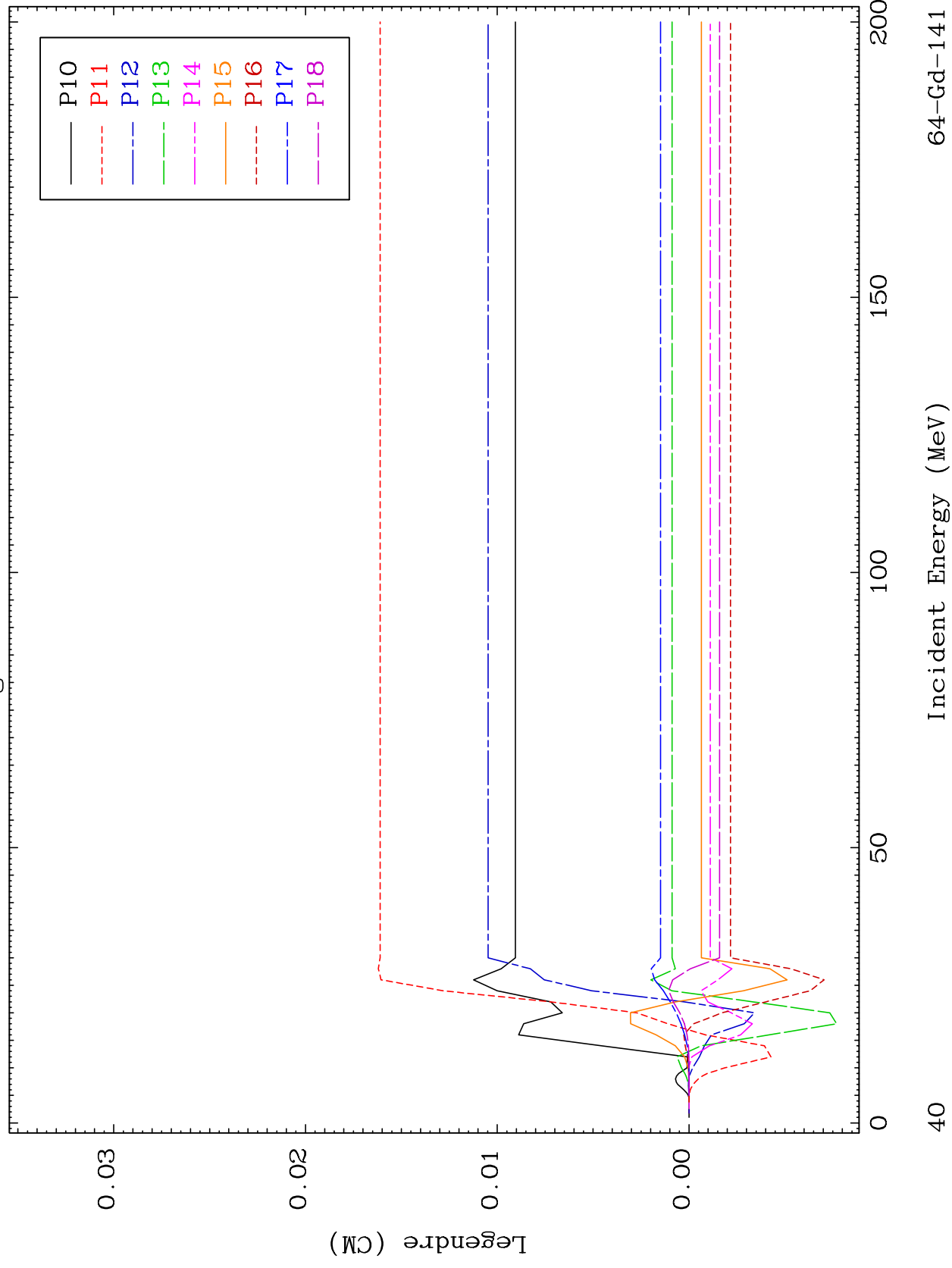


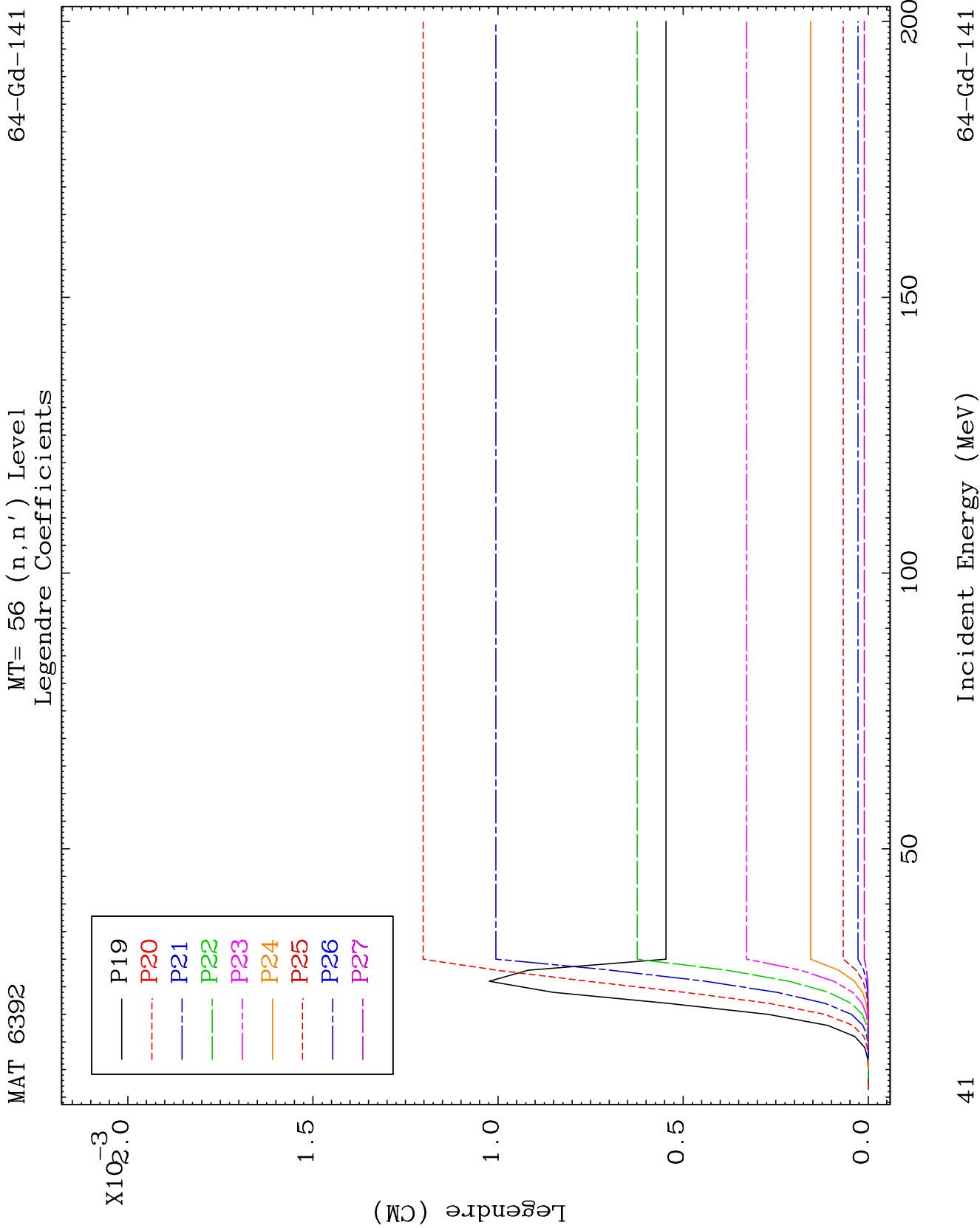


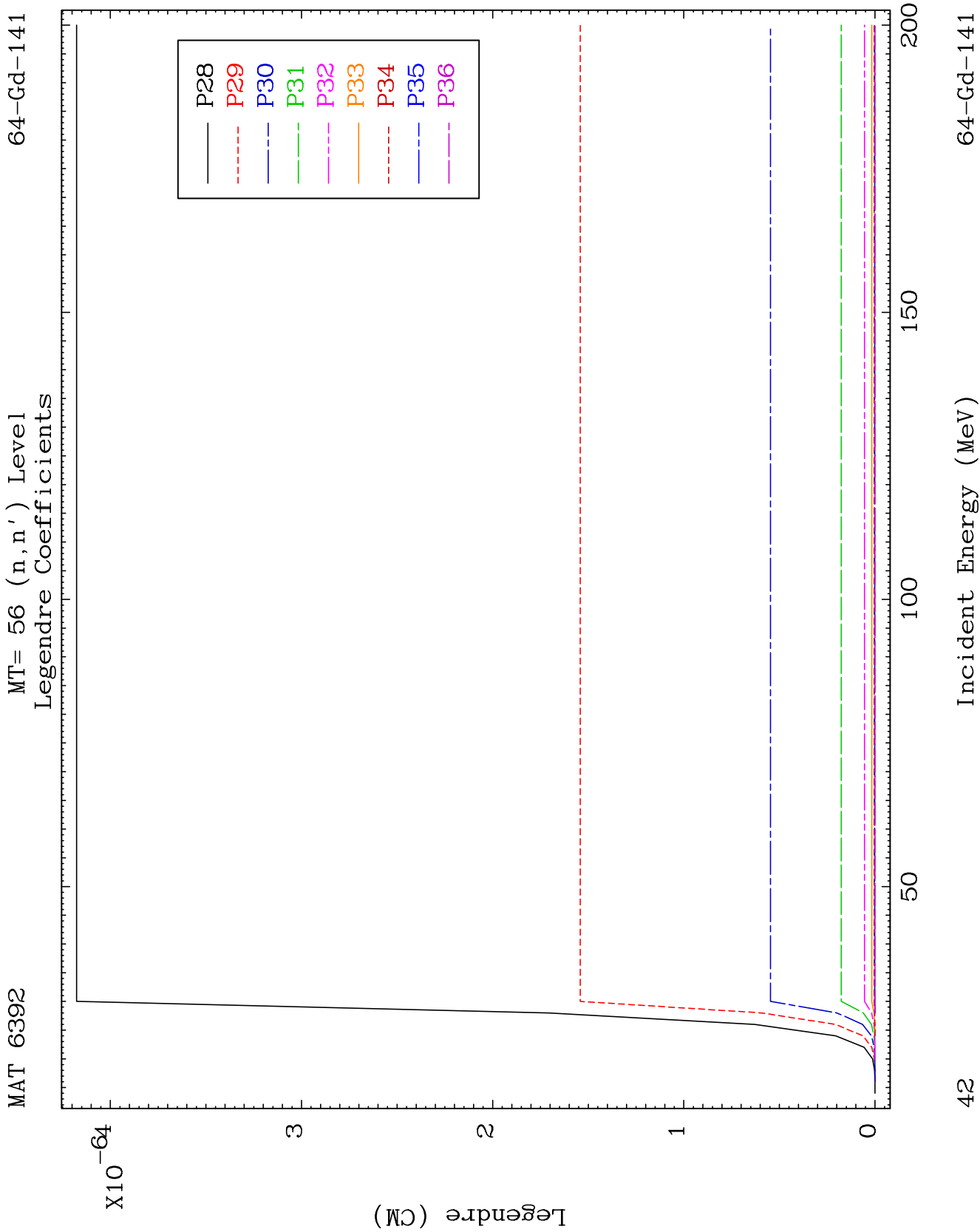
MAT 6392

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

64-Gd-141



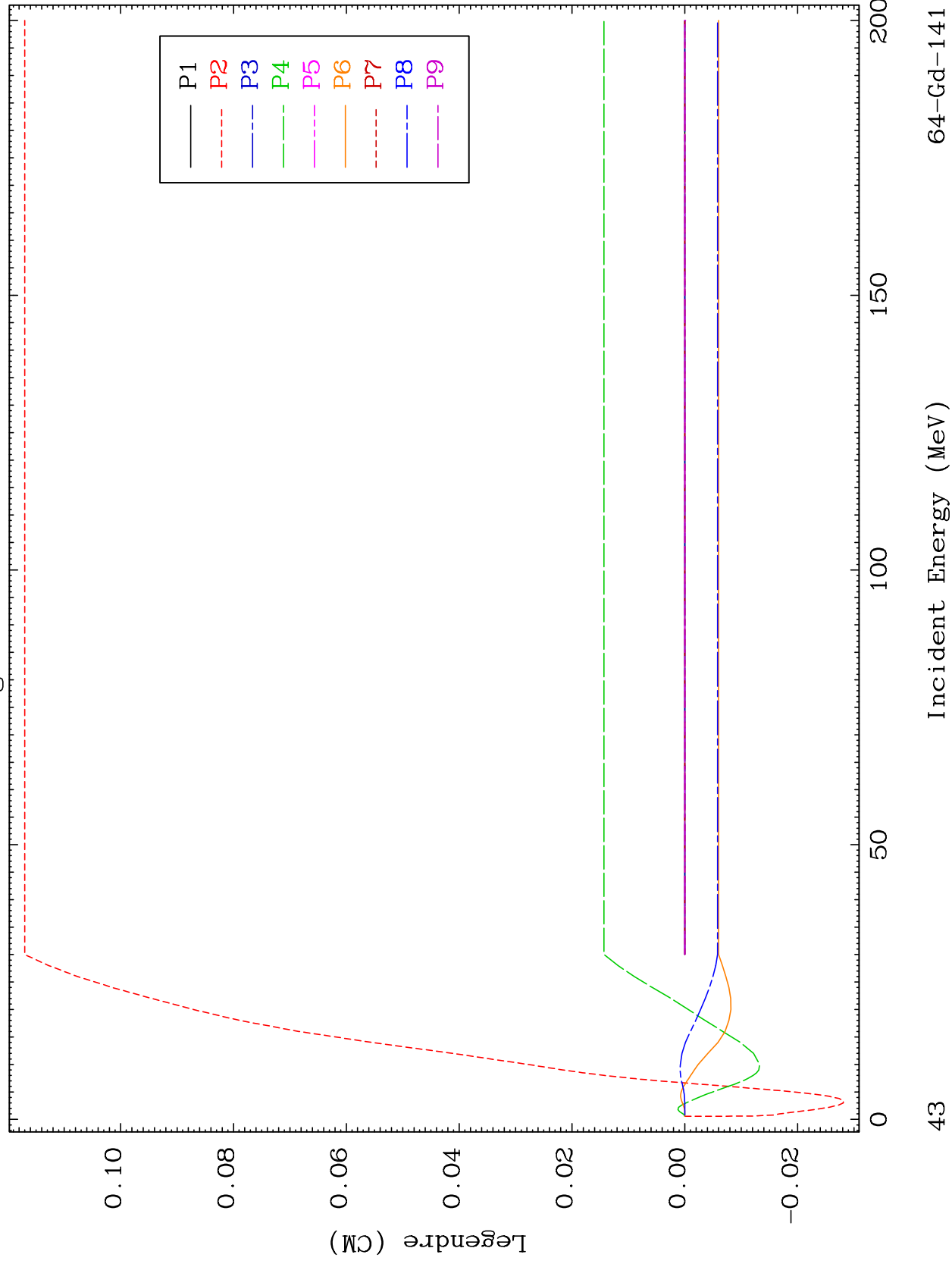


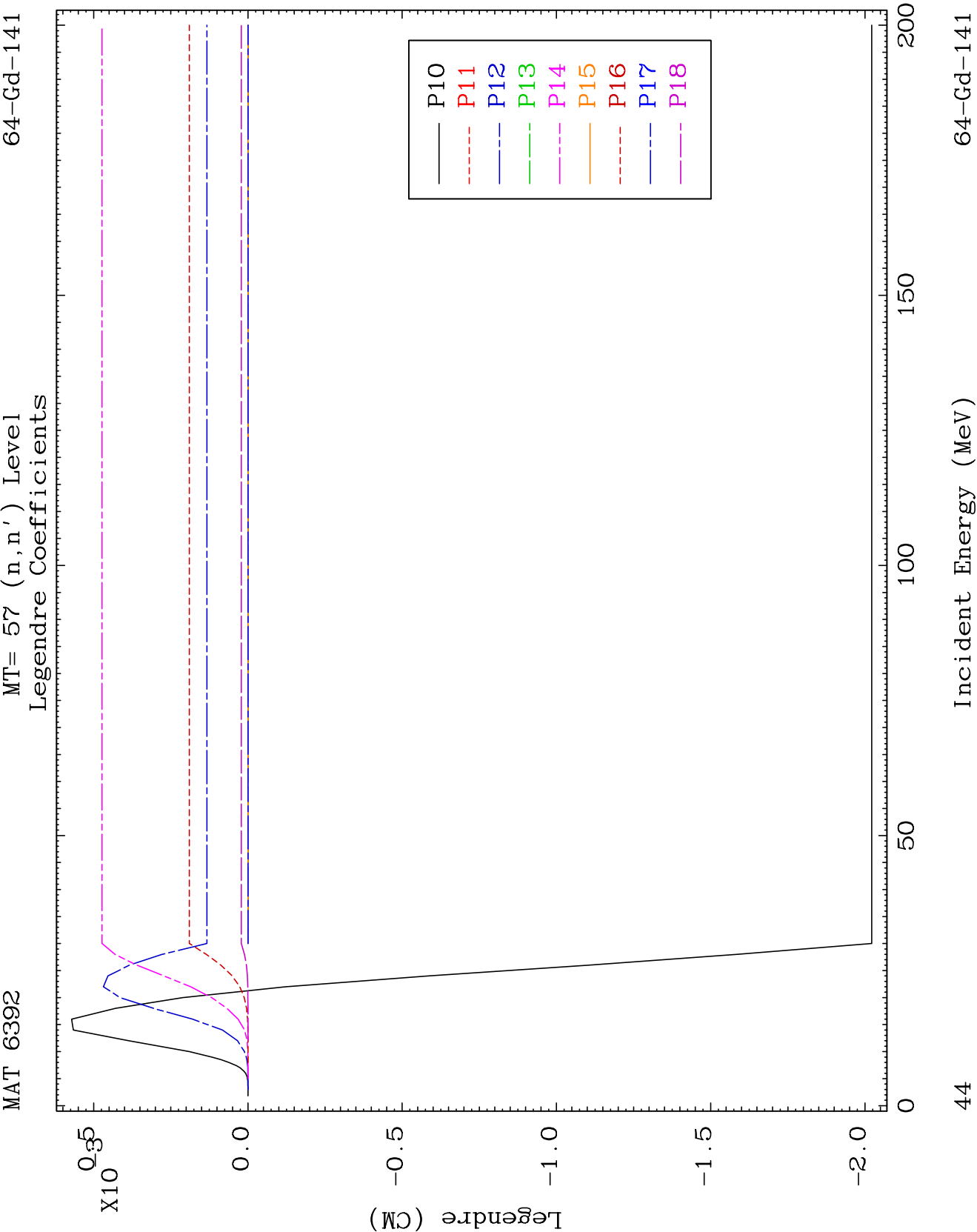


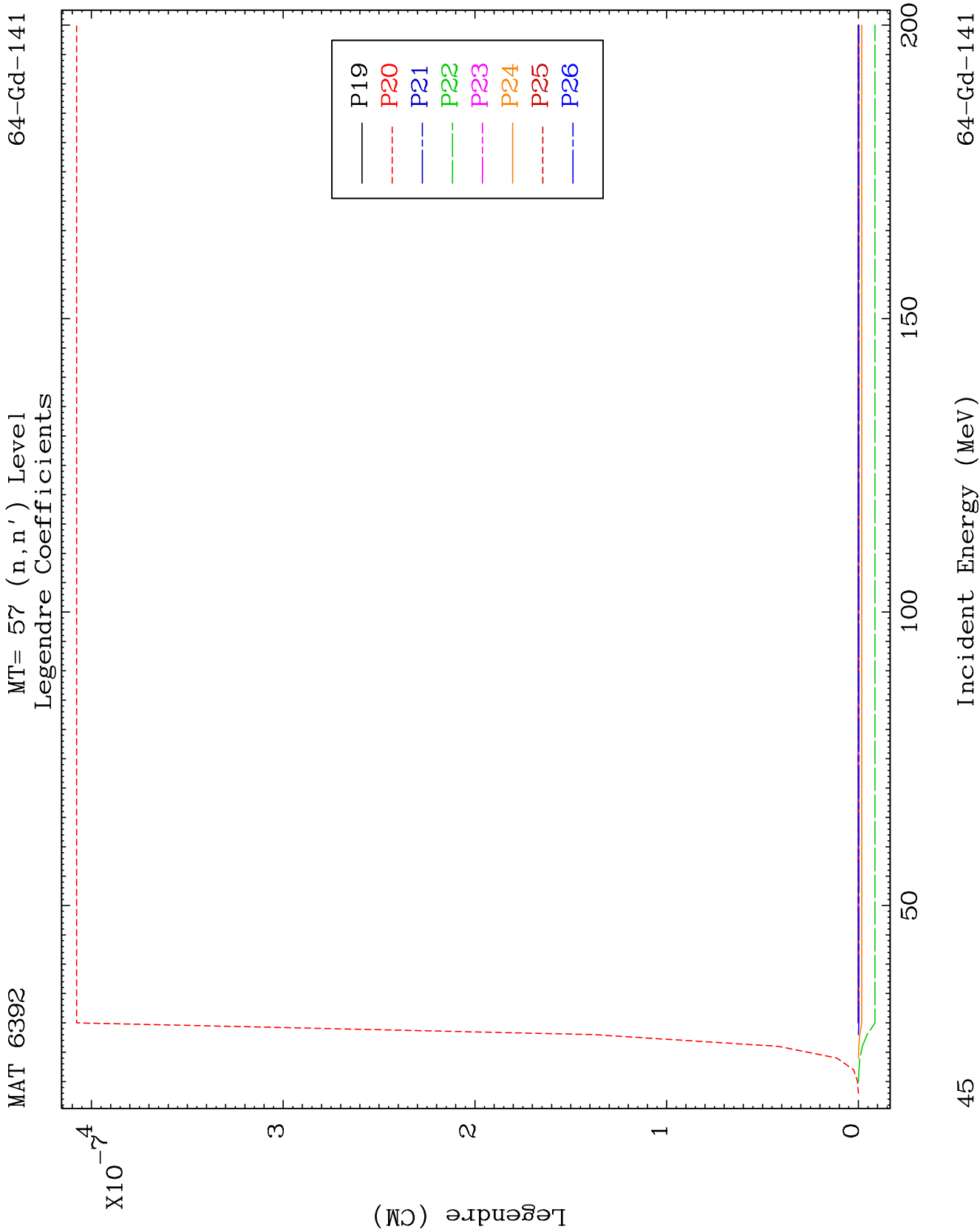
MAT 6392

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

64-Gd-141



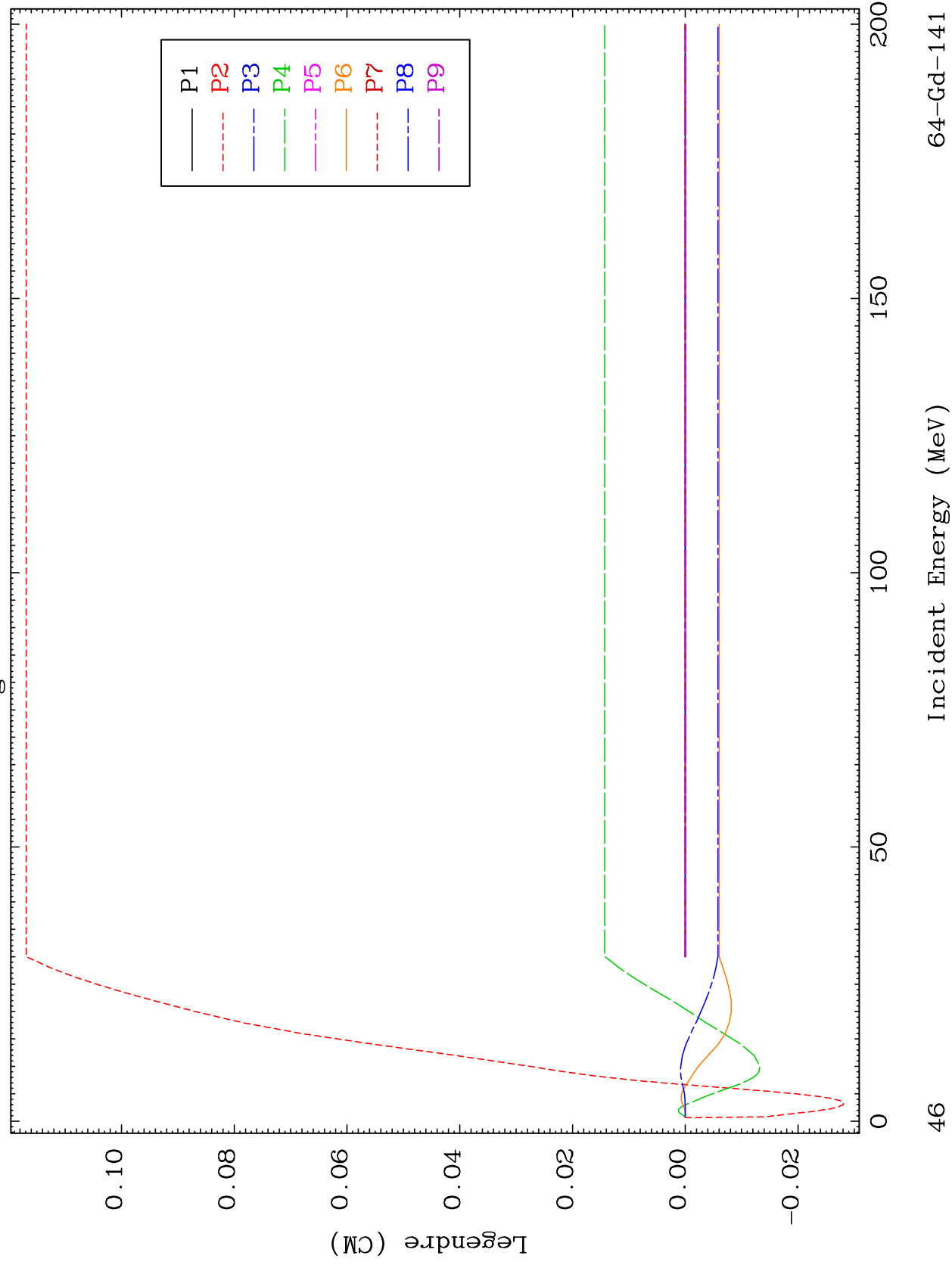


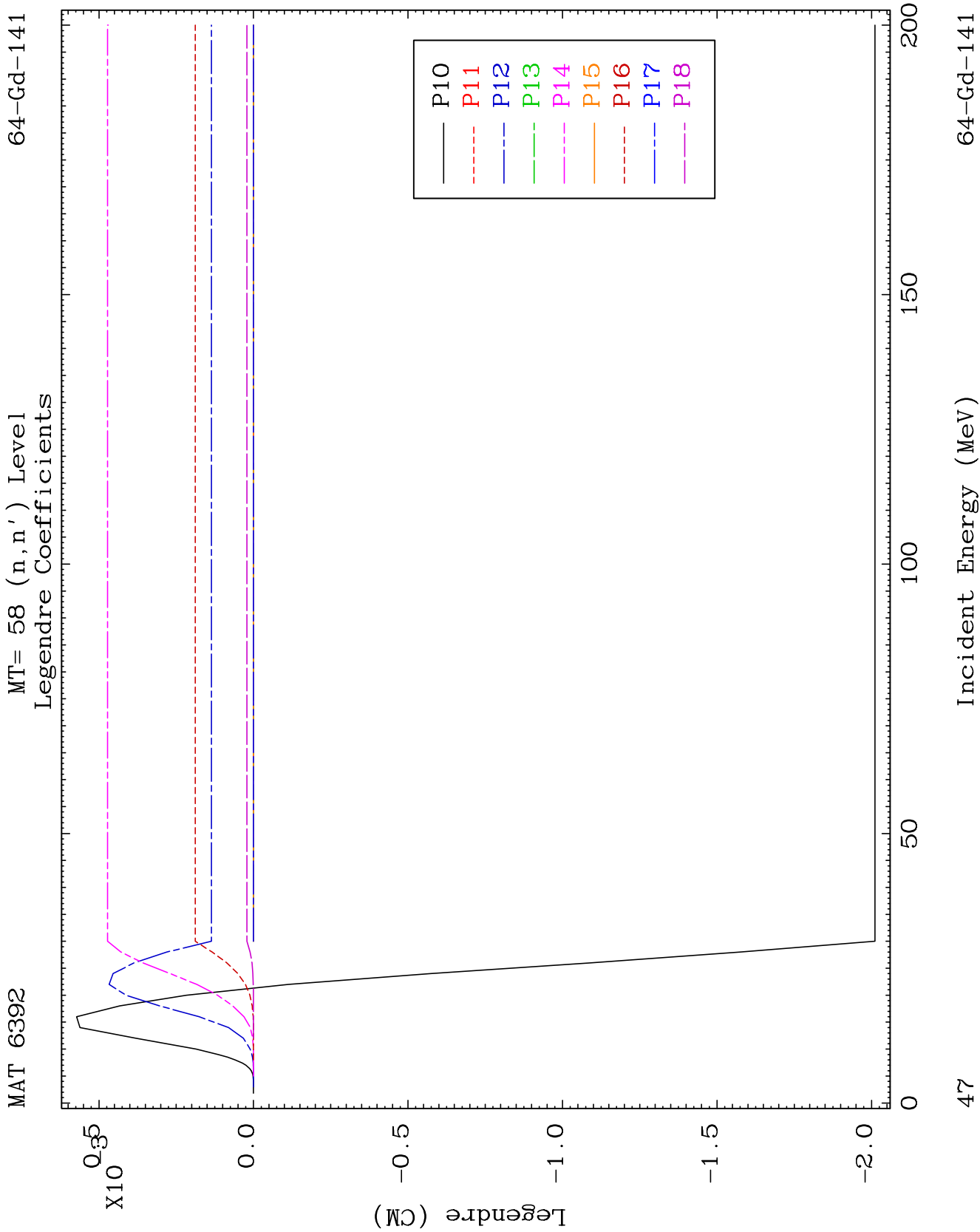


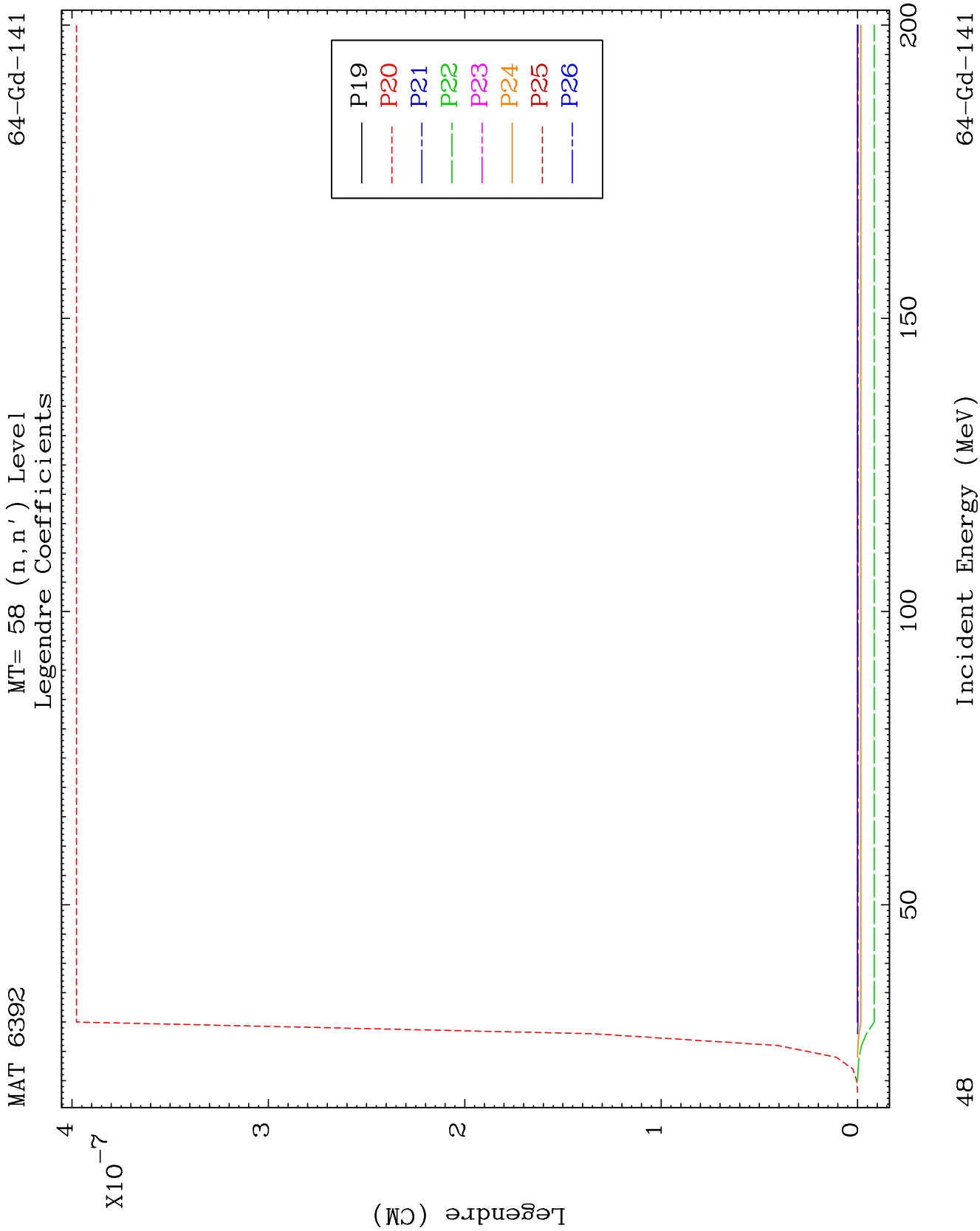
MAT 6392

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

64-Gd-141



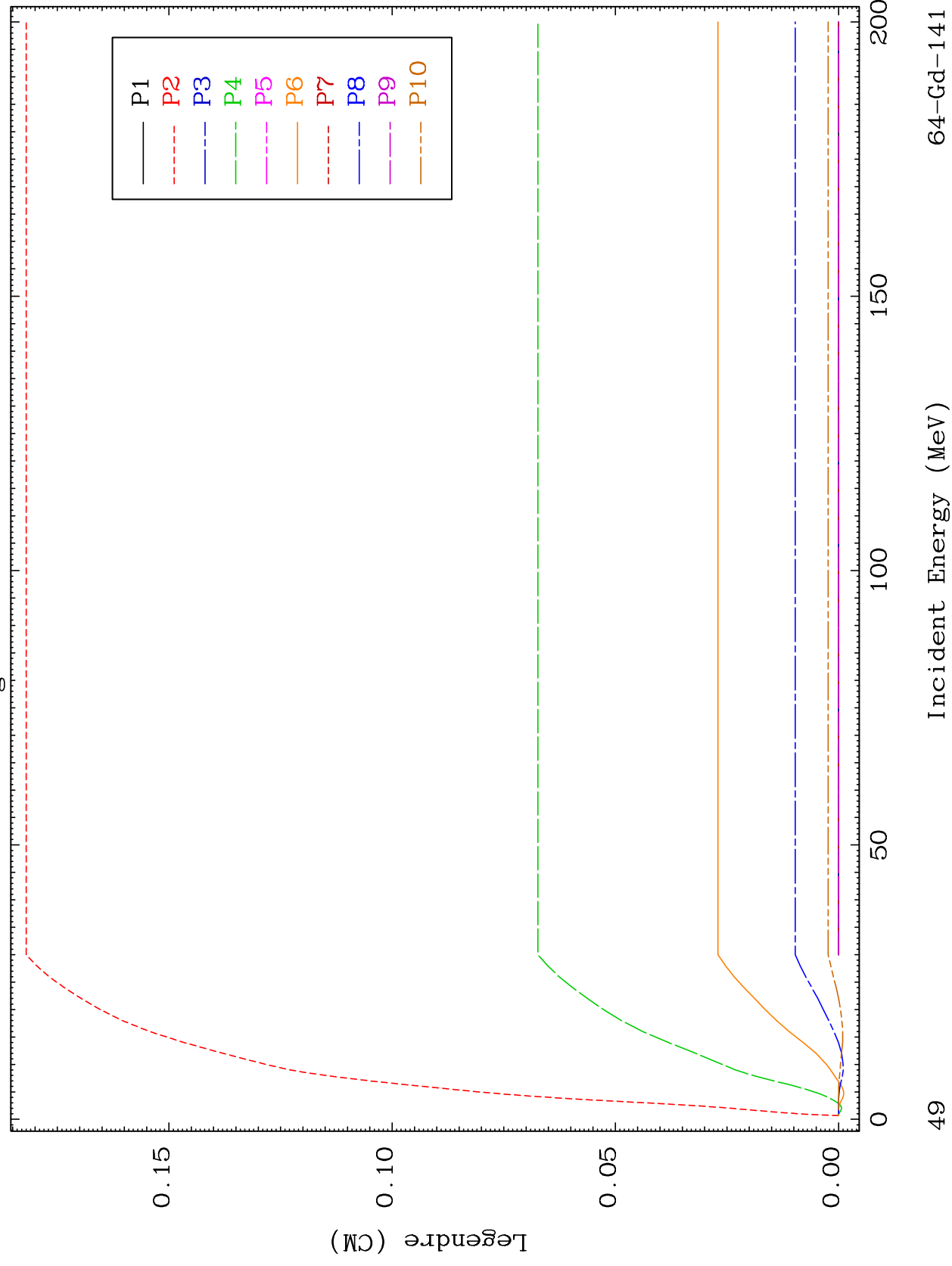




MAT 6392

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

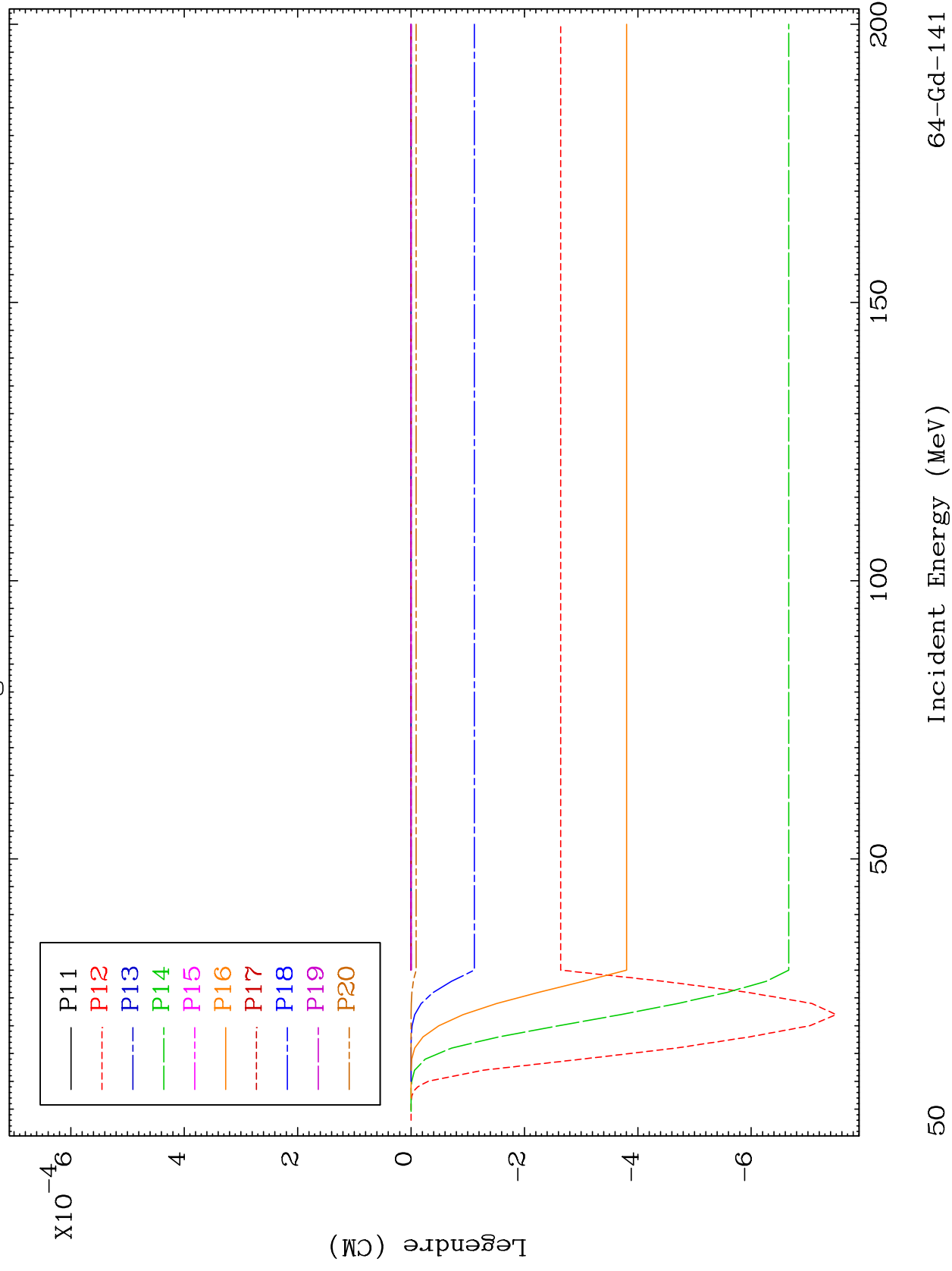
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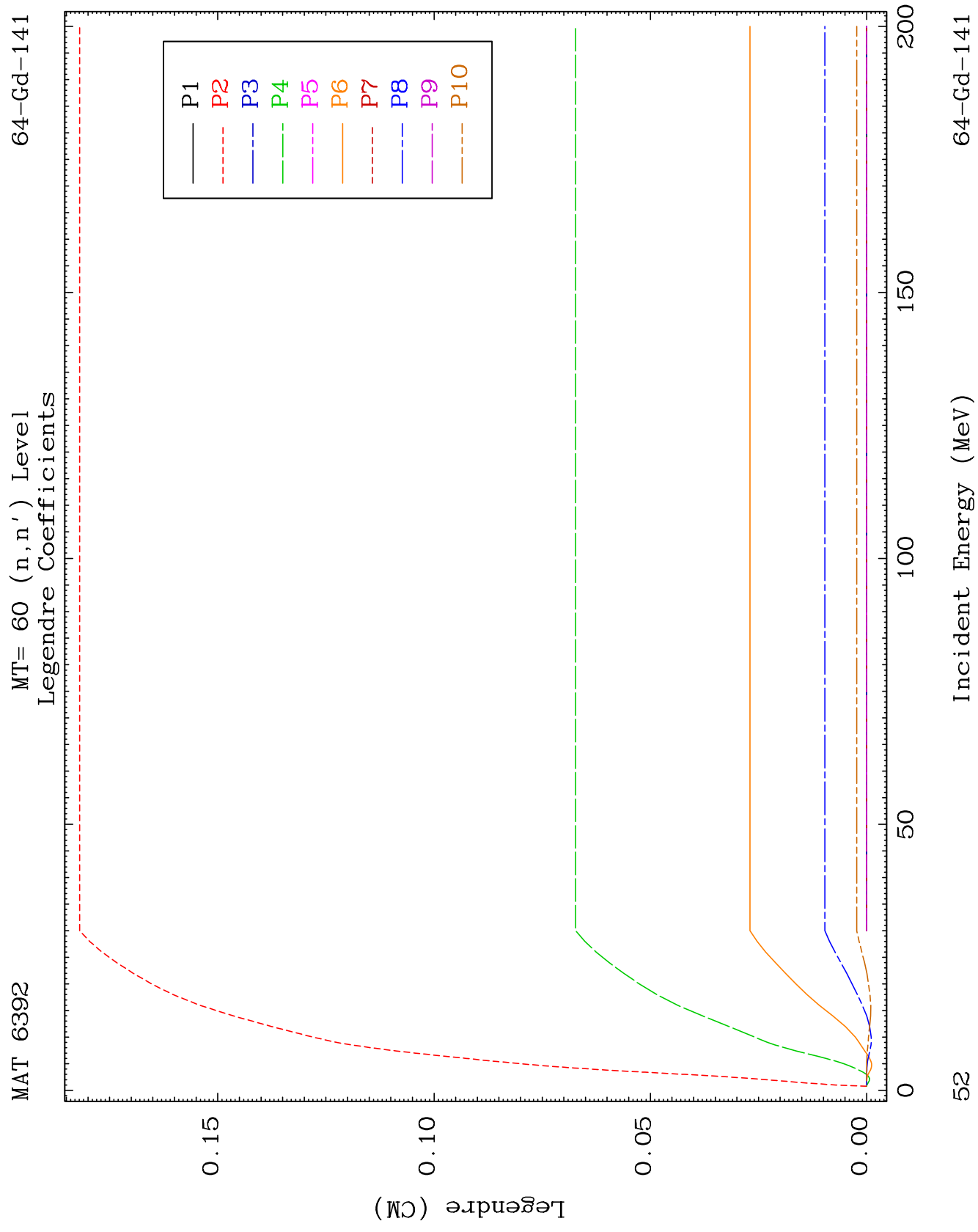


MAT 6392

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

64-Gd-141

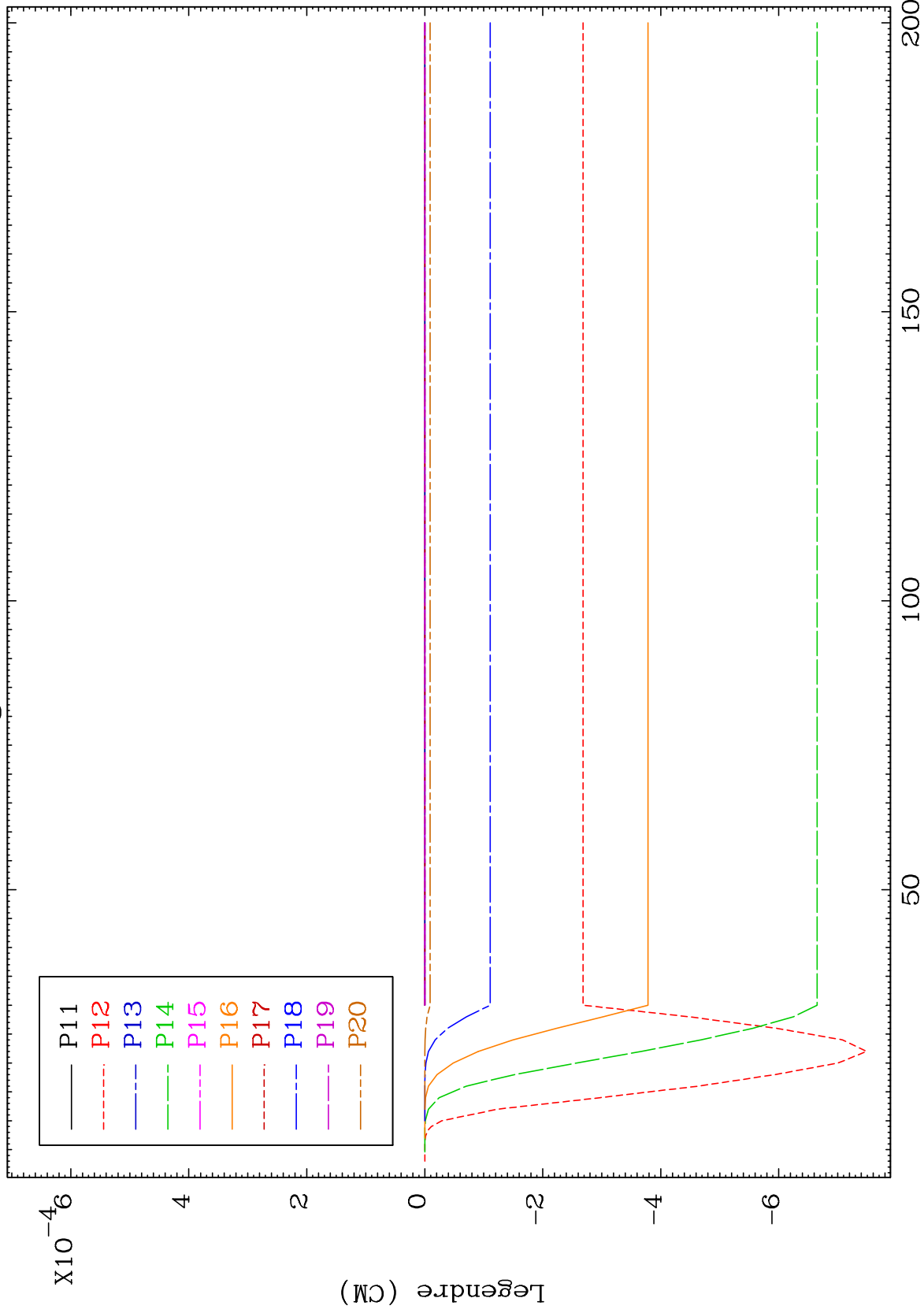




MAT 6392

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

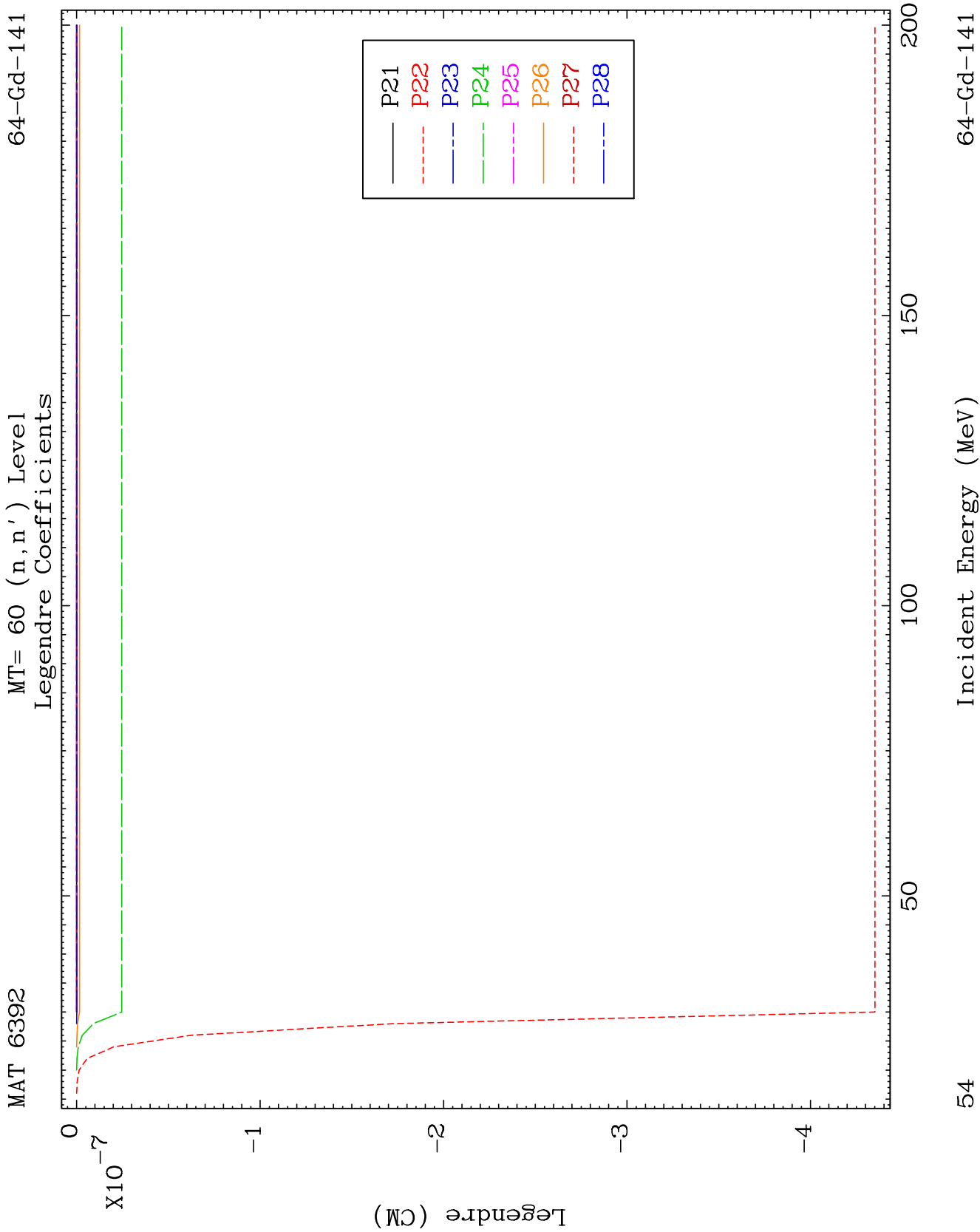
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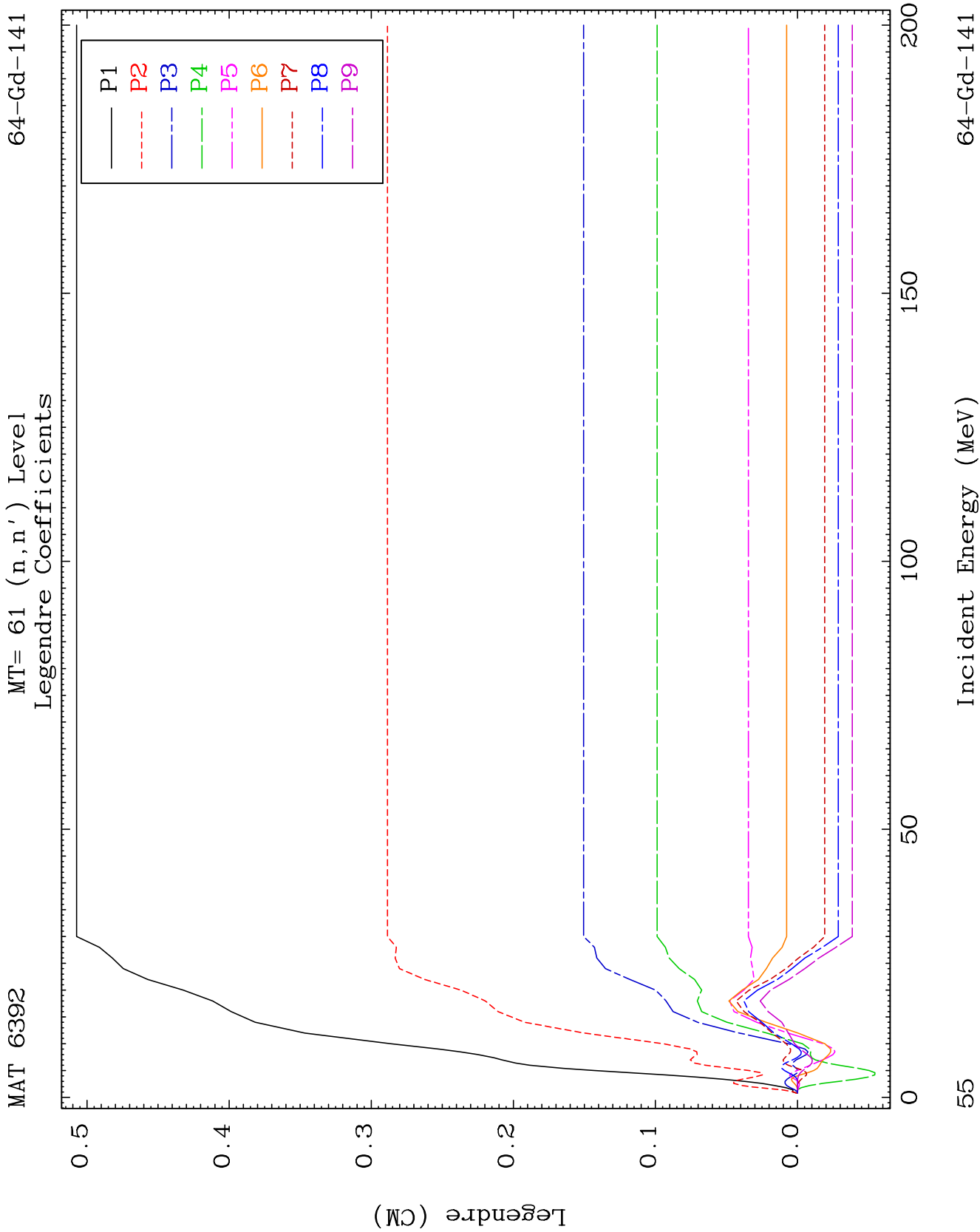


53

Incident Energy (MeV)

64-Gd-141

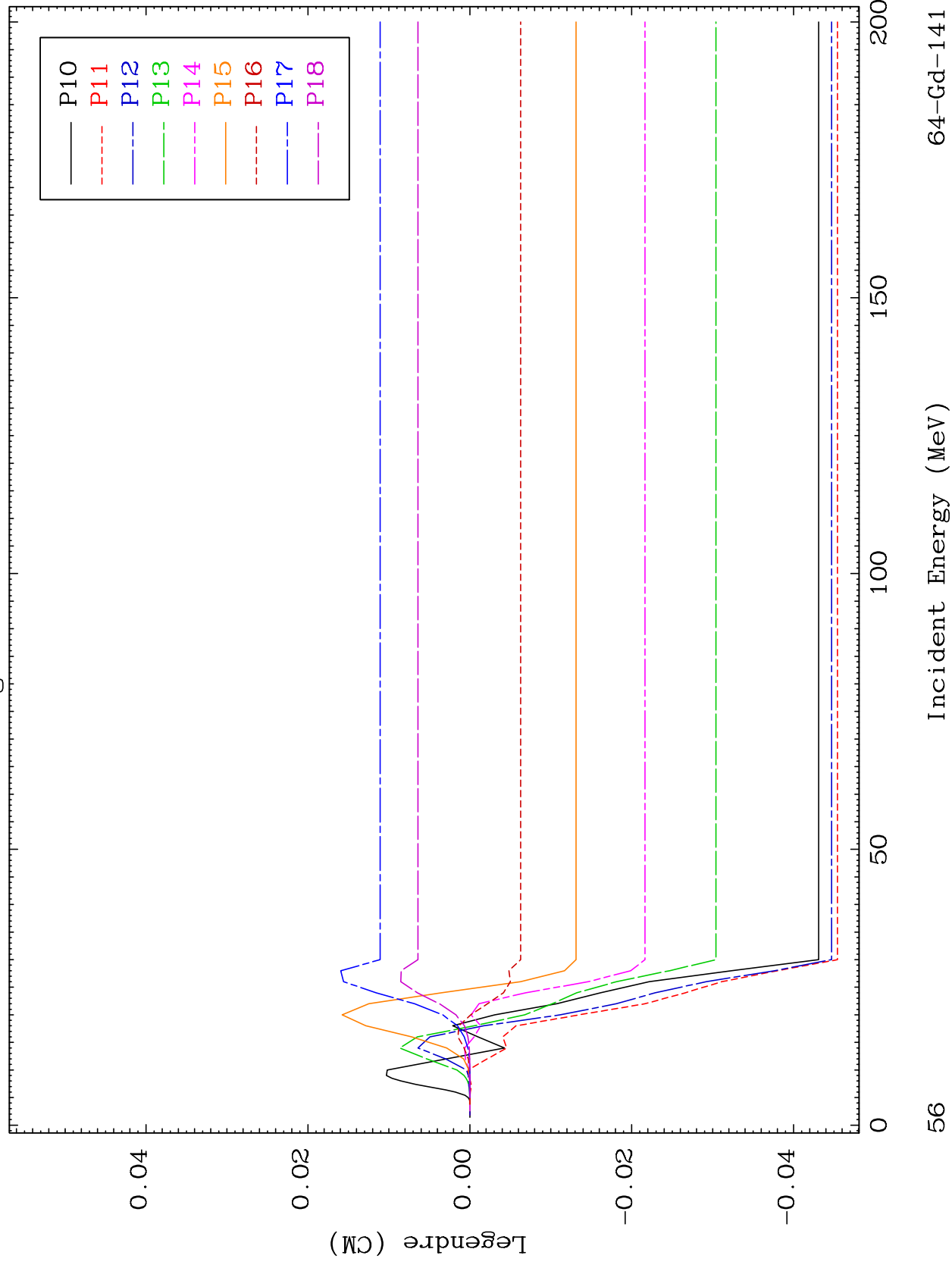




MAT 6392

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

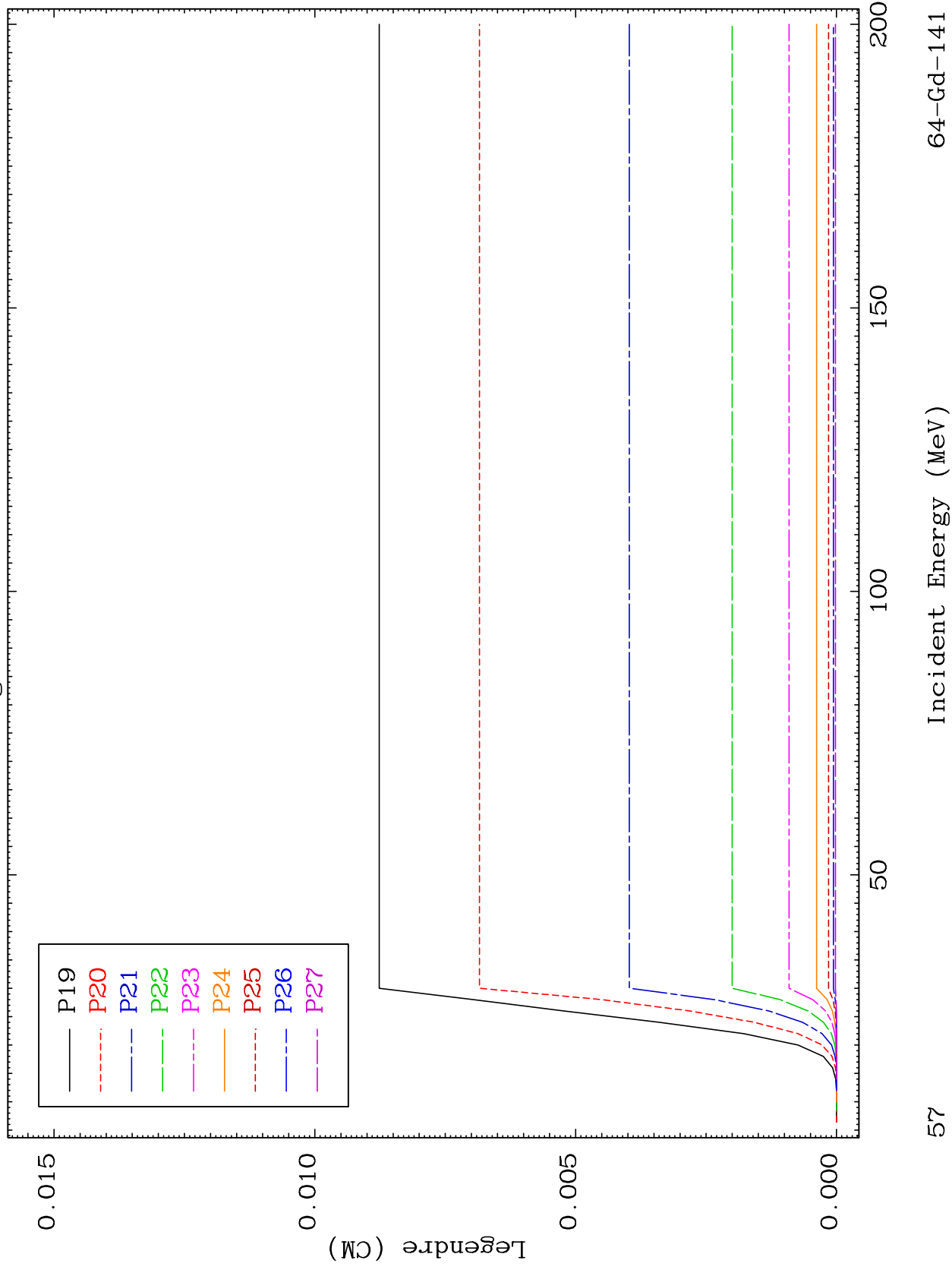
64-Gd-141



MAT 6392

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

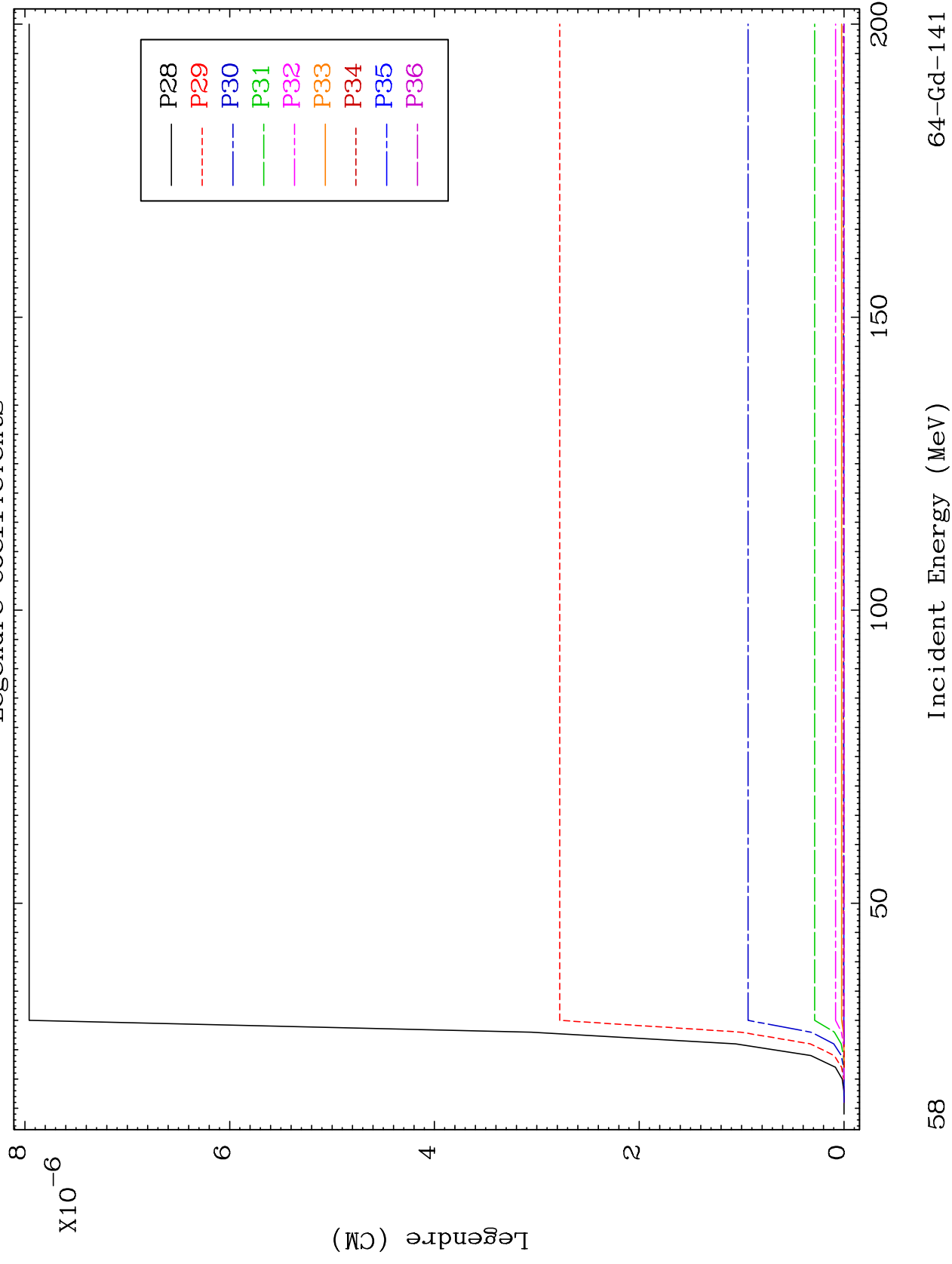
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MAT 6392

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

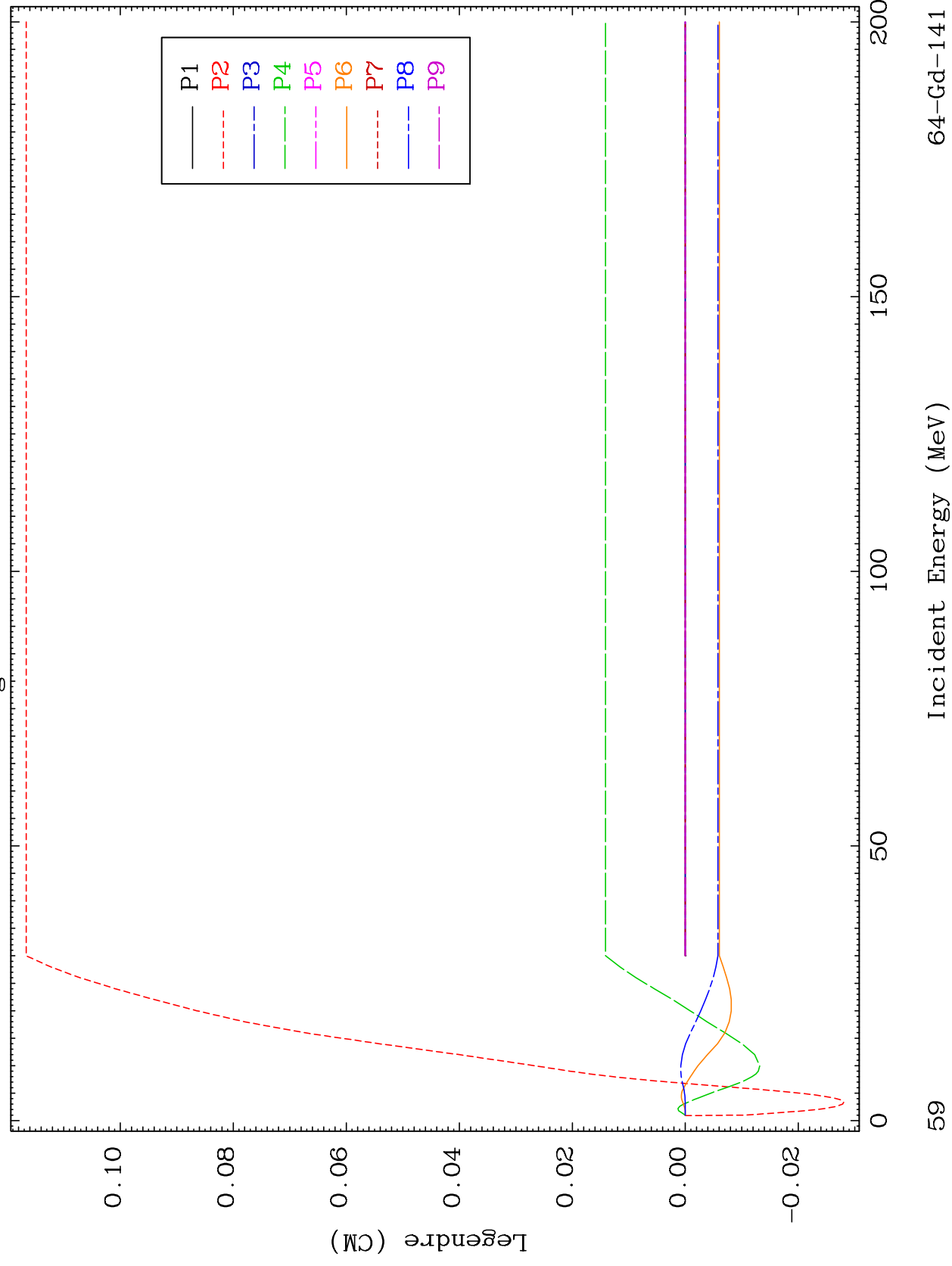
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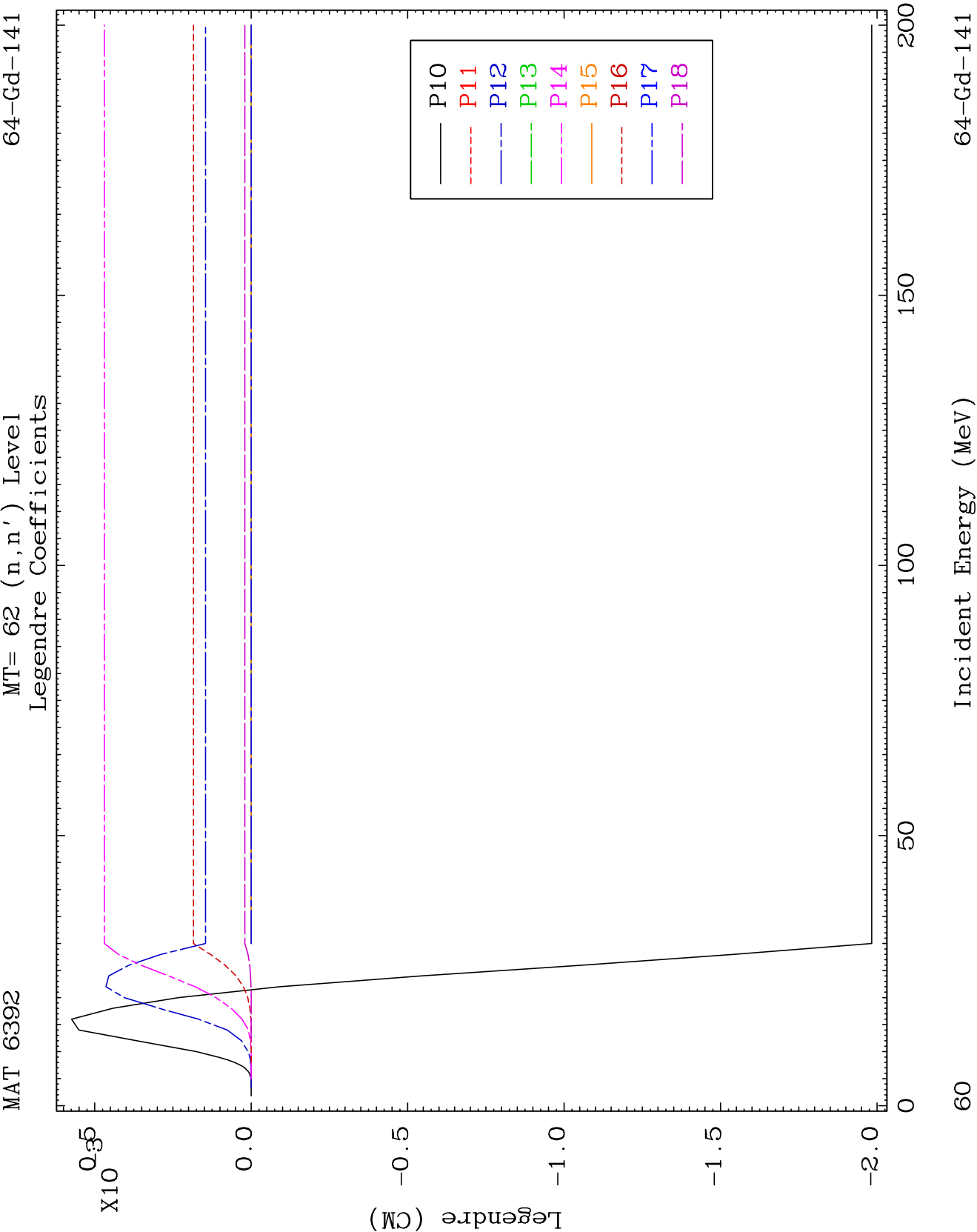


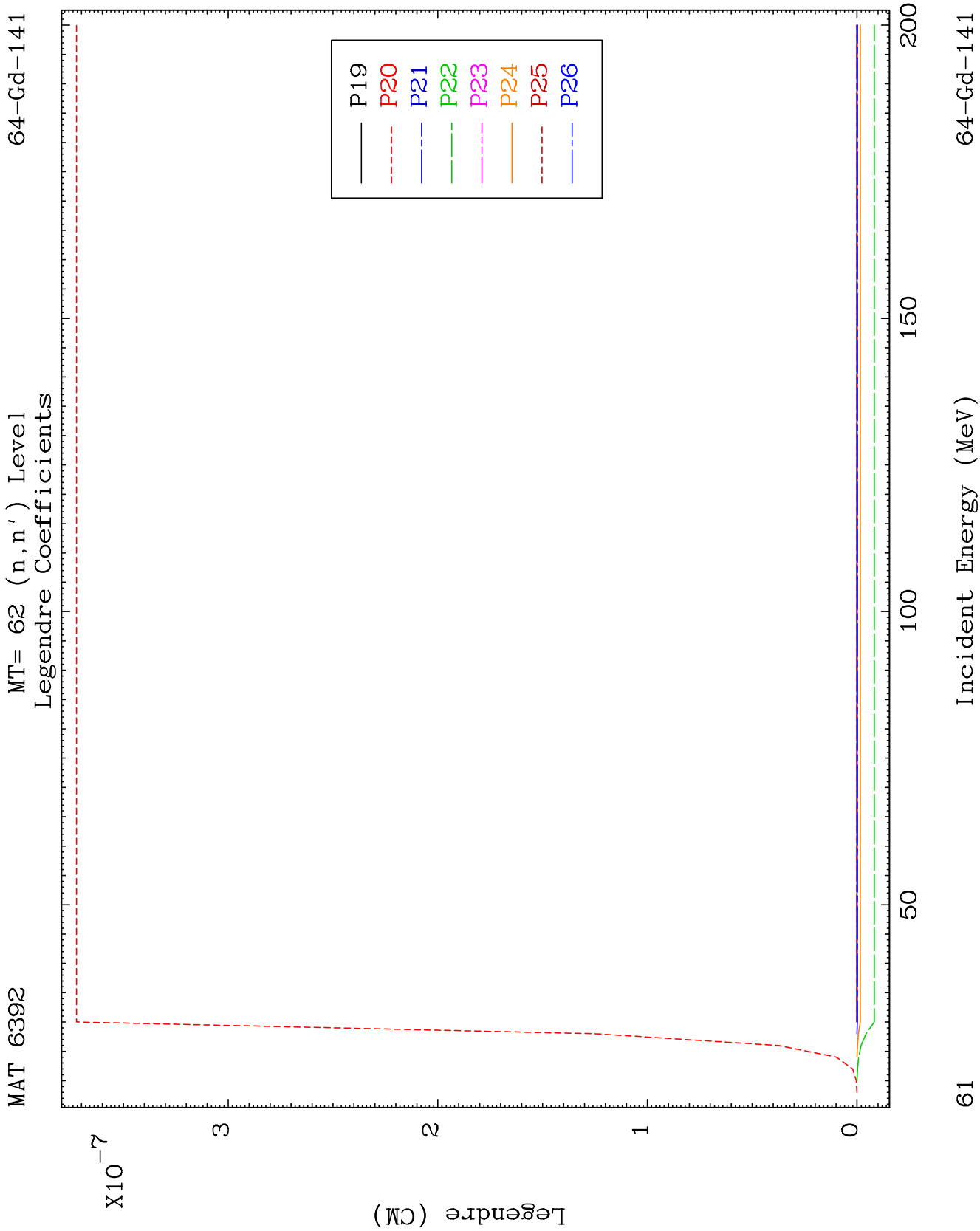
MAT 6392

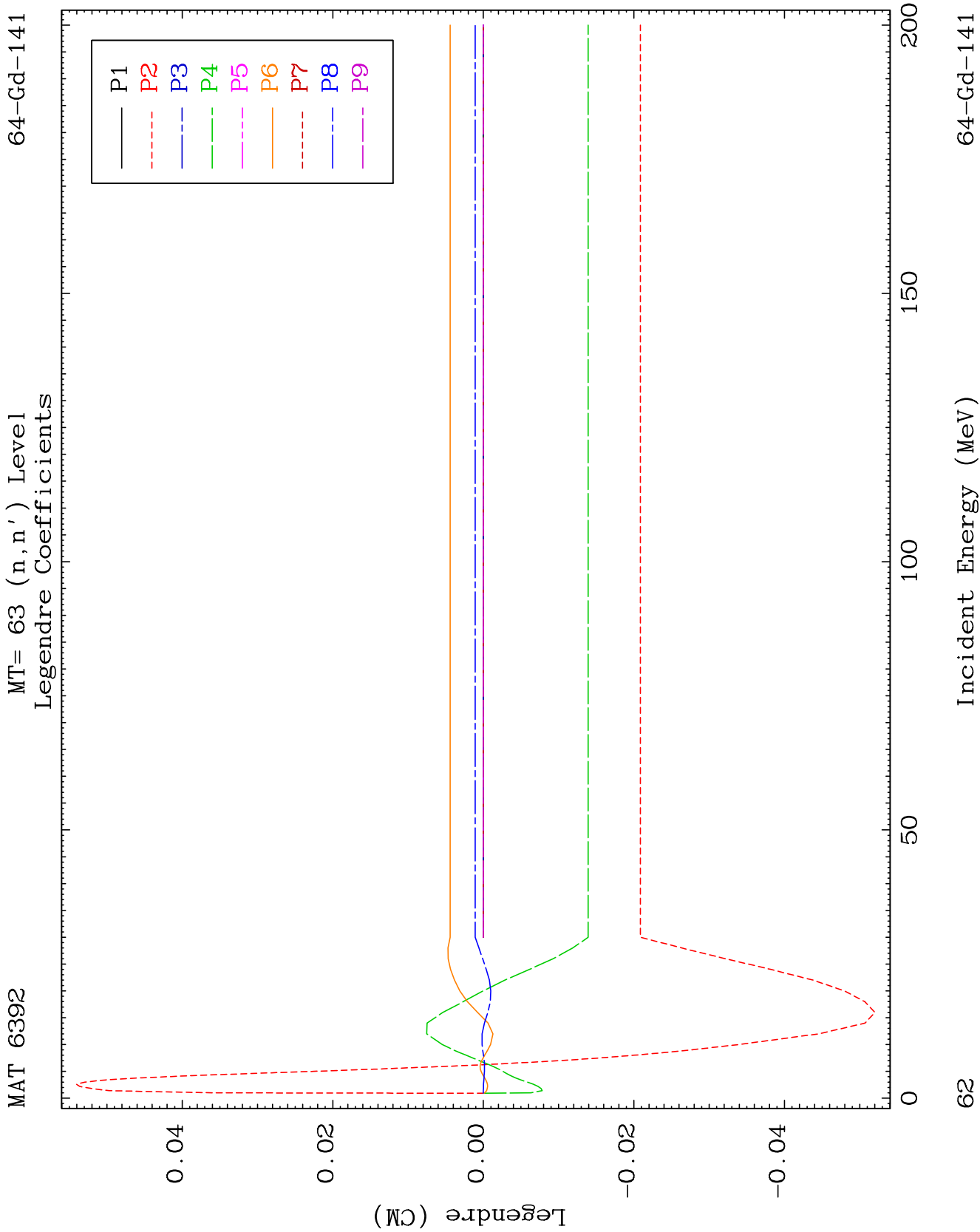
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Legendre Coefficients

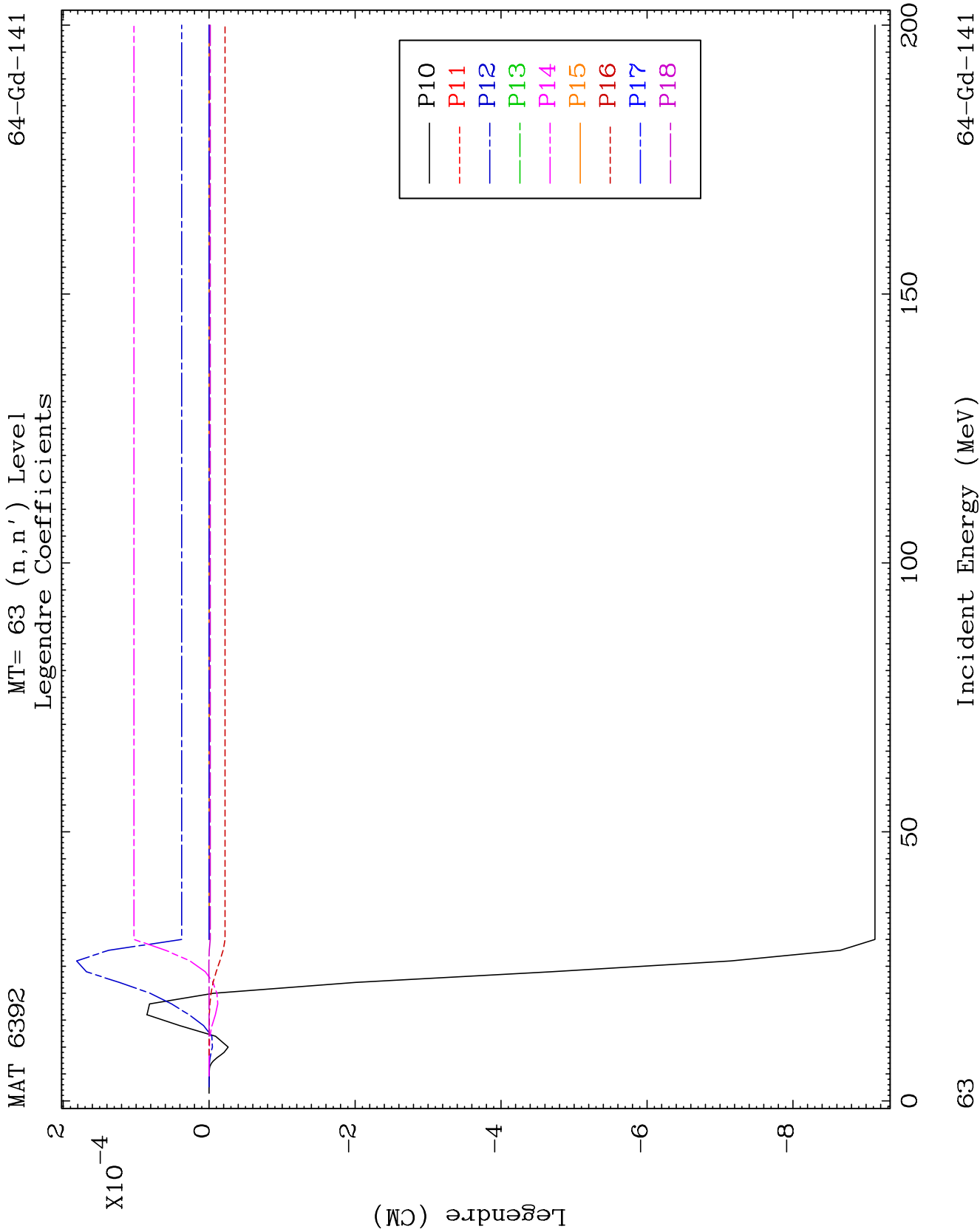
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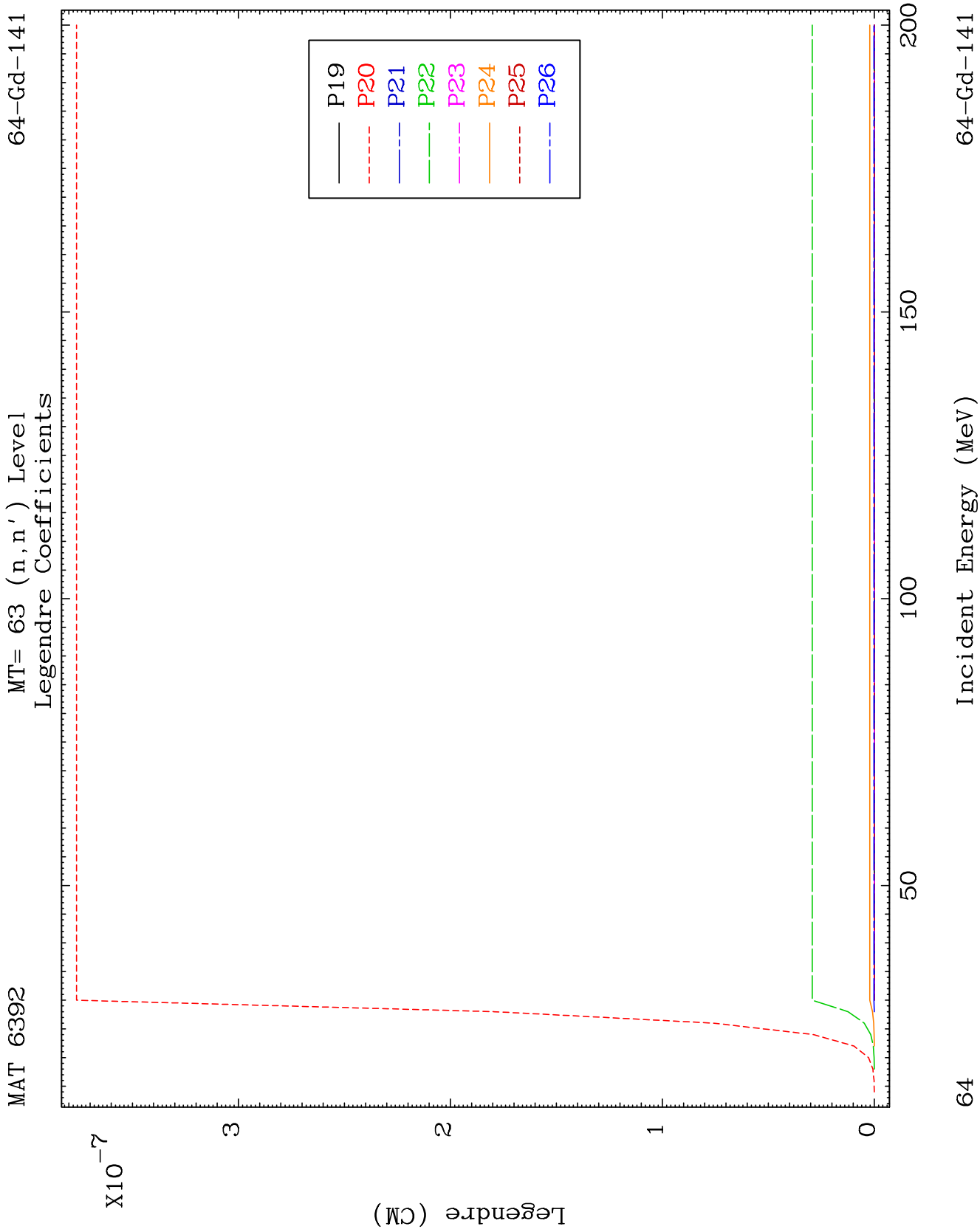


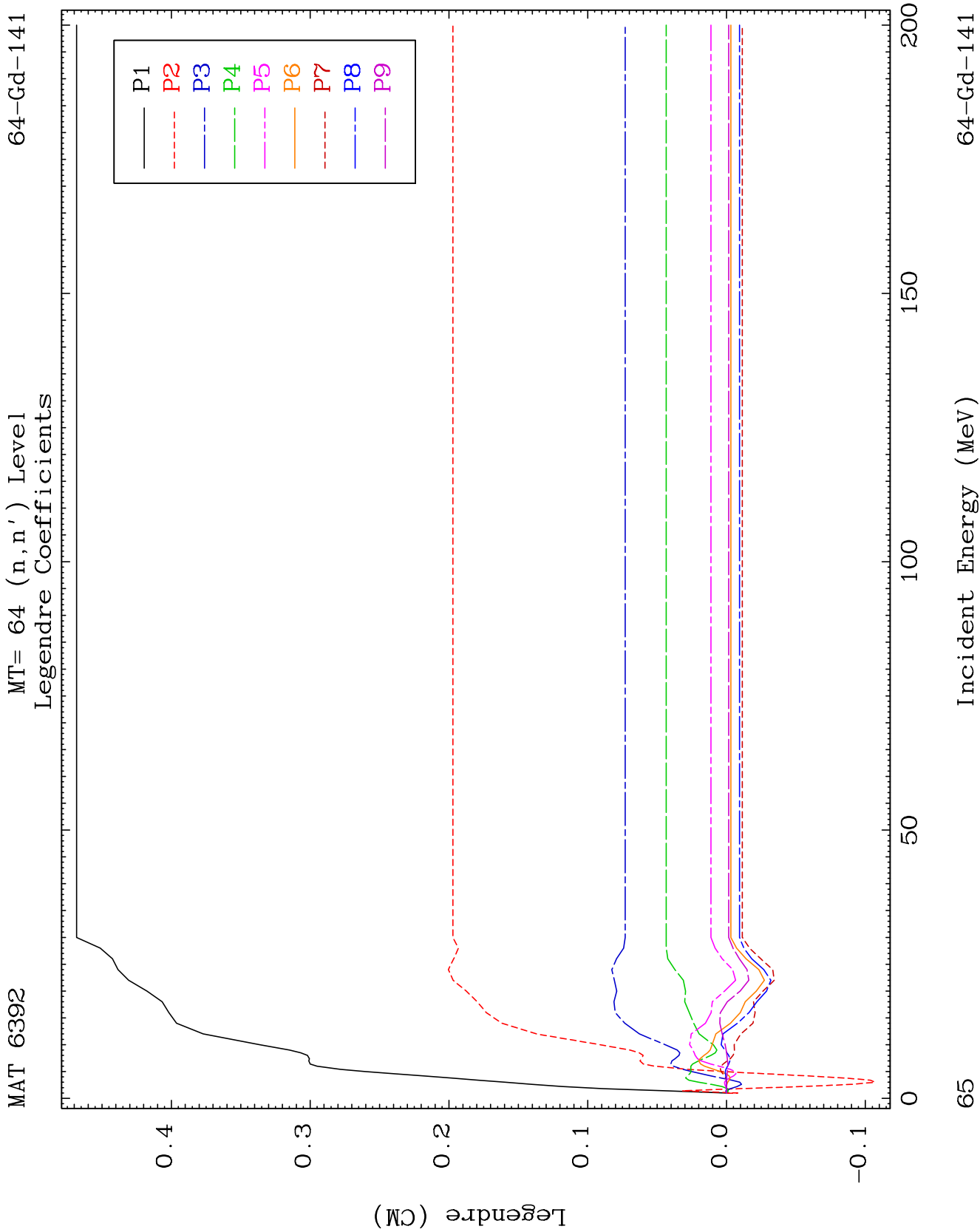








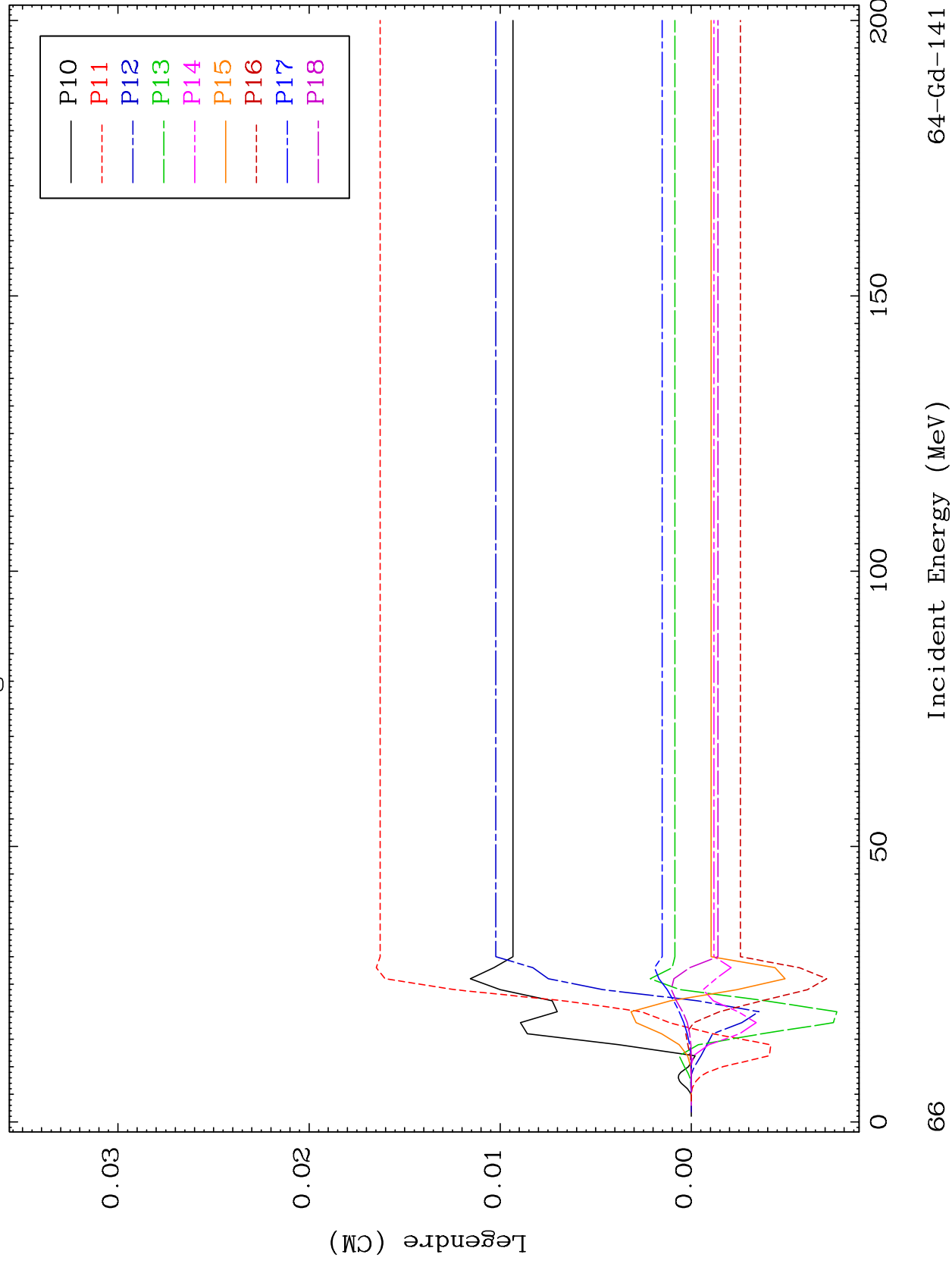




MAT 6392

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

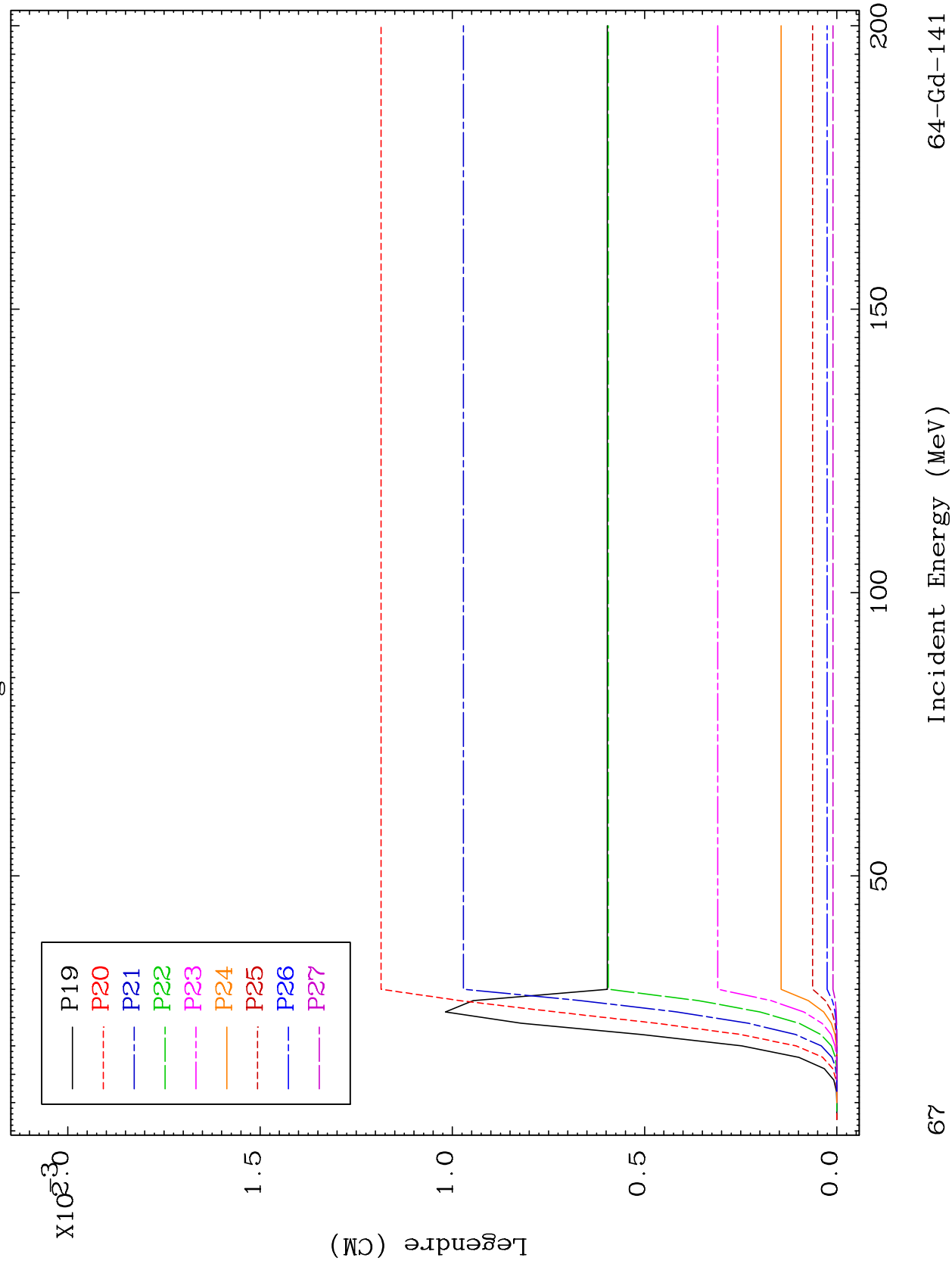
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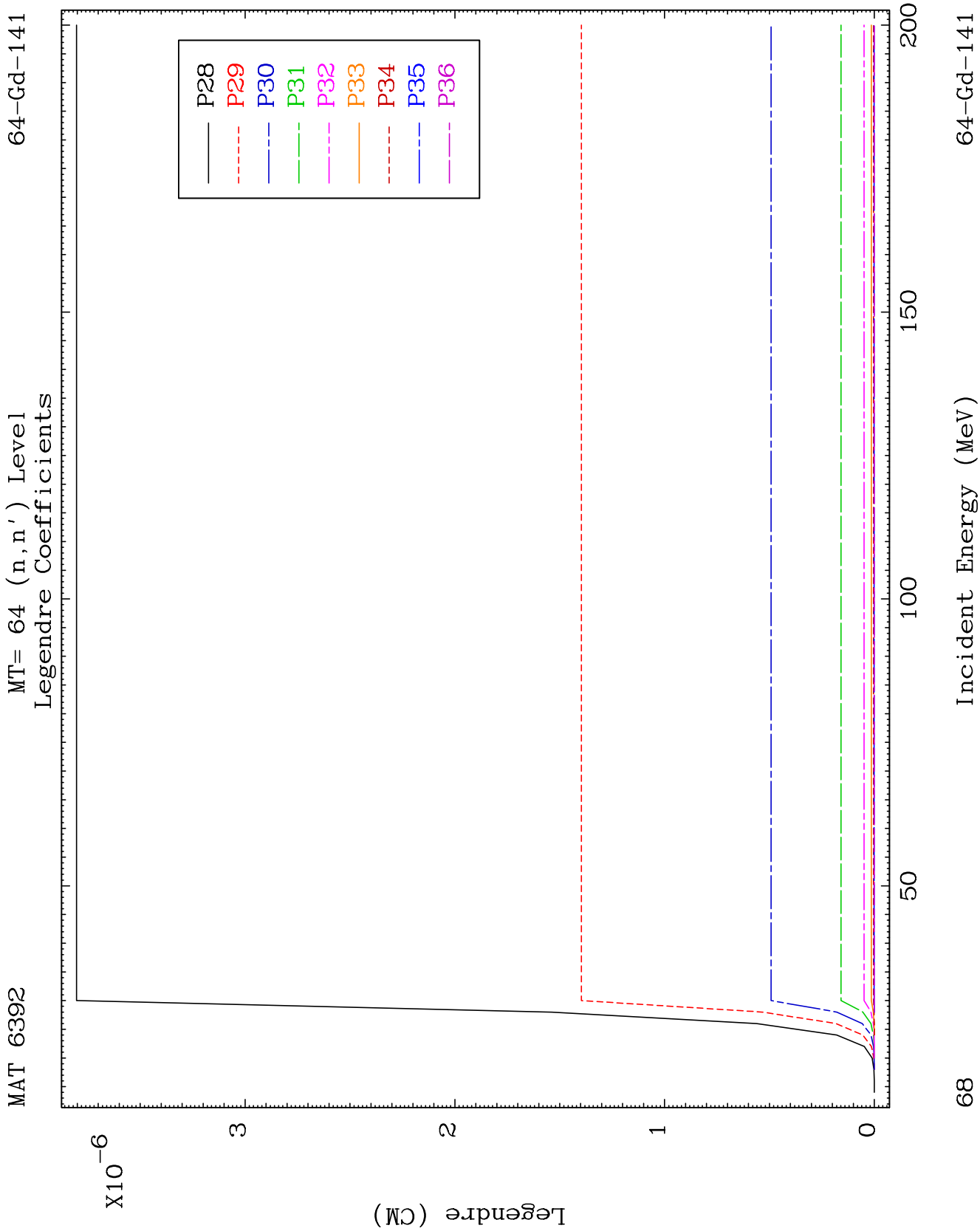


MAT 6392

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

64-Gd-141

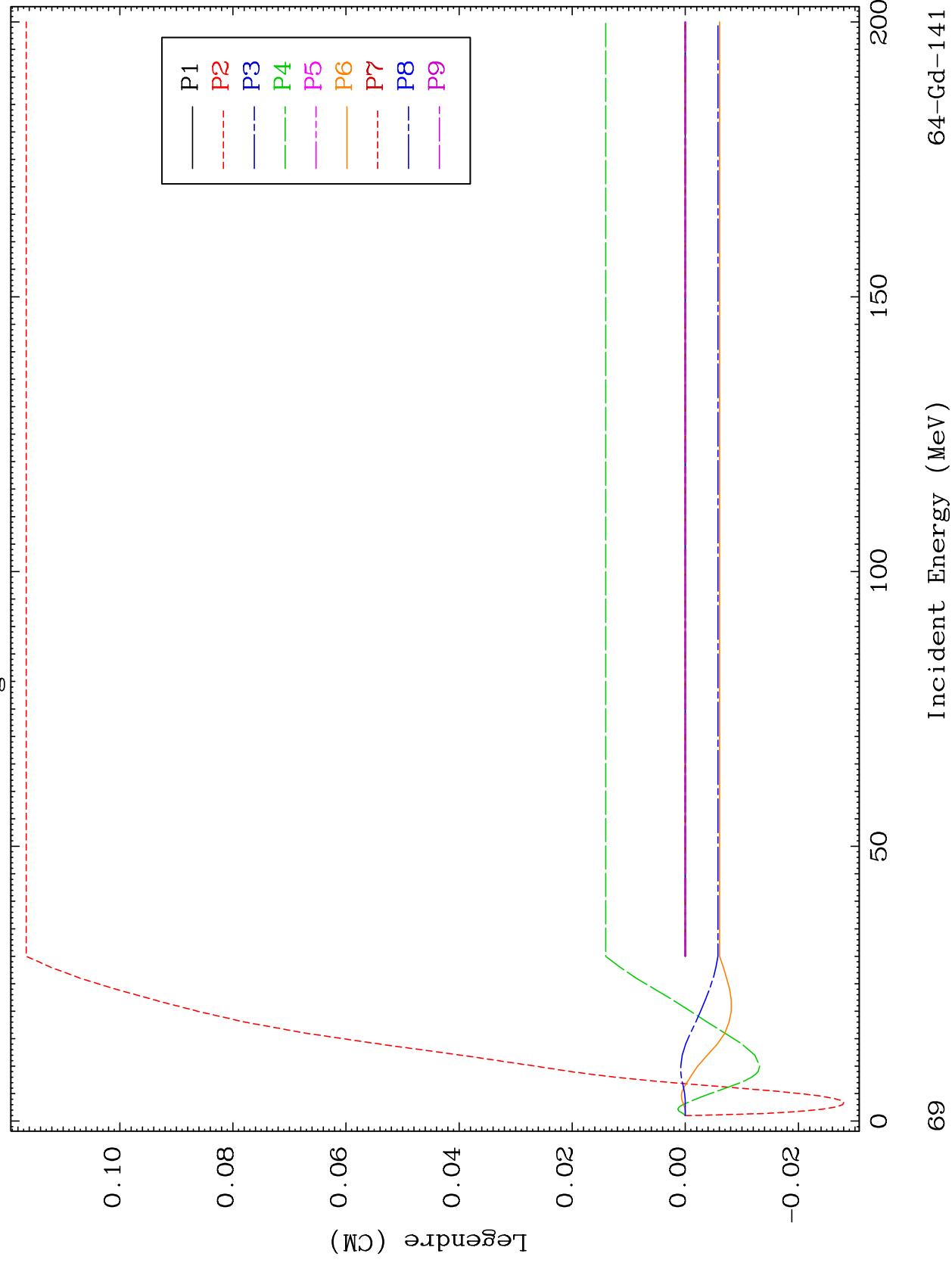


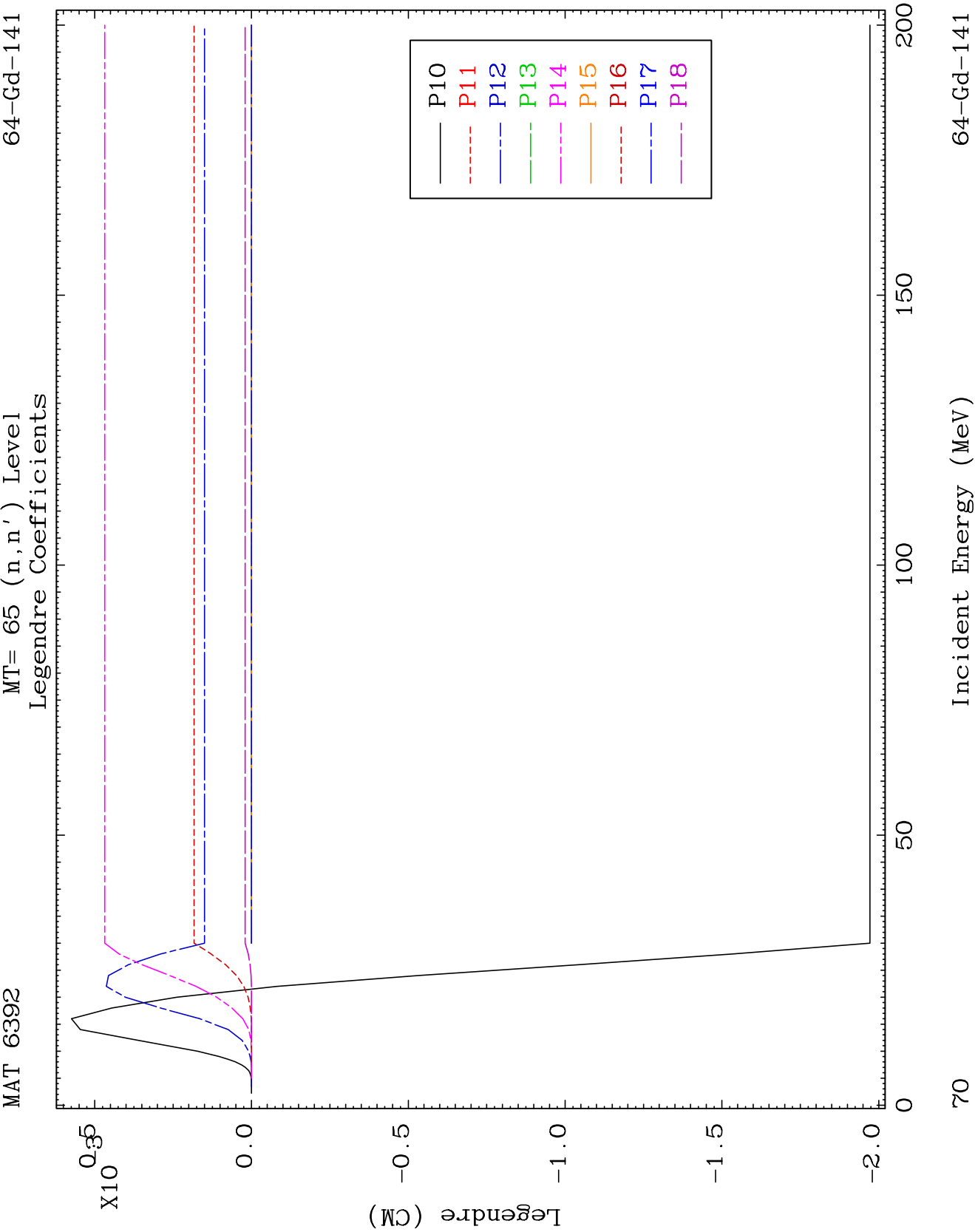


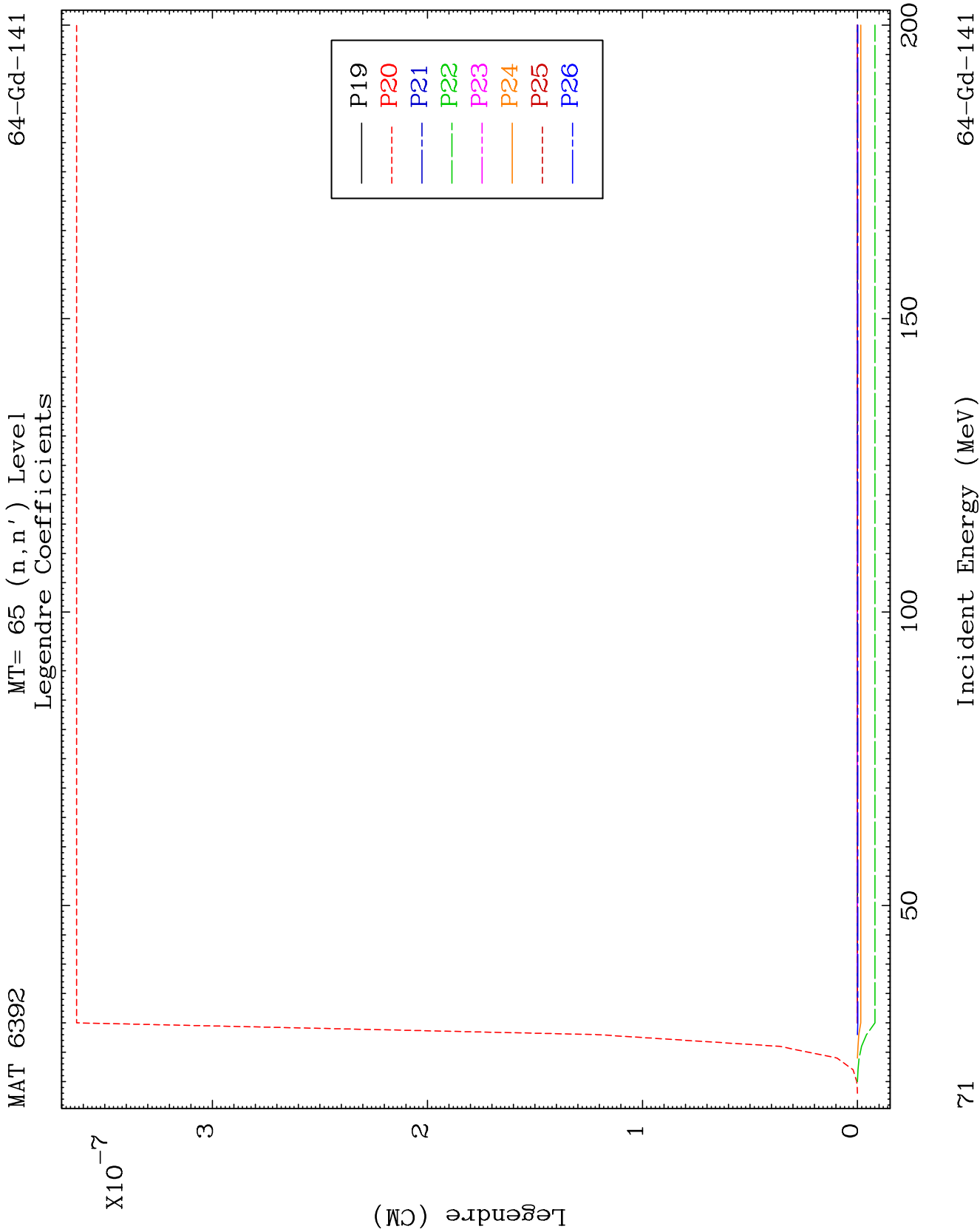
MAT 6392

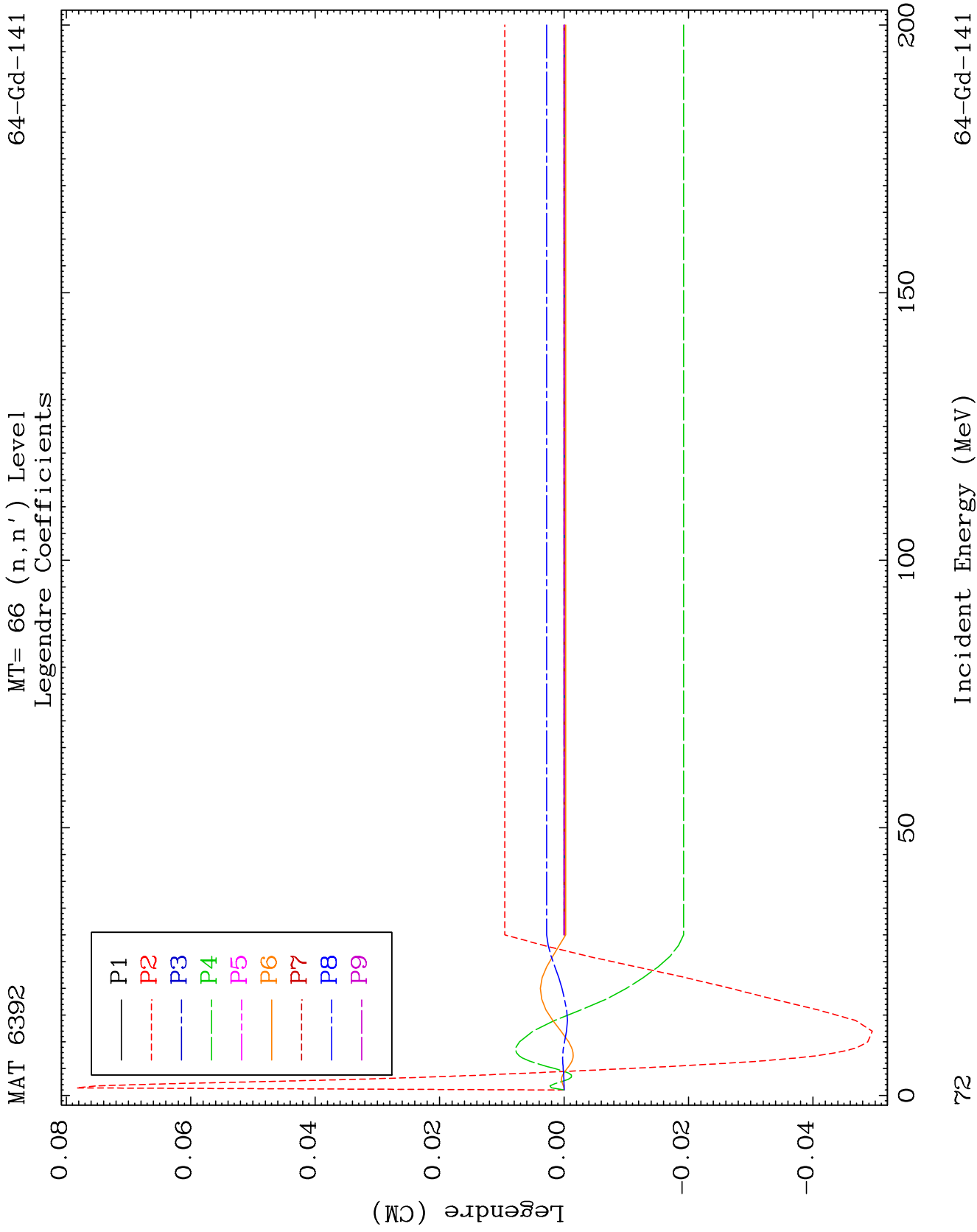
MT= 65 (n, n') Level
Legendre Coefficients

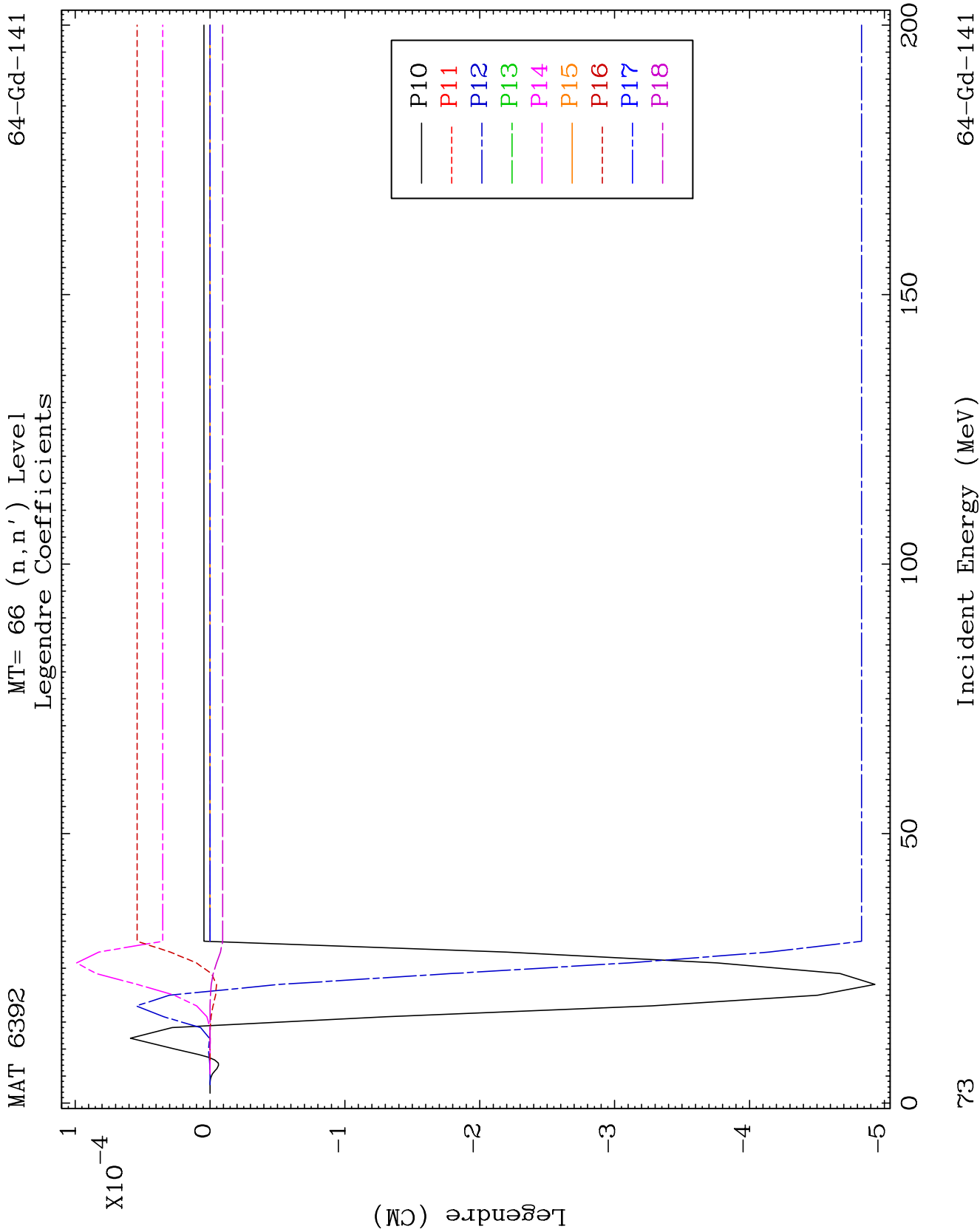
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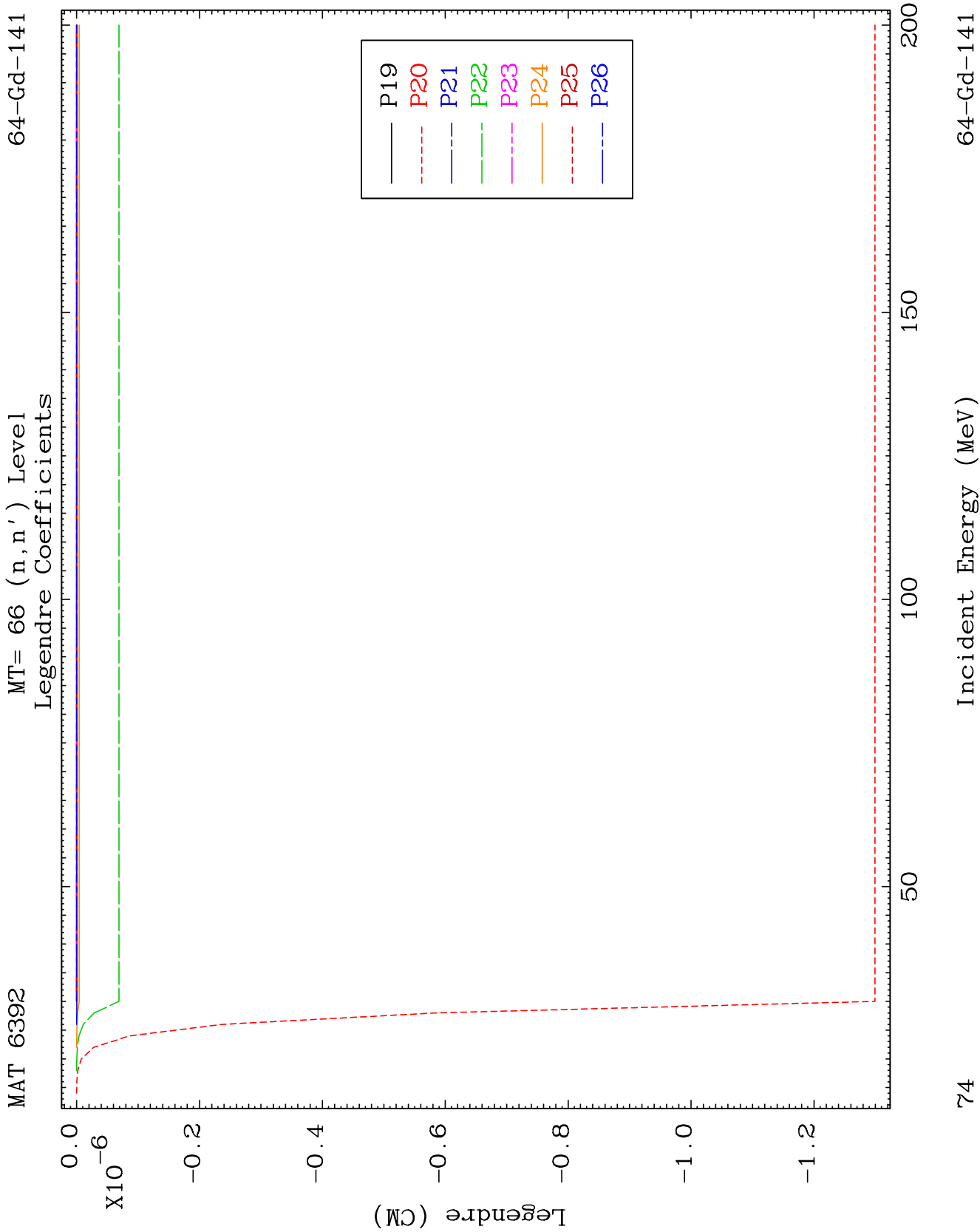








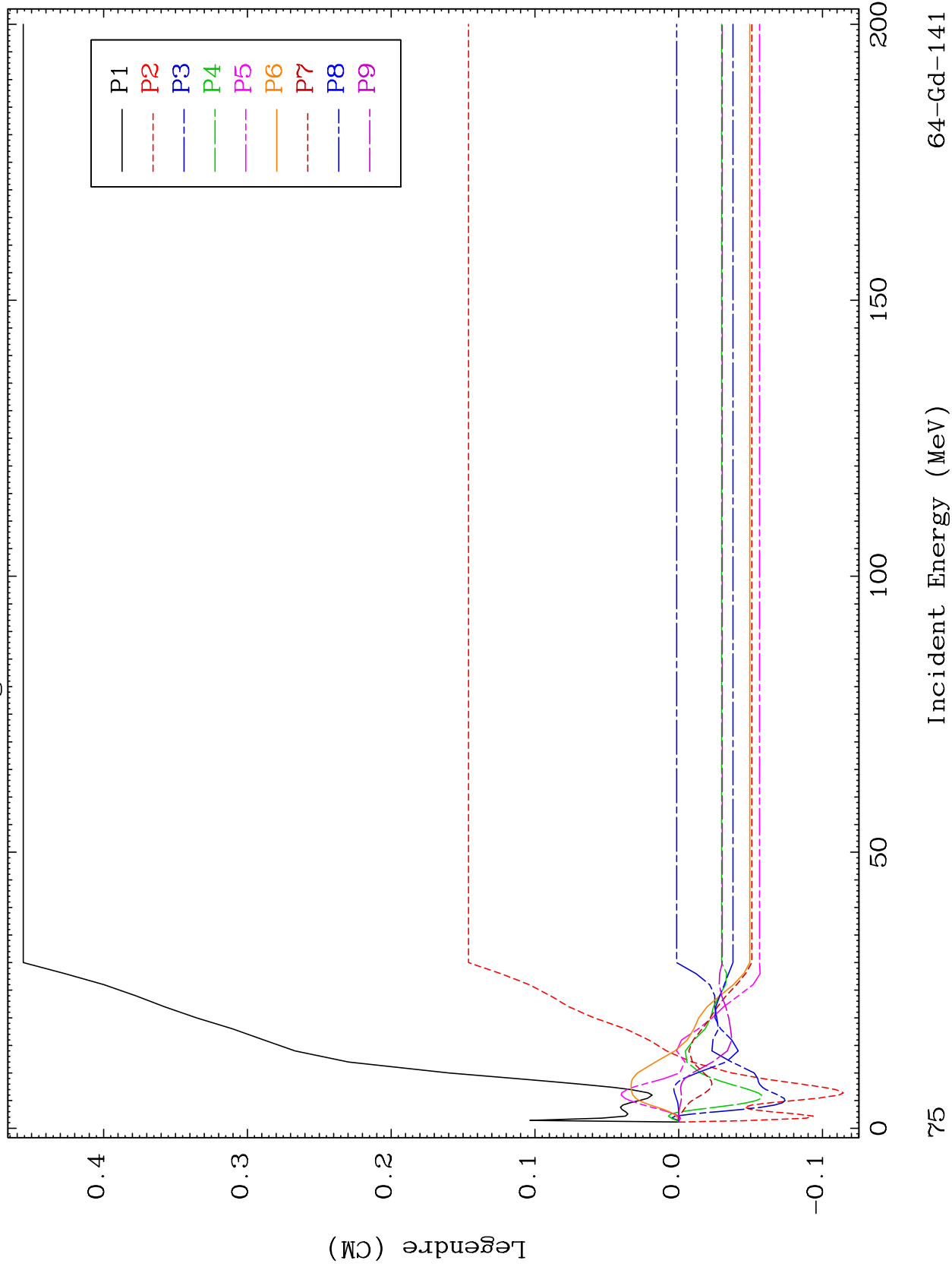




MAT 6392

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

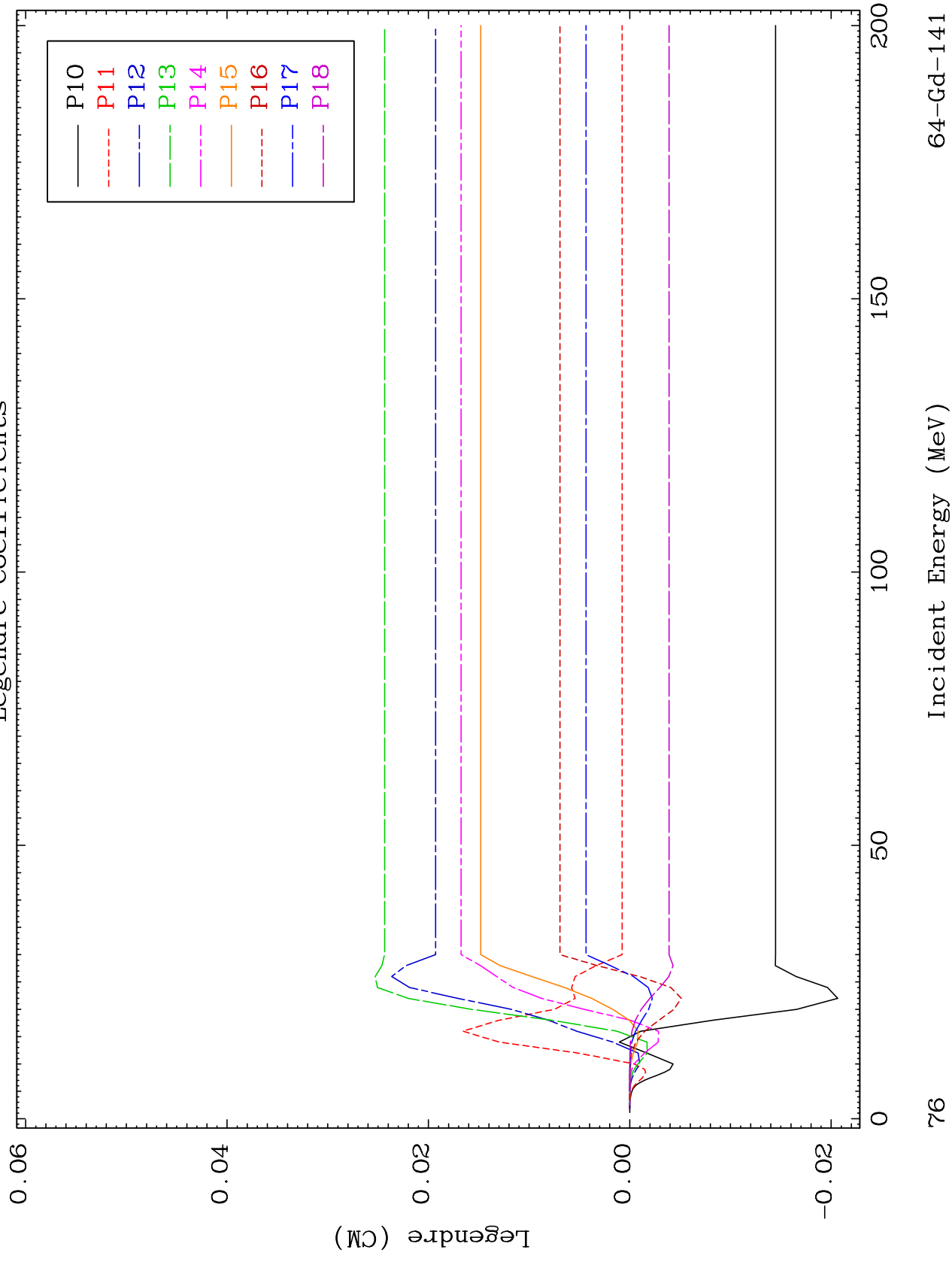
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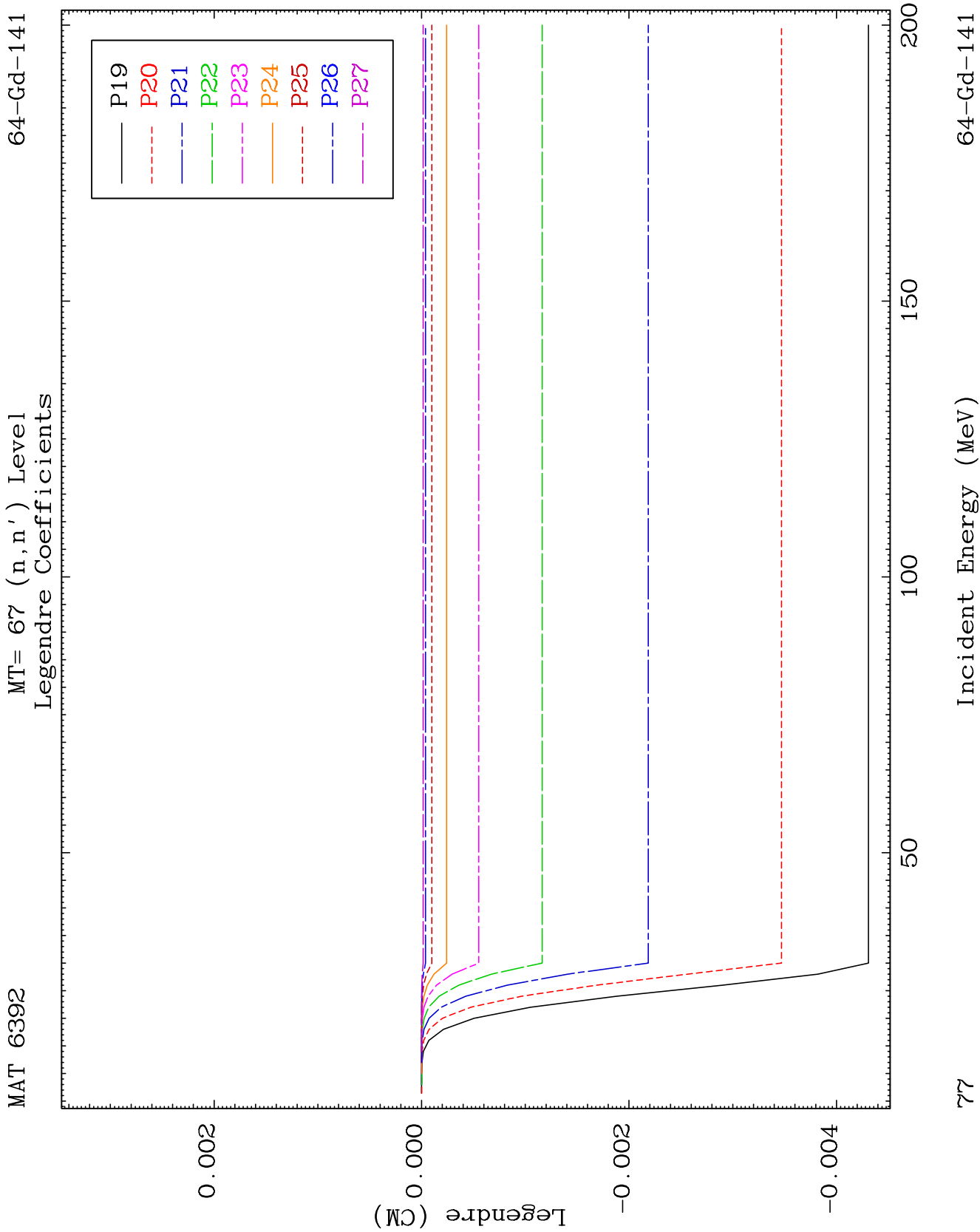


MAT 6392

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

64-Gd-141

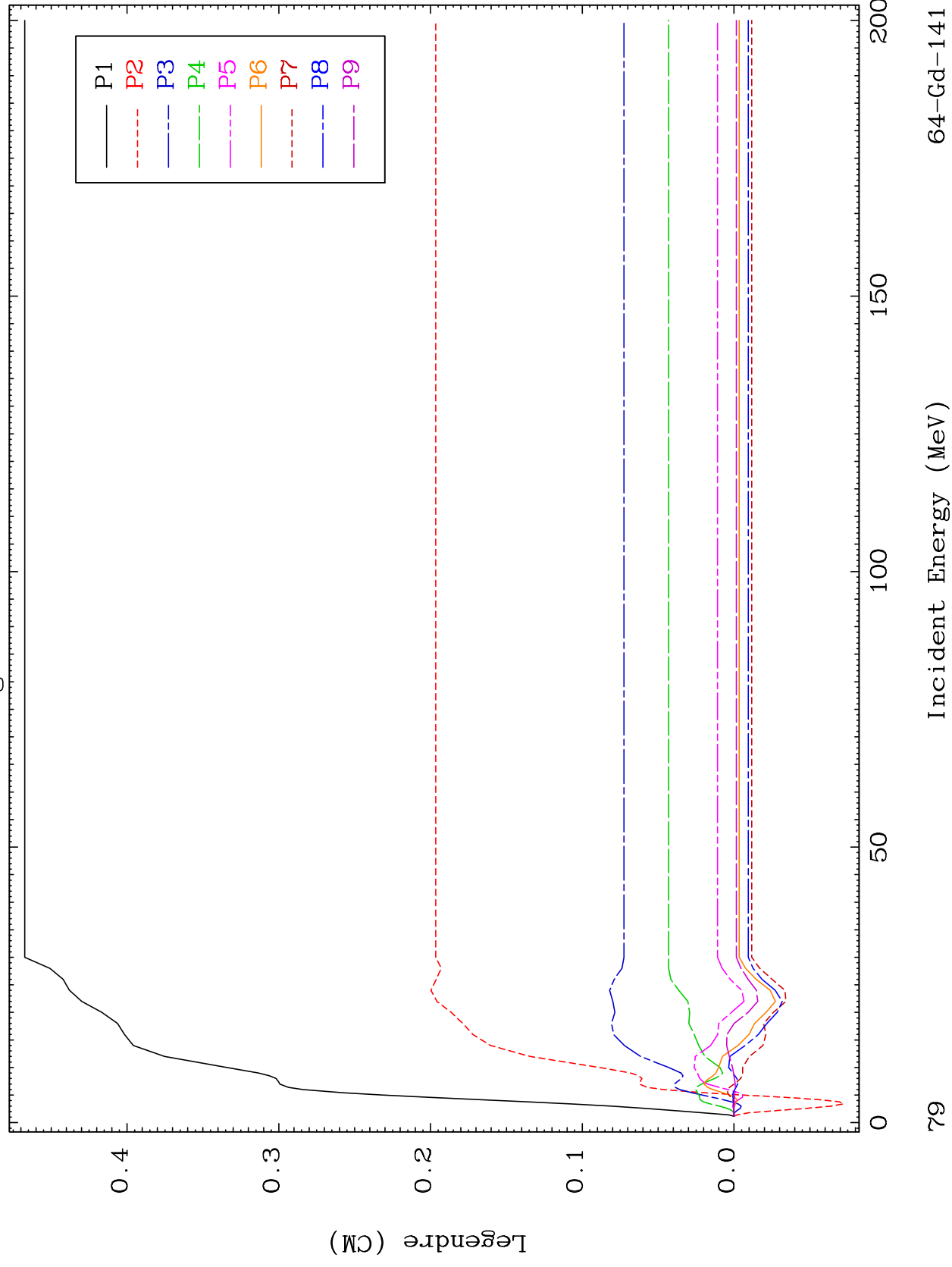




MAT 6392

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

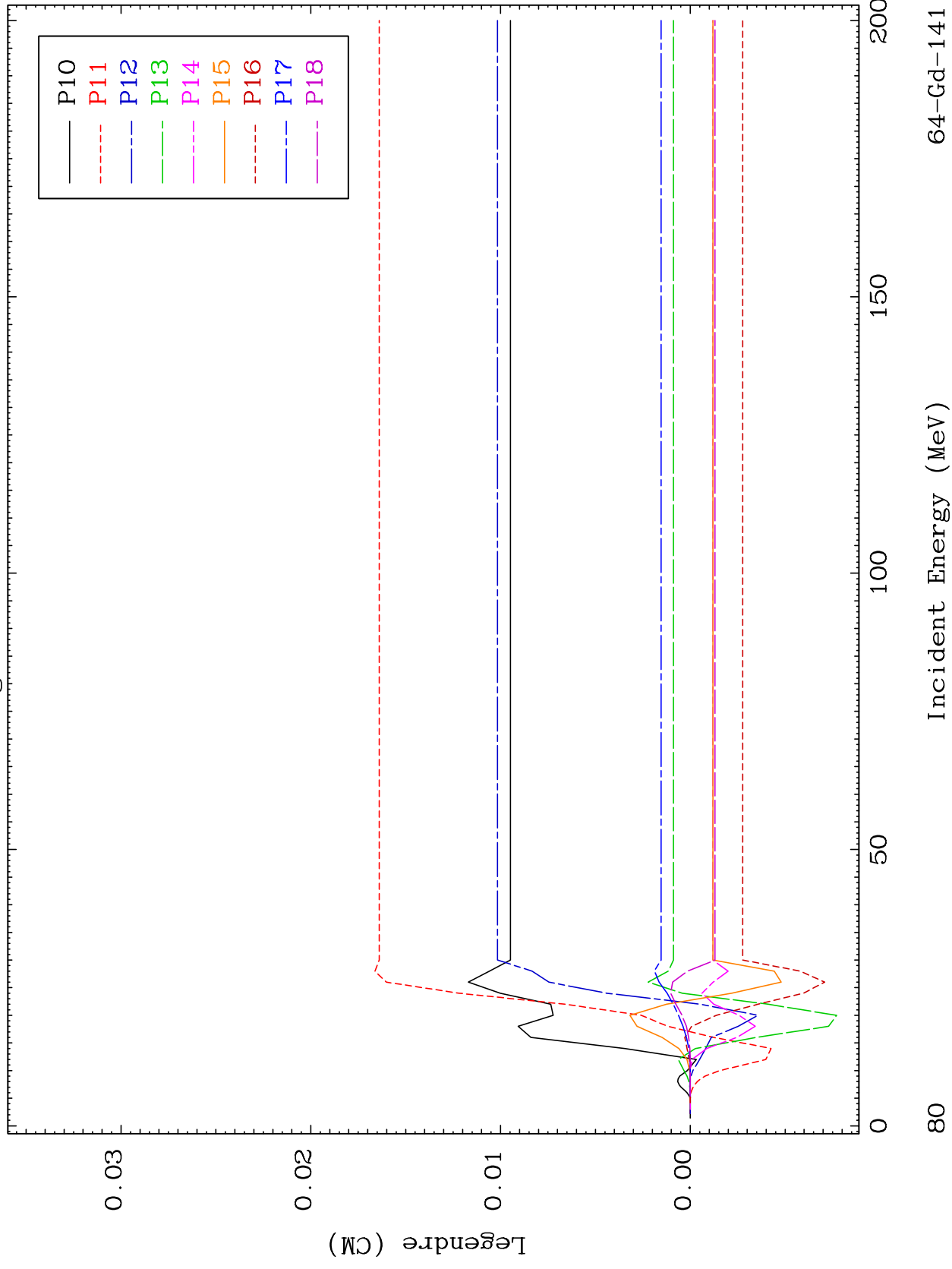
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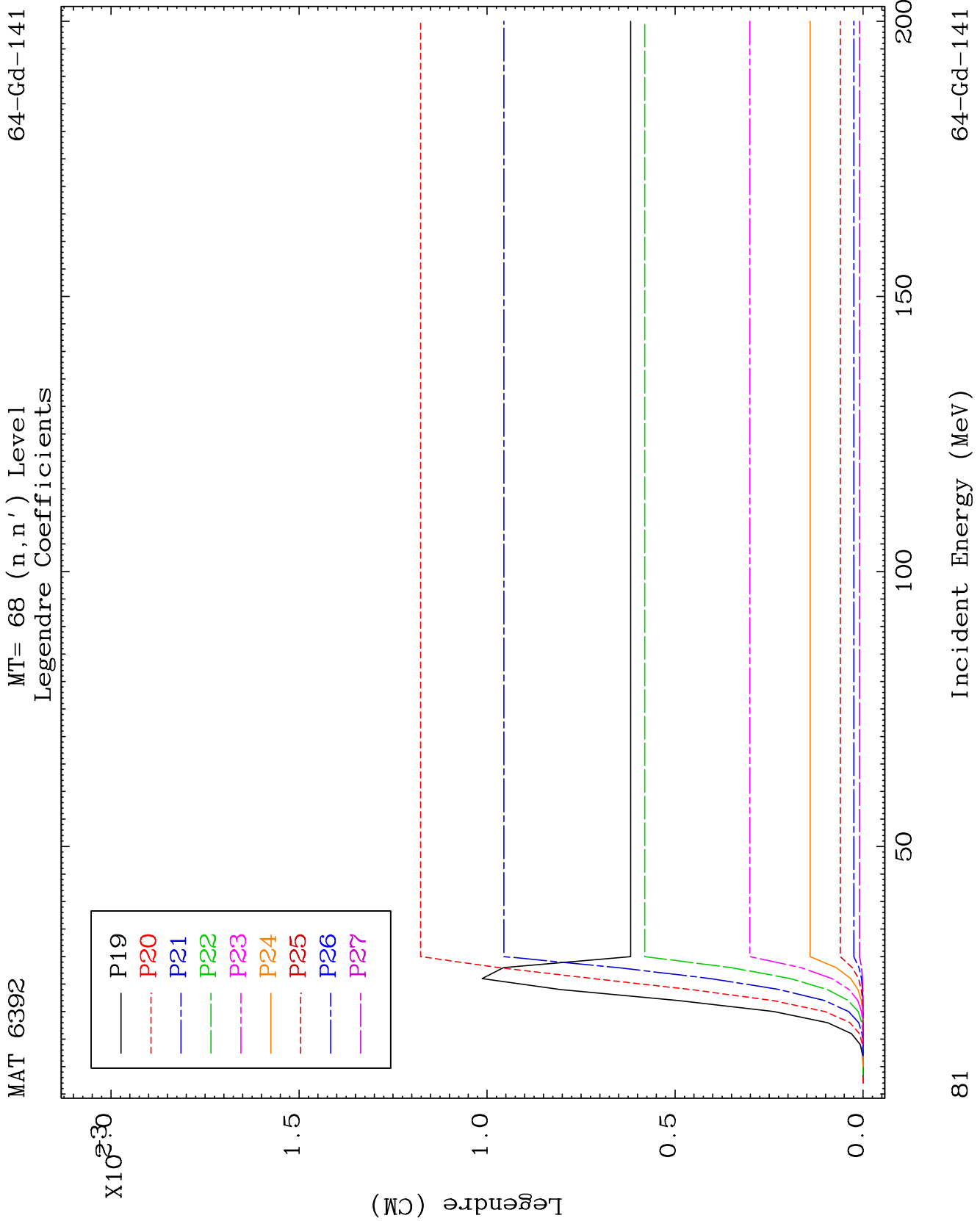


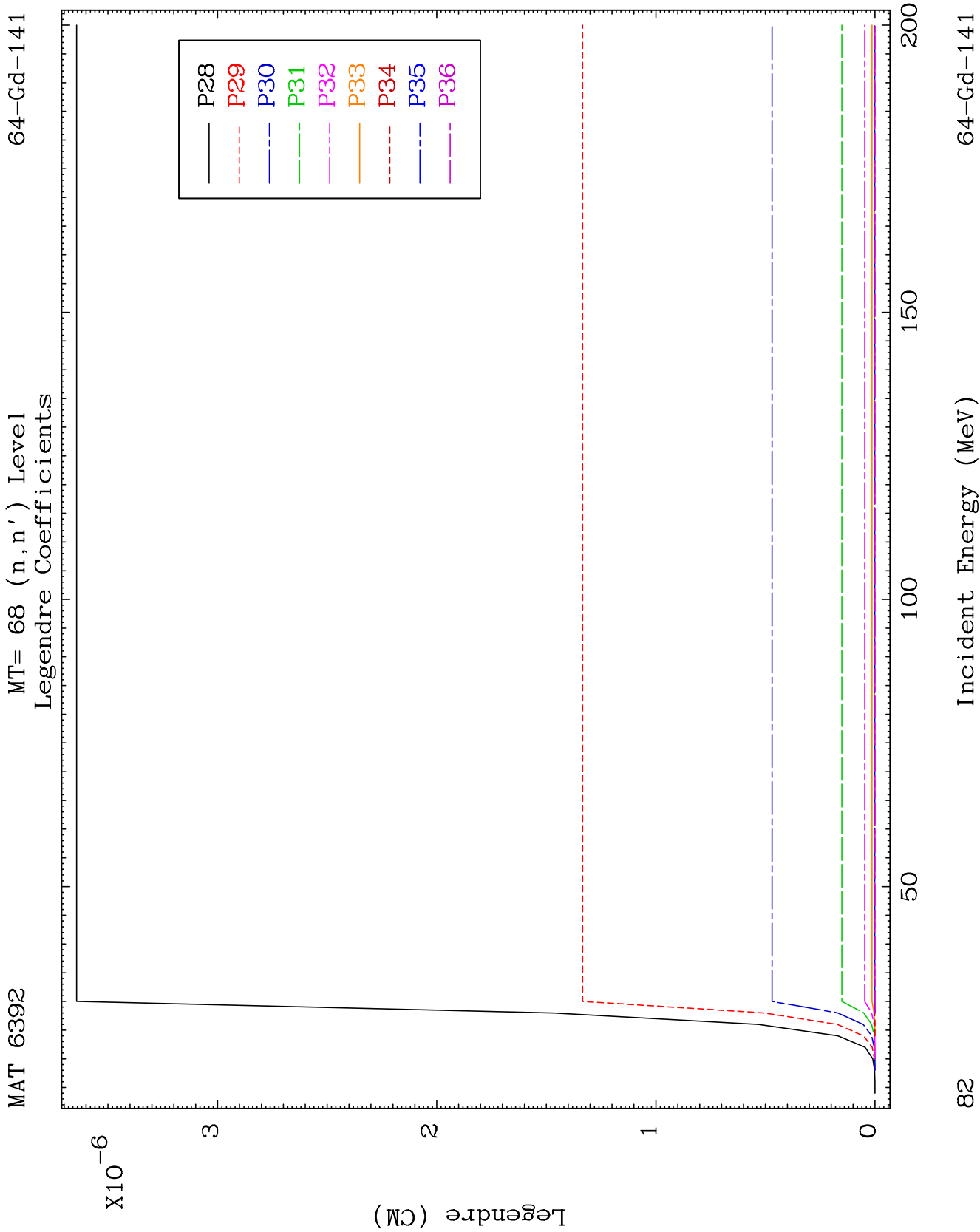
MAT 6392

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

64-Gd-141



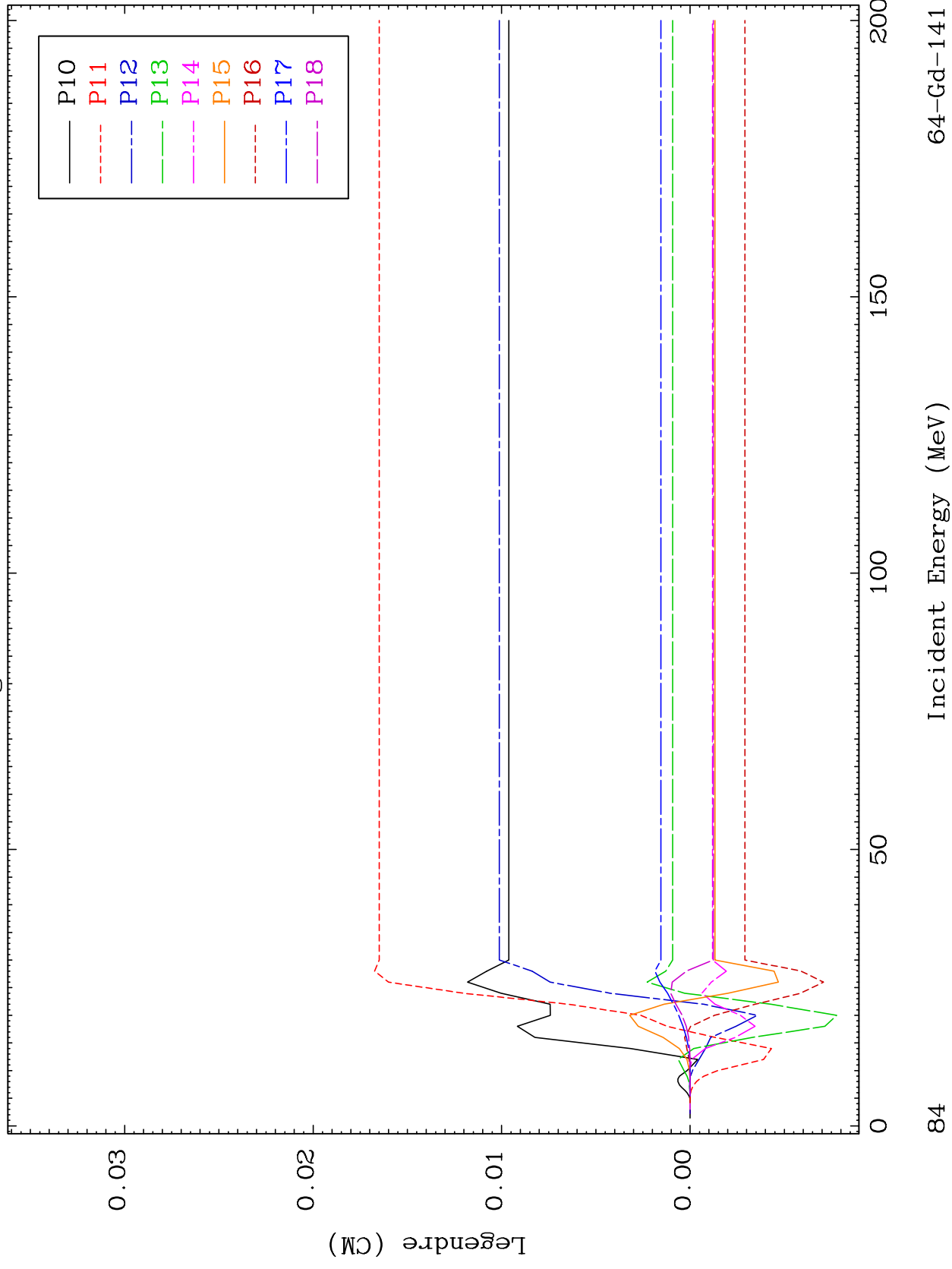


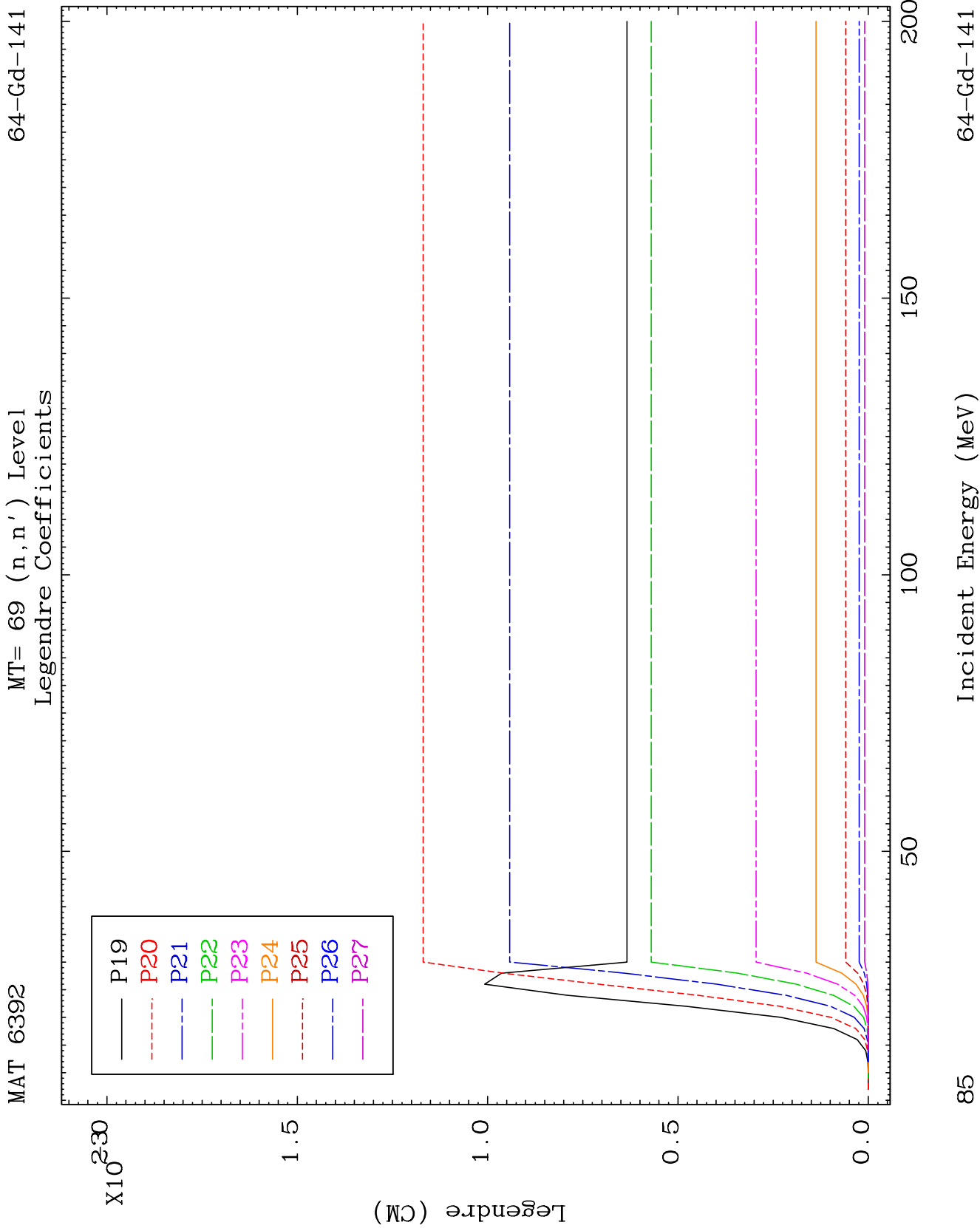


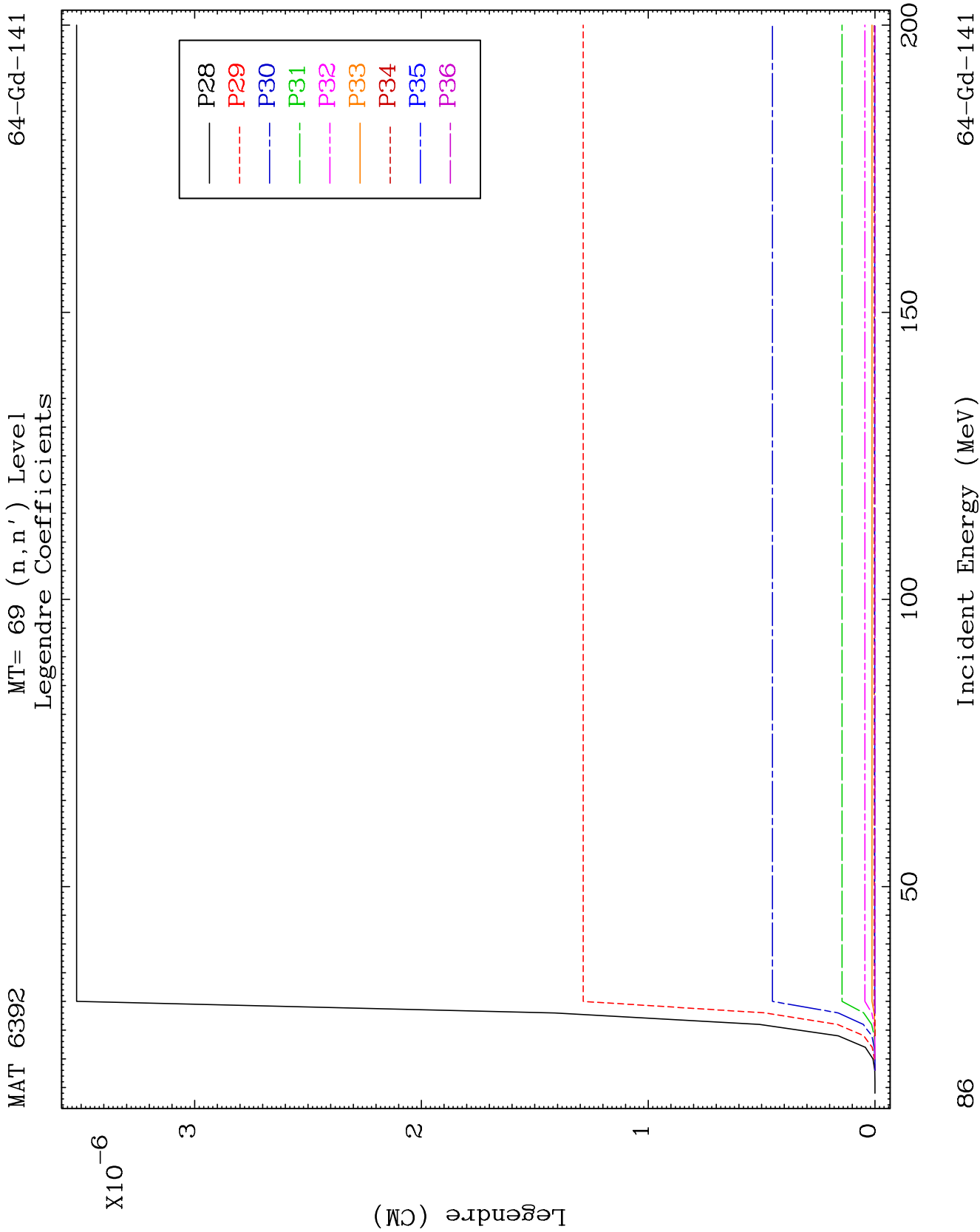
MAT 6392

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

64-Gd-141





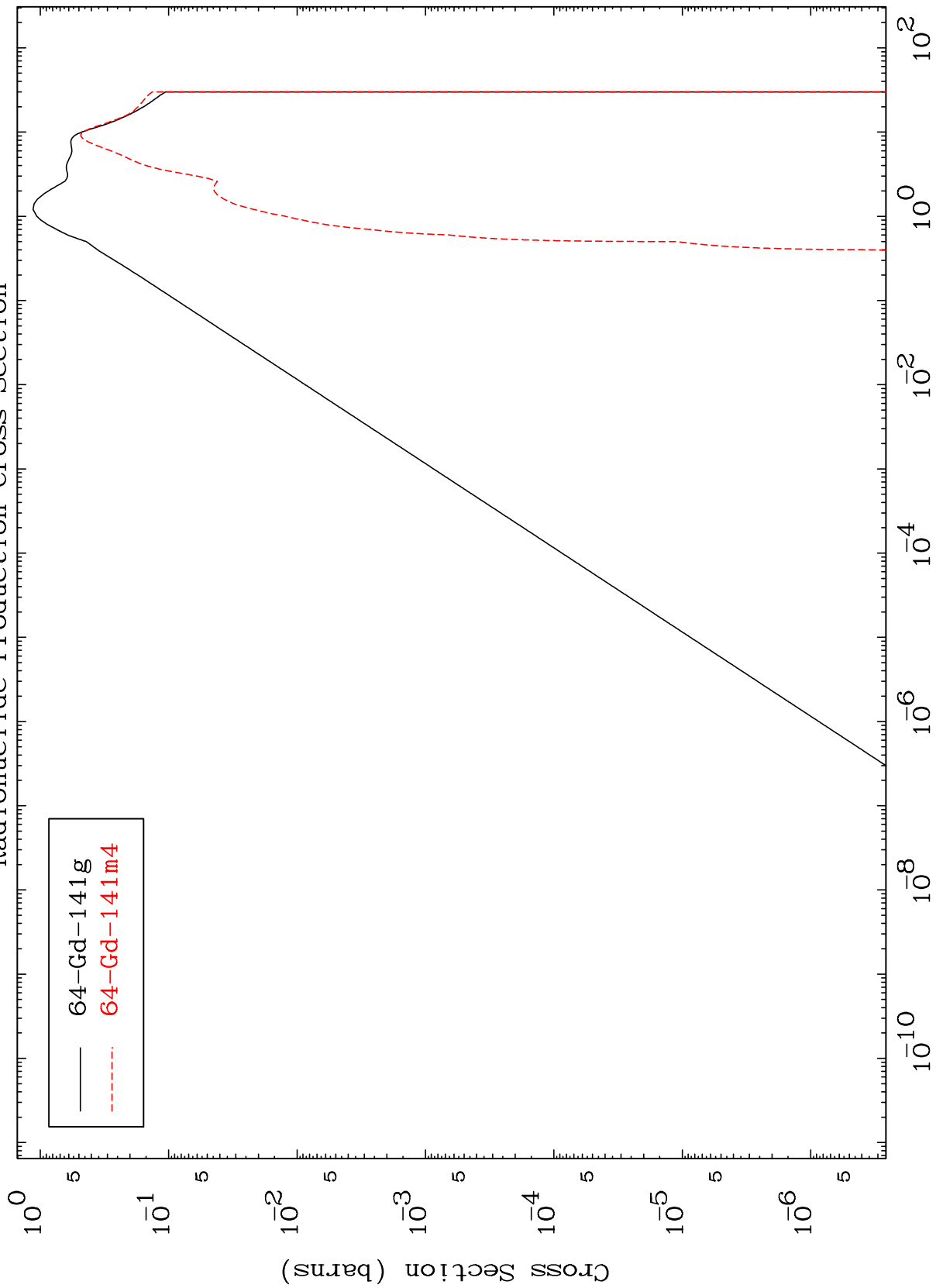


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Inelastic

64-Gd-141

Radionuclide Production Cross Section

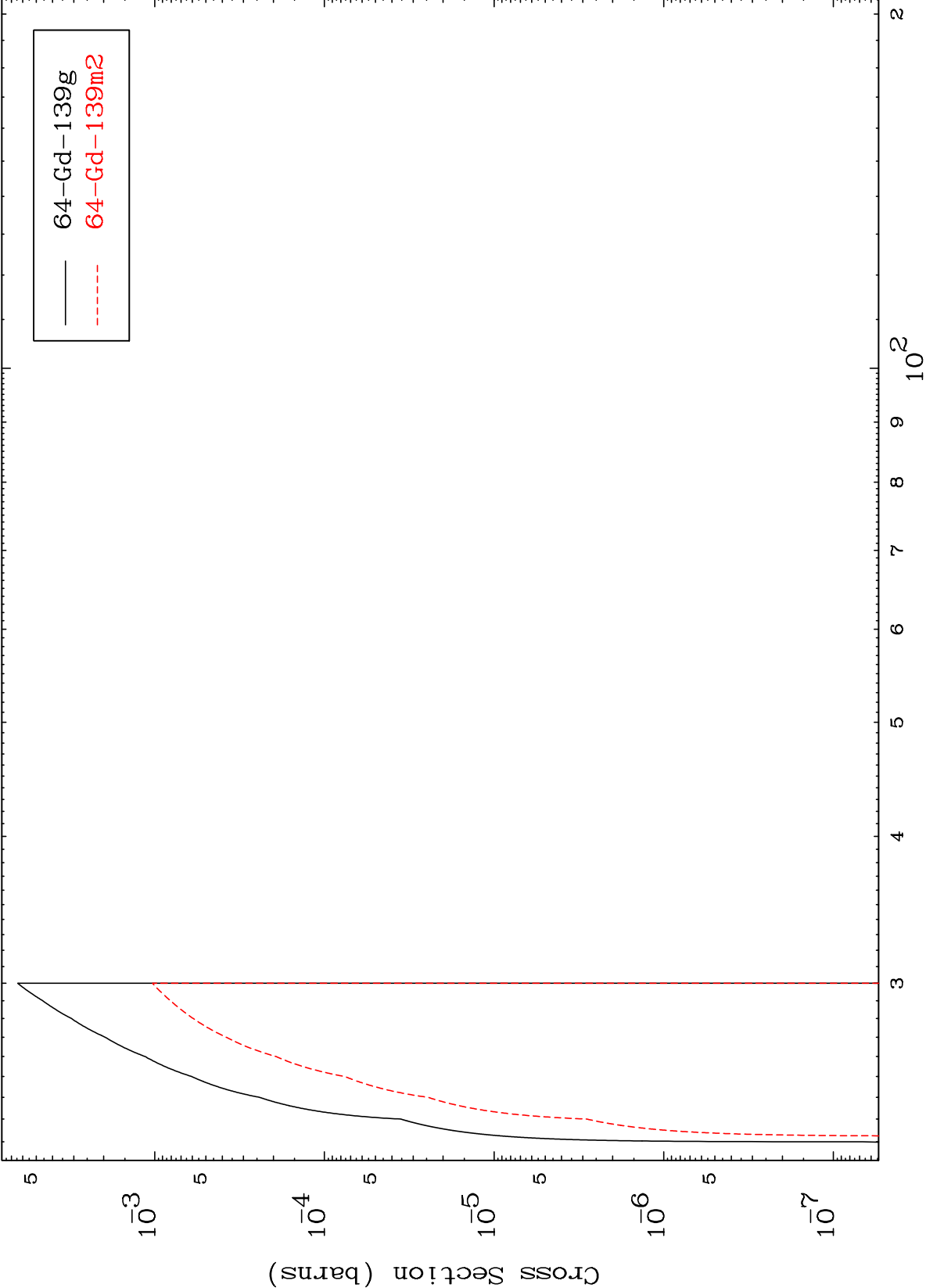


87

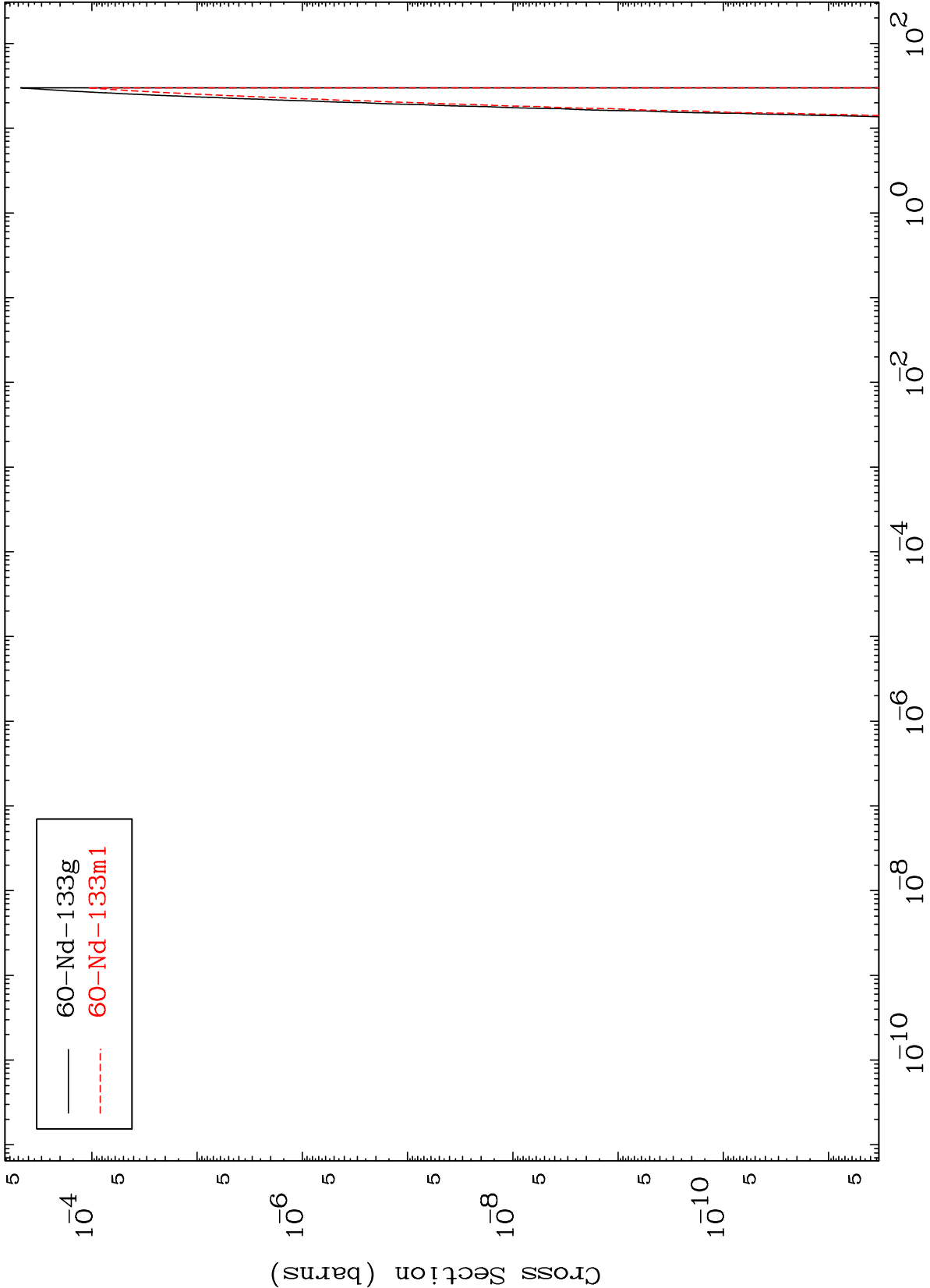
Incident Energy (MeV)

64-Gd-141

(n,3n)
Radionuclide Production Cross Section



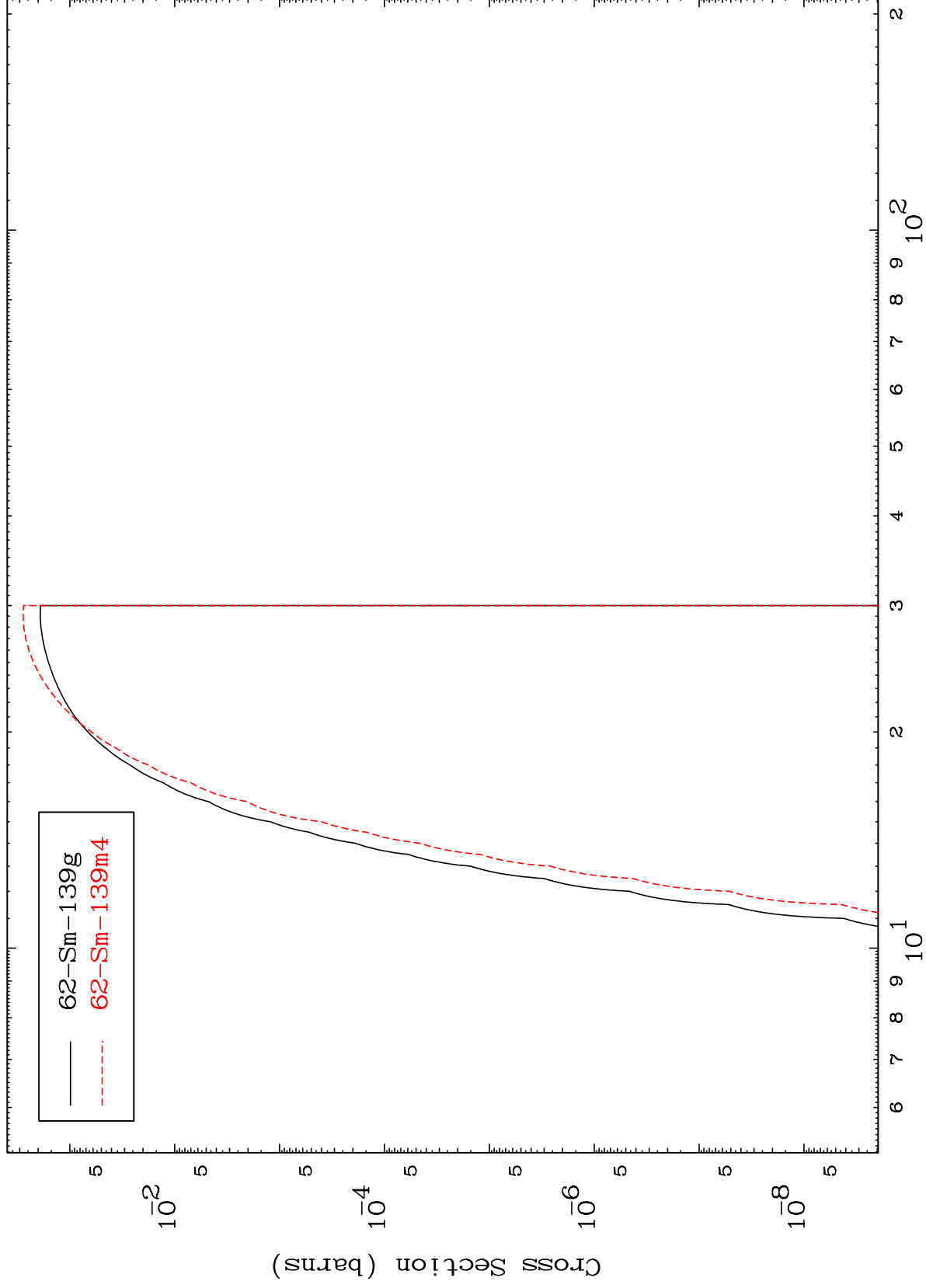
Radionuclide Production Cross Section



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(n,2n) p
Radionuclide Production Cross Section

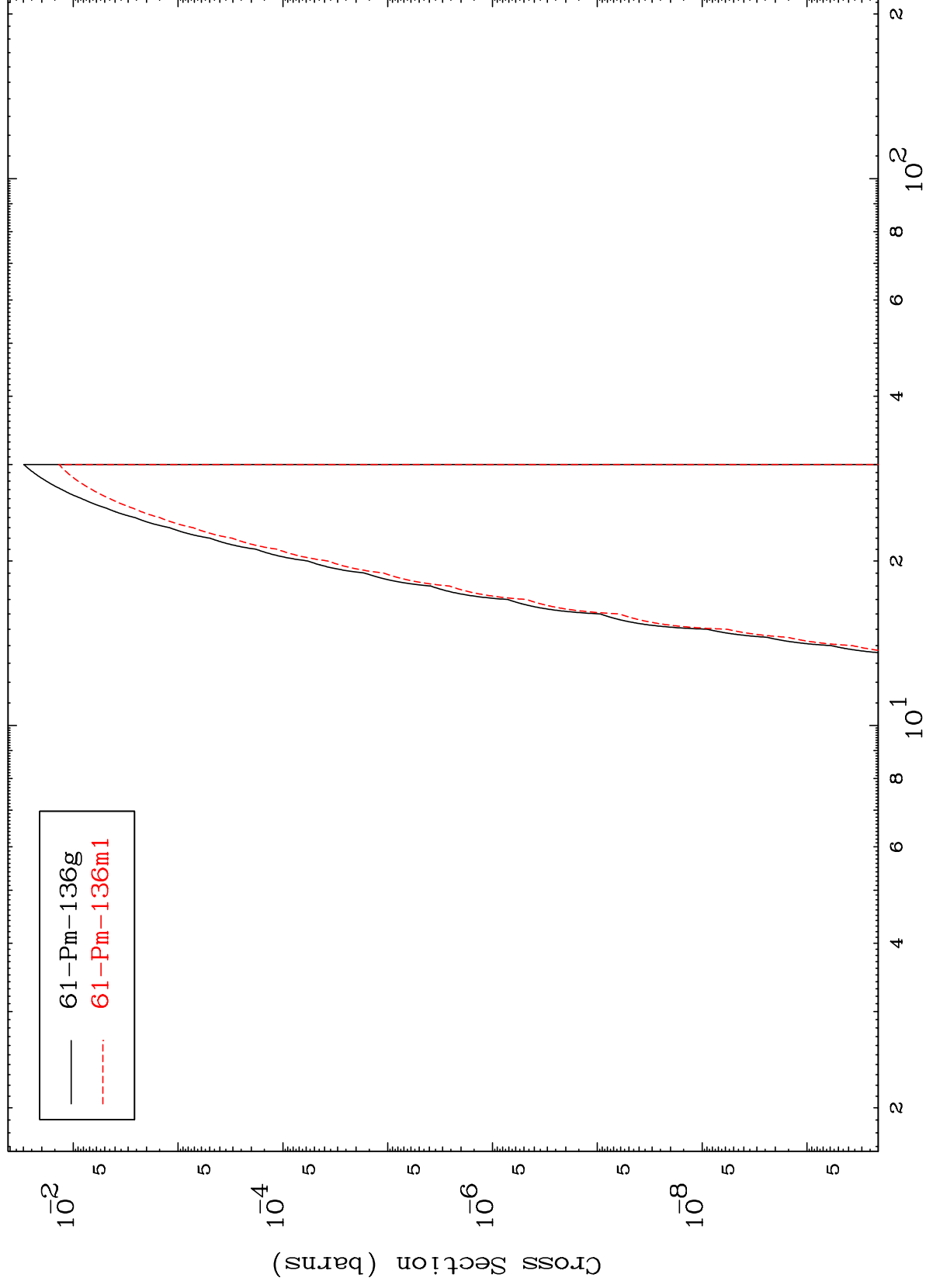


90

Incident Energy (MeV)

64-Gd-141

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



Radionuclide Production Cross Section (n,p)

