

Program EVALPLOT
(Version 2021-1)

by

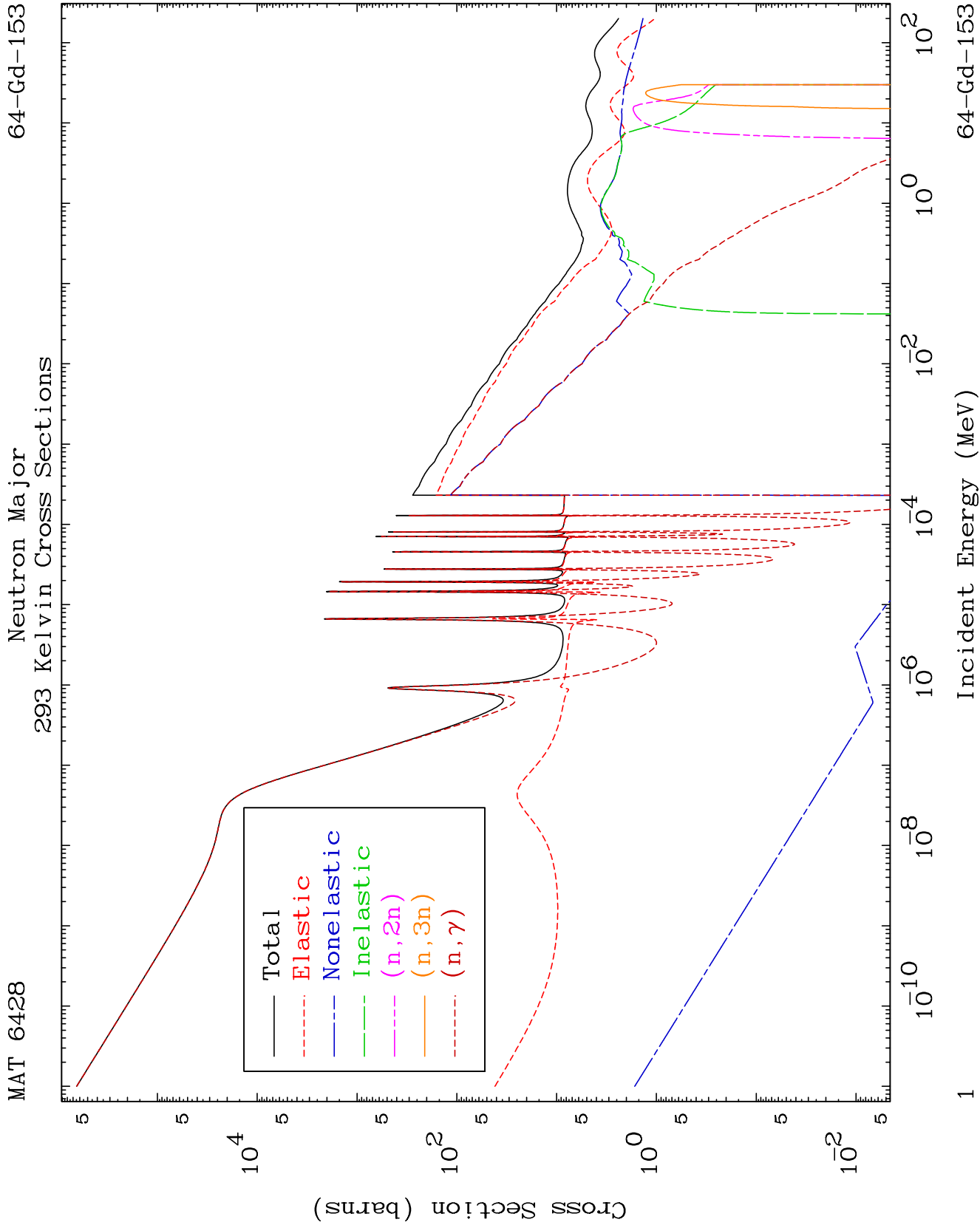
Dermott E. Cullen
(Present Contact Information)

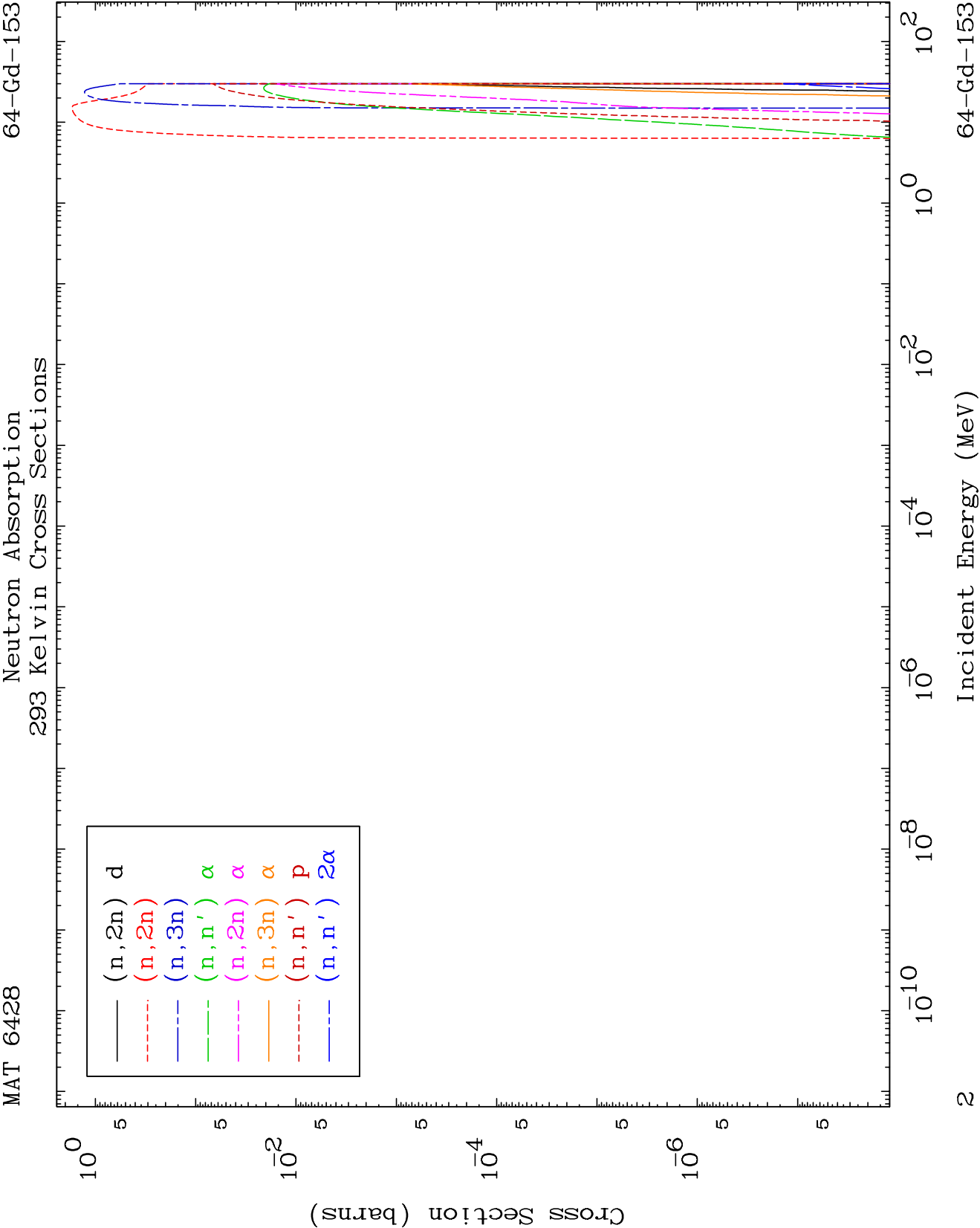
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

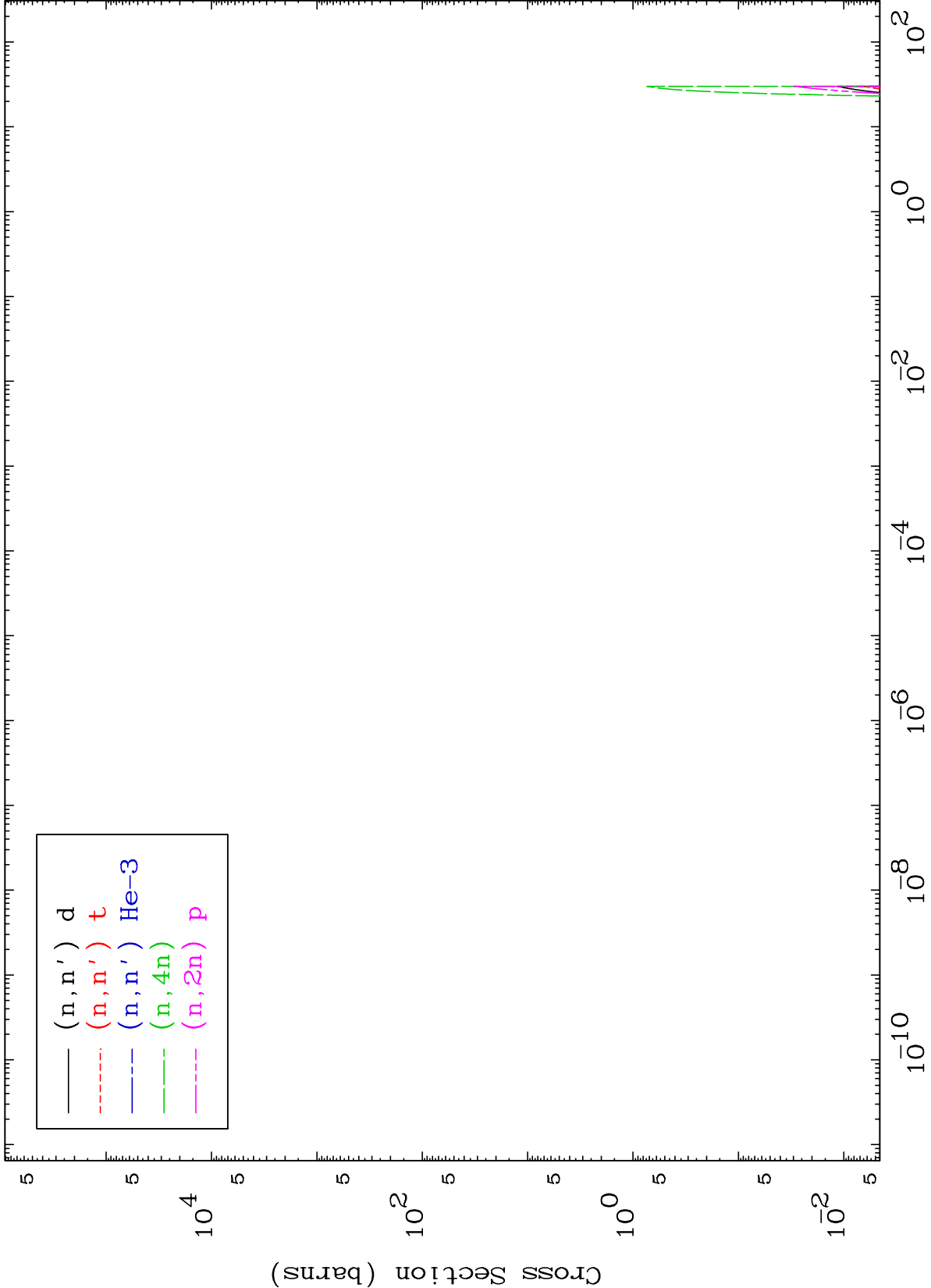
Tele: 925-443-1911

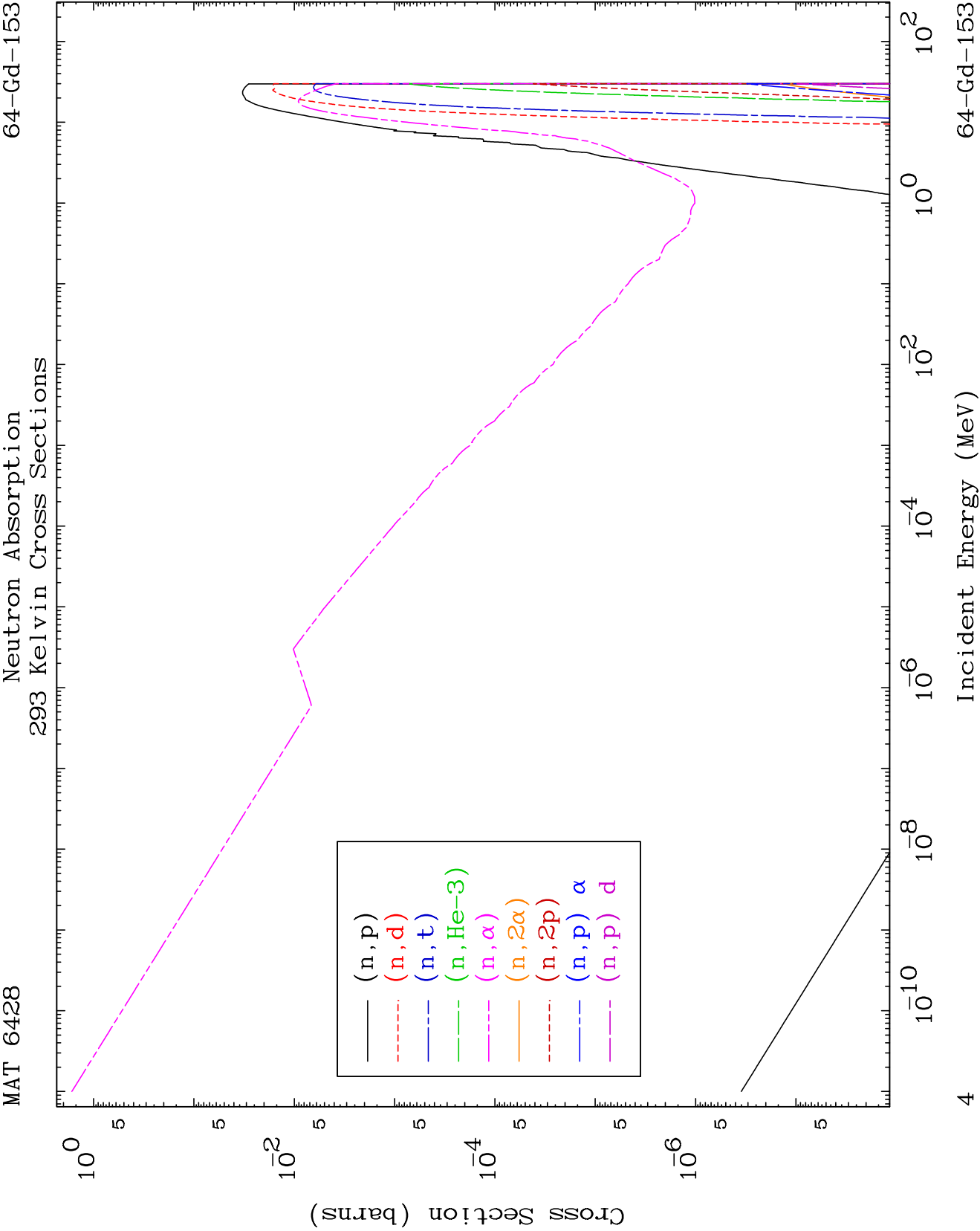
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

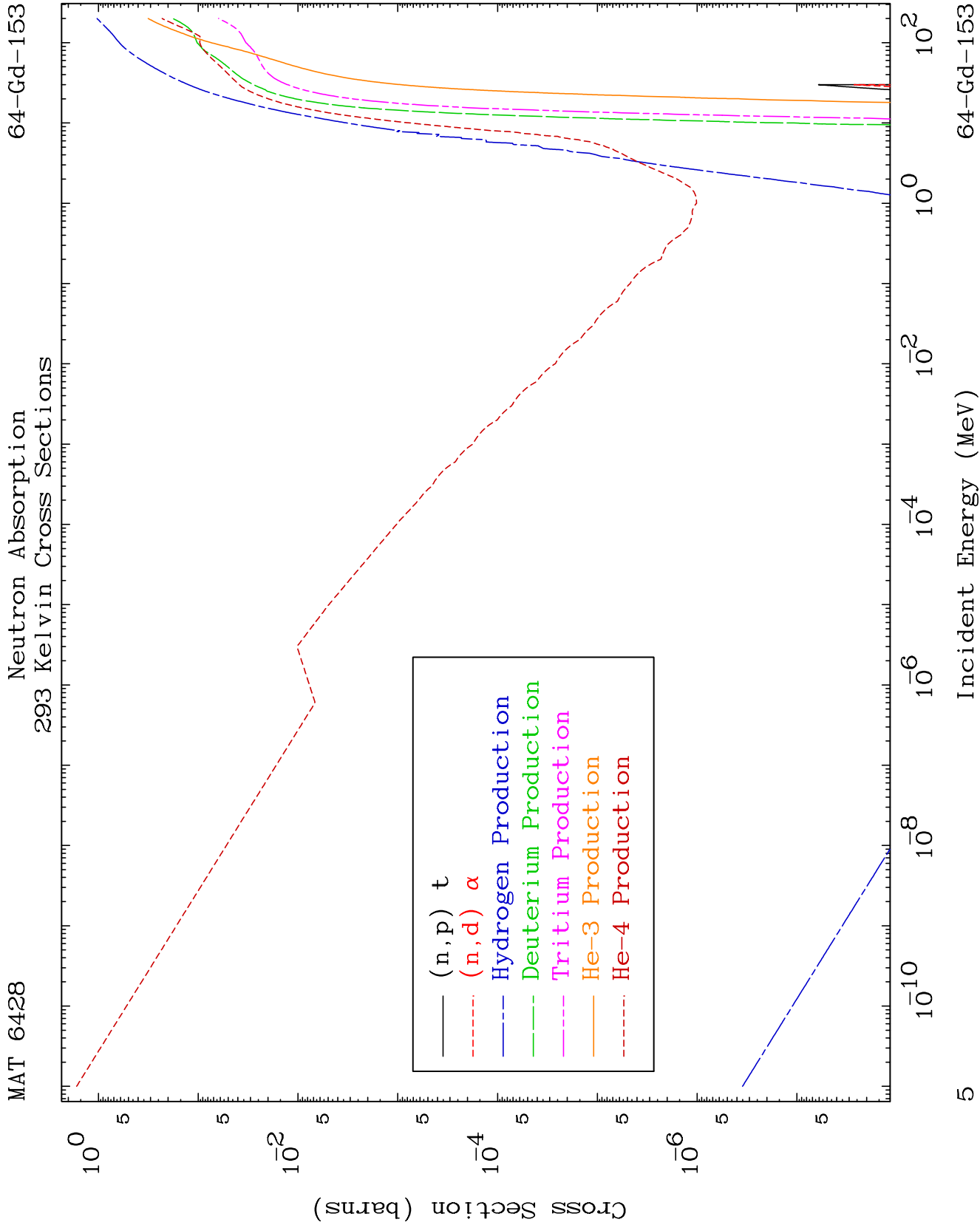
Press Mouse Button to Start

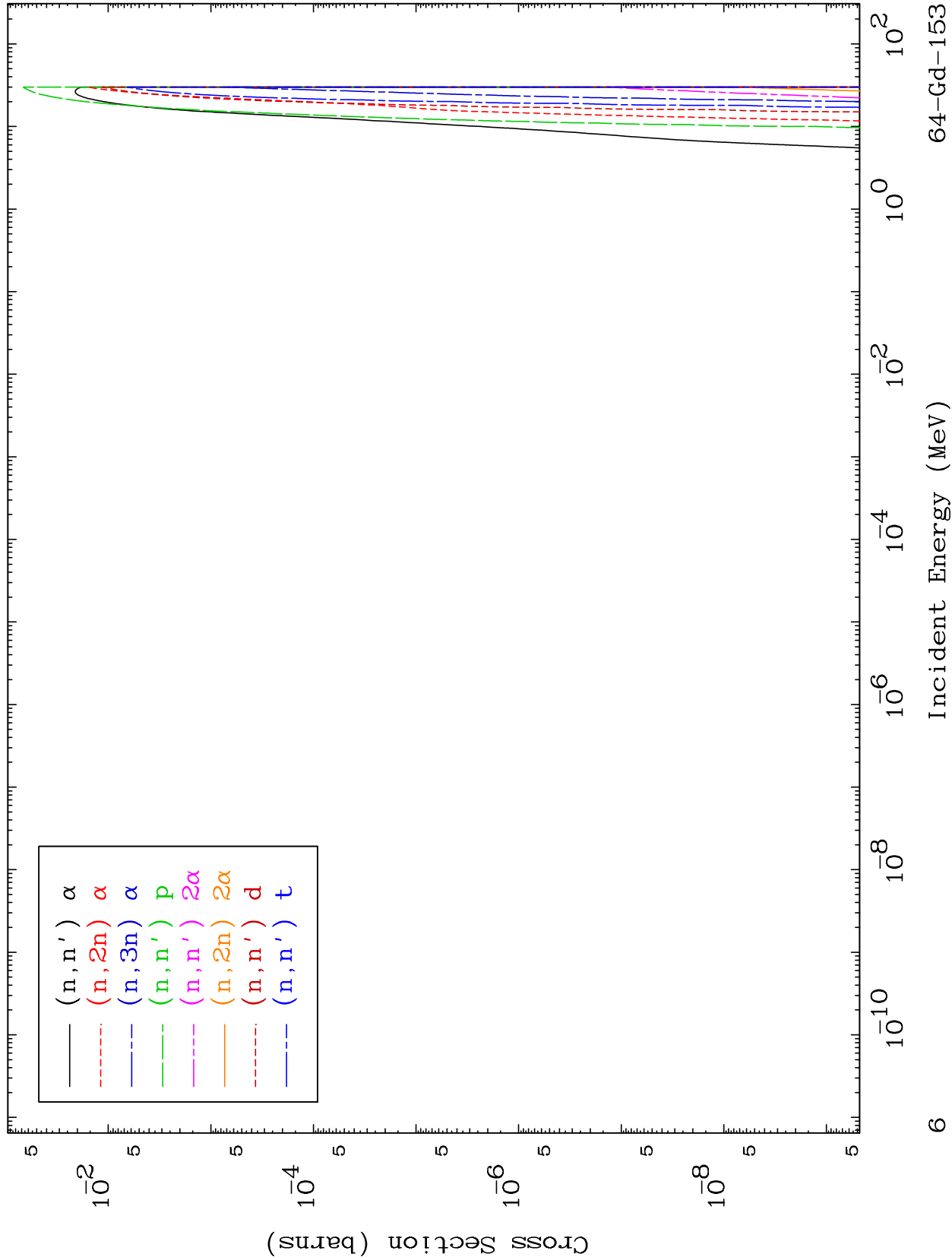


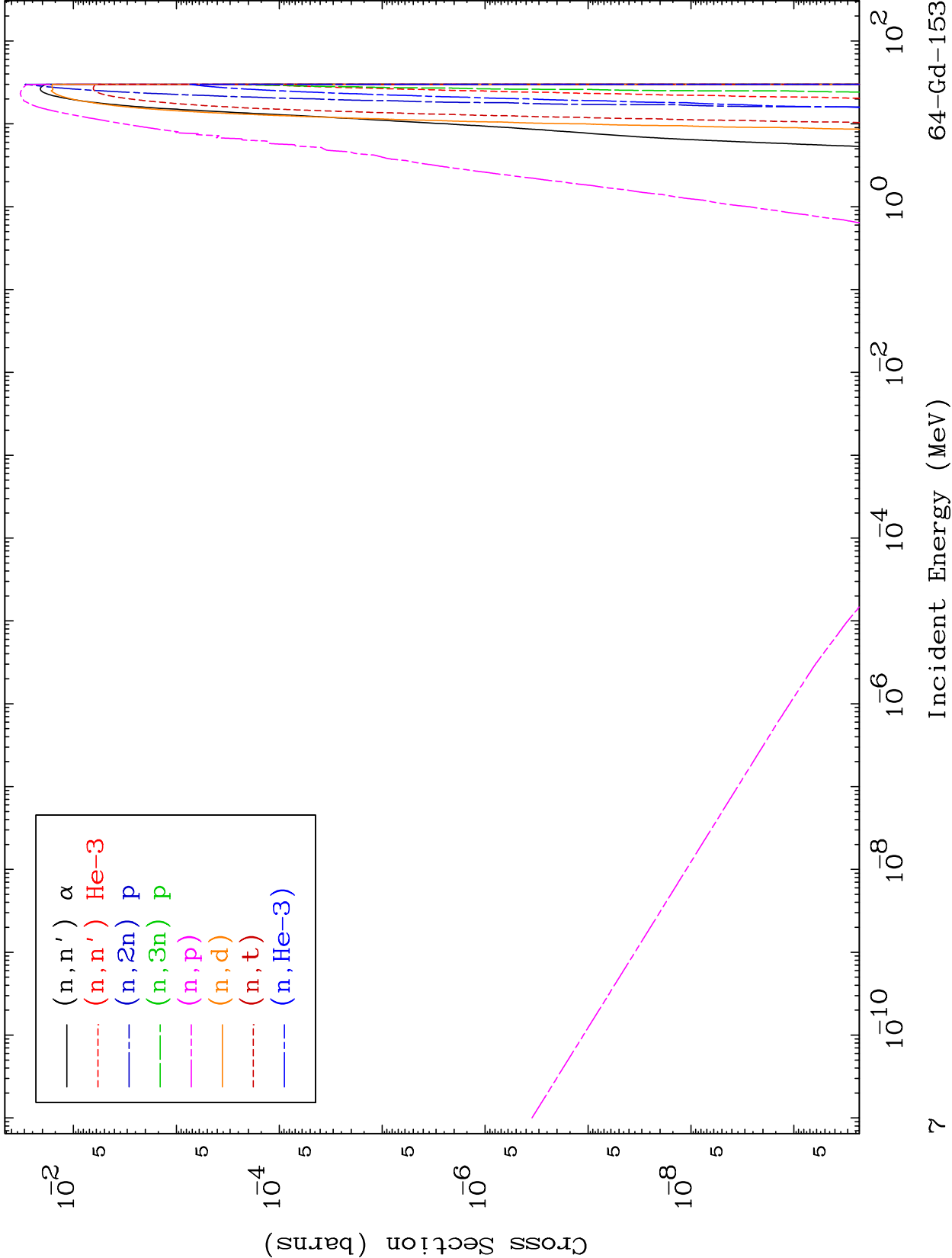


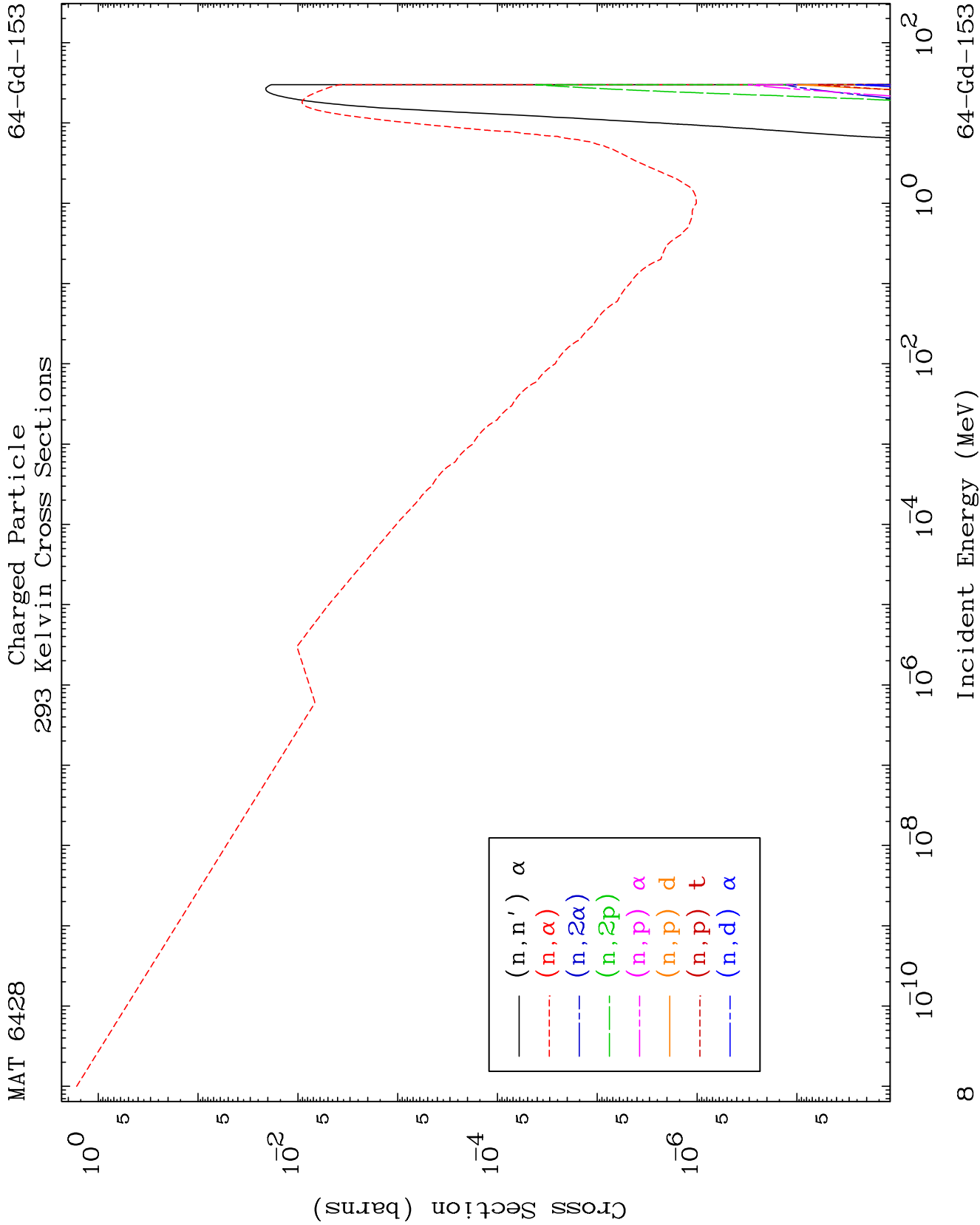


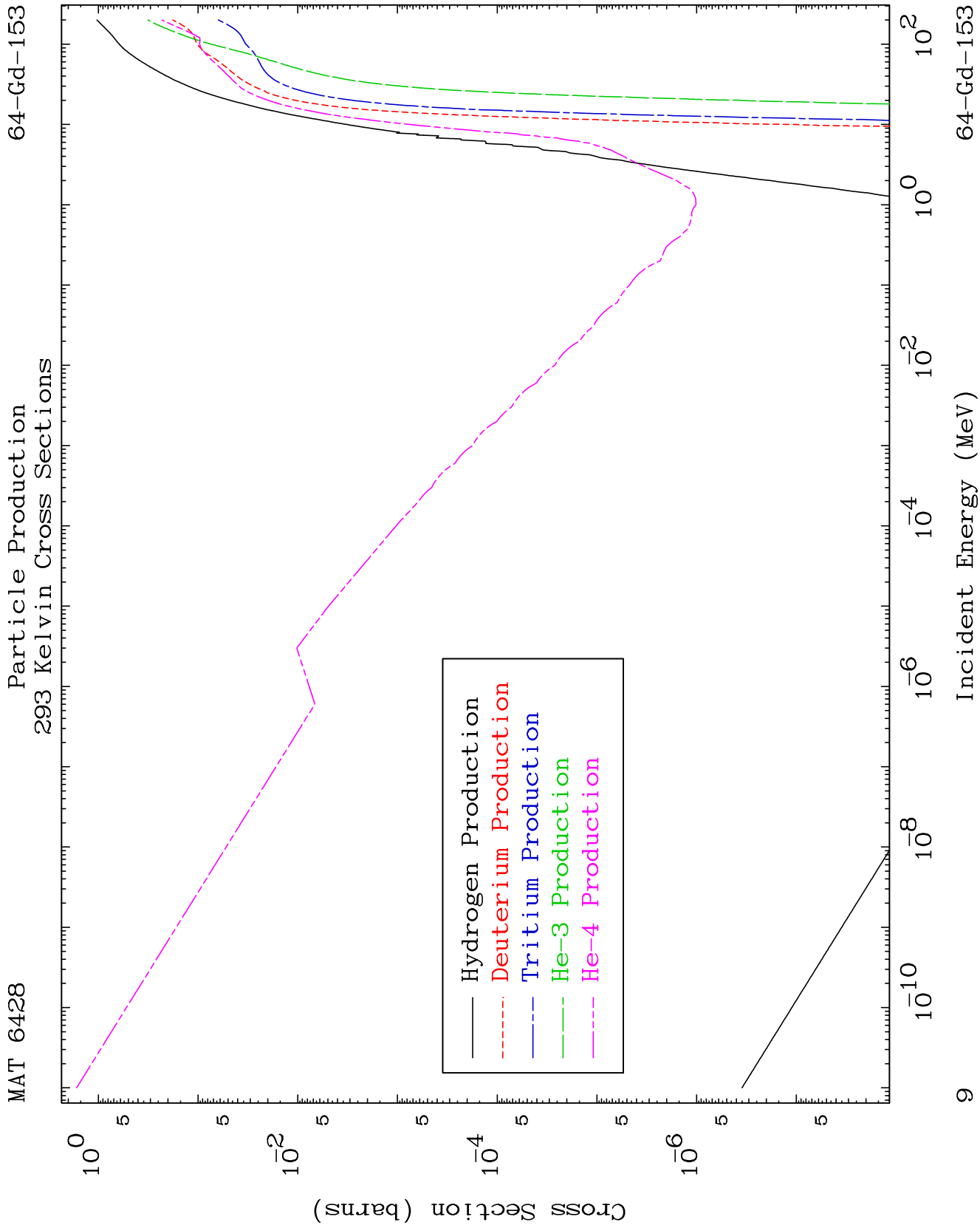










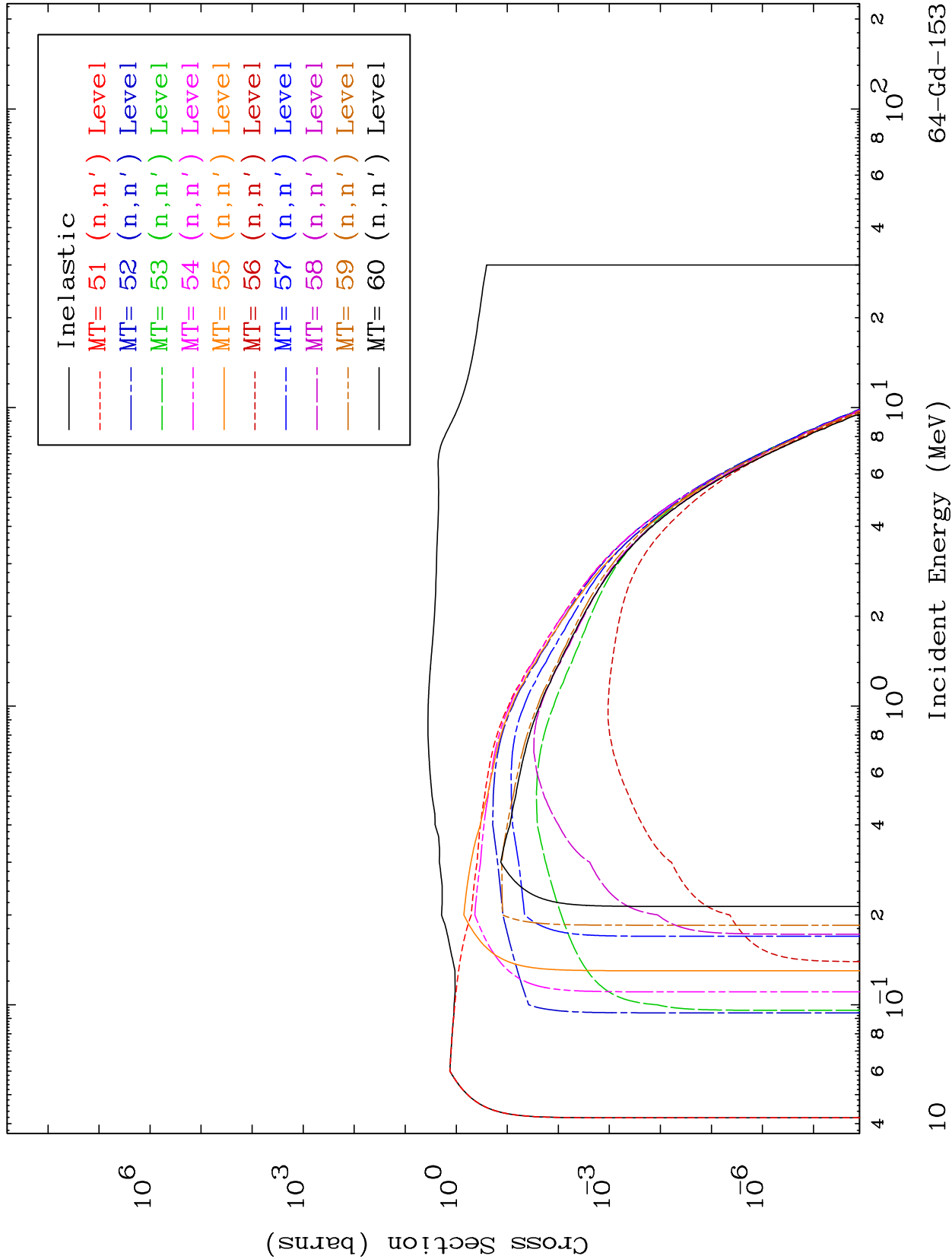


MAT 6428

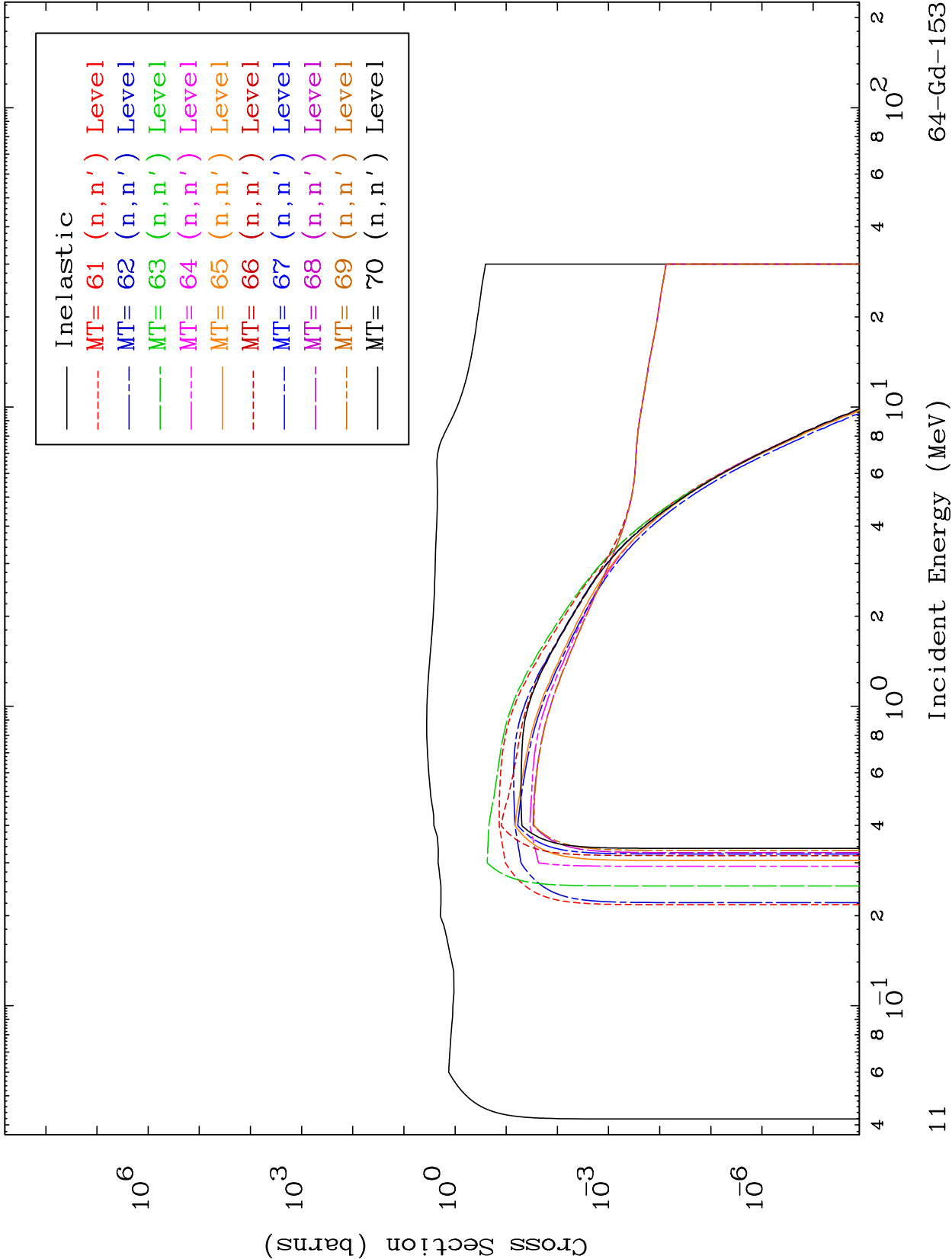
(n,n') Levels

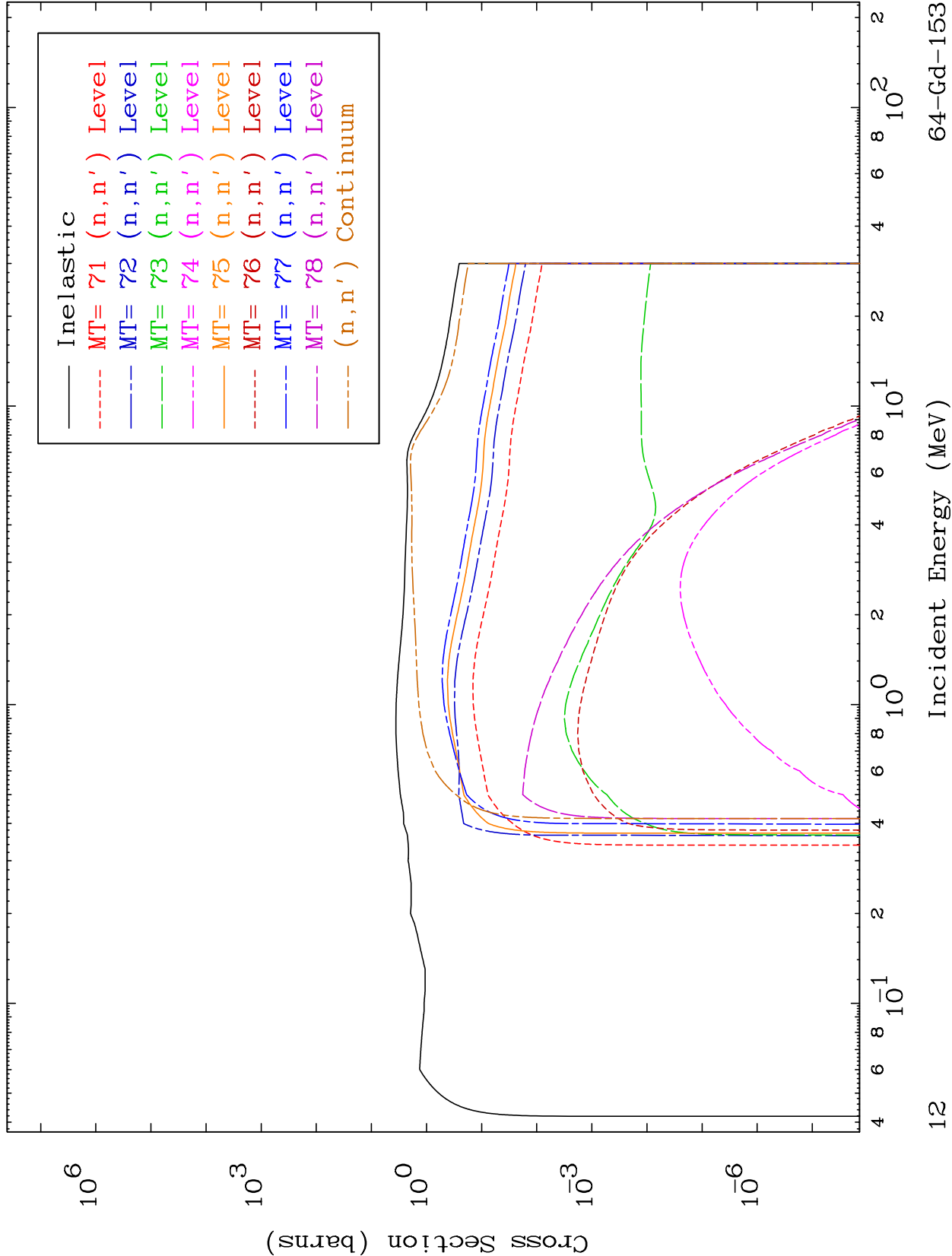
293 Kelvin Cross Sections

64-Gd-153



64-Gd-153

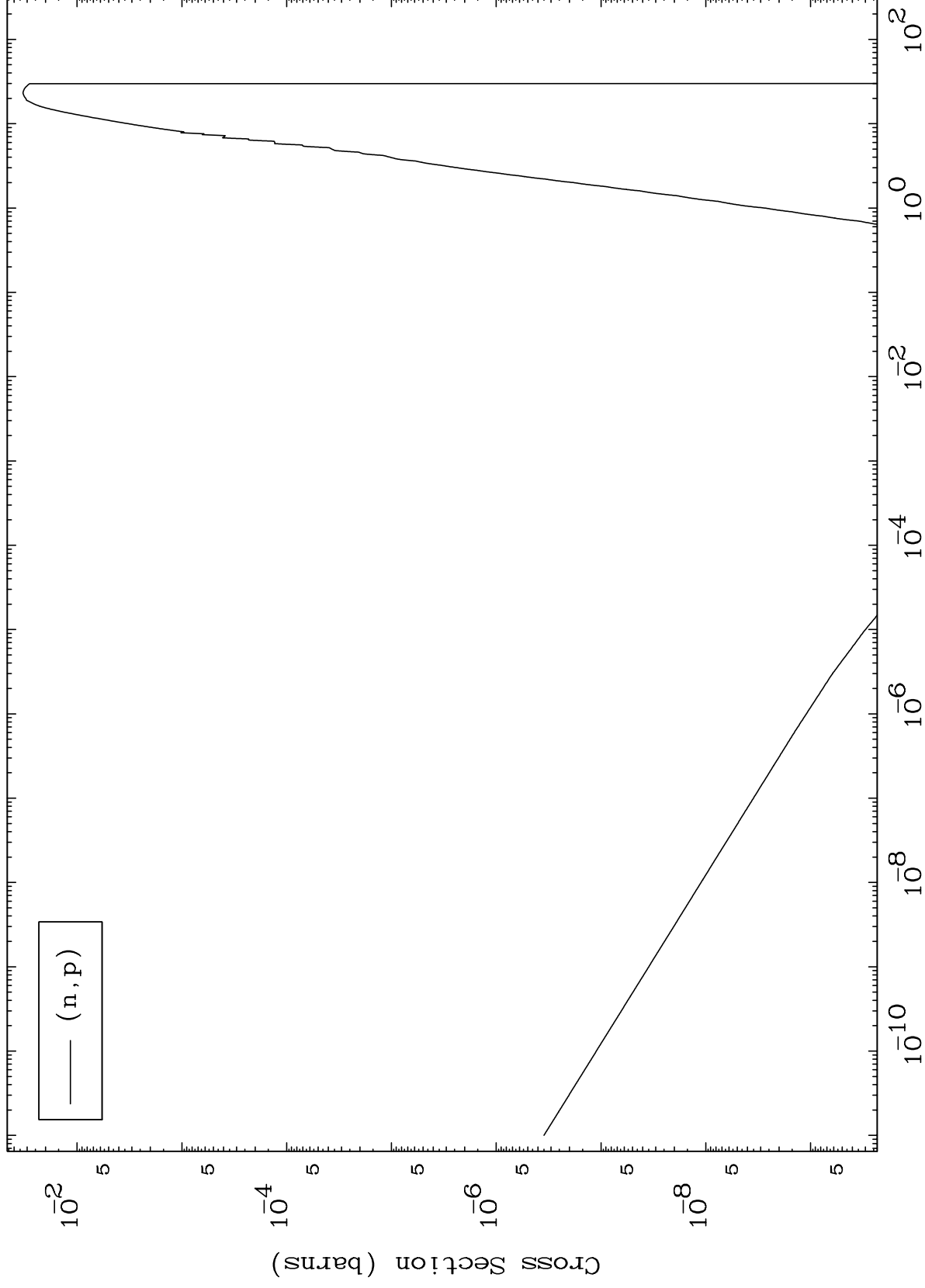




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(n,p) Levels
293 Kelvin Cross Sections

64-Gd-153



13

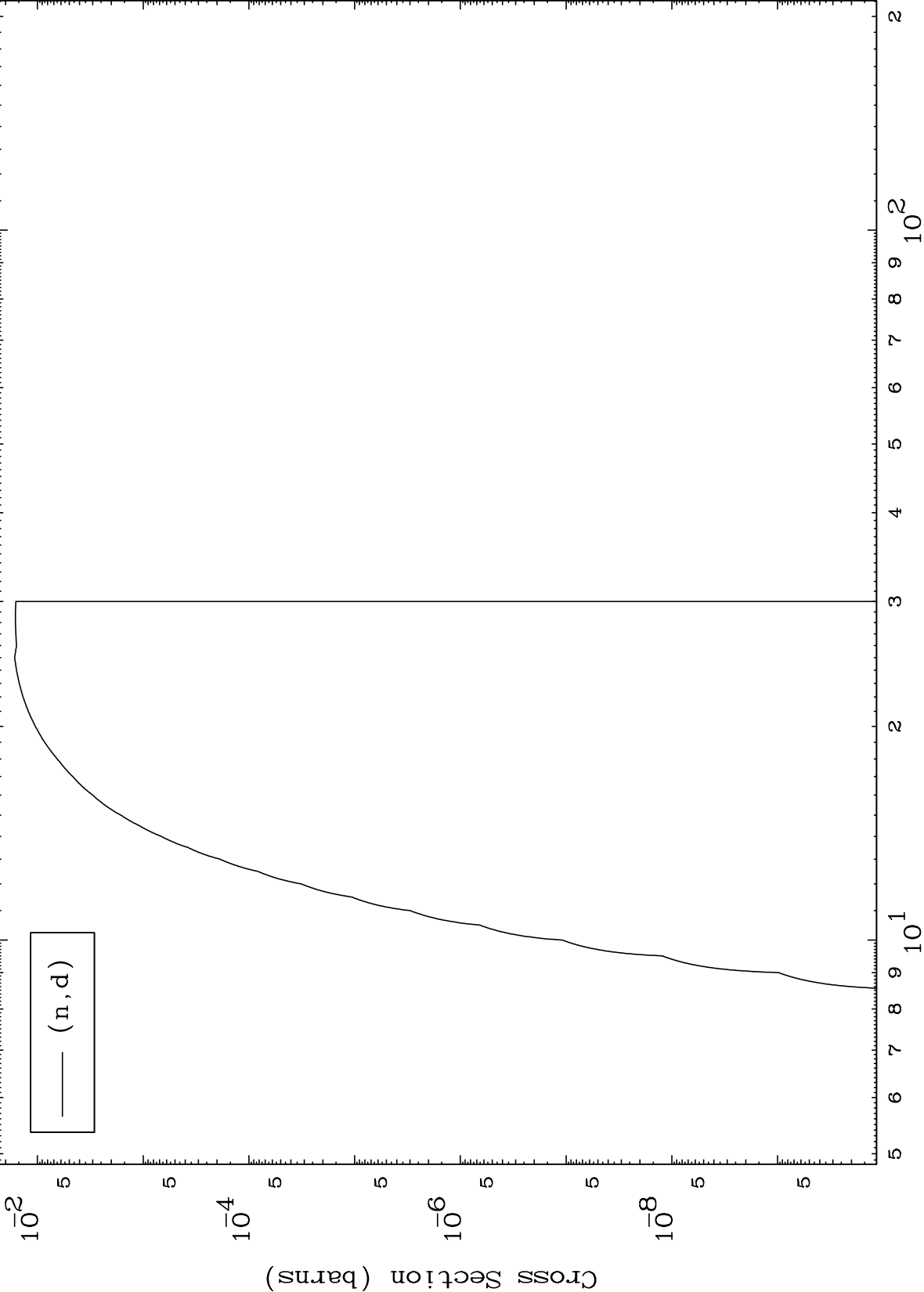
Incident Energy (MeV)

64-Gd-153

MAT 6428

64-Gd-153

(n,d) Levels
293 Kelvin Cross Sections



64-Gd-153

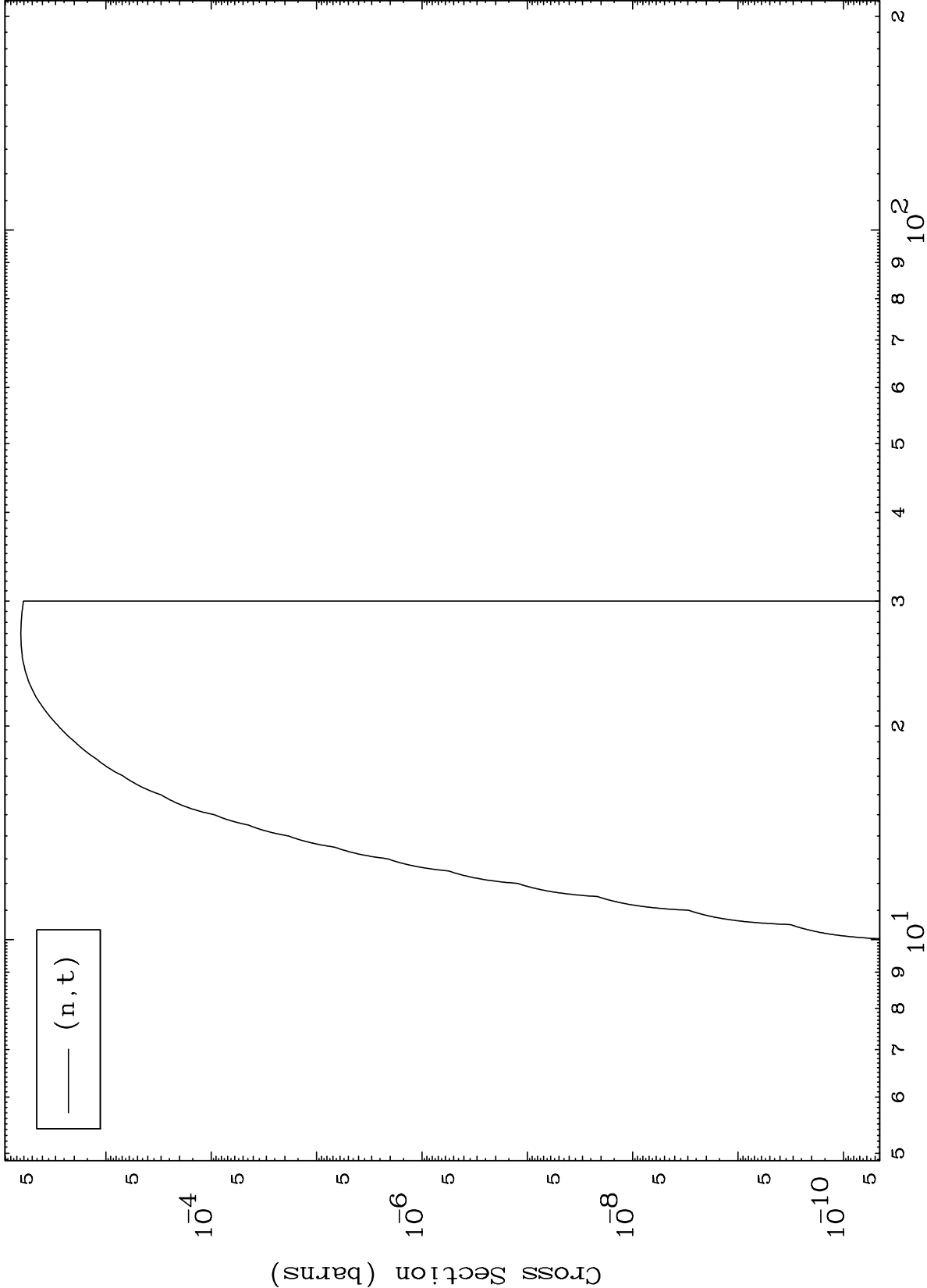
Incident Energy (MeV)

14

MAT 6428

64-Gd-153

(n,t) Levels
293 Kelvin Cross Sections



Incident Energy (MeV)

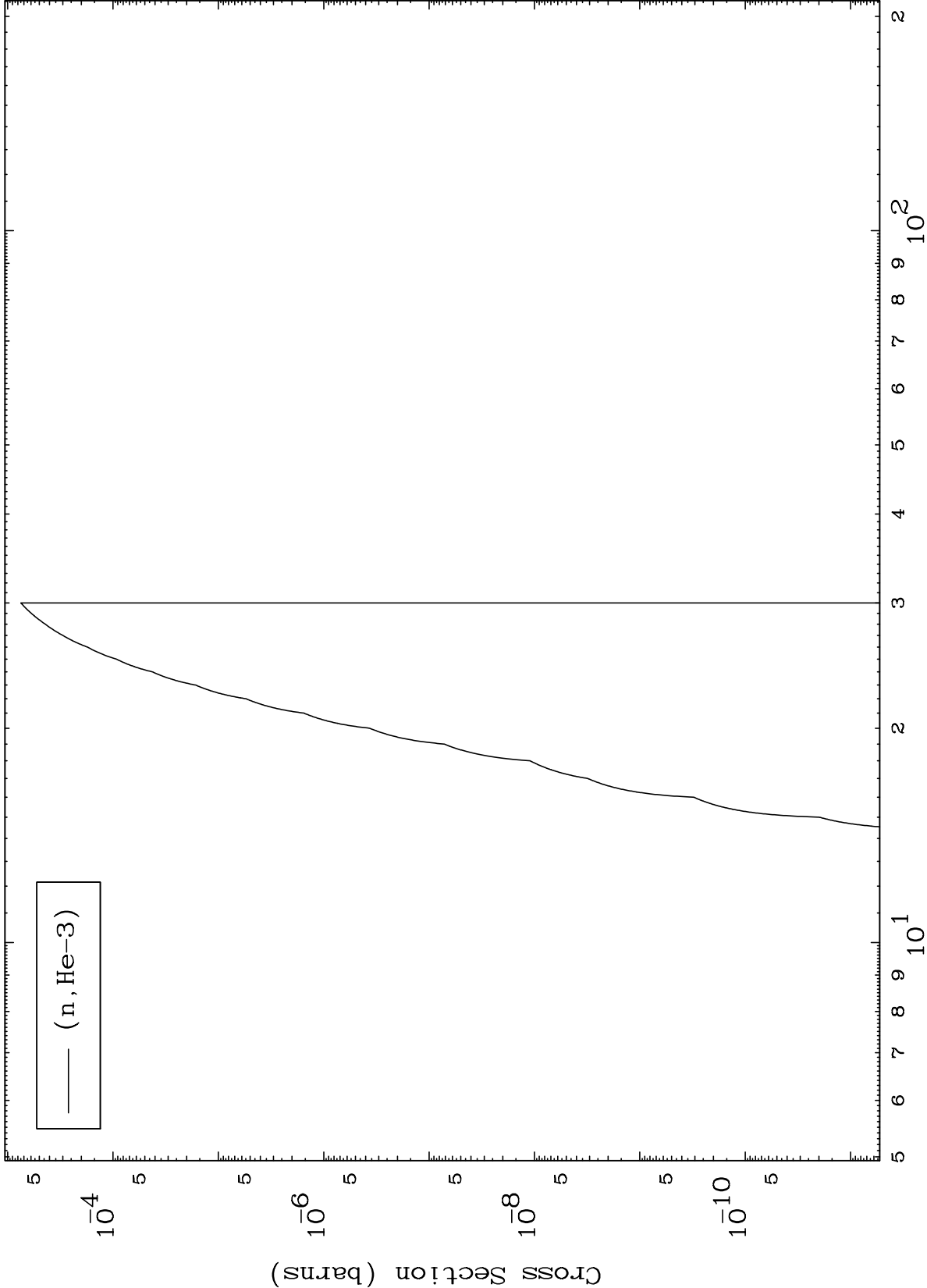
64-Gd-153

15

MAT 6428

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-153



16

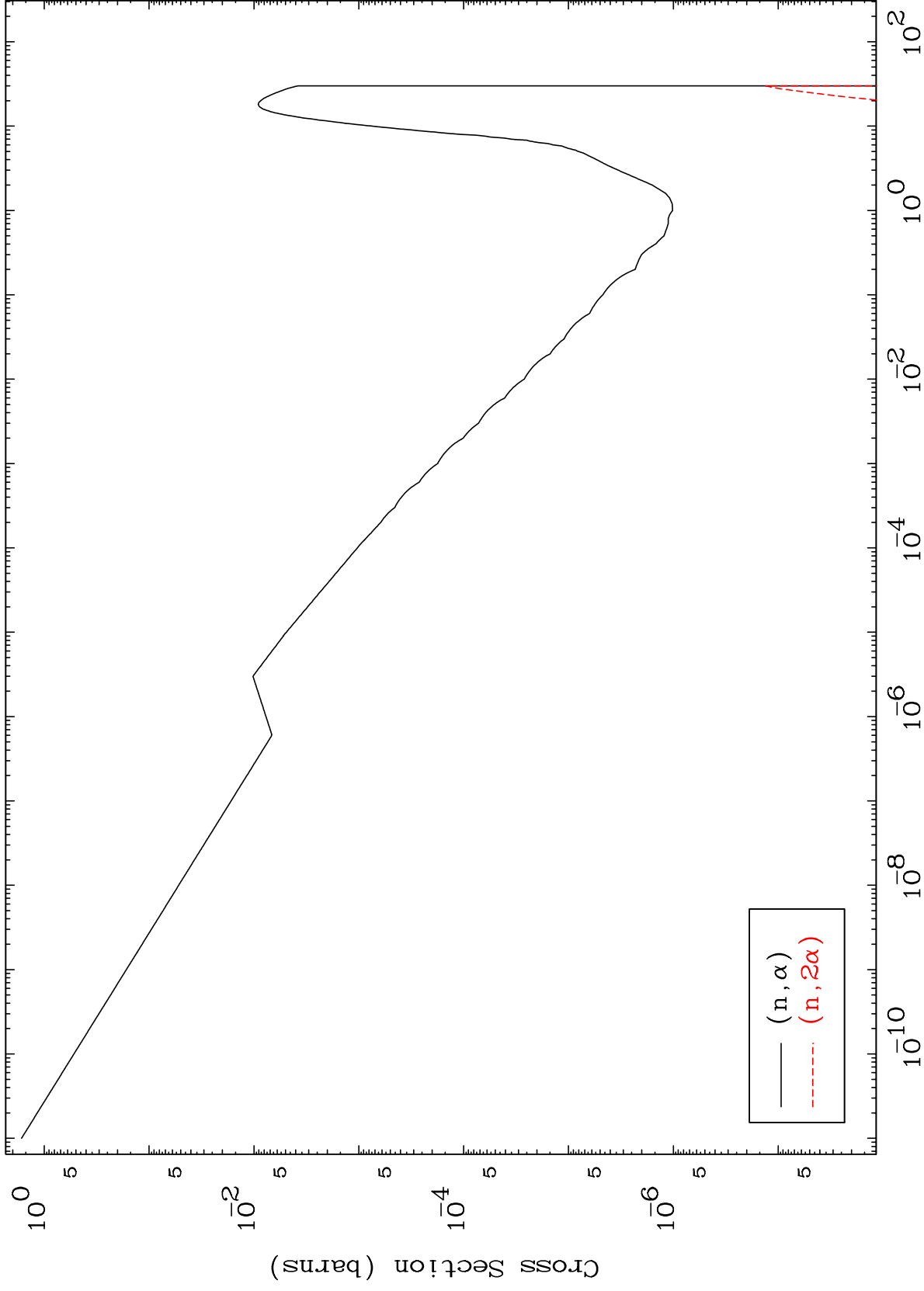
Incident Energy (MeV)

64-Gd-153

MAT 6428

64-Gd-153

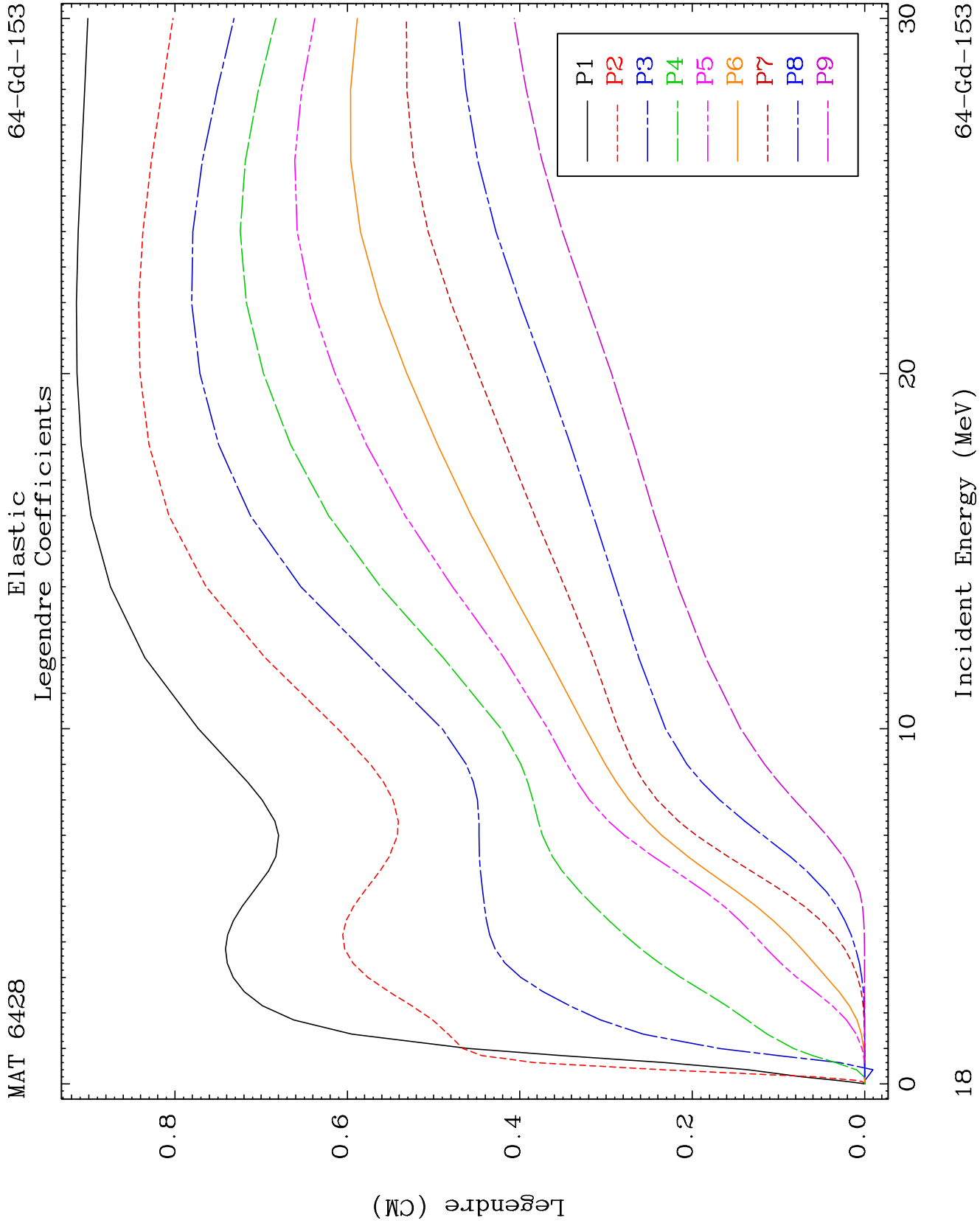
(n, α) Levels
293 Kelvin Cross Sections

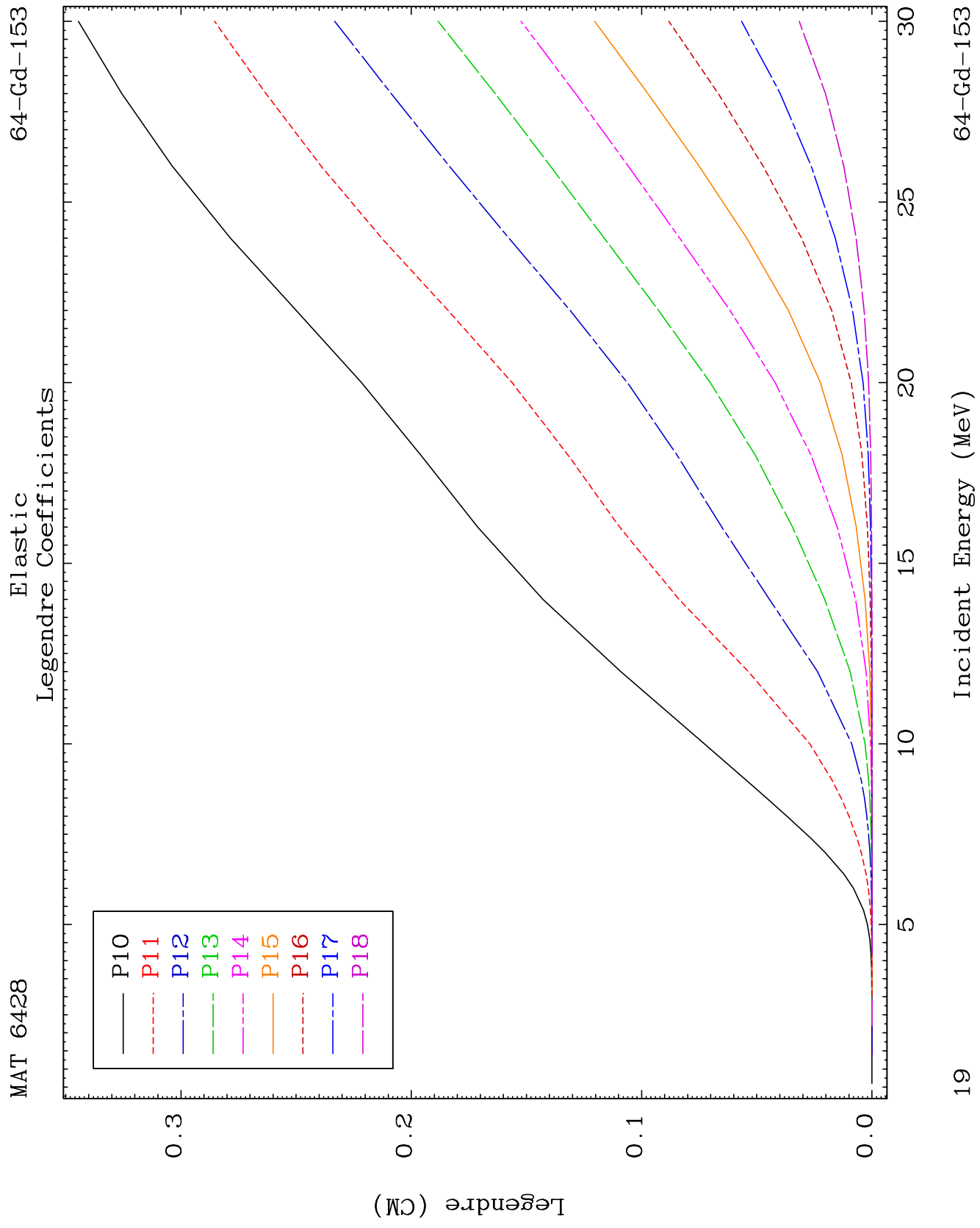


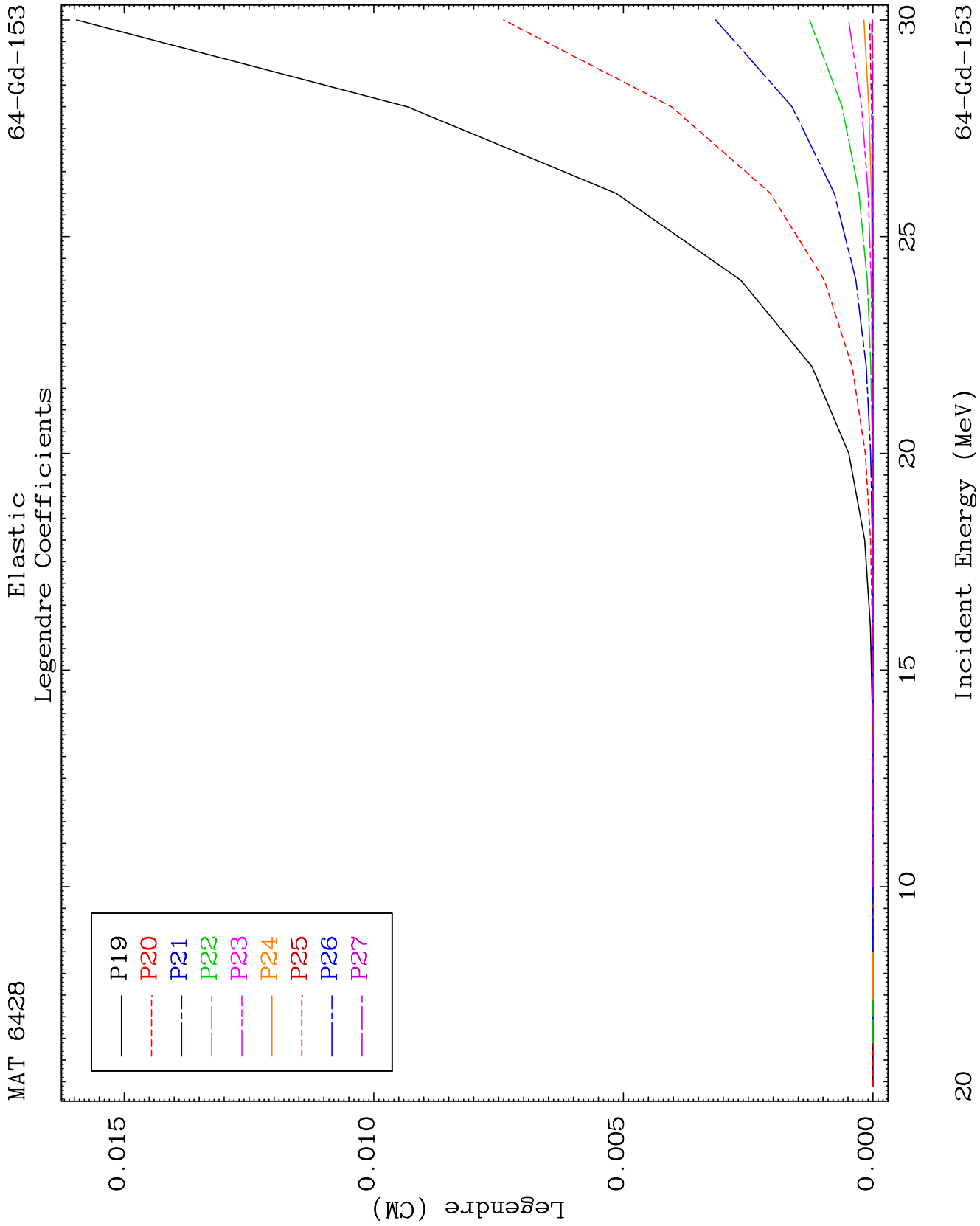
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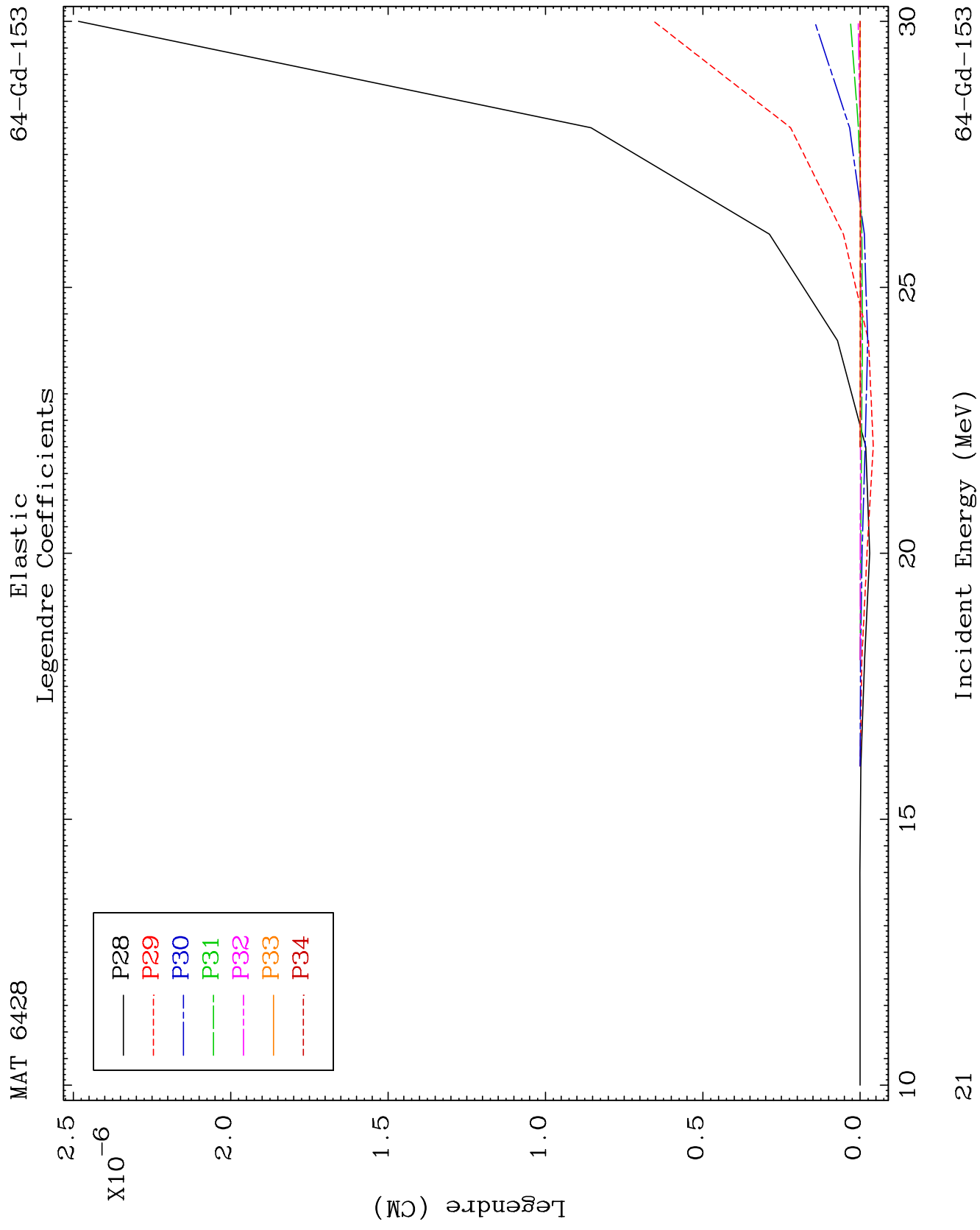
Incident Energy (MeV)

17





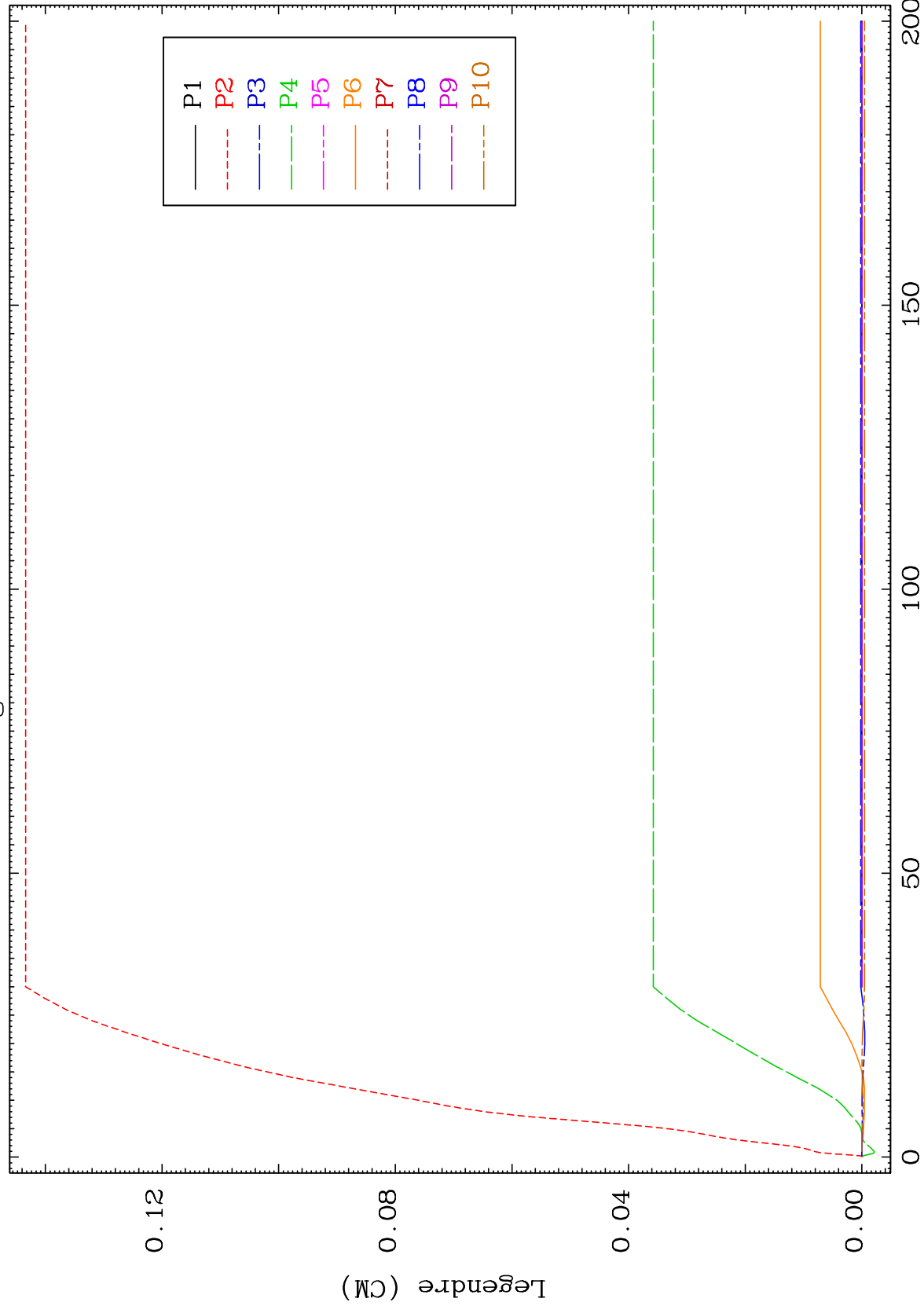




MAT 6428

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

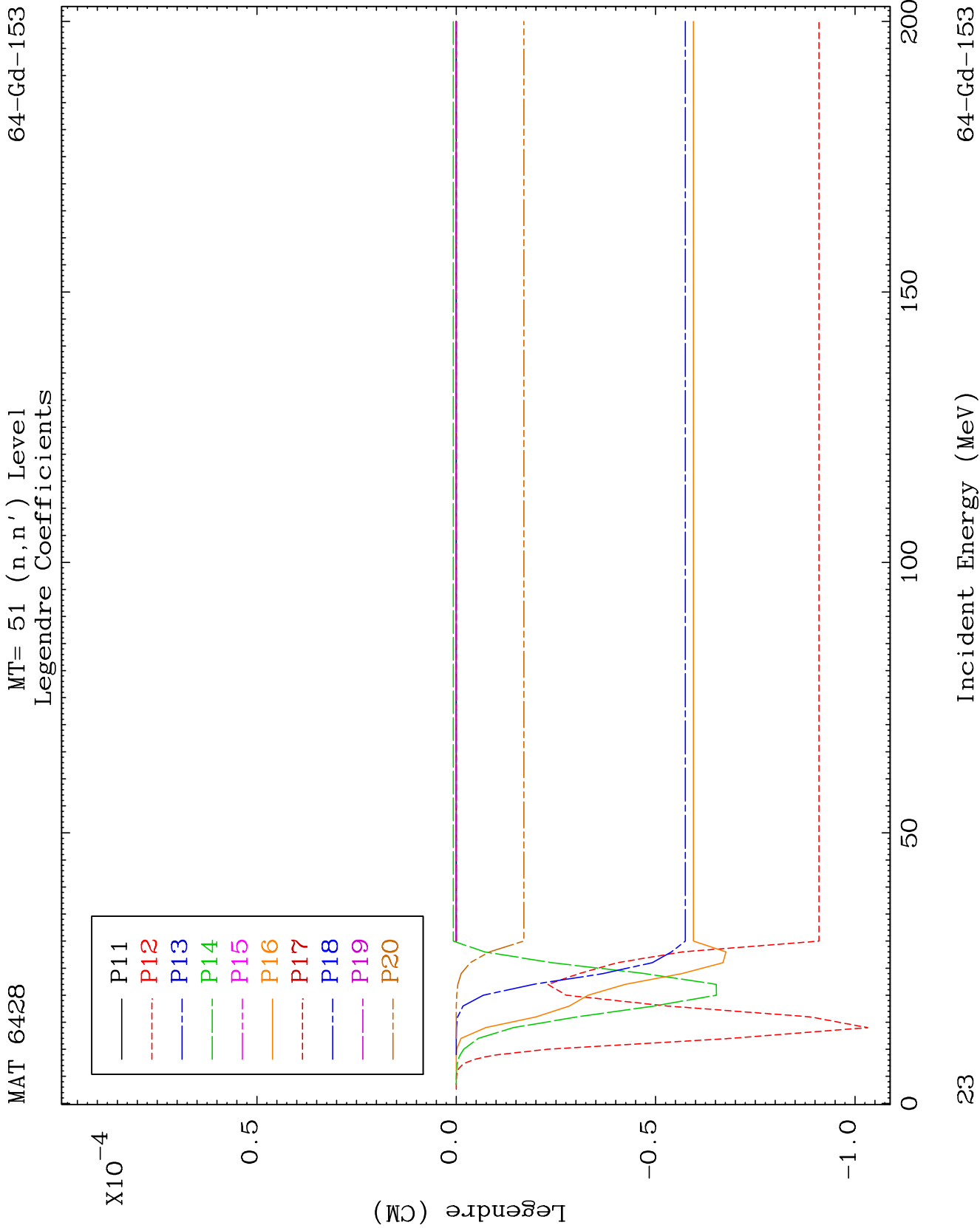
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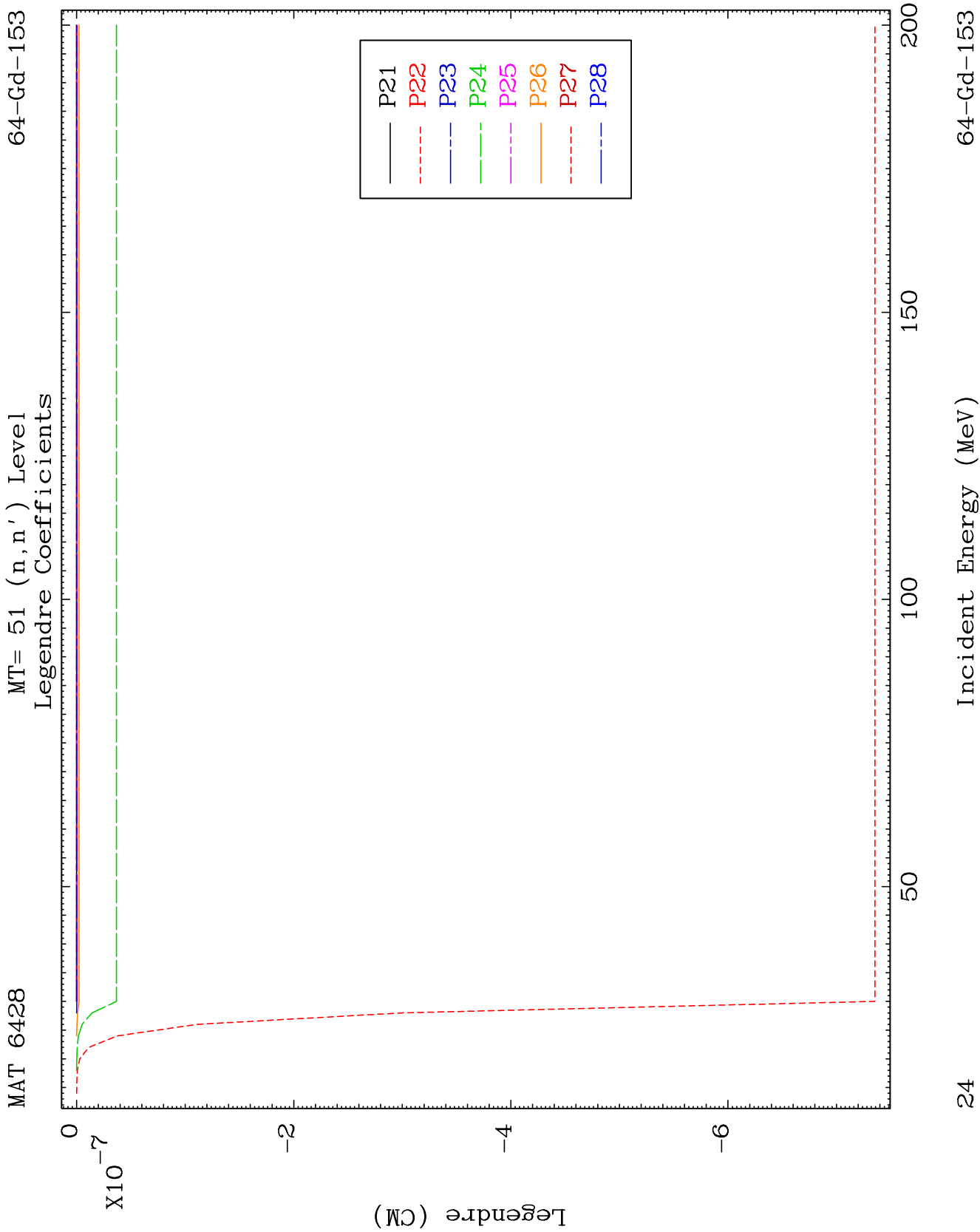


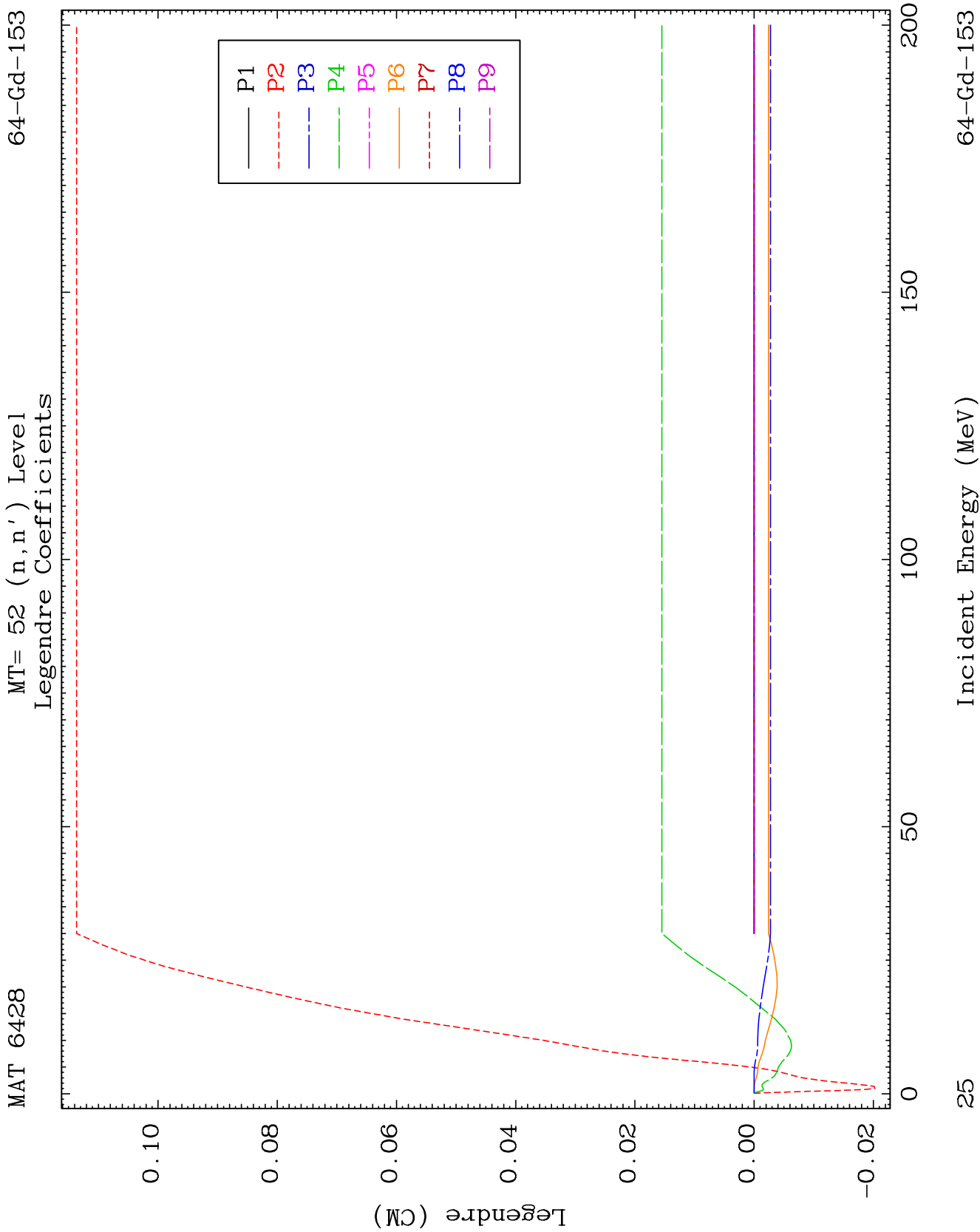
22

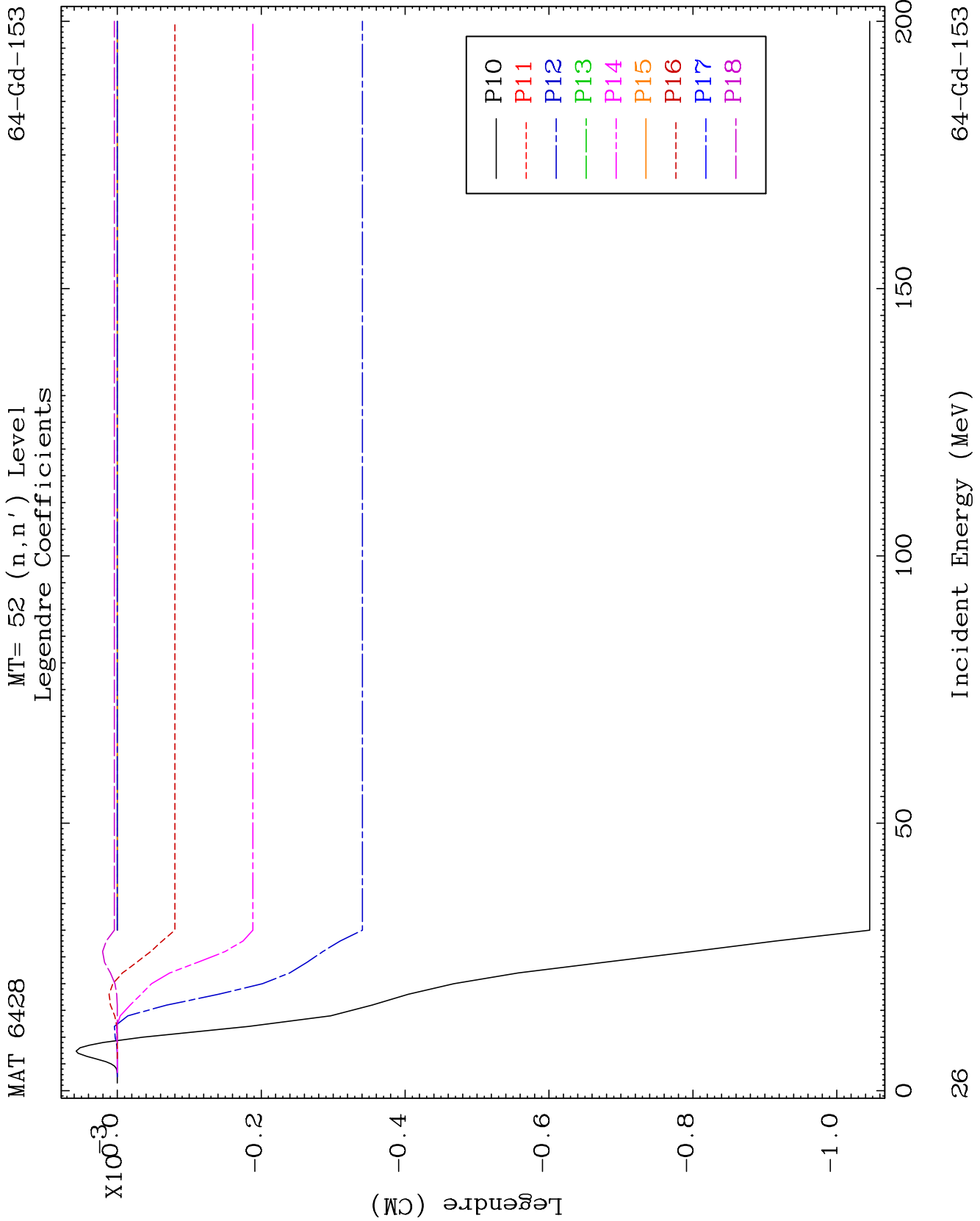
Incident Energy (MeV)

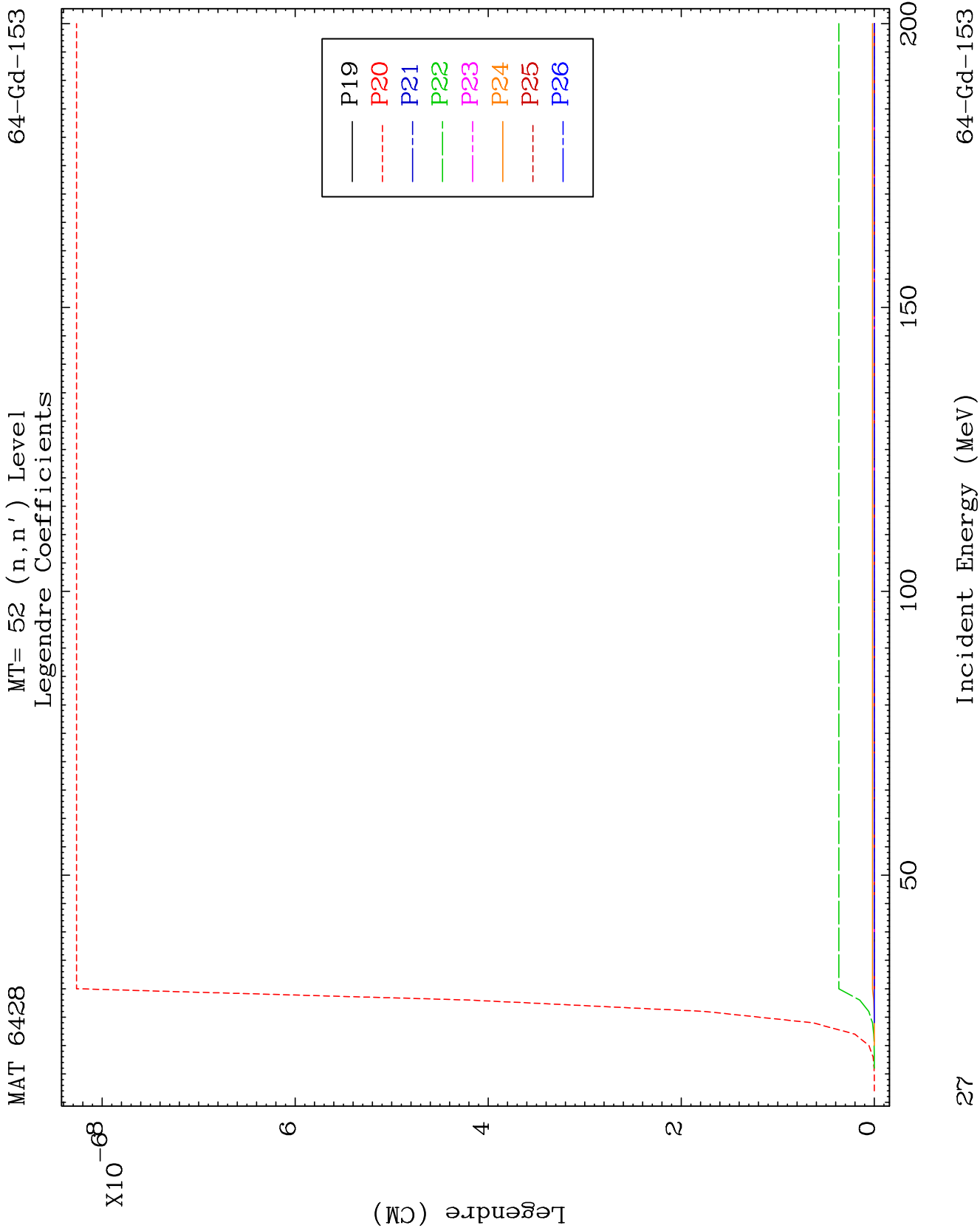
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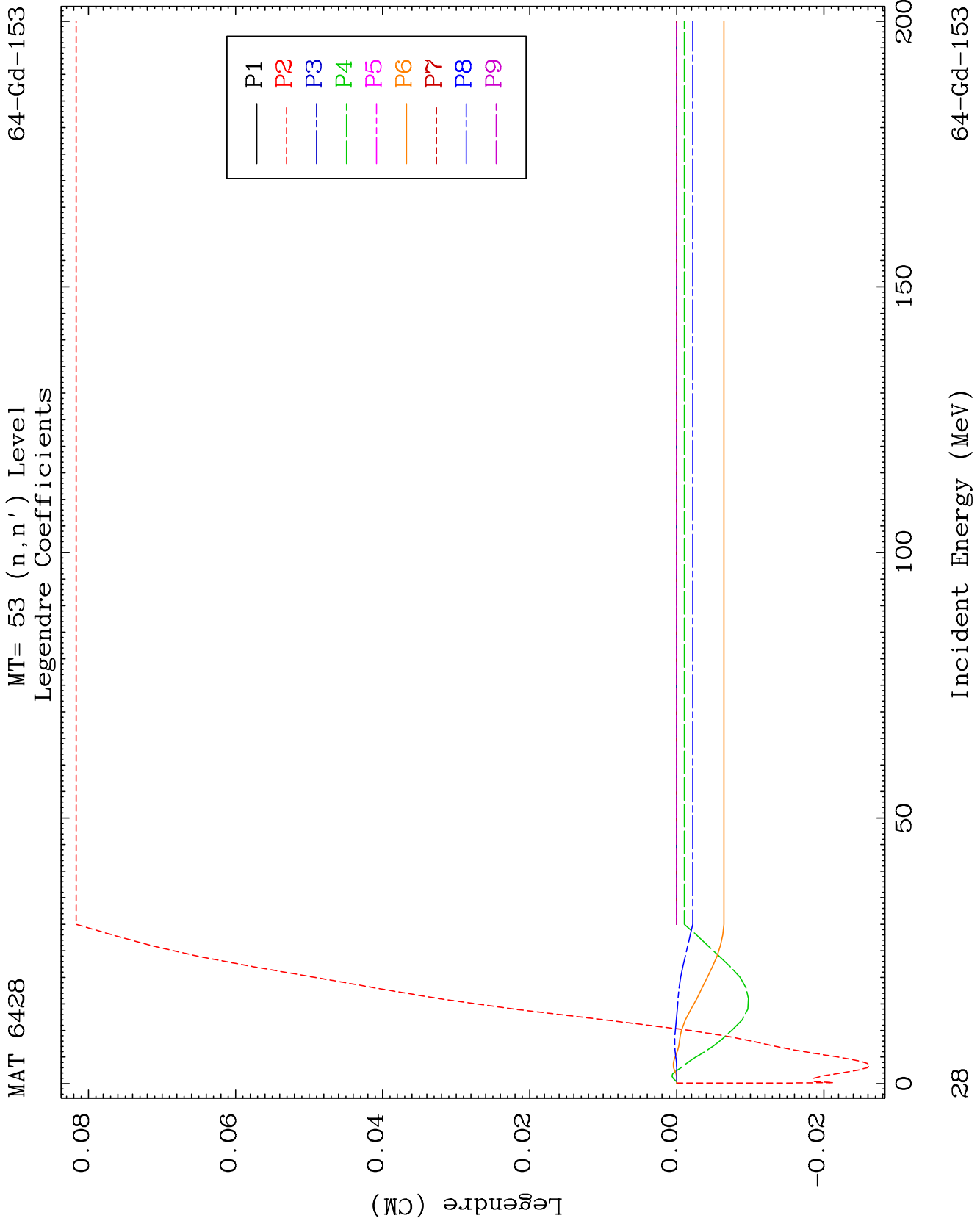


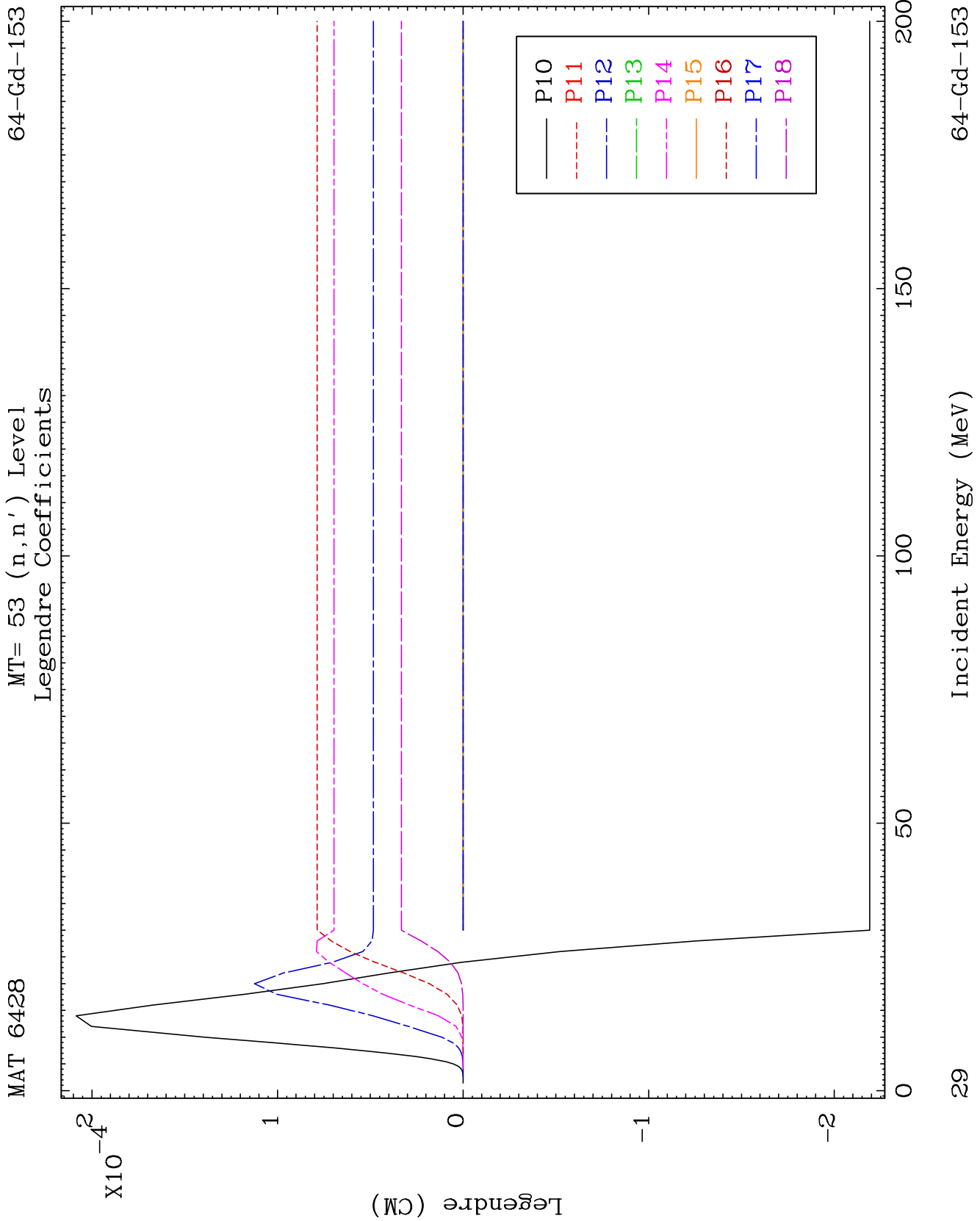








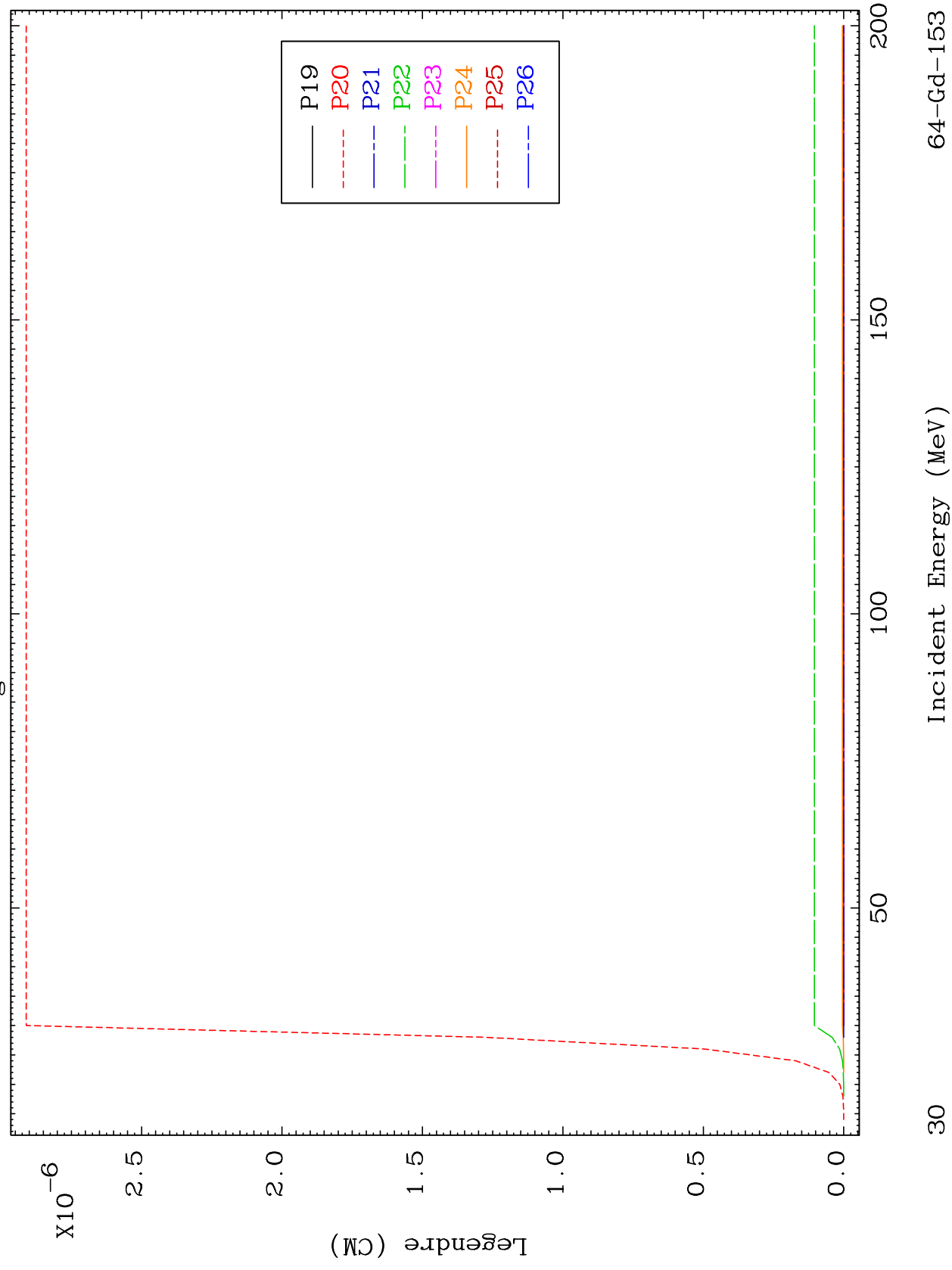




MAT 6428

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

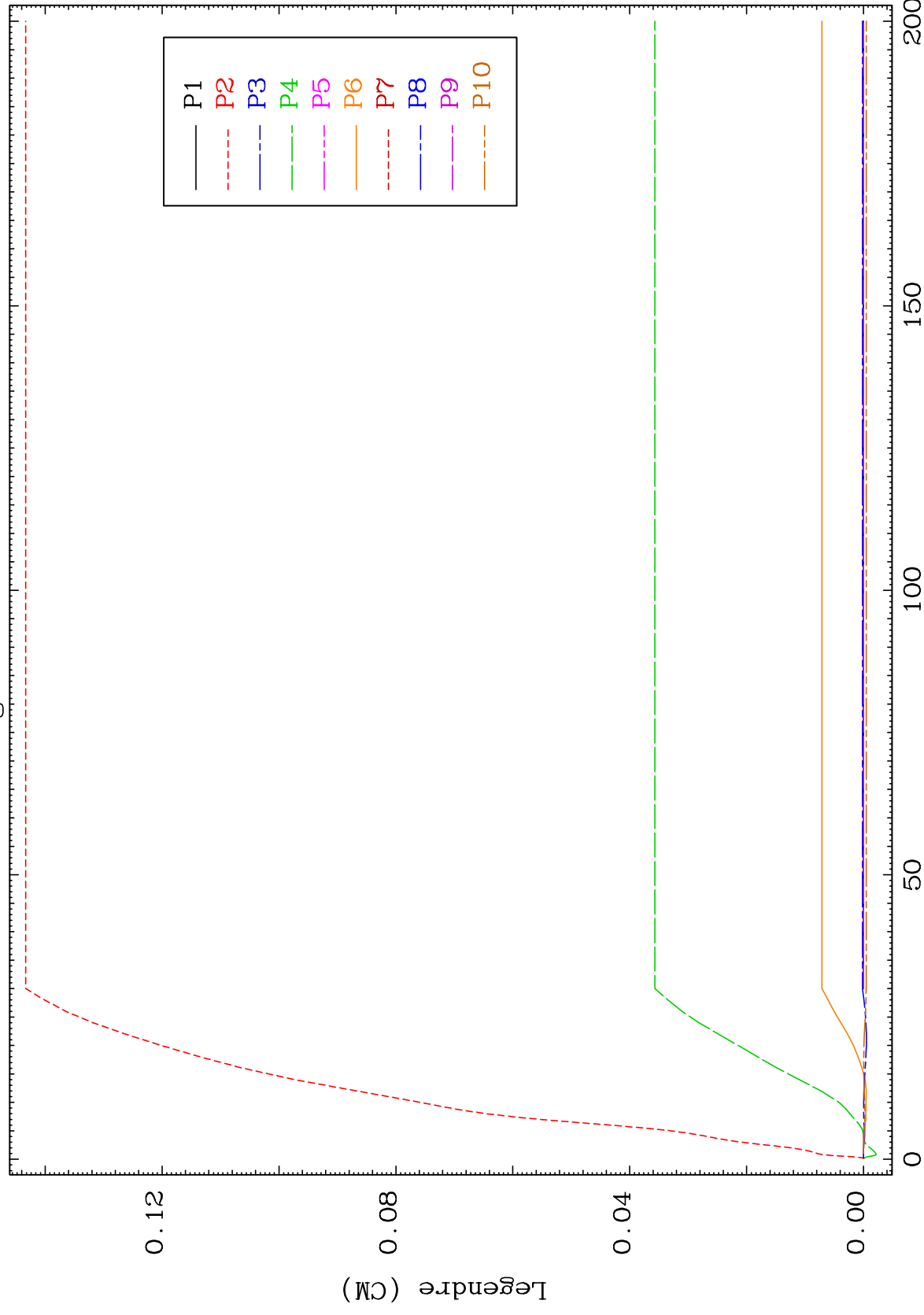
64-Gd-153



MAT 6428

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

64-Gd-153



31

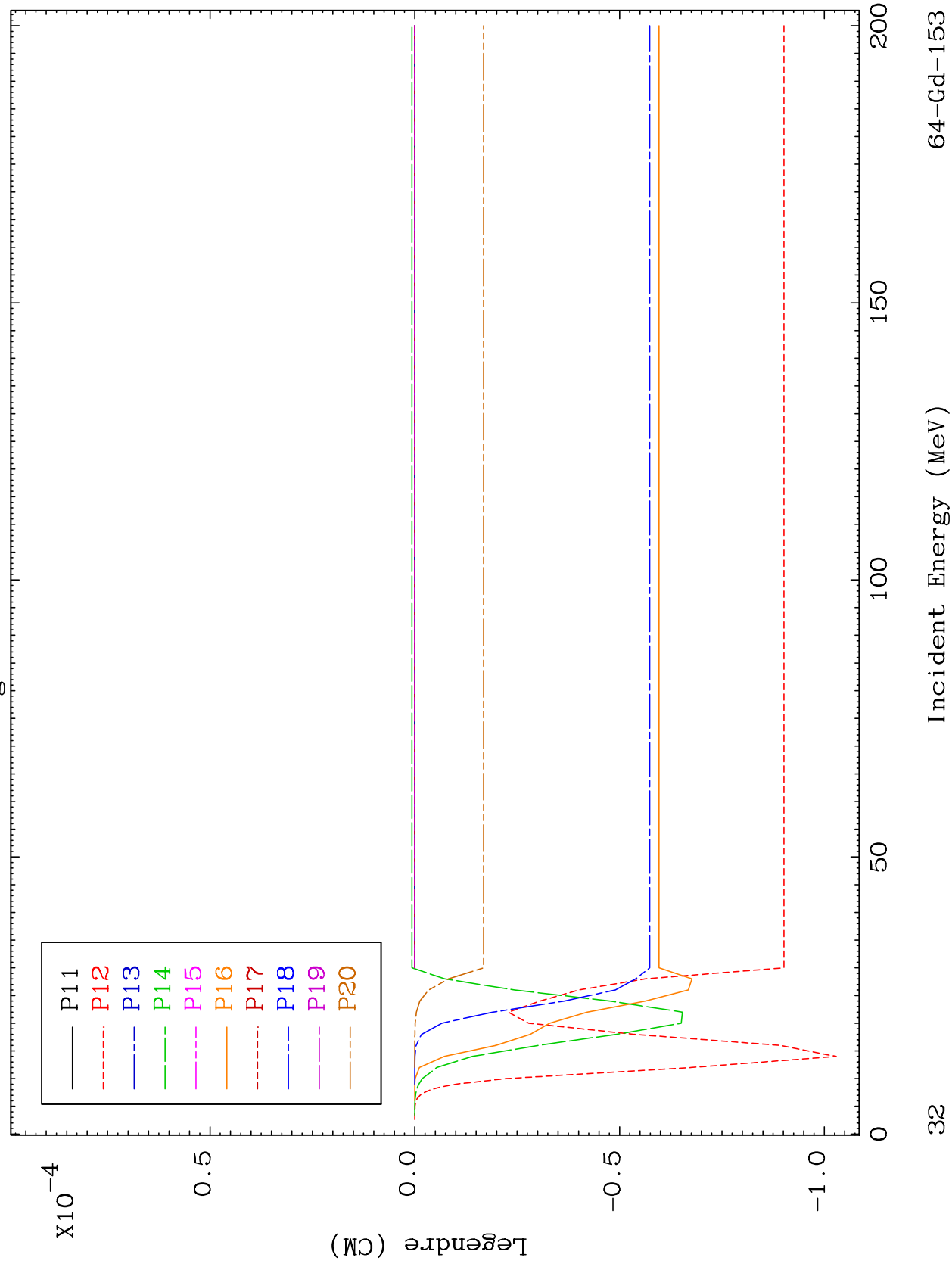
Incident Energy (MeV)

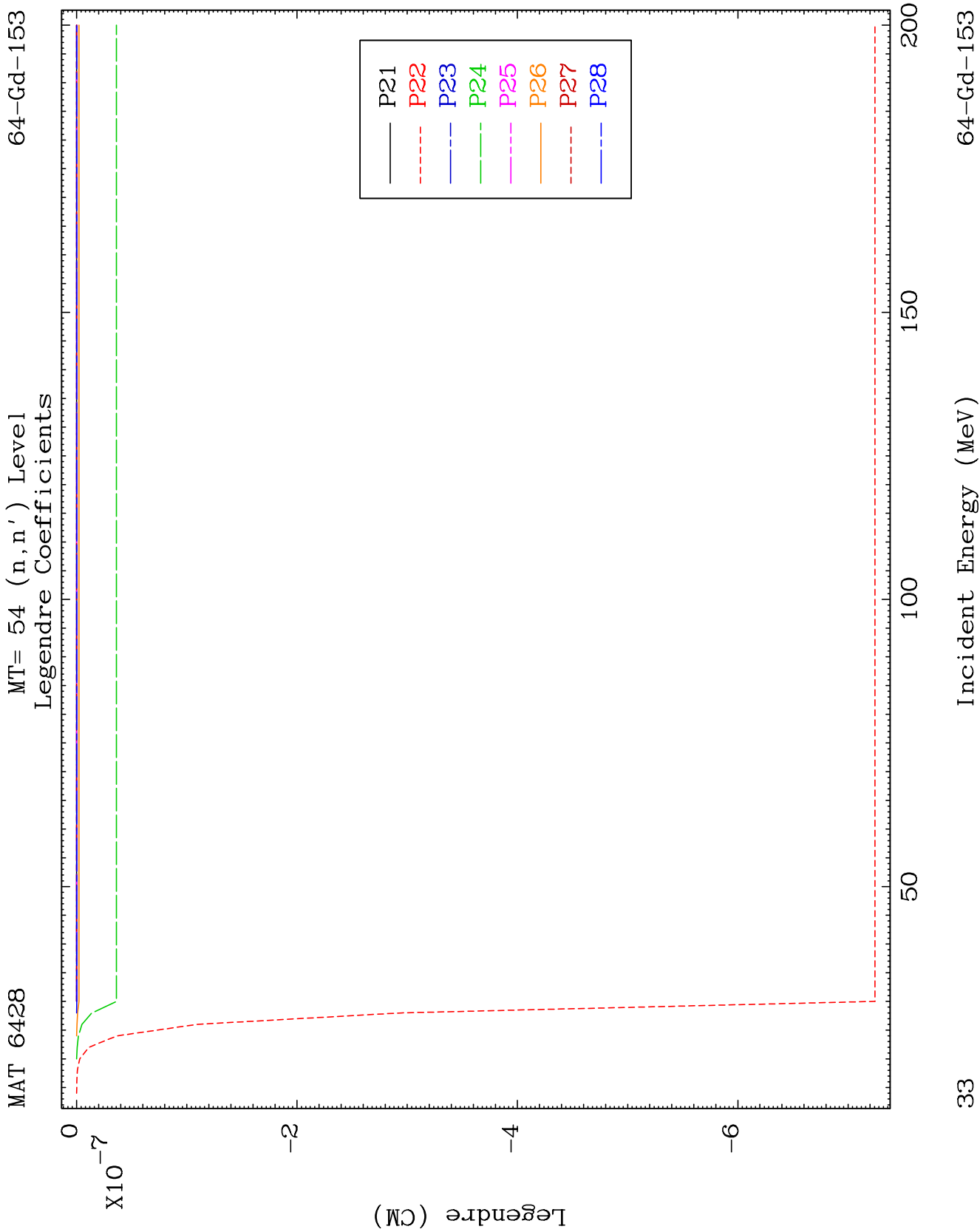
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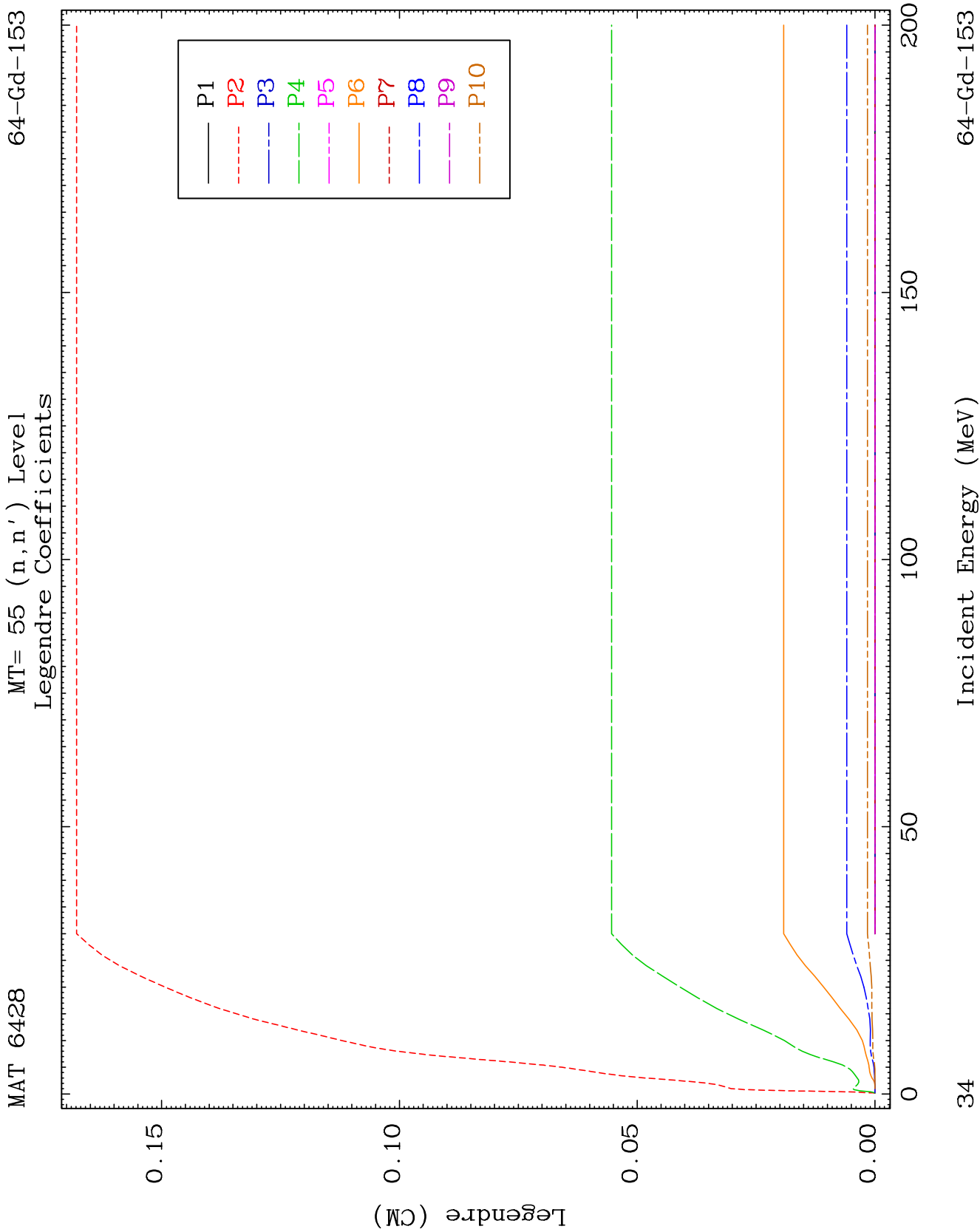
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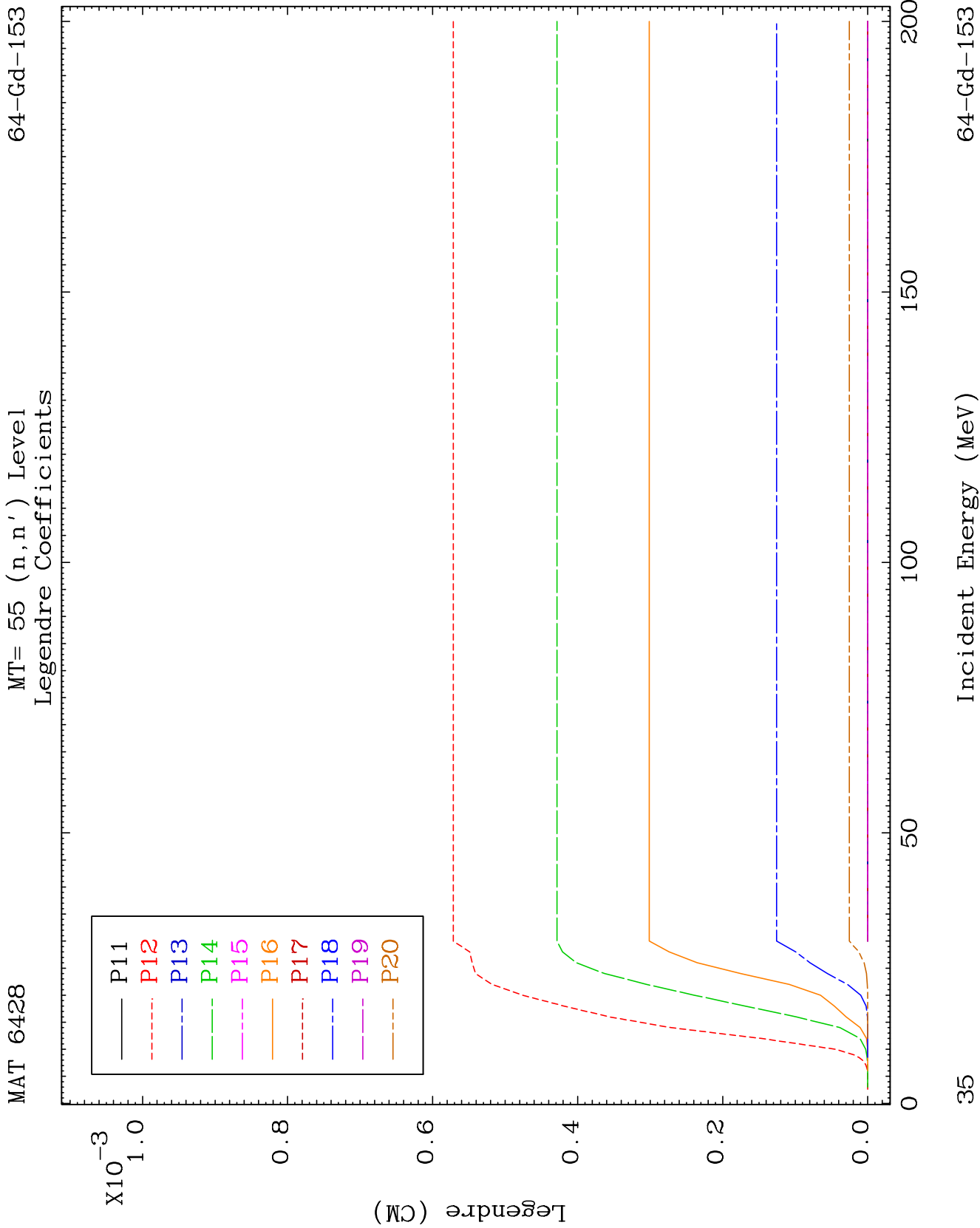
MT= 54 (n, n') Level
Legendre Coefficients

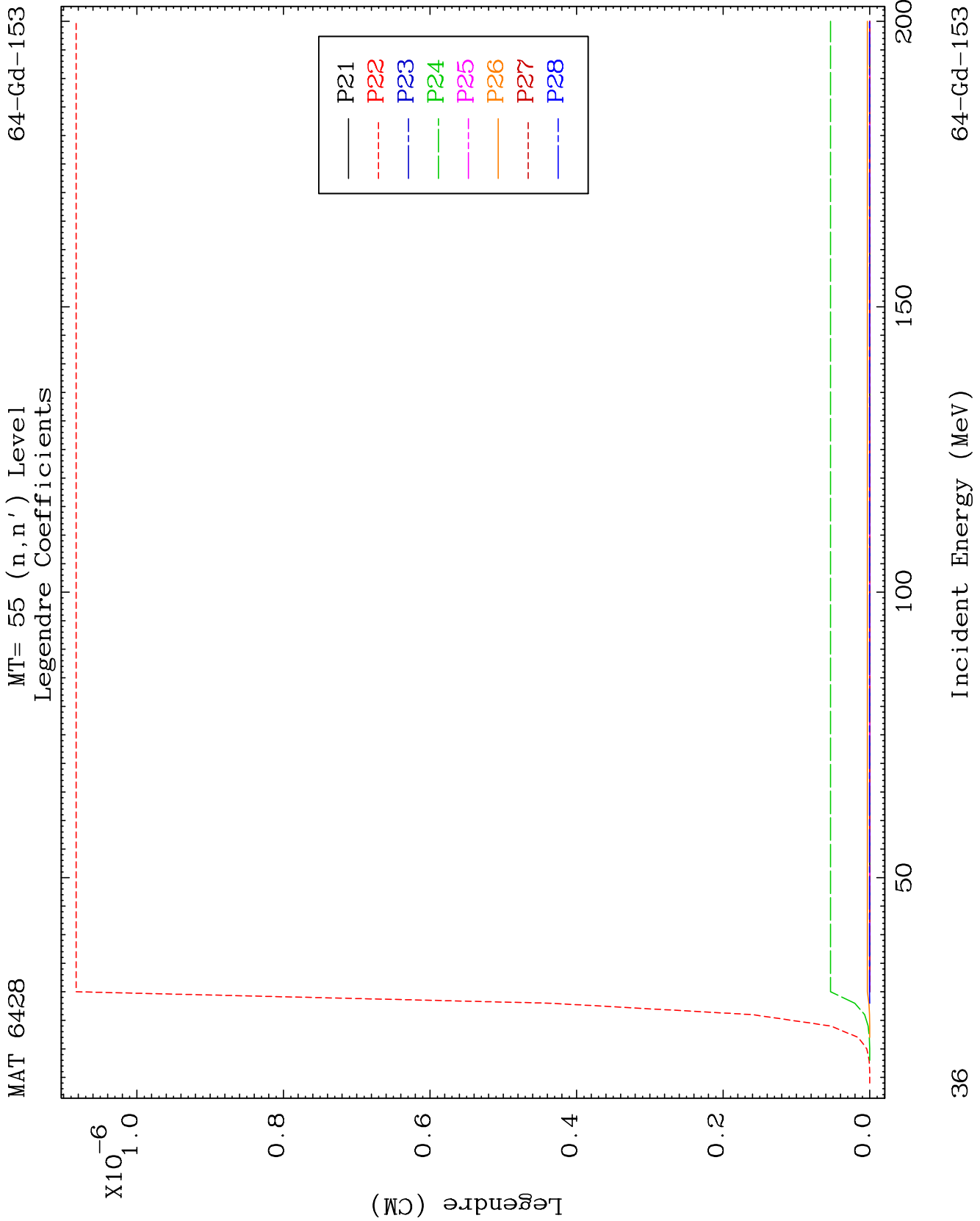
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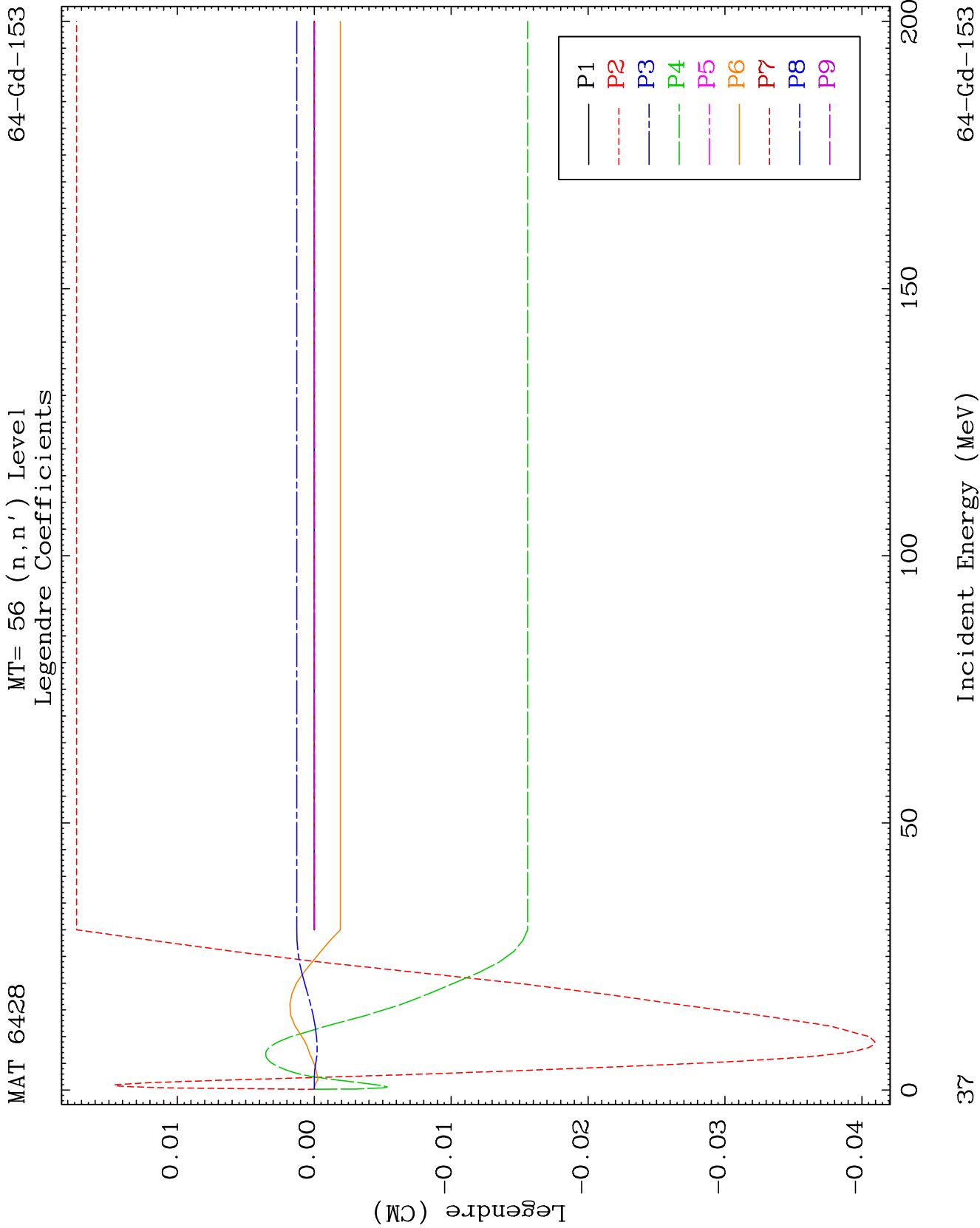


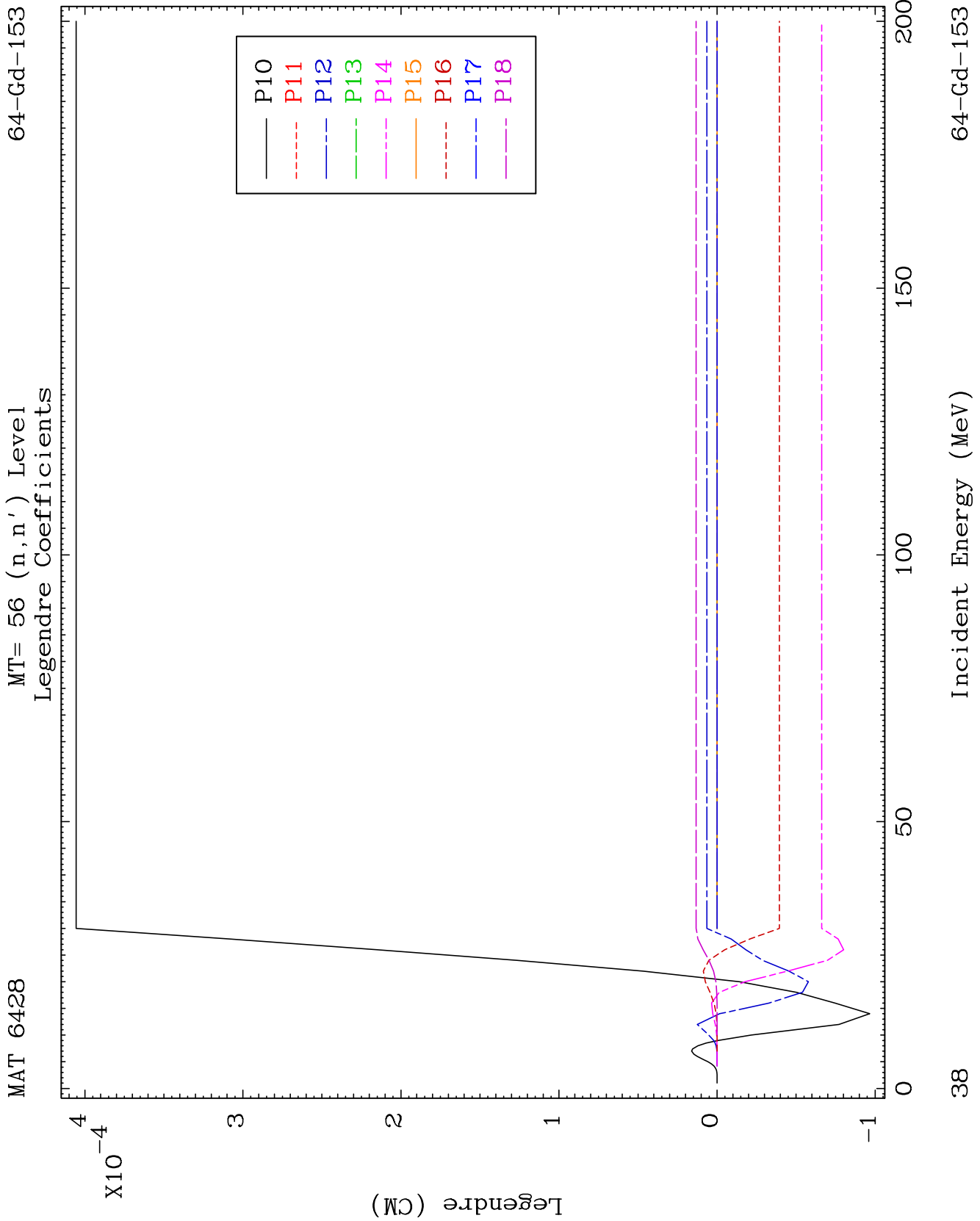


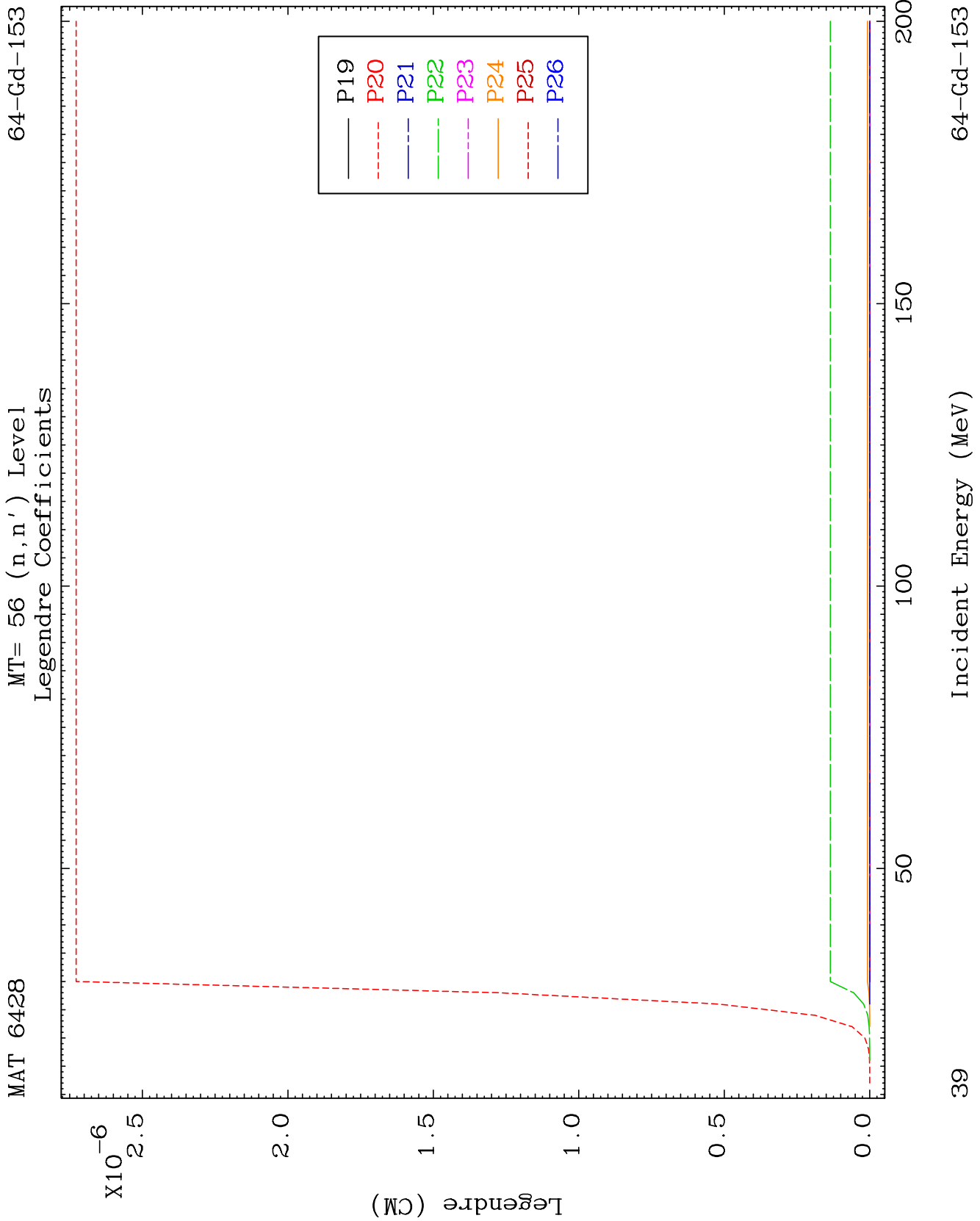








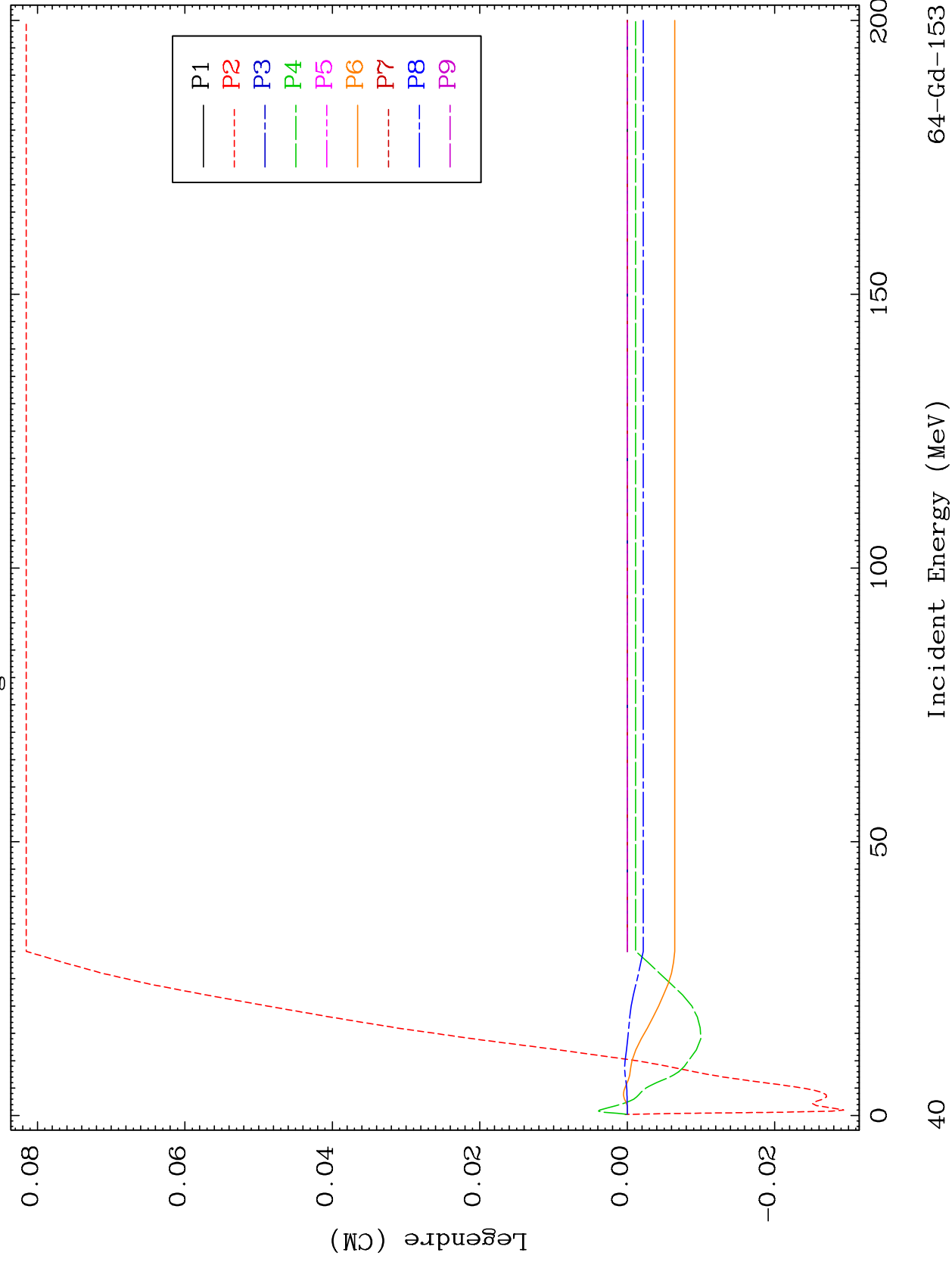


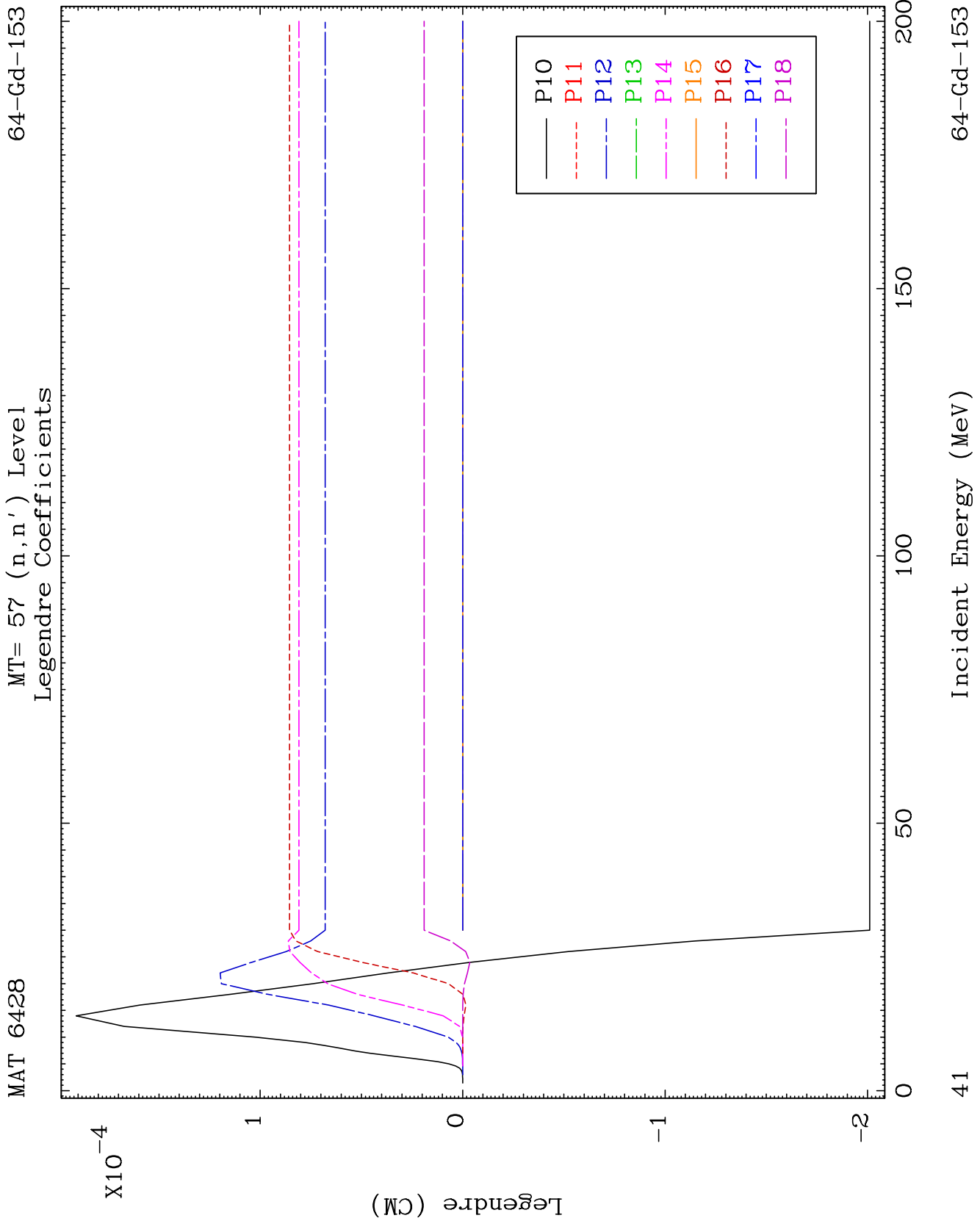


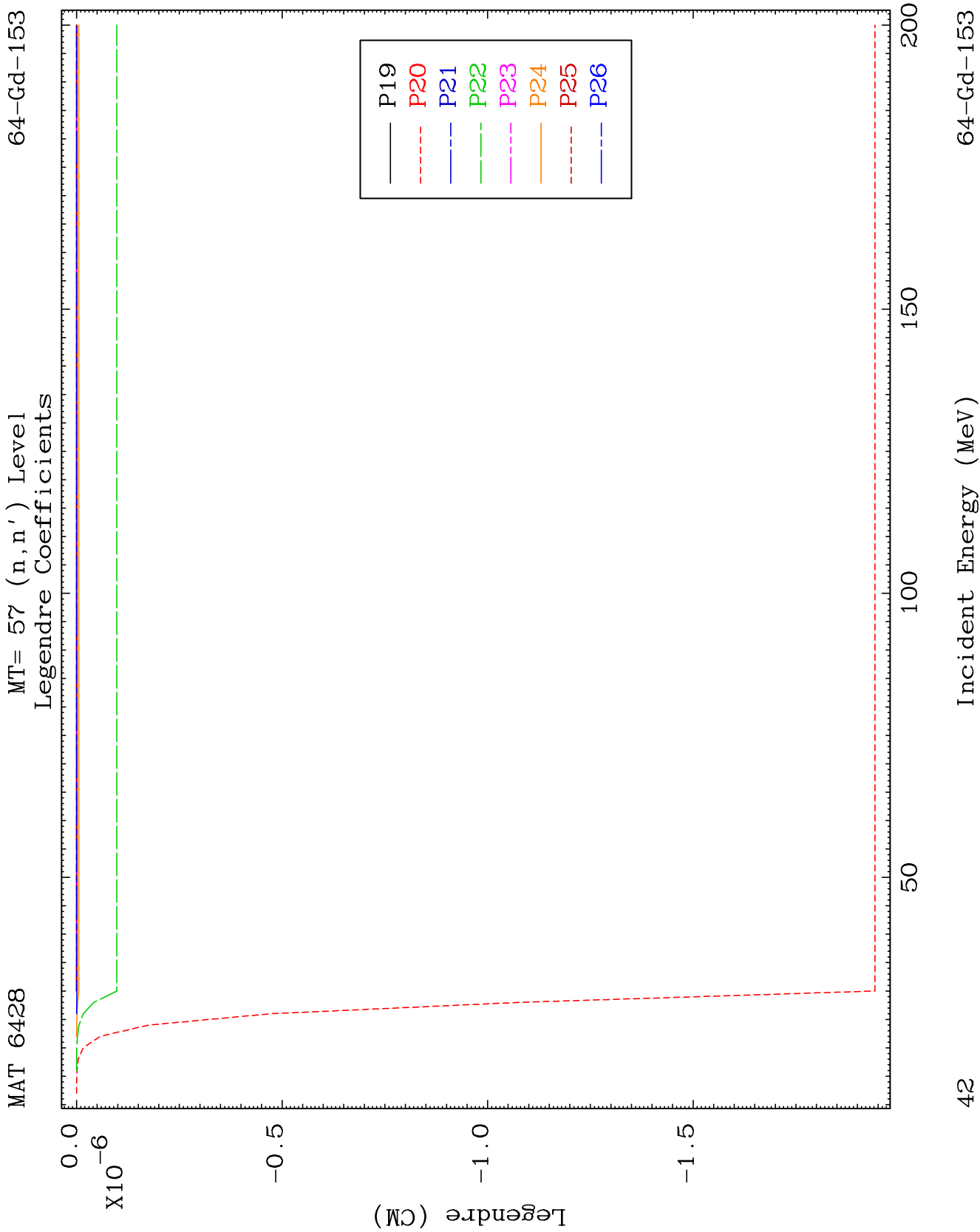
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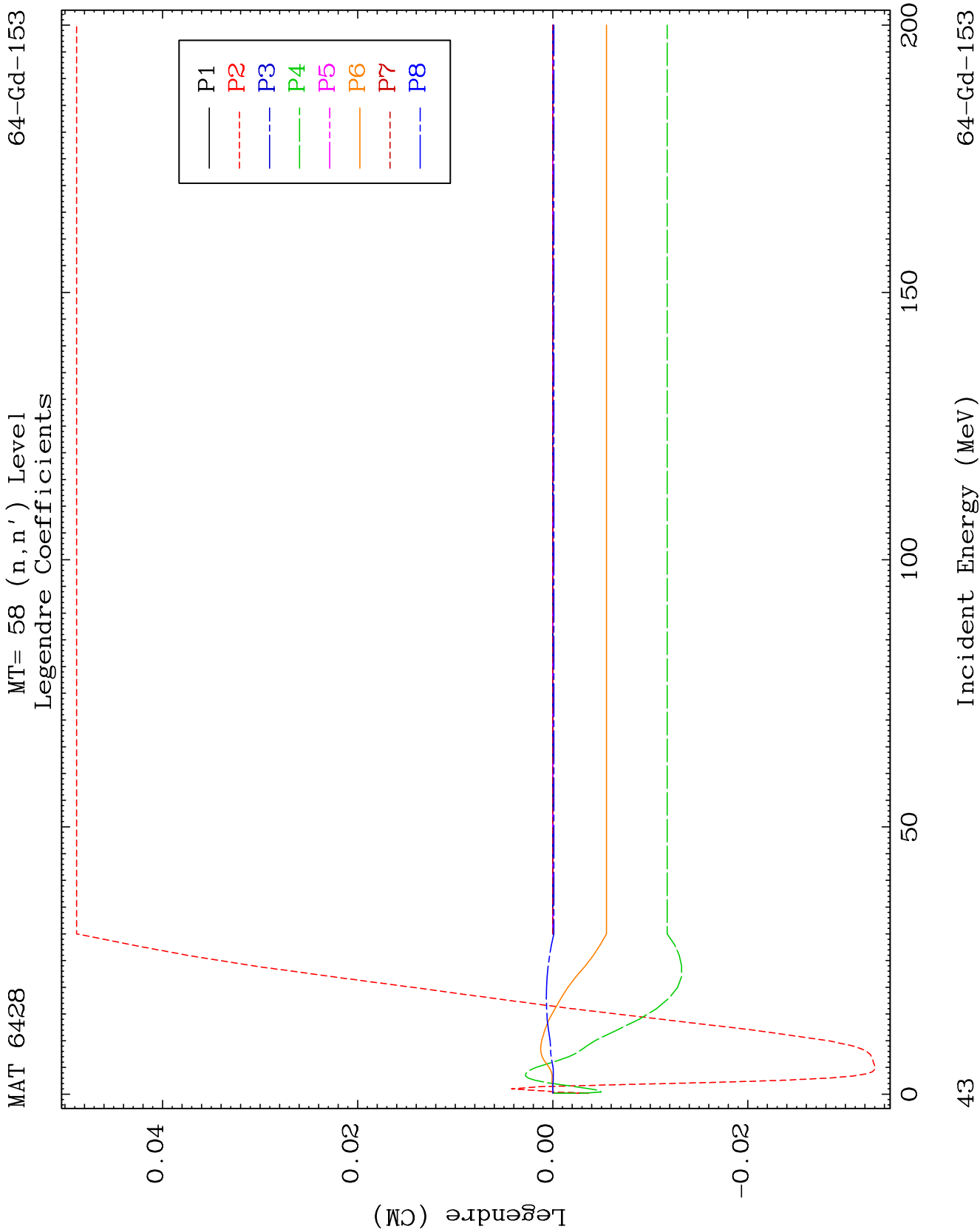
MT= 57 (n, n') Level
Legendre Coefficients

64-Gd-153





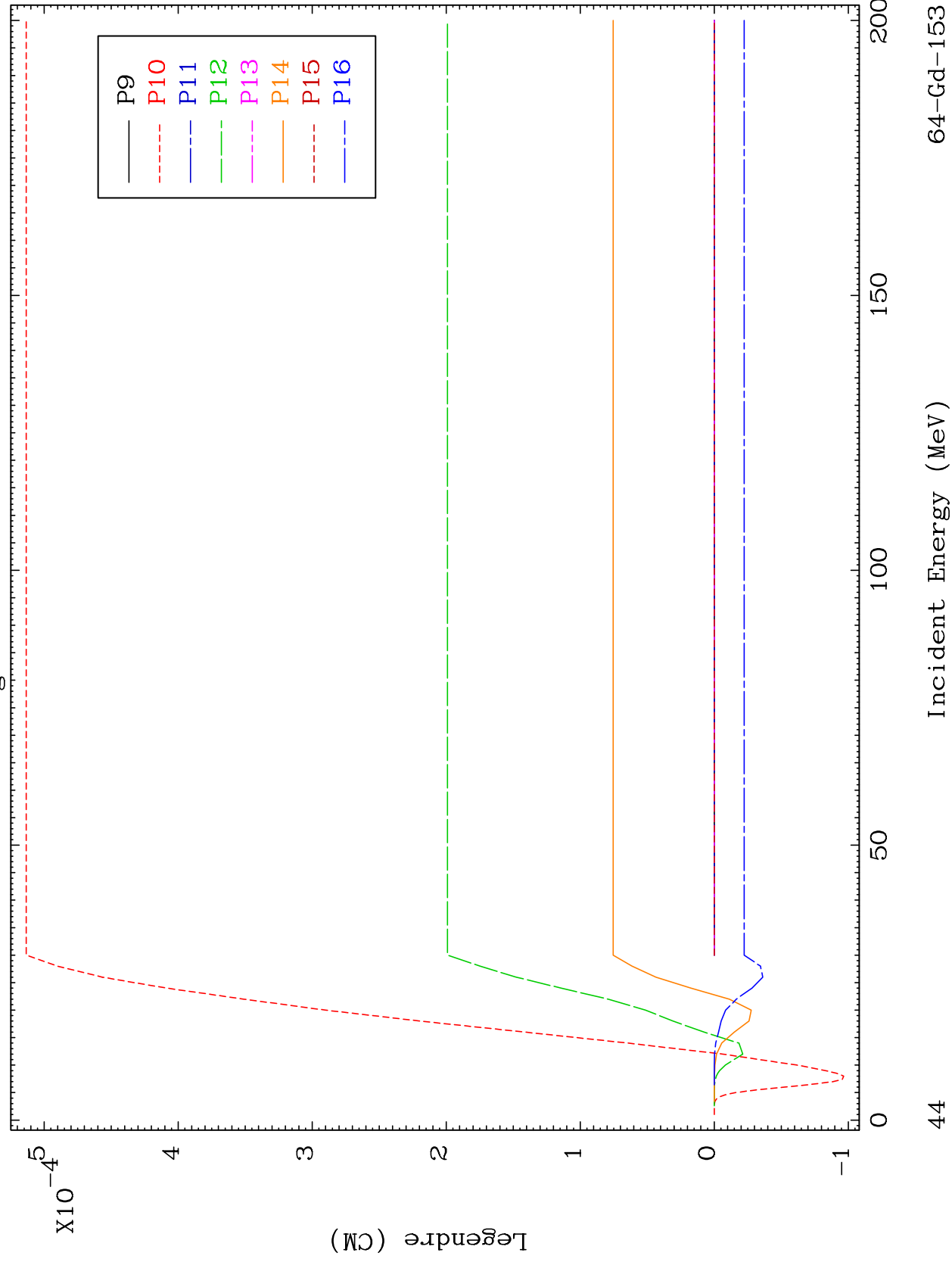


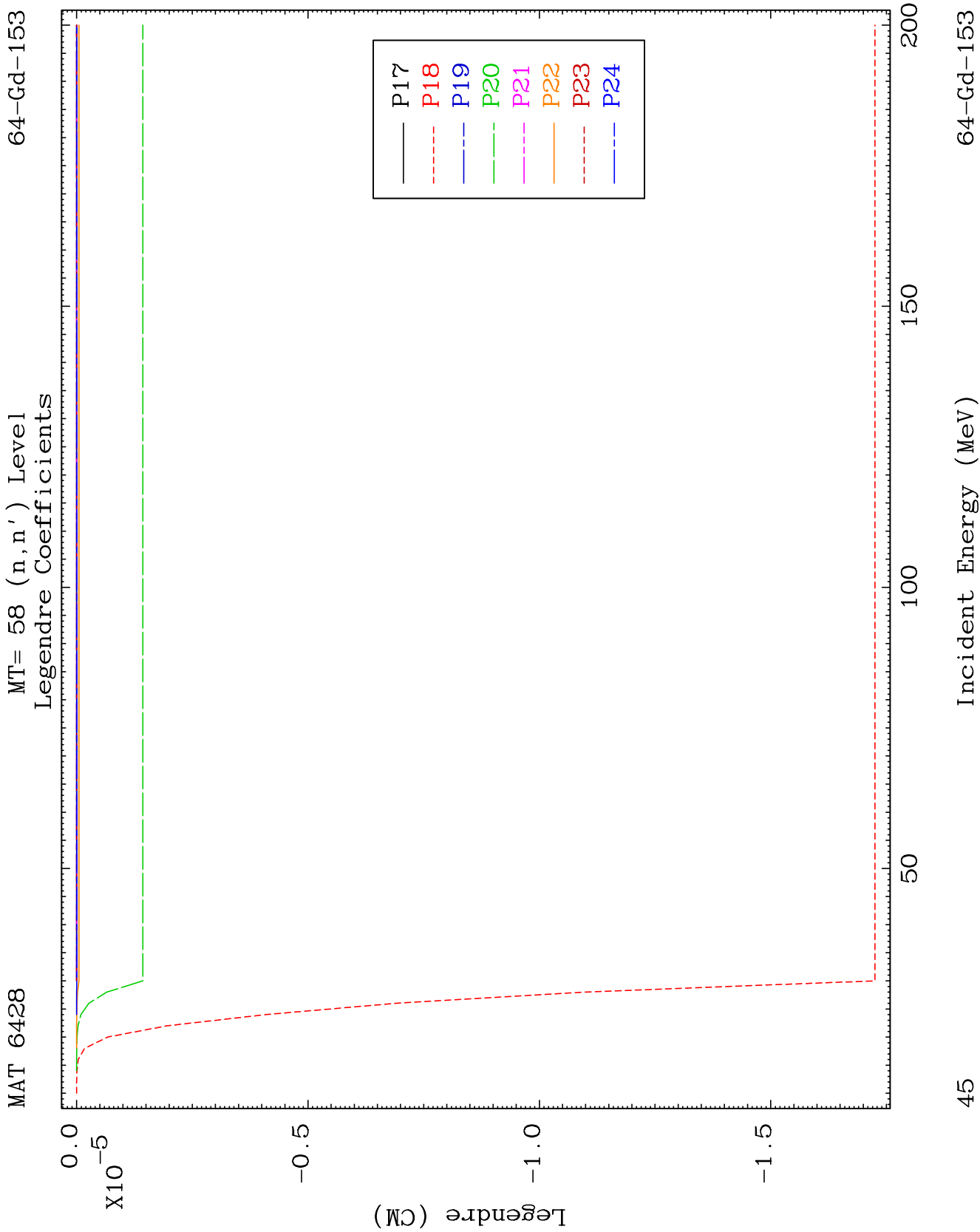


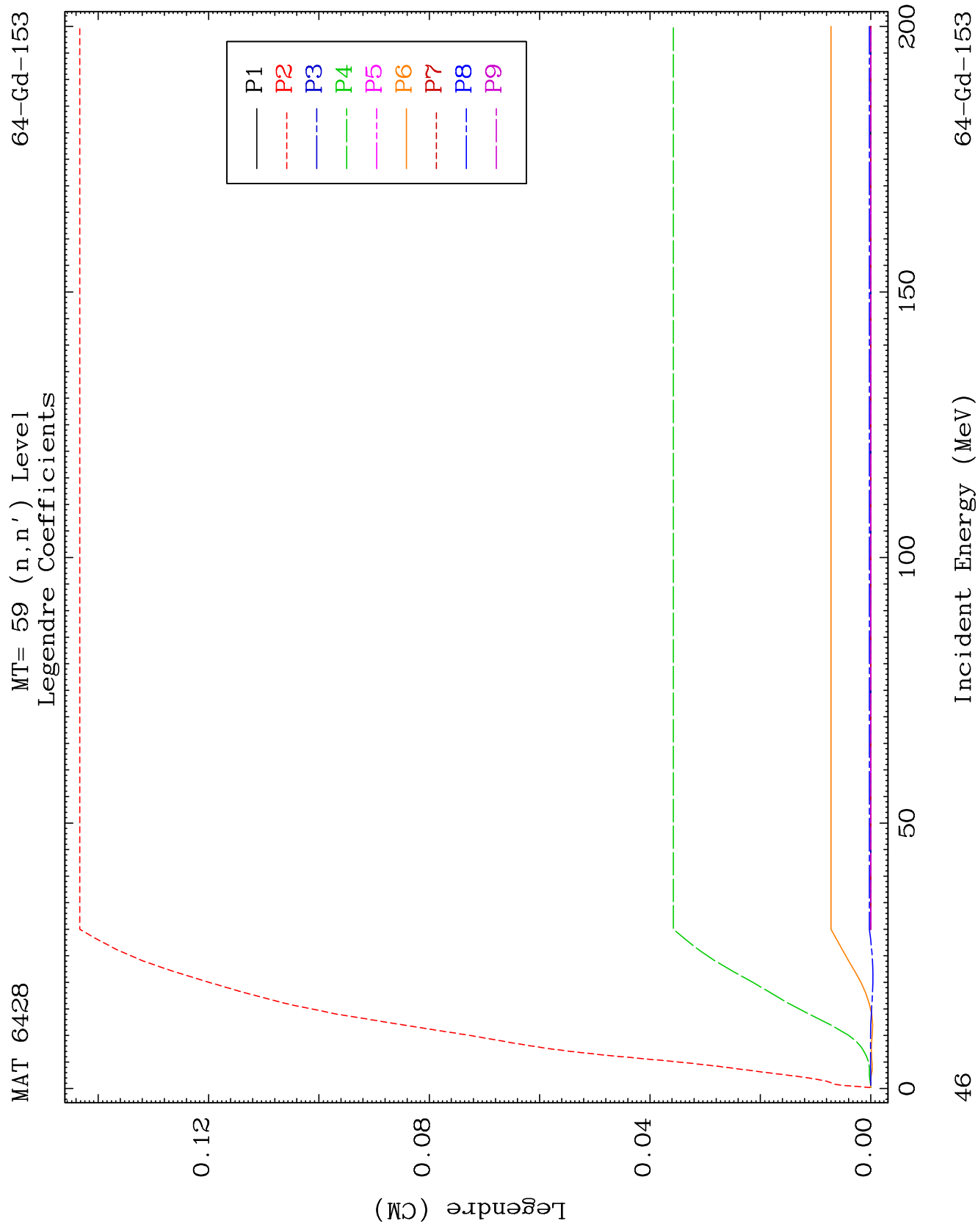
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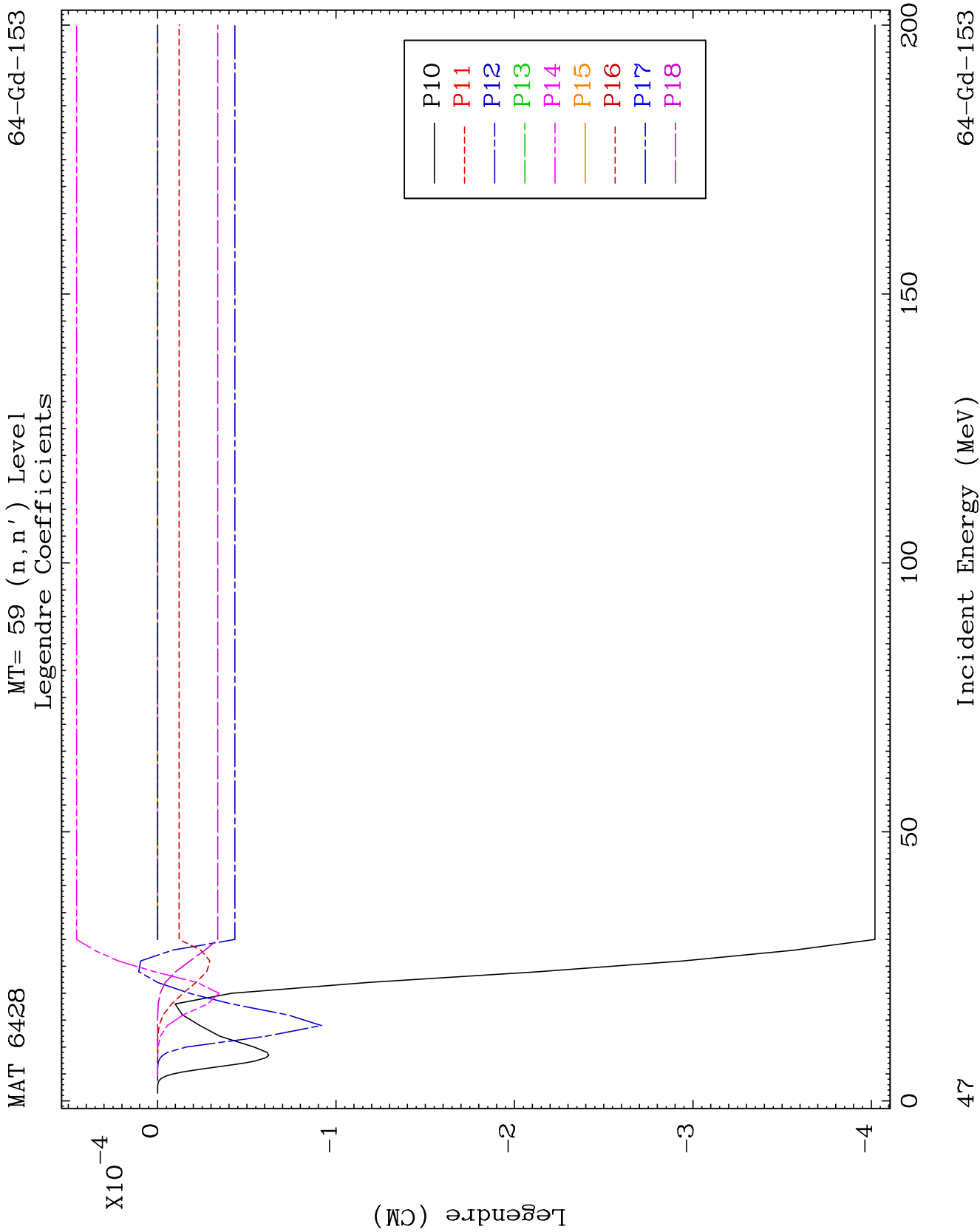
MT= 58 (n, n') Level
Legendre Coefficients

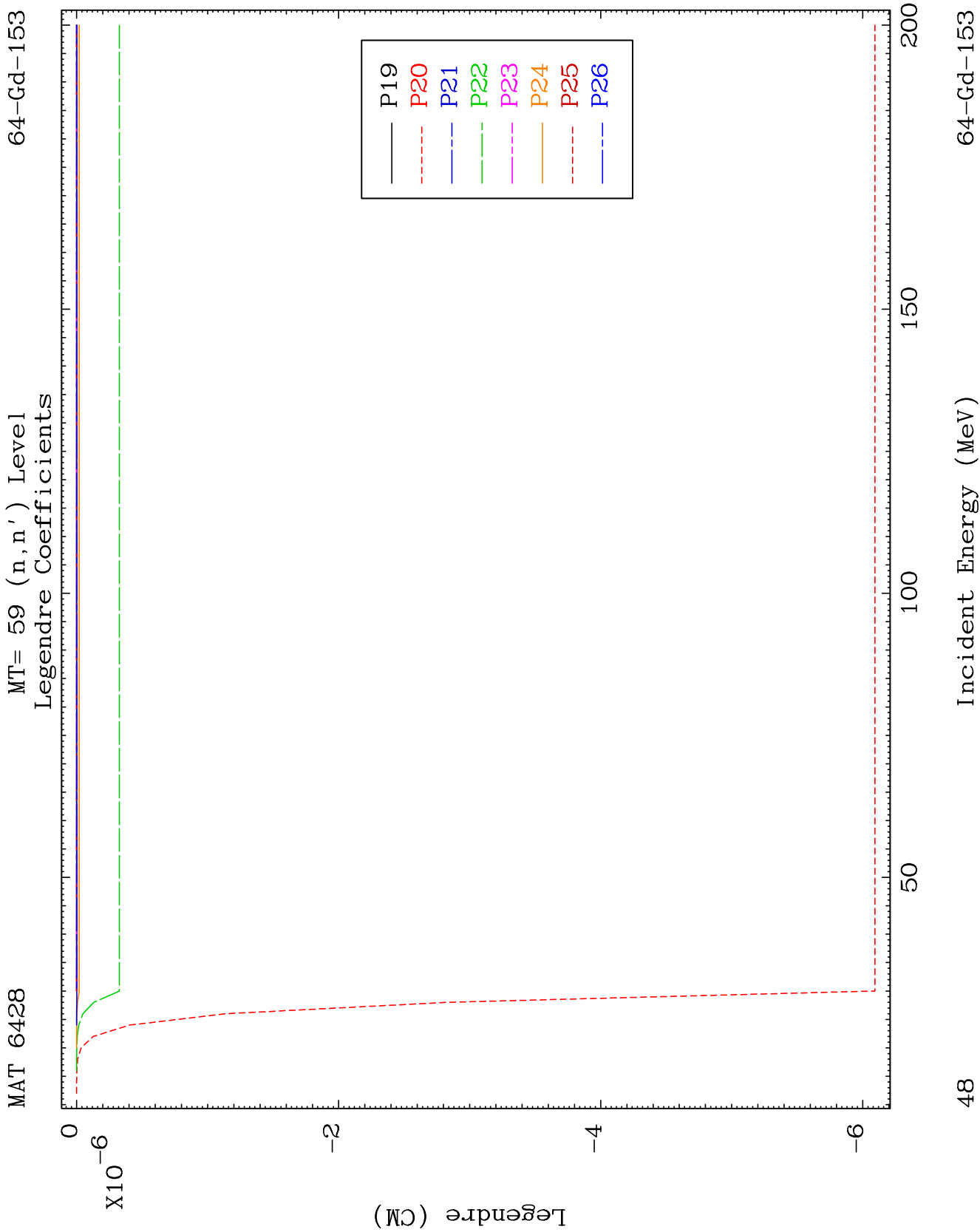
64-Gd-153







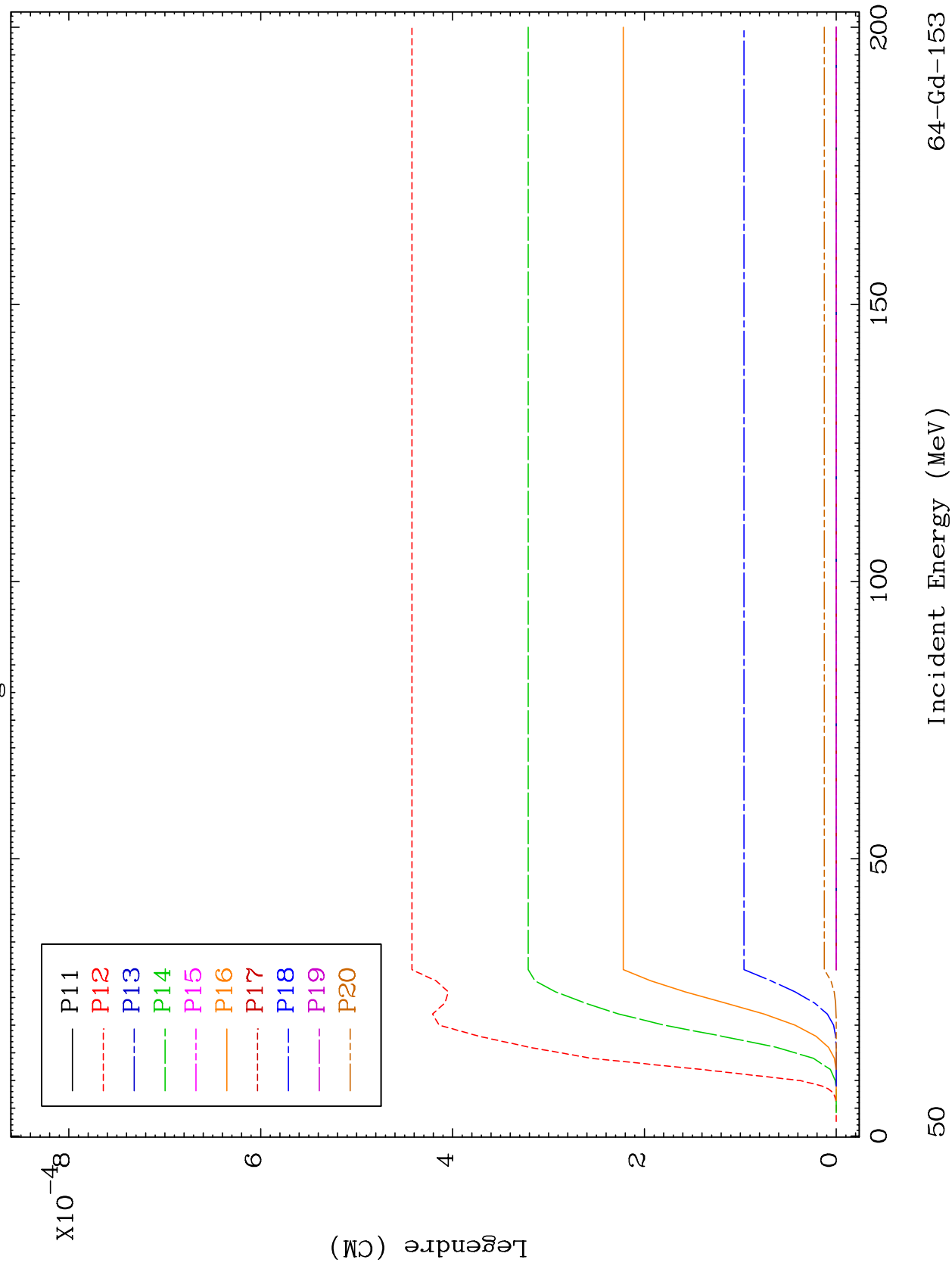


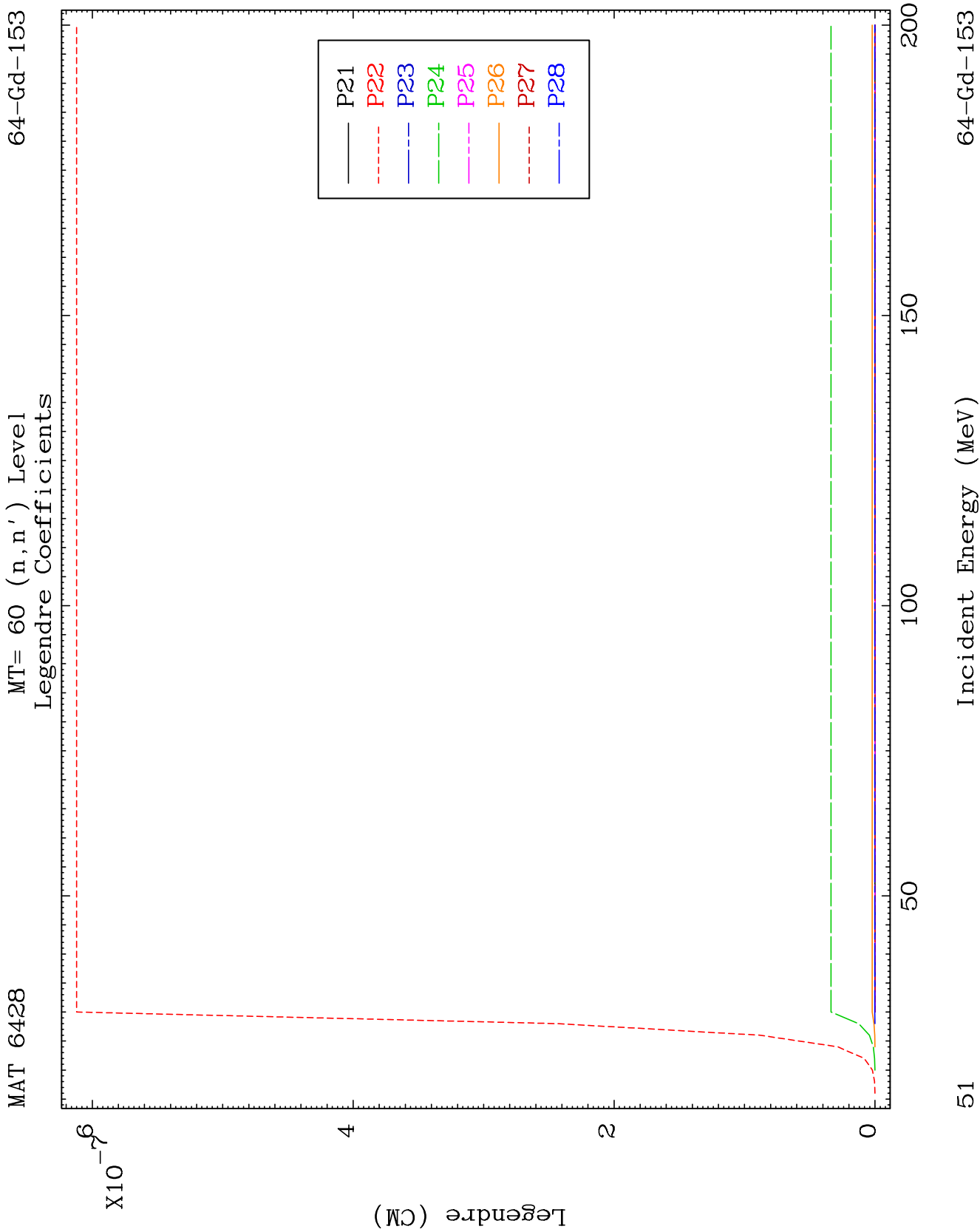


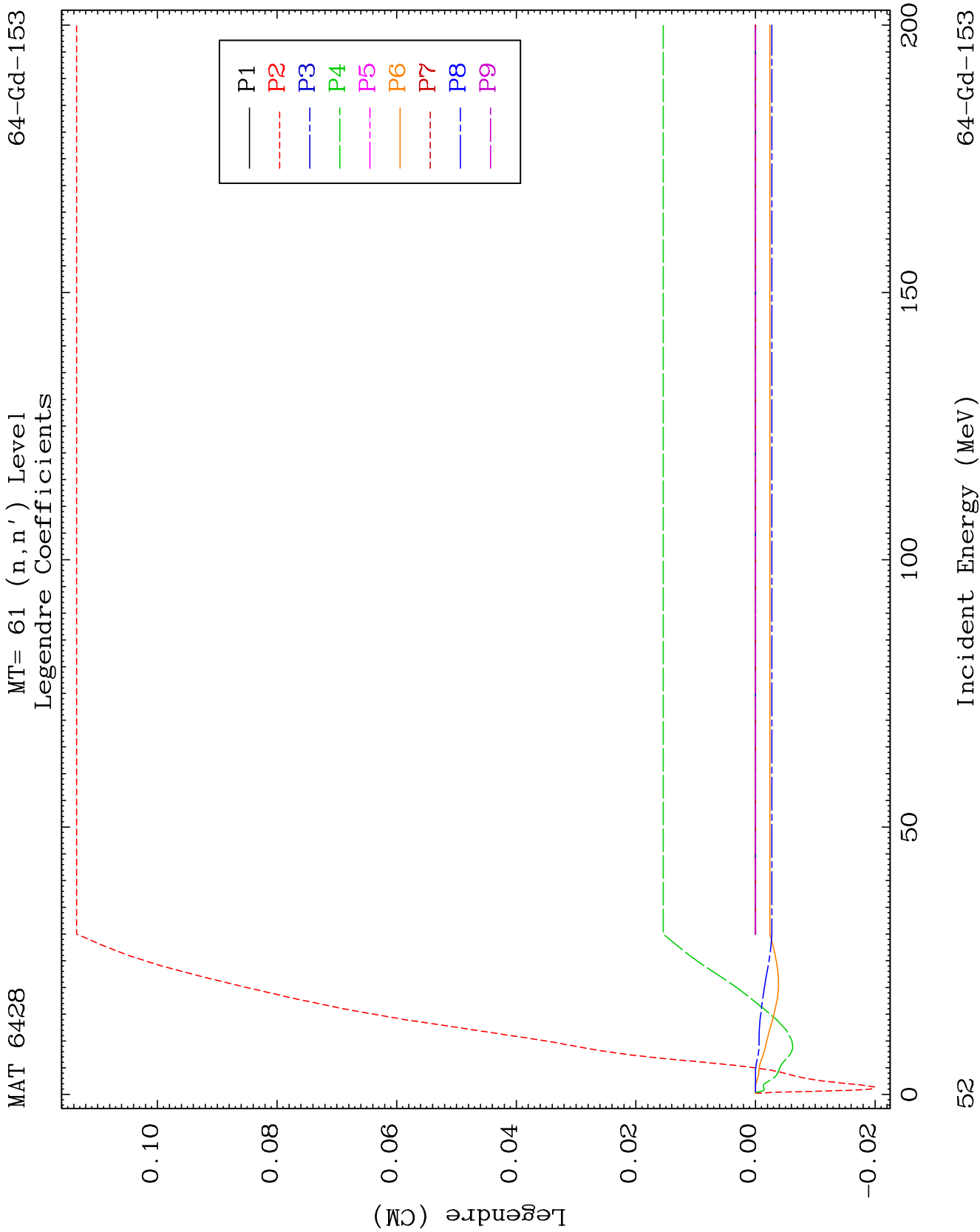
MAT 6428

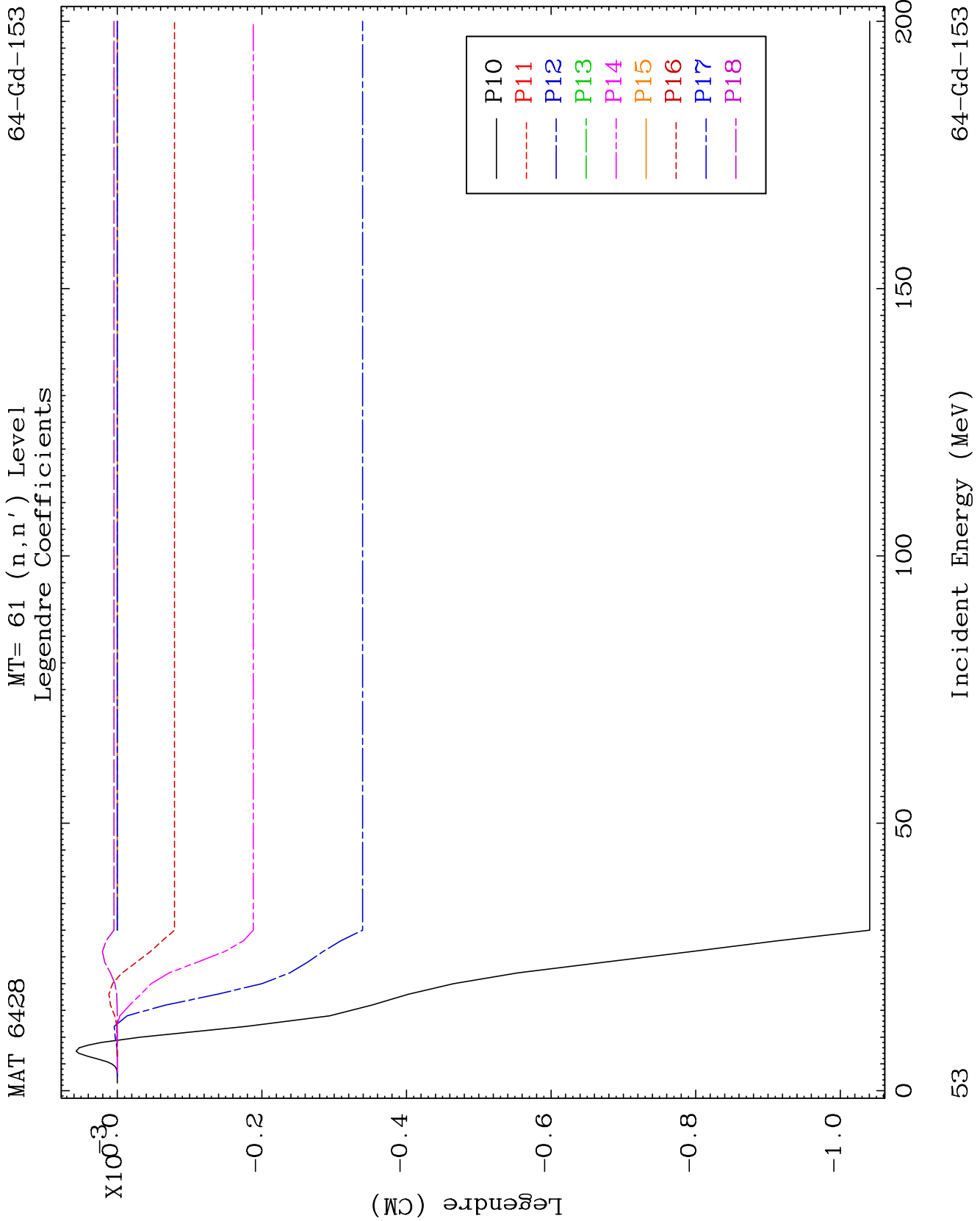
MT= 60 (n, n') Level
Legendre Coefficients

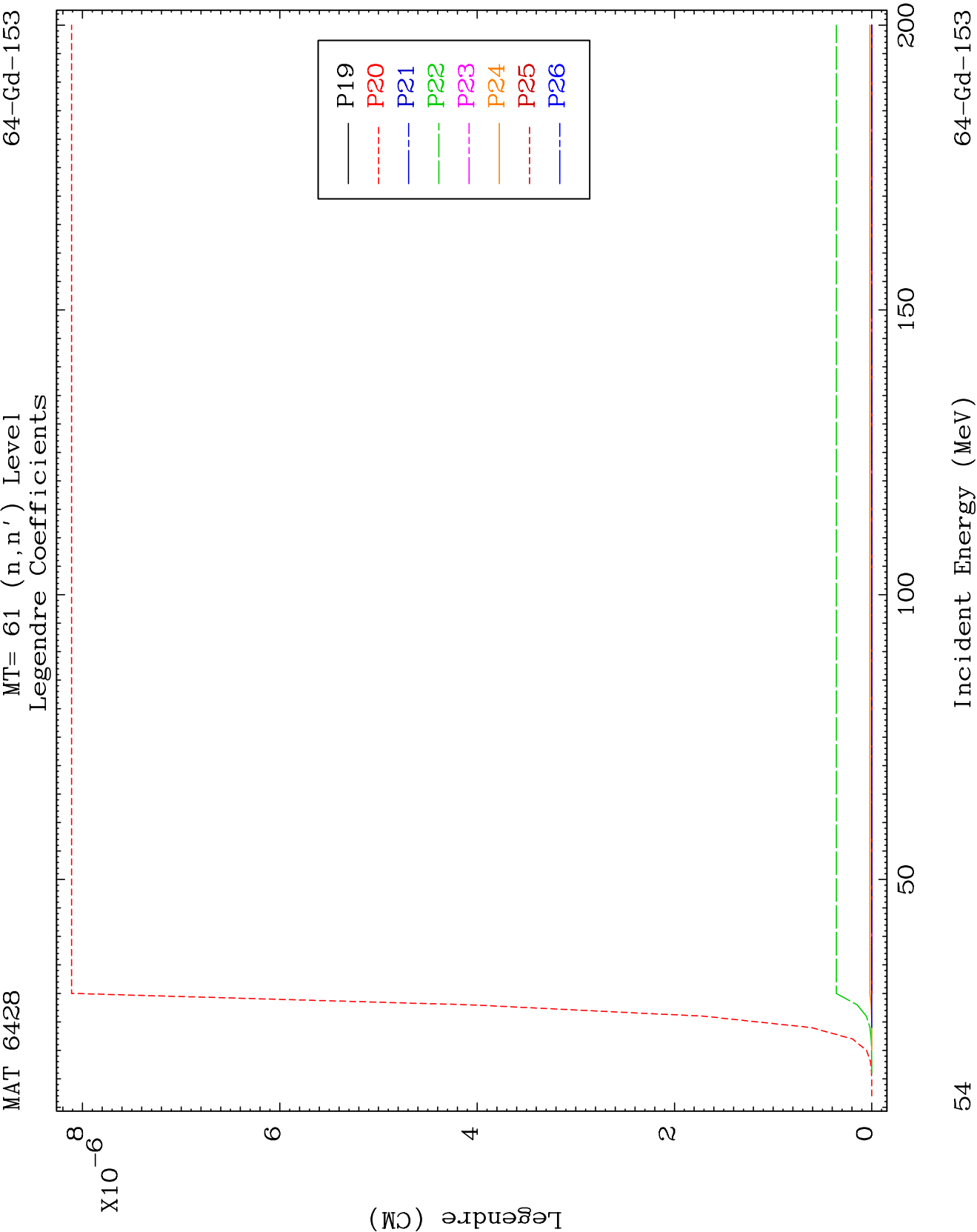
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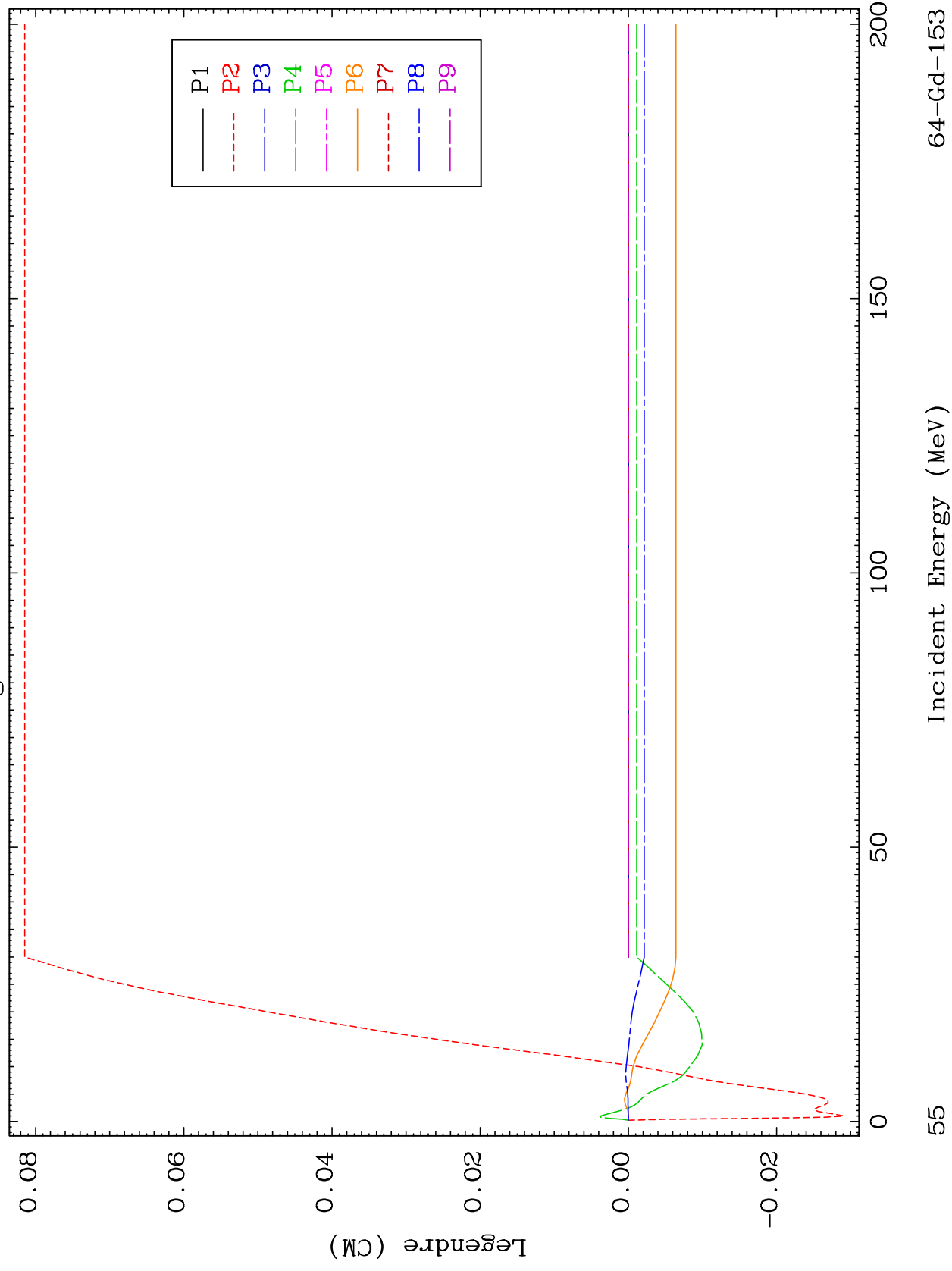


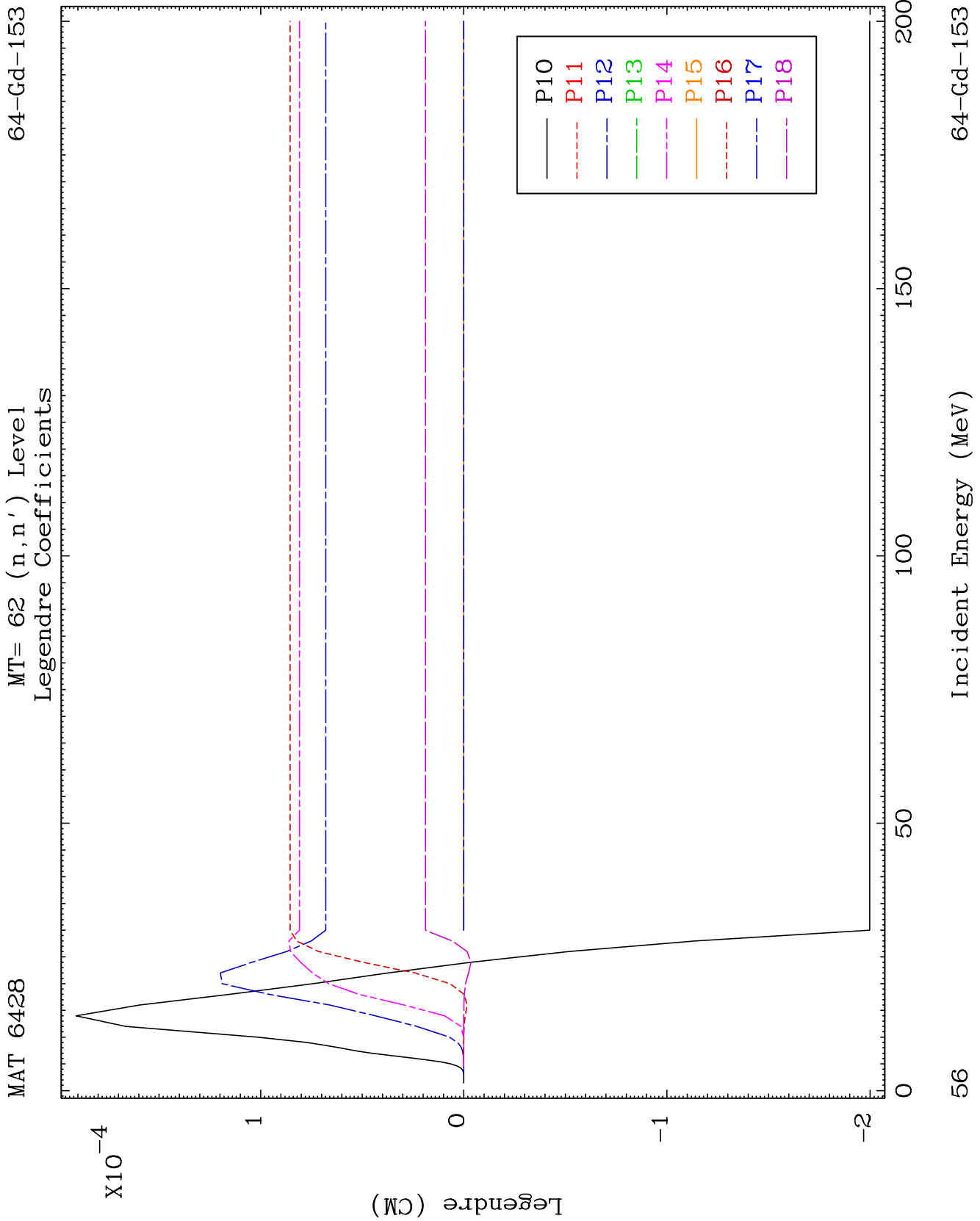


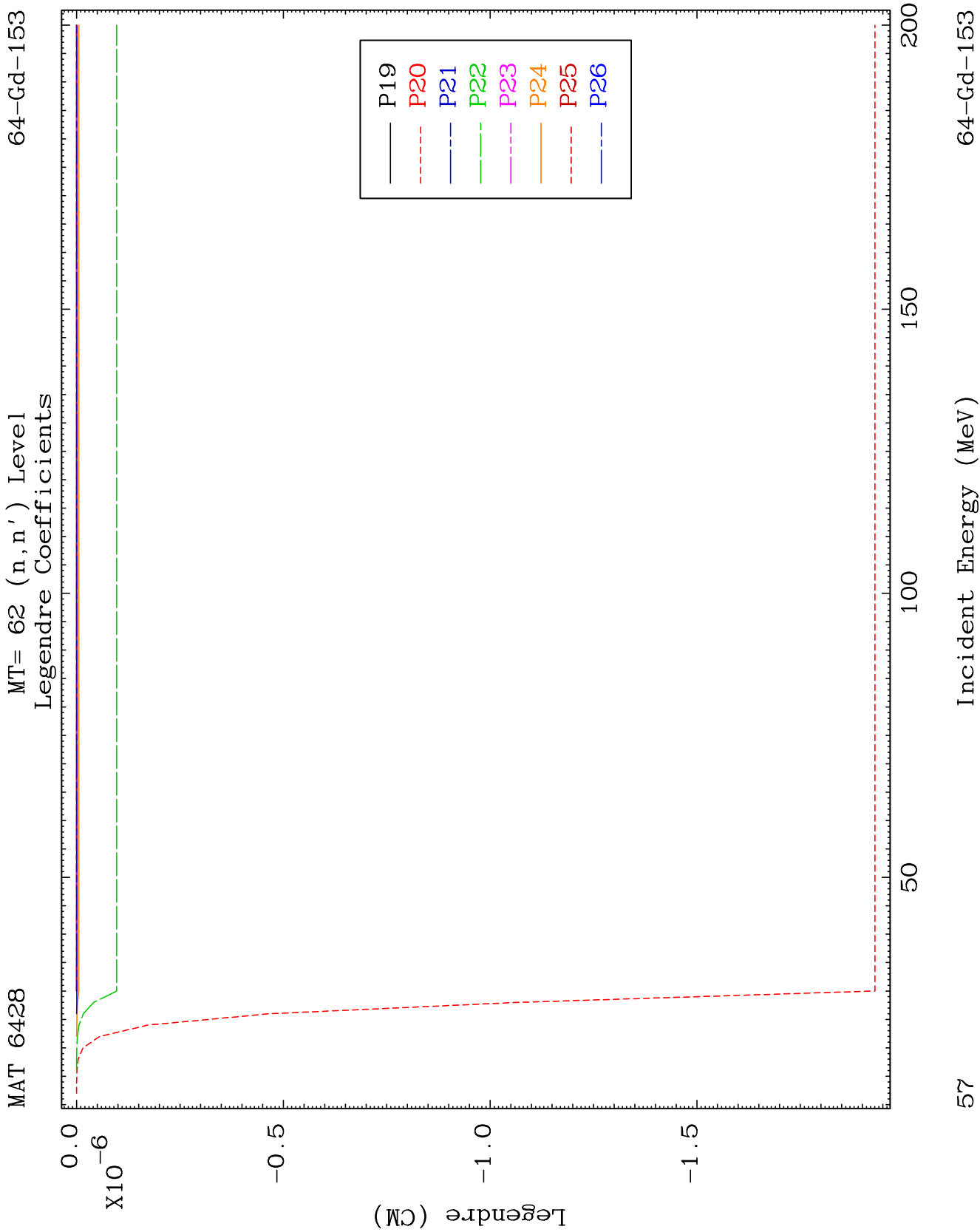
MAT 6428

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

64-Gd-153



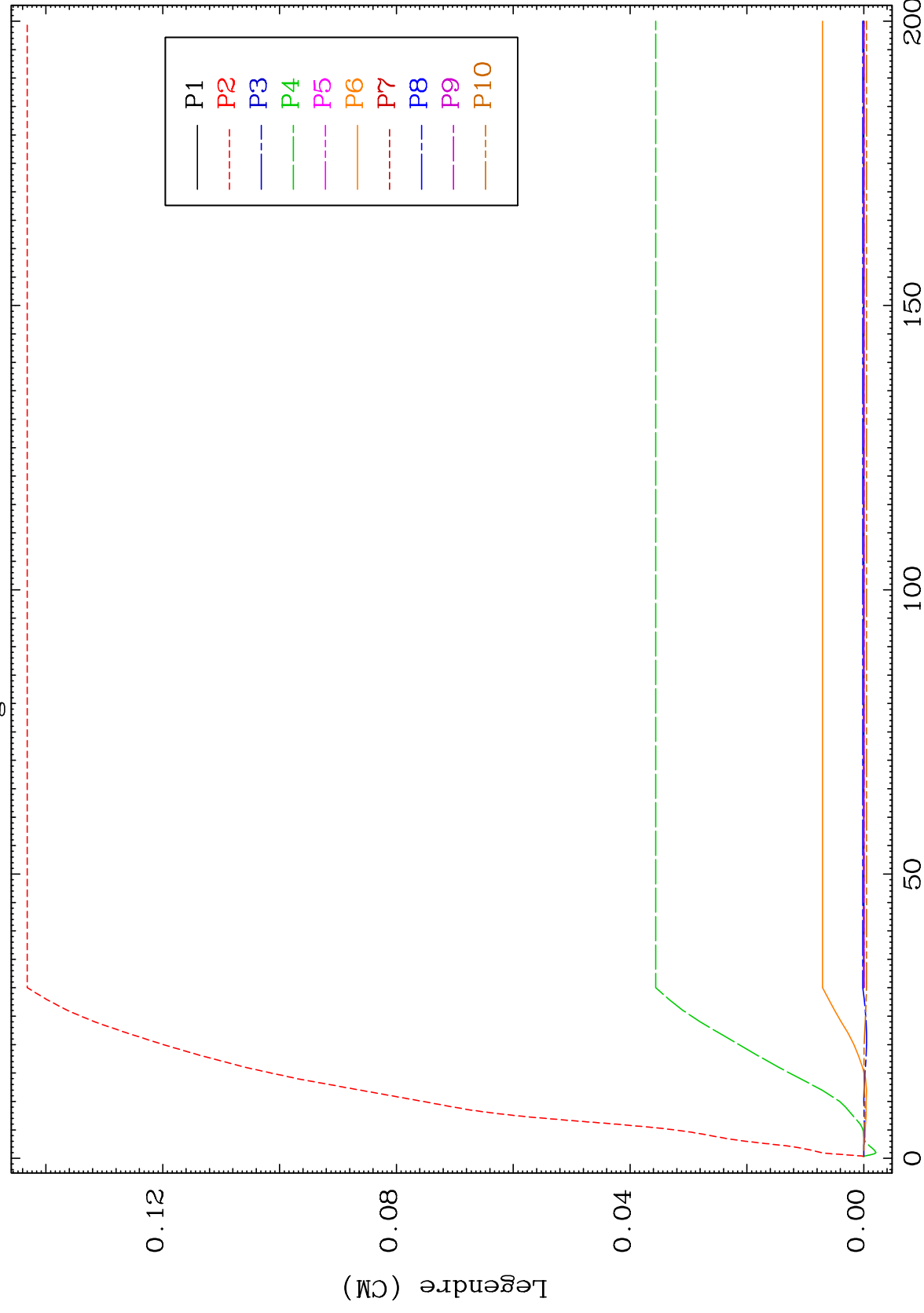




MAT 6428

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

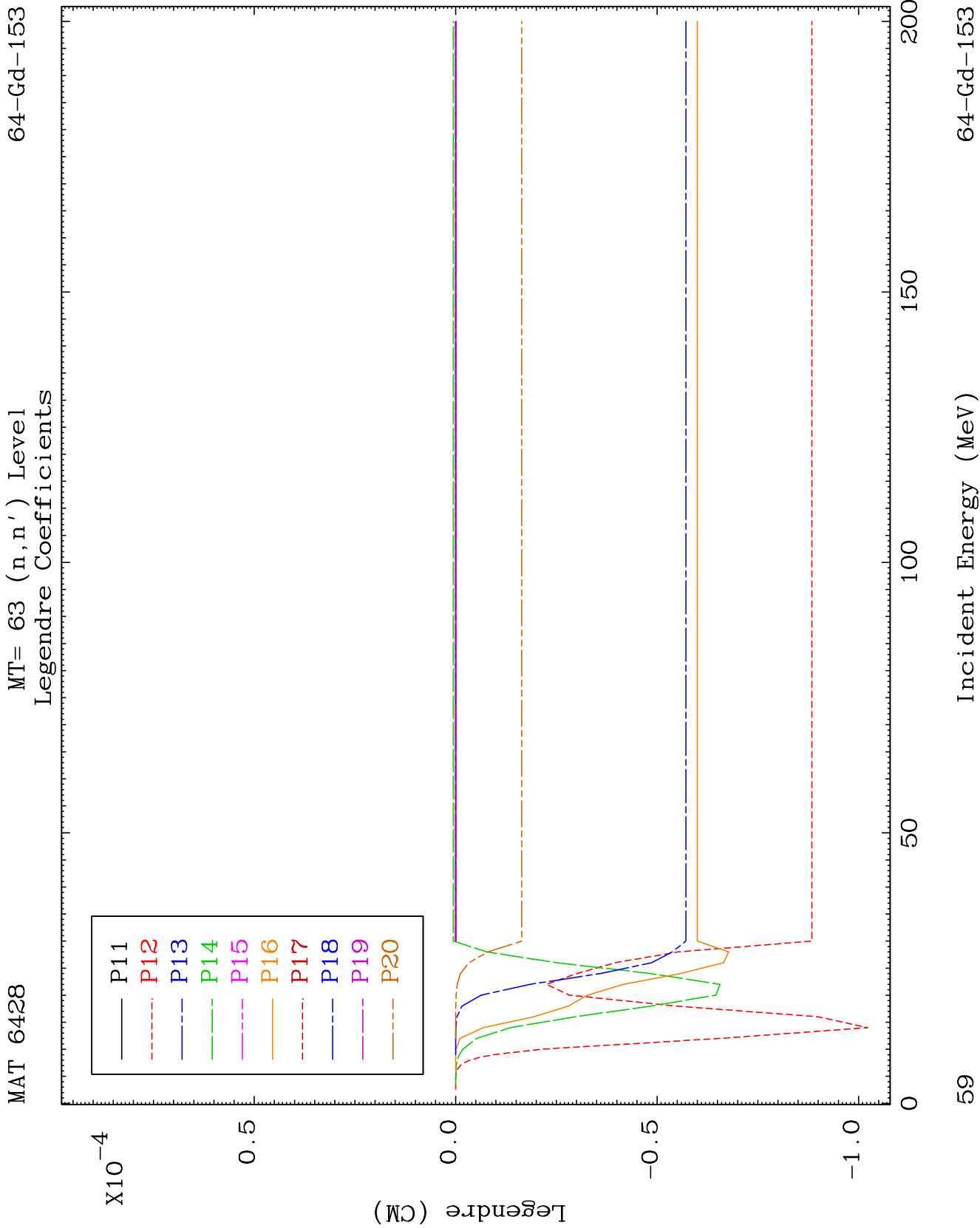
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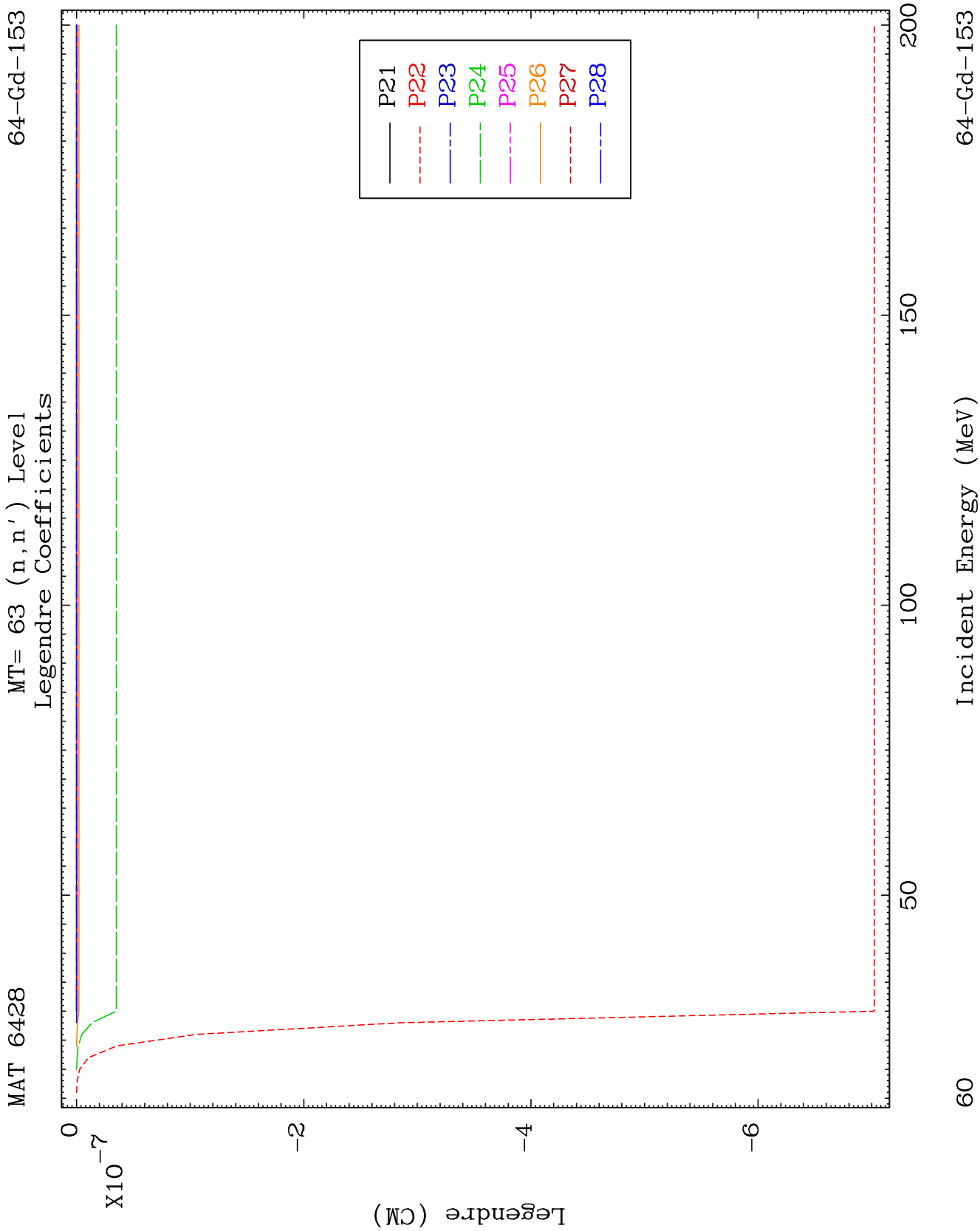


58

Incident Energy (MeV)

64-Gd-153

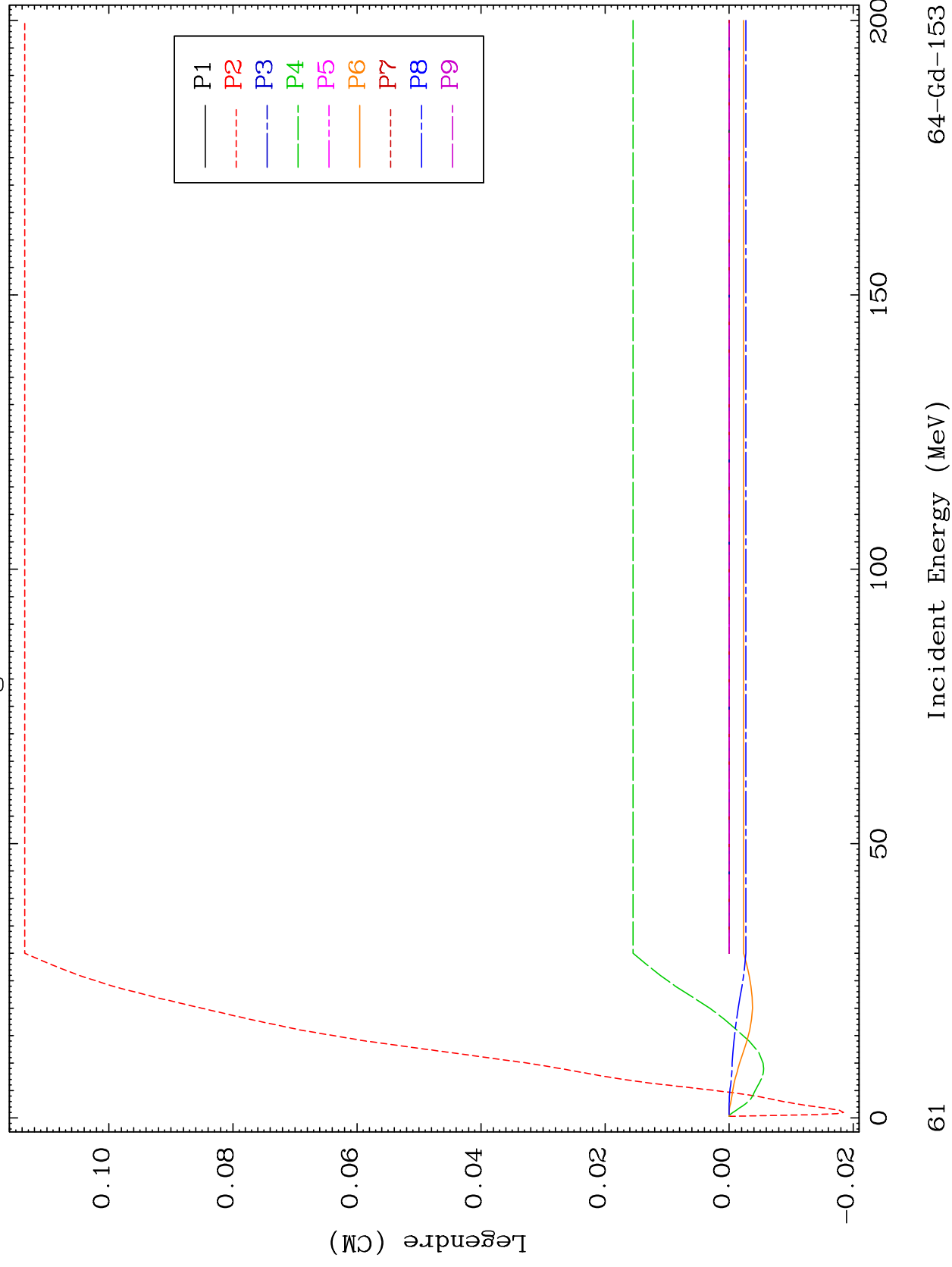


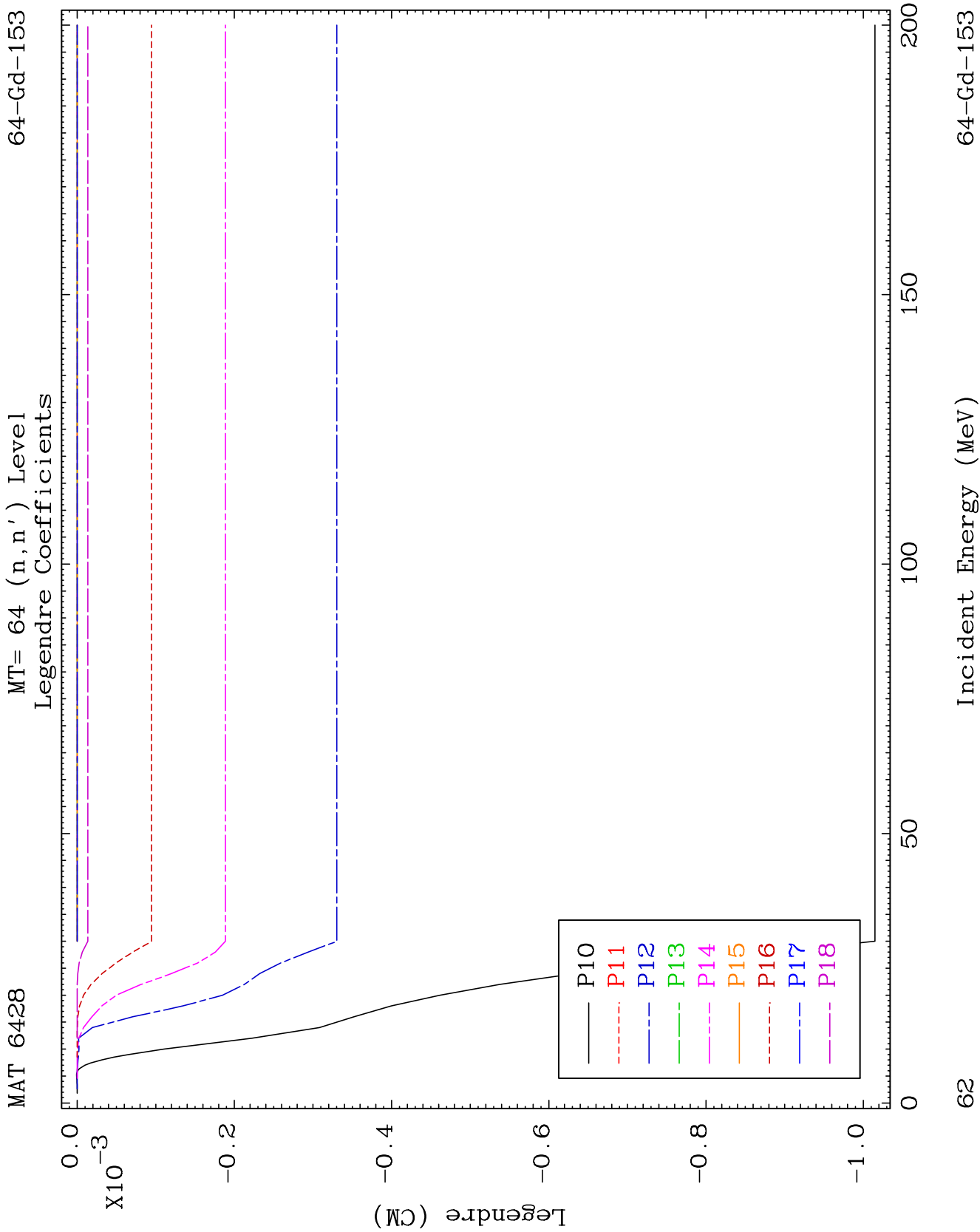


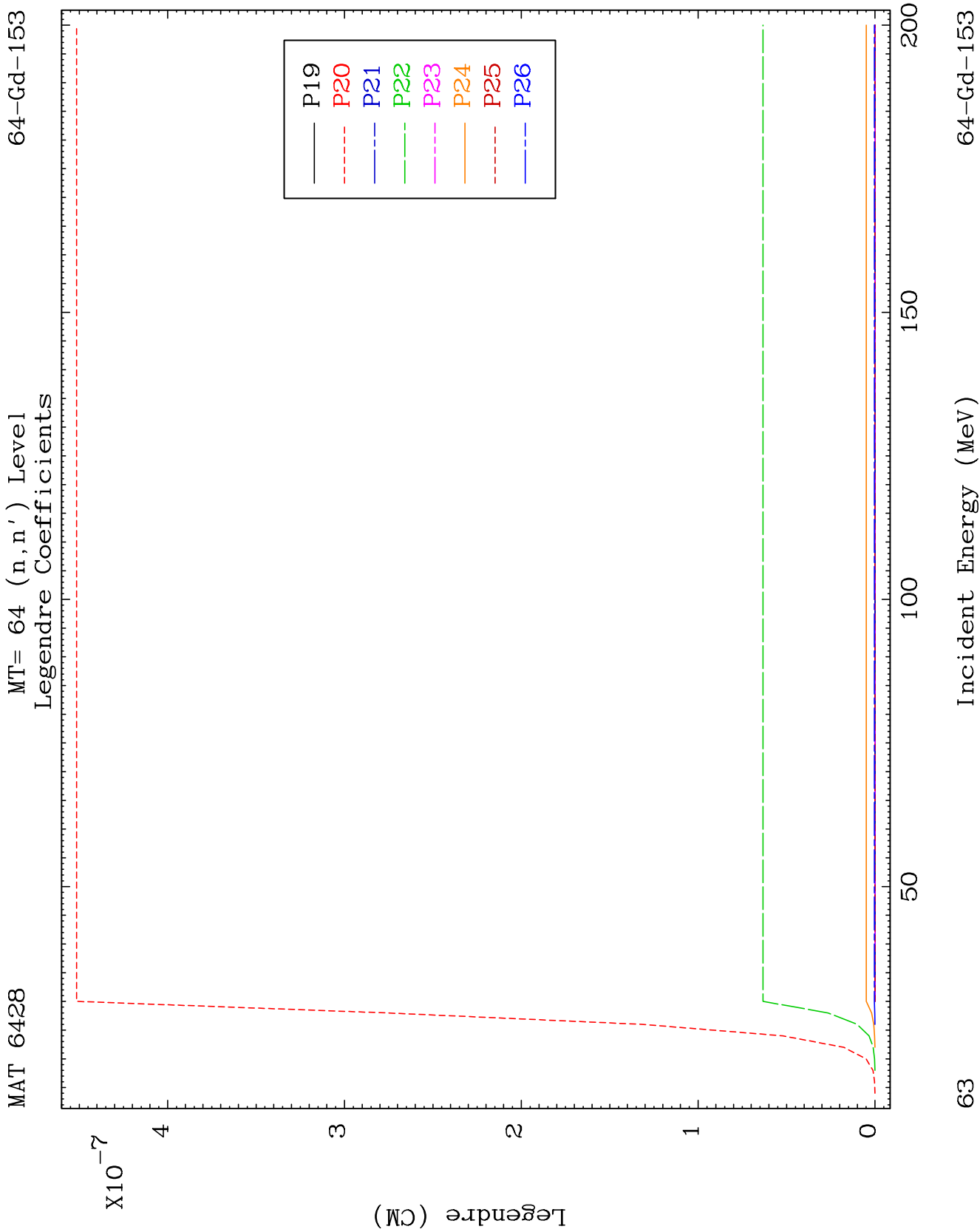
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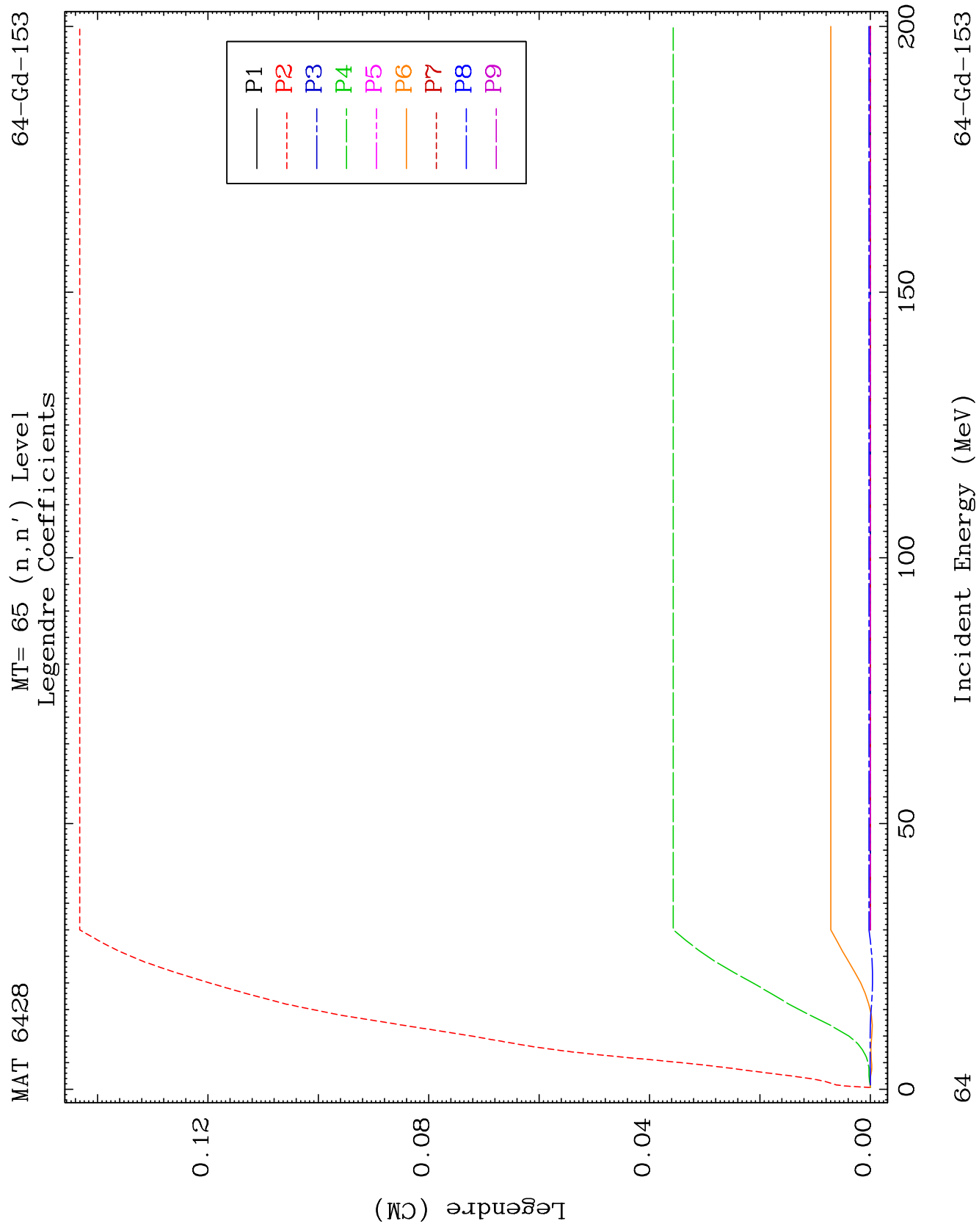
MT= 64 (n, n') Level
Legendre Coefficients

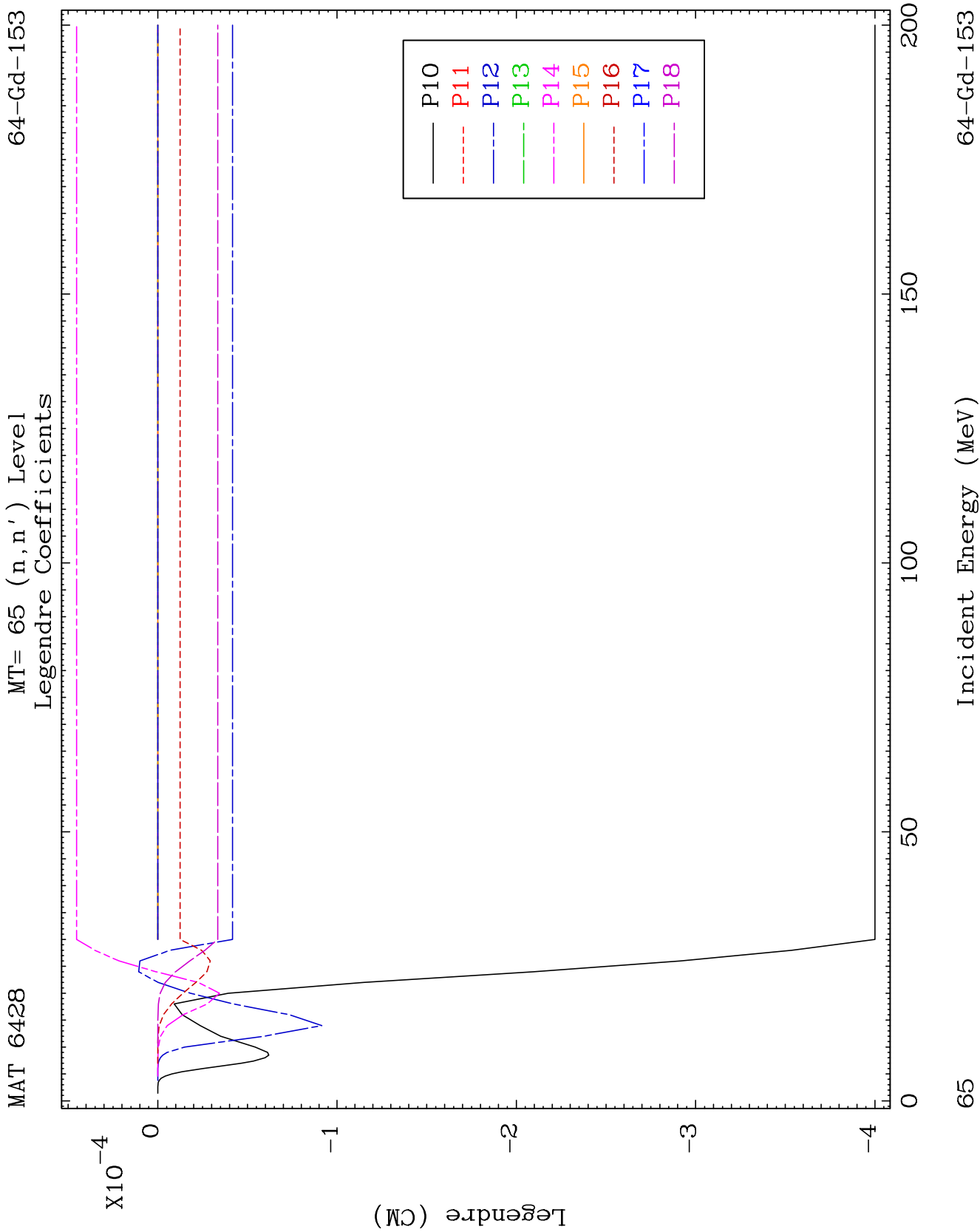
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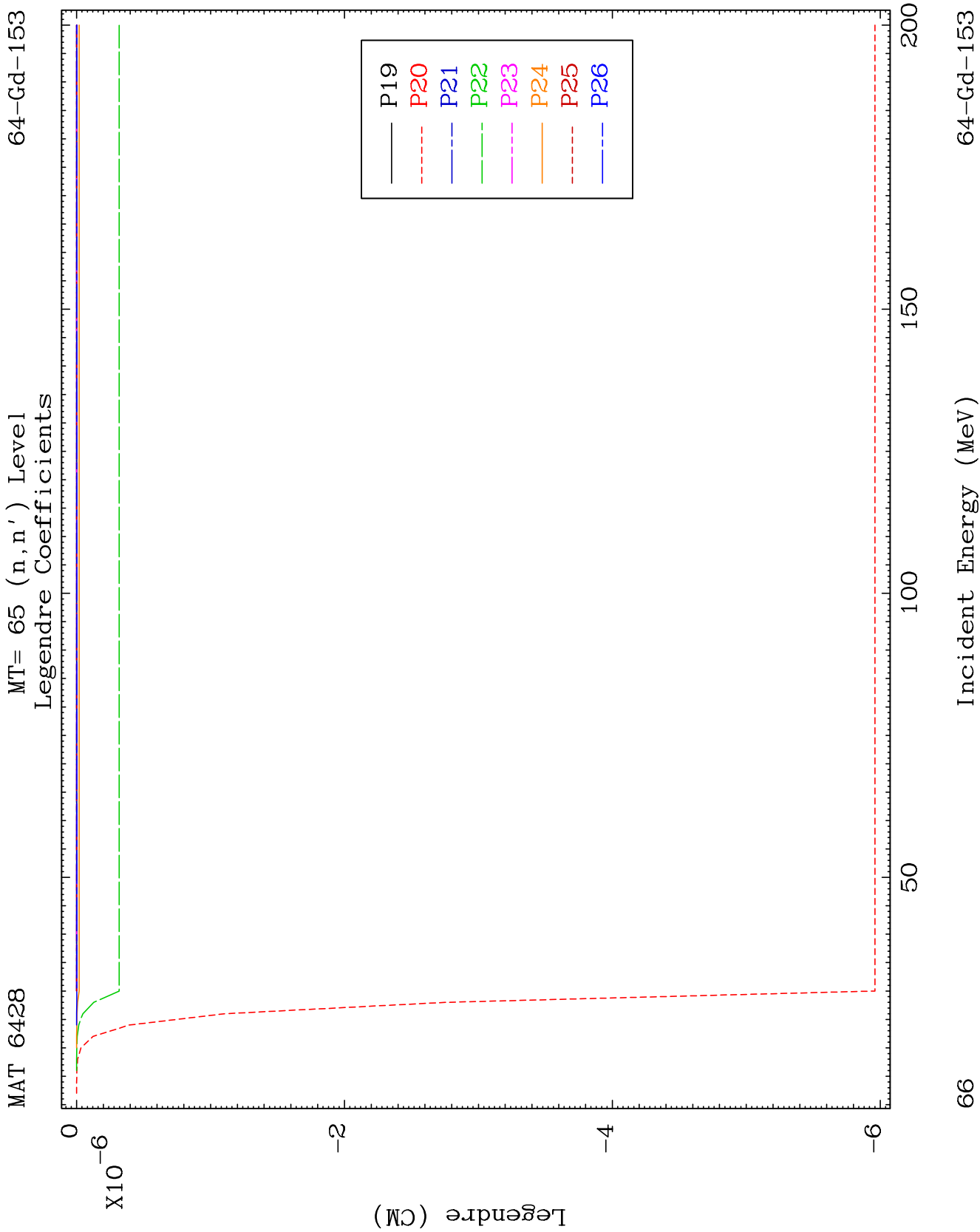


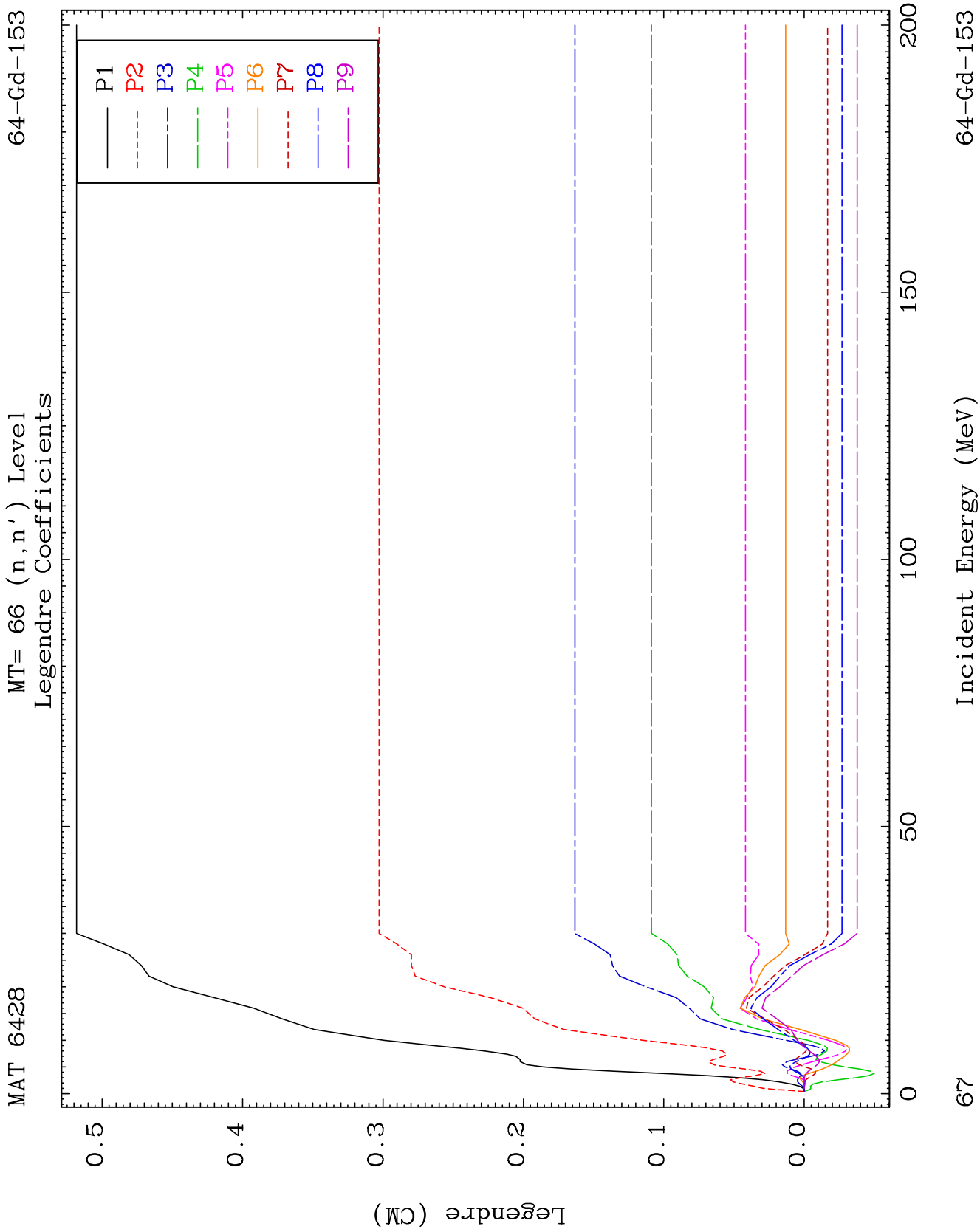


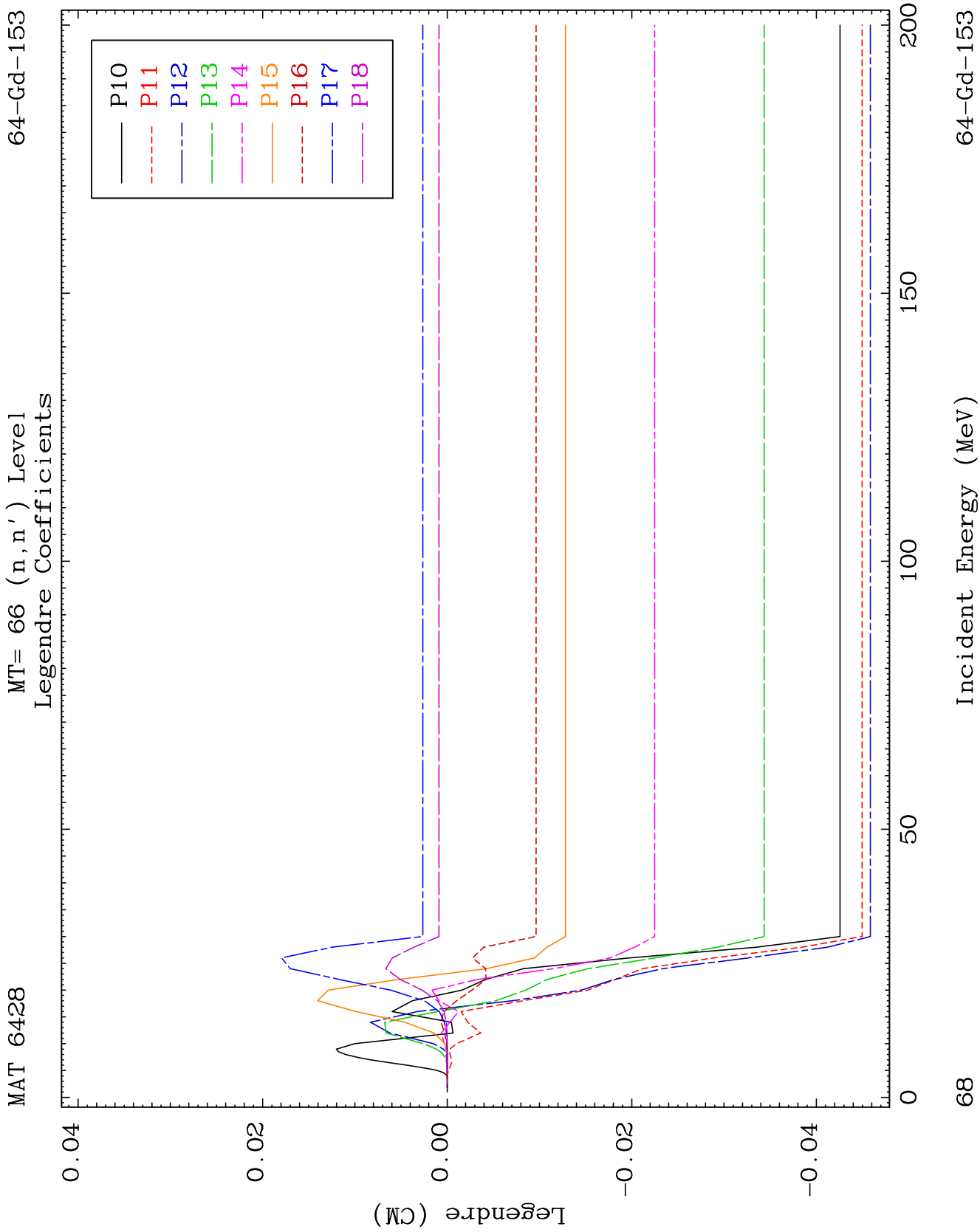


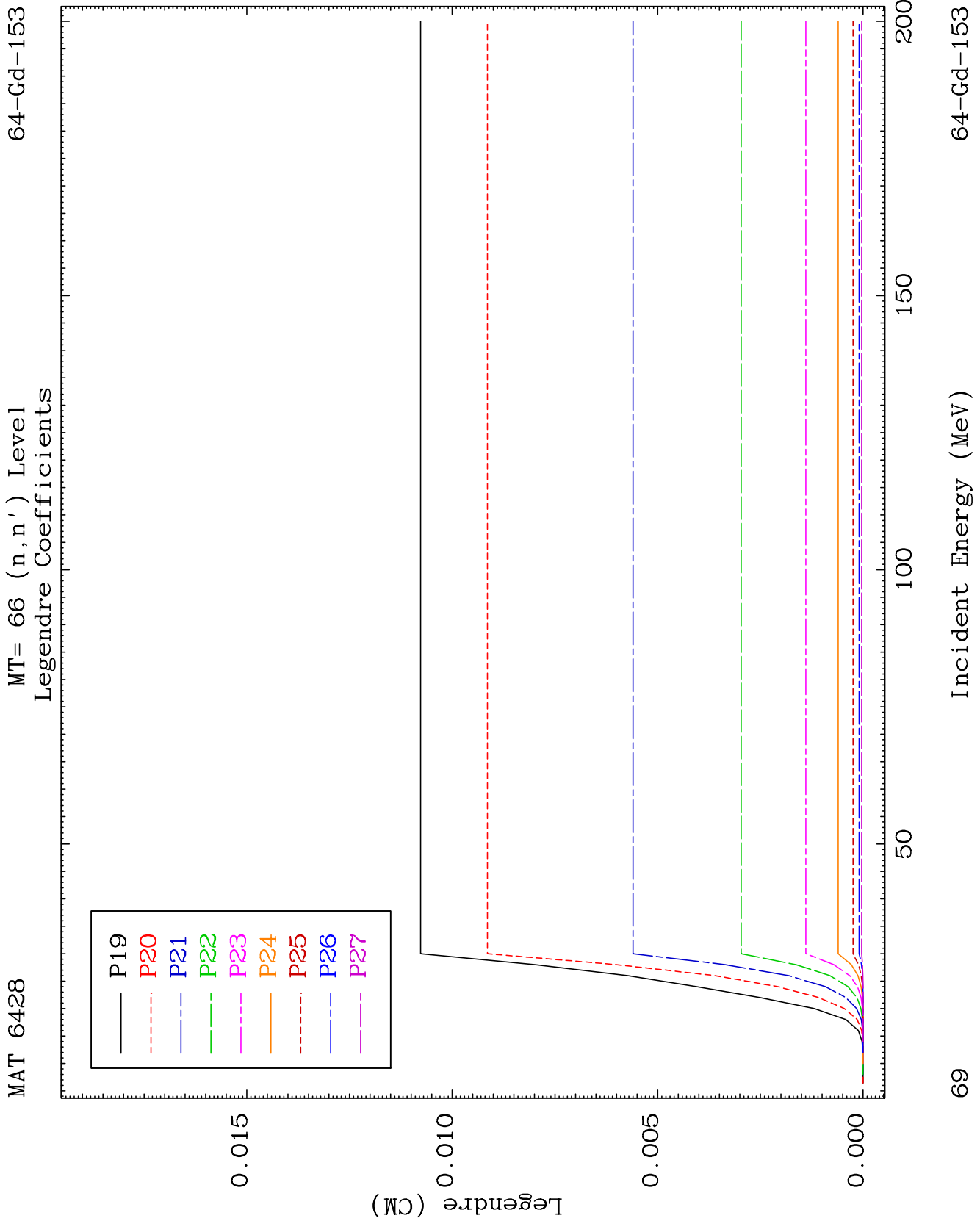


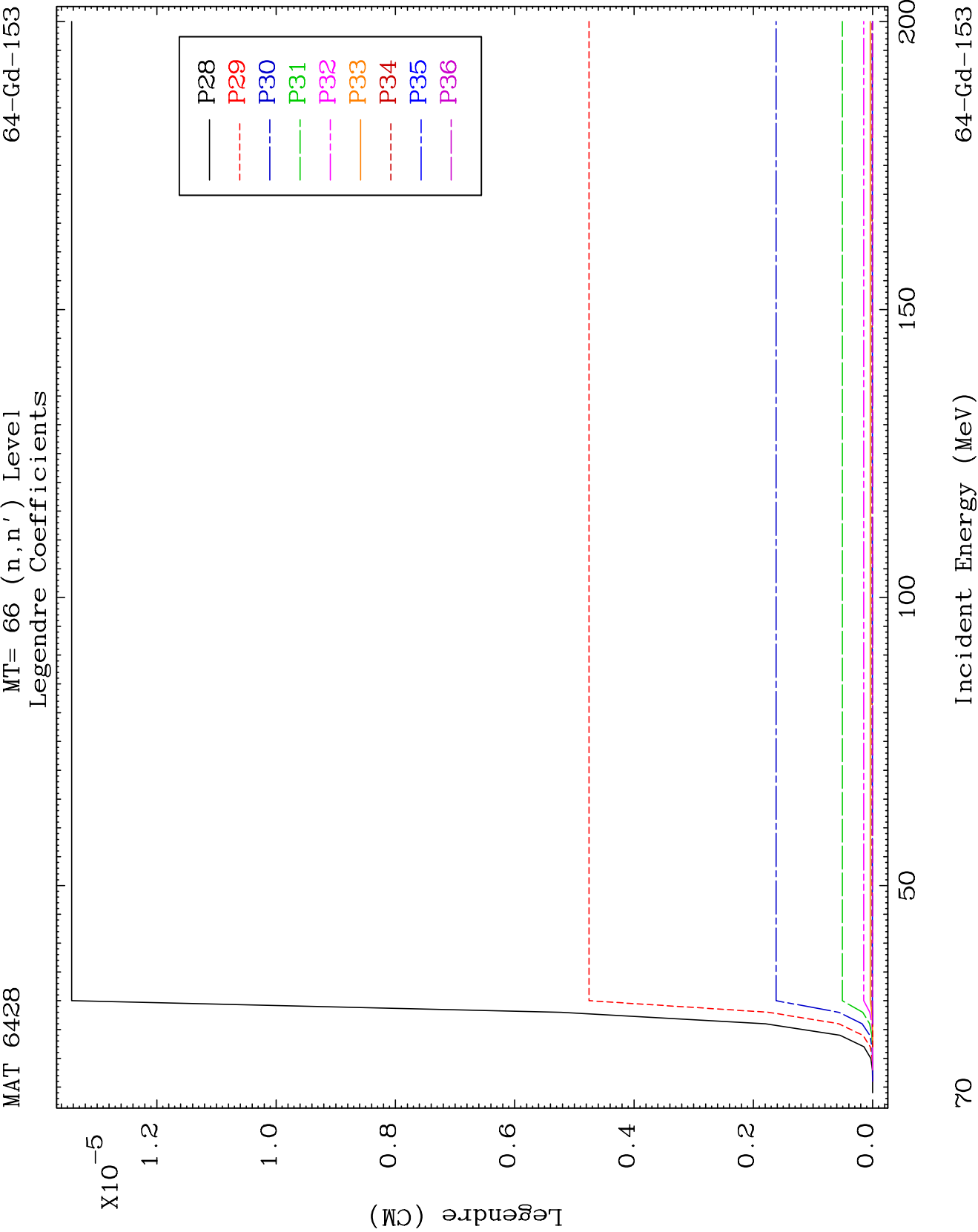


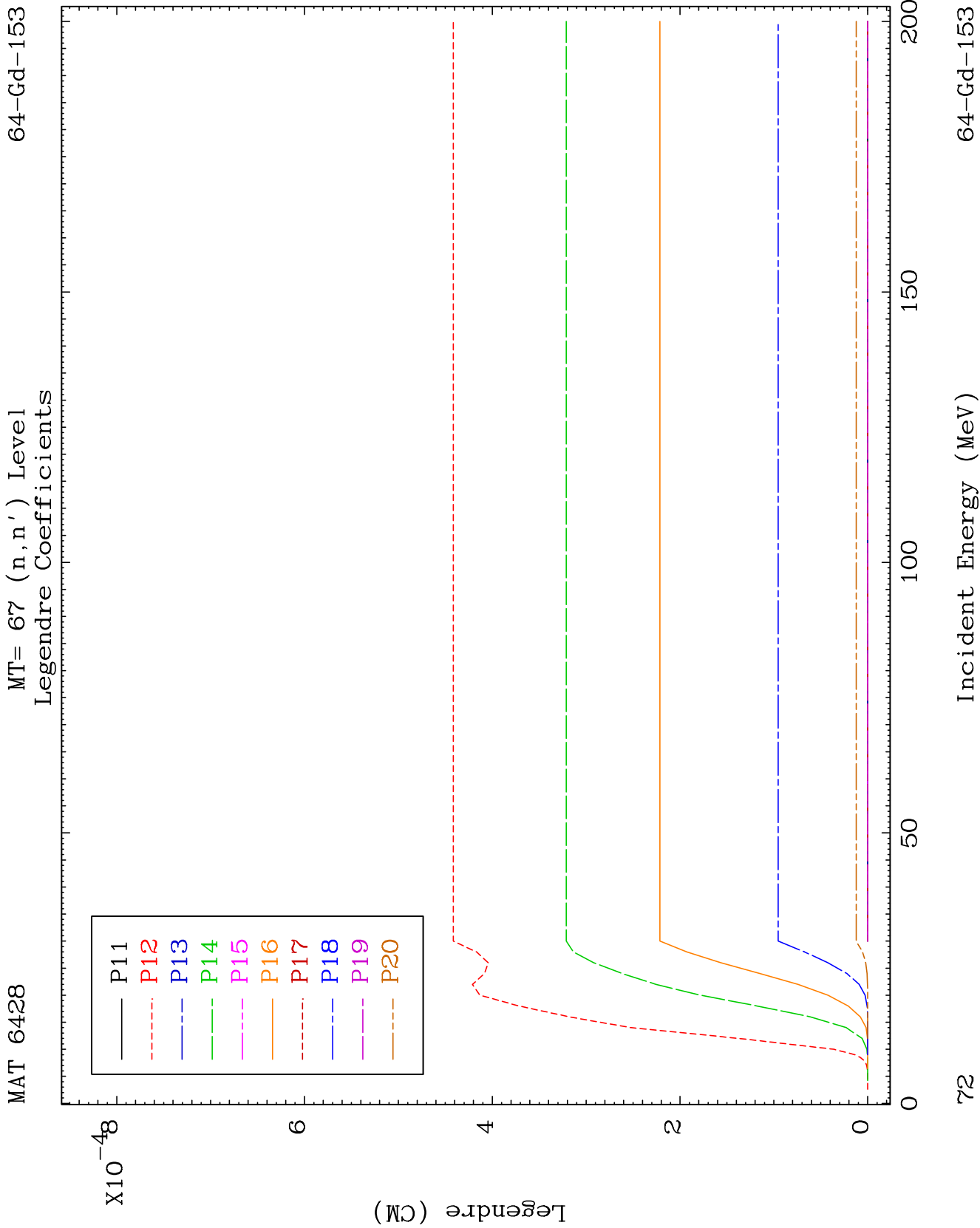


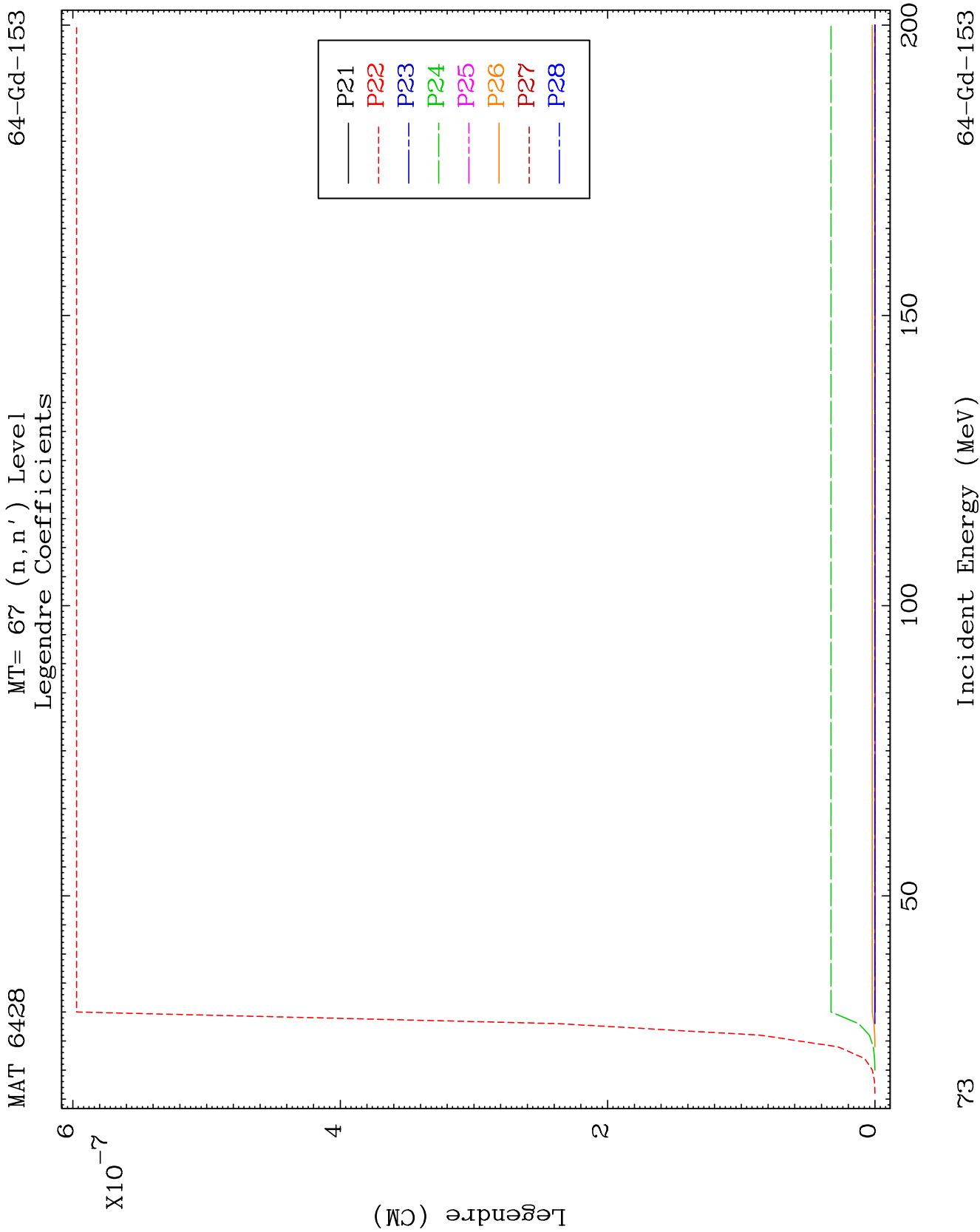








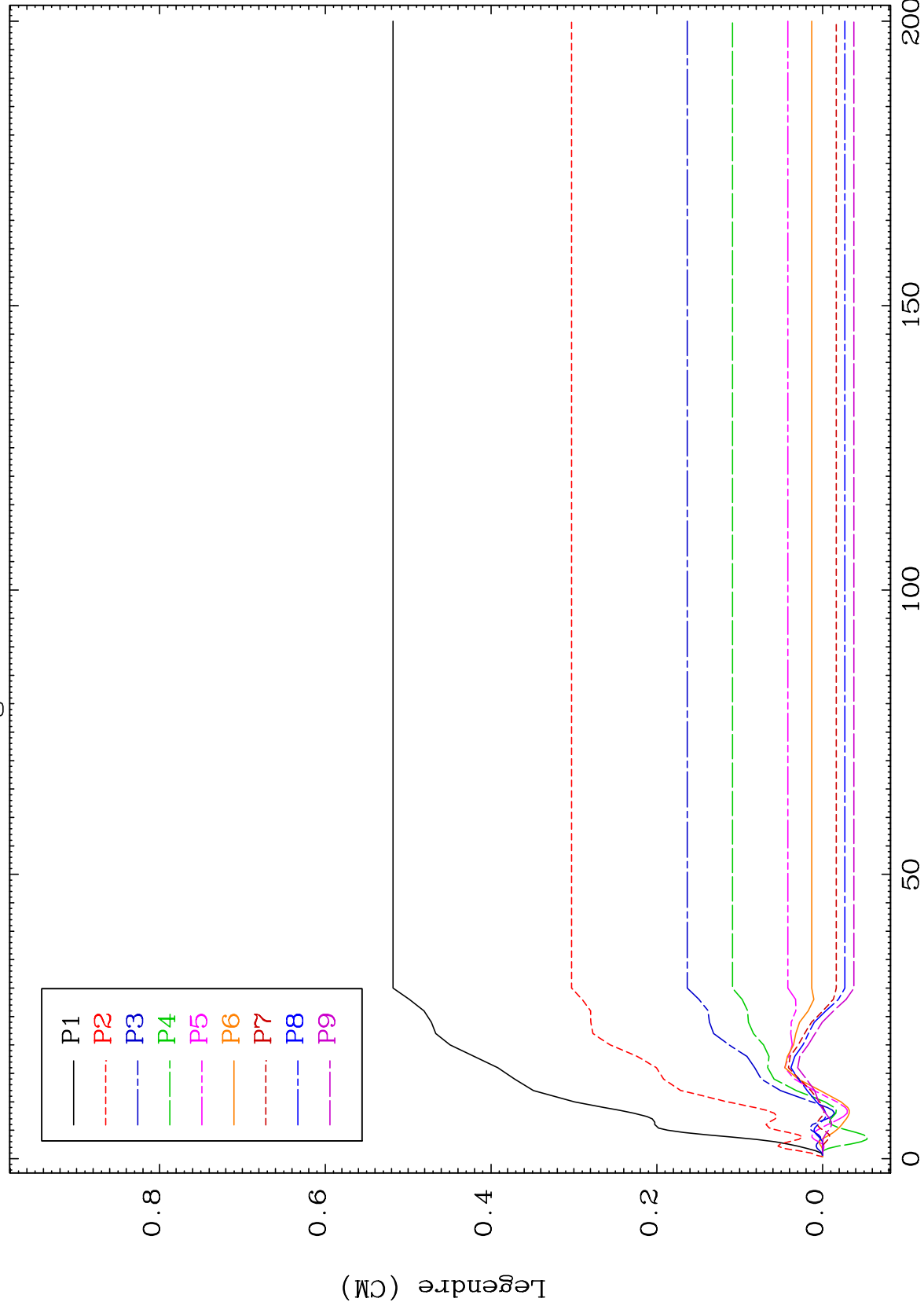




MAT 6428

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

64-Gd-153



42

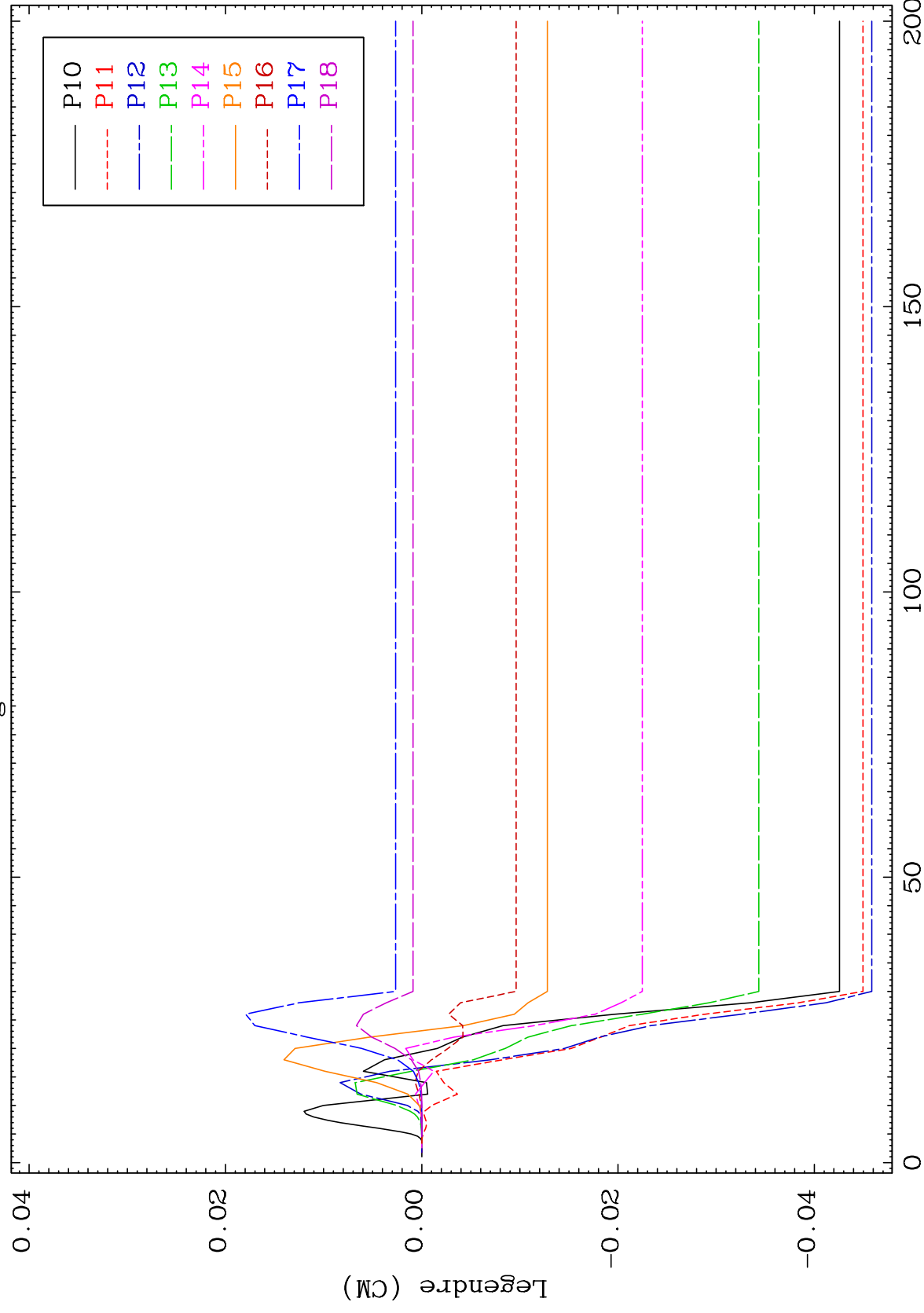
Incident Energy (MeV)

64-Gd-153

MAT 6428

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

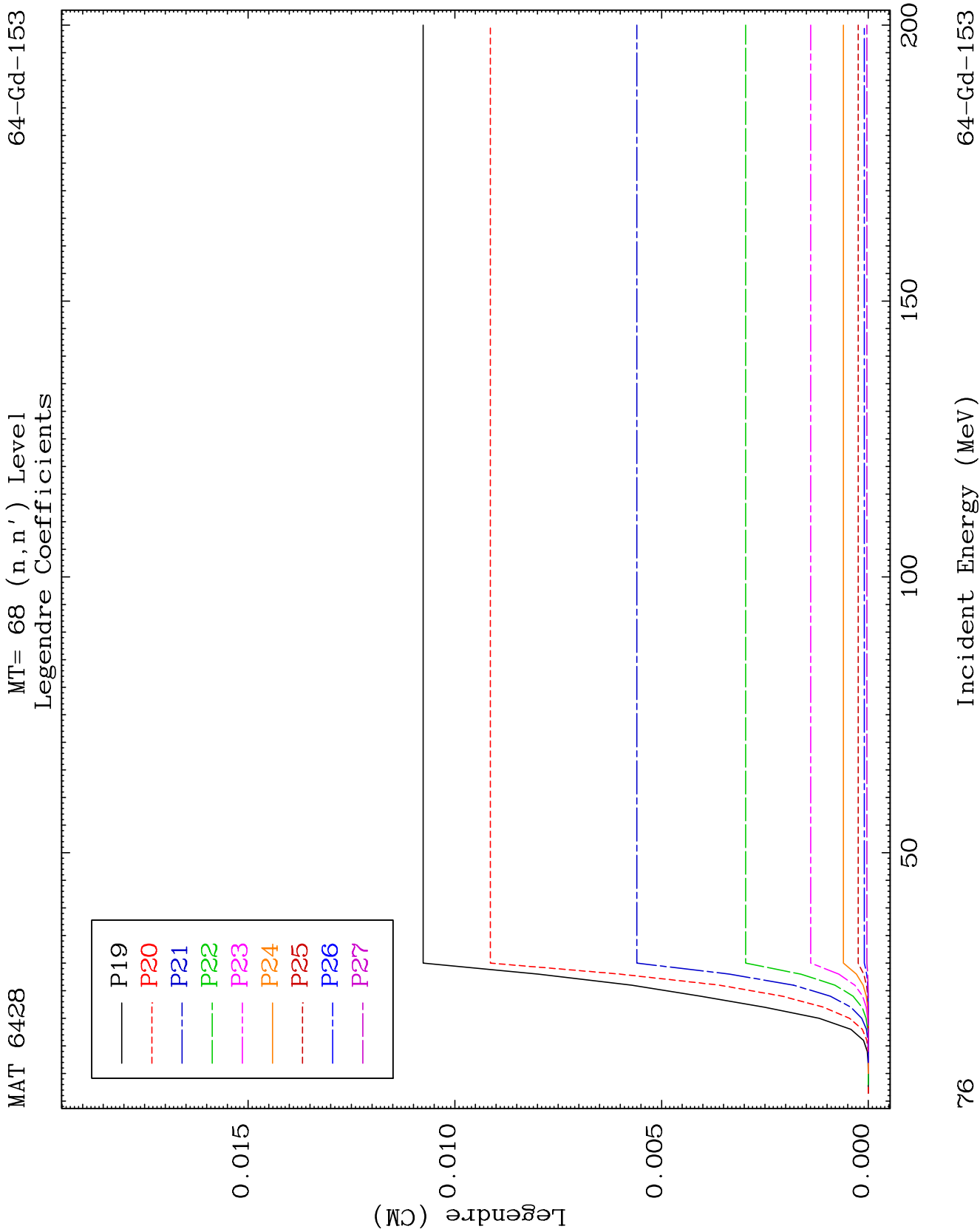
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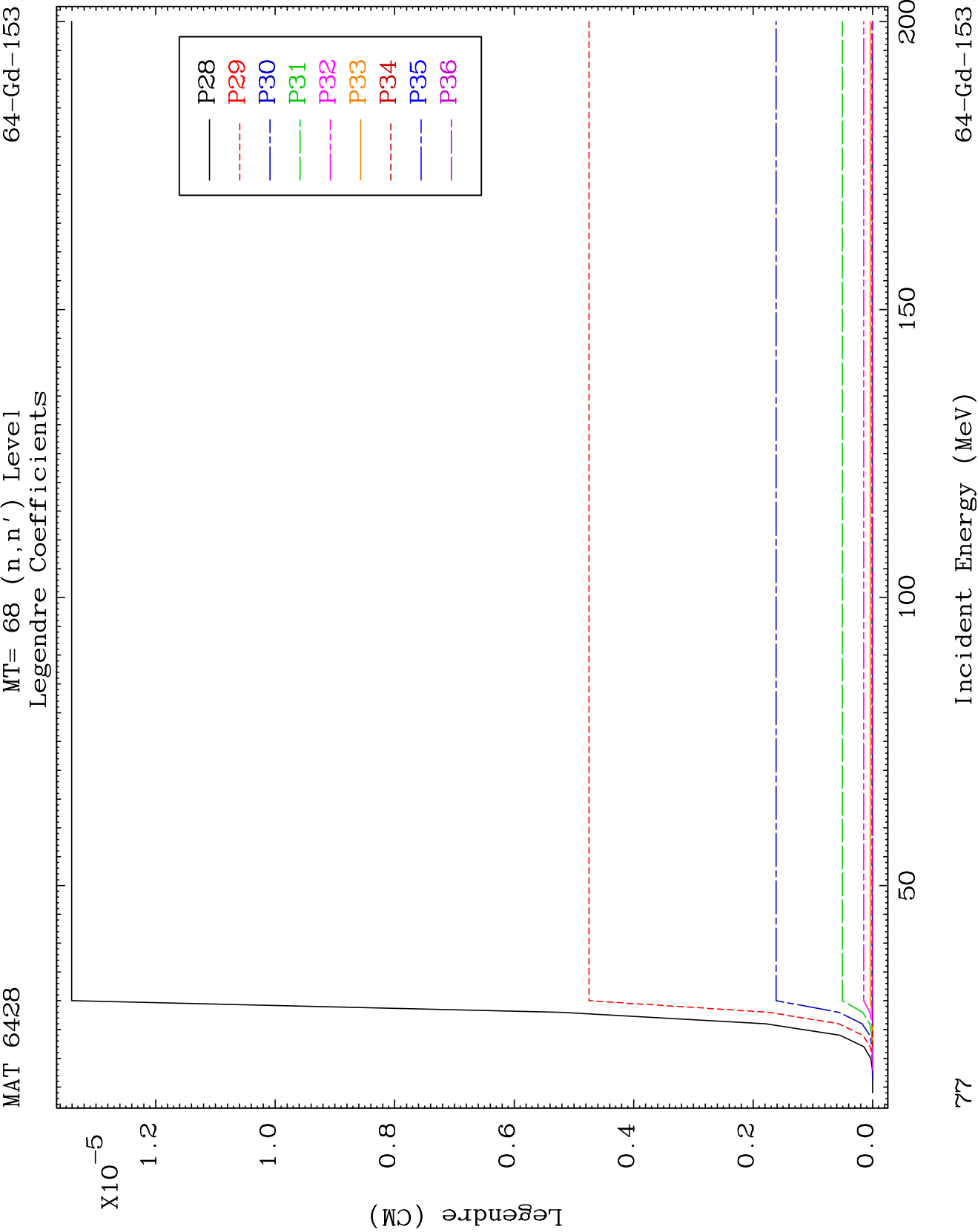


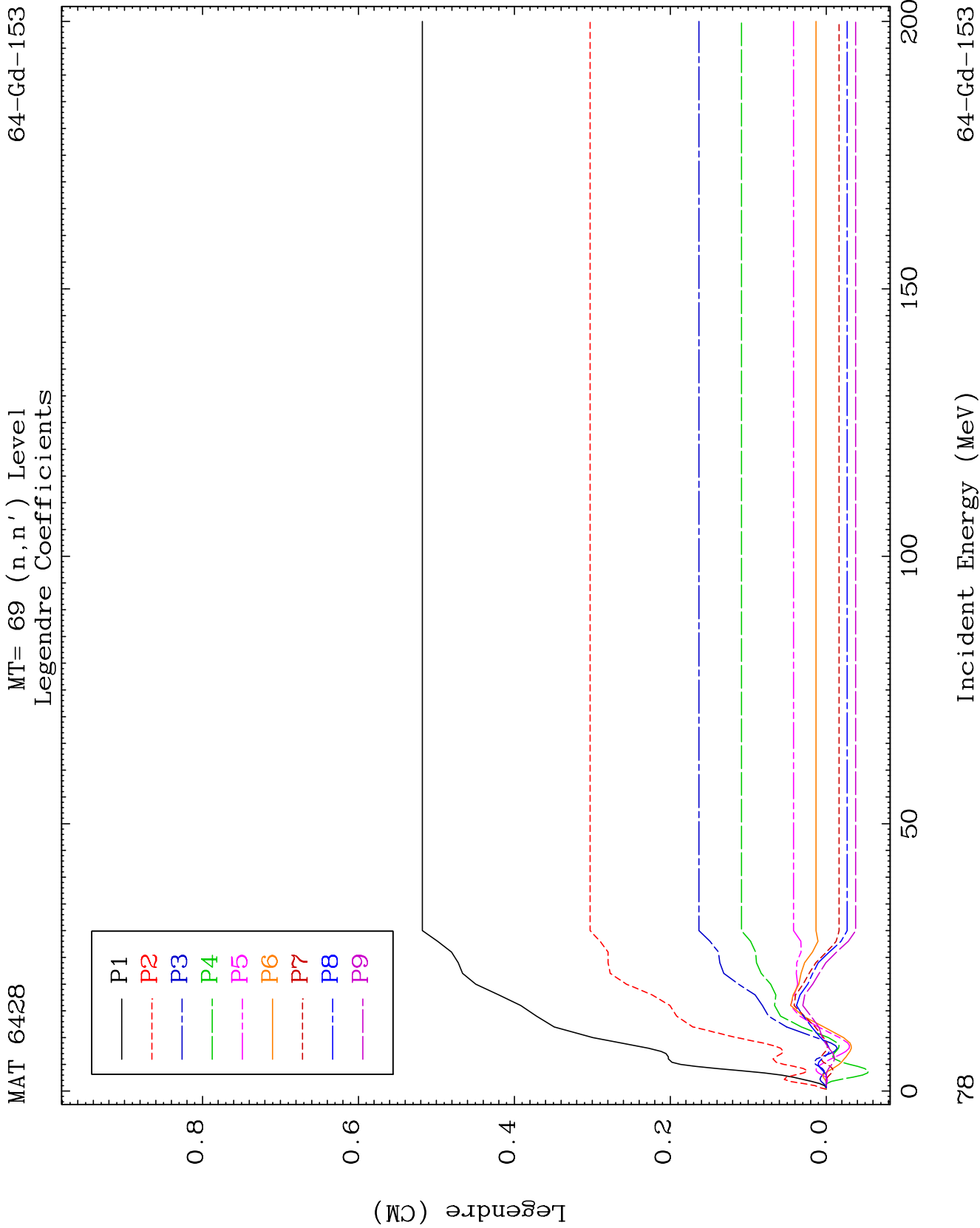
52

Incident Energy (MeV)

64-Gd-153



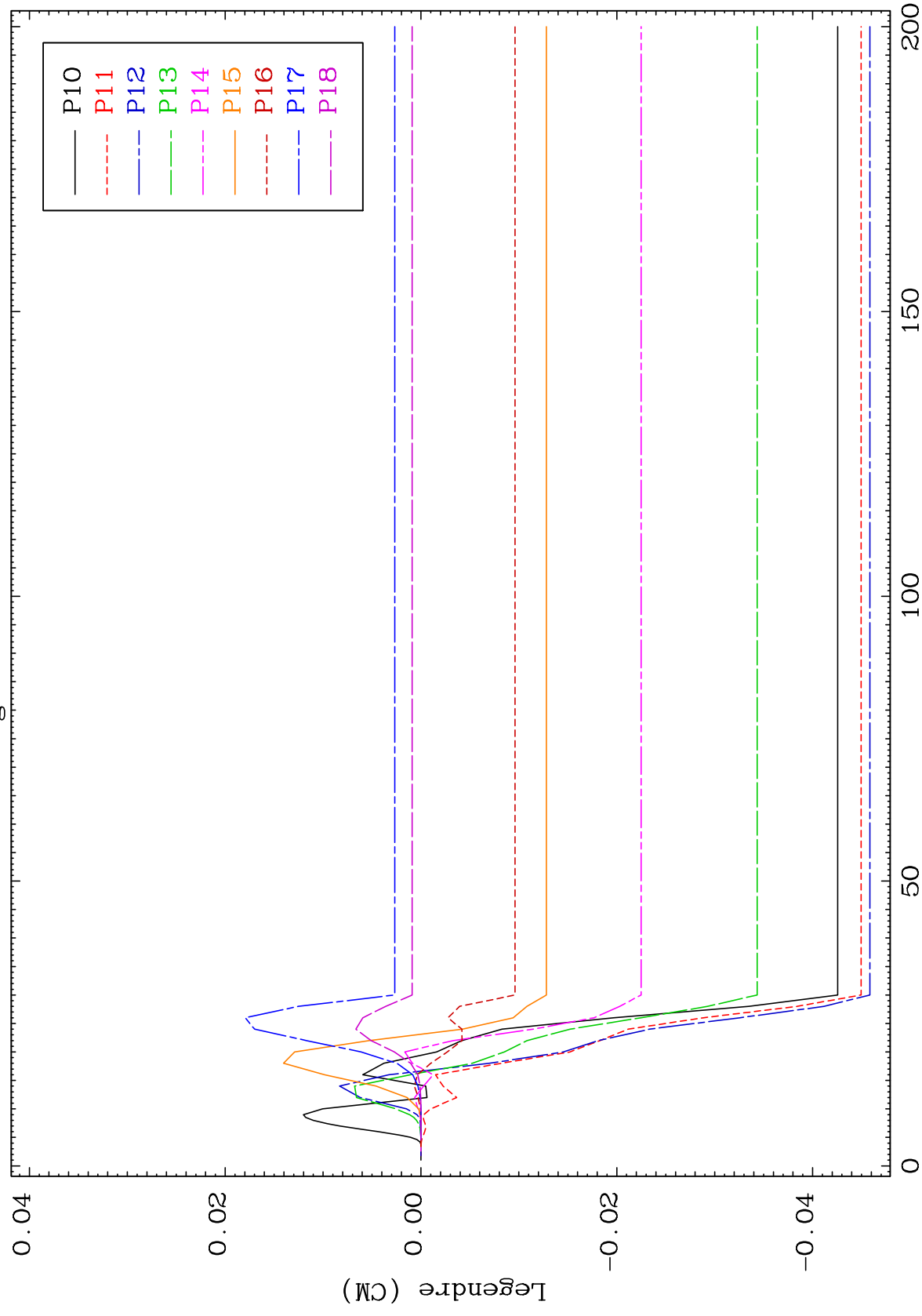




MAT 6428

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

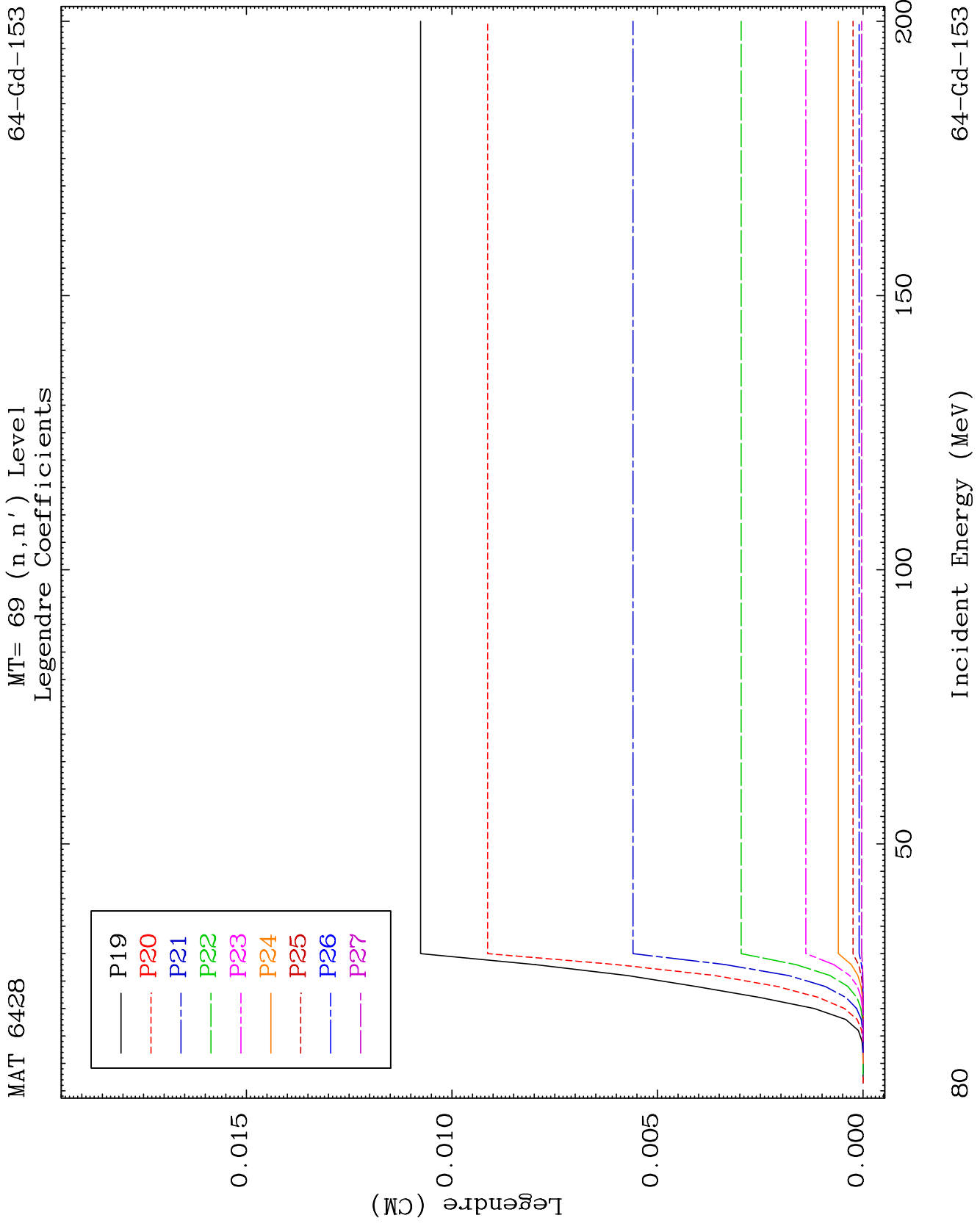
64-Gd-153



62

Incident Energy (MeV)

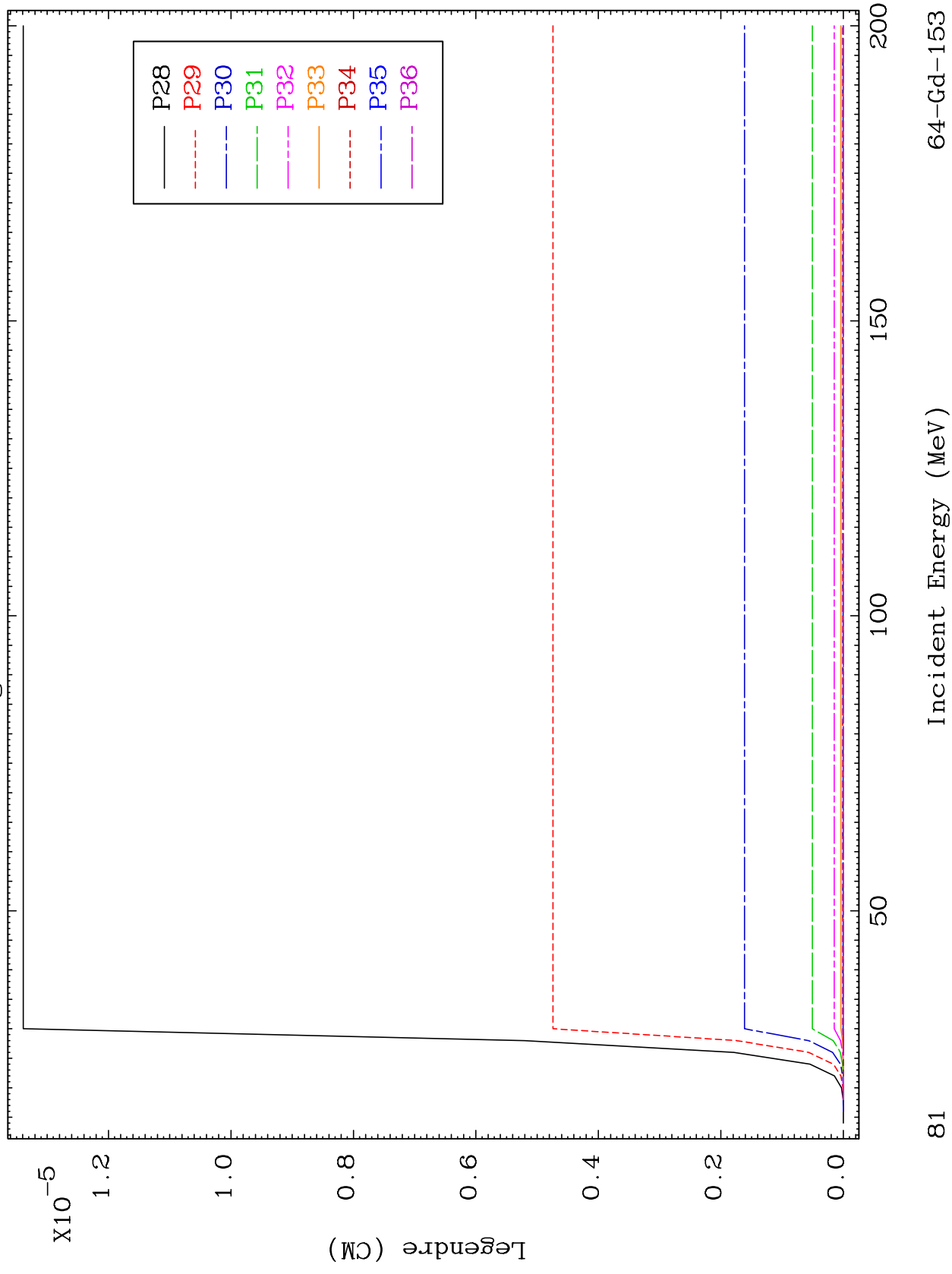
64-Gd-153



MAT 6428

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

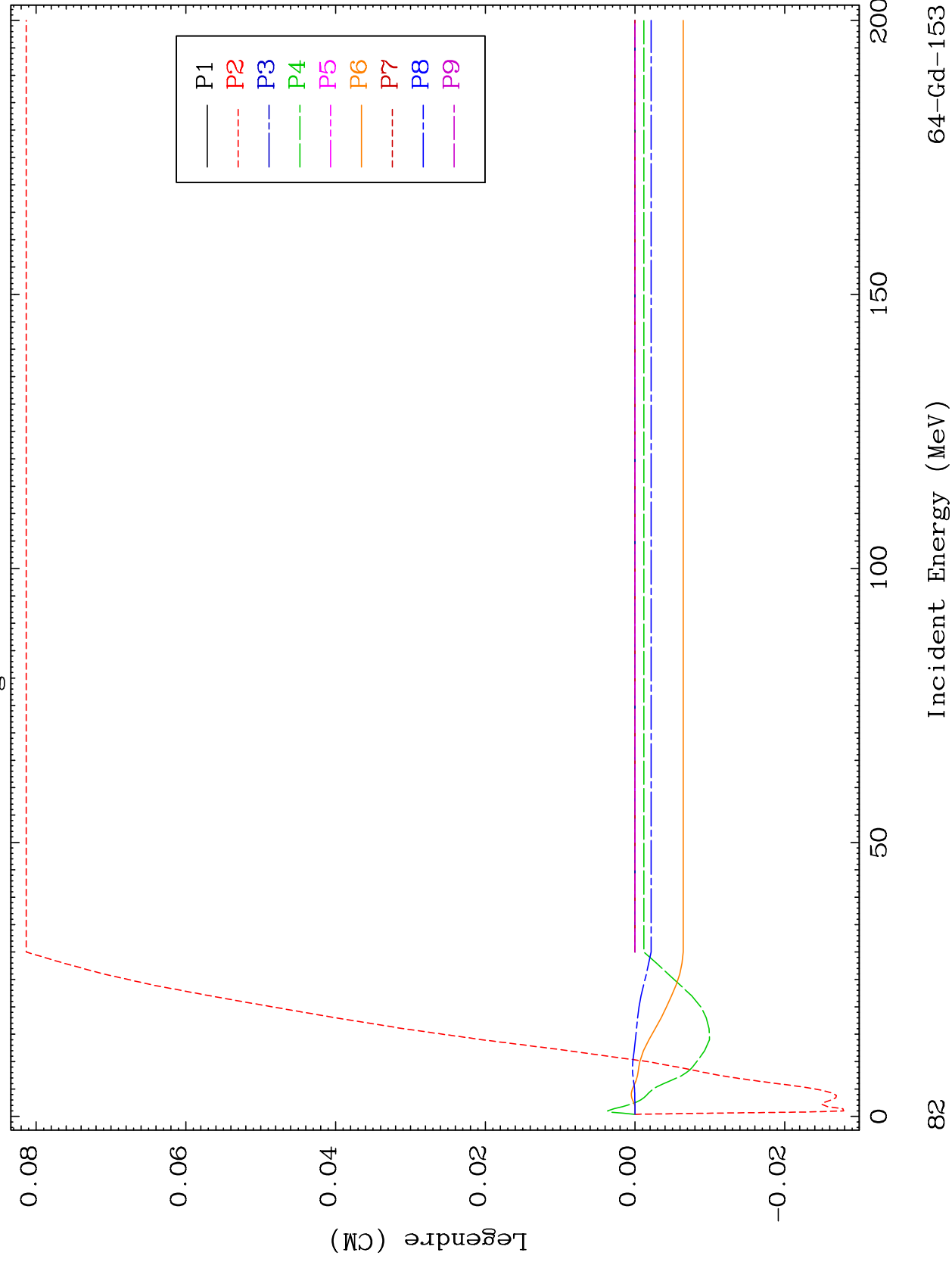
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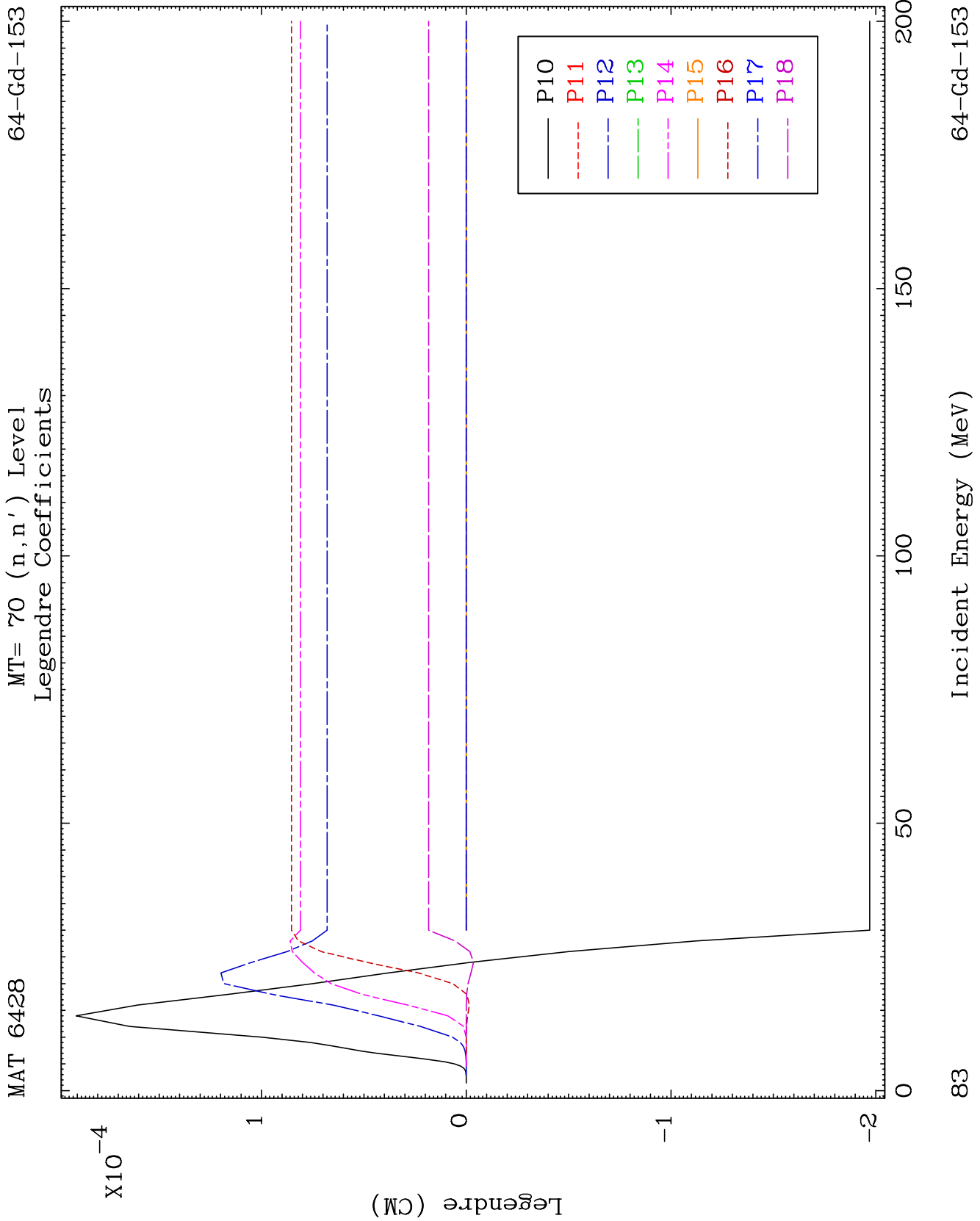


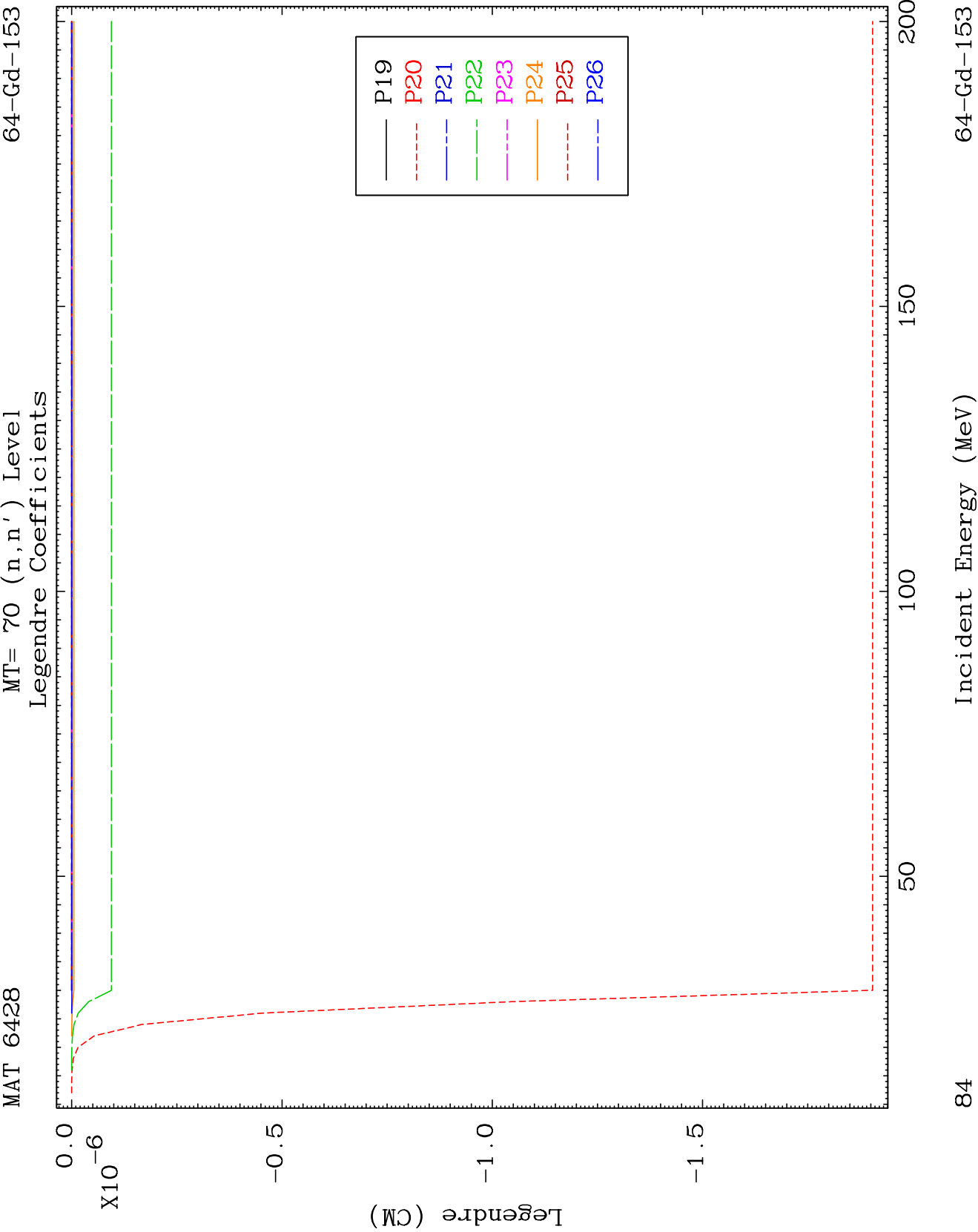
MAT 6428

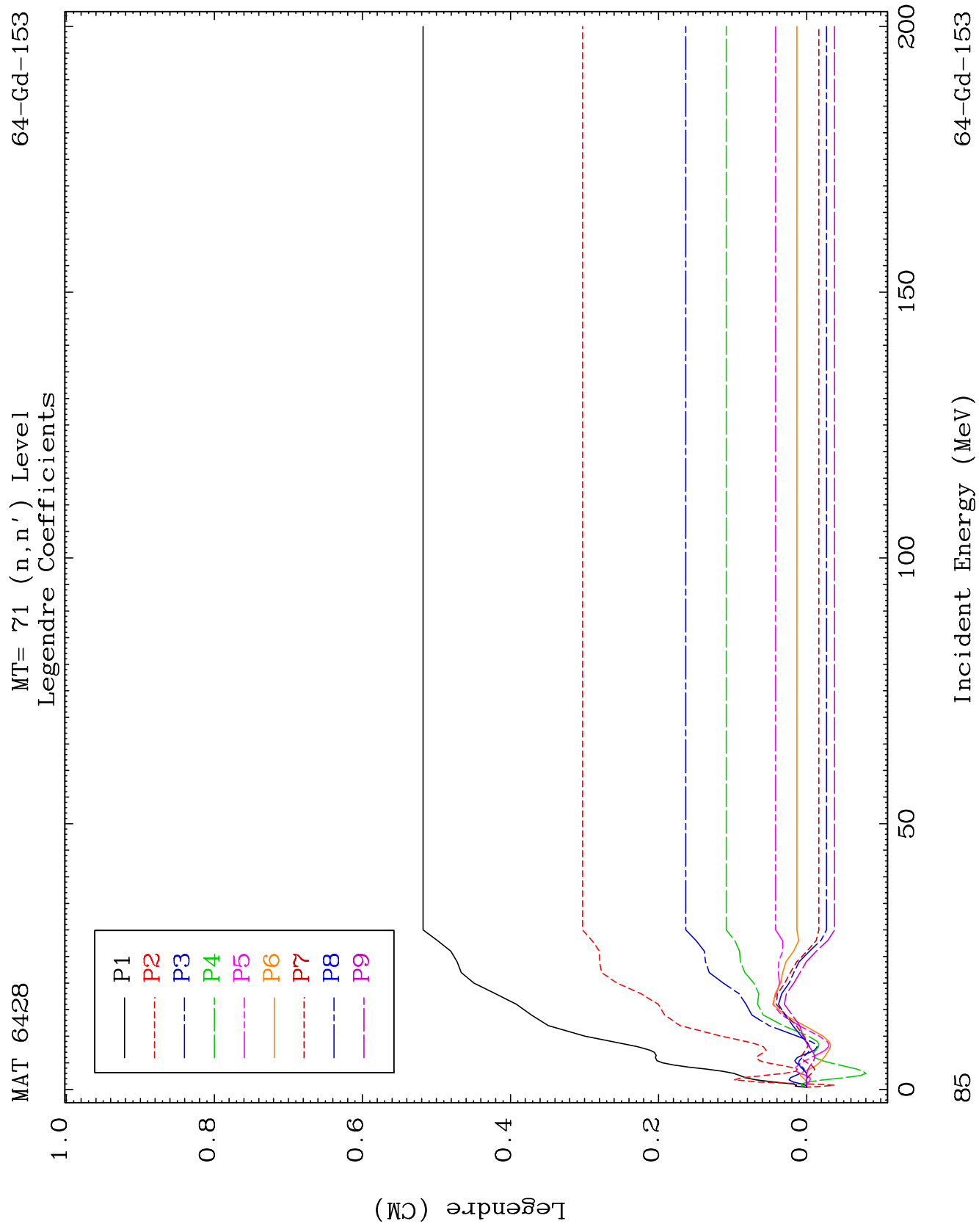
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Legendre Coefficients

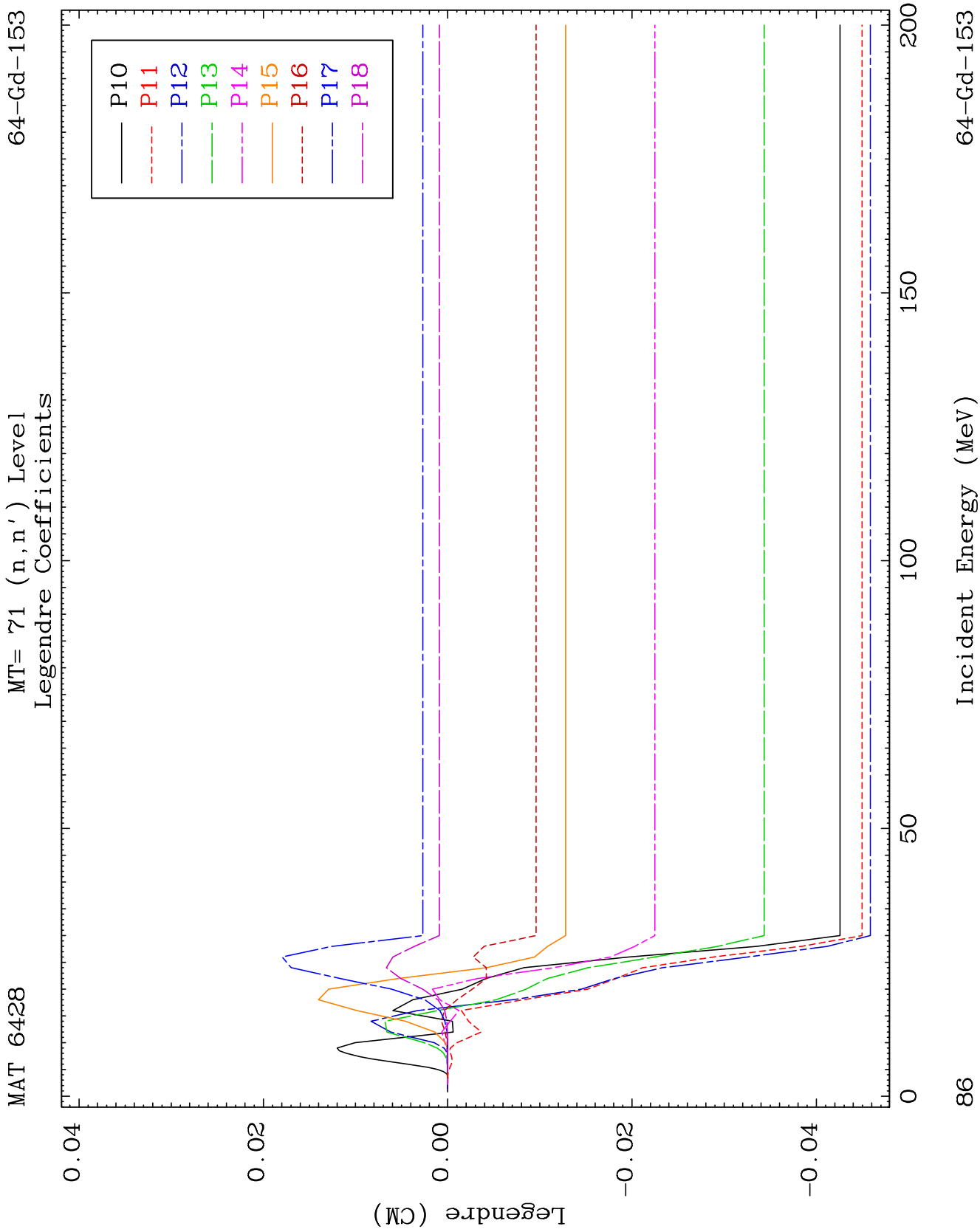
64-Gd-153

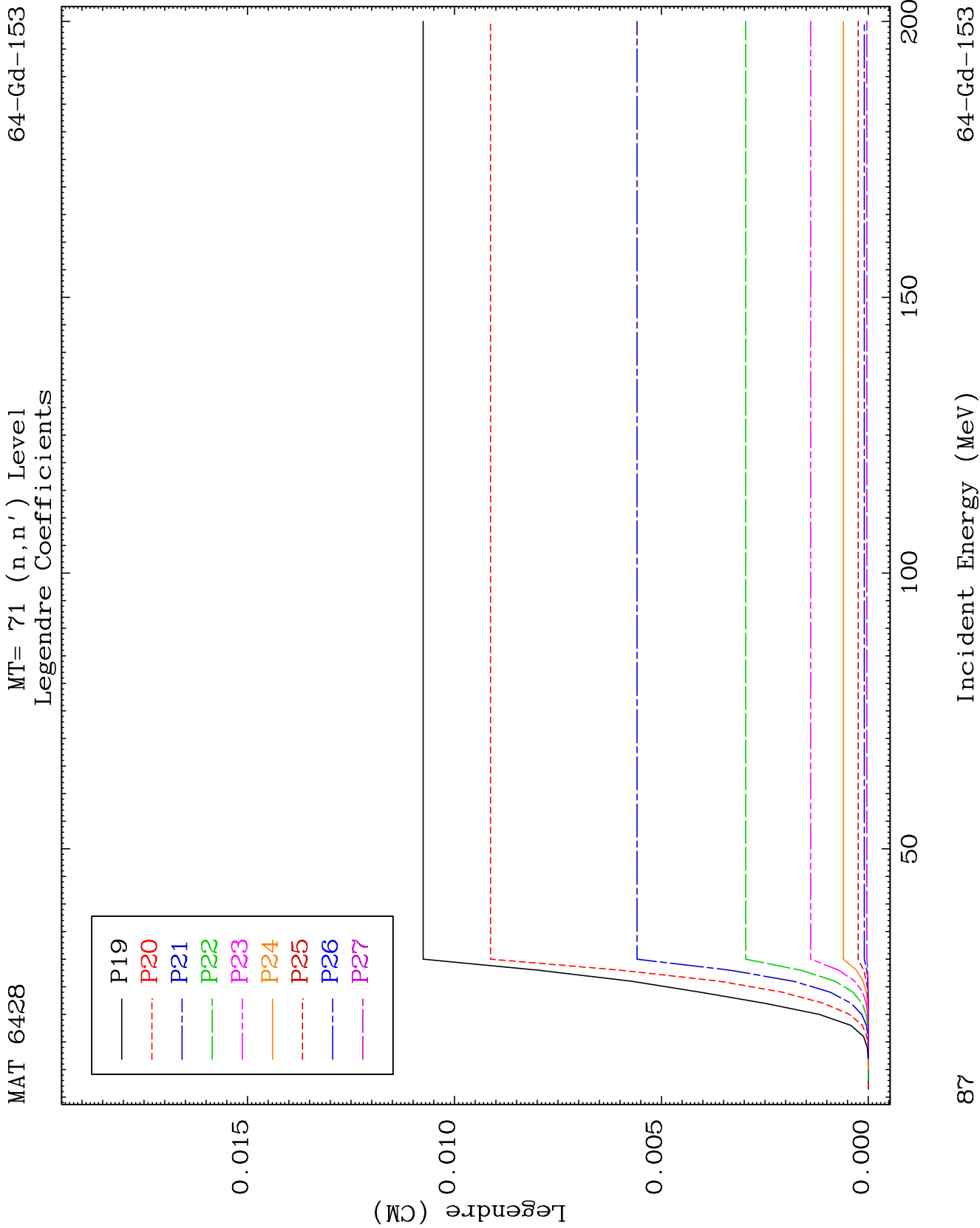








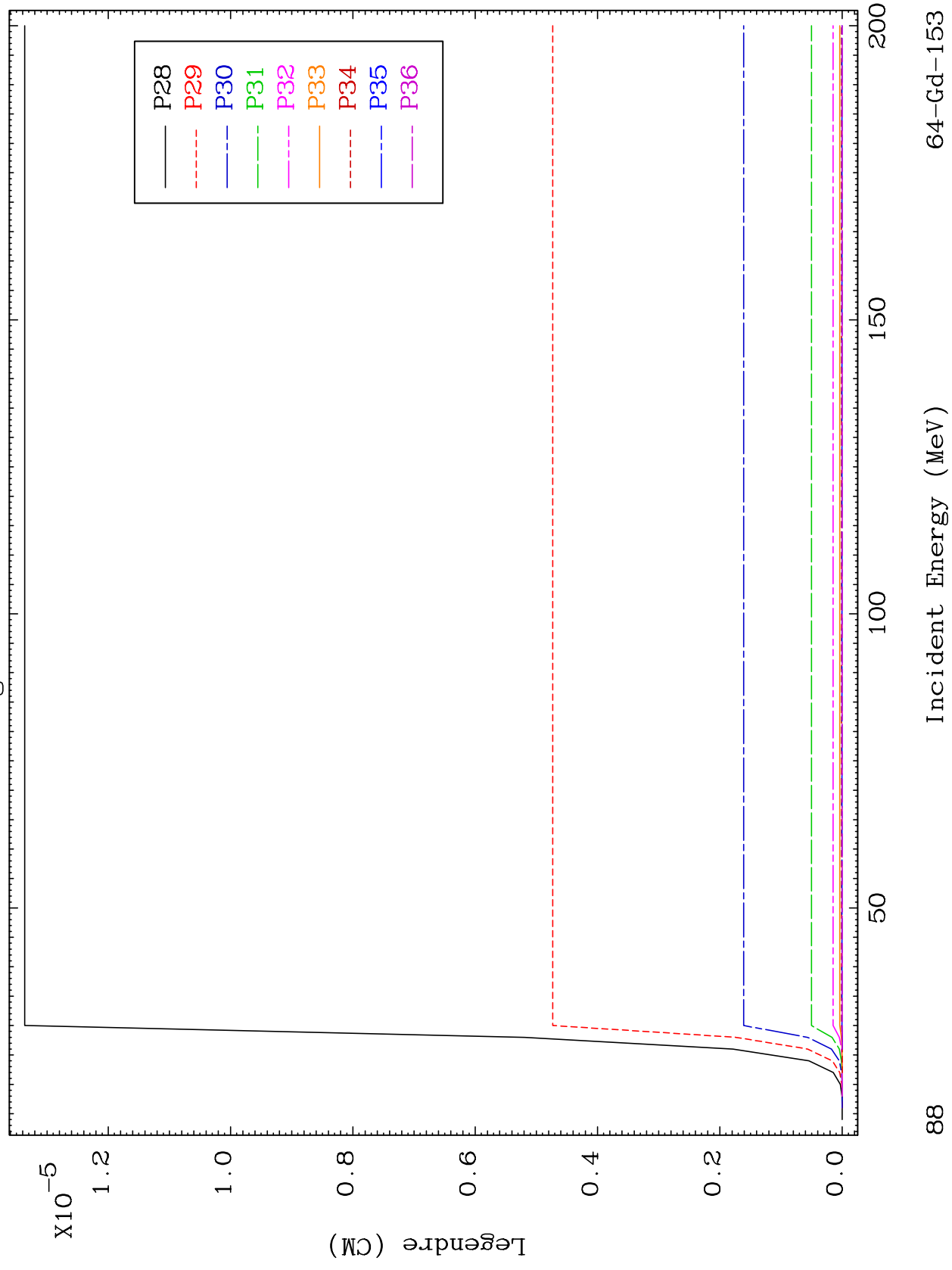


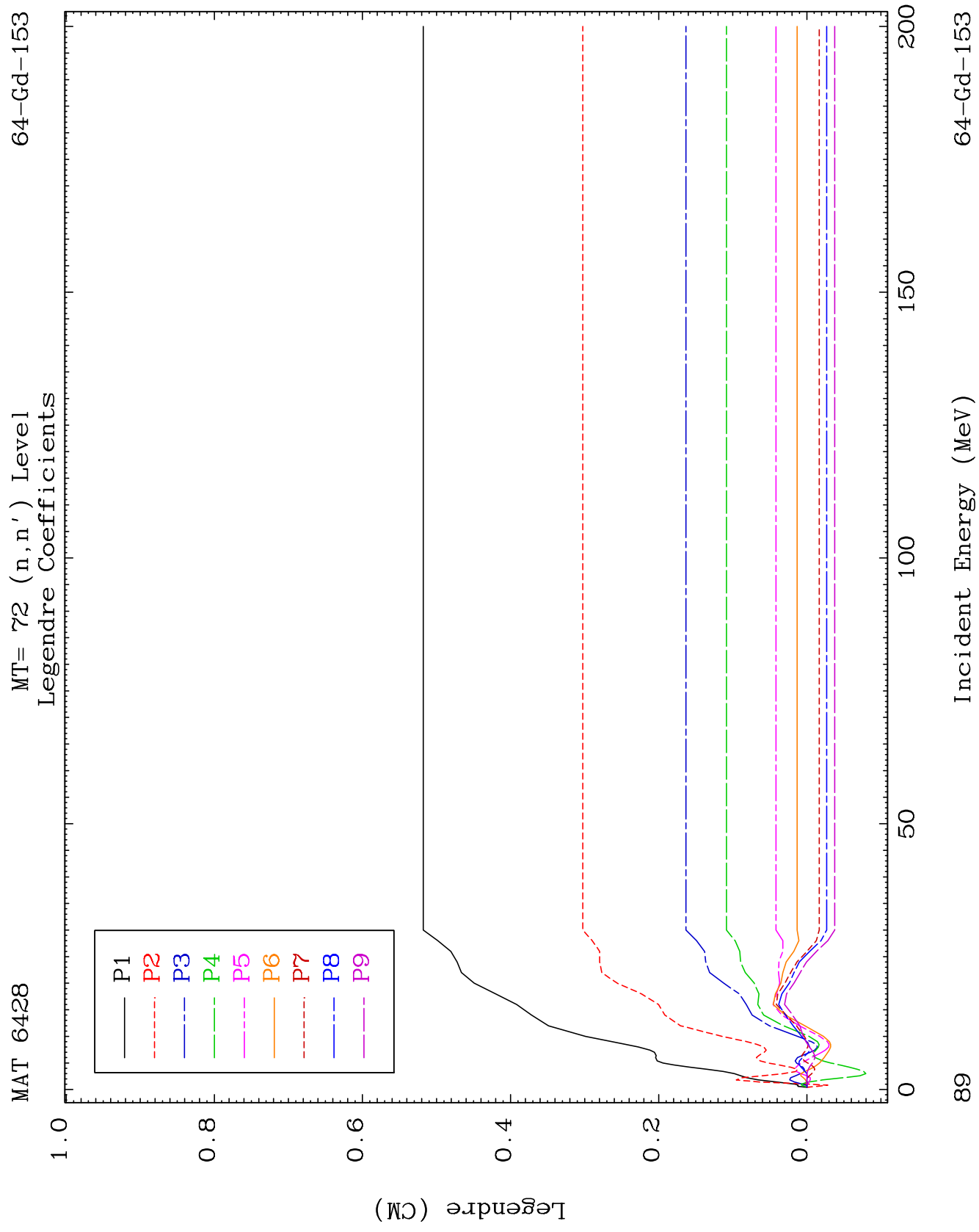


MAT 6428

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

64-Gd-153

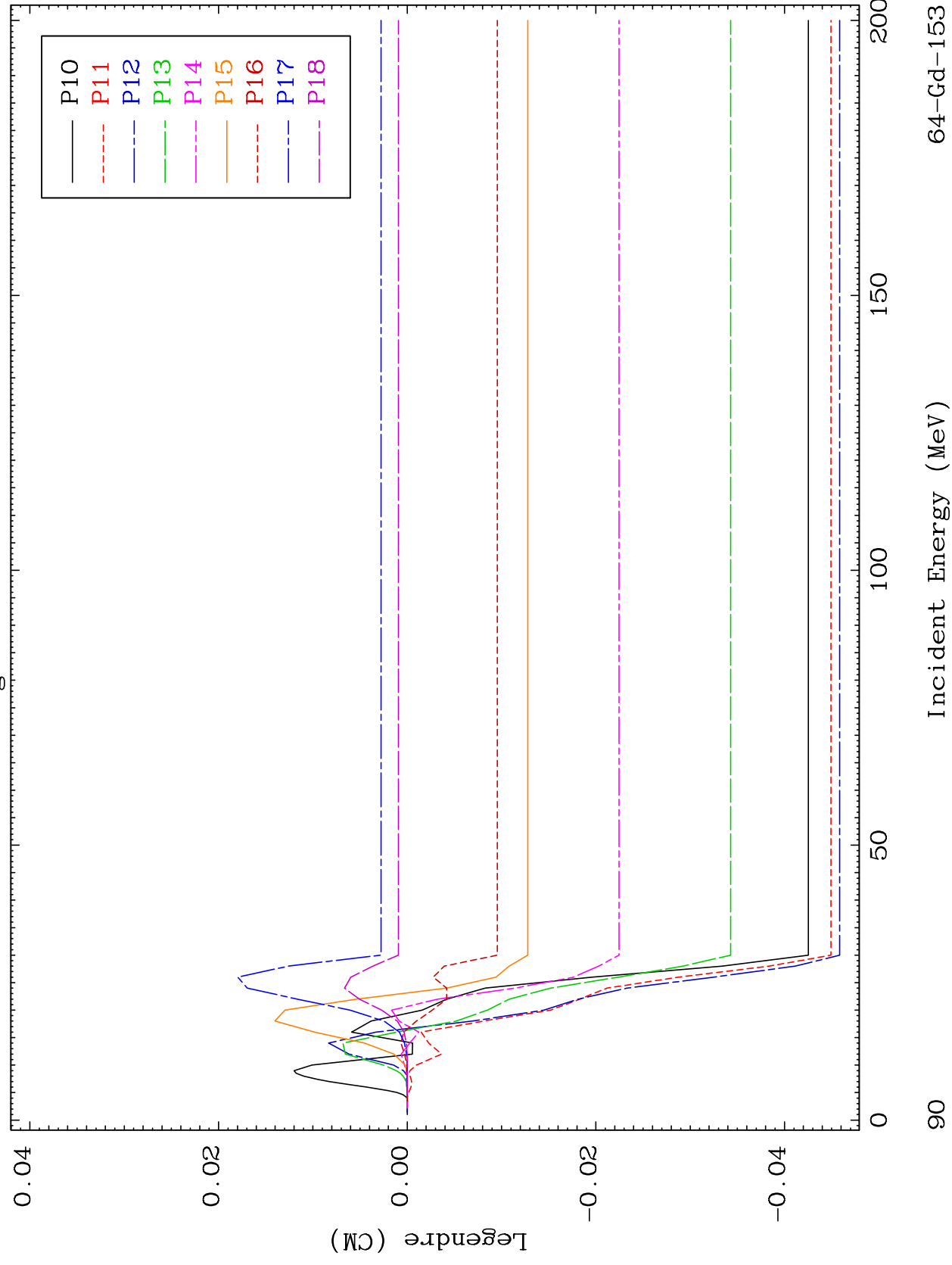




MAT 6428

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

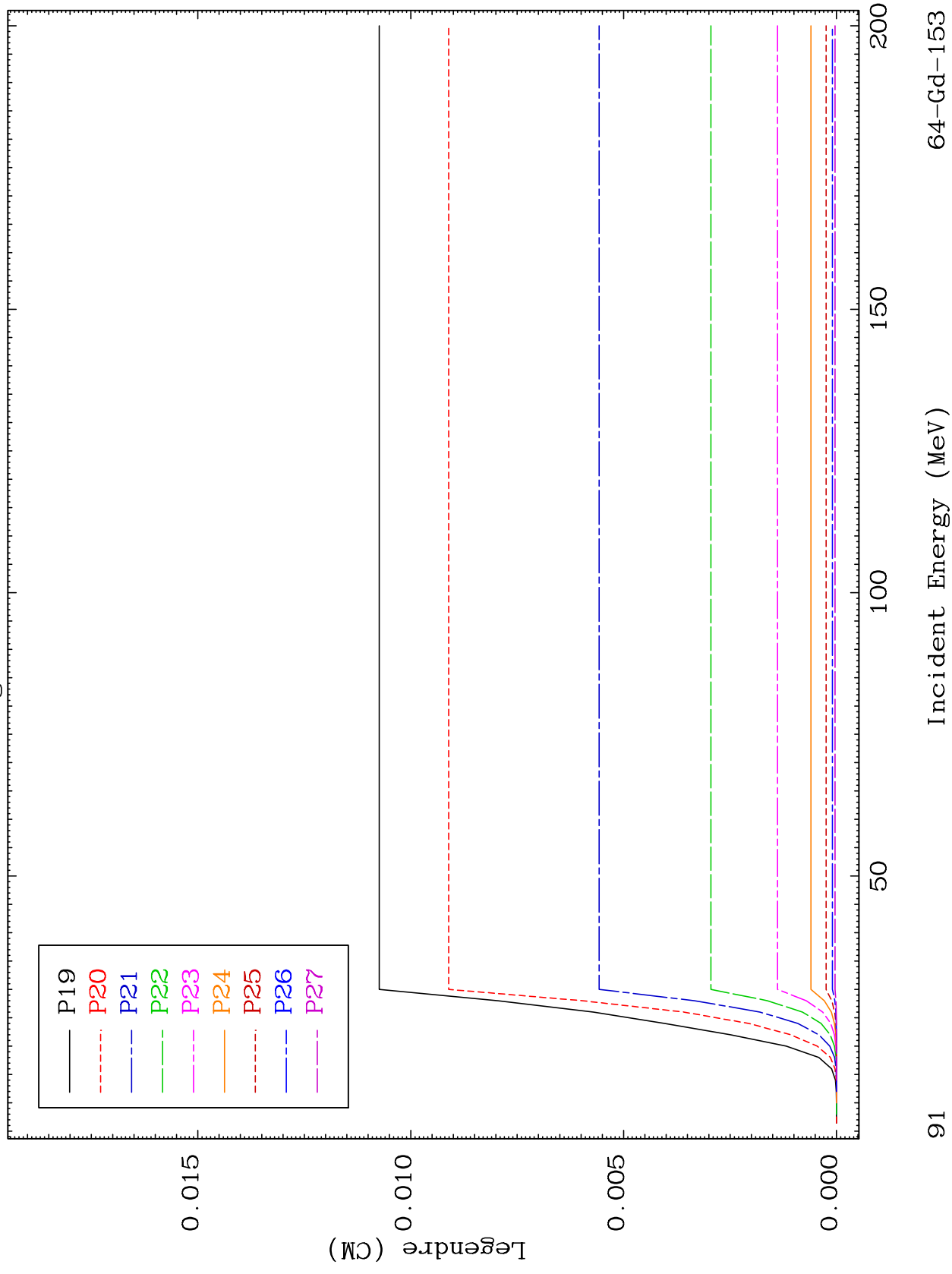
64-Gd-153

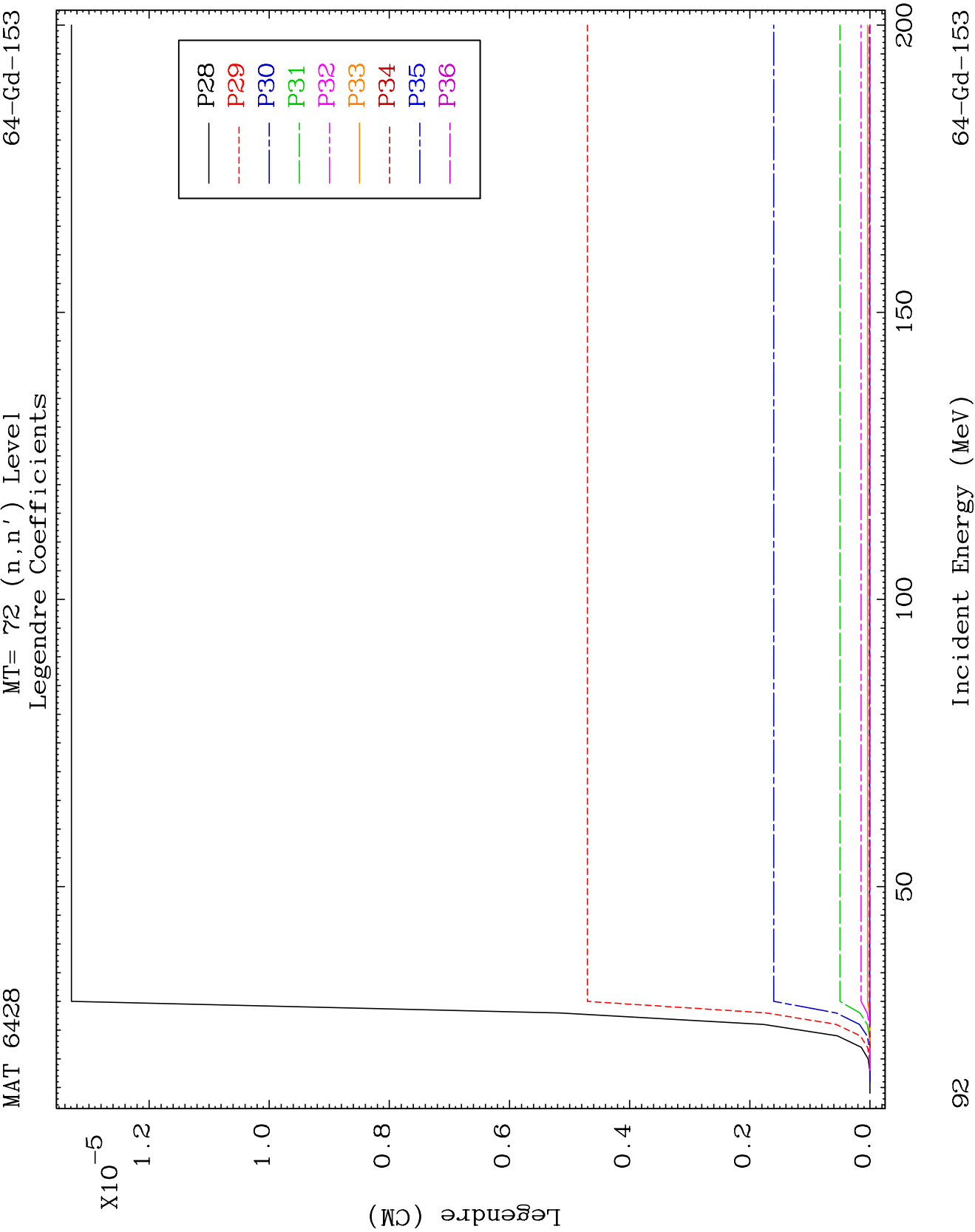


MAT 6428

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

64-Gd-153

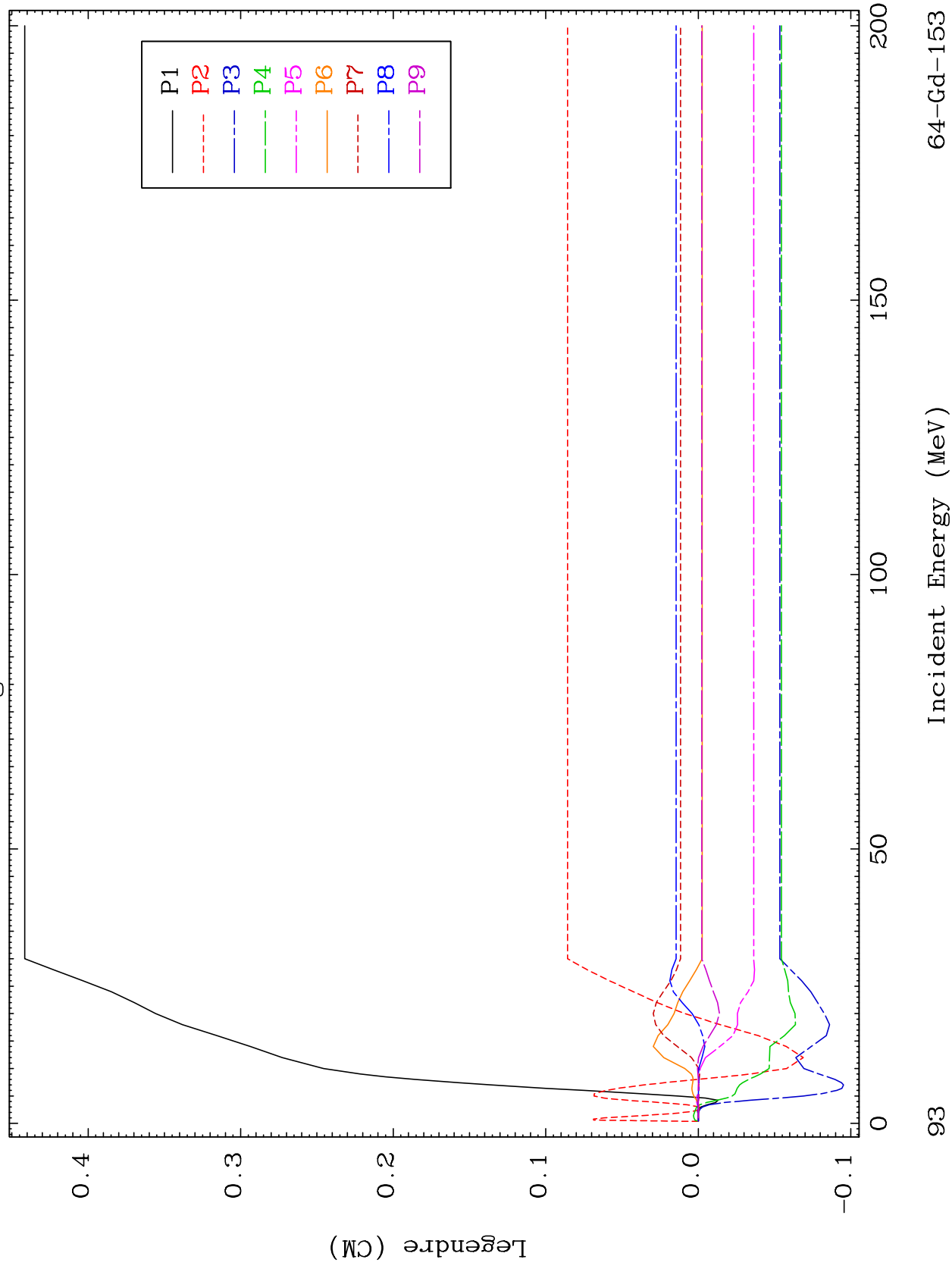




MAT 6428

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

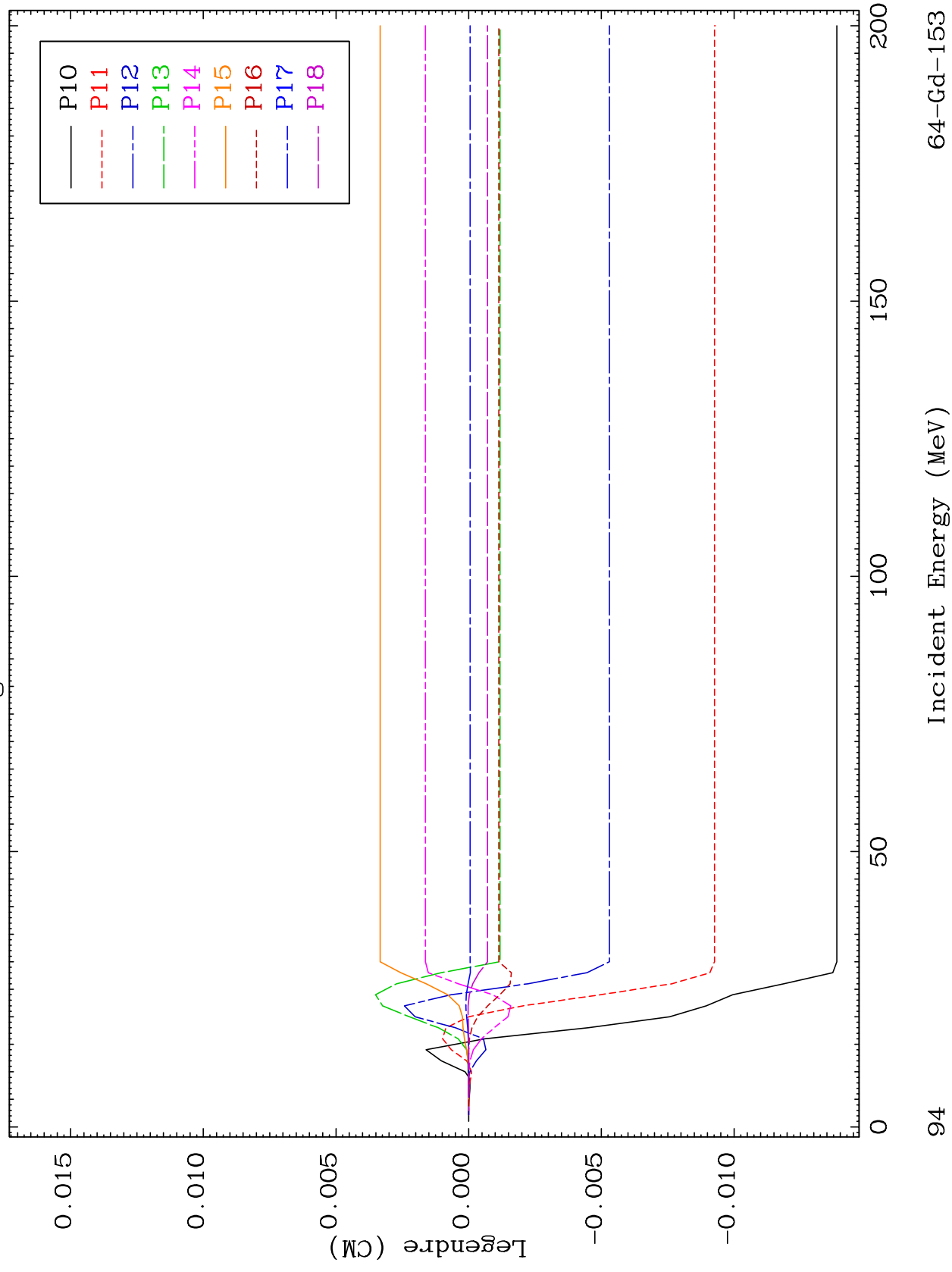
64-Gd-153

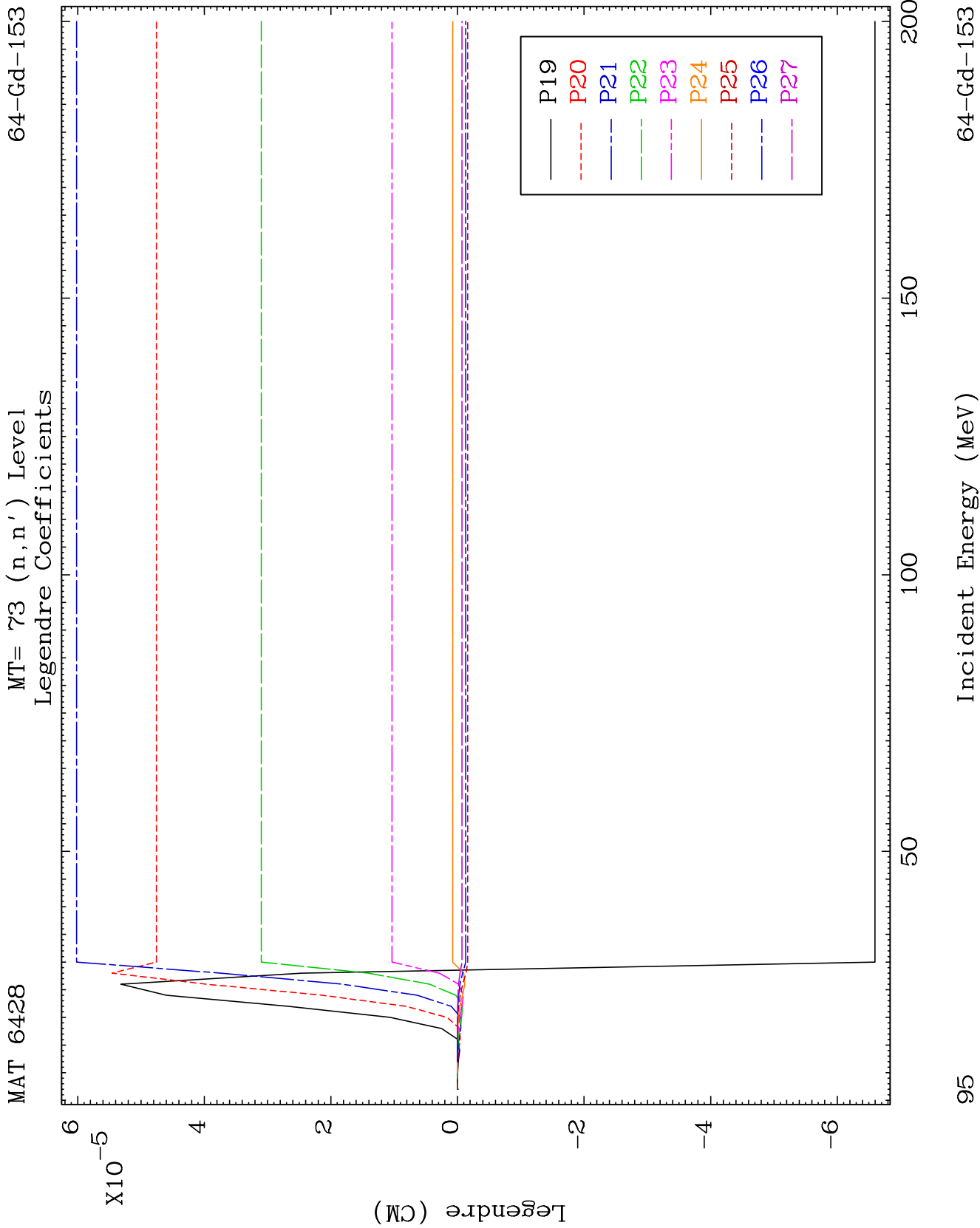


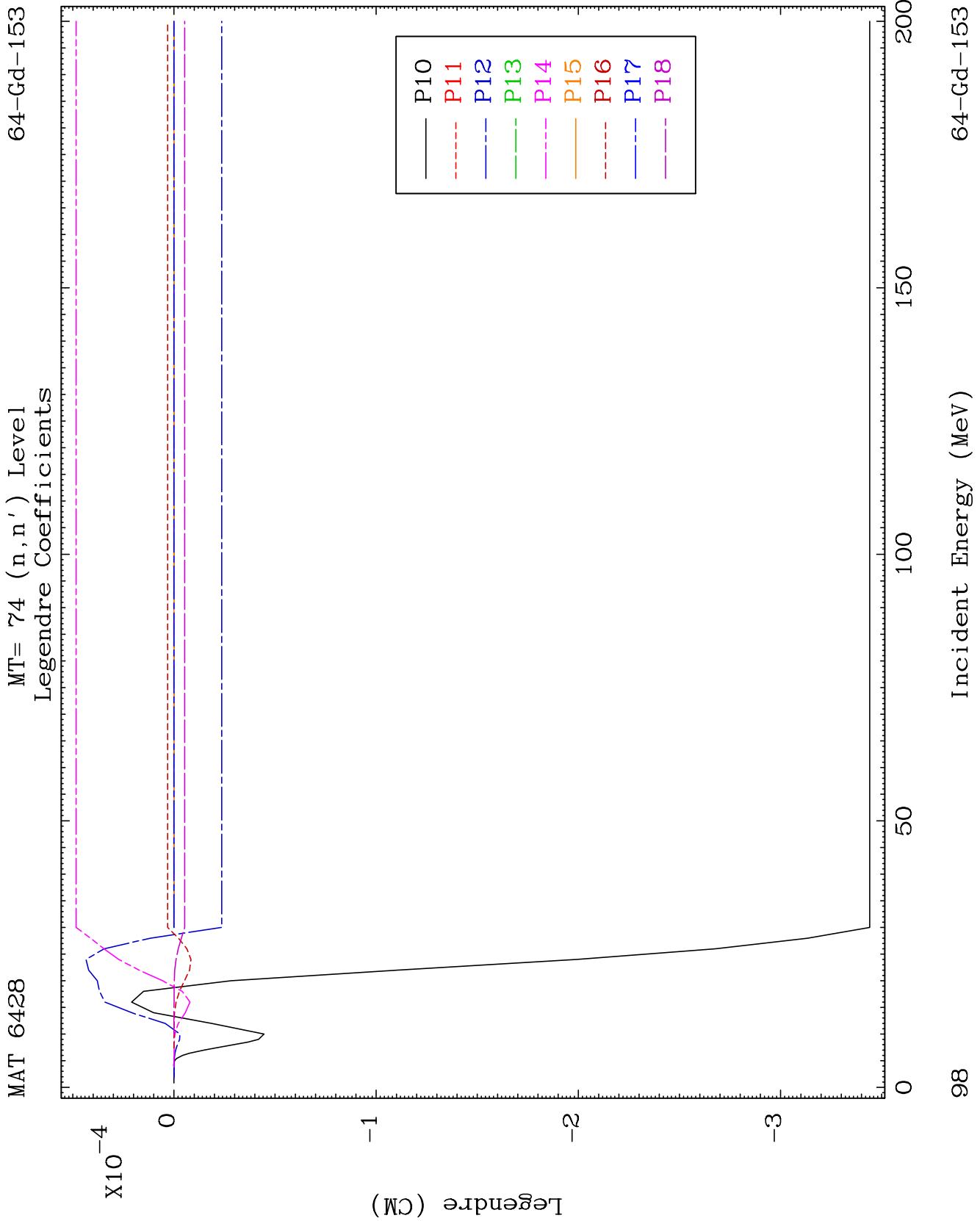
MAT 6428

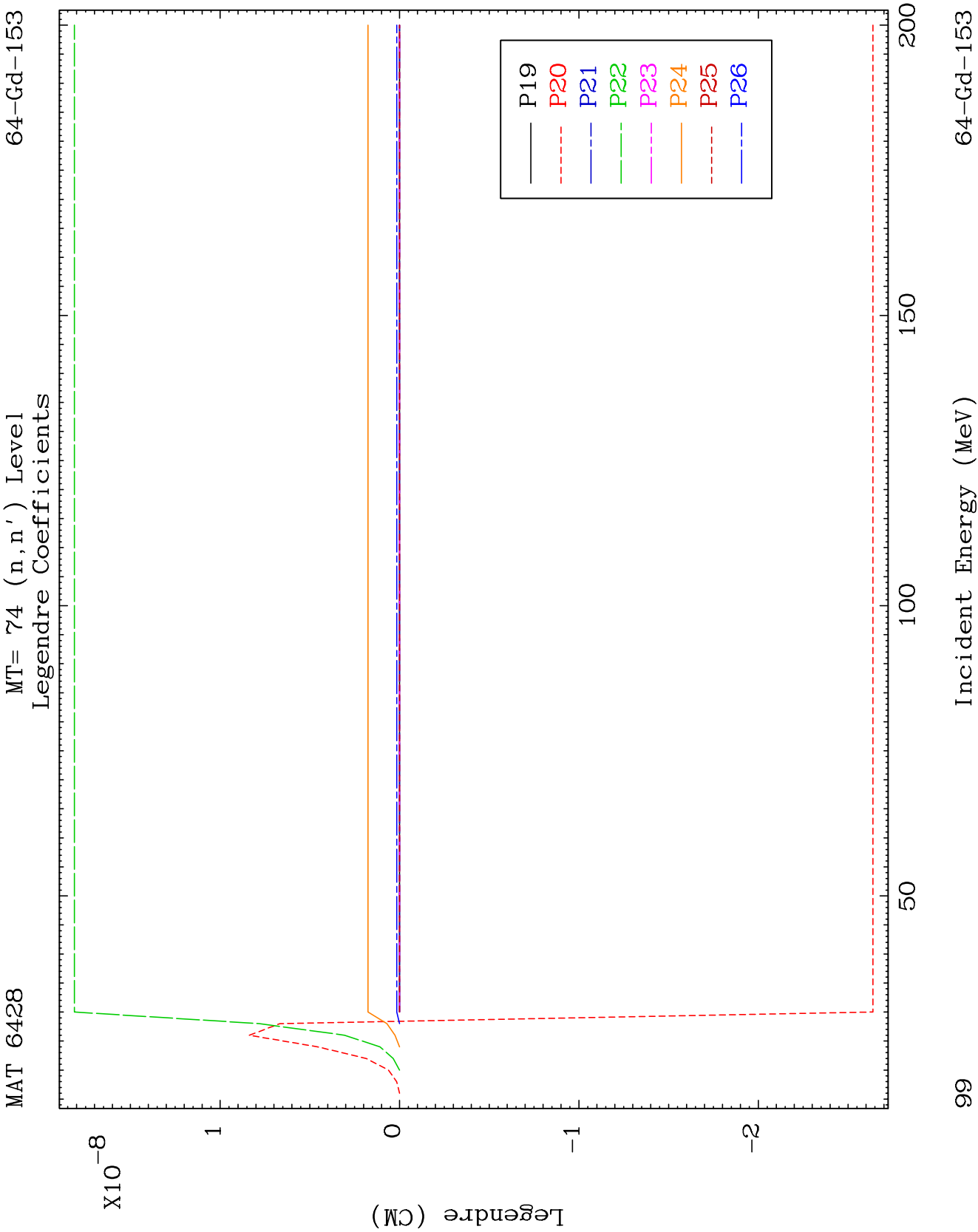
MT= 73 (n, n') Level
Legendre Coefficients

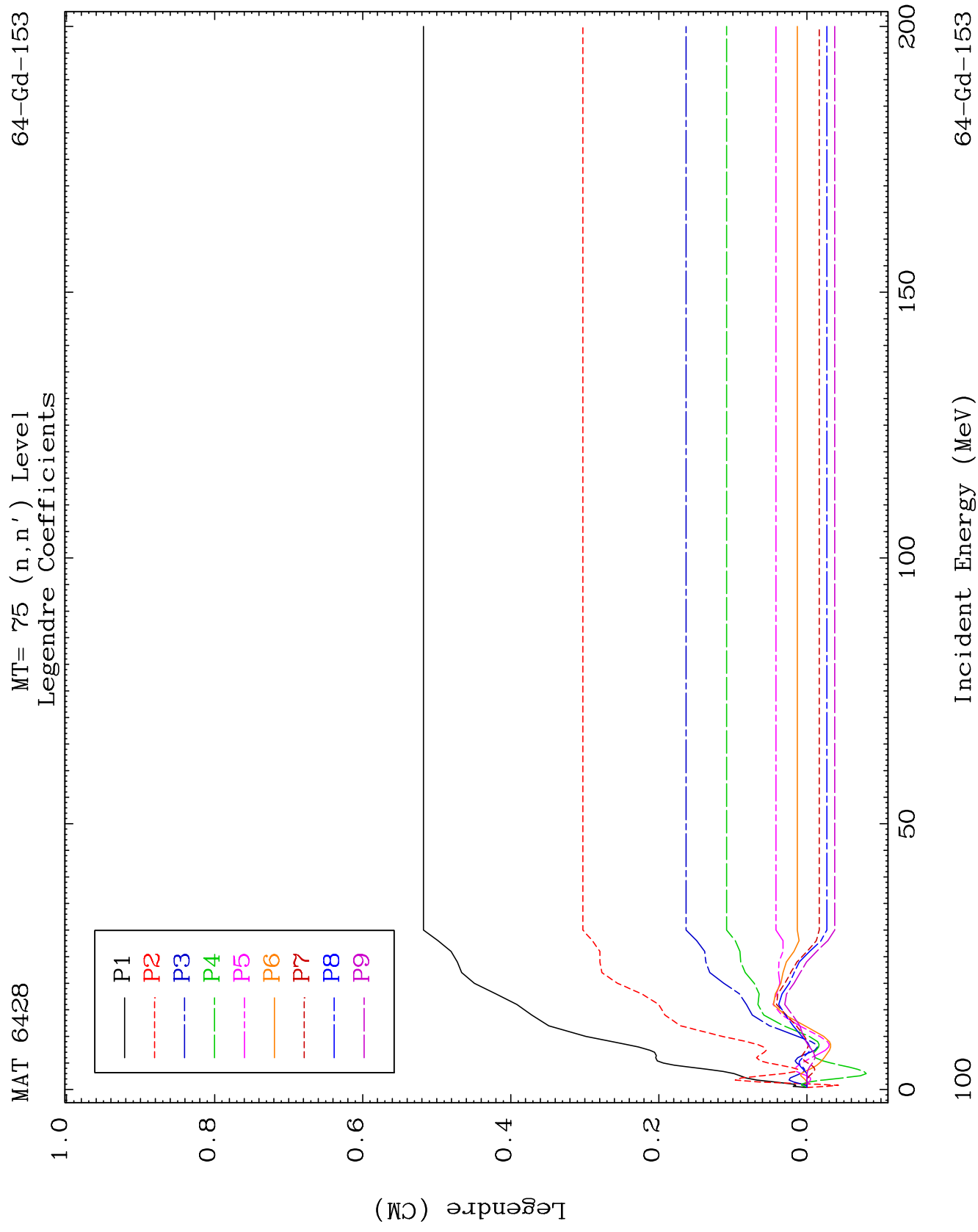
64-Gd-153







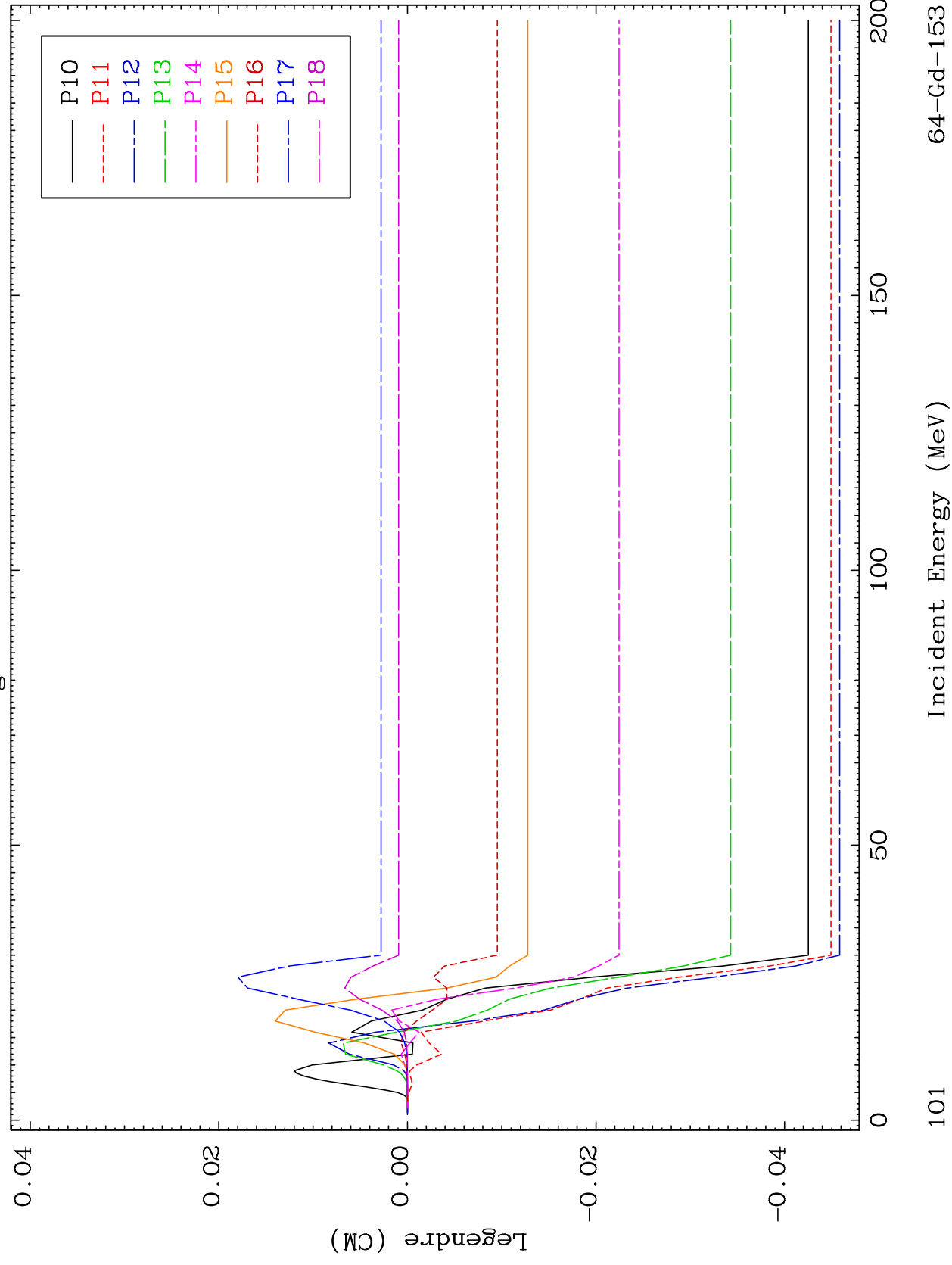


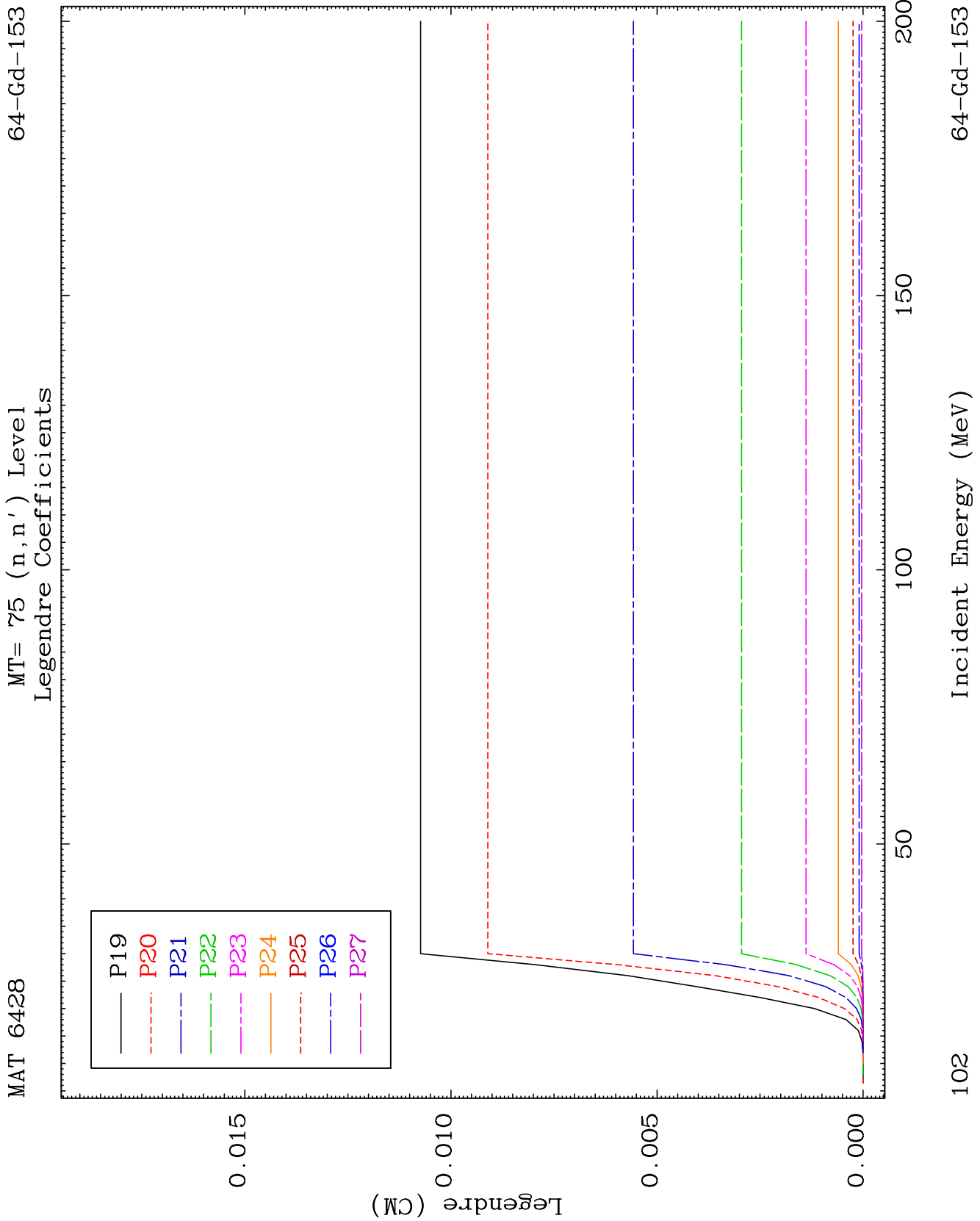


MAT 6428

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

64-Gd-153

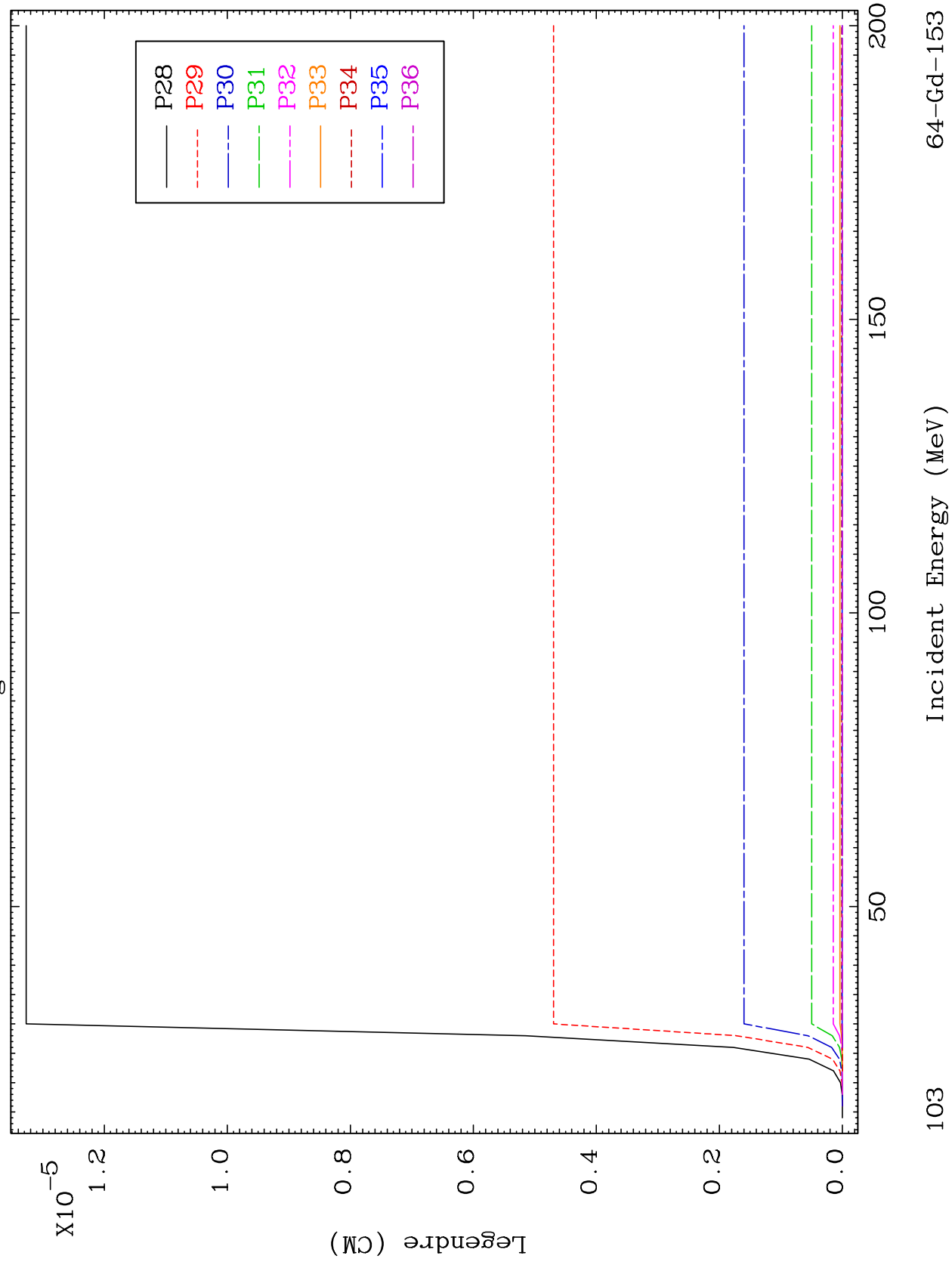


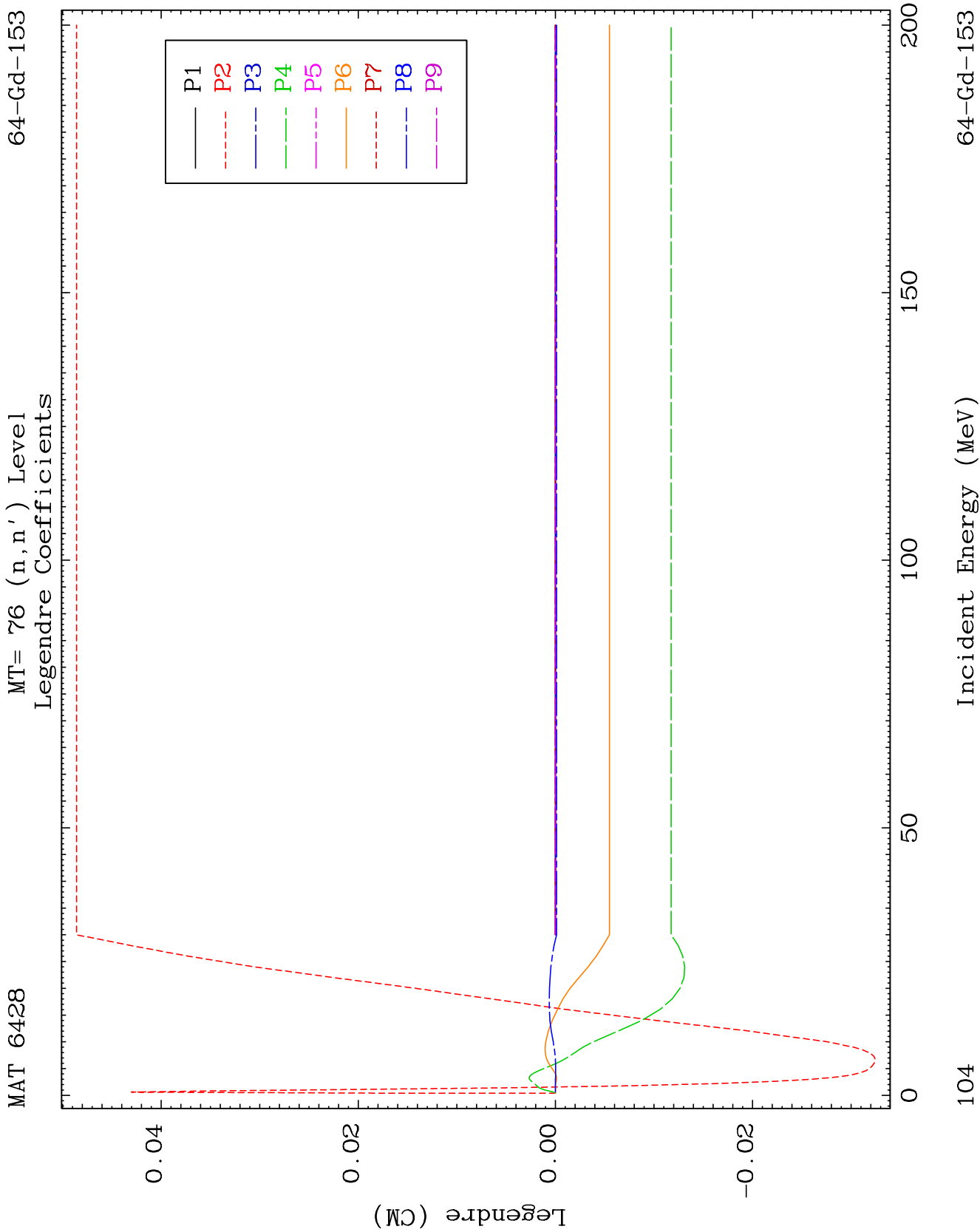


MAT 6428

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

64-Gd-153

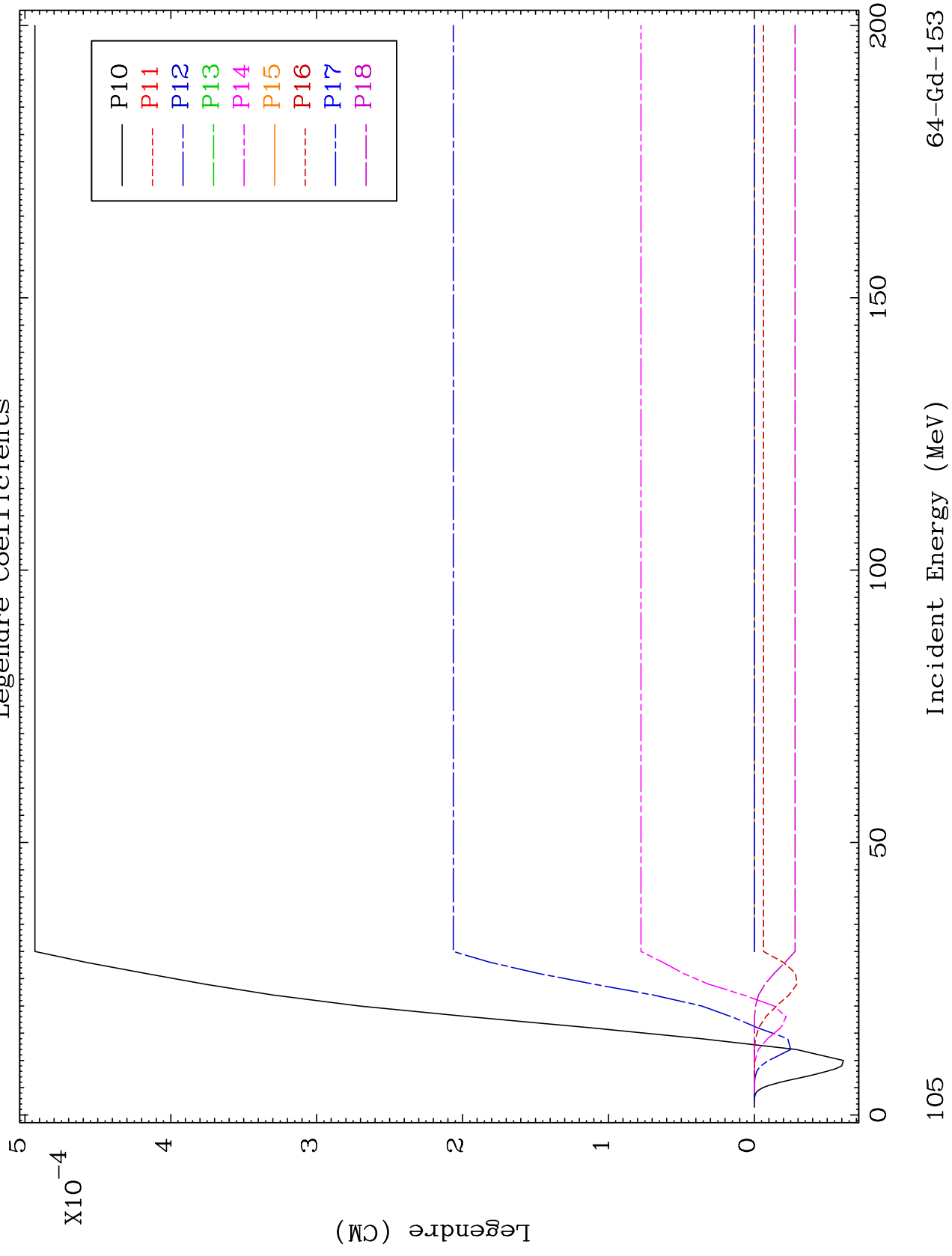


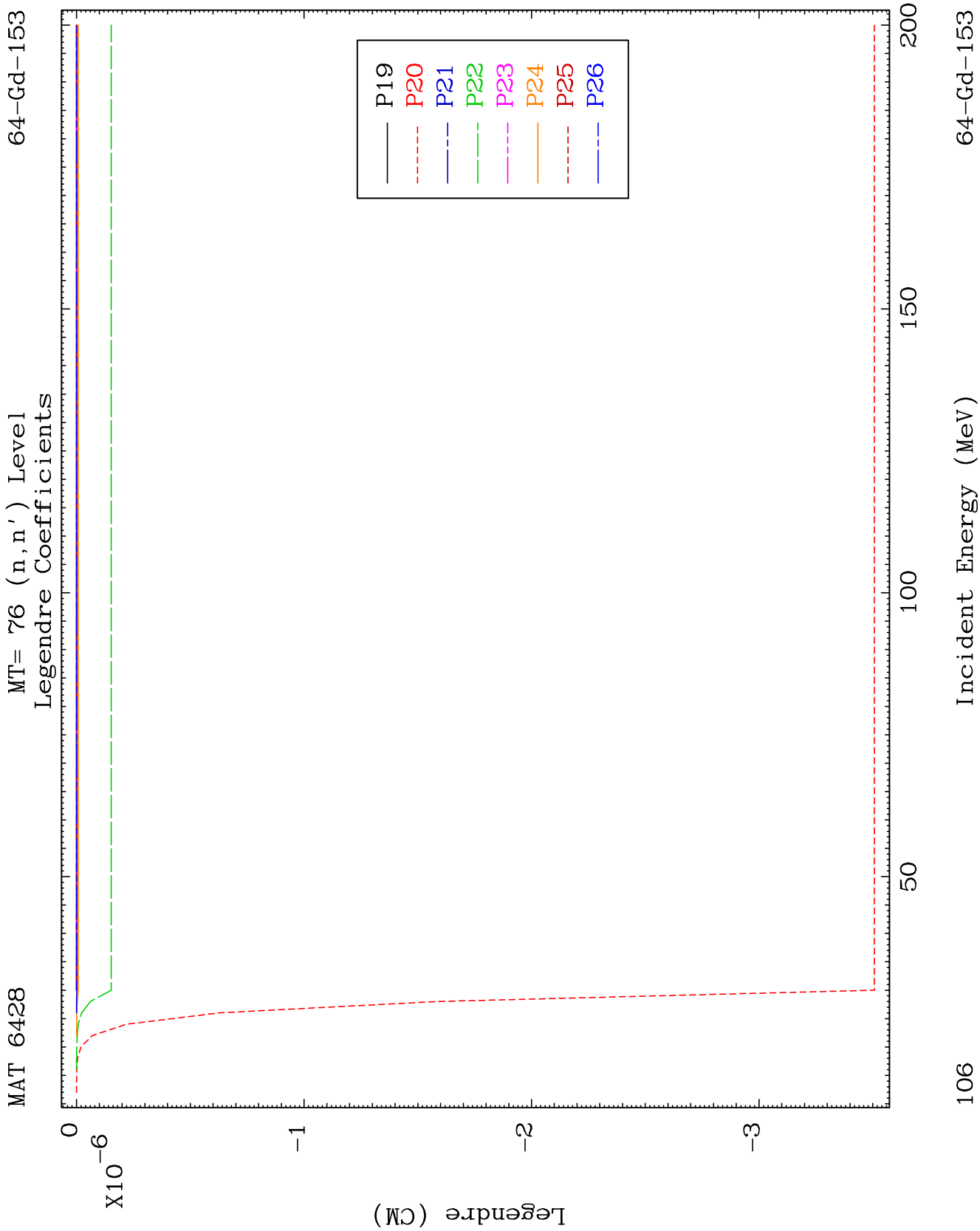


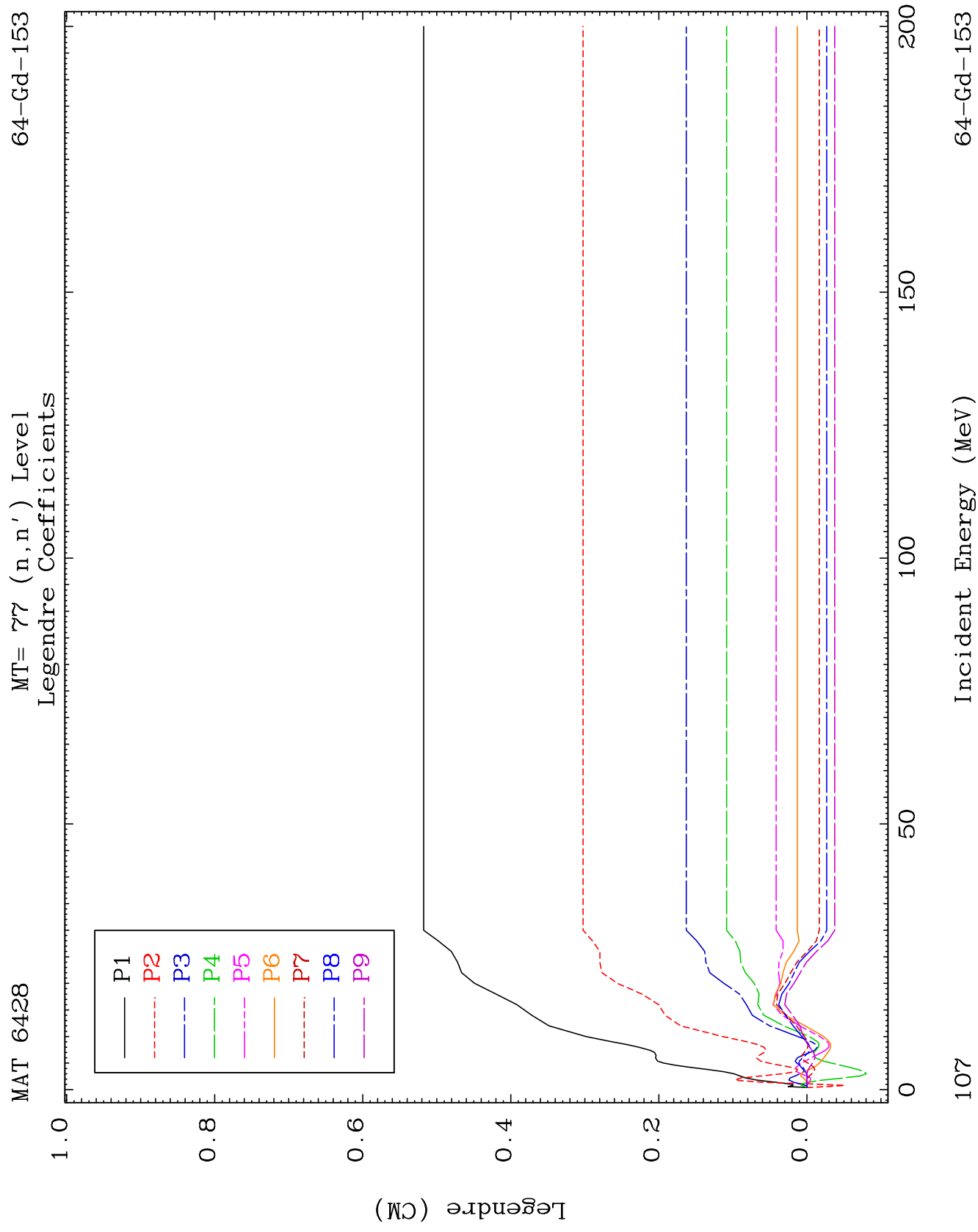
MAT 6428

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

64-Gd-153



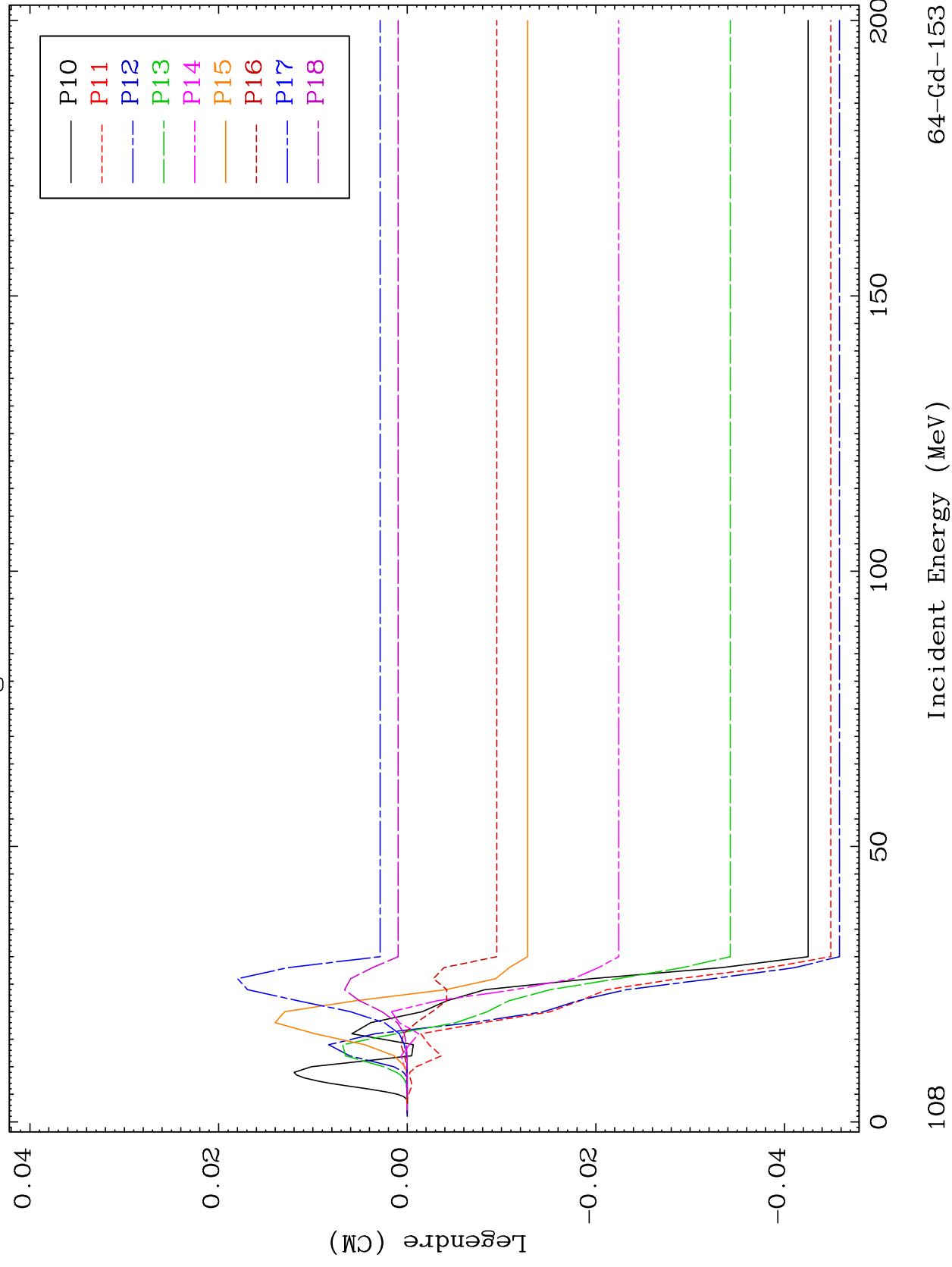




MAT 6428

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

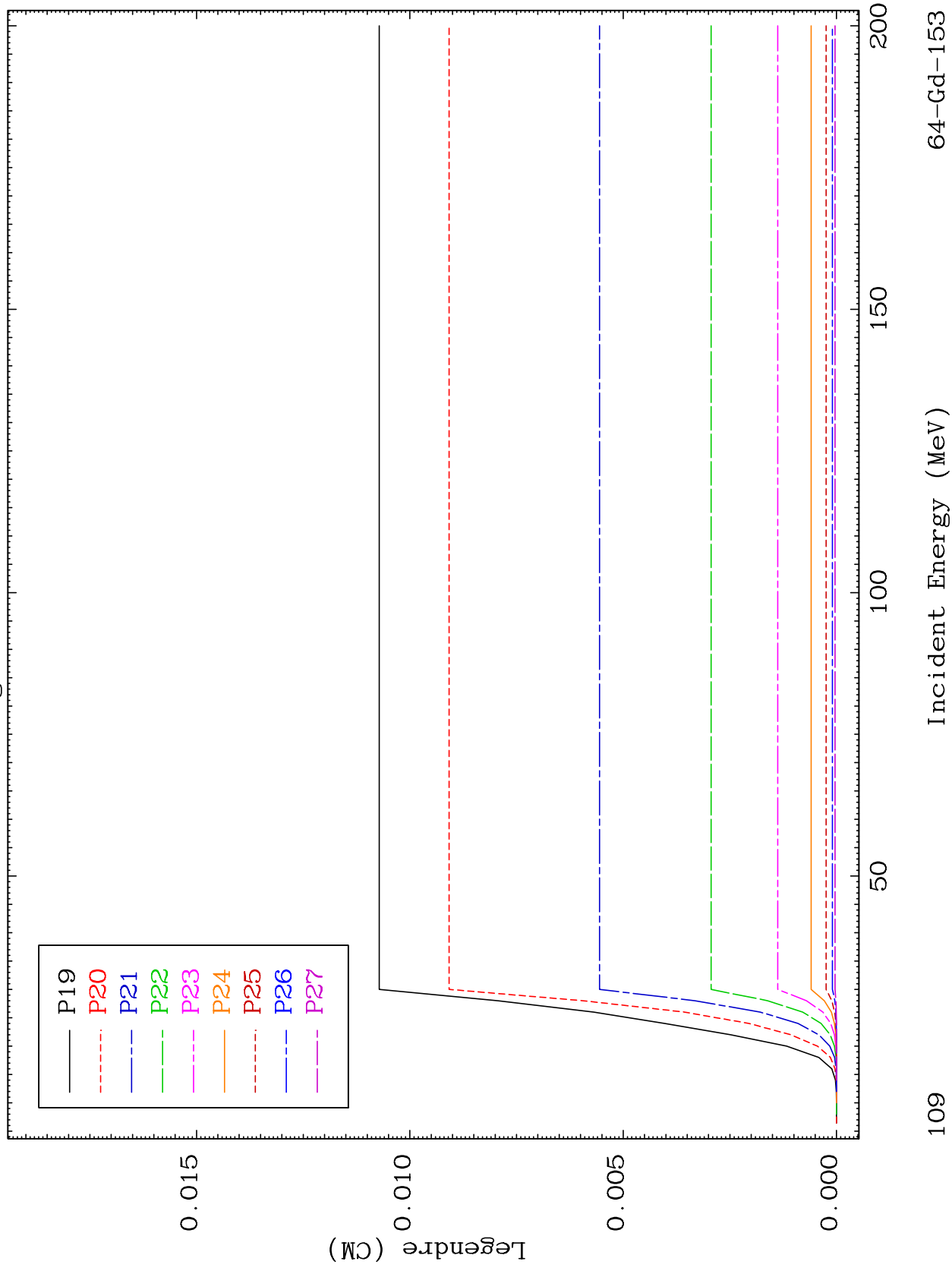
64-Gd-153



MAT 6428

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

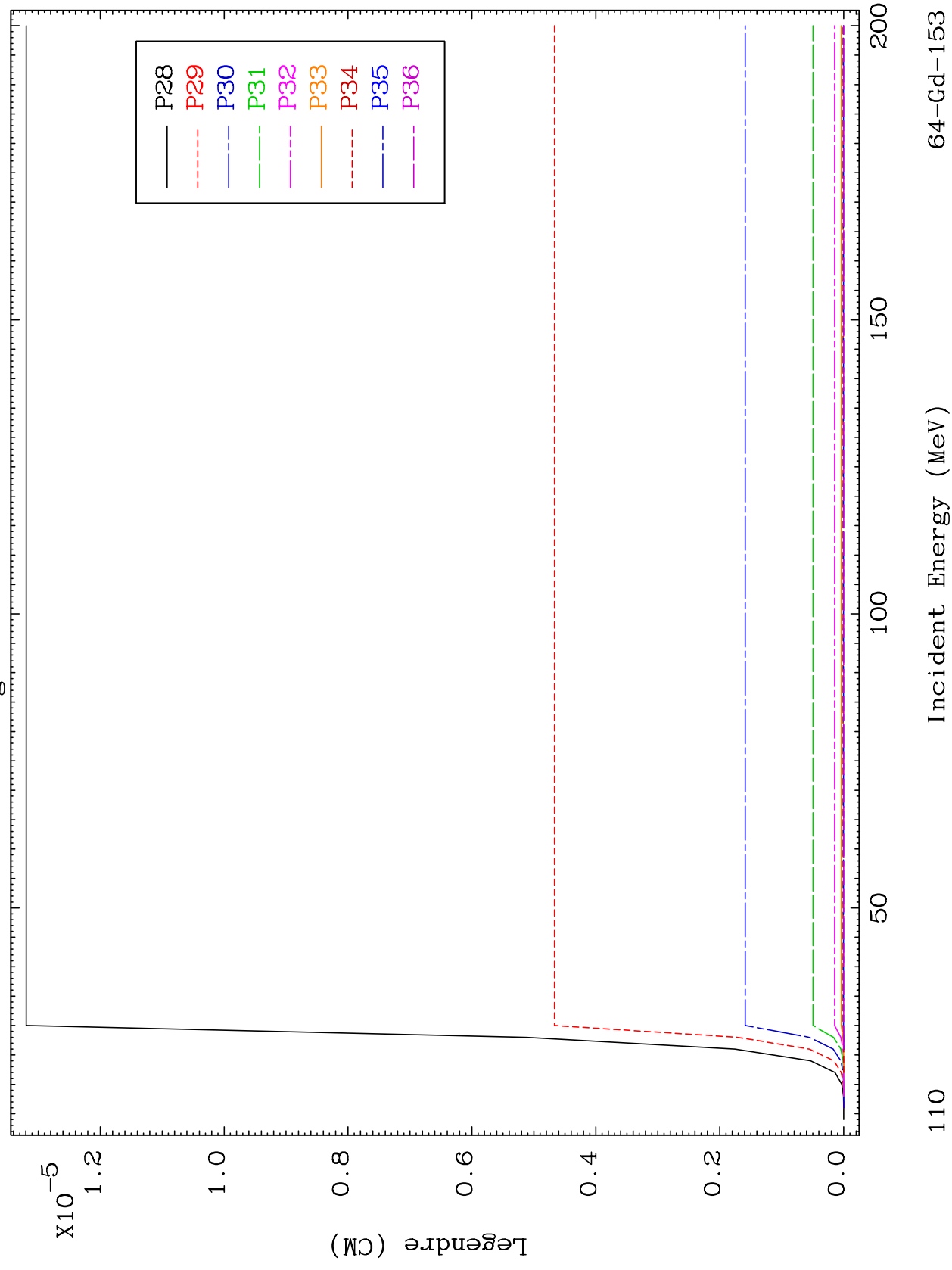
64-Gd-153



MAT 6428

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

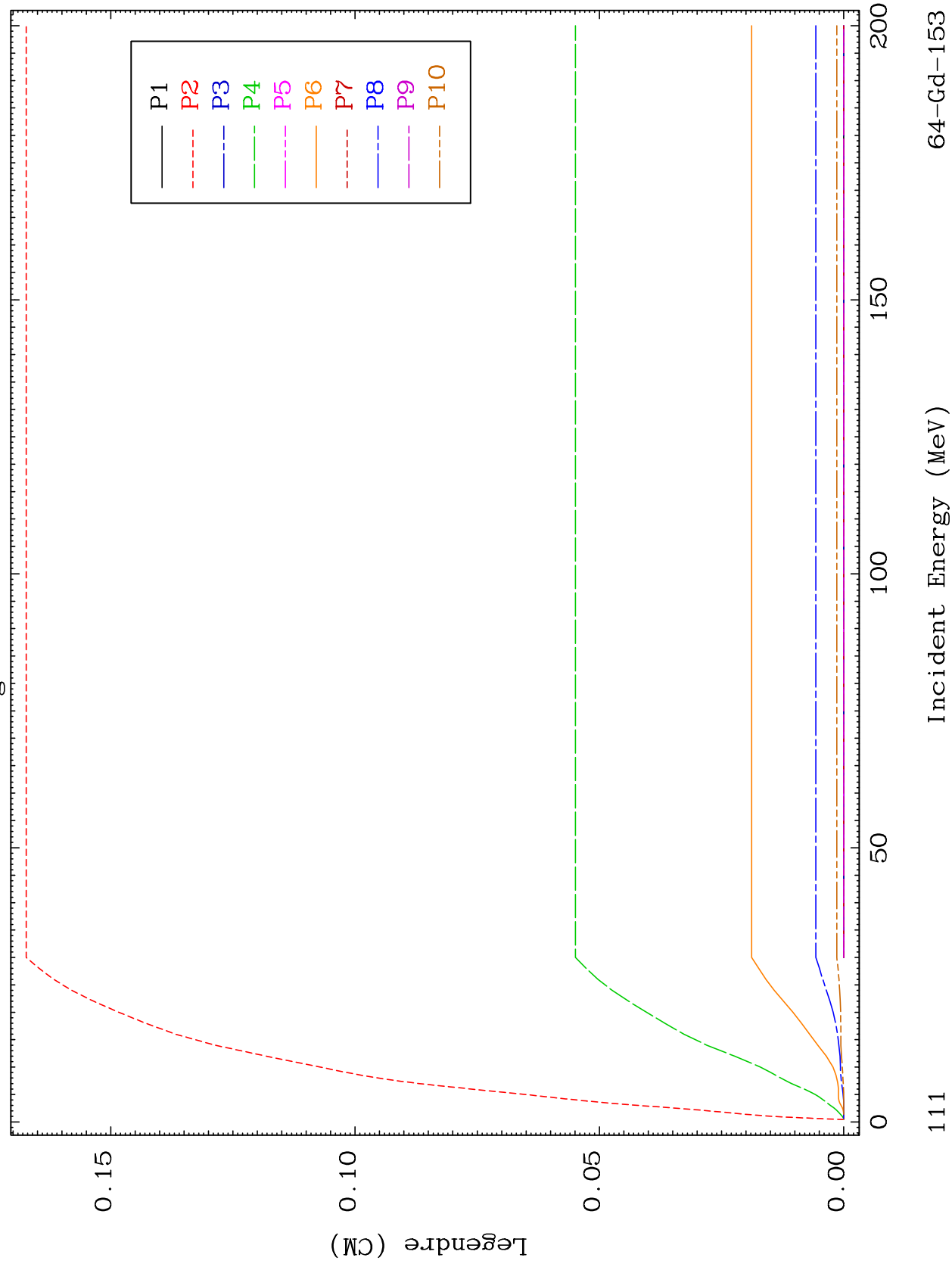
64-Gd-153



MAT 6428

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

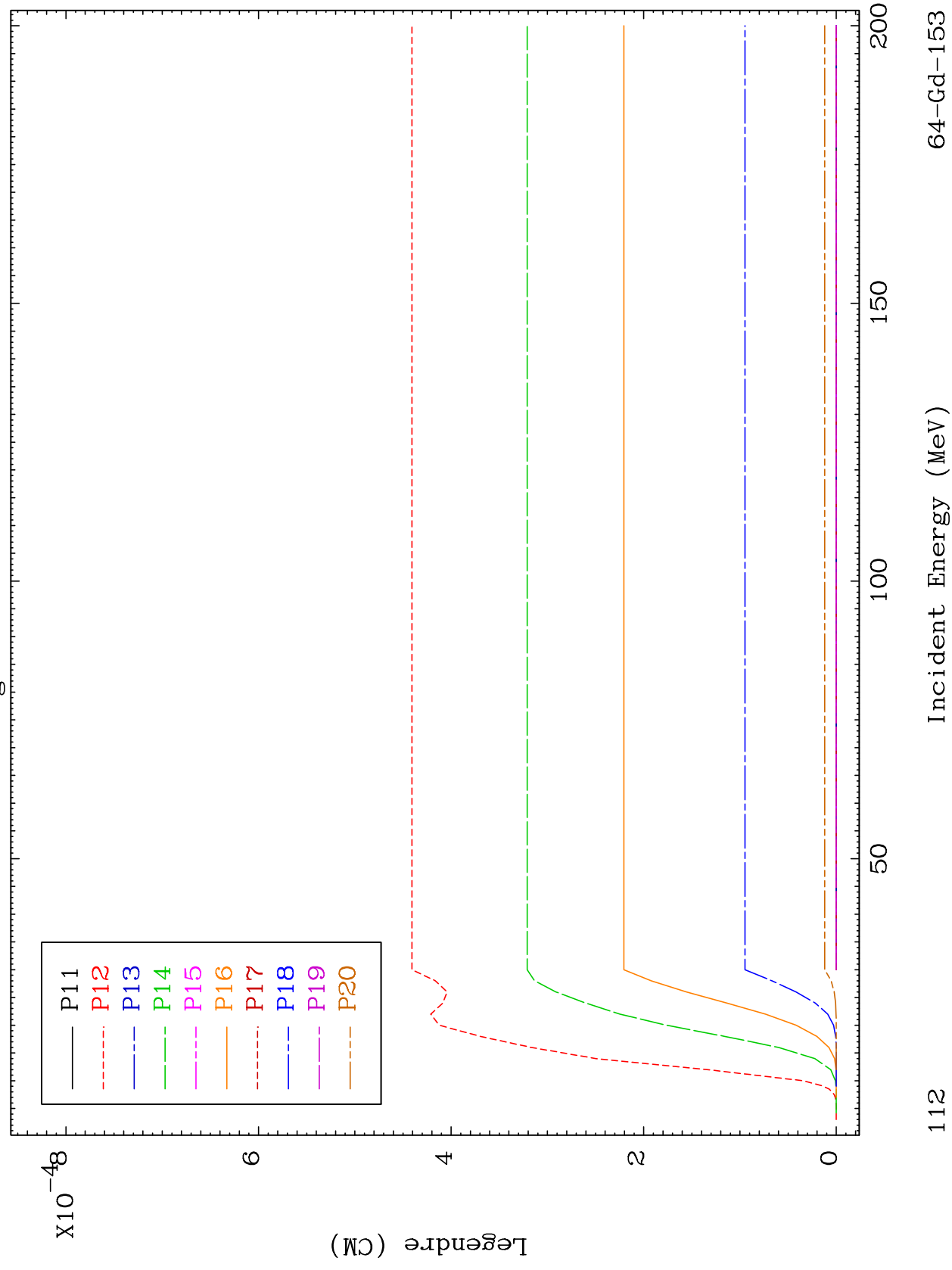
64-Gd-153

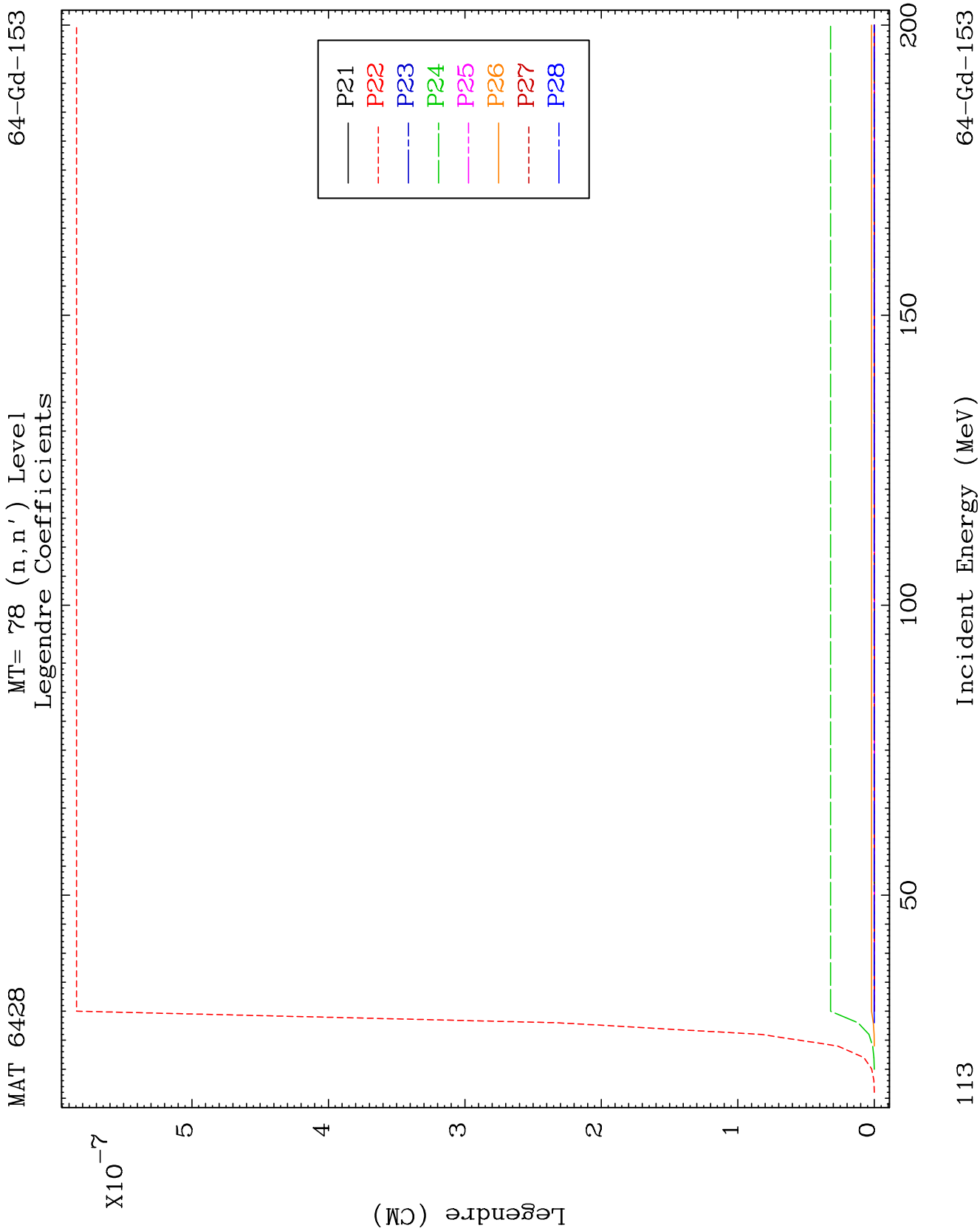


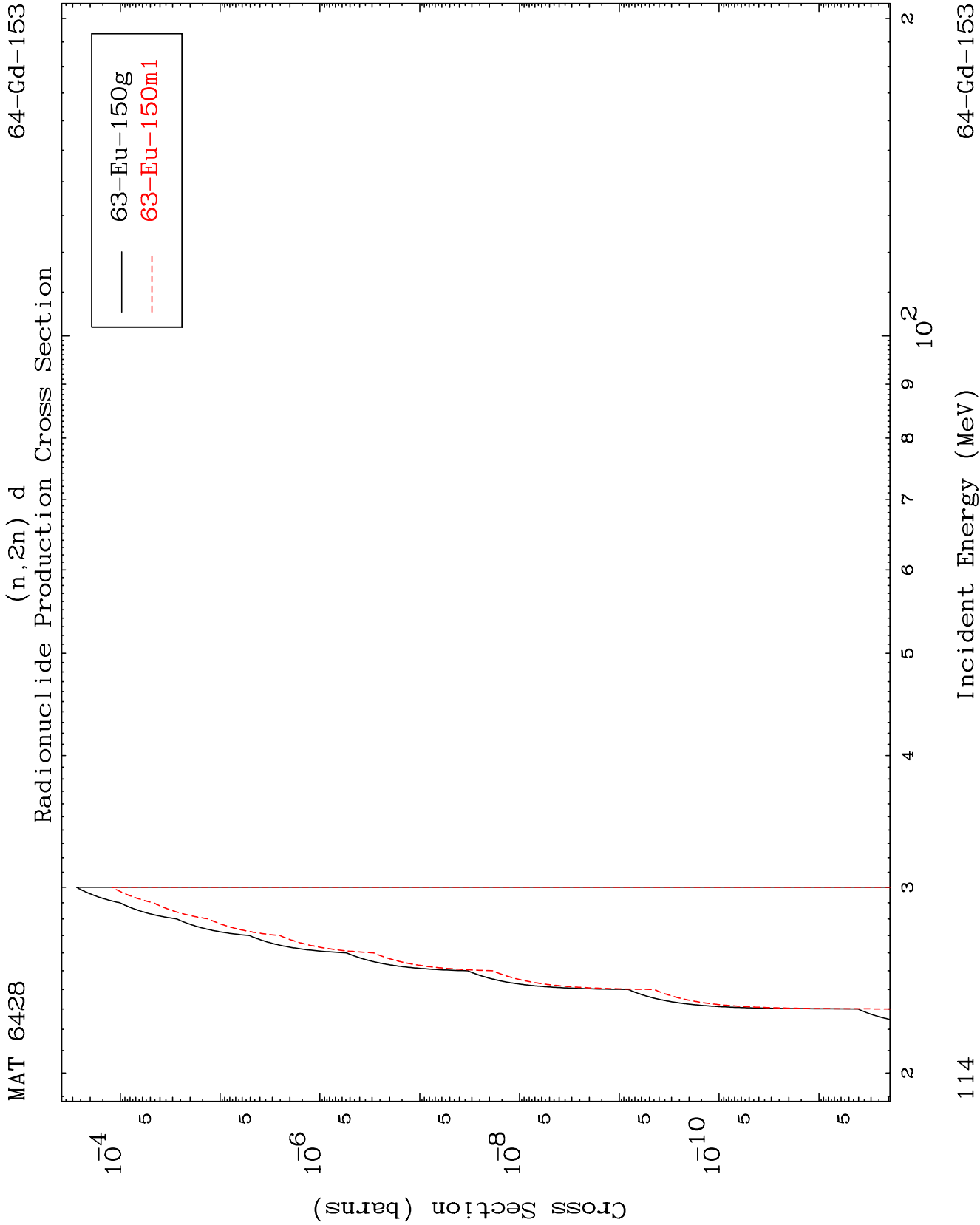
MAT 6428

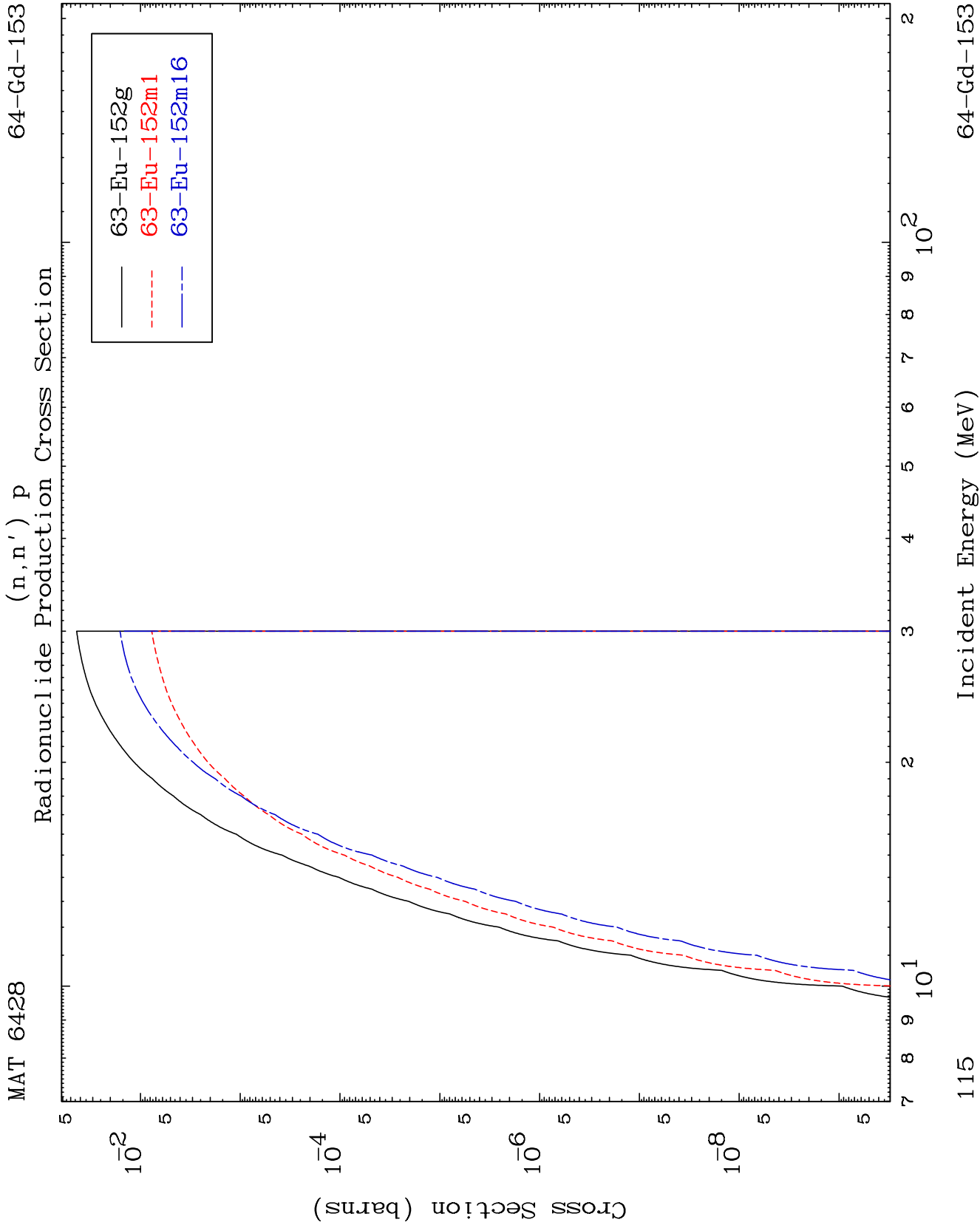
MT= 78 (n, n') Level
Legendre Coefficients

64-Gd-153

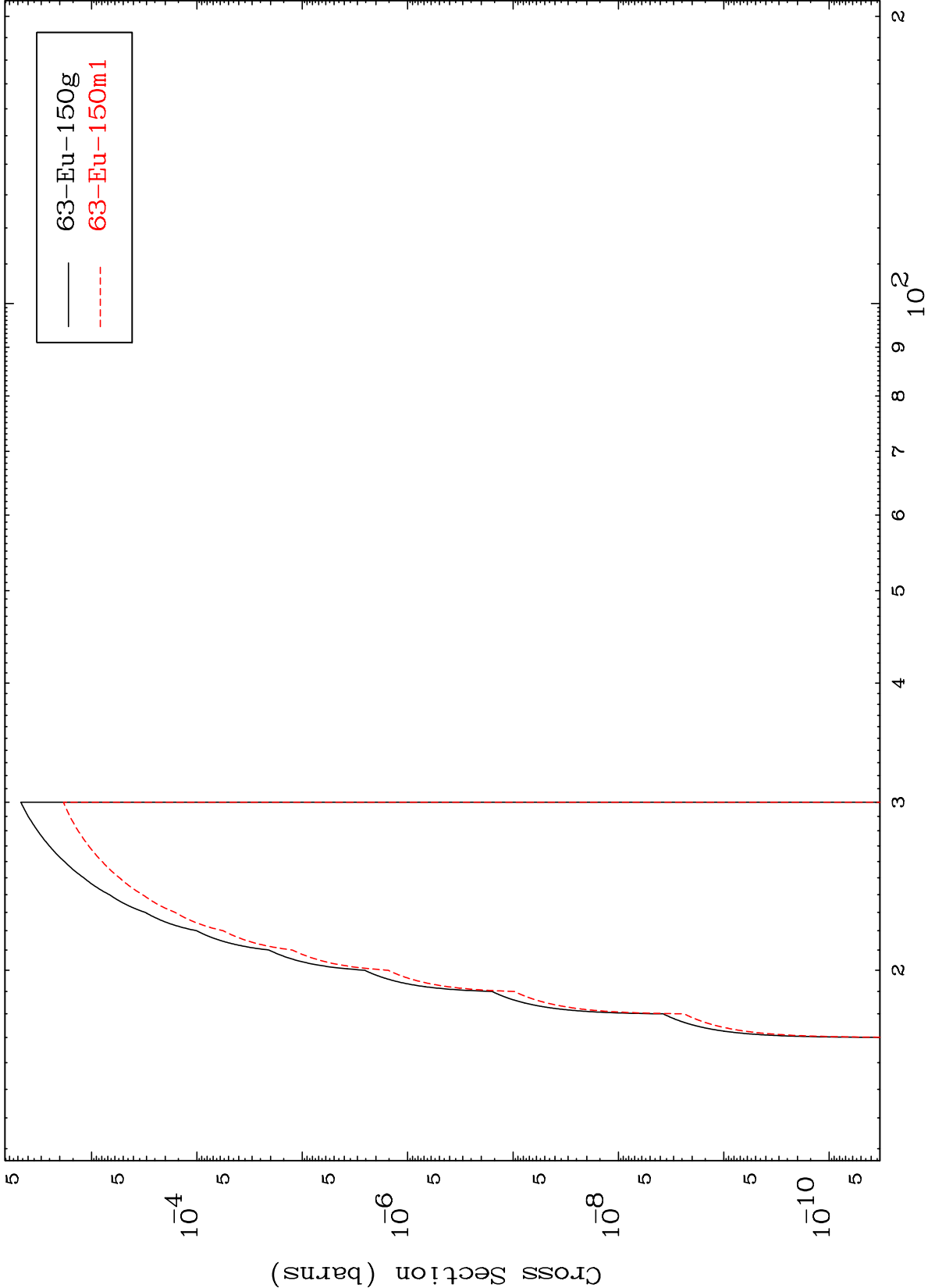




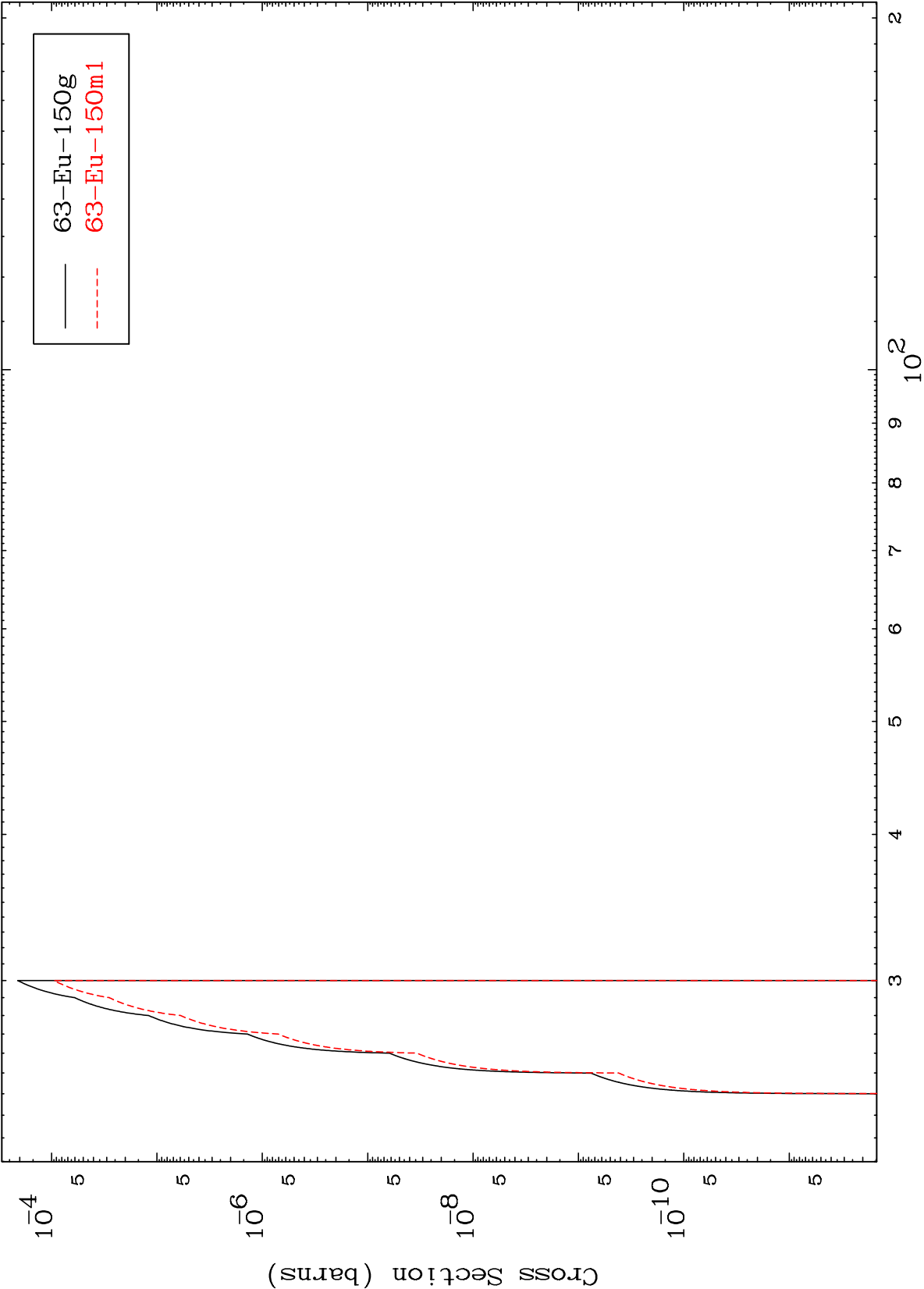




Radionuclide Production Cross Section



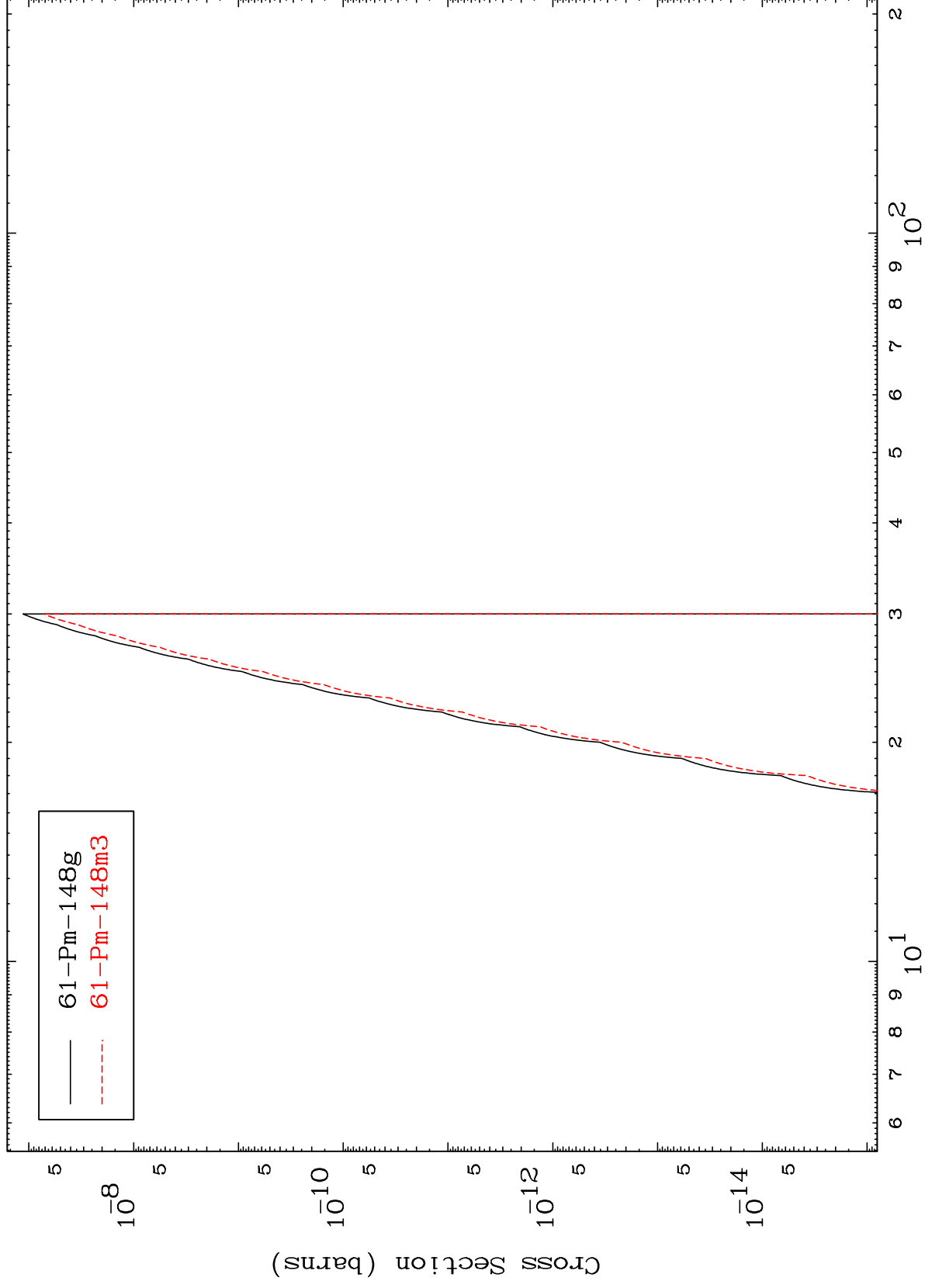
(n,3n) p
Radionuclide Production Cross Section



MAT 6428

64-Gd-153

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



118

Incident Energy (MeV)

64-Gd-153

