

Program EVALPLOT
(Version 2021-1)

by

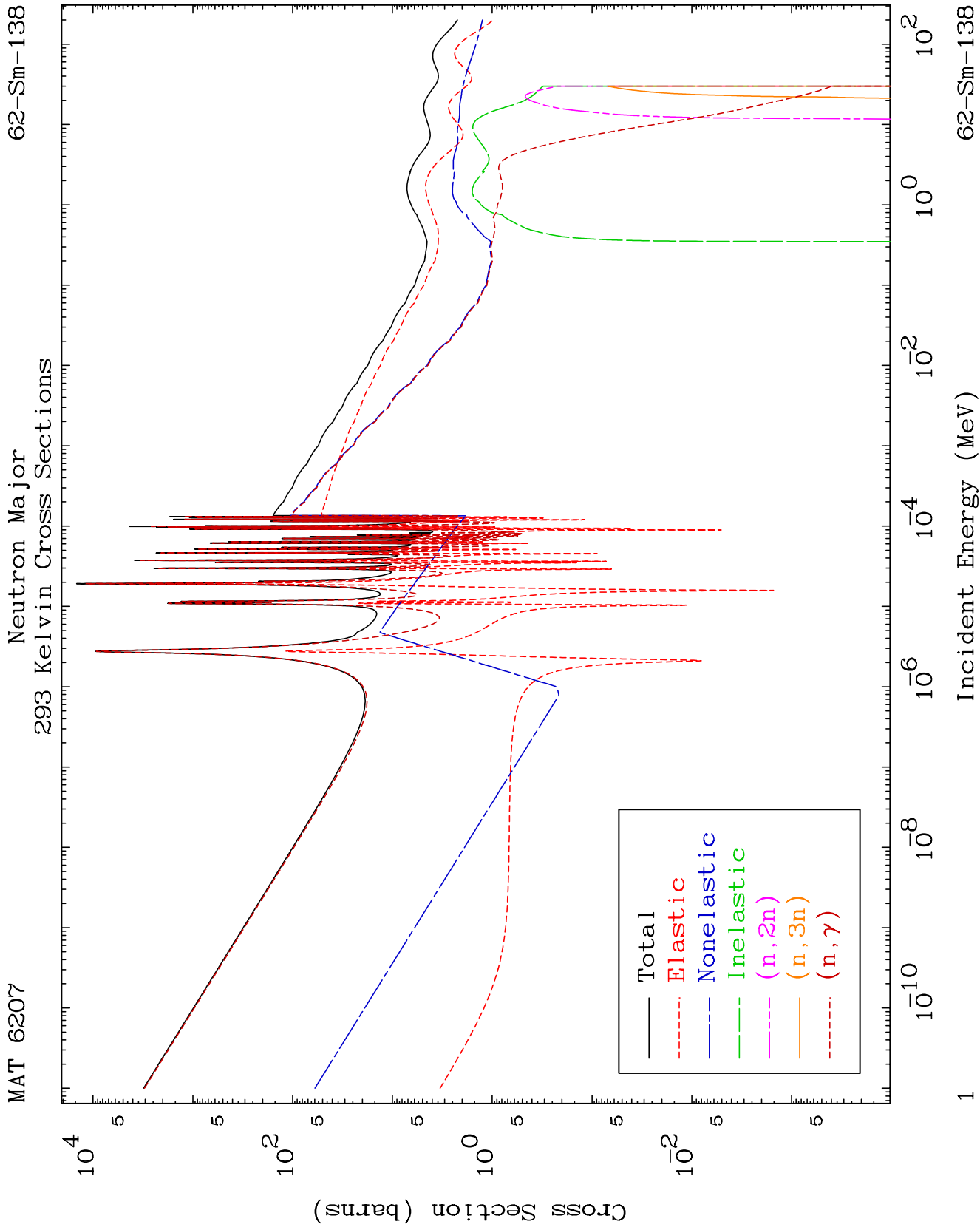
Dermott E. Cullen
(Present Contact Information)

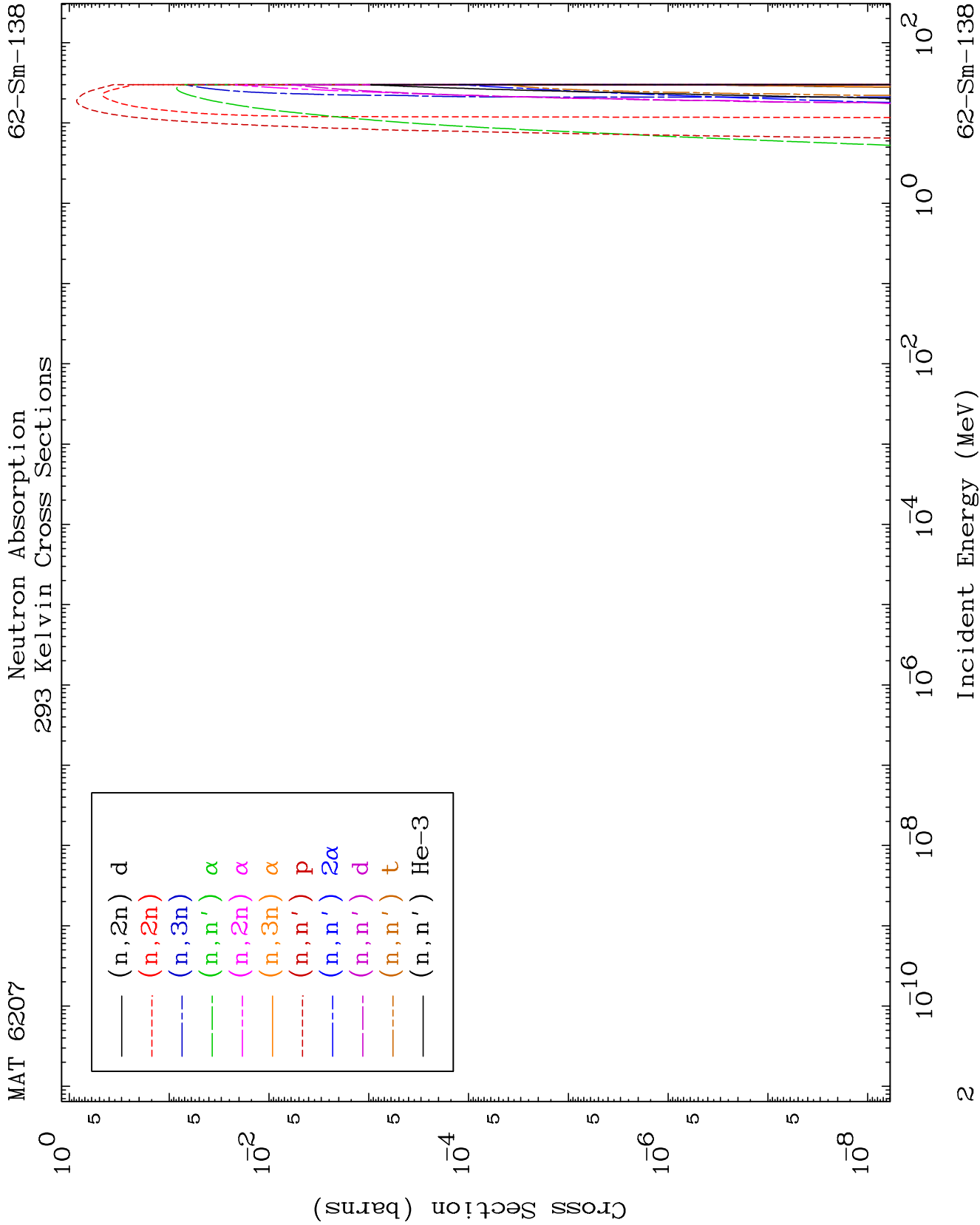
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

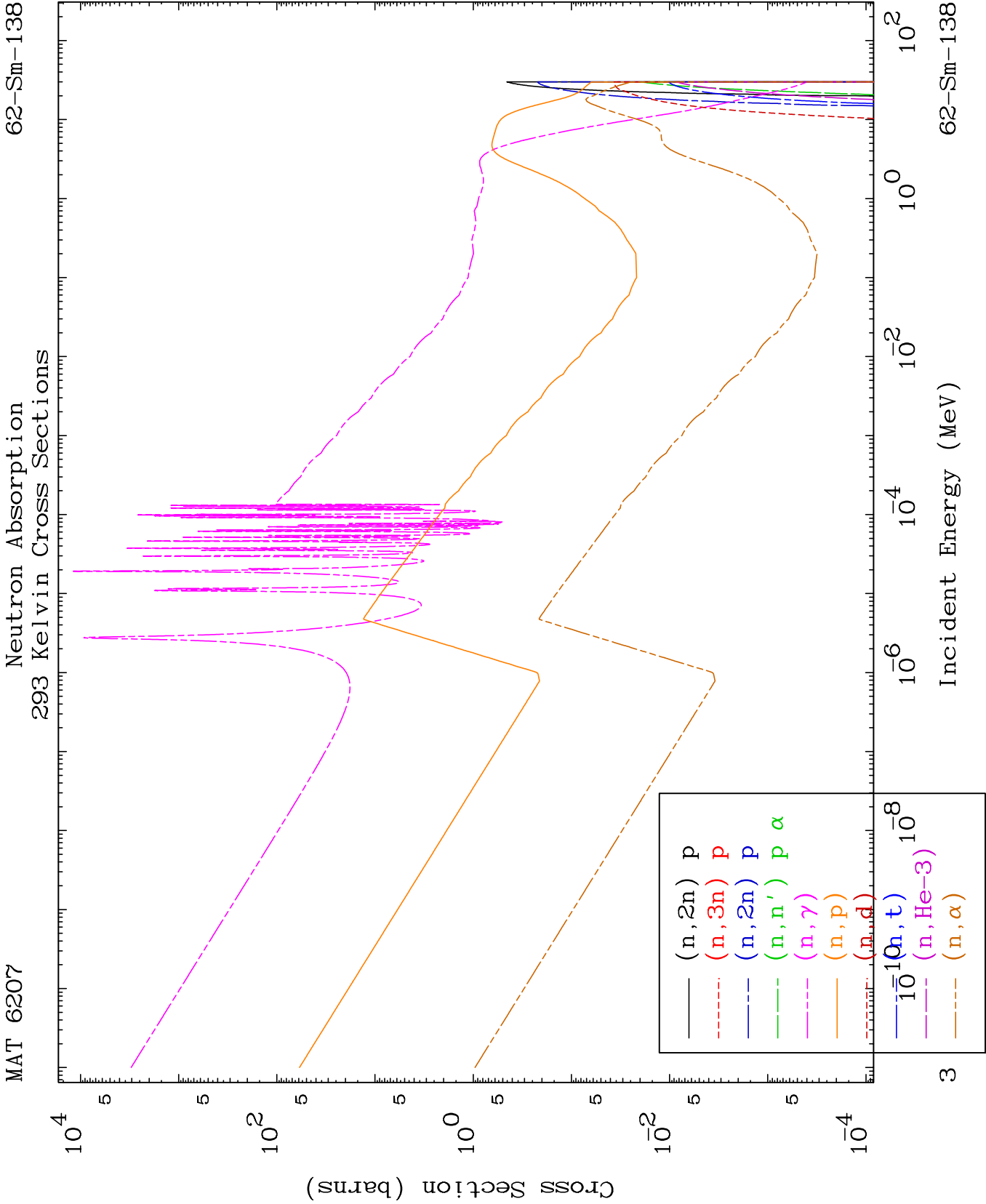
Tele: 925-443-1911

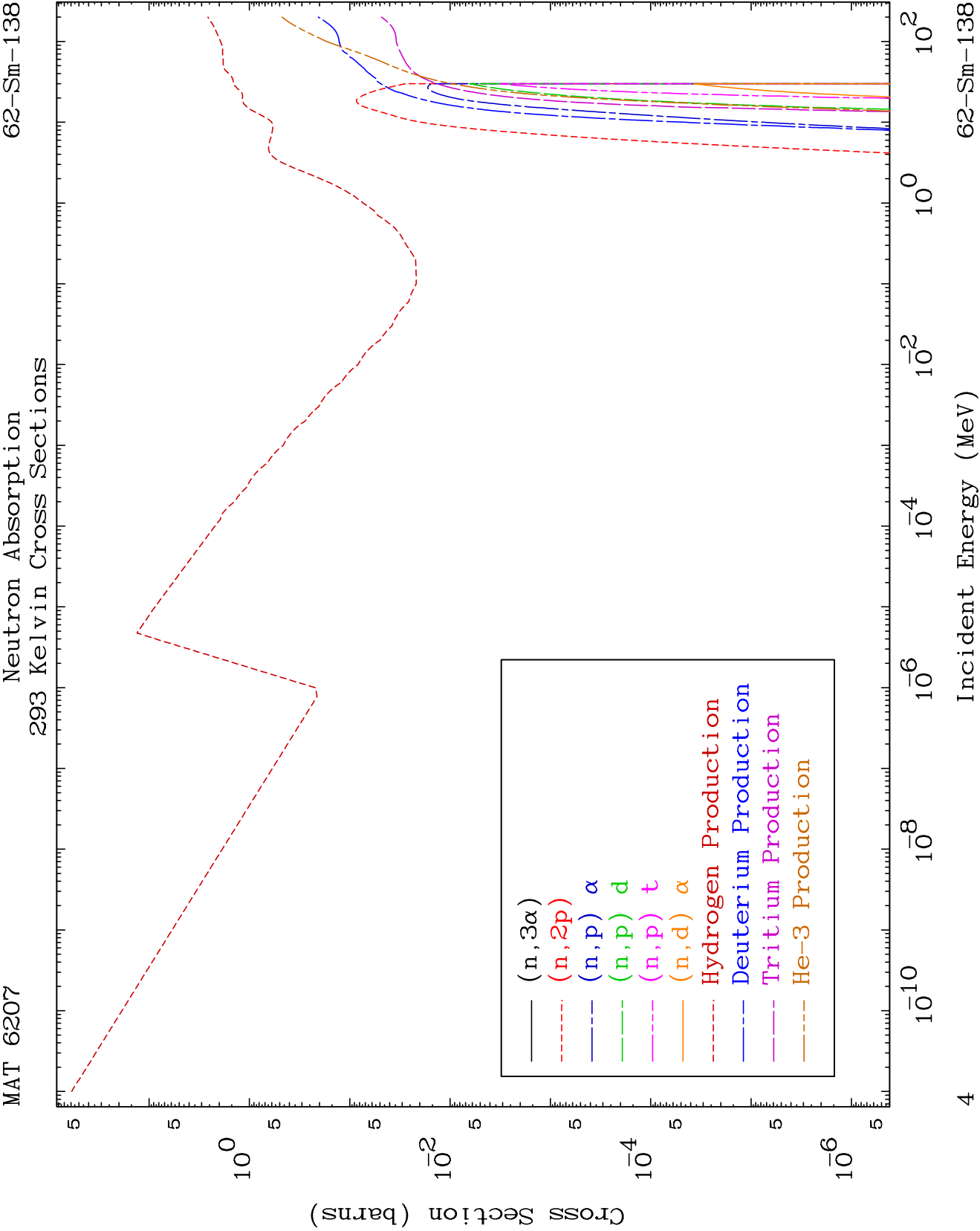
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

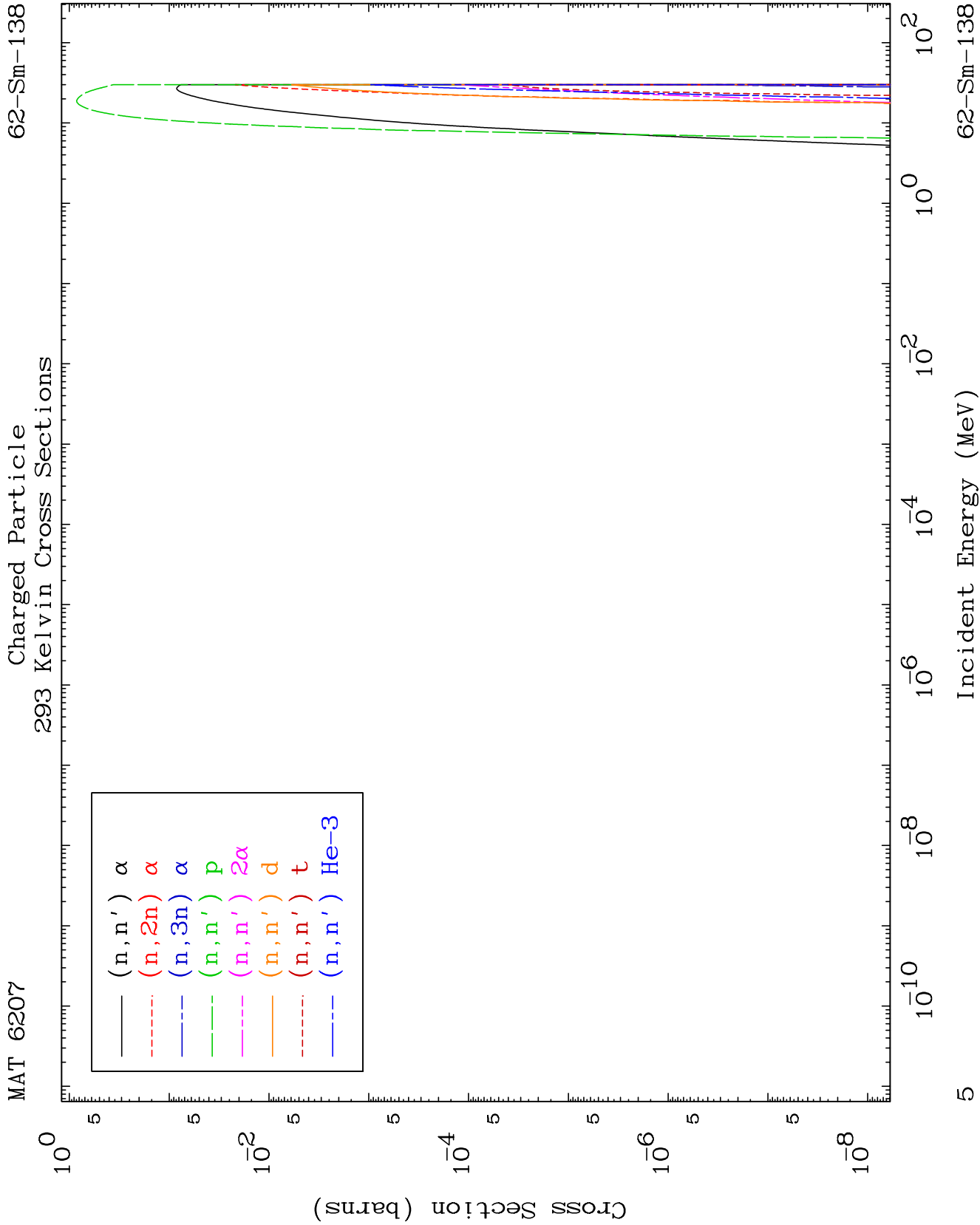
Press Mouse Button to Start

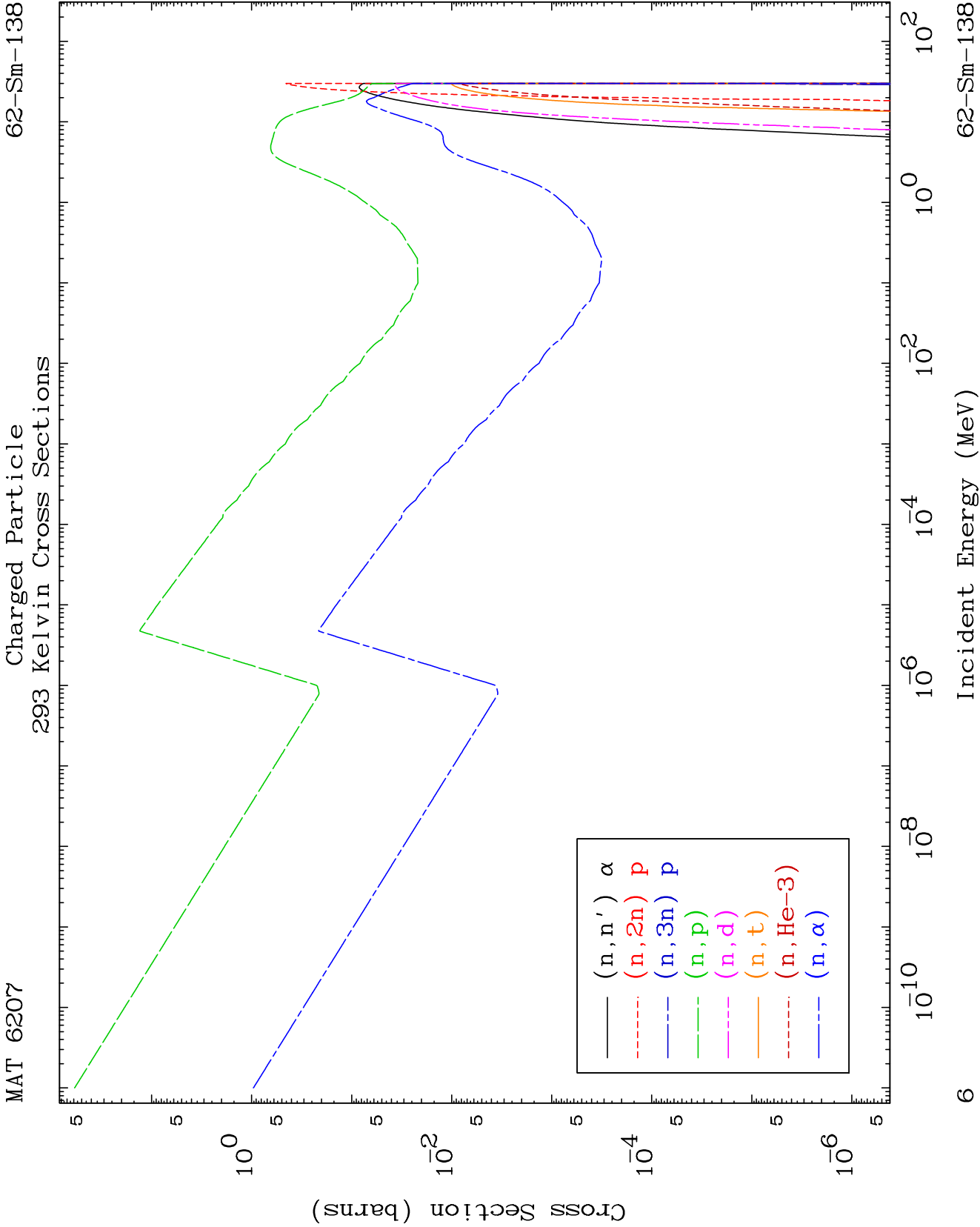


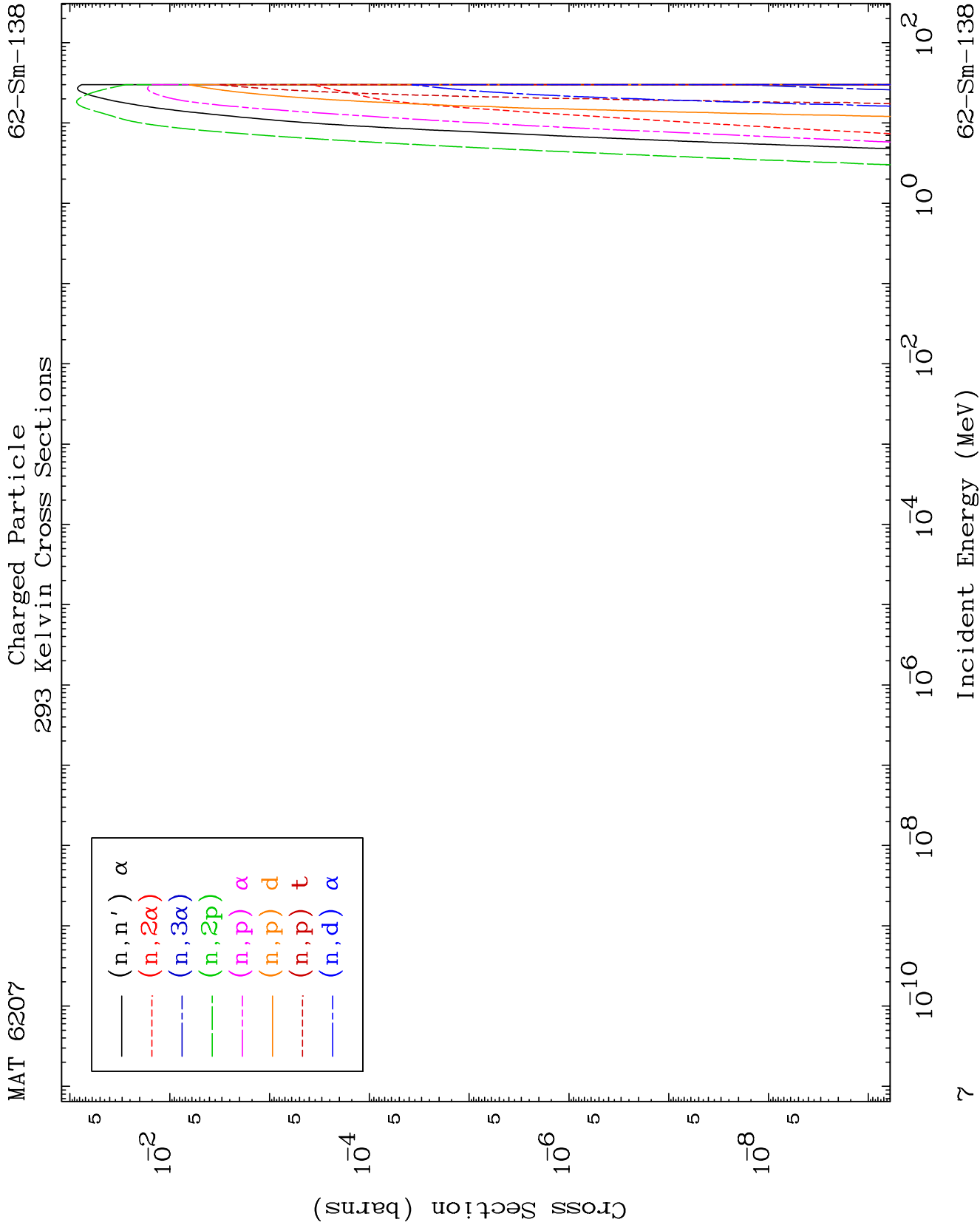


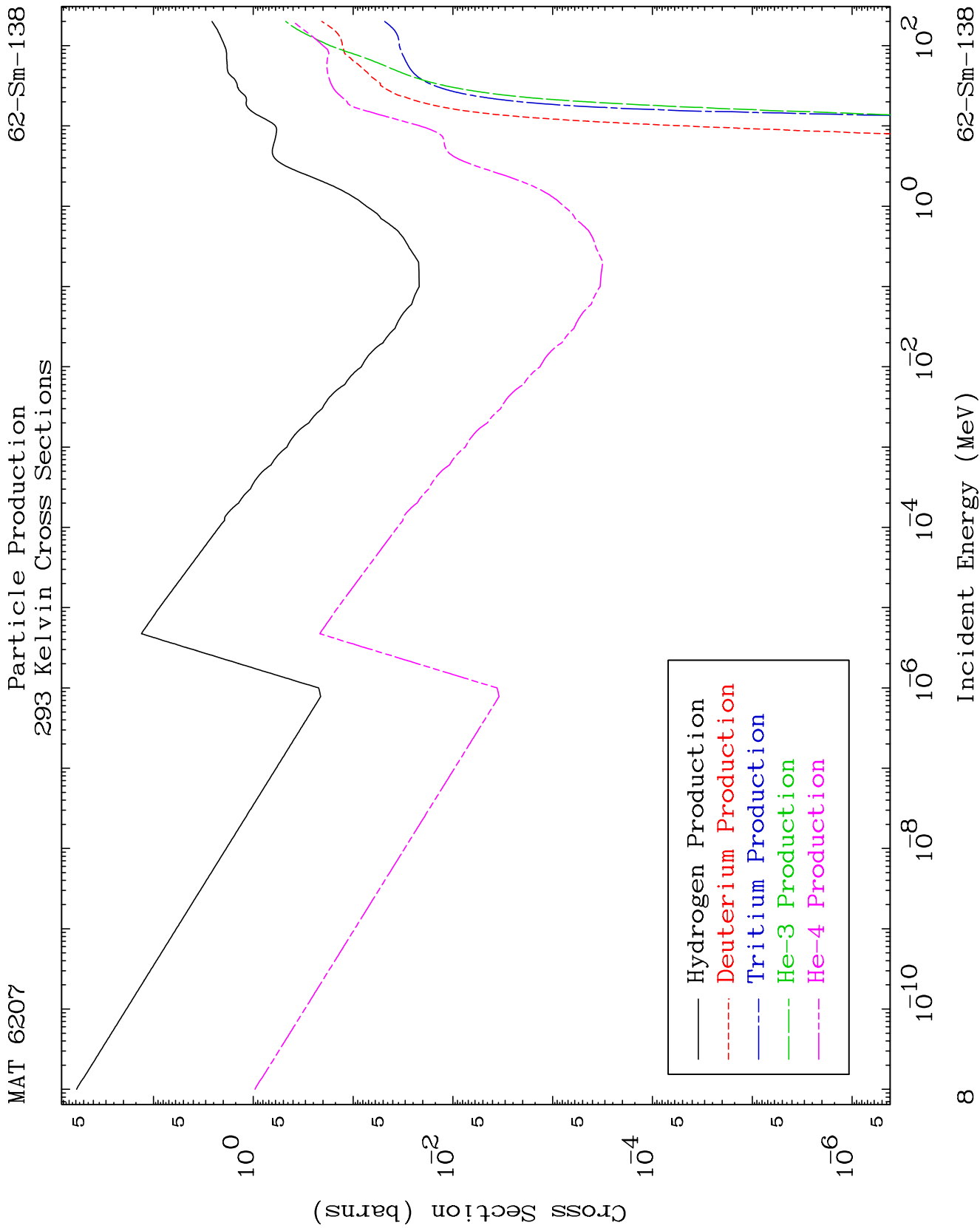


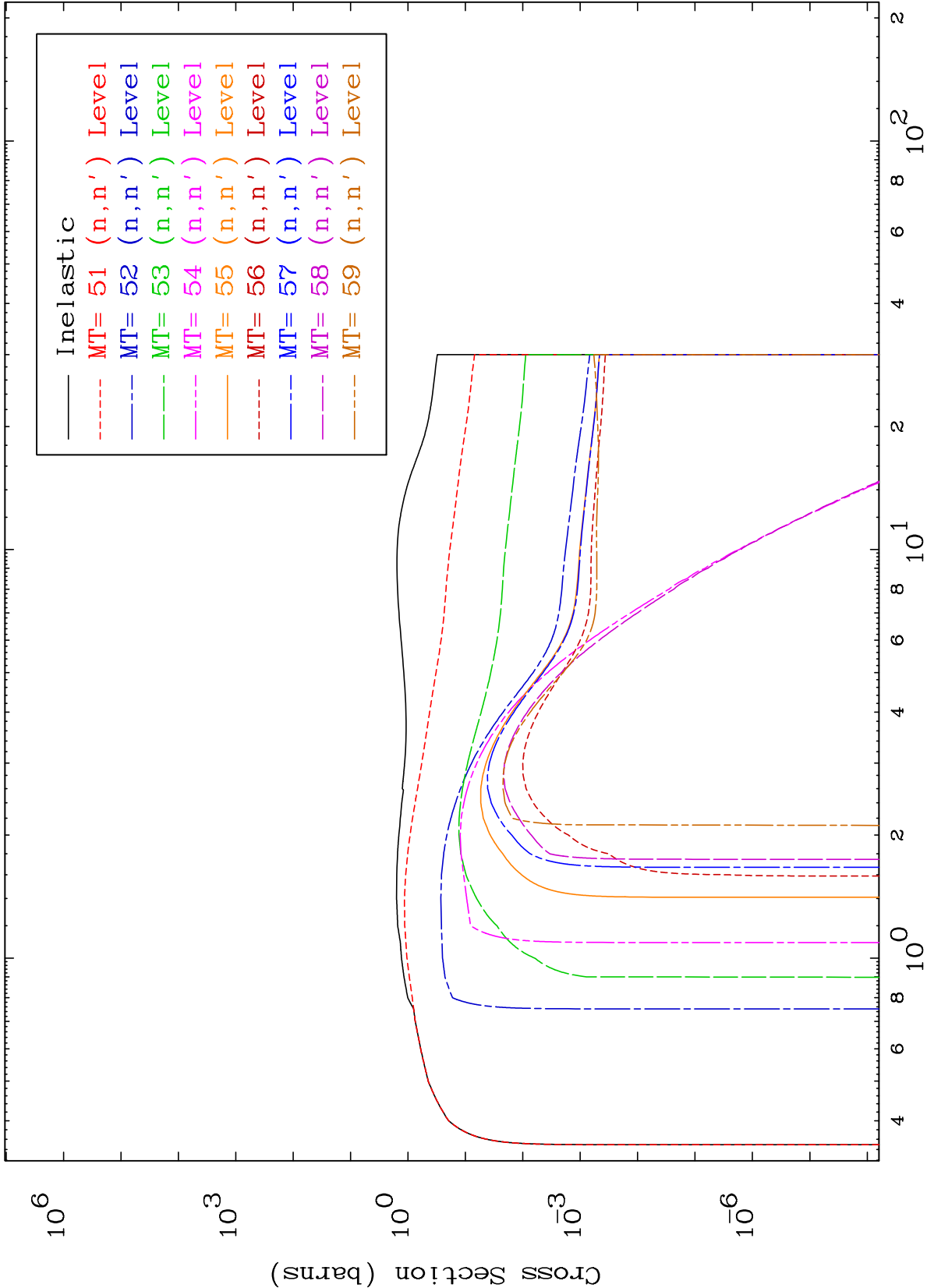


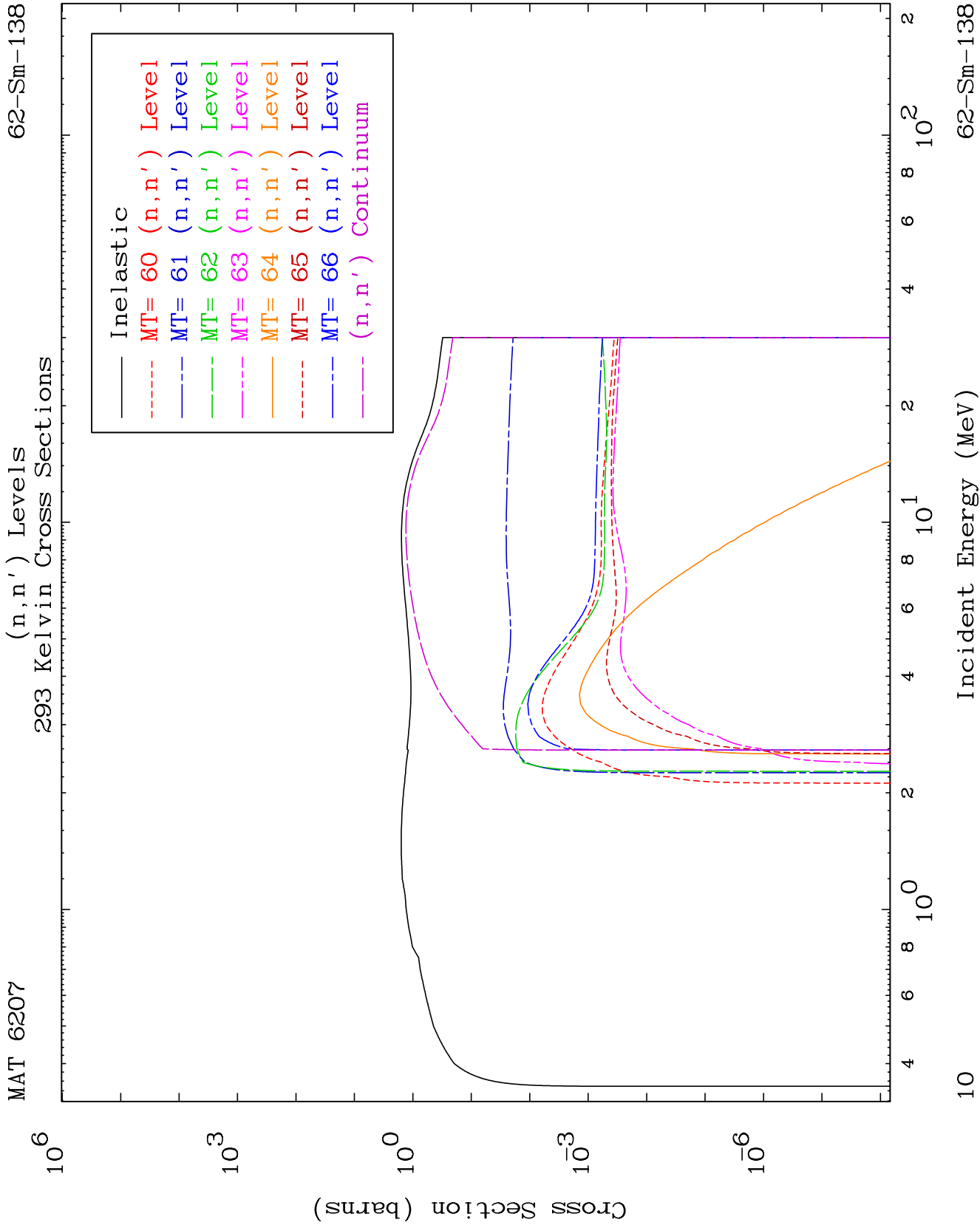


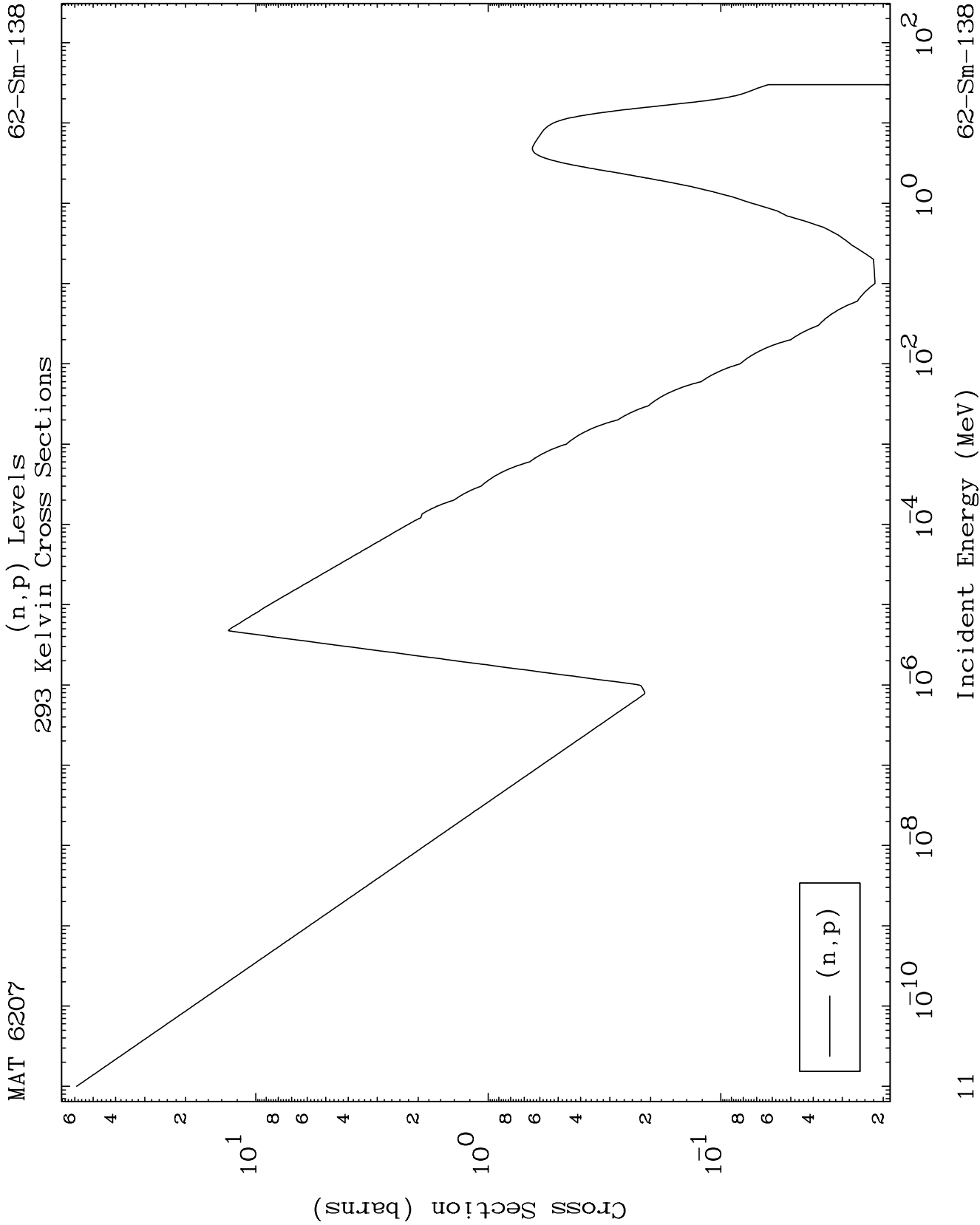








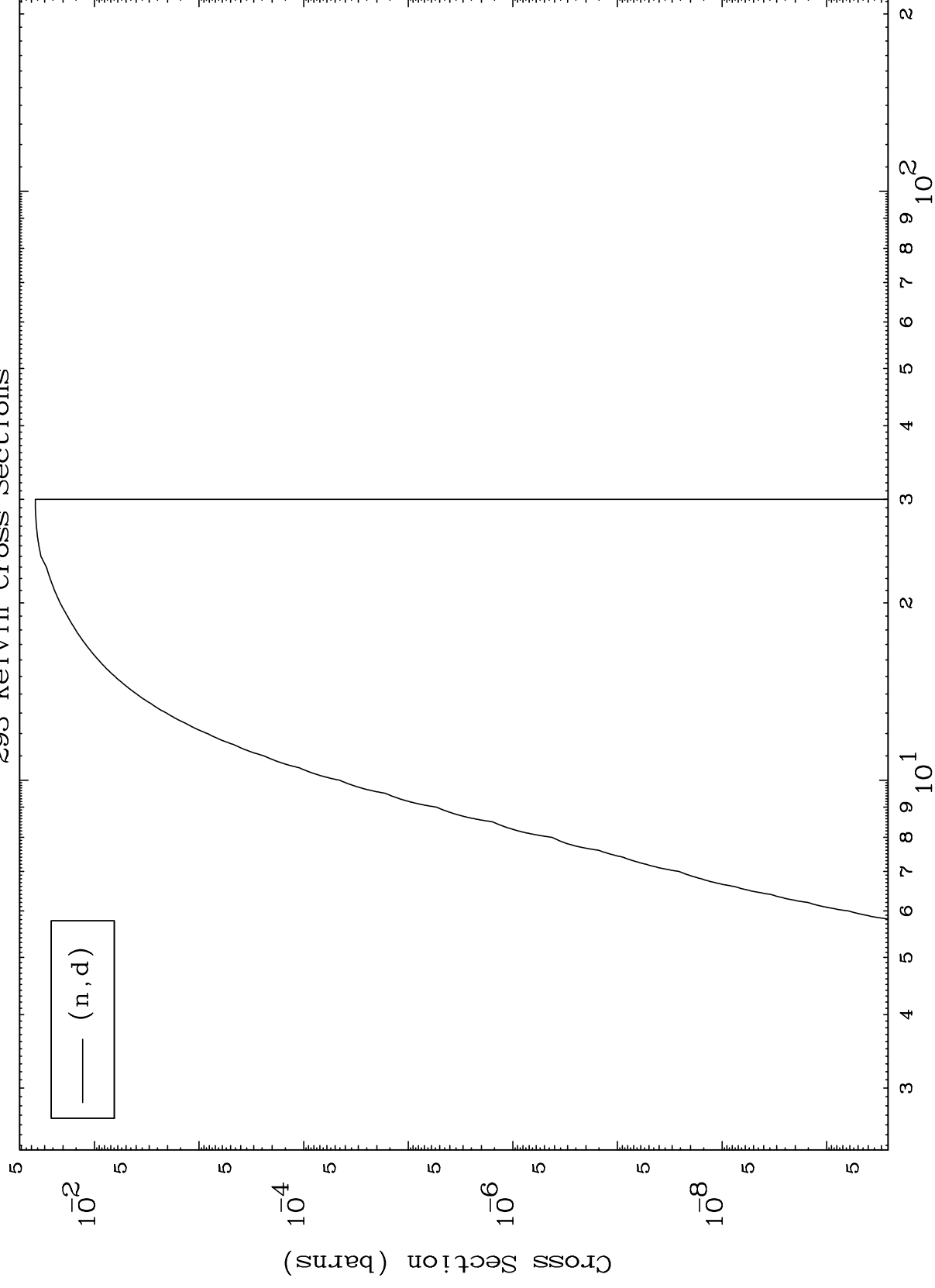




MAT 6207

62-Sm-138

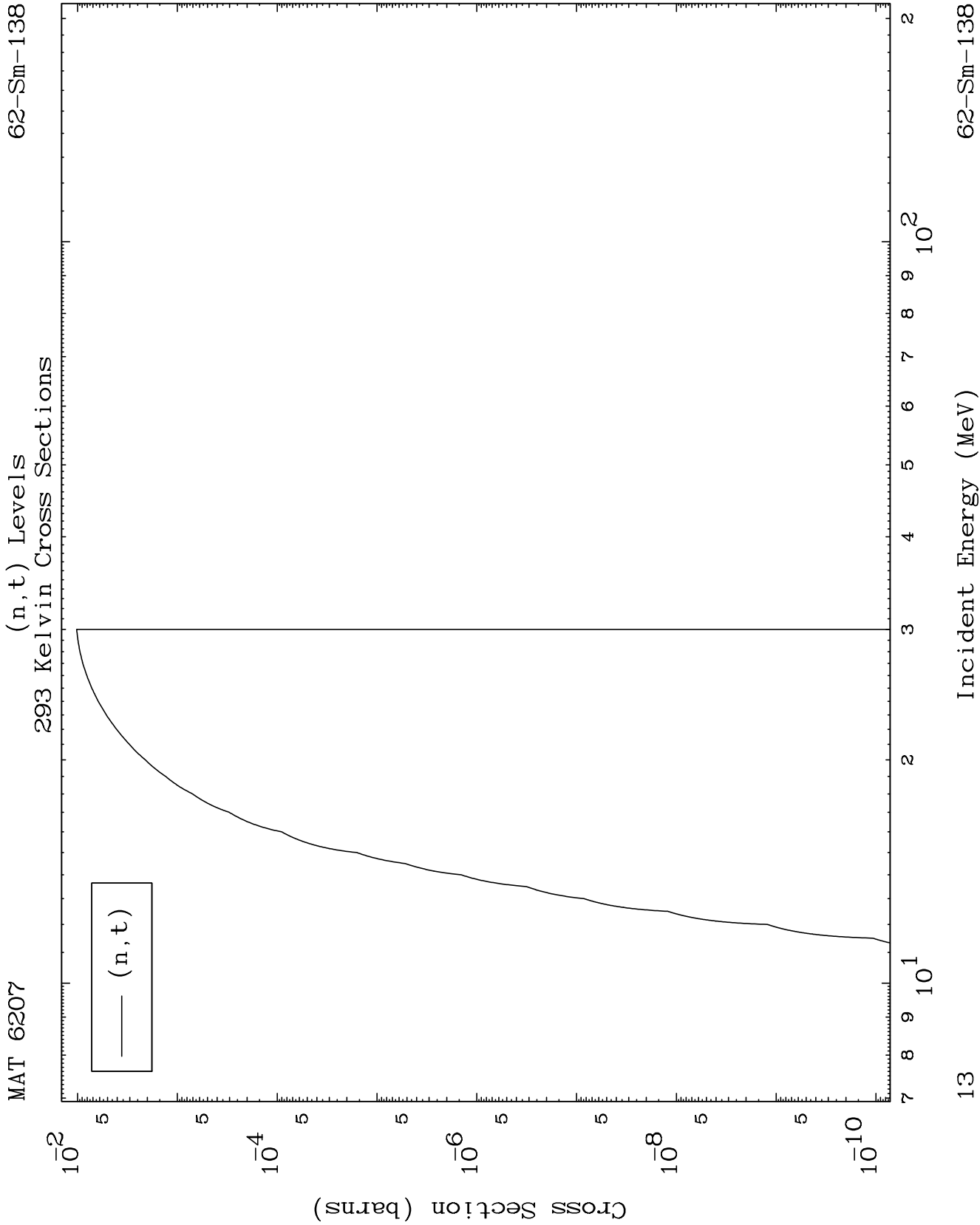
(n,d) Levels
293 Kelvin Cross Sections



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Incident Energy (MeV)

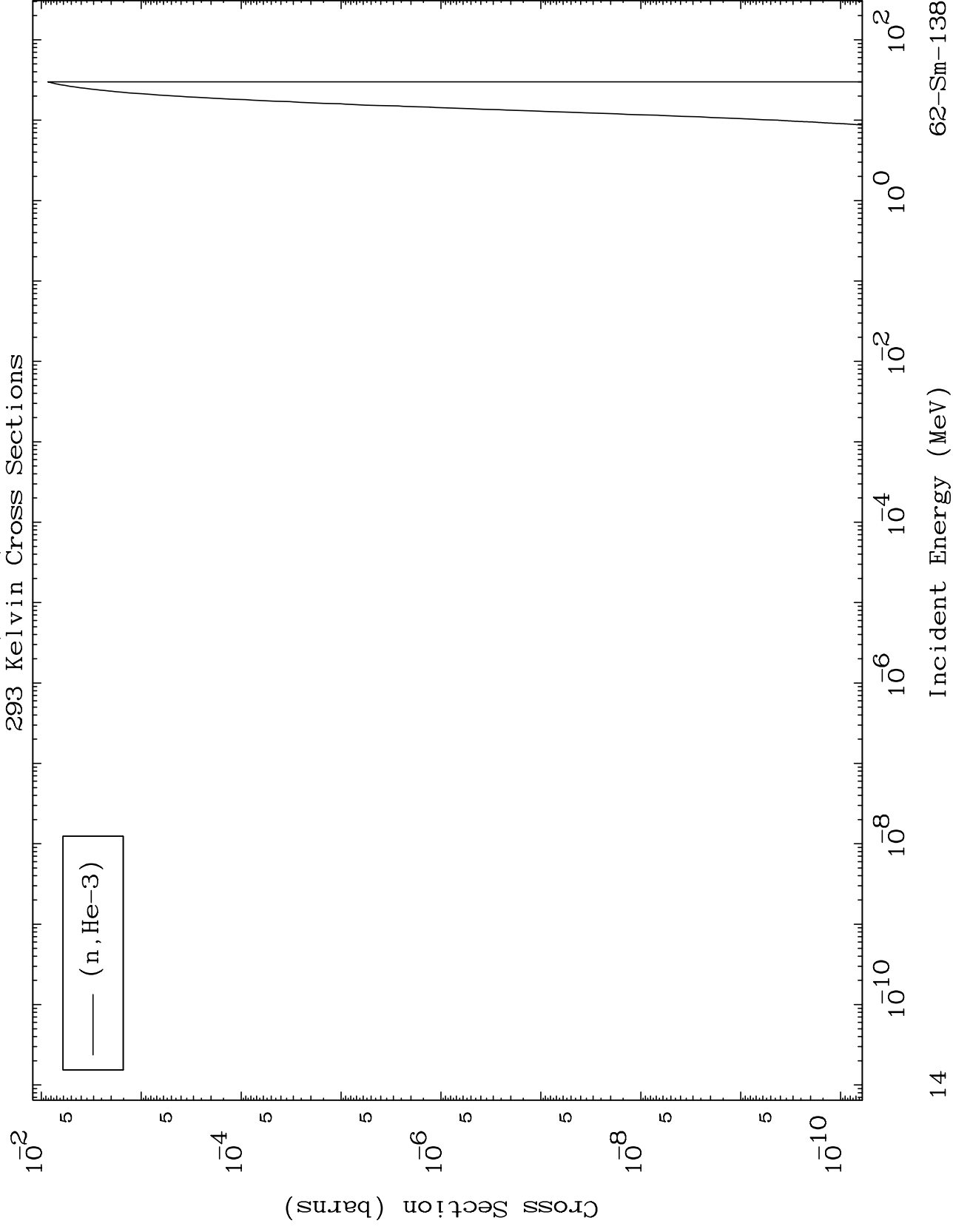
62-Sm-138

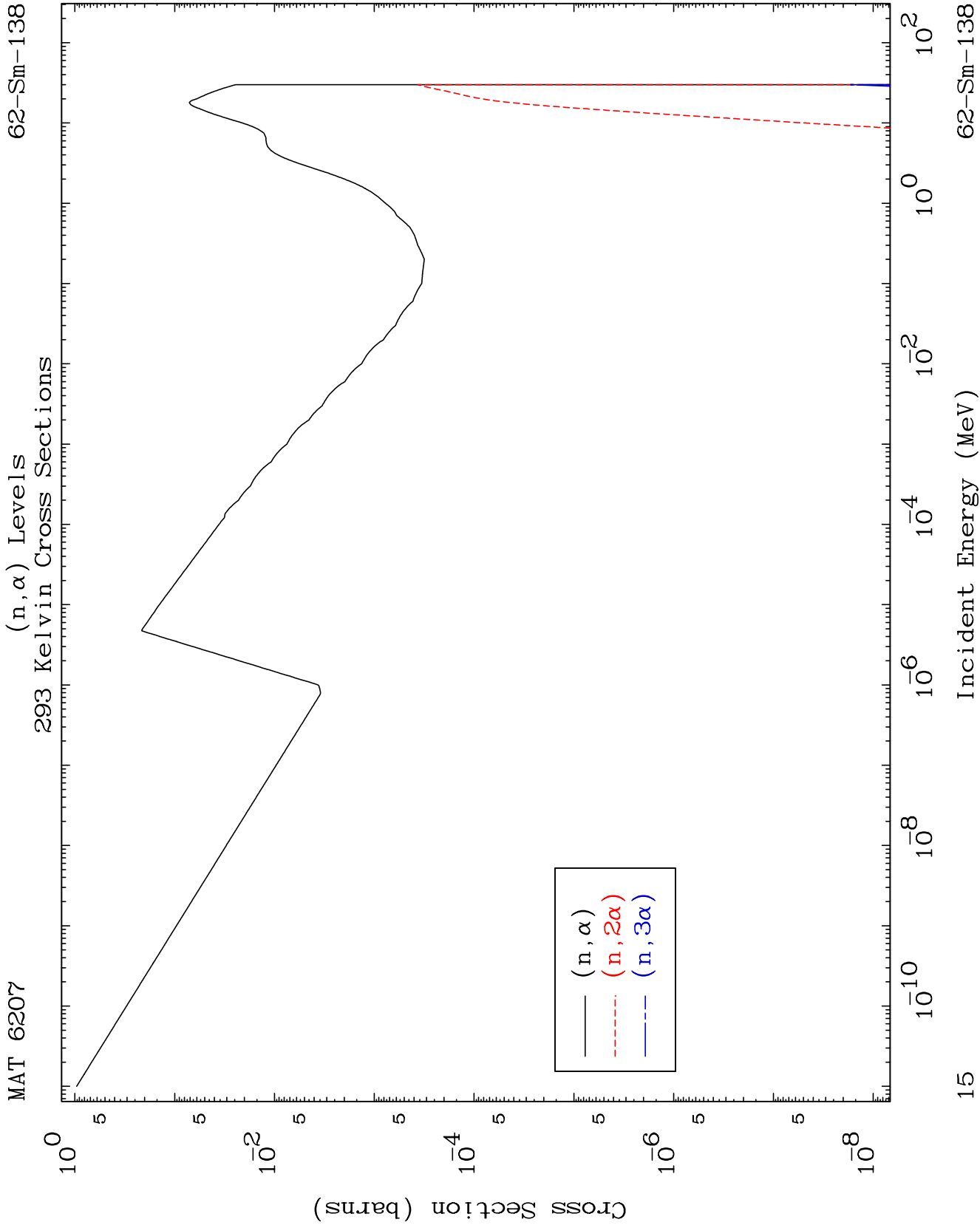


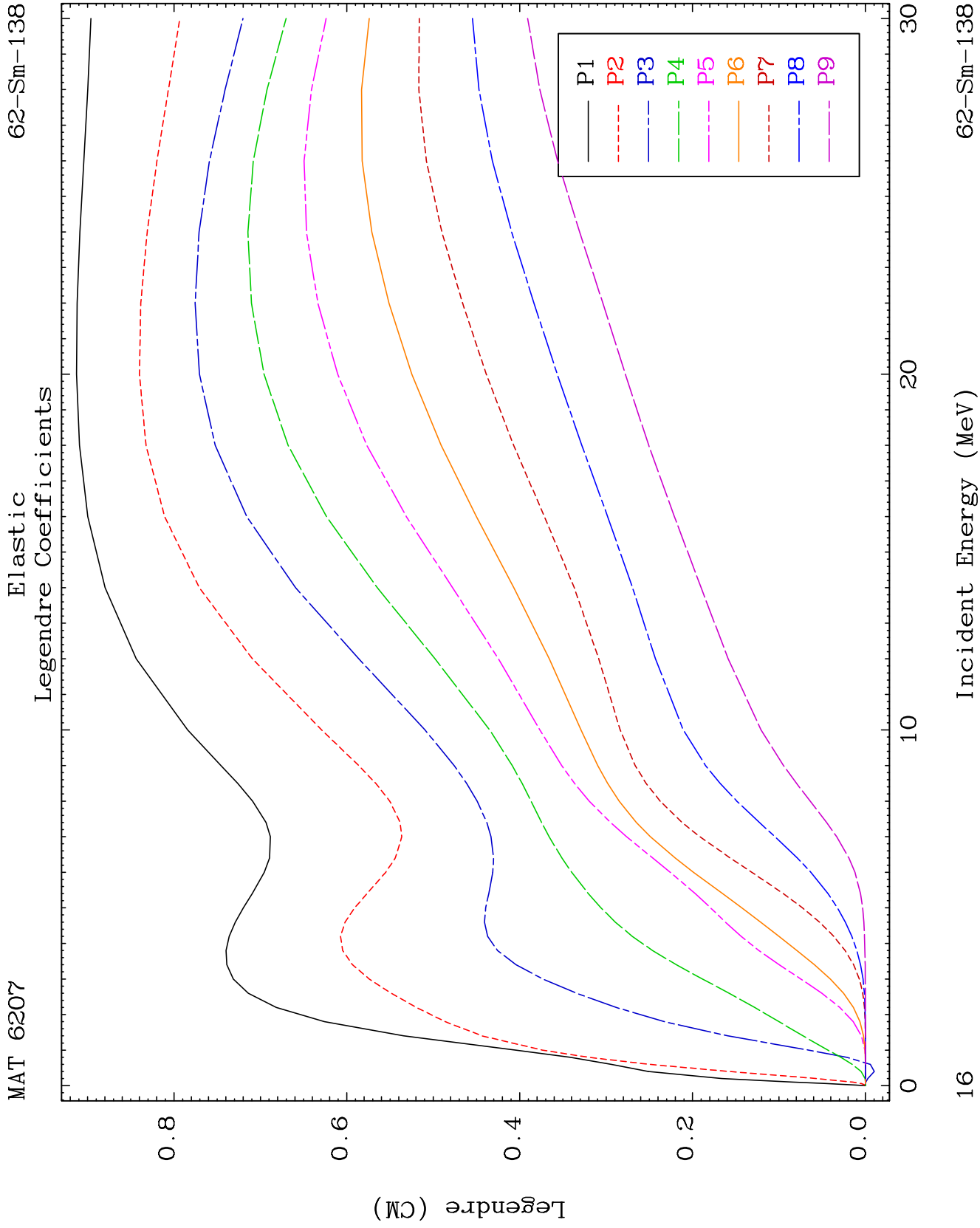
MAT 6207

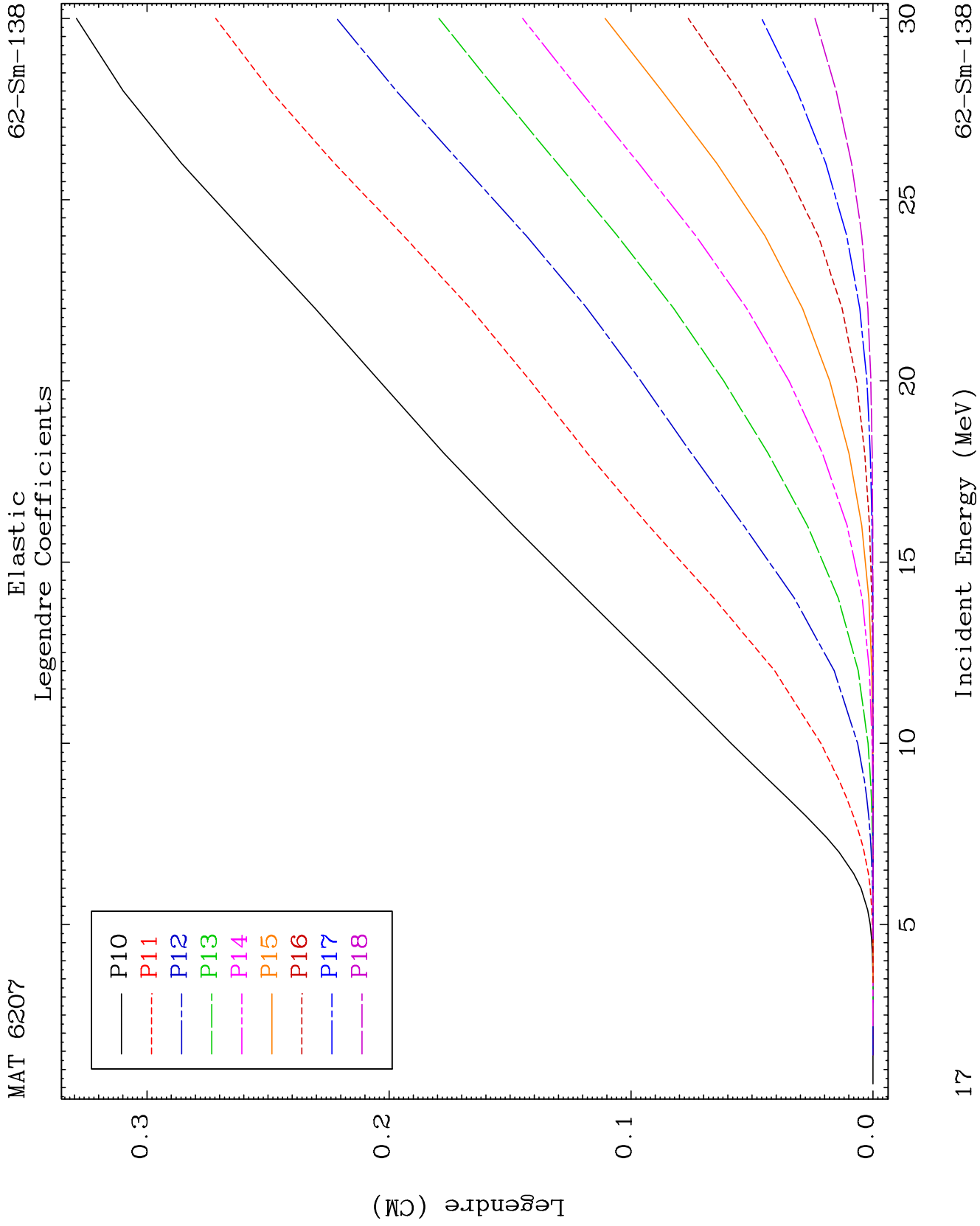
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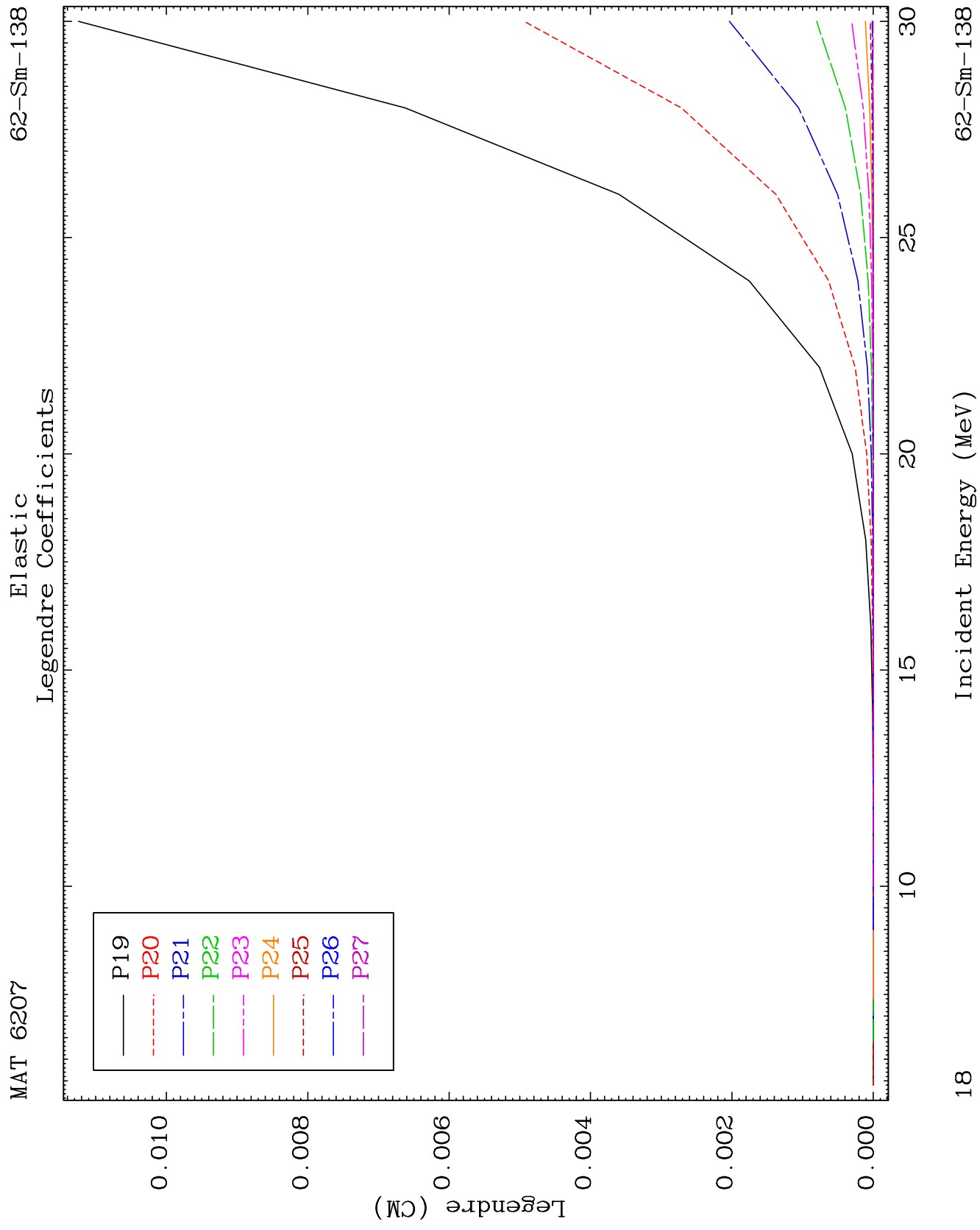
(n,He3) Levels
293 Kelvin Cross Sections

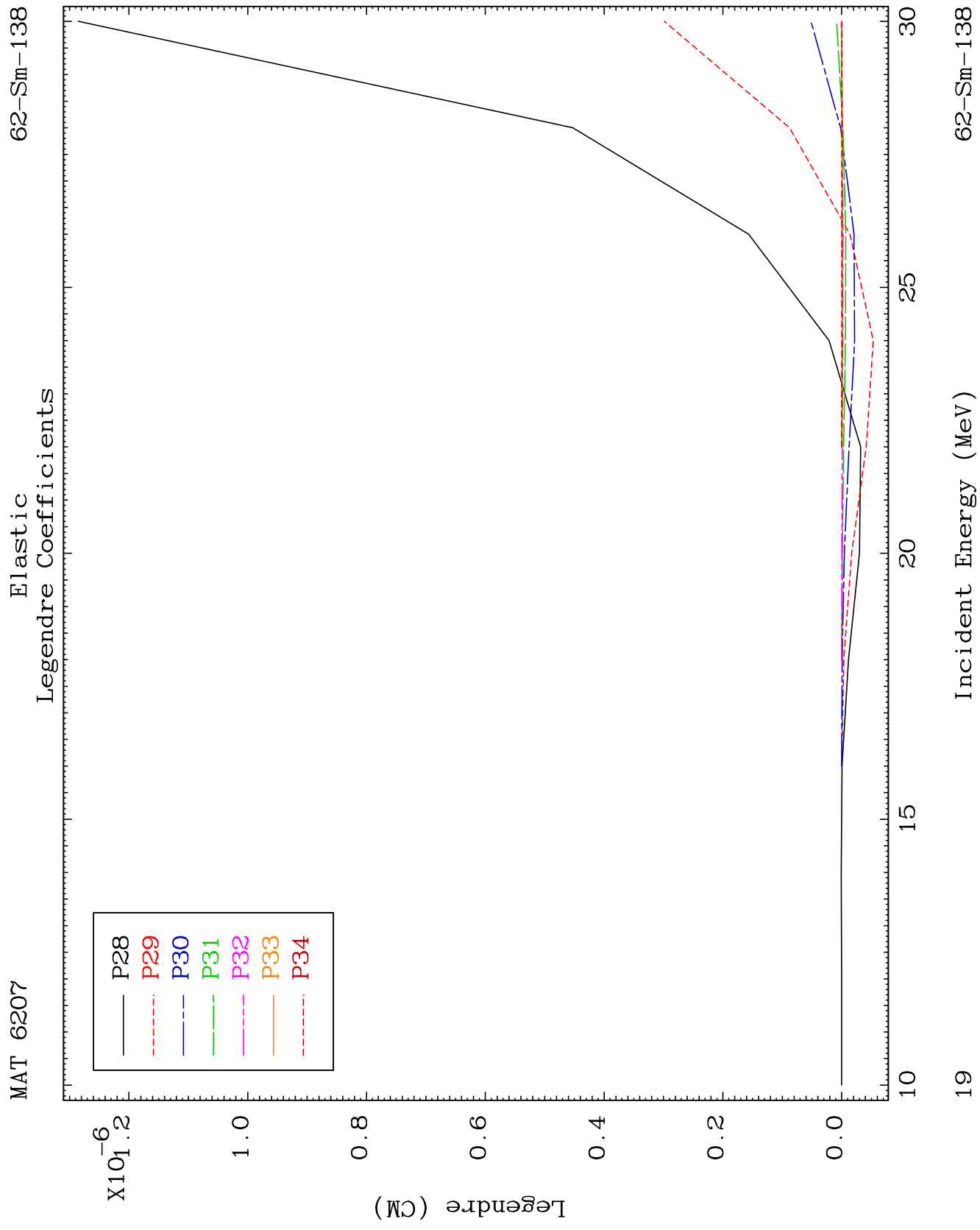








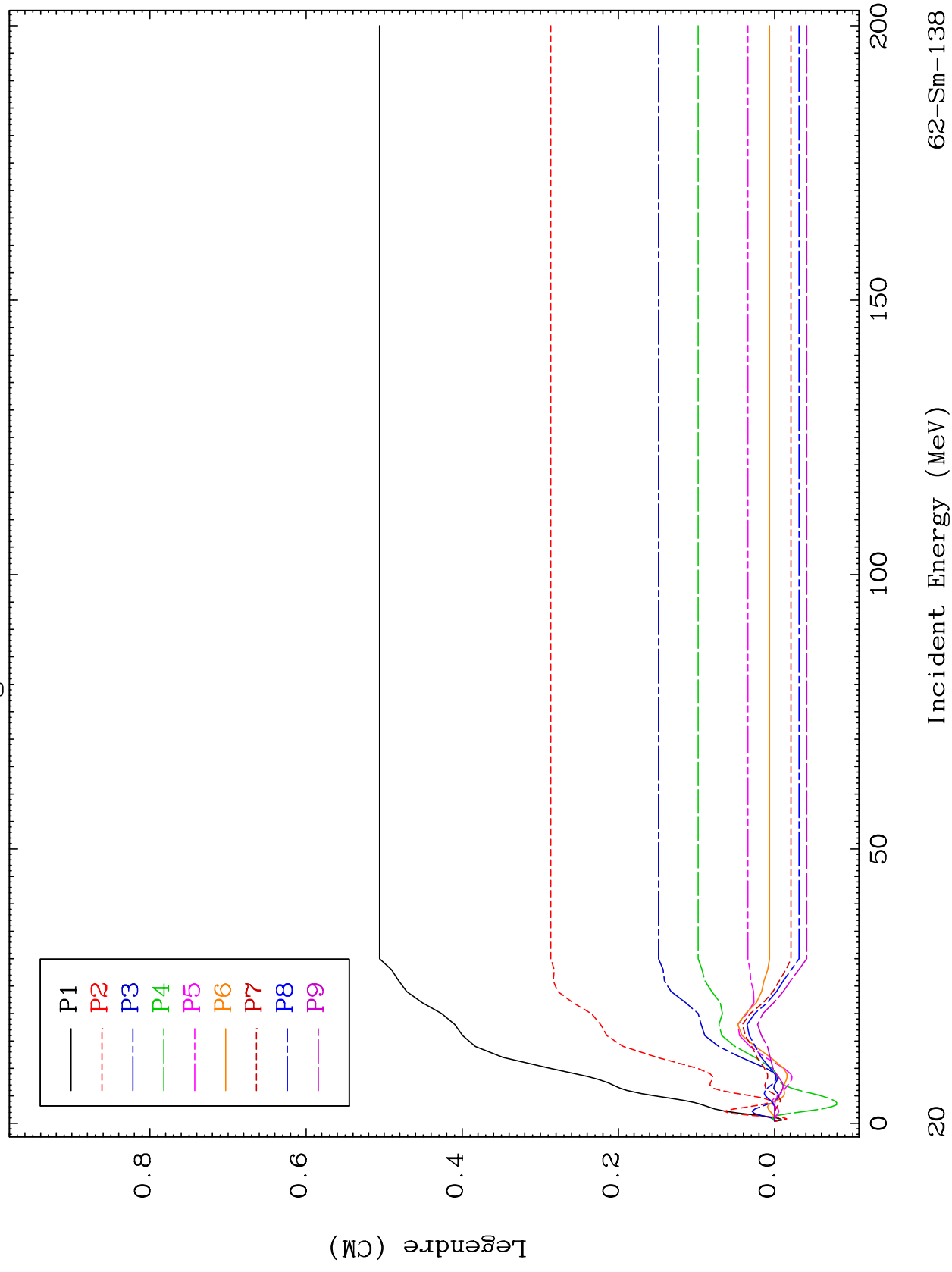




MAT 6207

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

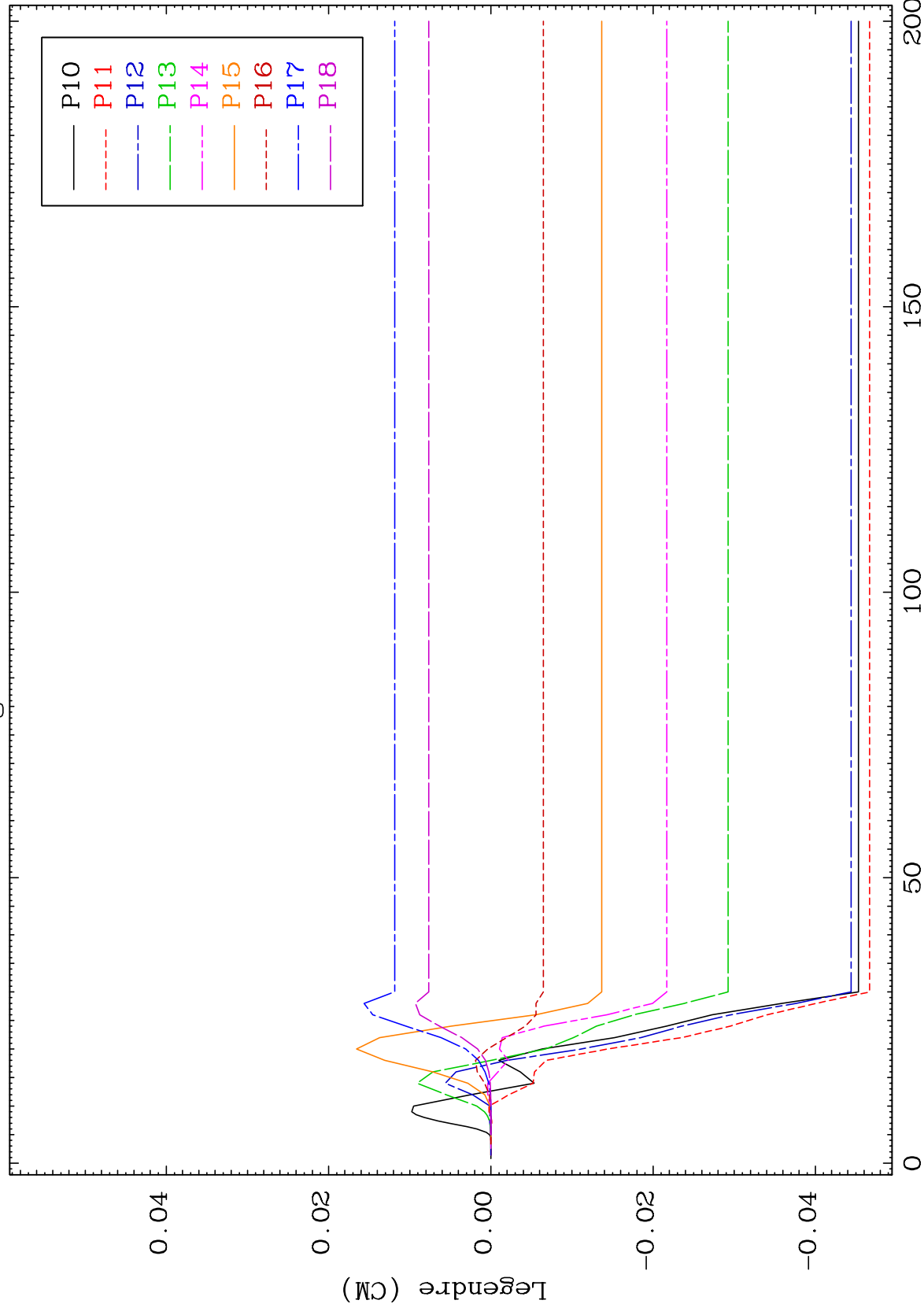
62-Sm-138



MAT 6207

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

62-Sm-138



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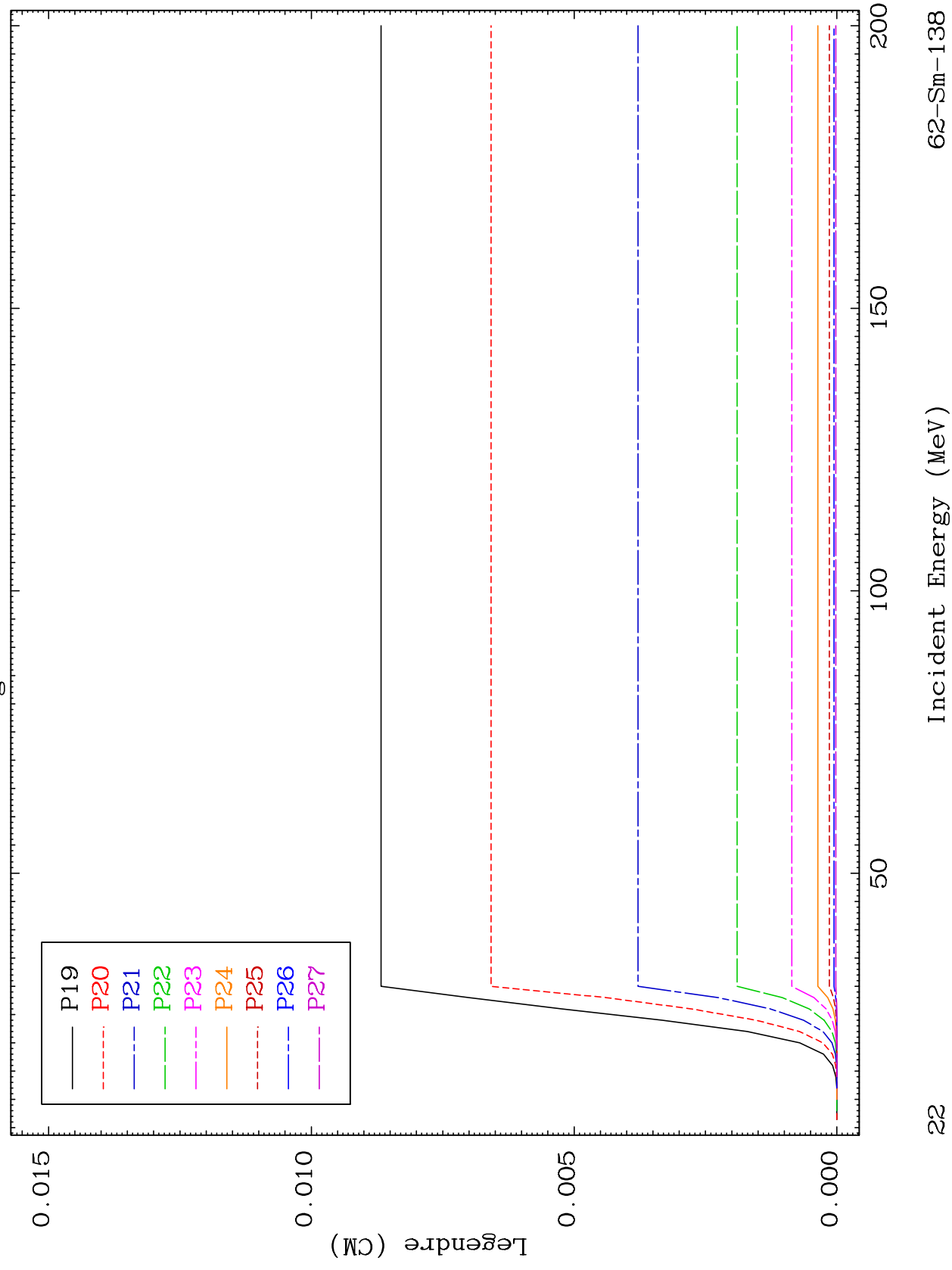
Incident Energy (MeV)

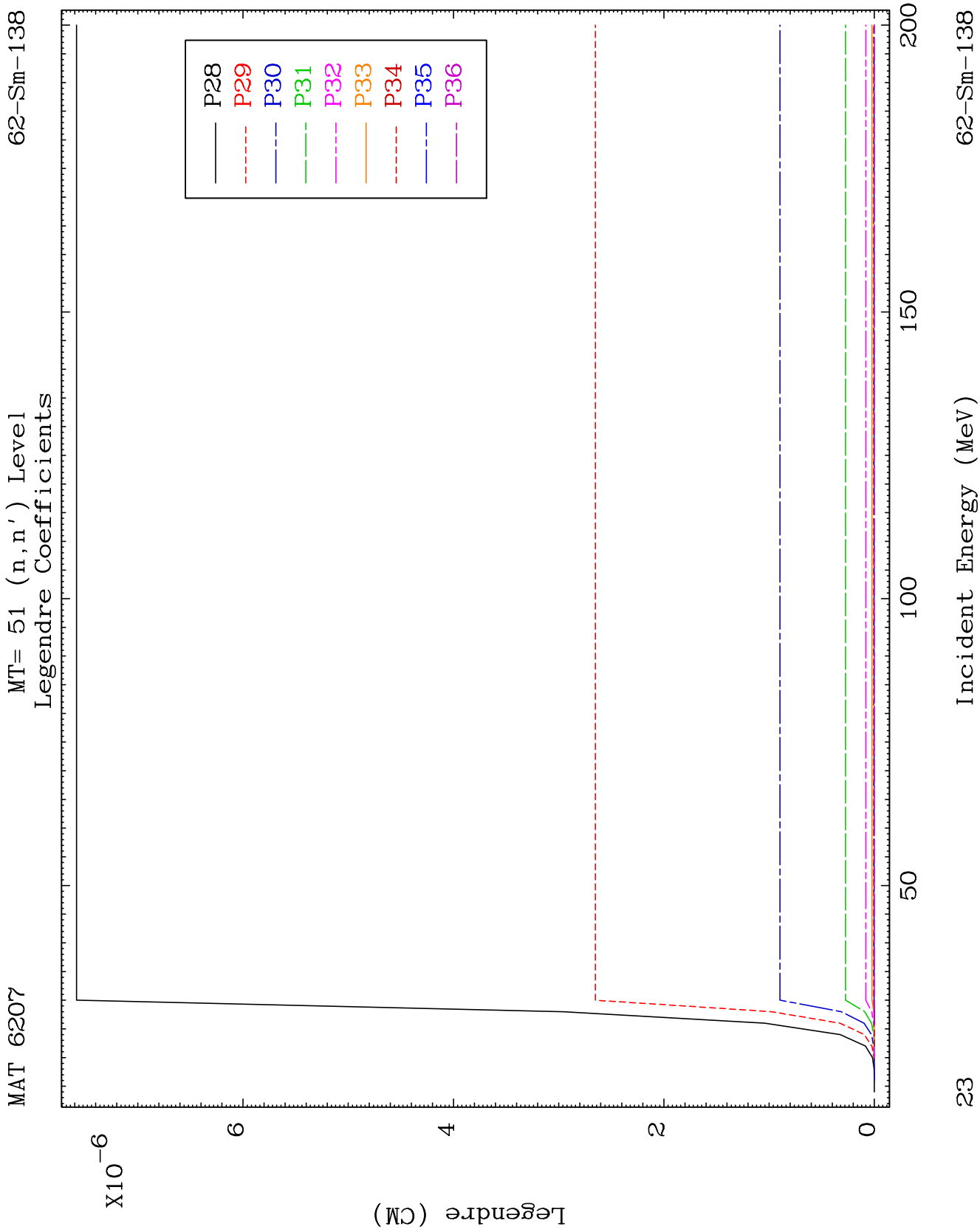
62-Sm-138

MAT 6207

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

62-Sm-138

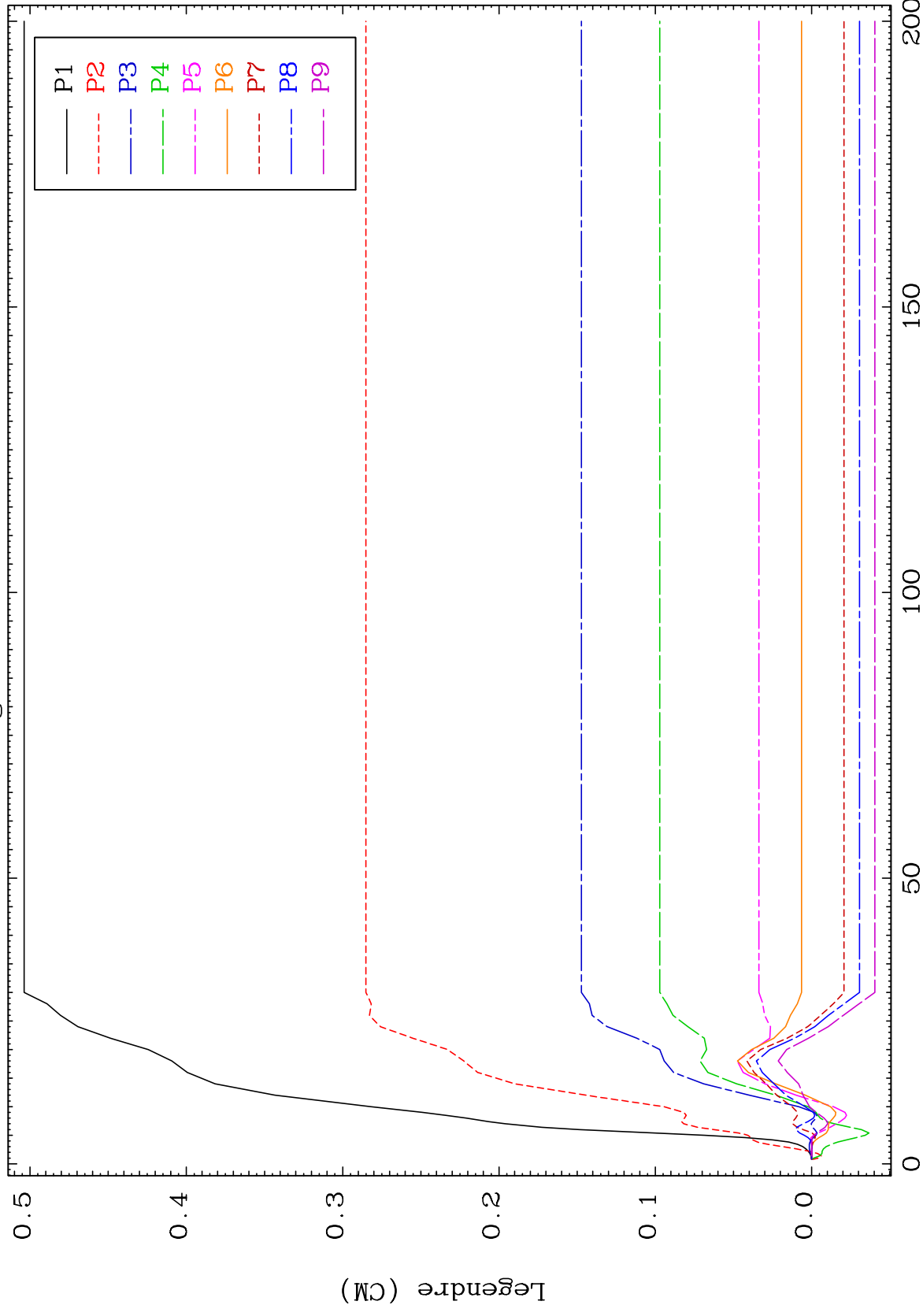




MAT 6207

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

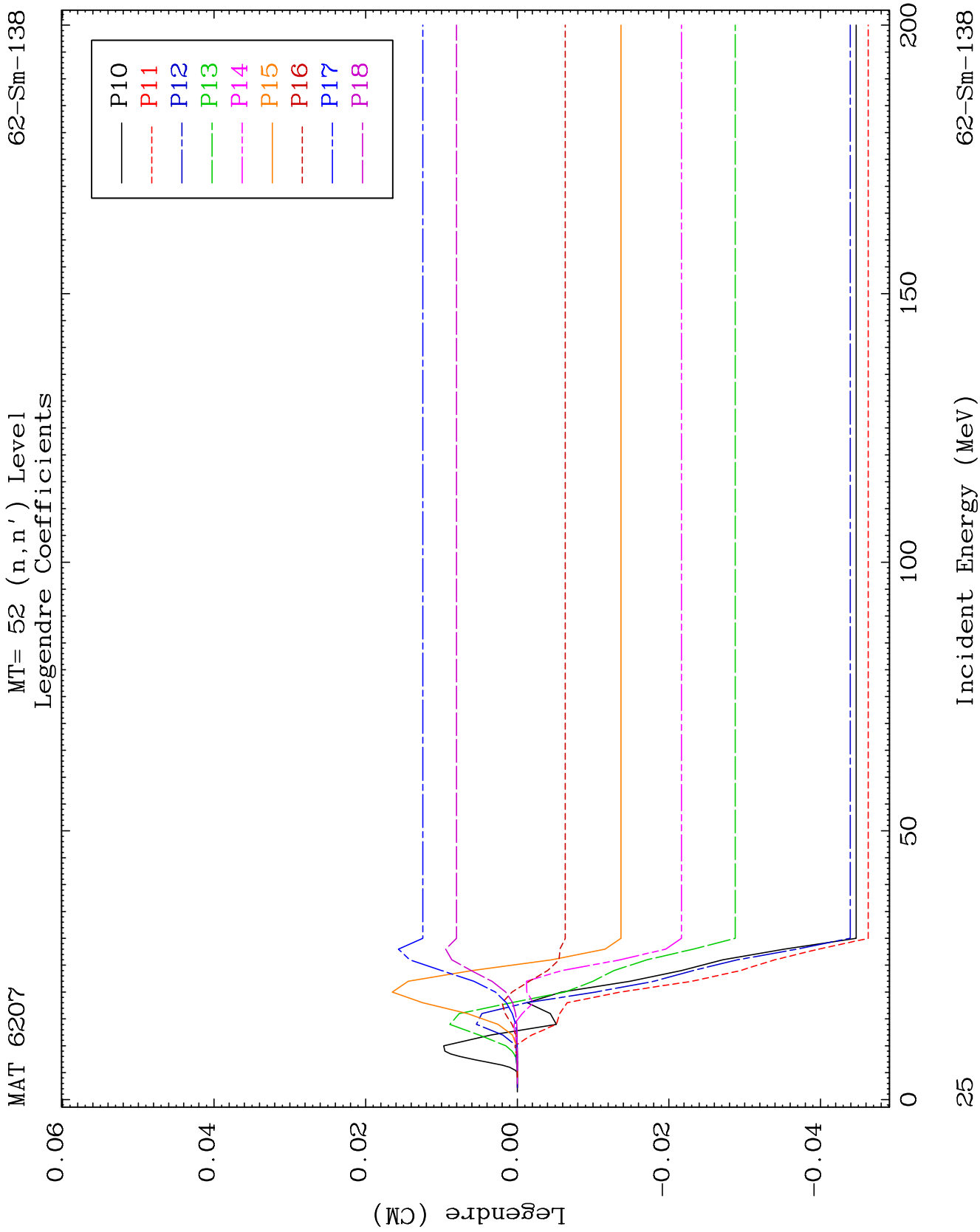
62-Sm-138

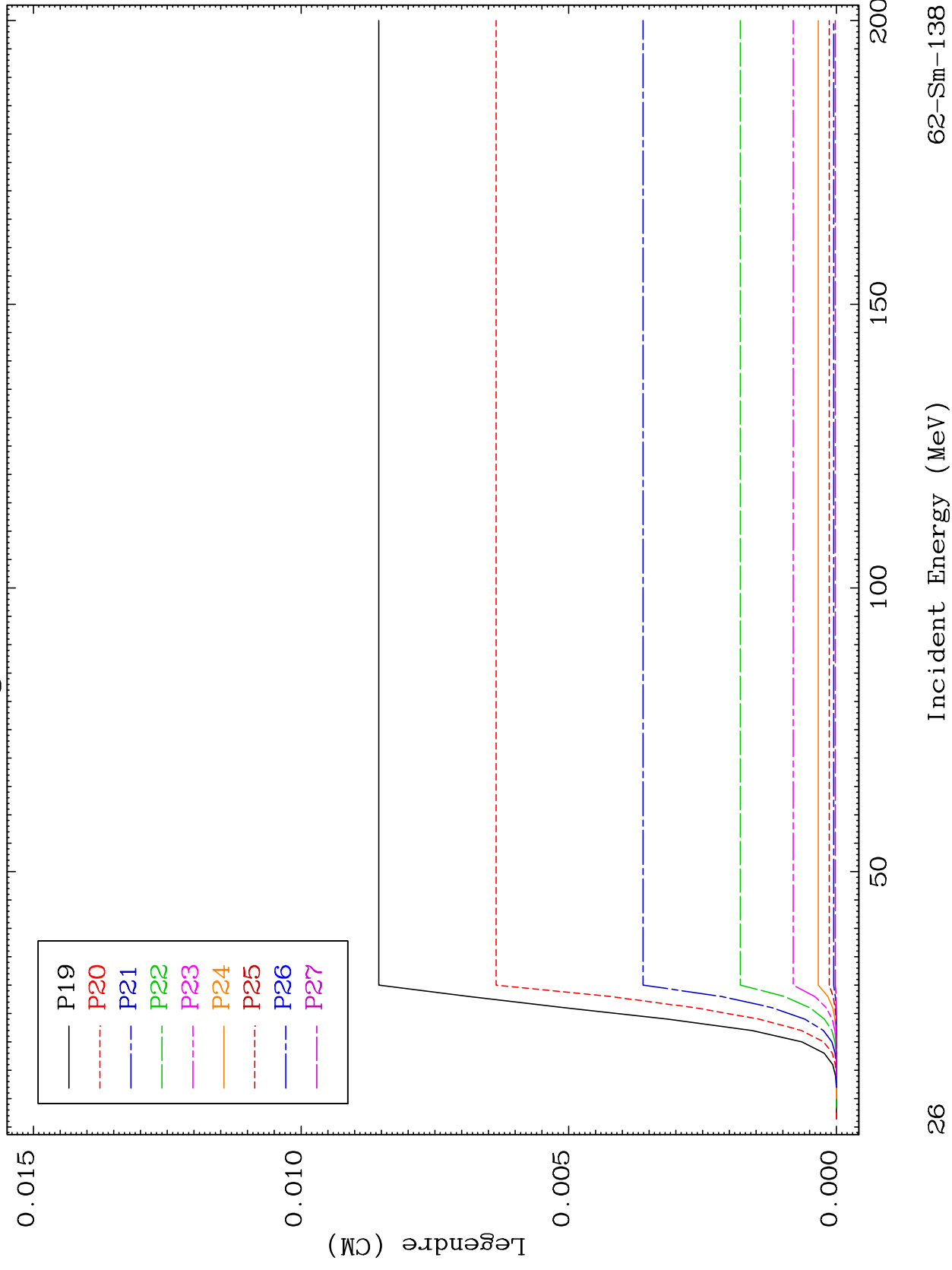


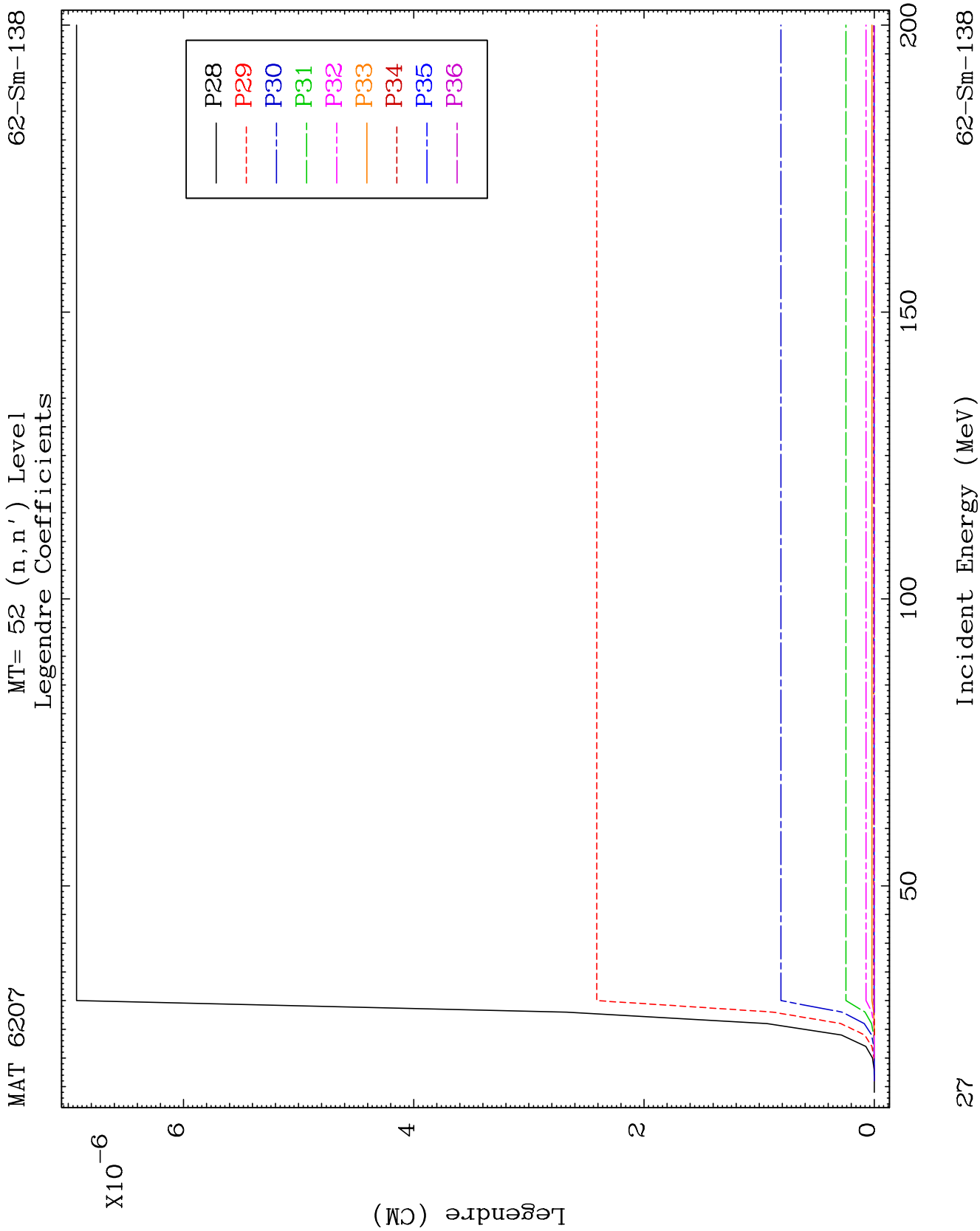
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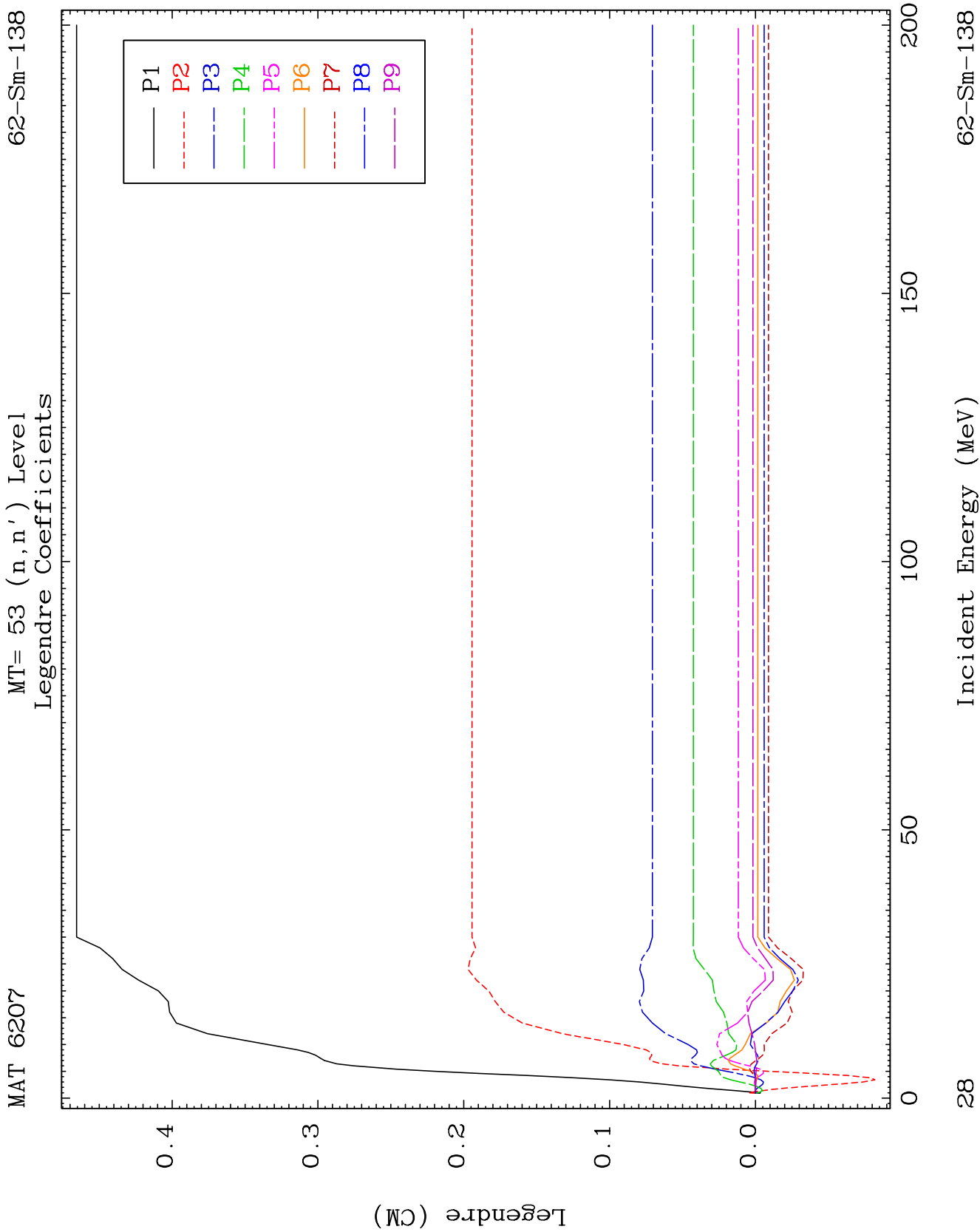
Incident Energy (MeV)

62-Sm-138





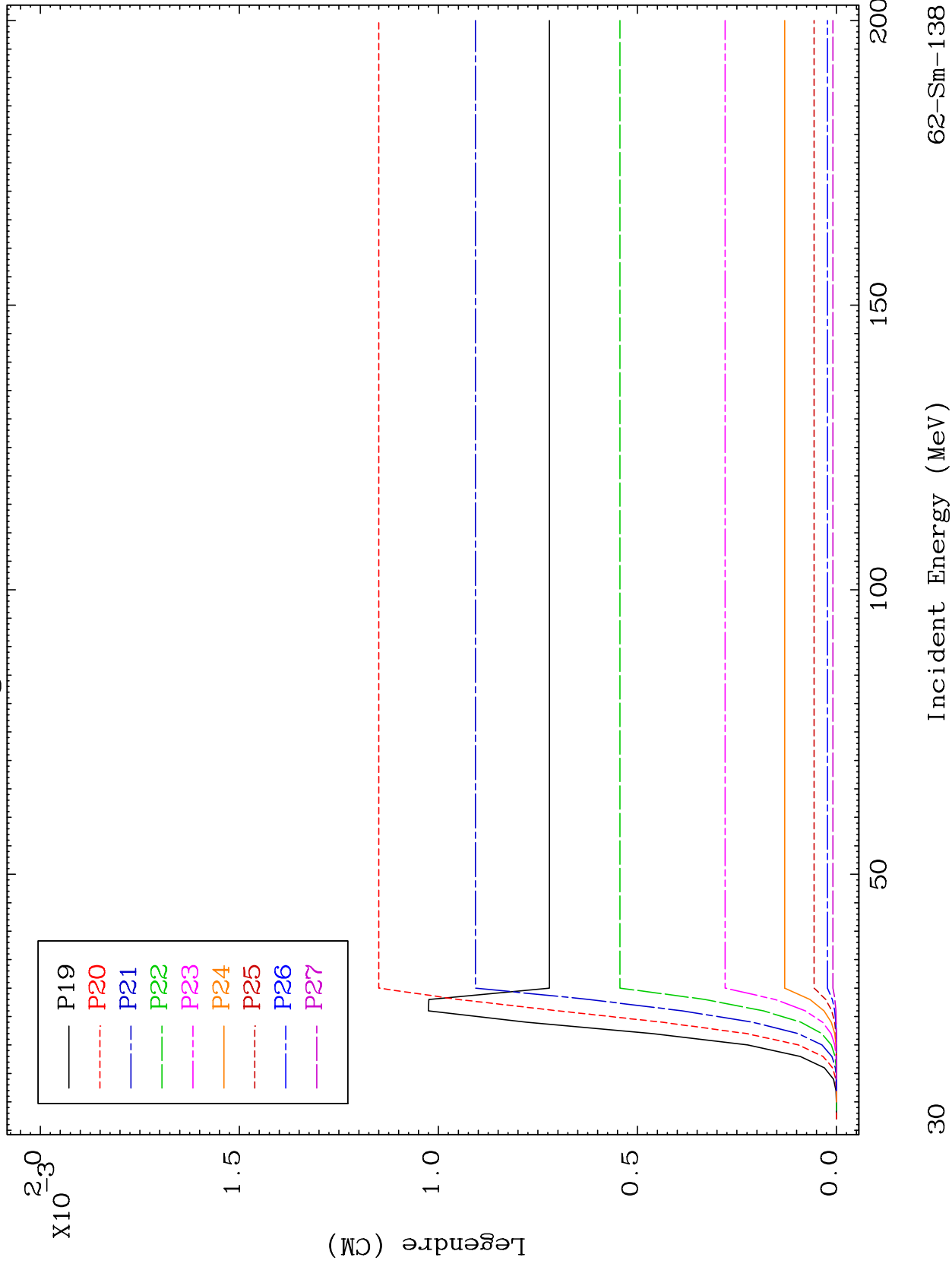


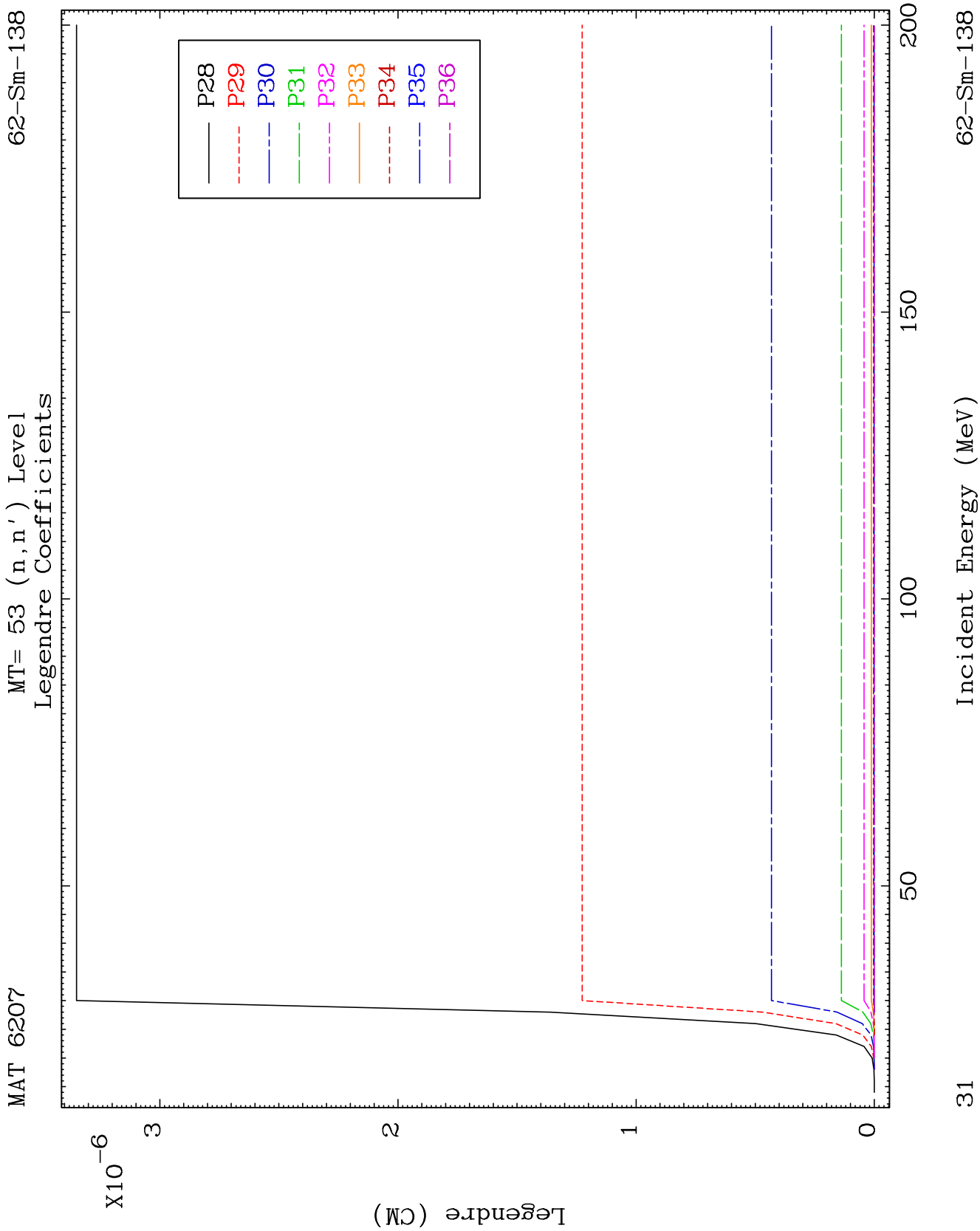


MAT 6207

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

62-Sm-138

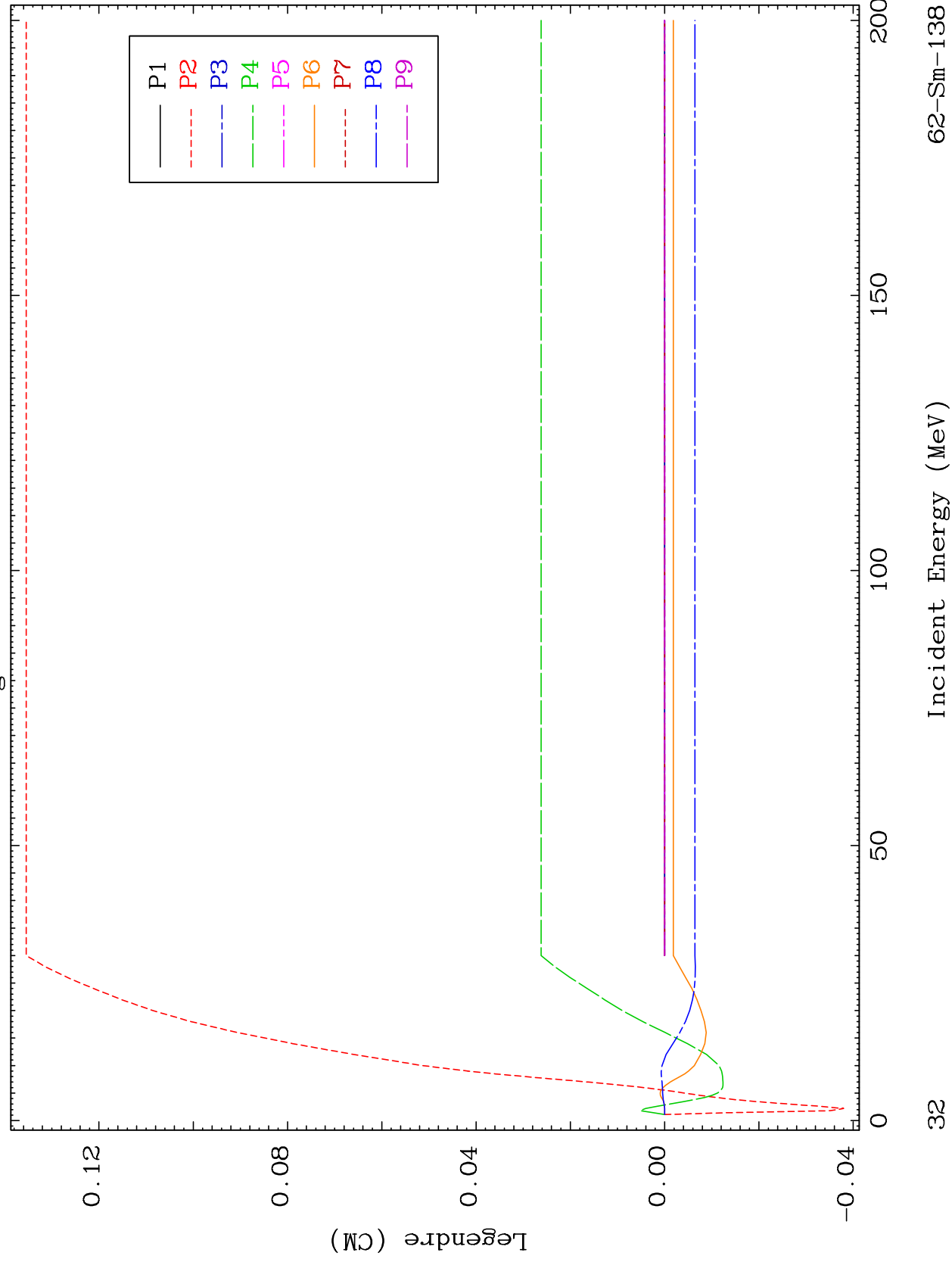


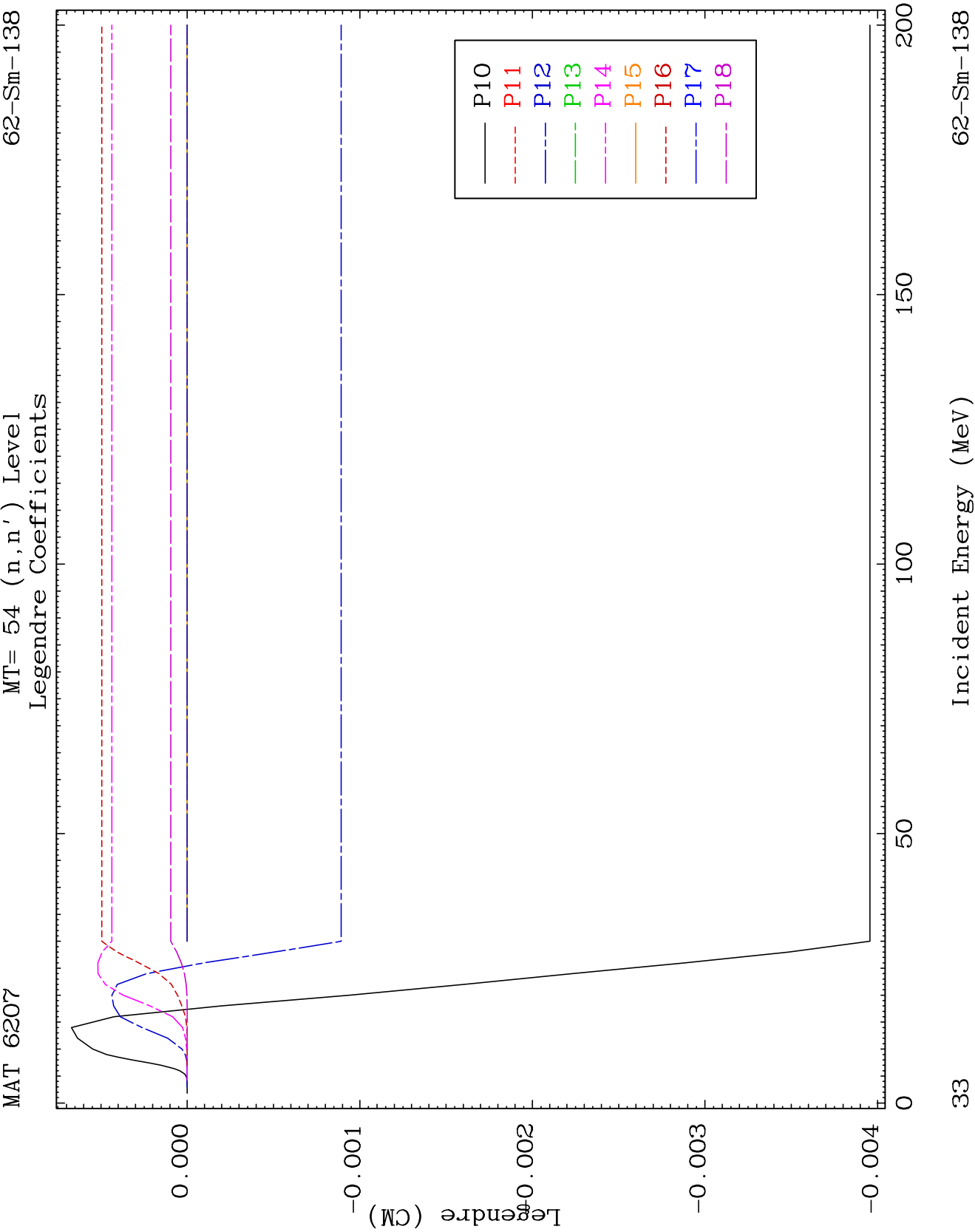


MAT 6207

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

62-Sm-138

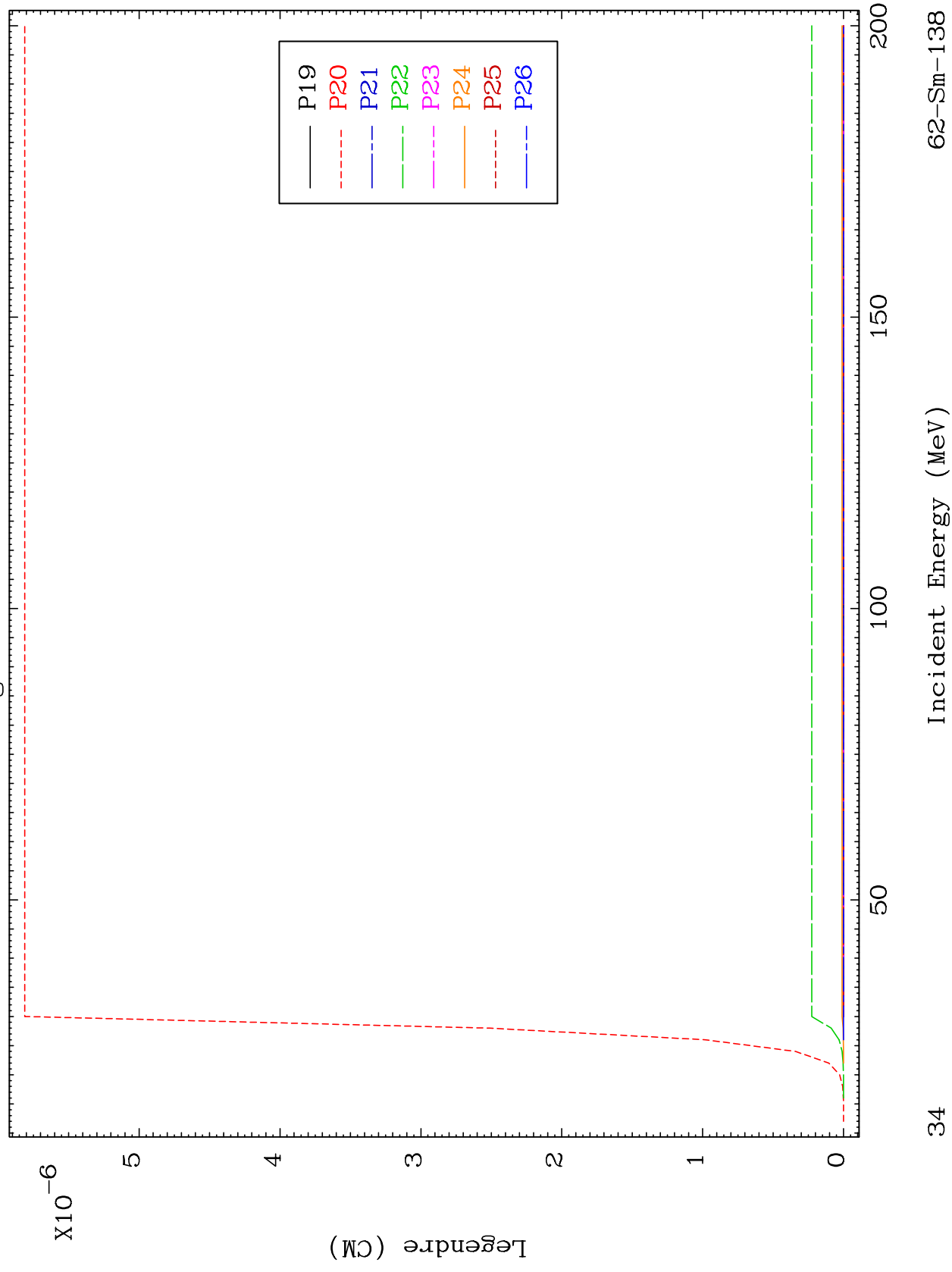


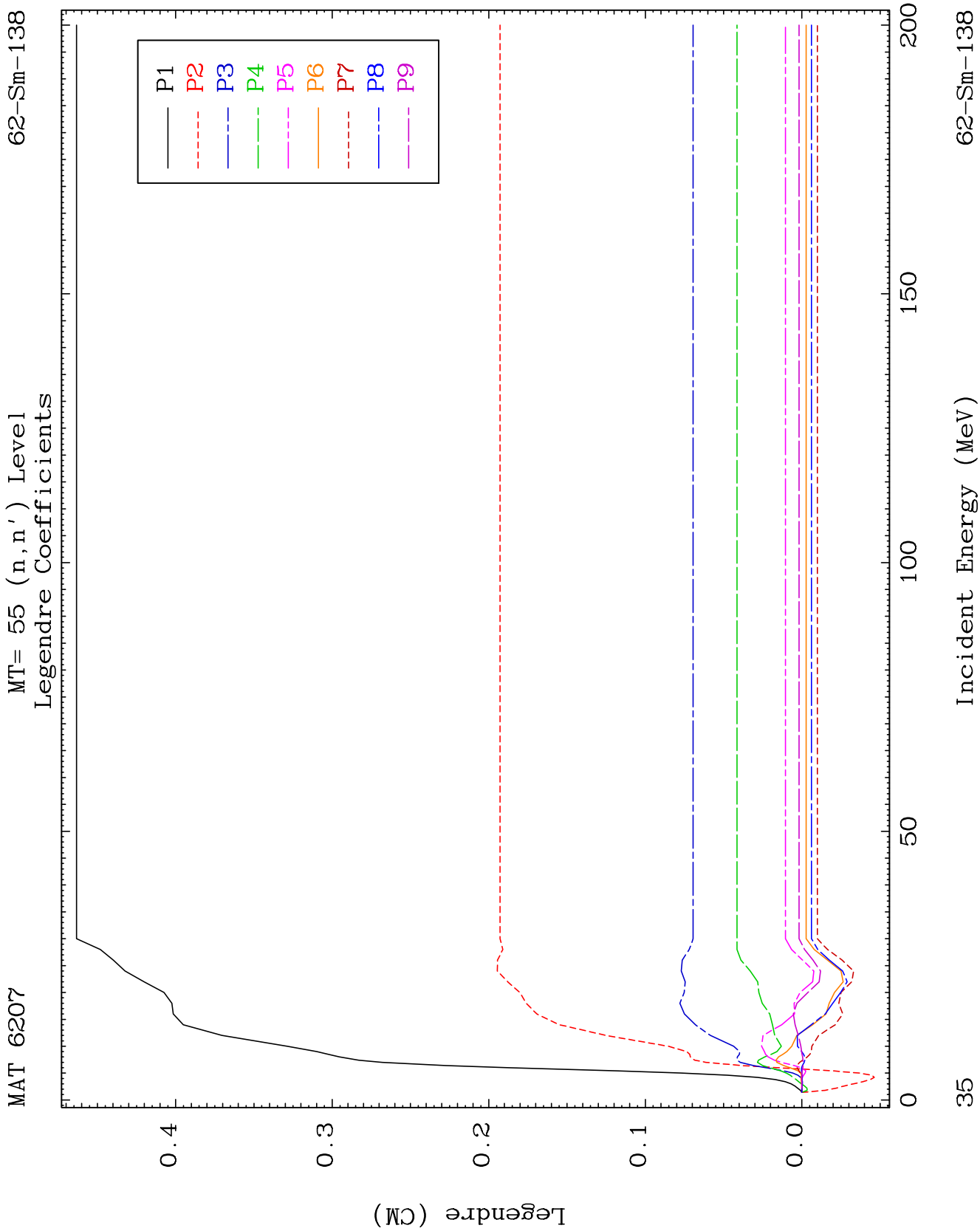


MAT 6207

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

62-Sm-138

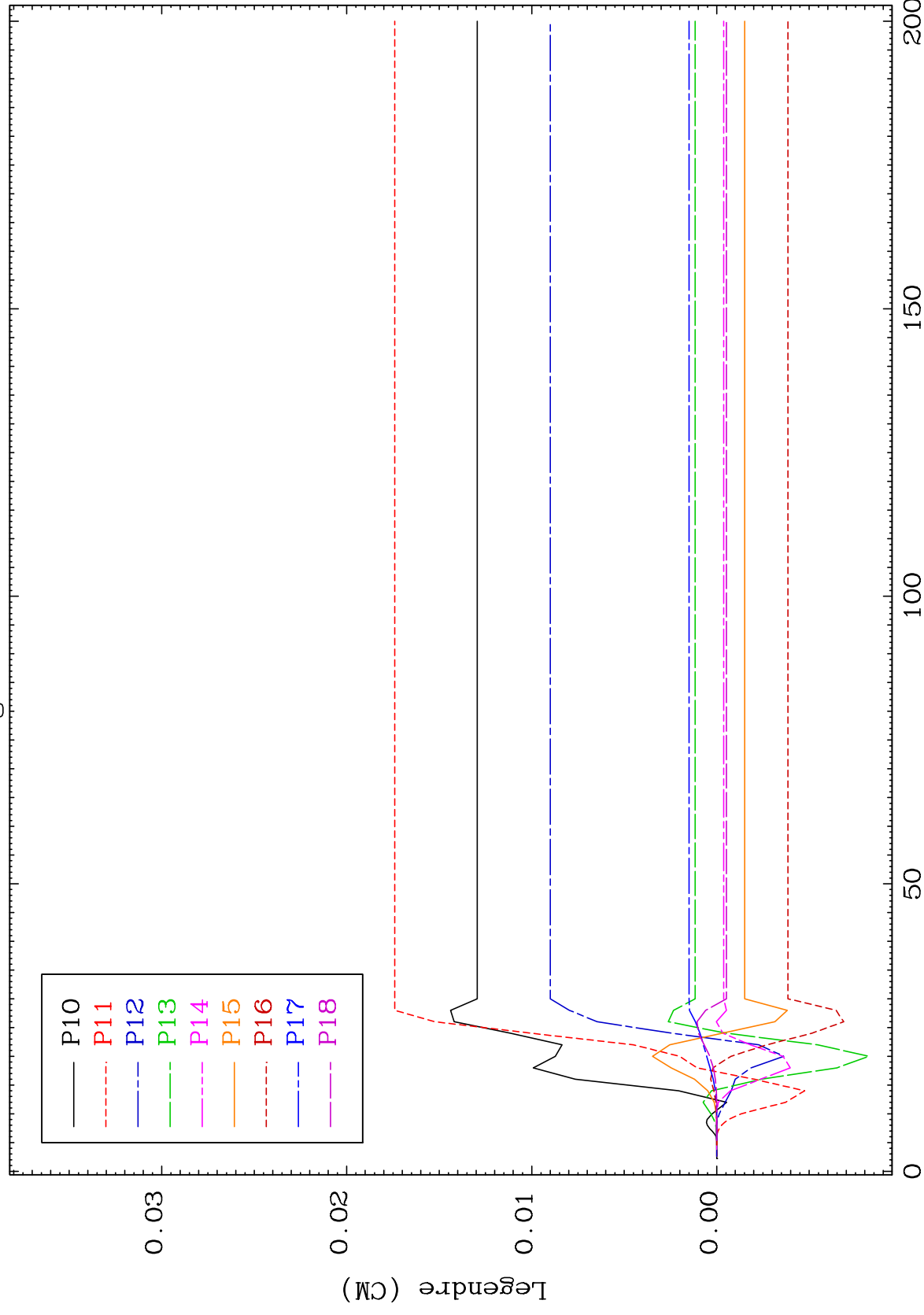




MAT 6207

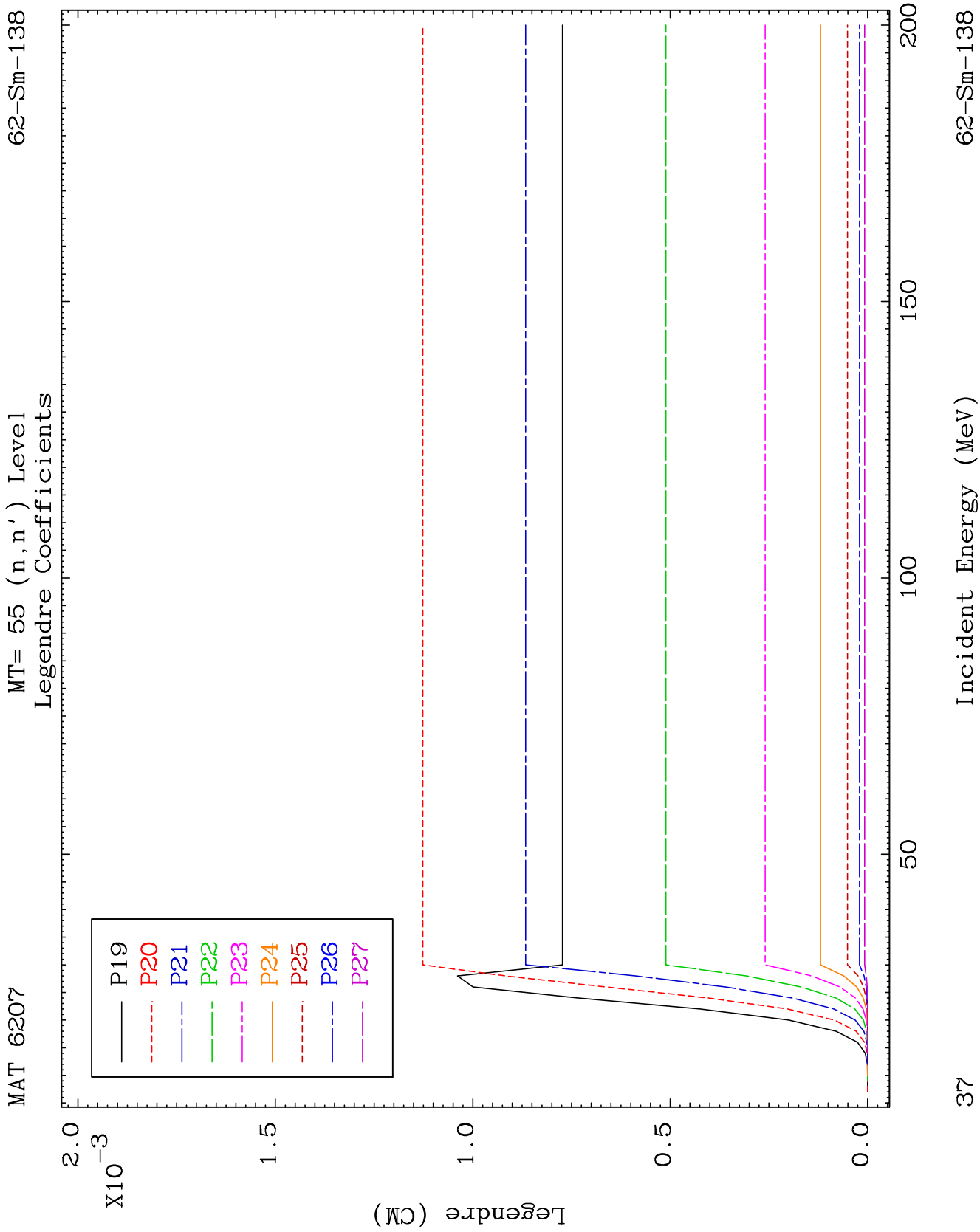
MT= 55 (n, n') Level
Legendre Coefficients

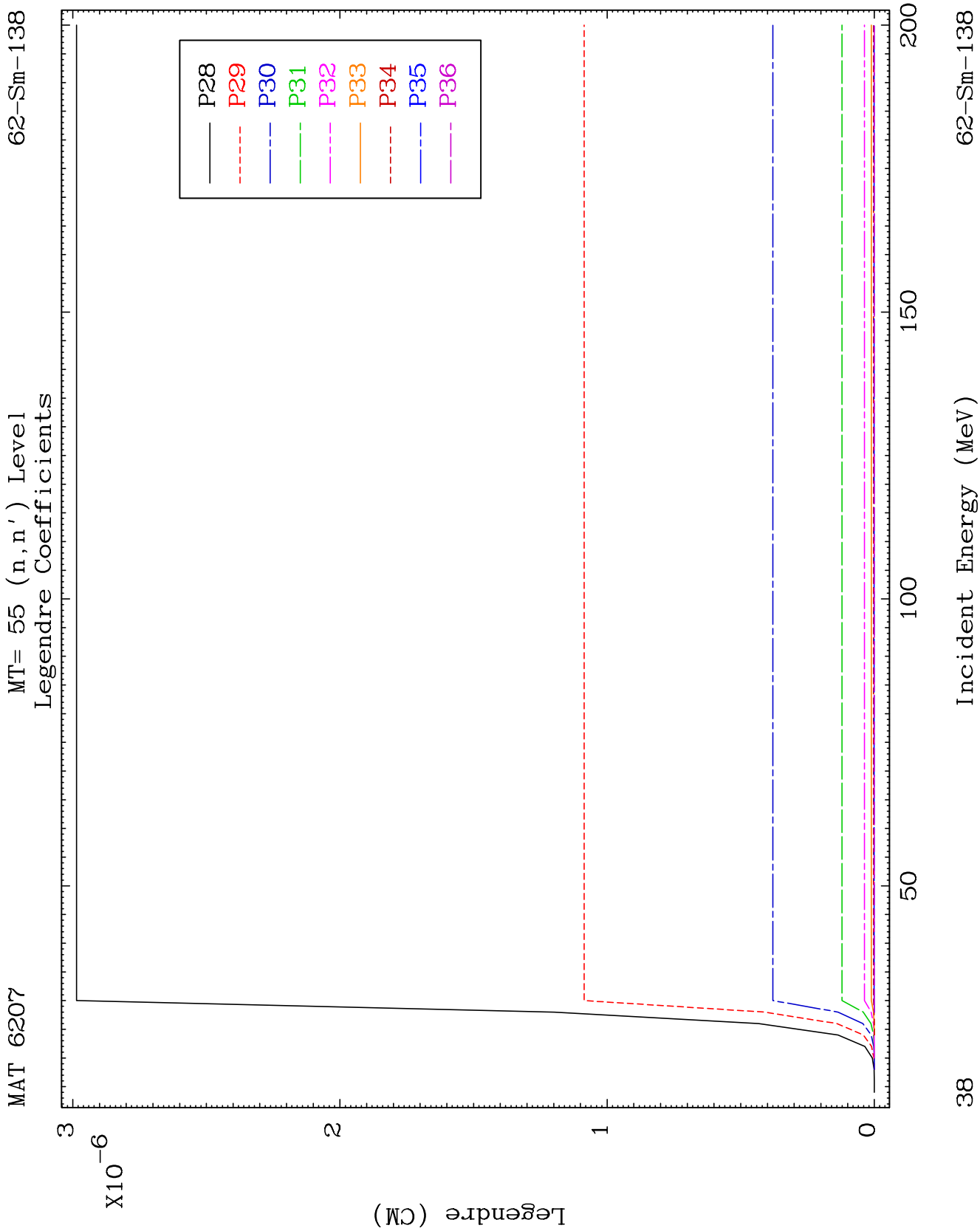
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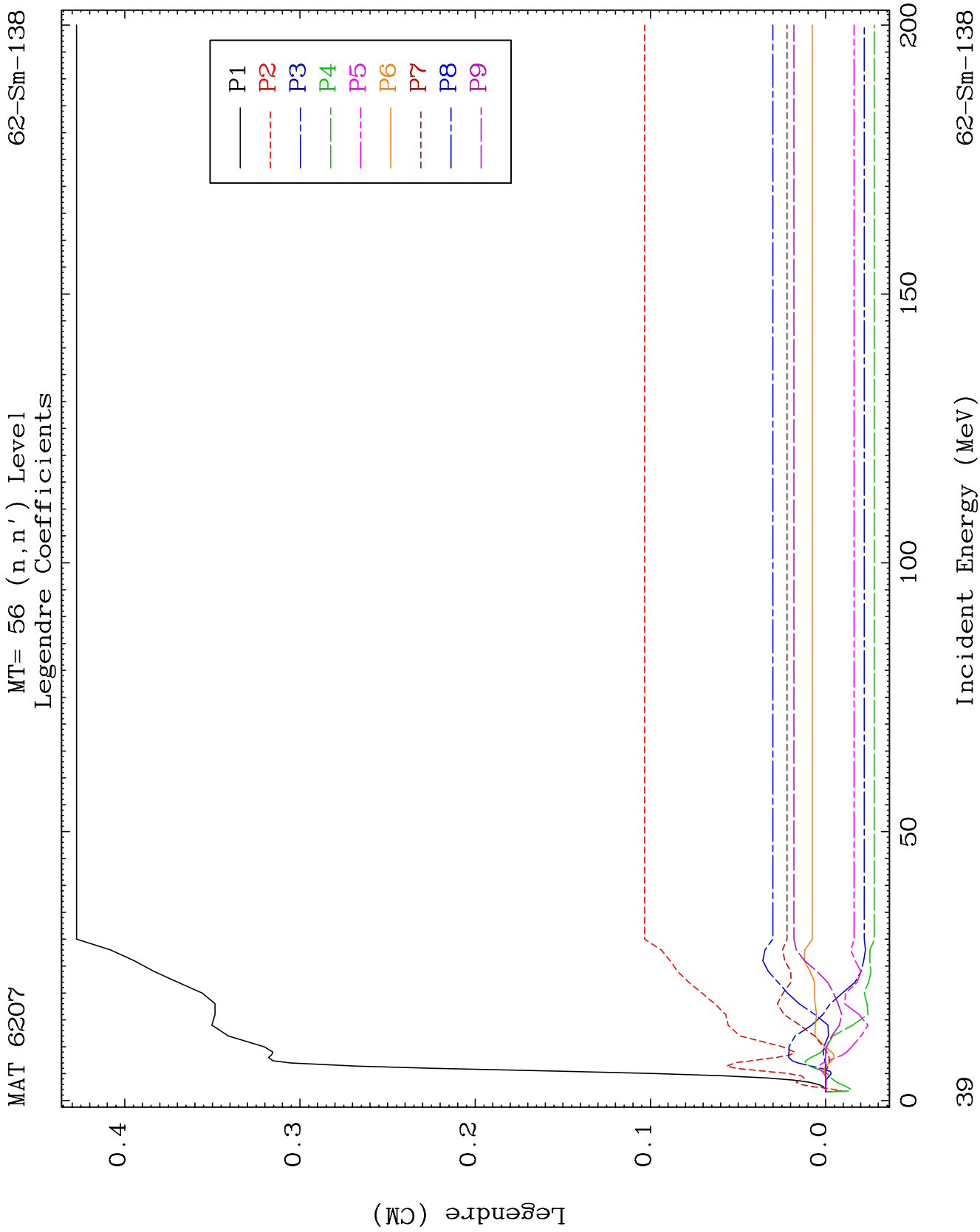


62-Sm-138

Incident Energy (MeV)



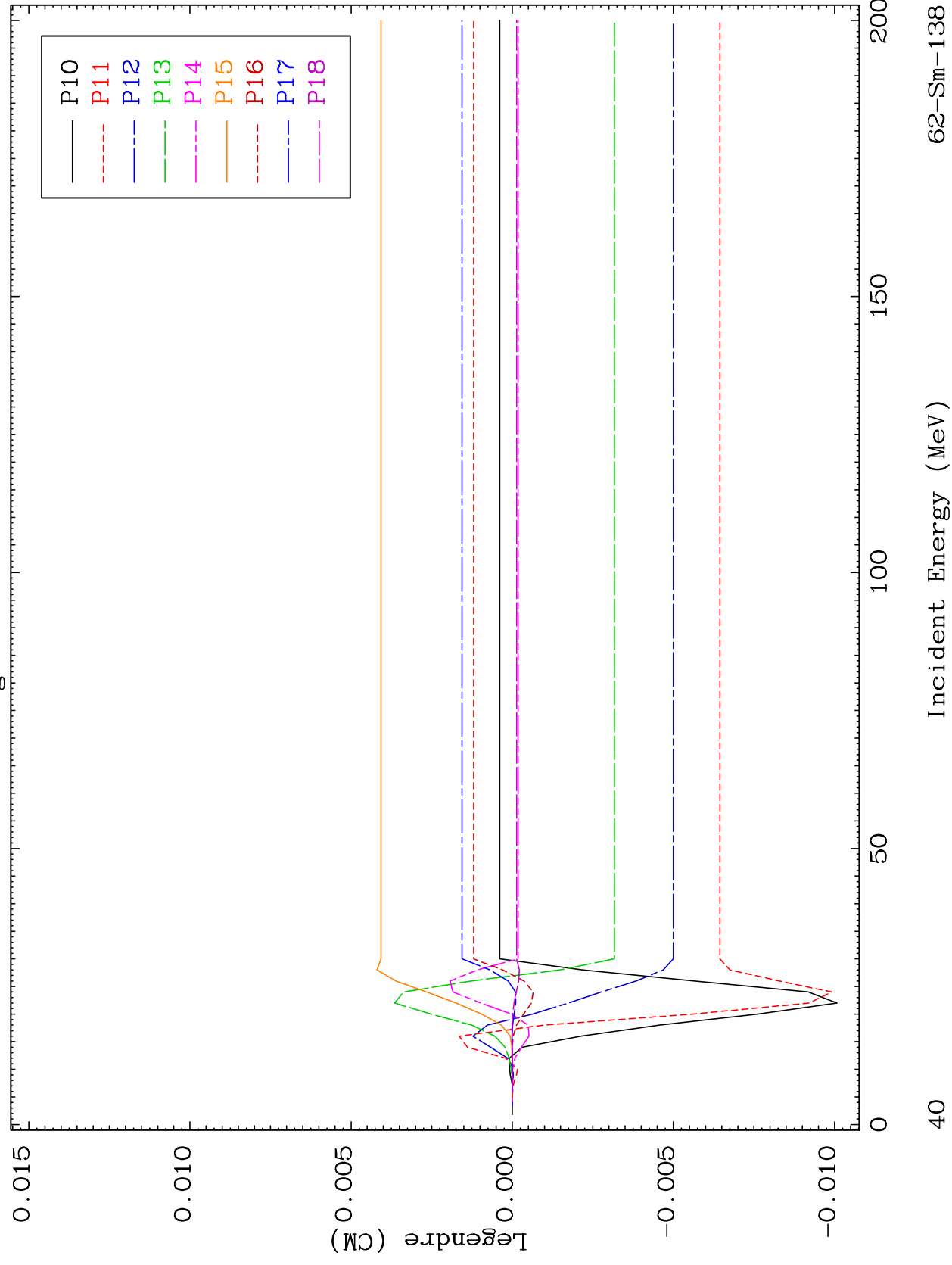


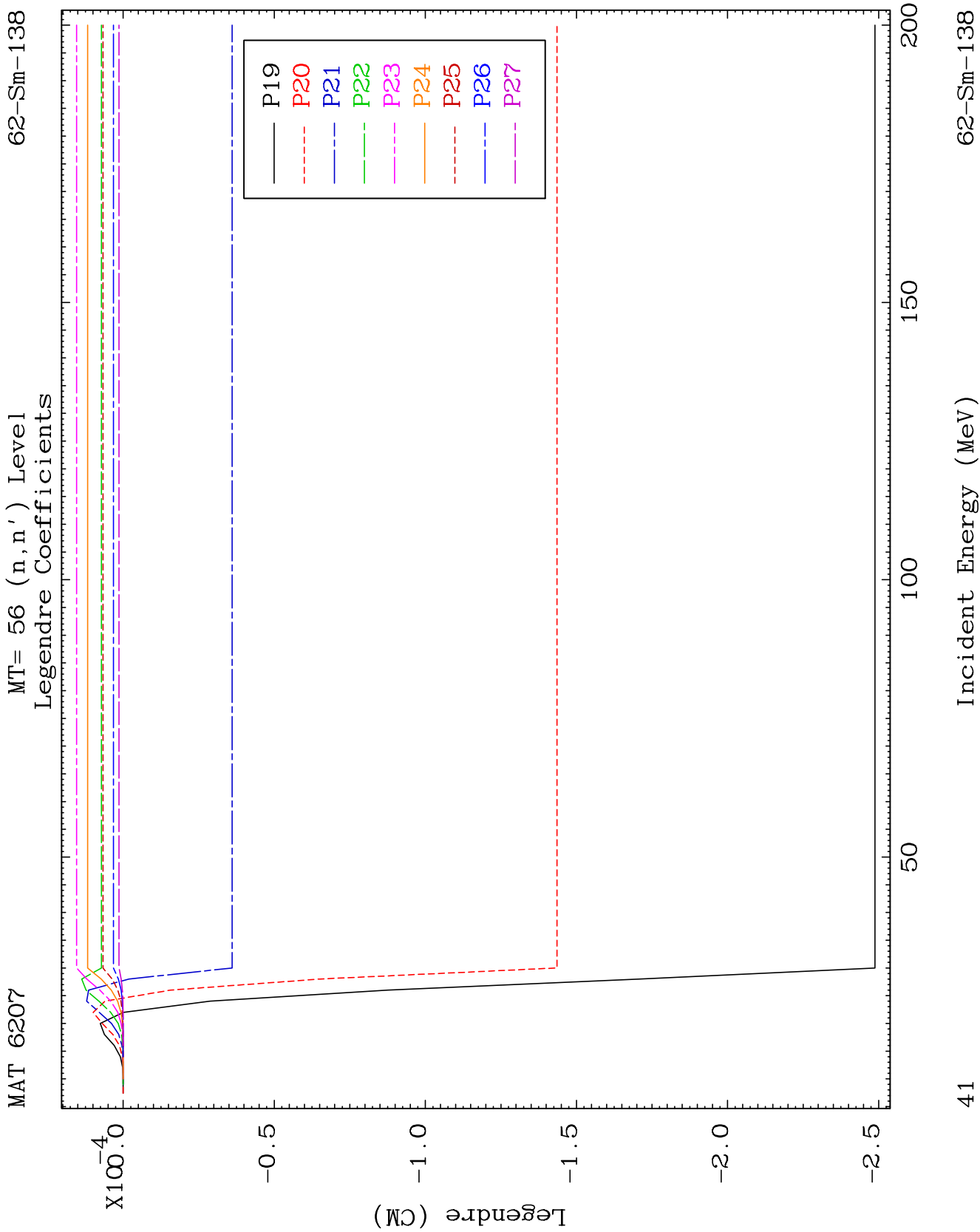


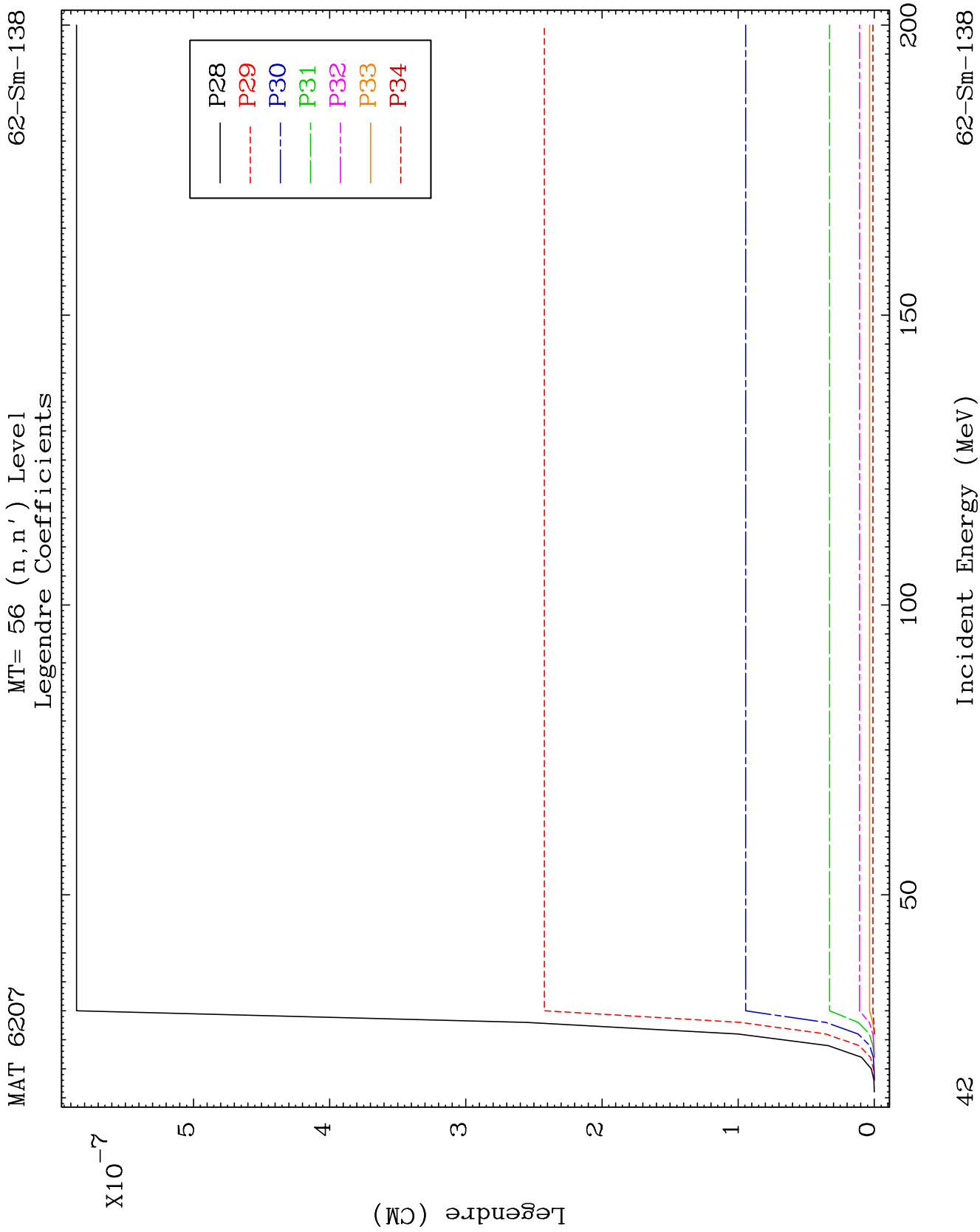
MAT 6207

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

62-Sm-138



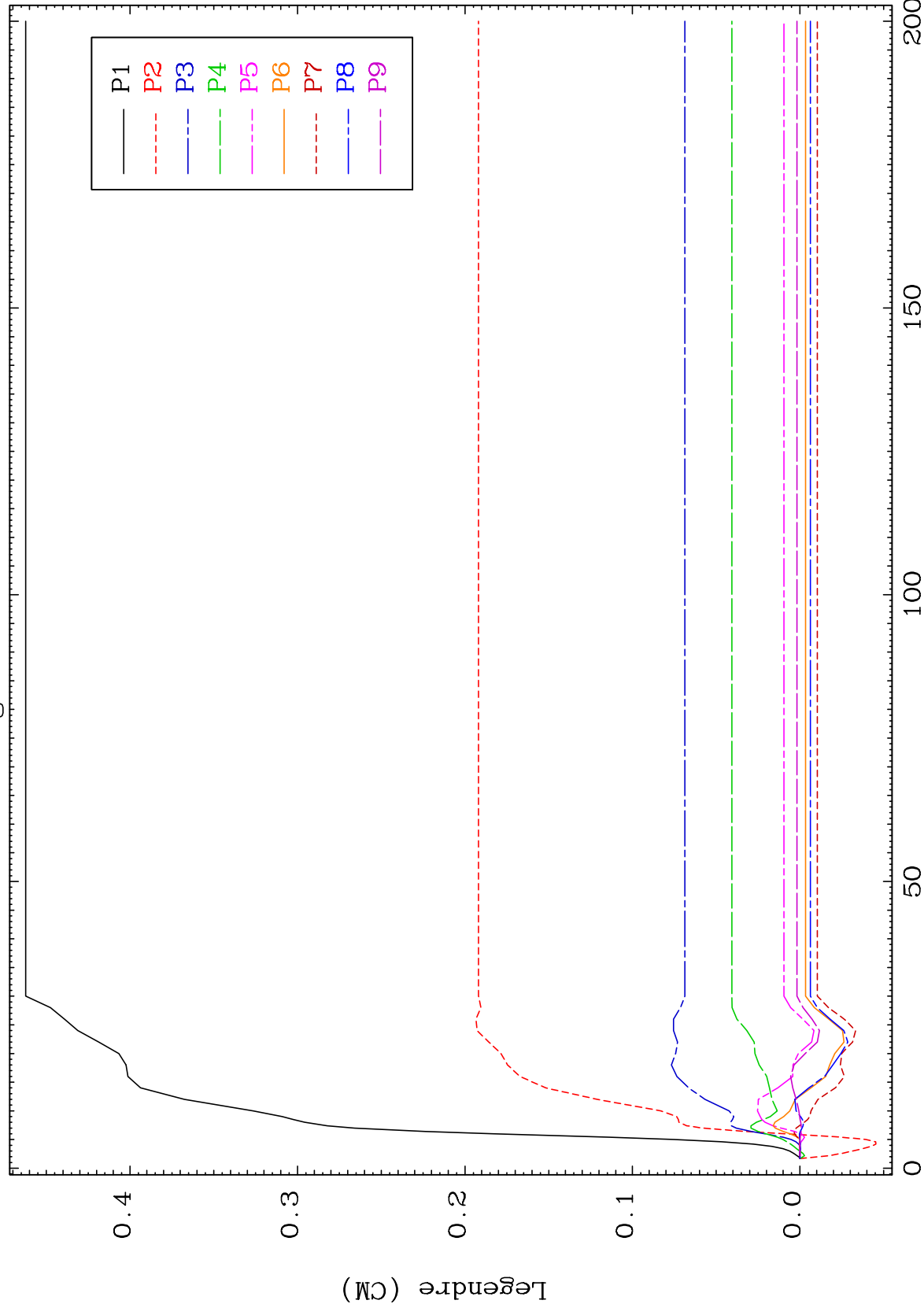




MAT 6207

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

62-Sm-138



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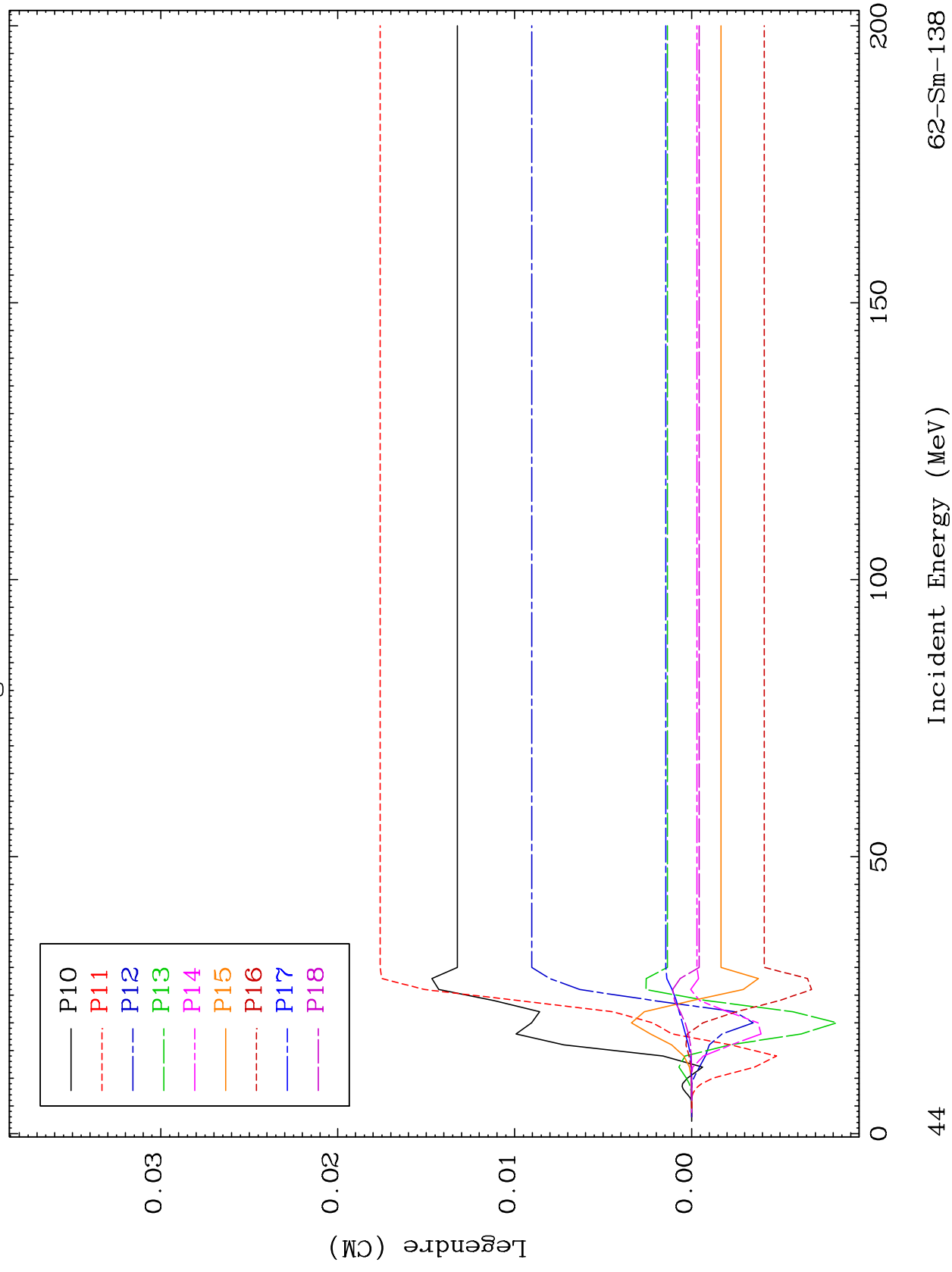
Incident Energy (MeV)

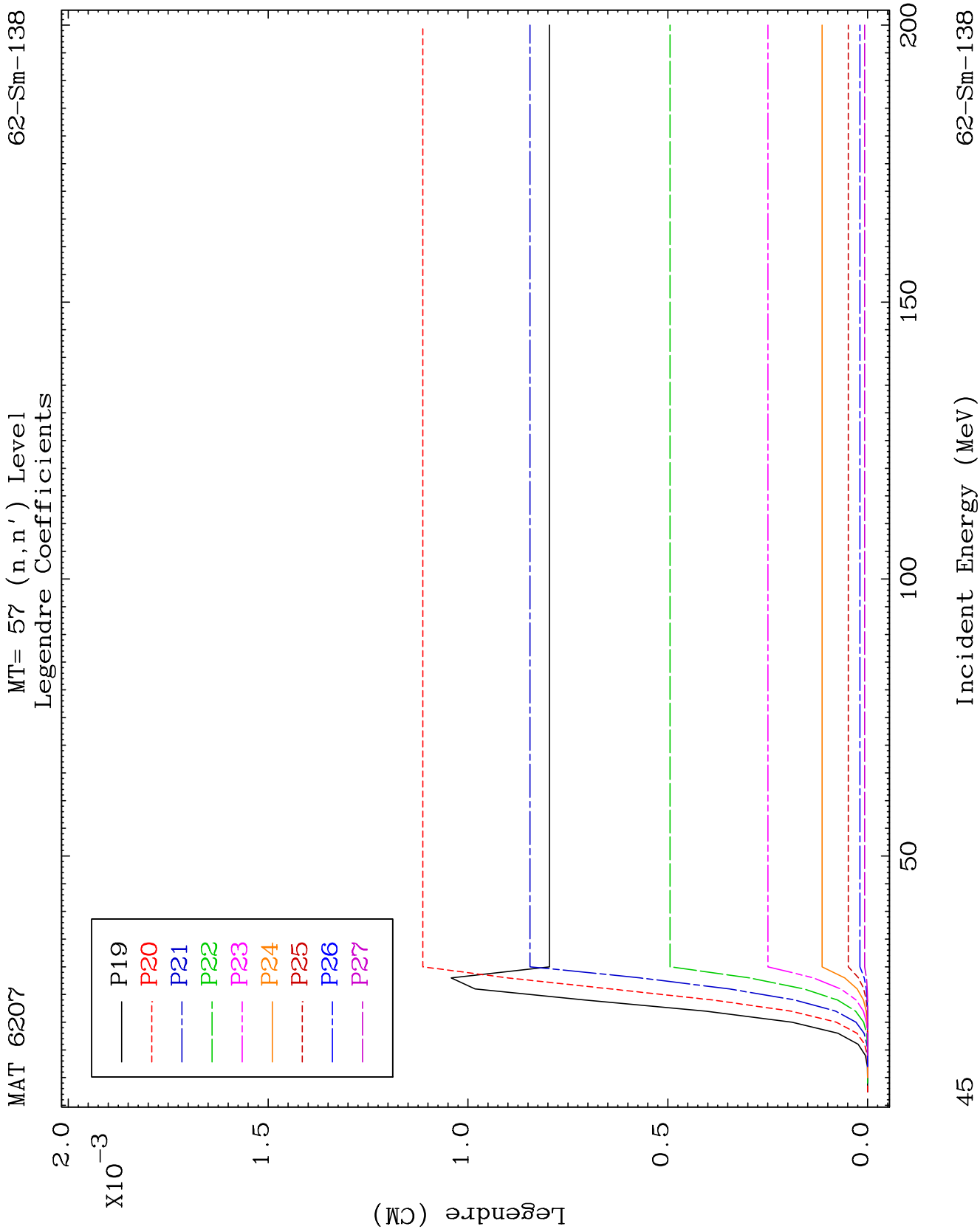
62-Sm-138

MAT 6207

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

62-Sm-138

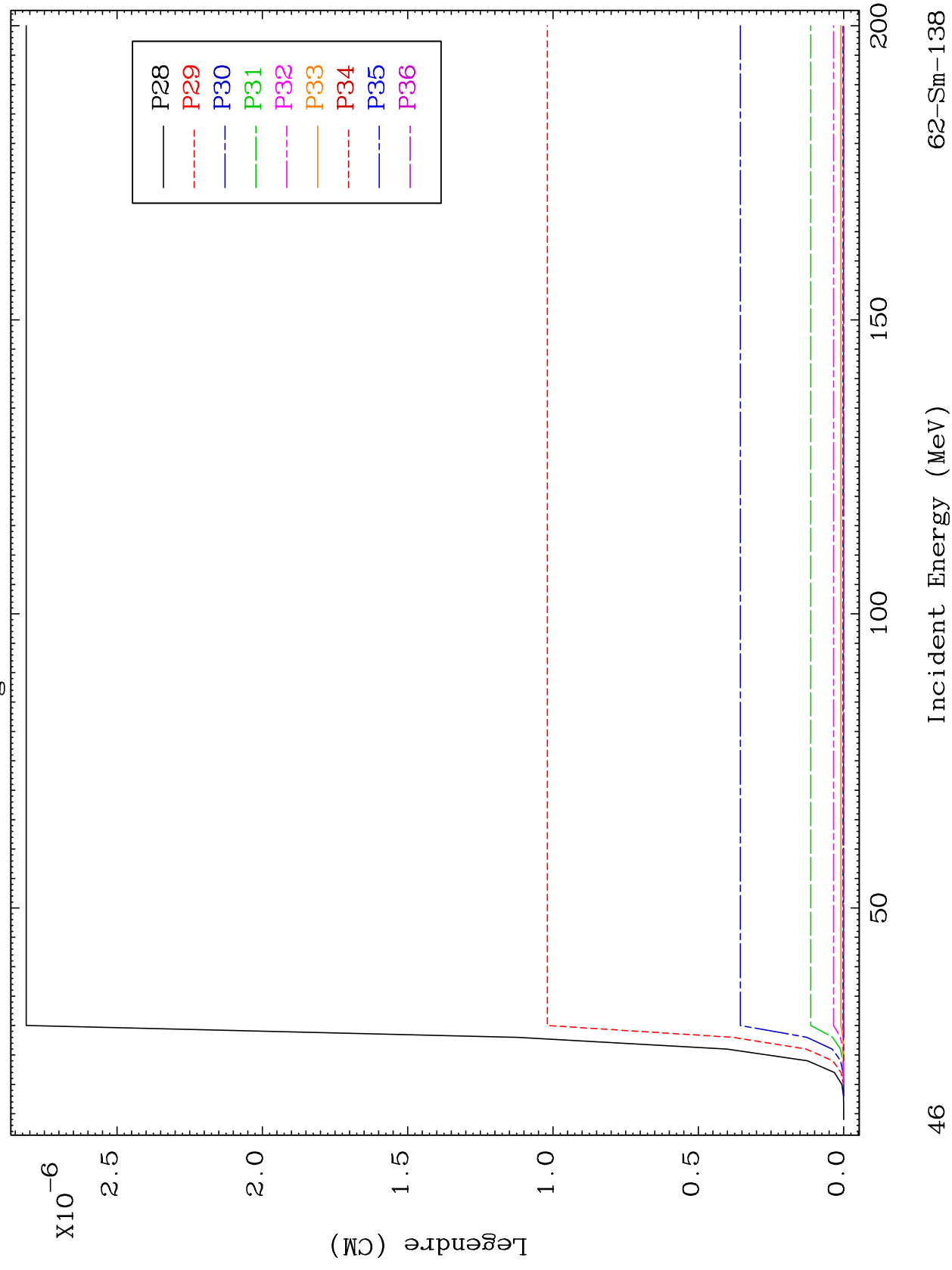


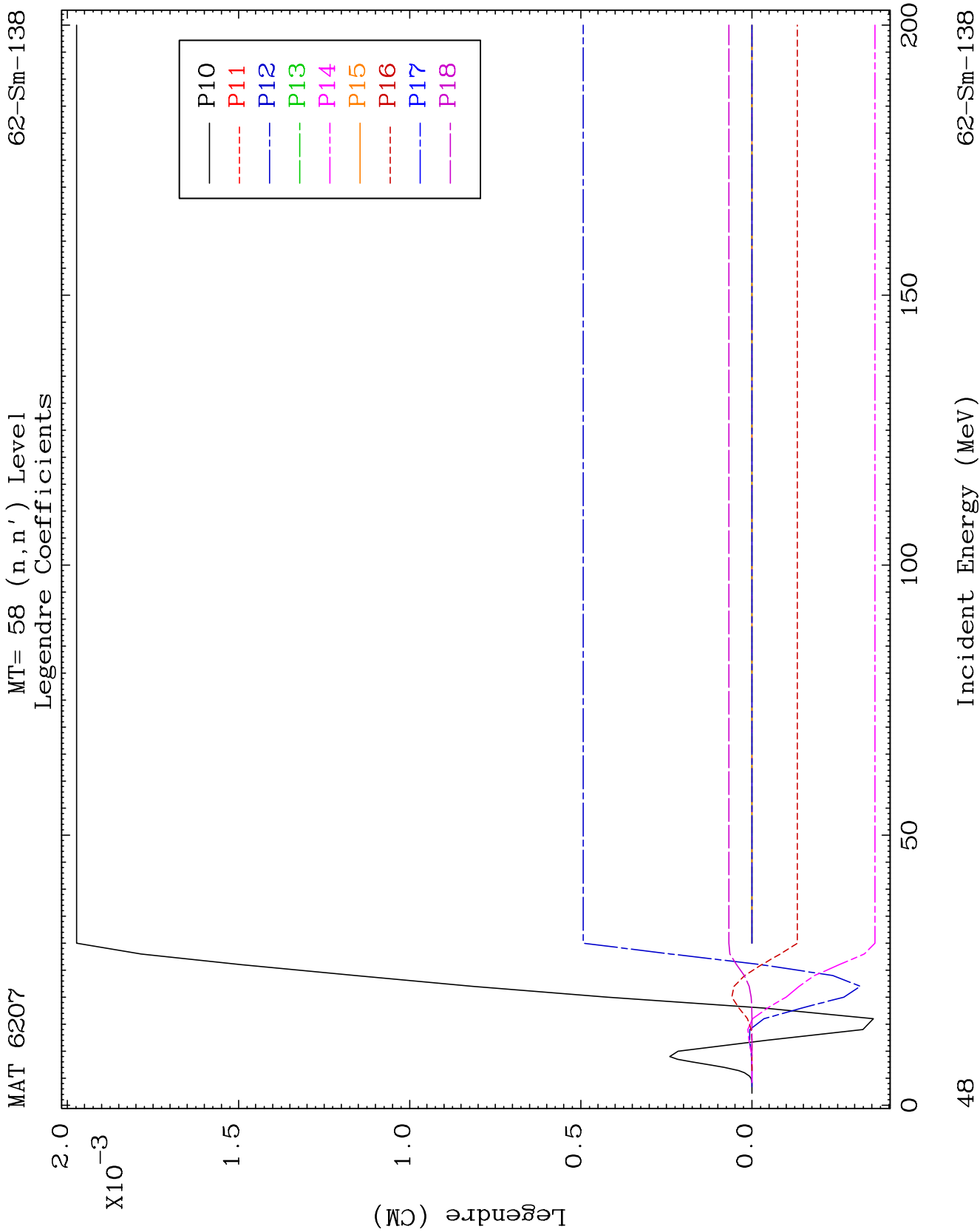


MAT 6207

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

62-Sm-138

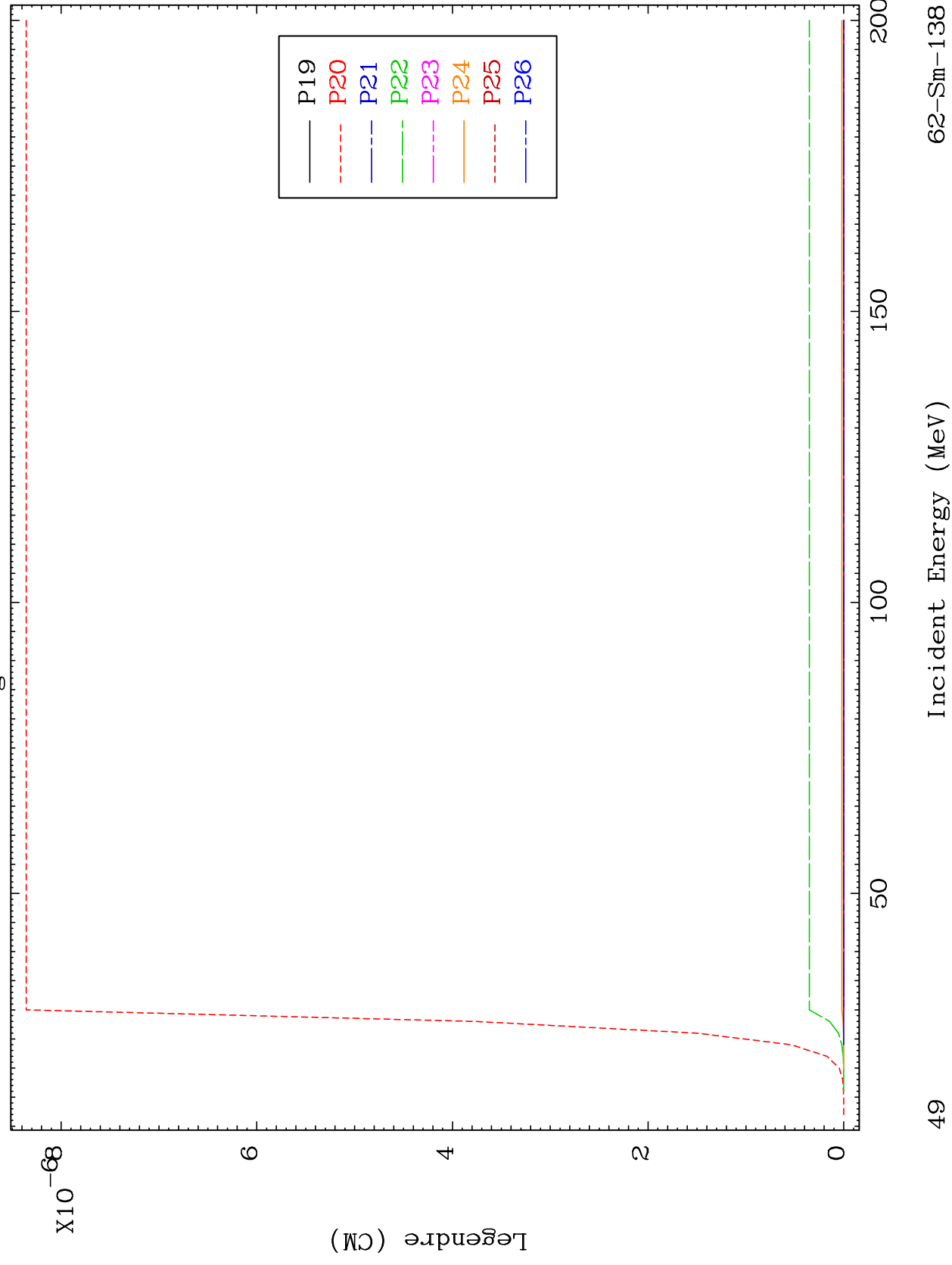




MAT 6207

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

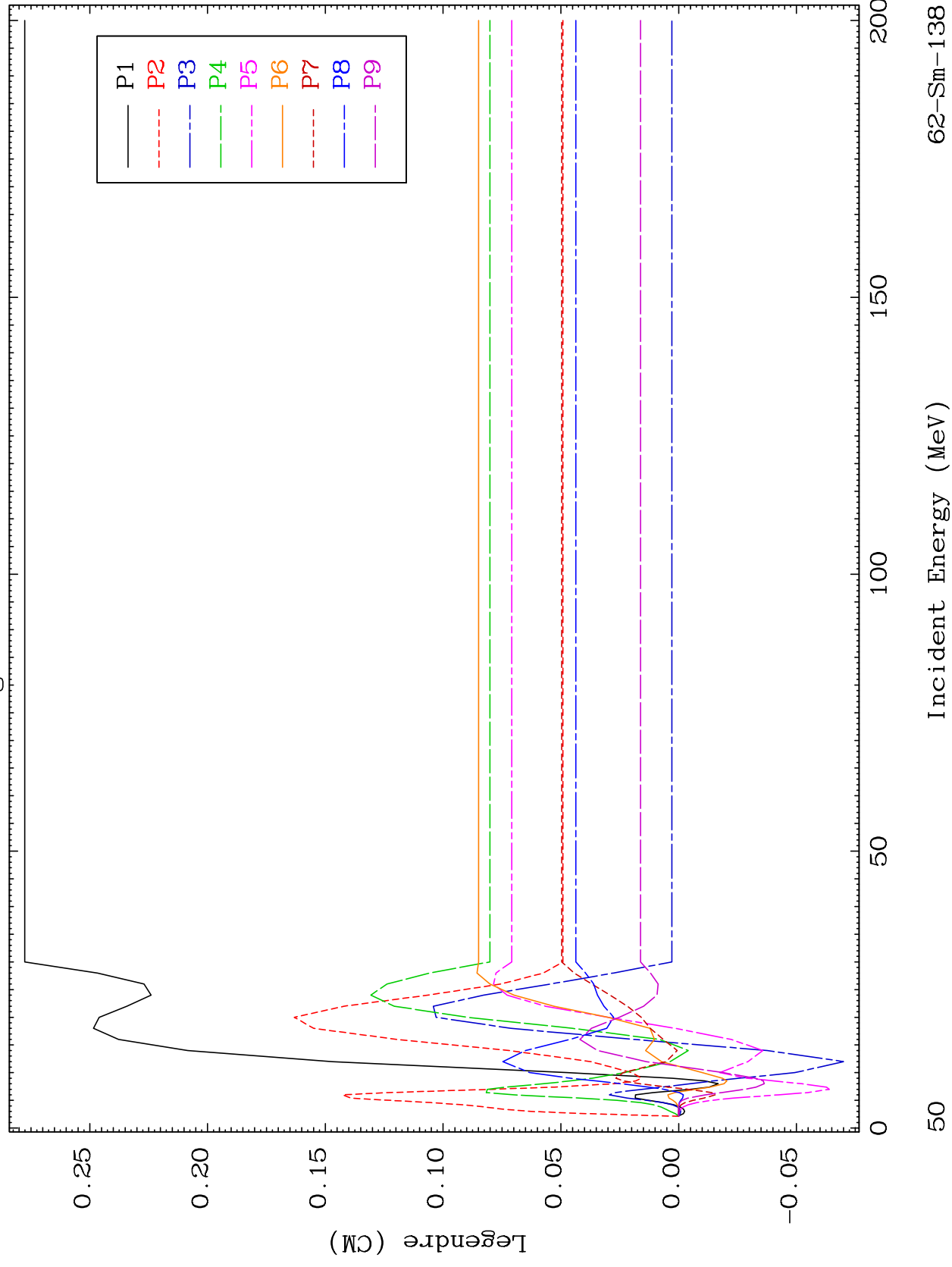
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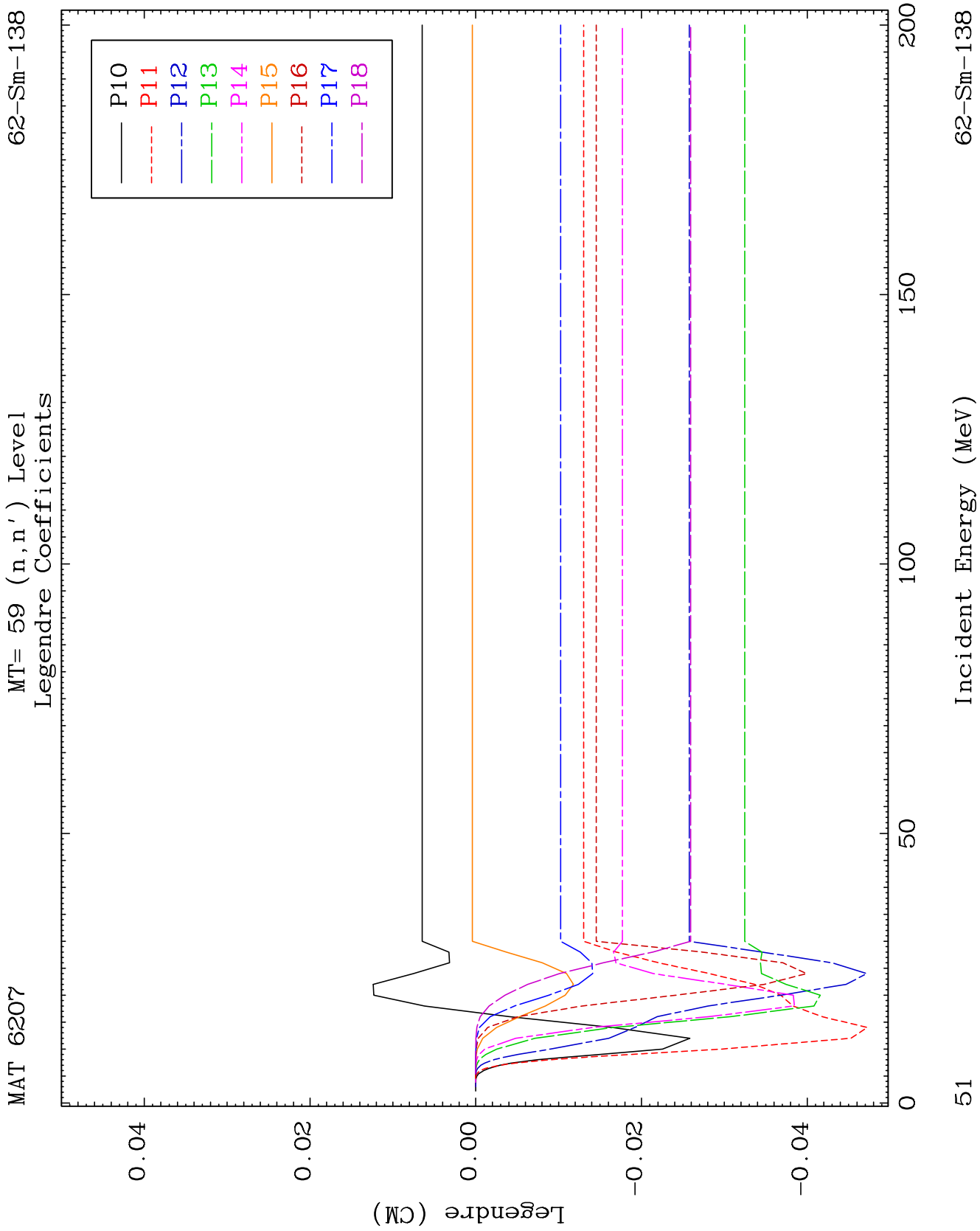


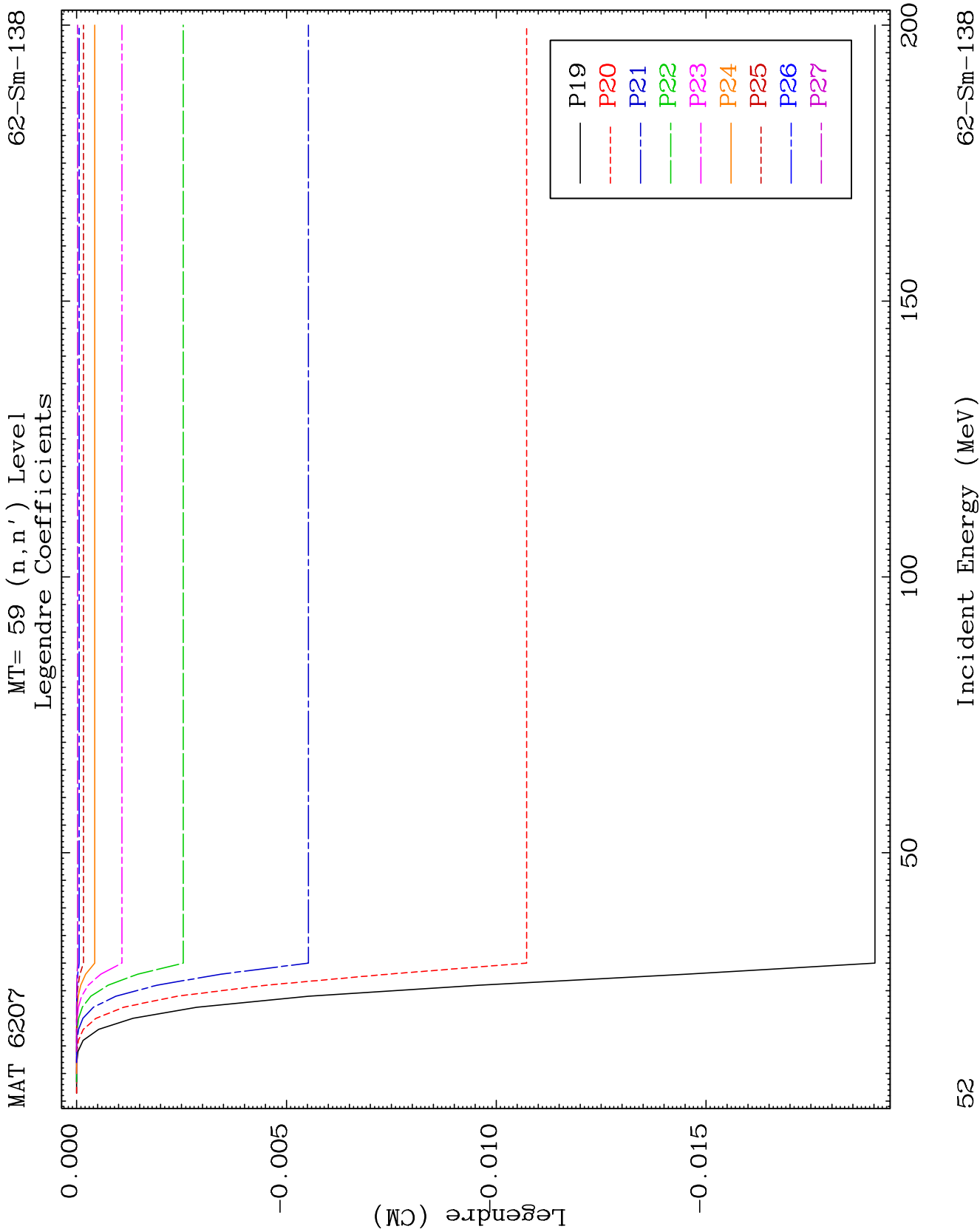
MAT 6207

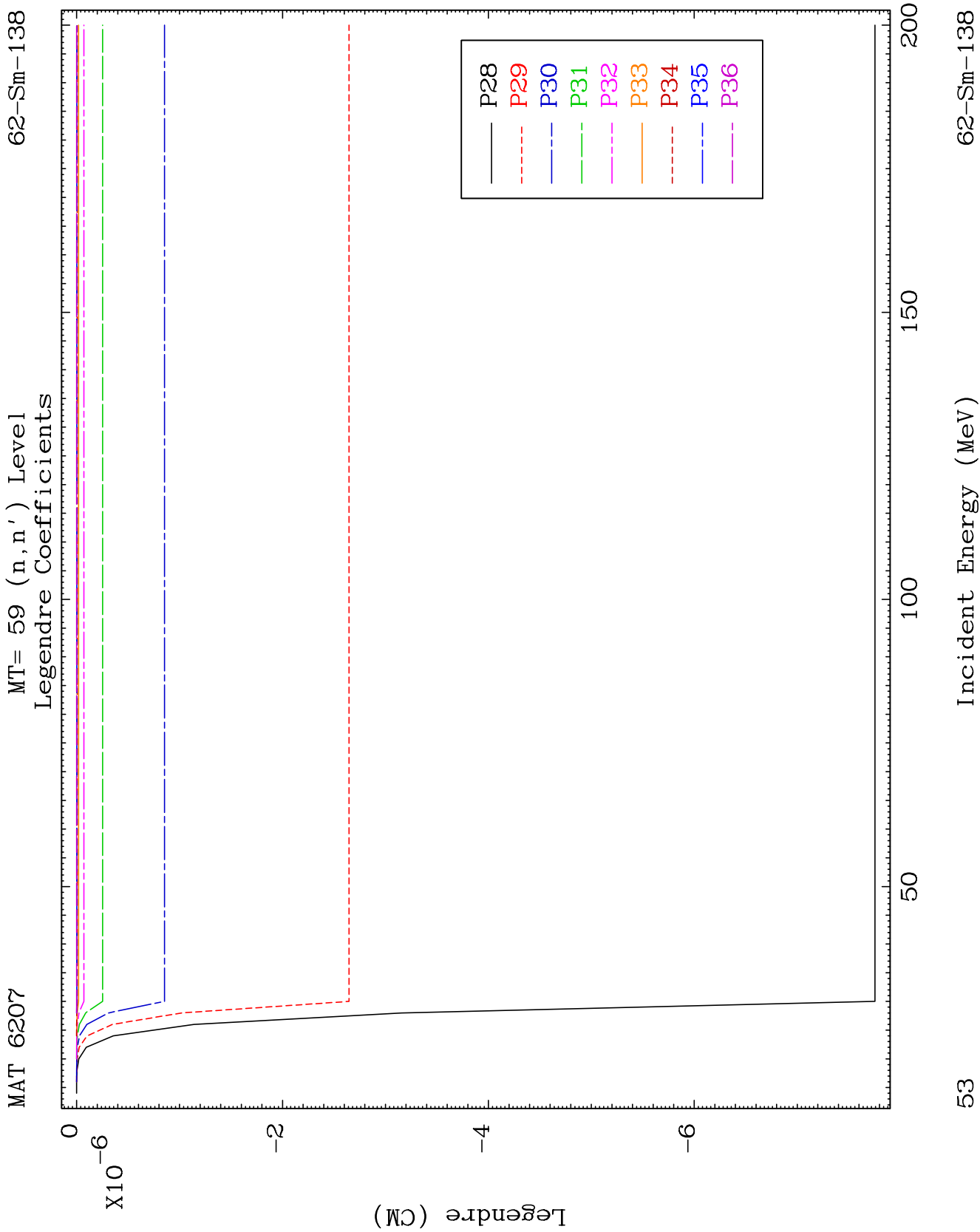
MT= 59 (n, n') Level
Legendre Coefficients

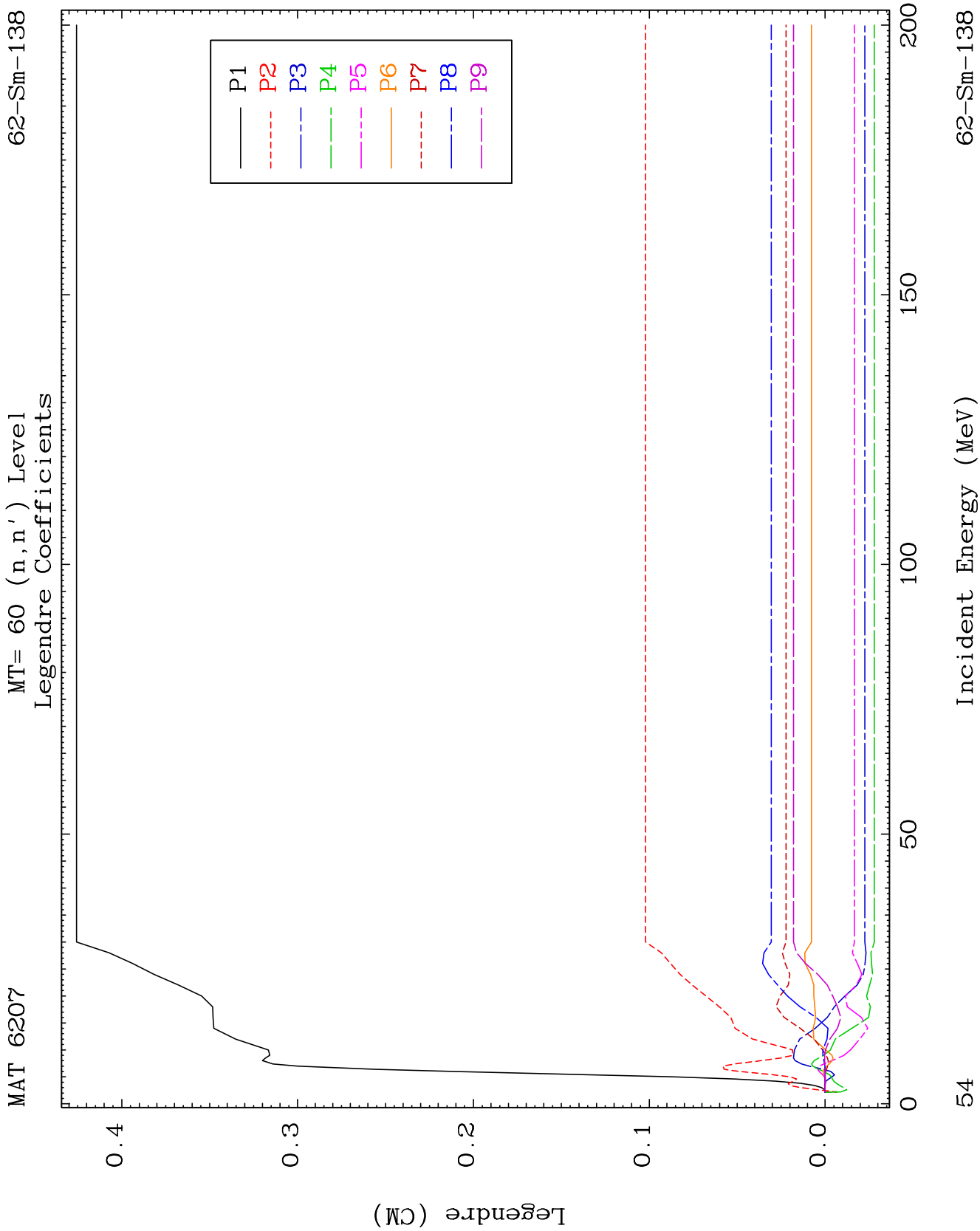
62-Sm-138







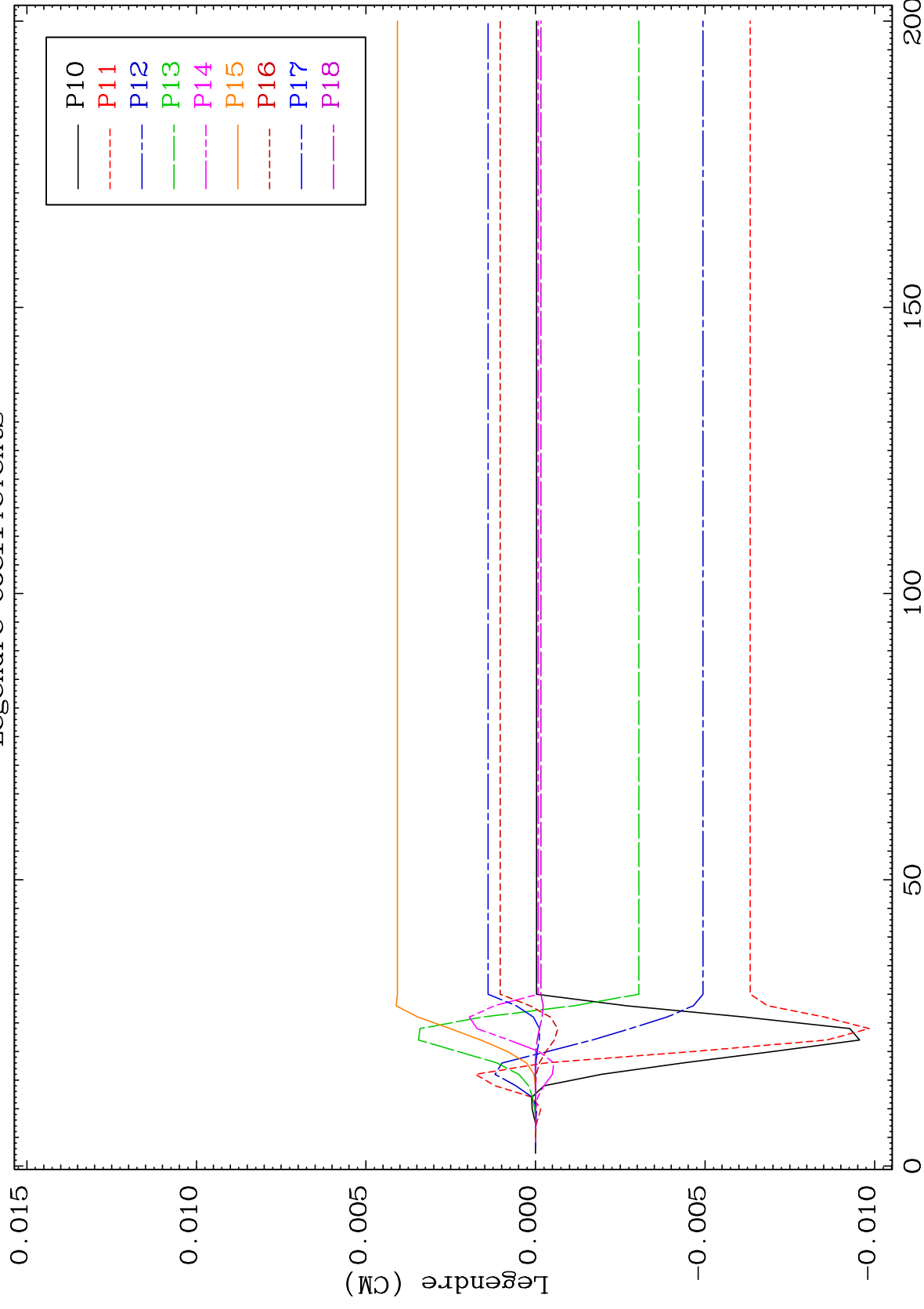




MAT 6207

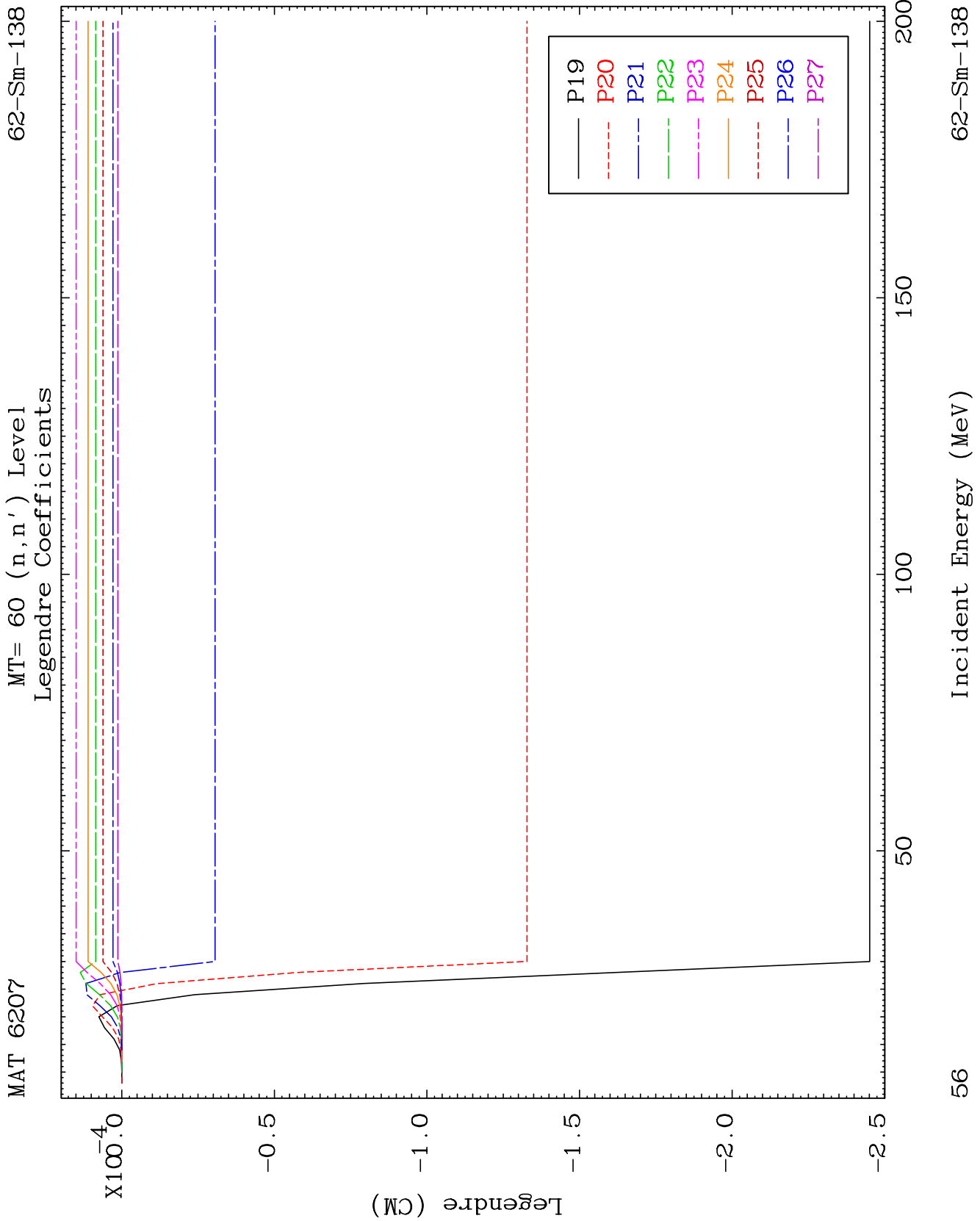
MT= 60 (n, n') Level
Legendre Coefficients

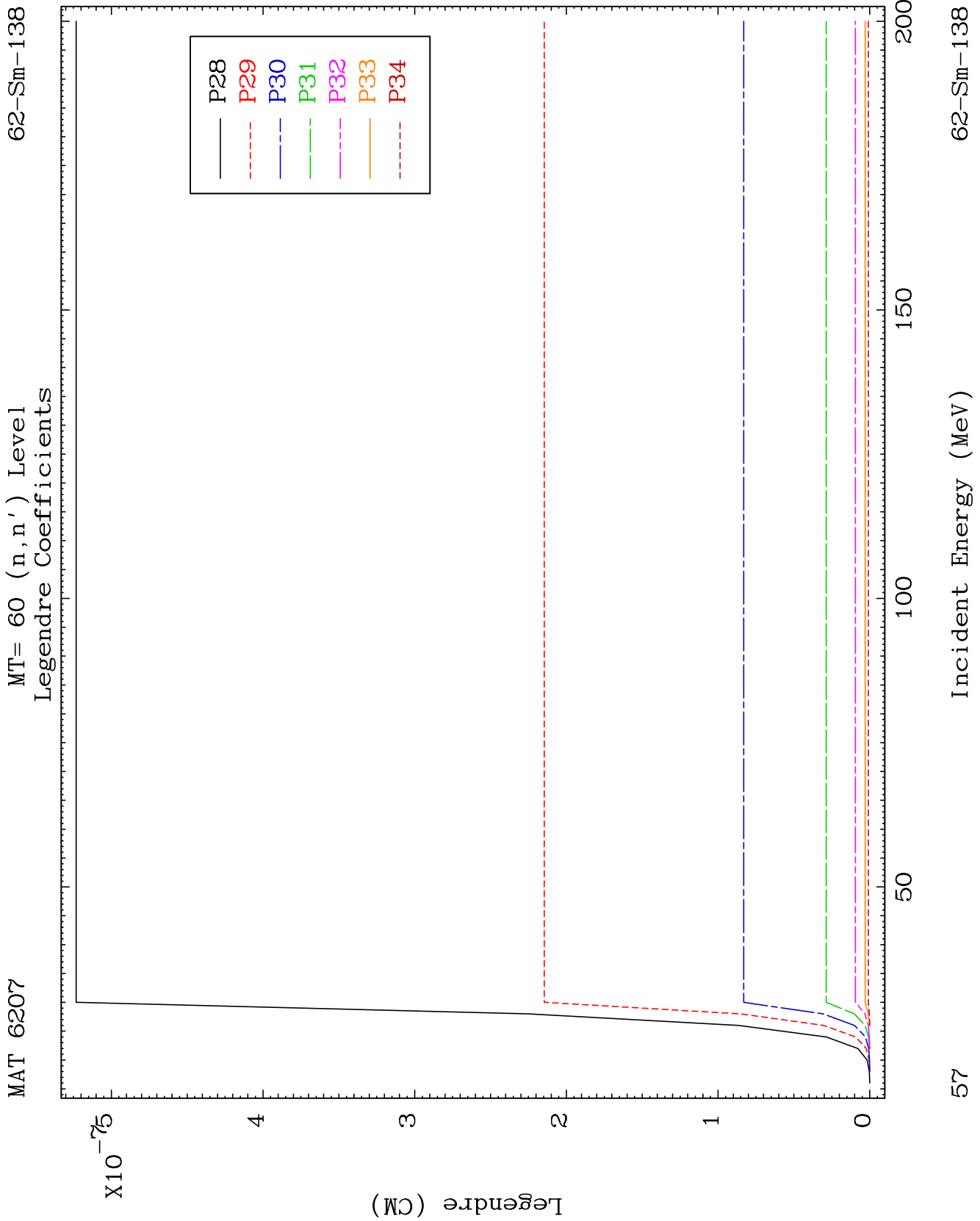
62-Sm-138

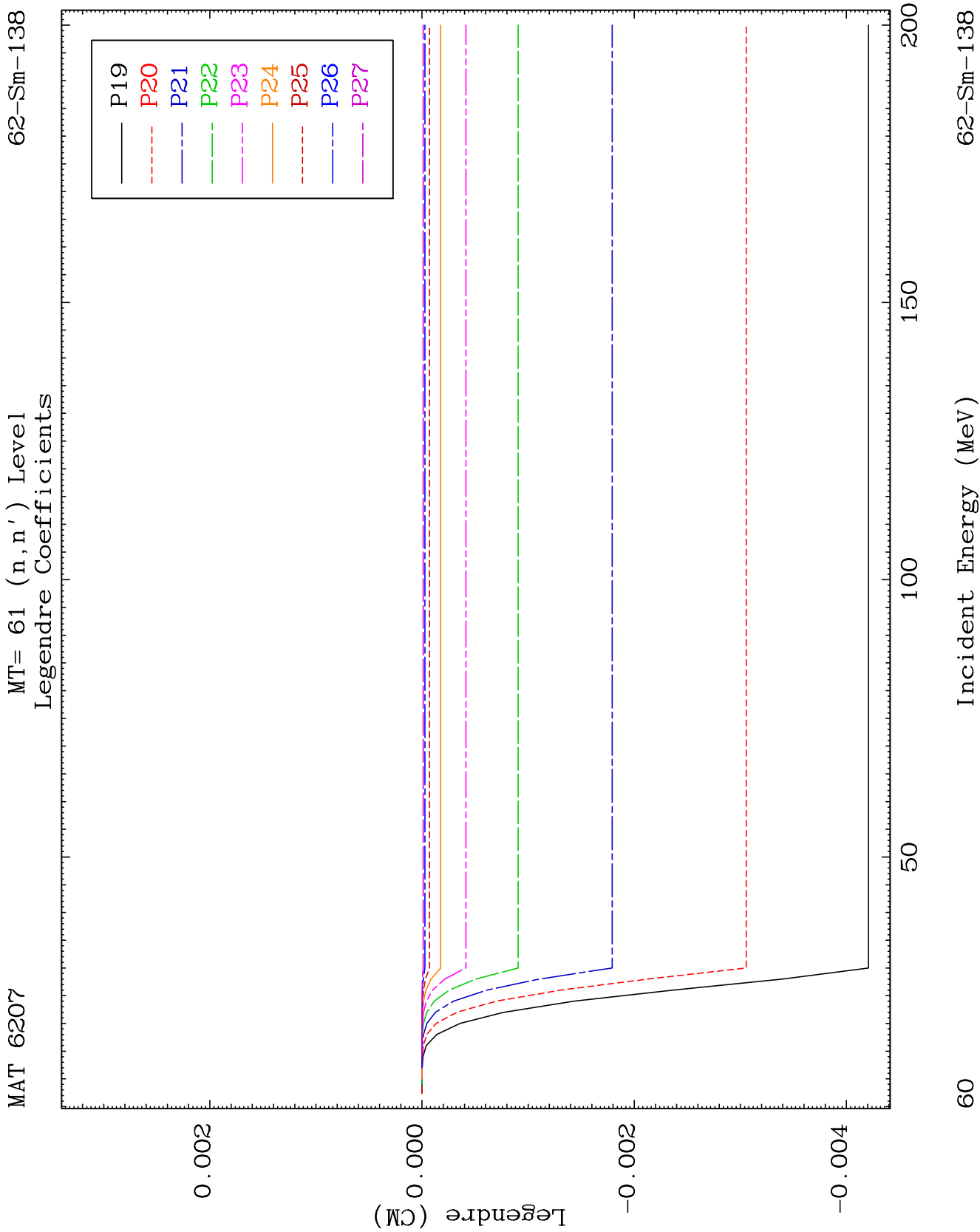


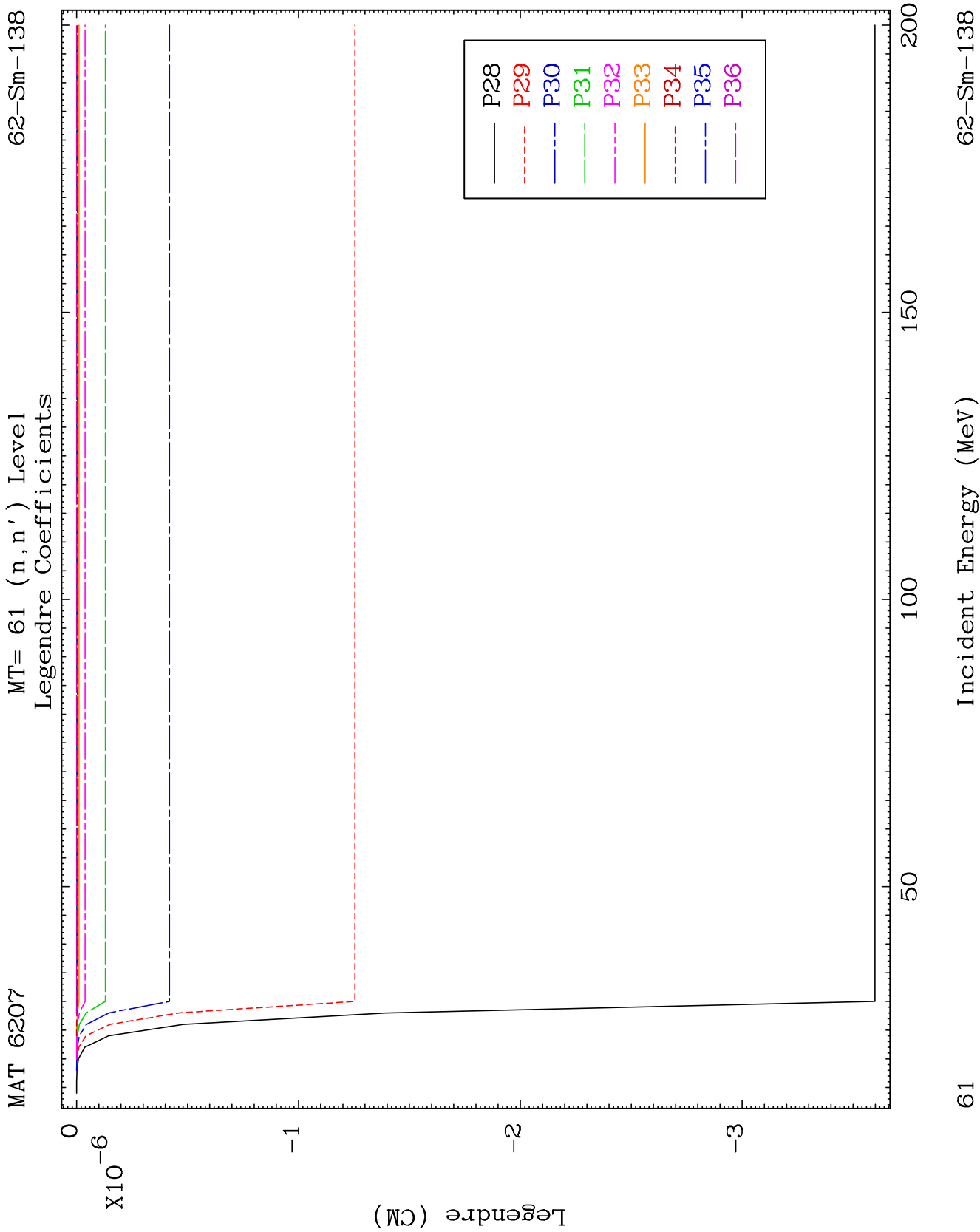
Incident Energy (MeV)

62-Sm-138





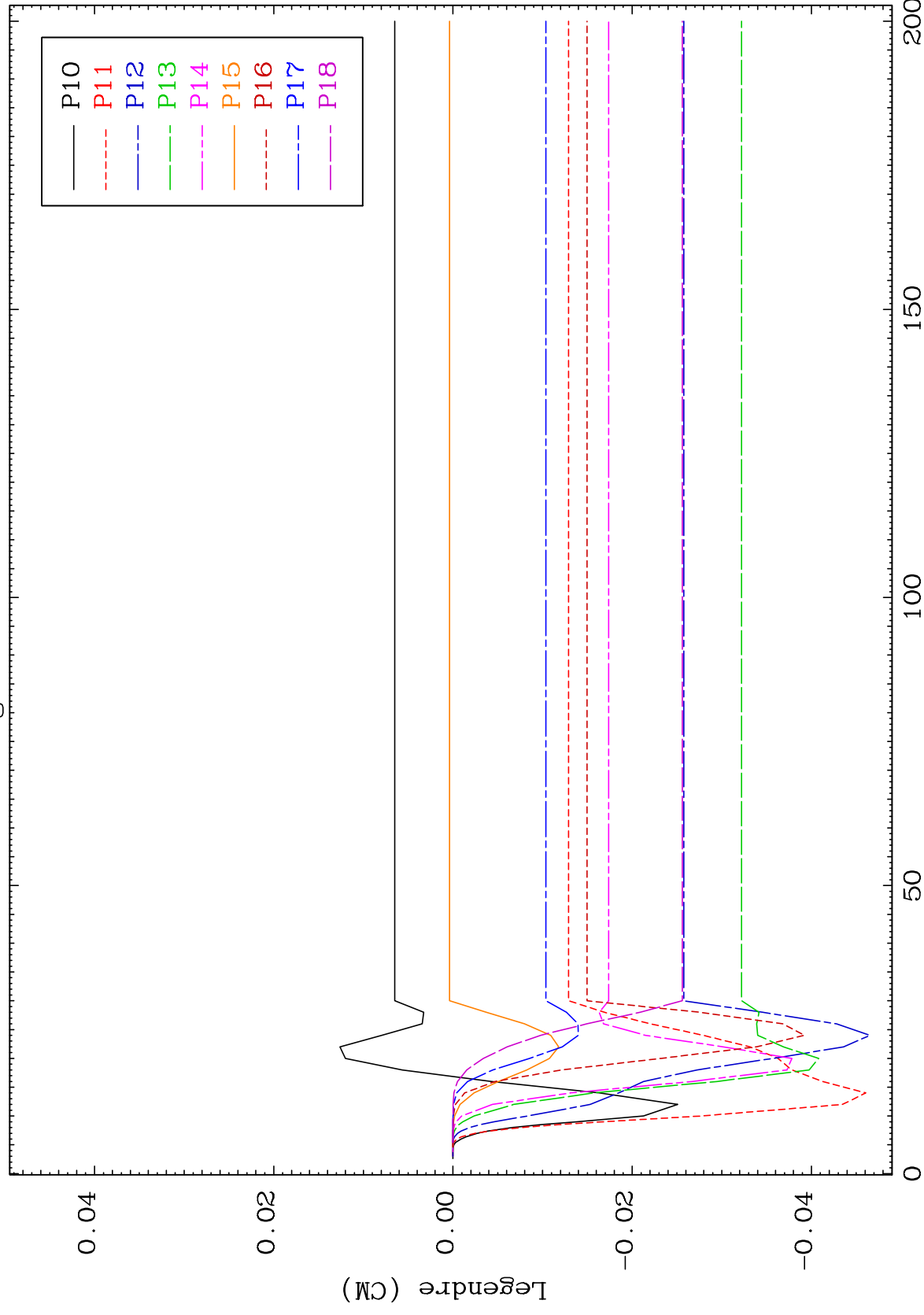




MAT 6207

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

62-Sm-138



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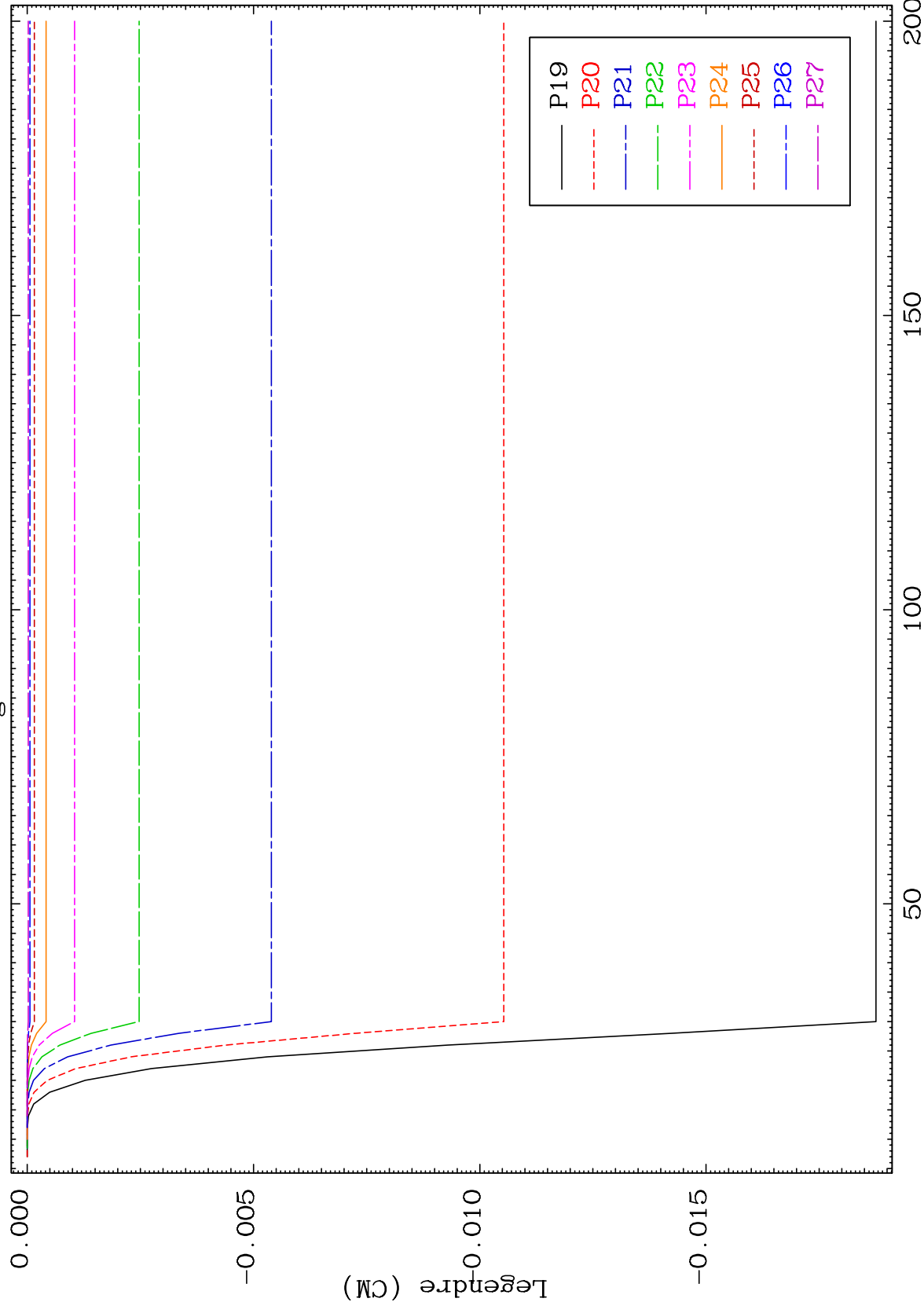
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

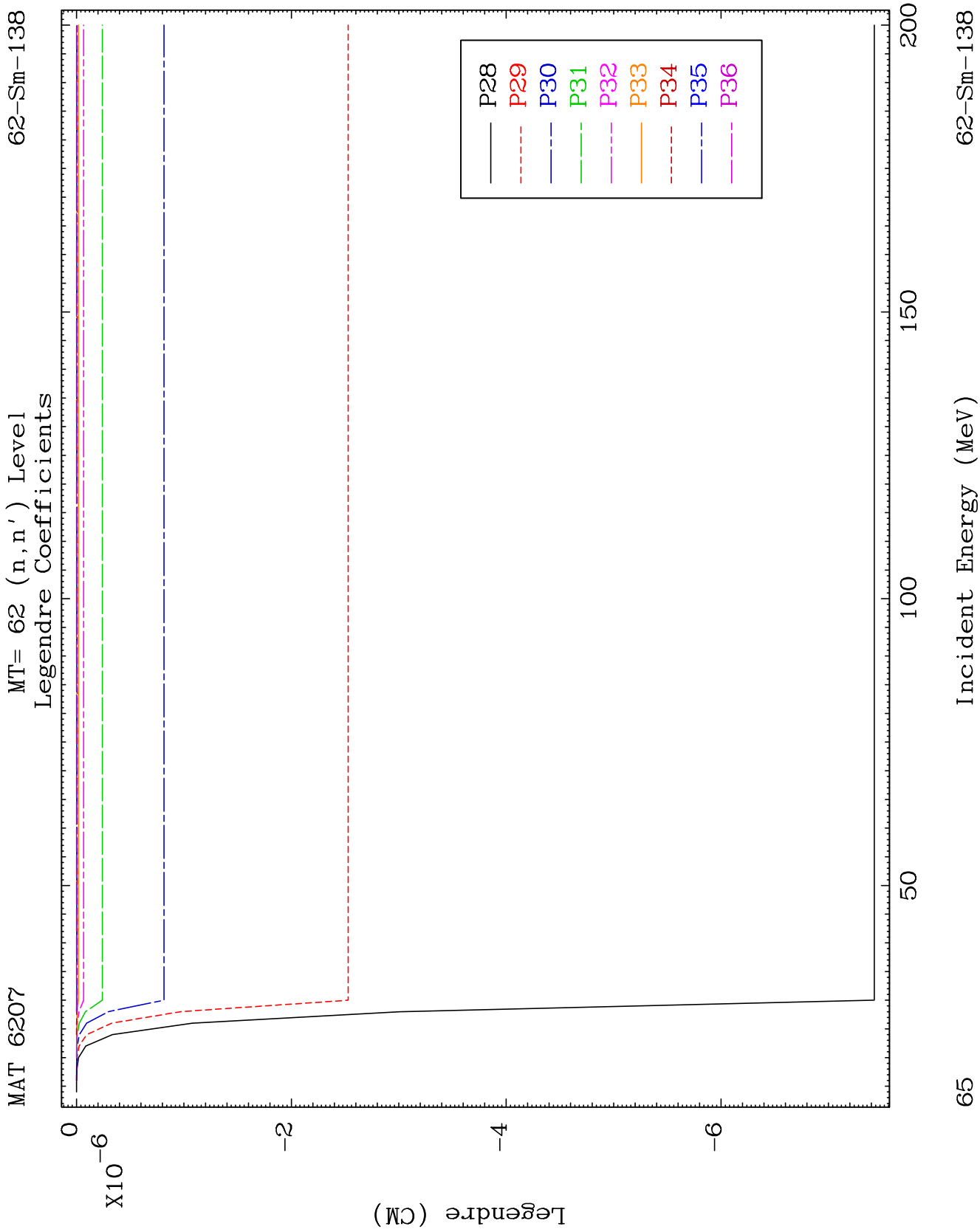
62-Sm-138



64

Incident Energy (MeV)

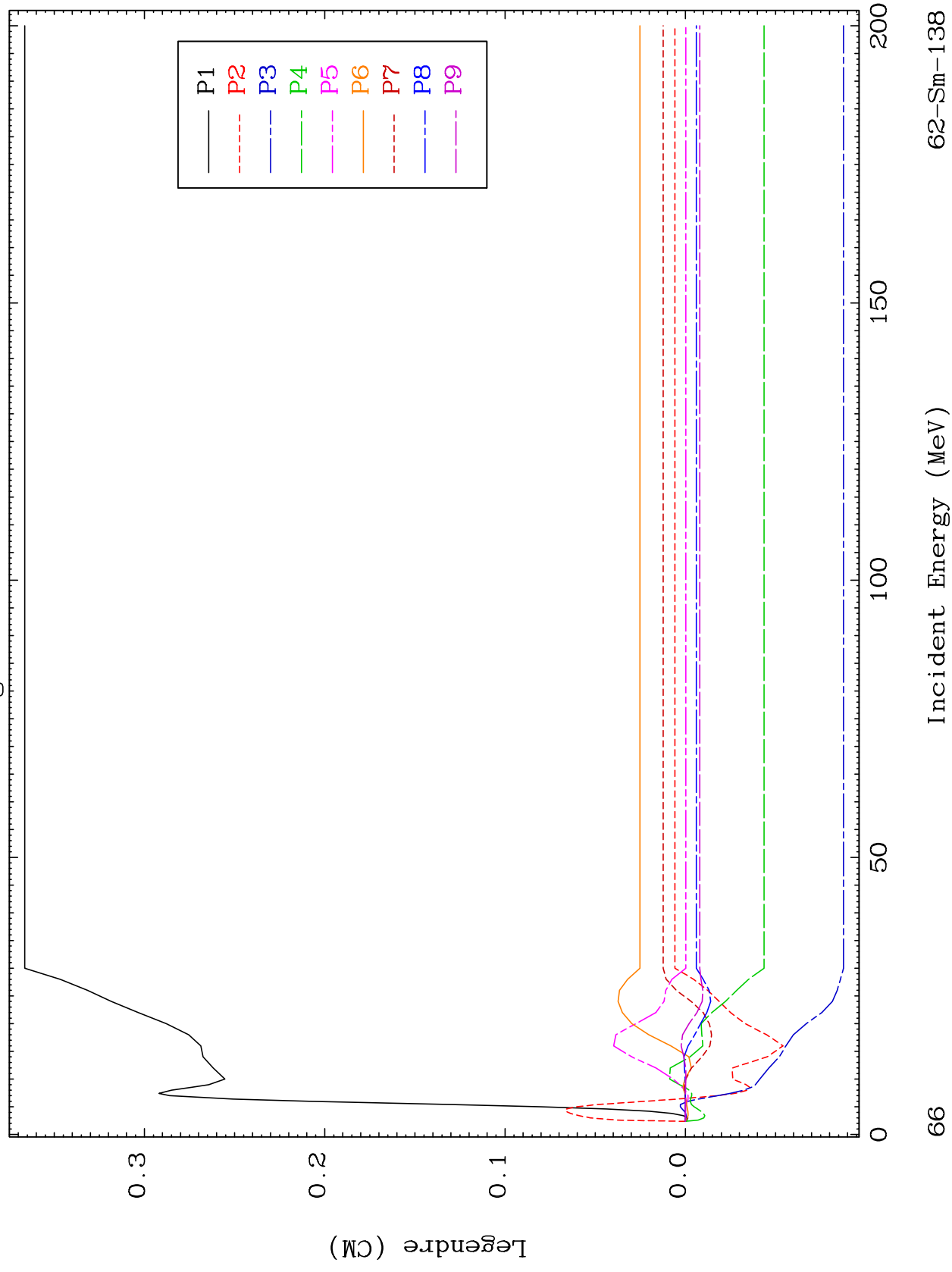
62-Sm-138



MAT 6207

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

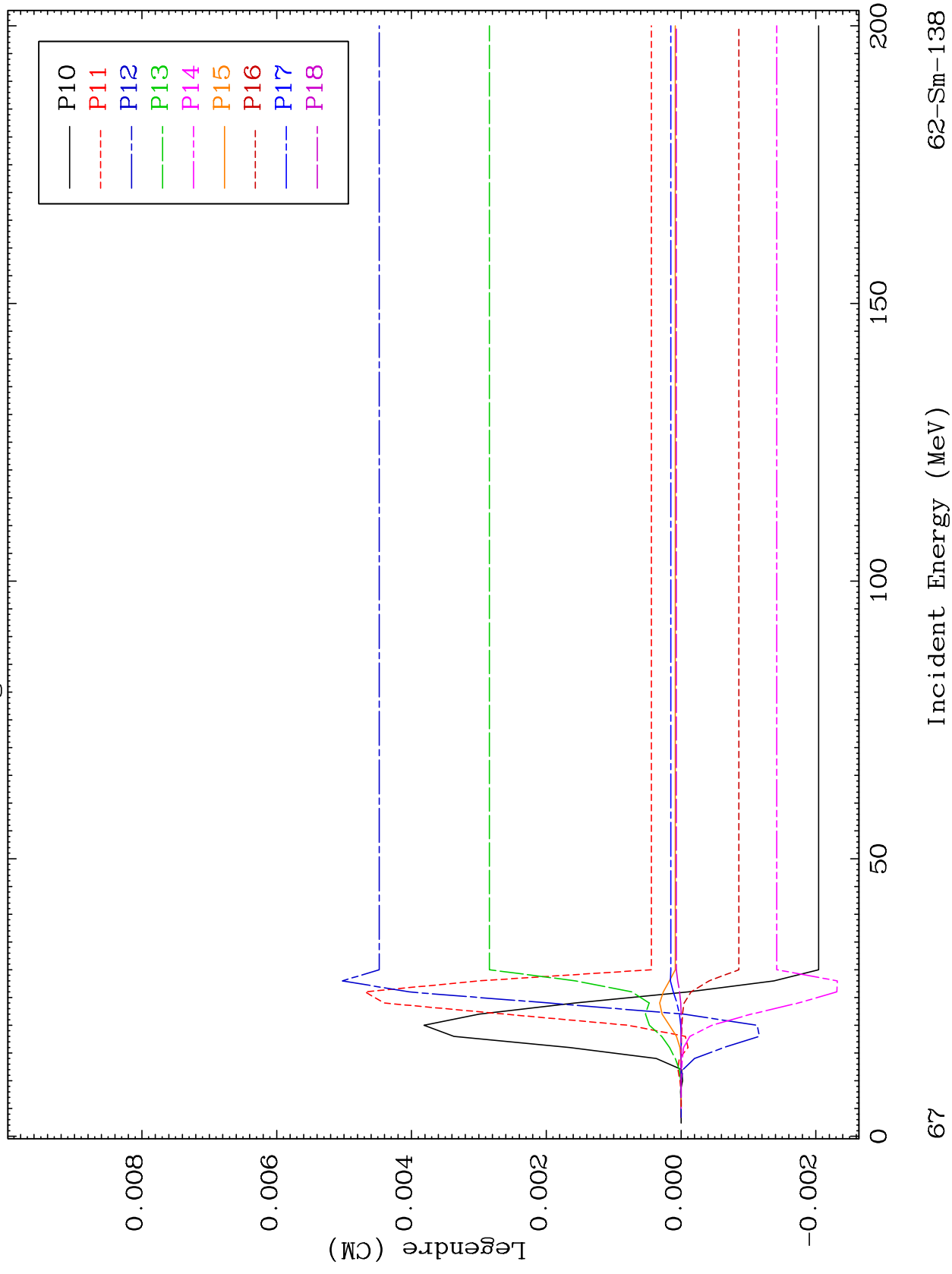
62-Sm-138

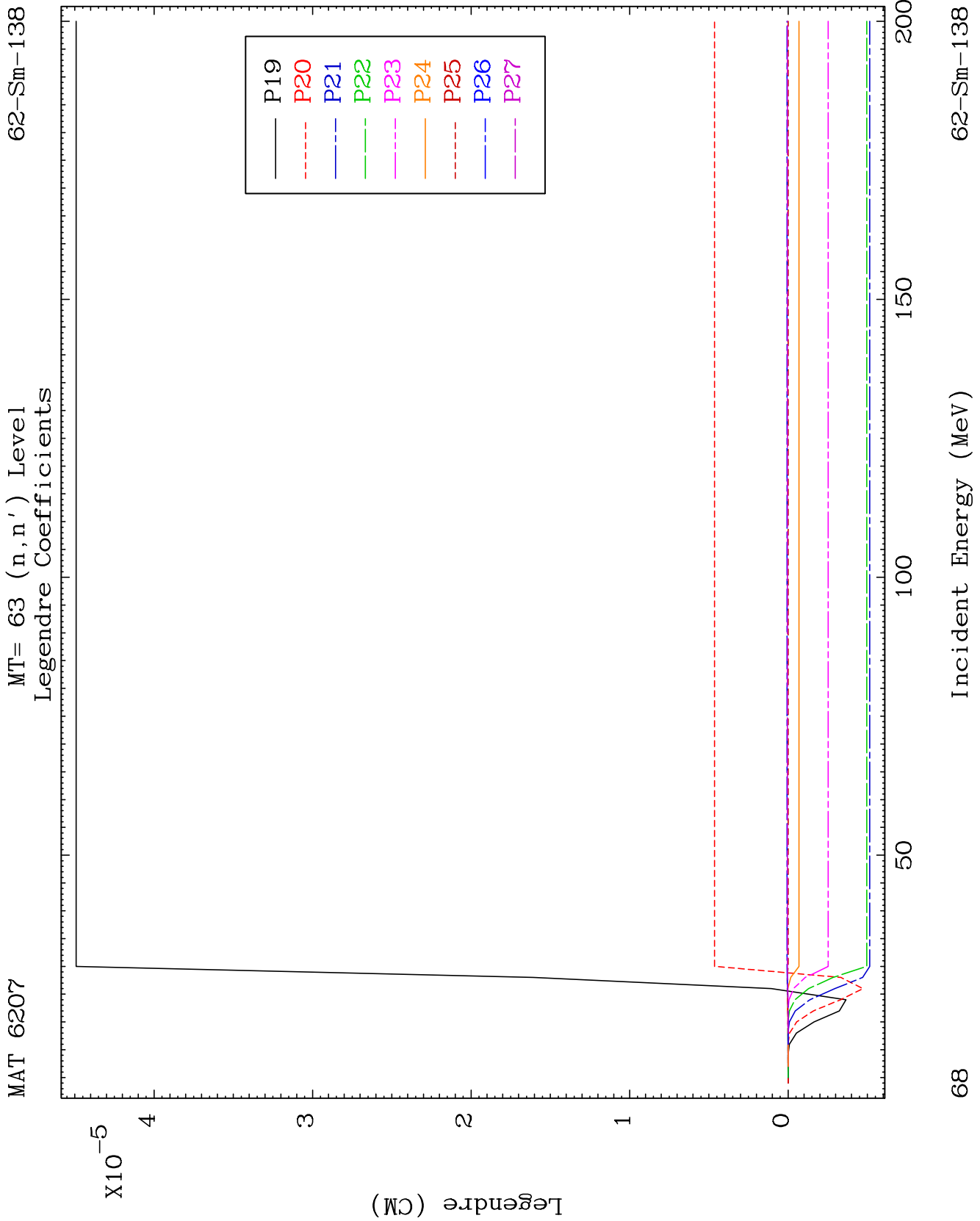


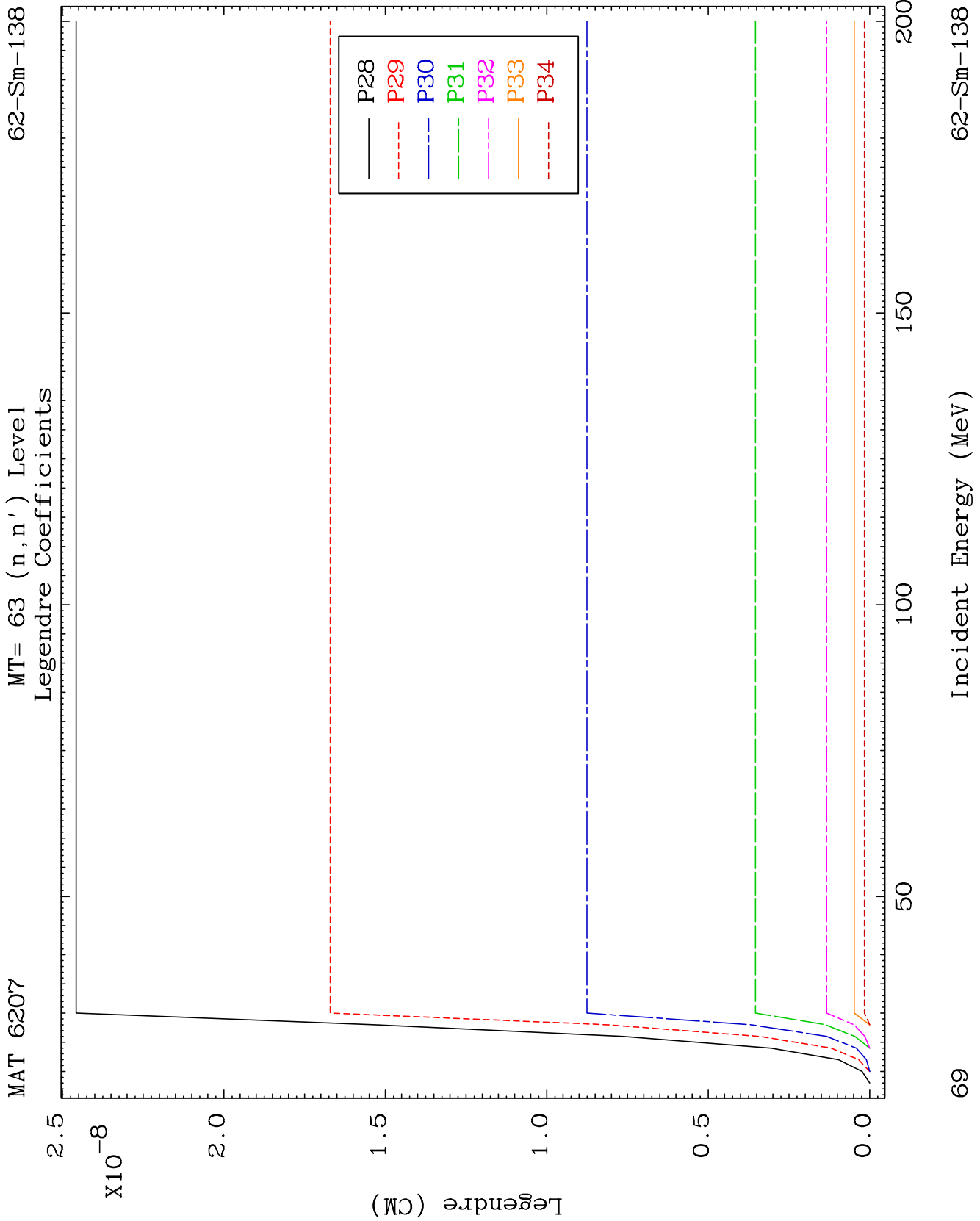
MAT 6207

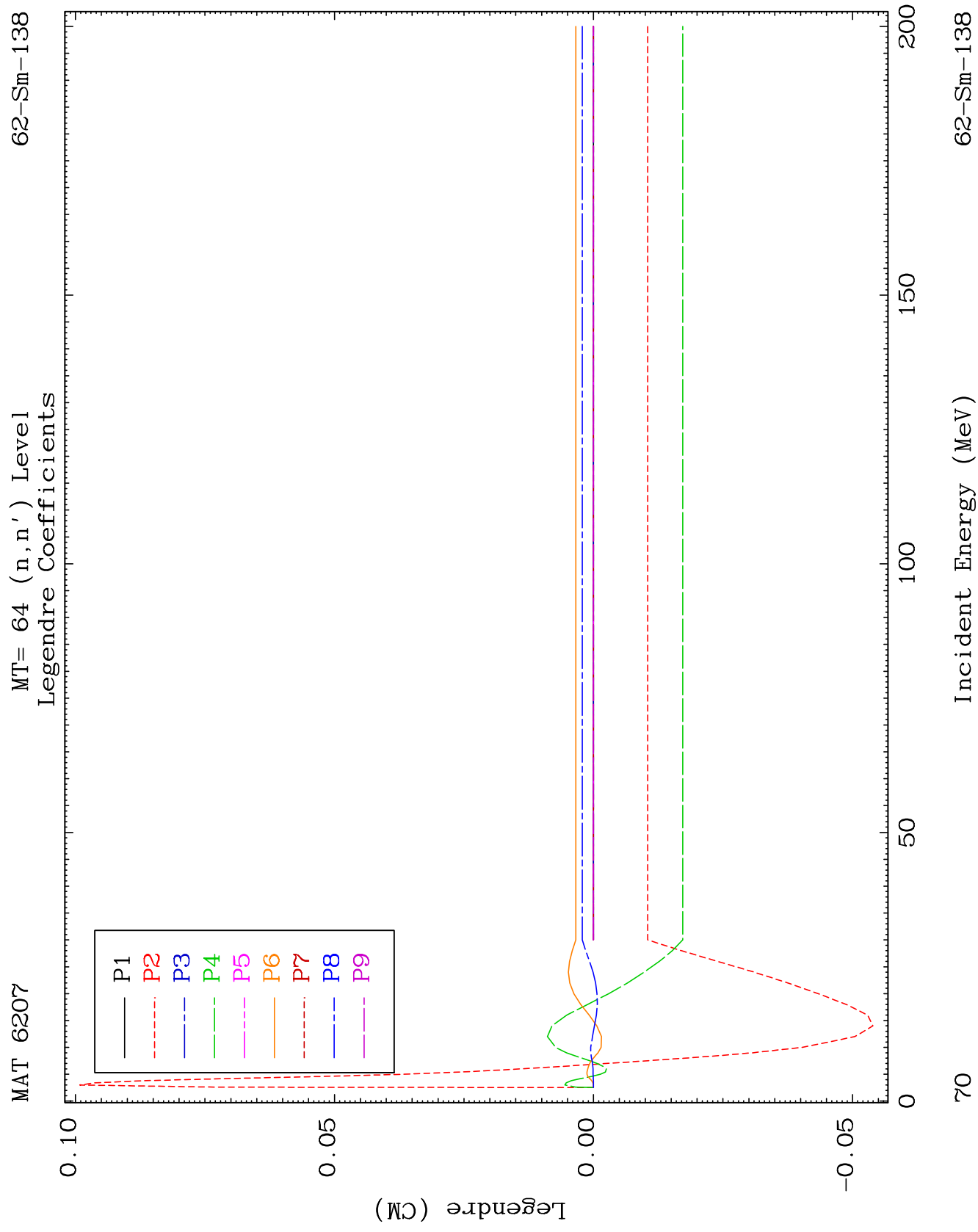
MT= 63 (n, n') Level
Legendre Coefficients

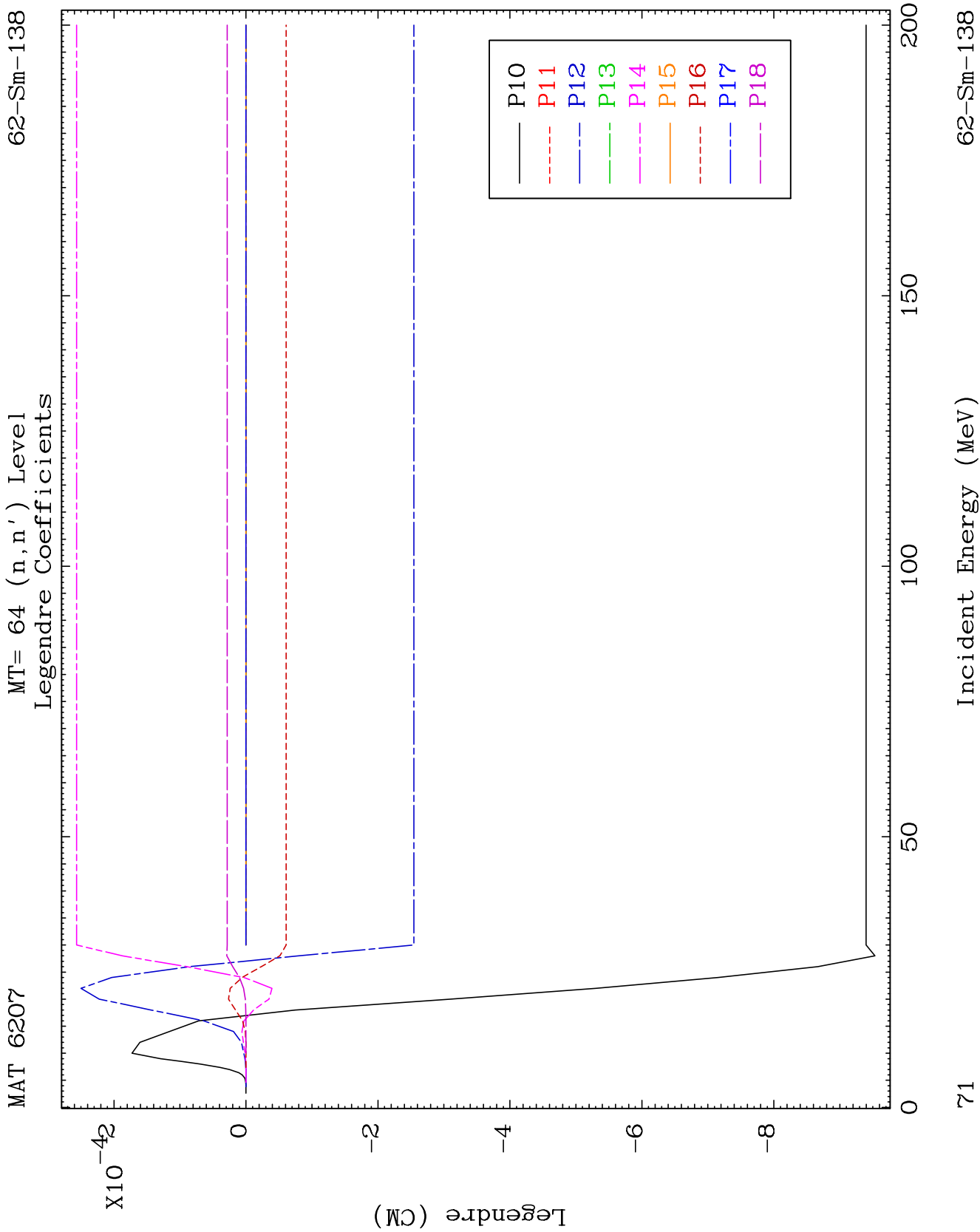
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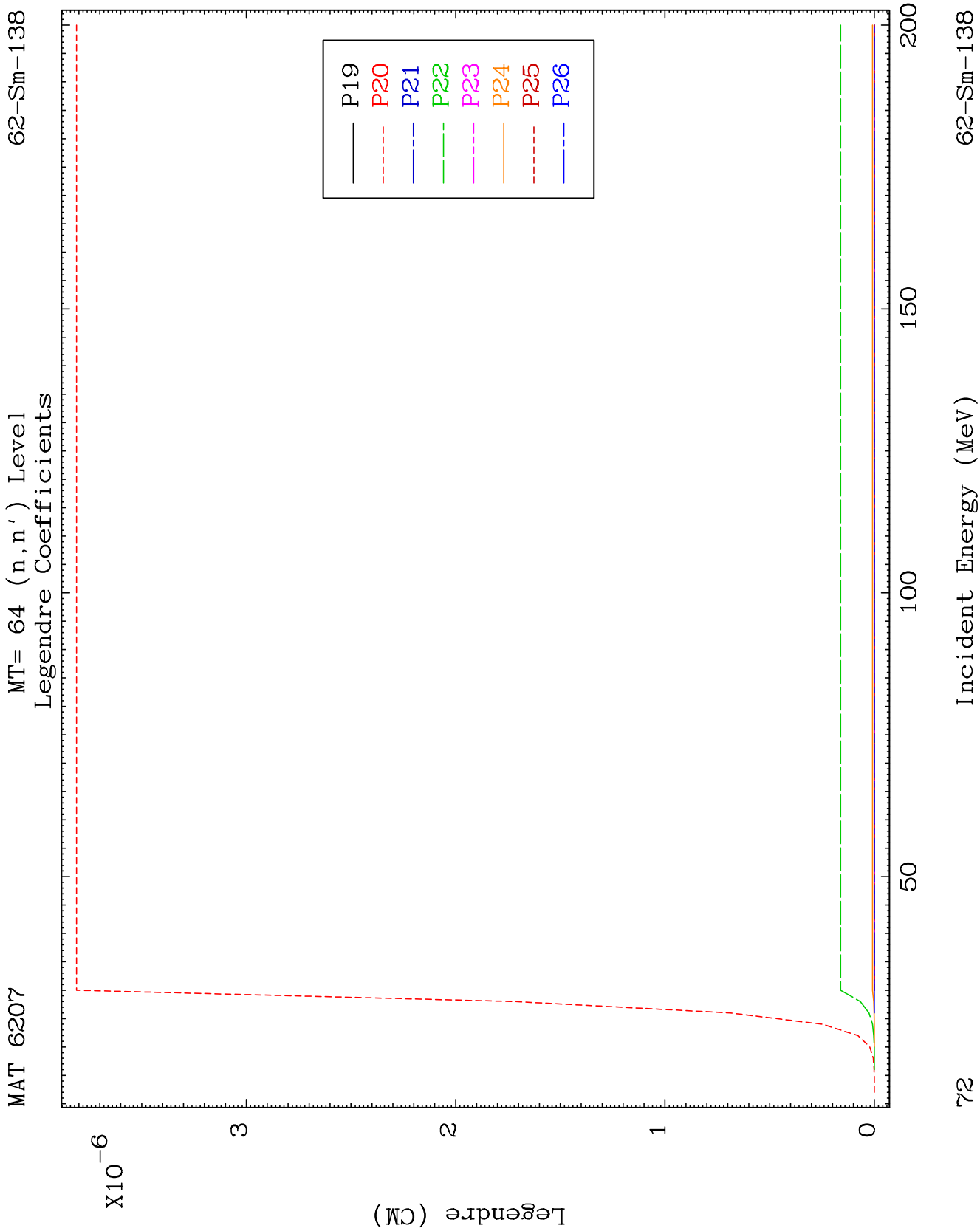








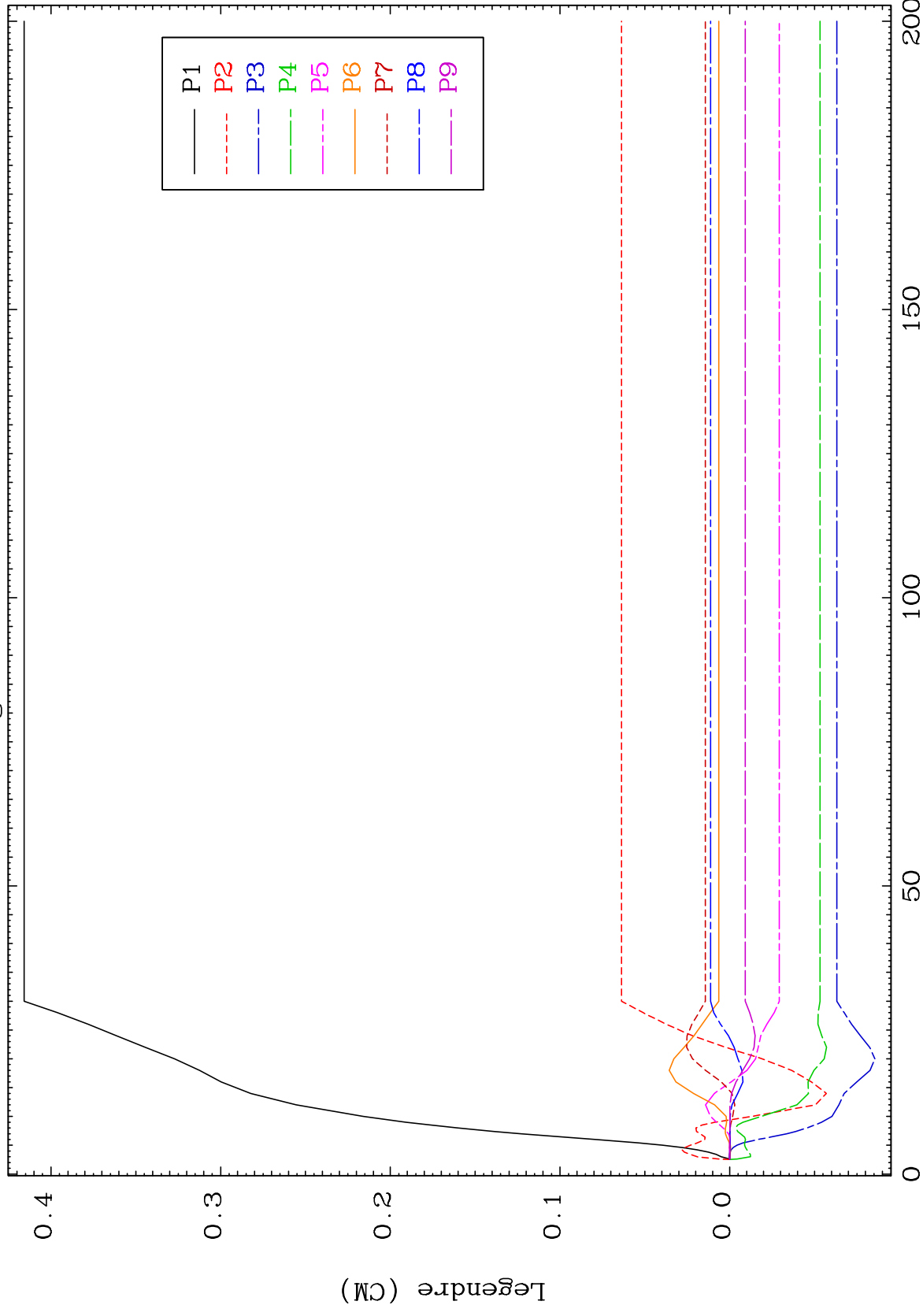




MAT 6207

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

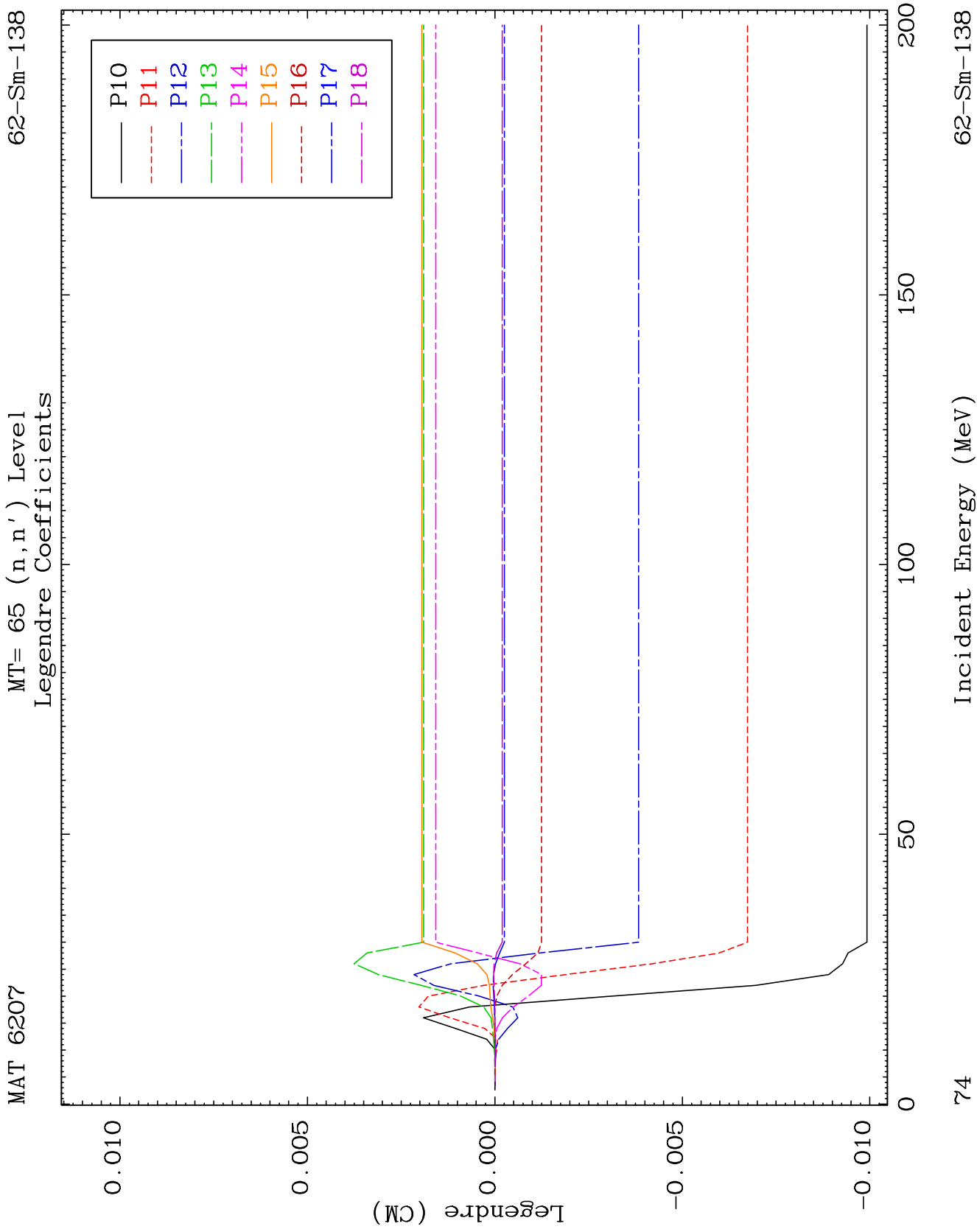
62-Sm-138

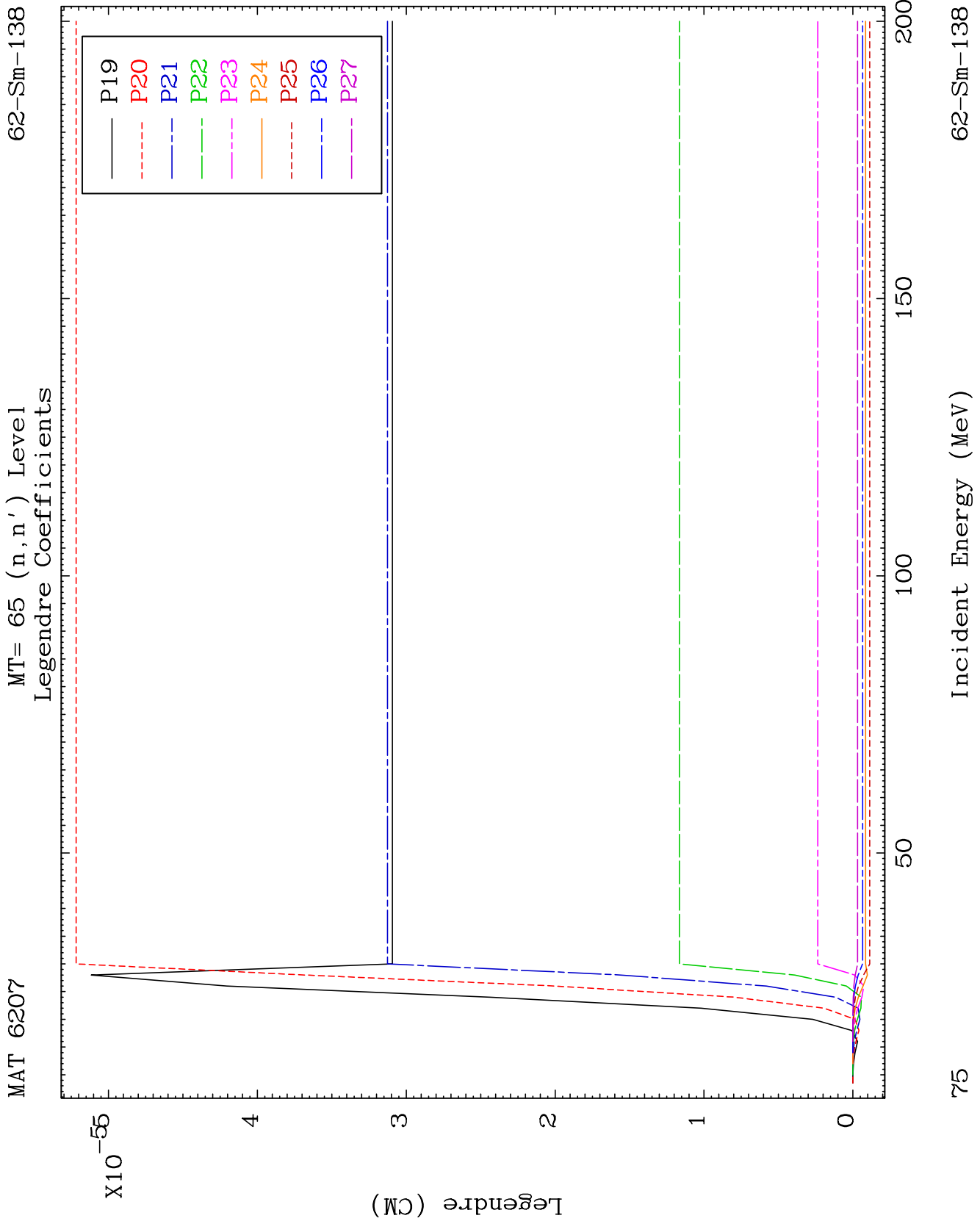


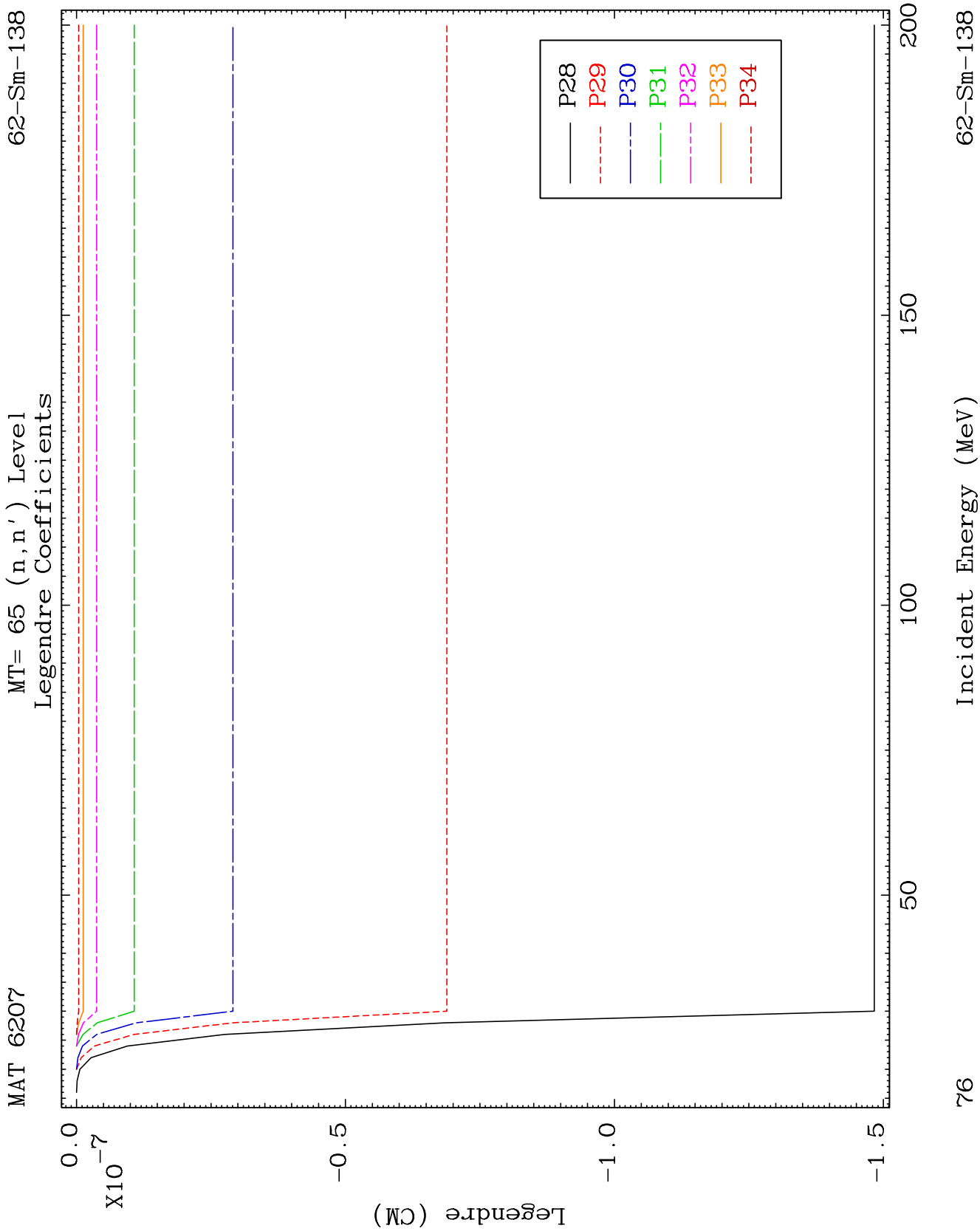
23

Incident Energy (MeV)

62-Sm-138



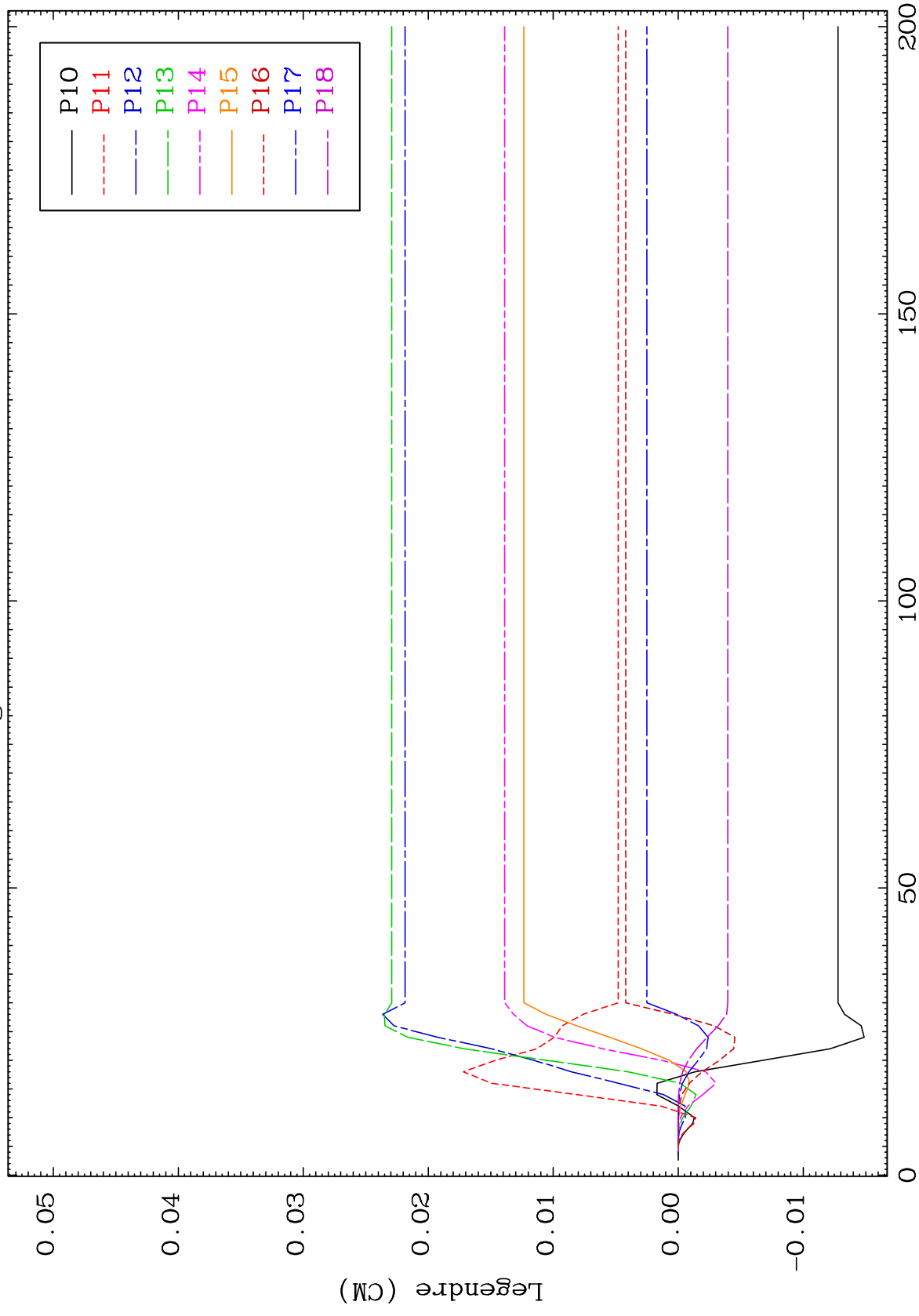




MAT 6207

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

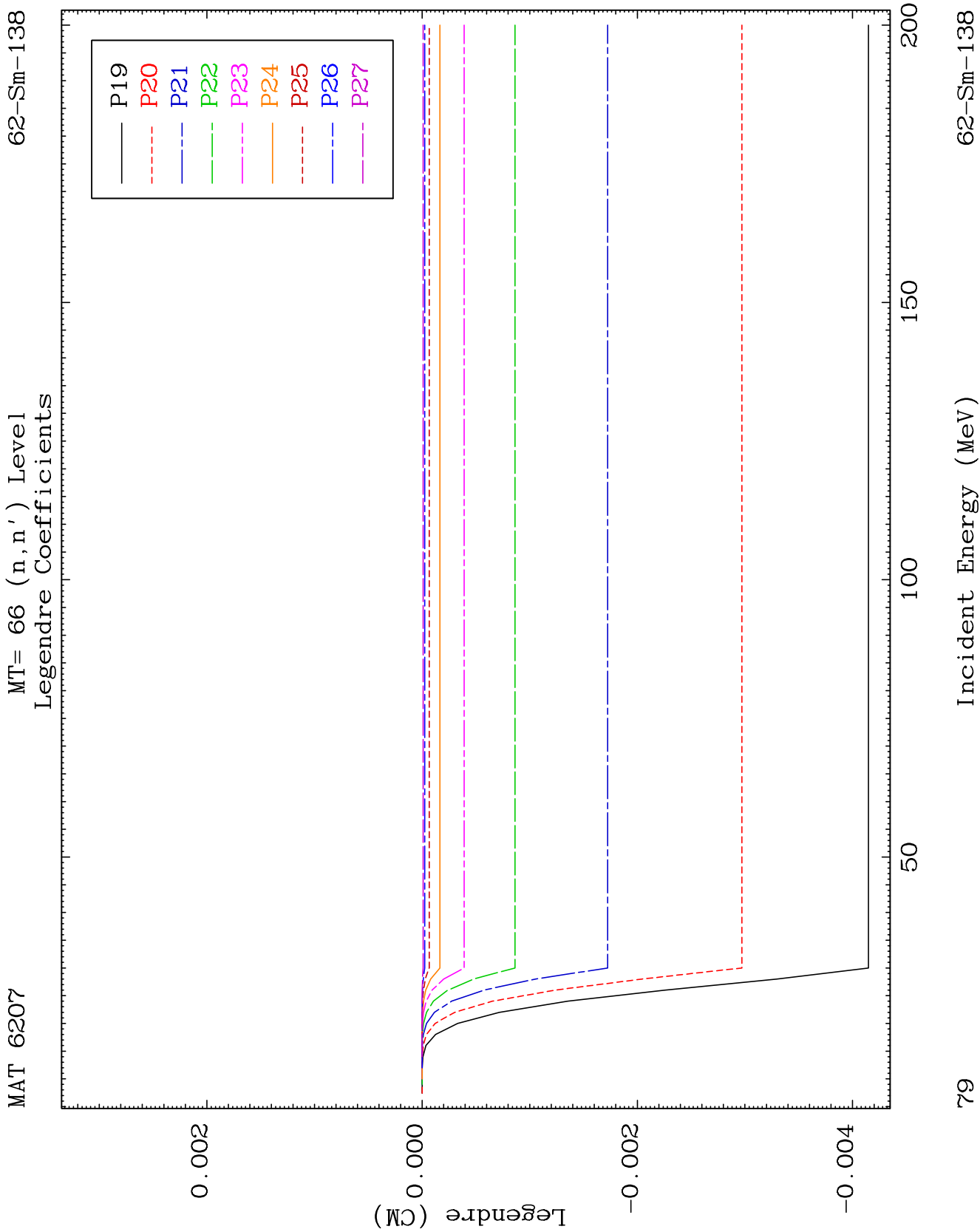
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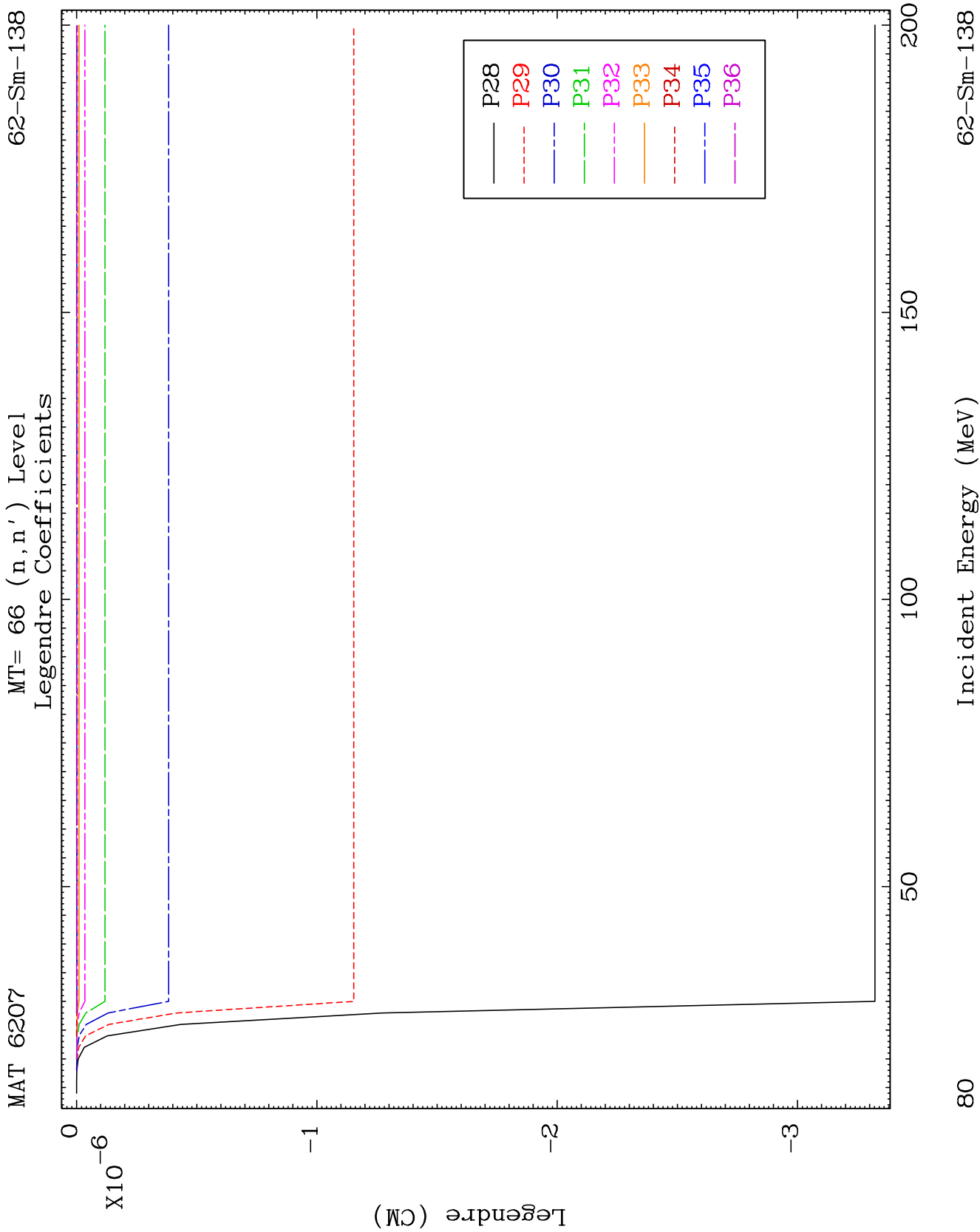


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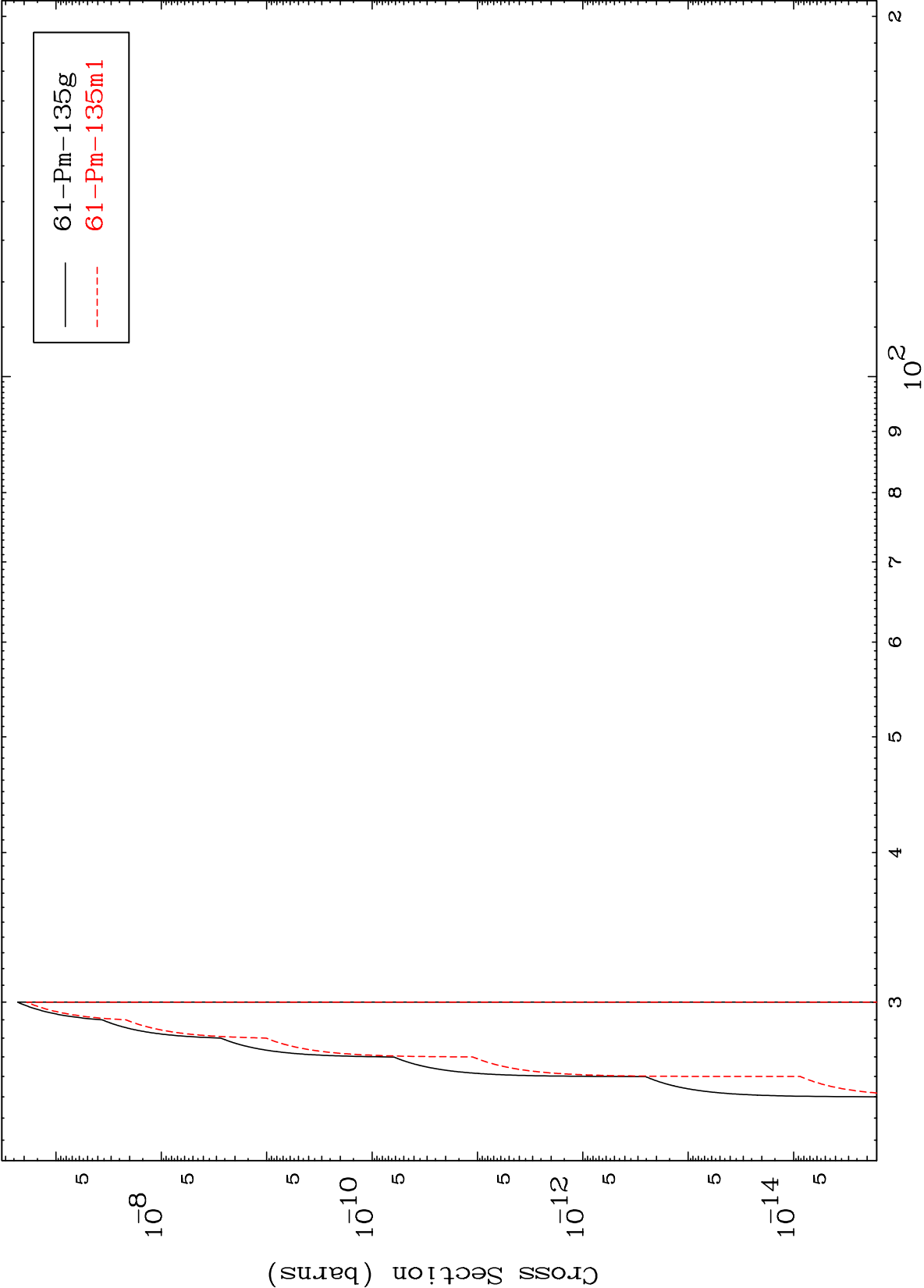
Incident Energy (MeV)

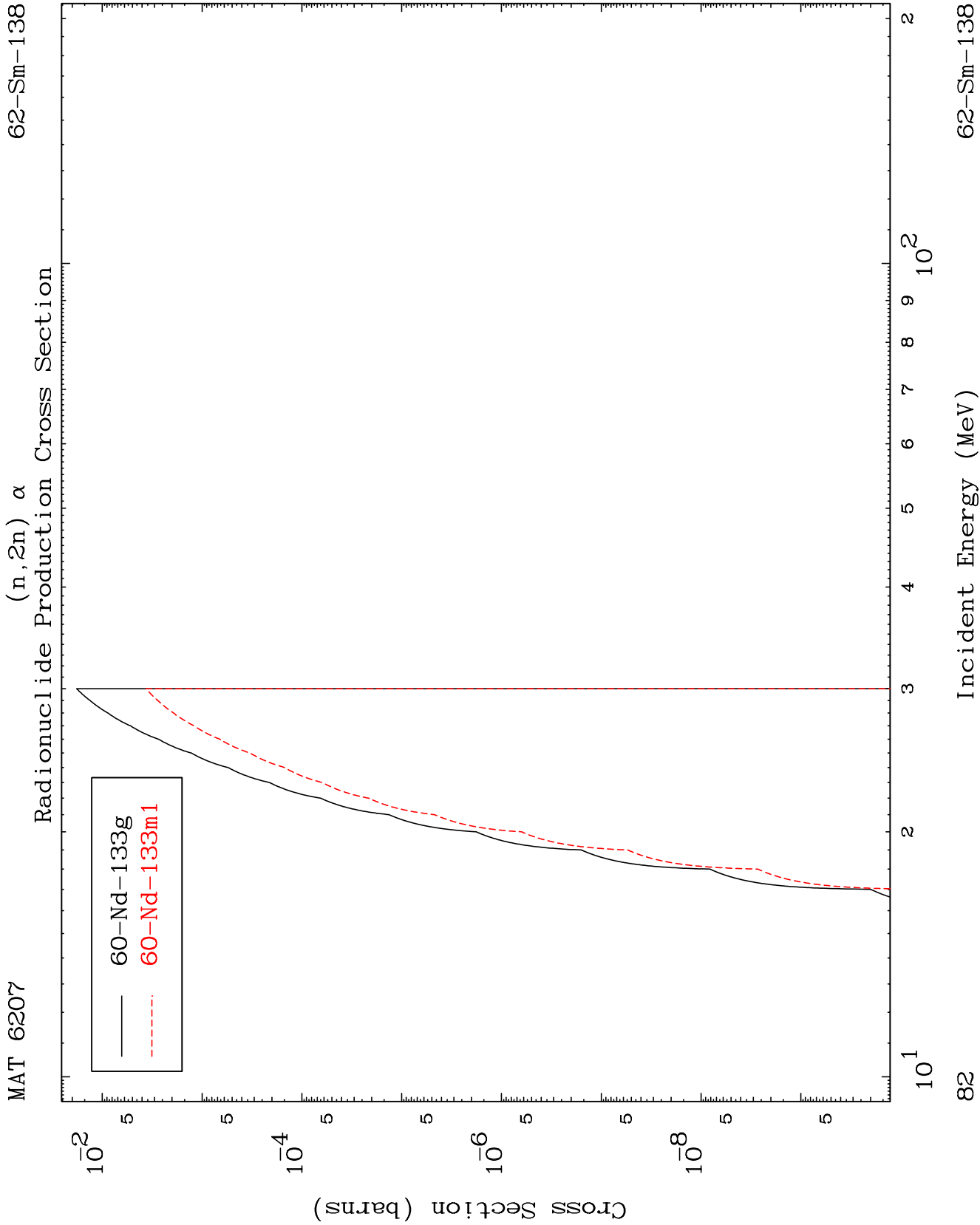
62-Sm-138



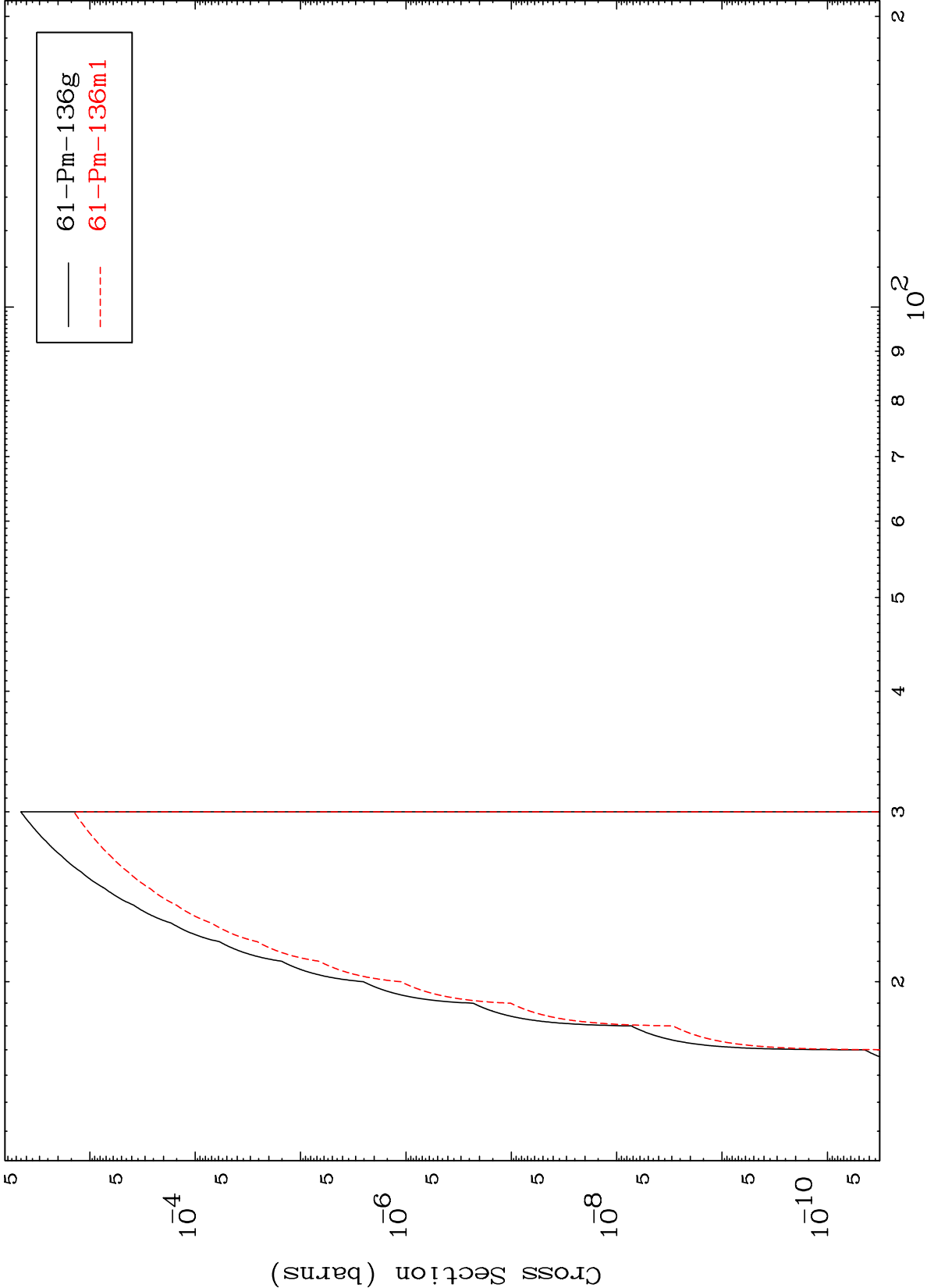


Radionuclide Production Cross Section

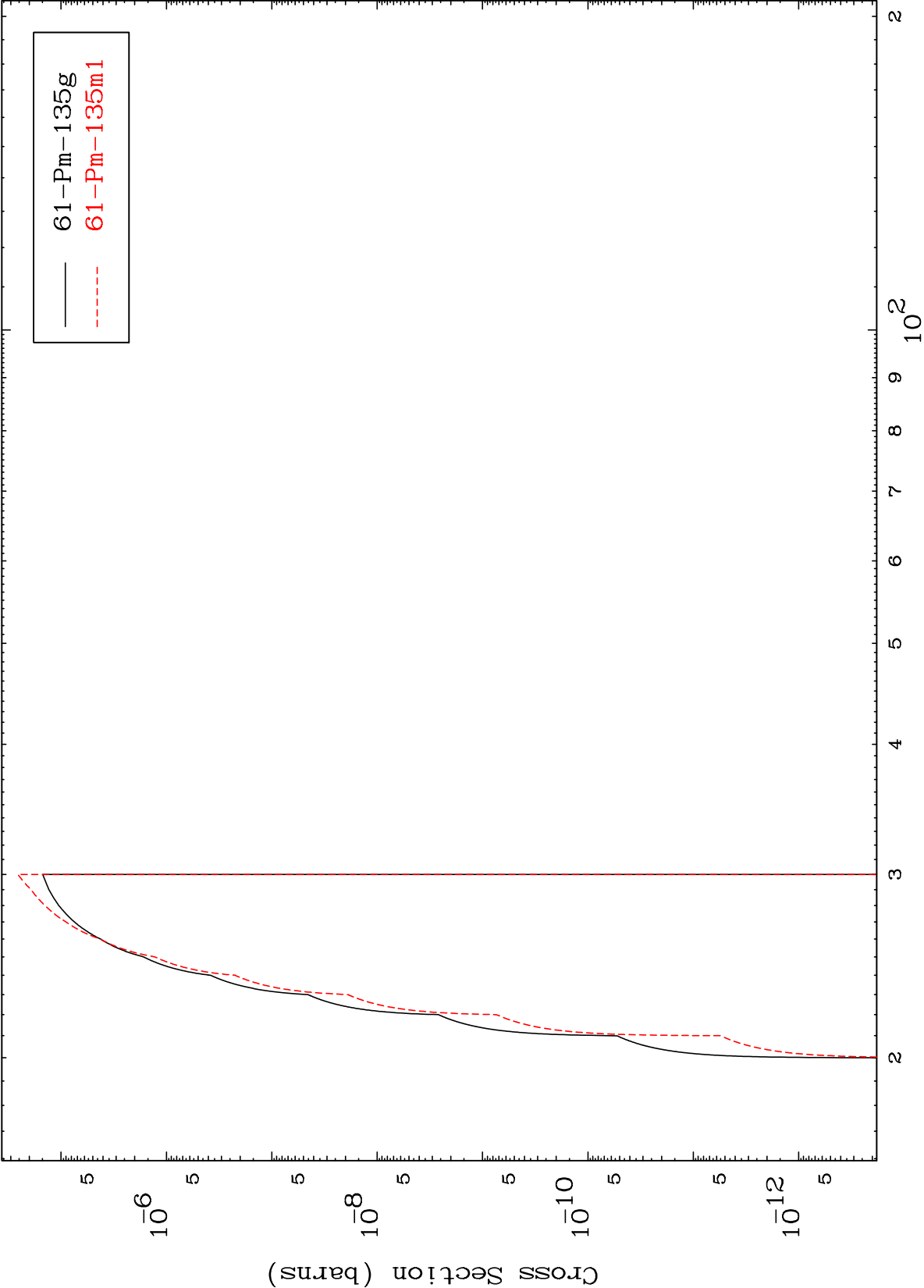




(n,n') d
Radionuclide Production Cross Section



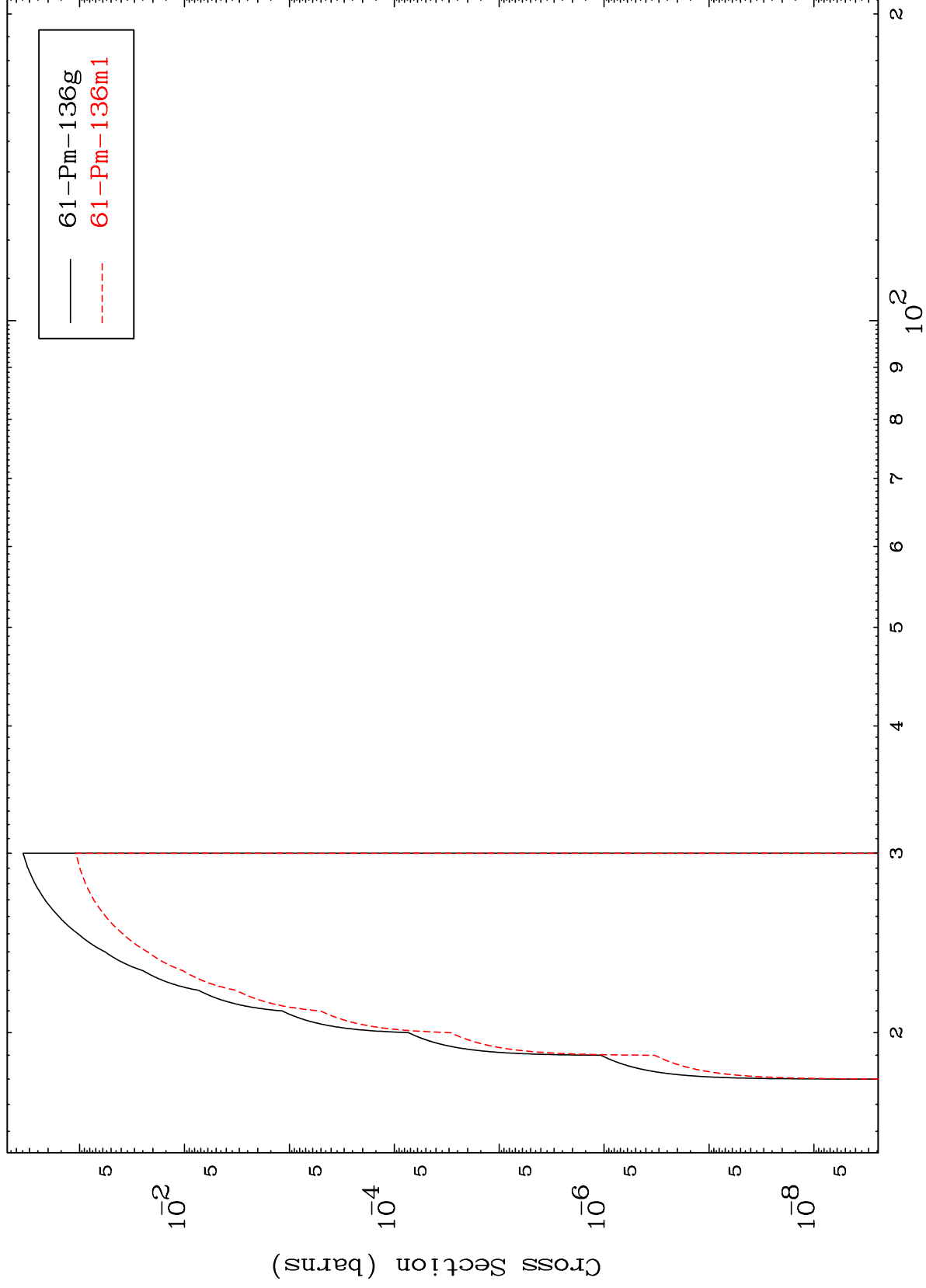
Radionuclide Production Cross Section



MAT 6207

62-Sm-138

(n,2n) p
Radionuclide Production Cross Section

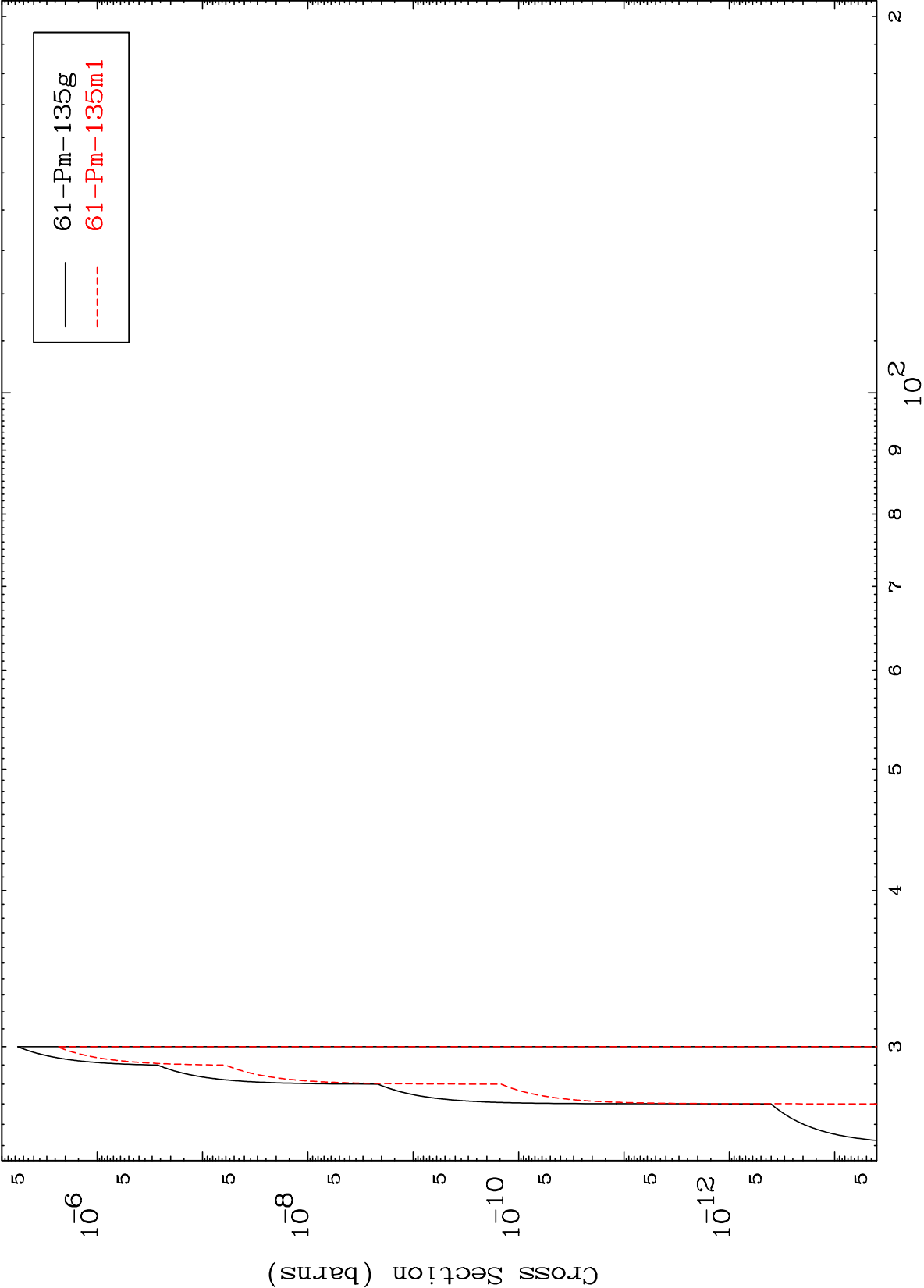


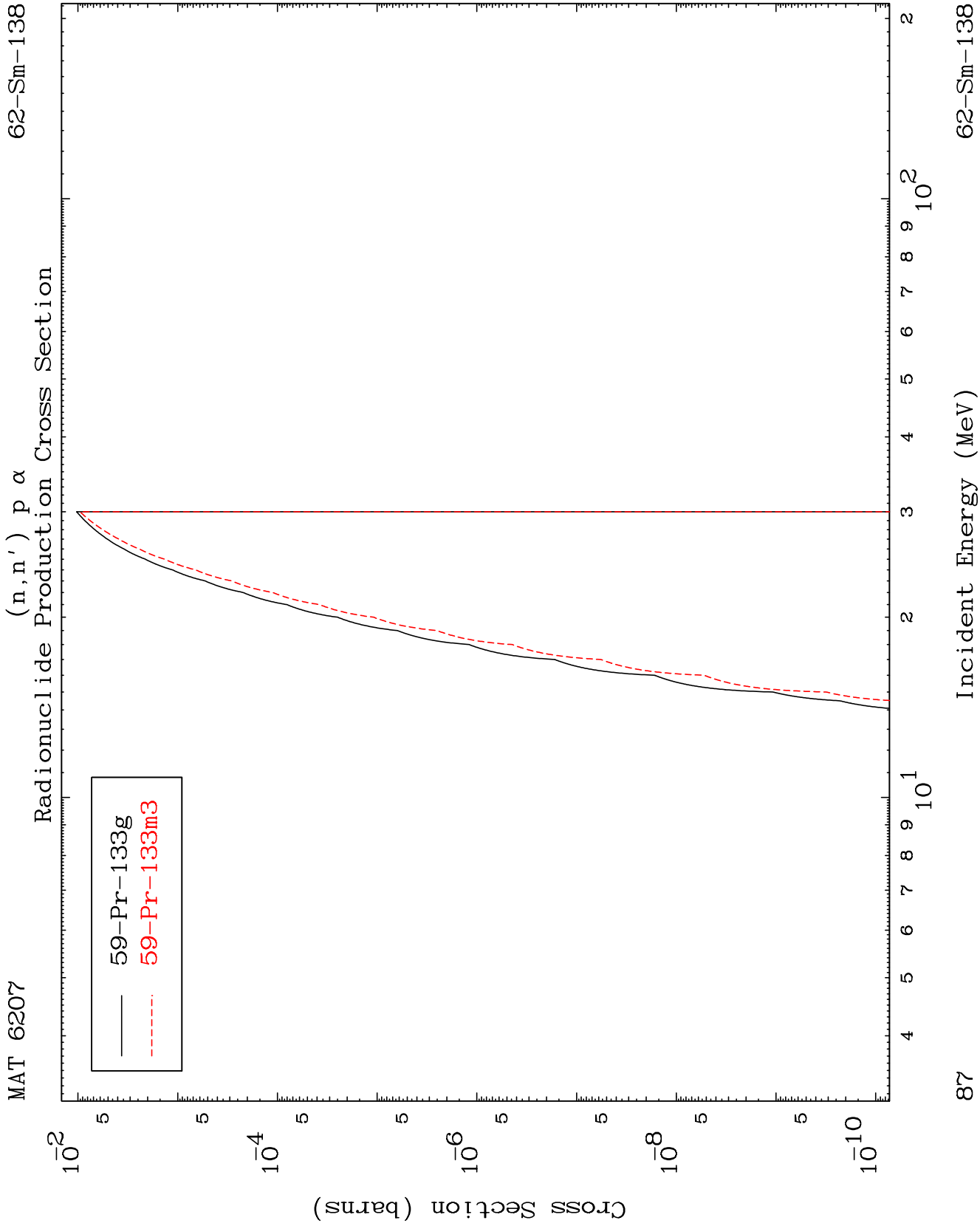
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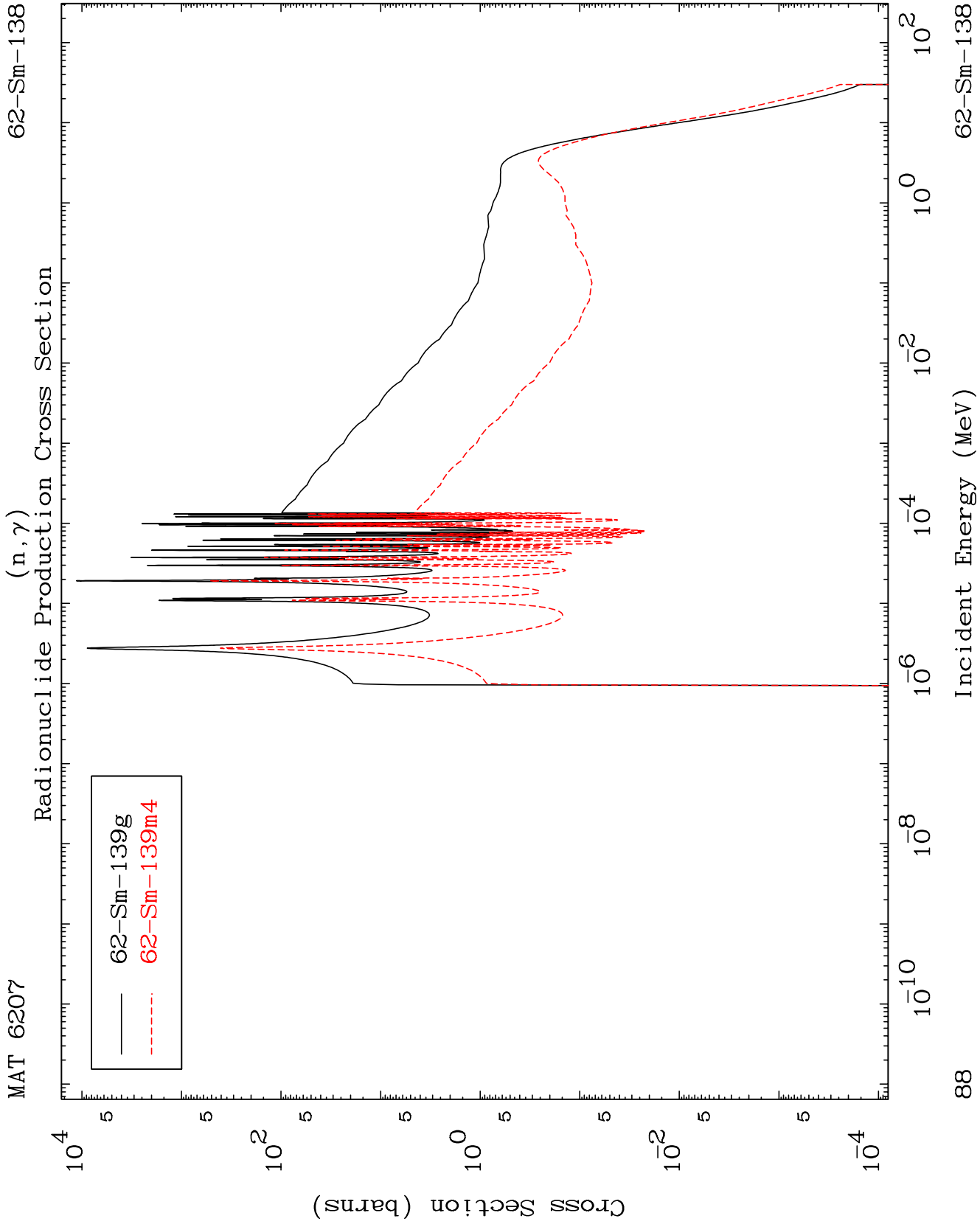
Incident Energy (MeV)

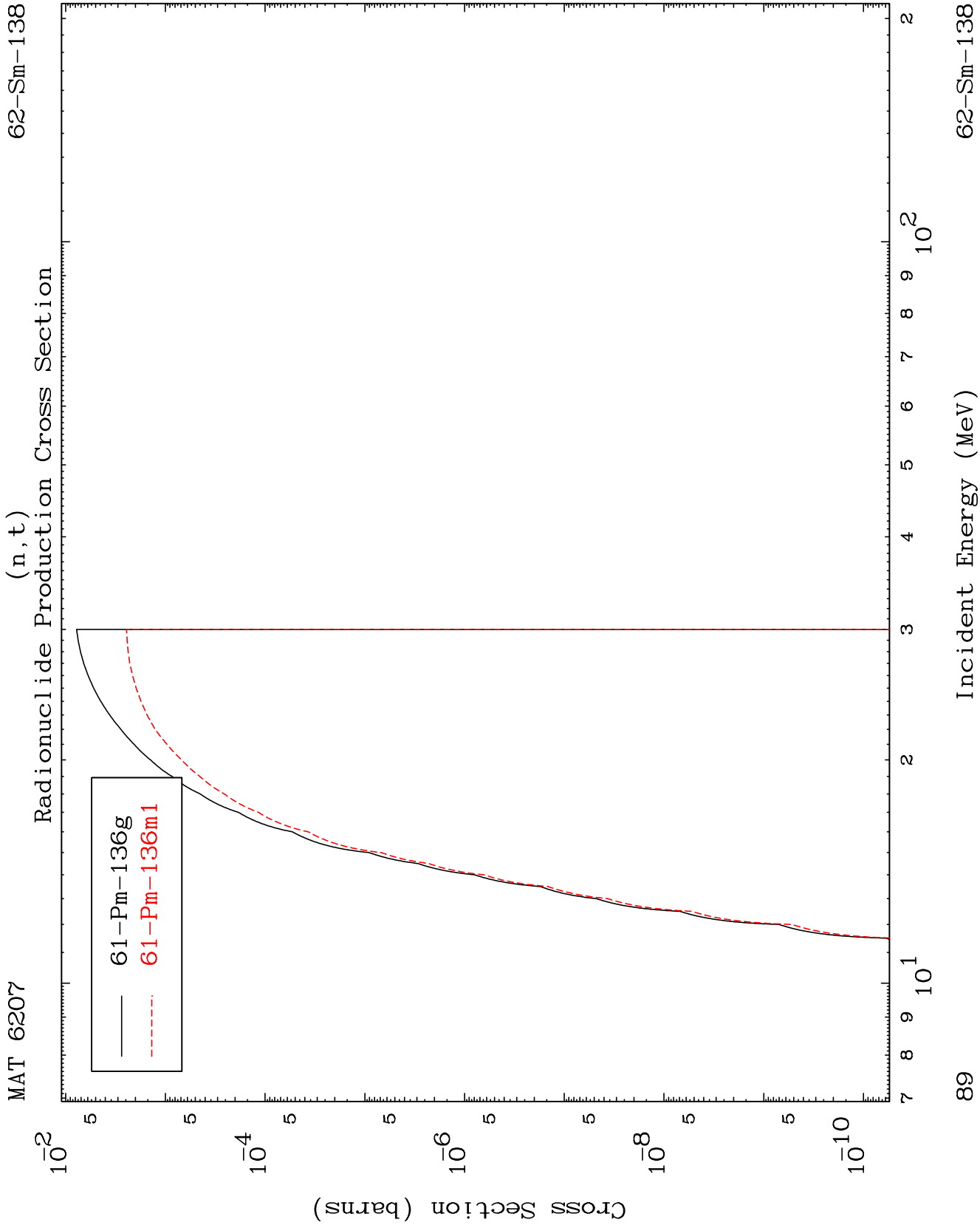
62-Sm-138

(n,3n) p
Radionuclide Production Cross Section

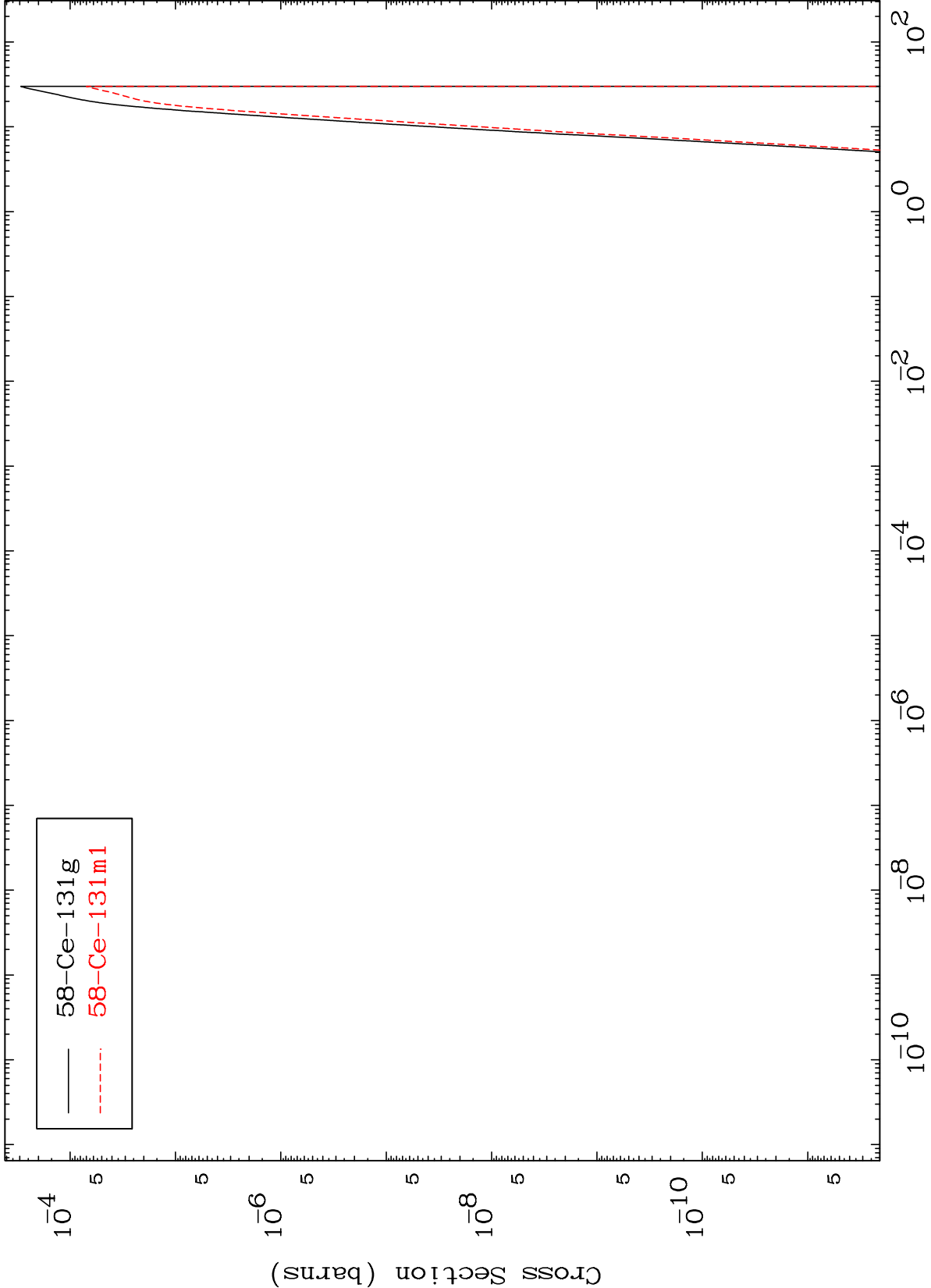


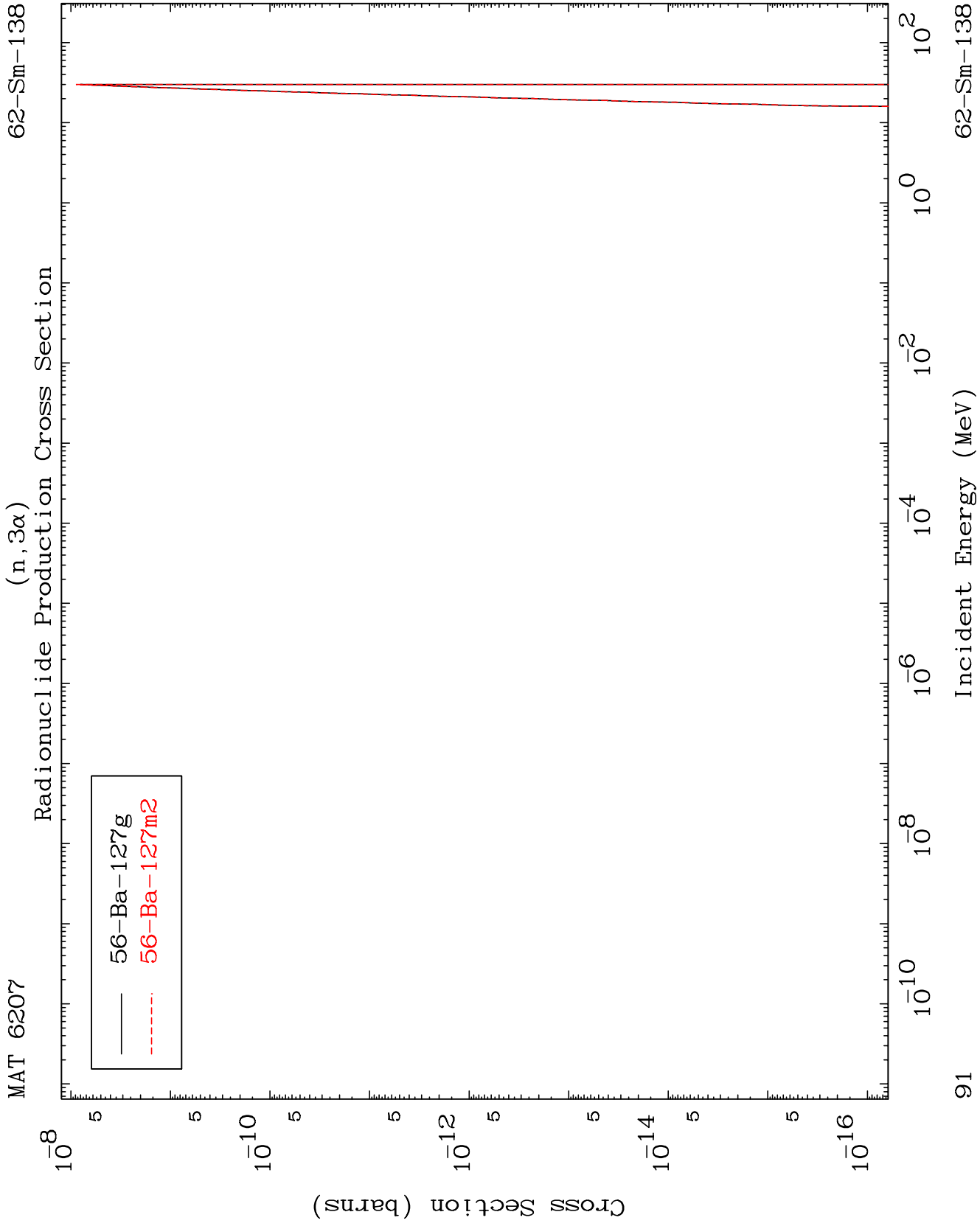


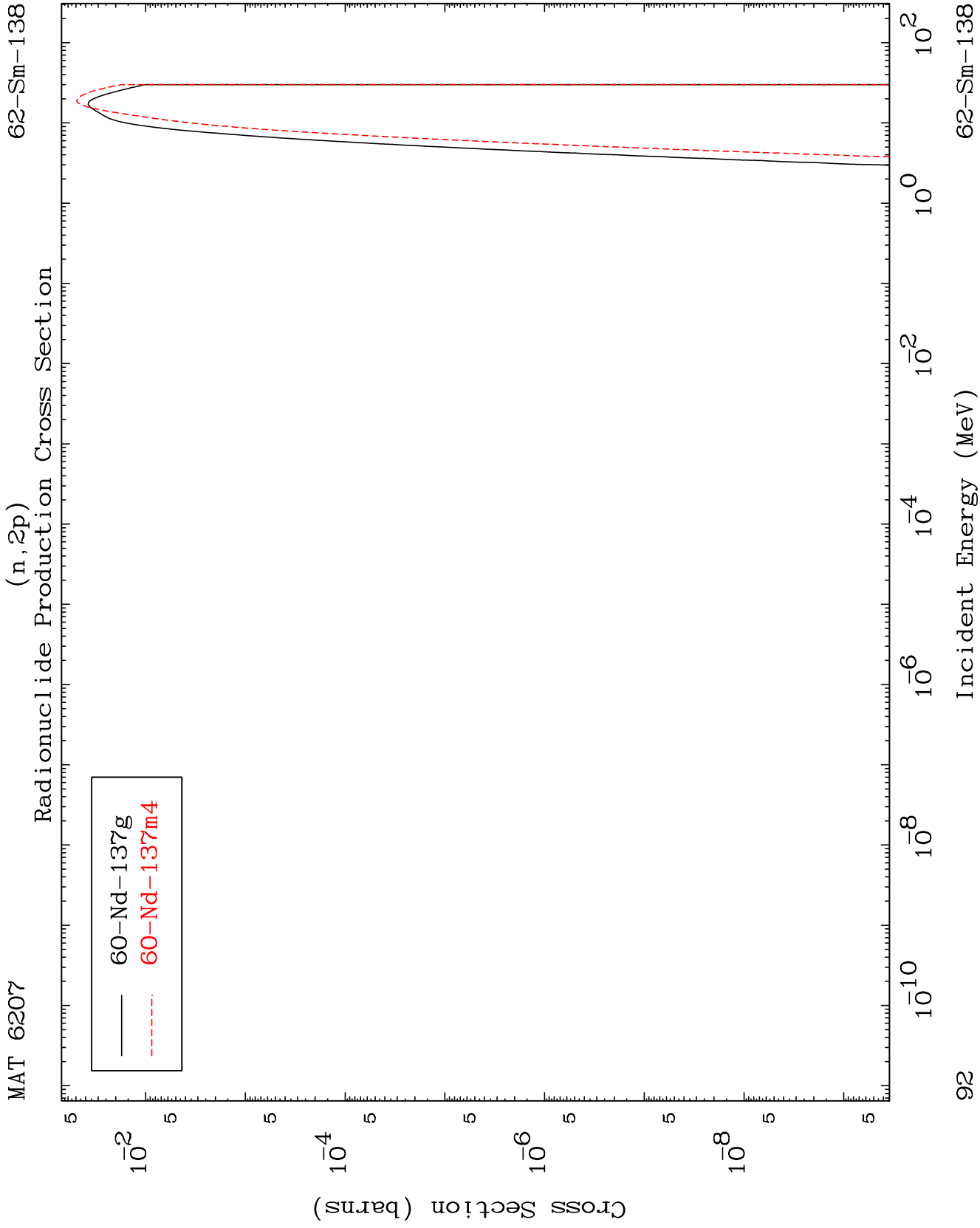


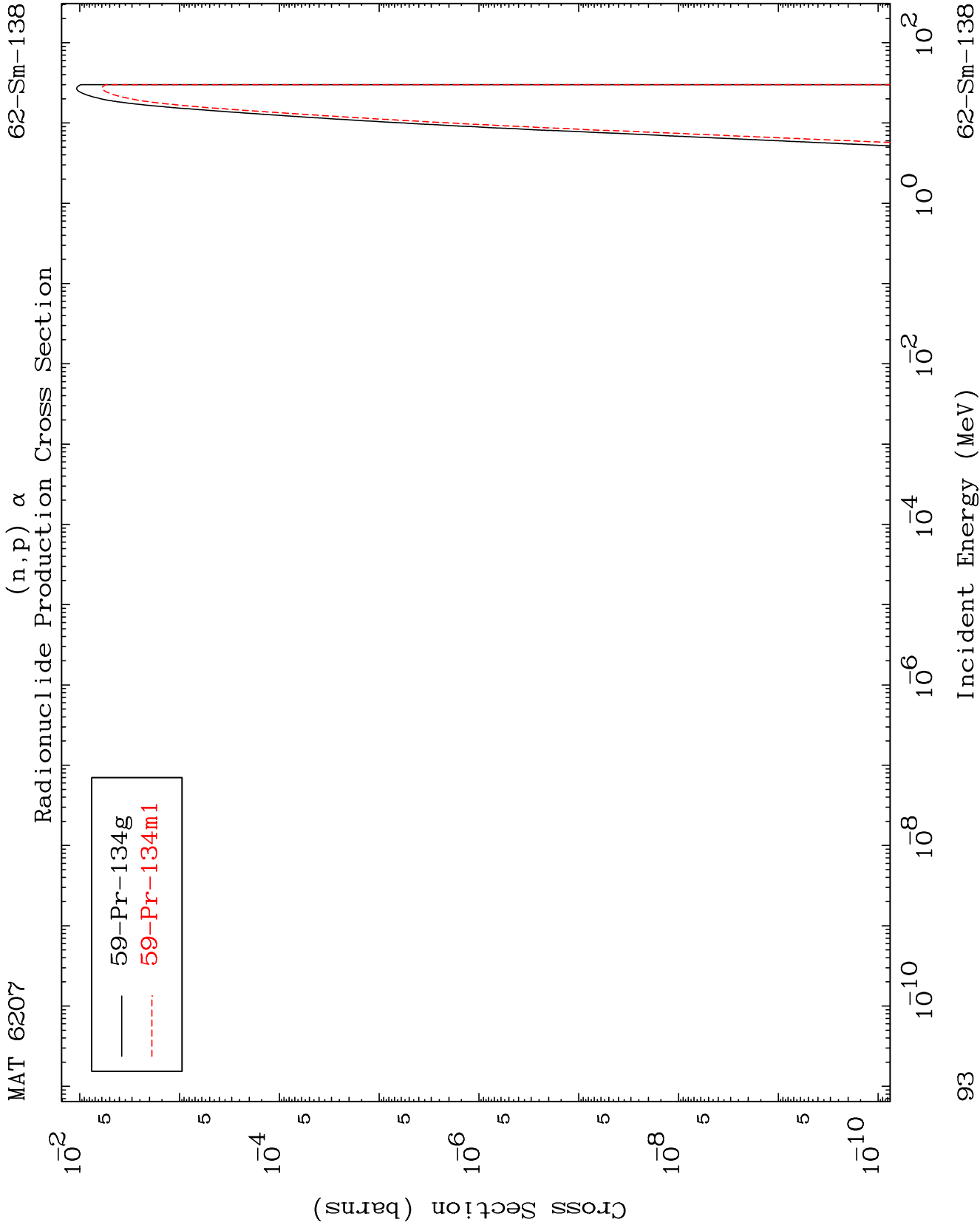


Radionuclide Production Cross Section
(n,2α)





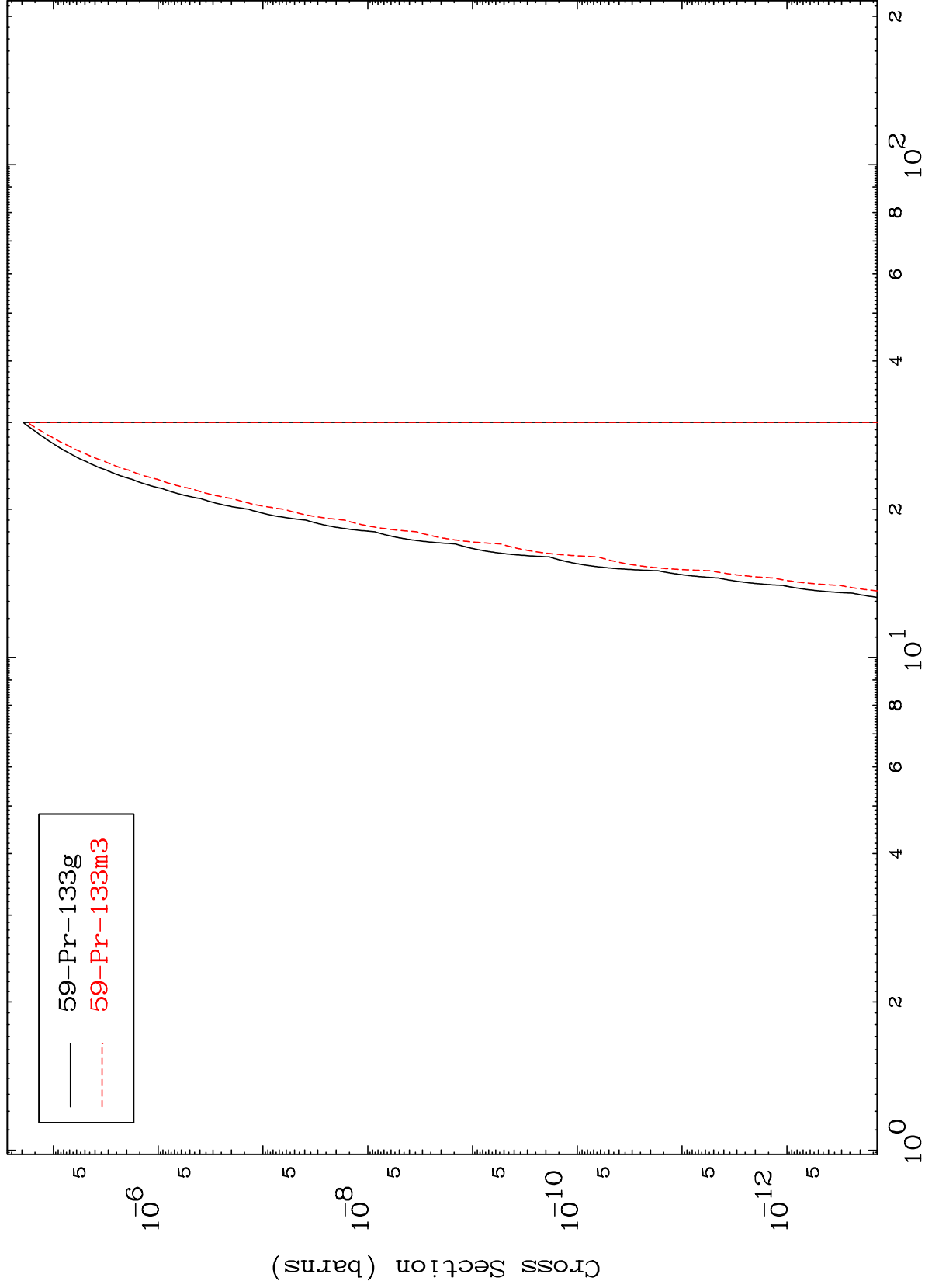




MAT 6207

62-Sm-138

(n,d) α
Radionuclide Production Cross Section



62-Sm-138

Incident Energy (MeV)

94