

Program EVALPLOT
(Version 2021-1)

by

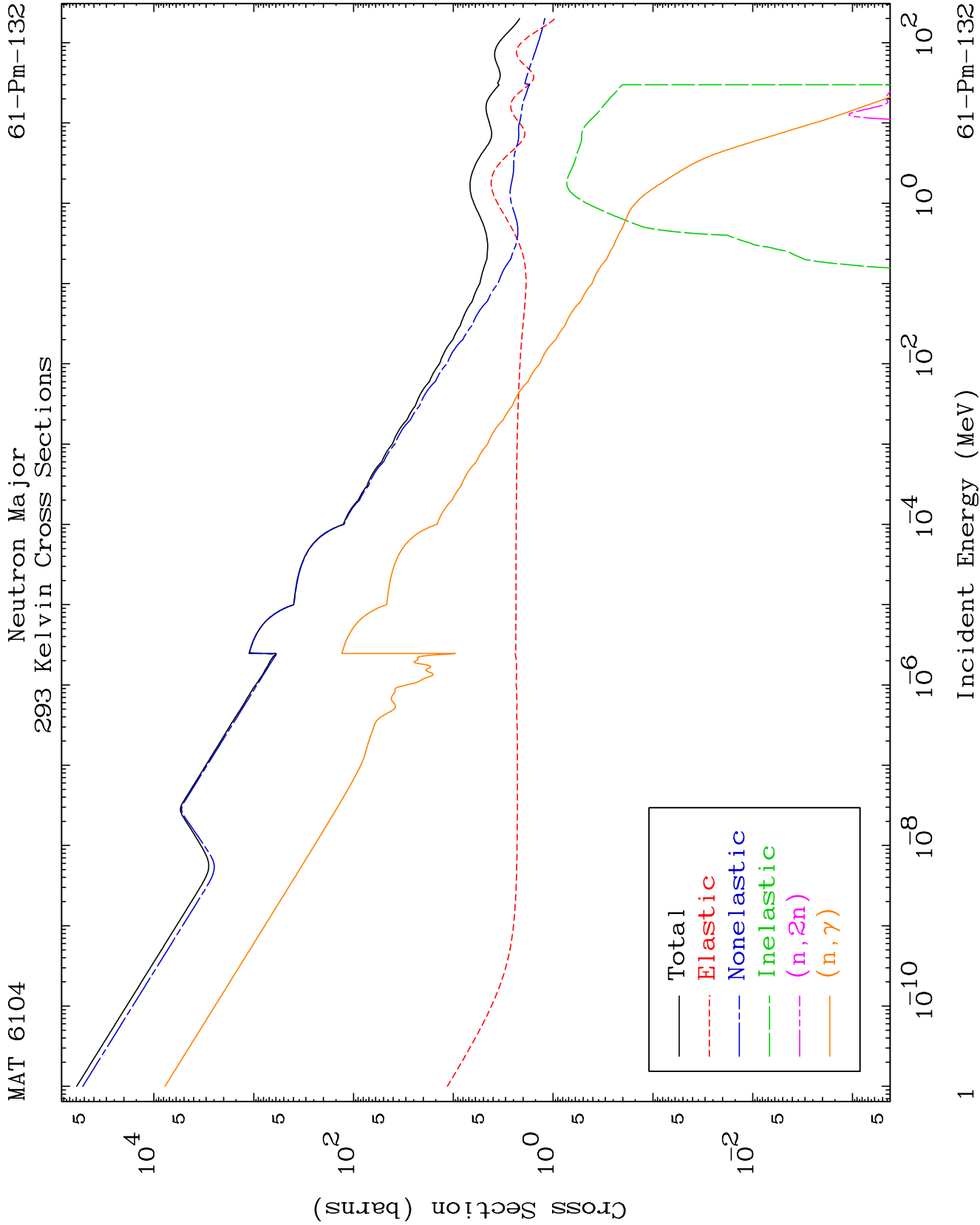
Dermott E. Cullen
(Present Contact Information)

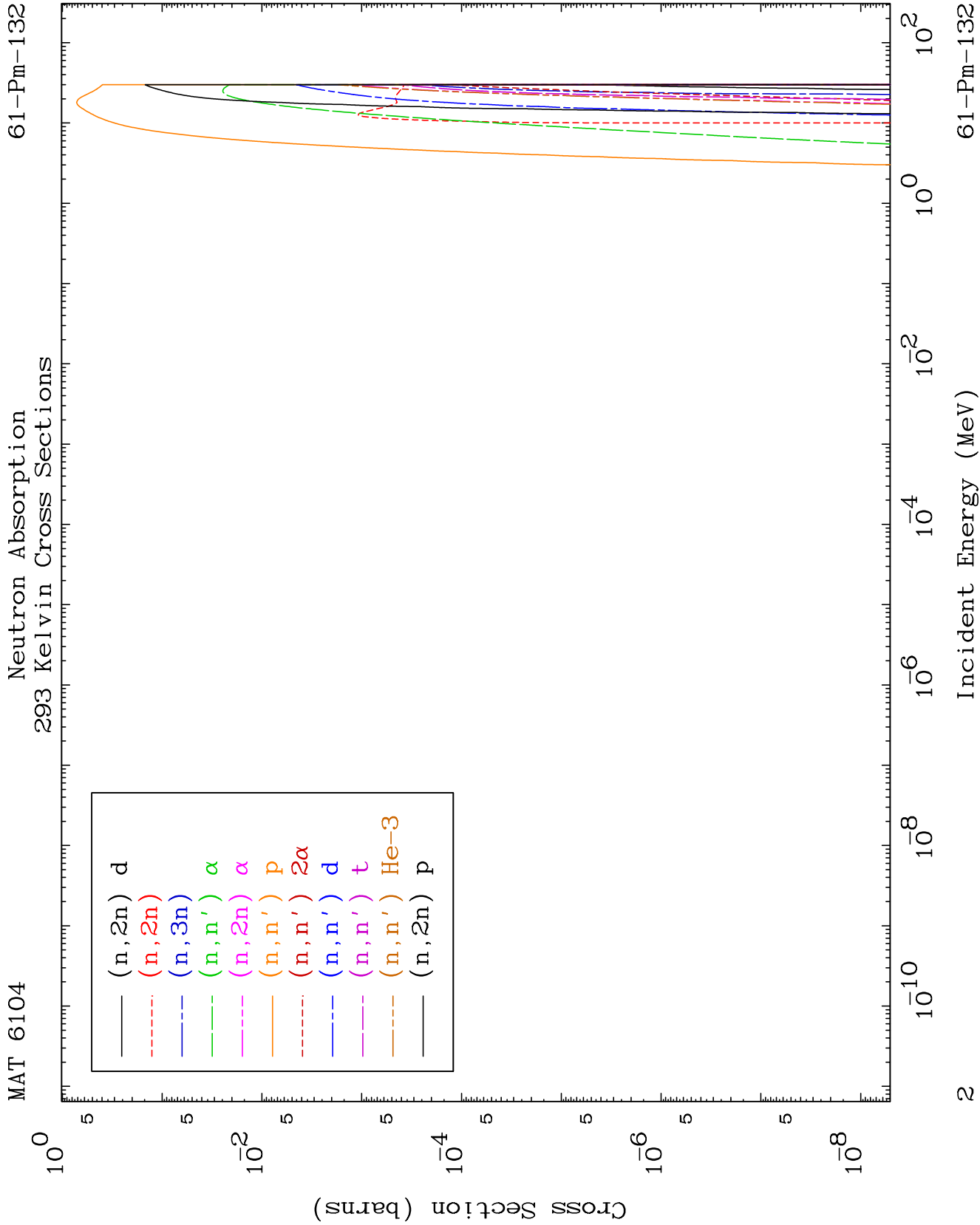
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

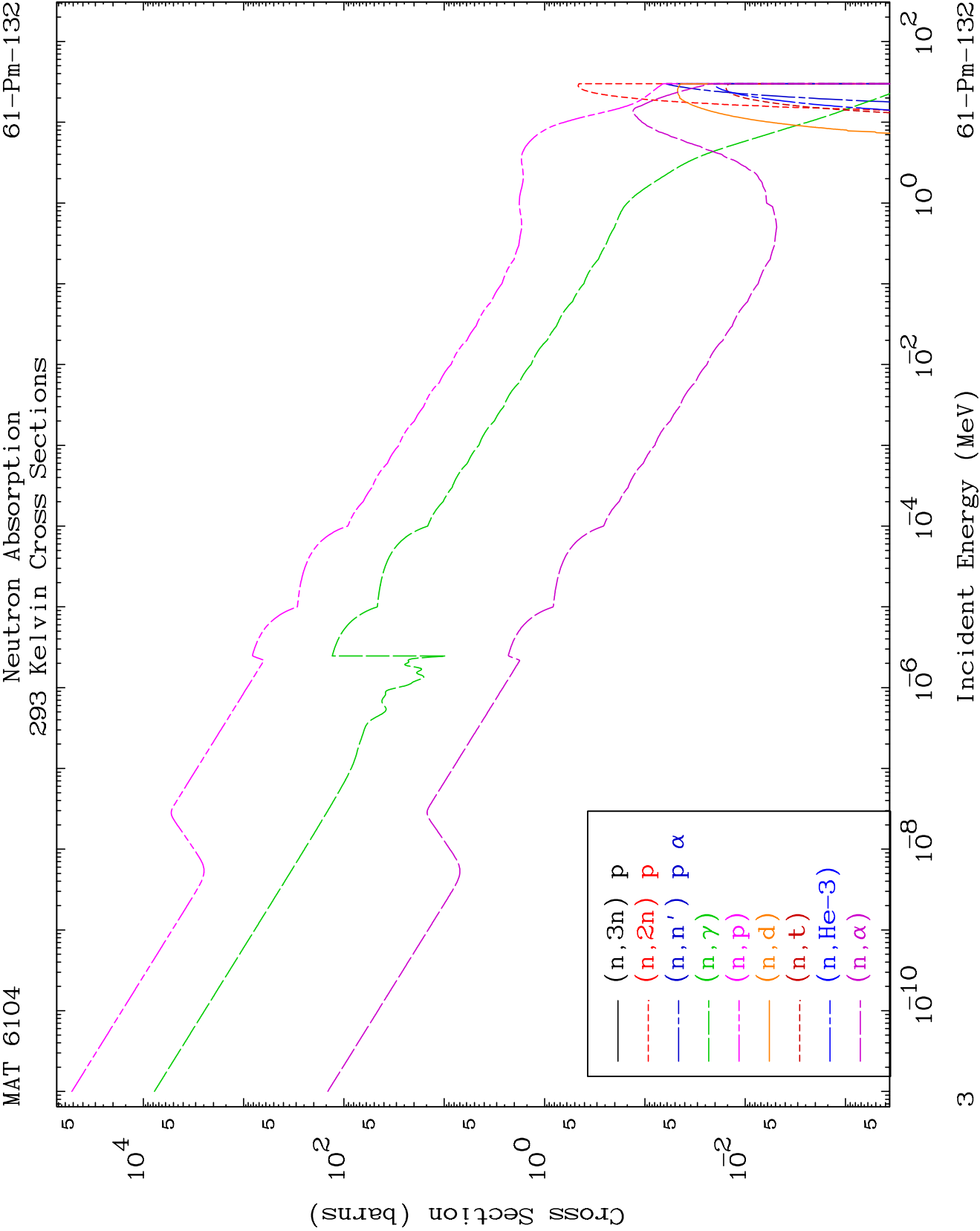
Tele: 925-443-1911

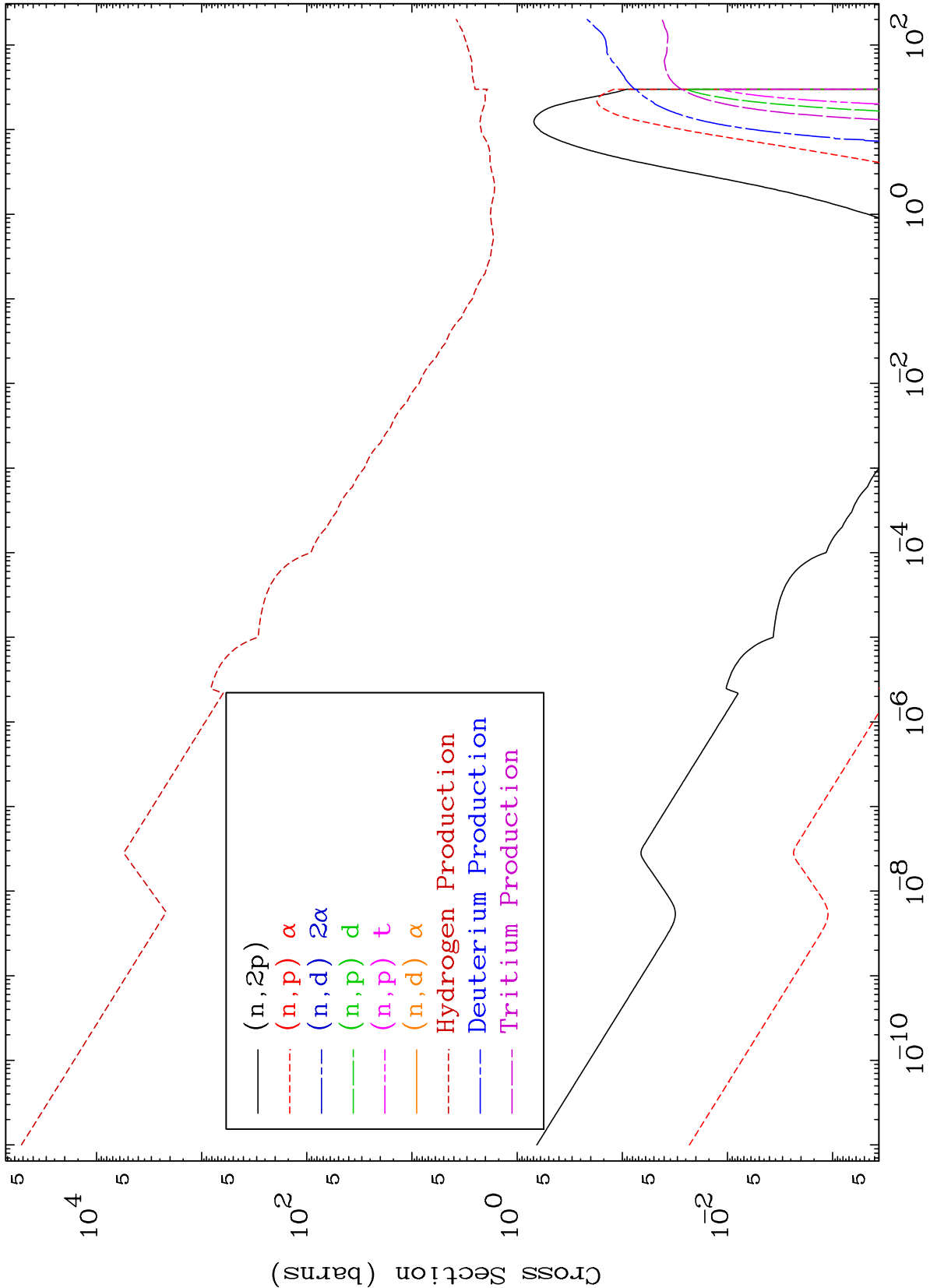
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

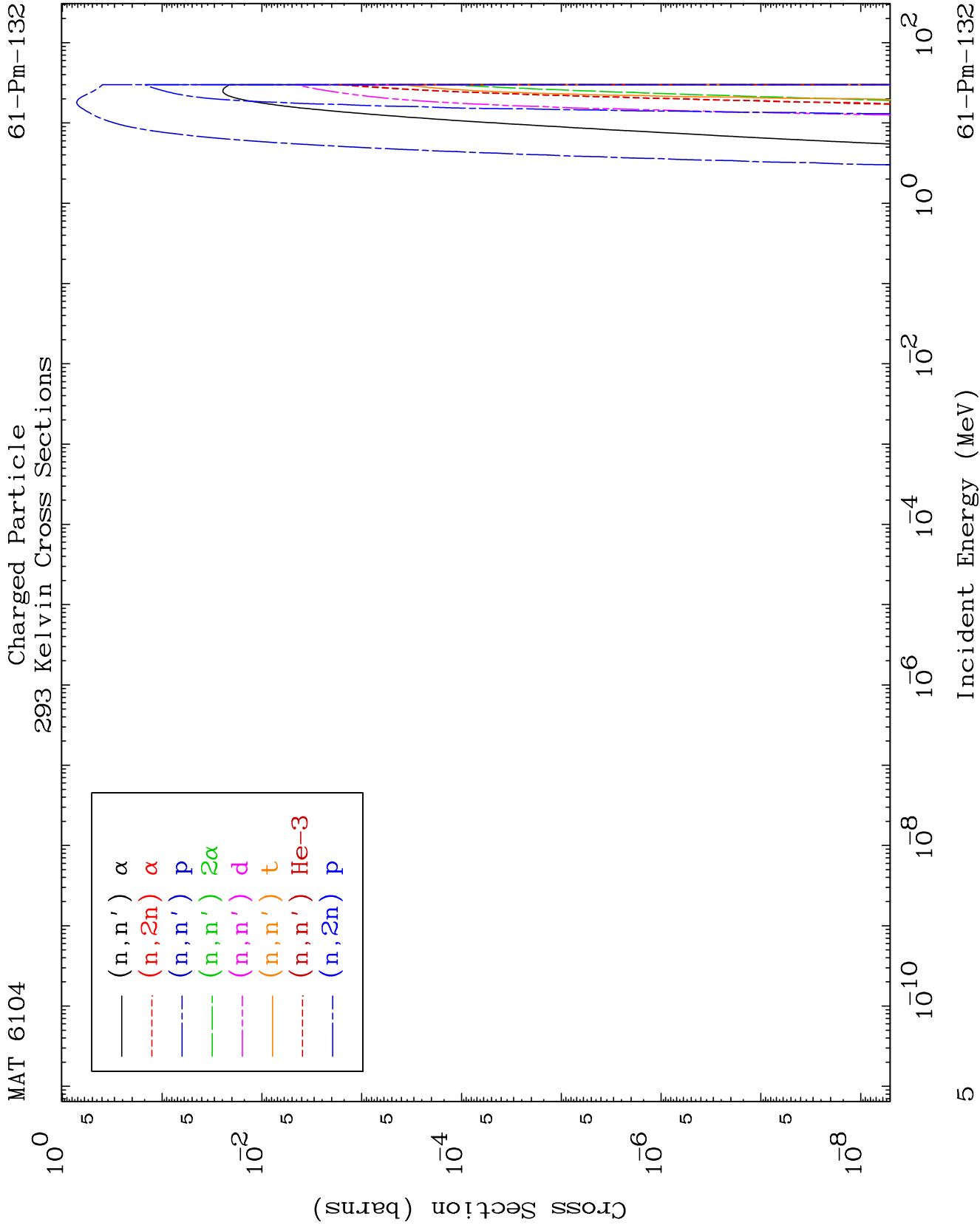
Press Mouse Button to Start

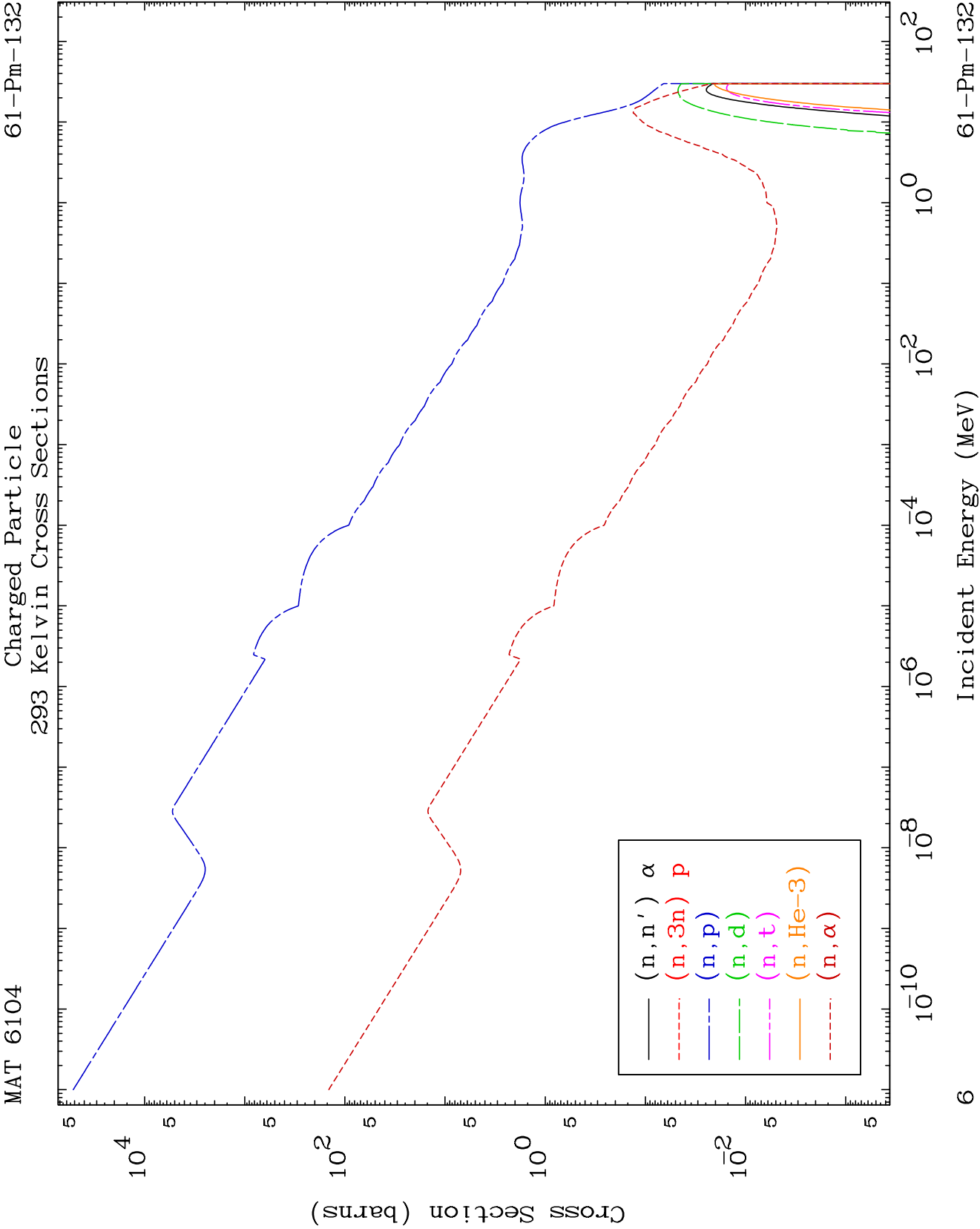


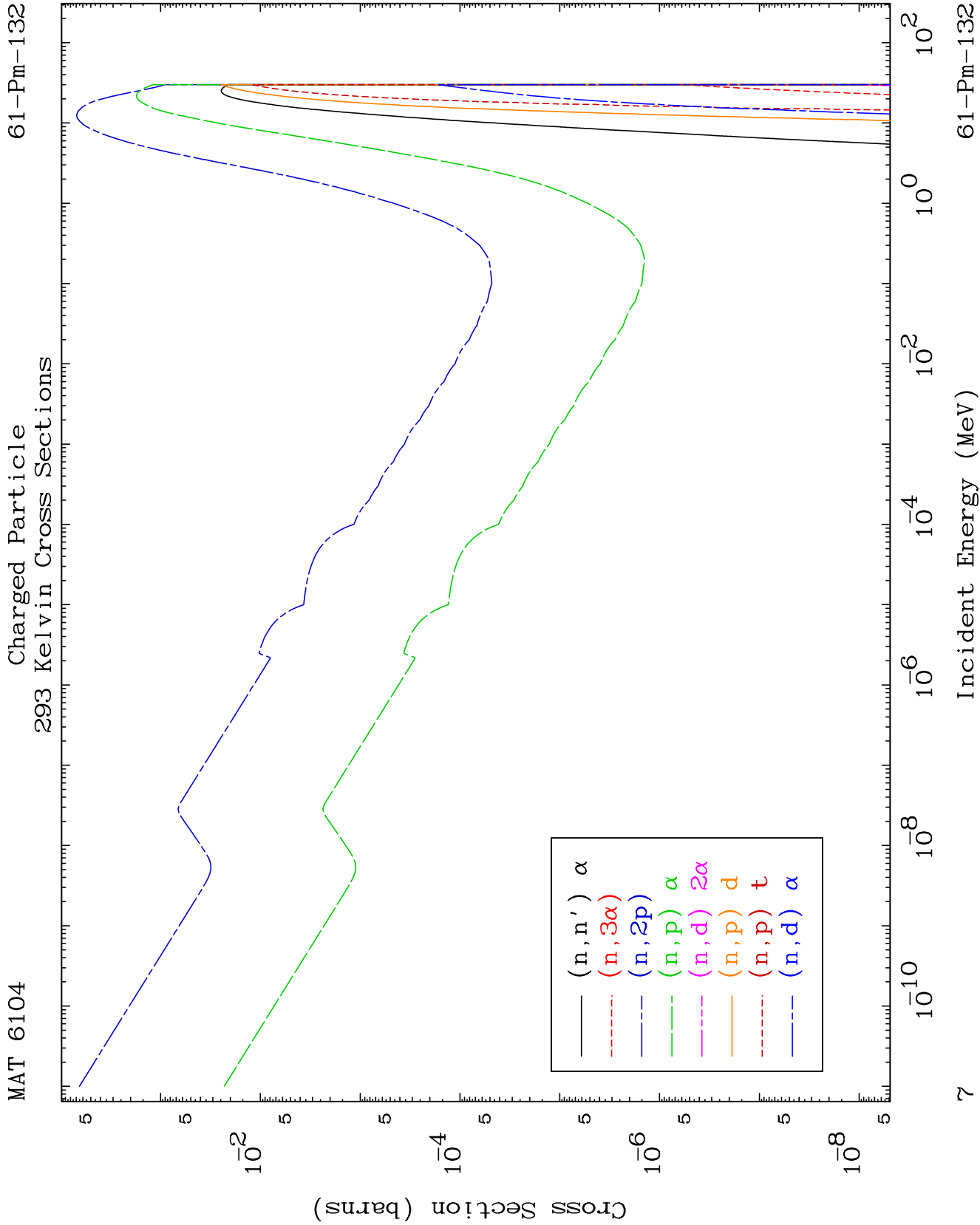


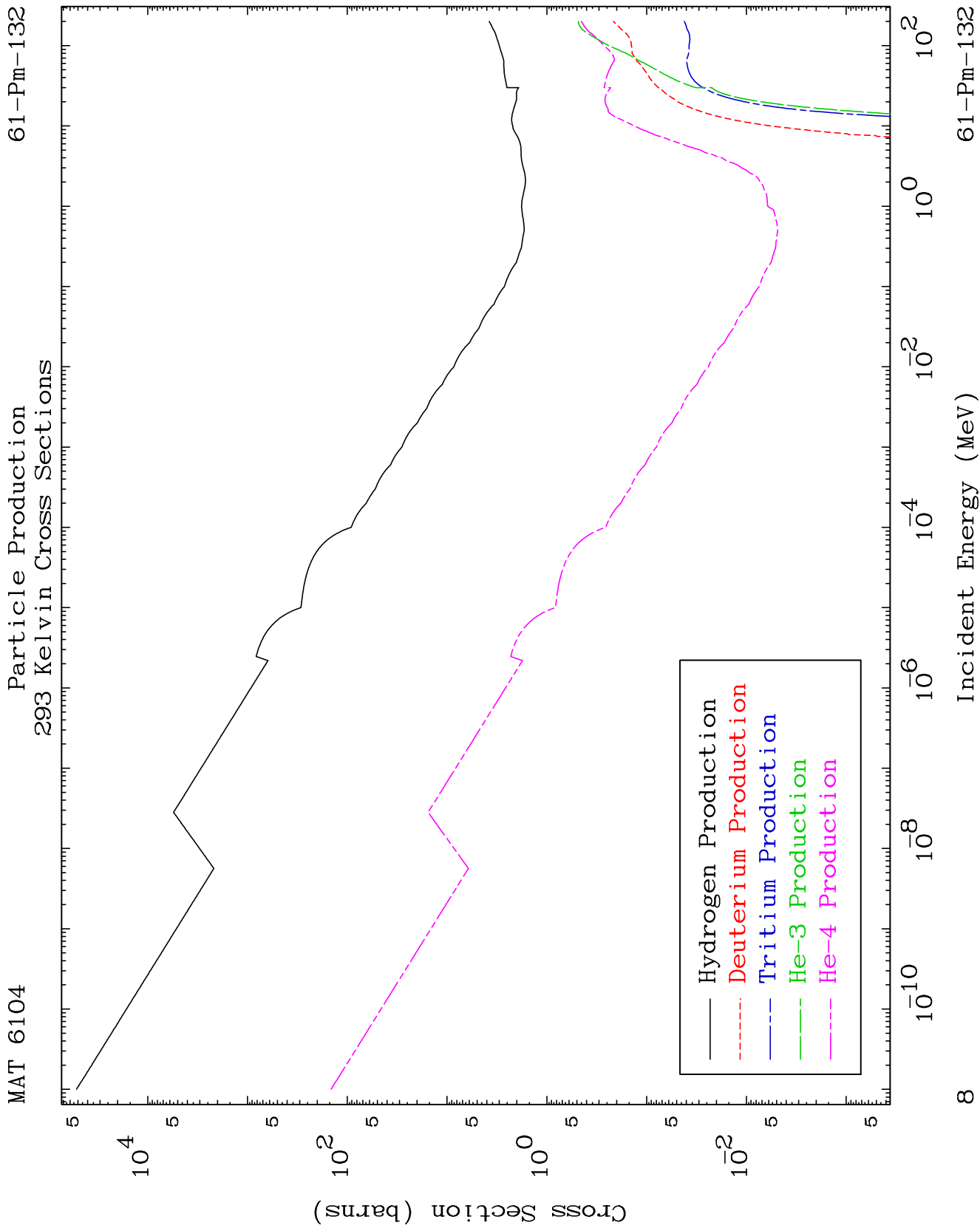




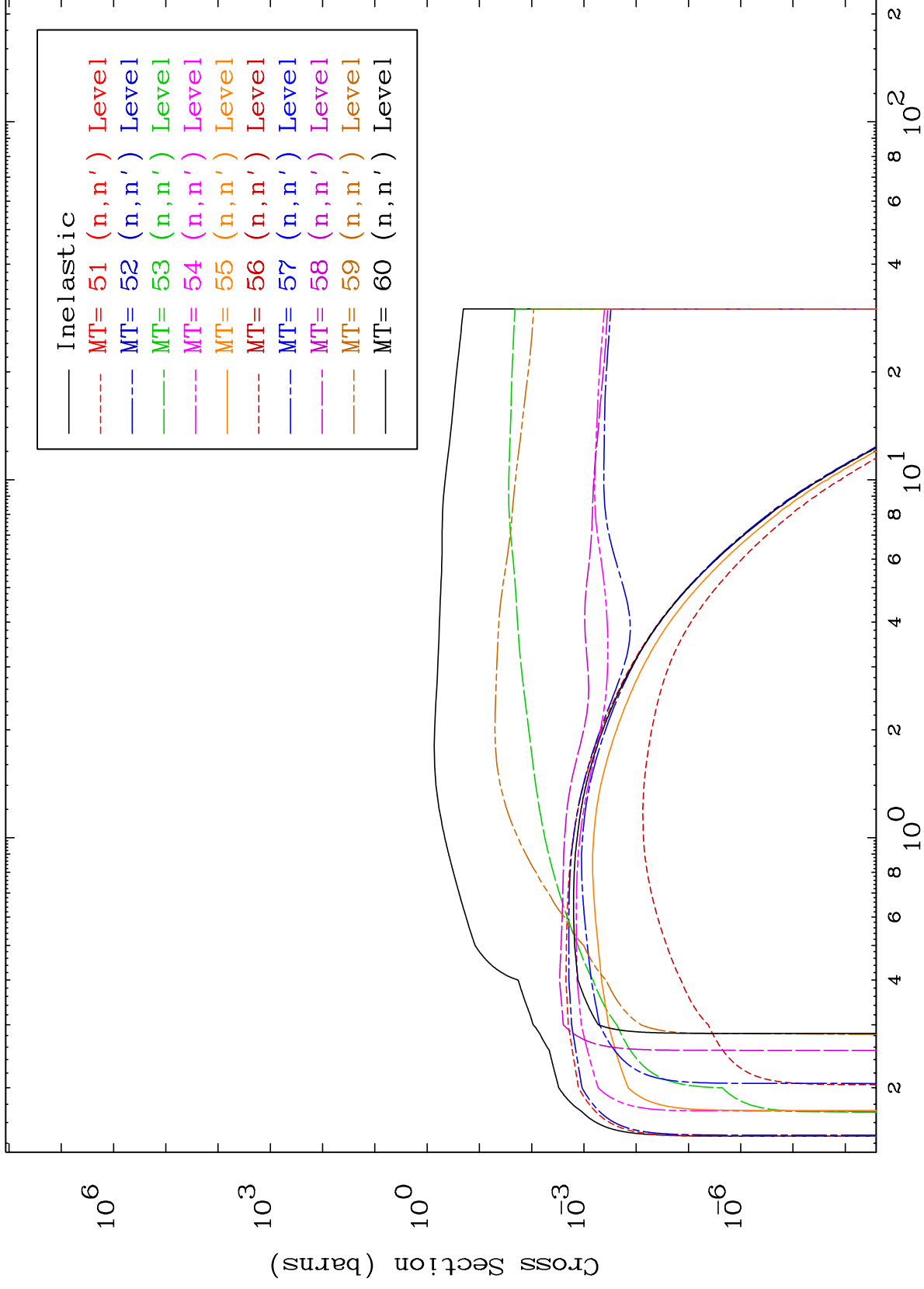








293 Kelvin Cross Sections

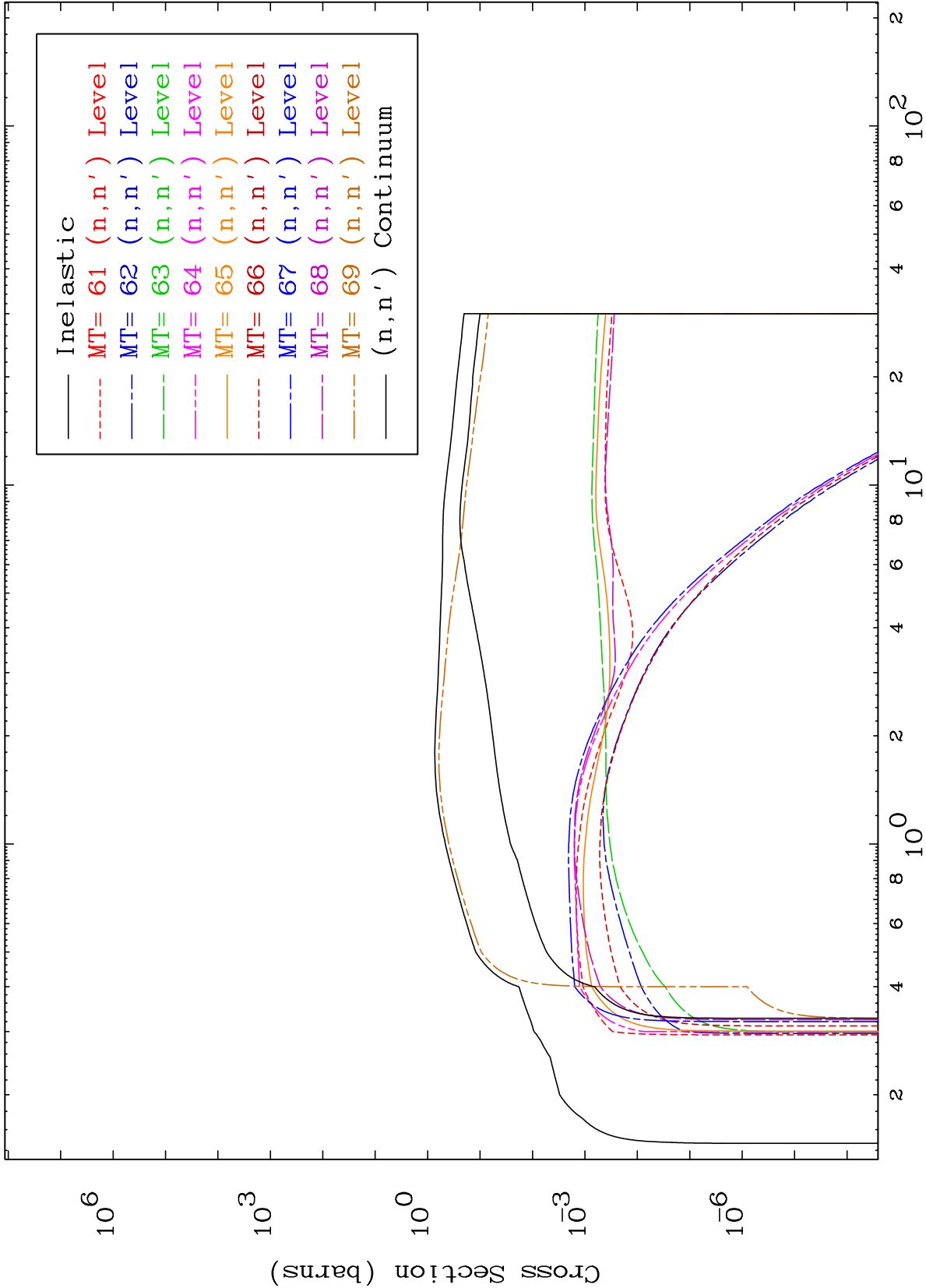


MAT 6104

(n,n') Levels

61-Pm-132

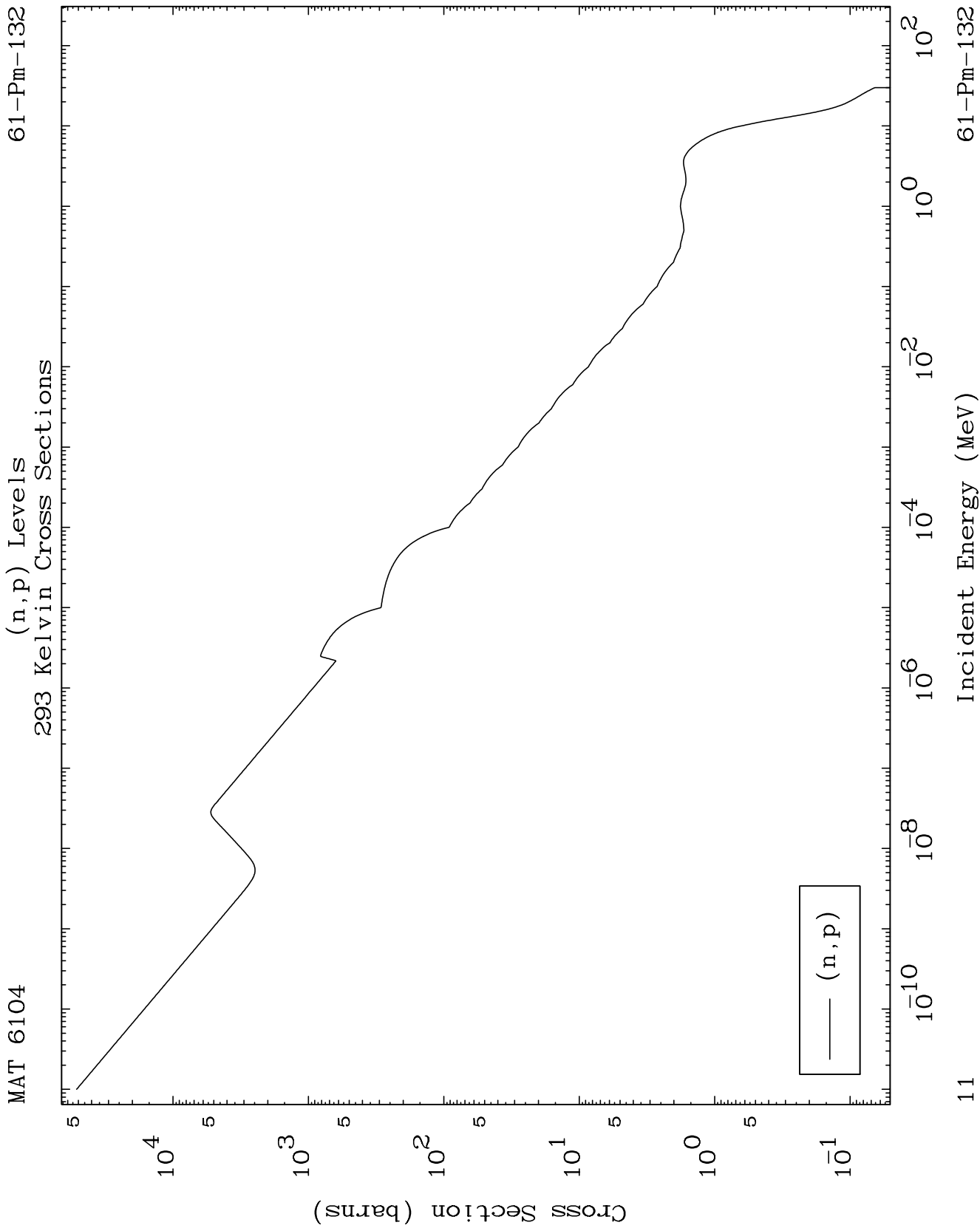
293 Kelvin Cross Sections



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Incident Energy (MeV)

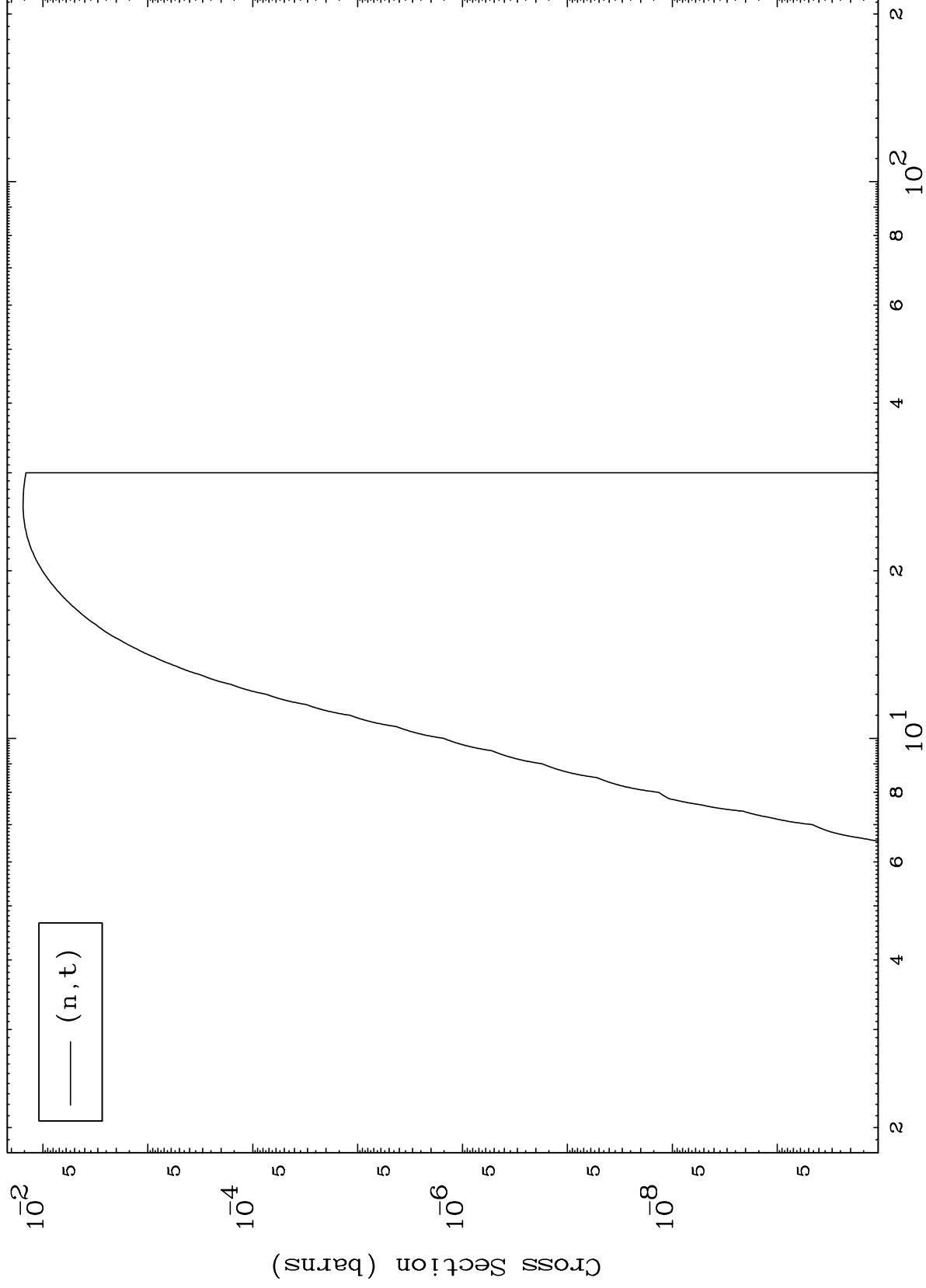
61-Pm-132



MAT 6104

61-Pm-132

(n,t) Levels
293 Kelvin Cross Sections



13

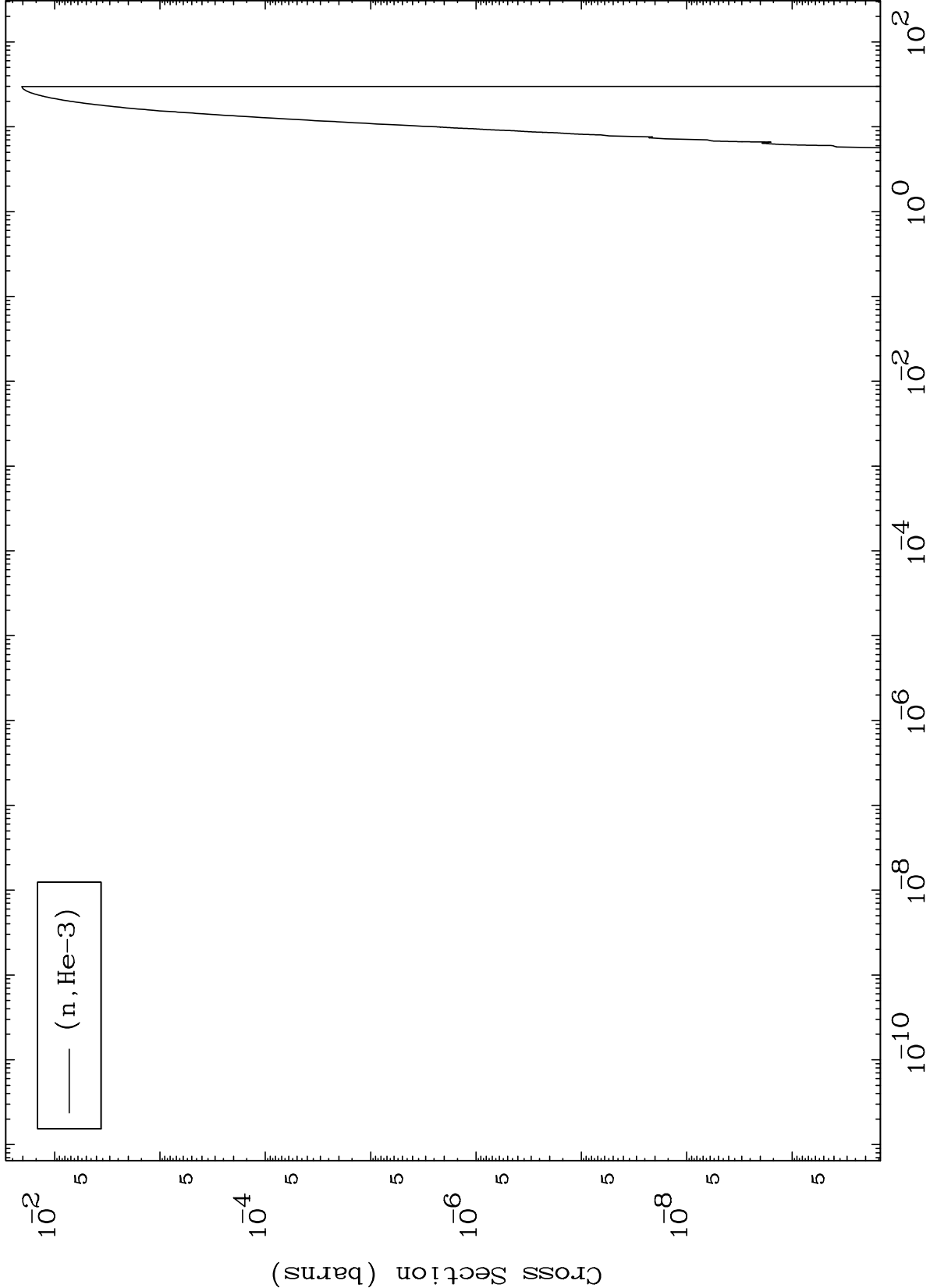
Incident Energy (MeV)

61-Pm-132

MAT 6104

(n,He3) Levels
293 Kelvin Cross Sections

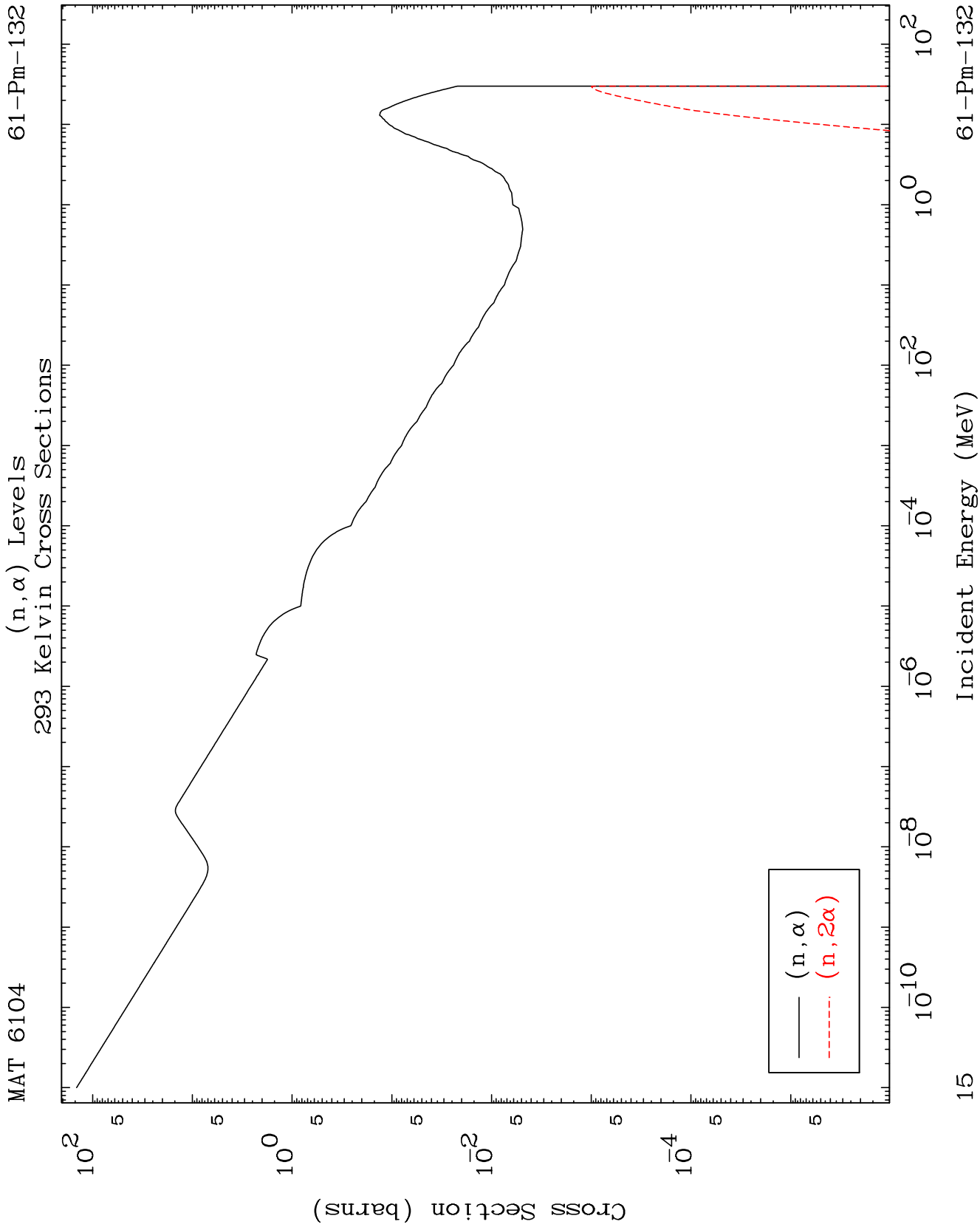
61-Pm-132

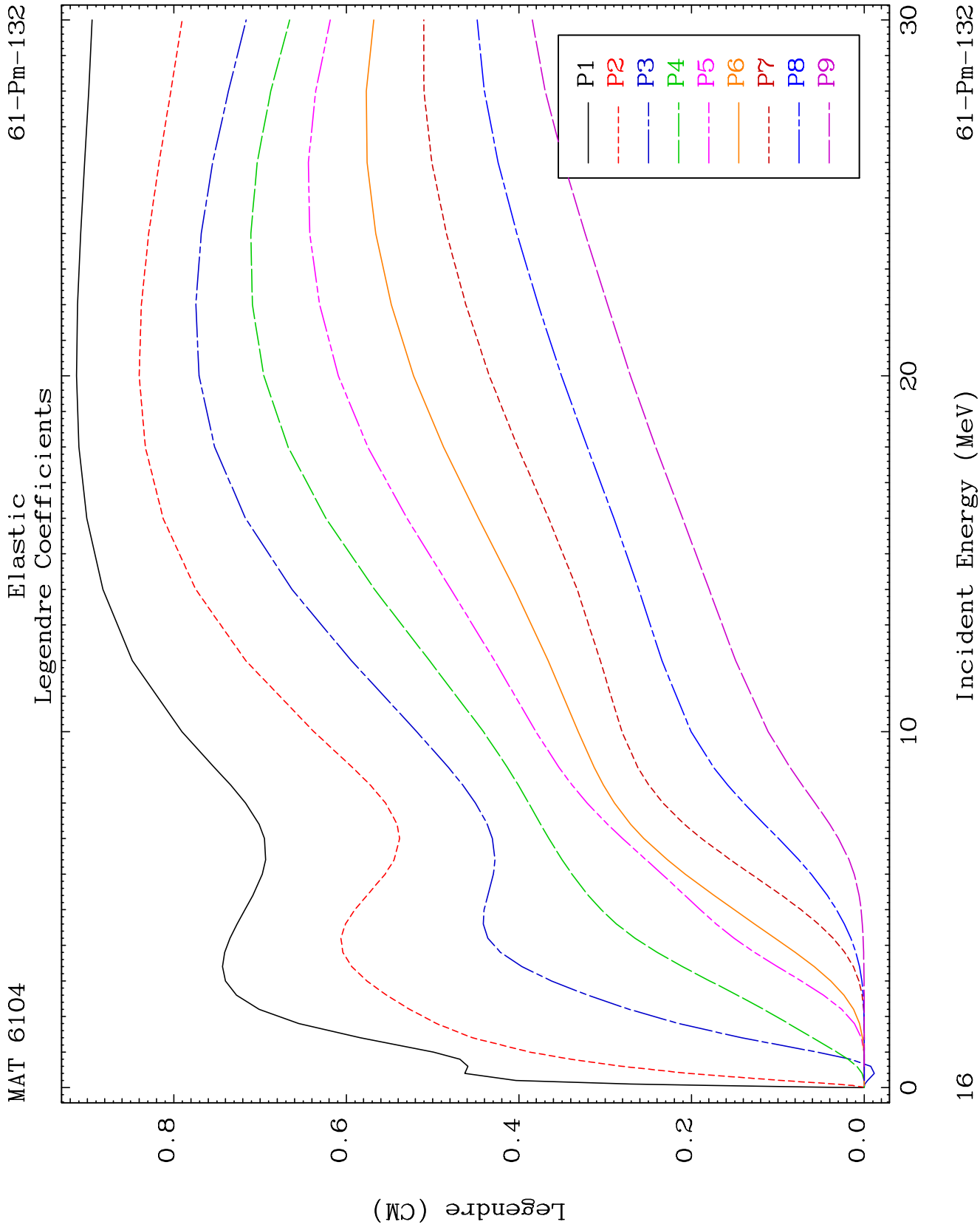


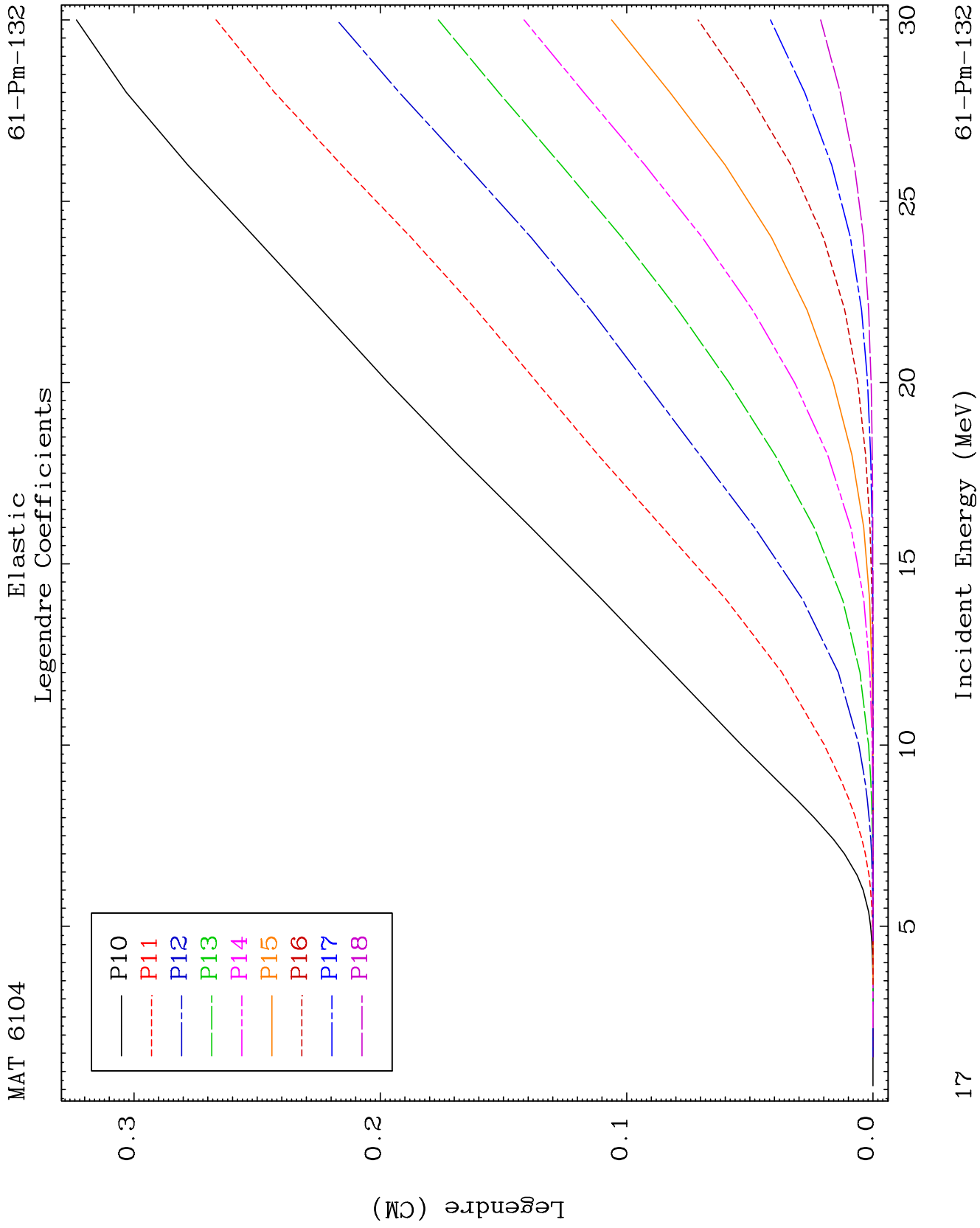
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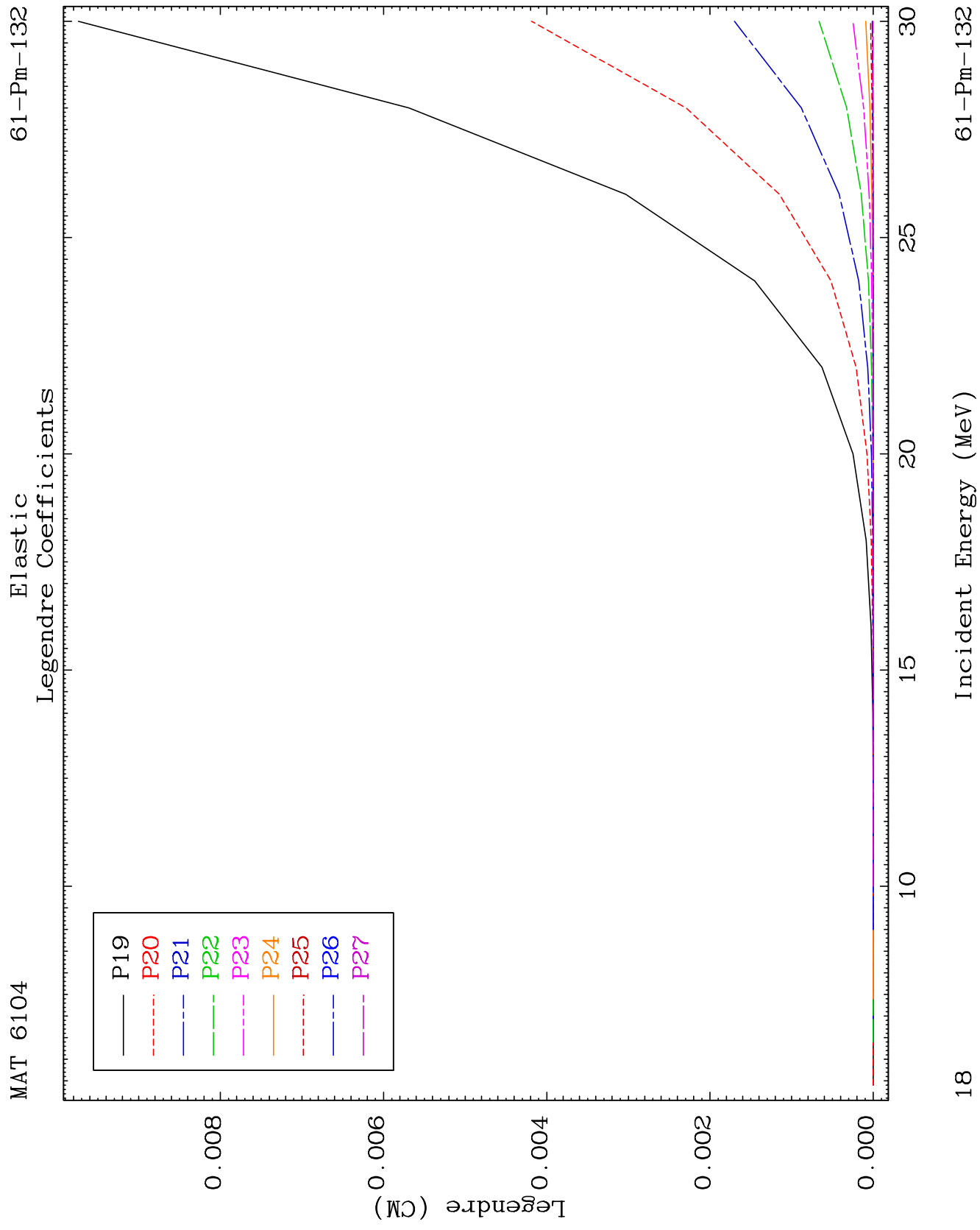
Incident Energy (MeV)

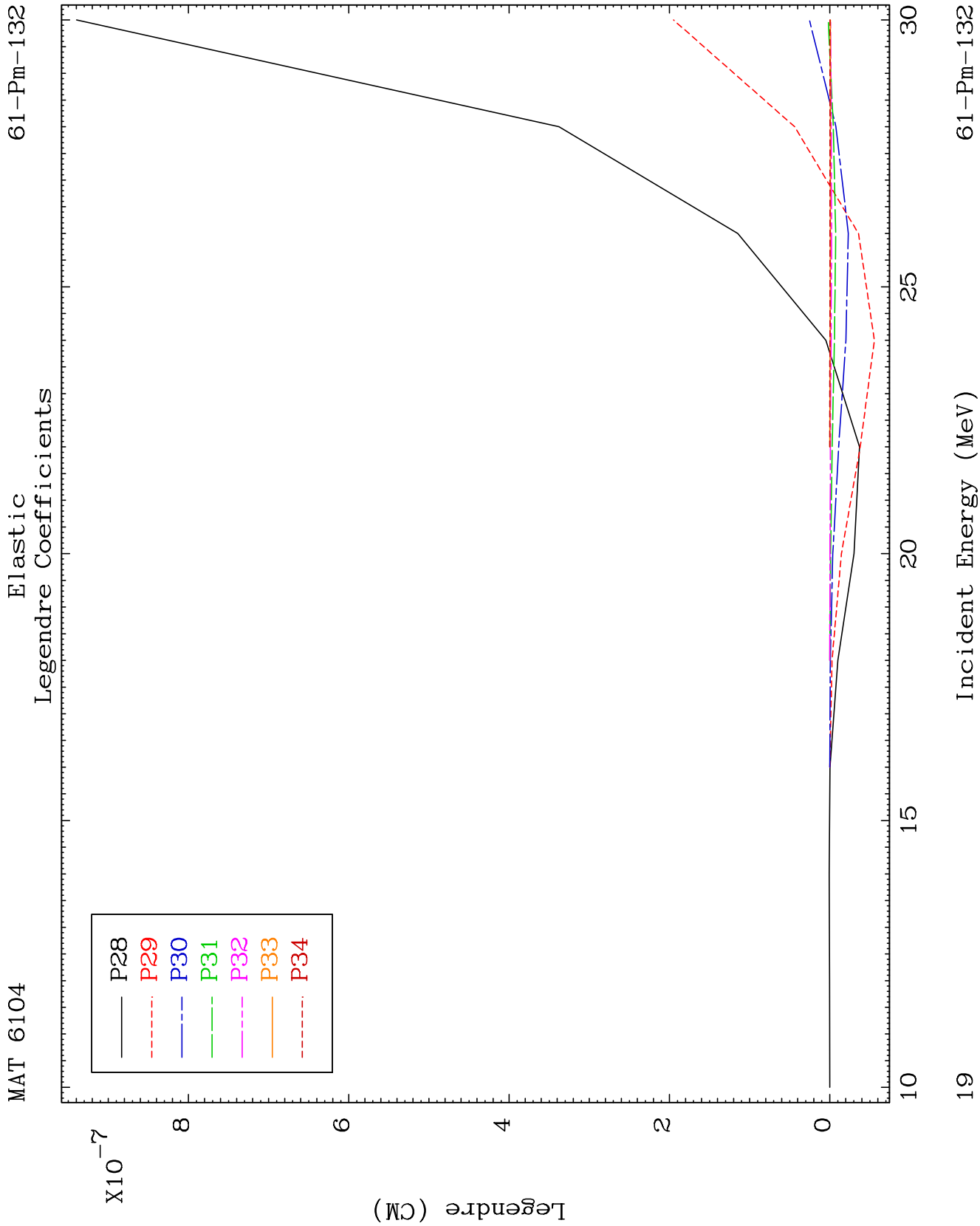
61-Pm-132

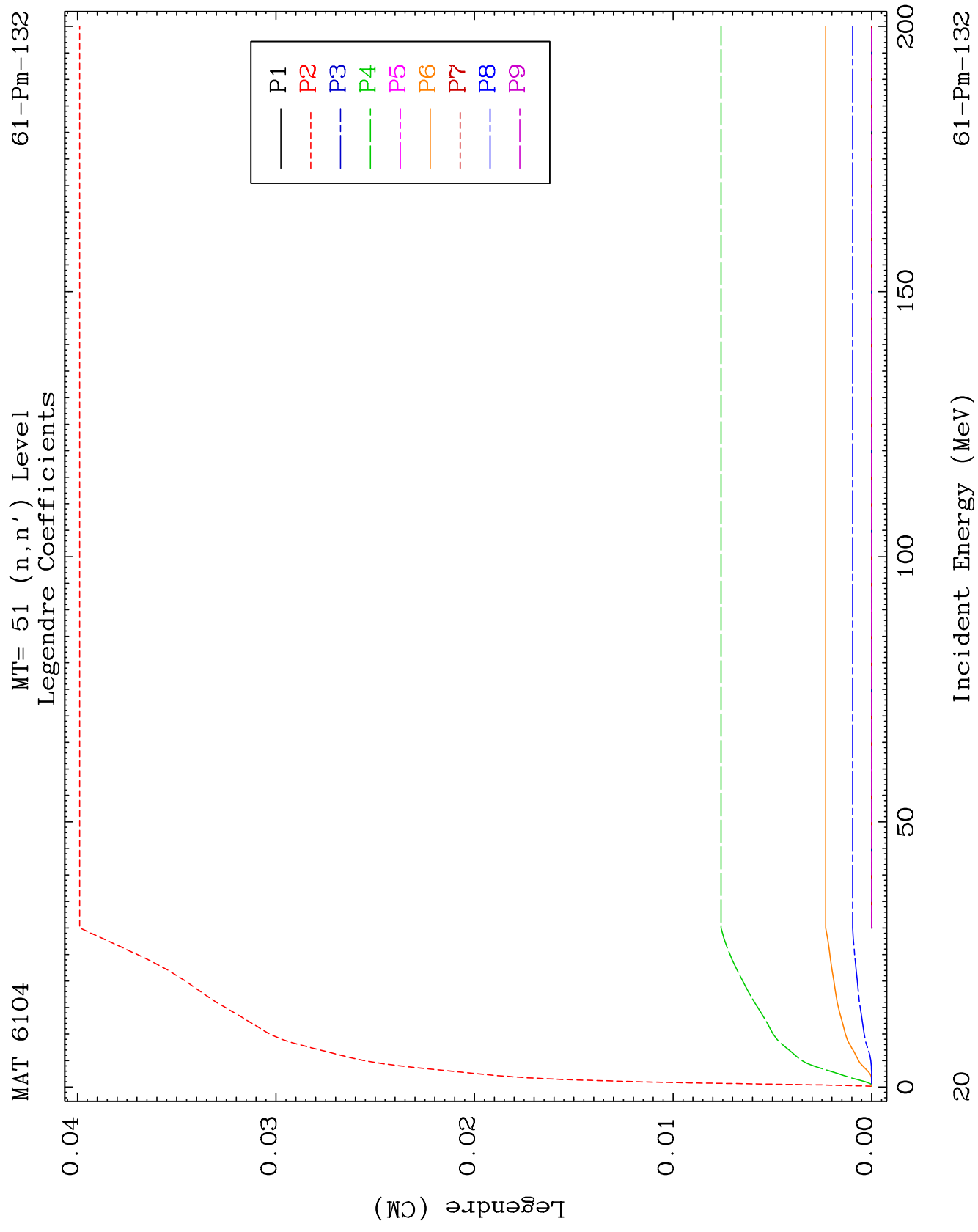








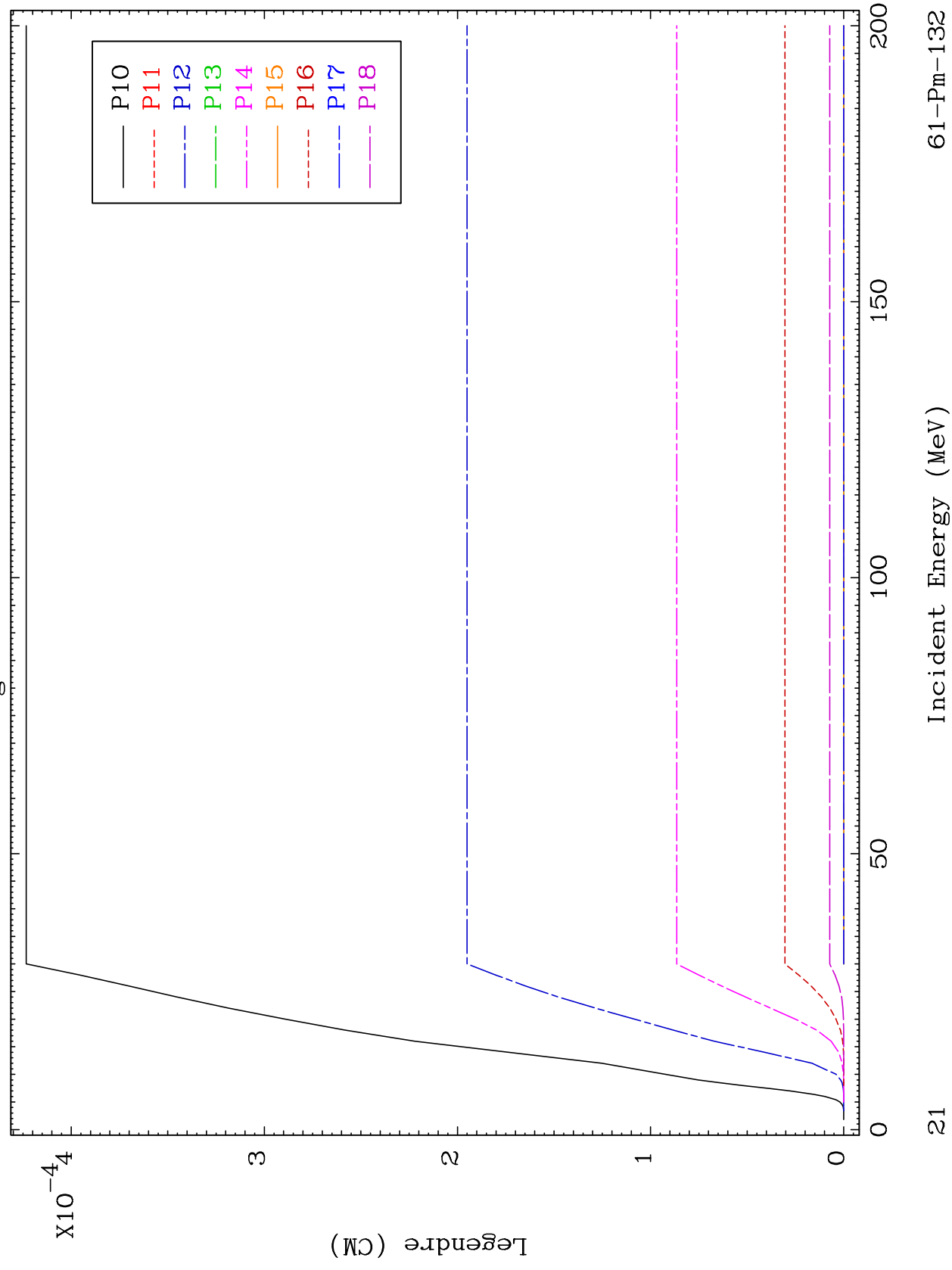




MAT 6104

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

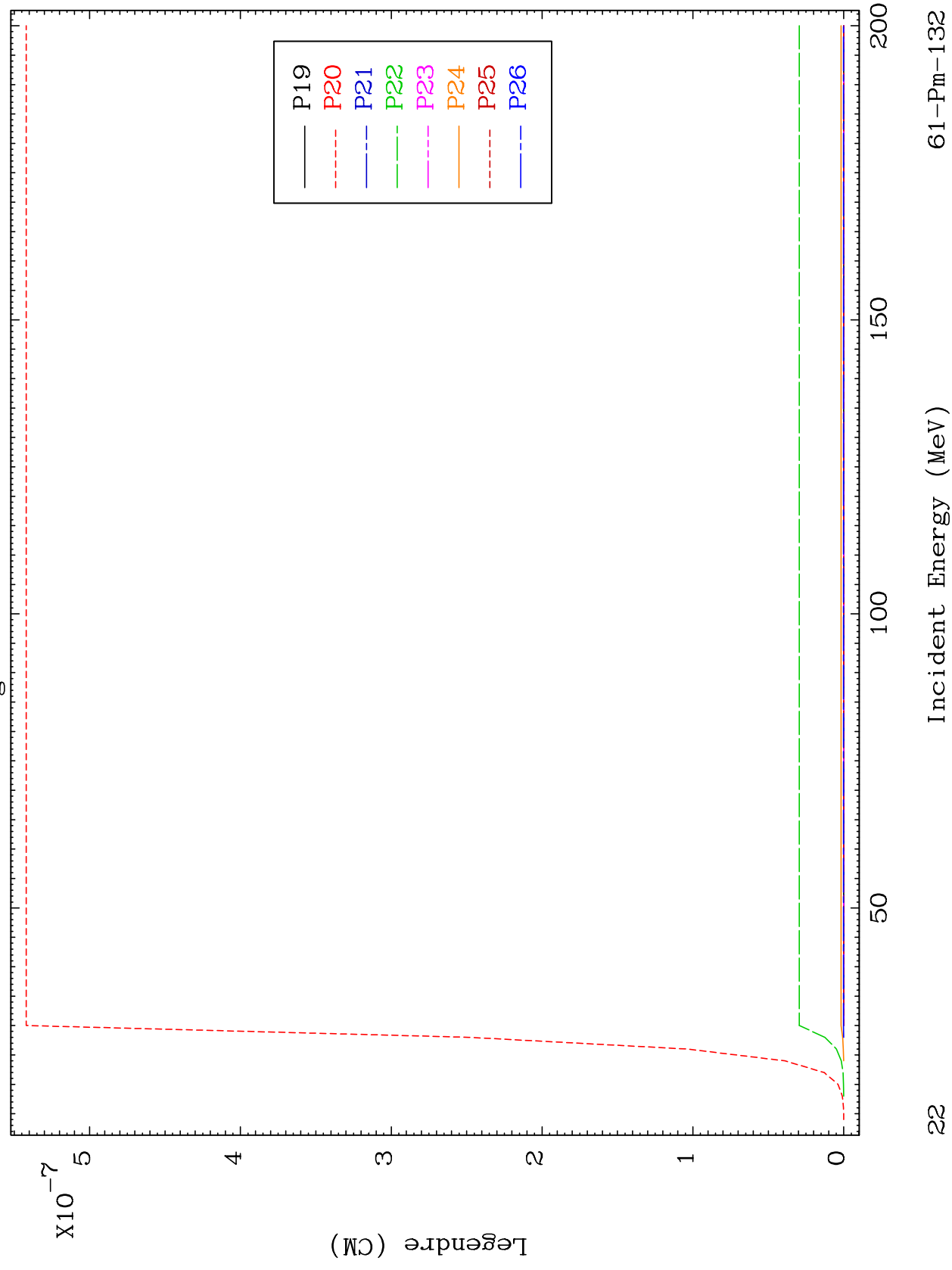
61-Pm-132



MAT 6104

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

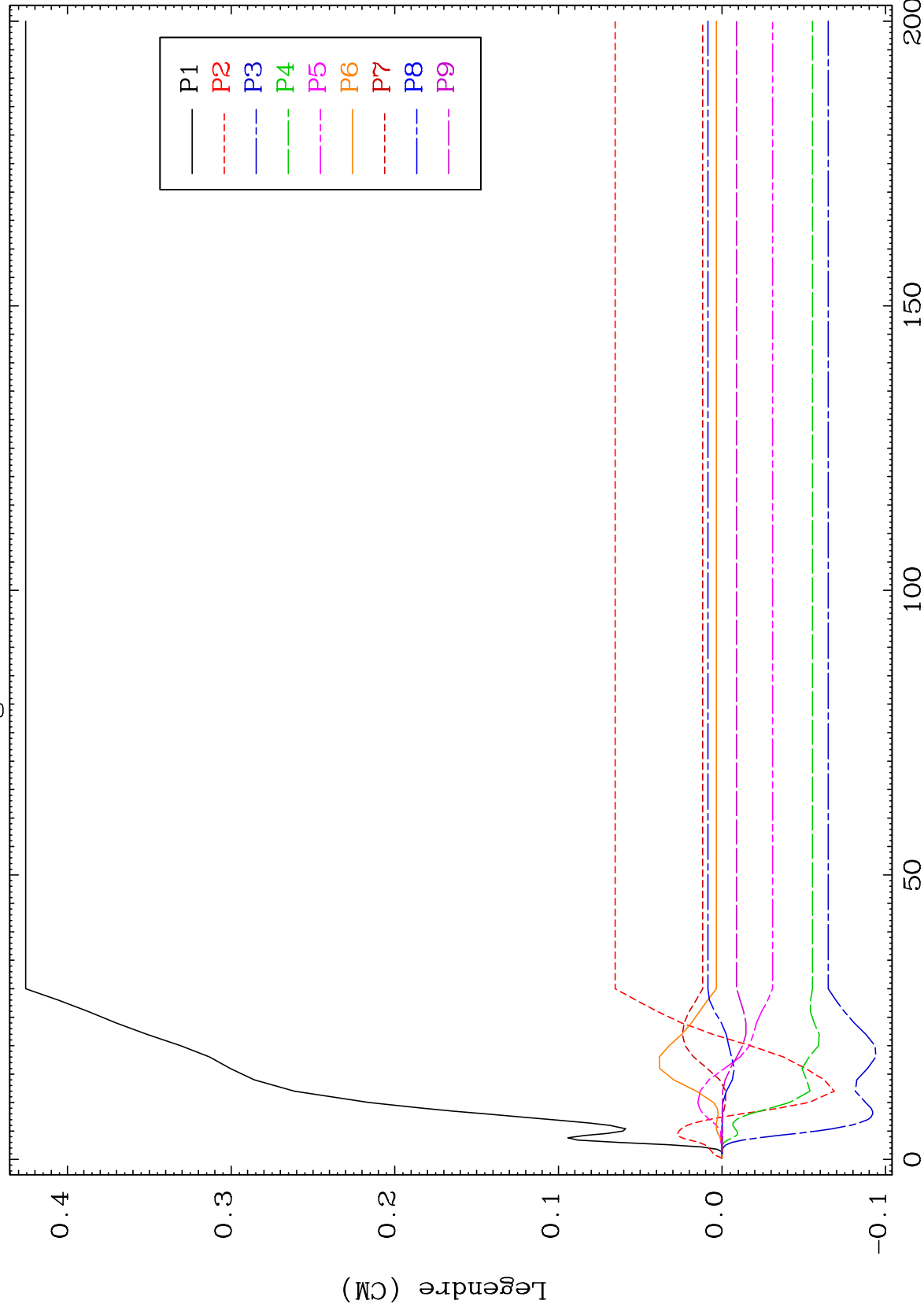
61-Pm-132



MAT 6104

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

61-Pm-132



32

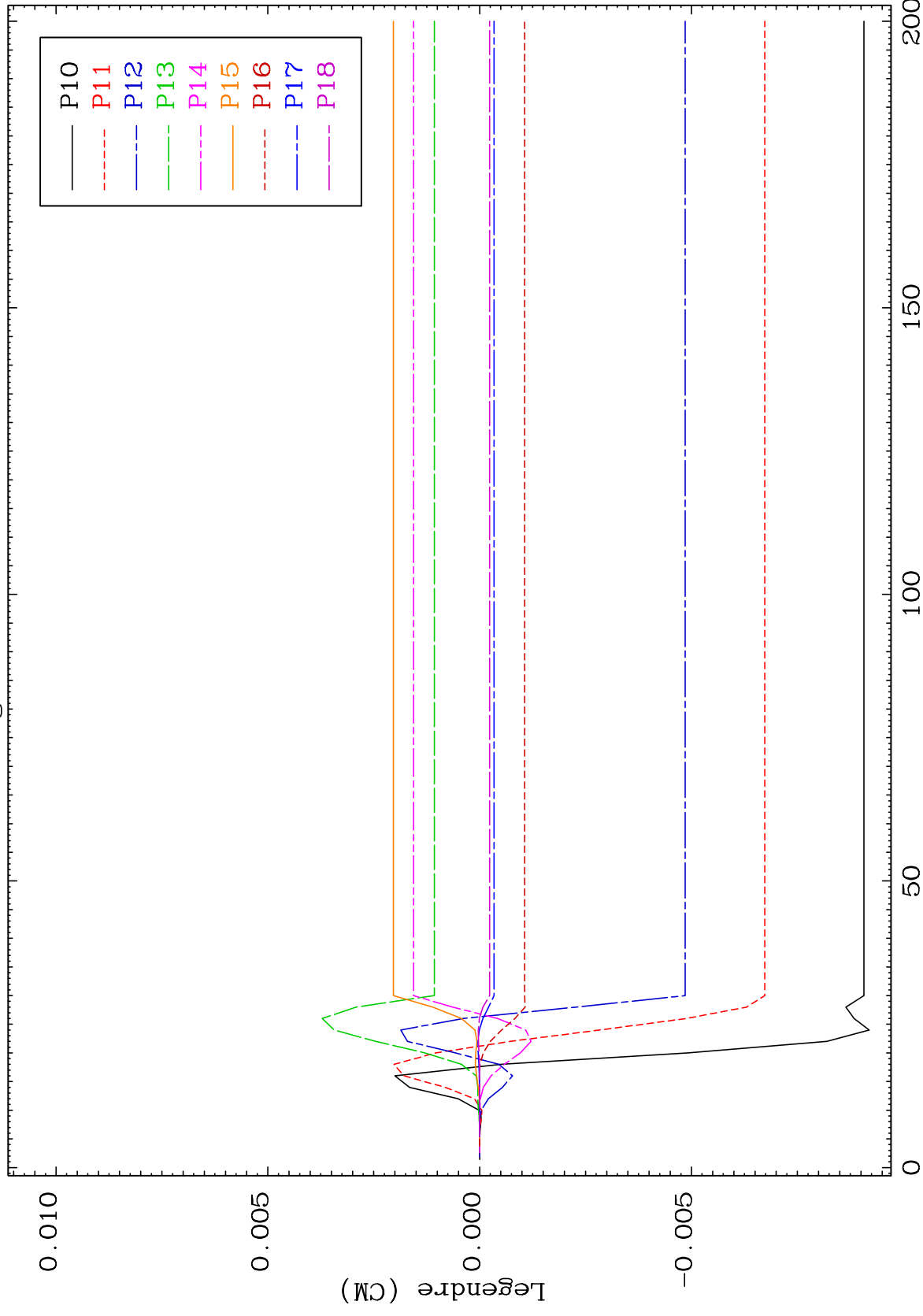
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

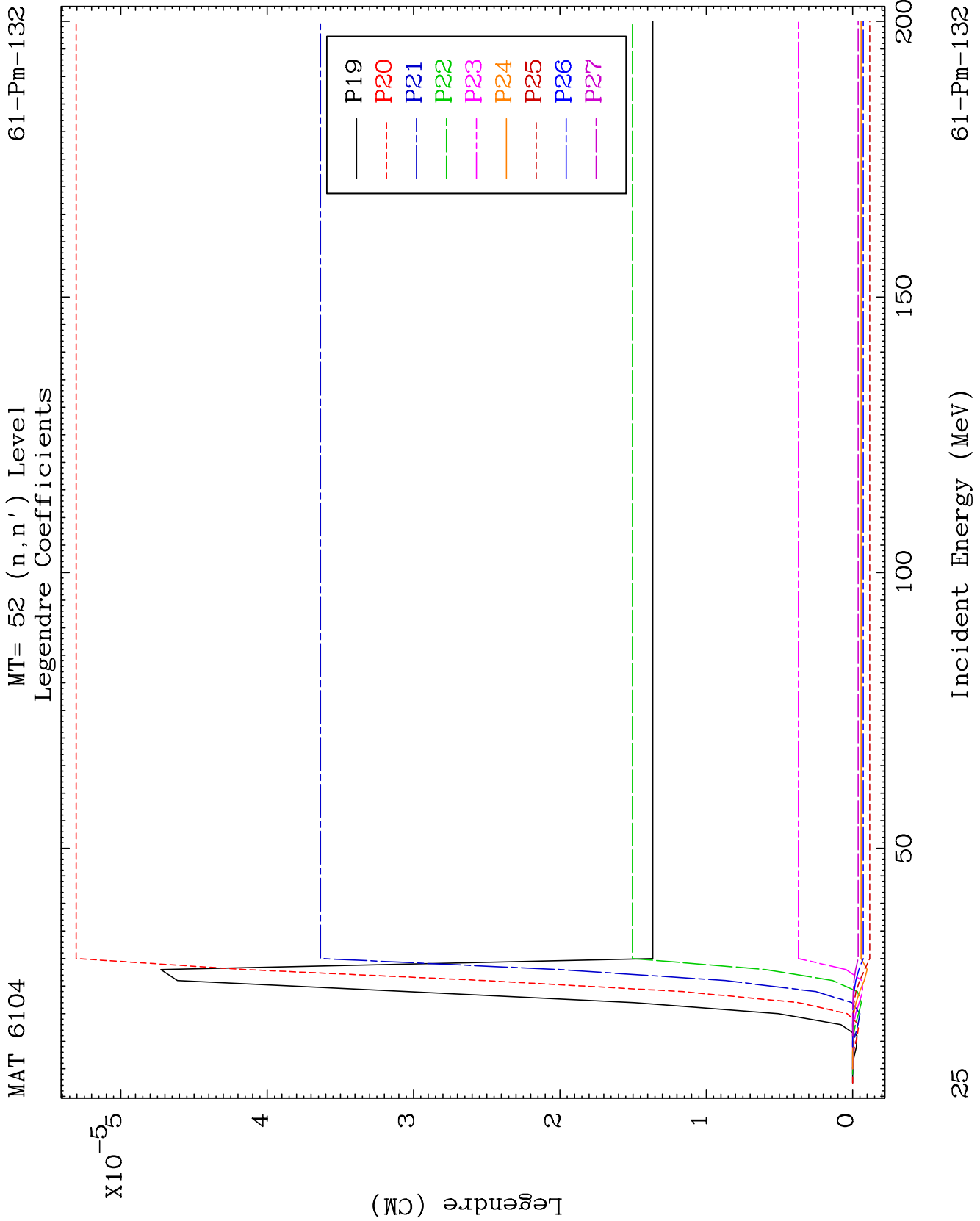
61-Pm-132

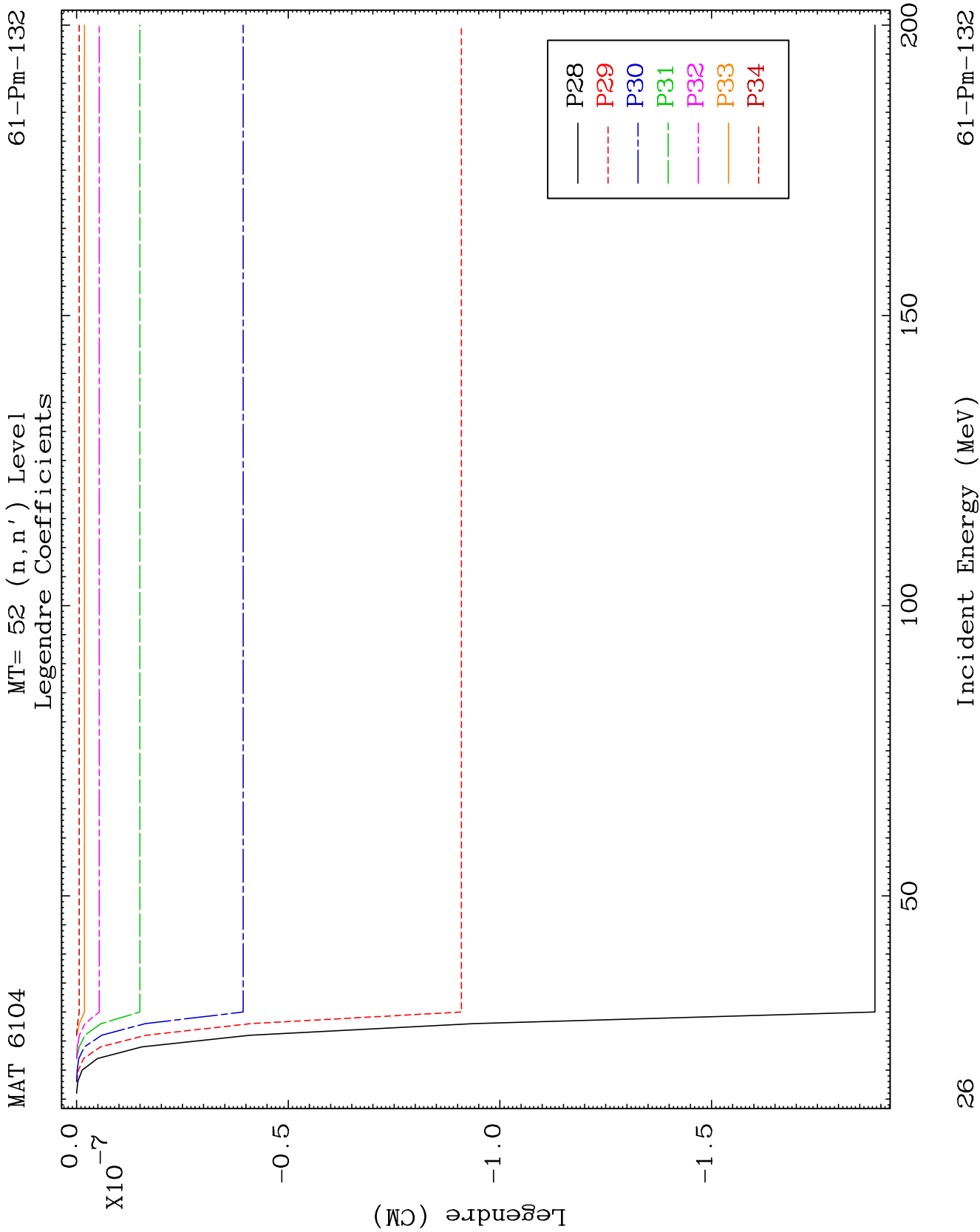


24

Incident Energy (MeV)

61-Pm-132

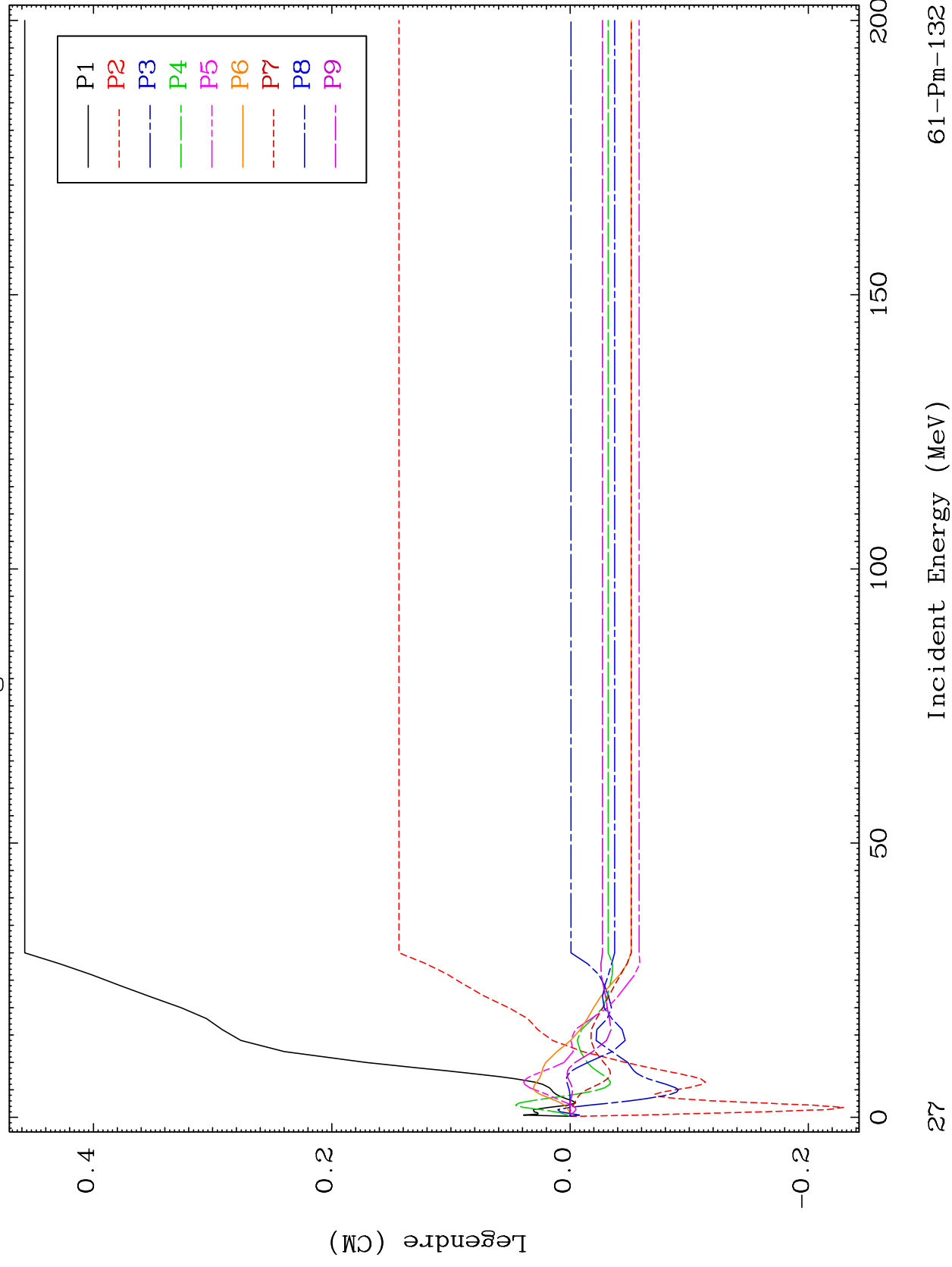




MAT 6104

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

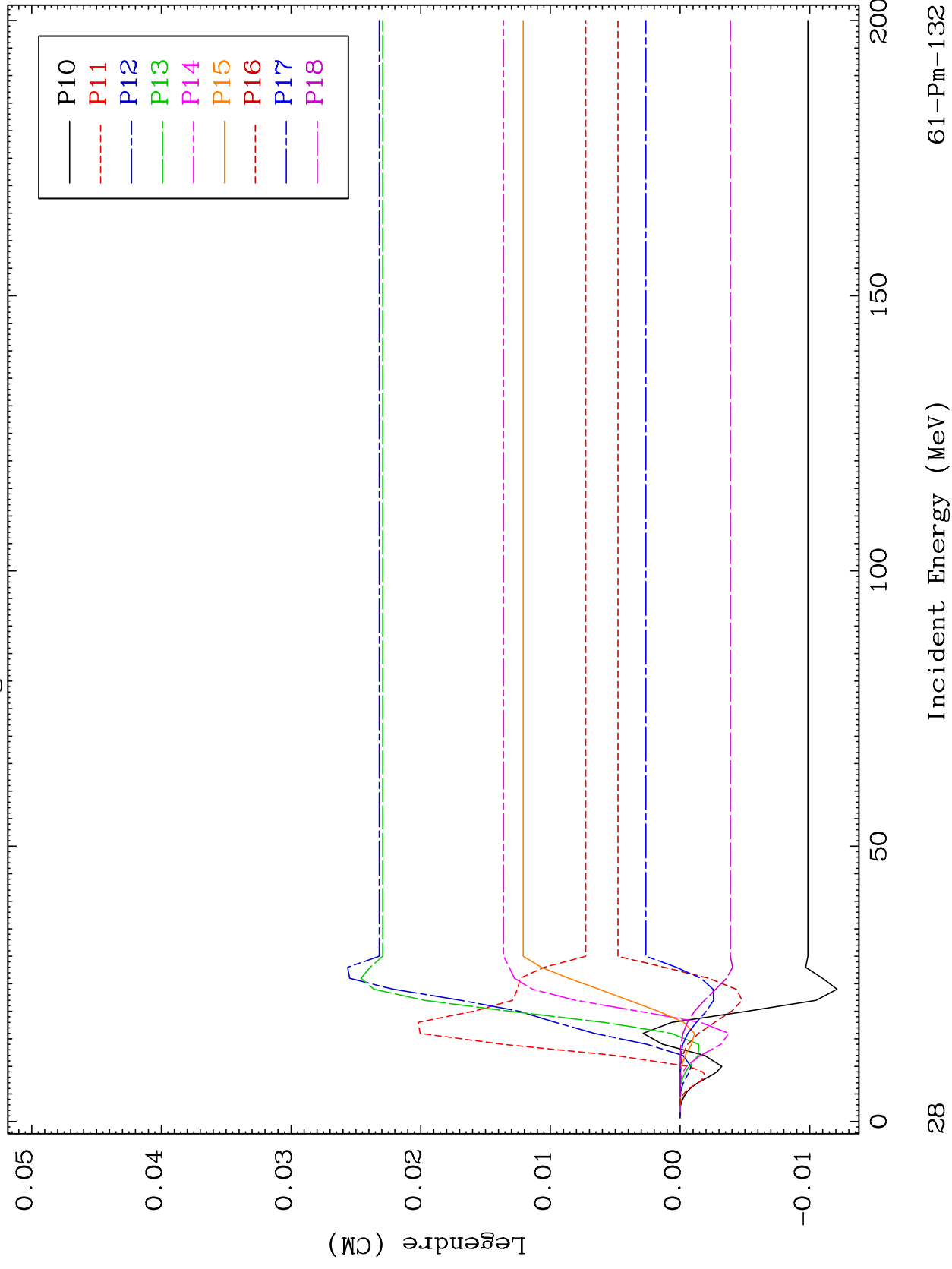
61-Pm-132

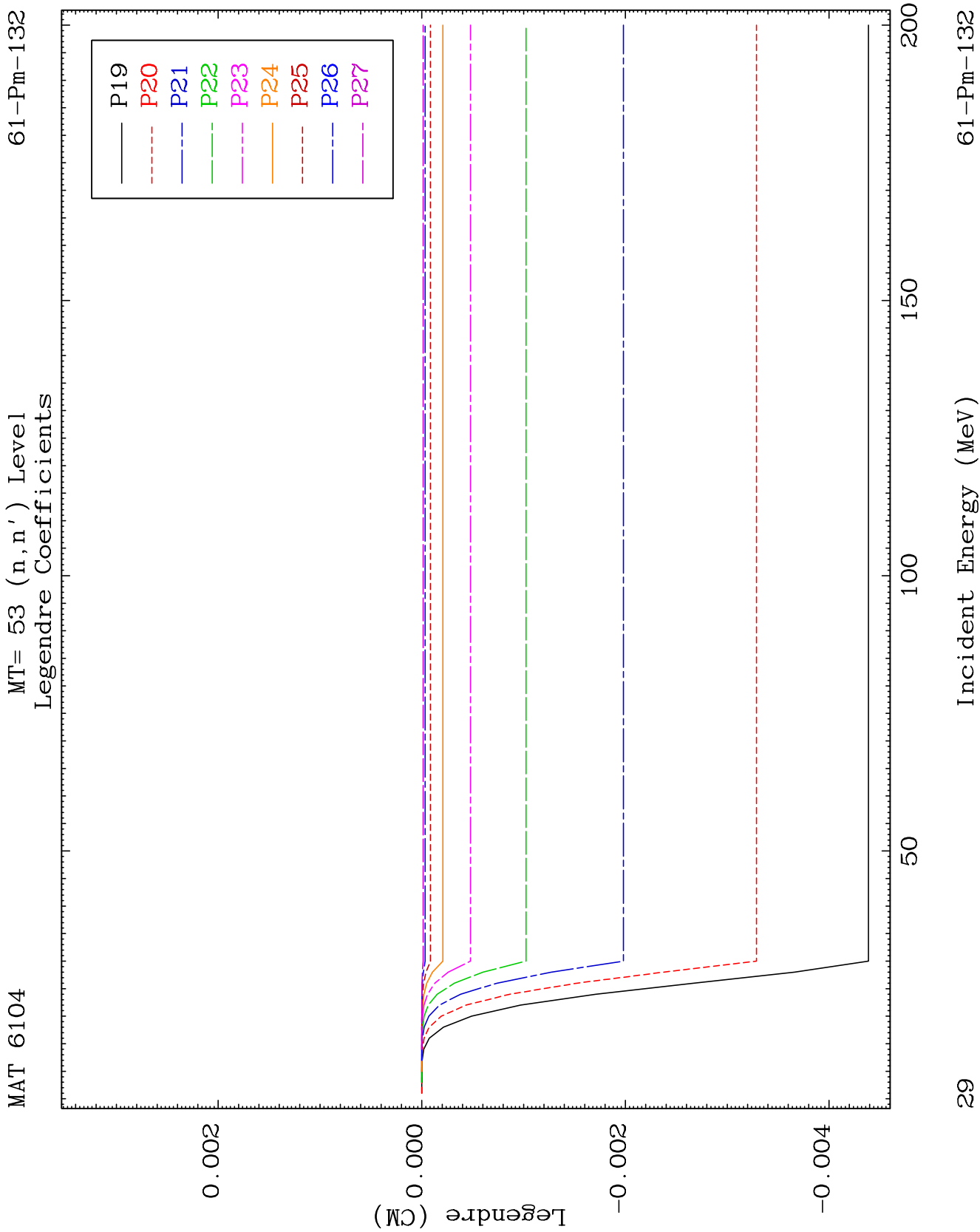


MAT 6104

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

61-Pm-132

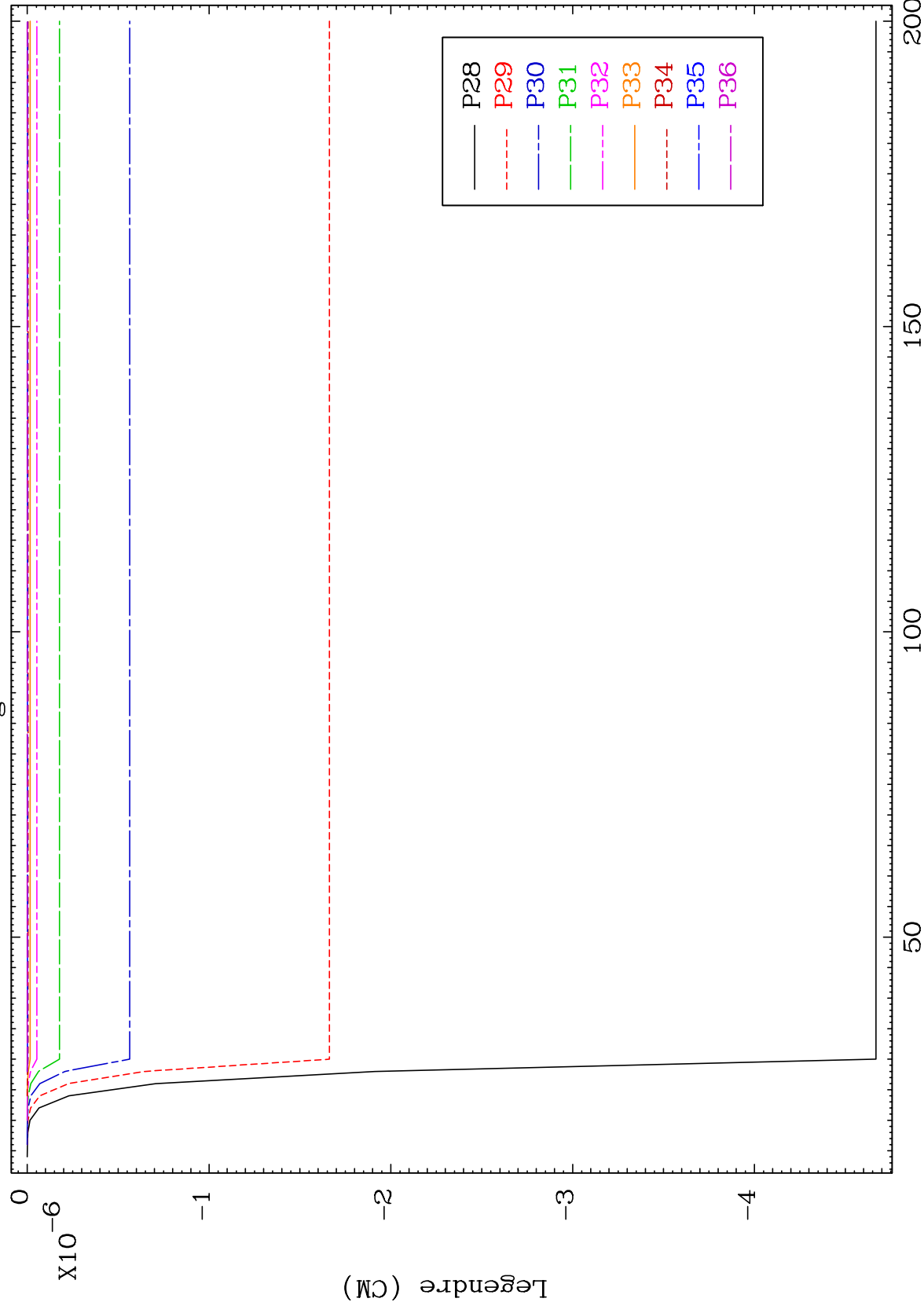




MAT 6104

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

61-Pm-132



30

Incident Energy (MeV)

61-Pm-132

50

100

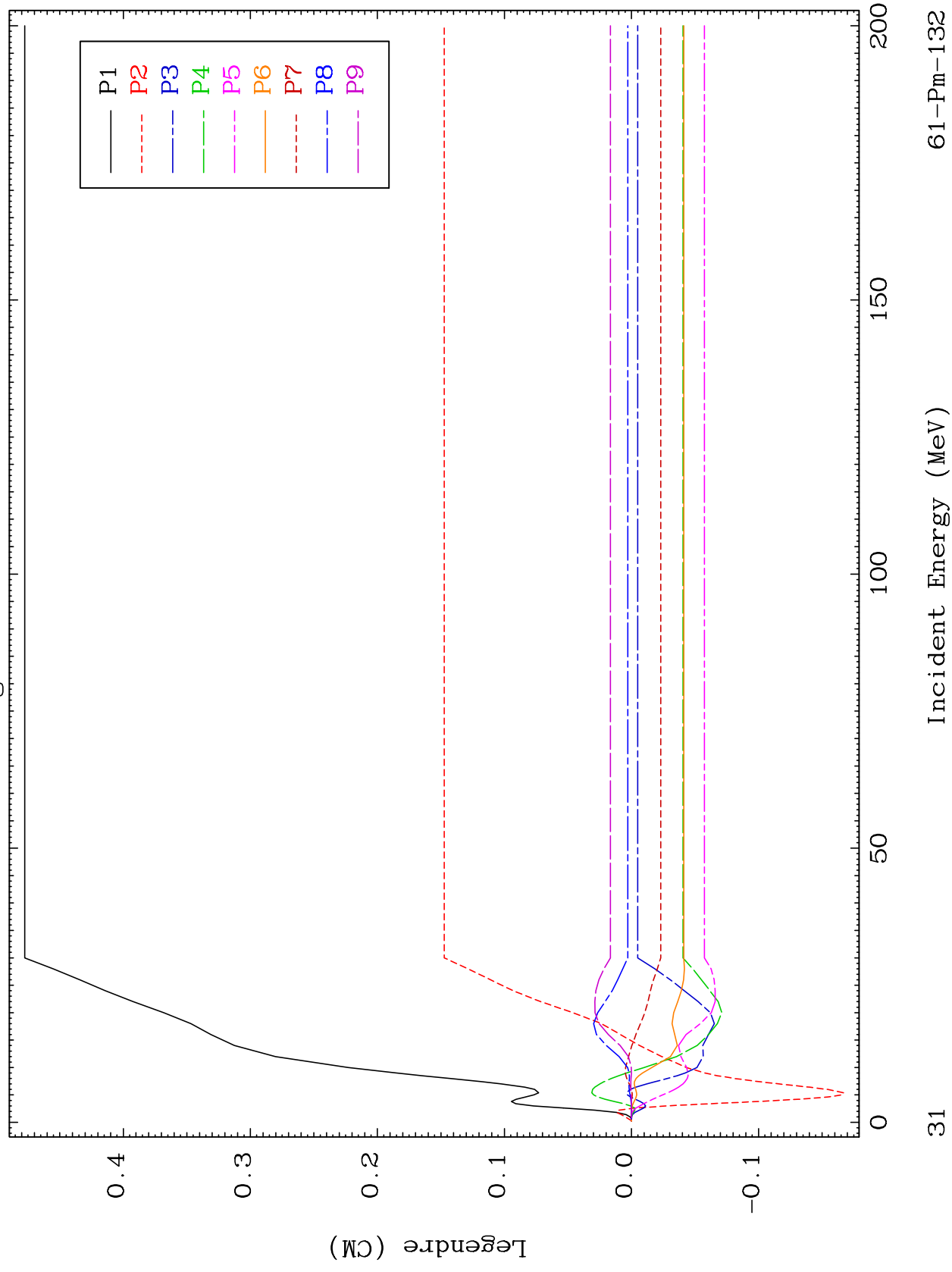
150

200

MAT 6104

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

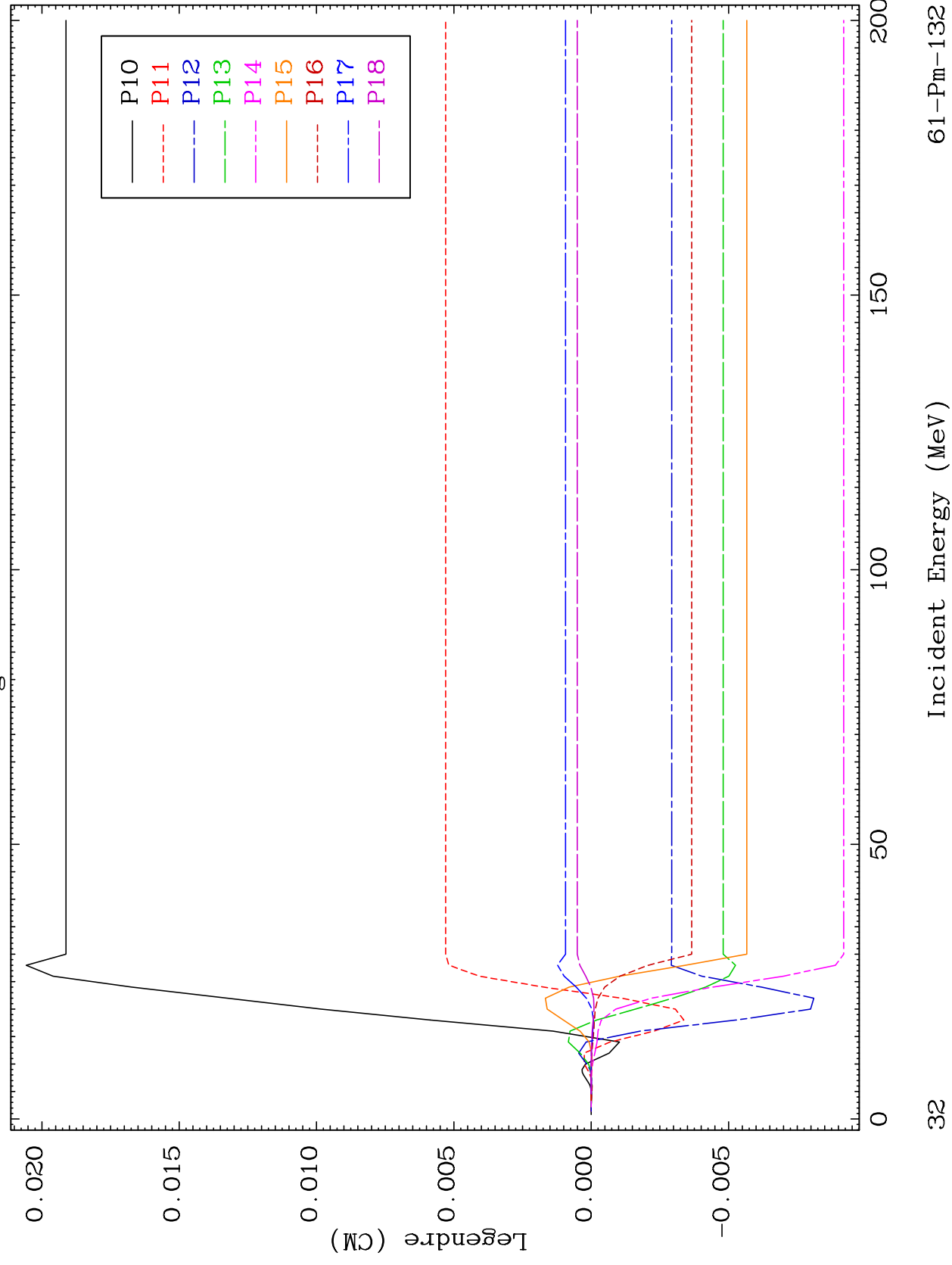
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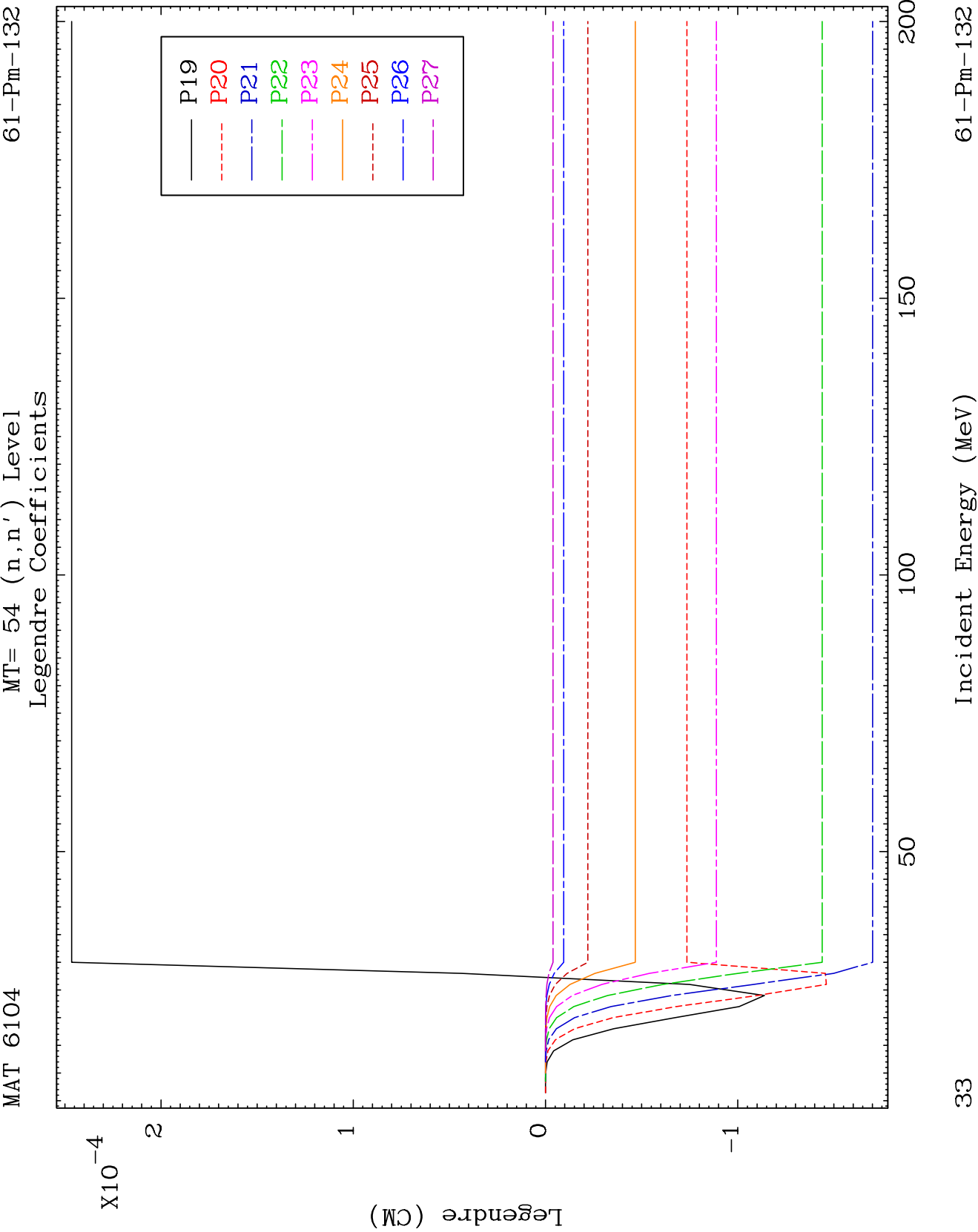


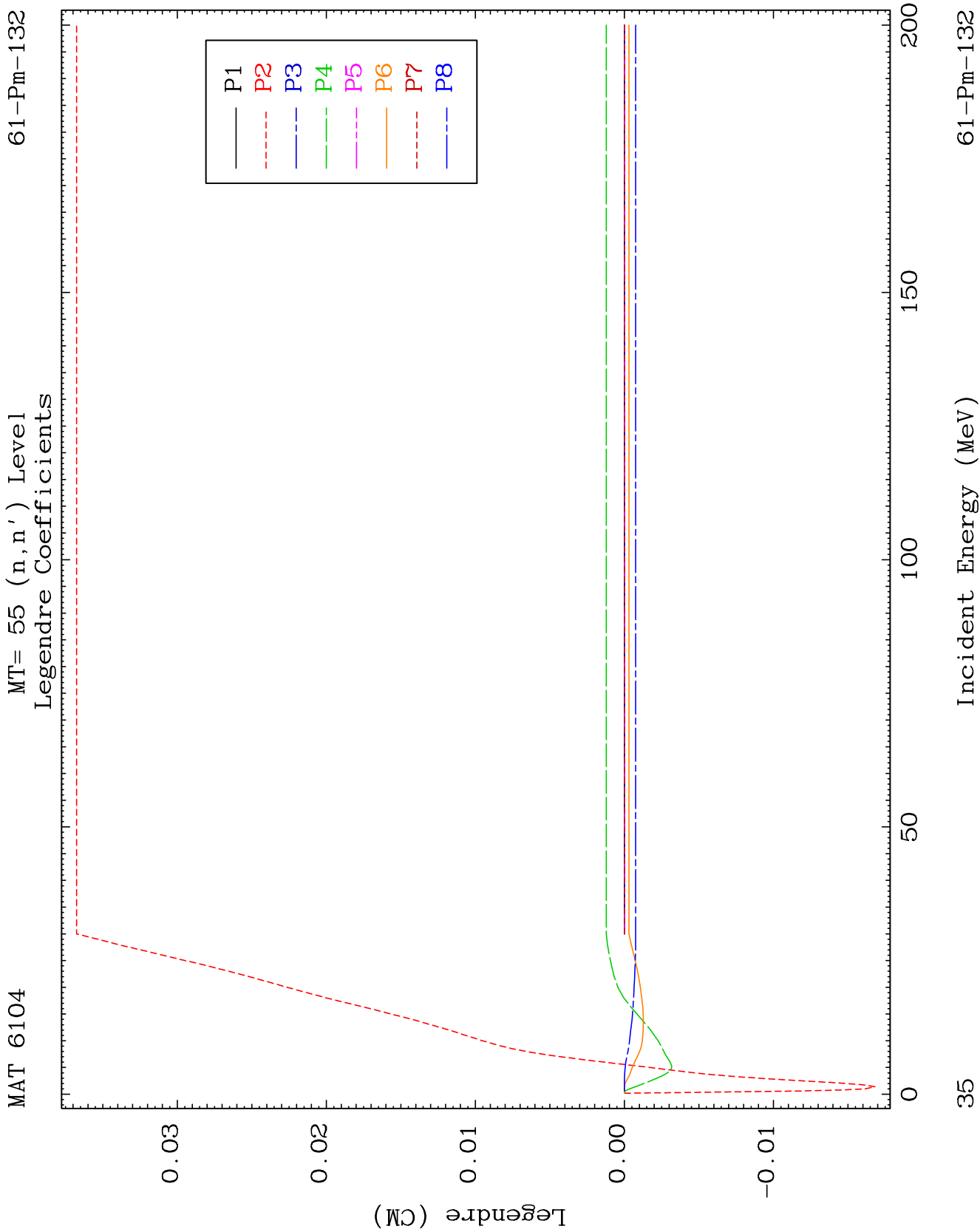
MAT 6104

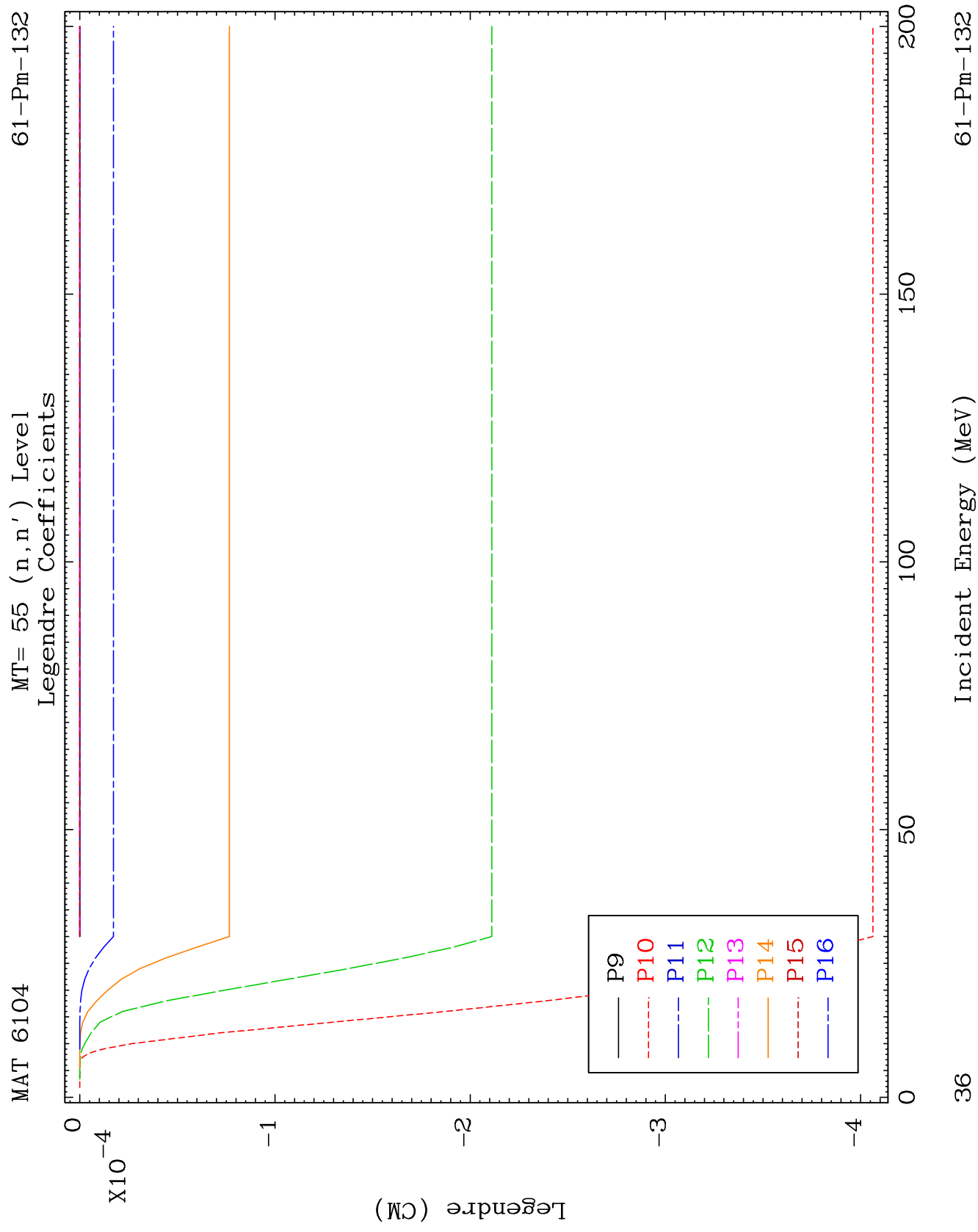
MT= 54 (n, n') Level
Legendre Coefficients

61-Pm-132





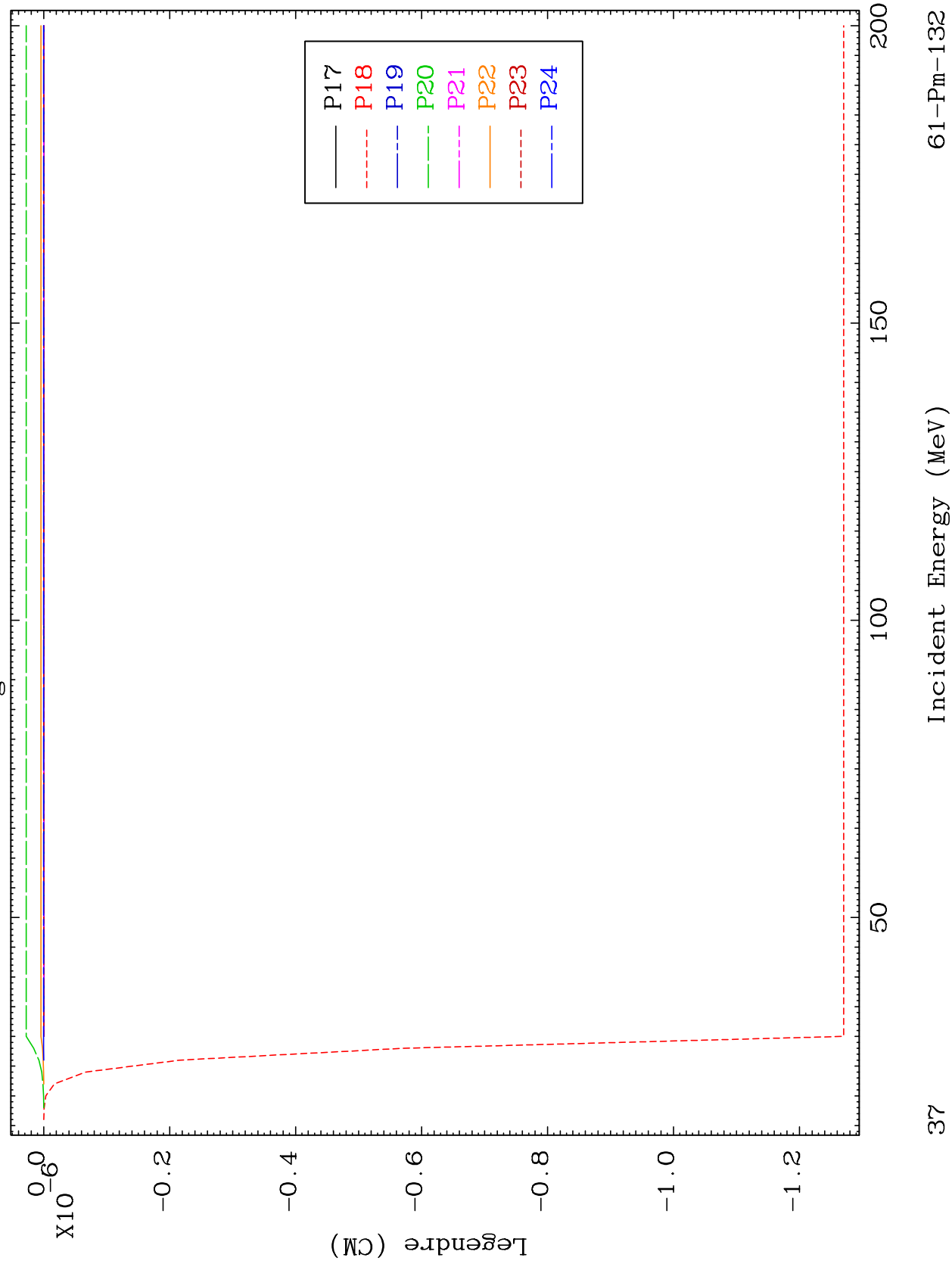


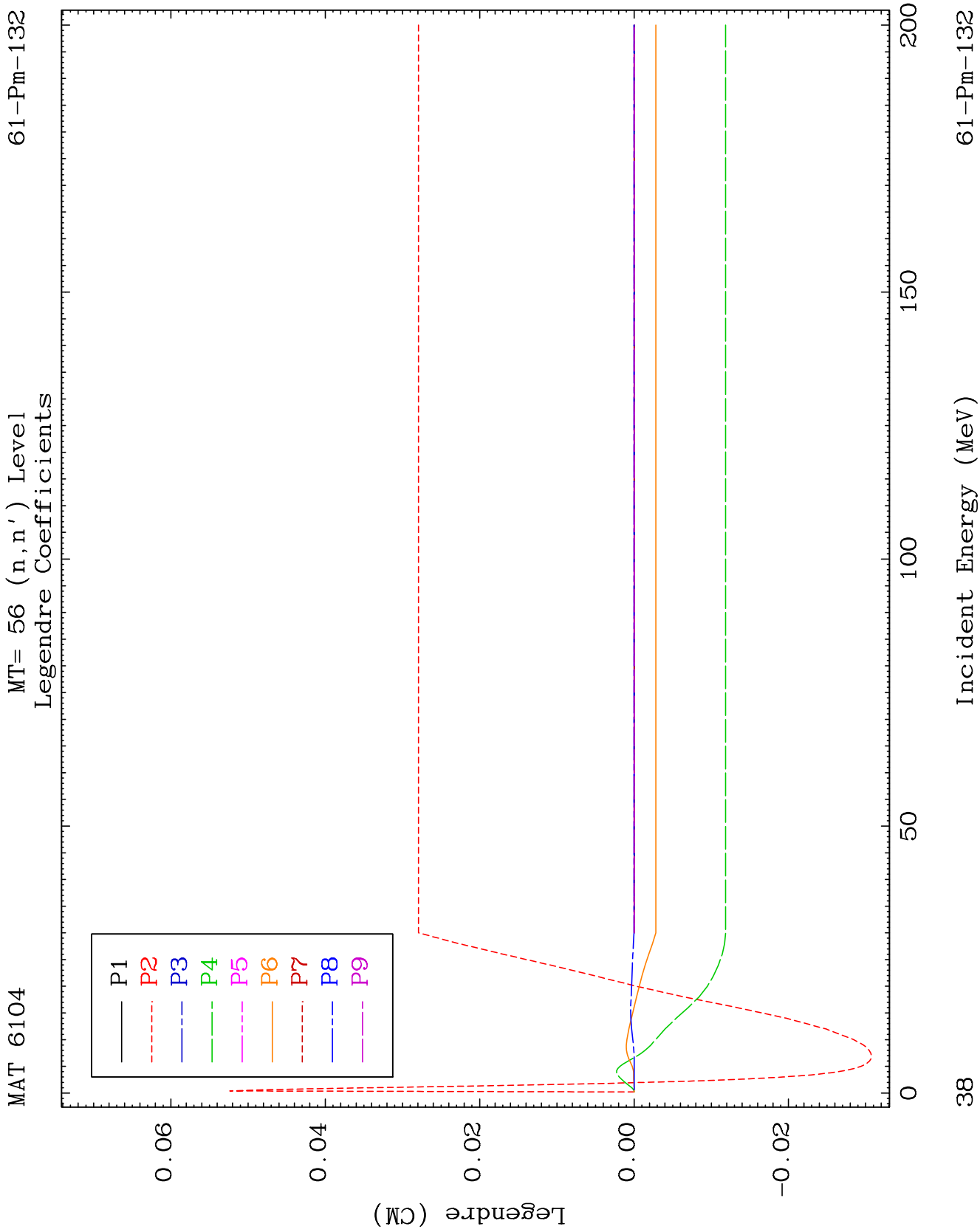


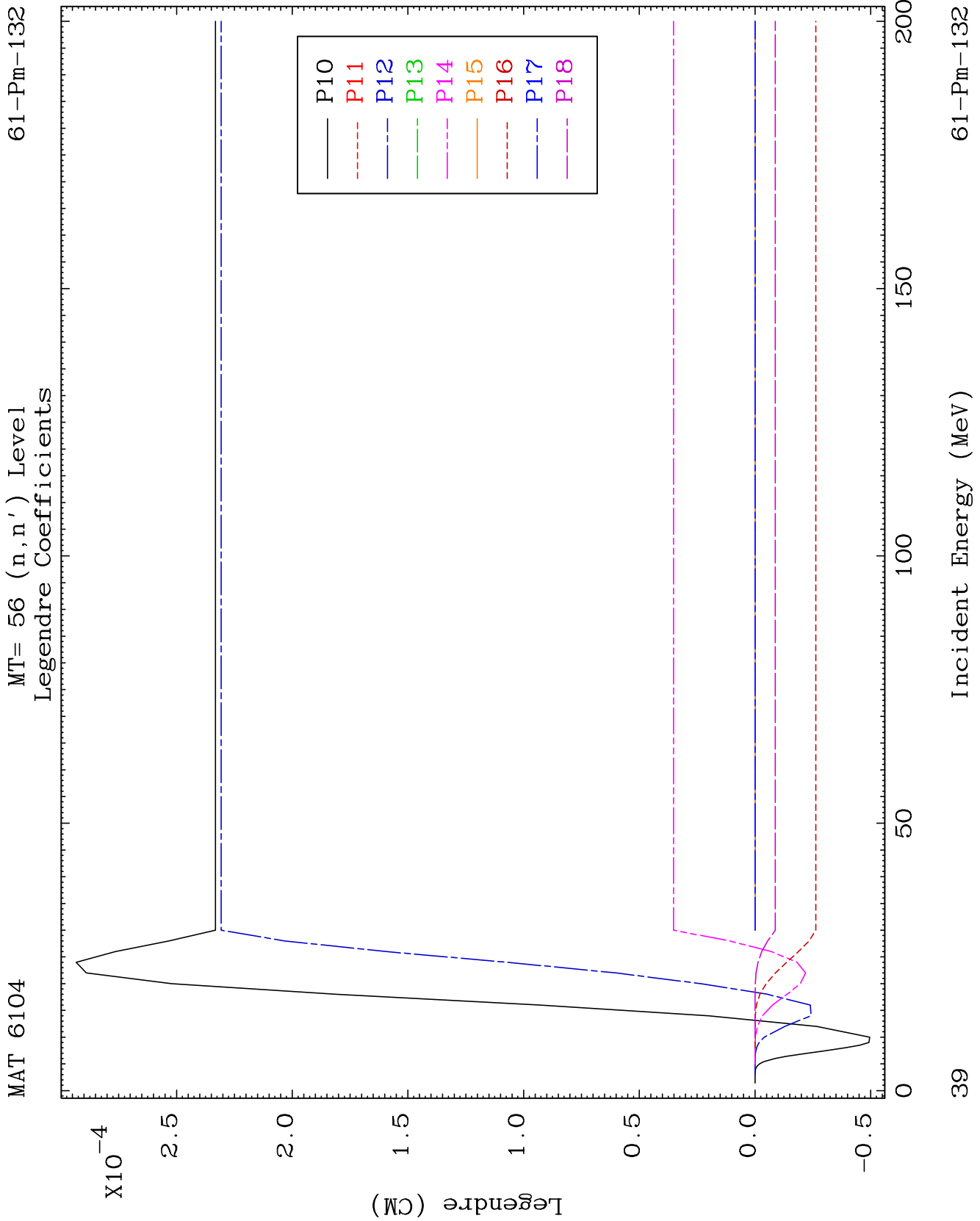
MAT 6104

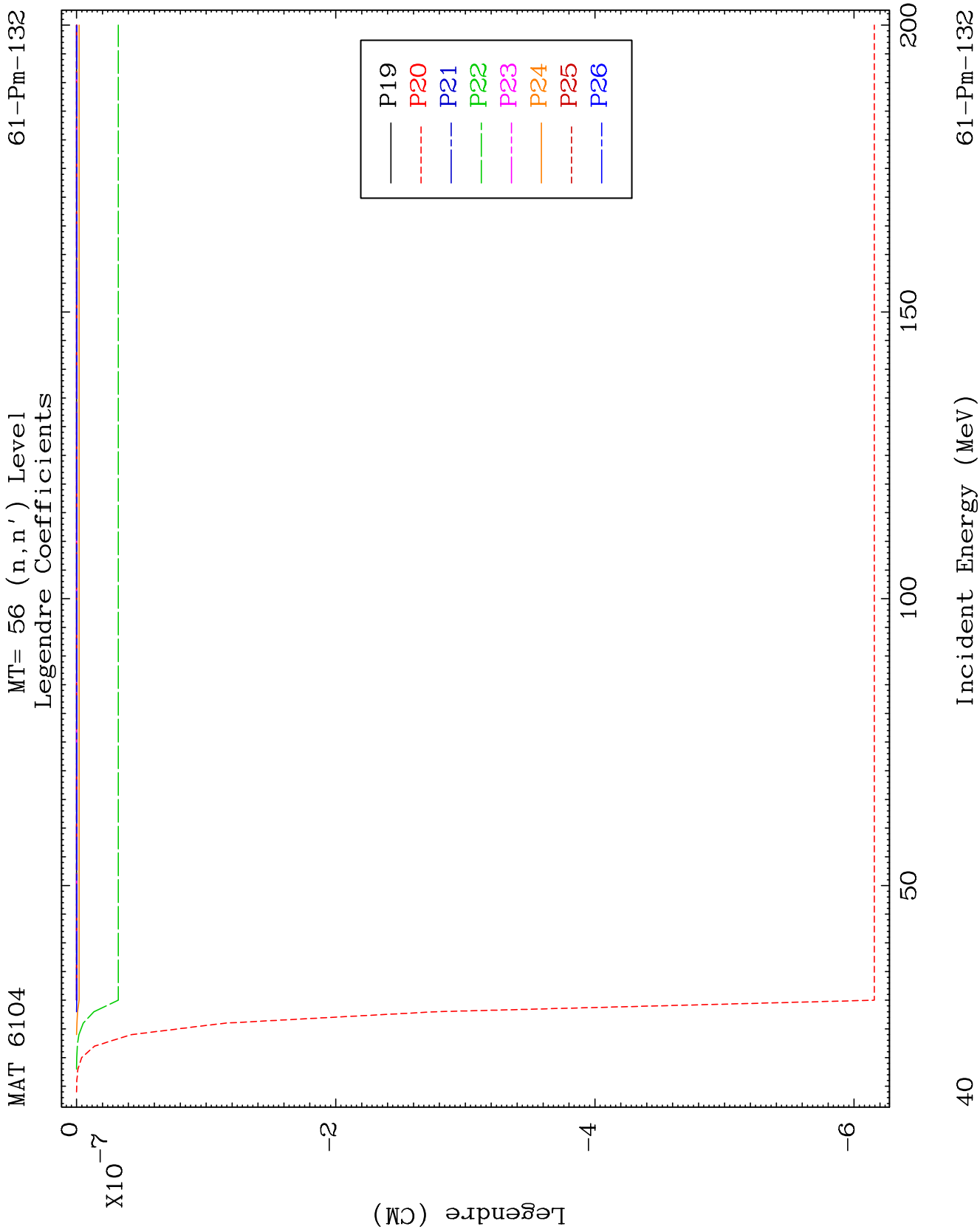
MT= 55 (n, n') Level
Legendre Coefficients

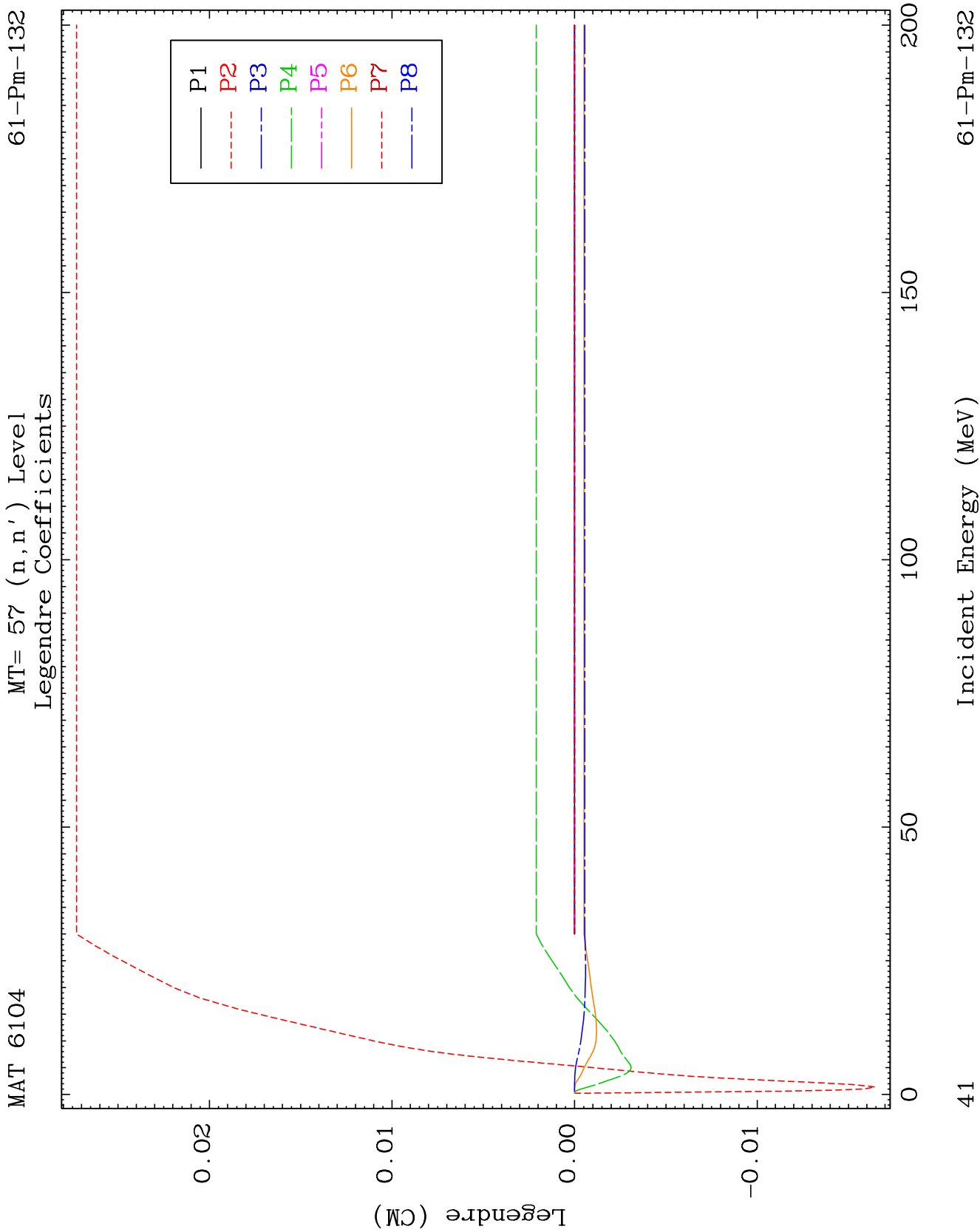
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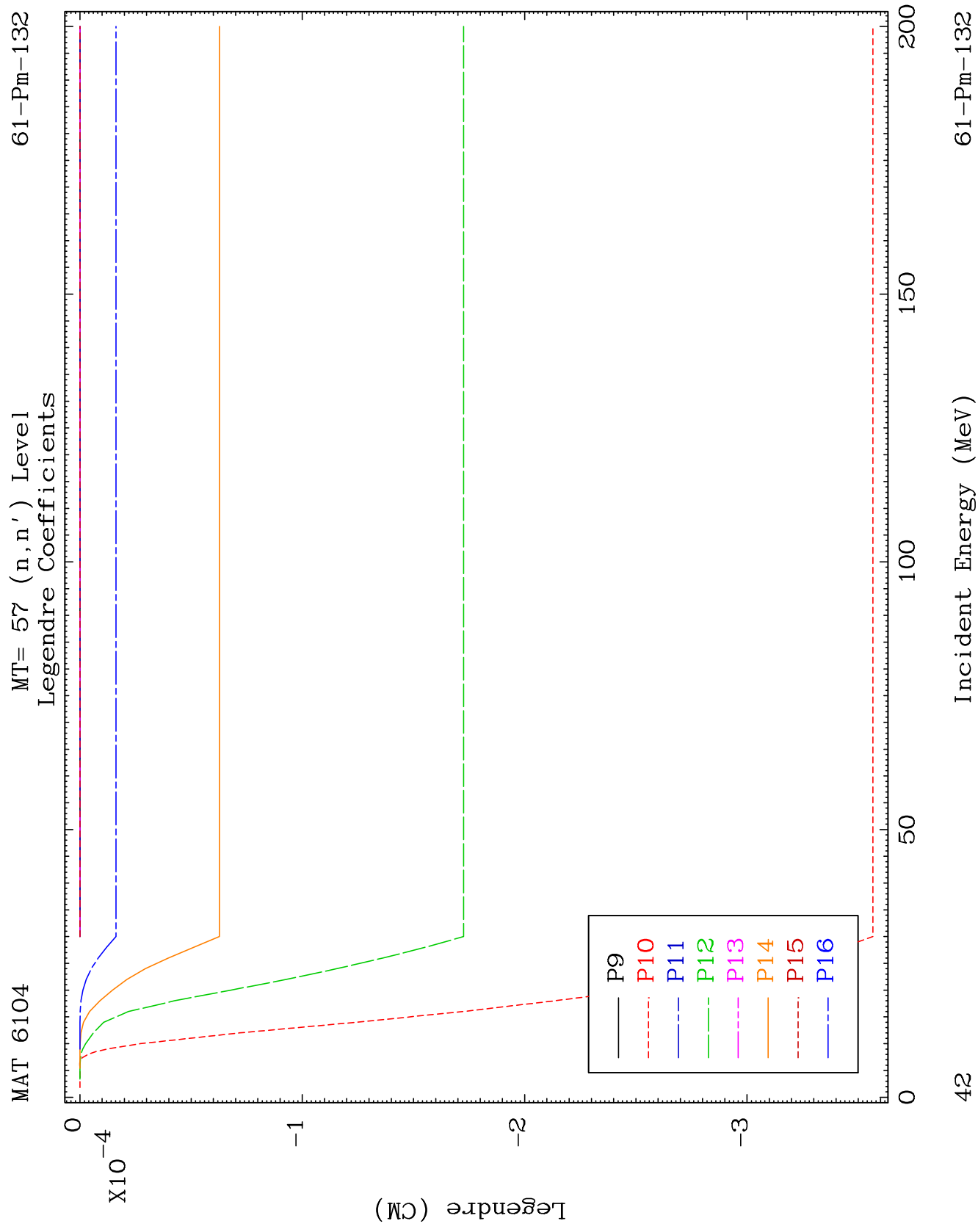


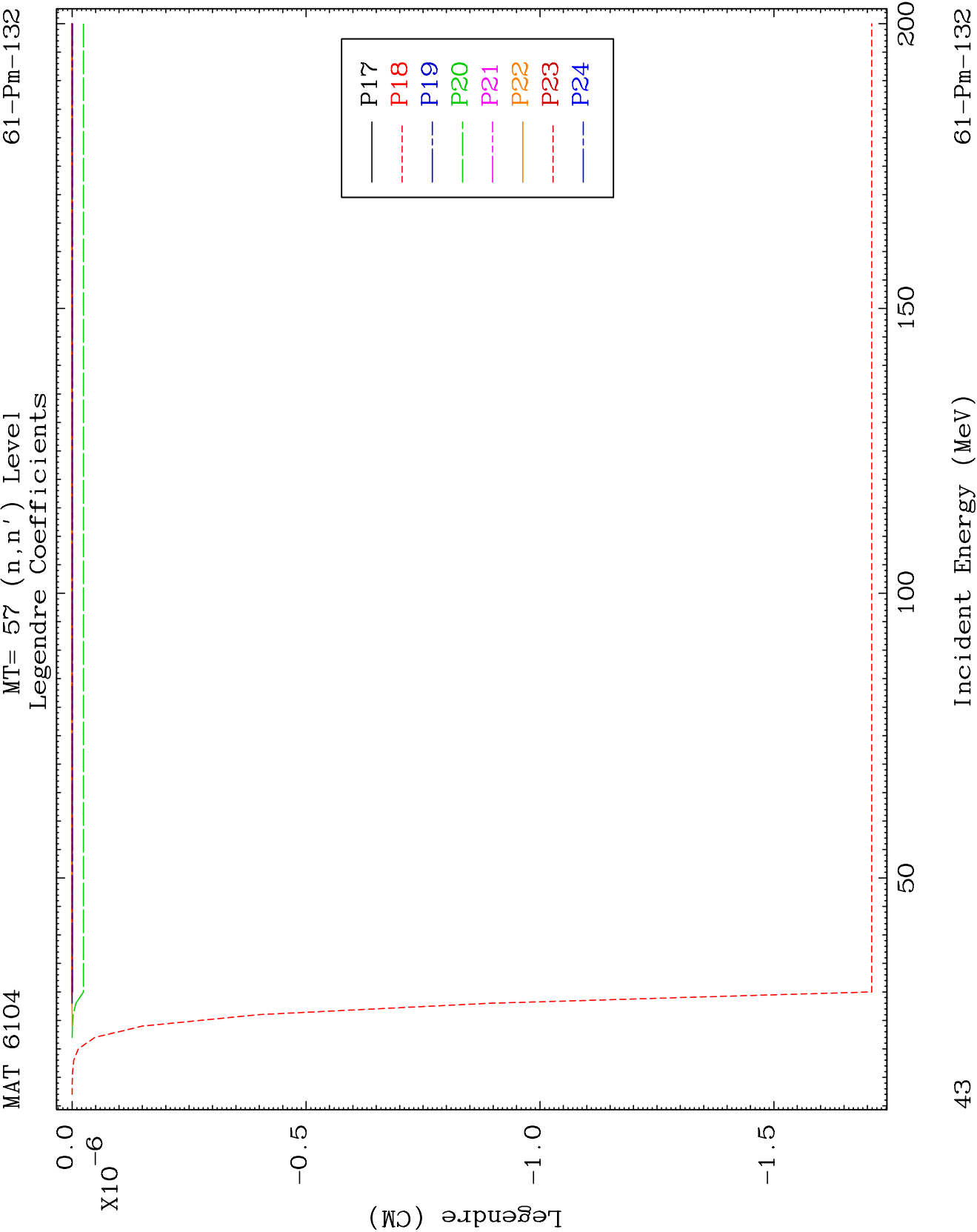








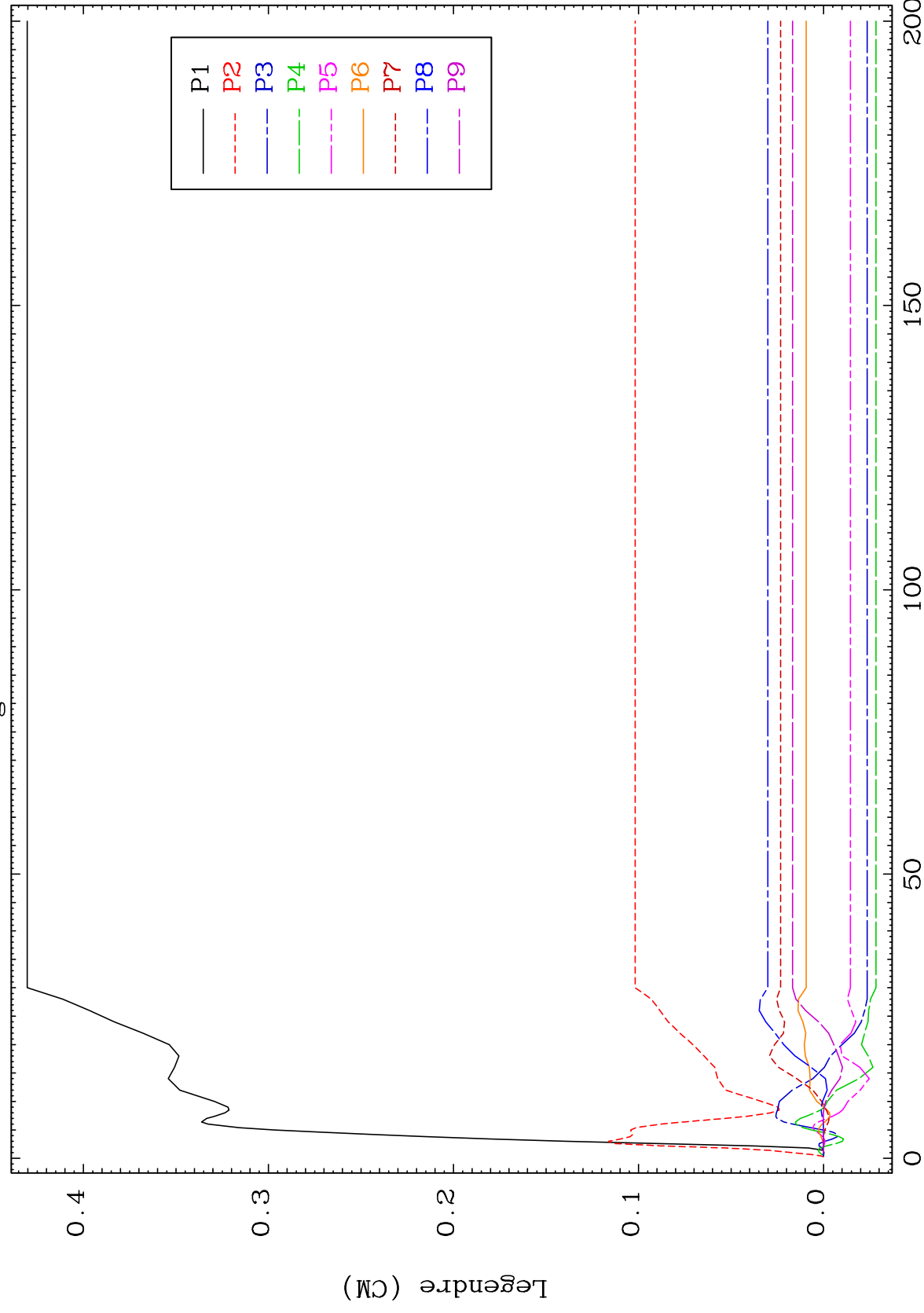




MAT 6104

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

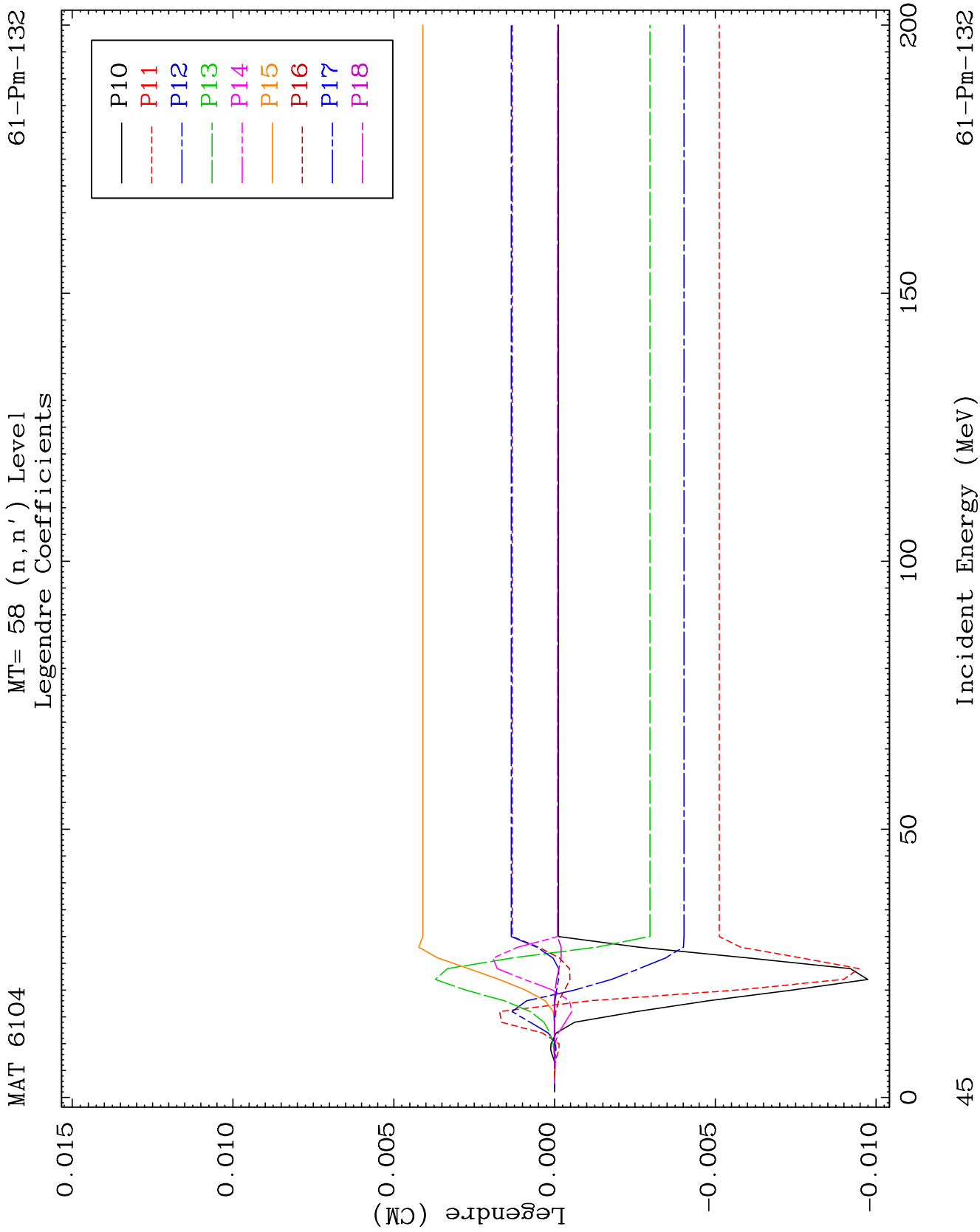
61-Pm-132



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Incident Energy (MeV)

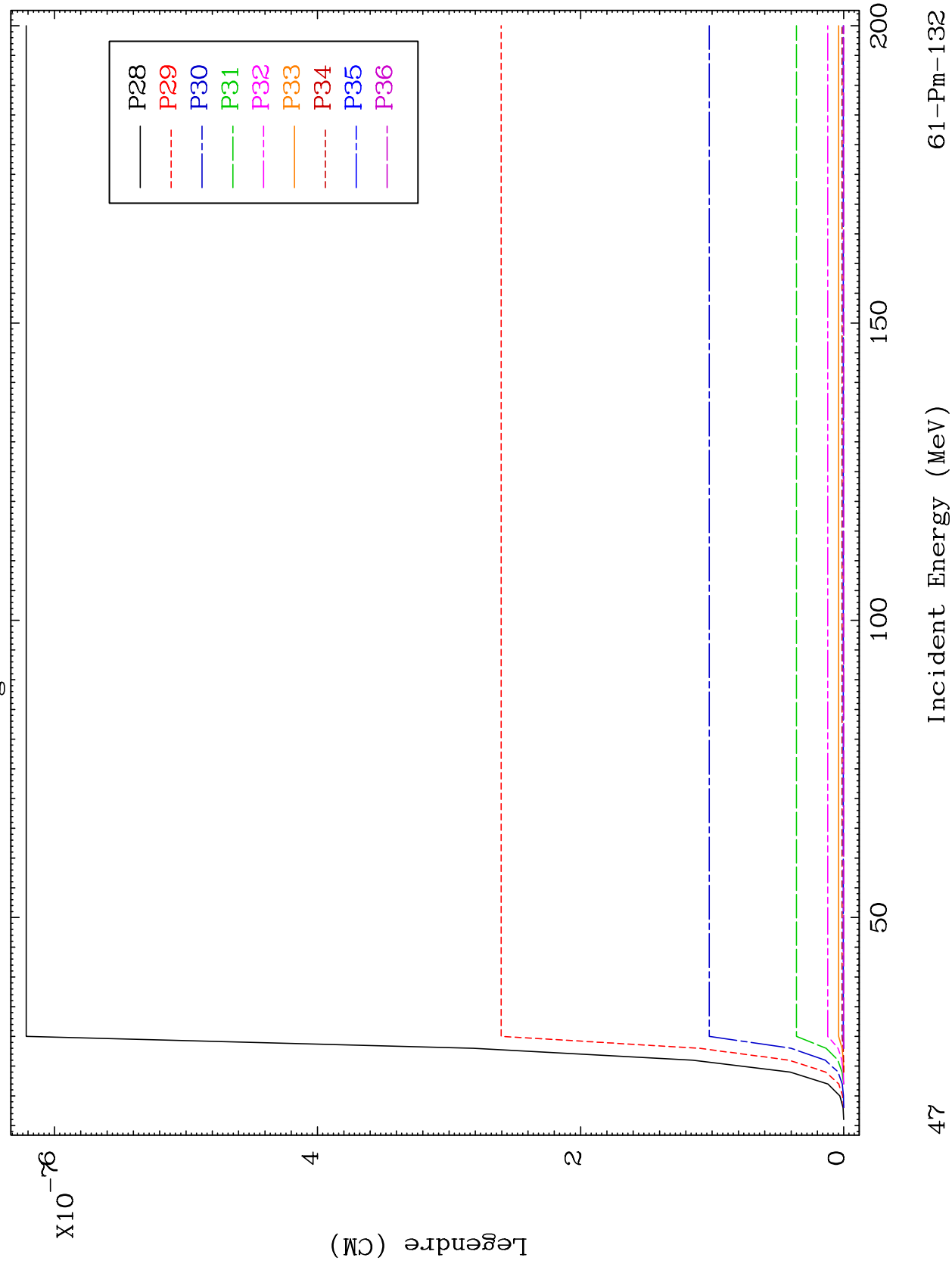
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MAT 6104

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

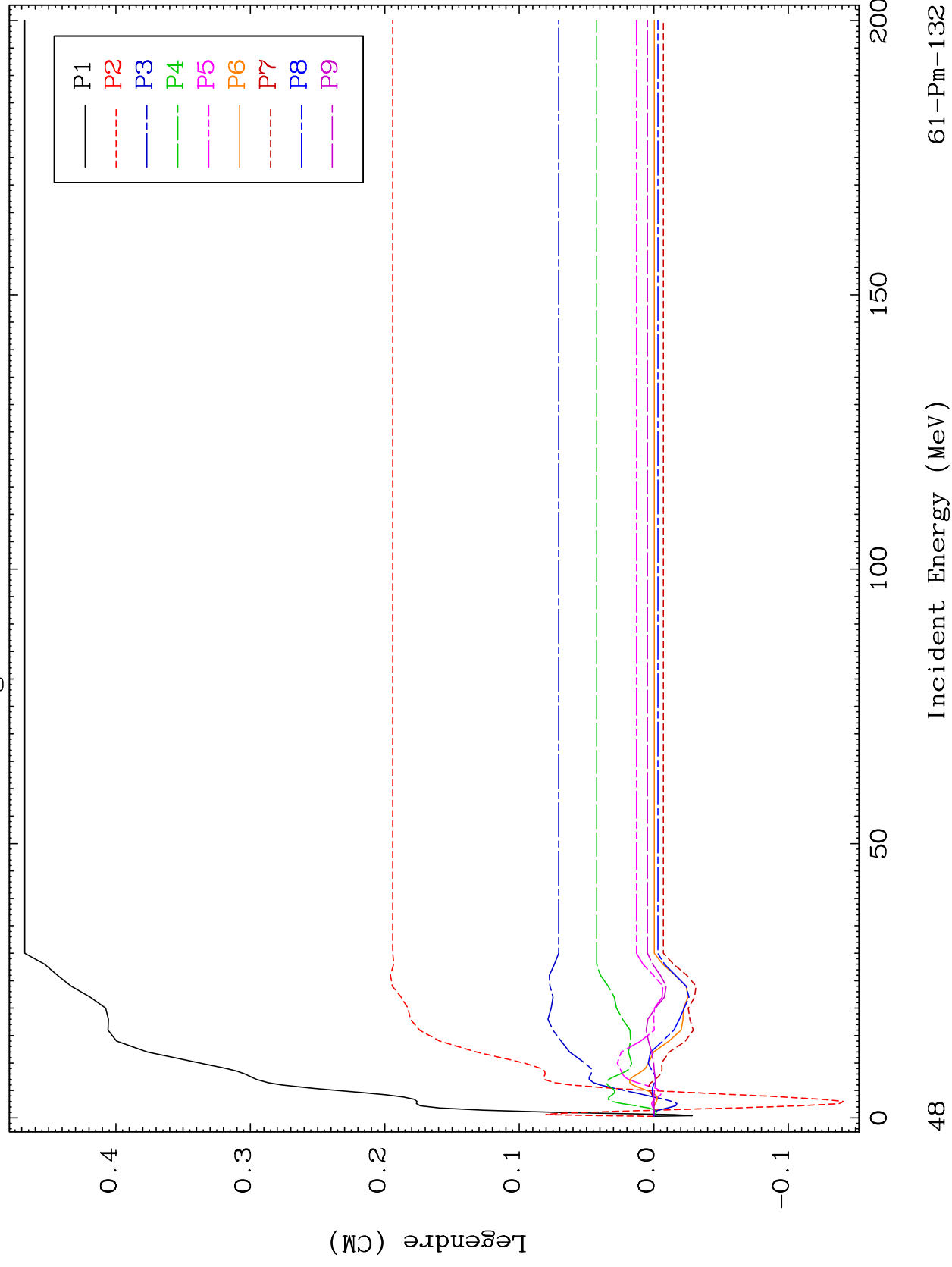
61-Pm-132



MAT 6104

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

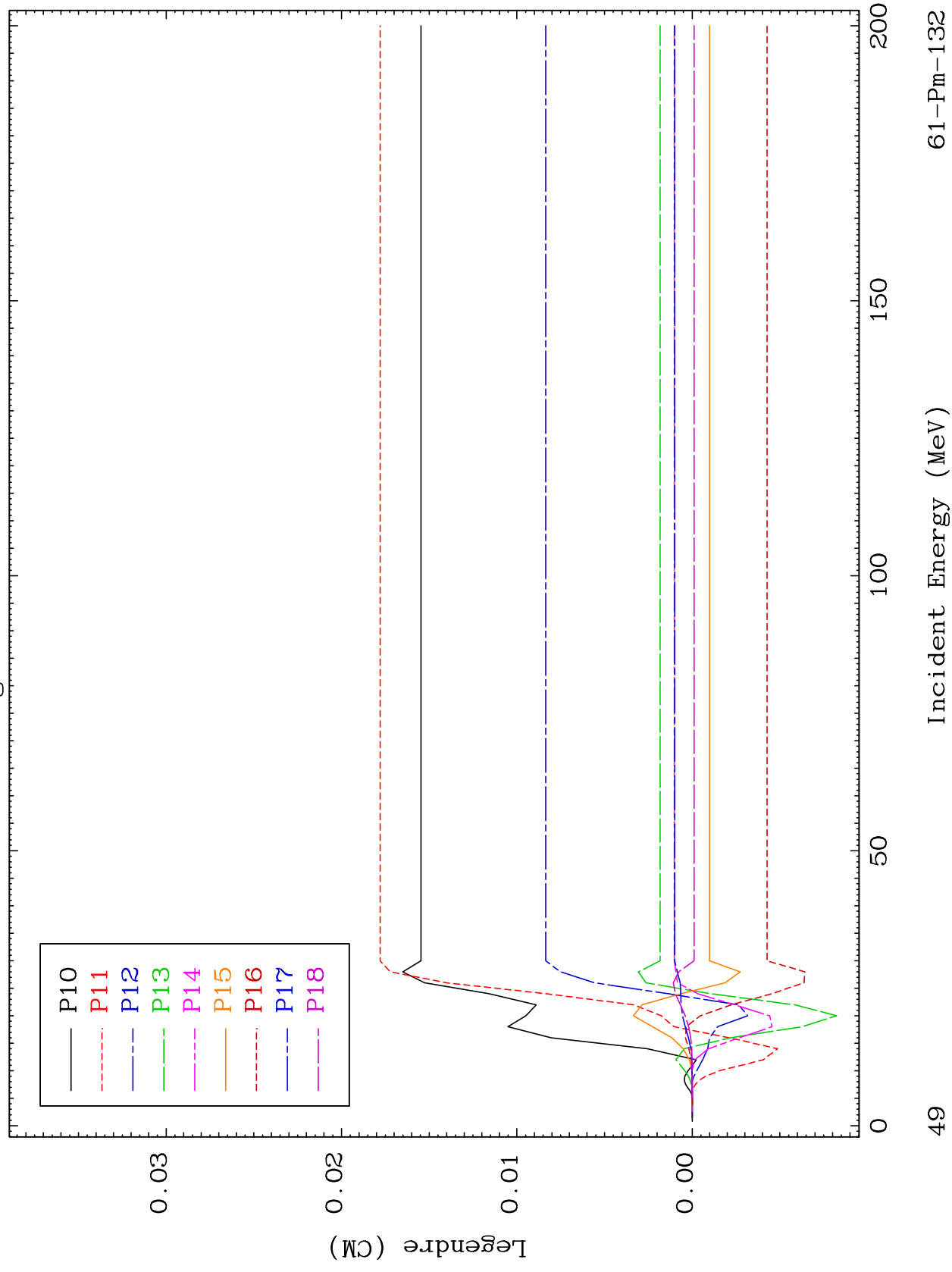
61-Pm-132

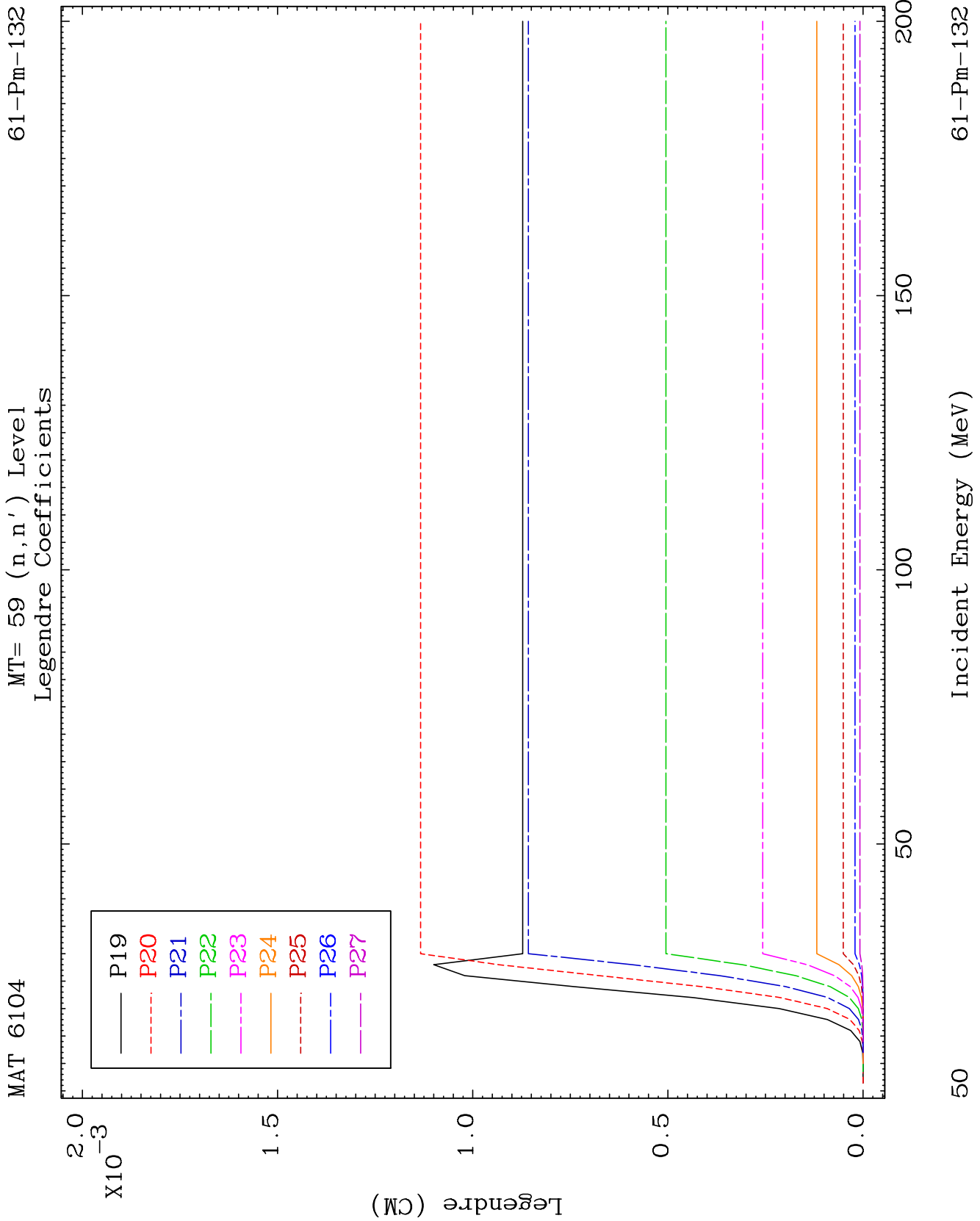


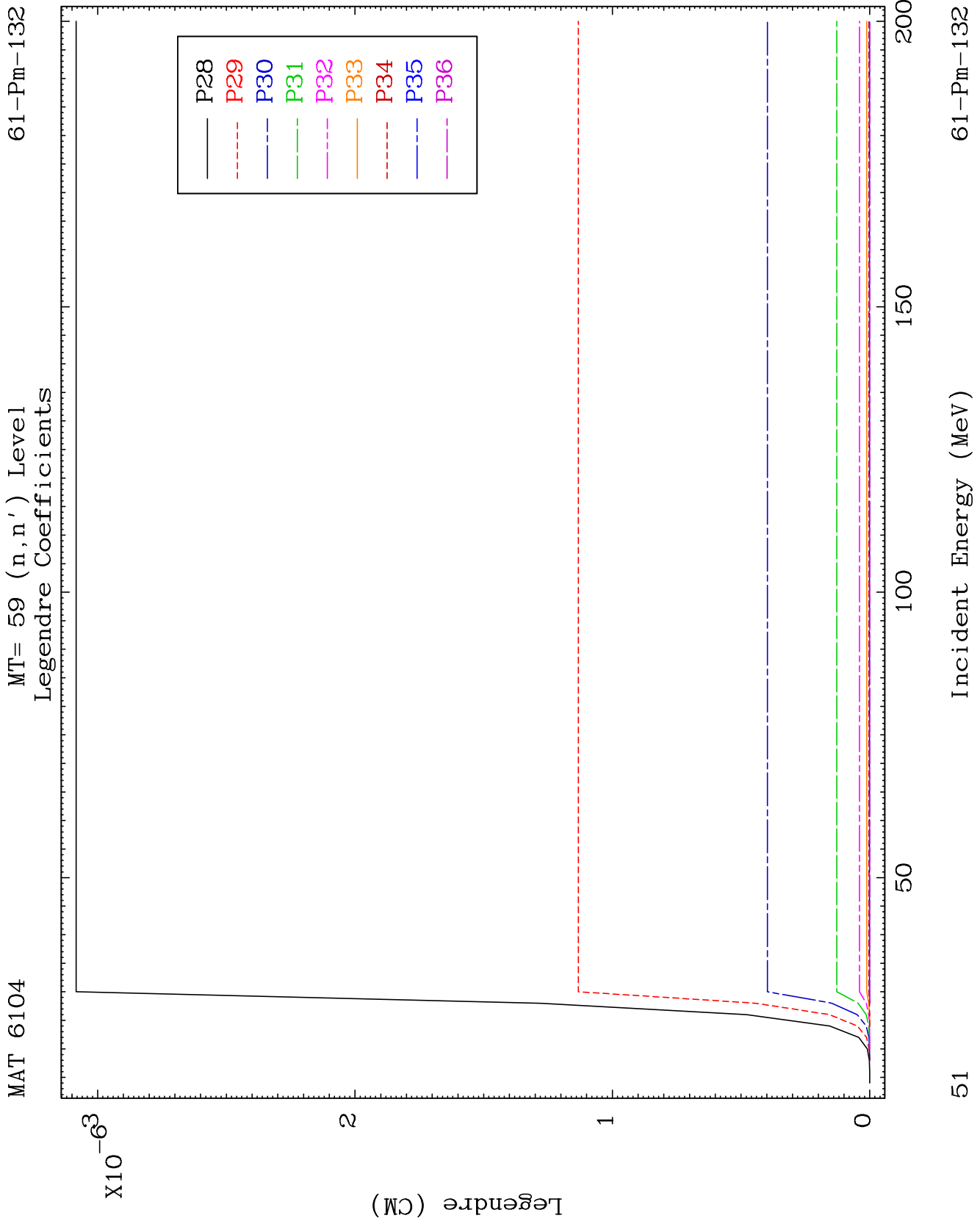
MAT 6104

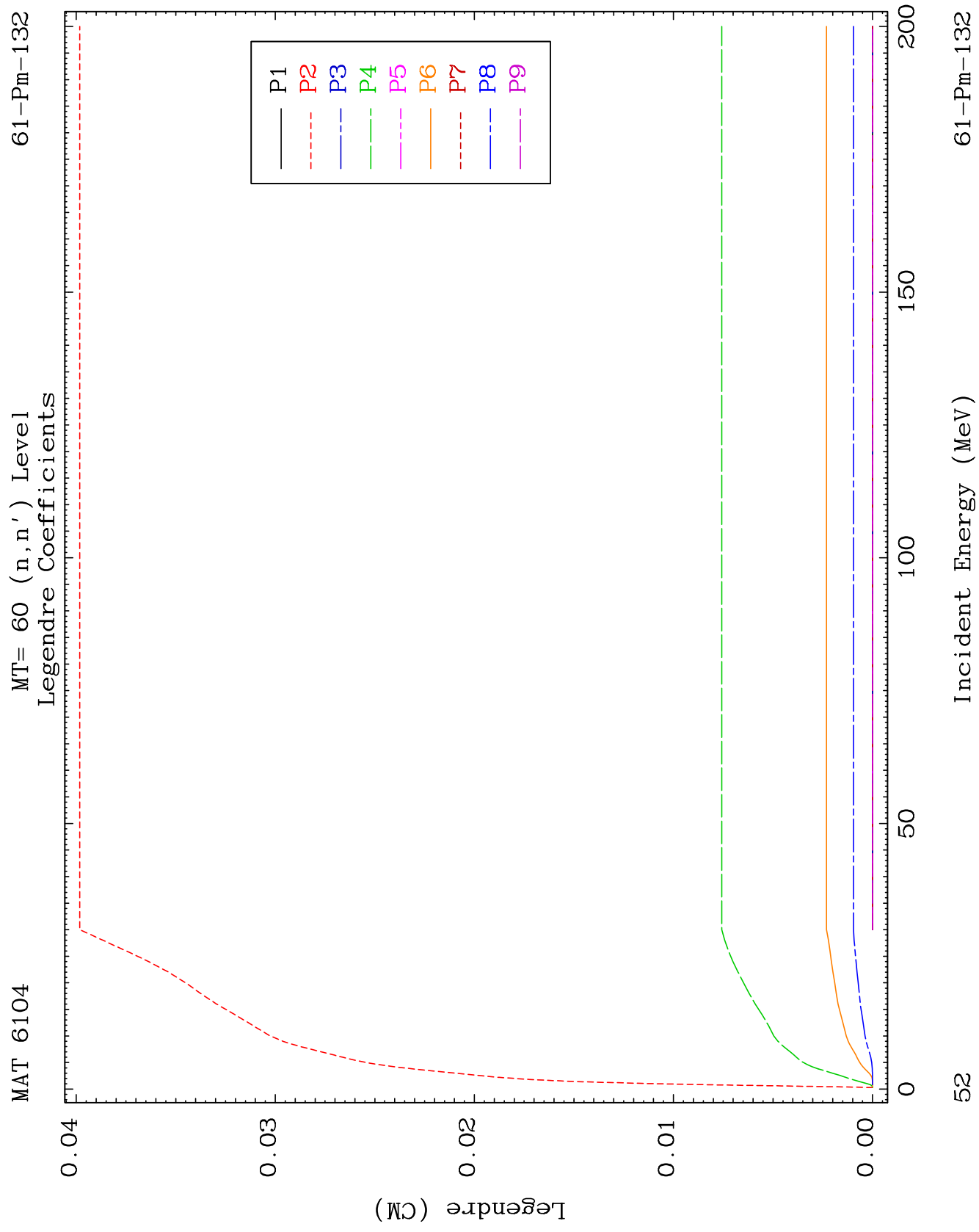
MT= 59 (n, n') Level
Legendre Coefficients

61-Pm-132





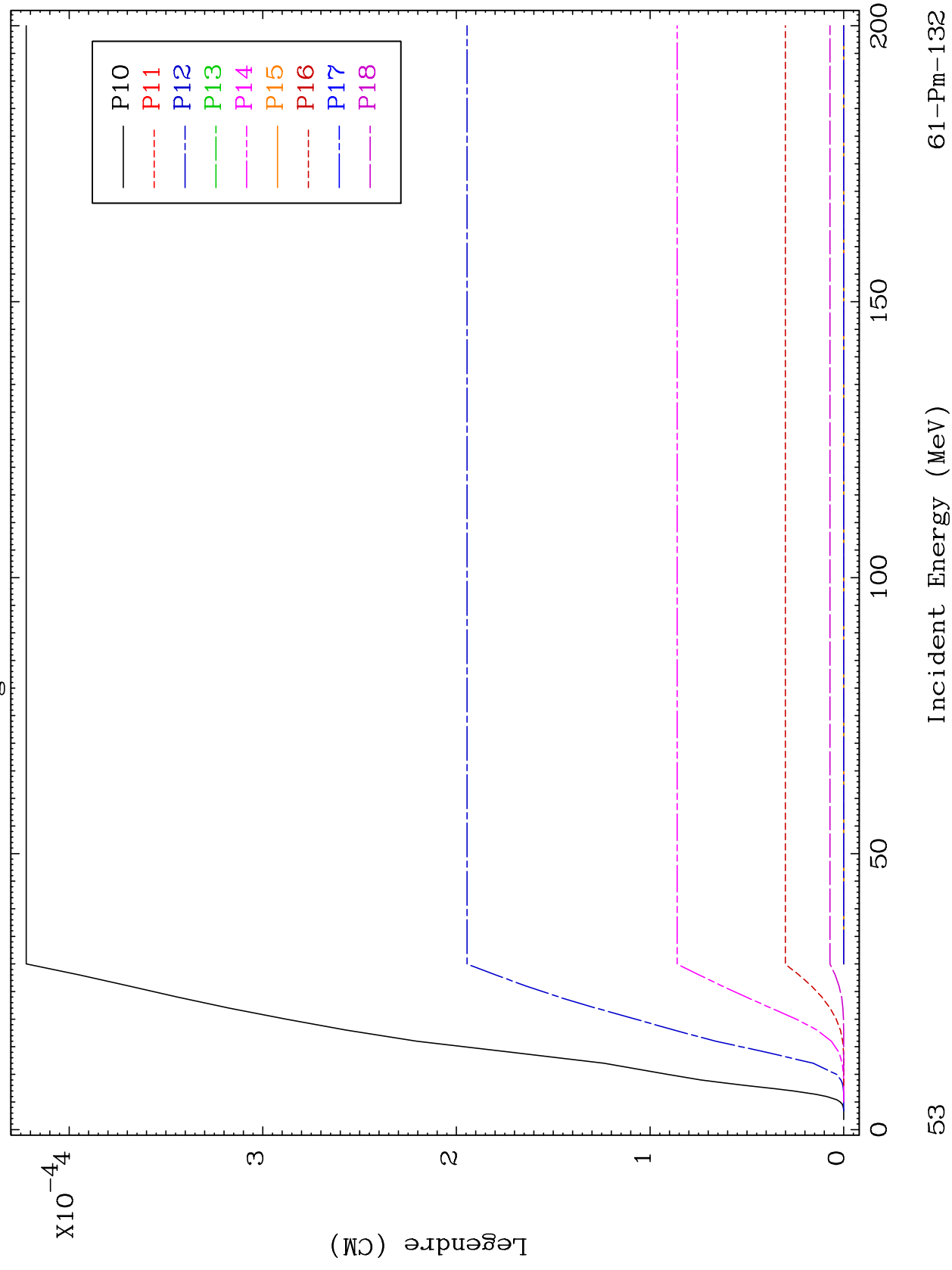




MAT 6104

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

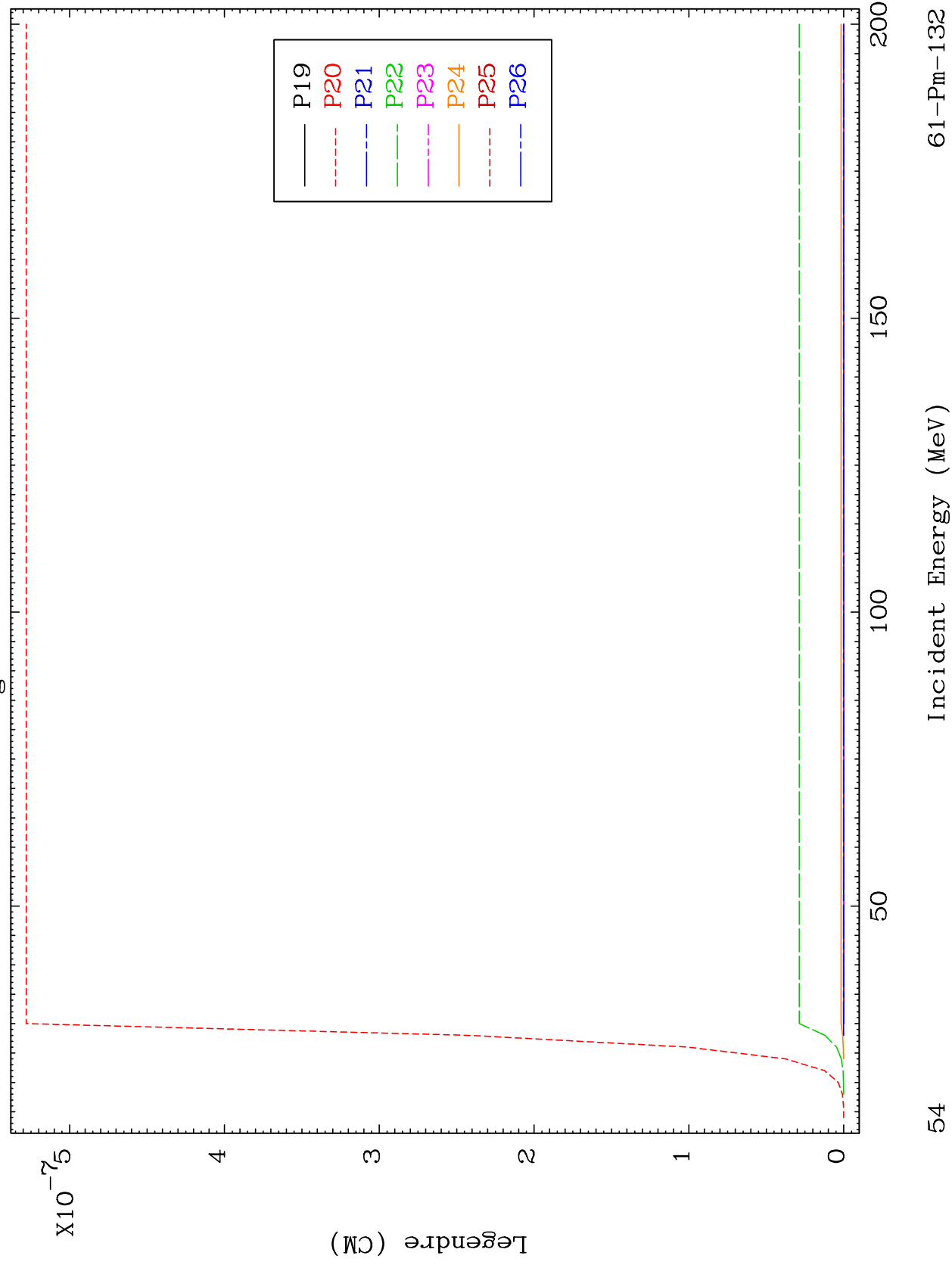
61-Pm-132

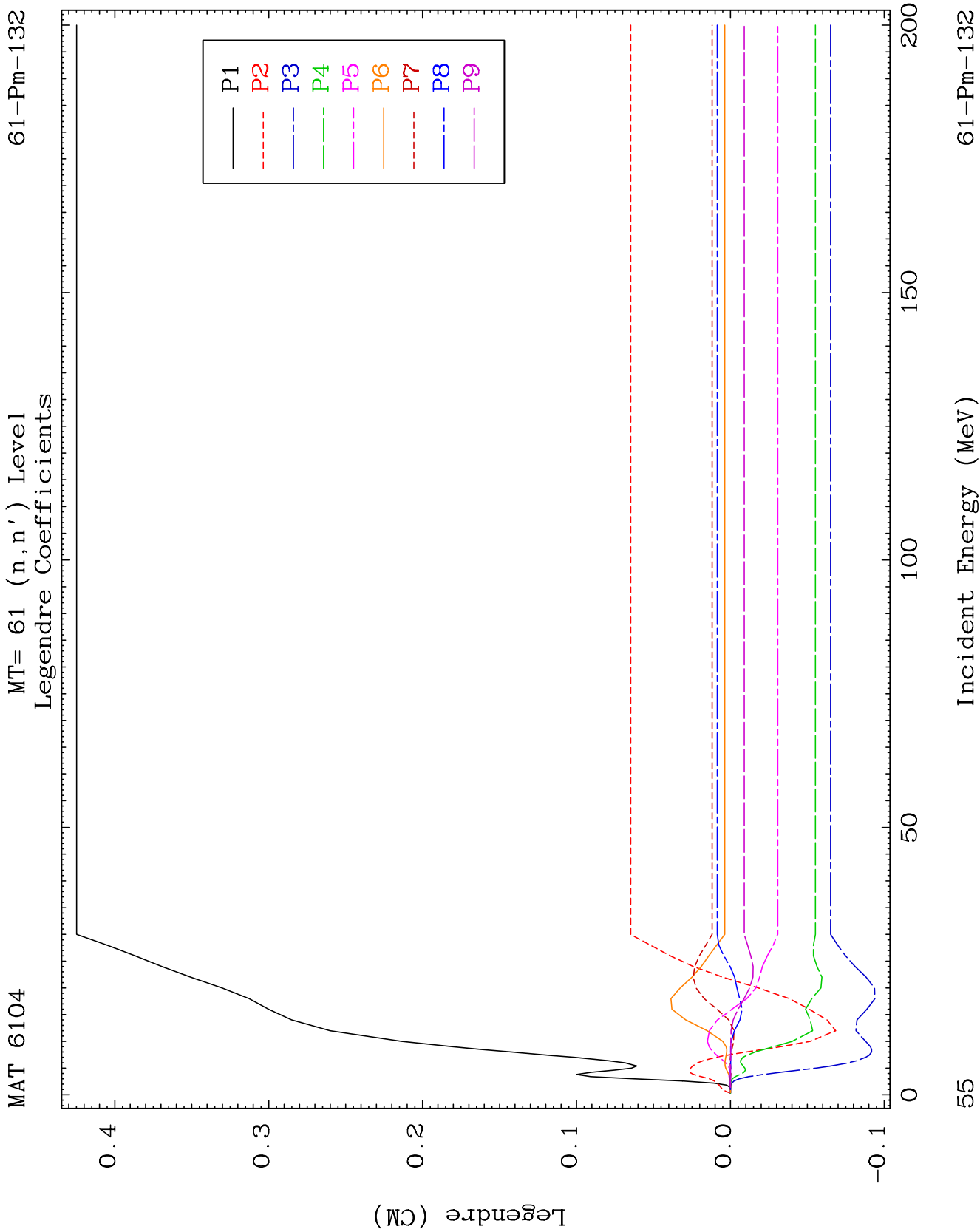


MAT 6104

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

61-Pm-132

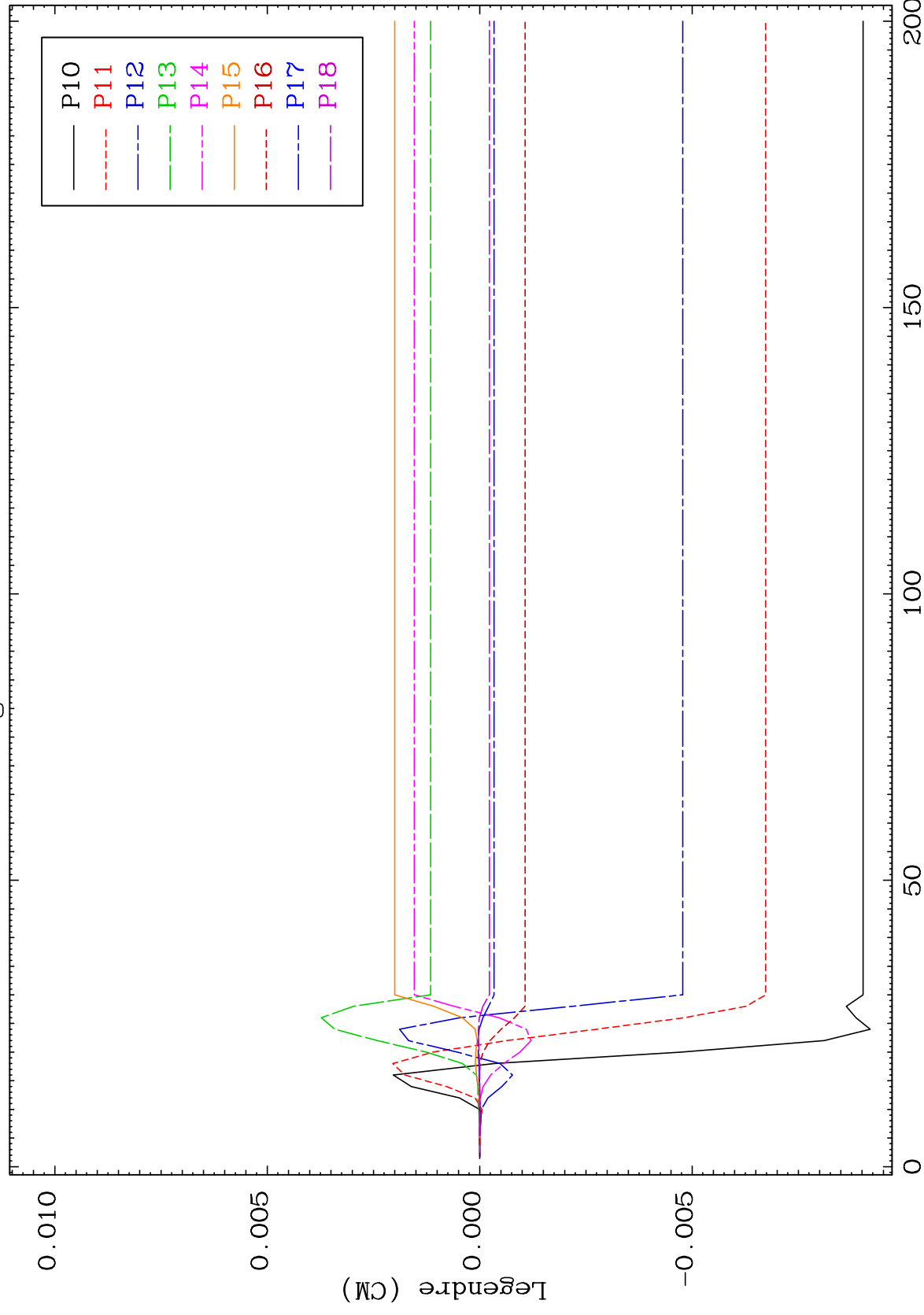




MAT 6104

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

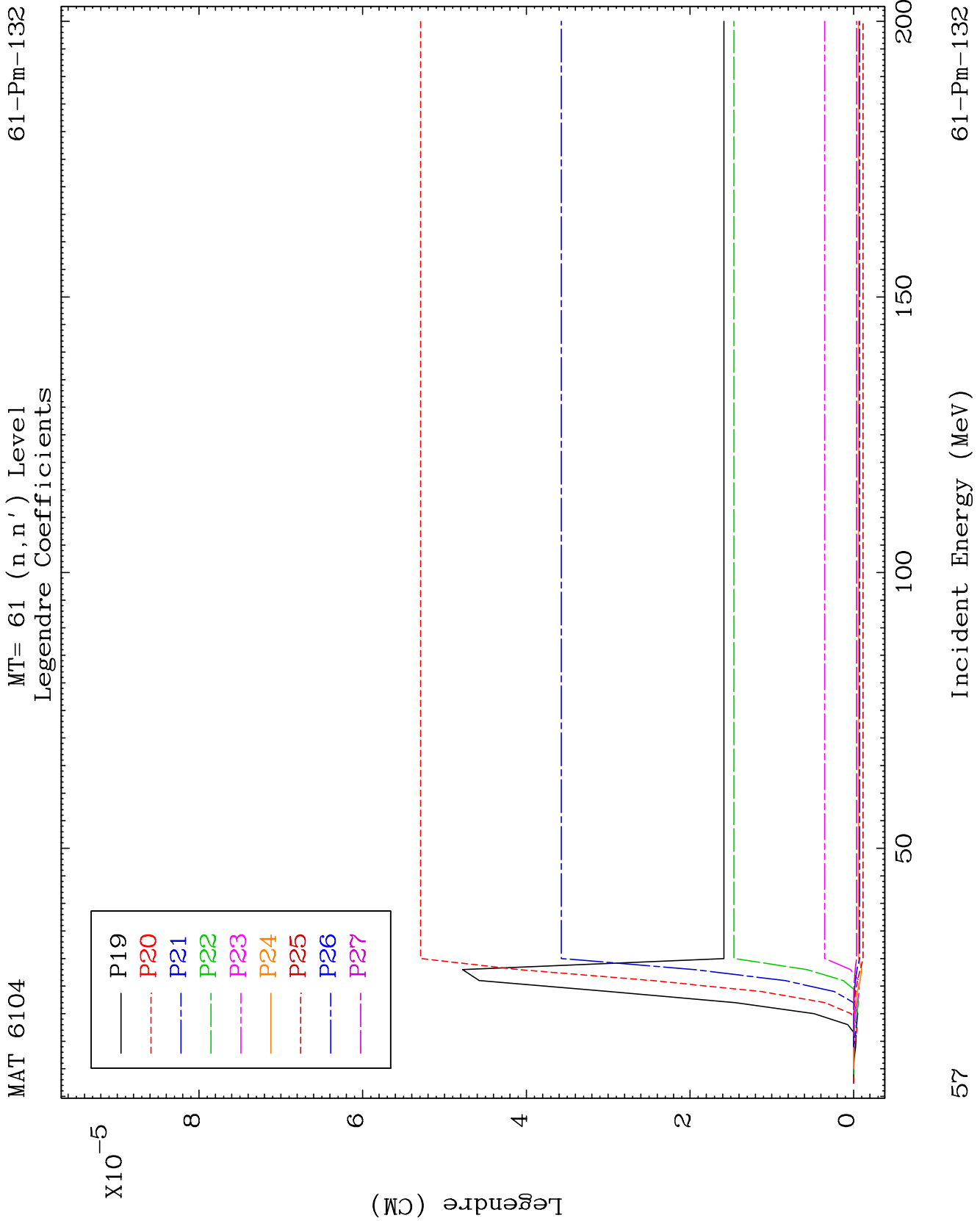
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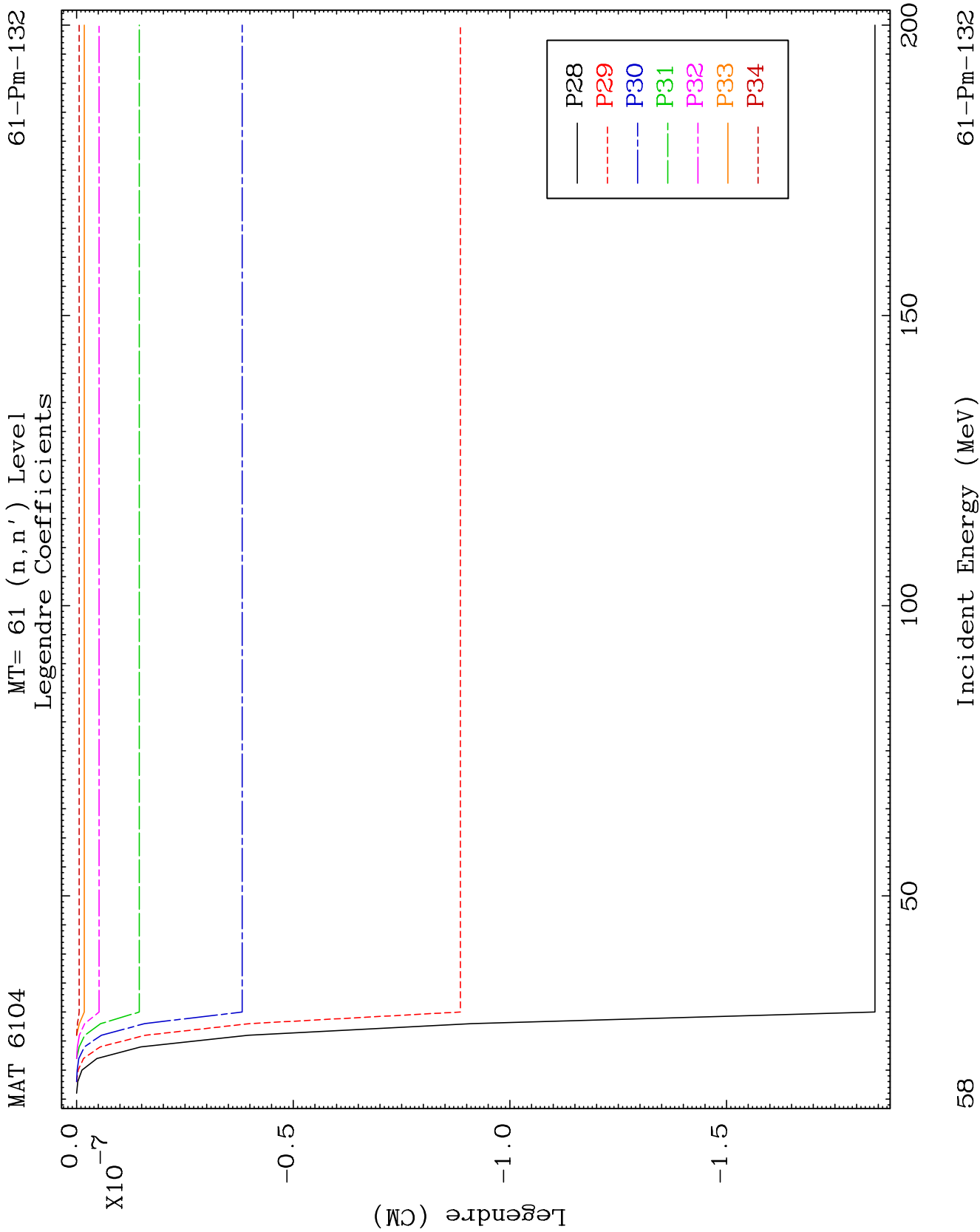


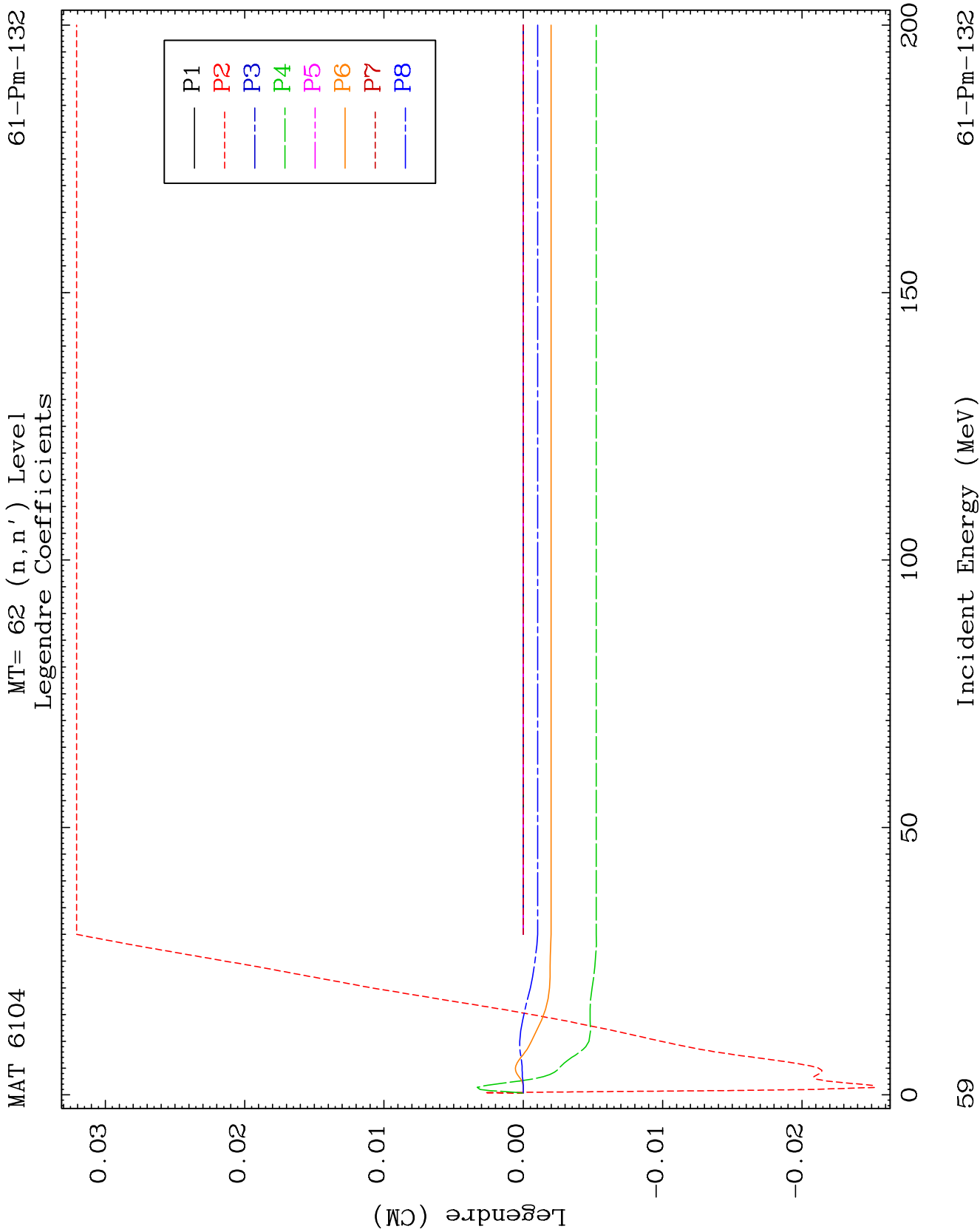
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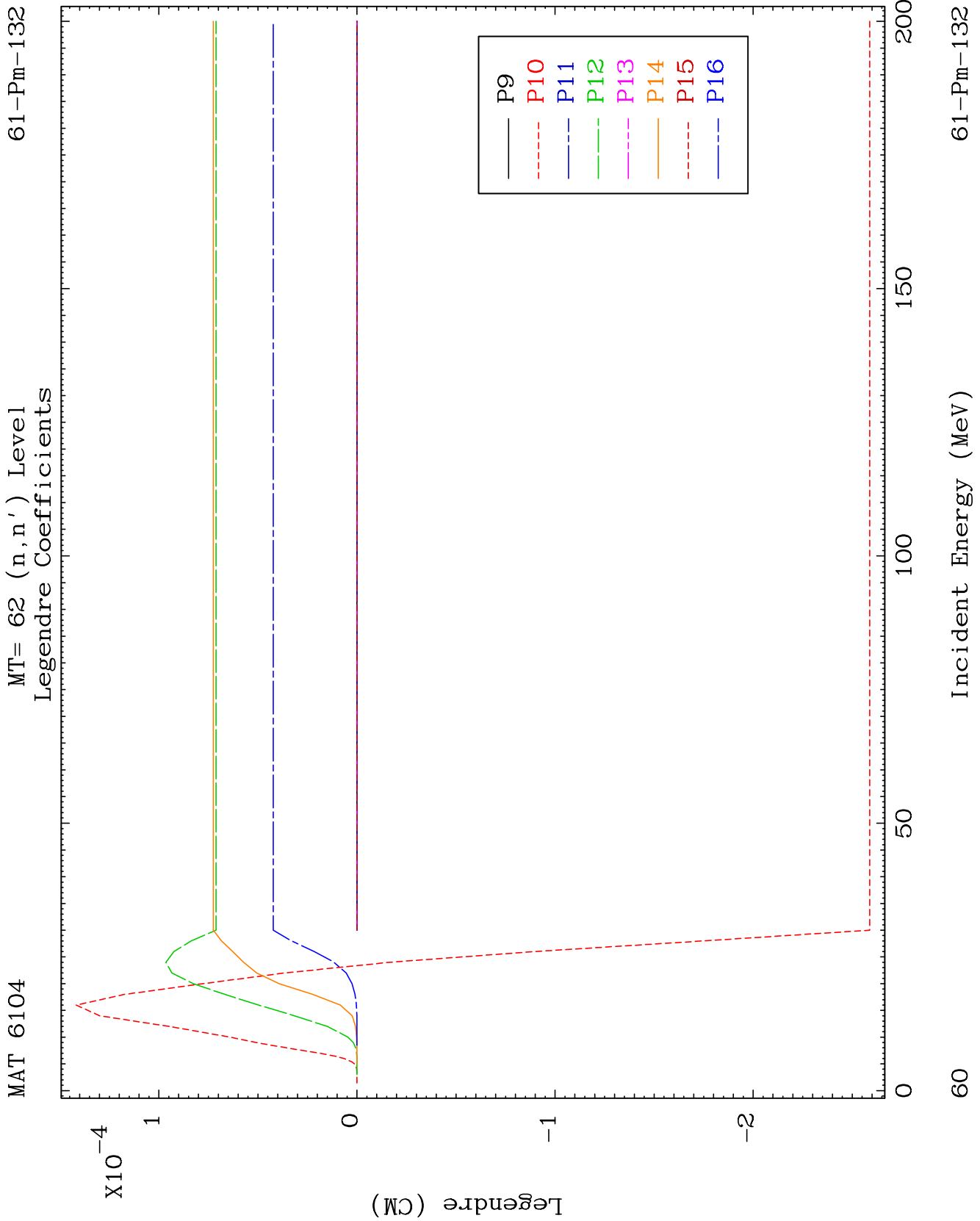
Incident Energy (MeV)

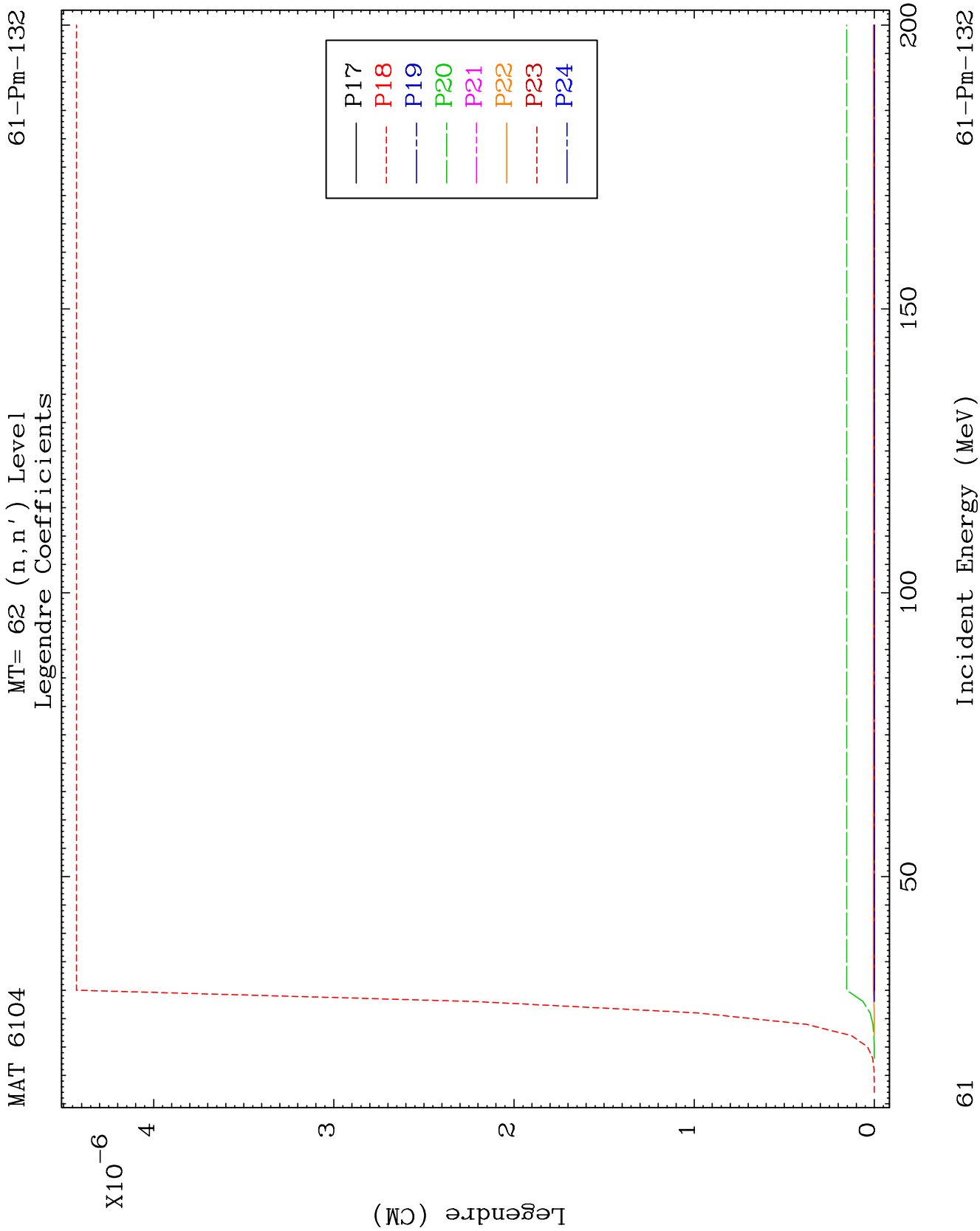
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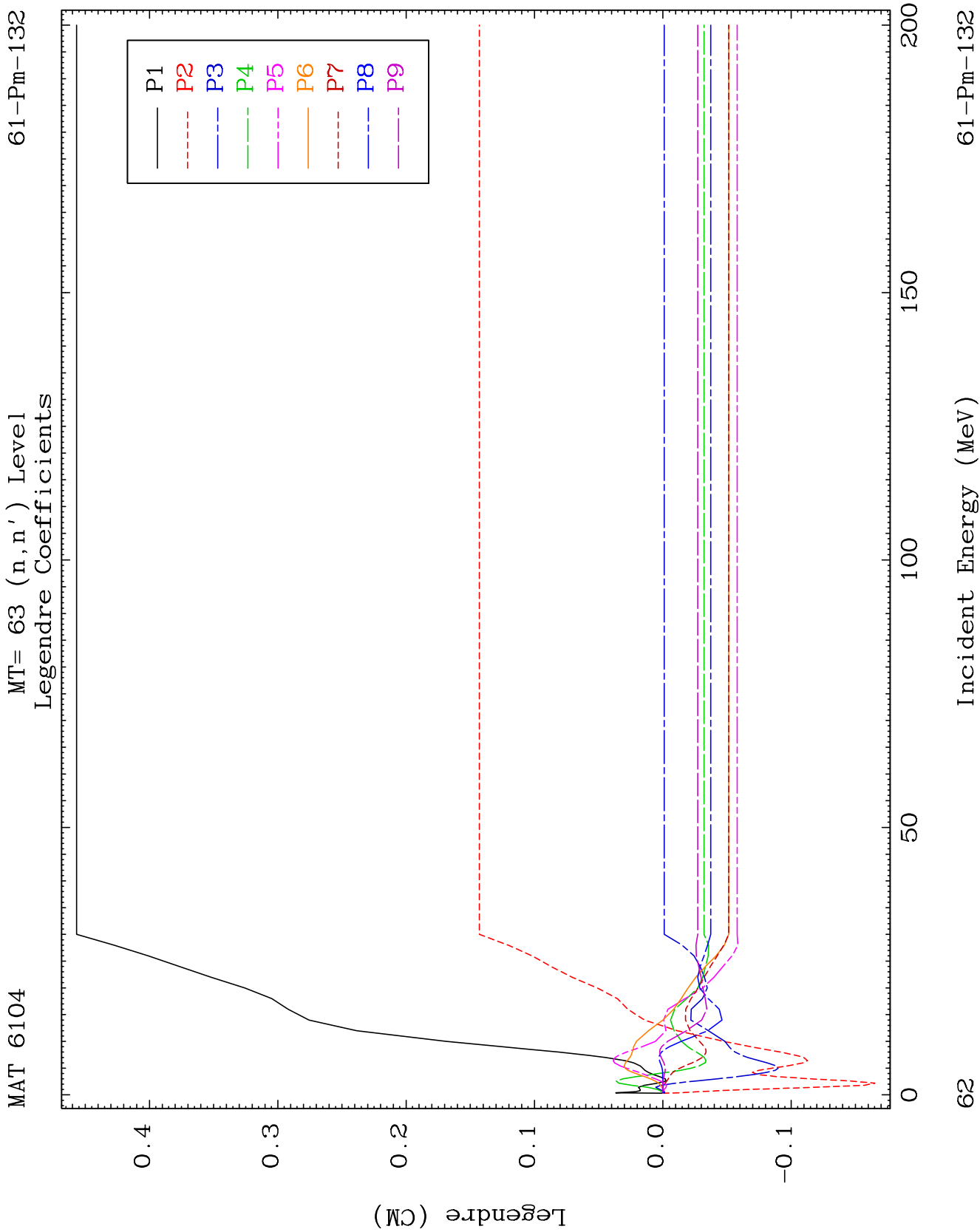


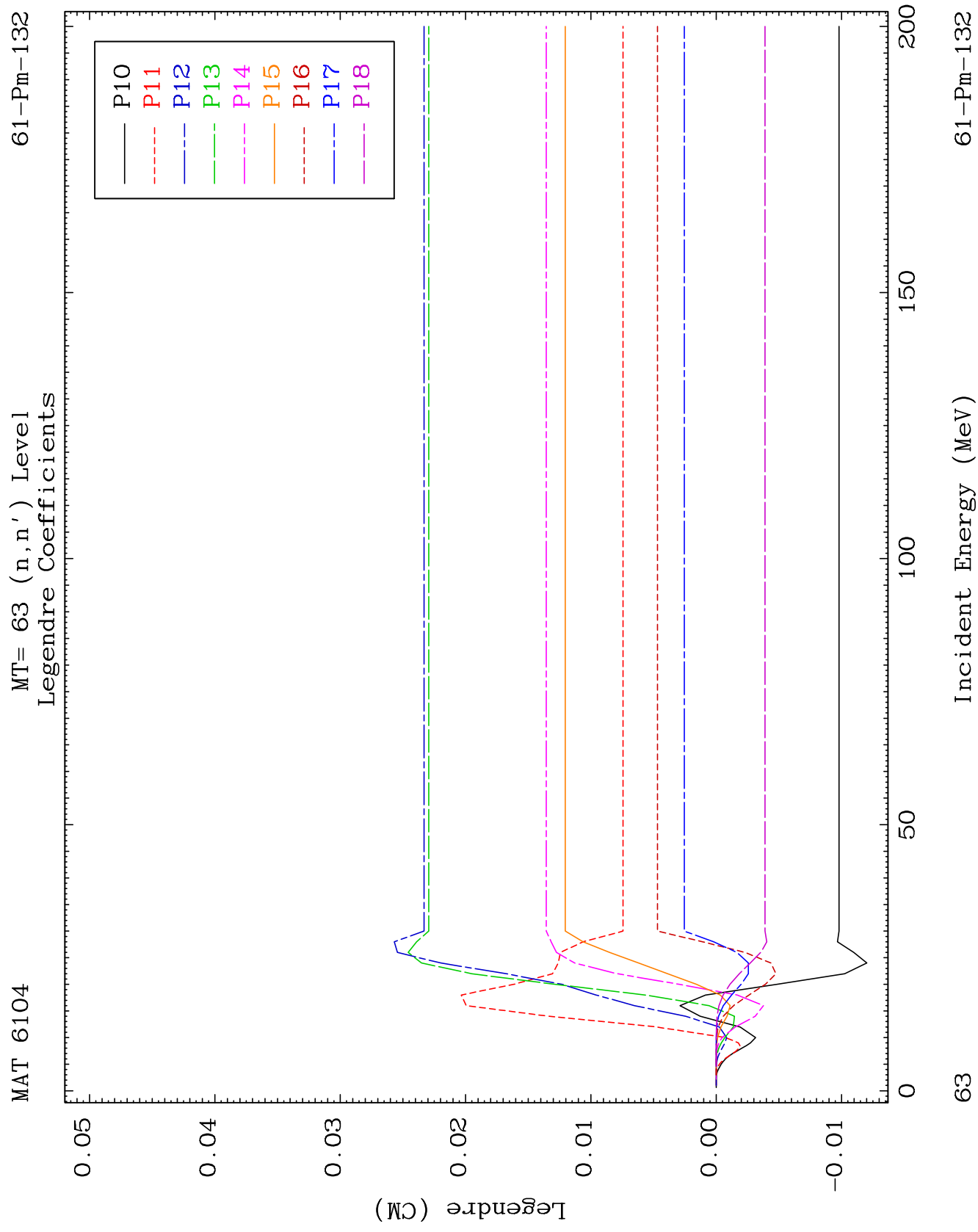


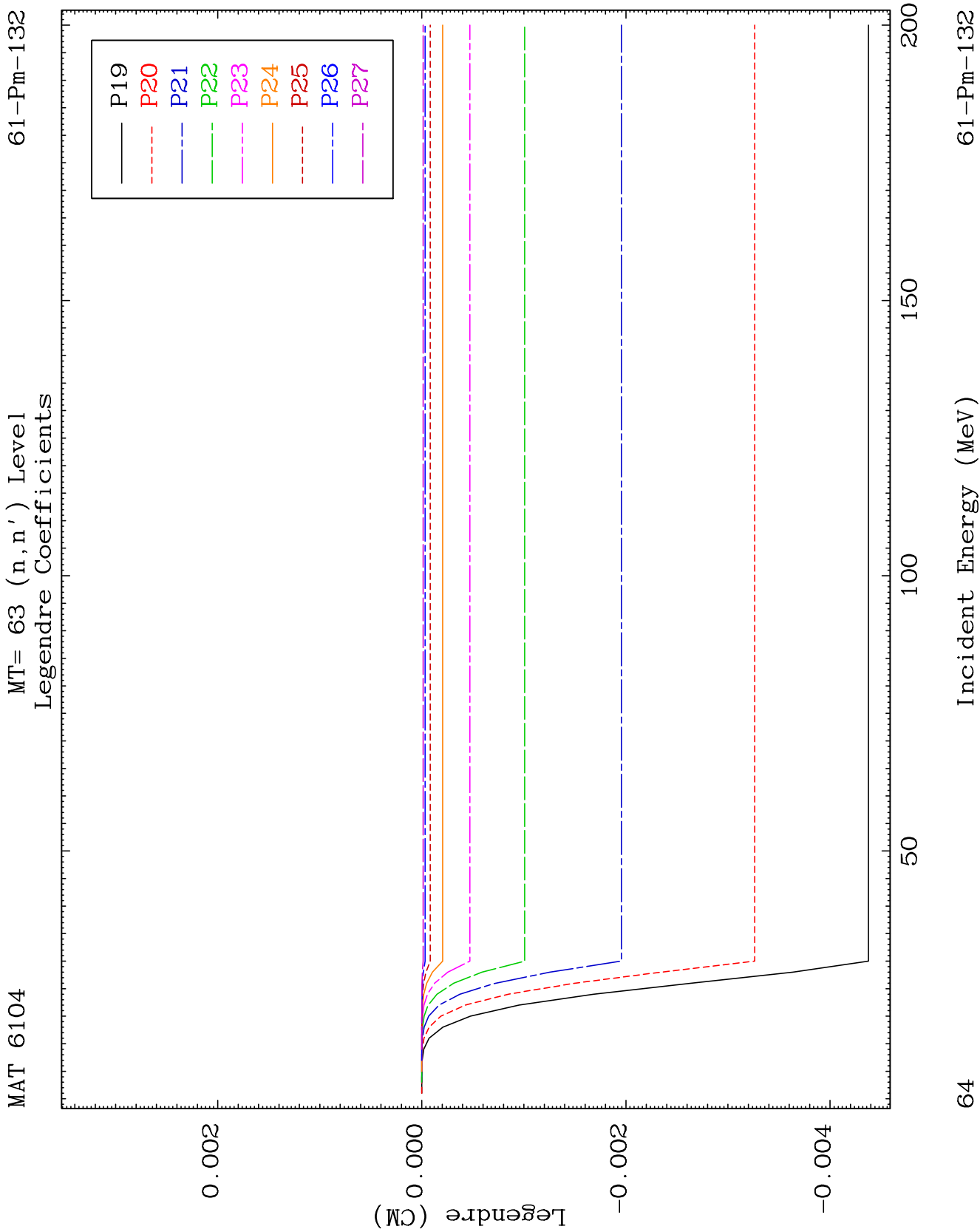








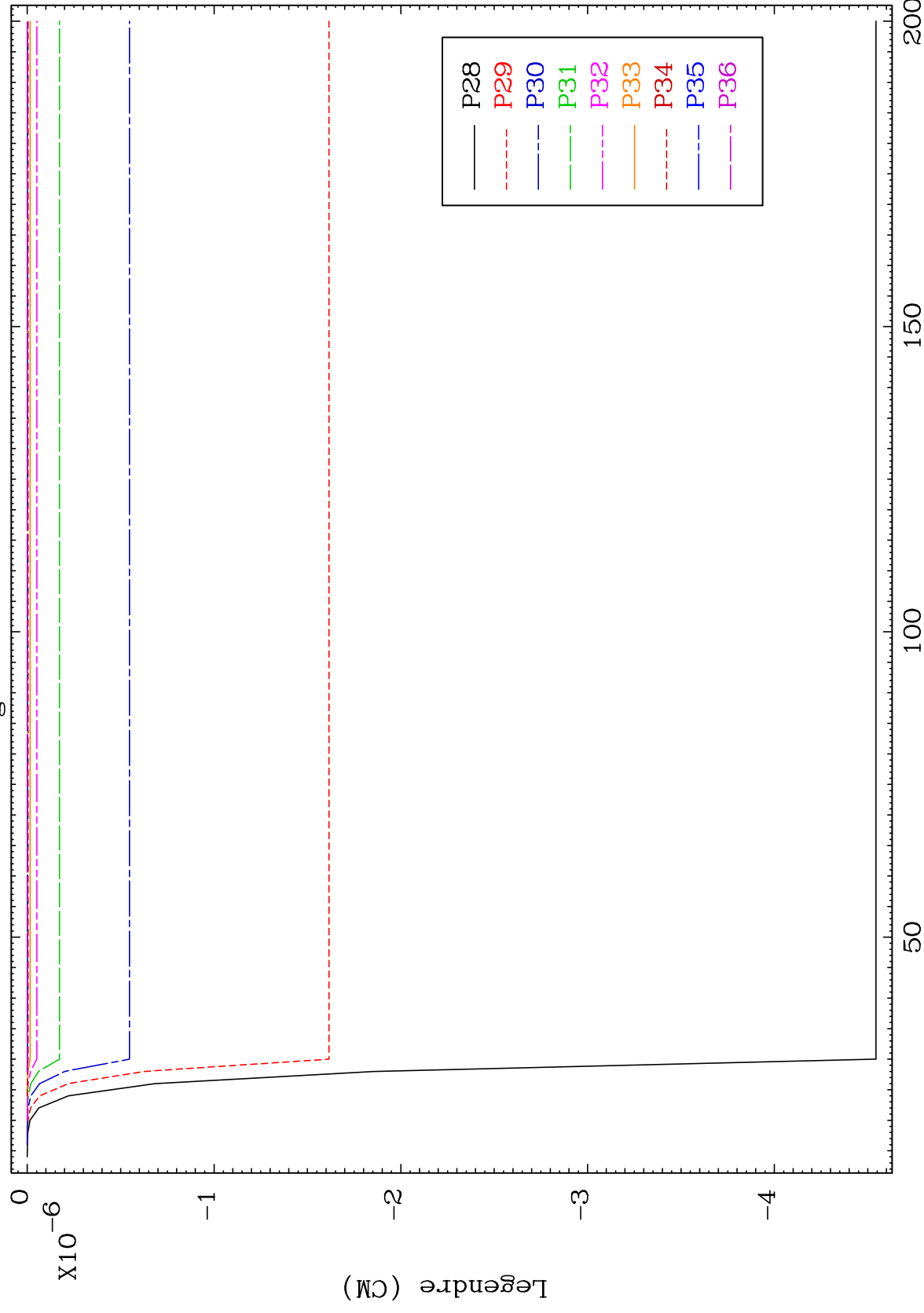




MAT 6104

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

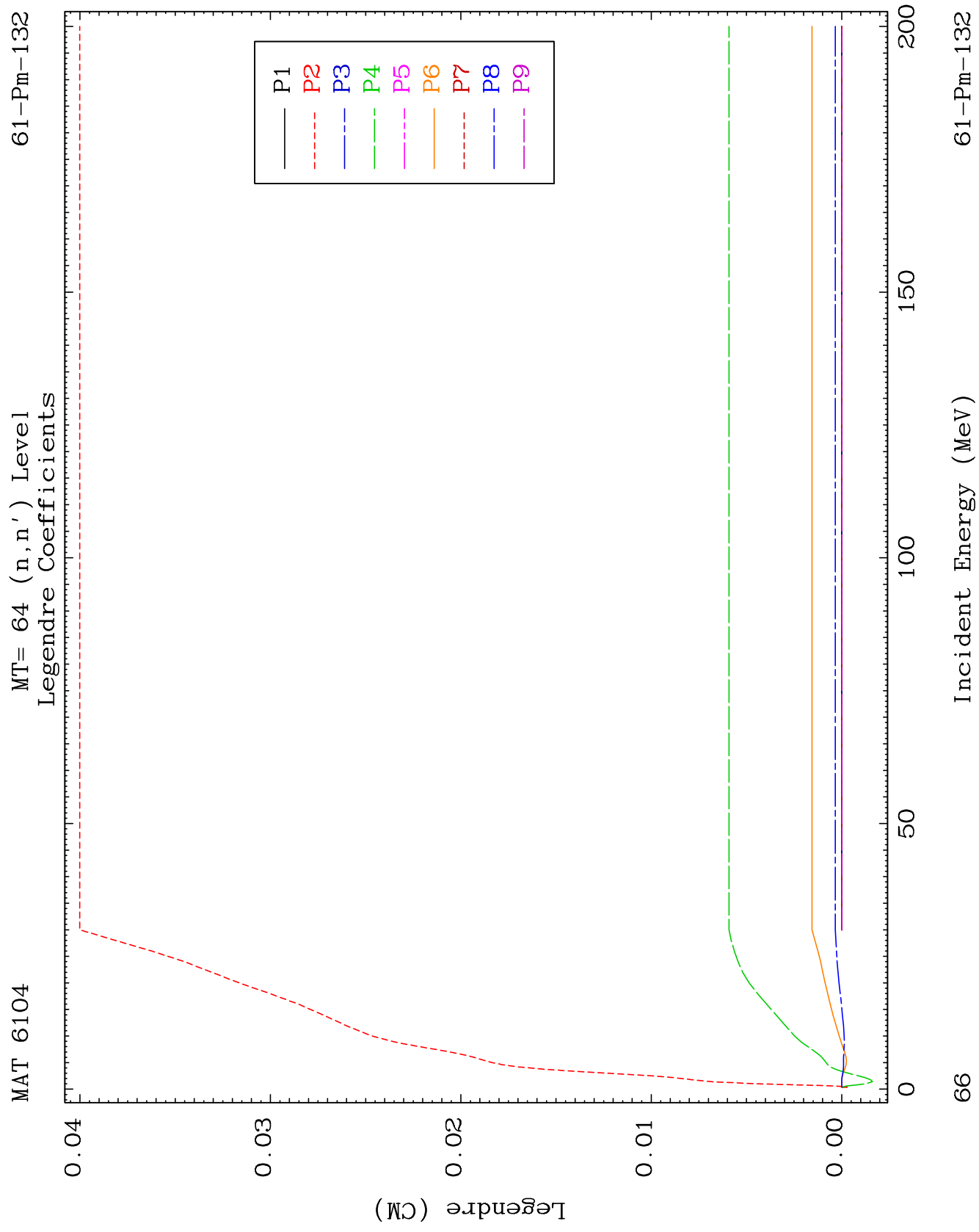
61-Pm-132

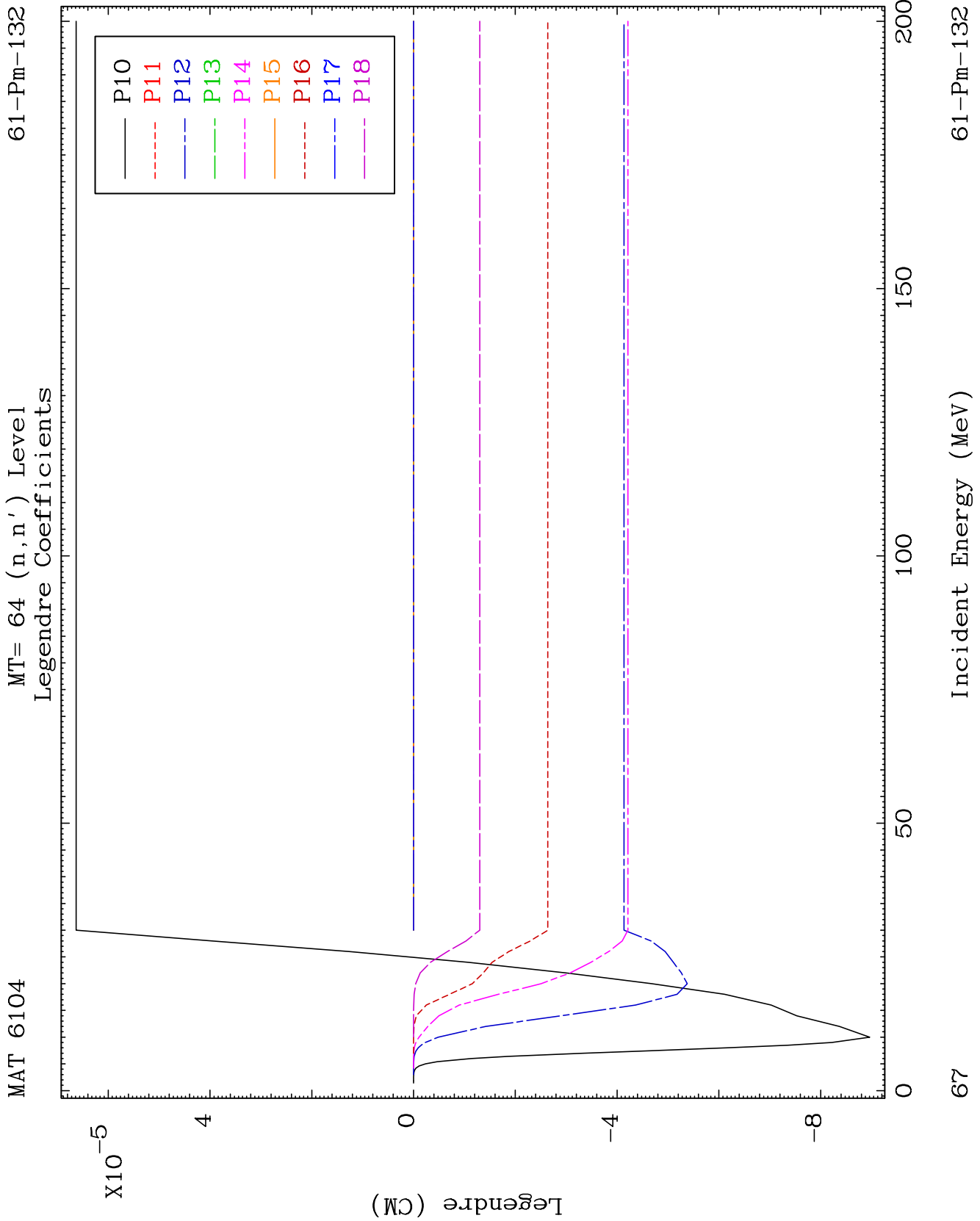


59

Incident Energy (MeV)

61-Pm-132

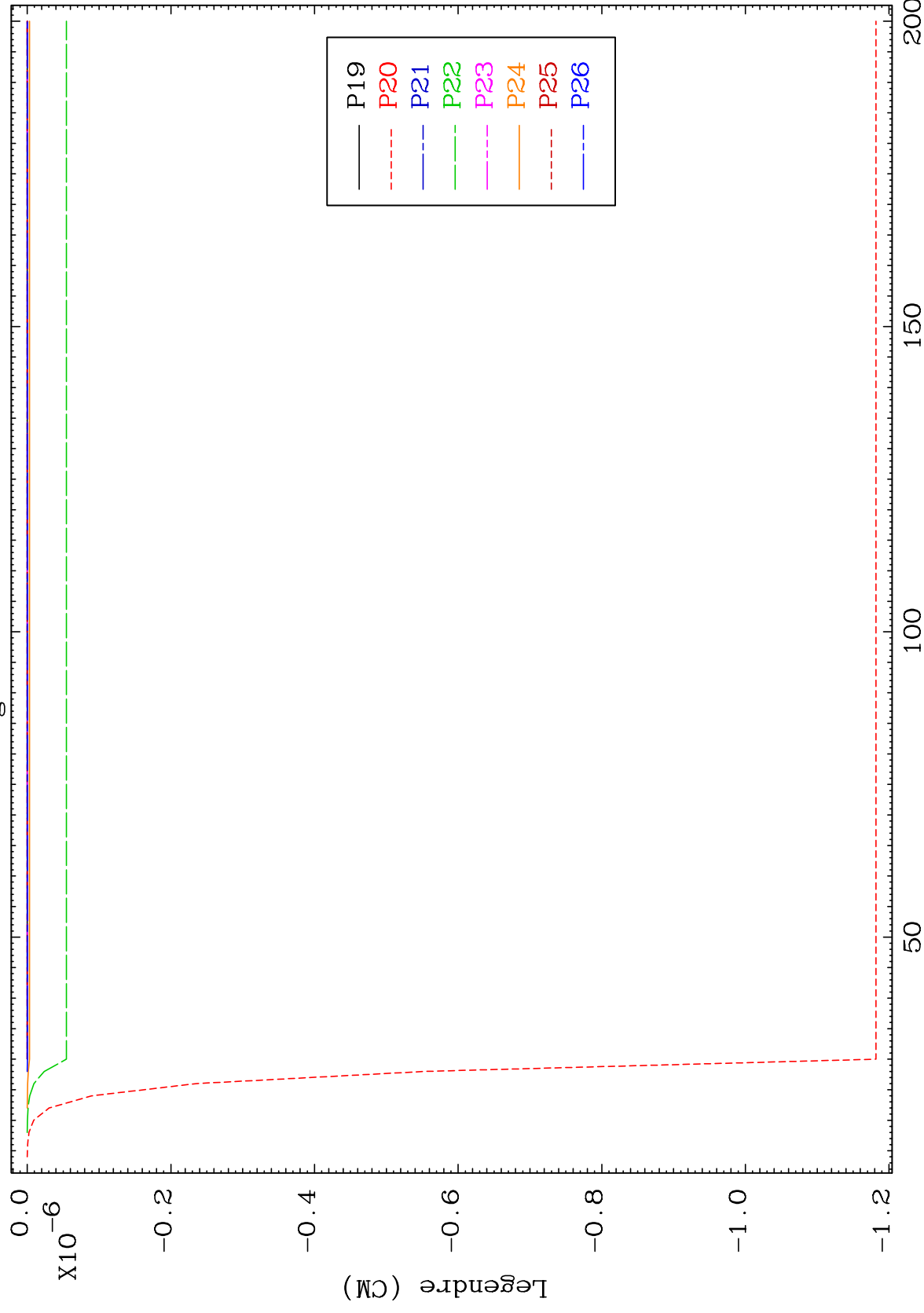




MAT 6104

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

61-Pm-132



89

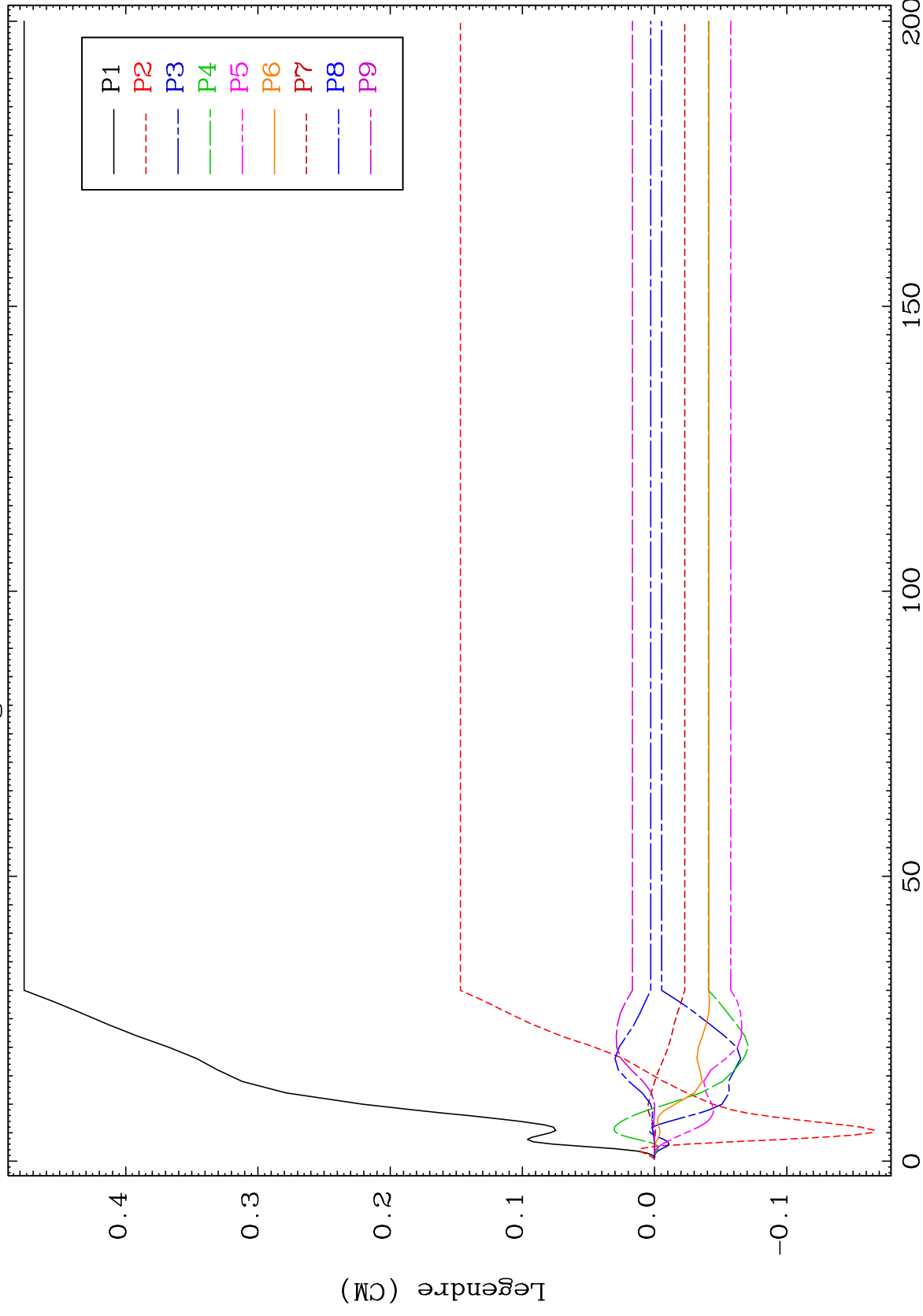
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

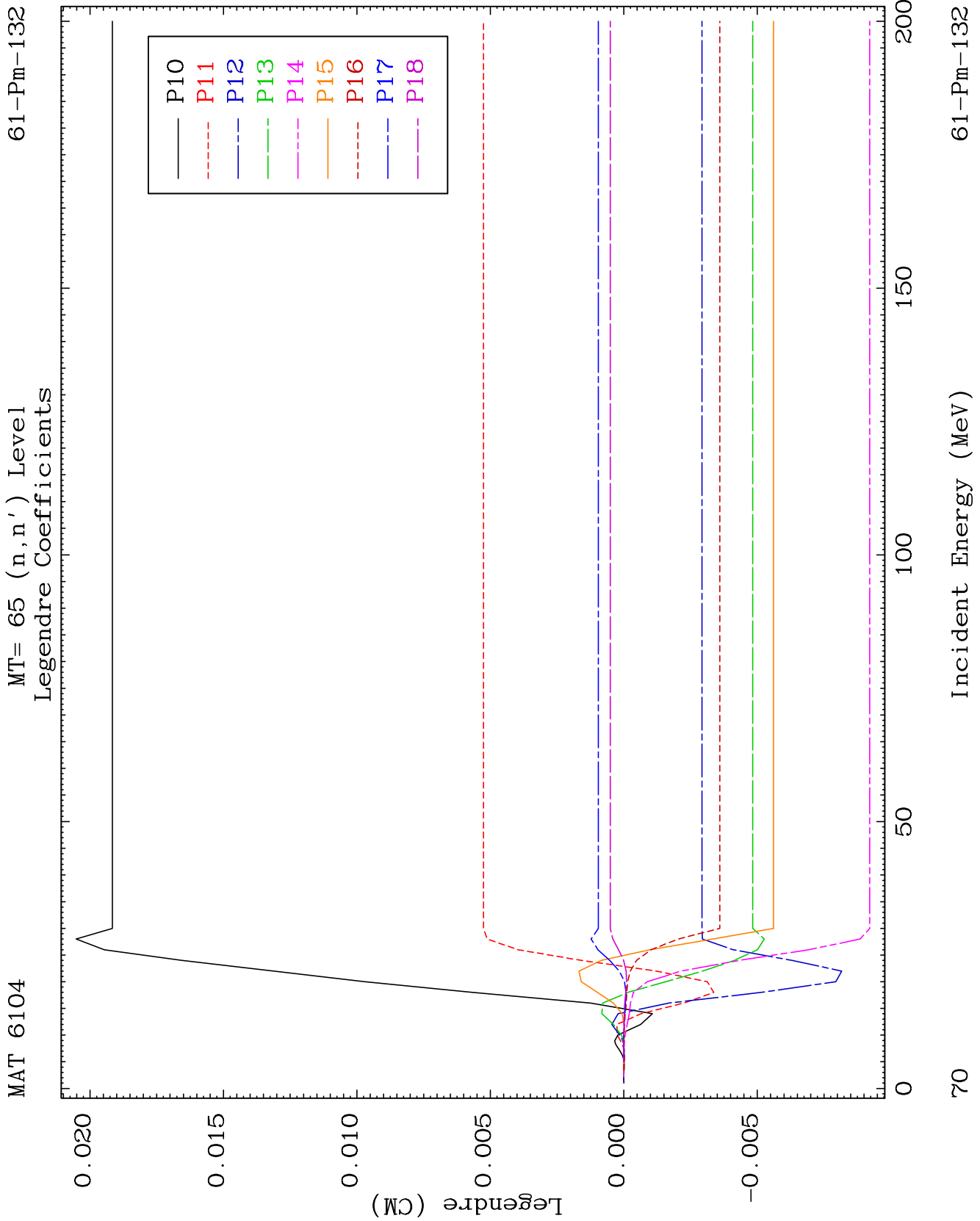
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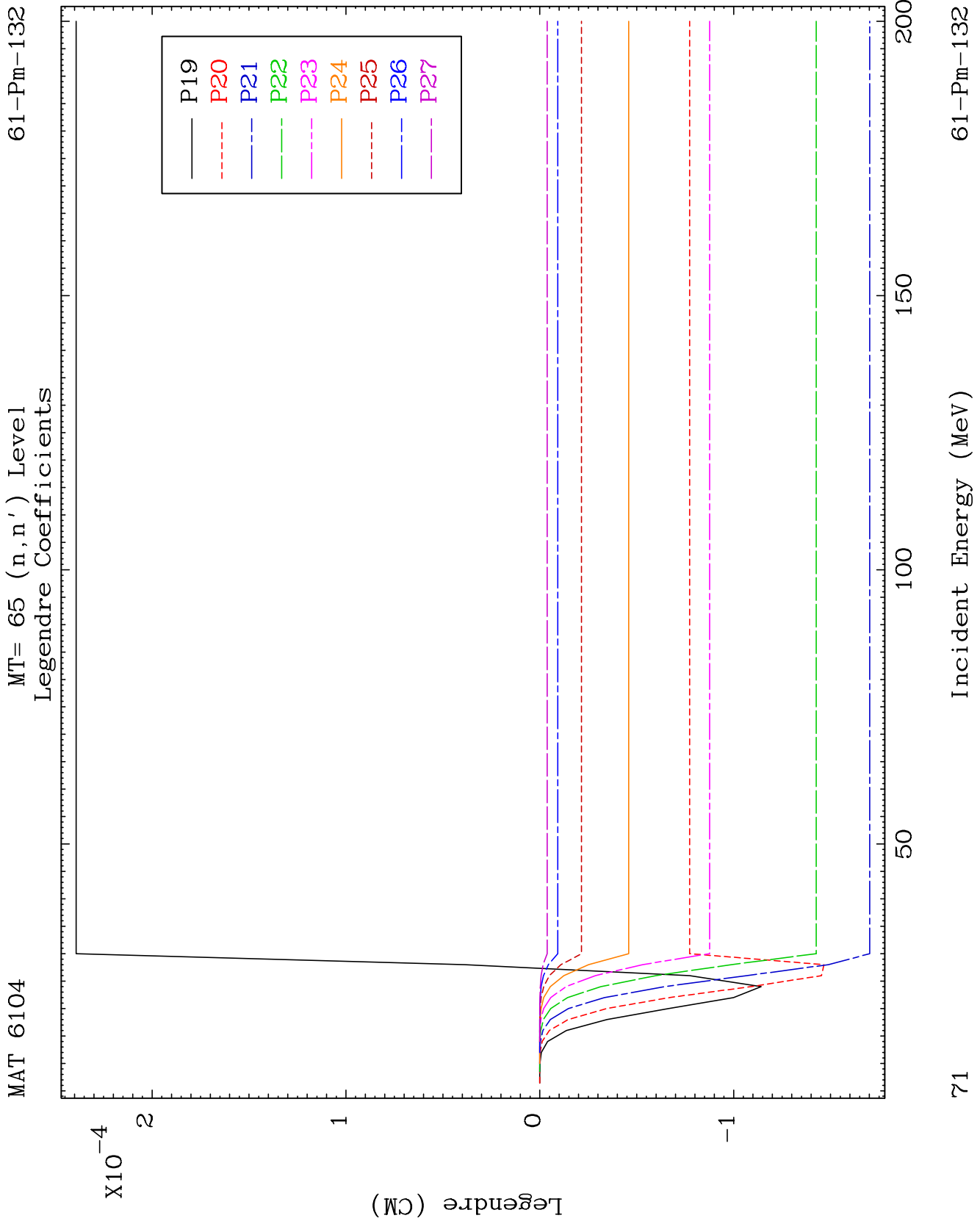


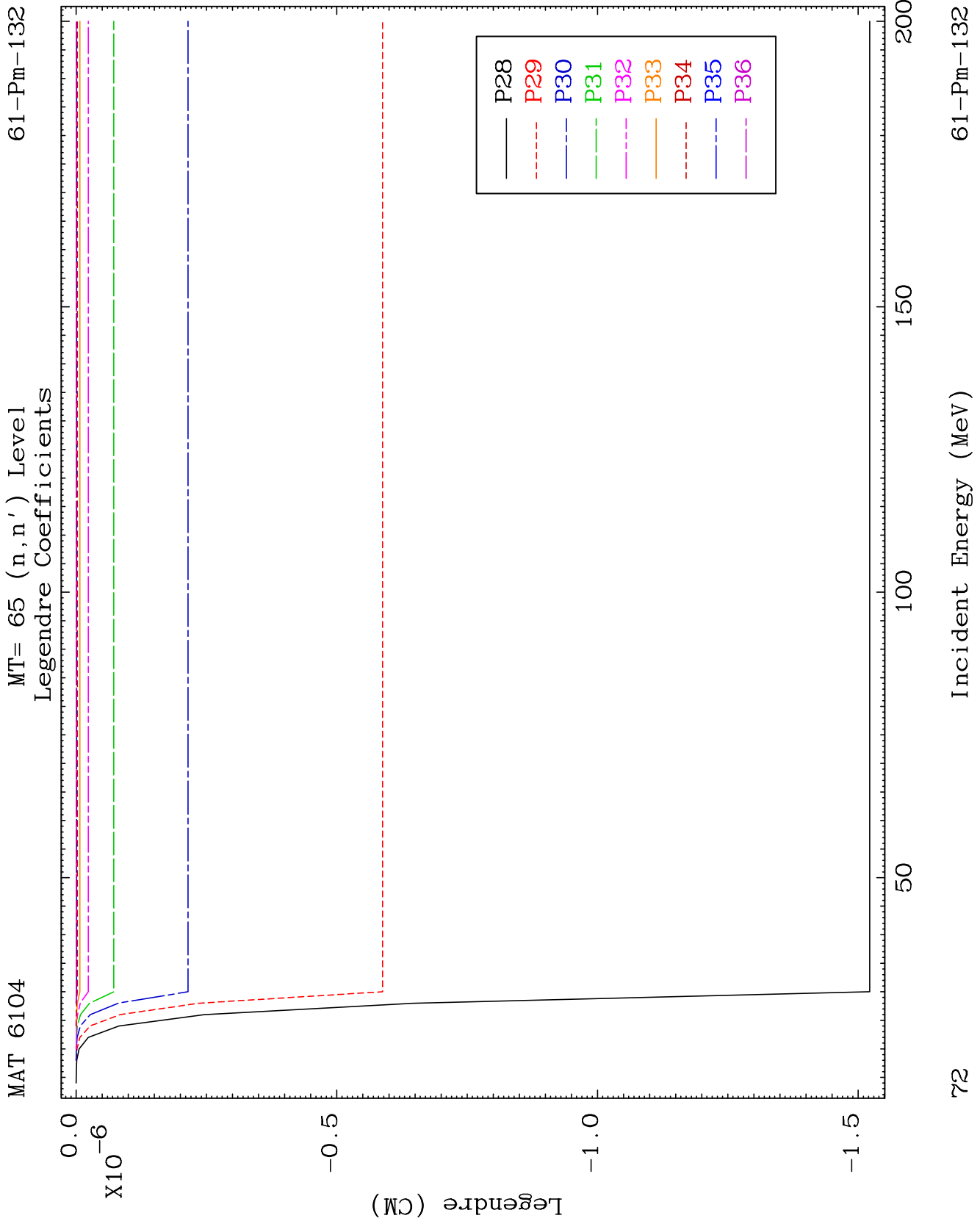
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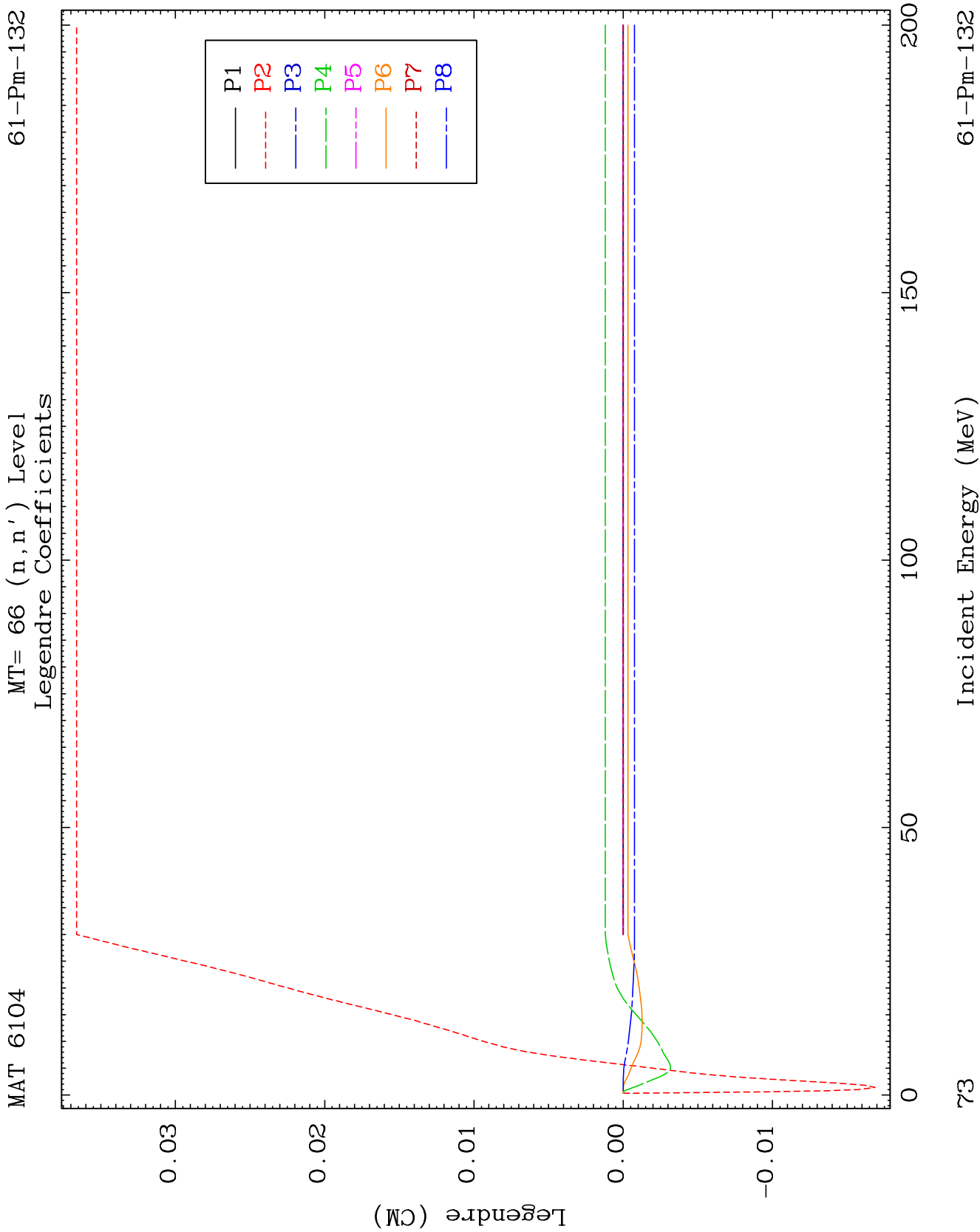
Incident Energy (MeV)

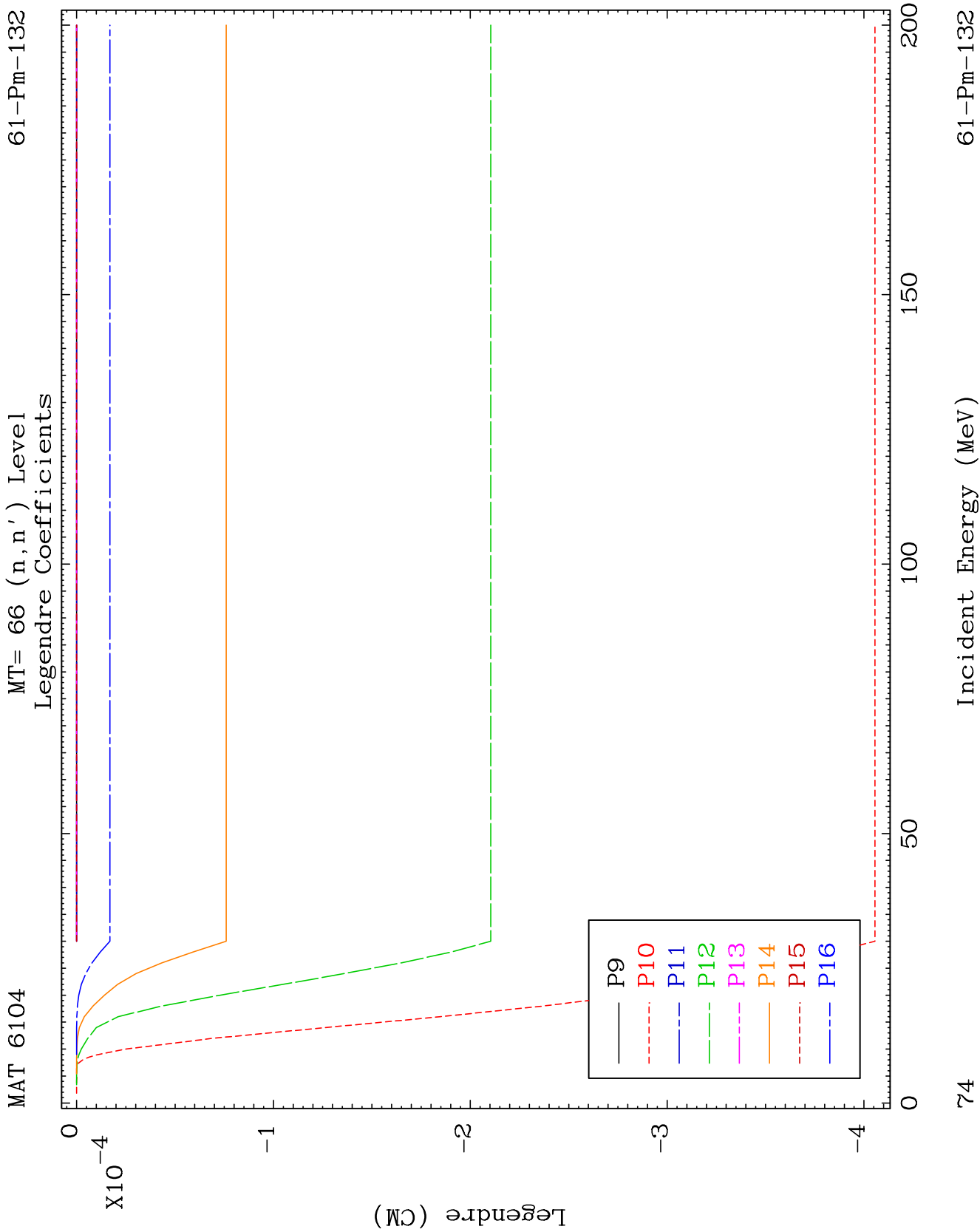
61-Pm-132

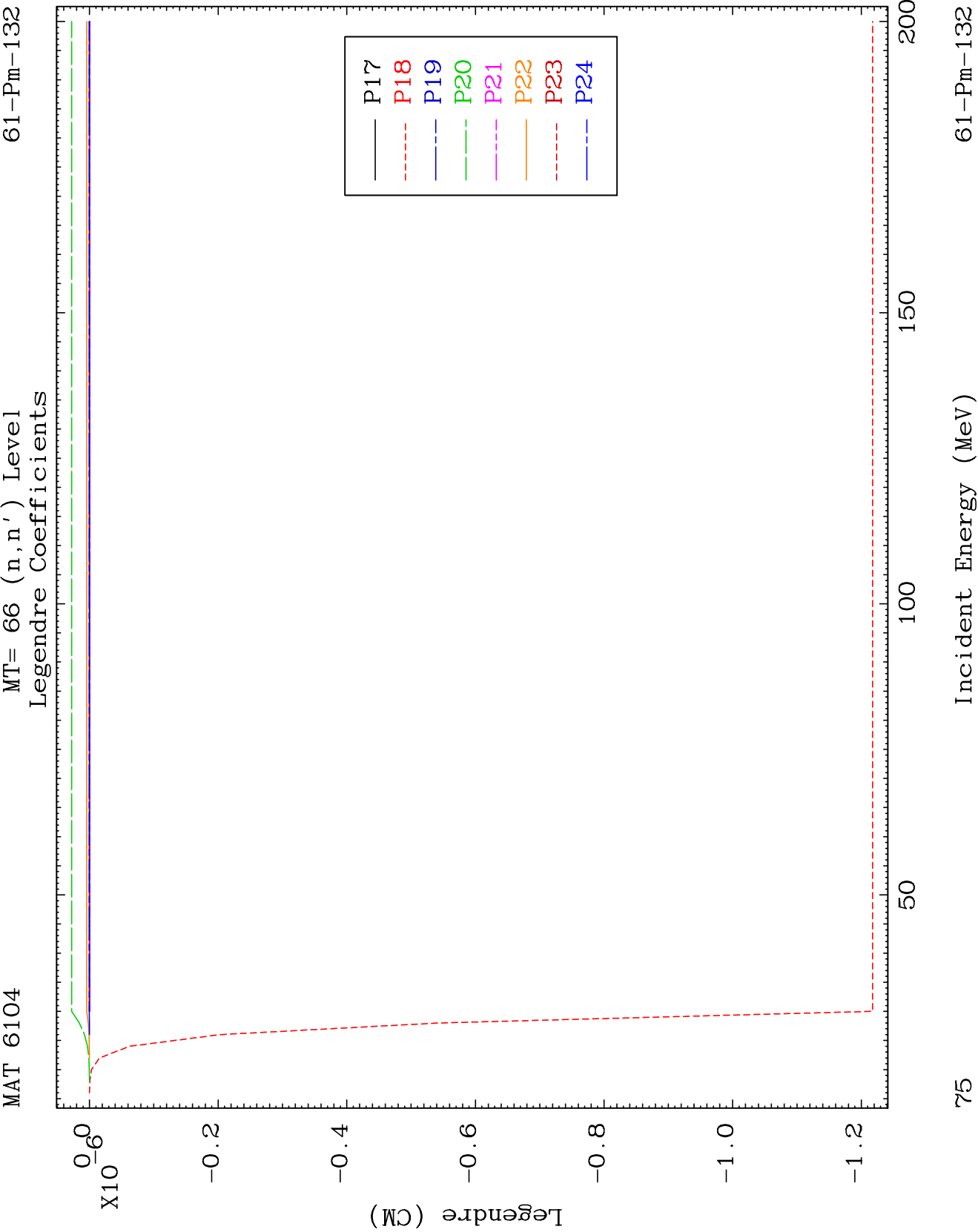


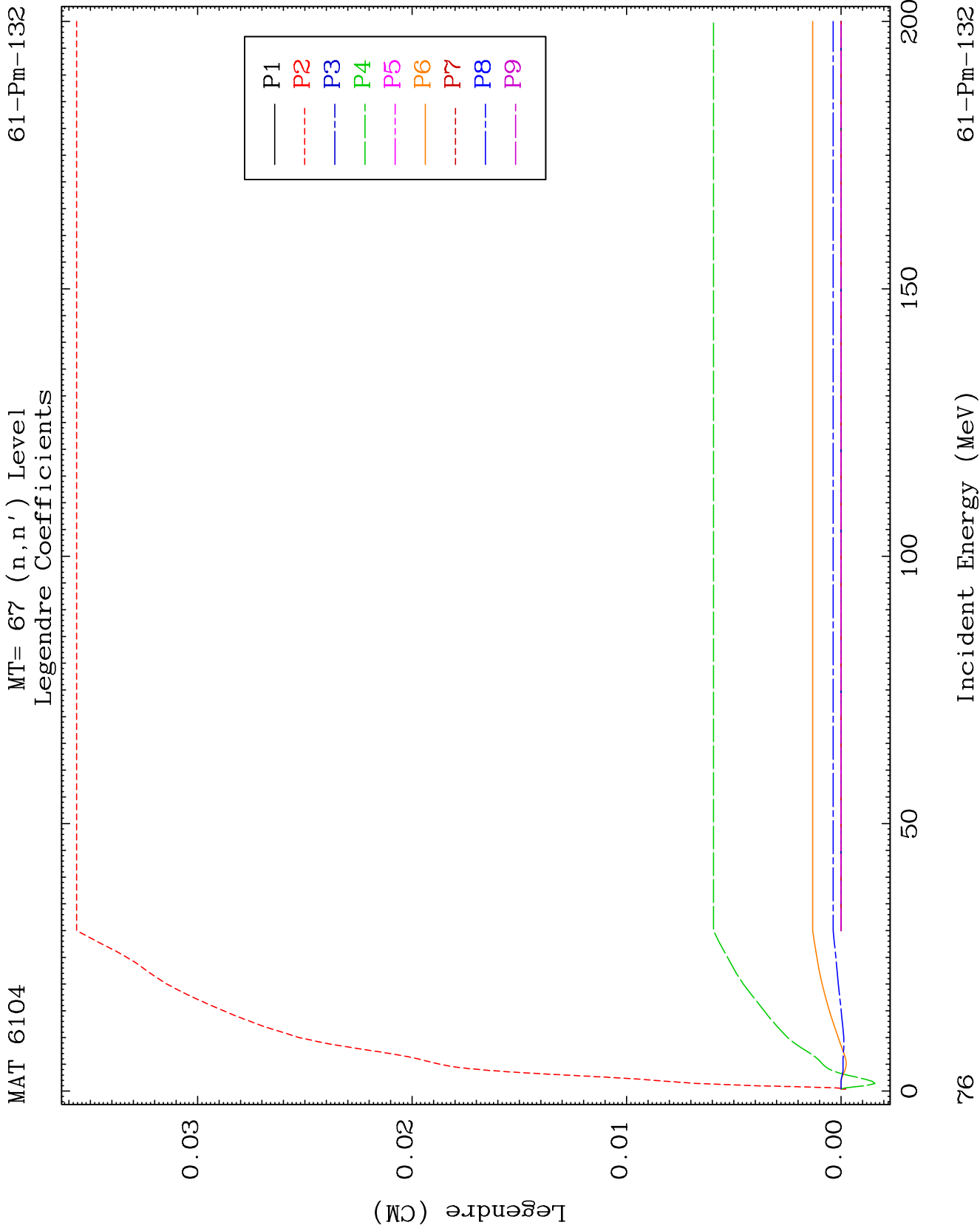








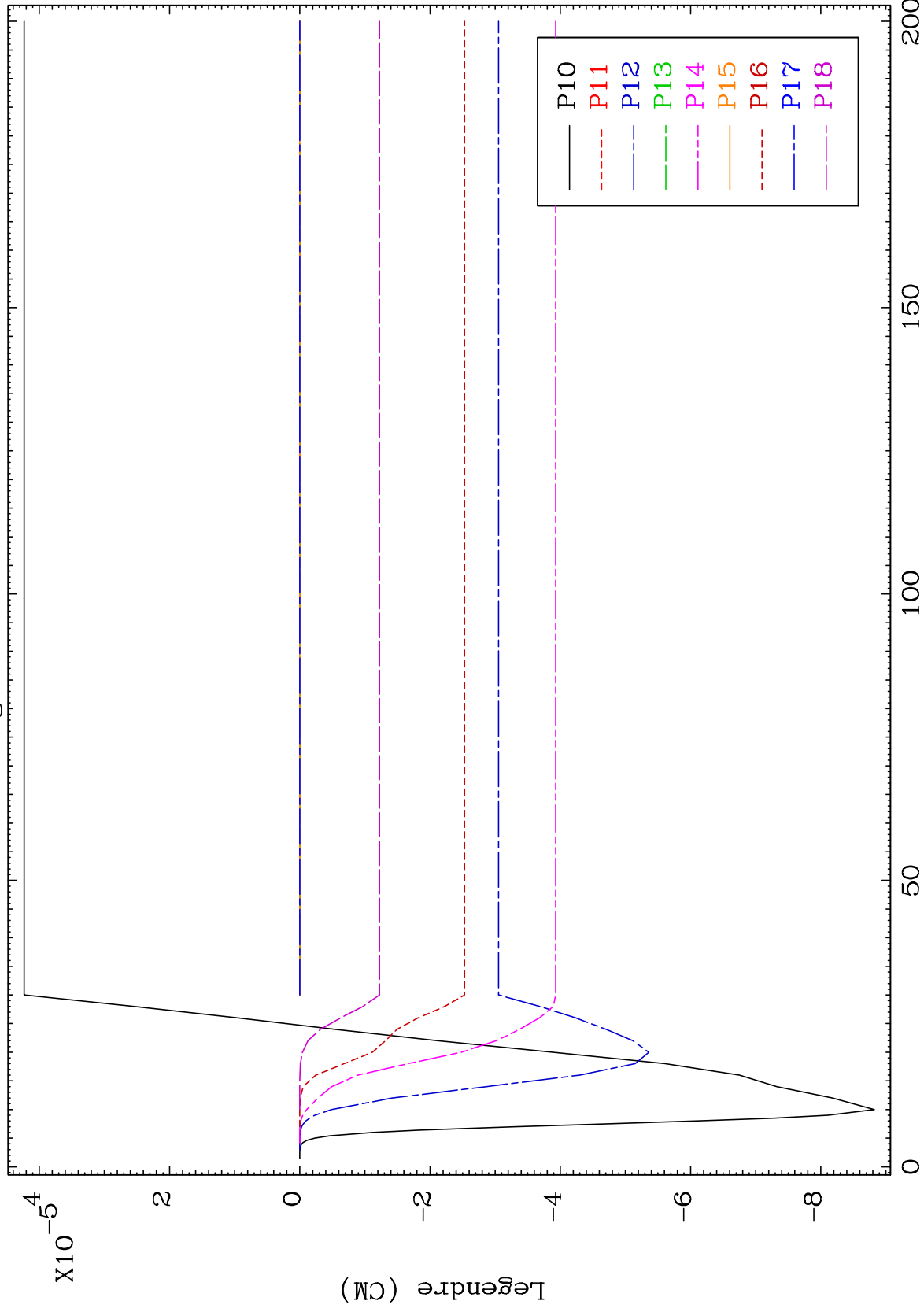




MAT 6104

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

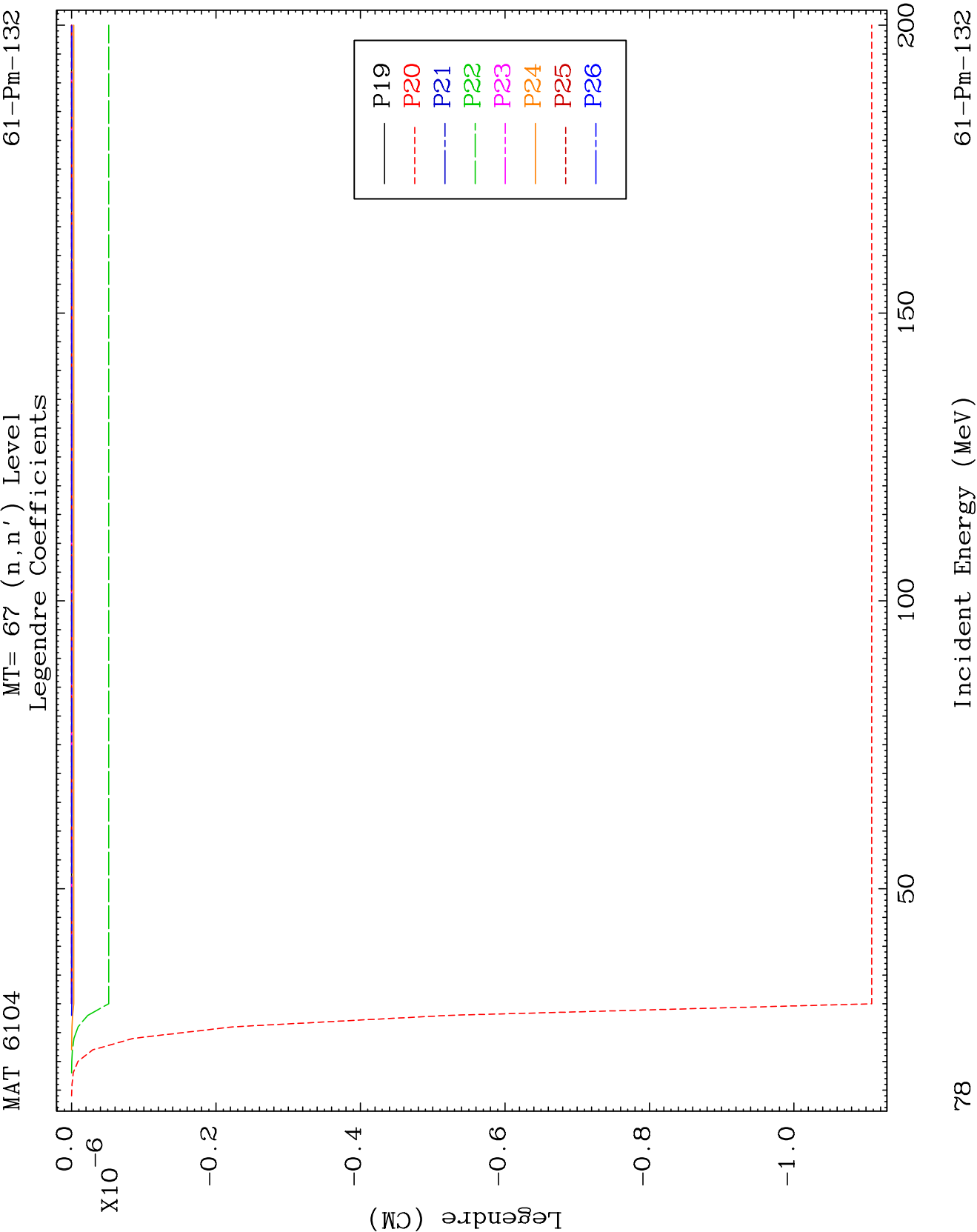
61-Pm-132

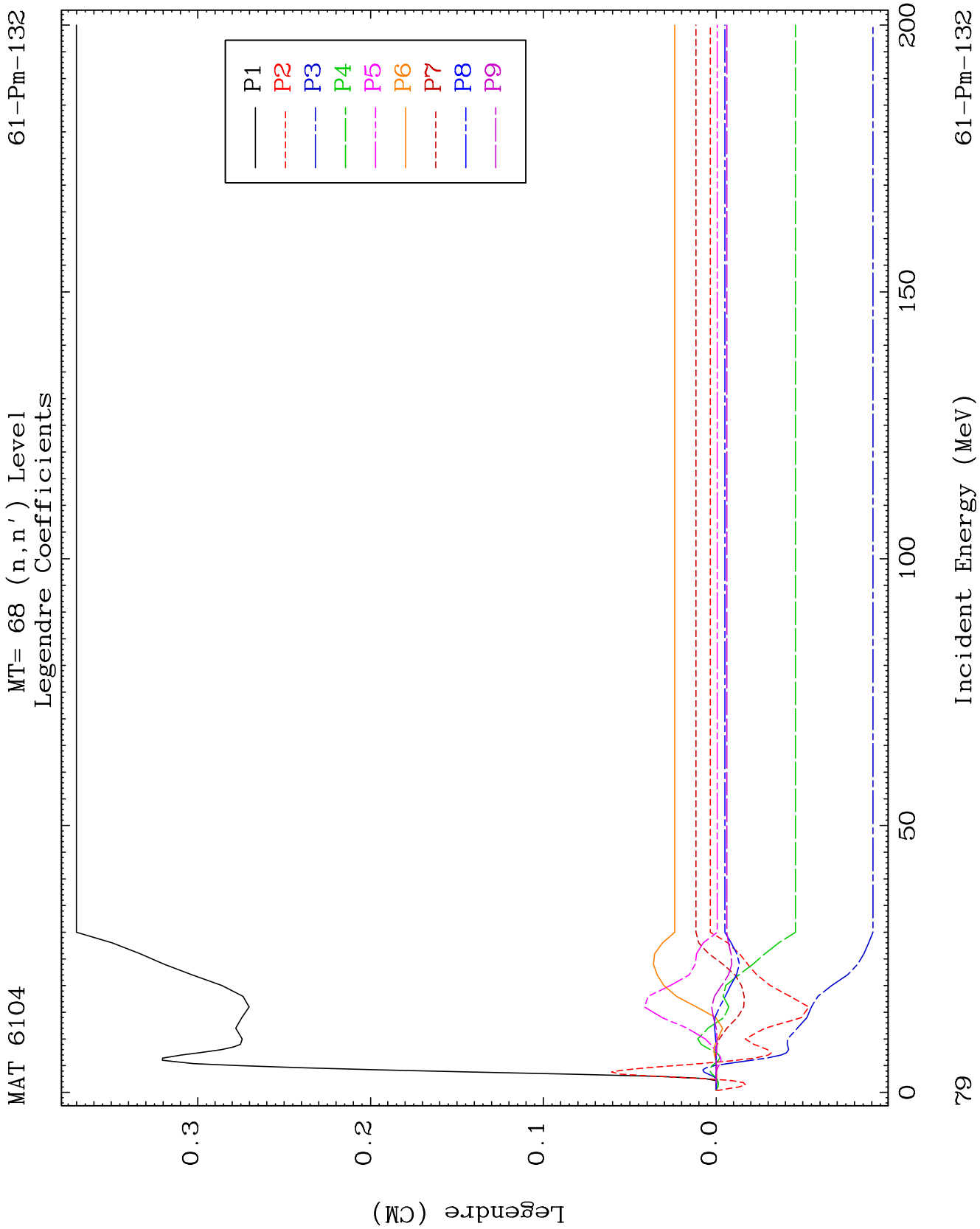


77

Incident Energy (MeV)

61-Pm-132

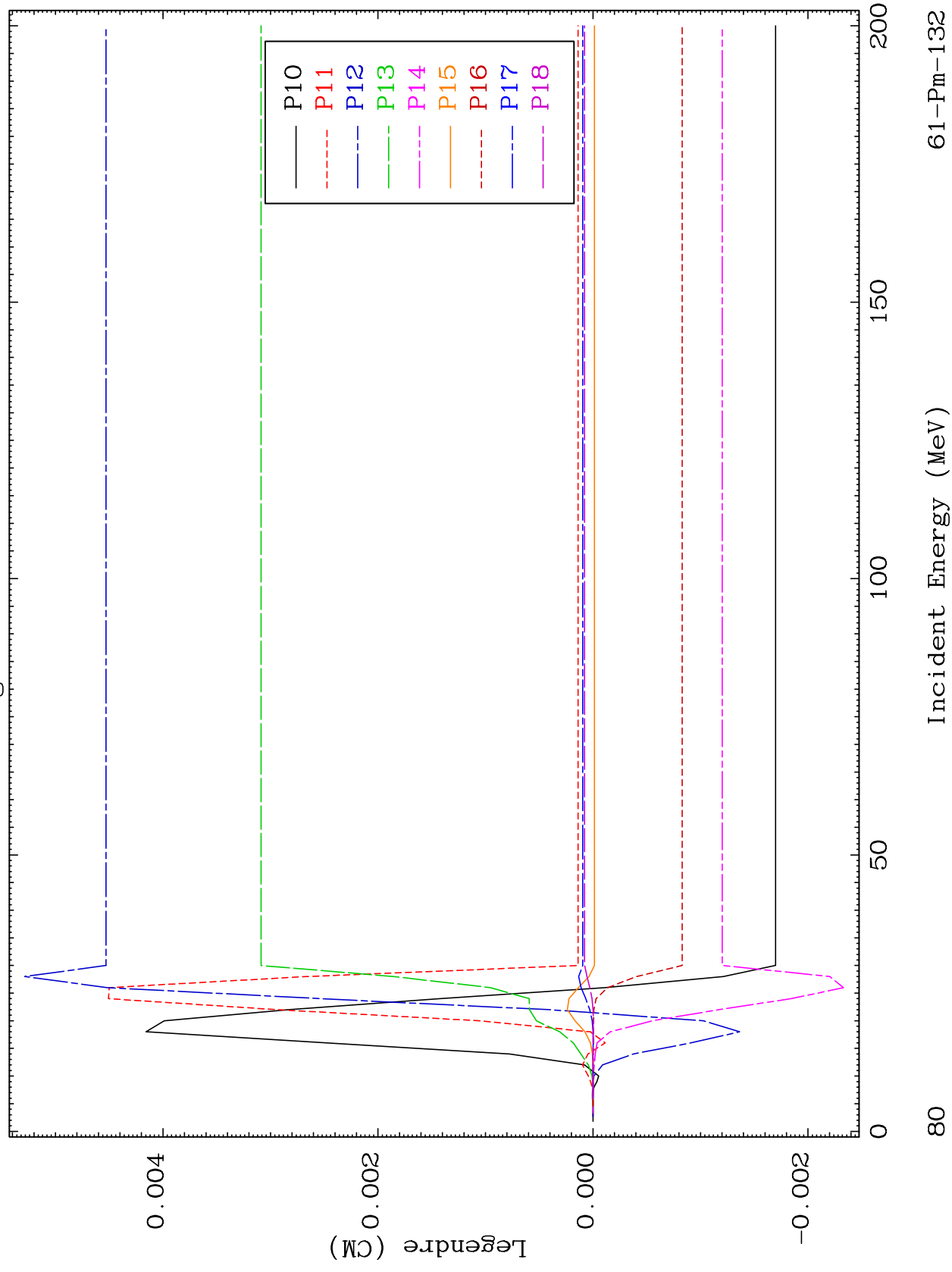


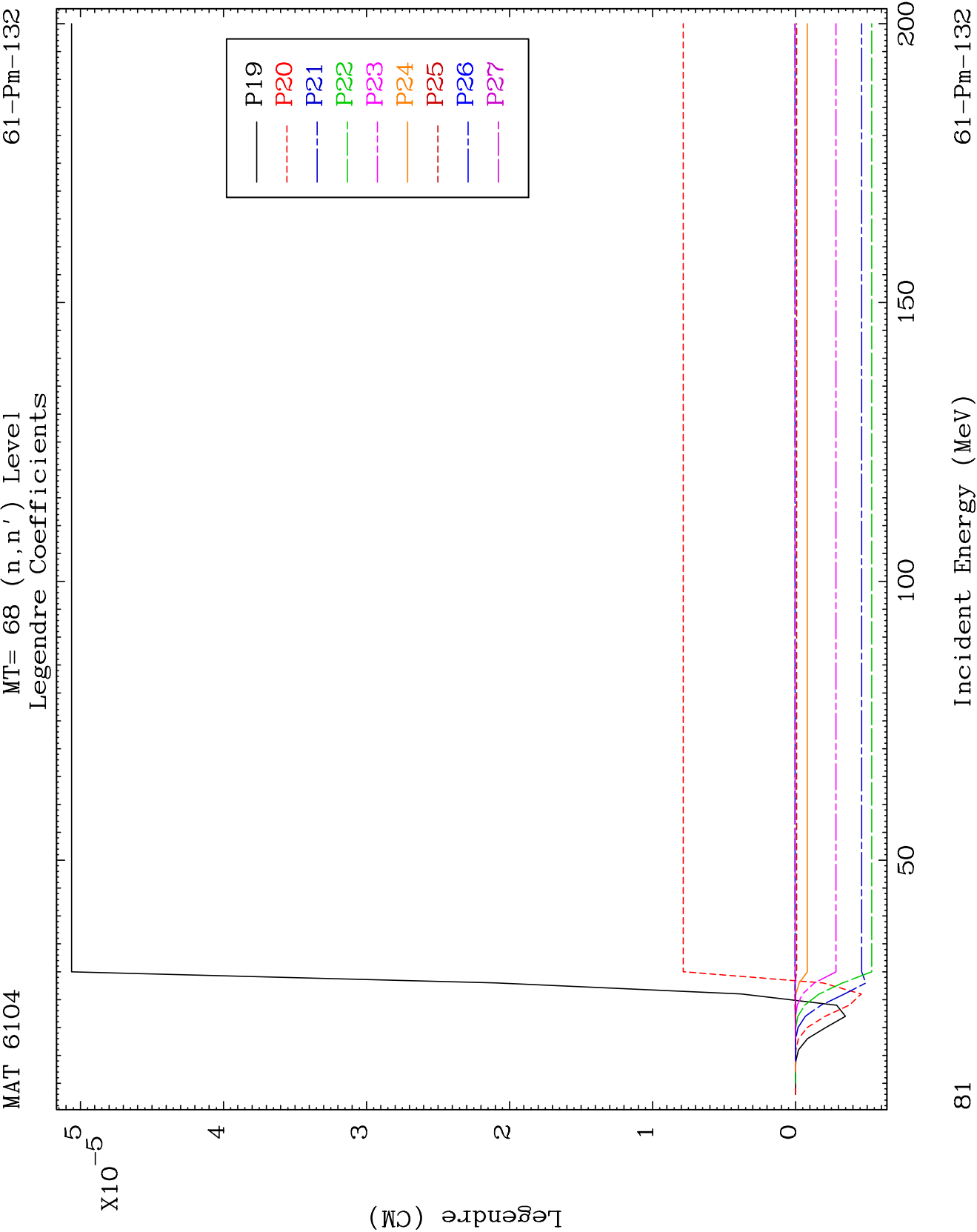


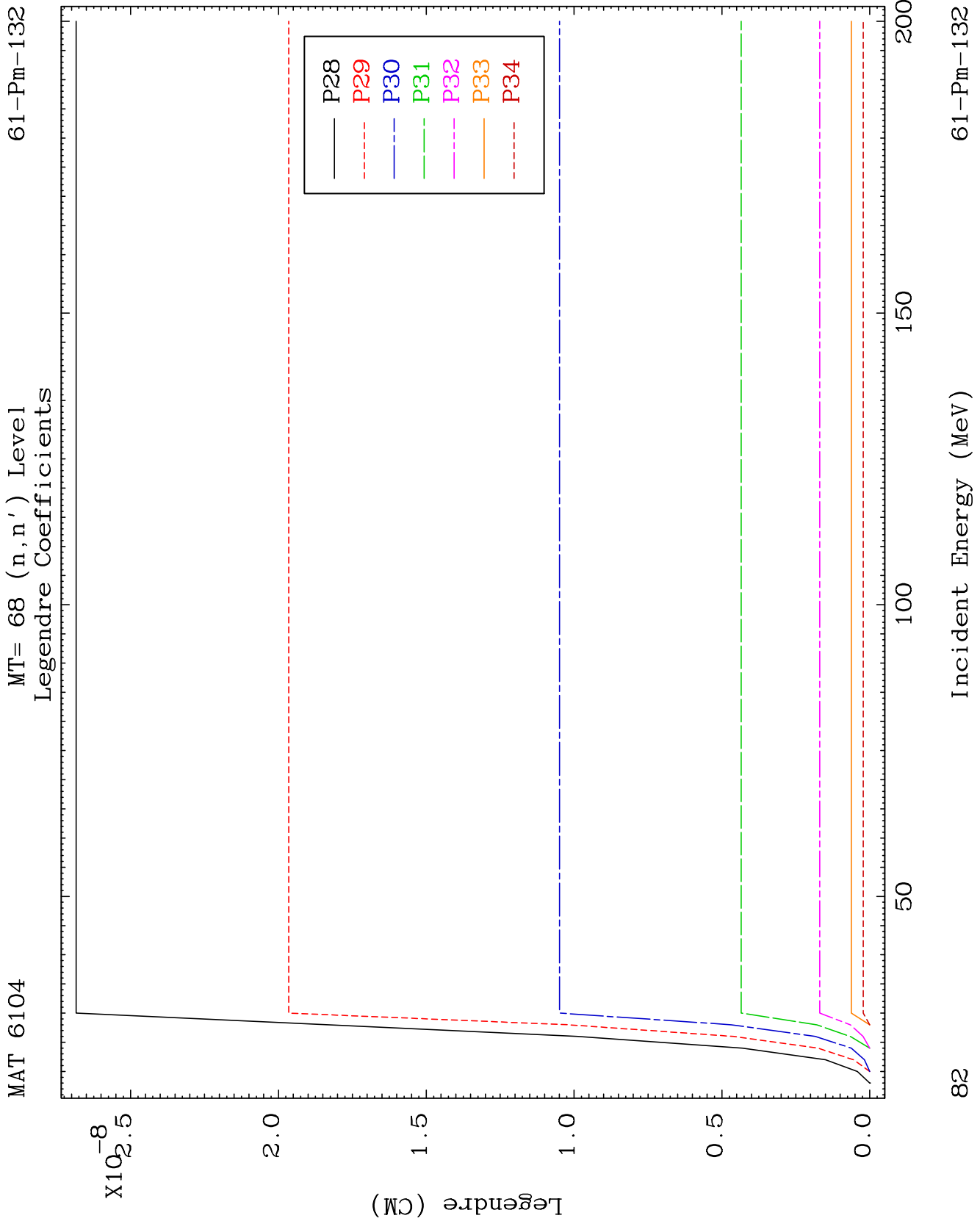
MAT 6104

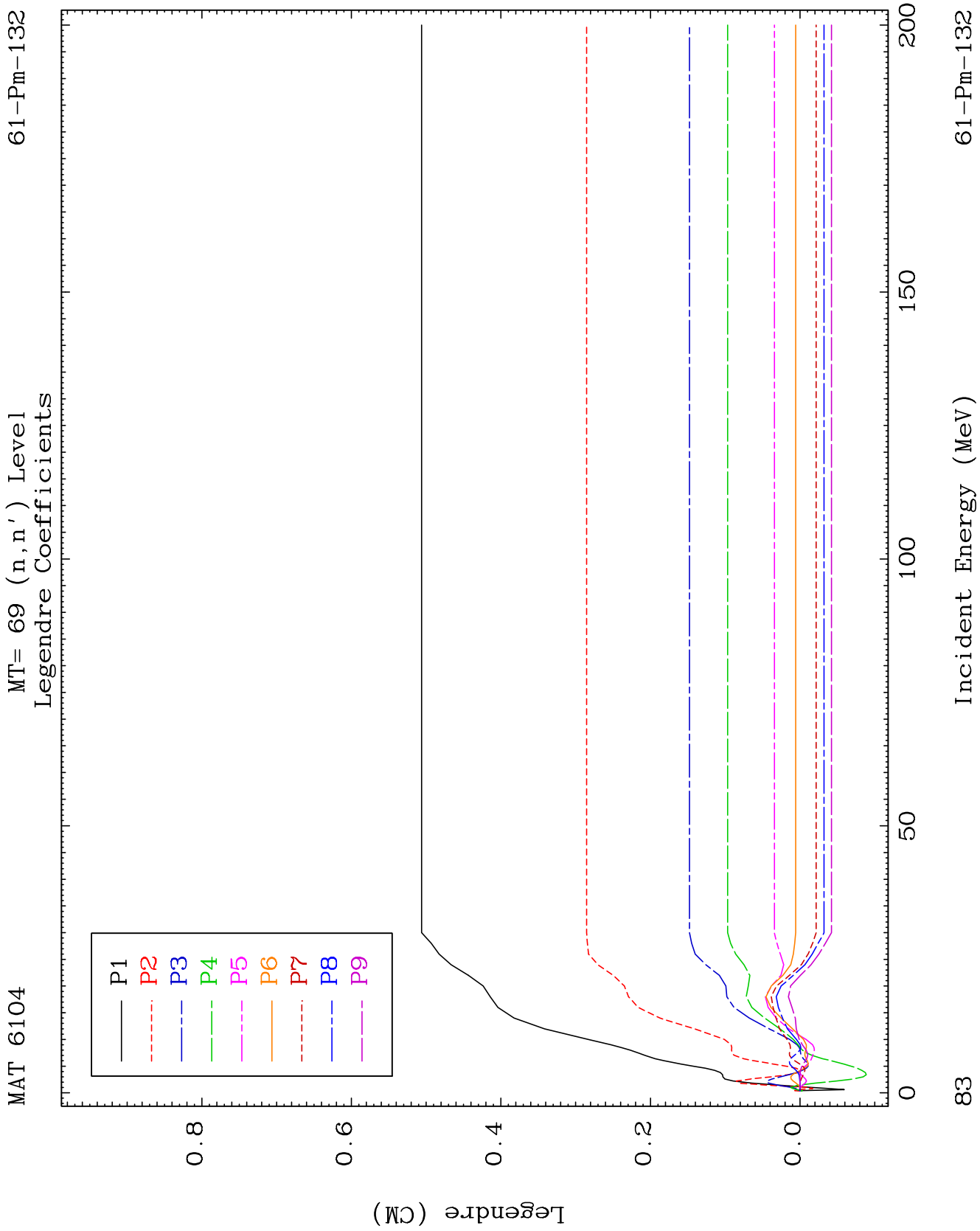
MT= 68 (n, n') Level
Legendre Coefficients

61-Pm-132





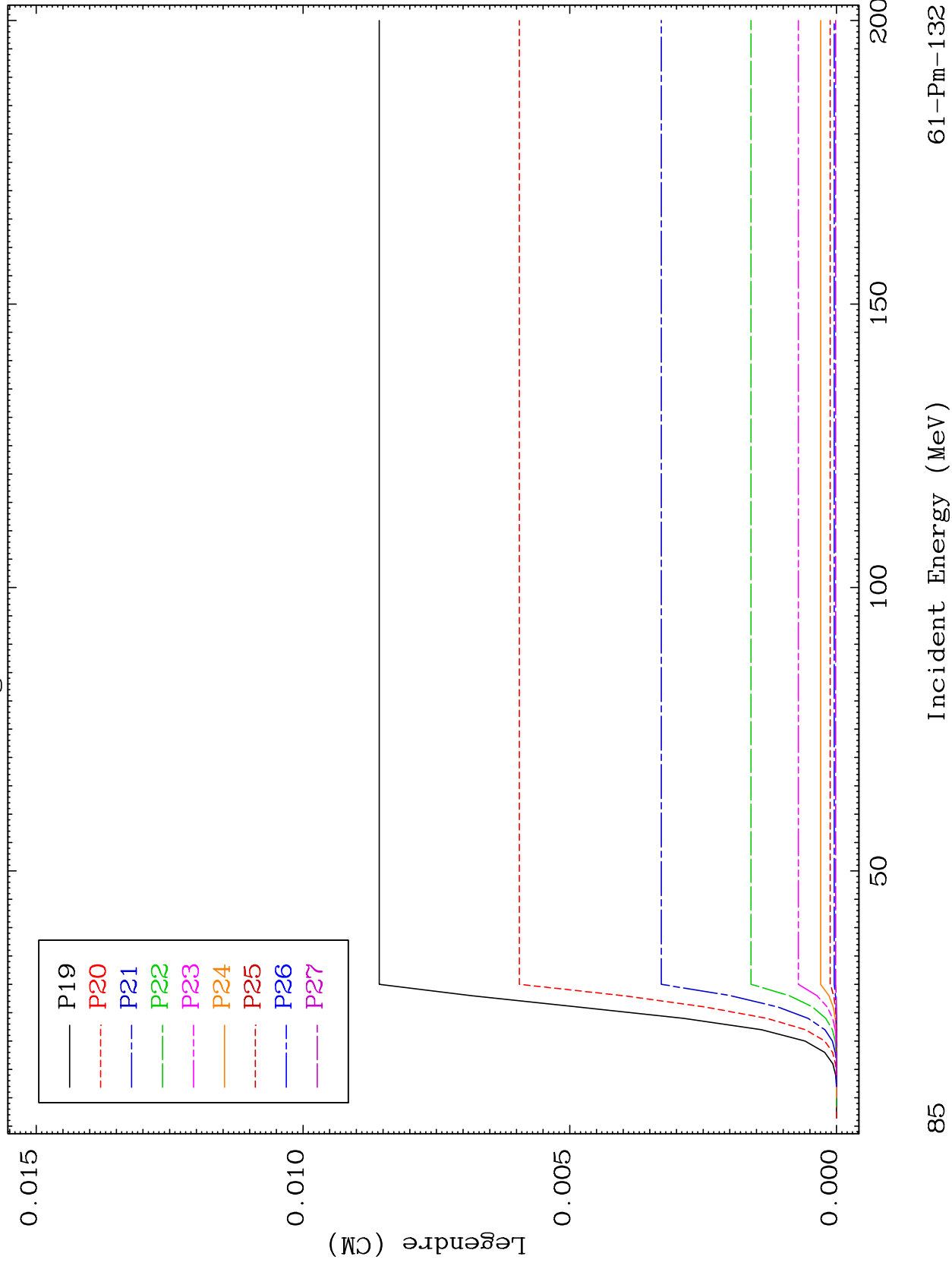




MAT 6104

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

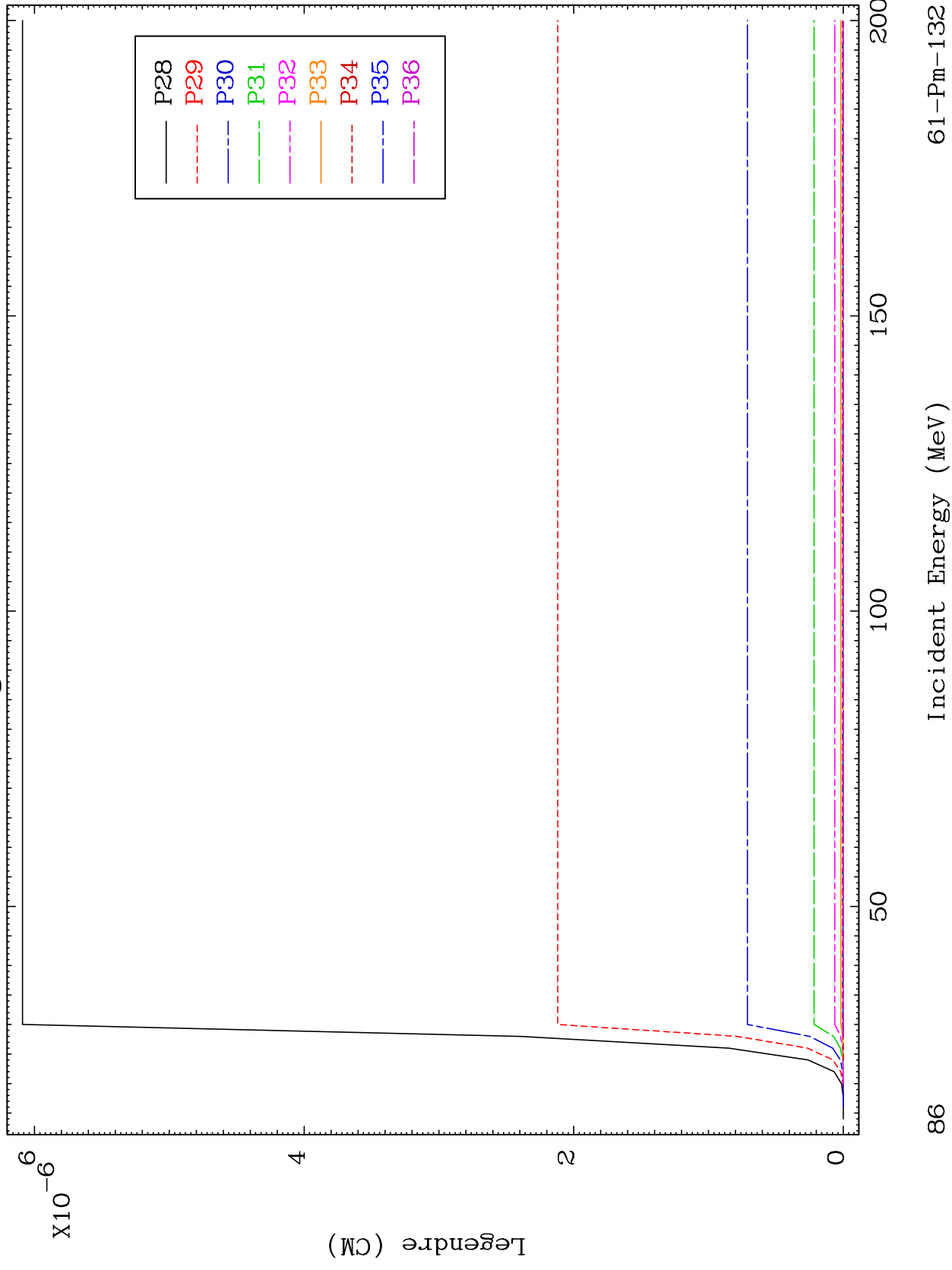
61-Pm-132

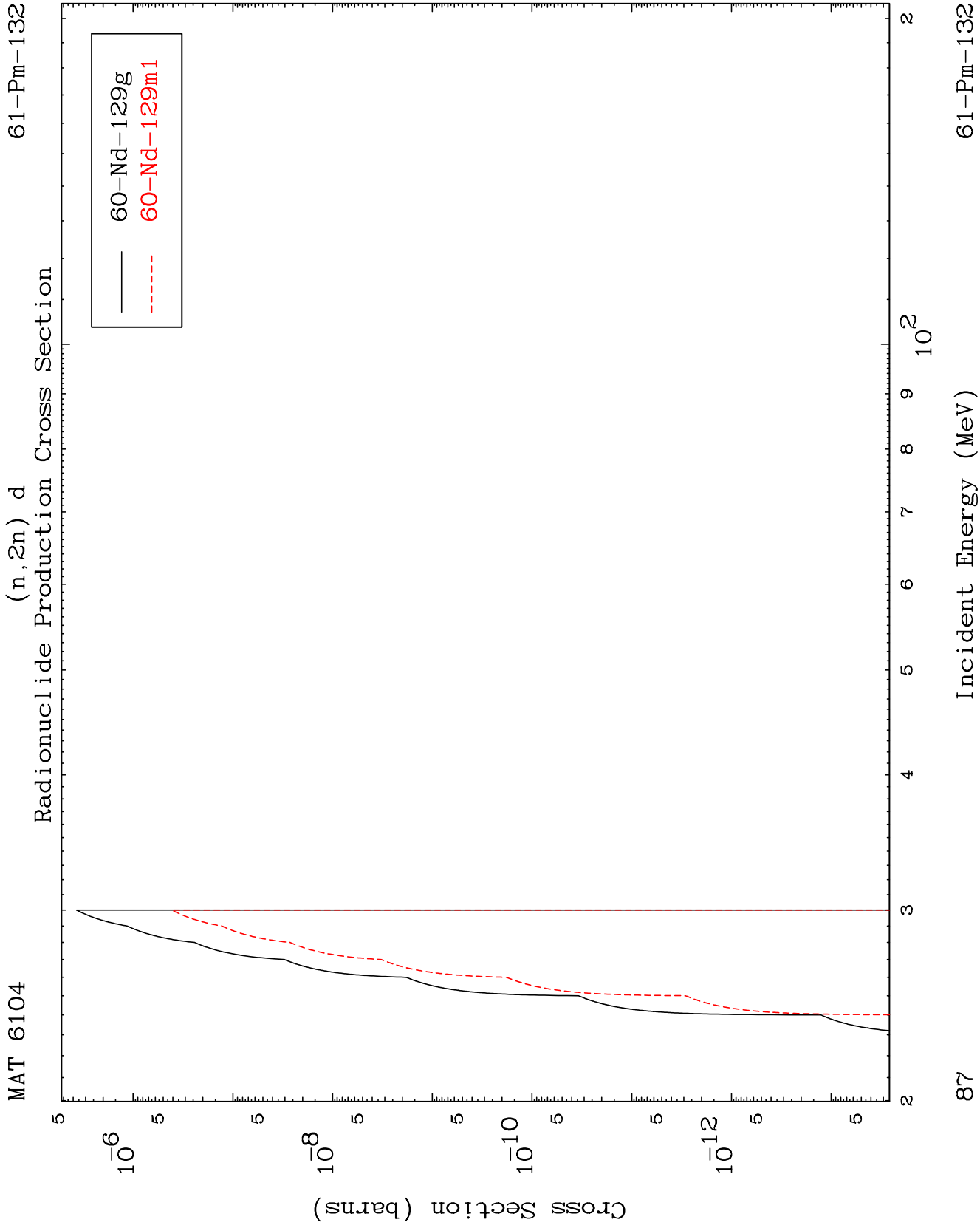


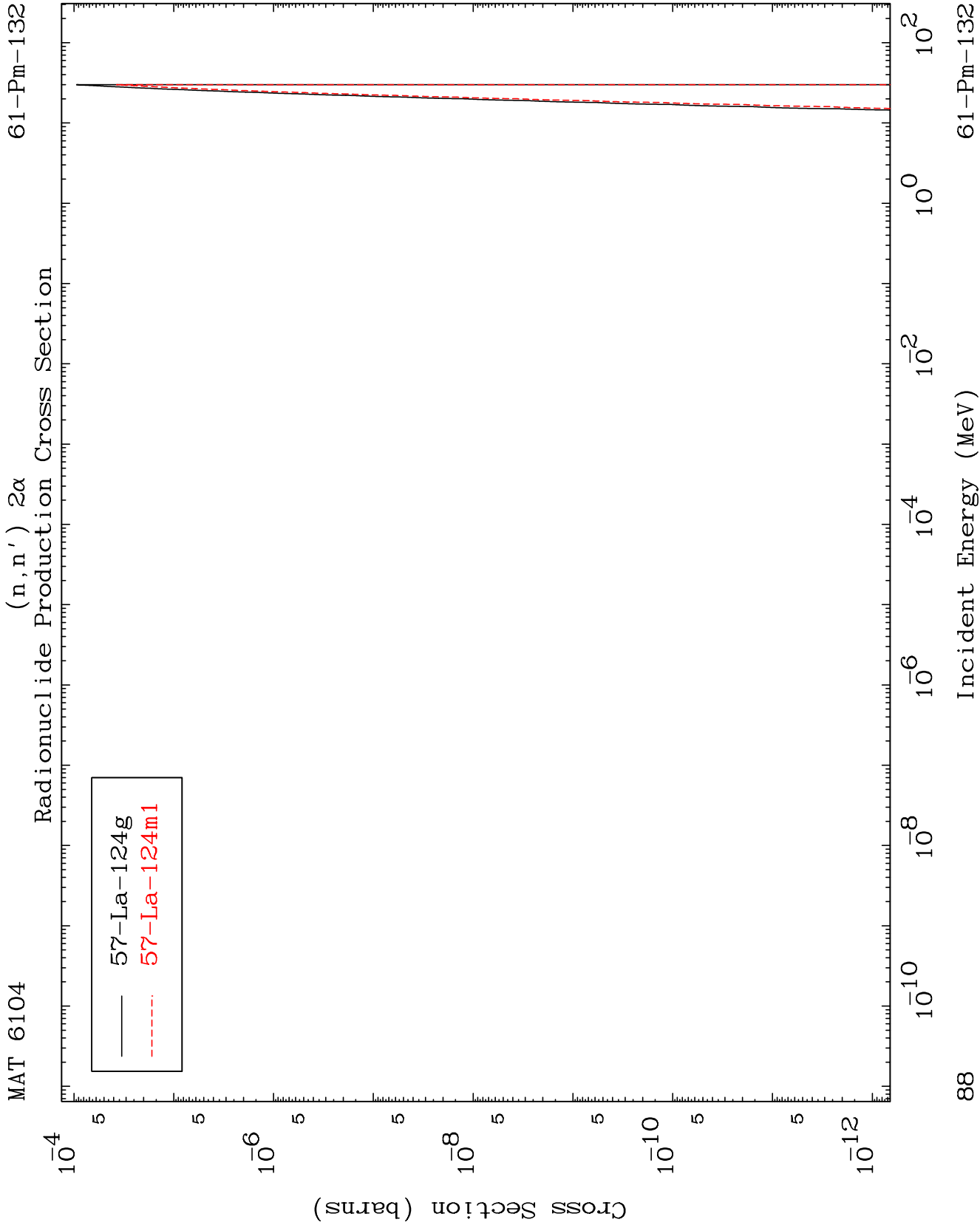
MAT 6104

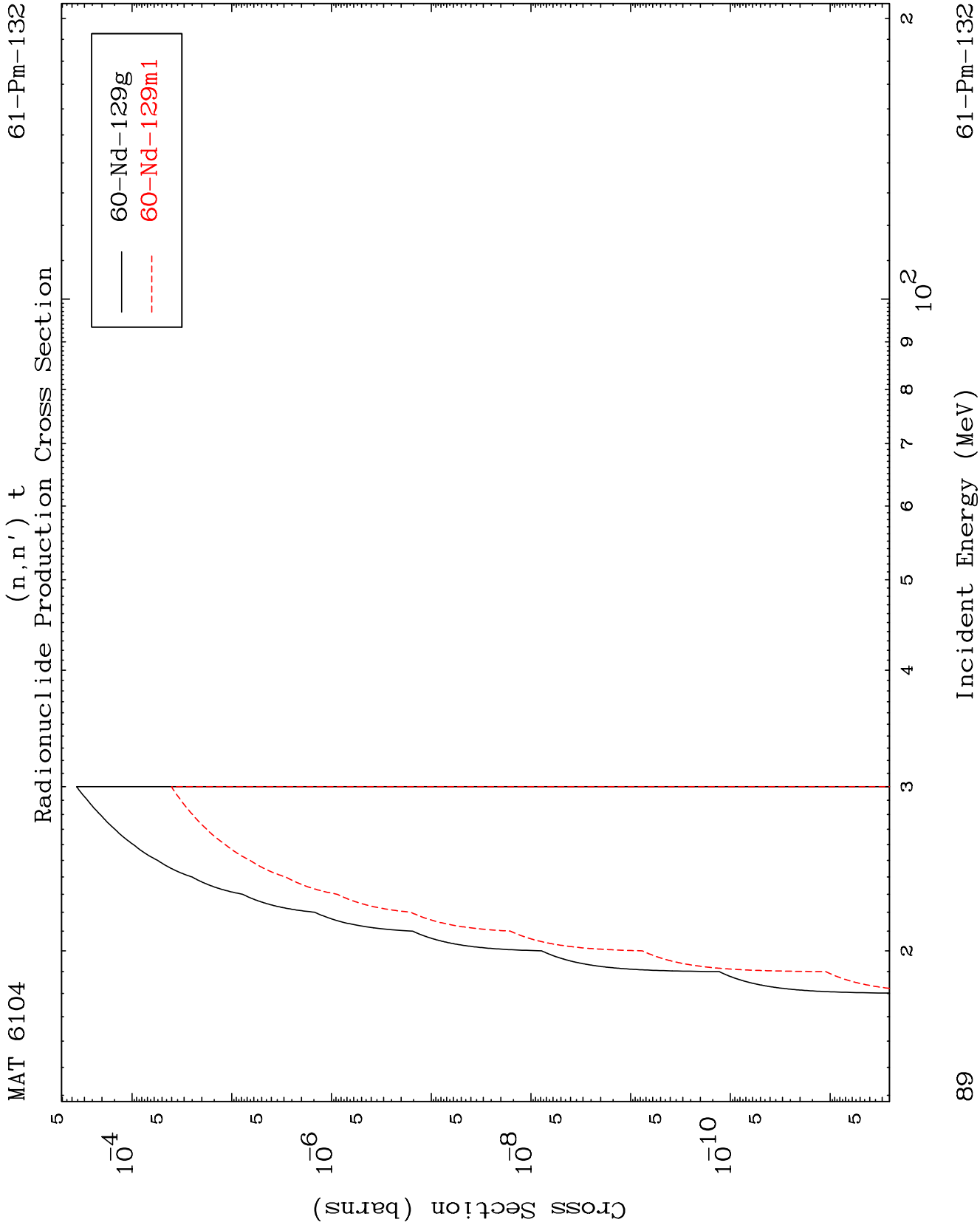
MT= 69 (n, n') Level
Legendre Coefficients

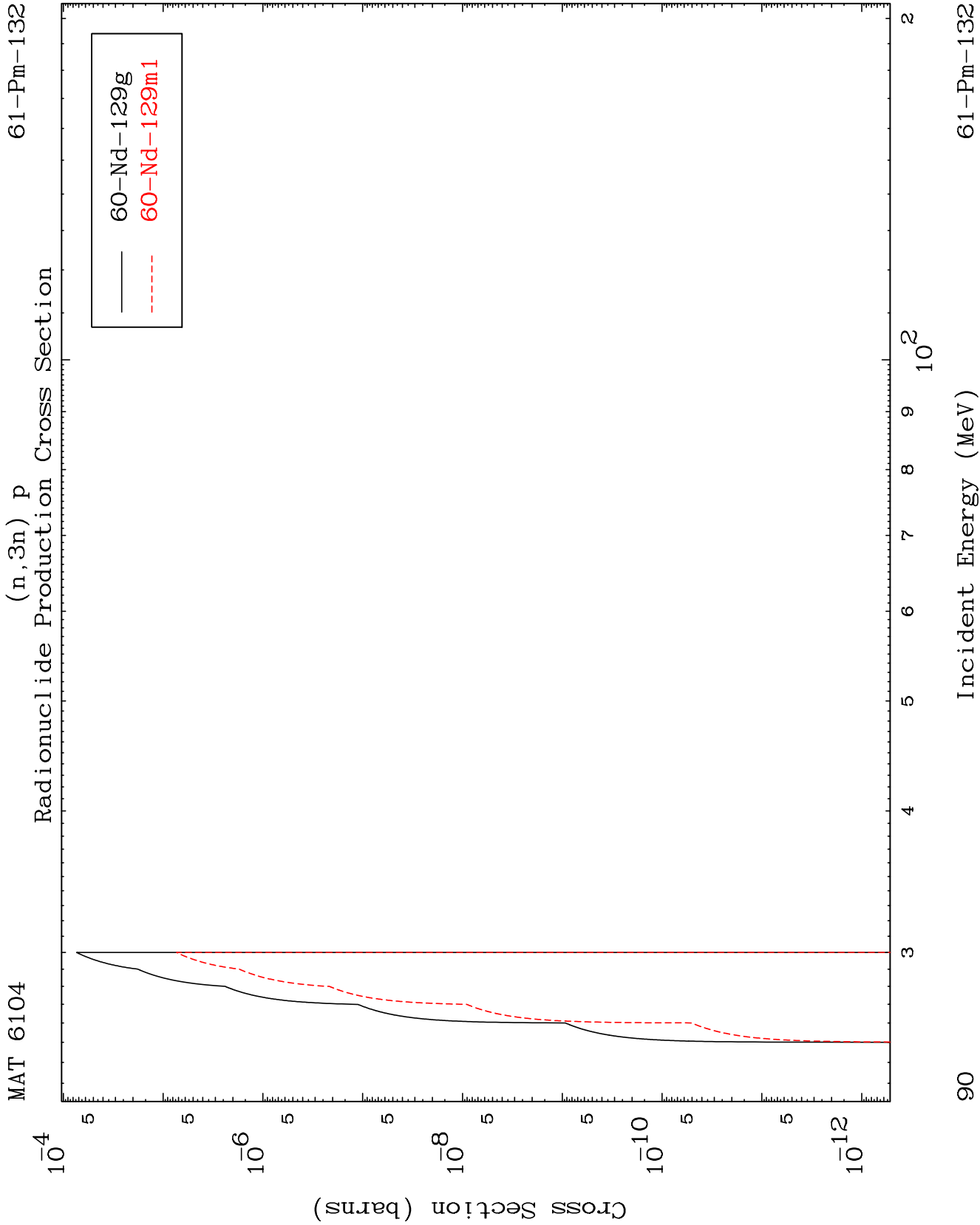
61-Pm-132

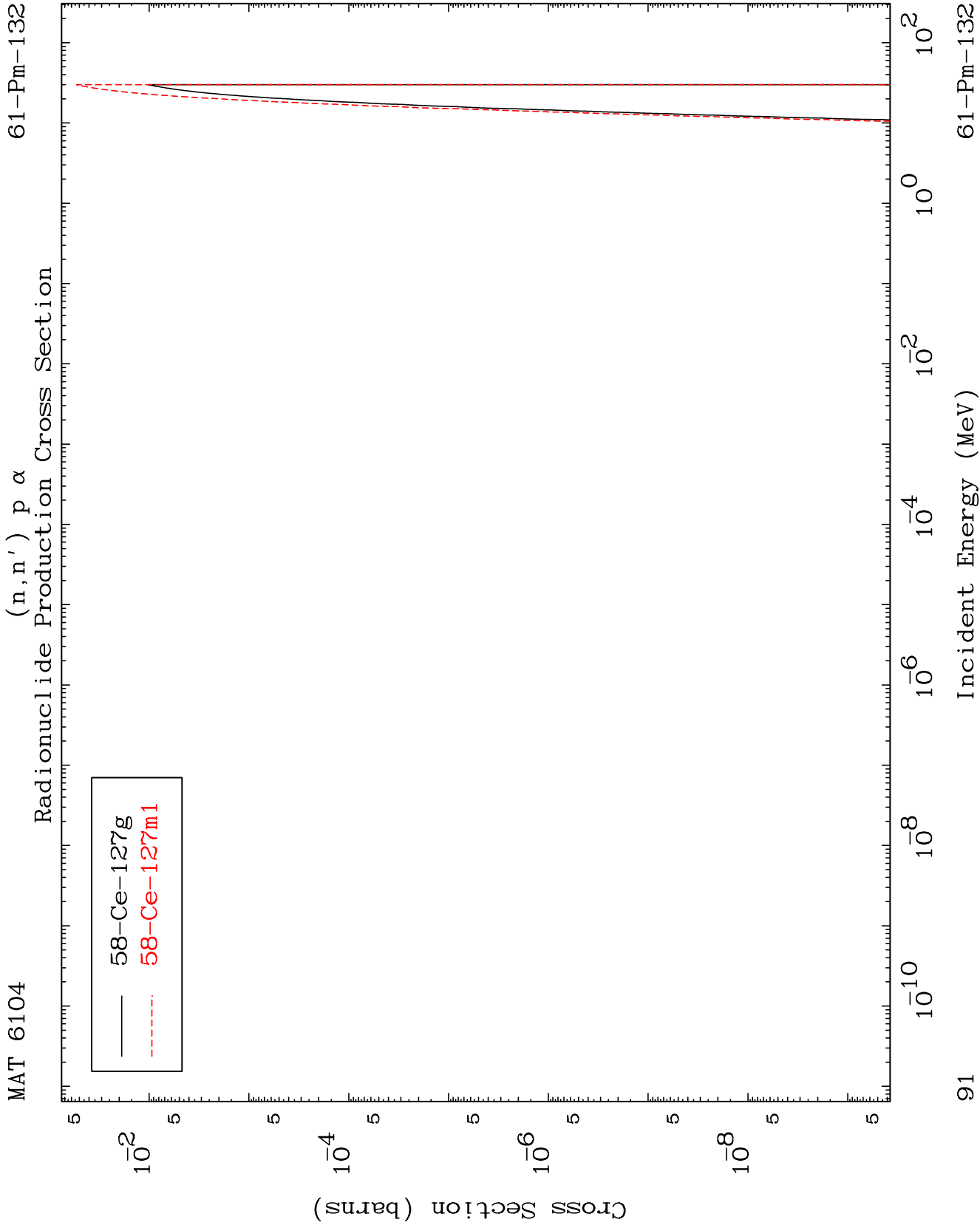


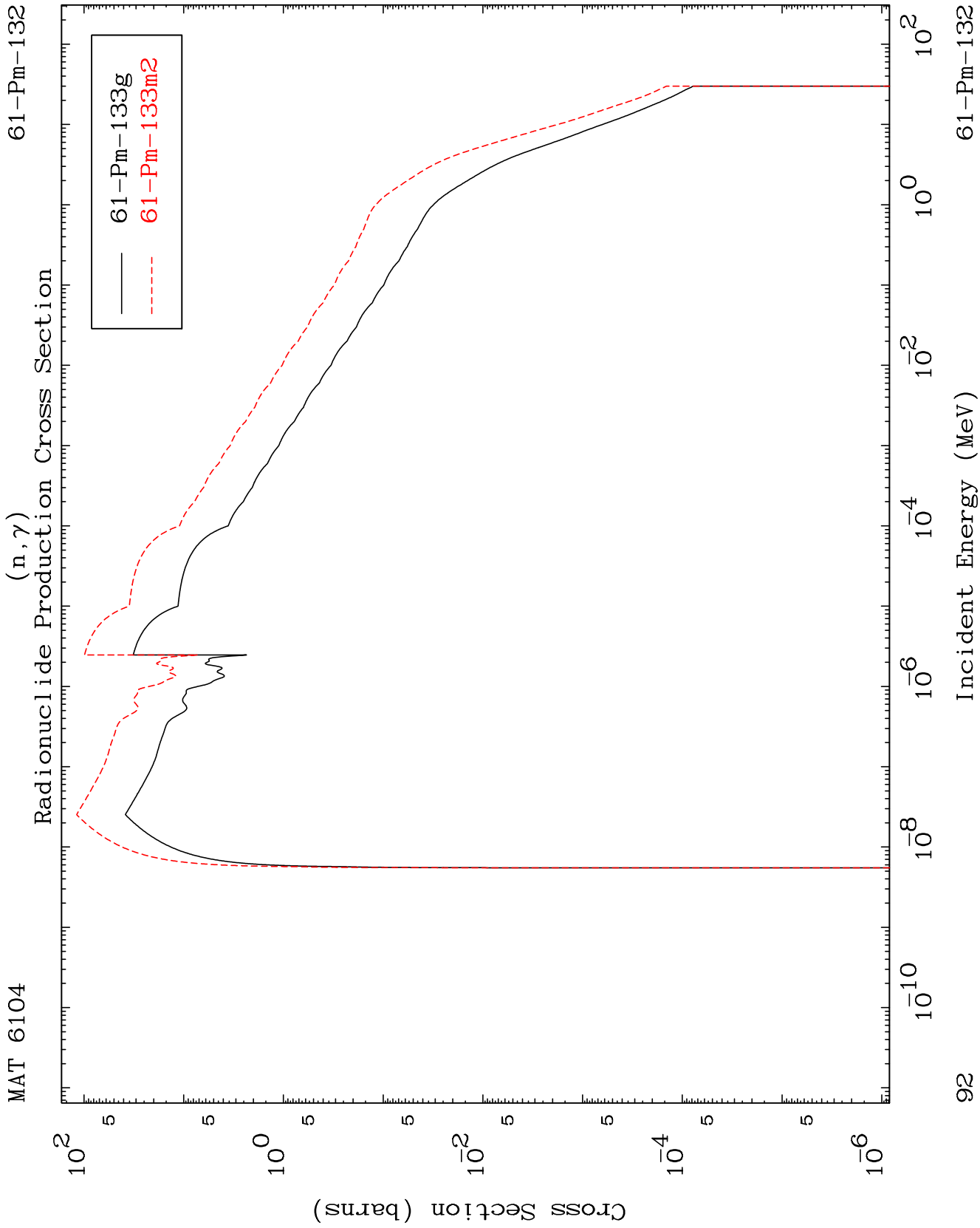




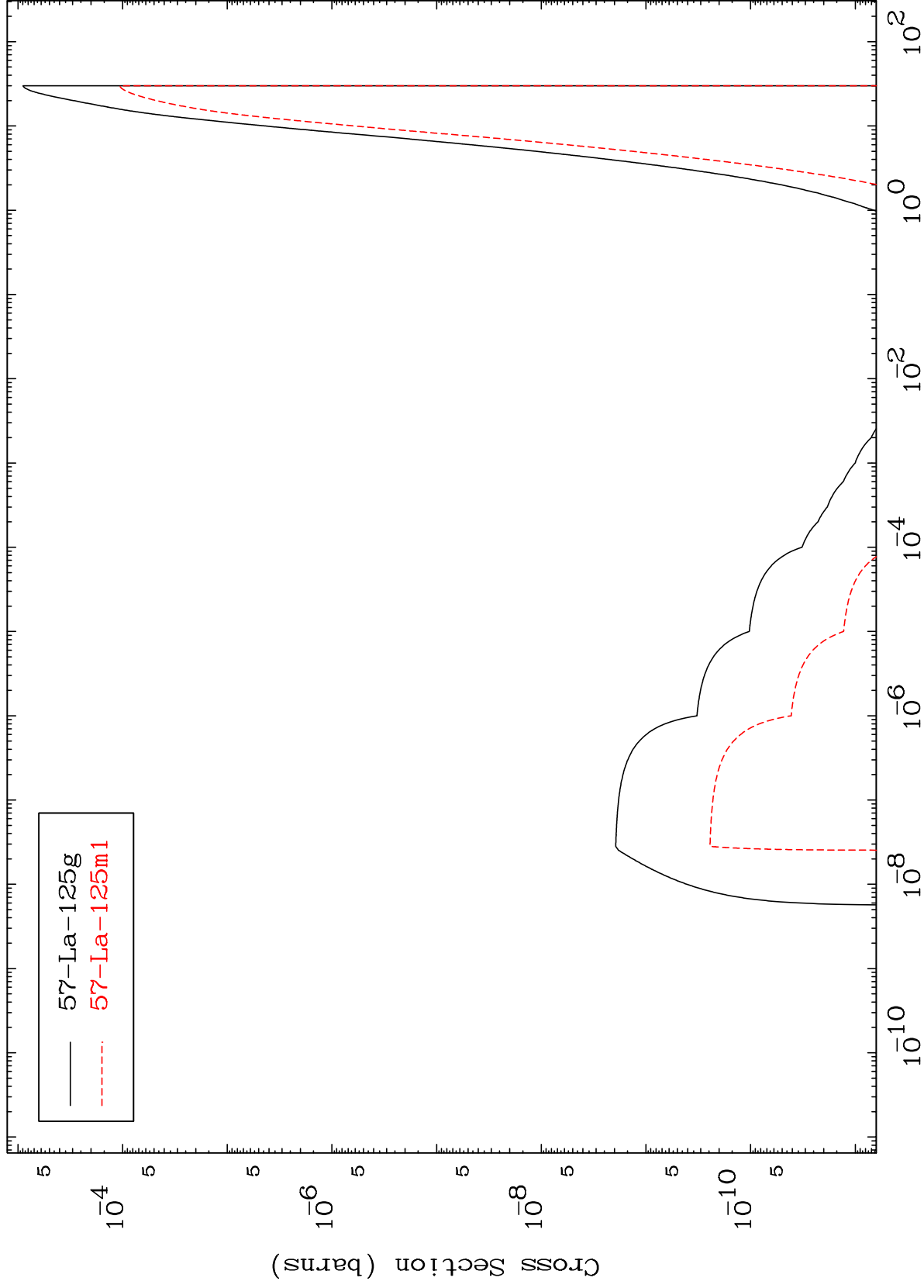




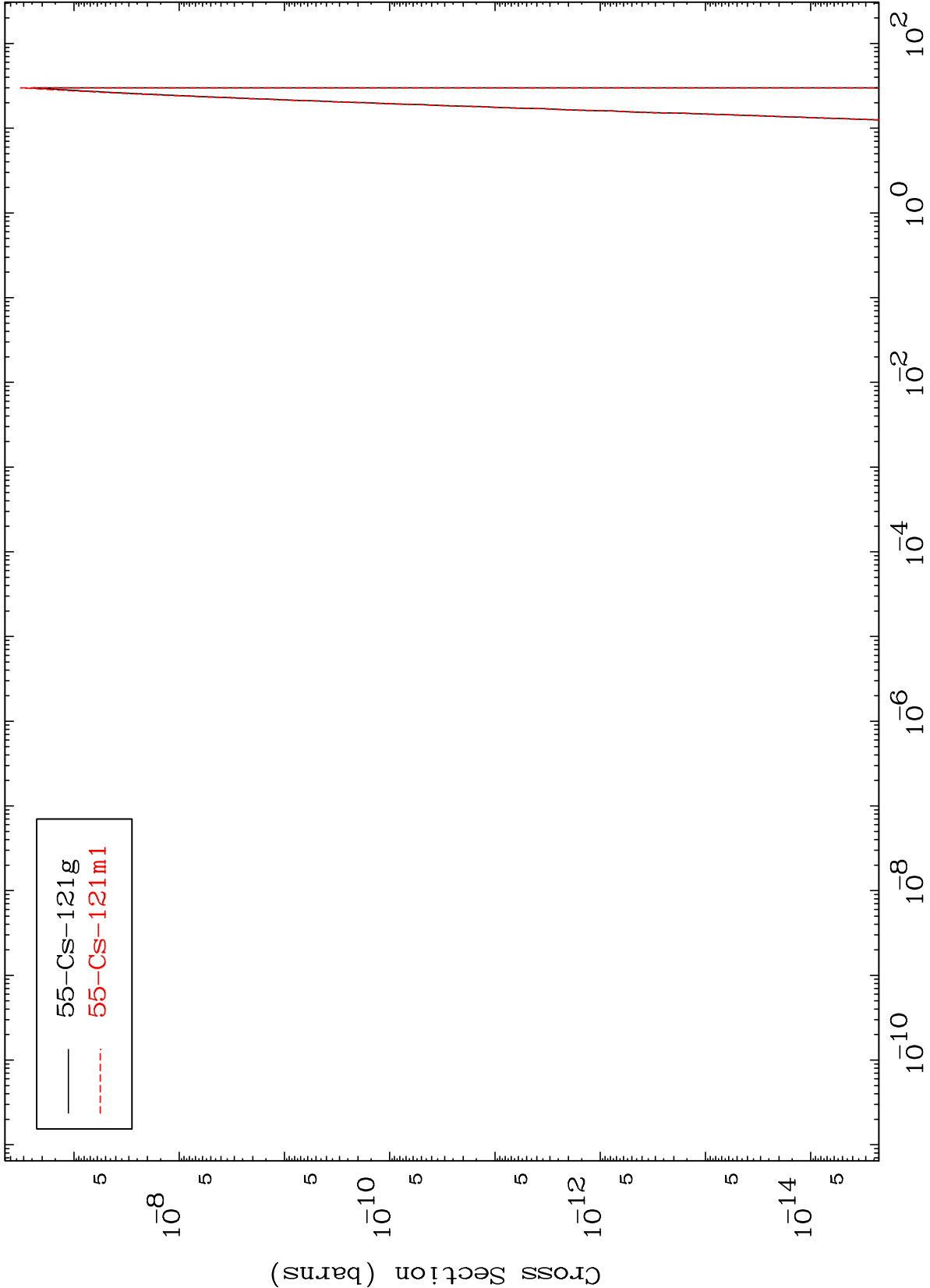




Radionuclide Production Cross Section
(n,2α)



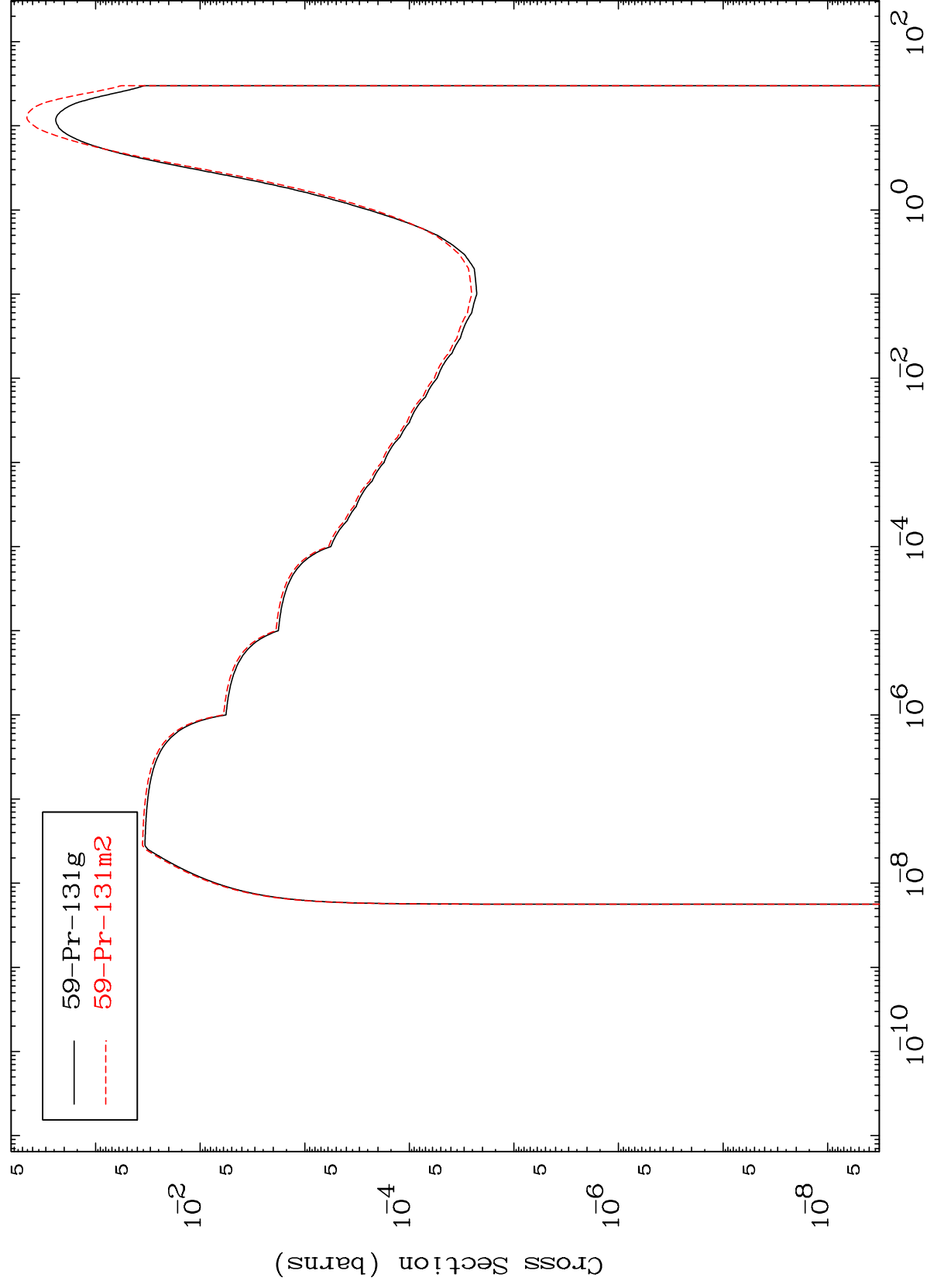
(n,3α)
Radionuclide Production Cross Section



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(n,2p)
Radionuclide Production Cross Section



95

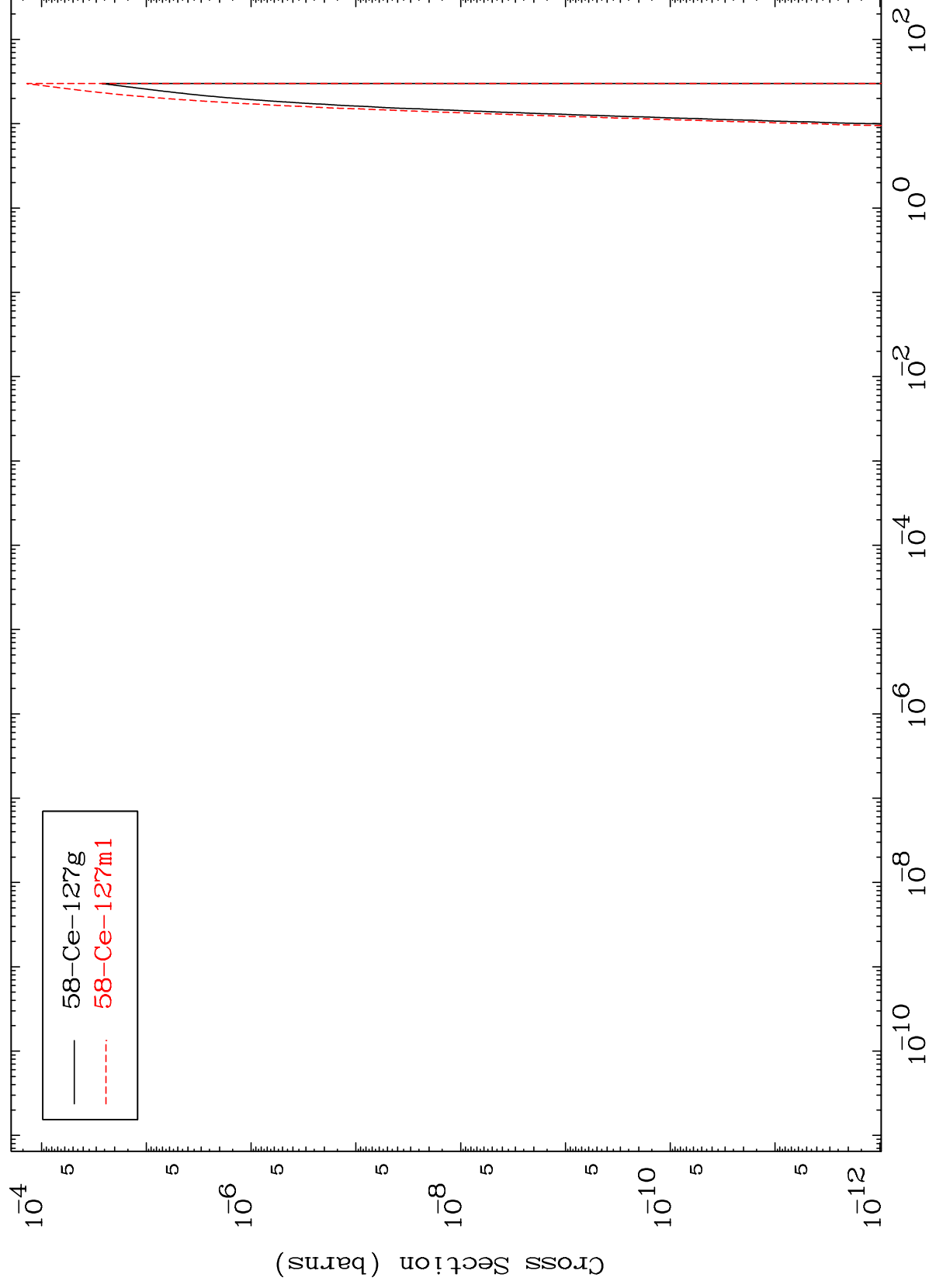
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(n,d) α

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Radionuclide Production Cross Section



96

Incident Energy (MeV)

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