

Program EVALPLOT
(Version 2021-1)

by

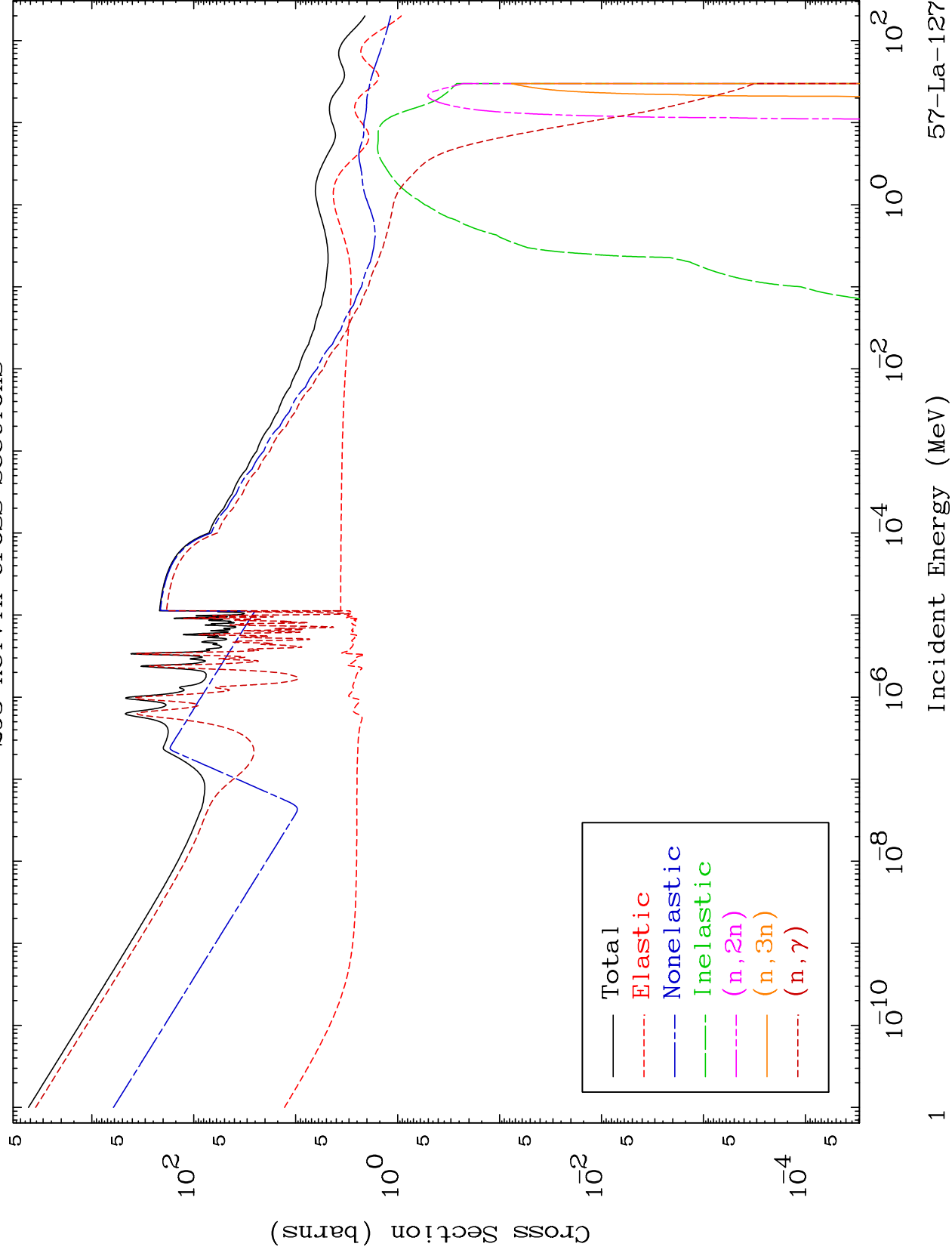
Dermott E. Cullen
(Present Contact Information)

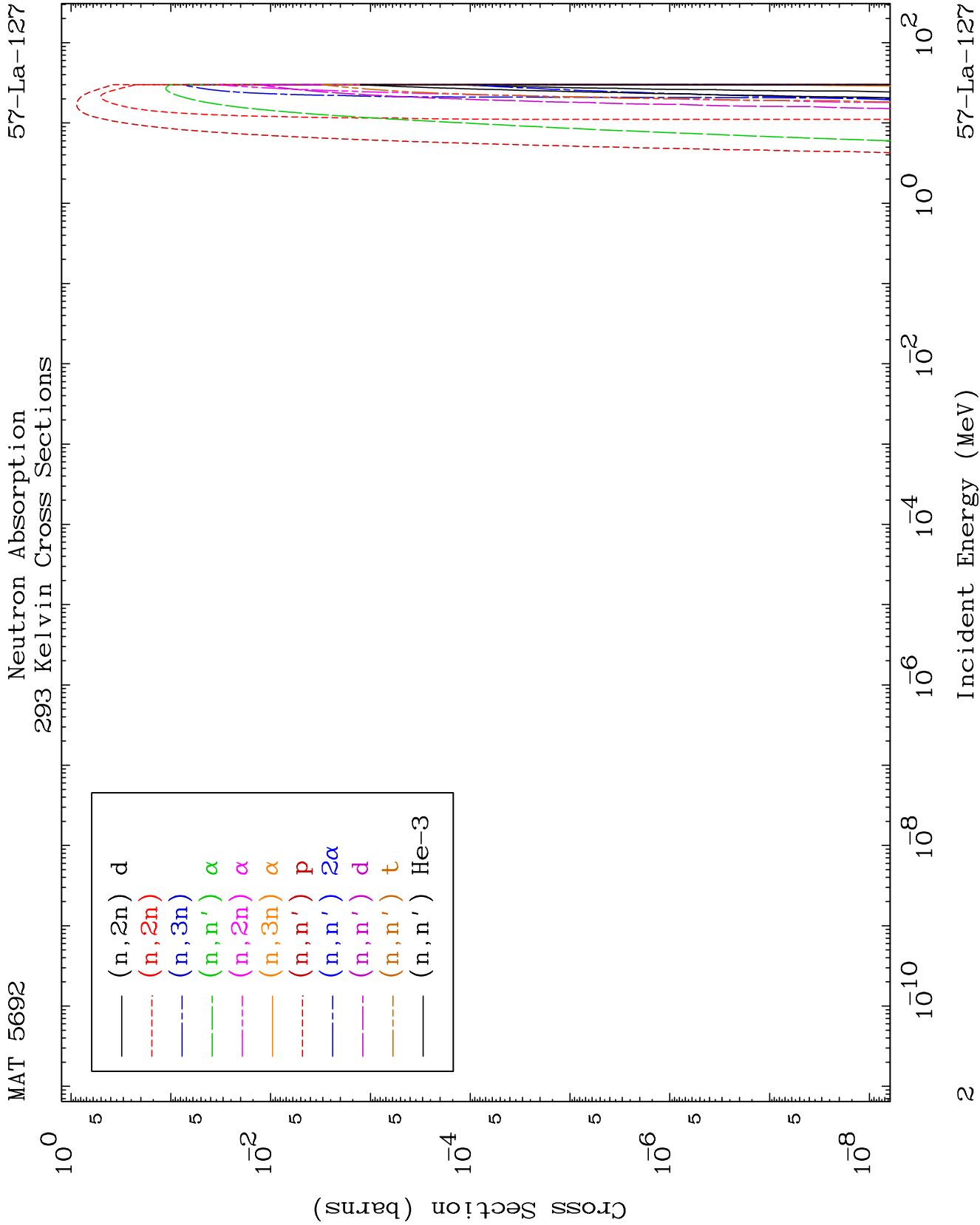
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

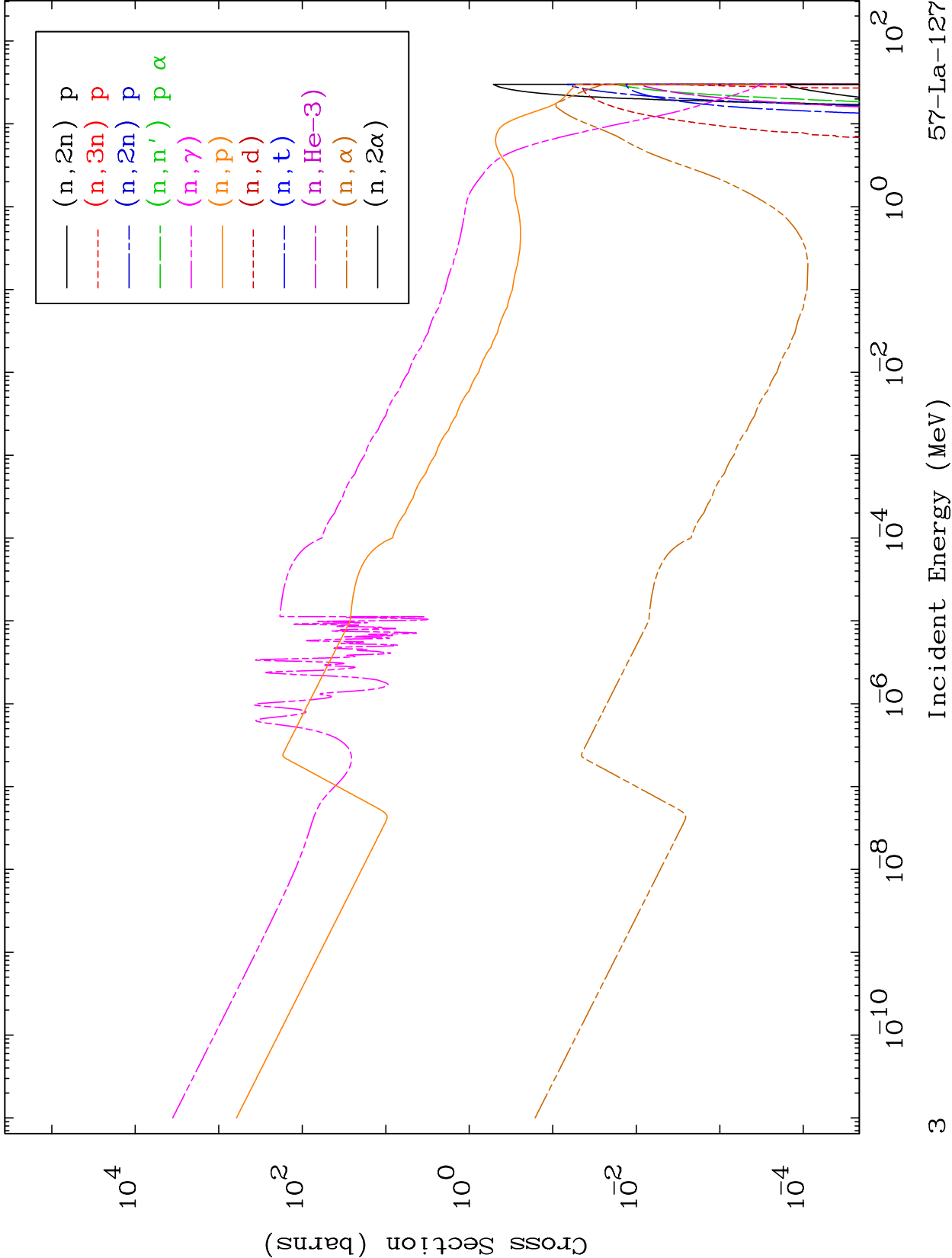
Tele: 925-443-1911

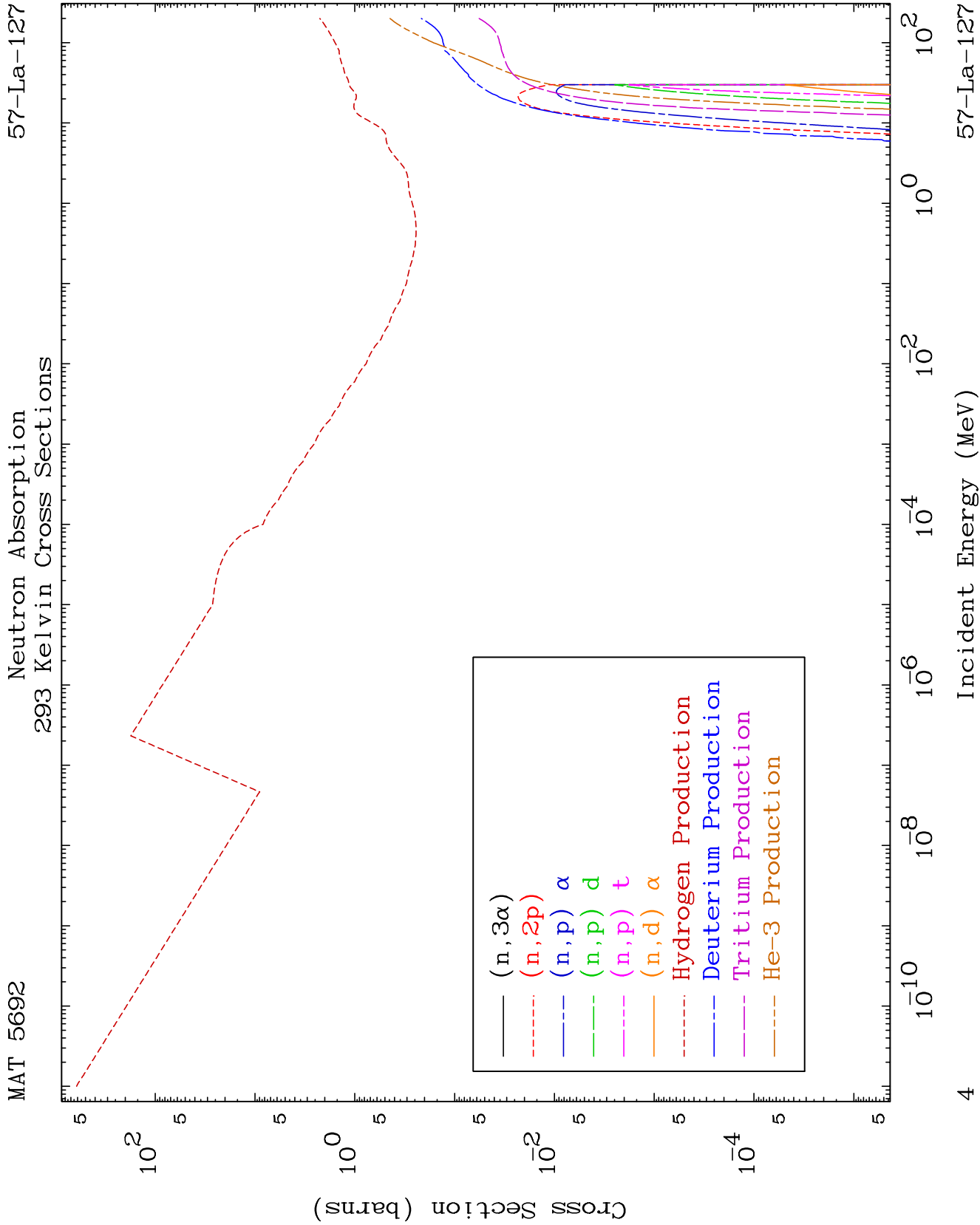
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

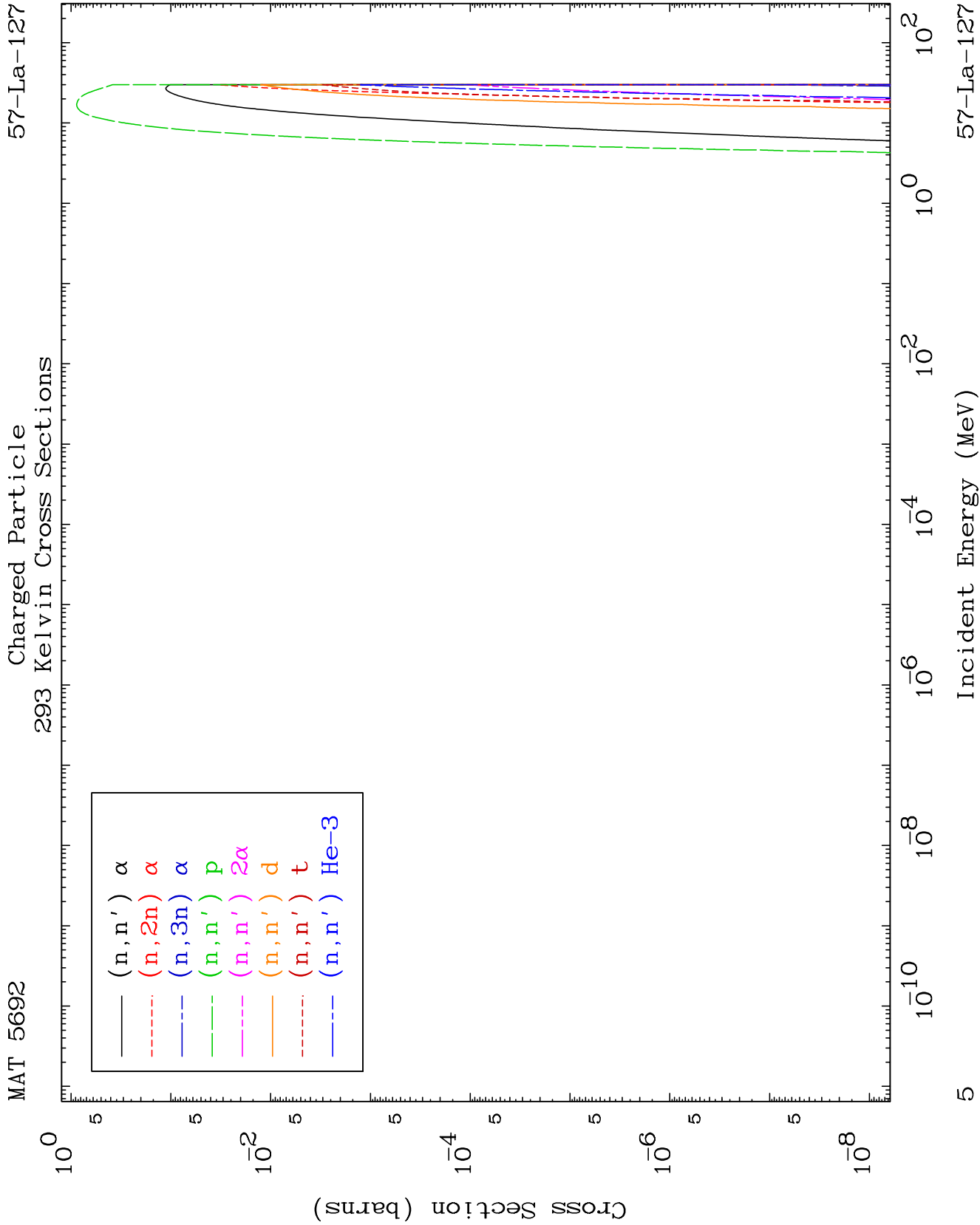
Press Mouse Button to Start

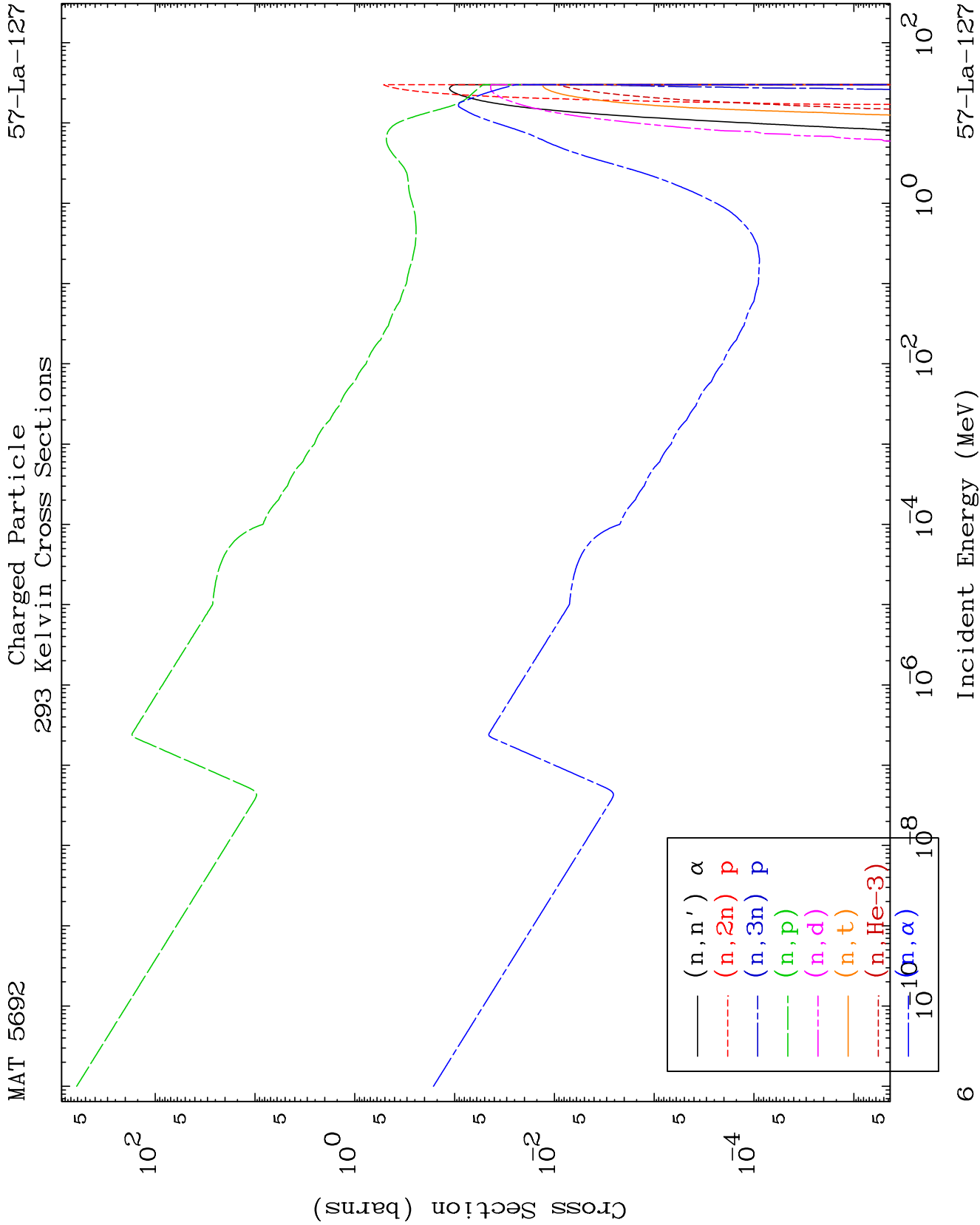


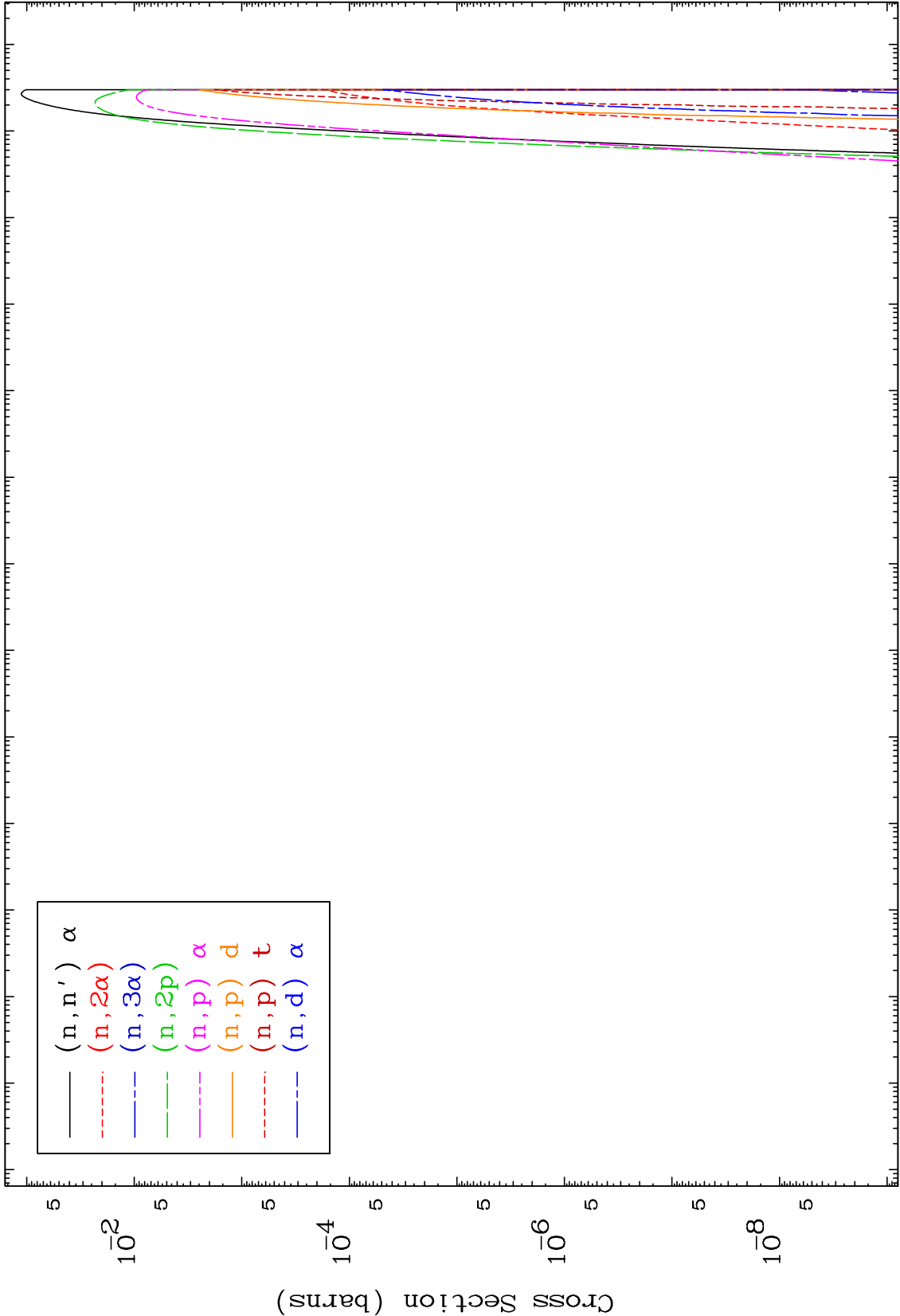


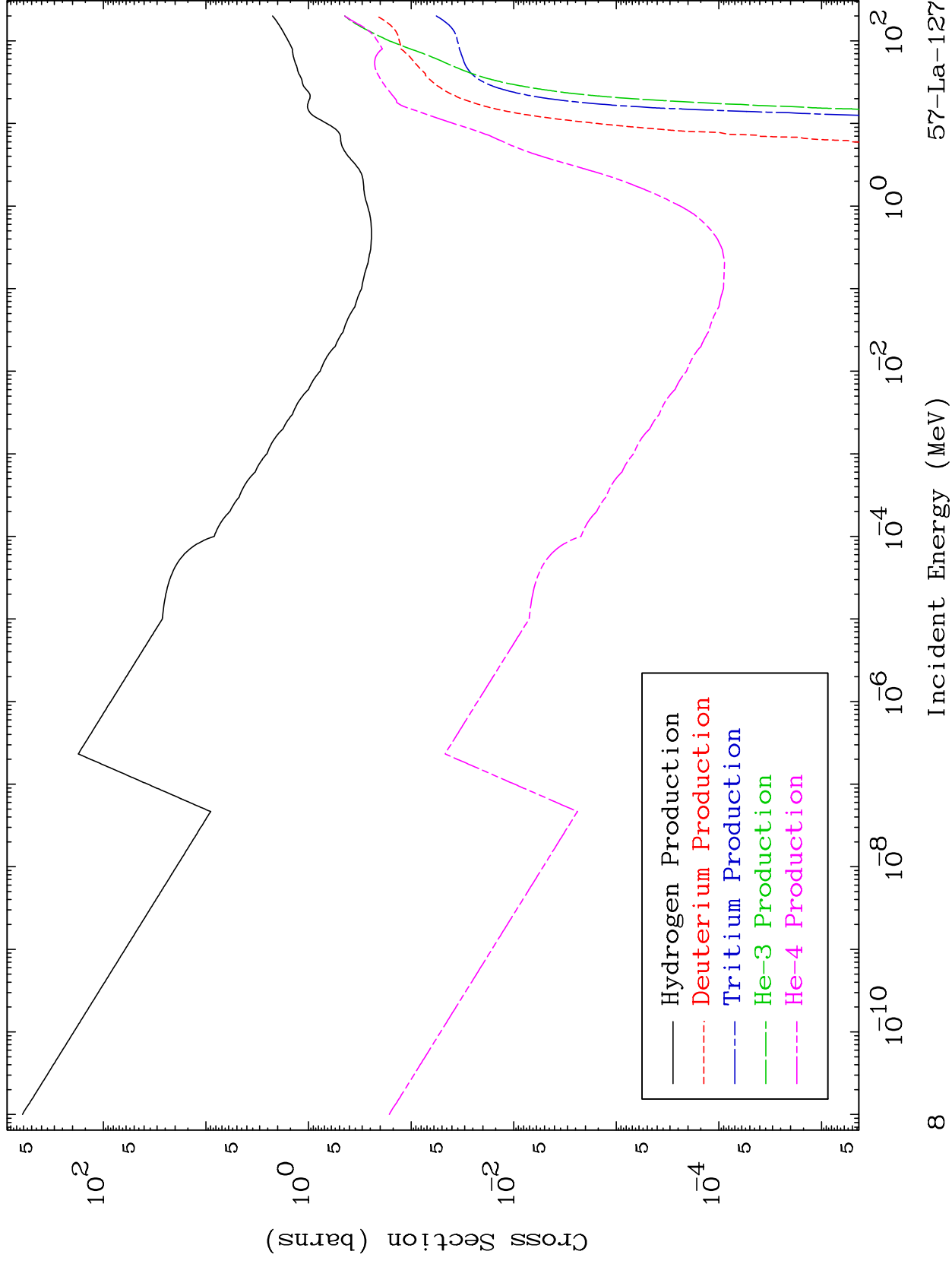


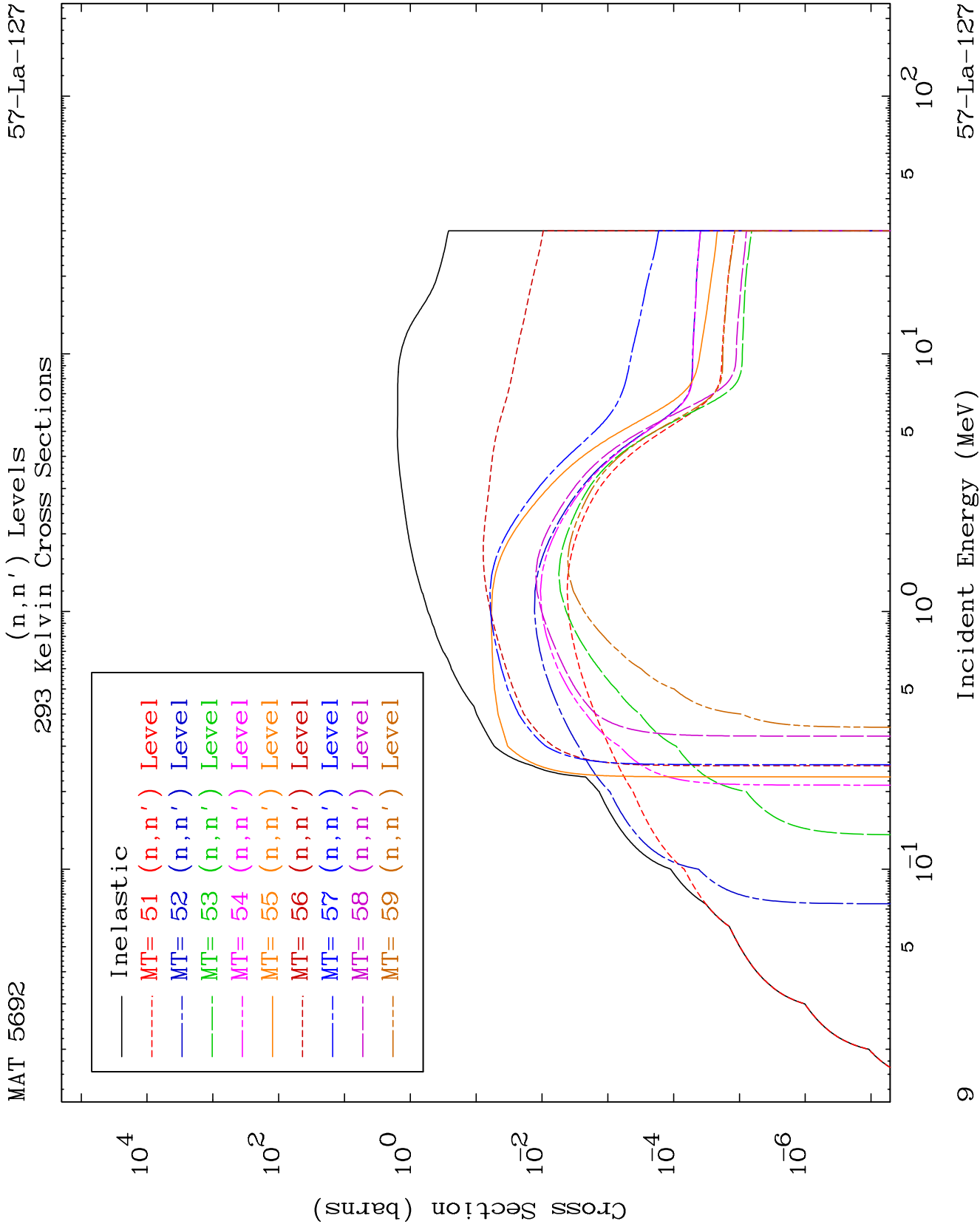


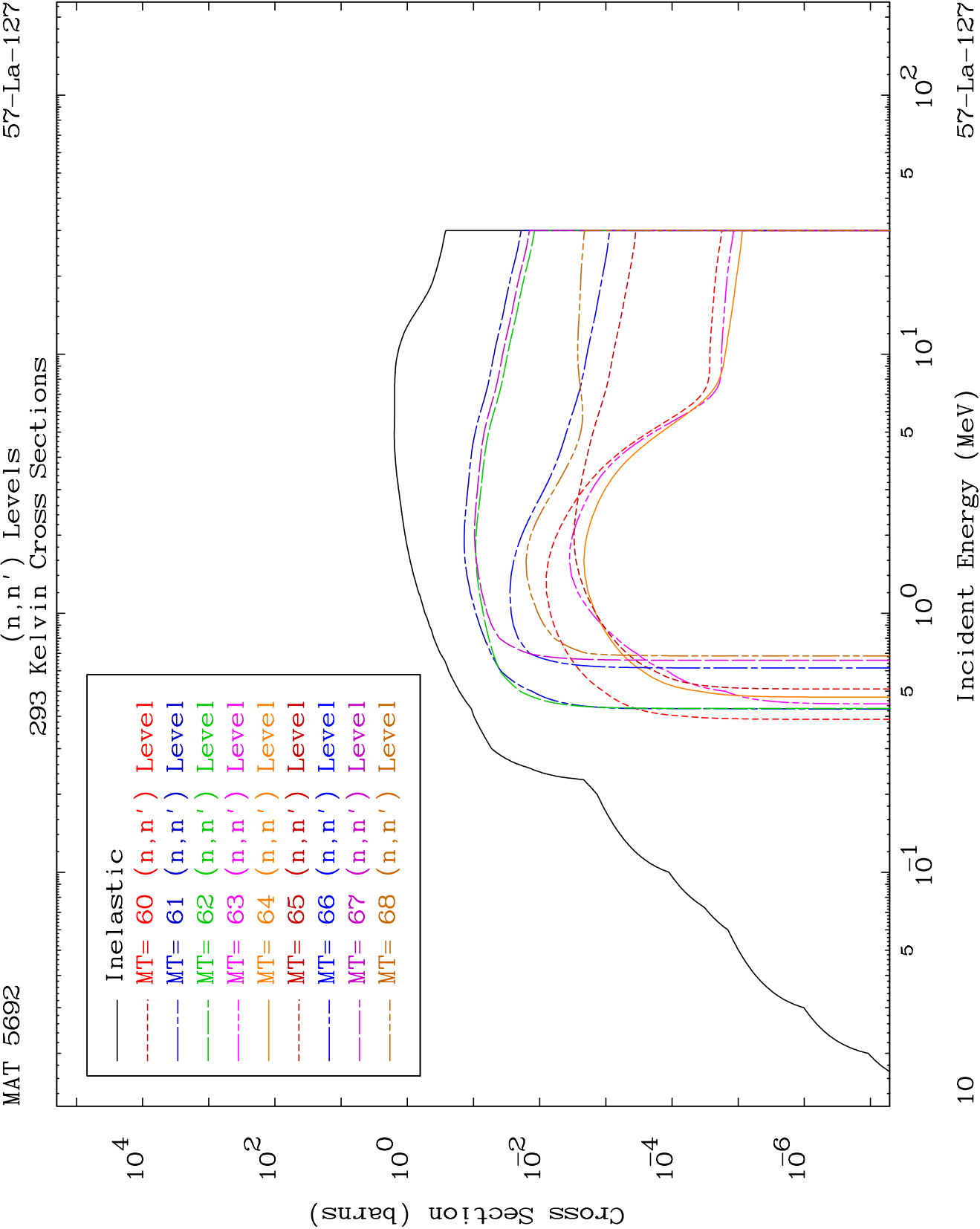


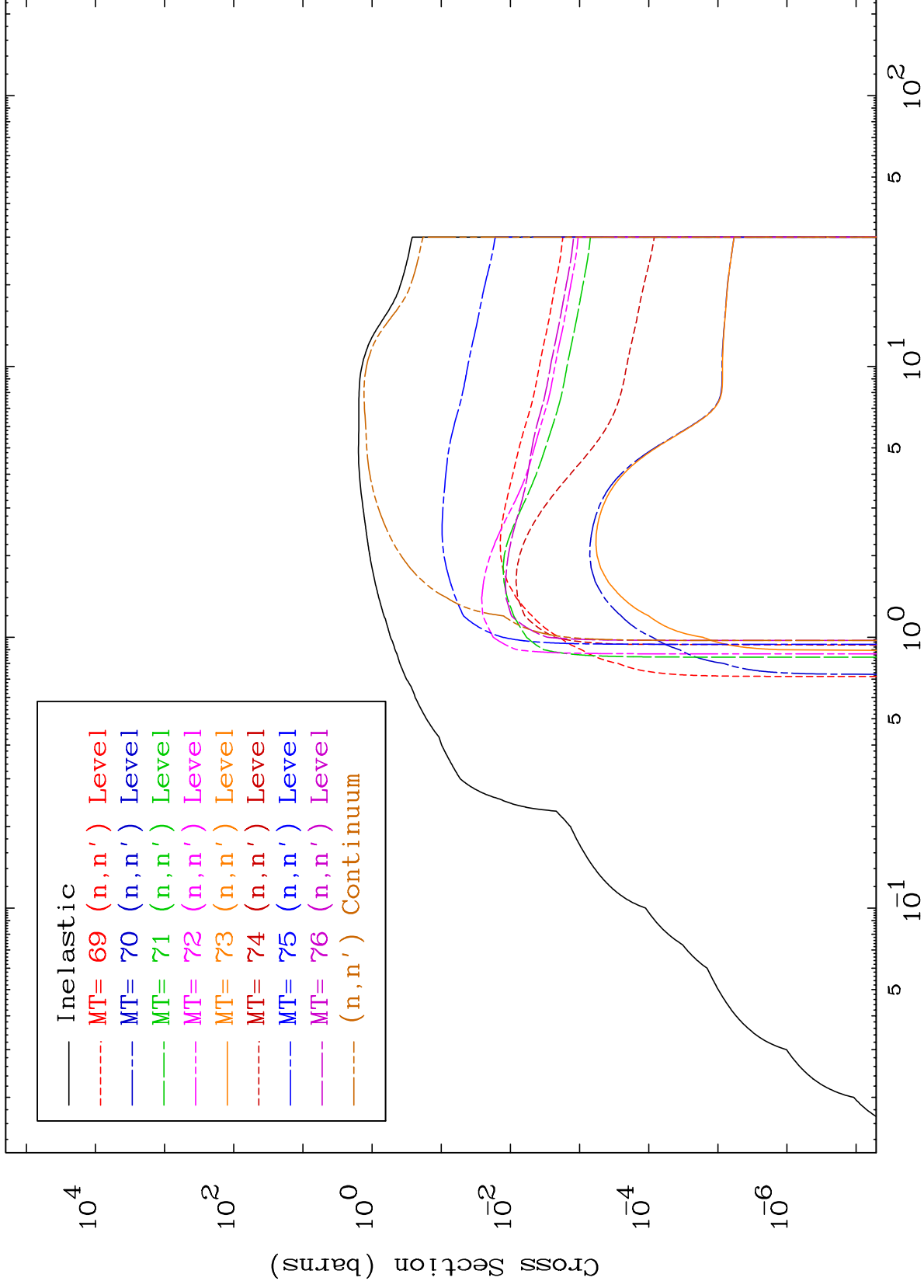


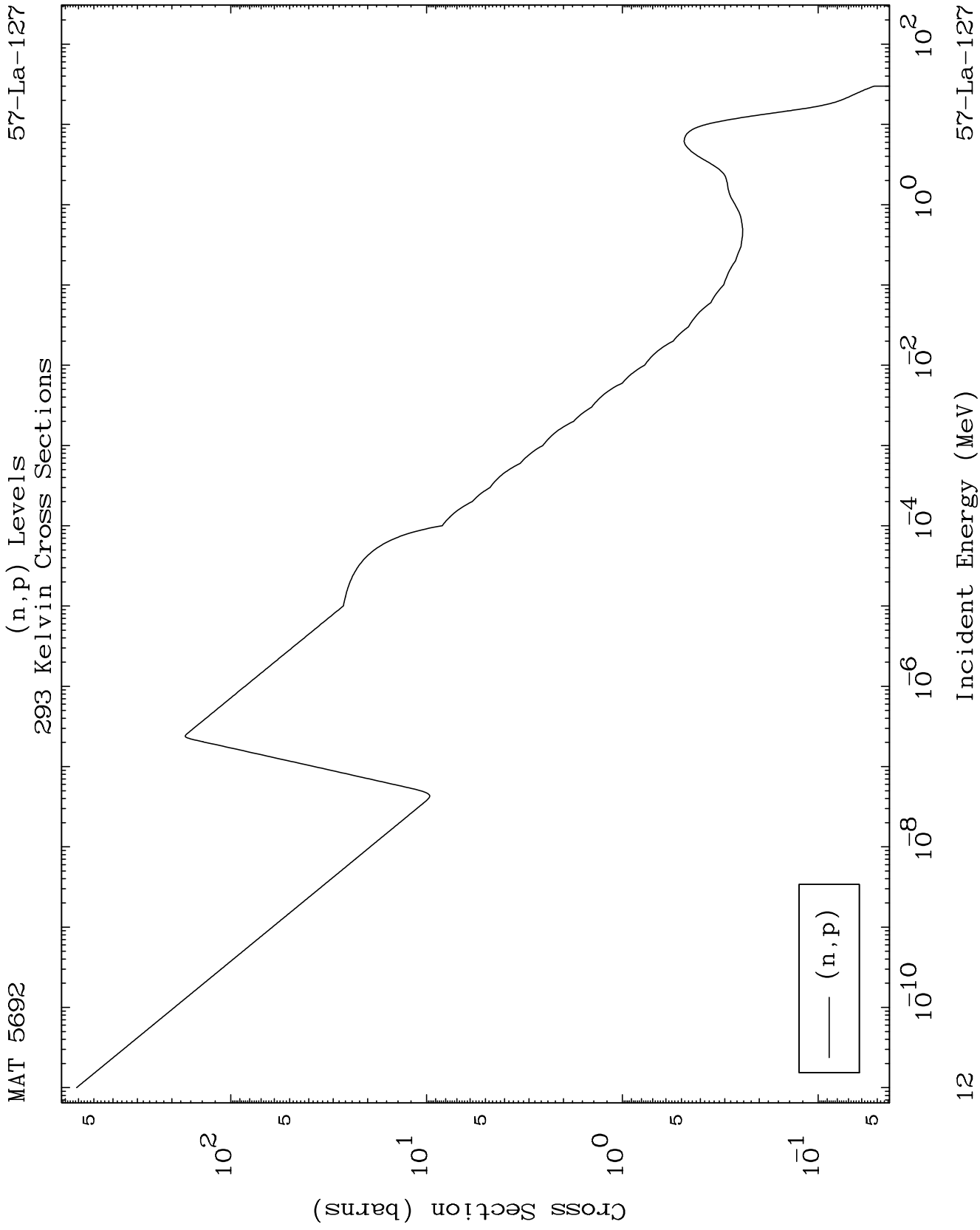








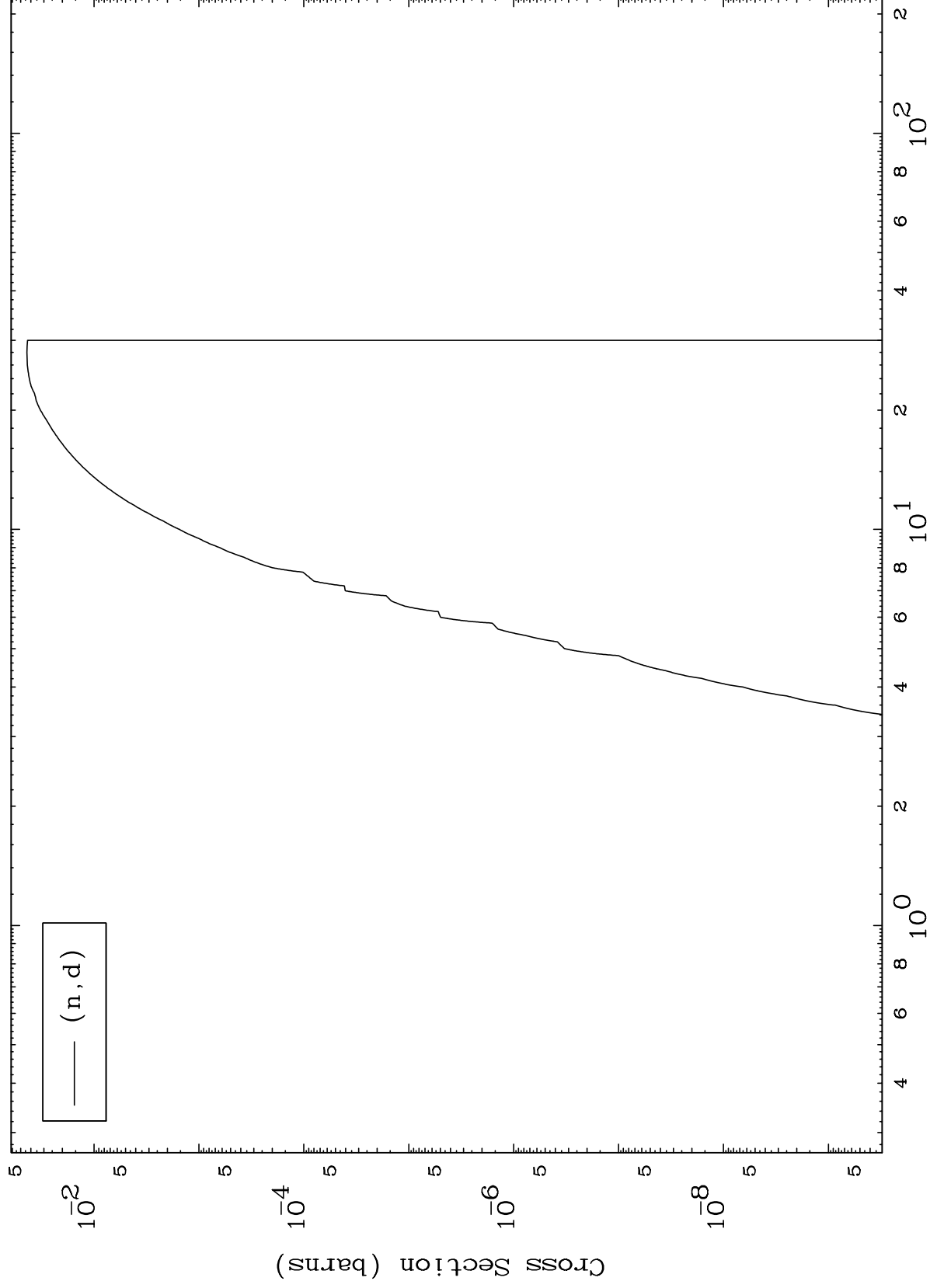




MAT 5692

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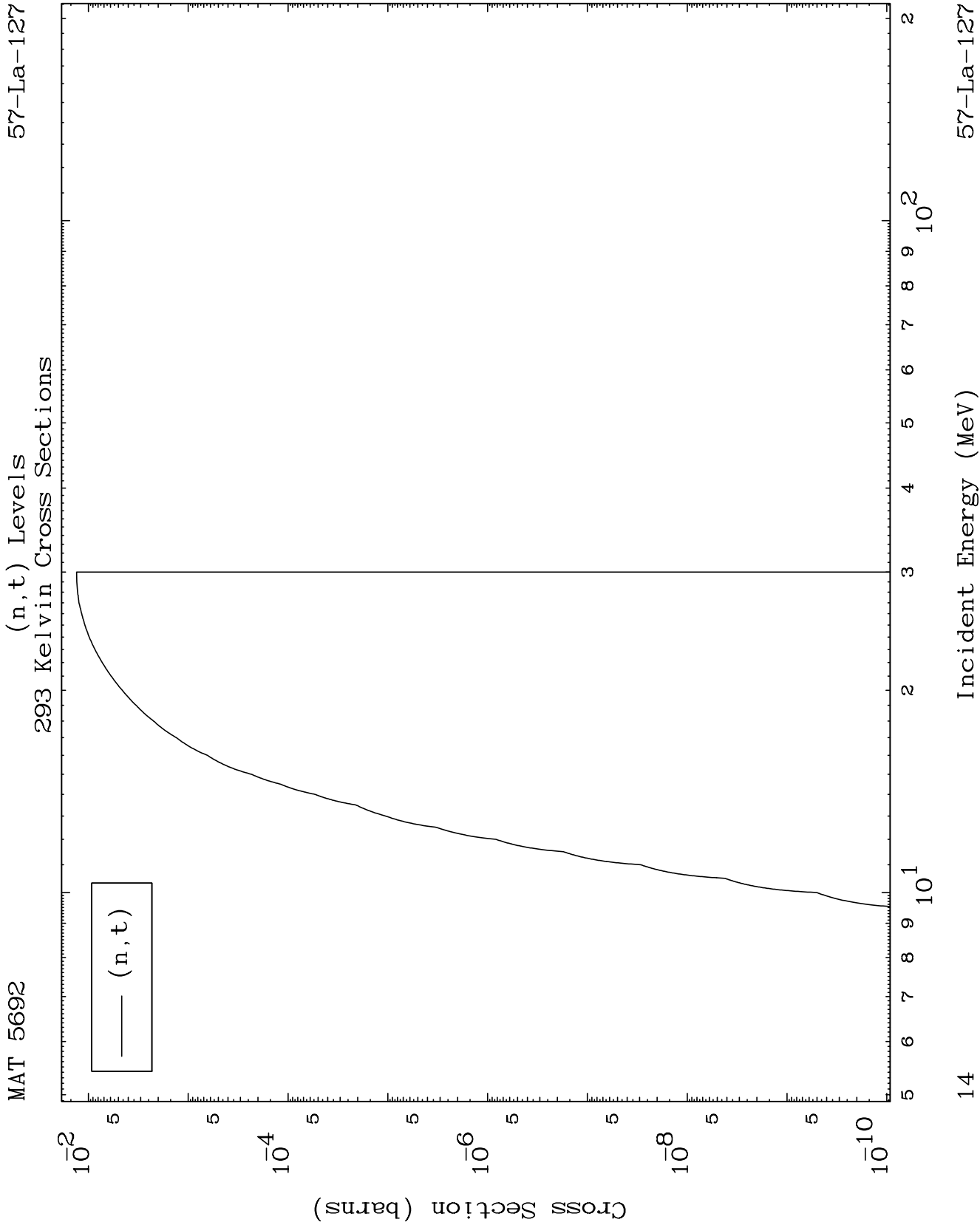
(n,d) Levels
293 Kelvin Cross Sections

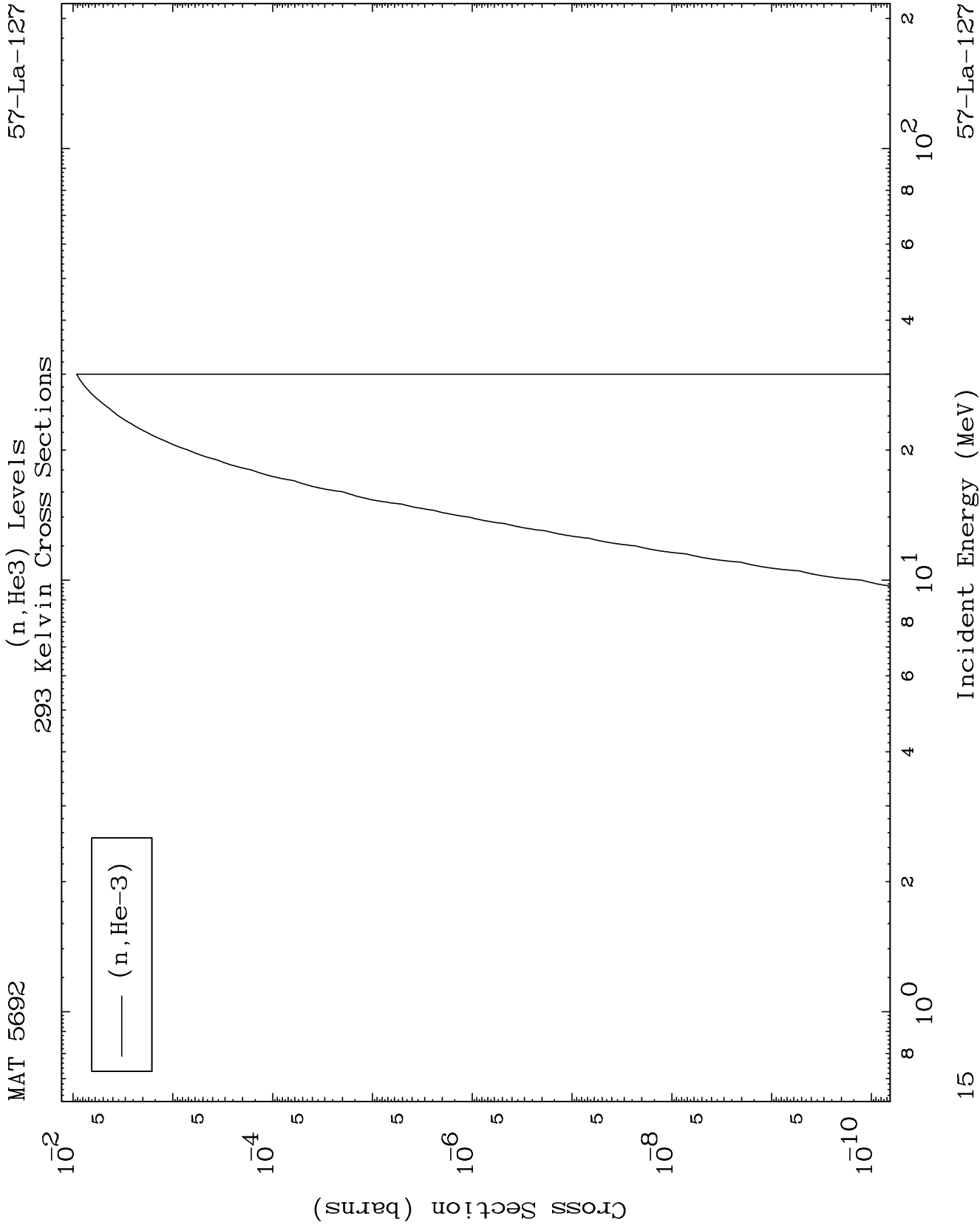


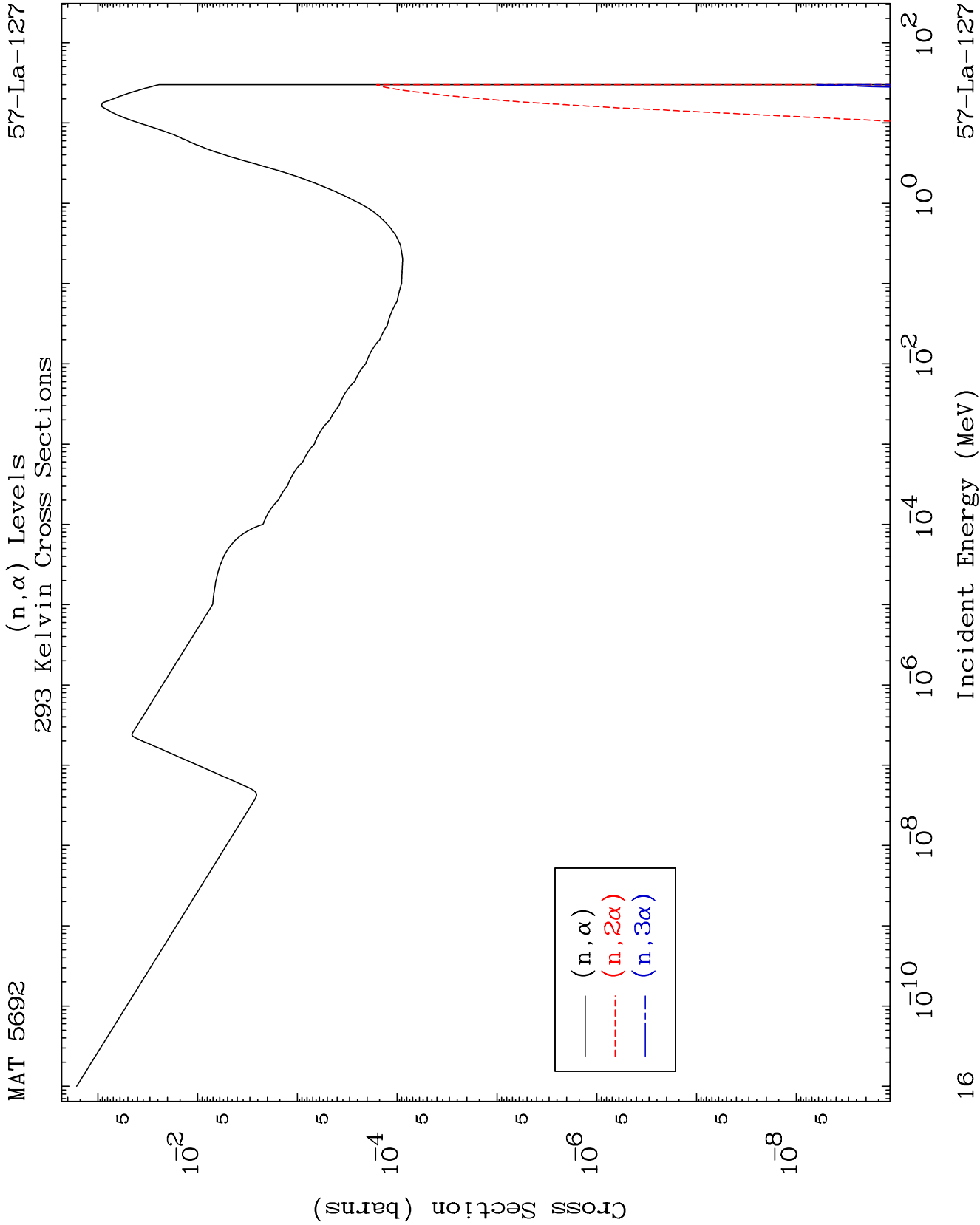
13

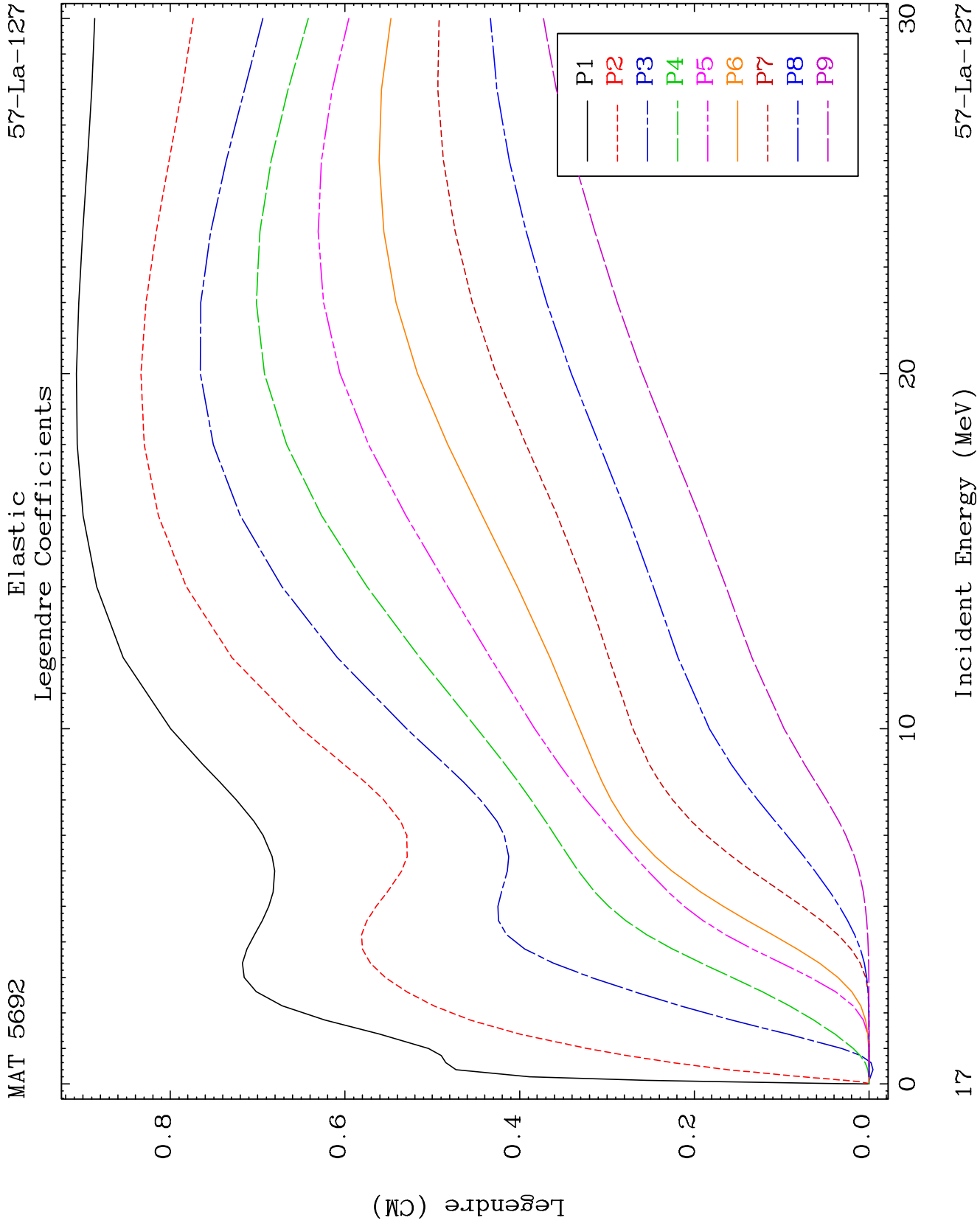
Incident Energy (MeV)

57-La-127



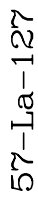






57-La-127

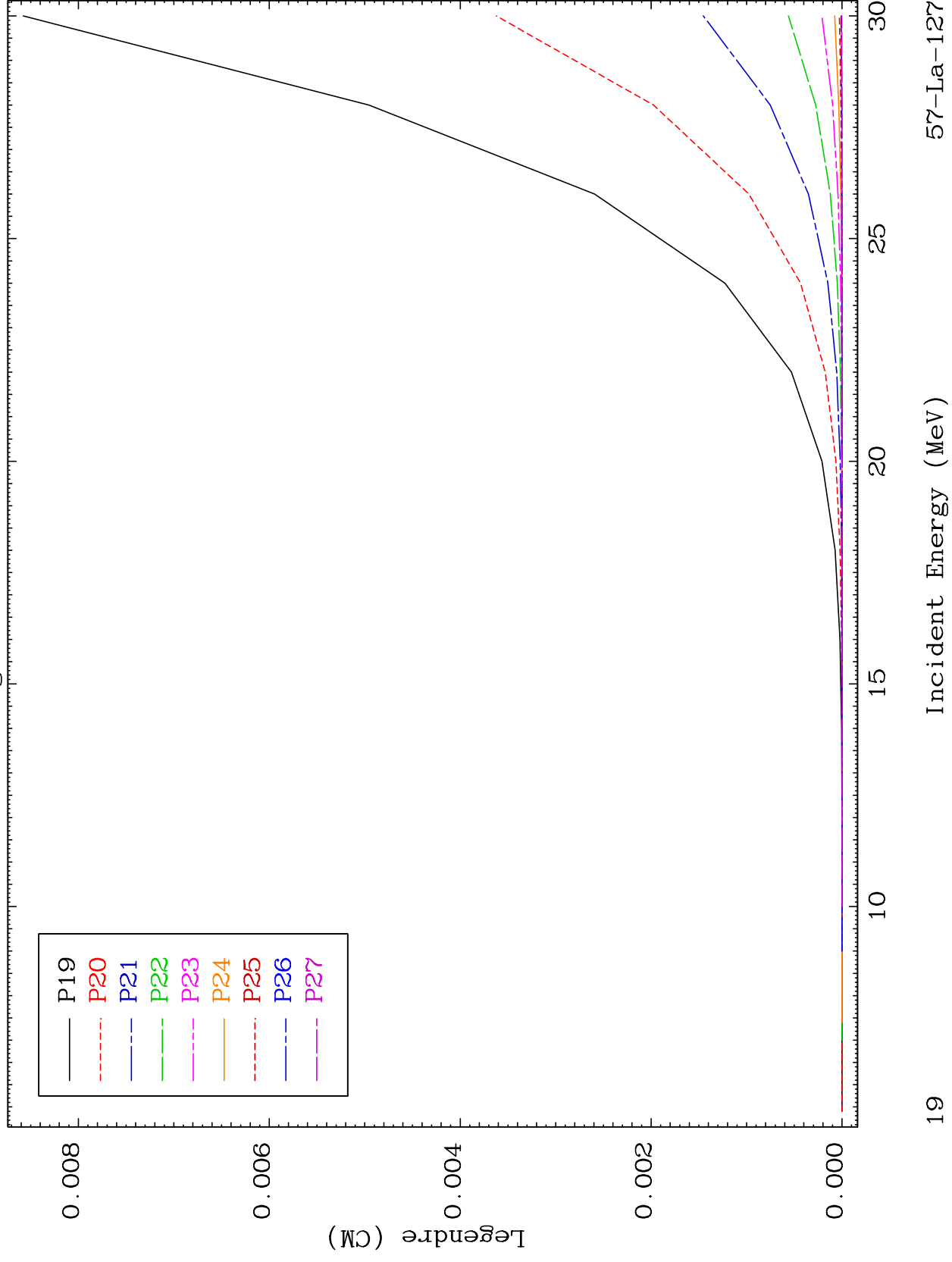
57-La-127

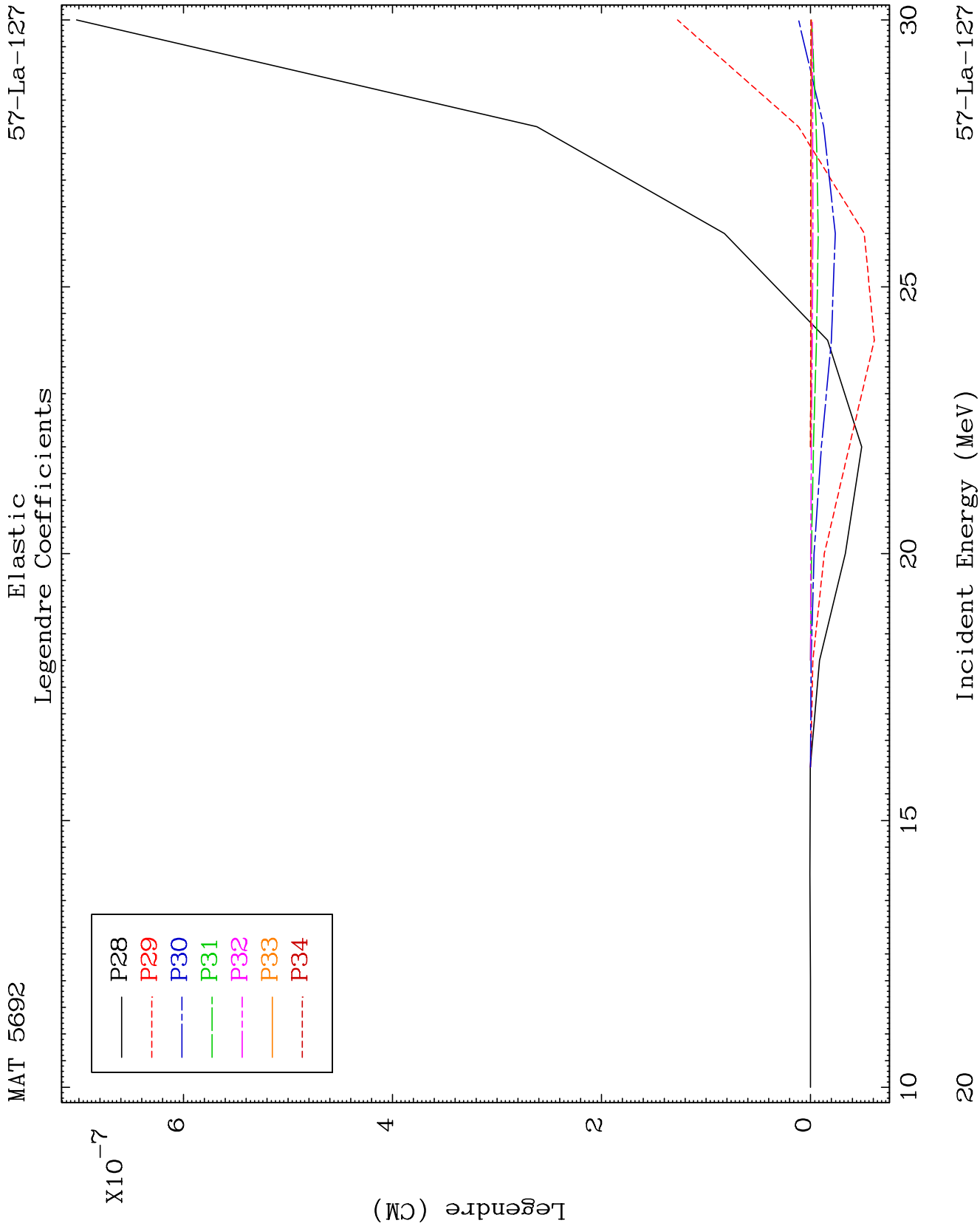


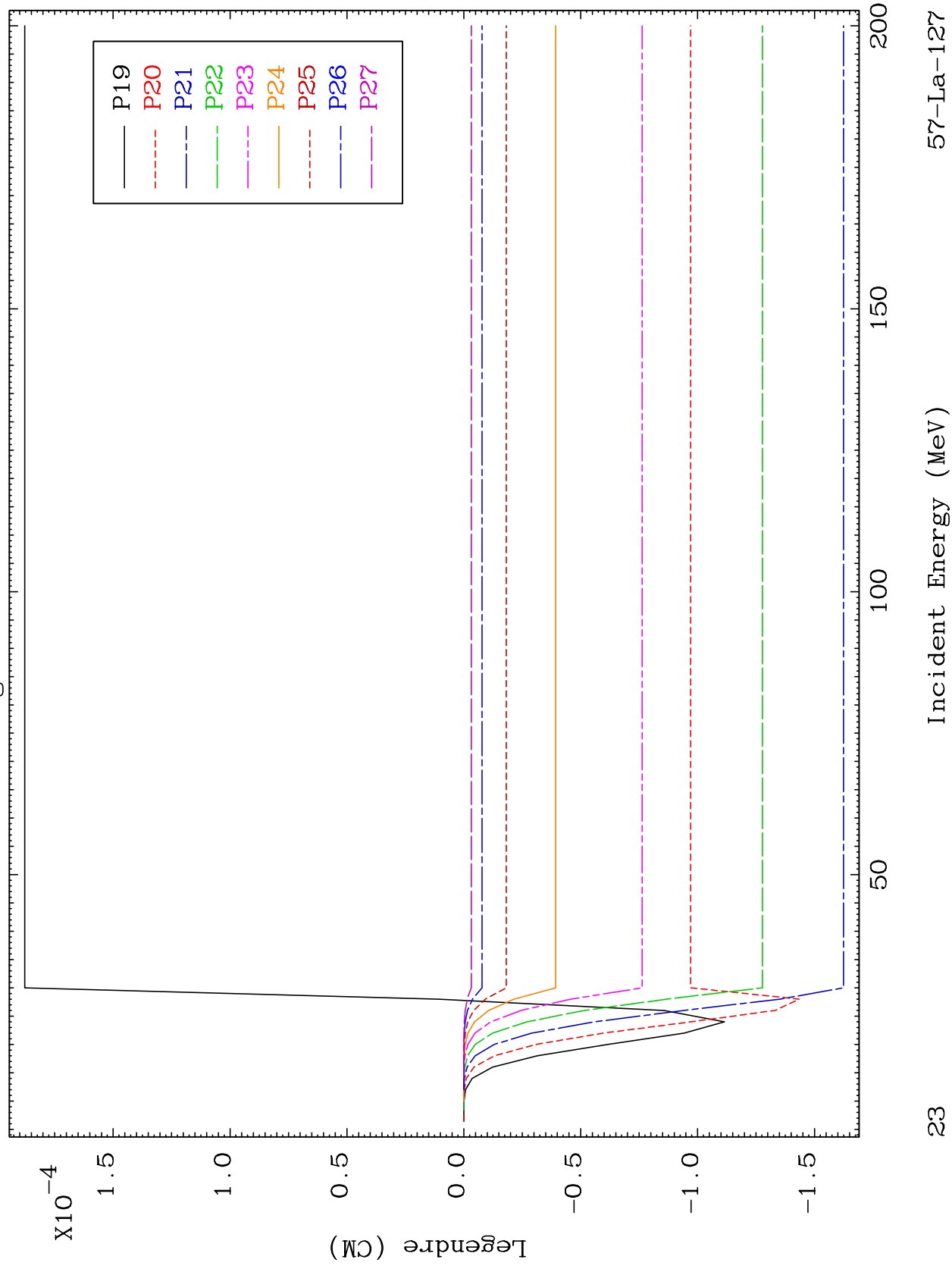
MAT 5692

Elastic Legendre Coefficients

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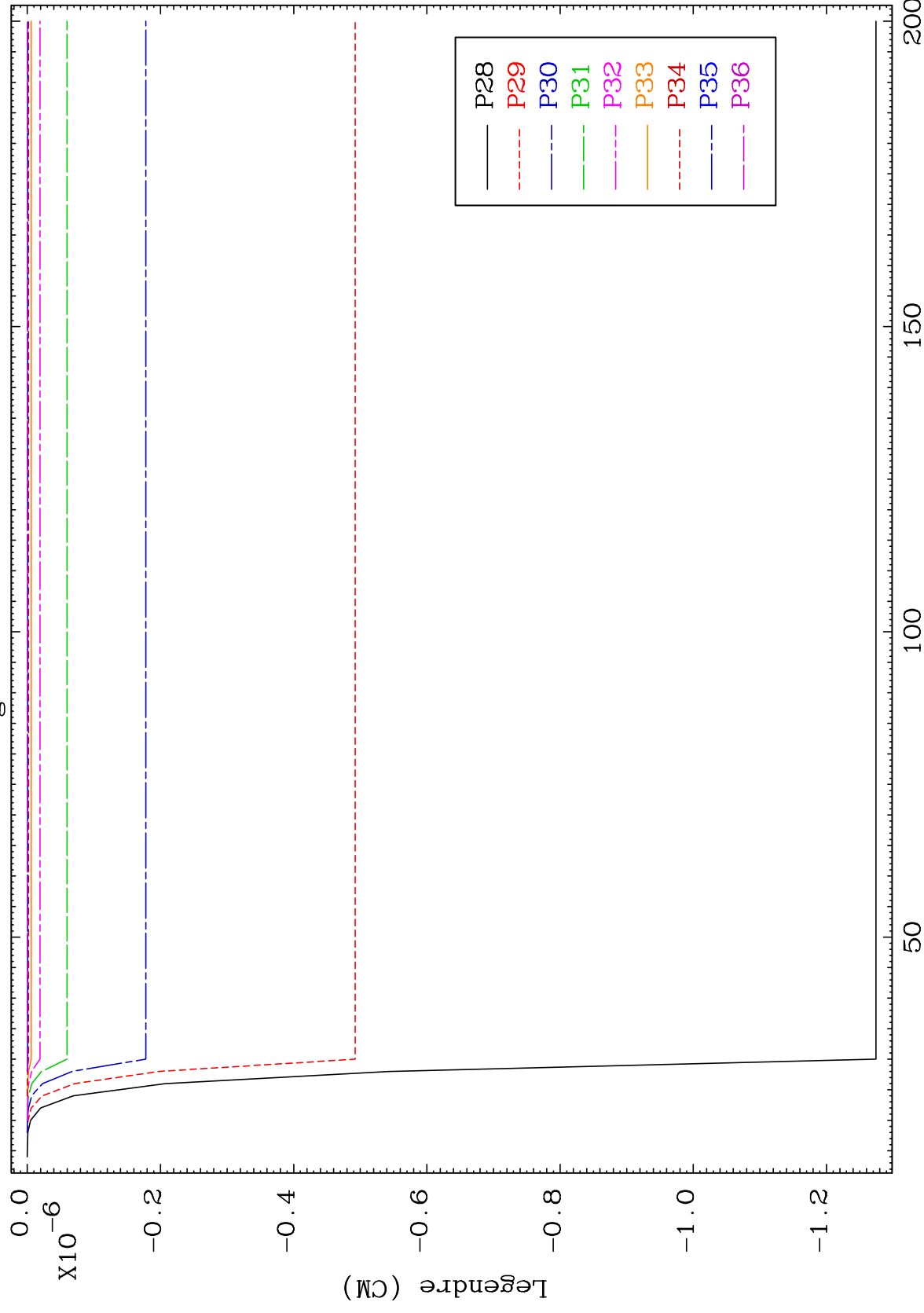




MAT 5692

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

57-La-127



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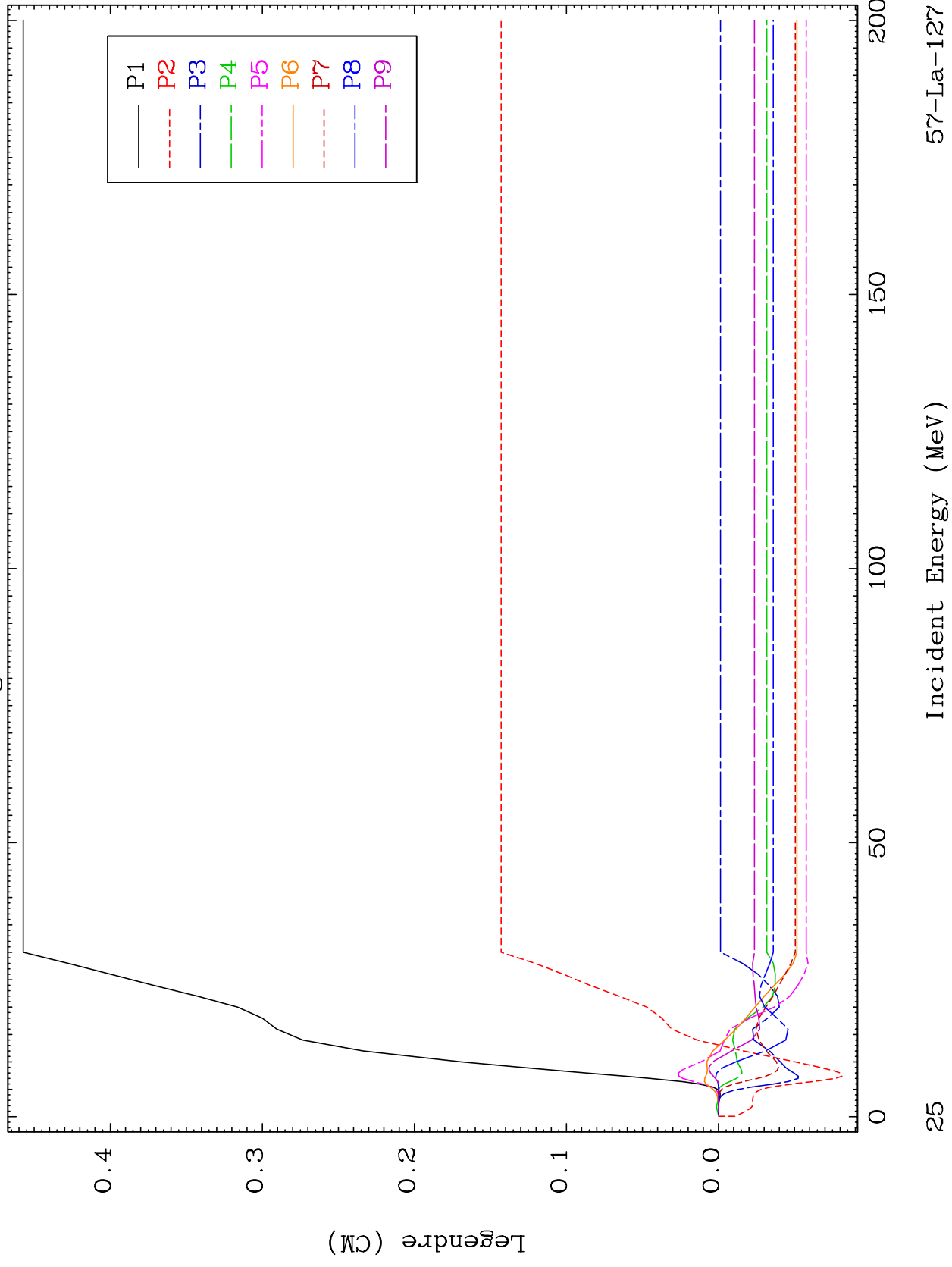
Incident Energy (MeV)

57-La-127

MAT 5692

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

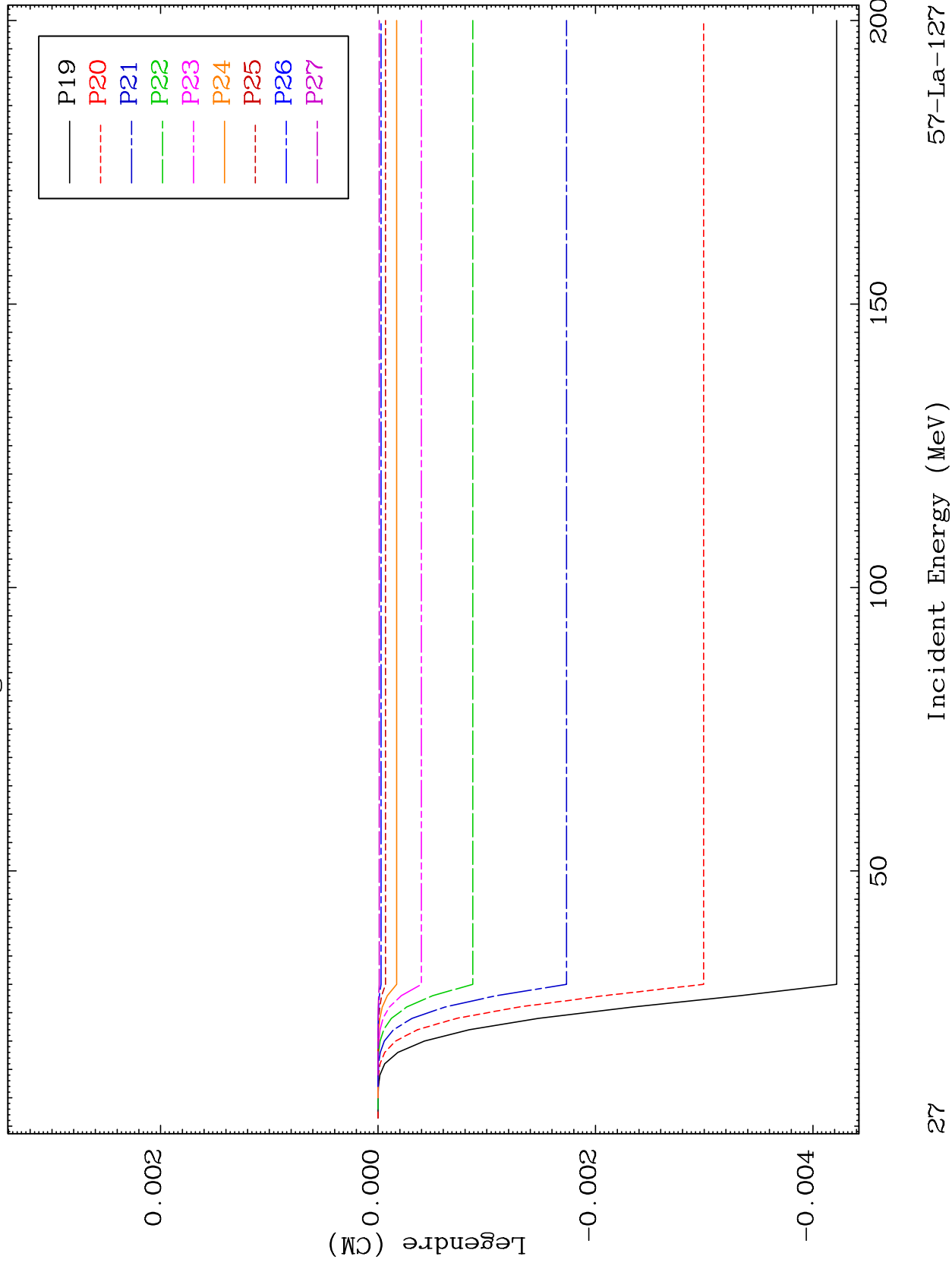
57-La-127

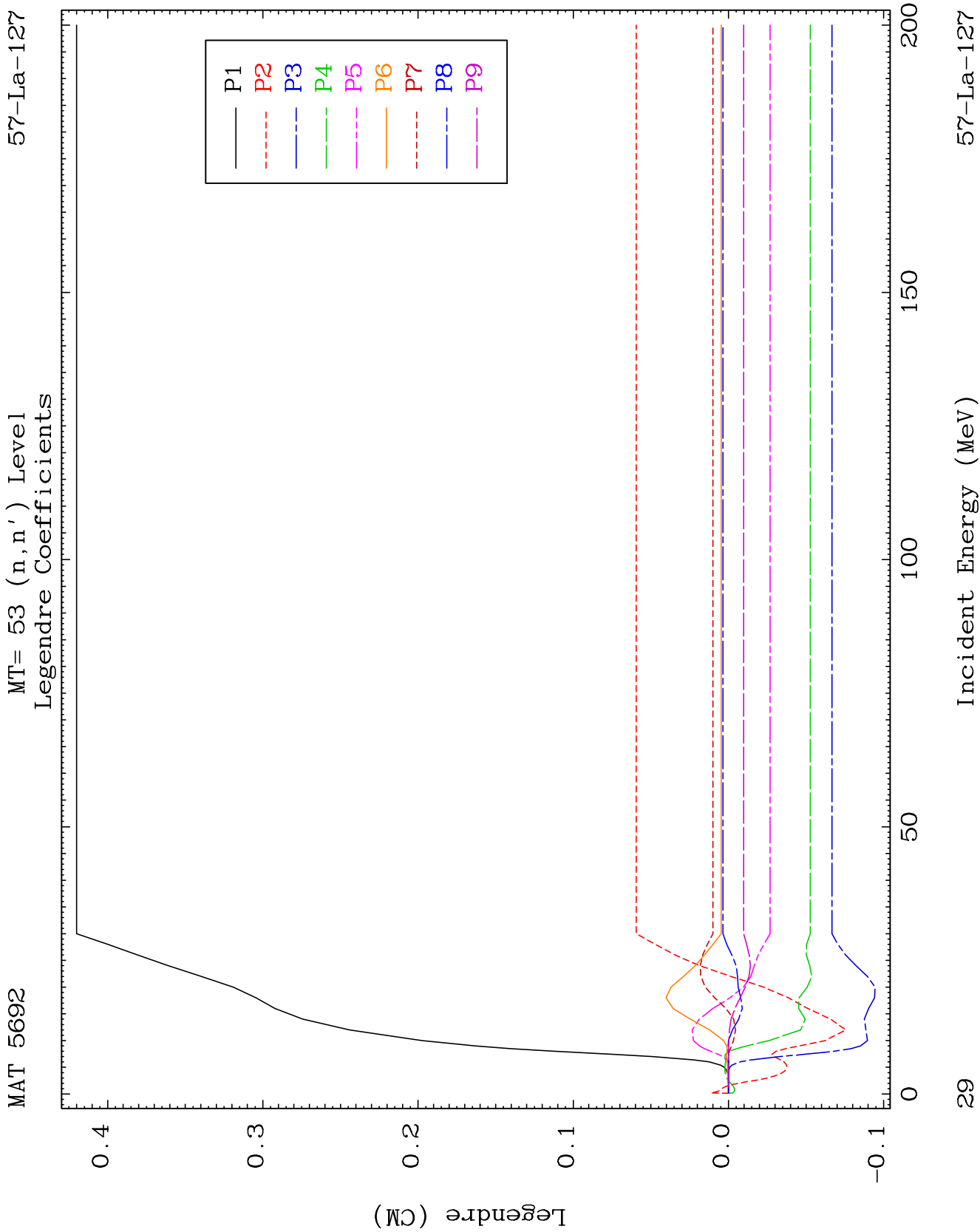


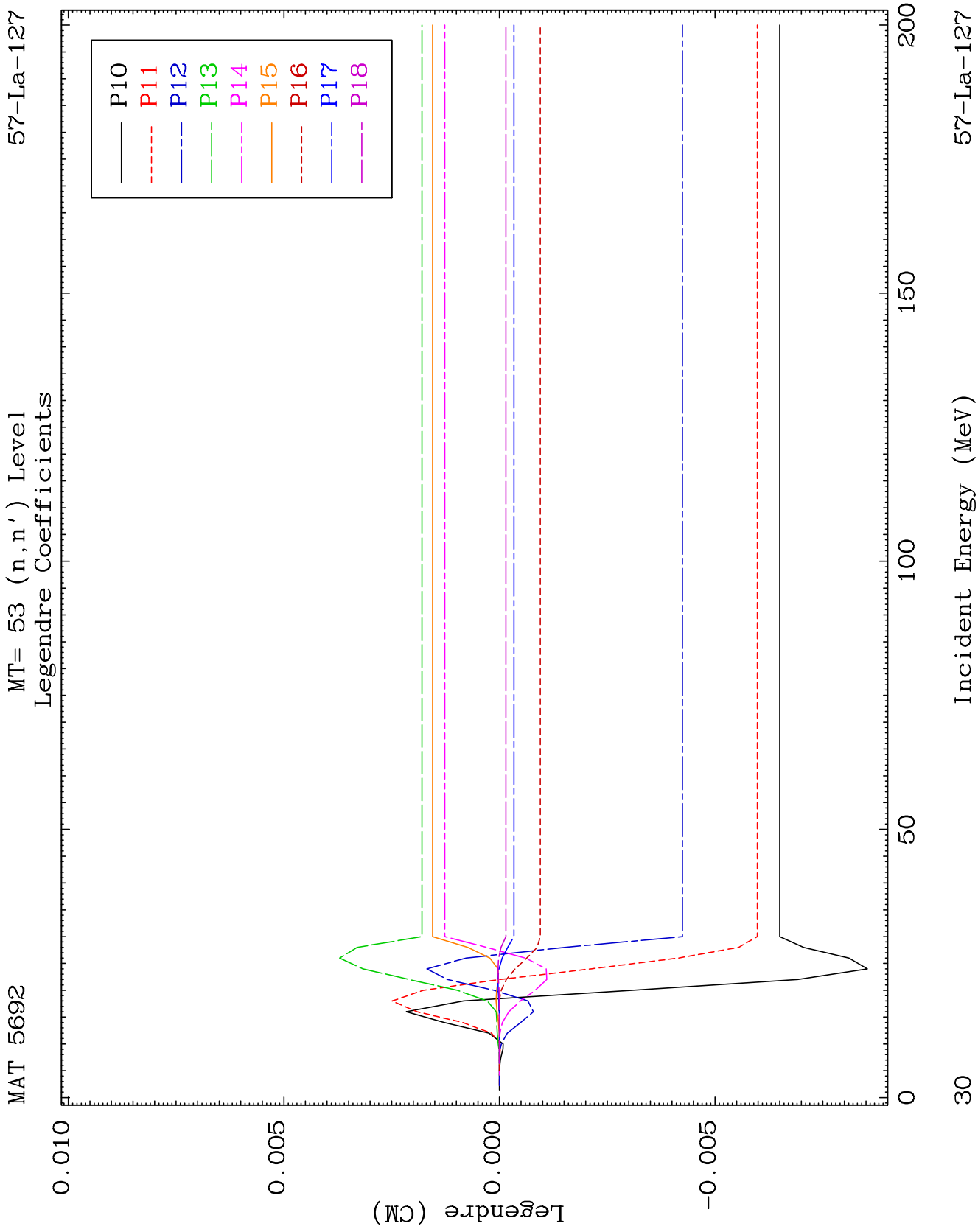
MAT 5692

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

57-La-127



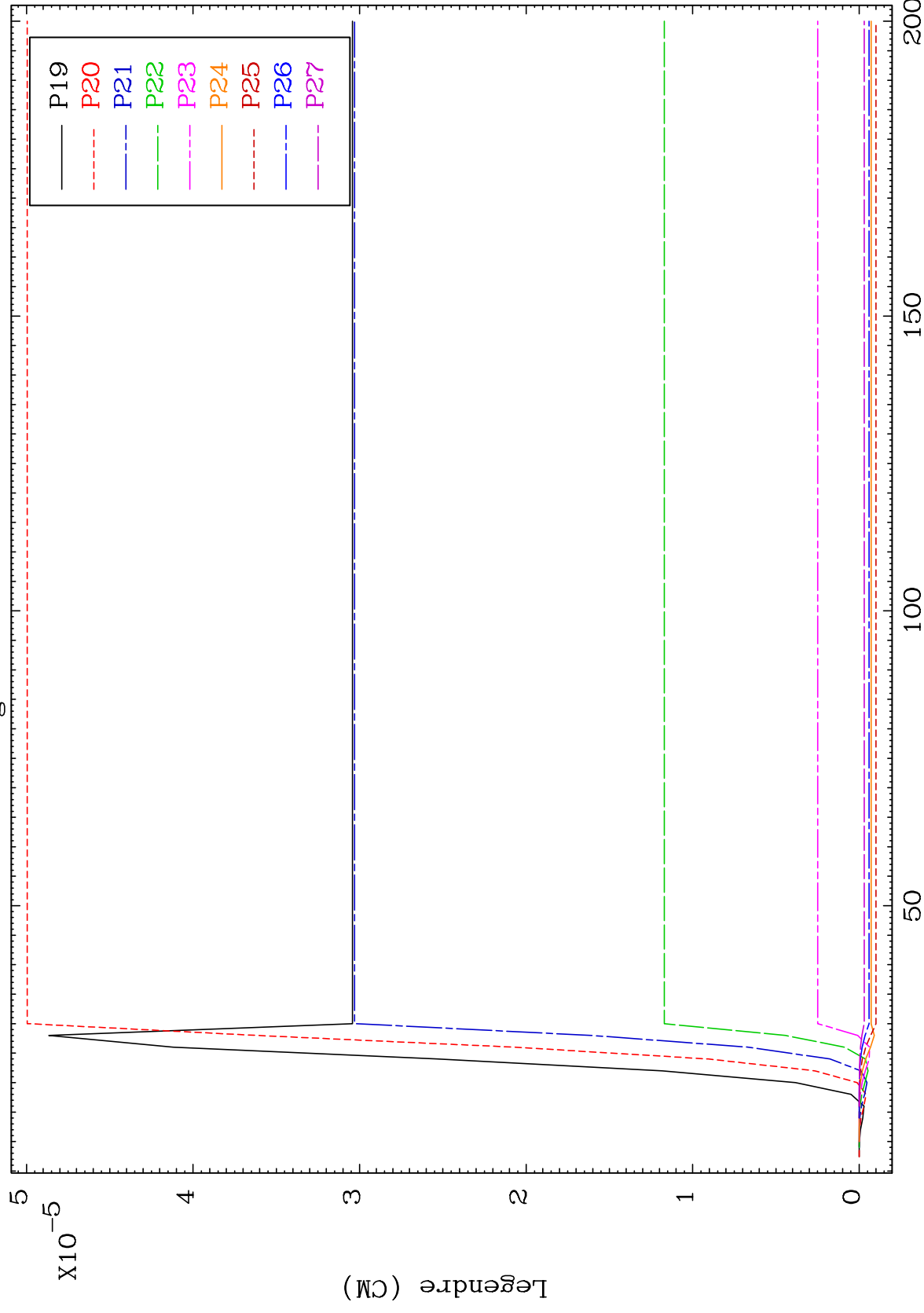




MAT 5692

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

57-La-127



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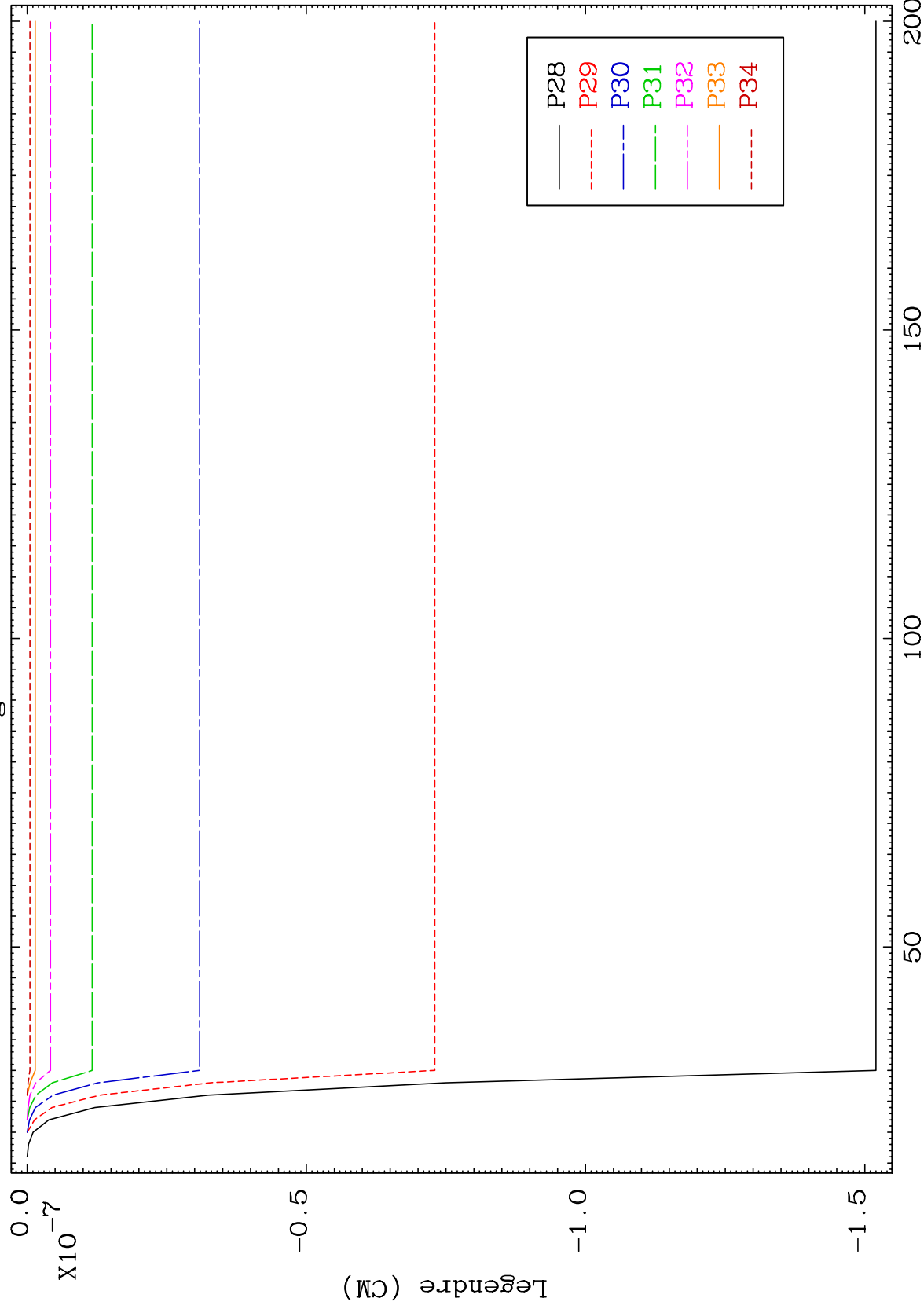
Incident Energy (MeV)

57-La-127

MAT 5692

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

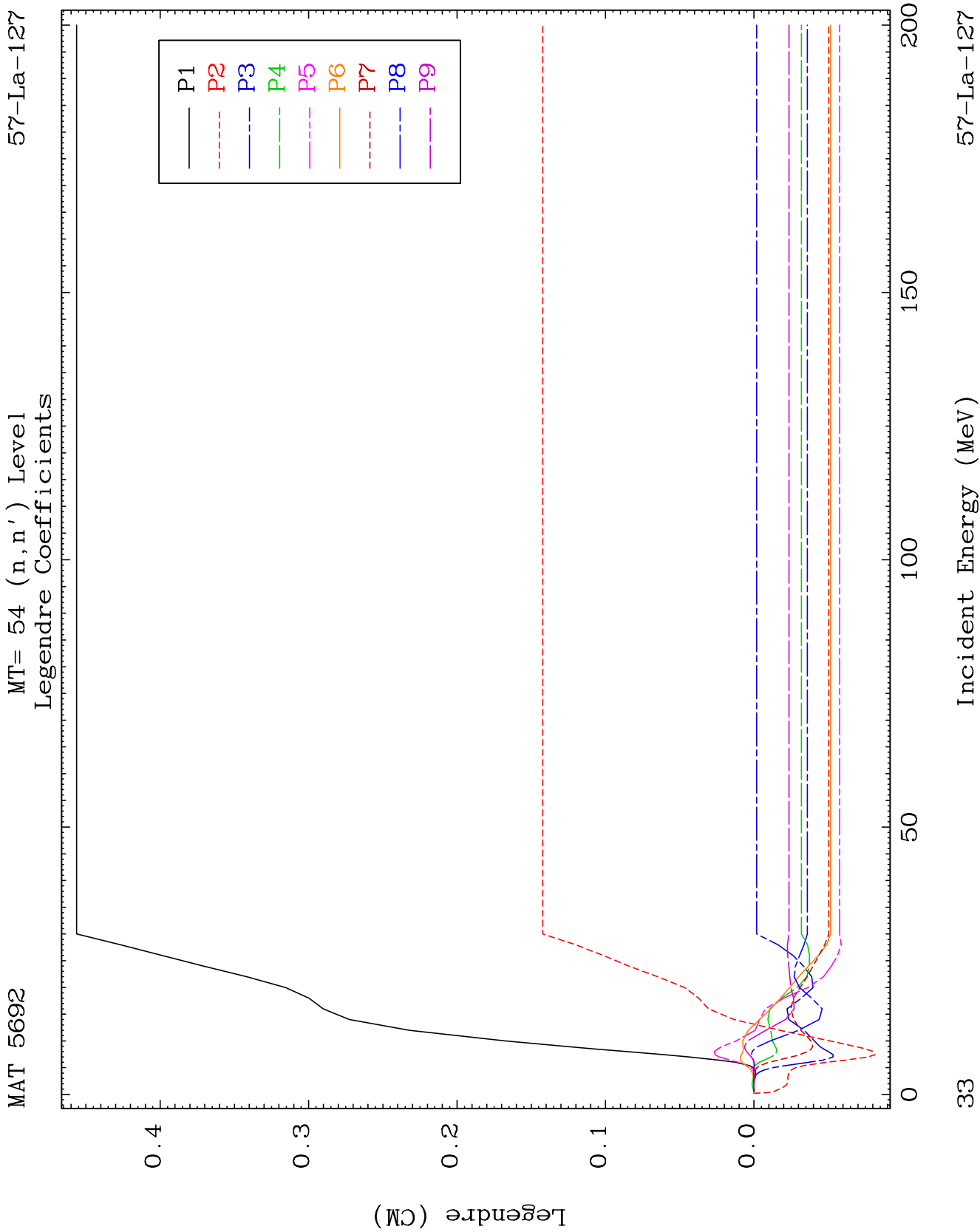
57-La-127

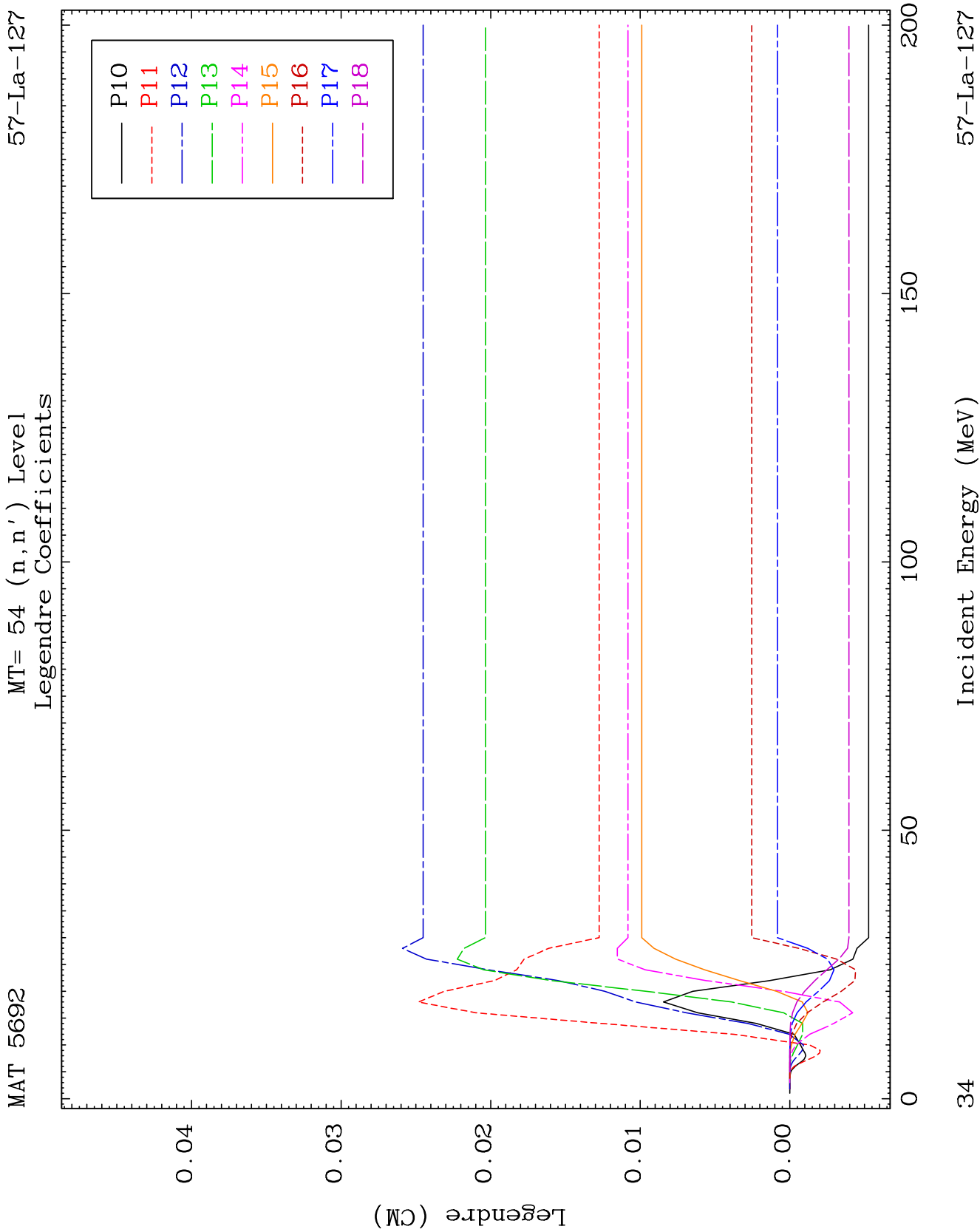


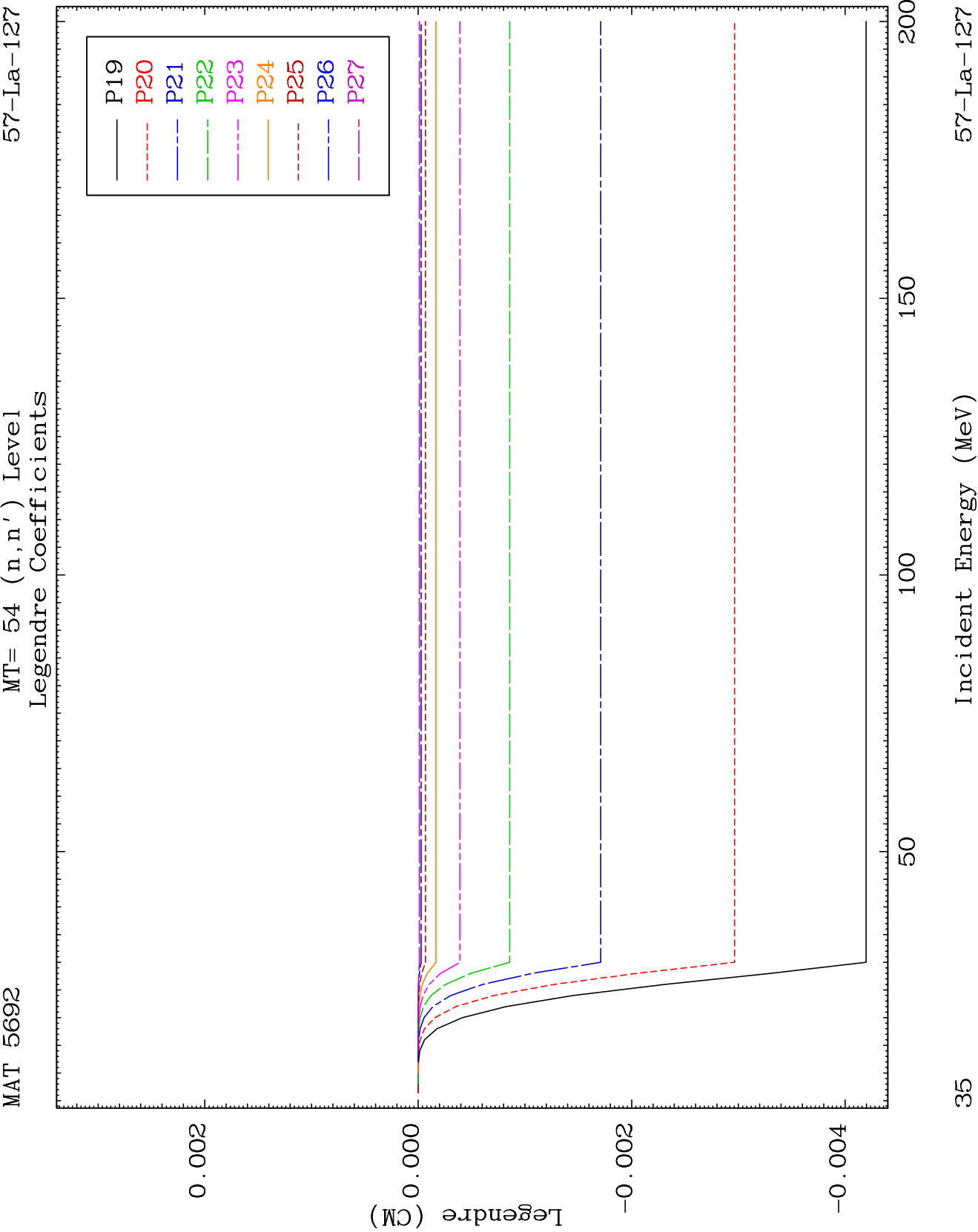
23

Incident Energy (MeV)

57-La-127



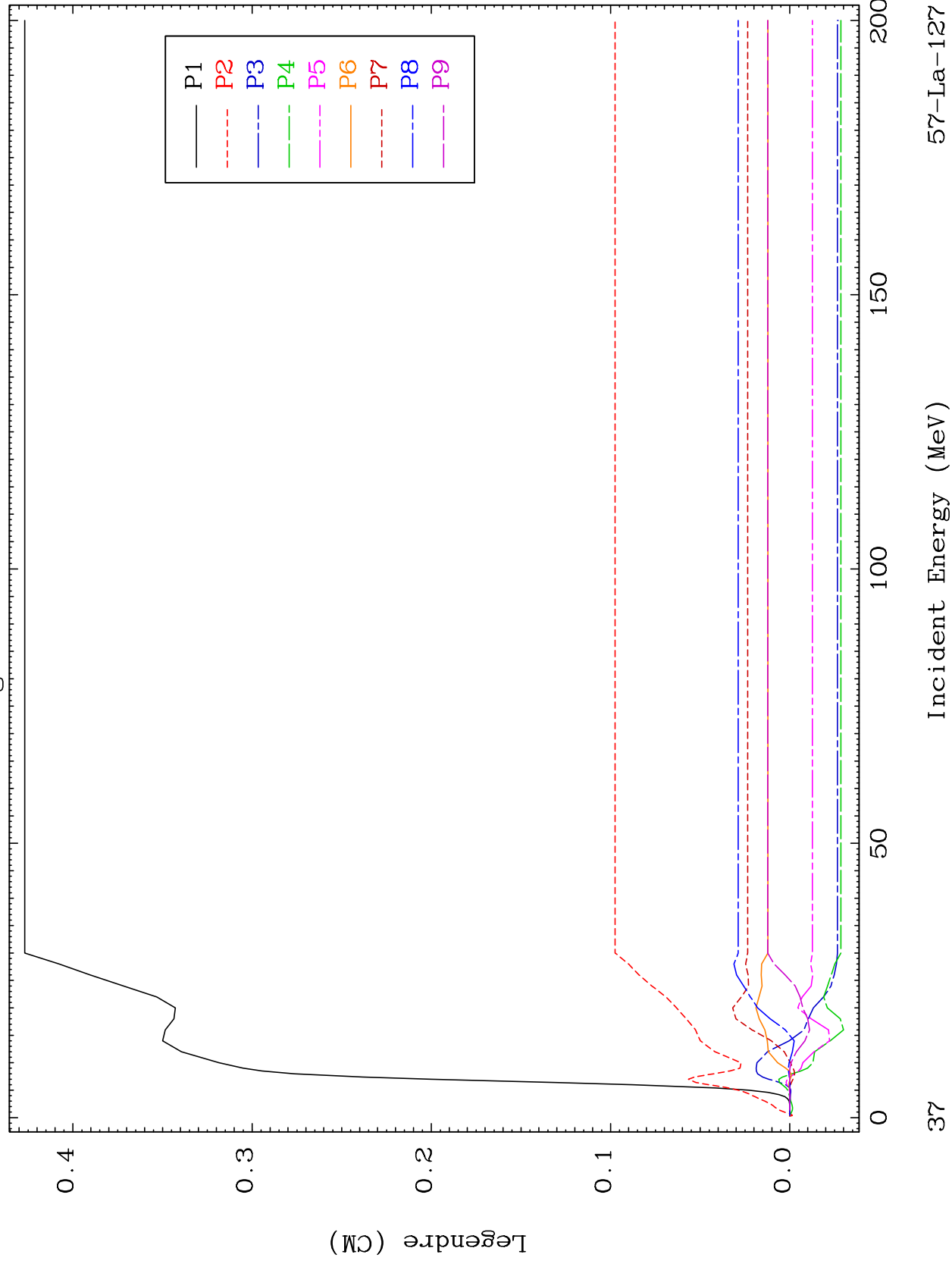


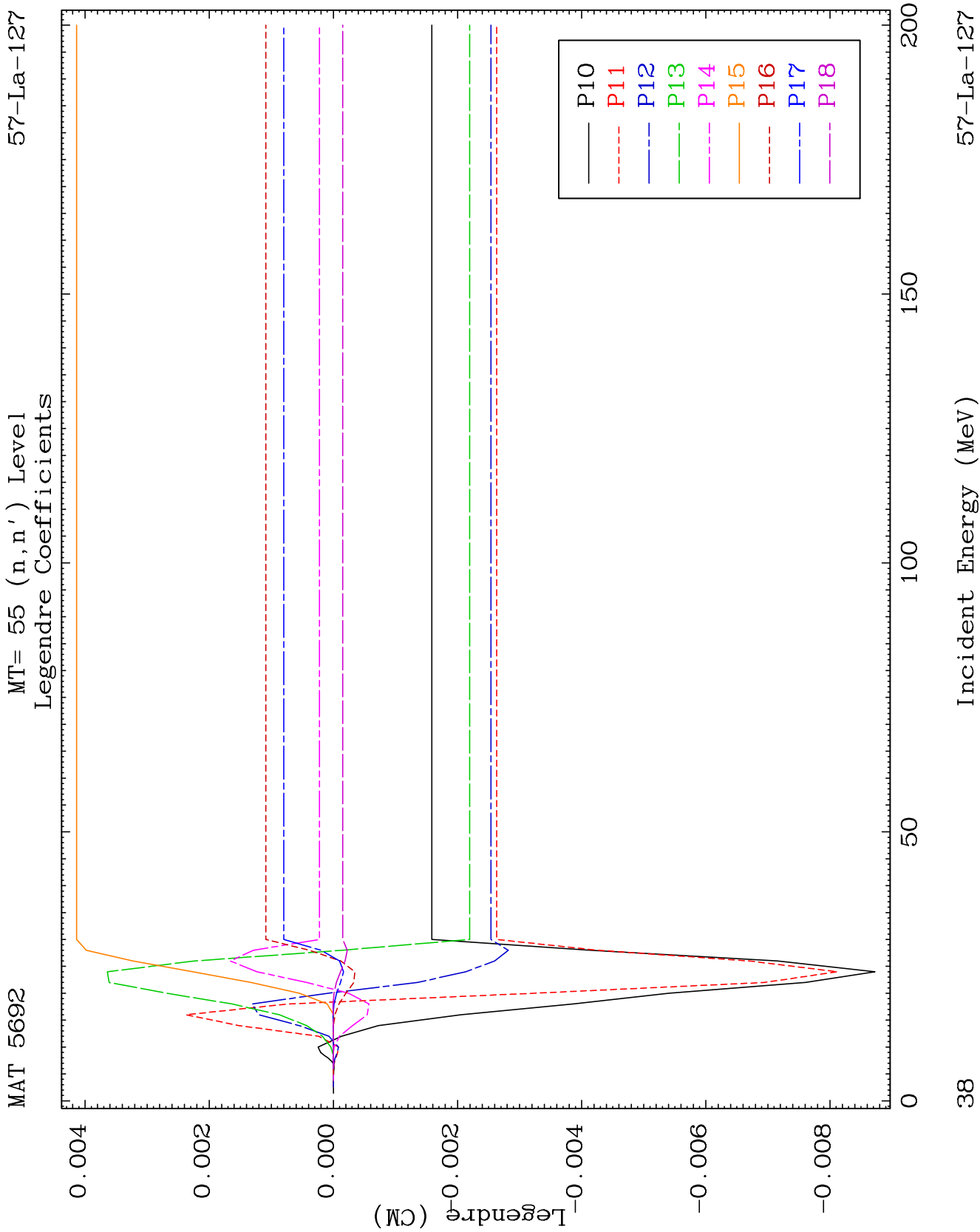


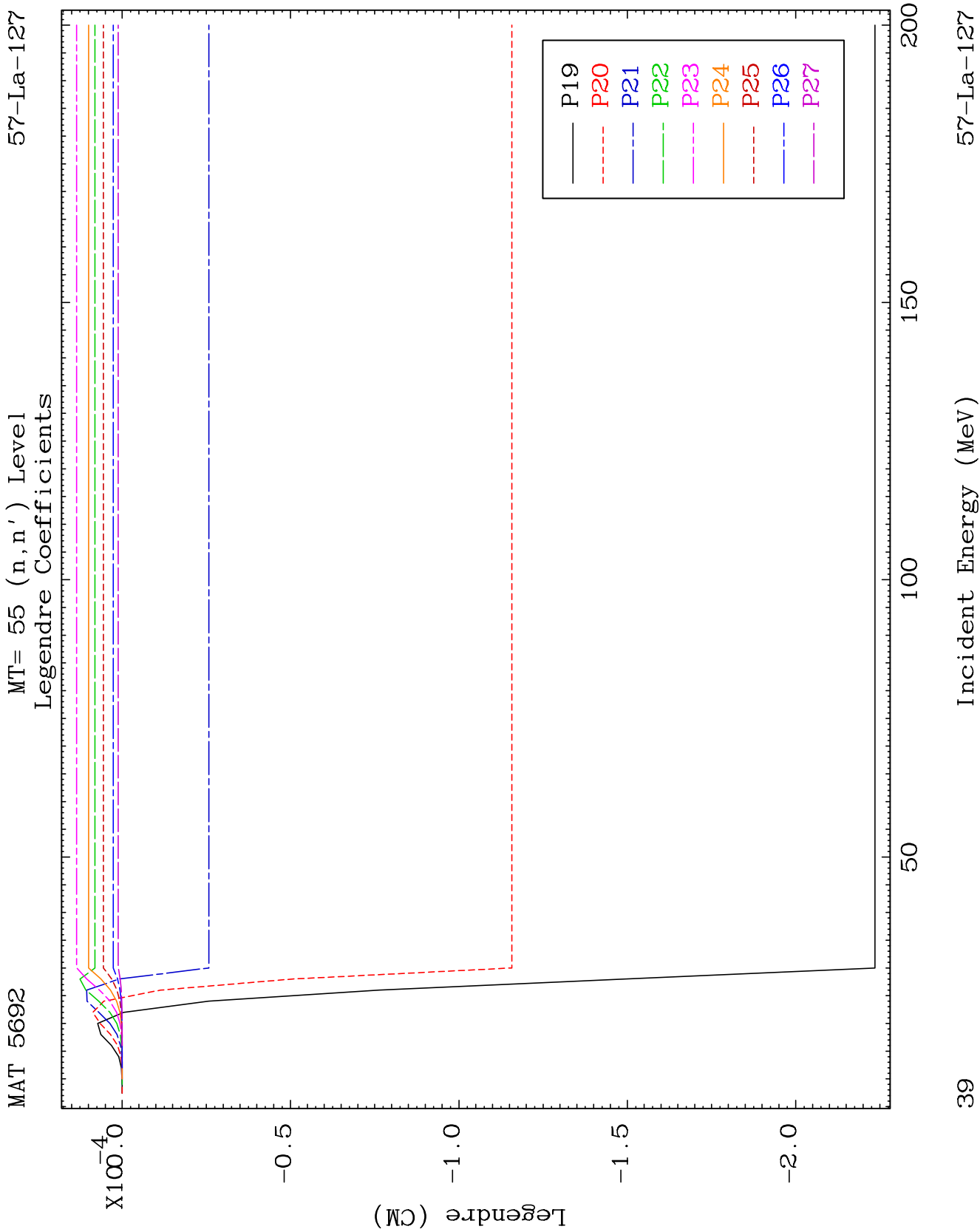
MAT 5692

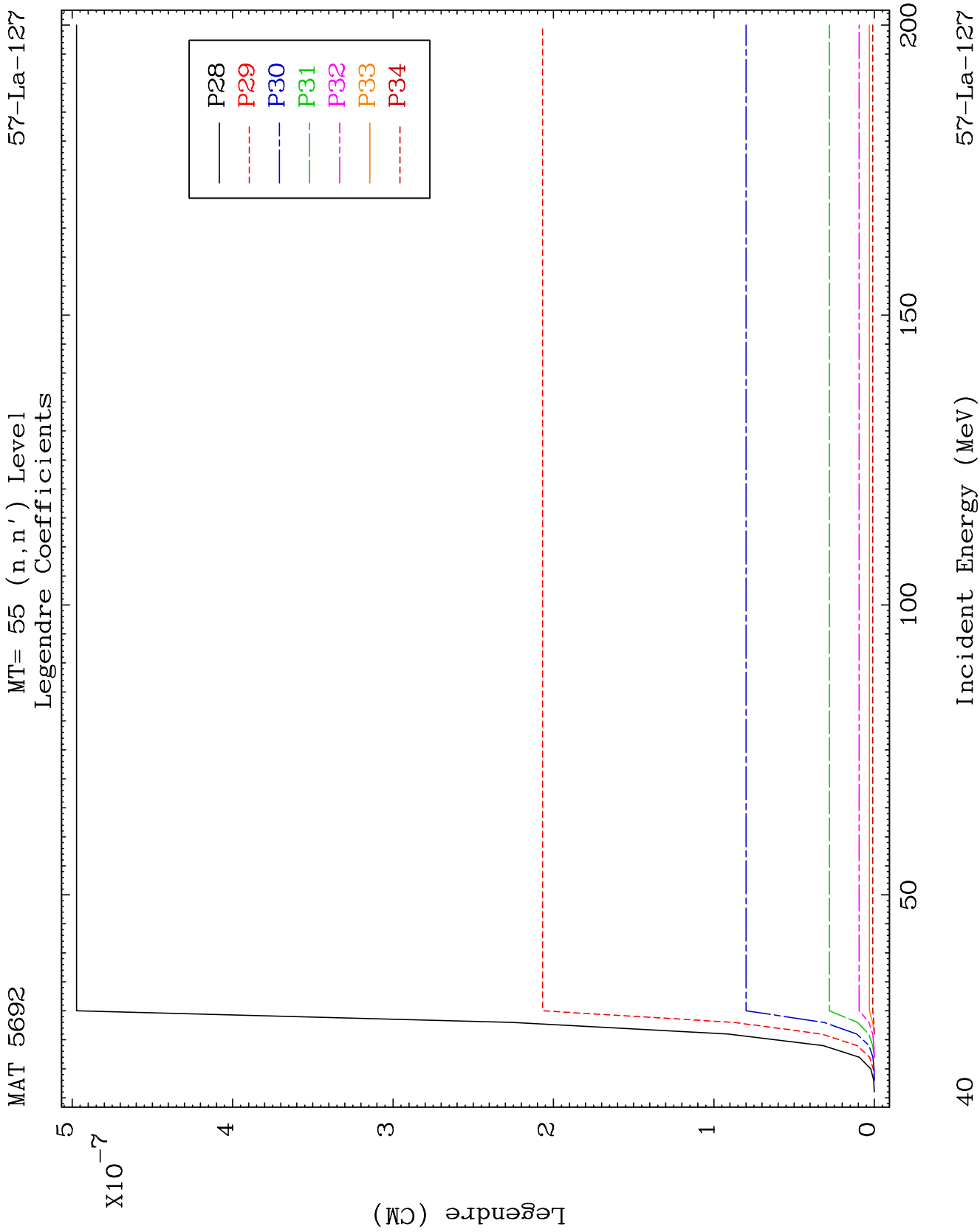
MT= 55 (n, n') Level
Legendre Coefficients

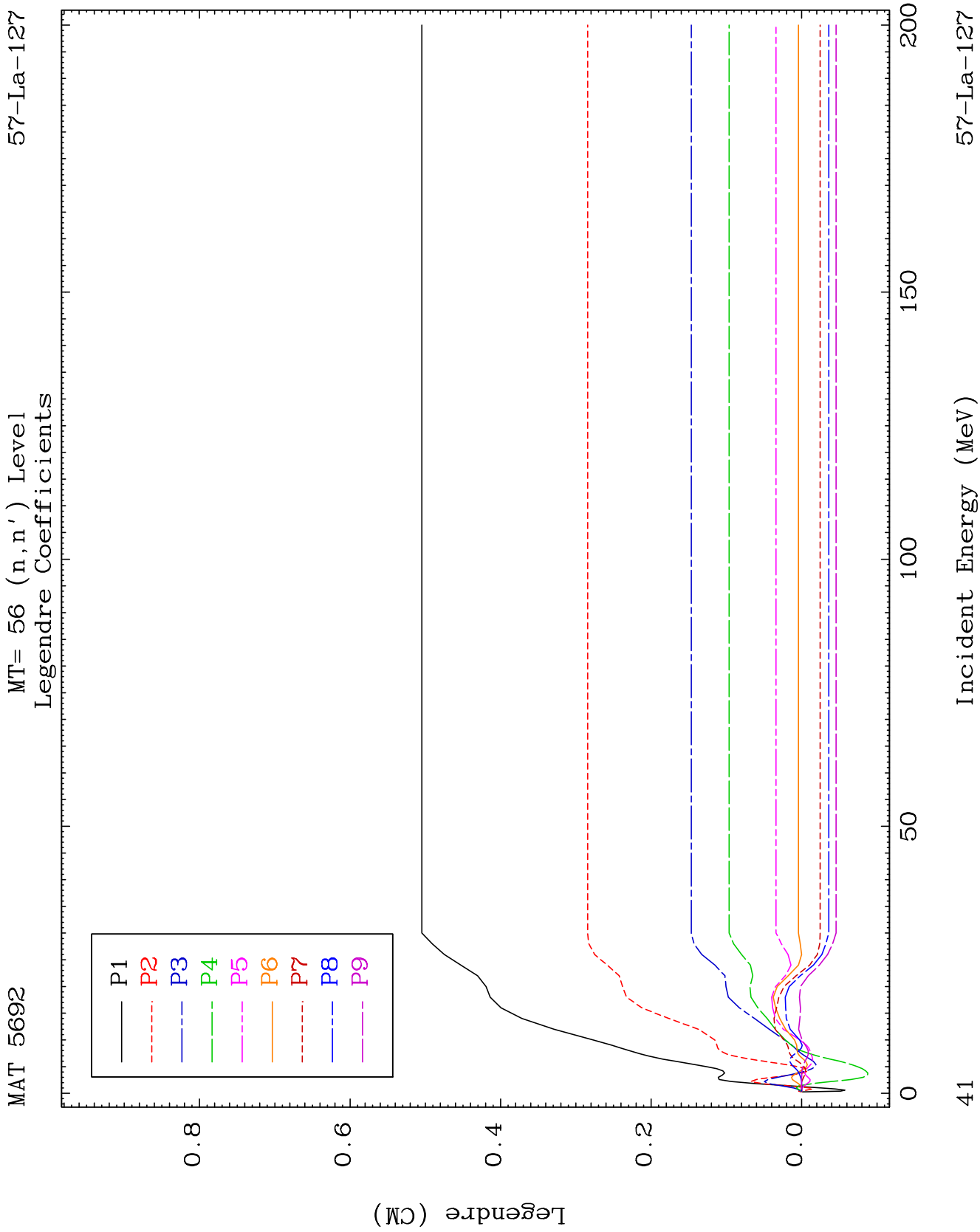
57-La-127







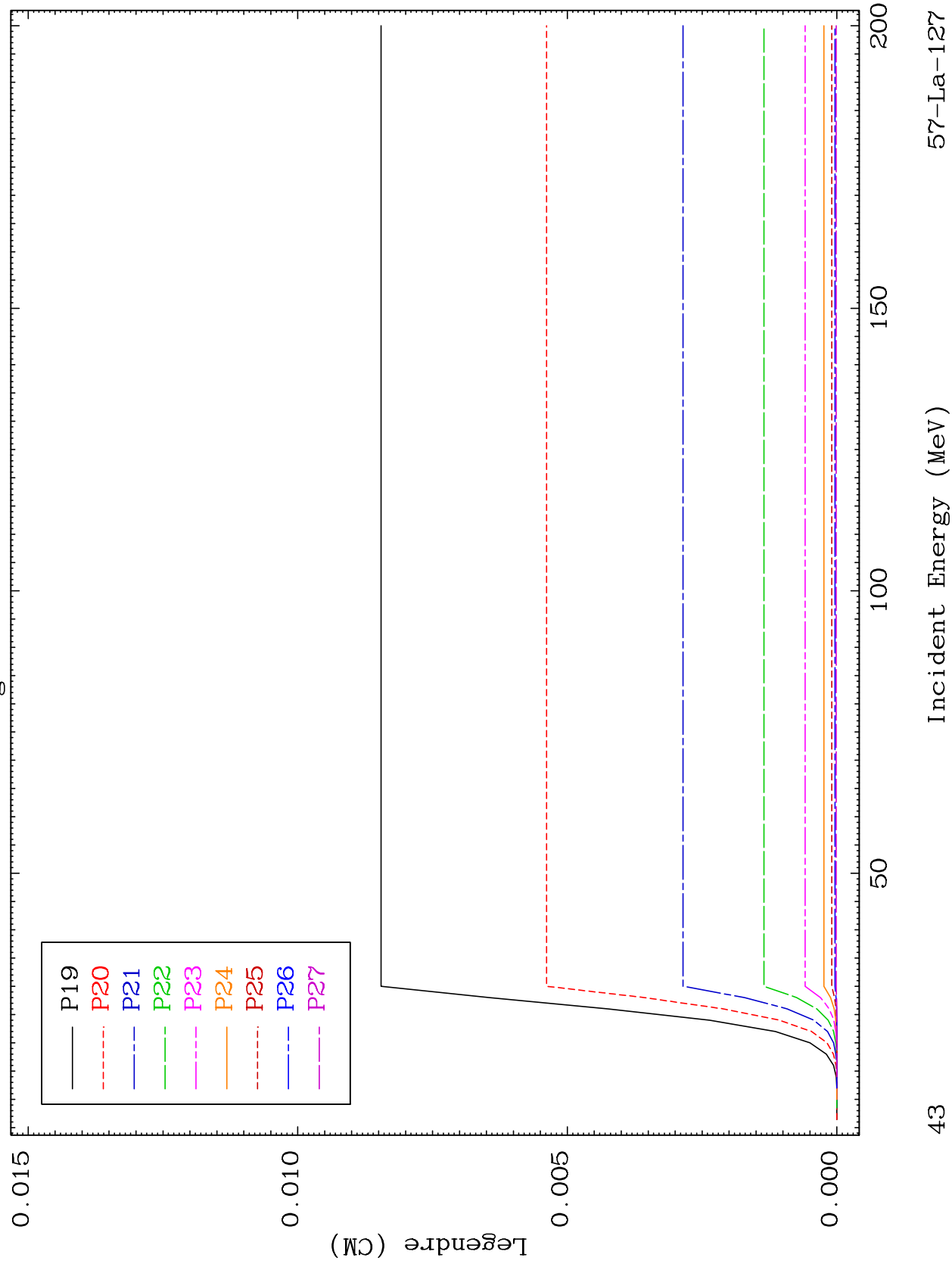


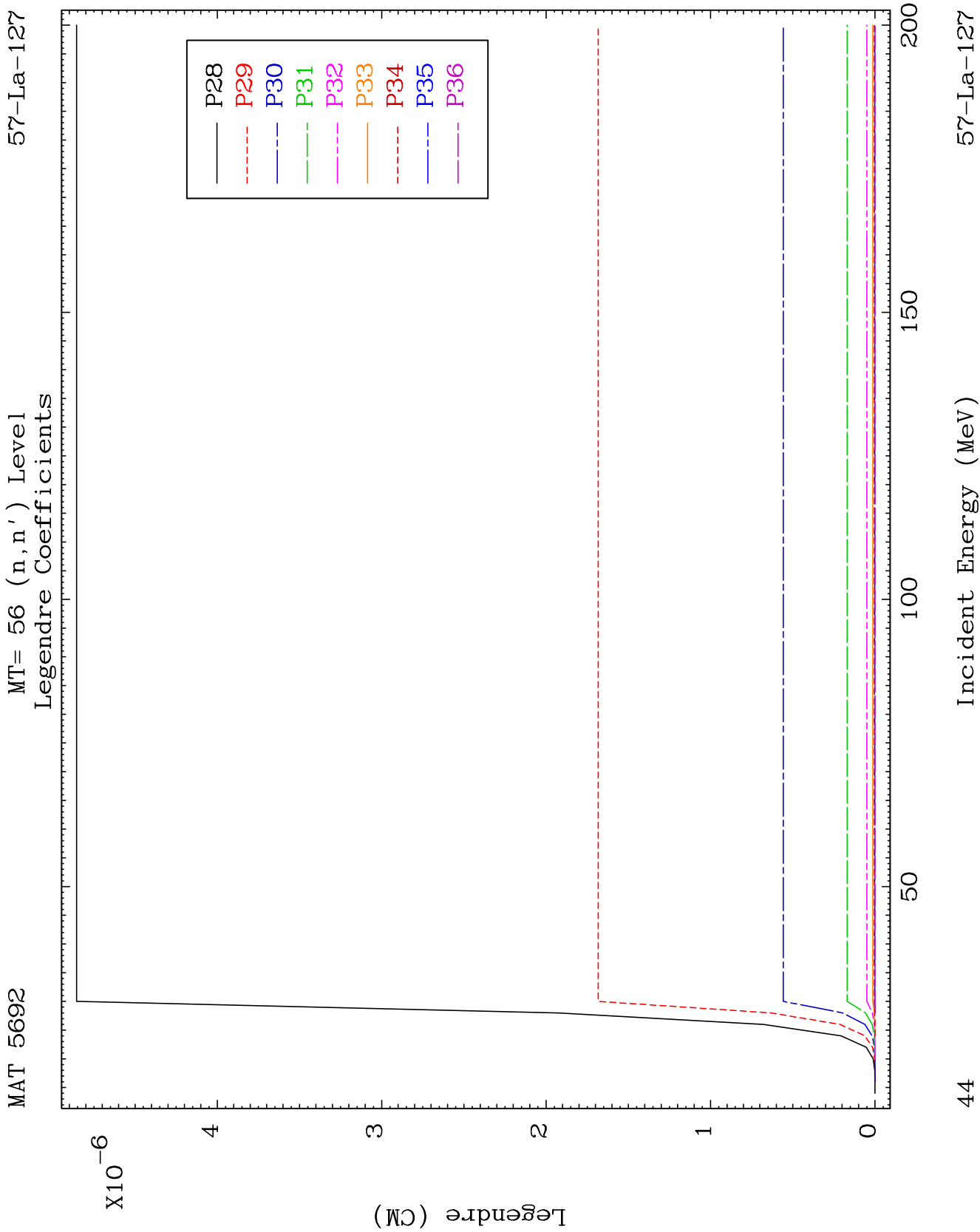


MAT 5692

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

57-La-127

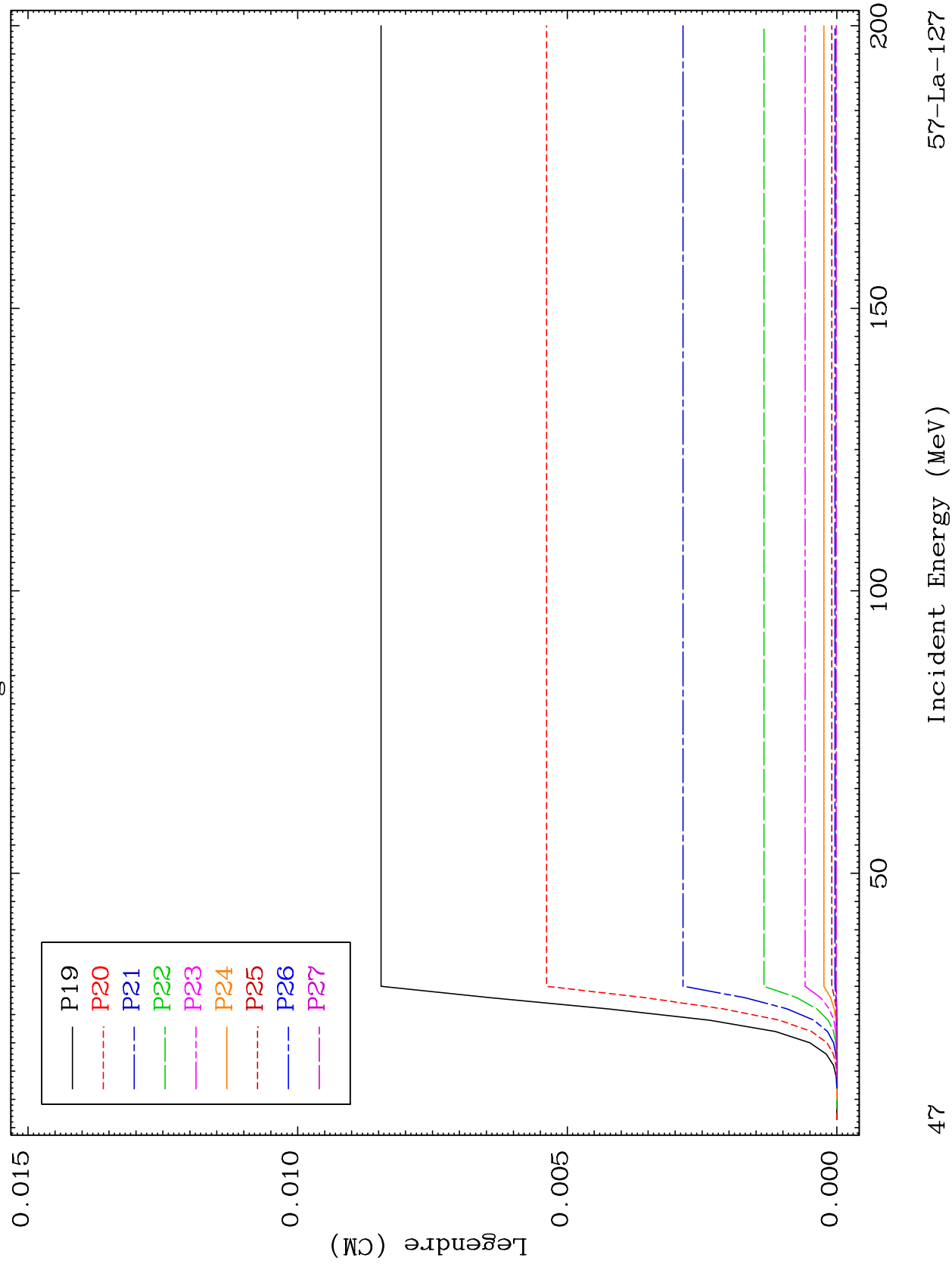


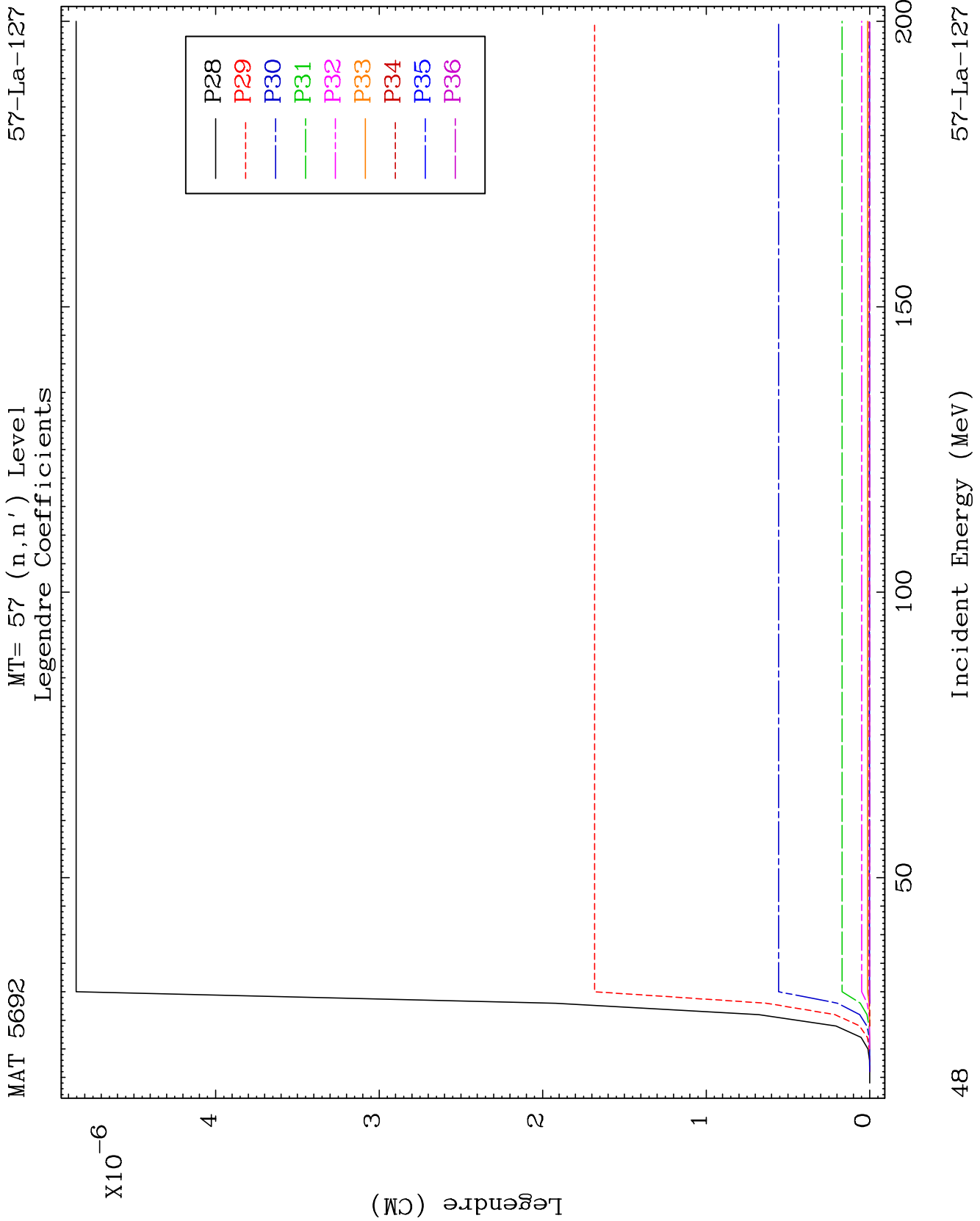


MAT 5692

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

57-La-127

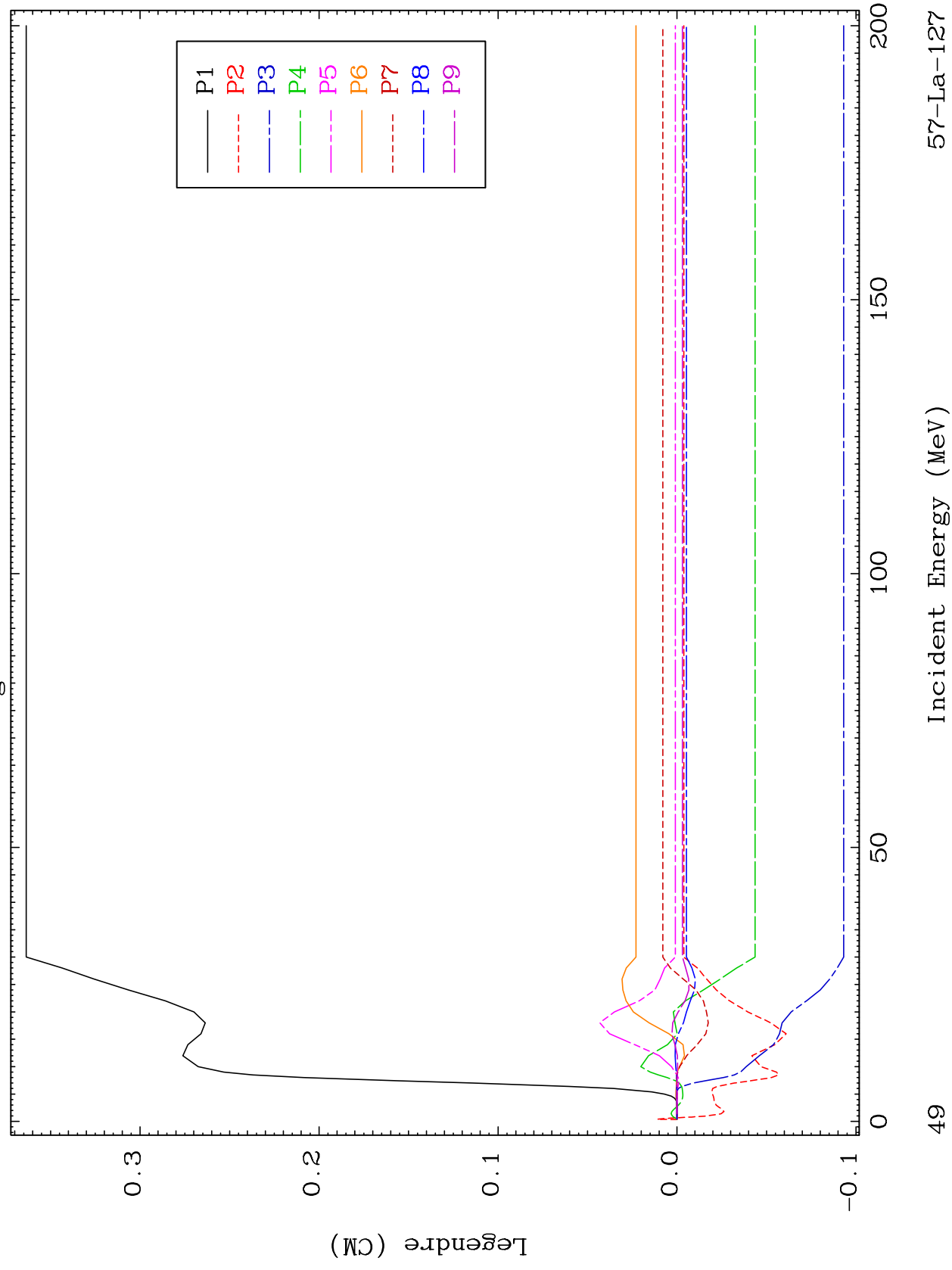




MAT 5692

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

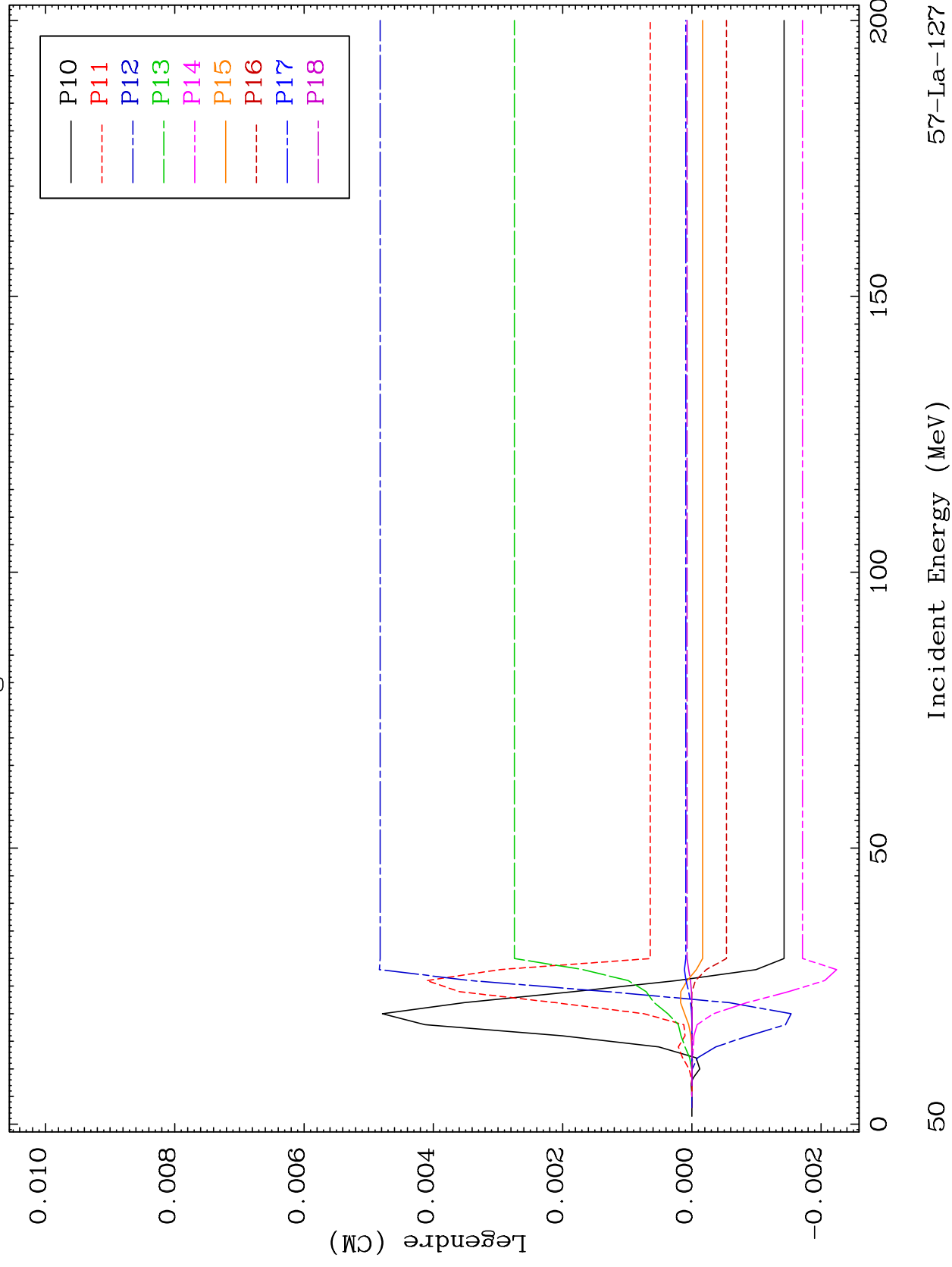
57-La-127

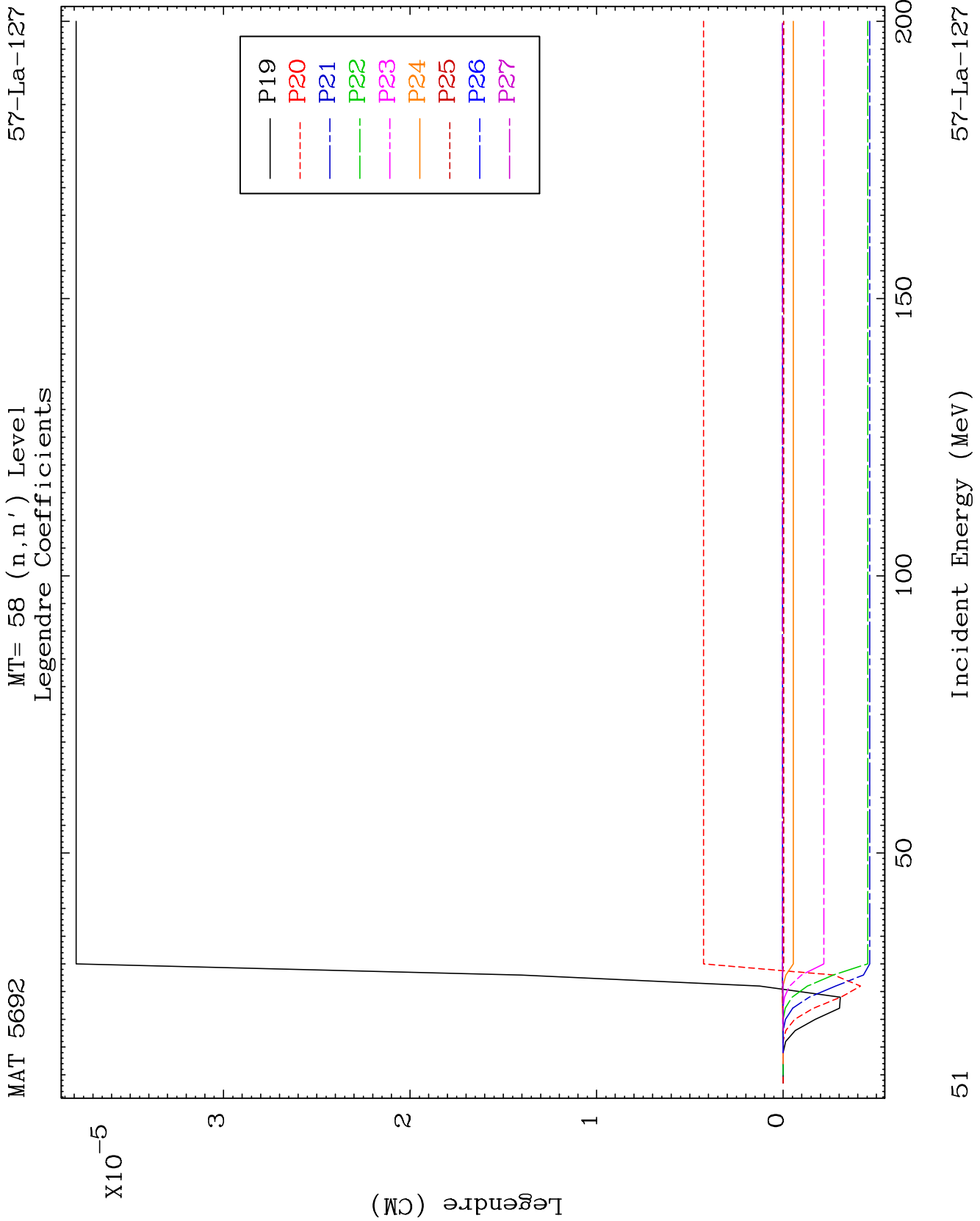


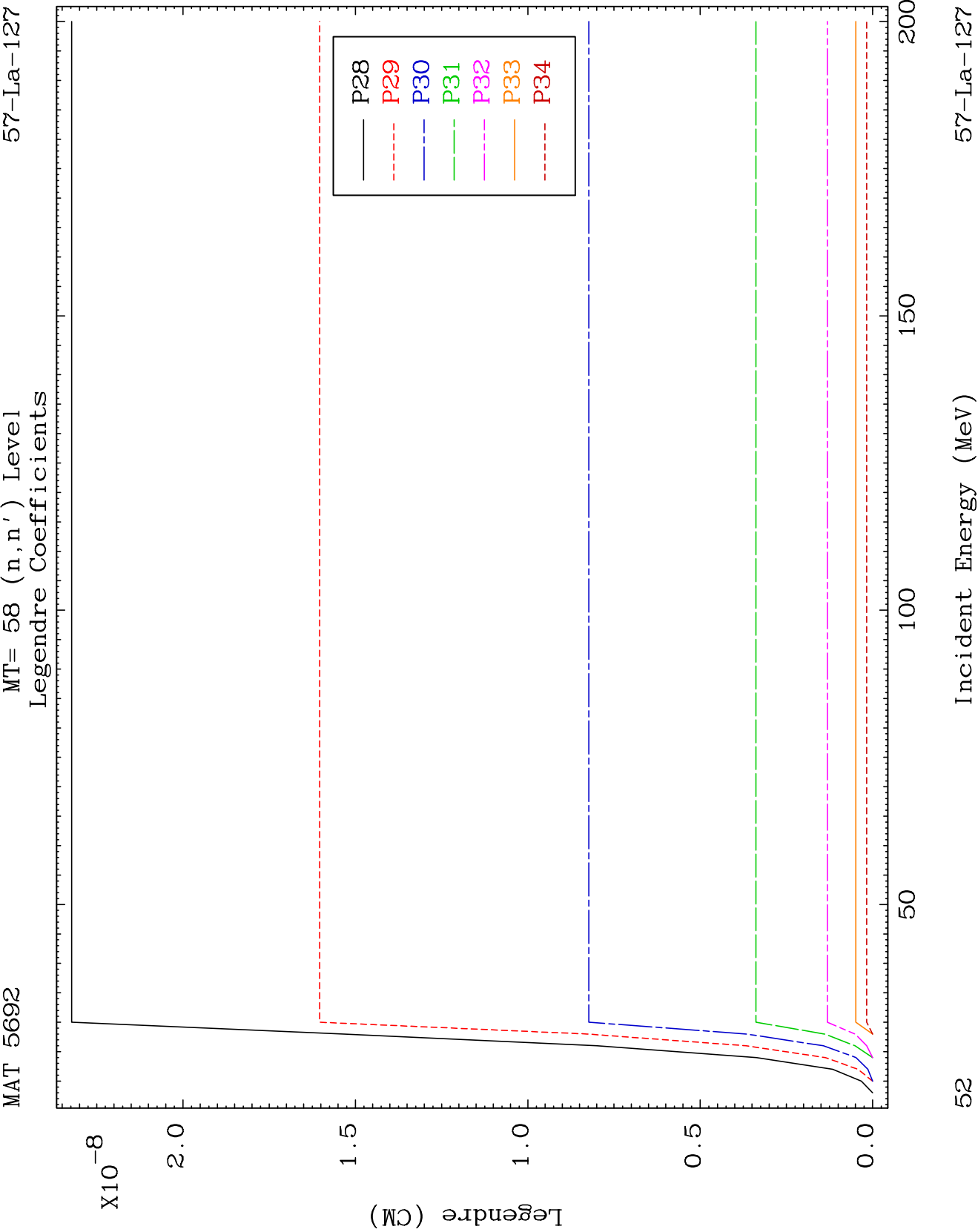
MAT 5692

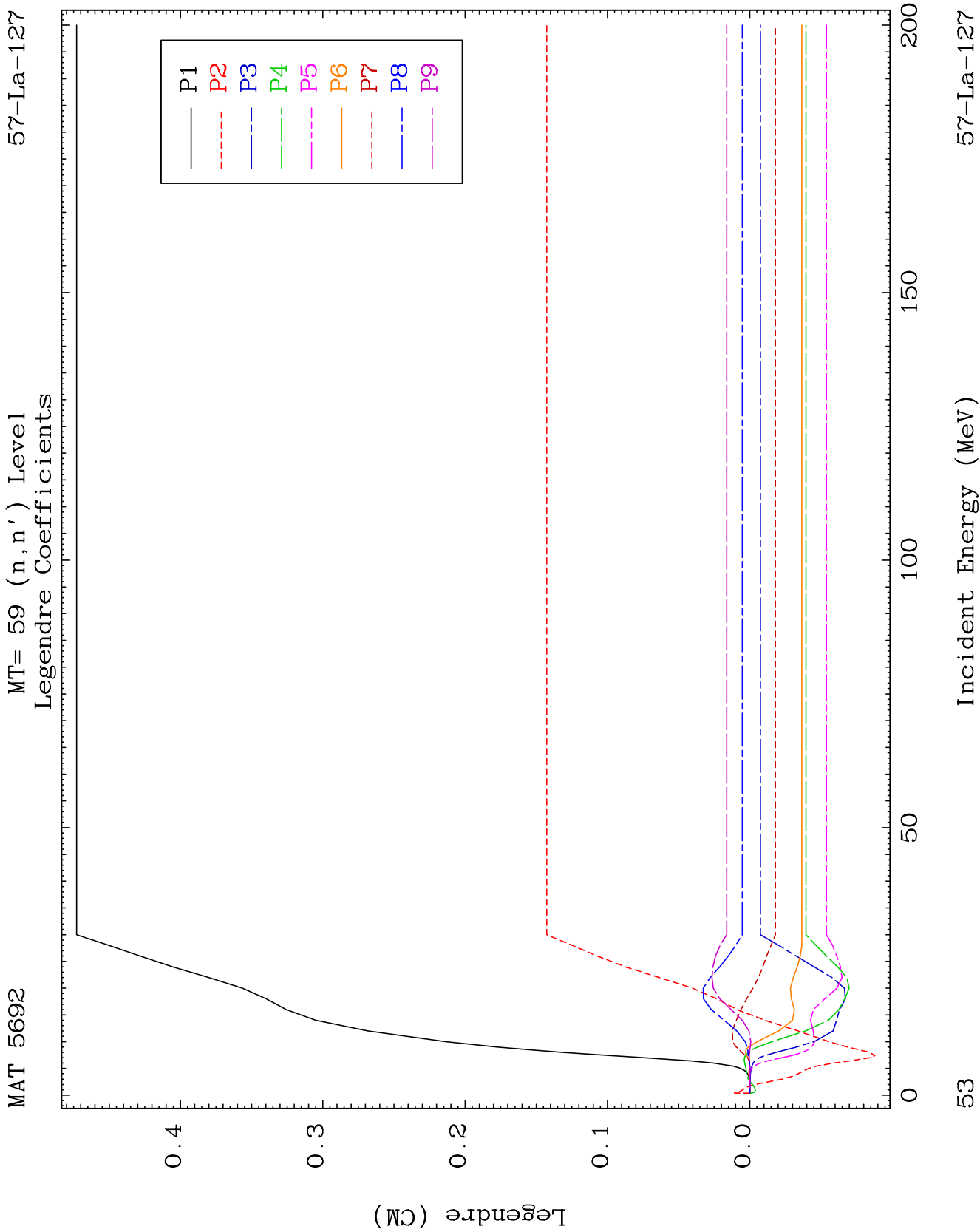
MT= 58 (n, n') Level
Legendre Coefficients

57-La-127





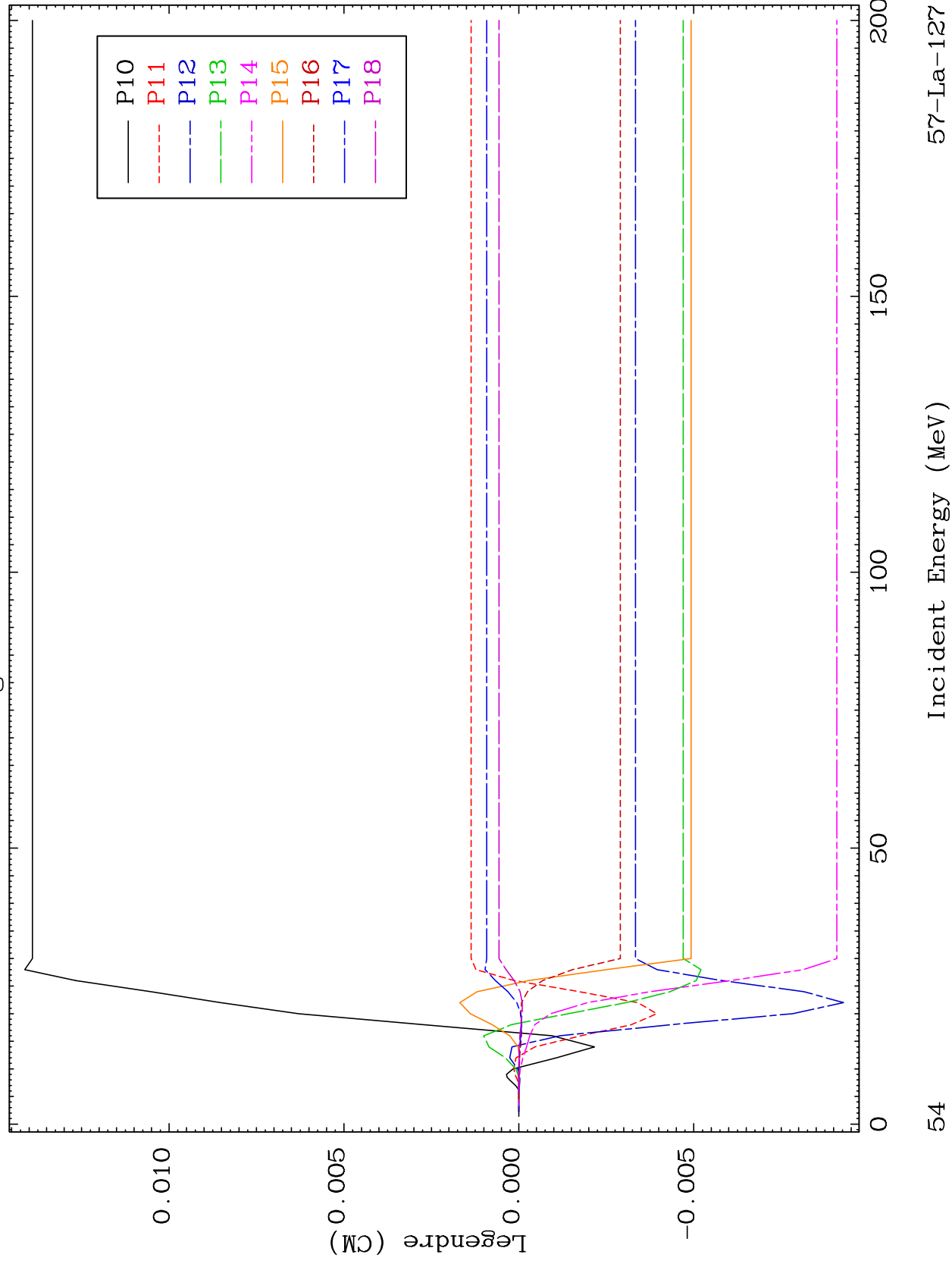




MAT 5692

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

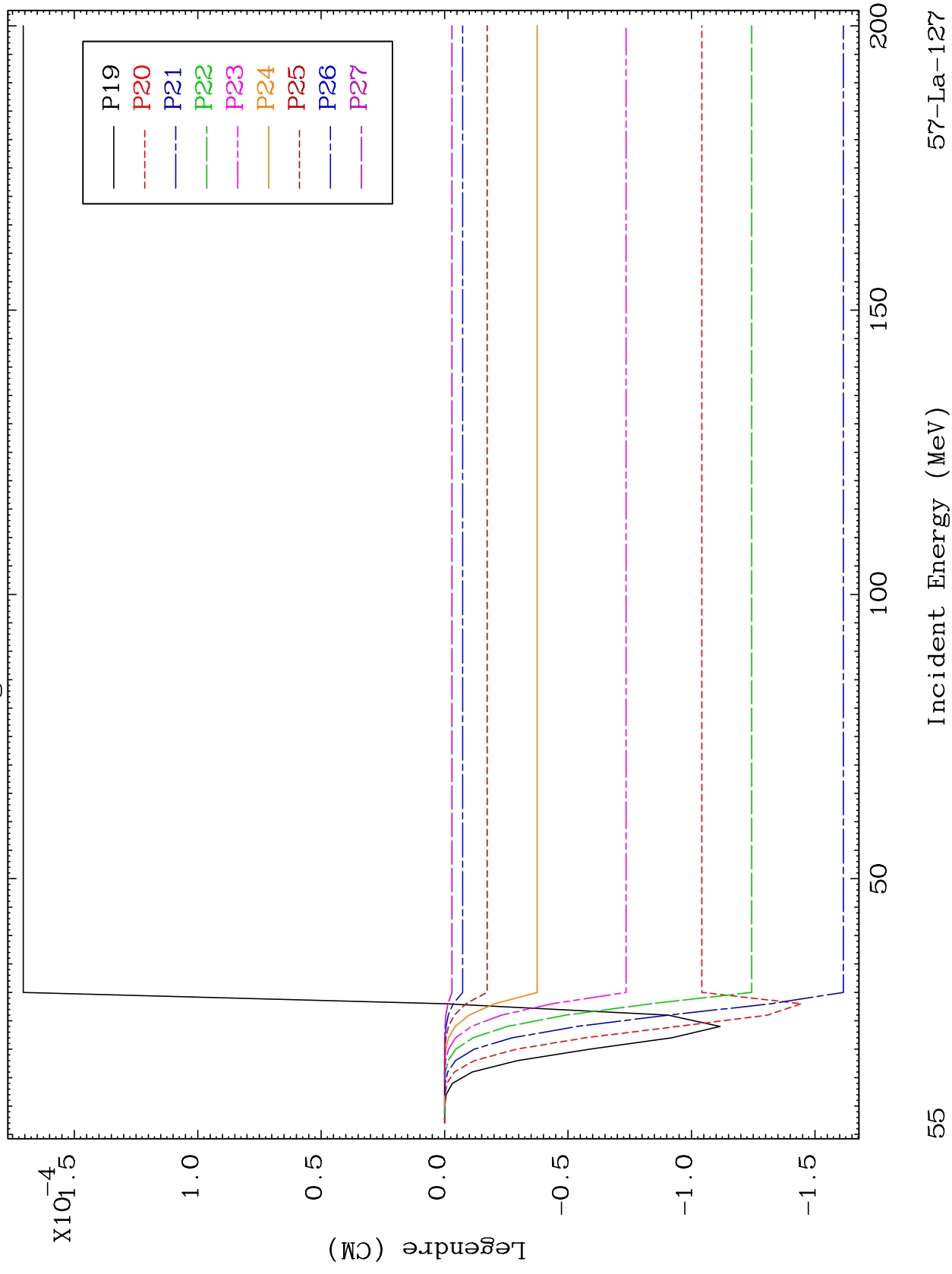
57-La-127

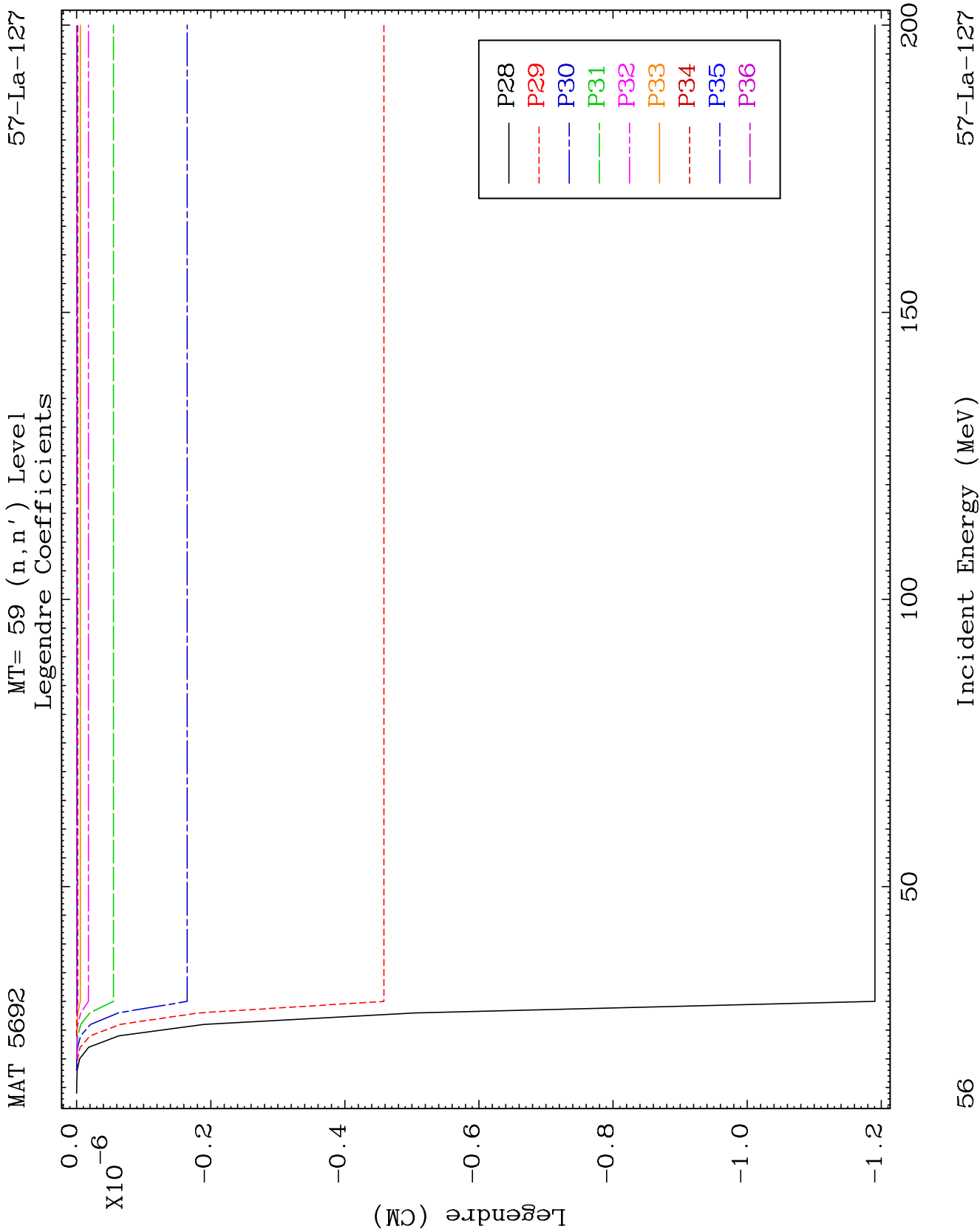


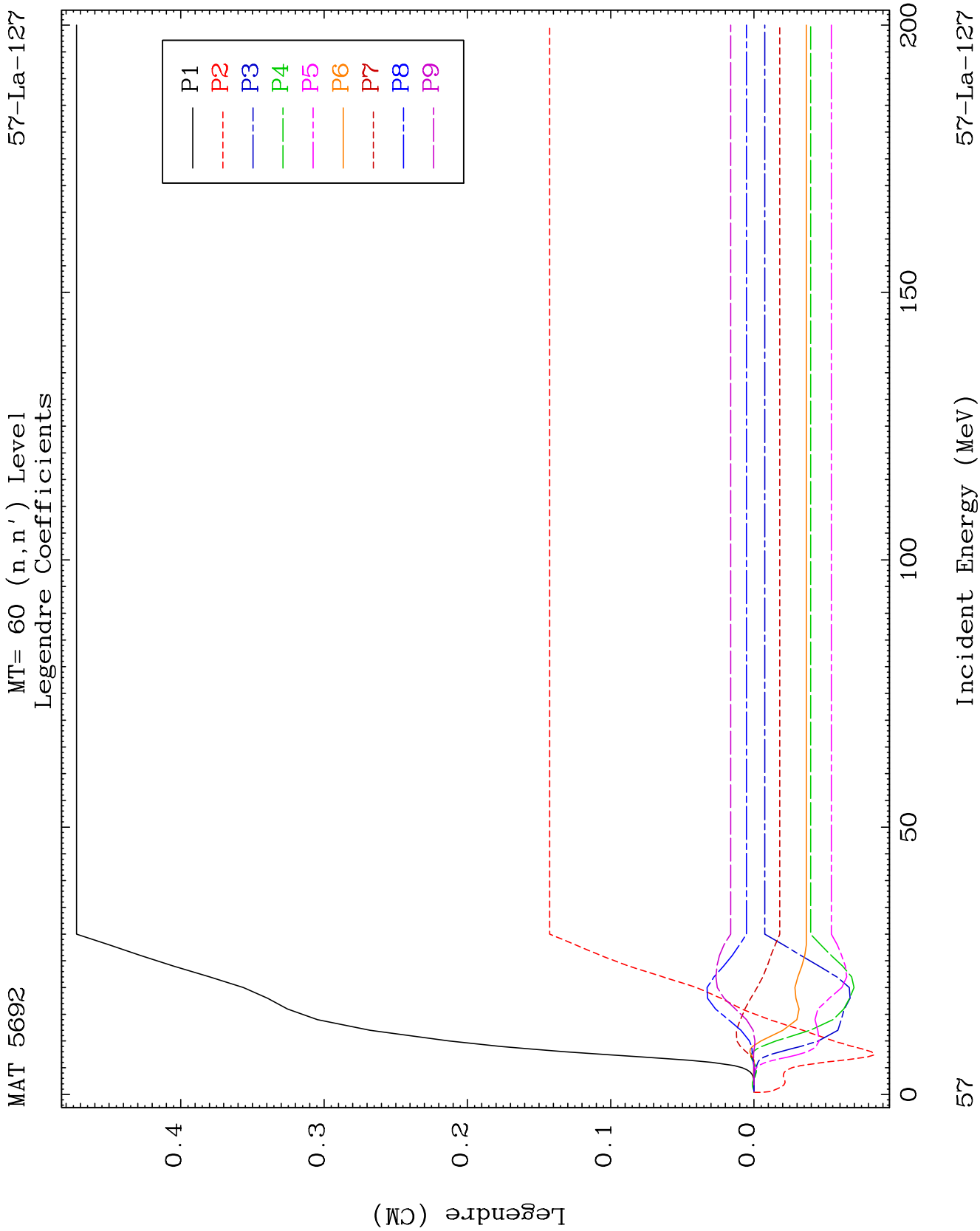
MAT 5692

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

57-La-127



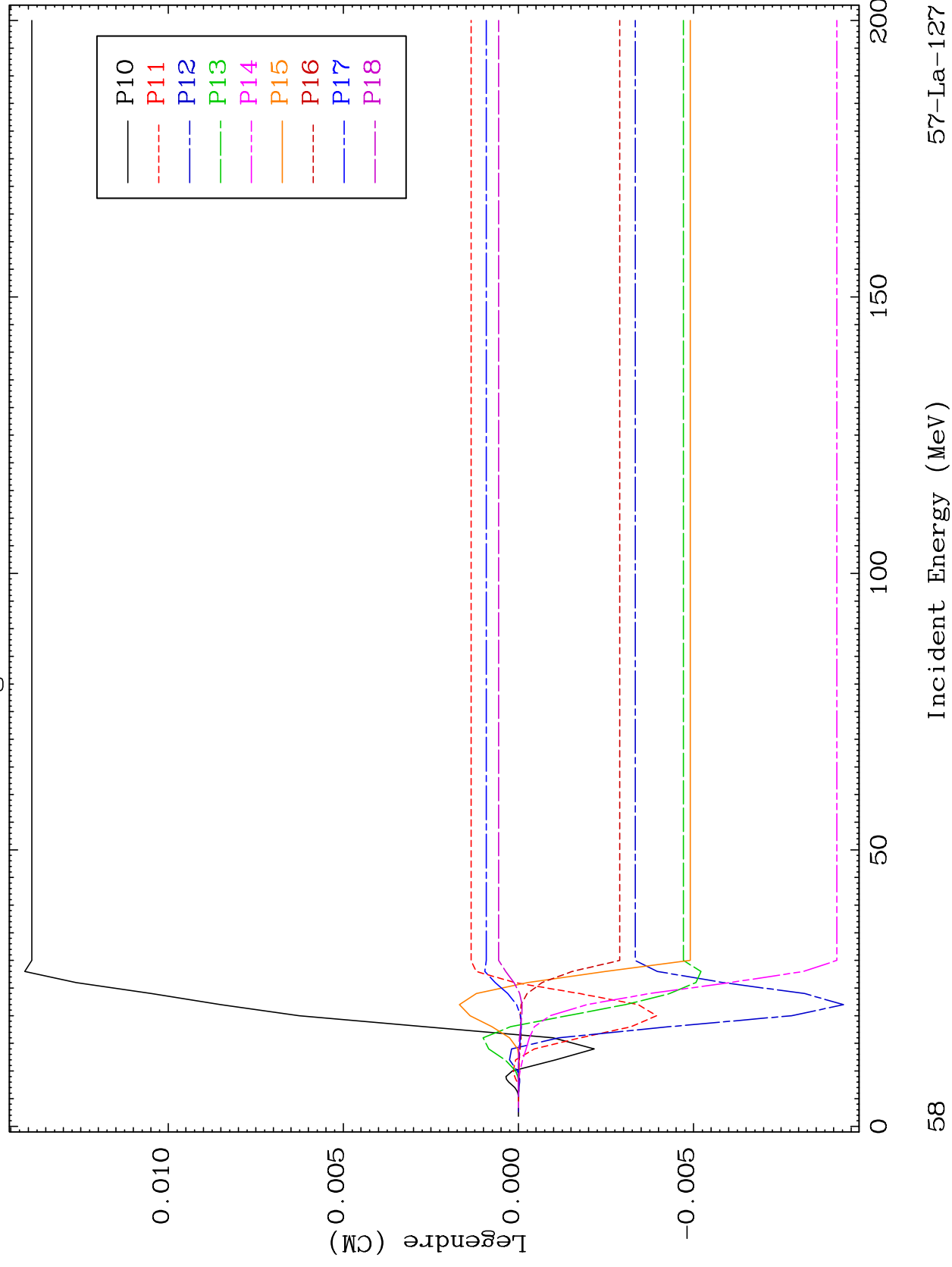




MAT 5692

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

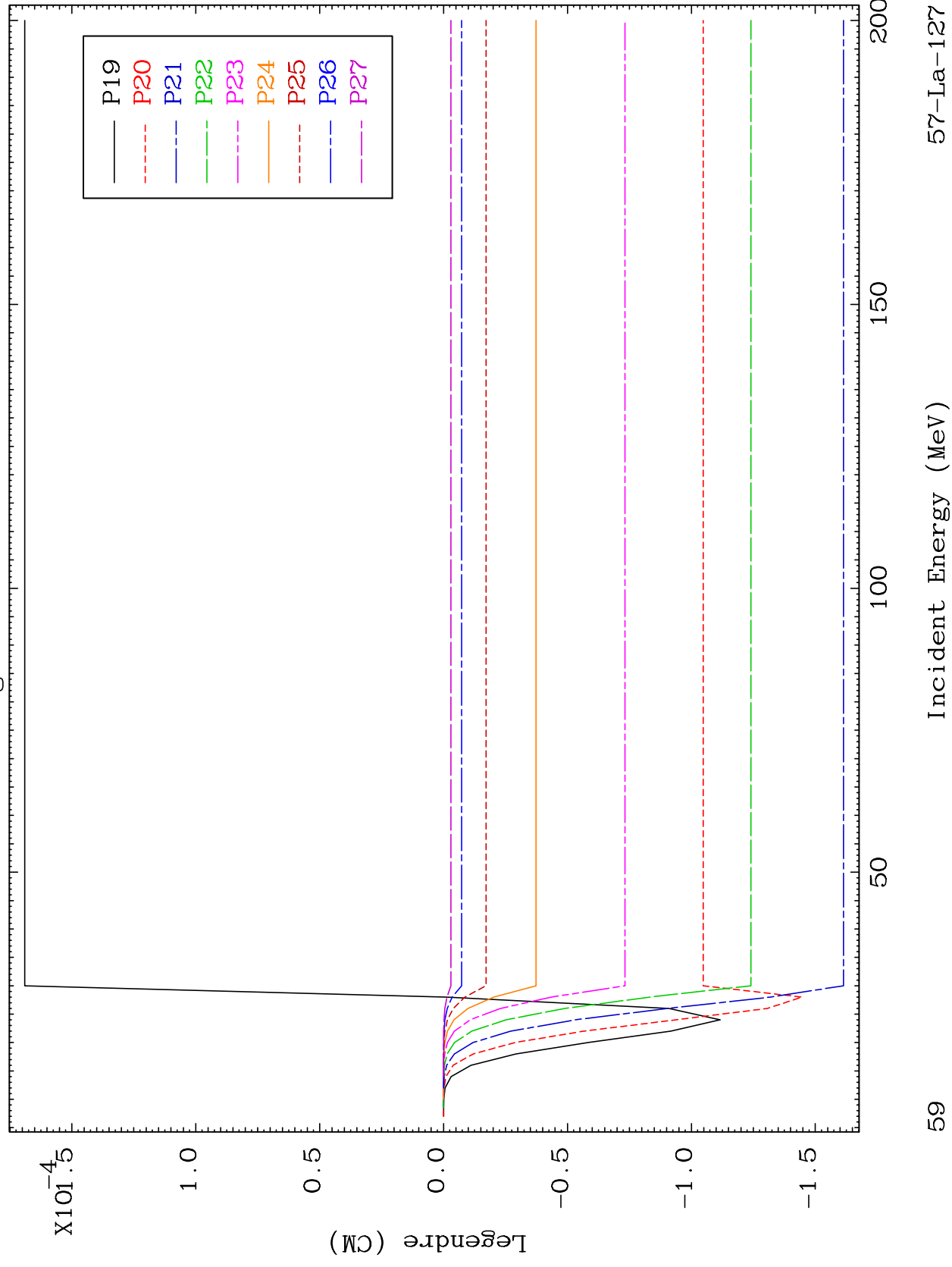
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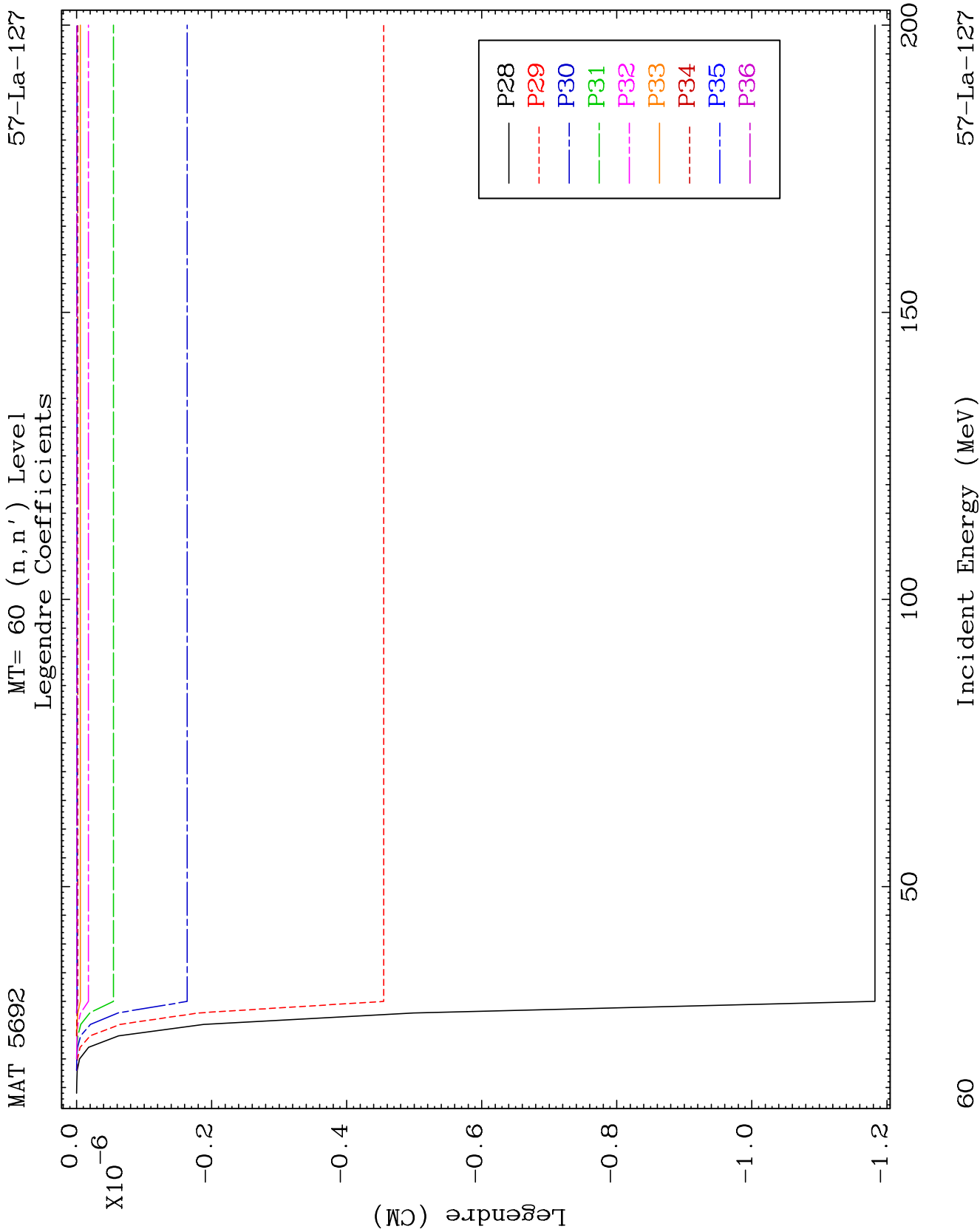


MAT 5692

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

57-La-127

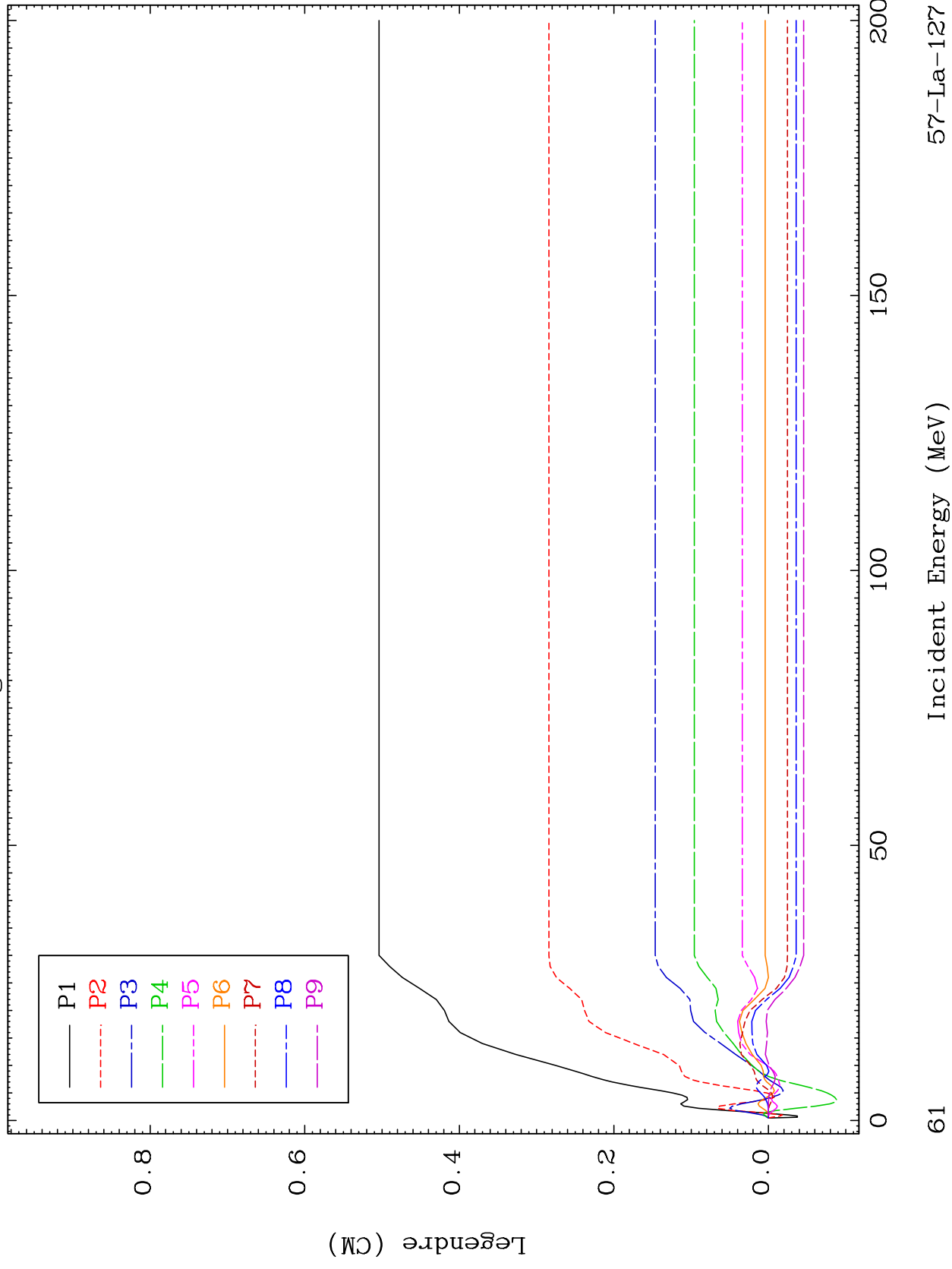


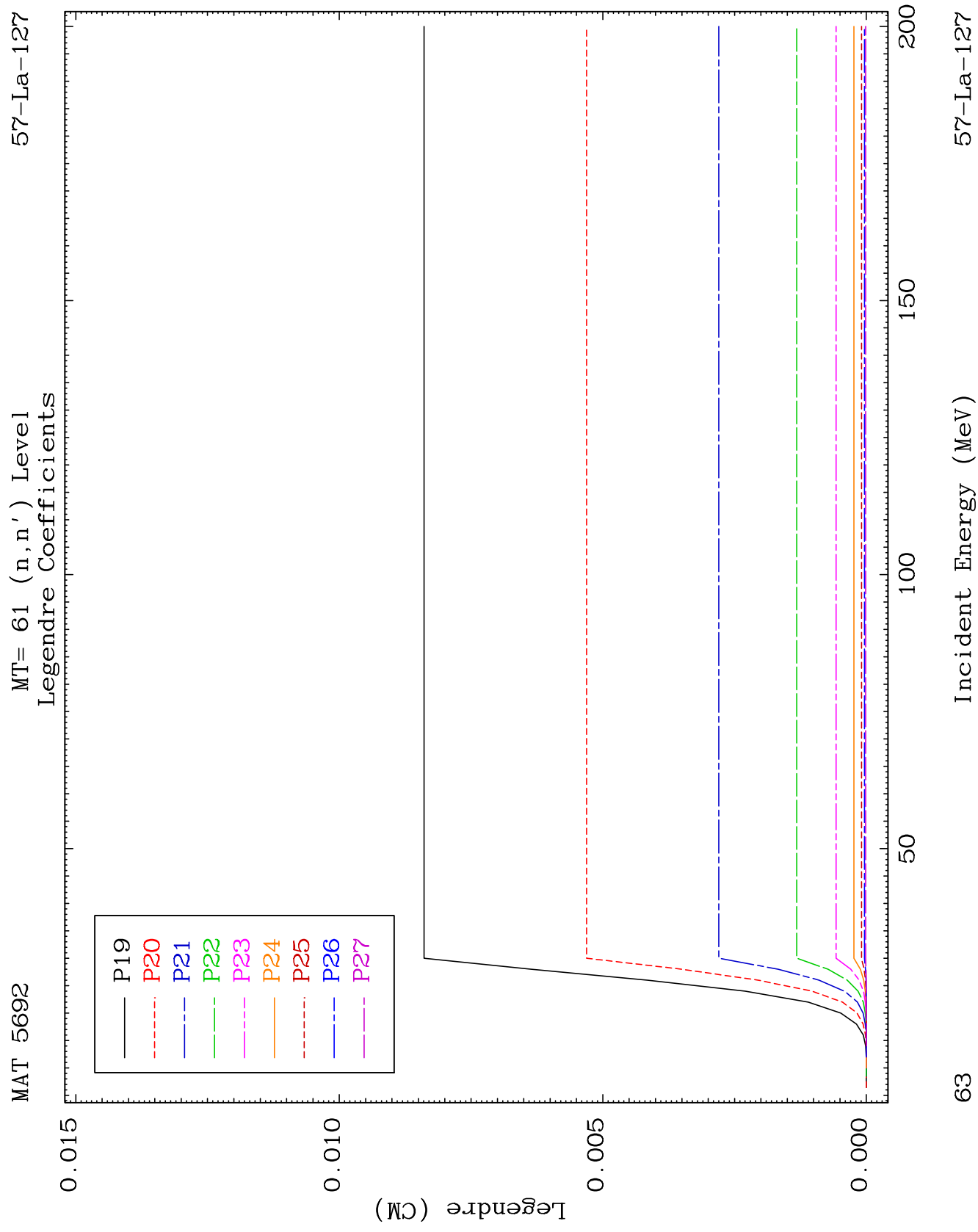


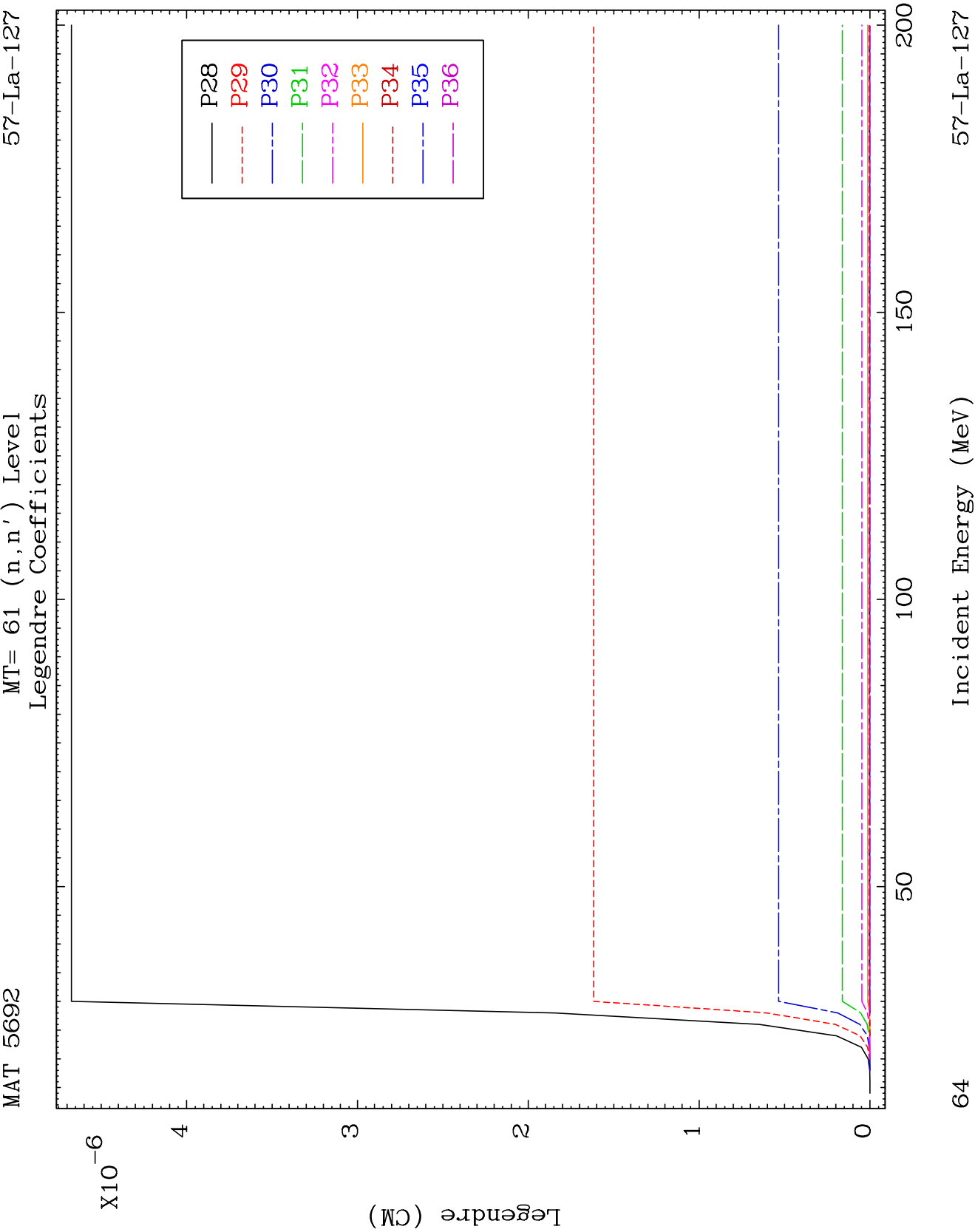
MAT 5692

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

57-La-127



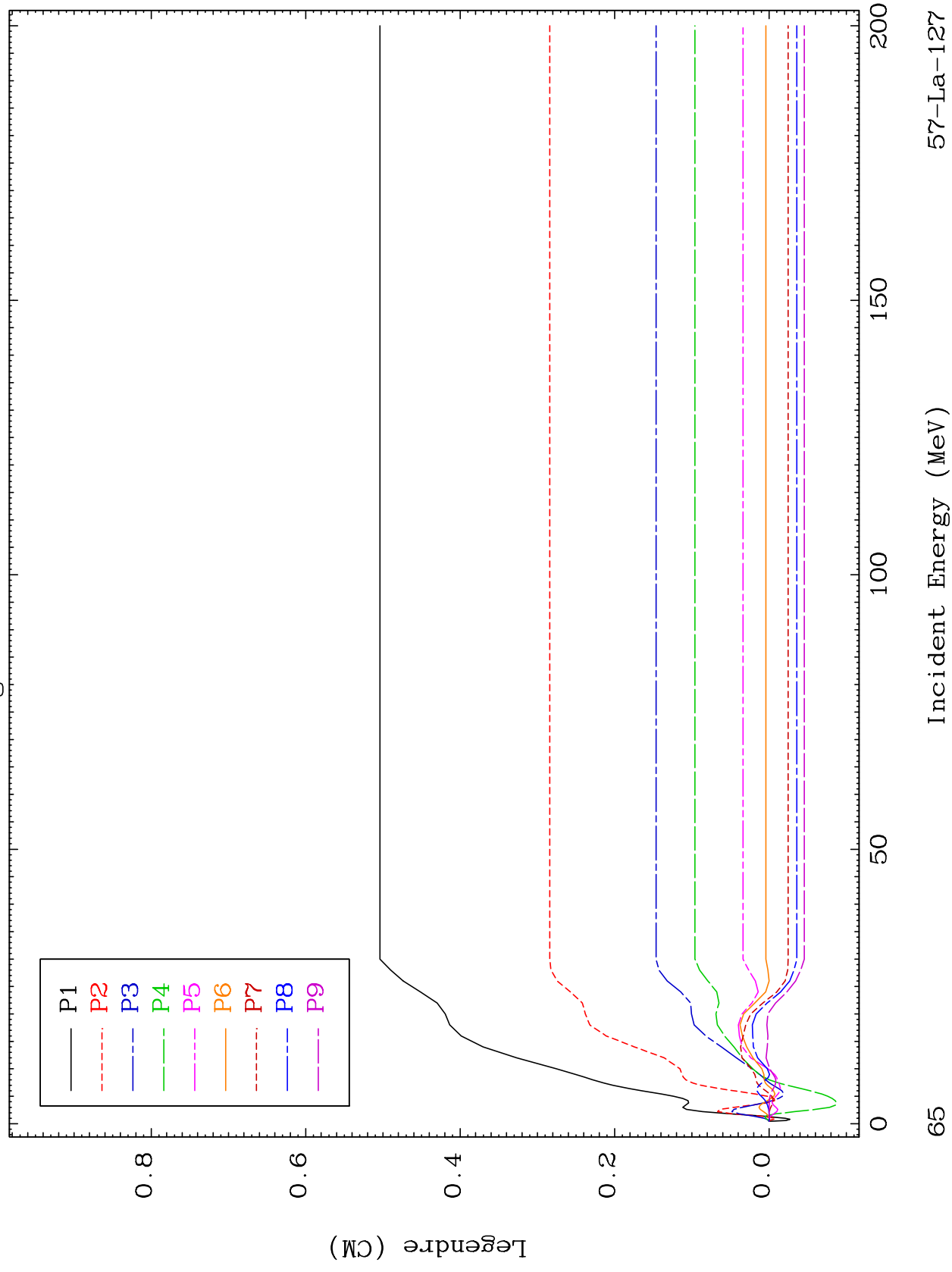




MAT 5692

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

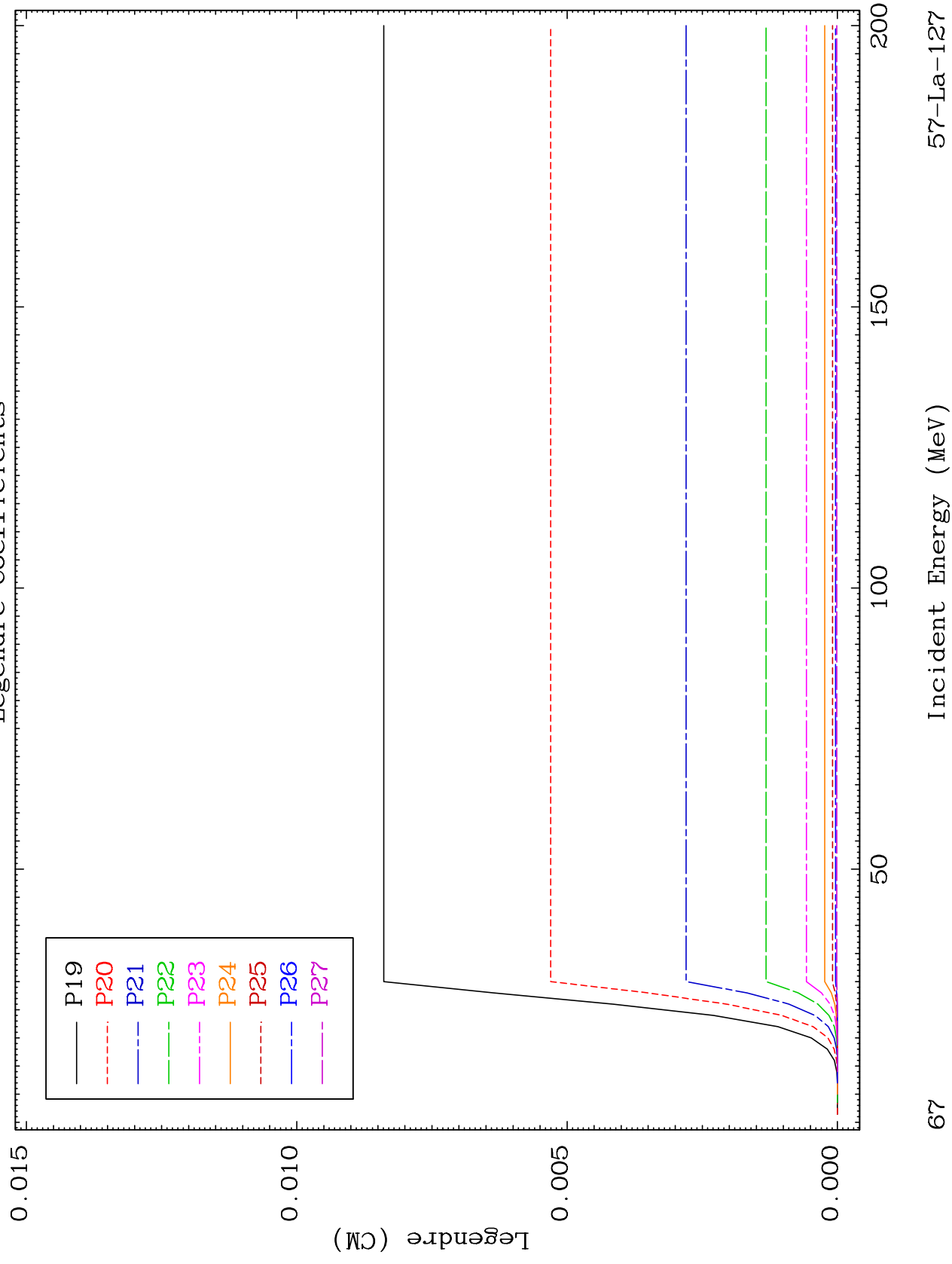
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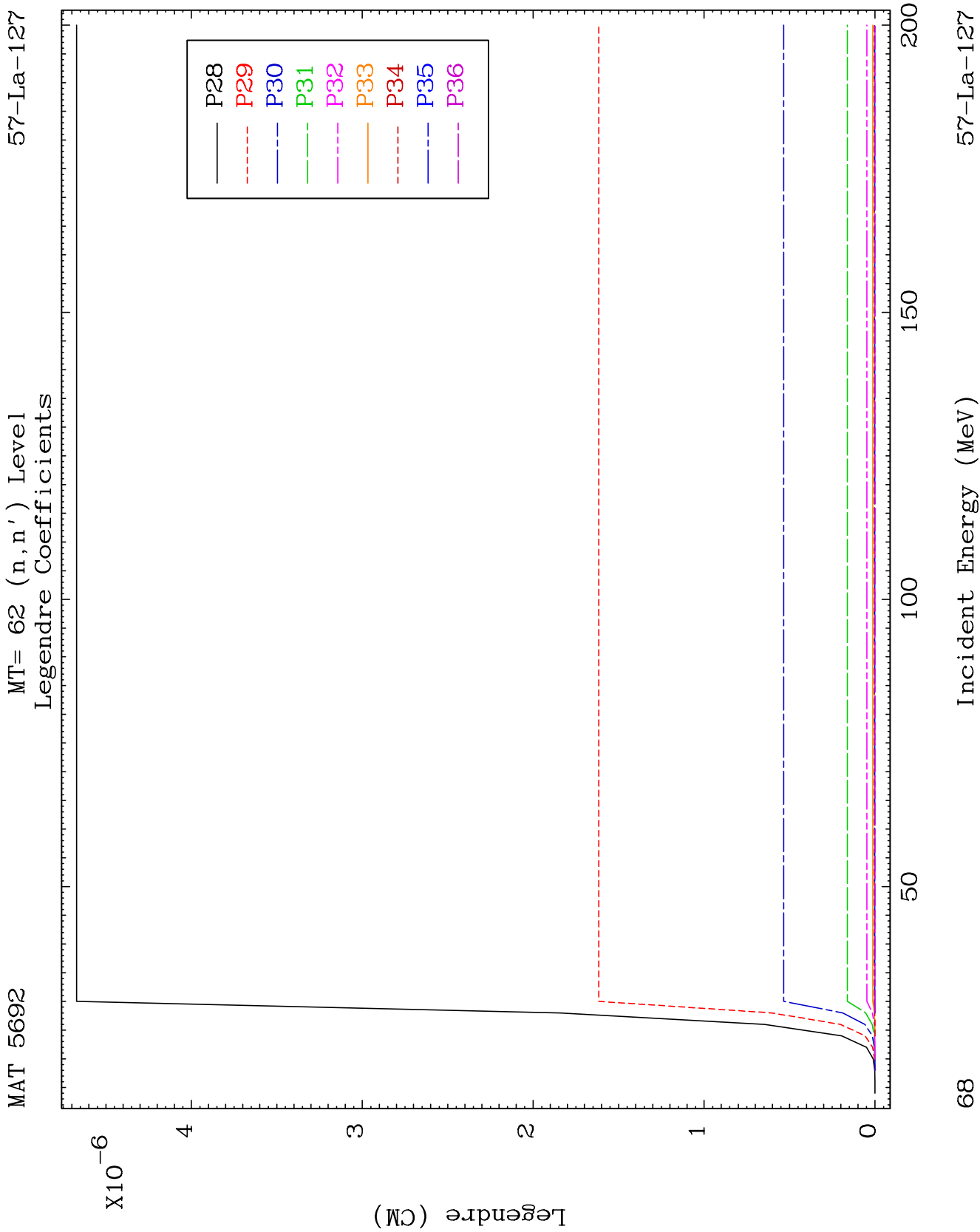


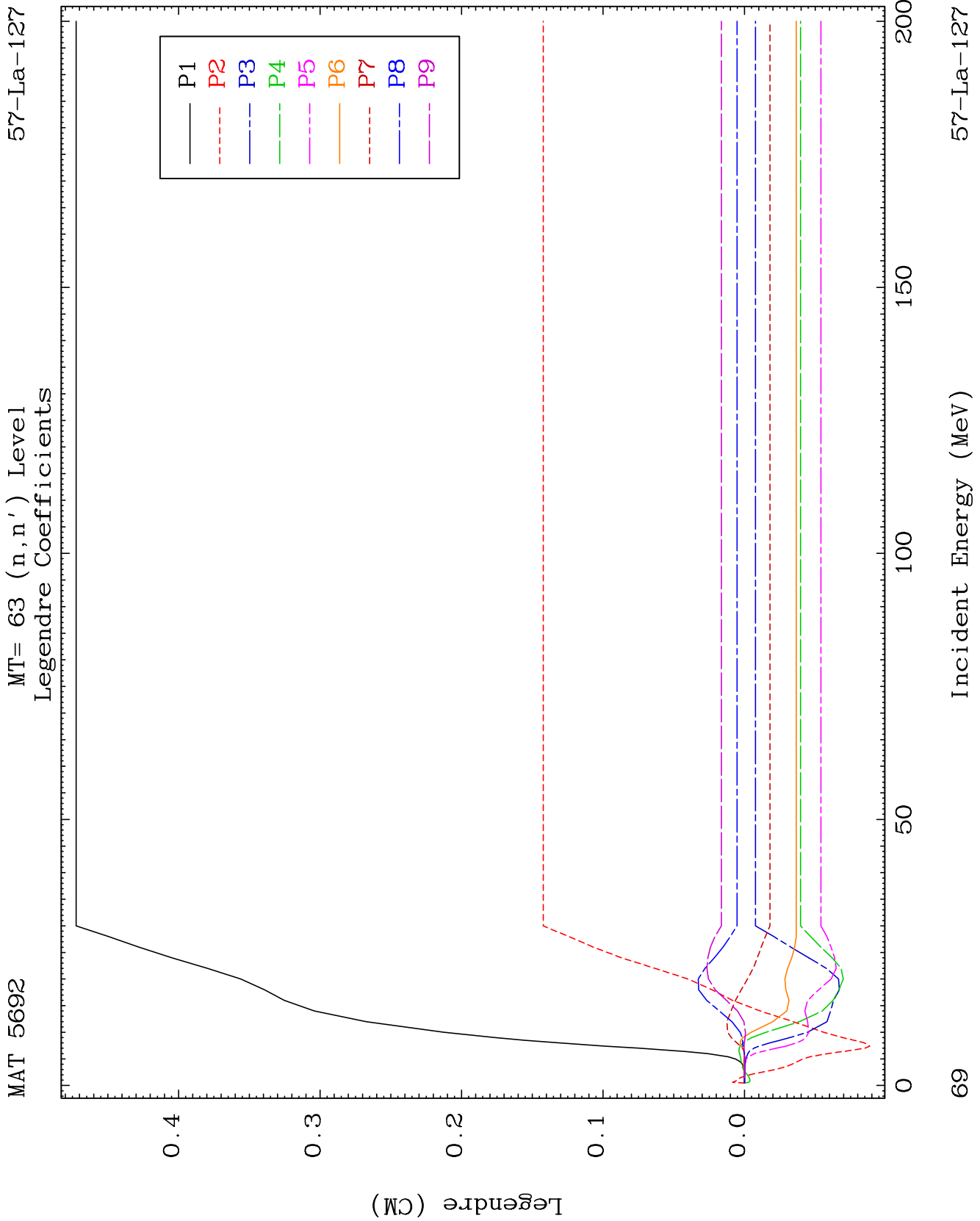
MAT 5692

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

57-La-127



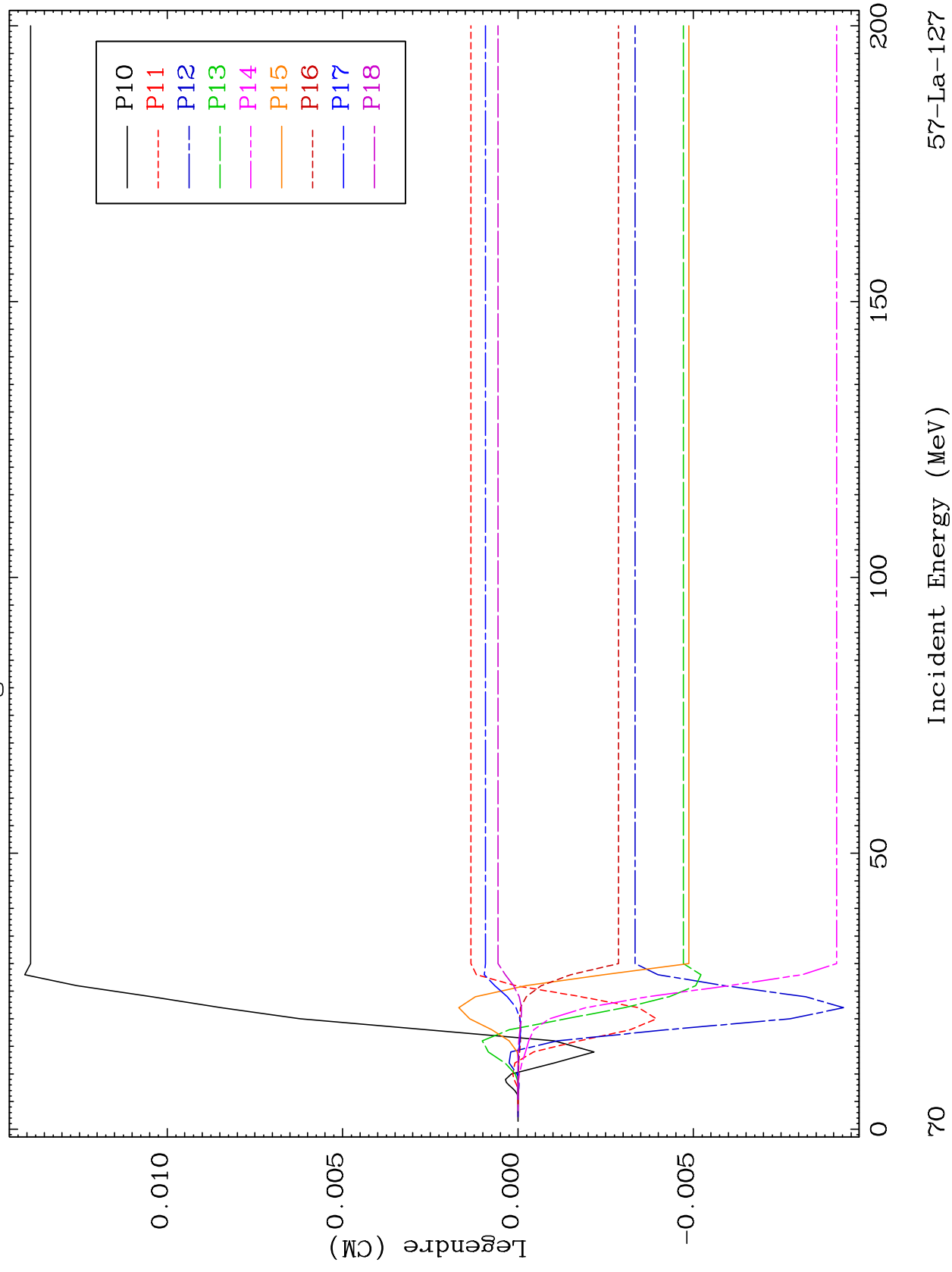


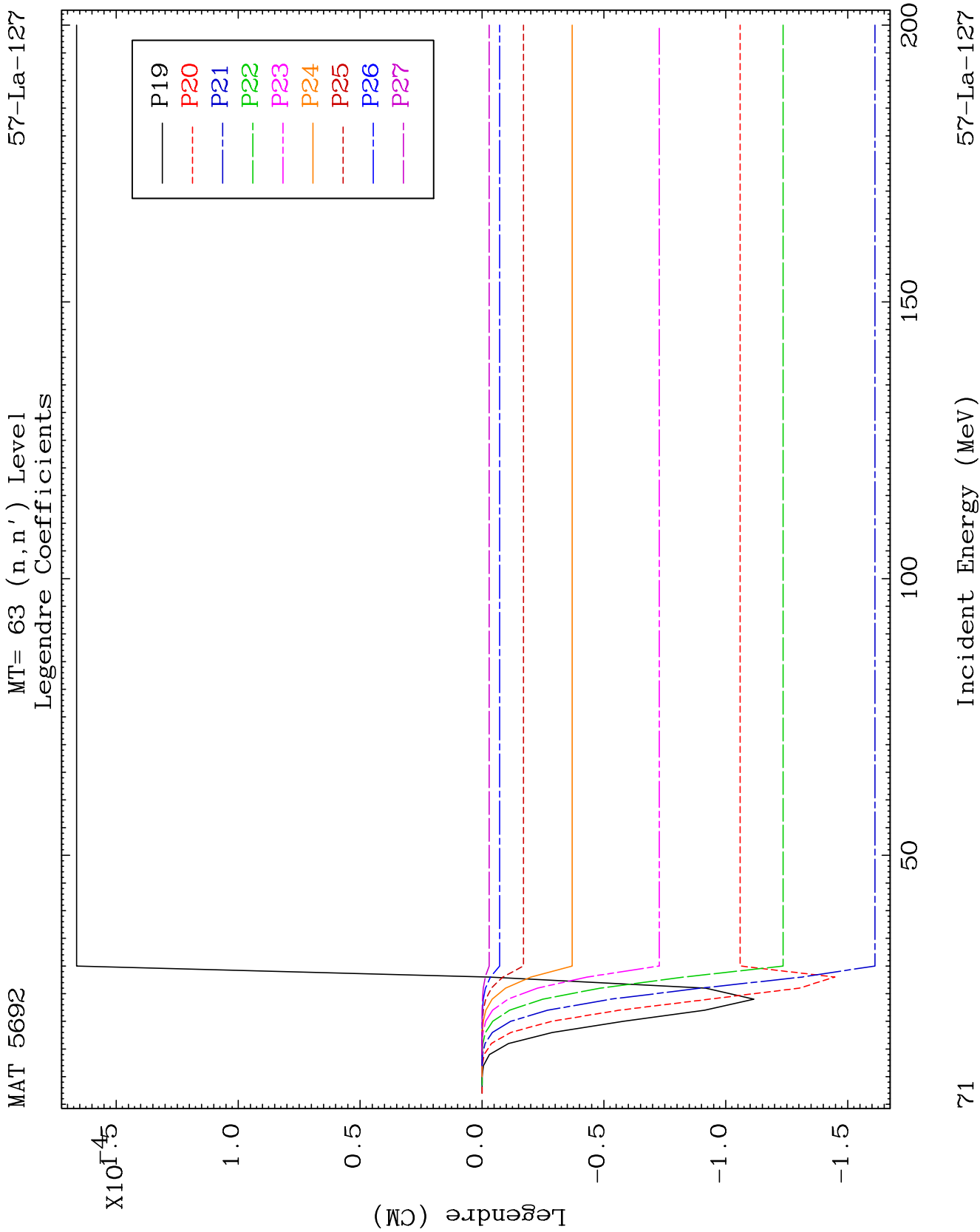


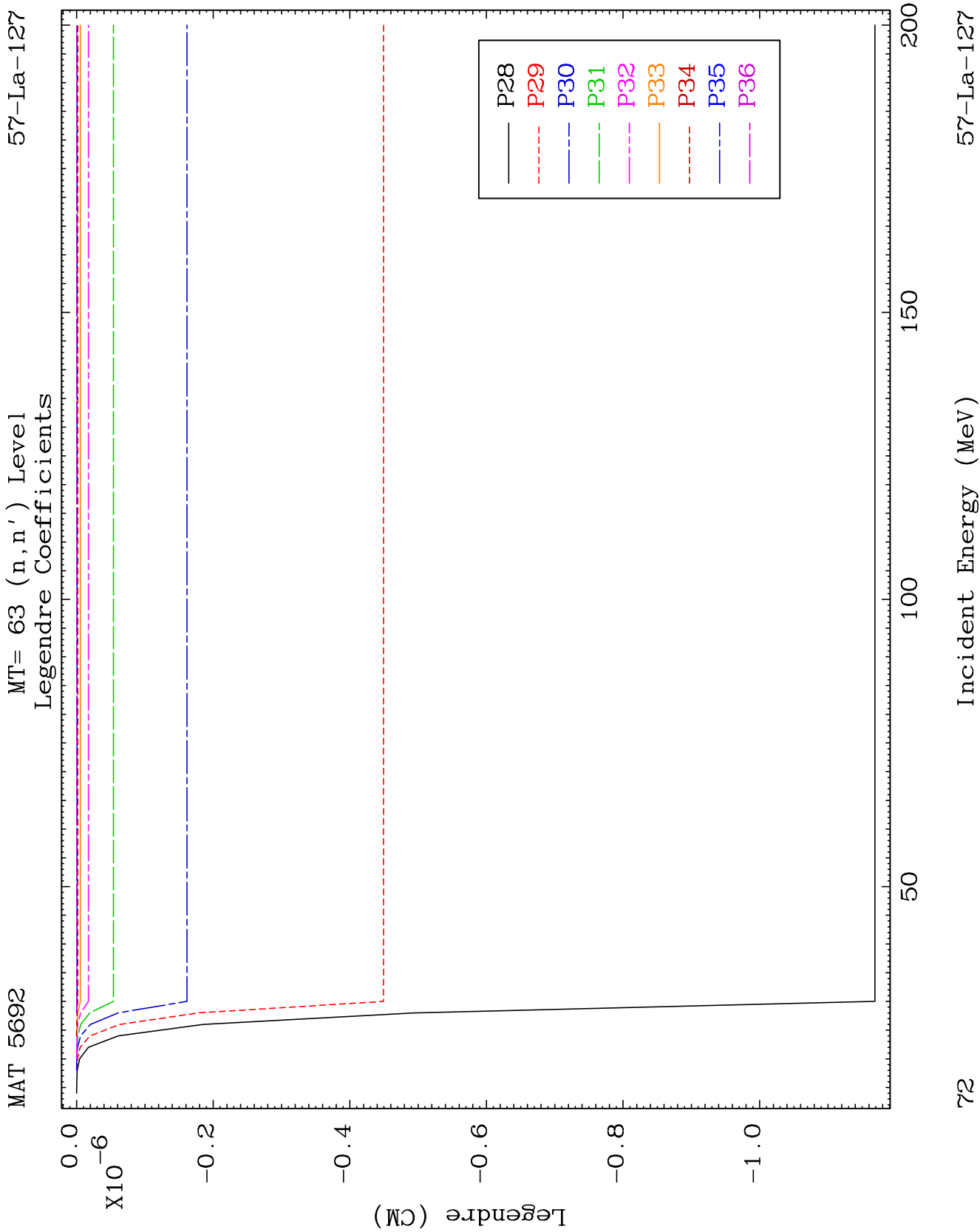
MAT 5692

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

57-La-127



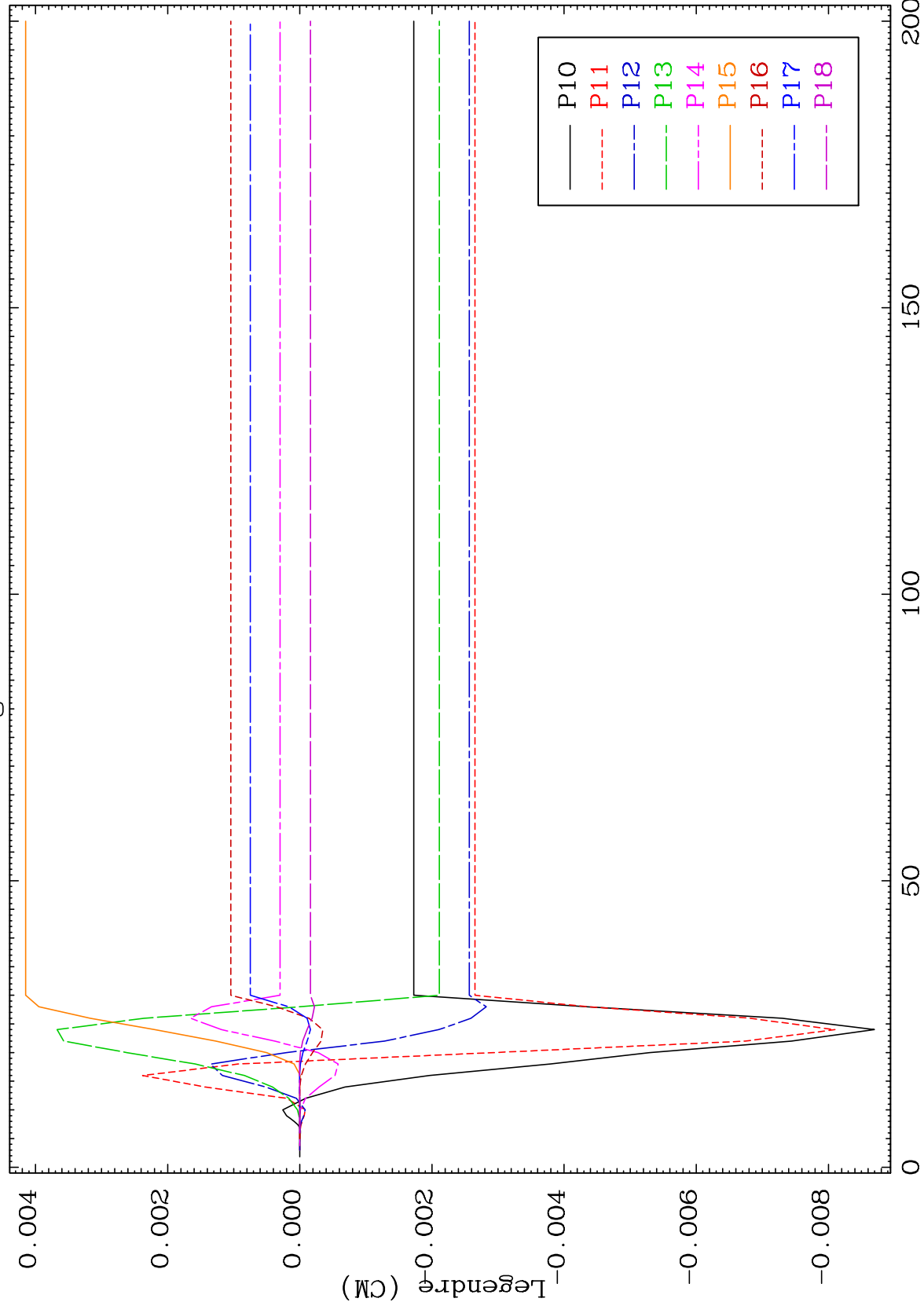




MAT 5692

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

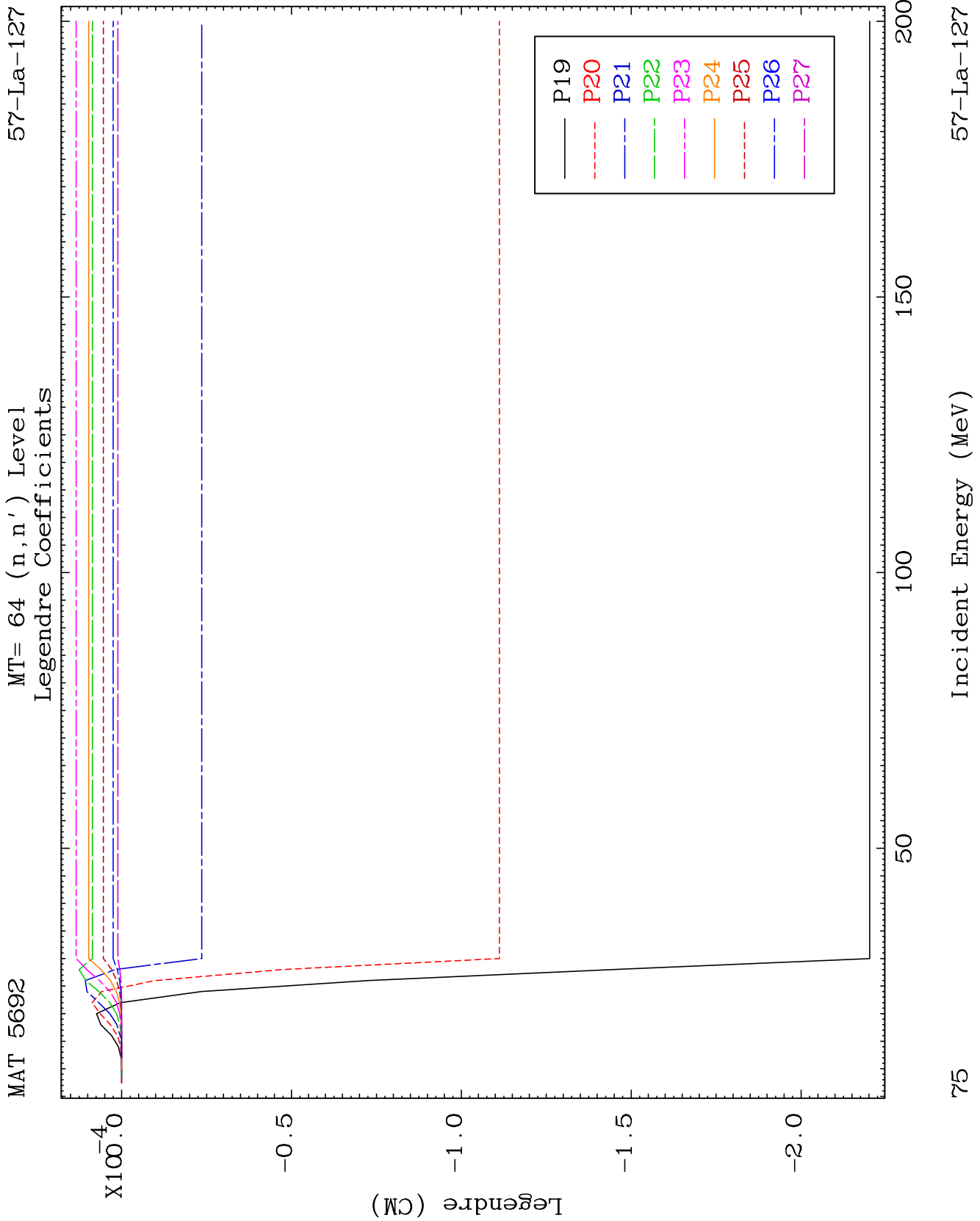
57-La-127

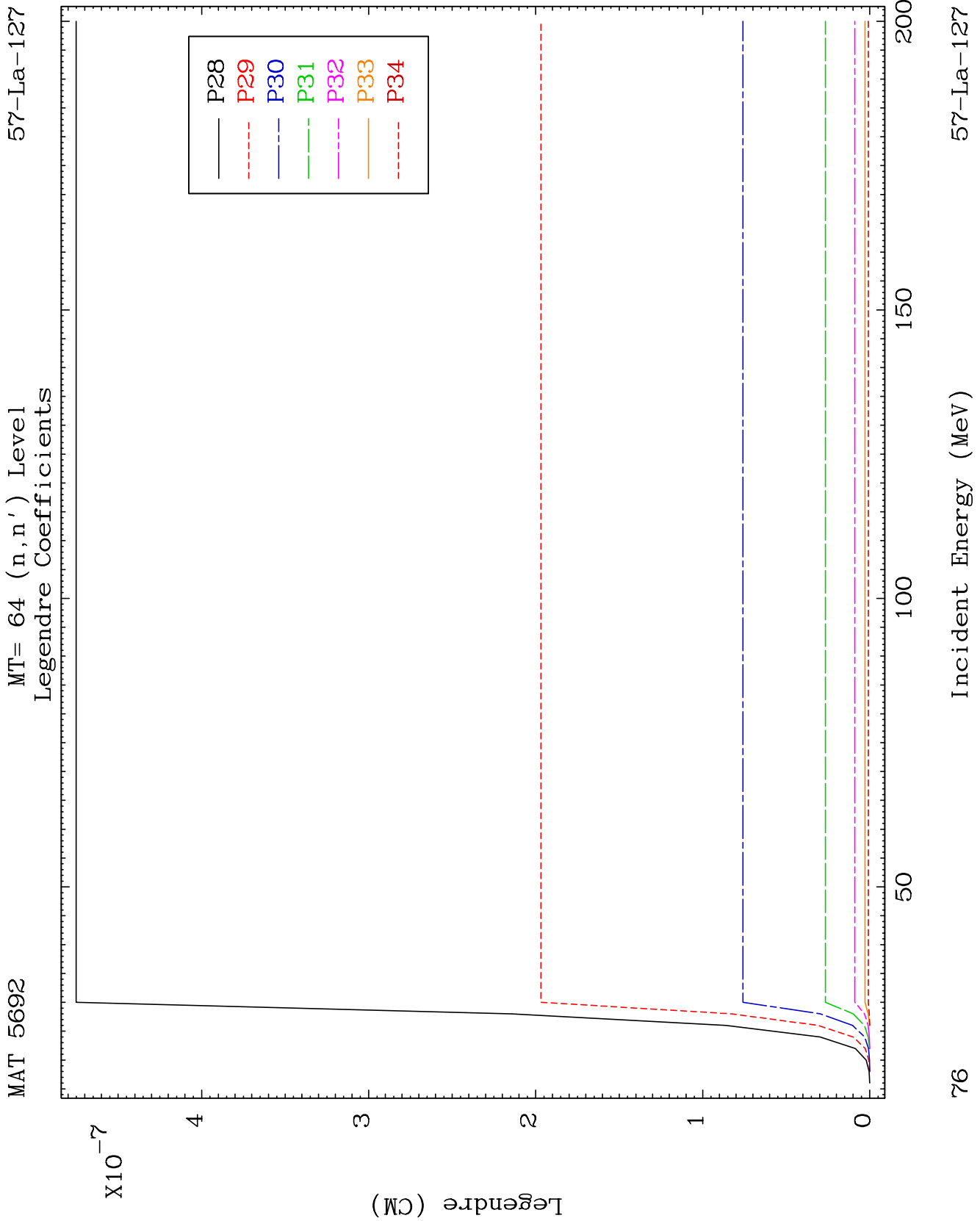


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Incident Energy (MeV)

57-La-127

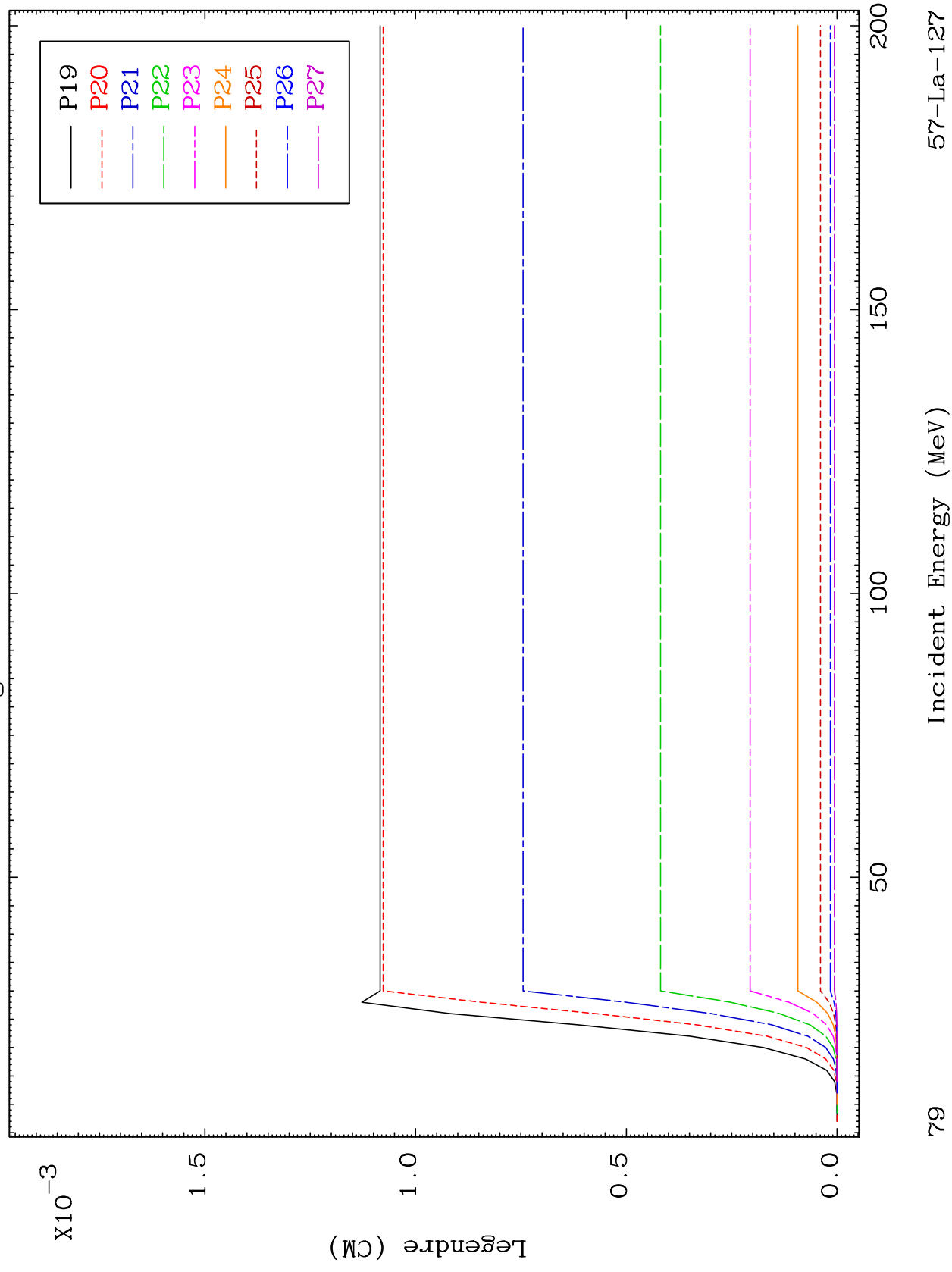


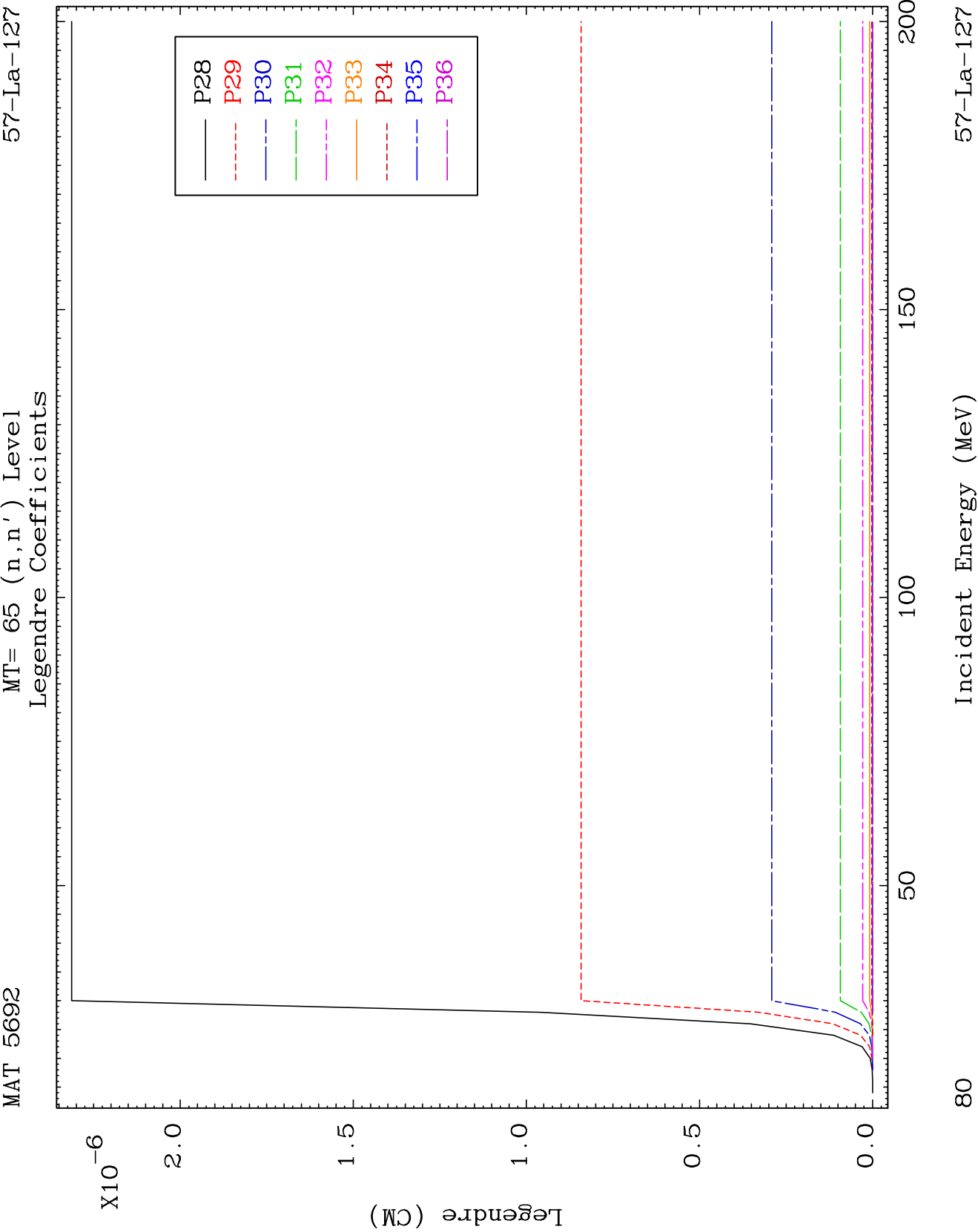


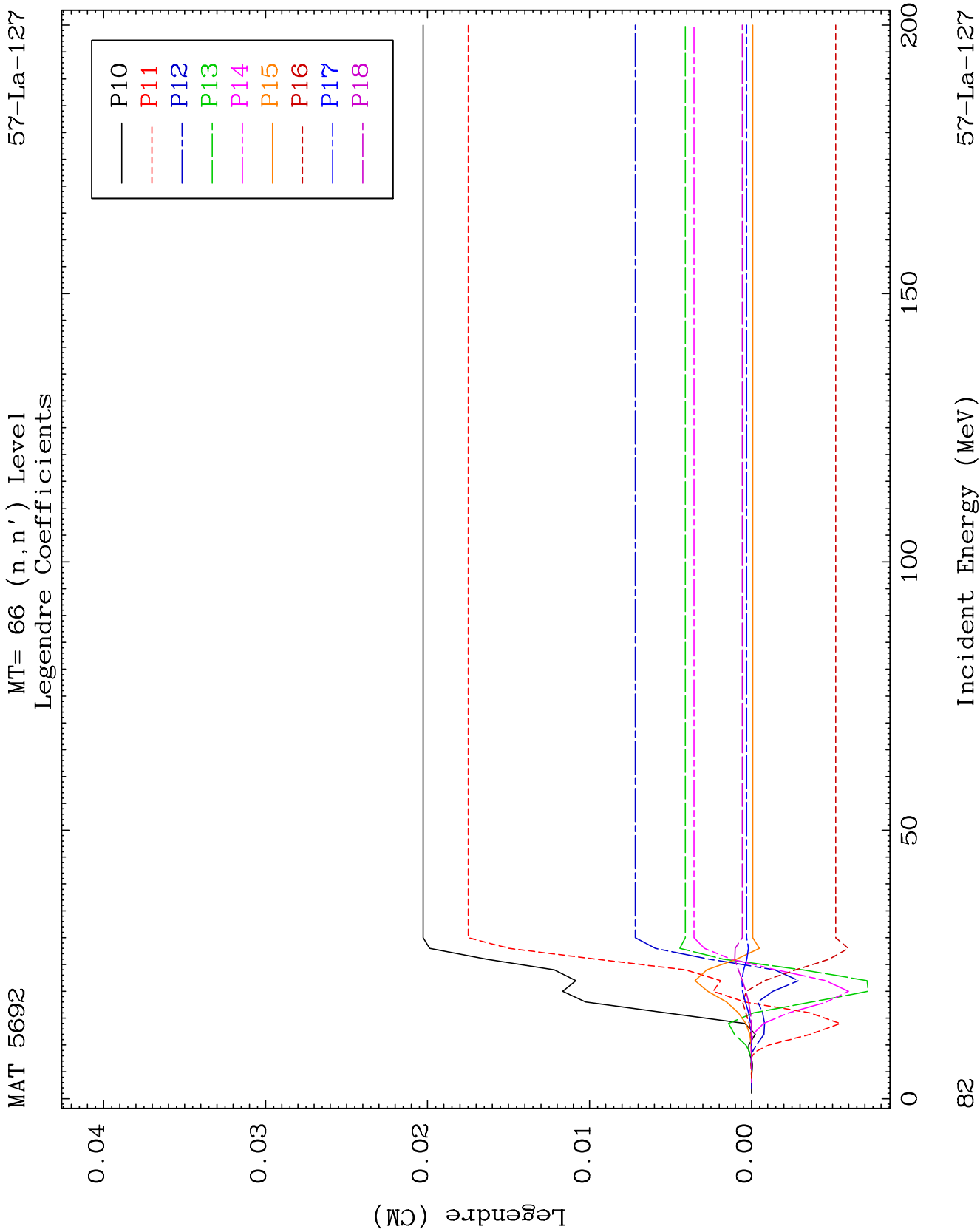
MAT 5692

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

57-La-127



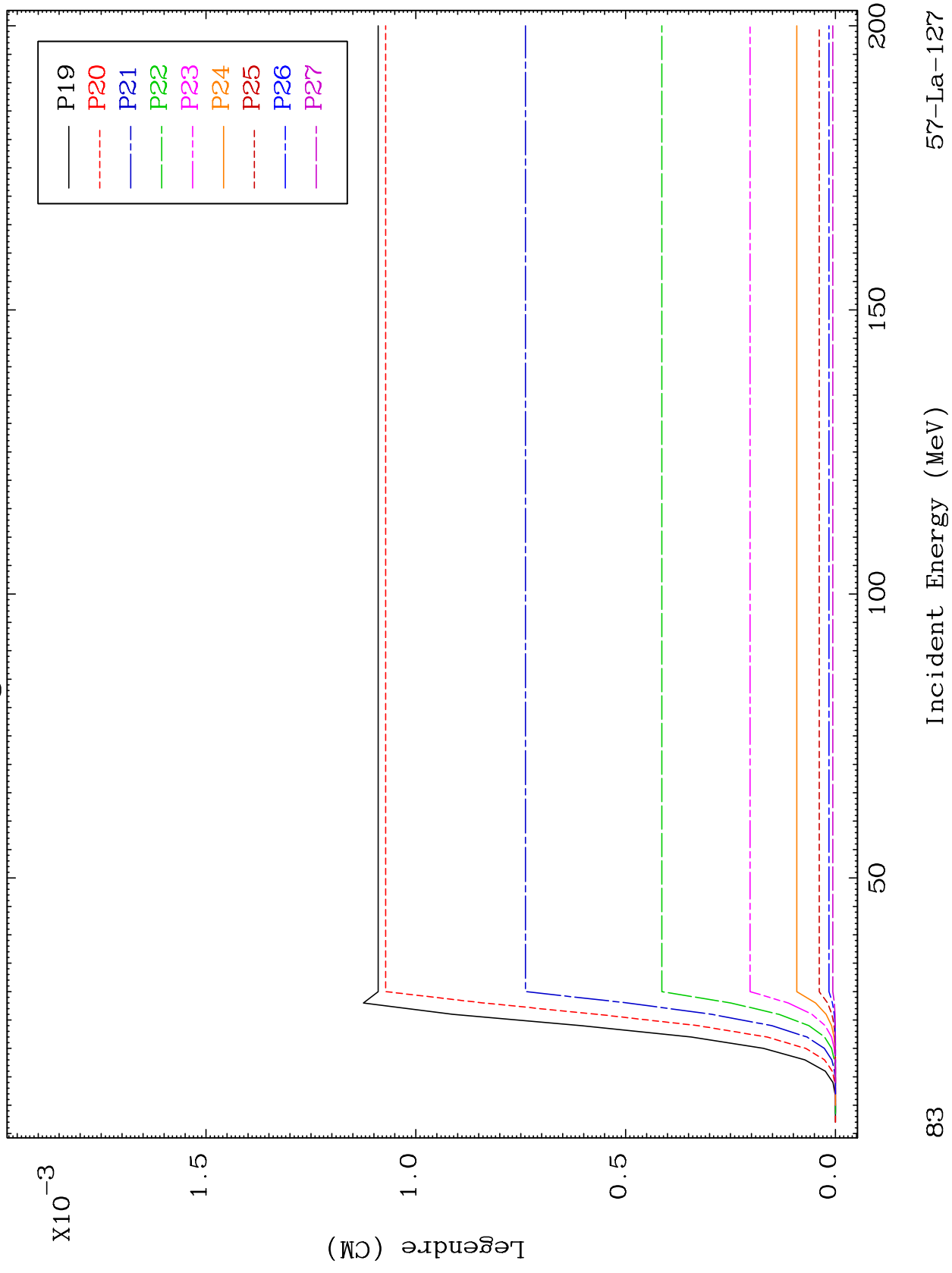


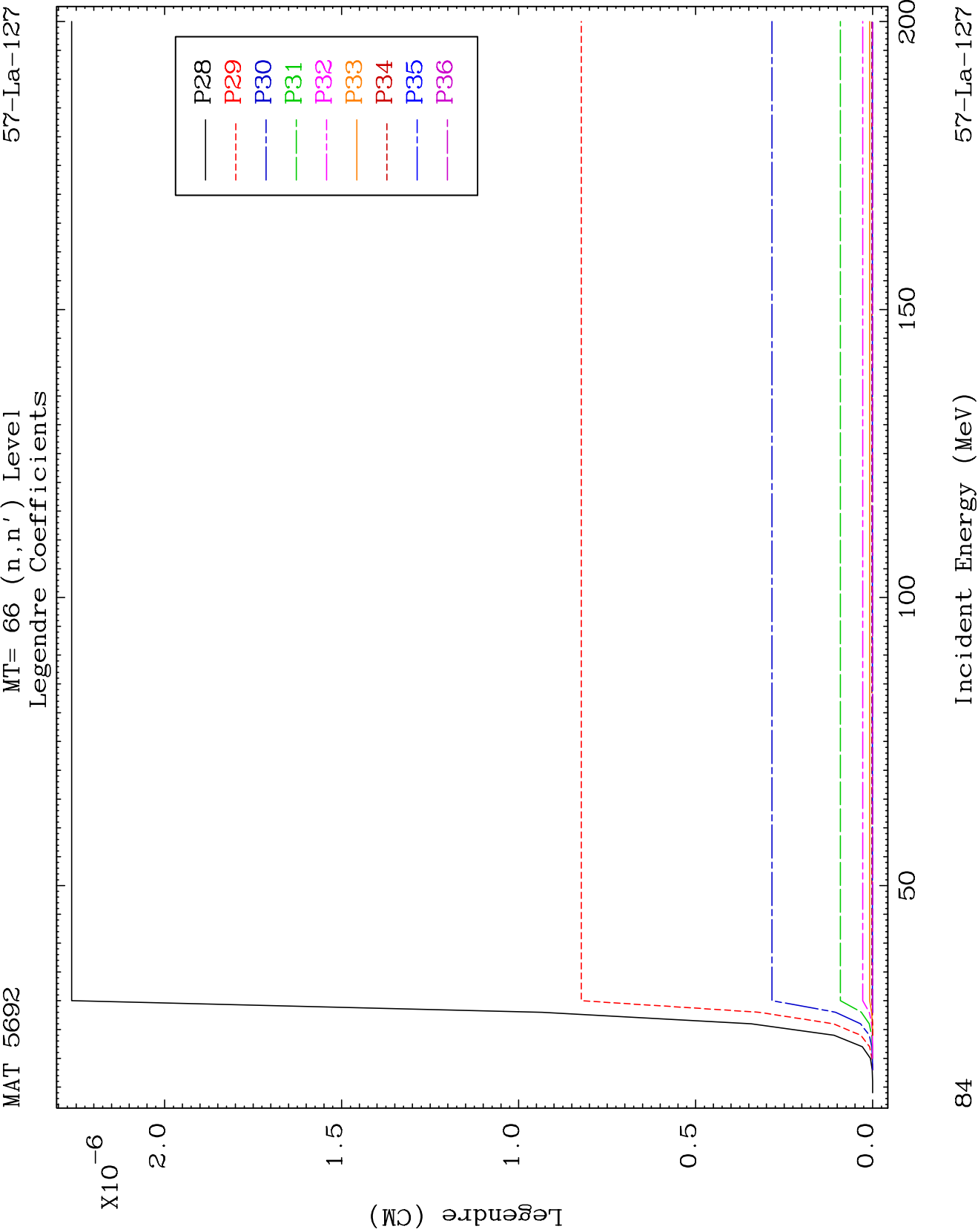


MAT 5692

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

57-La-127

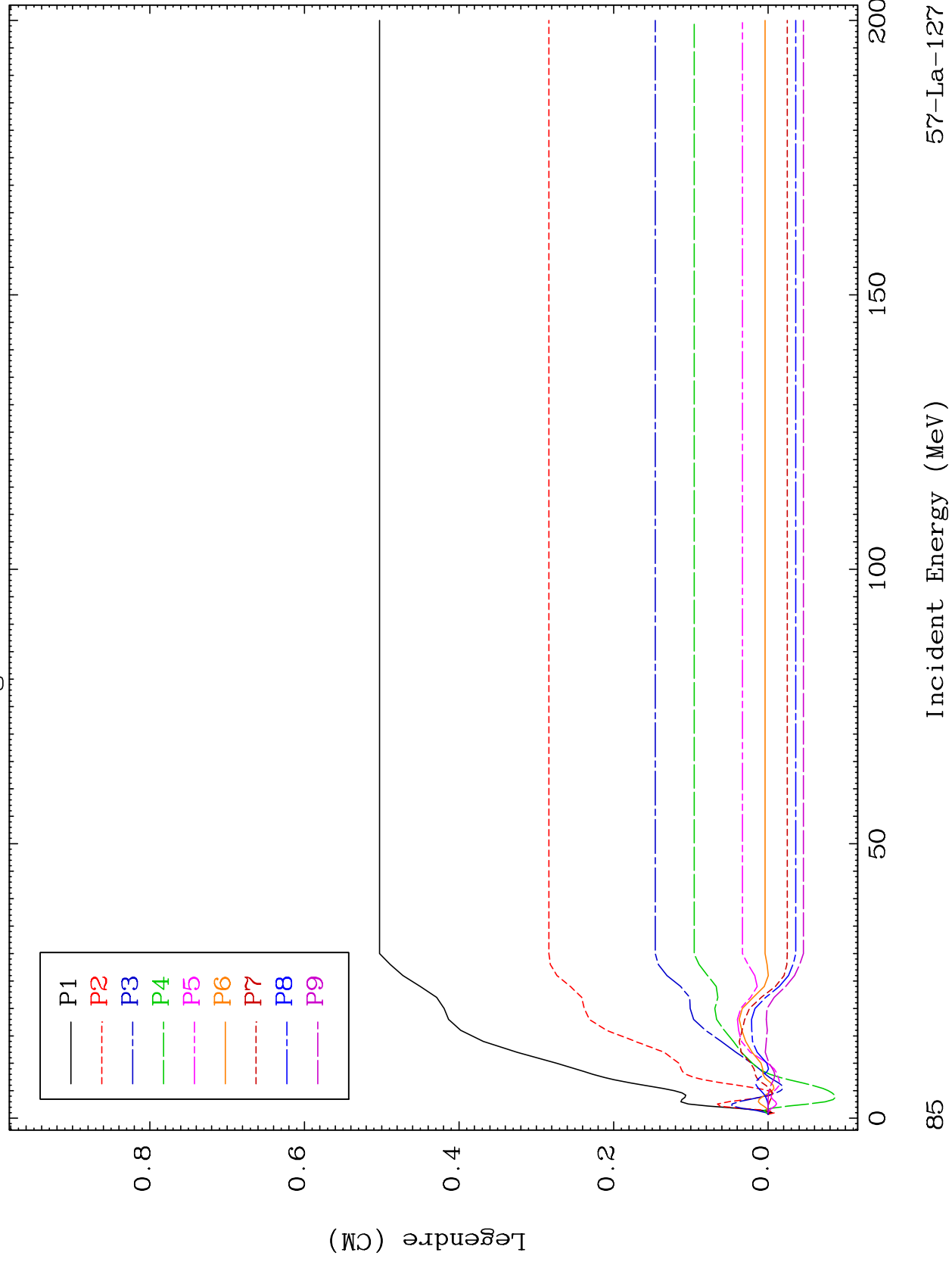


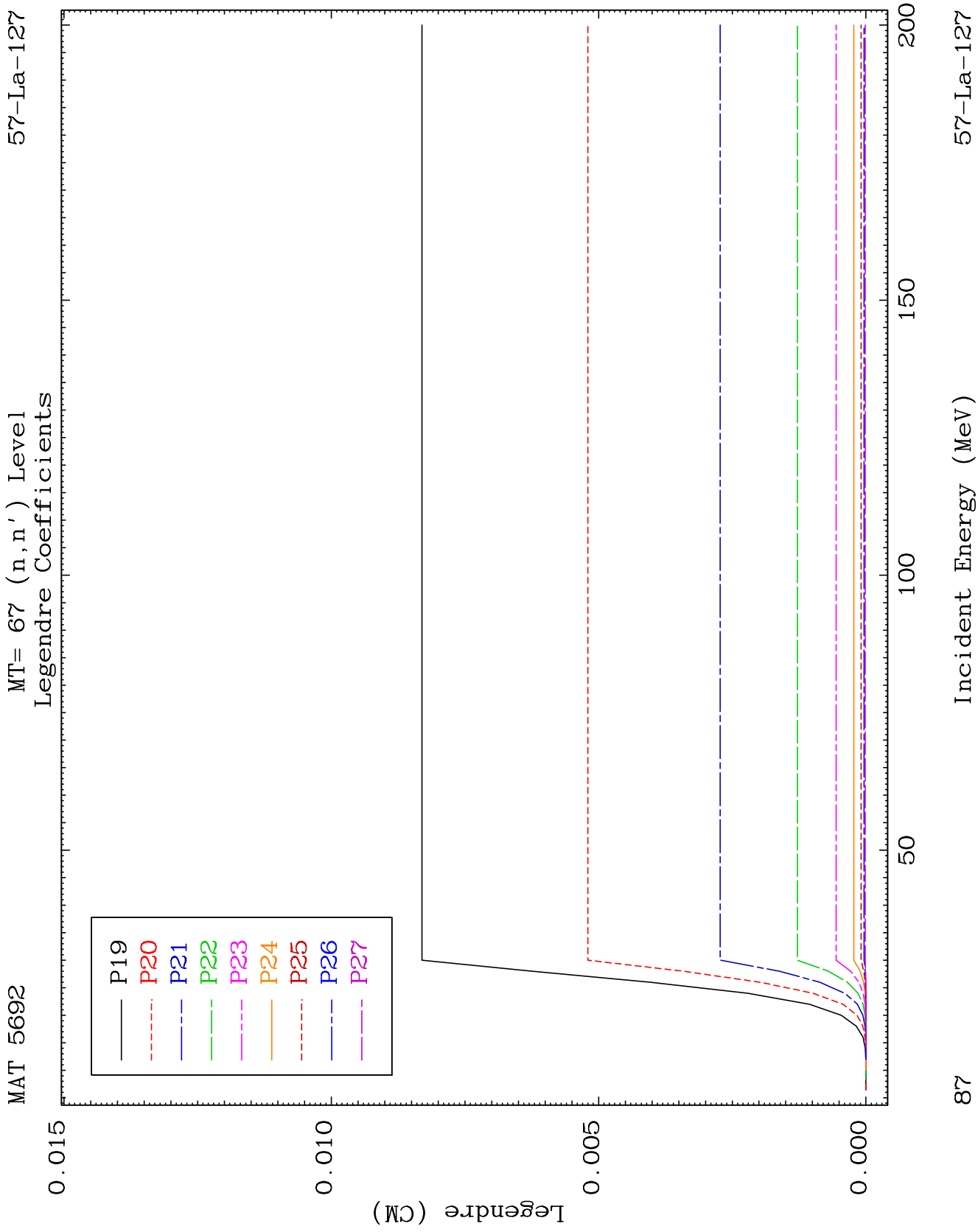


MAT 5692

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

57-La-127

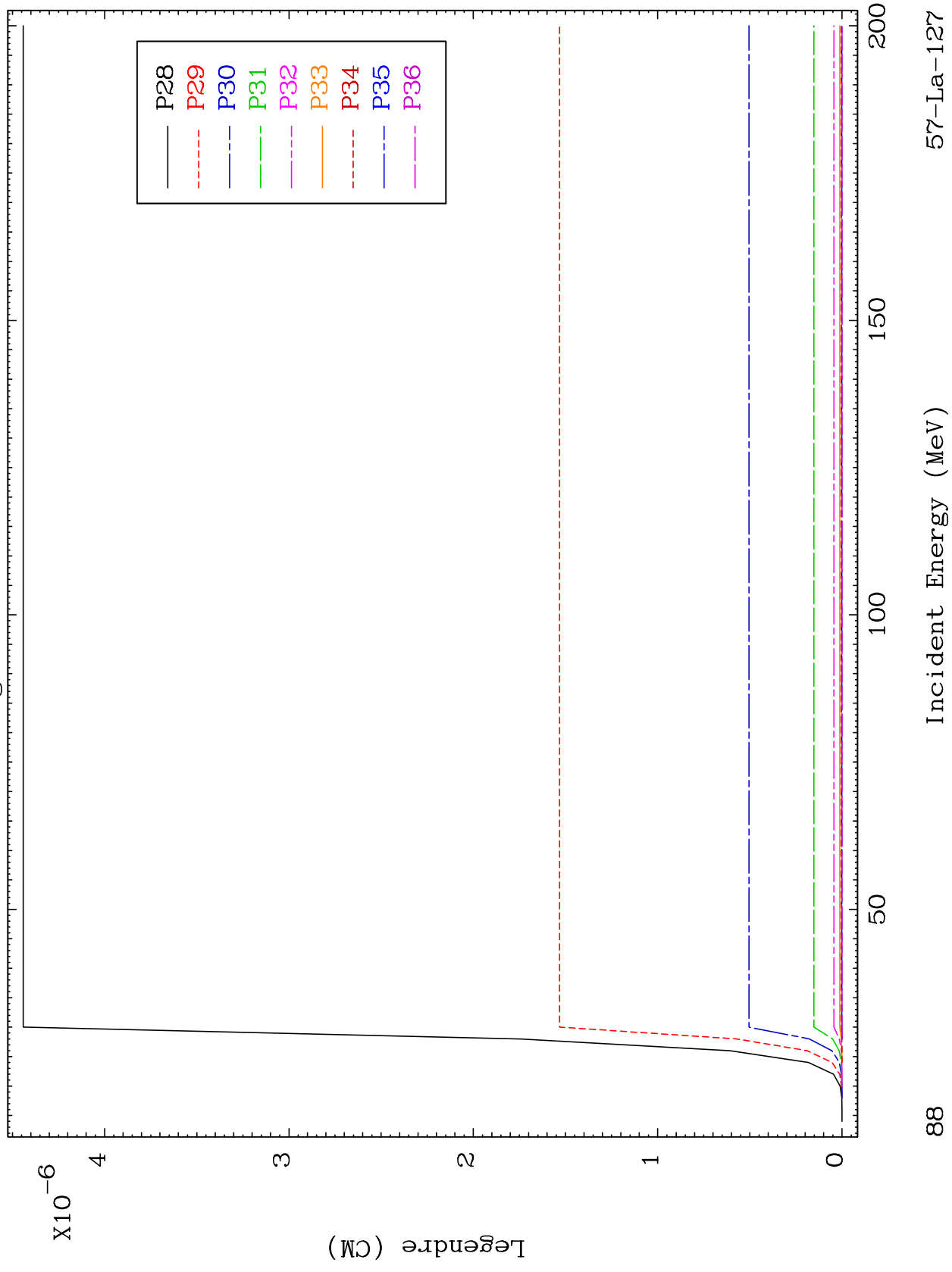


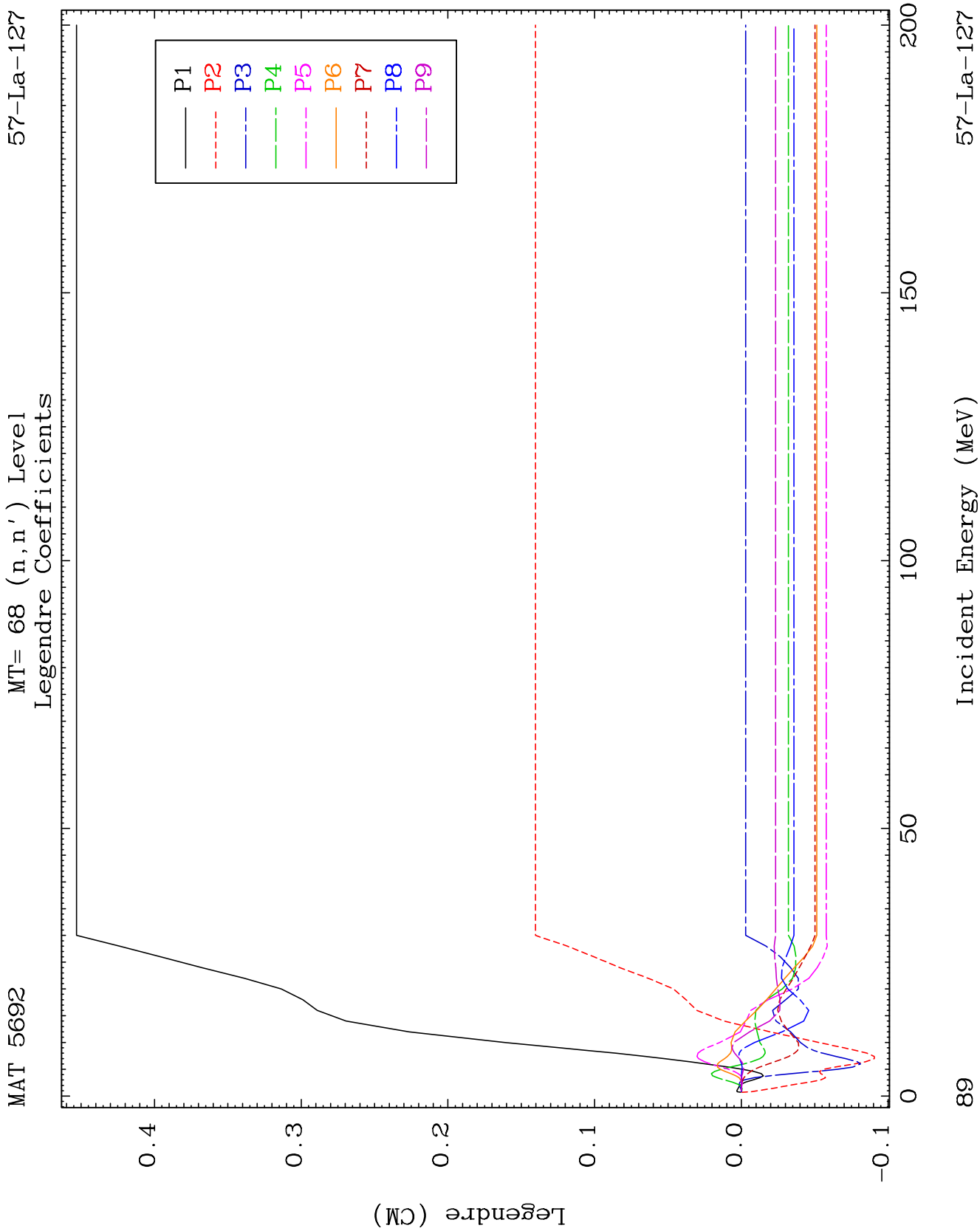


MAT 5692

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

57-La-127

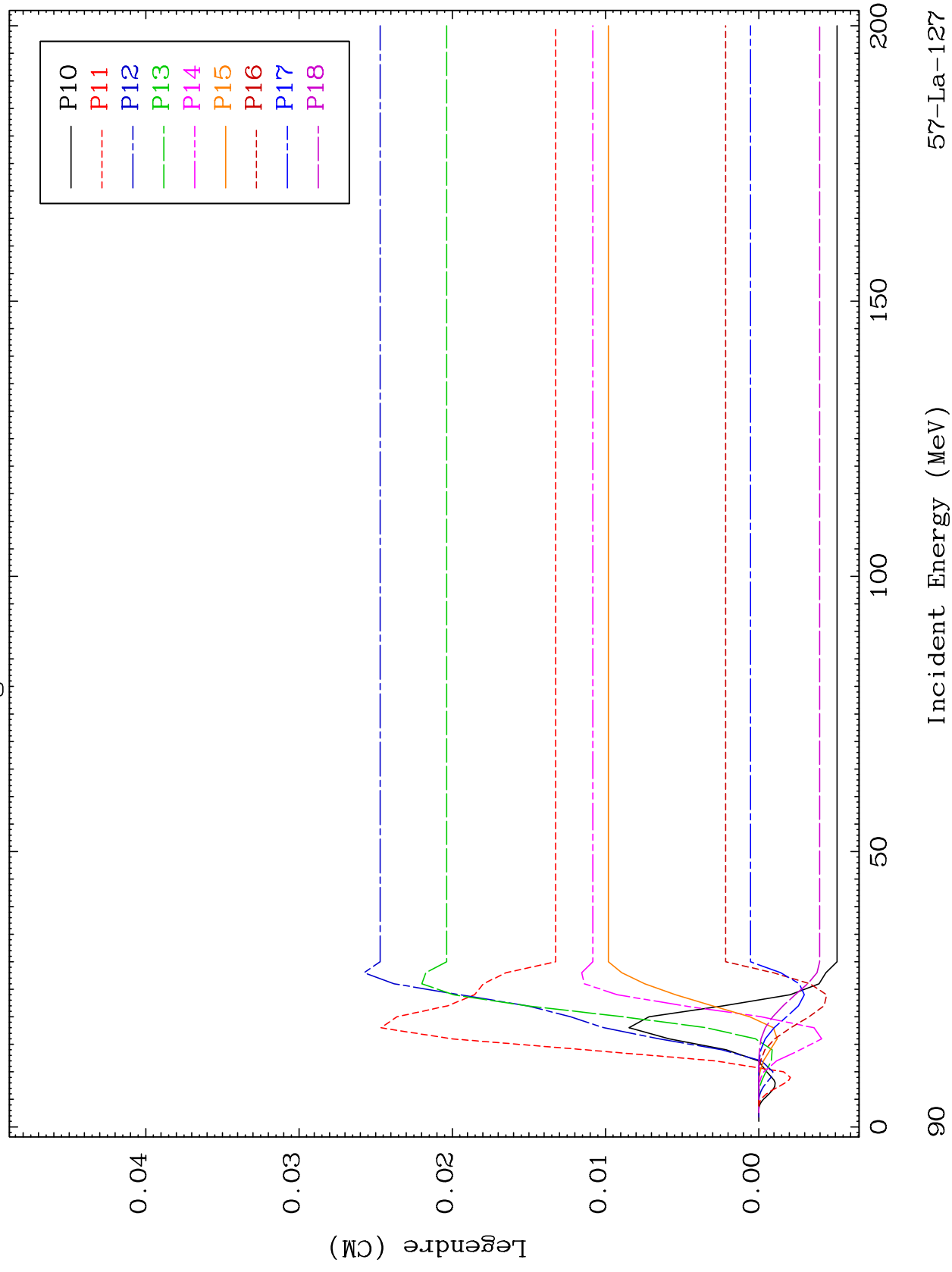


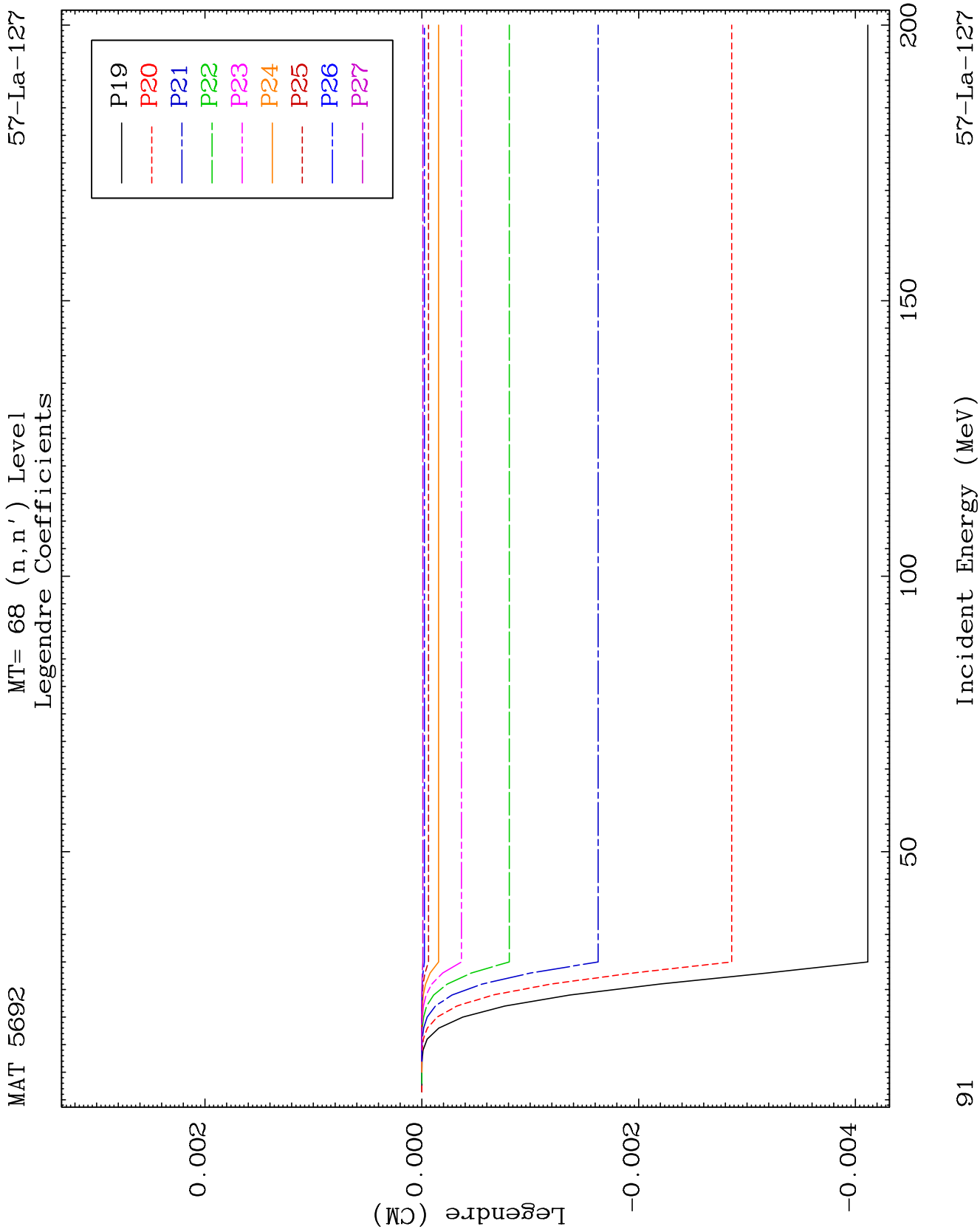


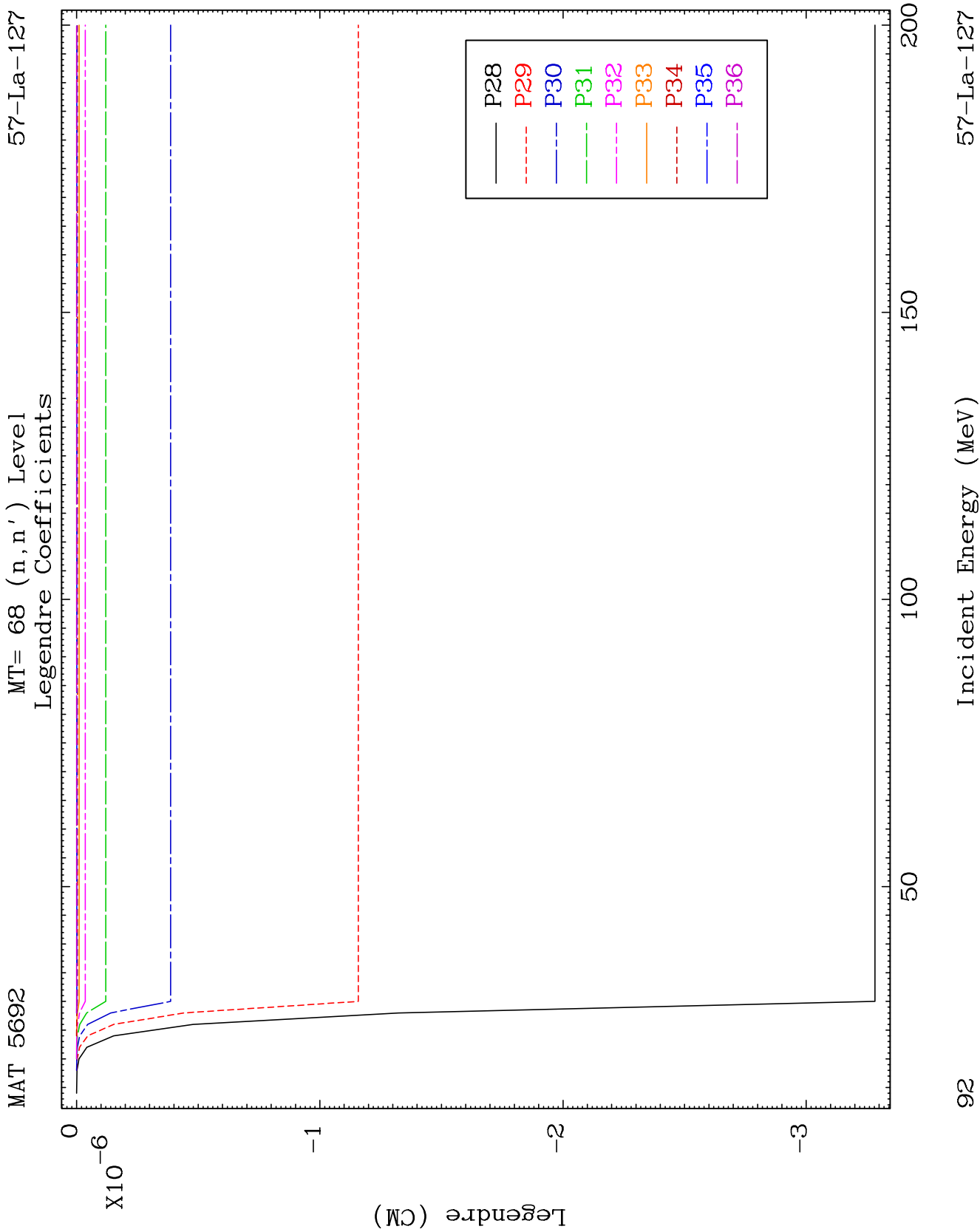
MAT 5692

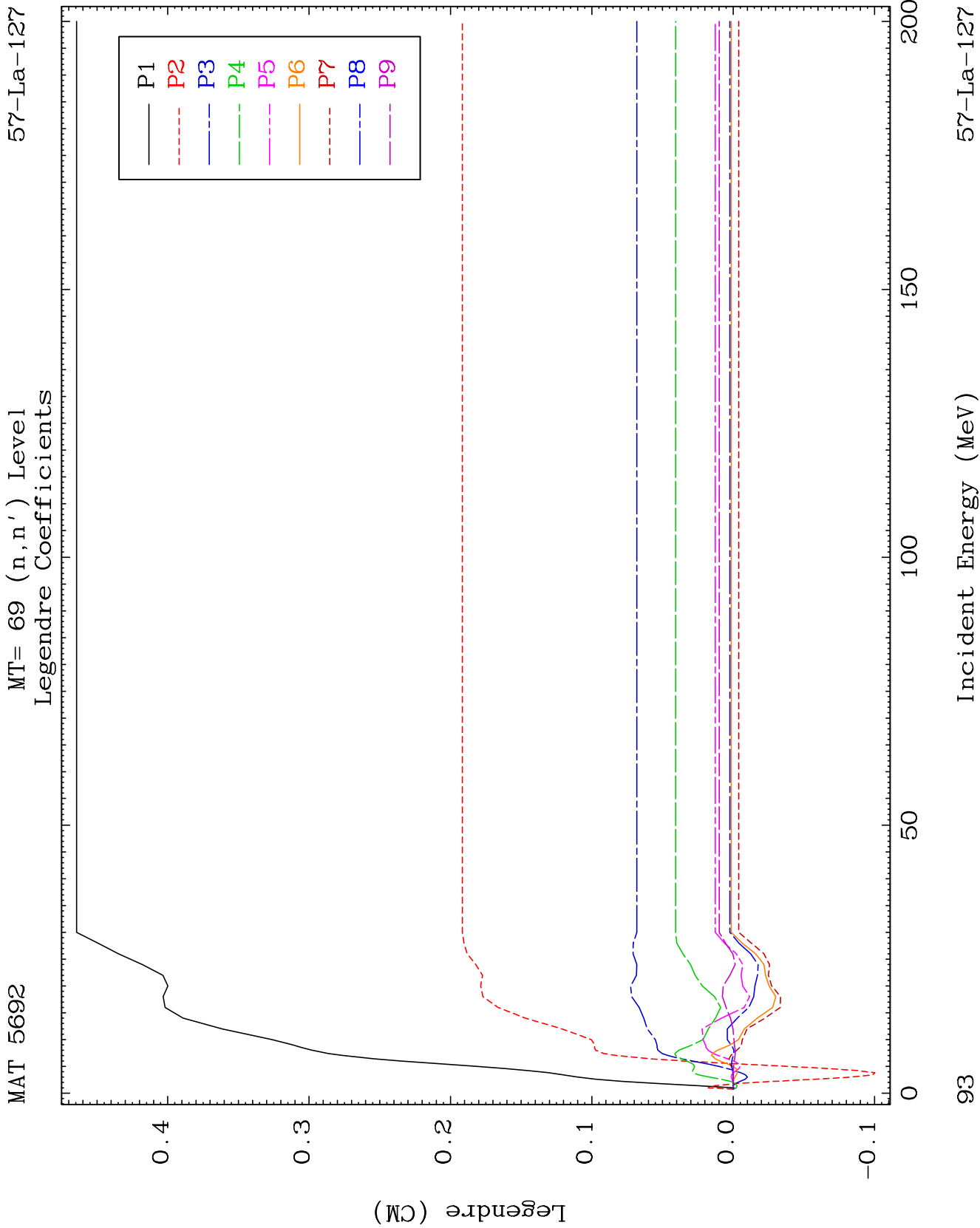
MT= 68 (n, n') Level
Legendre Coefficients

57-La-127





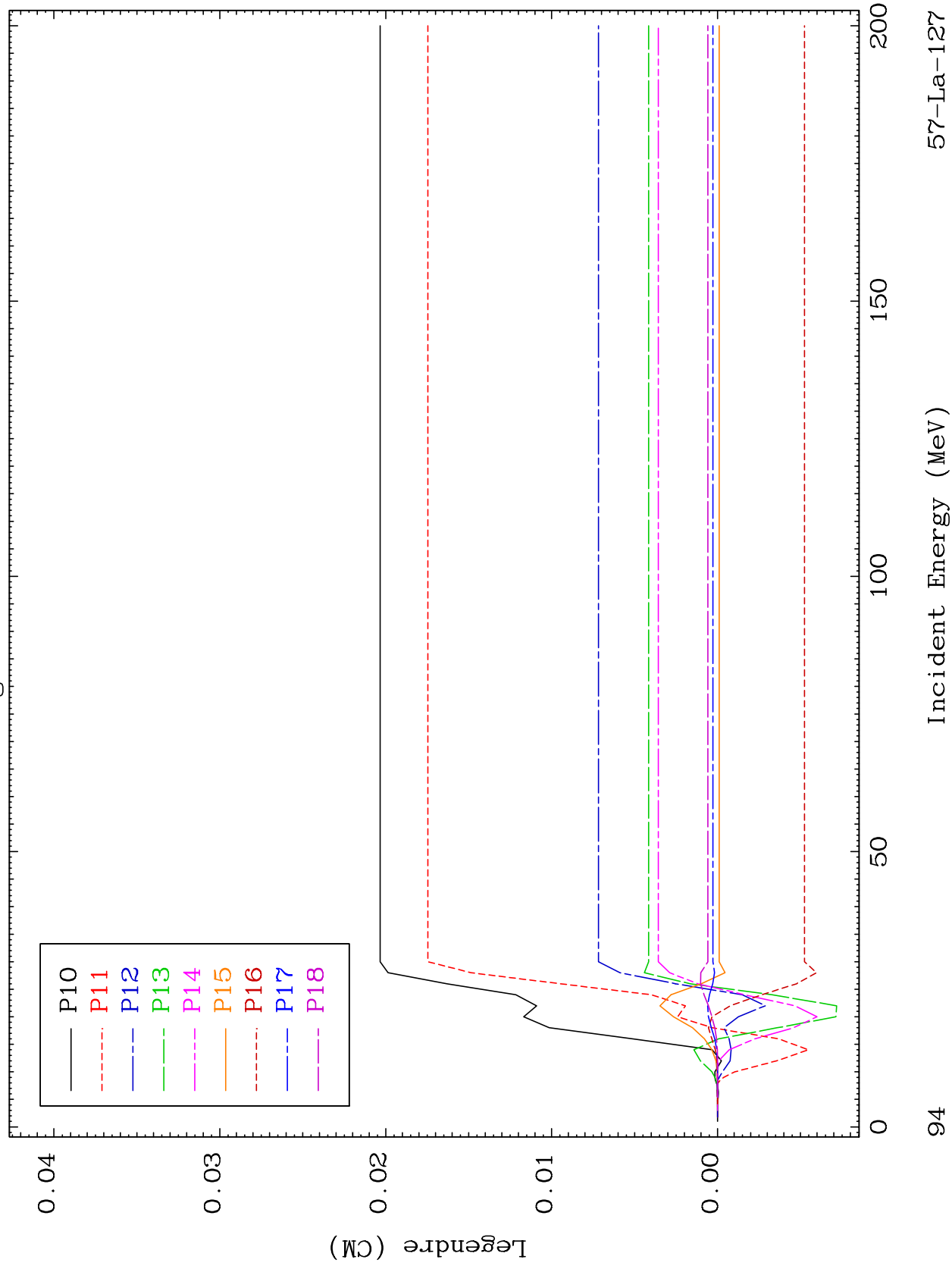




MAT 5692

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

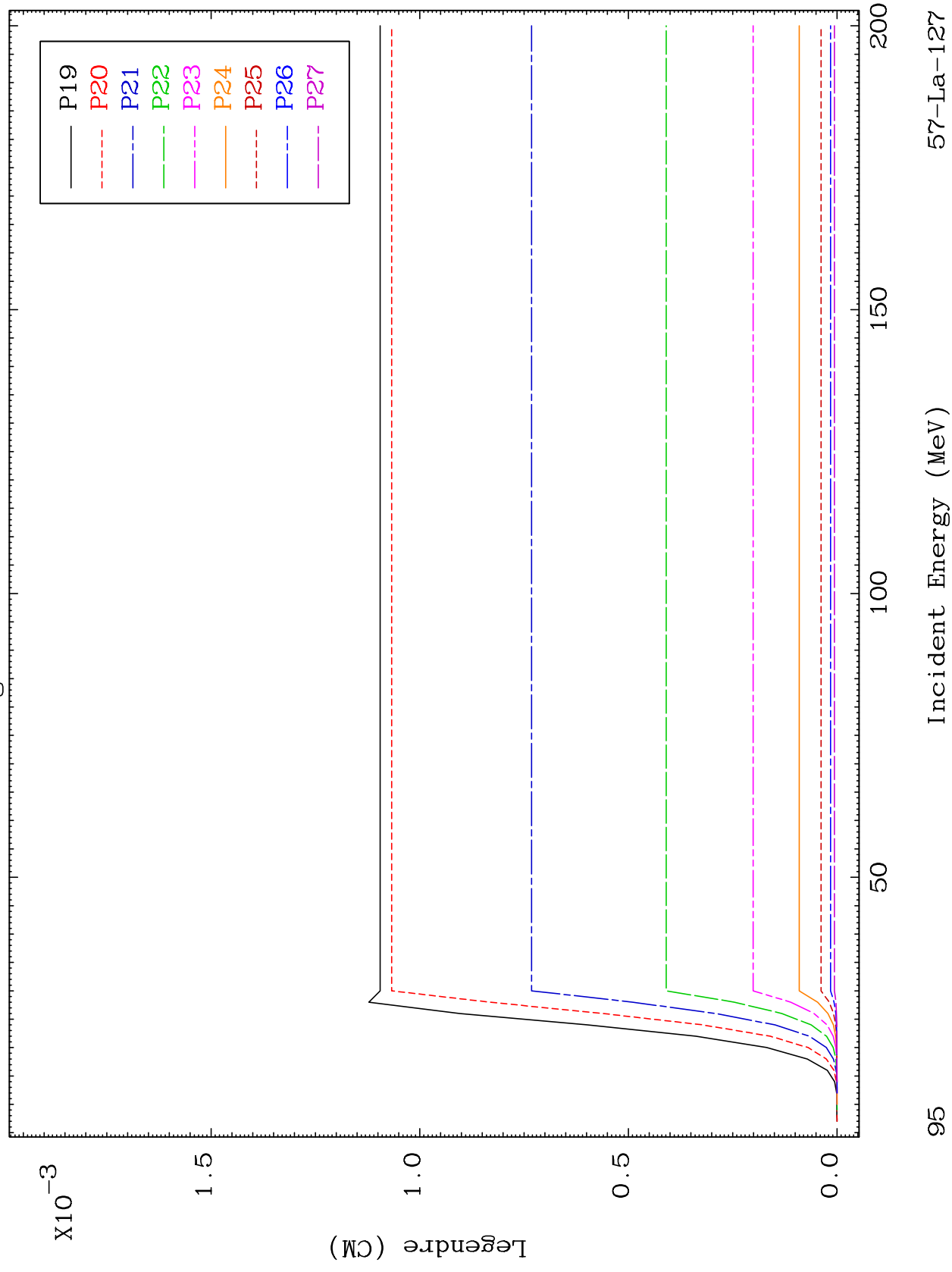
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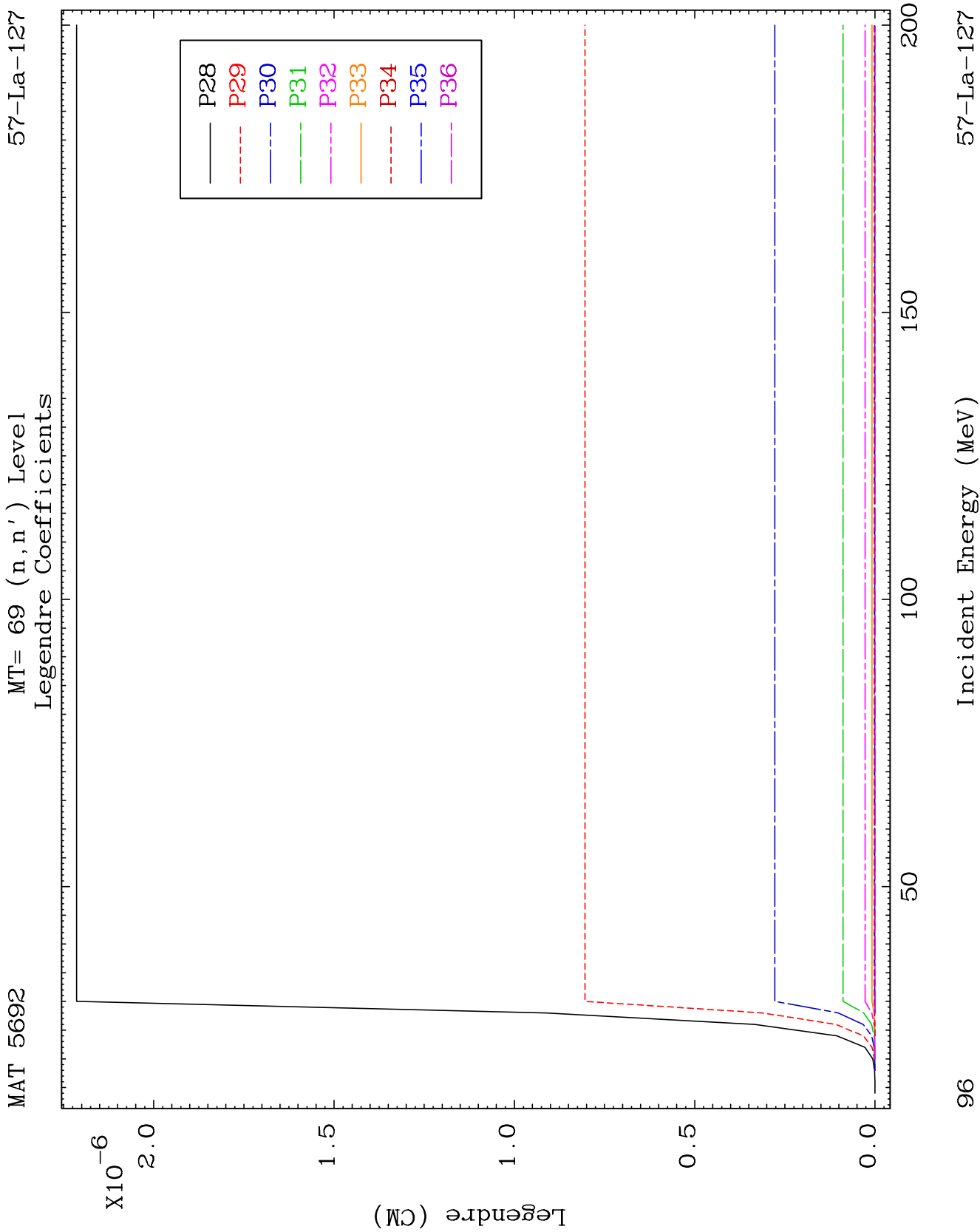


MAT 5692

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

57-La-127

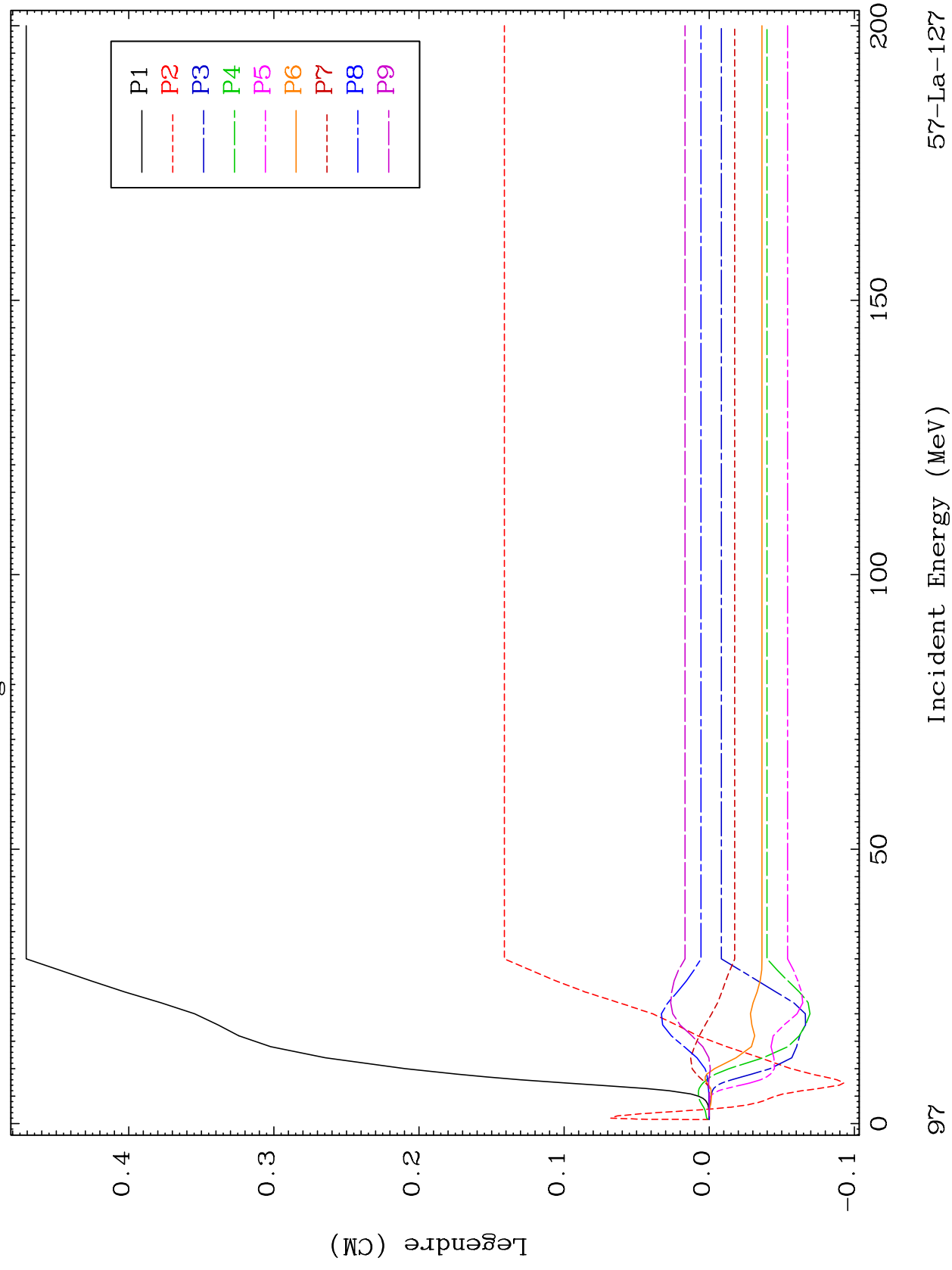




MAT 5692

MT= 70 (n, n') Level
Legendre Coefficients

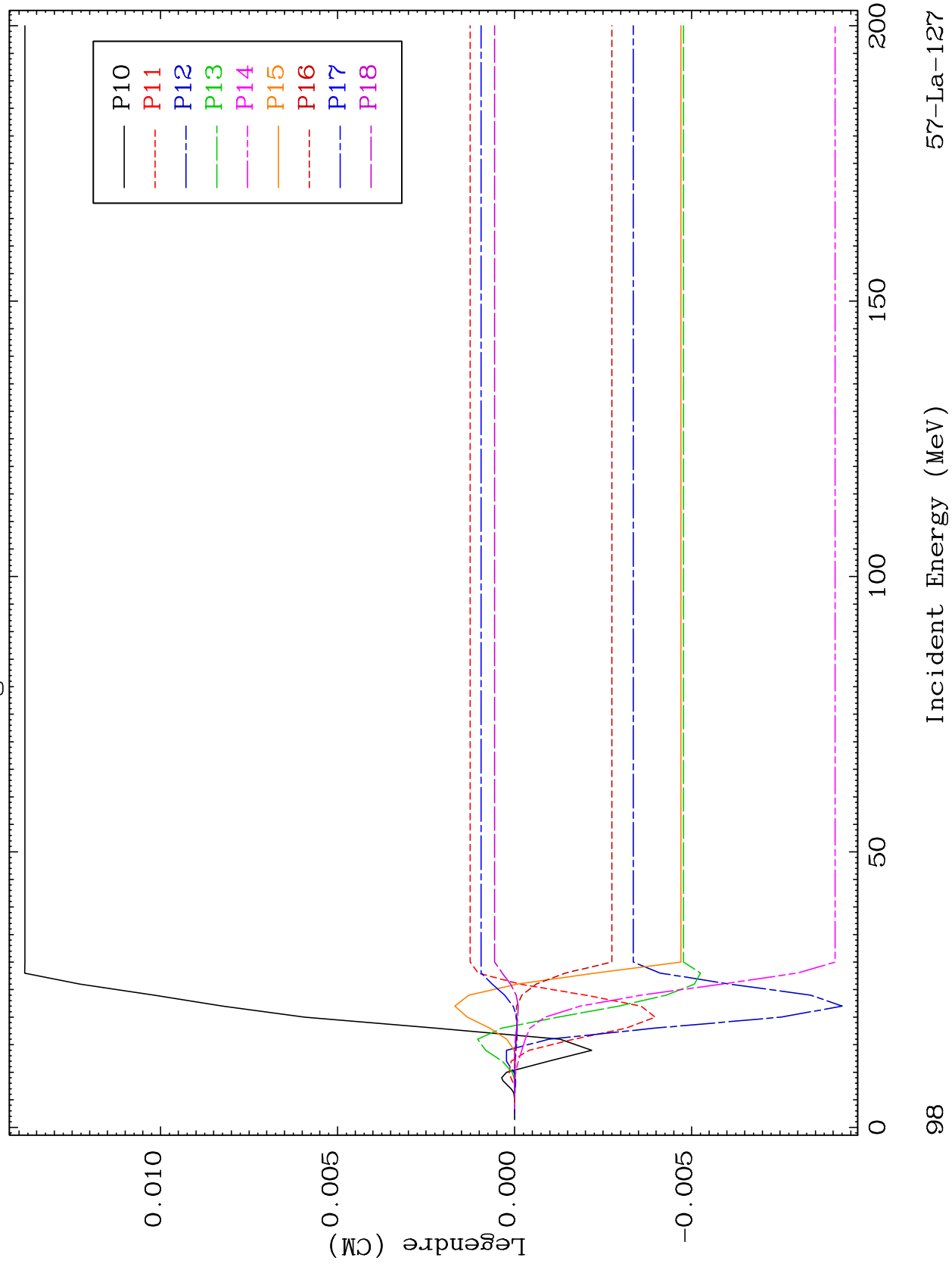
57-La-127

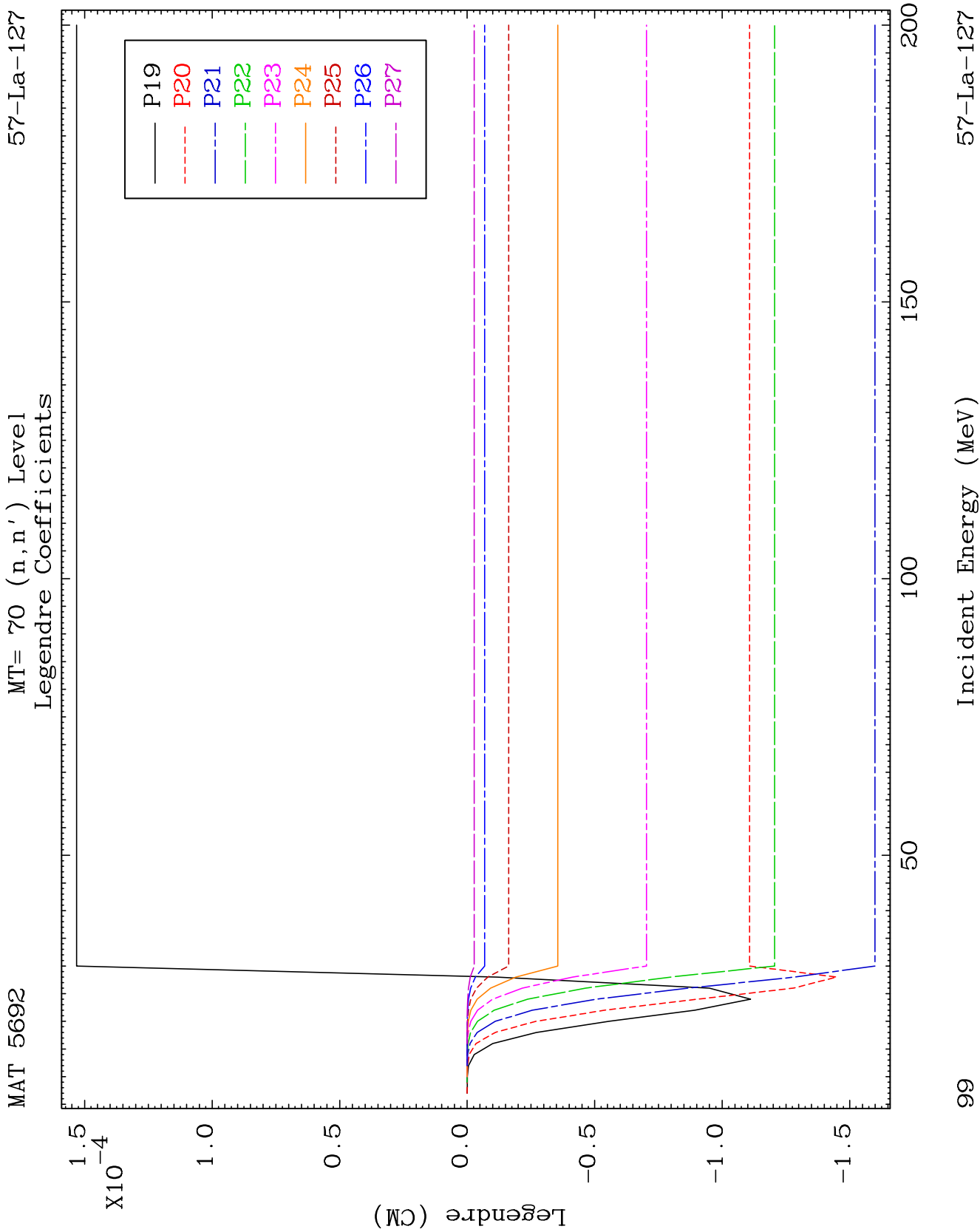


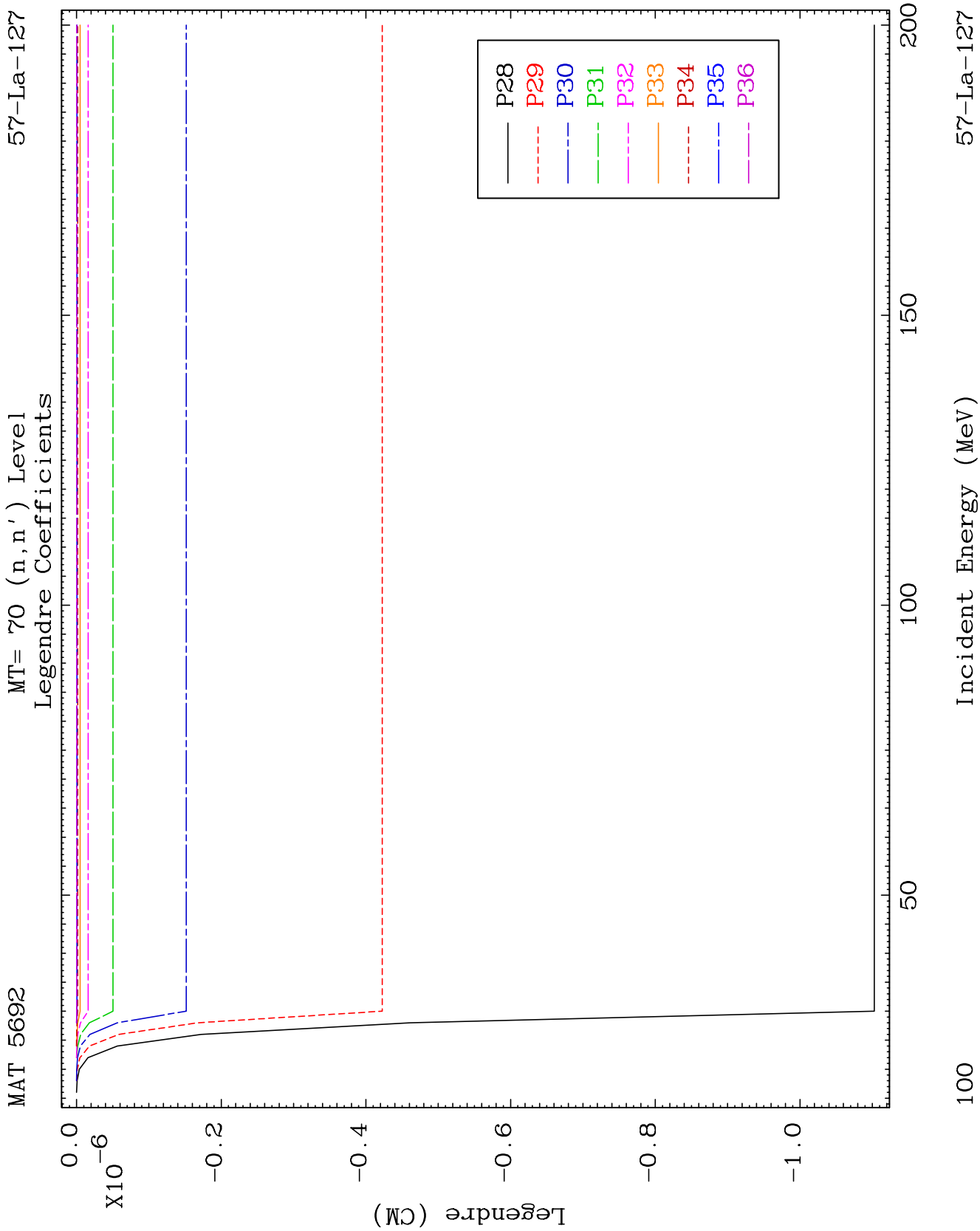
MAT 5692

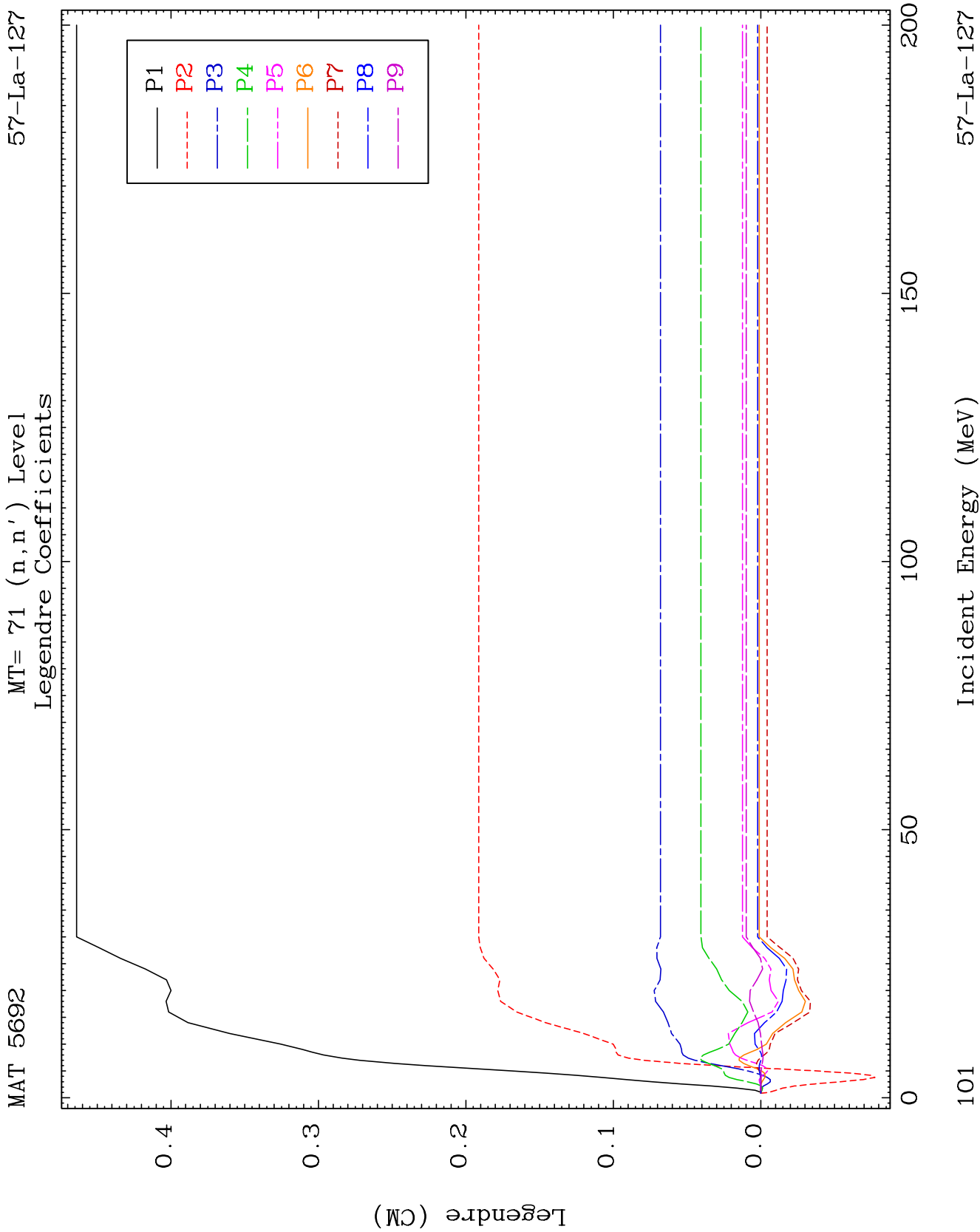
MT= 70 (n, n') Level
Legendre Coefficients

57-La-127





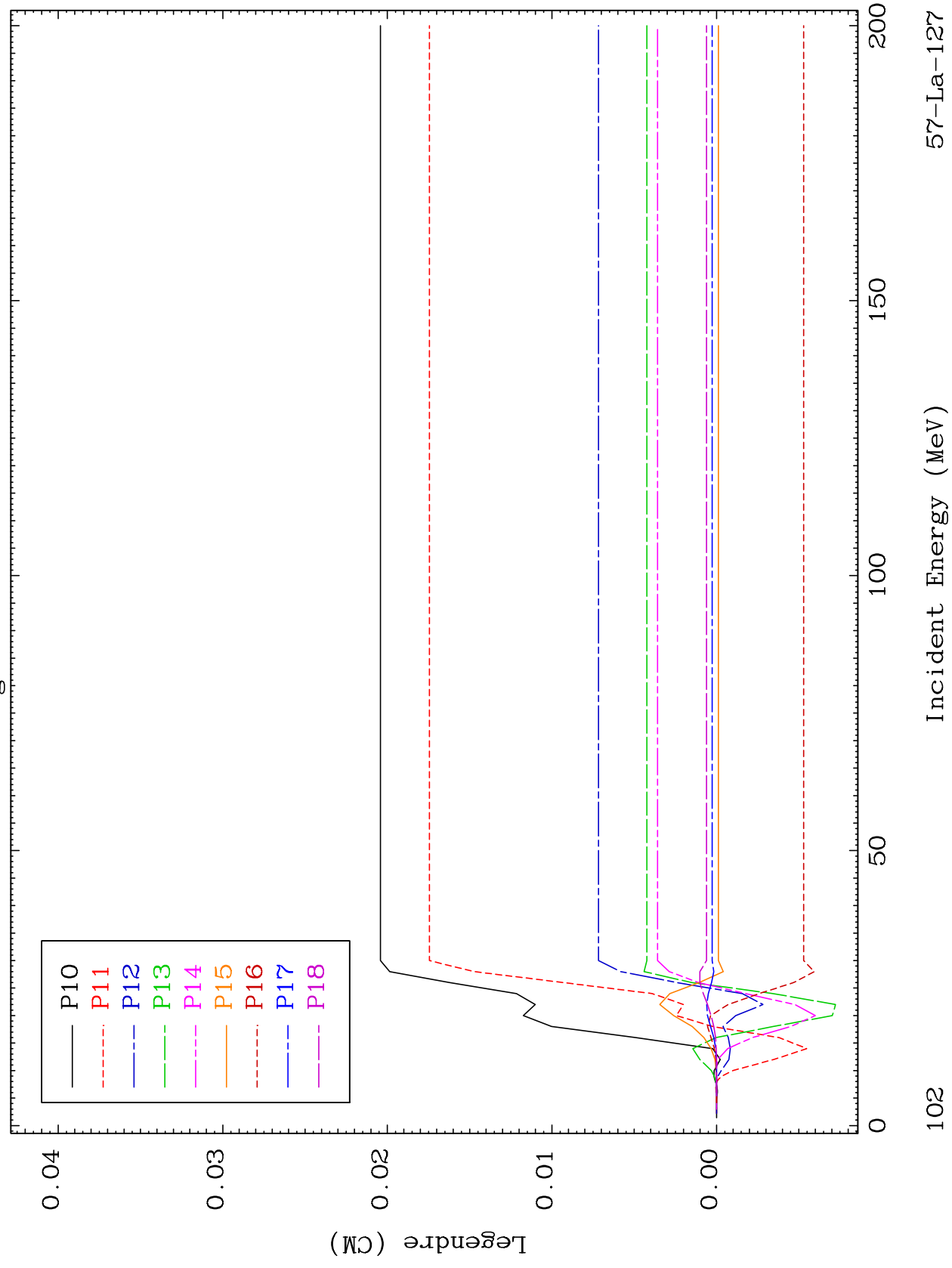




MAT 5692

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

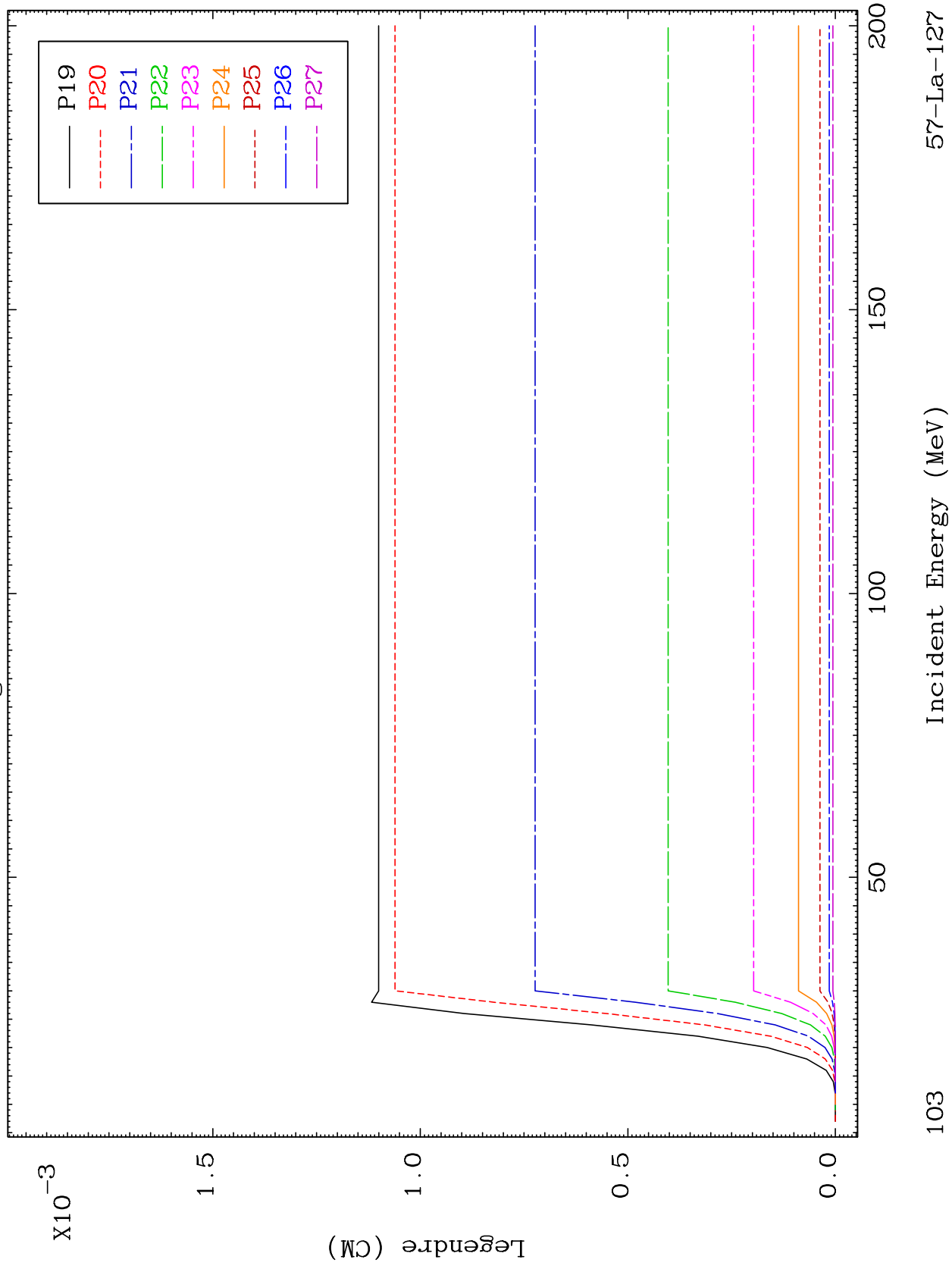
57-La-127



MAT 5692

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

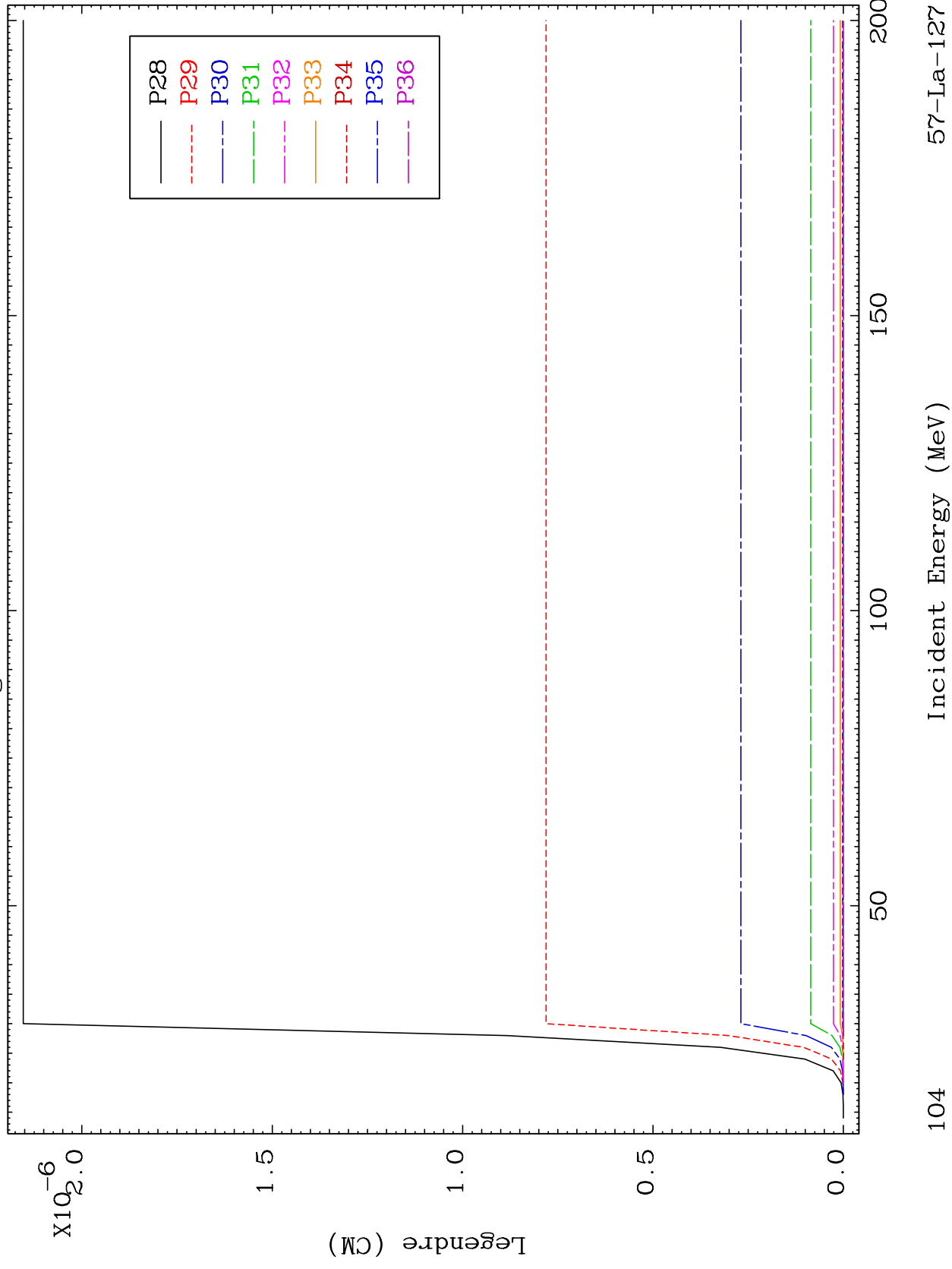
57-La-127

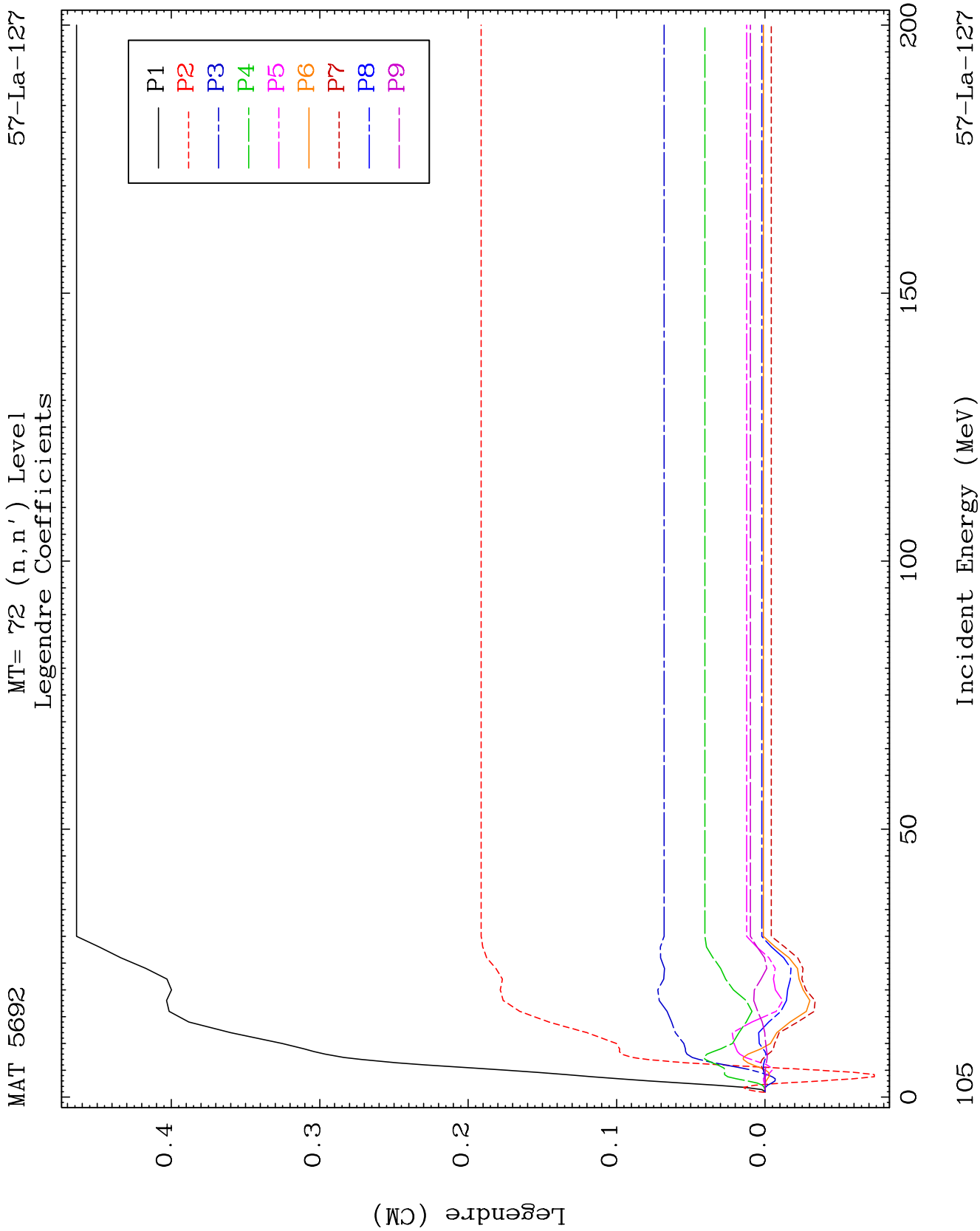


MAT 5692

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

57-La-127

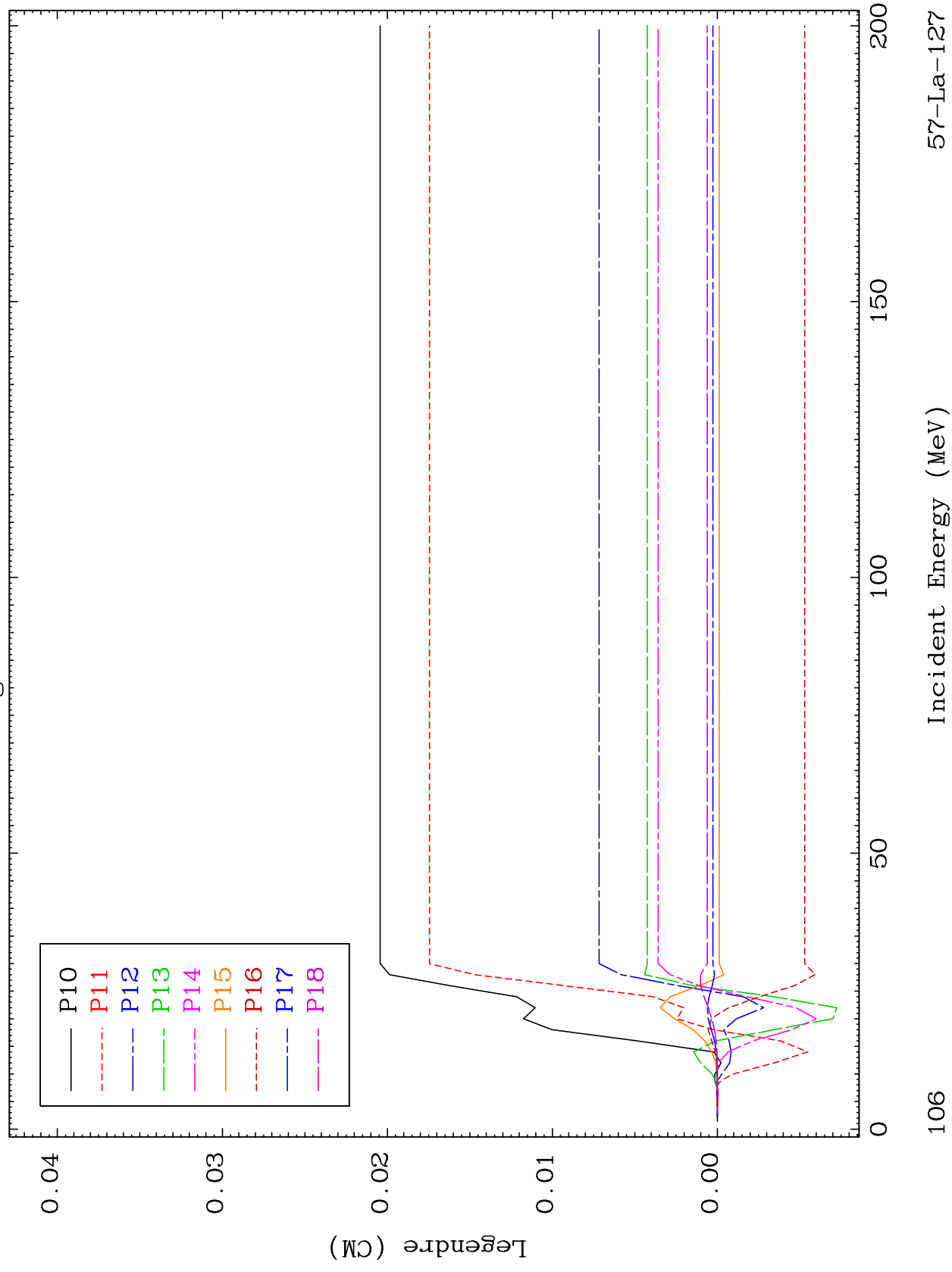


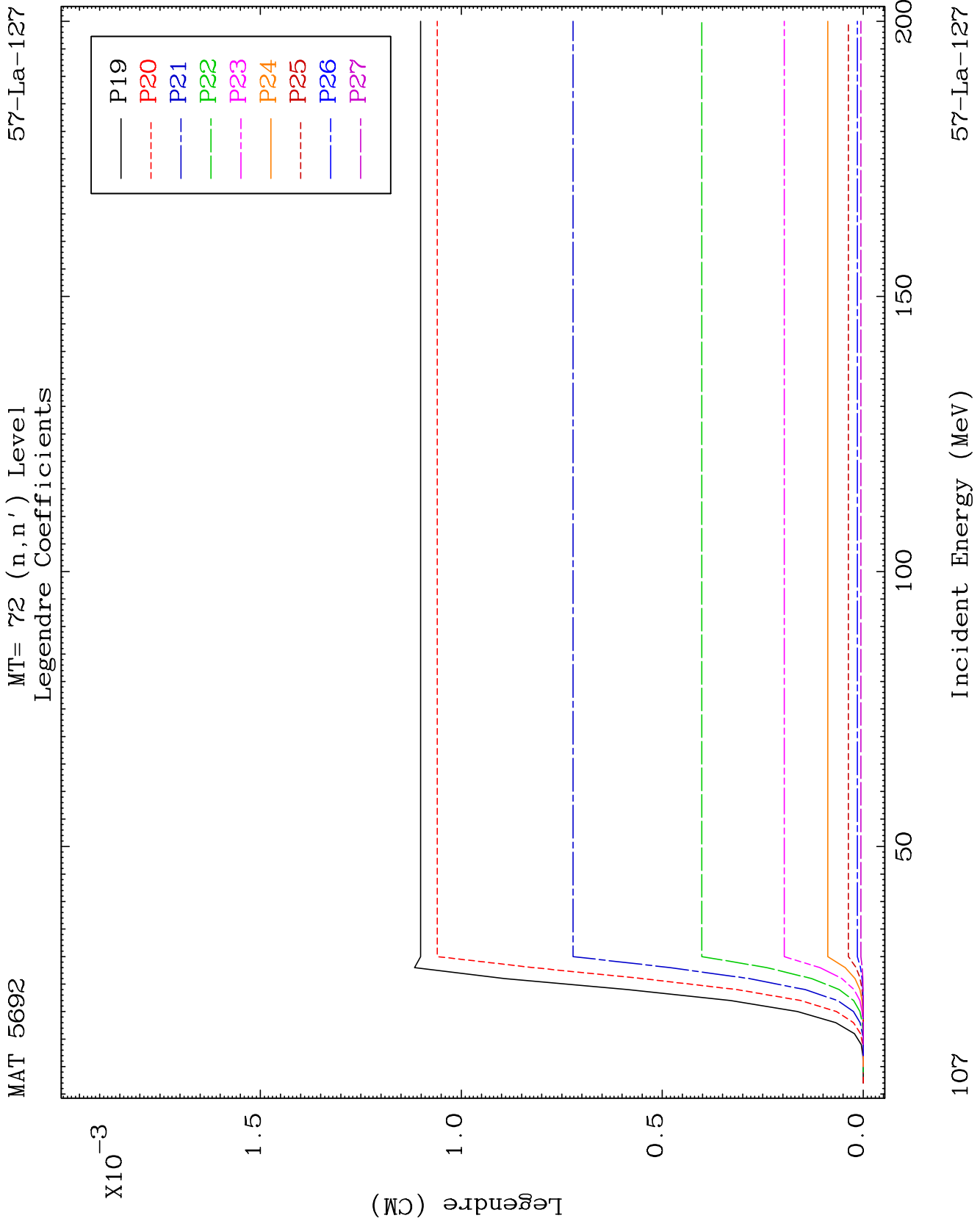


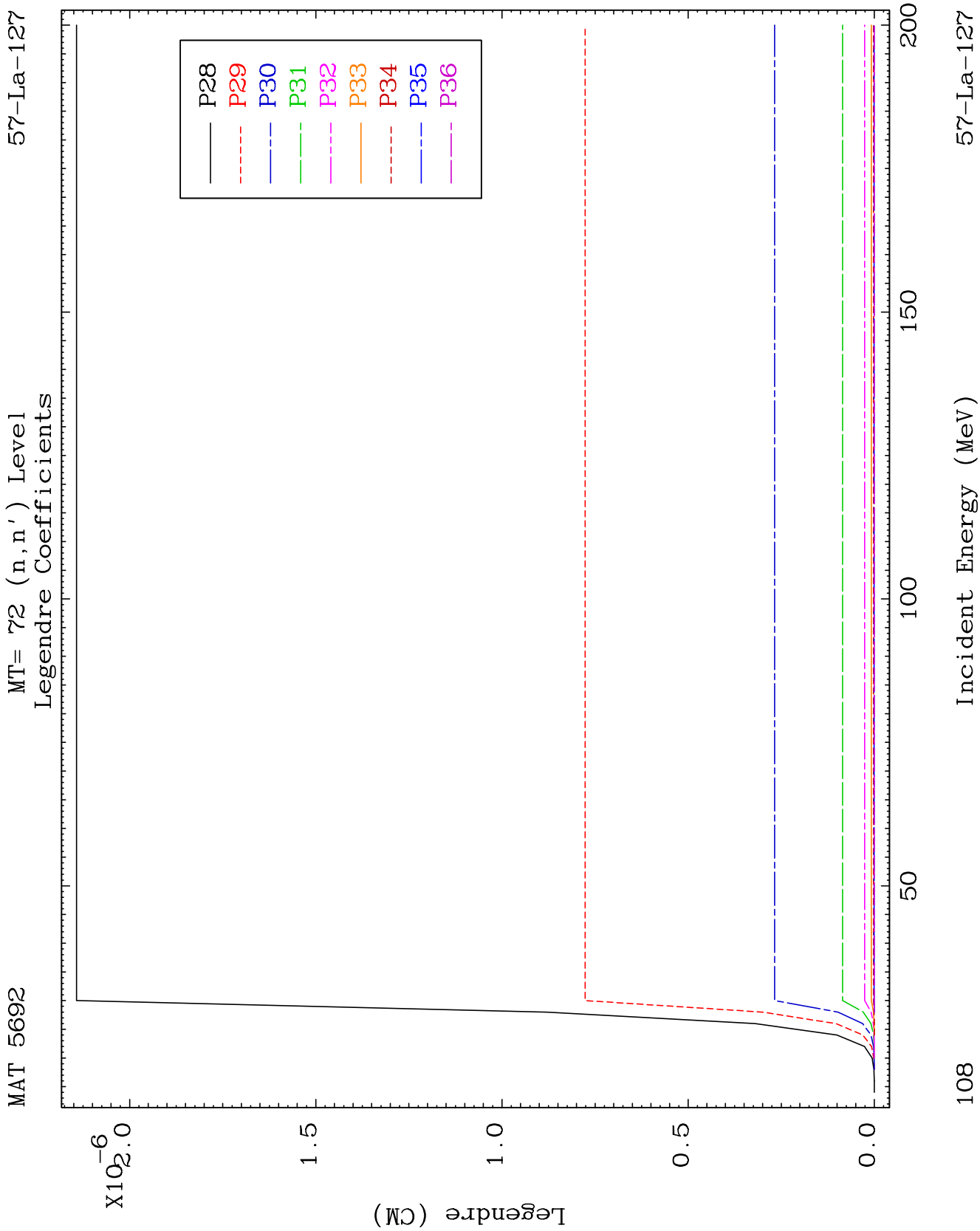
MAT 5692

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

57-La-127



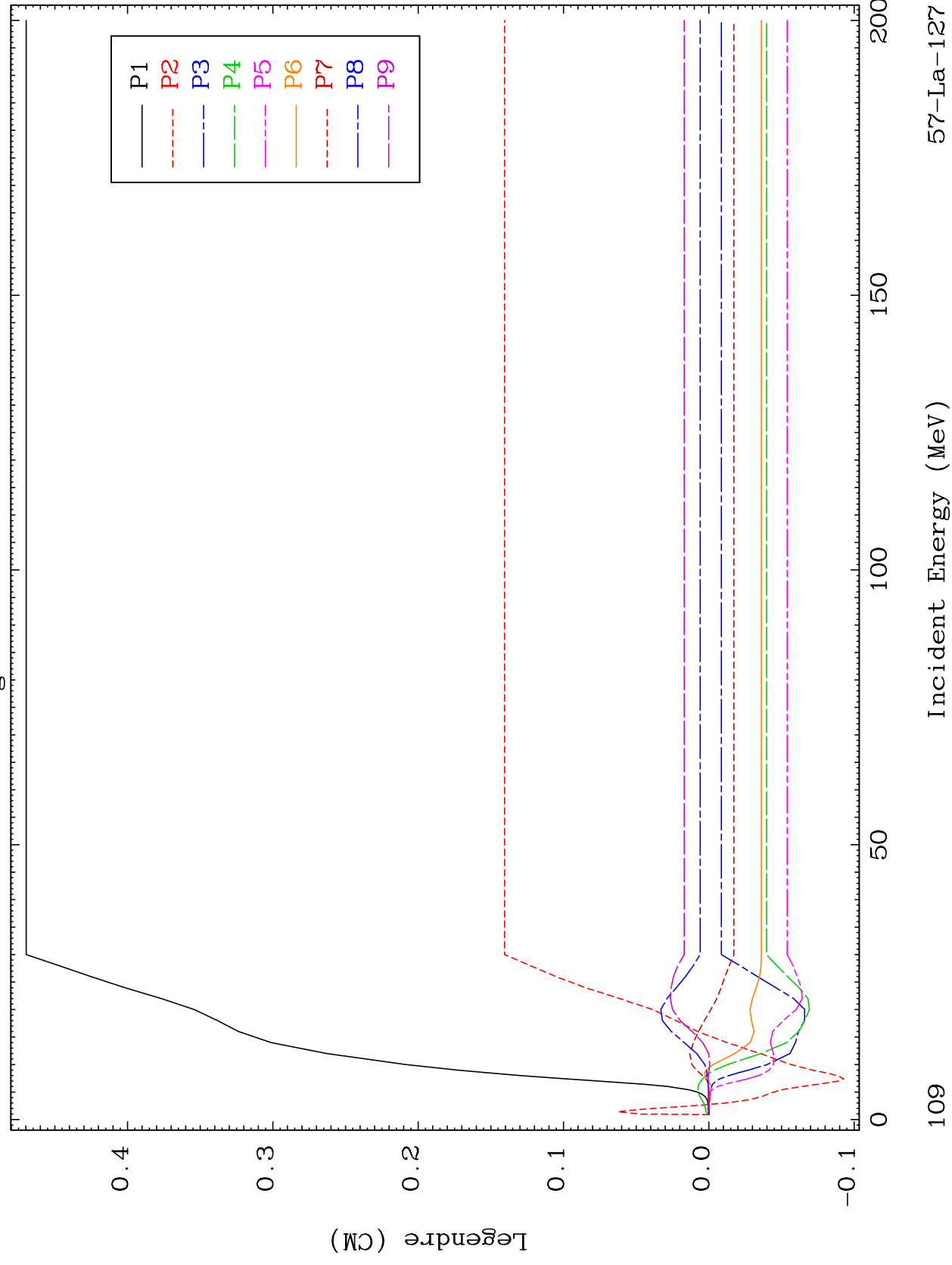




MAT 5692

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

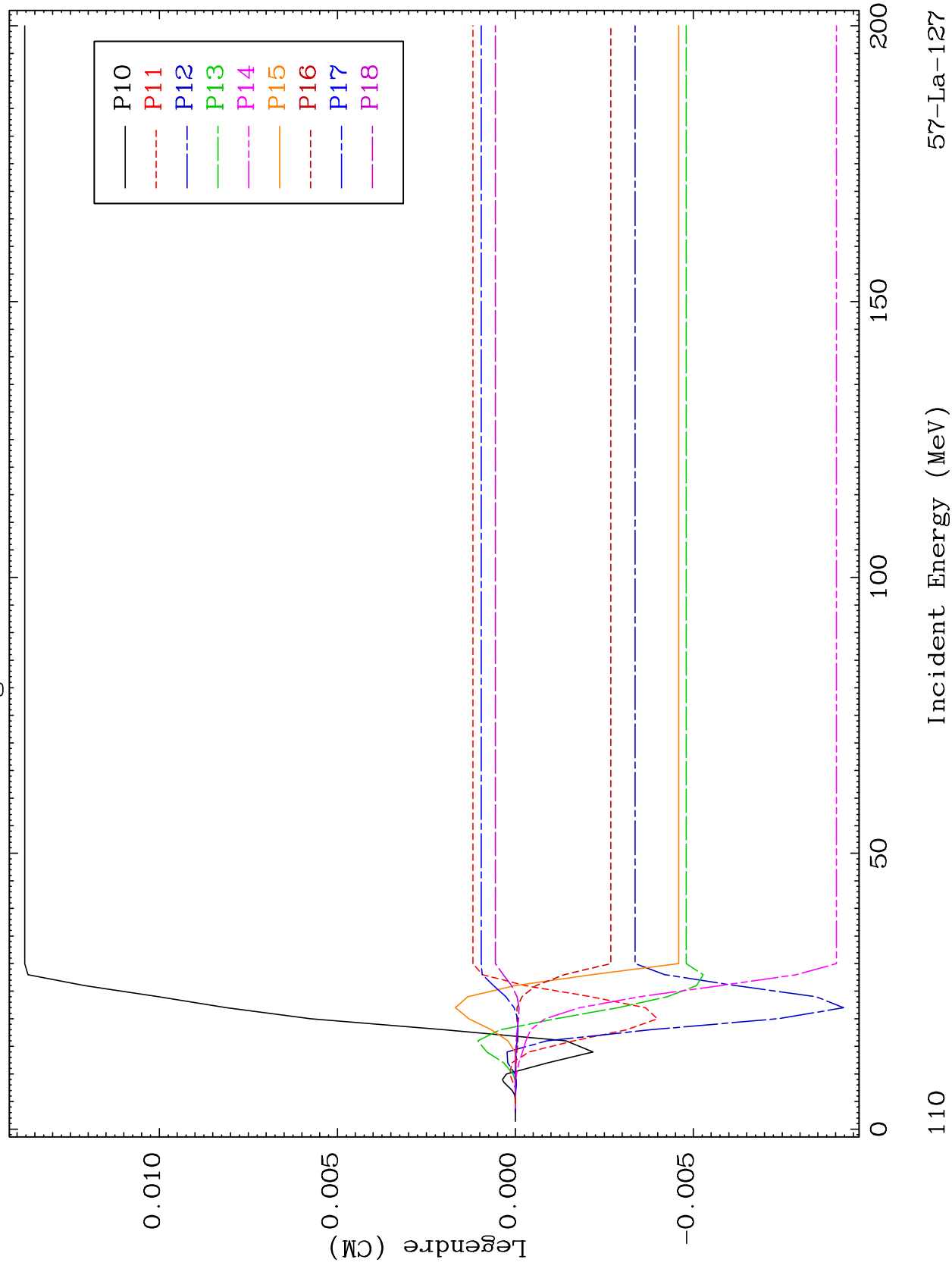
57-La-127

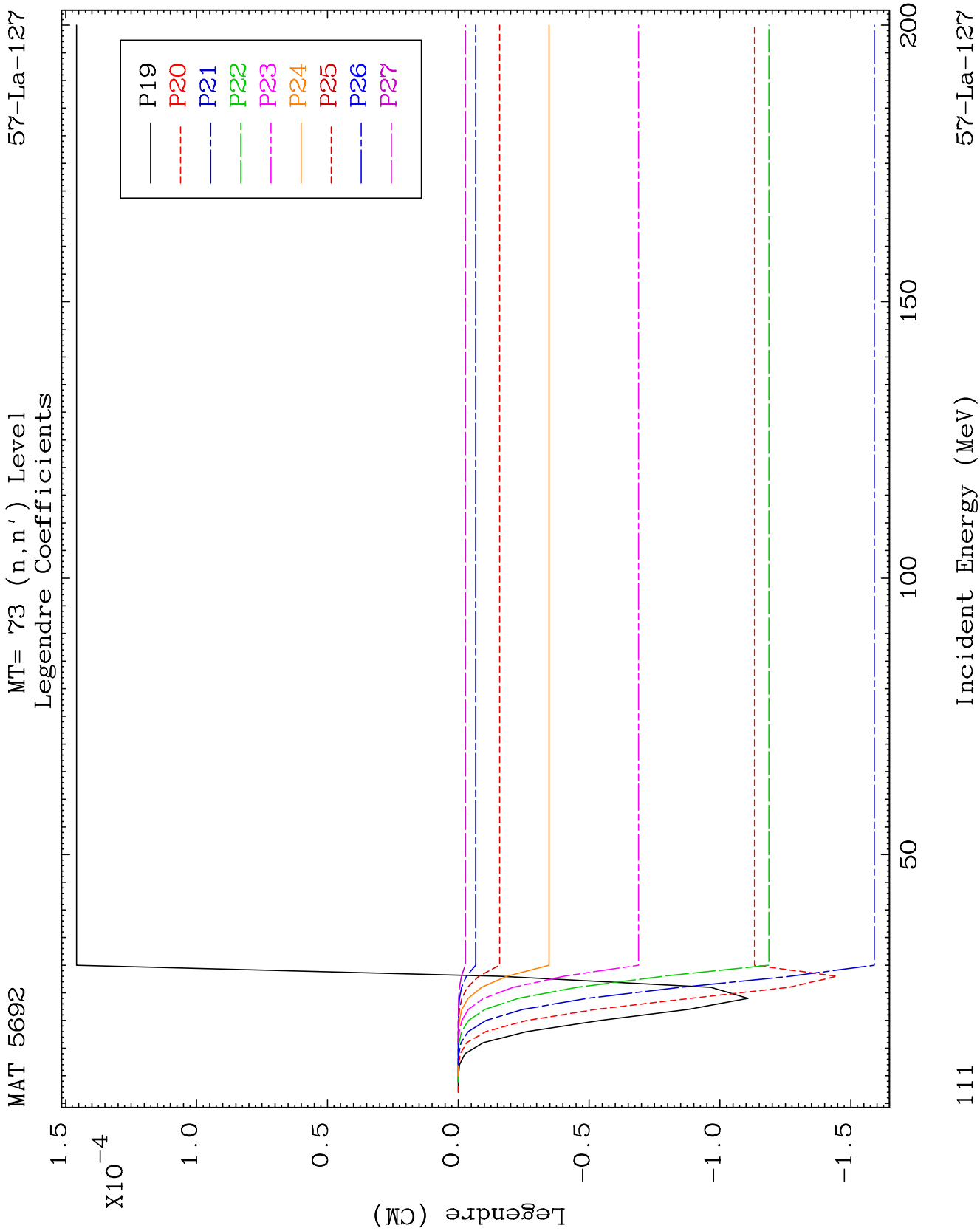


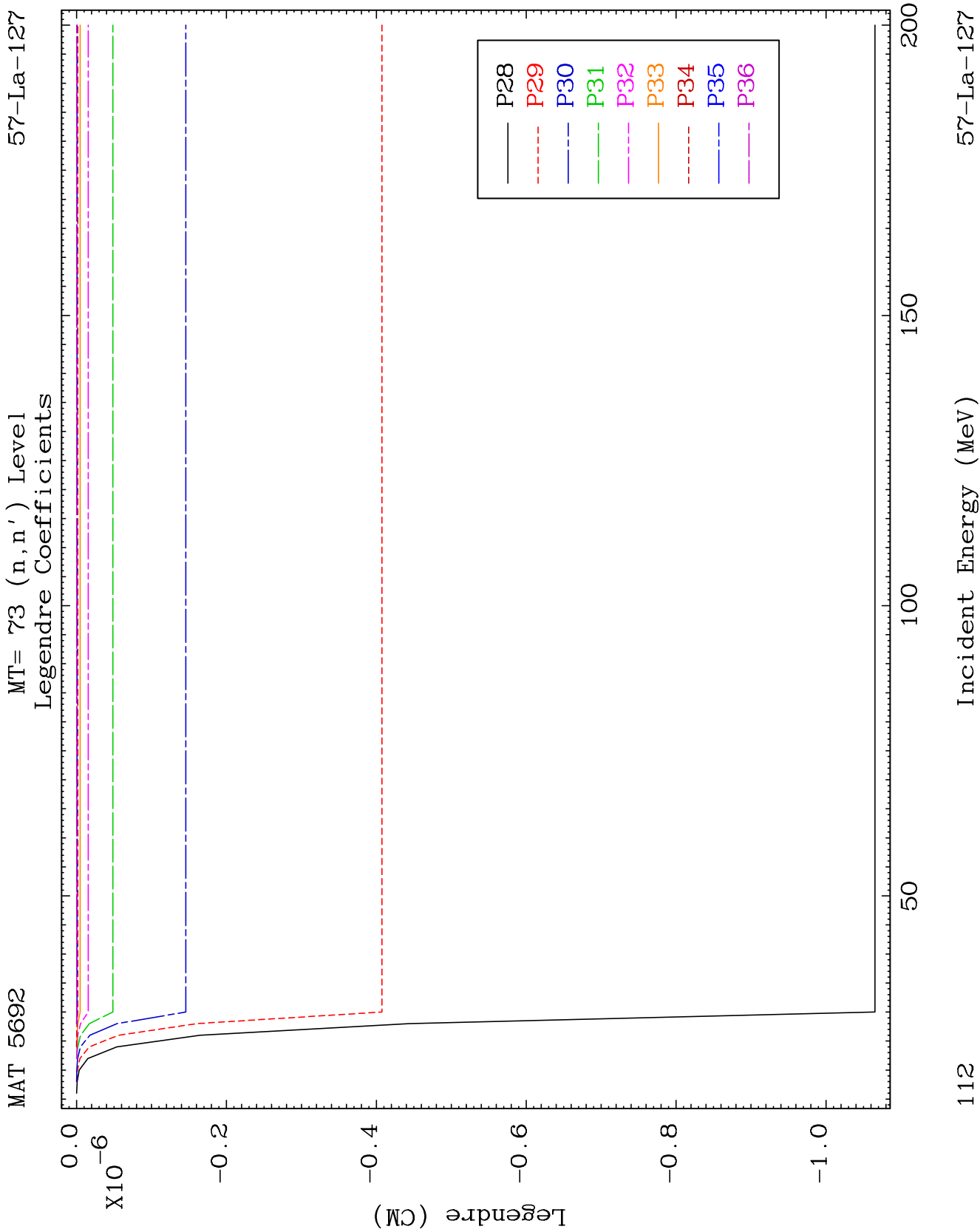
MAT 5692

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

57-La-127



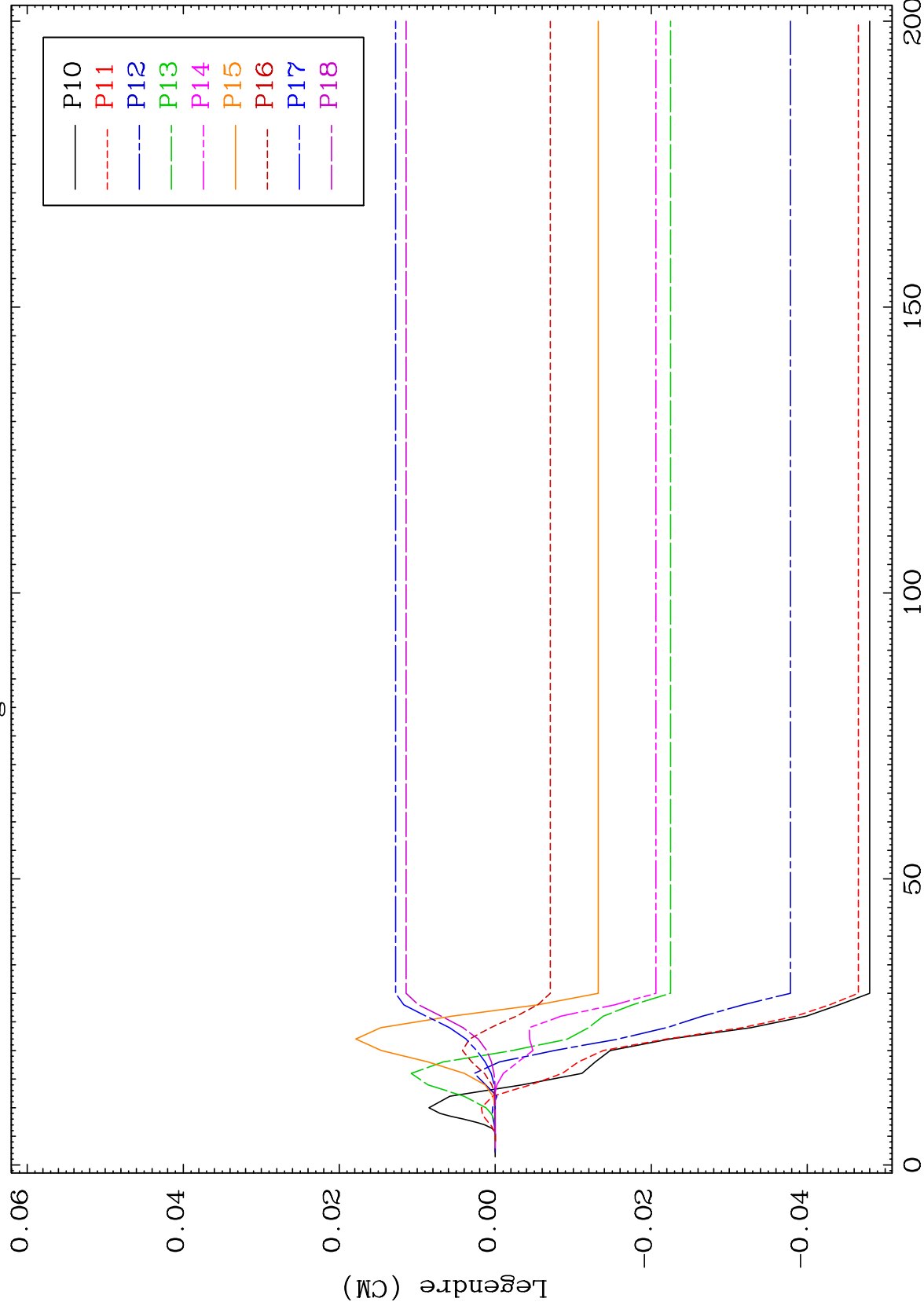




MAT 5692

MT= 74 (n, n') Level
Legendre Coefficients

57-La-127



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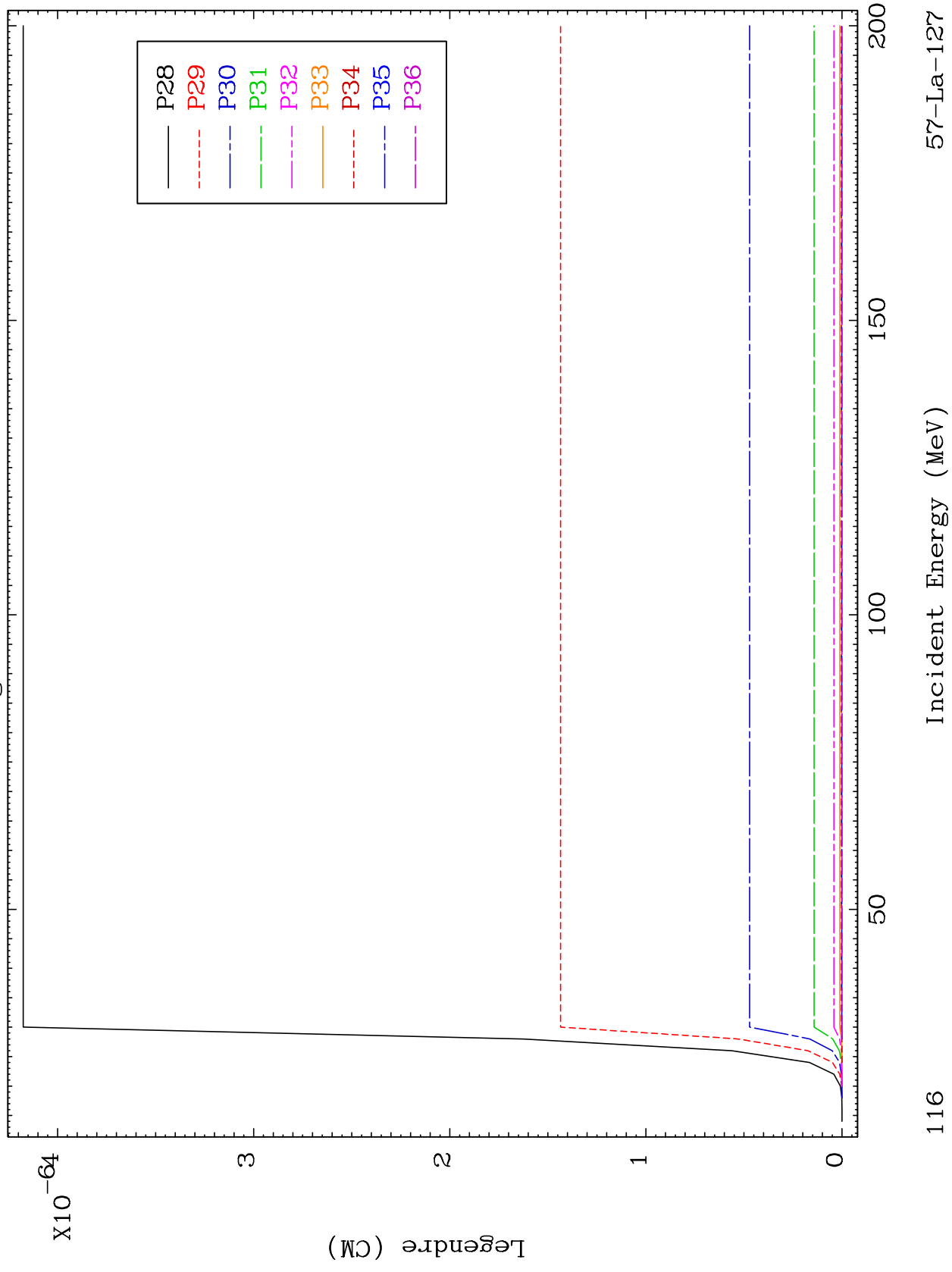
Incident Energy (MeV)

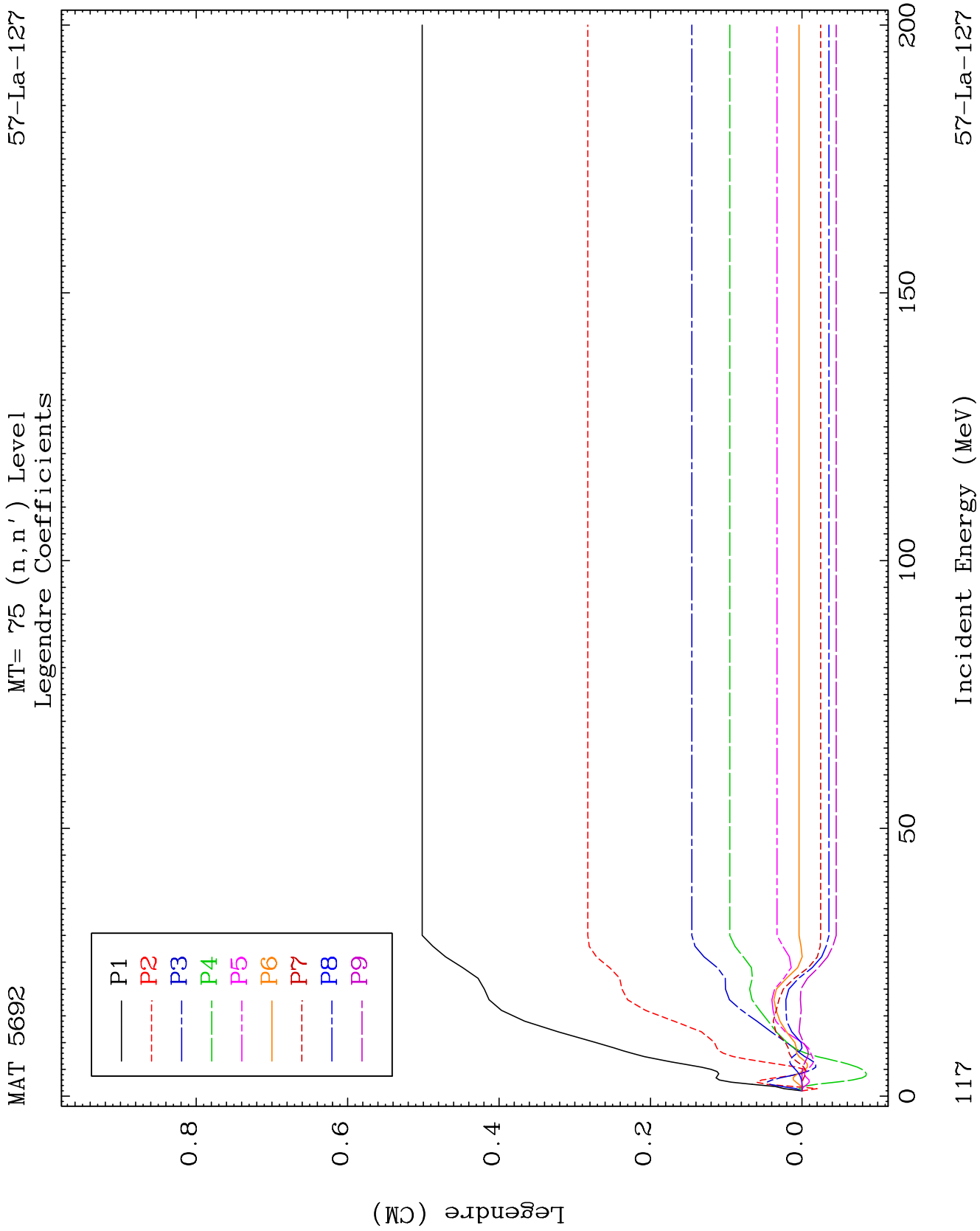
57-La-127

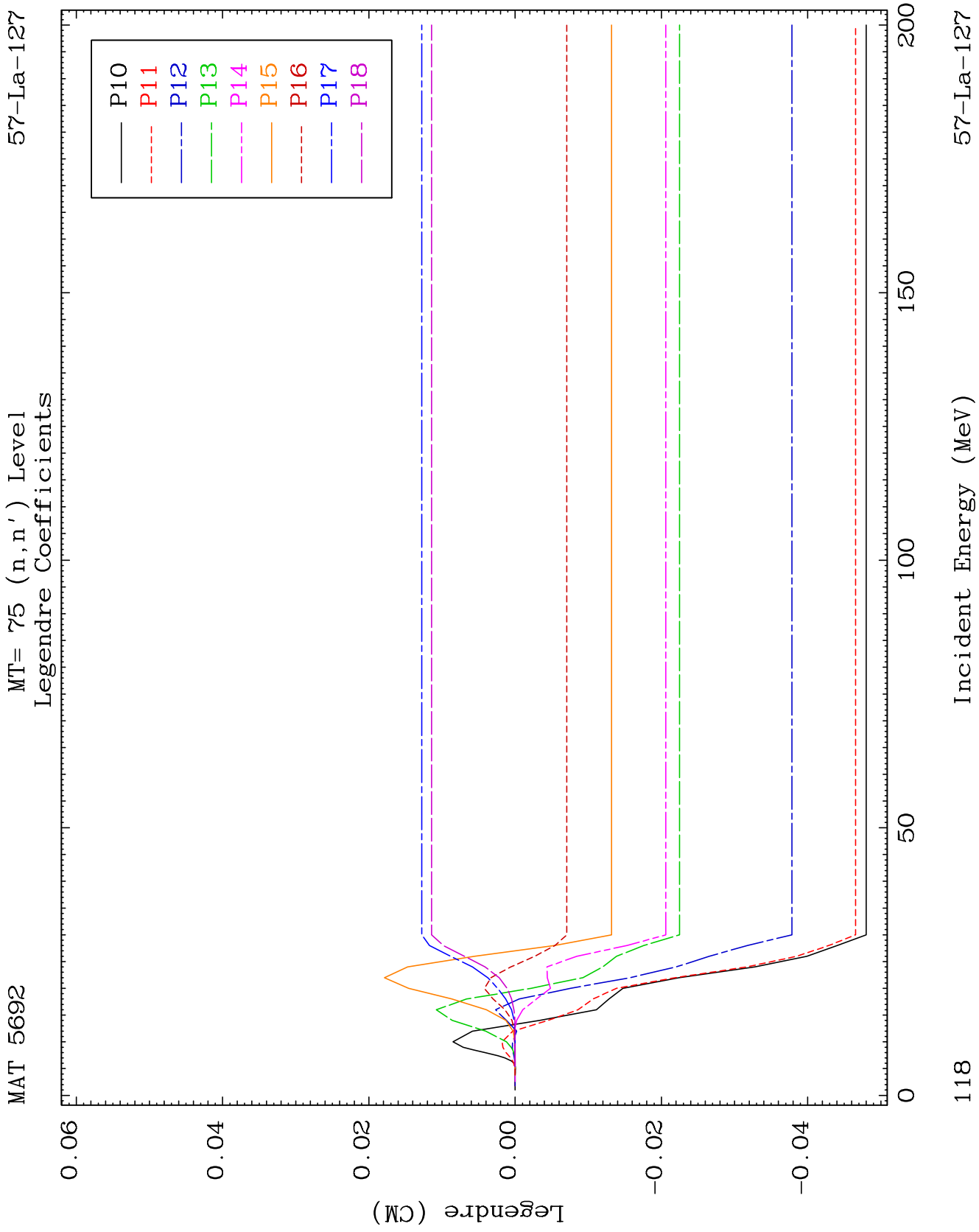
MAT 5692

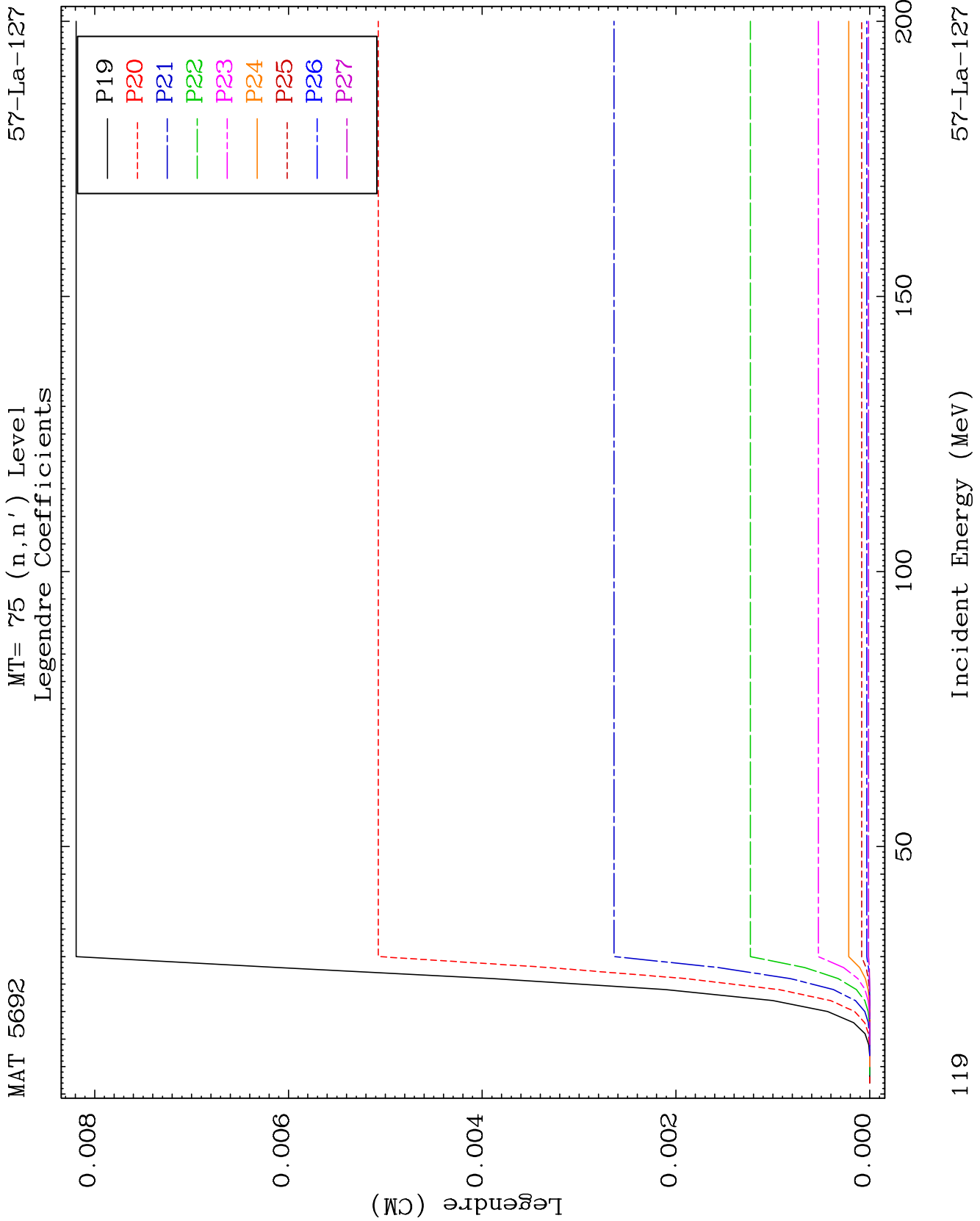
MT= 74 (n, n') Level
Legendre Coefficients

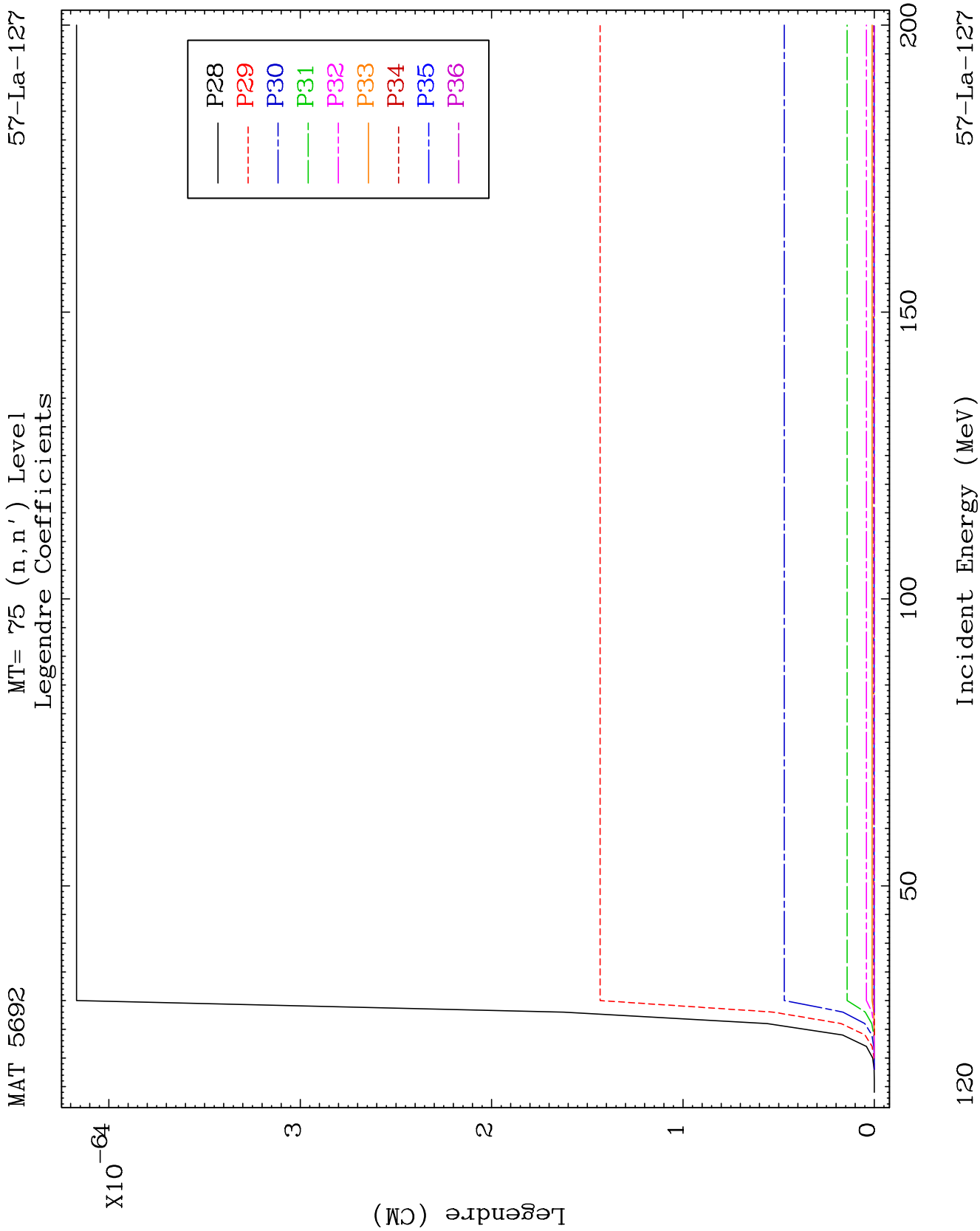
57-La-127







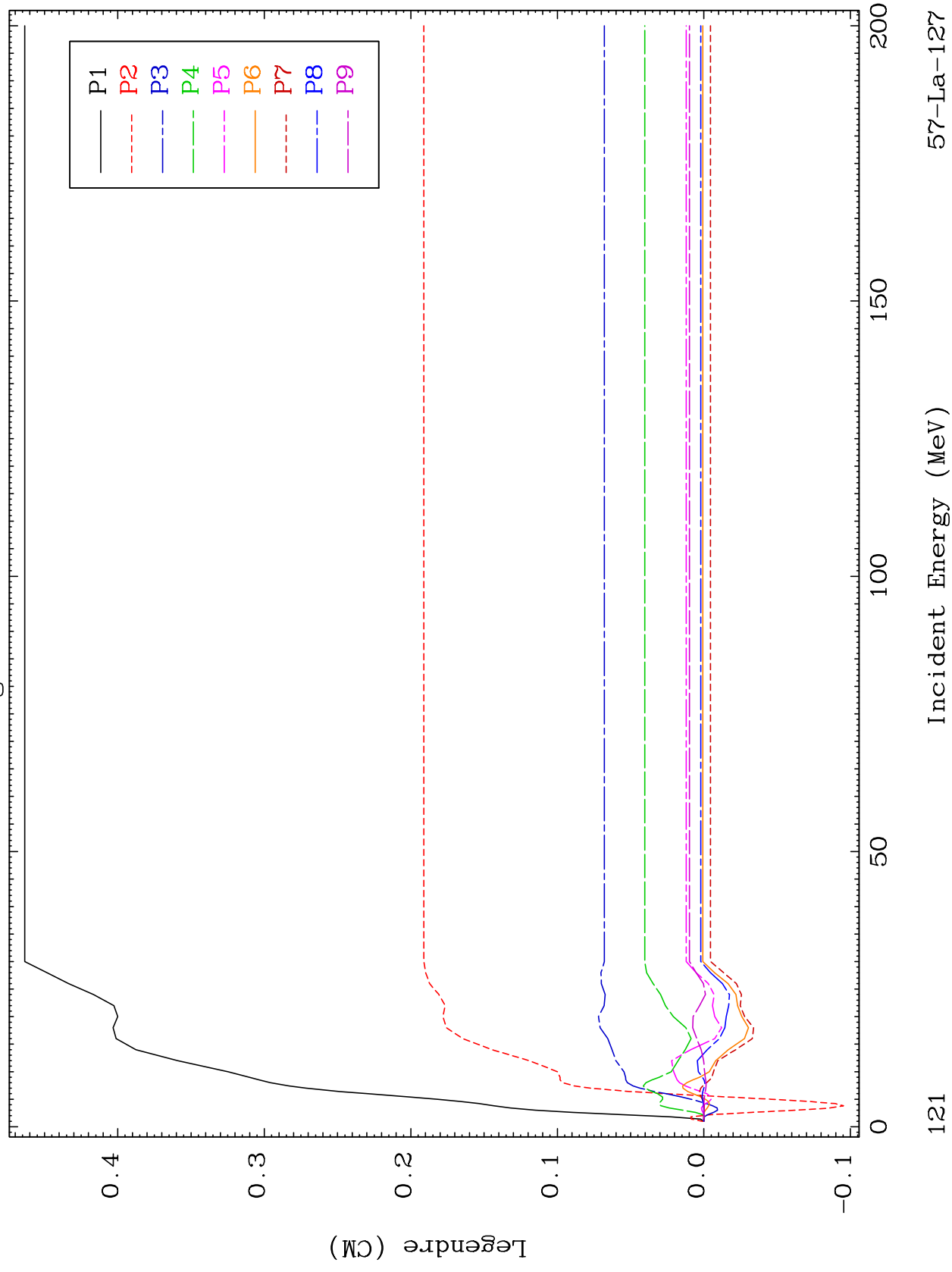


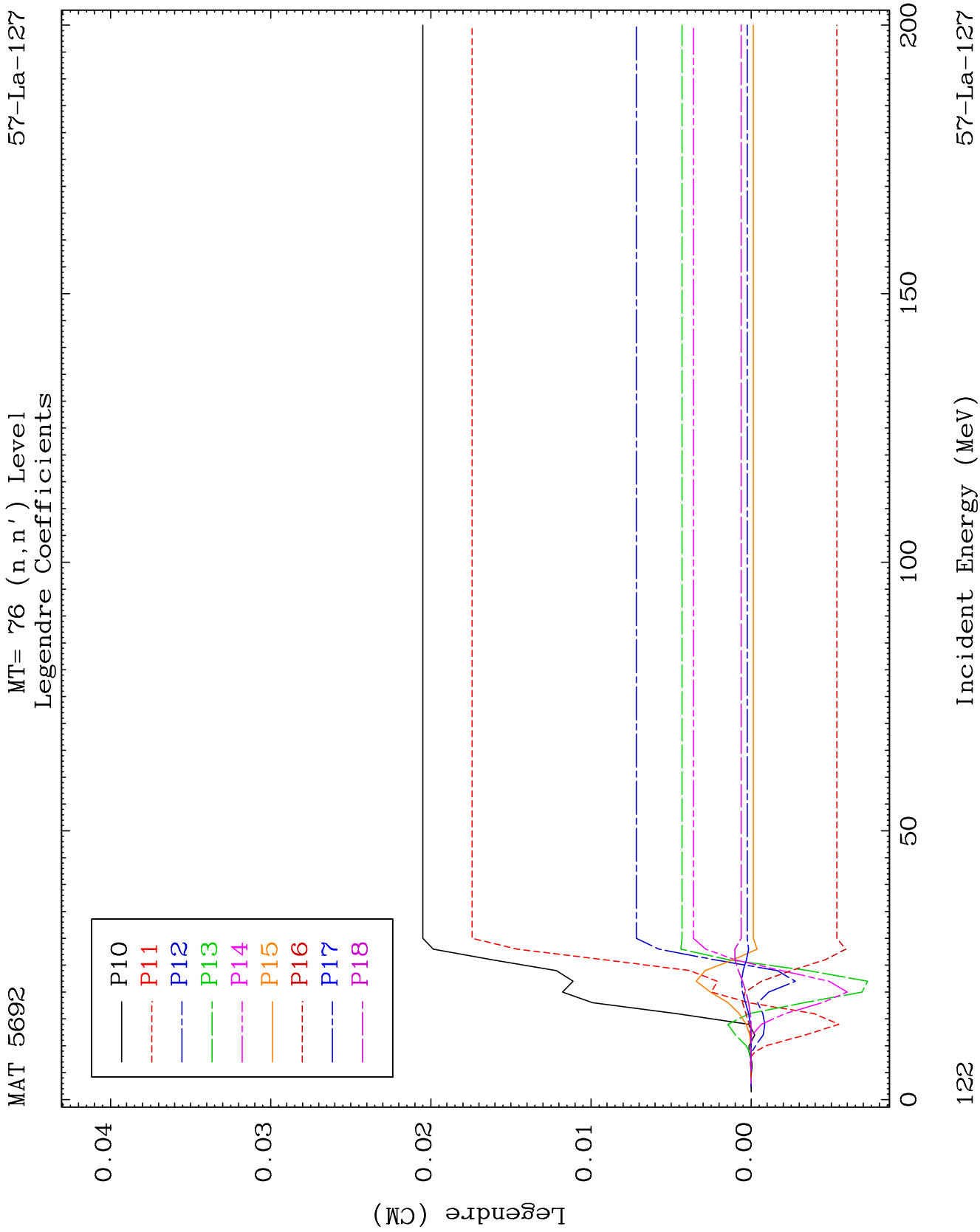


MAT 5692

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

57-La-127

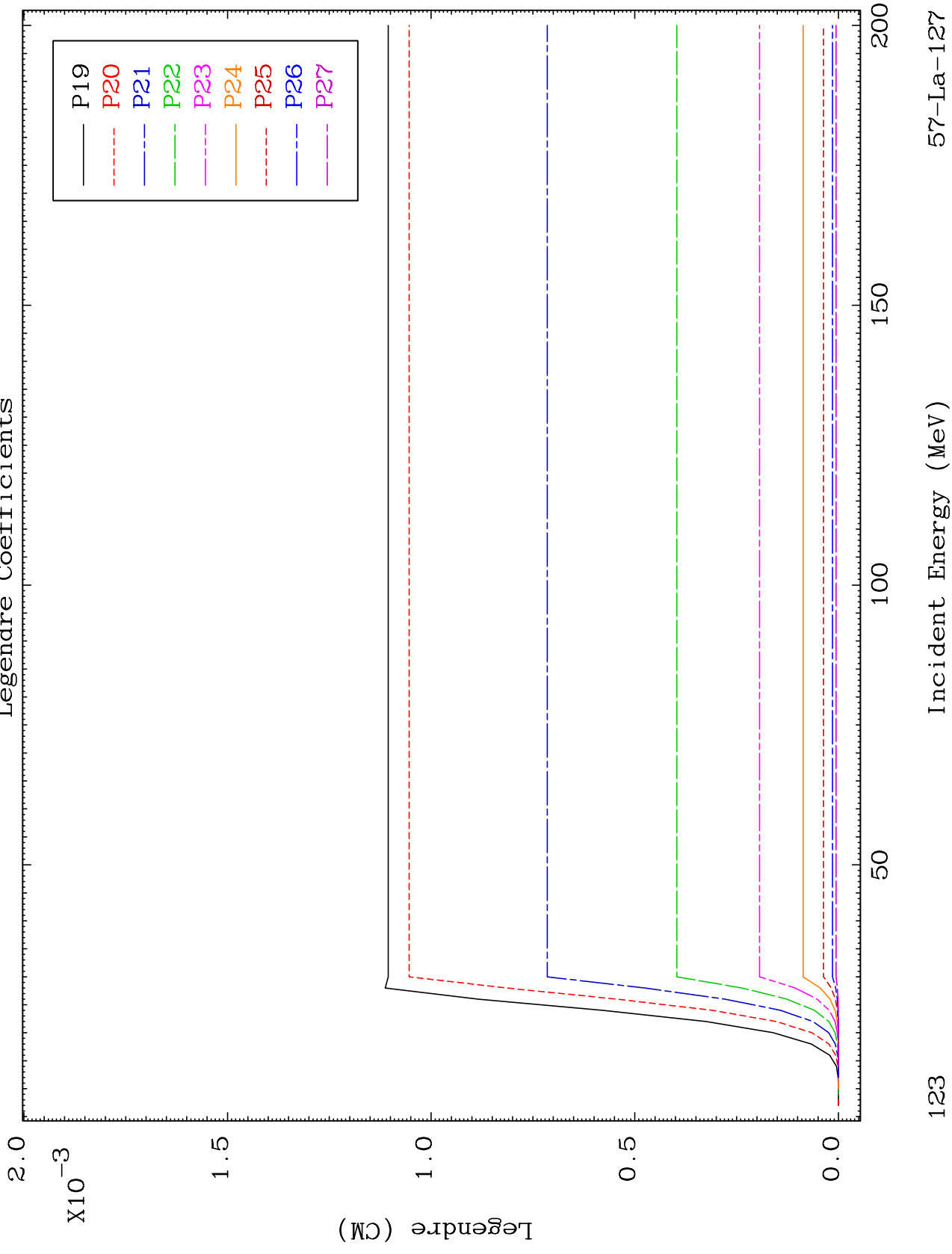


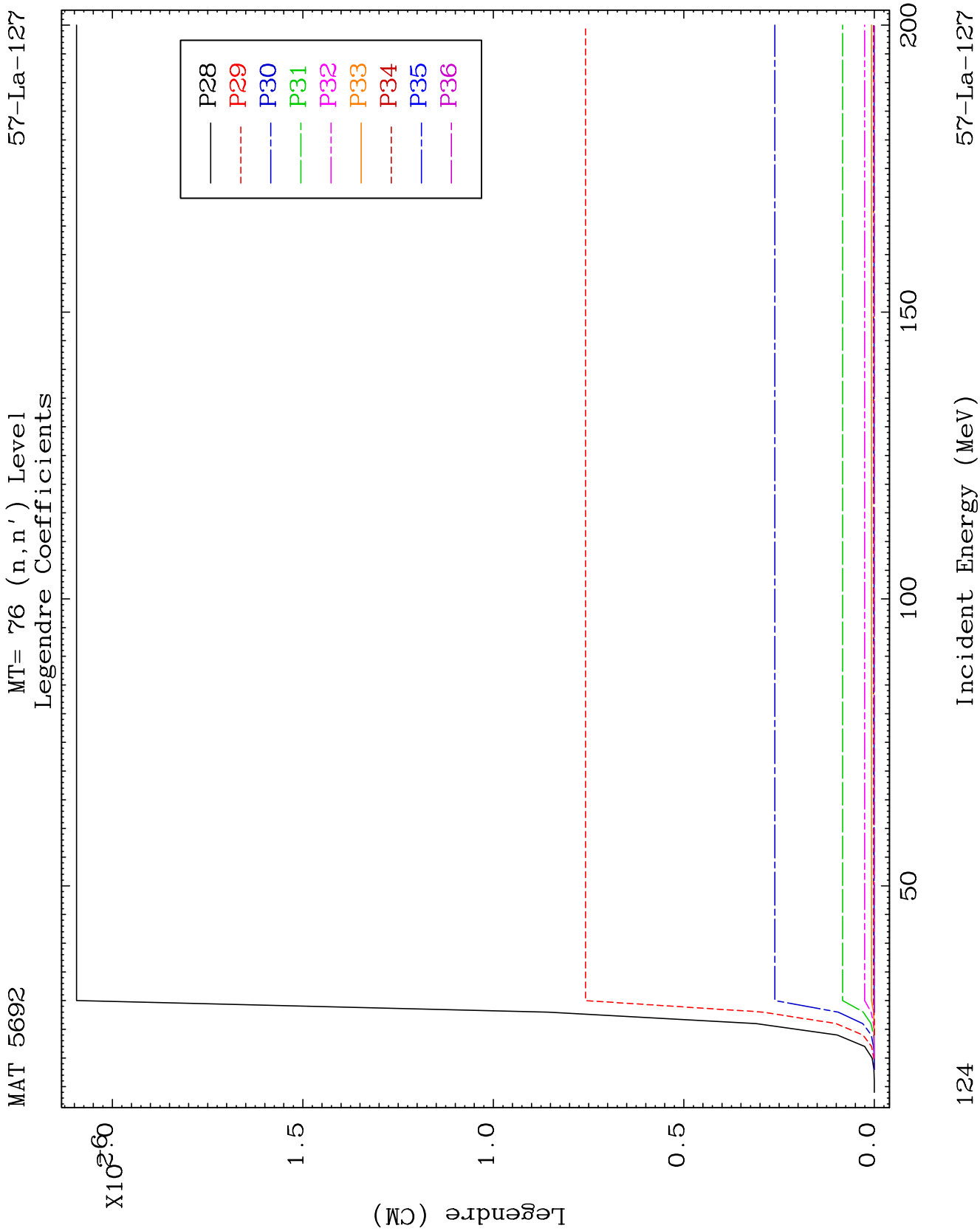


MAT 5692

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

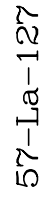
57-La-127





57-La-127

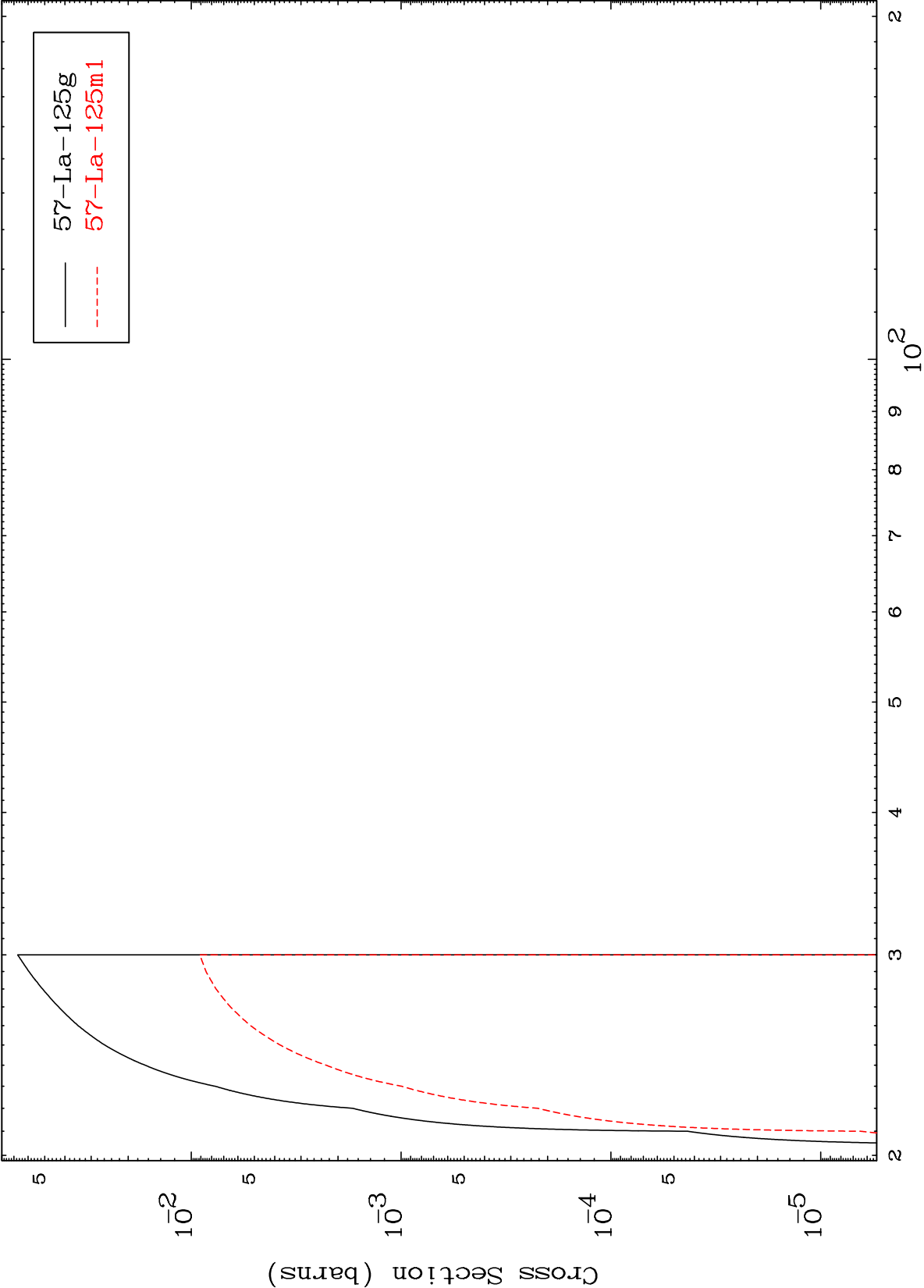
Radionuclide Production Cross Section



Incident Energy (MeV)

125

Radionuclide Production Cross Section
(n,3n)

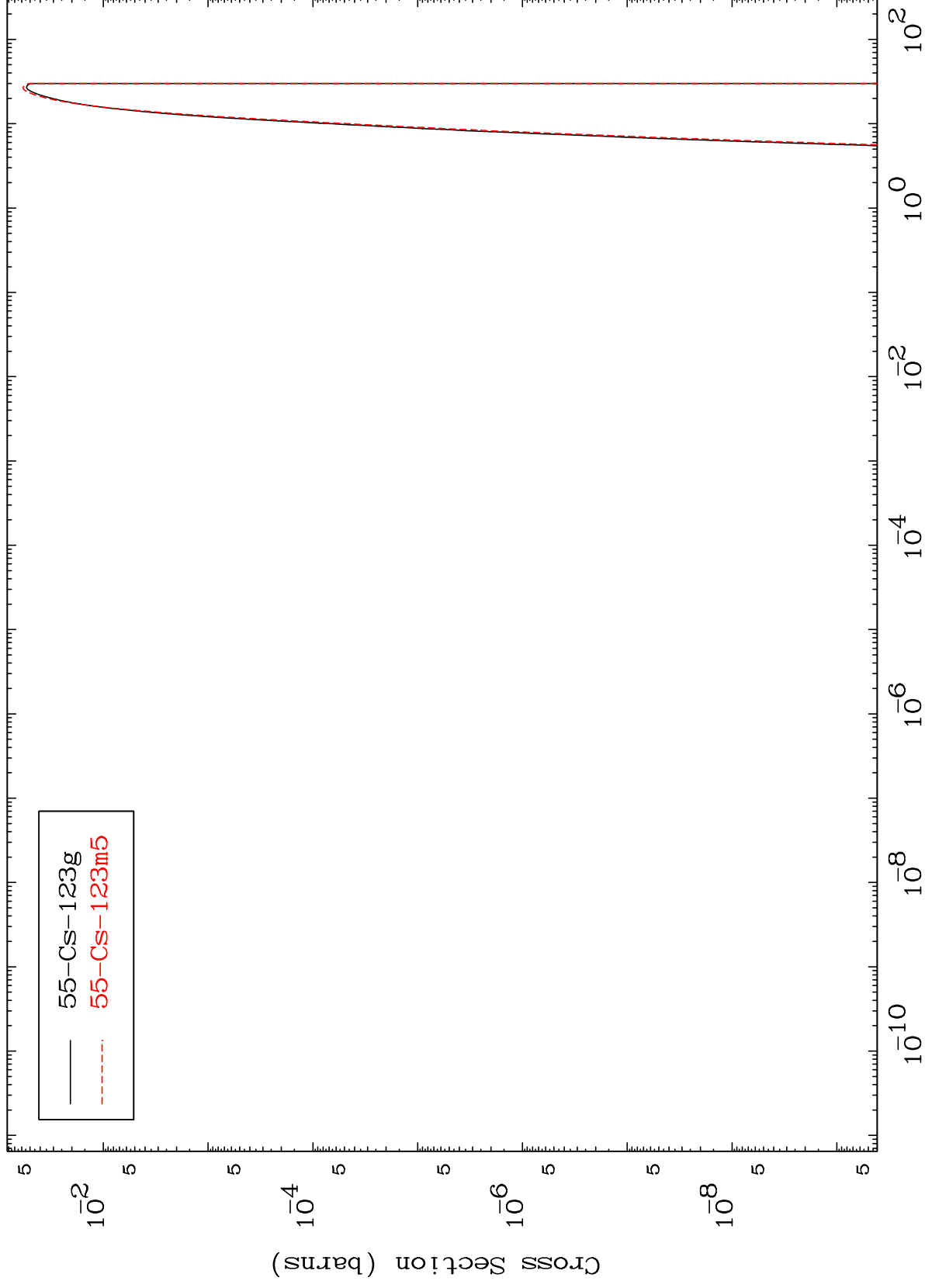


MAT 5692

$(n,n') \alpha$

57-La-127

Radionuclide Production Cross Section



127

Incident Energy (MeV)

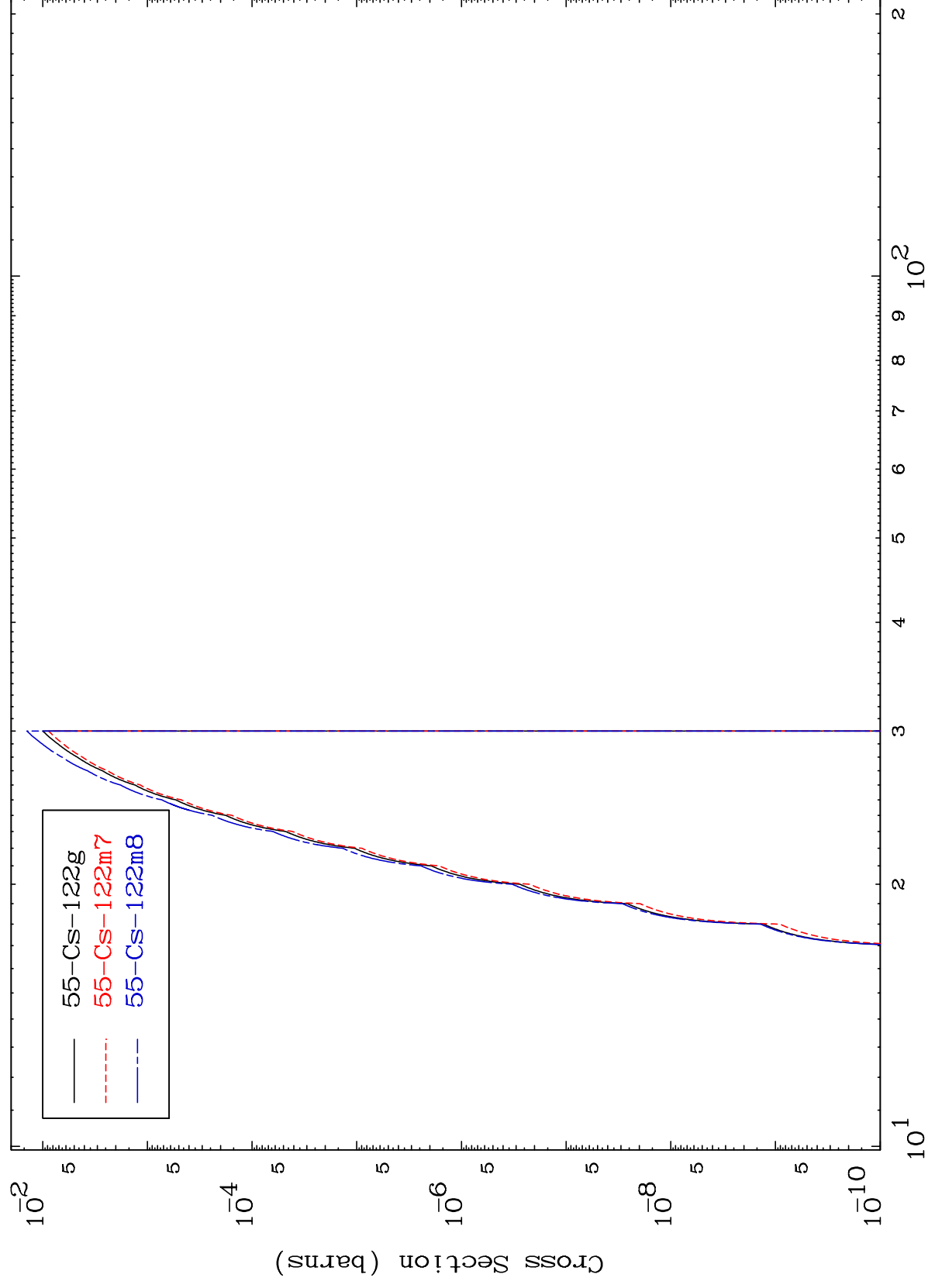
57-La-127

MAT 5692

57-La-127

$$(n, 2n) \propto$$

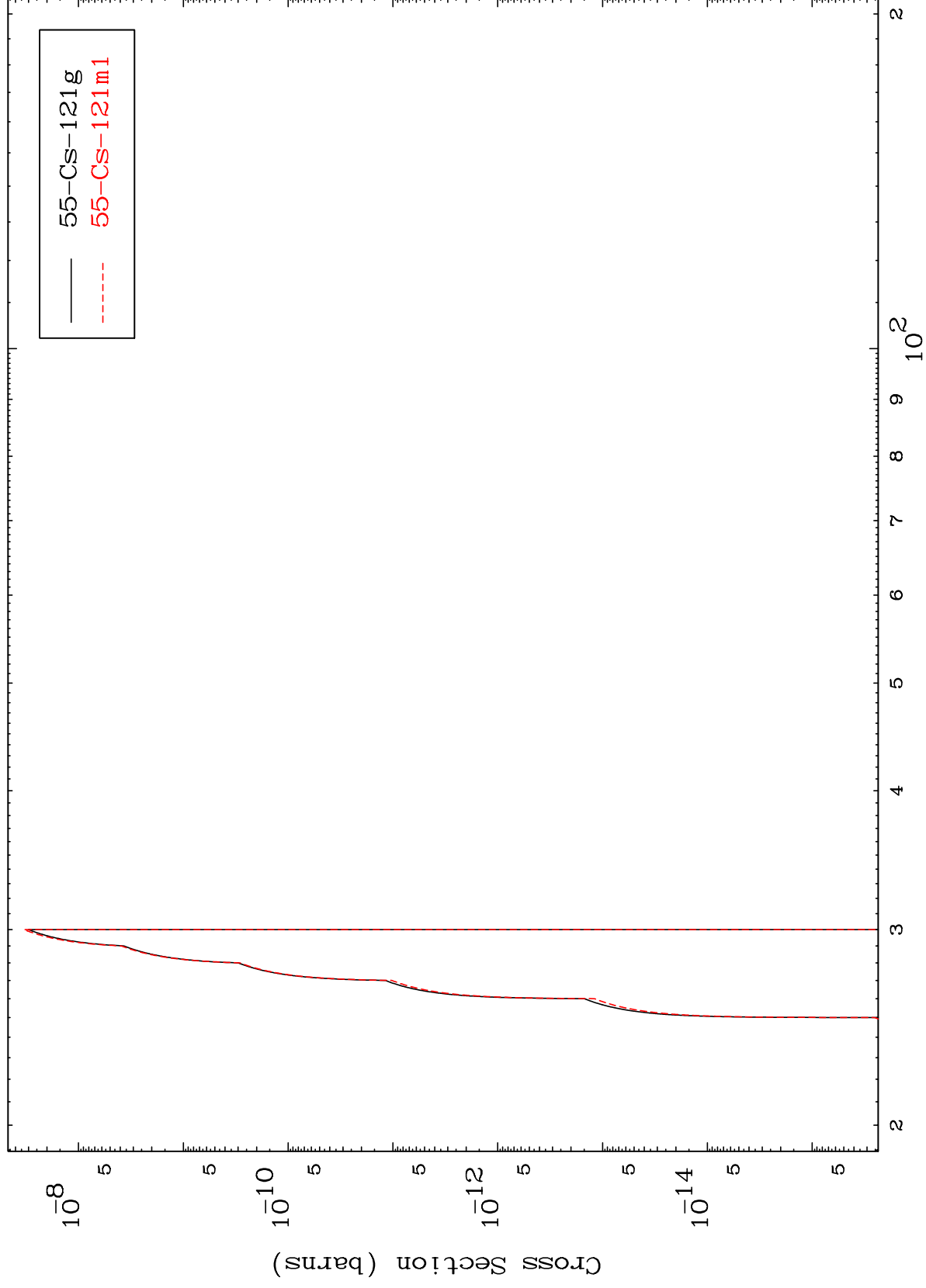
Radionuclide Production Cross Section



MAT 5692

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$(n,3n) \alpha$
Radionuclide Production Cross Section



129

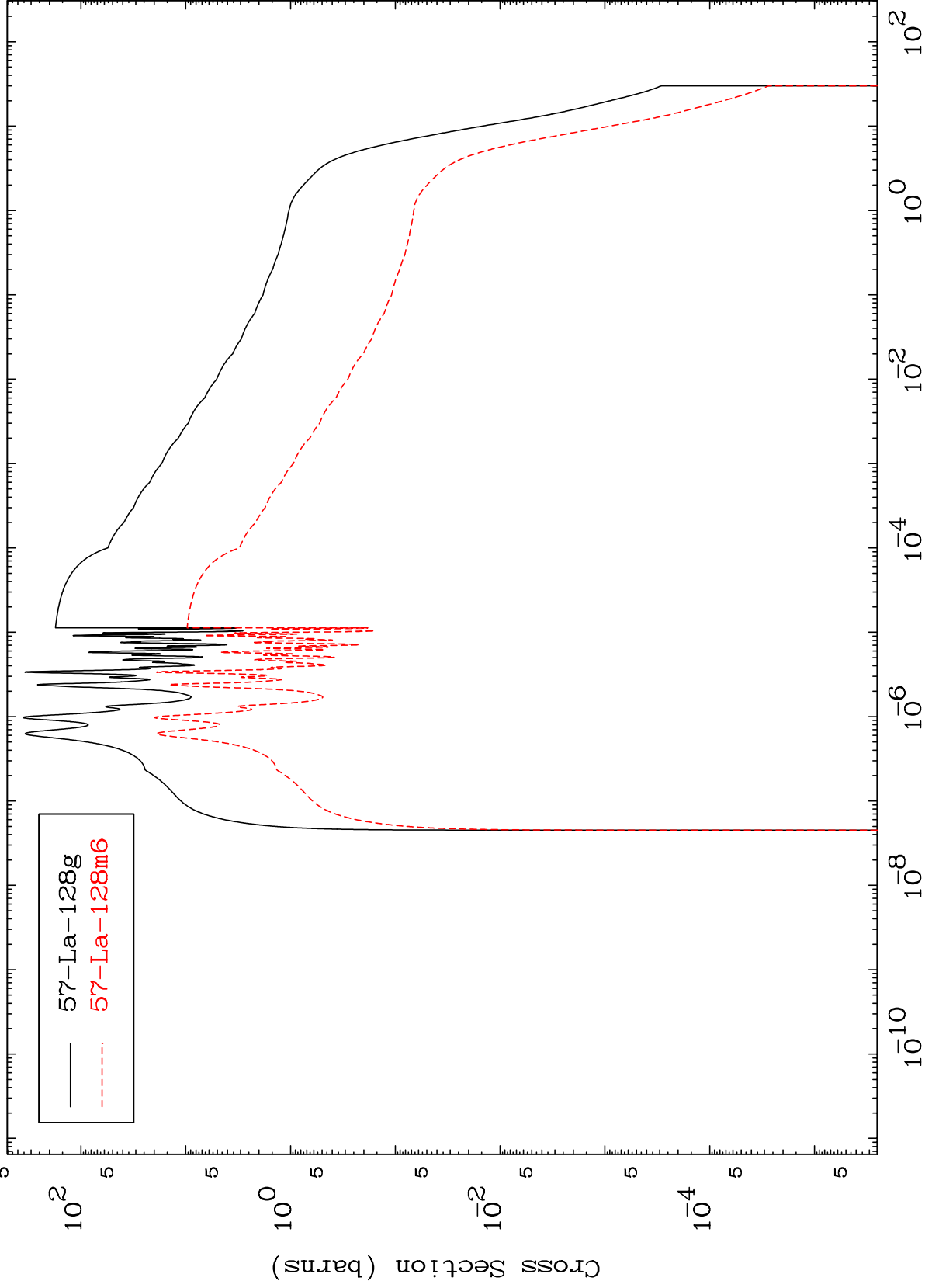
Incident Energy (MeV)

57-La-127

MAT 5692

$^{57}\text{La-127}$

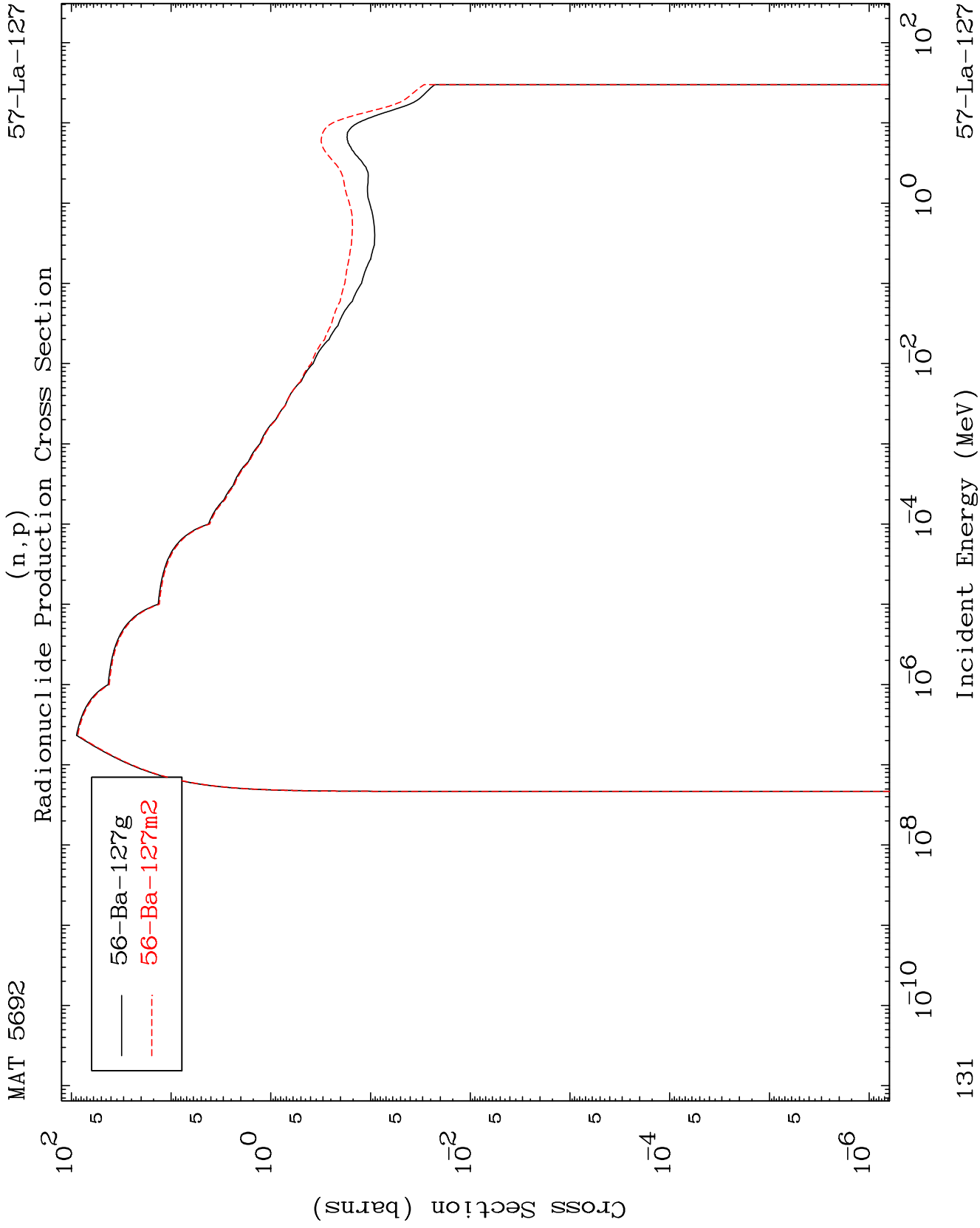
Radionuclide Production Cross Section



$^{57}\text{La-127}$

Incident Energy (MeV)

130

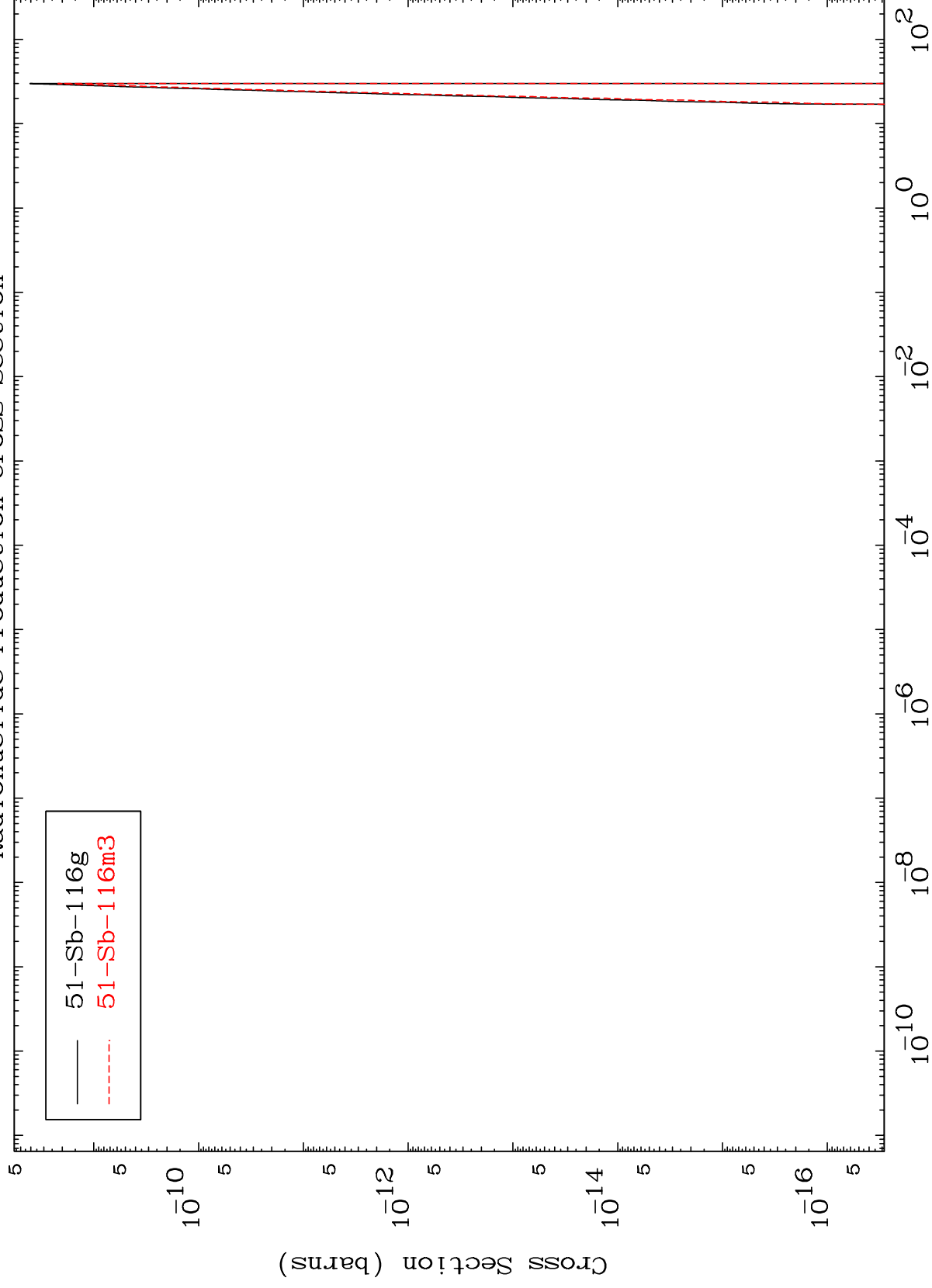


MAT 5692

(n,3 α)

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Radionuclide Production Cross Section



132

Incident Energy (MeV)

57-La-127