

Program EVALPLOT
(Version 2021-1)

by

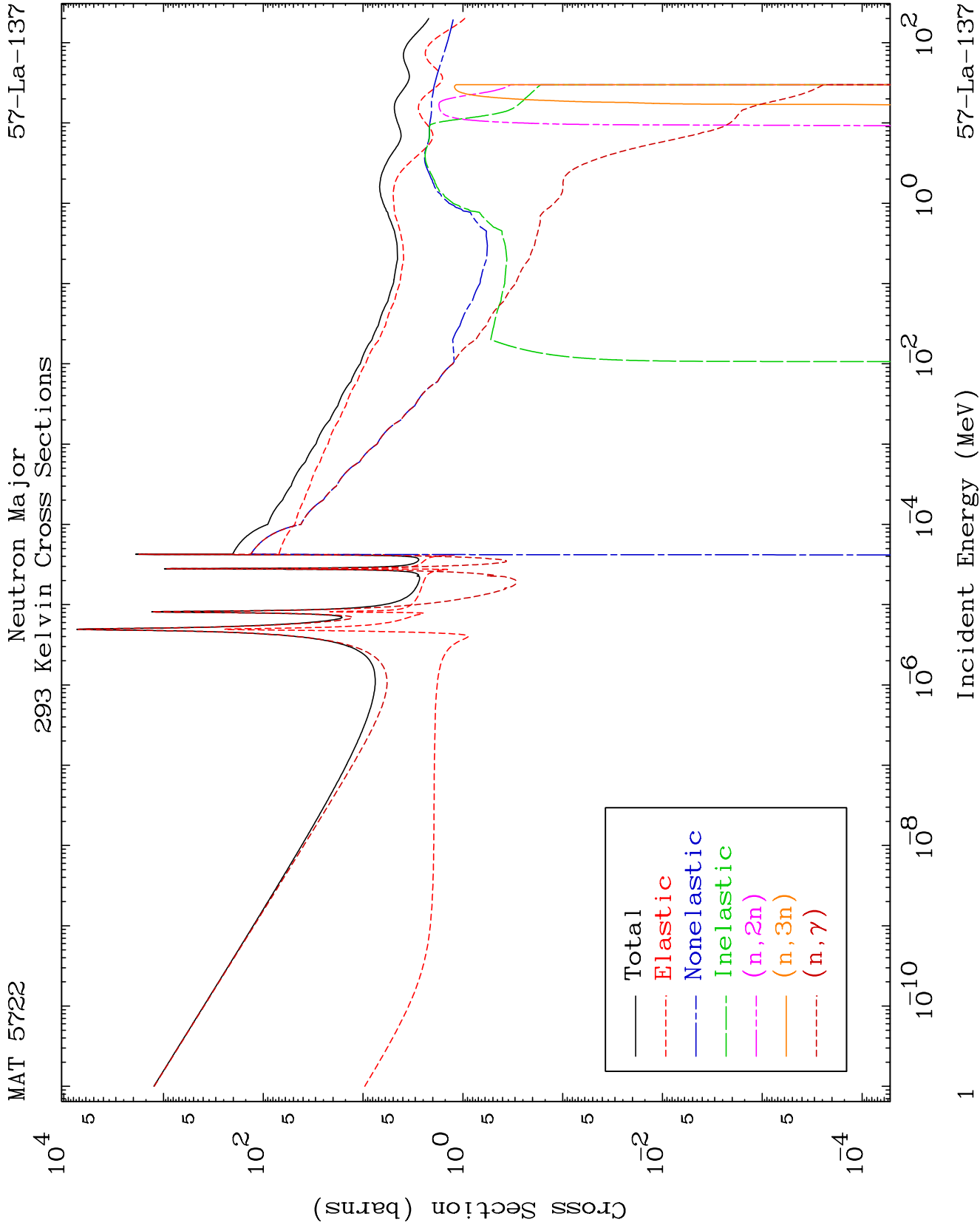
Dermott E. Cullen
(Present Contact Information)

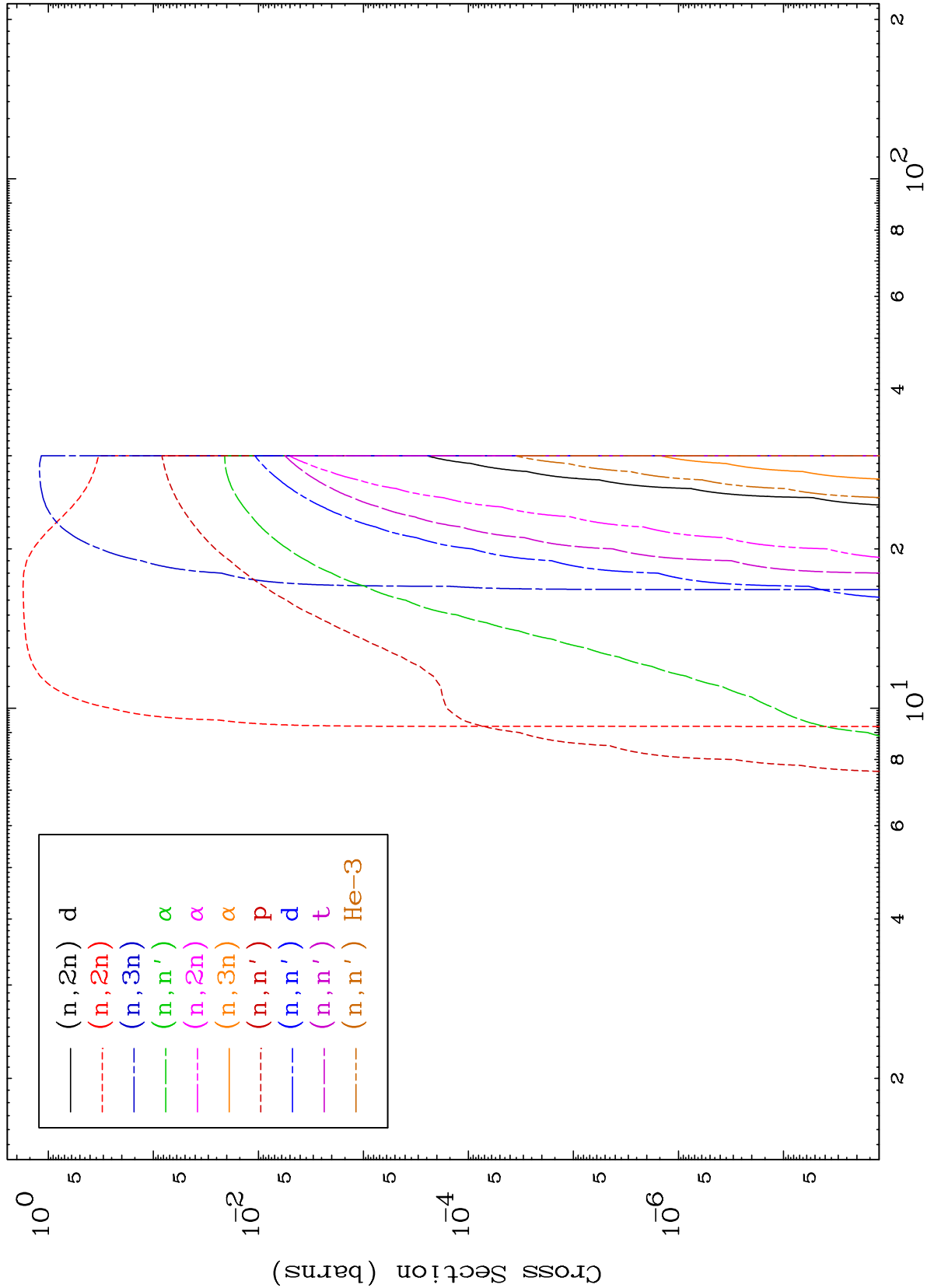
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

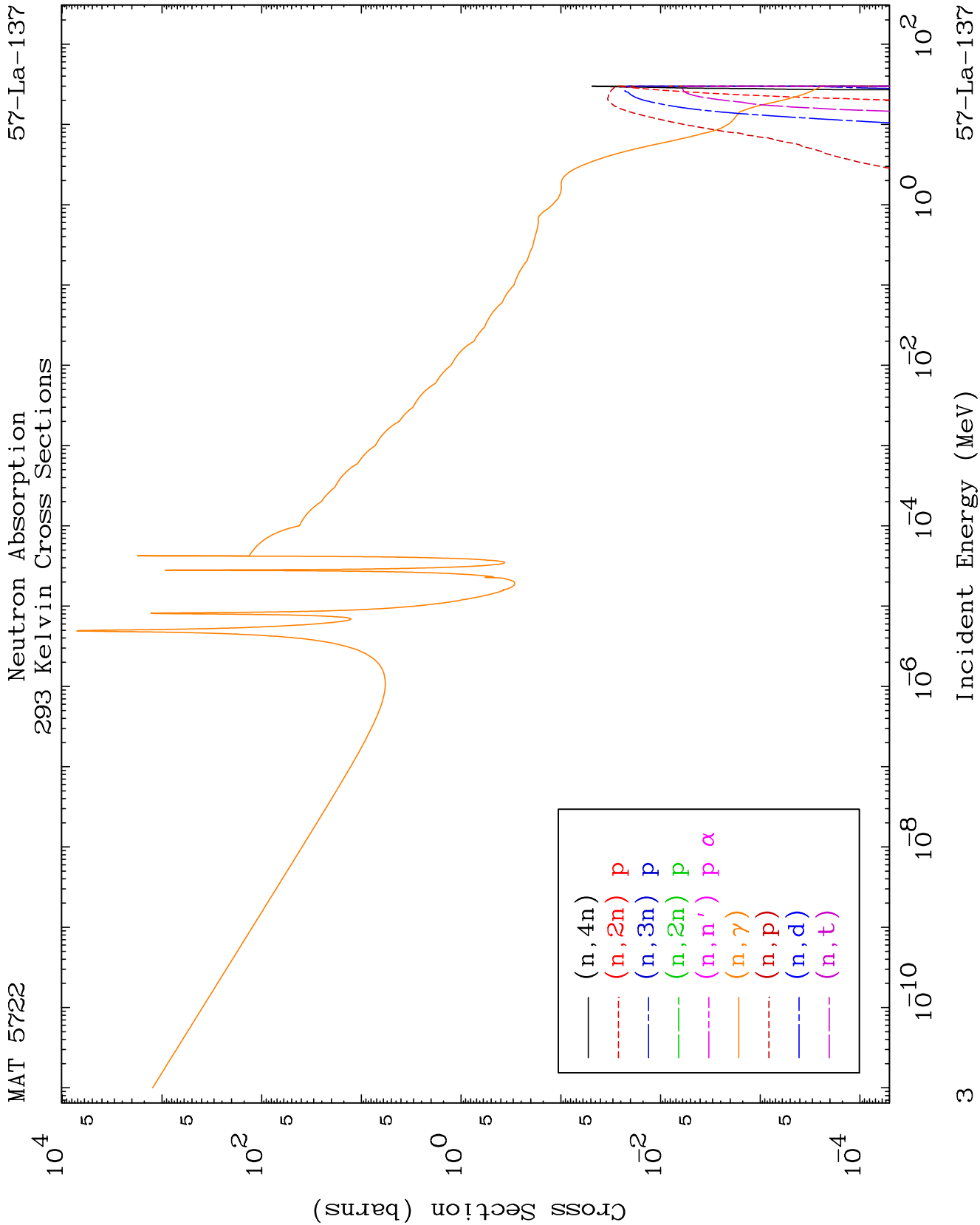
Tele: 925-443-1911

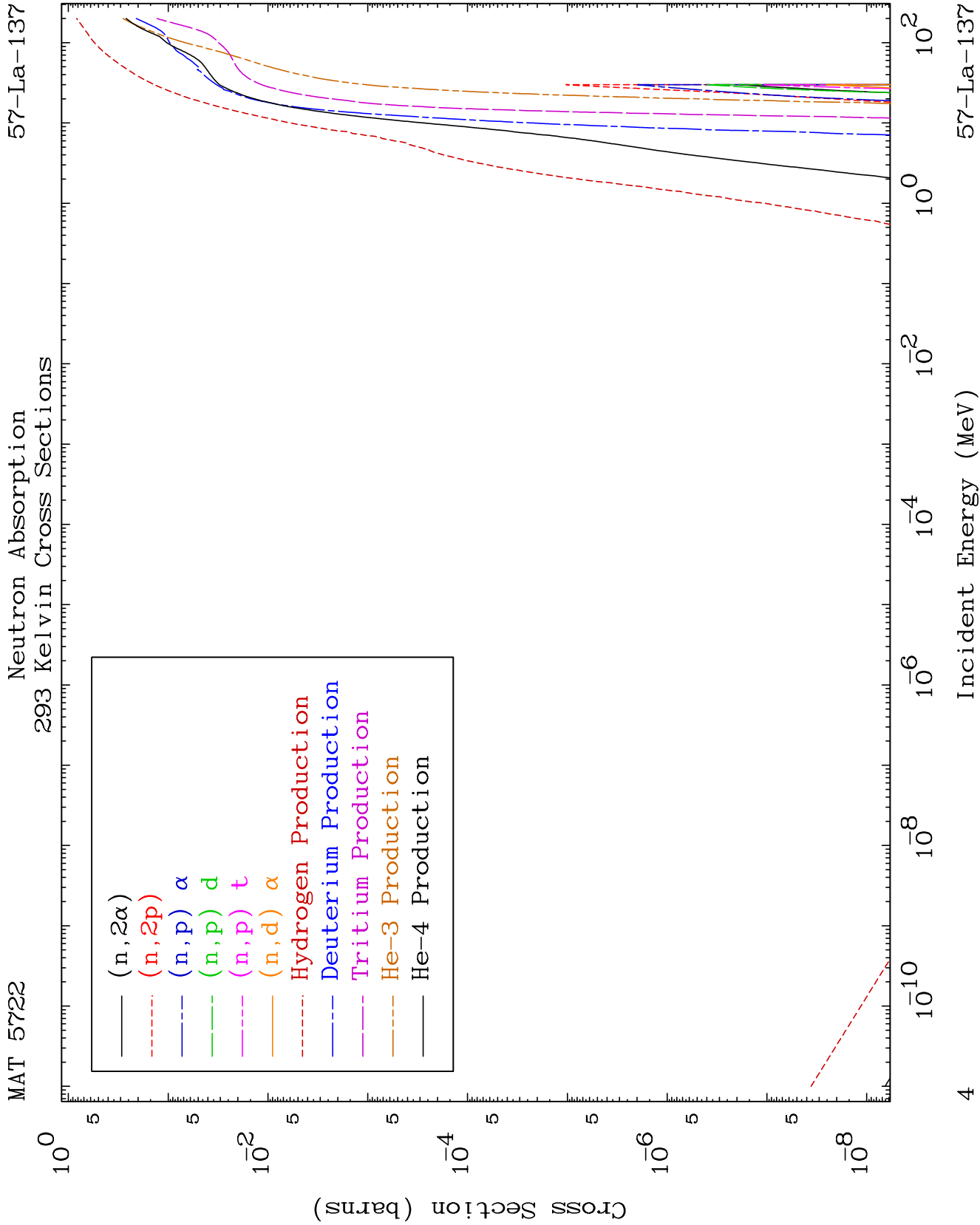
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





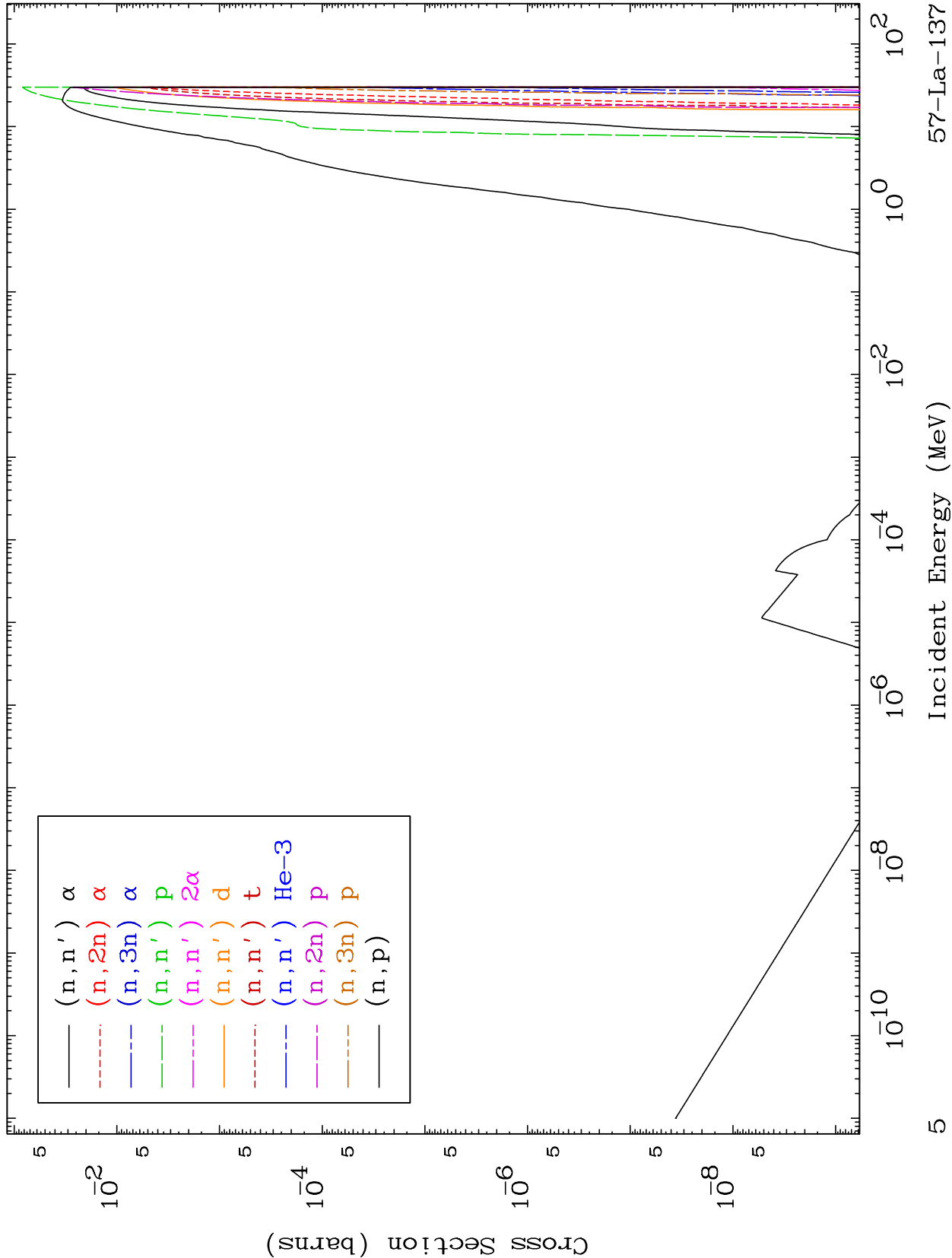




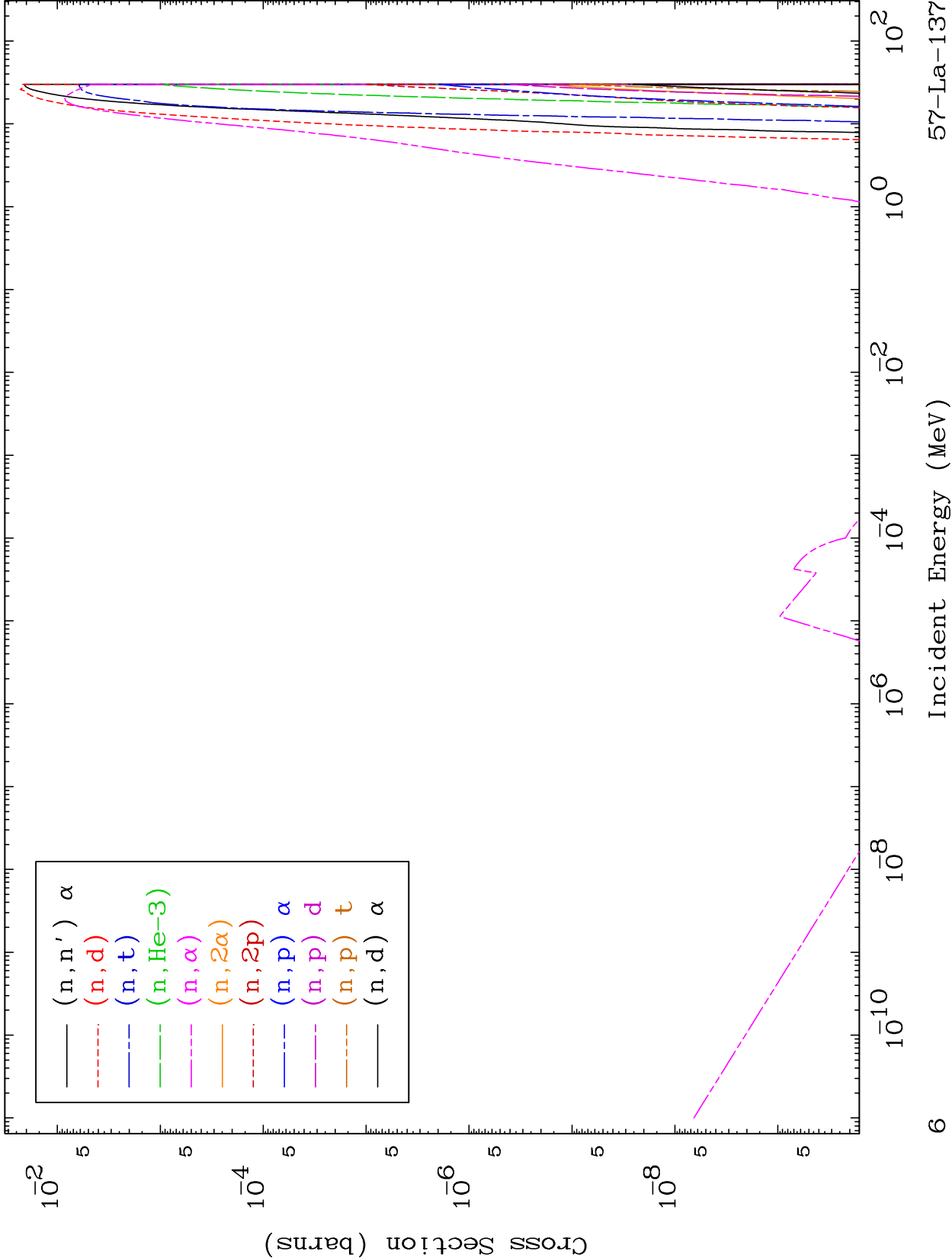
MAT 5722

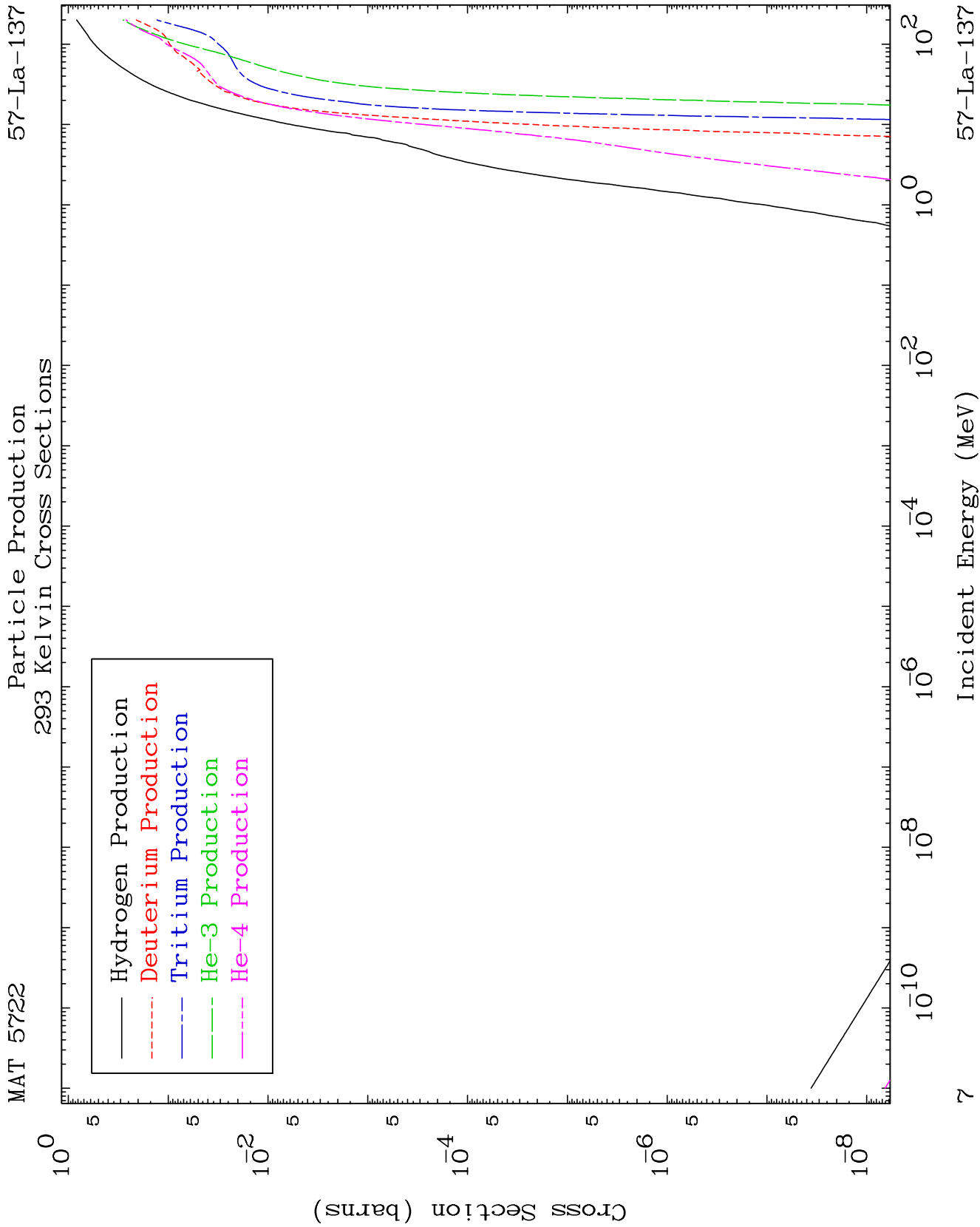
Charged Particle
293 Kelvin Cross Sections

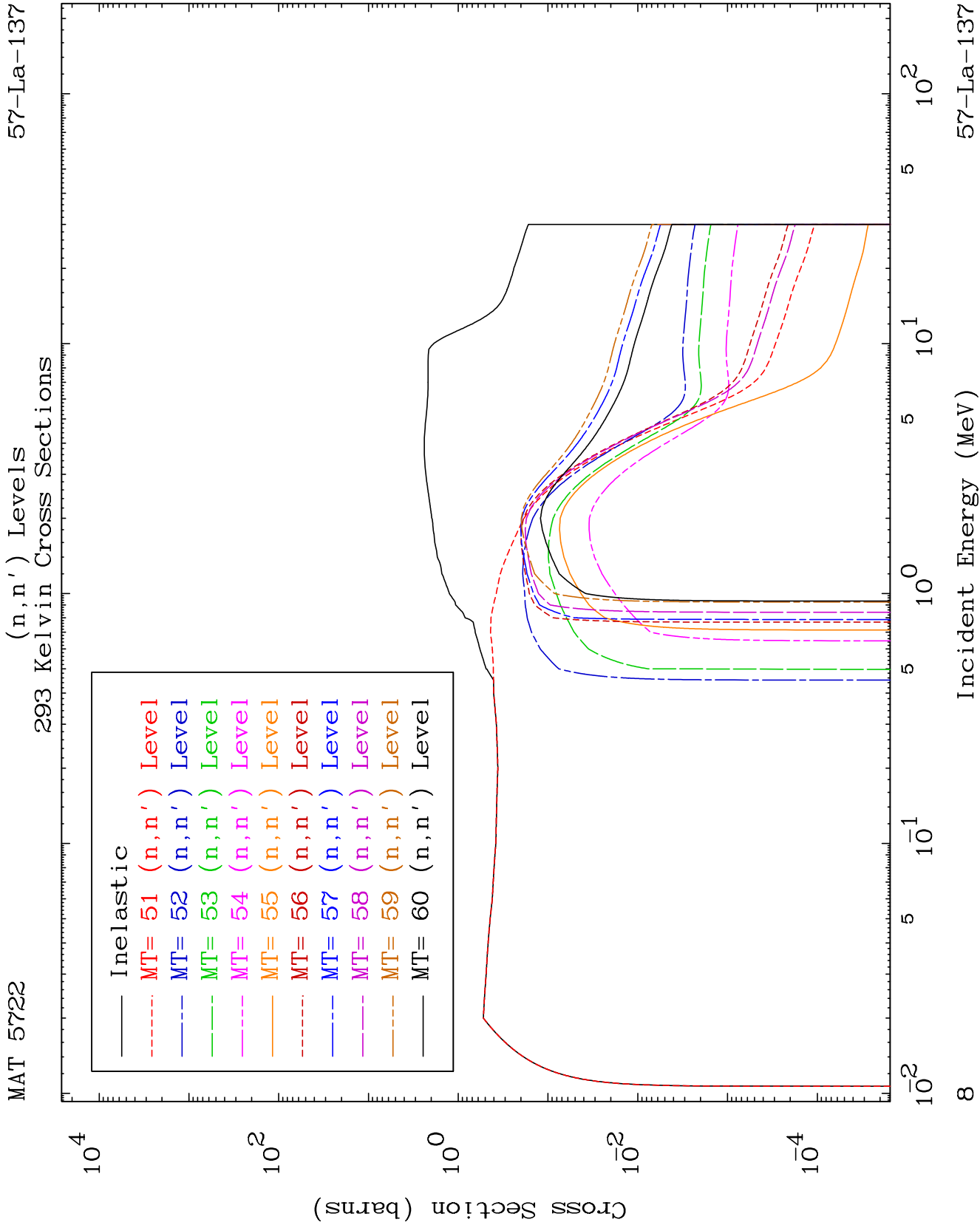
57-La-137



57-La-137



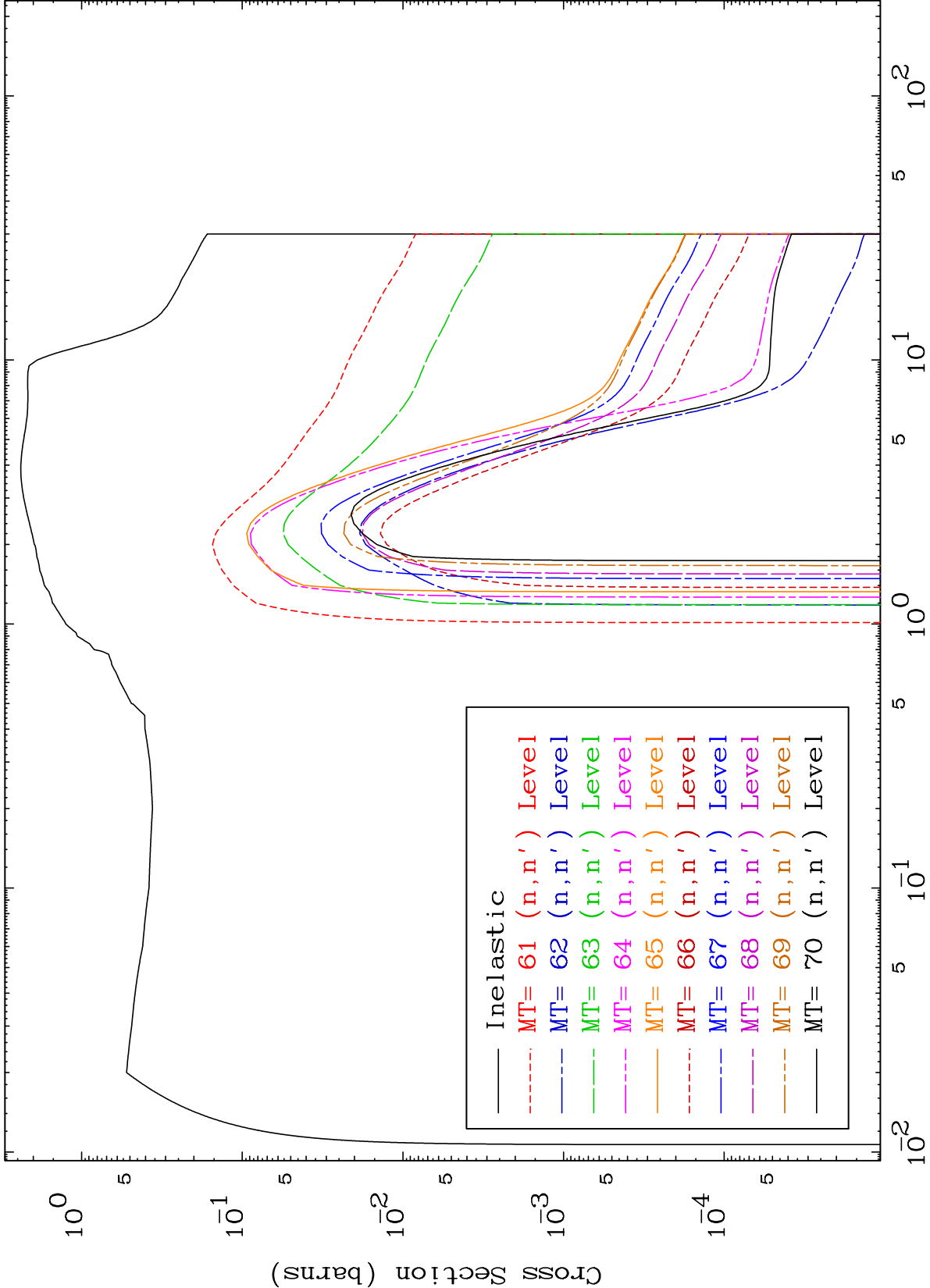




MAT 5722

(n,n') Levels
293 Kelvin Cross Sections

57-La-137



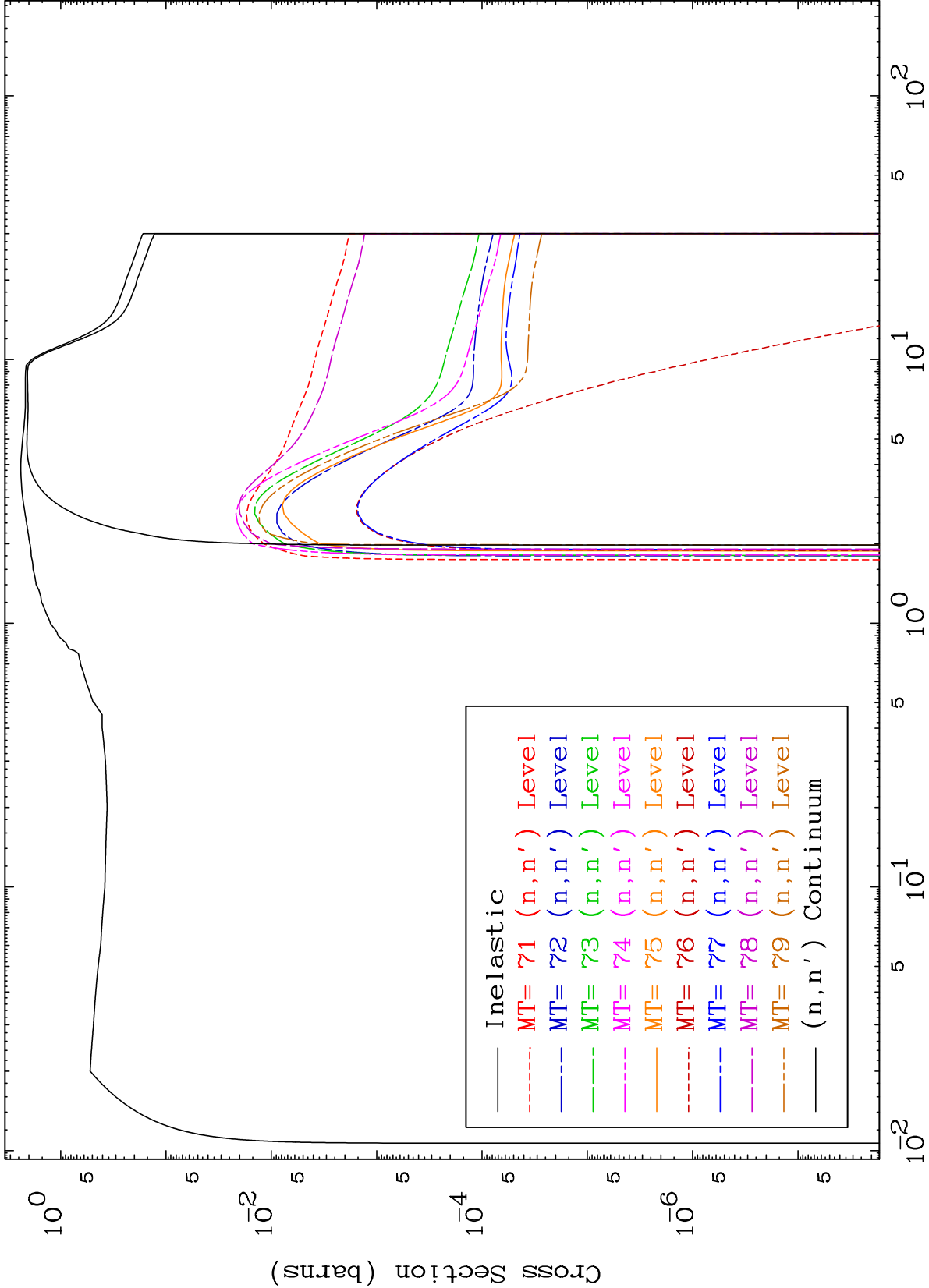
Incident Energy (MeV)

57-La-137

MAT 5722

(n,n') Levels
293 Kelvin Cross Sections

57-La-137



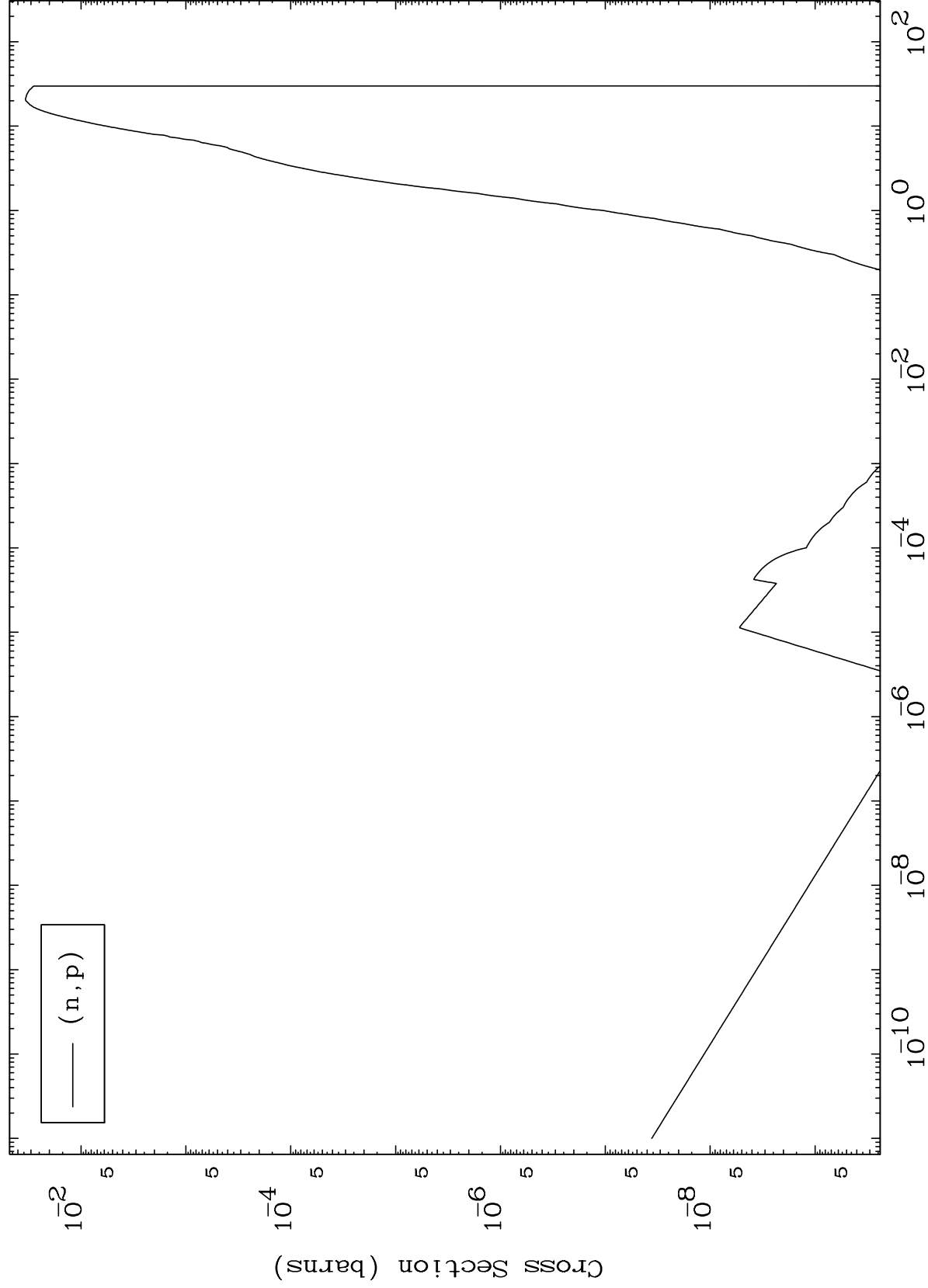
Incident Energy (MeV)

57-La-137

MAT 5722

(n,p) Levels
293 Kelvin Cross Sections

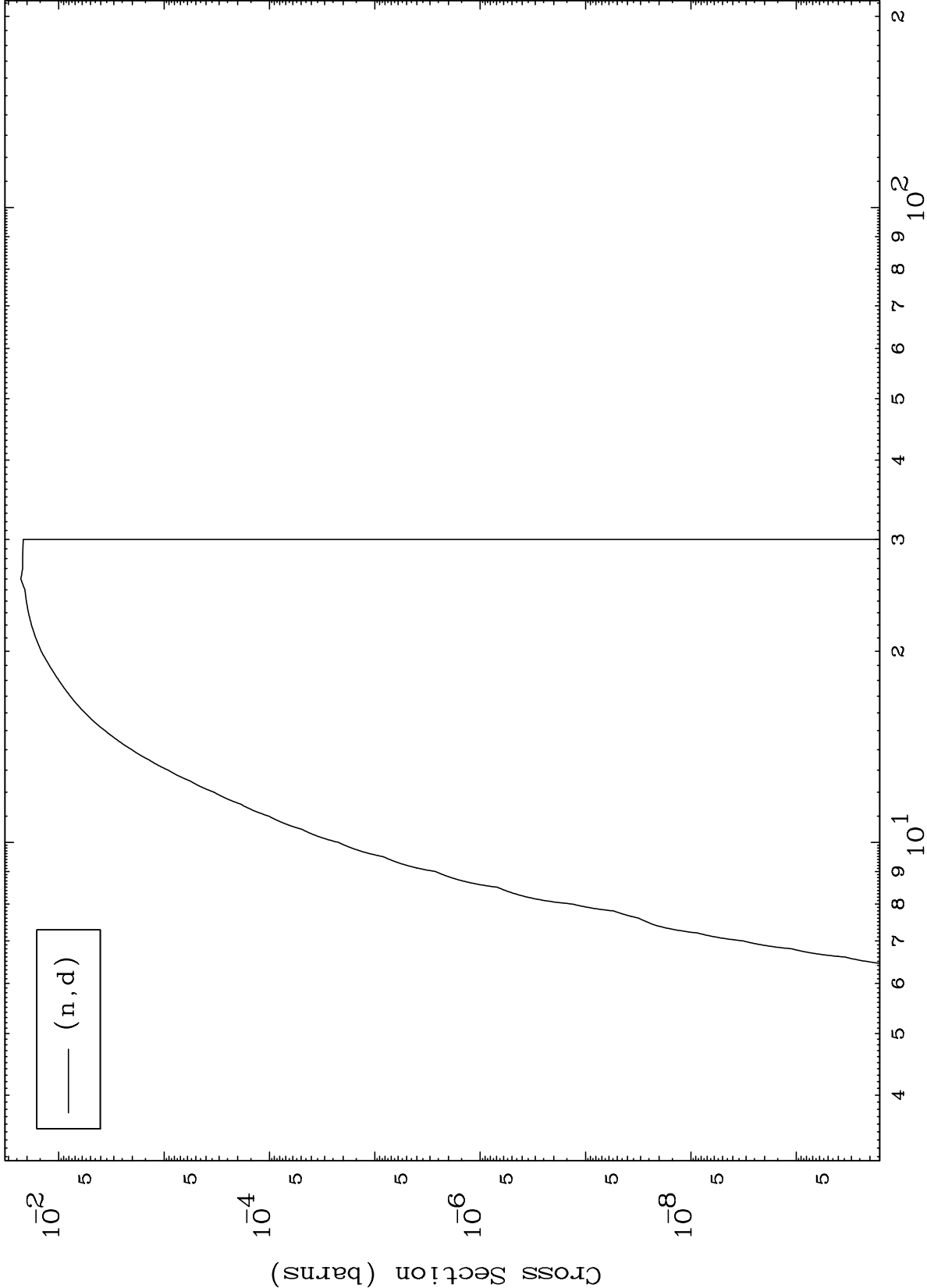
57-La-137



MAT 5722

(n,d) Levels
293 Kelvin Cross Sections

57-La-137



12

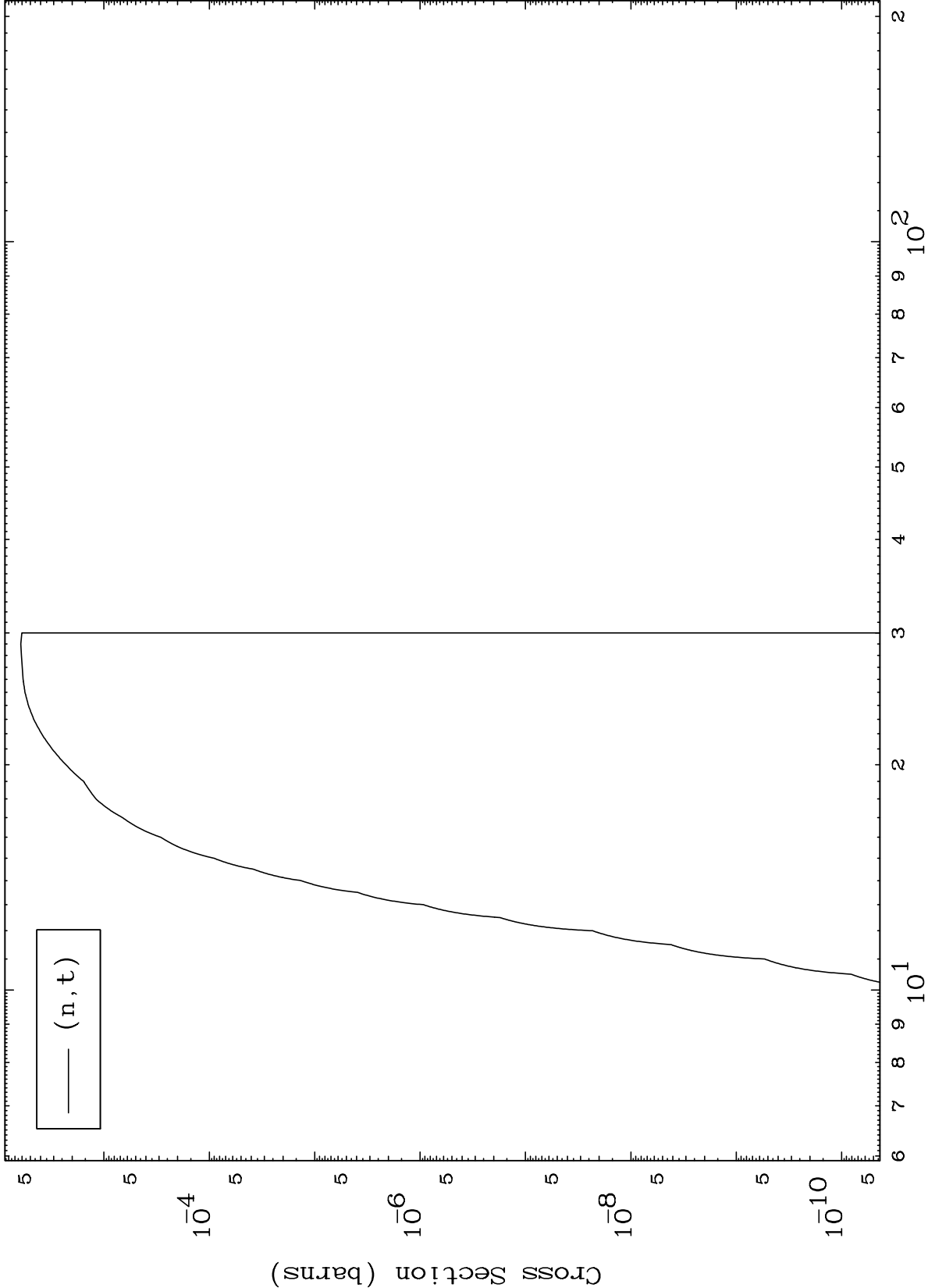
Incident Energy (MeV)

57-La-137

MAT 5722

(n,t) Levels
293 Kelvin Cross Sections

57-La-137



13

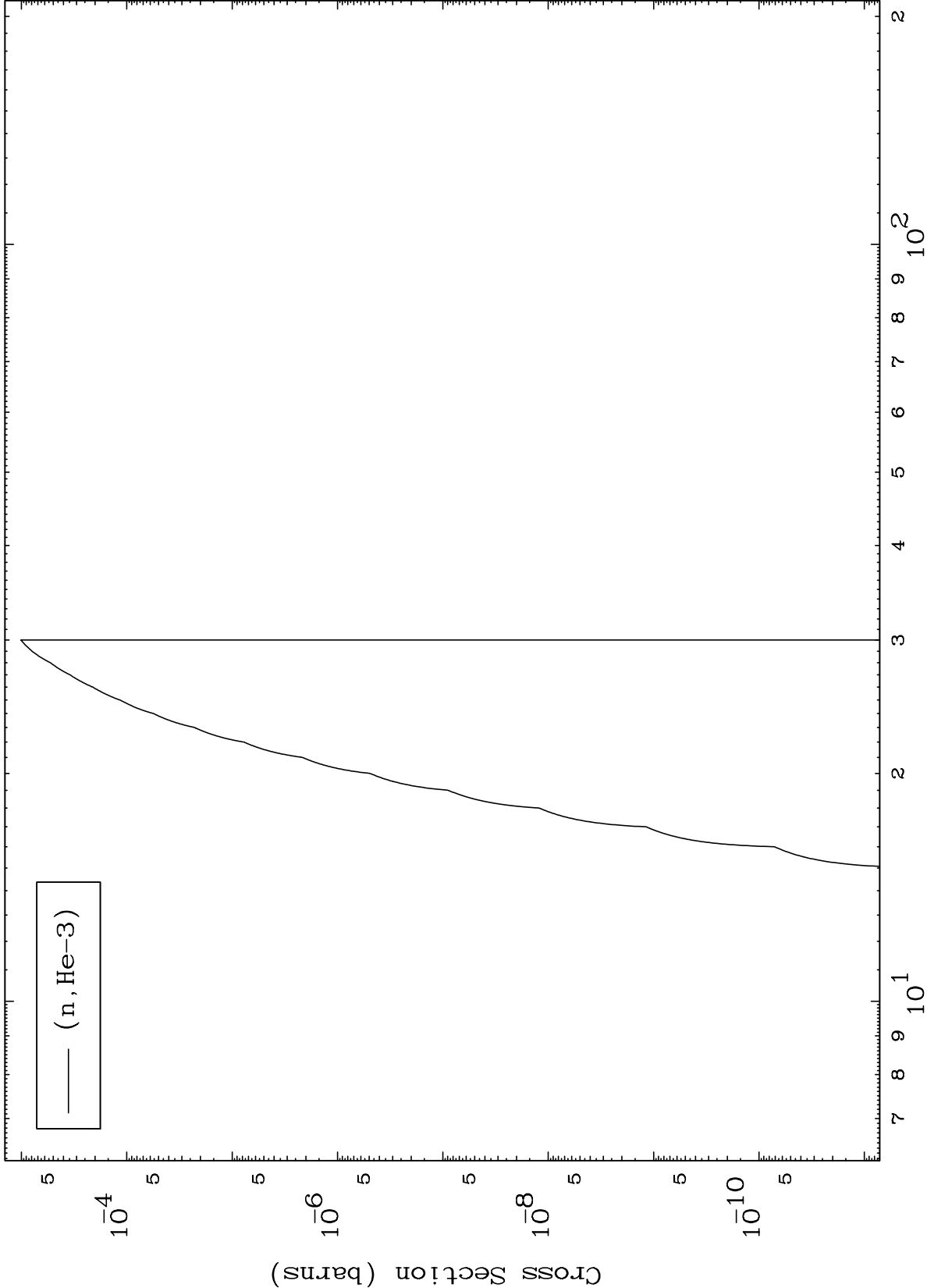
Incident Energy (MeV)

57-La-137

MAT 5722

(n,He3) Levels
293 Kelvin Cross Sections

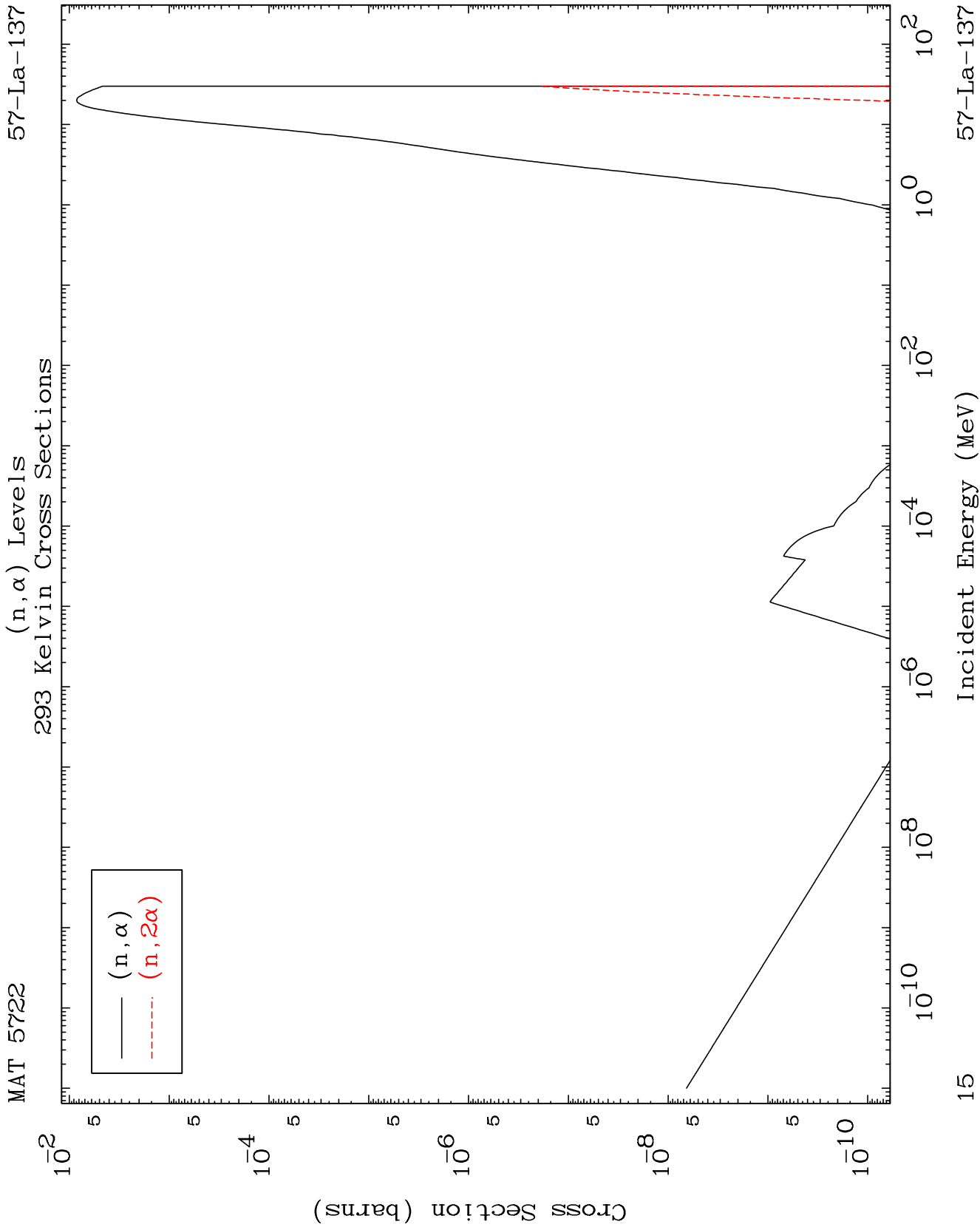
57-La-137

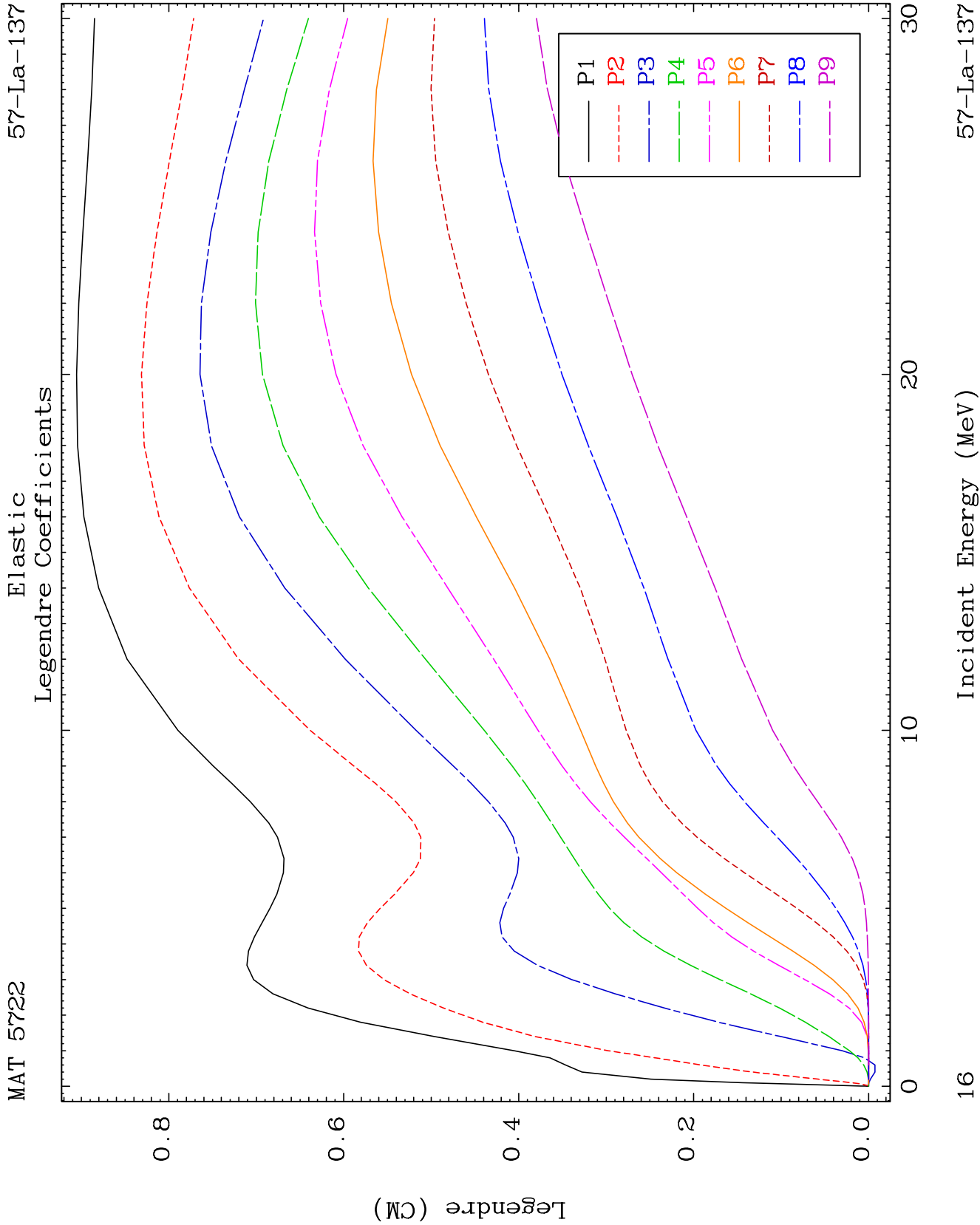


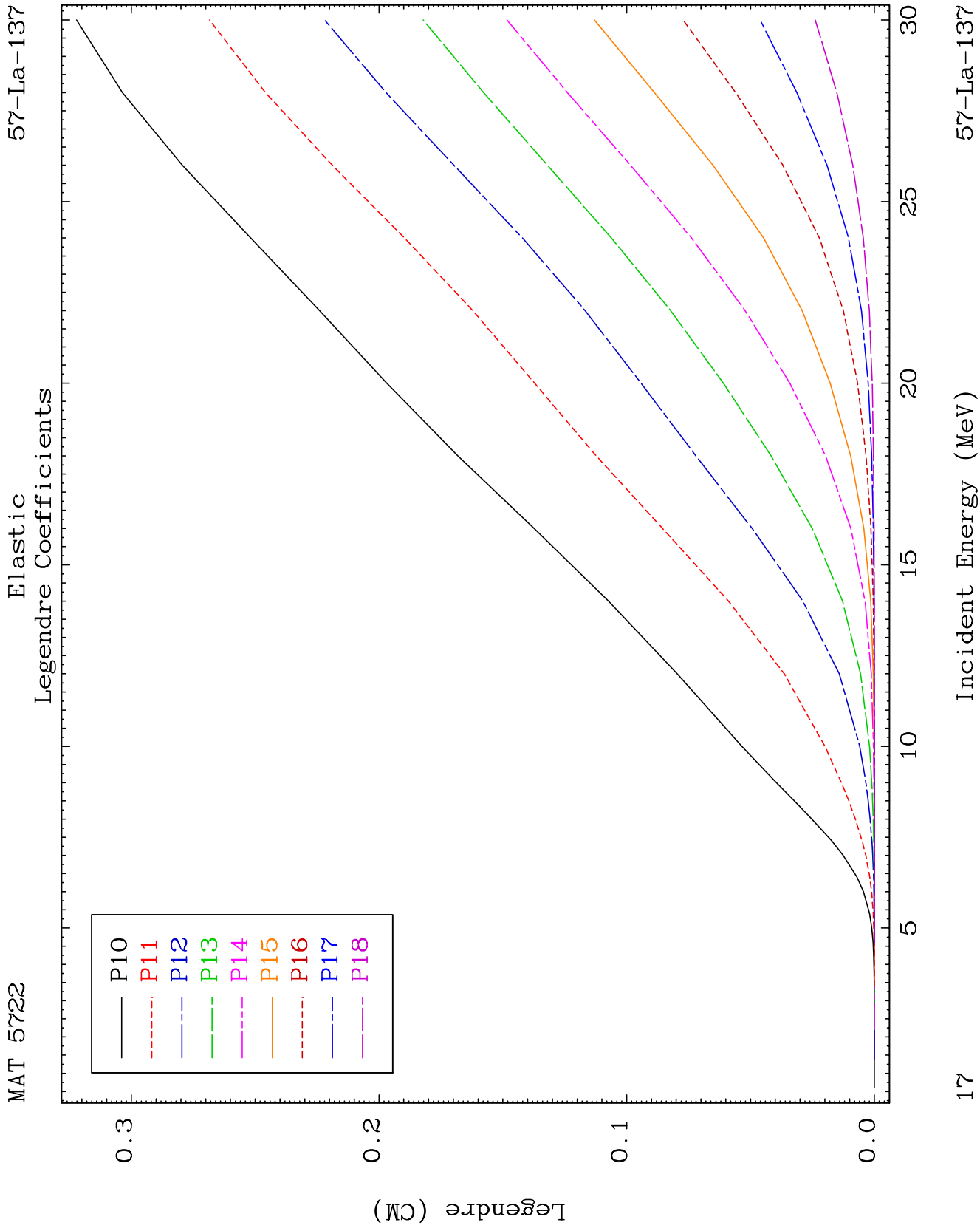
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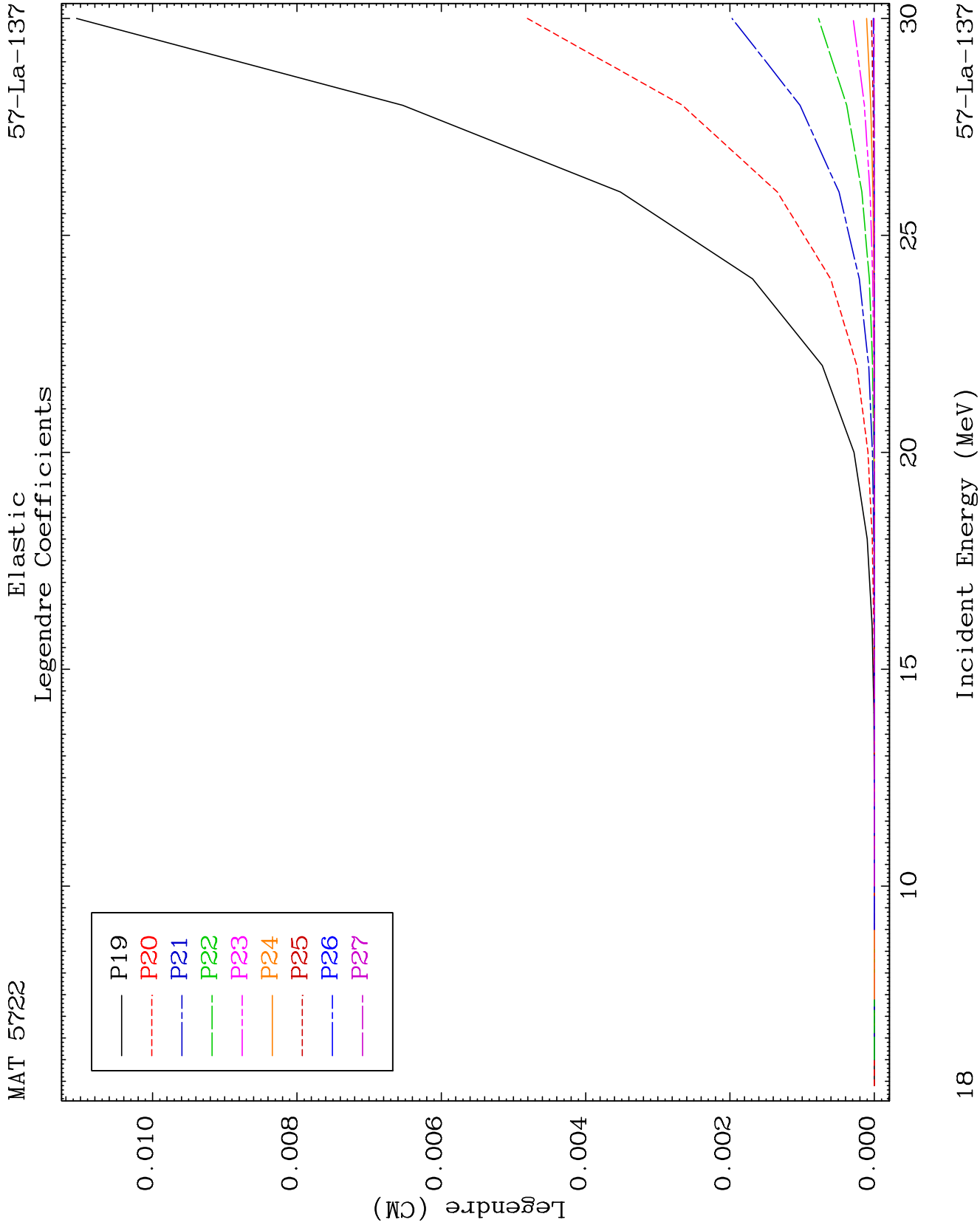
Incident Energy (MeV)

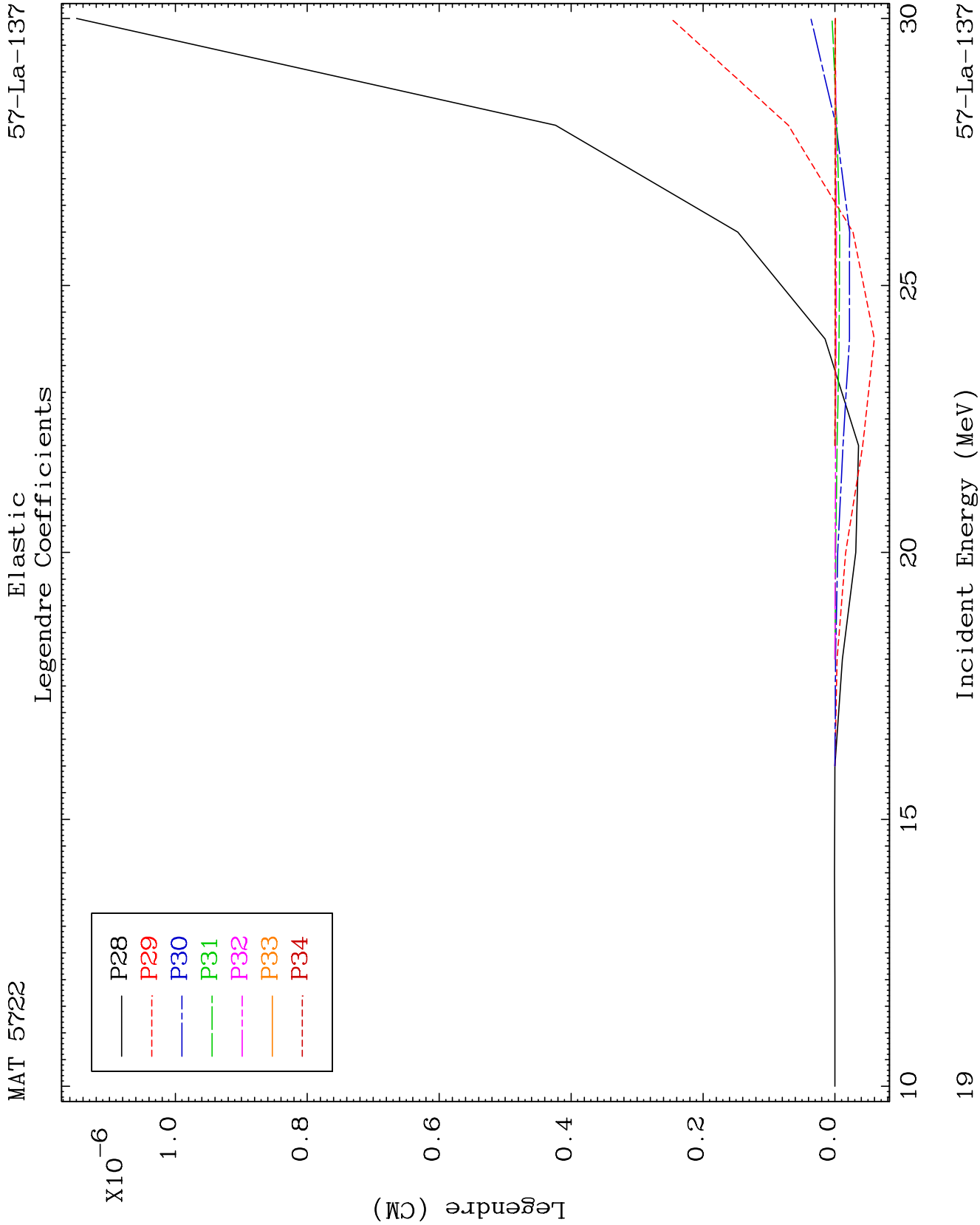
57-La-137







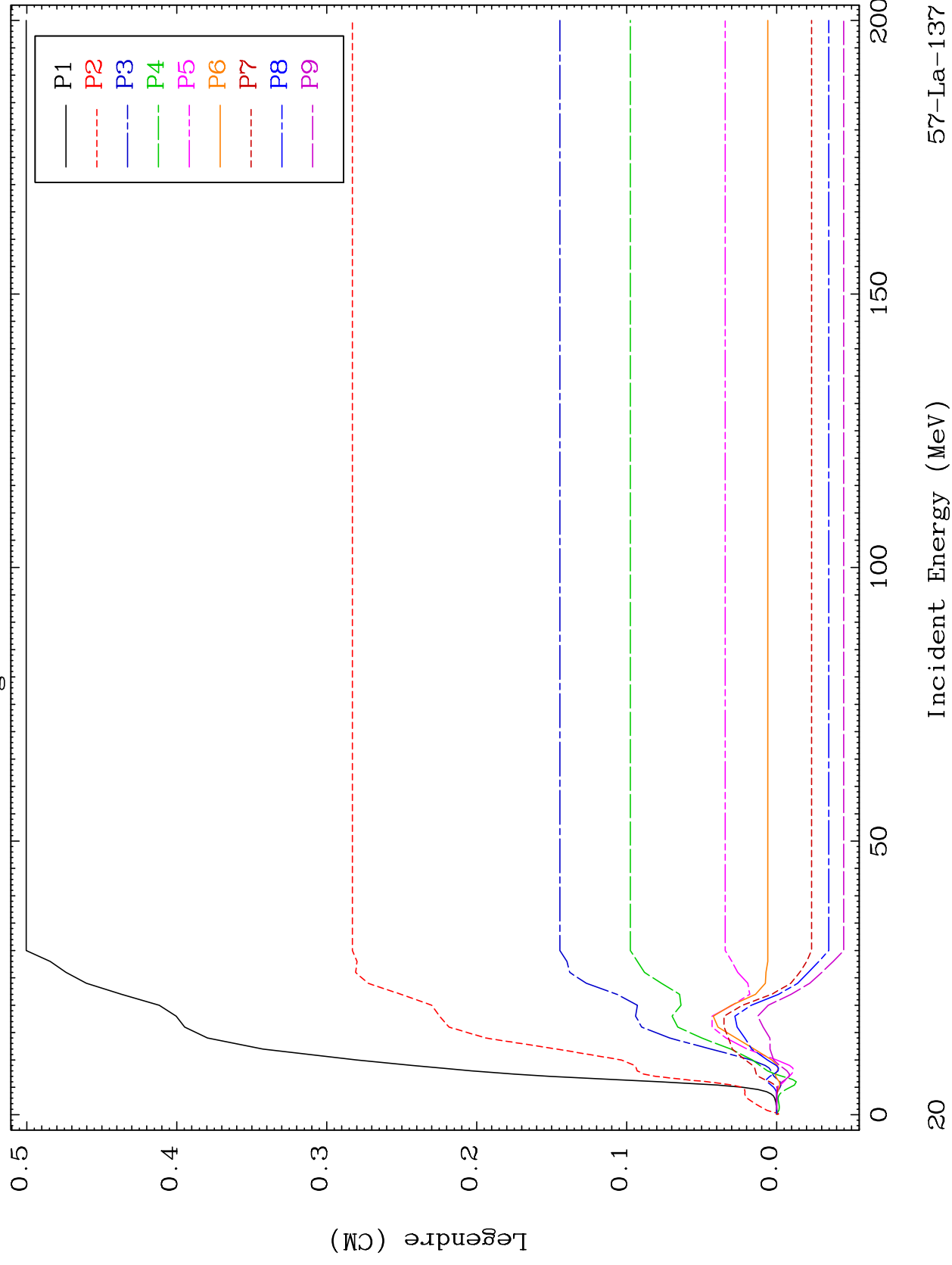


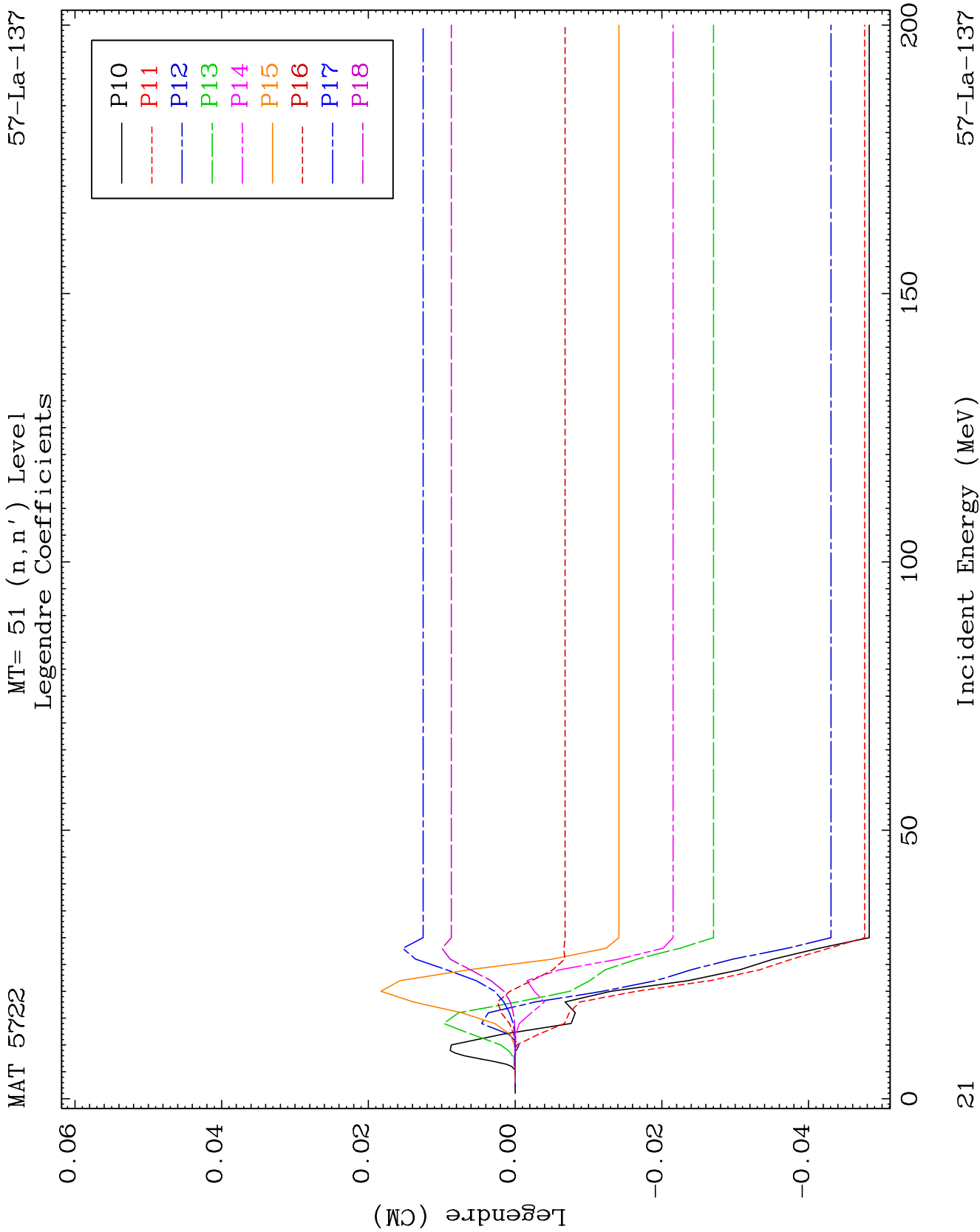


MAT 5722

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

57-La-137

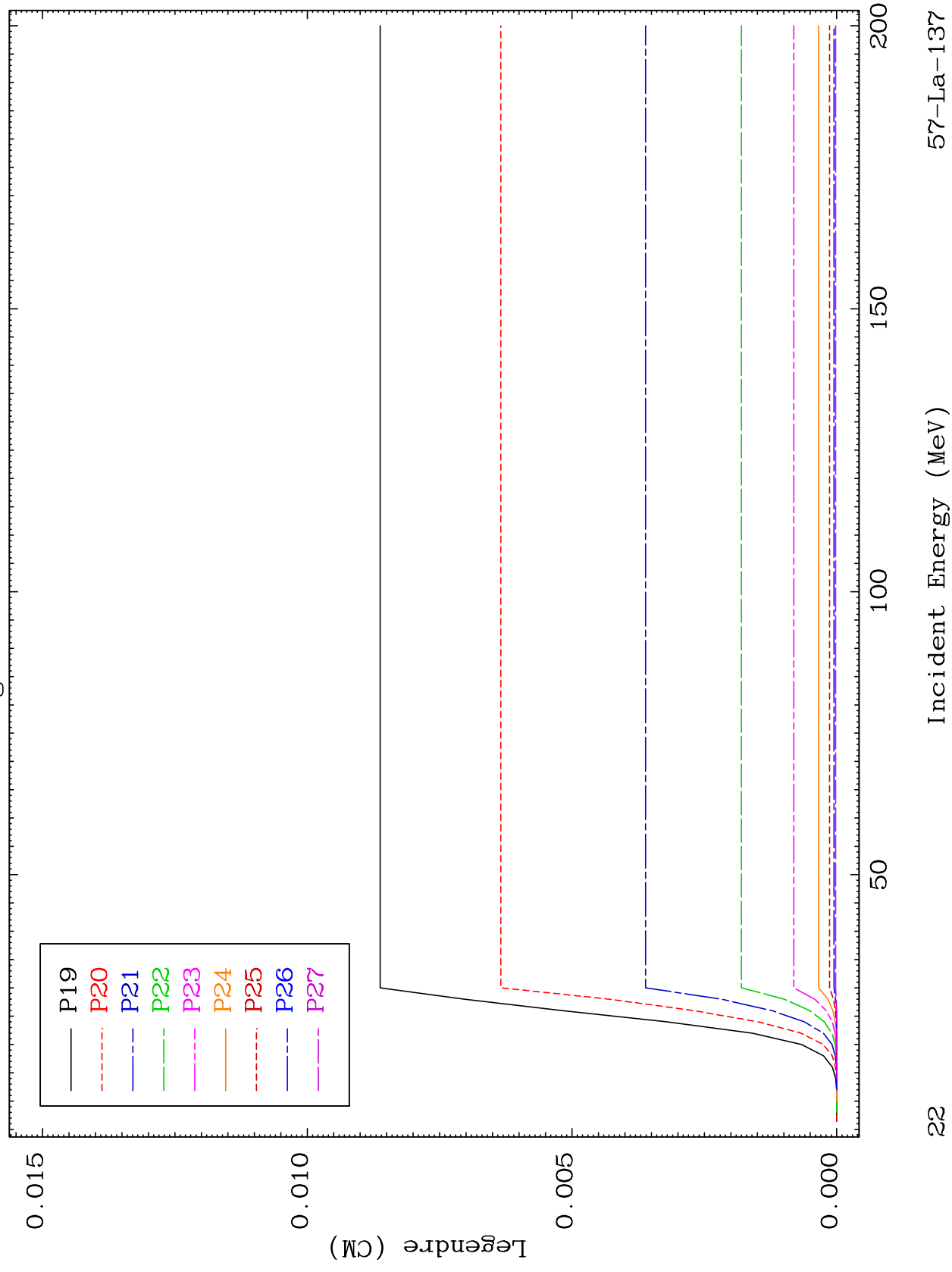


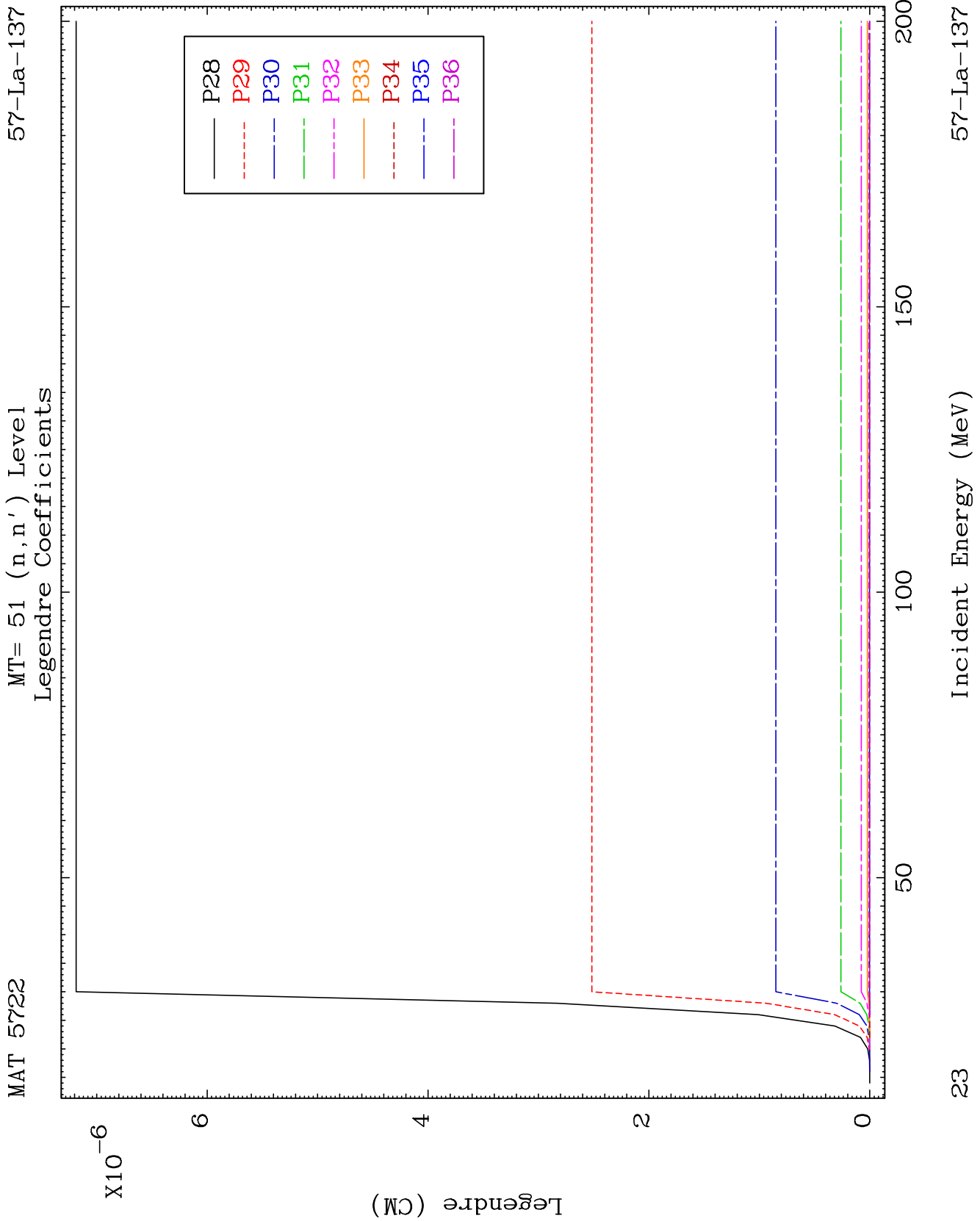


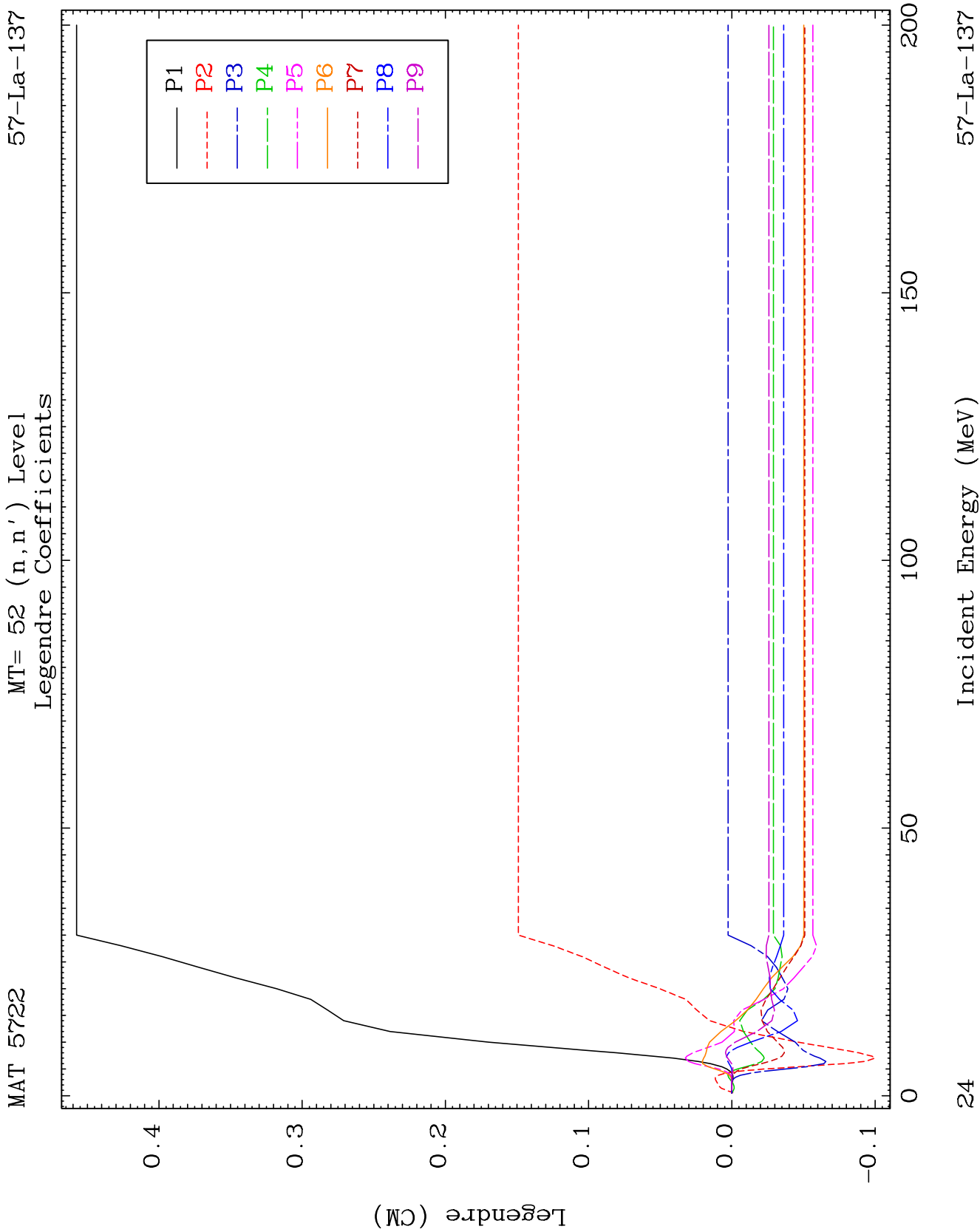
MAT 5722

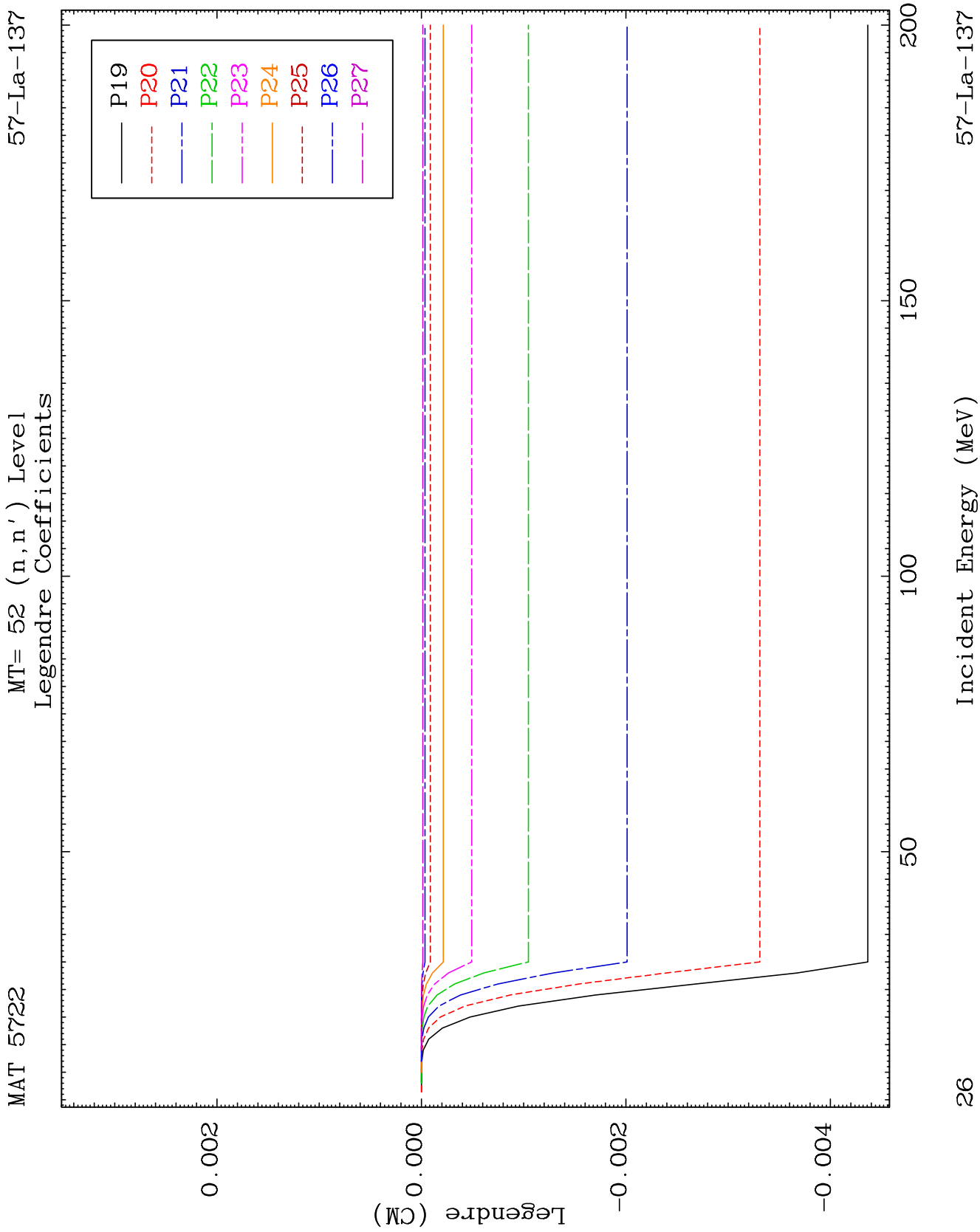
MT= 51 (n, n') Level
Legendre Coefficients

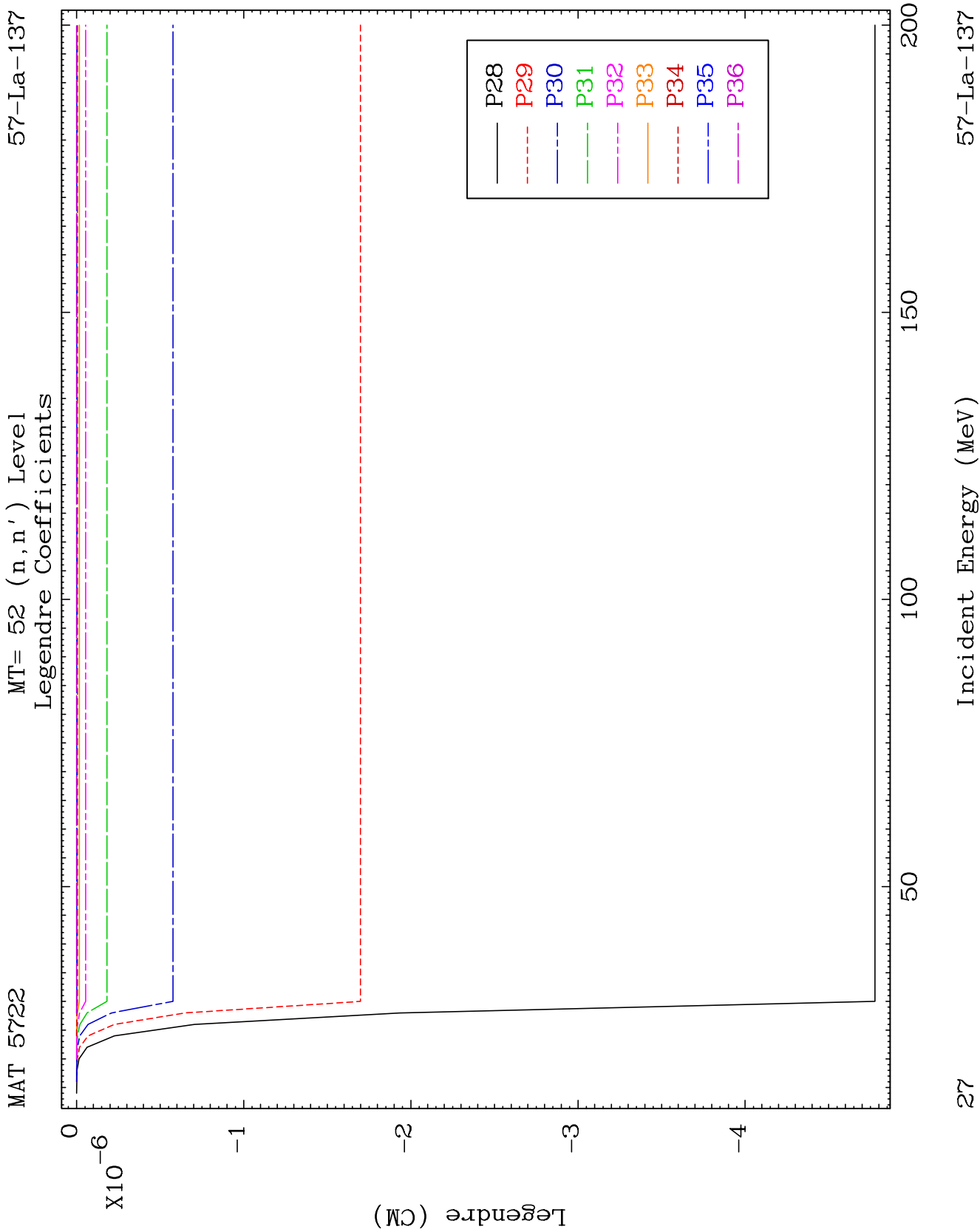
57-La-137







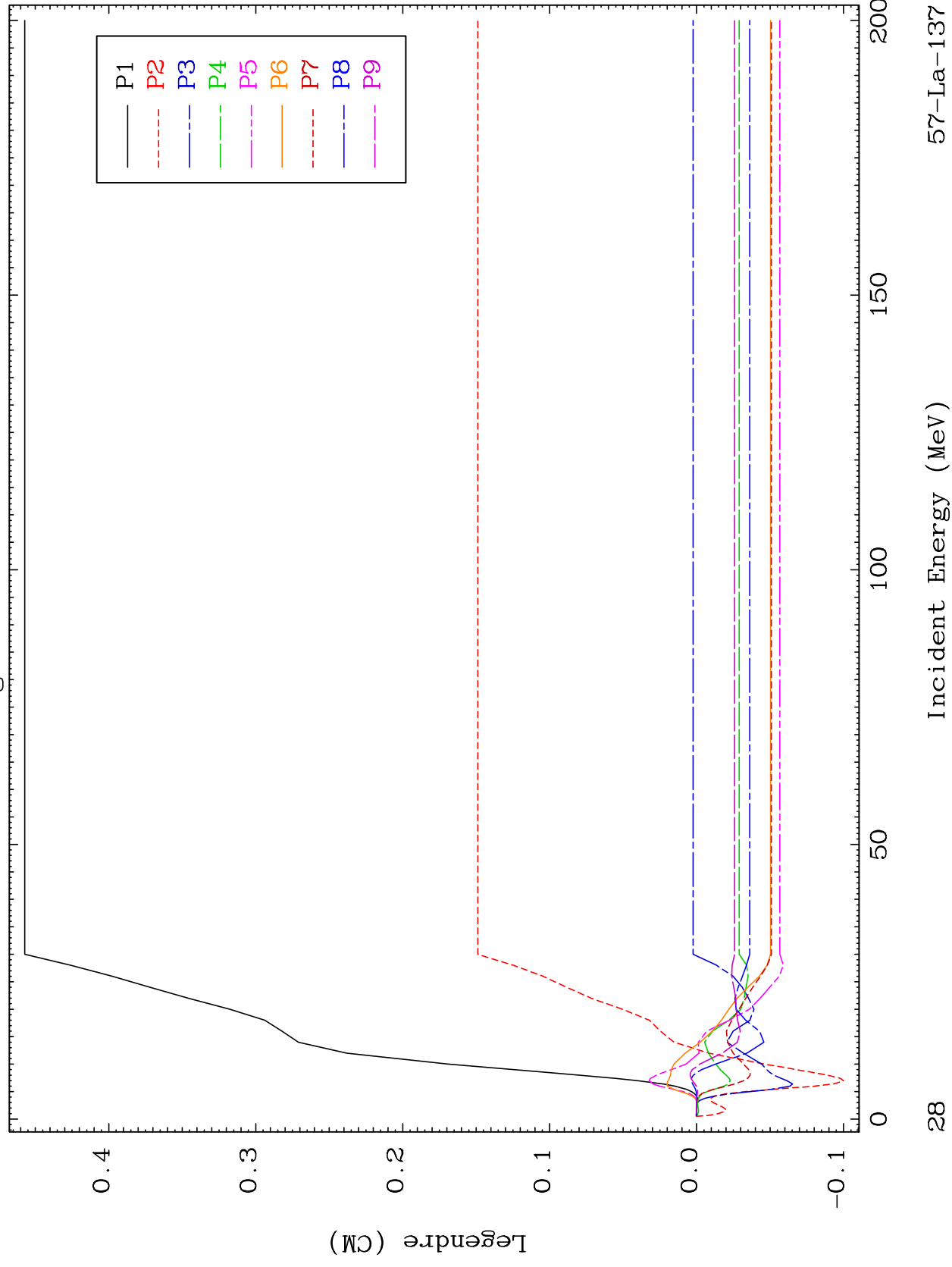




MAT 5722

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

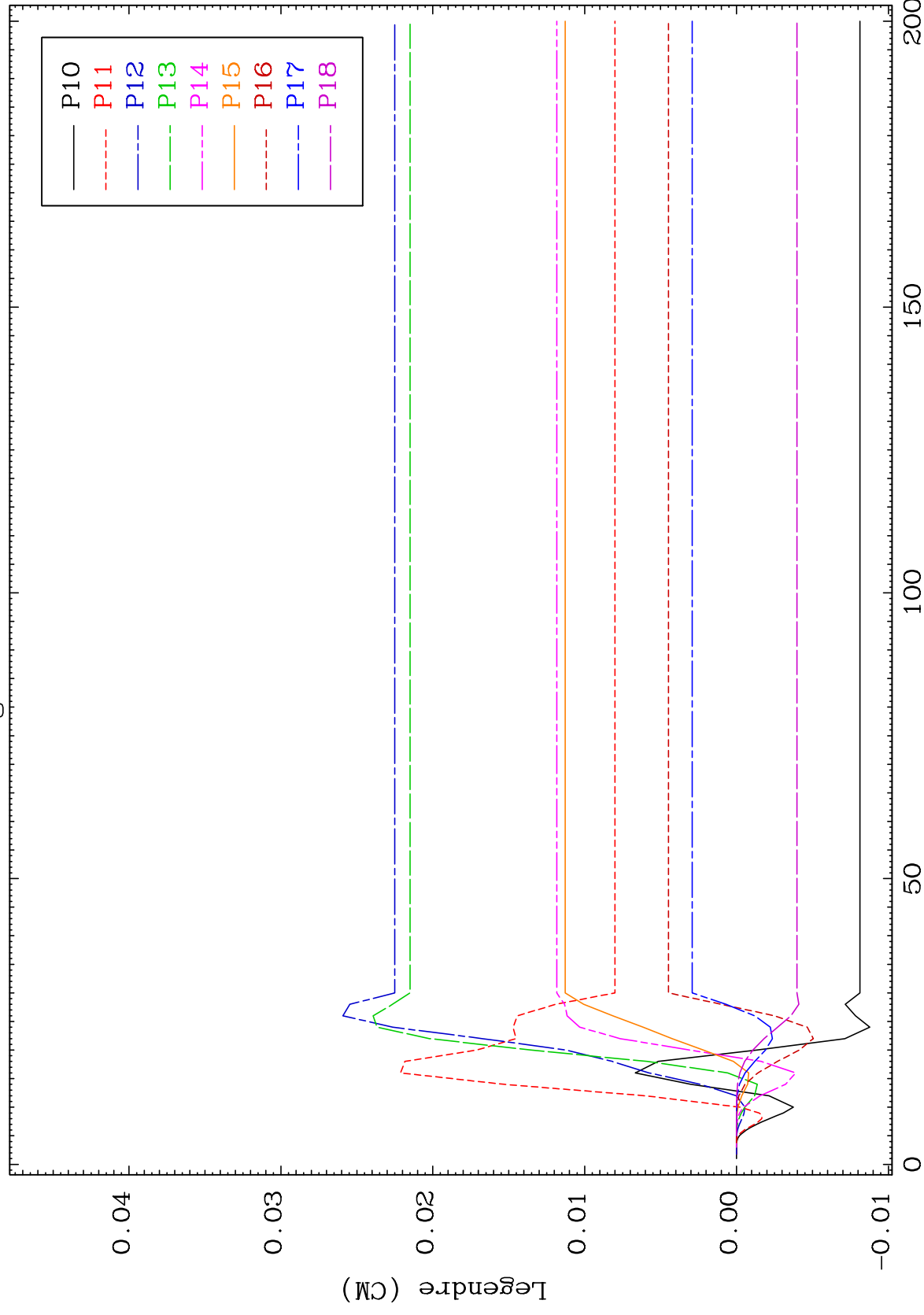
57-La-137



MAT 5722

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

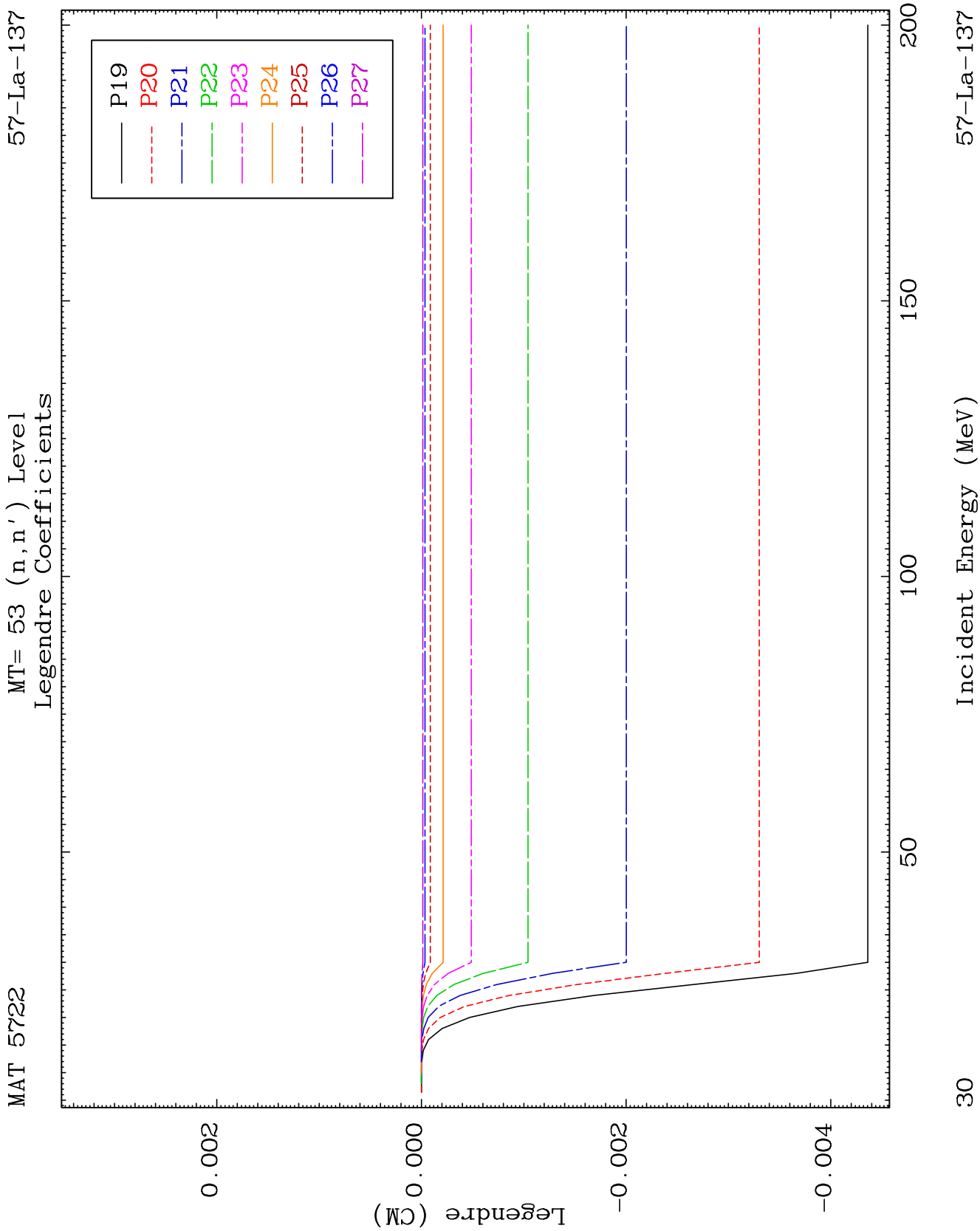
57-La-137

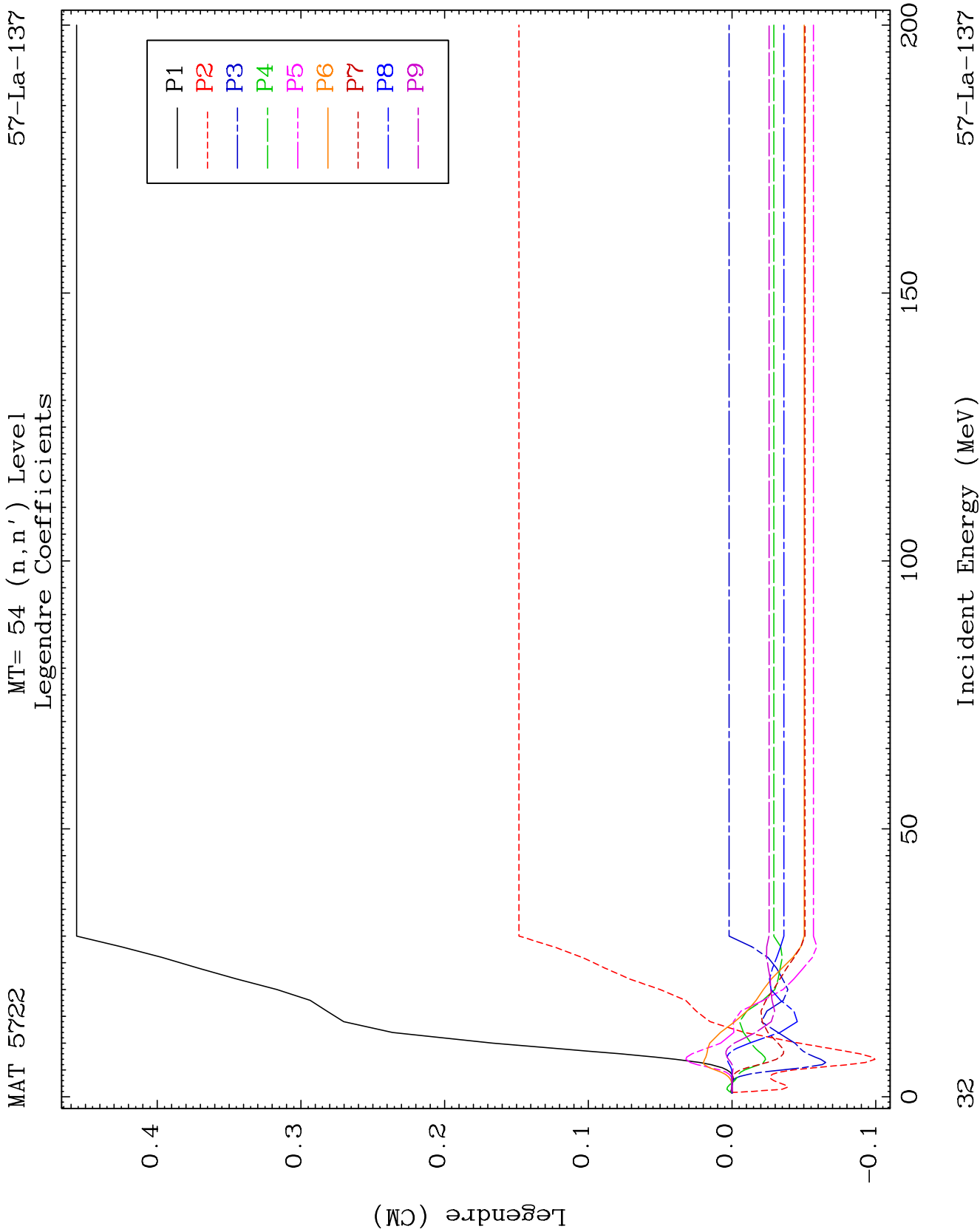


29

Incident Energy (MeV)

57-La-137

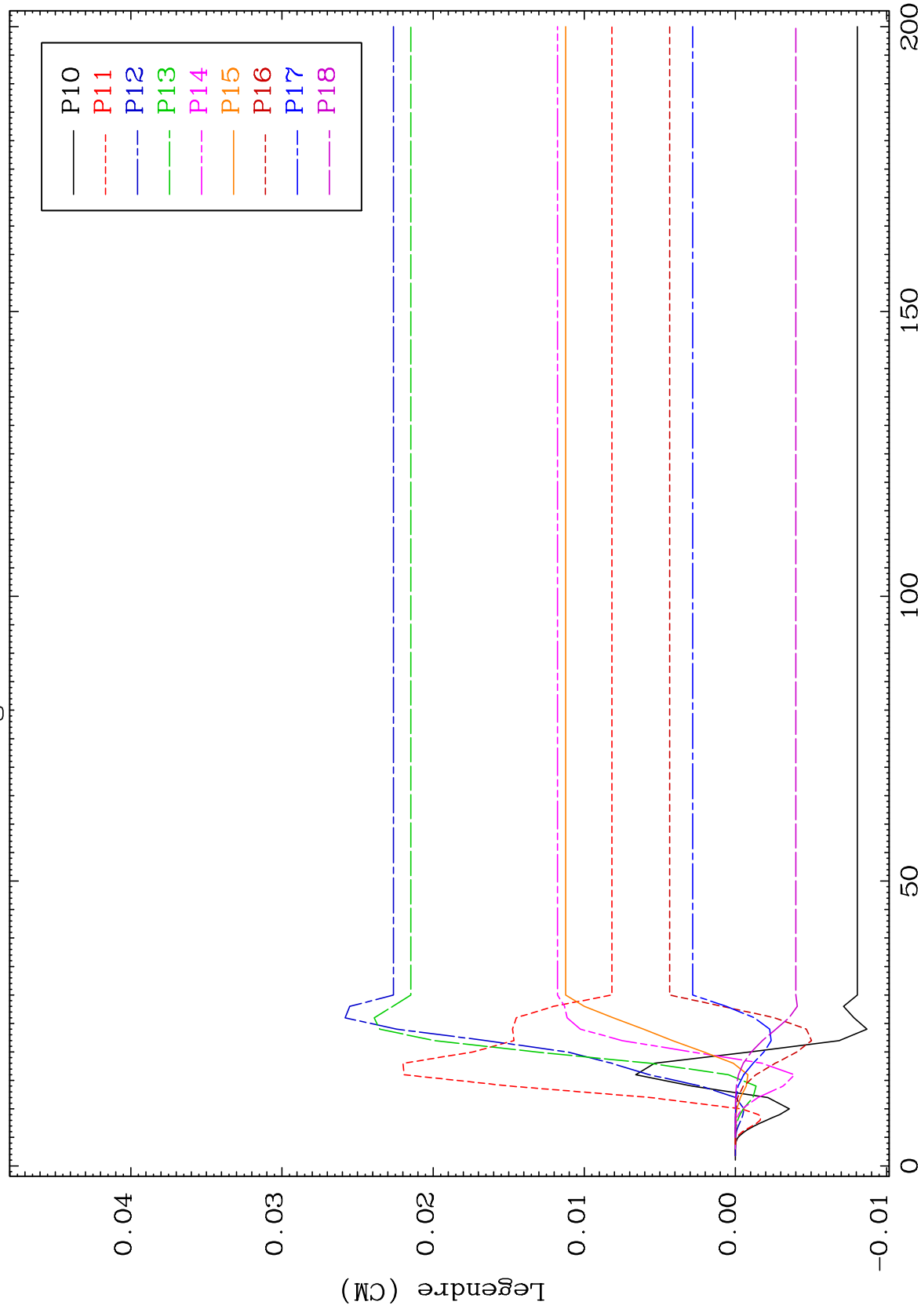




MAT 5722

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

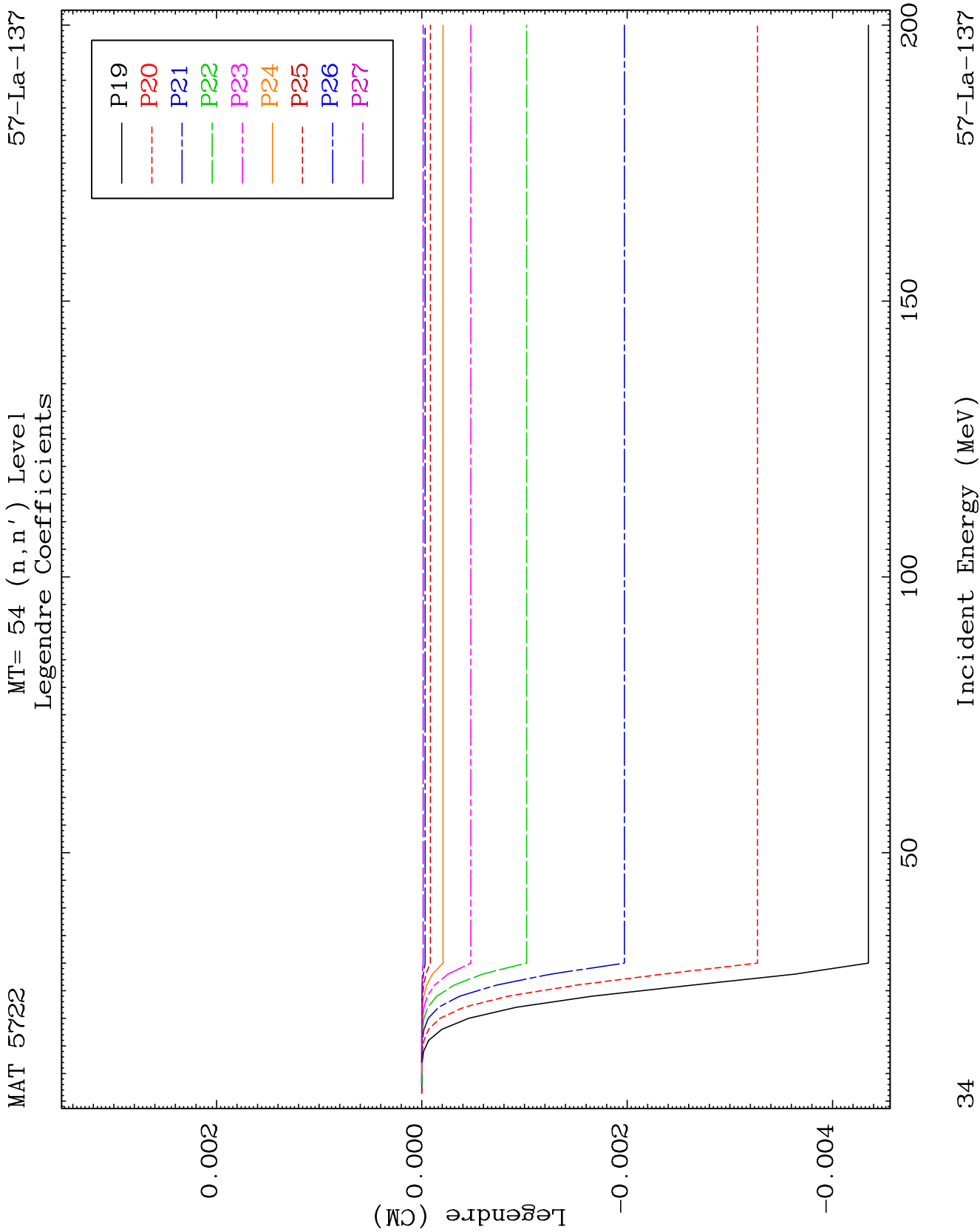
57-La-137

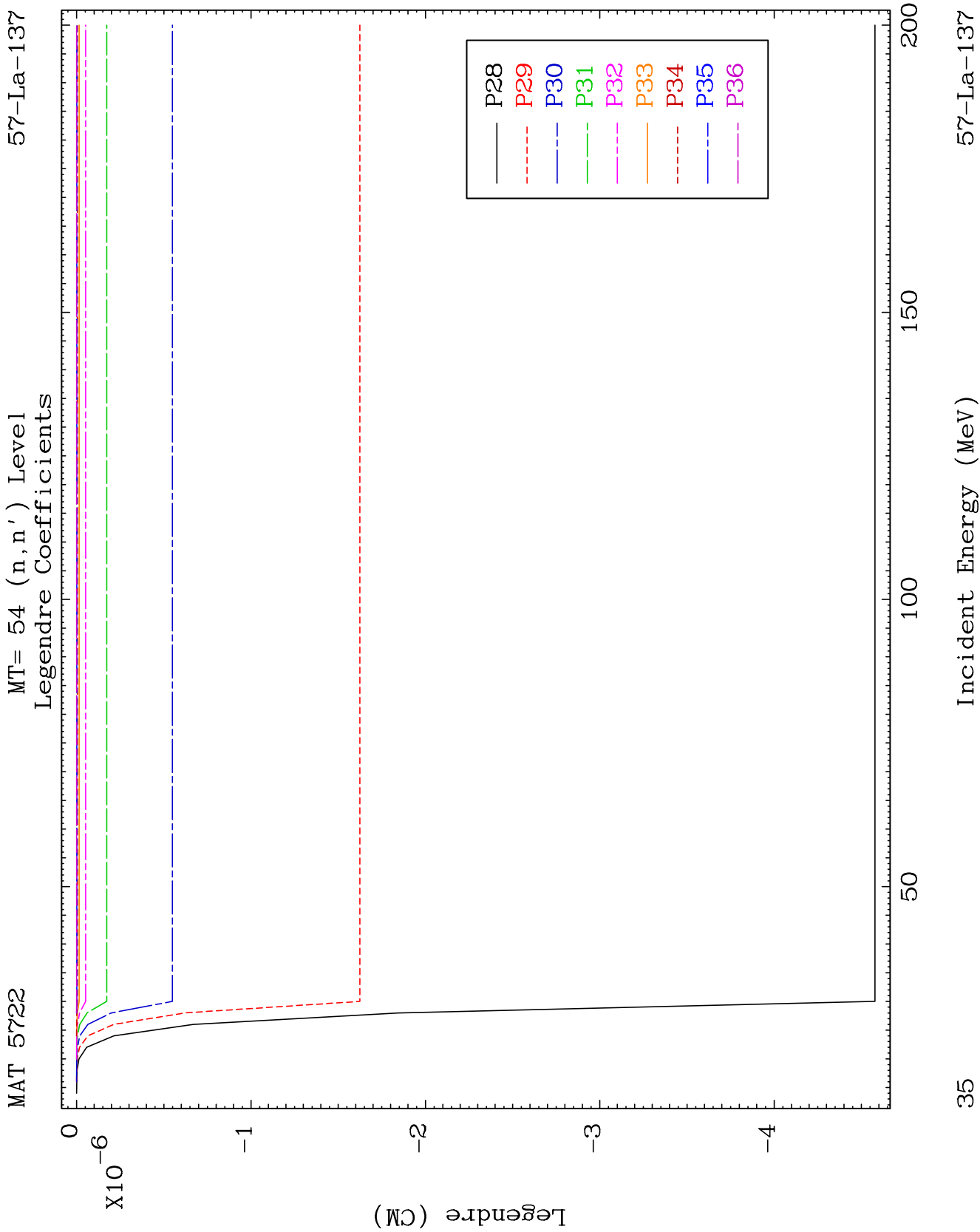


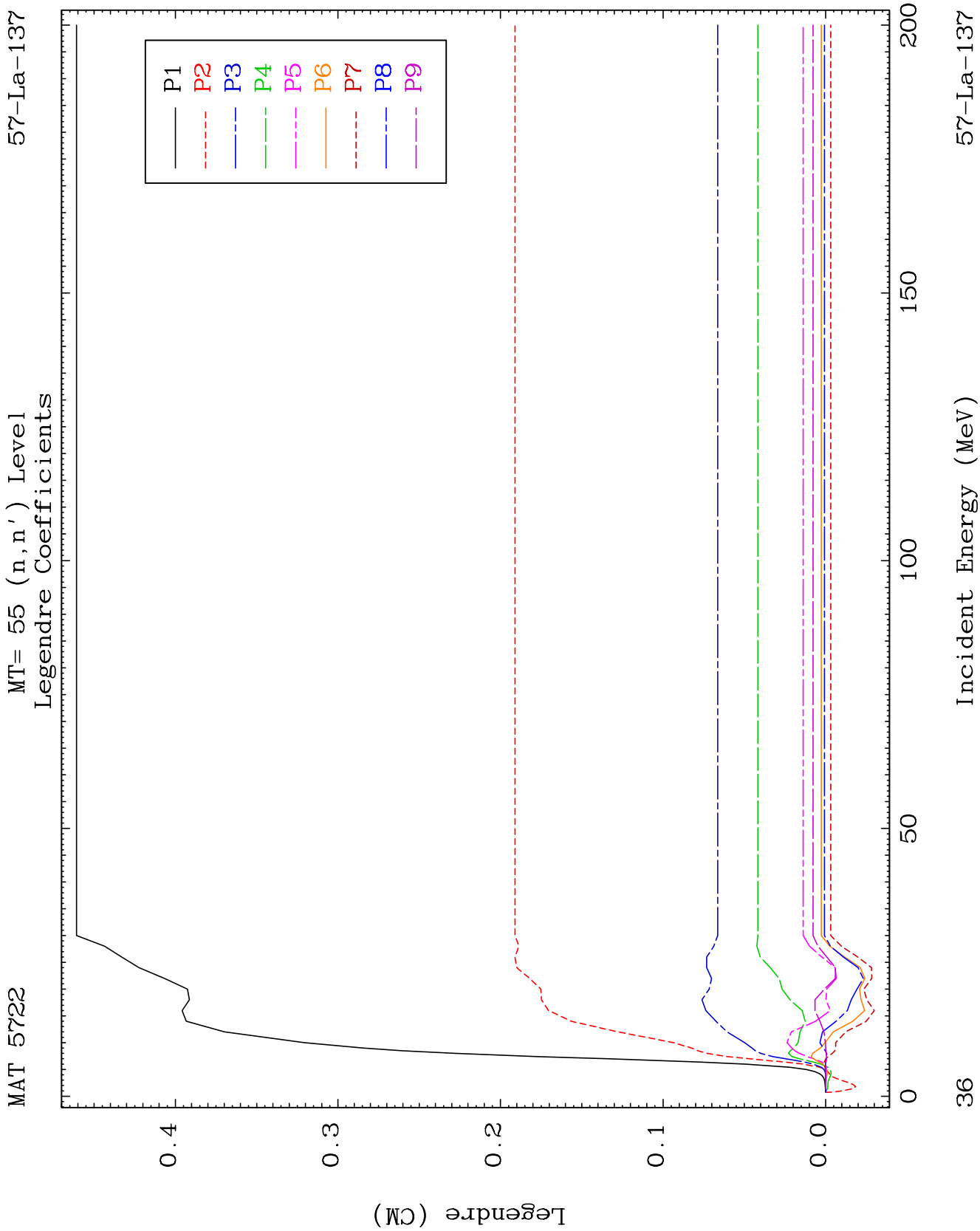
33

Incident Energy (MeV)

57-La-137



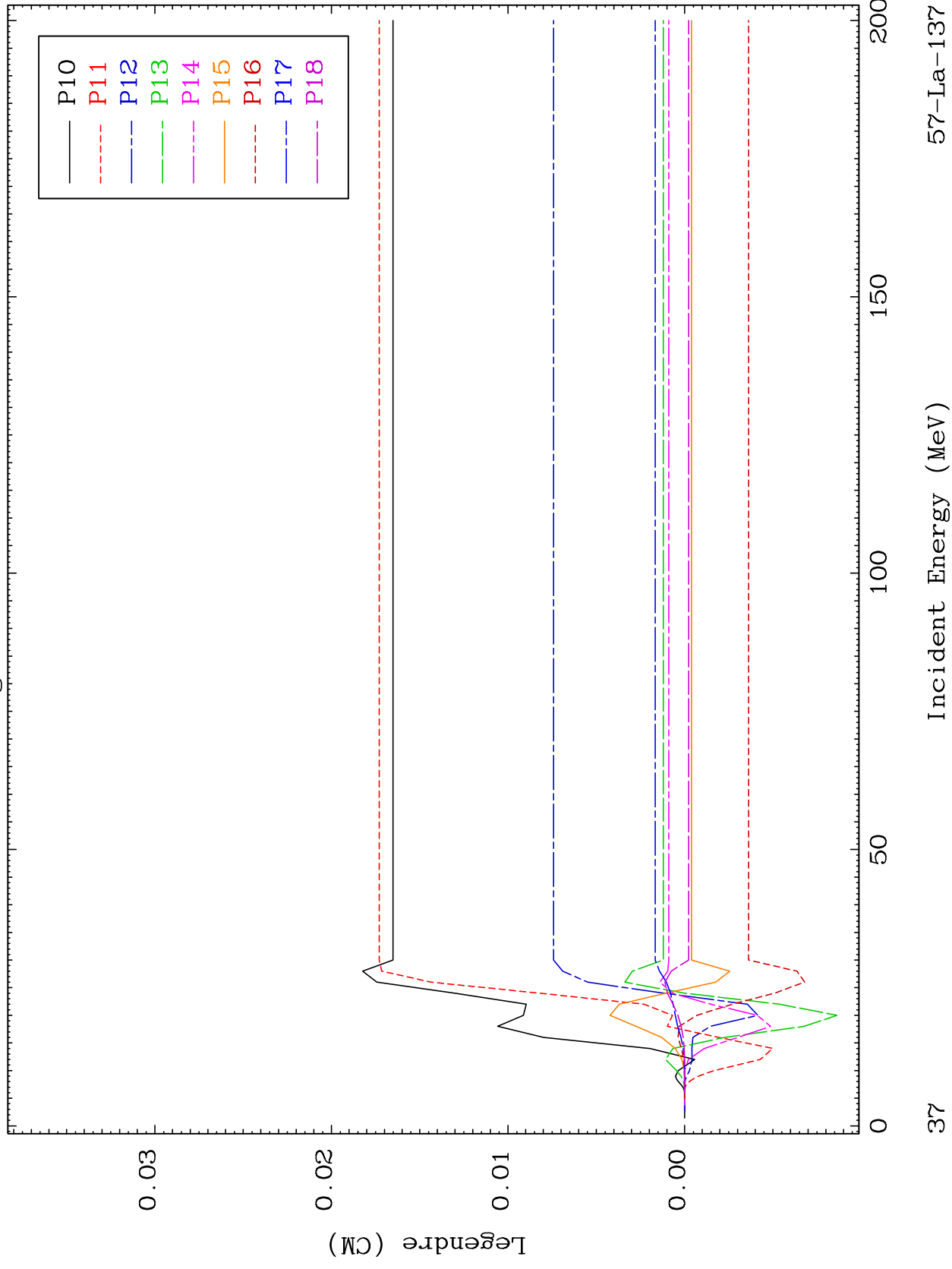


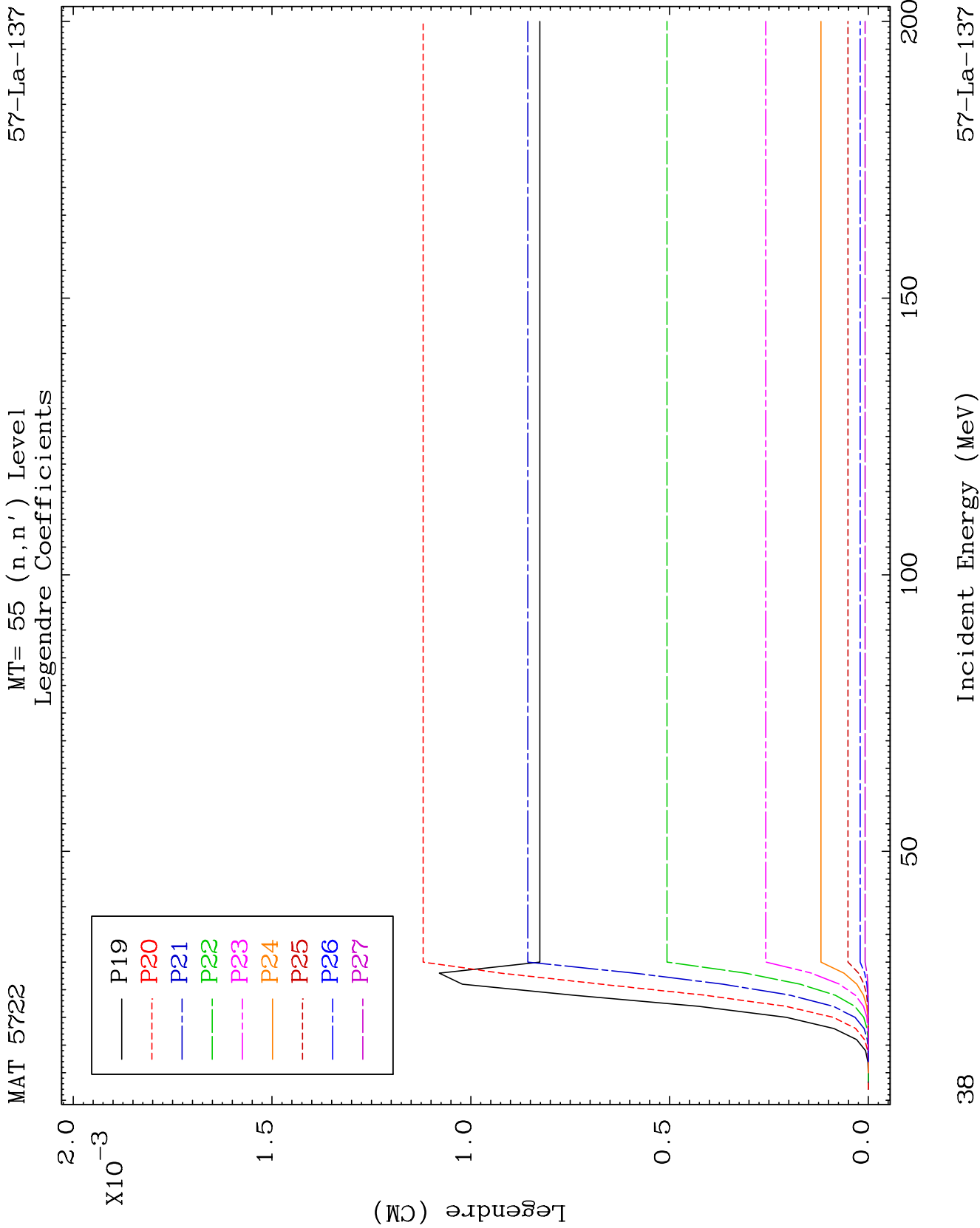


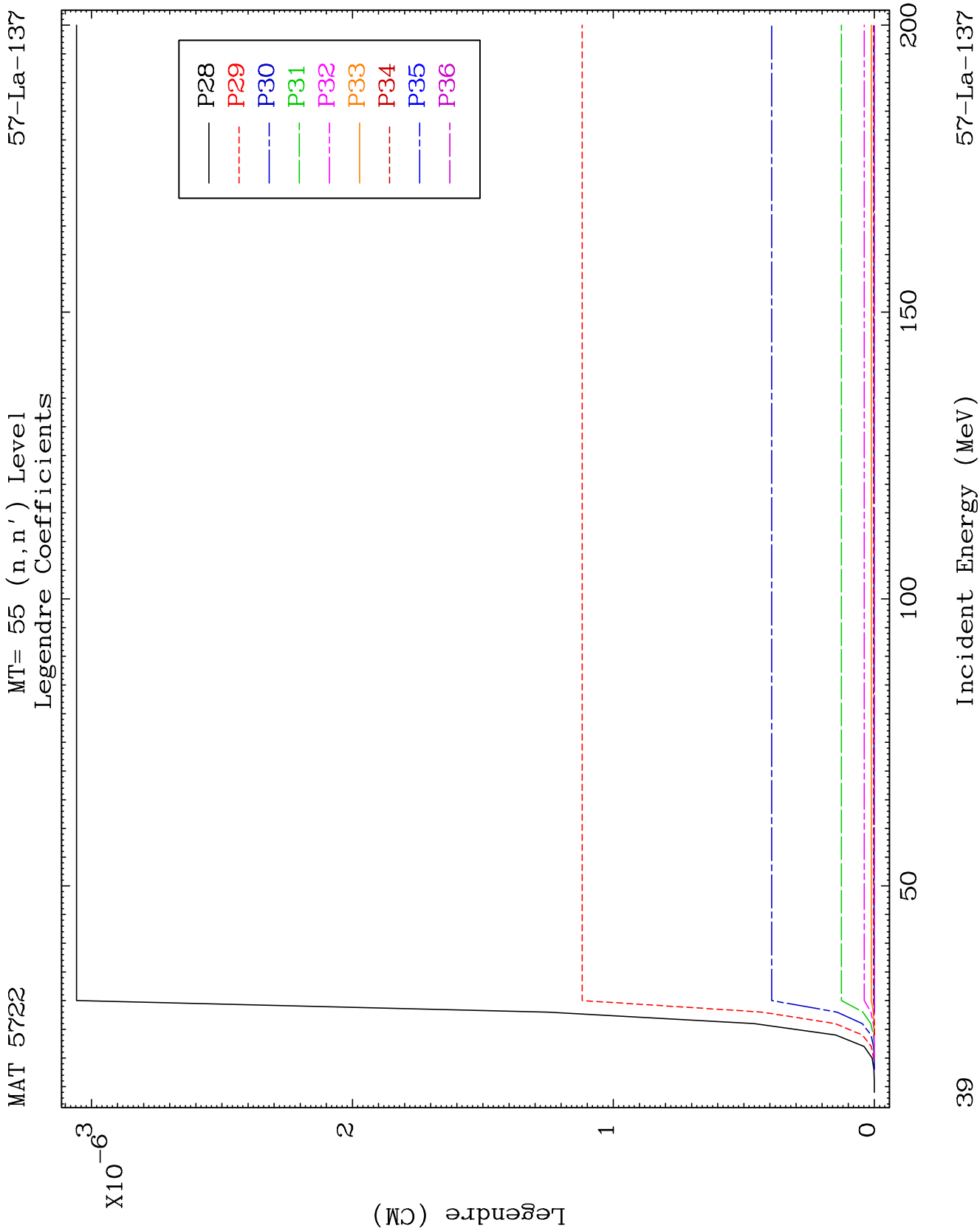
MAT 5722

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

57-La-137



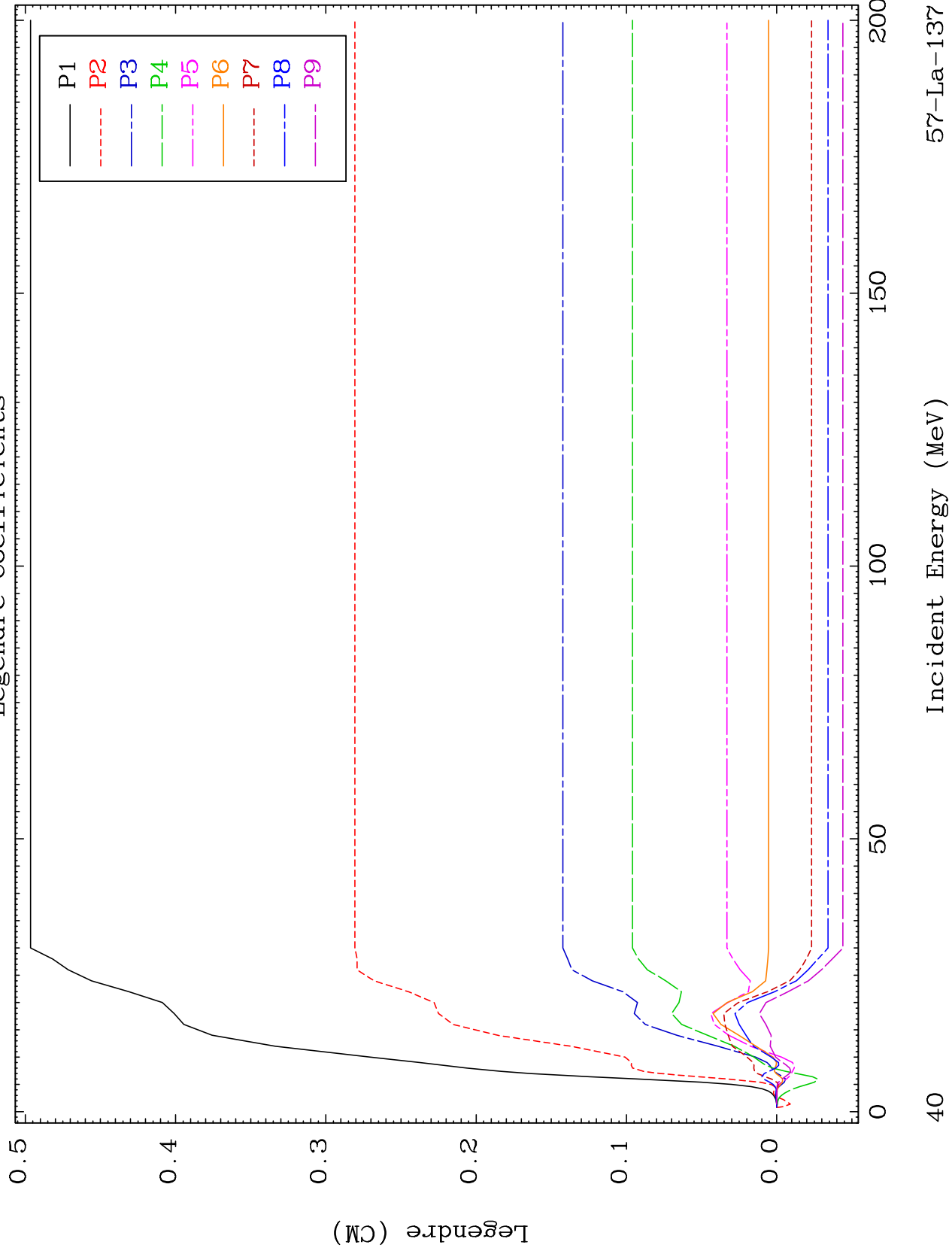




MAT 5722

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

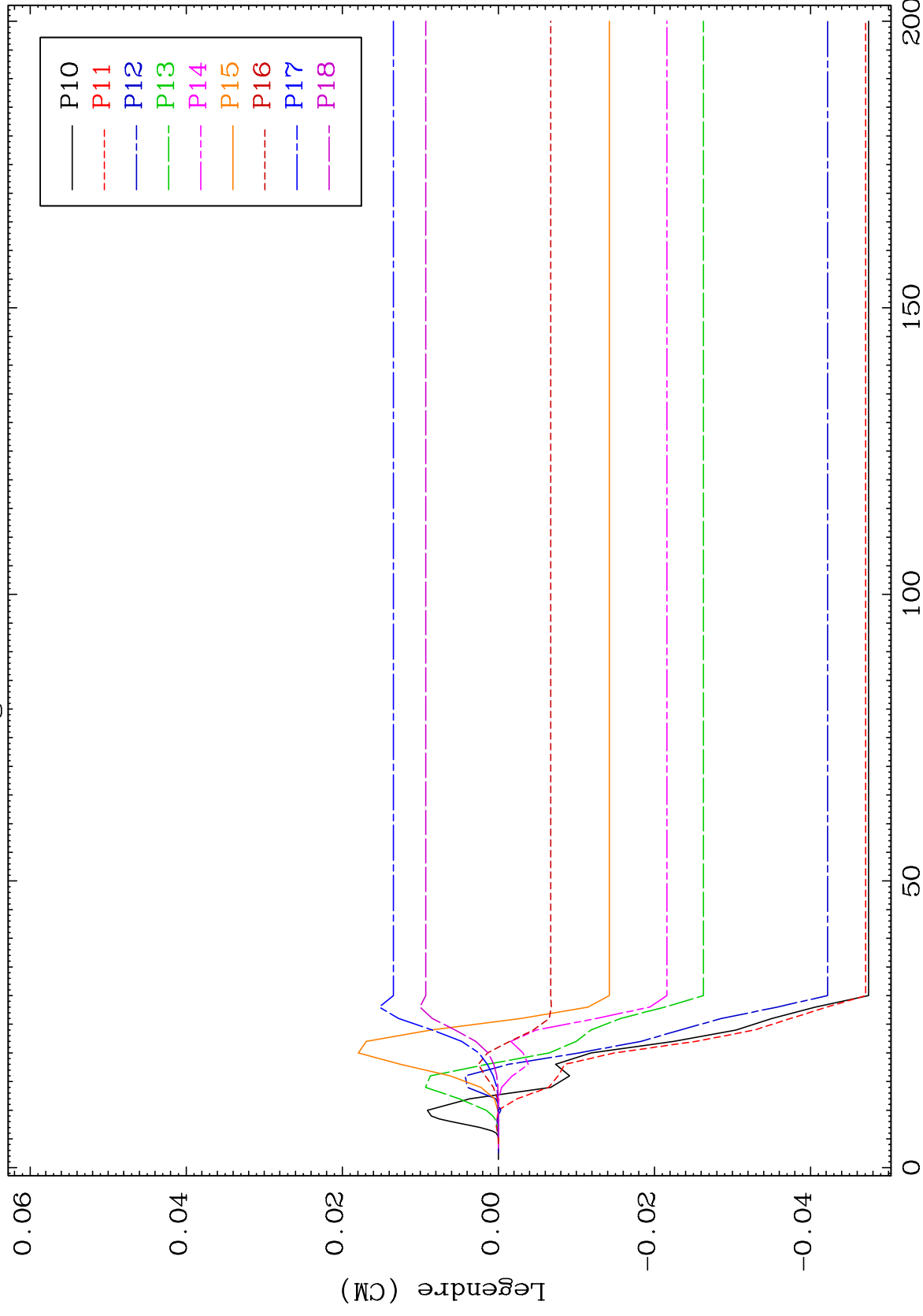
57-La-137



MAT 5722

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

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41

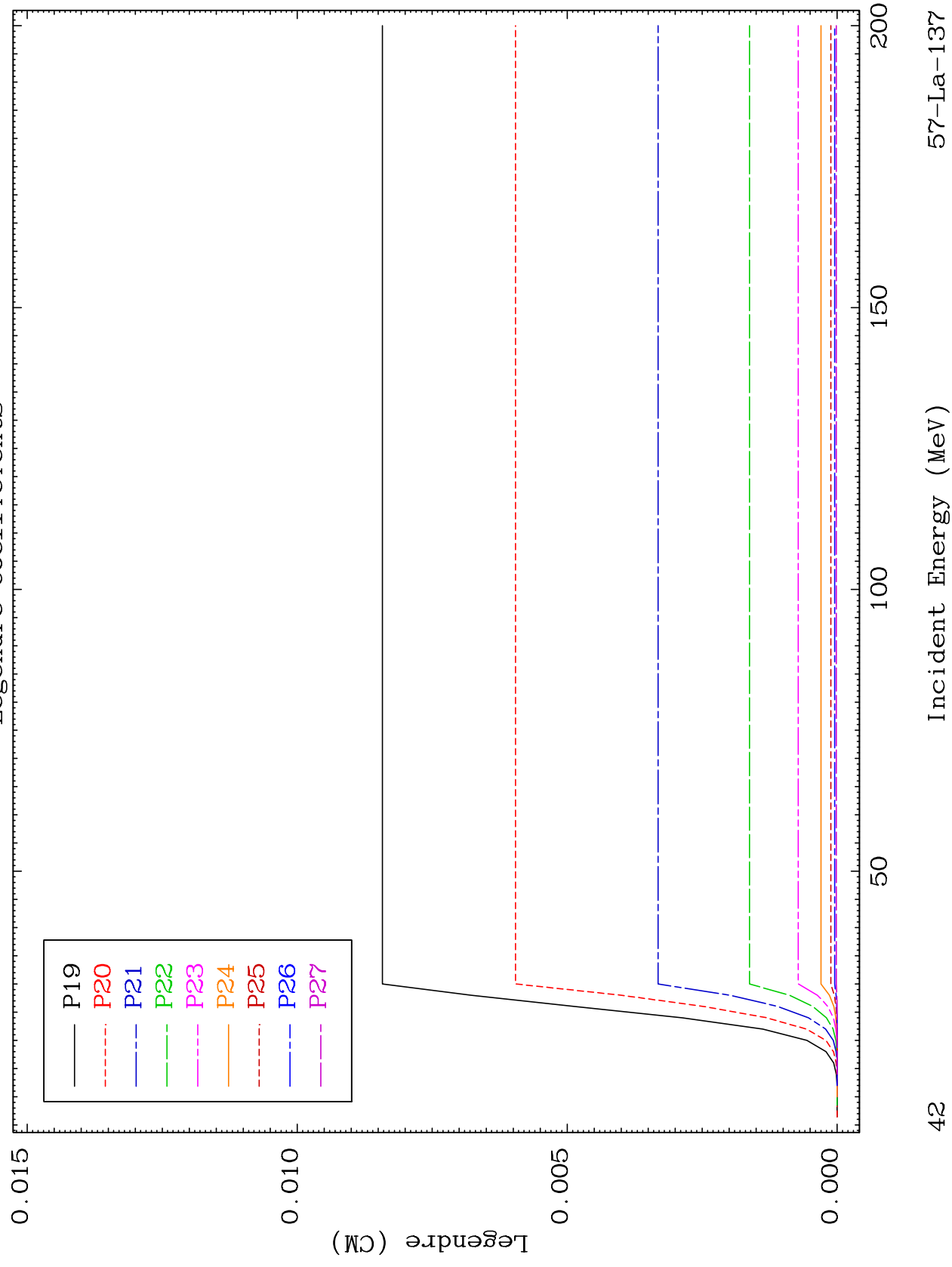
Incident Energy (MeV)

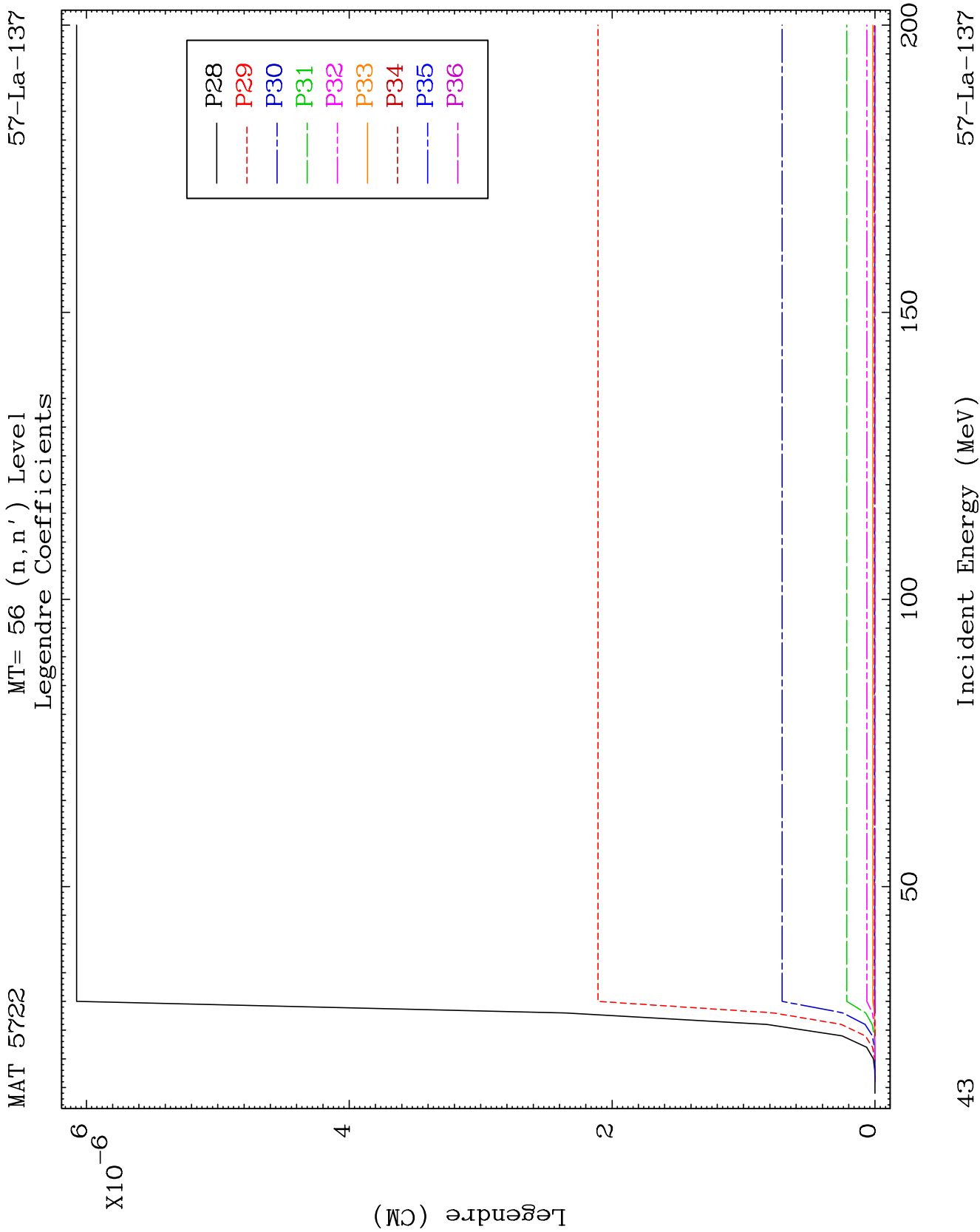
57-La-137

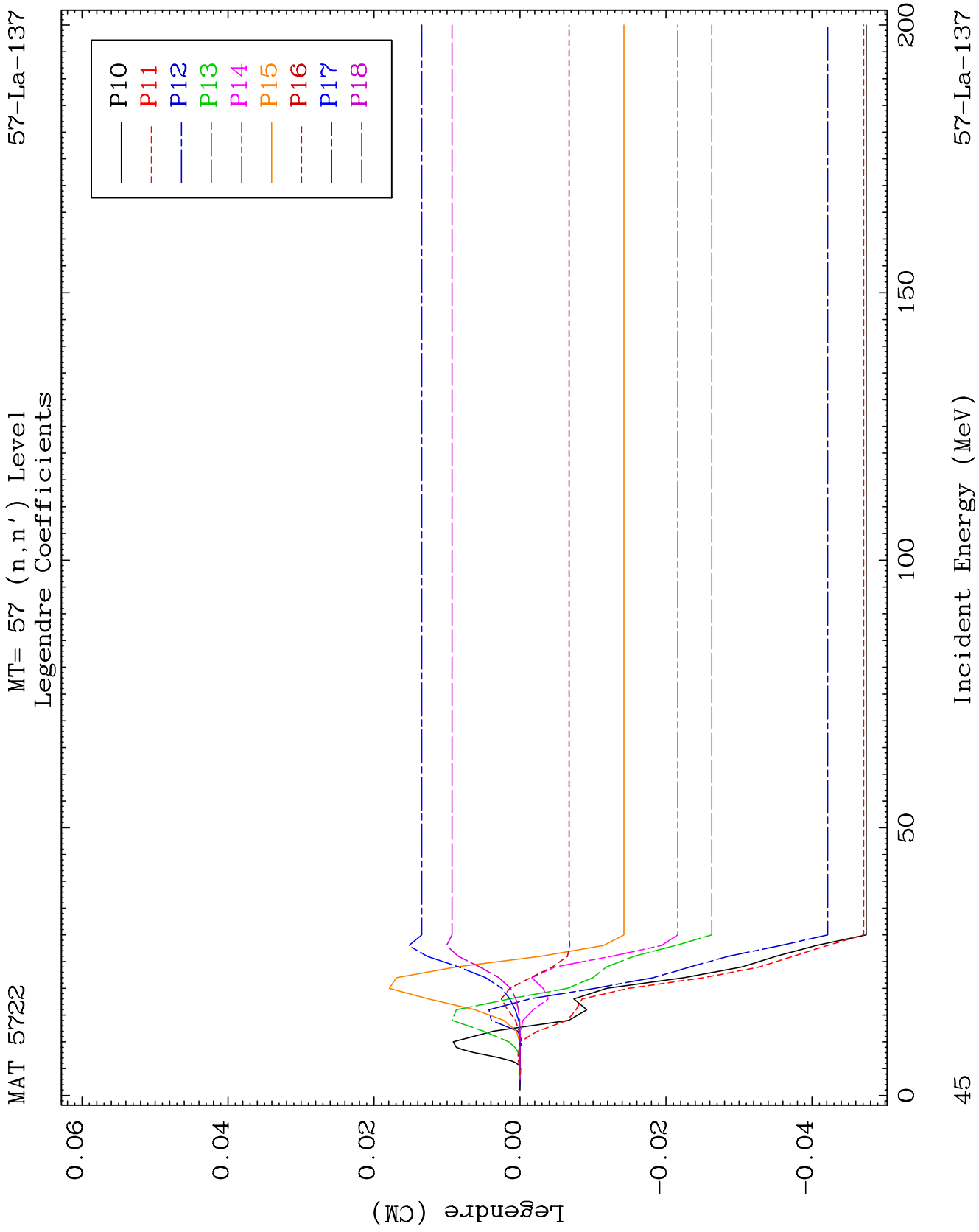
MAT 5722

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

57-La-137



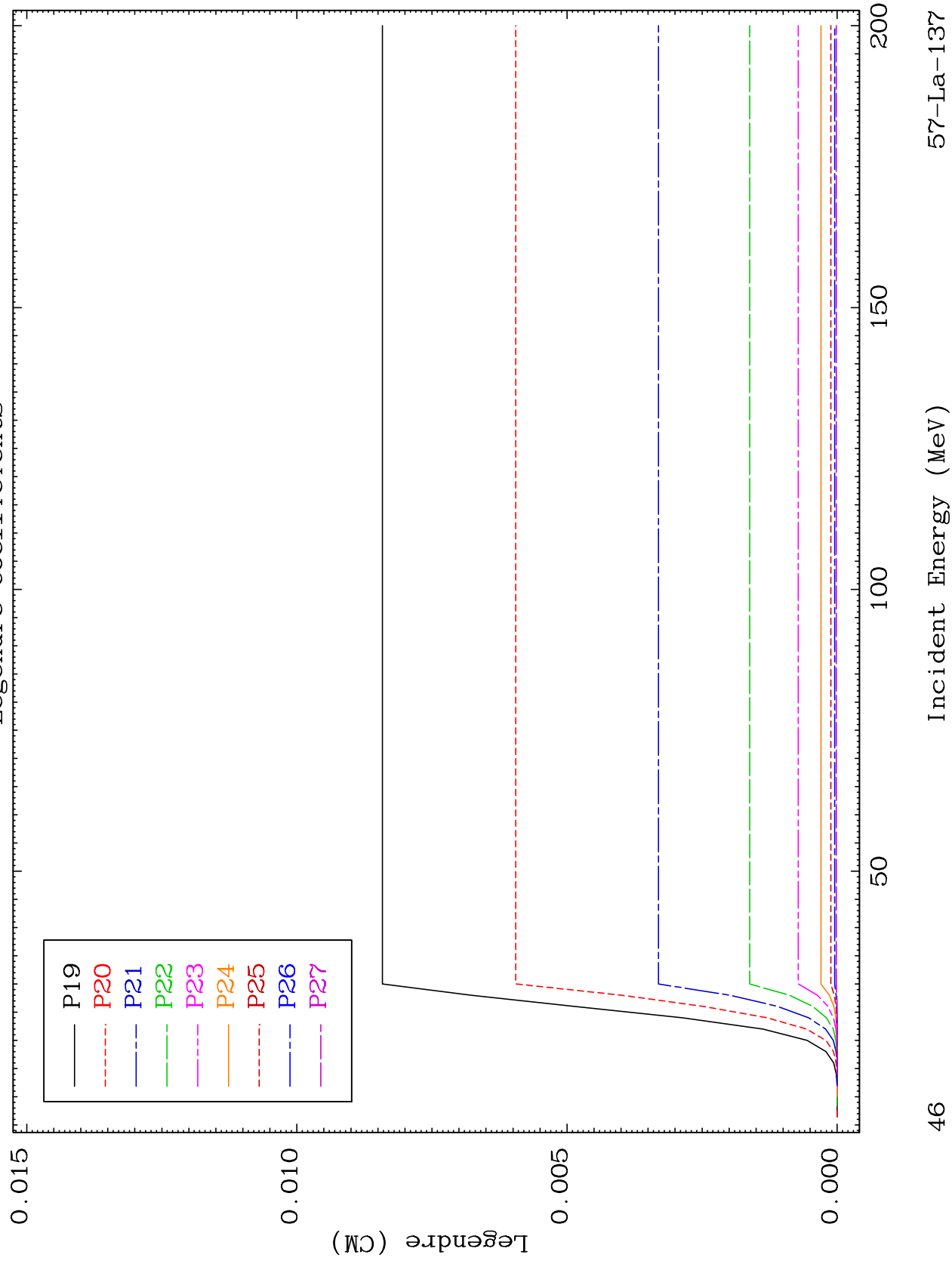


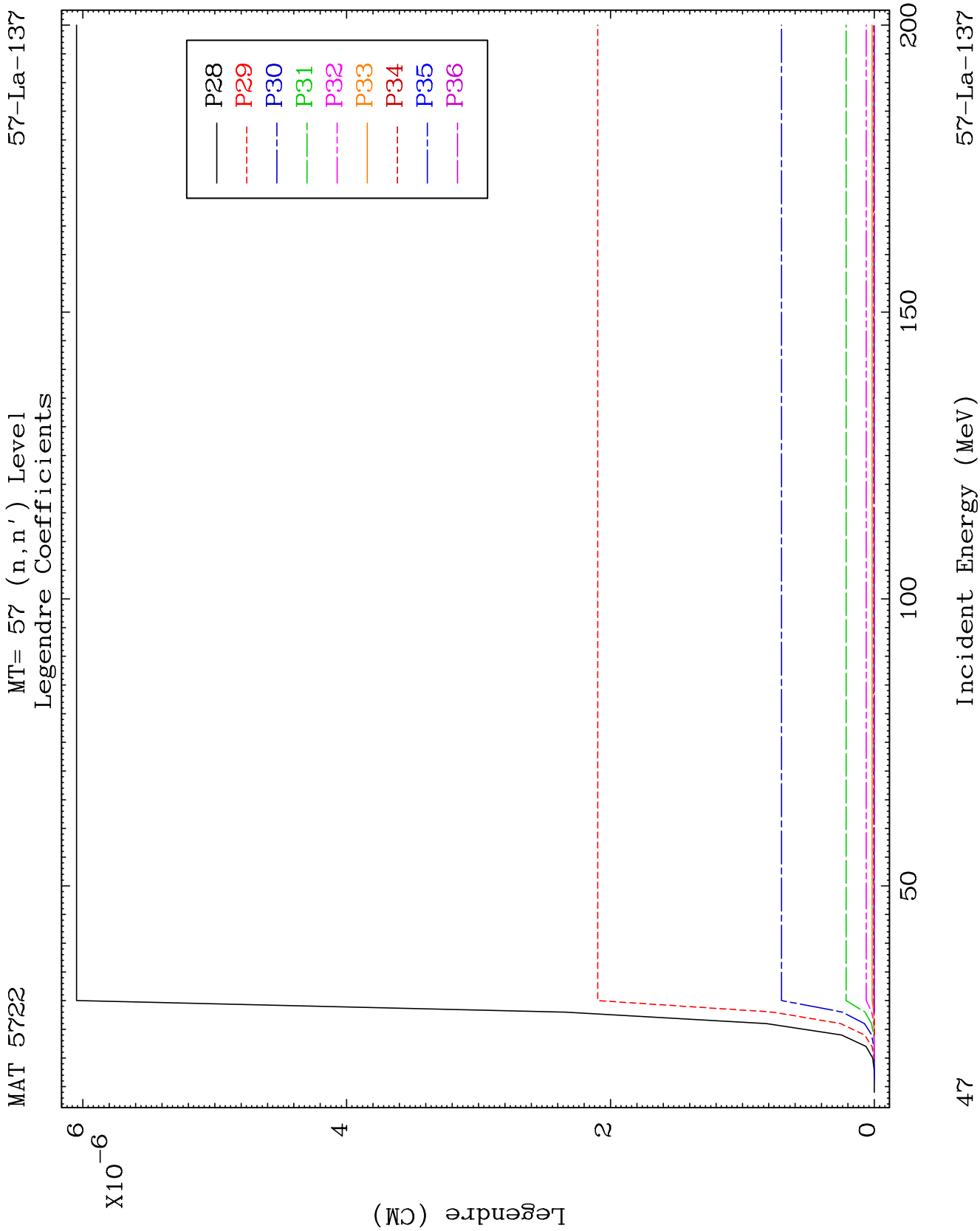


MAT 5722

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

57-La-137

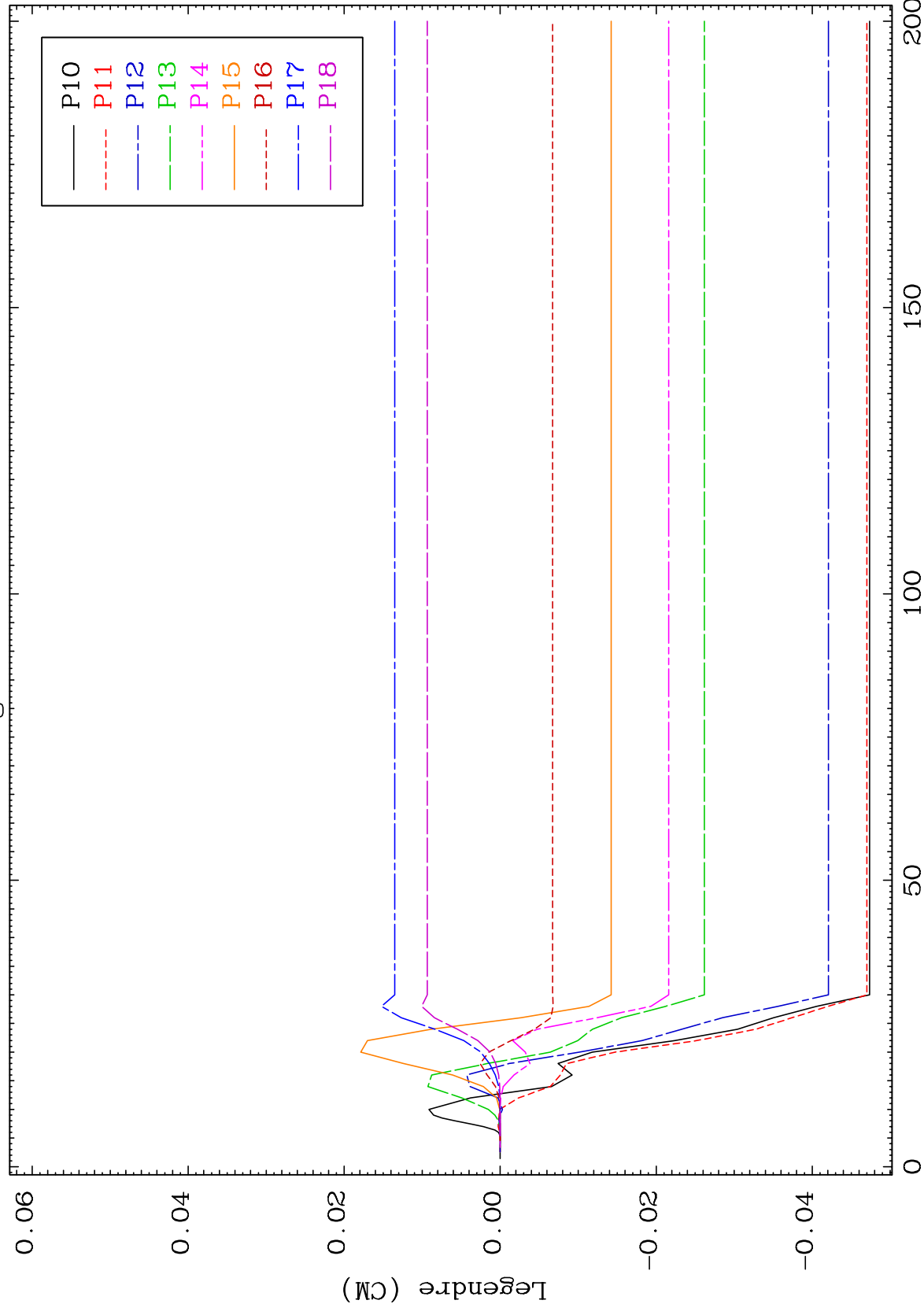




MAT 5722

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

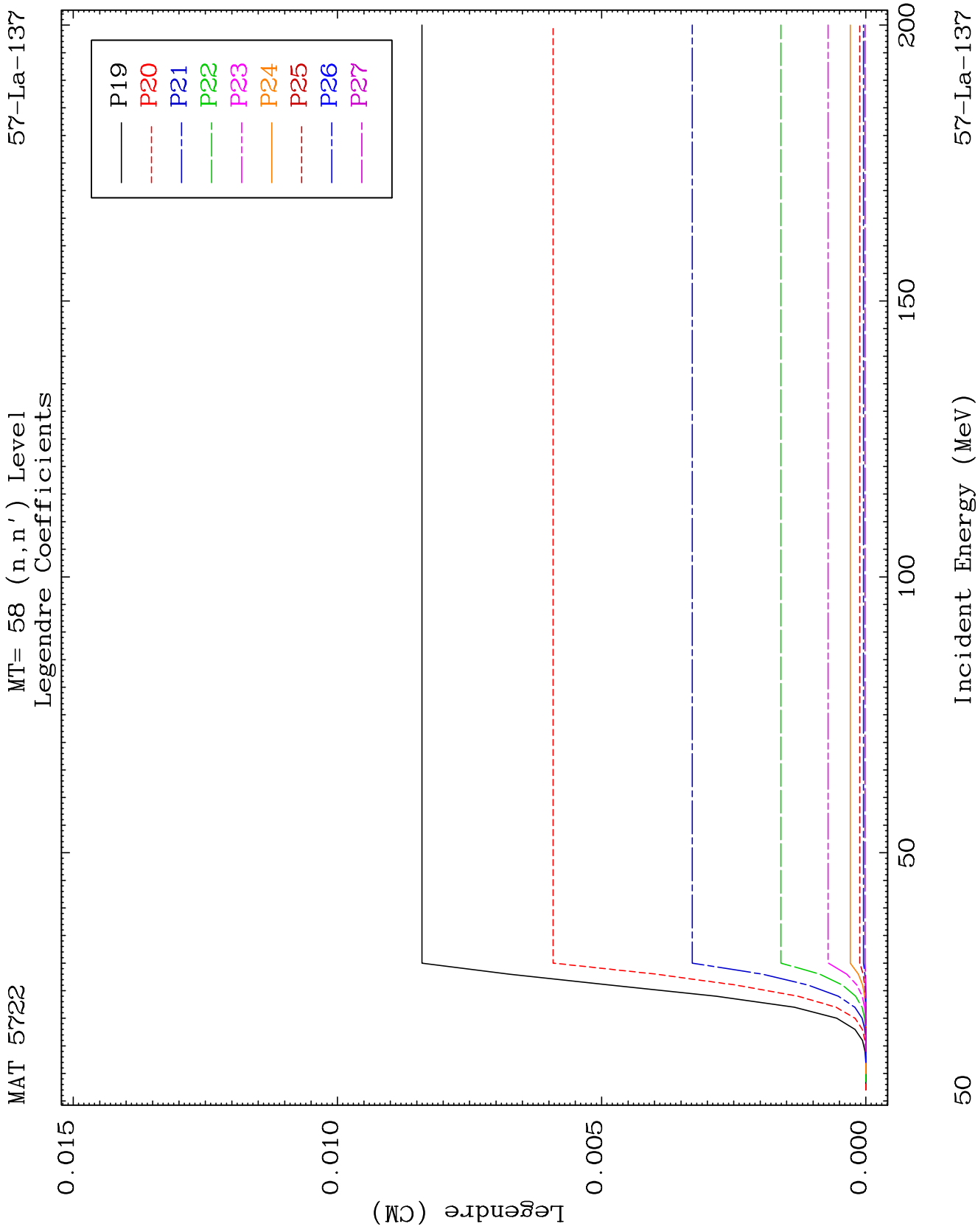
57-La-137

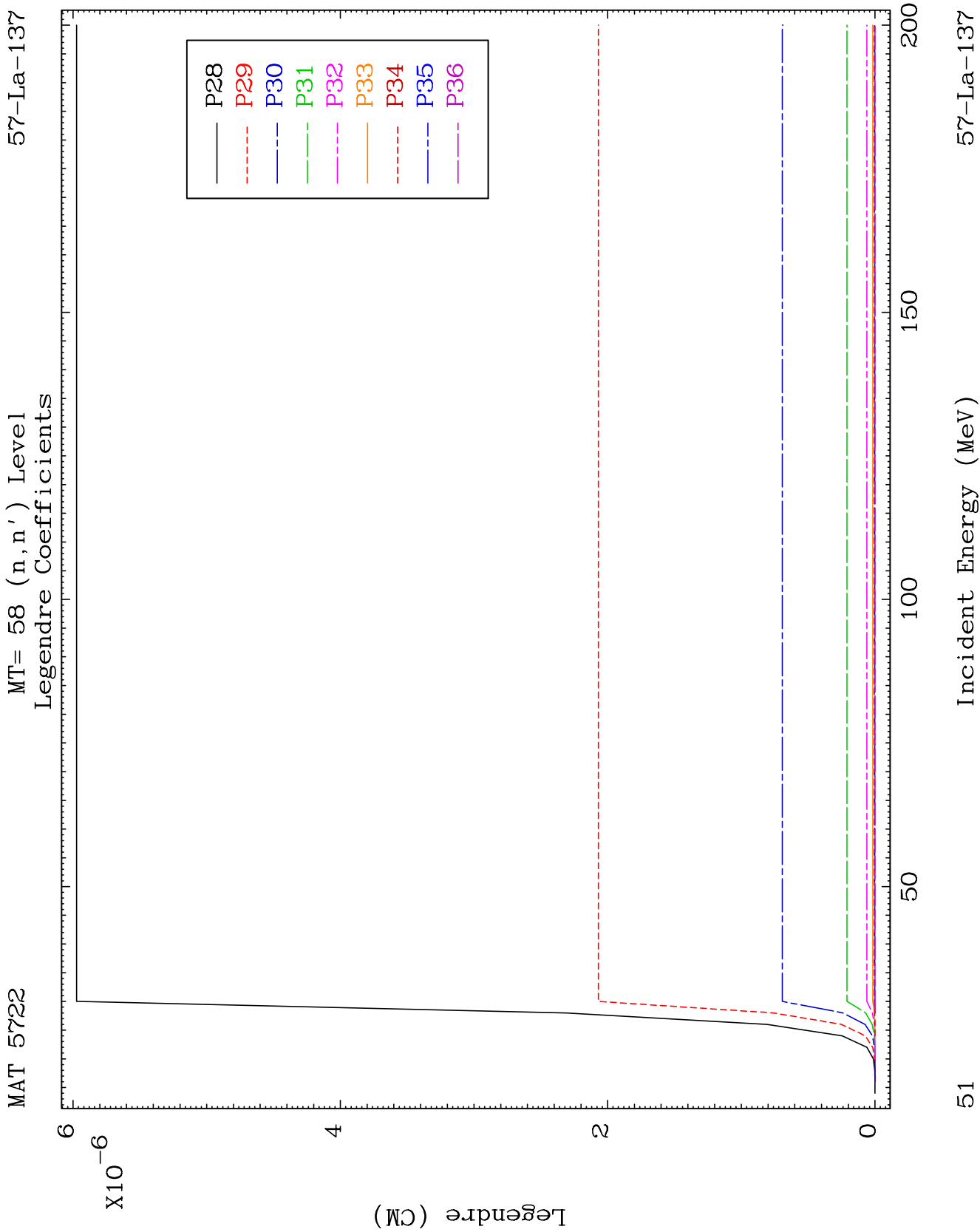


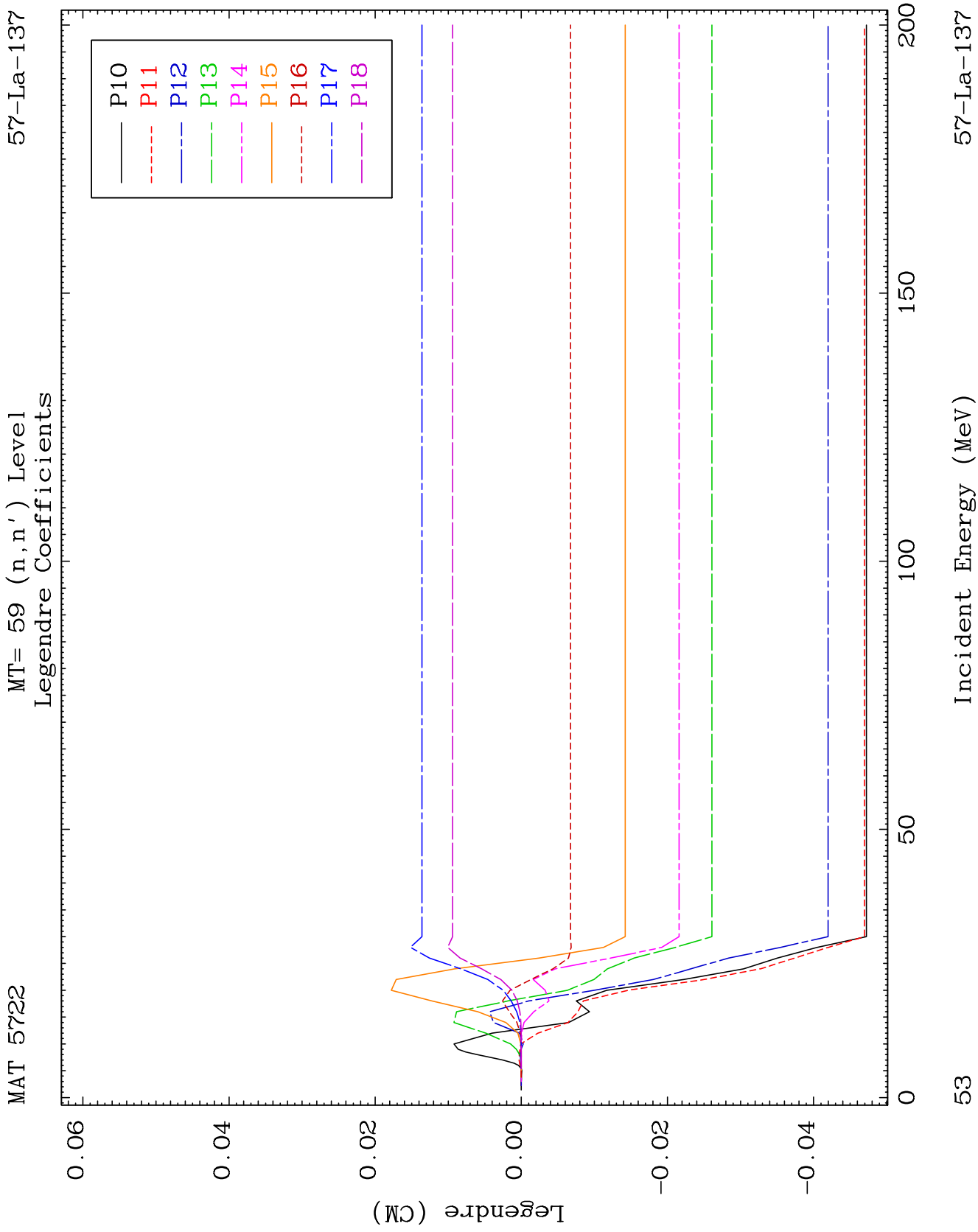
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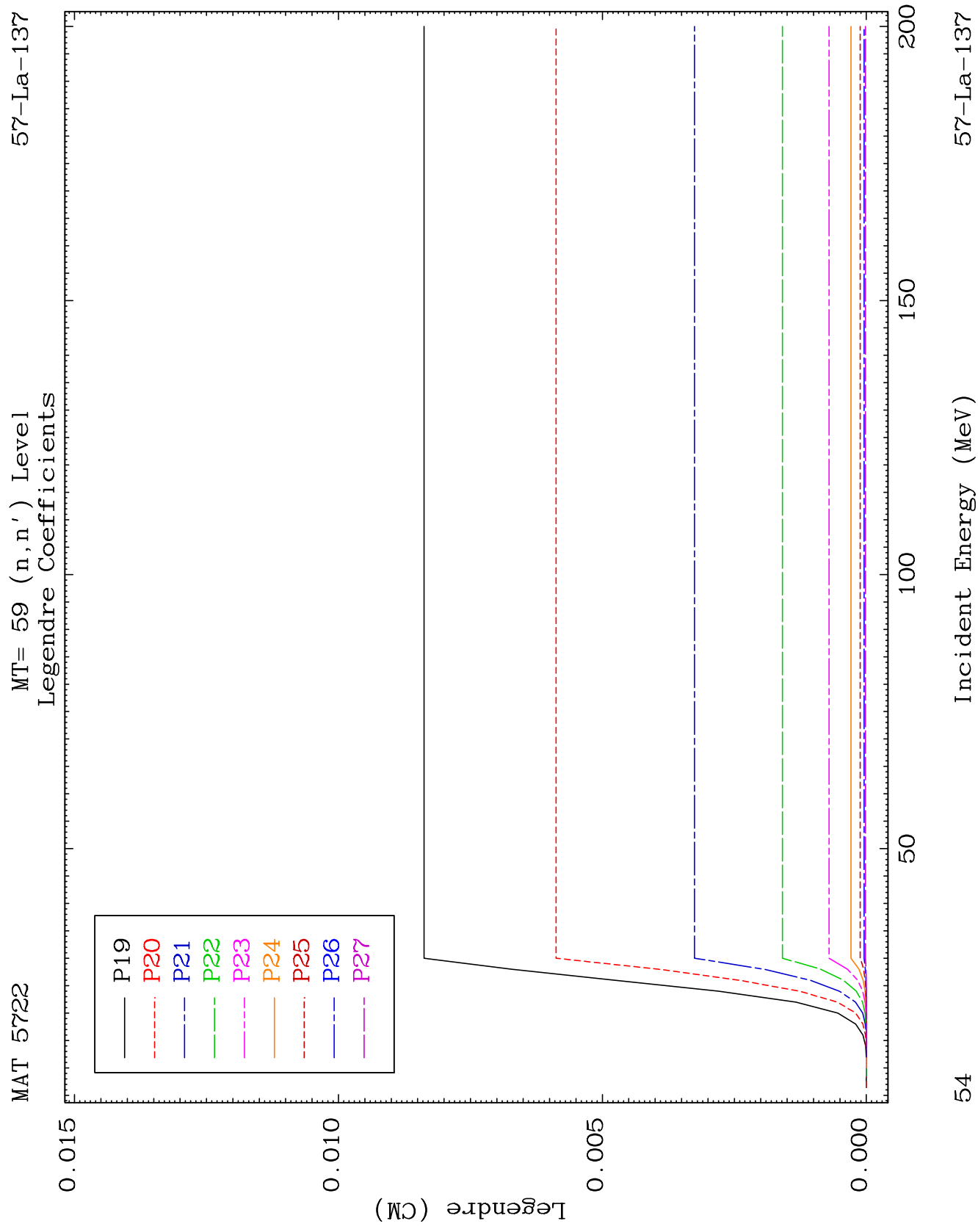
Incident Energy (MeV)

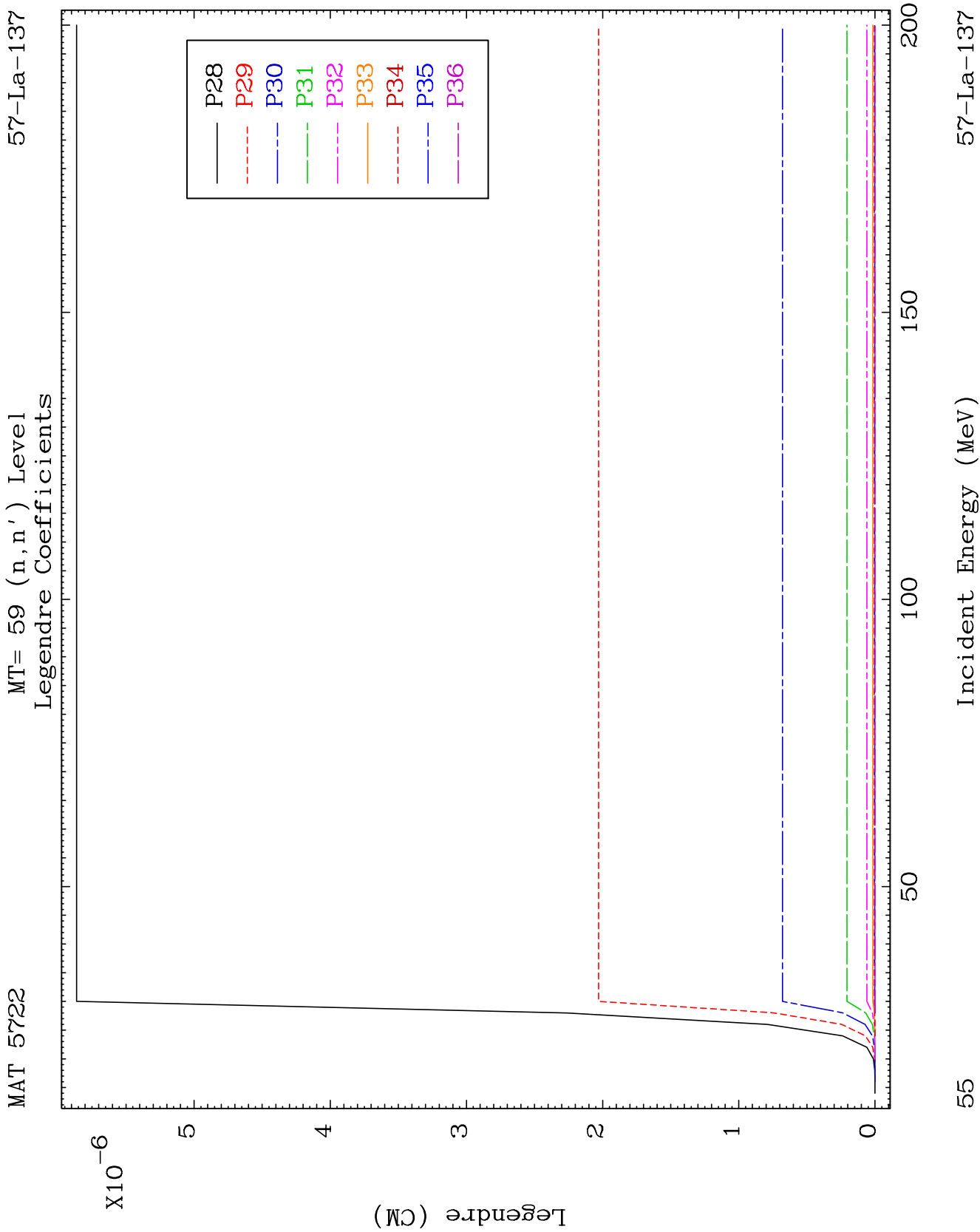
57-La-137

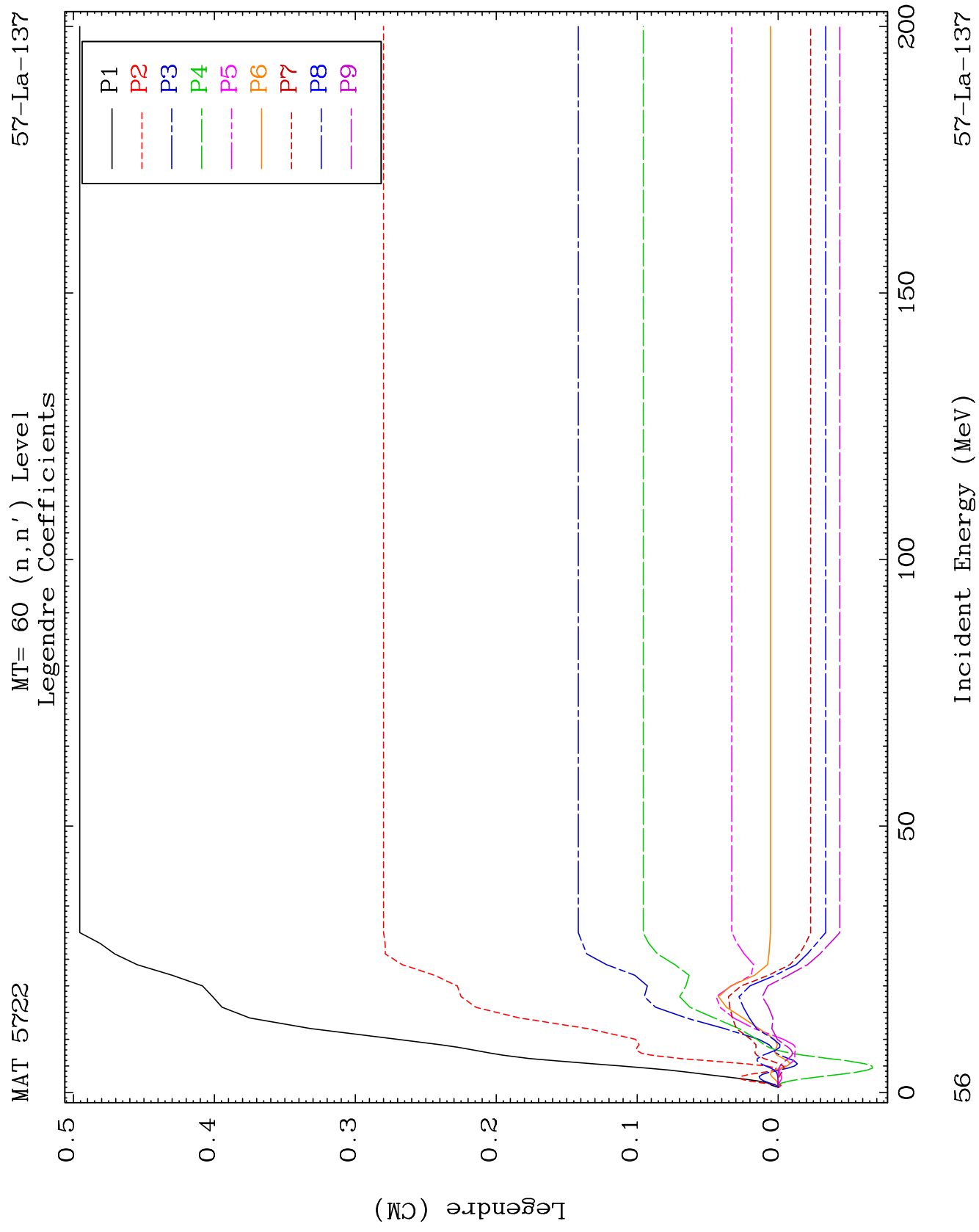


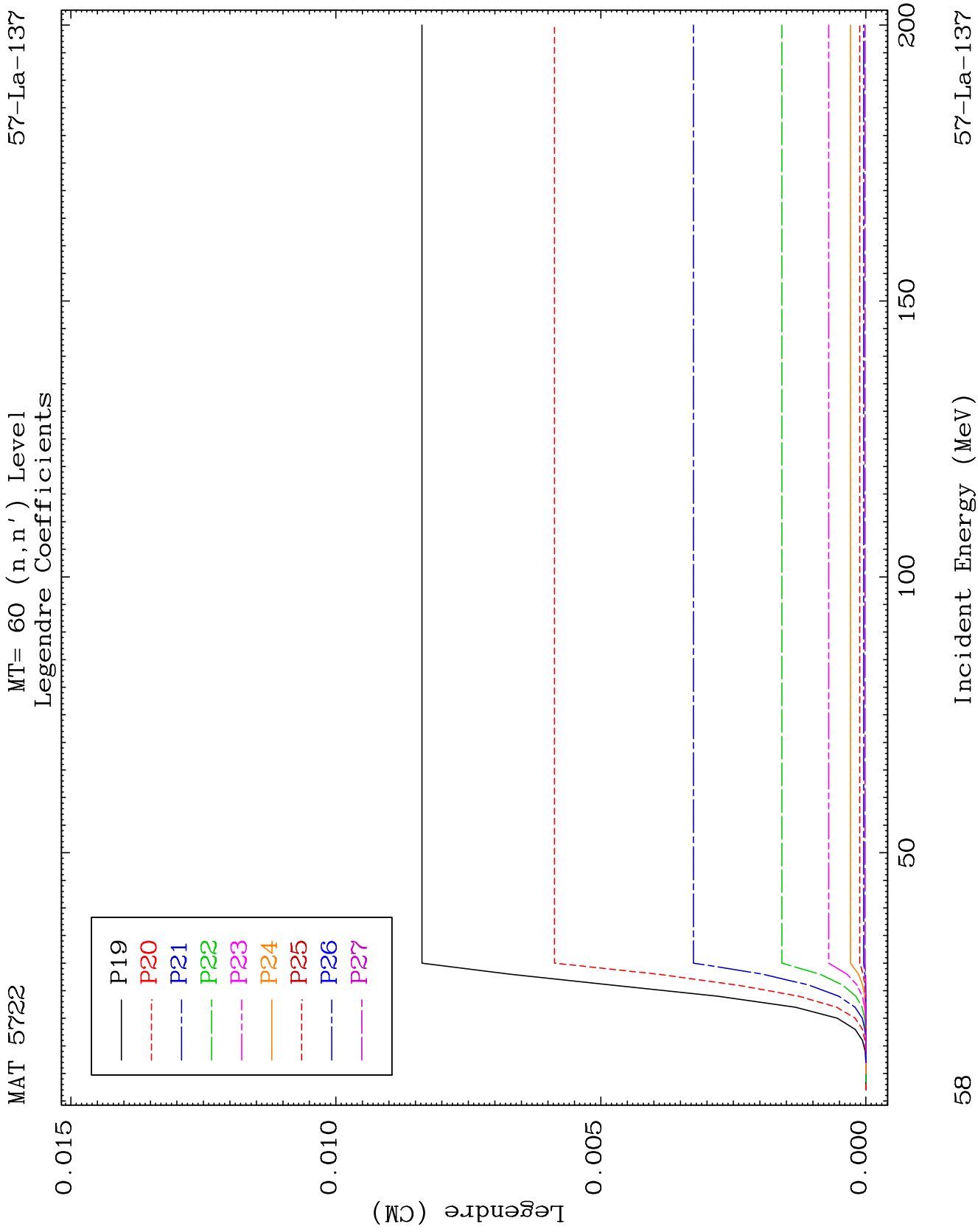


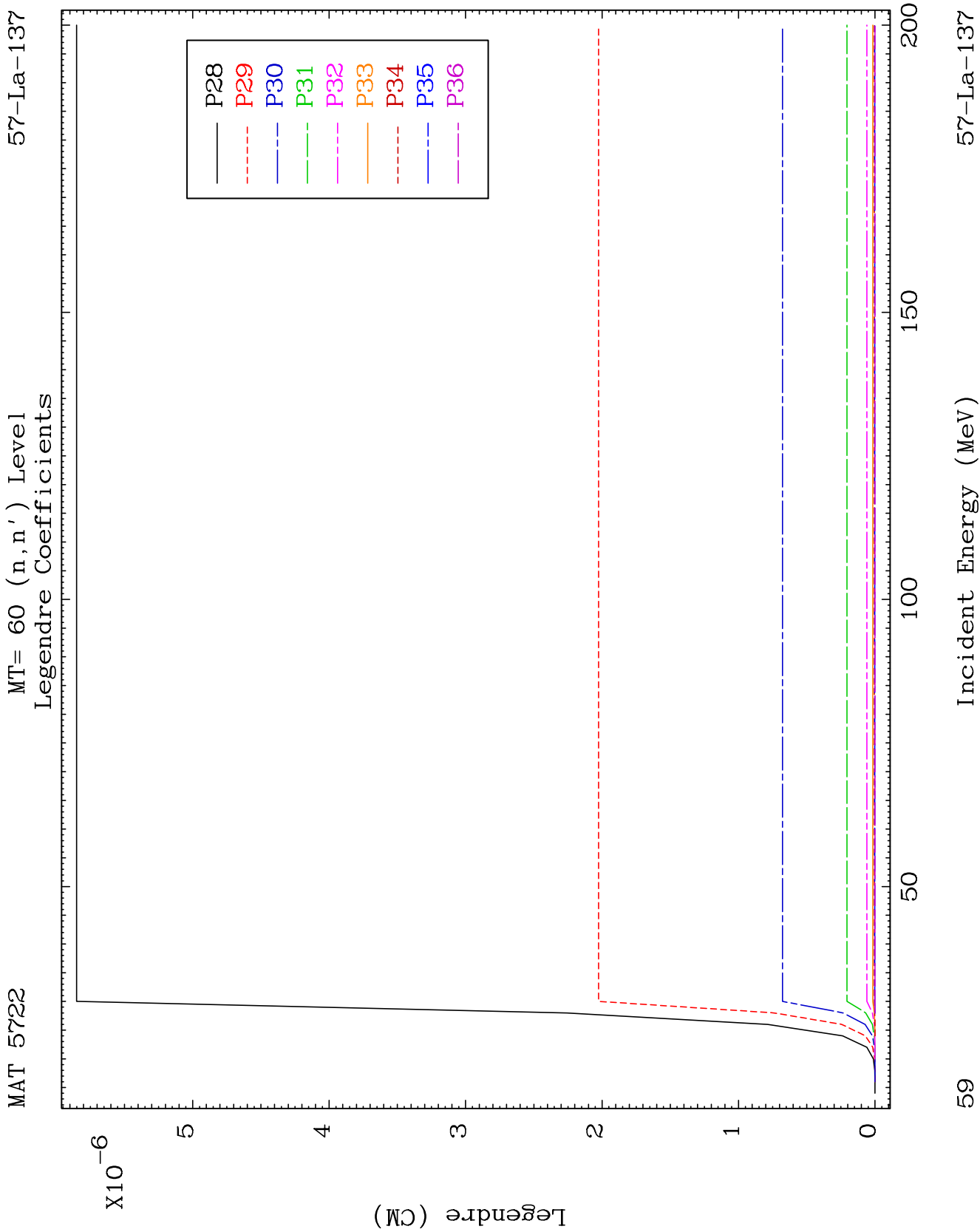








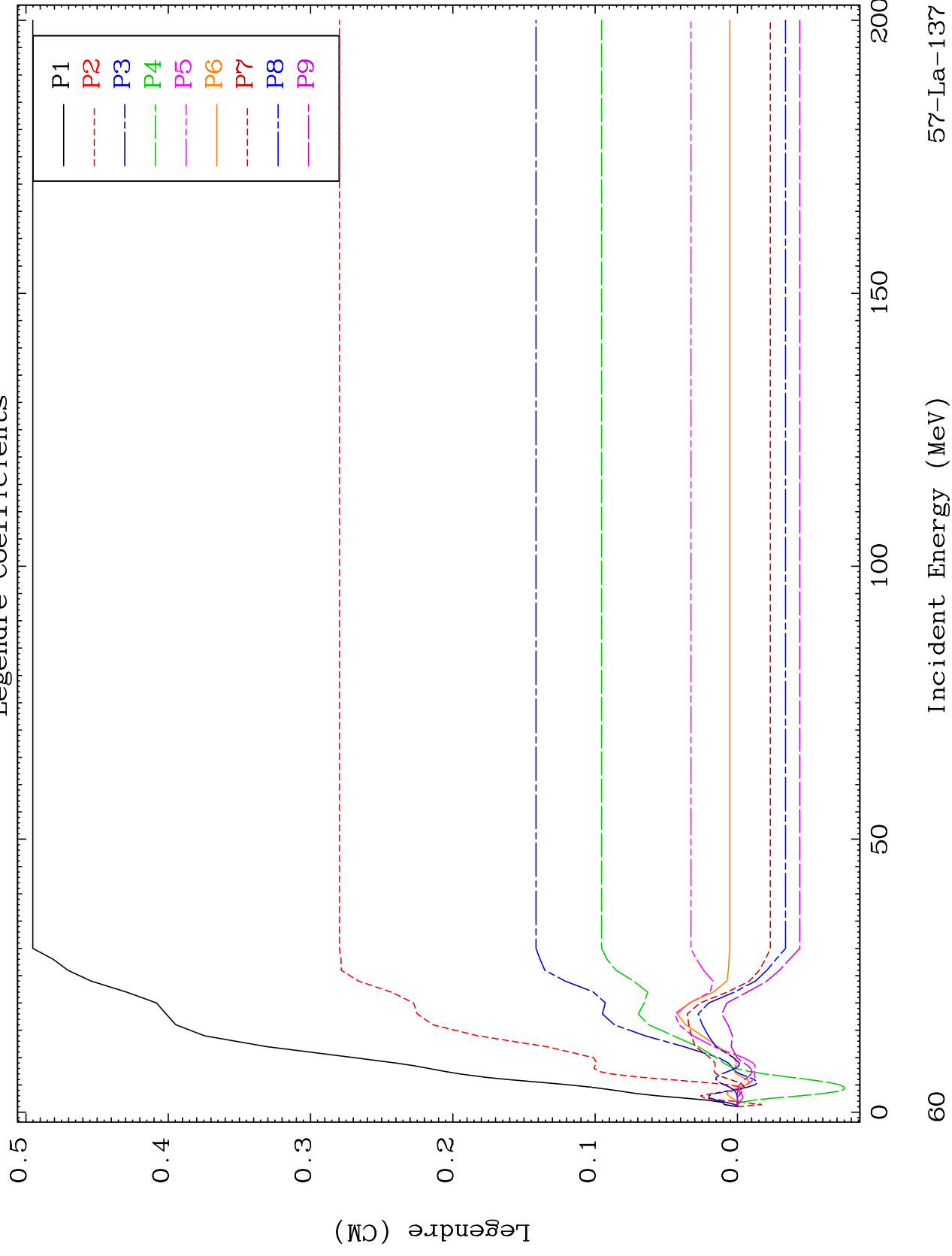


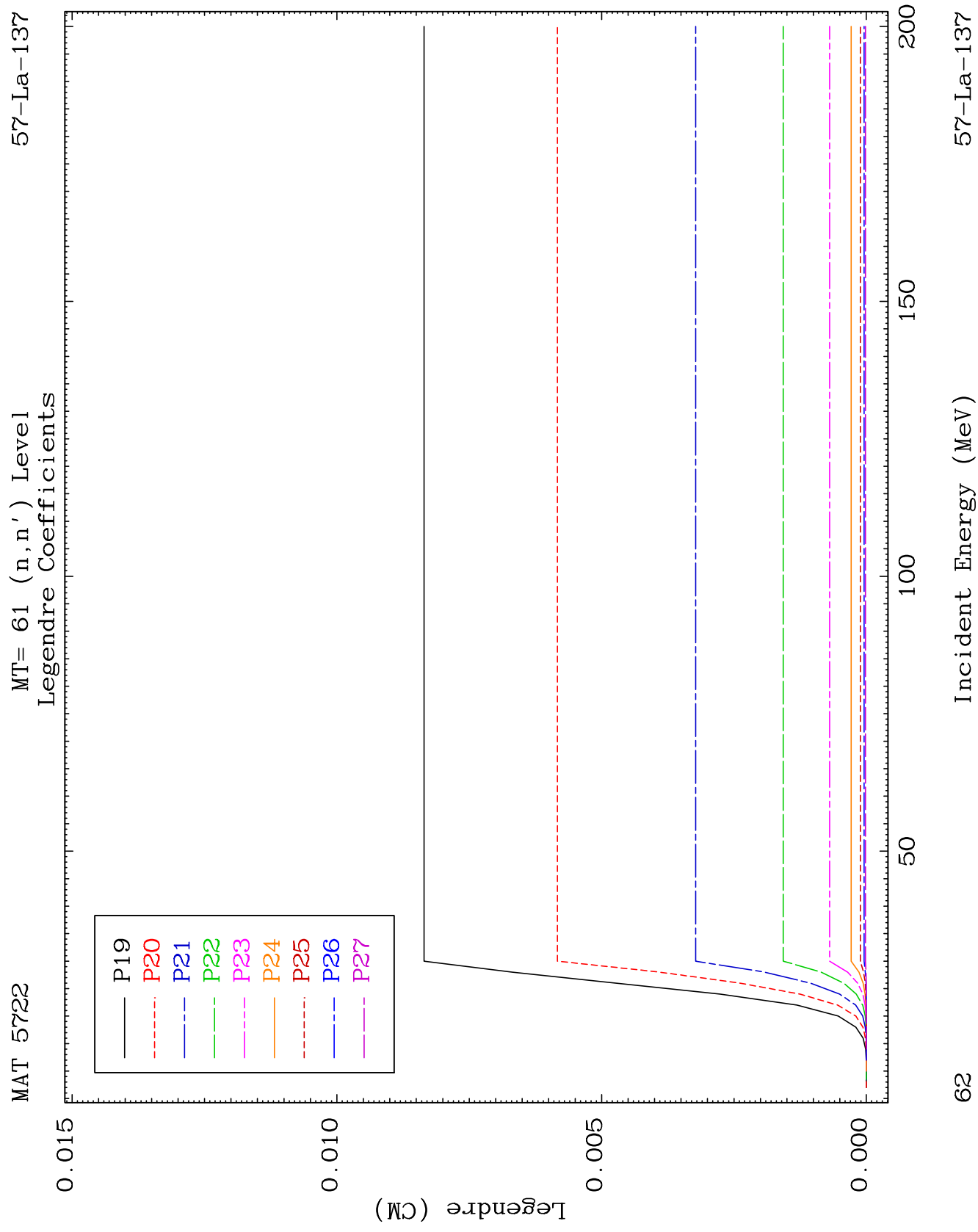


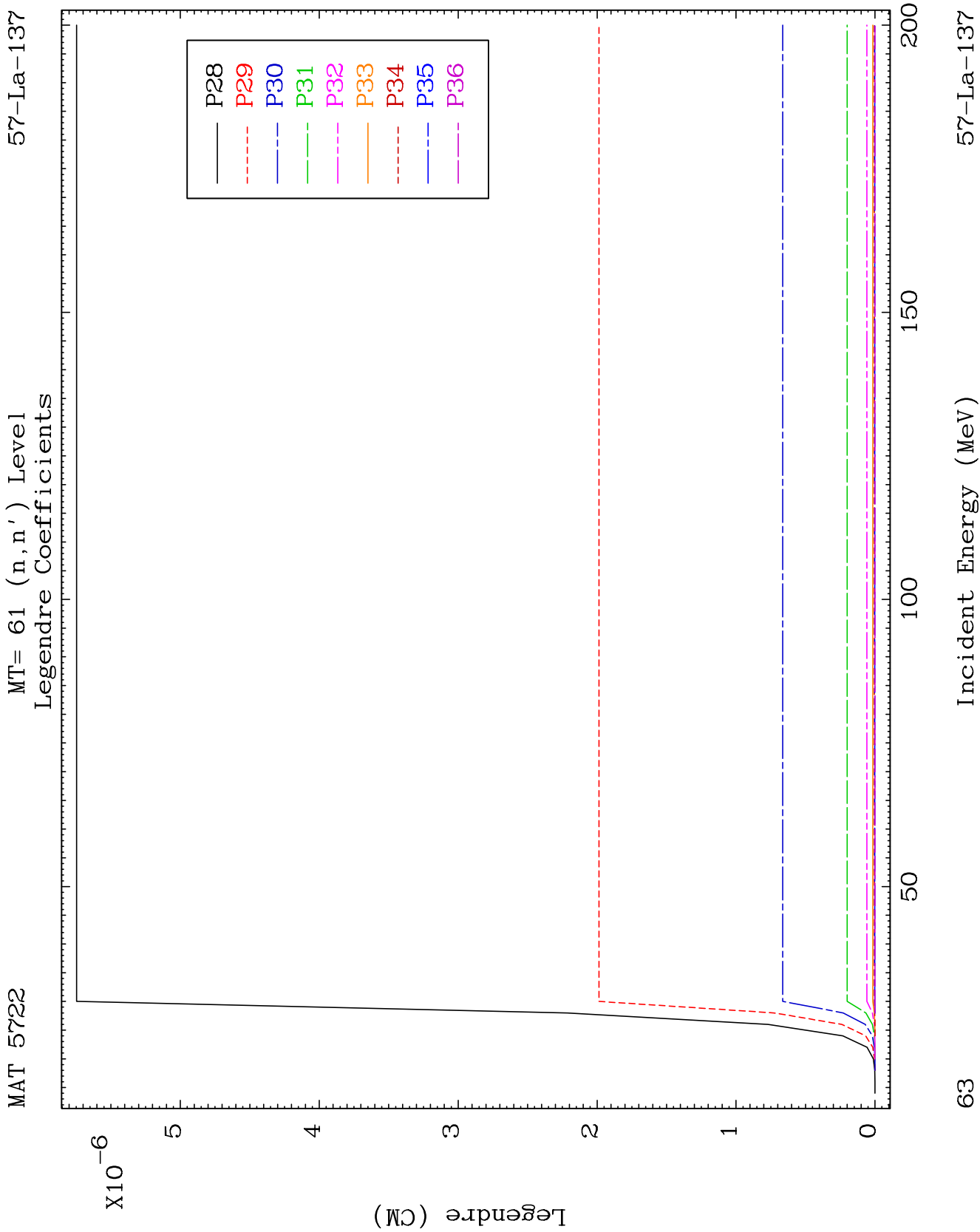
MAT 5722

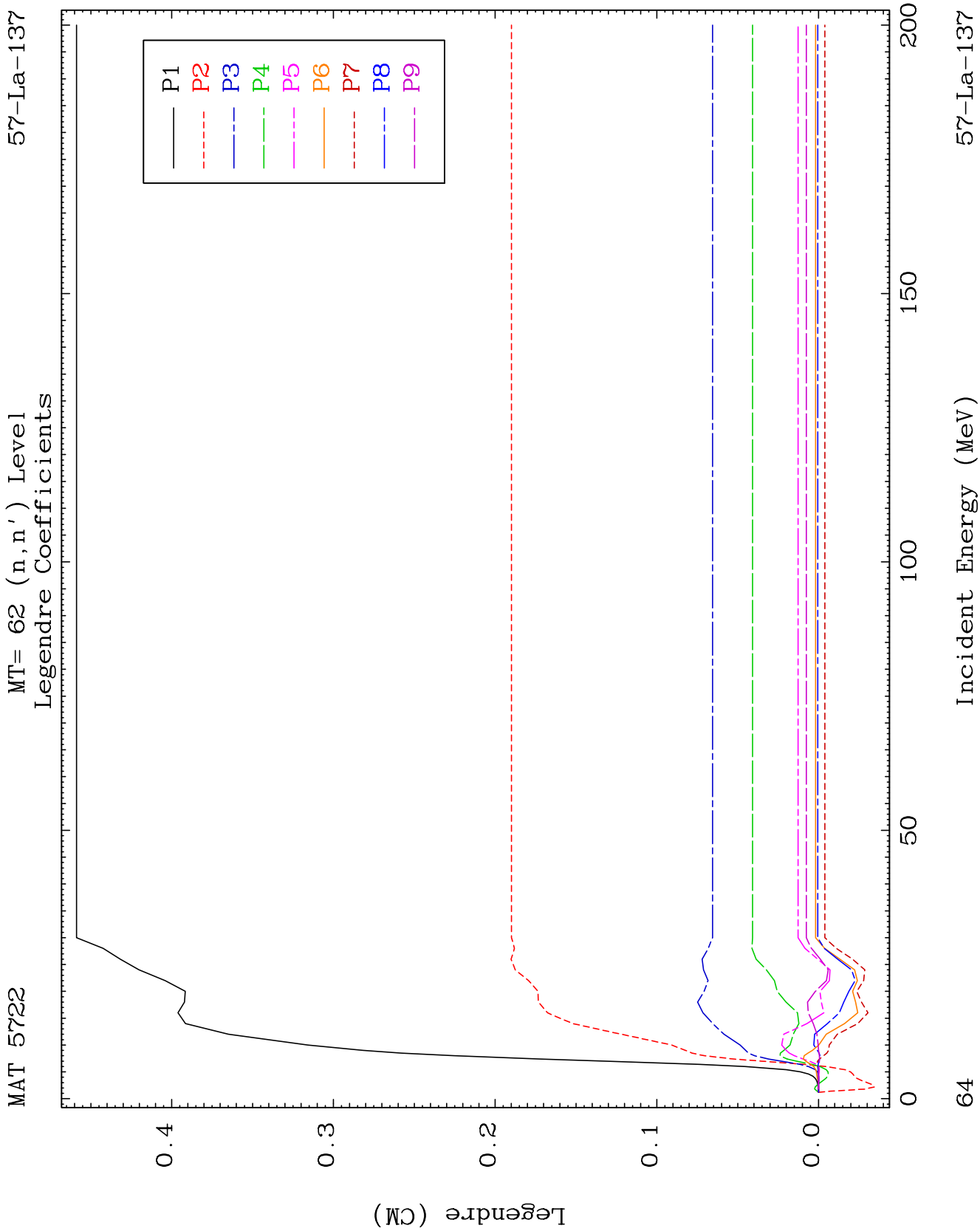
MT= 61 (n, n') Level
Legendre Coefficients

57-La-137





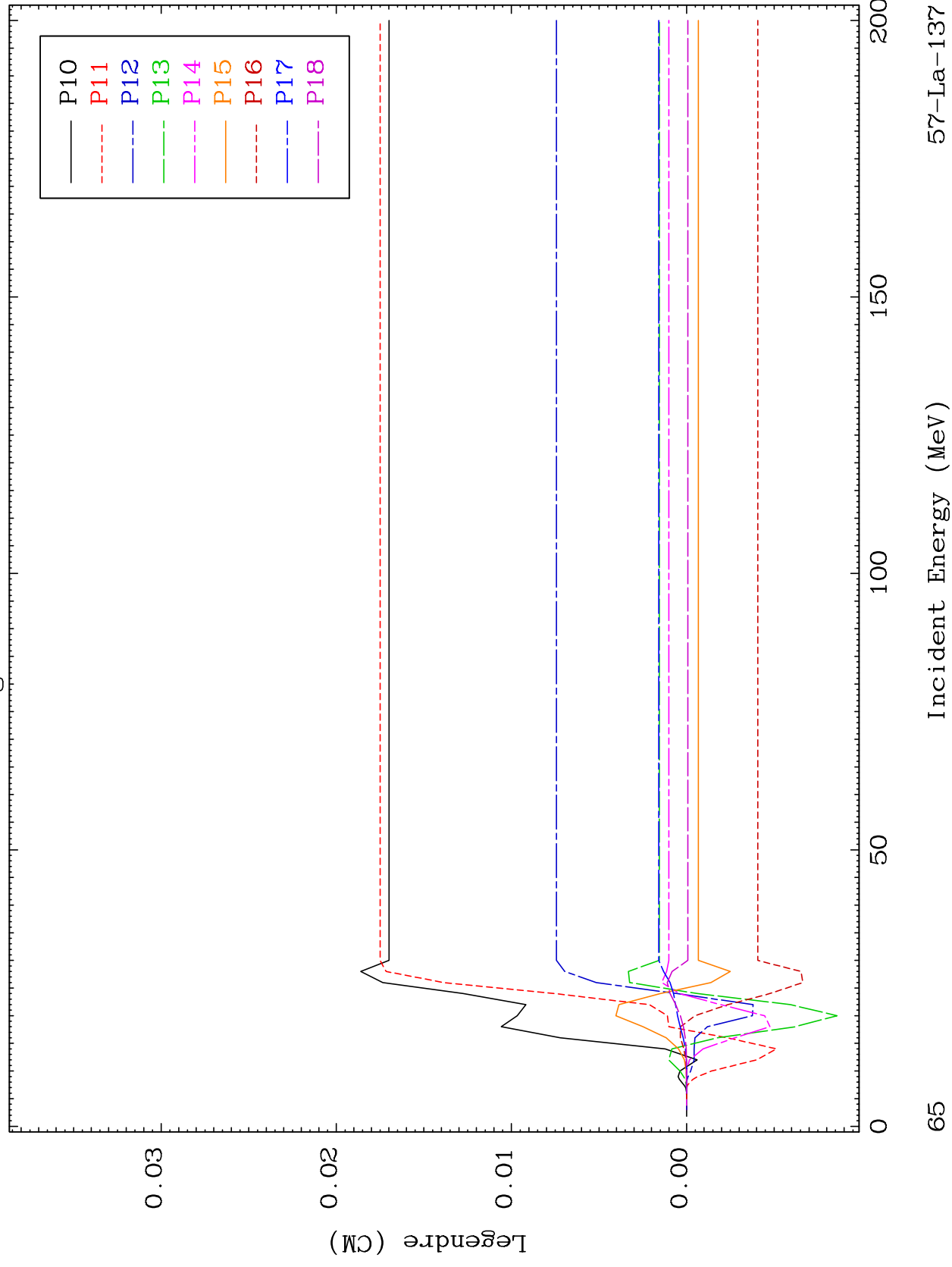


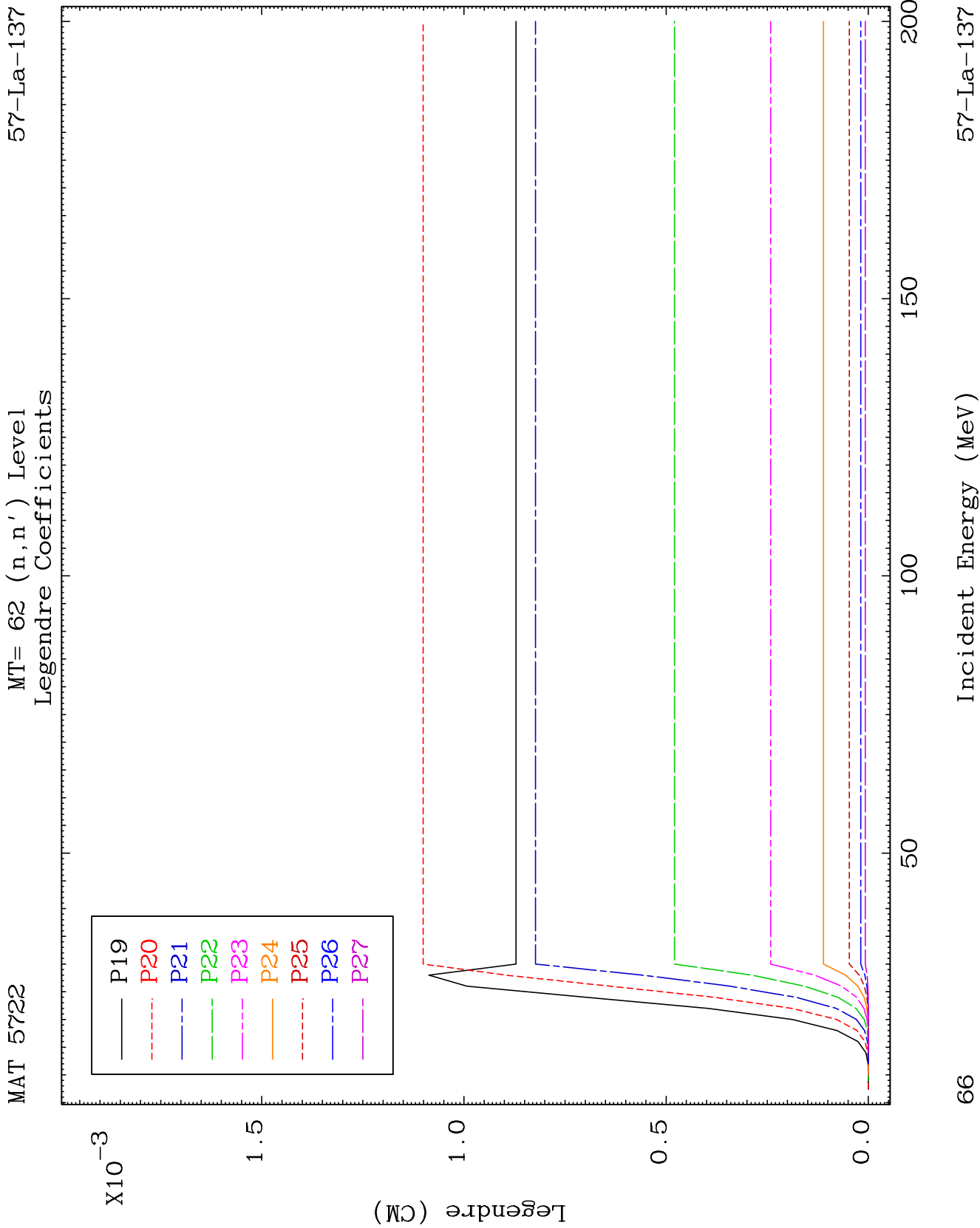


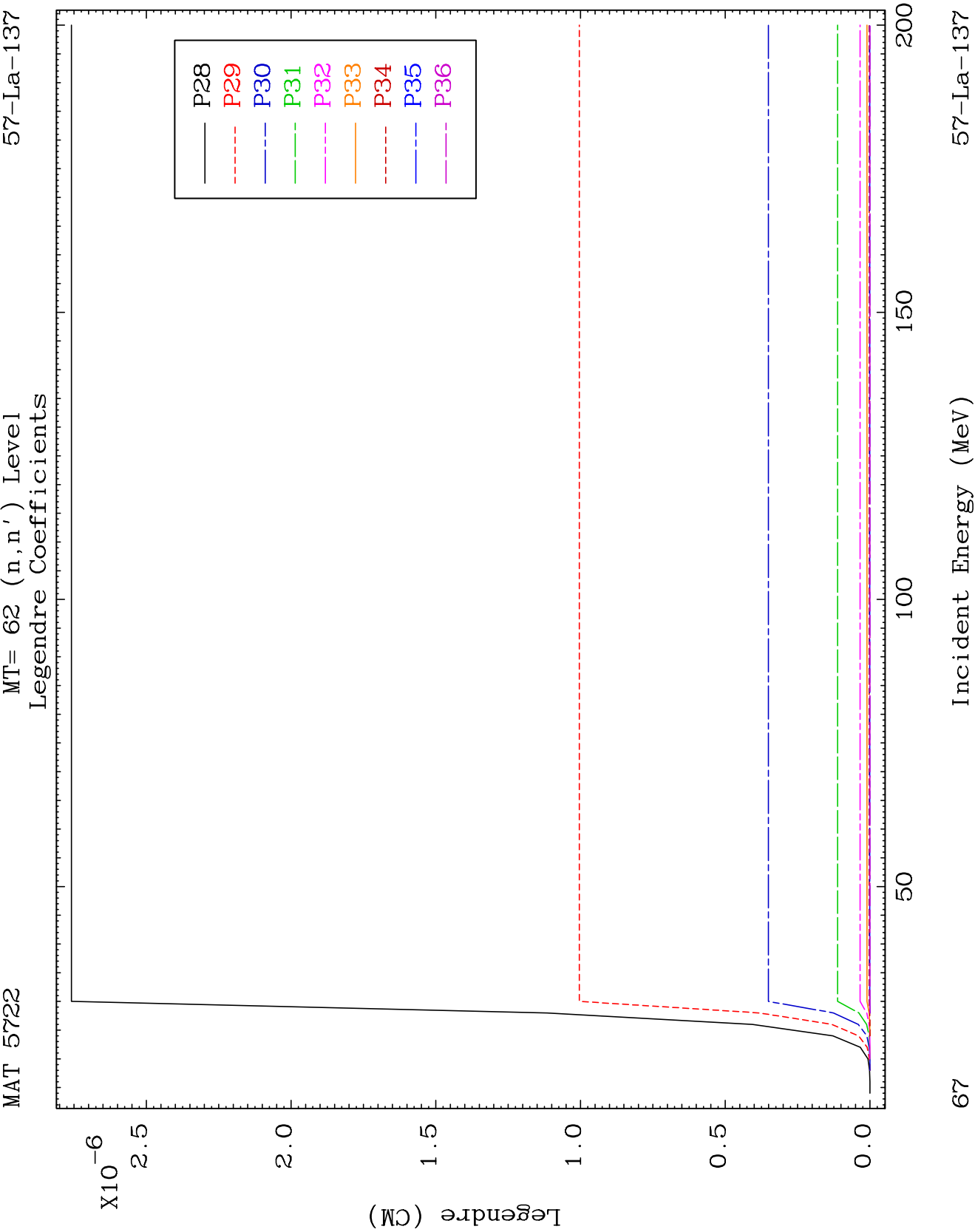
MAT 5722

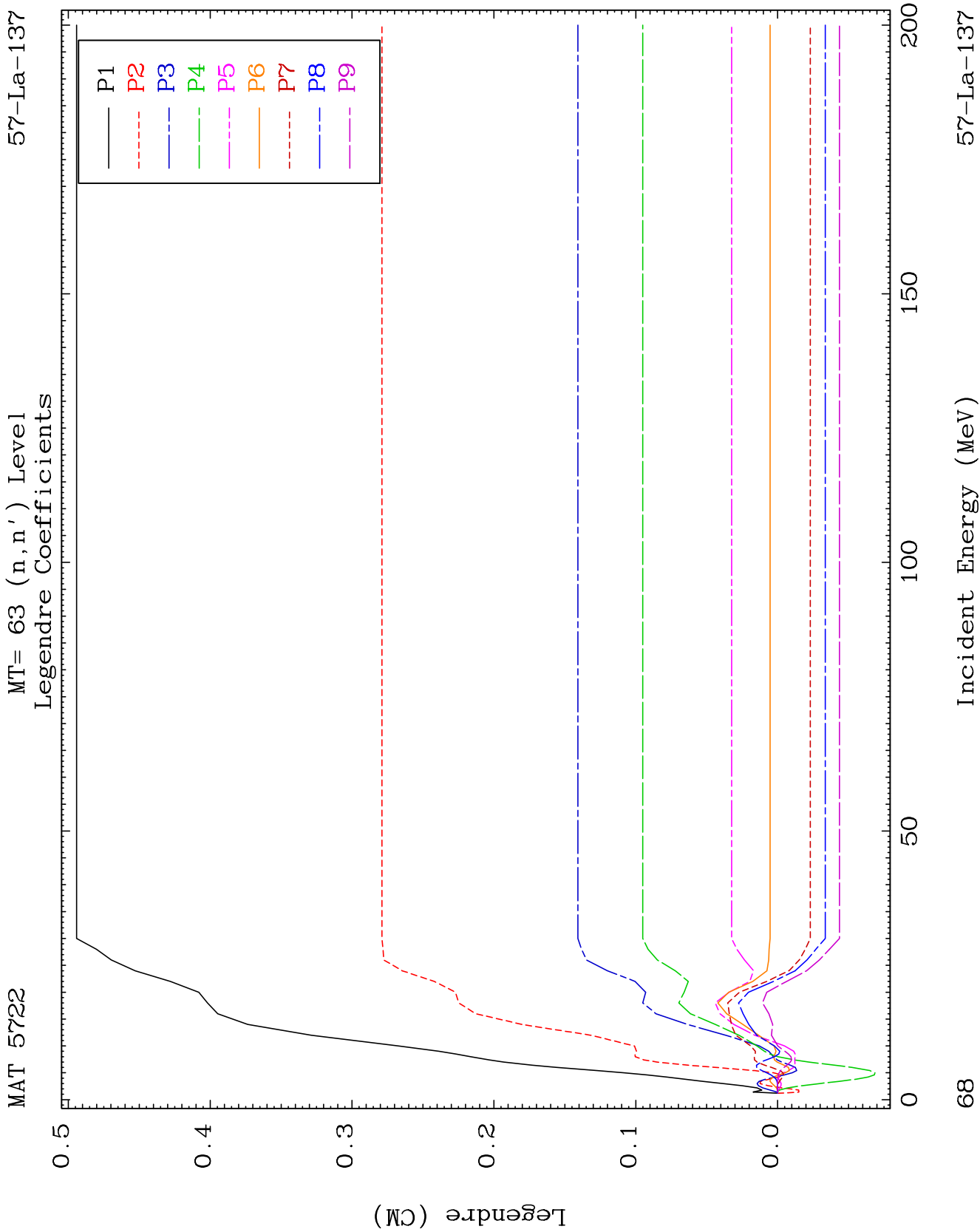
MT= 62 (n, n') Level
Legendre Coefficients

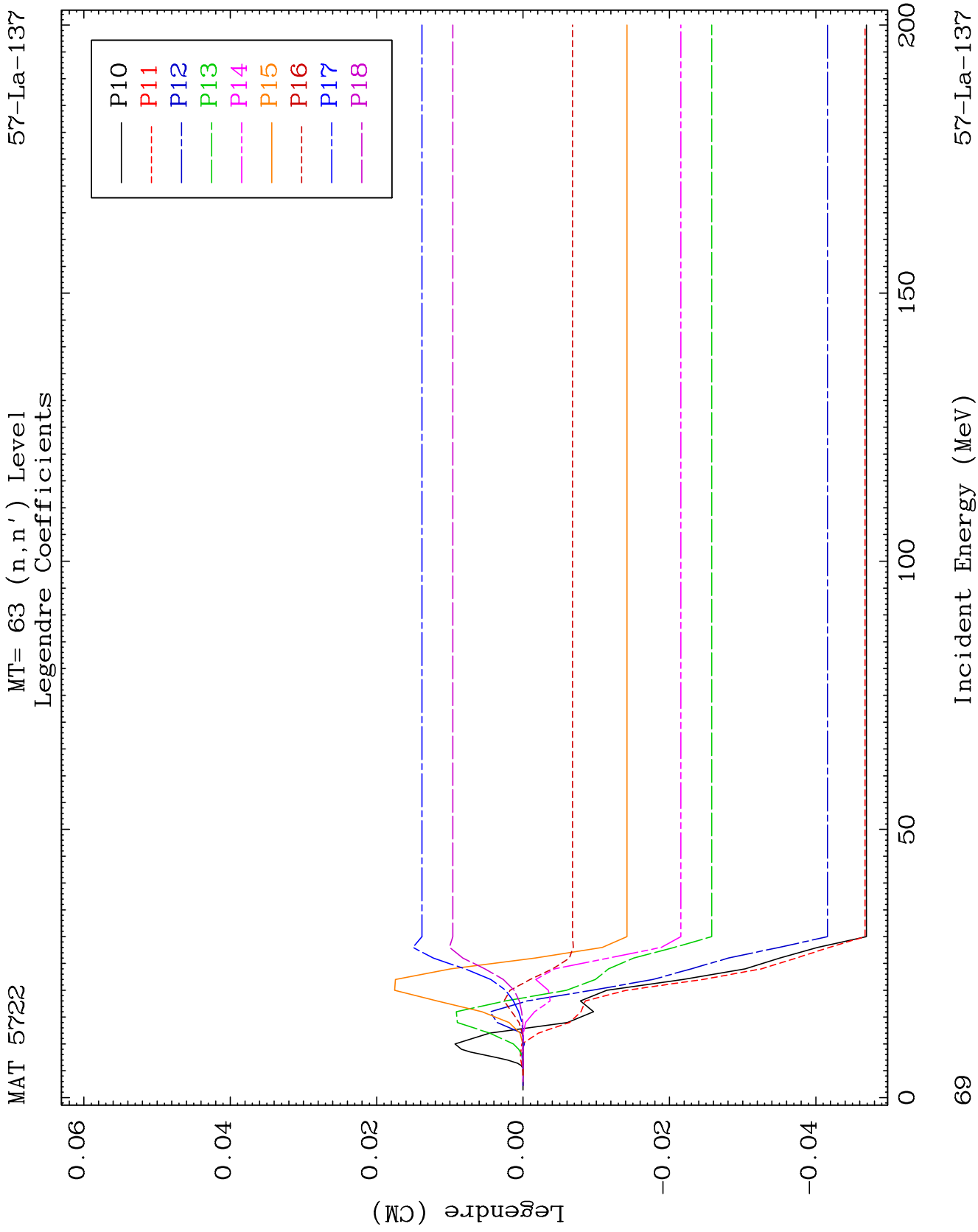
57-La-137

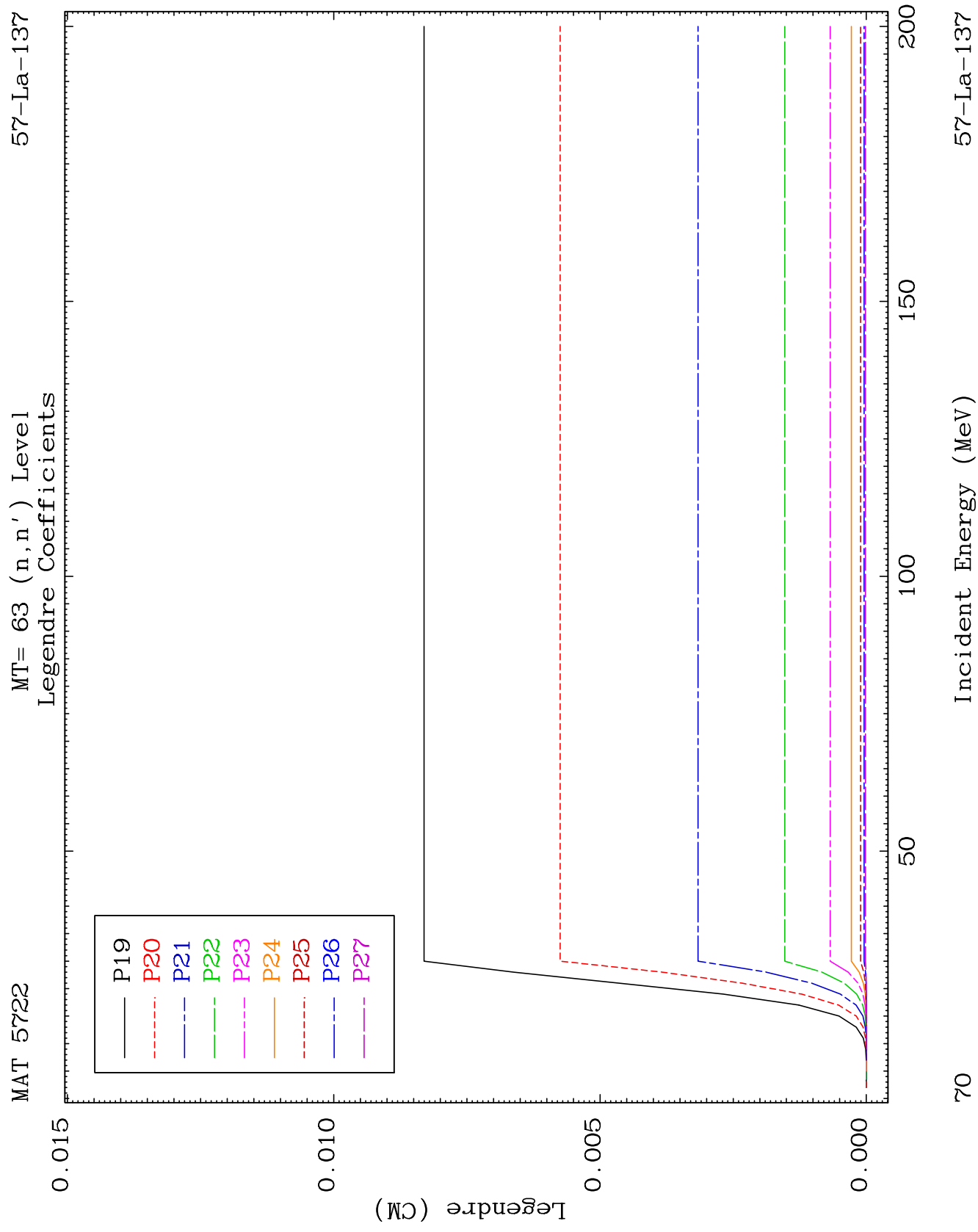








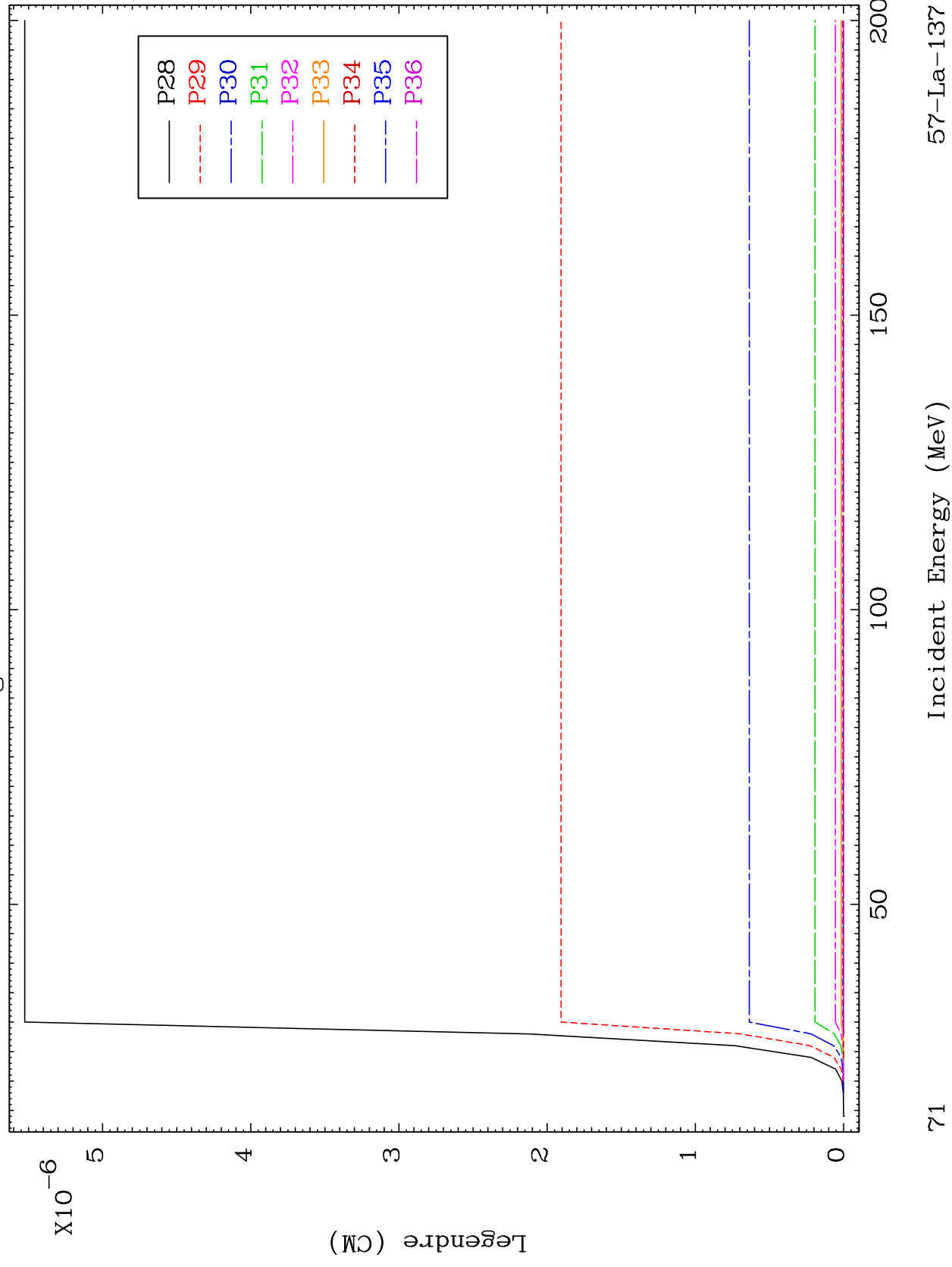


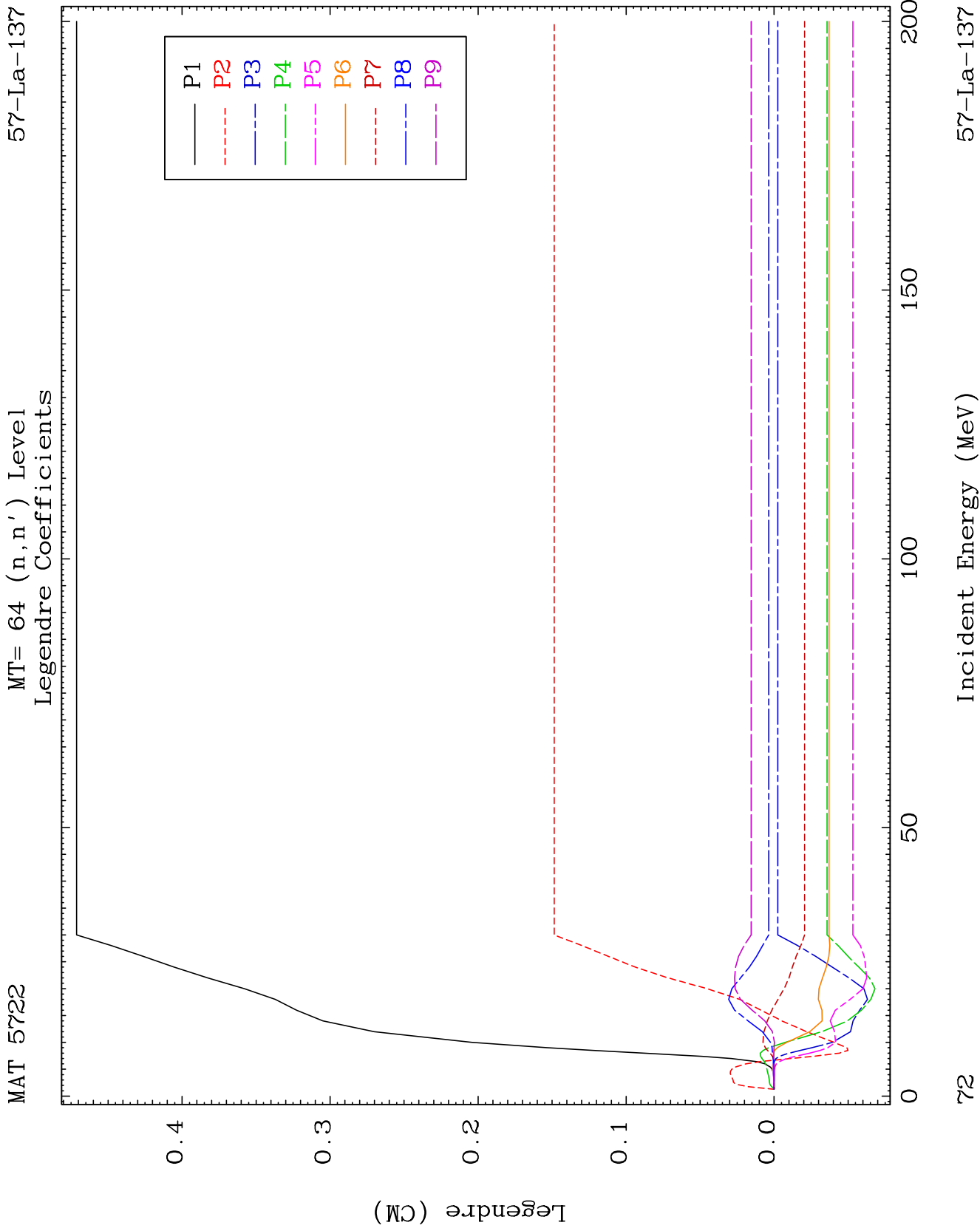


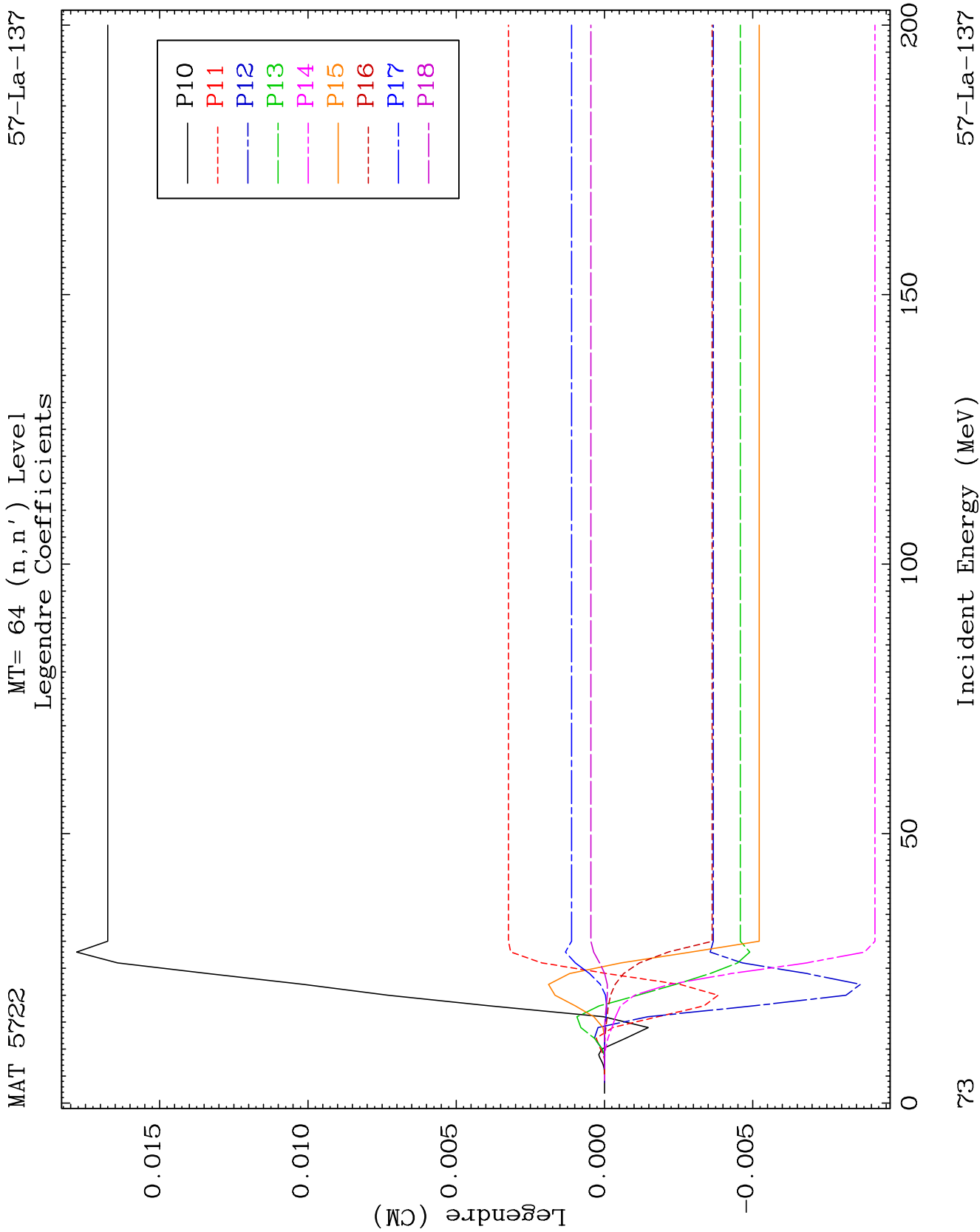
MAT 5722

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

57-La-137



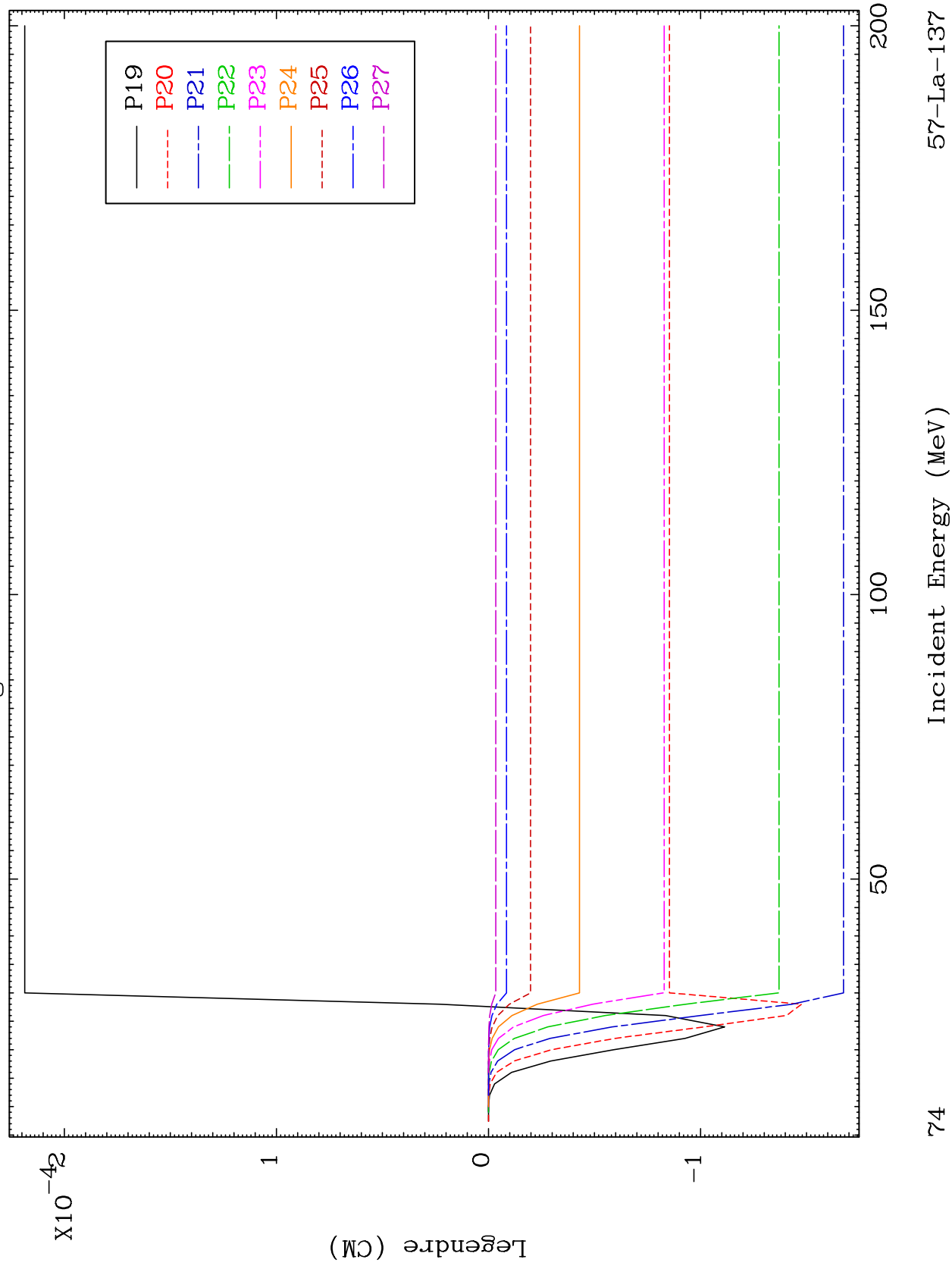




MAT 5722

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

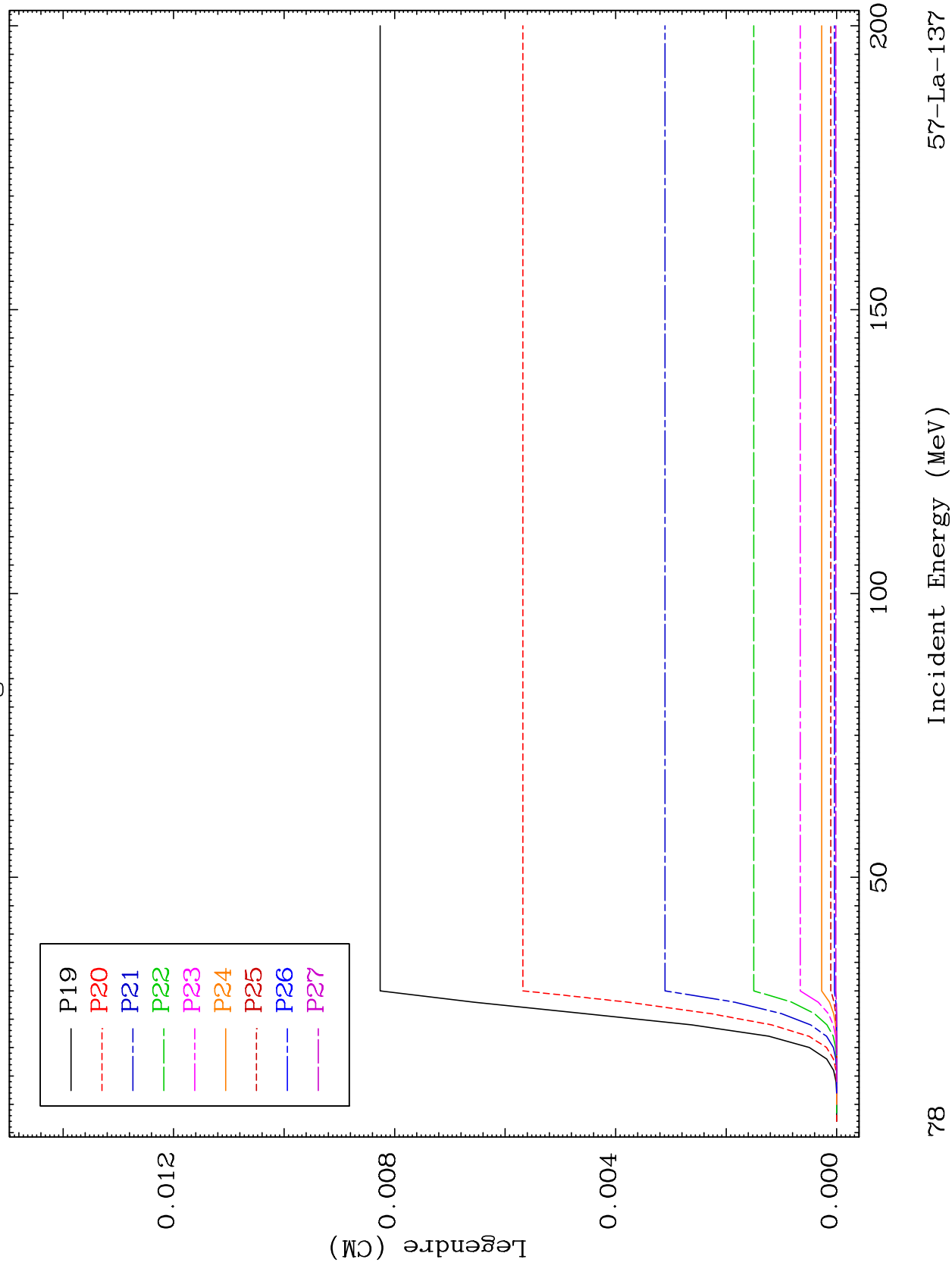
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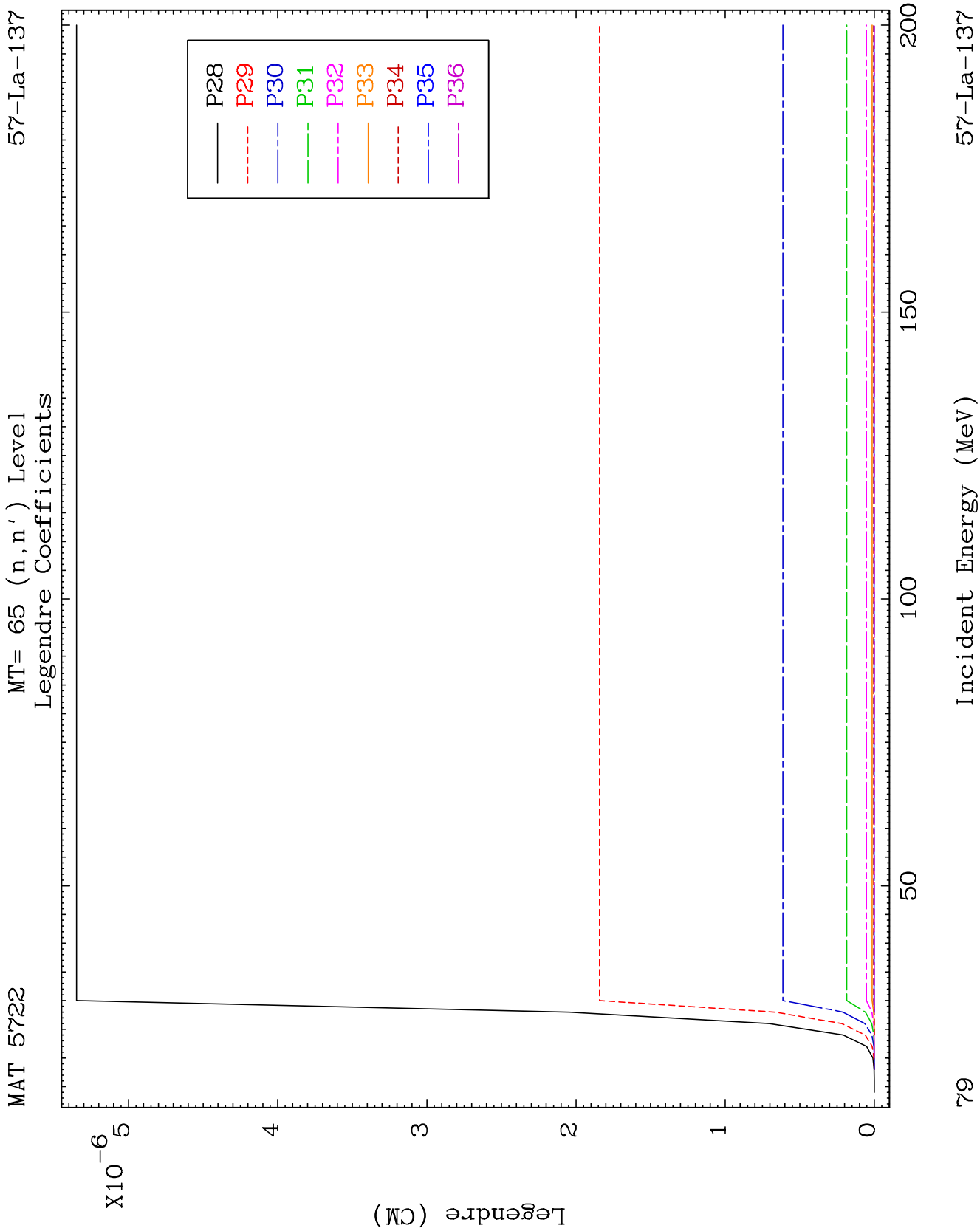


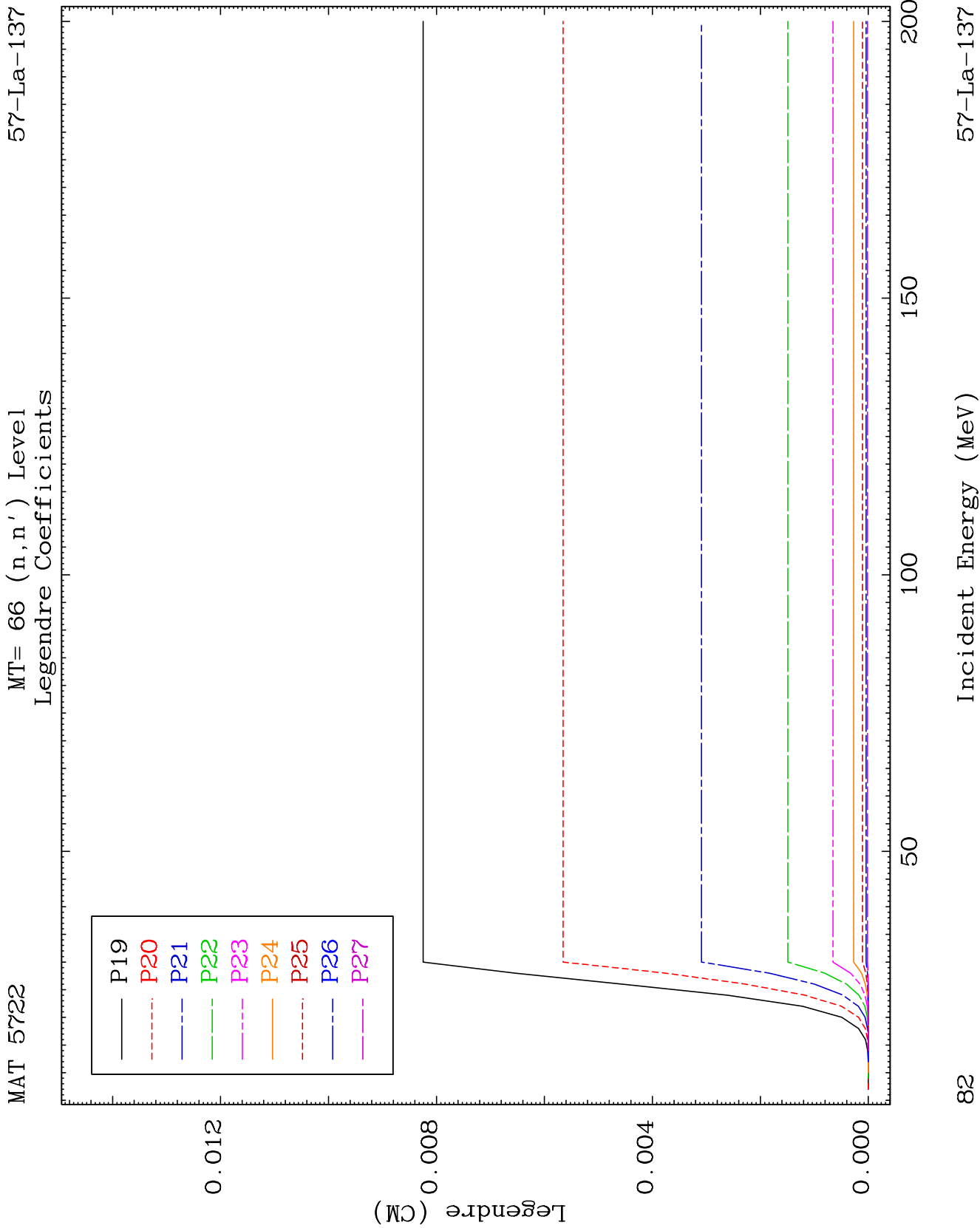
MAT 5722

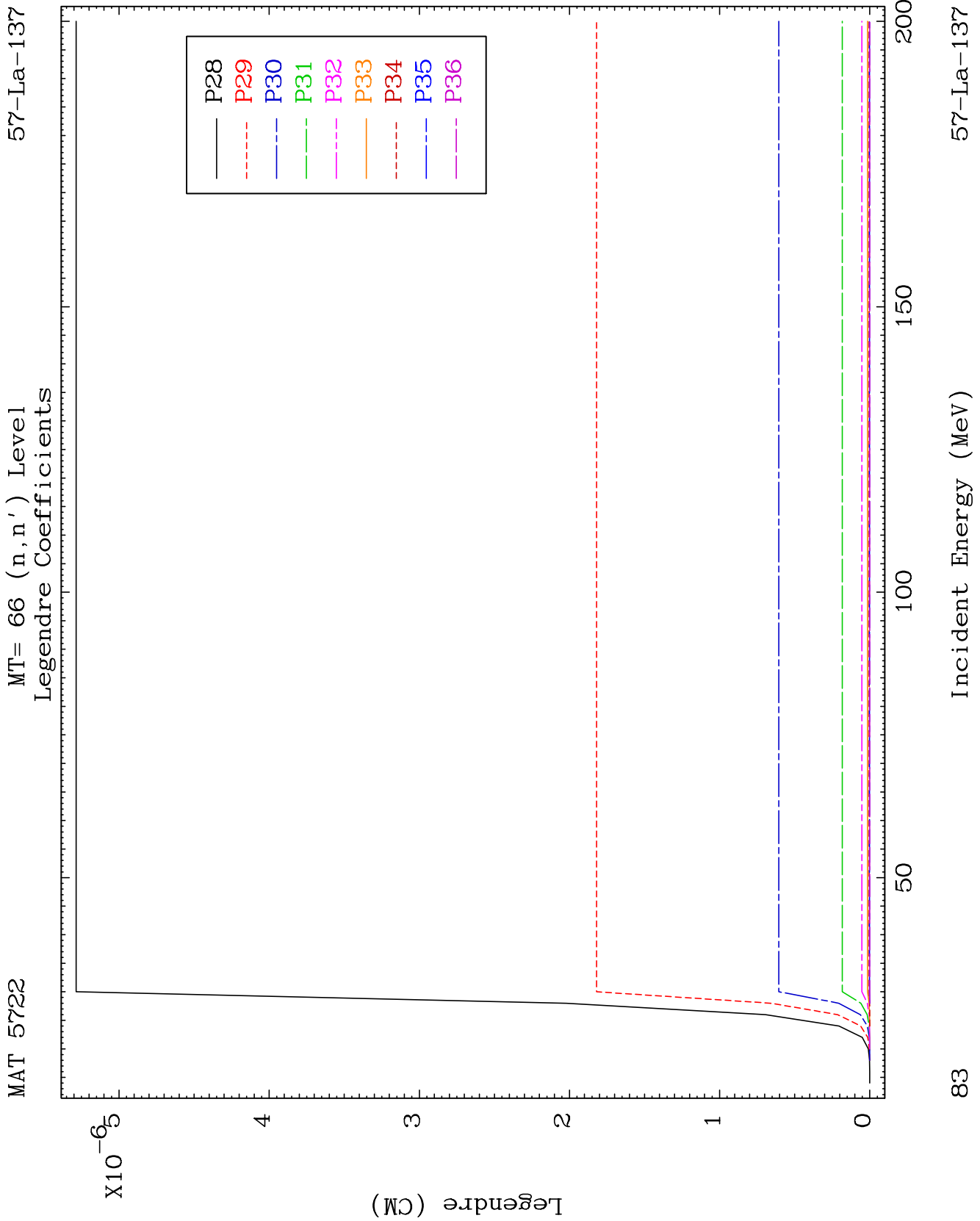
MT= 65 (n, n') Level
Legendre Coefficients

57-La-137





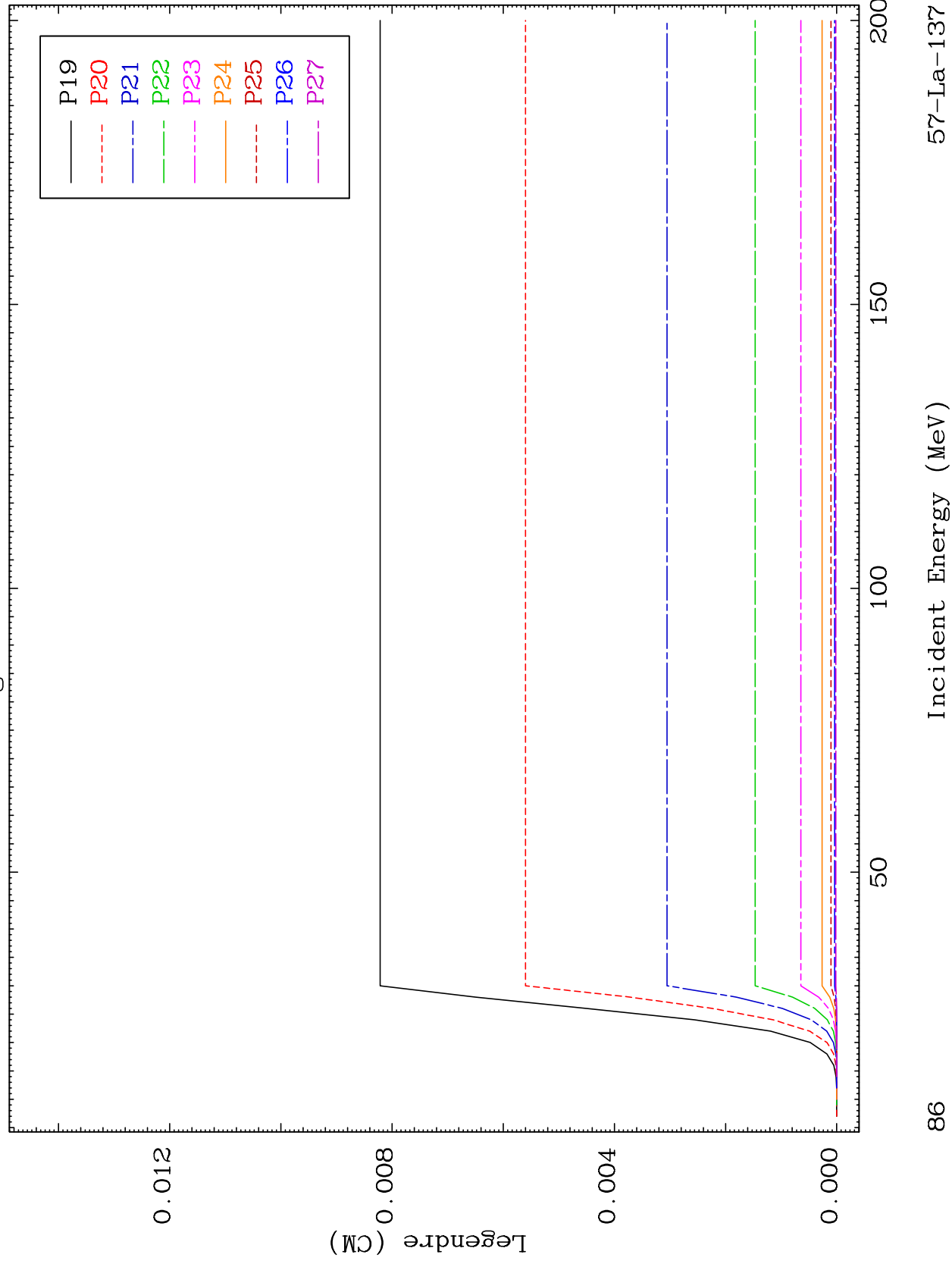


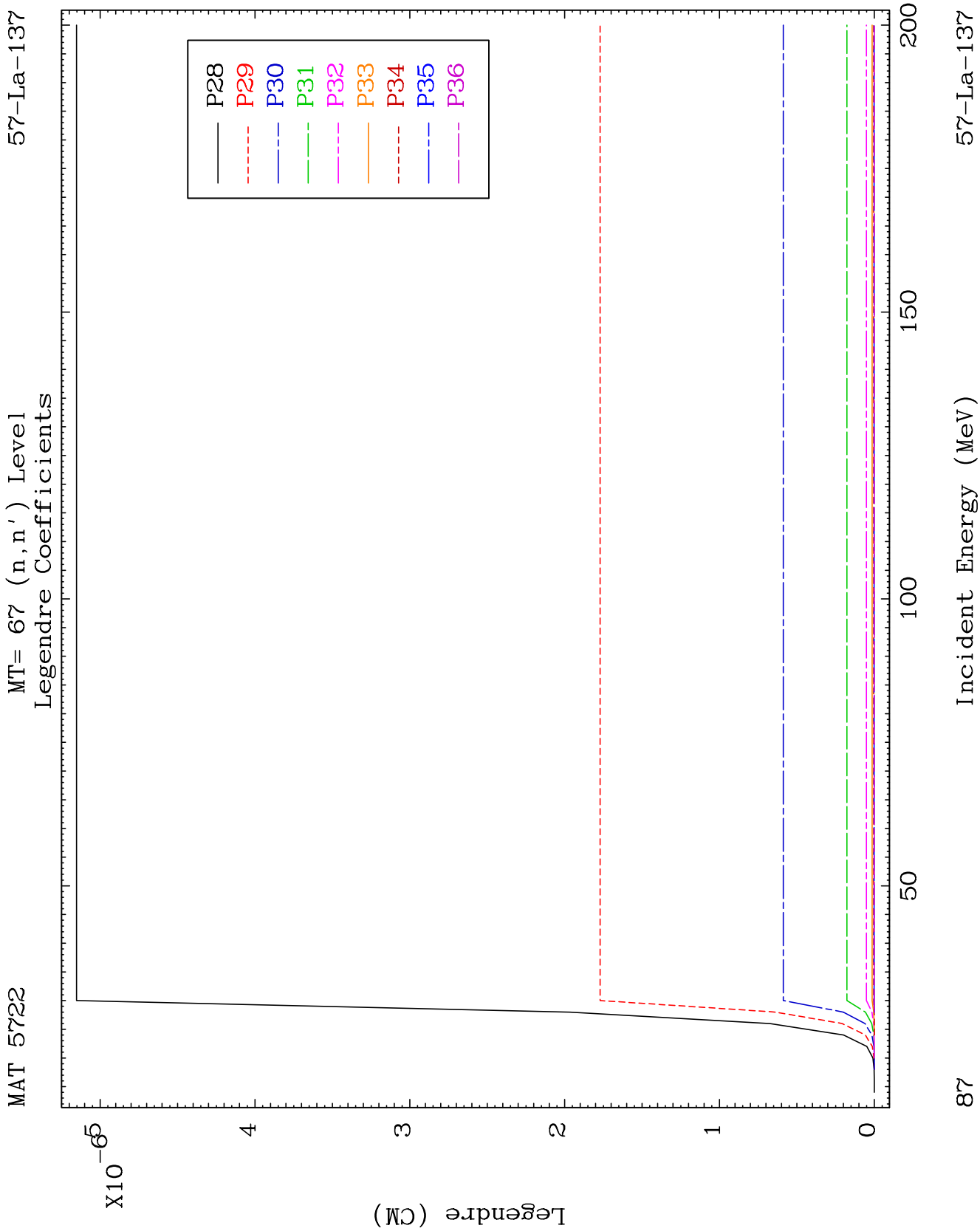


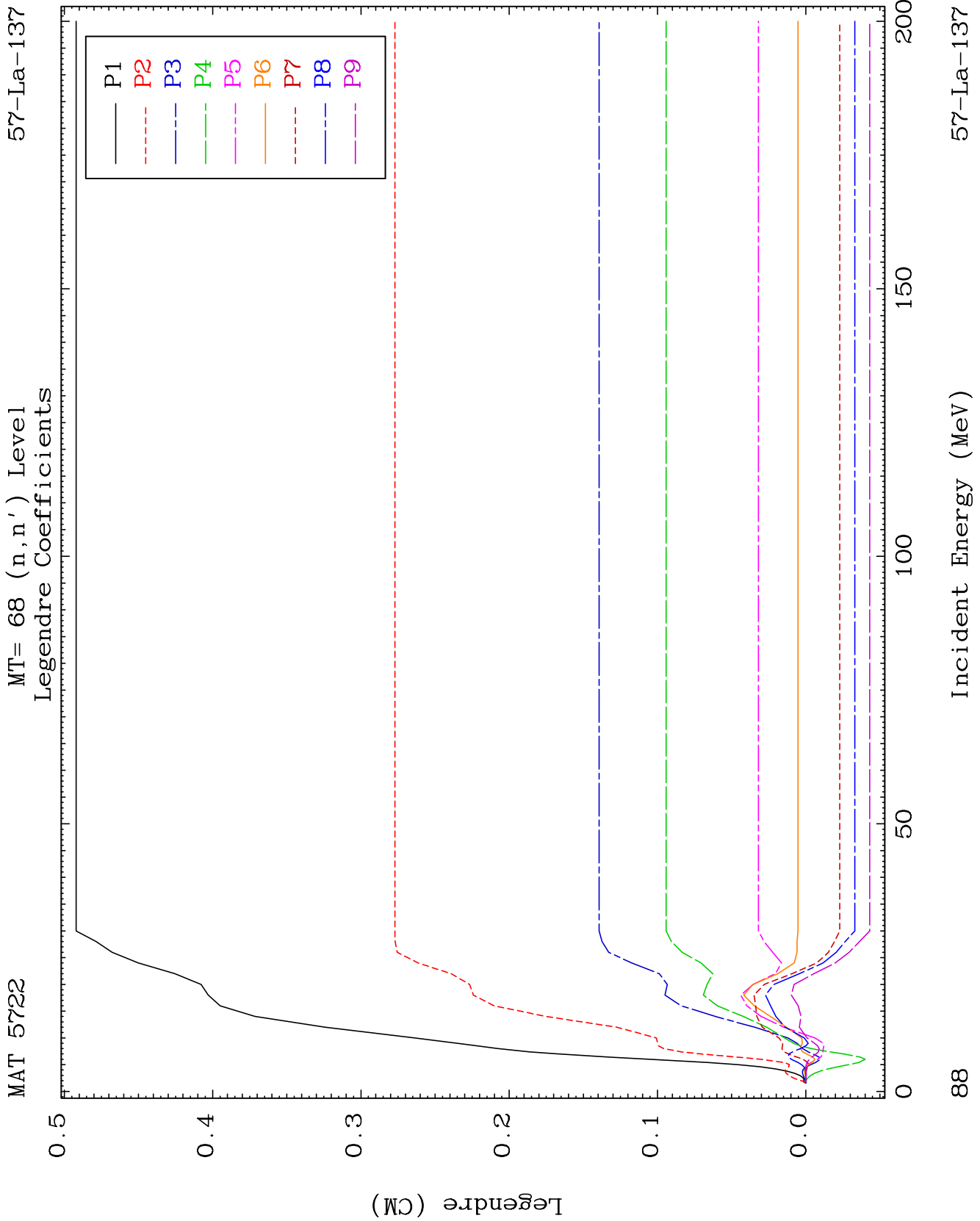
MAT 5722

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

57-La-137



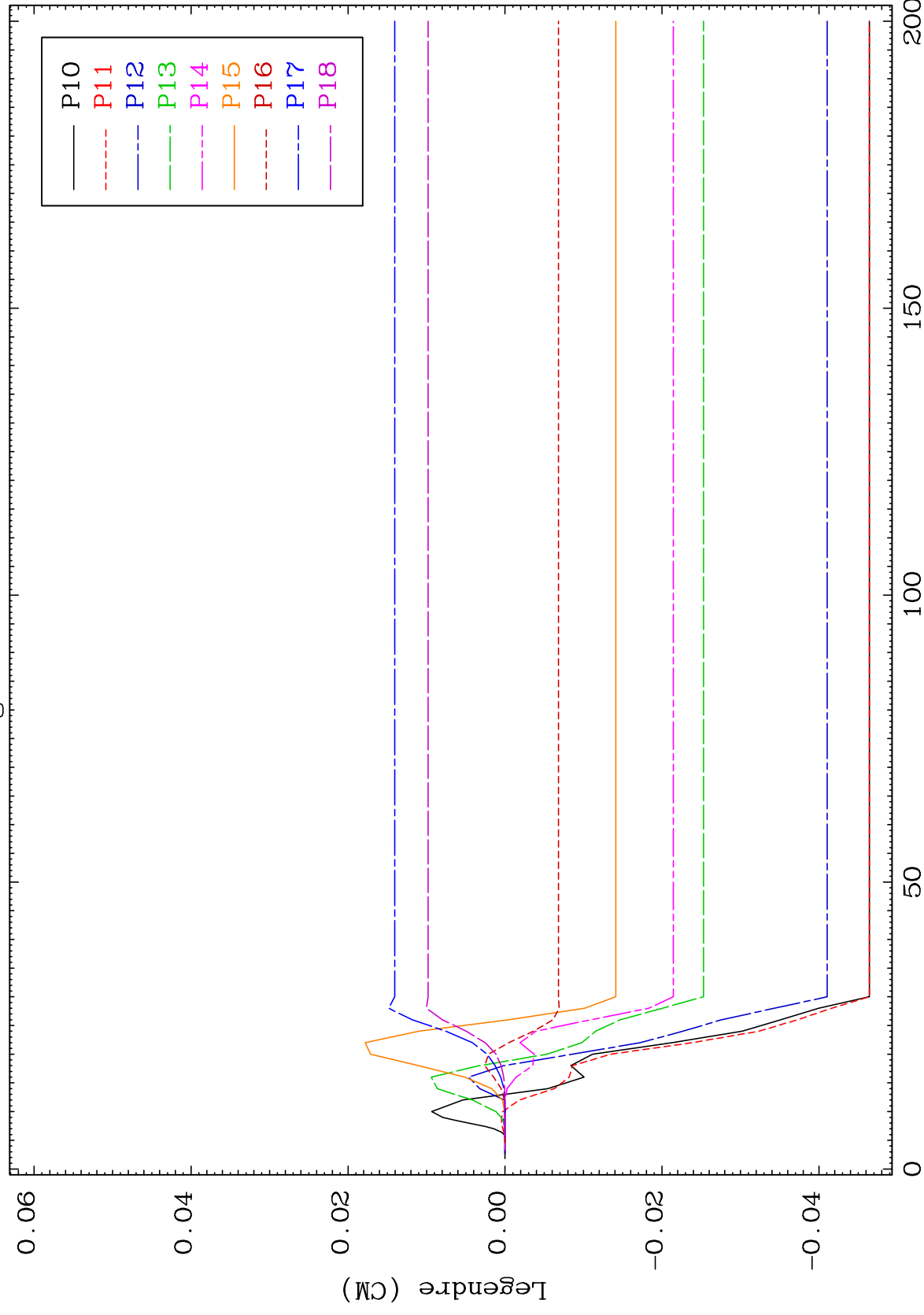




MAT 5722

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

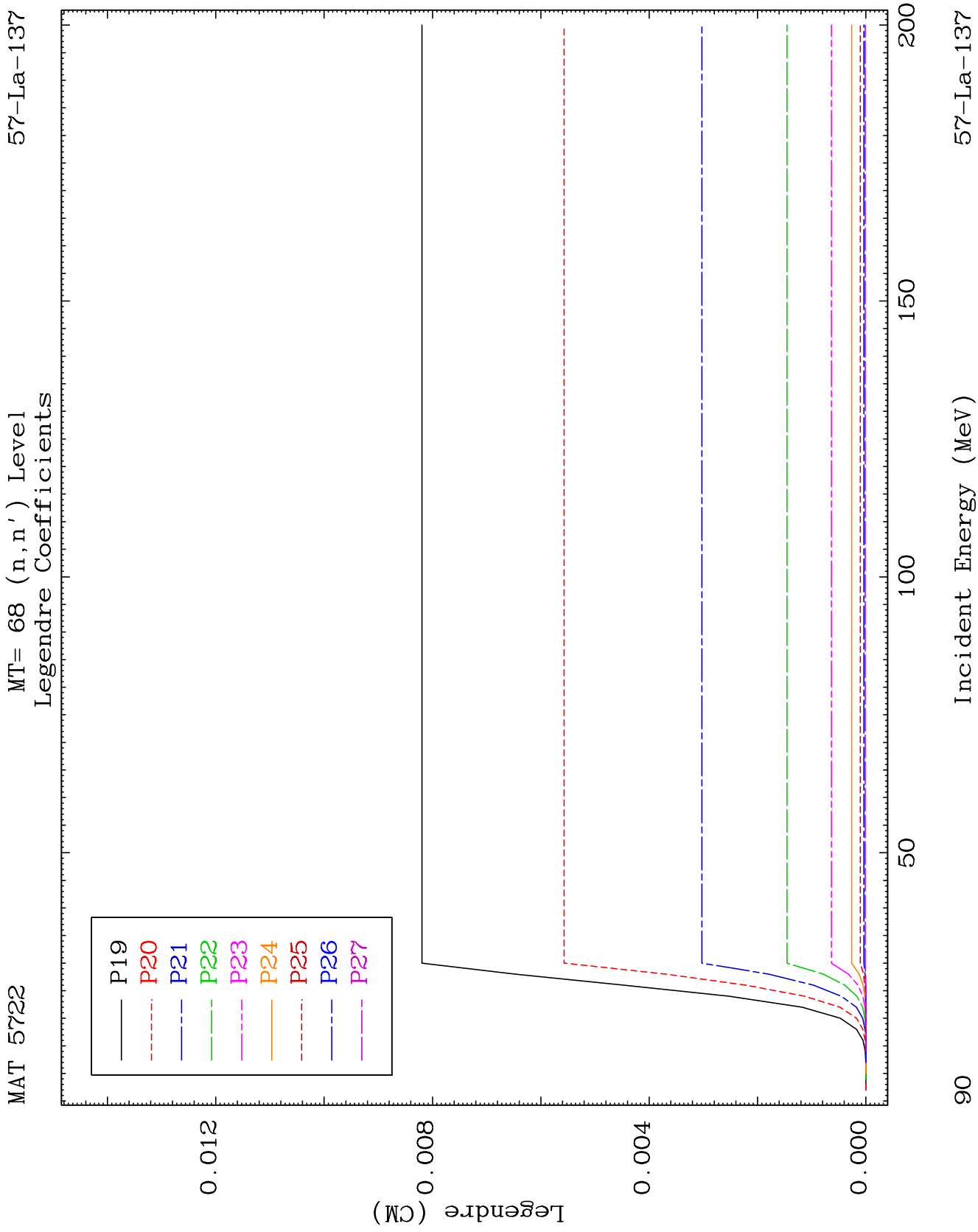
57-La-137

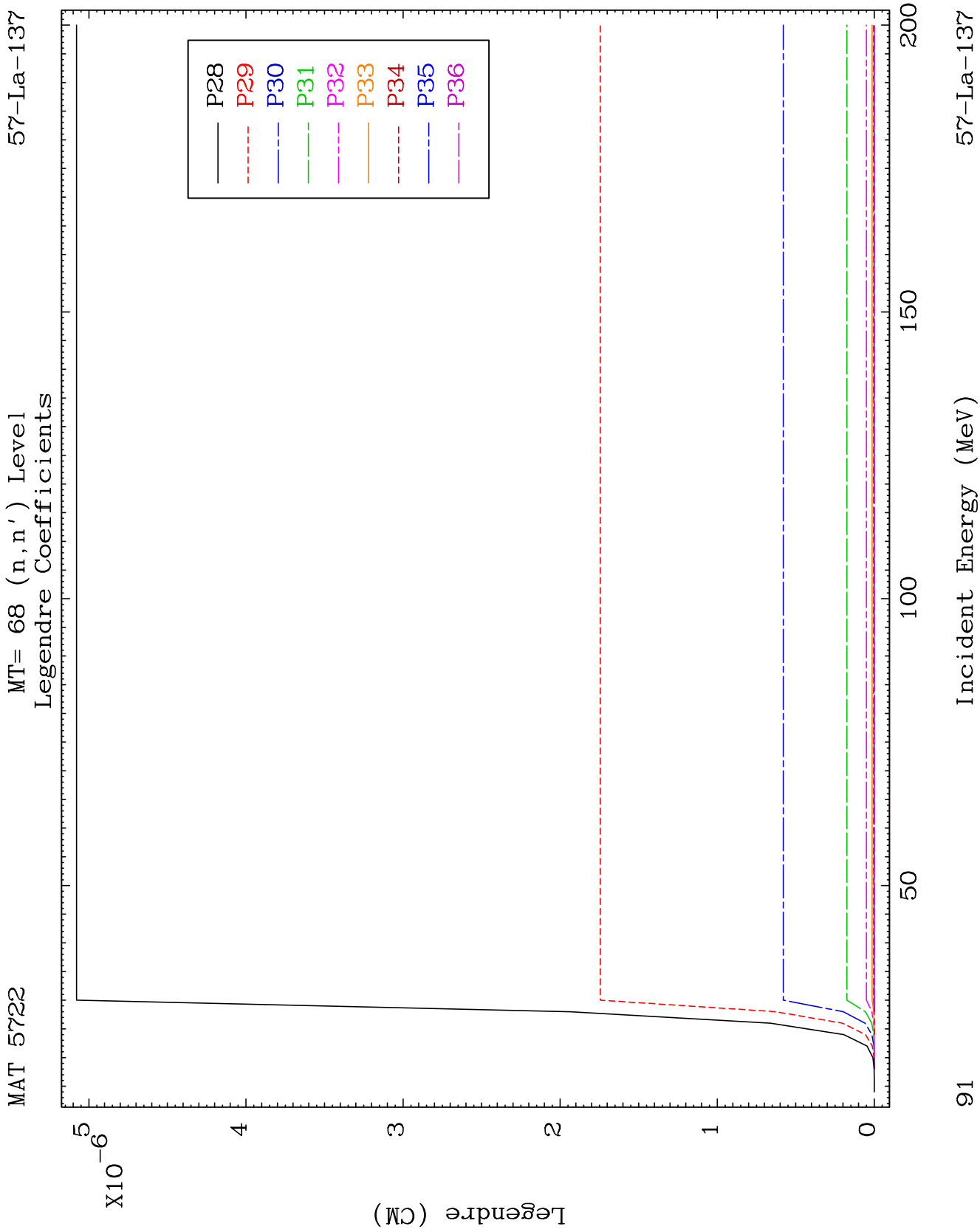


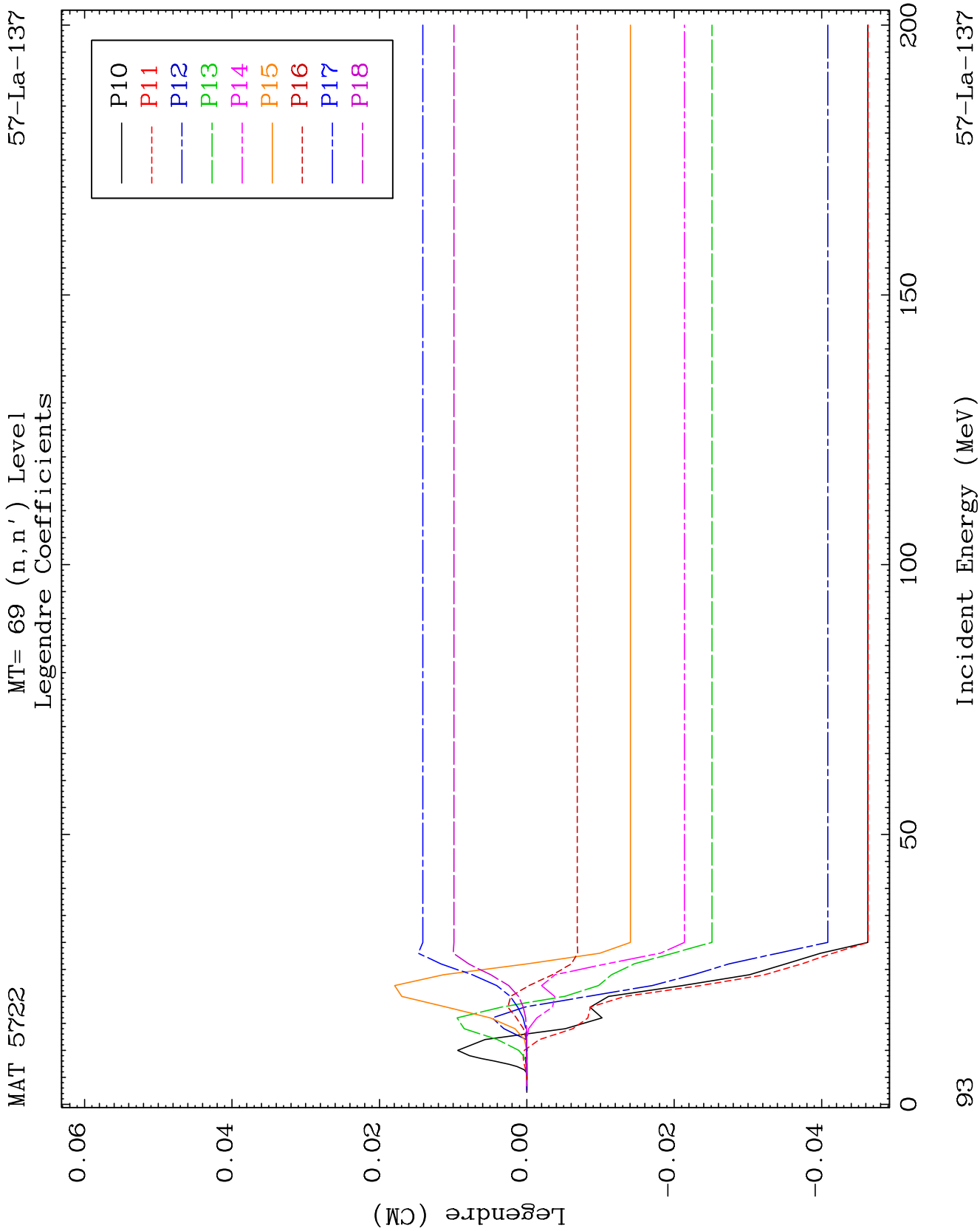
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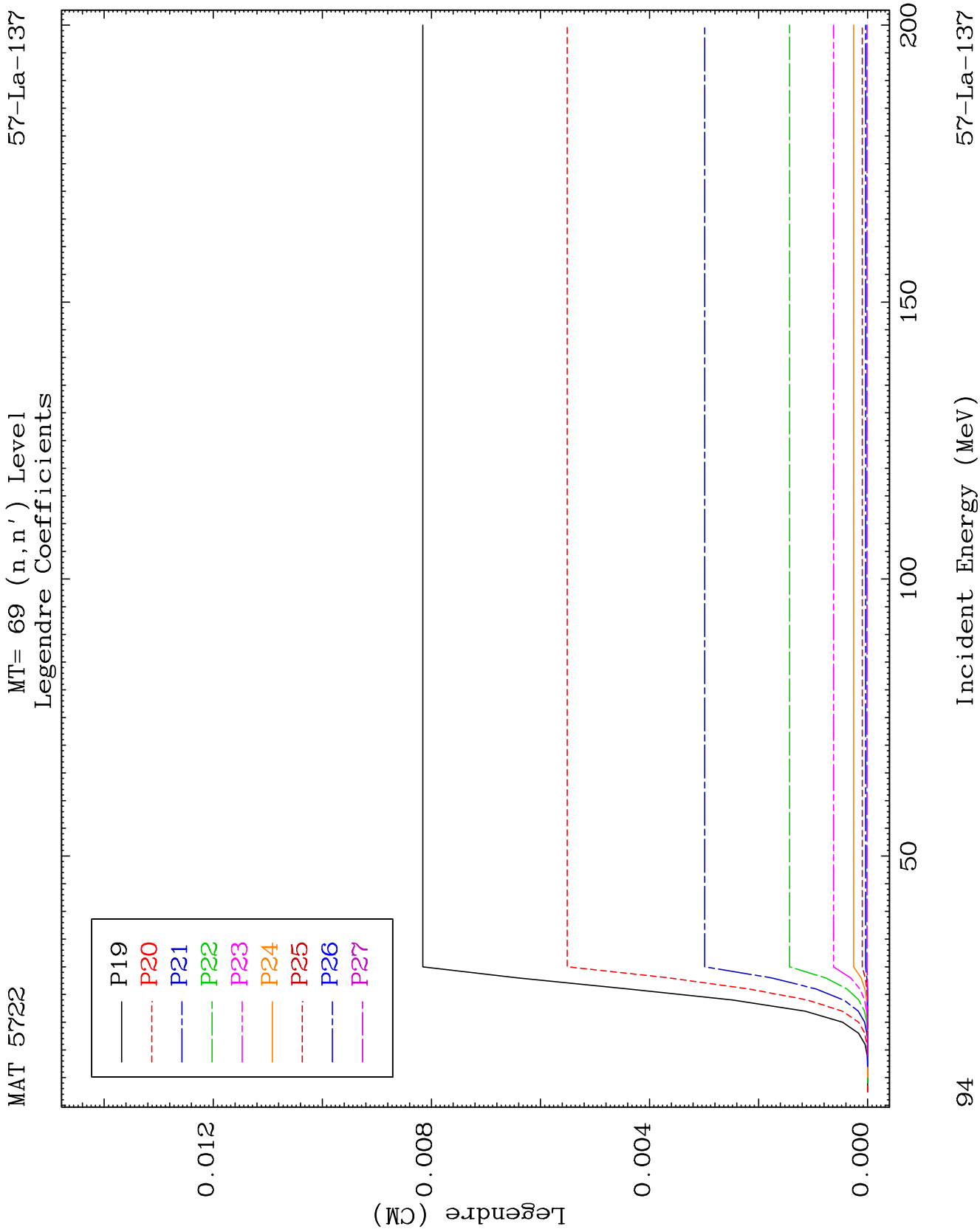
Incident Energy (MeV)

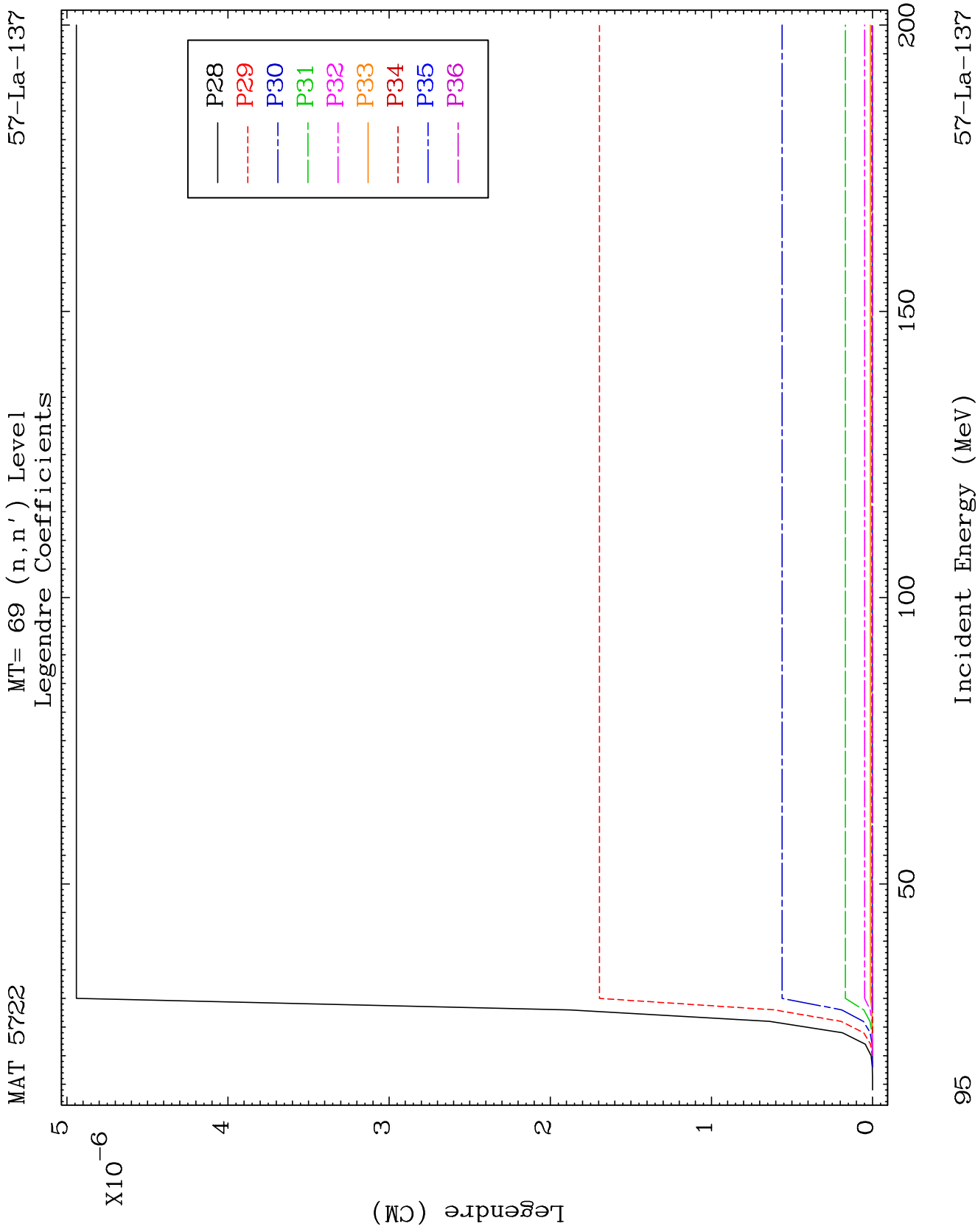
57-La-137







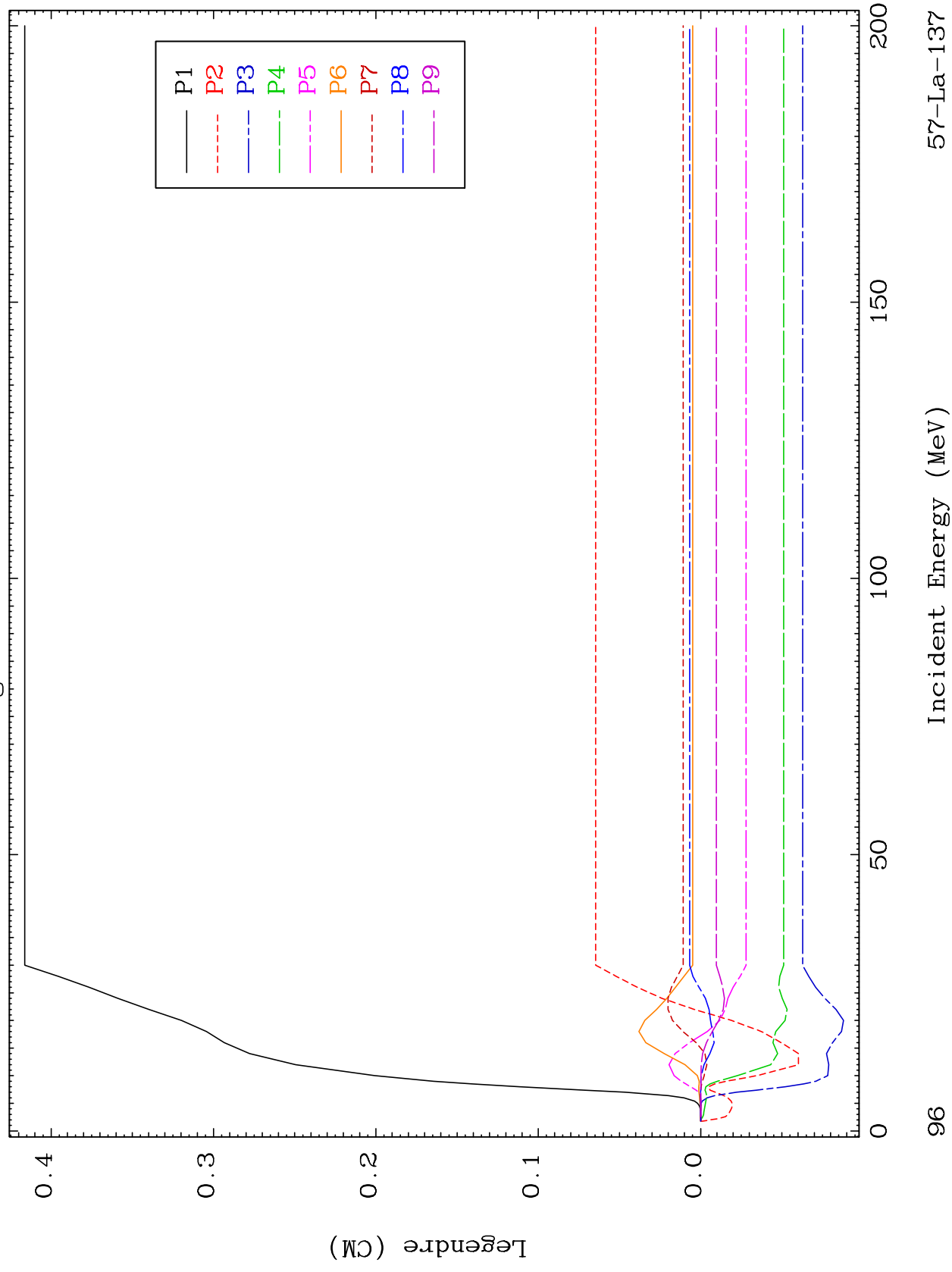




MAT 5722

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

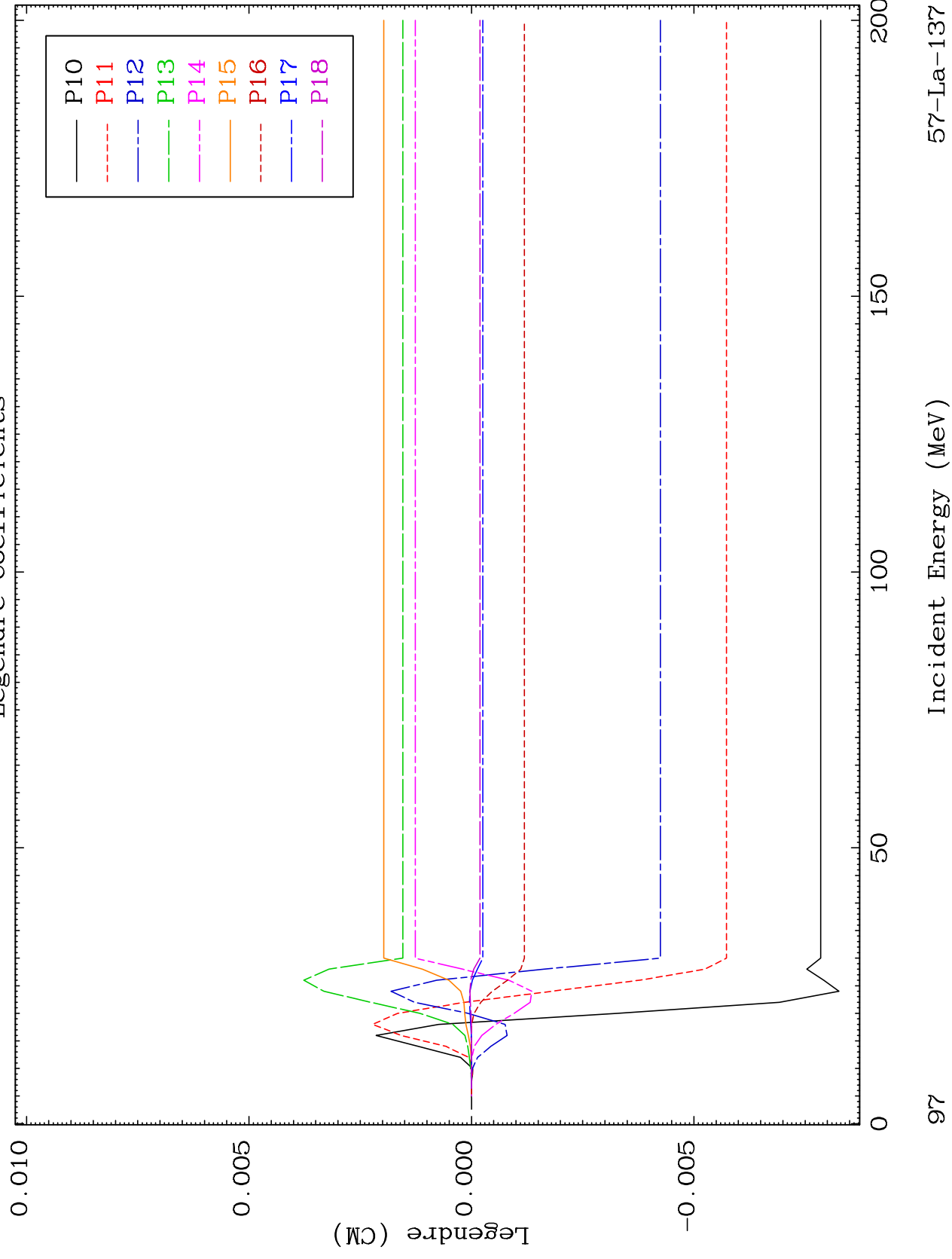
57-La-137



MAT 5722

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

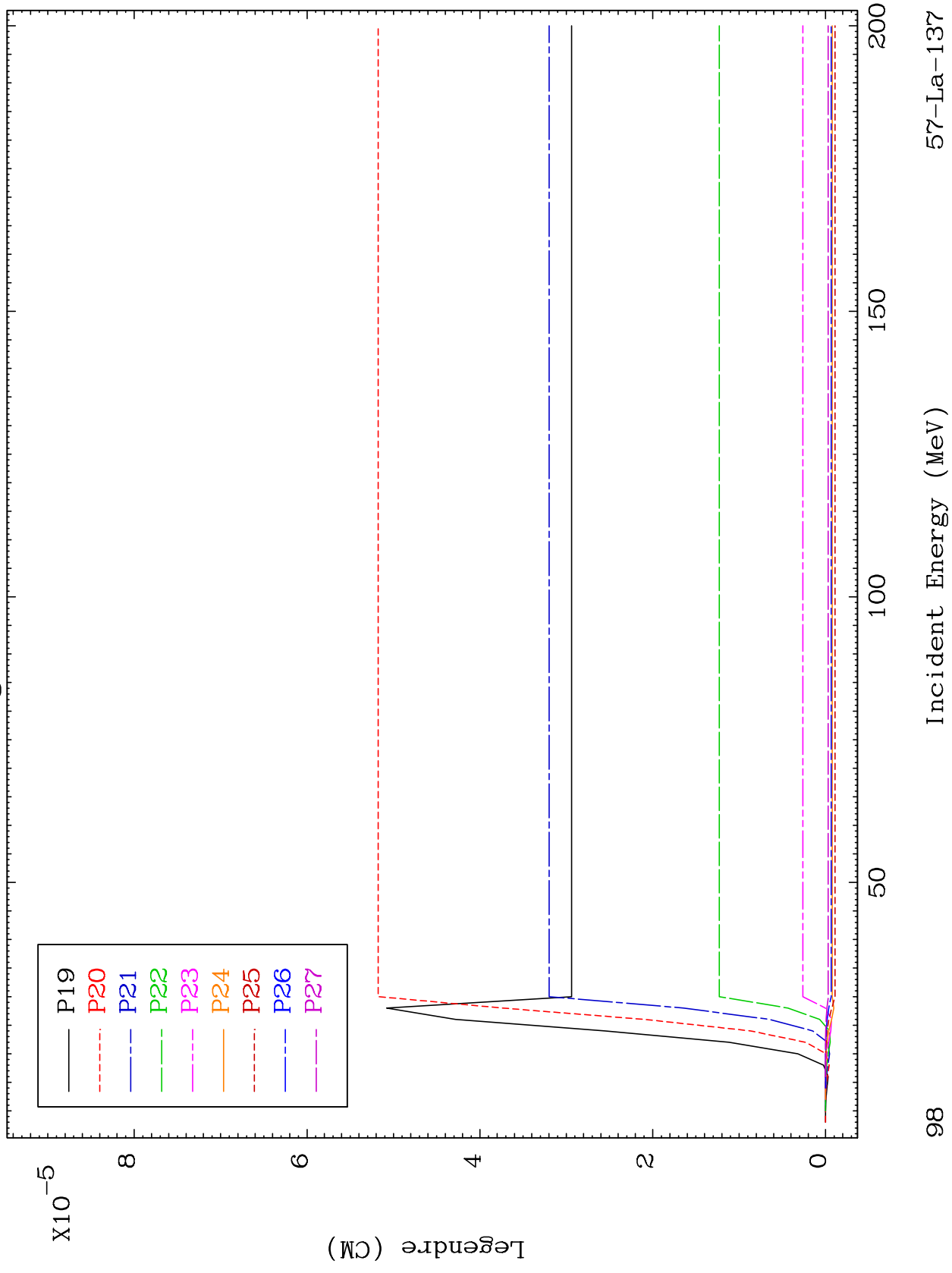
57-La-137

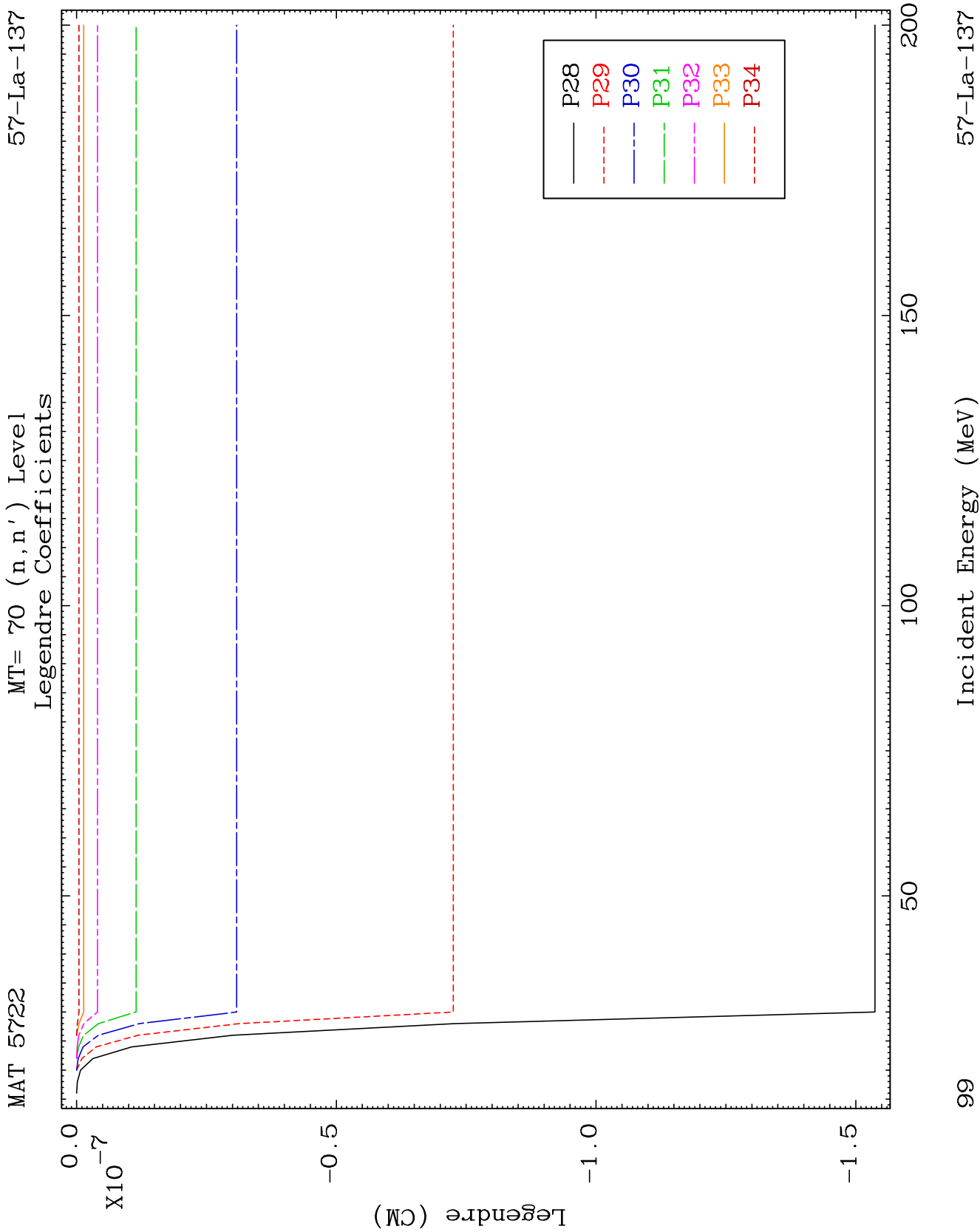


MAT 5722

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

57-La-137

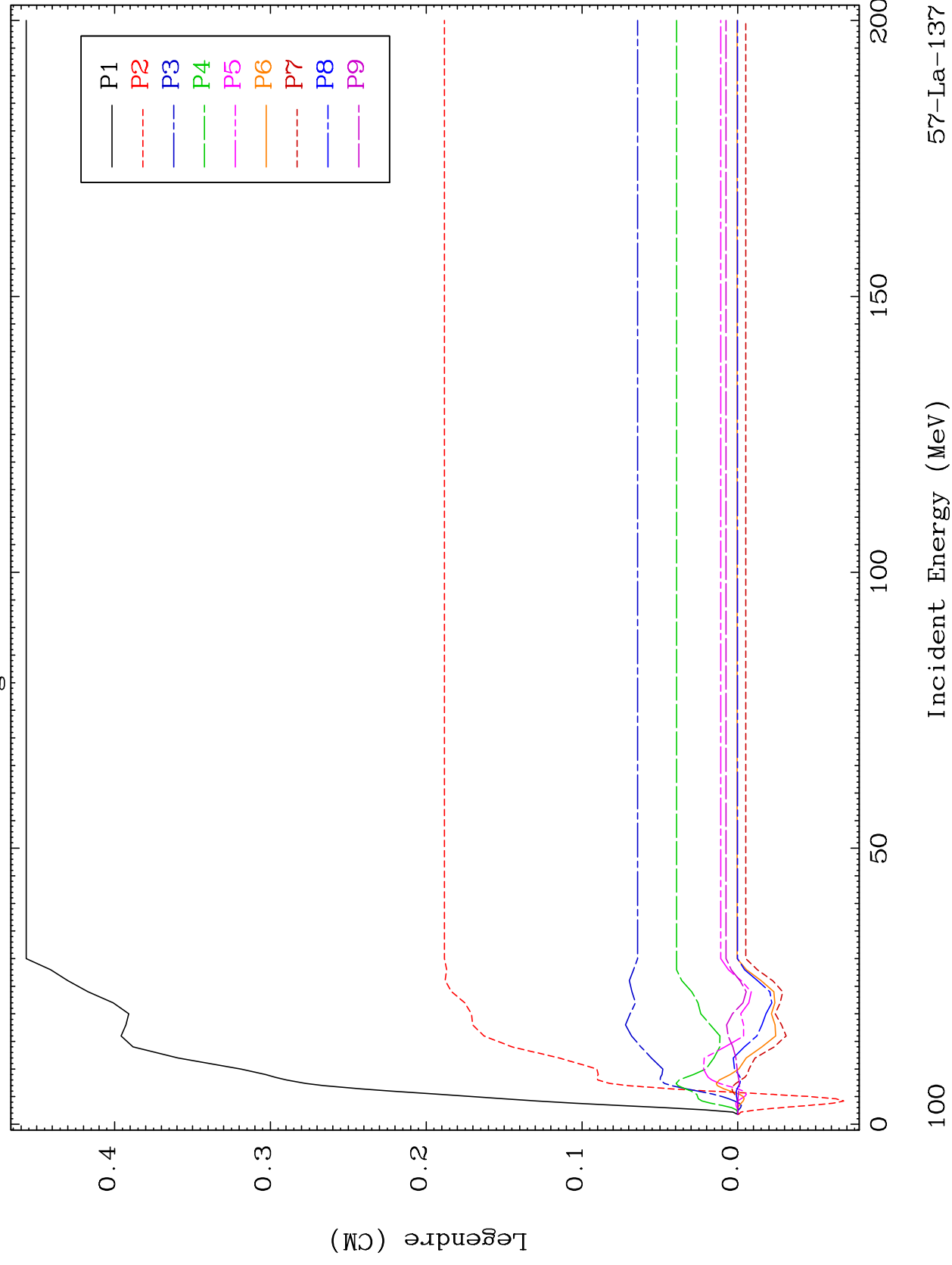




MAT 5722

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

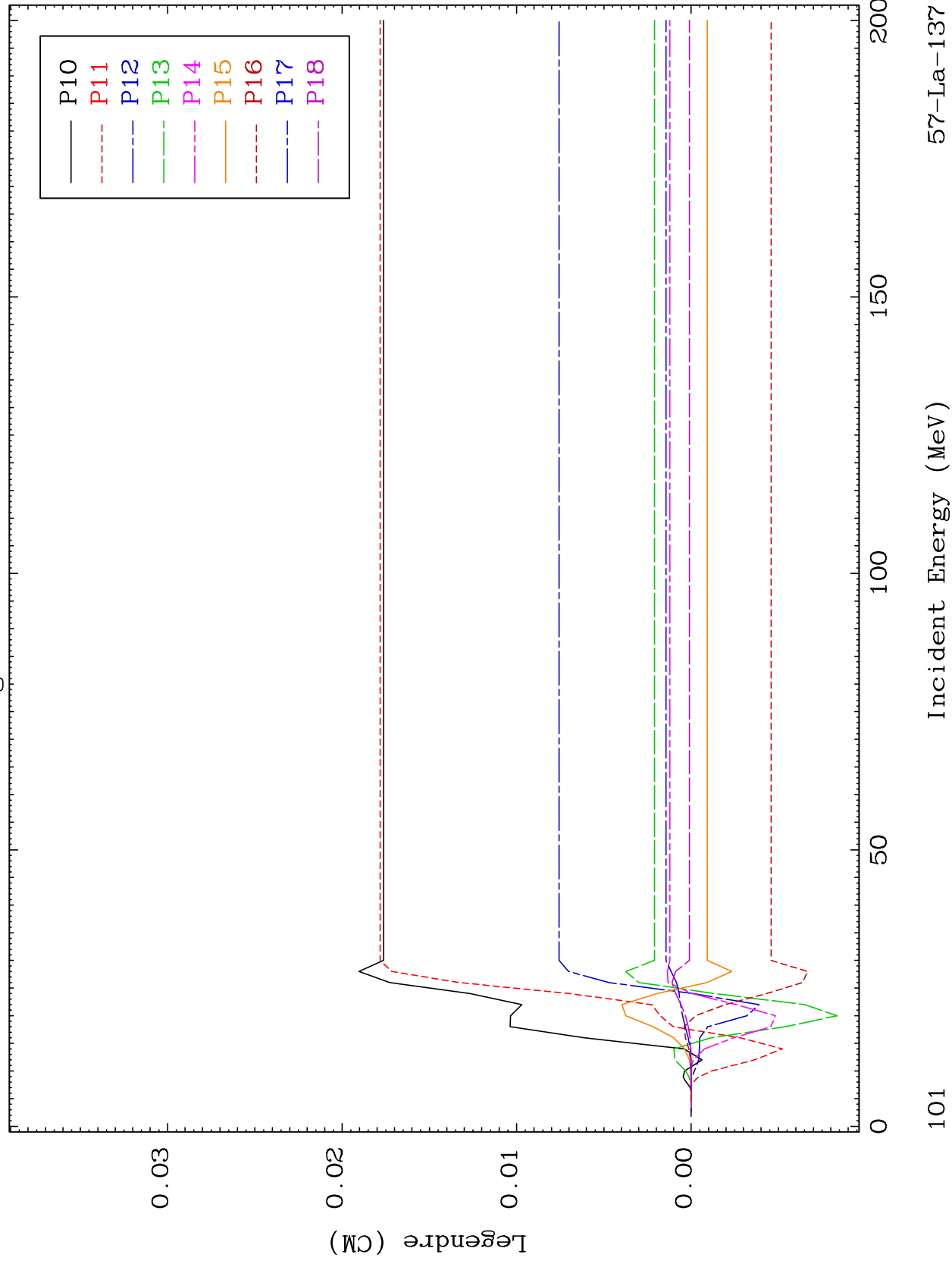
57-La-137



MAT 5722

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

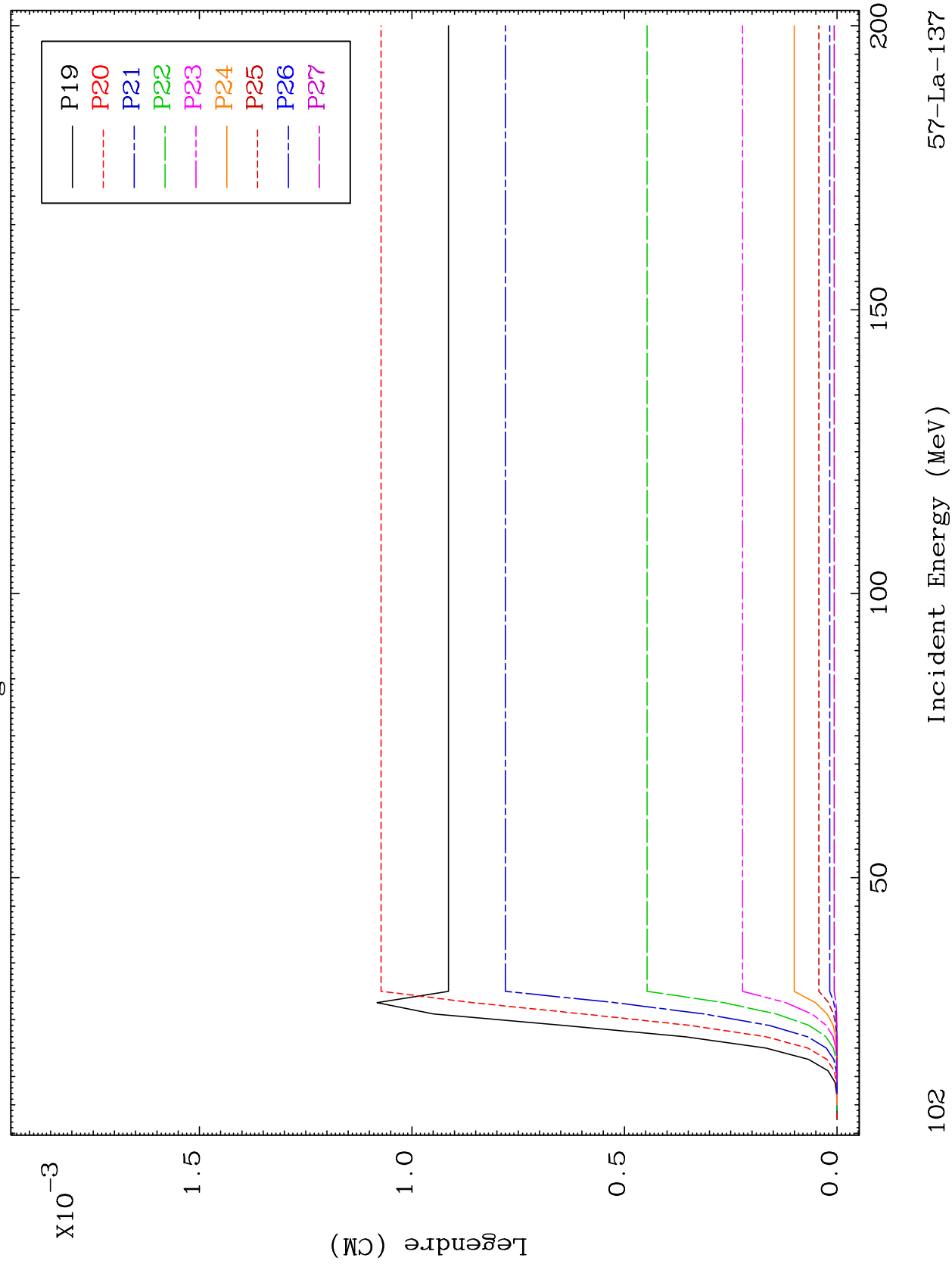
57-La-137

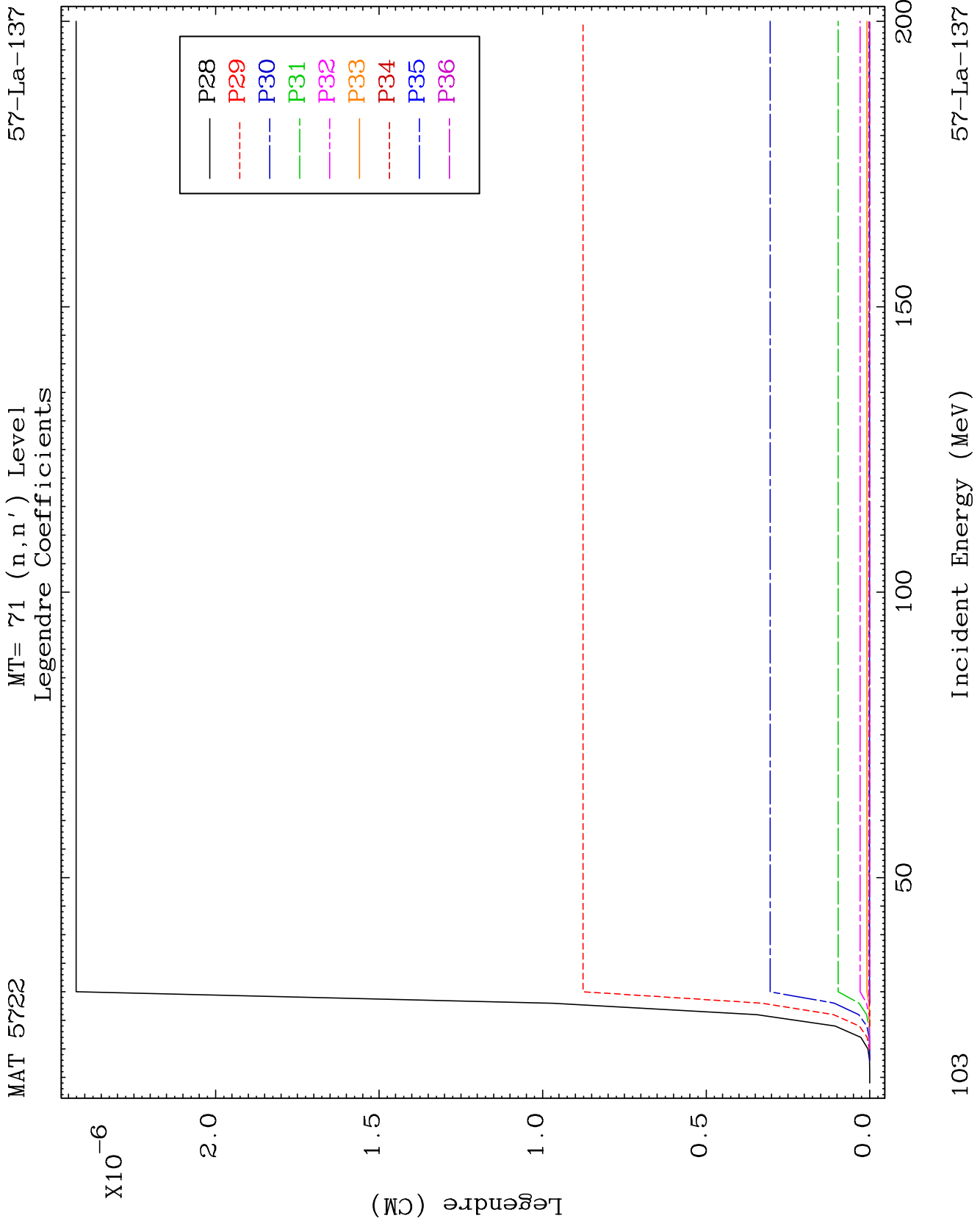


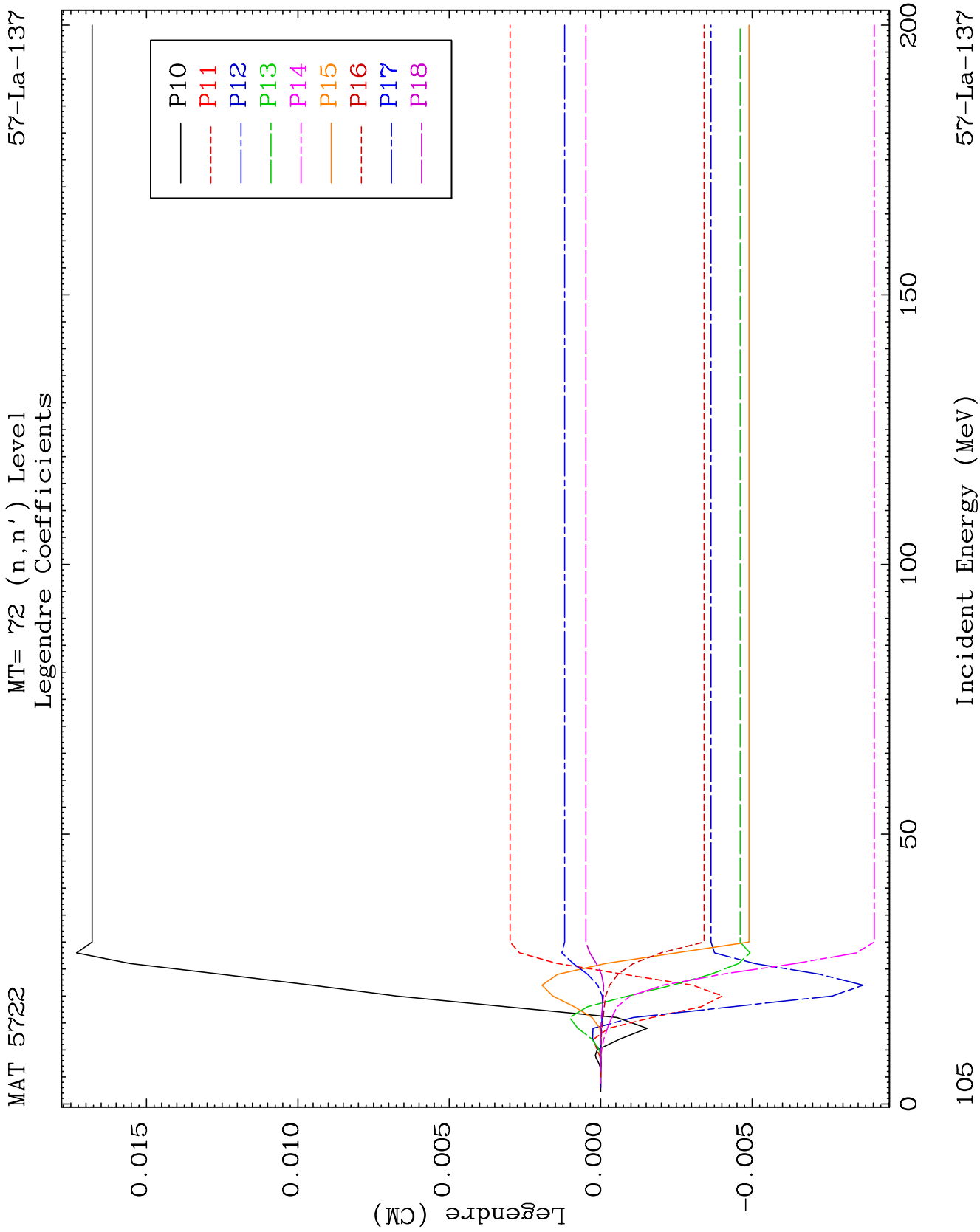
MAT 5722

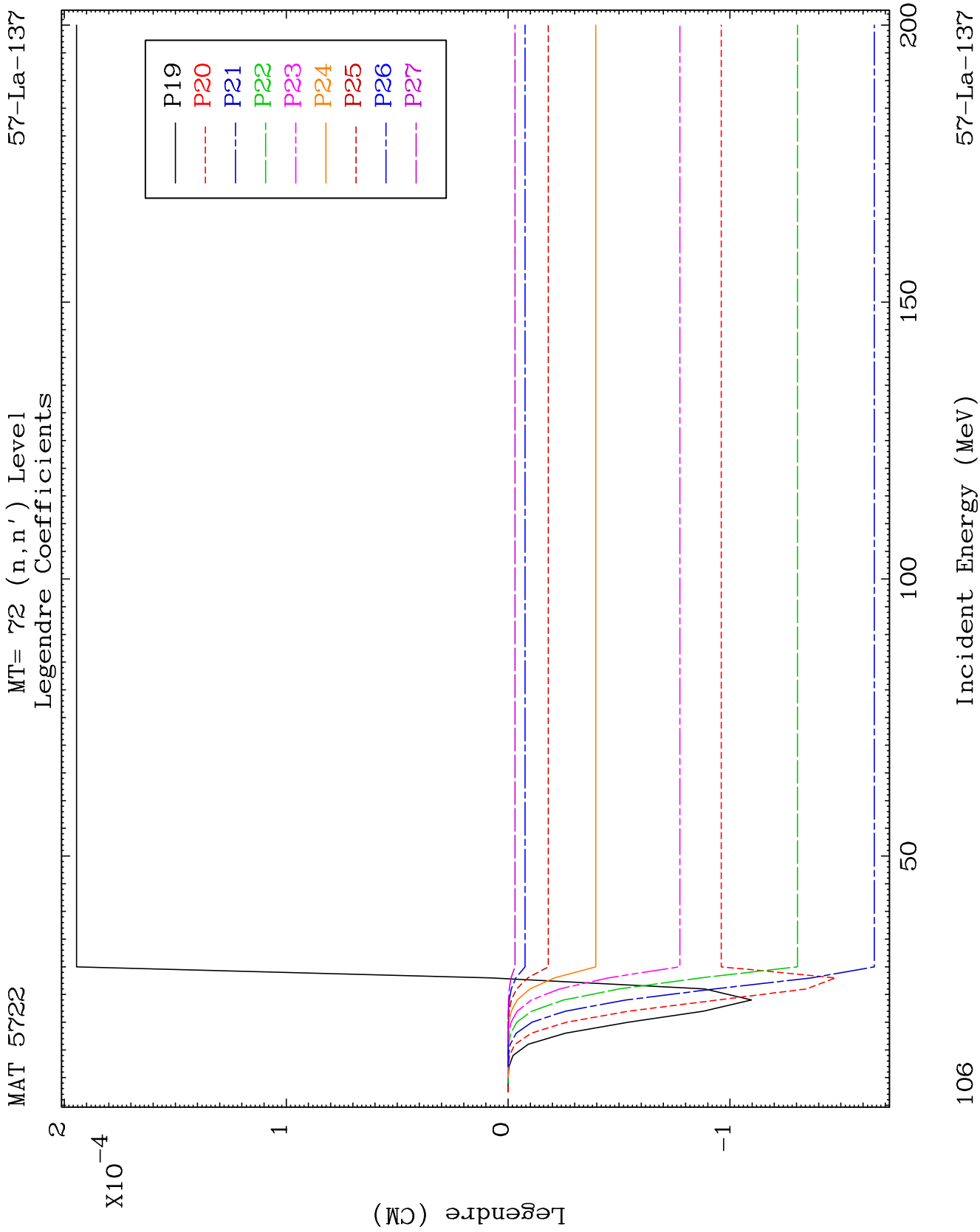
MT= 71 (n, n') Level
Legendre Coefficients

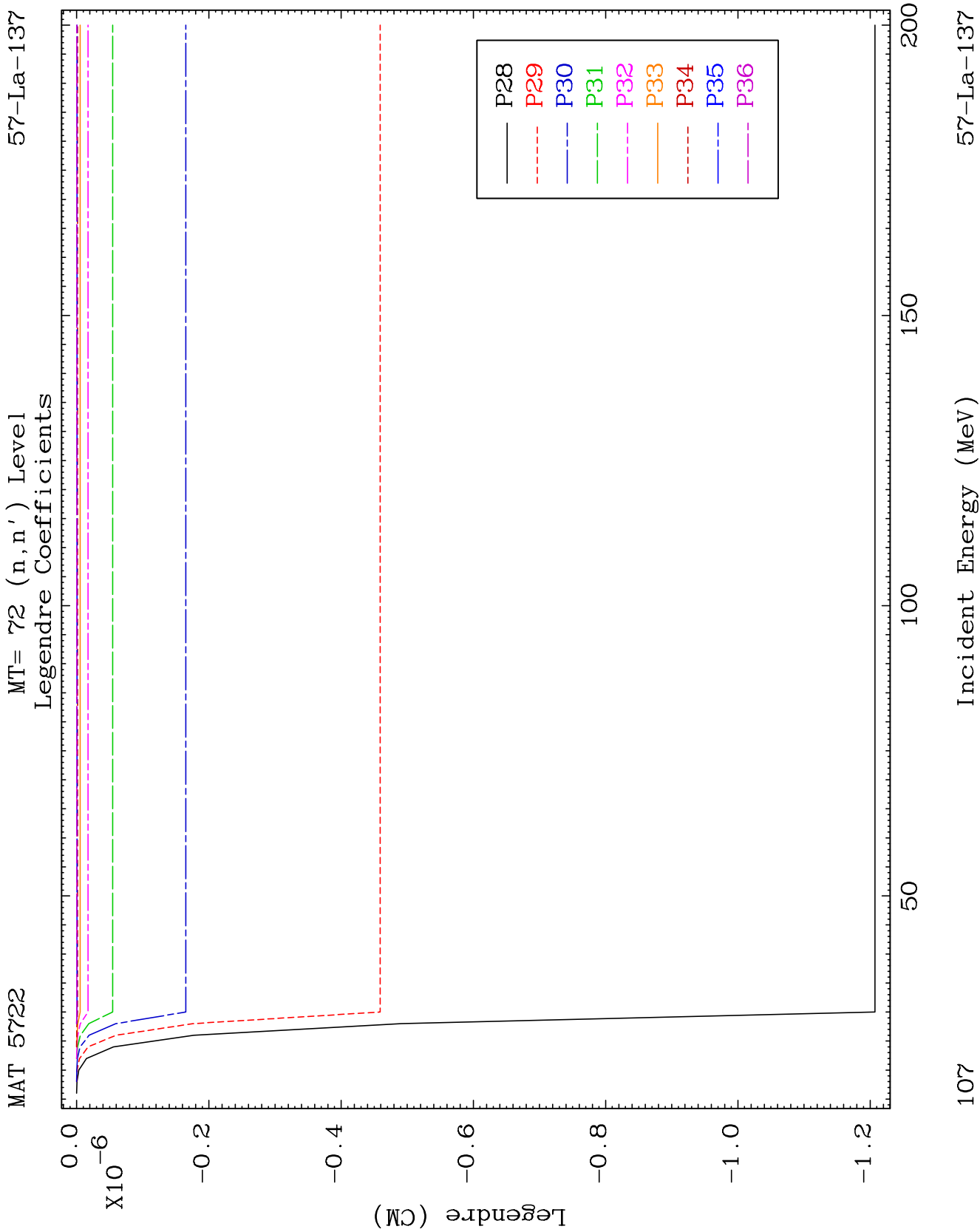
57-La-137







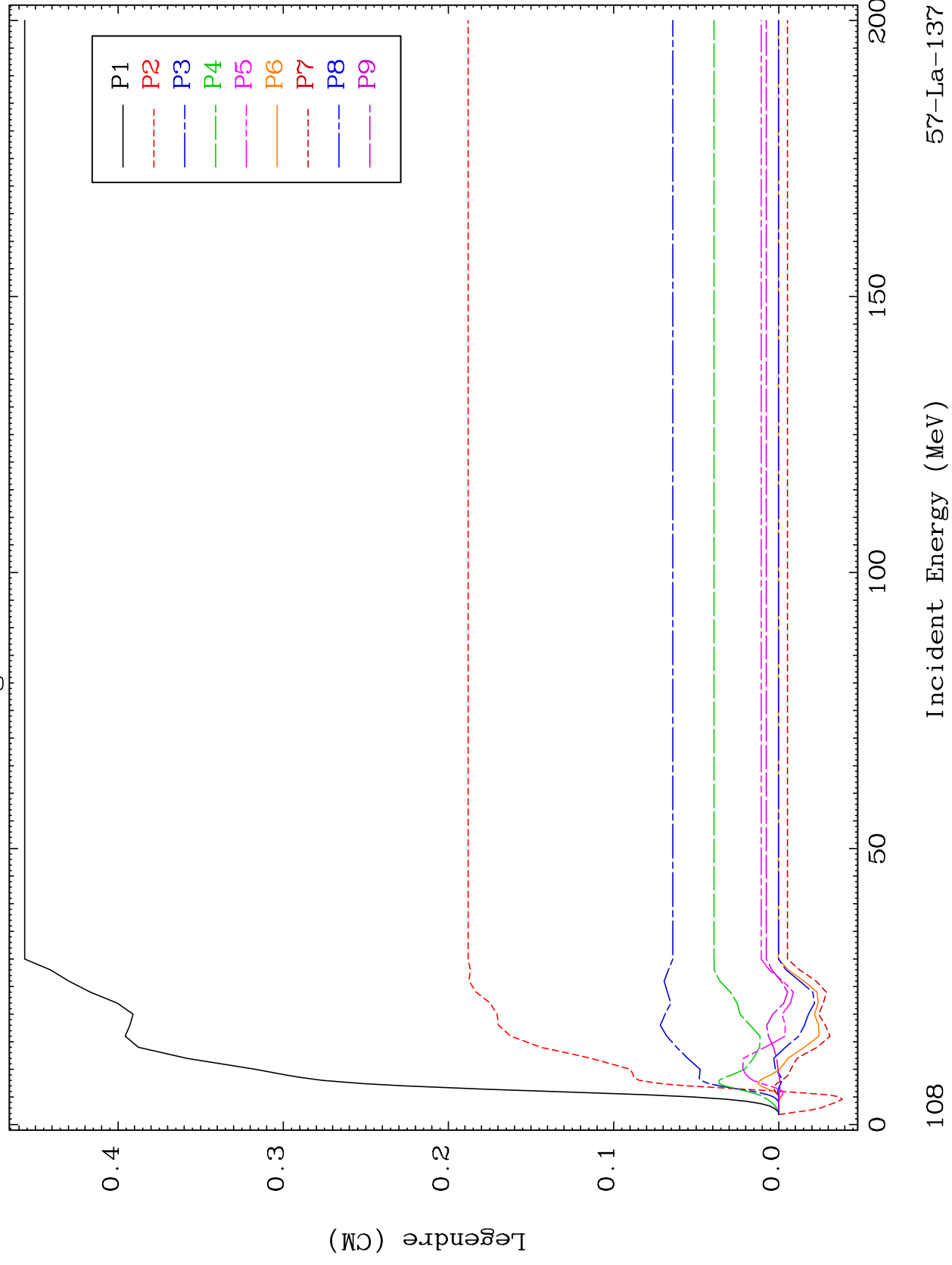




MAT 5722

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

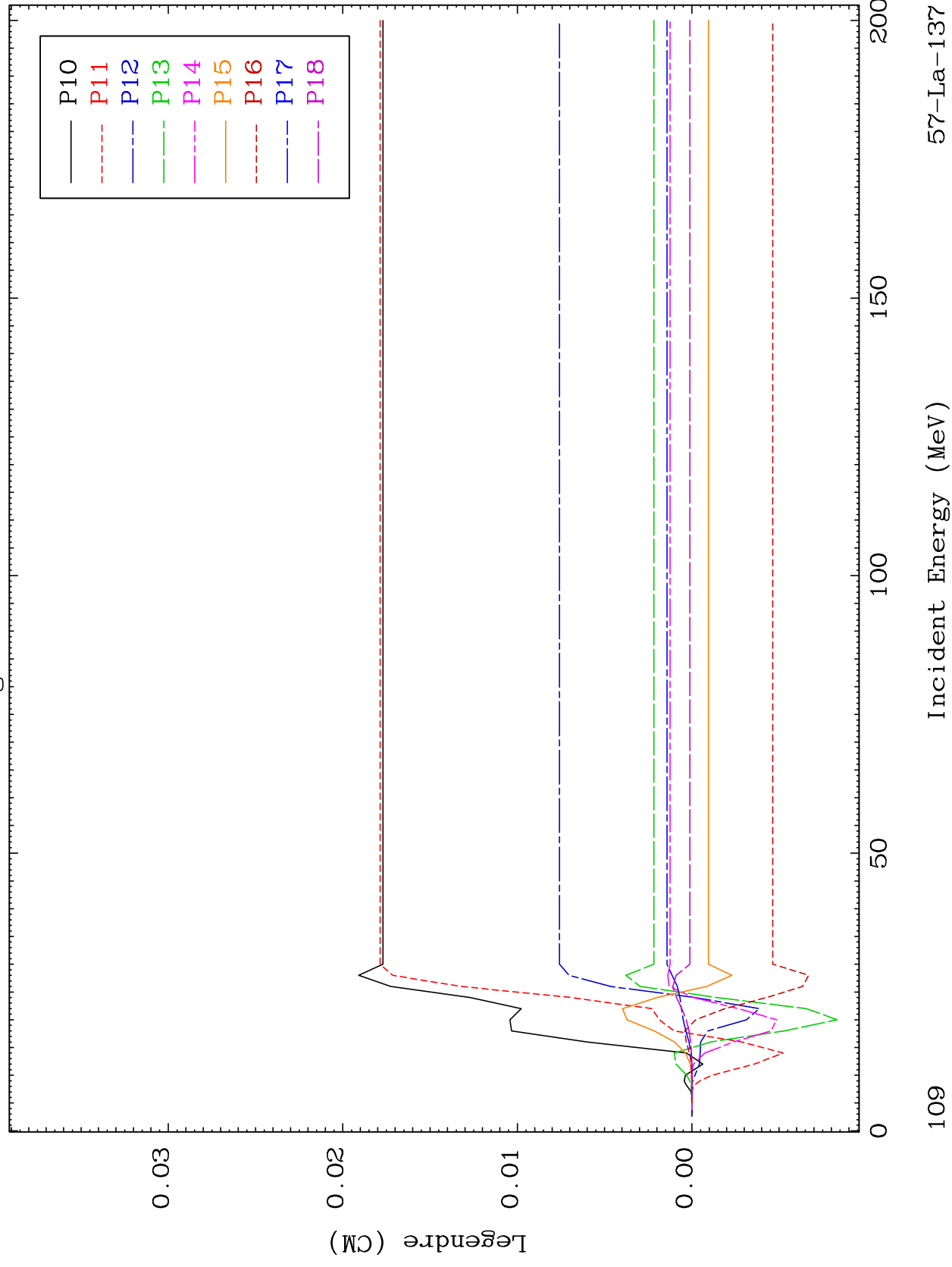
57-La-137



MAT 5722

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

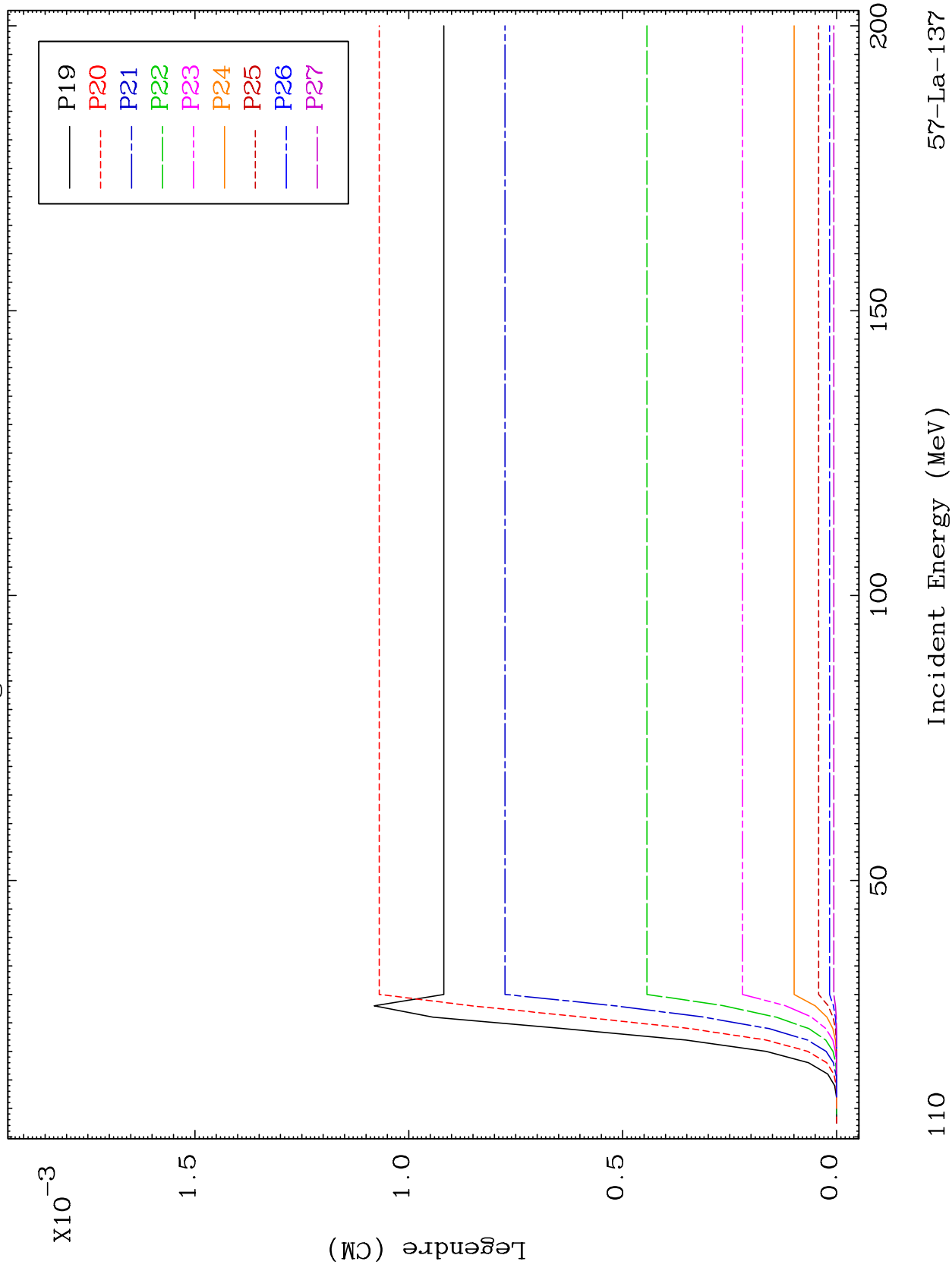
57-La-137

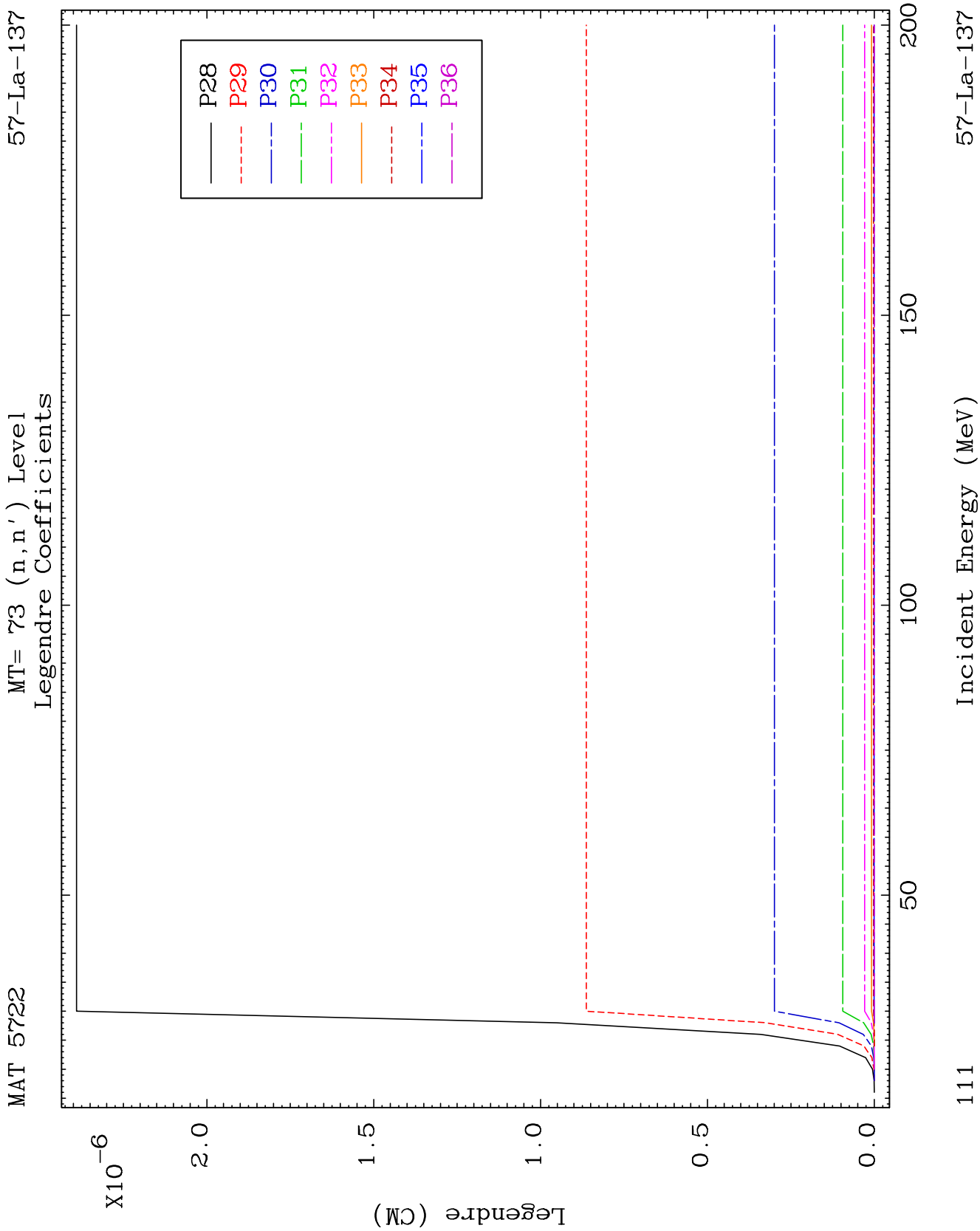


MAT 5722

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

57-La-137

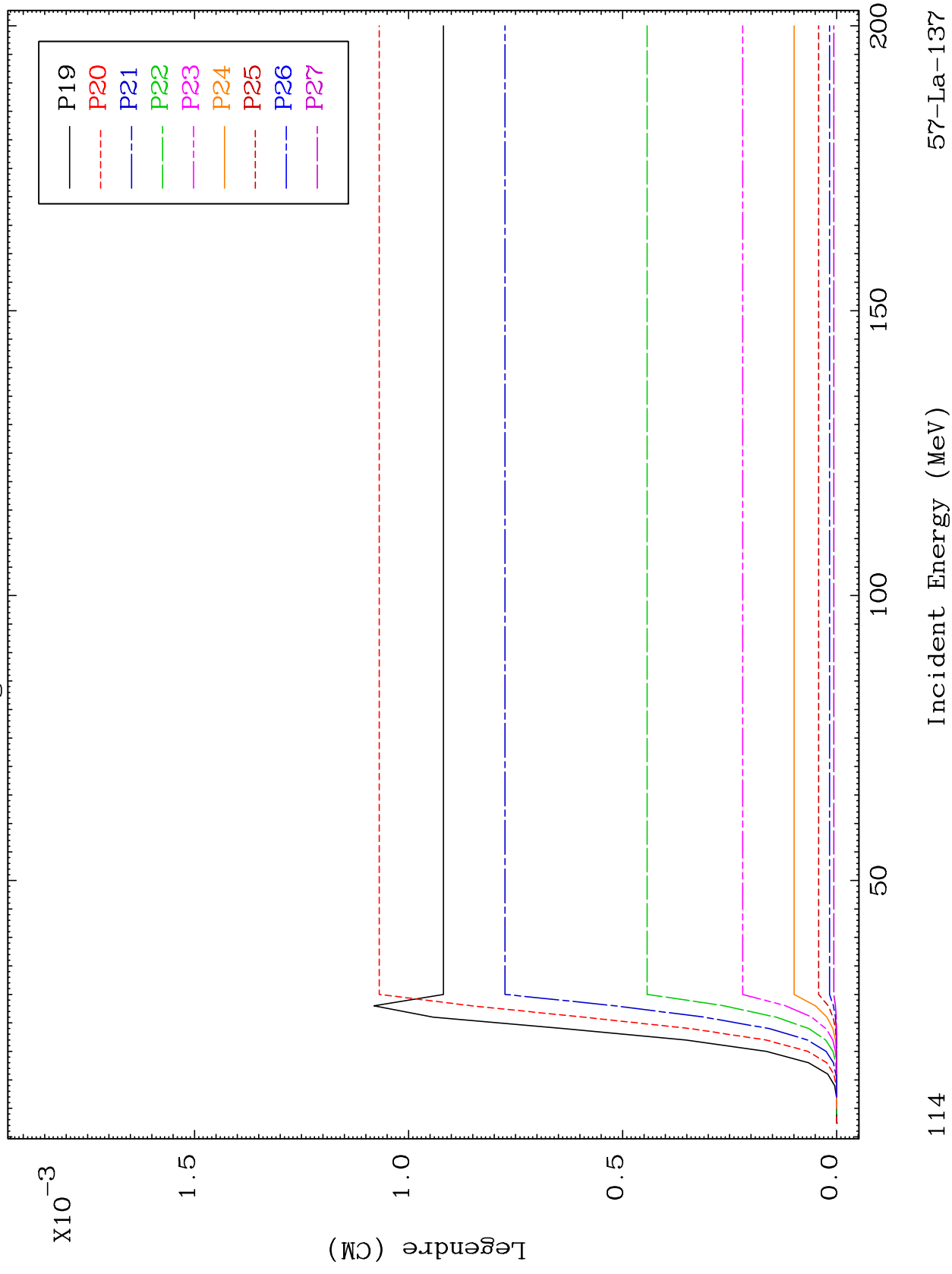




MAT 5722

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

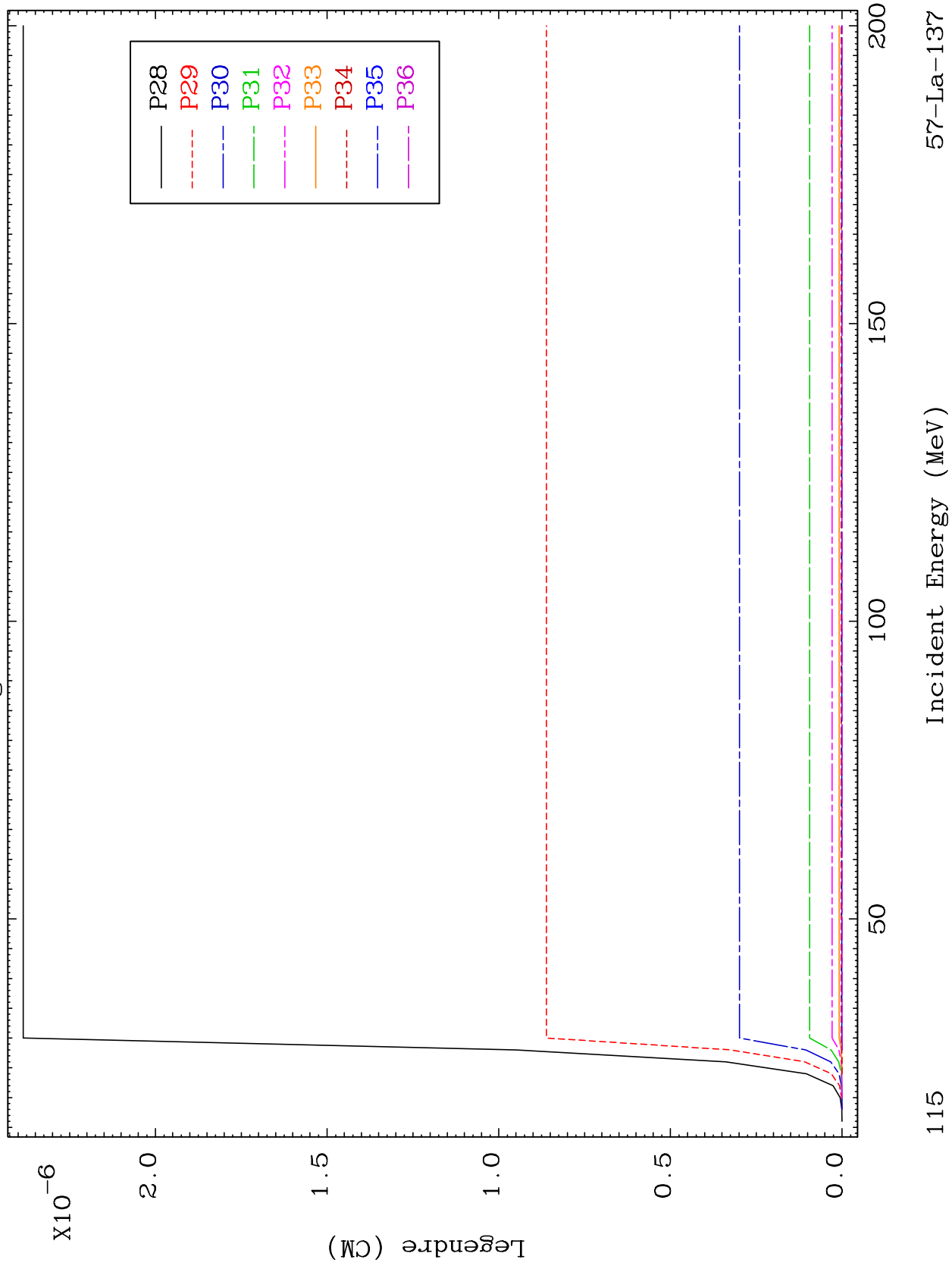
57-La-137



MAT 5722

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

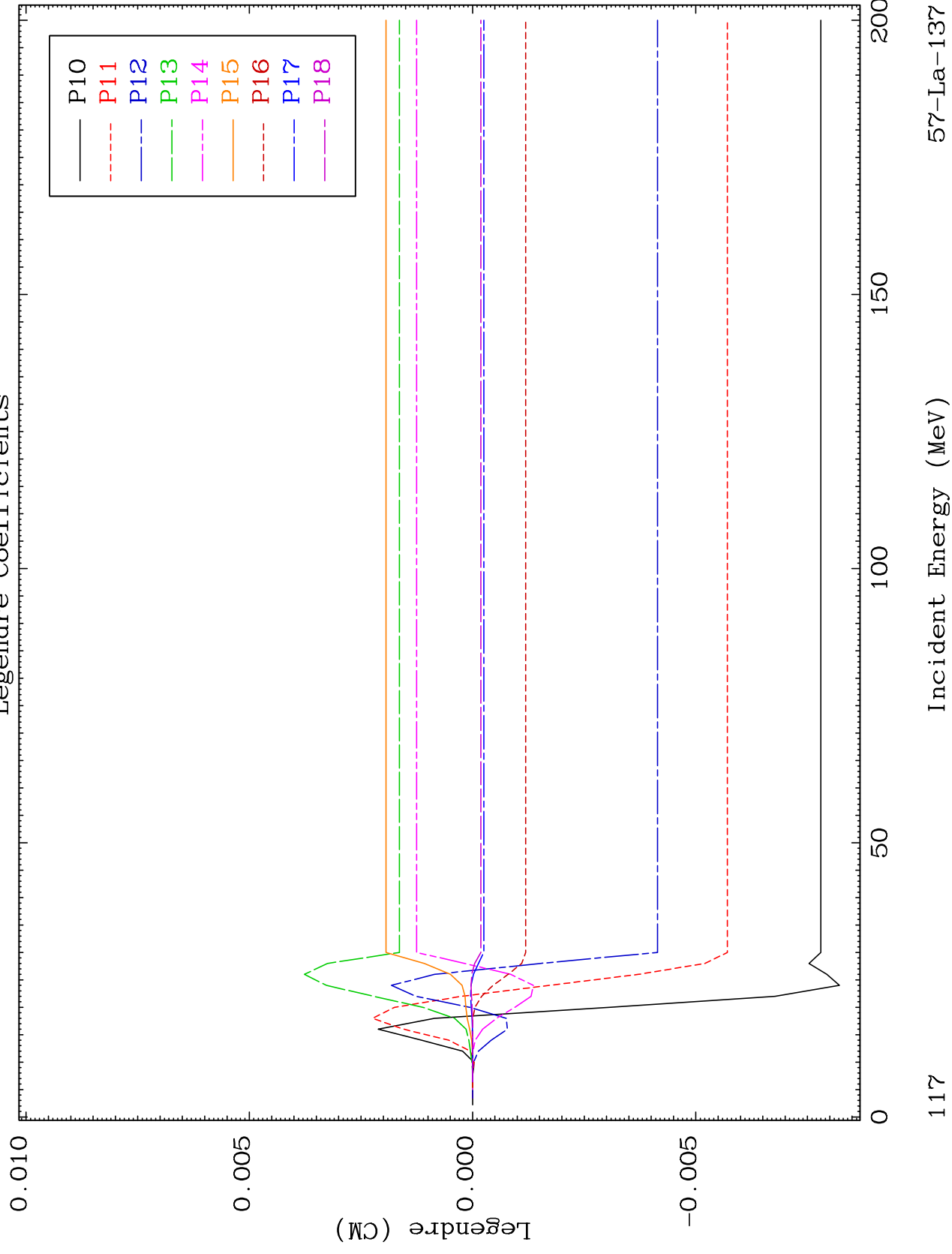
57-La-137

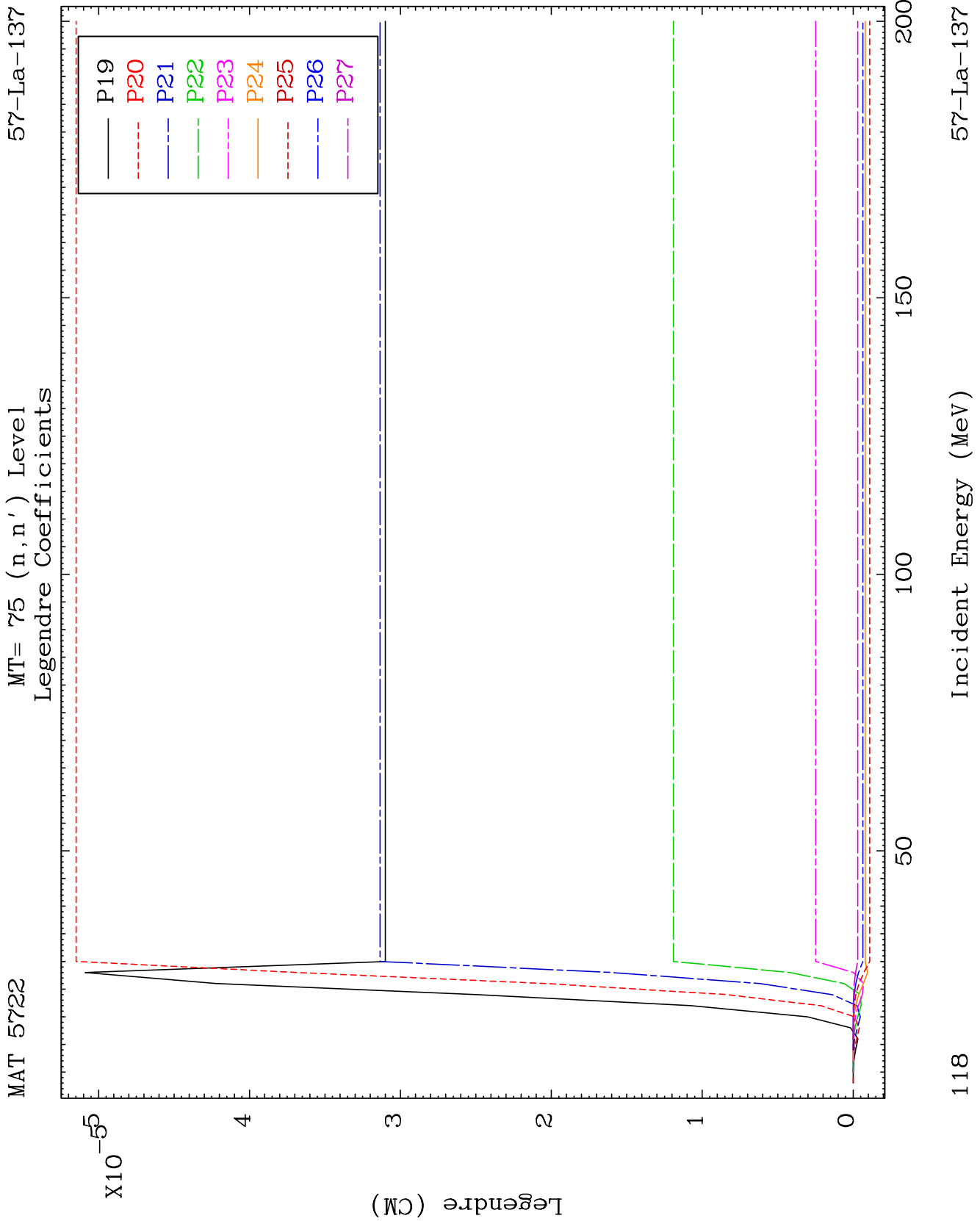


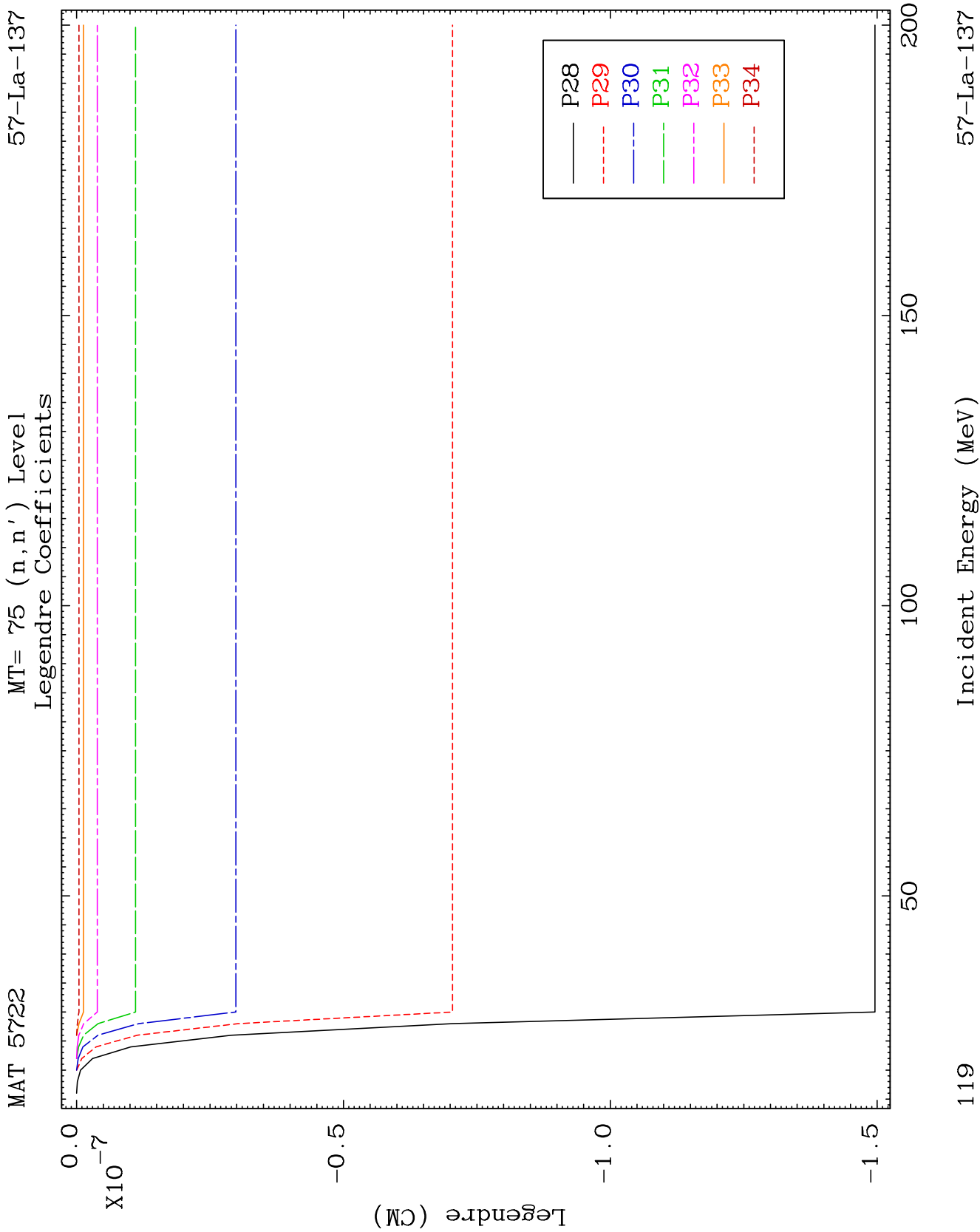
MAT 5722

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

57-La-137



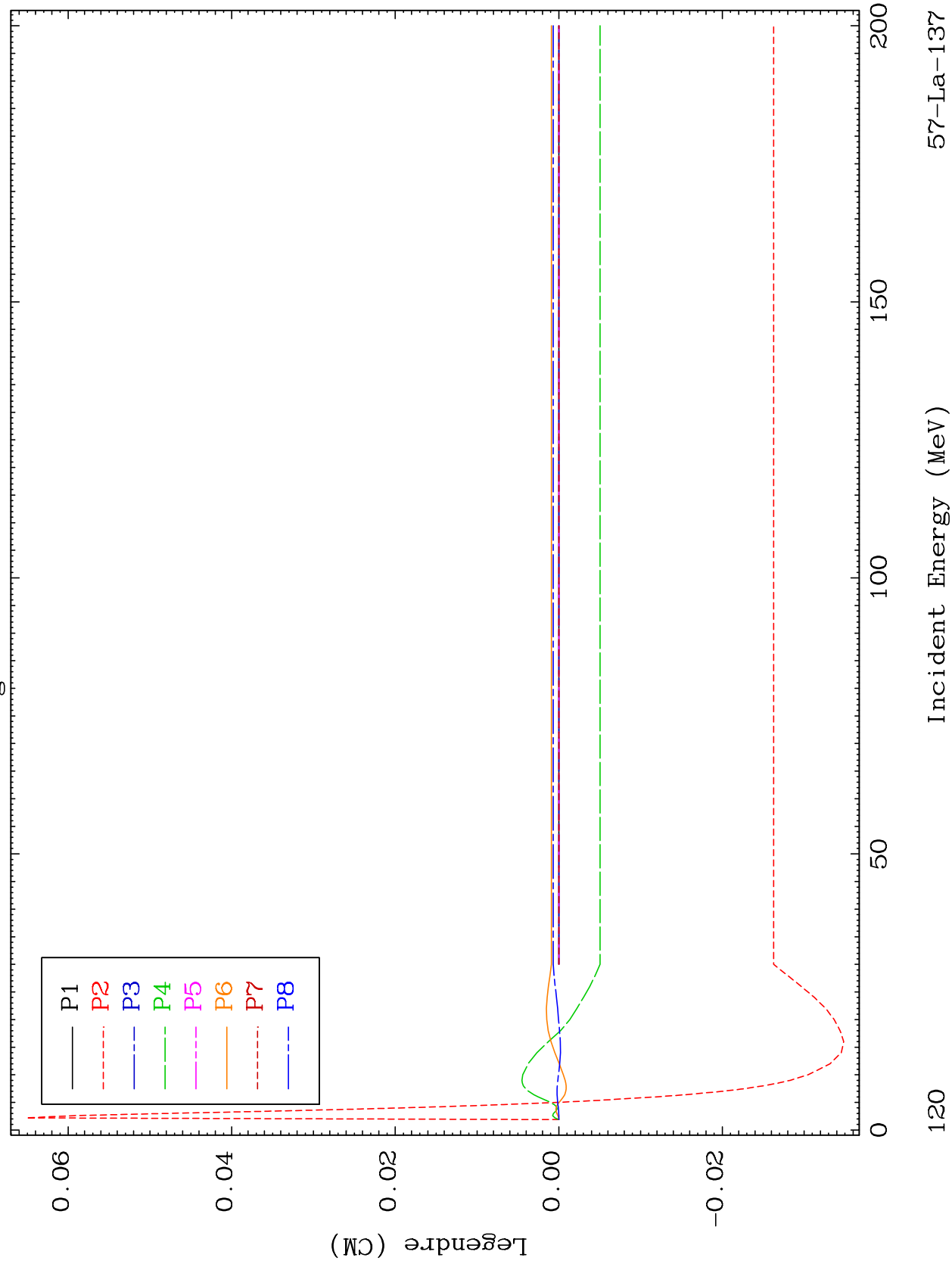




MAT 5722

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

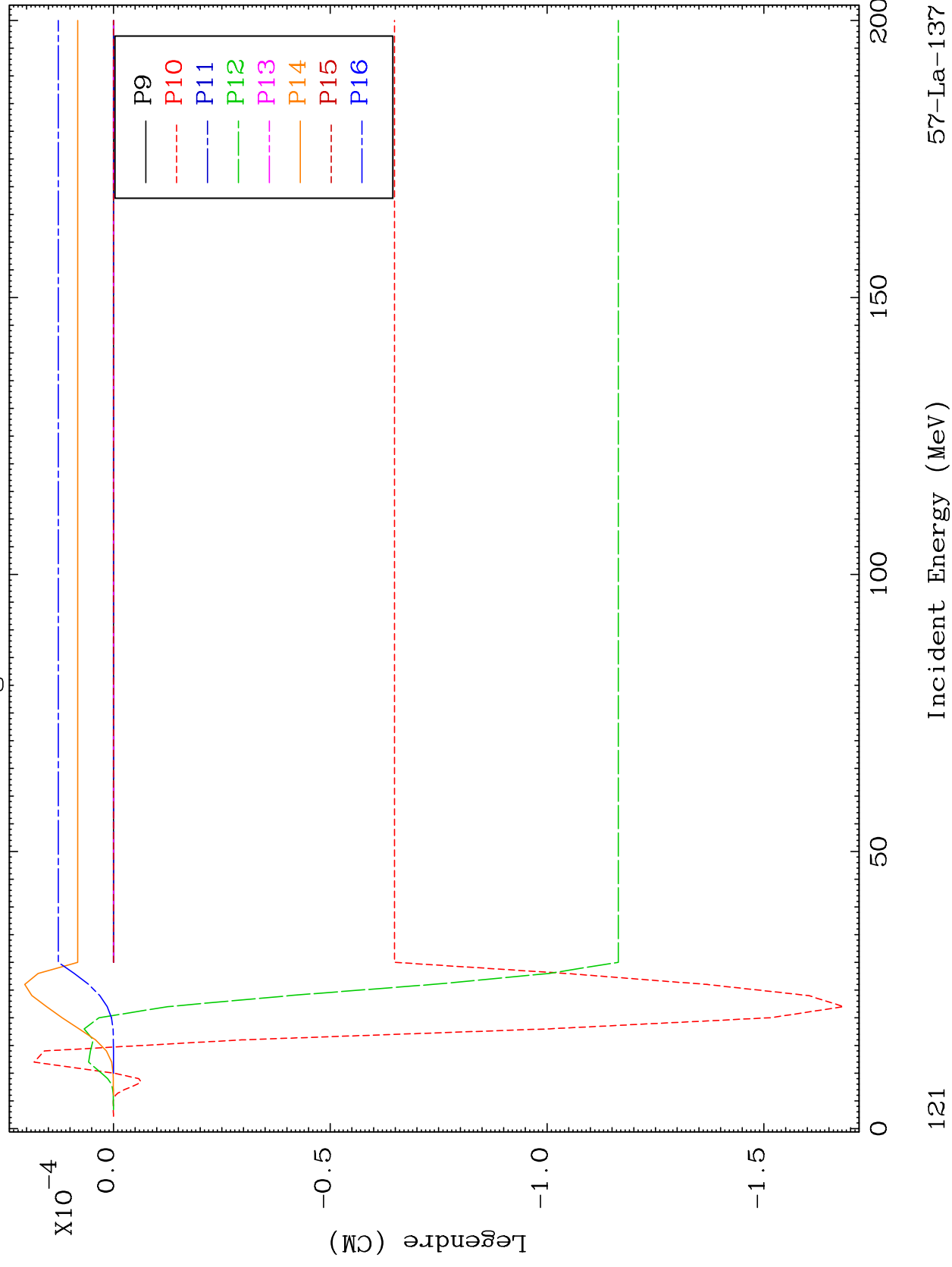
57-La-137

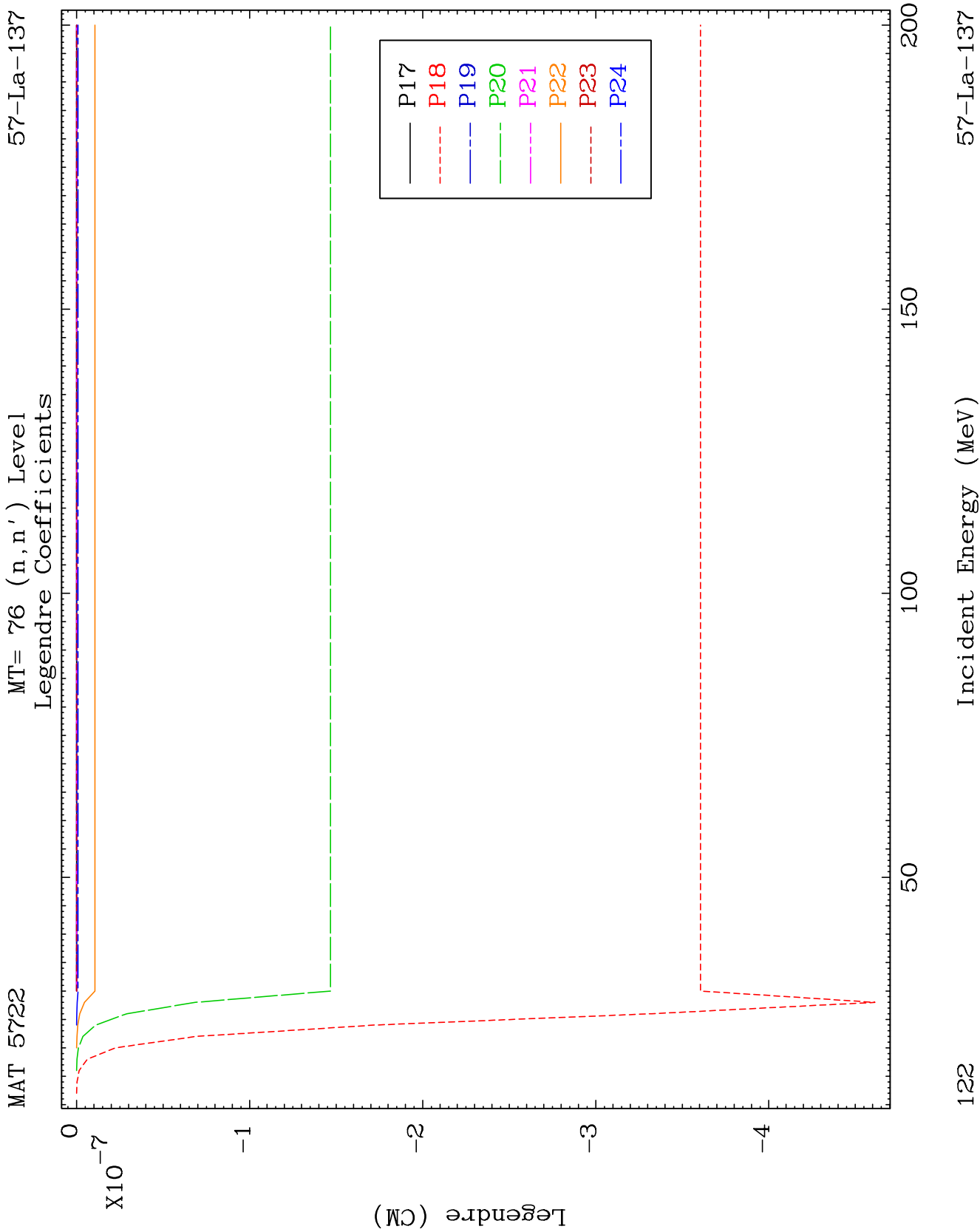


MAT 5722

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

57-La-137

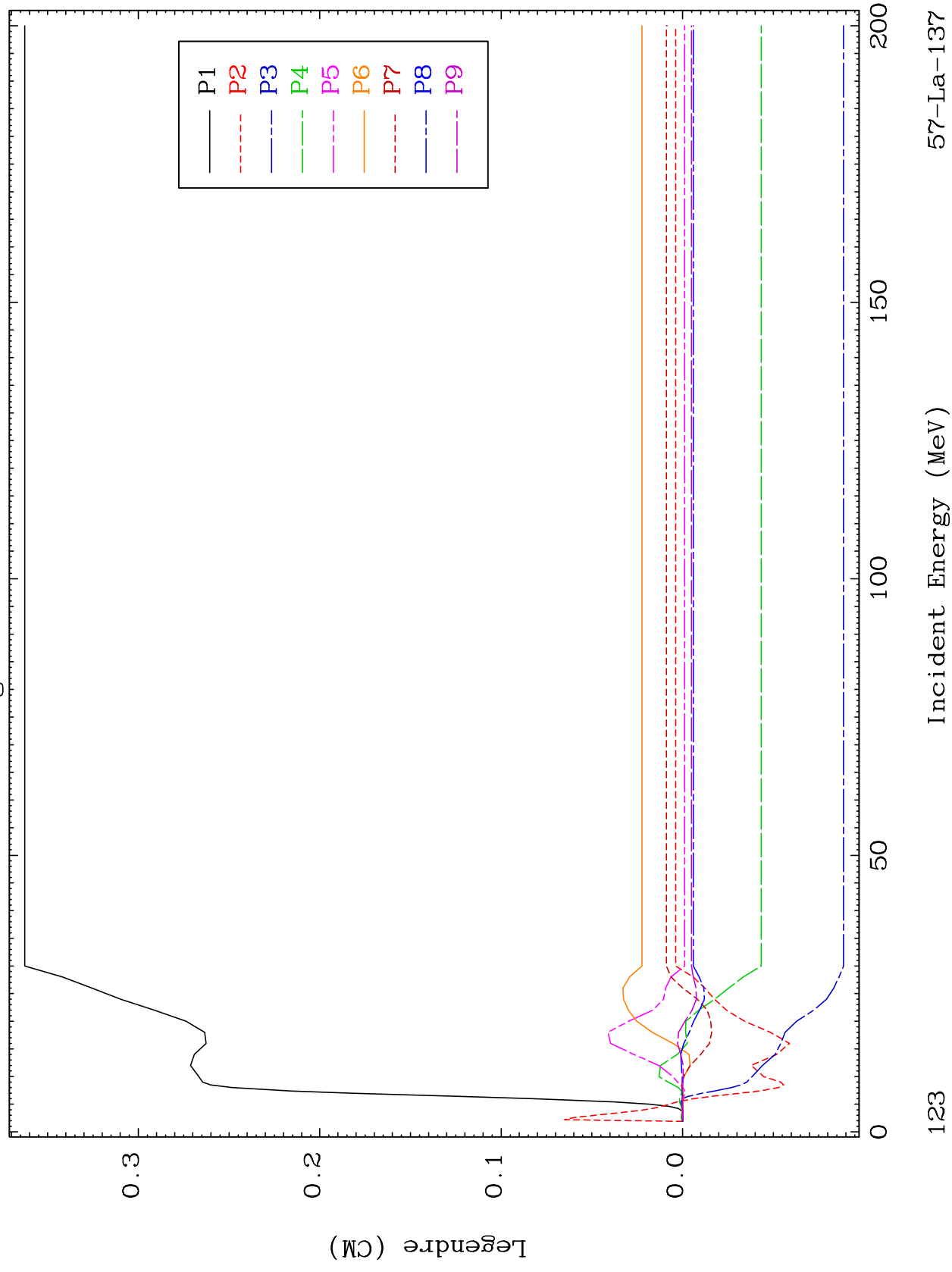


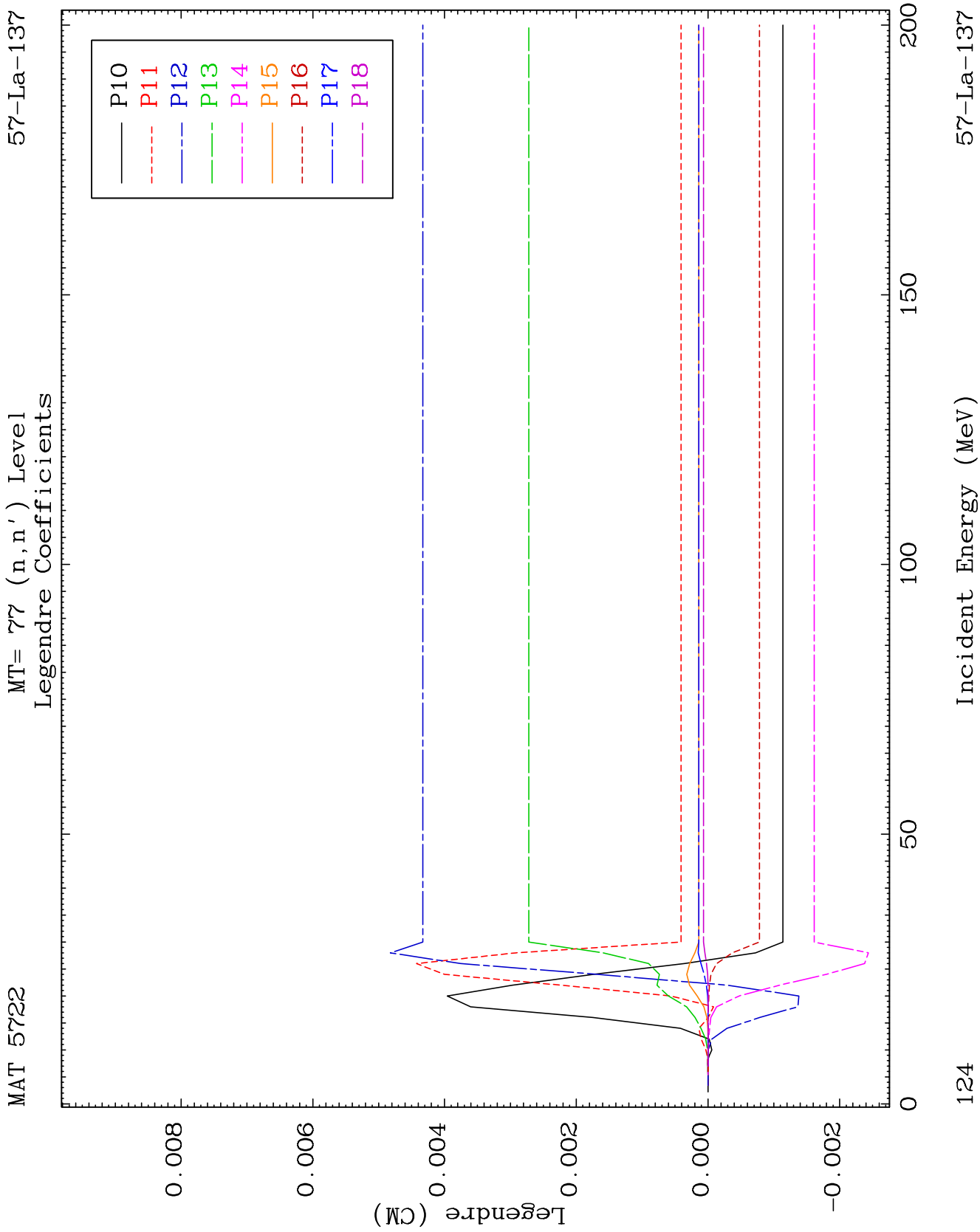


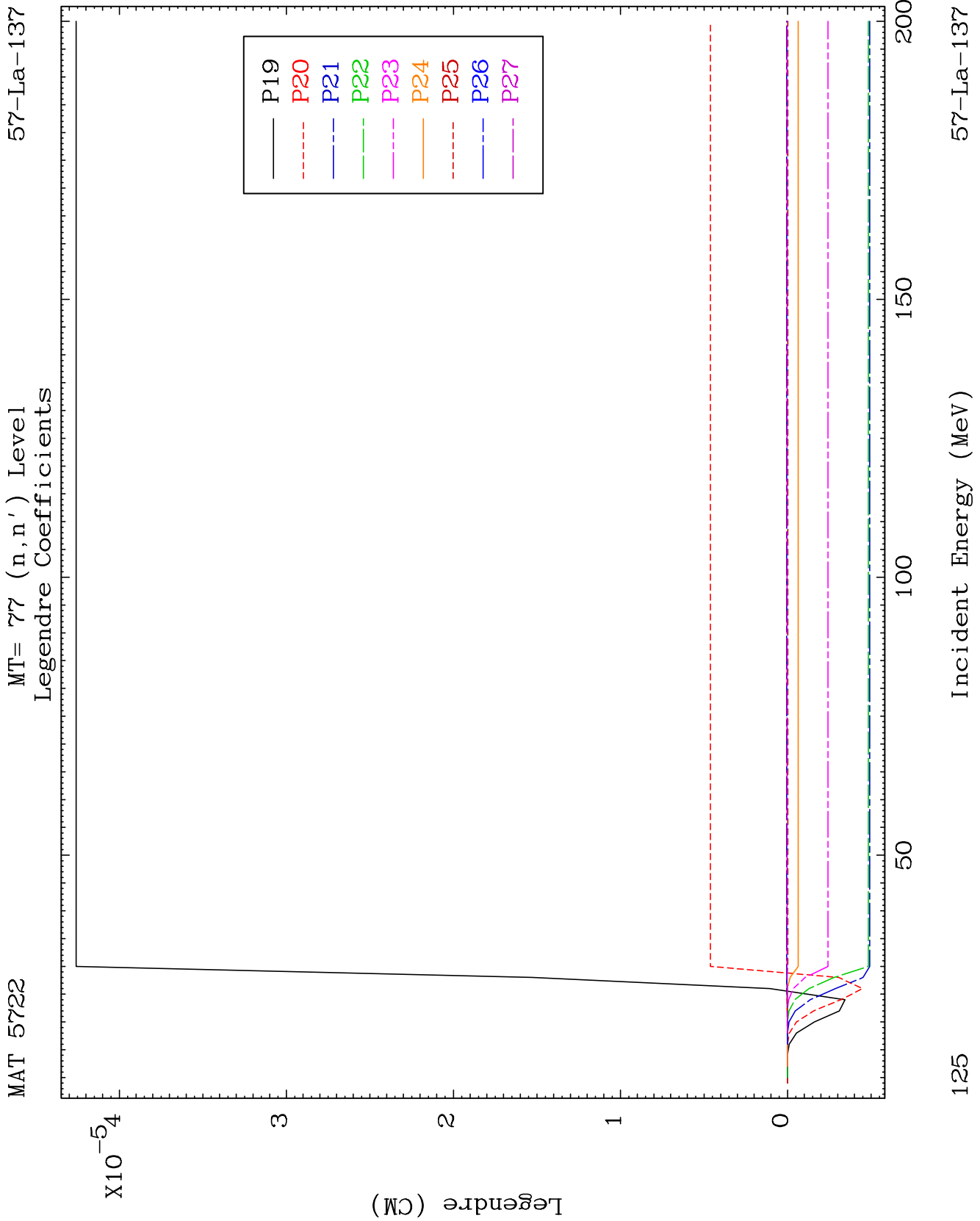
MAT 5722

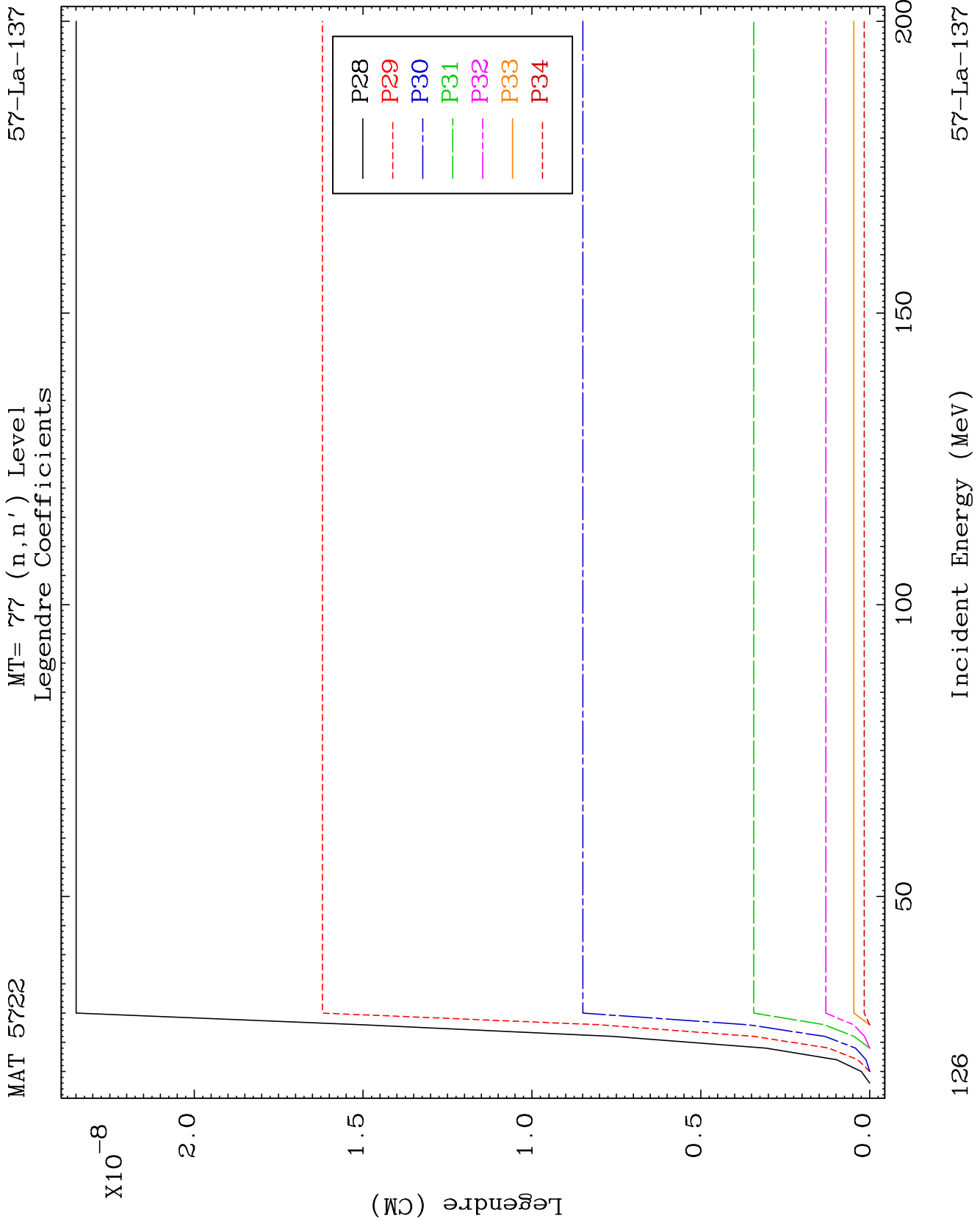
MT= 77 (n, n') Level
Legendre Coefficients

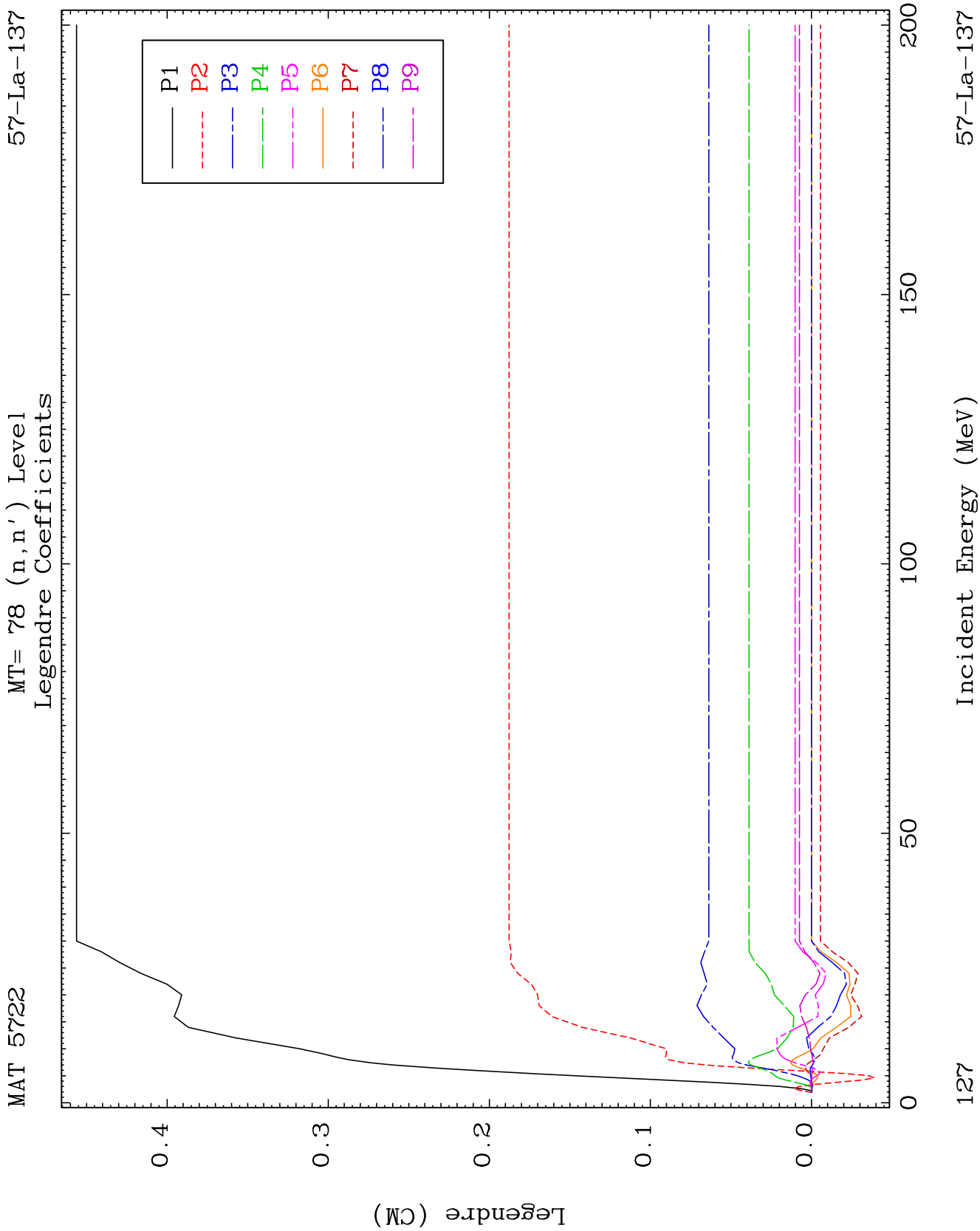
57-La-137







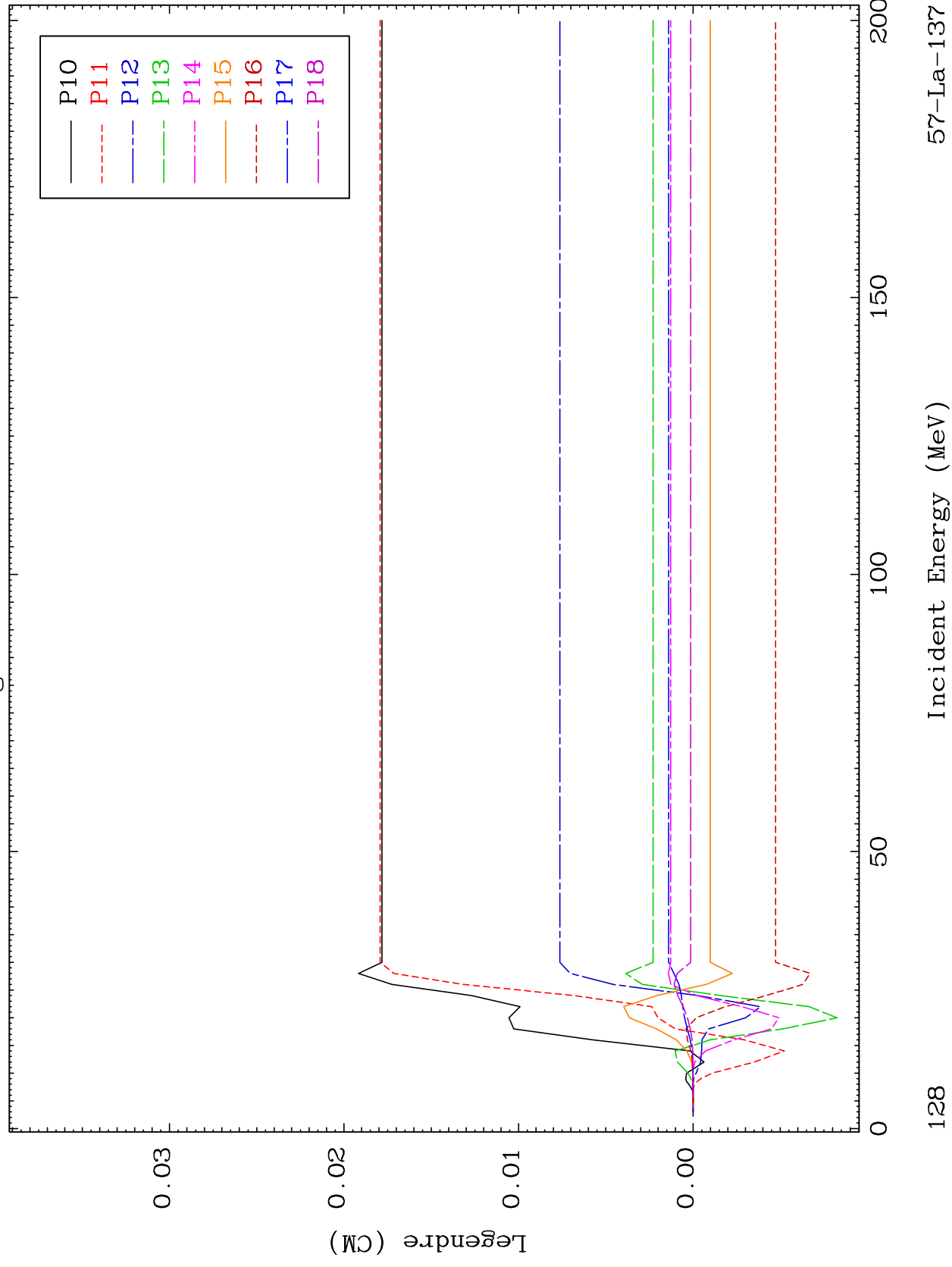


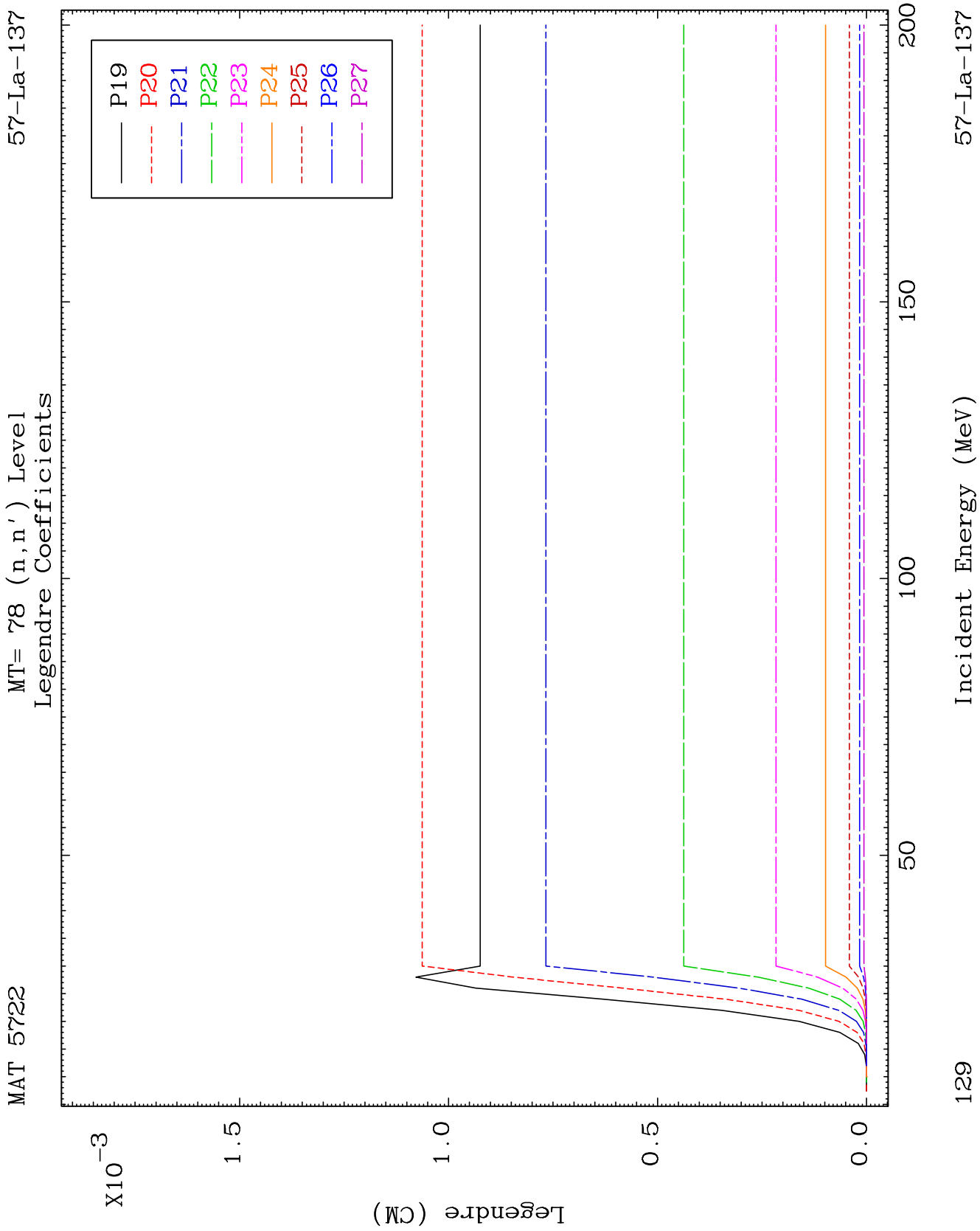


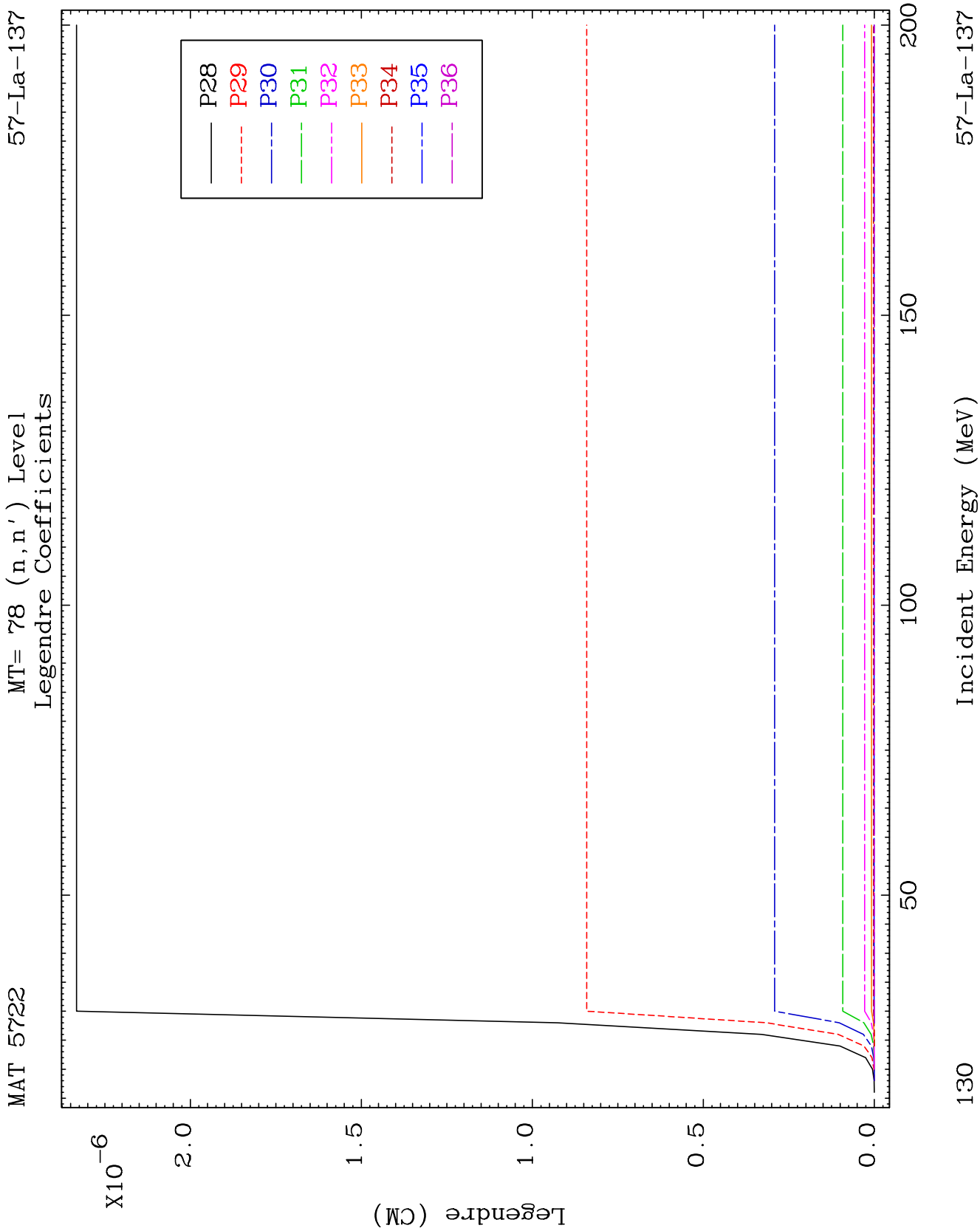
MAT 5722

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

57-La-137



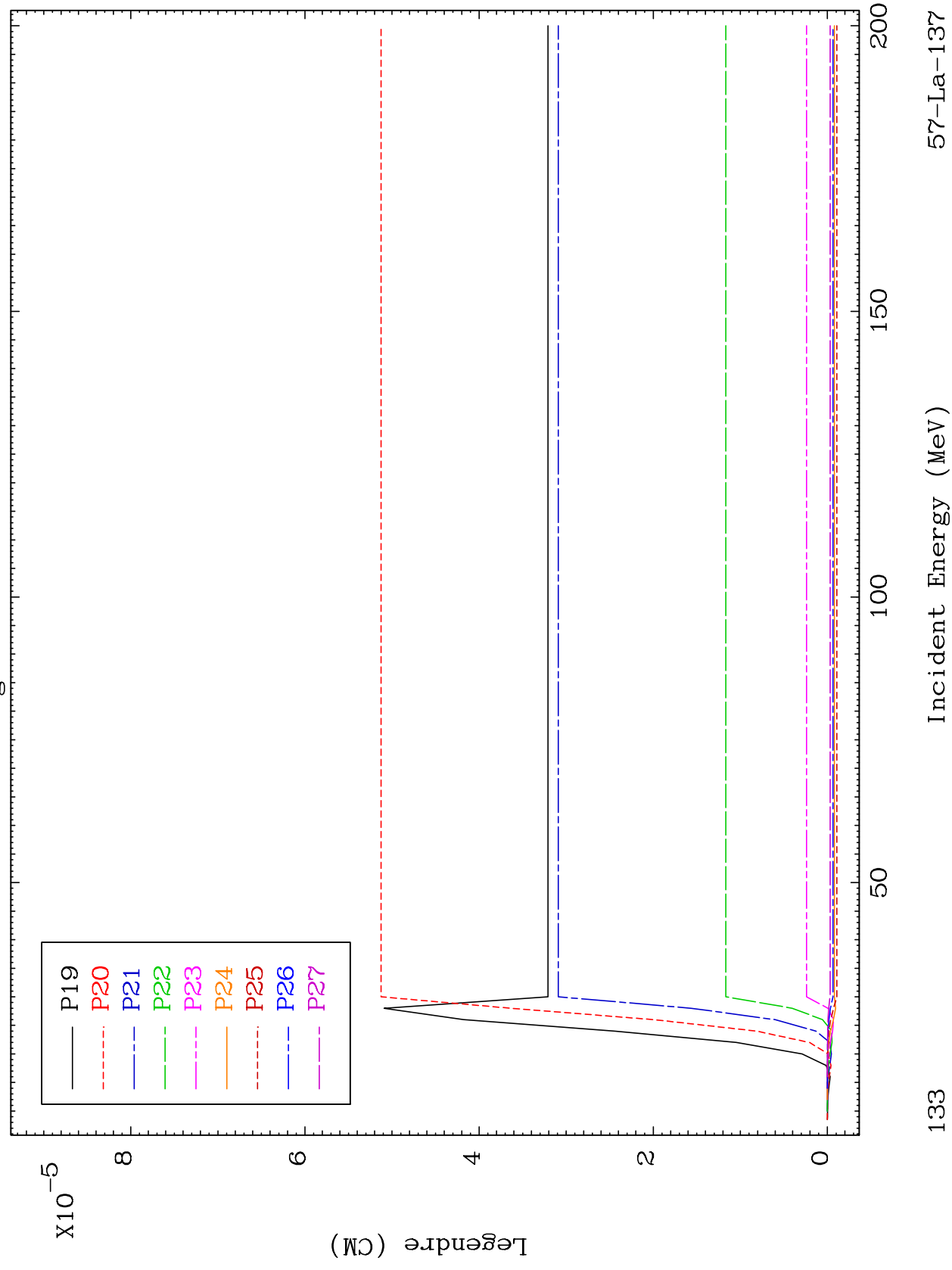


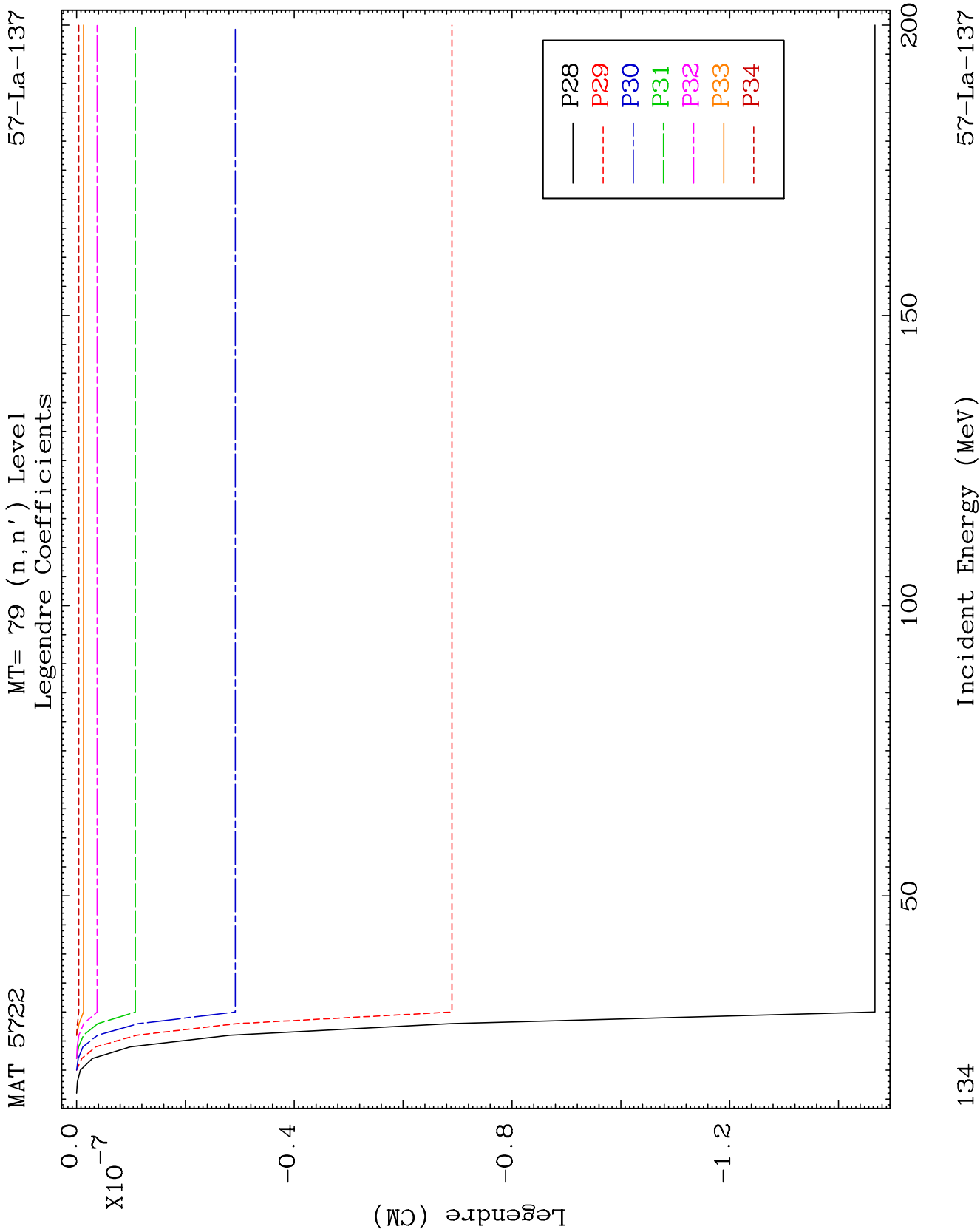


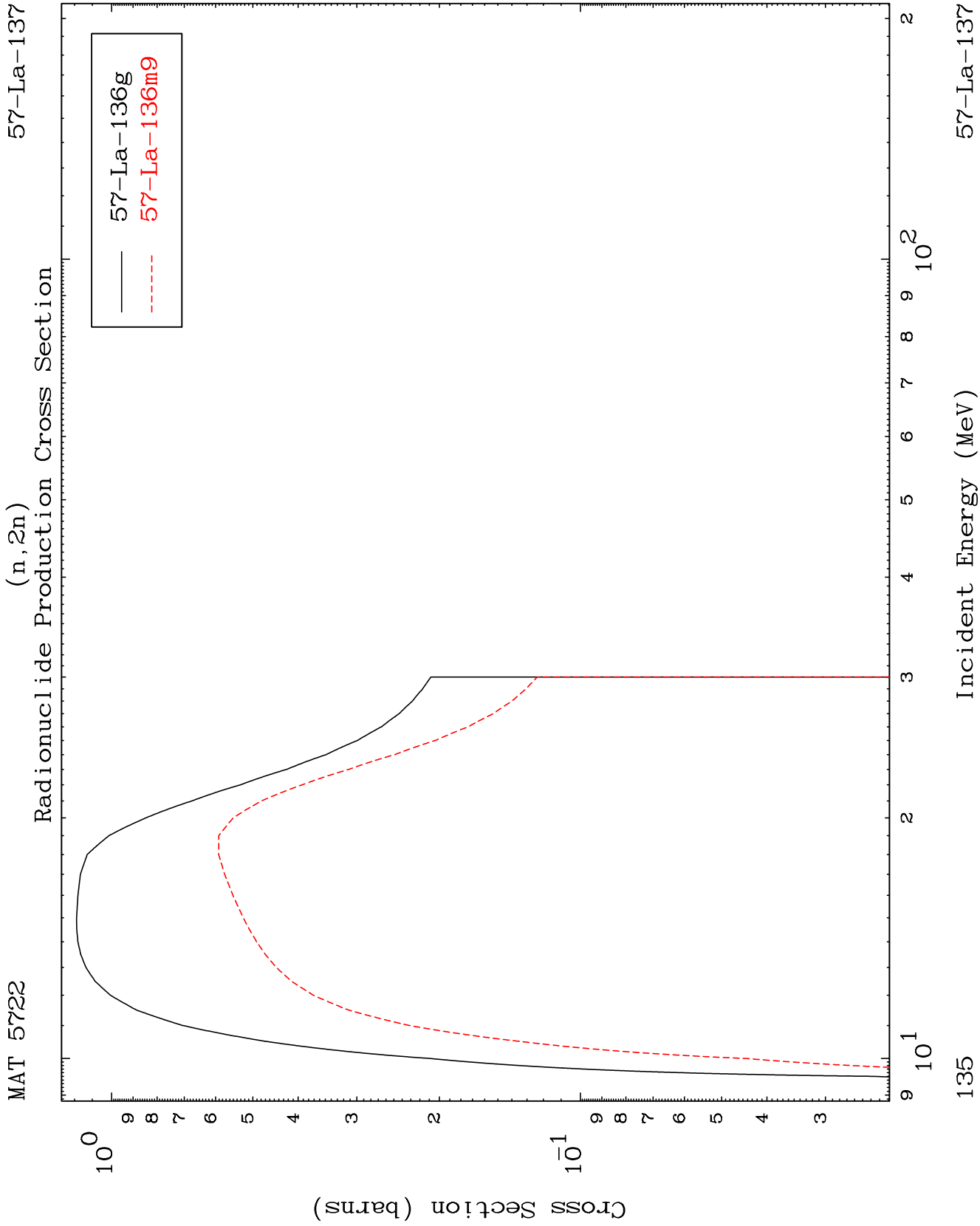
MAT 5722

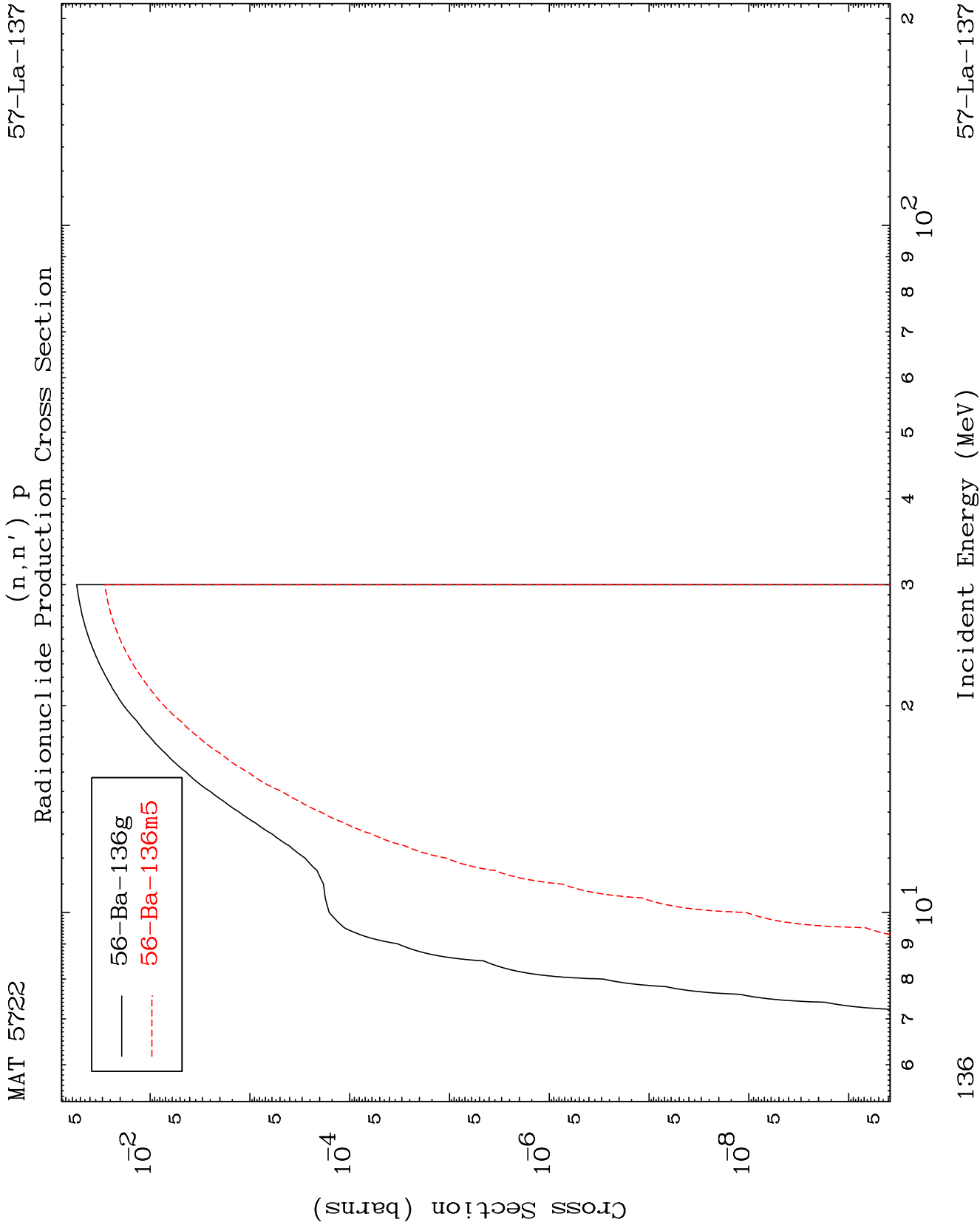
MT= 79 (n, n') Level
Legendre Coefficients

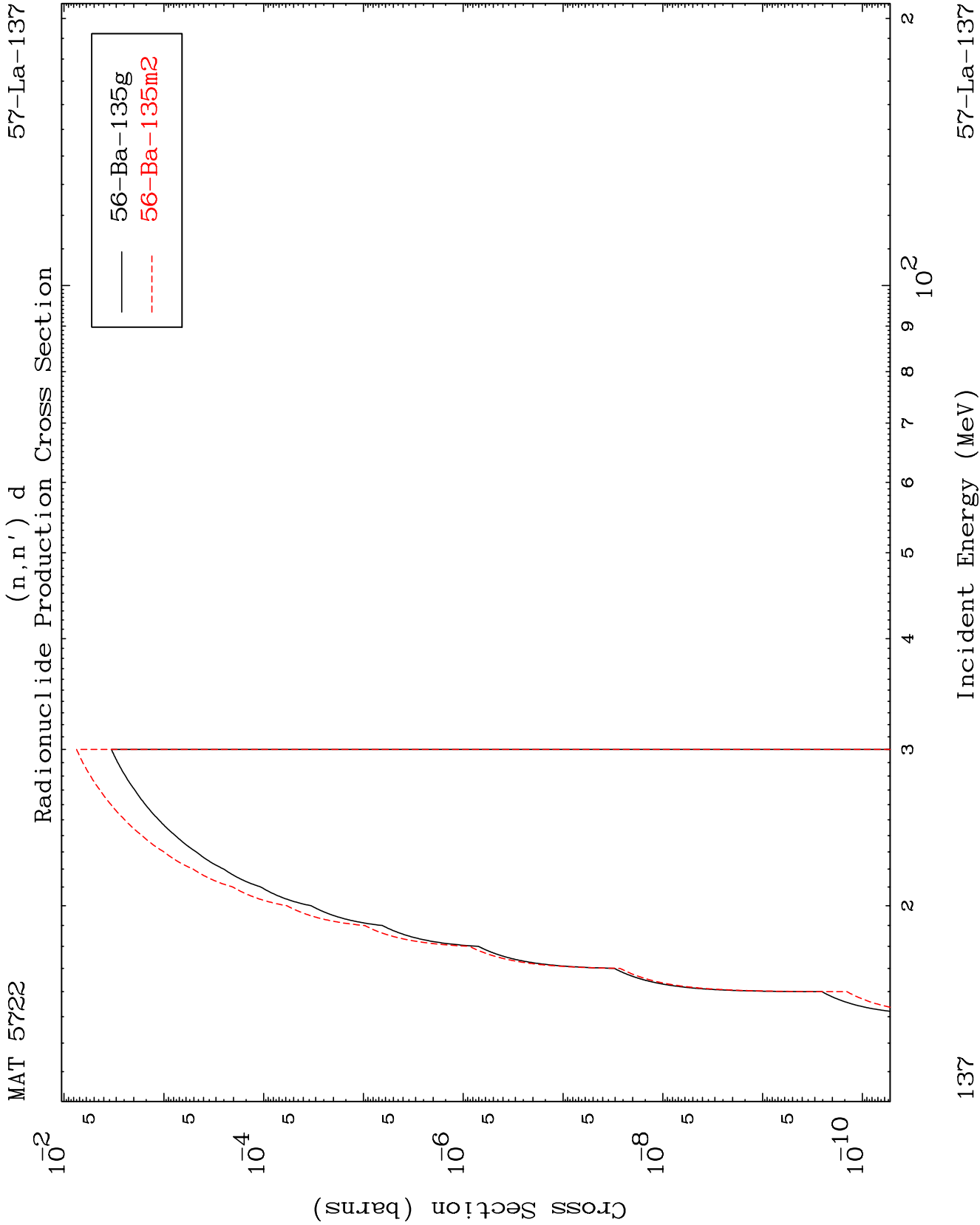
57-La-137



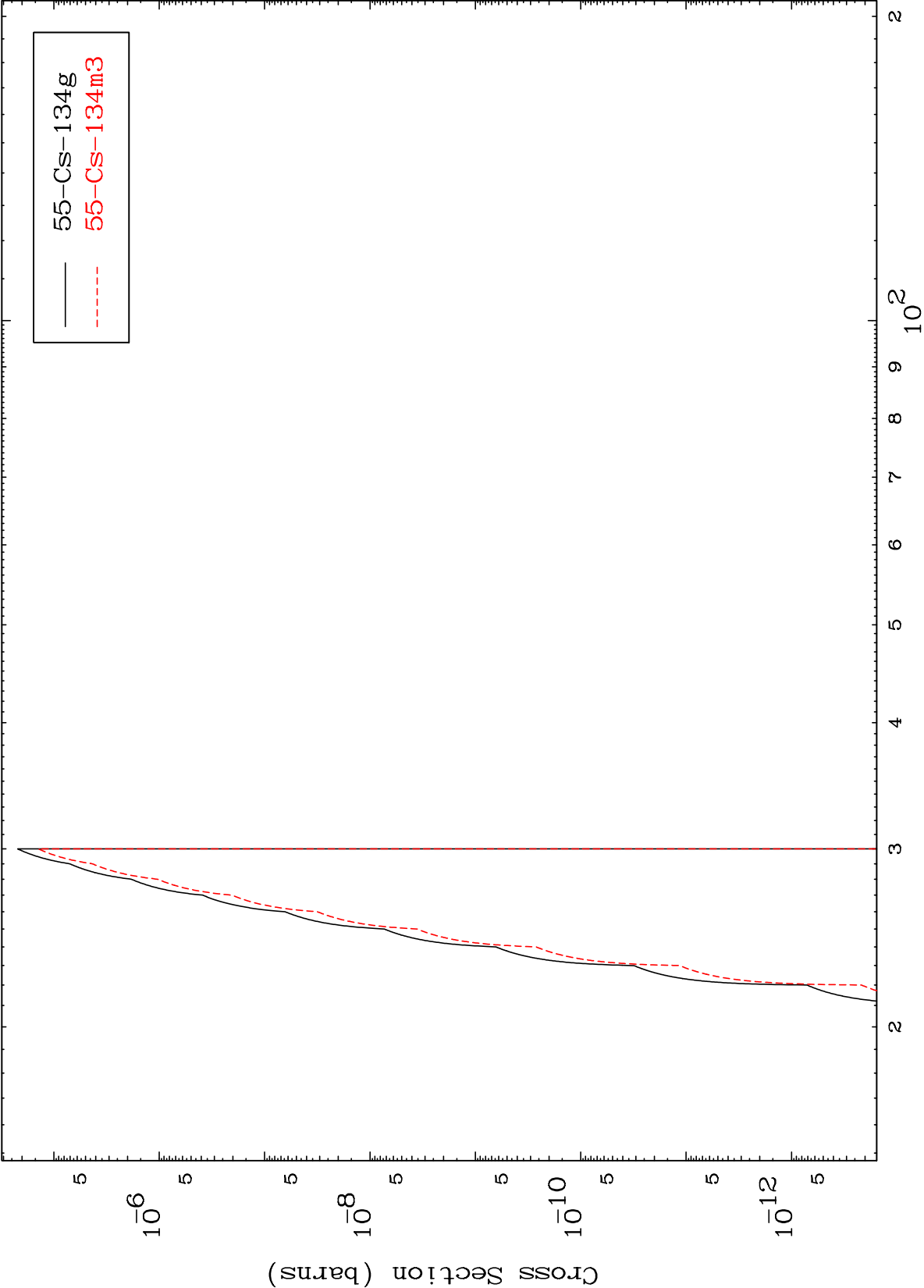




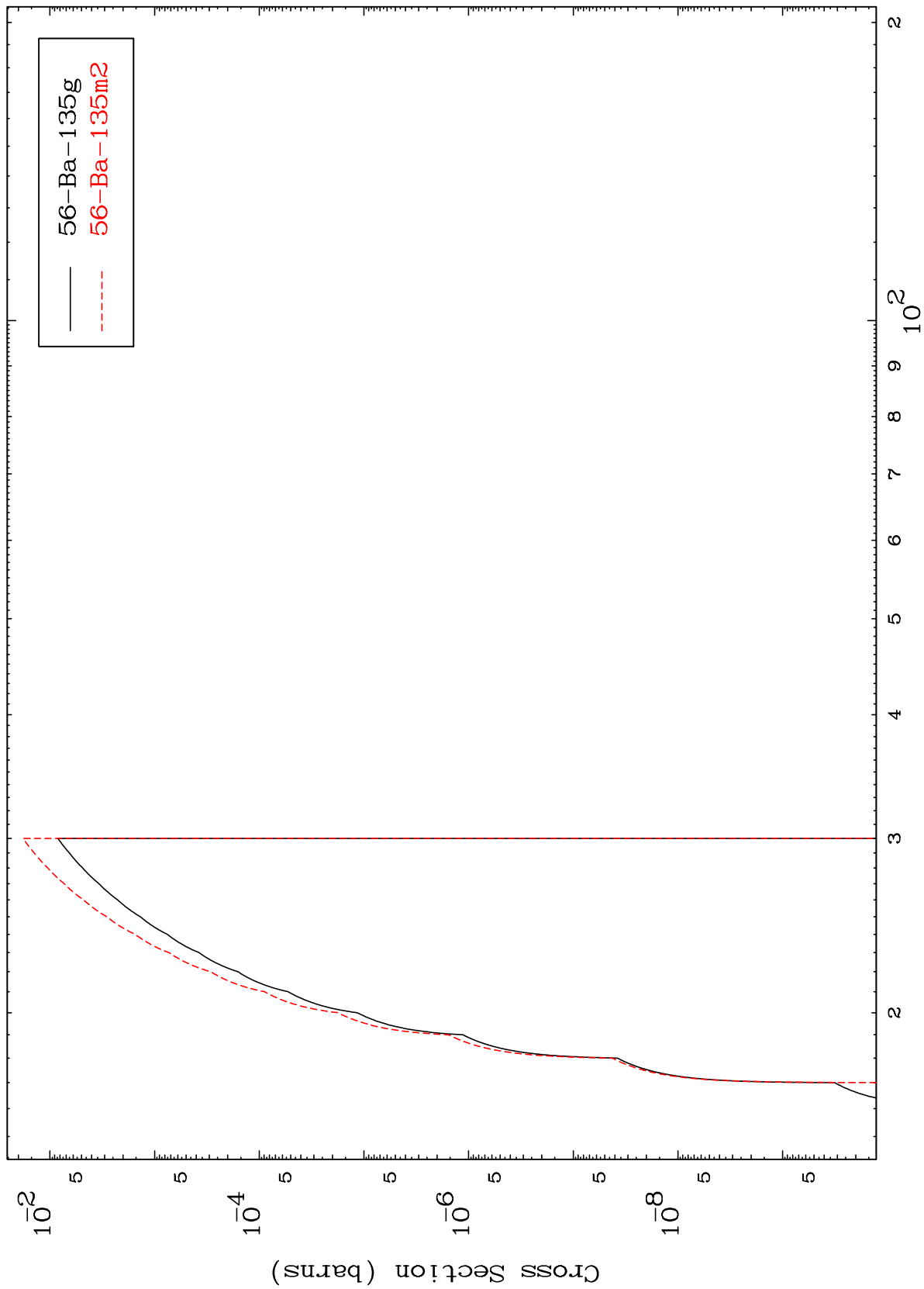




Radionuclide Production Cross Section



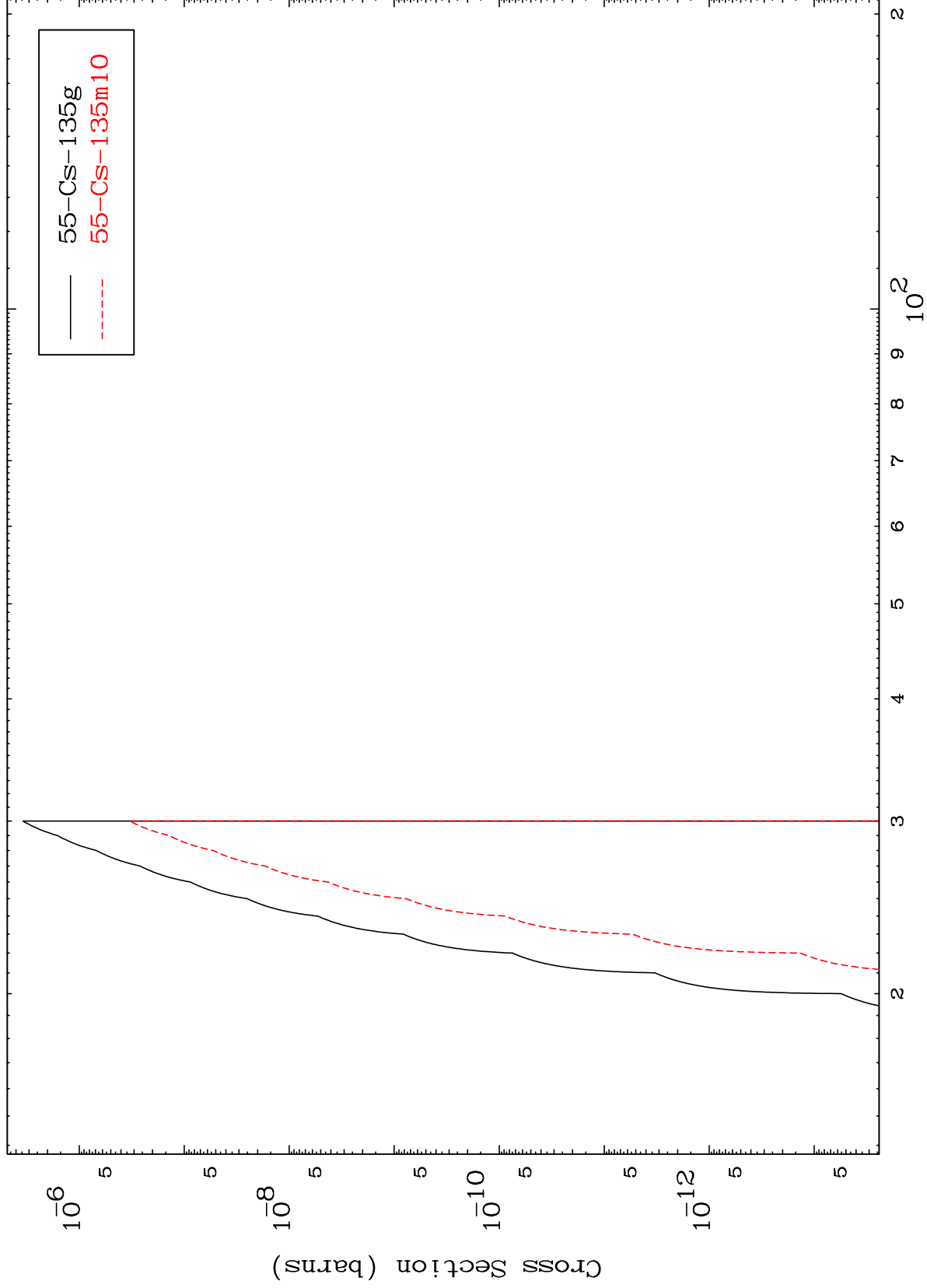
(n,2n) p
Radionuclide Production Cross Section



MAT 5722

57-La-137

(n,2n) p
Radionuclide Production Cross Section



57-La-137

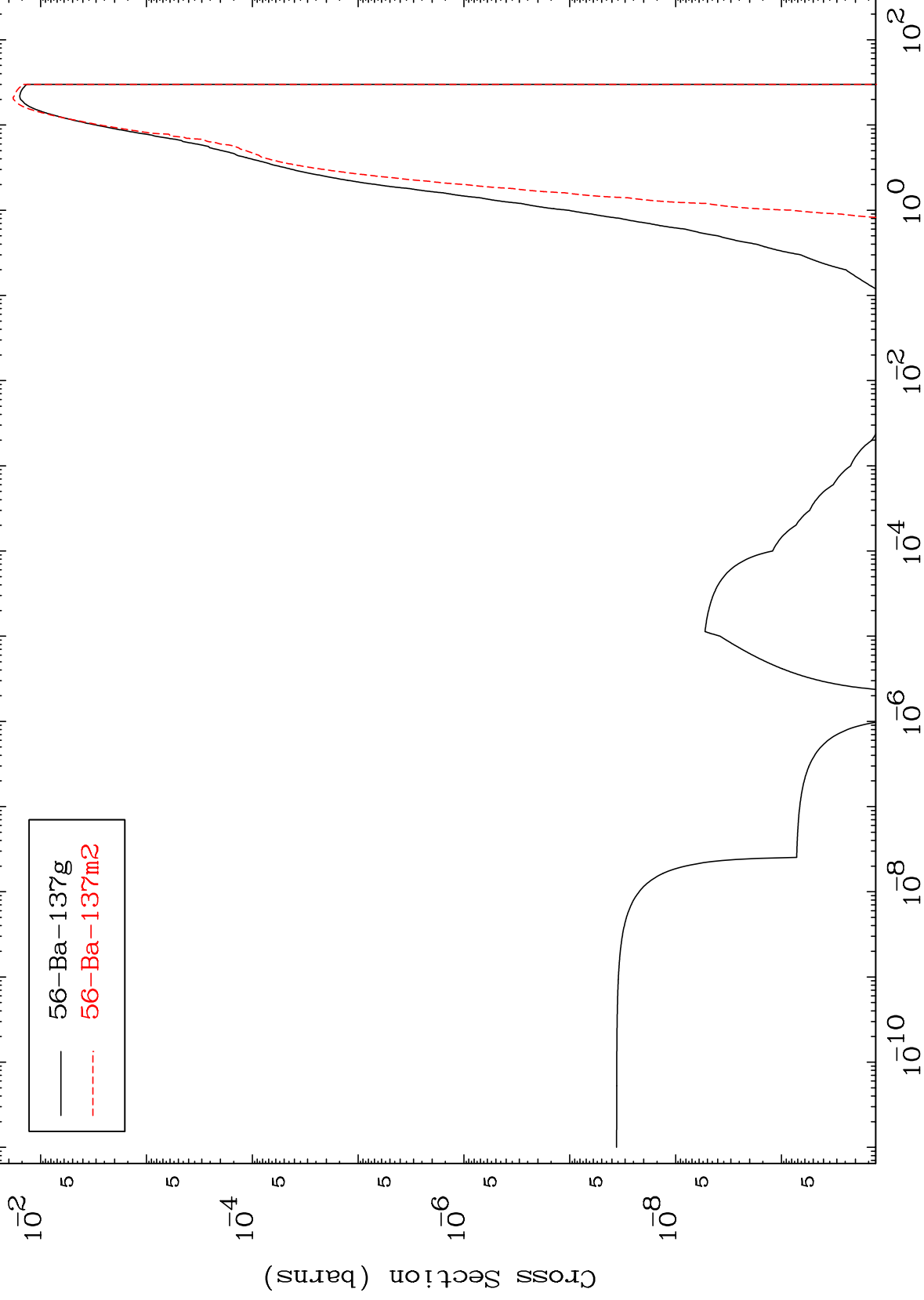
Incident Energy (MeV)

140

MAT 5722

57-La-137

(n,p)
Radionuclide Production Cross Section

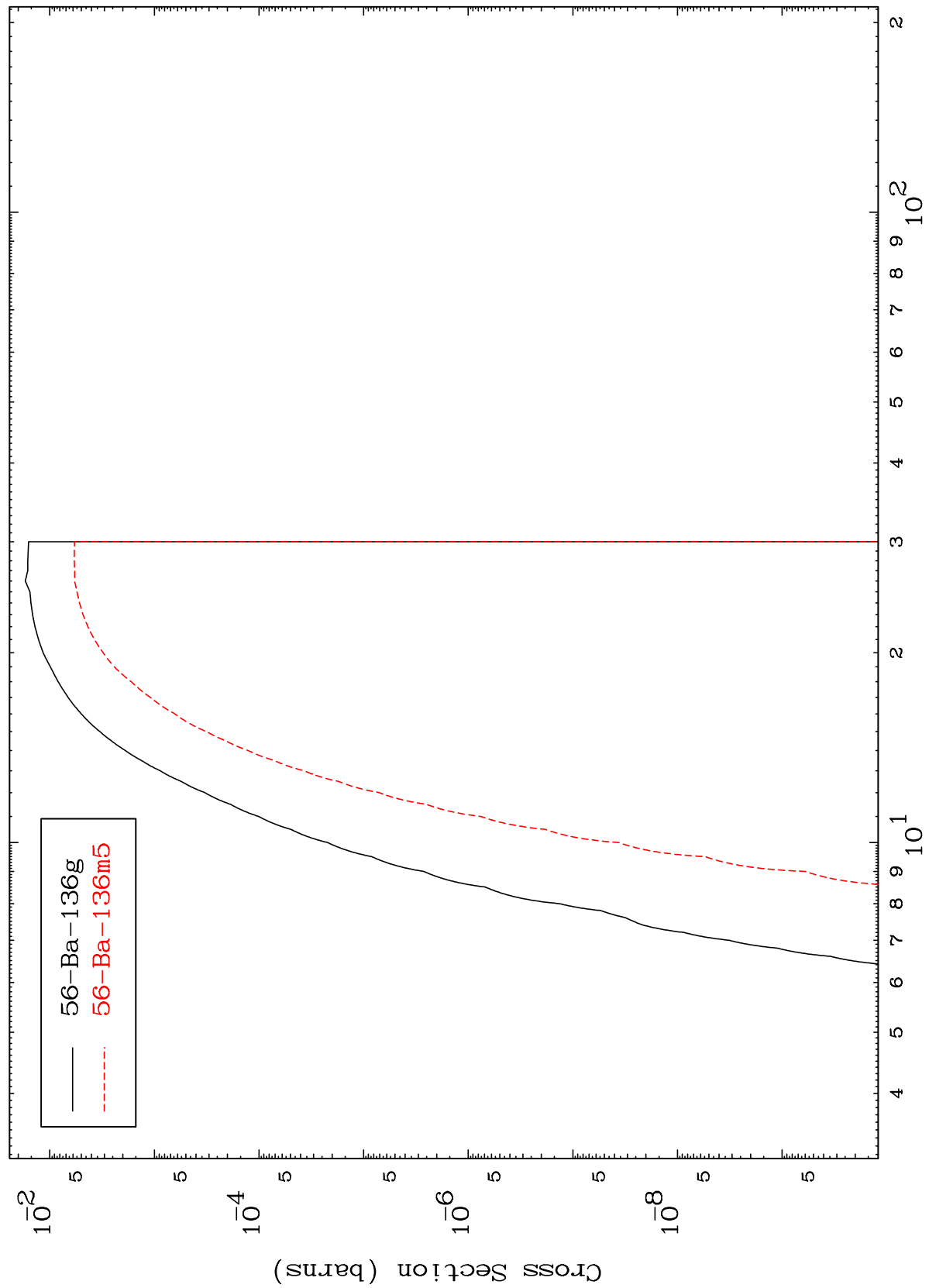


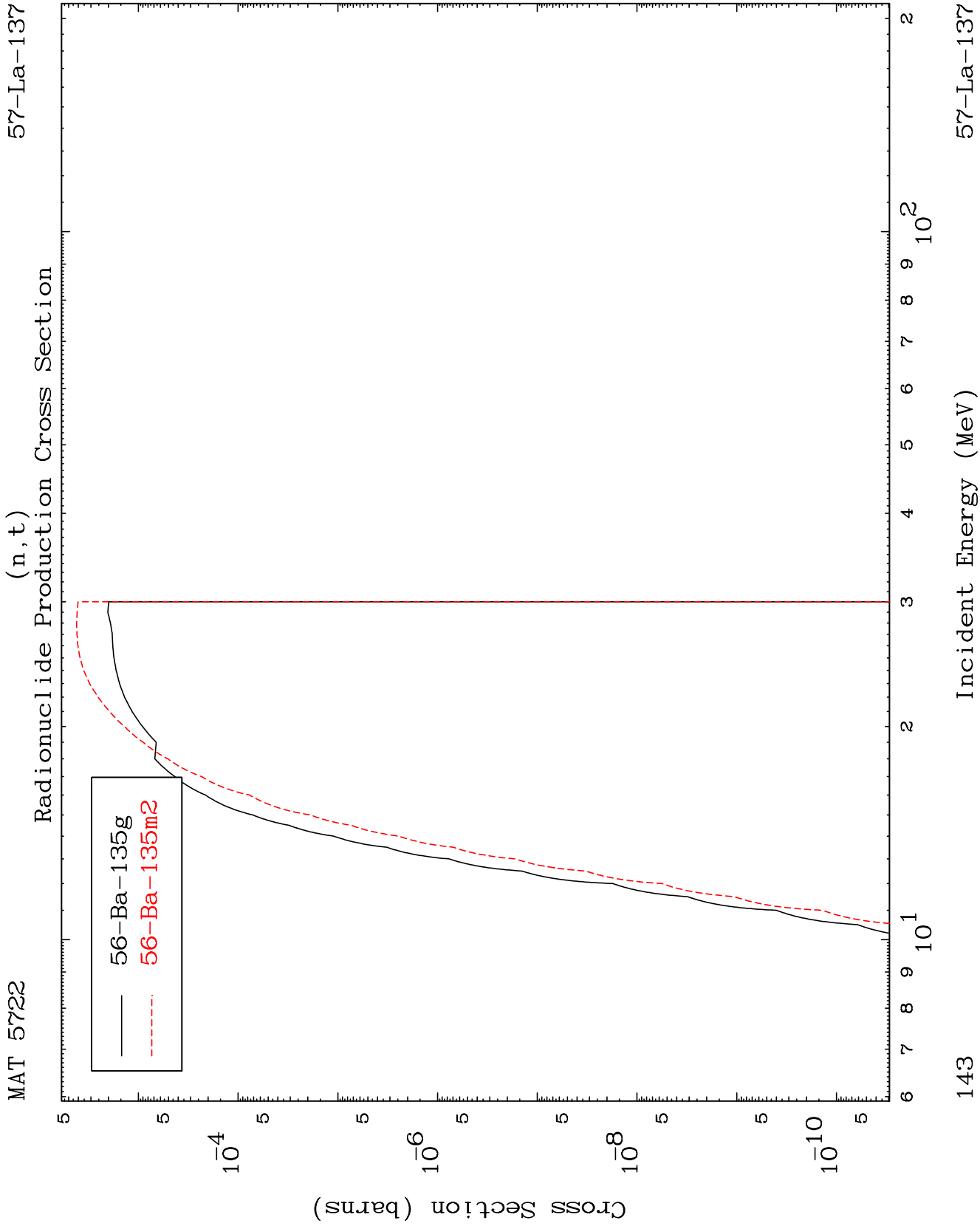
141

Incident Energy (MeV)

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Radionuclide Production Cross Section (n,d)

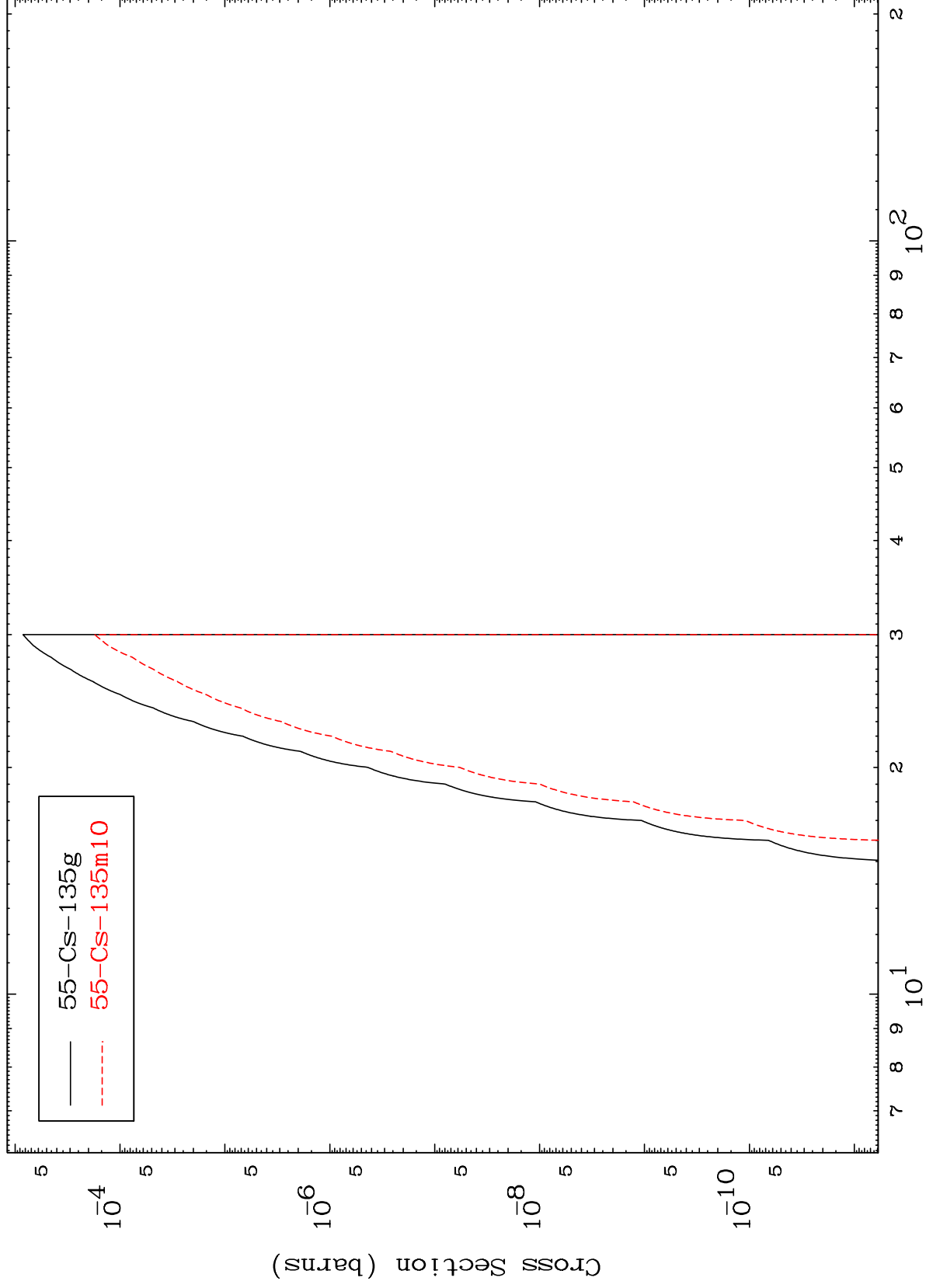




MAT 5722

57-La-137

Radionuclide Production Cross Section



57-La-137

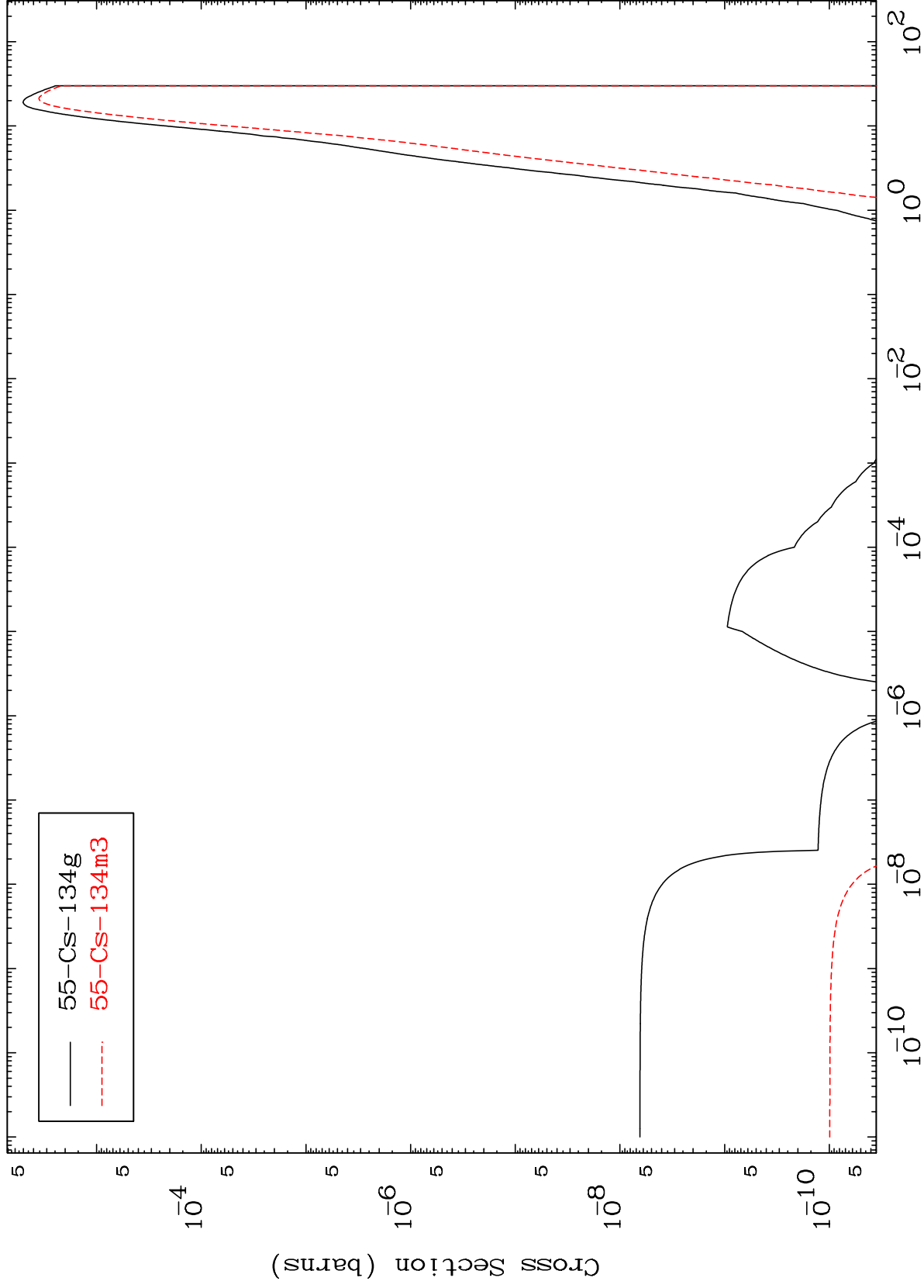
Incident Energy (MeV)

144

MAT 5722

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Radionuclide Production Cross Section
(n, α)



57-La-137

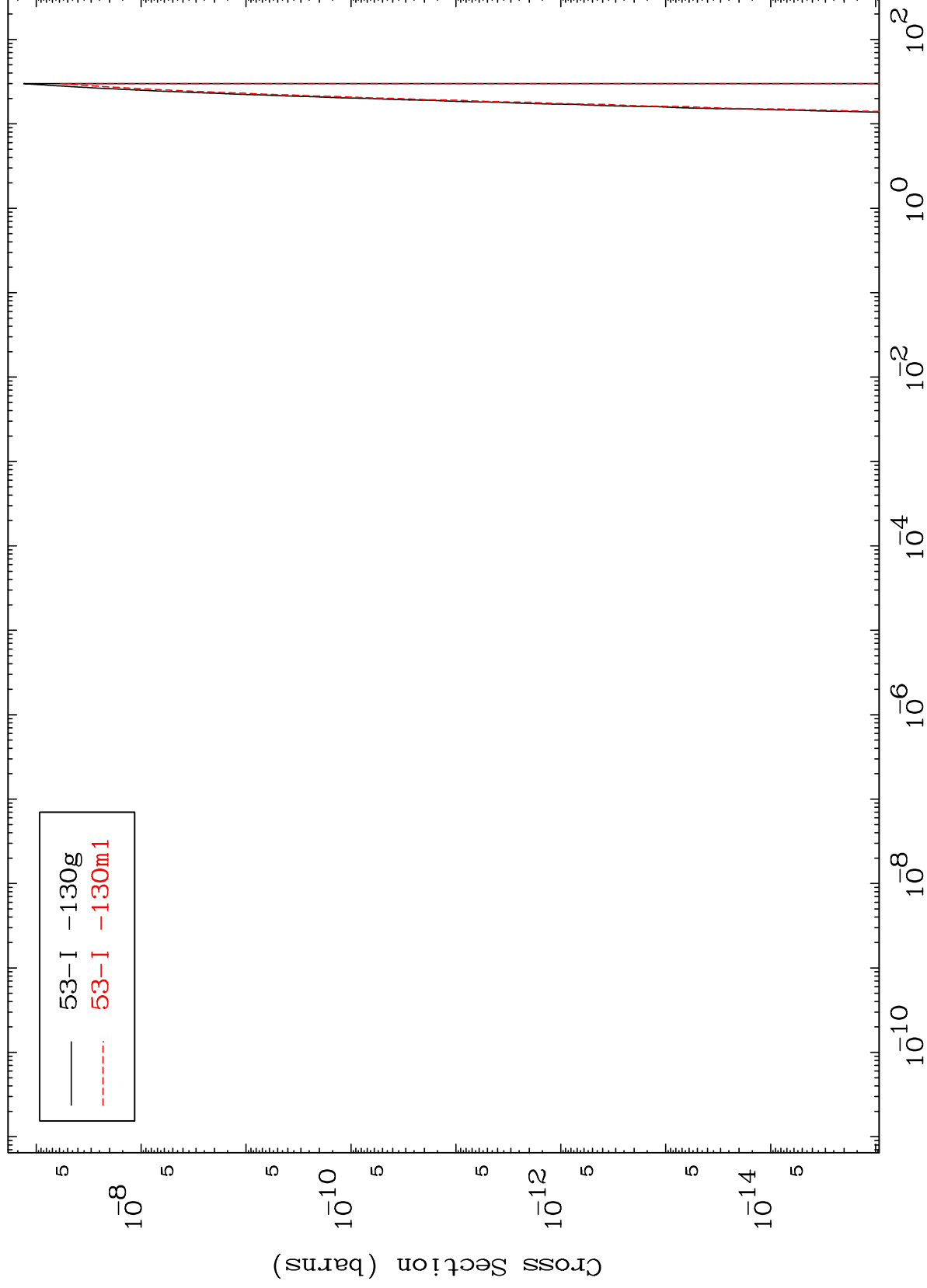
Incident Energy (MeV)

145

MAT 5722

57-La-137

(n,2α)
Radionuclide Production Cross Section



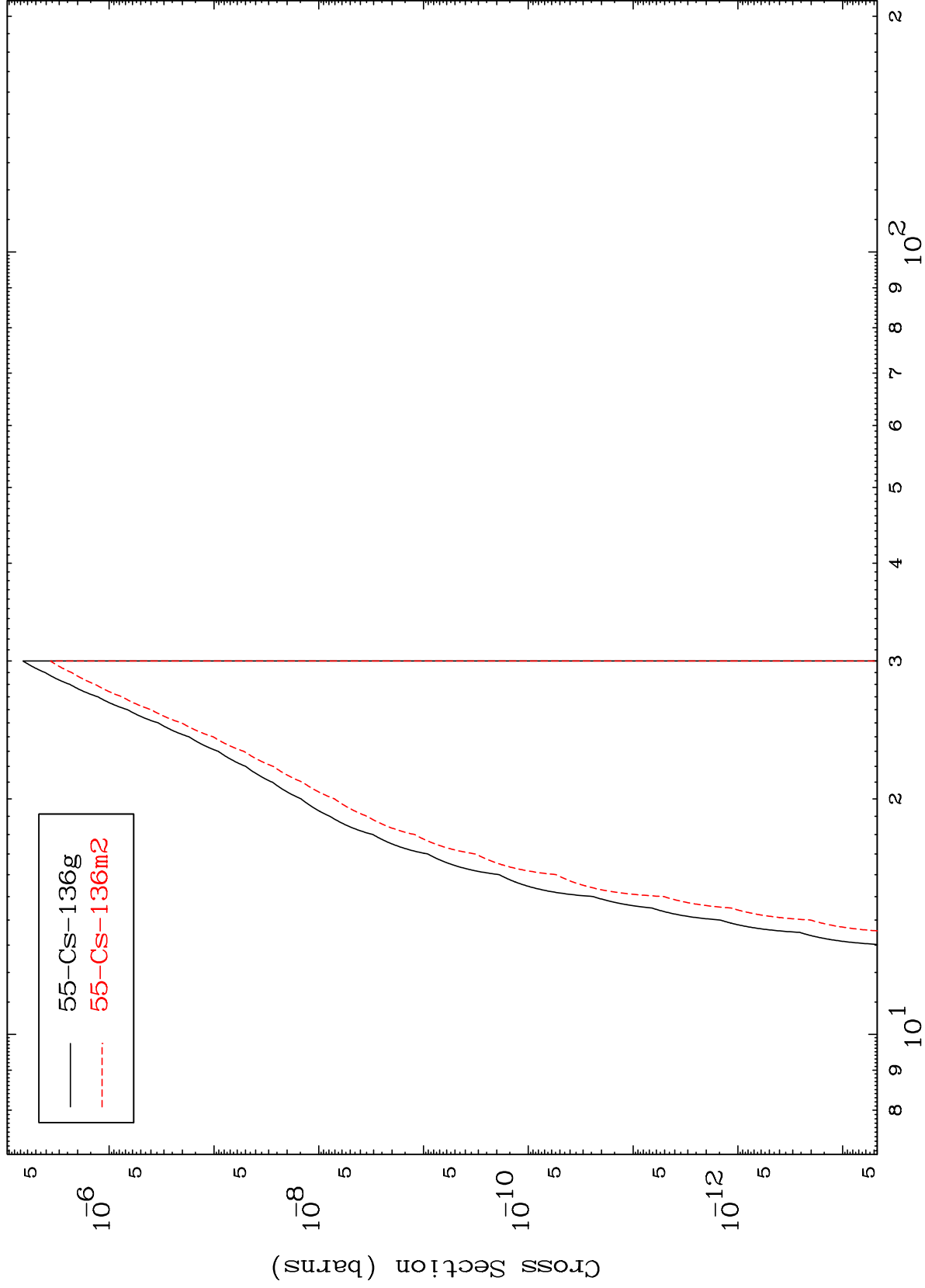
146

57-La-137

MAT 5722

57-La-137

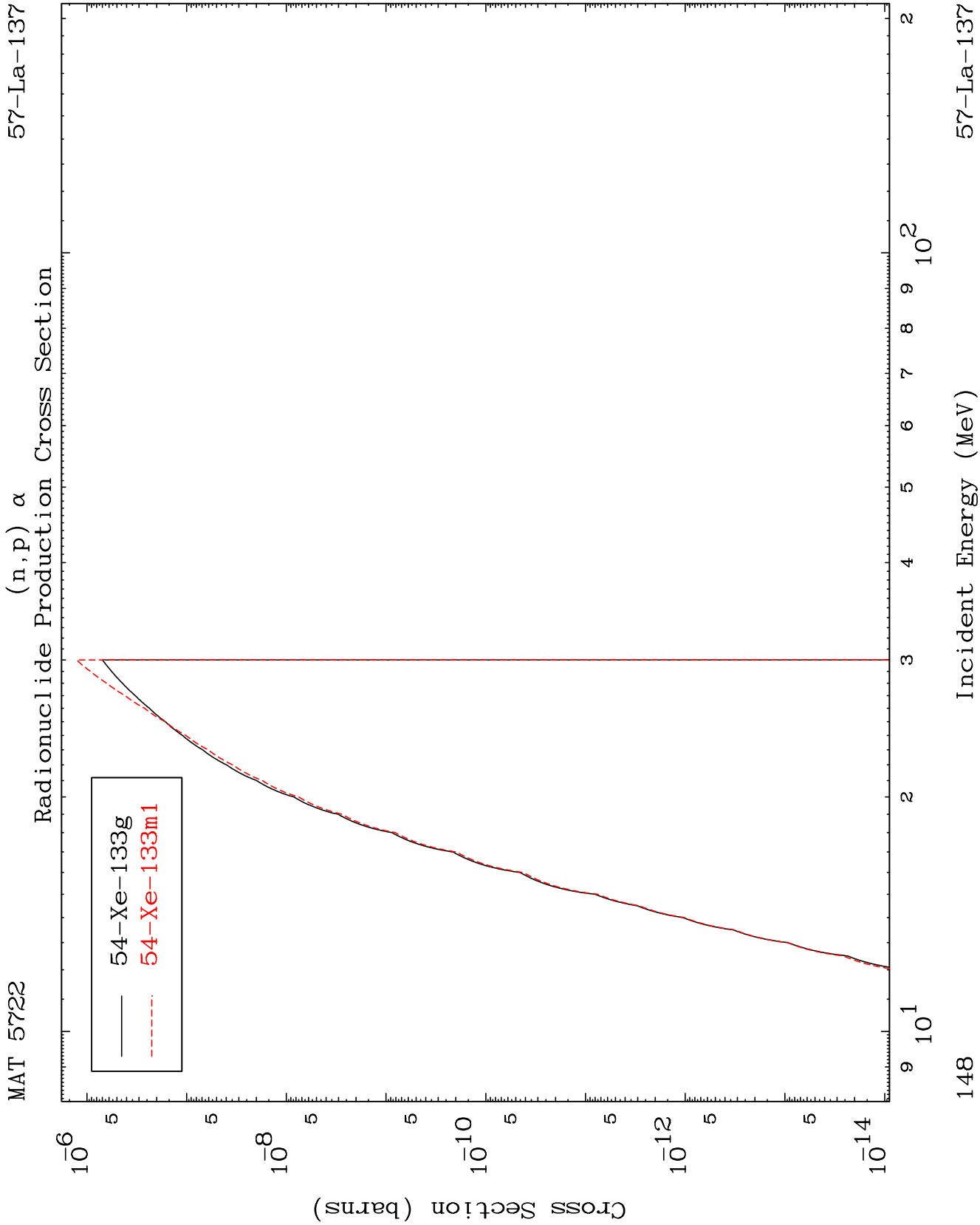
Radionuclide Production Cross Section
(n,2p)



57-La-137

Incident Energy (MeV)

147



(n,p) d
Radionuclide Production Cross Section

