

Program EVALPLOT
(Version 2021-1)

by

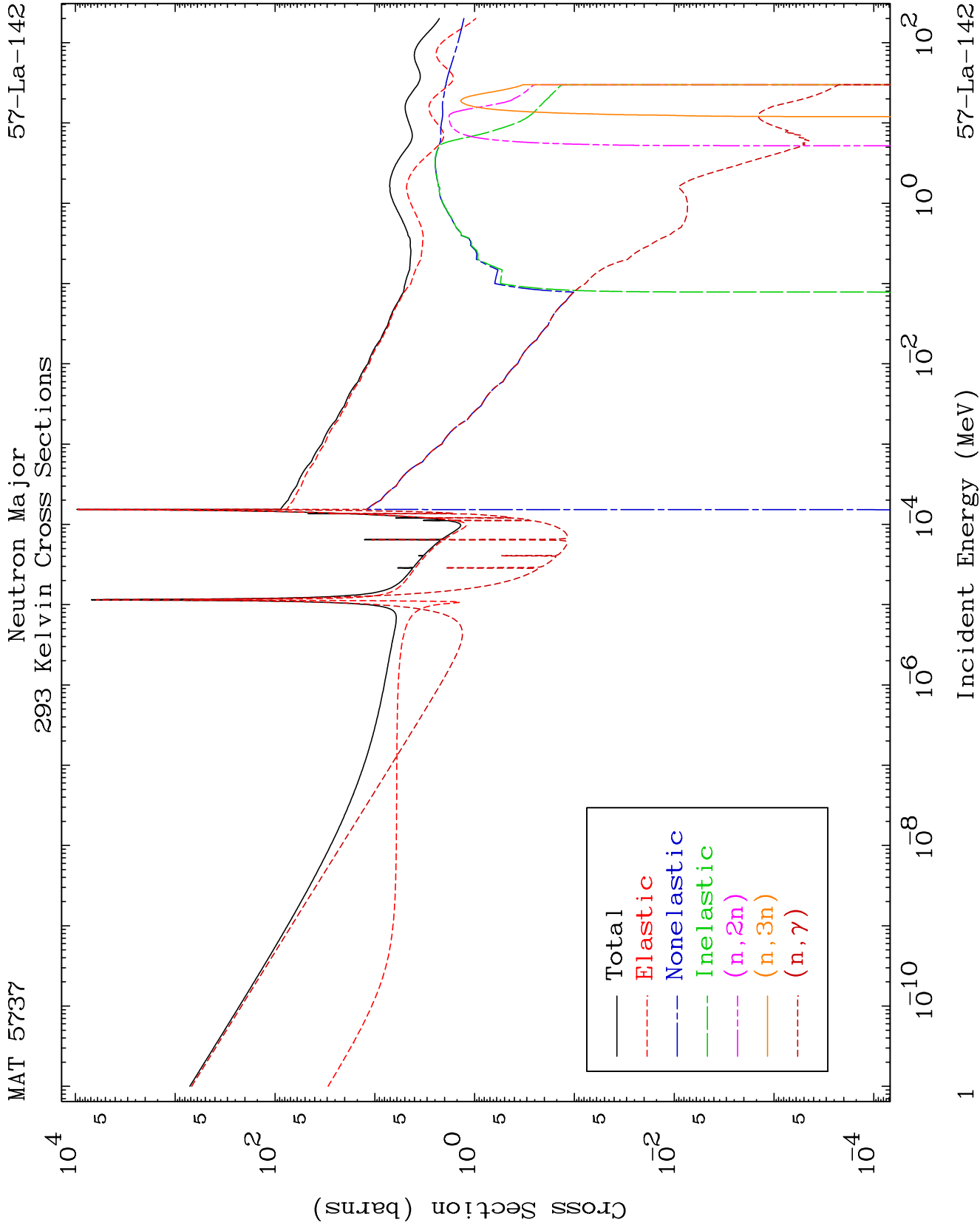
Dermott E. Cullen
(Present Contact Information)

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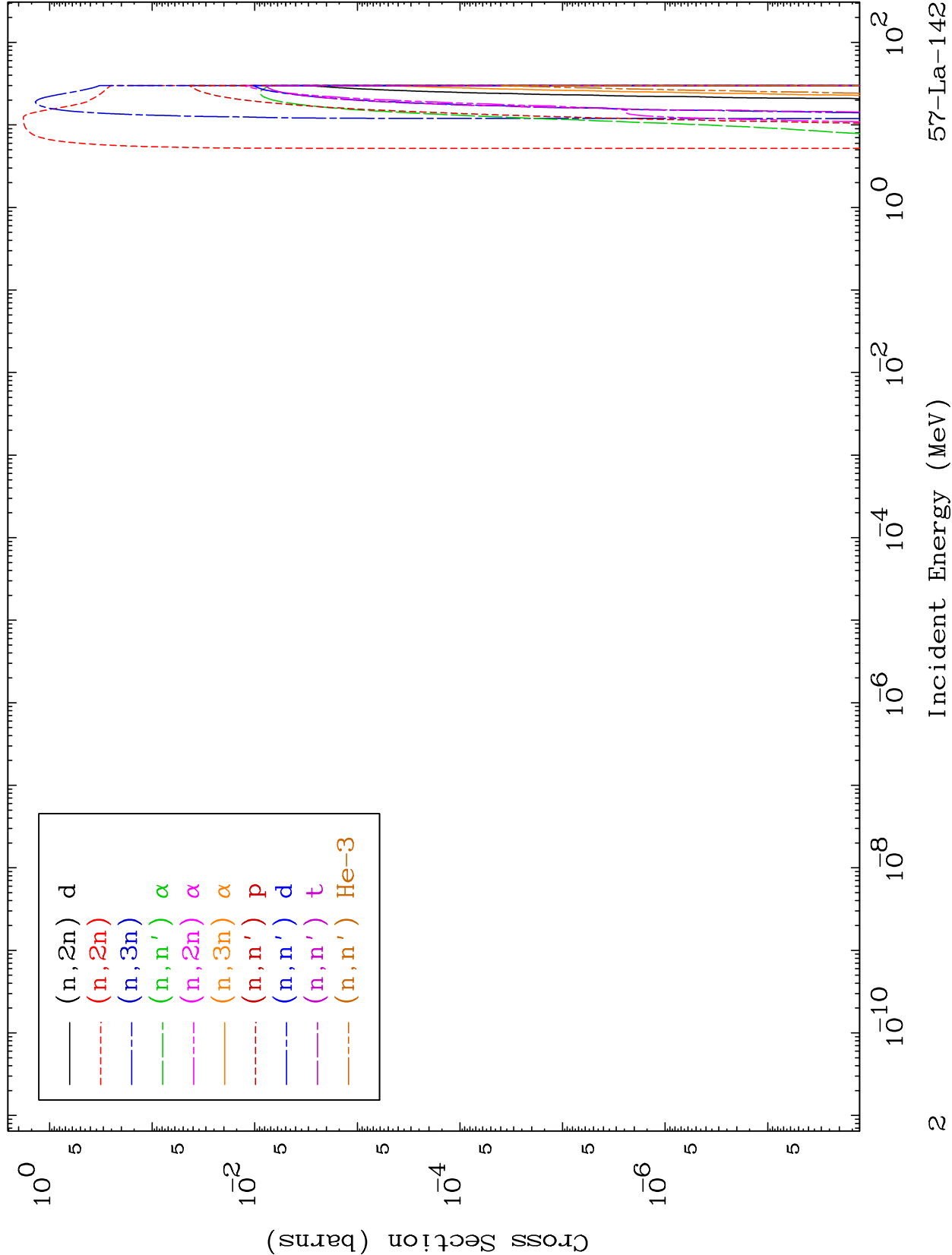
Press Mouse Button to Start

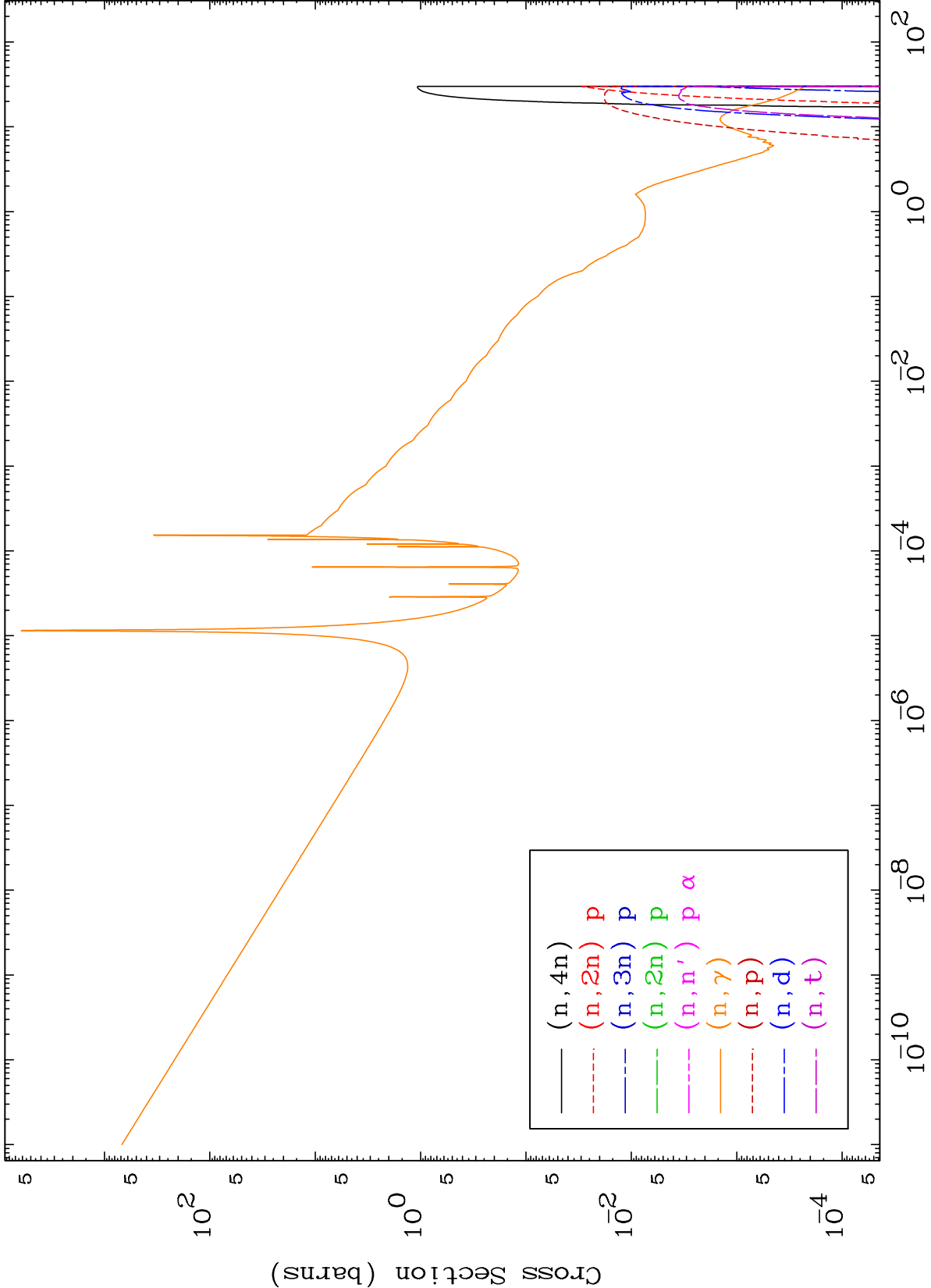


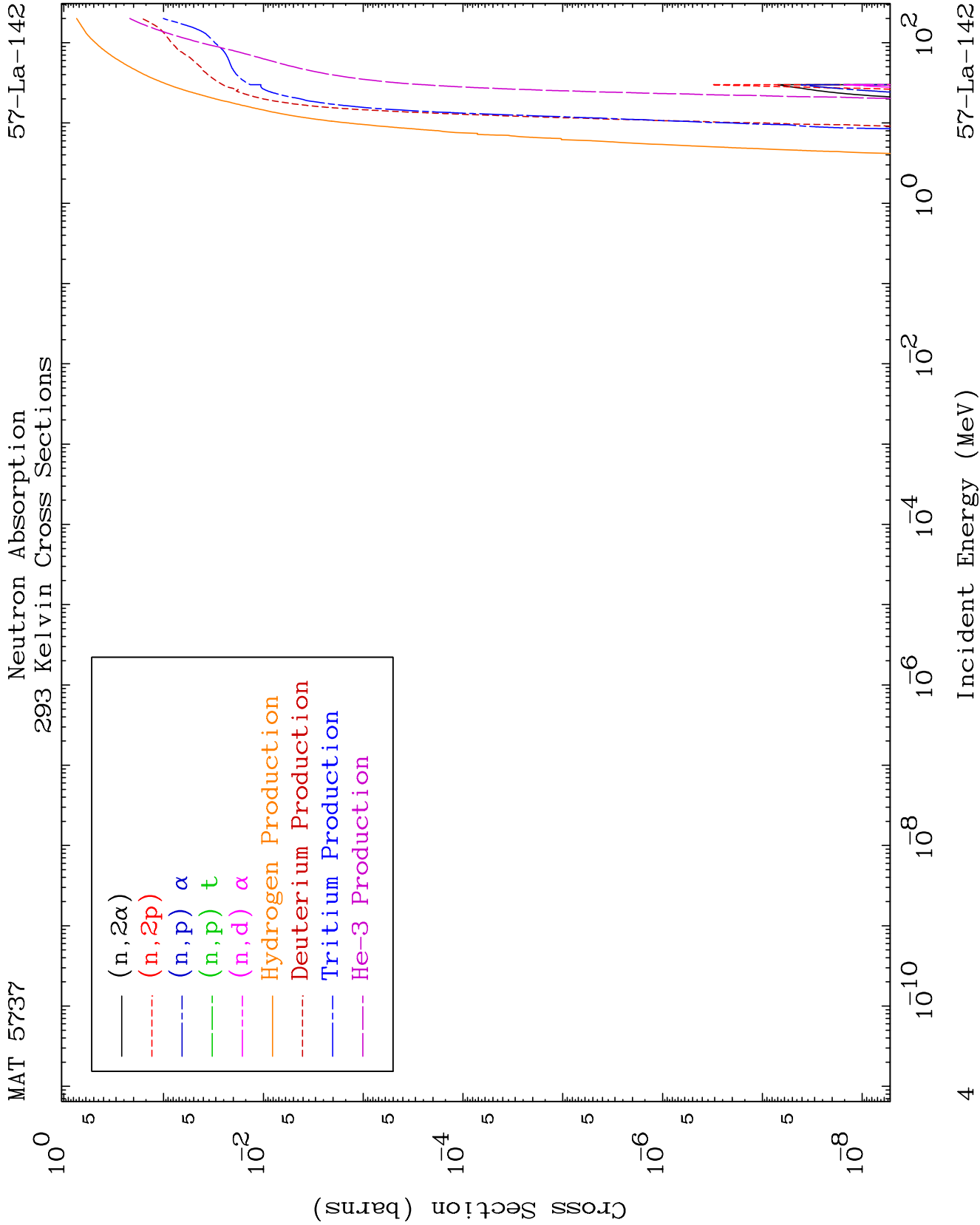
MAT 5737

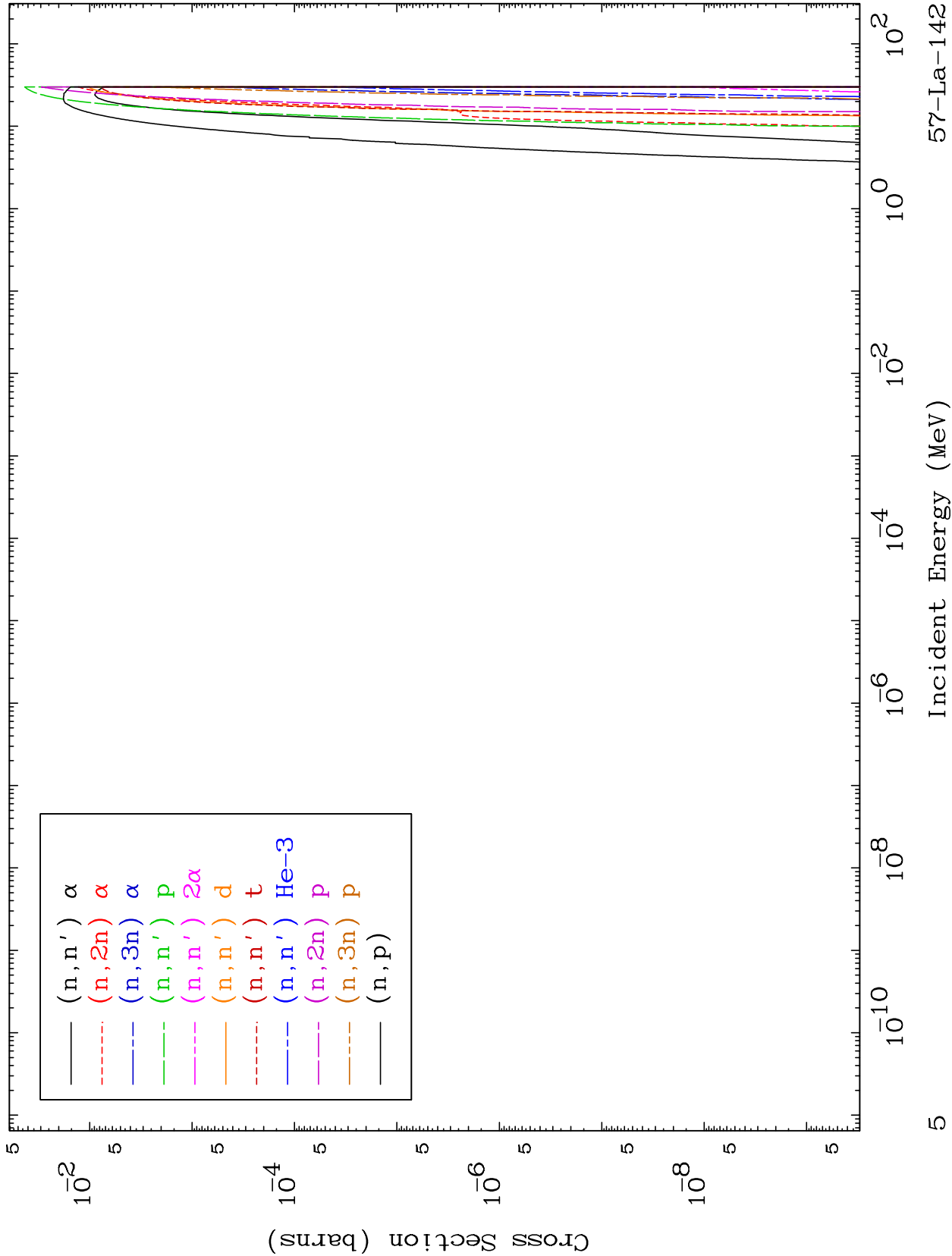
Neutron Absorption
293 Kelvin Cross Sections

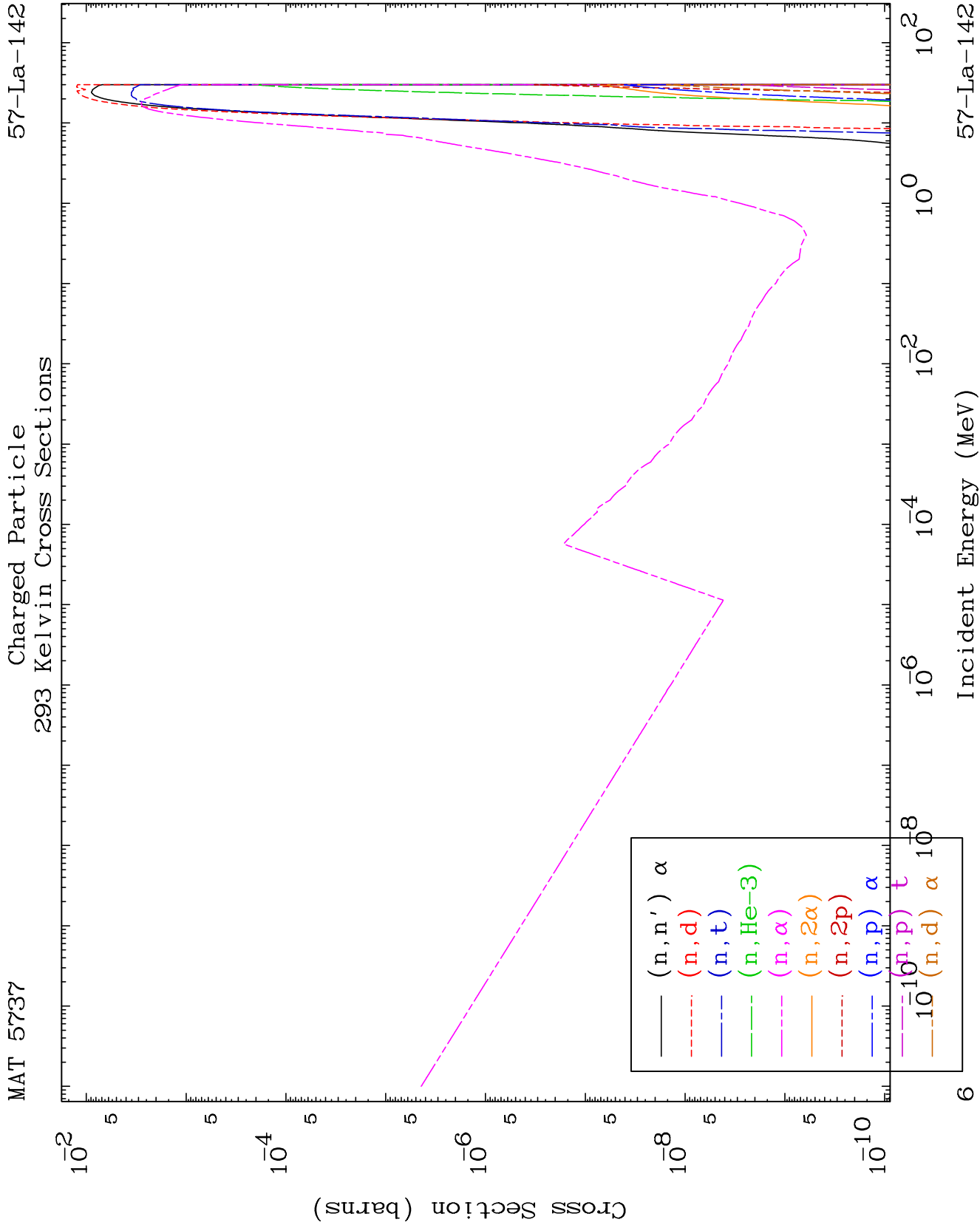
57-La-142

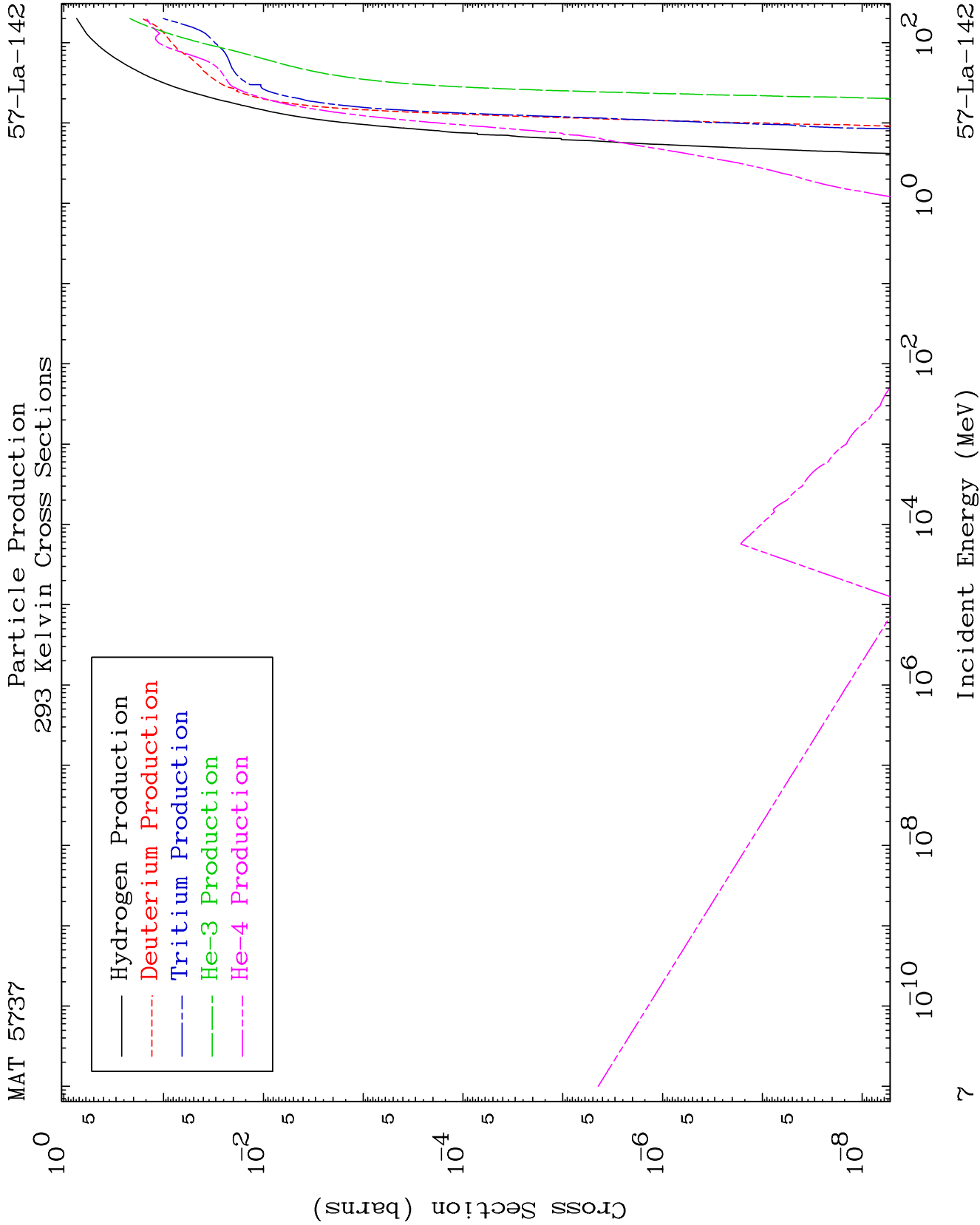


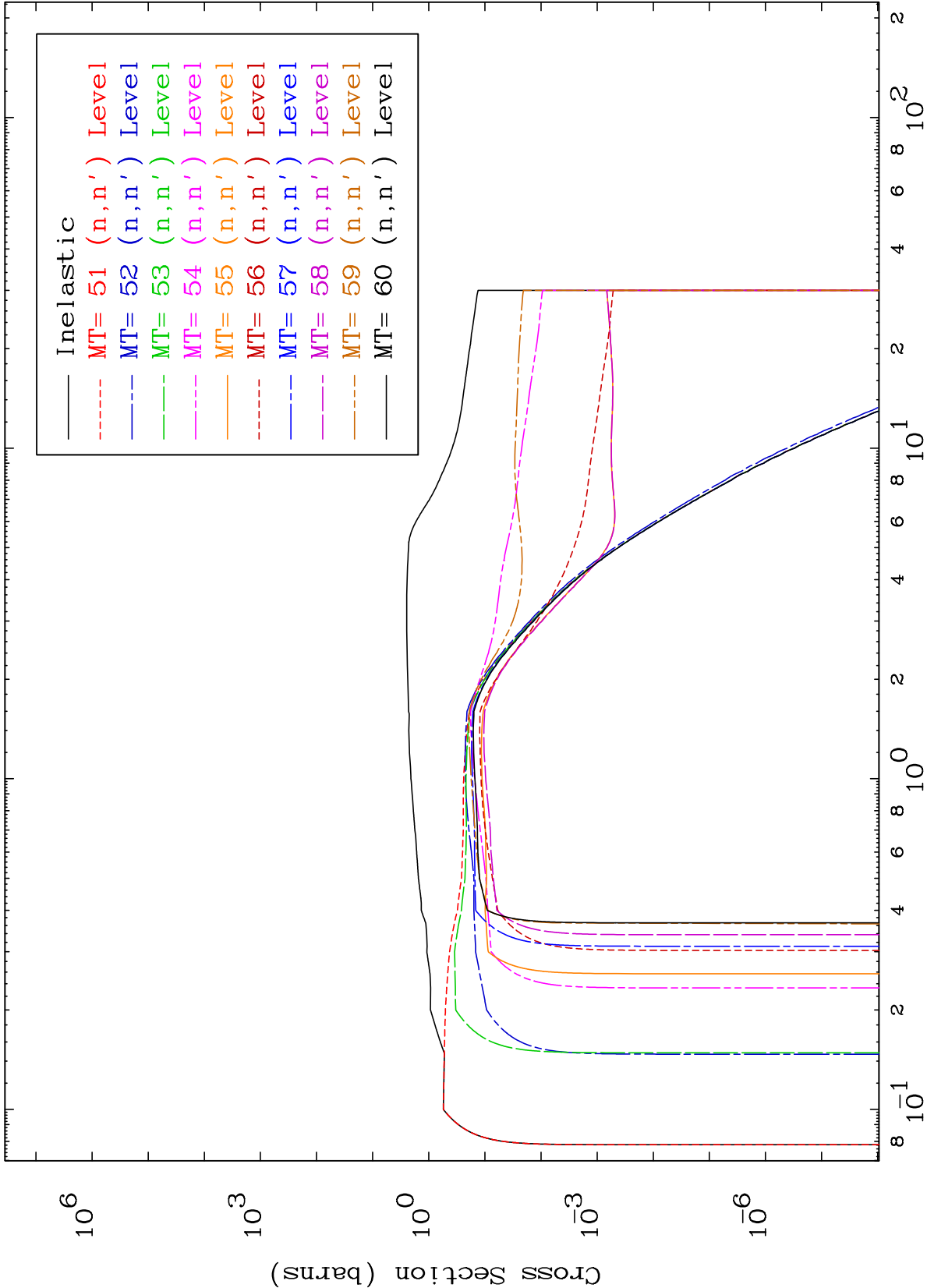




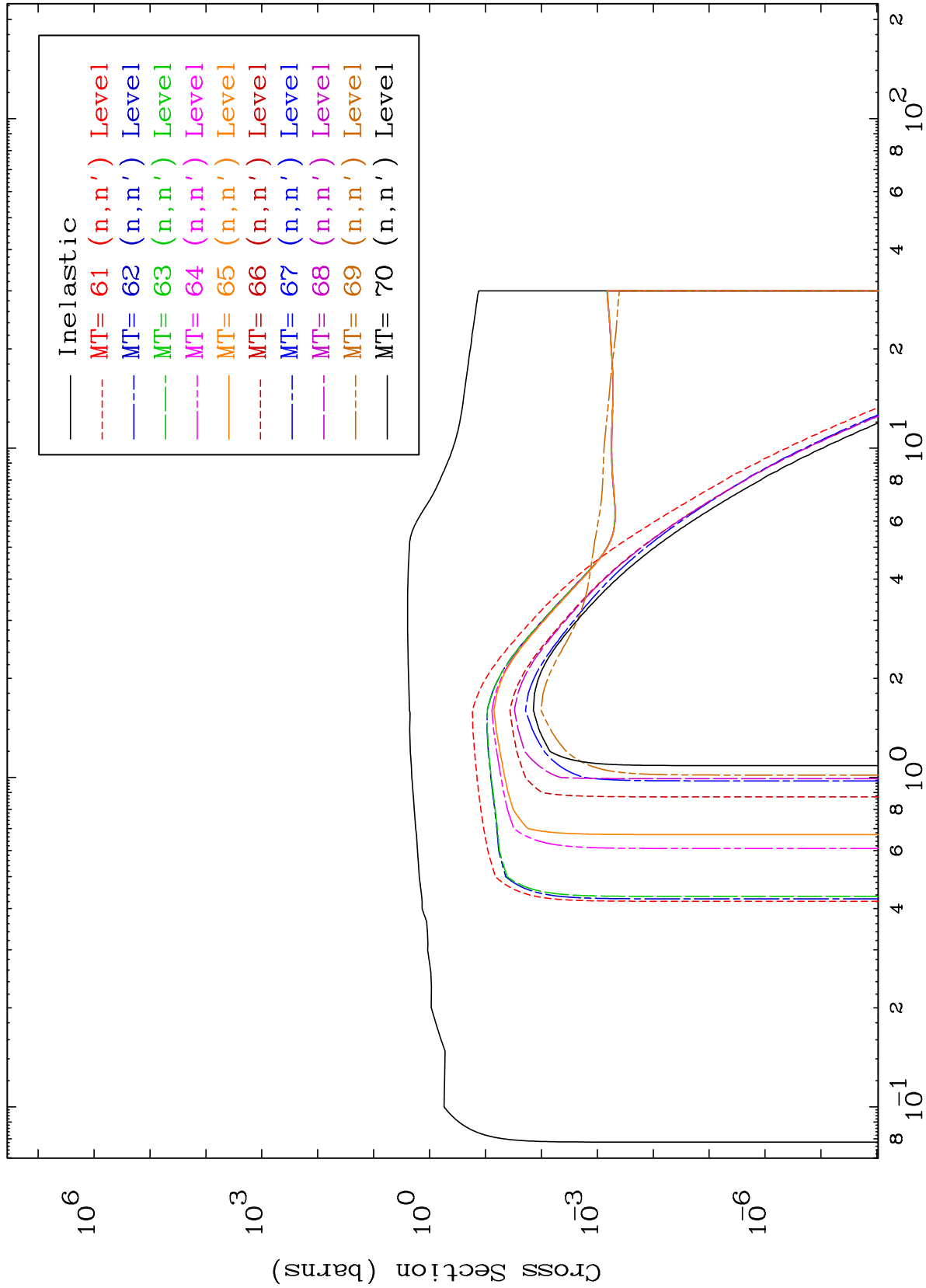


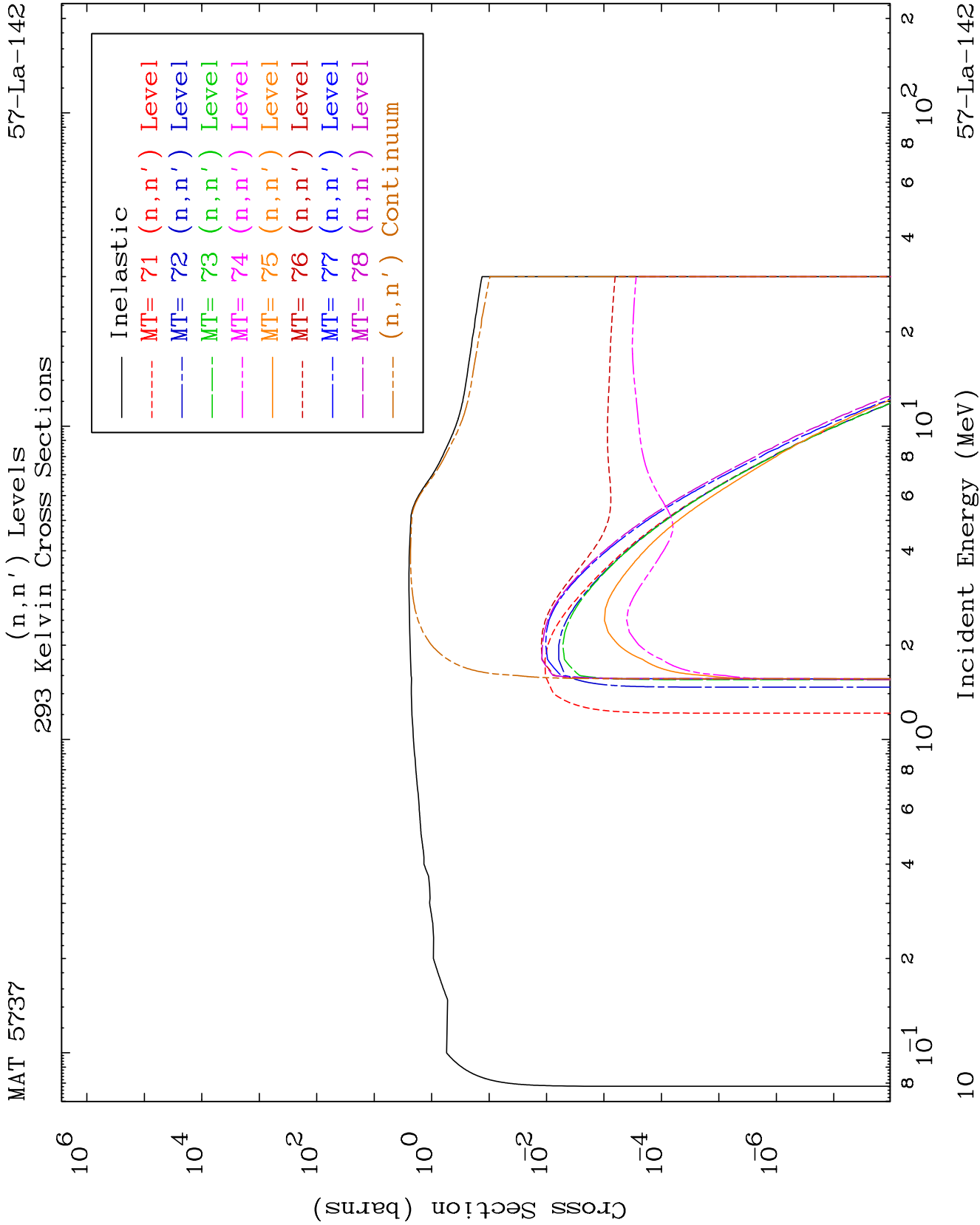






293 Kelvin Cross Sections

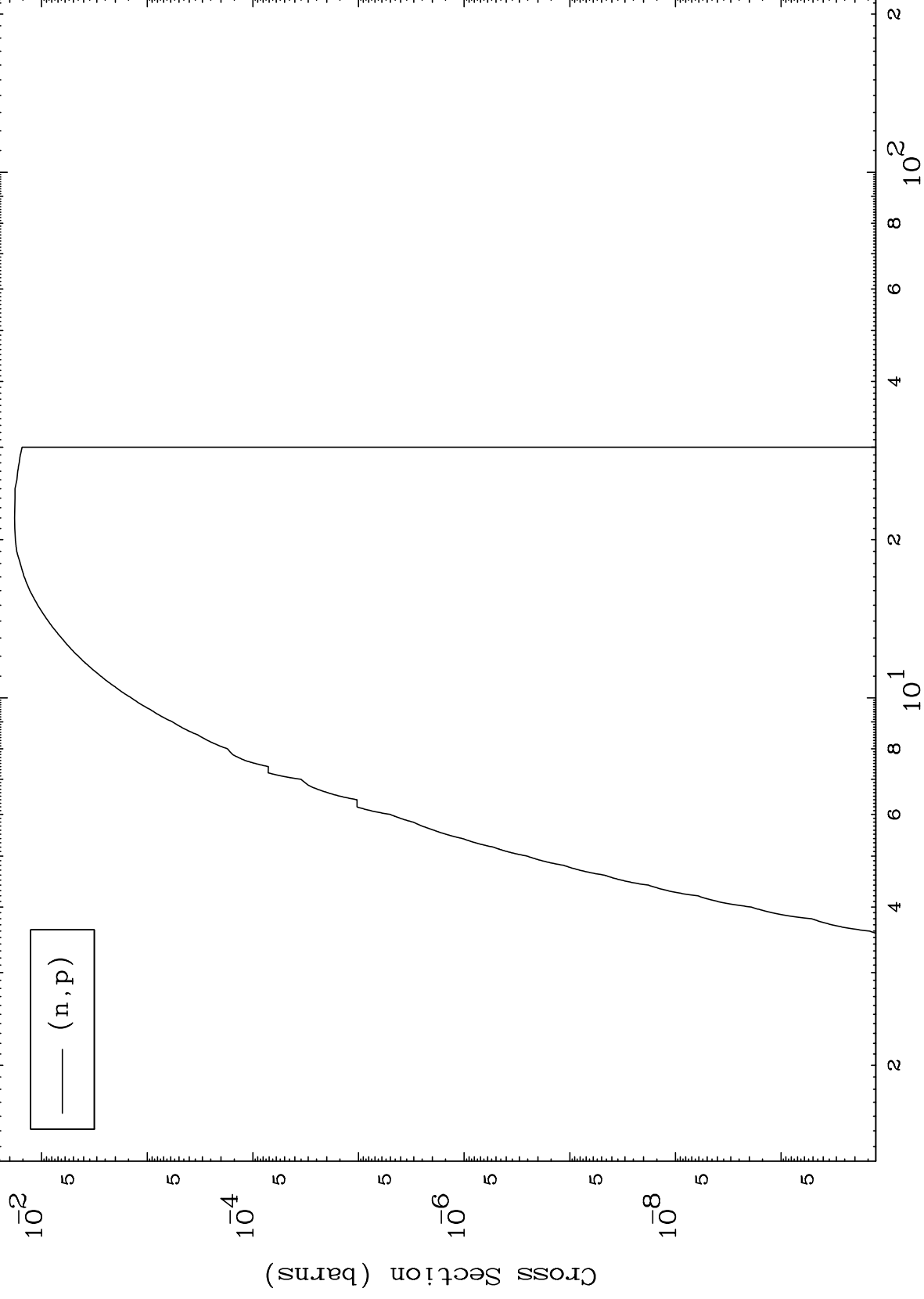




MAT 5737

(n,p) Levels
293 Kelvin Cross Sections

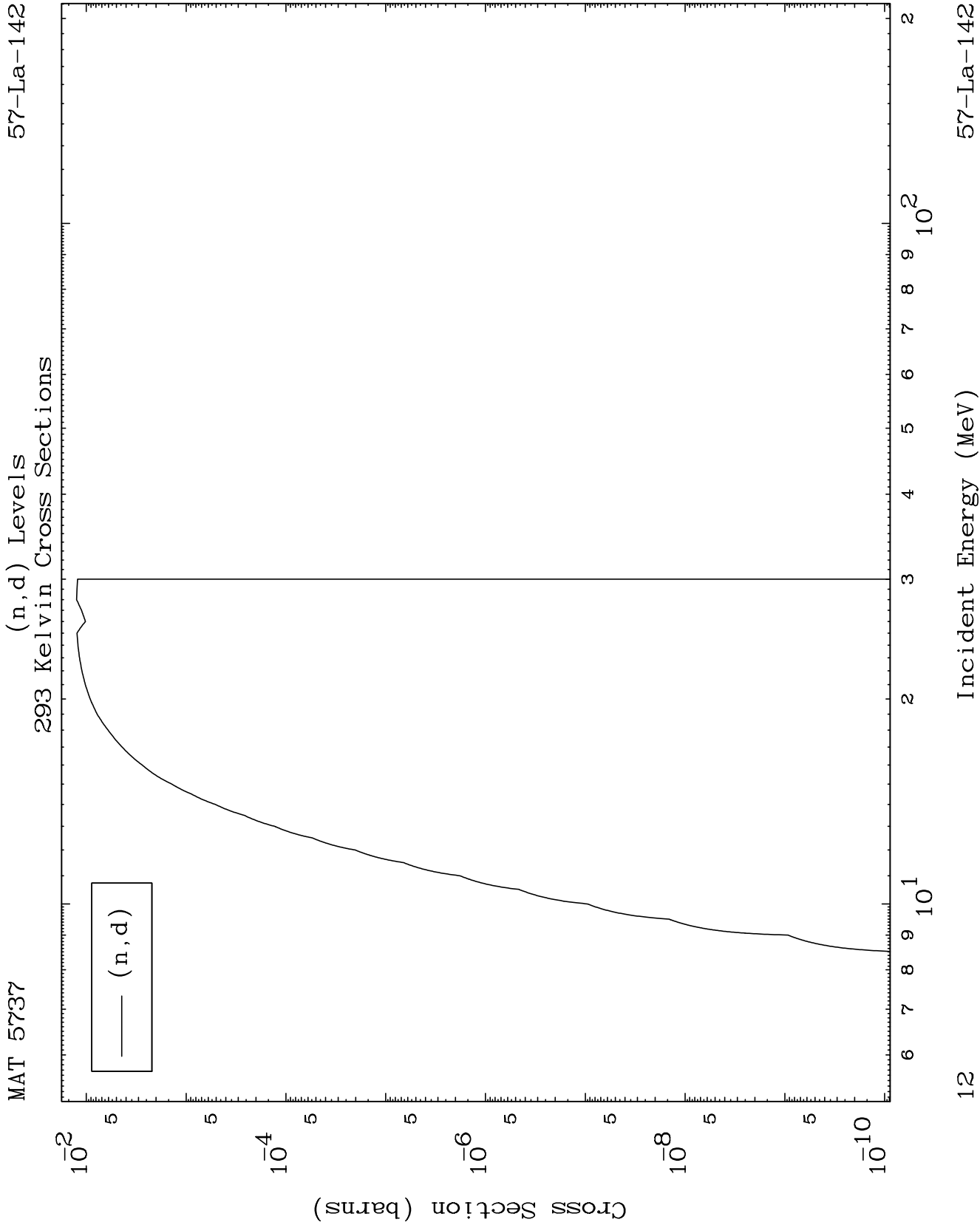
57-La-142

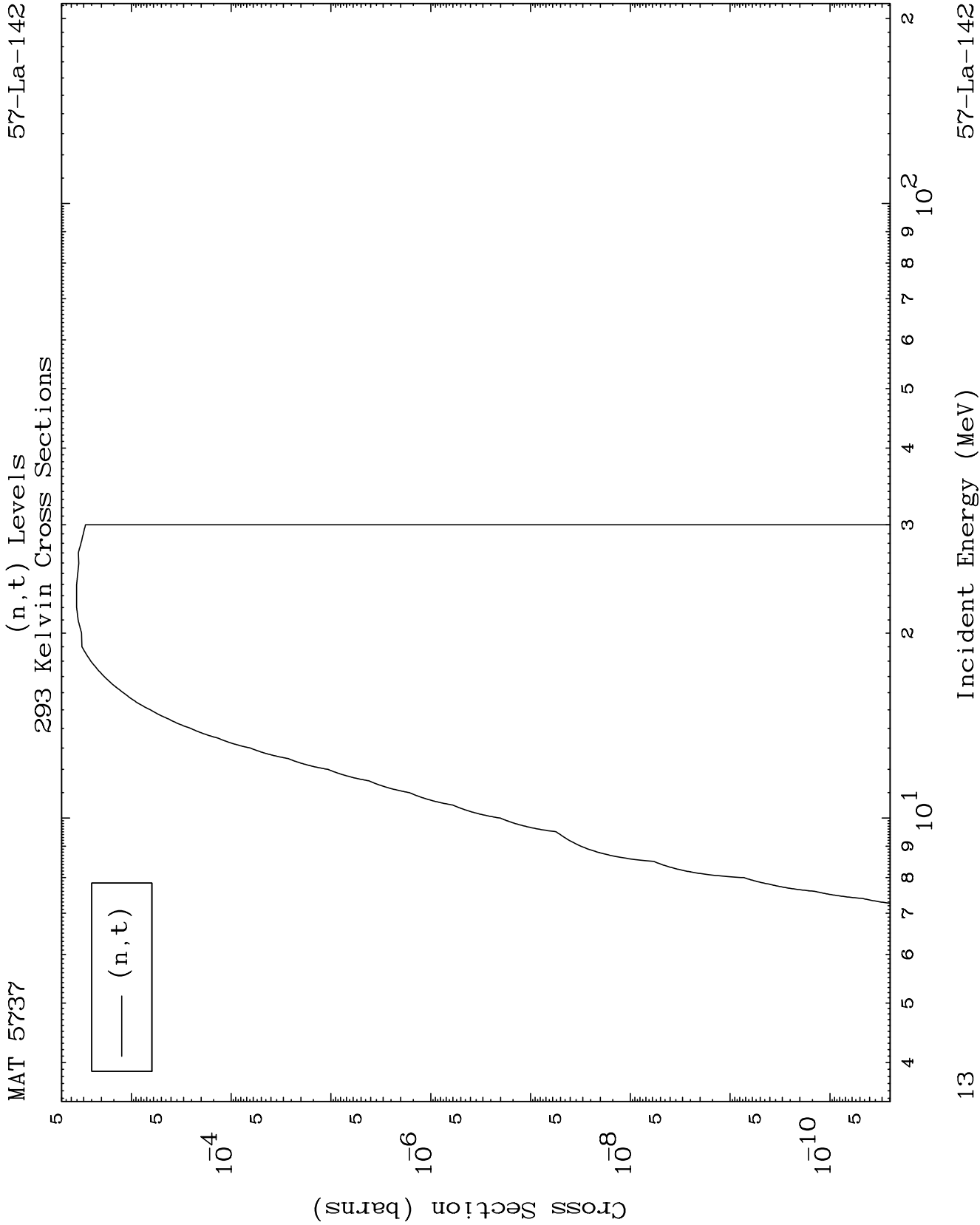


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Incident Energy (MeV)

57-La-142

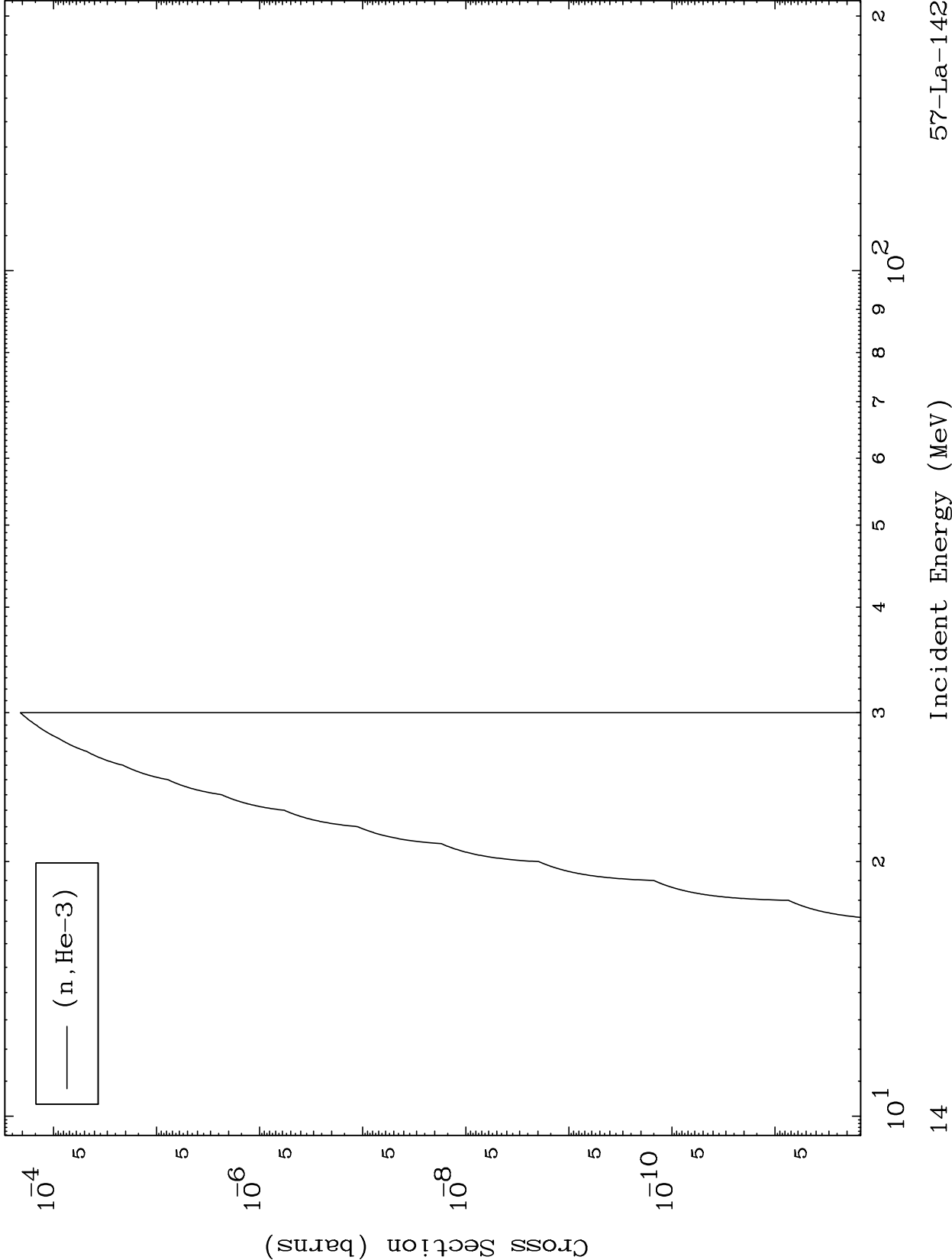




MAT 5737

(n,He3) Levels
293 Kelvin Cross Sections

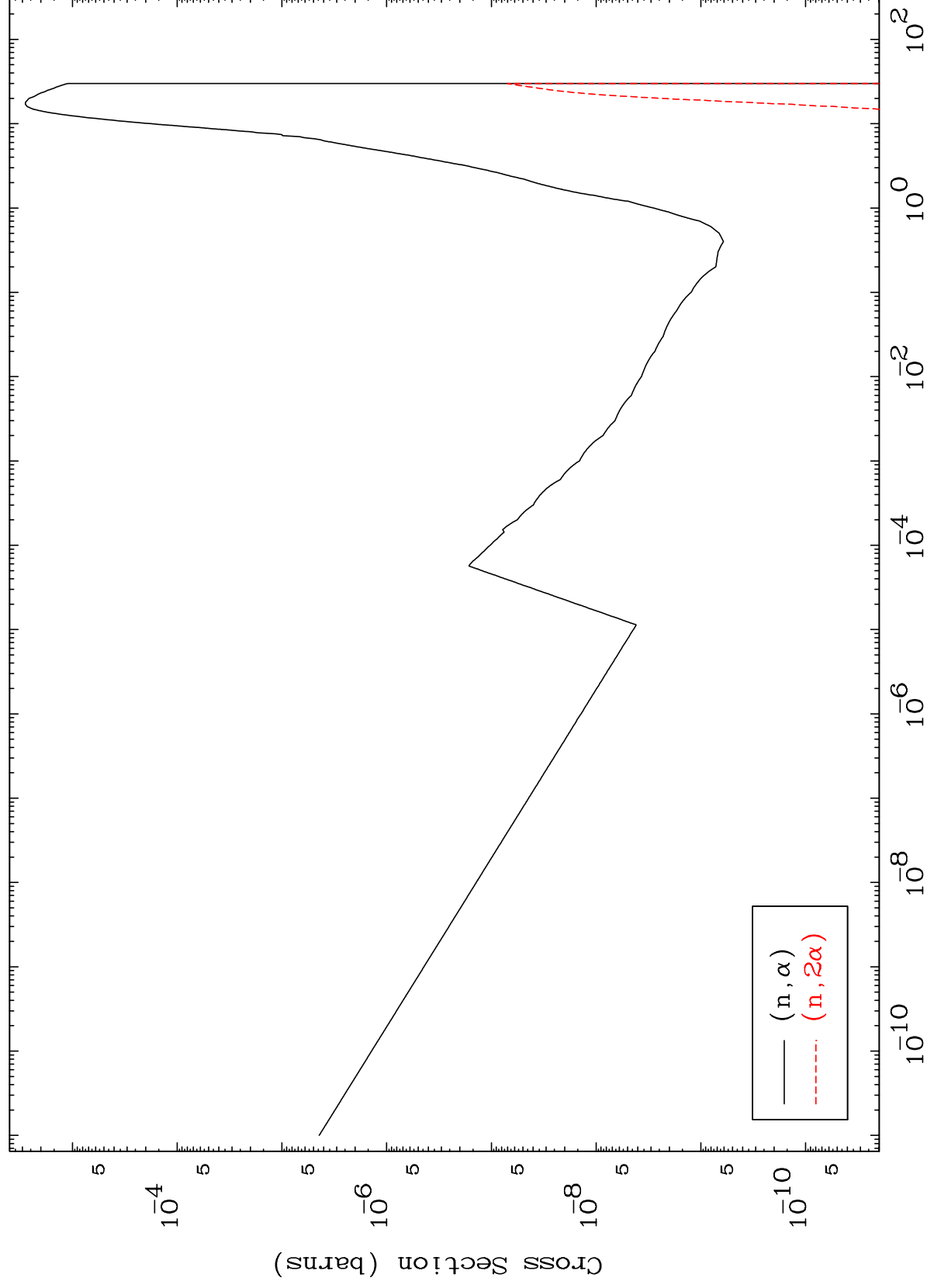
57-La-142



MAT 5737

(n, α) Levels
293 Kelvin Cross Sections

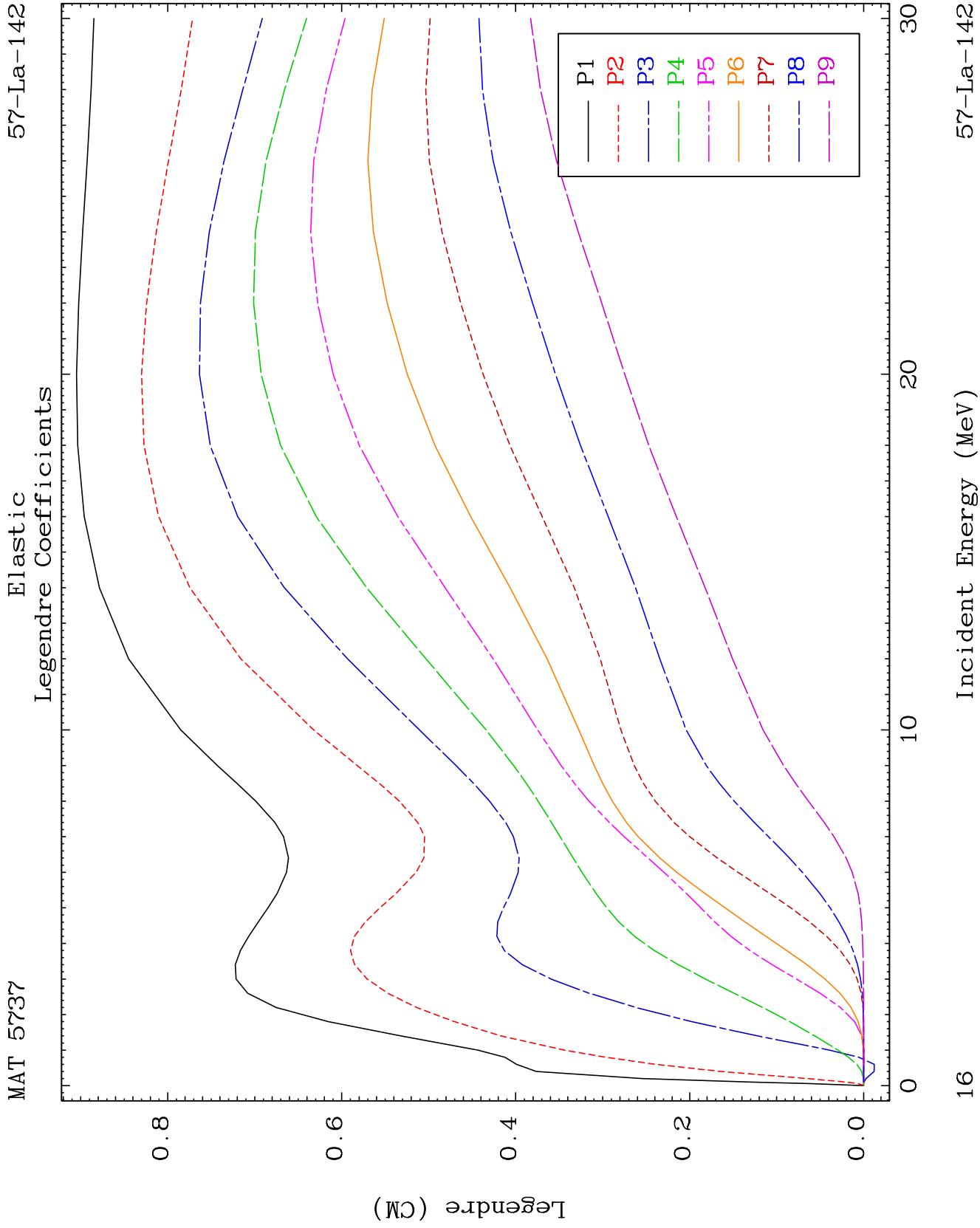
57-La-142

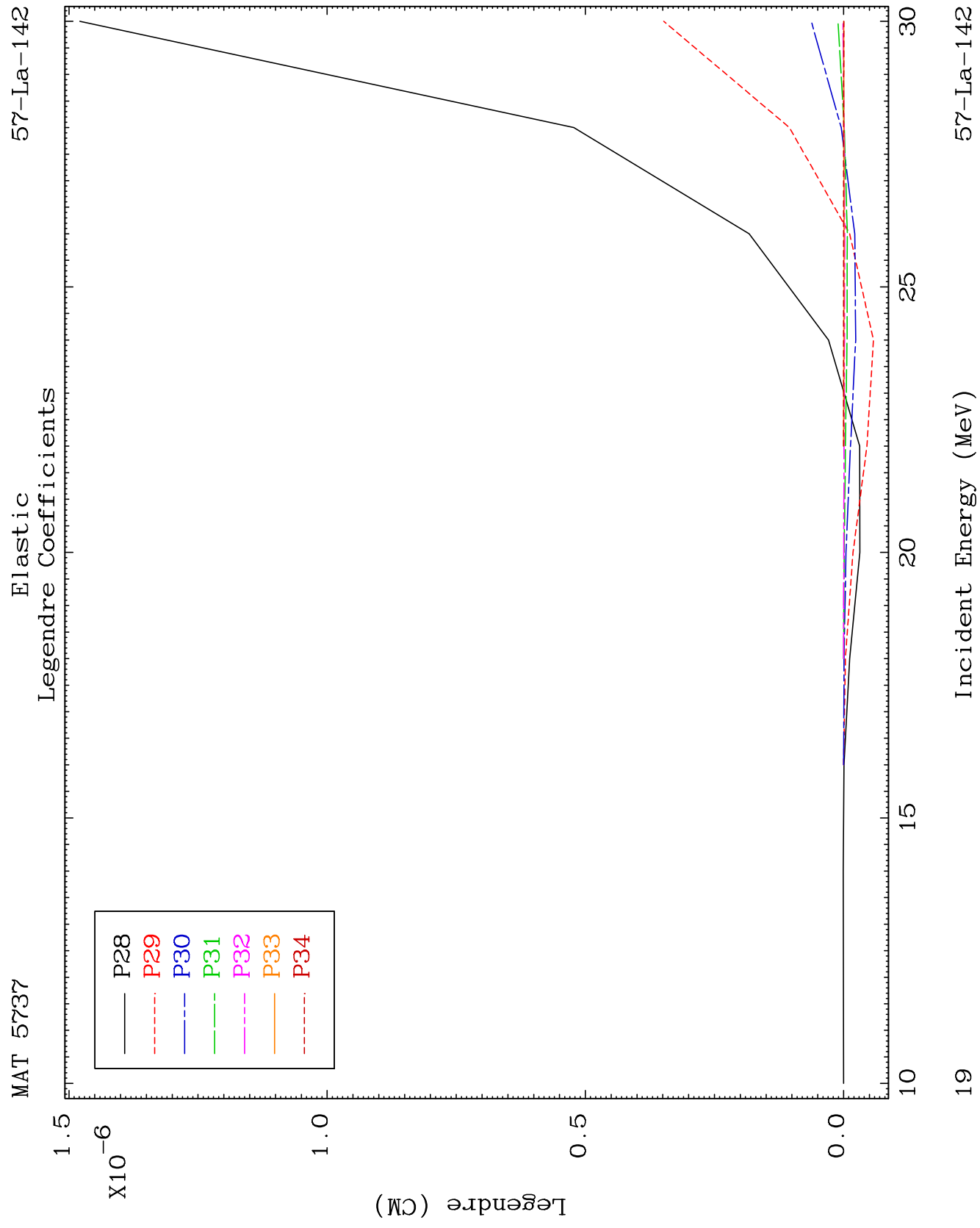


15

Incident Energy (MeV)

57-La-142

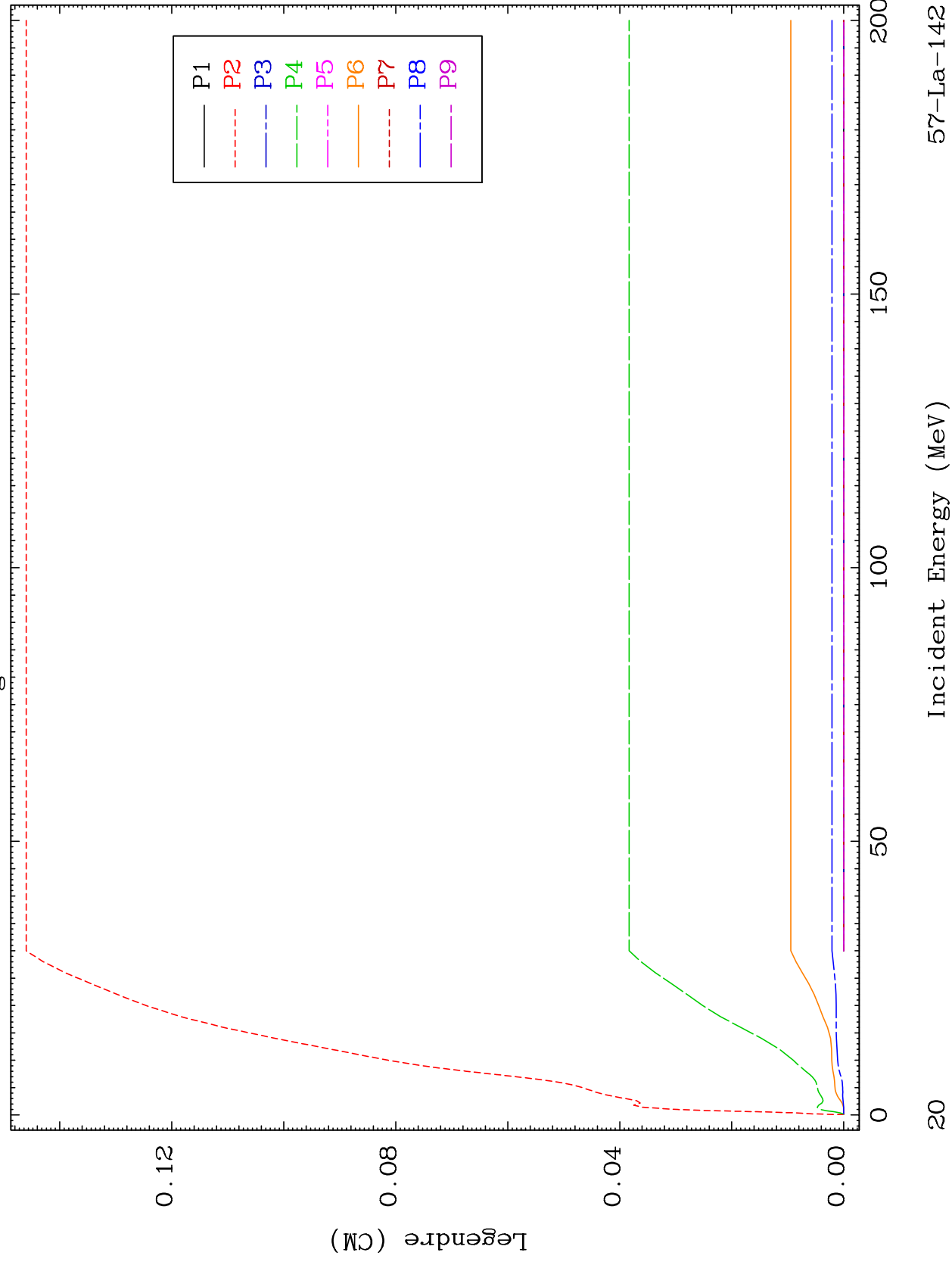


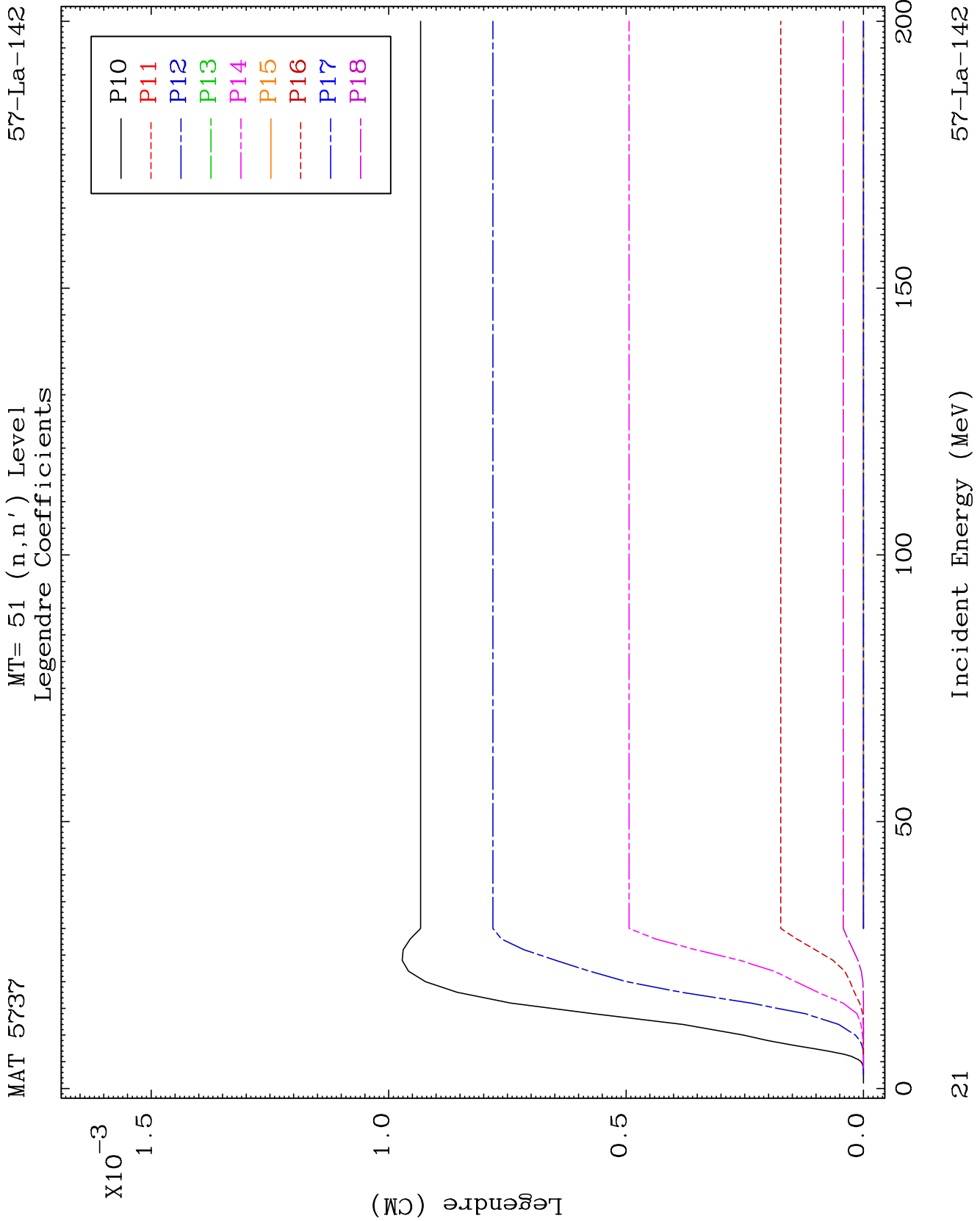


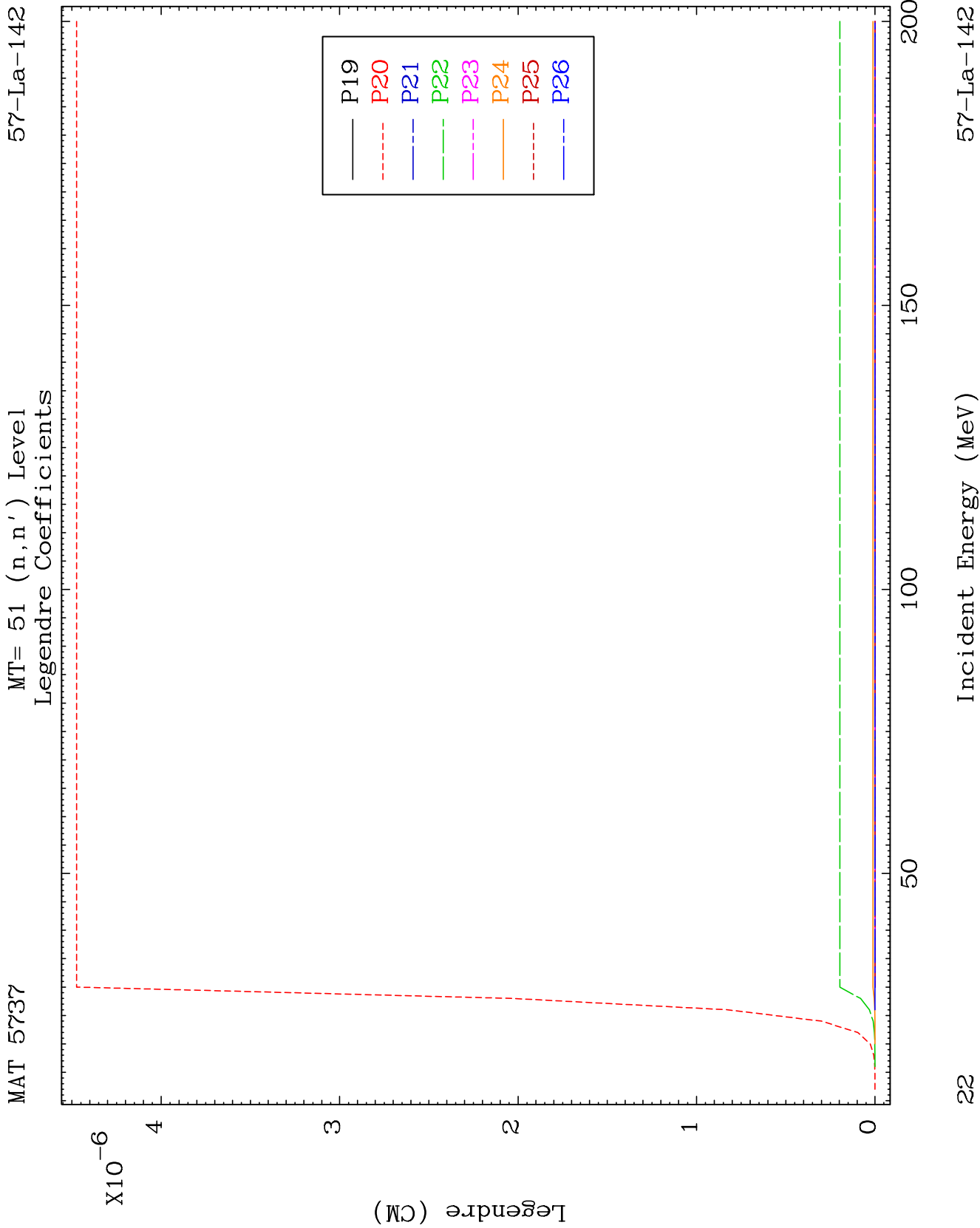
MAT 5737

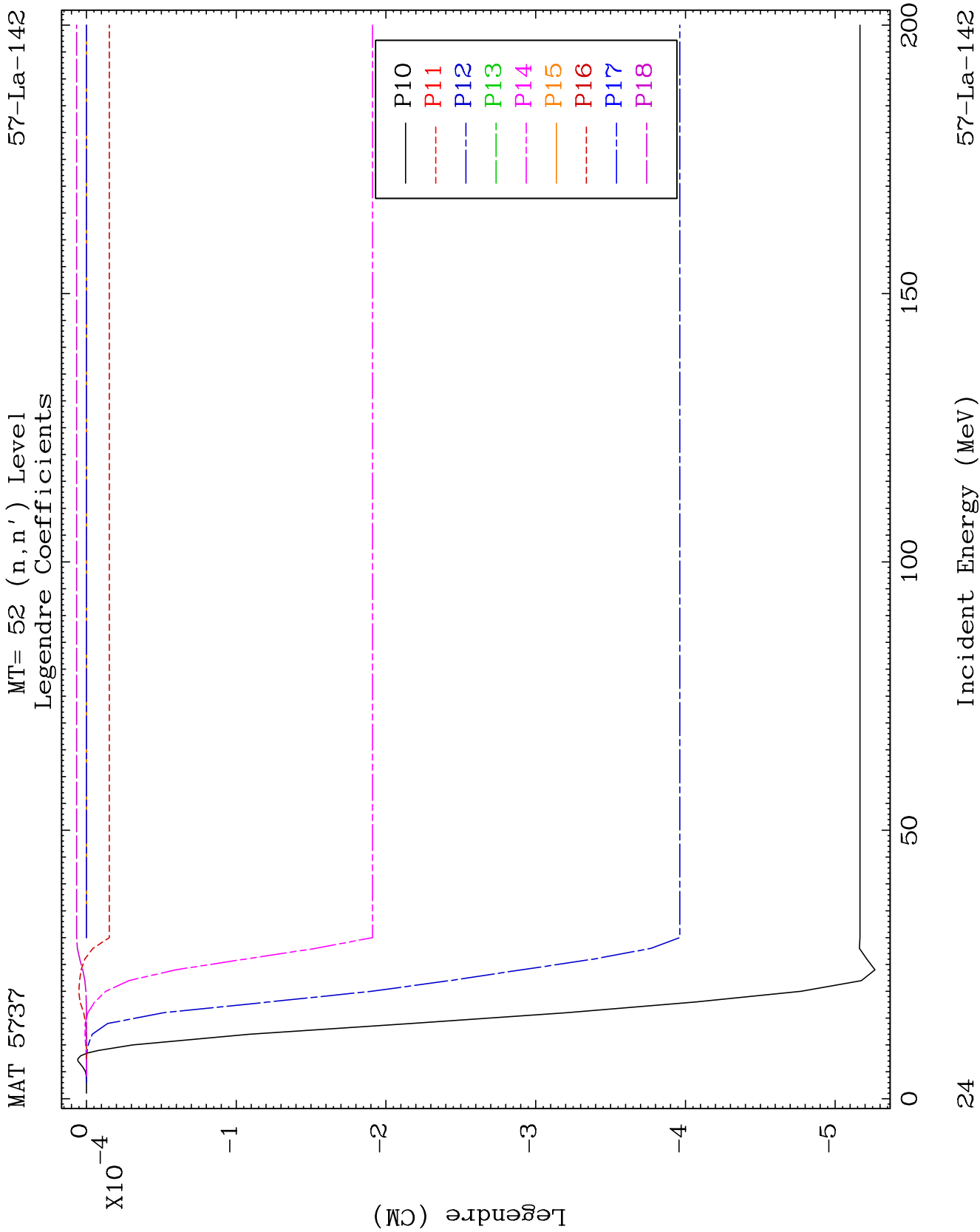
MT= 51 (n, n') Level
Legendre Coefficients

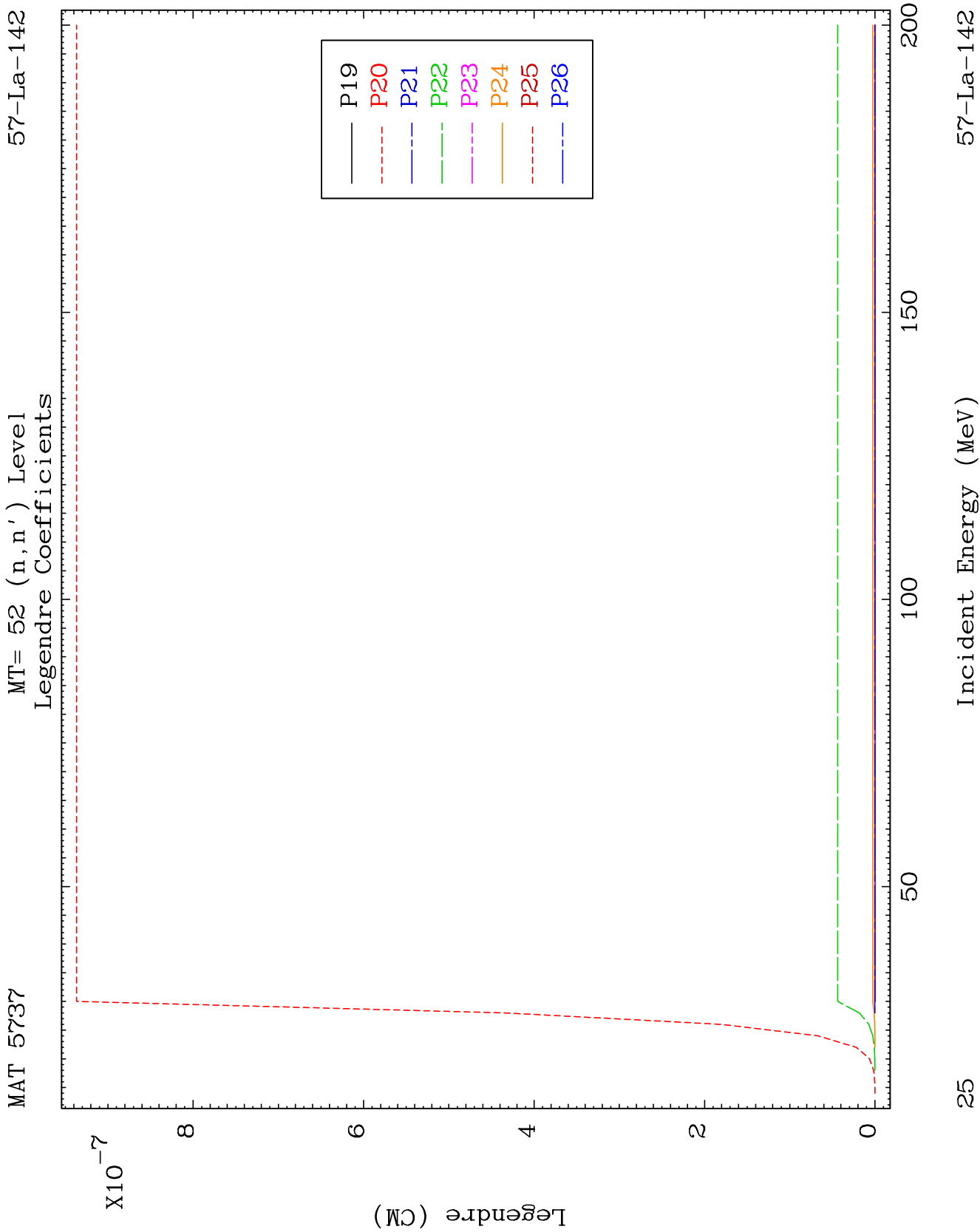
57-La-142







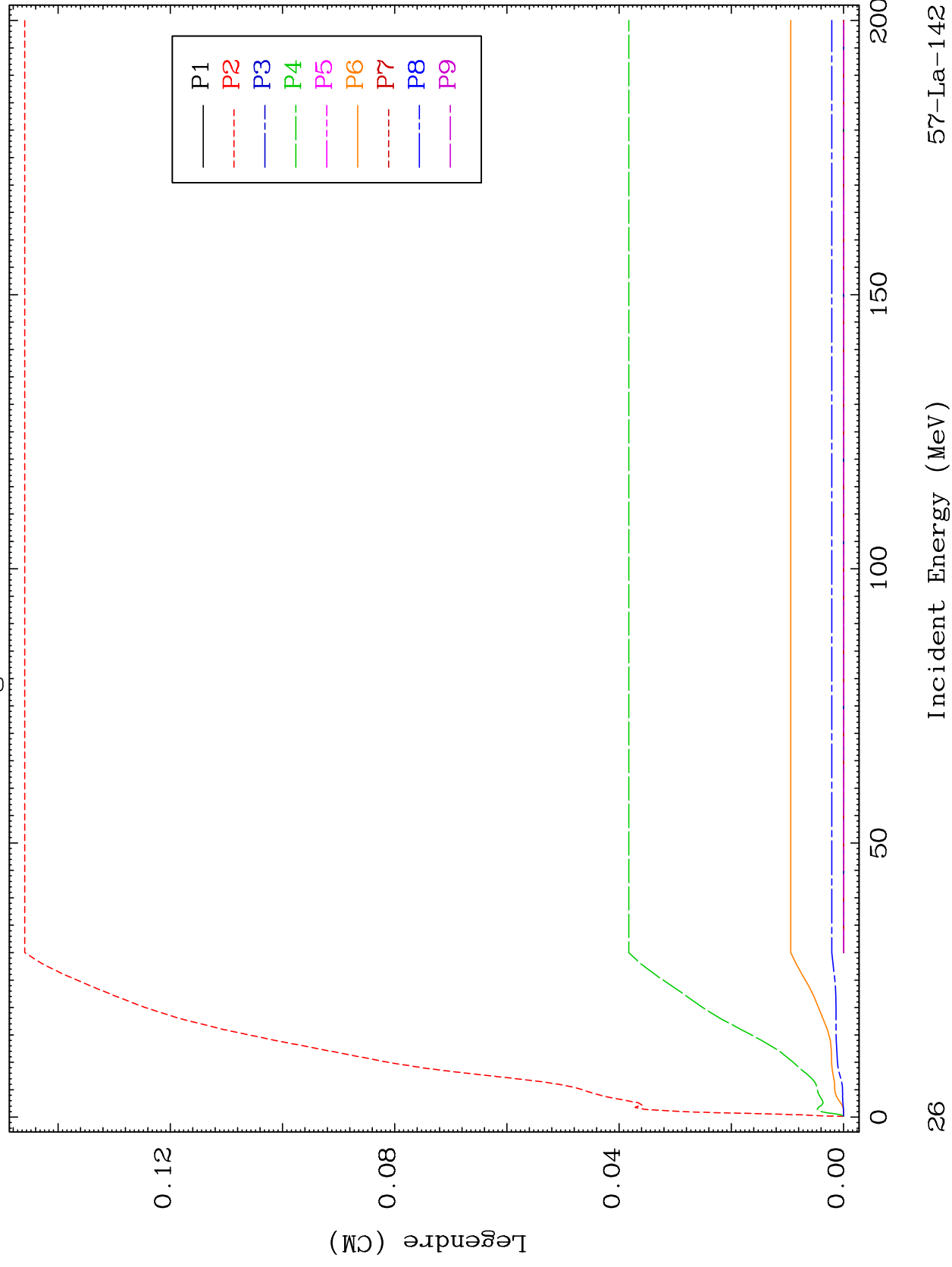


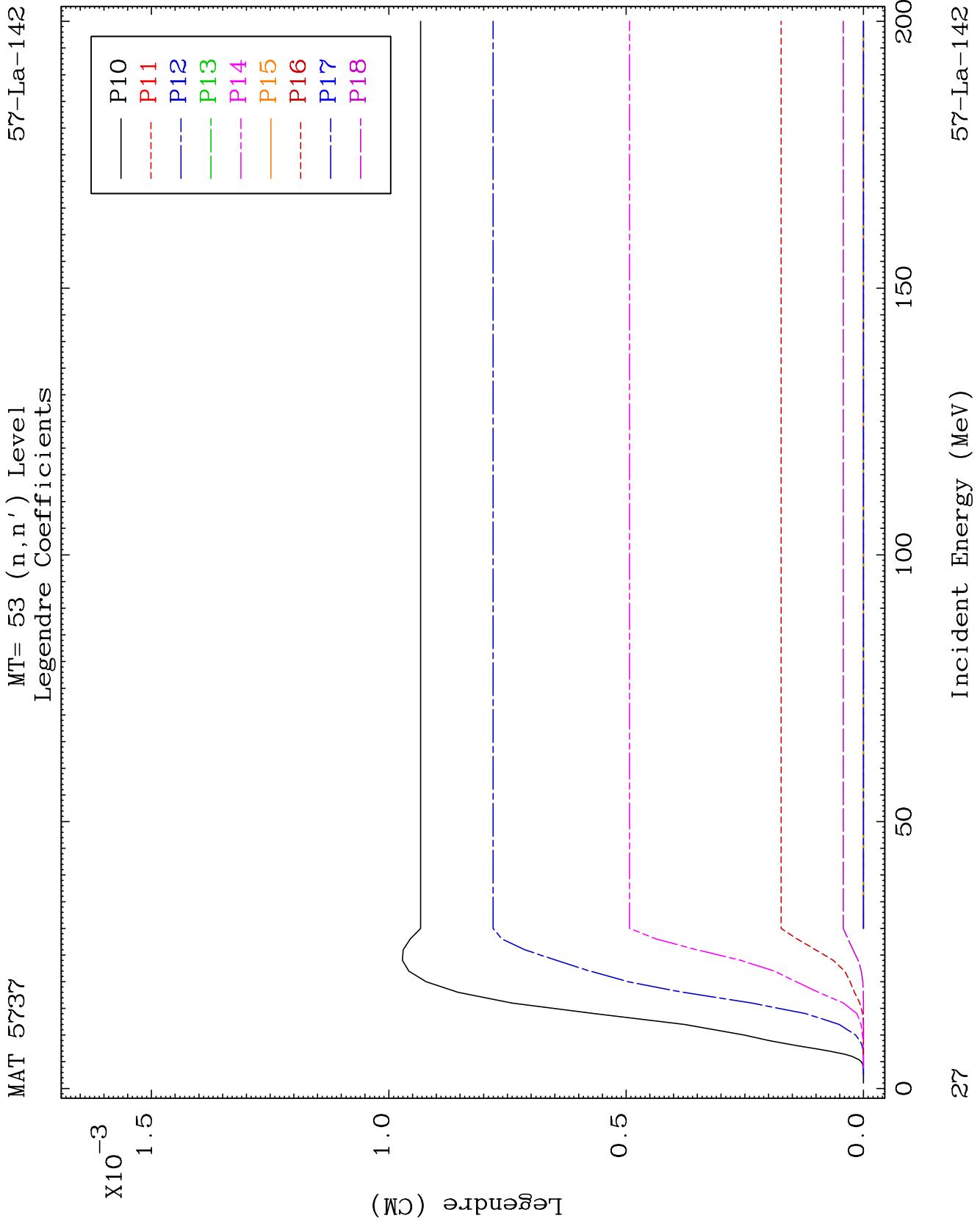


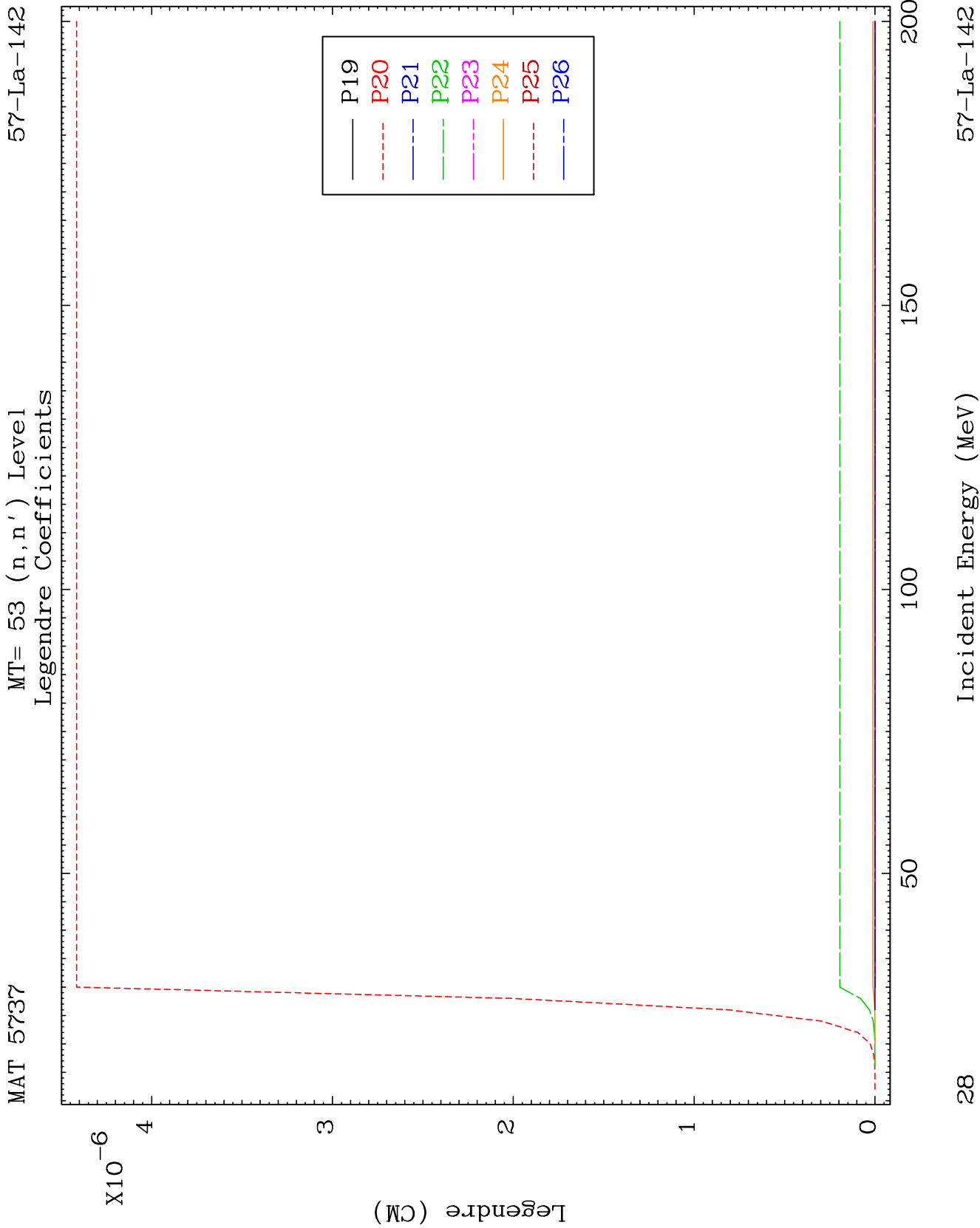
MAT 5737

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

57-La-142



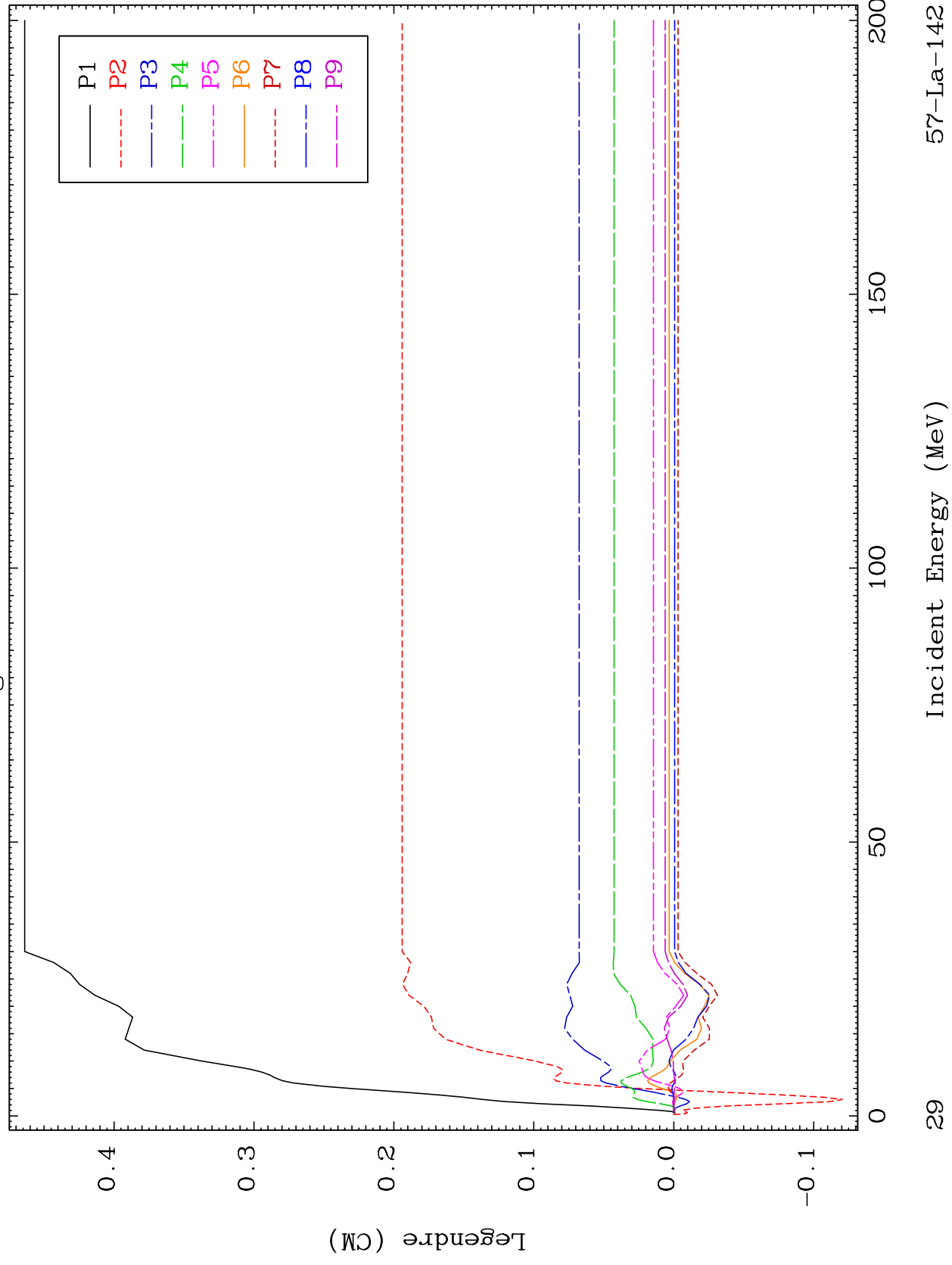


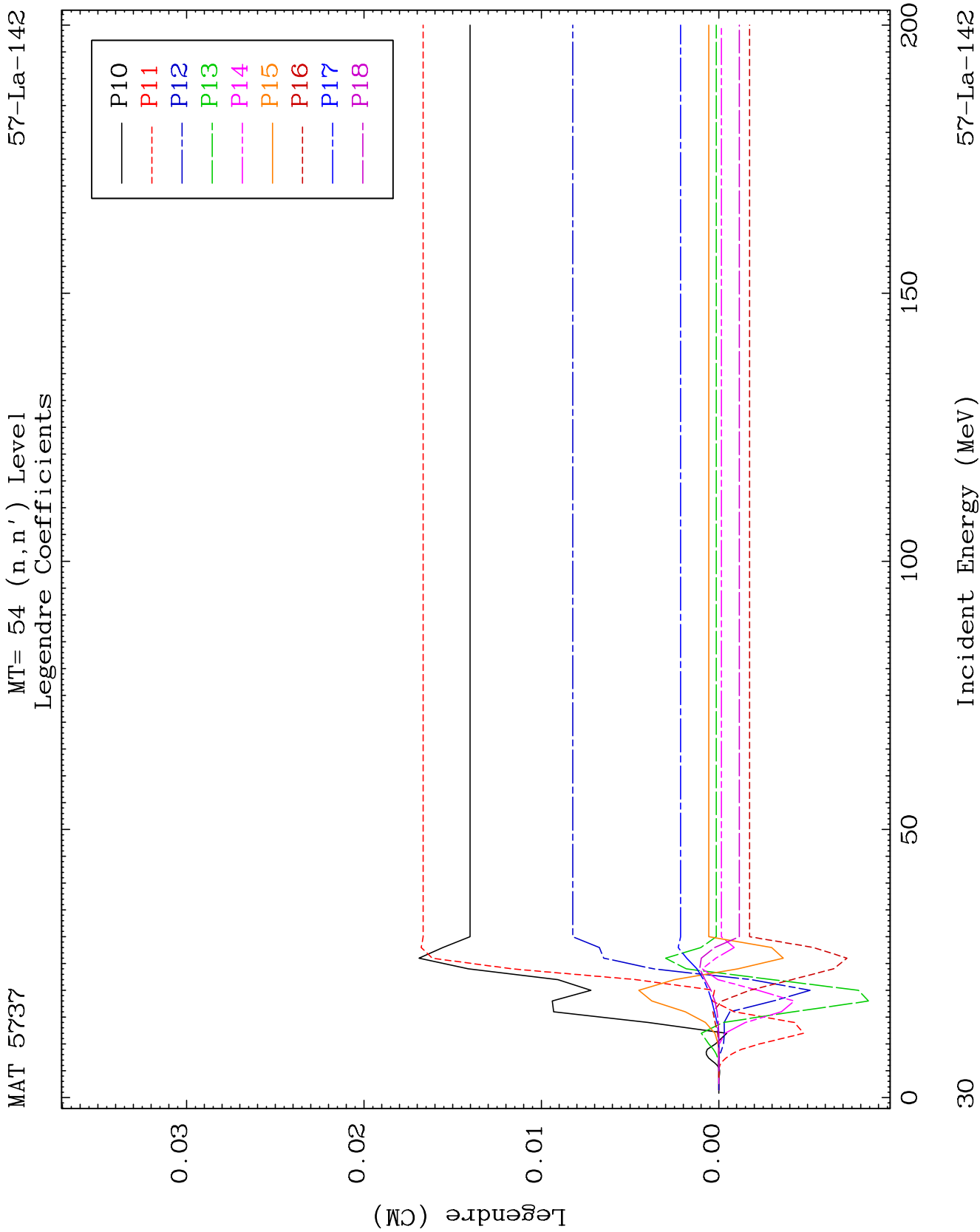


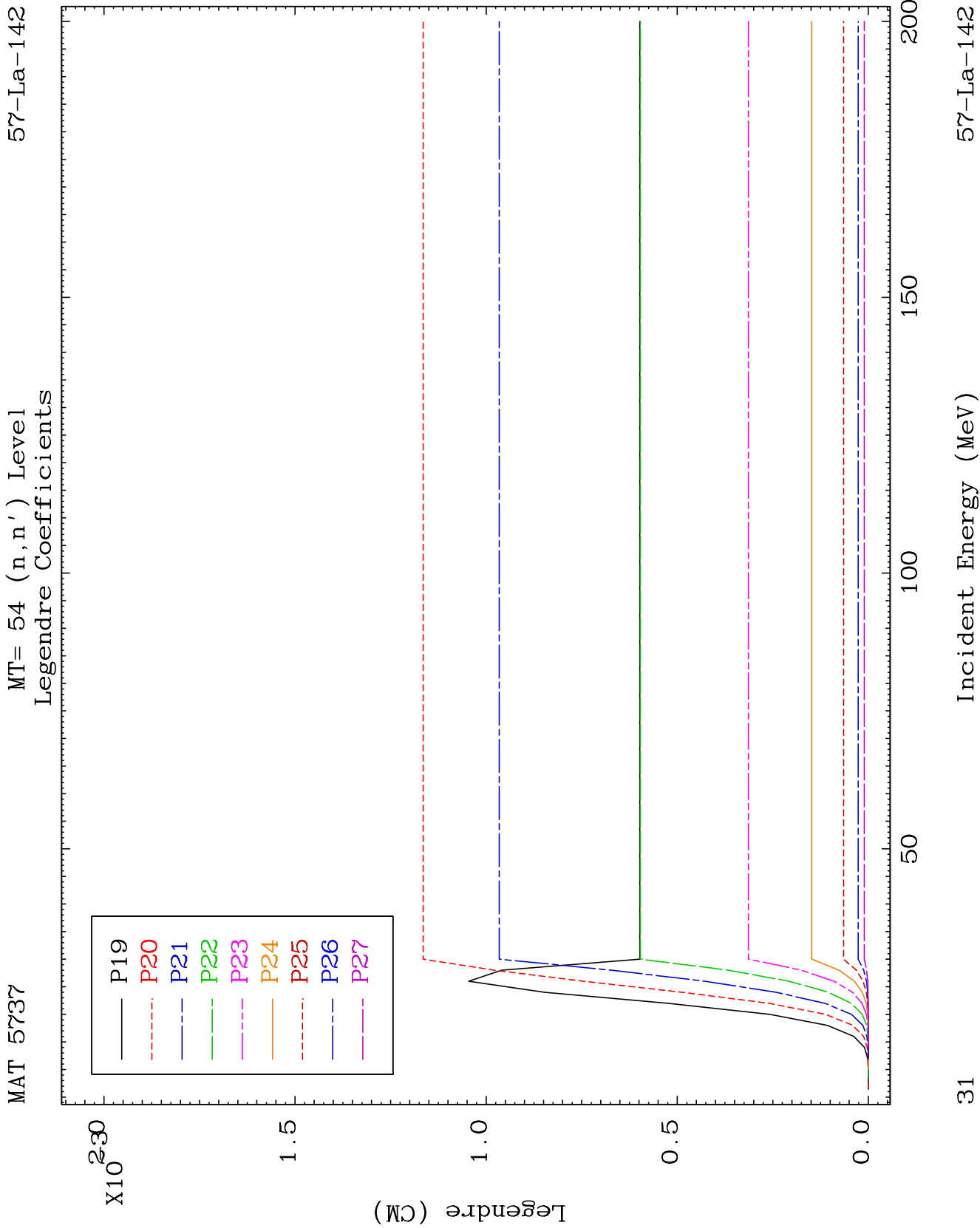
MAT 5737

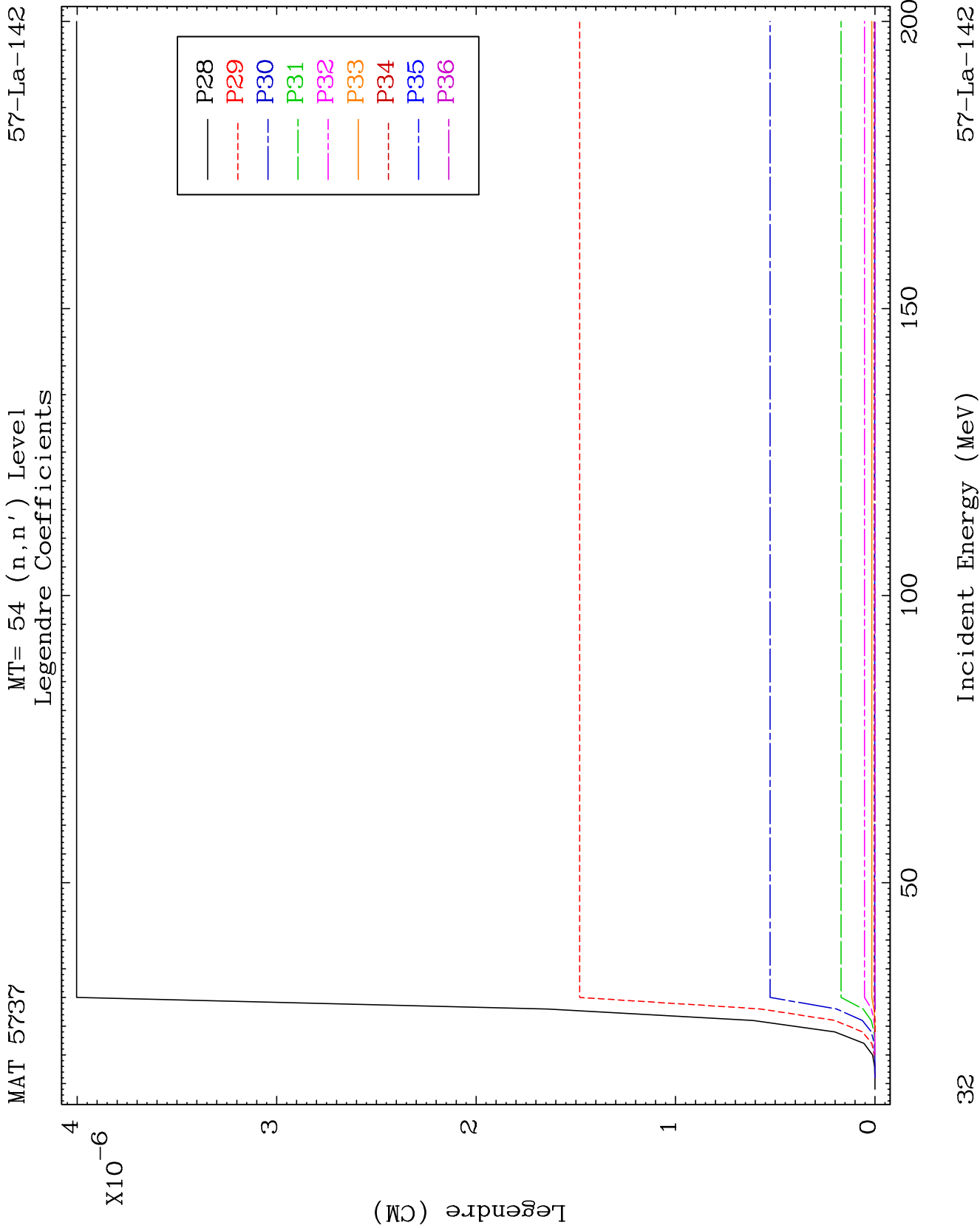
MT= 54 (n, n') Level
Legendre Coefficients

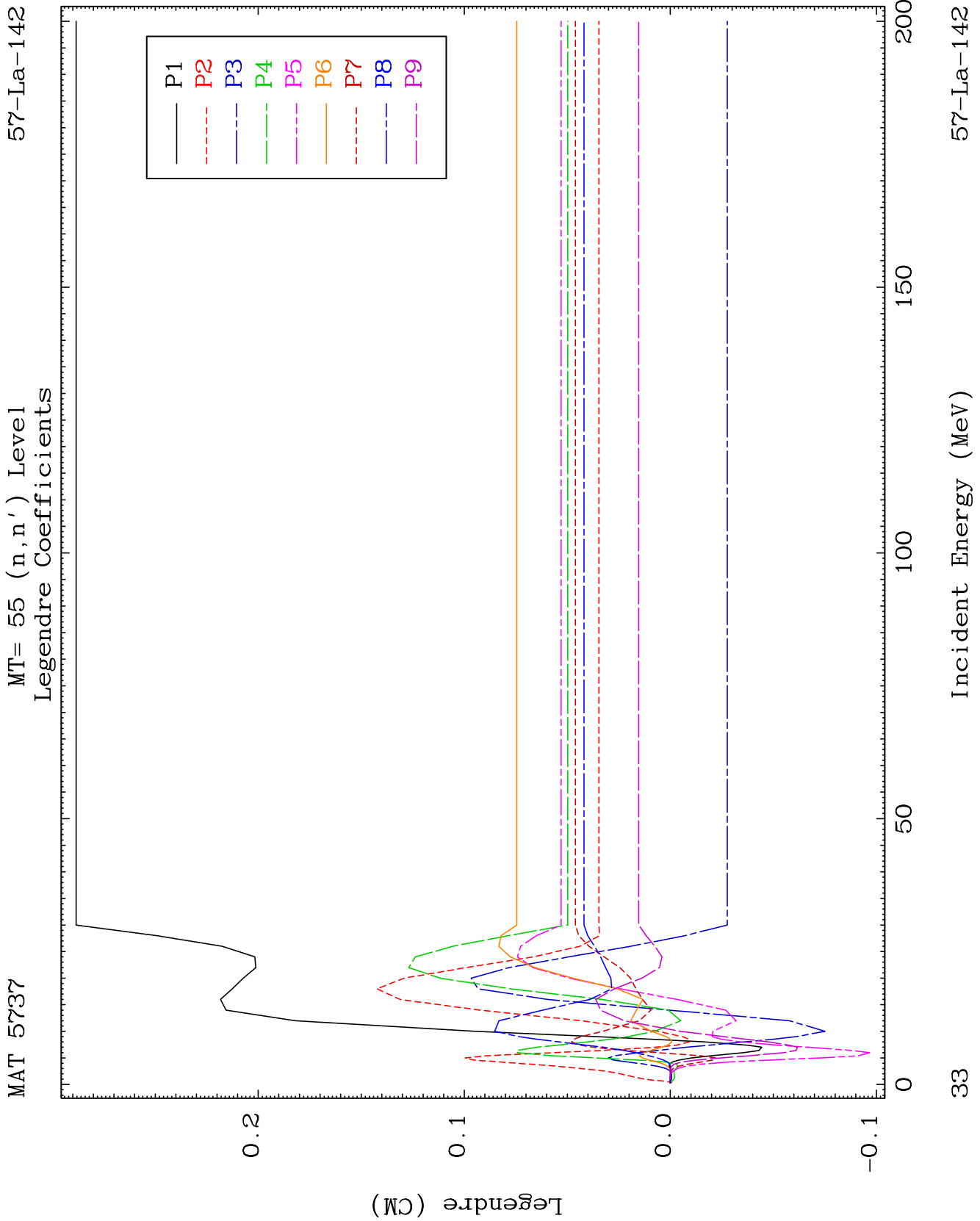
57-La-142

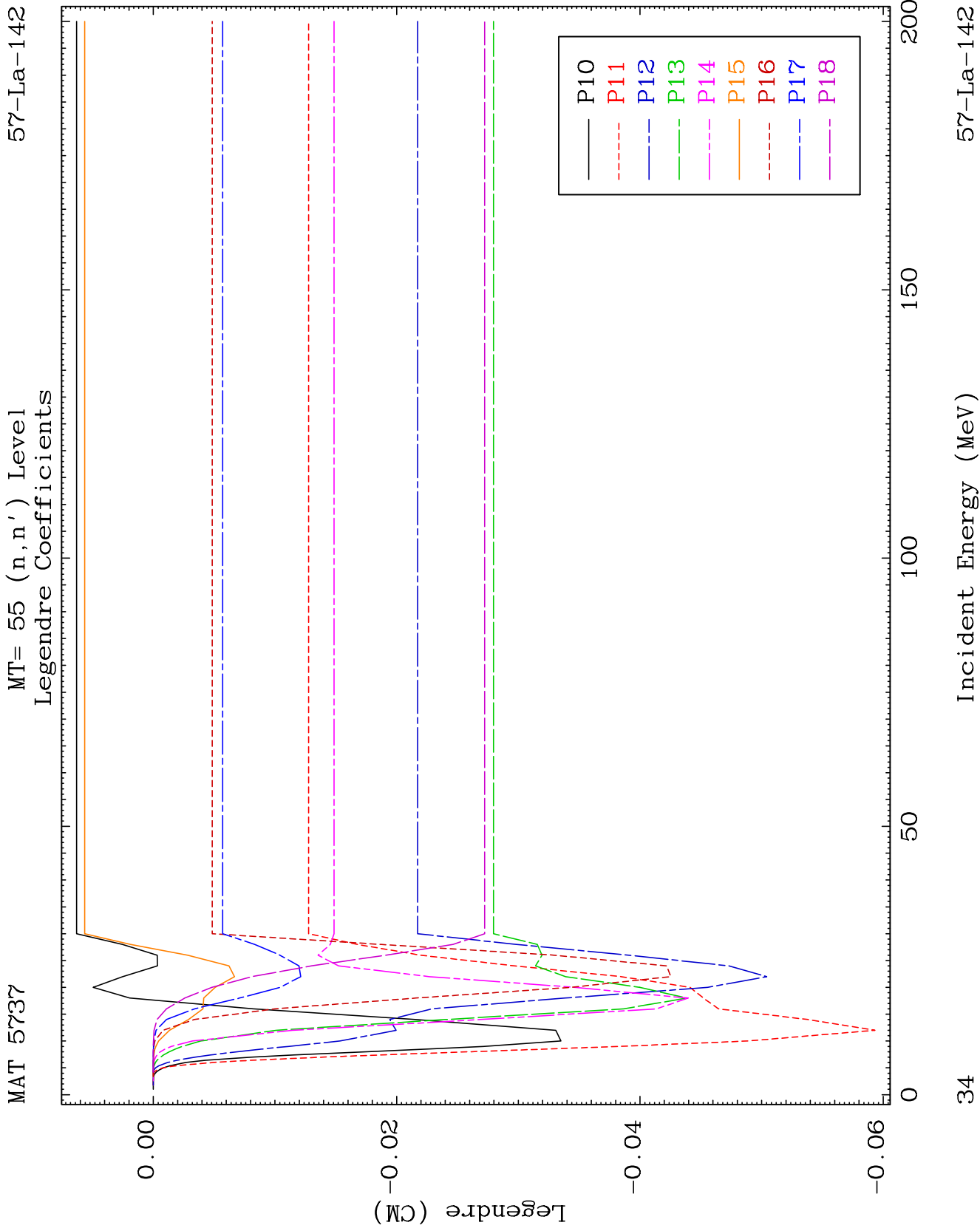


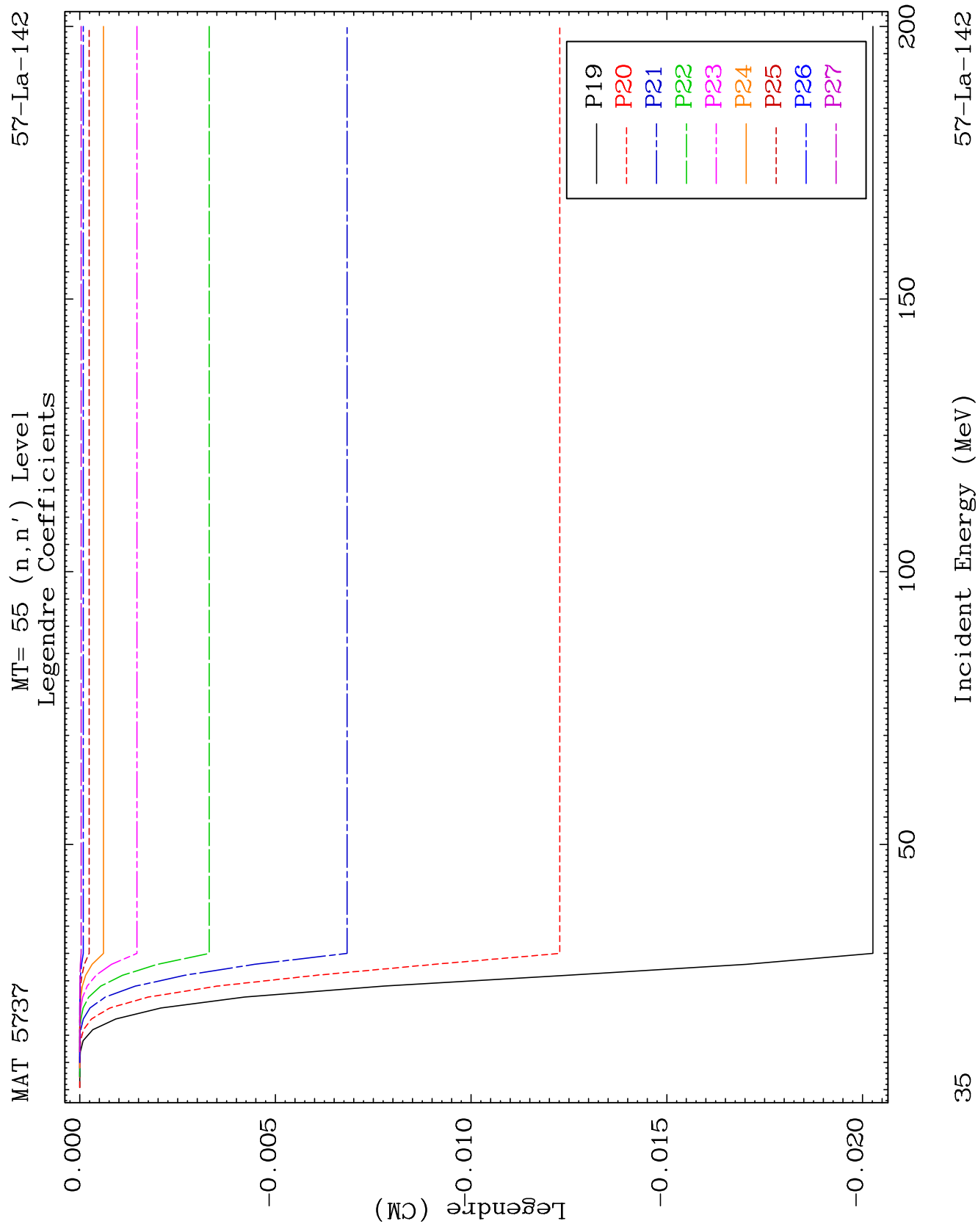


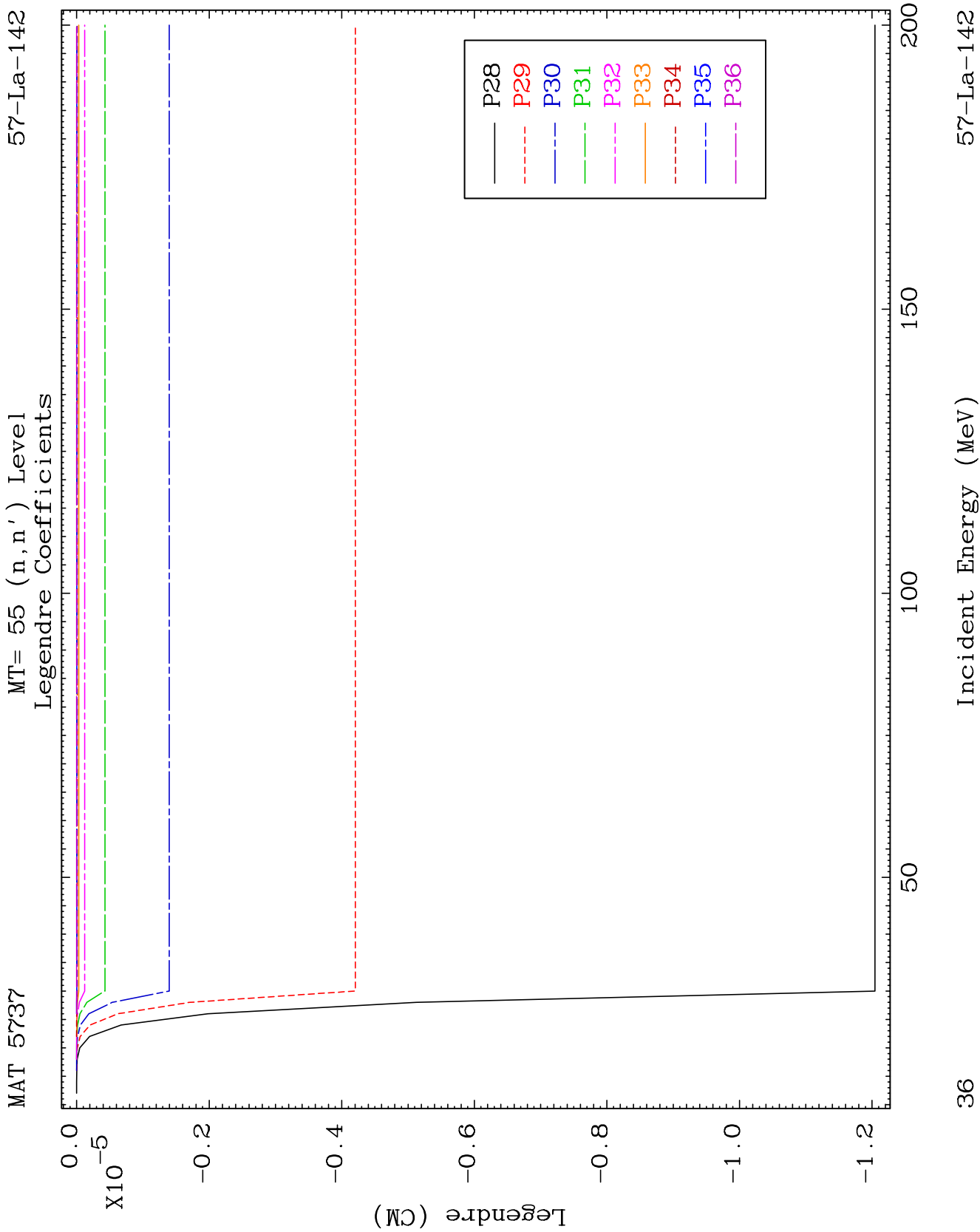


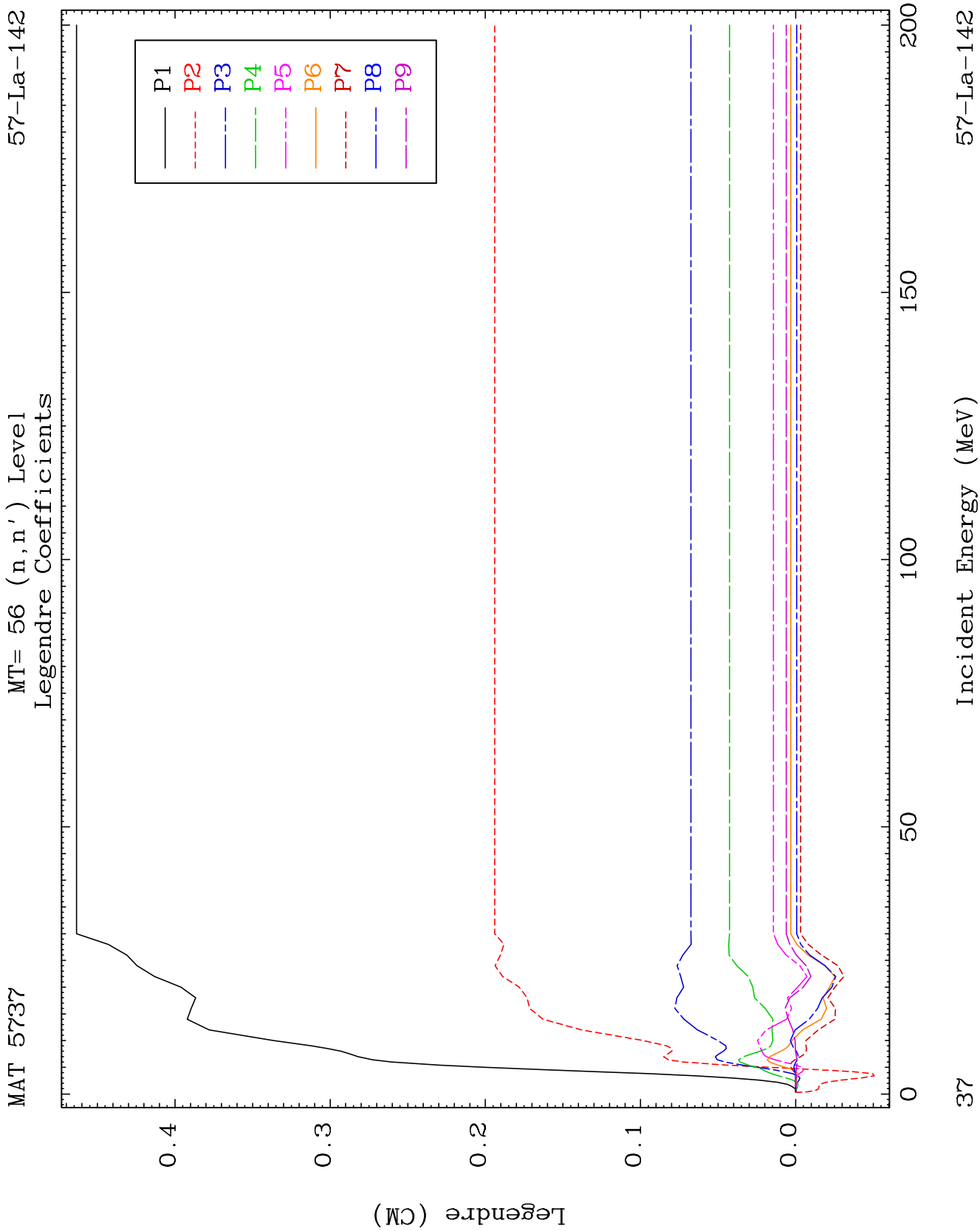


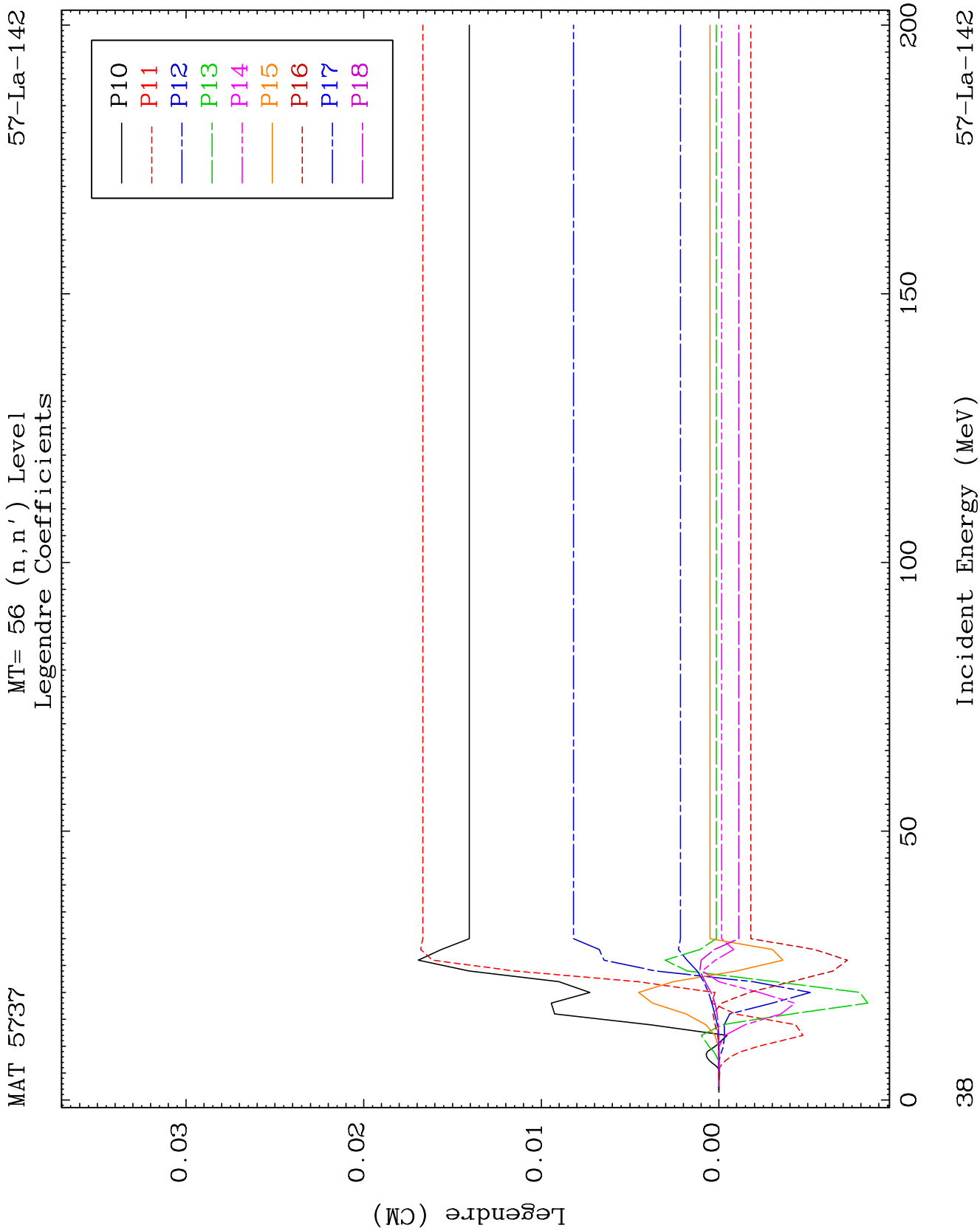








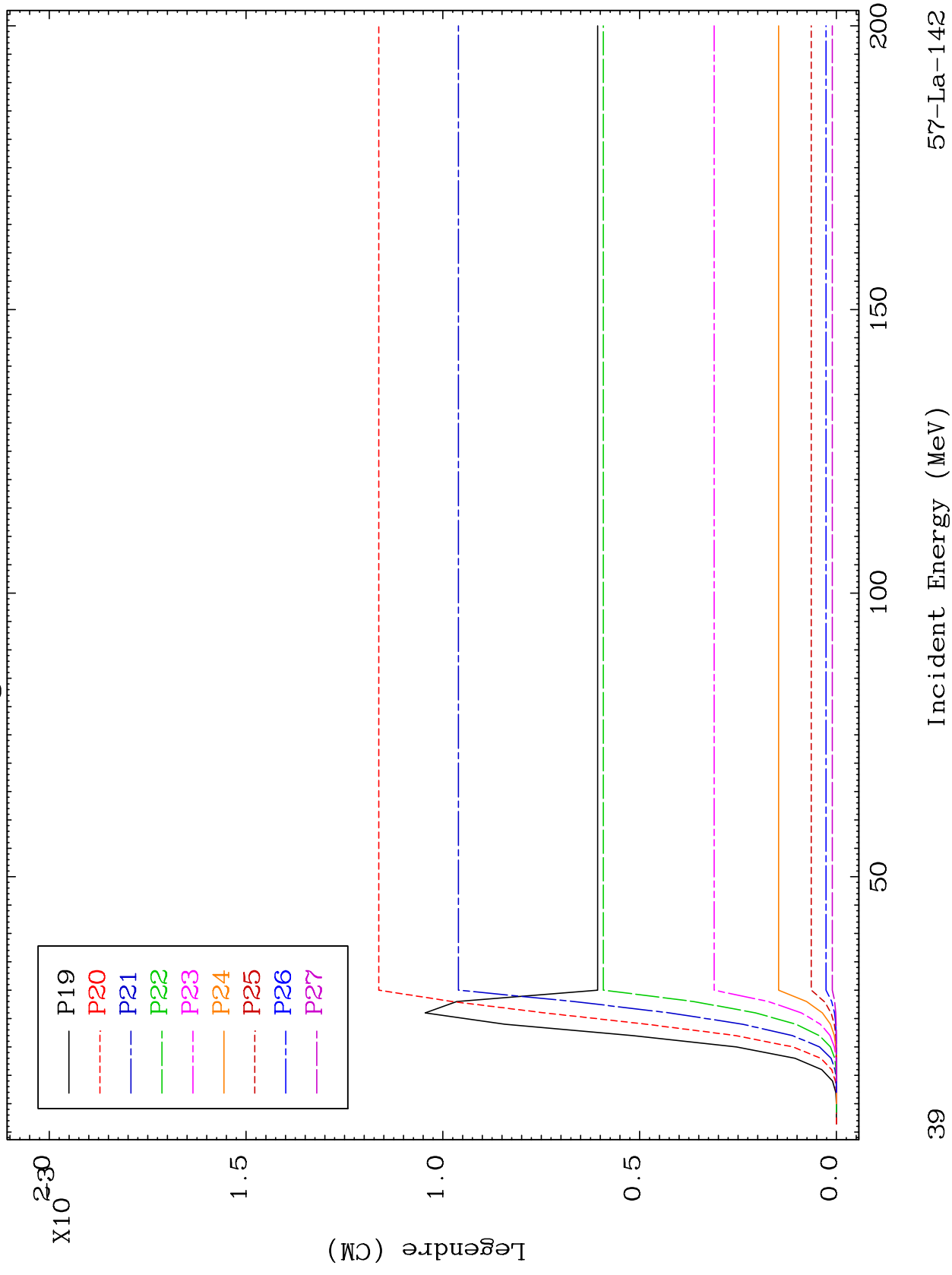


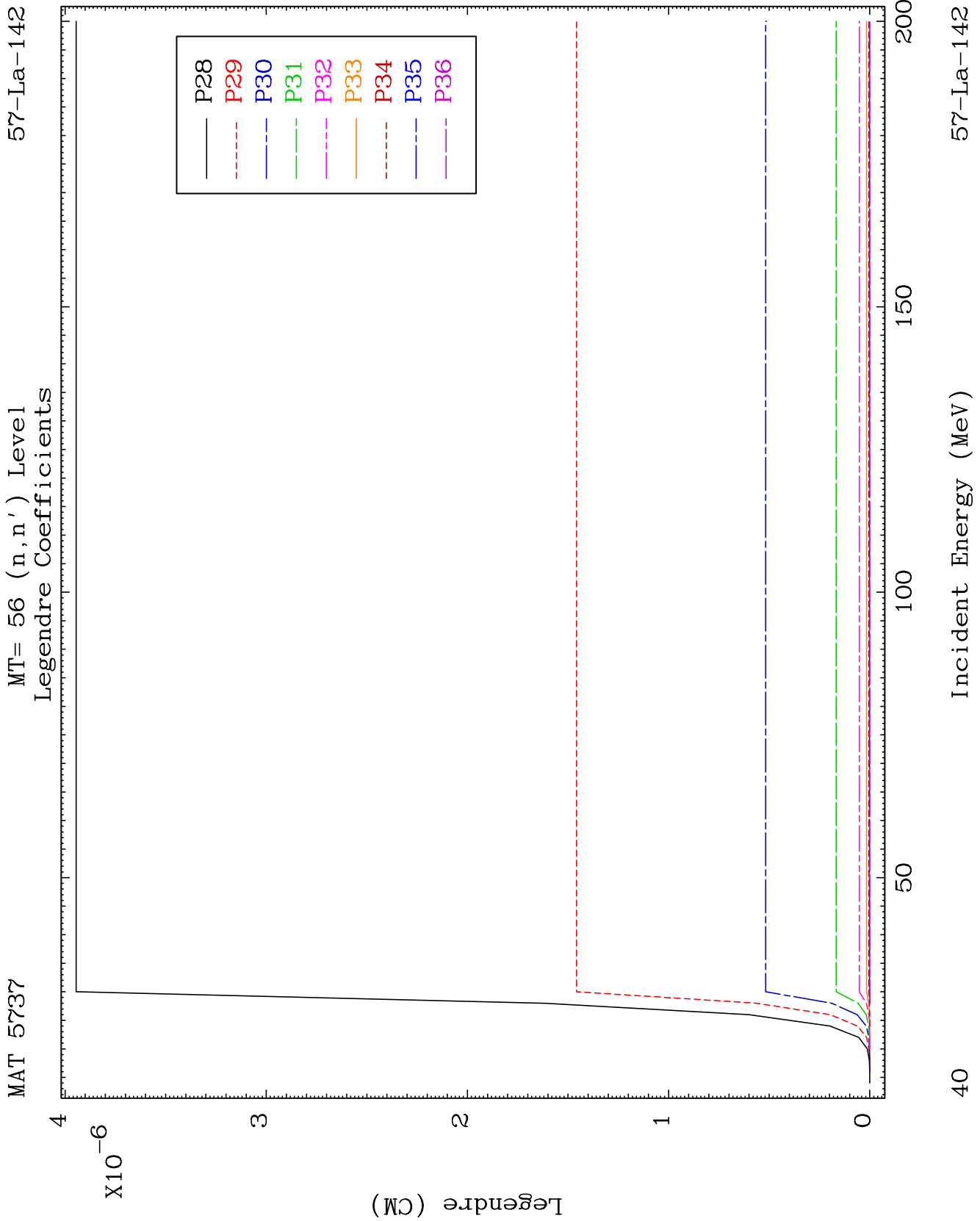


MAT 5737

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

57-La-142

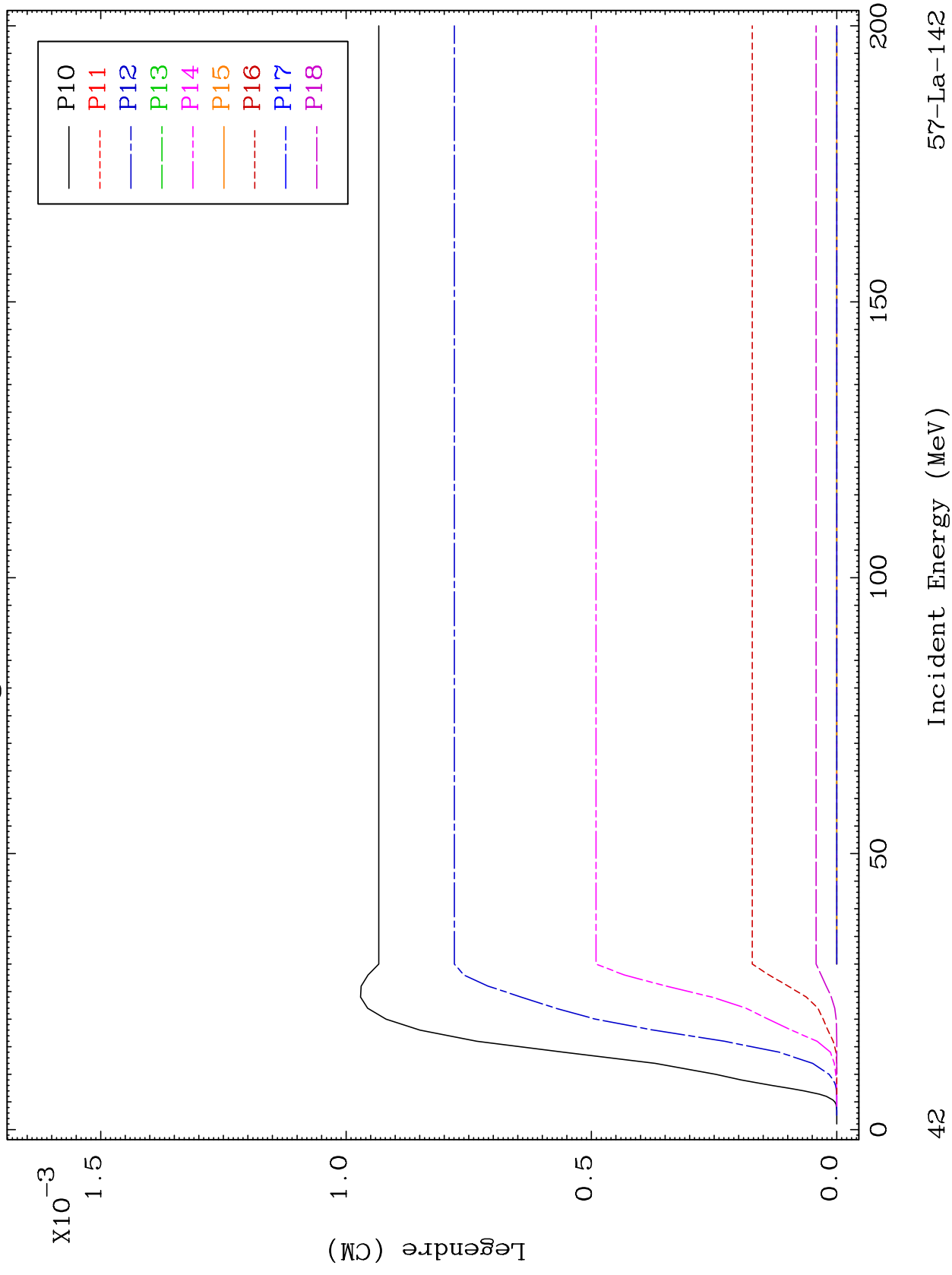


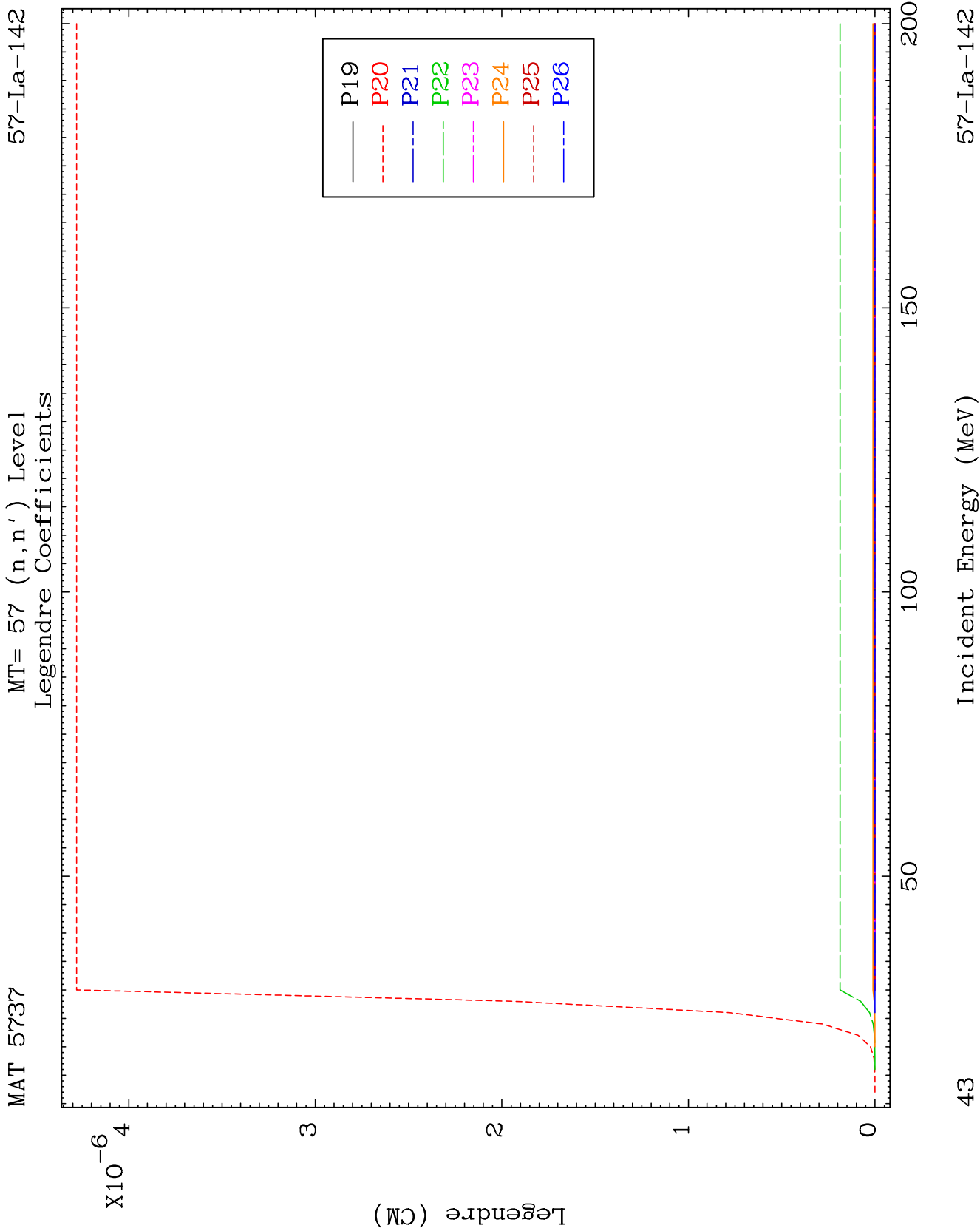


MAT 5737

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

57-La-142

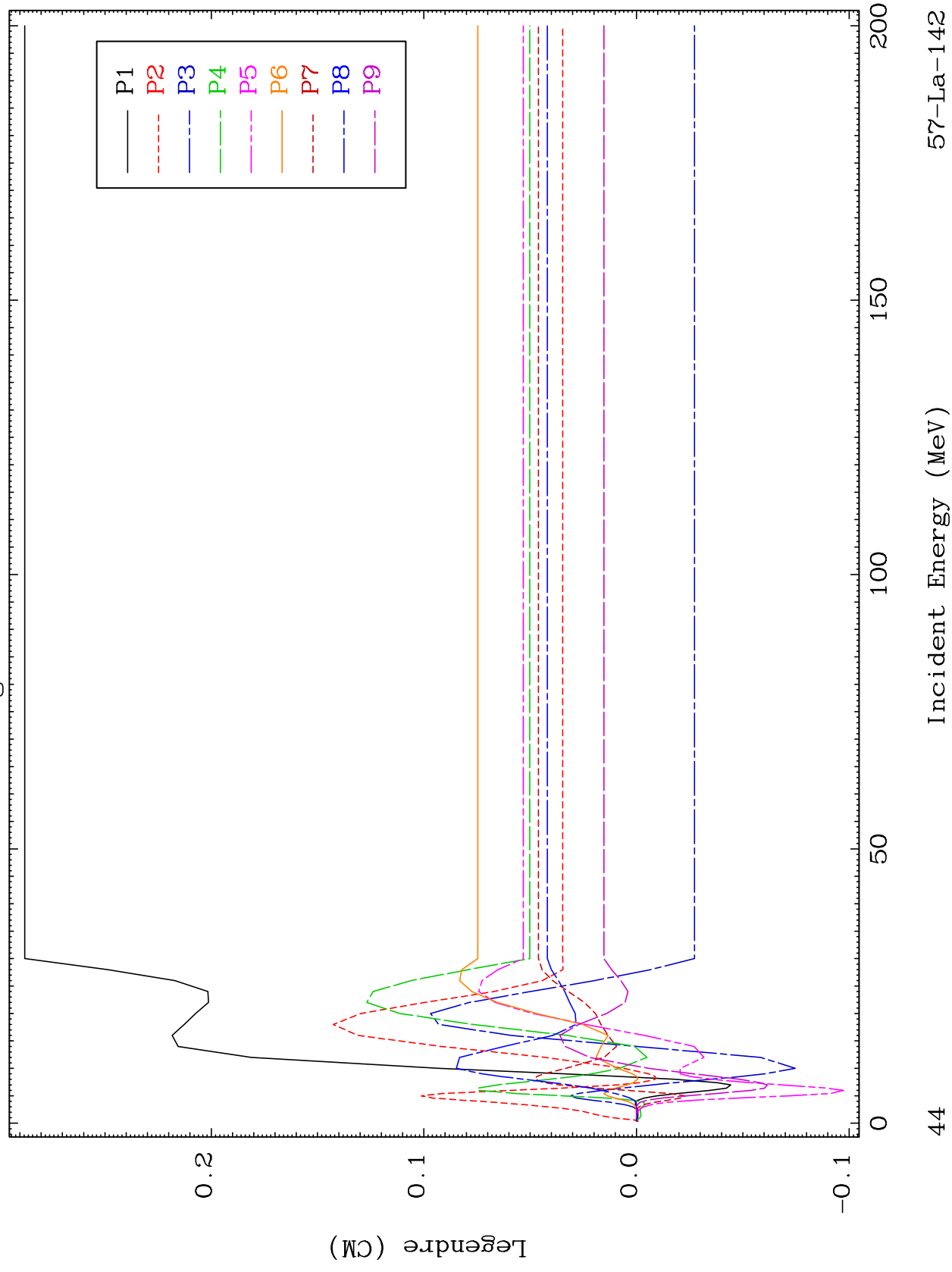


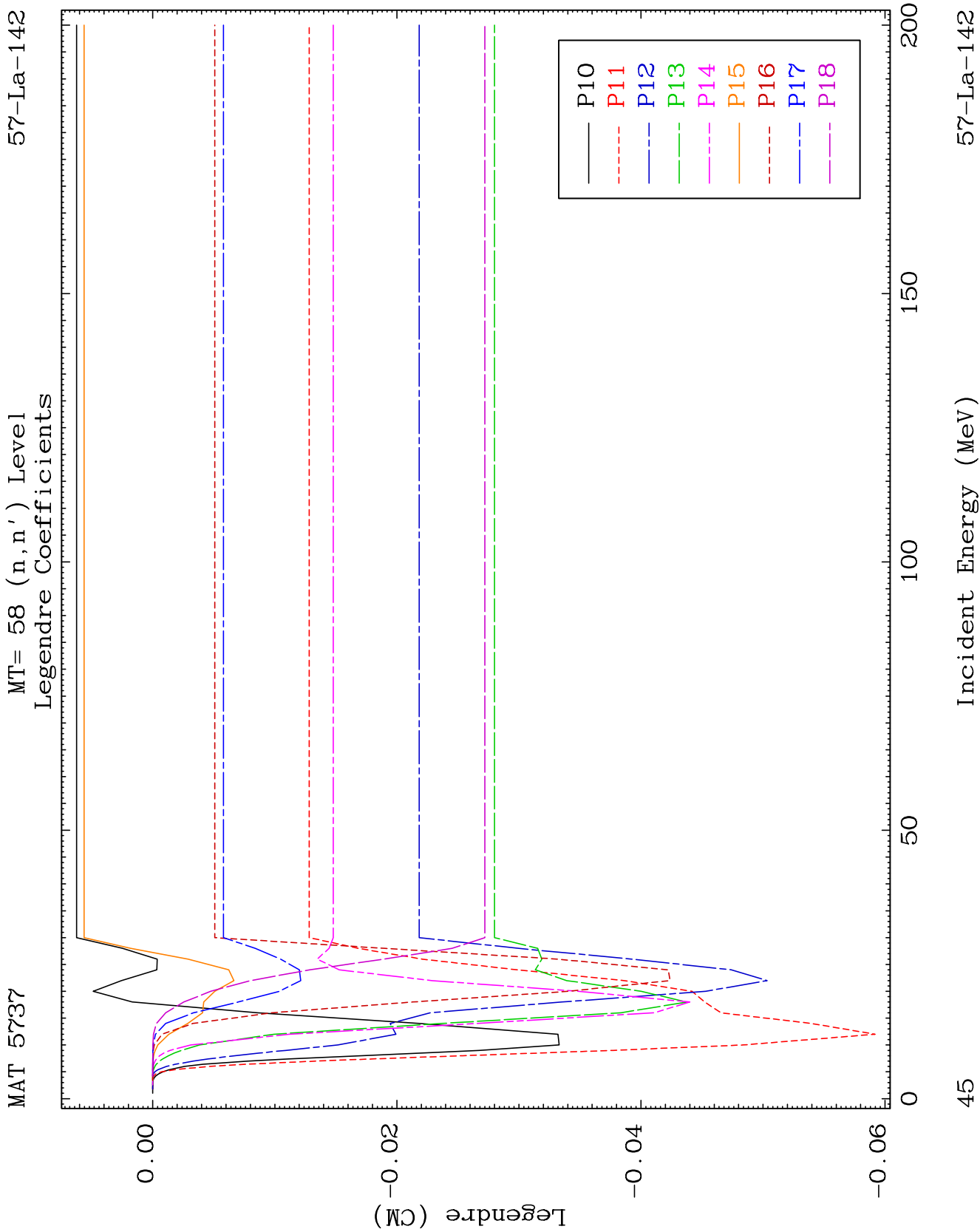


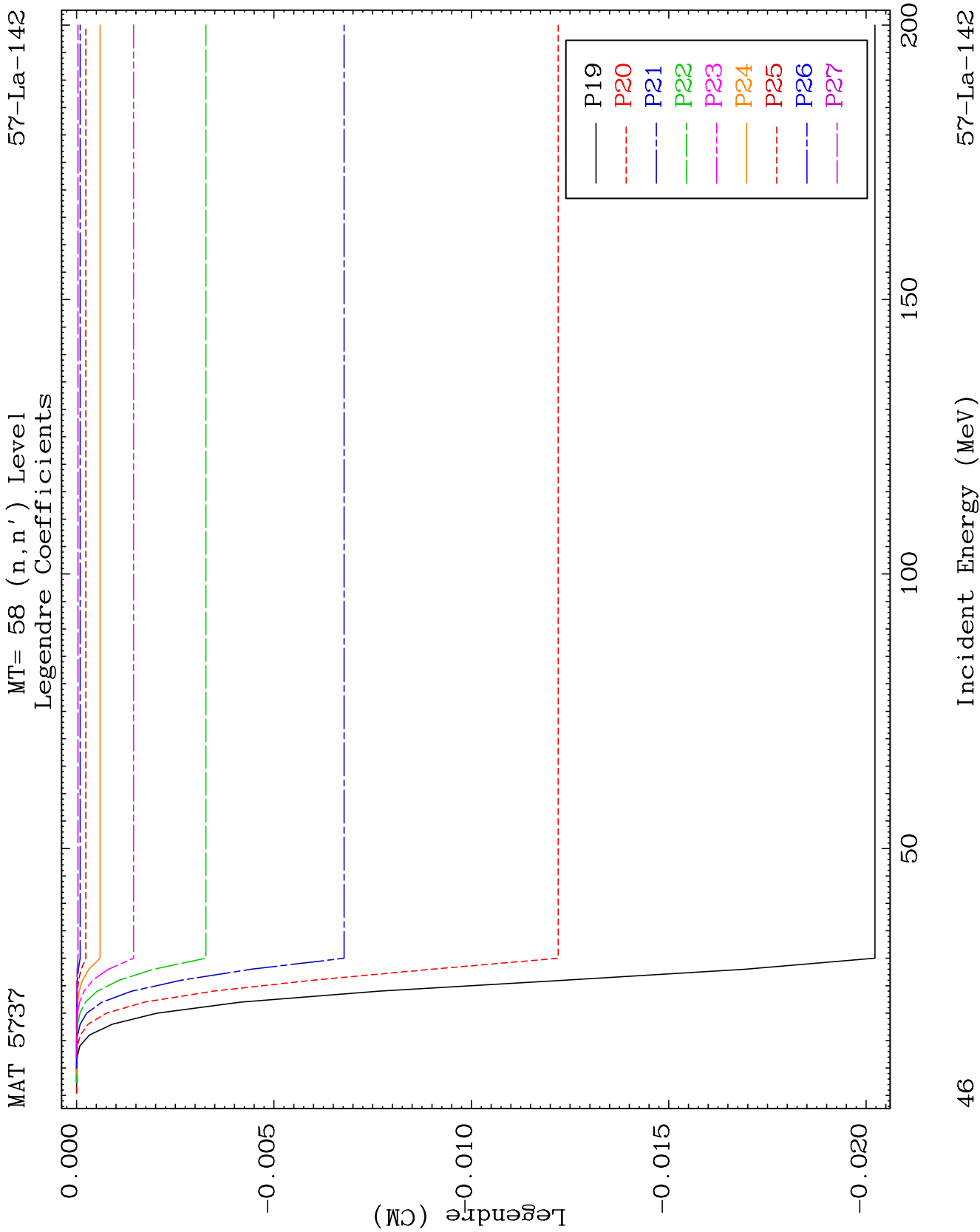
MAT 5737

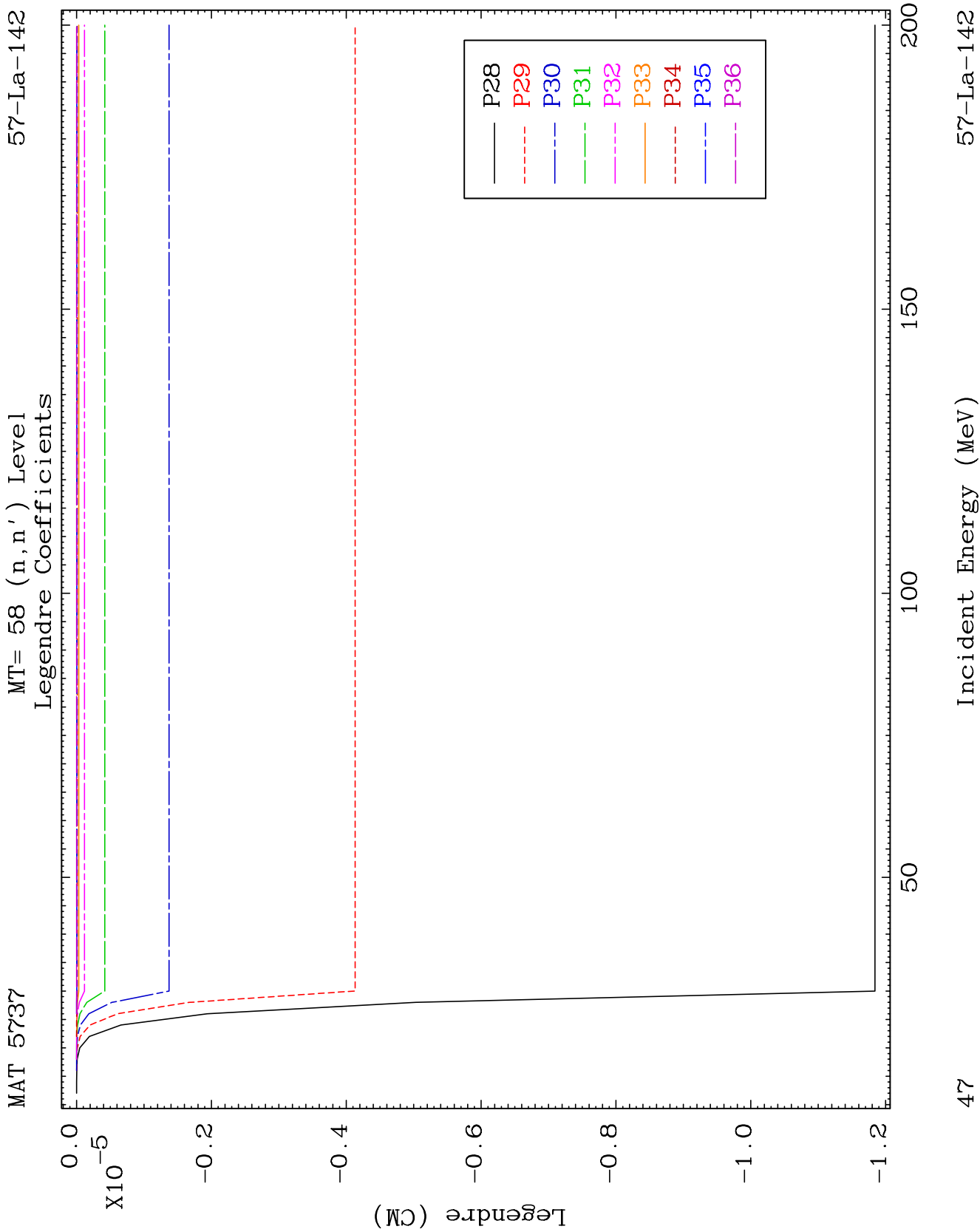
MT= 58 (n, n') Level
Legendre Coefficients

57-La-142





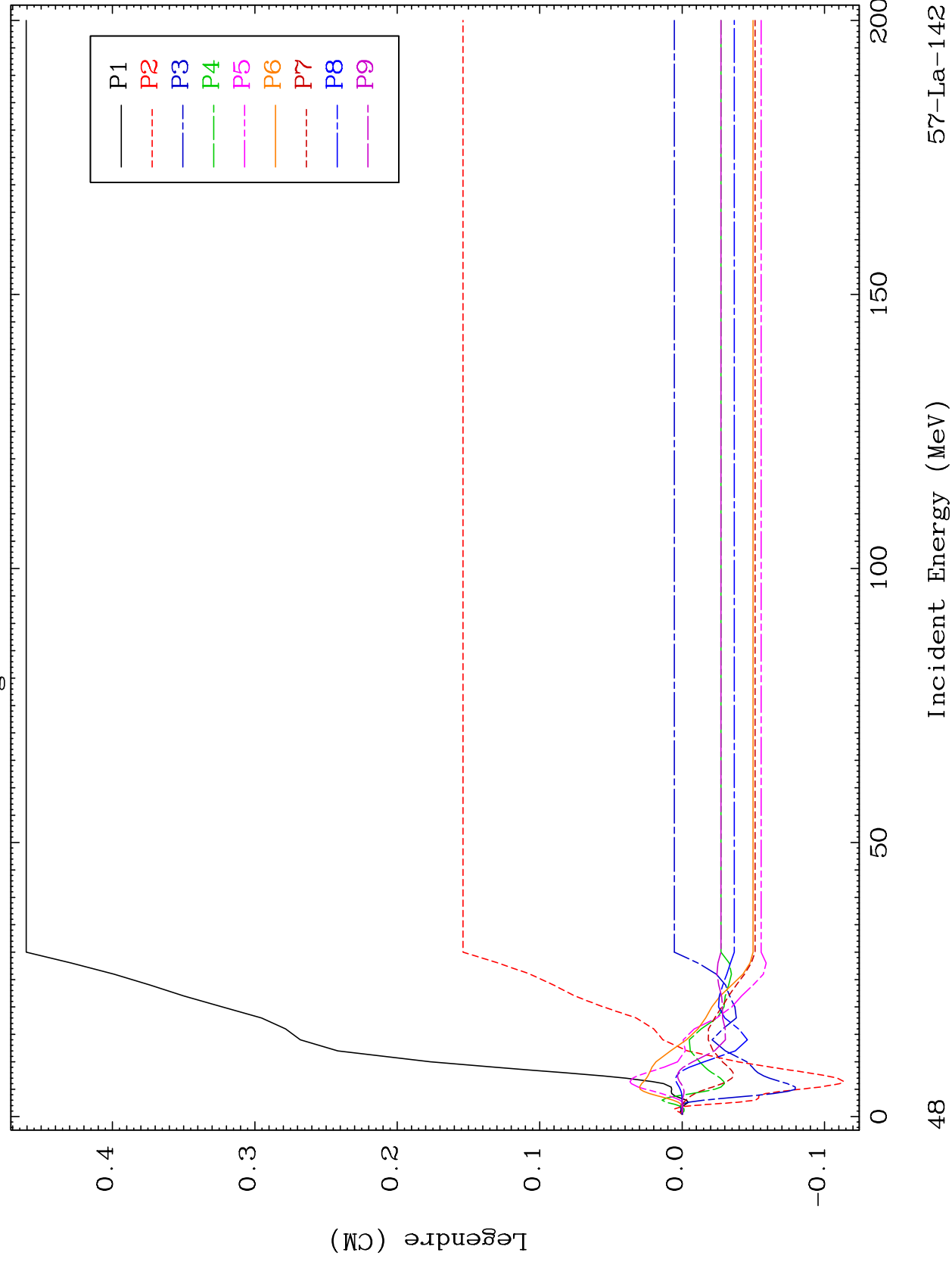




MAT 5737

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

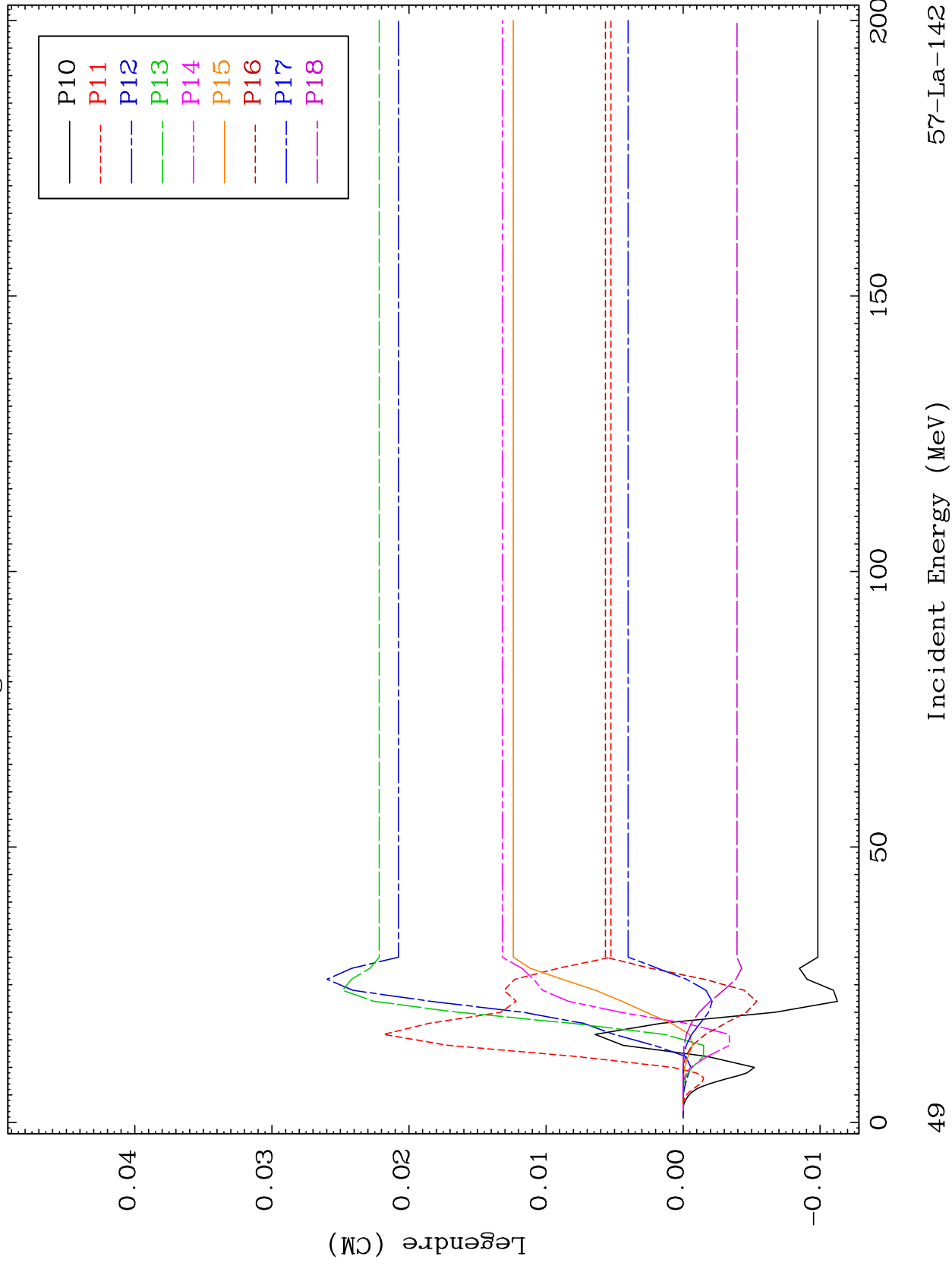
57-La-142

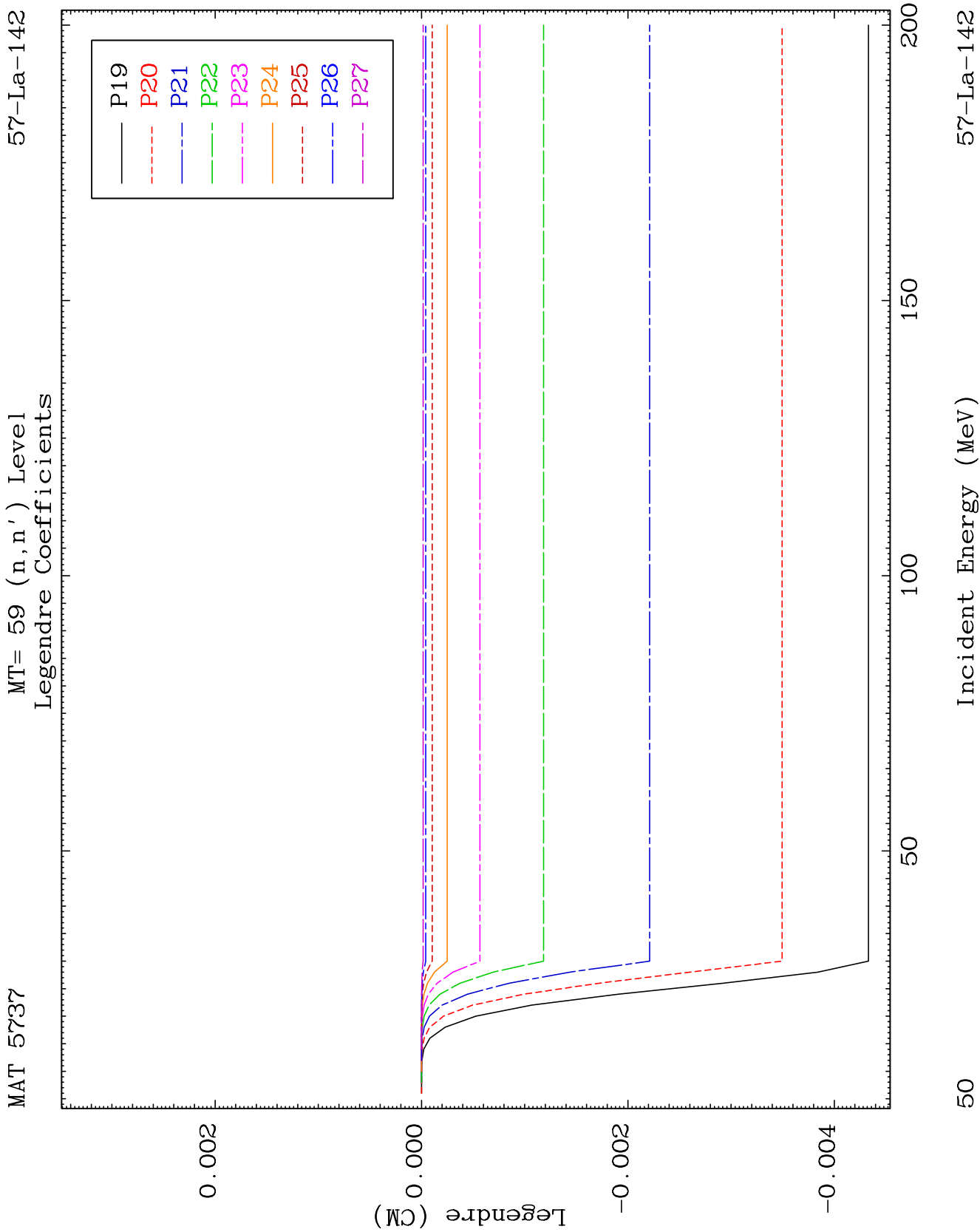


MAT 5737

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

57-La-142

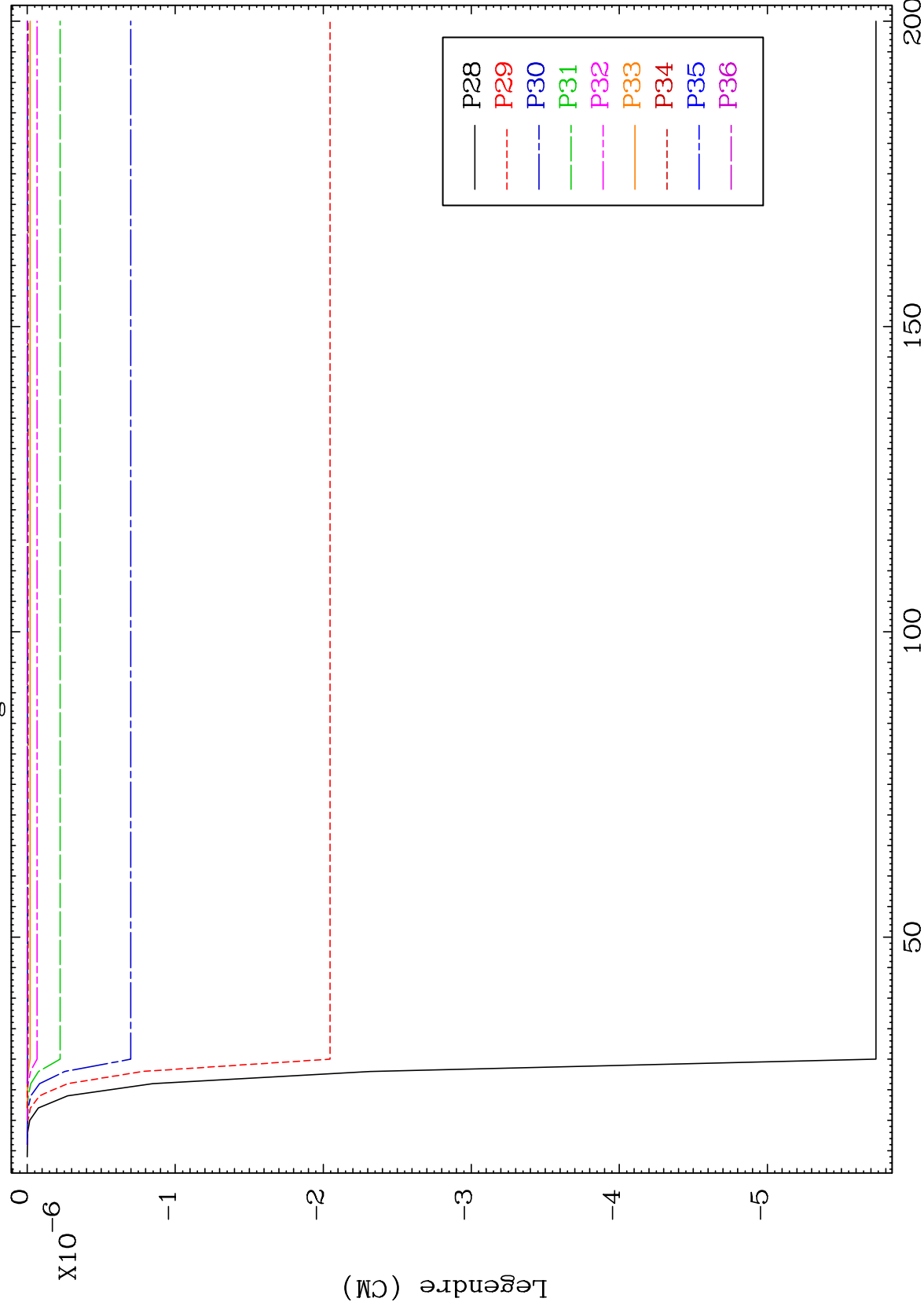




MAT 5737

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

57-La-142



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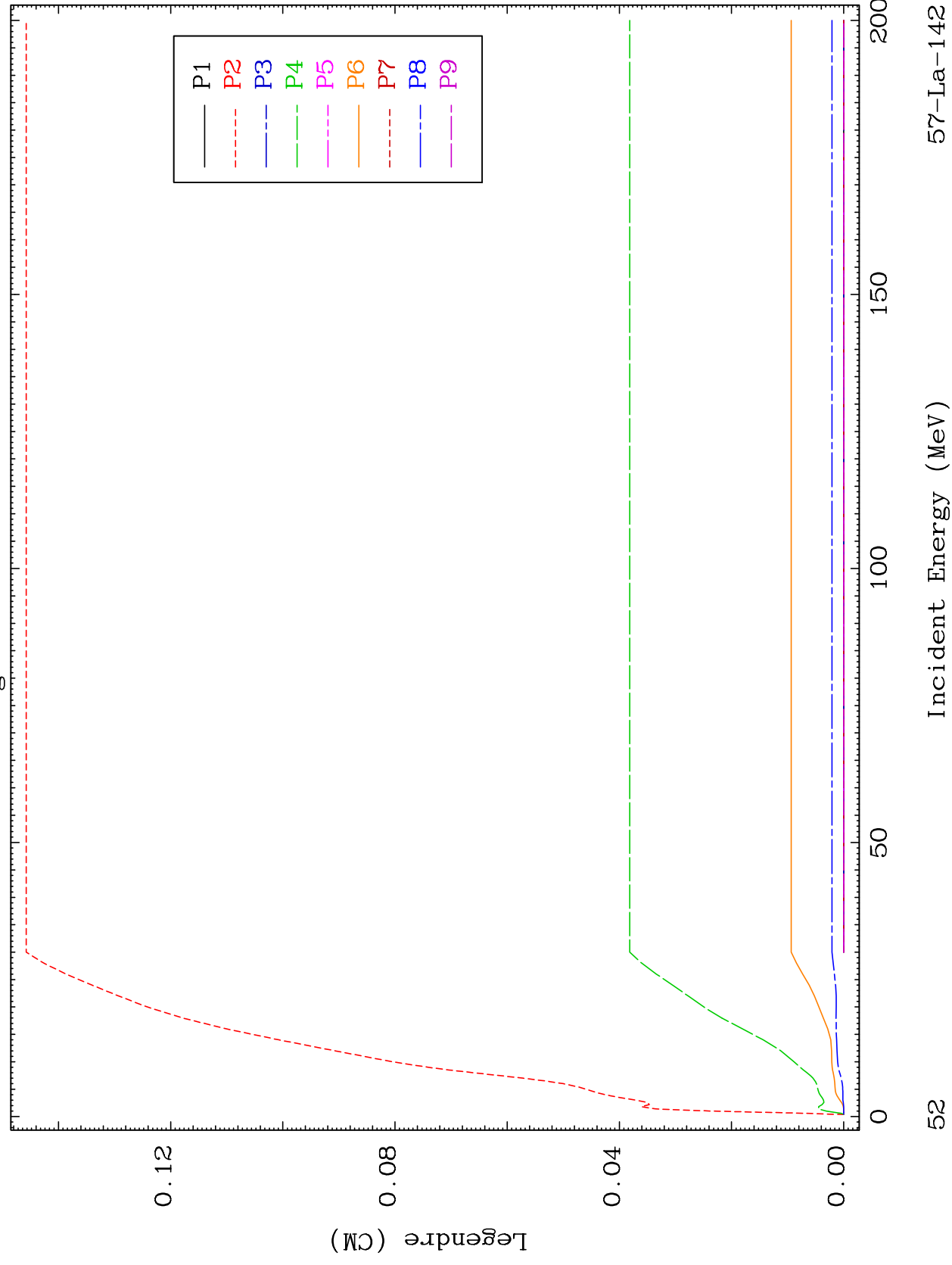
Incident Energy (MeV)

57-La-142

MAT 5737

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

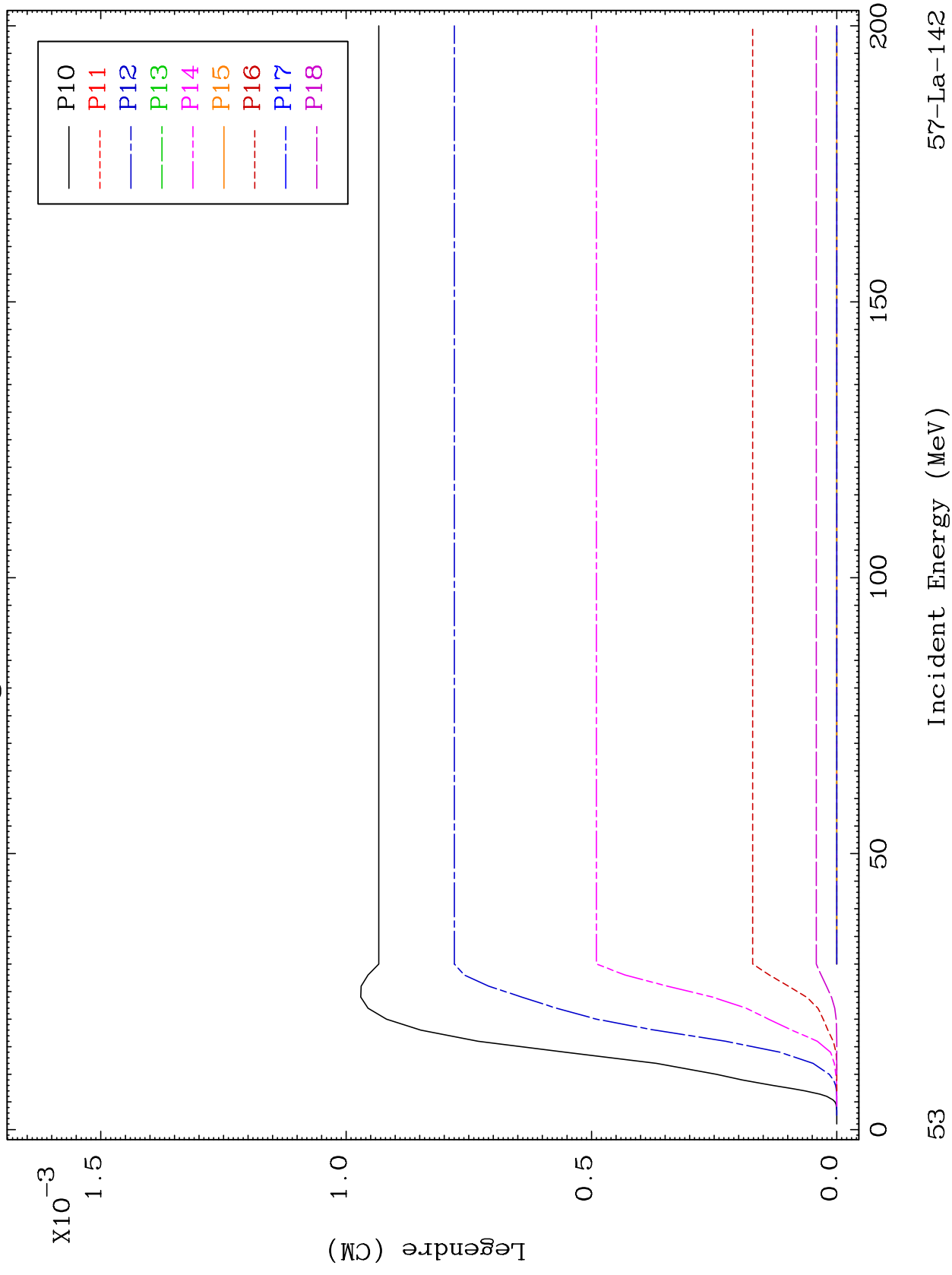
57-La-142

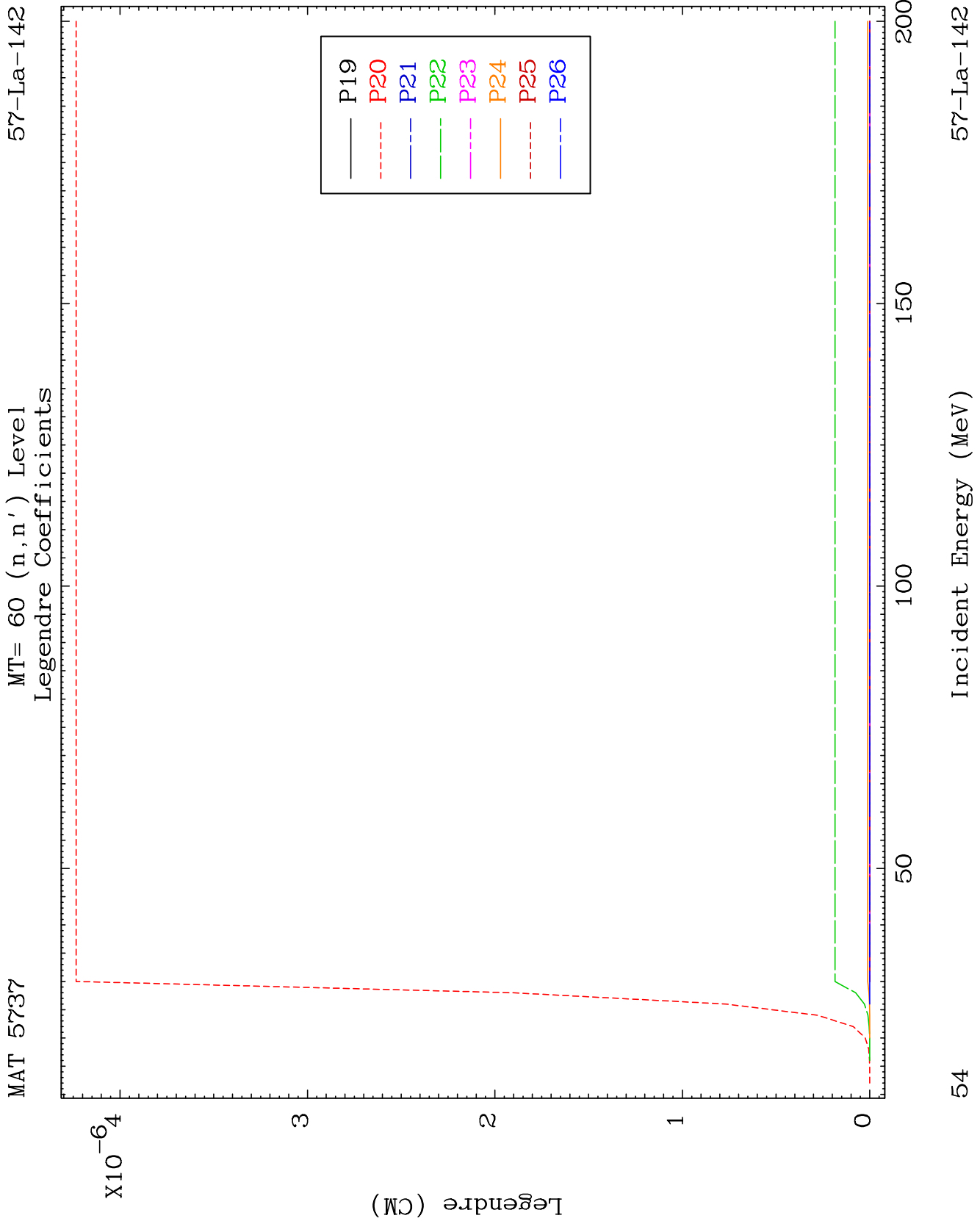


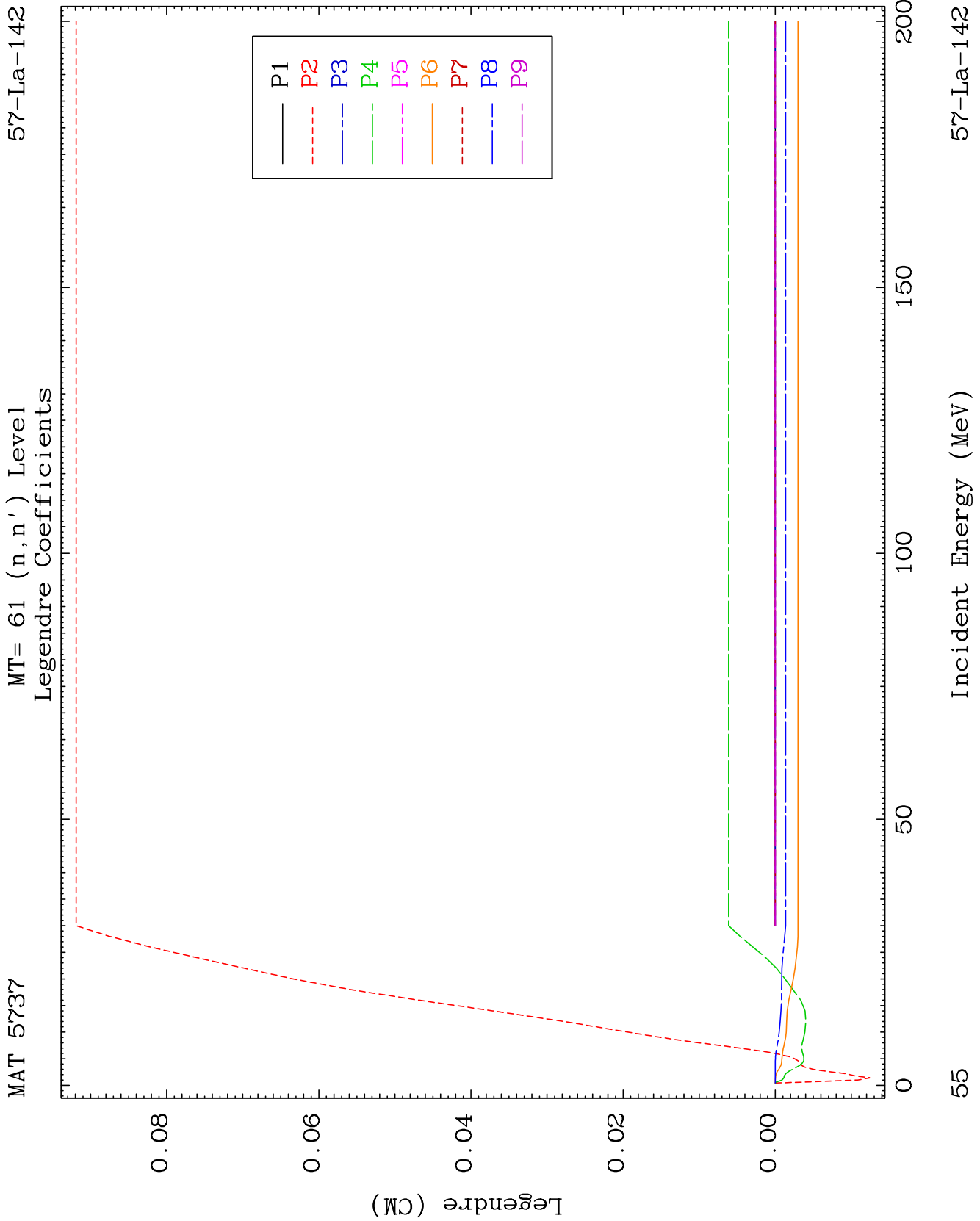
MAT 5737

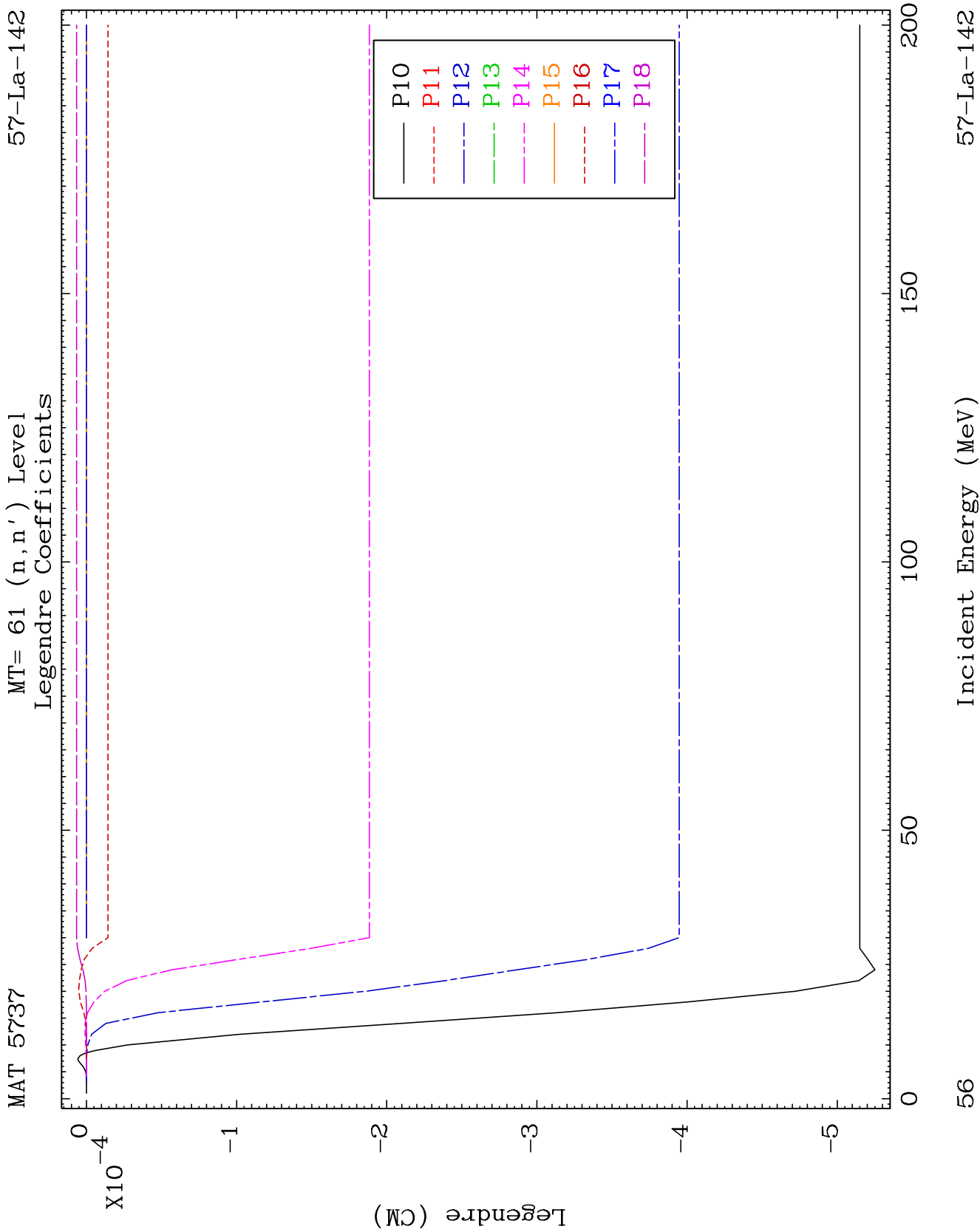
MT= 60 (n, n') Level
Legendre Coefficients

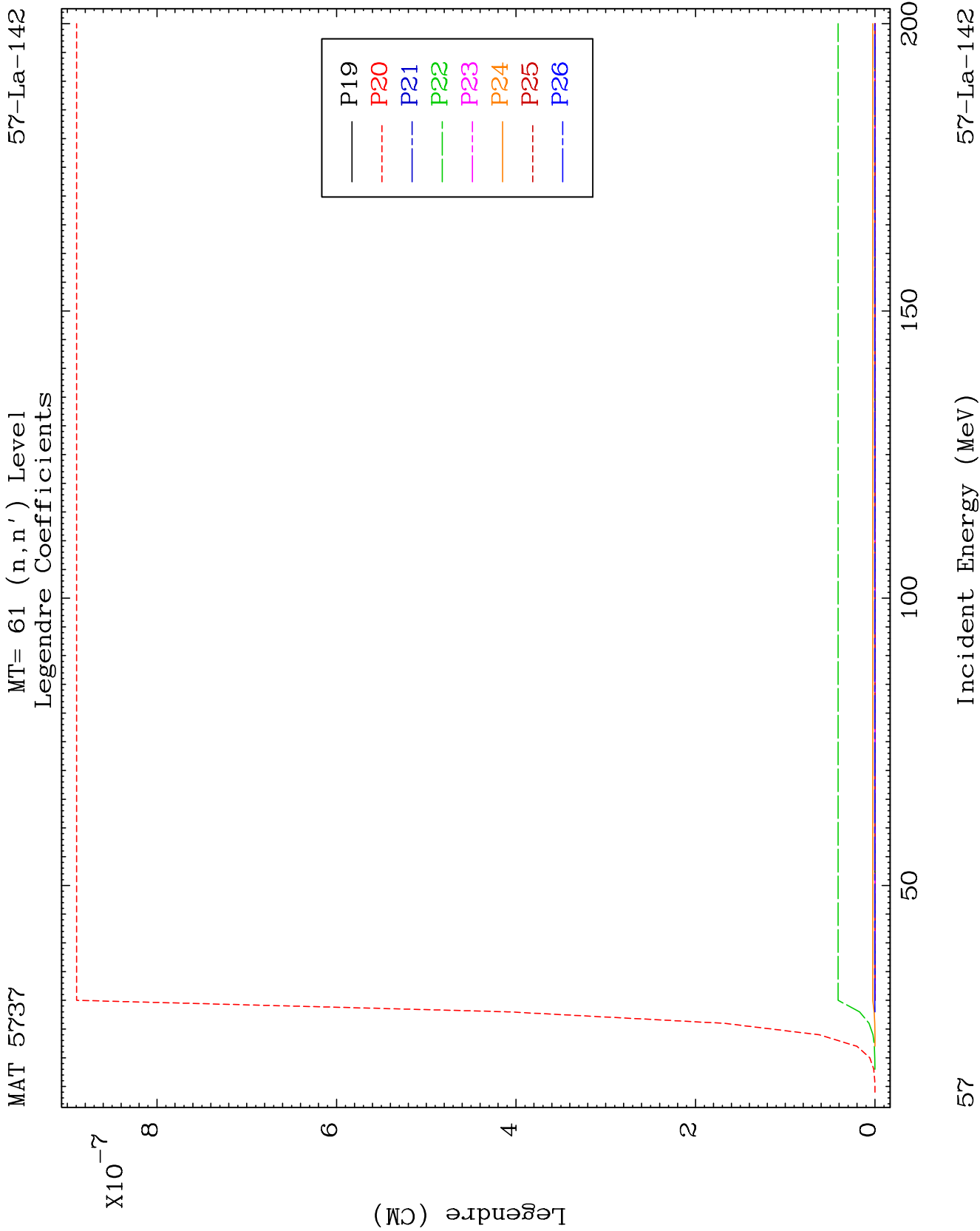
57-La-142







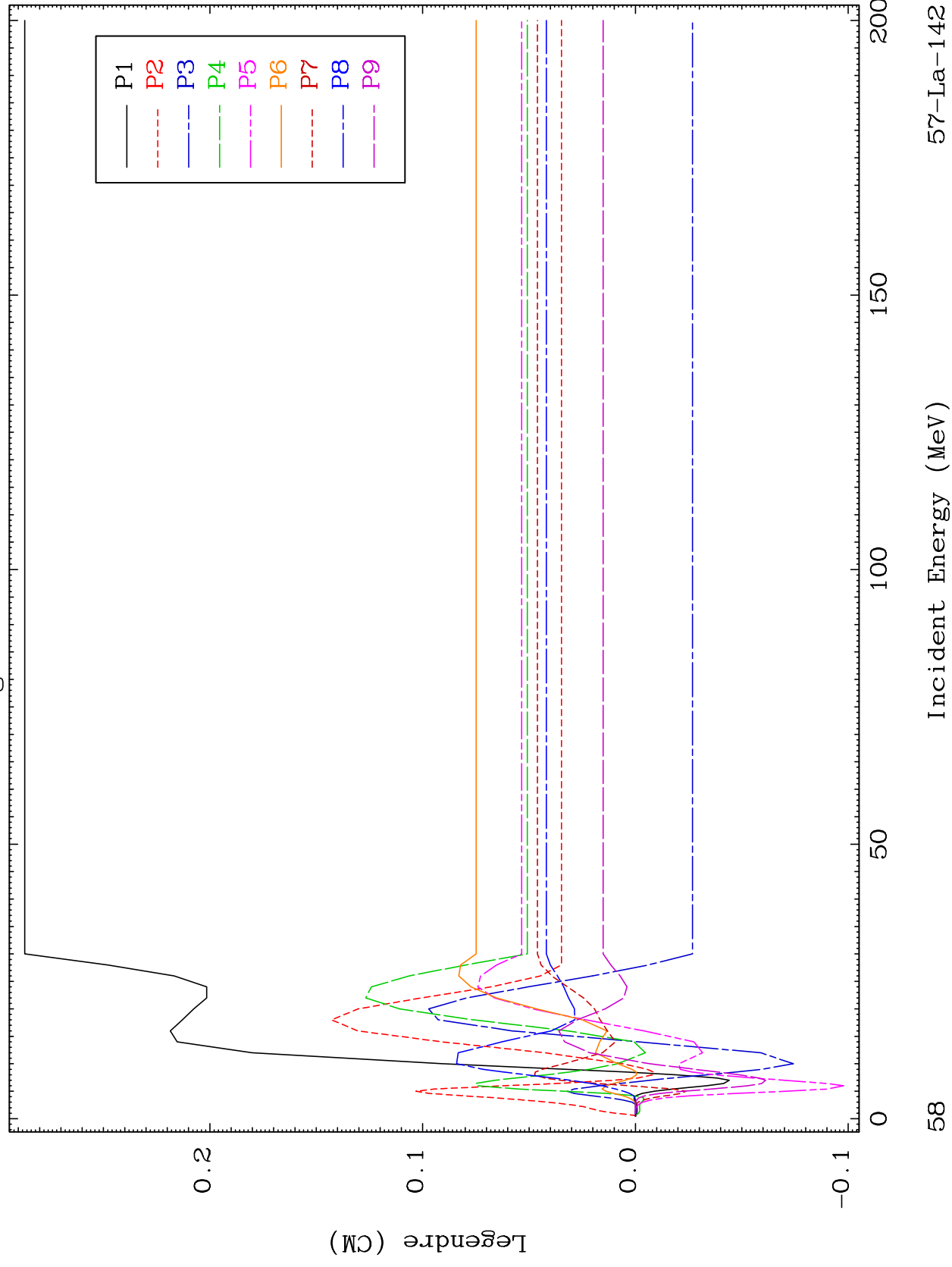


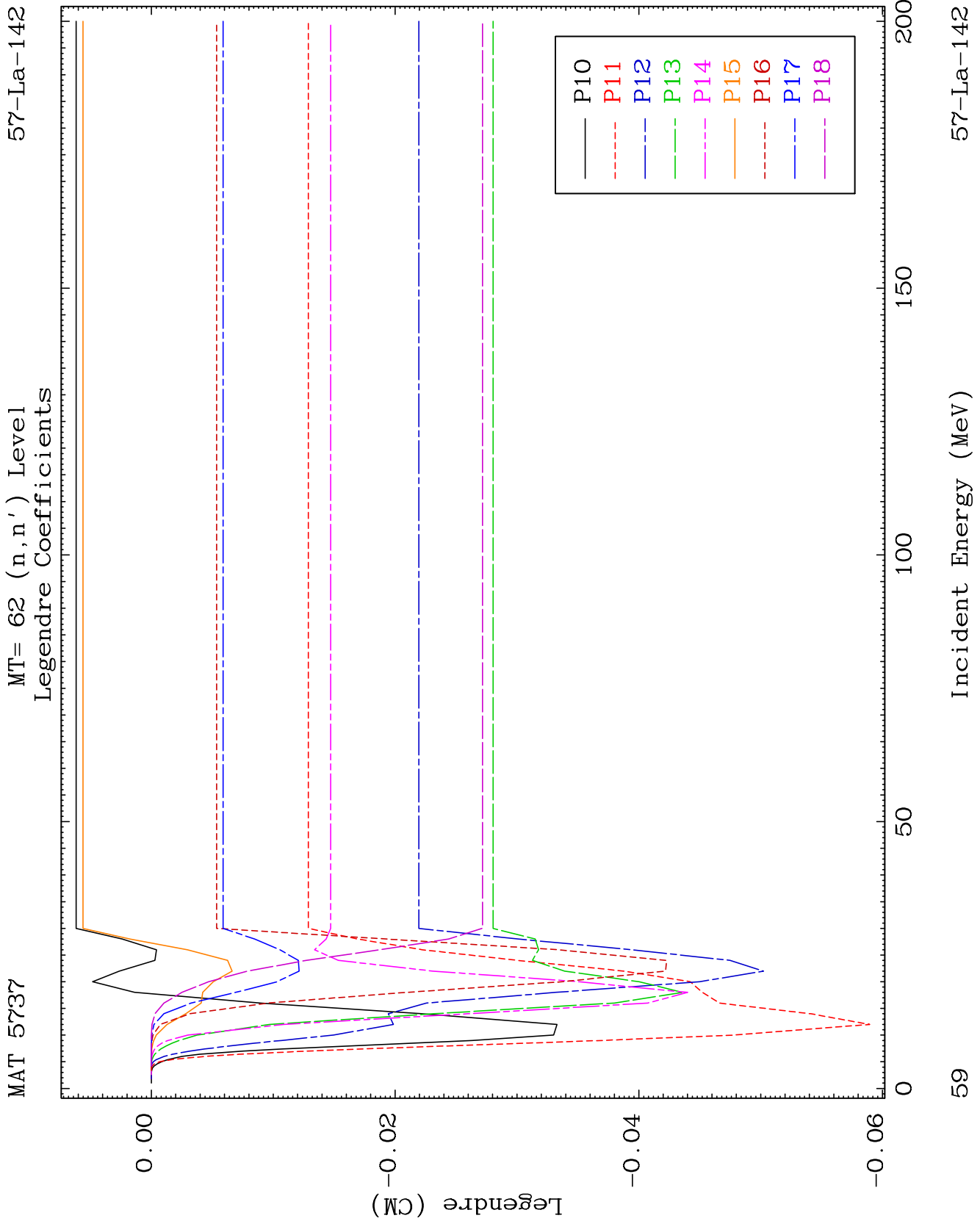


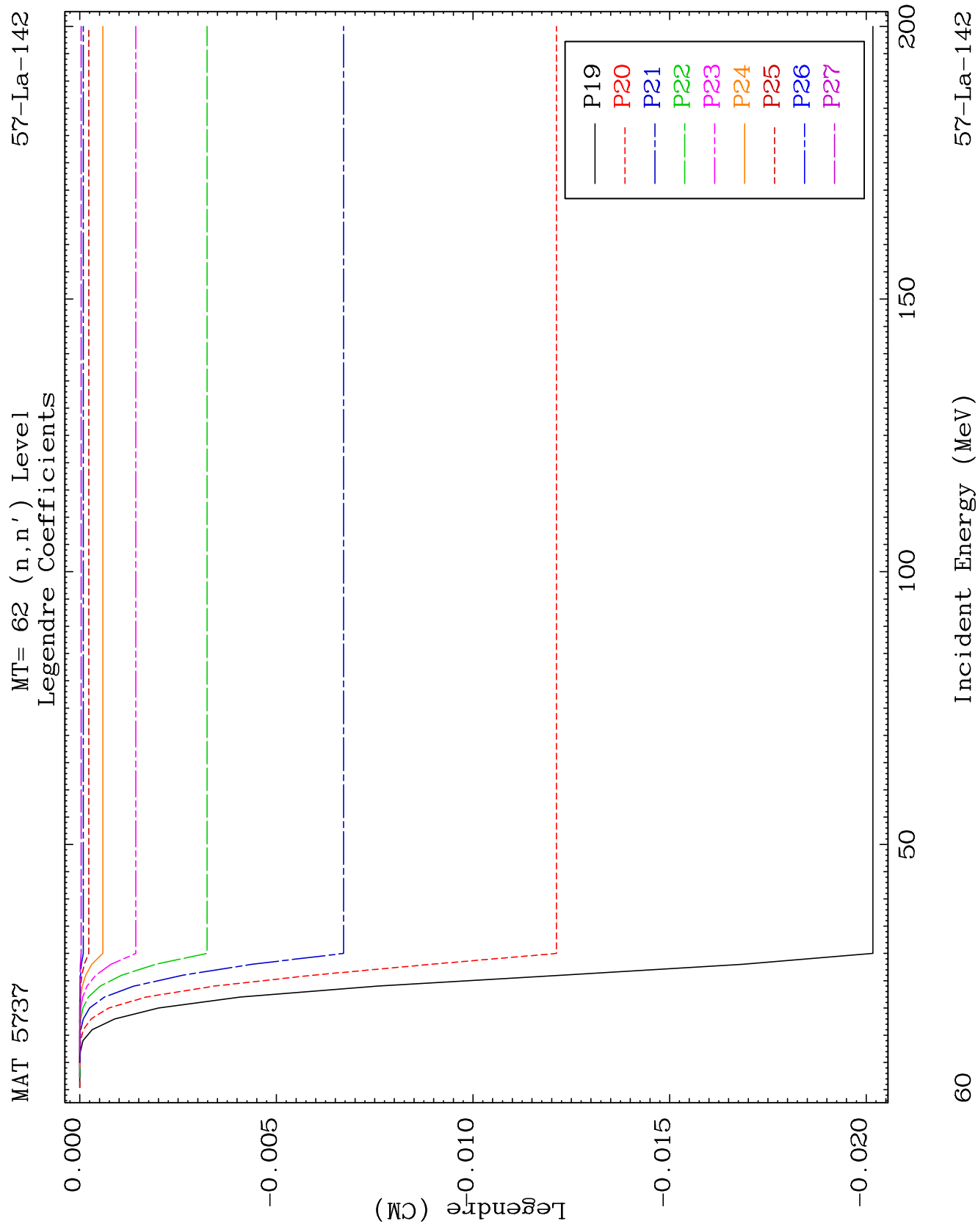
MAT 5737

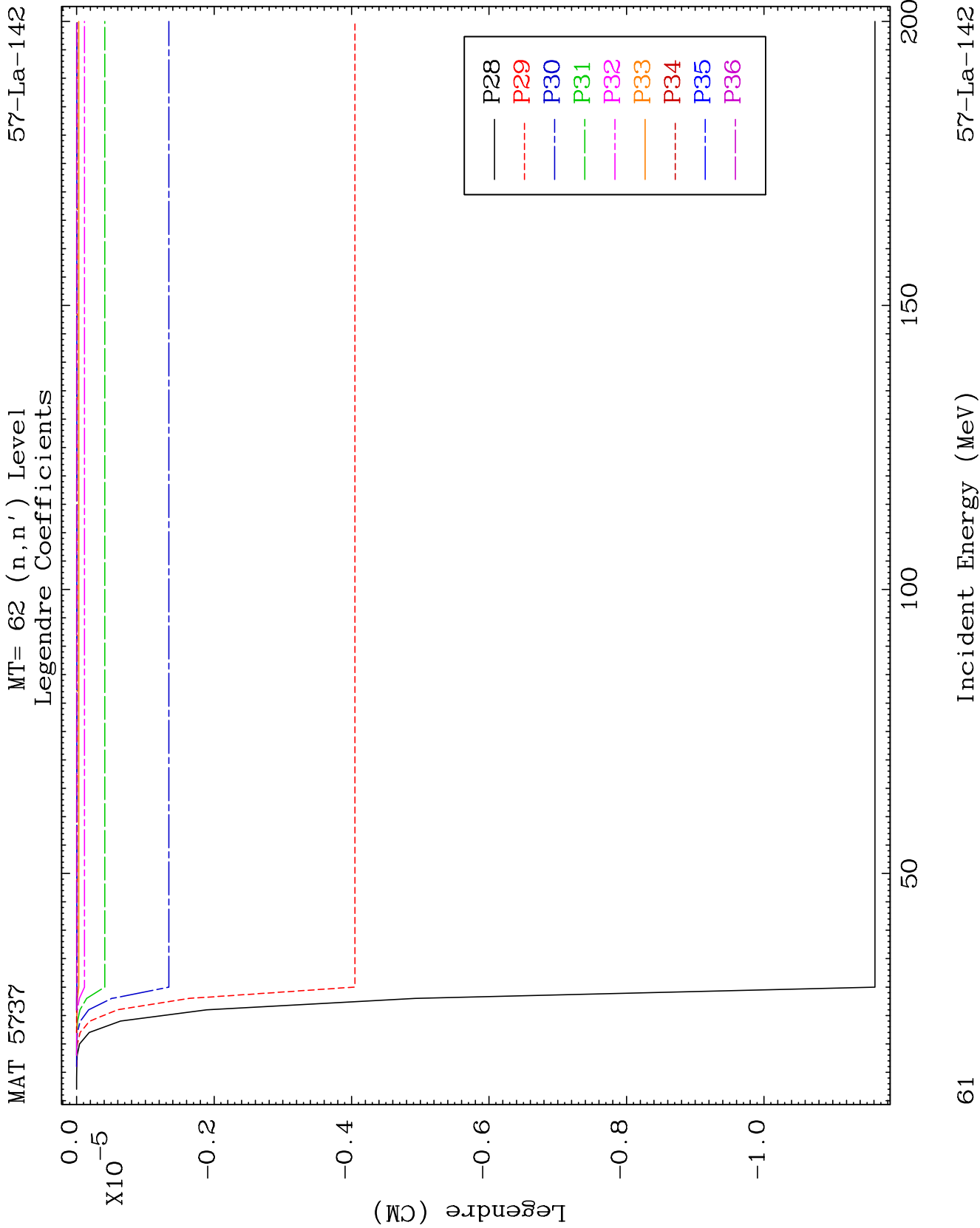
MT= 62 (n, n') Level
Legendre Coefficients

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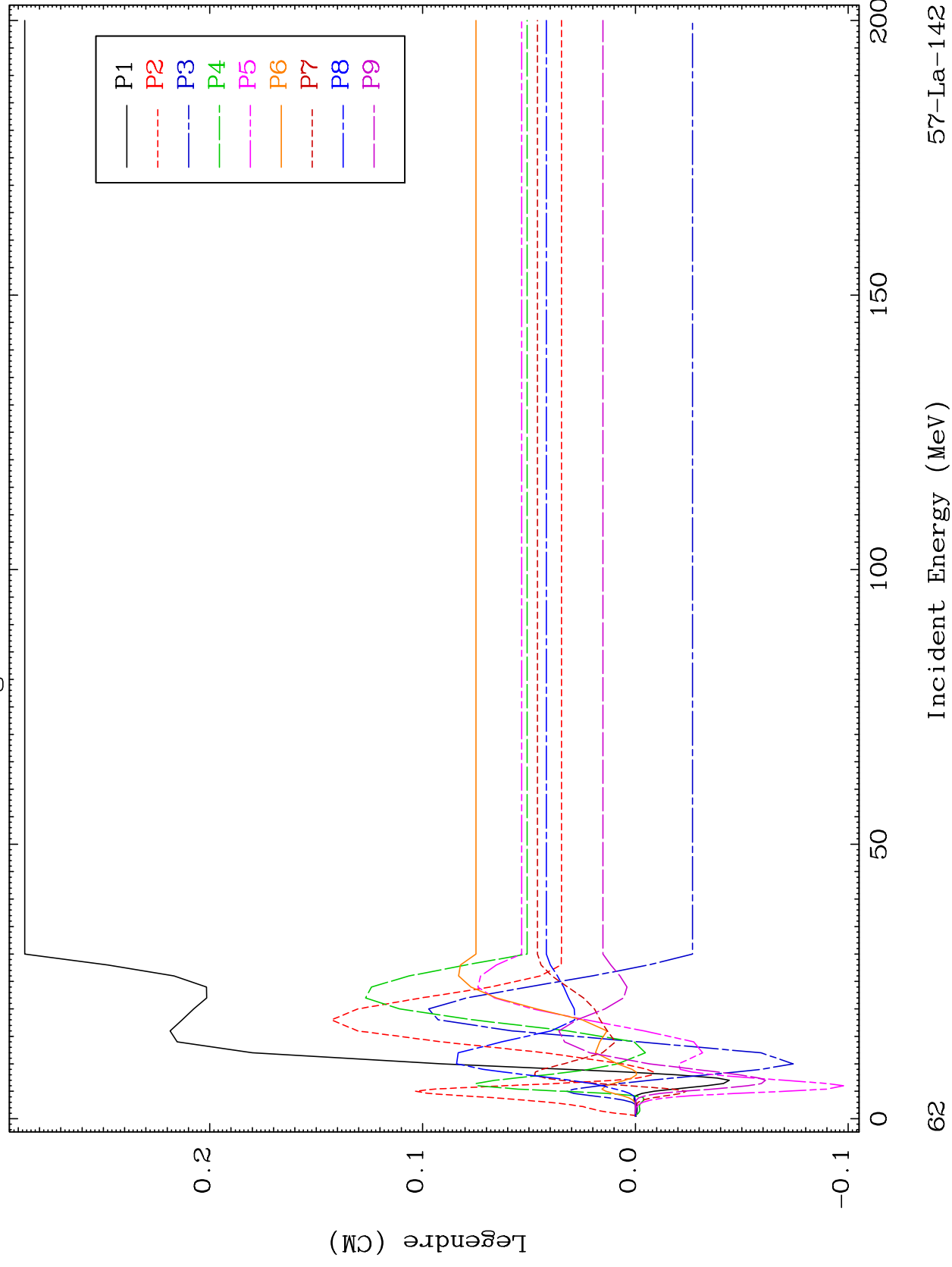


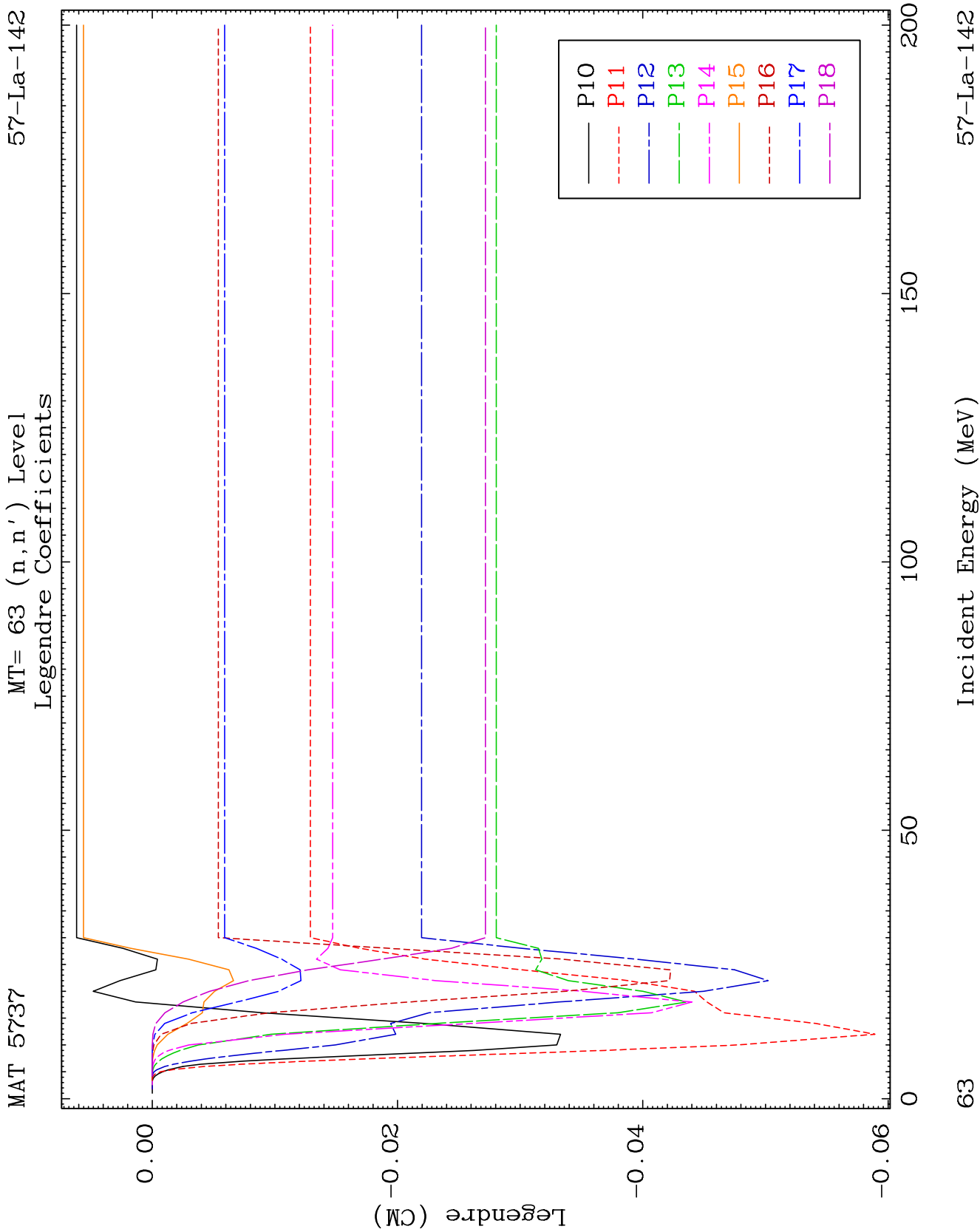


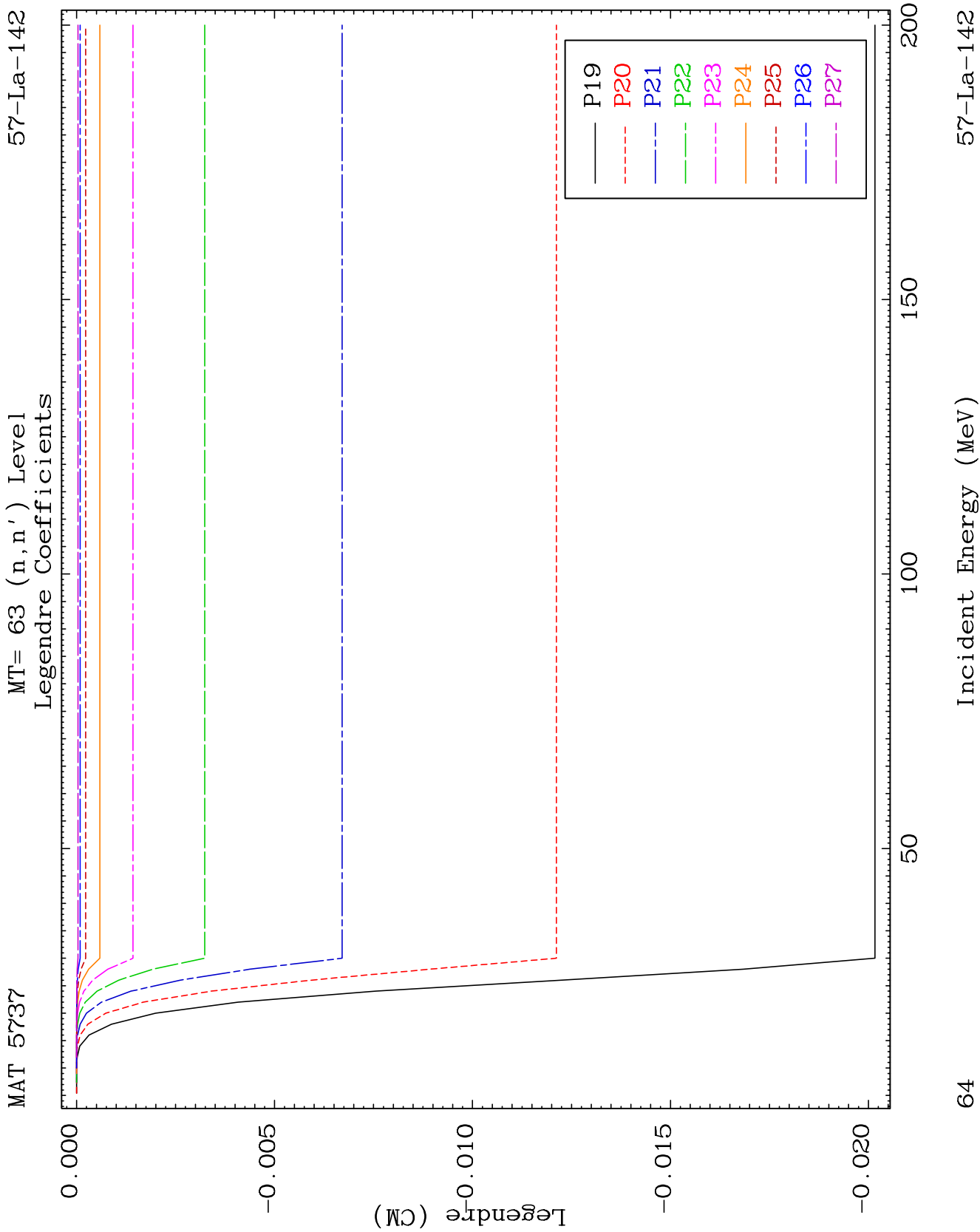
MAT 5737

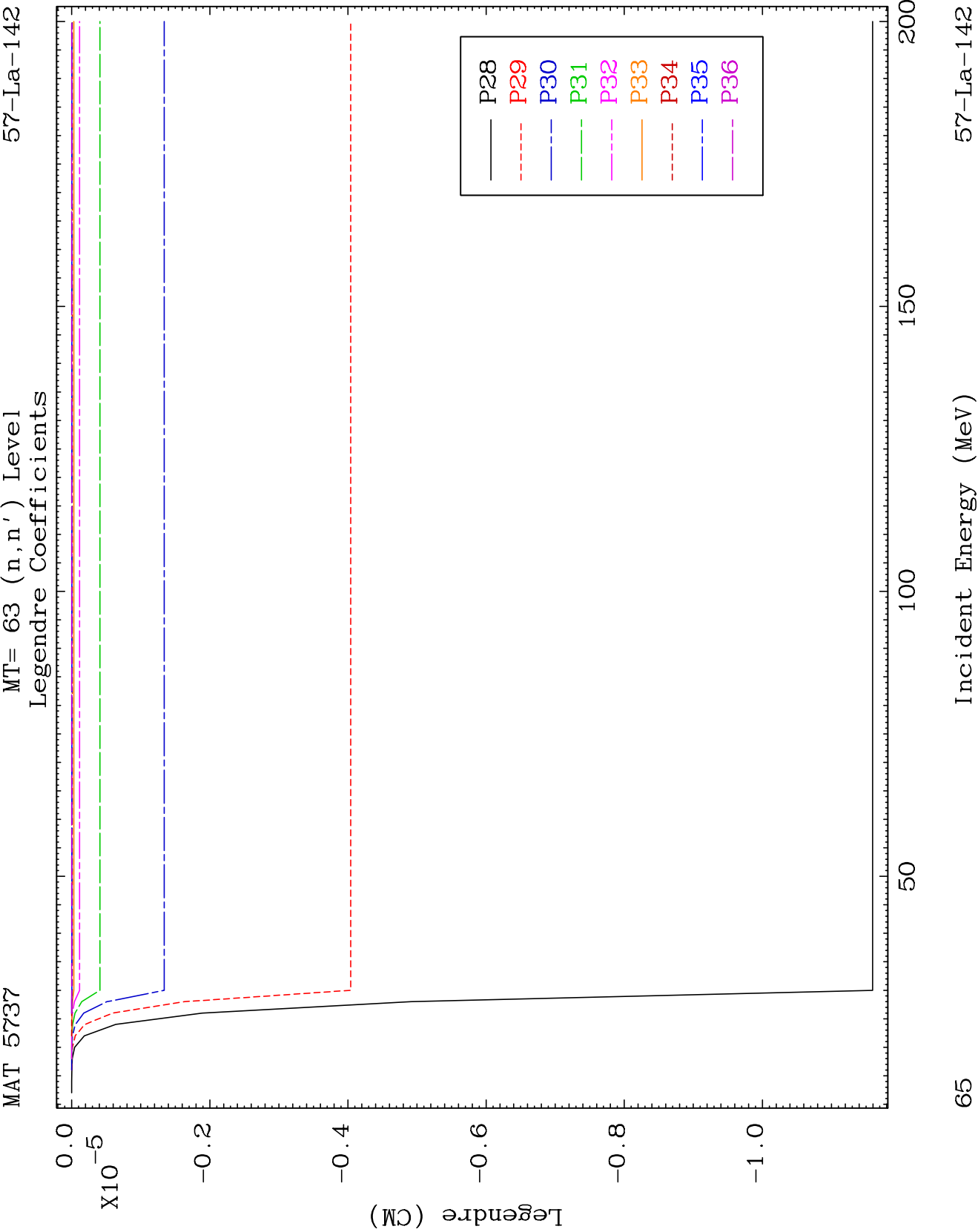
MT= 63 (n, n') Level
Legendre Coefficients

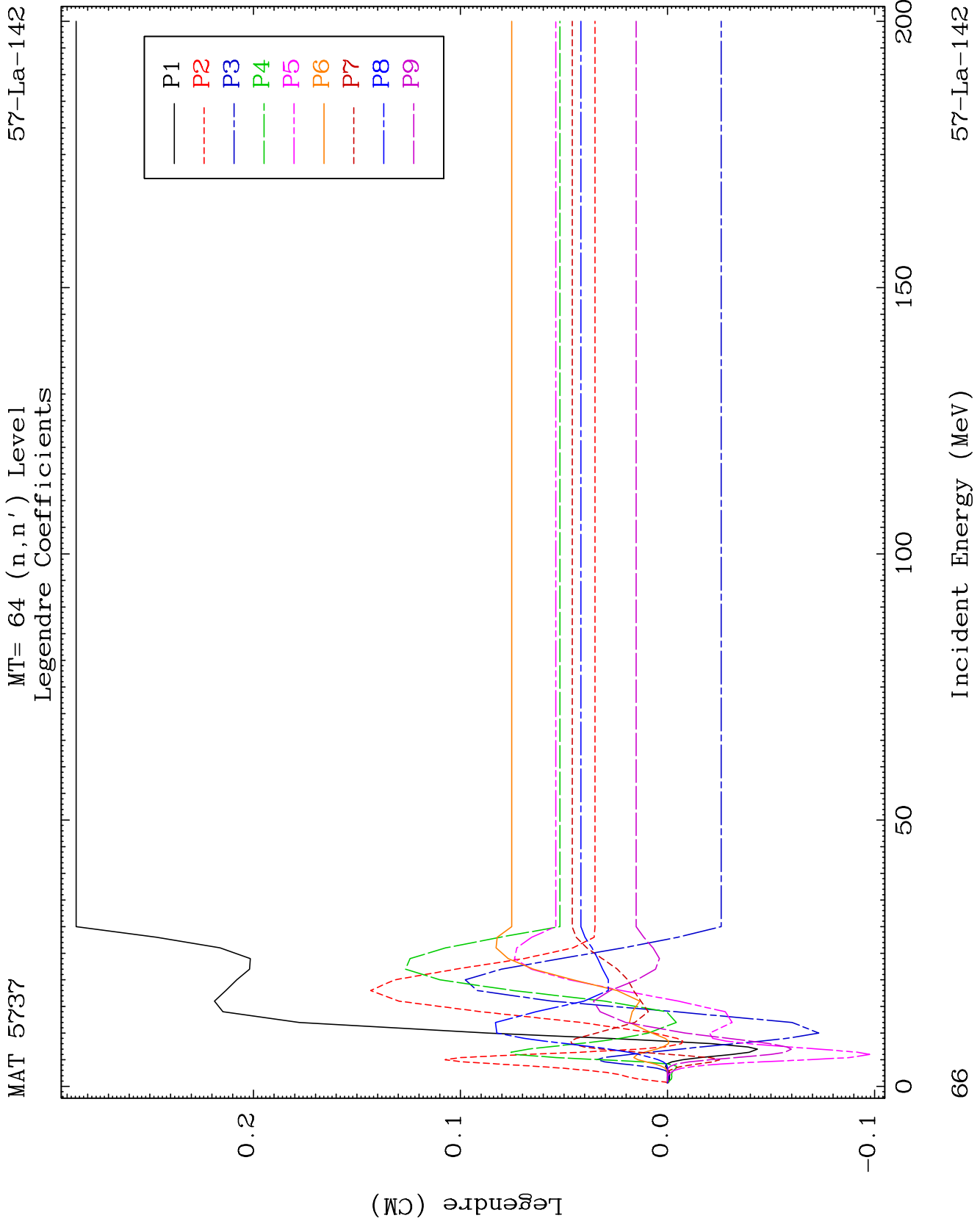
57-La-142

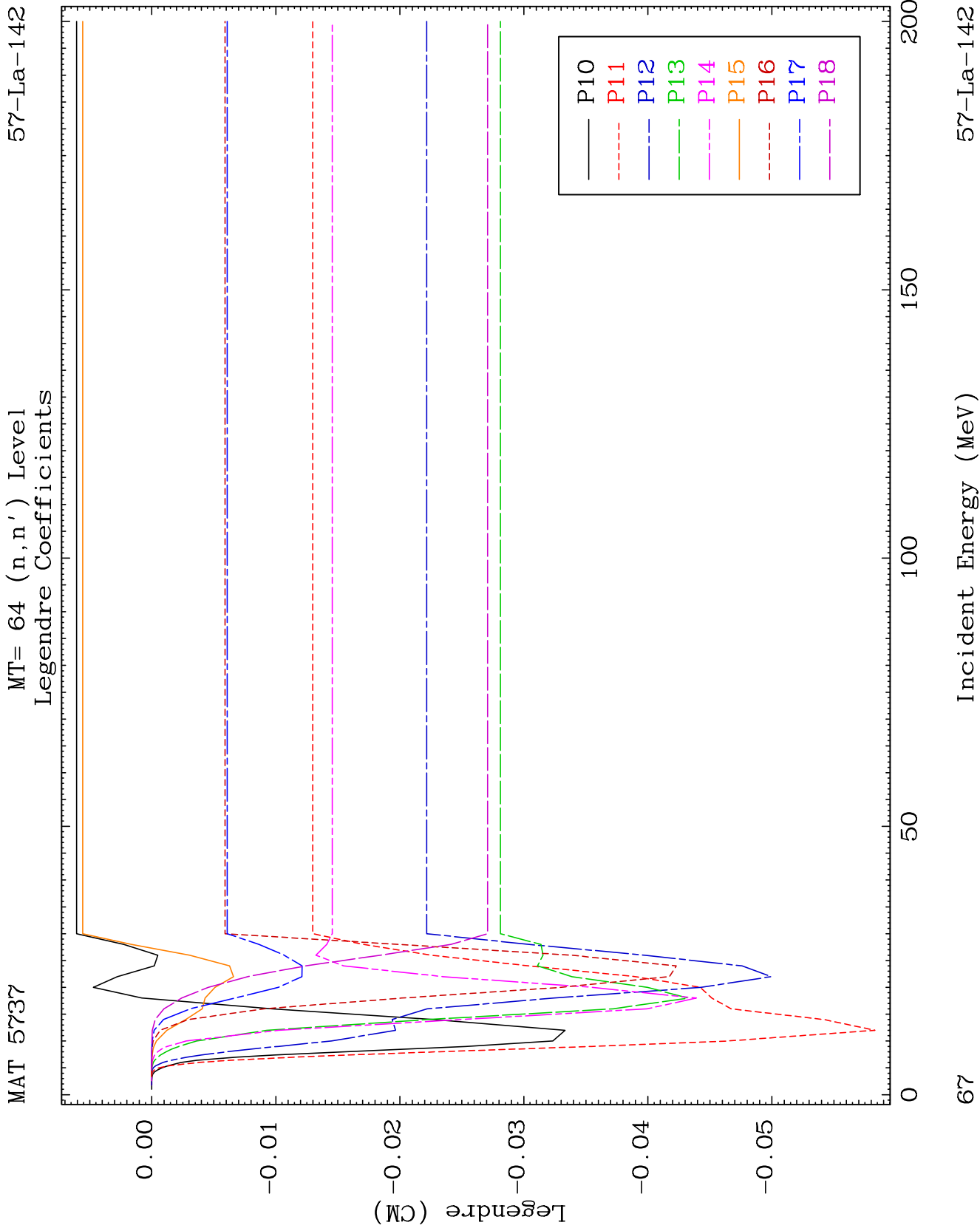


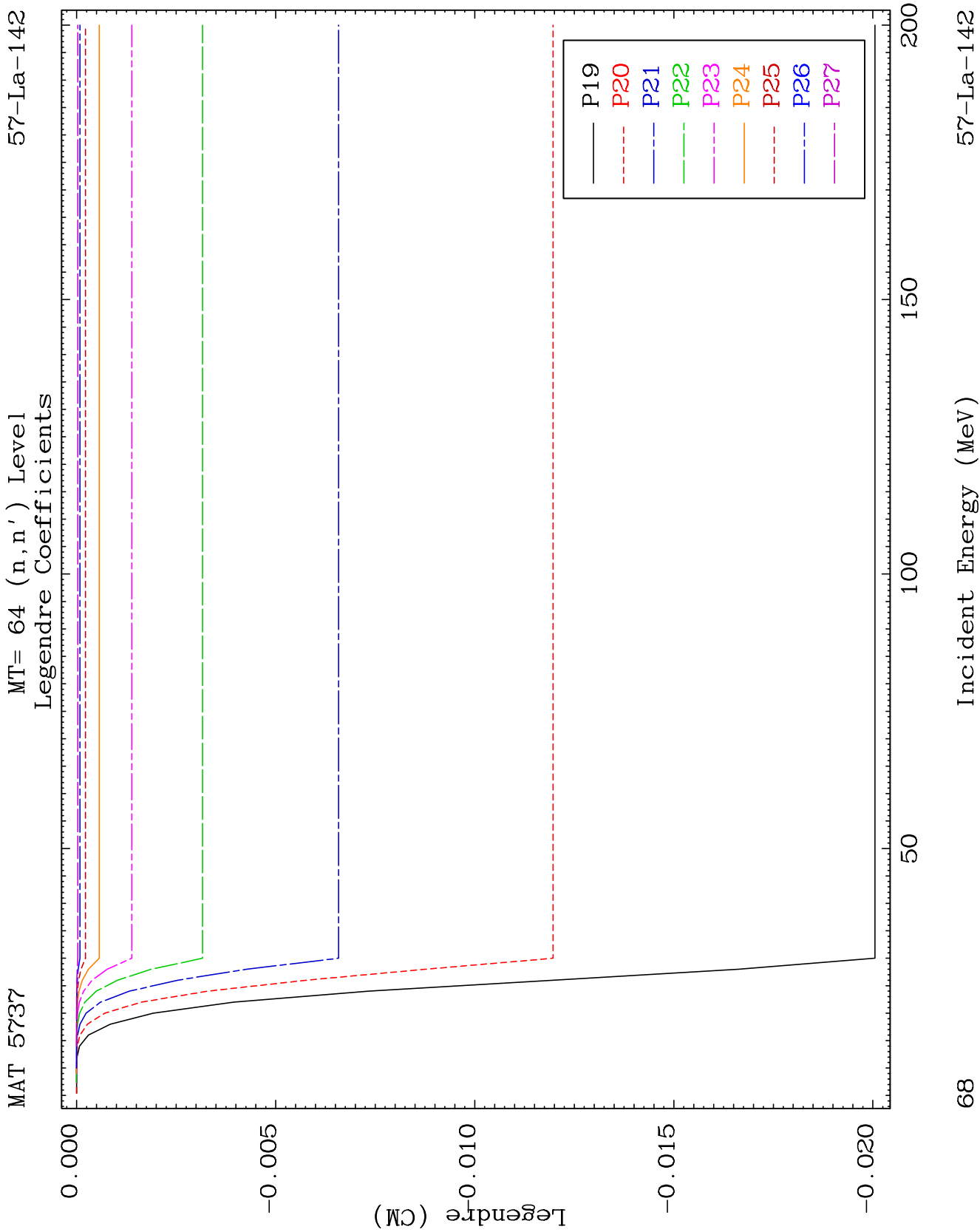


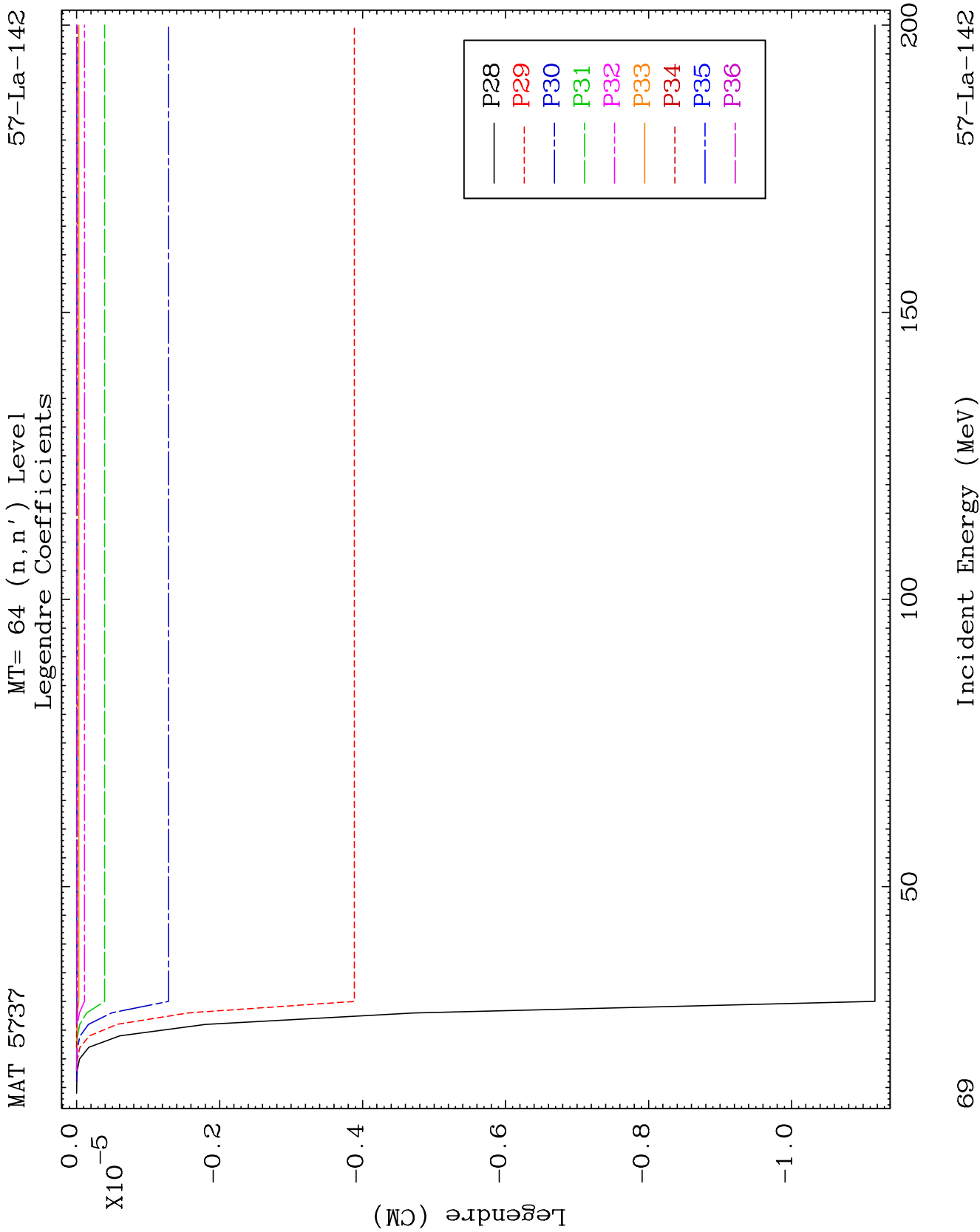


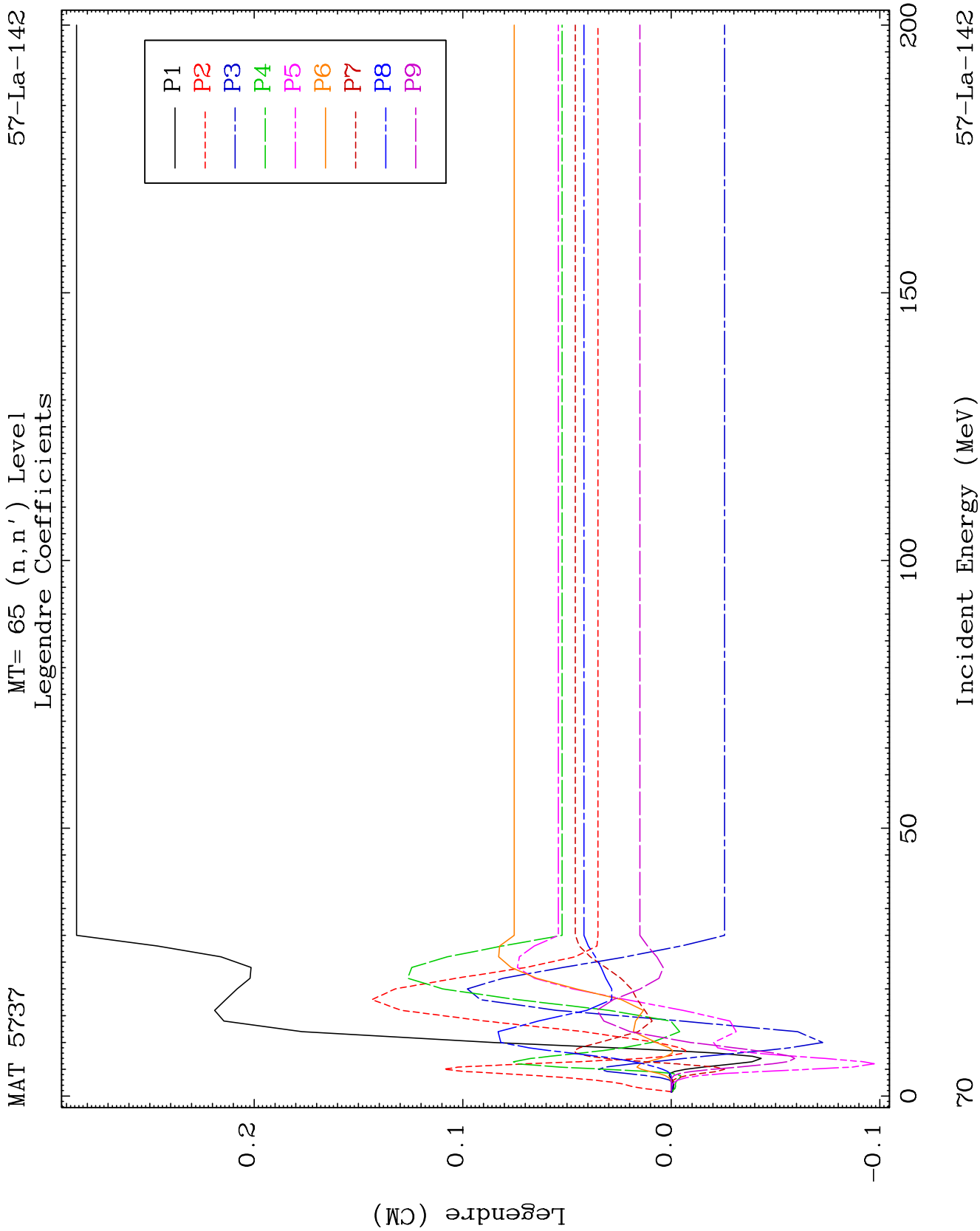


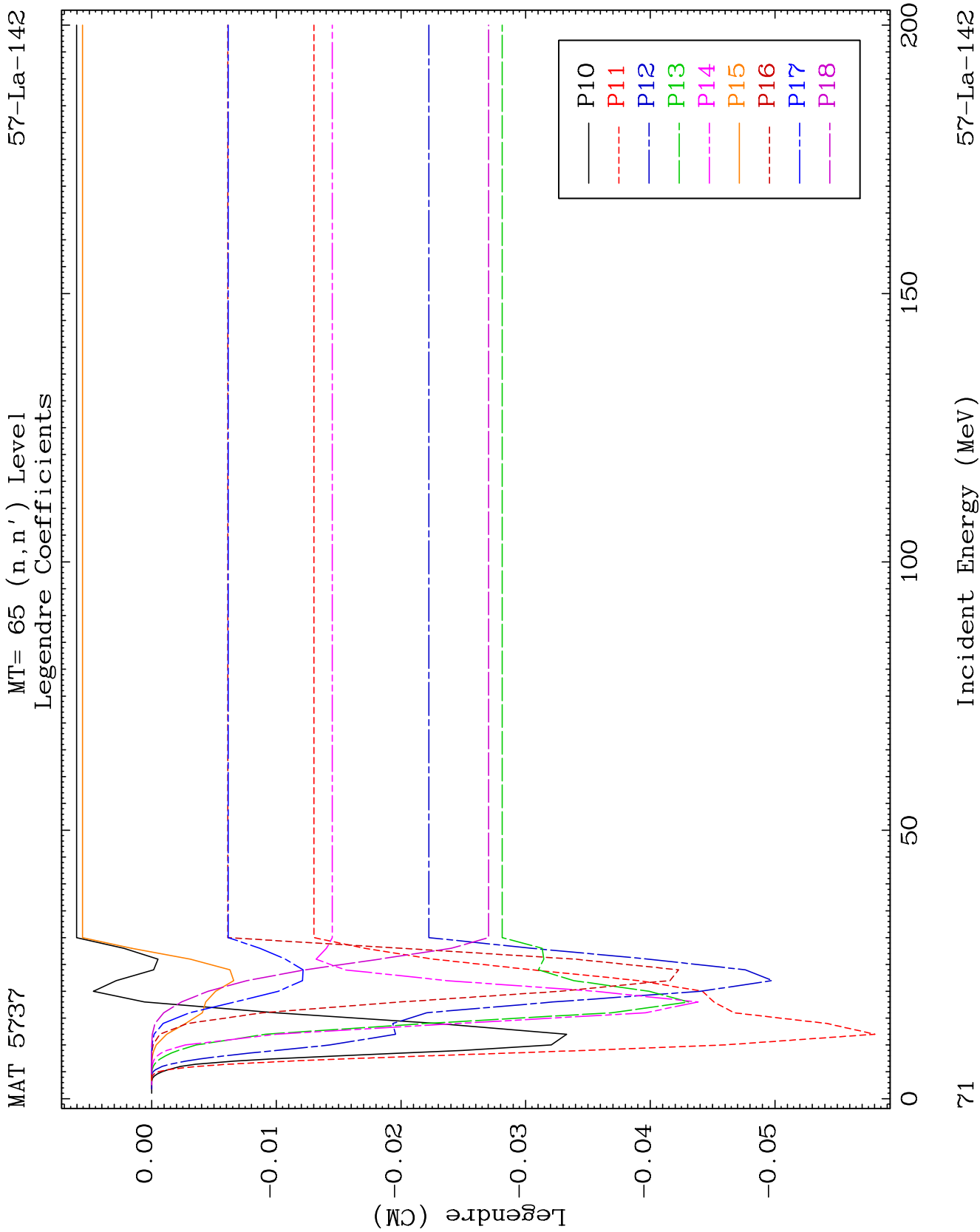










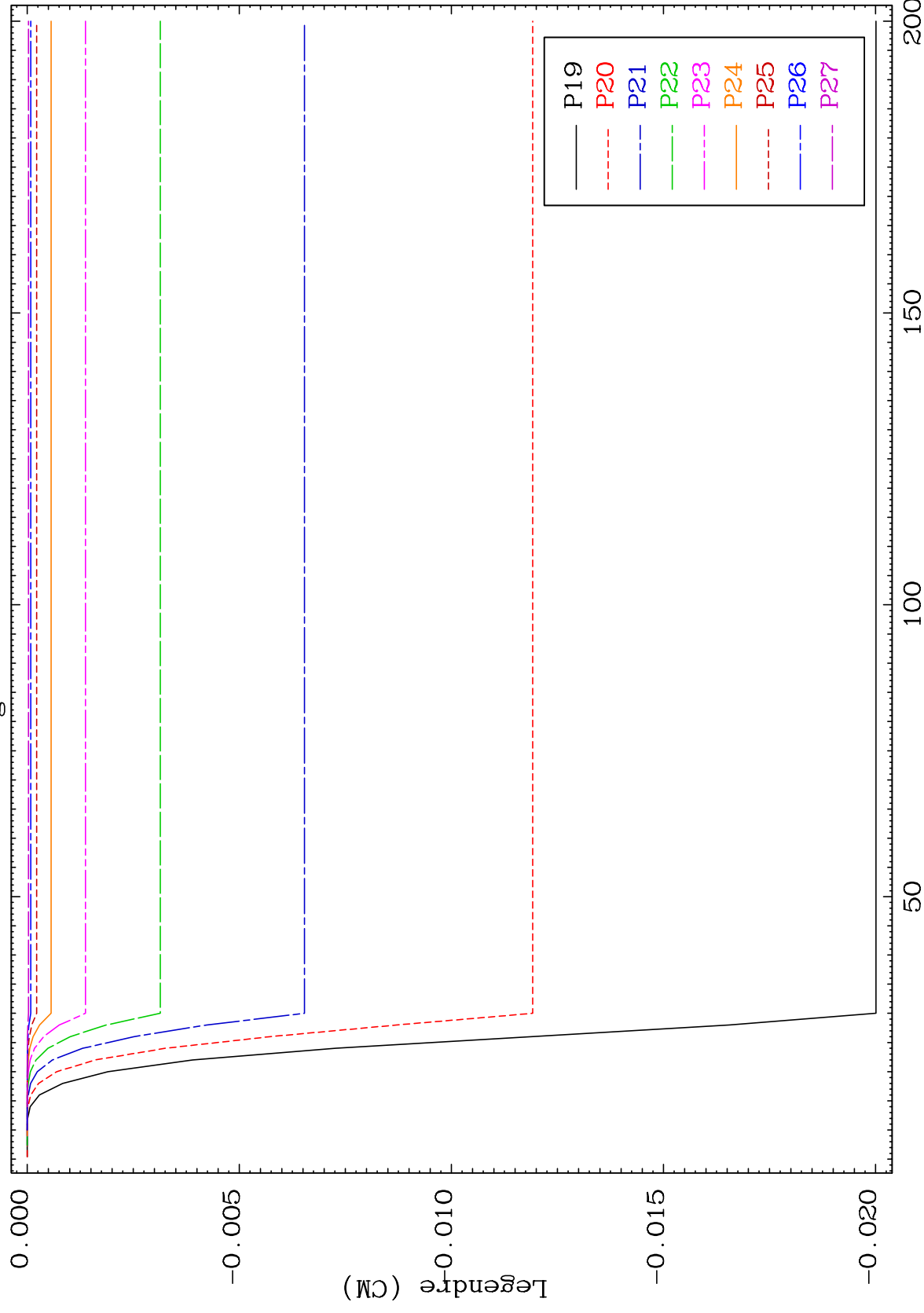


MAT 5737

MT= 65 (n, n') Level

57-La-142

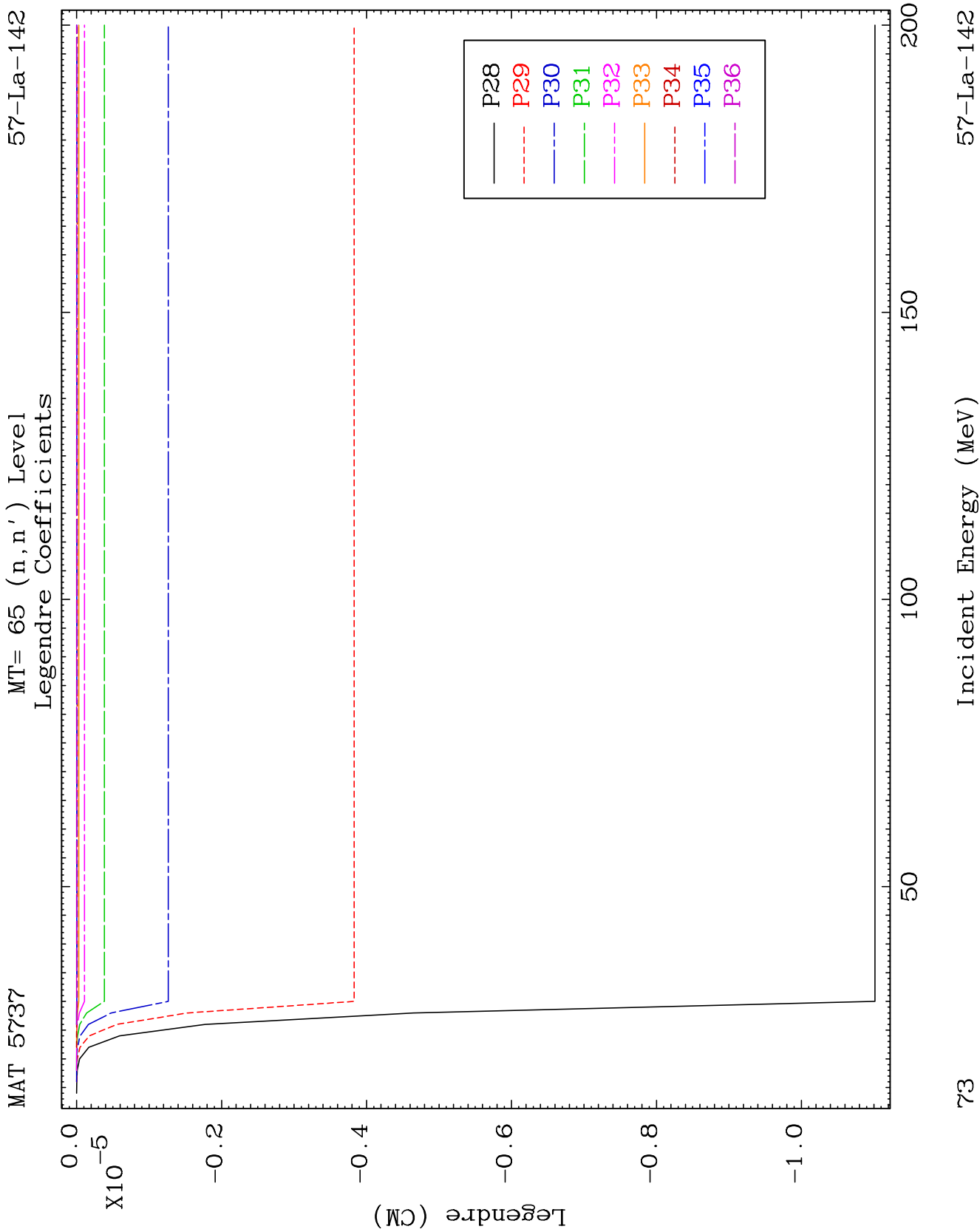
Legendre Coefficients

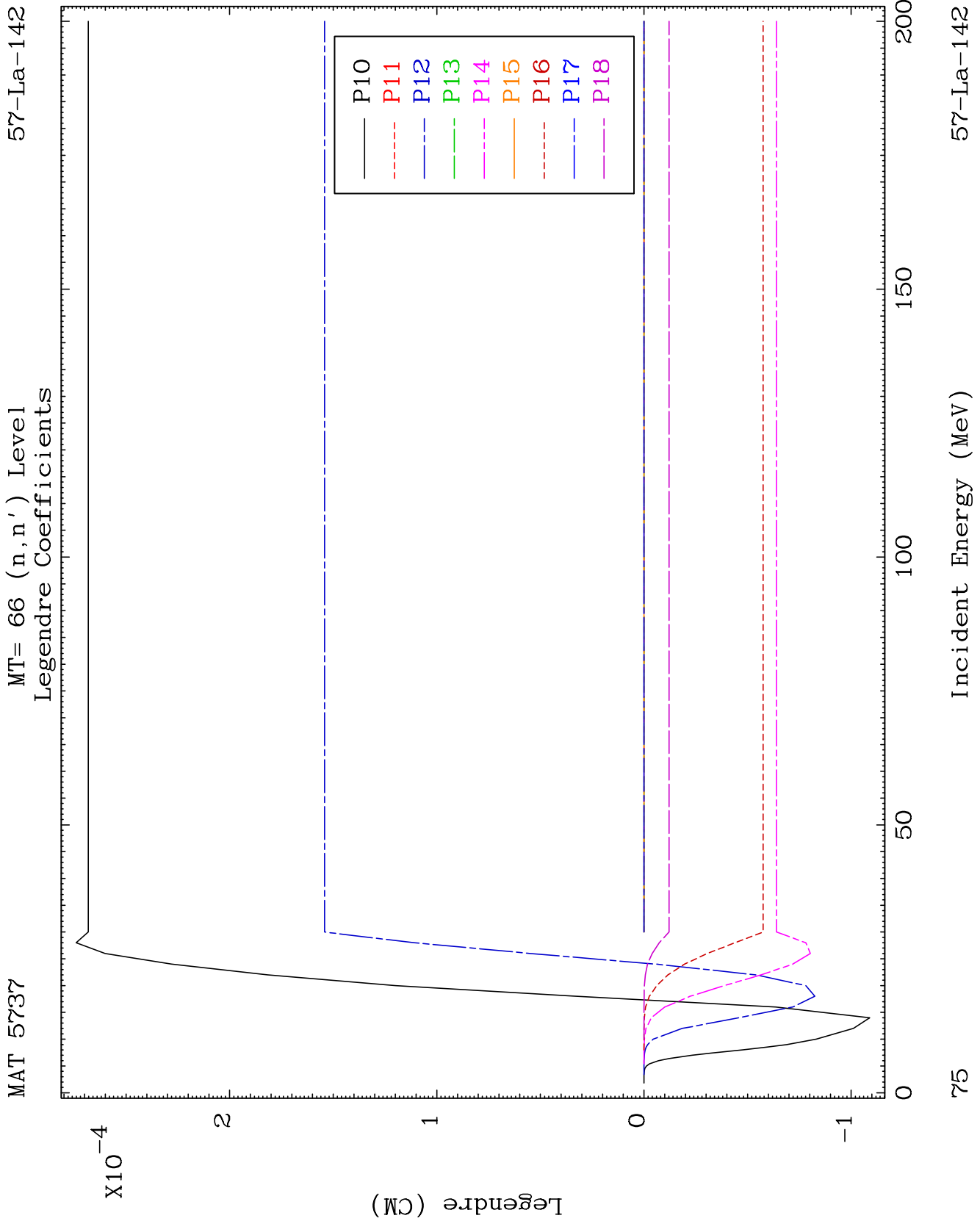


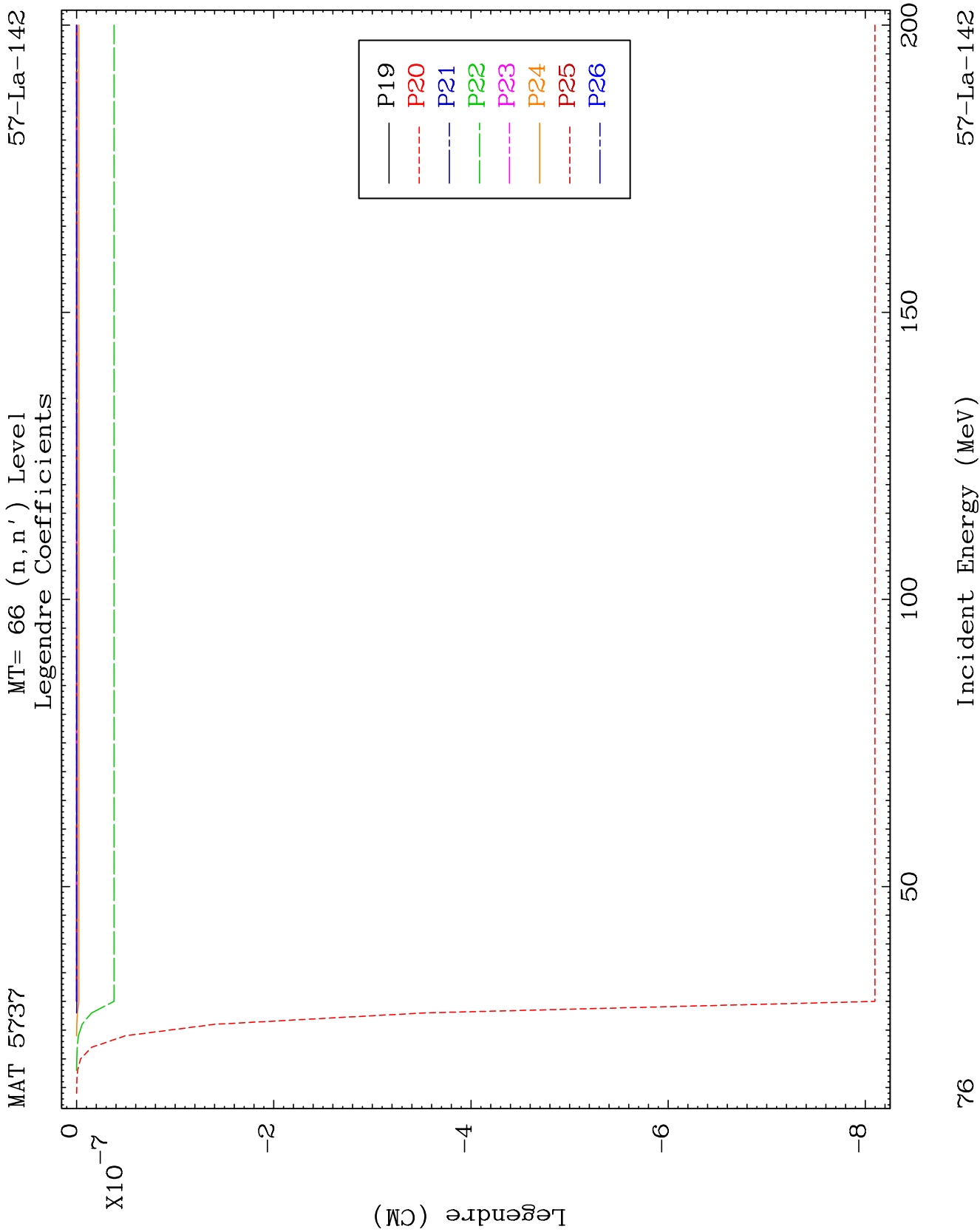
22

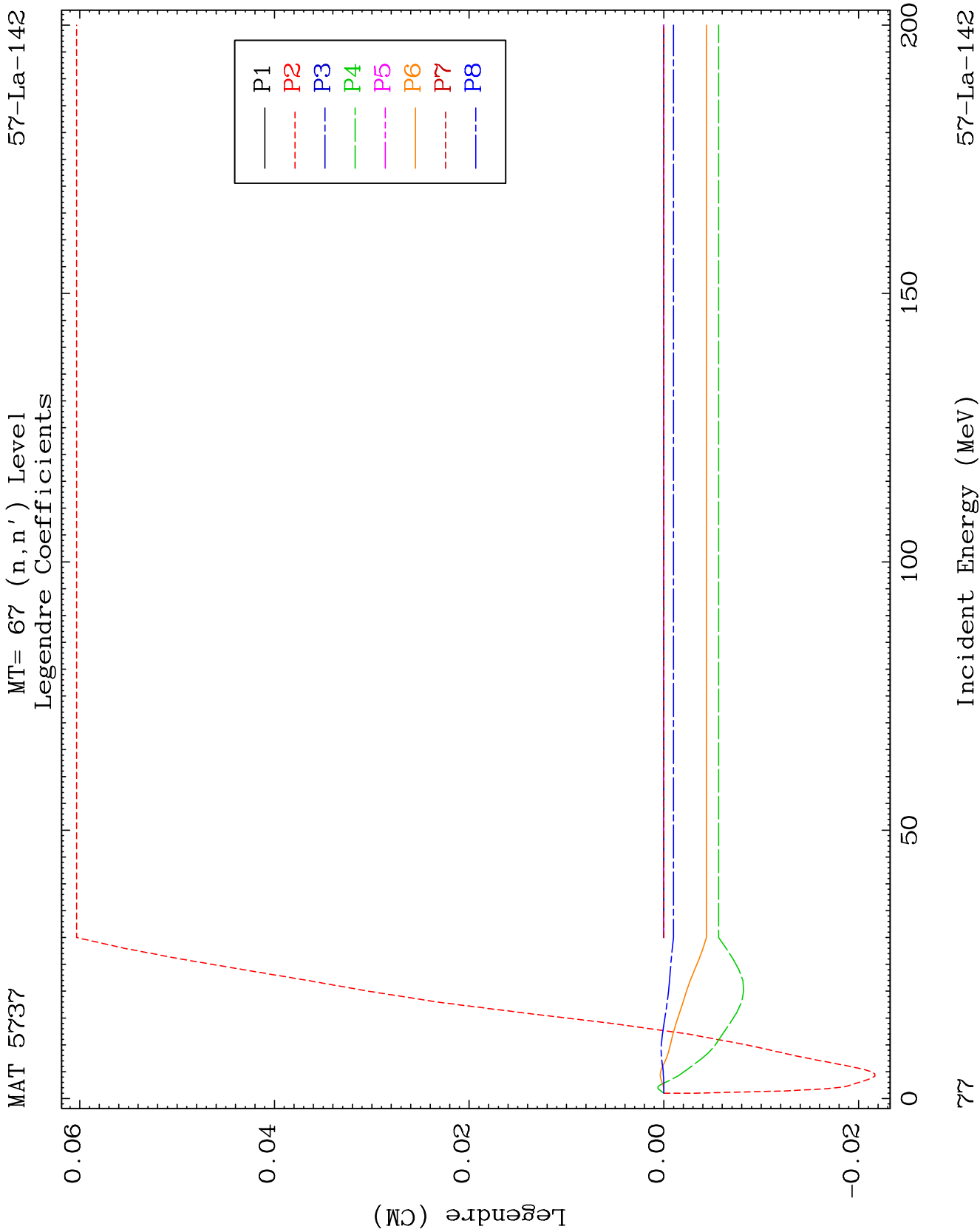
Incident Energy (MeV)

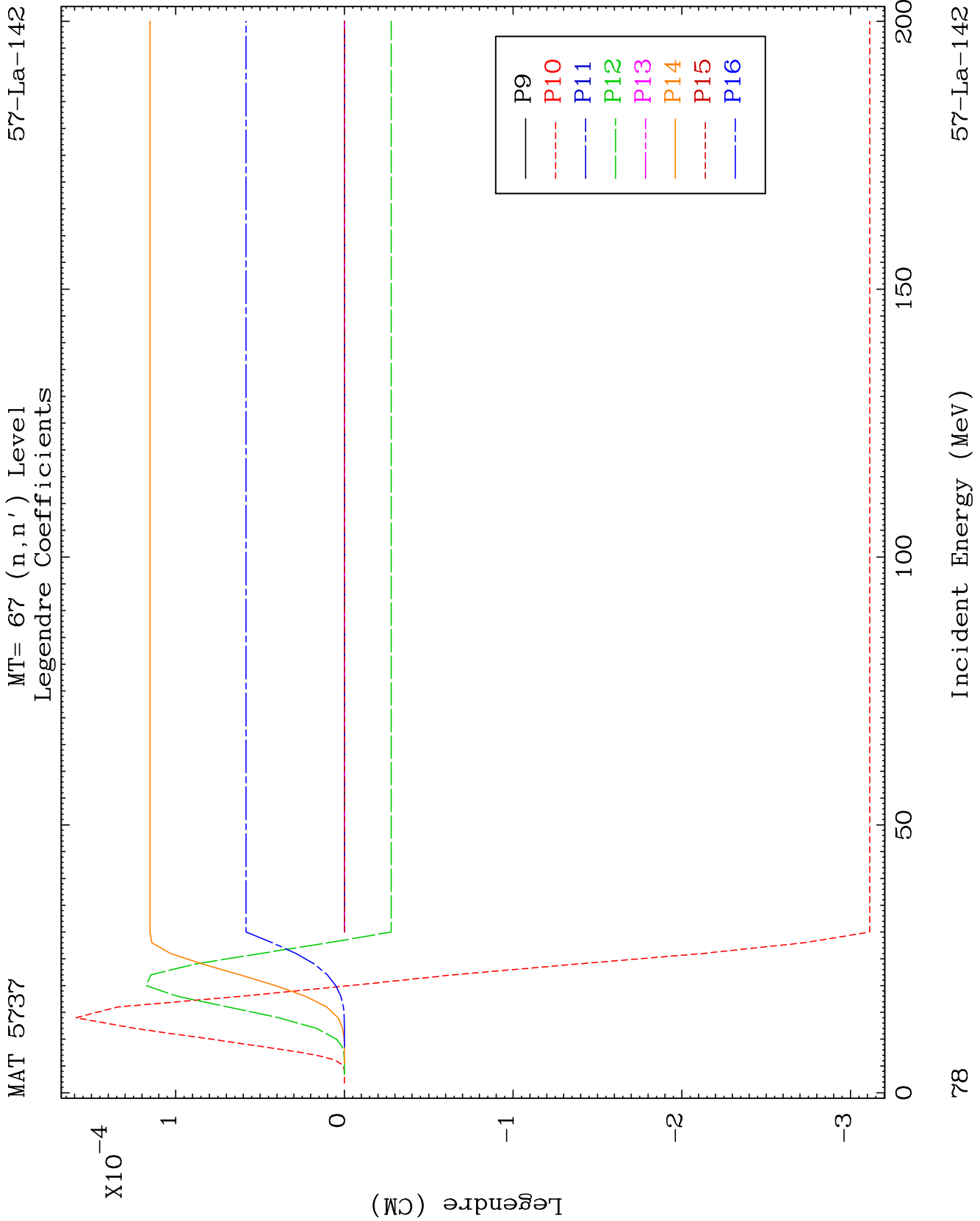
57-La-142

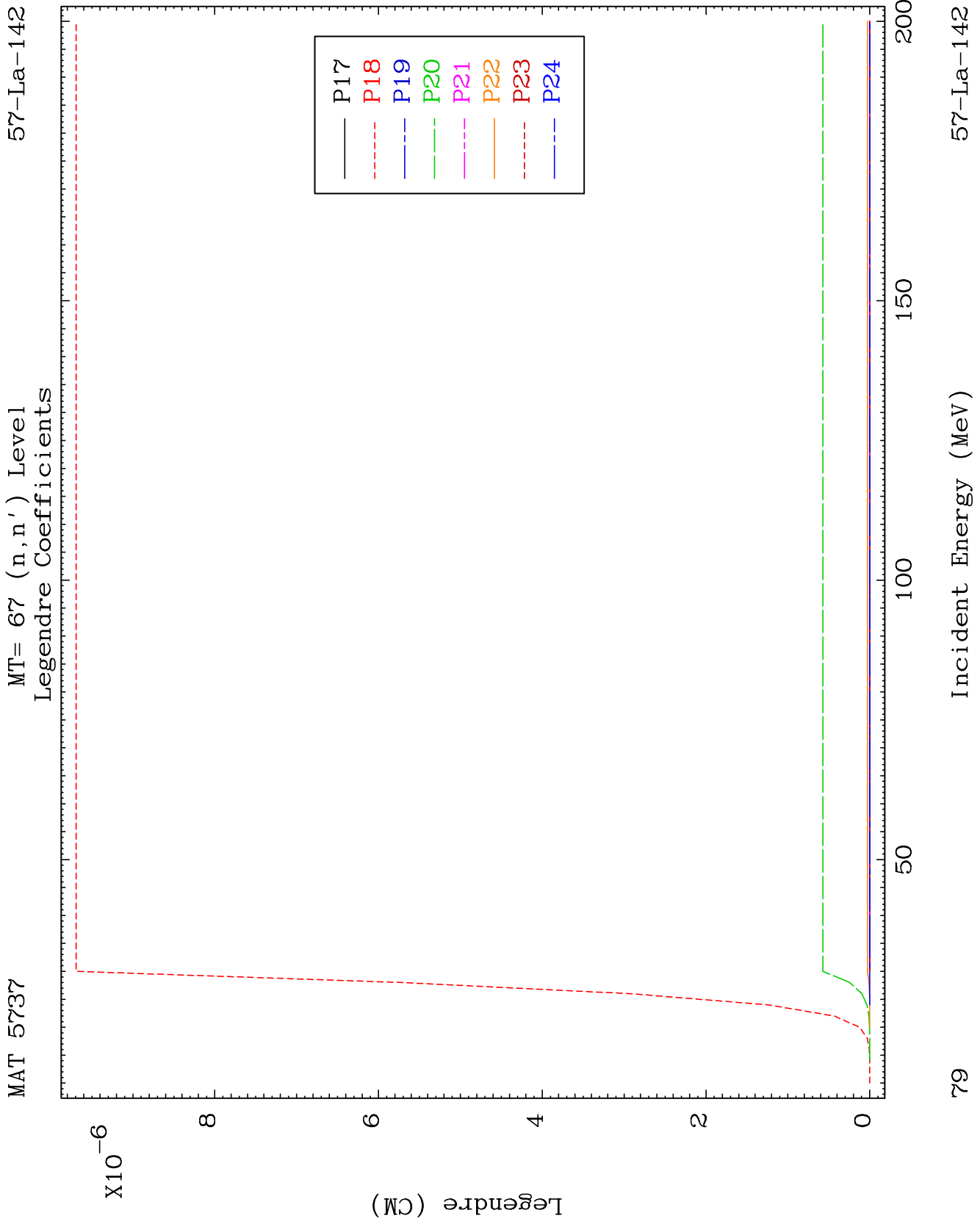








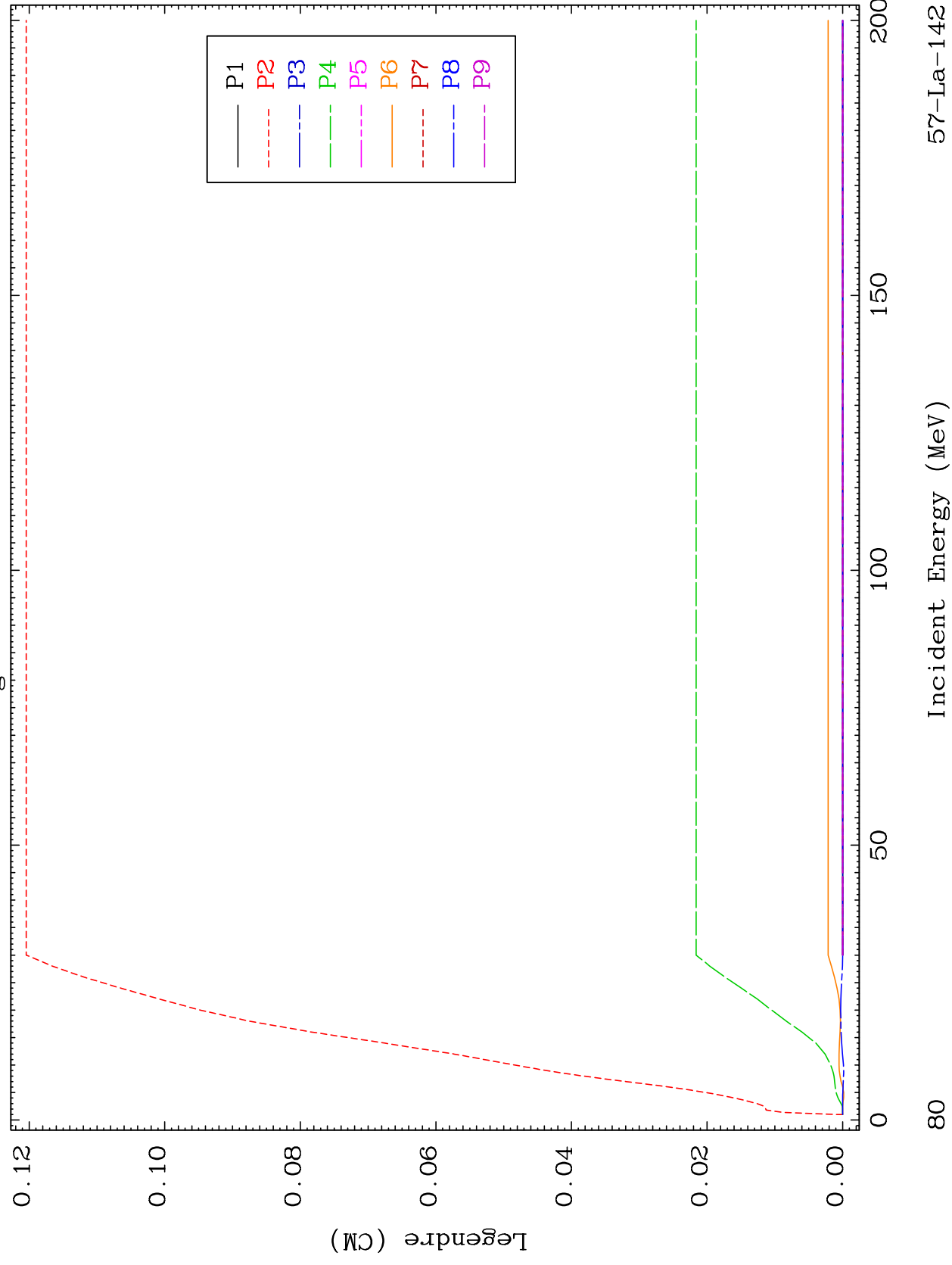


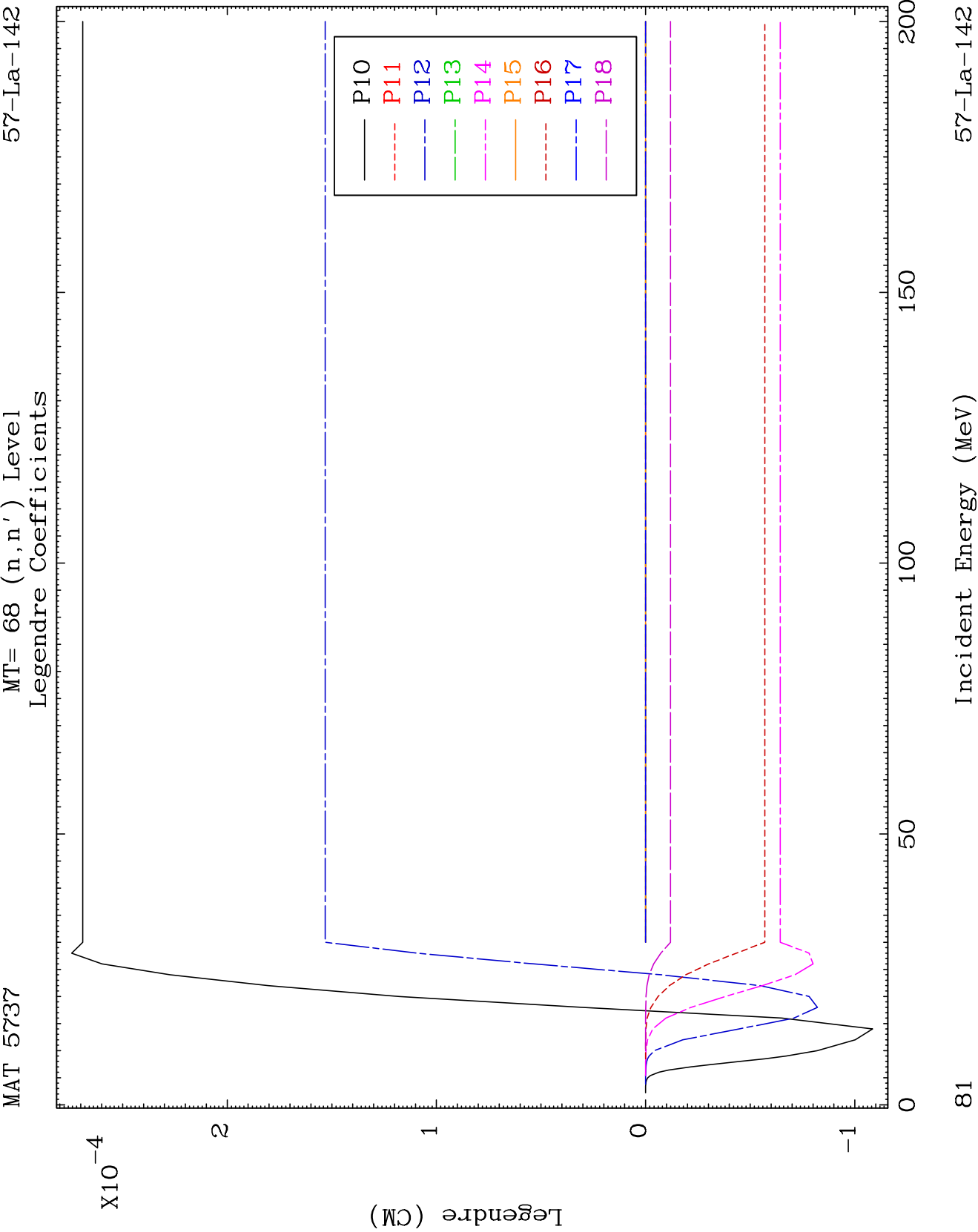


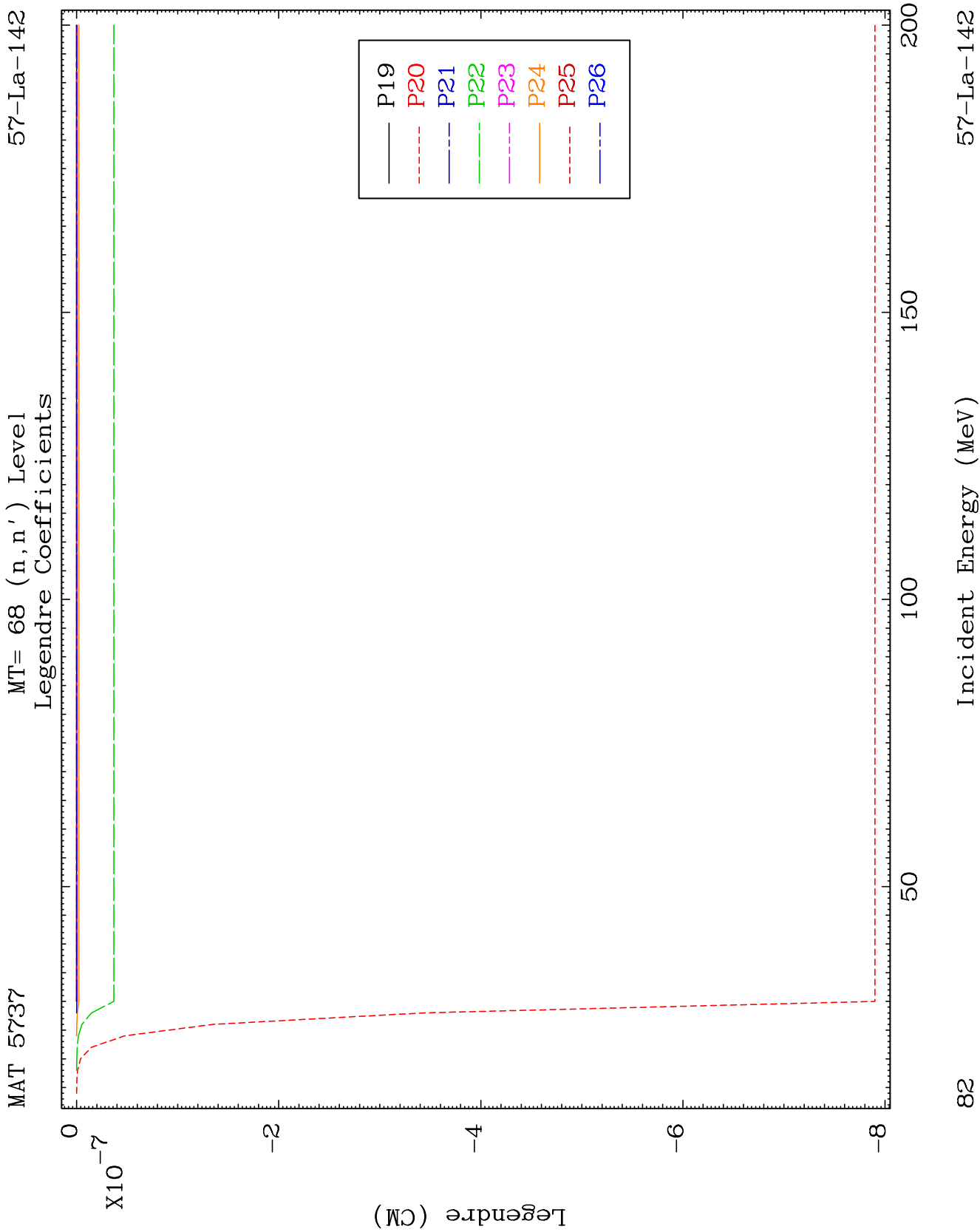
MAT 5737

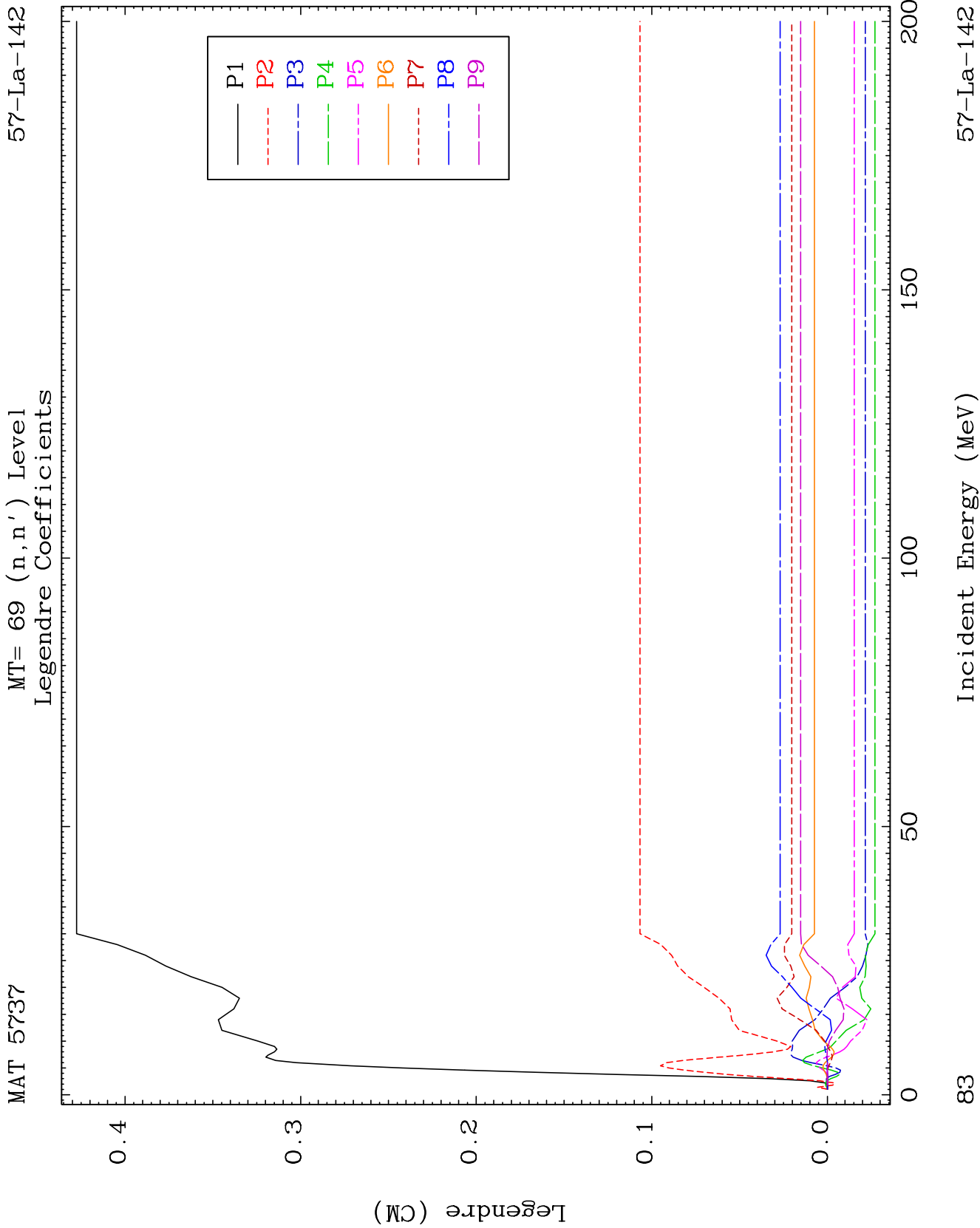
MT= 68 (n, n') Level
Legendre Coefficients

57-La-142





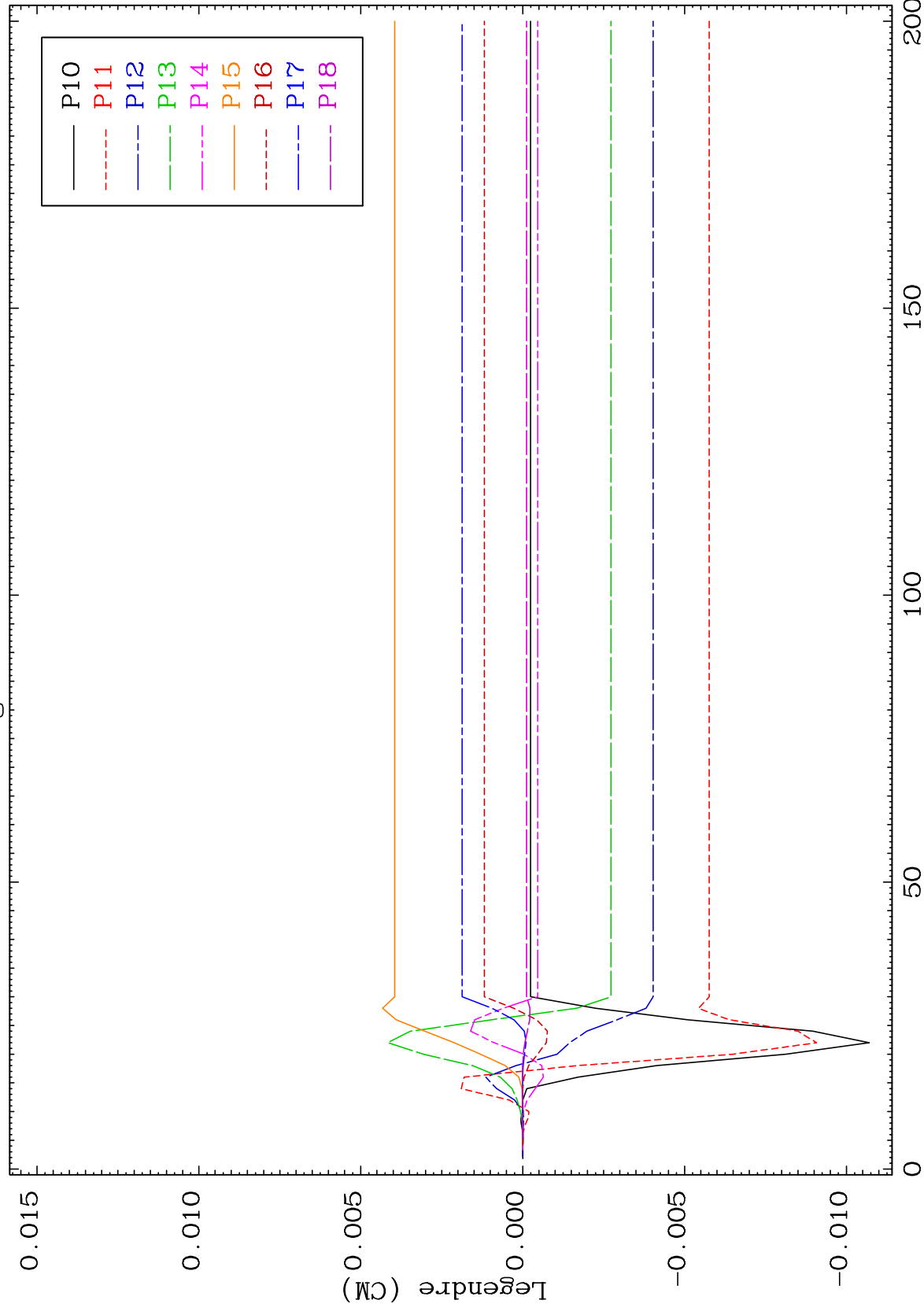




MAT 5737

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

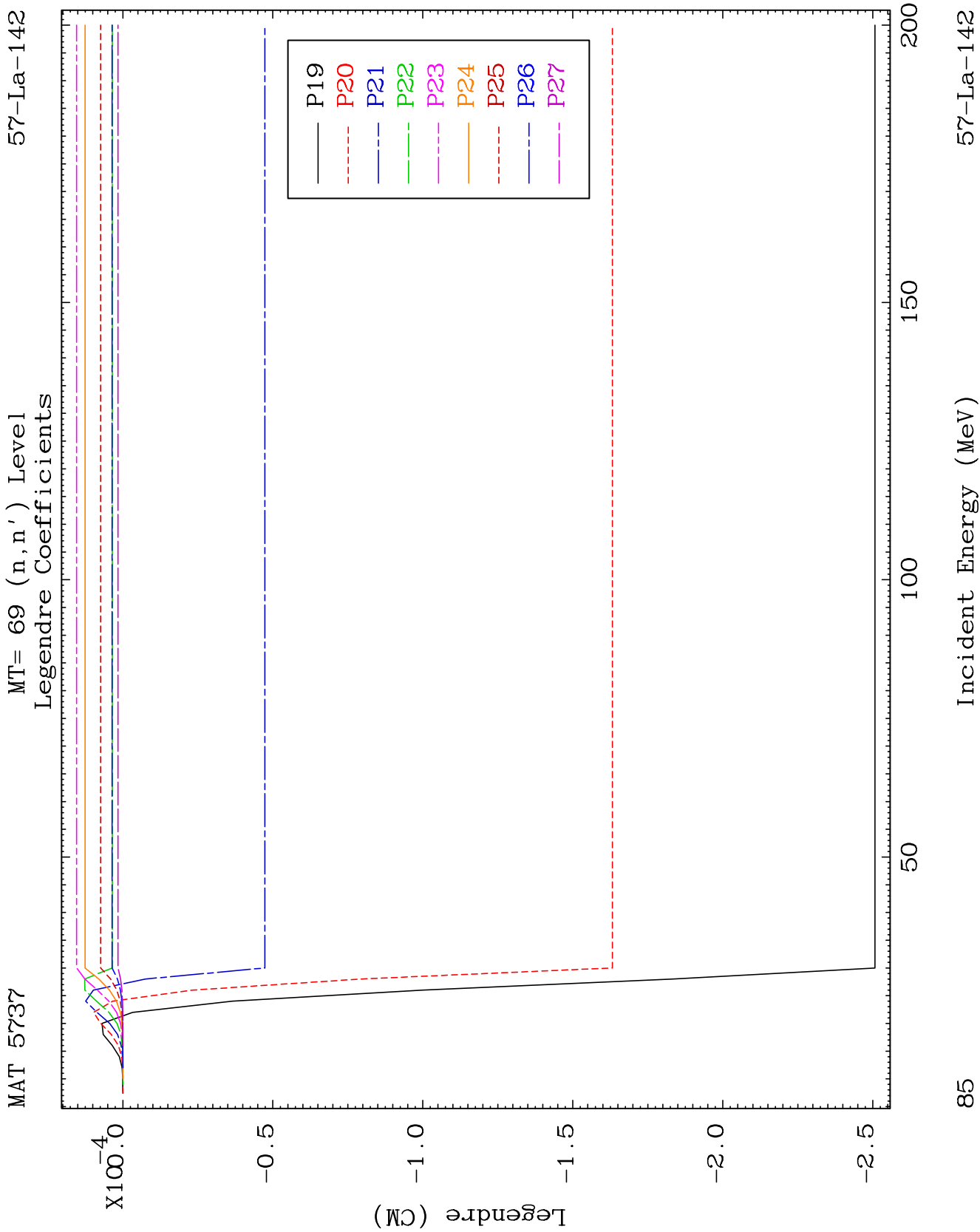
57-La-142

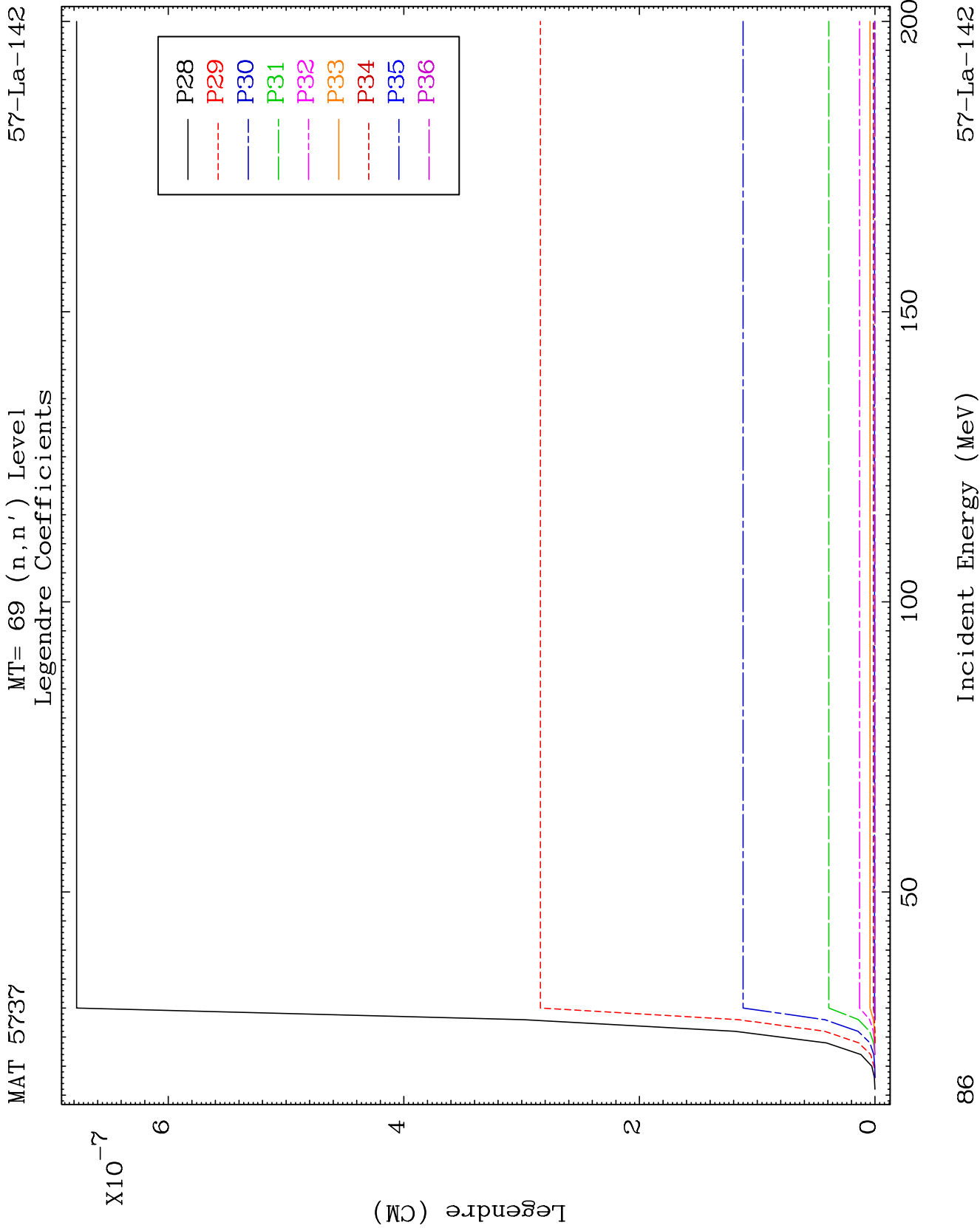


84

Incident Energy (MeV)

57-La-142

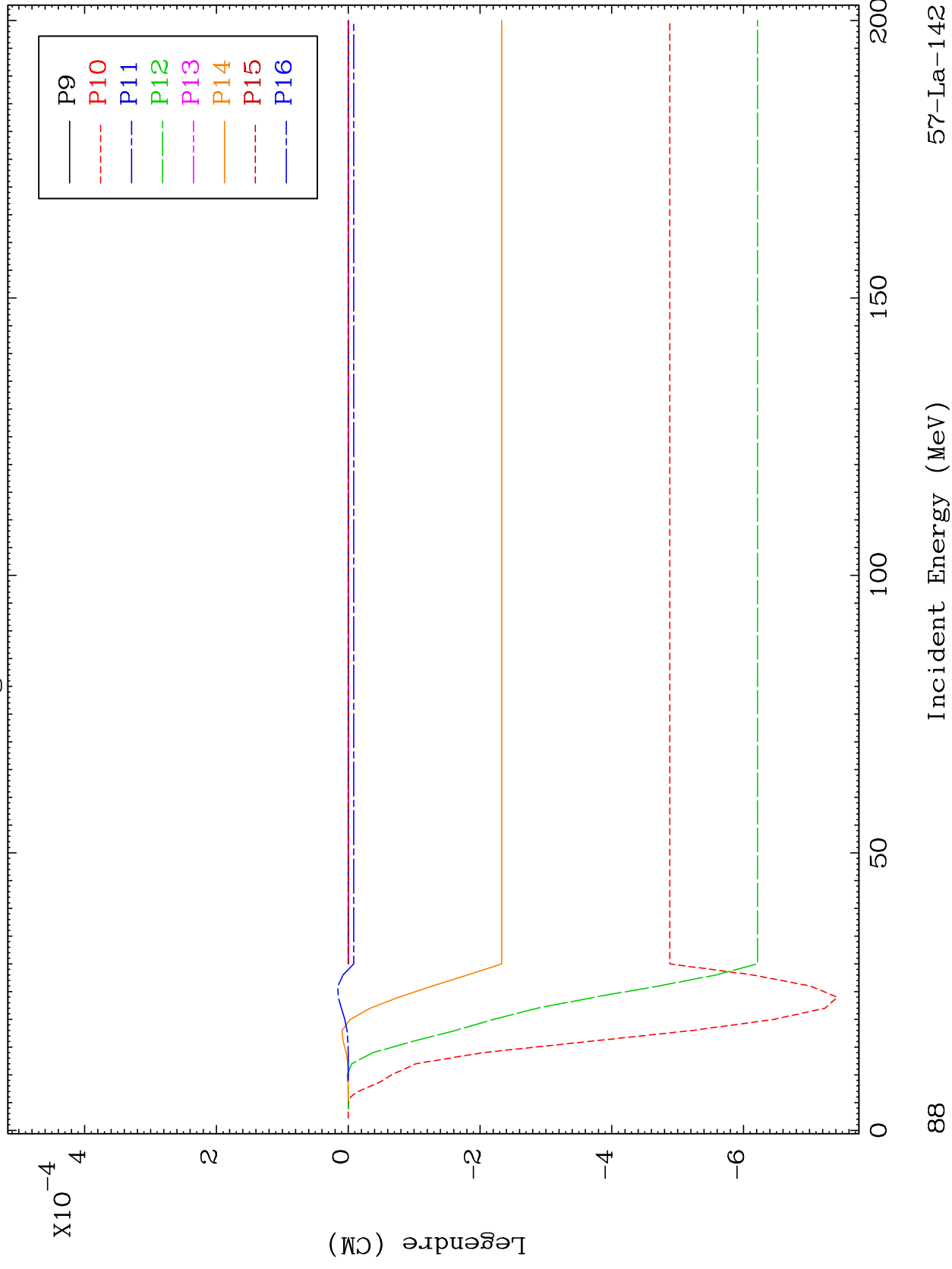




MAT 5737

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

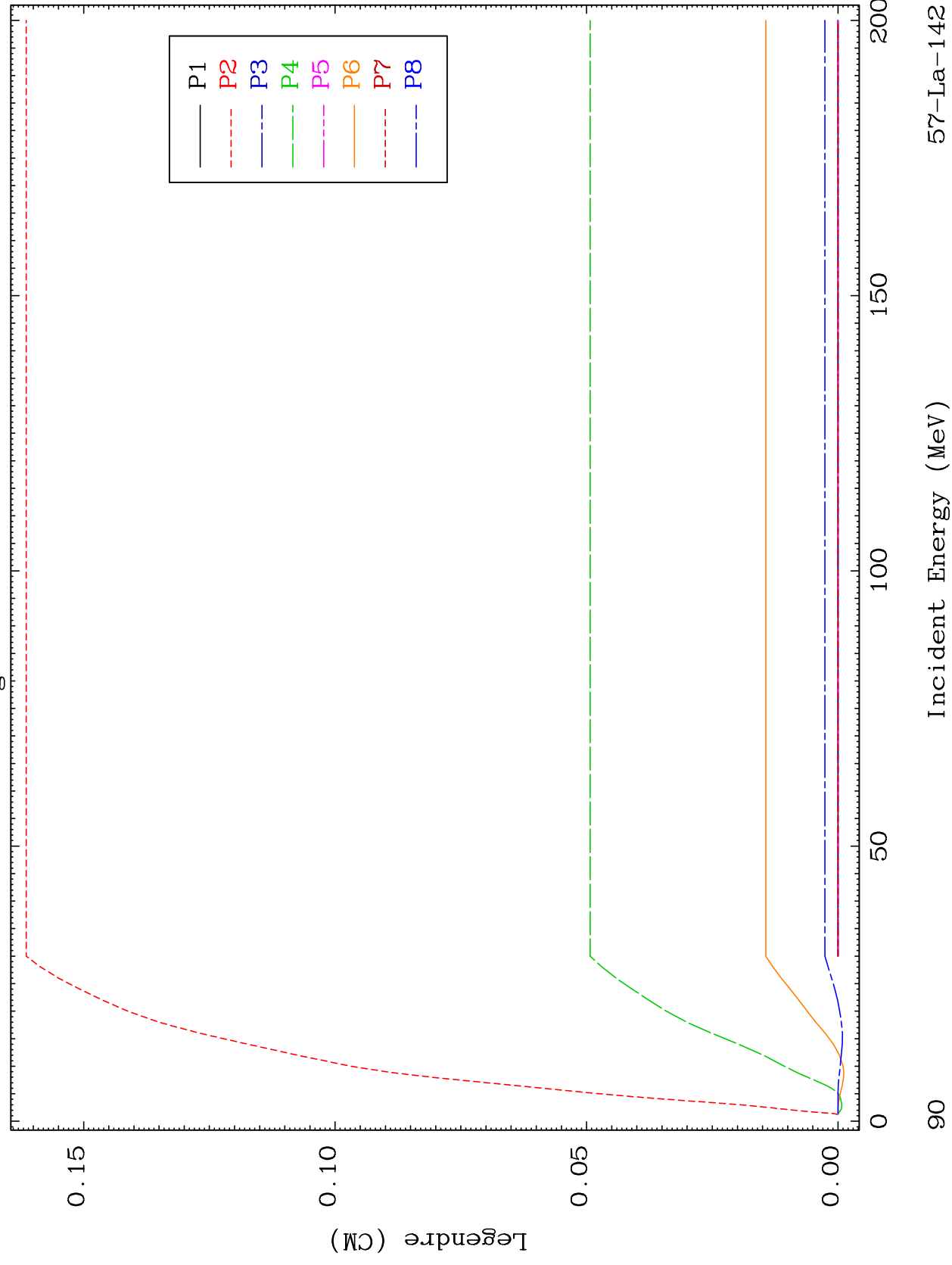
57-La-142

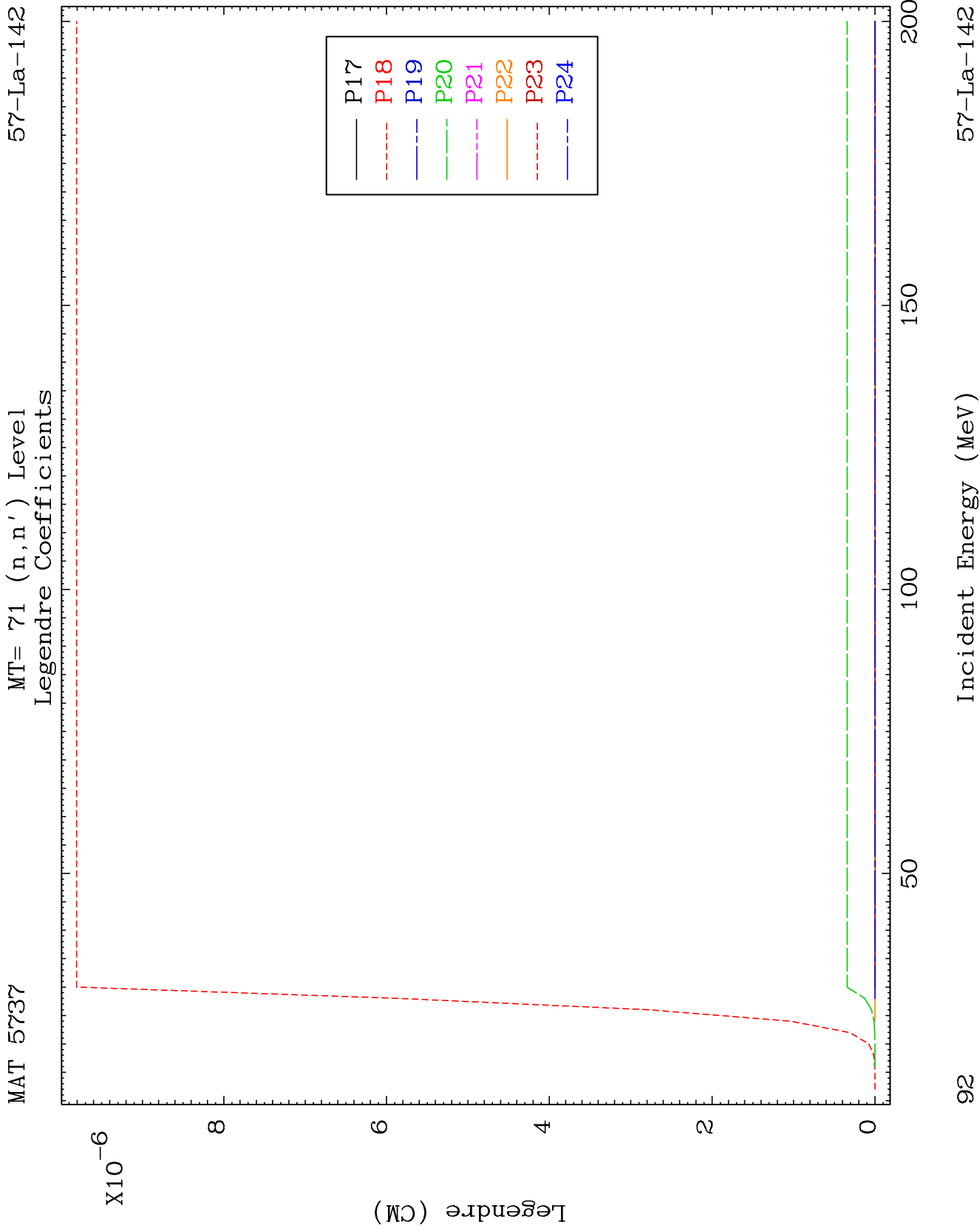


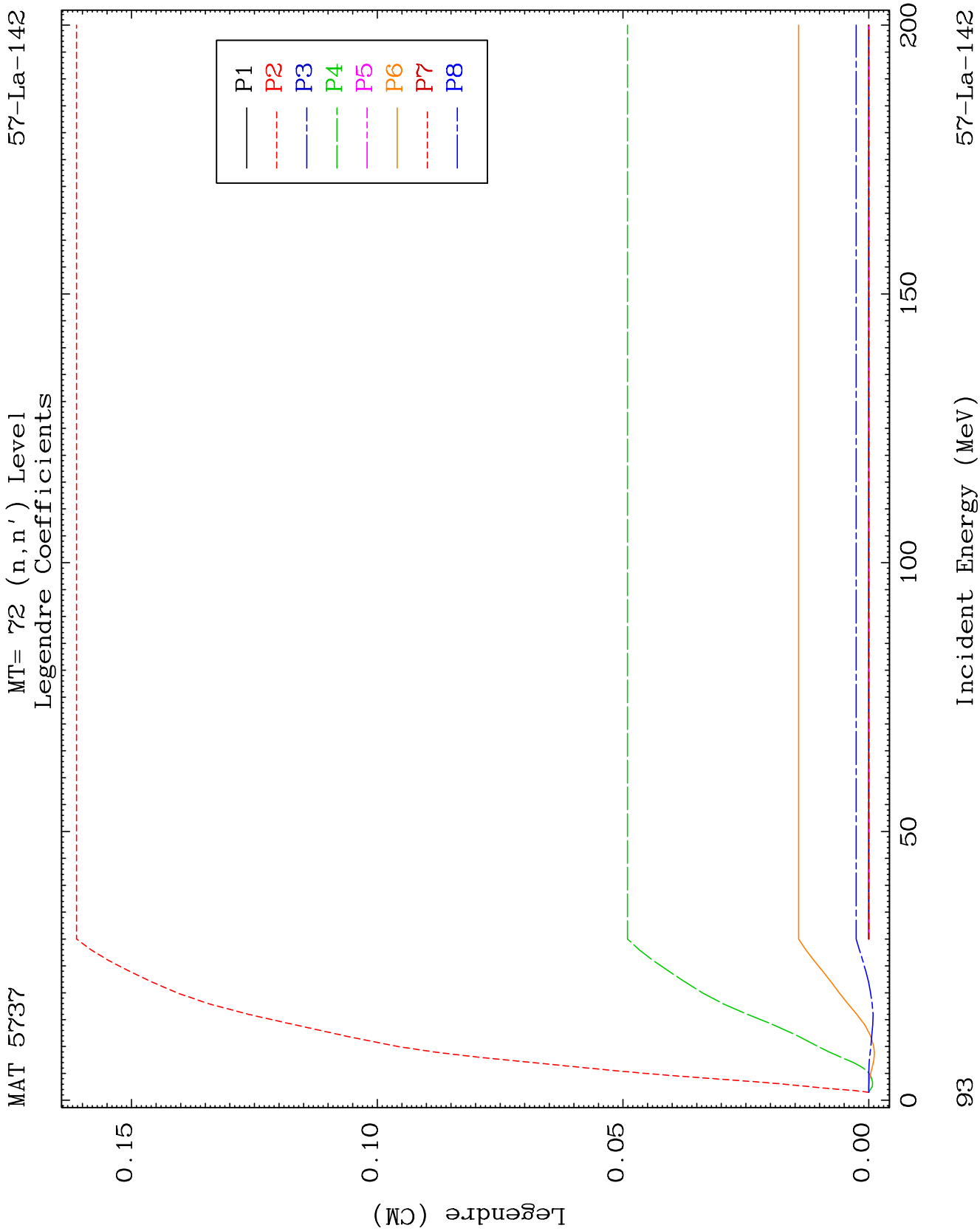
MAT 5737

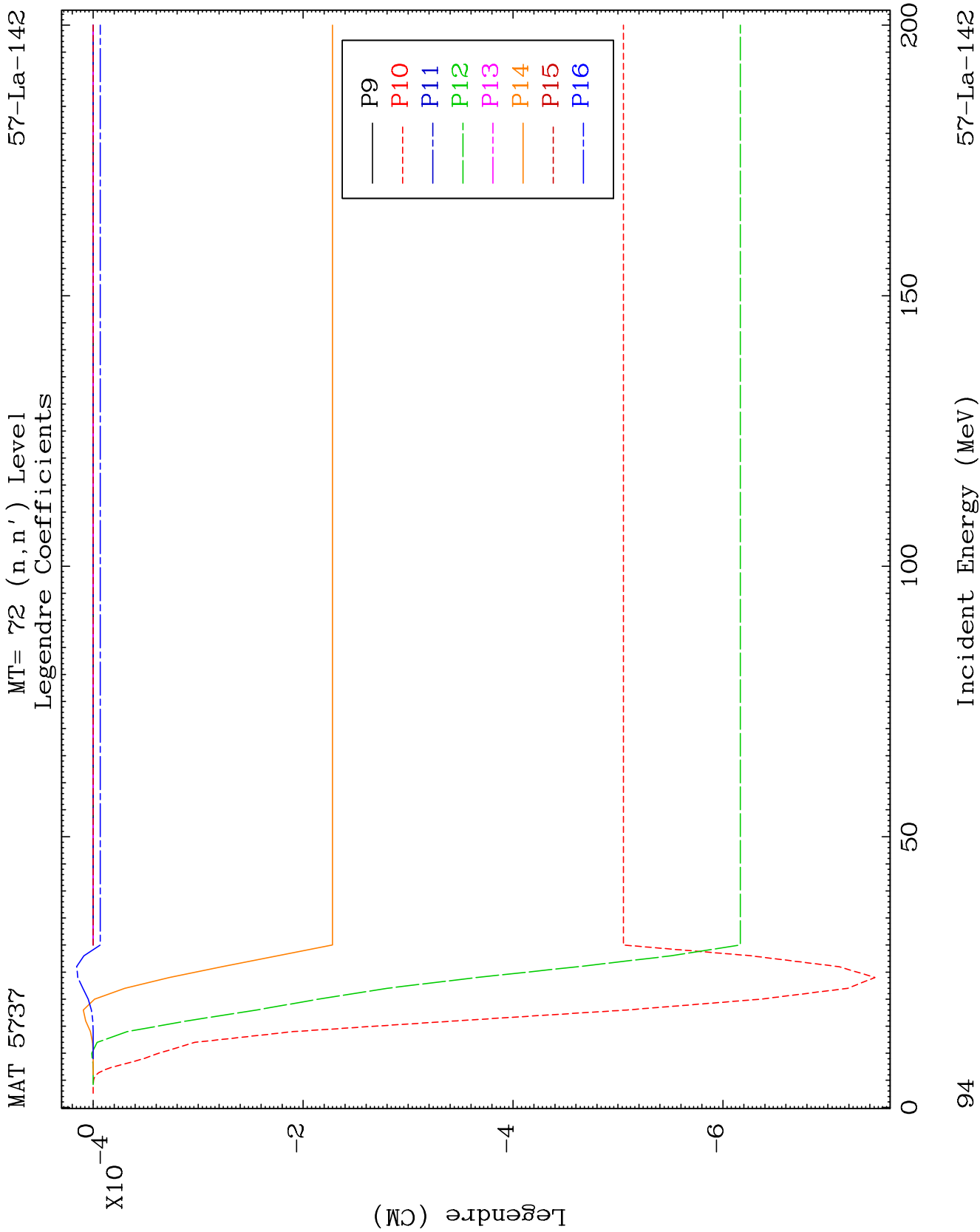
MT= 71 (n, n') Level
Legendre Coefficients

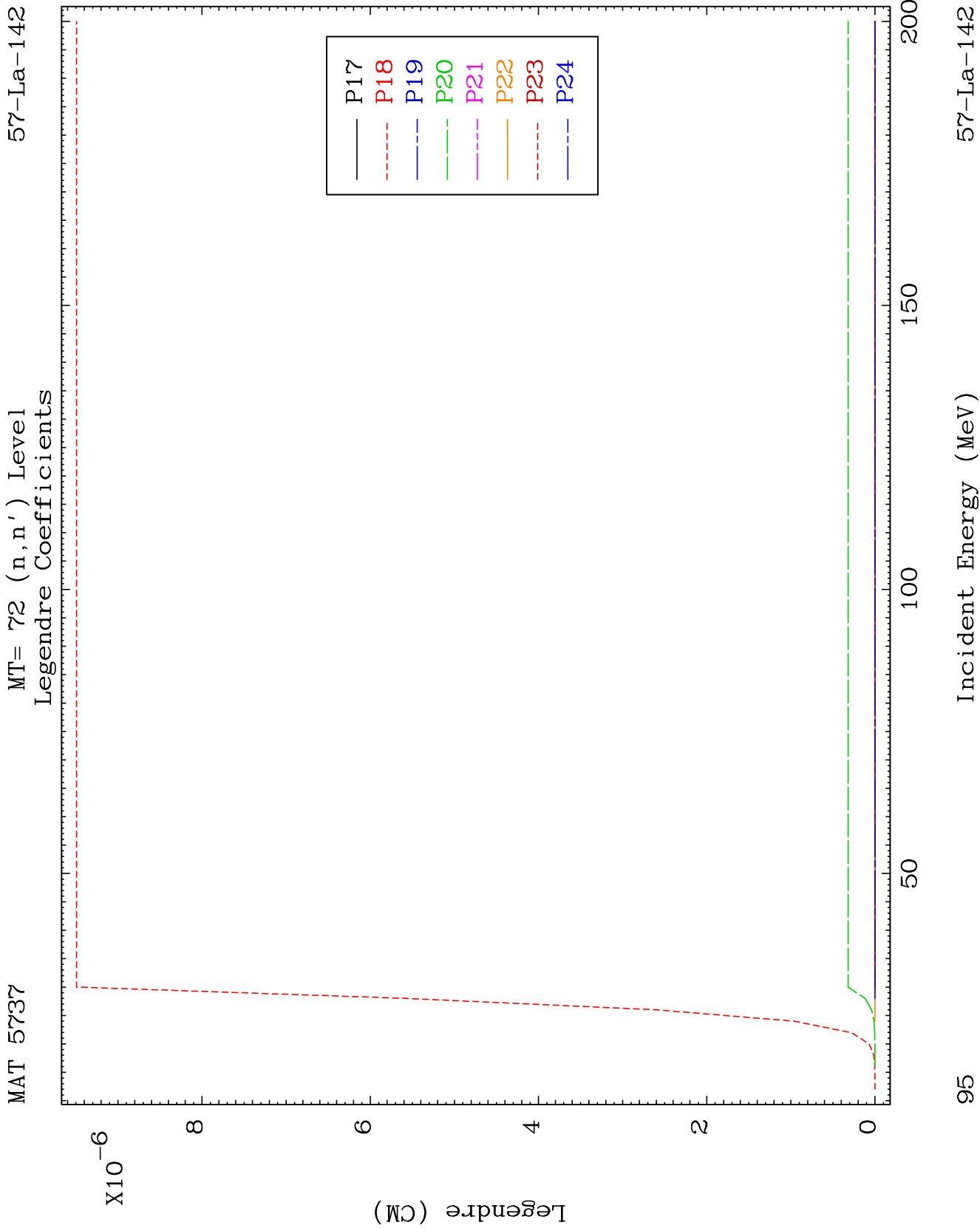
57-La-142







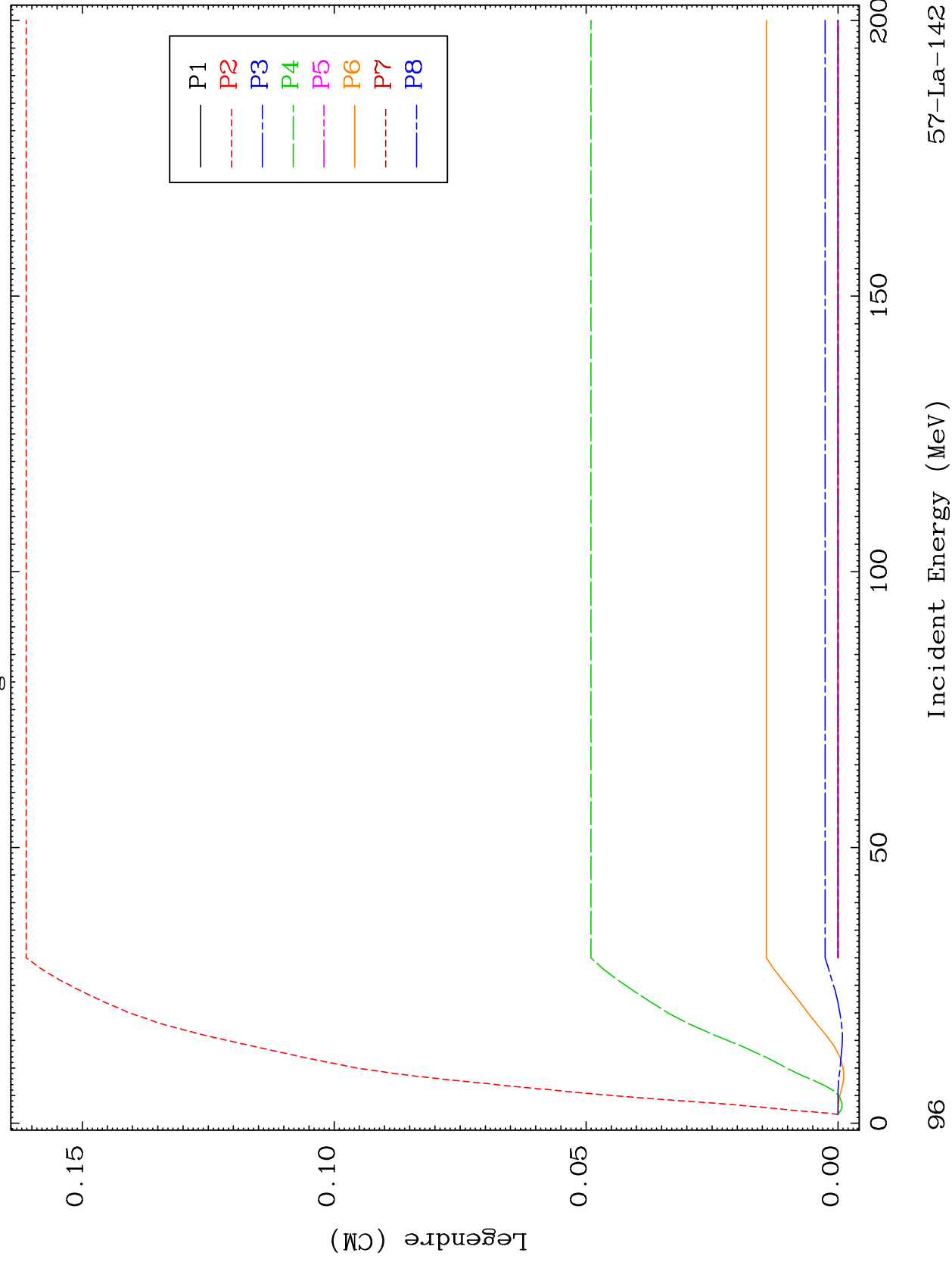


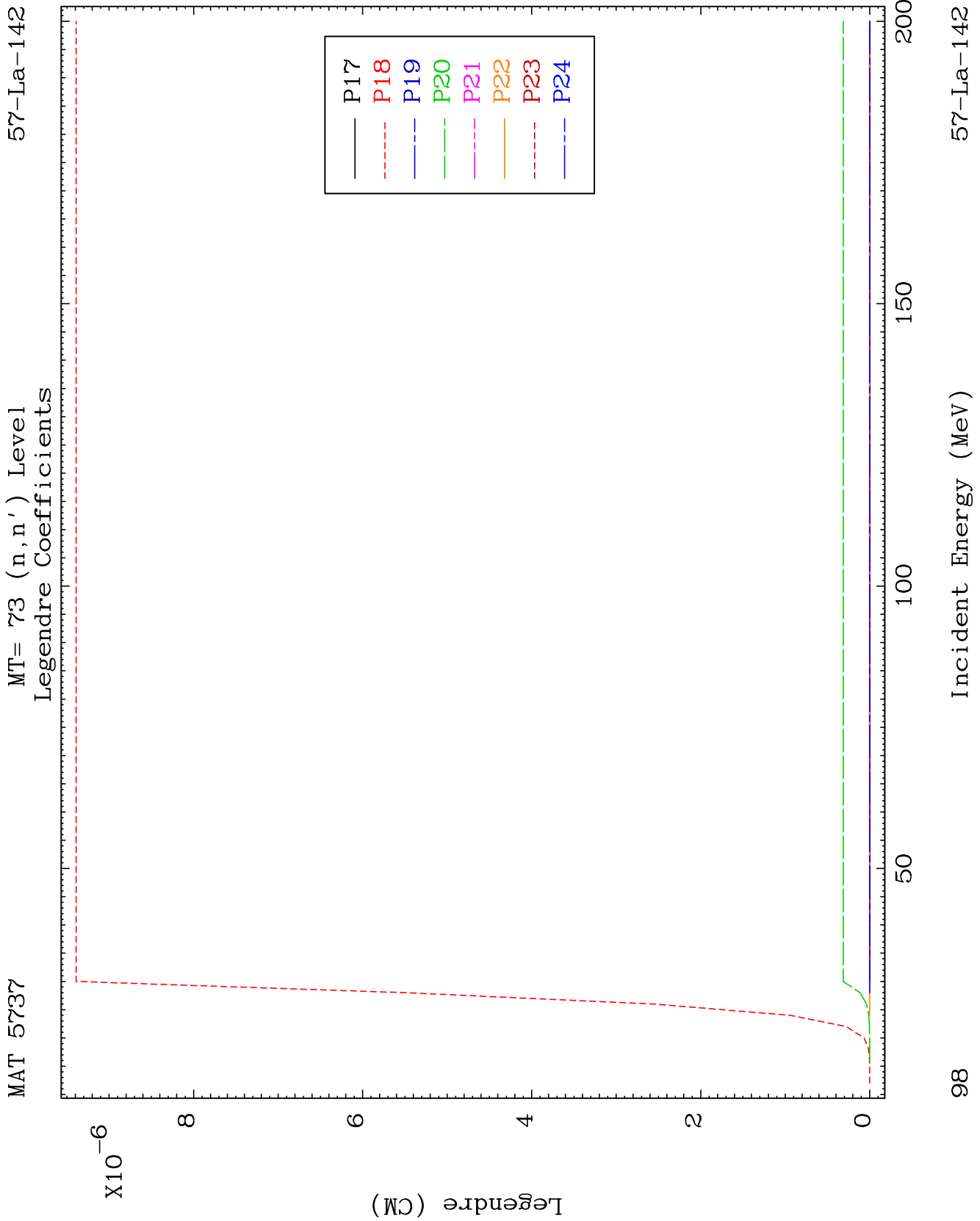


MAT 5737

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

57-La-142

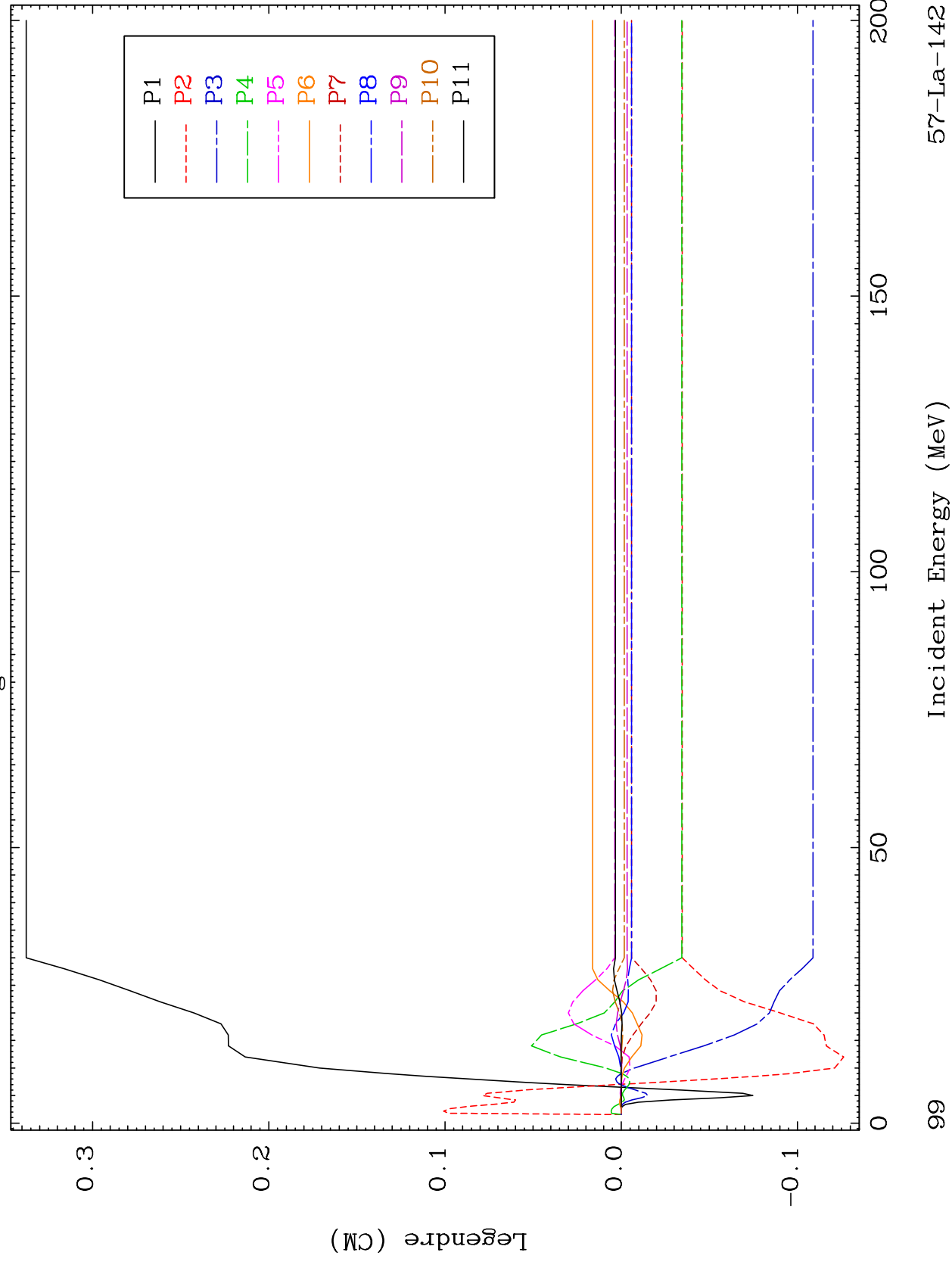




MAT 5737

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

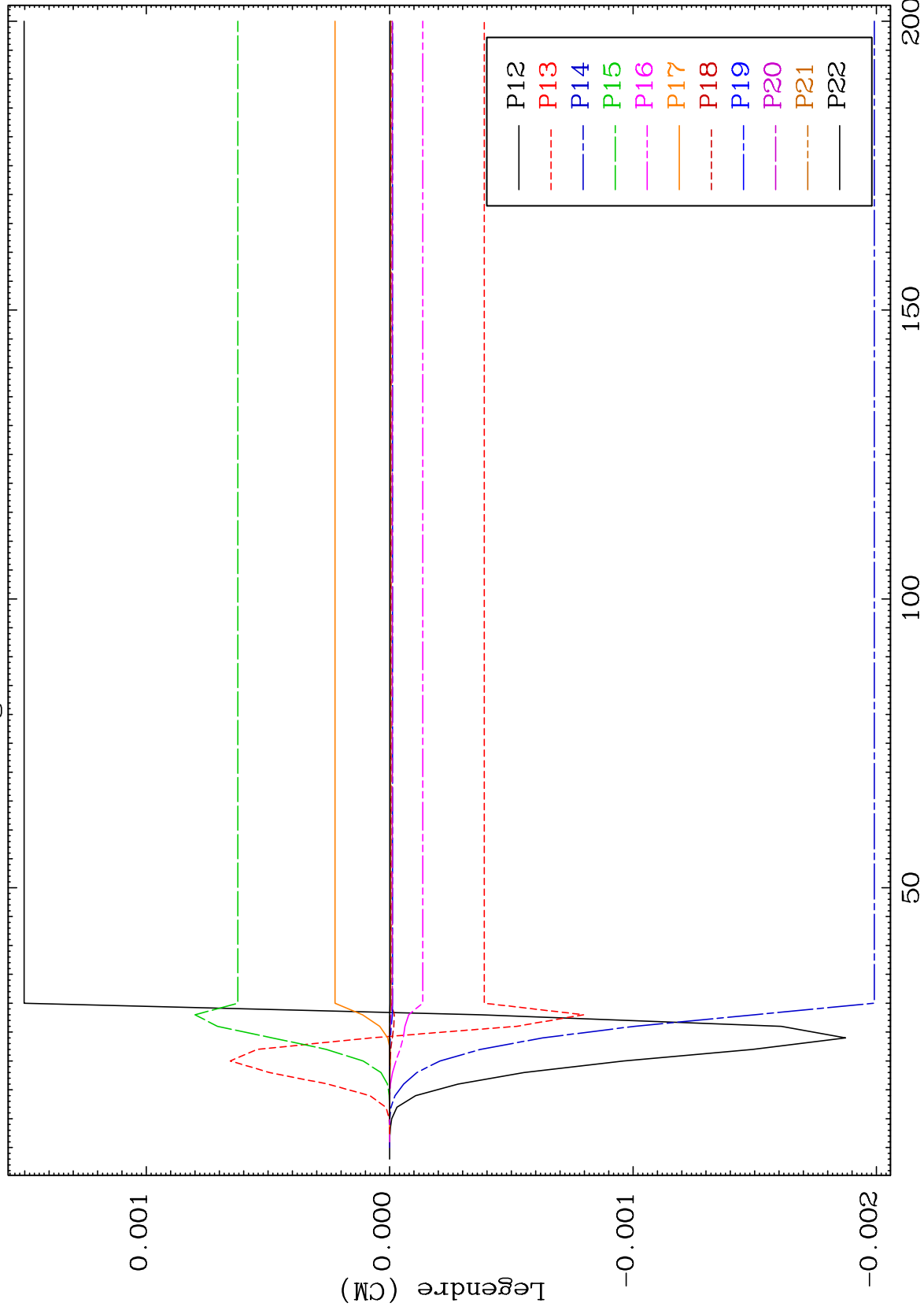
57-La-142



MAT 5737

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

57-La-142



100

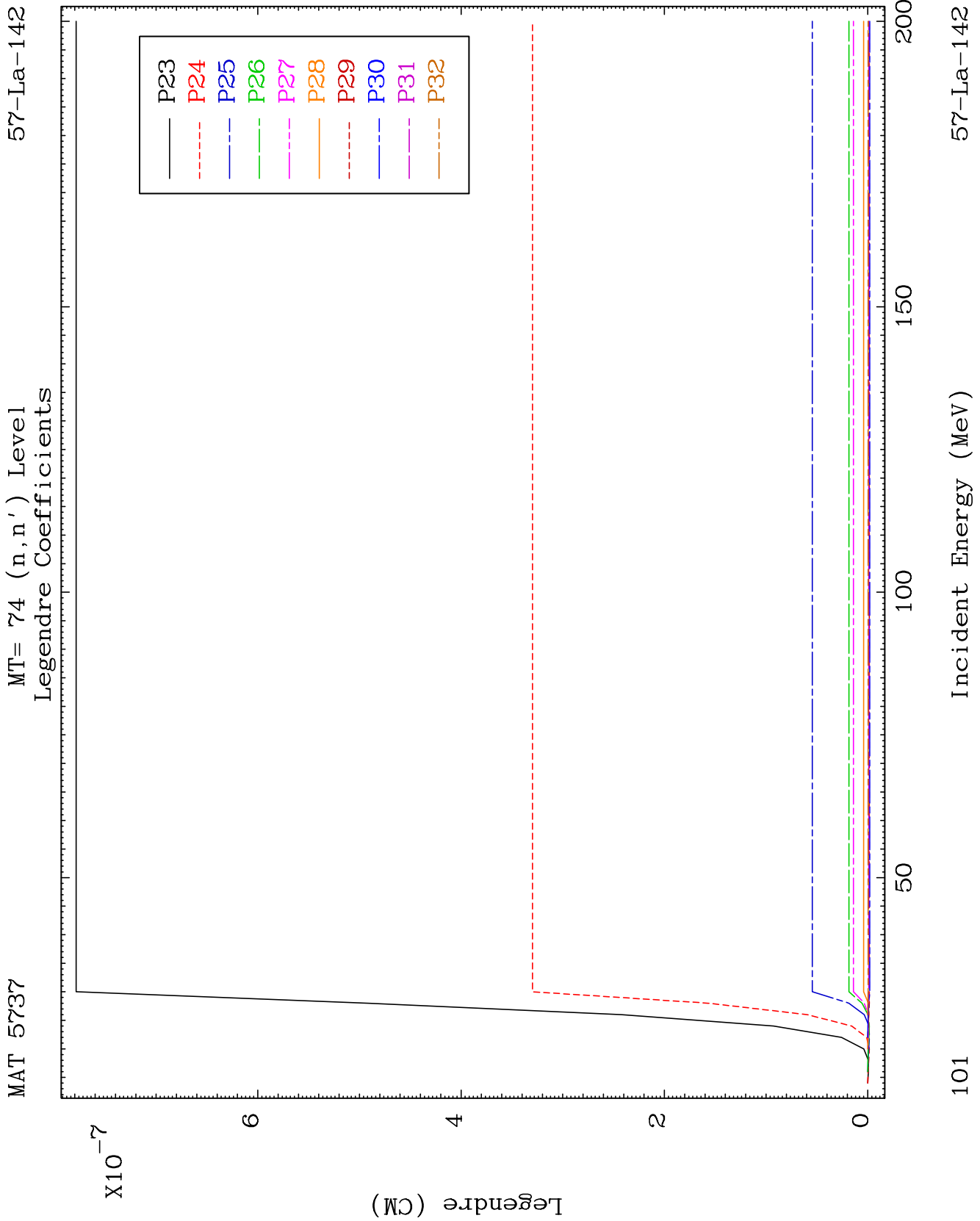
50

100

150

200

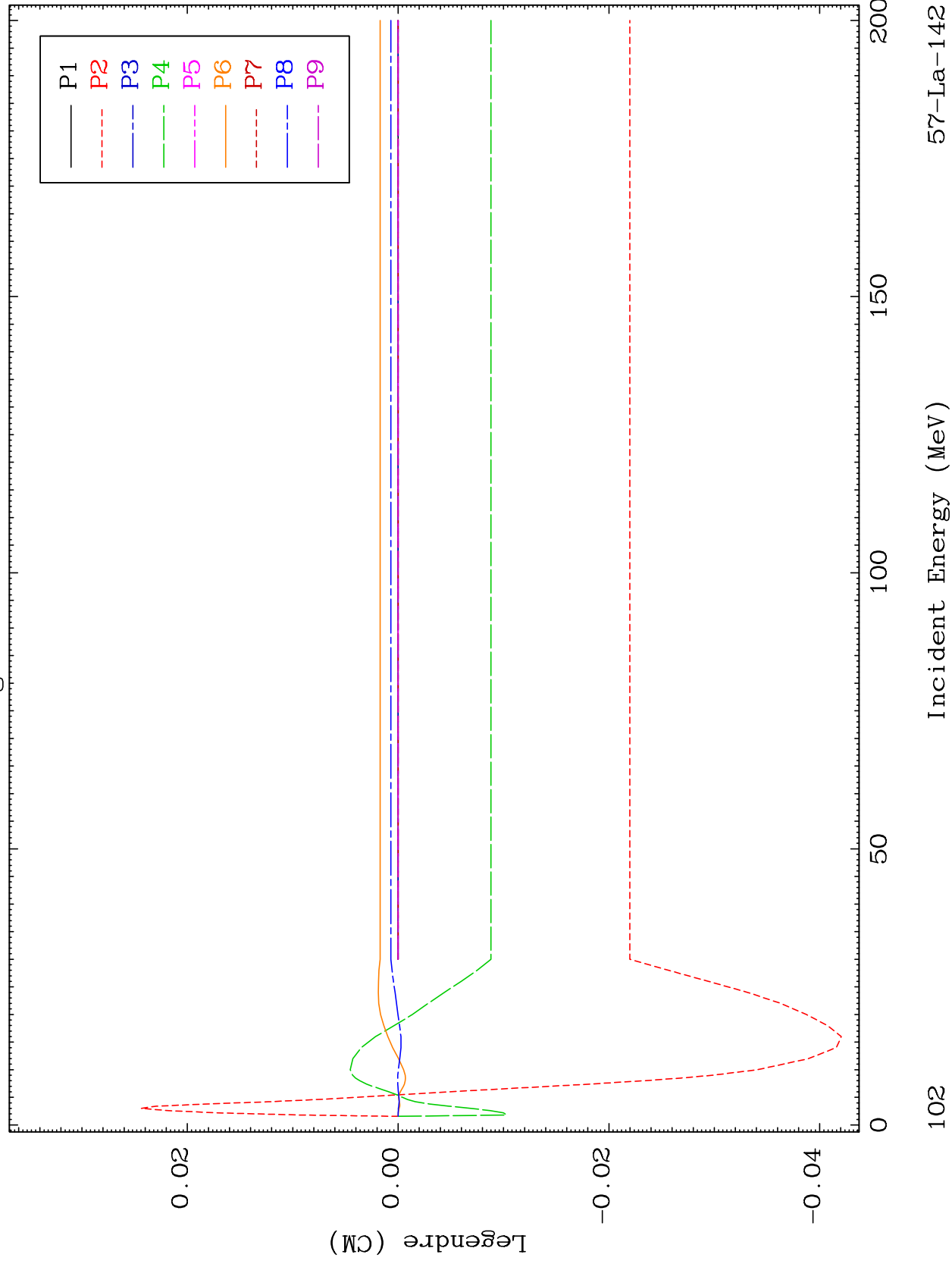
57-La-142

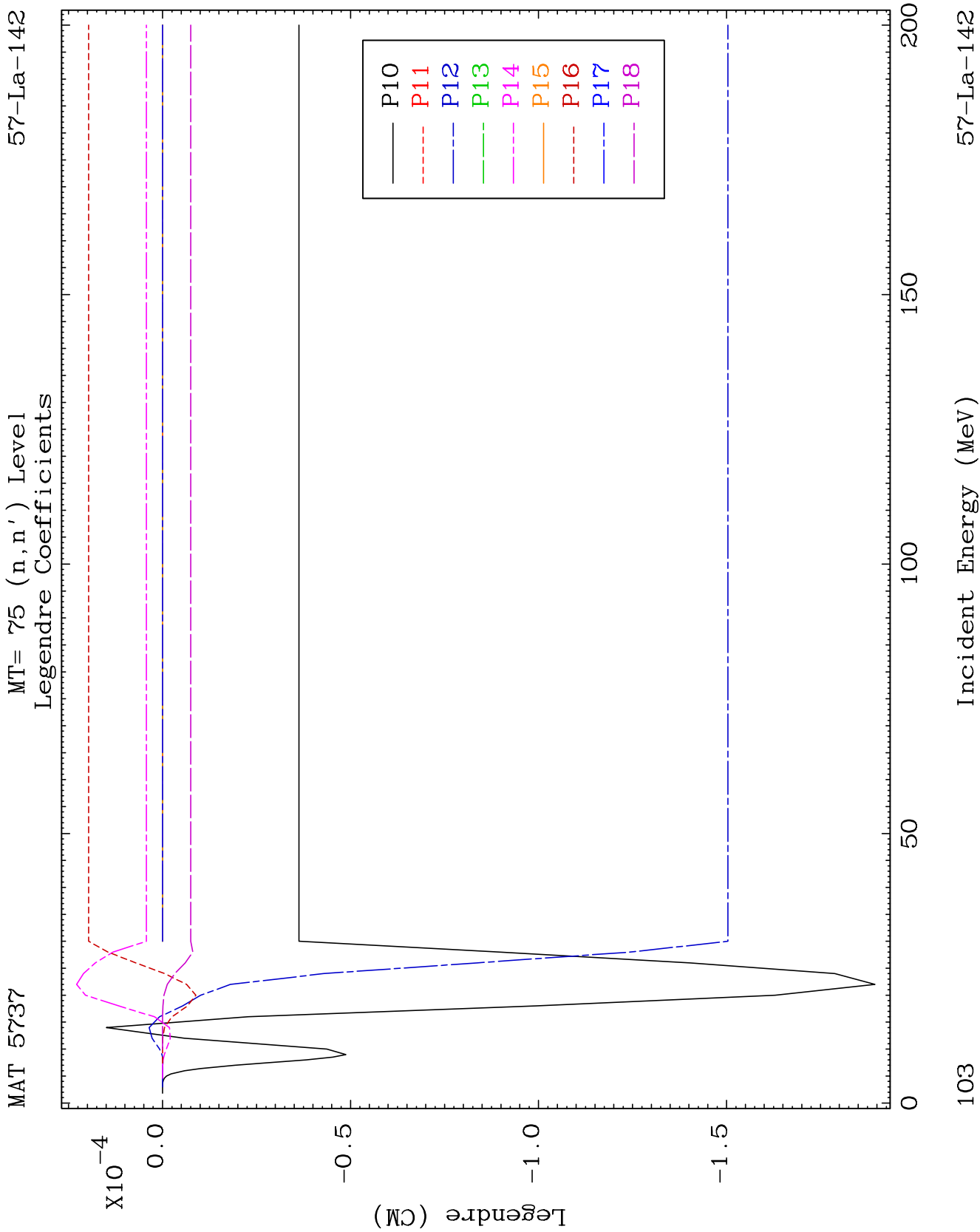


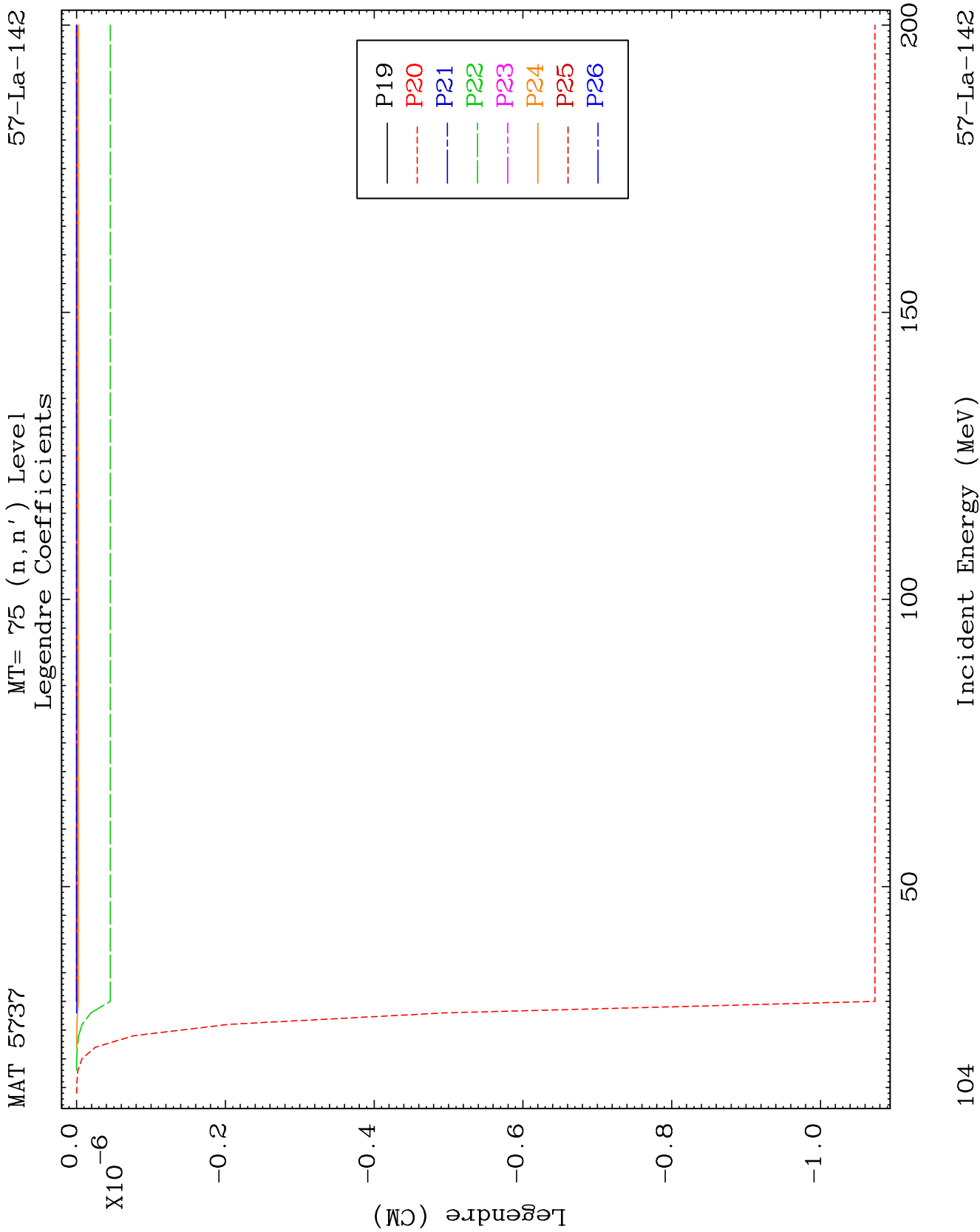
MAT 5737

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

57-La-142



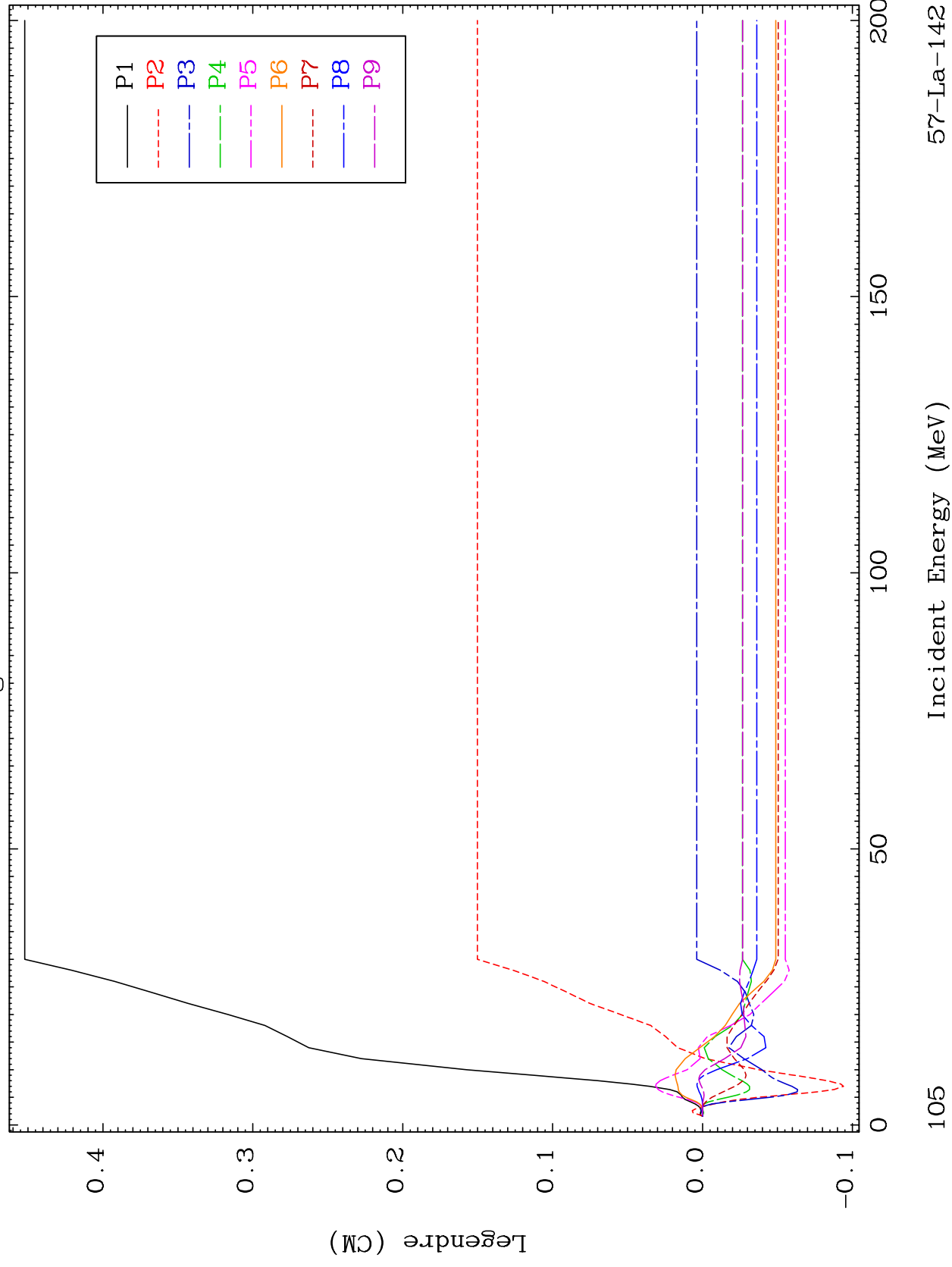




MAT 5737

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

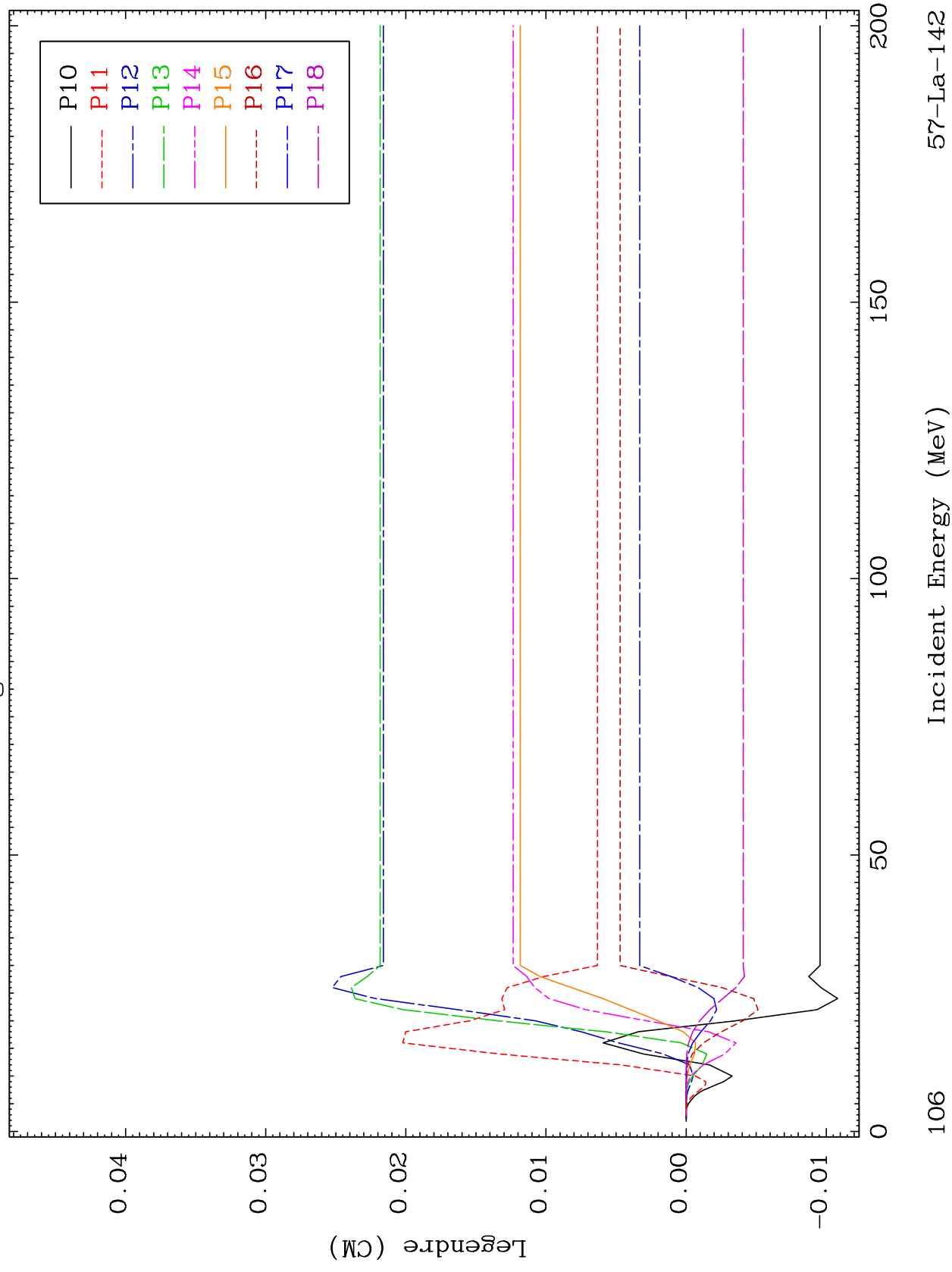
57-La-142

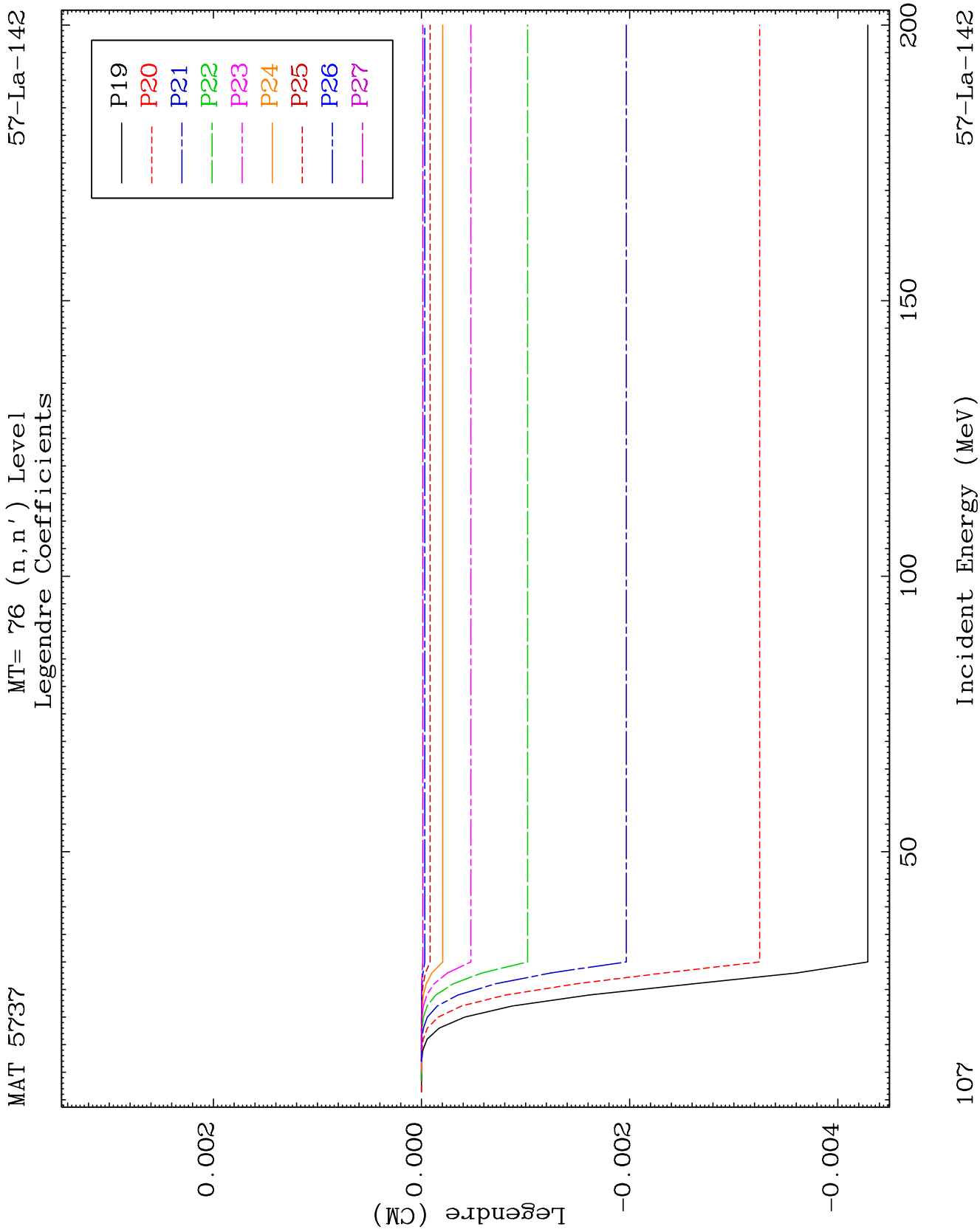


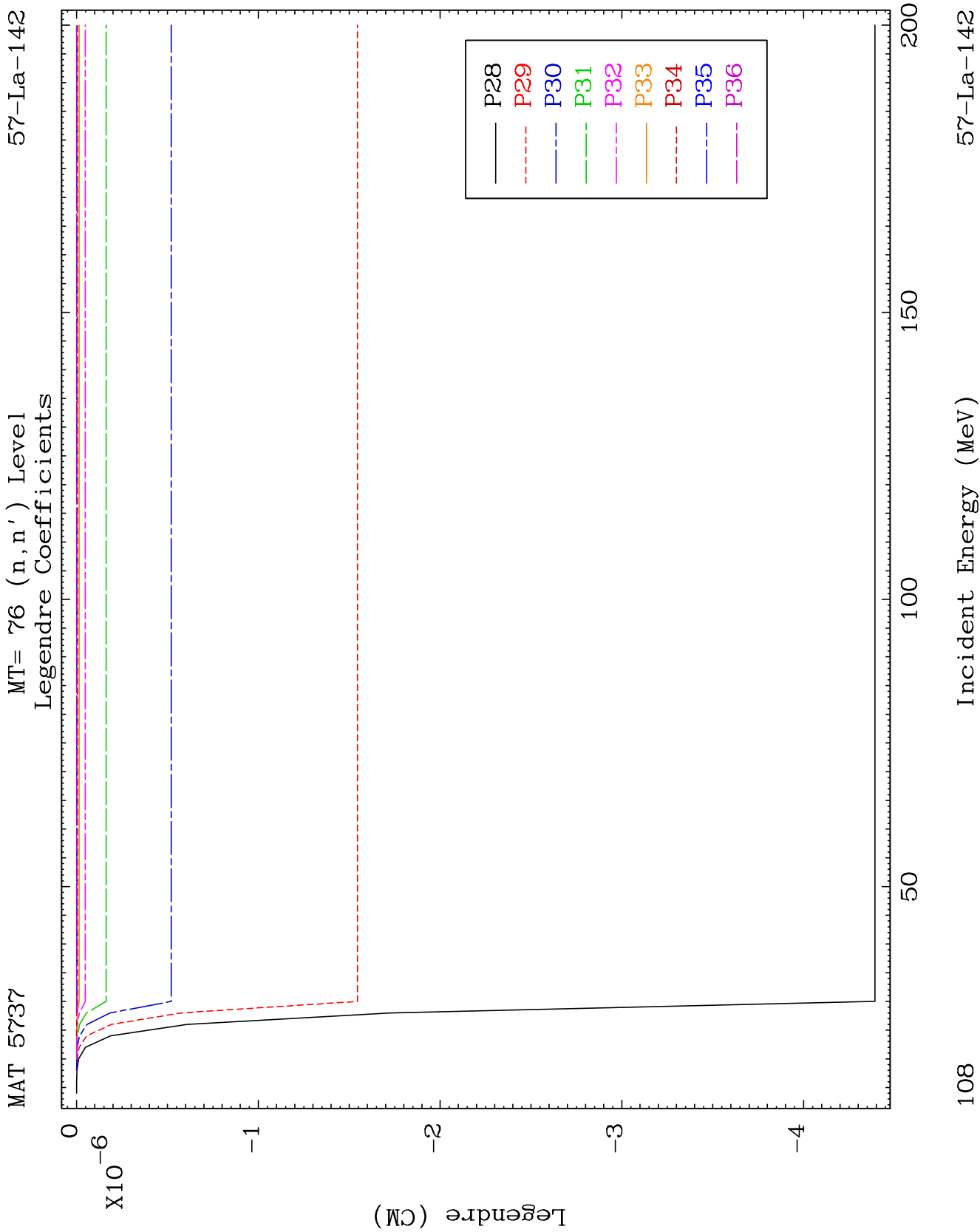
MAT 5737

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

57-La-142



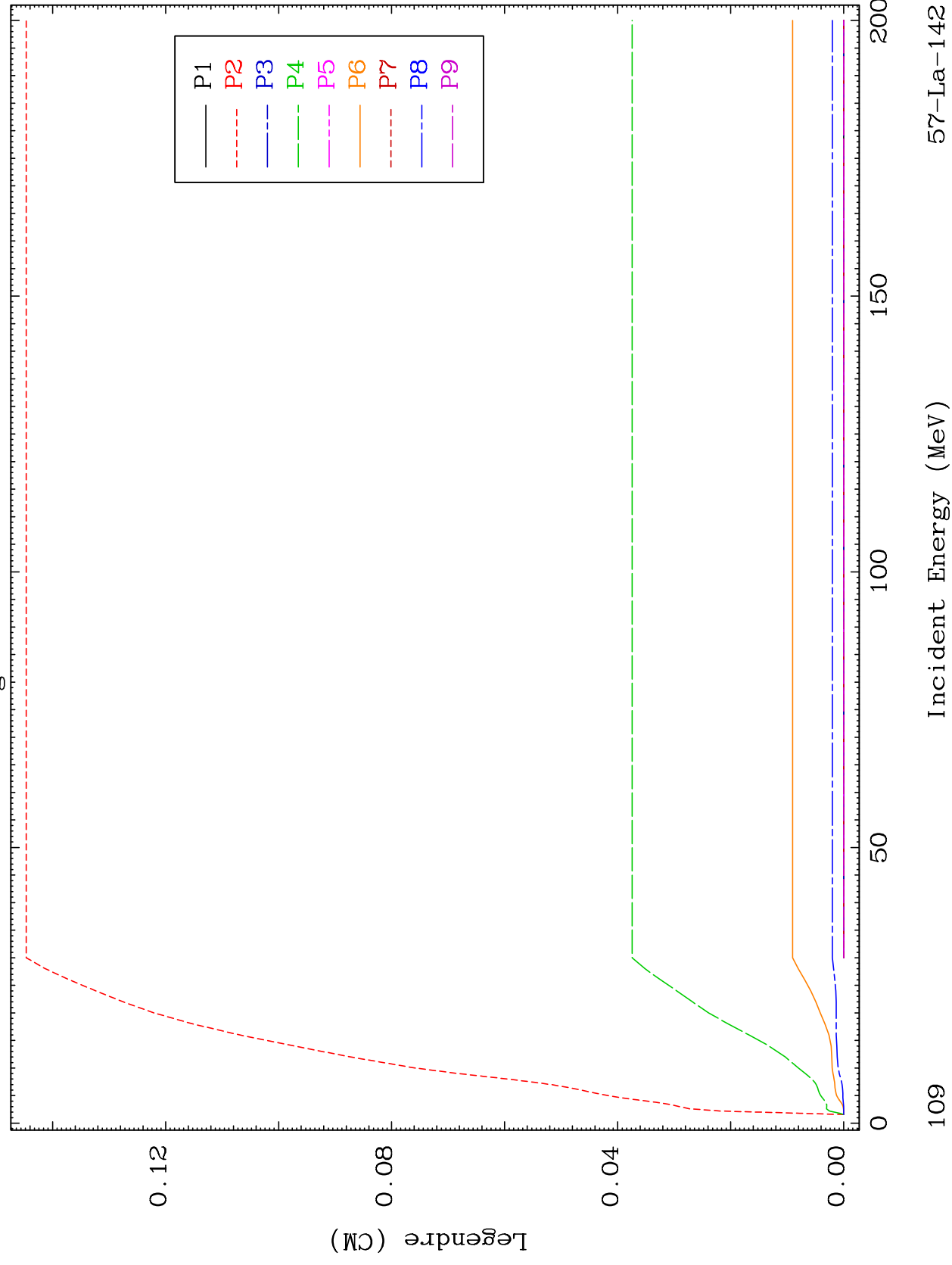


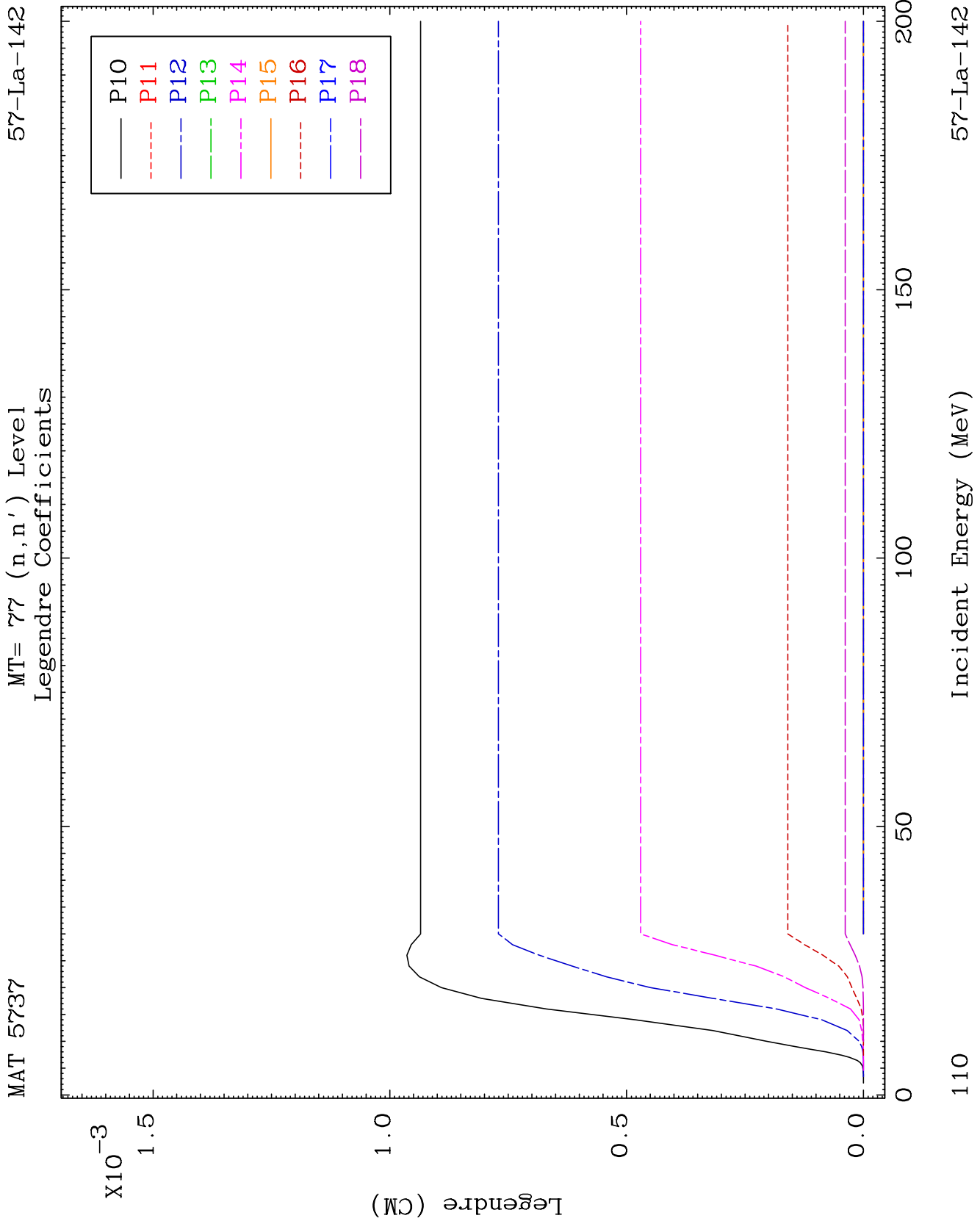


MAT 5737

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

57-La-142

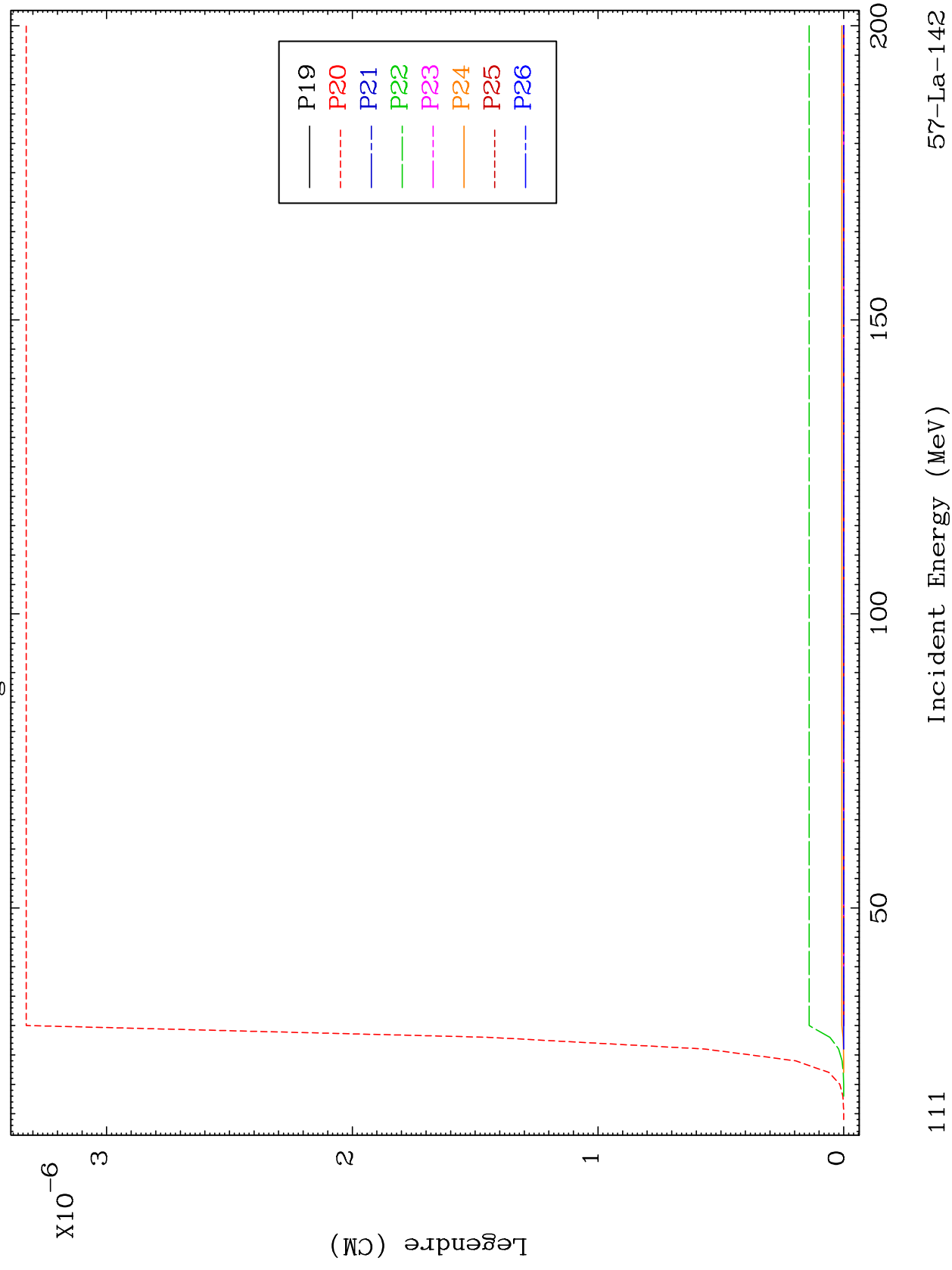




MAT 5737

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

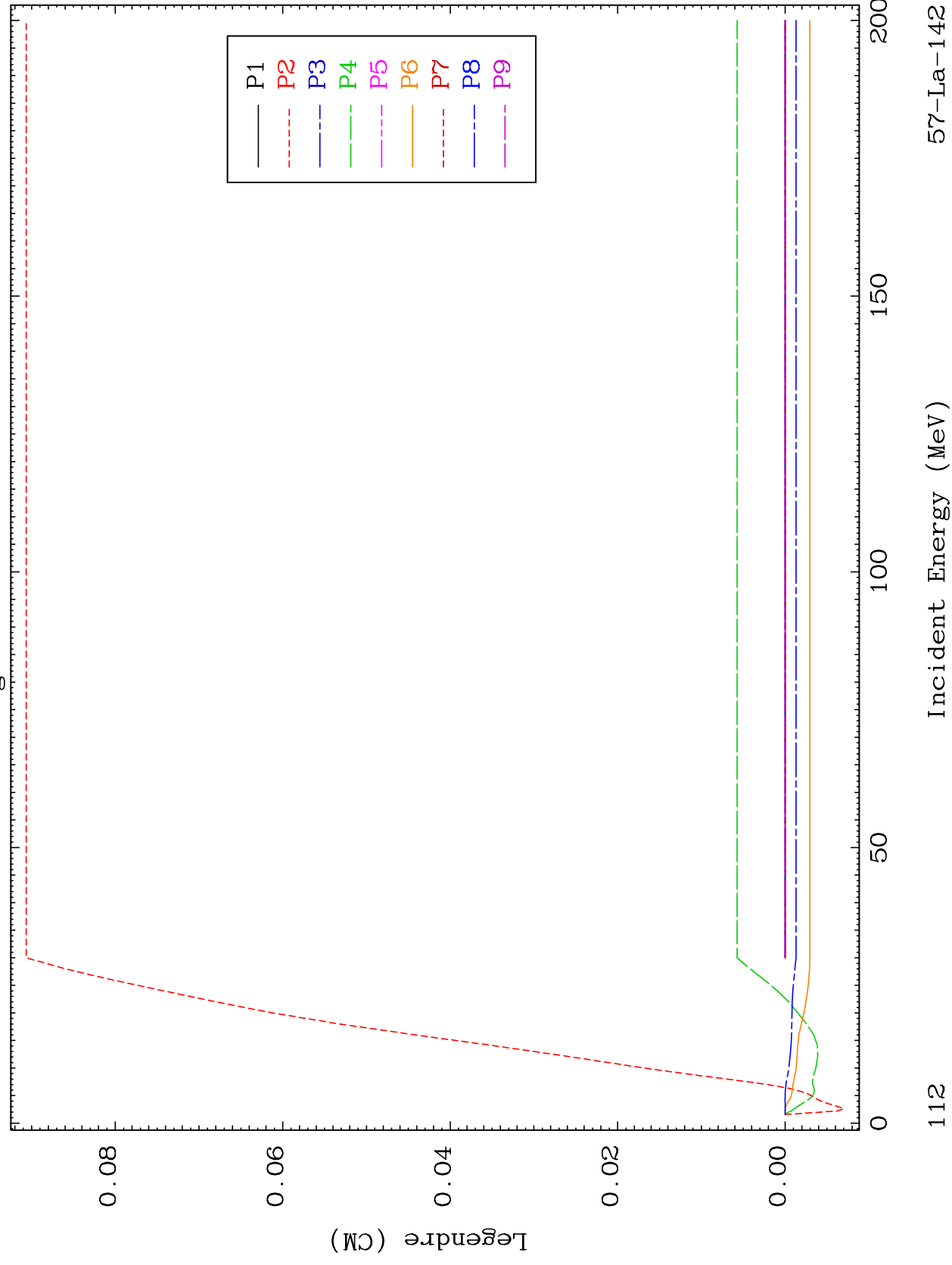
57-La-142

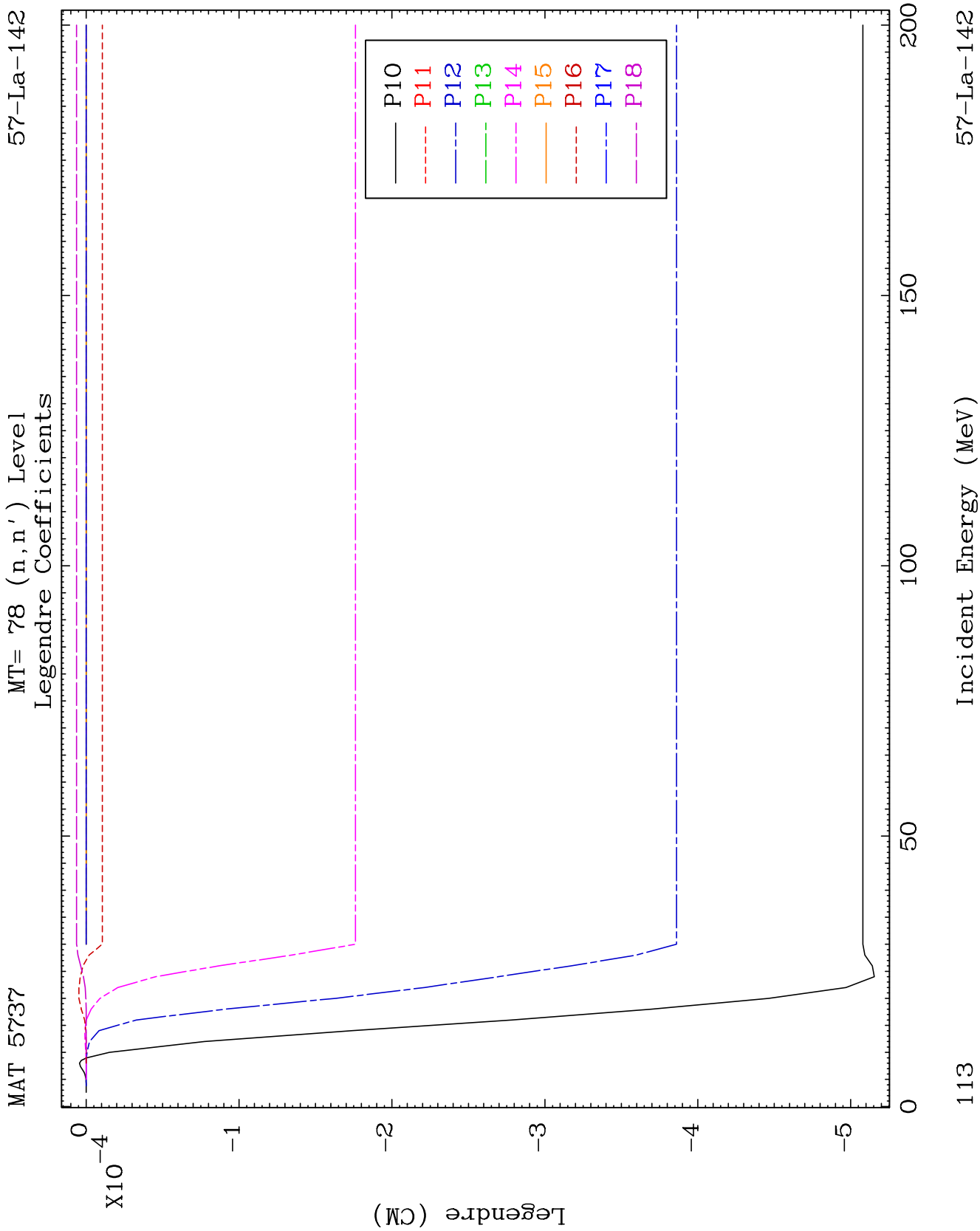


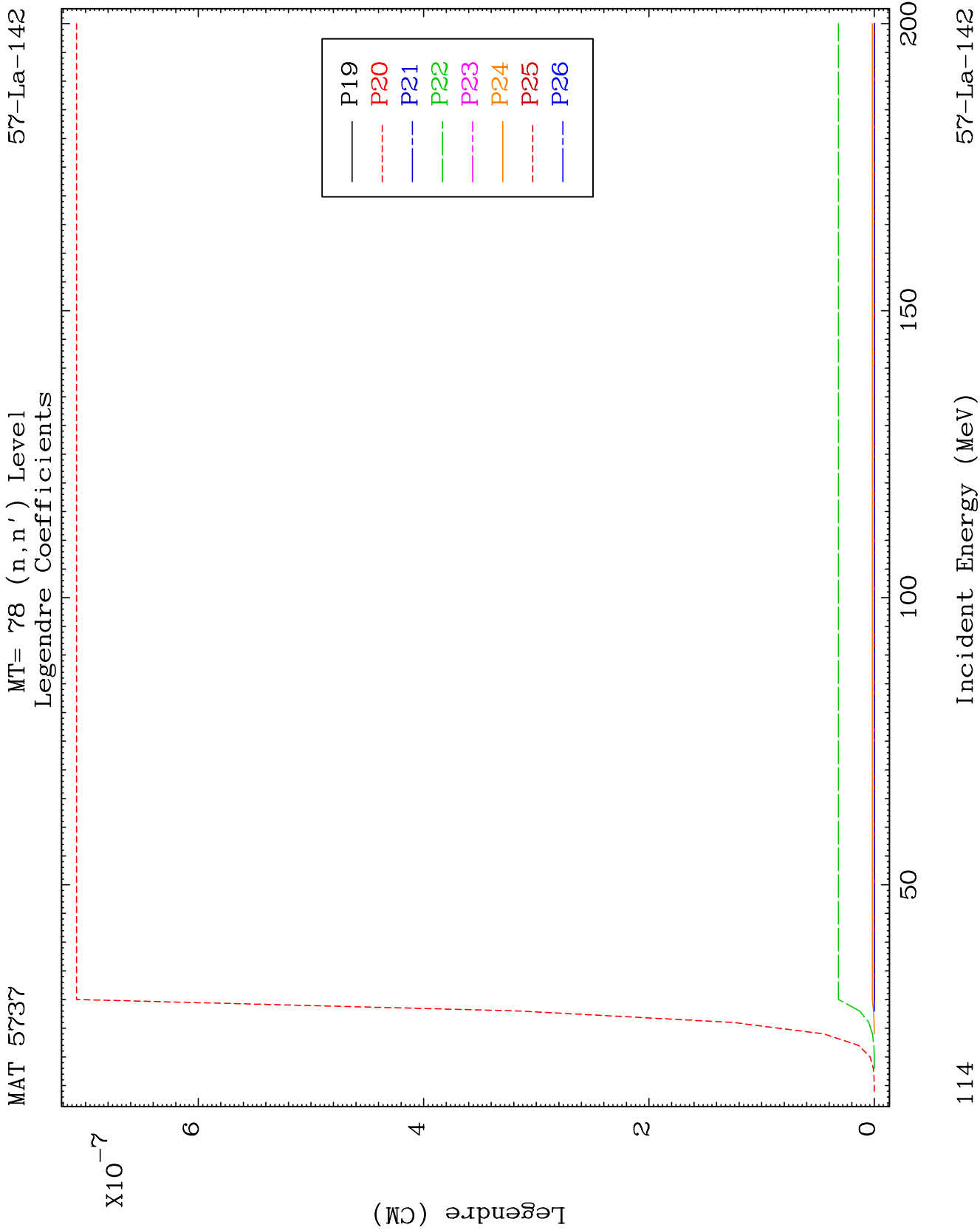
MAT 5737

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

57-La-142



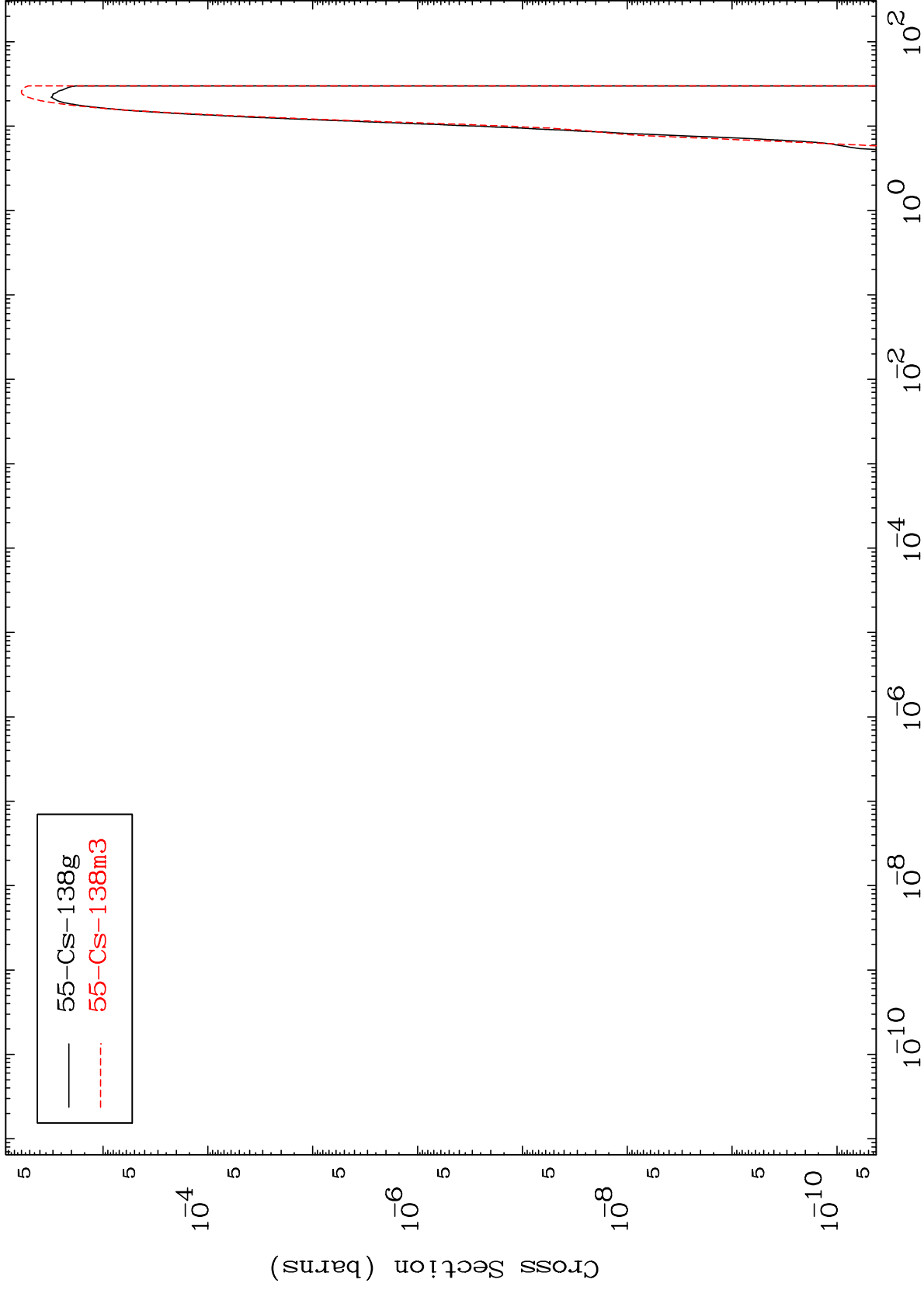




MAT 5737

57-La-142

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



115

57-La-142

Radionuclide Production Cross Section

