

Program EVALPLOT
(Version 2017-1)

by

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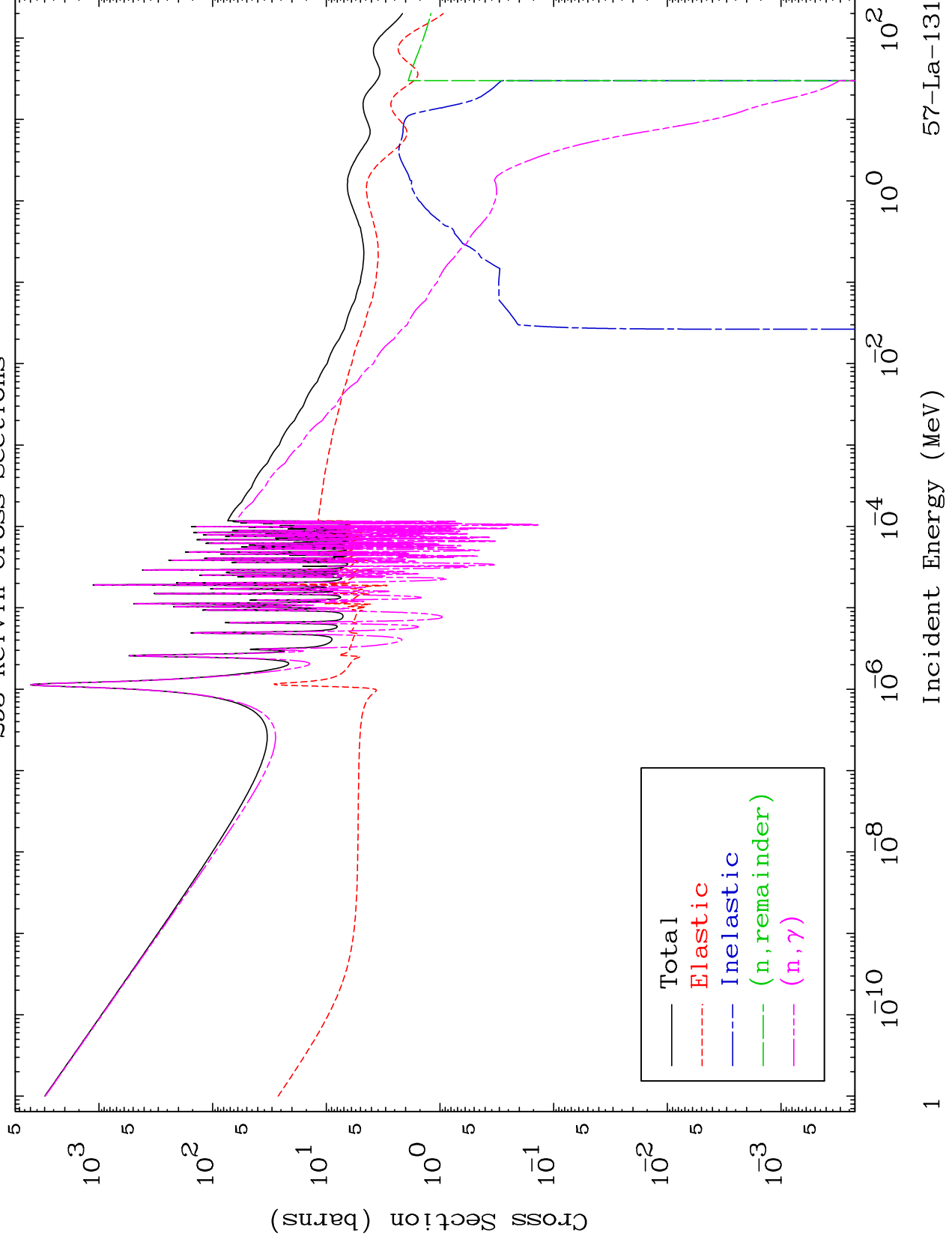
Press Mouse Button to Start

MAT 5704

Major

293 Kelvin Cross Sections

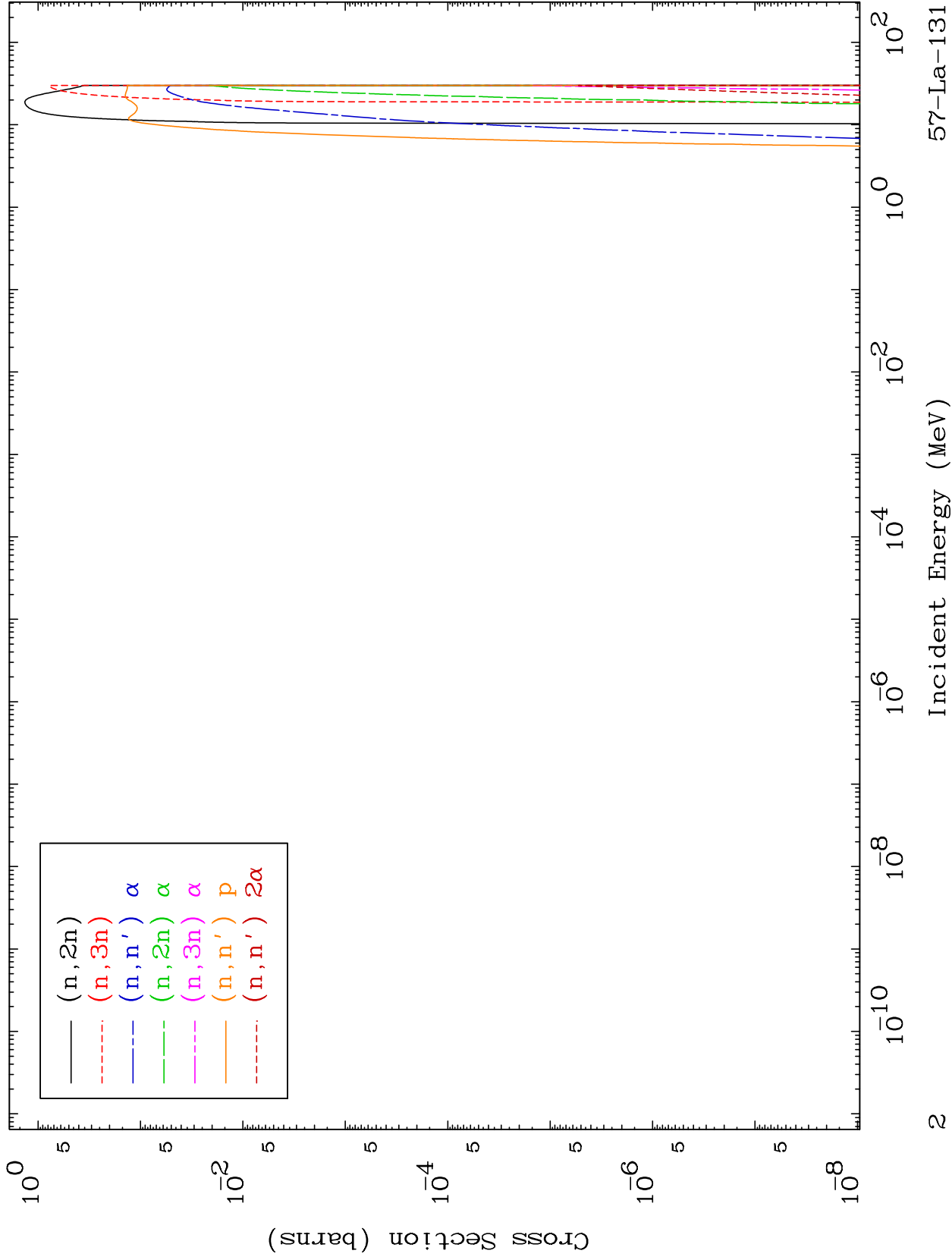
57-La-131

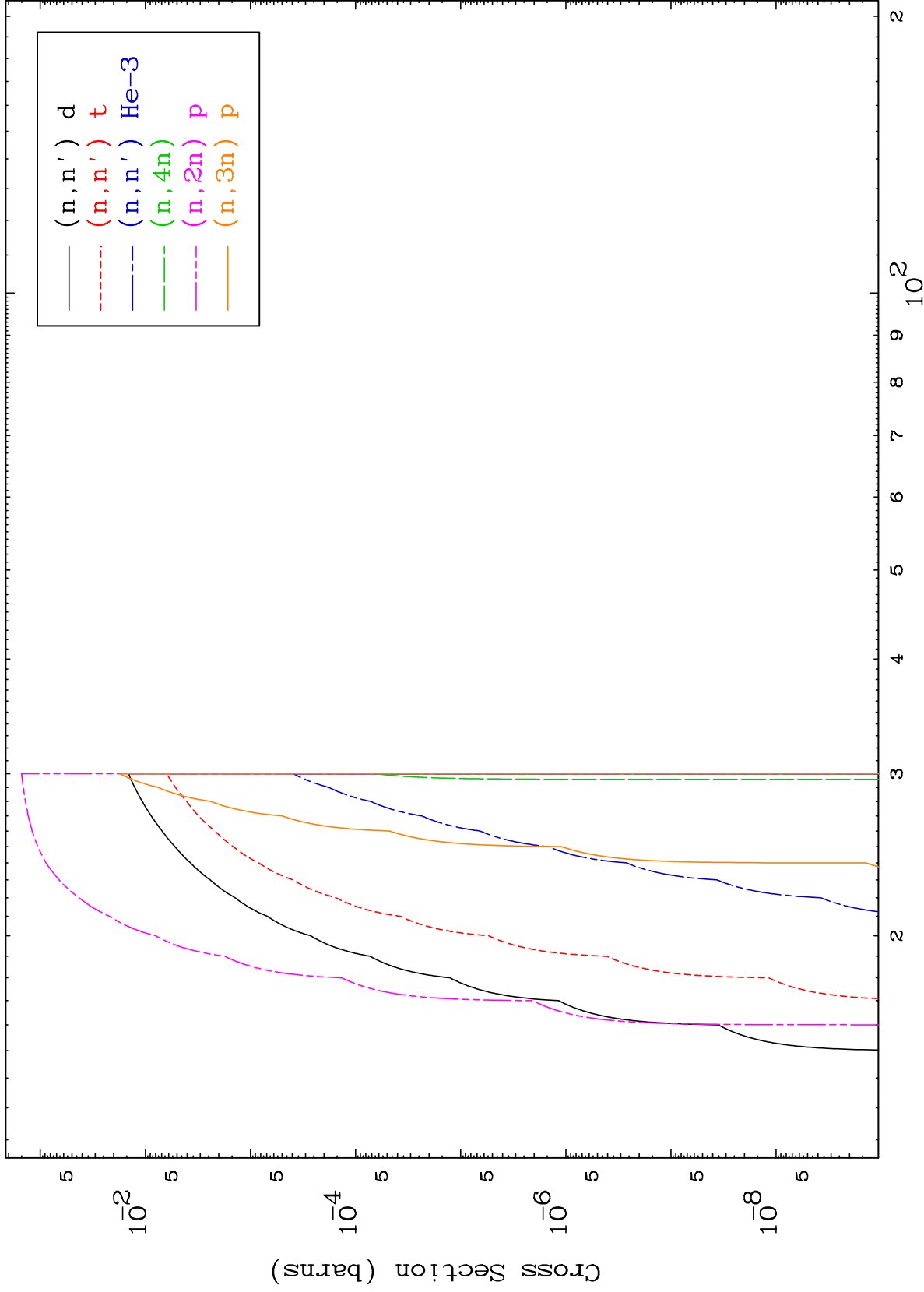


MAT 5704

Neutron Production
293 Kelvin Cross Sections

57-La-131

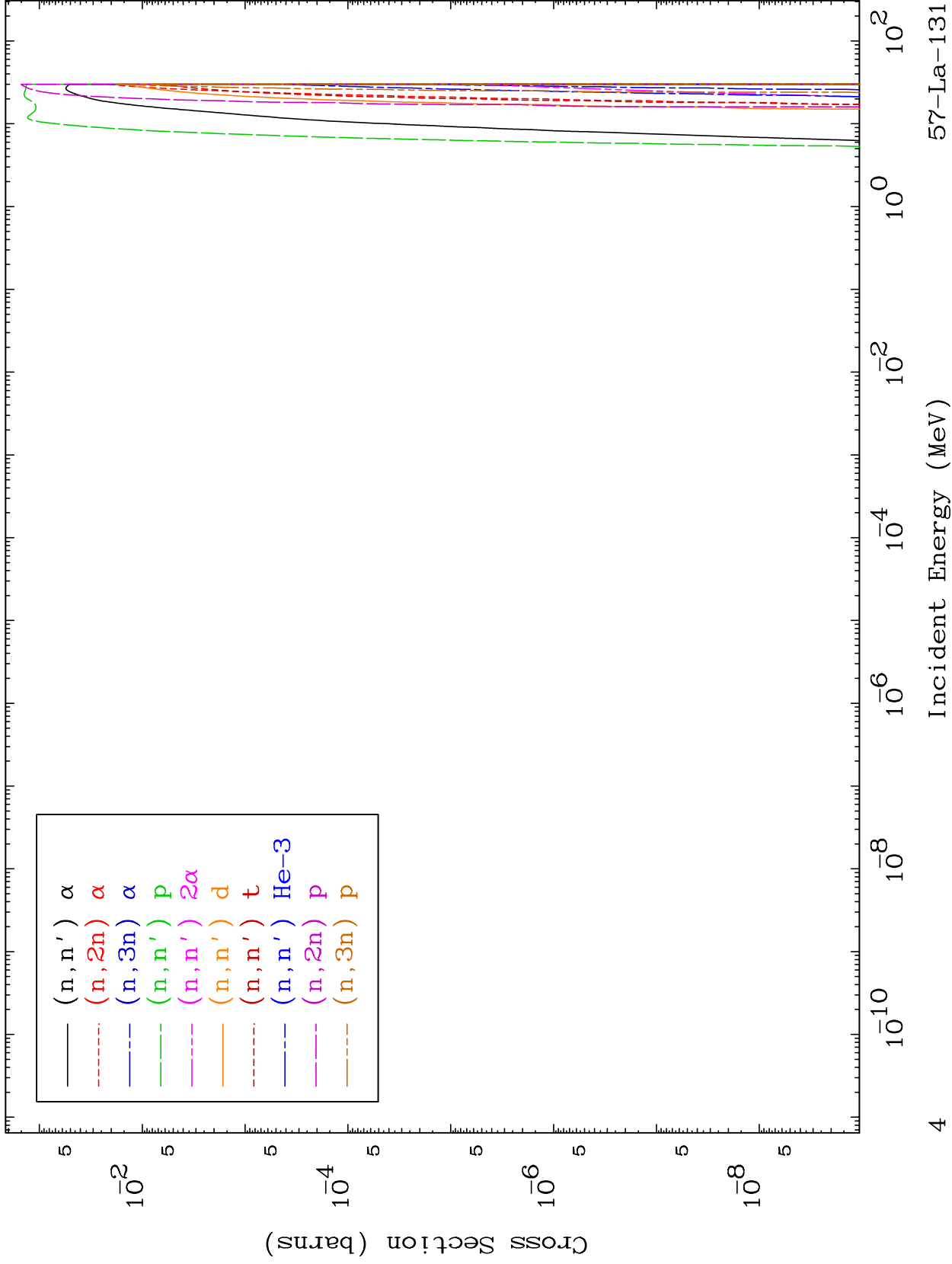




MAT 5704

Charged Particle
293 Kelvin Cross Sections

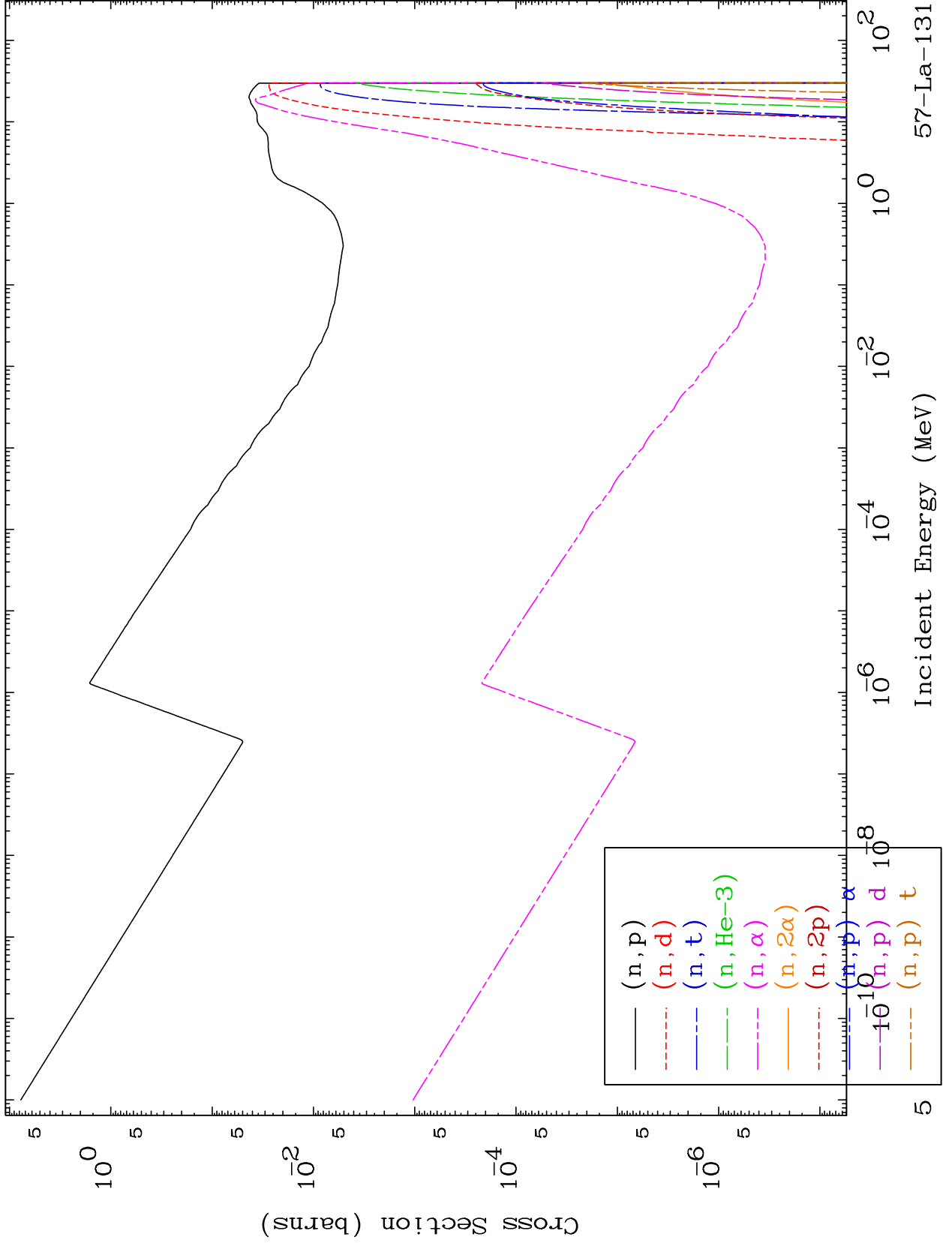
57-La-131



MAT 5704

Charged Particle
293 Kelvin Cross Sections

57-La-131

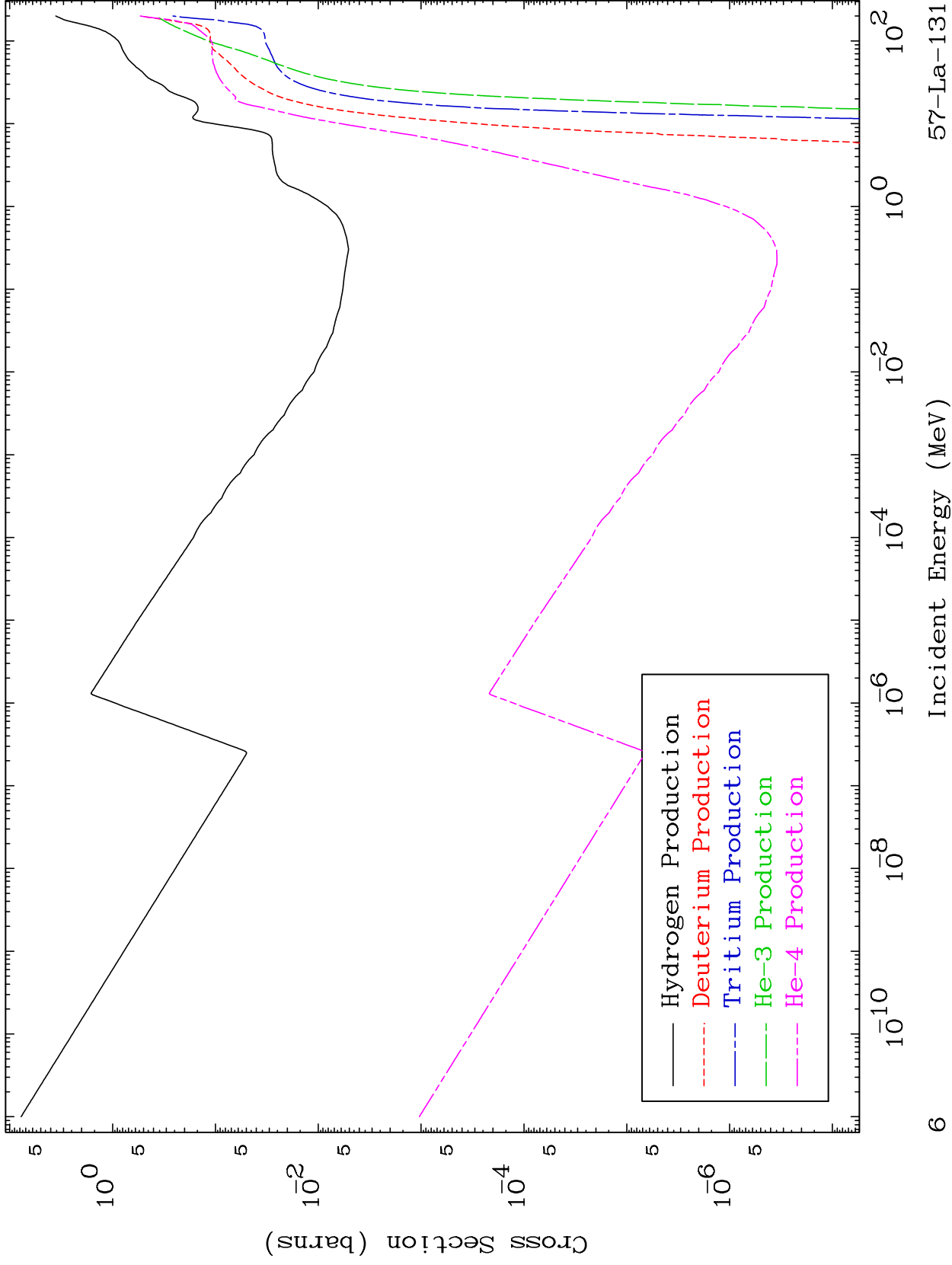


57-La-131

MAT 5704

Particle Production
293 Kelvin Cross Sections

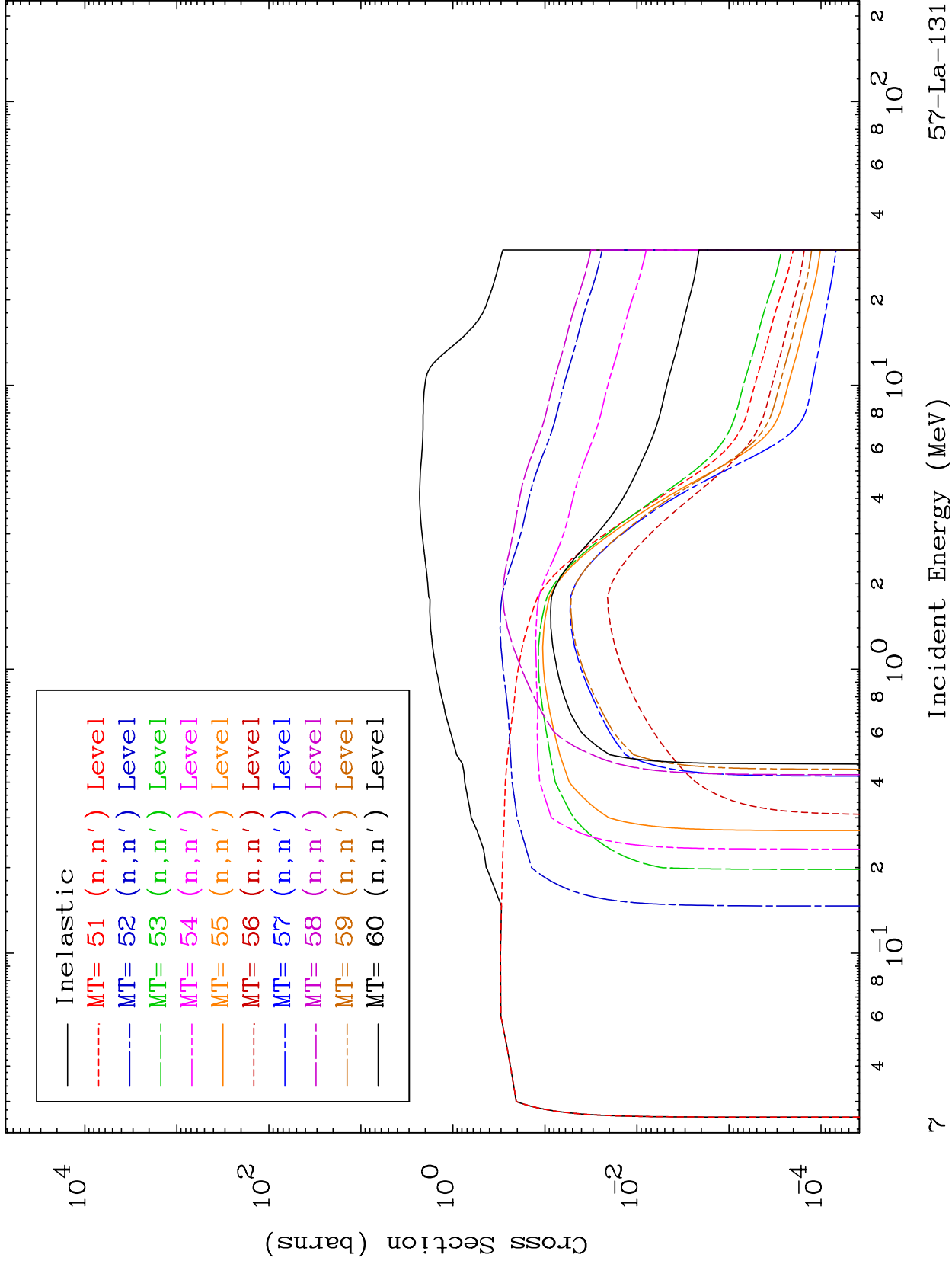
57-La-131



MAT 5704

(n,n') Level
293 Kelvin Cross Sections

57-La-131

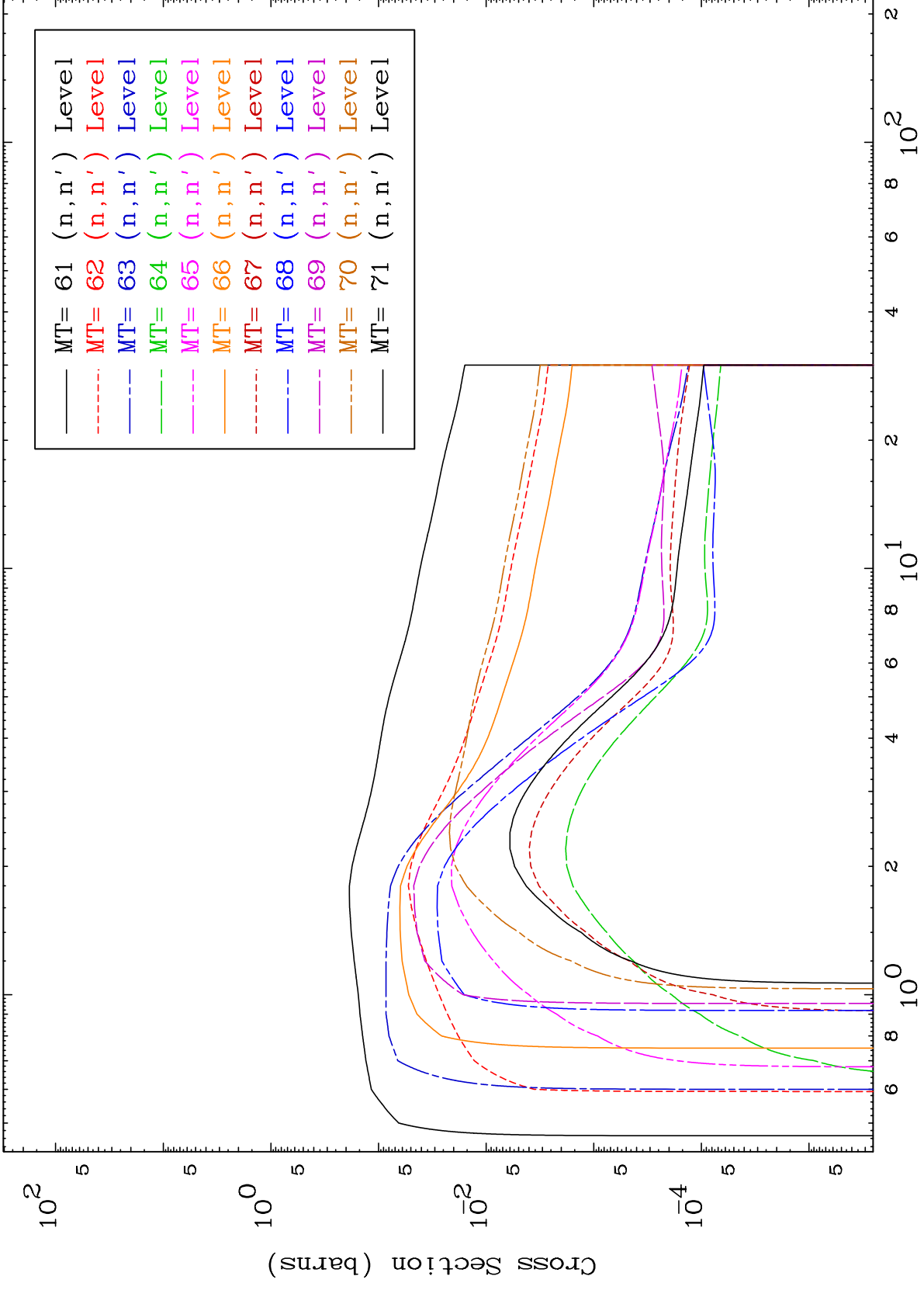


MAT 5704

(n,n') Level

293 Kelvin Cross Sections

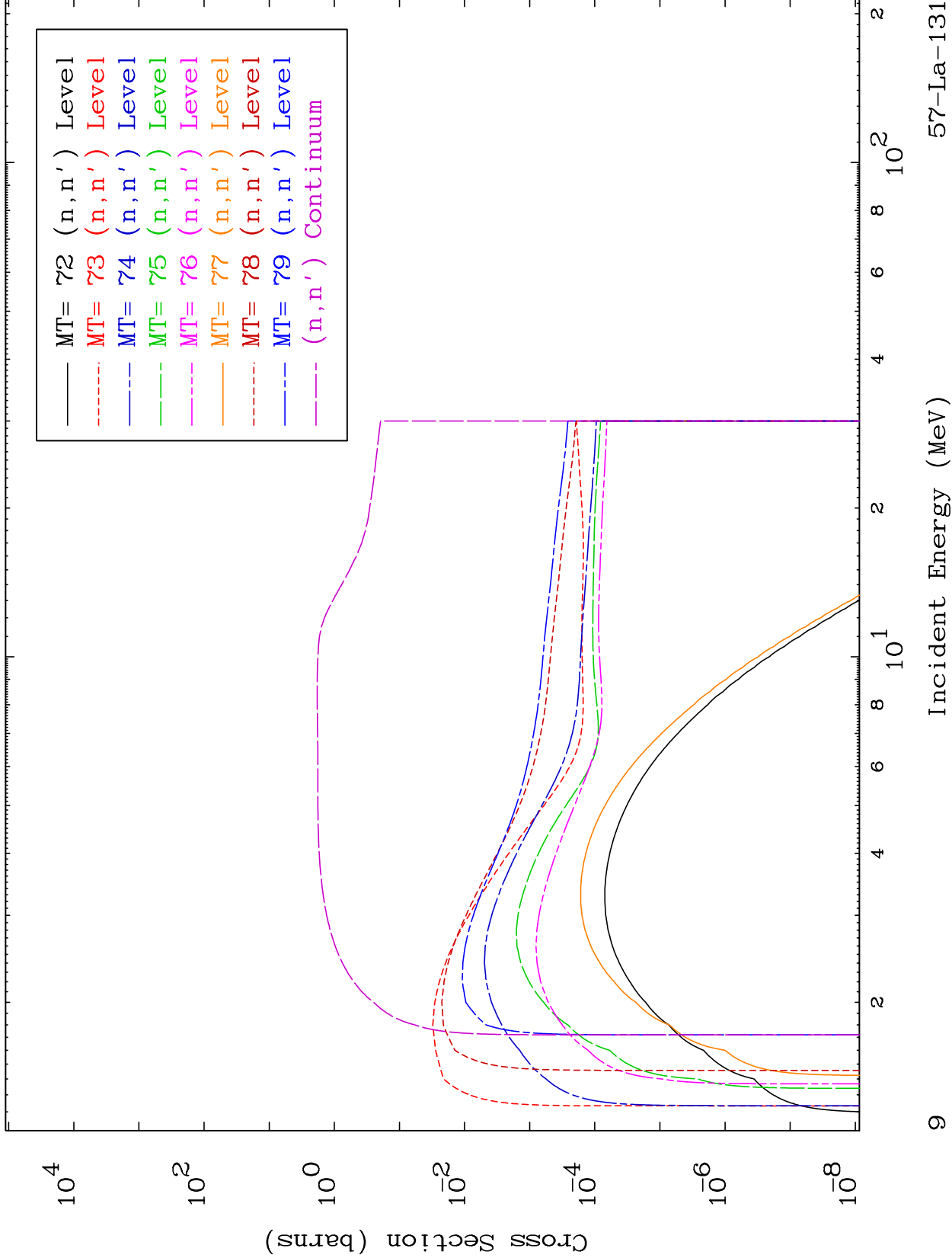
57-La-131



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Incident Energy (MeV)

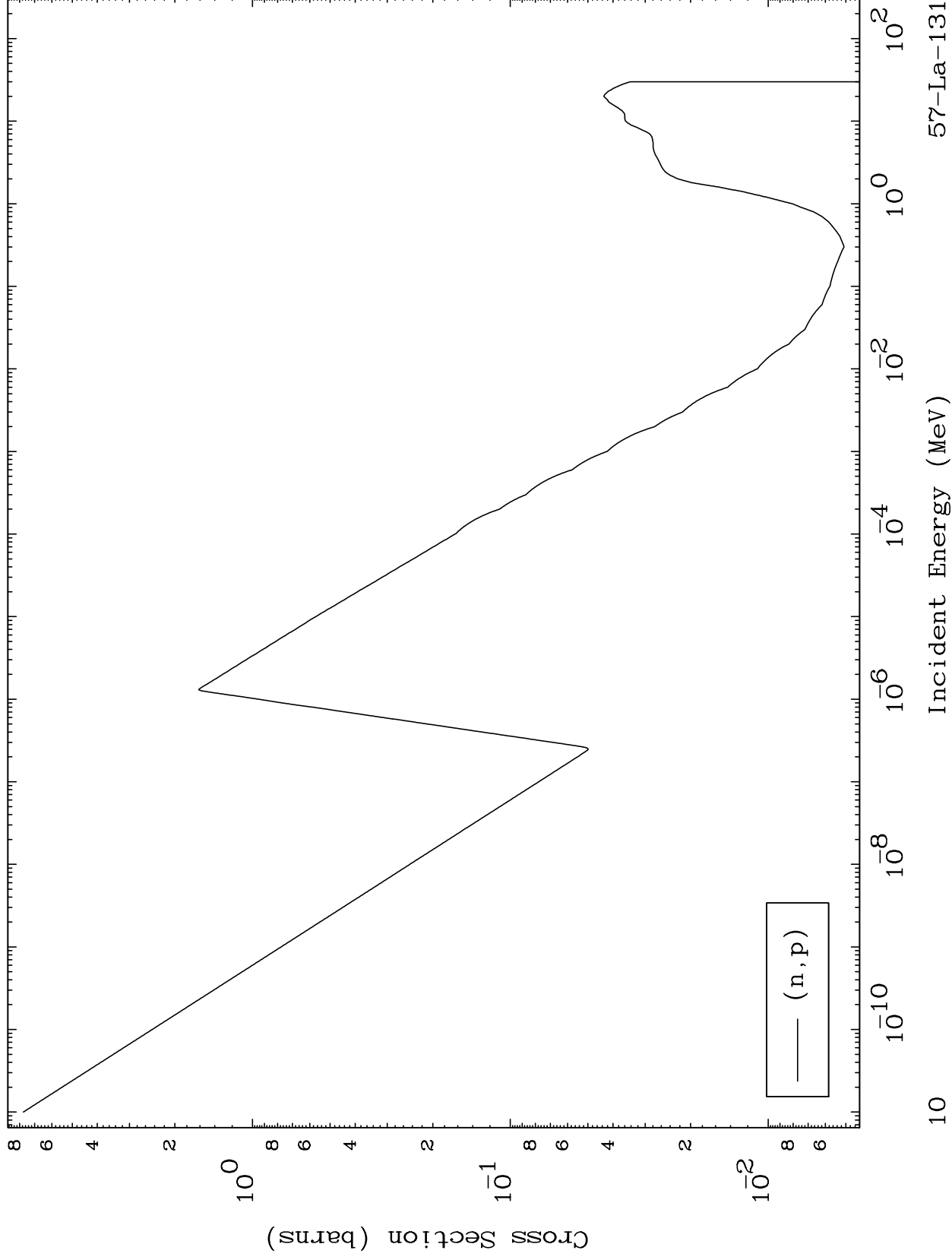
57-La-131



MAT 5704

(n,p) Levels
293 Kelvin Cross Sections

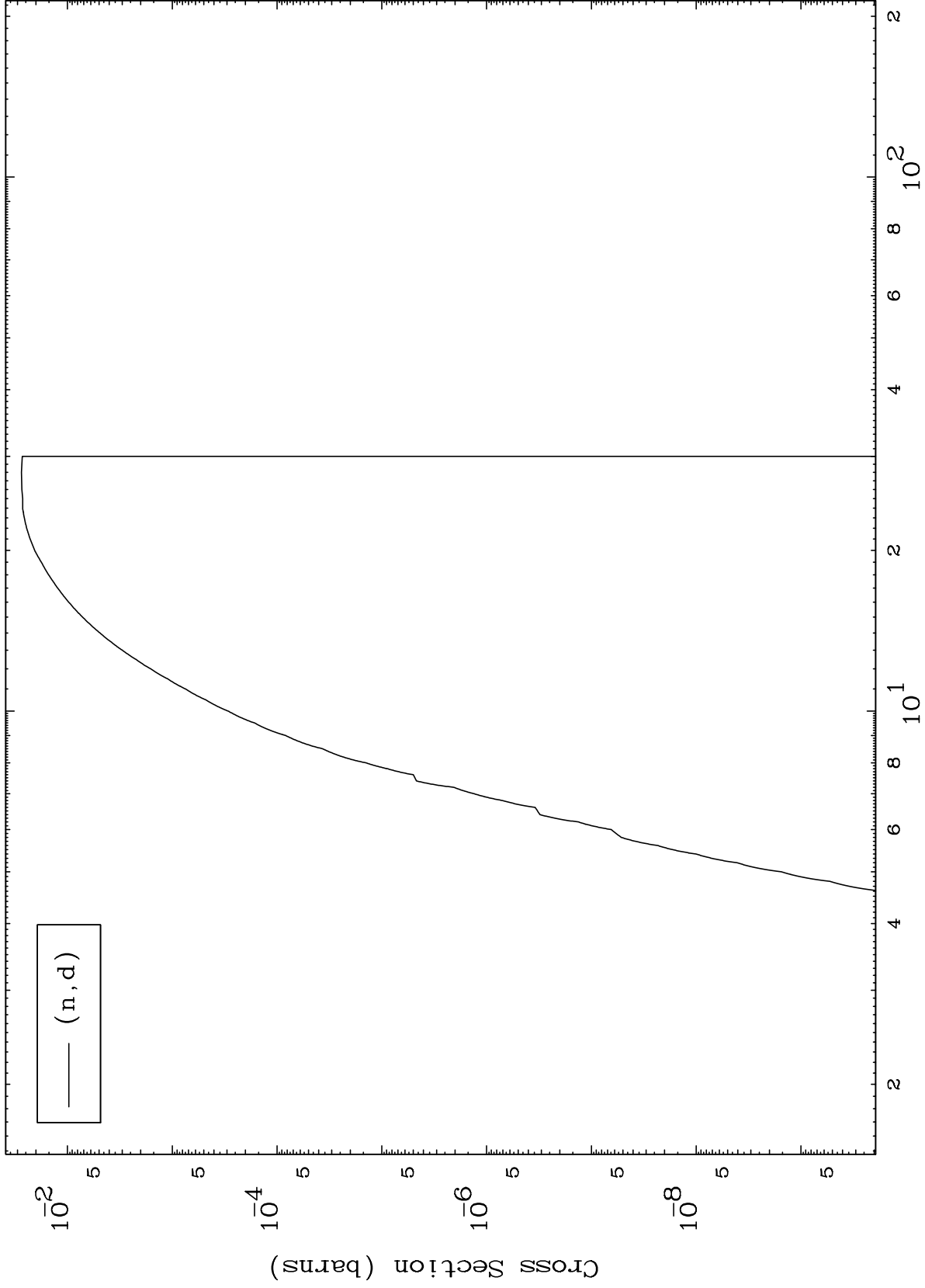
57-La-131



MAT 5704

(n,d) Levels
293 Kelvin Cross Sections

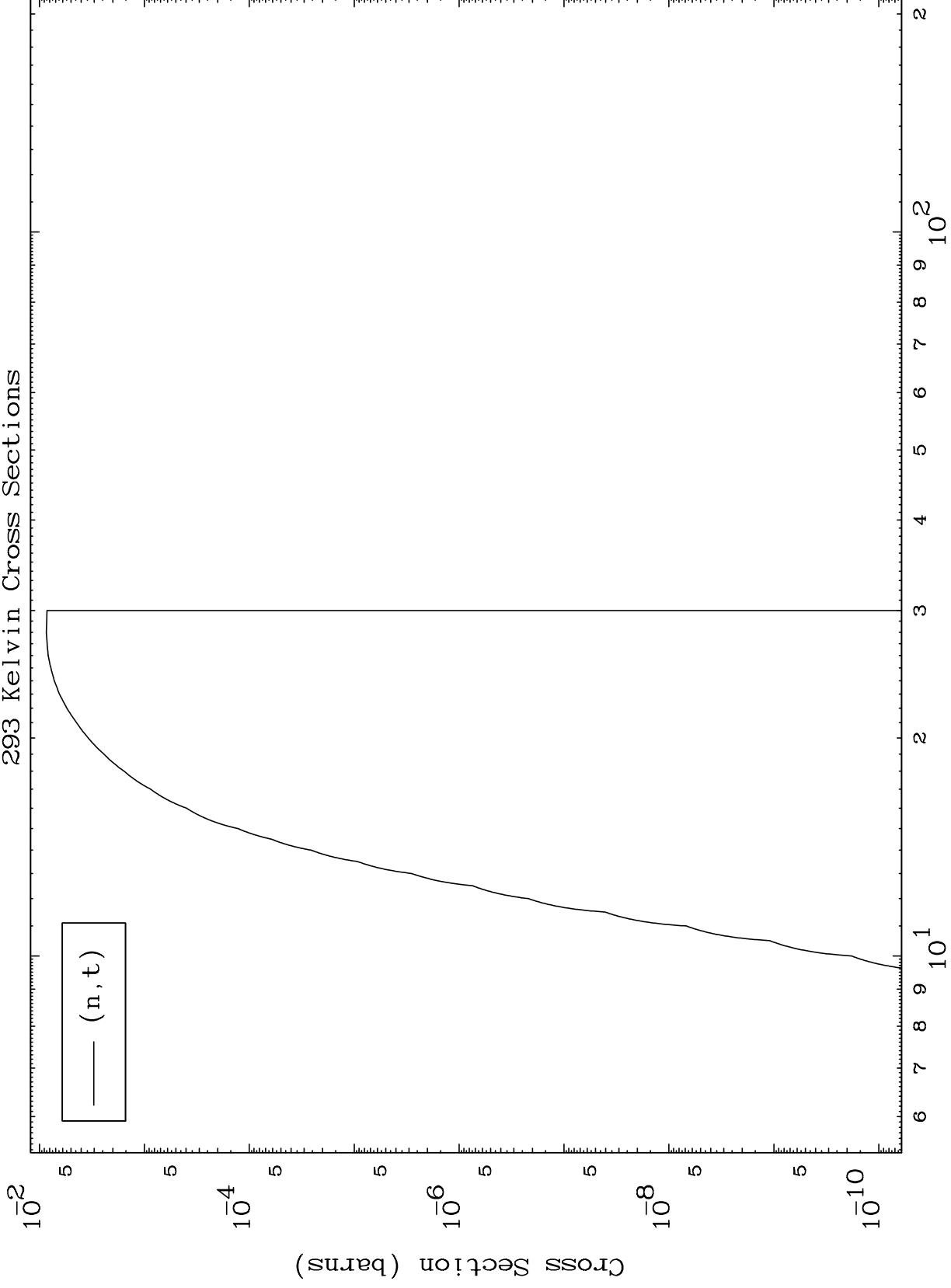
57-La-131



MAT 5704

(n,t) Levels
293 Kelvin Cross Sections

57-La-131



12

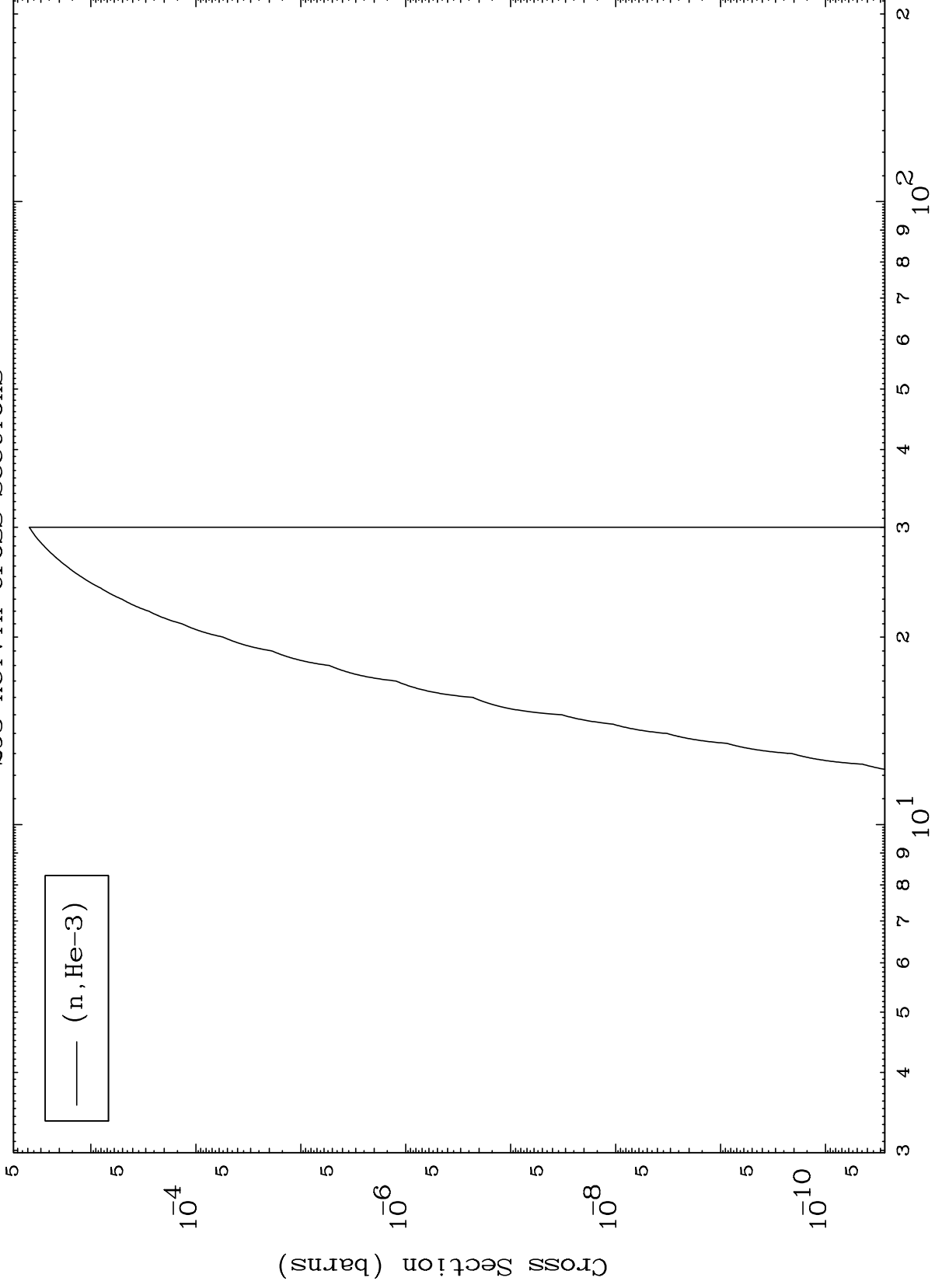
Incident Energy (MeV)

57-La-131

MAT 5704

(n,He3) Levels
293 Kelvin Cross Sections

57-La-131



13

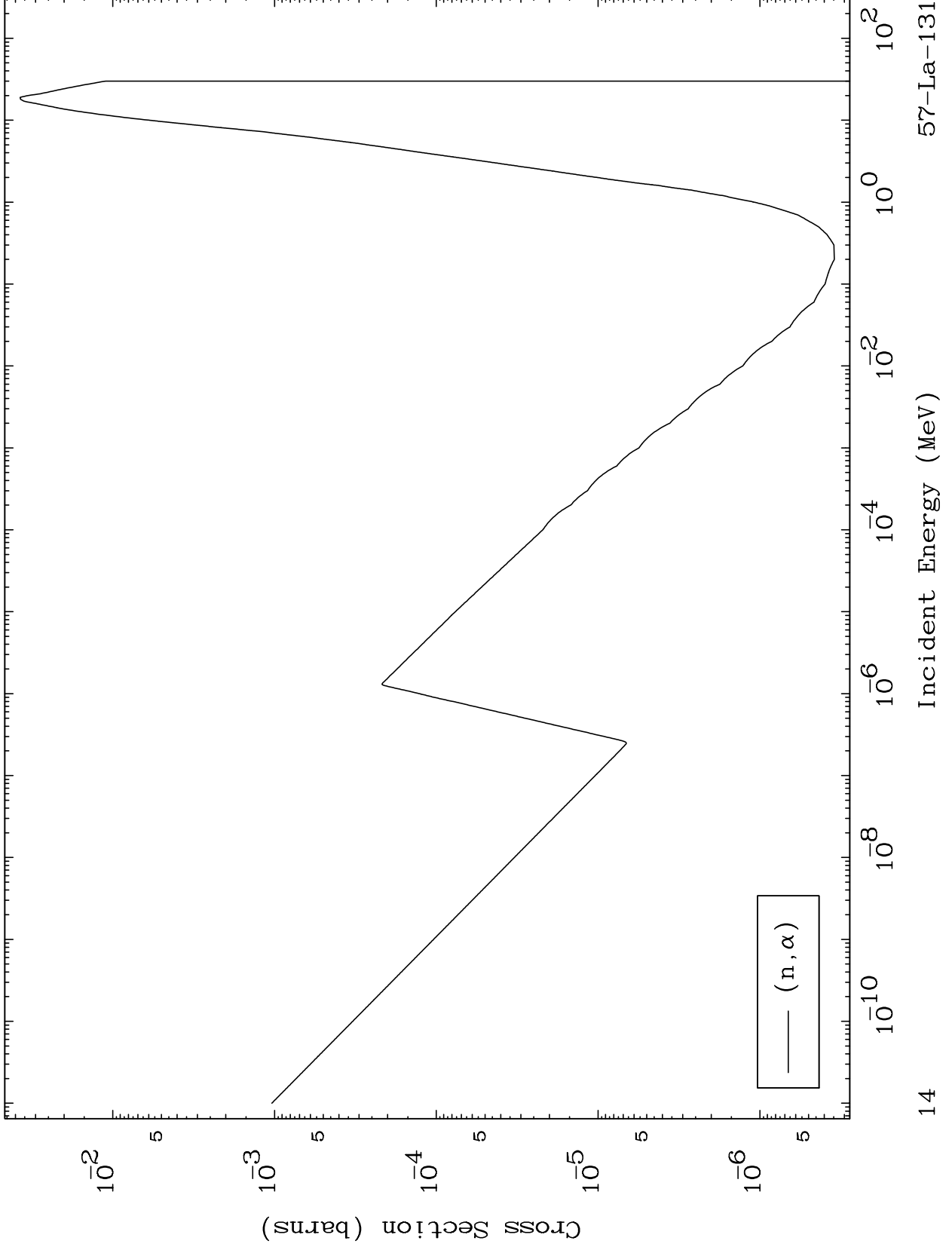
Incident Energy (MeV)

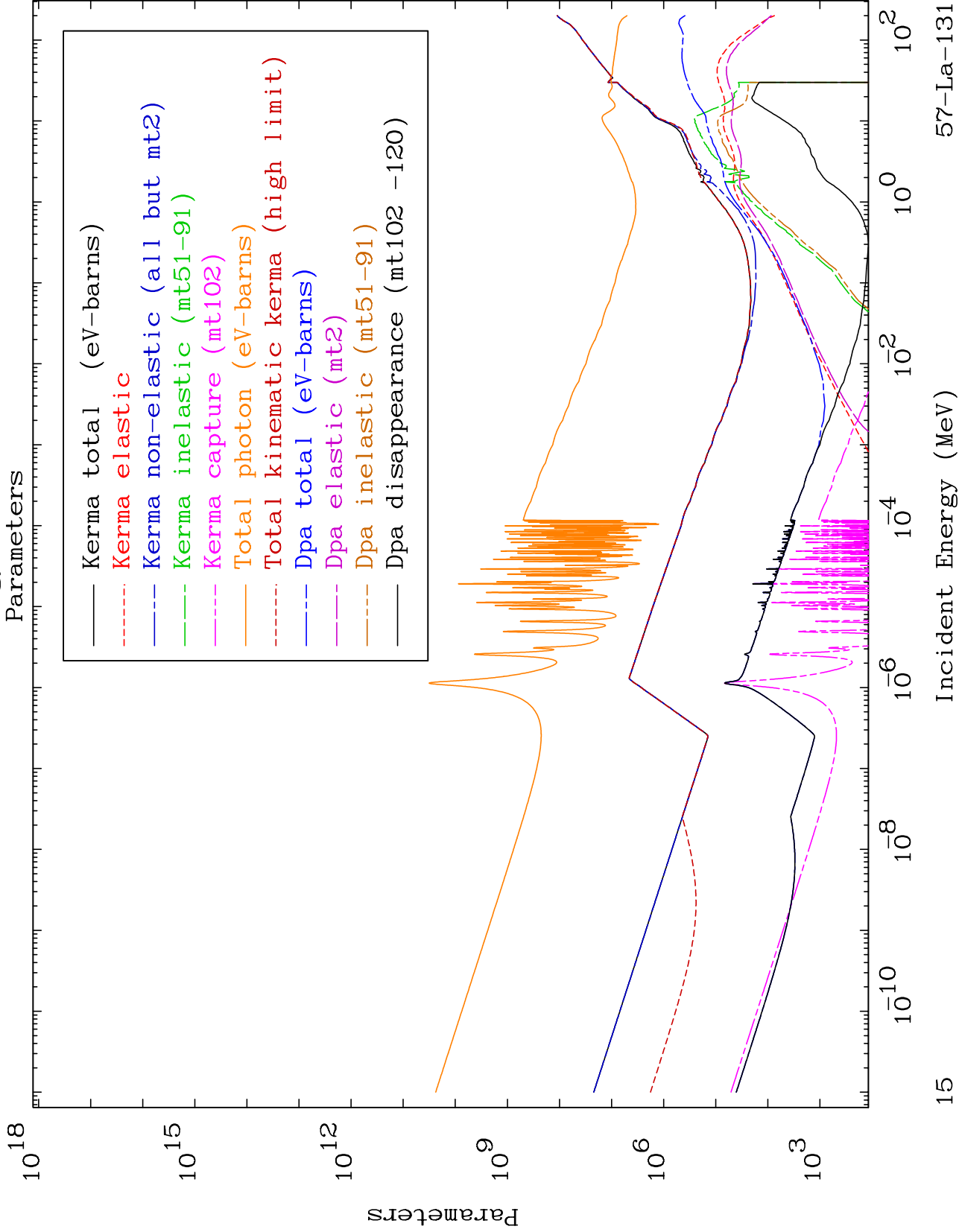
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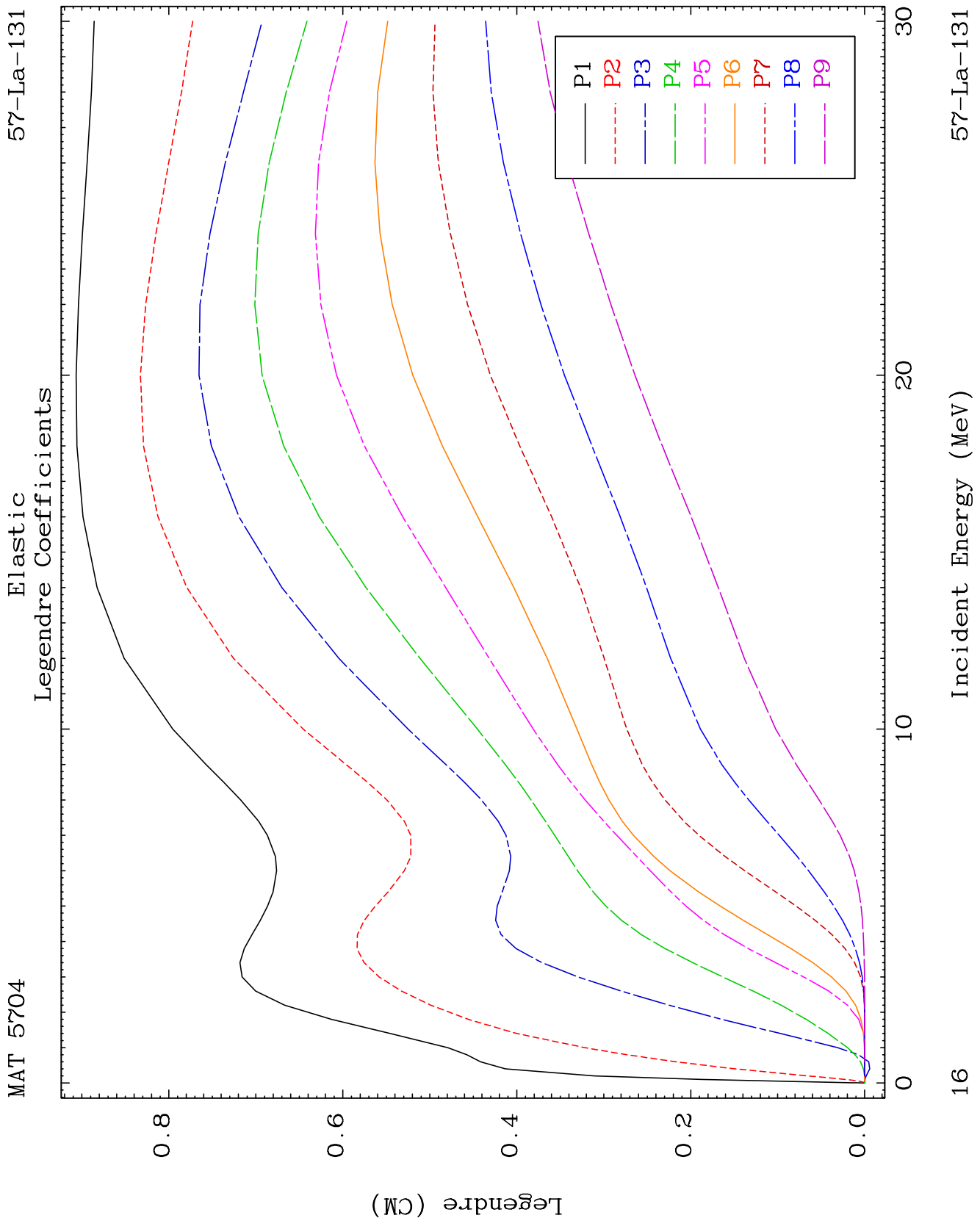
MAT 5704

(n, α) Levels
293 Kelvin Cross Sections

57-La-131



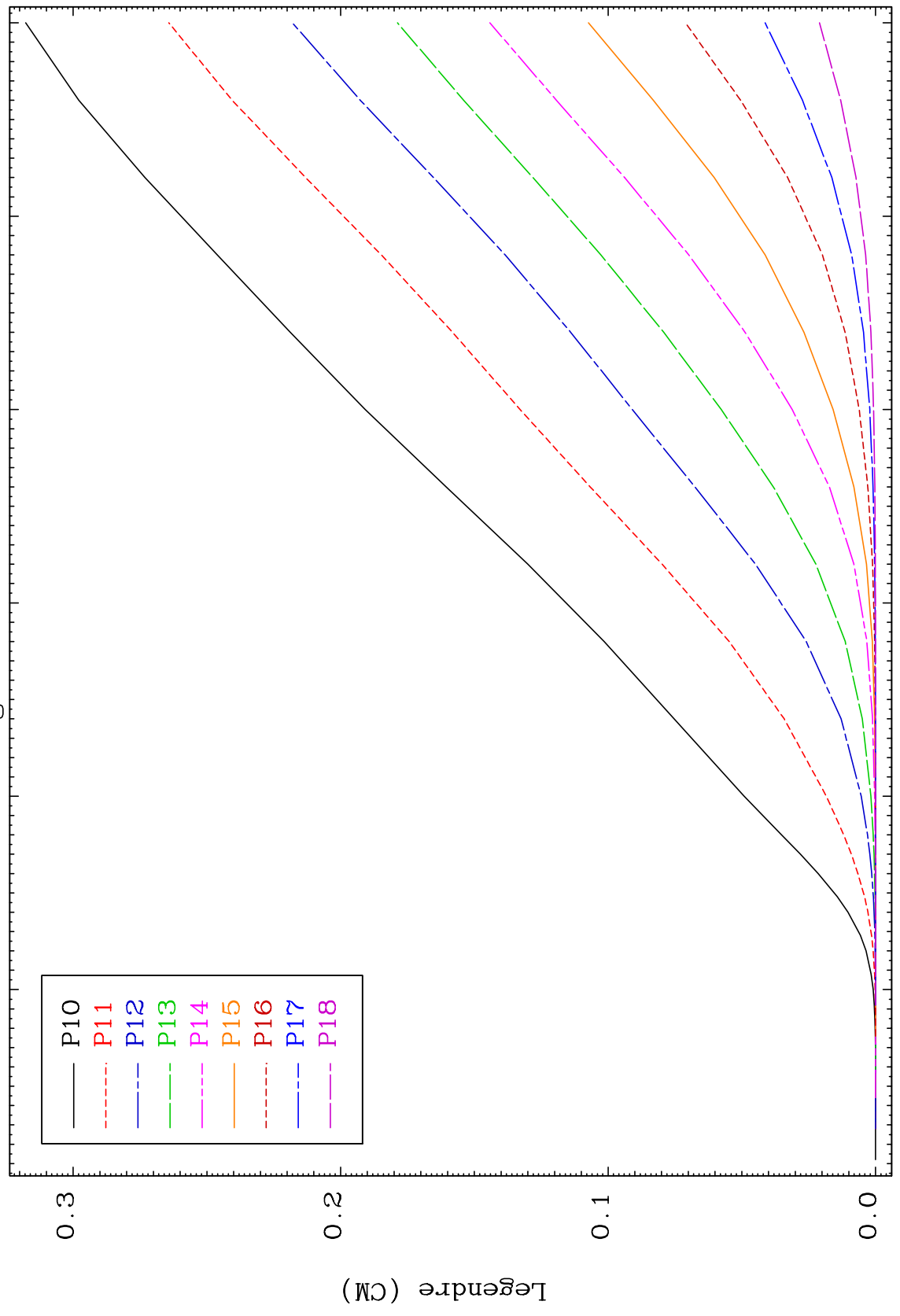




MAT 5704

Elastic Legendre Coefficients

57-La-131



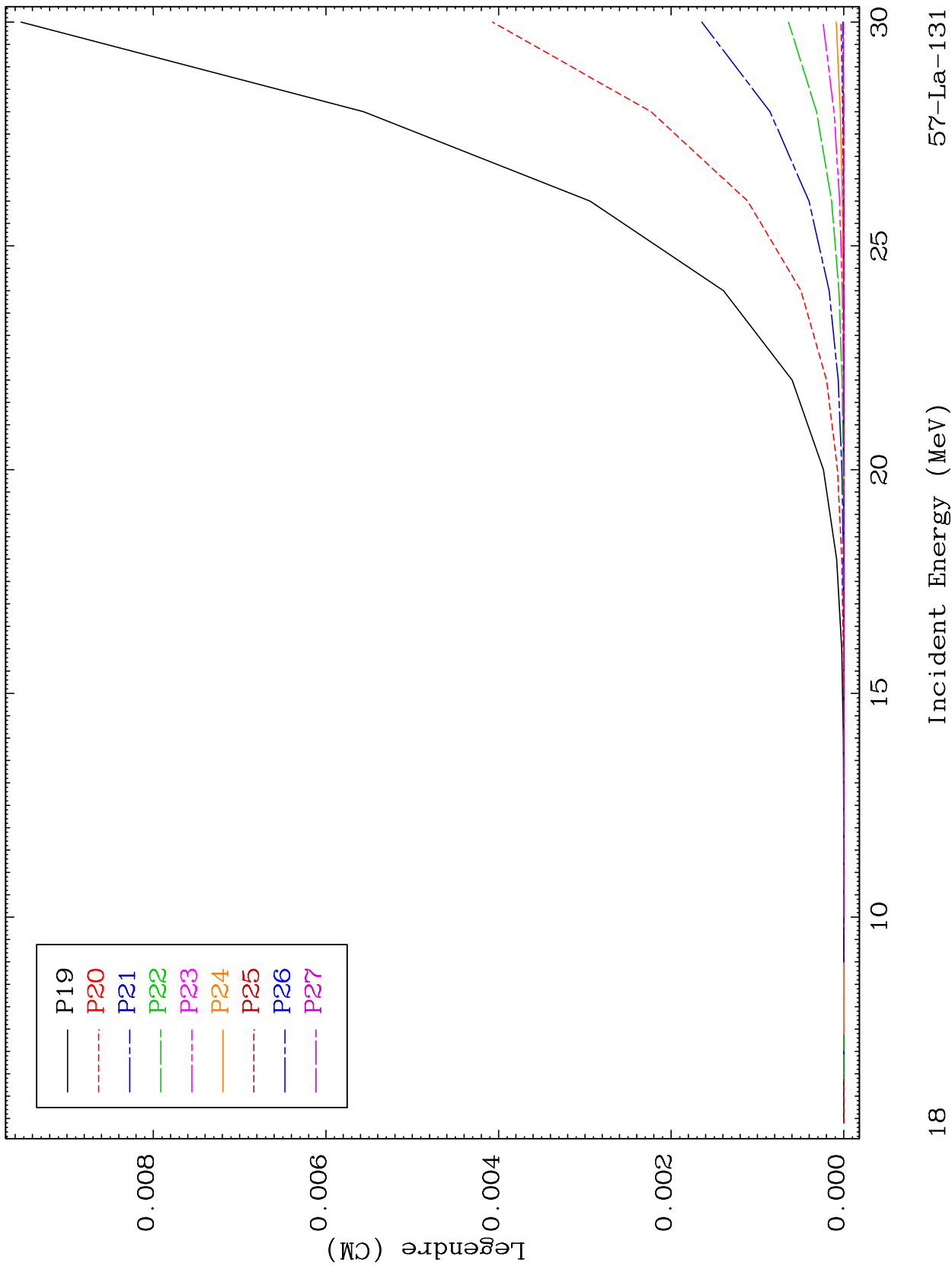
17

57-La-131

MAT 5704

Elastic Legendre Coefficients

57-La-131



18

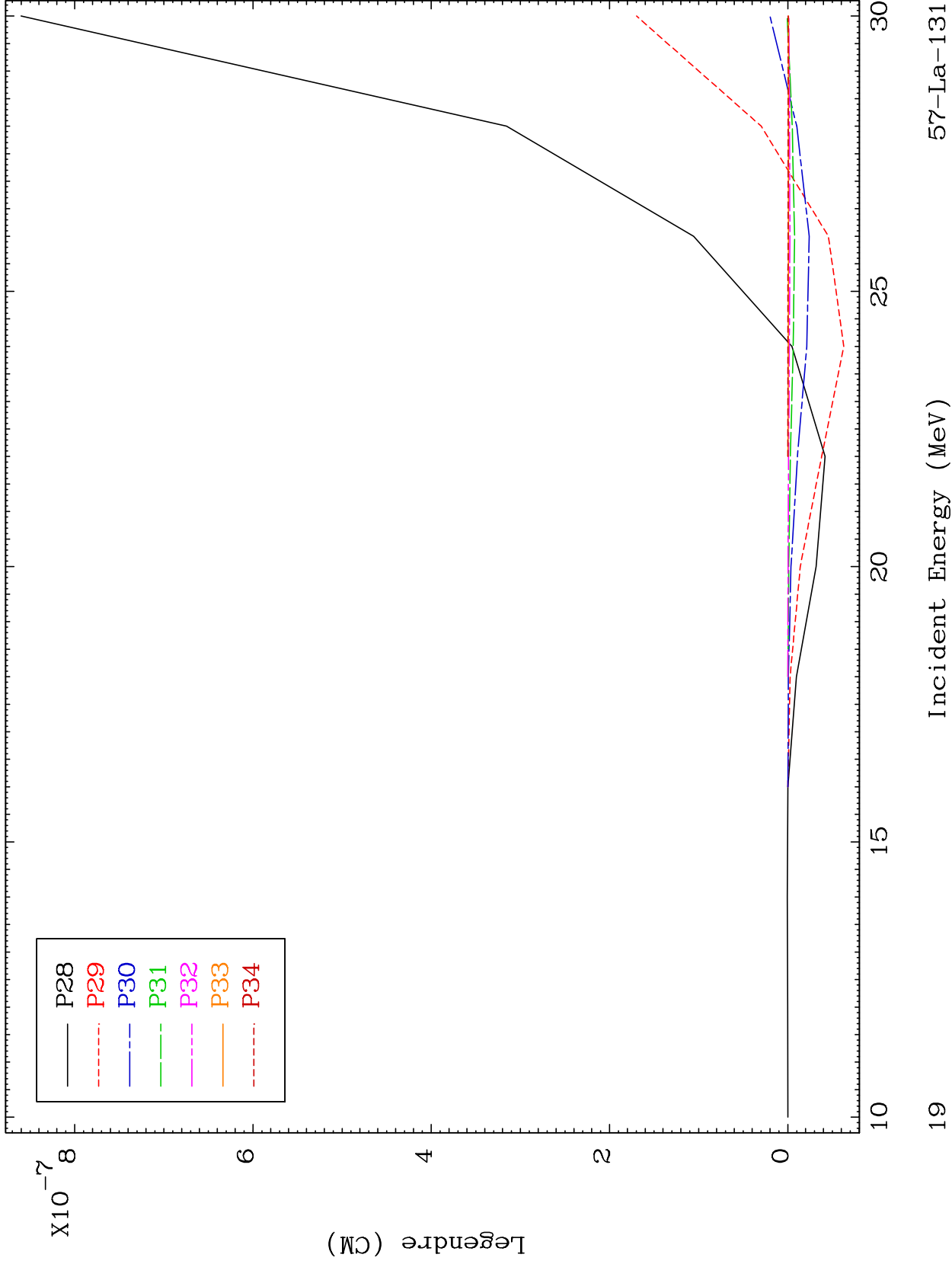
Incident Energy (MeV)

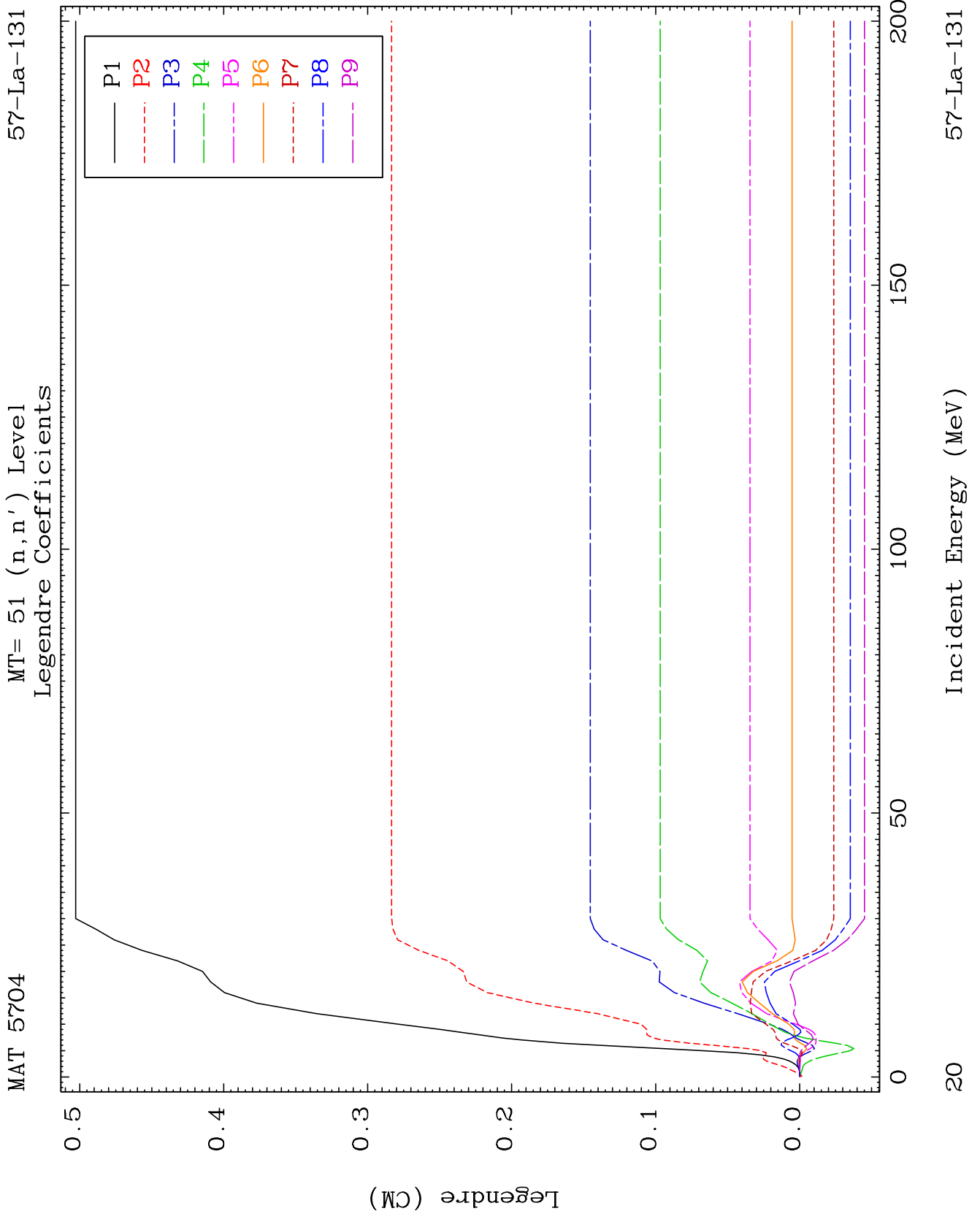
57-La-131

MAT 5704

Elastic Legendre Coefficients

57-La-131

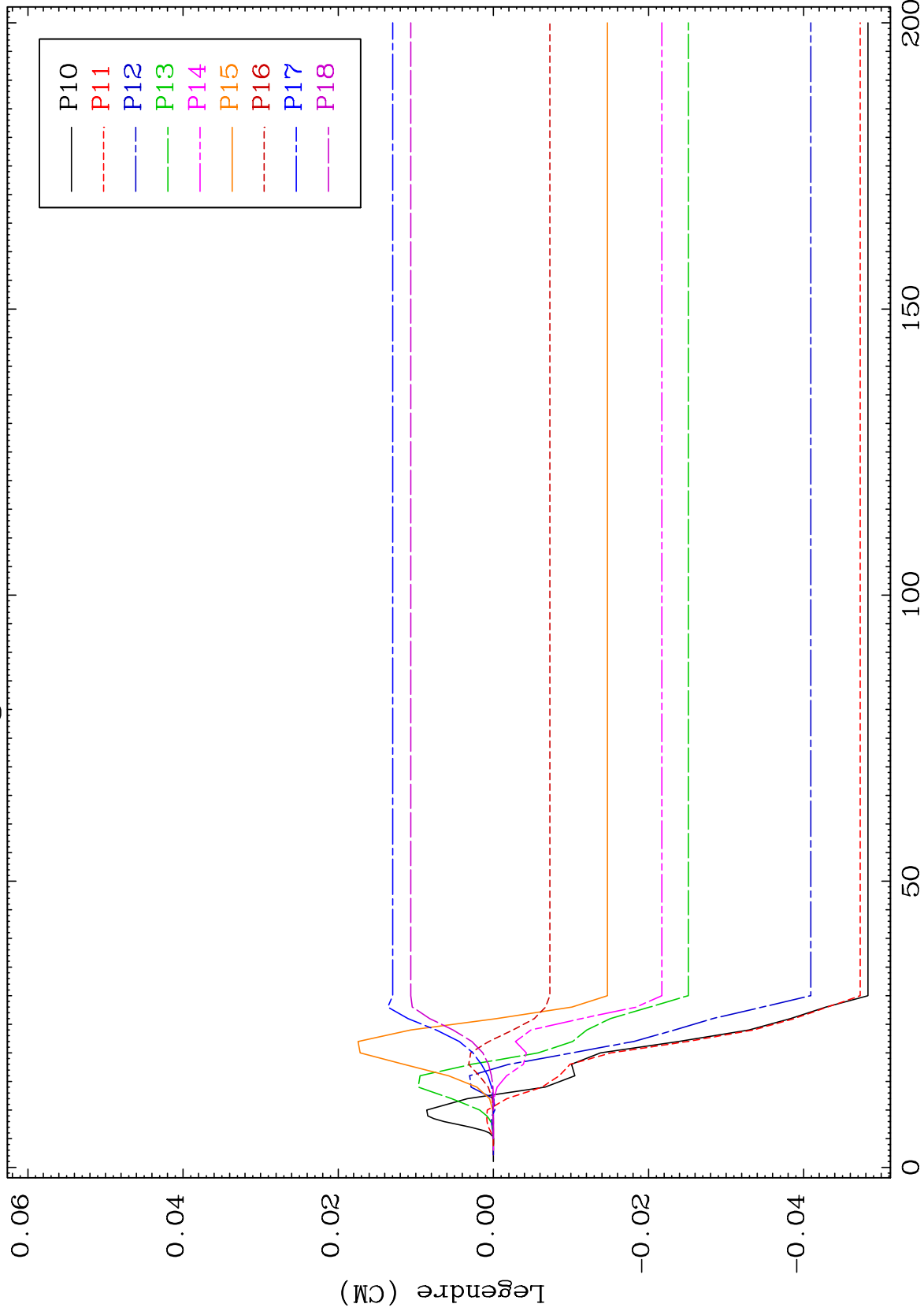




MAT 5704

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

57-La-131



21

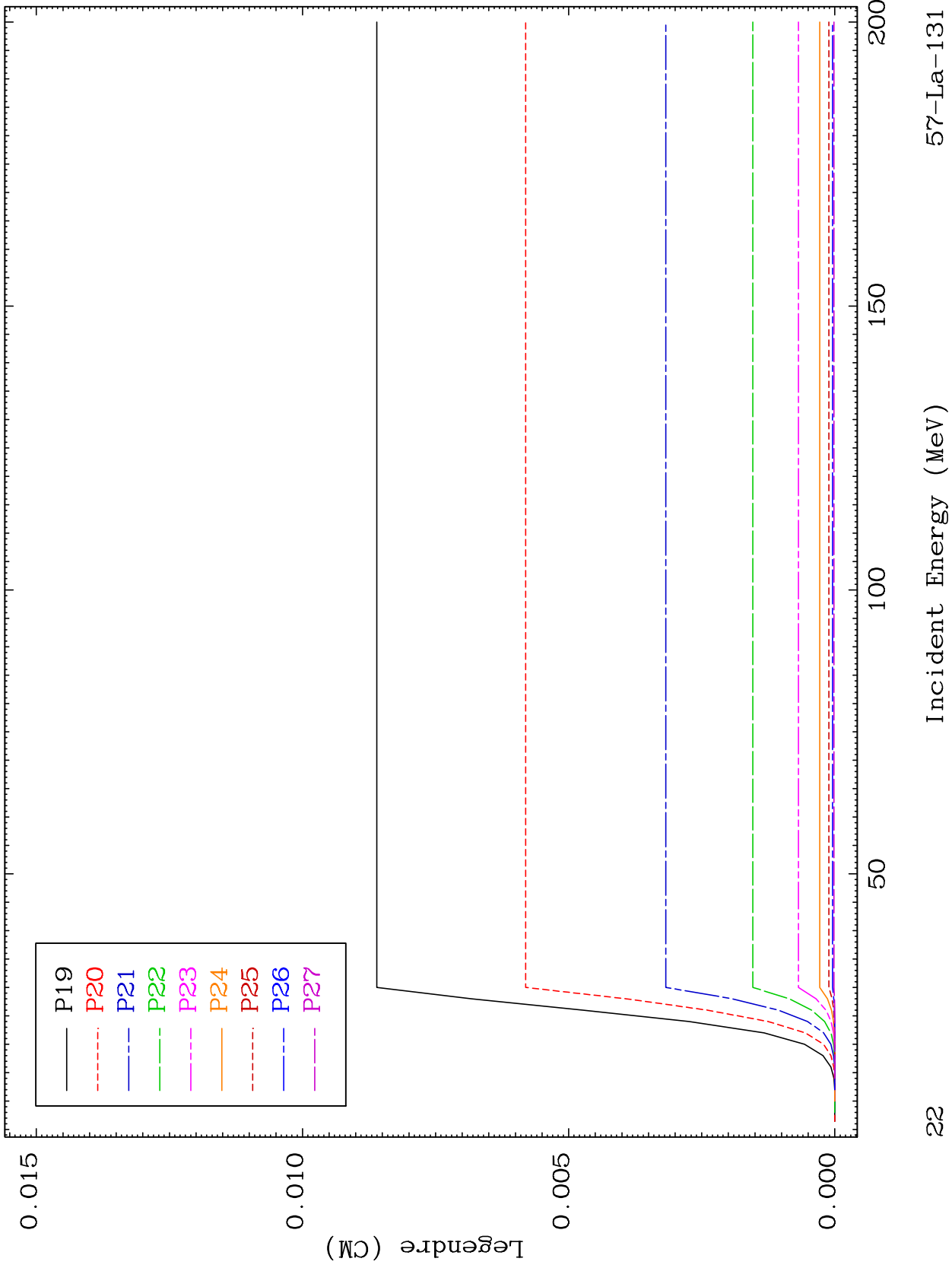
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



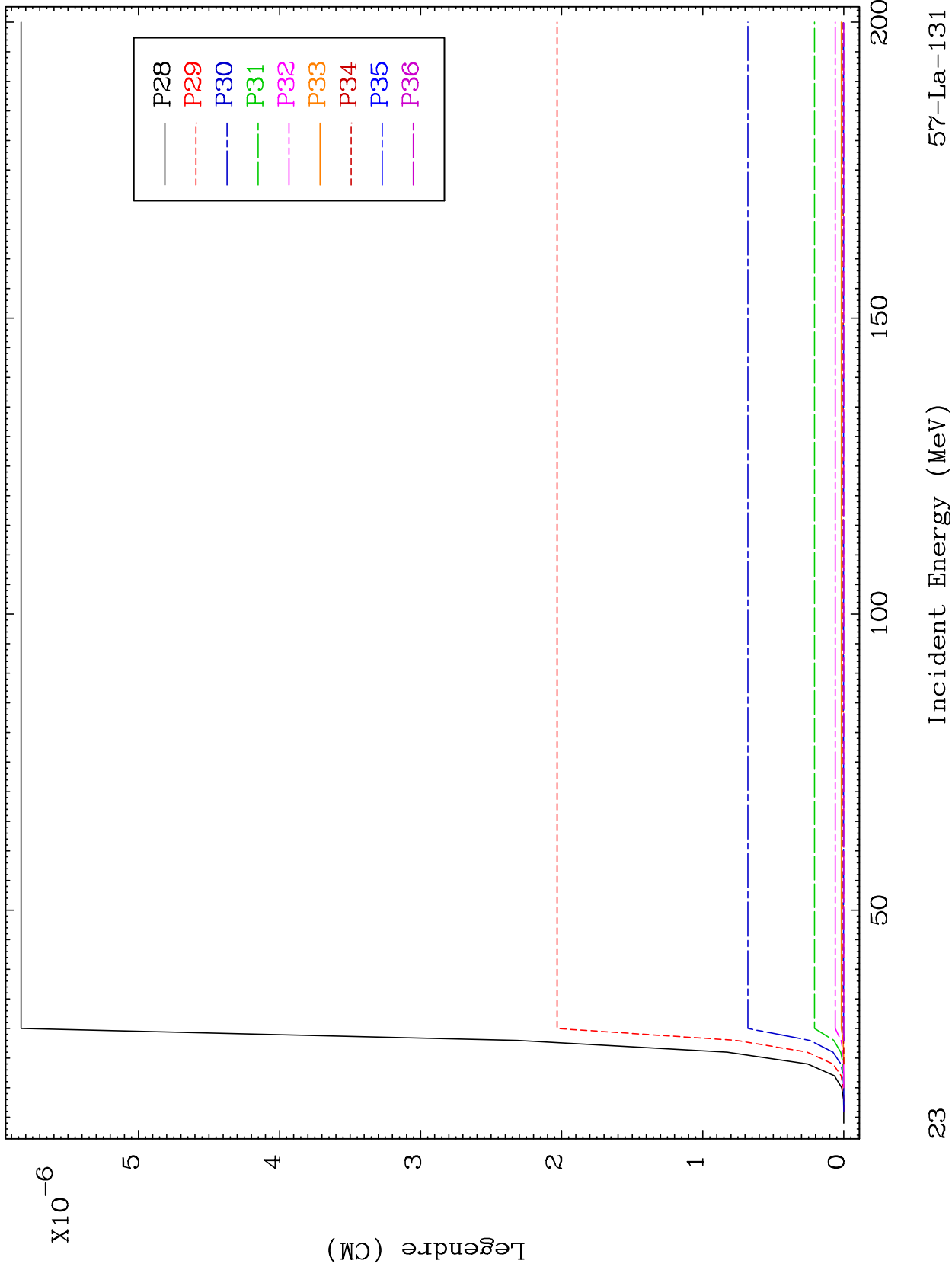
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57-La-131

MAT 5704

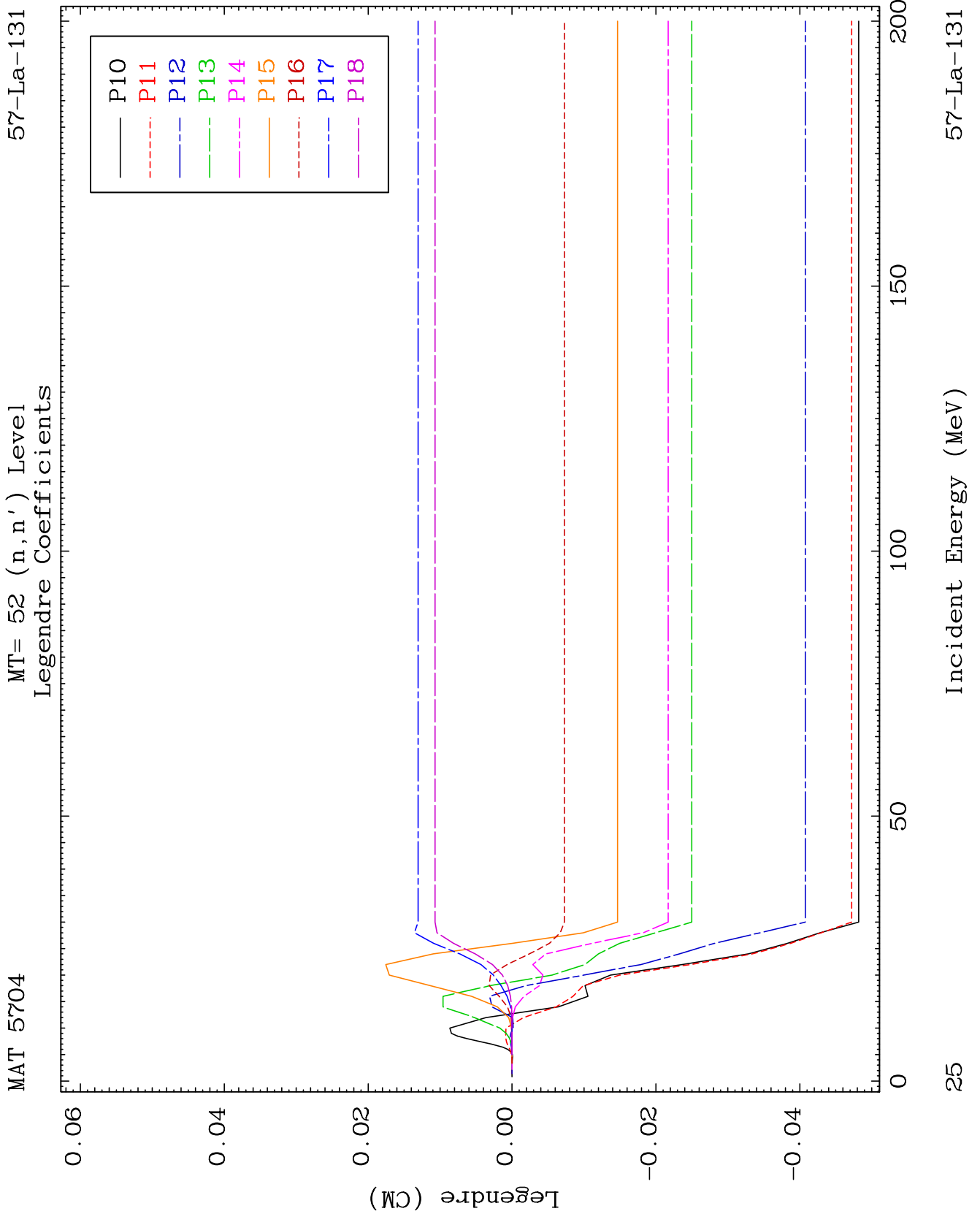
MT= 51 (n,n') Level
Legendre Coefficients

57-La-131



23

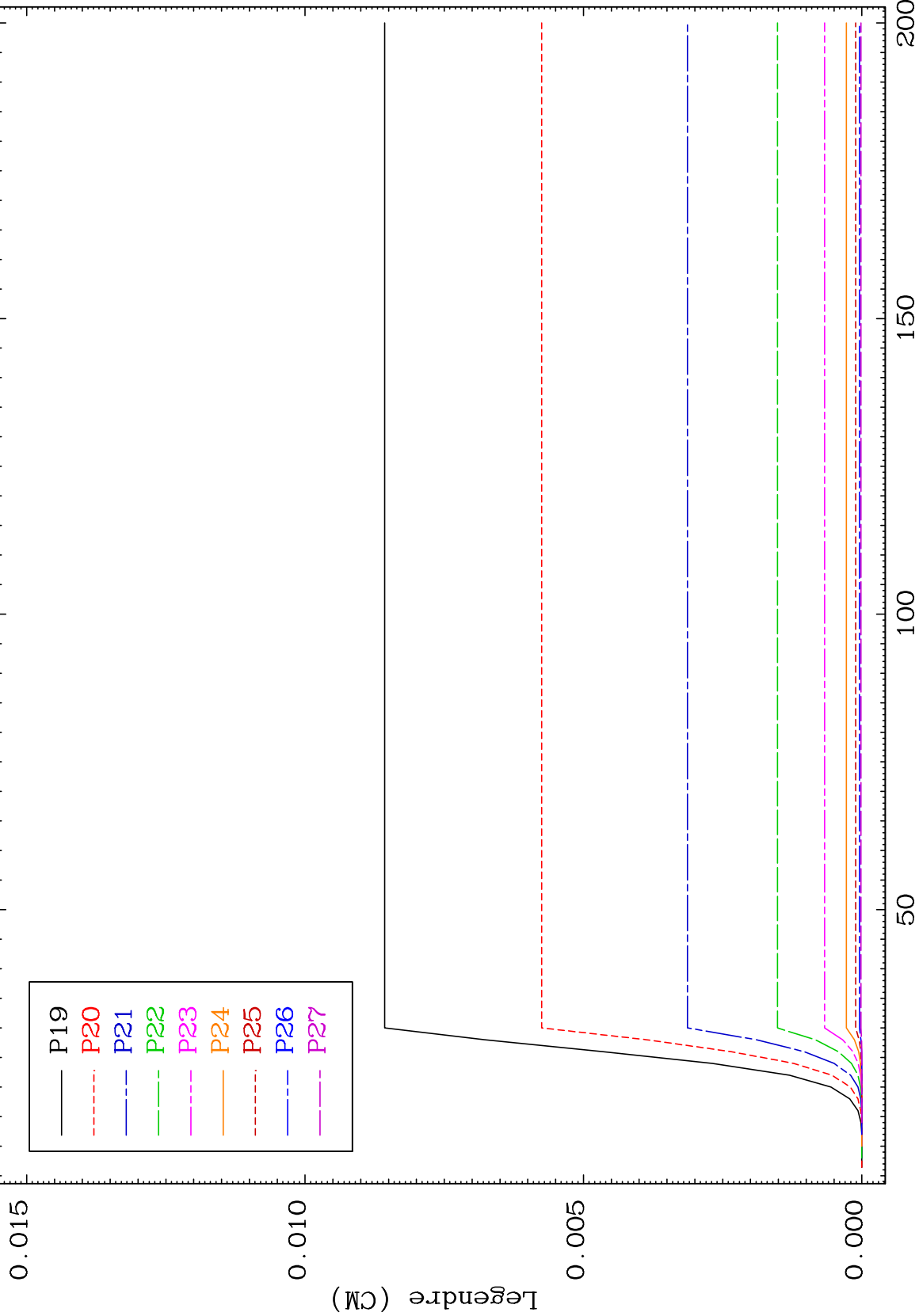
57-La-131



MAT 5704

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

57-La-131



26

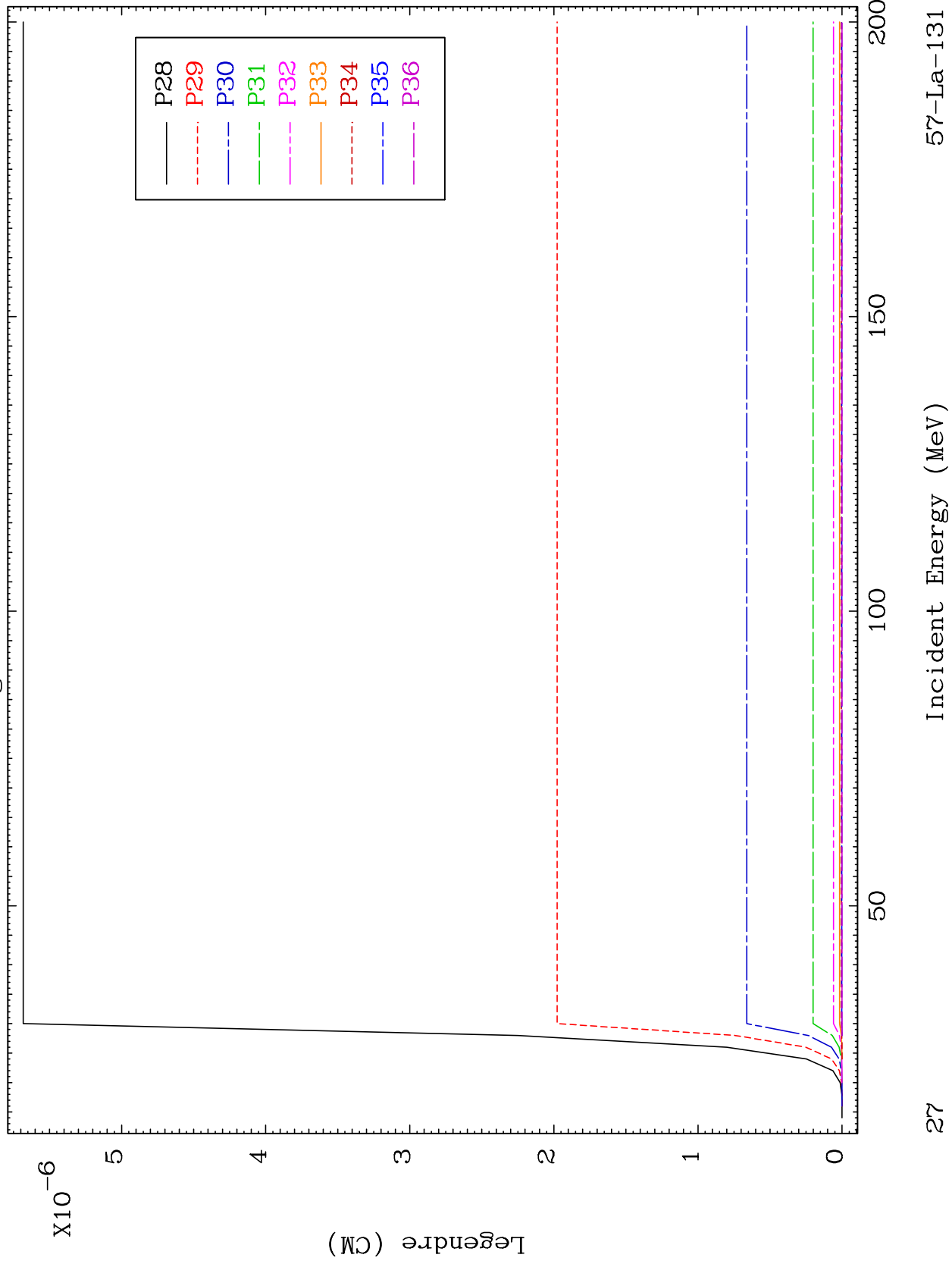
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



27

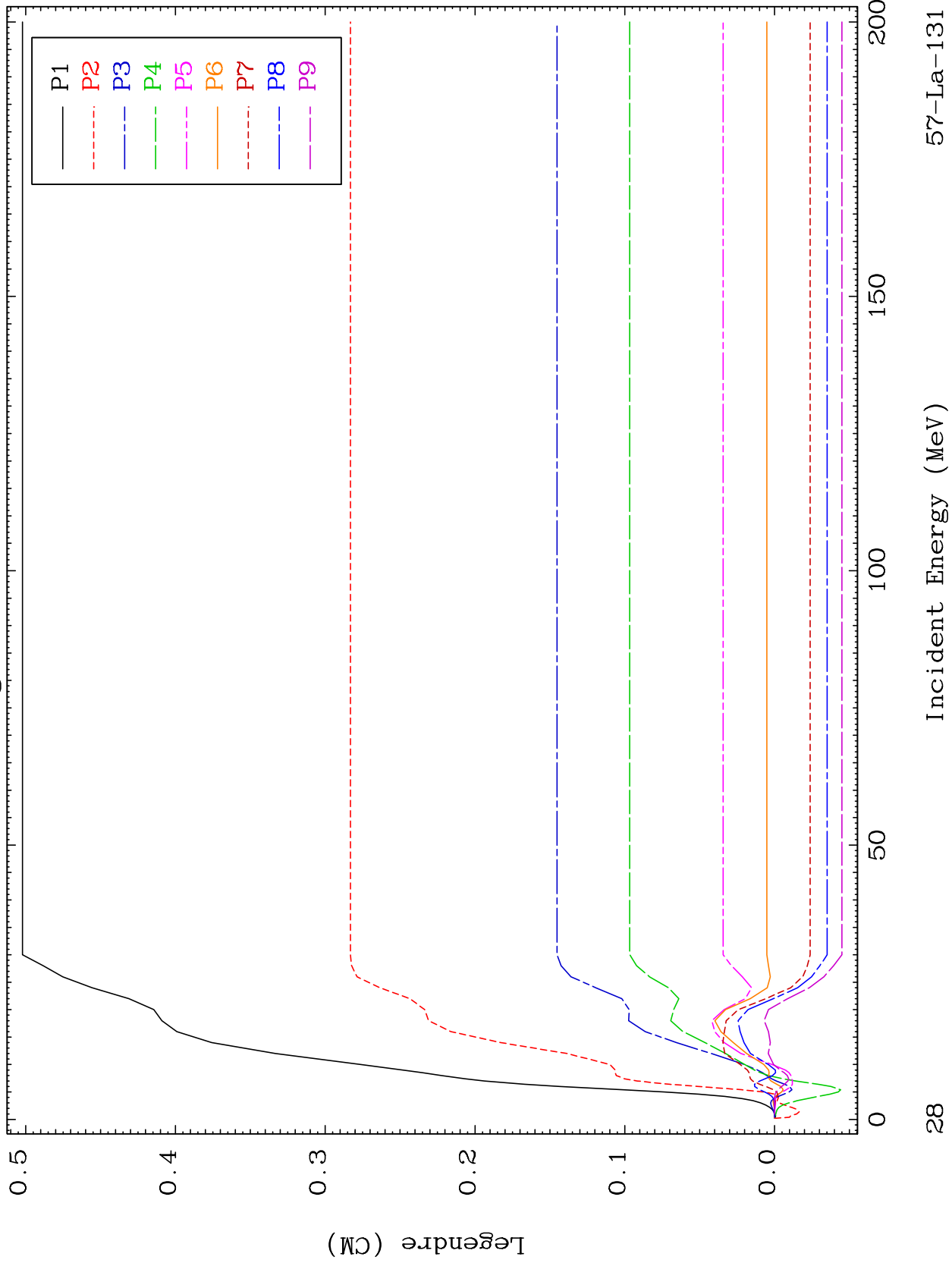
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



57-La-131

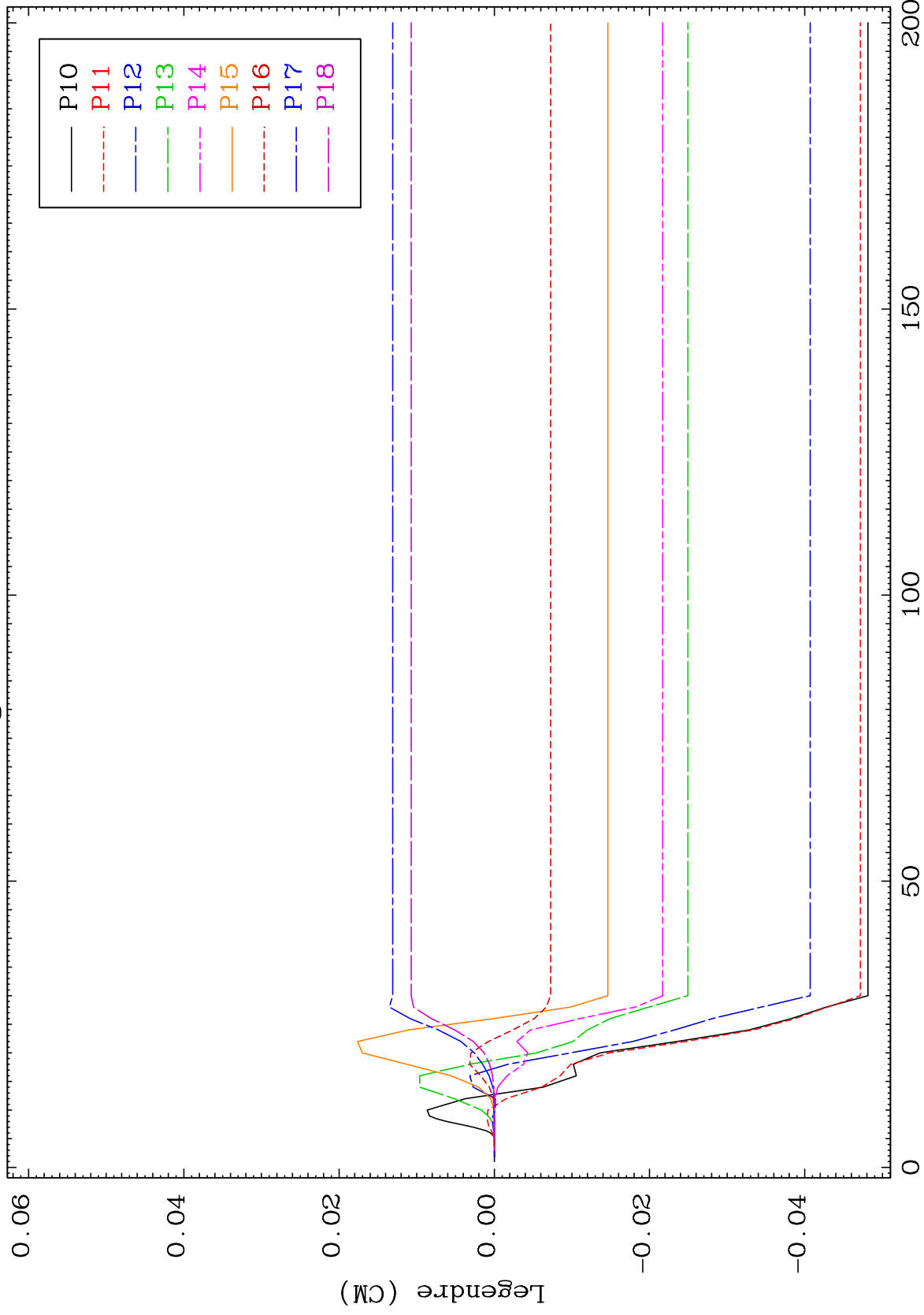
Incident Energy (MeV)

28

MAT 5704

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

57-La-131



29

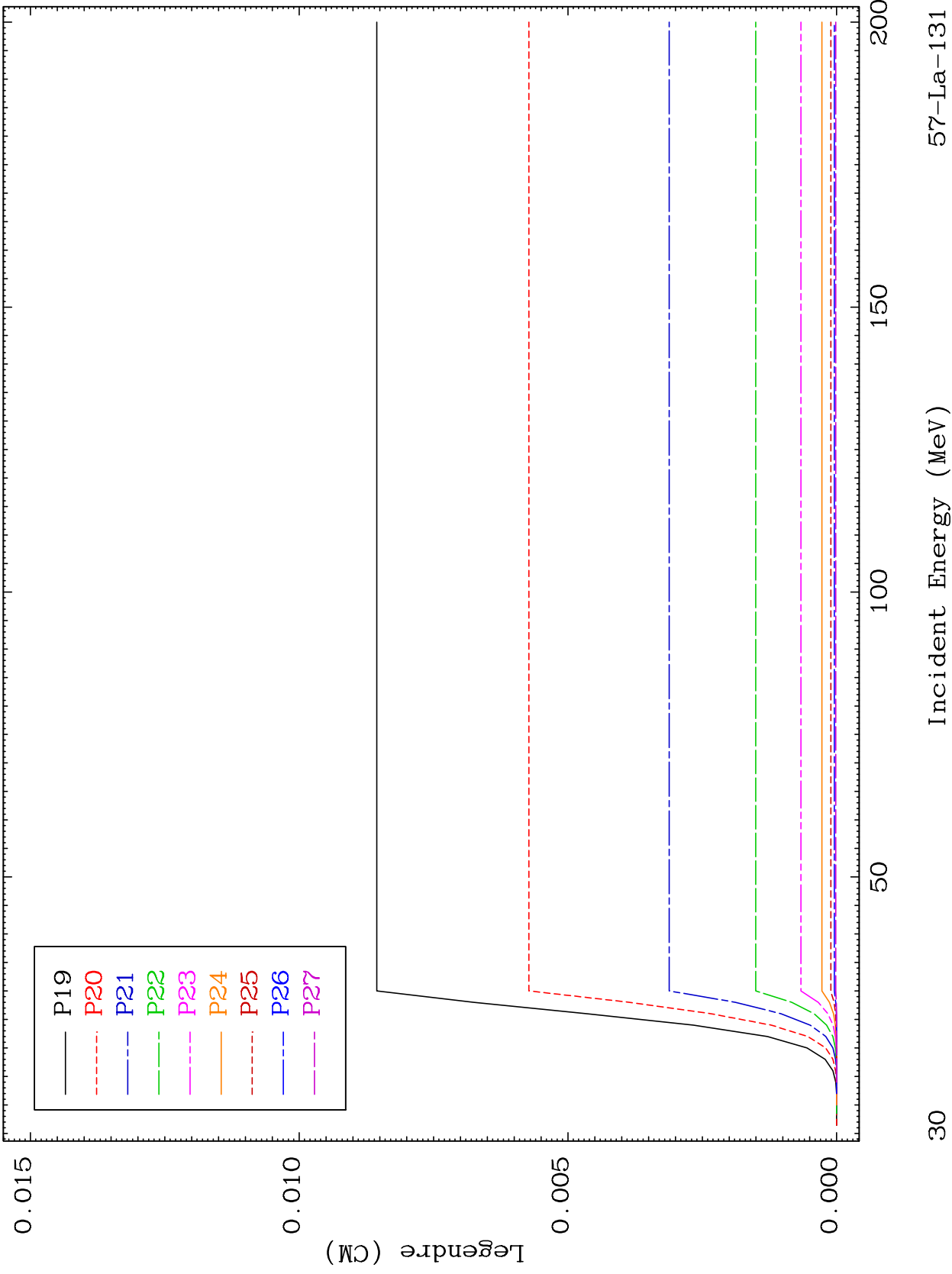
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



57-La-131

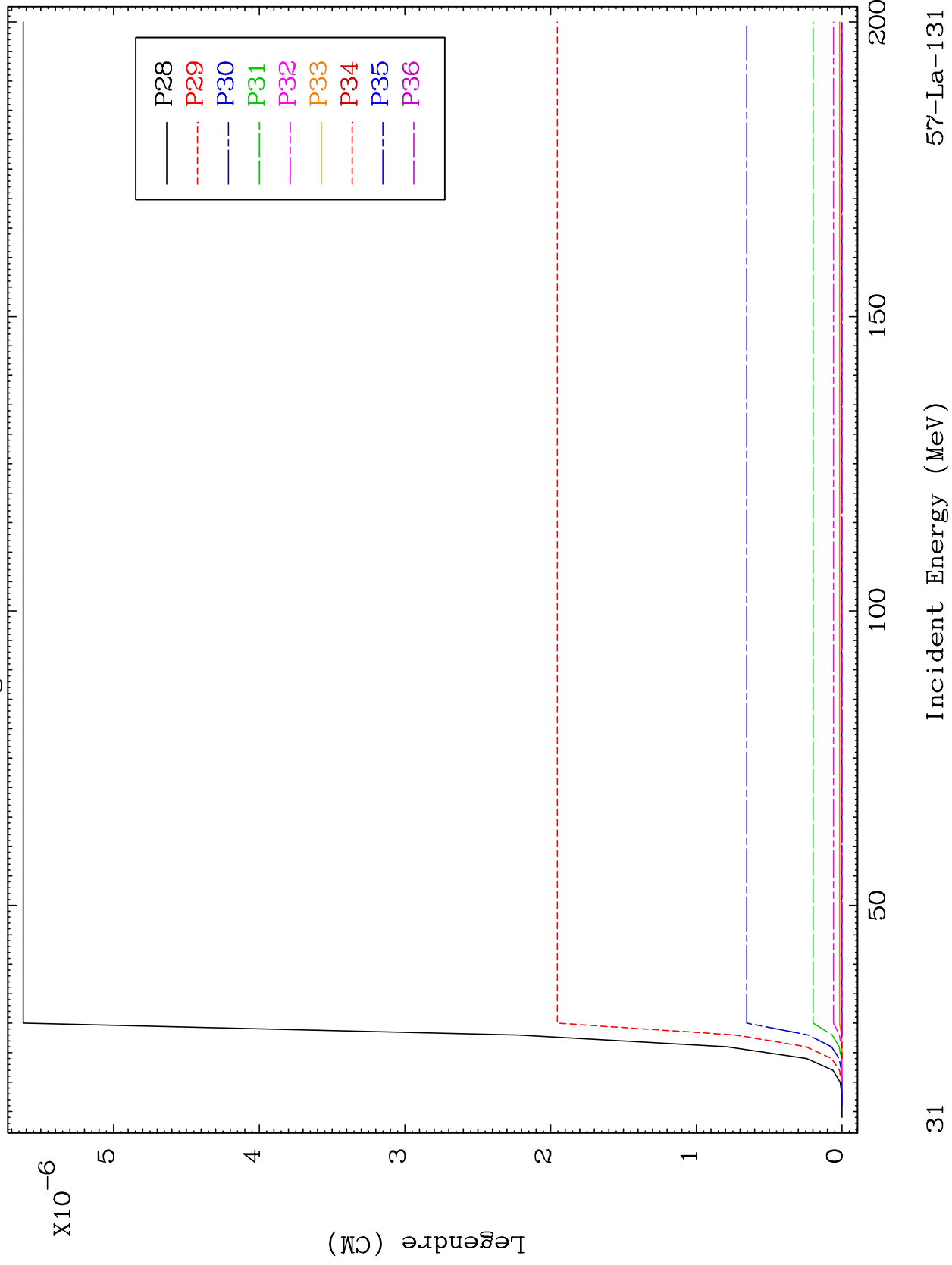
Incident Energy (MeV)

30

MAT 5704

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

57-La-131



31

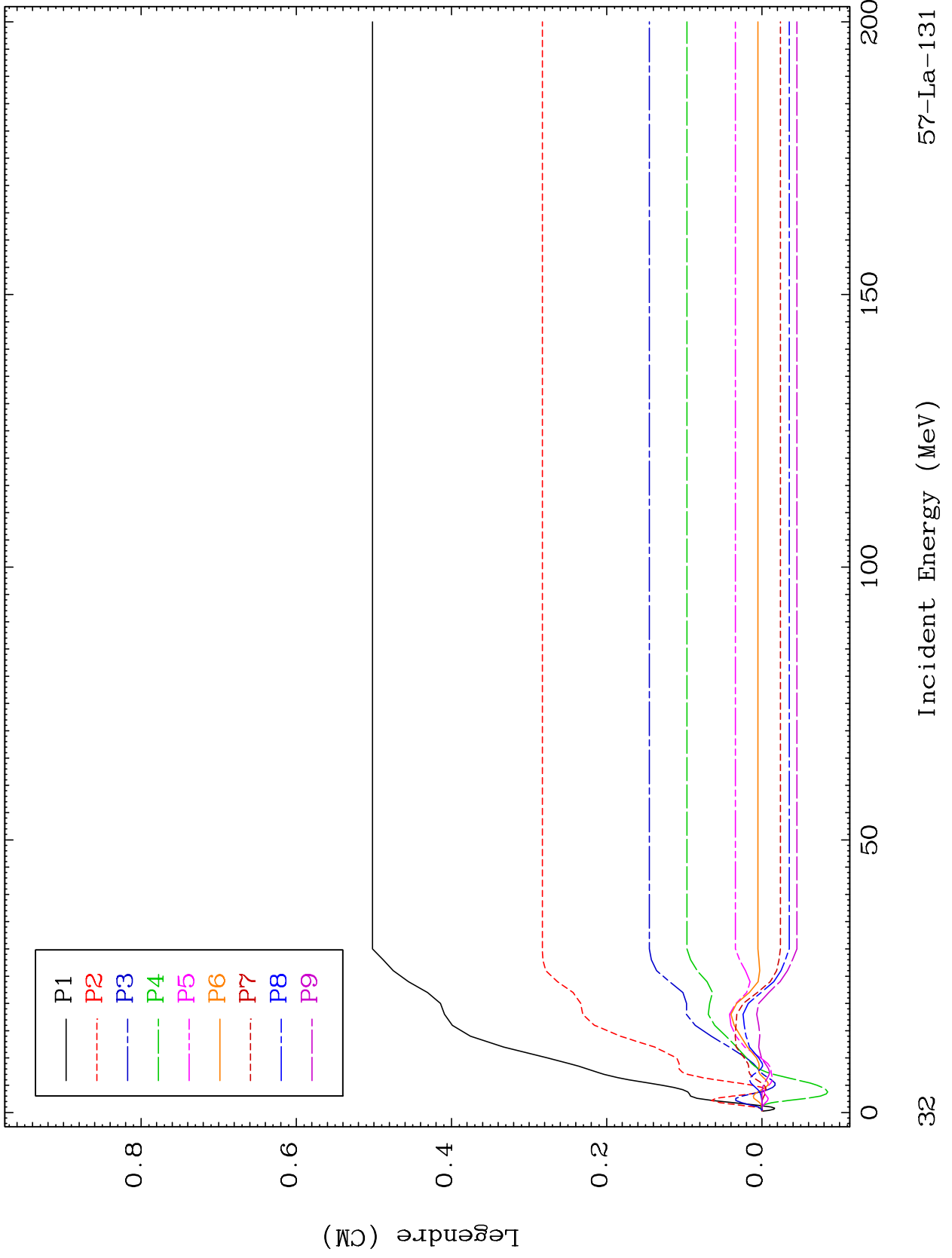
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



32

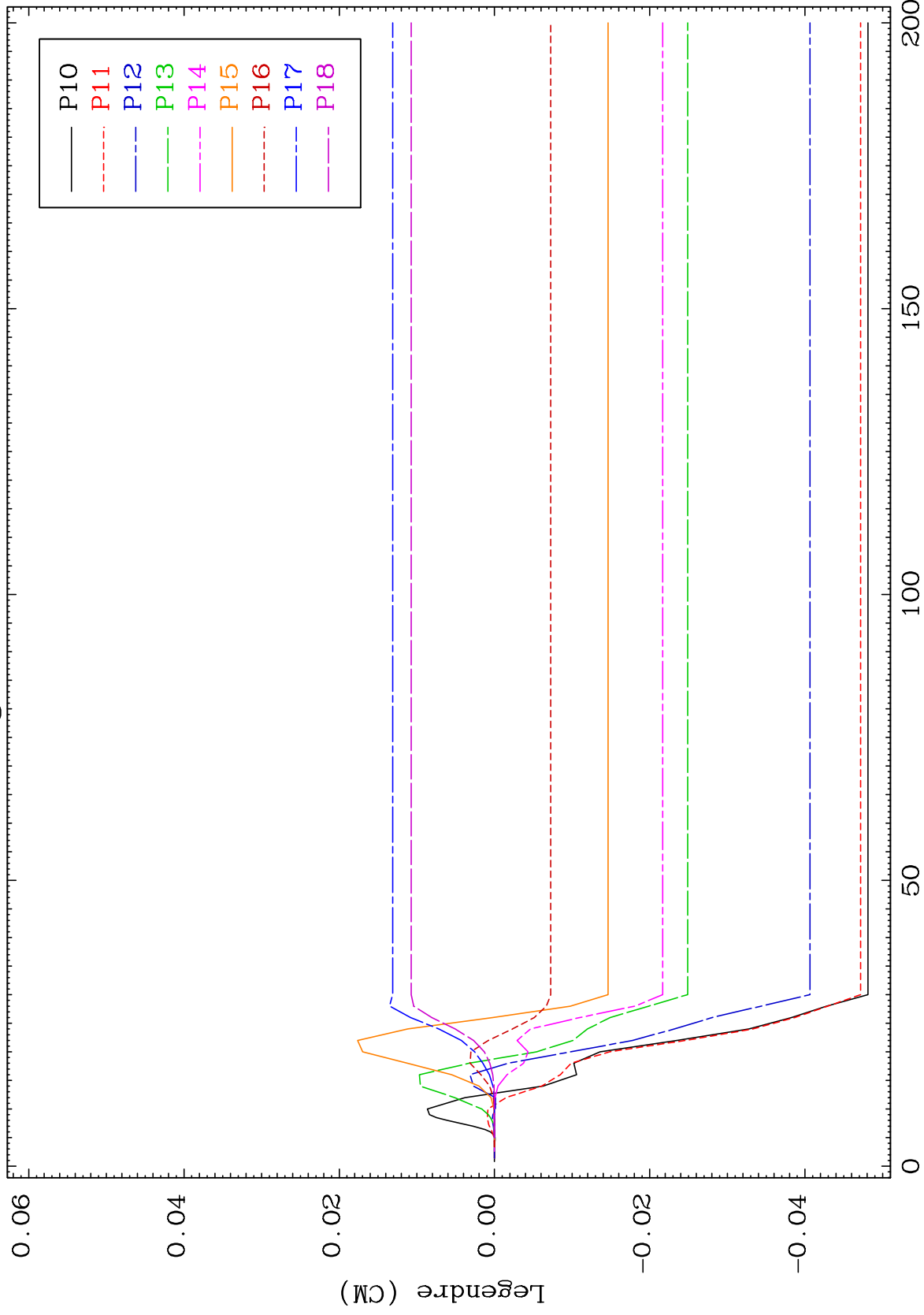
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



33

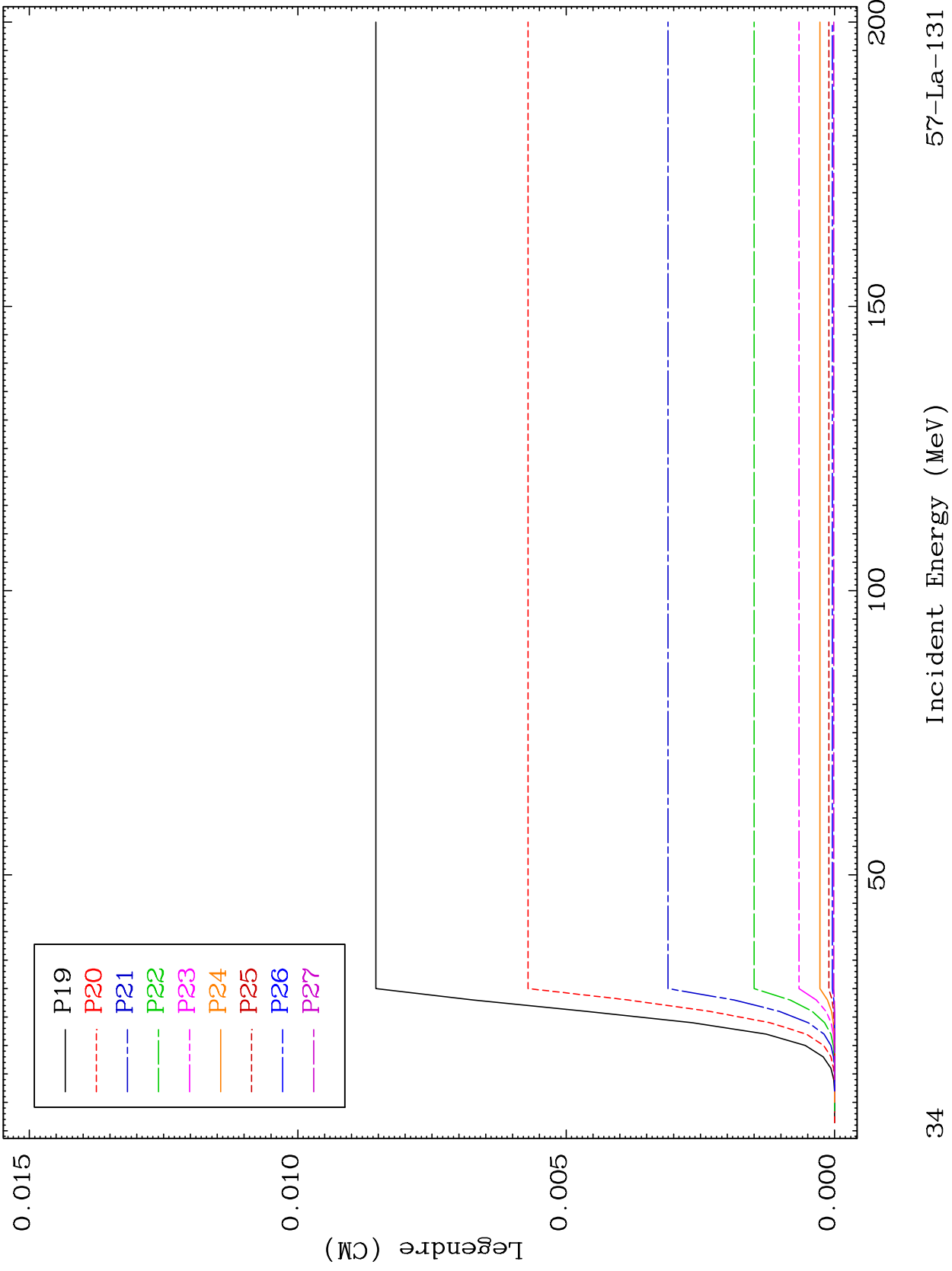
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



34

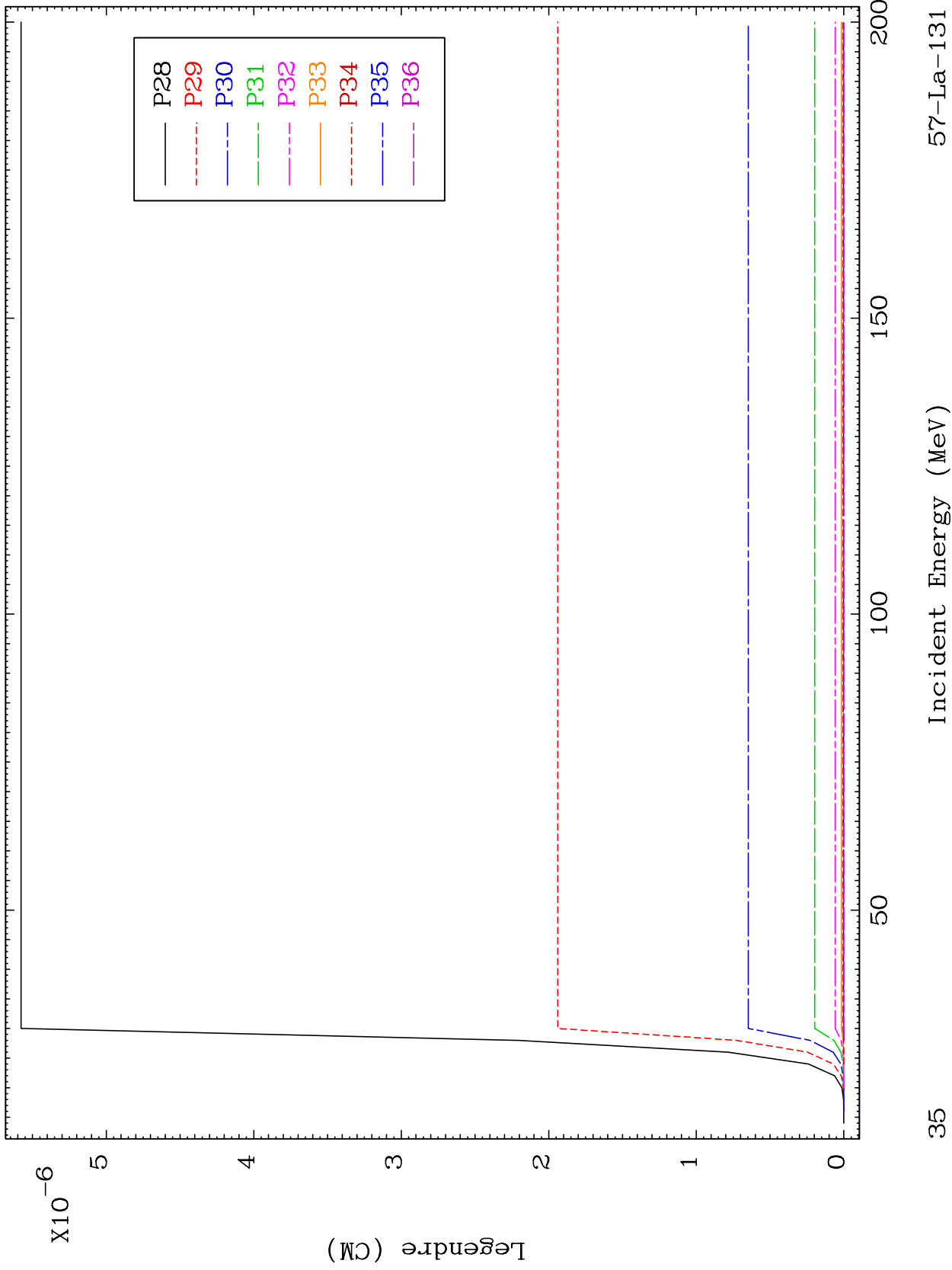
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



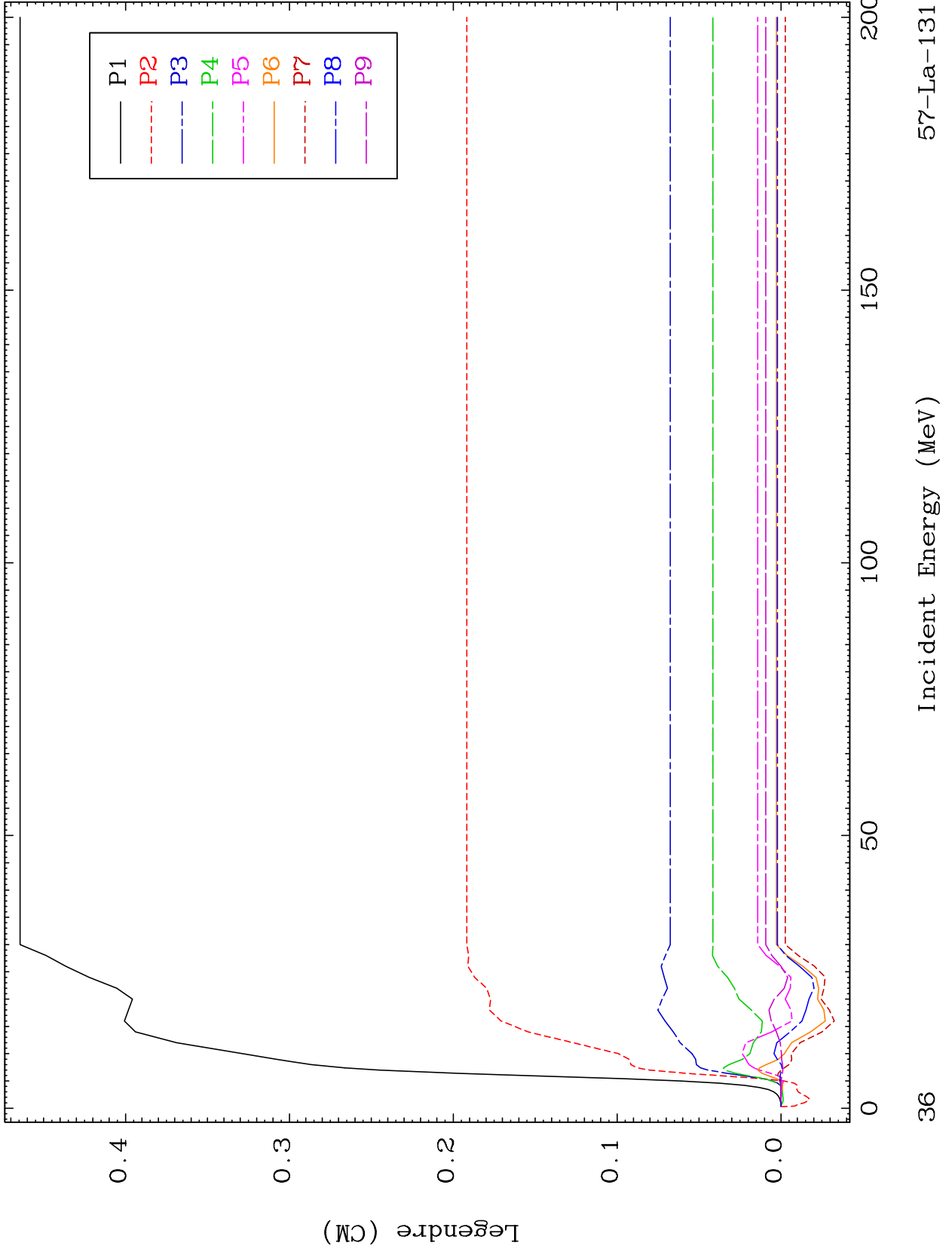
35

200

MAT 5704

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

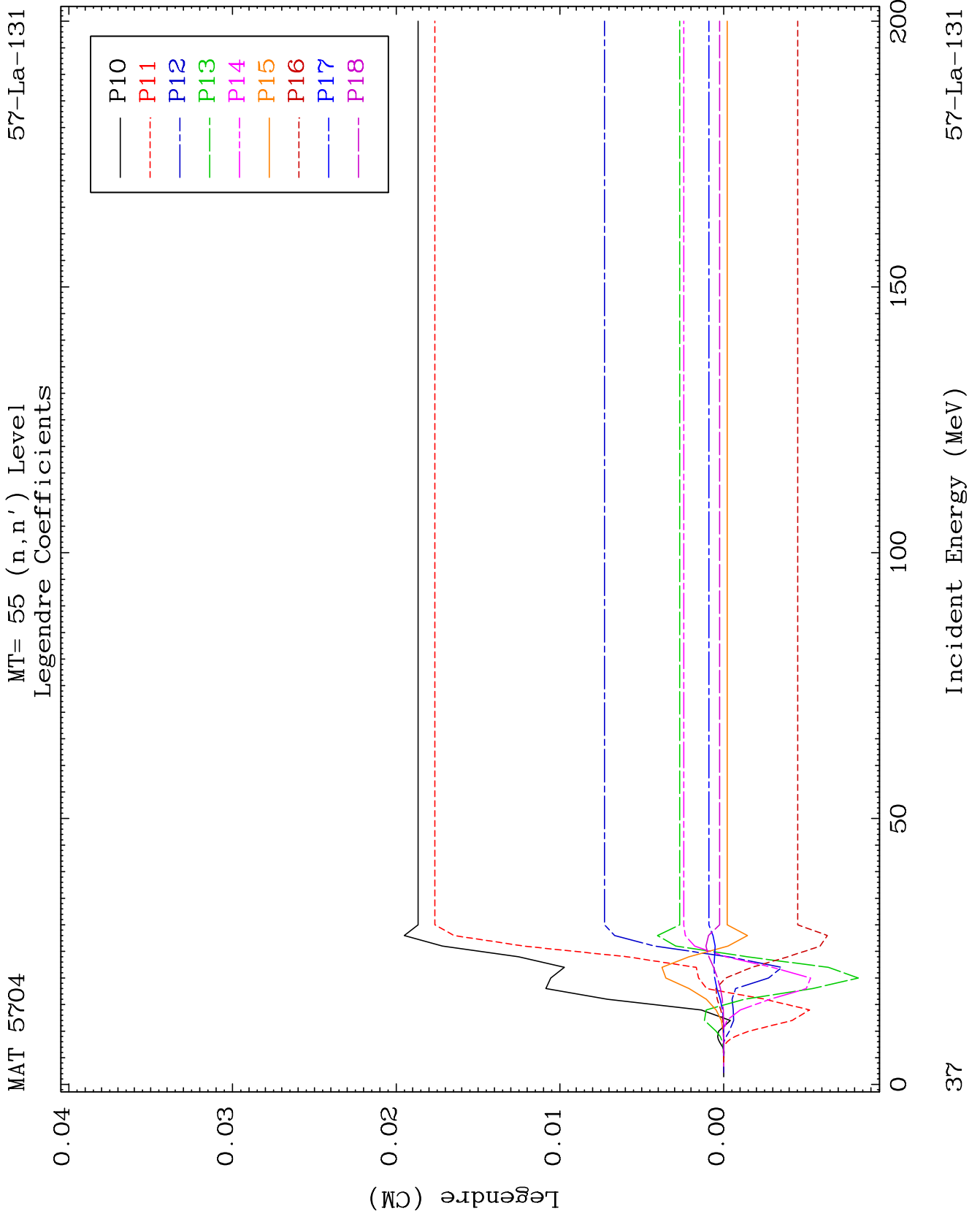
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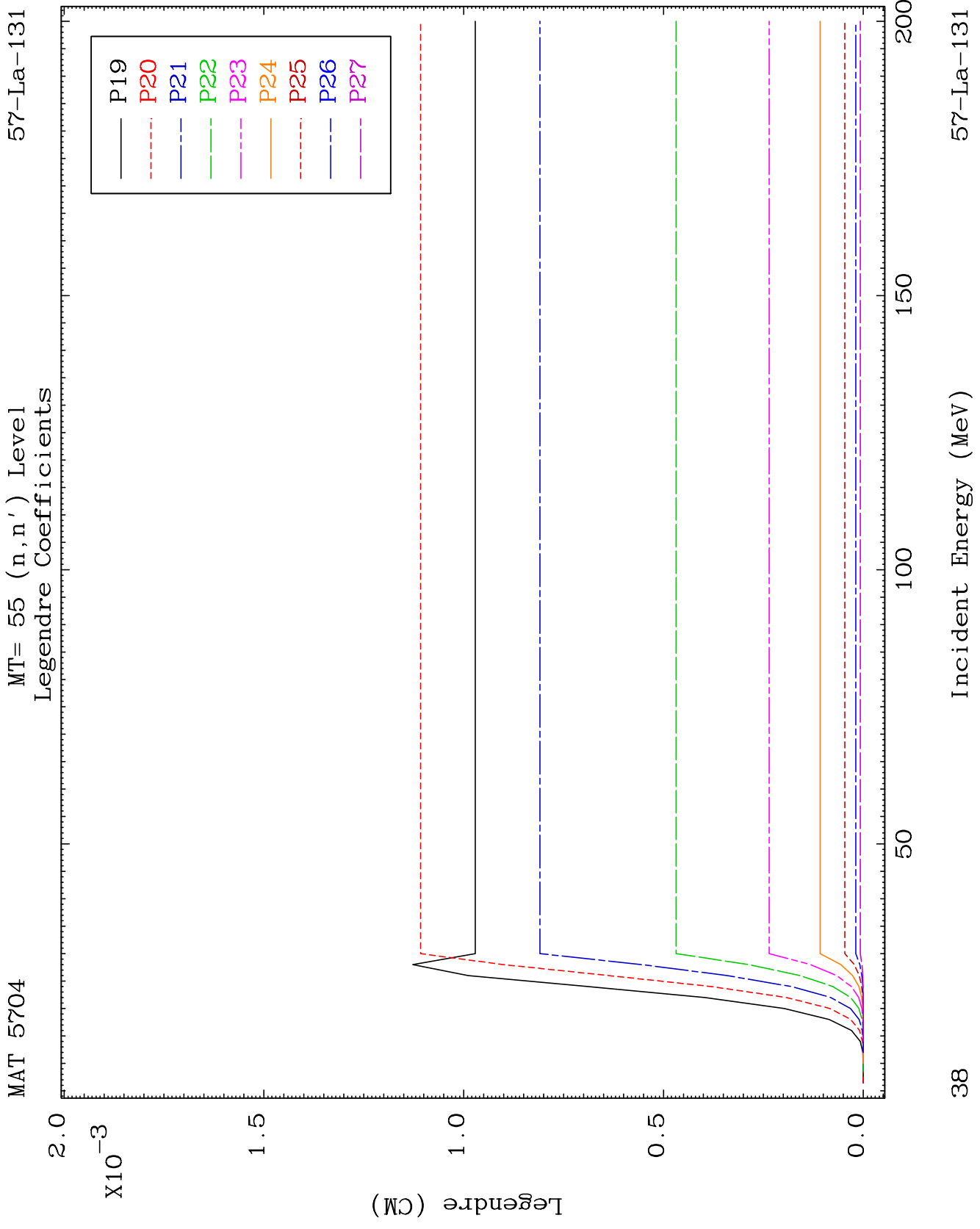


57-La-131

Incident Energy (MeV)

36

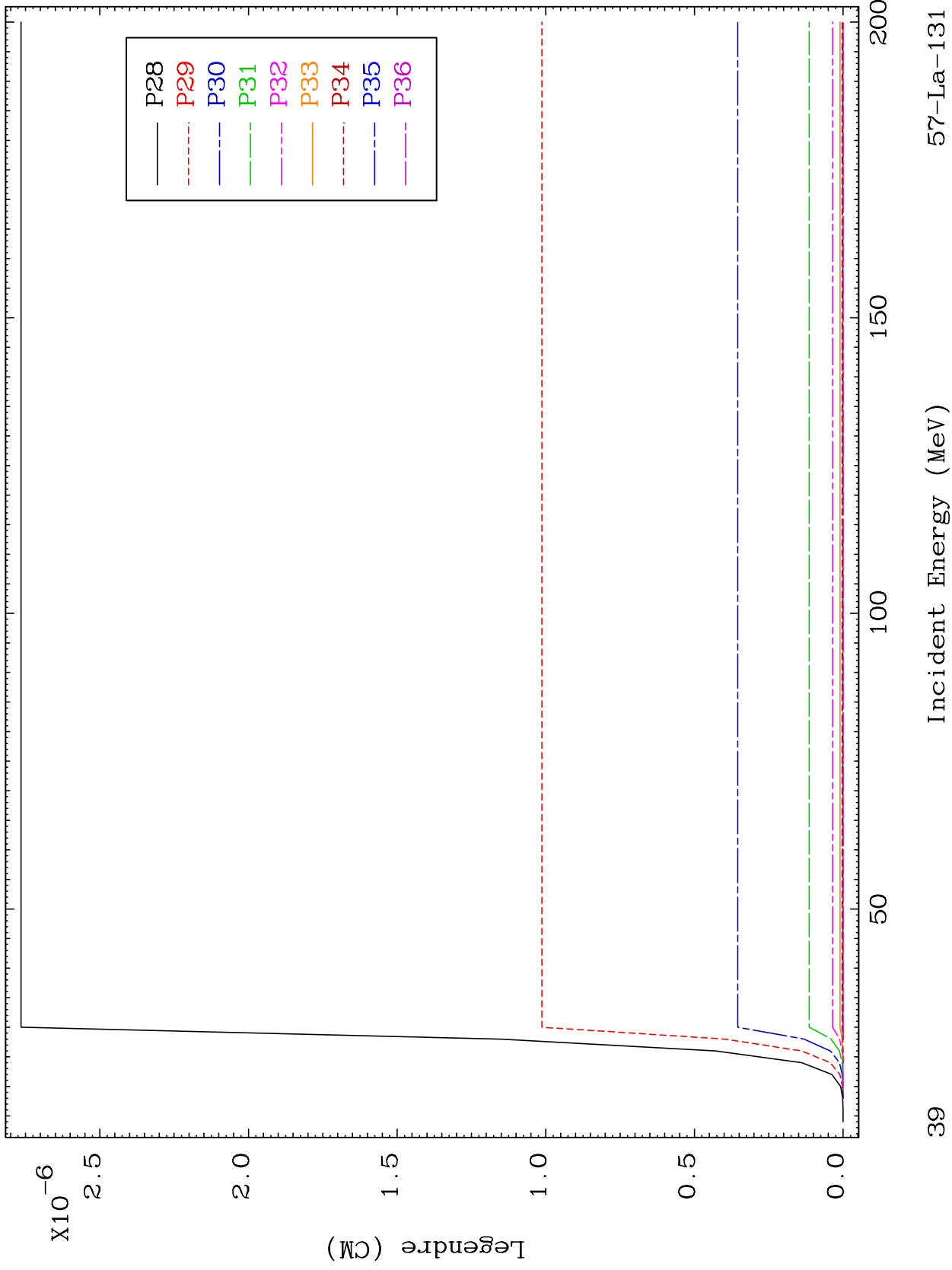




MAT 5704

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

57-La-131



39

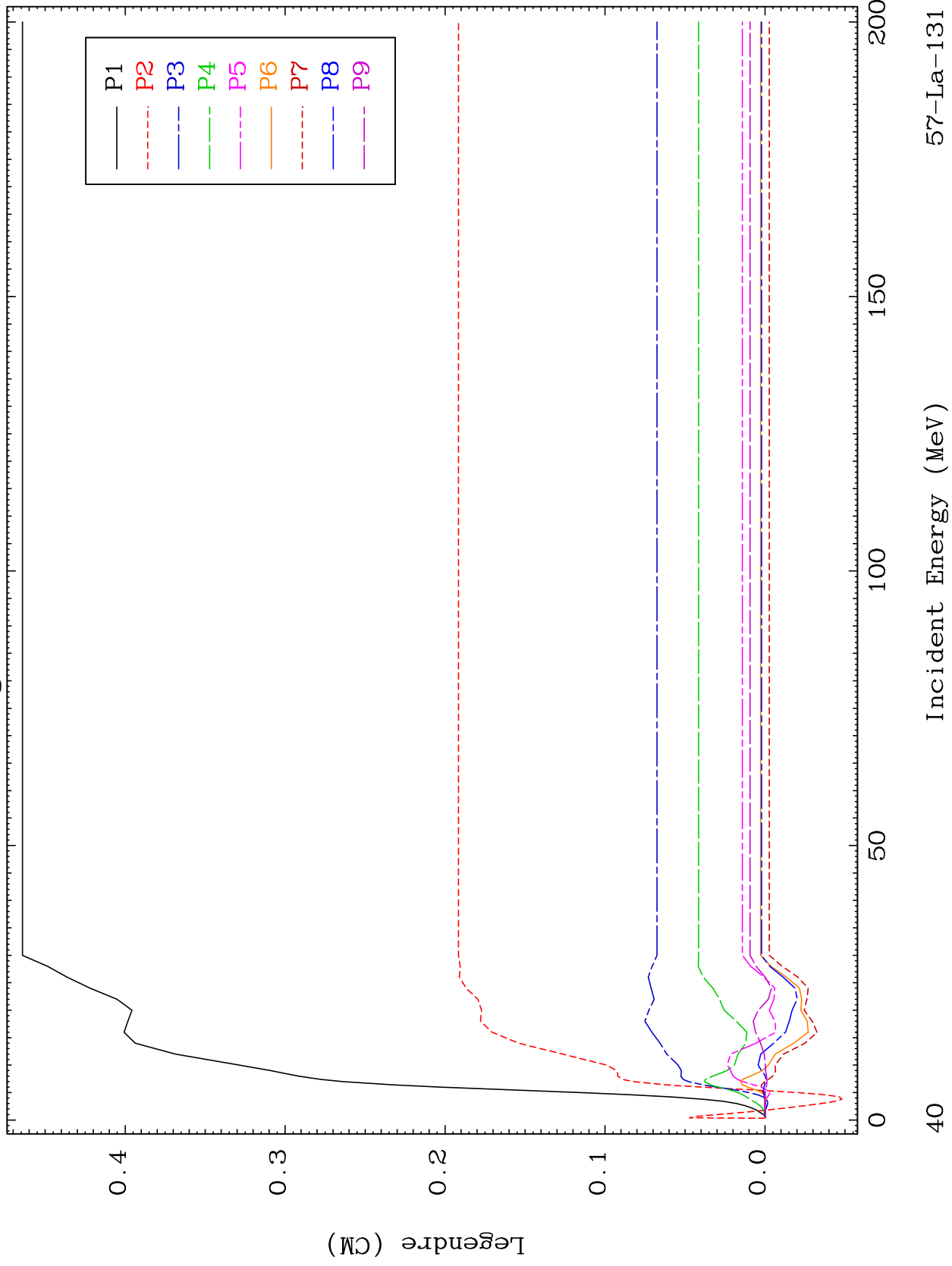
Incident Energy (MeV)

57-La-131

MAT 5704

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

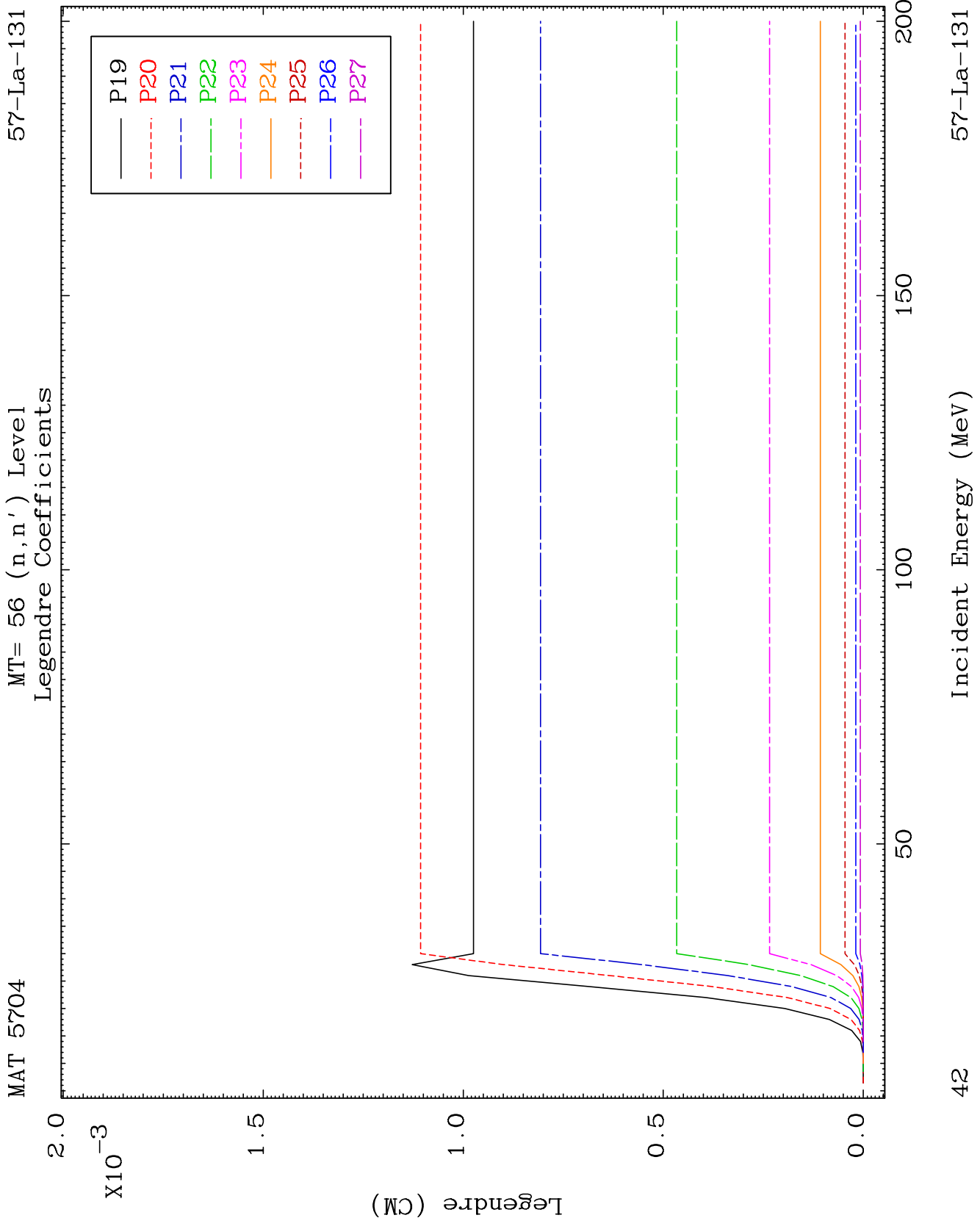
57-La-131



57-La-131

Incident Energy (MeV)

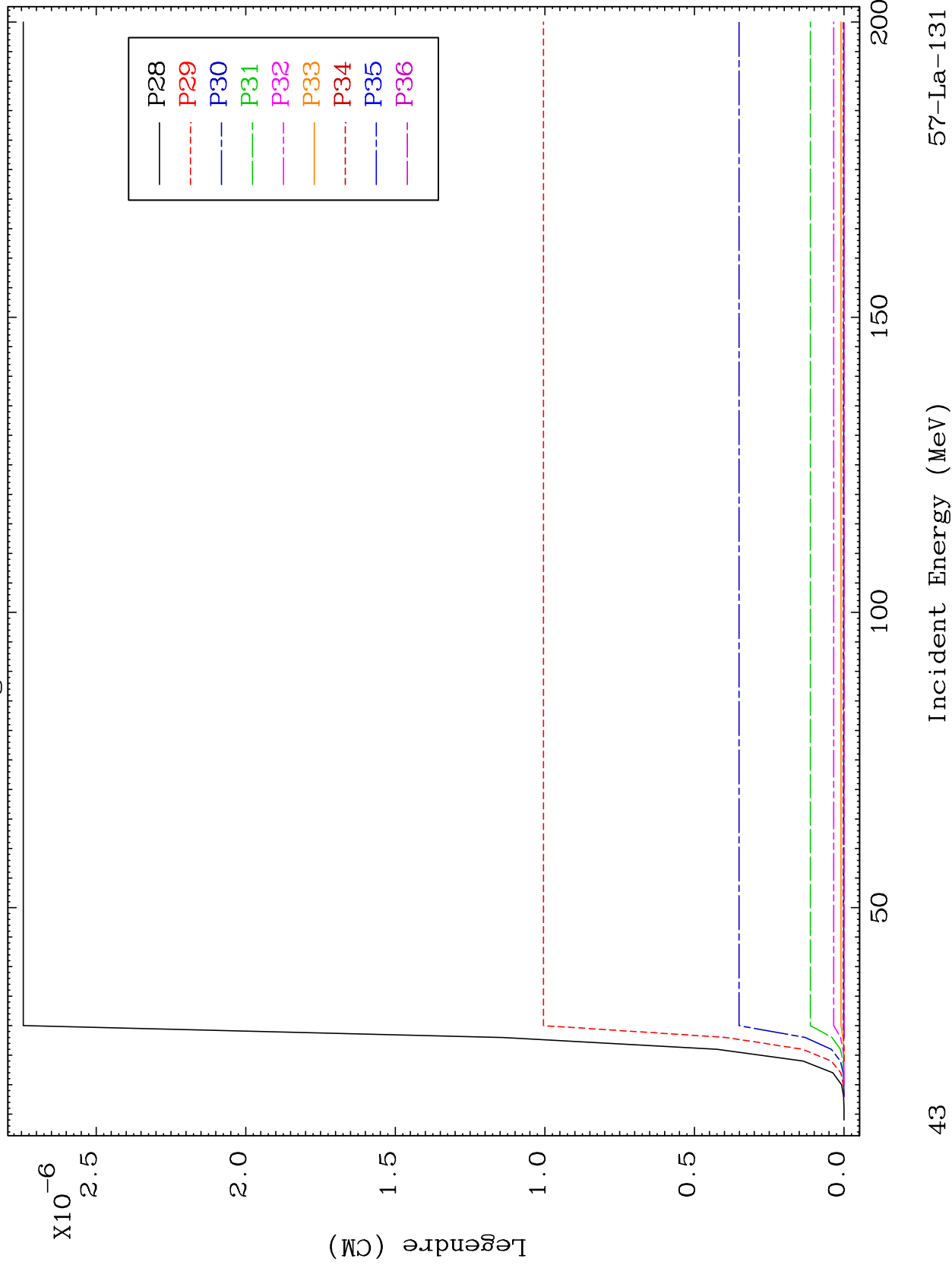
40



MAT 5704

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

57-La-131



43

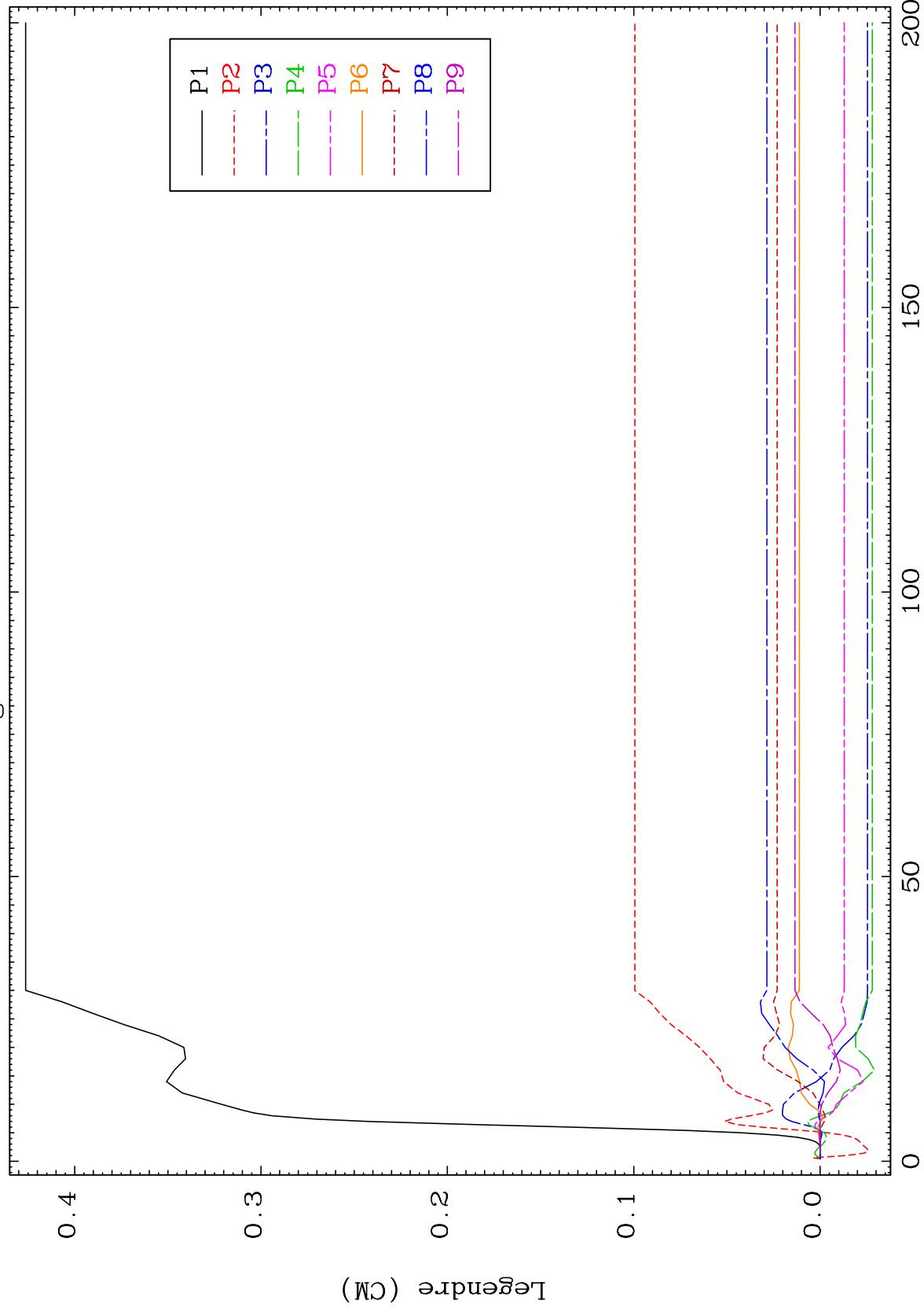
Incident Energy (MeV)

57-La-131

MAT 5704

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

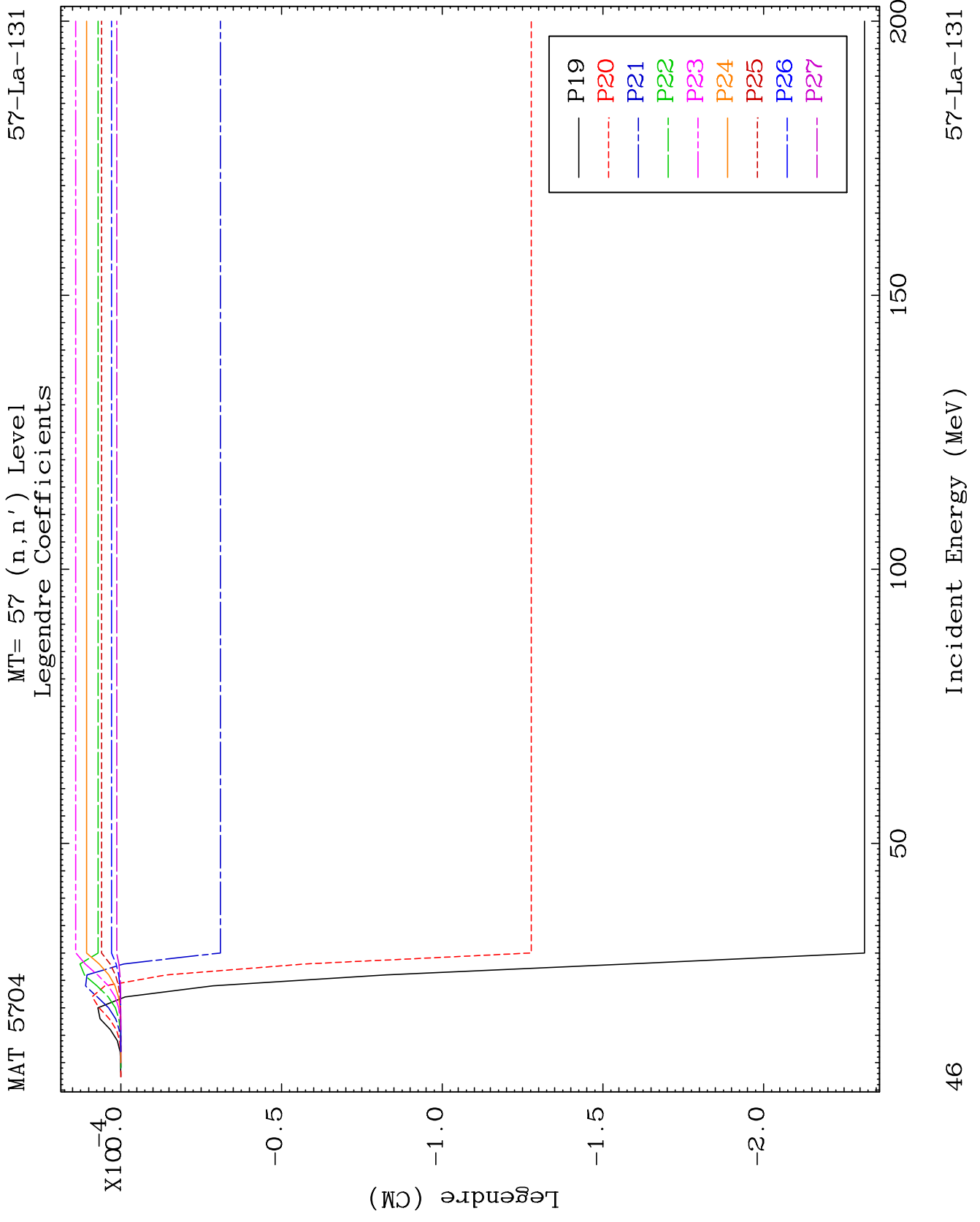
57-La-131



57-La-131

Incident Energy (MeV)

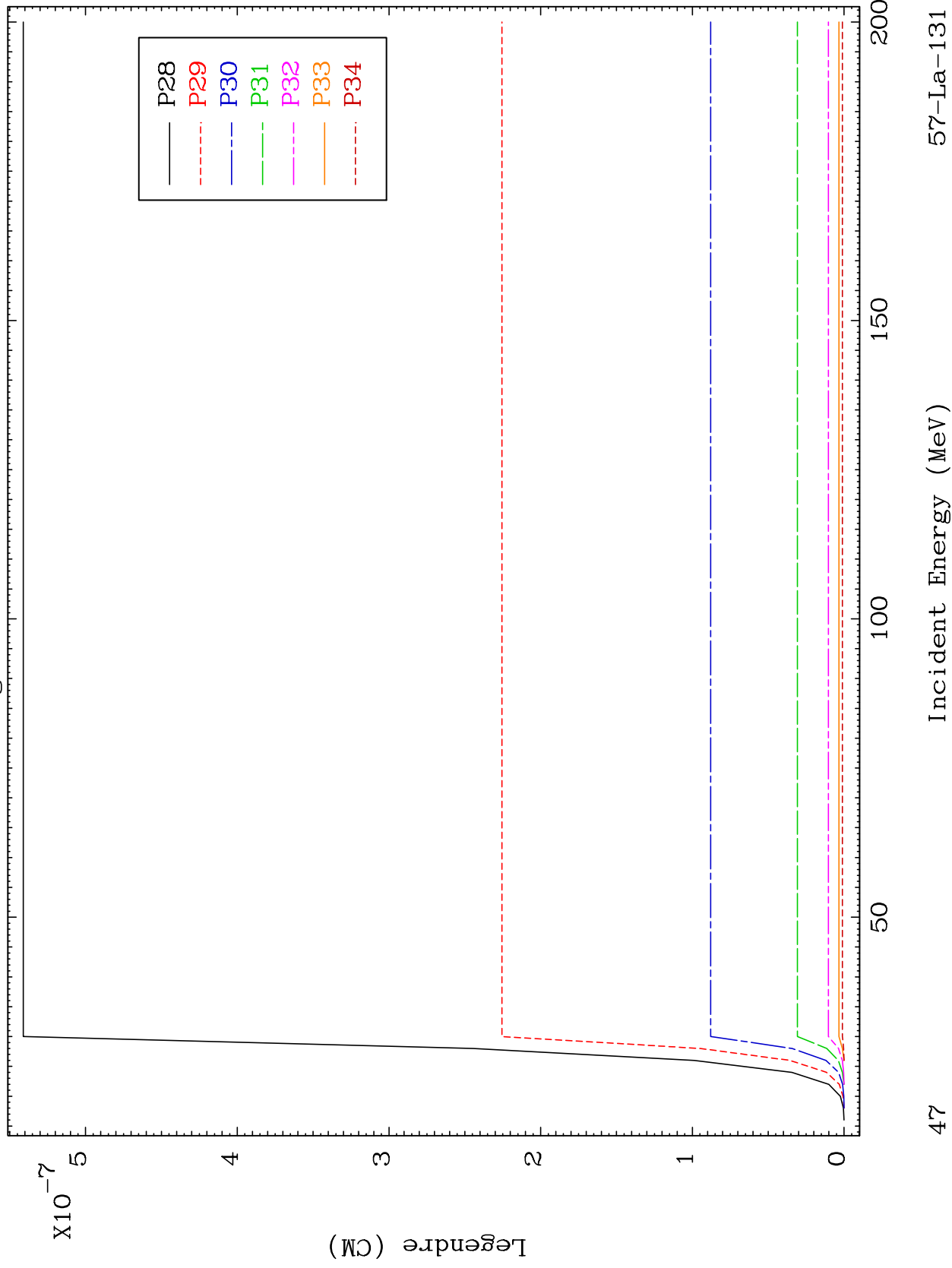
44



MAT 5704

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

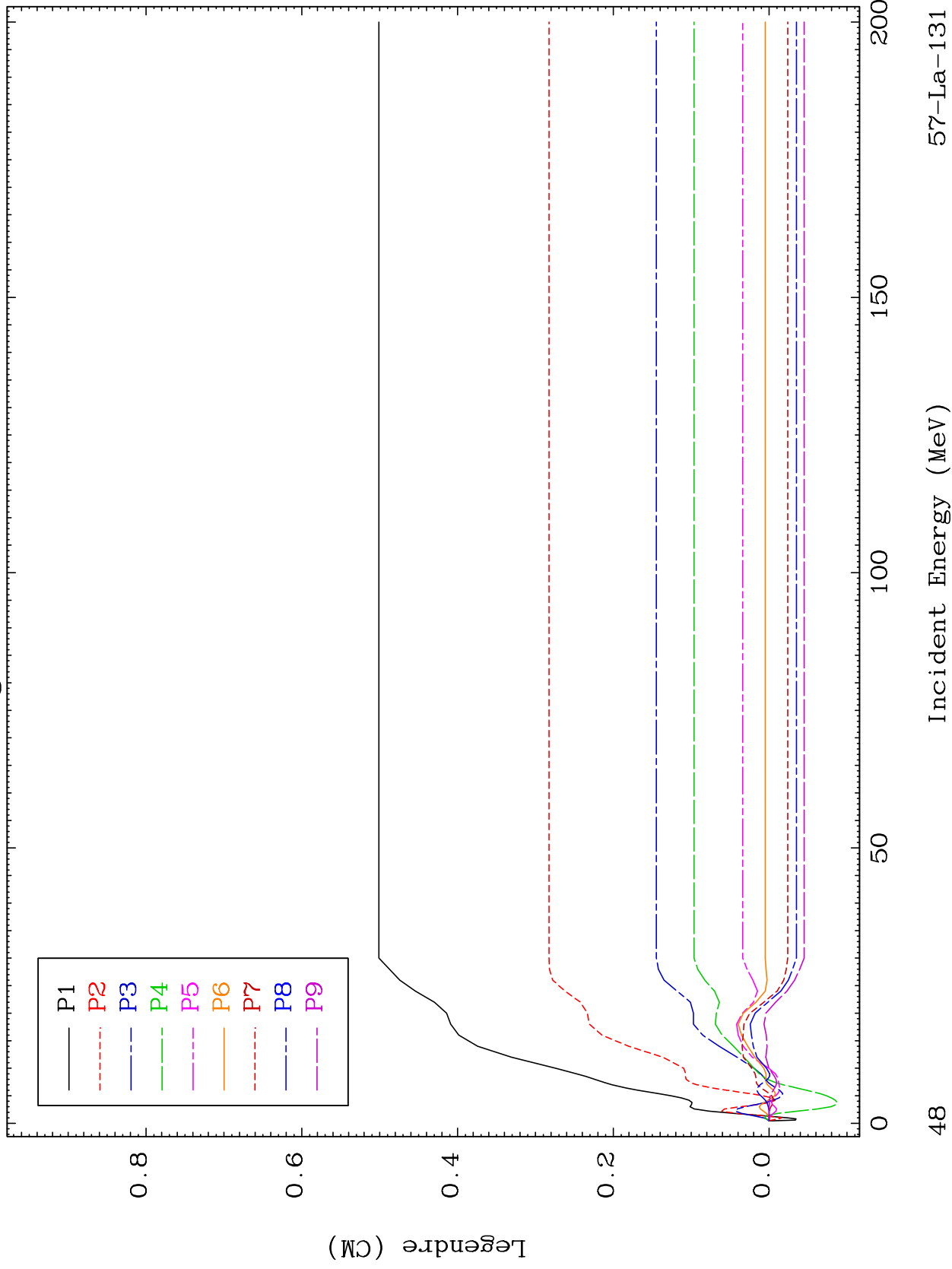
57-La-131



MAT 5704

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

57-La-131



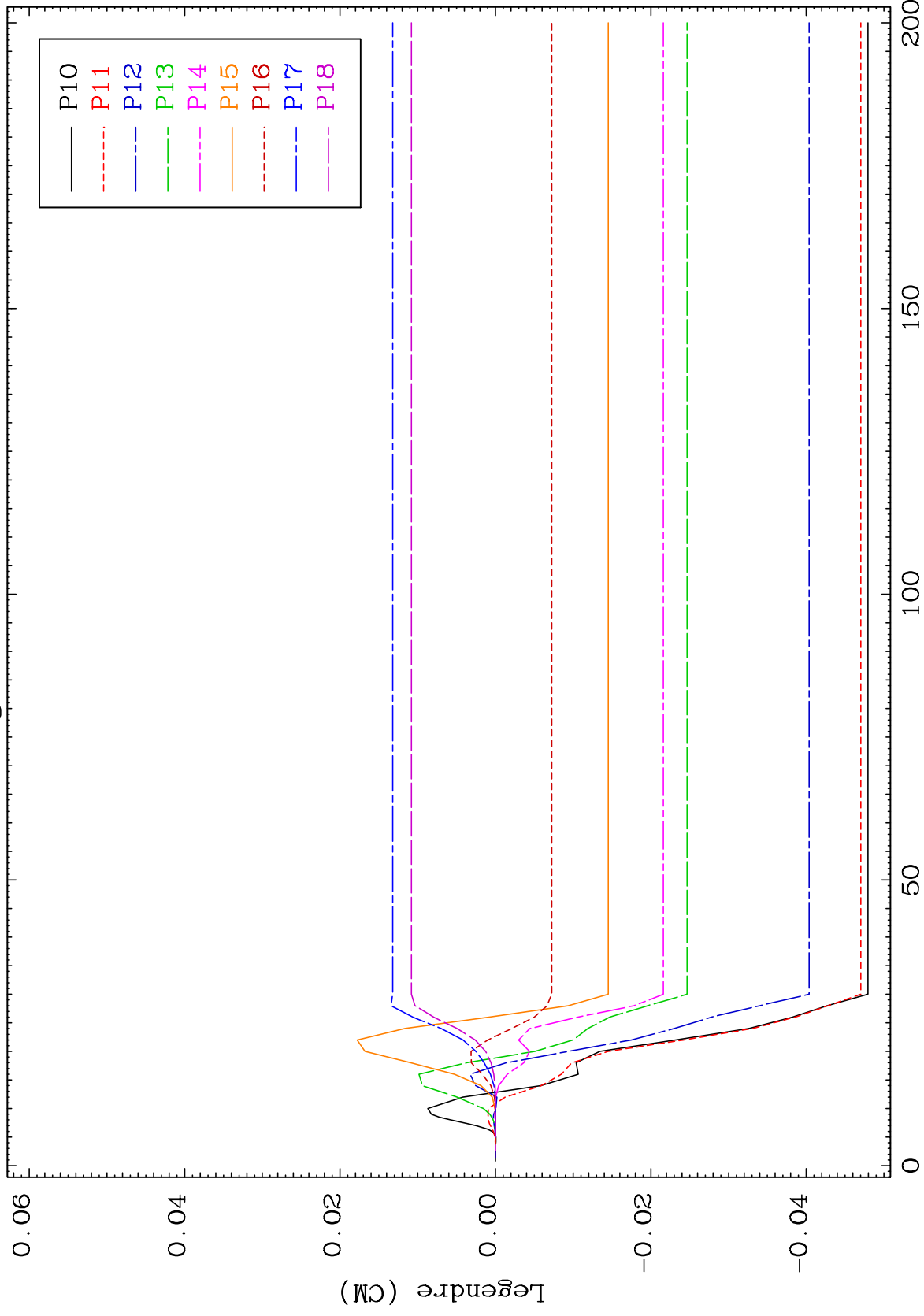
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57-La-131

MAT 5704

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

57-La-131



49

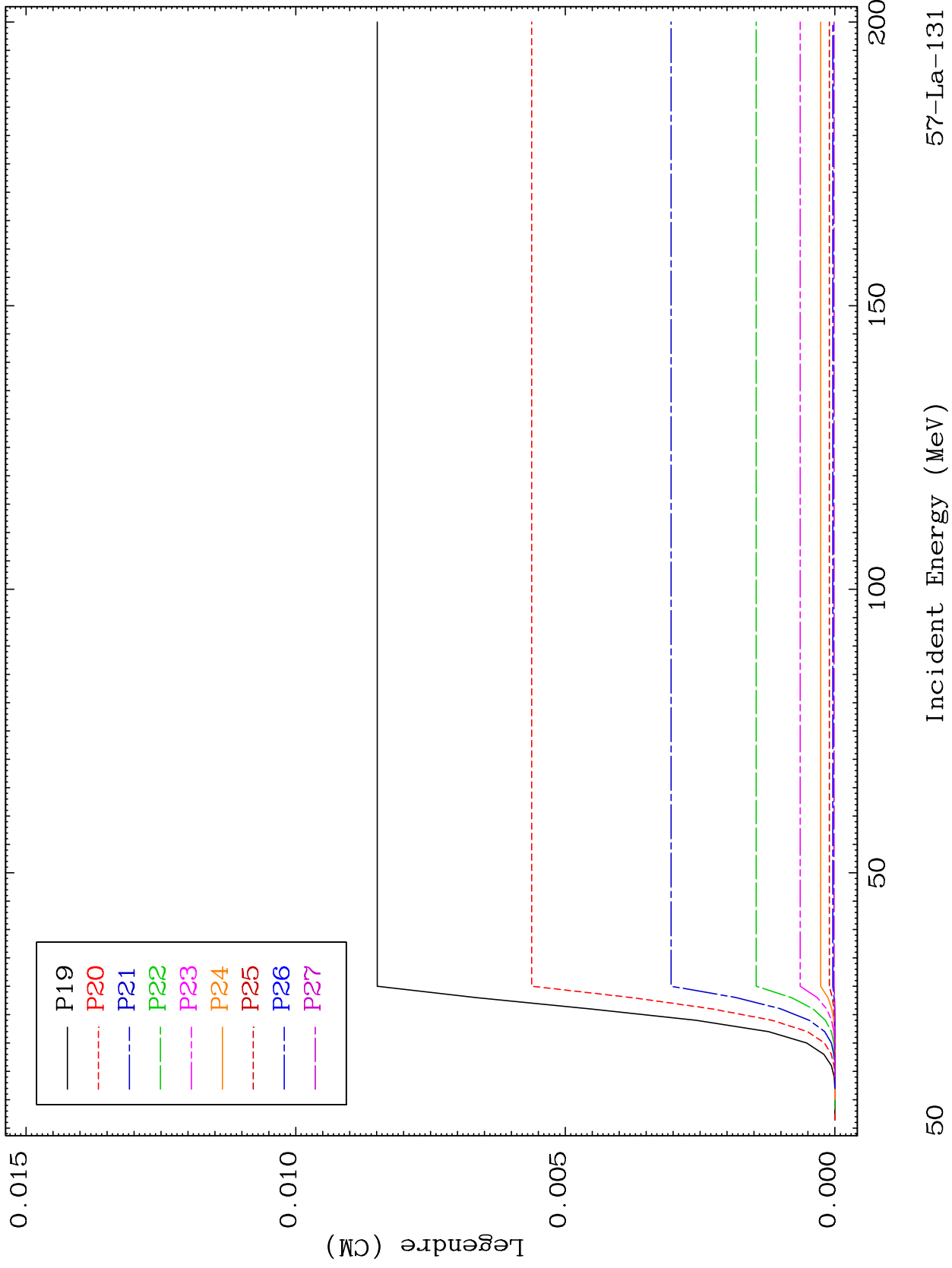
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



57-La-131

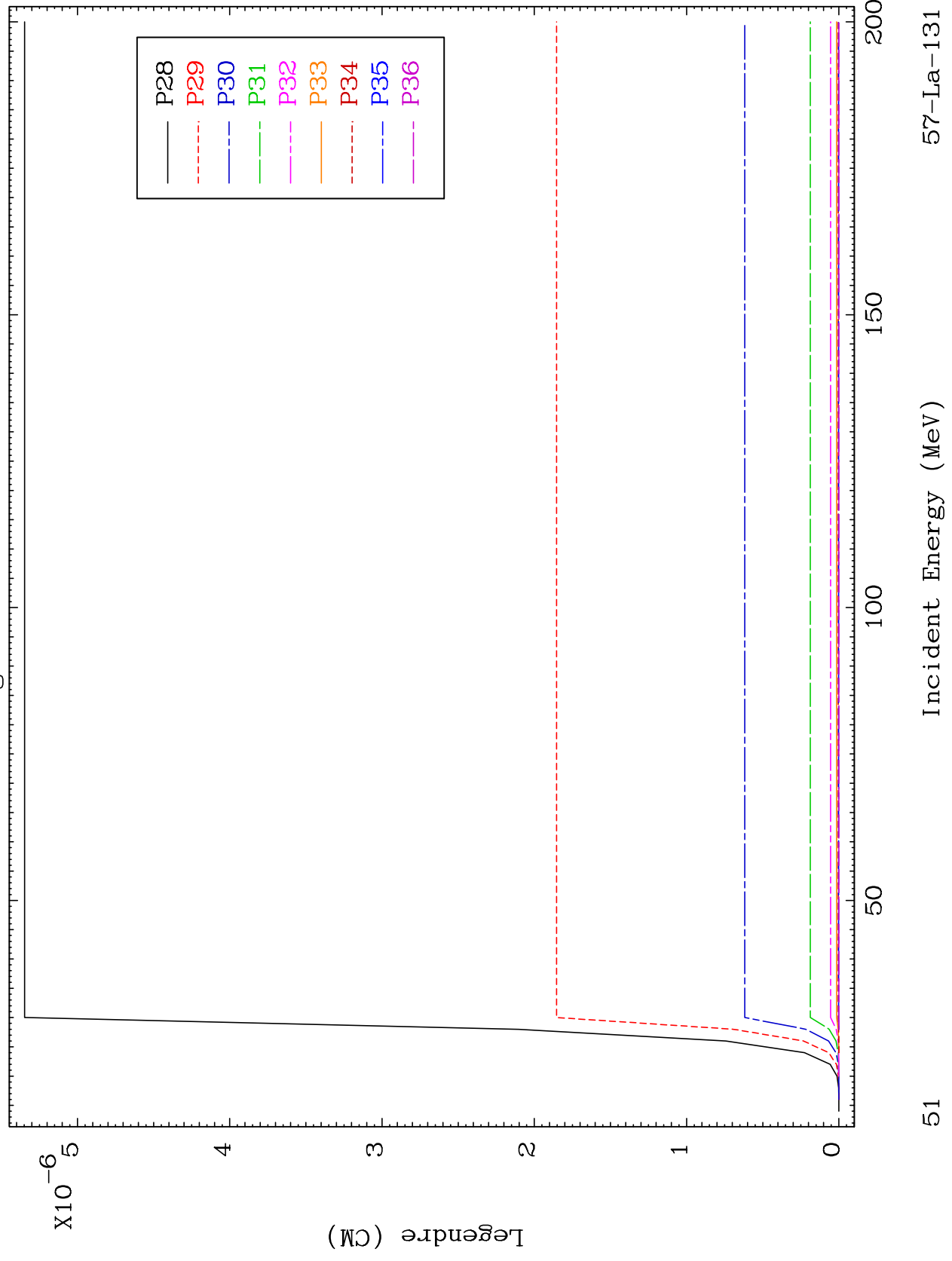
Incident Energy (MeV)

50

MAT 5704

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

57-La-131



51

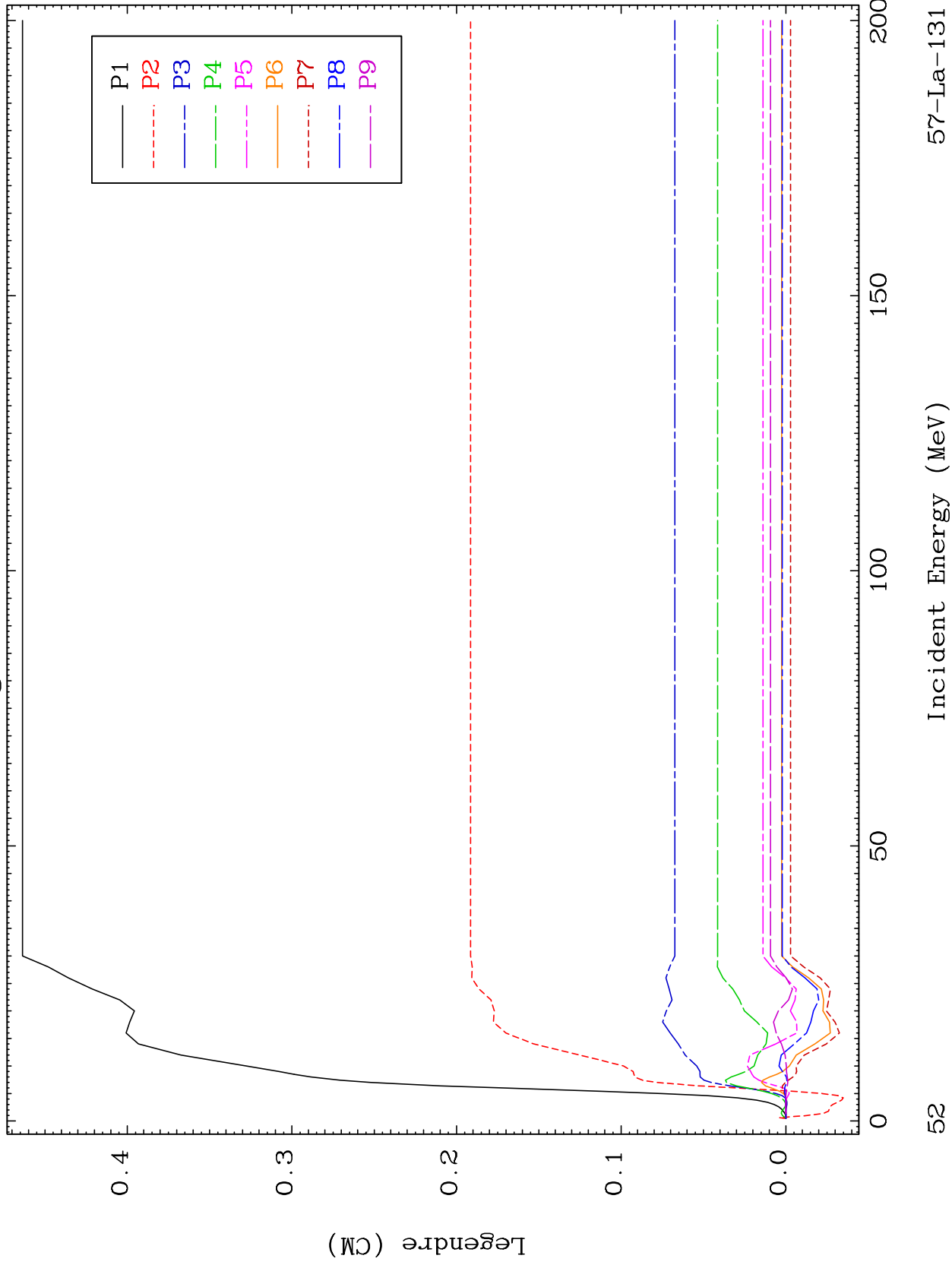
Incident Energy (MeV)

57-La-131

MAT 5704

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

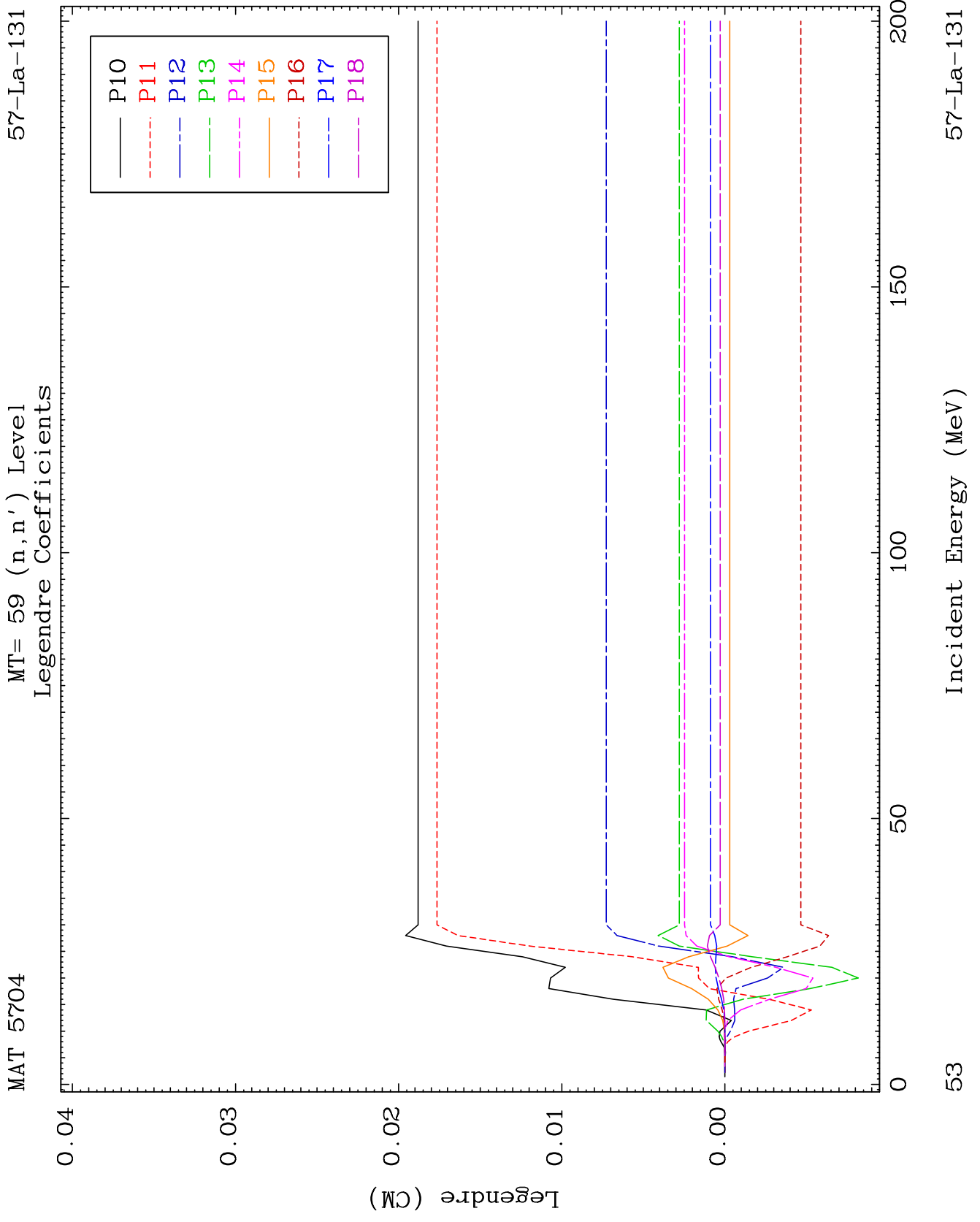
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57-La-131

Incident Energy (MeV)

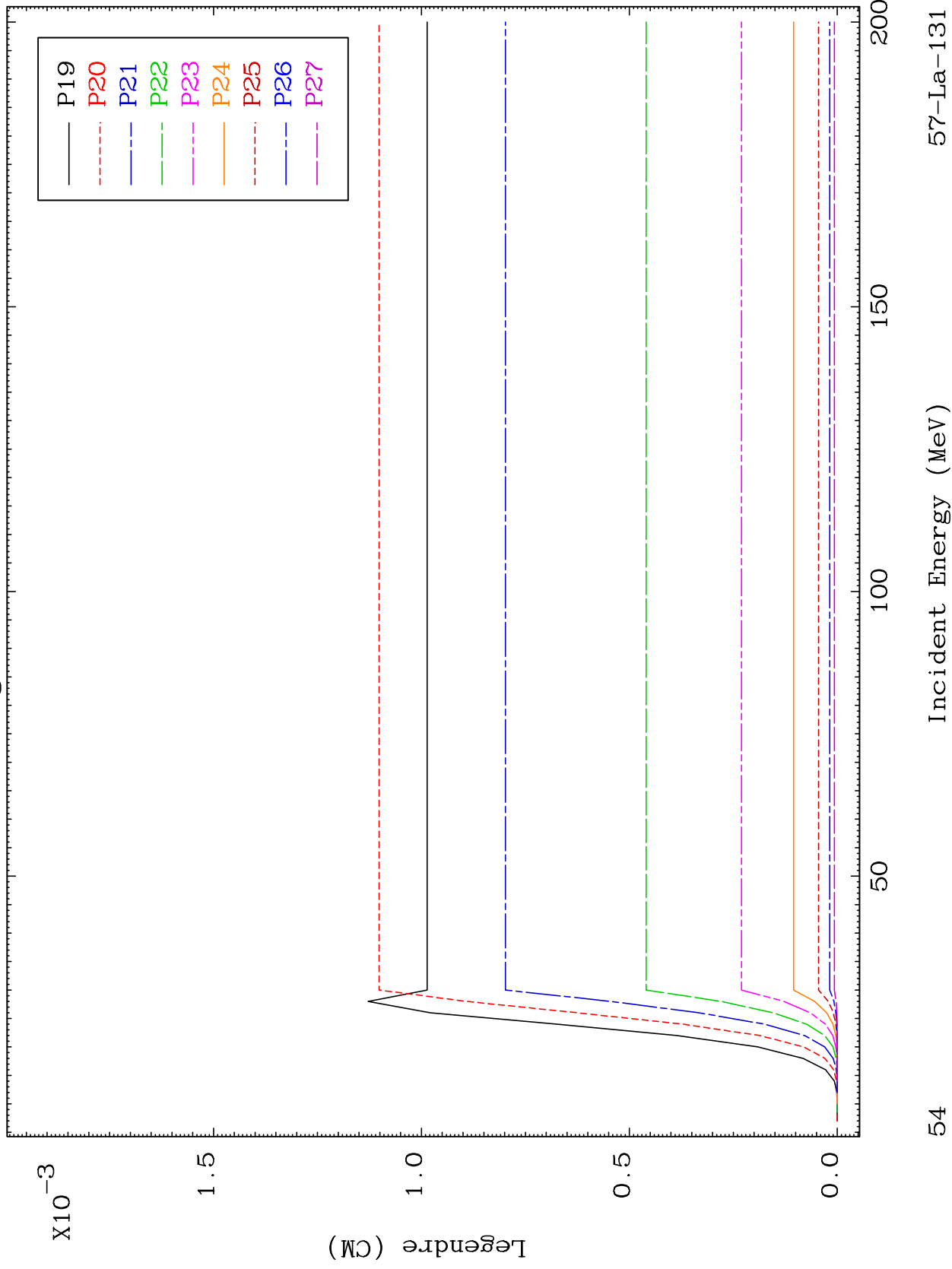
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MAT 5704

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

57-La-131



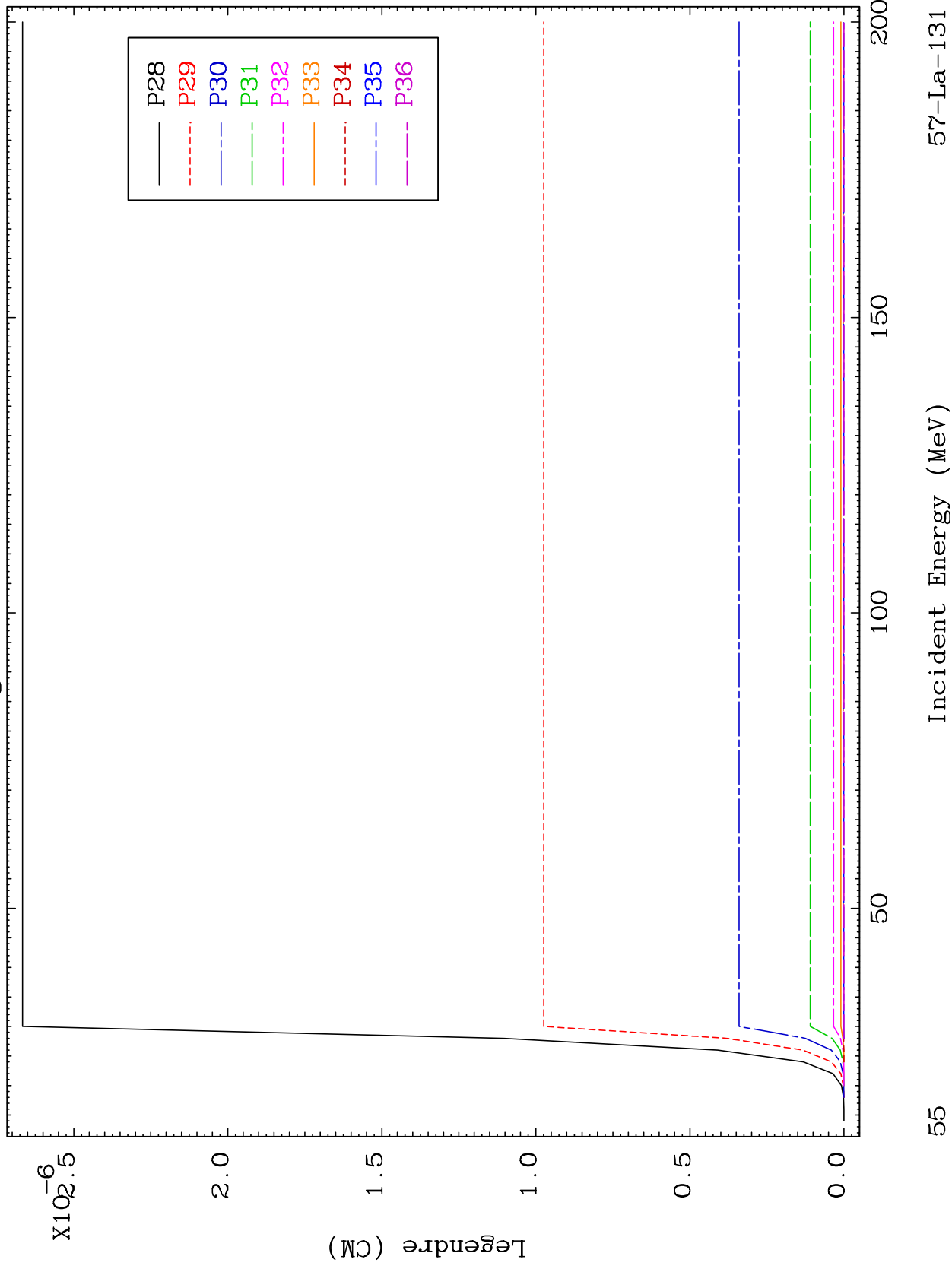
54

200

MAT 5704

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

57-La-131



55

Incident Energy (MeV)

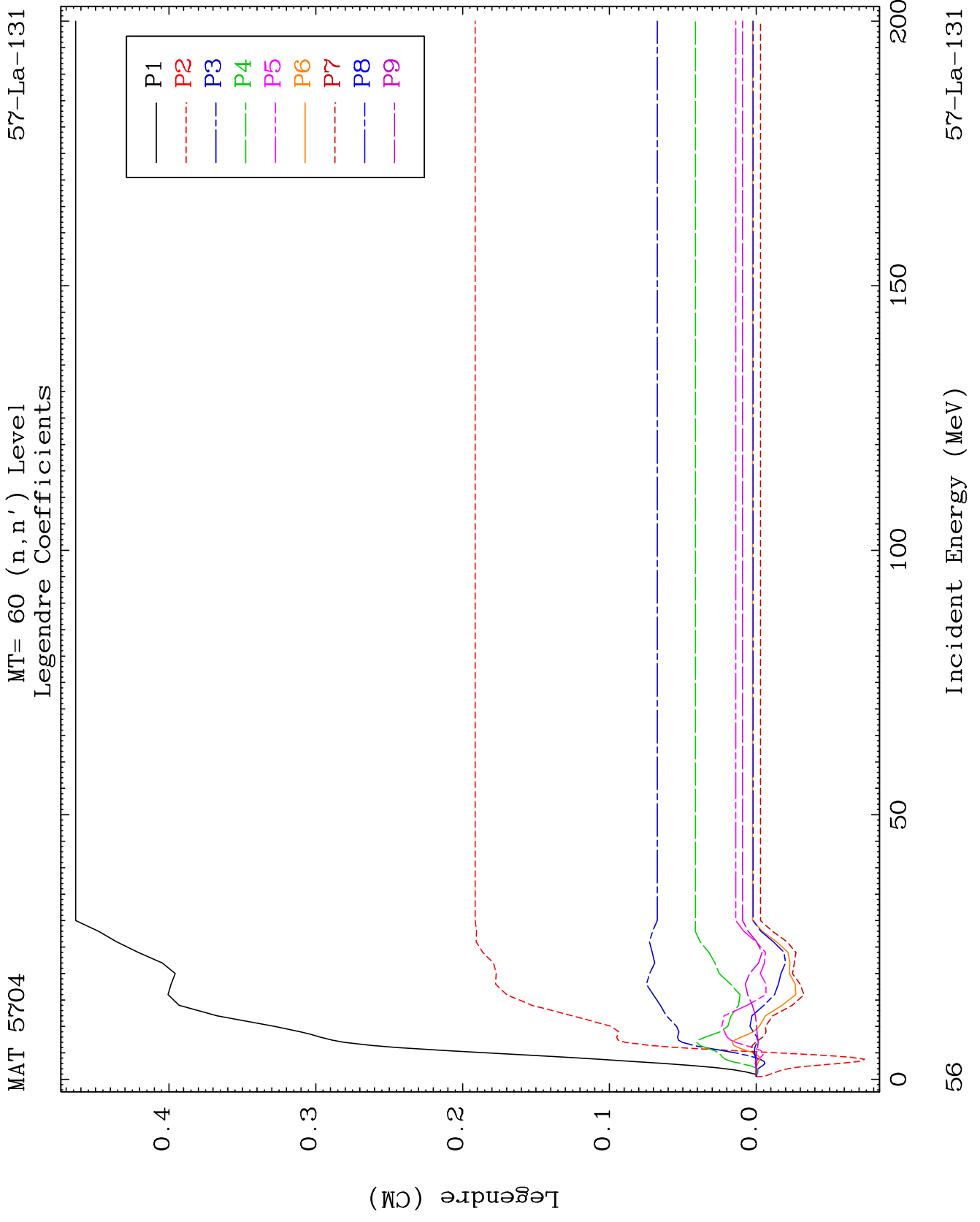
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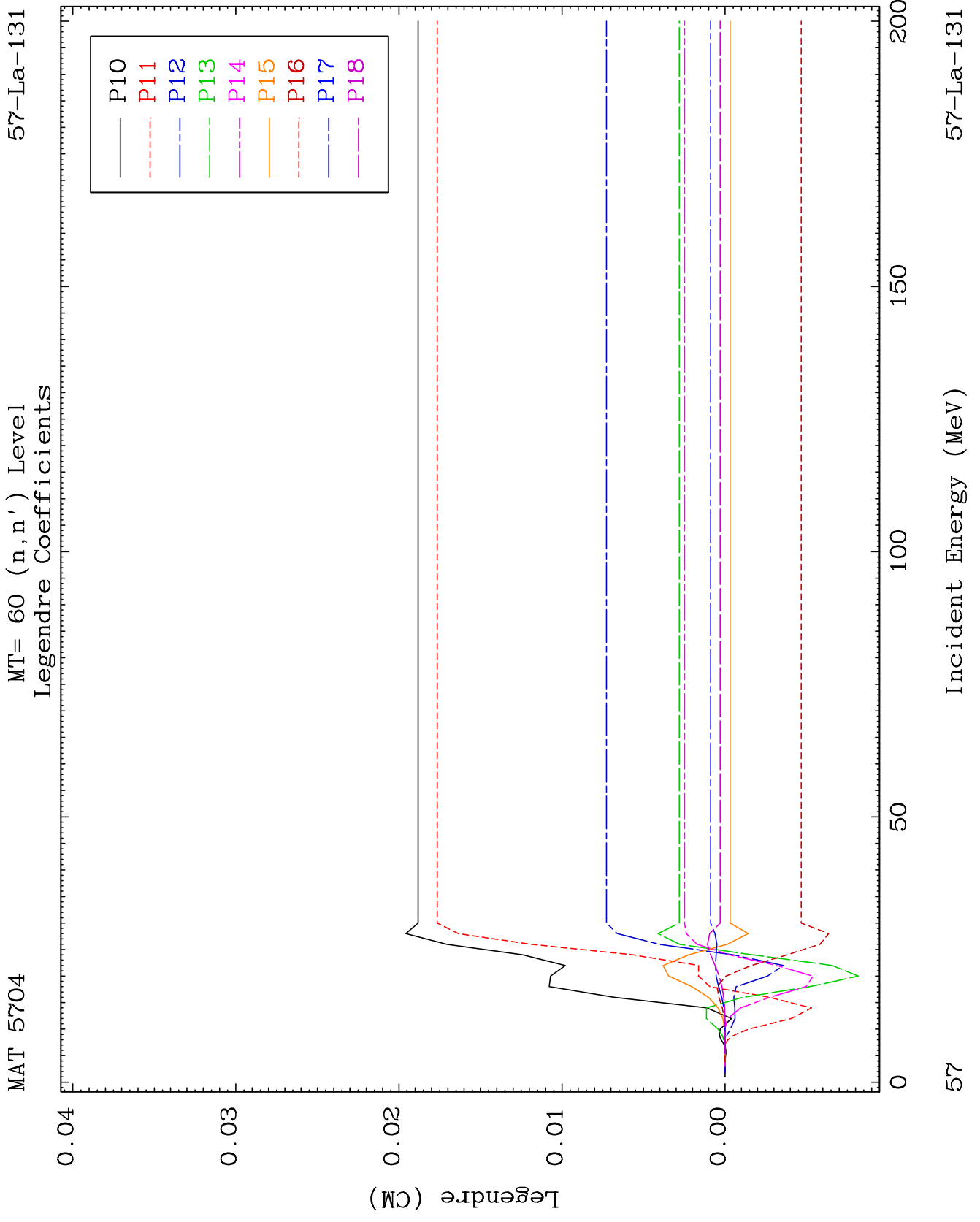
200

150

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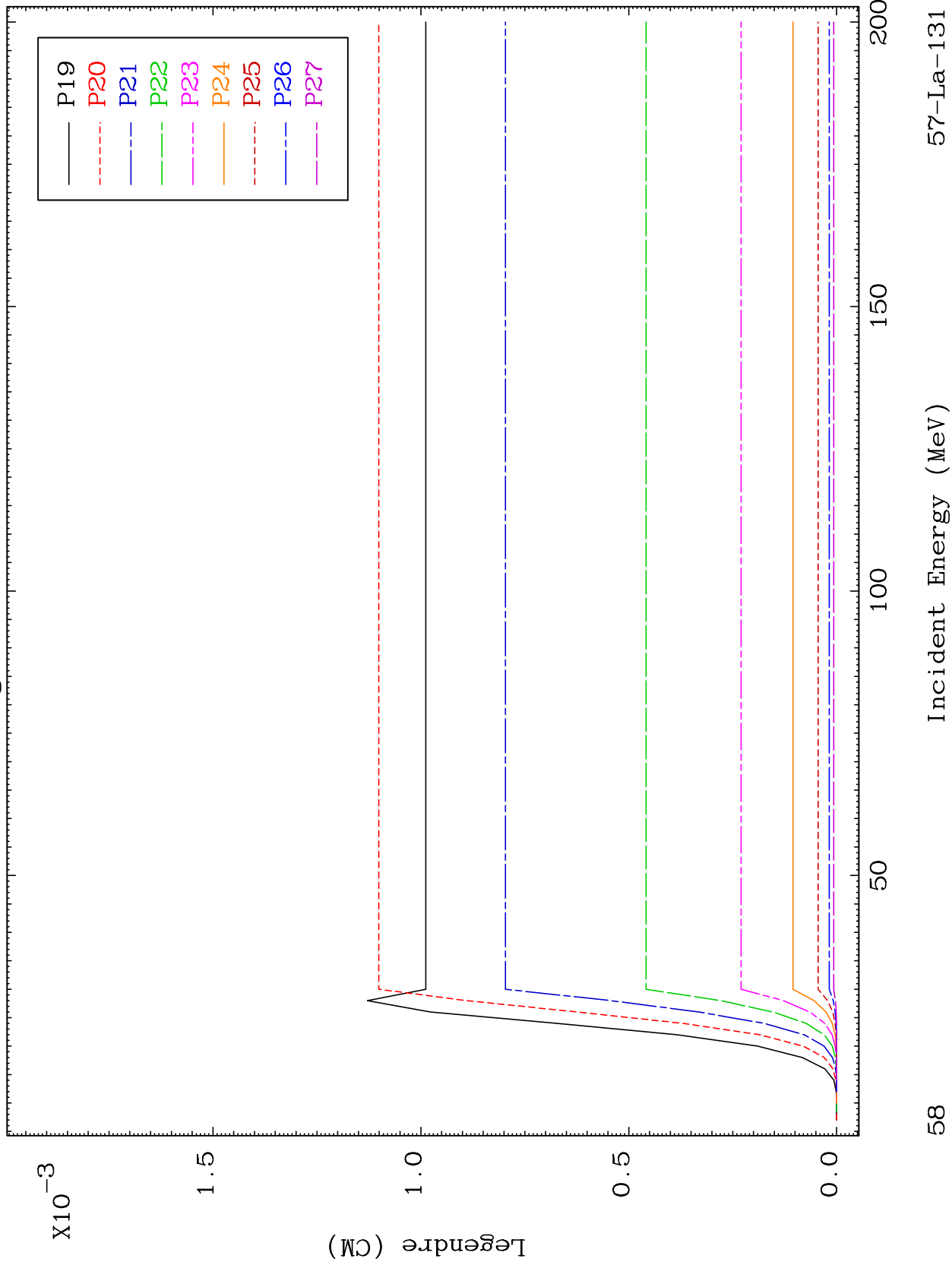




MAT 5704

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

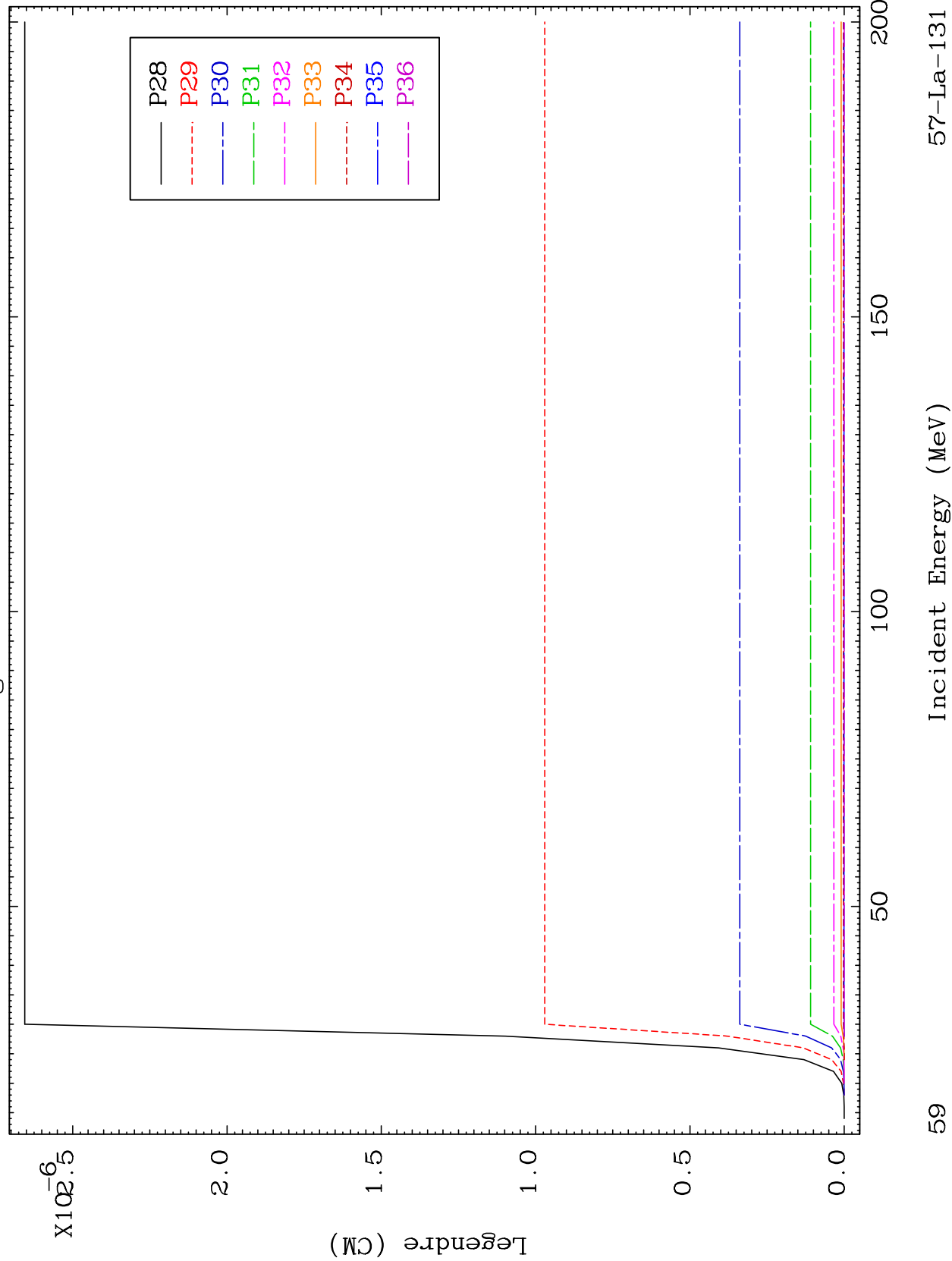
57-La-131



MAT 5704

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

57-La-131



59

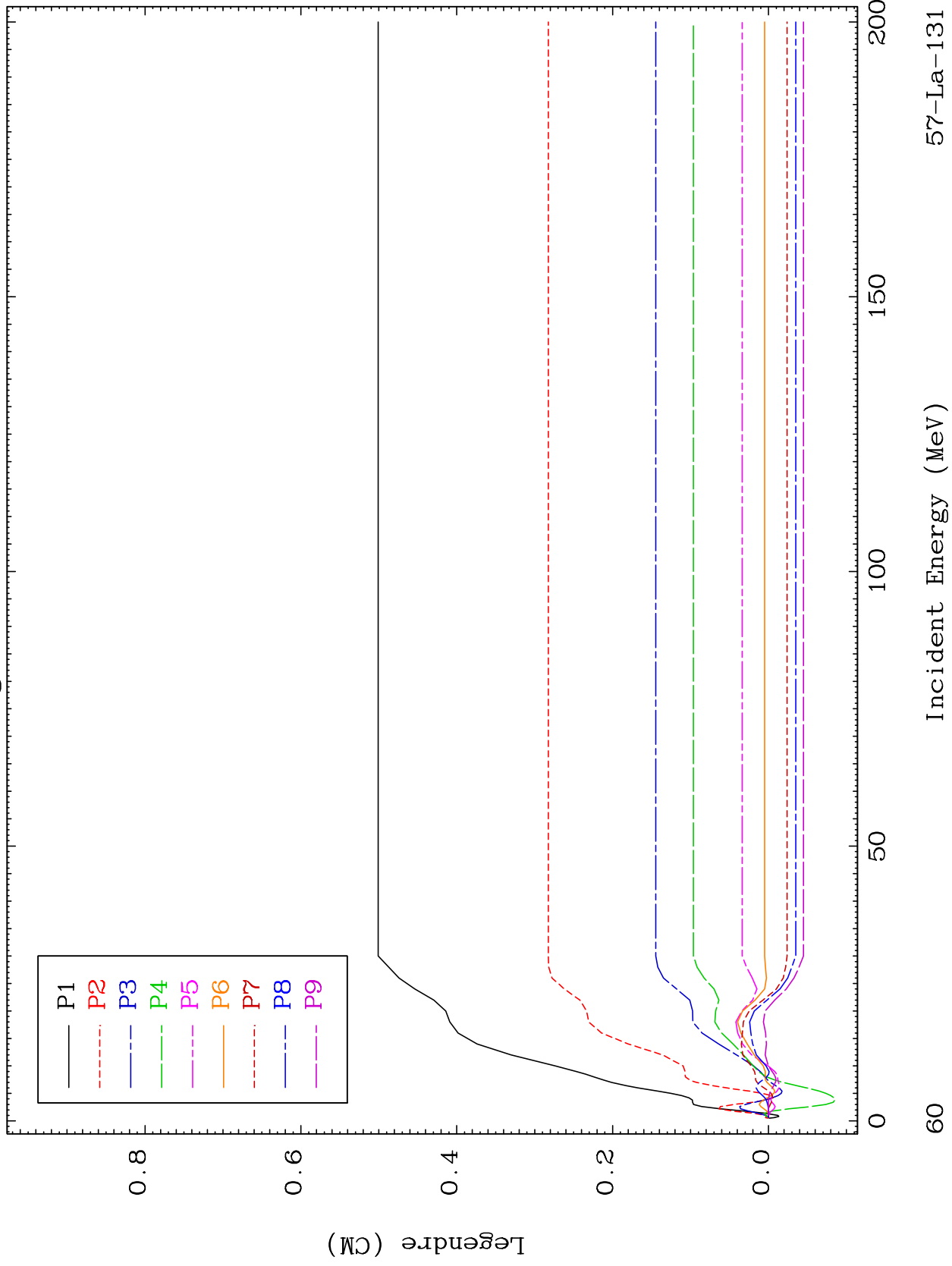
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



57-La-131

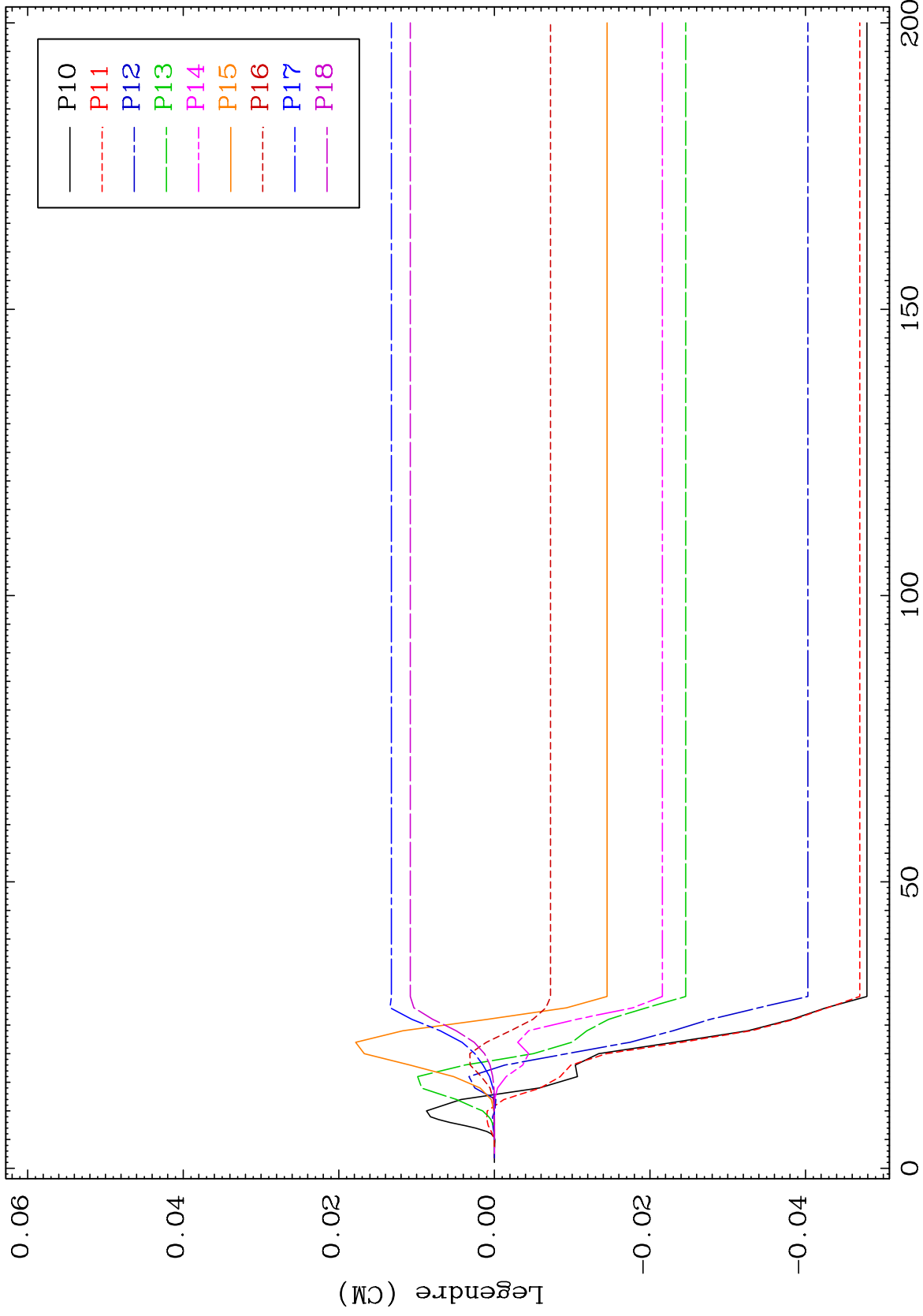
Incident Energy (MeV)

60

MAT 5704

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

57-La-131



61

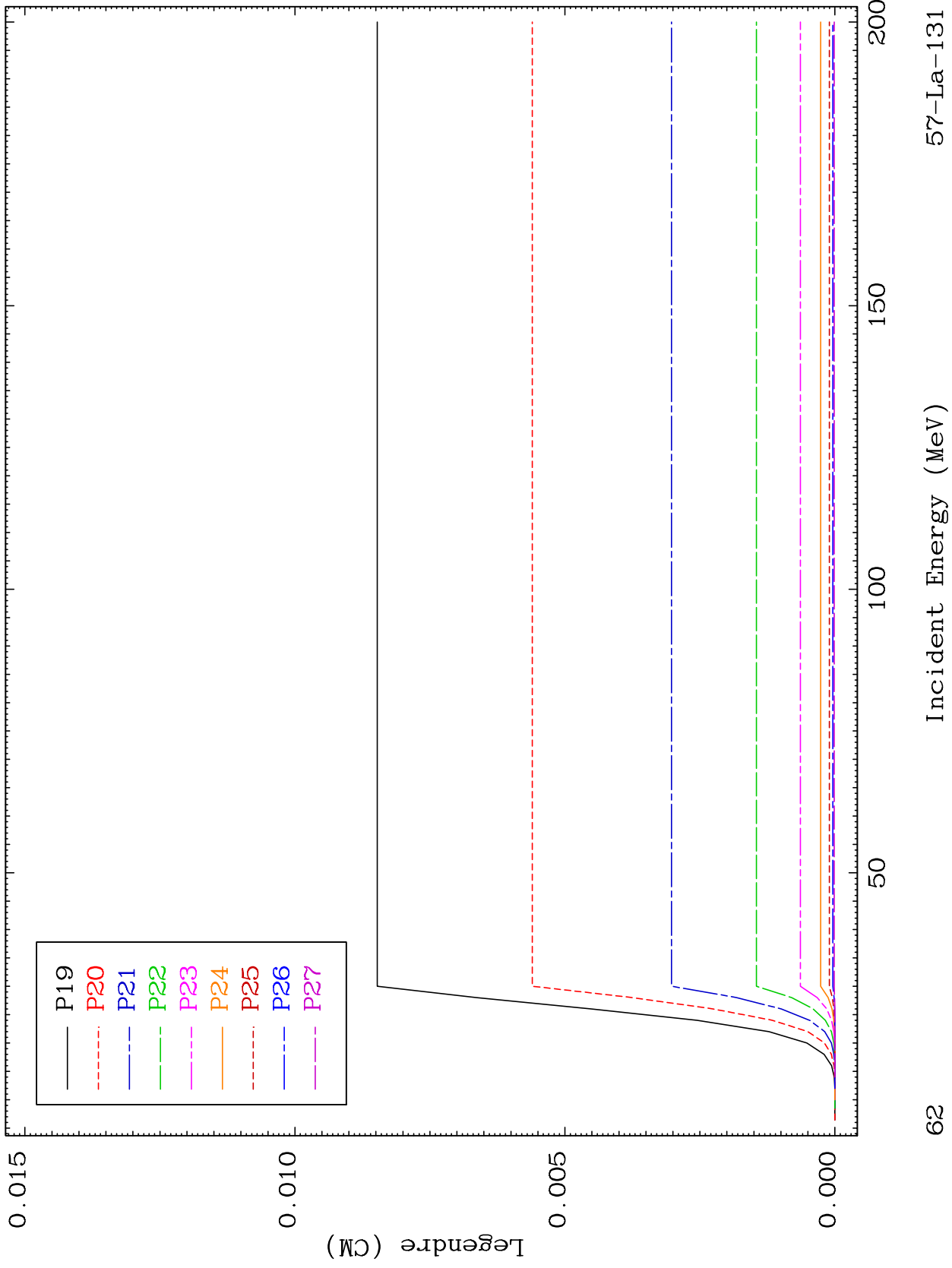
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



62

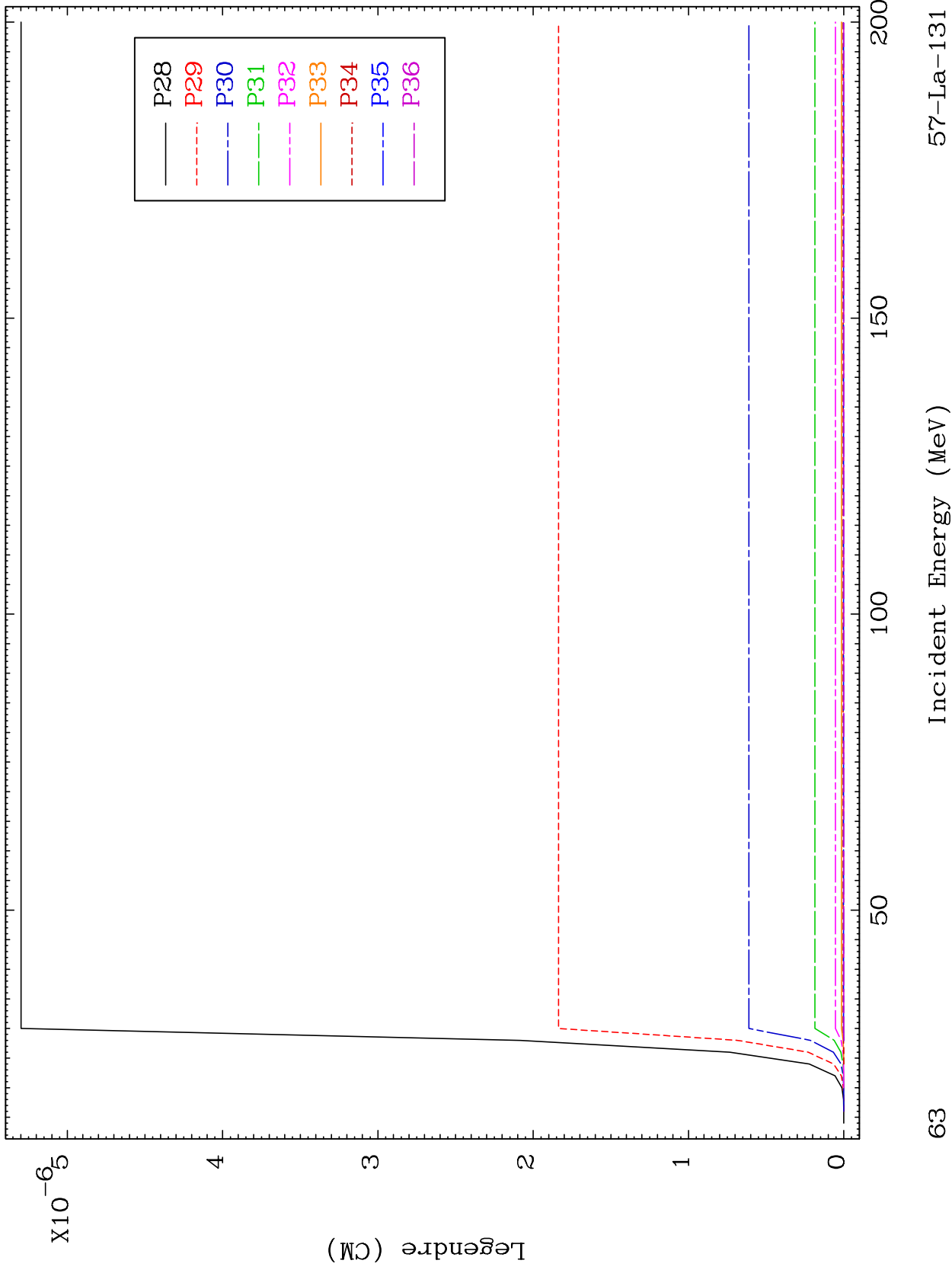
Incident Energy (MeV)

57-La-131

MAT 5704

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

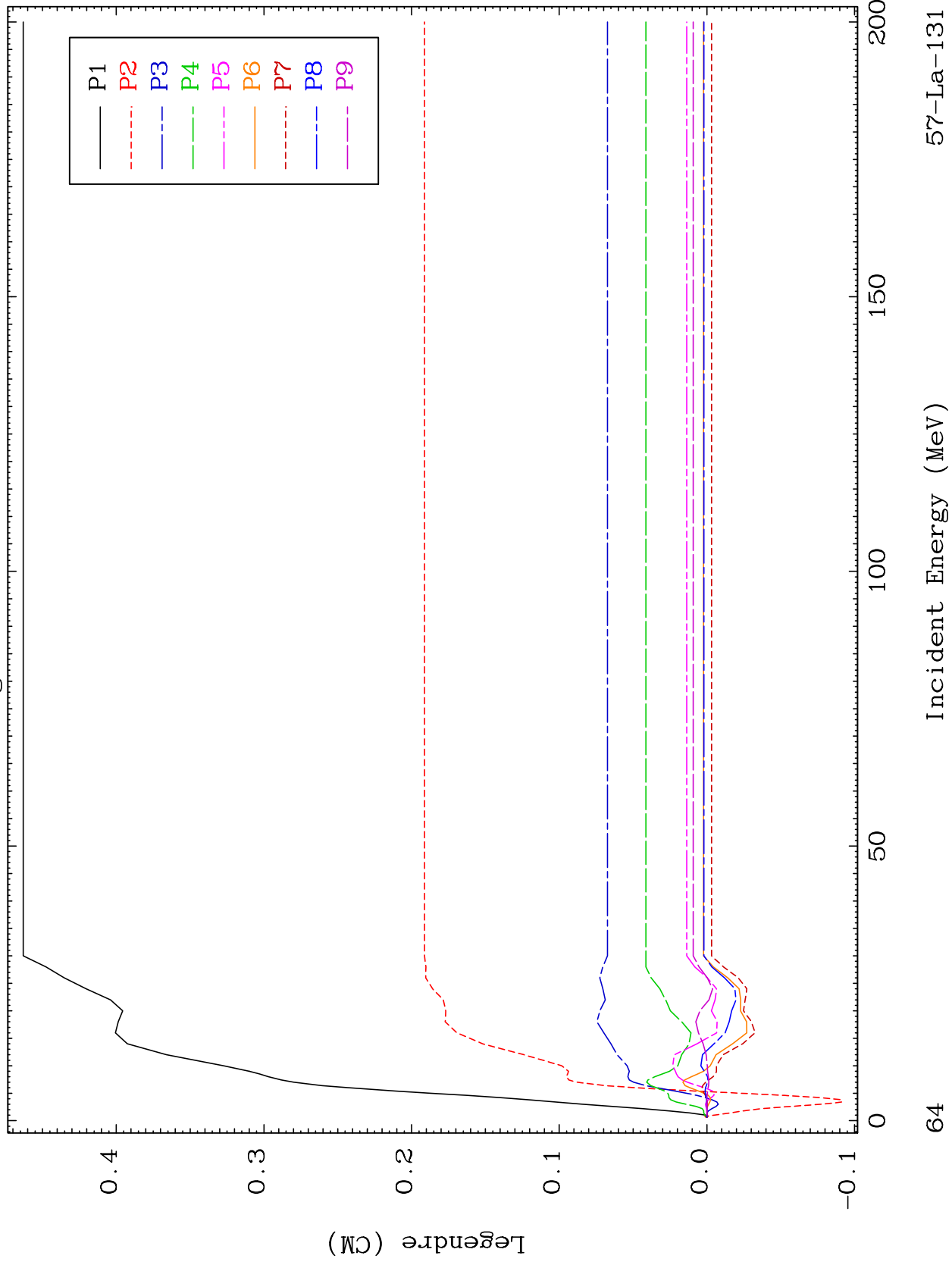
57-La-131



MAT 5704

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

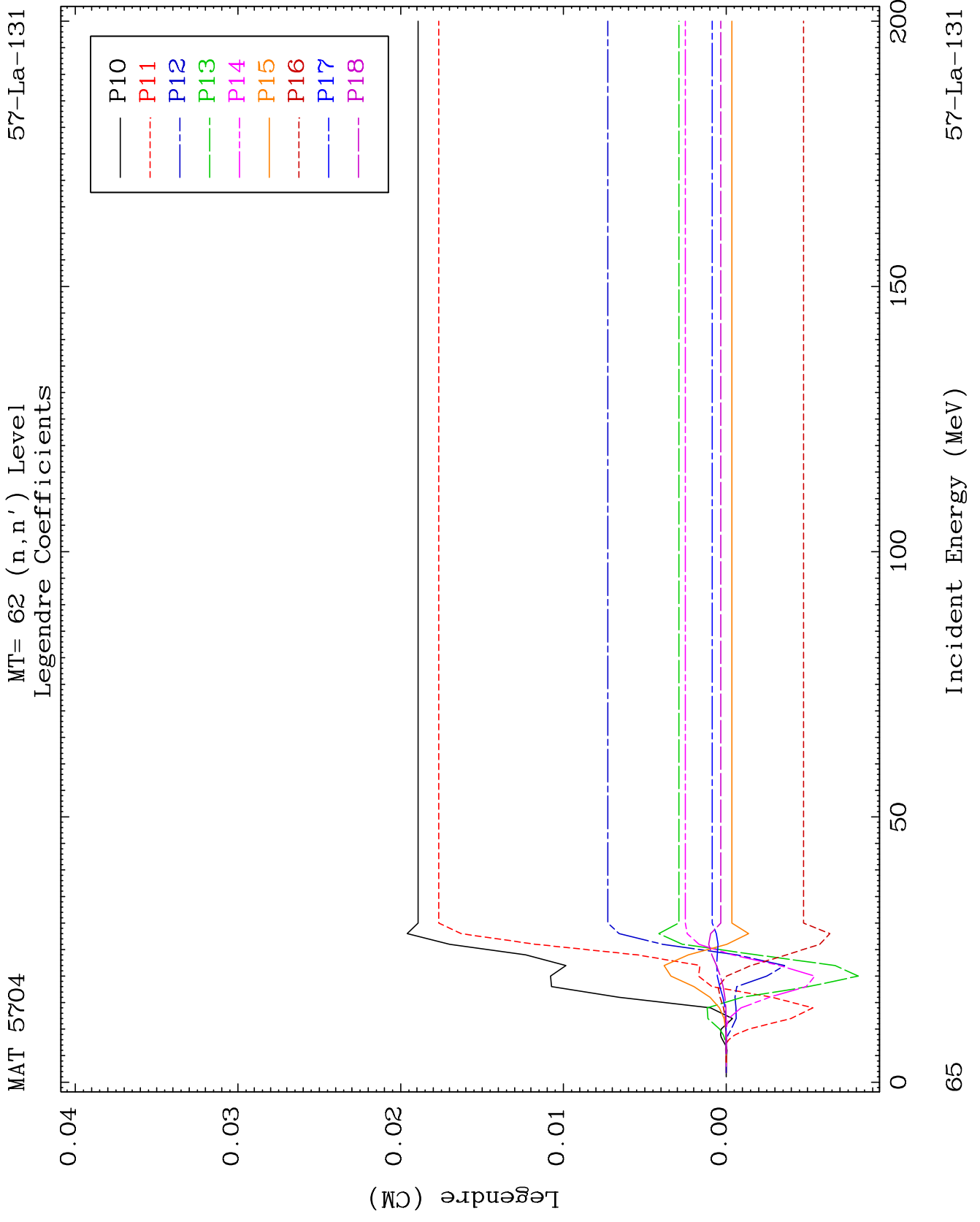
57-La-131



57-La-131

Incident Energy (MeV)

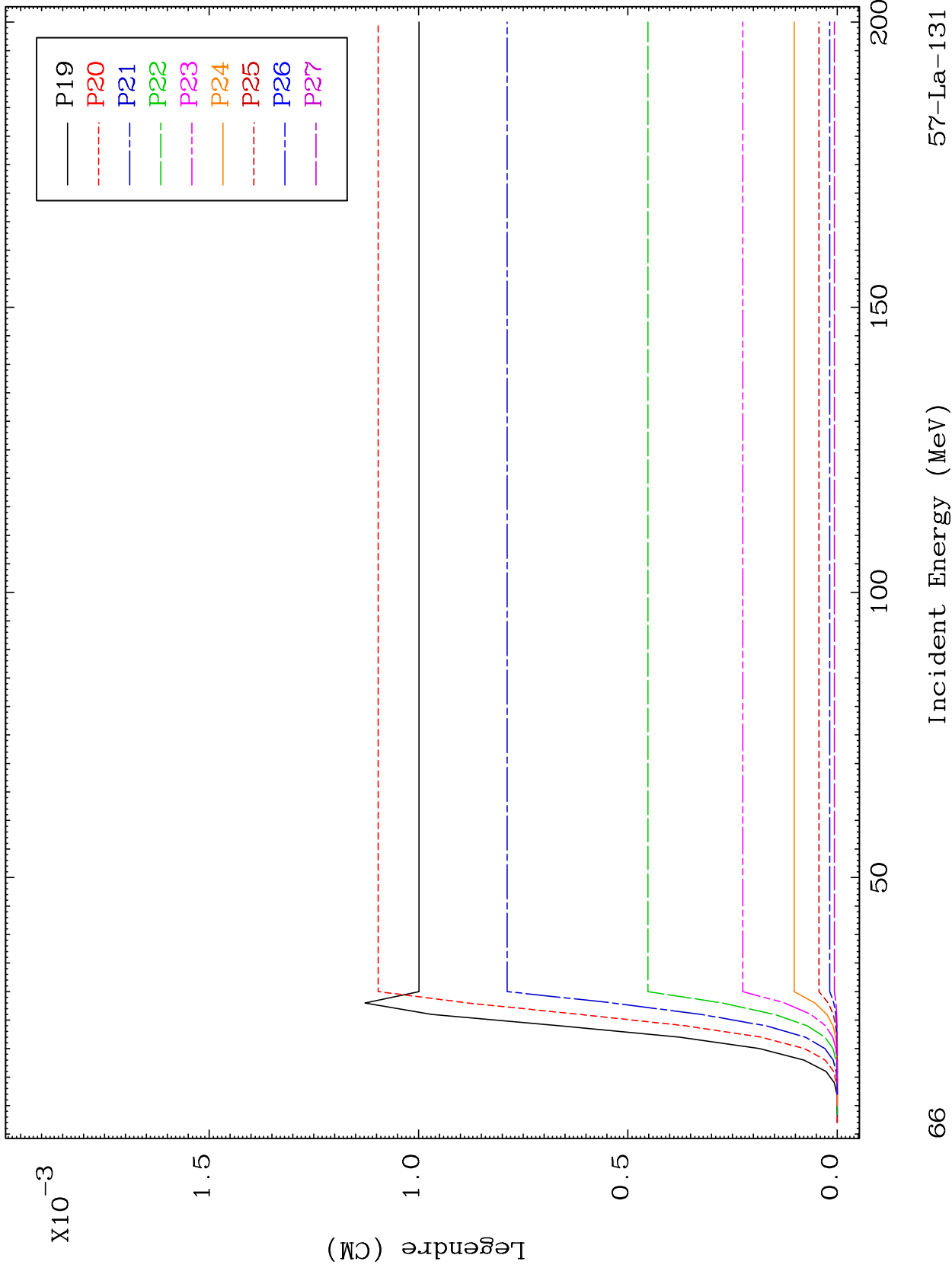
64



MAT 5704

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

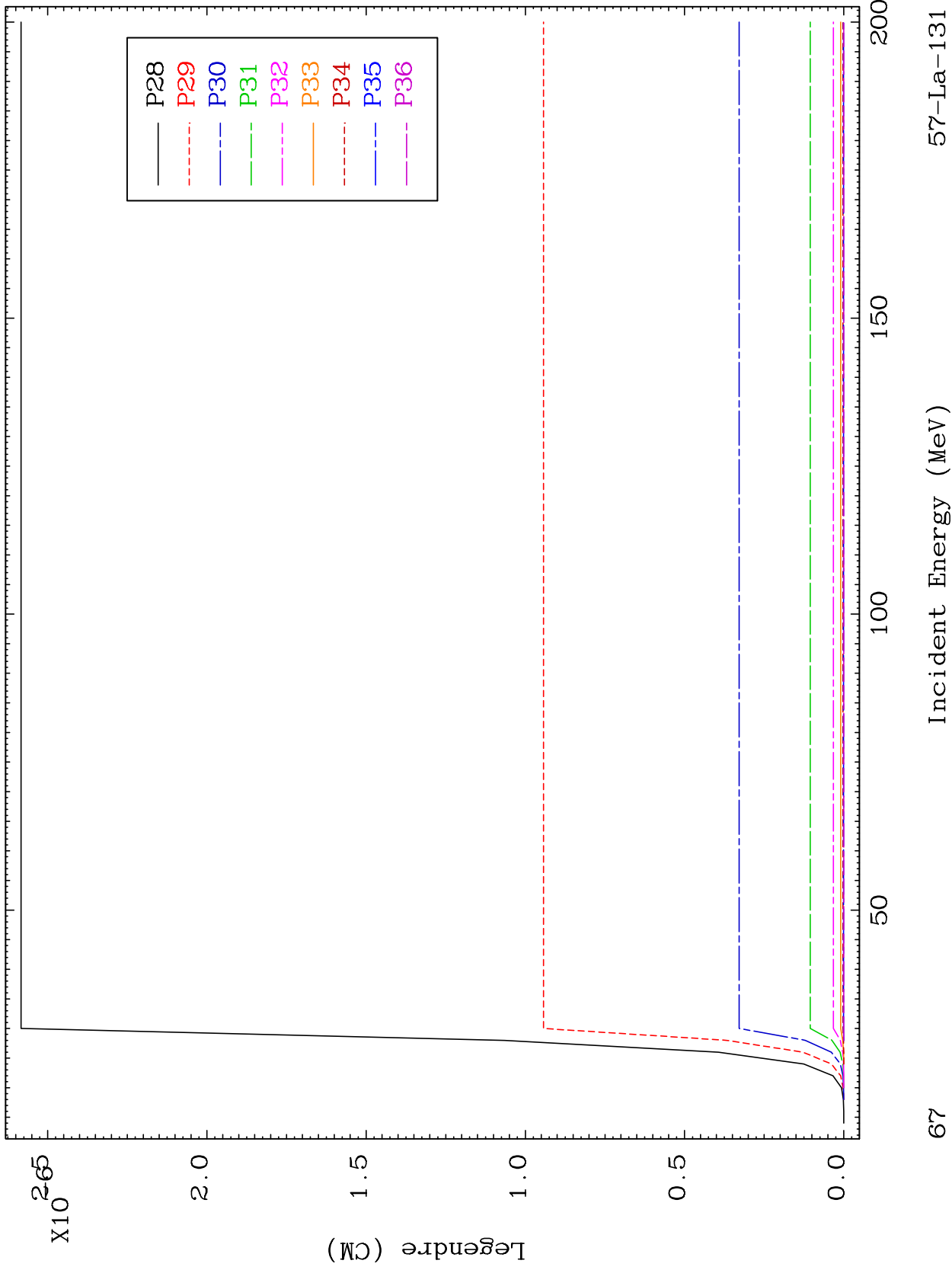
57-La-131



MAT 5704

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

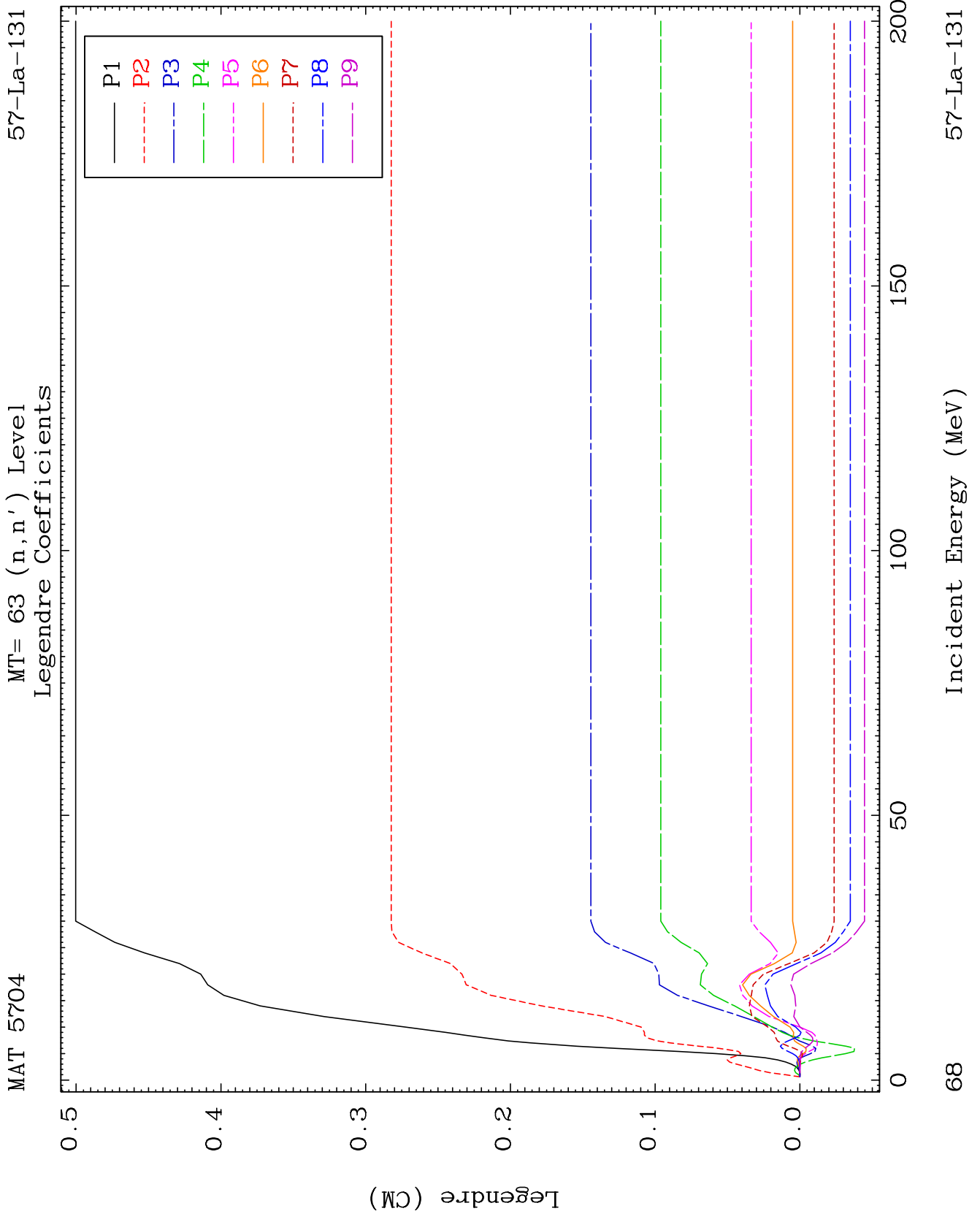
57-La-131



67

Incident Energy (MeV)

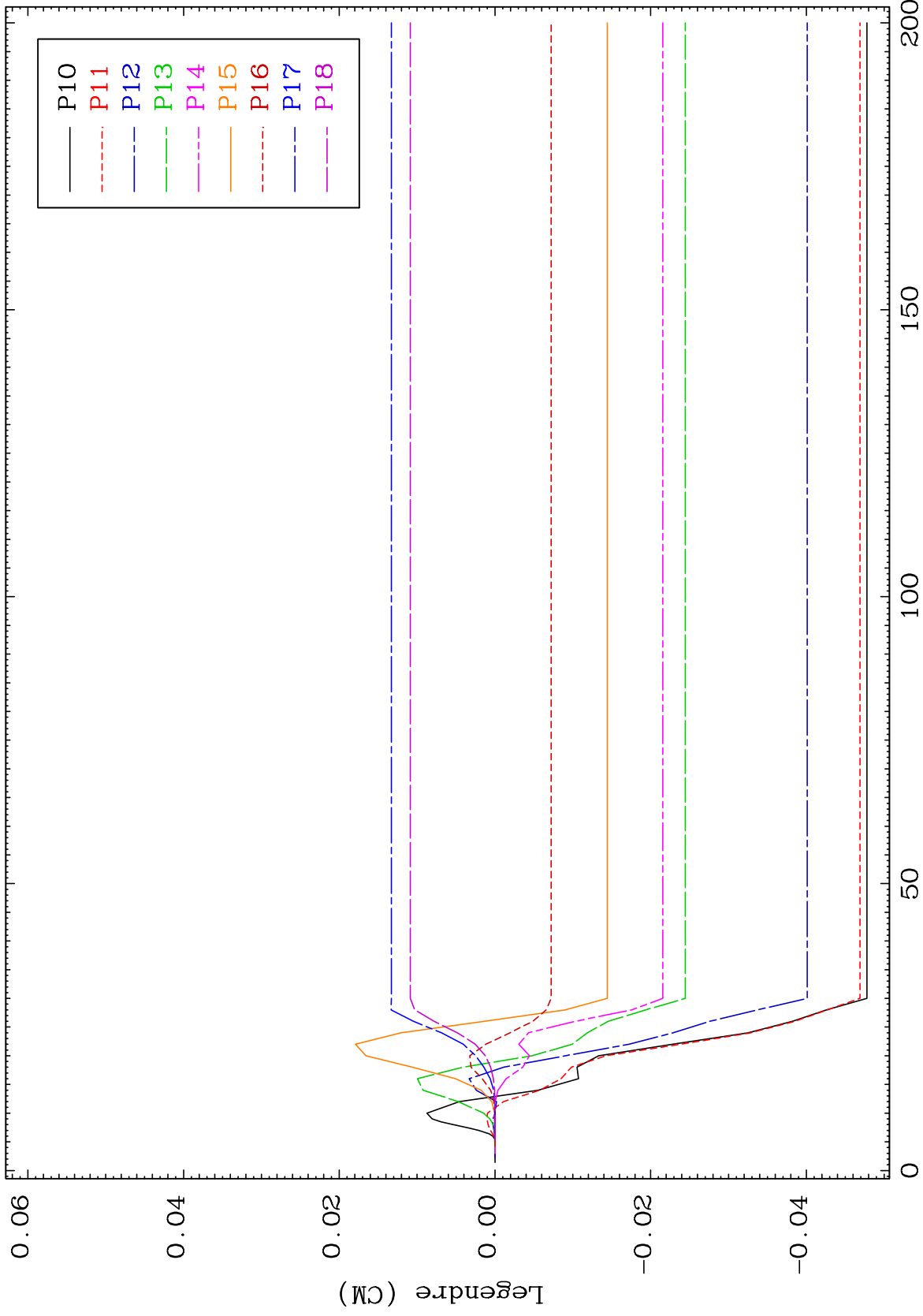
57-La-131



MAT 5704

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

57-La-131



69

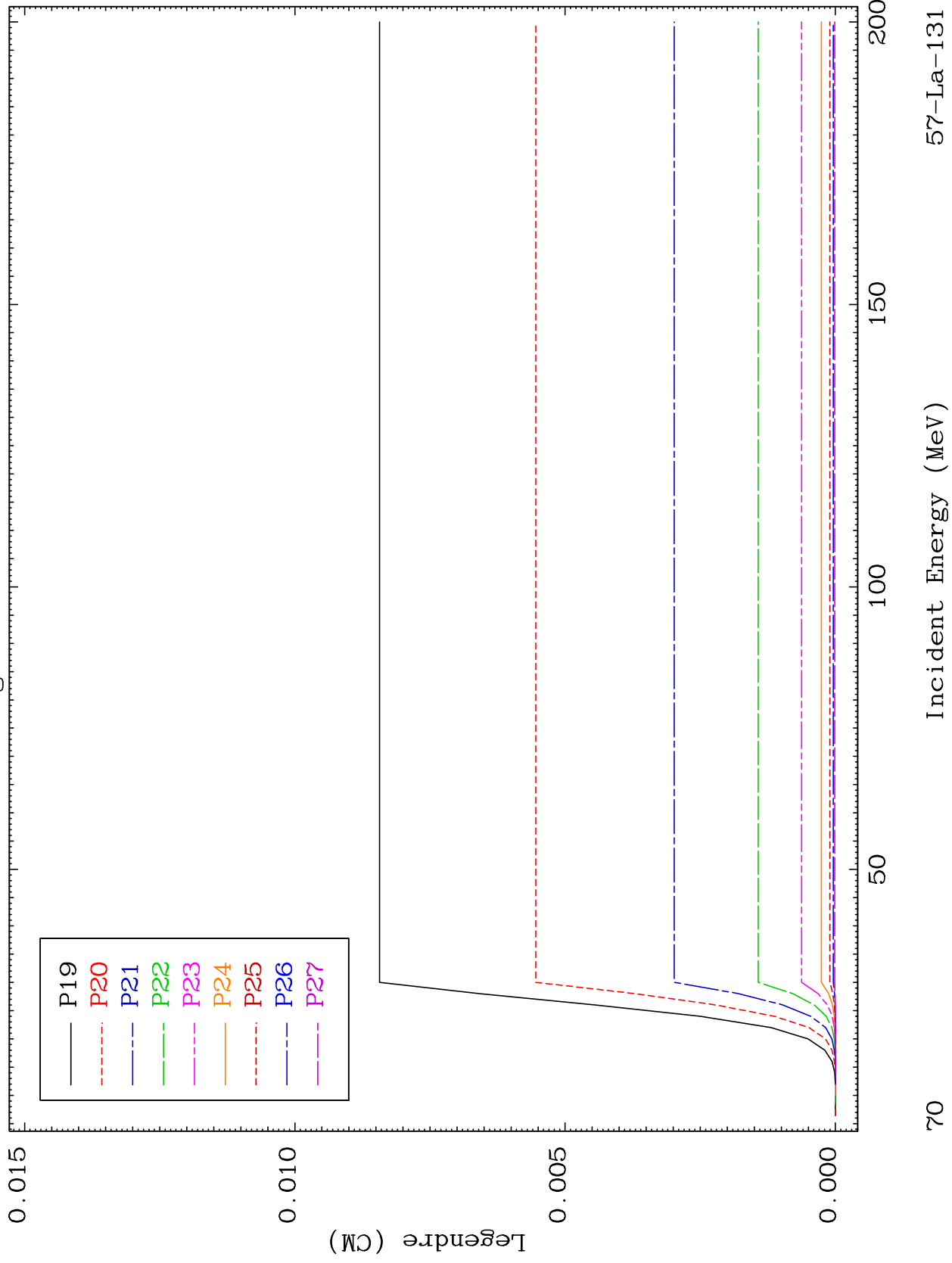
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



70

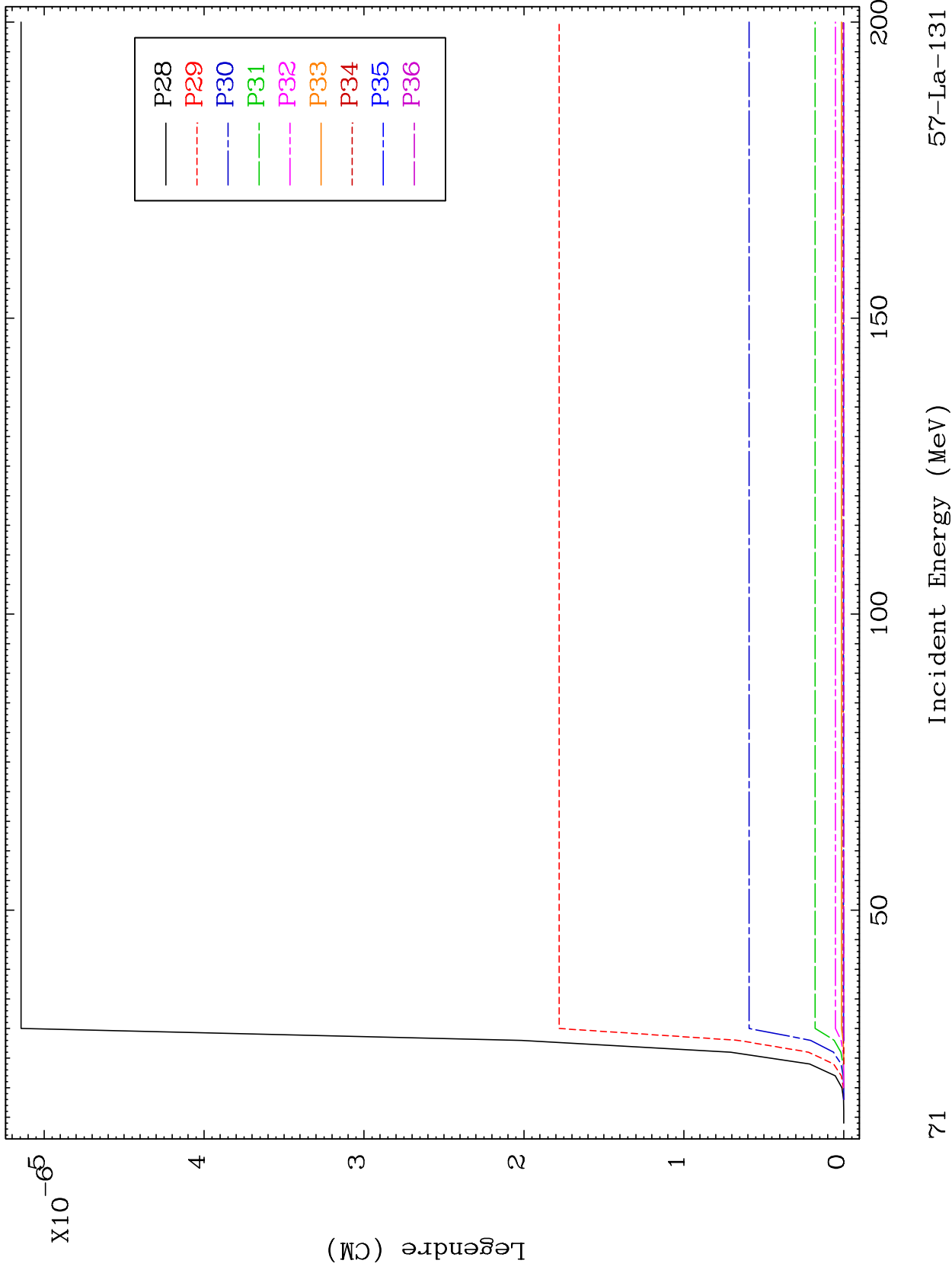
Incident Energy (MeV)

57-La-131

MAT 5704

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

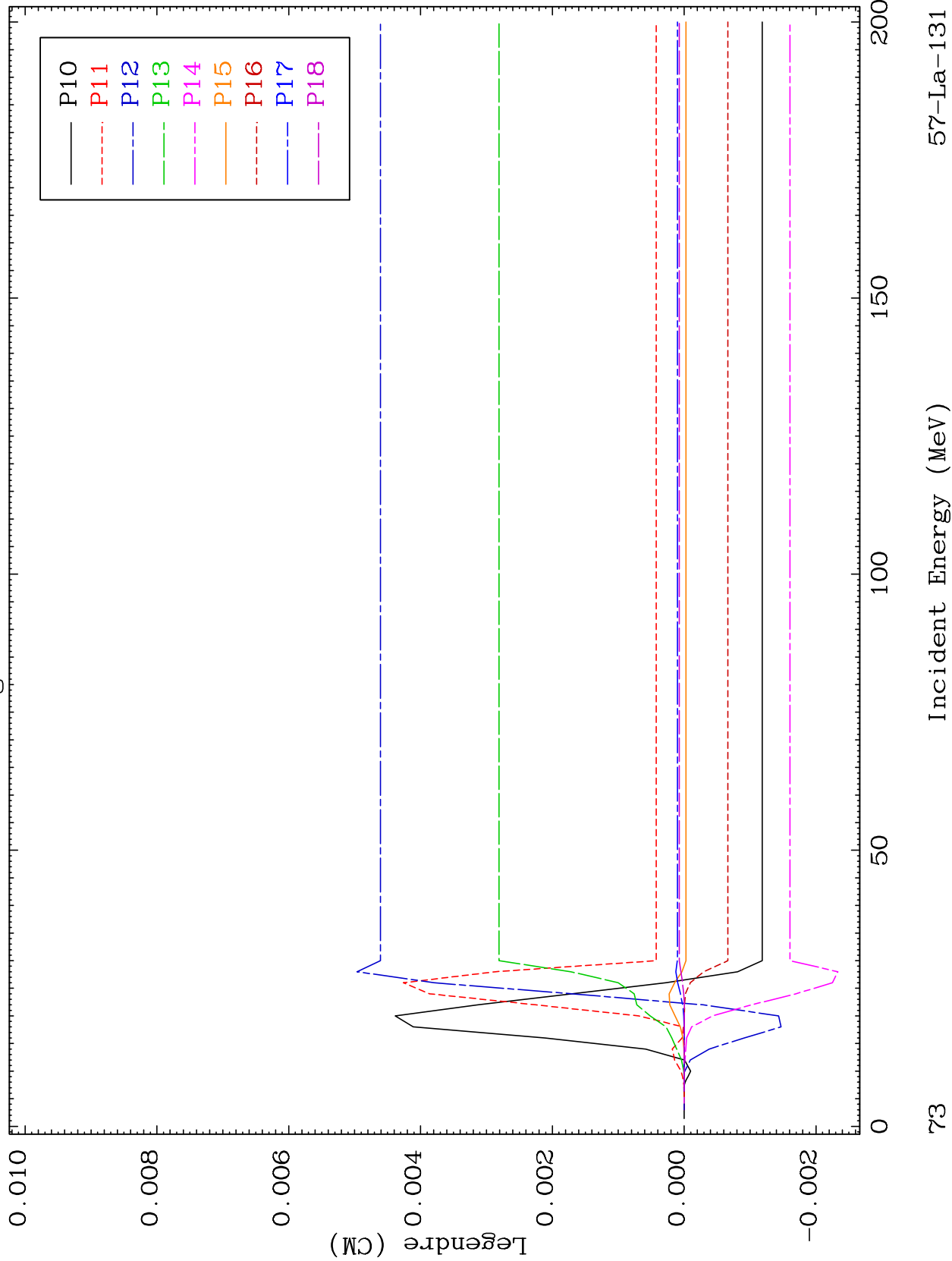
57-La-131



MAT 5704

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

57-La-131



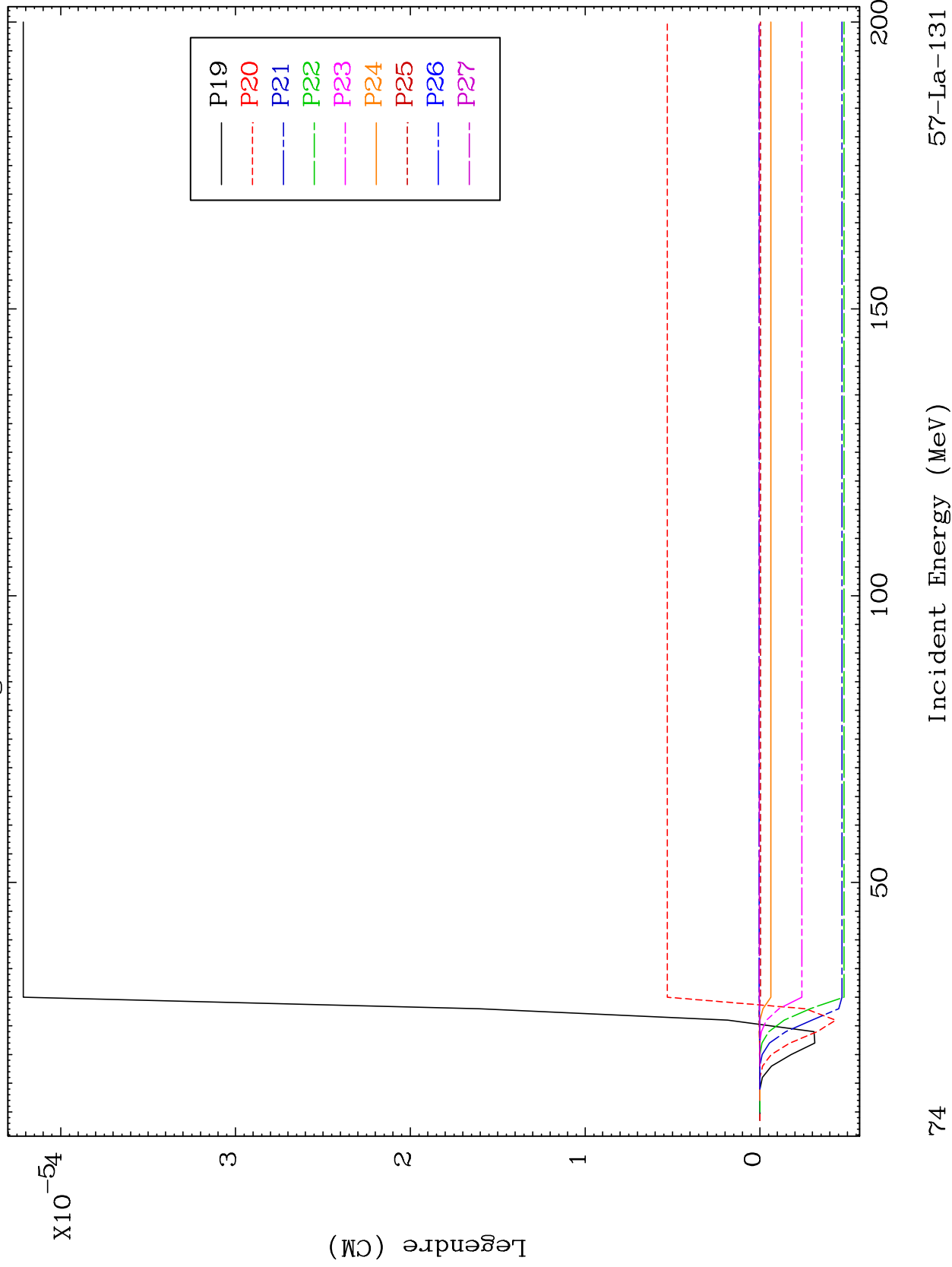
73

57-La-131

MAT 5704

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

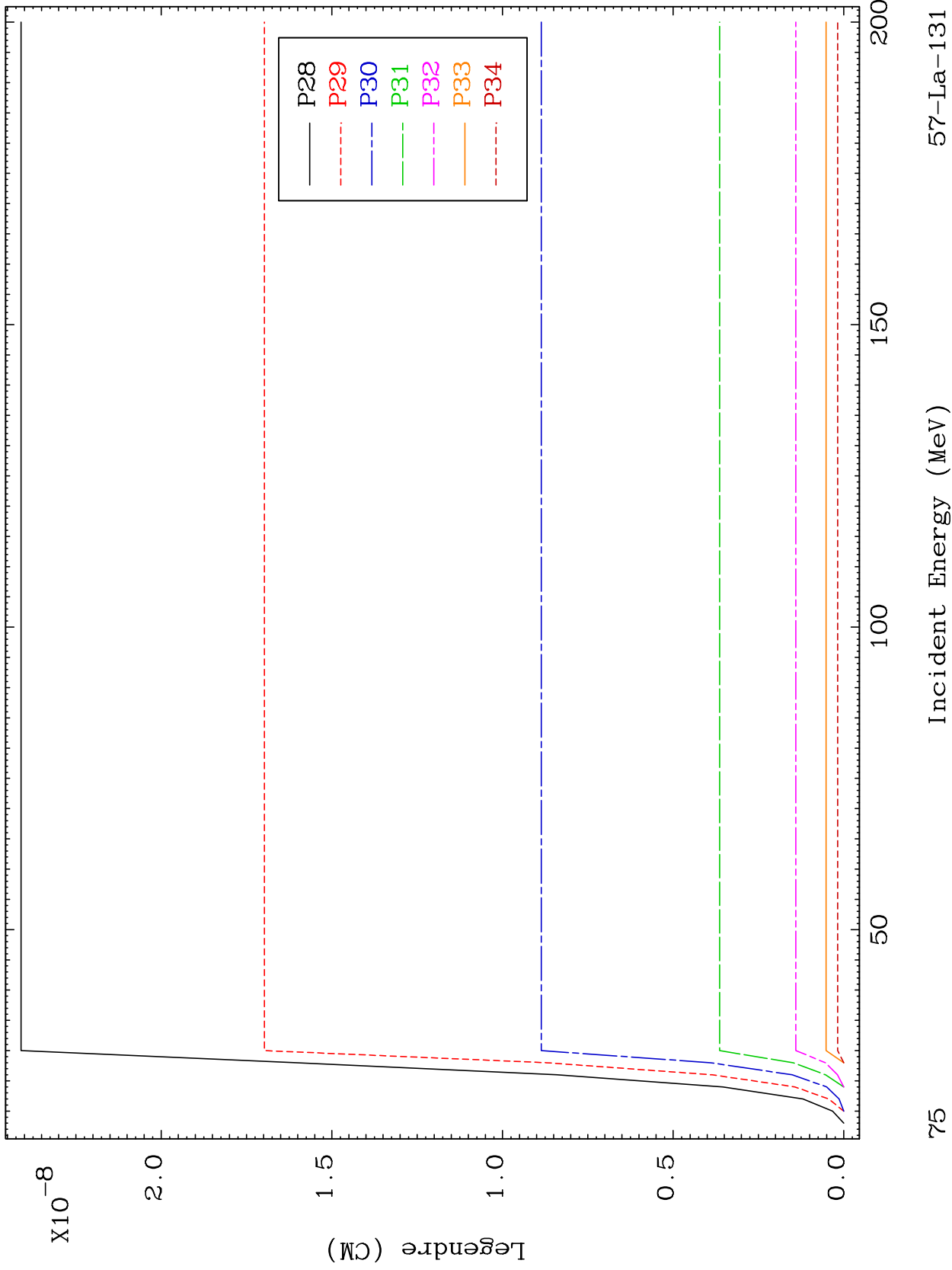
57-La-131



MAT 5704

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

57-La-131



75

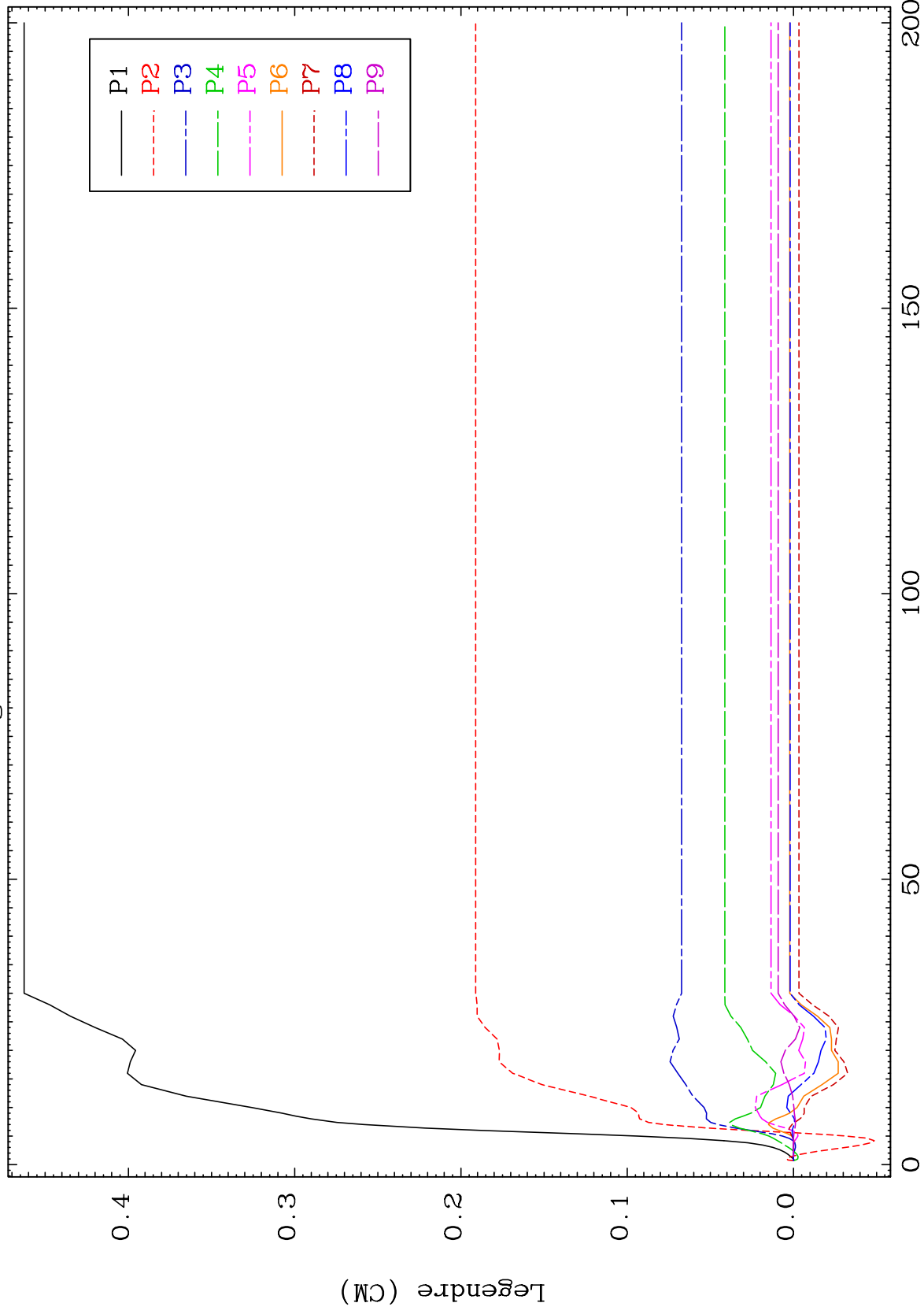
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



76

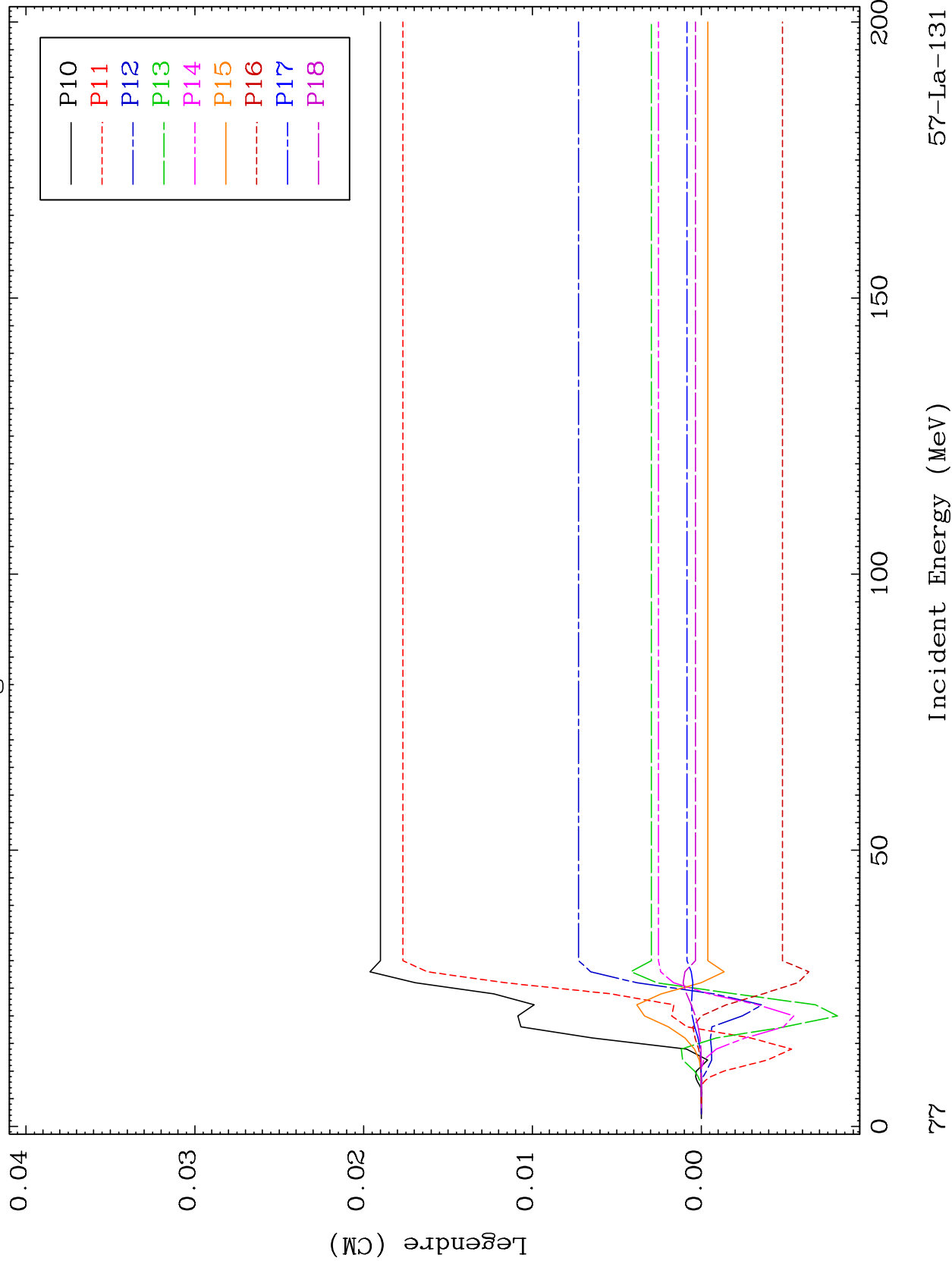
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



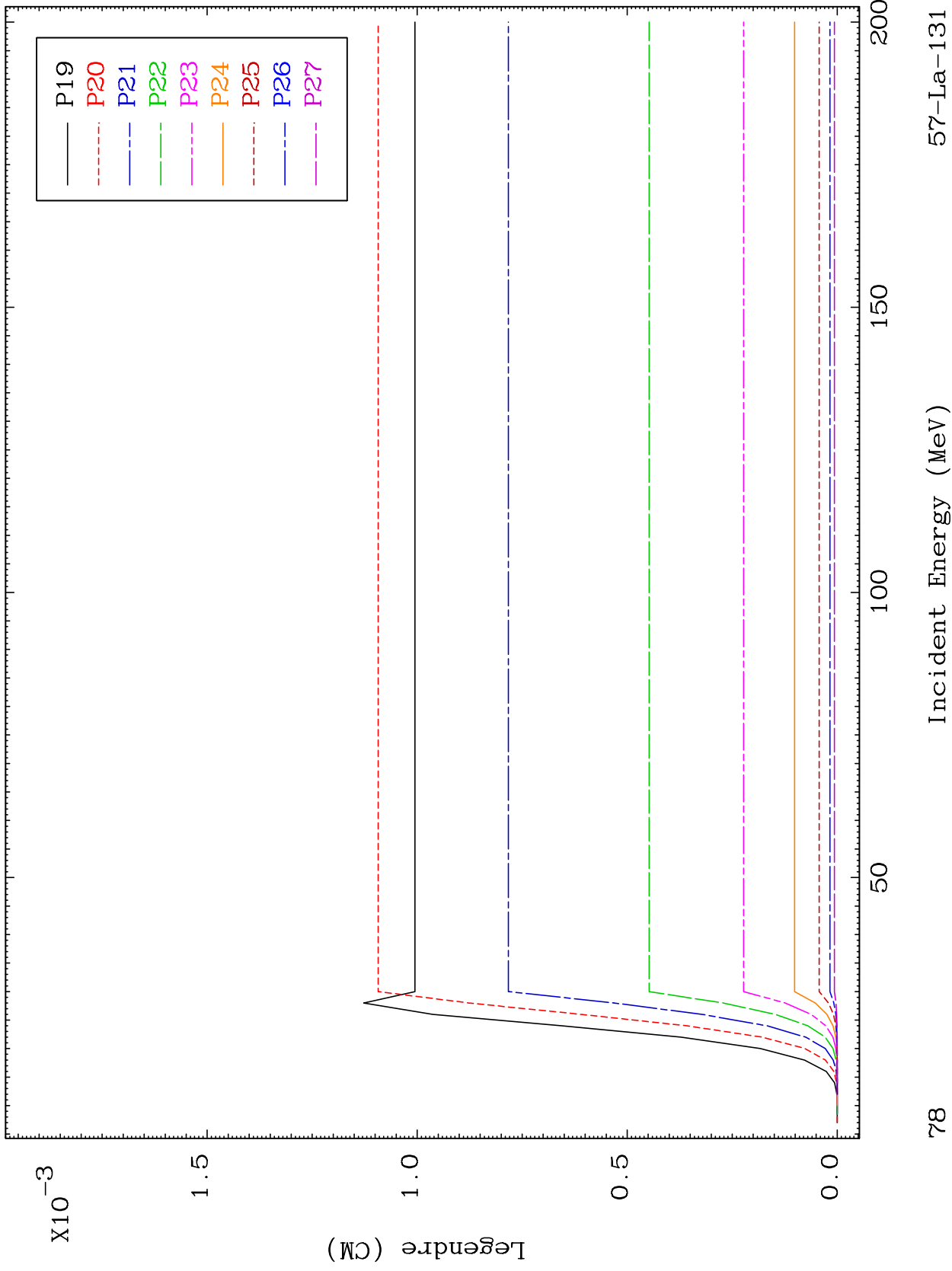
77

57-La-131

MAT 5704

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

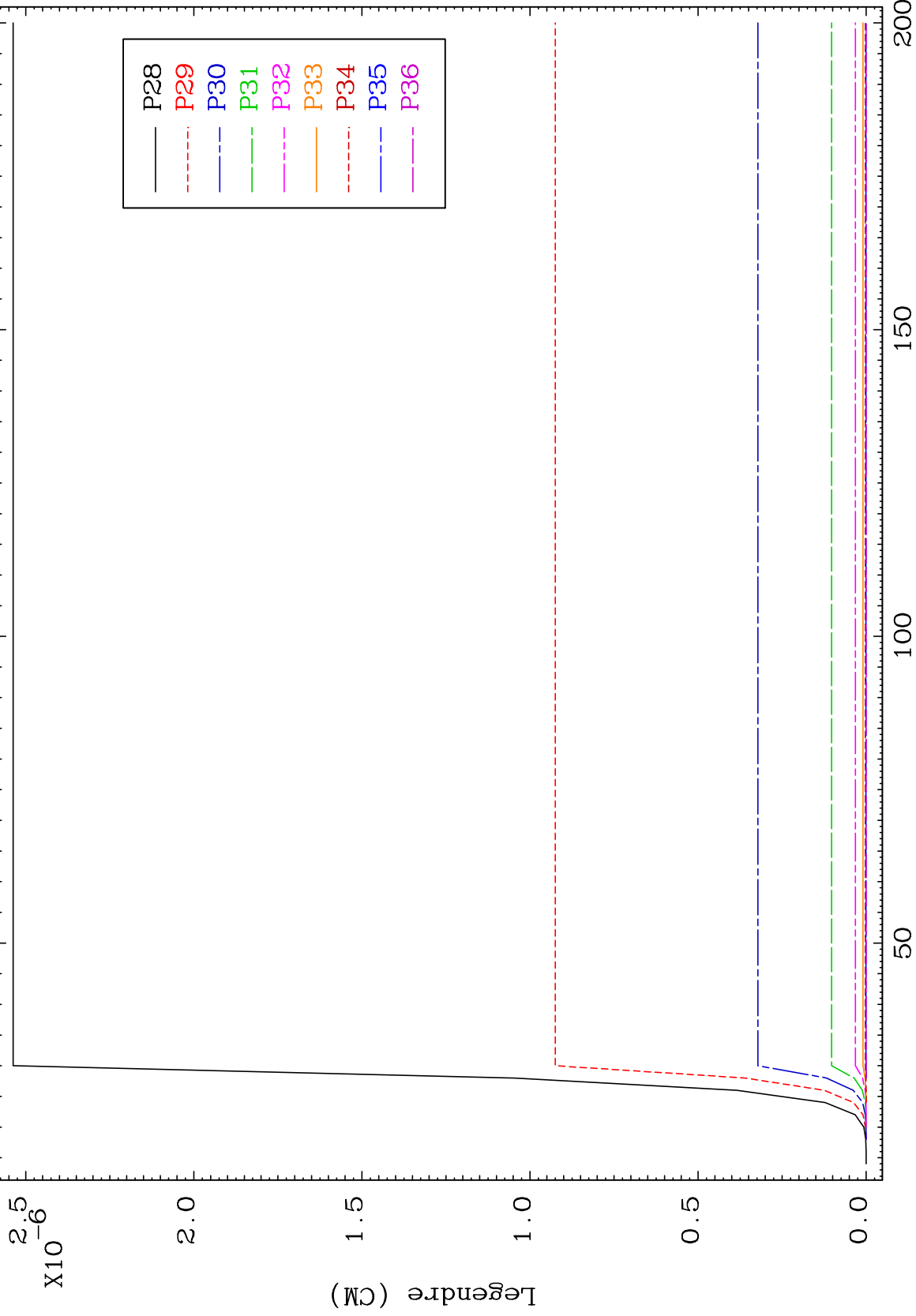
57-La-131



MAT 5704

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

57-La-131



79

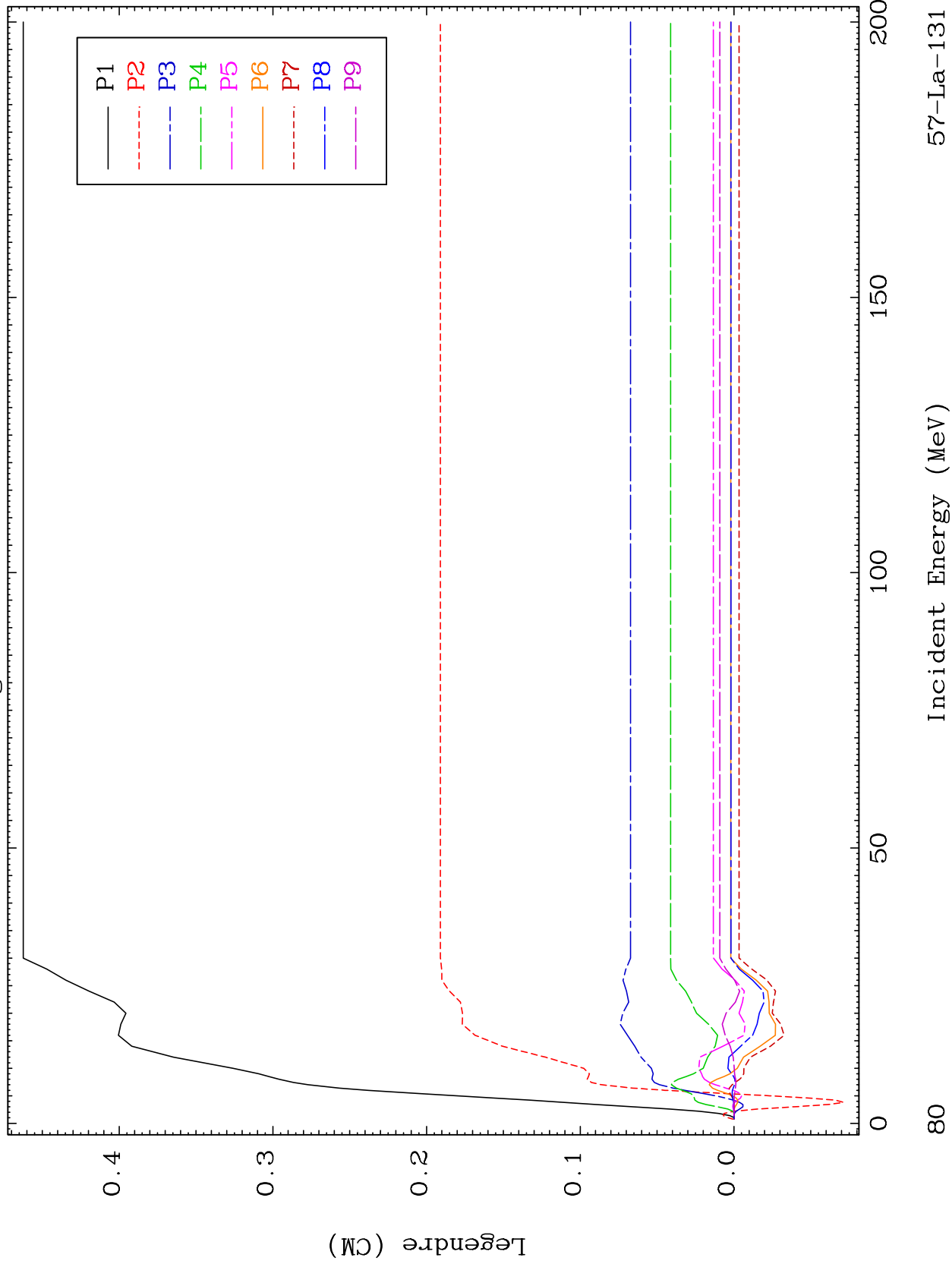
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



57-La-131

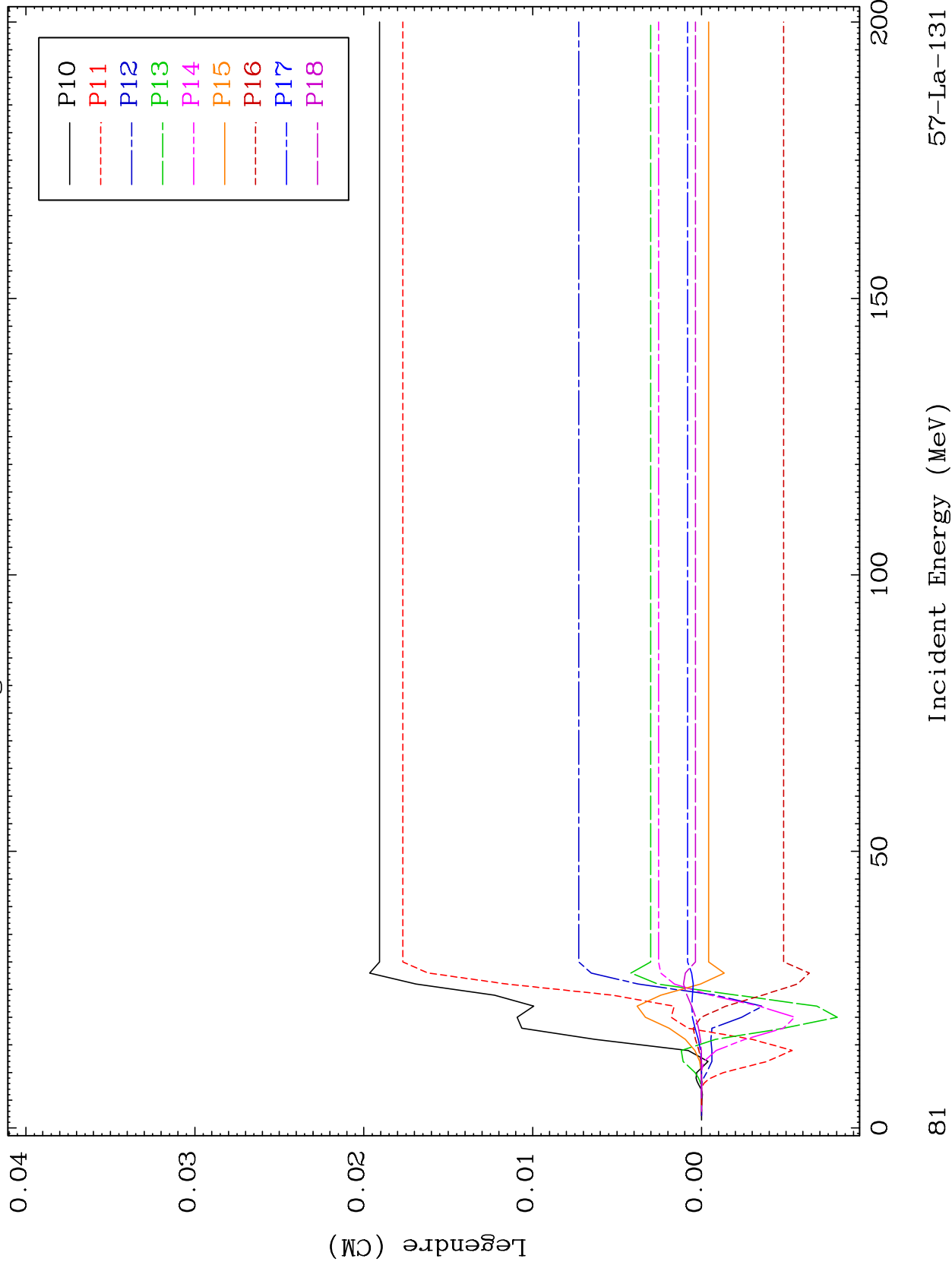
Incident Energy (MeV)

80

MAT 5704

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

57-La-131



57-La-131

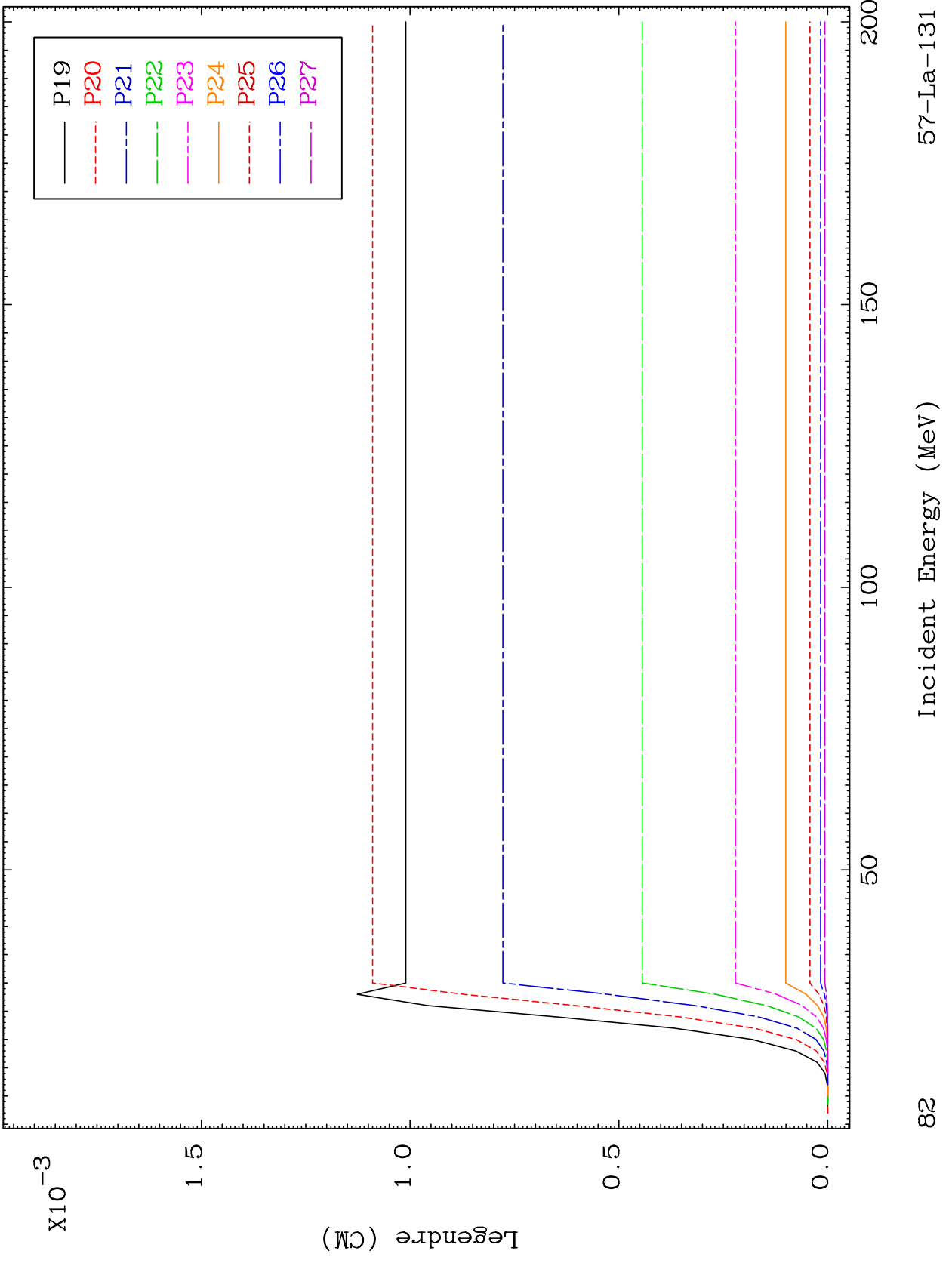
Incident Energy (MeV)

81

MAT 5704

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

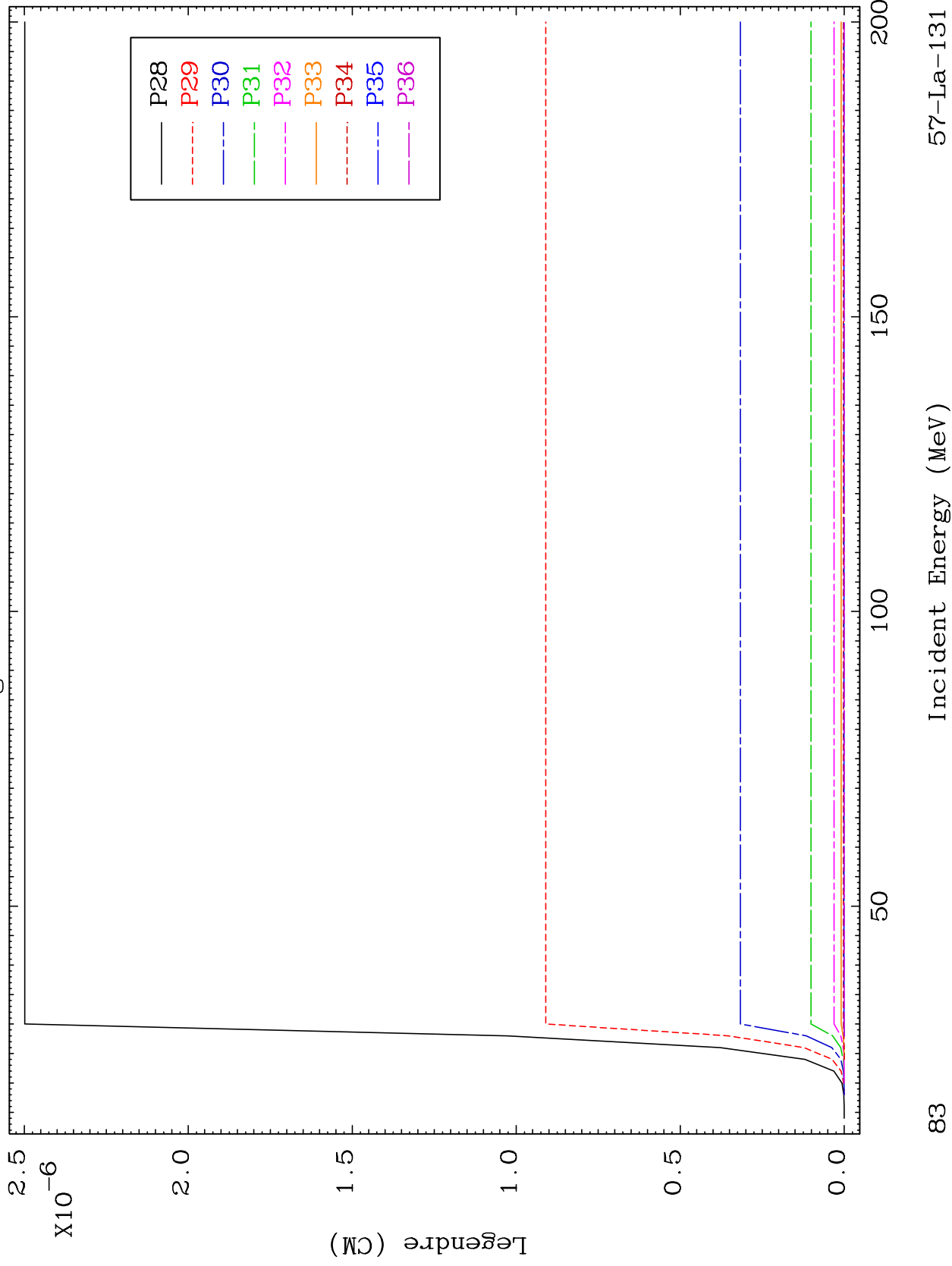
57-La-131



MAT 5704

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

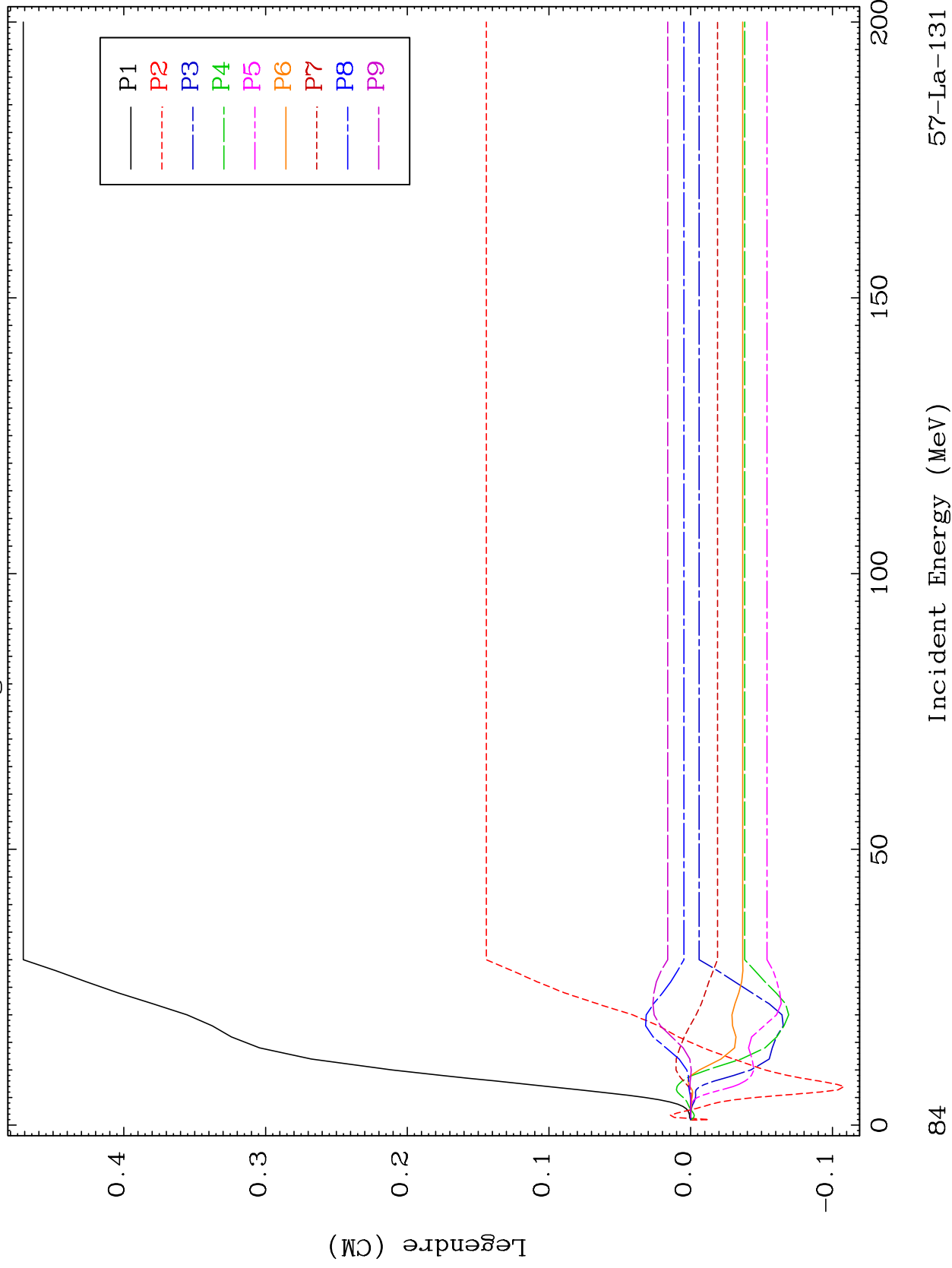
57-La-131



MAT 5704

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

57-La-131



57-La-131

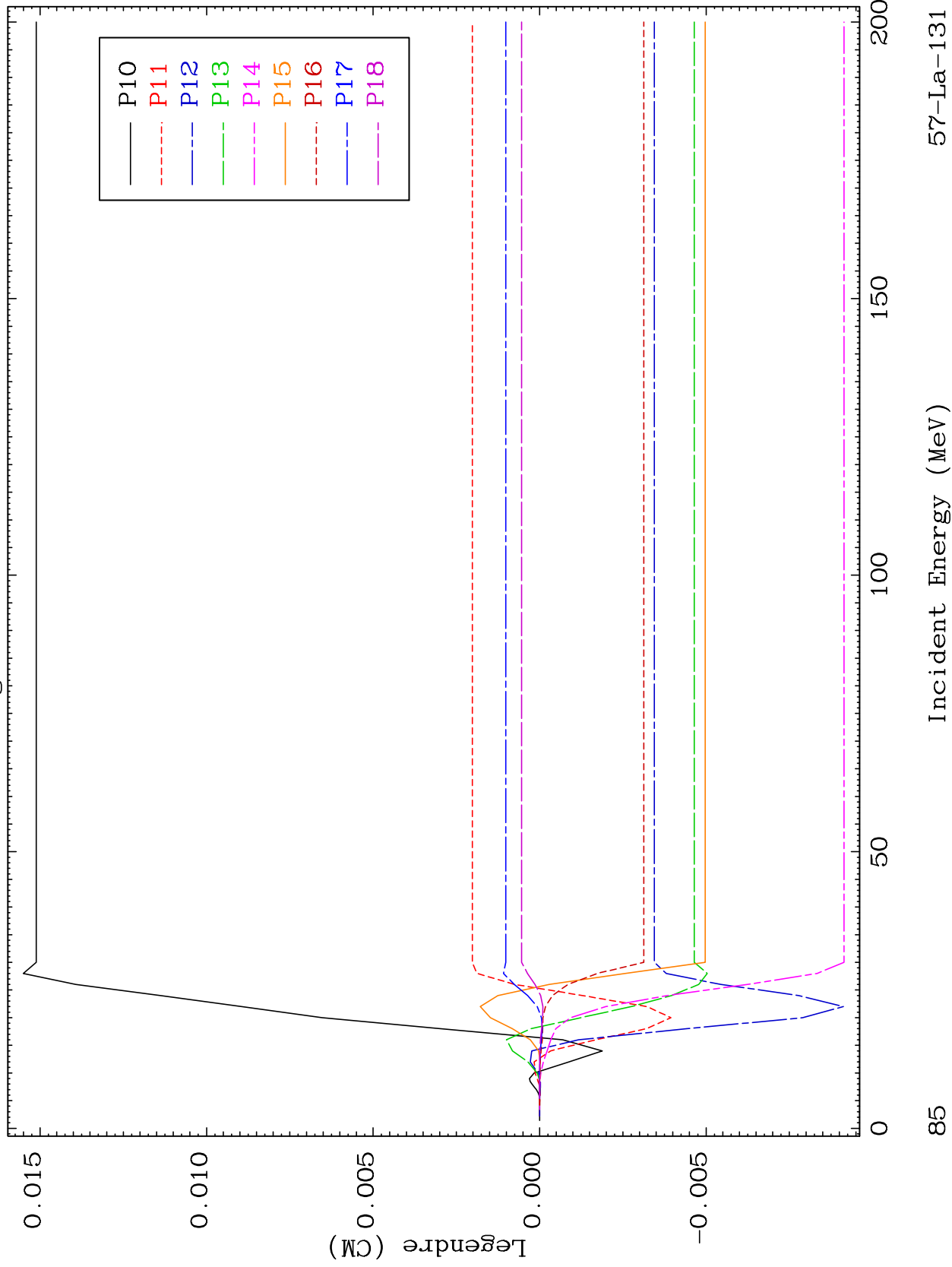
Incident Energy (MeV)

84

MAT 5704

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

57-La-131



57-La-131

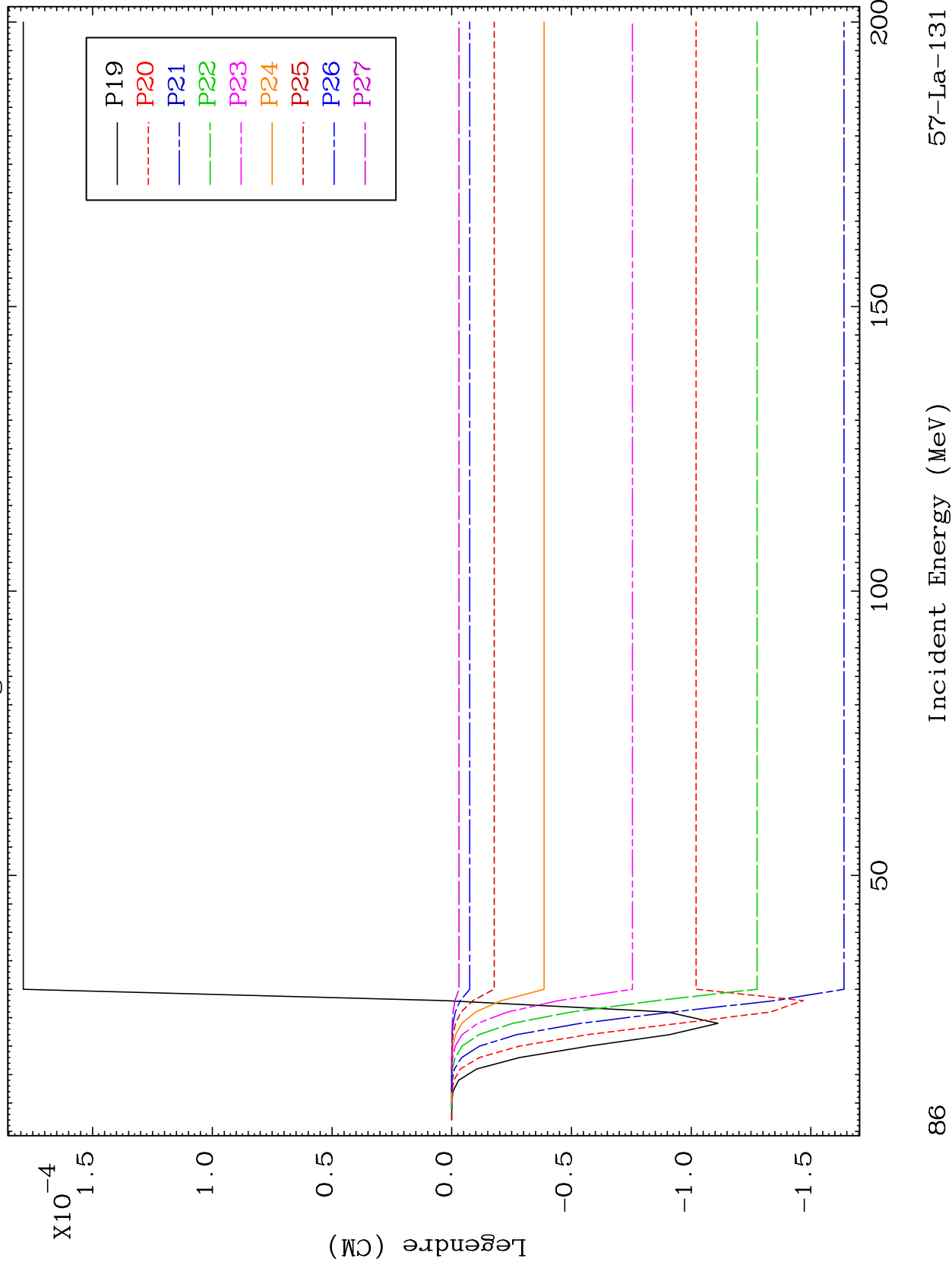
Incident Energy (MeV)

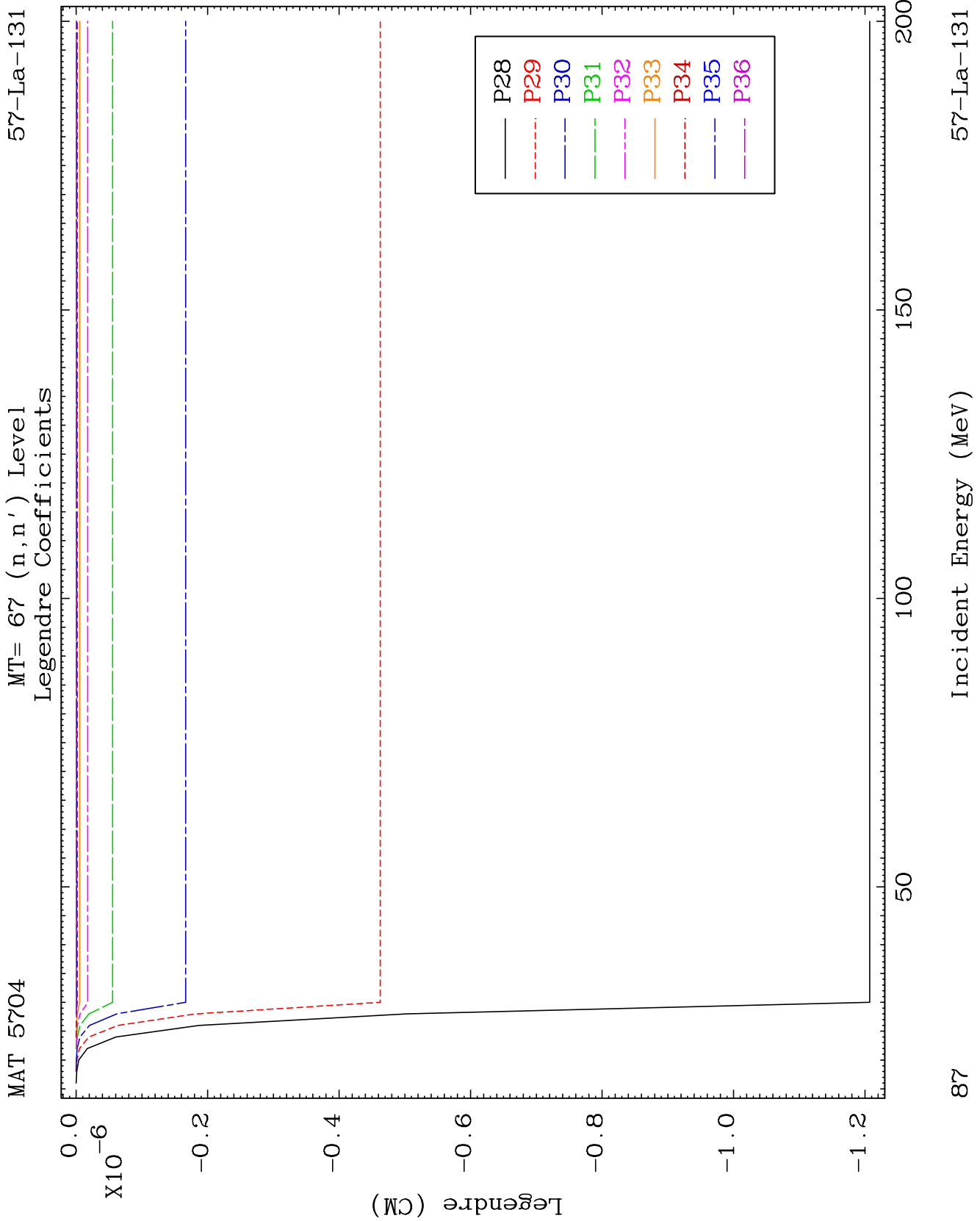
85

MAT 5704

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

57-La-131

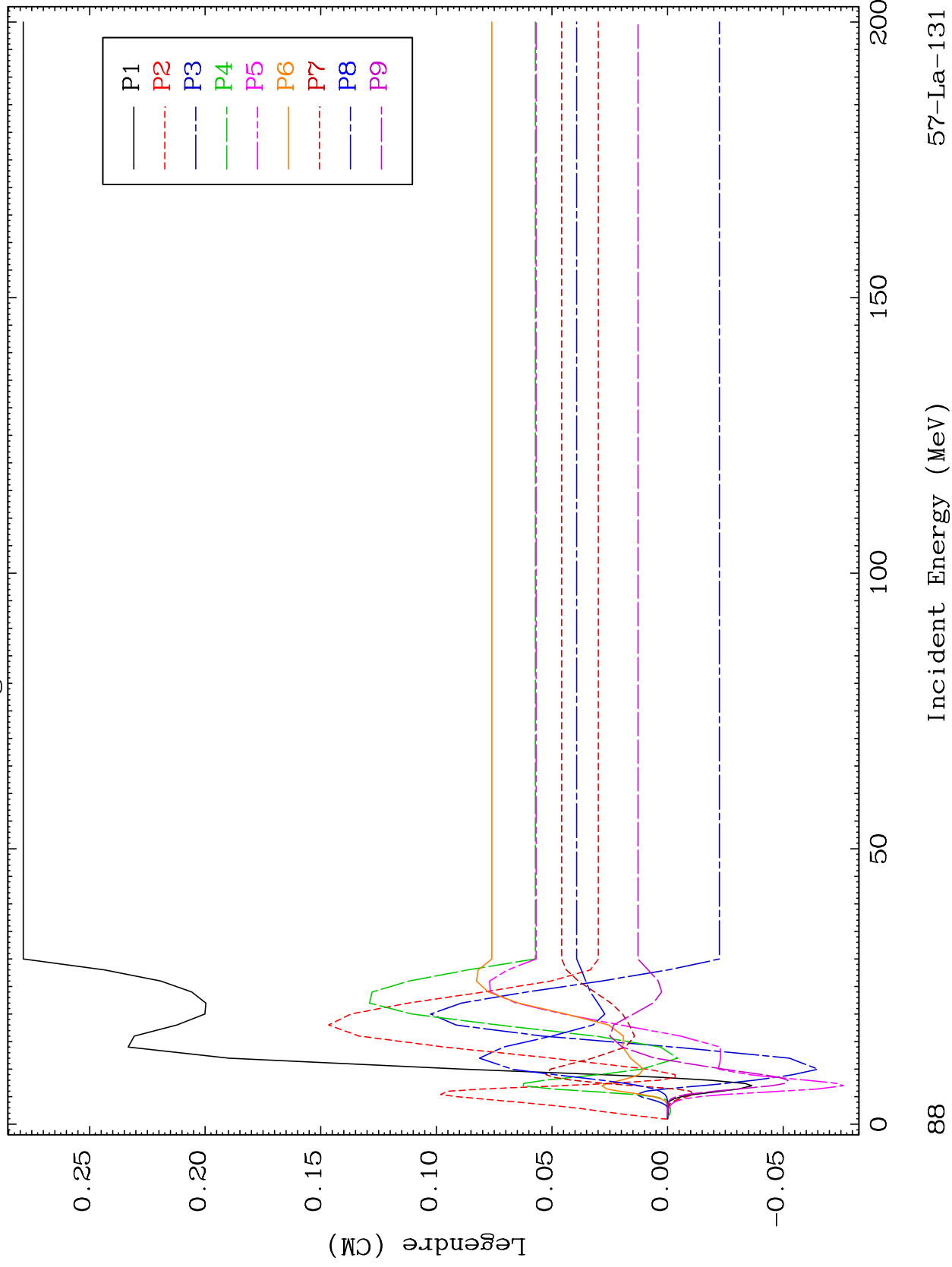




MAT 5704

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

57-La-131



57-La-131

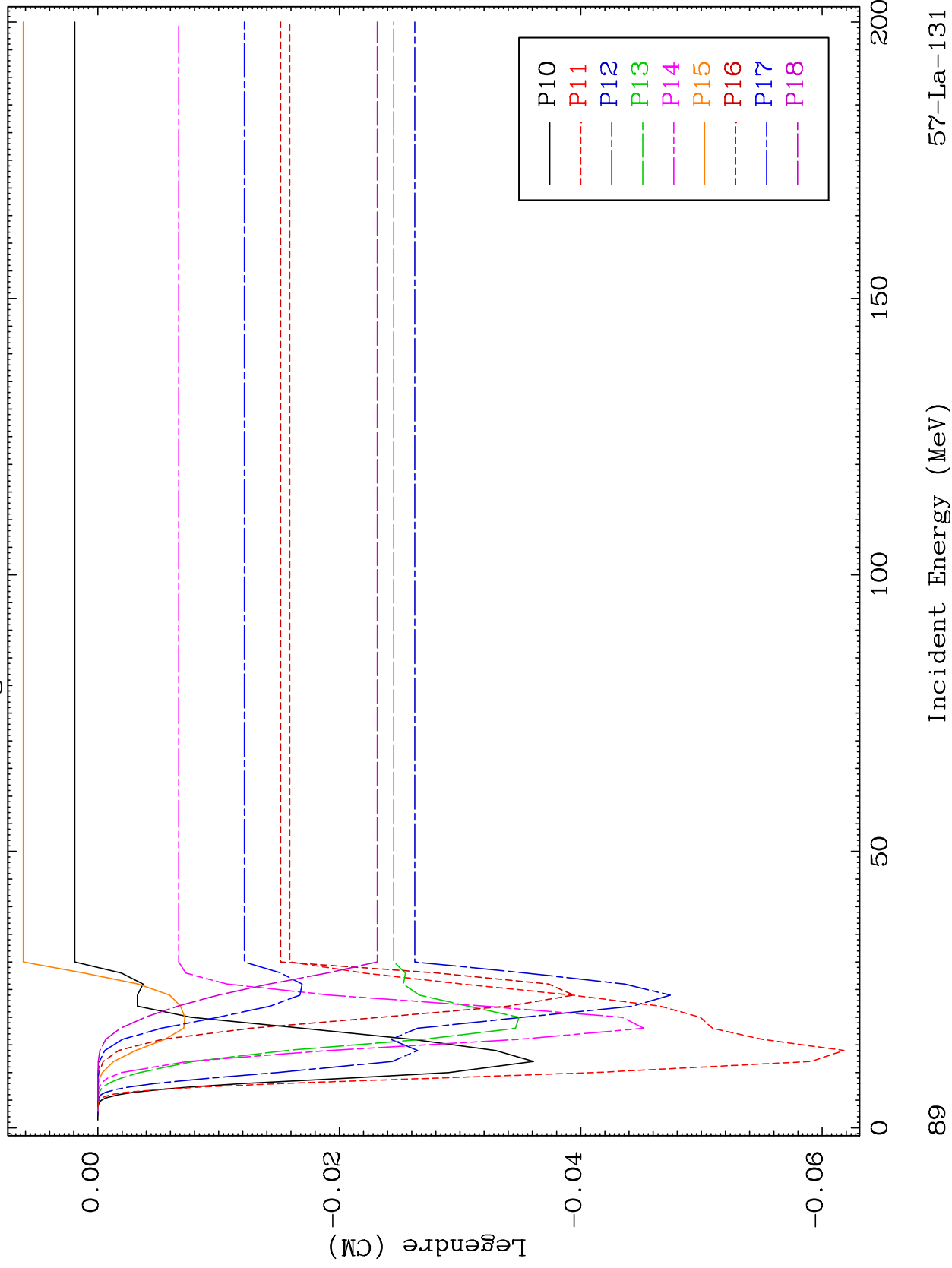
Incident Energy (MeV)

88

MAT 5704

57-La-131

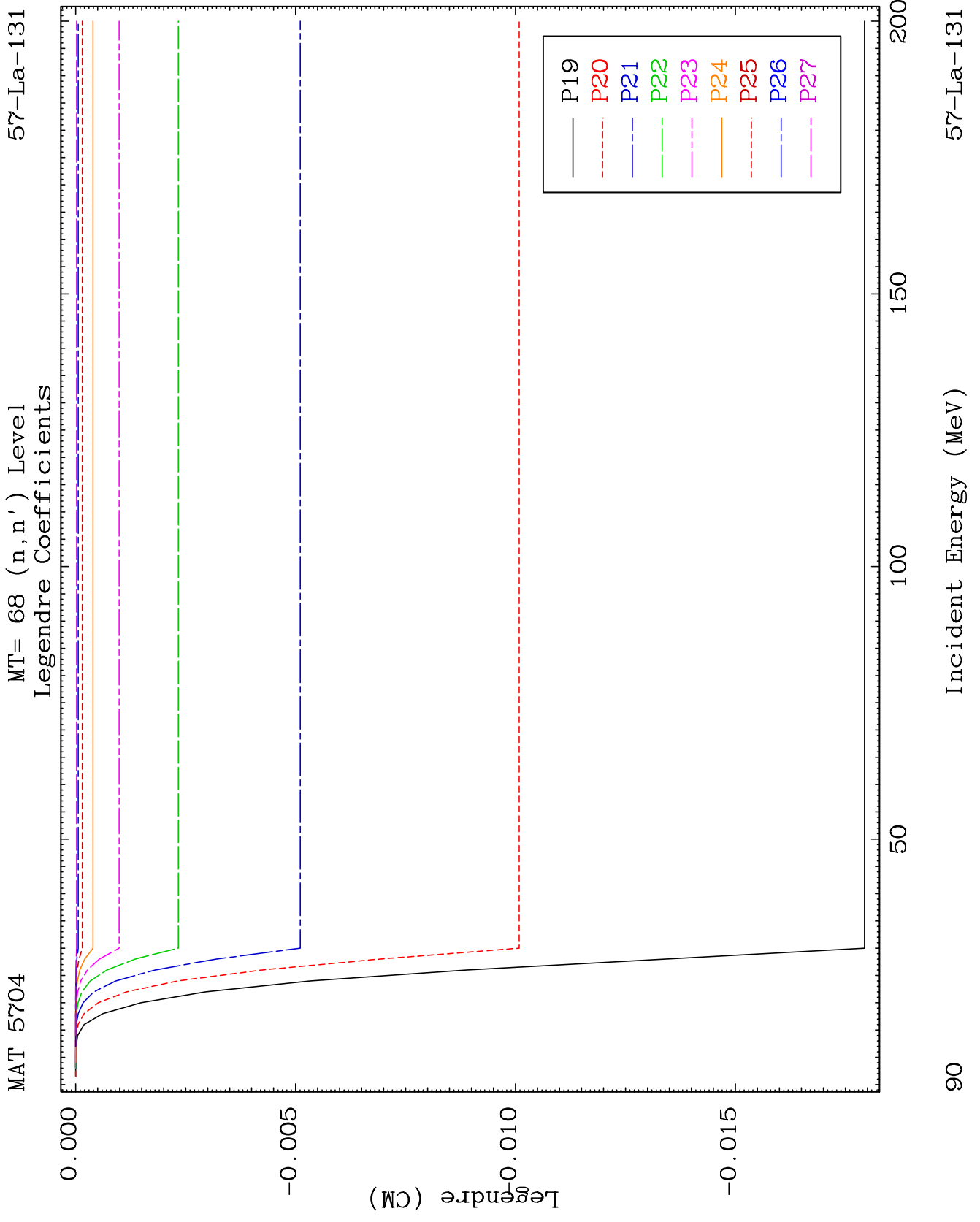
MT= 68 (n,n') Level
Legendre Coefficients

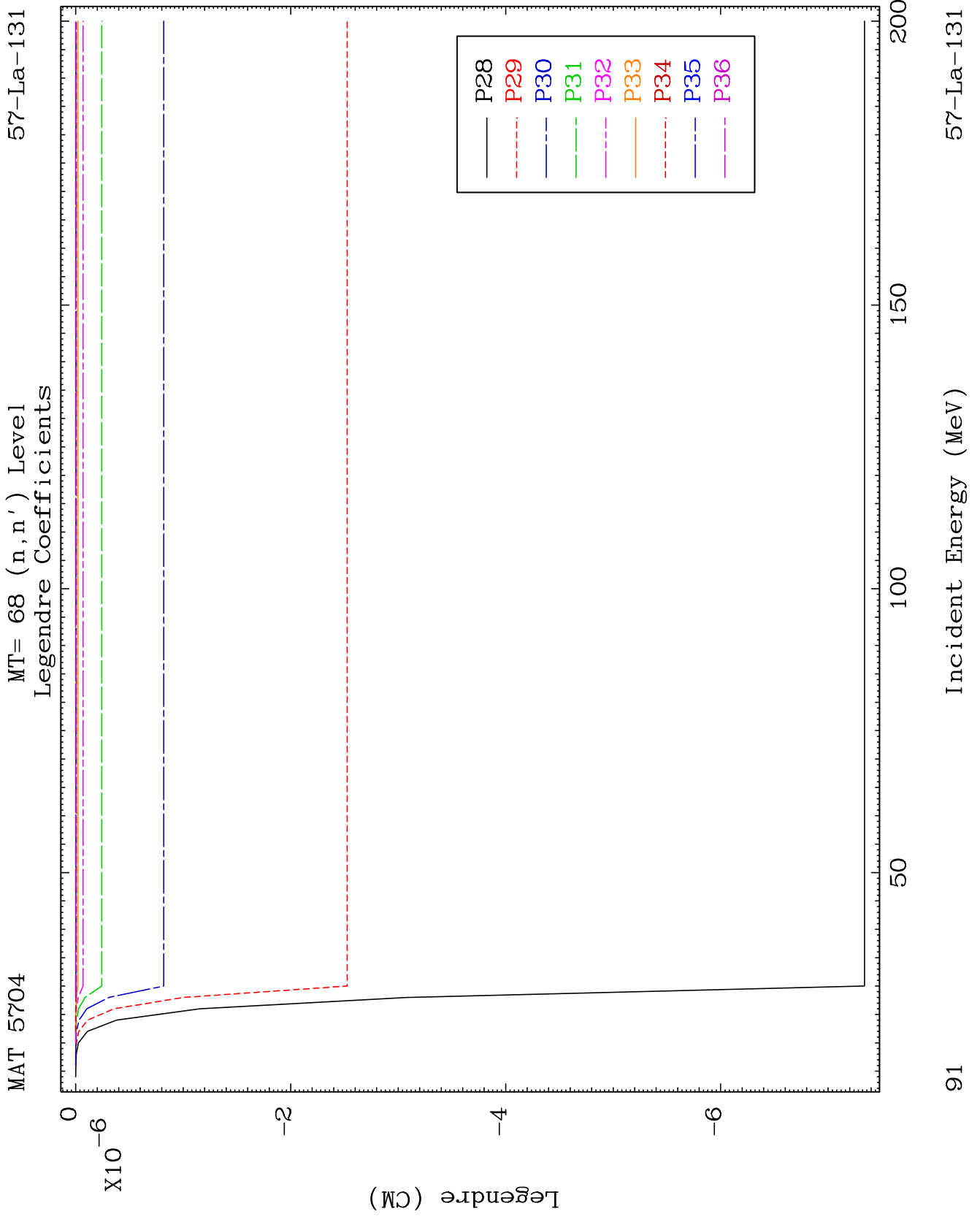


89

Incident Energy (MeV)

57-La-131

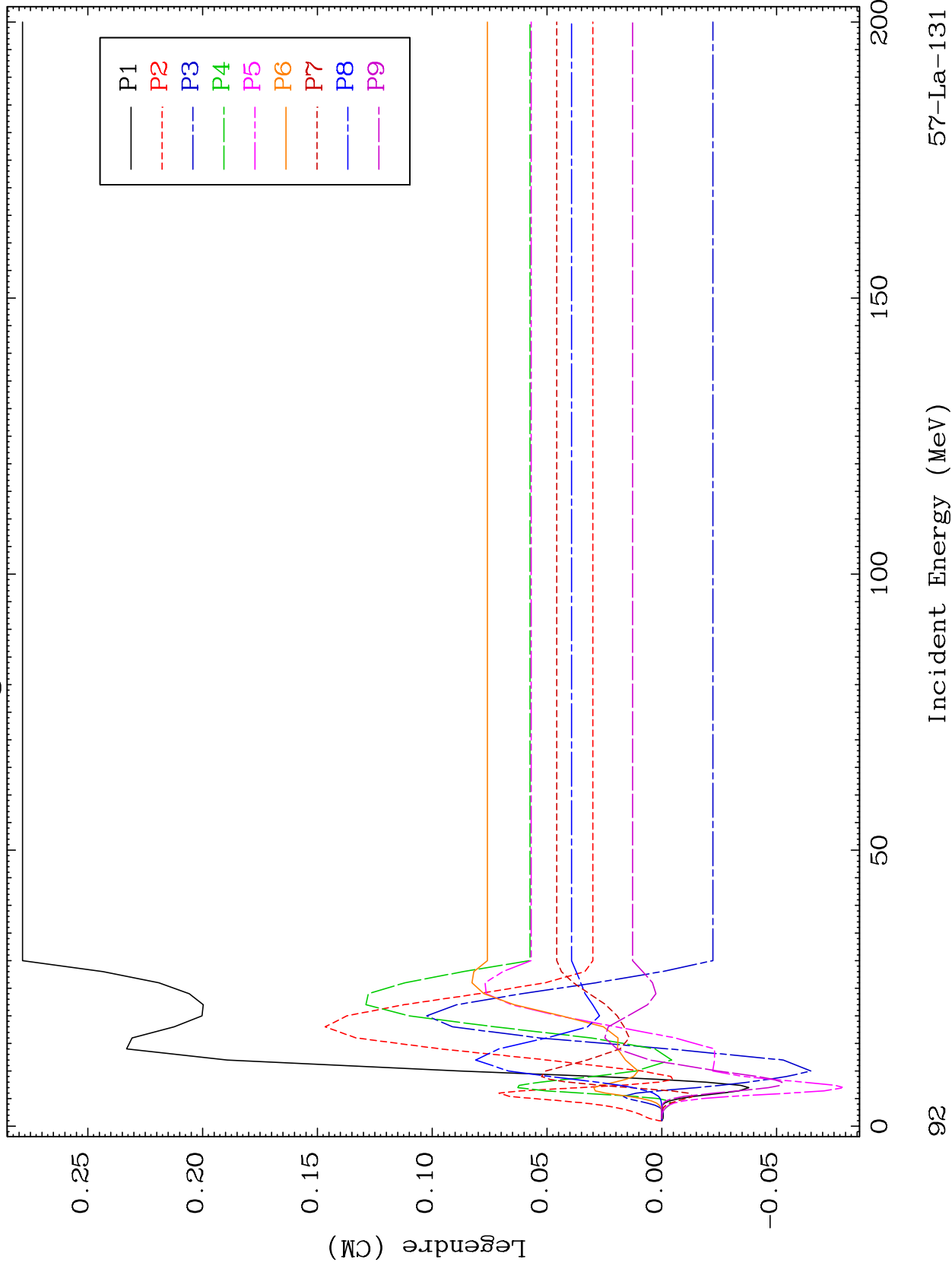




MAT 5704

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

57-La-131



57-La-131

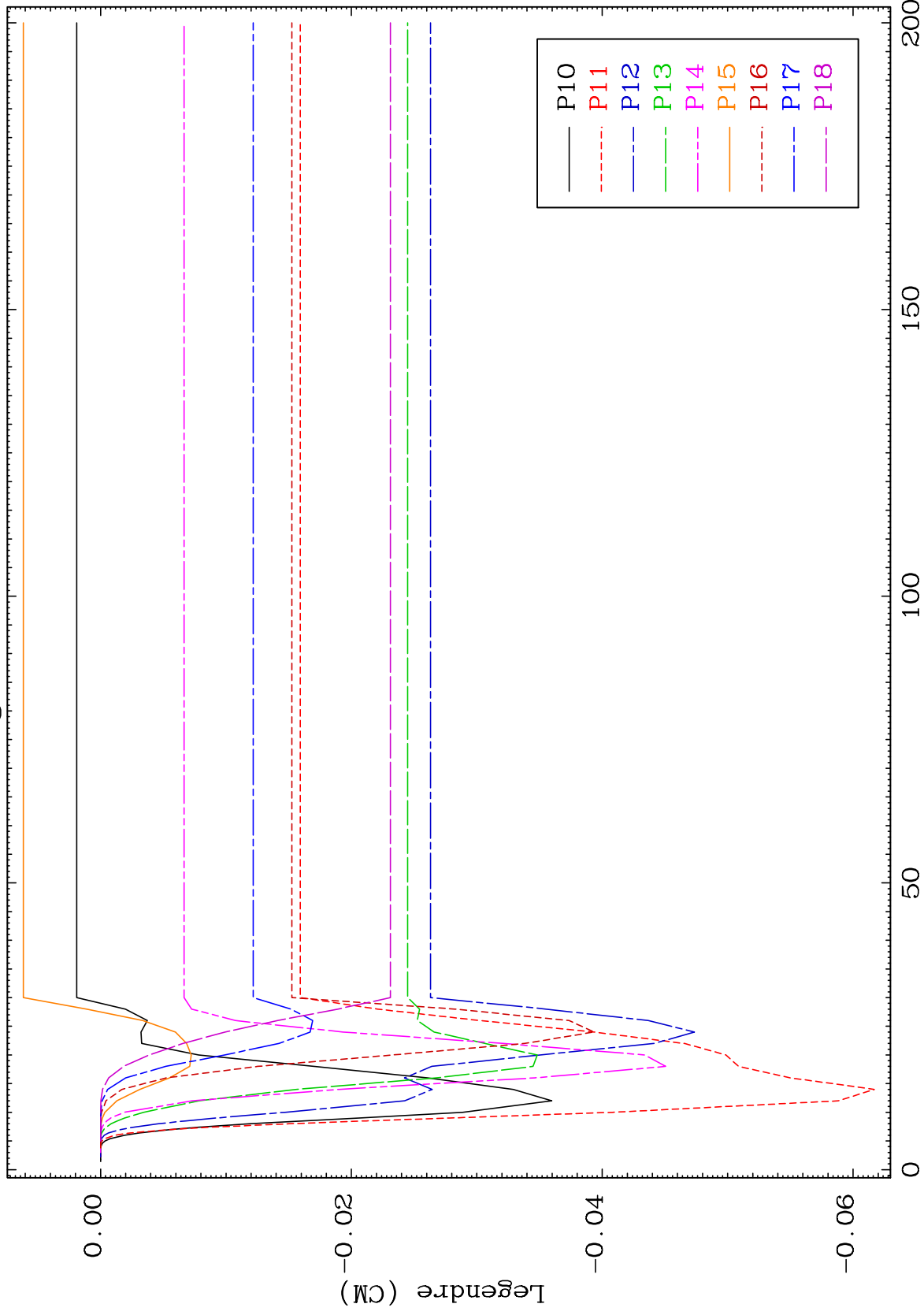
Incident Energy (MeV)

92

MAT 5704

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

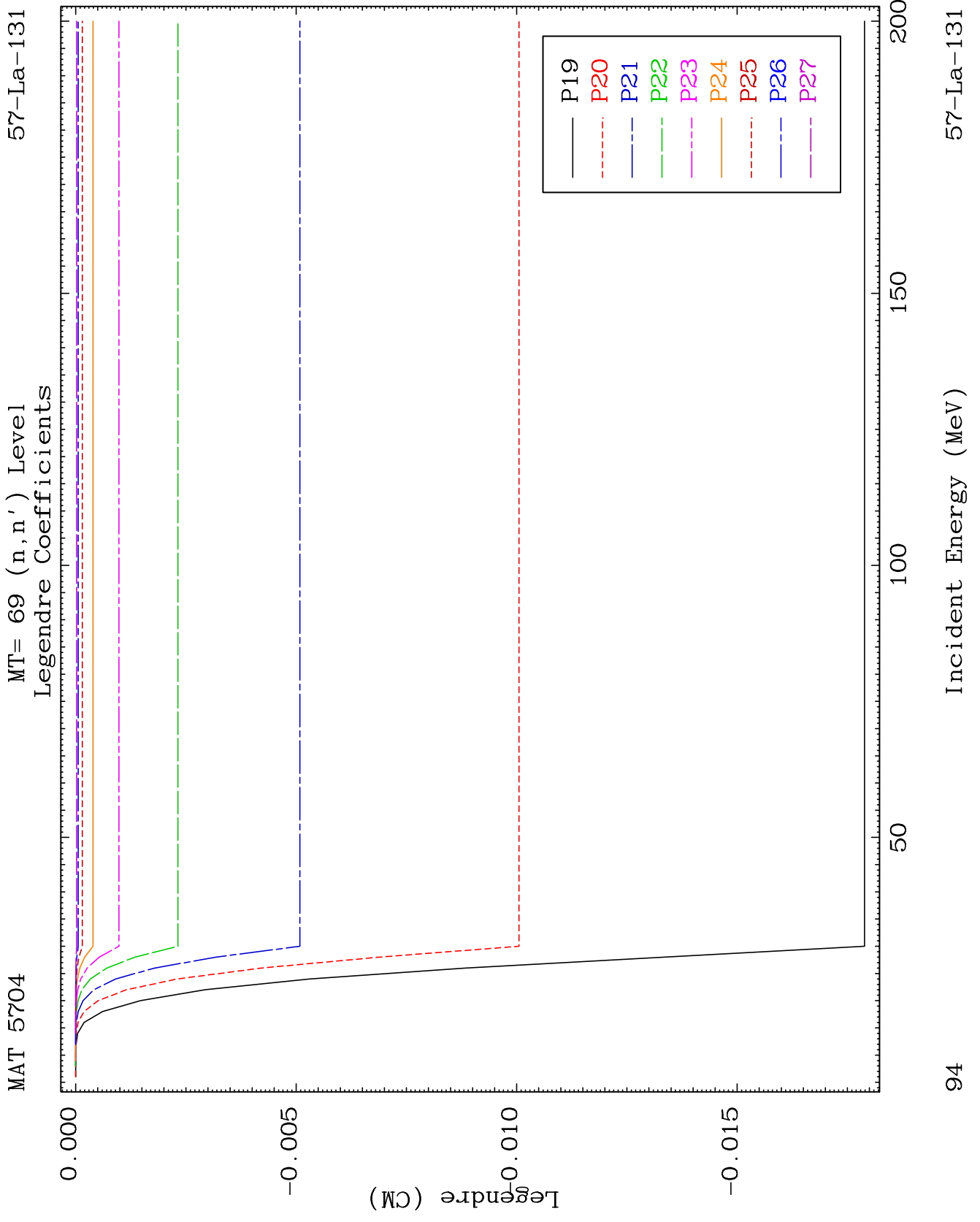
57-La-131

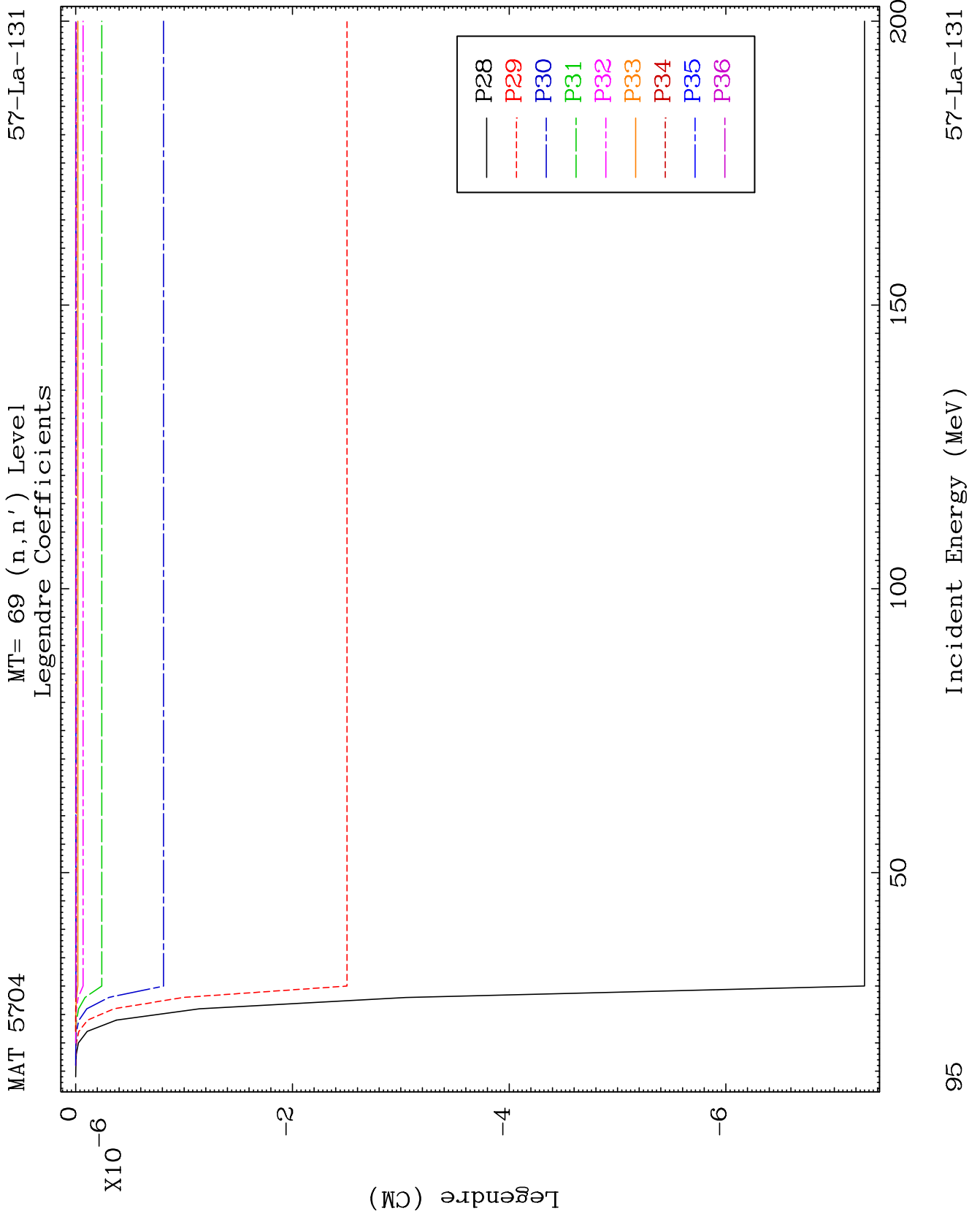


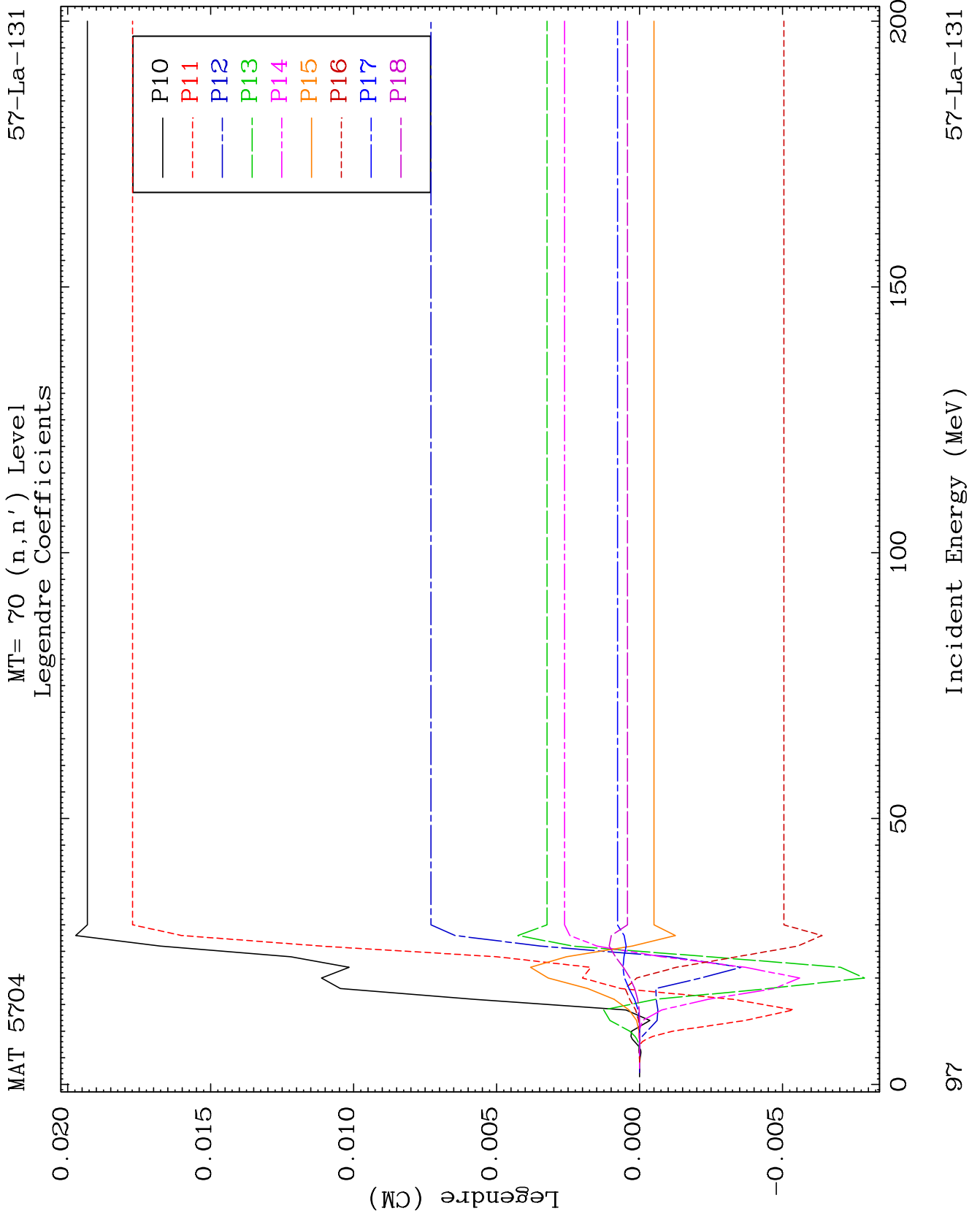
93

Incident Energy (MeV)

57-La-131



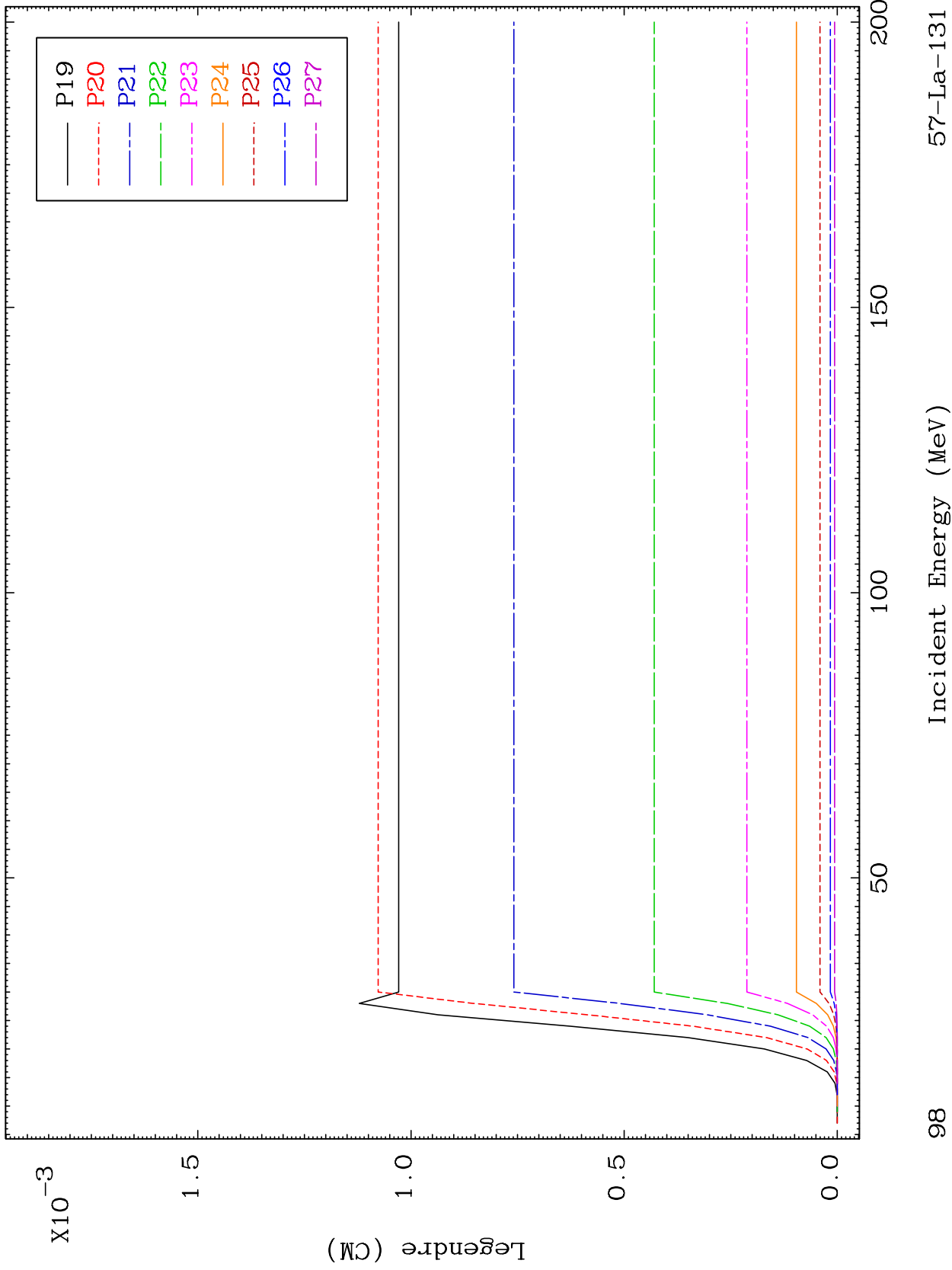




MAT 5704

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

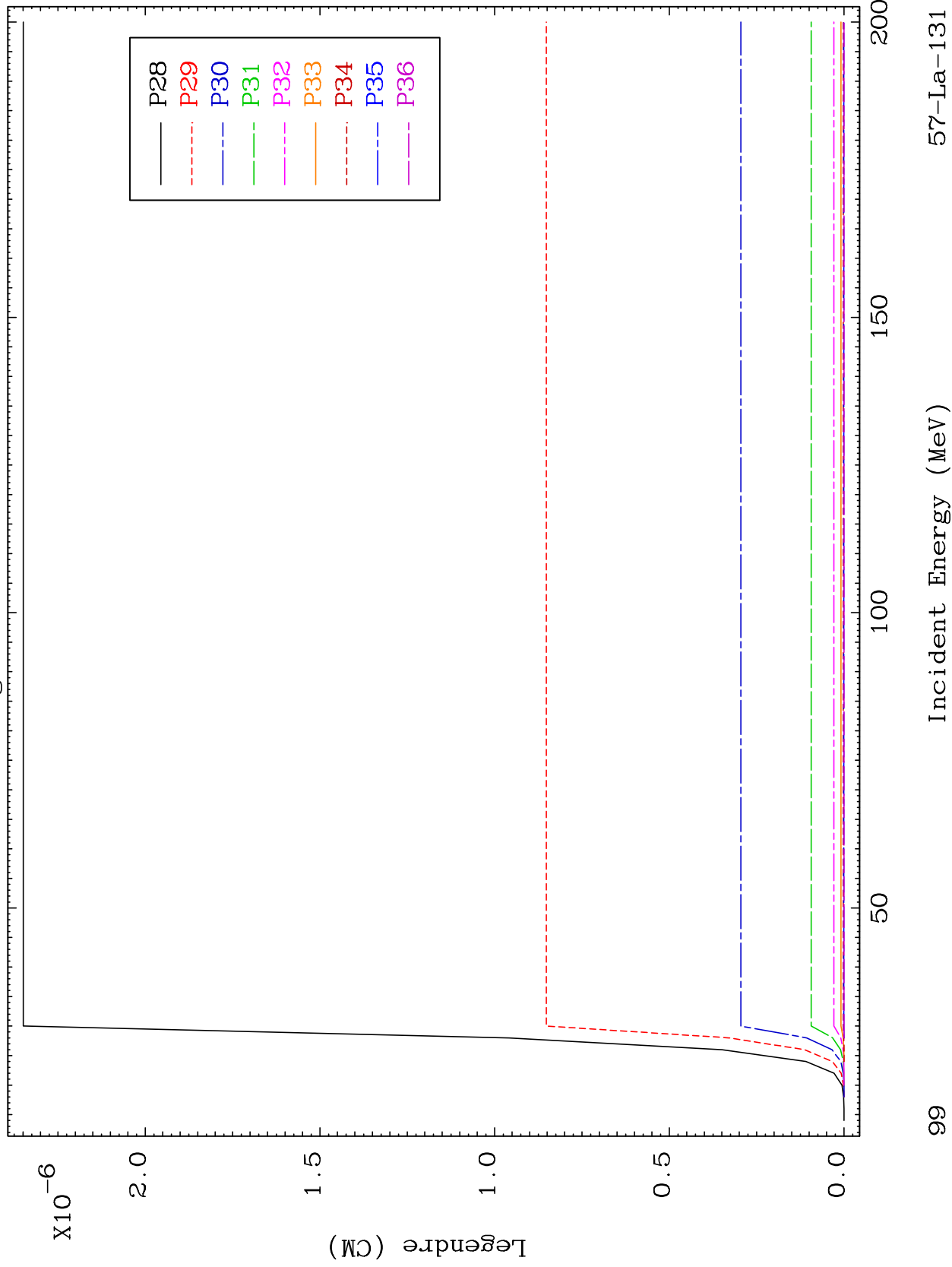
57-La-131

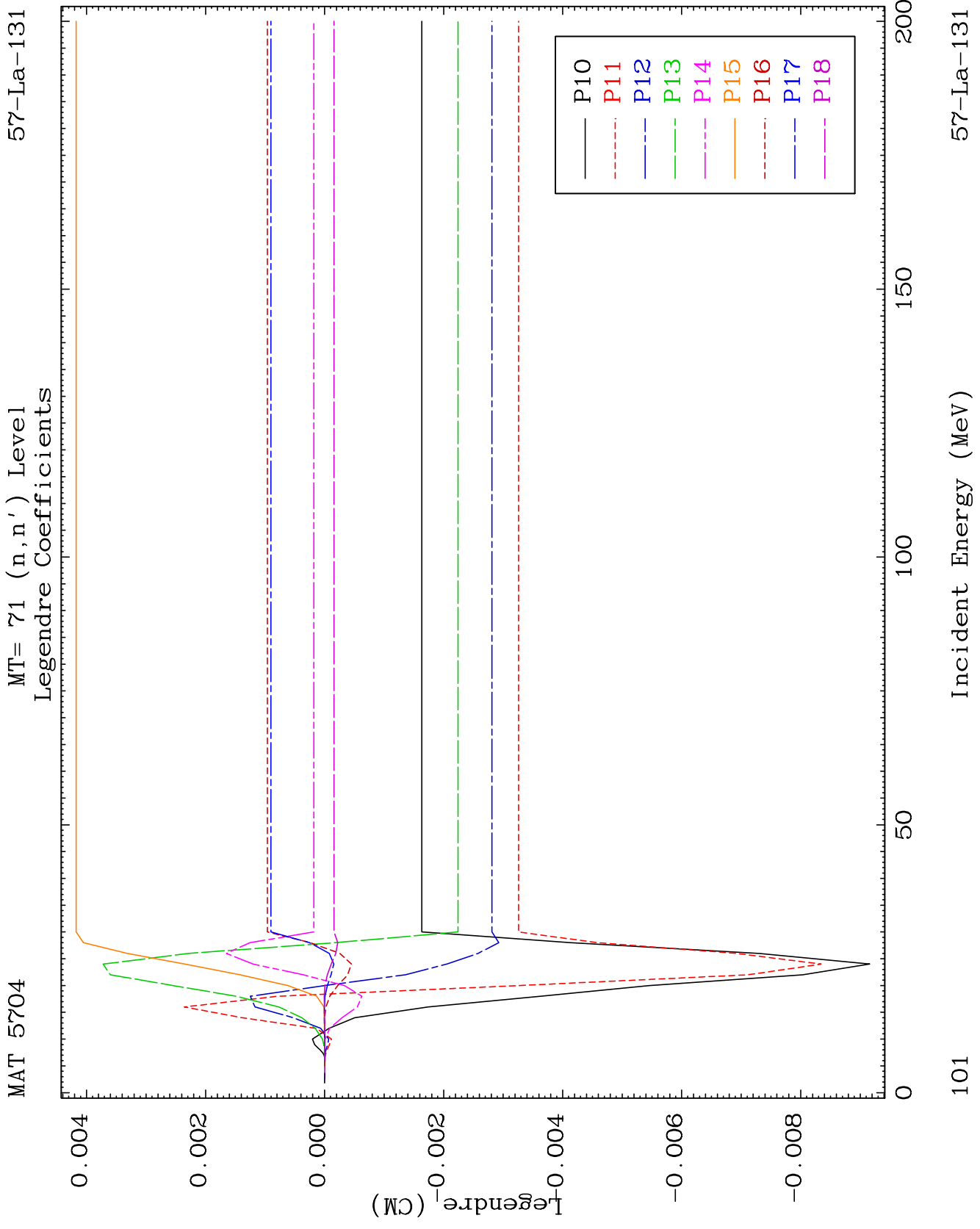


MAT 5704

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

57-La-131

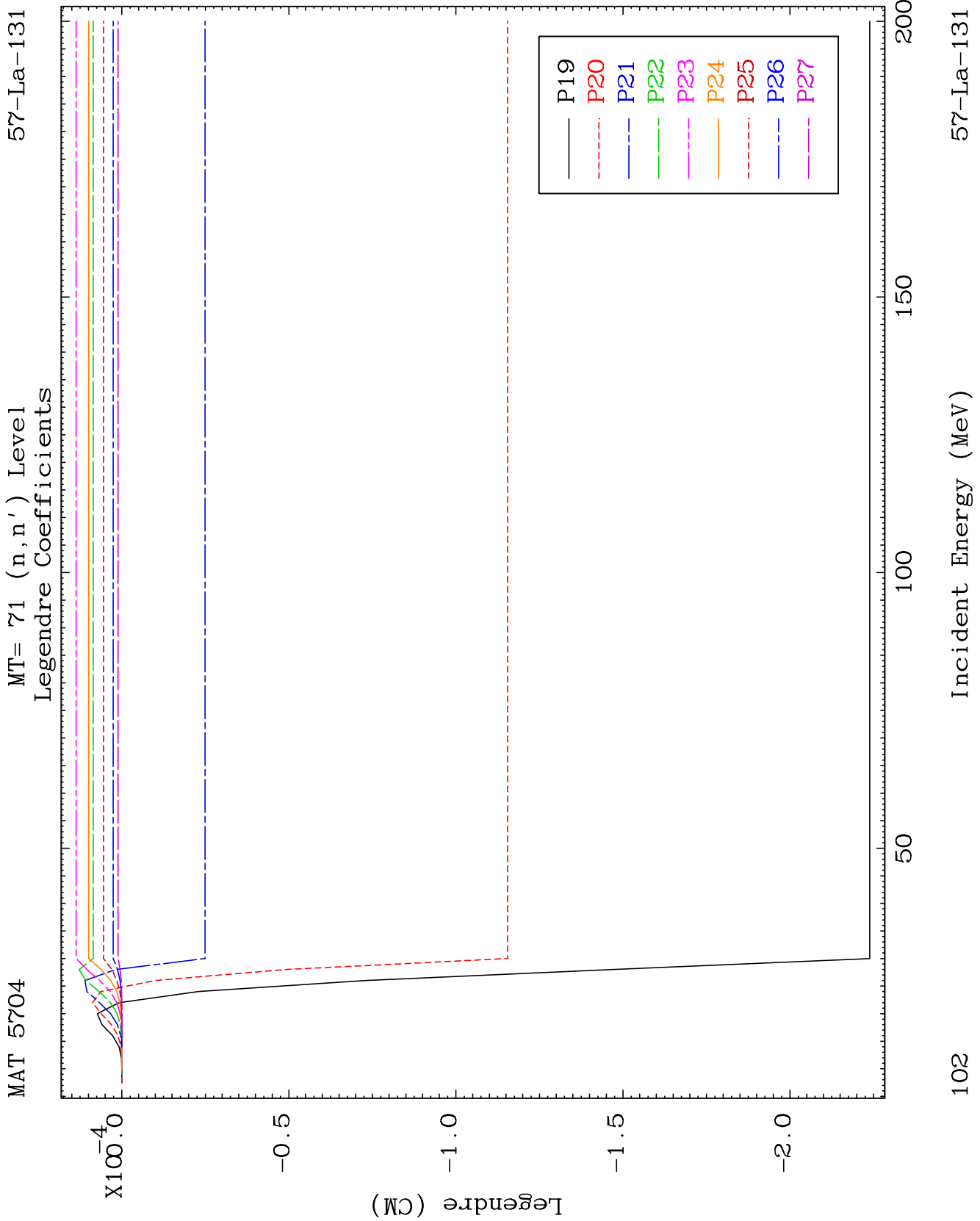




57-La-131

Incident Energy (MeV)

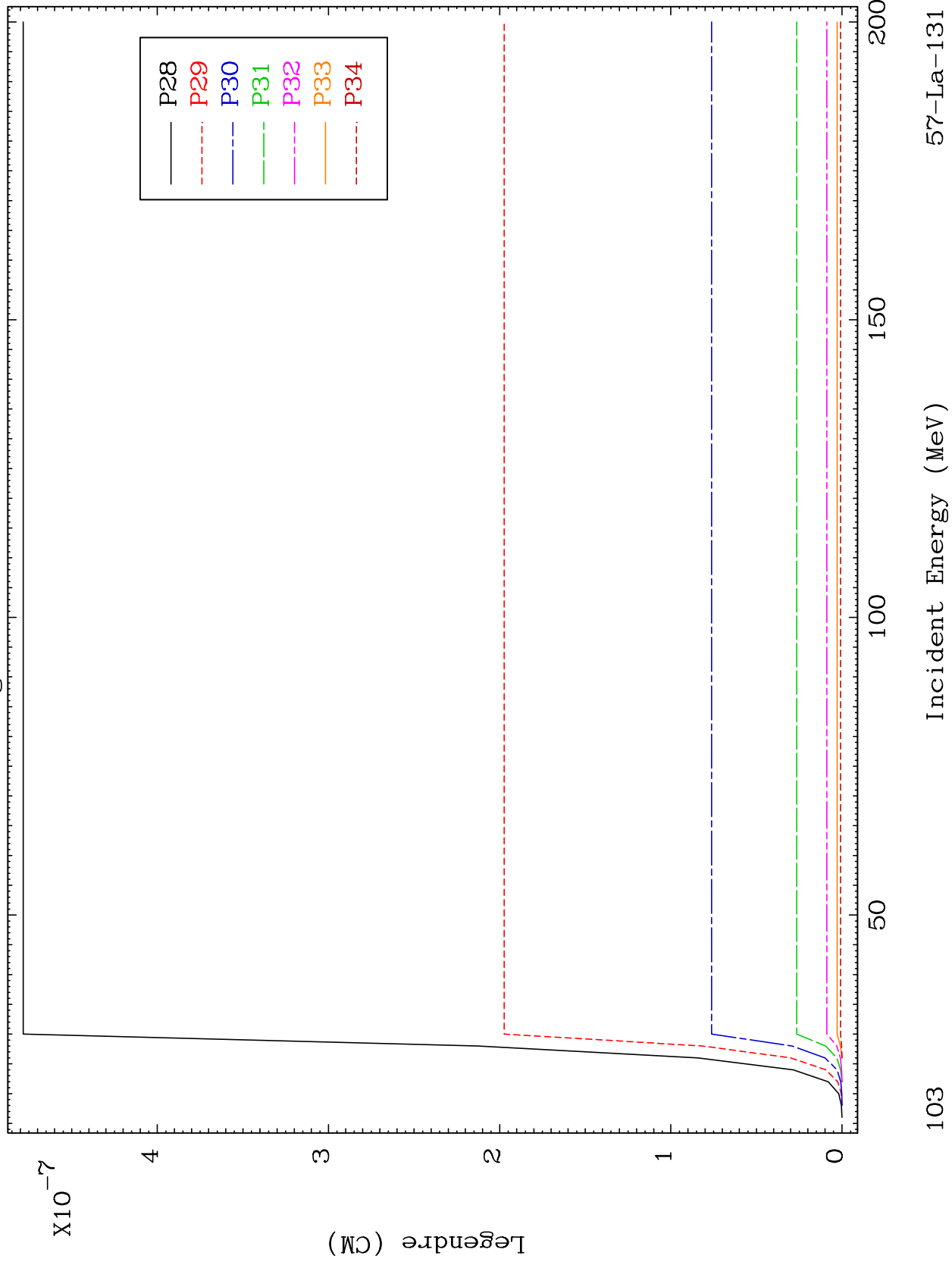
101



MAT 5704

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

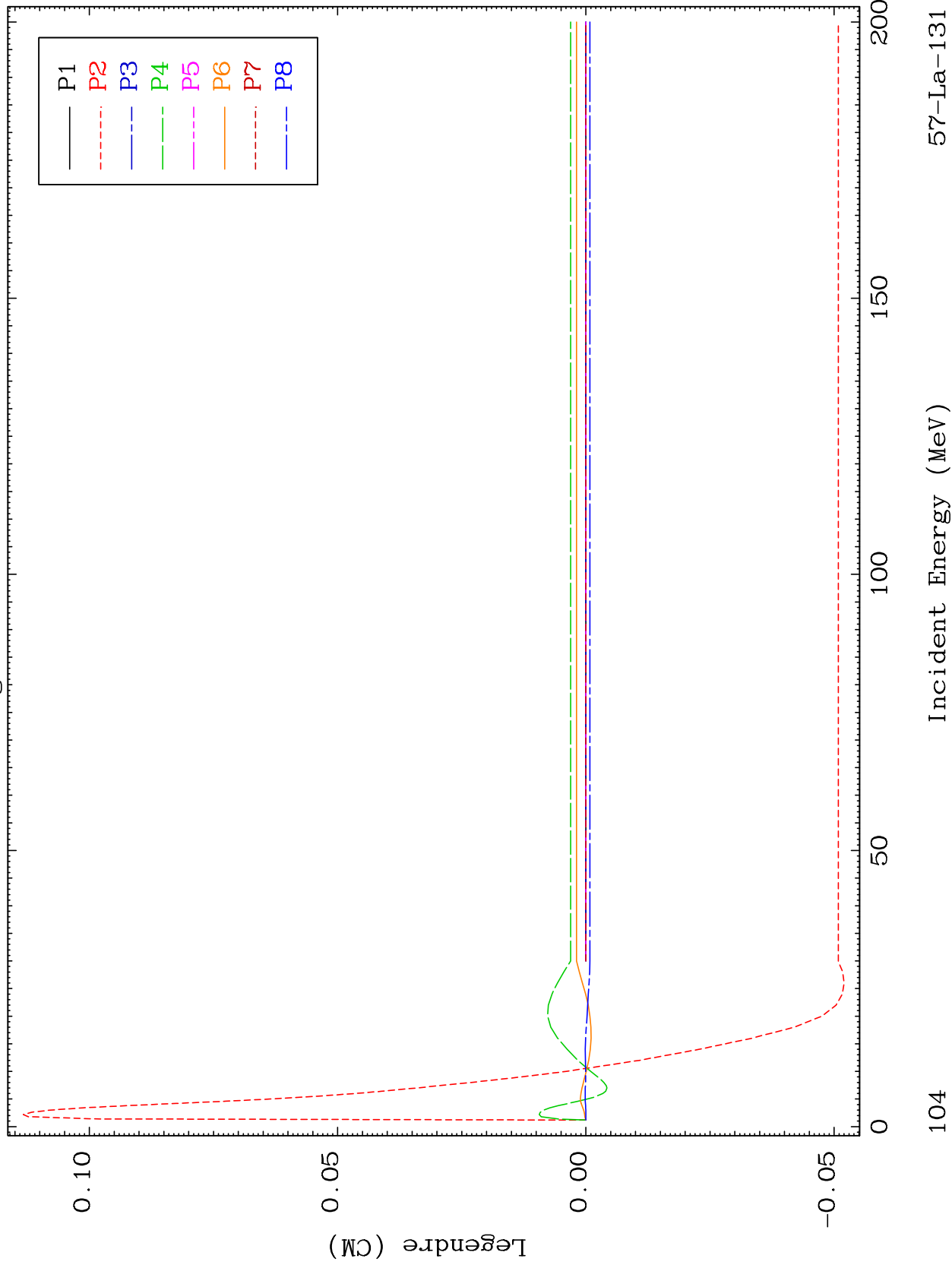
57-La-131

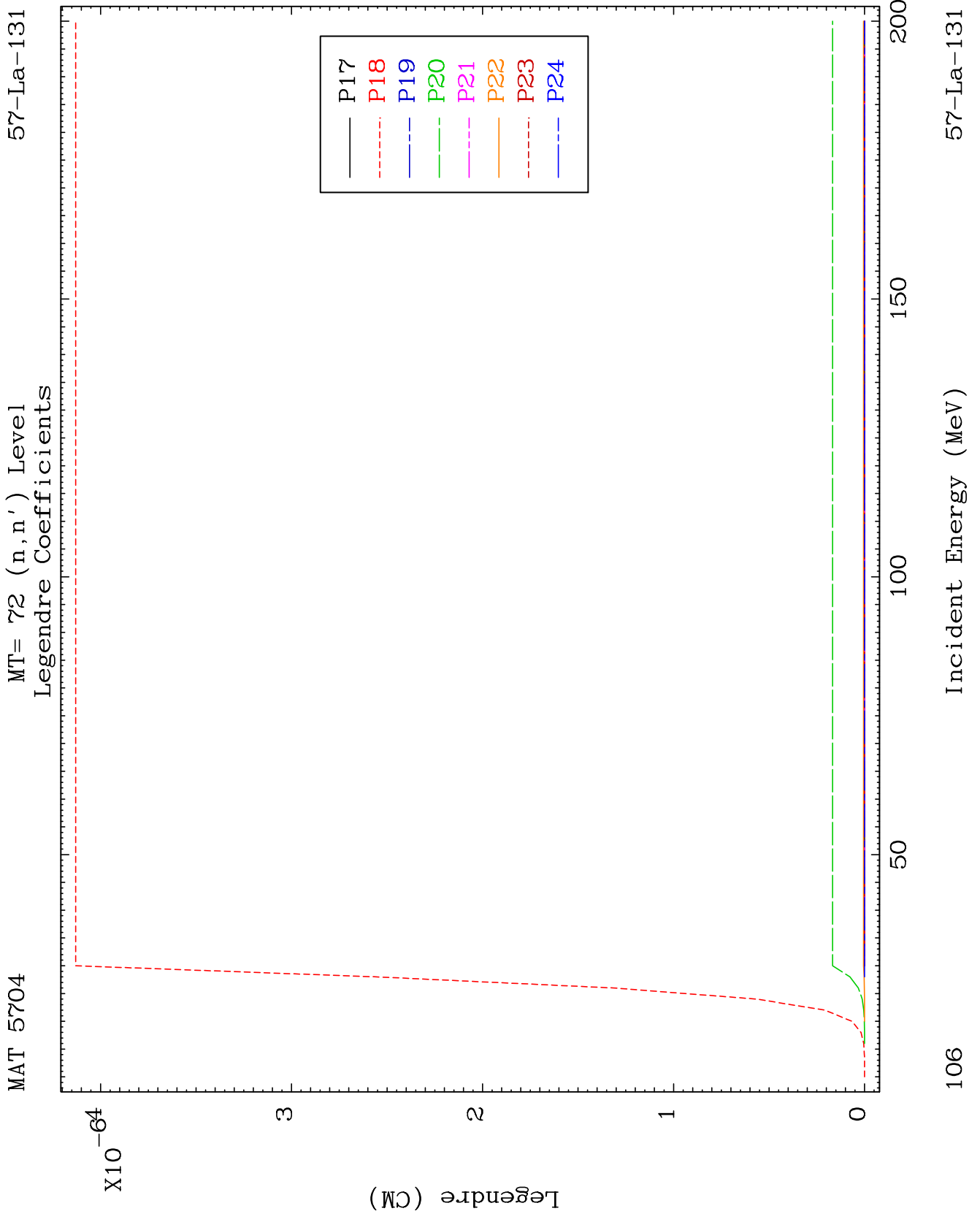


MAT 5704

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

57-La-131

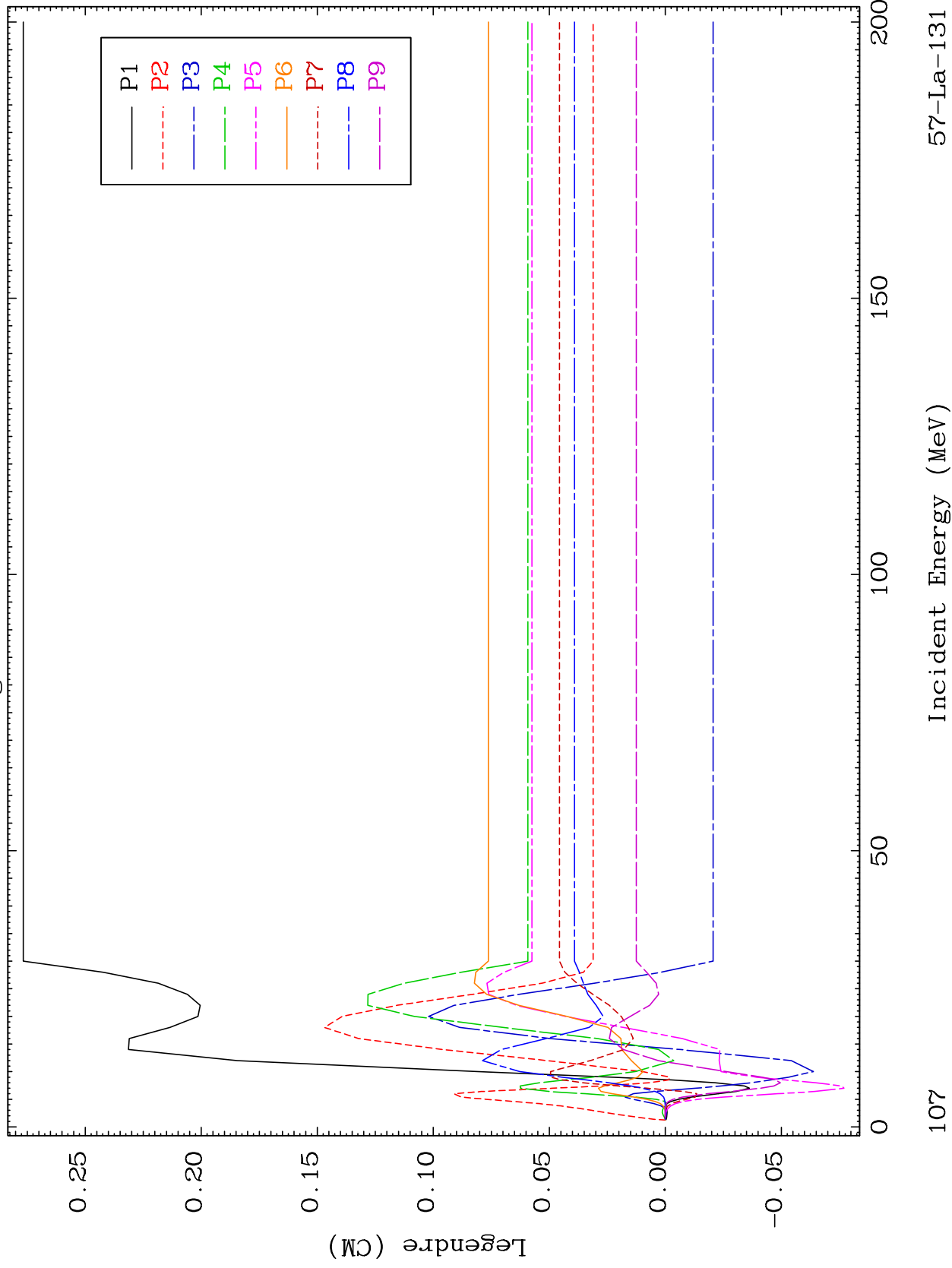




MAT 5704

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

57-La-131



57-La-131

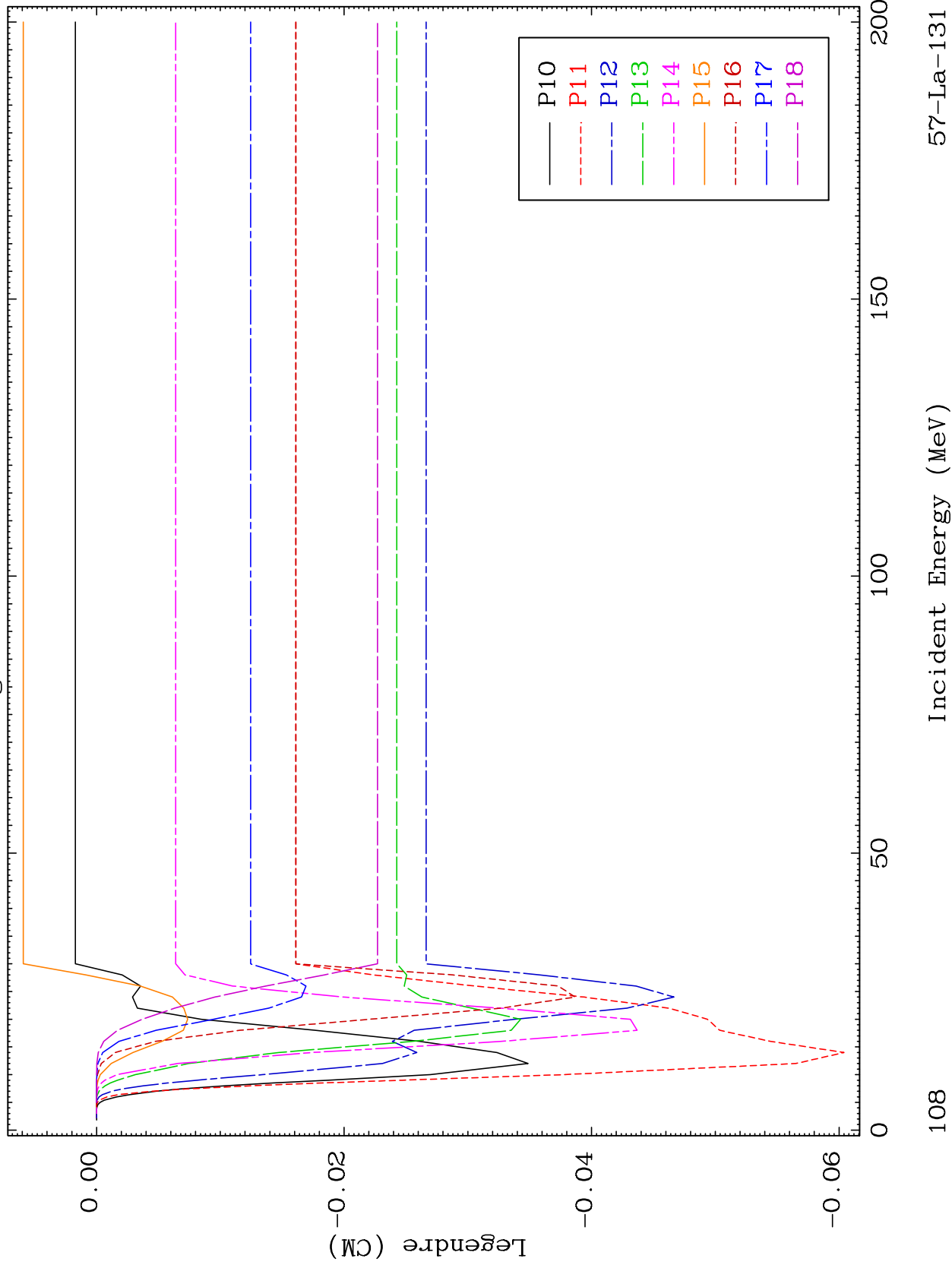
Incident Energy (MeV)

107

MAT 5704

57-La-131

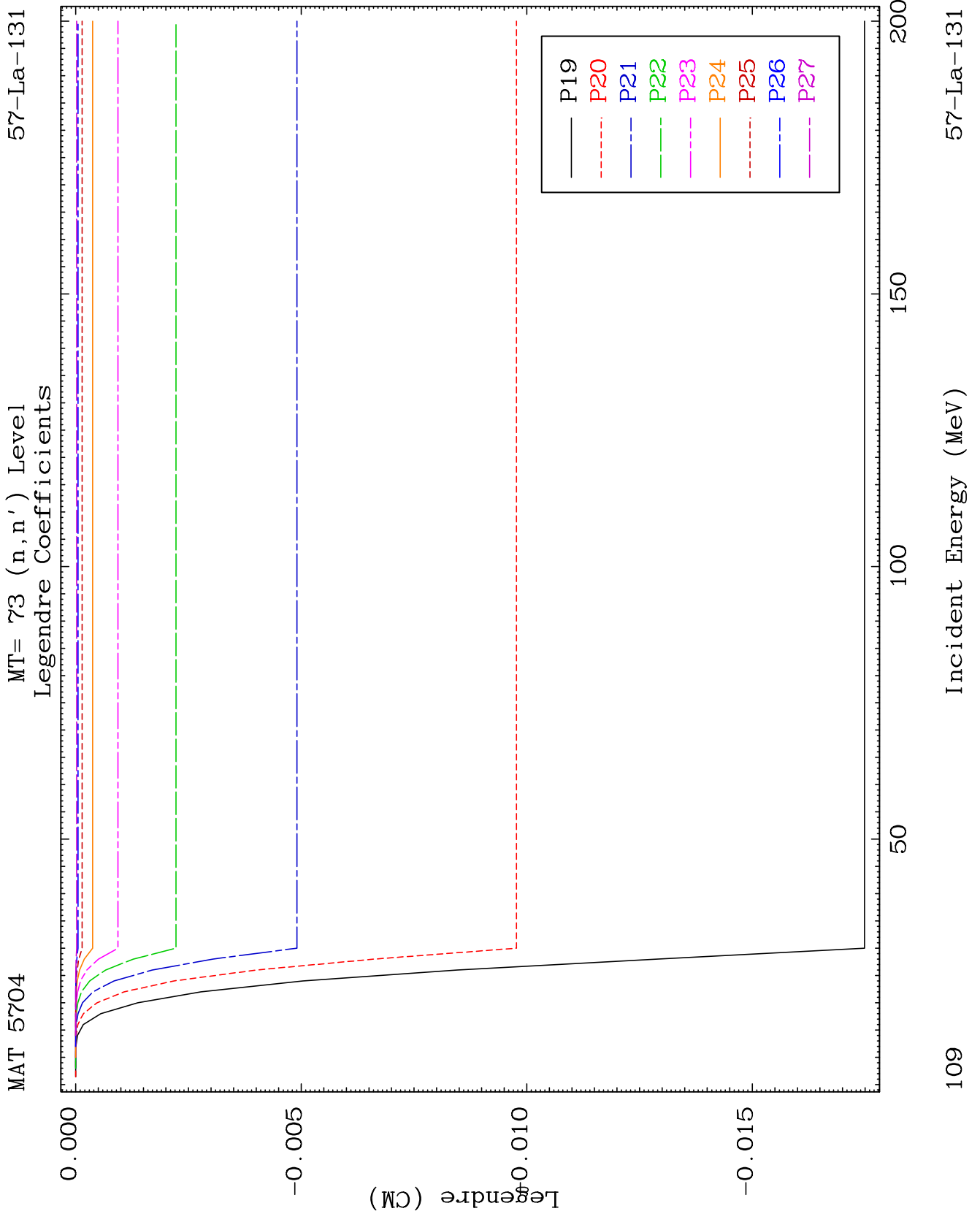
MT= 73 (n,n') Level
Legendre Coefficients

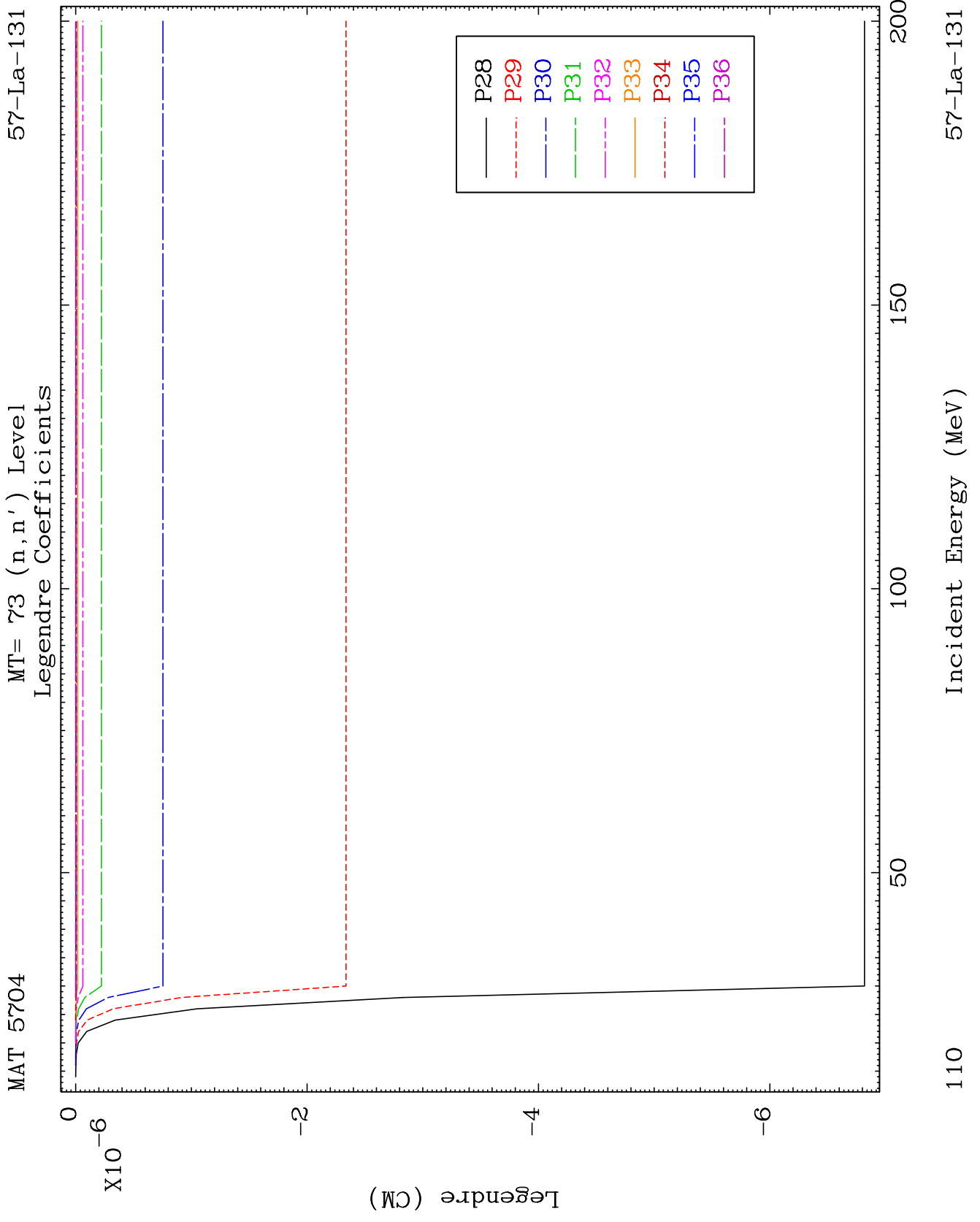


57-La-131

Incident Energy (MeV)

108

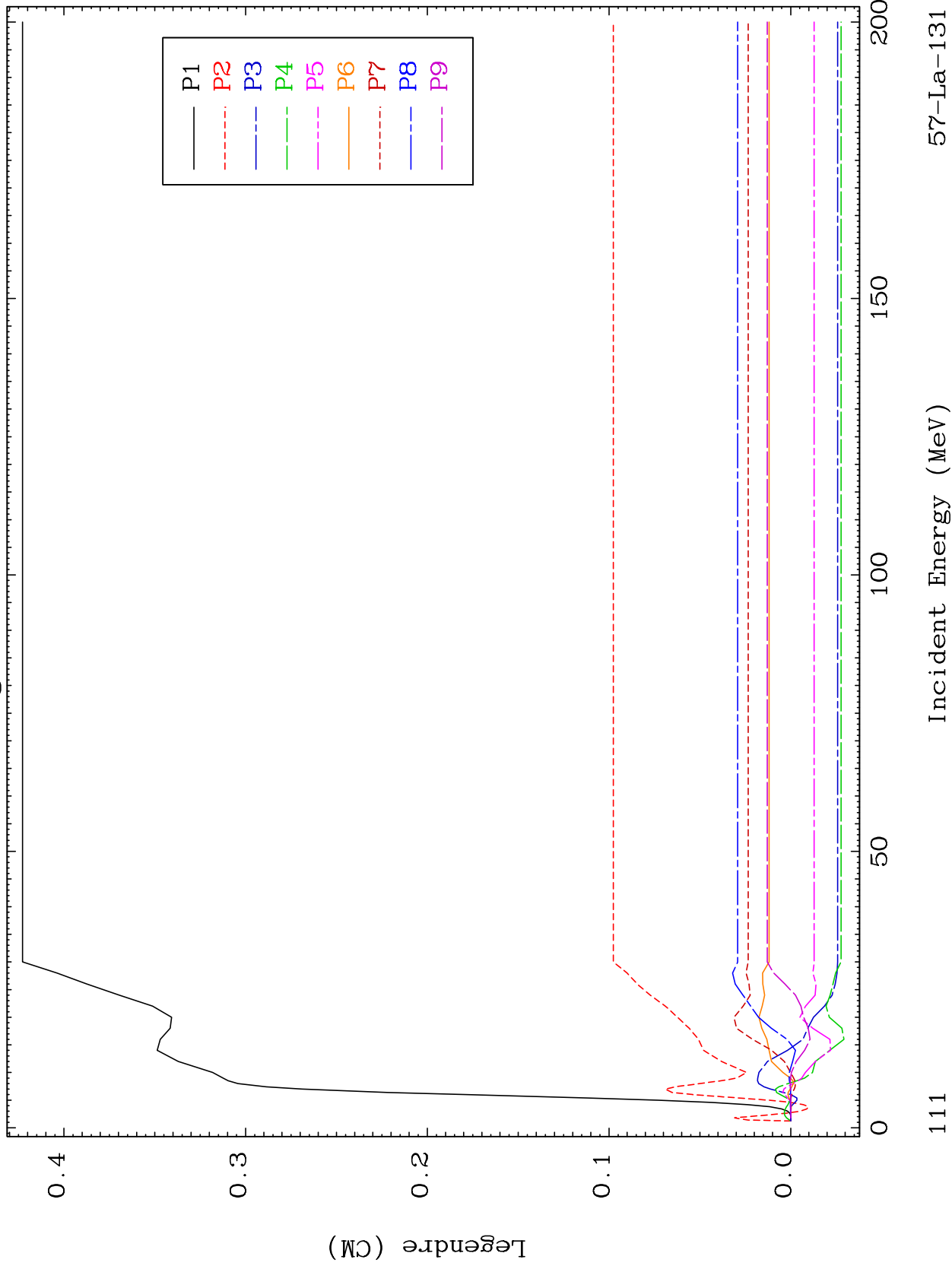




MAT 5704

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

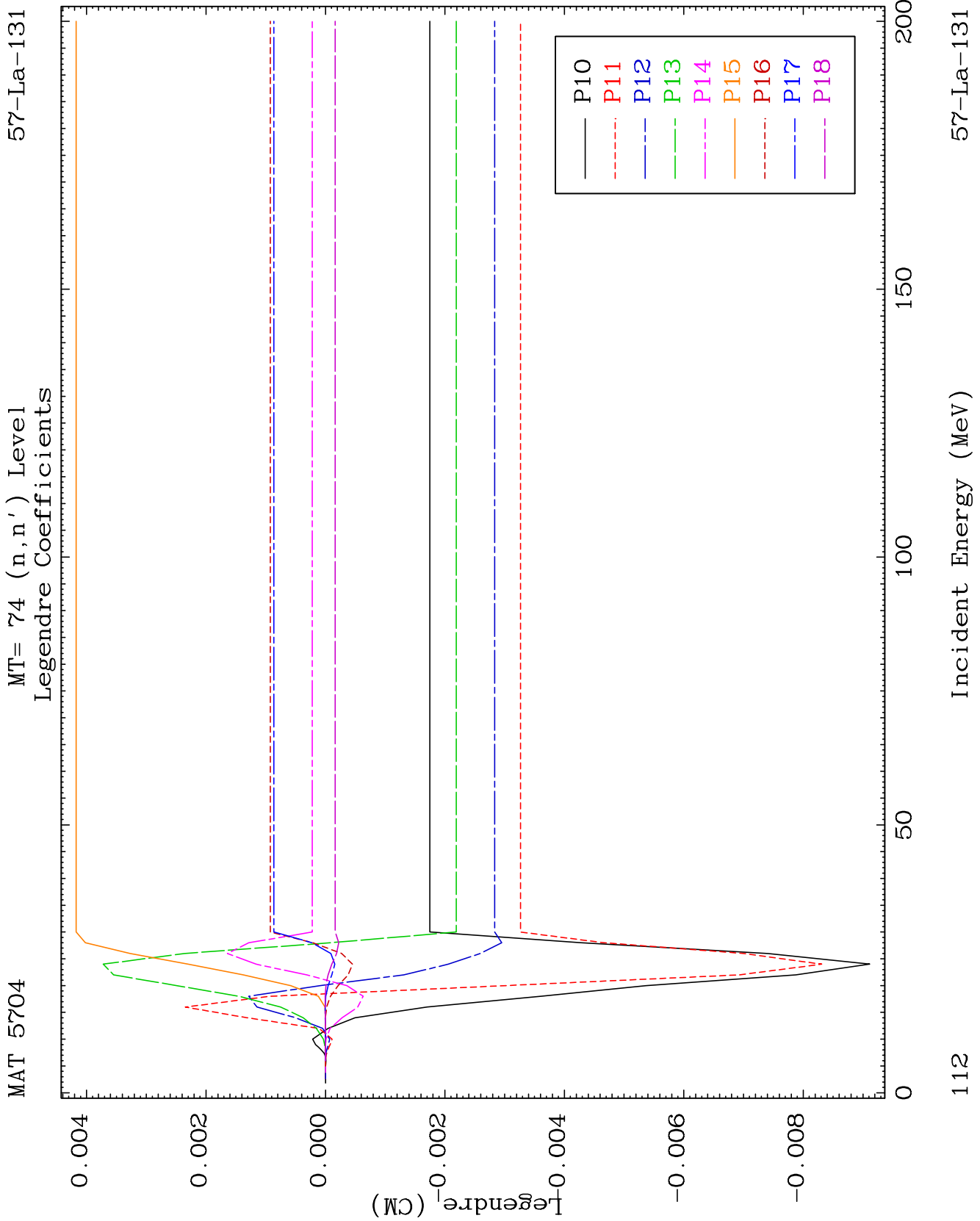
57-La-131

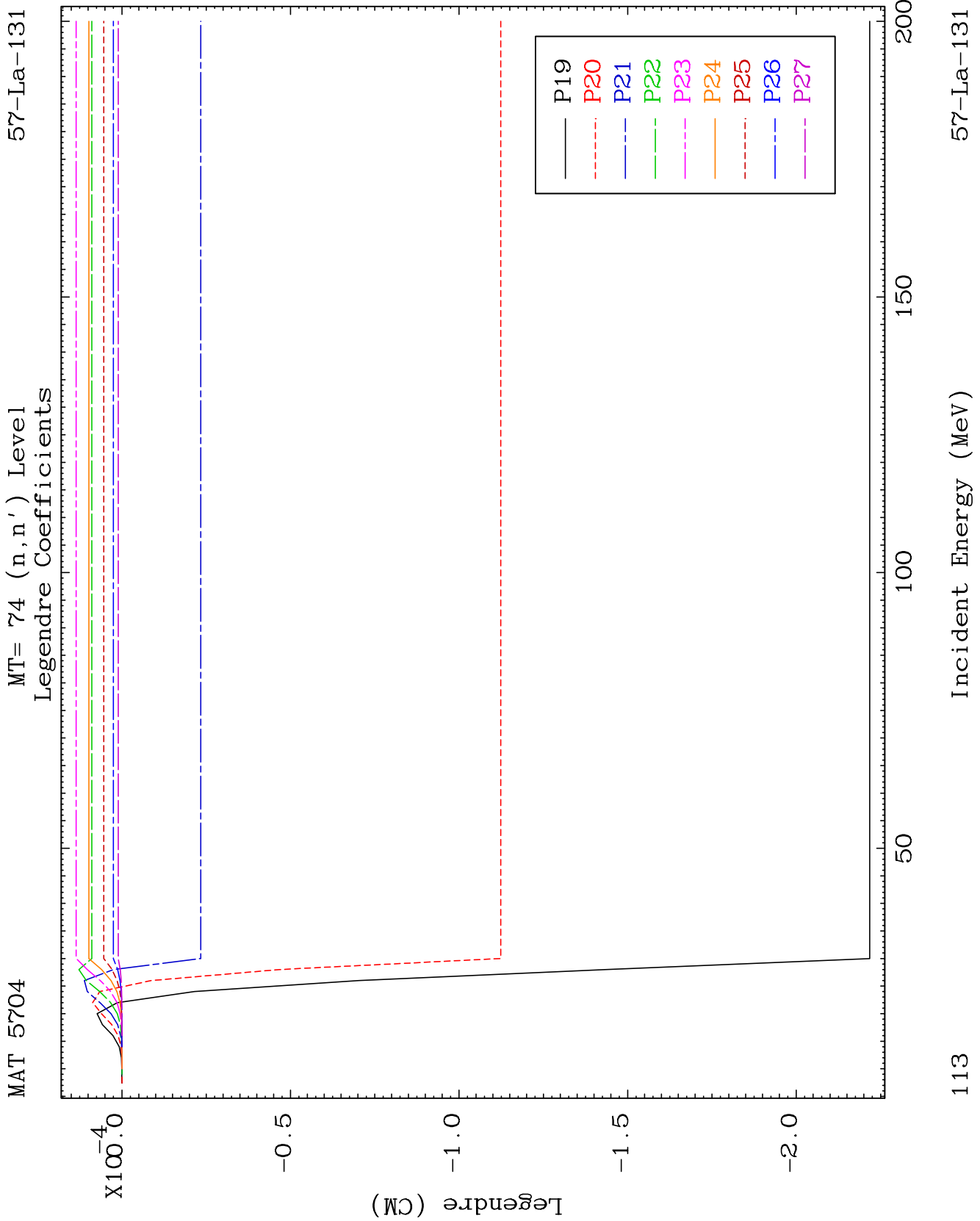


111

Incident Energy (MeV)

57-La-131

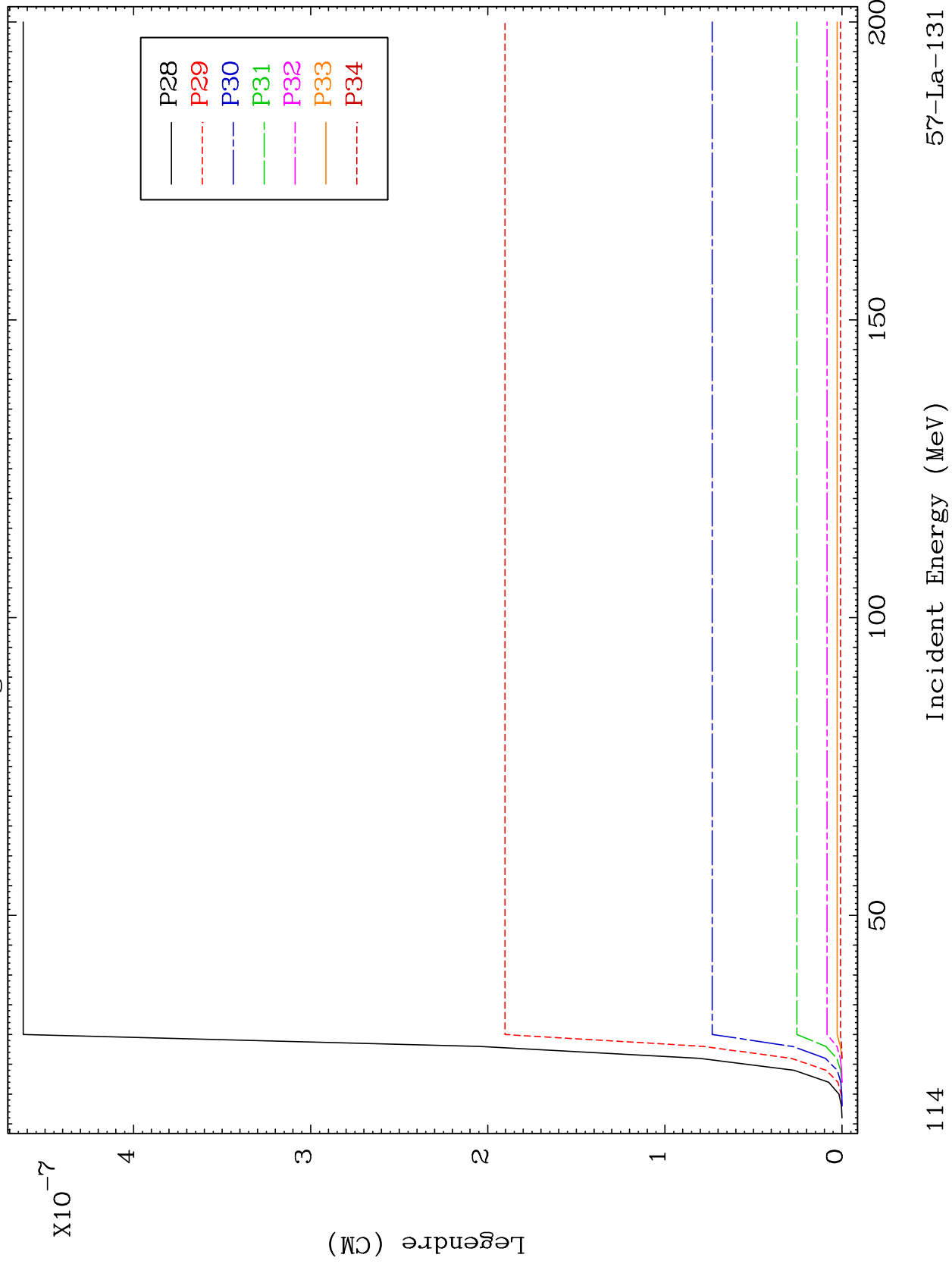




MAT 5704

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

57-La-131



114

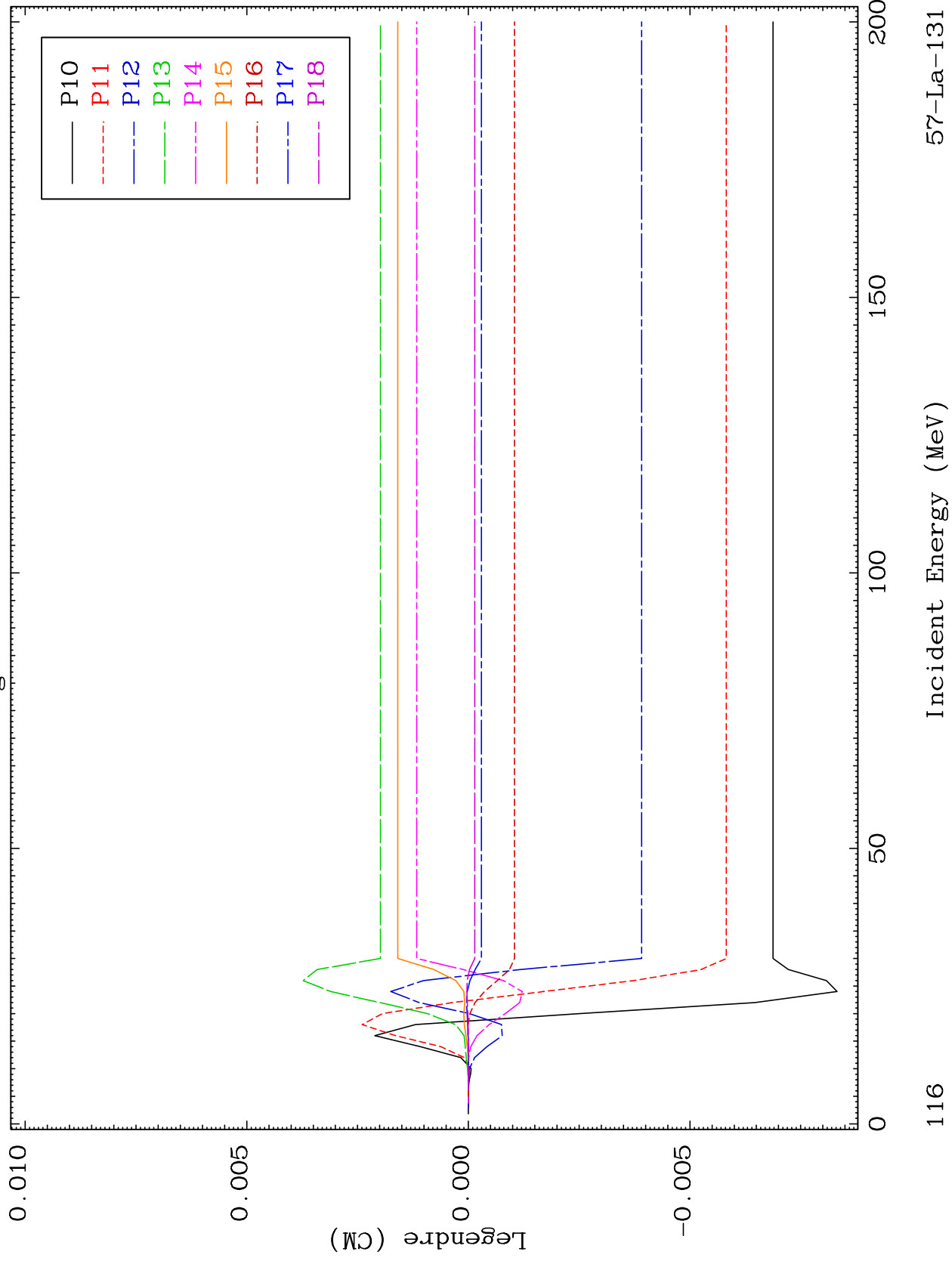
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



116

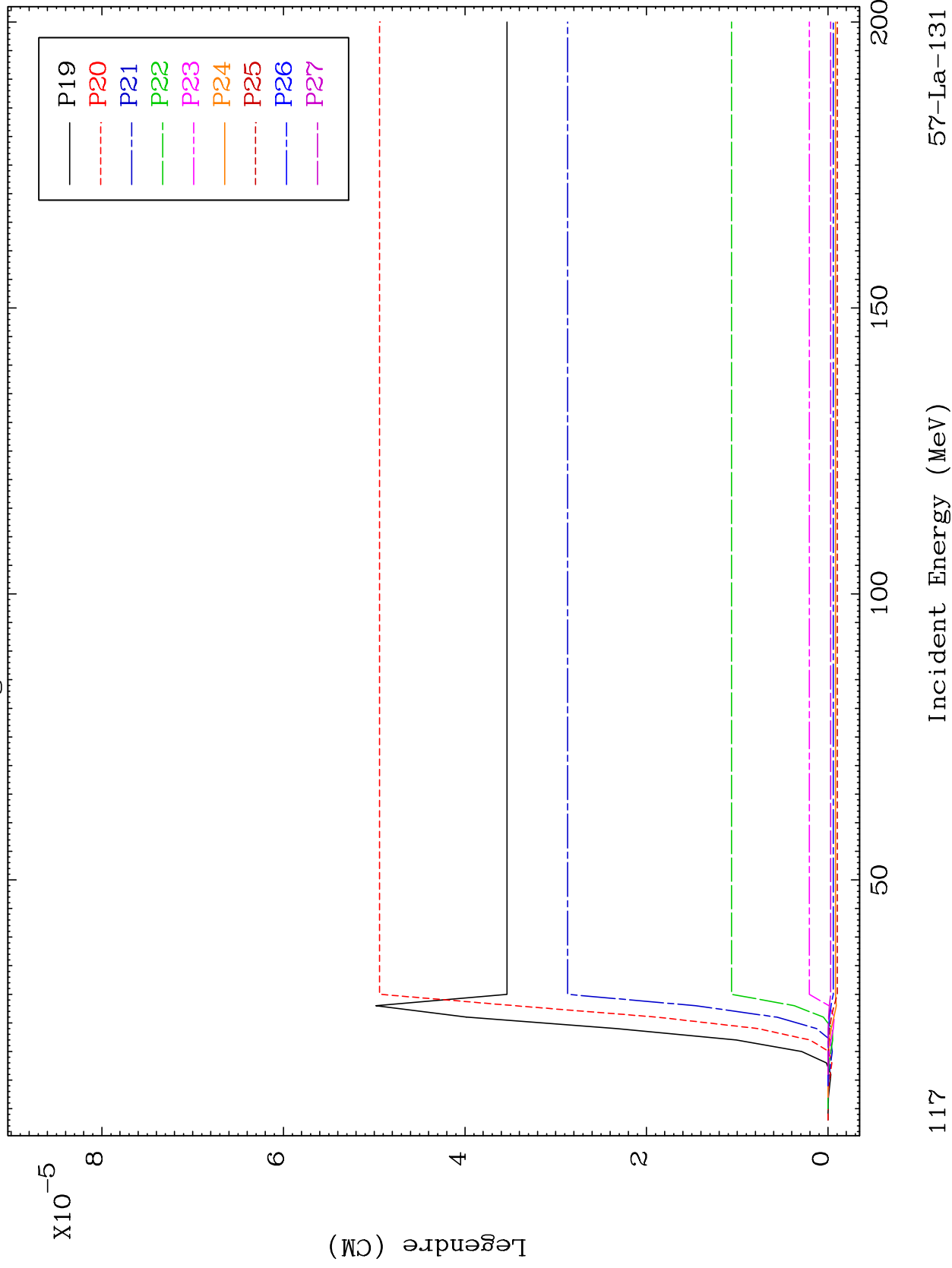
Incident Energy (MeV)

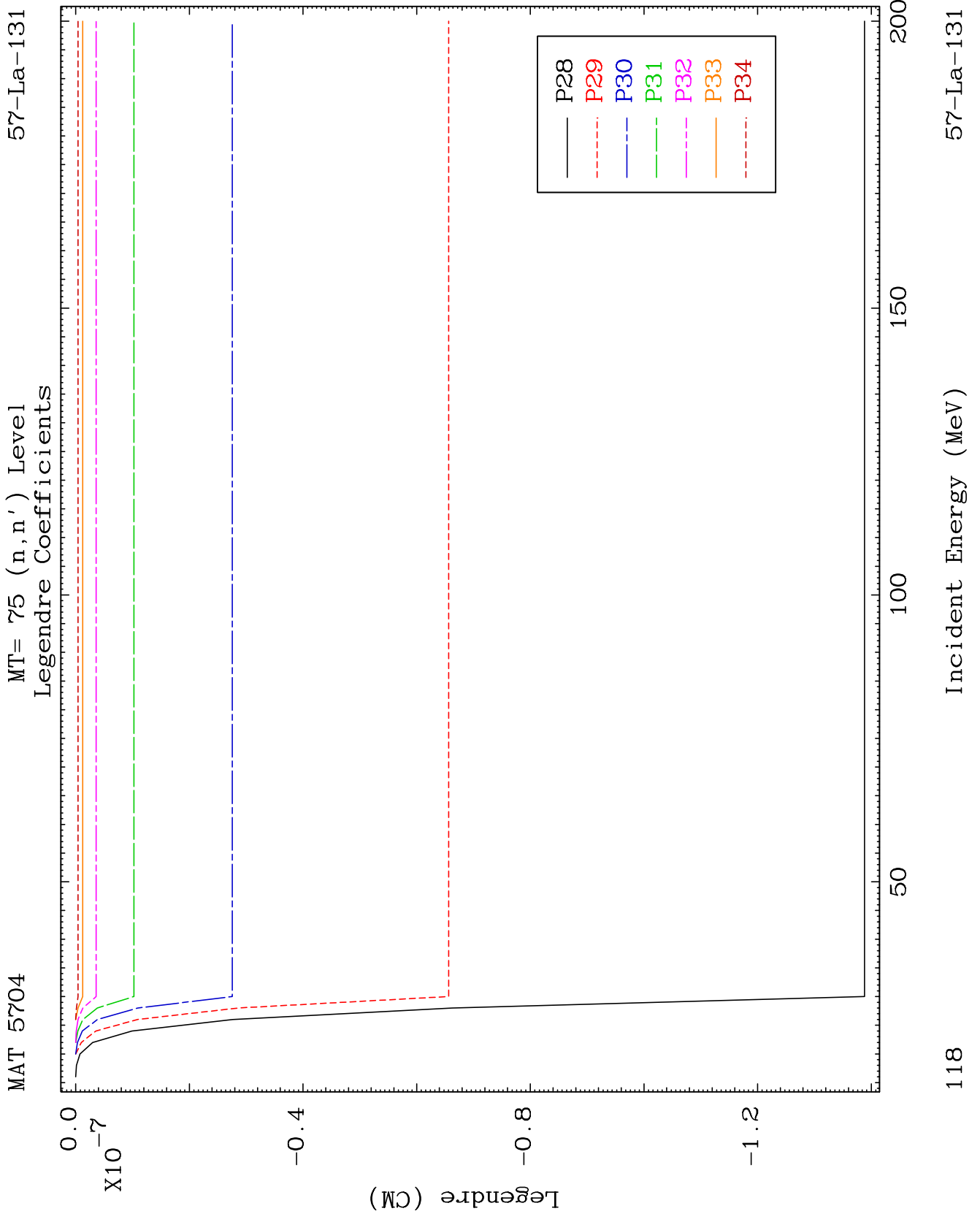
57-La-131

MAT 5704

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

57-La-131

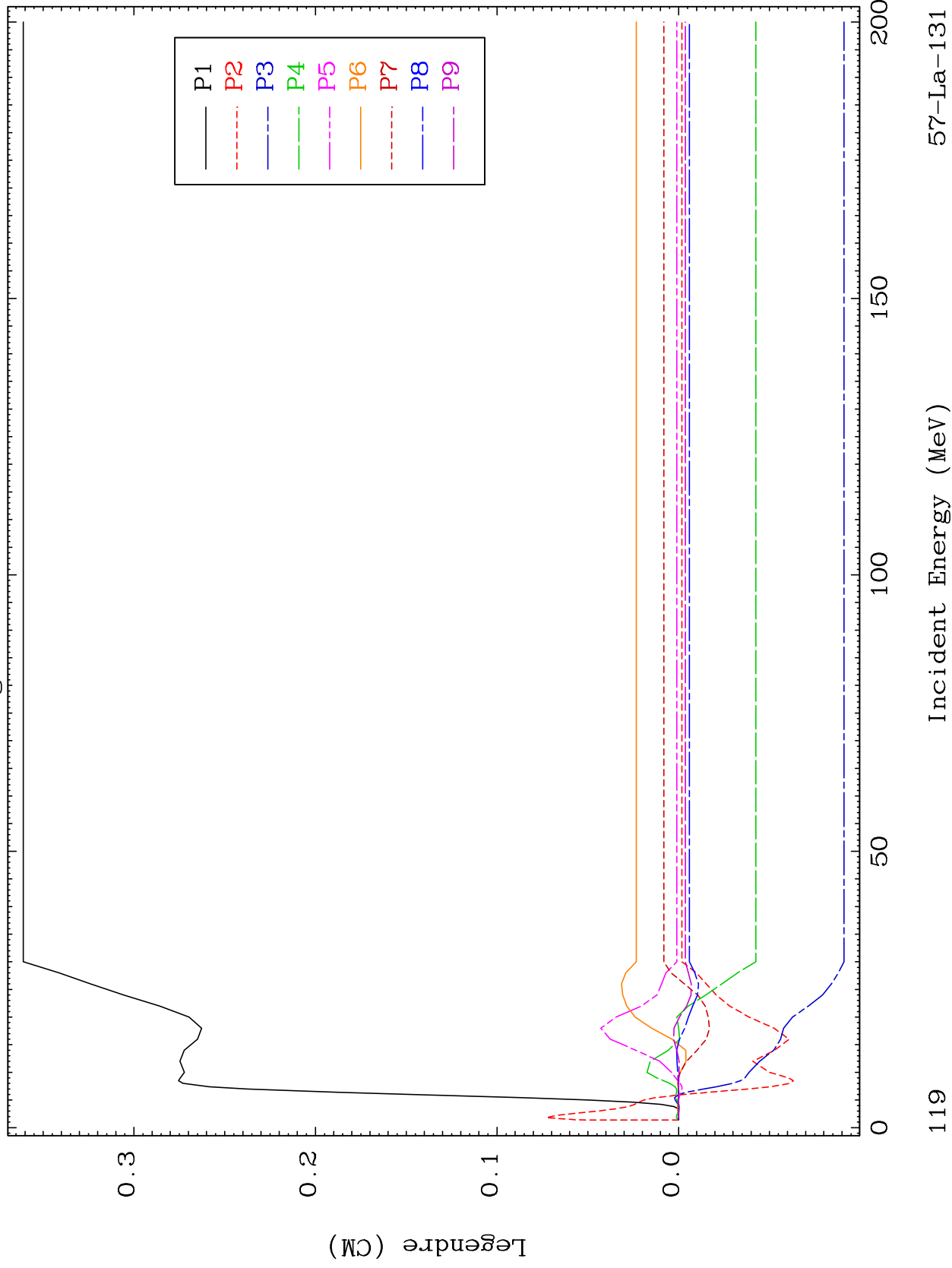




MAT 5704

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

57-La-131



57-La-131

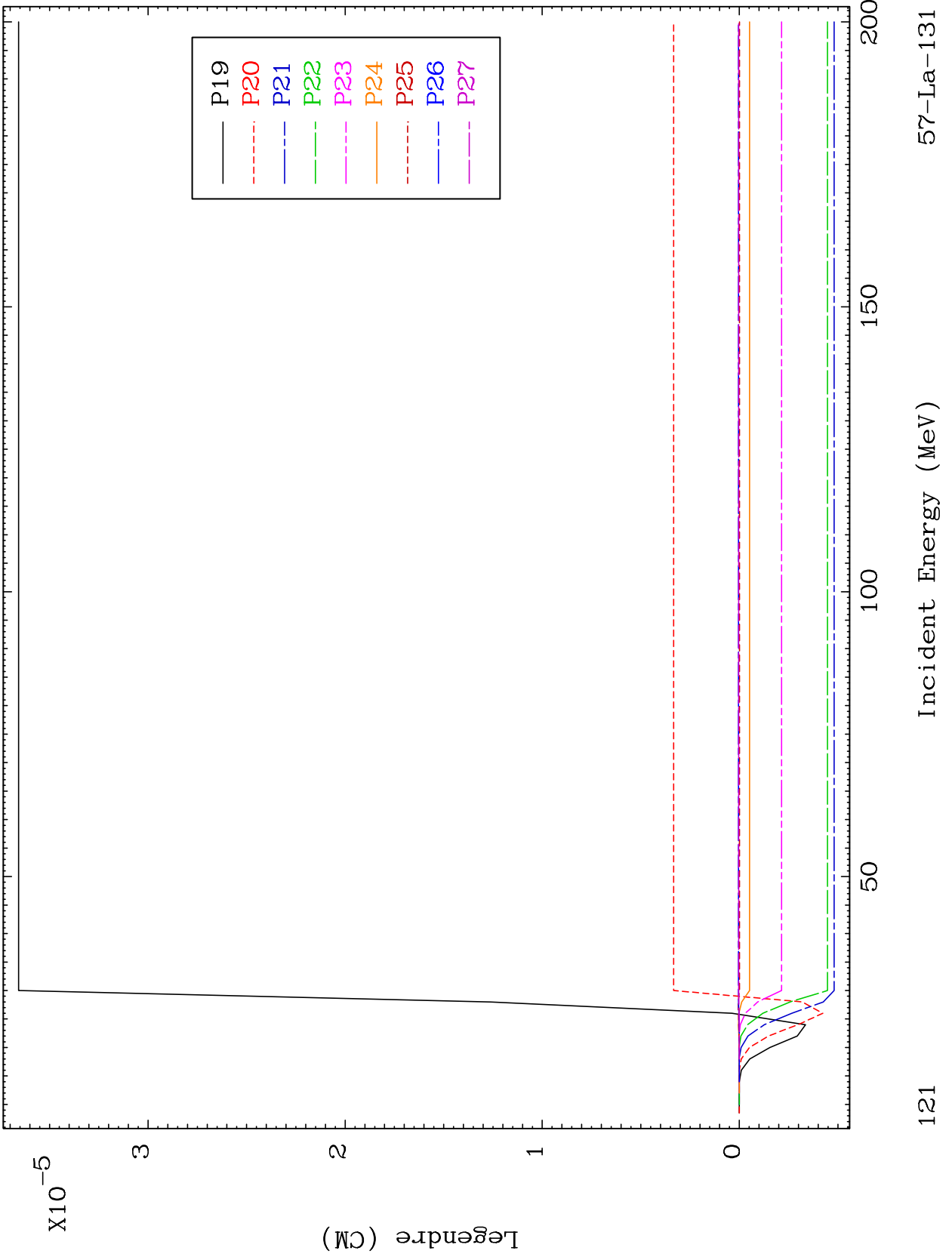
Incident Energy (MeV)

119

MAT 5704

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

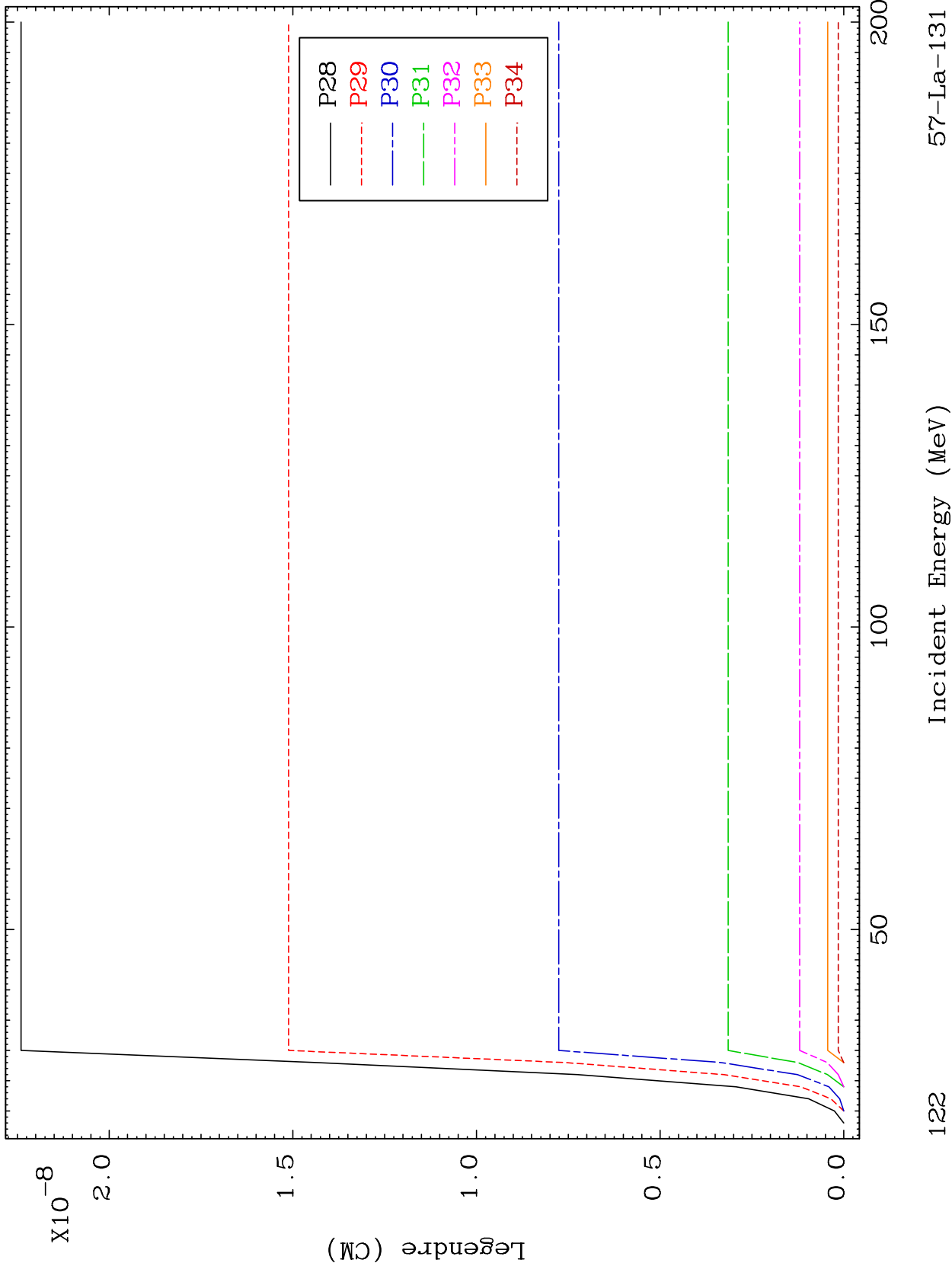
57-La-131

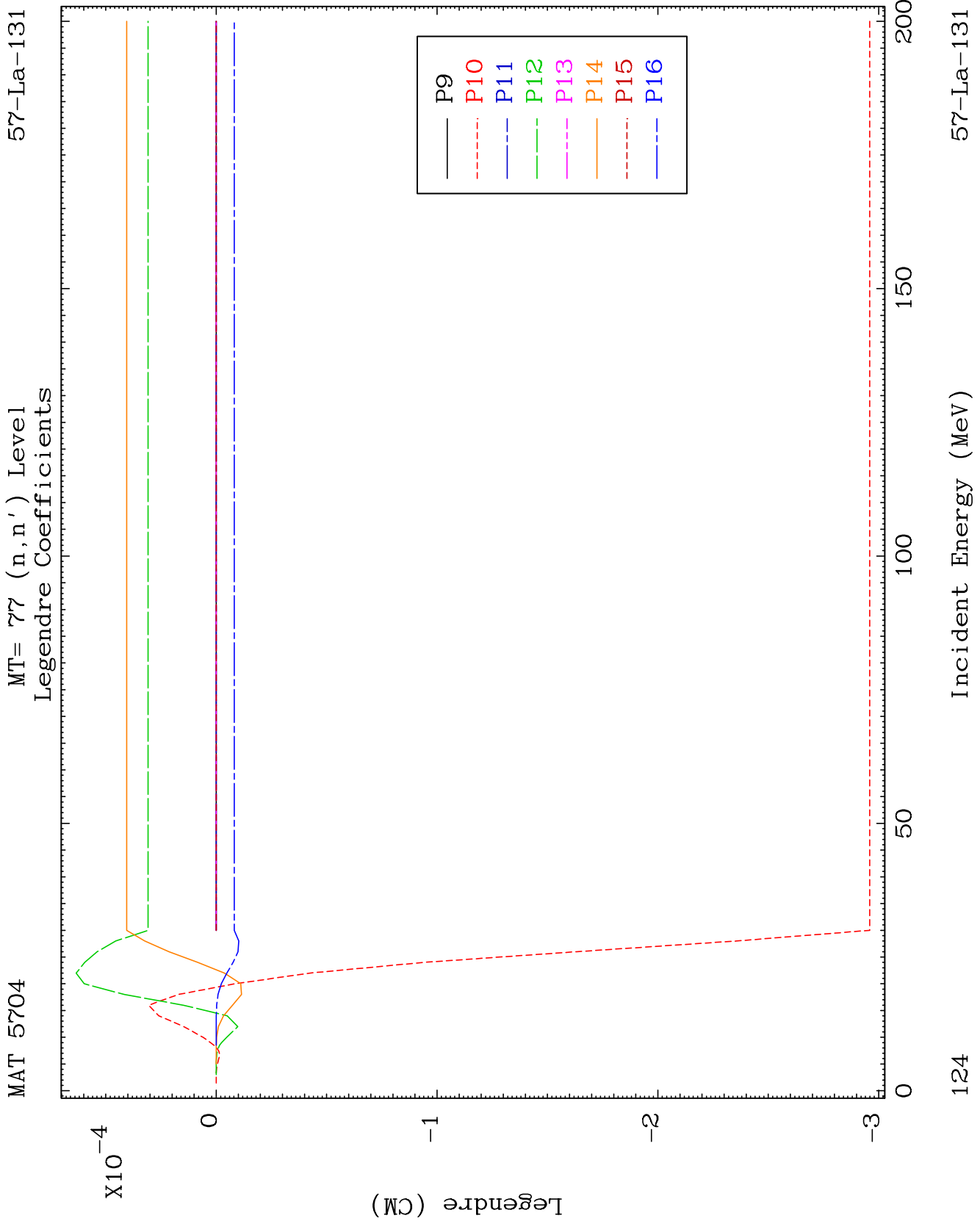


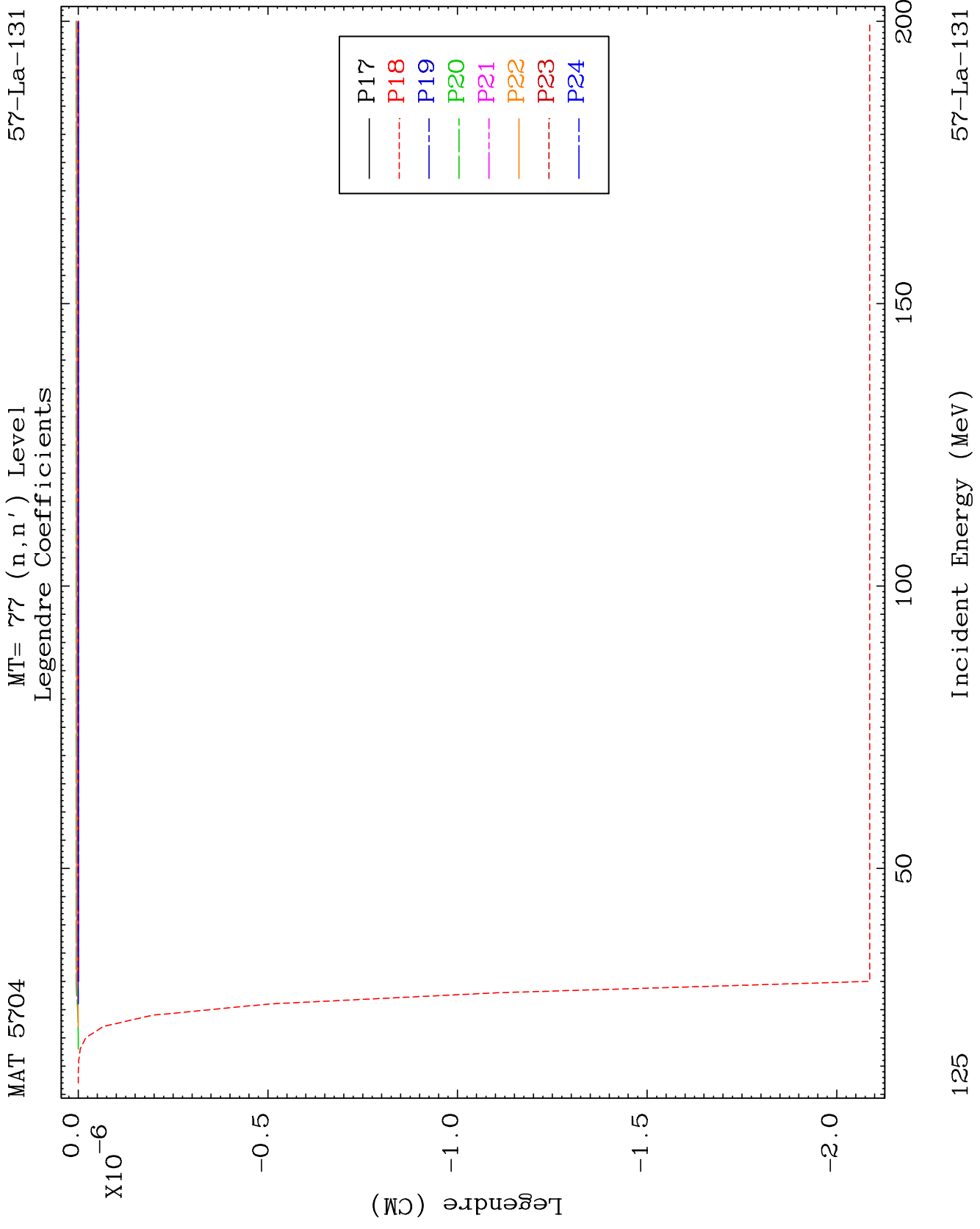
MAT 5704

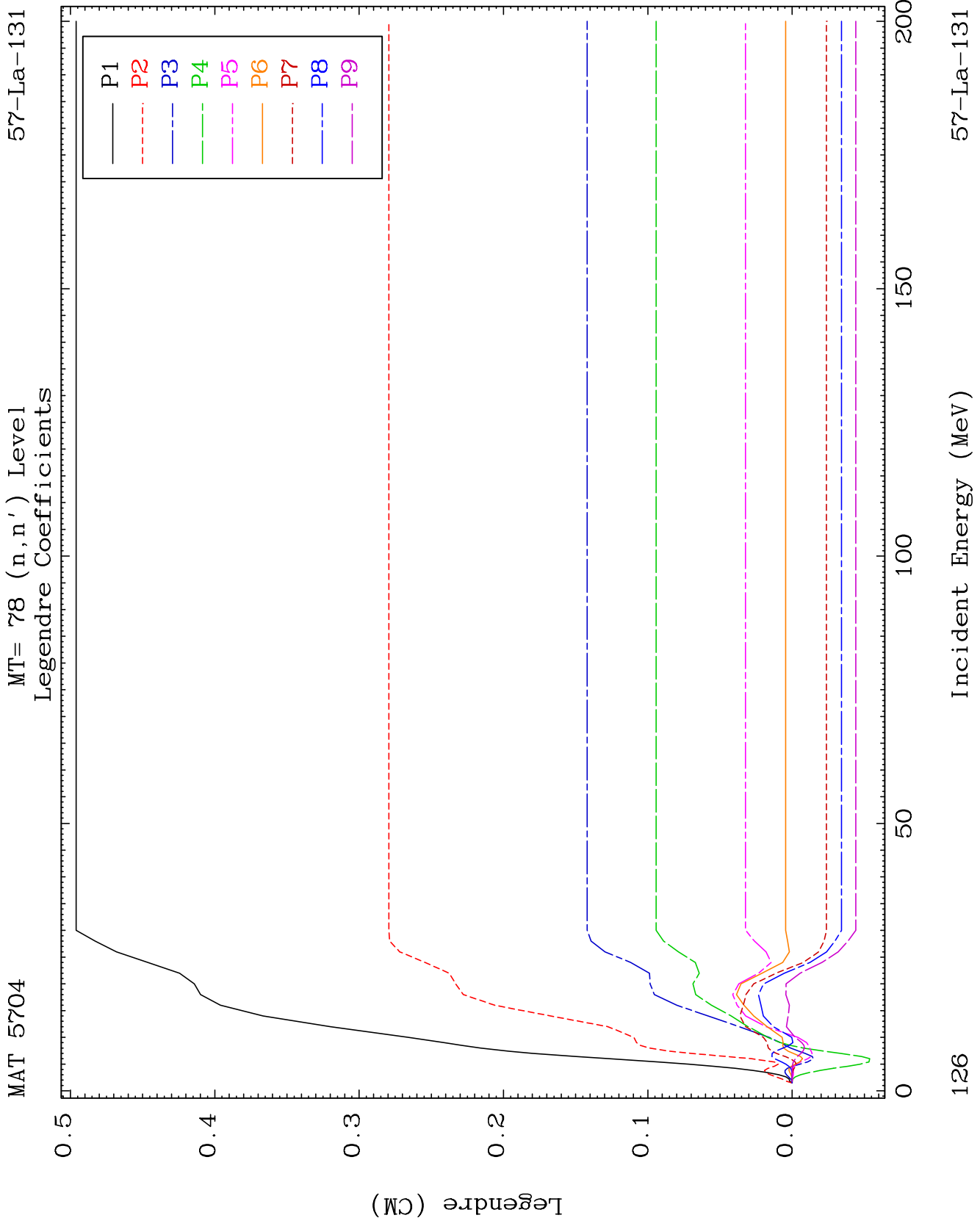
MT= 76 (n,n') Level
Legendre Coefficients

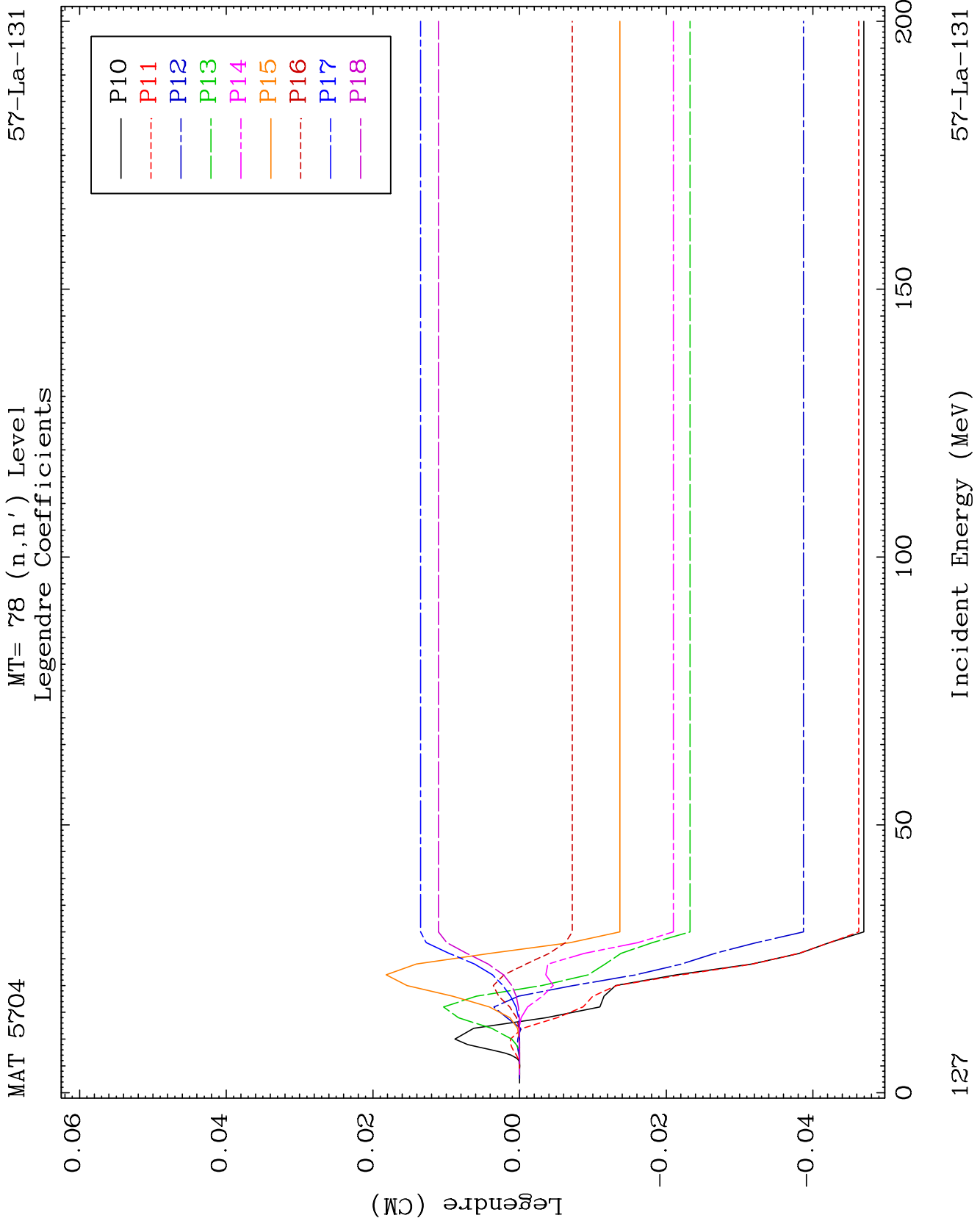
57-La-131







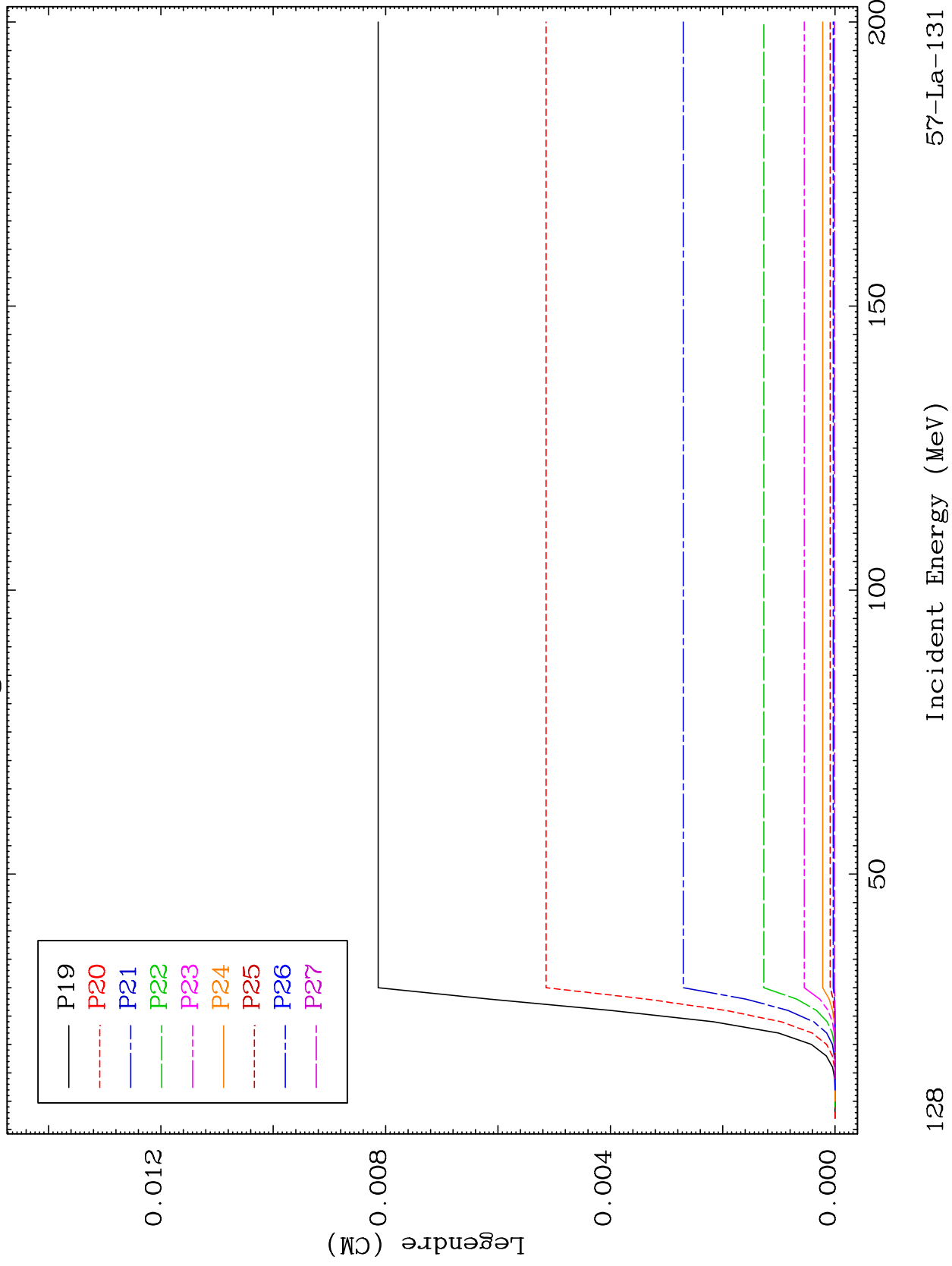




MAT 5704

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

57-La-131



128

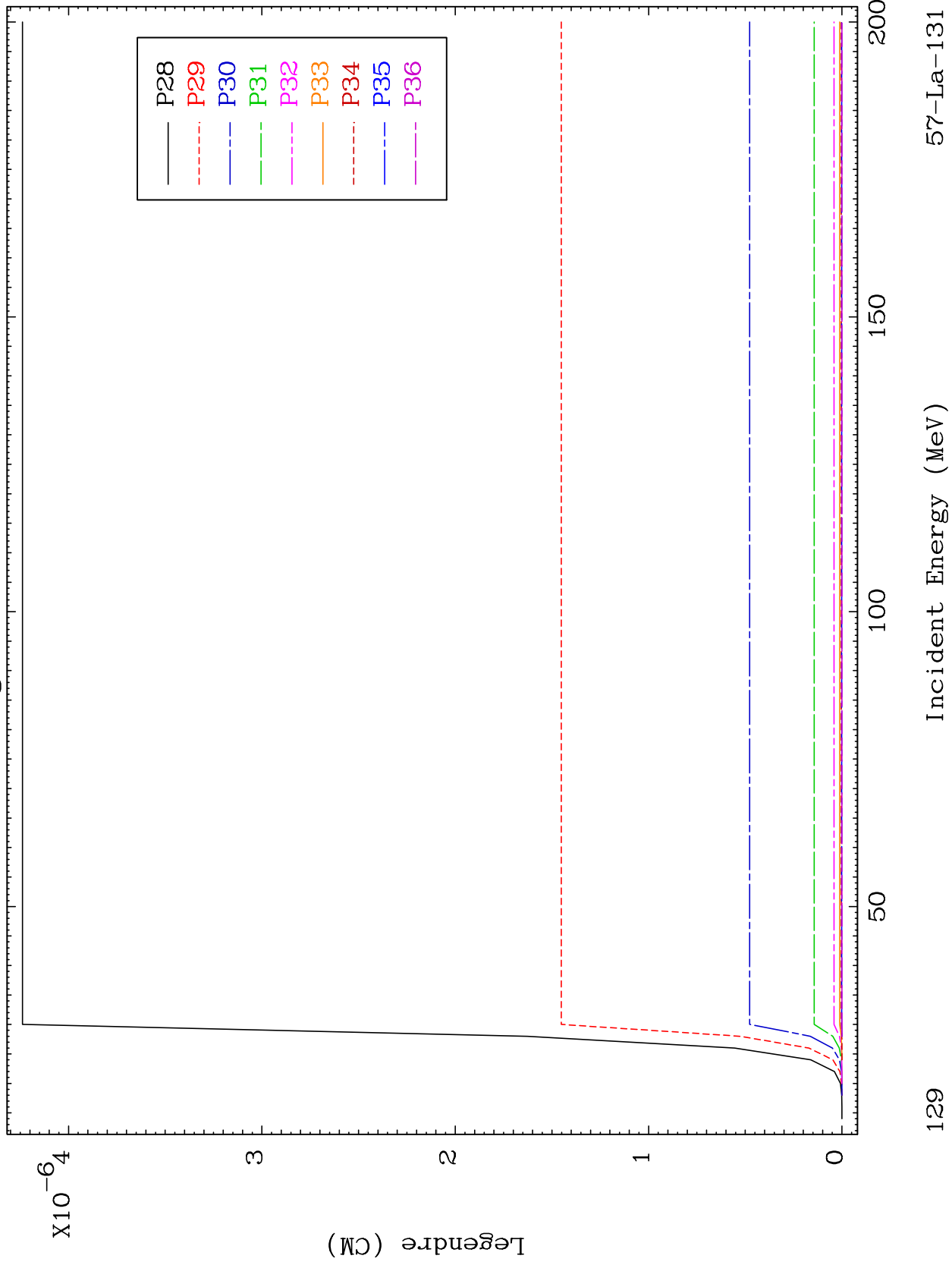
Incident Energy (MeV)

57-La-131

MAT 5704

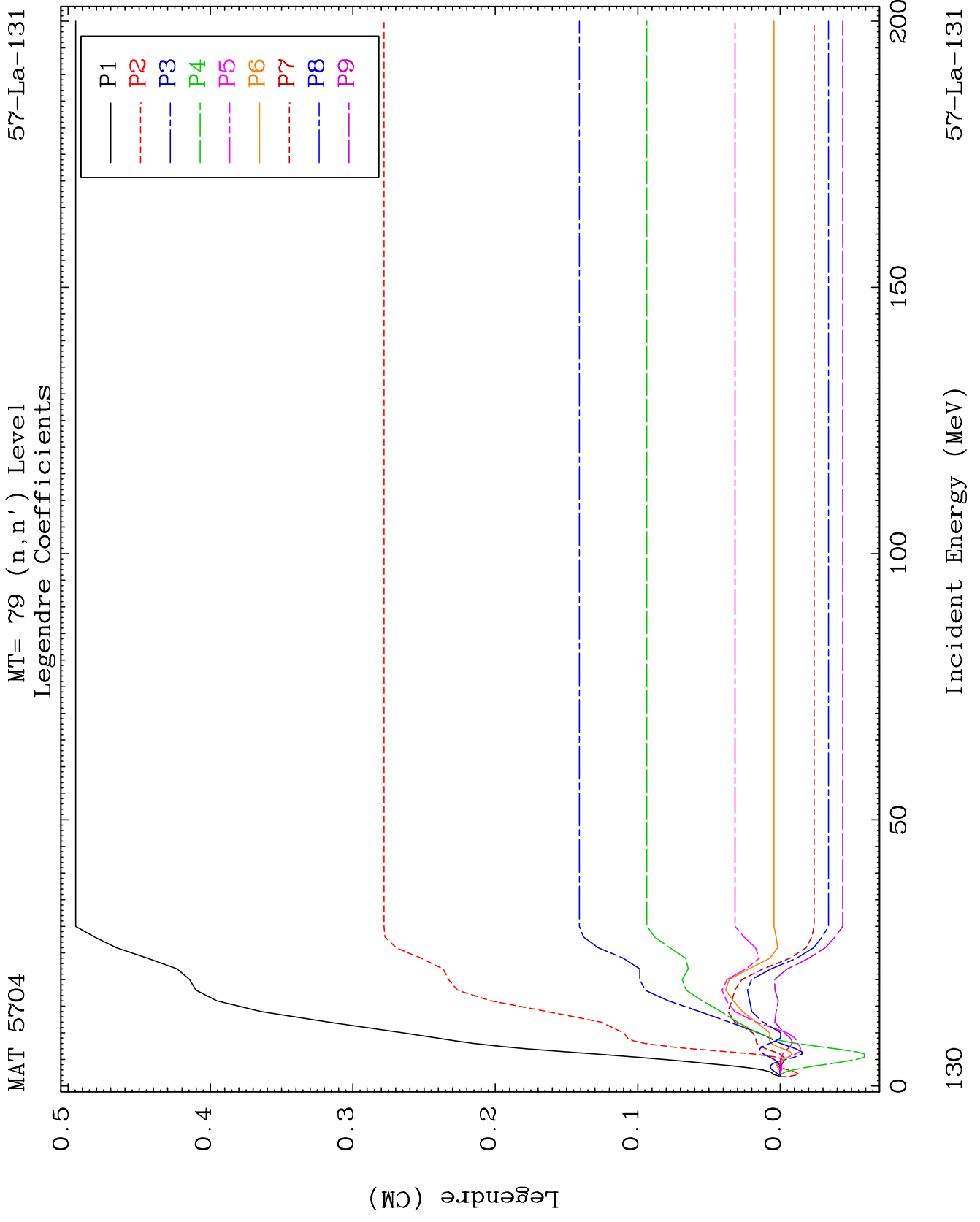
MT= 78 (n,n') Level
Legendre Coefficients

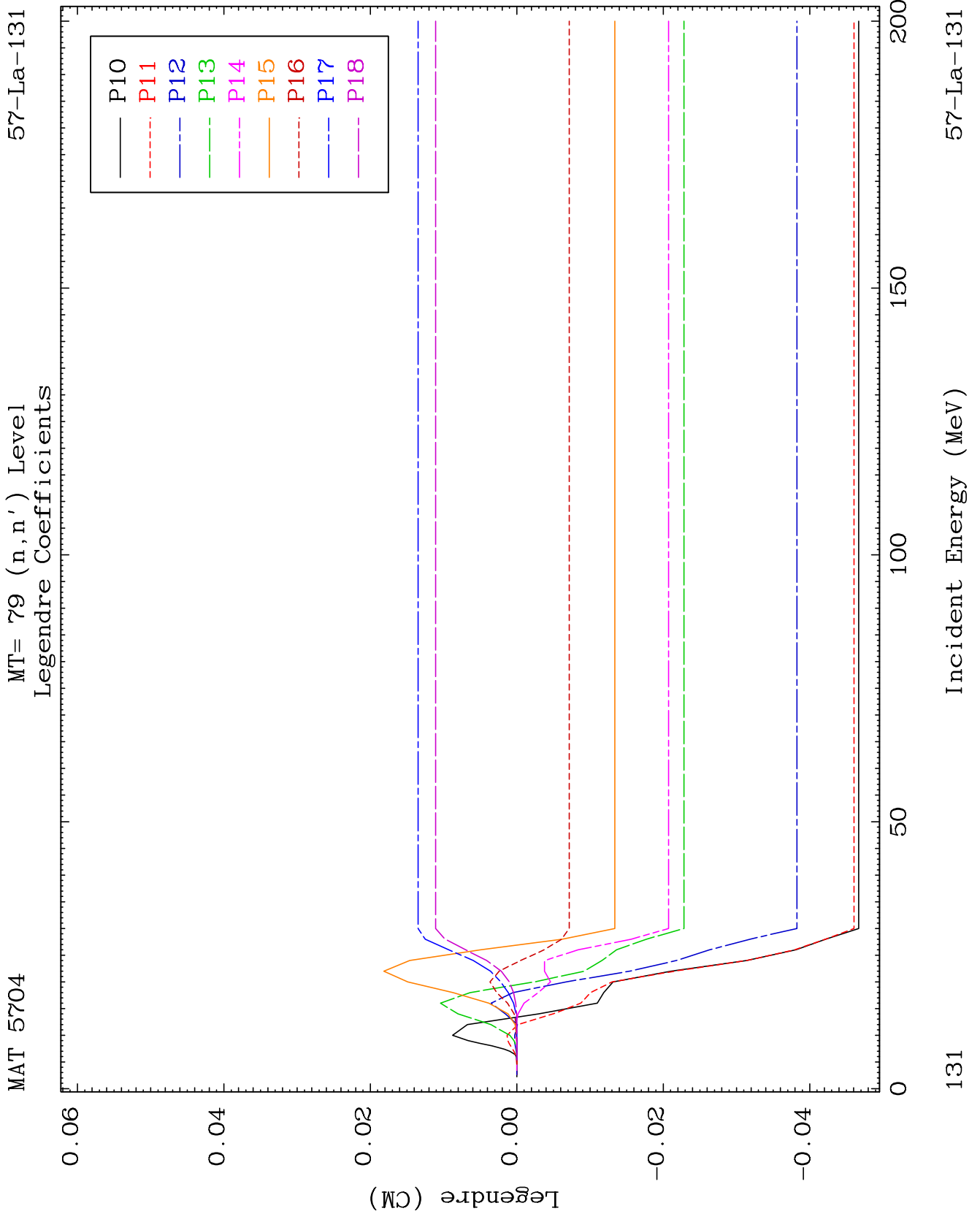
57-La-131



129

57-La-131

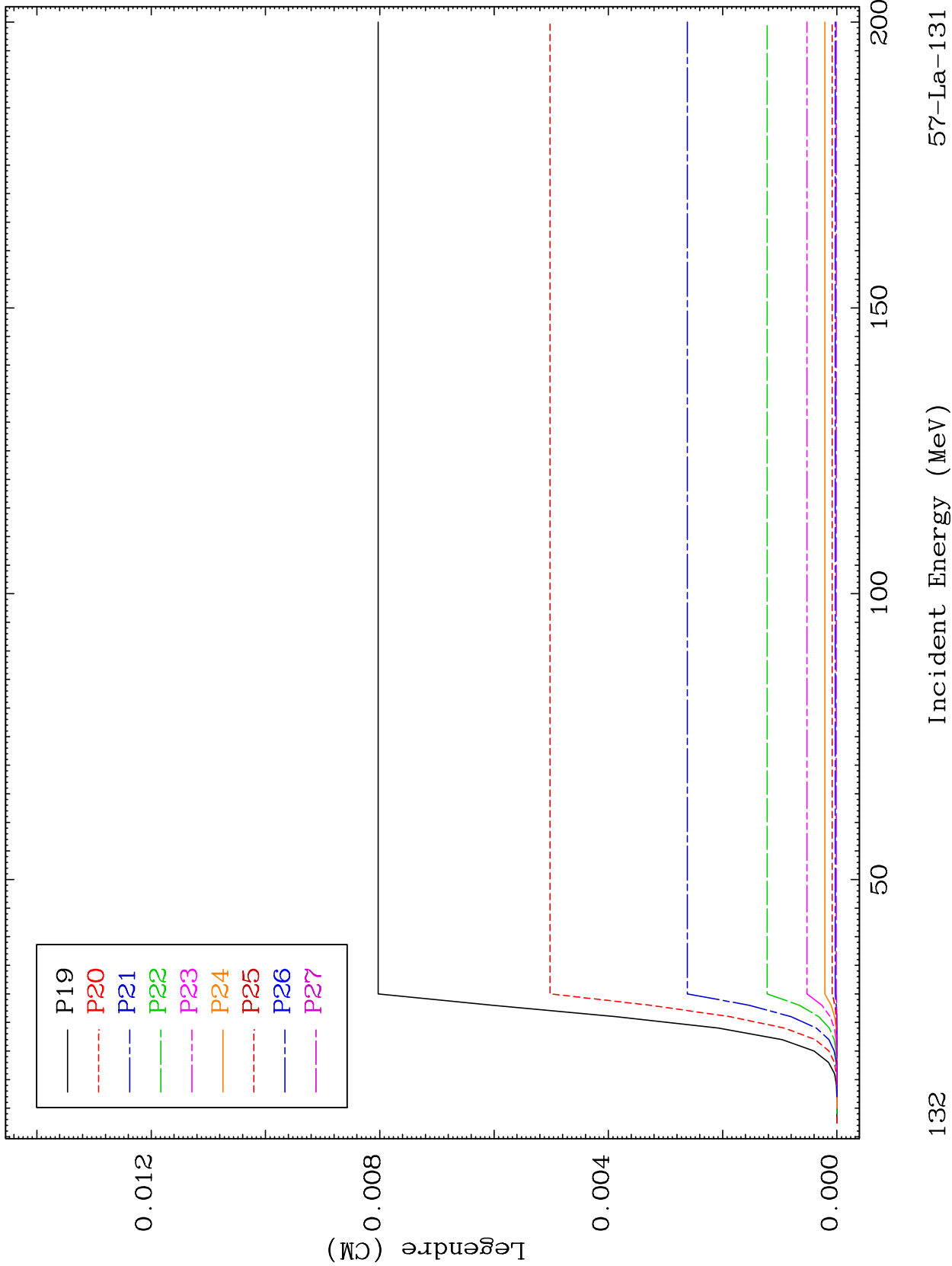




MAT 5704

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

57-La-131



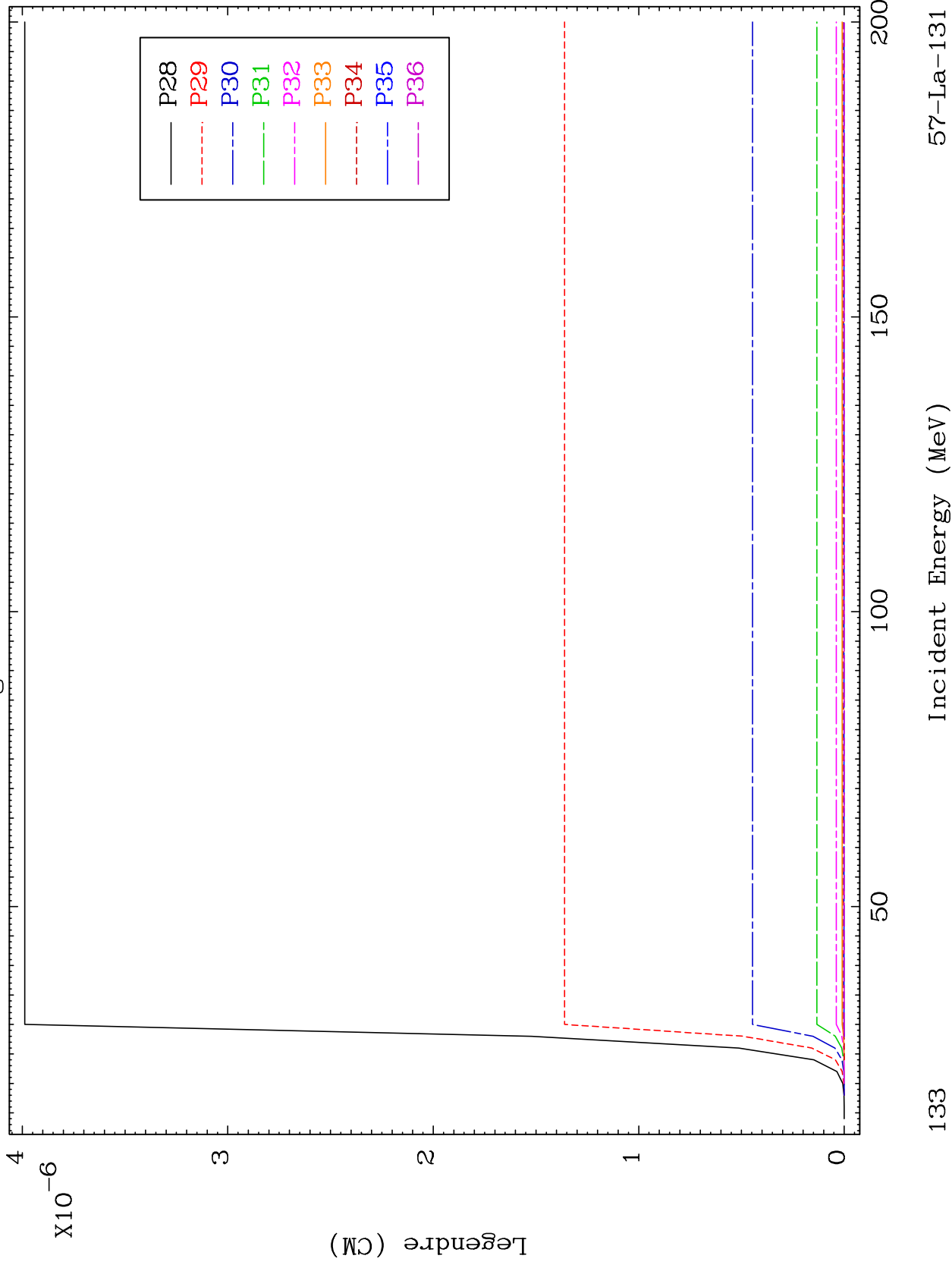
132

57-La-131

MAT 5704

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

57-La-131



133

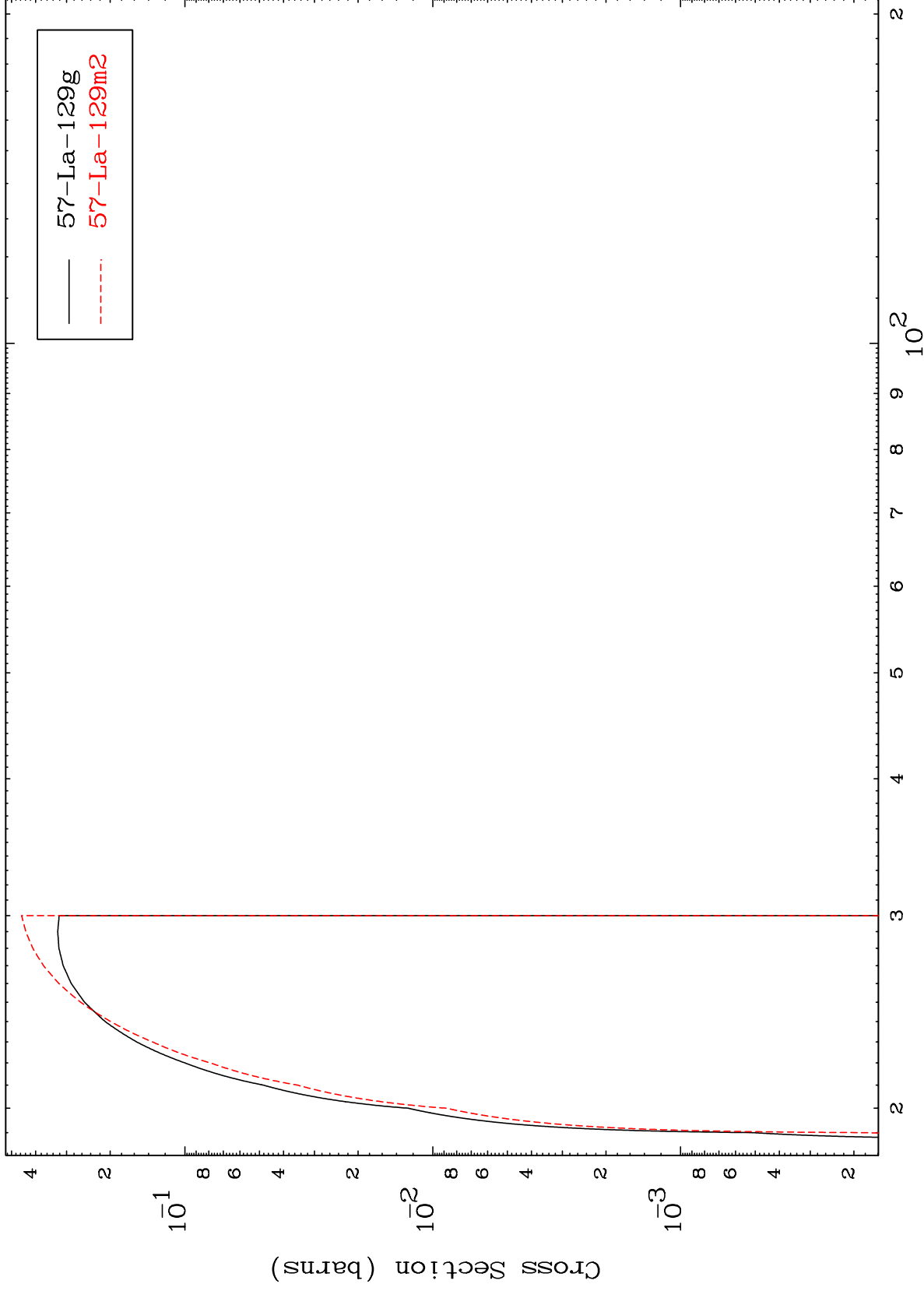
Incident Energy (MeV)

57-La-131

MAT 5704

57-La-131

(n,3n)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

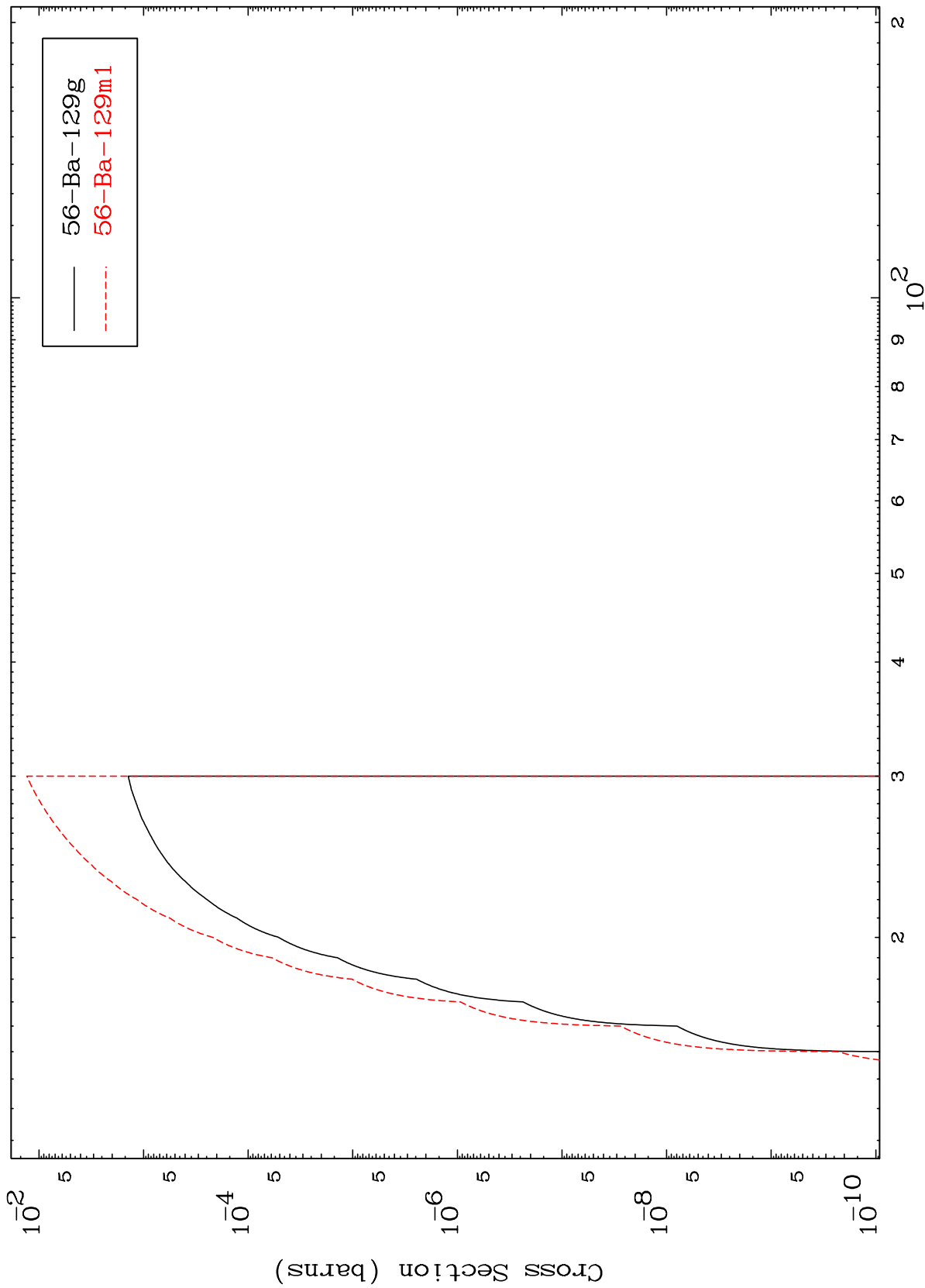
57-La-131

MAT 5704

(n,n') d

57-La-131

Radionuclide Production Cross Section



135

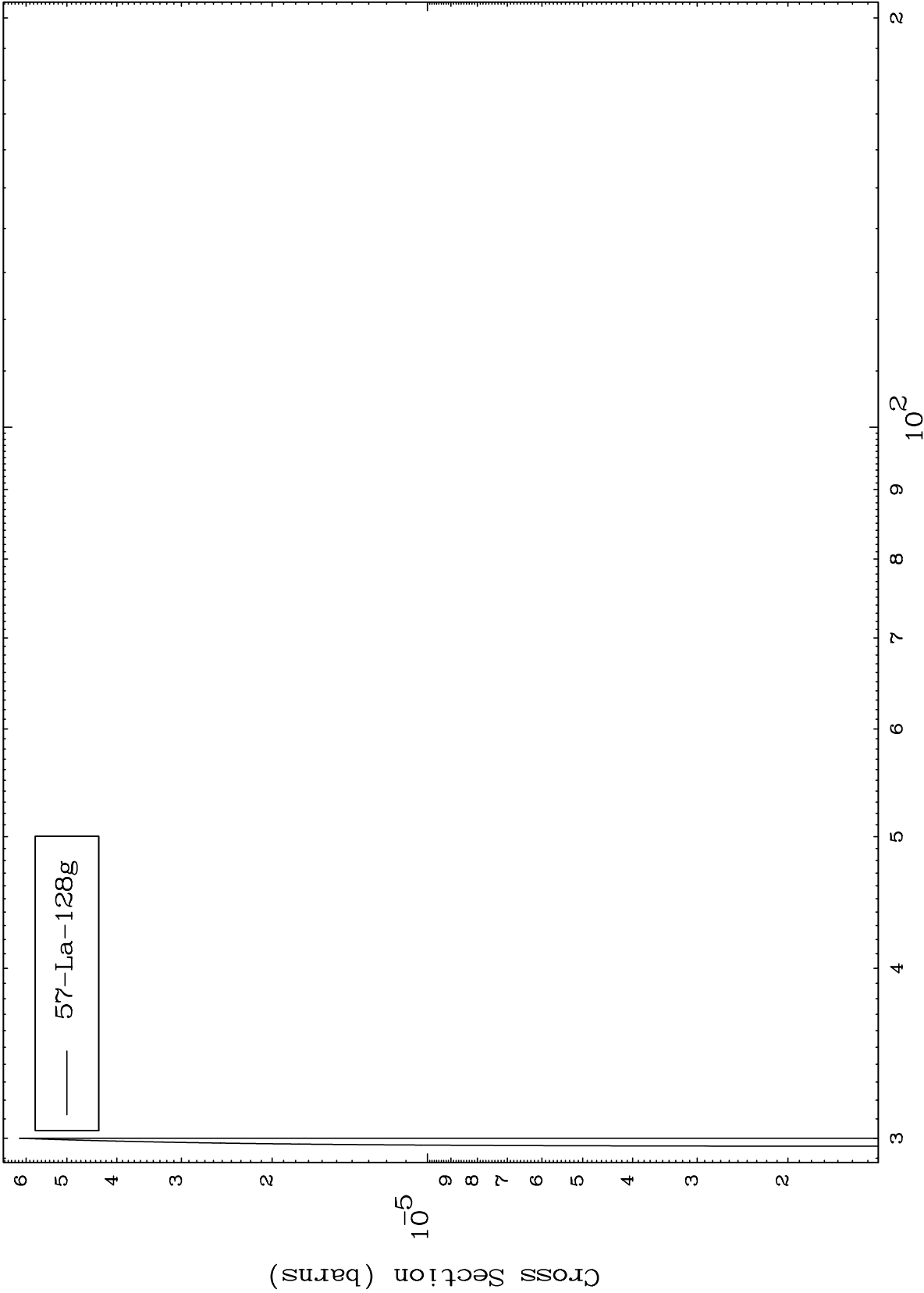
Incident Energy (MeV)

57-La-131

MAT 5704

57-La-131

(n,4n)
Radionuclide Production Cross Section



57-La-131

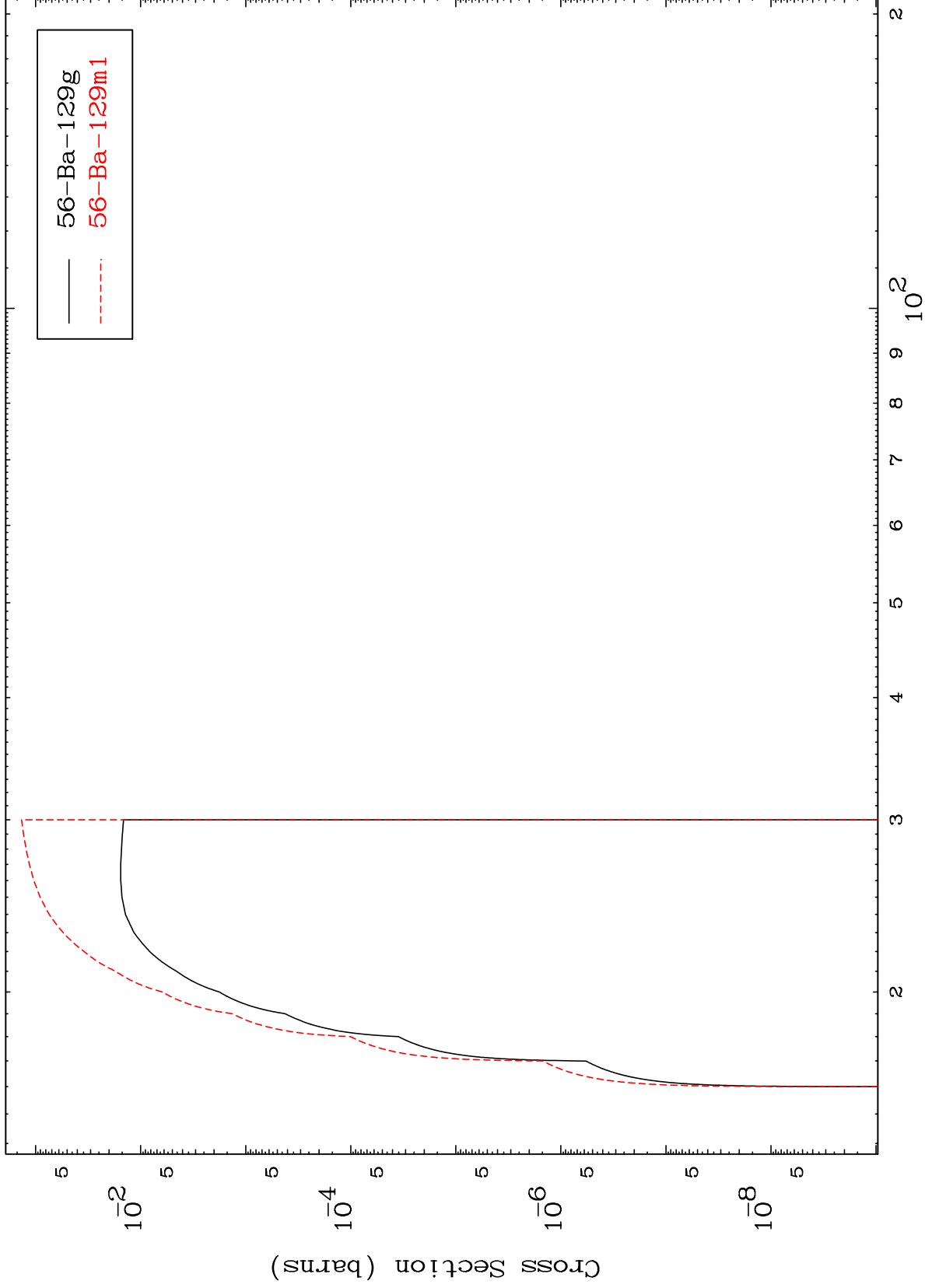
Incident Energy (MeV)

136

MAT 5704

57-La-131

(n,2n) p
Radionuclide Production Cross Section



137

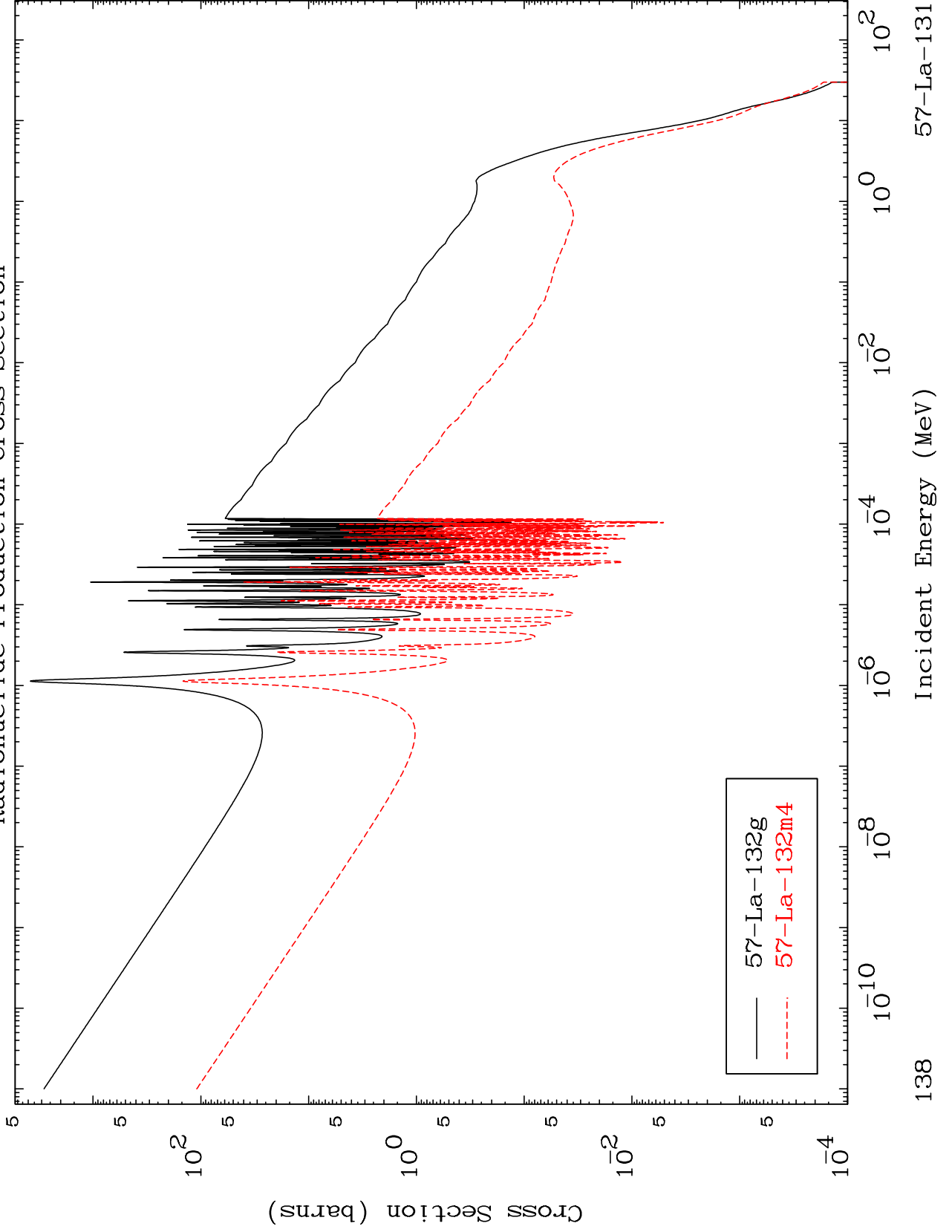
Incident Energy (MeV)

57-La-131

MAT 5704

57-La-131

(n, γ)
Radionuclide Production Cross Section

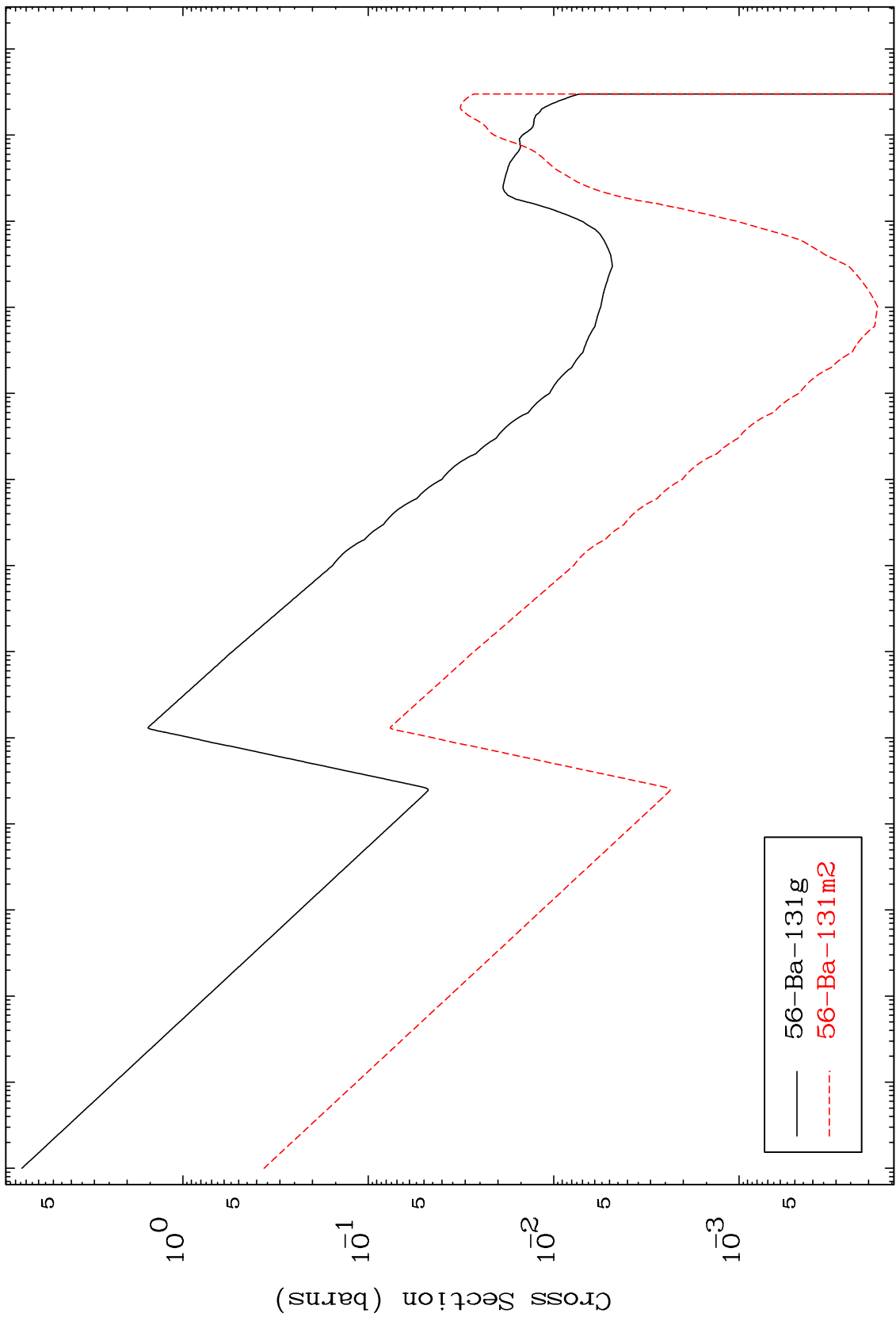


MAT 5704

57-La-131

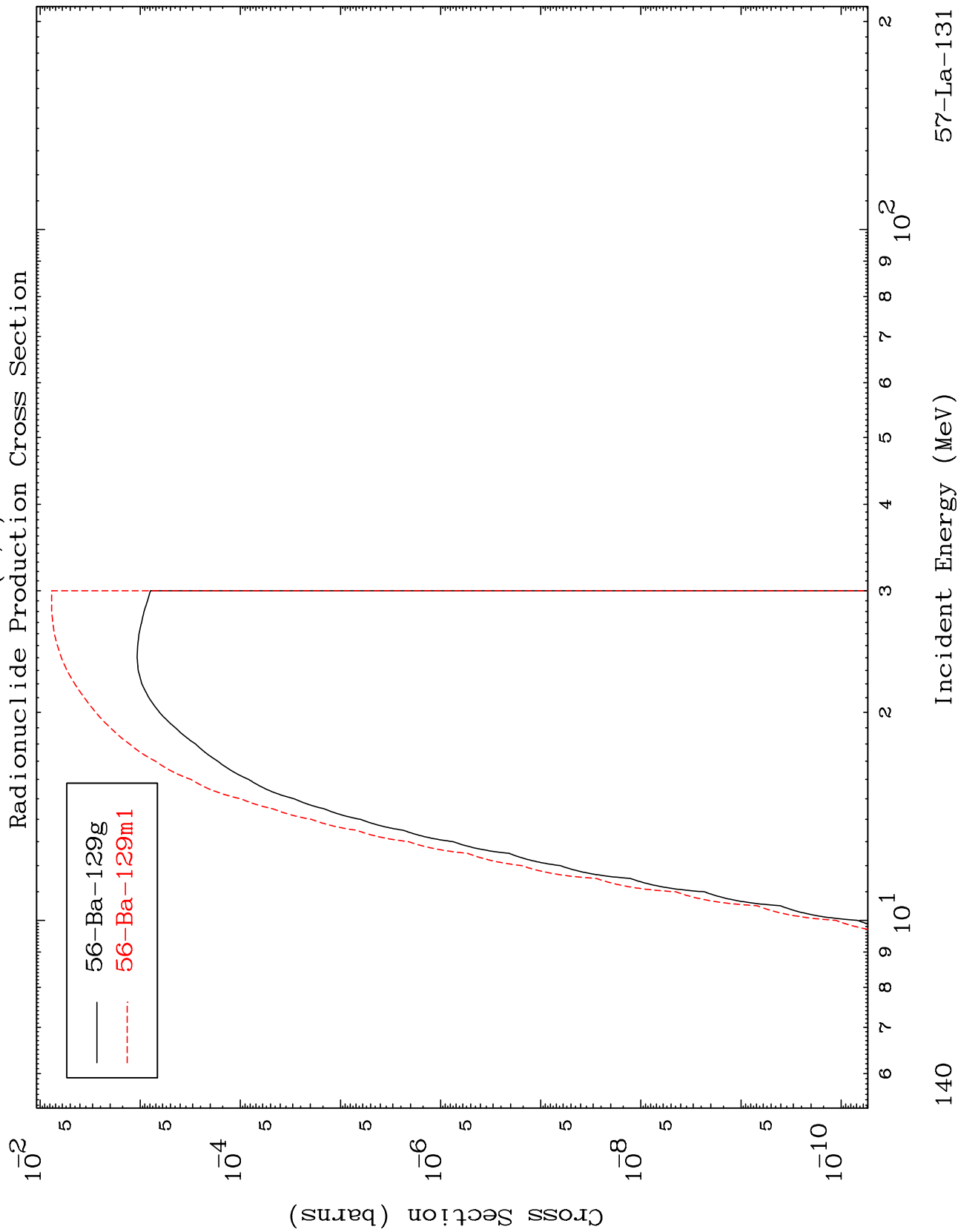
Radionuclide Production Cross Section

(n,p)



MAT 5704

57-La-131



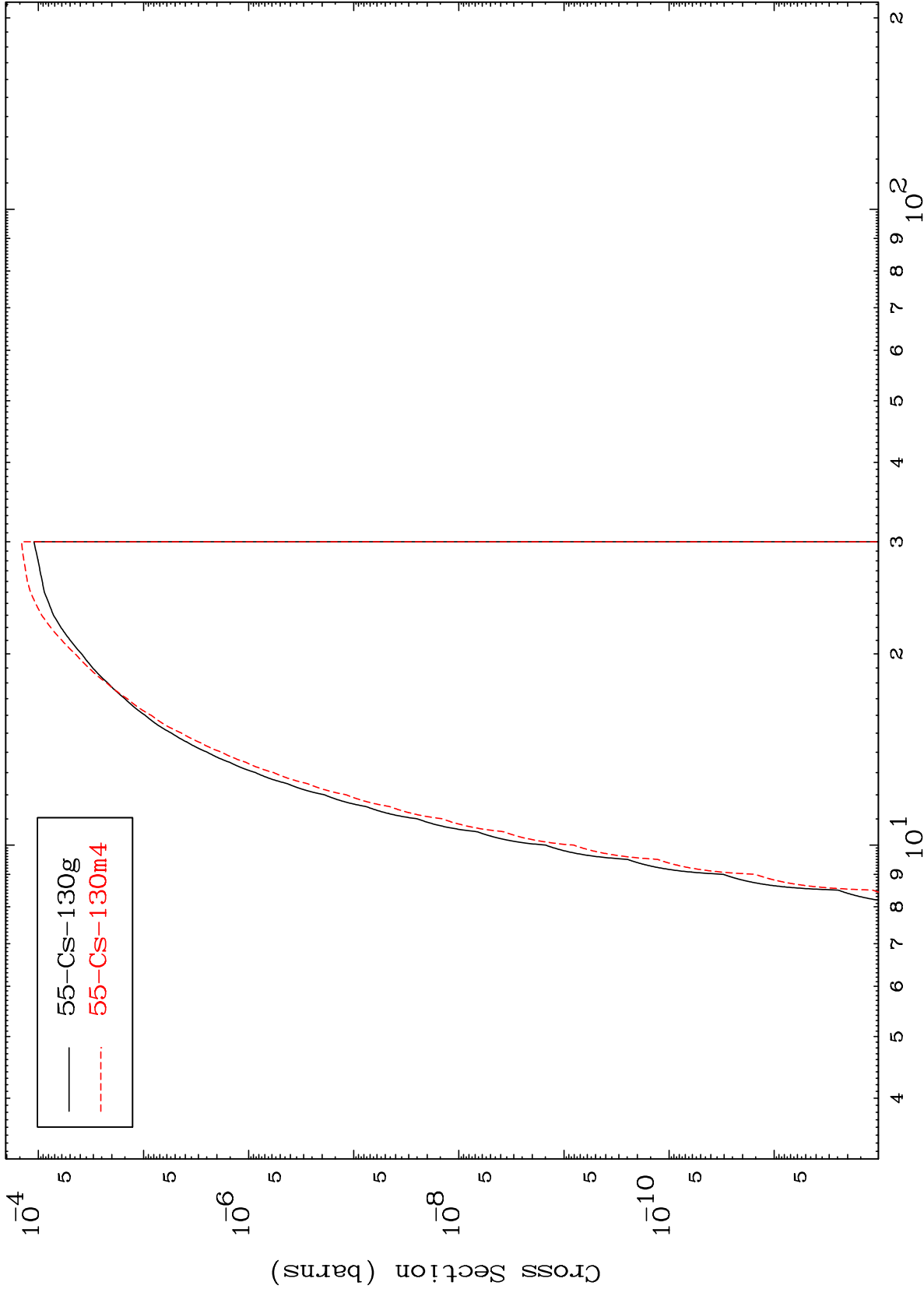
140

57-La-131

MAT 5704

57-La-131

(n,2p)
Radionuclide Production Cross Section



141

57-La-131

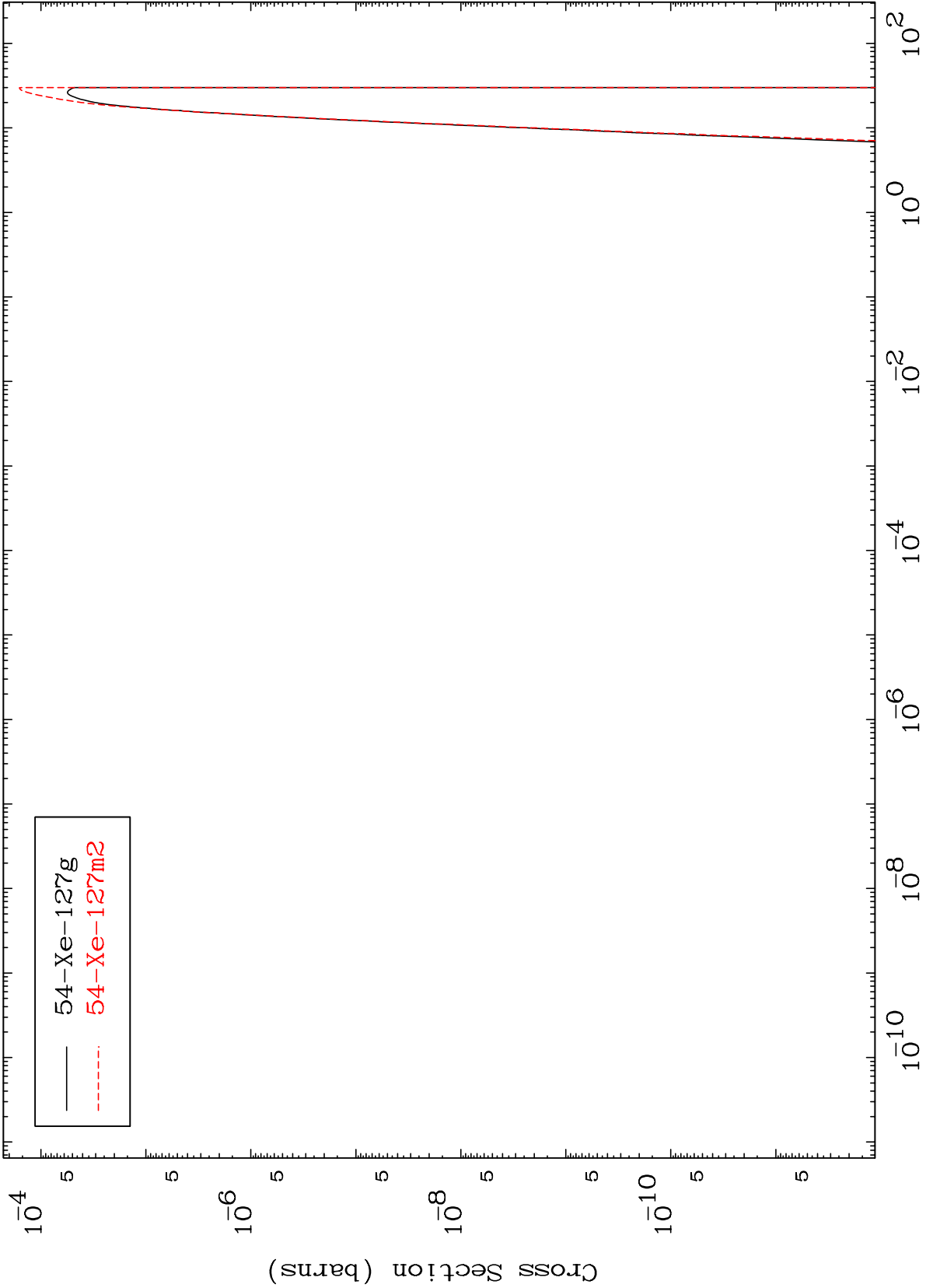
Incident Energy (MeV)

MAT 5704

(n,p) α

57-La-131

Radionuclide Production Cross Section



54-Xe-127g
54-Xe-127m2