

Program EVALPLOT
(Version 2018-1)

by

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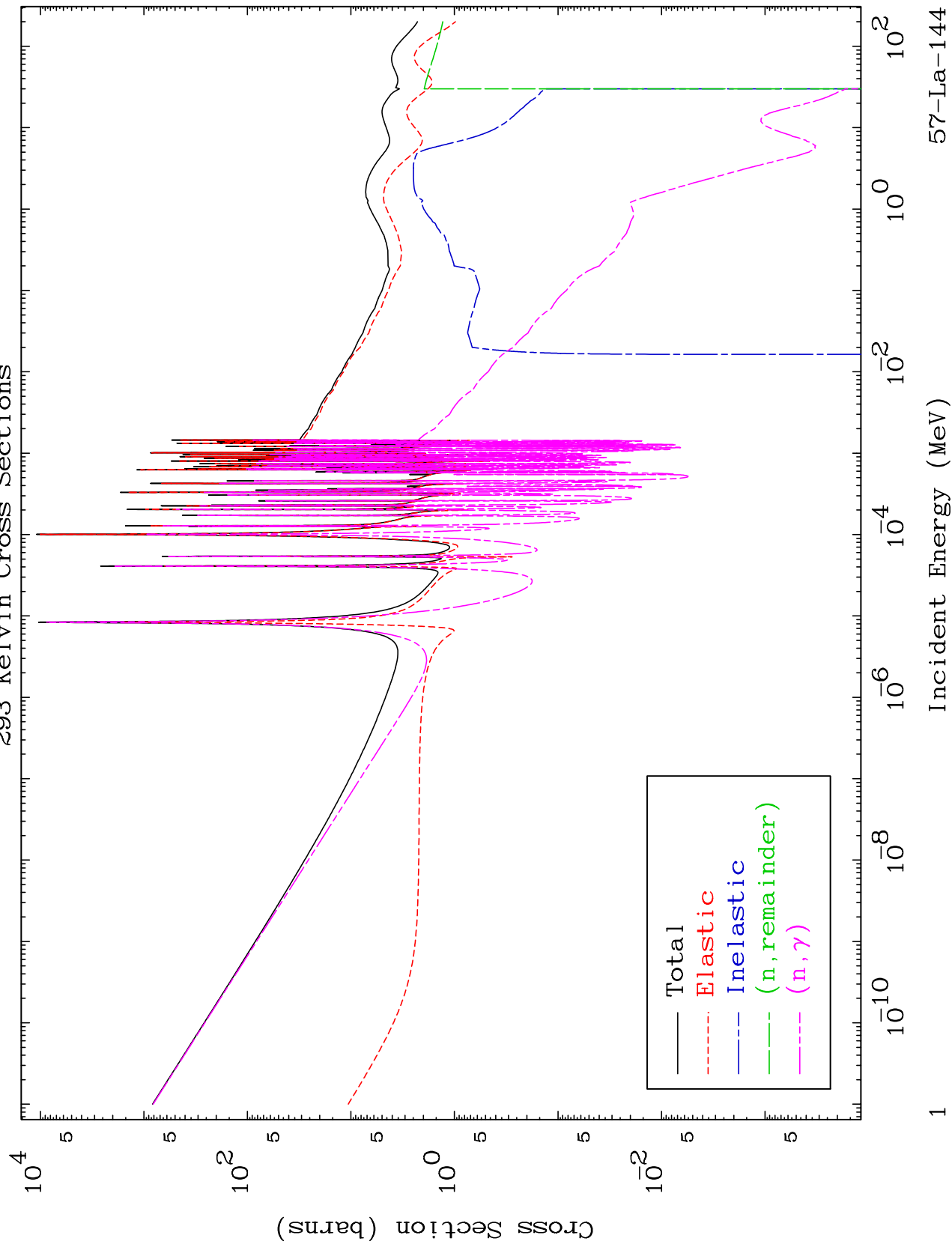
Press Mouse Button to Start

MAT 5743

Major

293 Kelvin Cross Sections

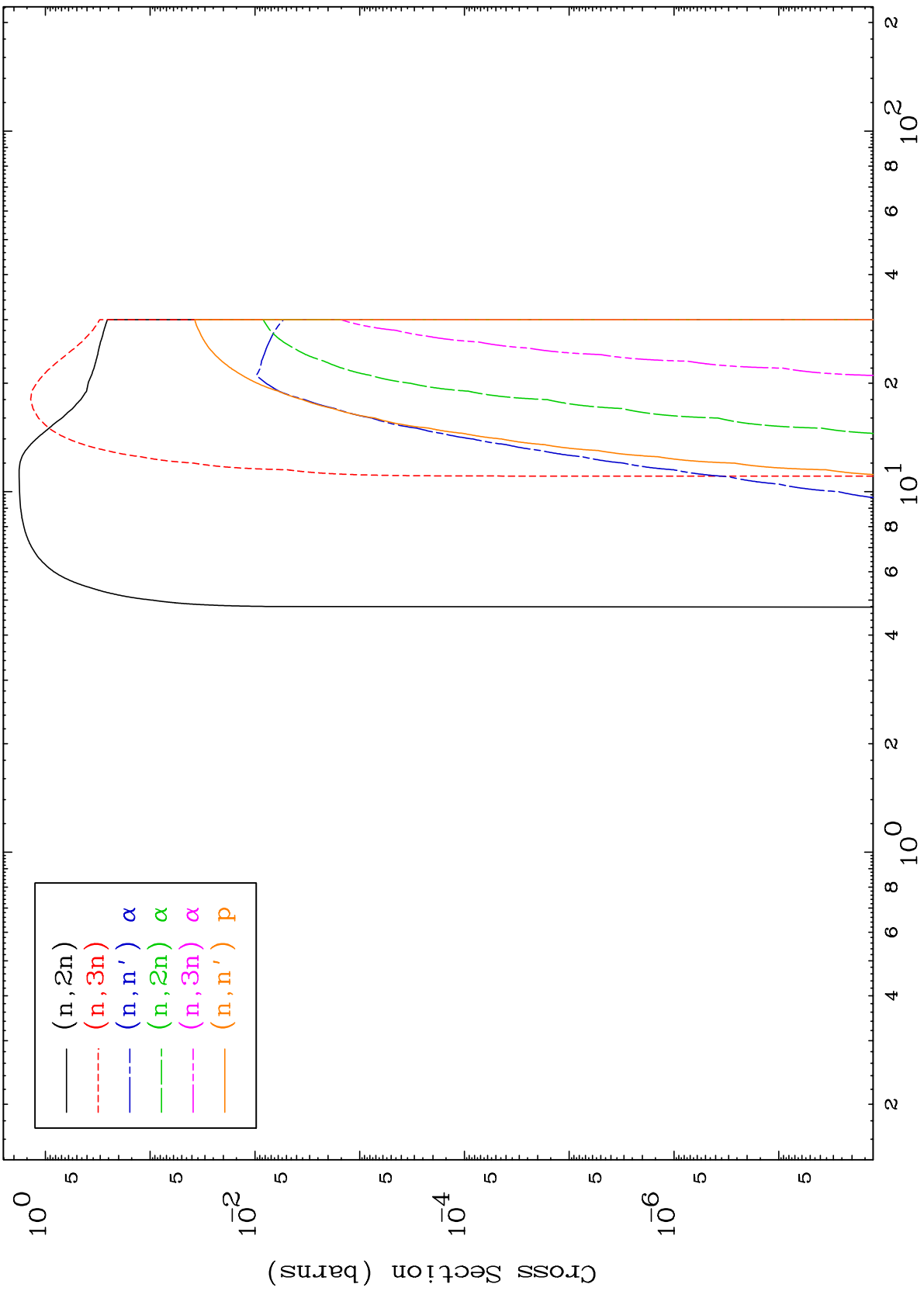
57-La-144



MAT 5743

Neutron Production
293 Kelvin Cross Sections

57-La-144



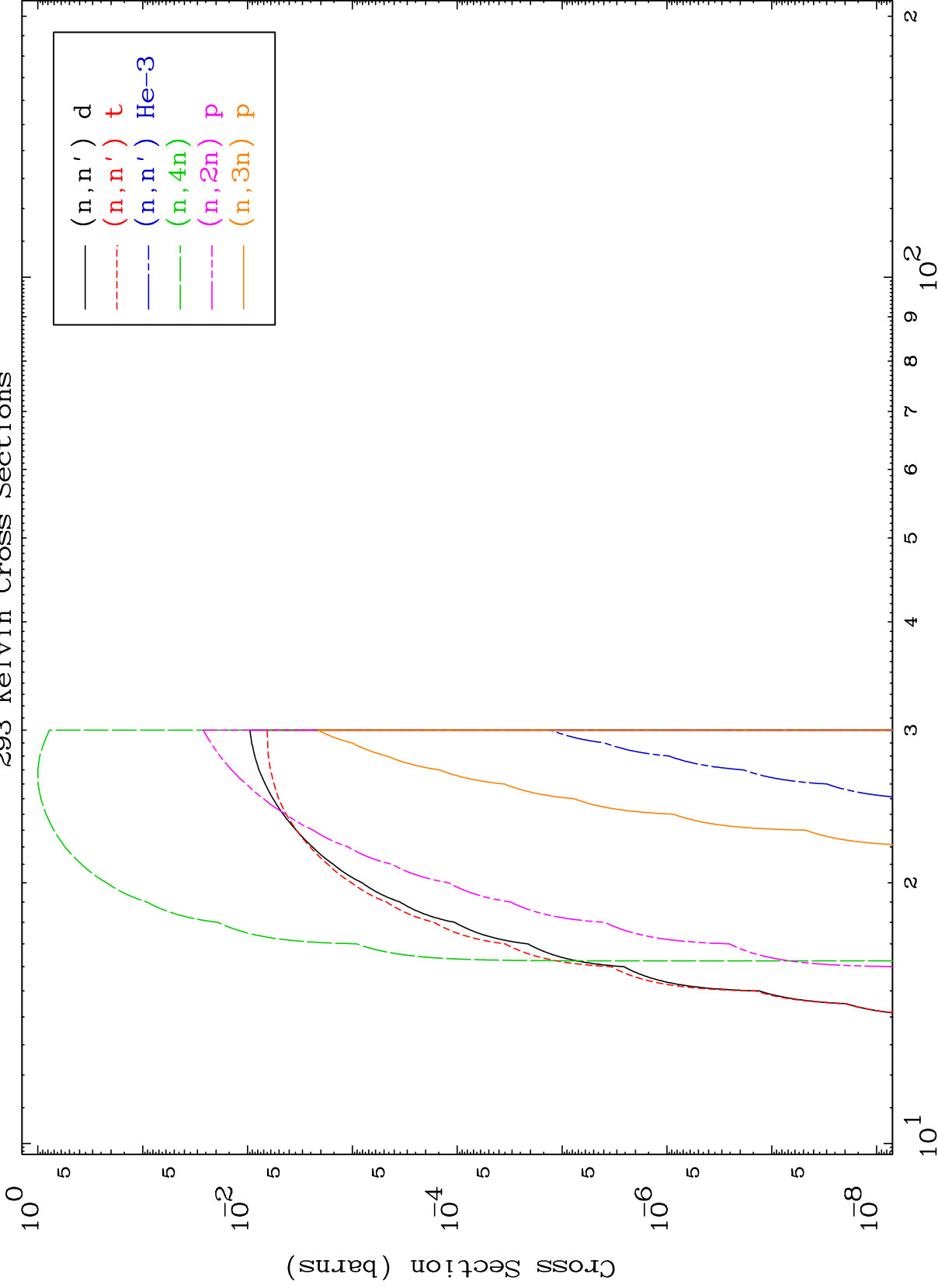
57-La-144

Incident Energy (MeV)

MAT 5743

Neutron Production
293 Kelvin Cross Sections

57-La-144



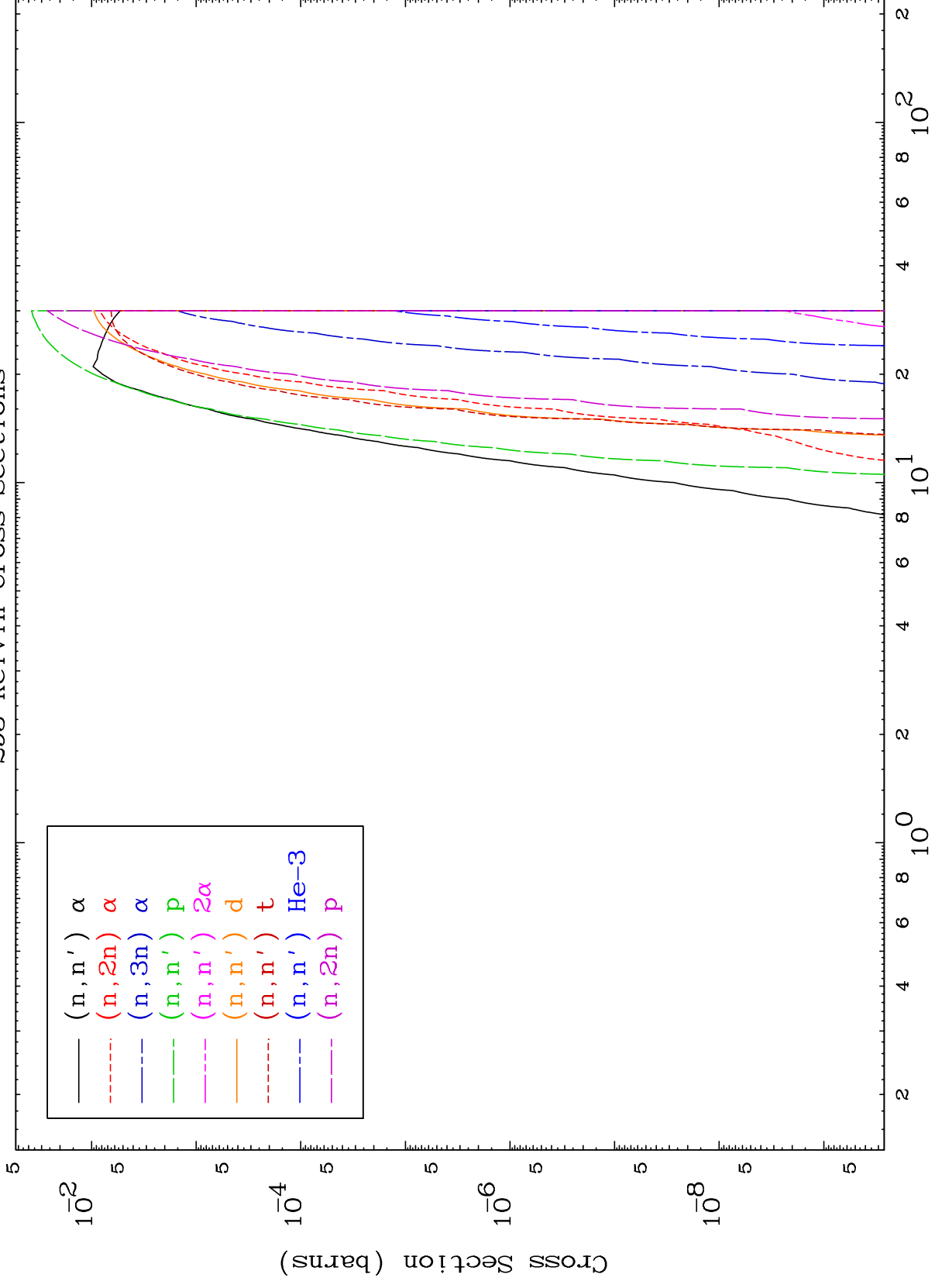
Incident Energy (MeV)

57-La-144

MAT 5743

Charged Particle
293 Kelvin Cross Sections

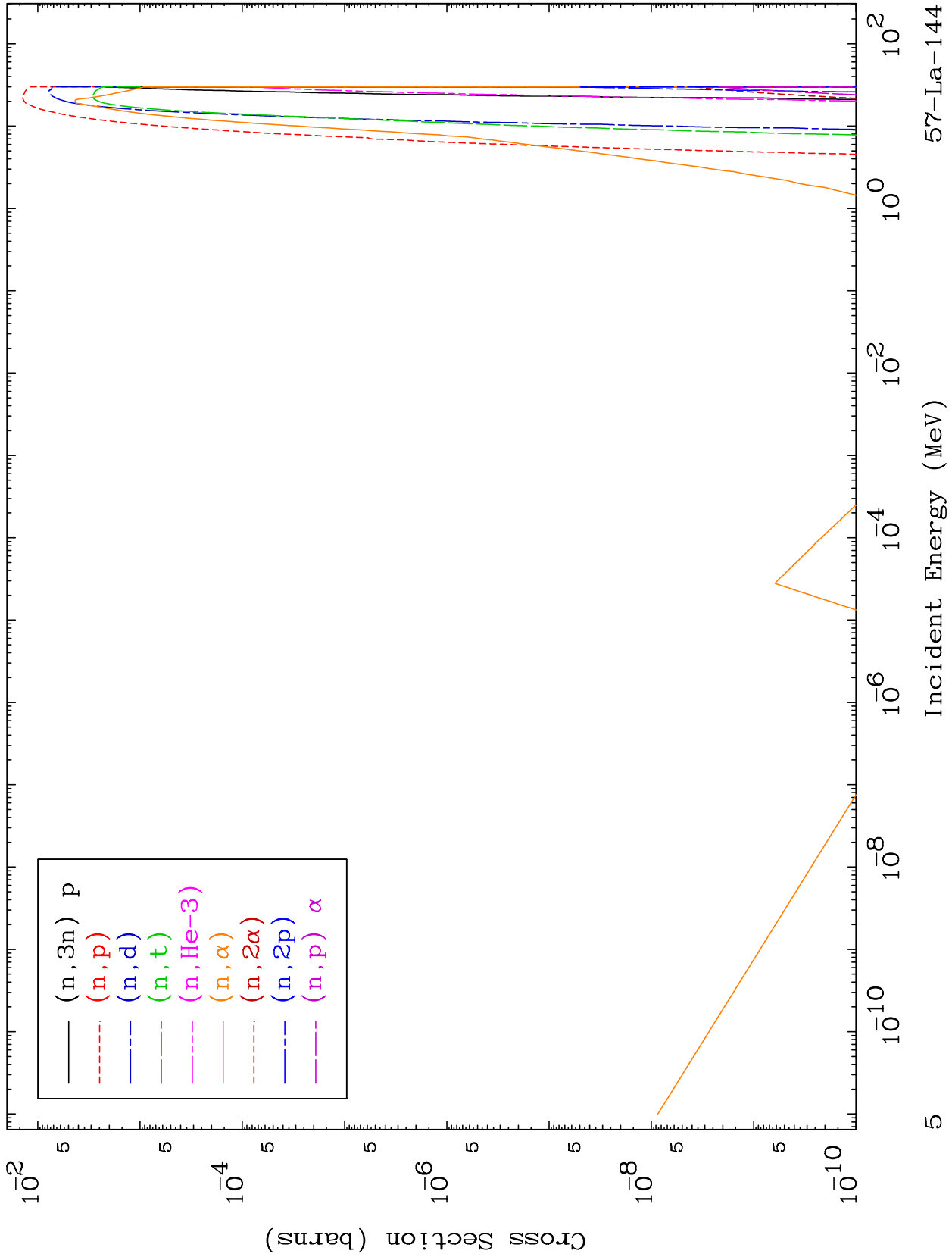
57-La-144



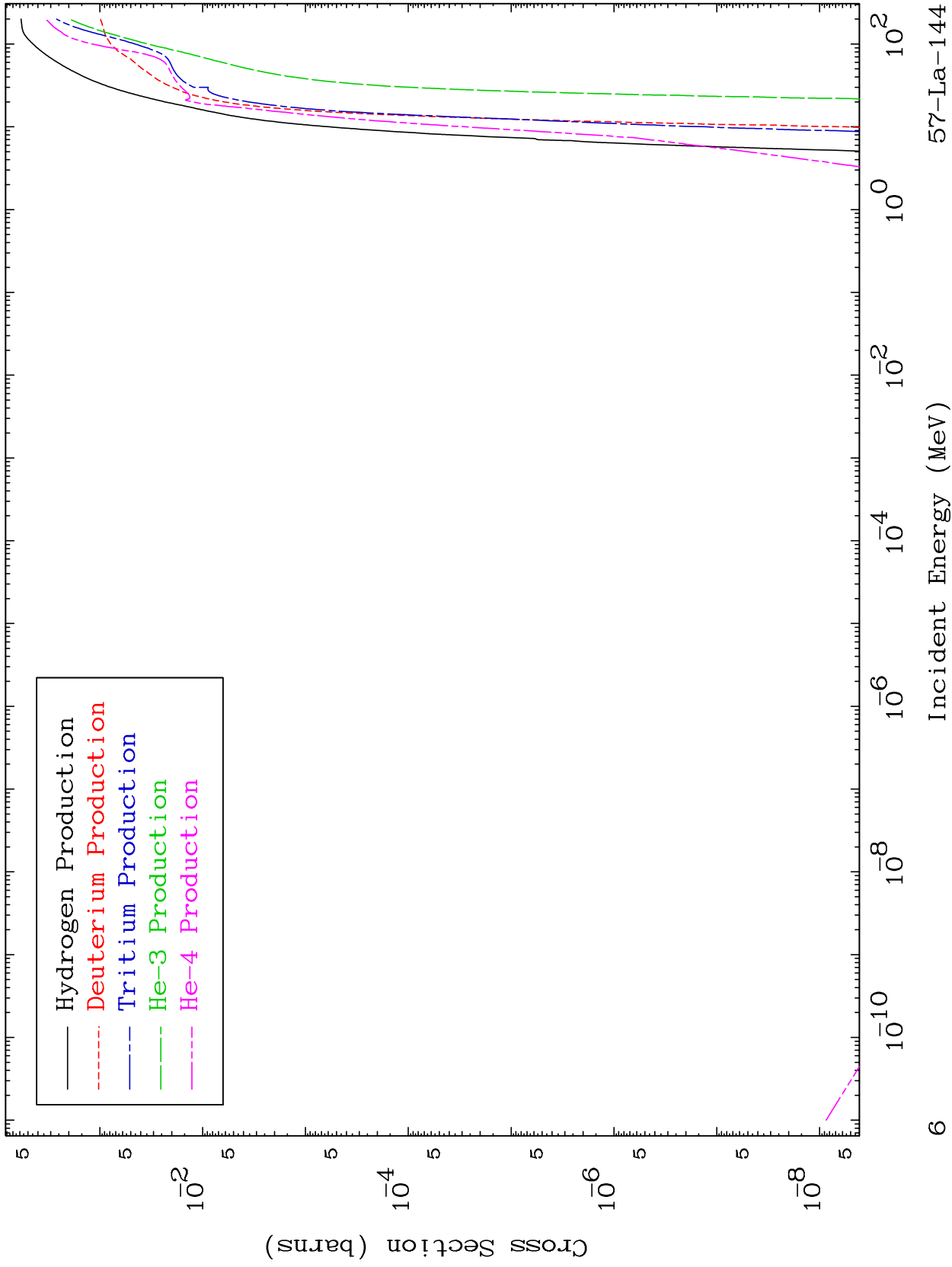
MAT 5743

Charged Particle
293 Kelvin Cross Sections

57-La-144



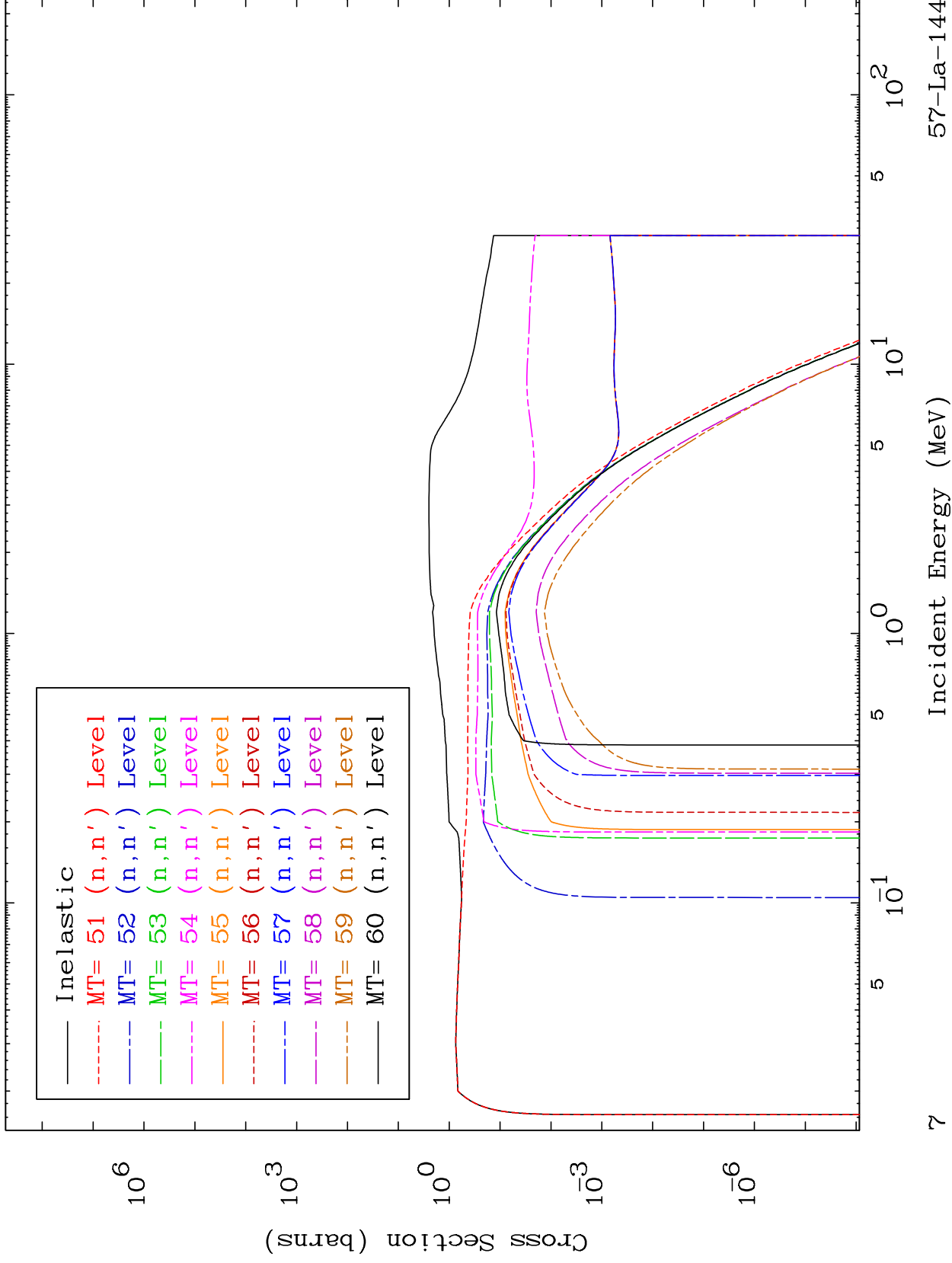
5



MAT 5743

(n,n') Level
293 Kelvin Cross Sections

57-La-144

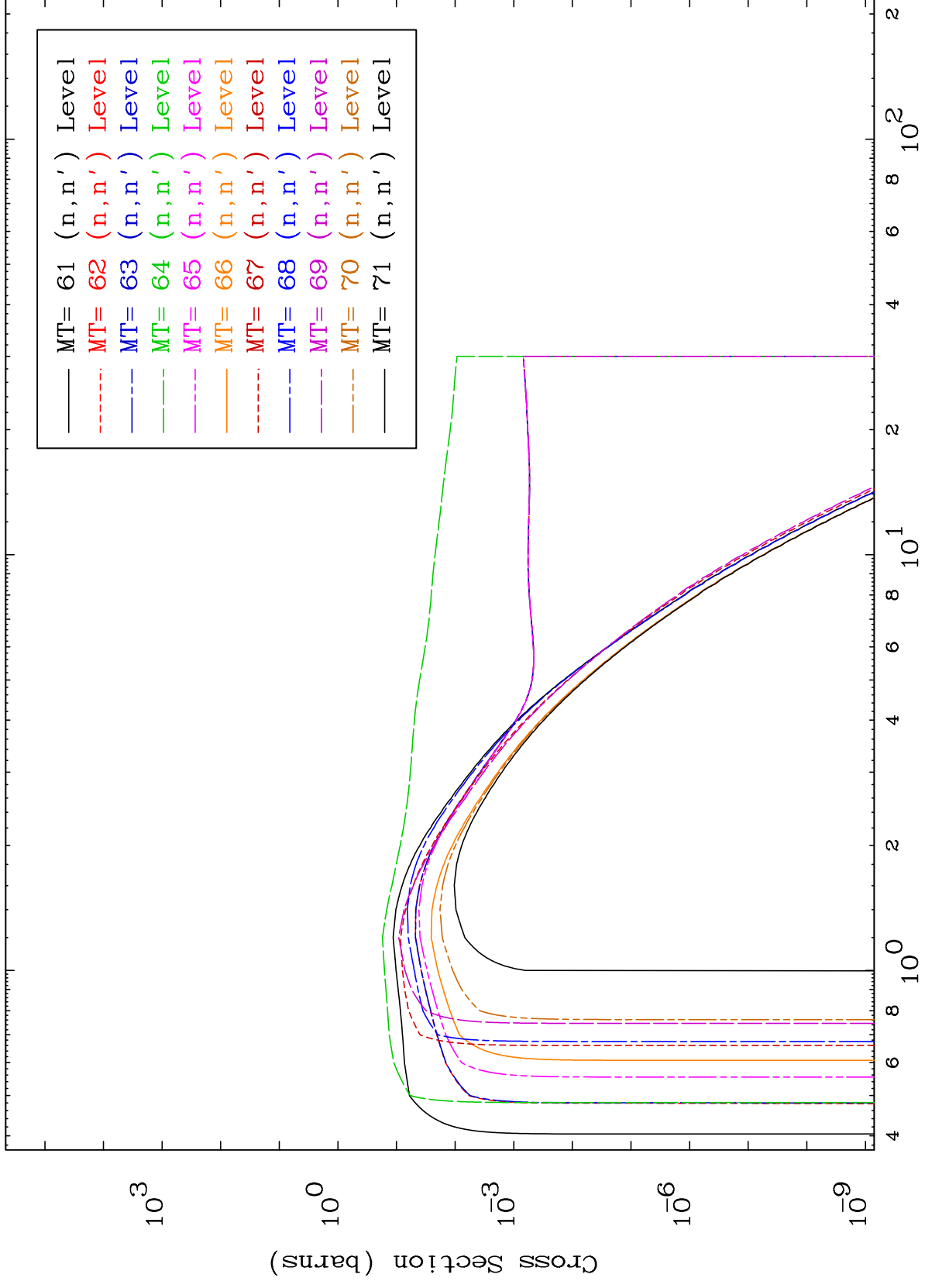


MAT 5743

(n,n') Level

293 Kelvin Cross Sections

57-La-144

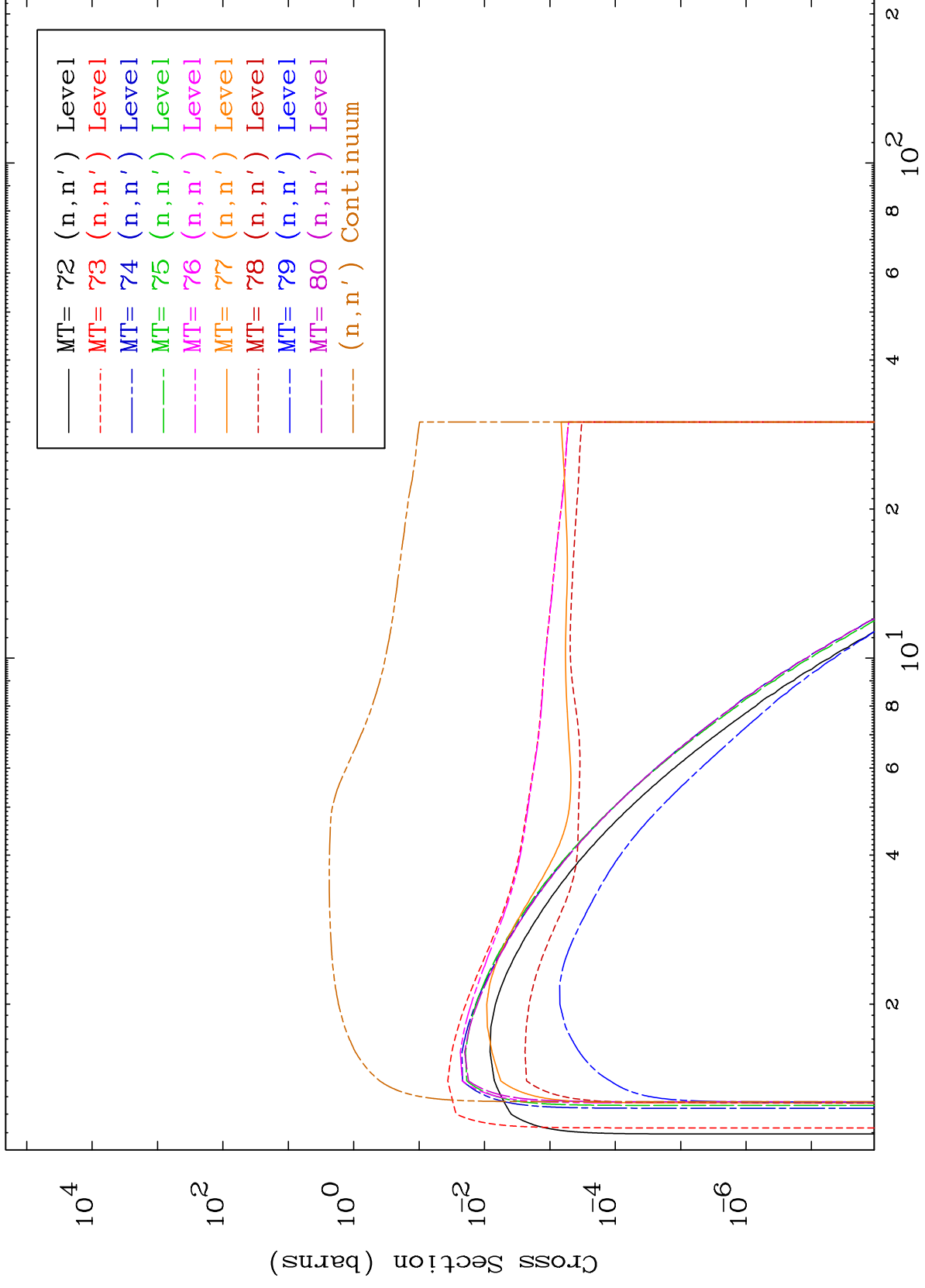


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Incident Energy (MeV)

57-La-144

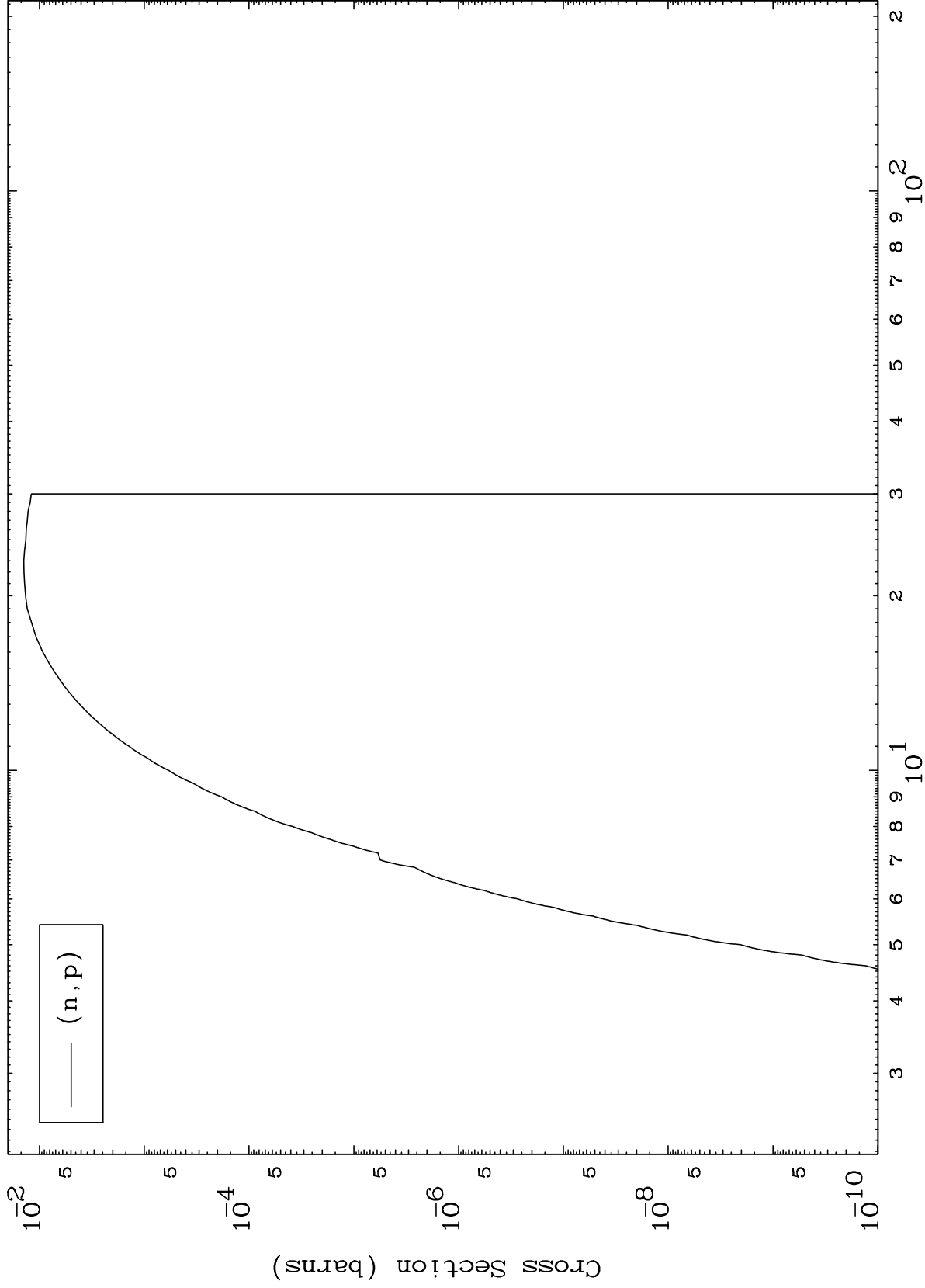
293 Kelvin Cross Sections



MAT 5743

(n,p) Levels
293 Kelvin Cross Sections

57-La-144



10

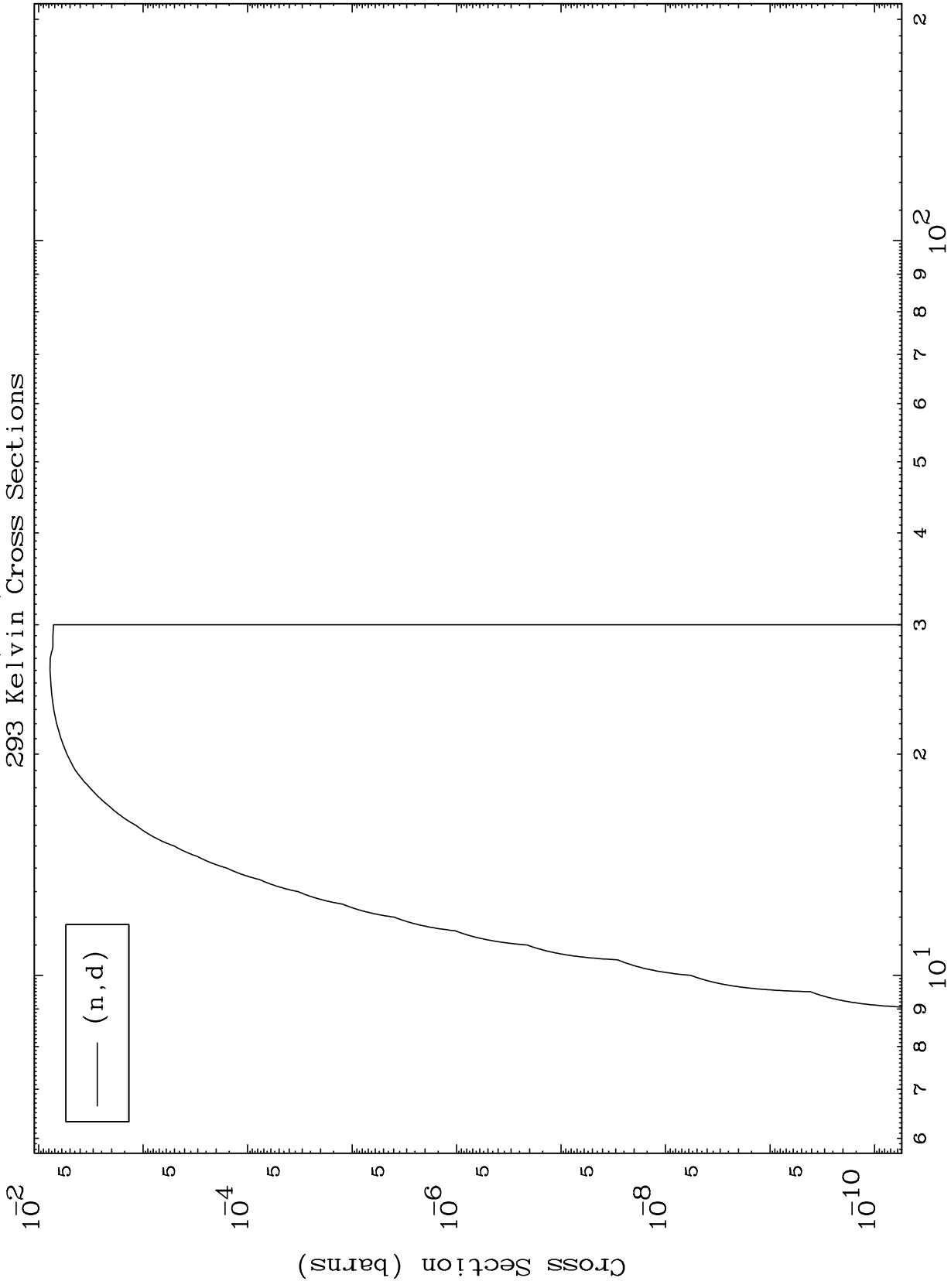
Incident Energy (MeV)

57-La-144

MAT 5743

(n,d) Levels
293 Kelvin Cross Sections

57-La-144



11

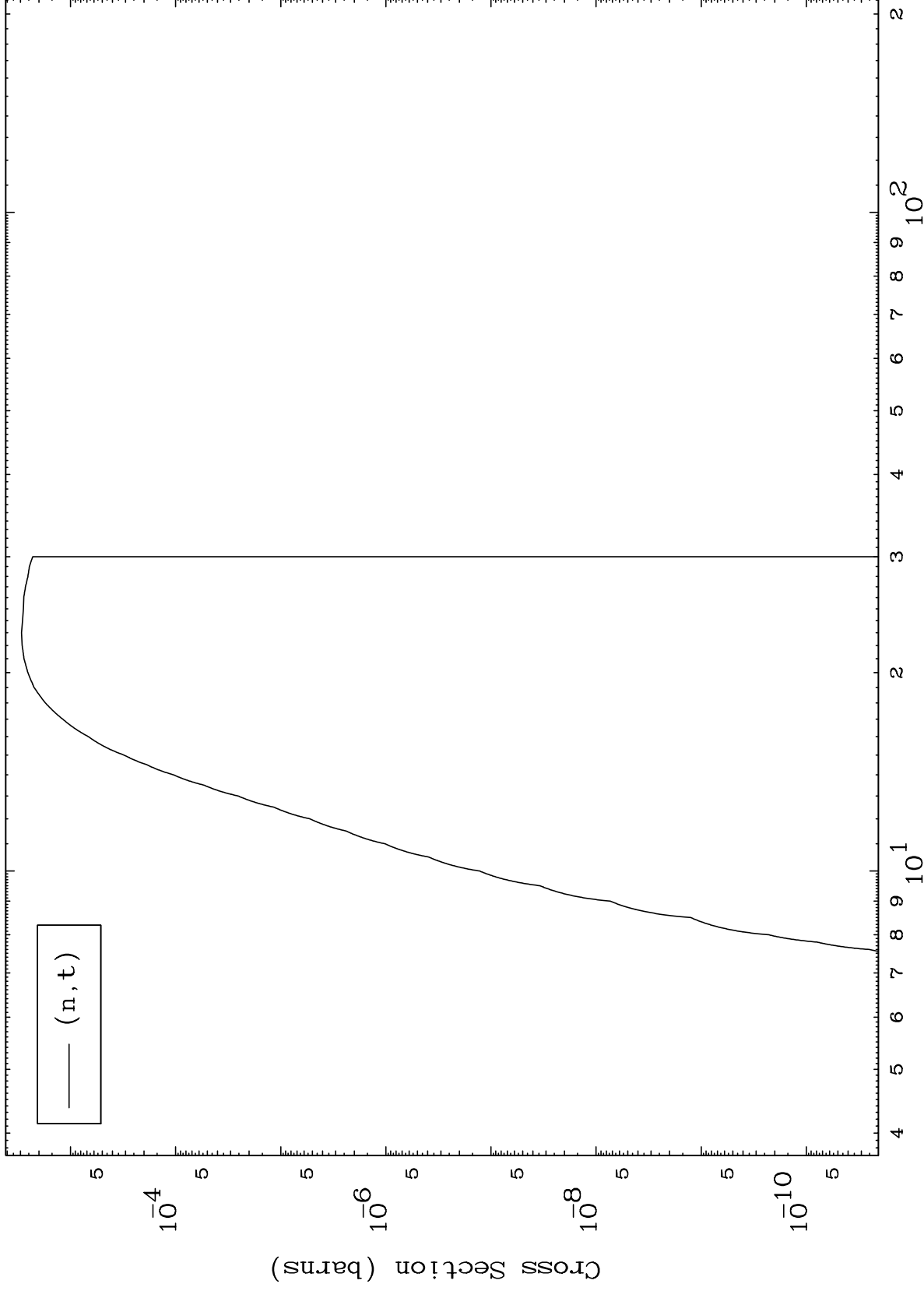
Incident Energy (MeV)

57-La-144

MAT 5743

(n,t) Levels
293 Kelvin Cross Sections

57-La-144



12

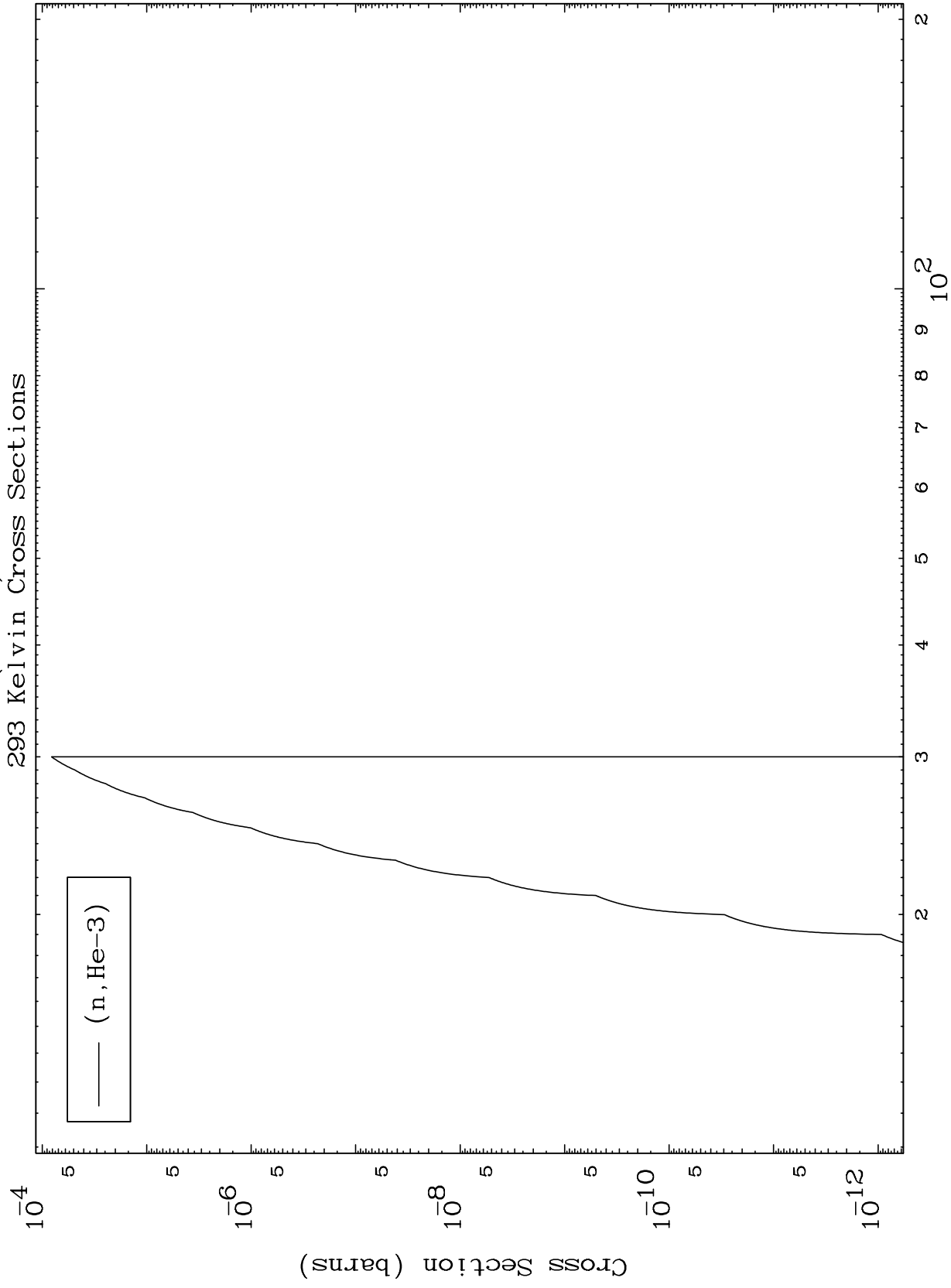
Incident Energy (MeV)

57-La-144

MAT 5743

(n,He3) Levels
293 Kelvin Cross Sections

57-La-144



13

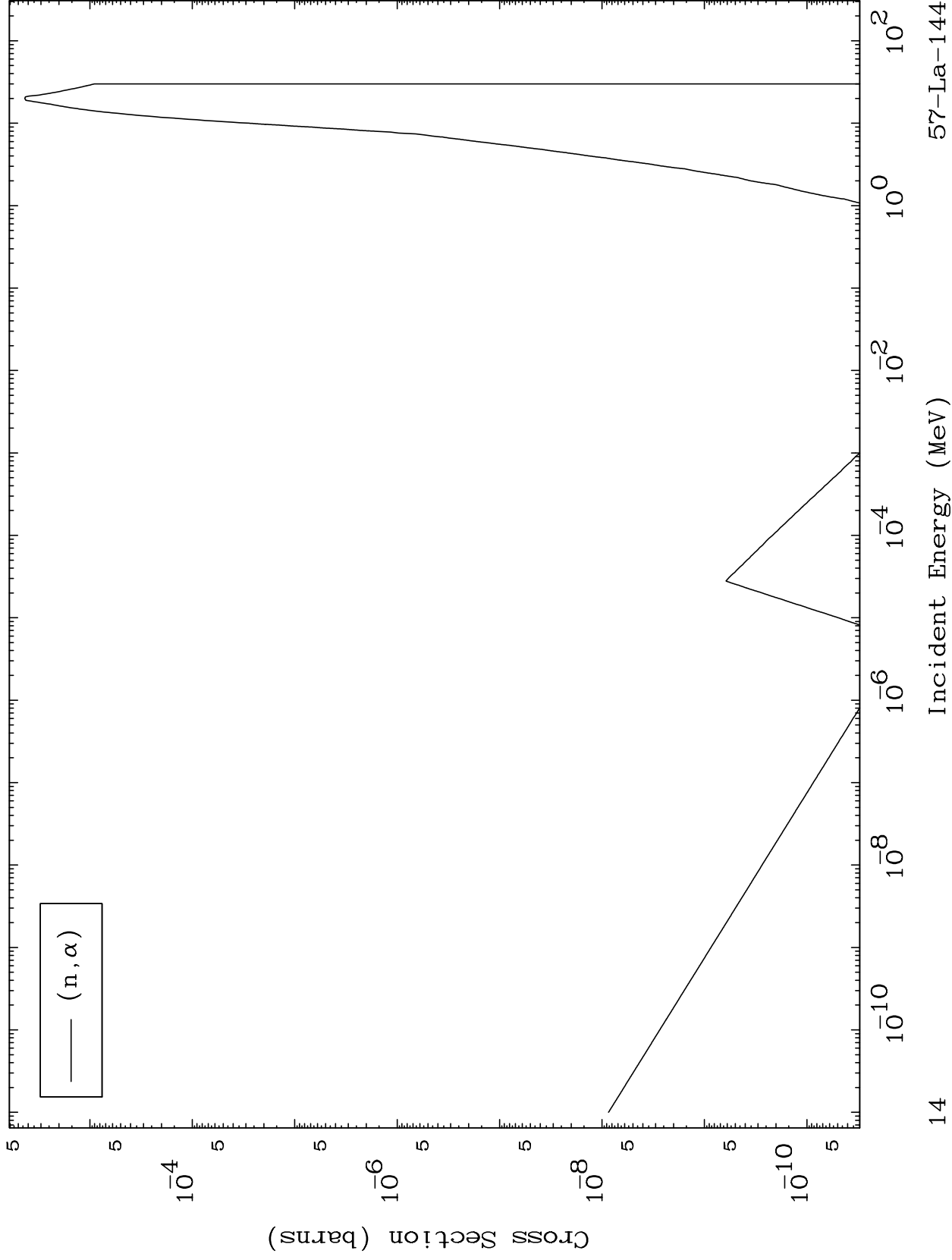
Incident Energy (MeV)

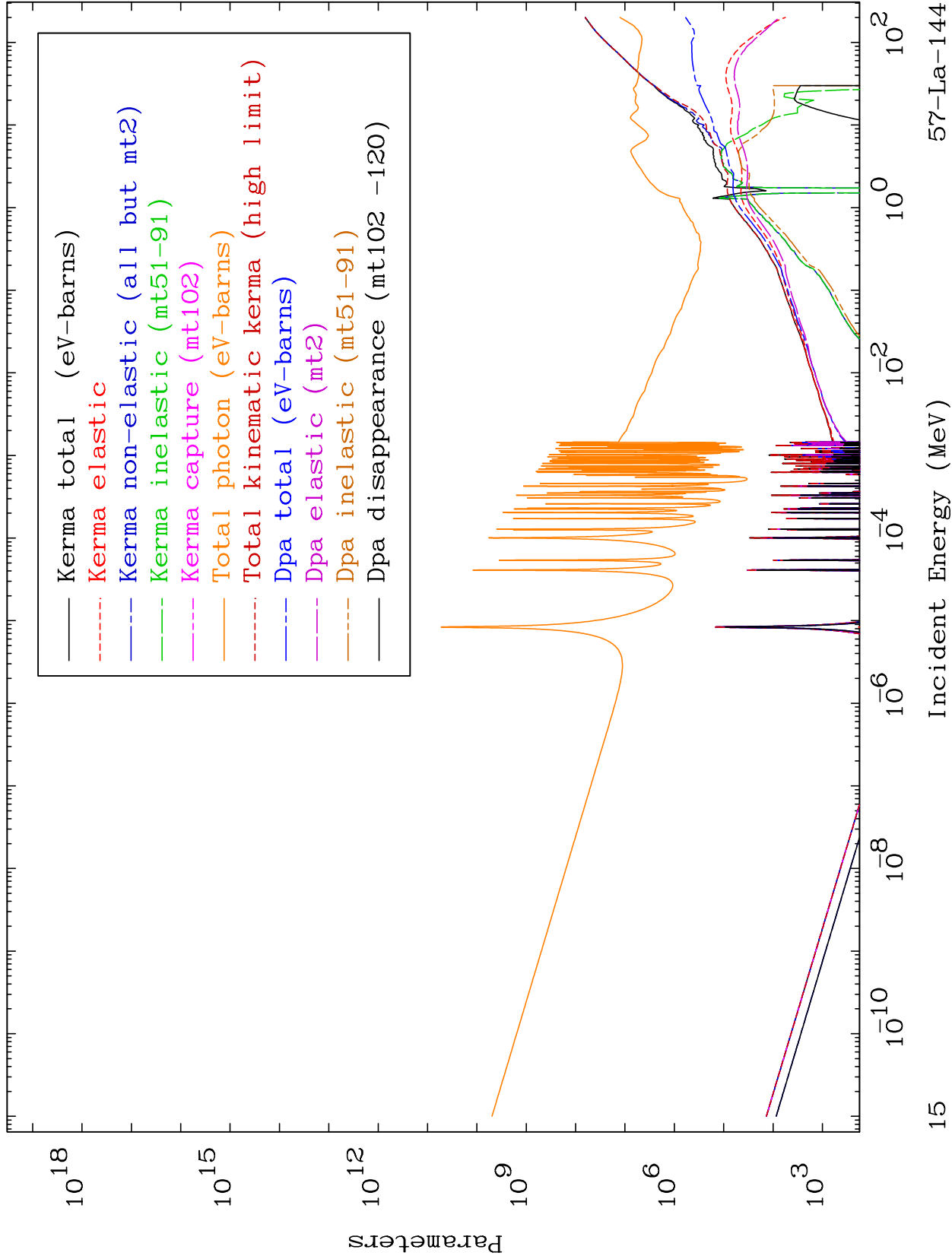
57-La-144

MAT 5743

(n, α) Levels
293 Kelvin Cross Sections

57-La-144

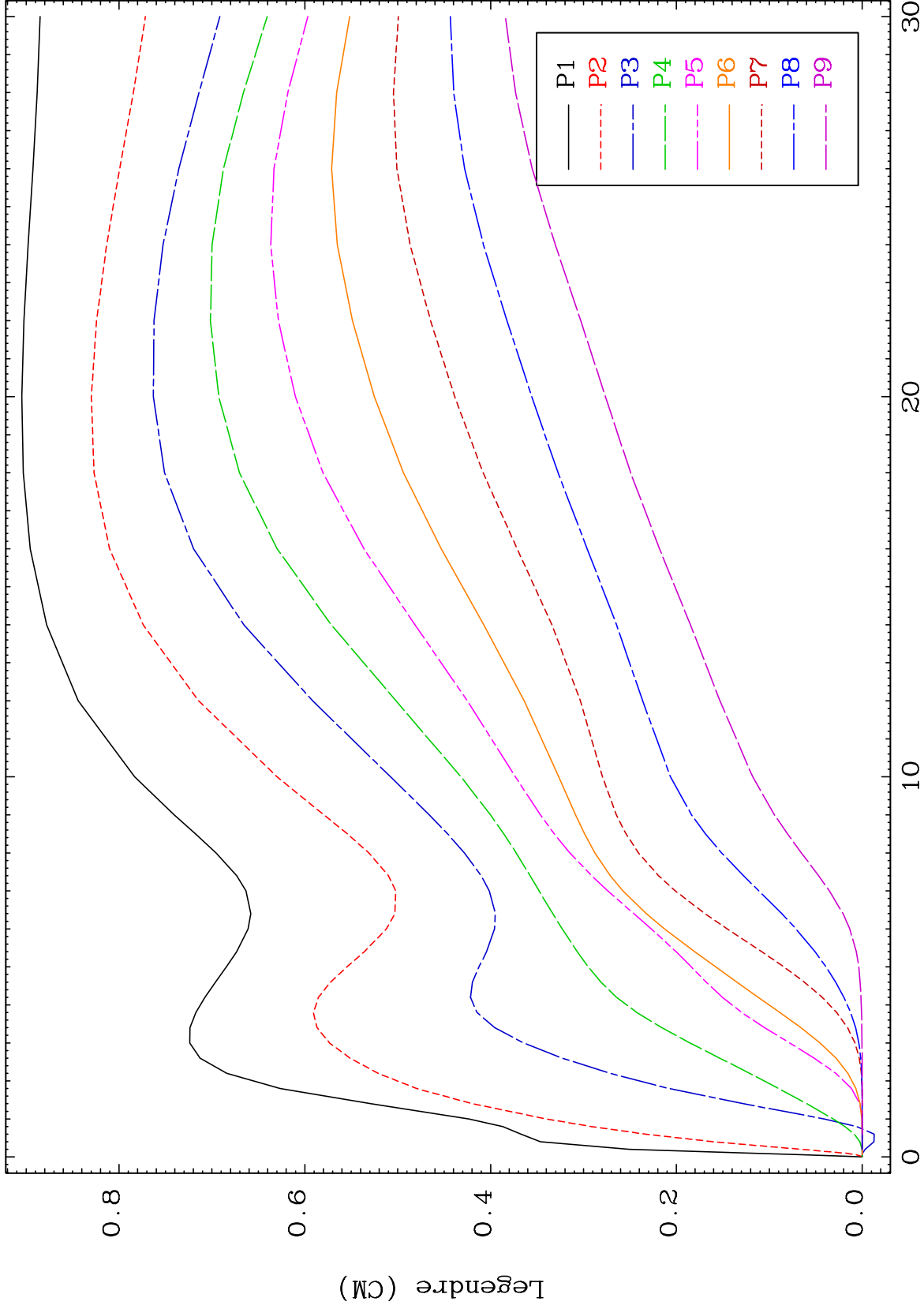




MAT 5743

Elastic Legendre Coefficients

57-La-144



57-La-144

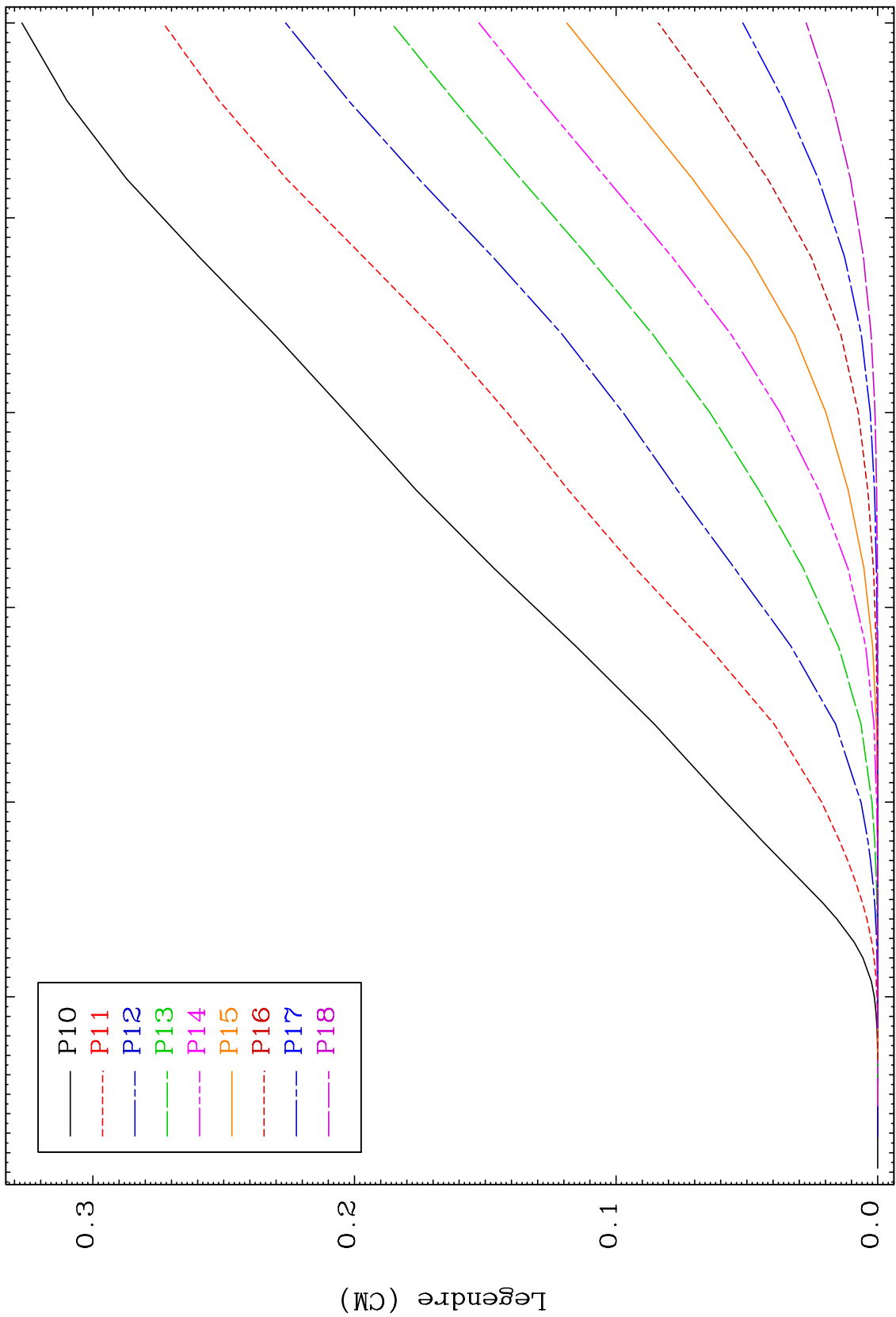
Incident Energy (MeV)

16

MAT 5743

Elastic Legendre Coefficients

57-La-144



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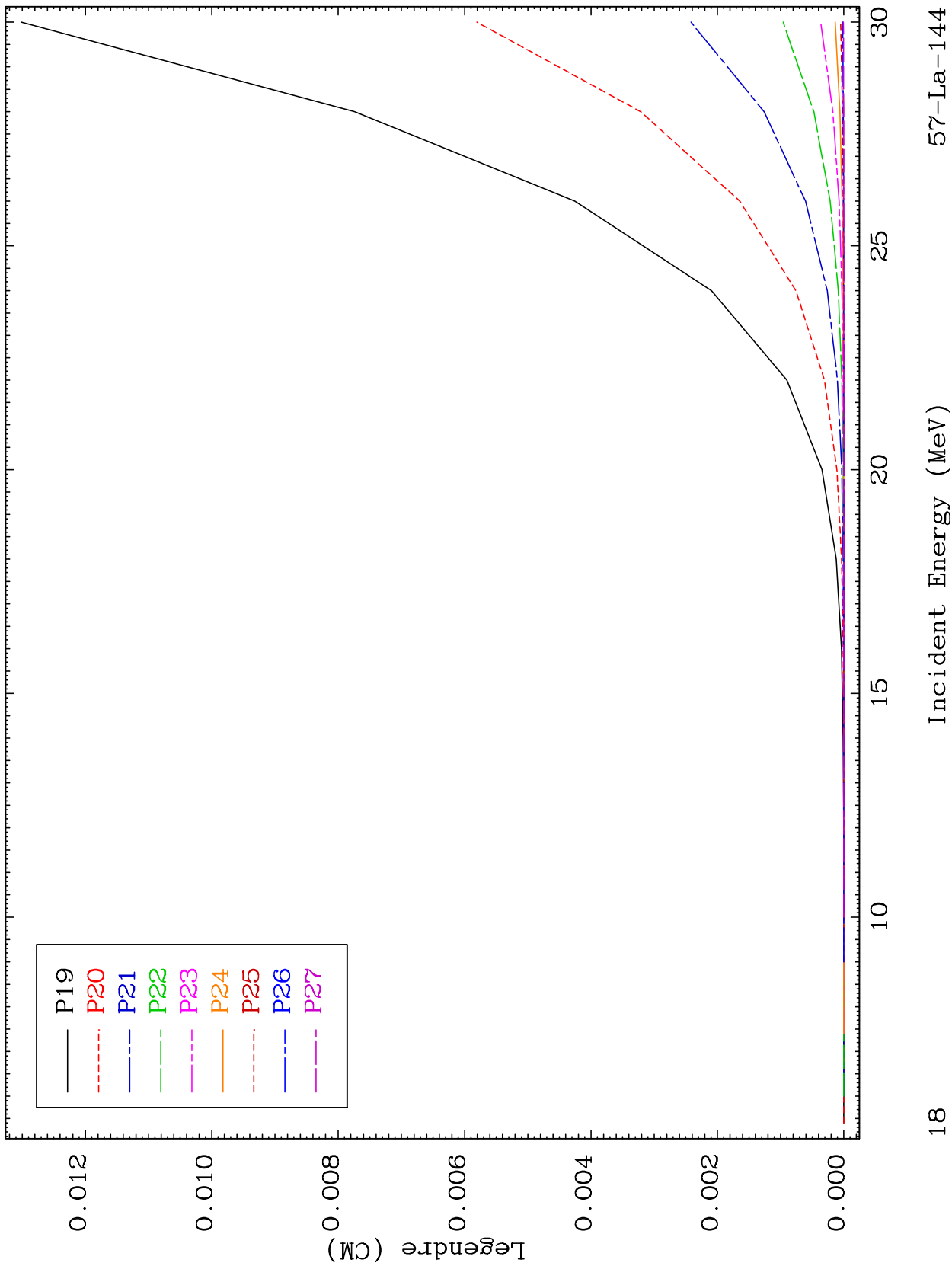
Incident Energy (MeV)

57-La-144

MAT 5743

Elastic Legendre Coefficients

57-La-144



18

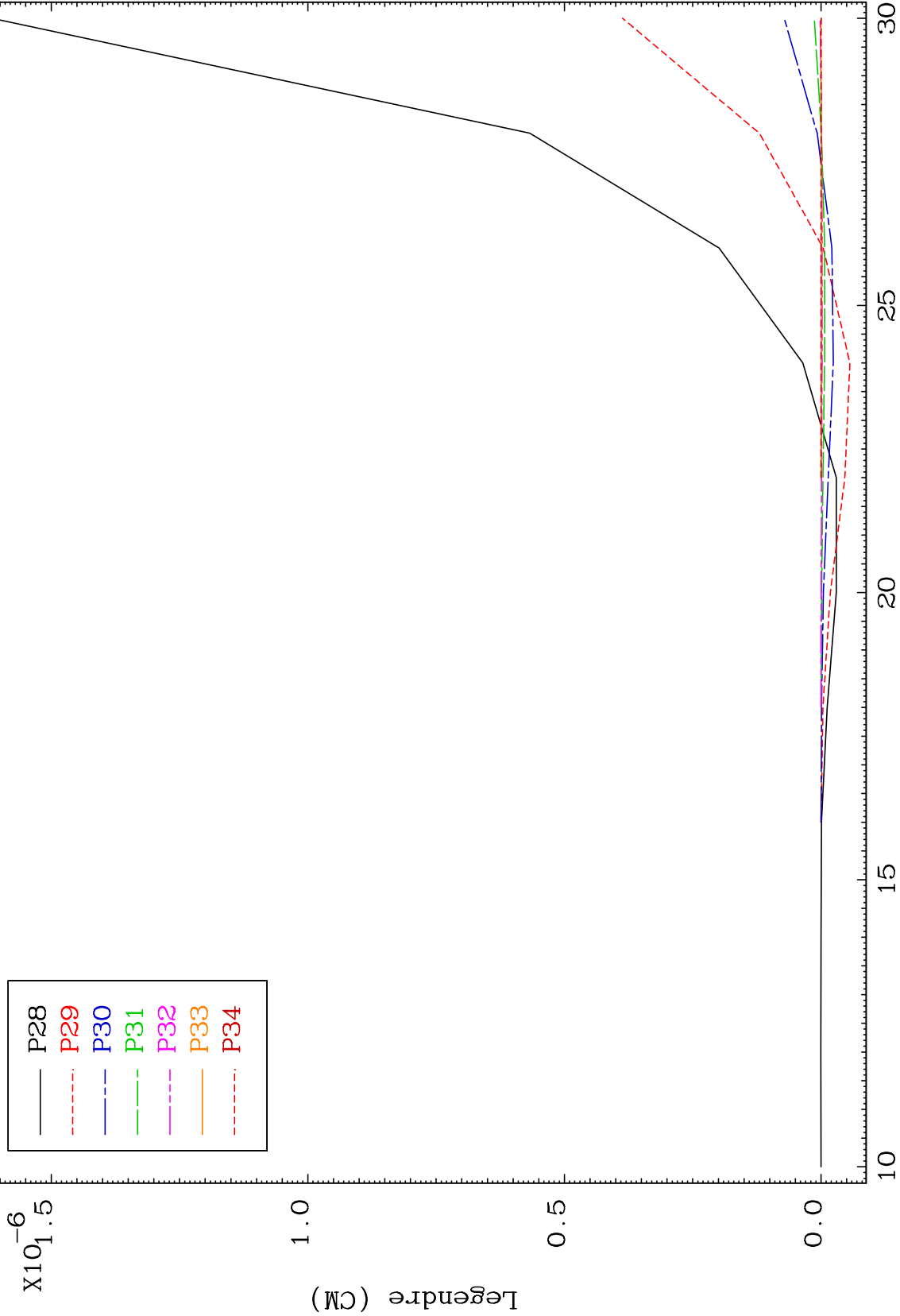
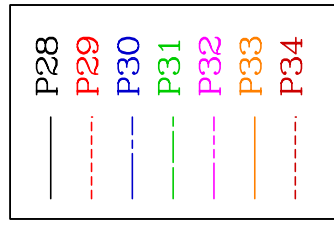
Incident Energy (MeV)

57-La-144

MAT 5743

Elastic
Legendre Coefficients

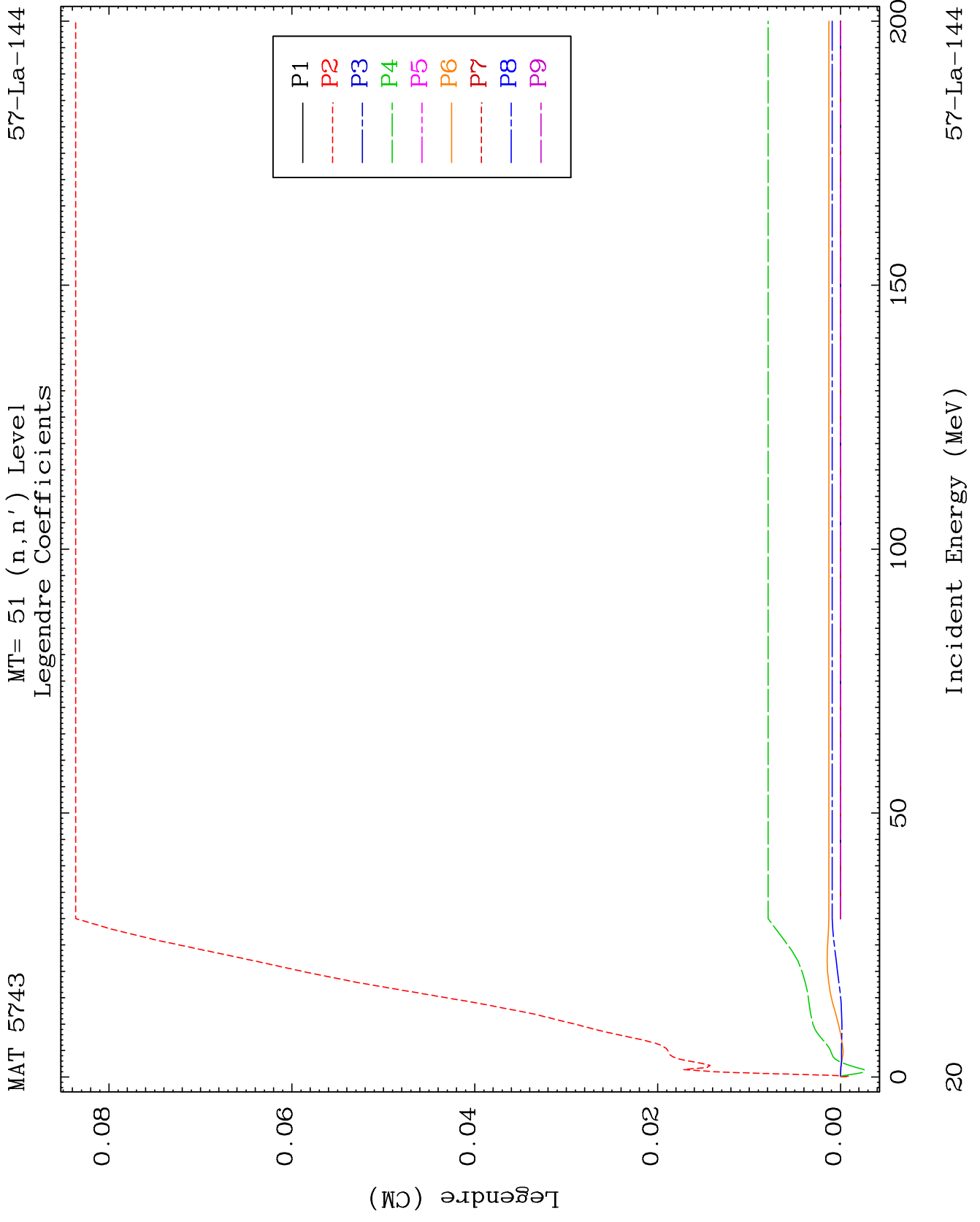
57-La-144



19

Incident Energy (MeV)

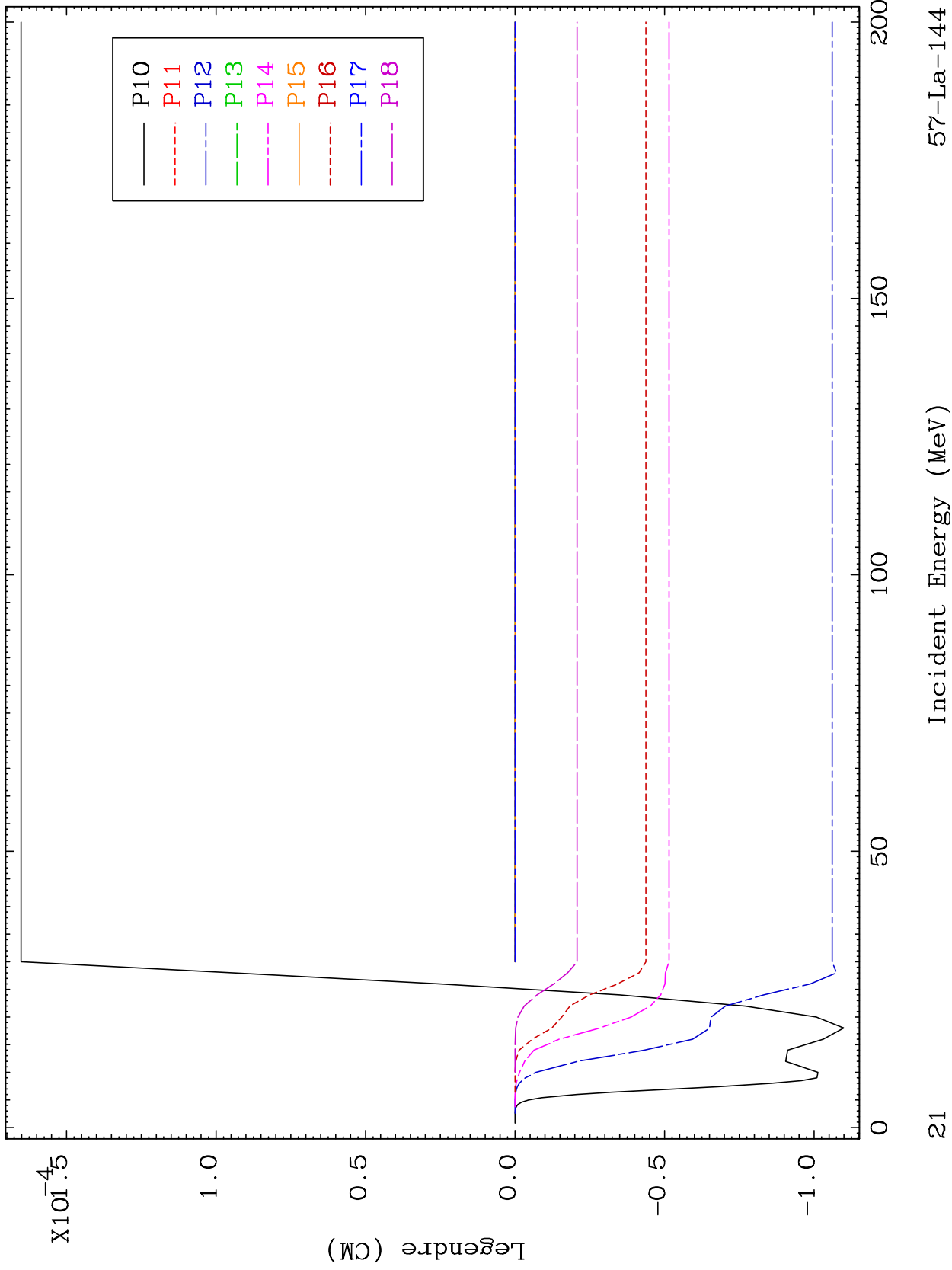
57-La-144

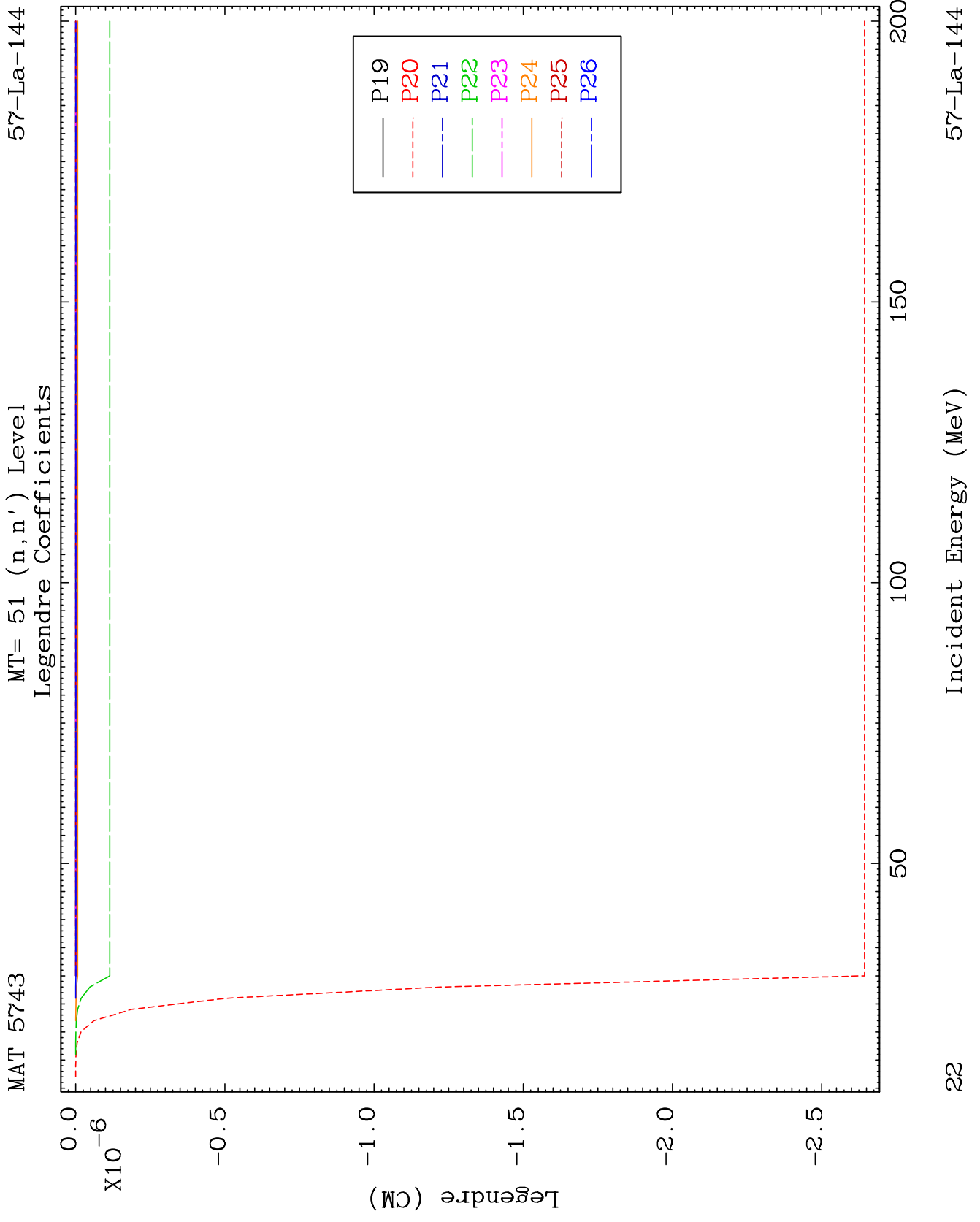


MAT 5743

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

57-La-144

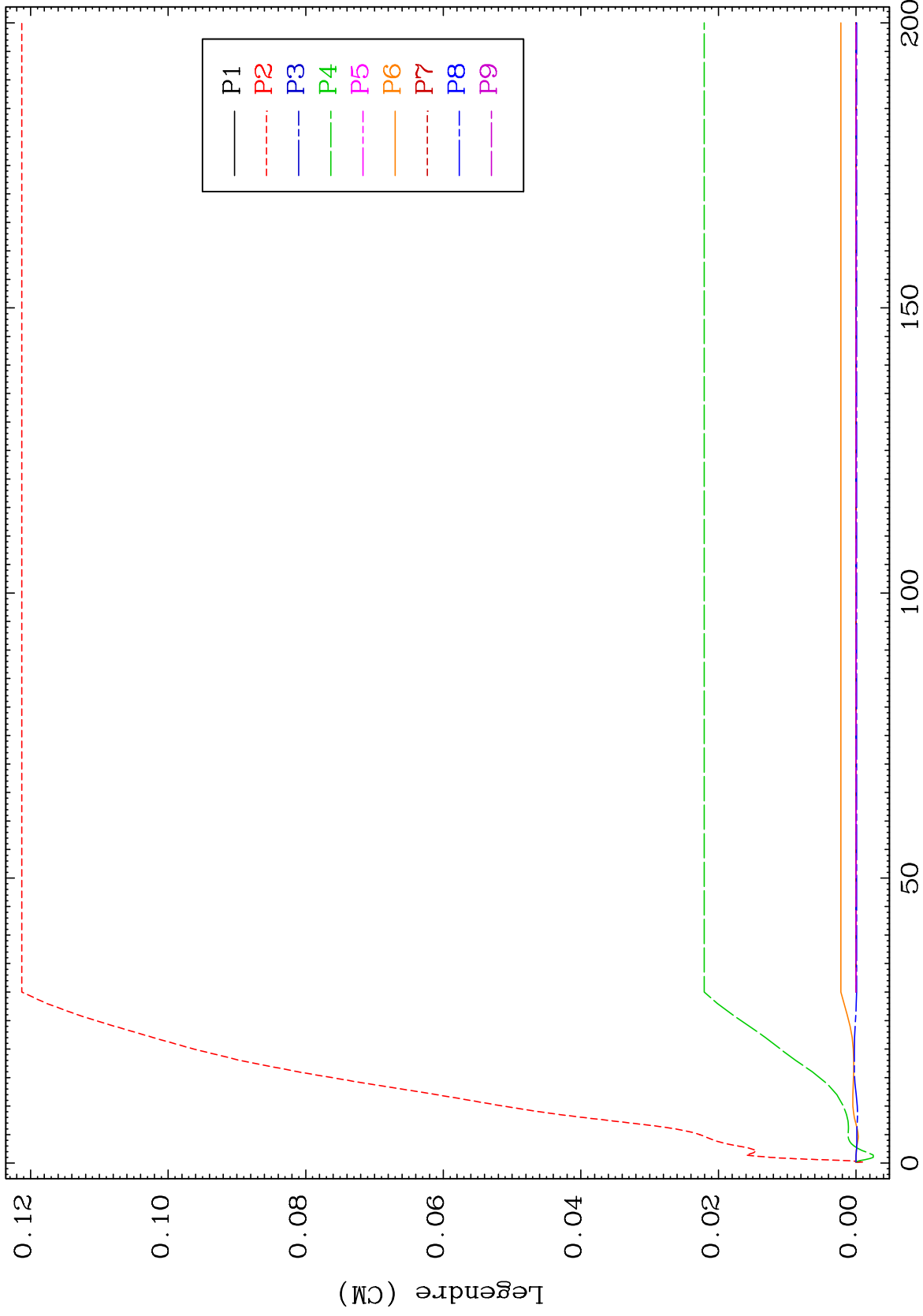




MAT 5743

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

57-La-144



23

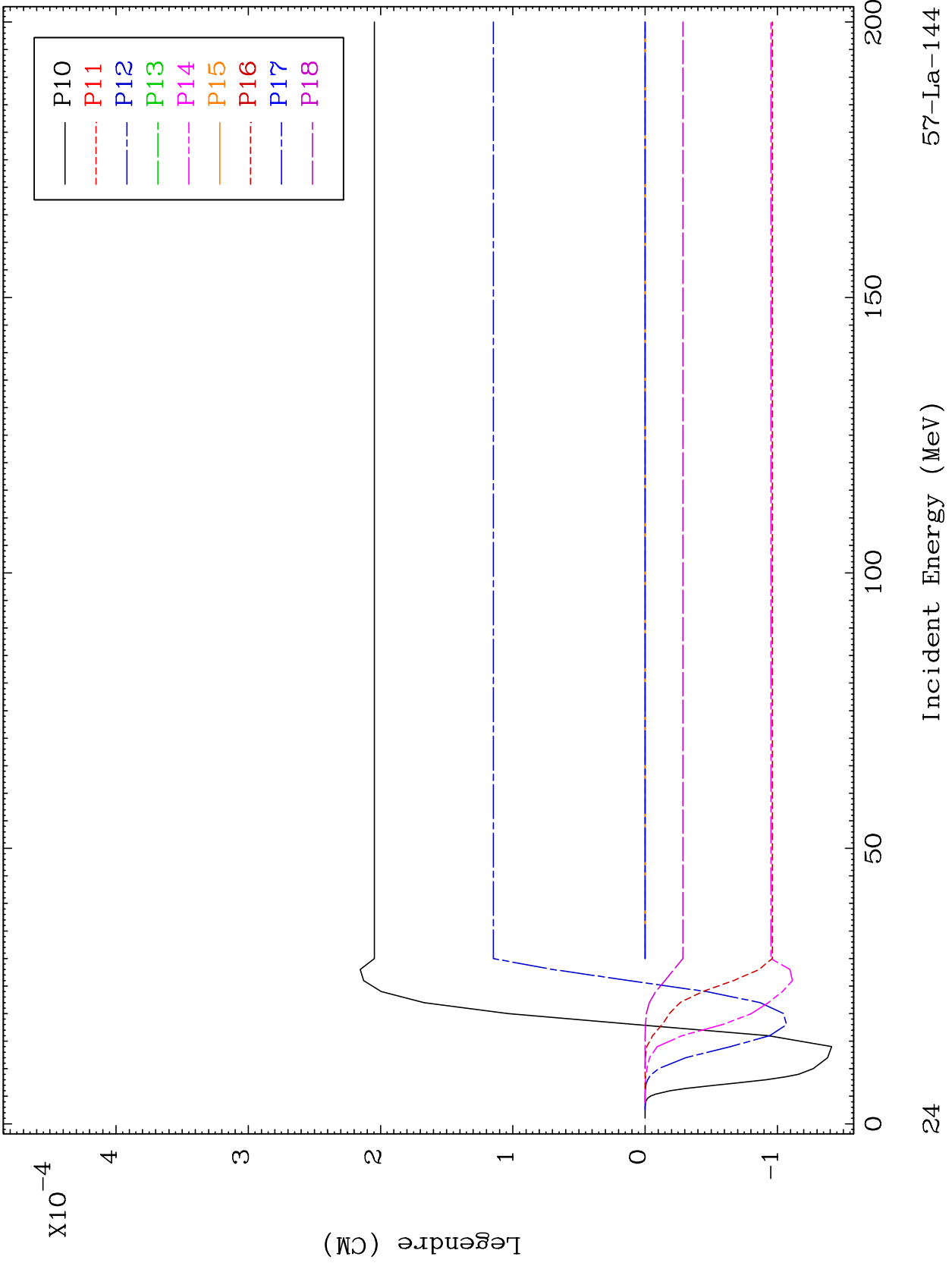
Incident Energy (MeV)

57-La-144

MAT 5743

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

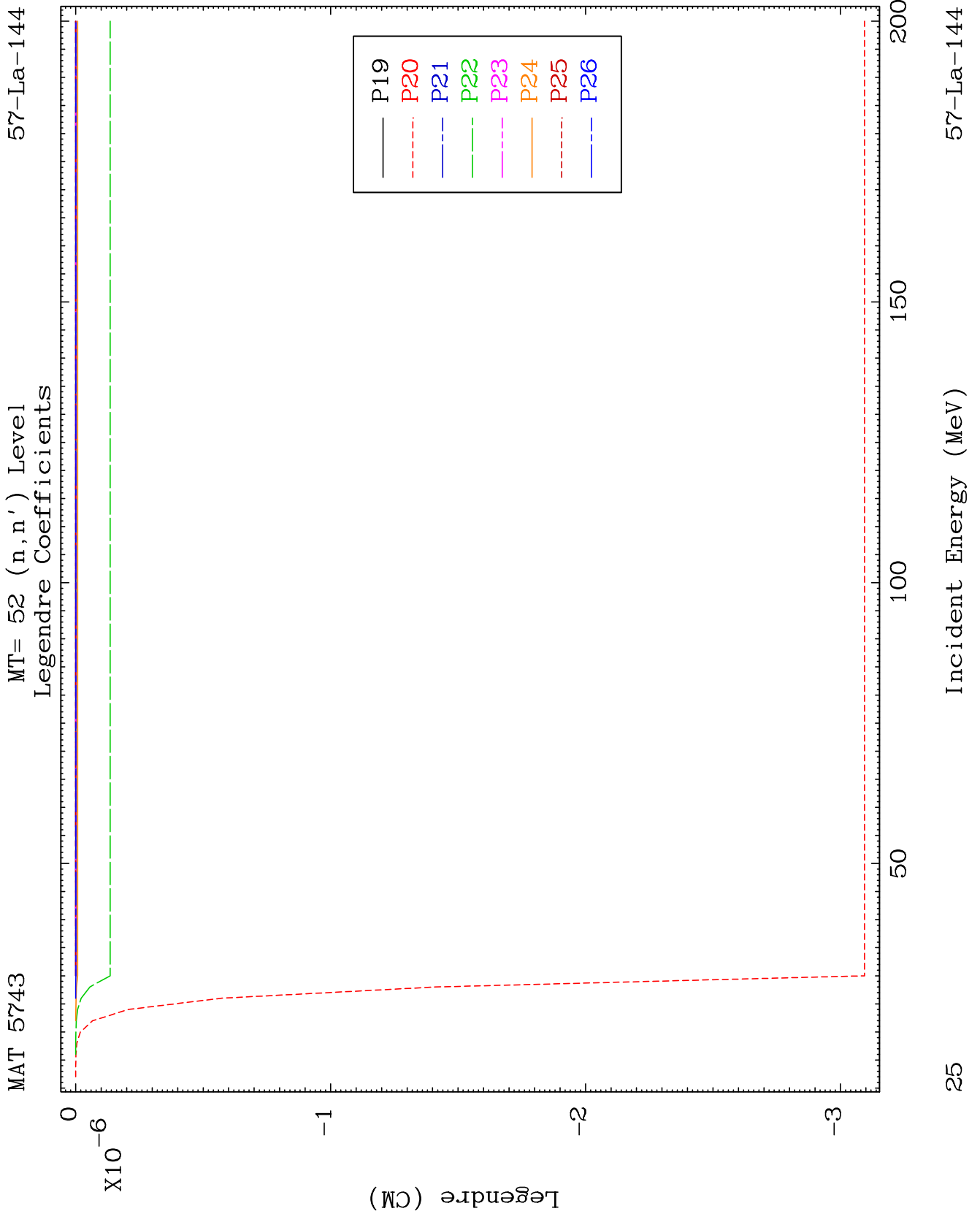
57-La-144



57-La-144

Incident Energy (MeV)

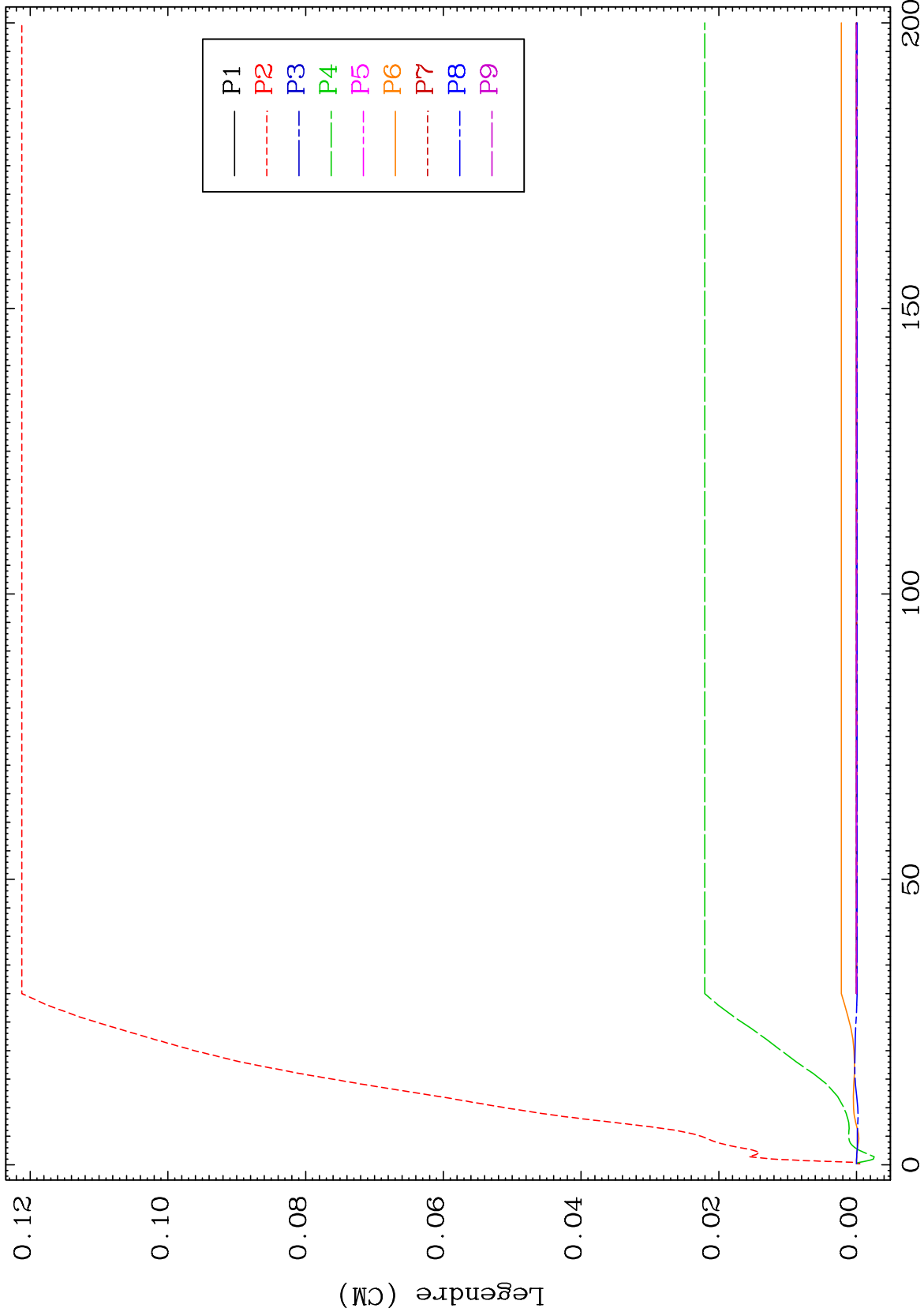
24



MAT 5743

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

57-La-144



26

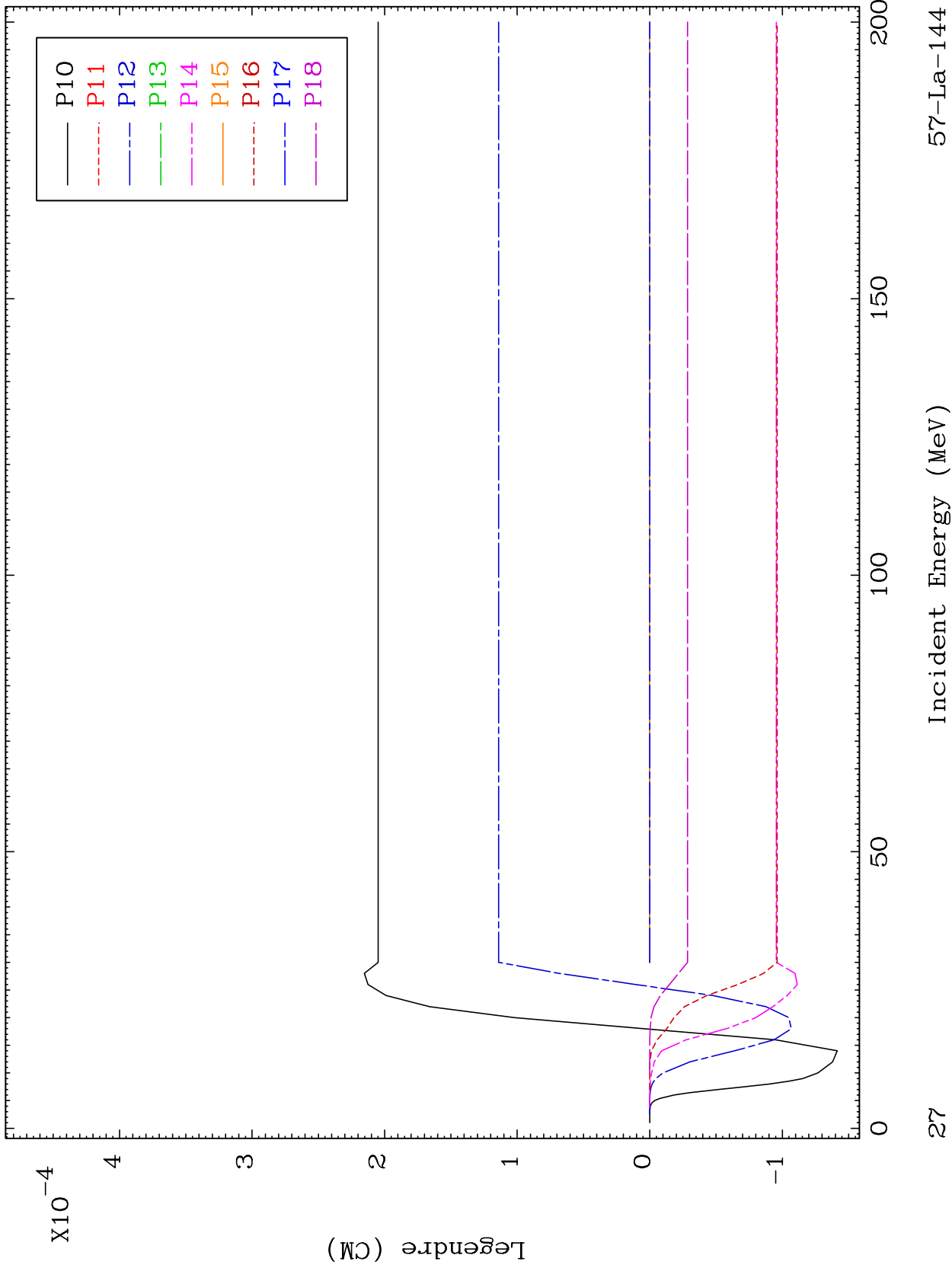
Incident Energy (MeV)

57-La-144

MAT 5743

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

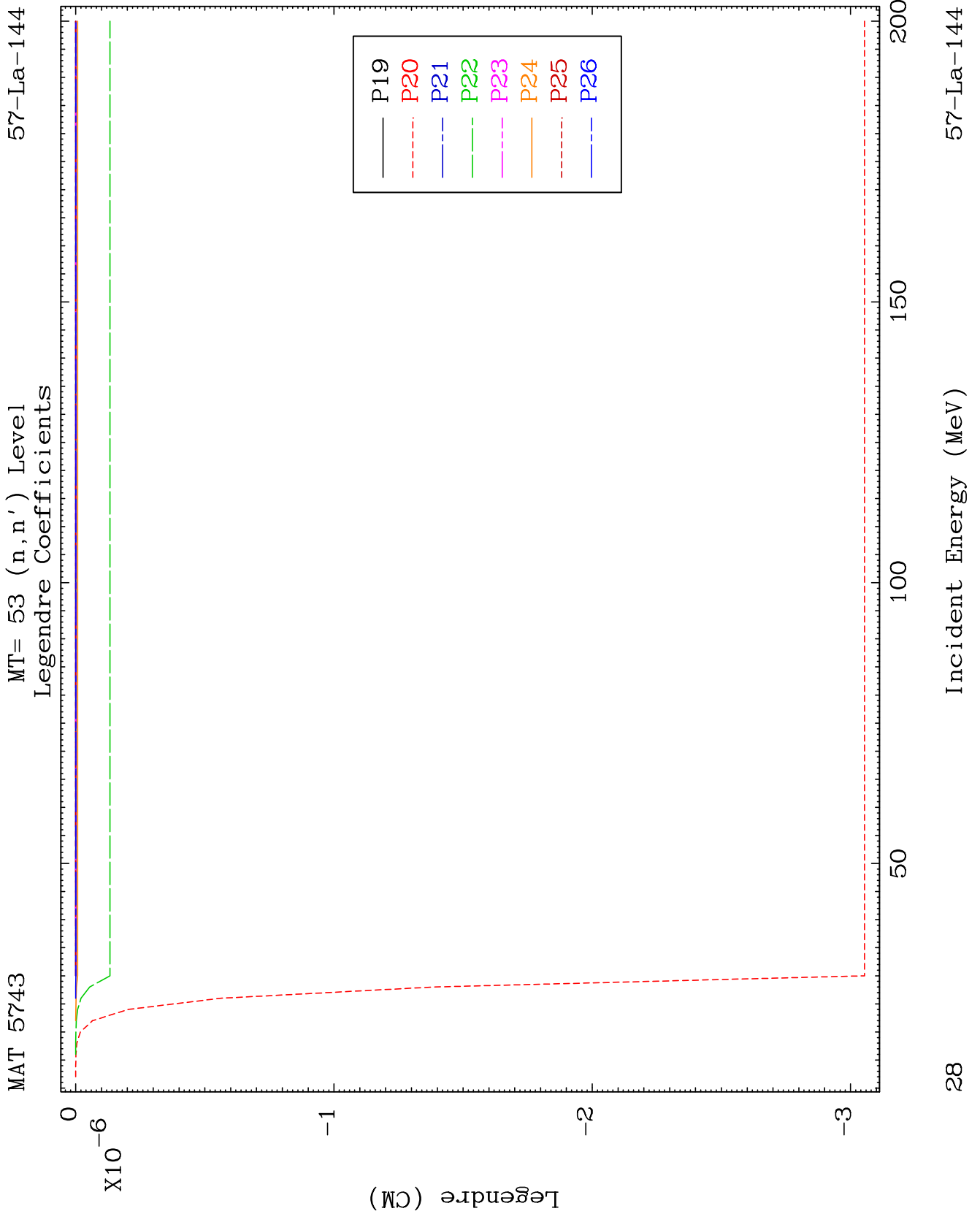
57-La-144



27

Incident Energy (MeV)

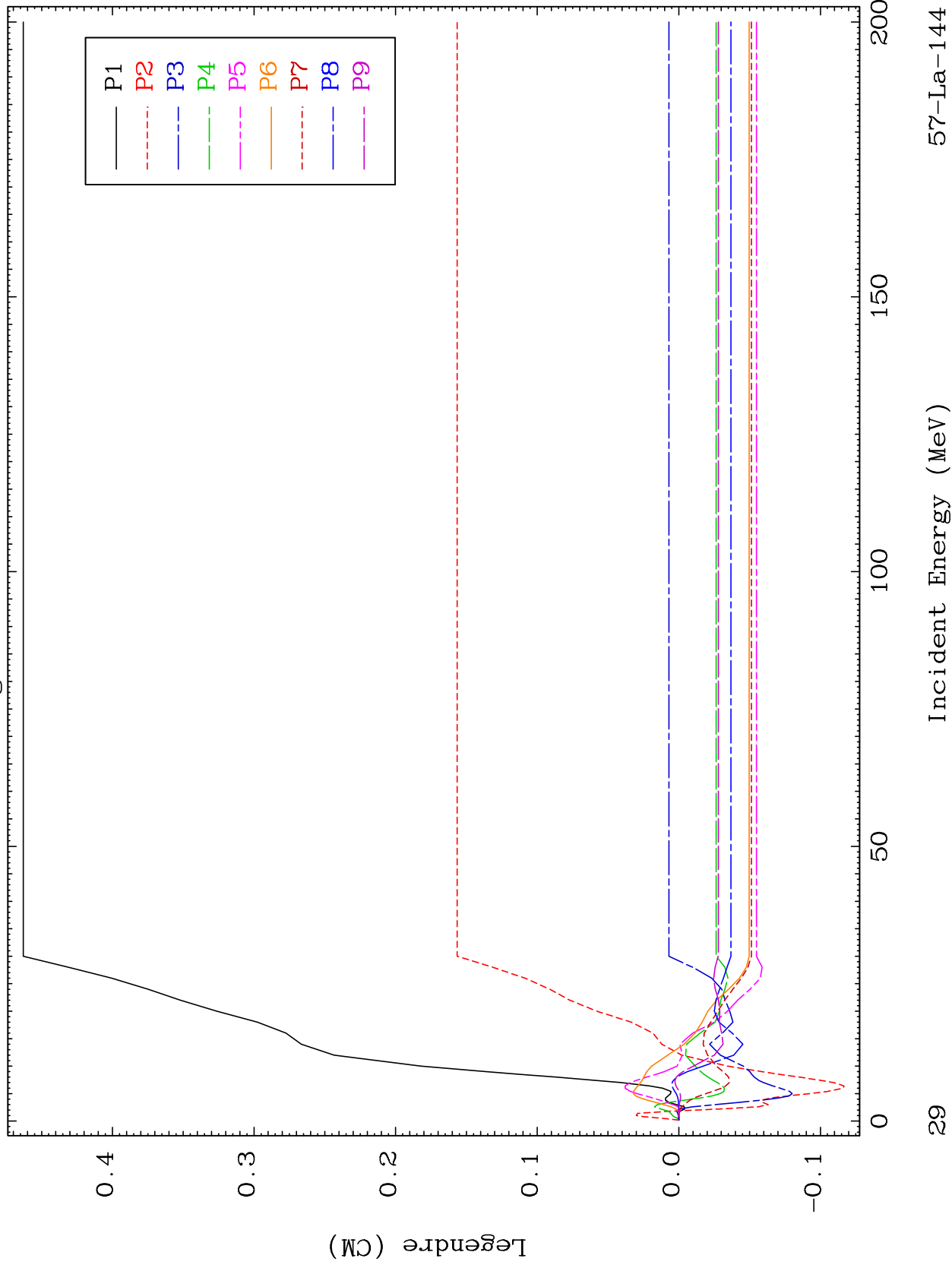
57-La-144



MAT 5743

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

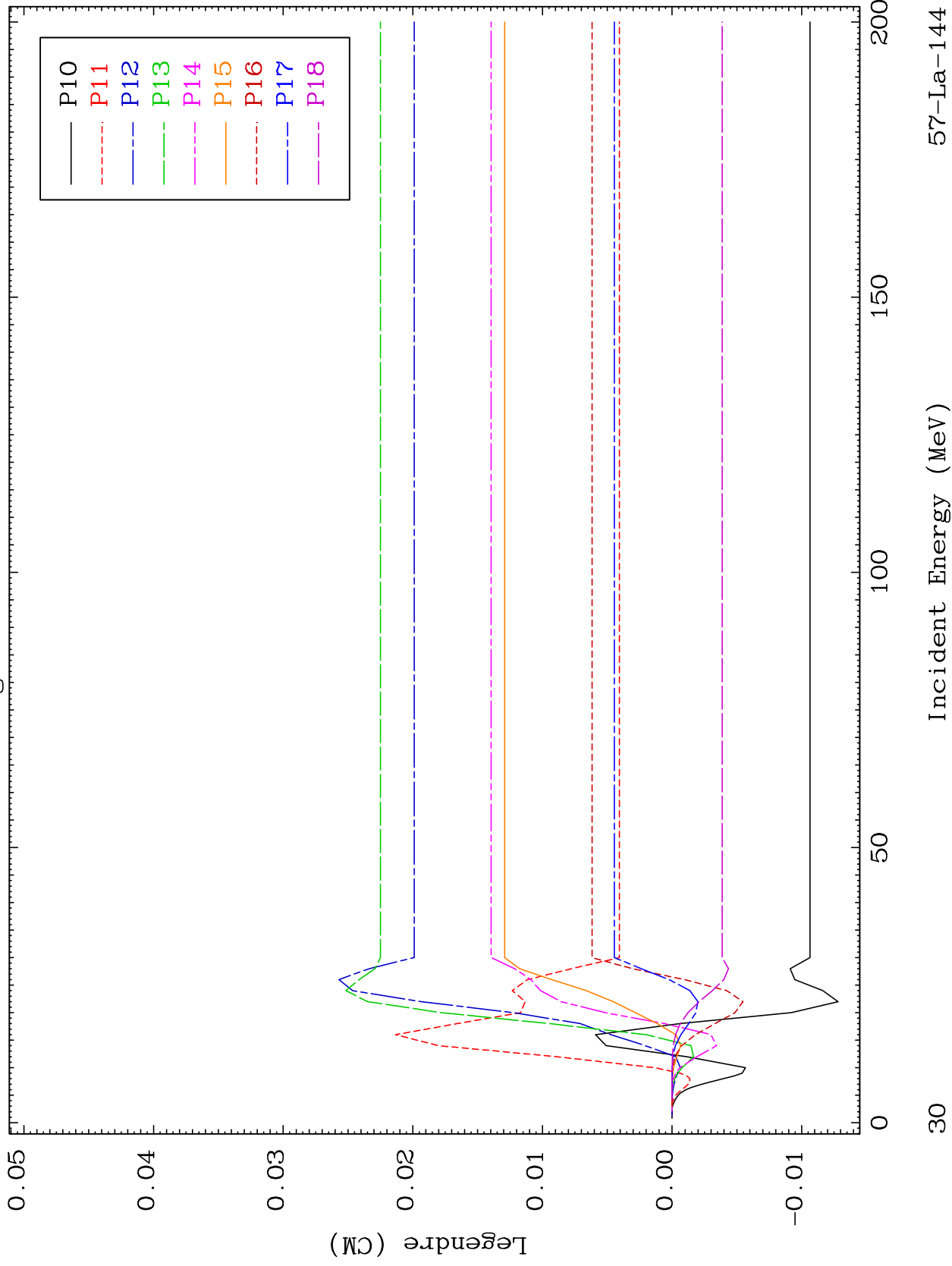
57-La-144



MAT 5743

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

57-La-144



57-La-144

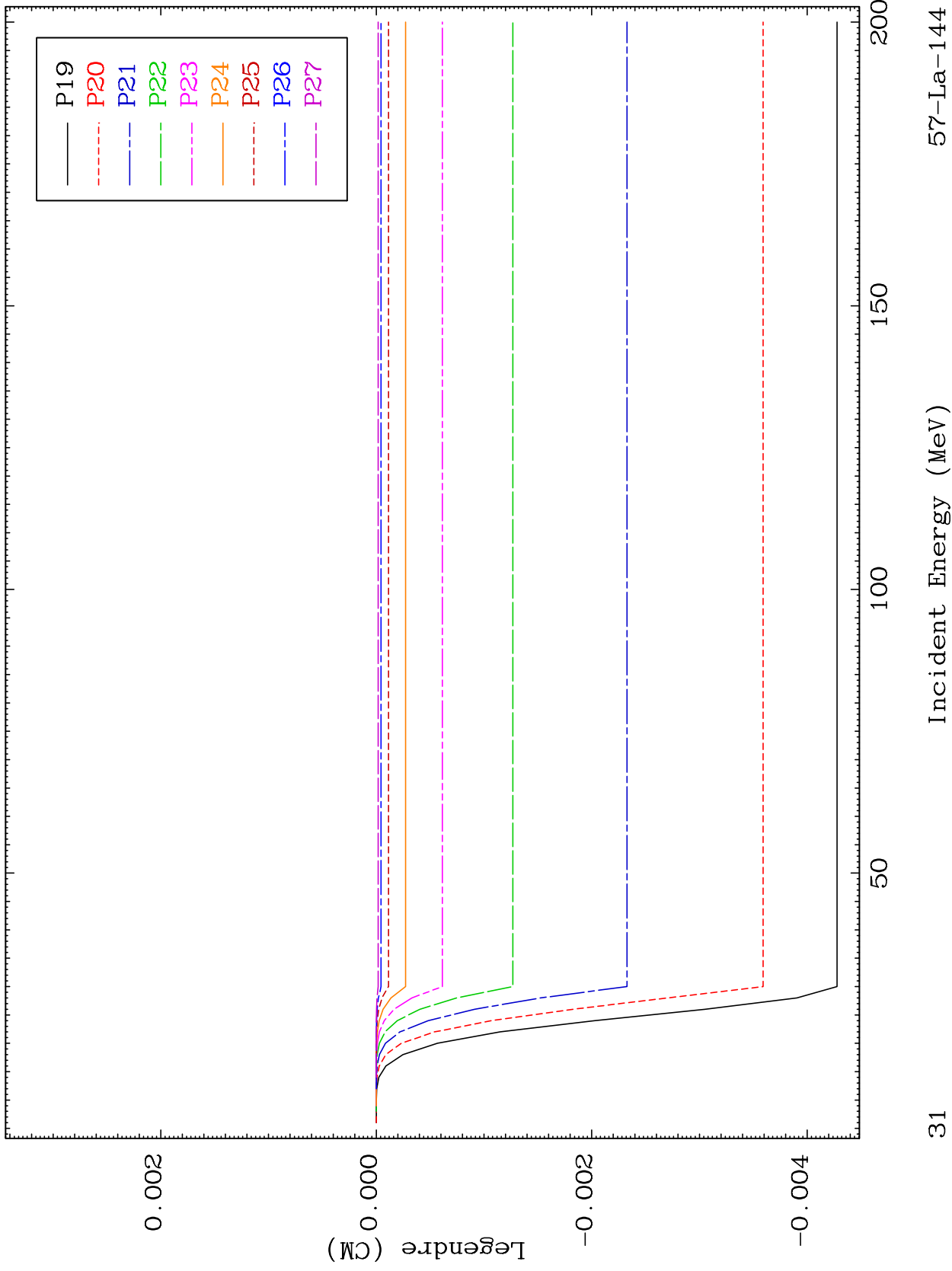
Incident Energy (MeV)

30

MAT 5743

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

57-La-144



31

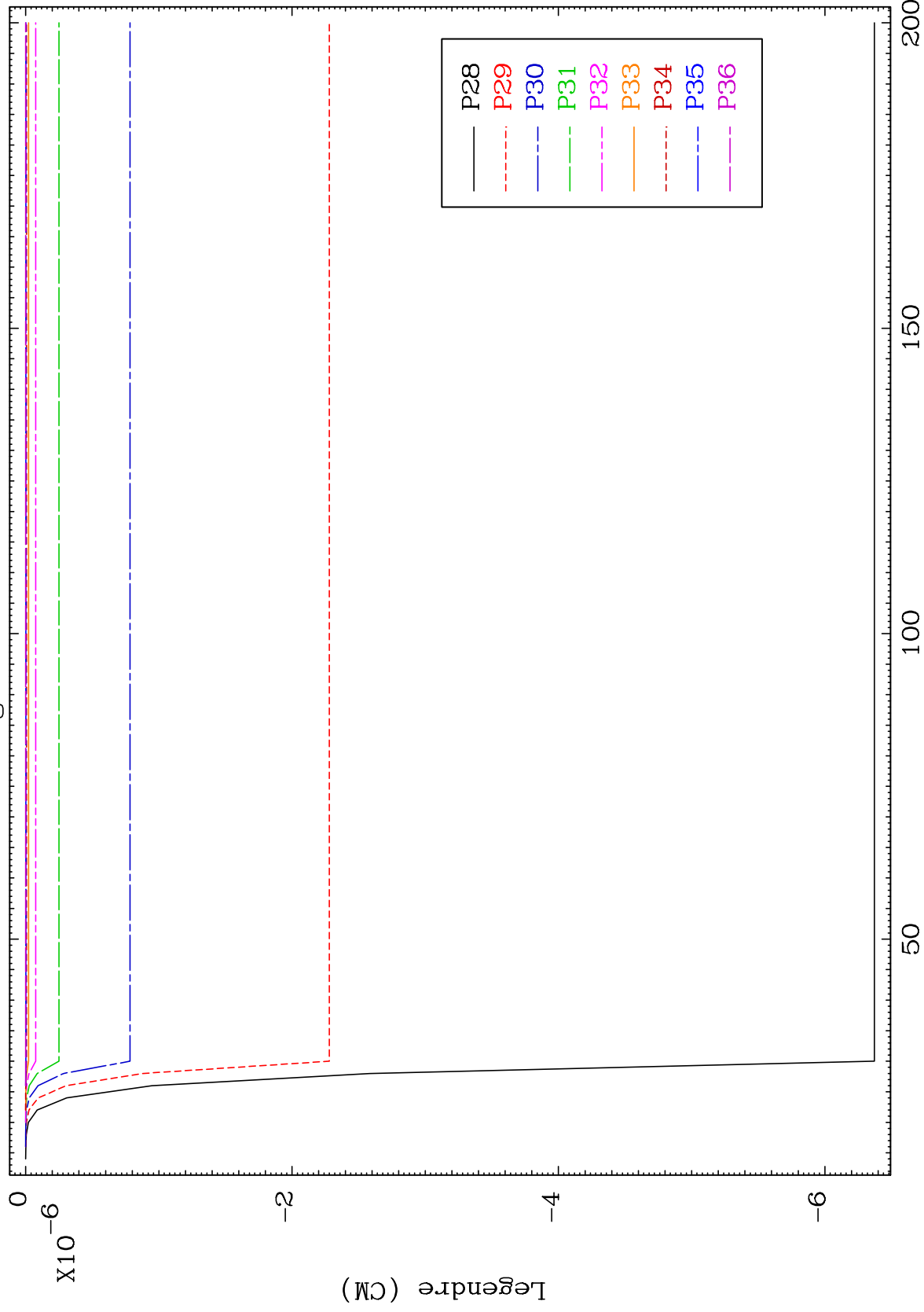
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



32

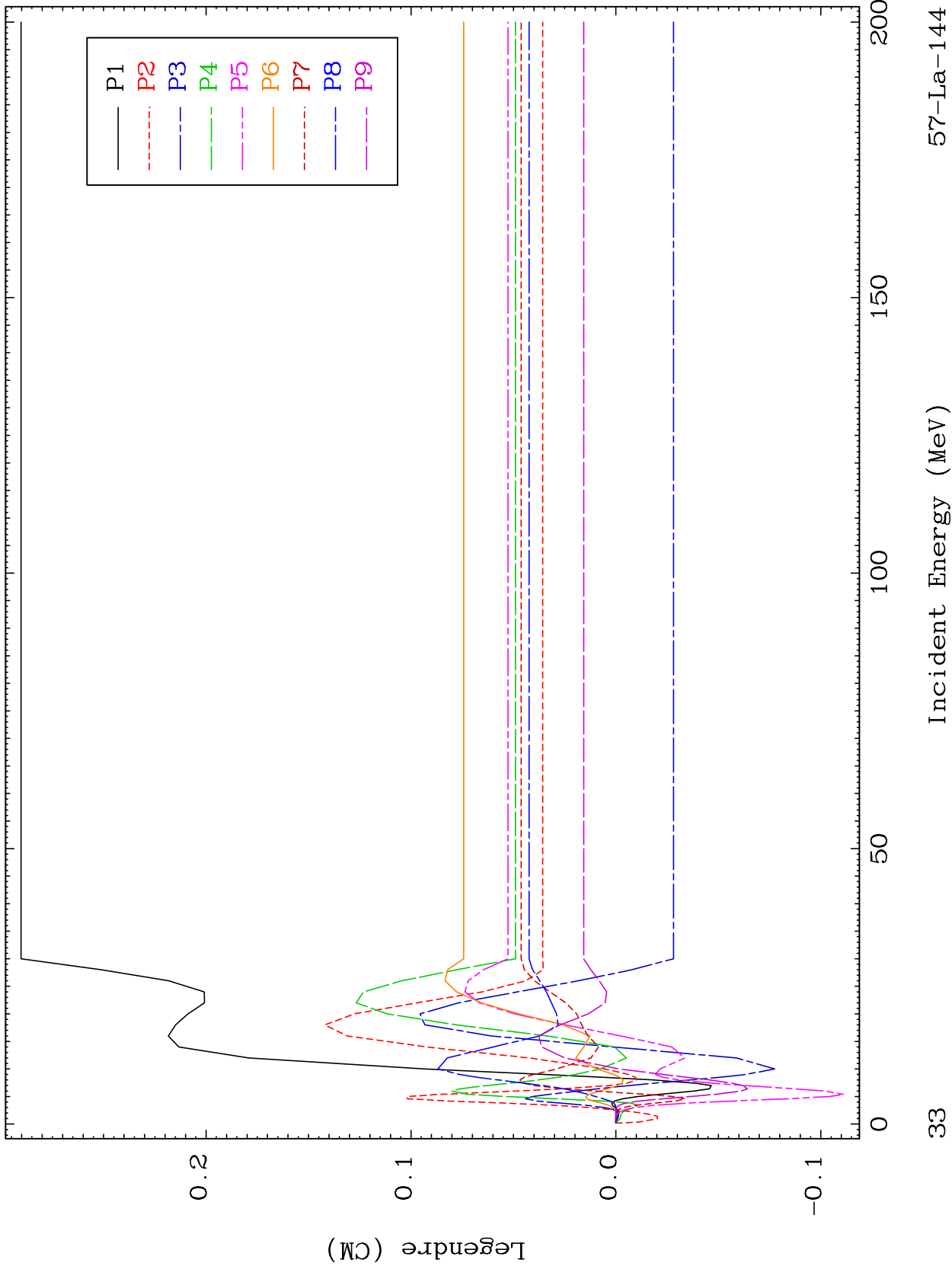
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



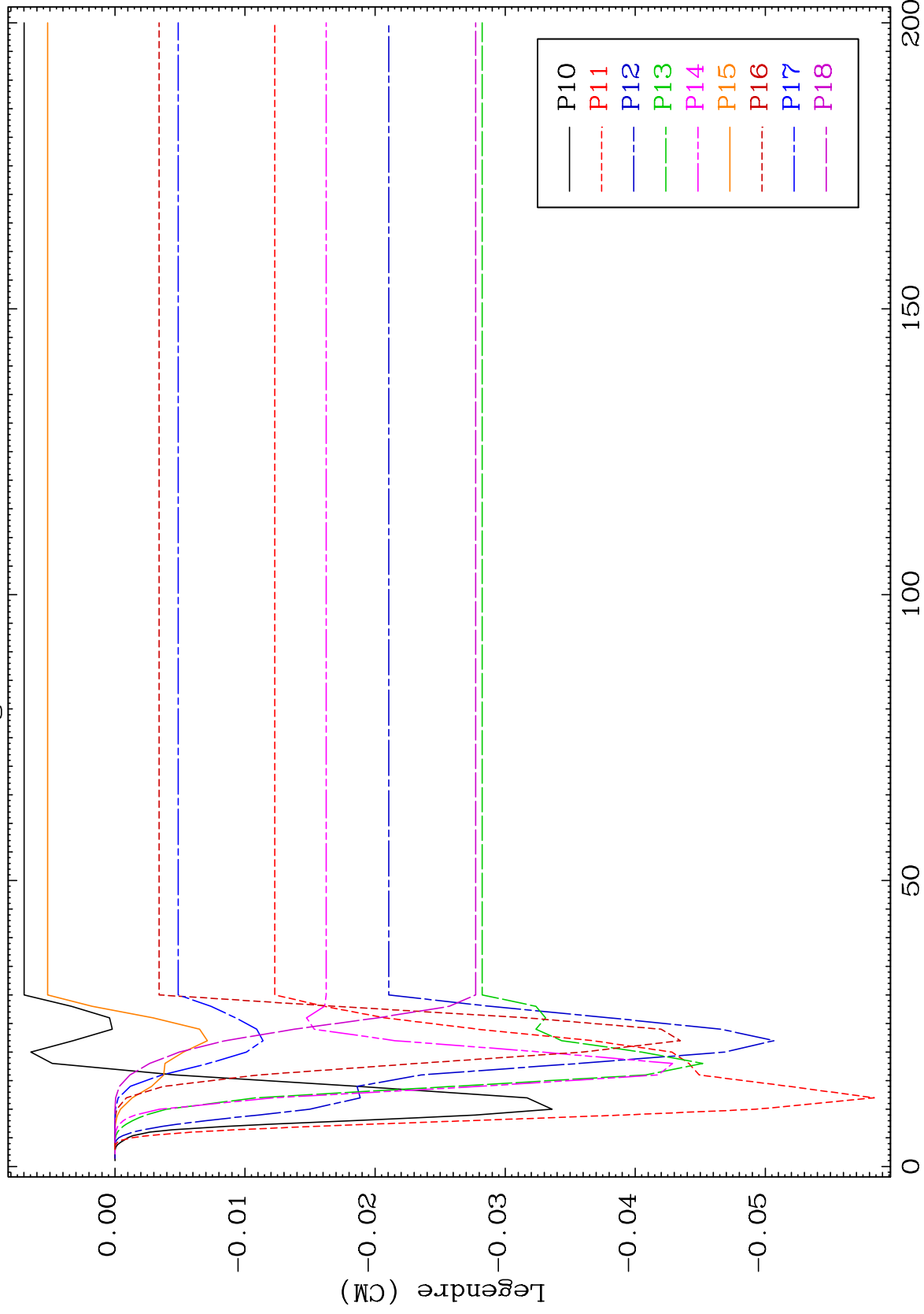
33

57-La-144

MAT 5743

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

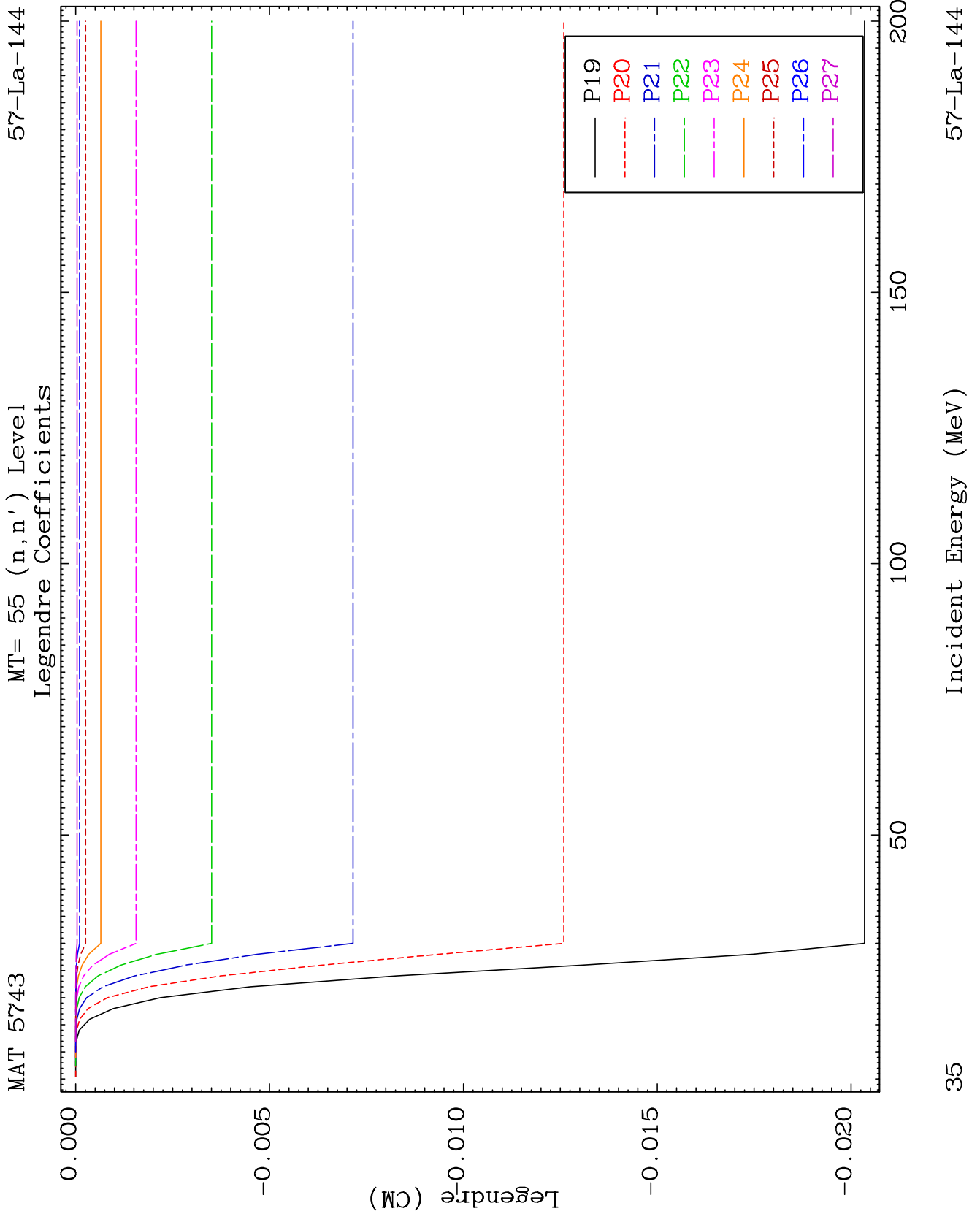
57-La-144

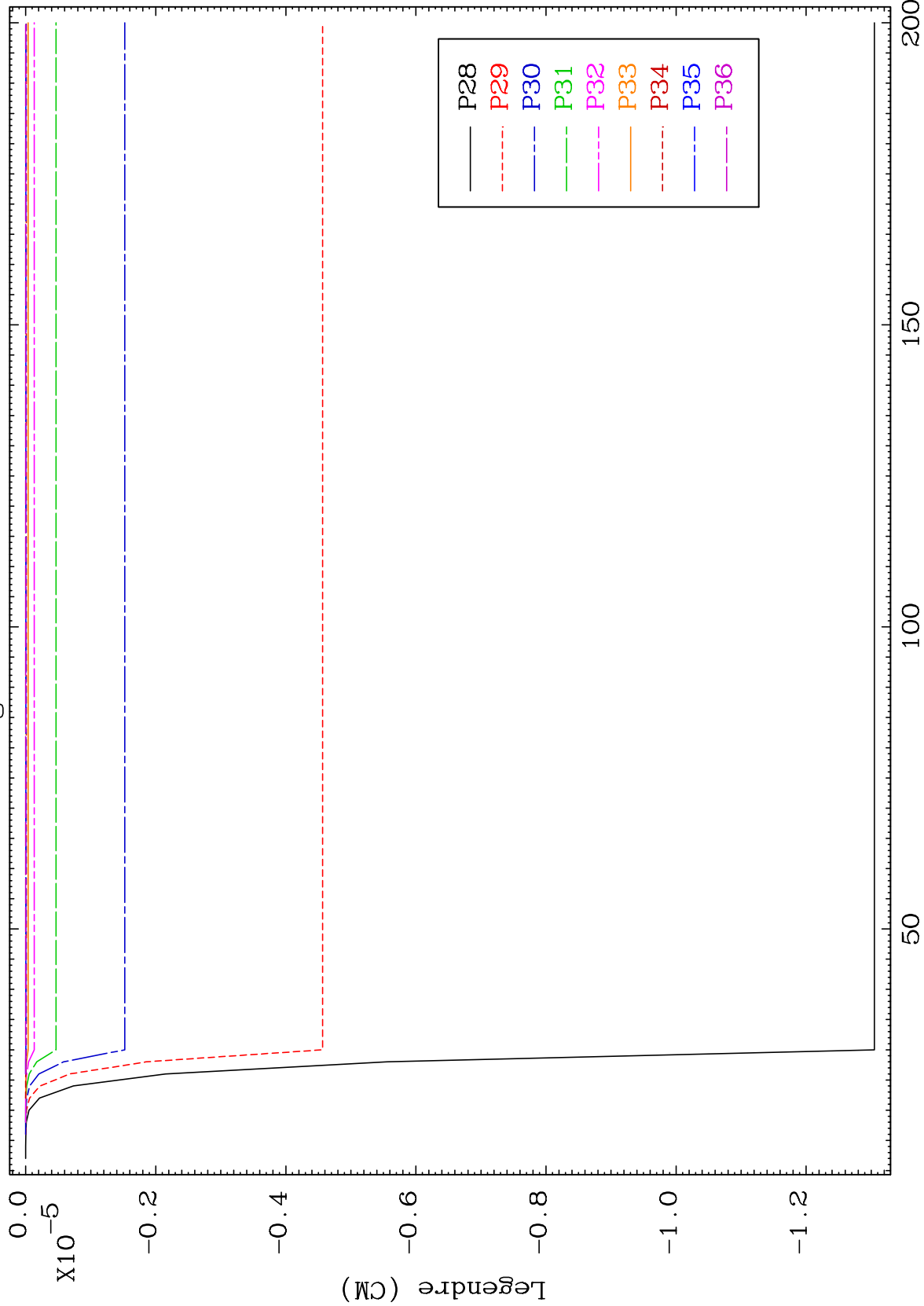


34

Incident Energy (MeV)

57-La-144

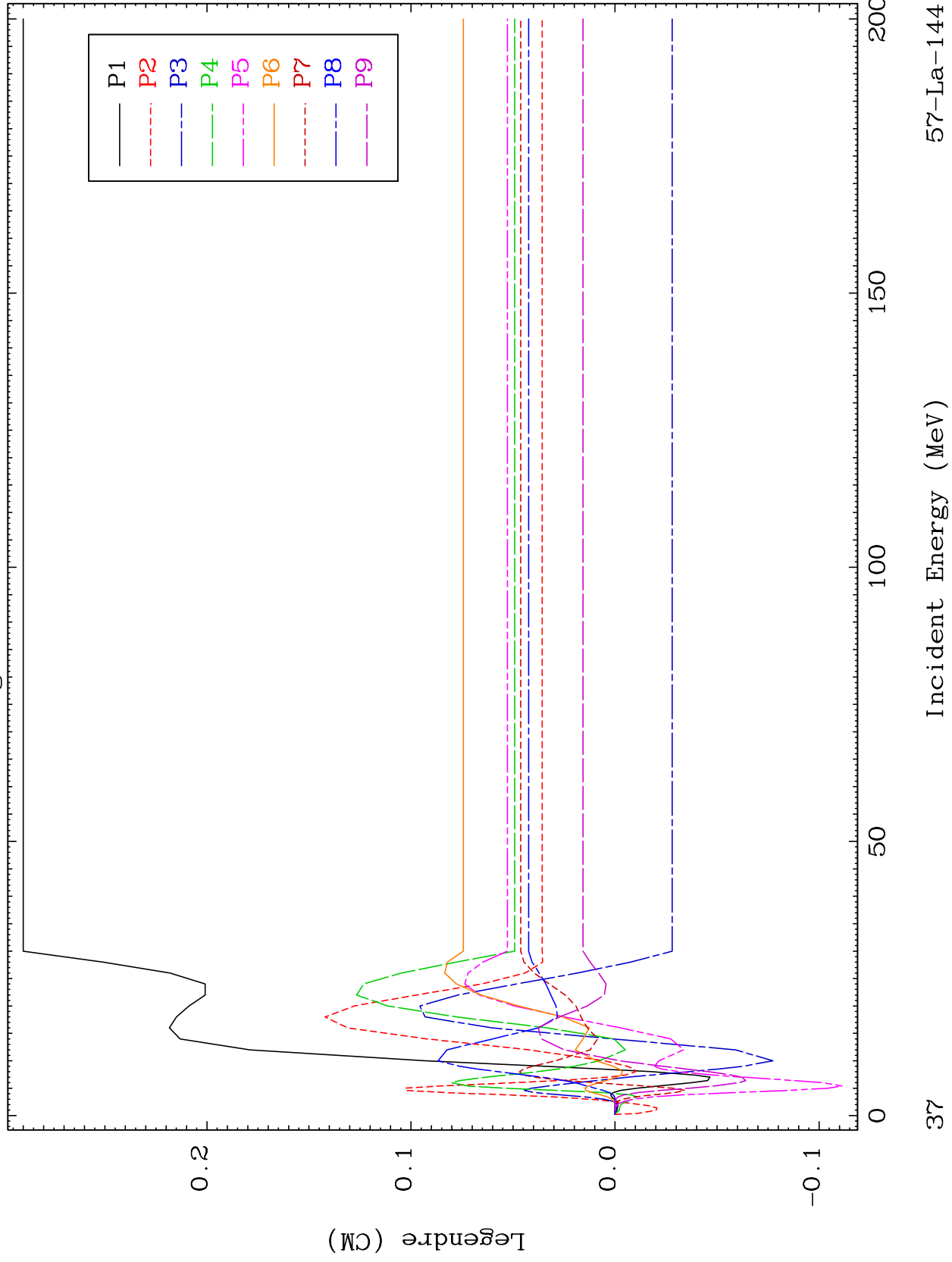




MAT 5743

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

57-La-144



57-La-144

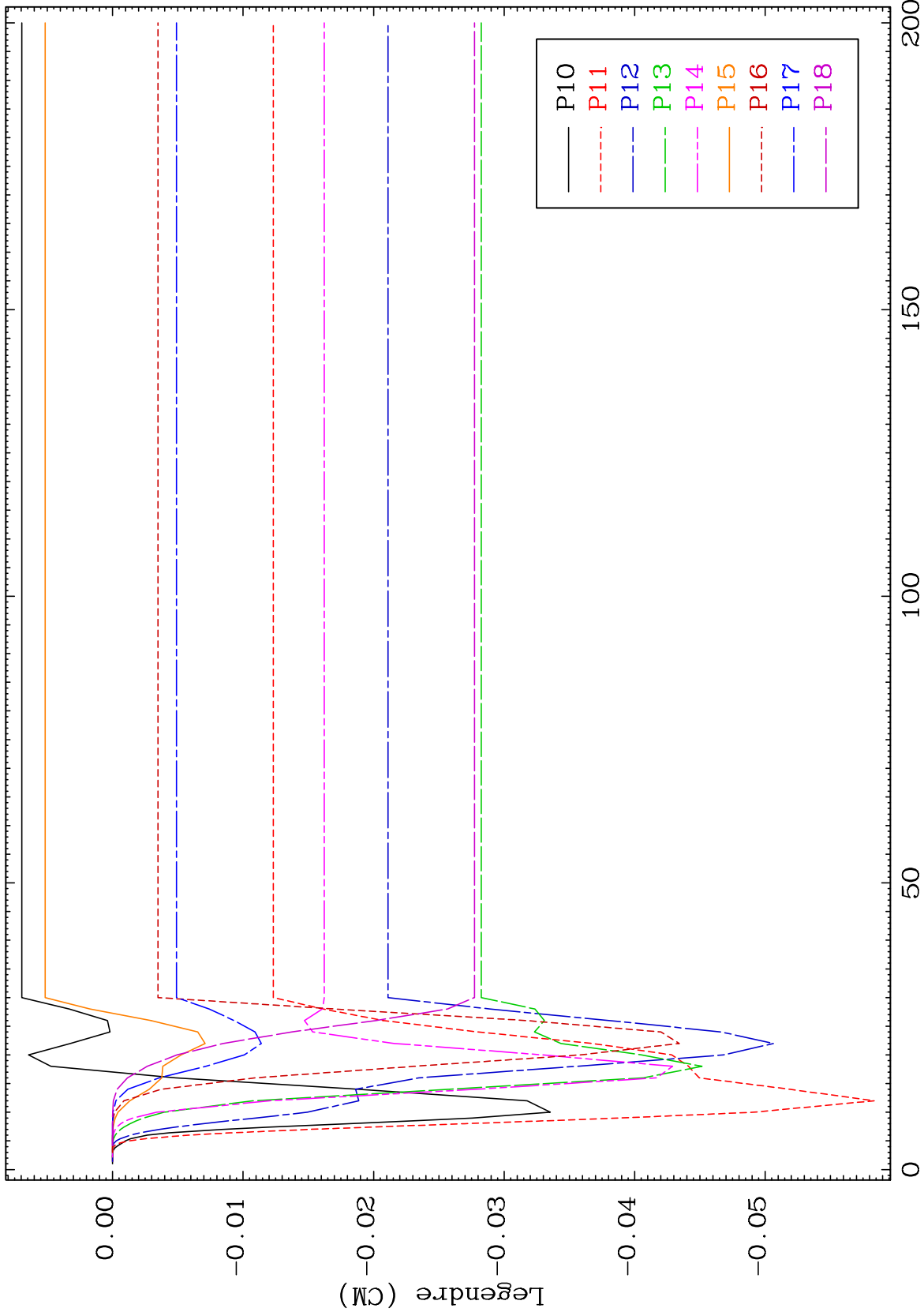
Incident Energy (MeV)

37

MAT 5743

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

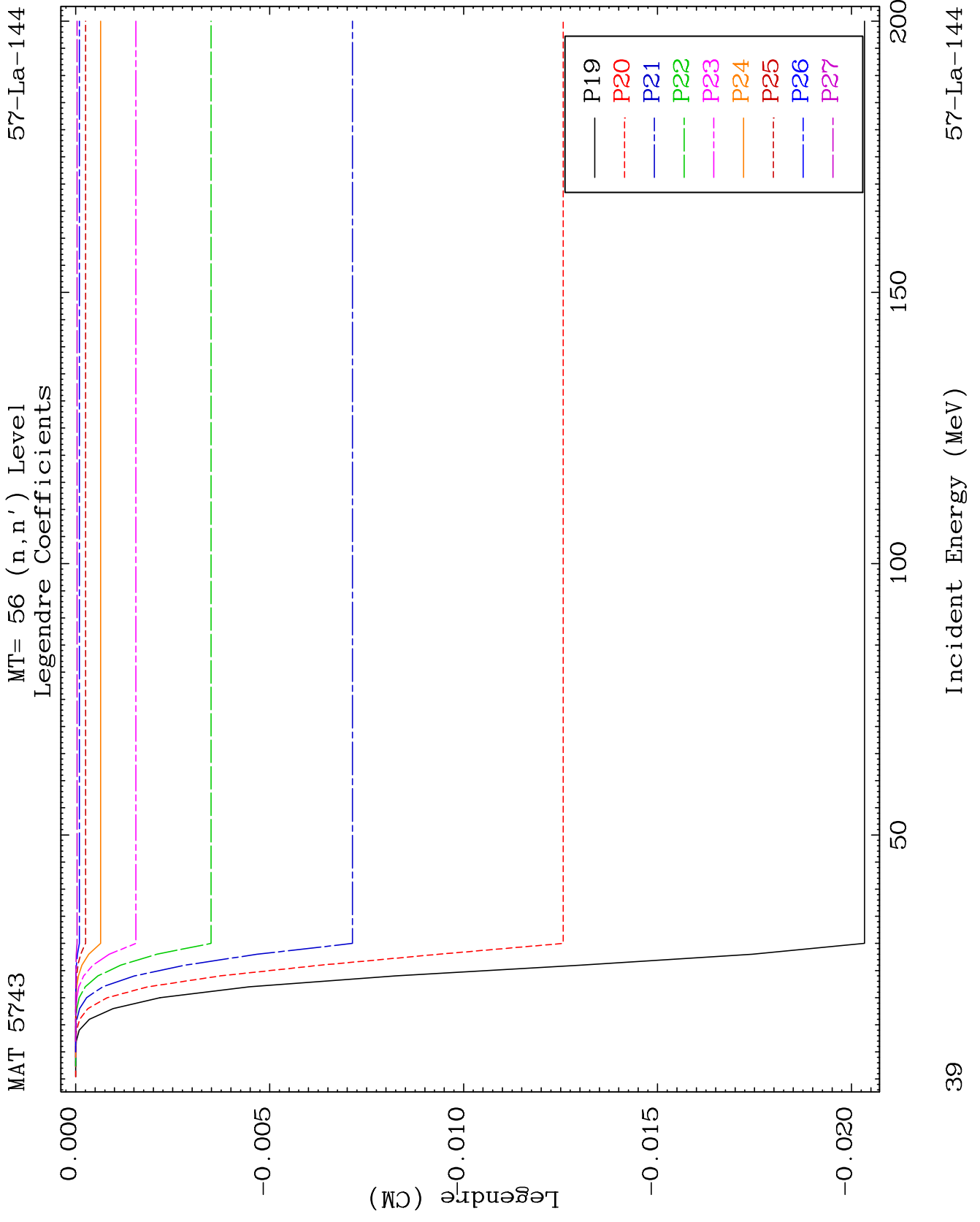
57-La-144

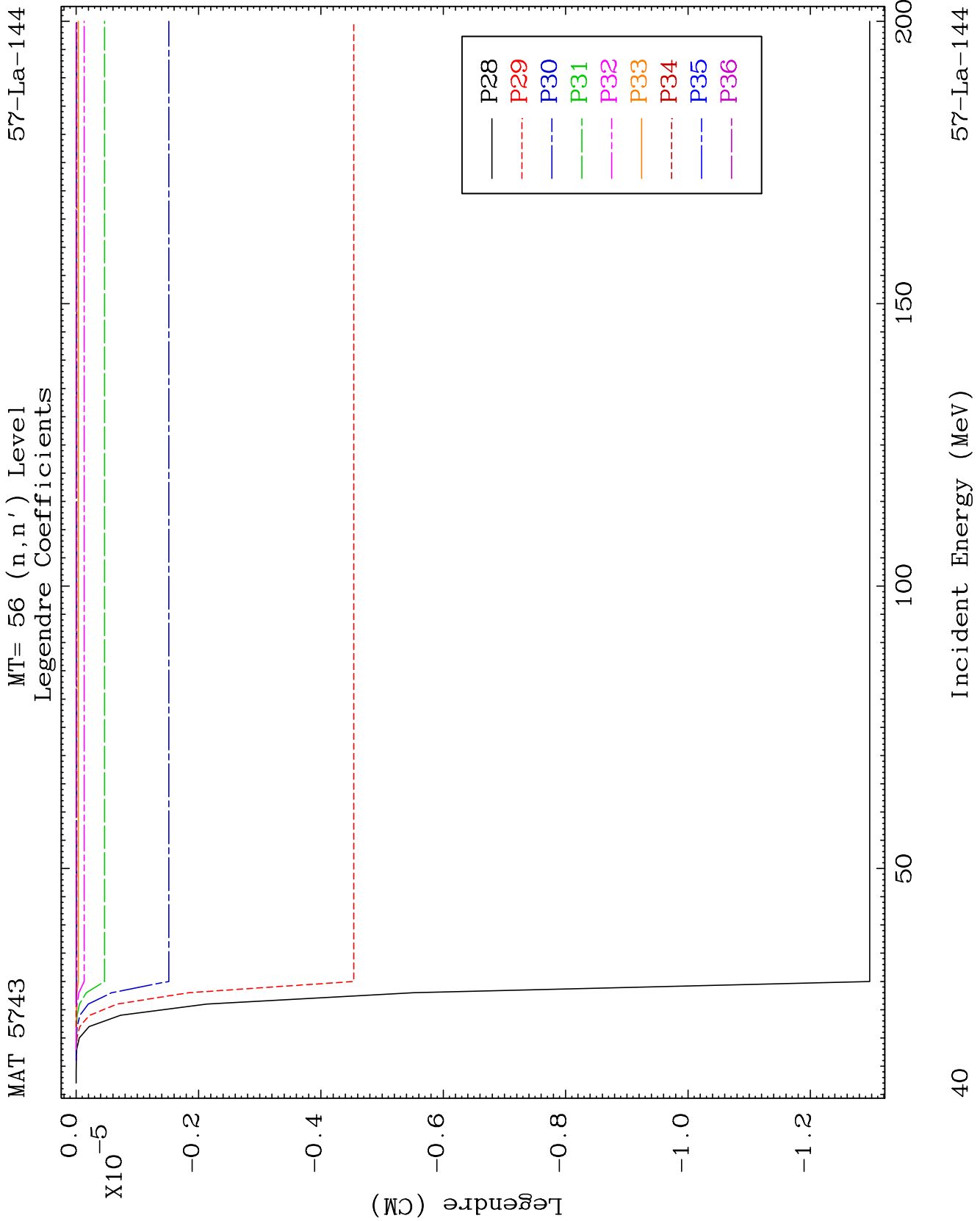


38

Incident Energy (MeV)

57-La-144

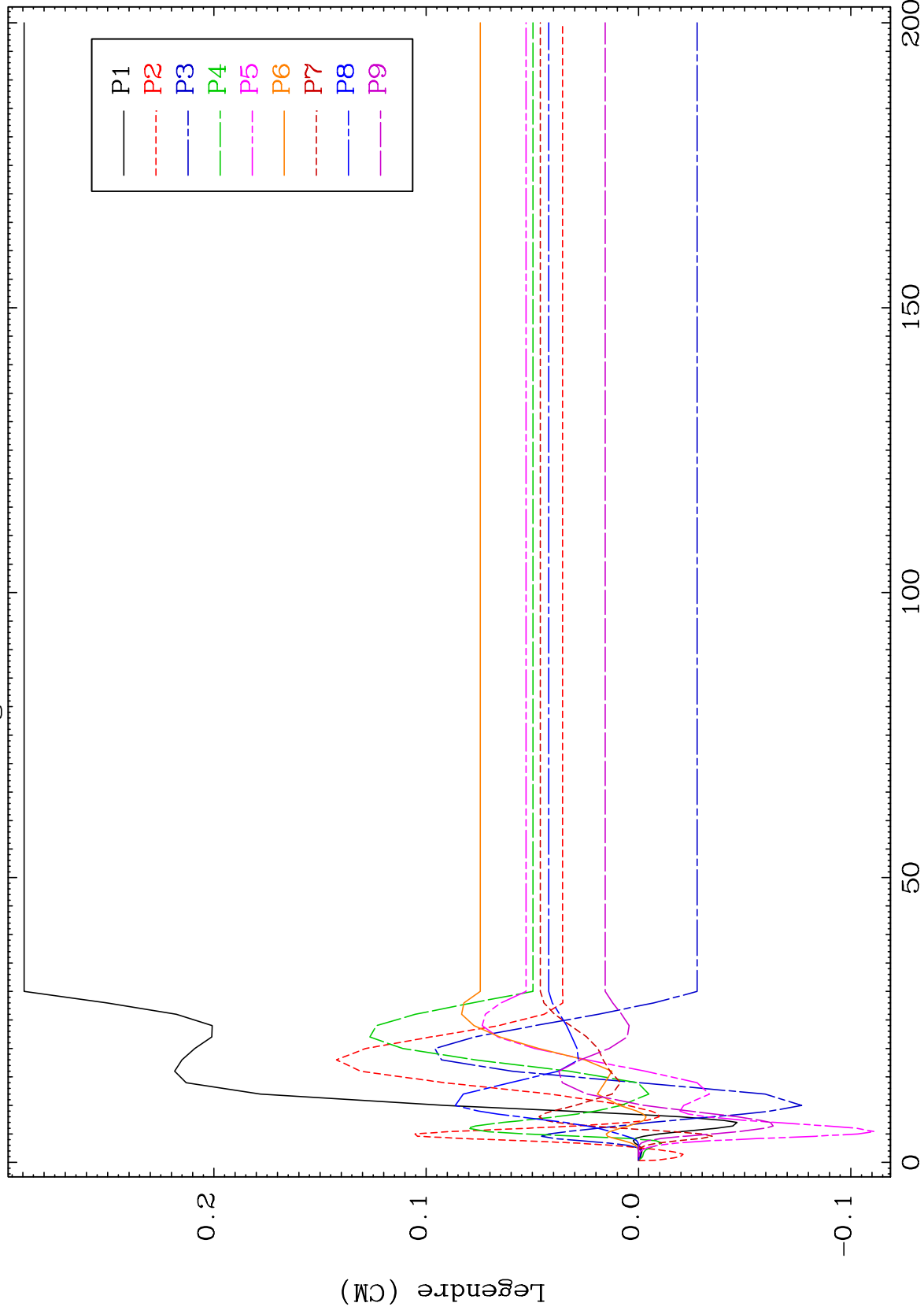




MAT 5743

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

57-La-144



41

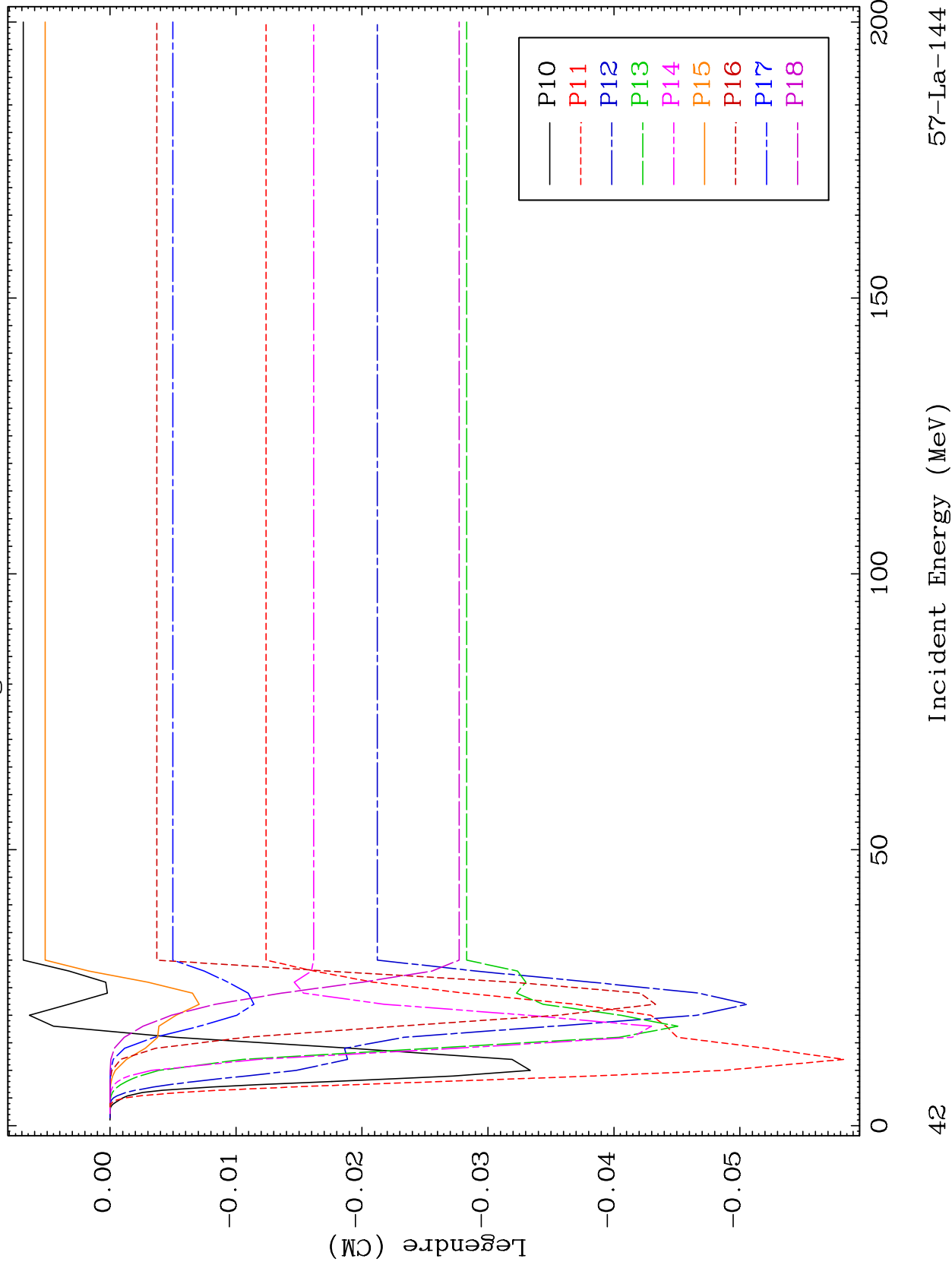
Incident Energy (MeV)

57-La-144

MAT 5743

57-La-144

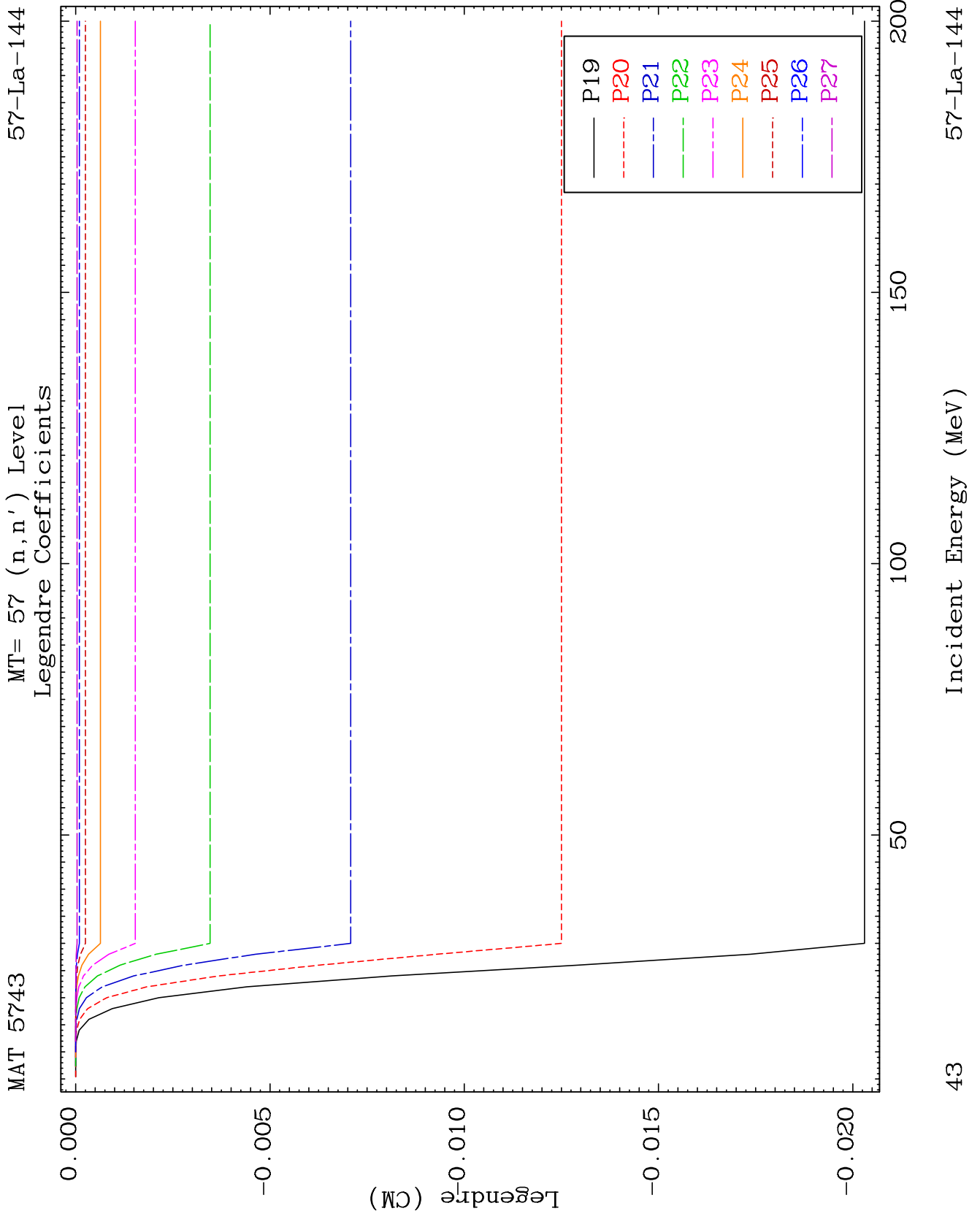
MT= 57 (n,n') Level
Legendre Coefficients

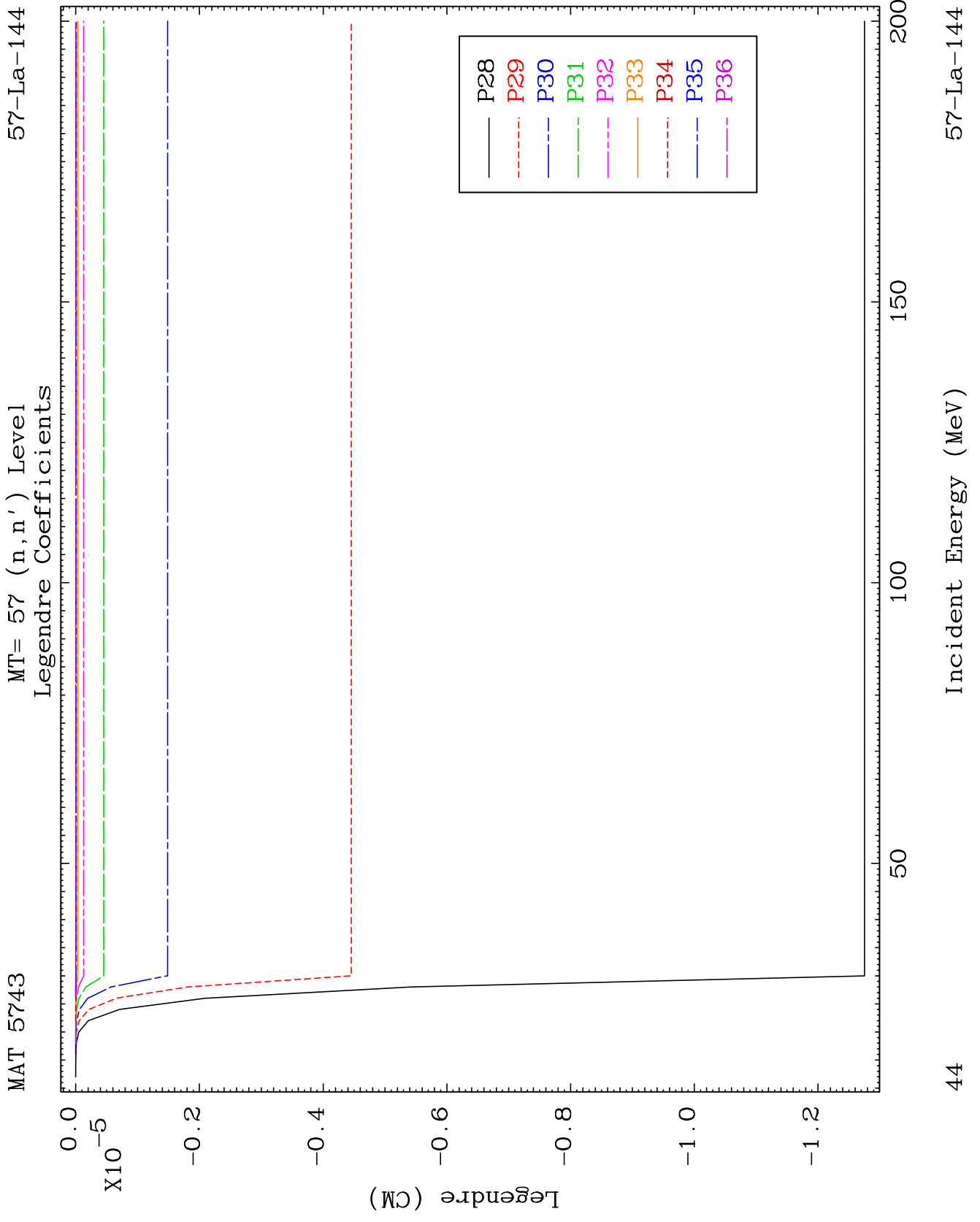


57-La-144

Incident Energy (MeV)

42

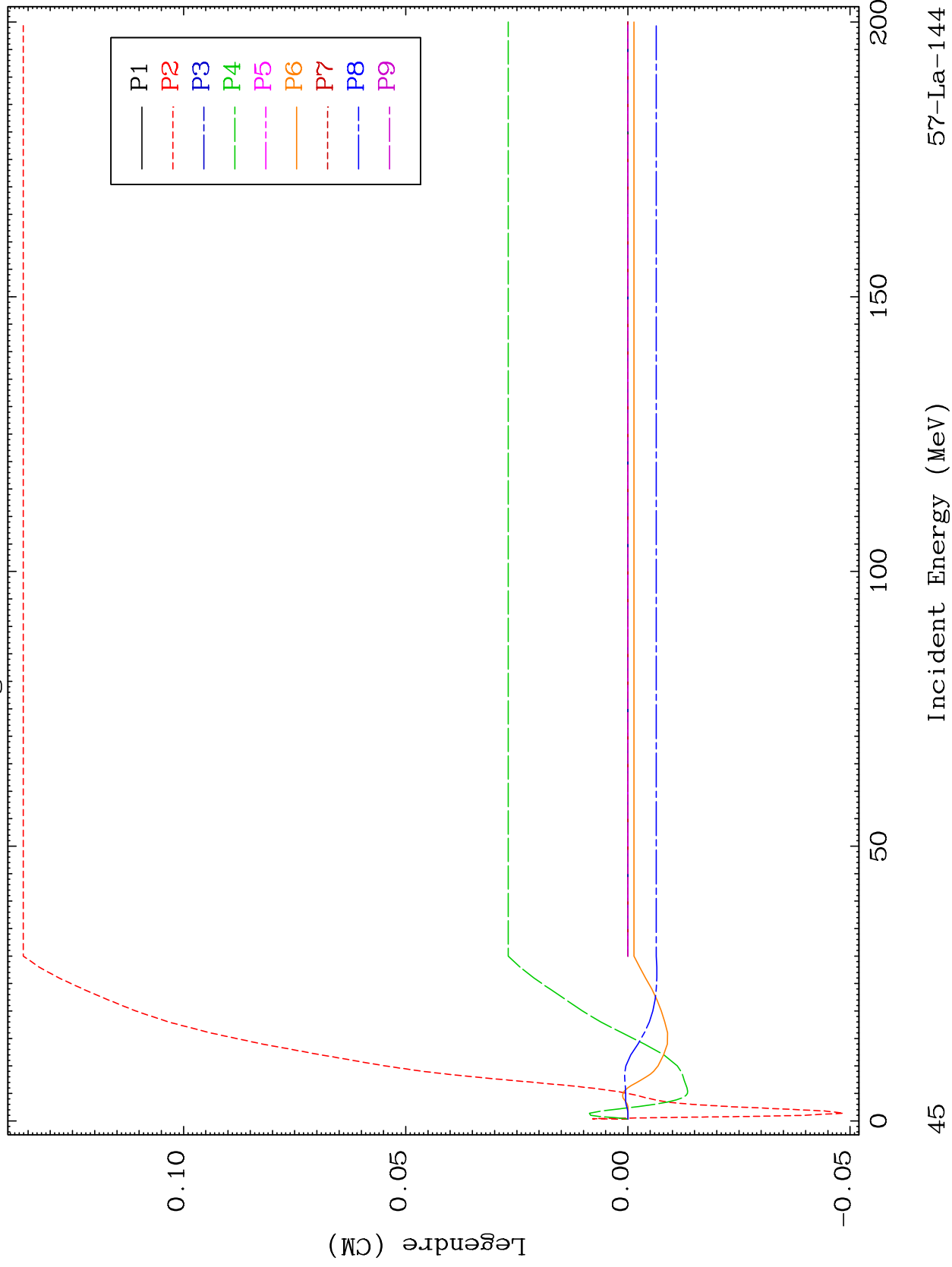




MAT 5743

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

57-La-144



57-La-144

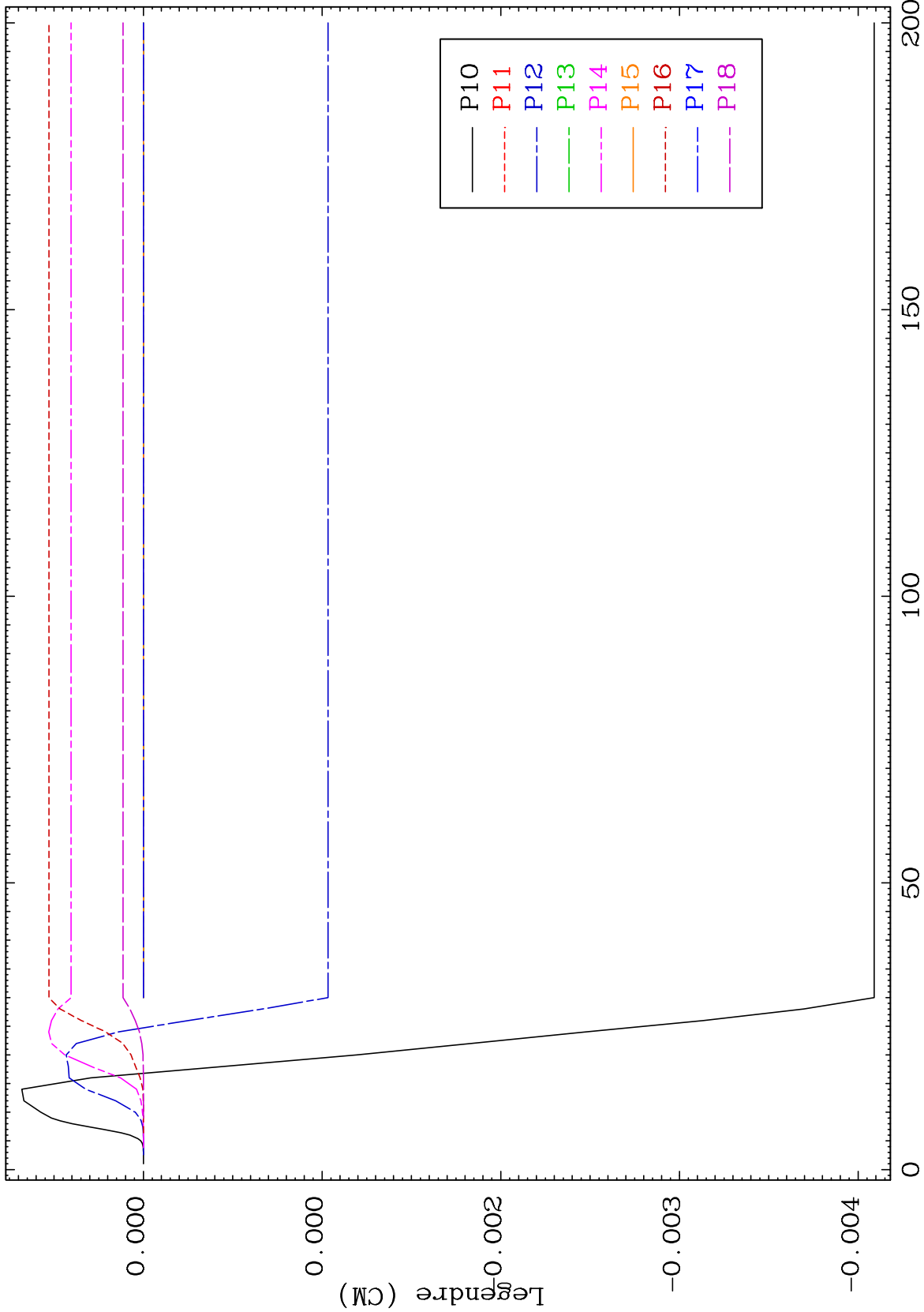
Incident Energy (MeV)

45

MAT 5743

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

57-La-144



46

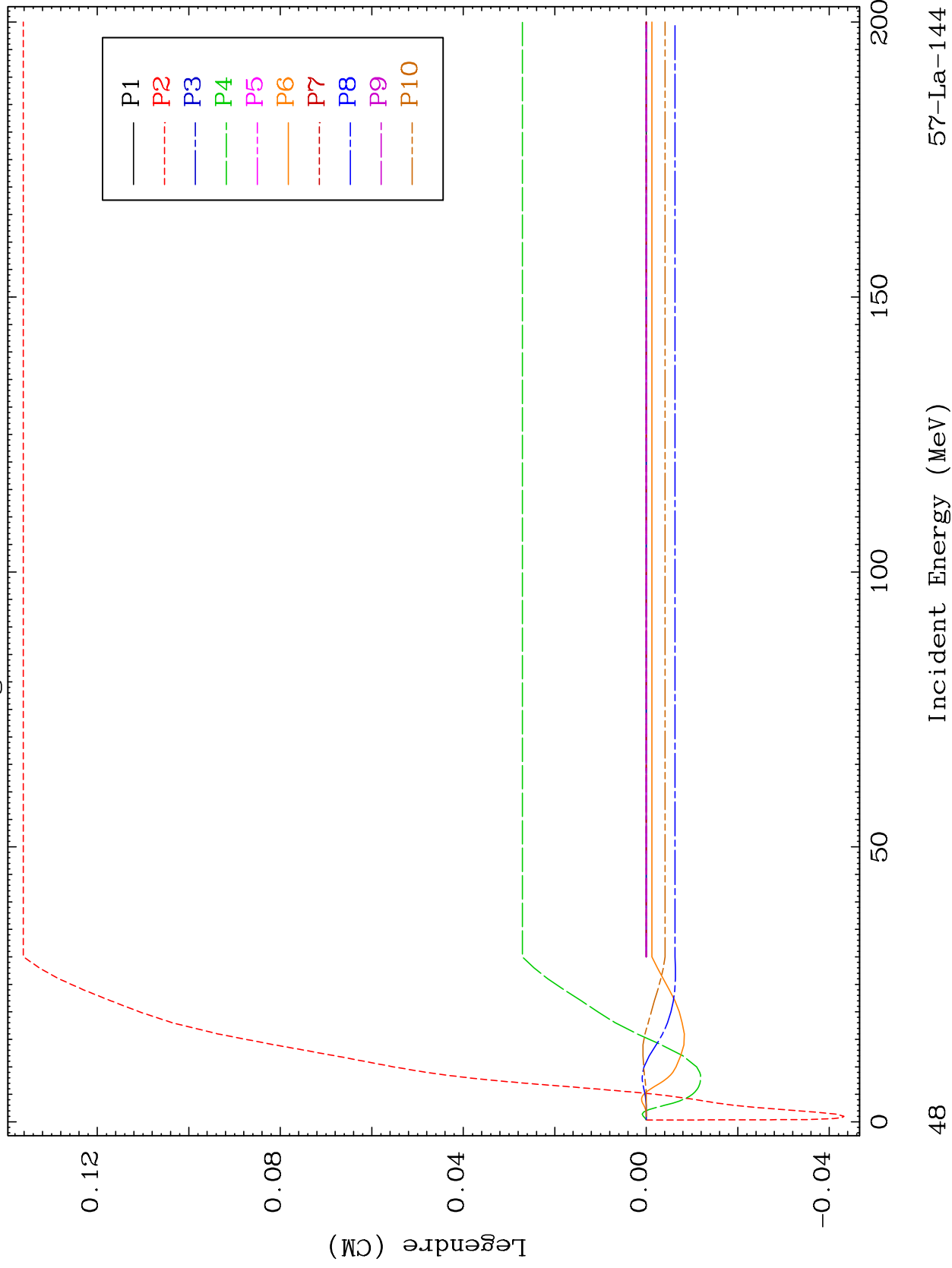
Incident Energy (MeV)

57-La-144

MAT 5743

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

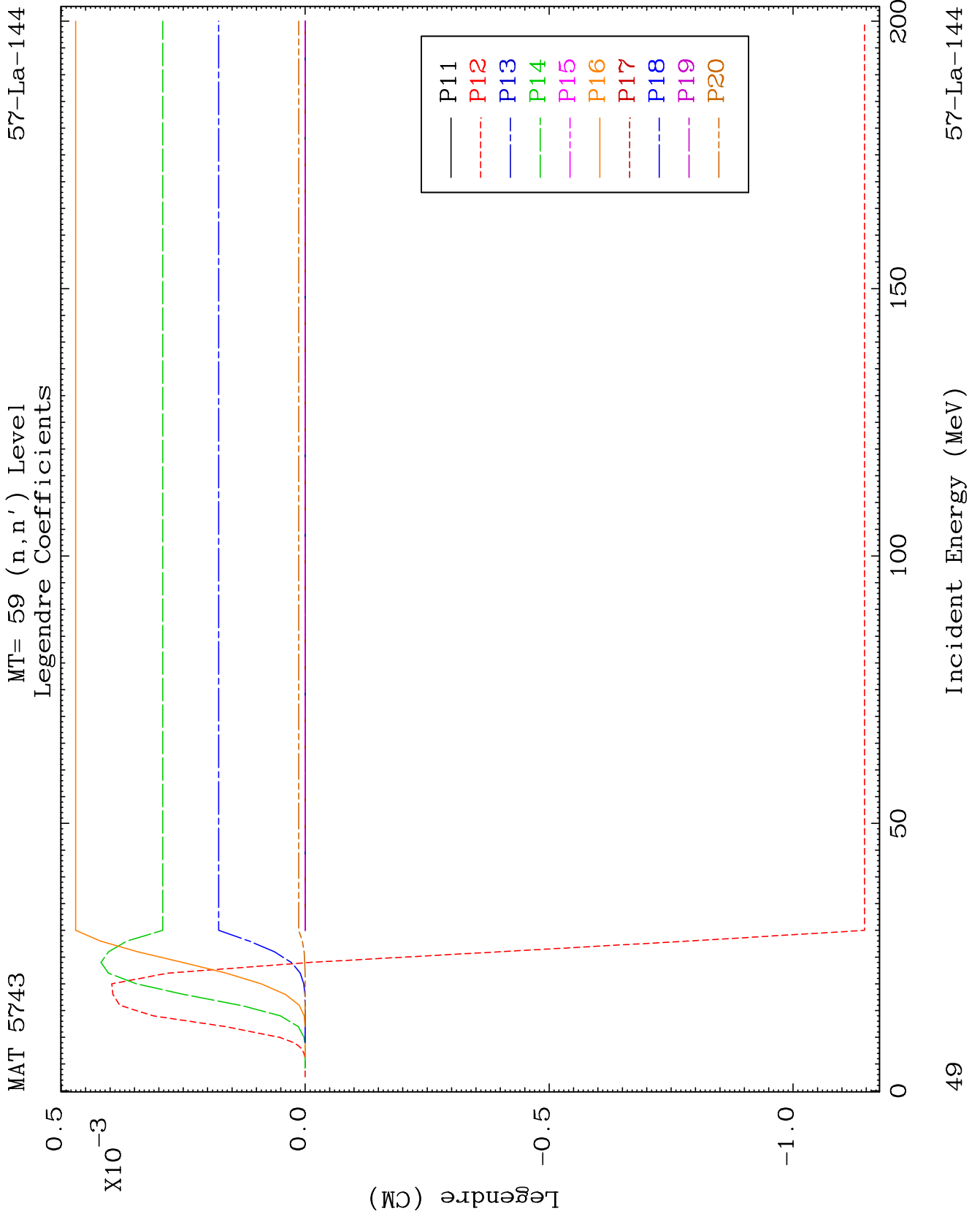
57-La-144



57-La-144

Incident Energy (MeV)

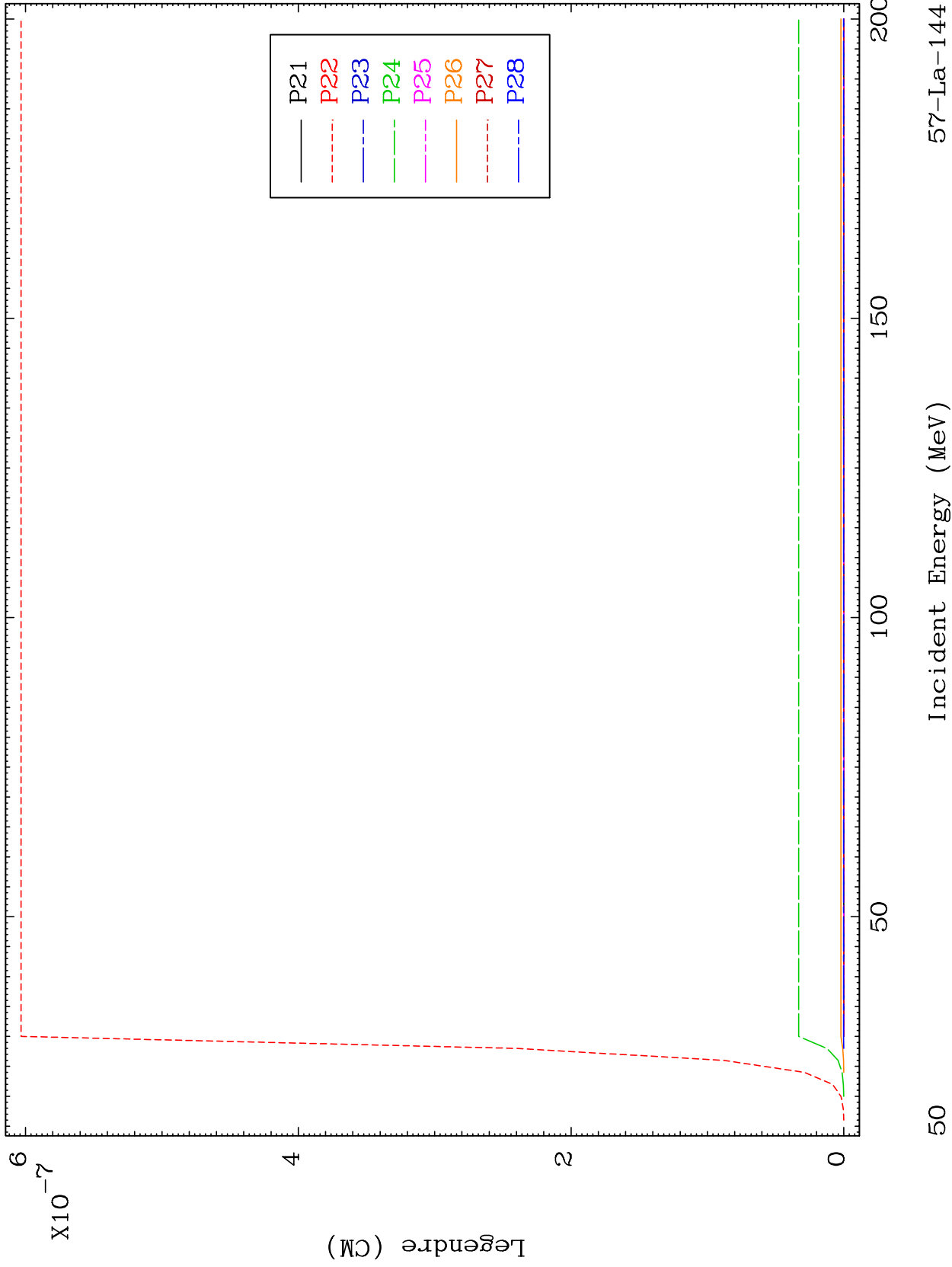
48



MAT 5743

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

57-La-144



57-La-144

Incident Energy (MeV)

50

50

100

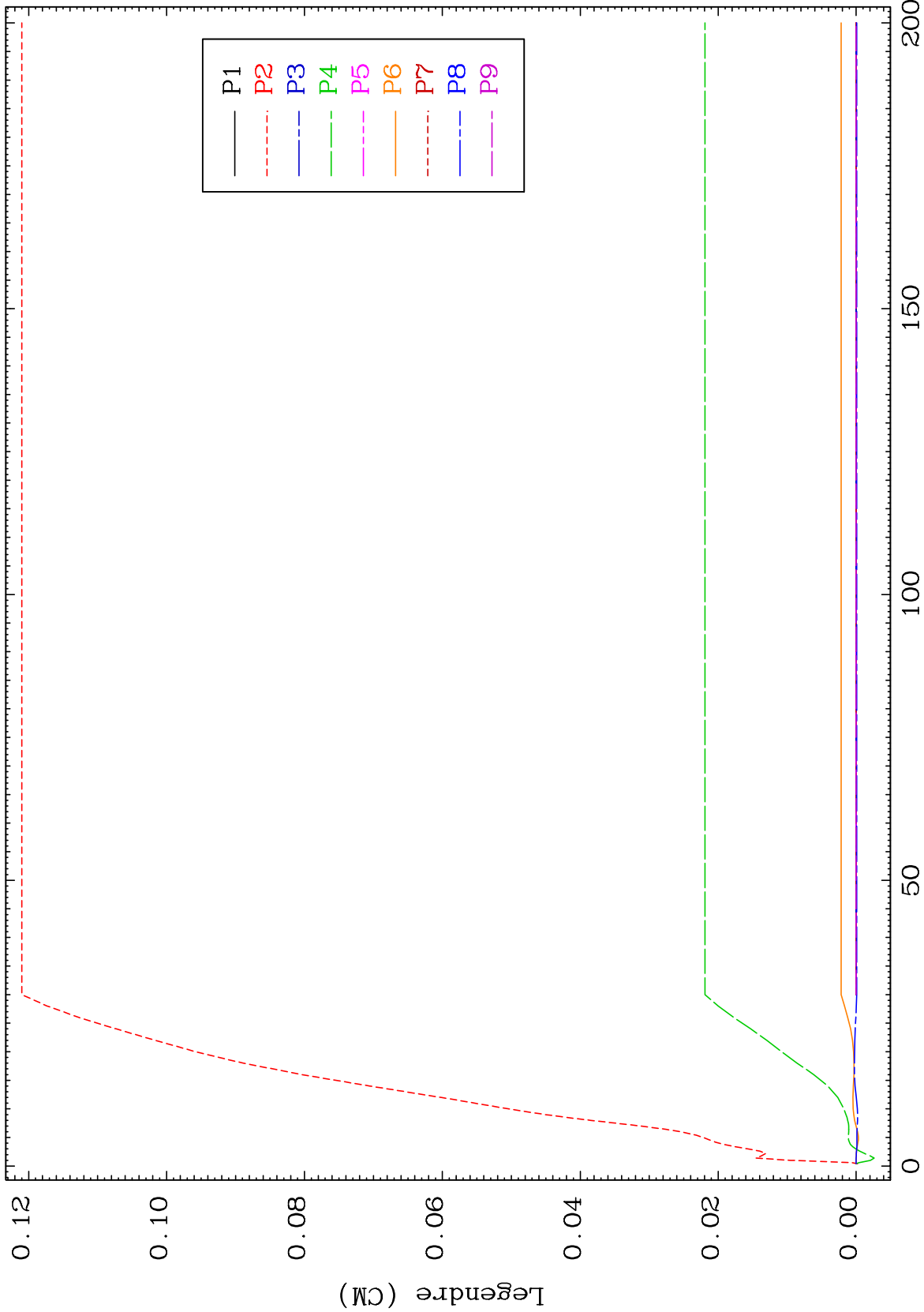
150

200

MAT 5743

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

57-La-144



51

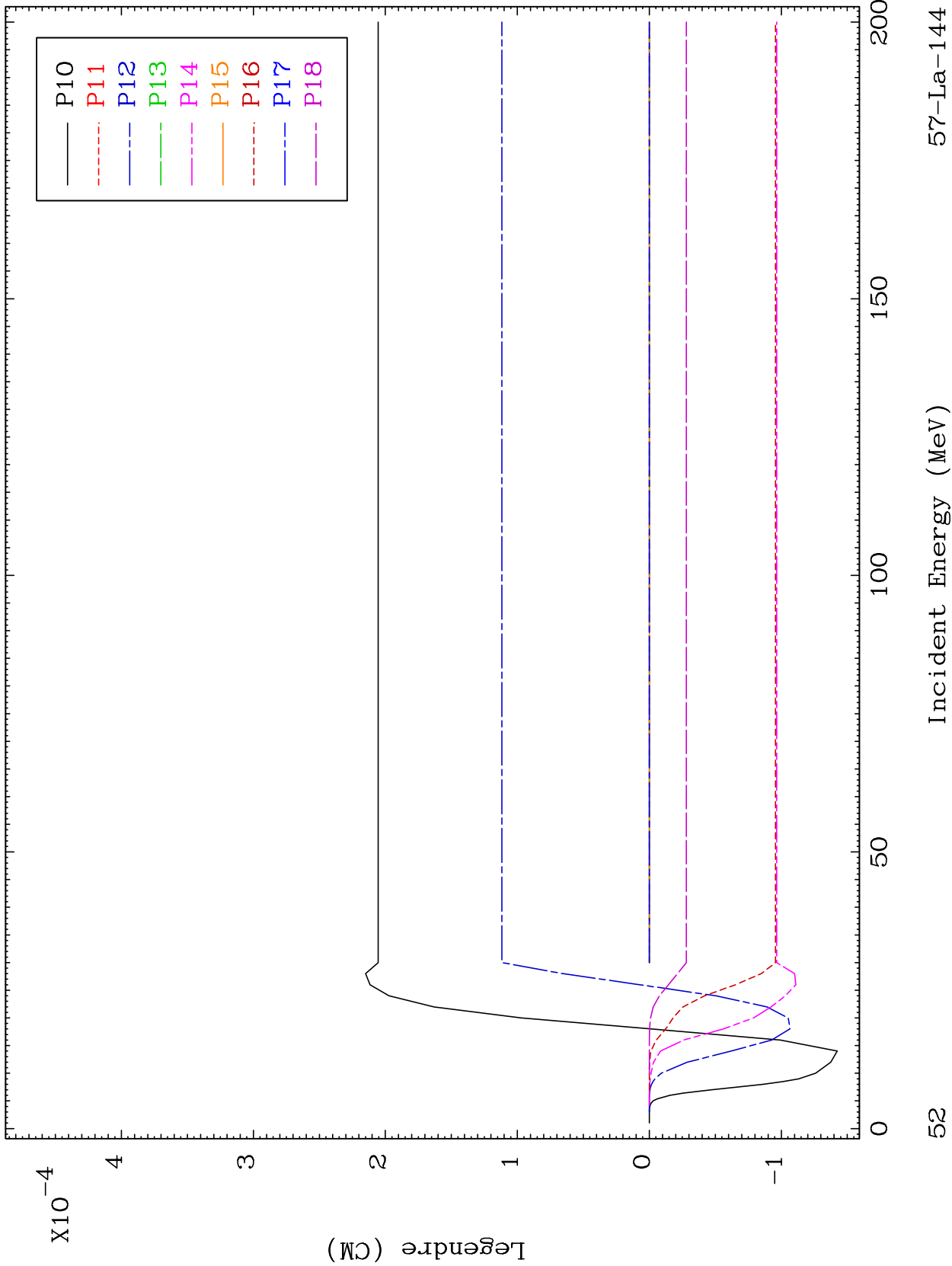
Incident Energy (MeV)

57-La-144

MAT 5743

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

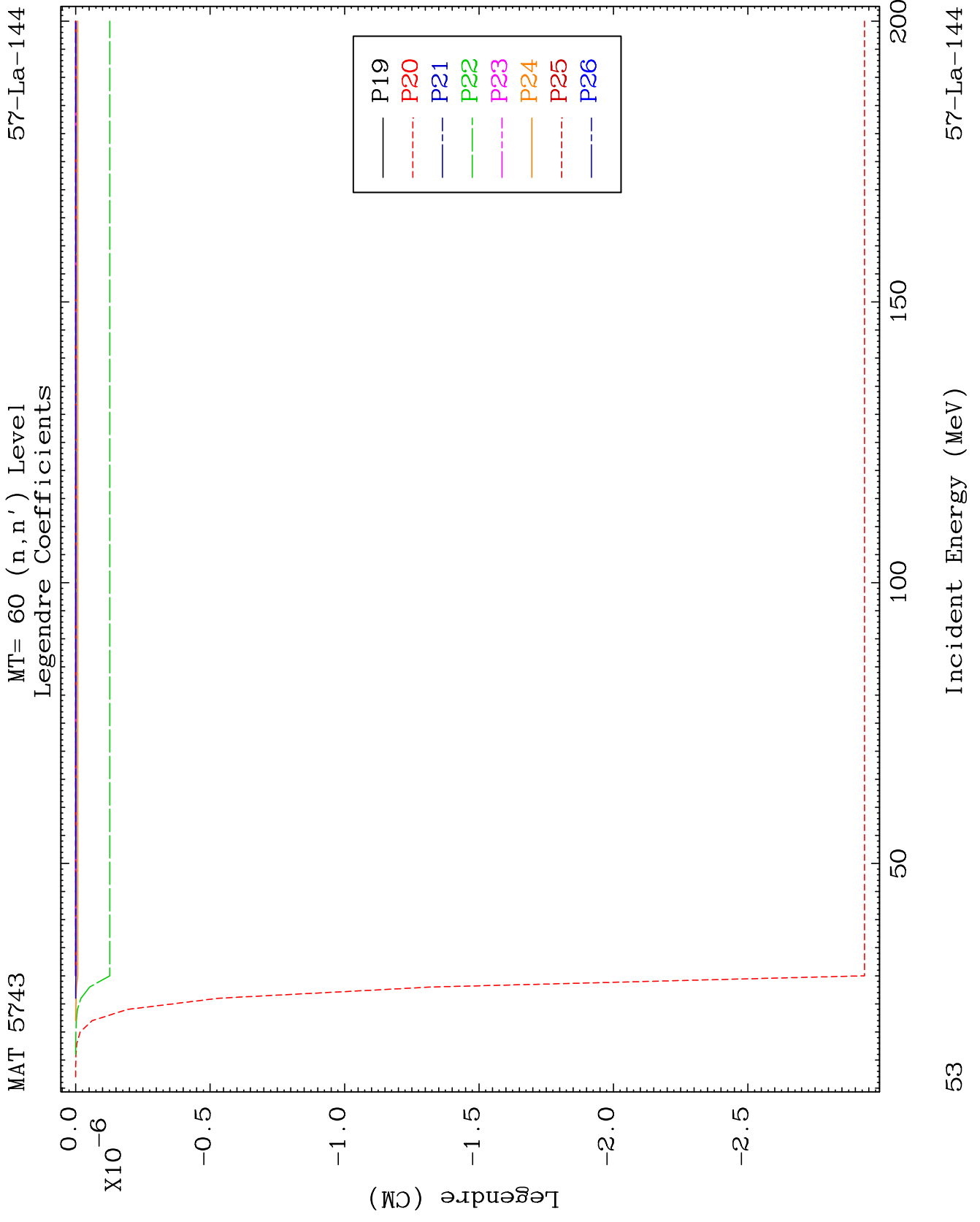
57-La-144



52

Incident Energy (MeV)

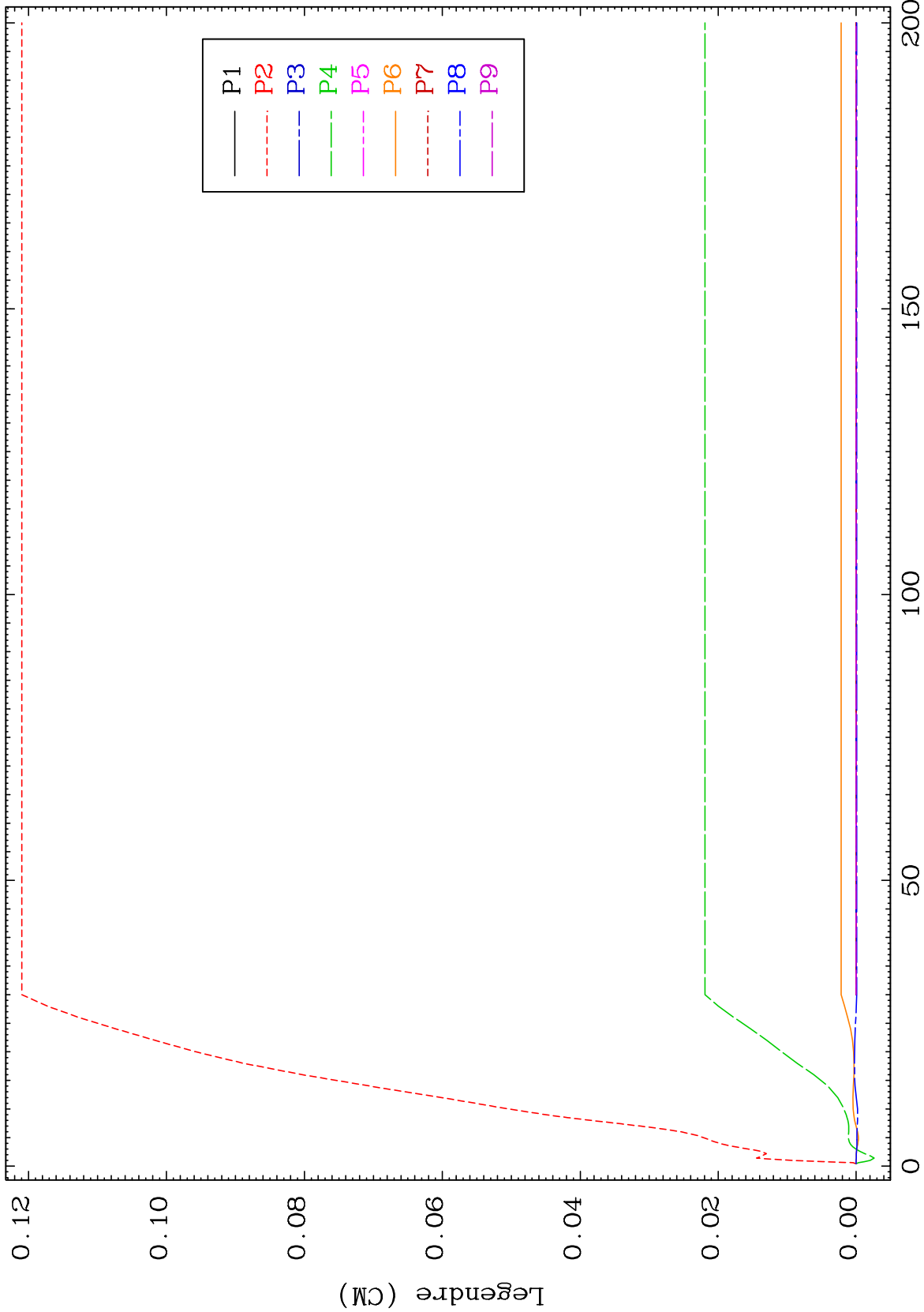
57-La-144



MAT 5743

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

57-La-144



54

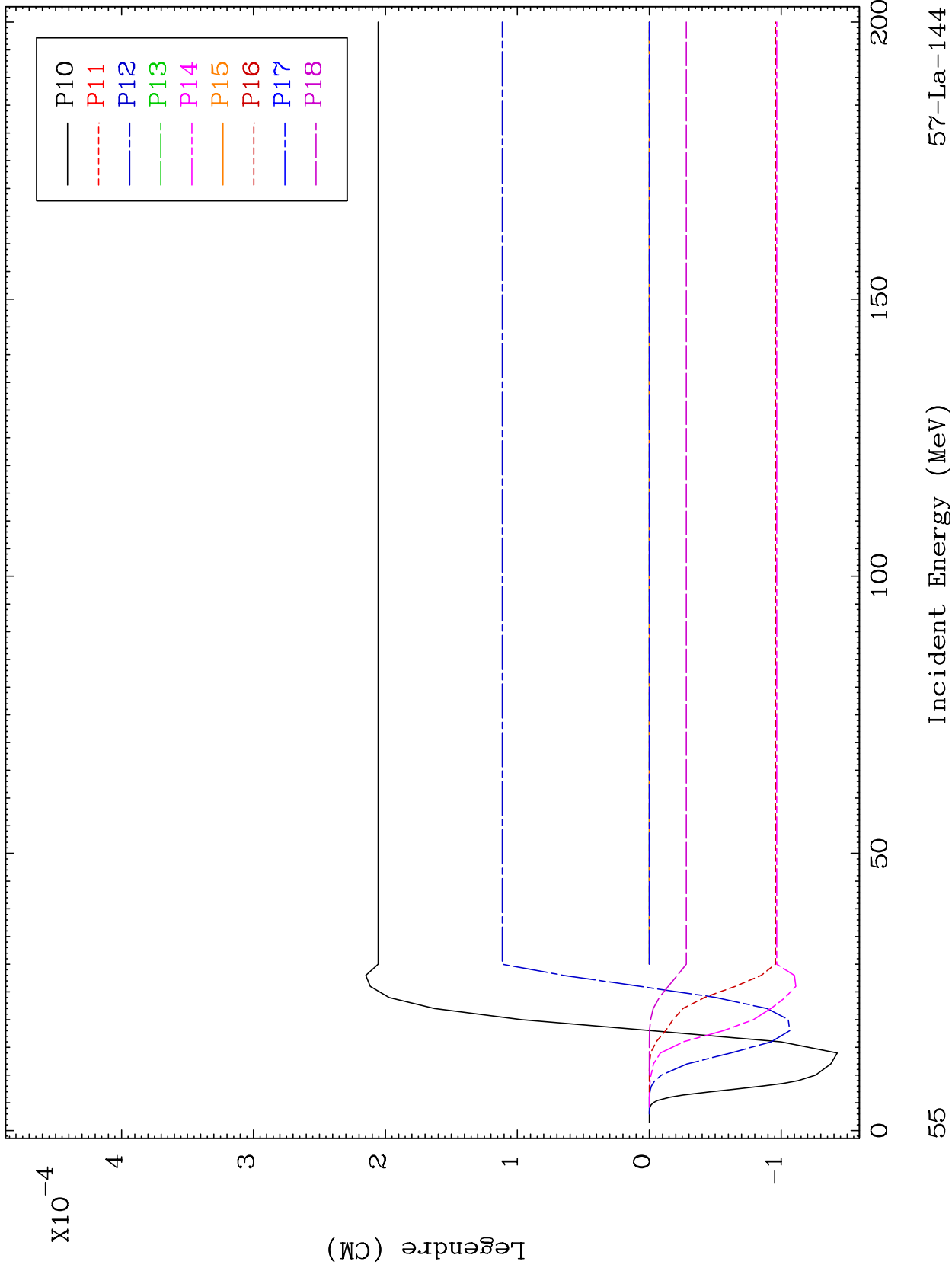
Incident Energy (MeV)

57-La-144

MAT 5743

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

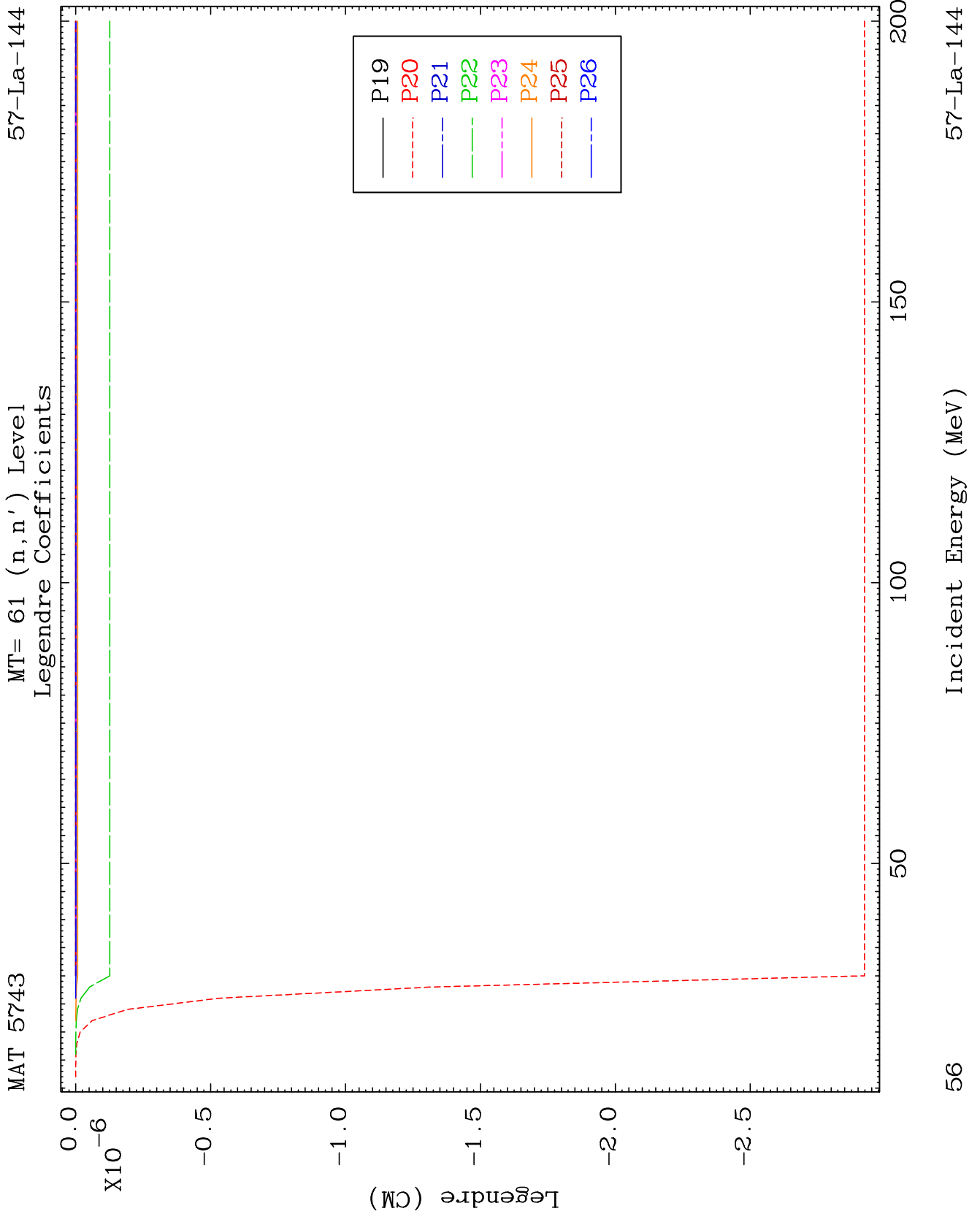
57-La-144



57-La-144

Incident Energy (MeV)

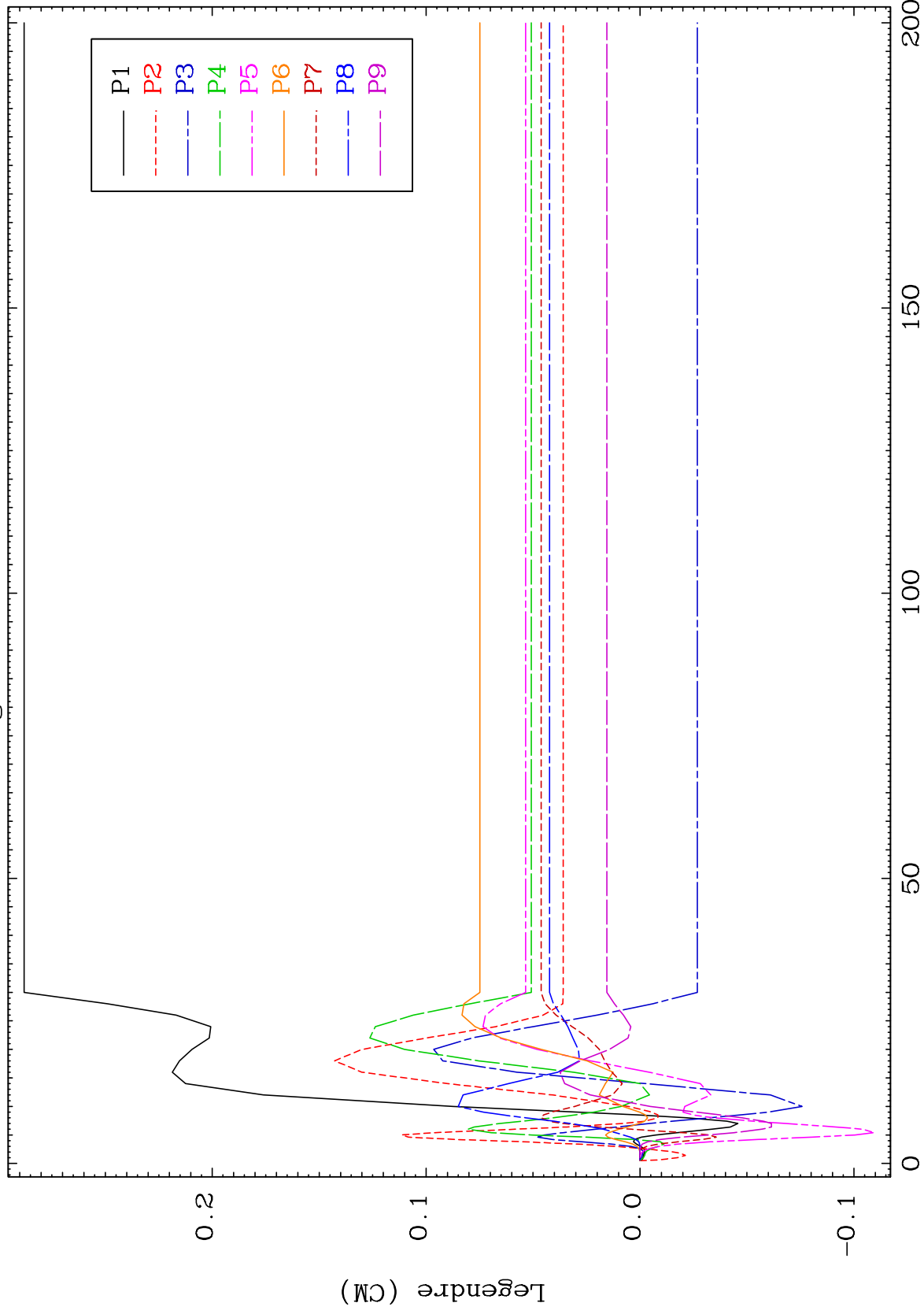
55



MAT 5743

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

57-La-144



57

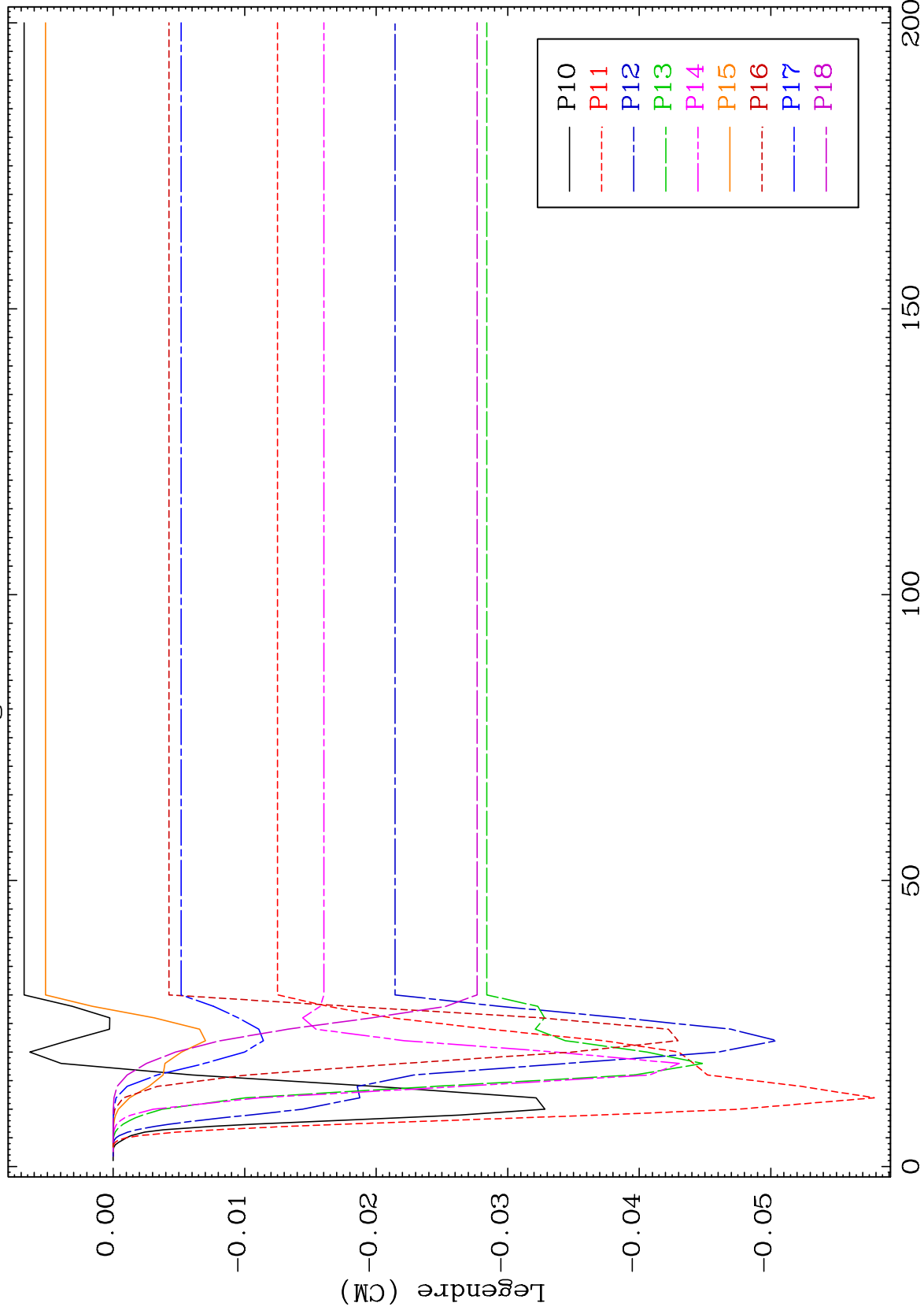
Incident Energy (MeV)

57-La-144

MAT 5743

57-La-144

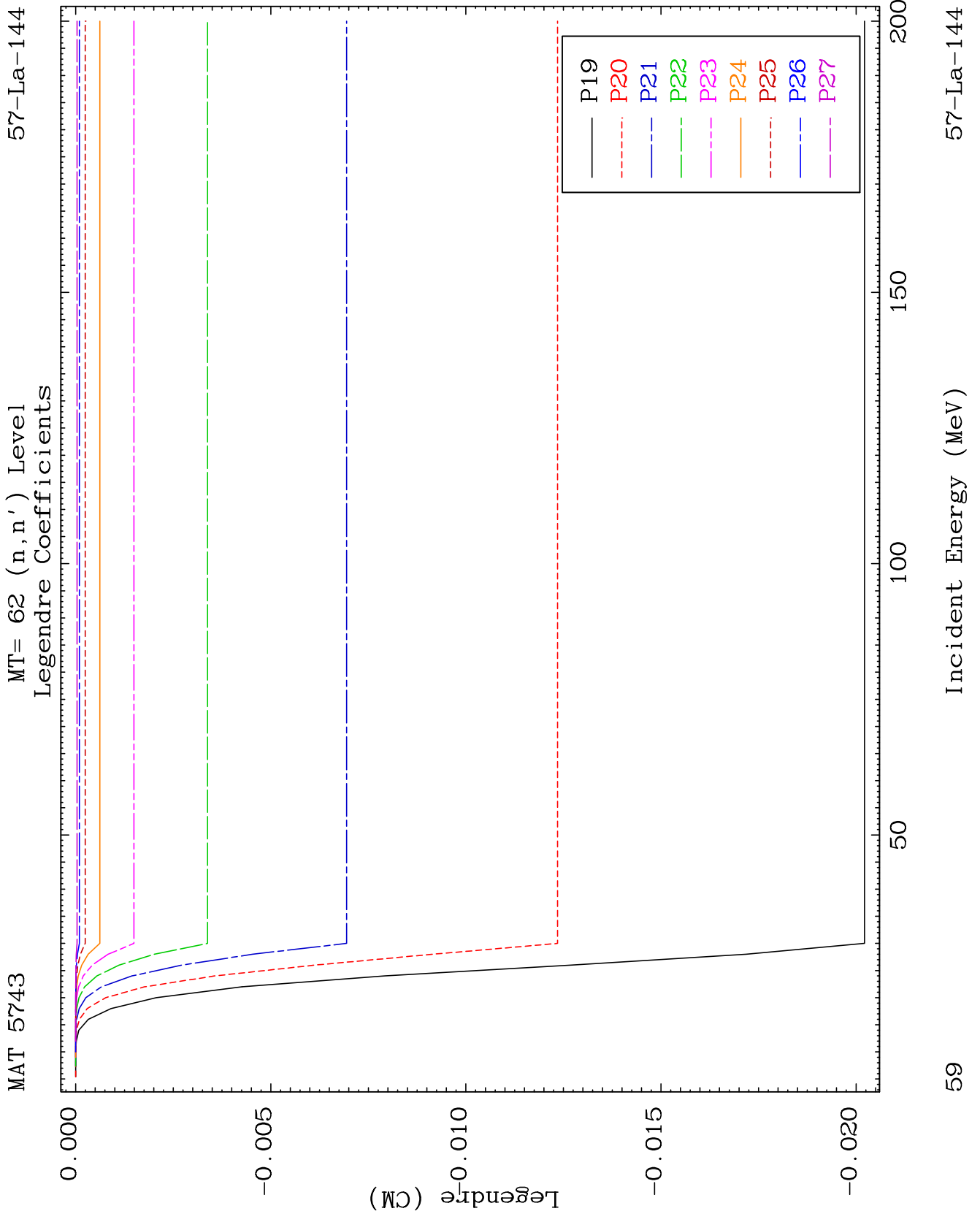
MT= 62 (n,n') Level
Legendre Coefficients

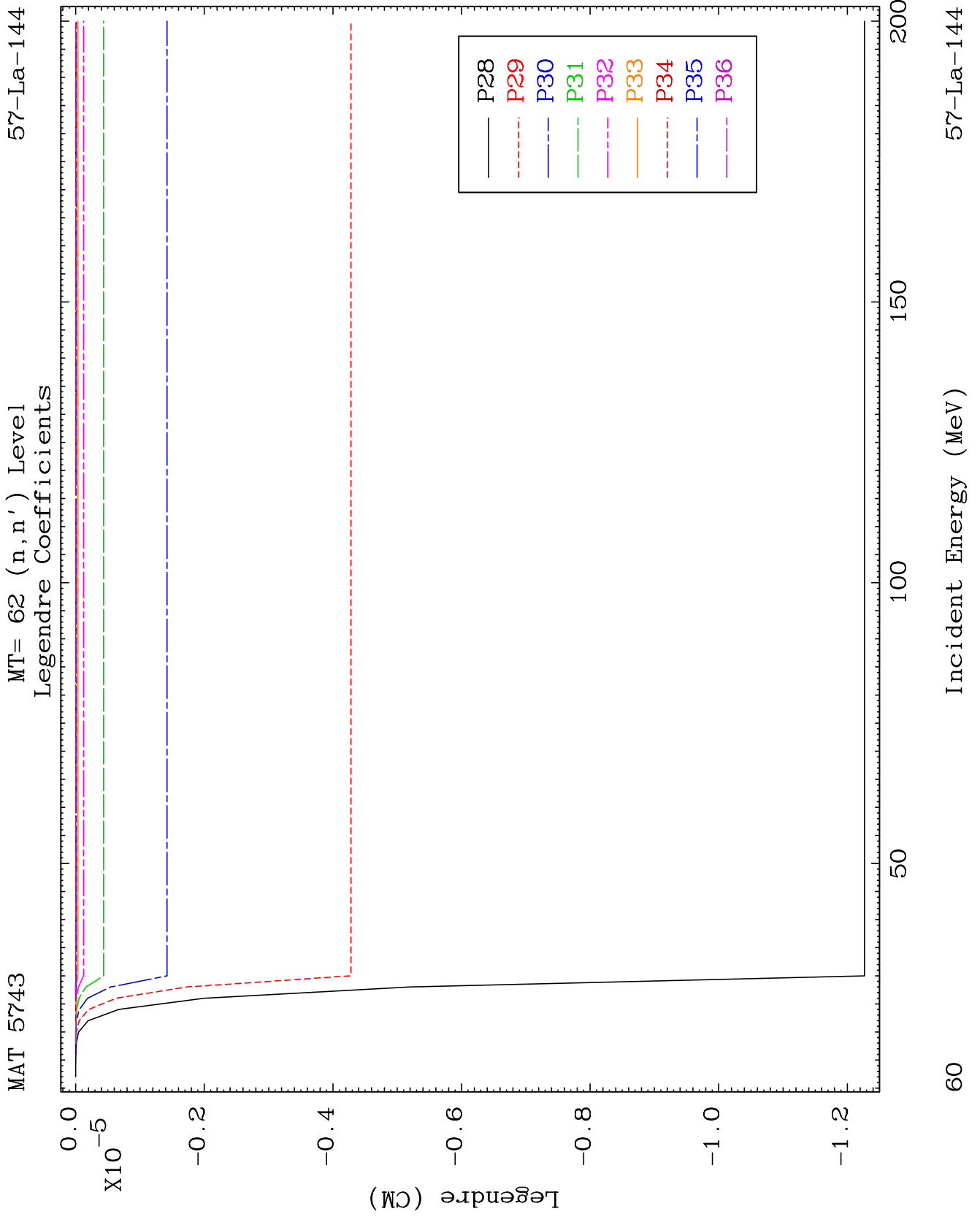


58

Incident Energy (MeV)

57-La-144

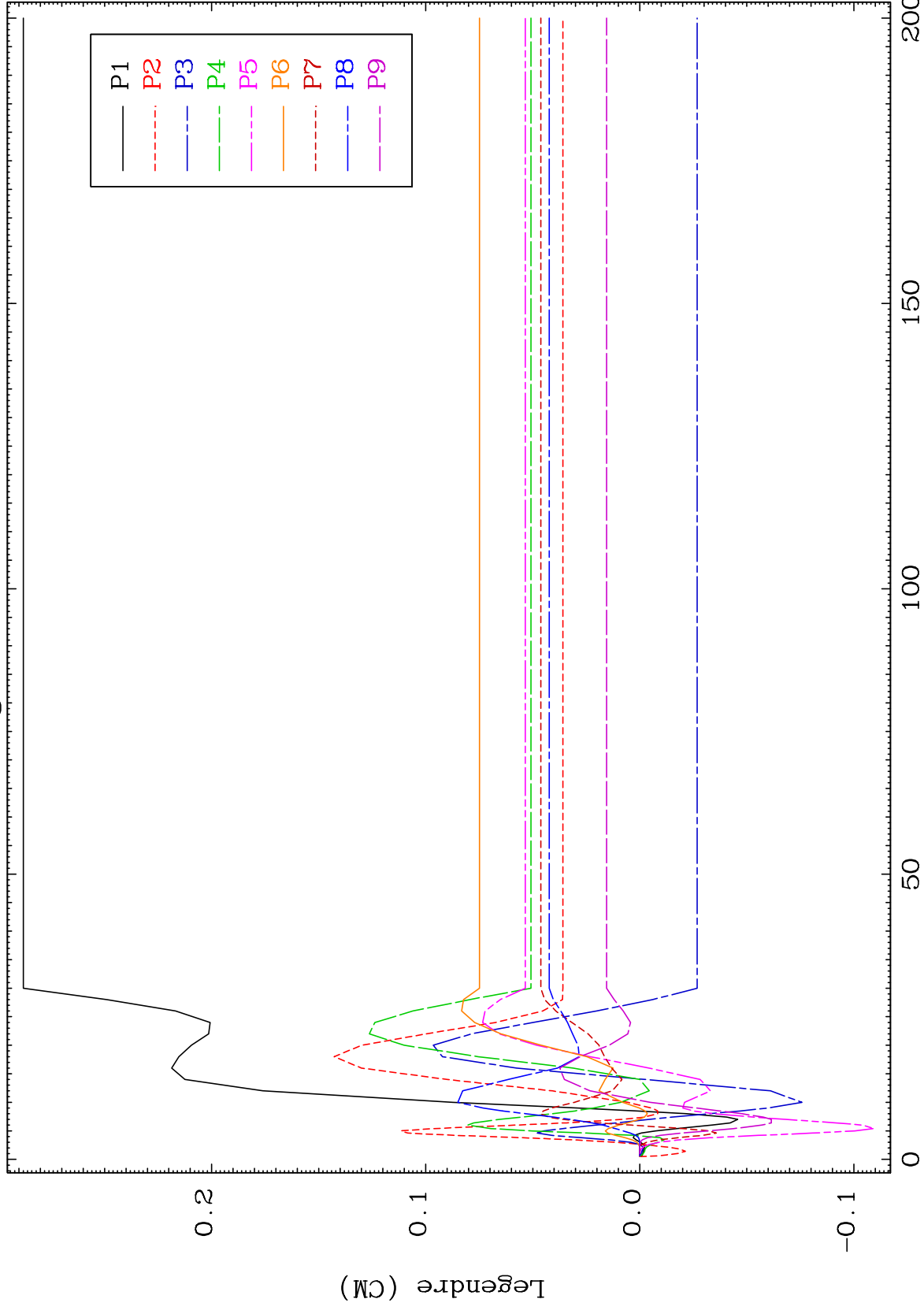




MAT 5743

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

57-La-144



61

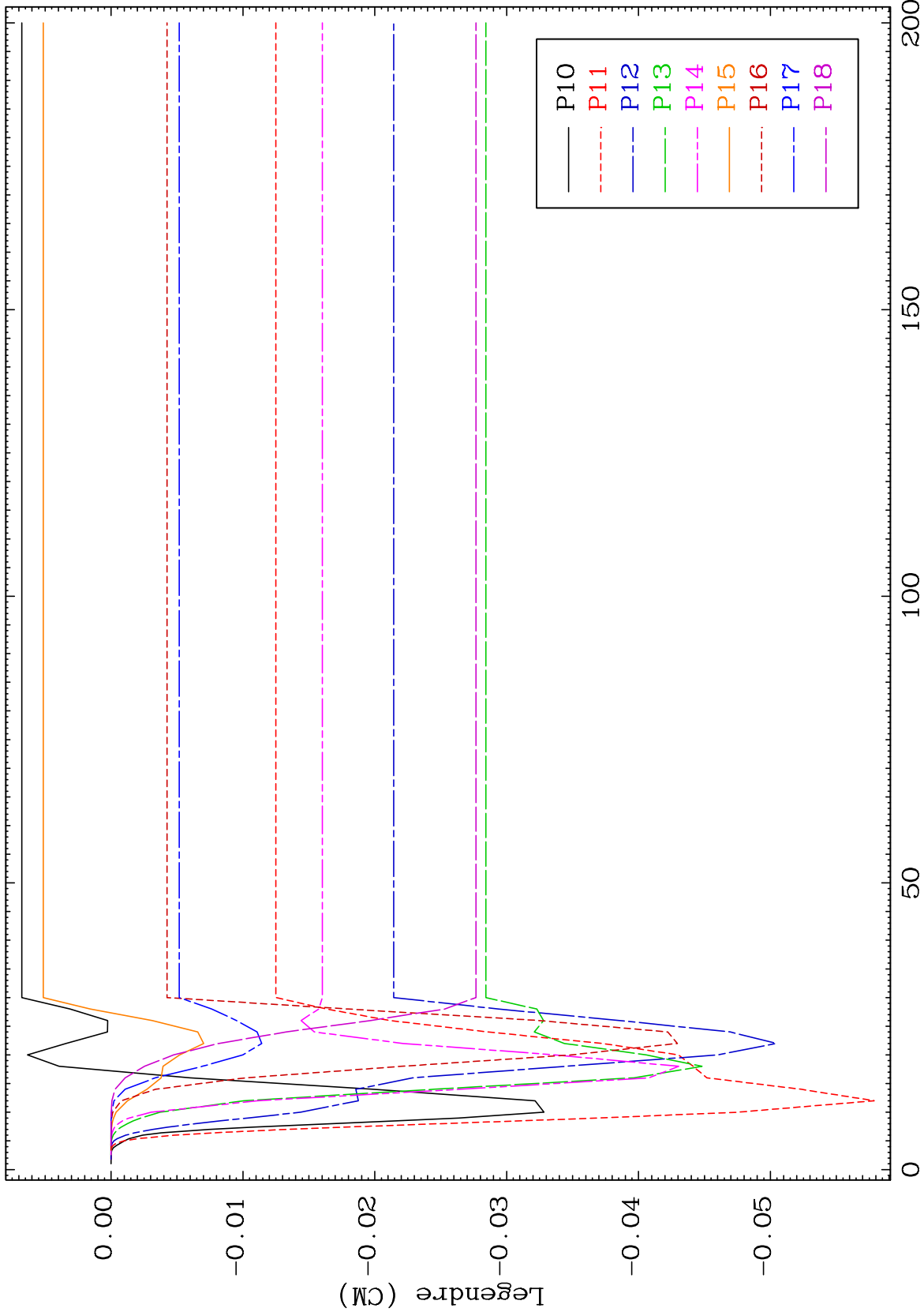
Incident Energy (MeV)

57-La-144

MAT 5743

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

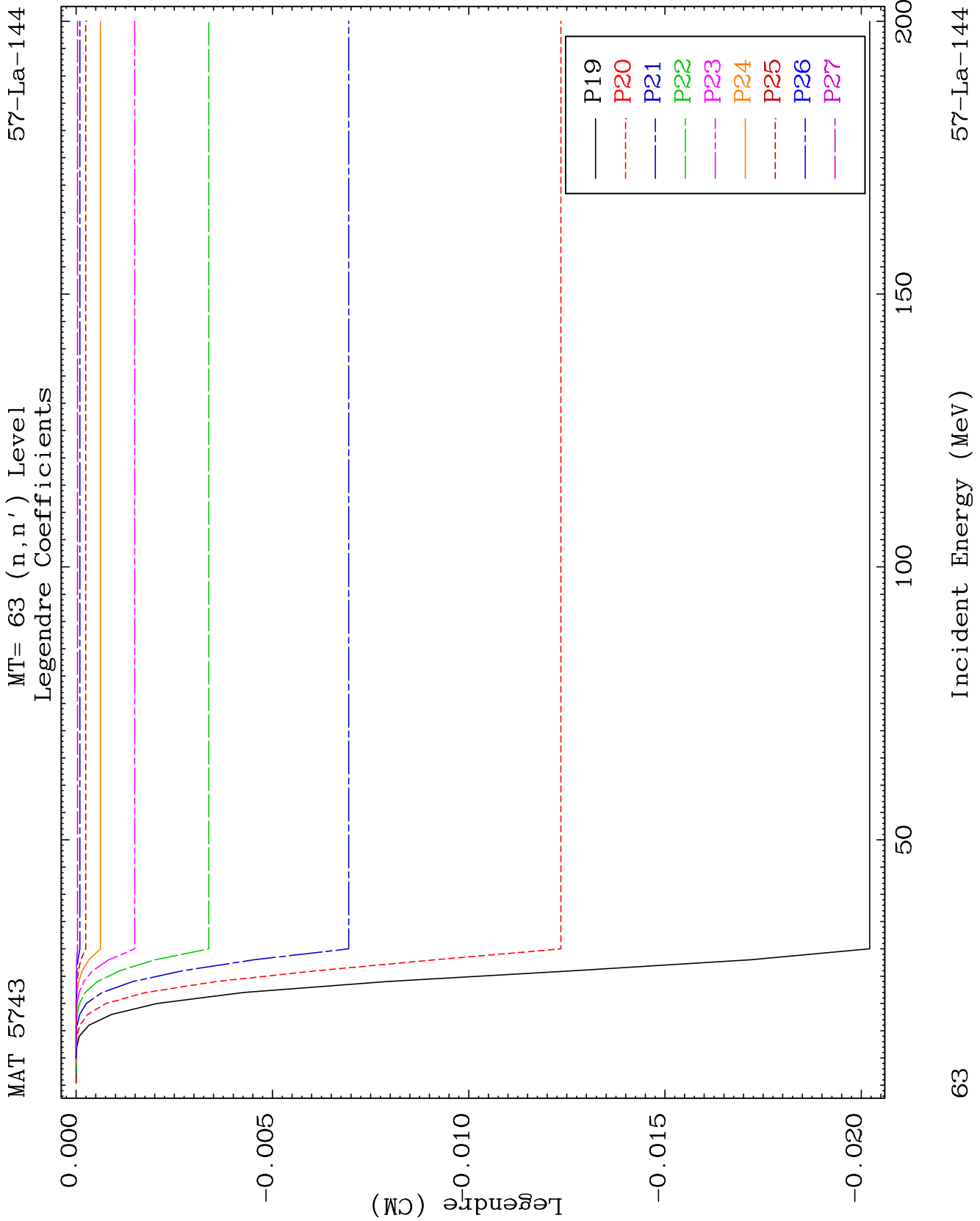
57-La-144

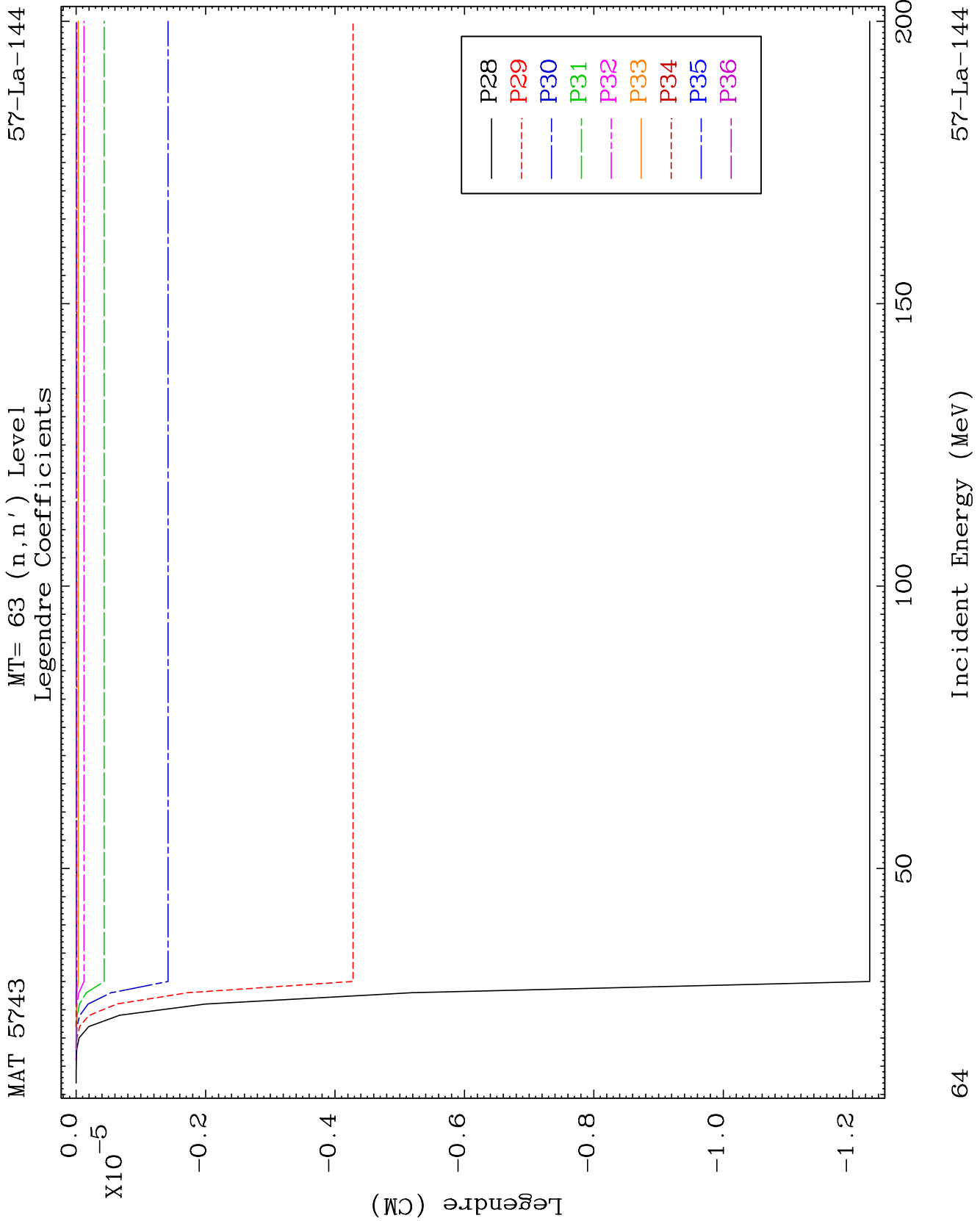


62

Incident Energy (MeV)

57-La-144

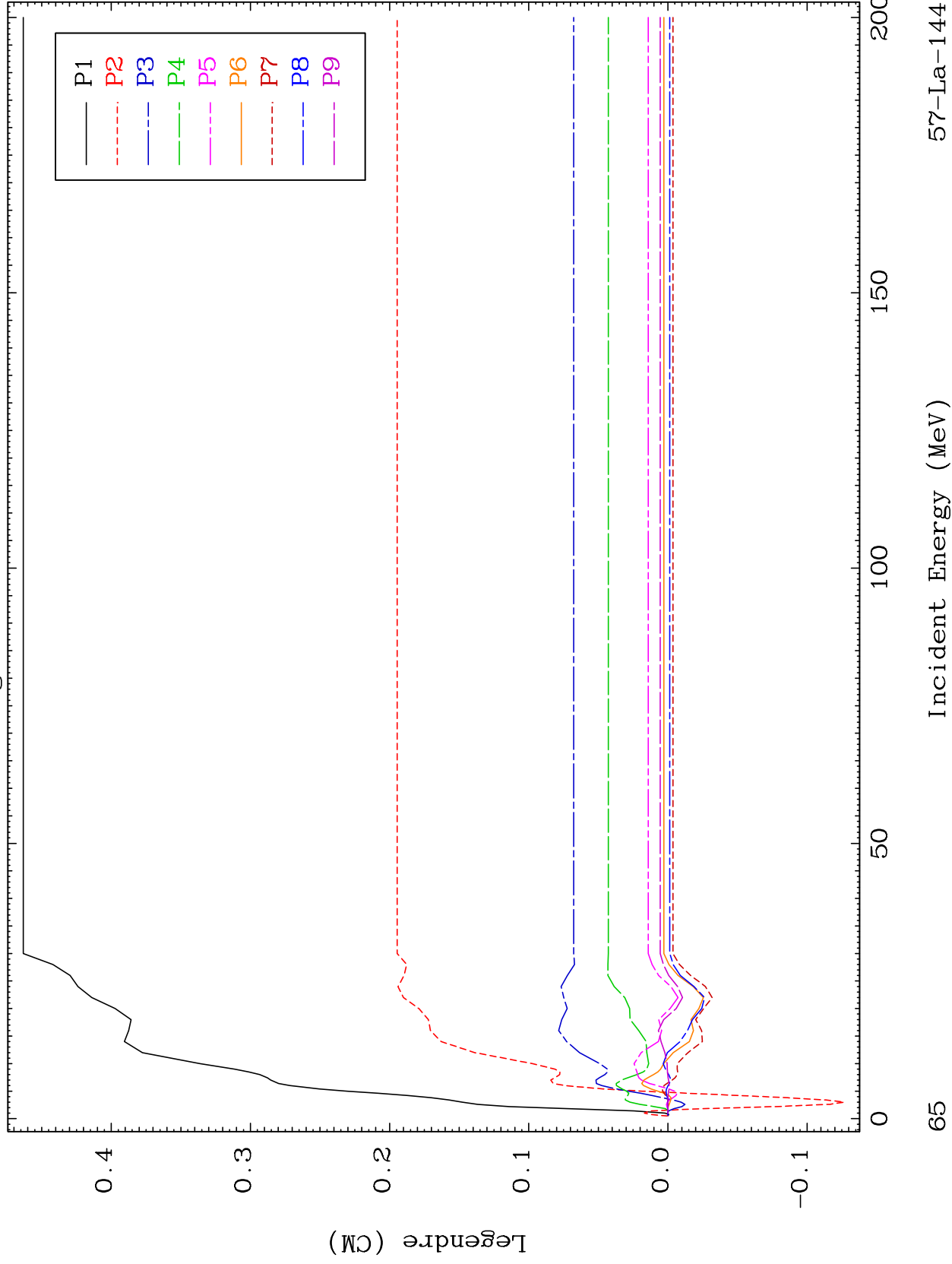




MAT 5743

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

57-La-144



57-La-144

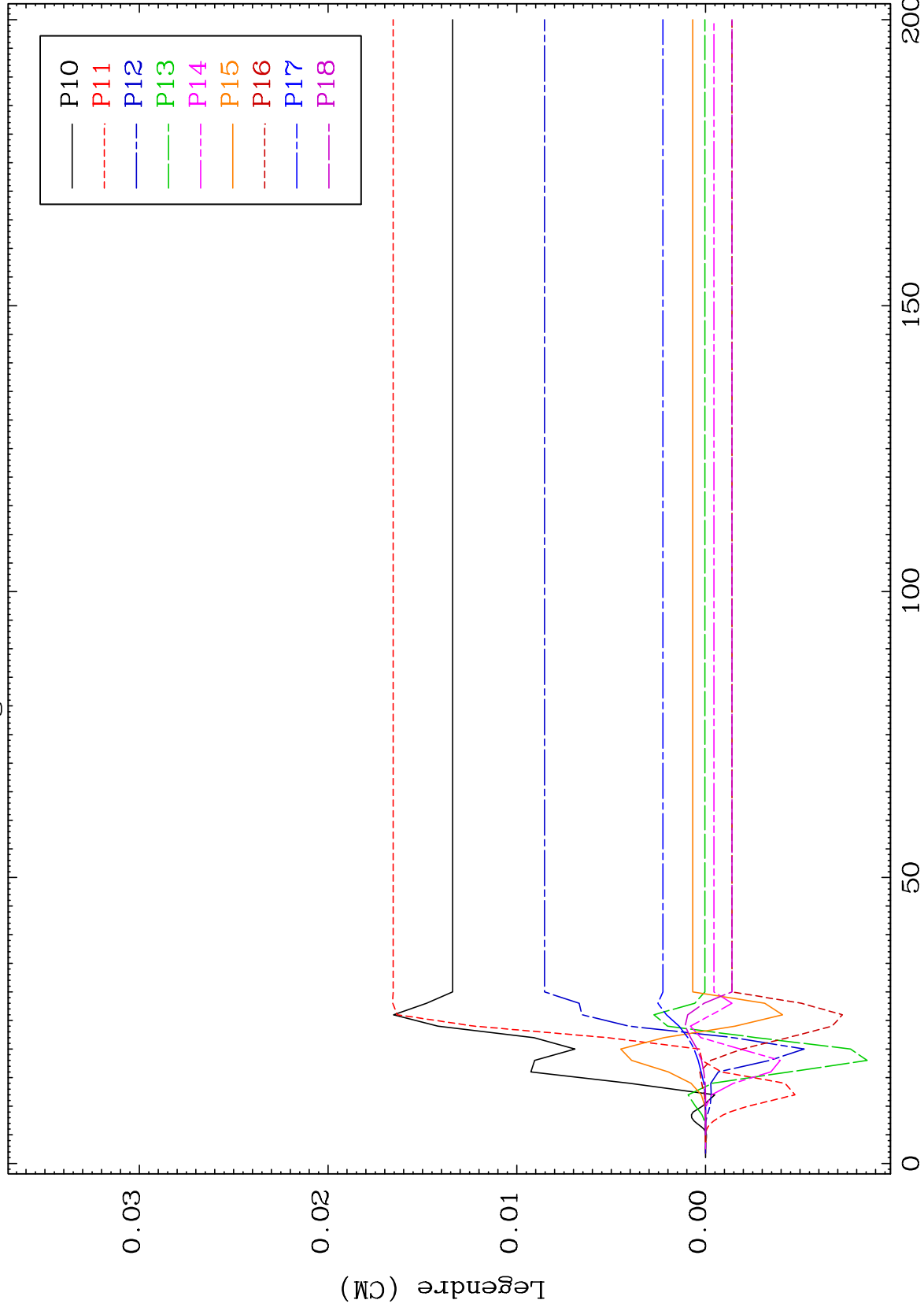
Incident Energy (MeV)

65

MAT 5743

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

57-La-144



66

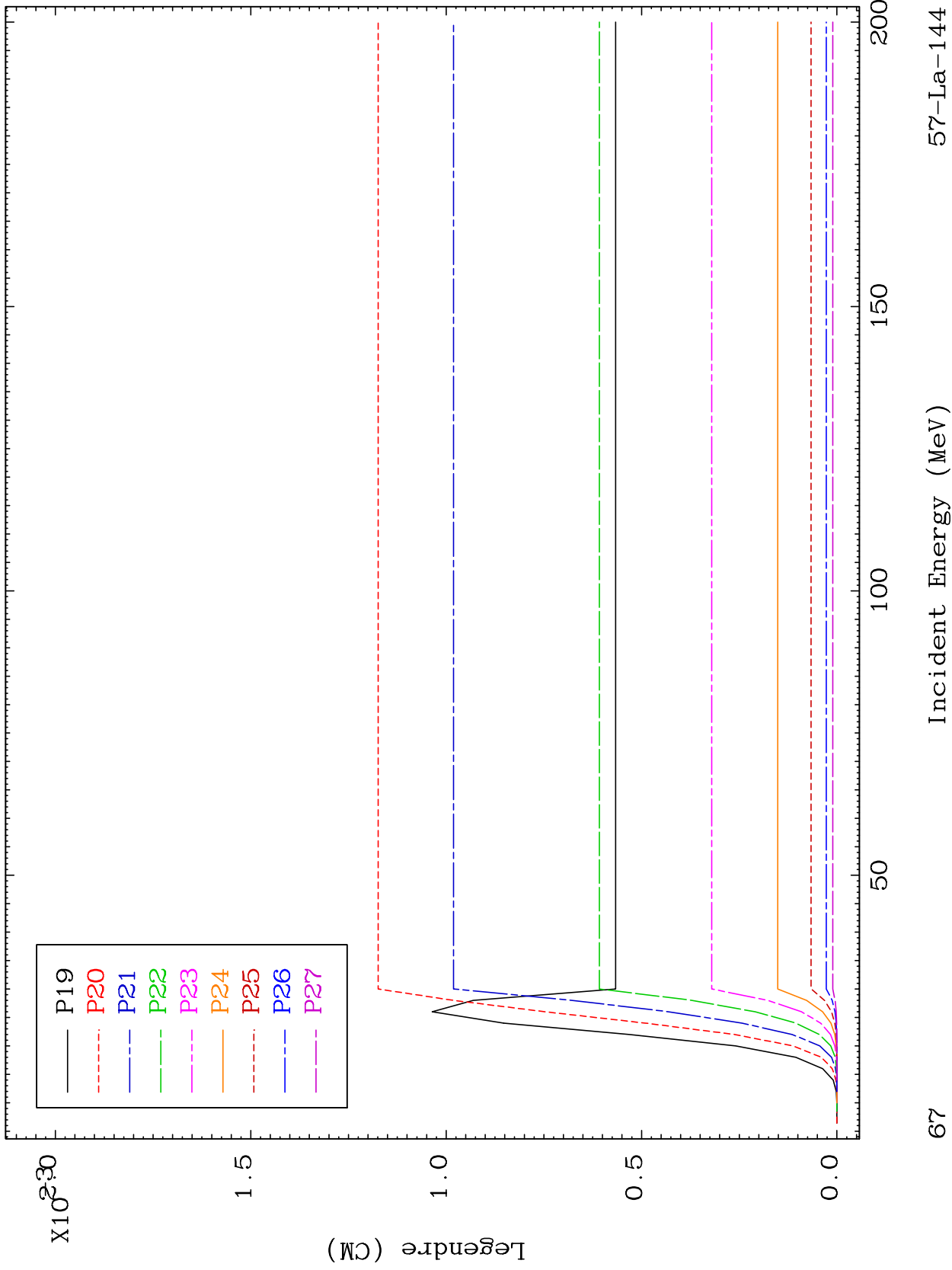
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



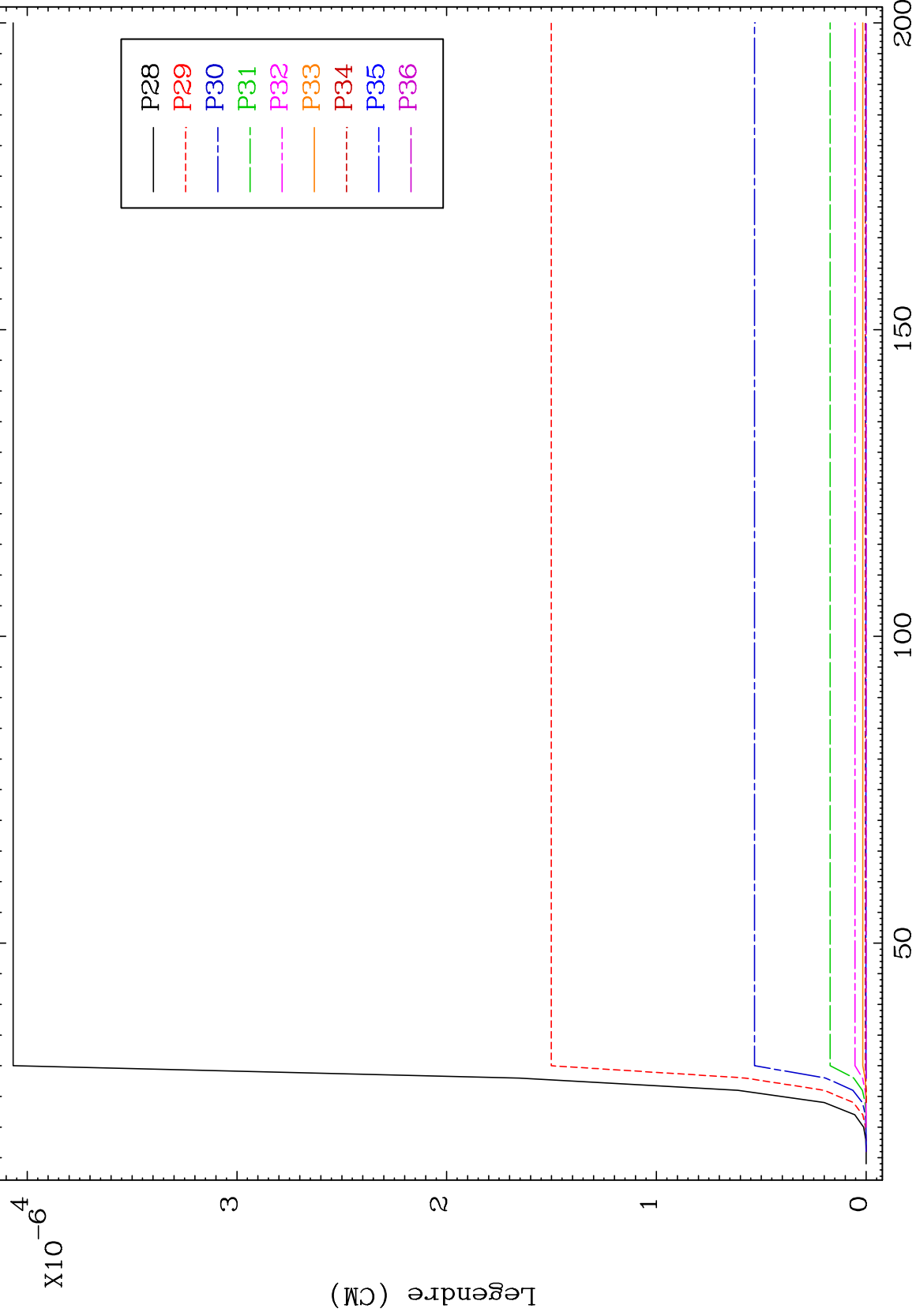
67

57-La-144

MAT 5743

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

57-La-144



68

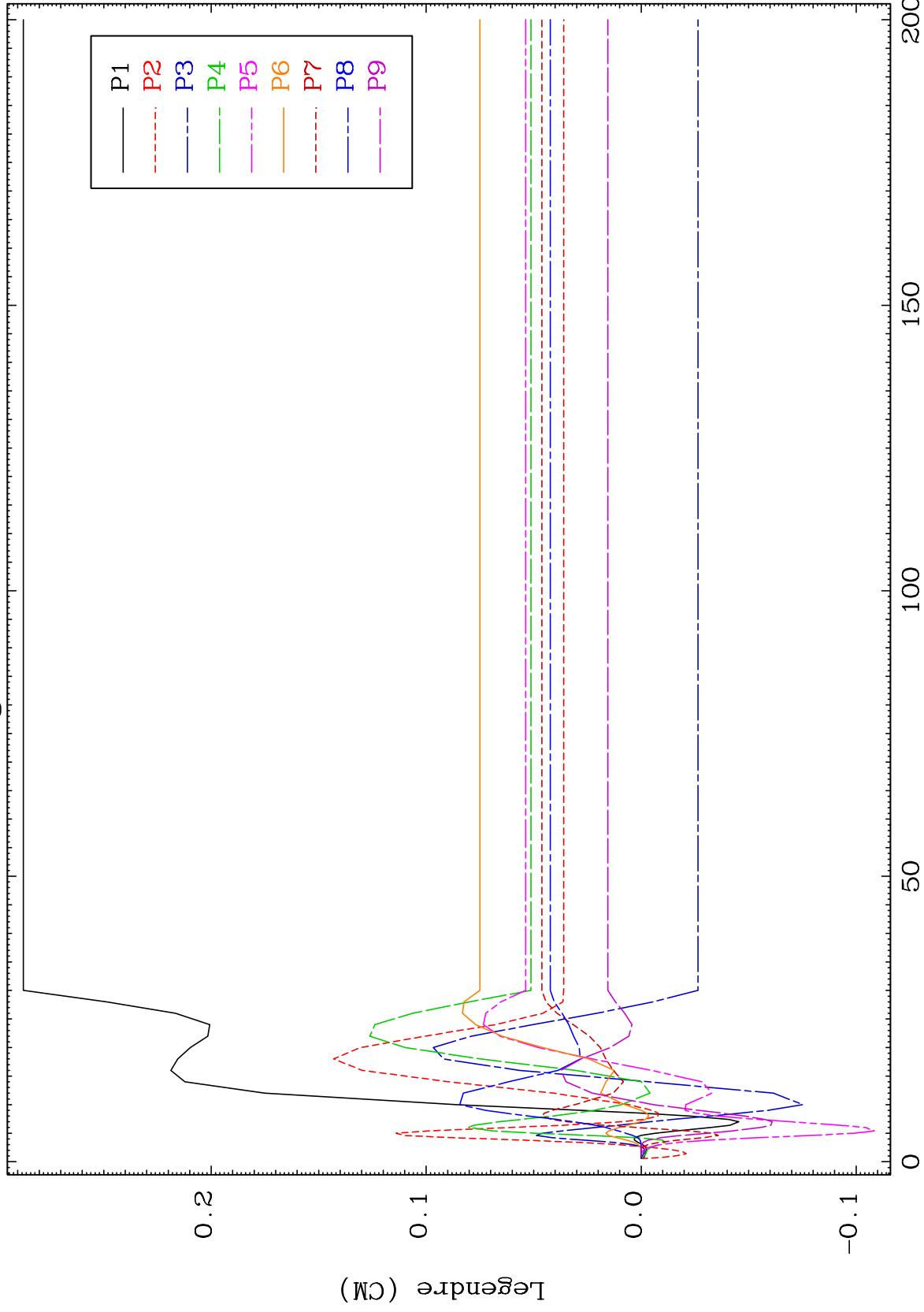
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



57-La-144

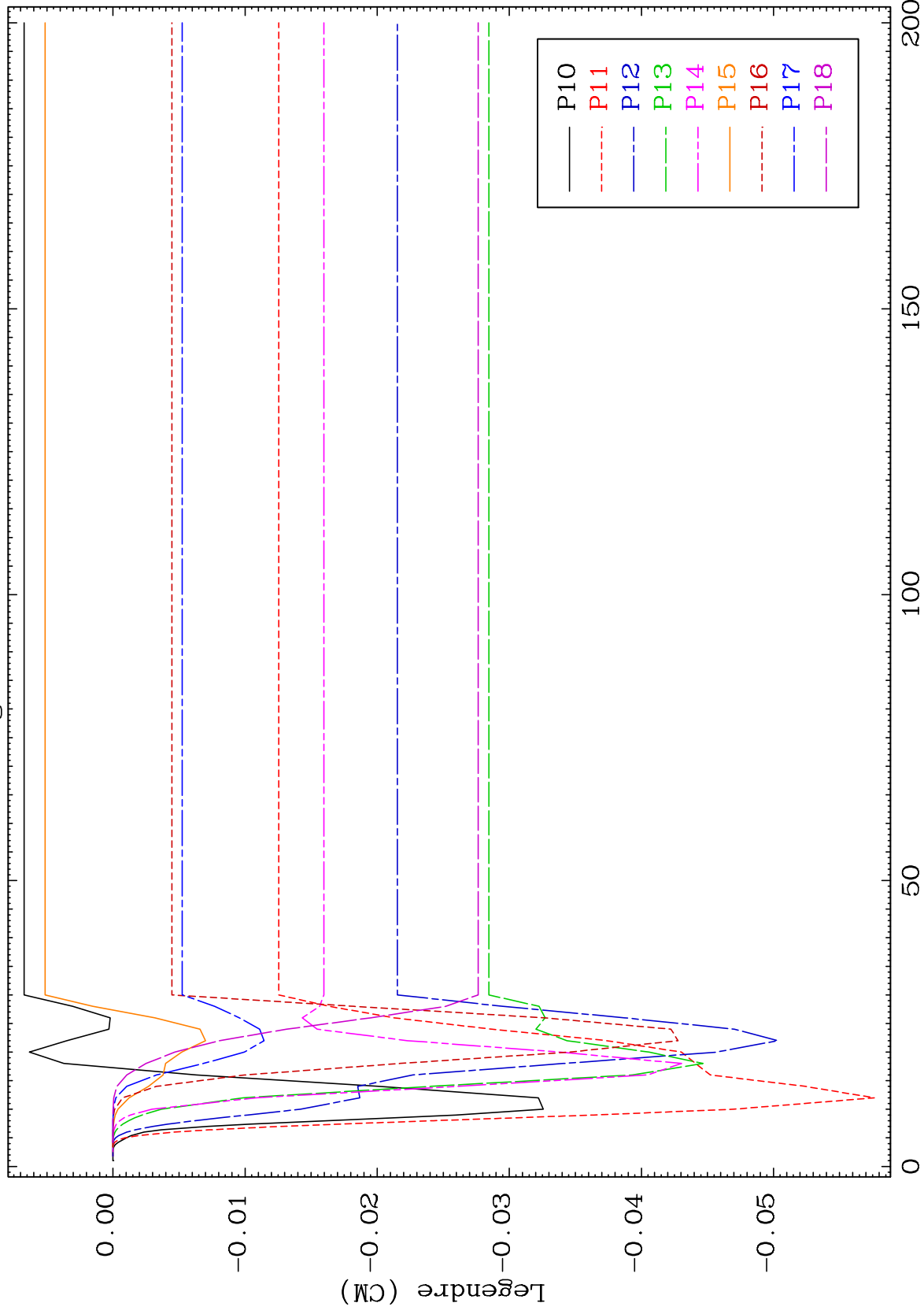
Incident Energy (MeV)

69

MAT 5743

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

57-La-144



70

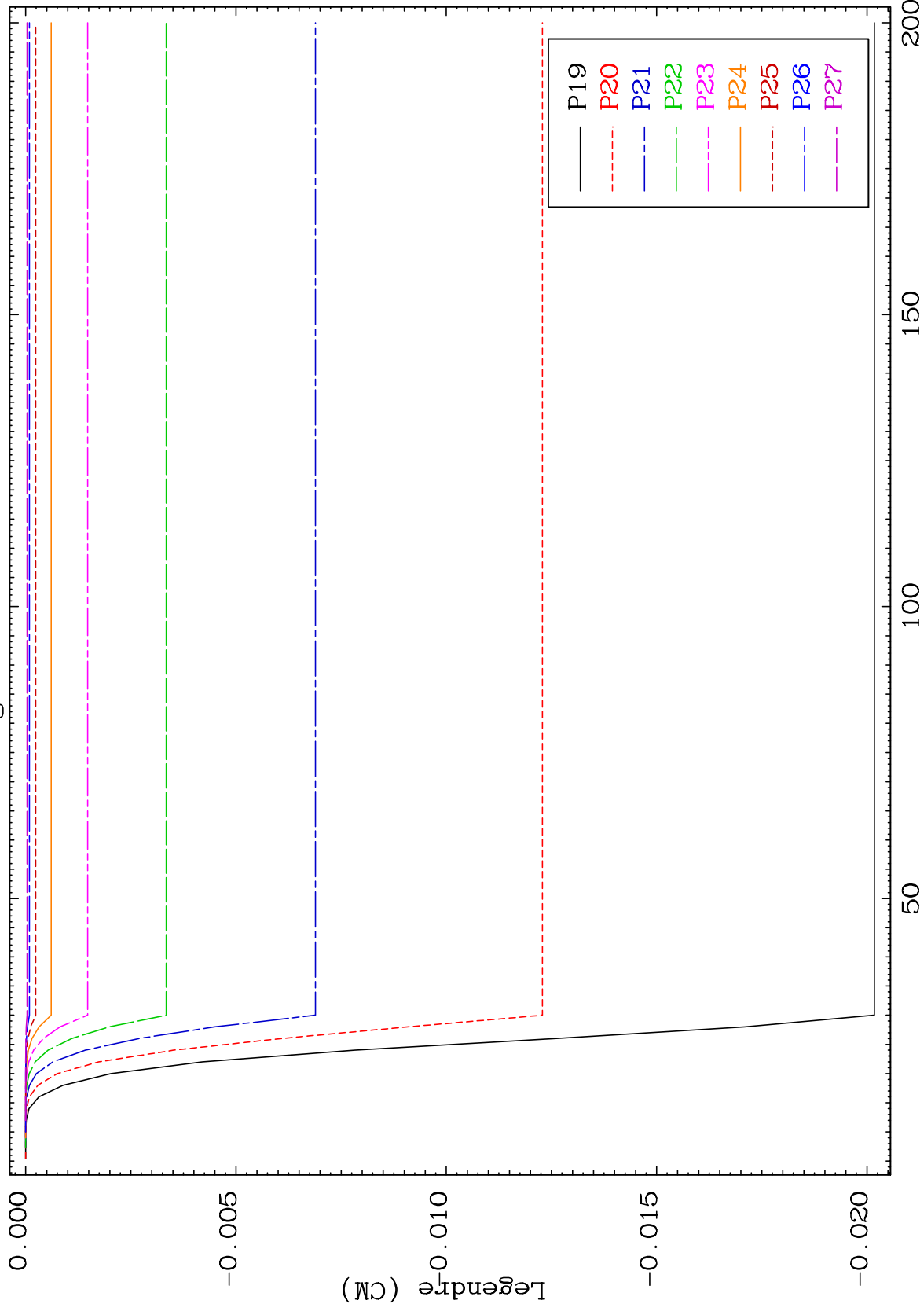
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



71

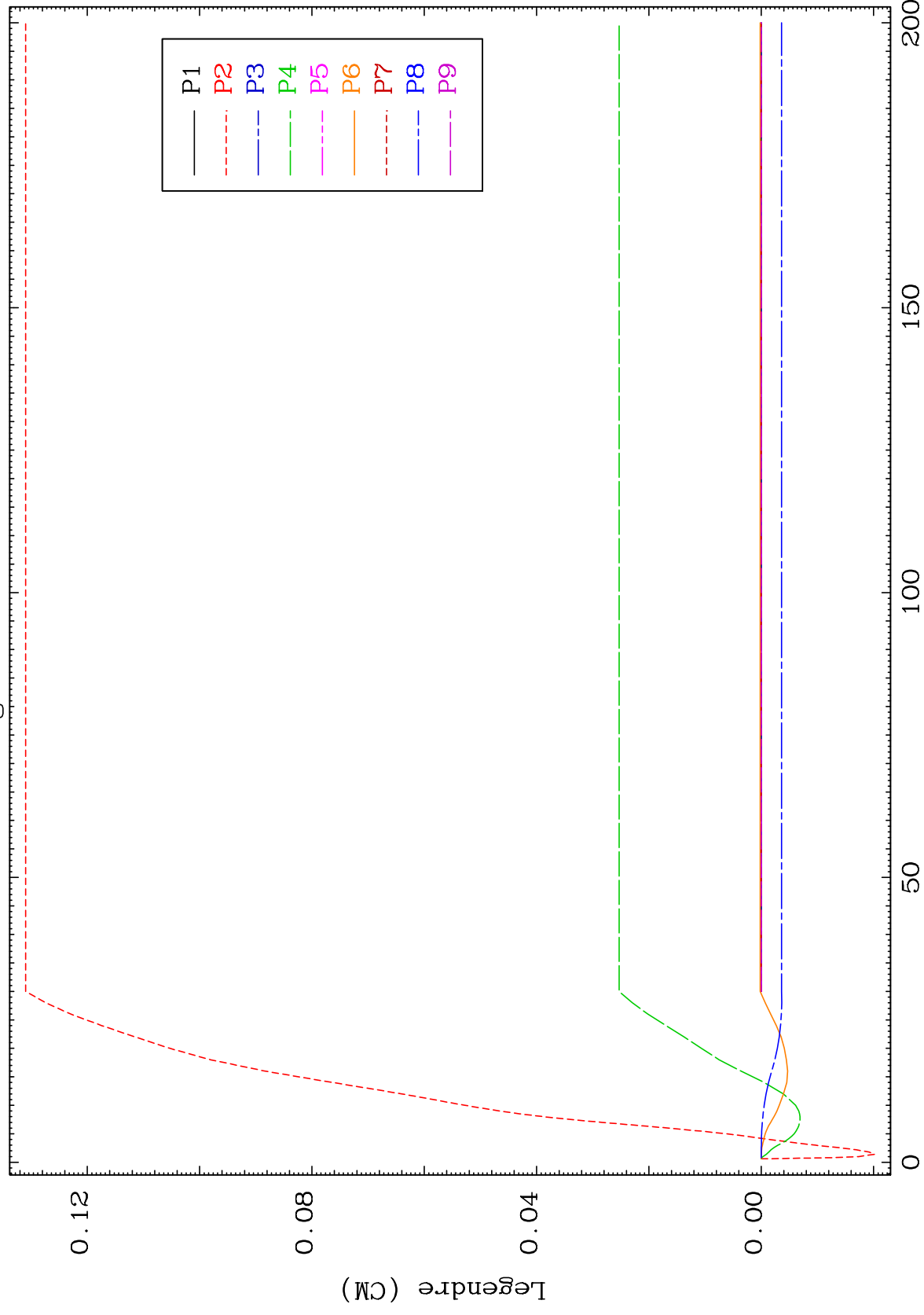
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



73

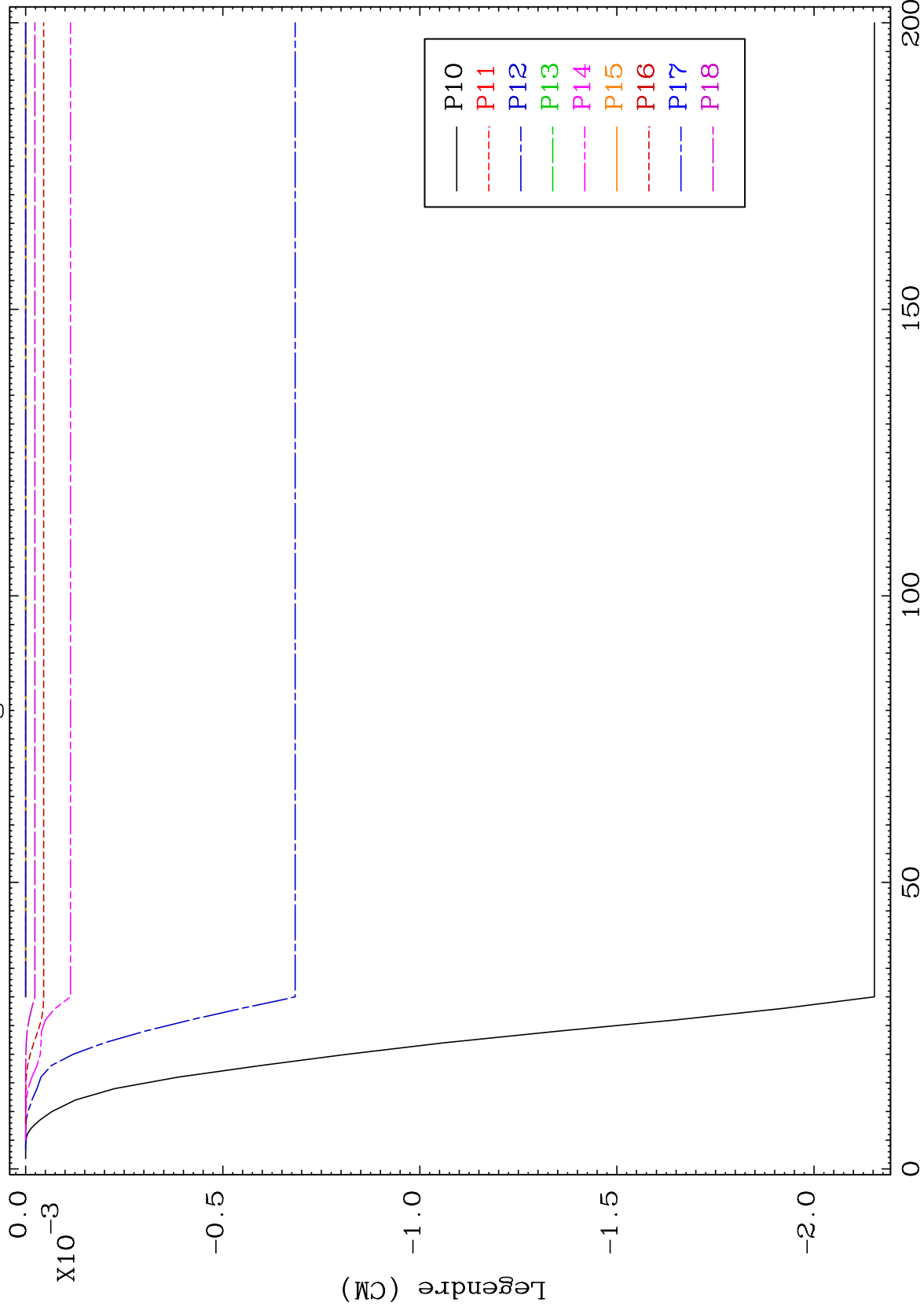
Incident Energy (MeV)

57-La-144

MAT 5743

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

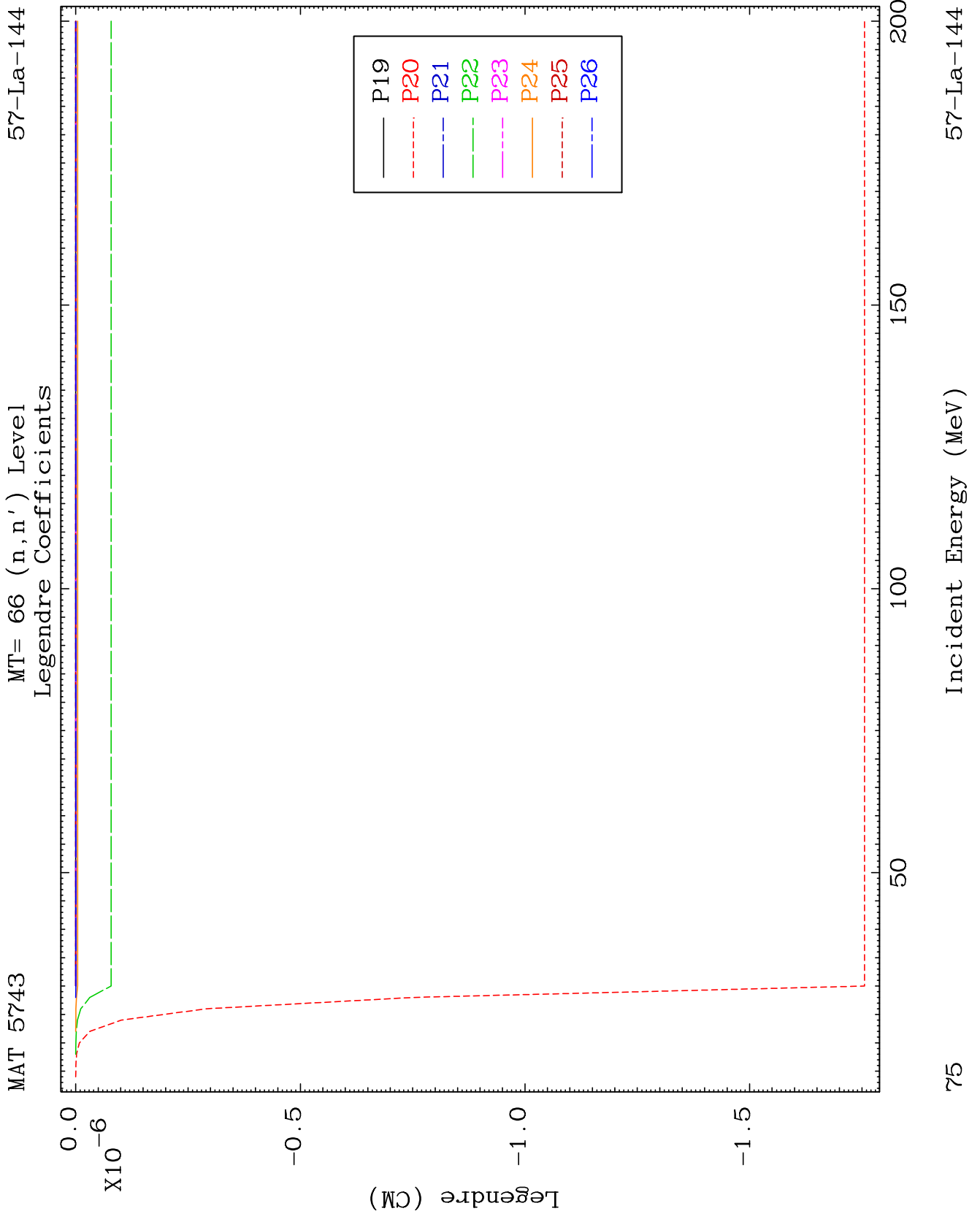
57-La-144

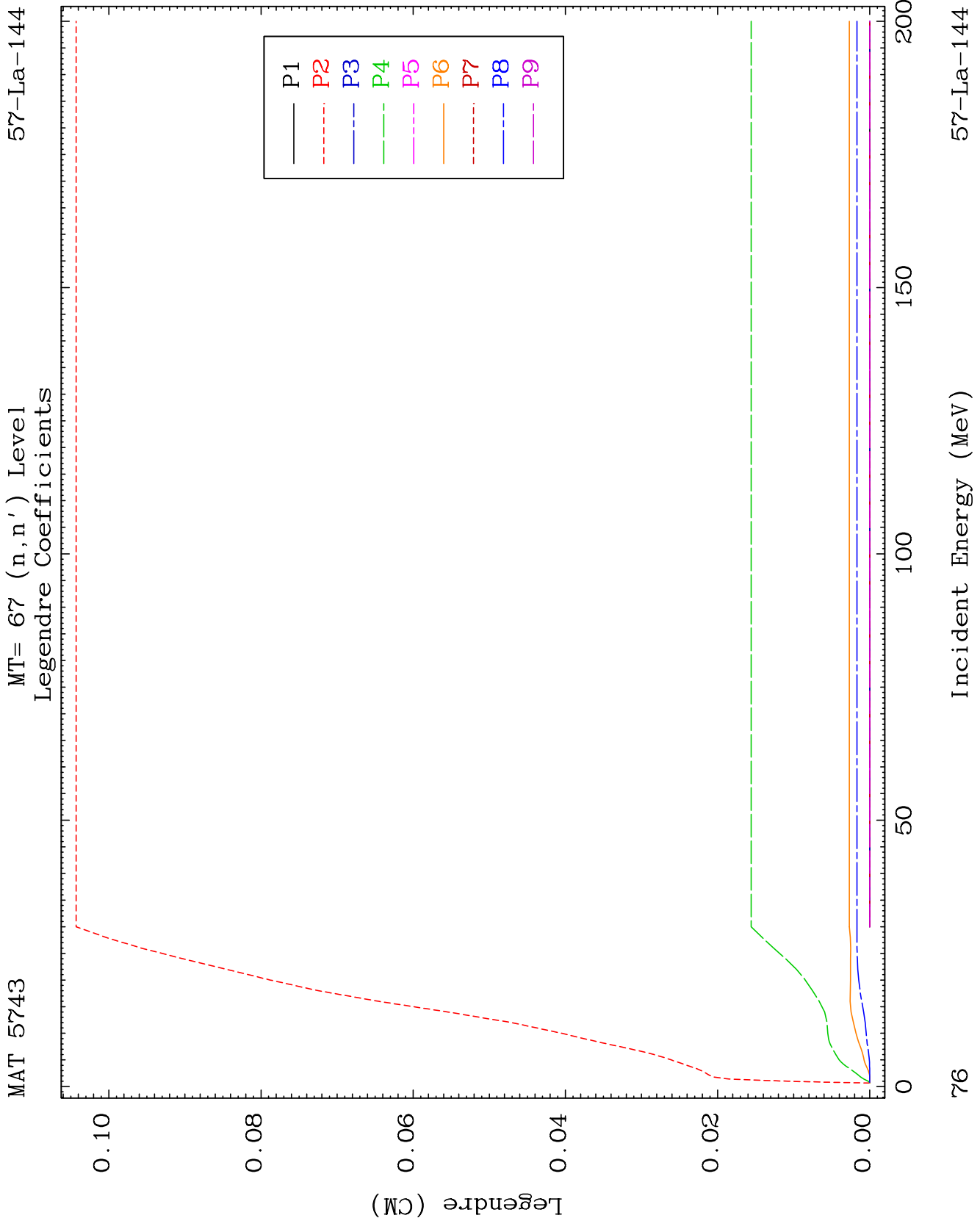


74

Incident Energy (MeV)

57-La-144

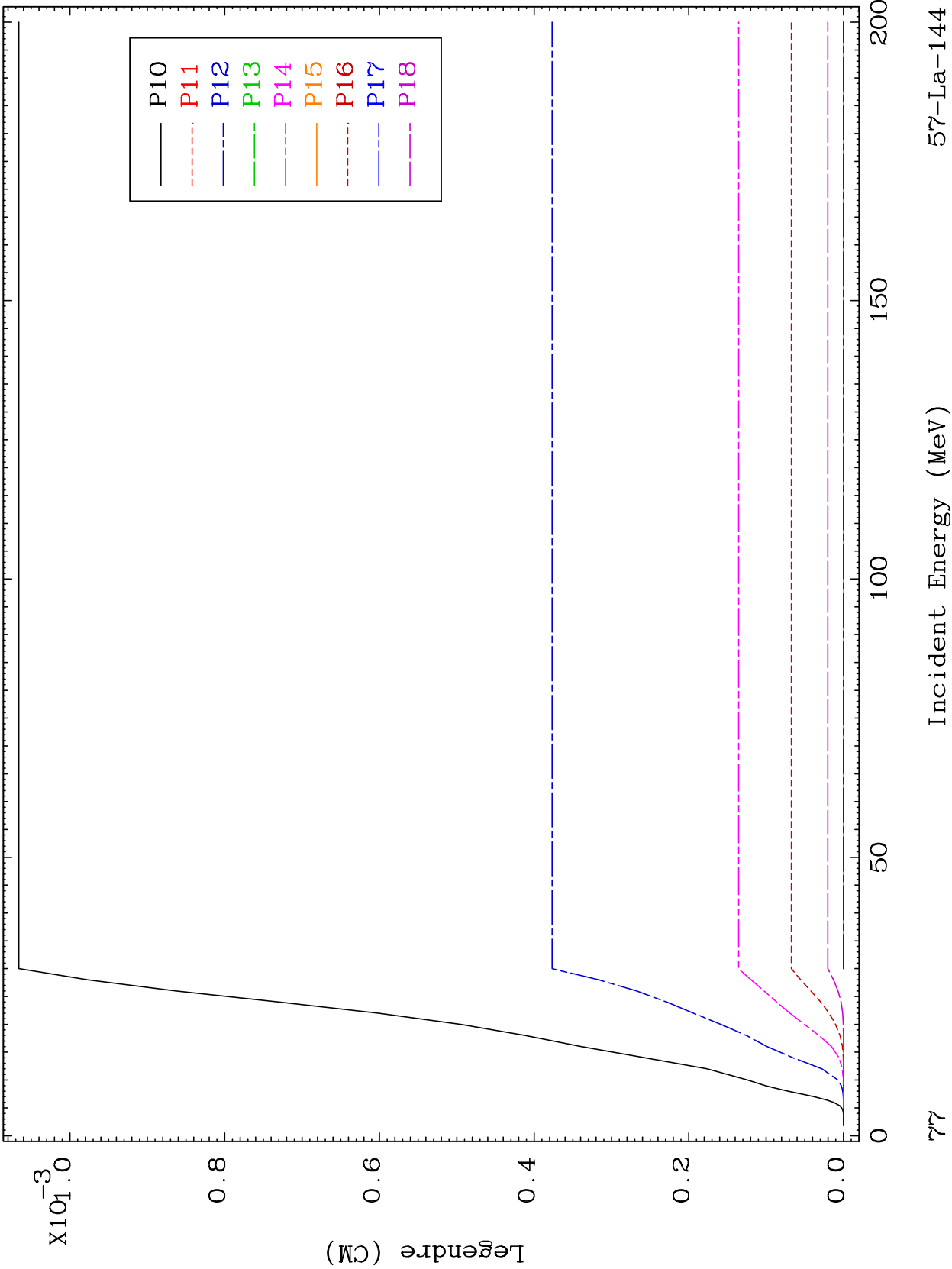




MAT 5743

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

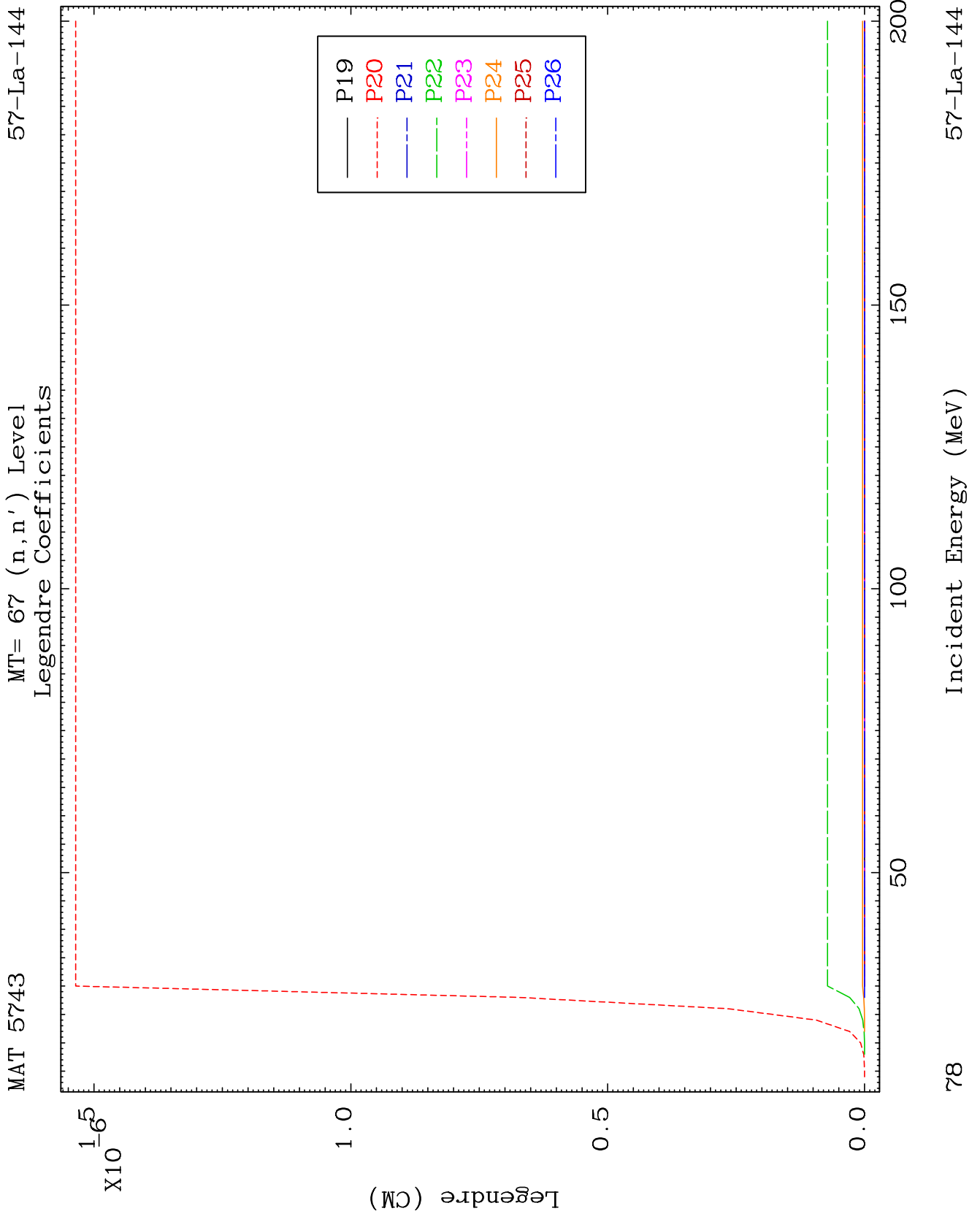
57-La-144



77

Incident Energy (MeV)

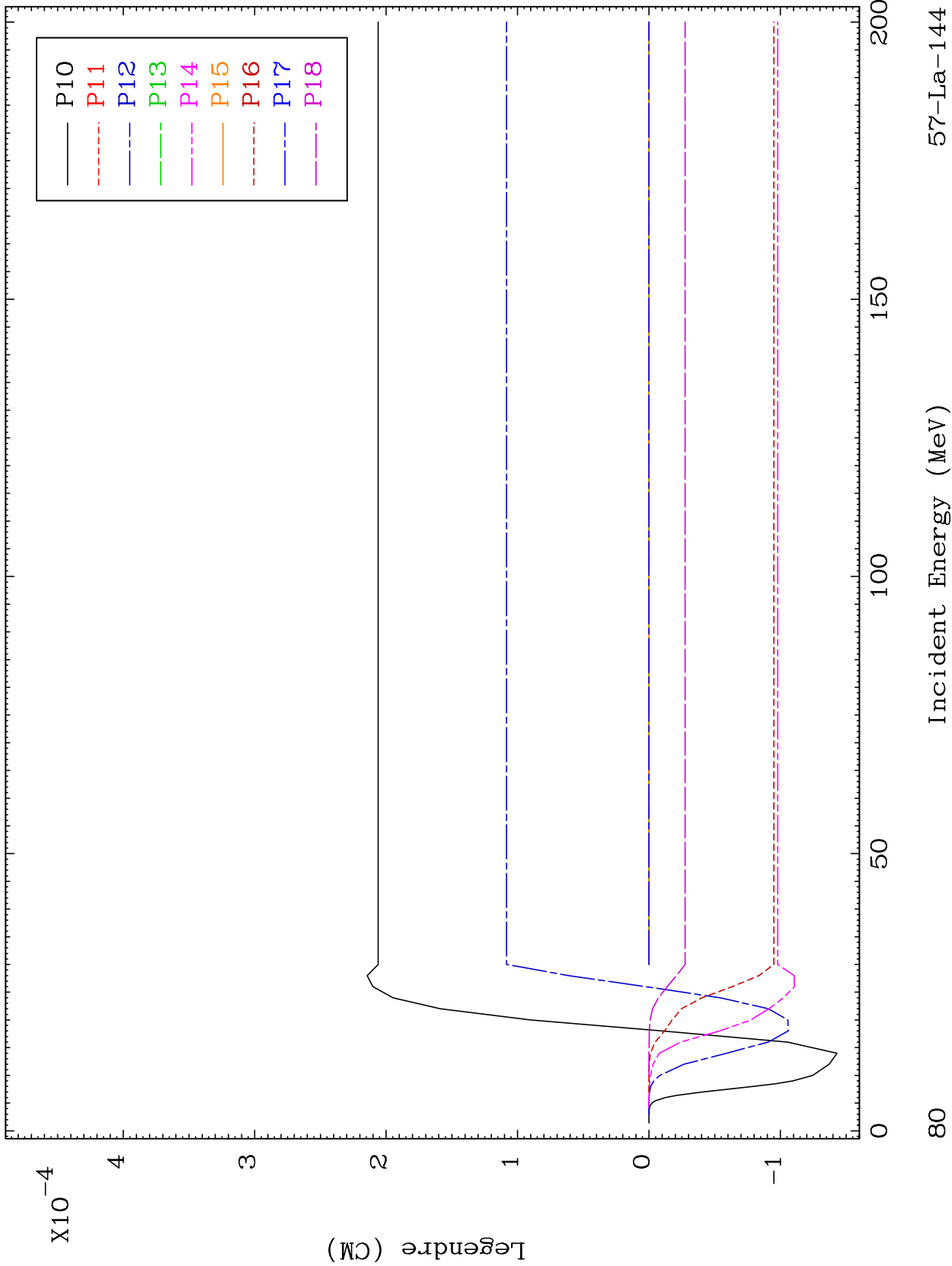
57-La-144



MAT 5743

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

57-La-144

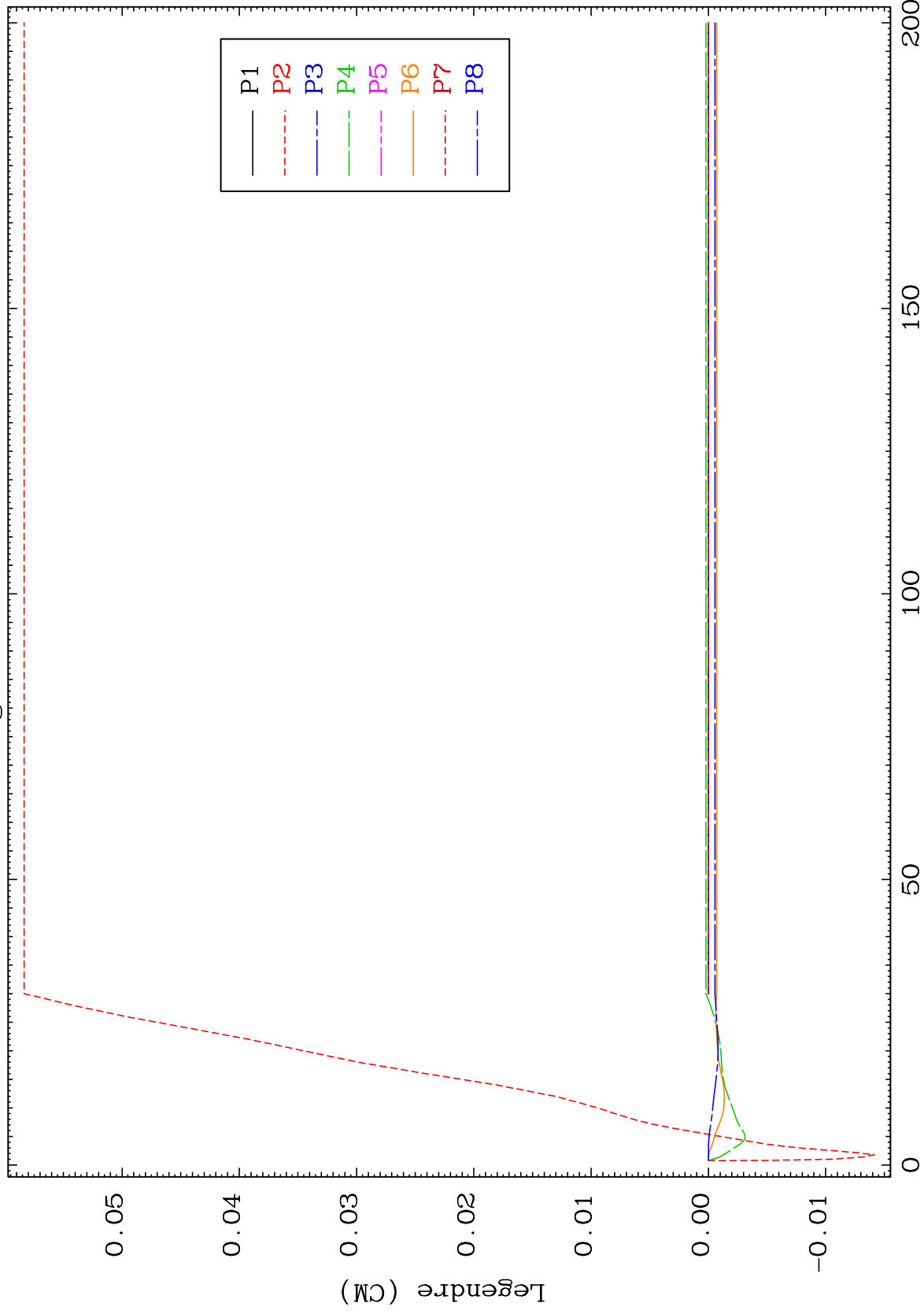


57-La-144

MAT 5743

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

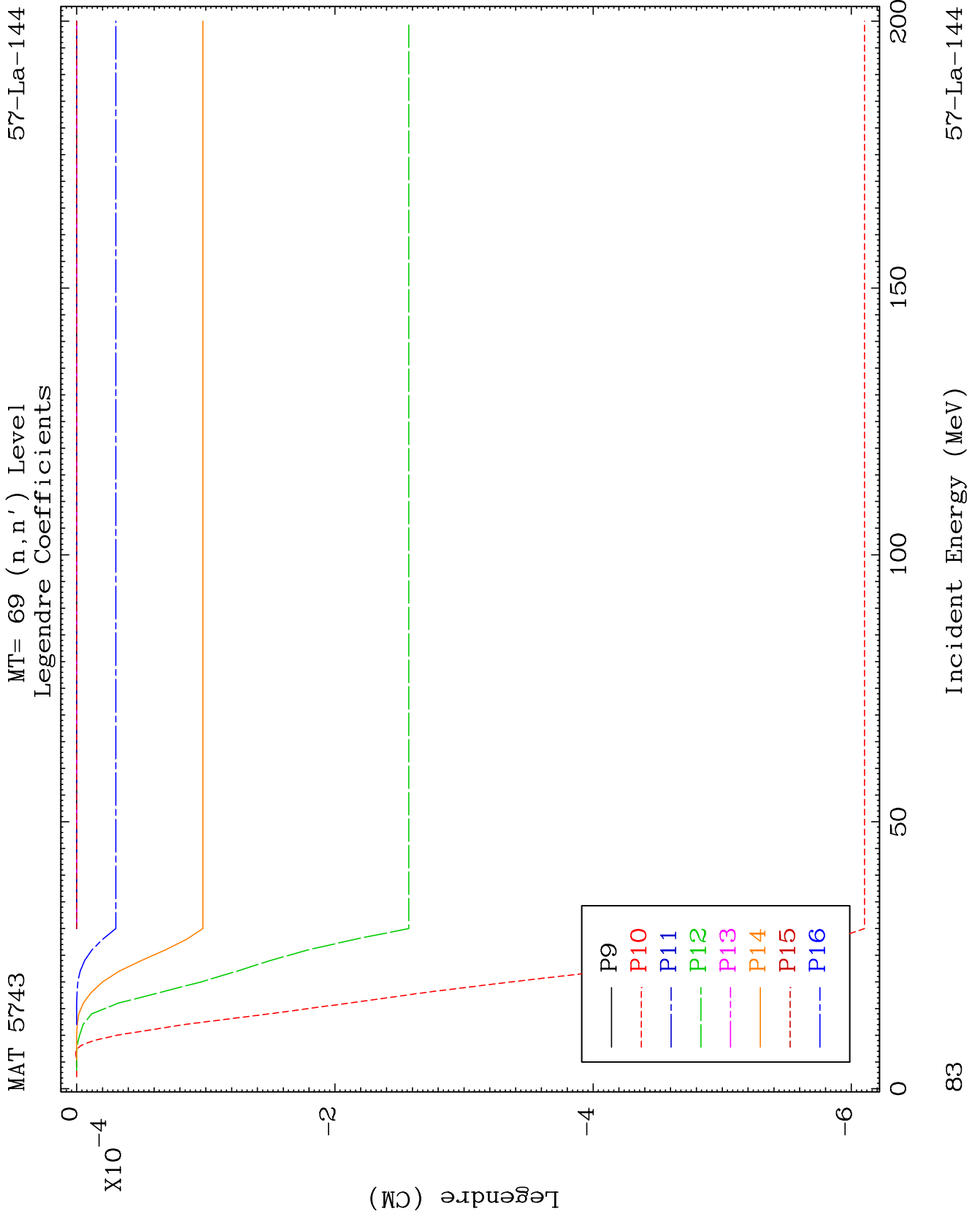
57-La-144



82

Incident Energy (MeV)

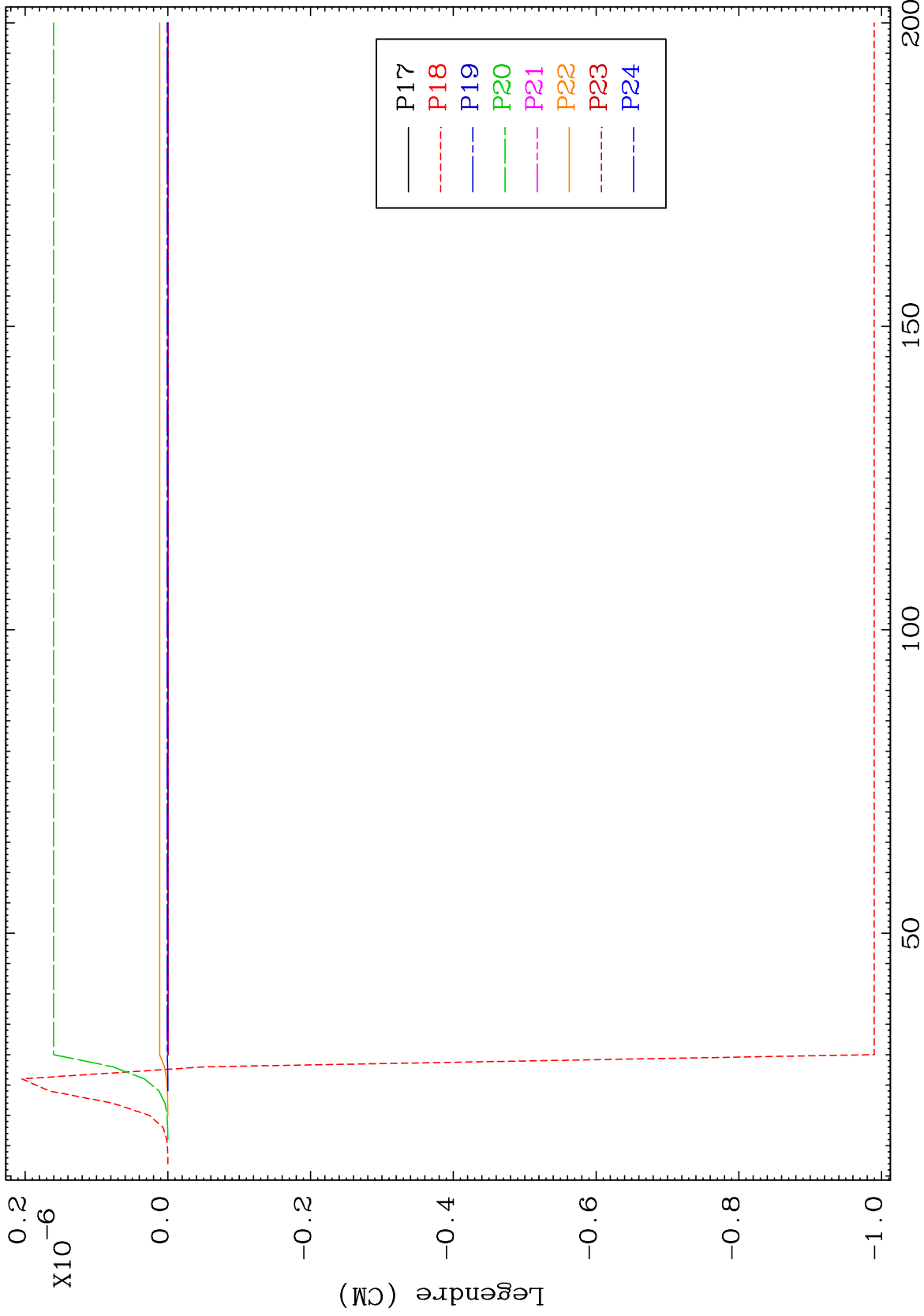
57-La-144



MAT 5743

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

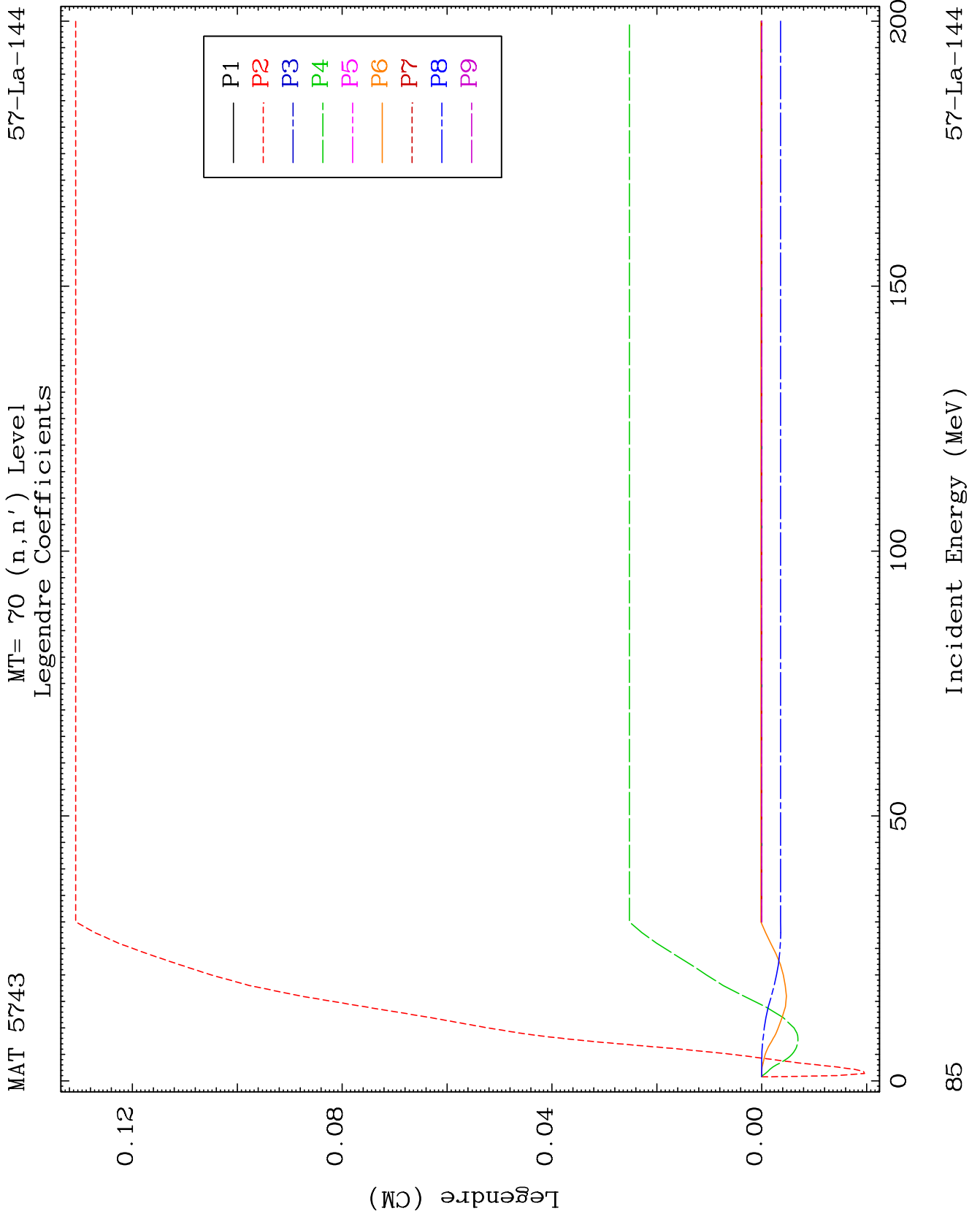
57-La-144



84

Incident Energy (MeV)

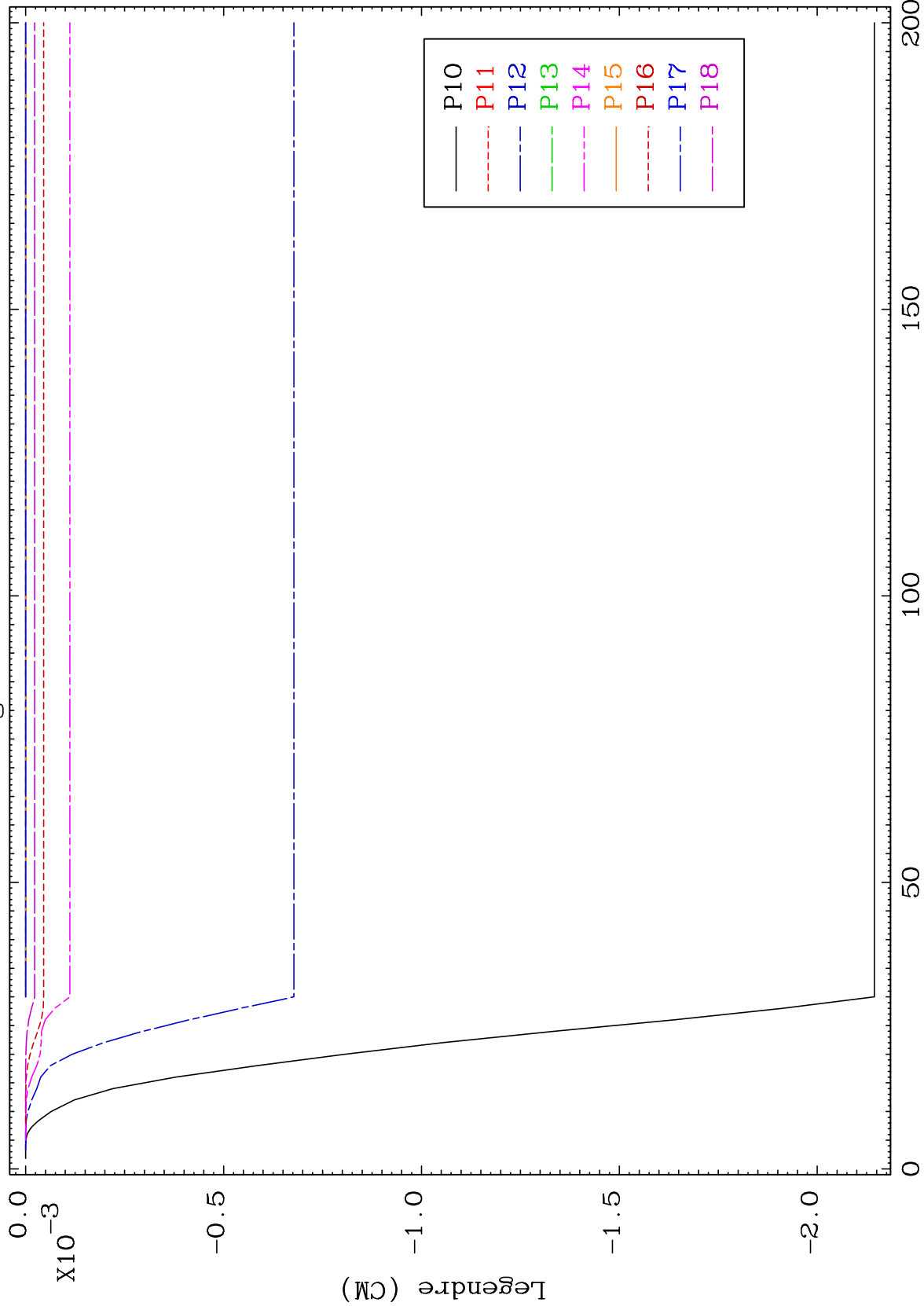
57-La-144



MAT 5743

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

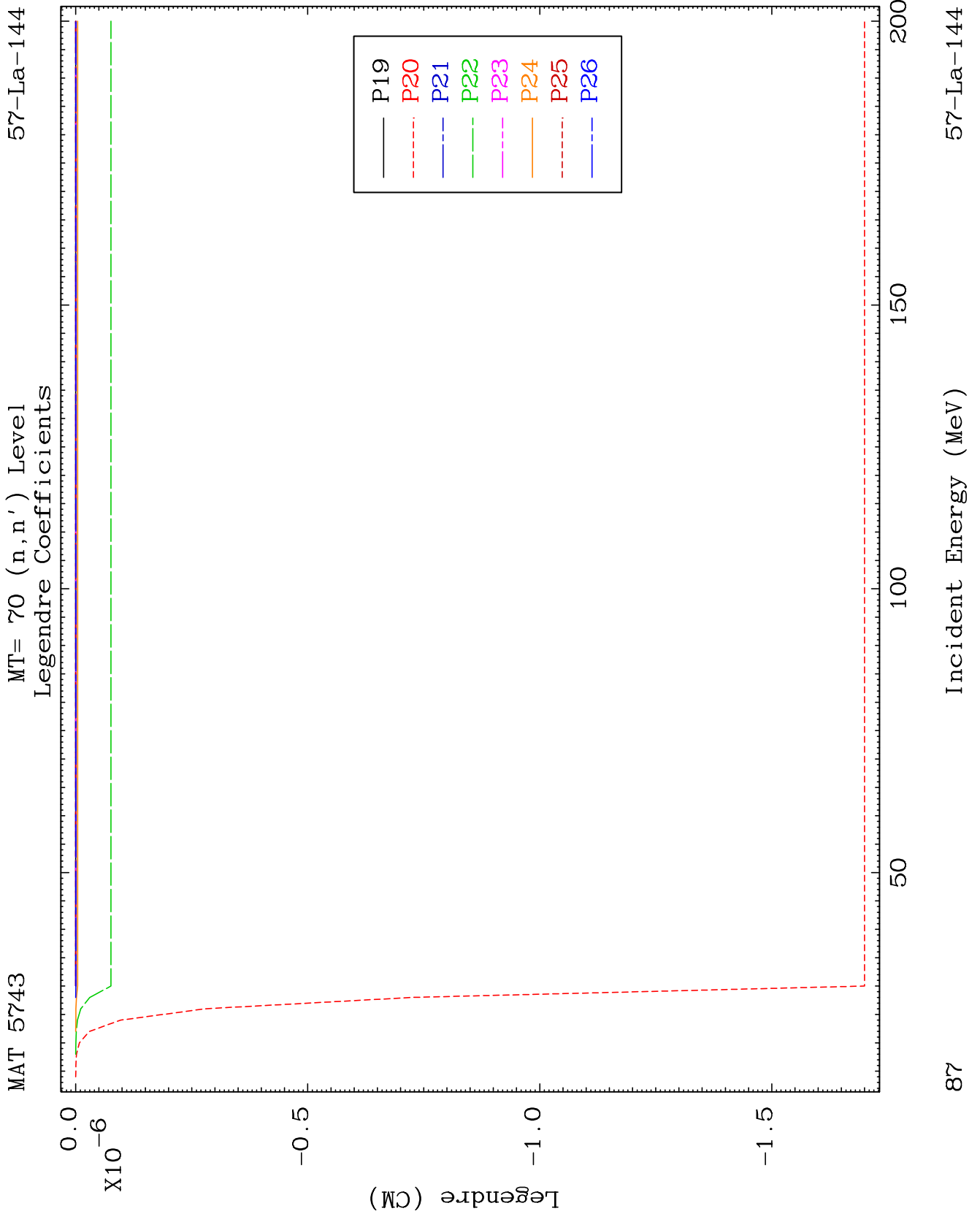
57-La-144



86

Incident Energy (MeV)

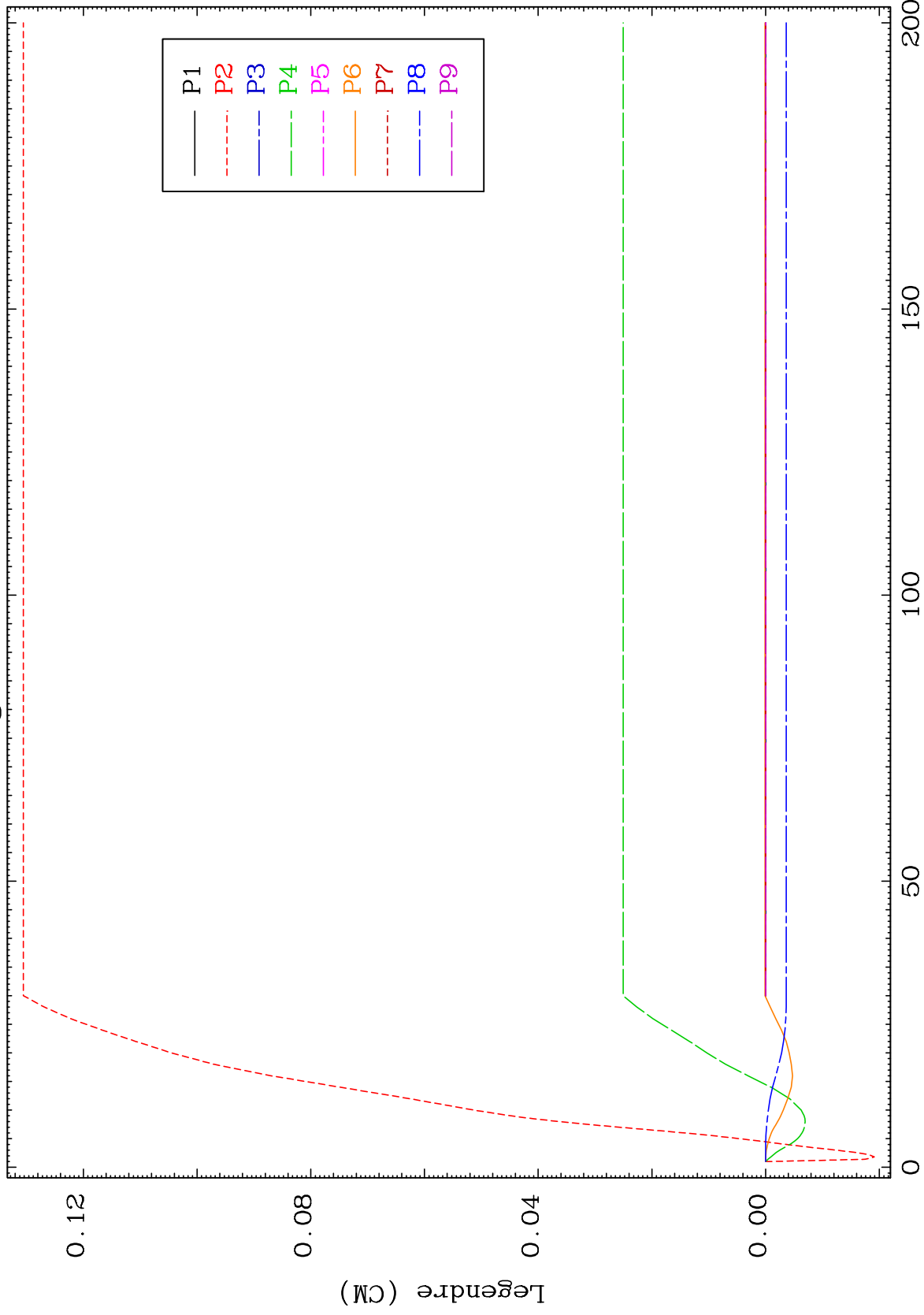
57-La-144



MAT 5743

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

57-La-144



88

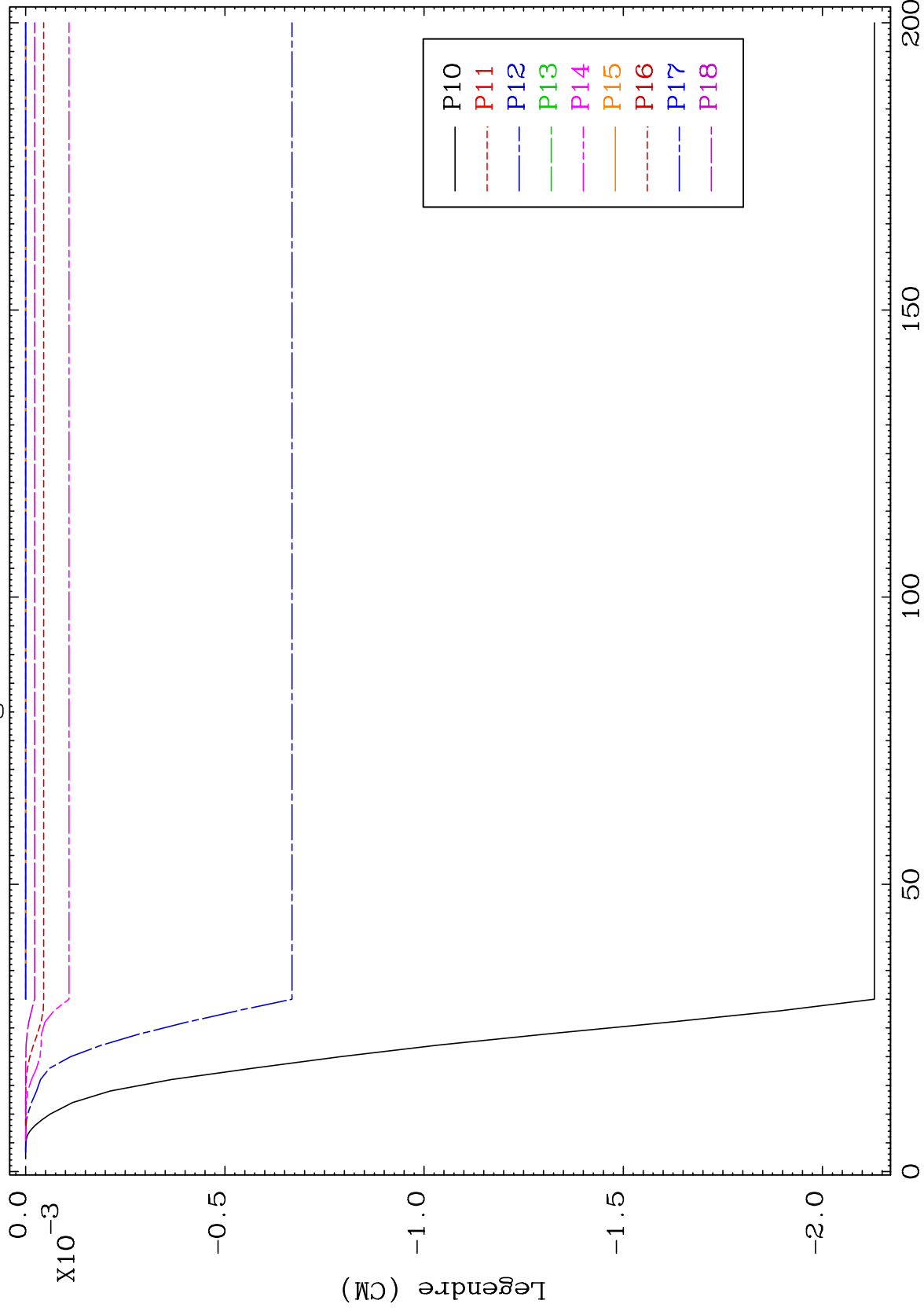
Incident Energy (MeV)

57-La-144

MAT 5743

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

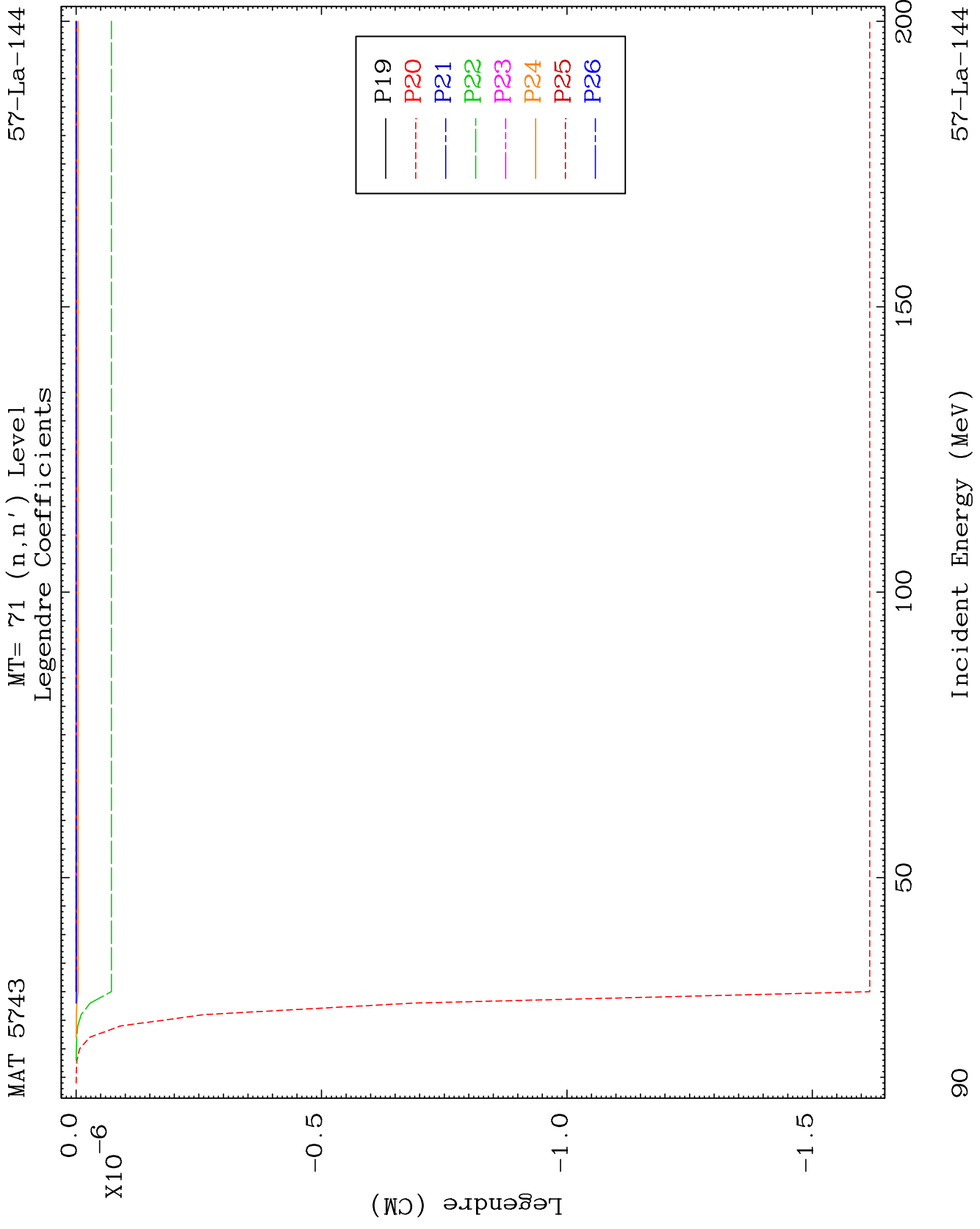
57-La-144



89

Incident Energy (MeV)

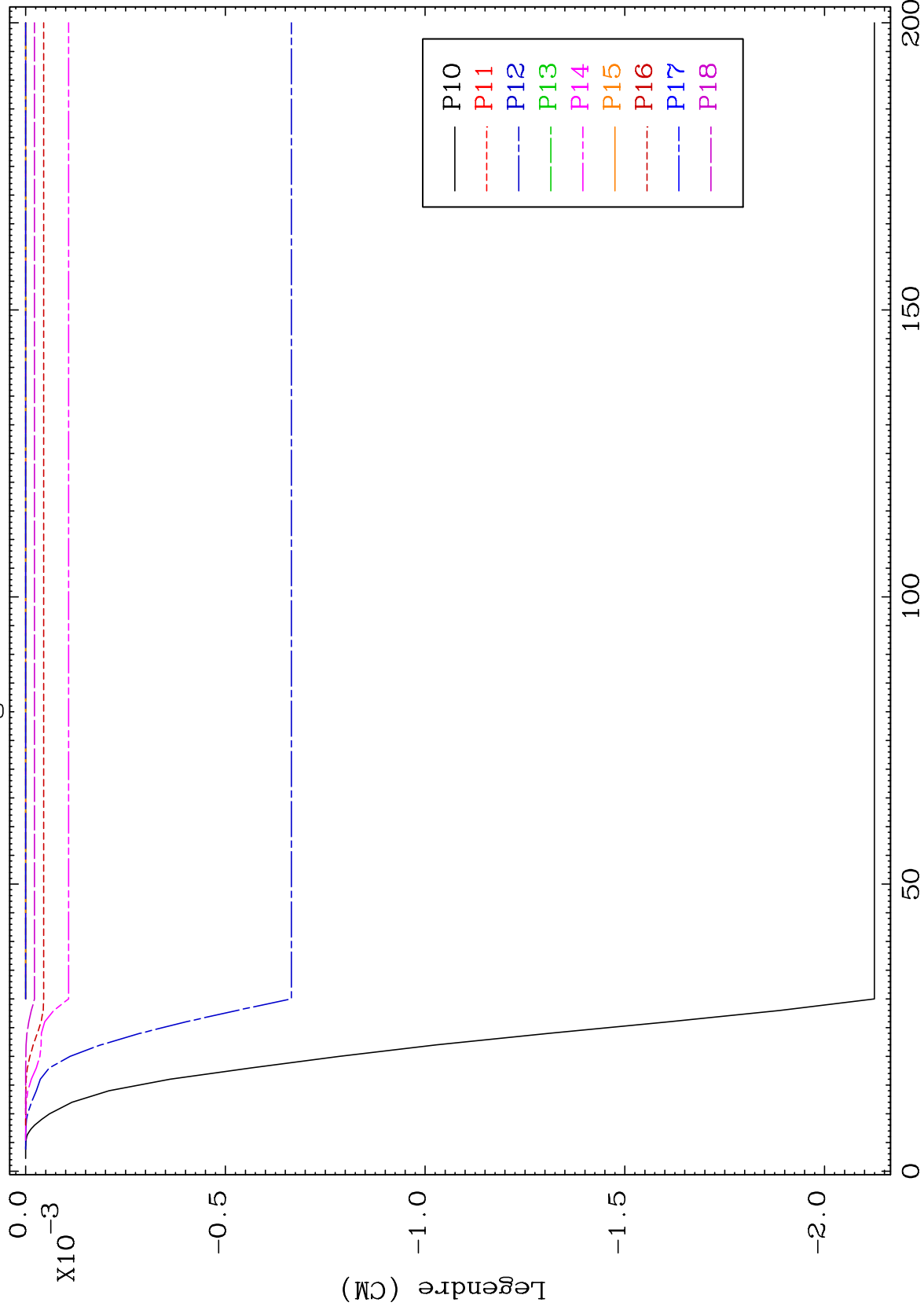
57-La-144



MAT 5743

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

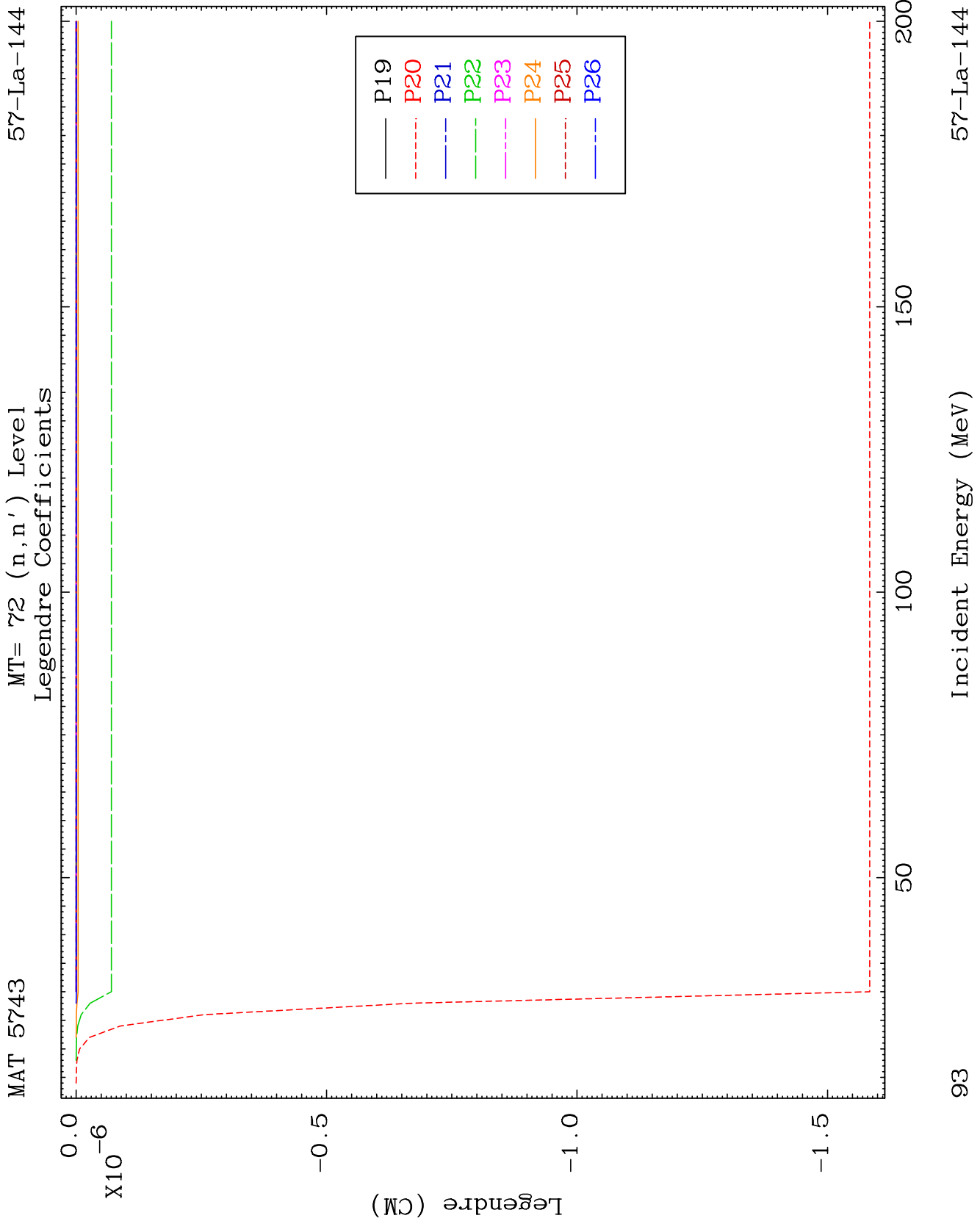
57-La-144



92

Incident Energy (MeV)

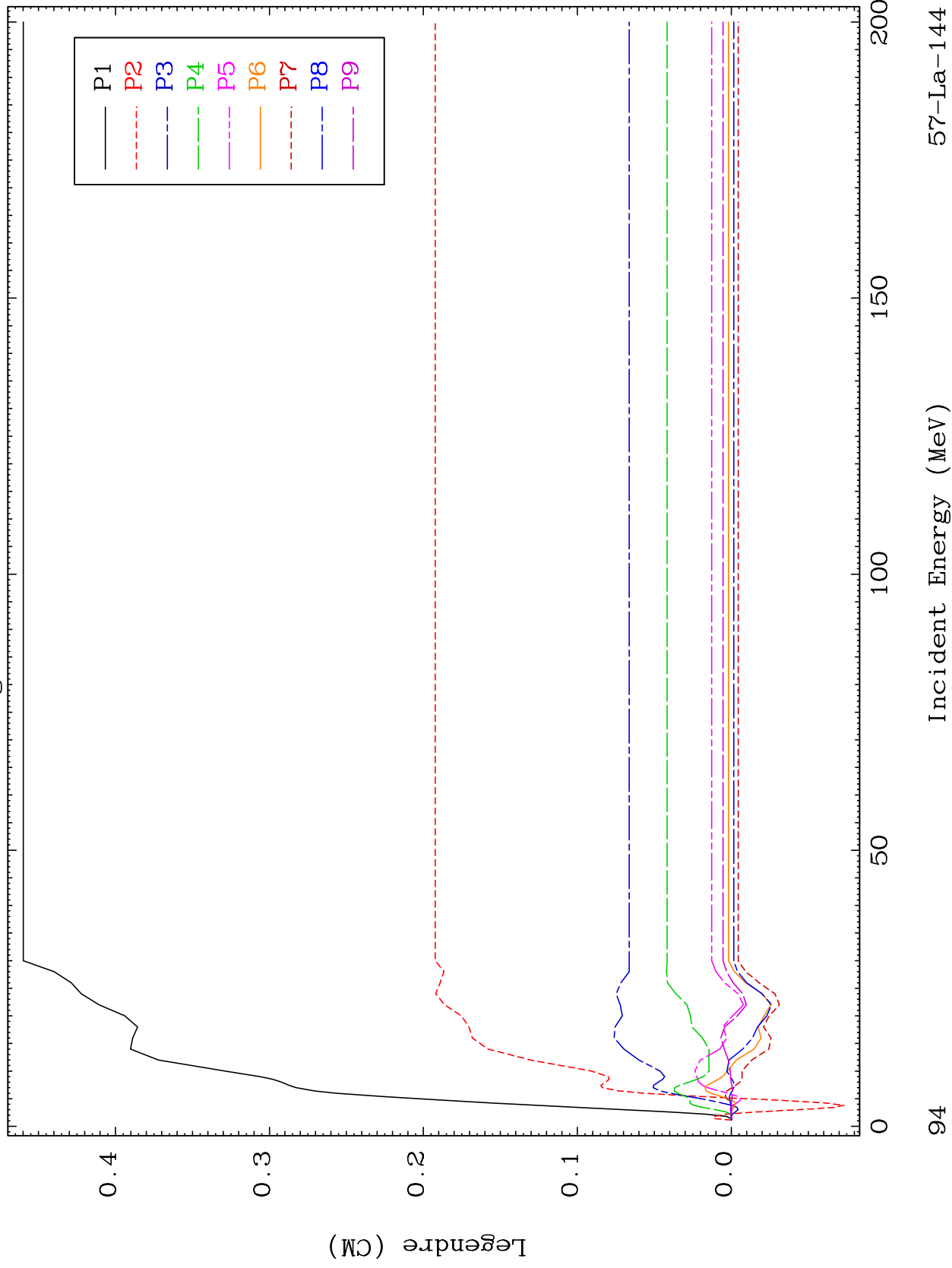
57-La-144



MAT 5743

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

57-La-144



57-La-144

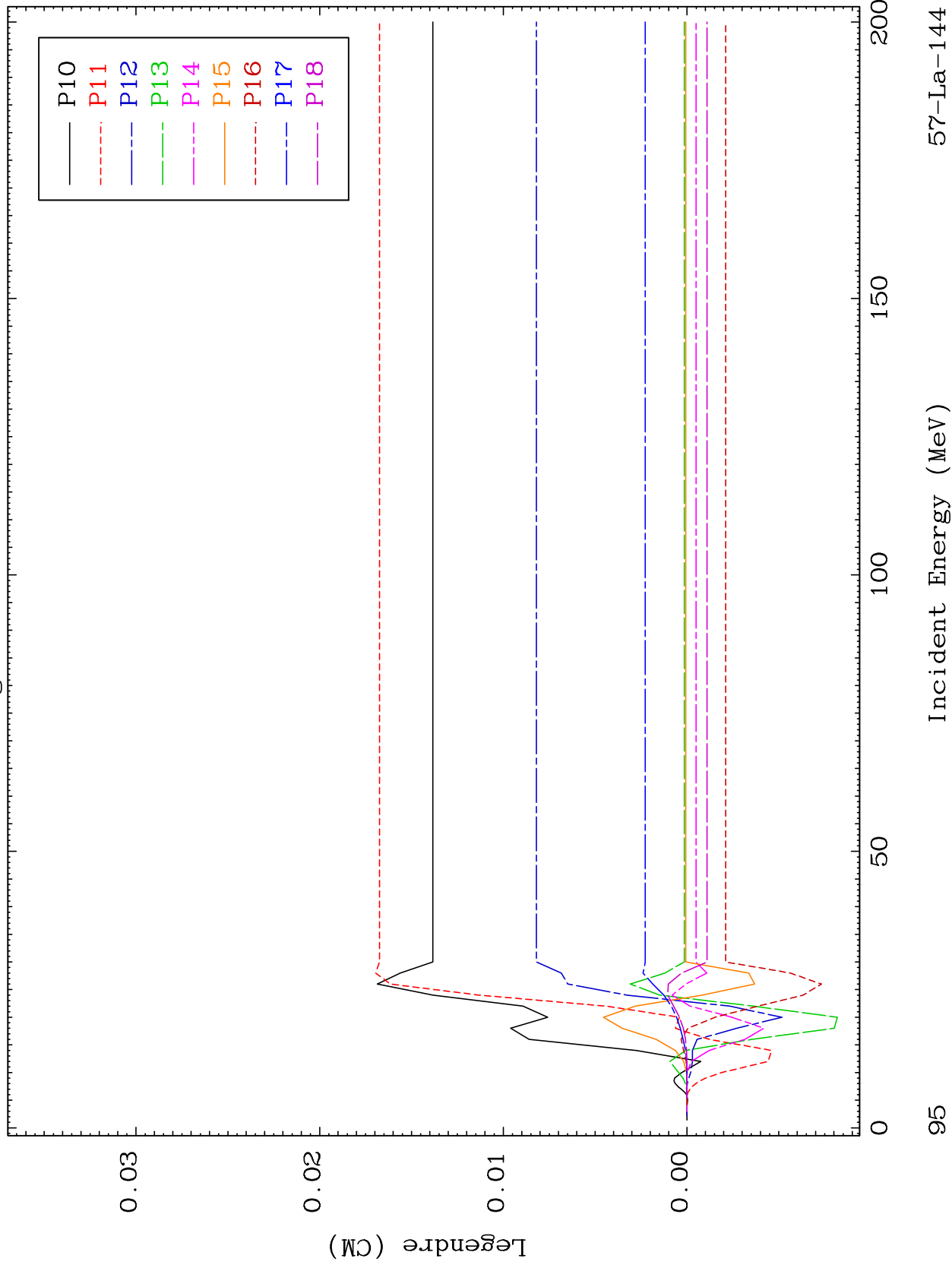
Incident Energy (MeV)

94

MAT 5743

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

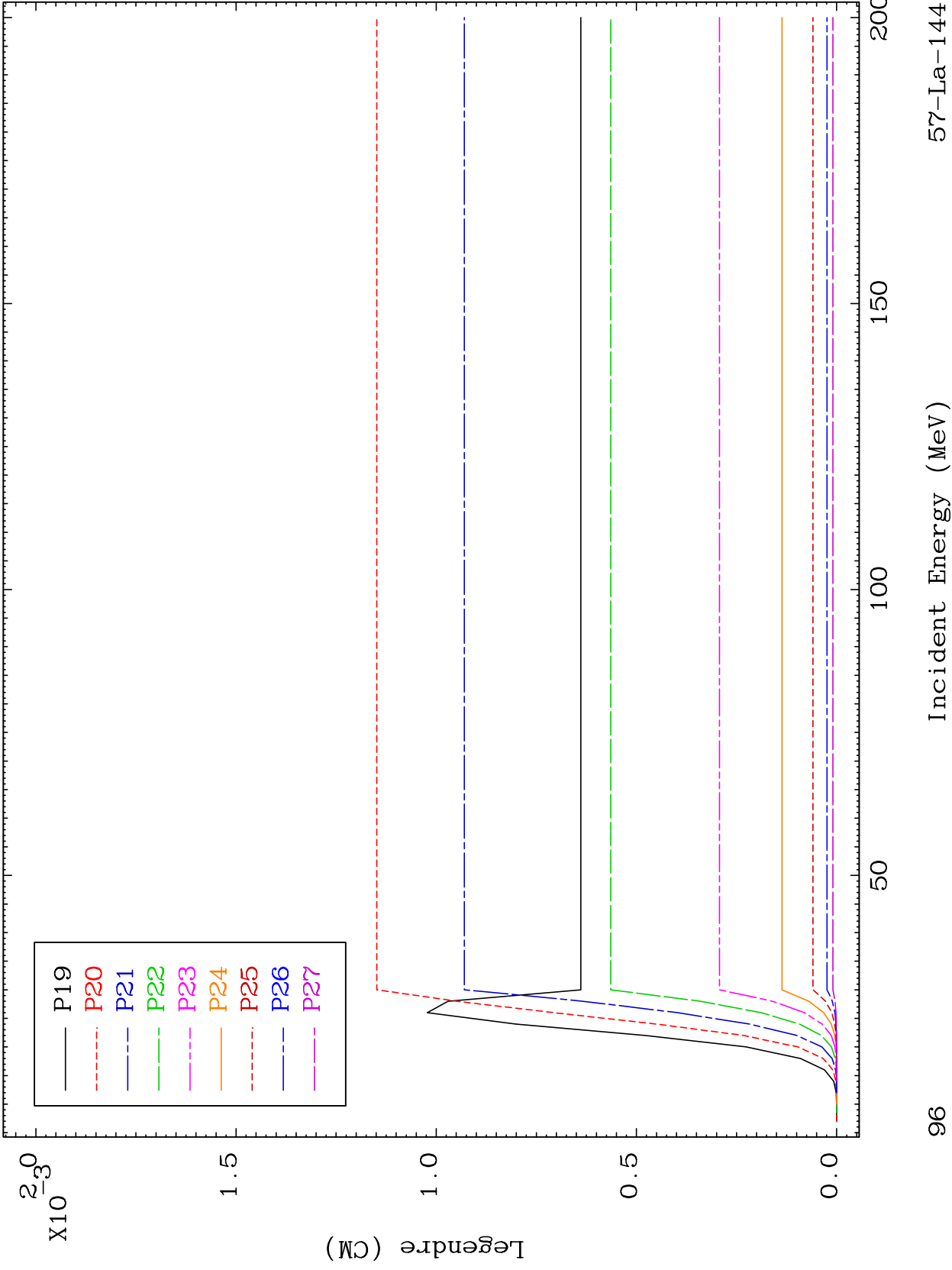
57-La-144



57-La-144

Incident Energy (MeV)

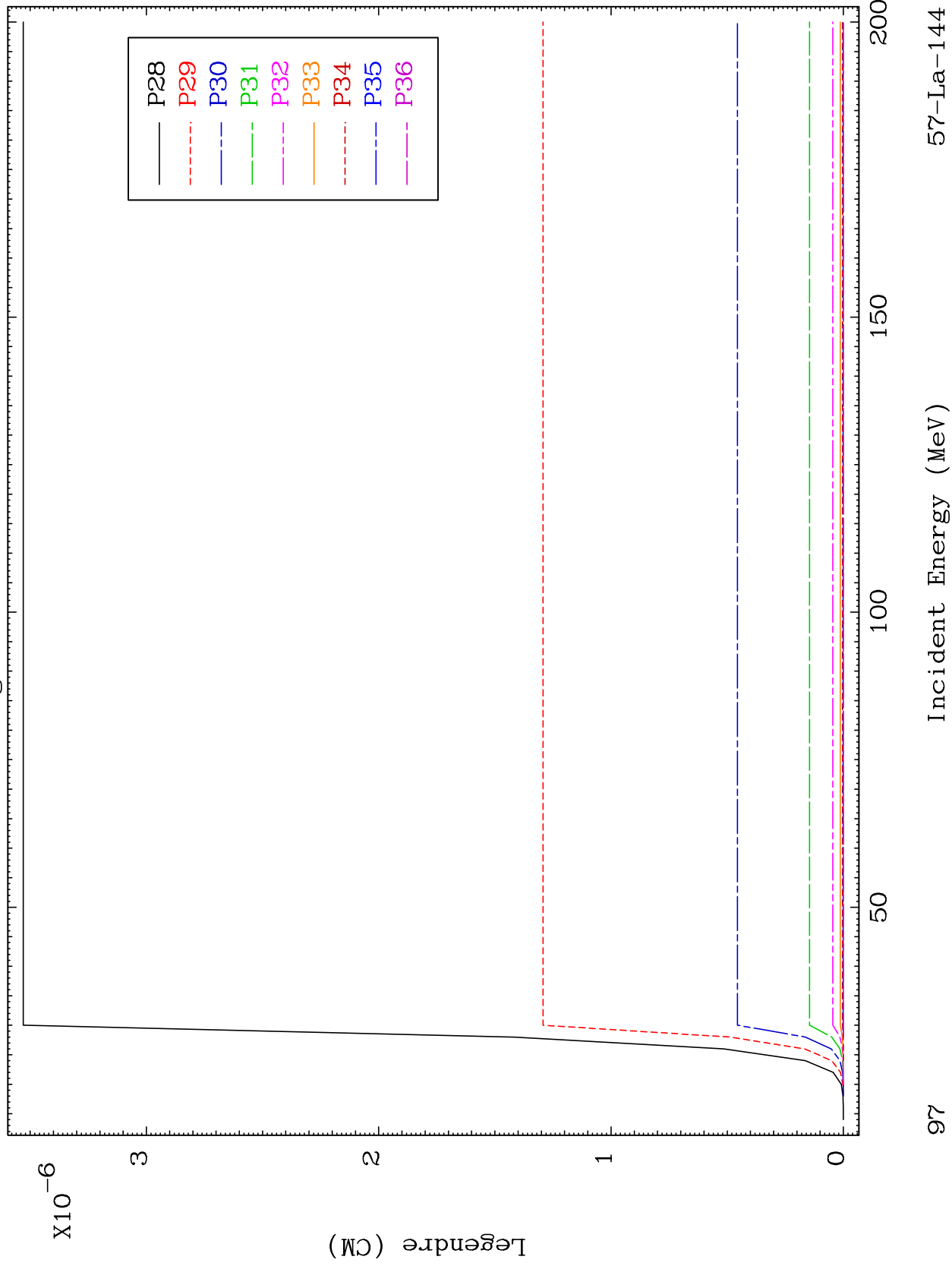
95



MAT 5743

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

57-La-144



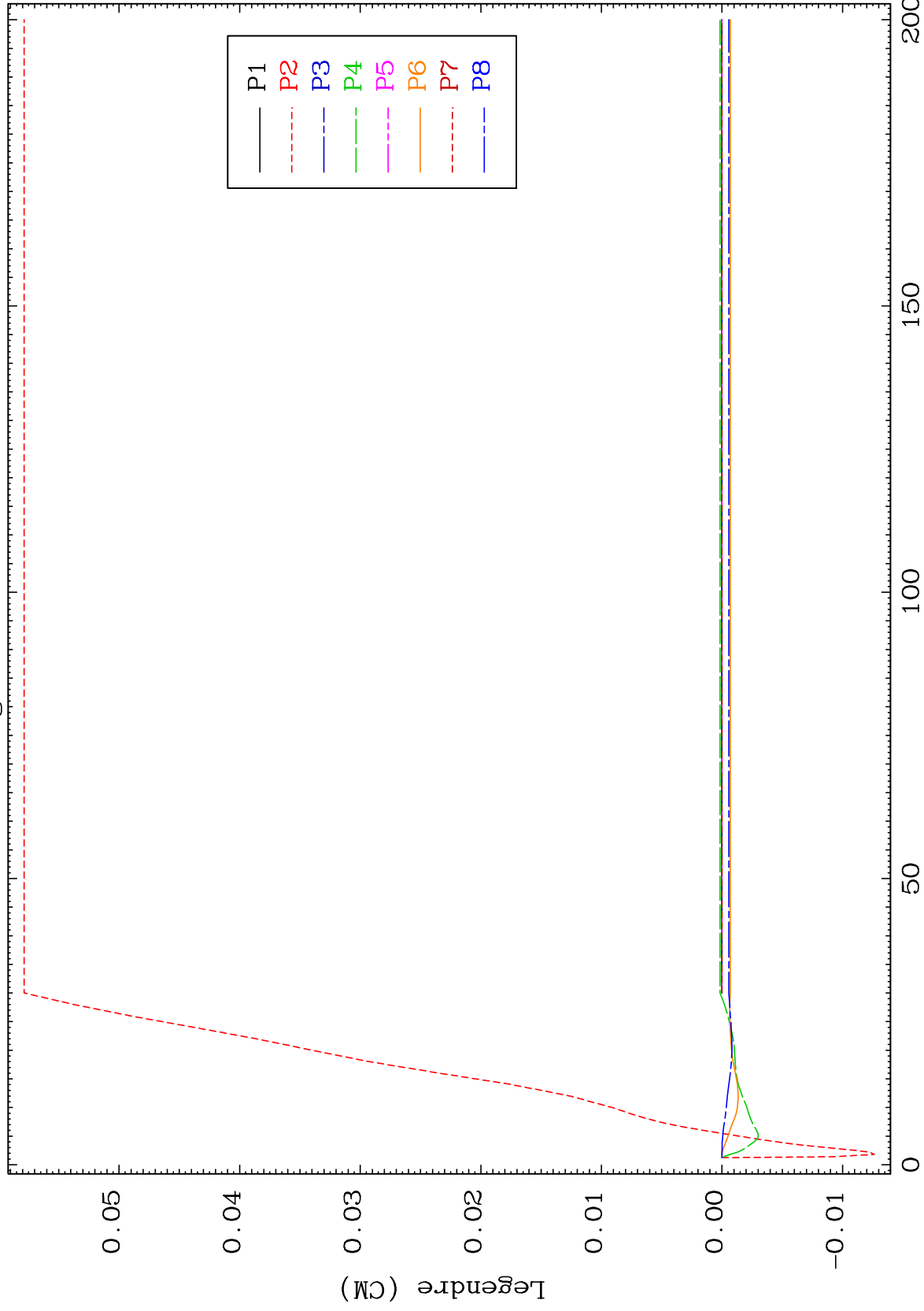
97

57-La-144

MAT 5743

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

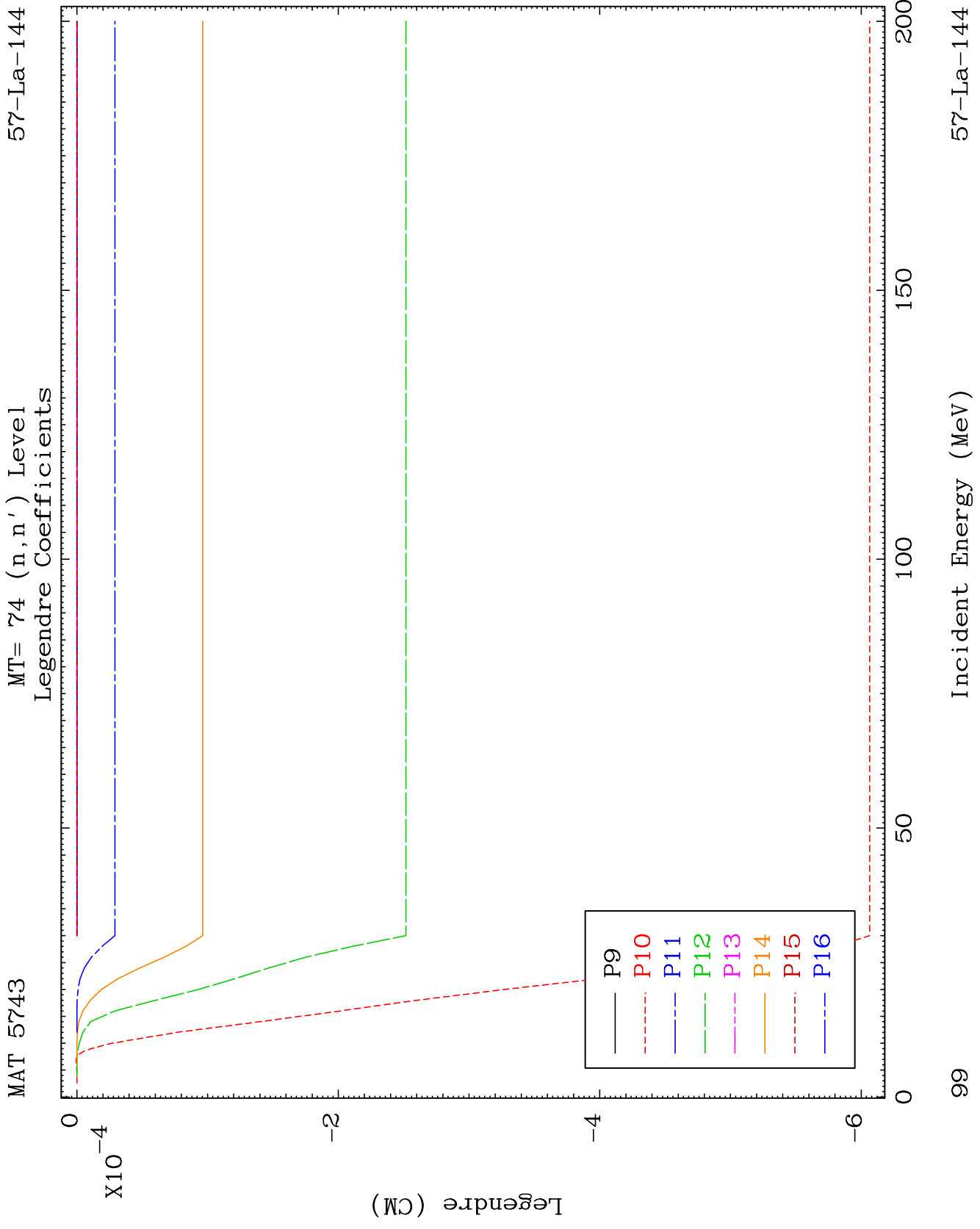
57-La-144



57-La-144

Incident Energy (MeV)

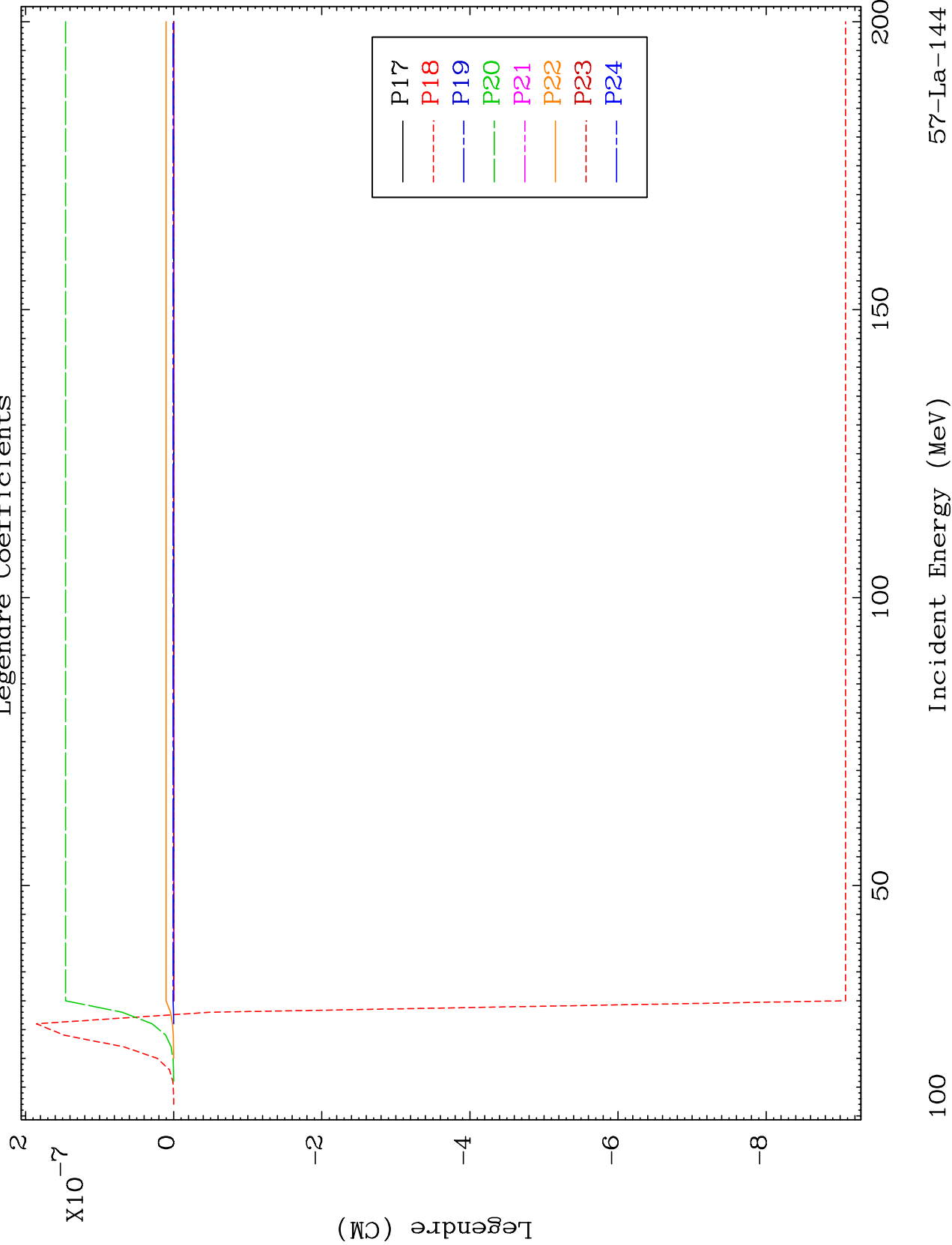
98



MAT 5743

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

57-La-144



57-La-144

Incident Energy (MeV)

100

50

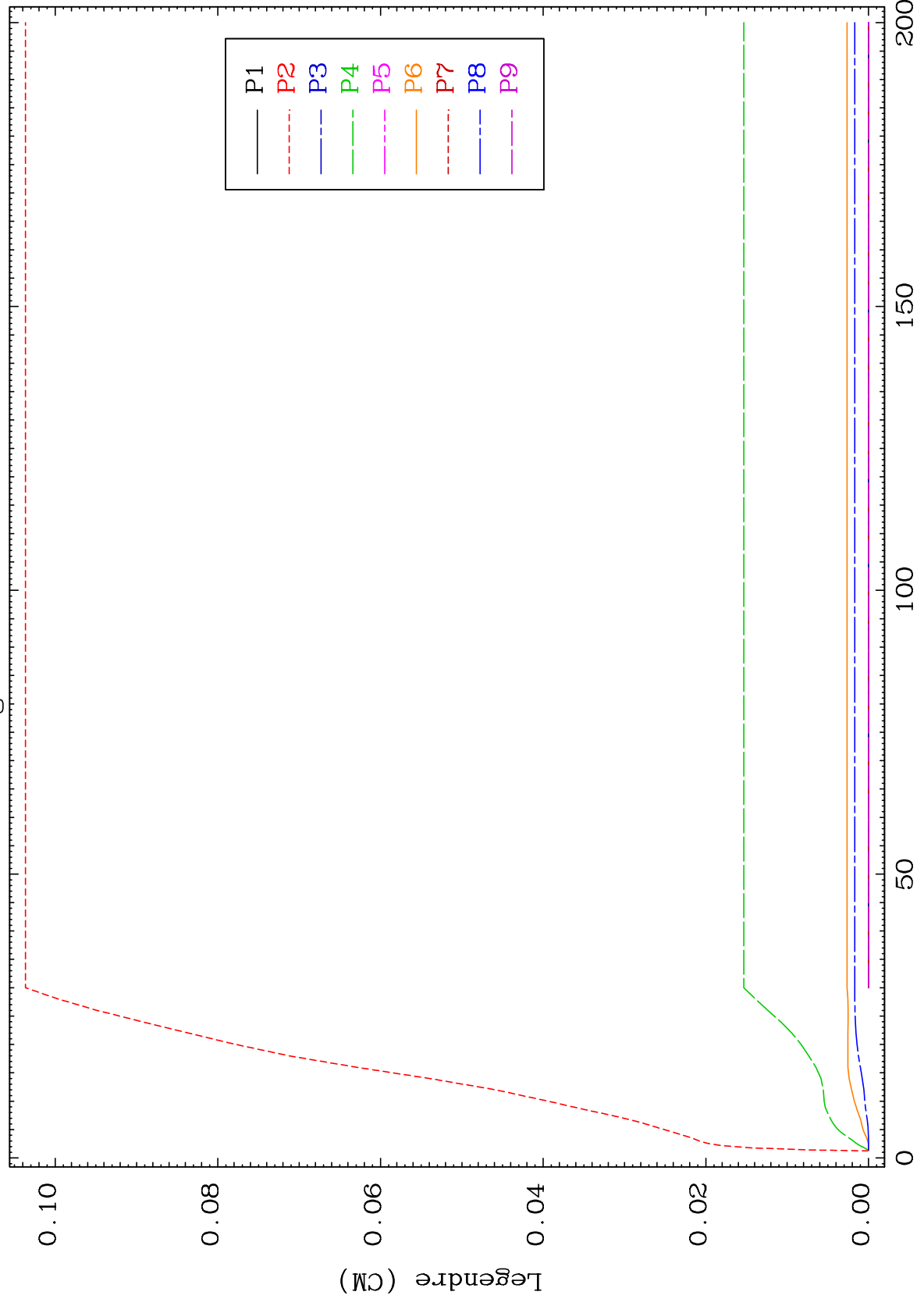
150

200

MAT 5743

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

57-La-144



101

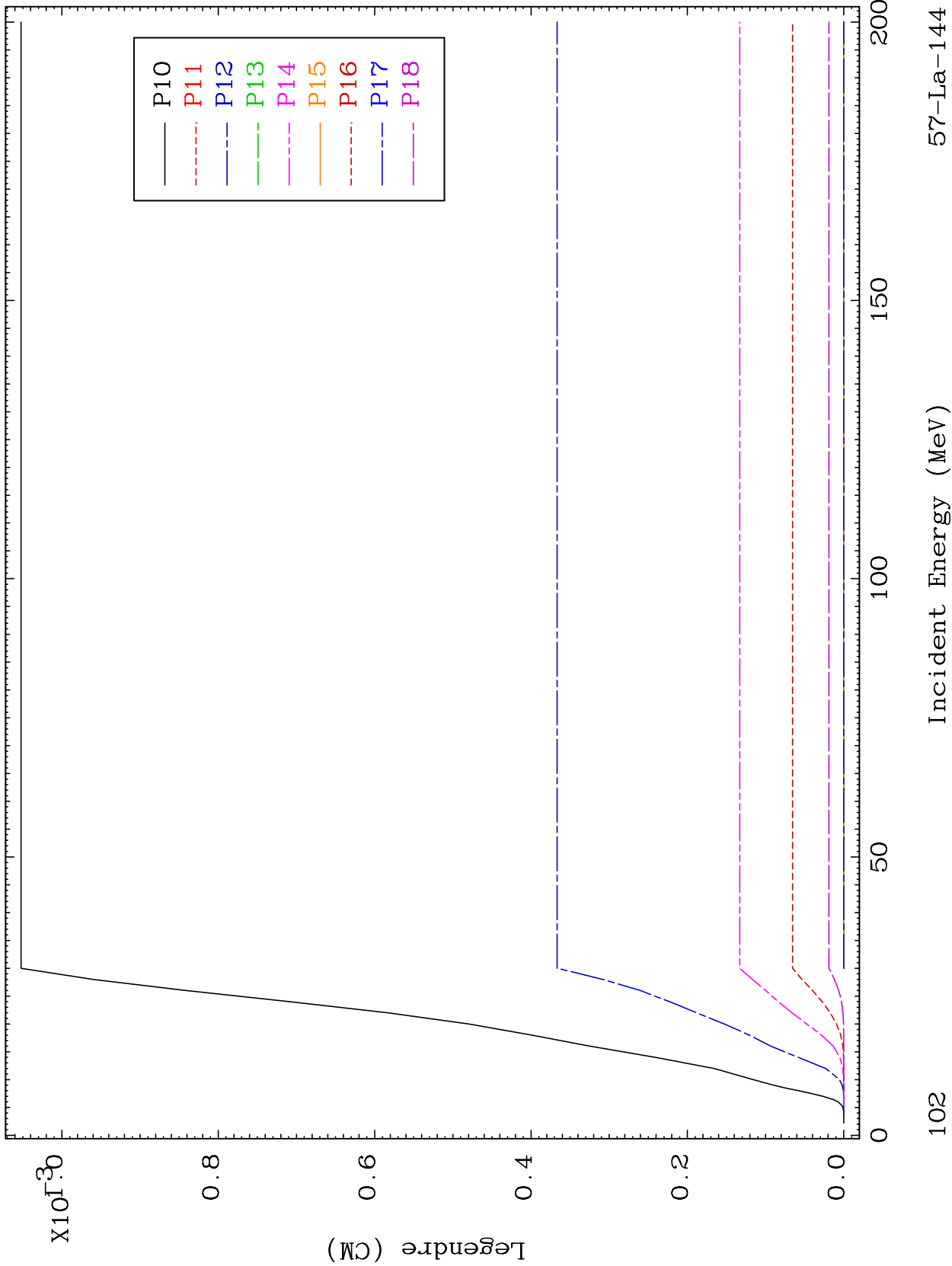
Incident Energy (MeV)

57-La-144

MAT 5743

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

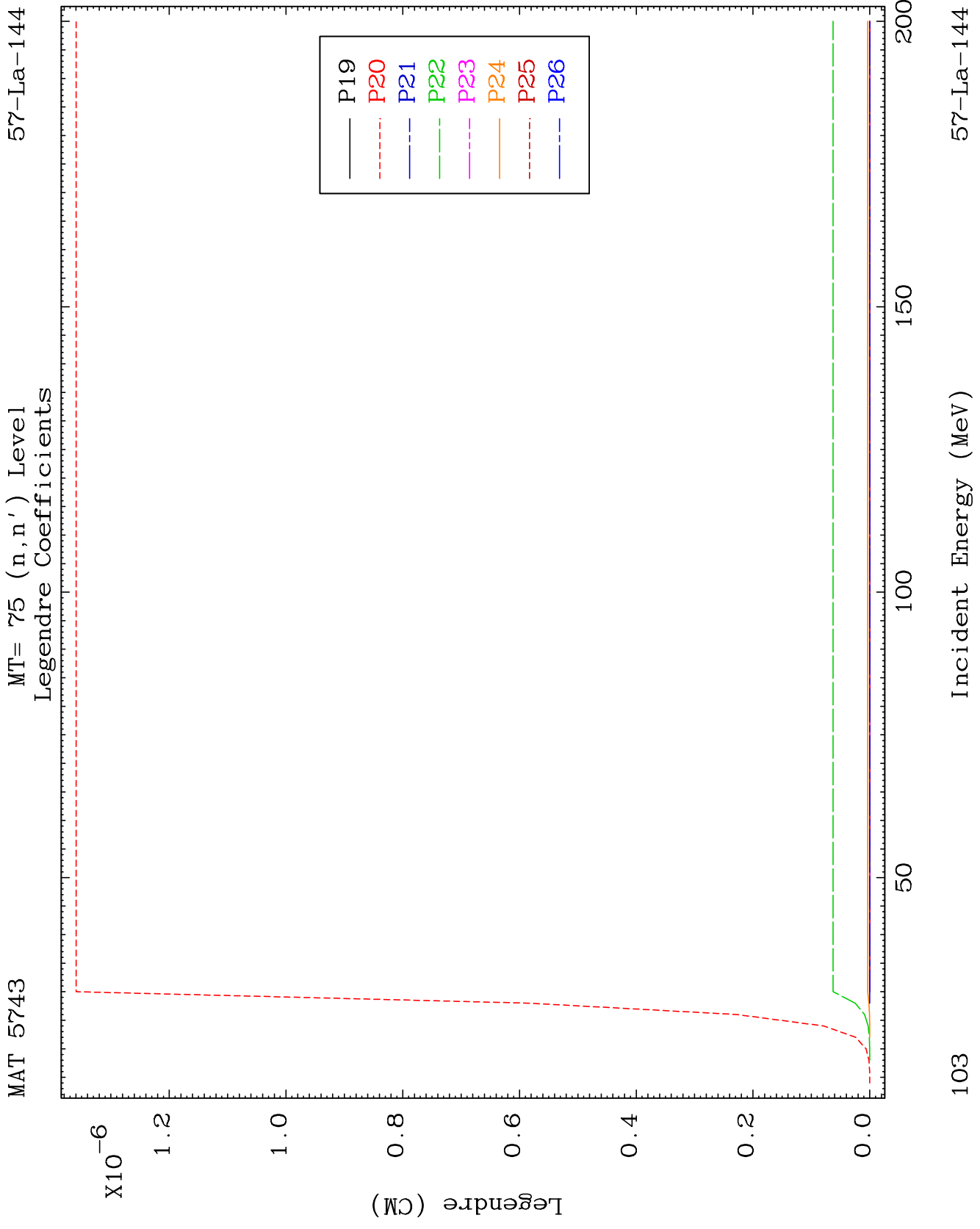
57-La-144



102

Incident Energy (MeV)

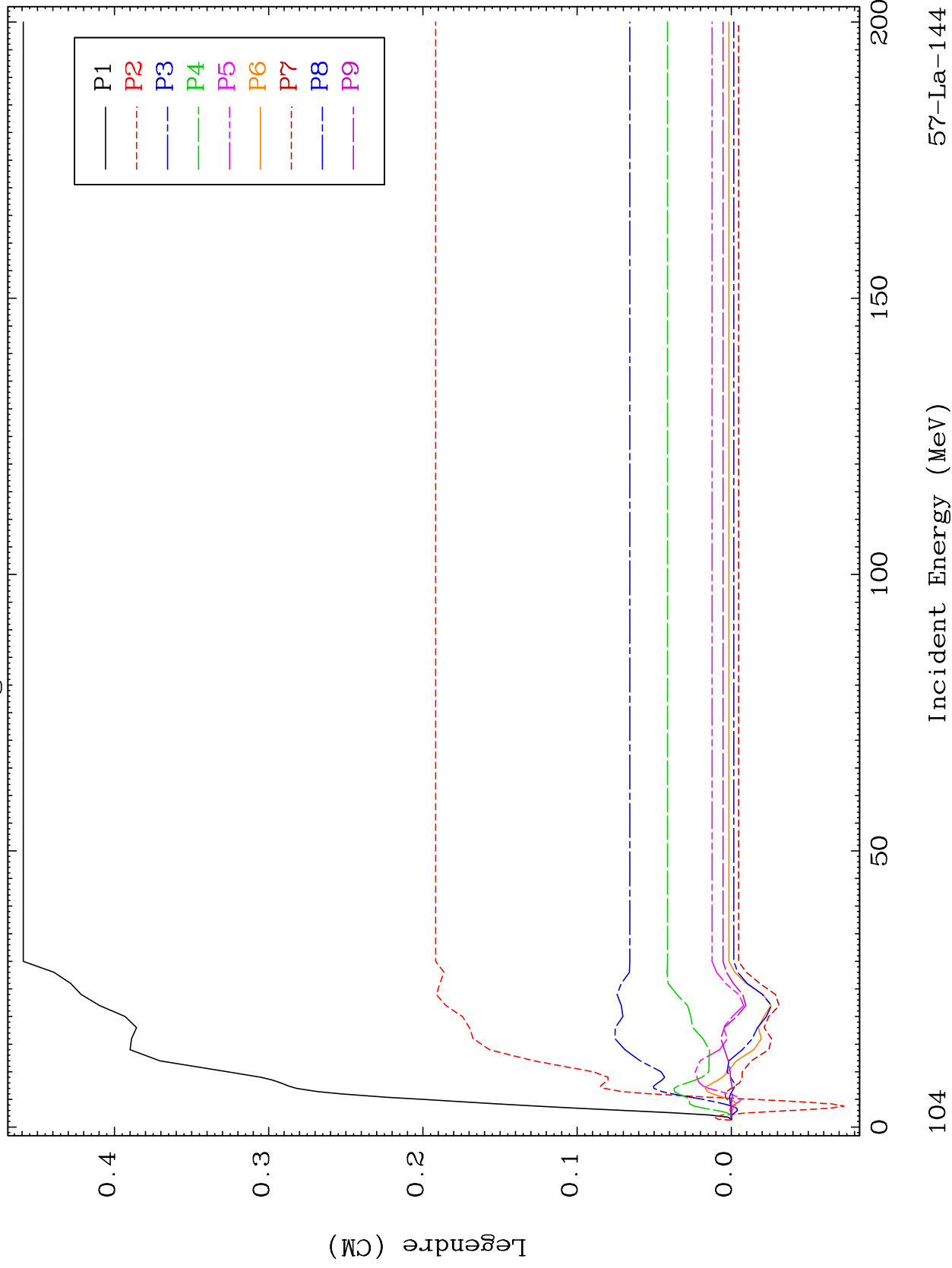
57-La-144



MAT 5743

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

57-La-144



57-La-144

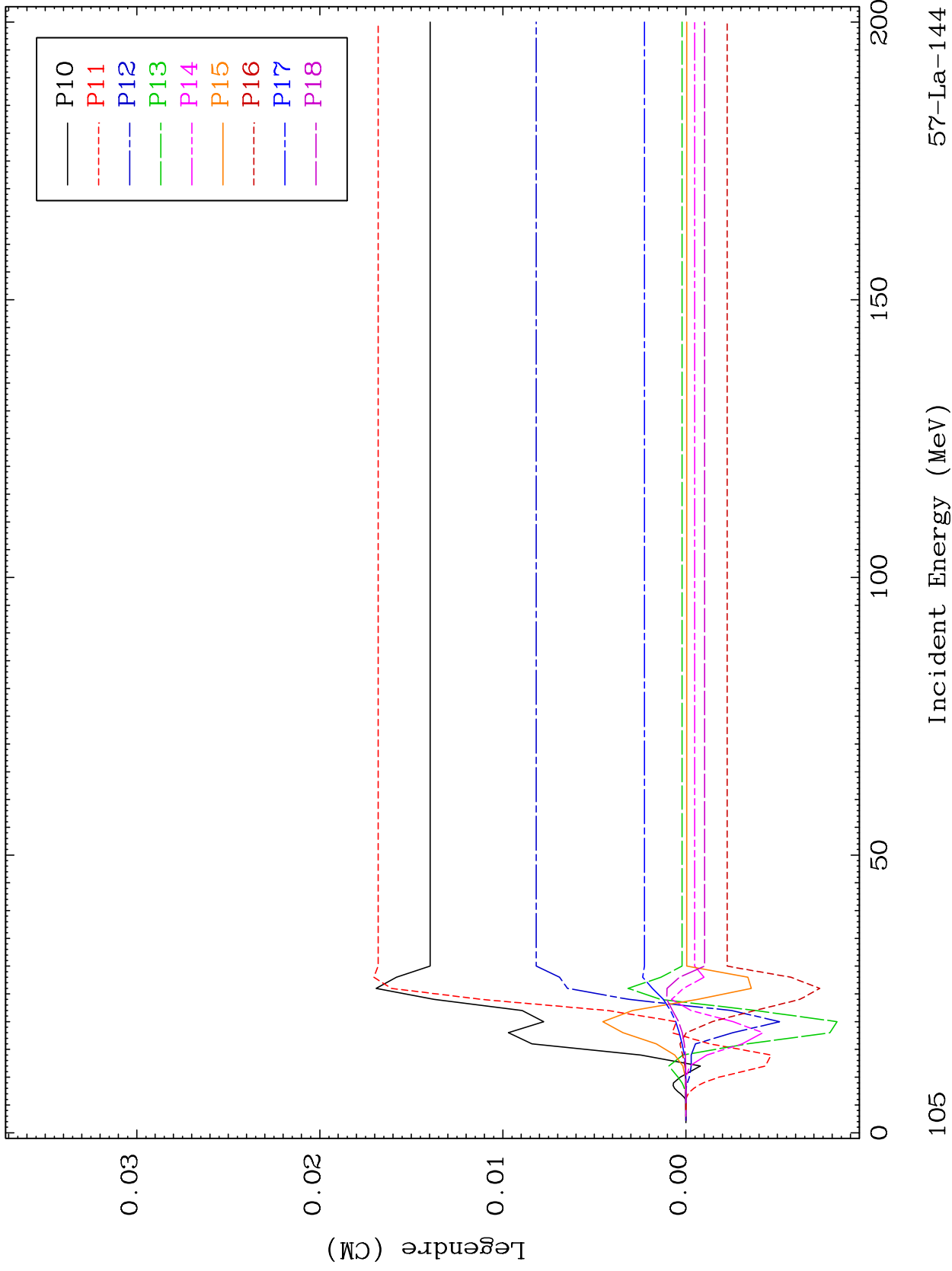
Incident Energy (MeV)

104

MAT 5743

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

57-La-144



57-La-144

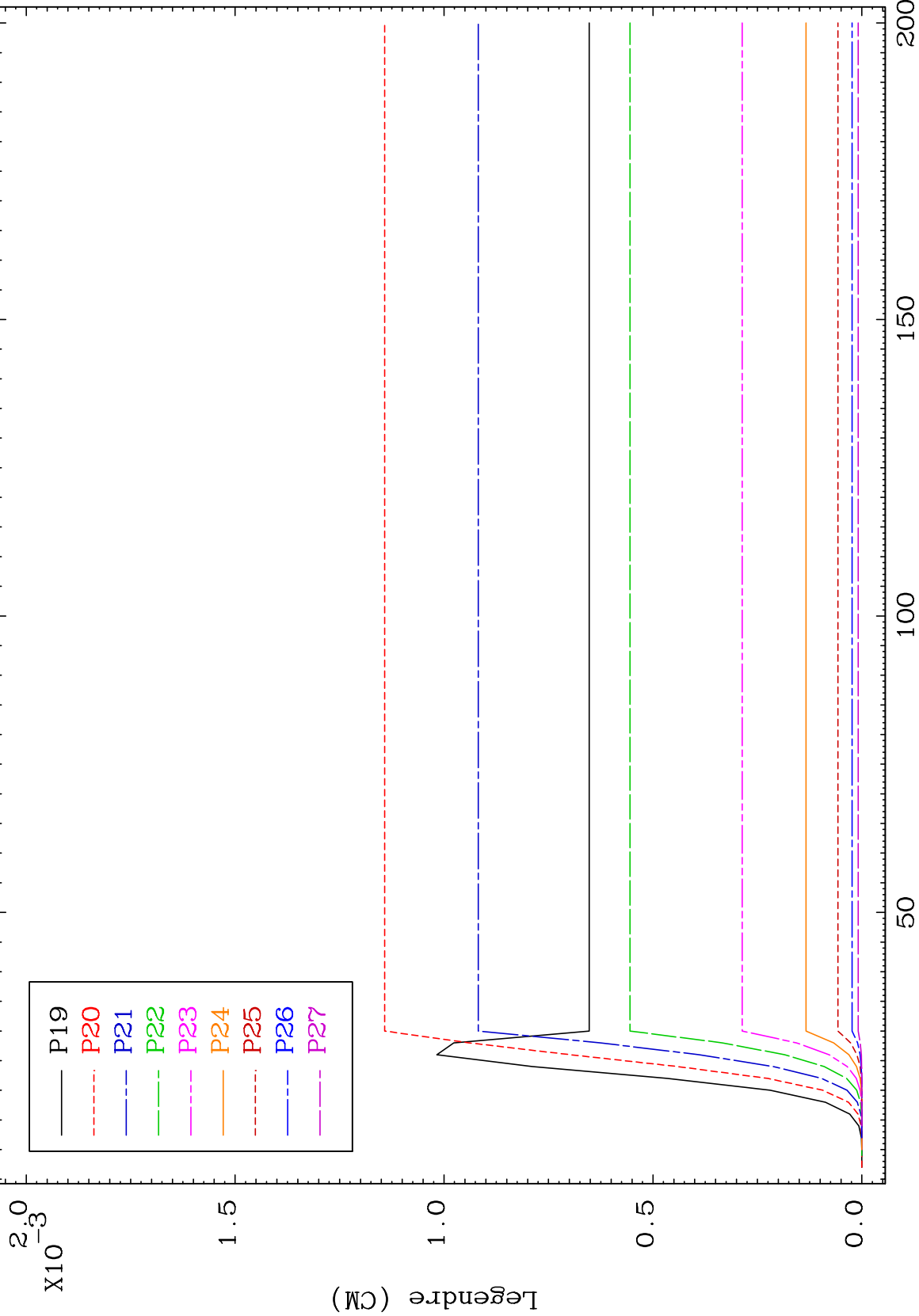
Incident Energy (MeV)

105

MAT 5743

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

57-La-144



106

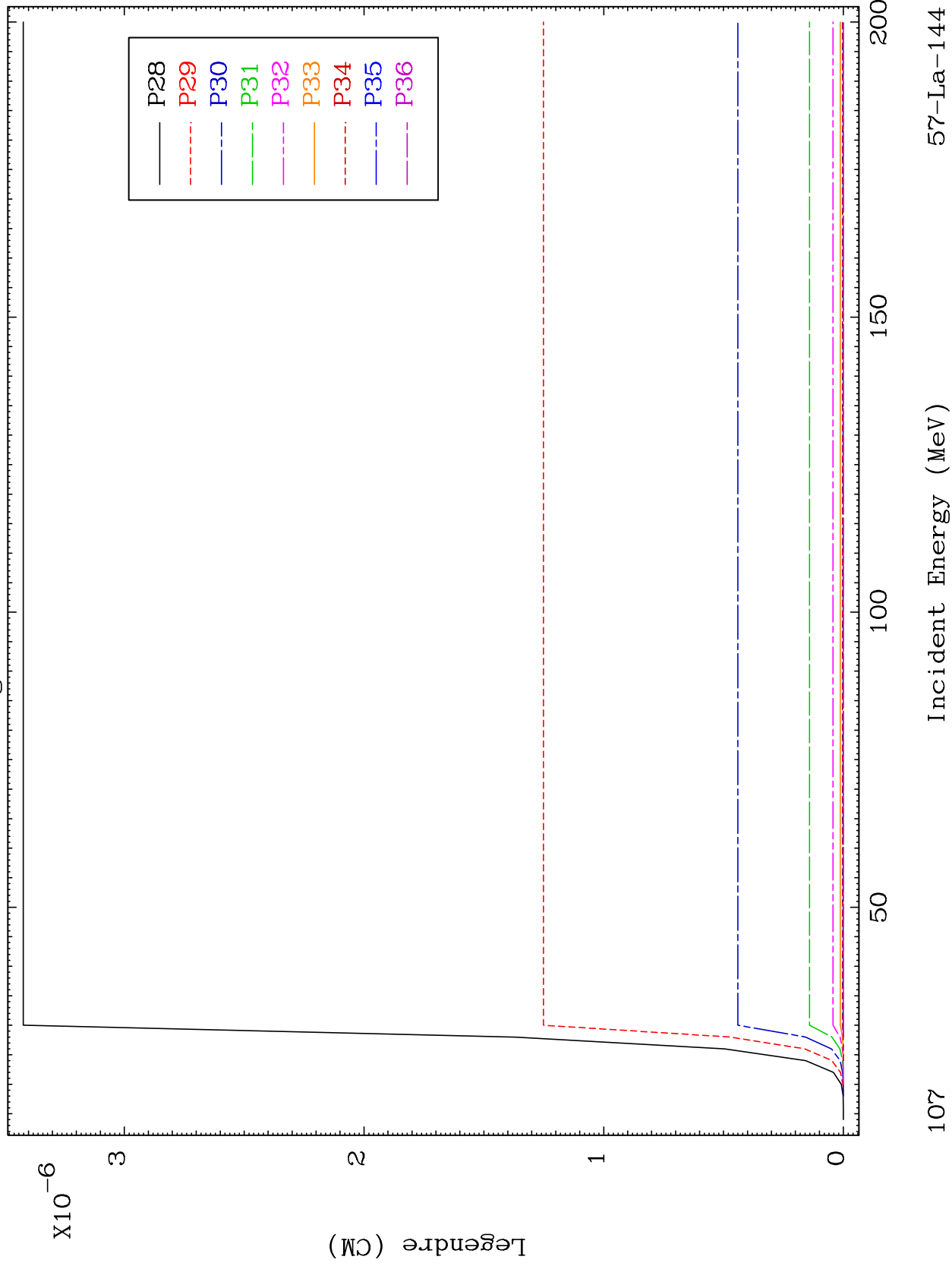
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144

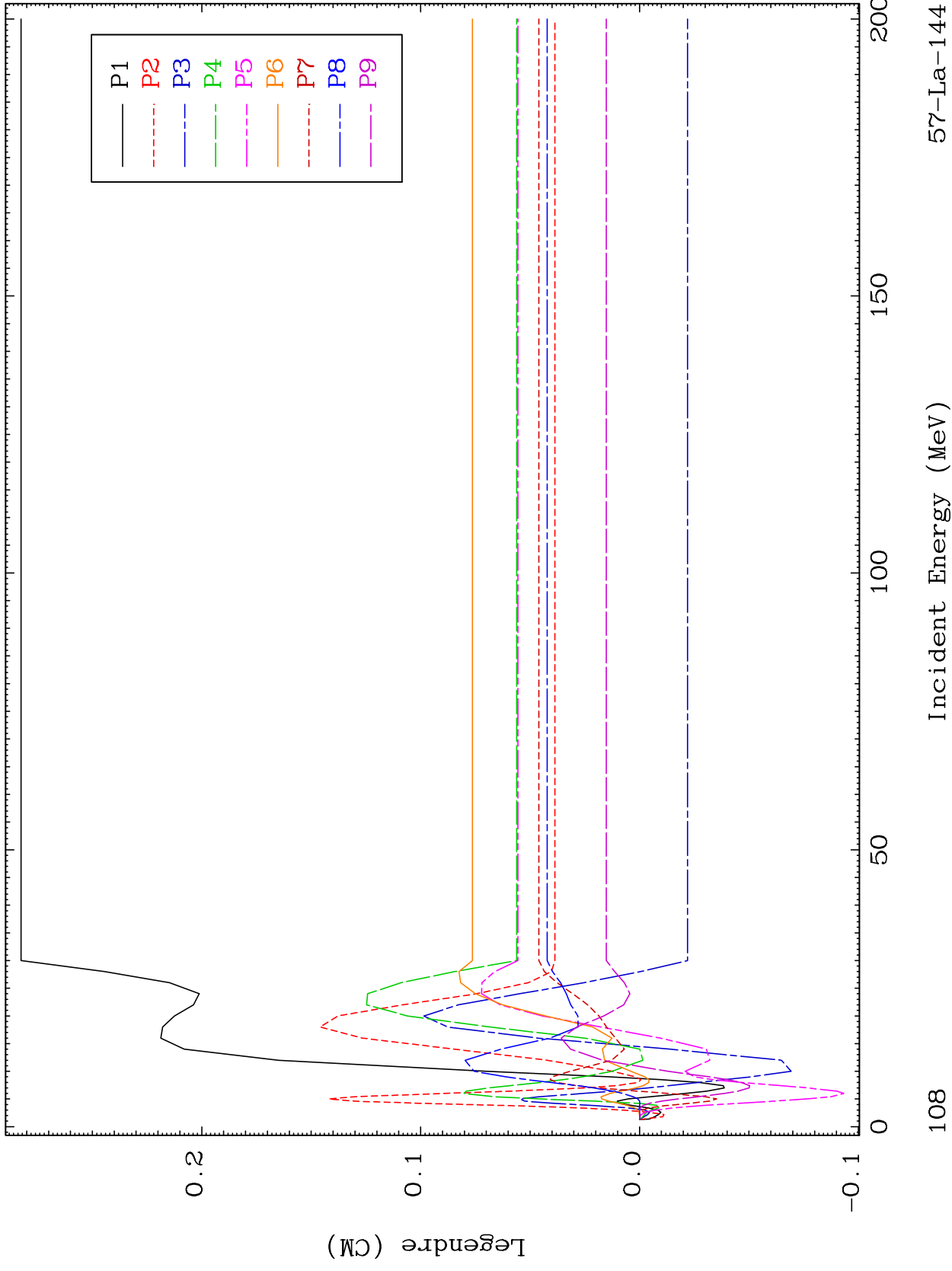


107

MAT 5743

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

57-La-144



57-La-144

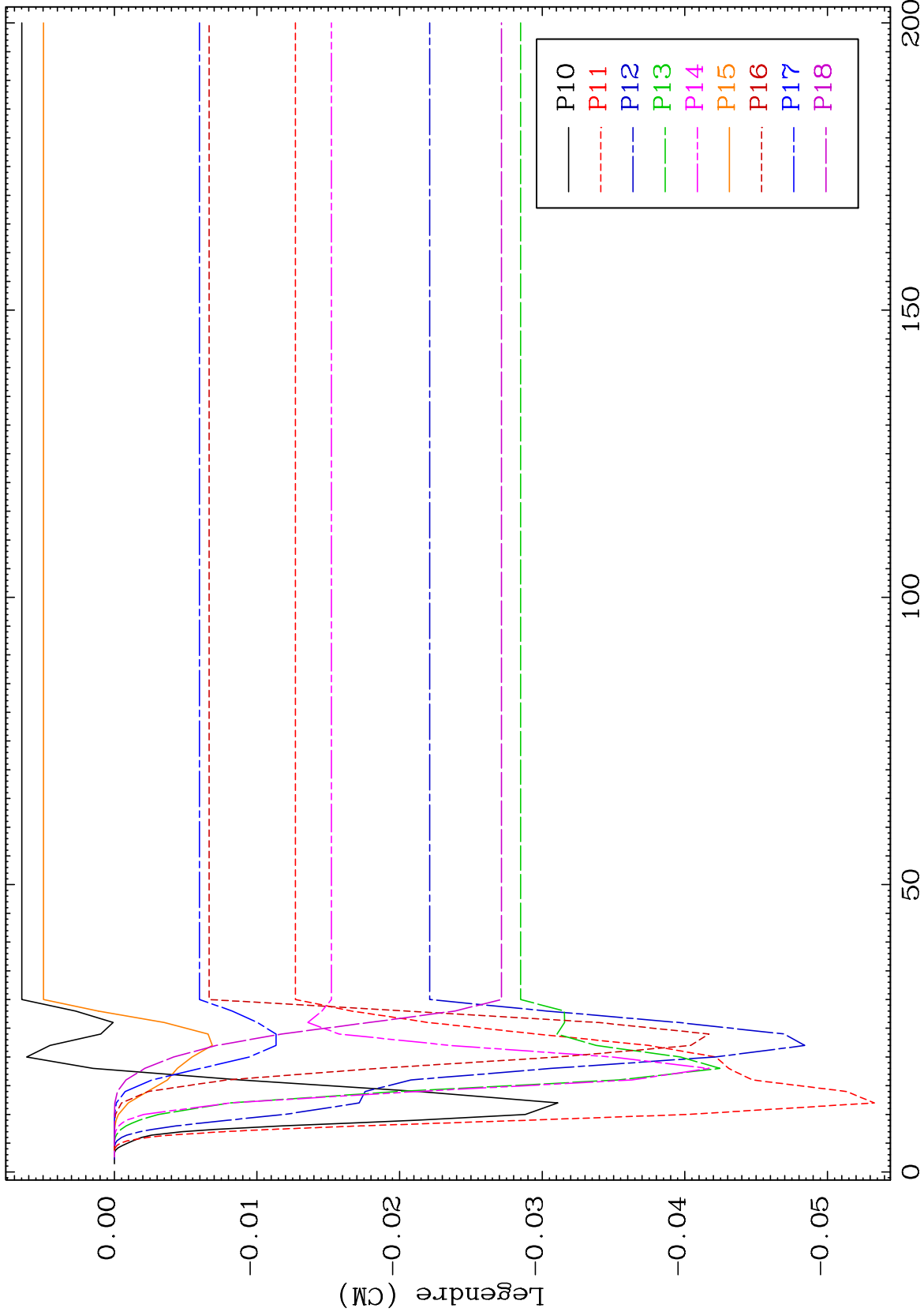
Incident Energy (MeV)

108

MAT 5743

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

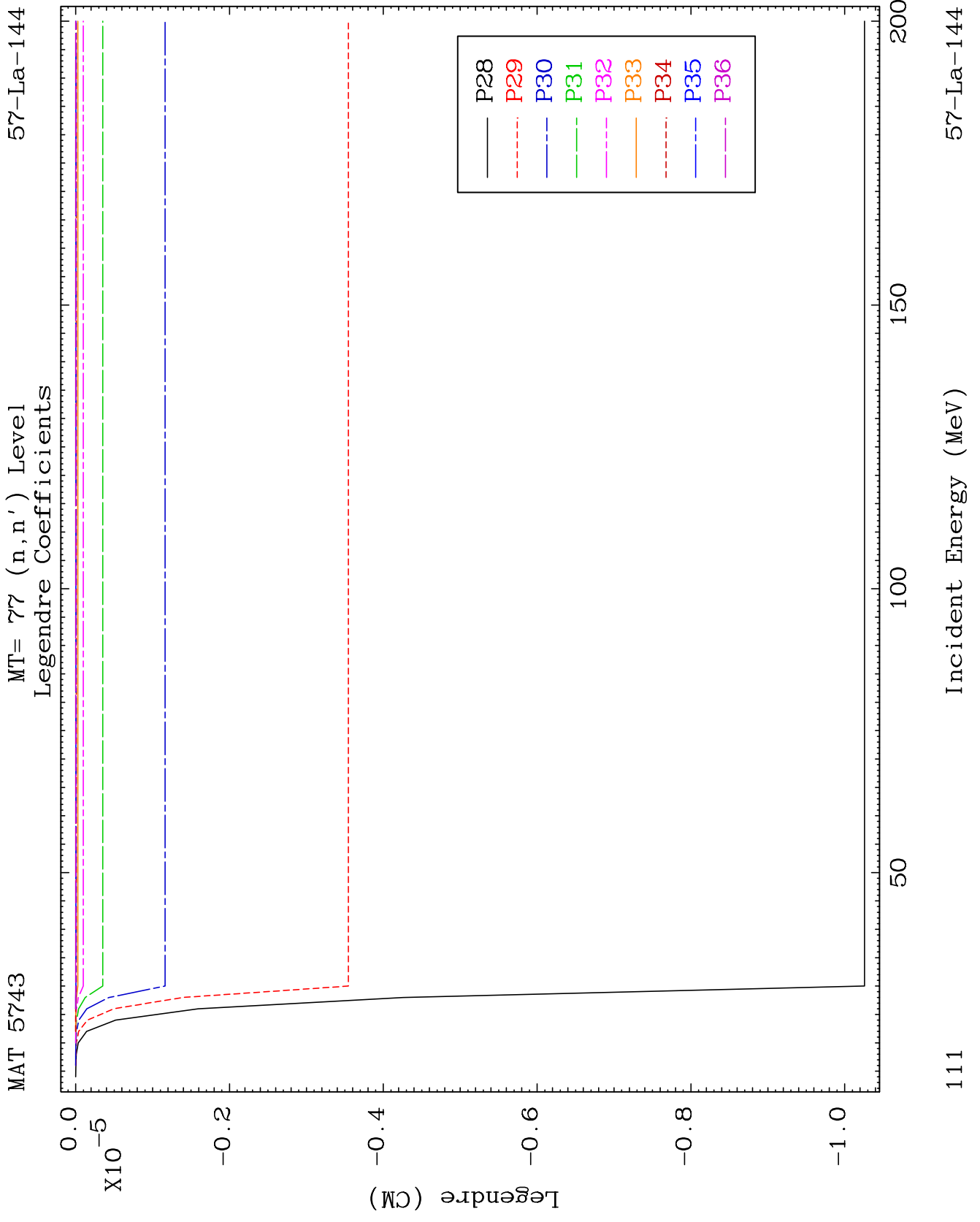
57-La-144



109

Incident Energy (MeV)

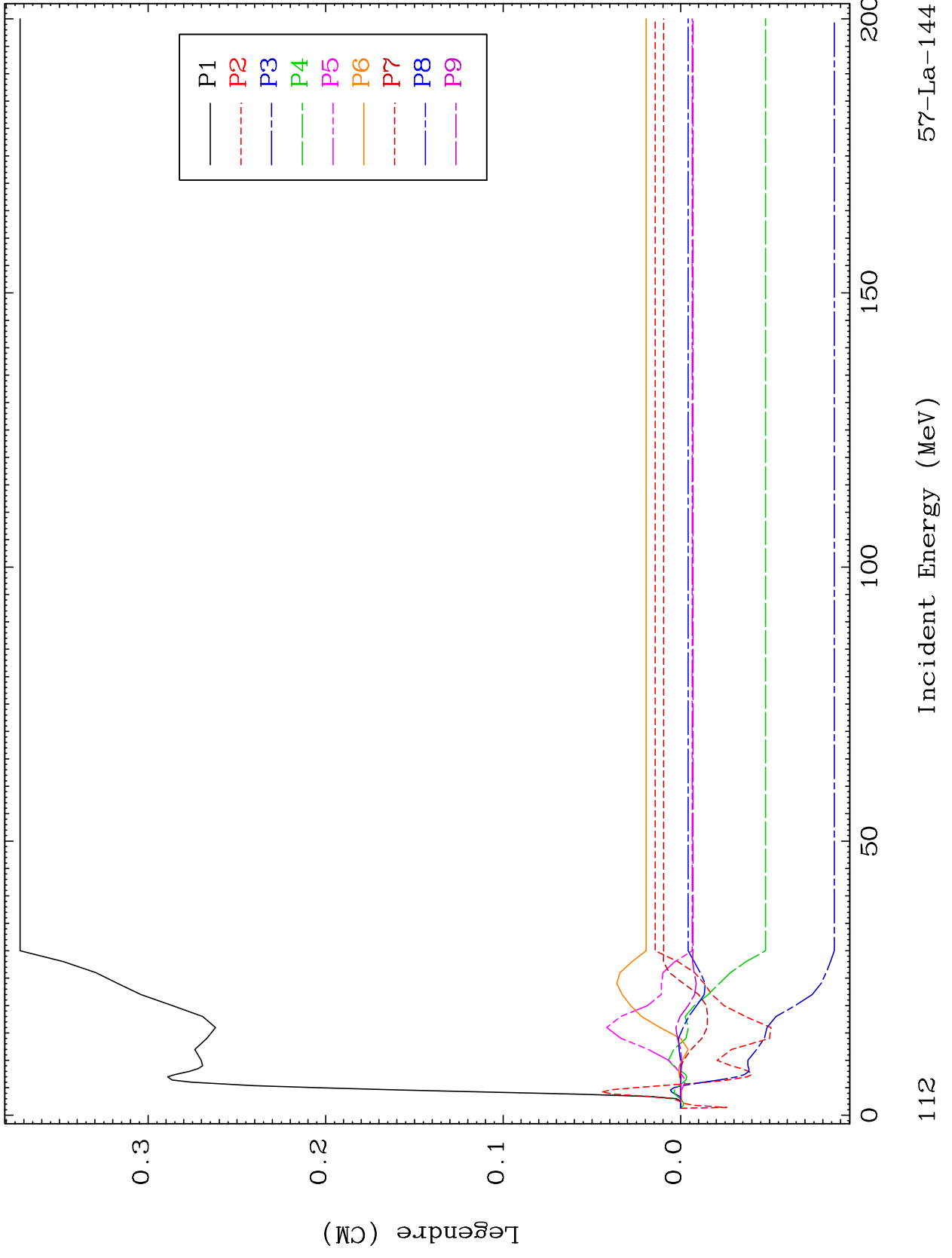
57-La-144



MAT 5743

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

57-La-144



112

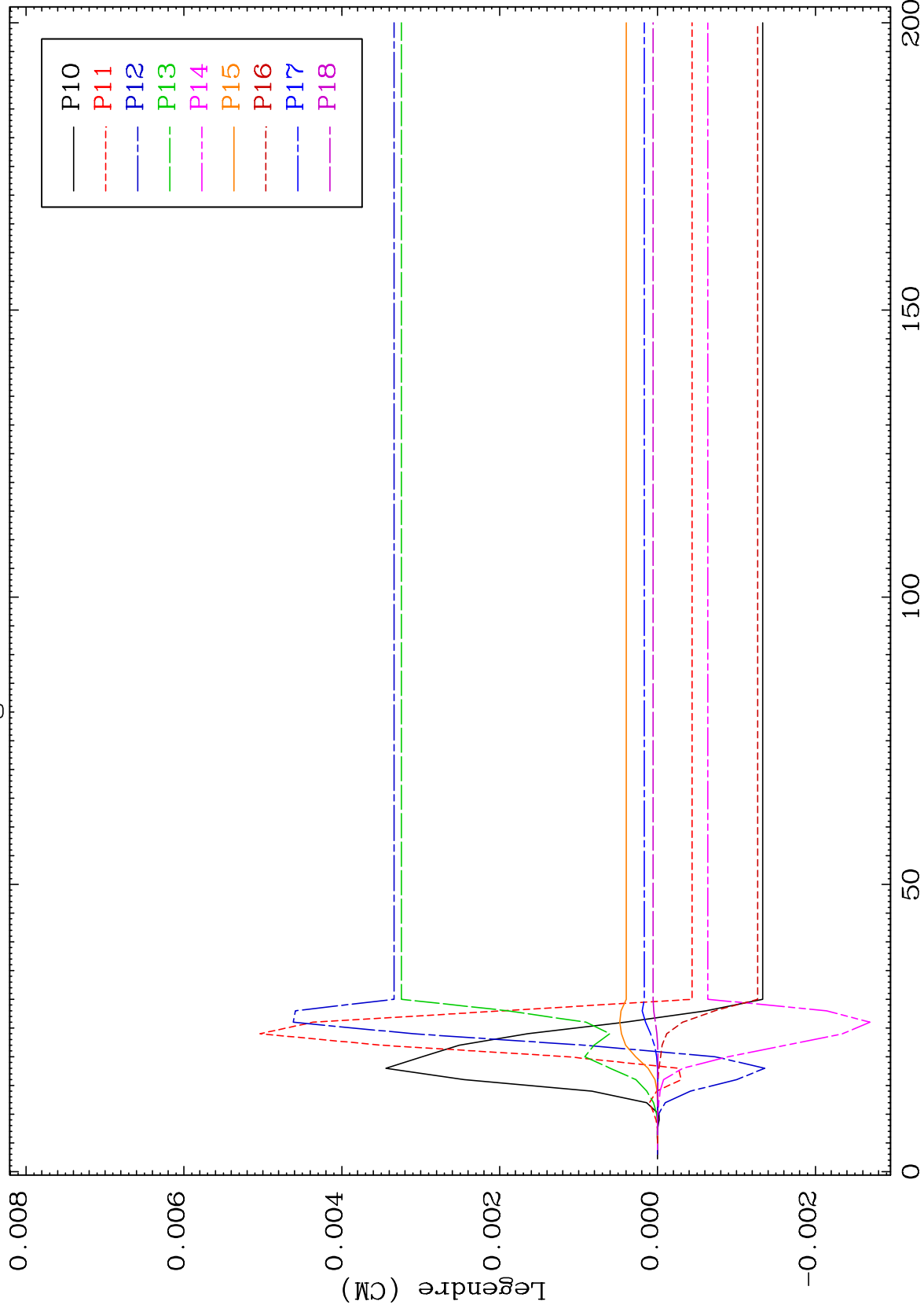
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



113

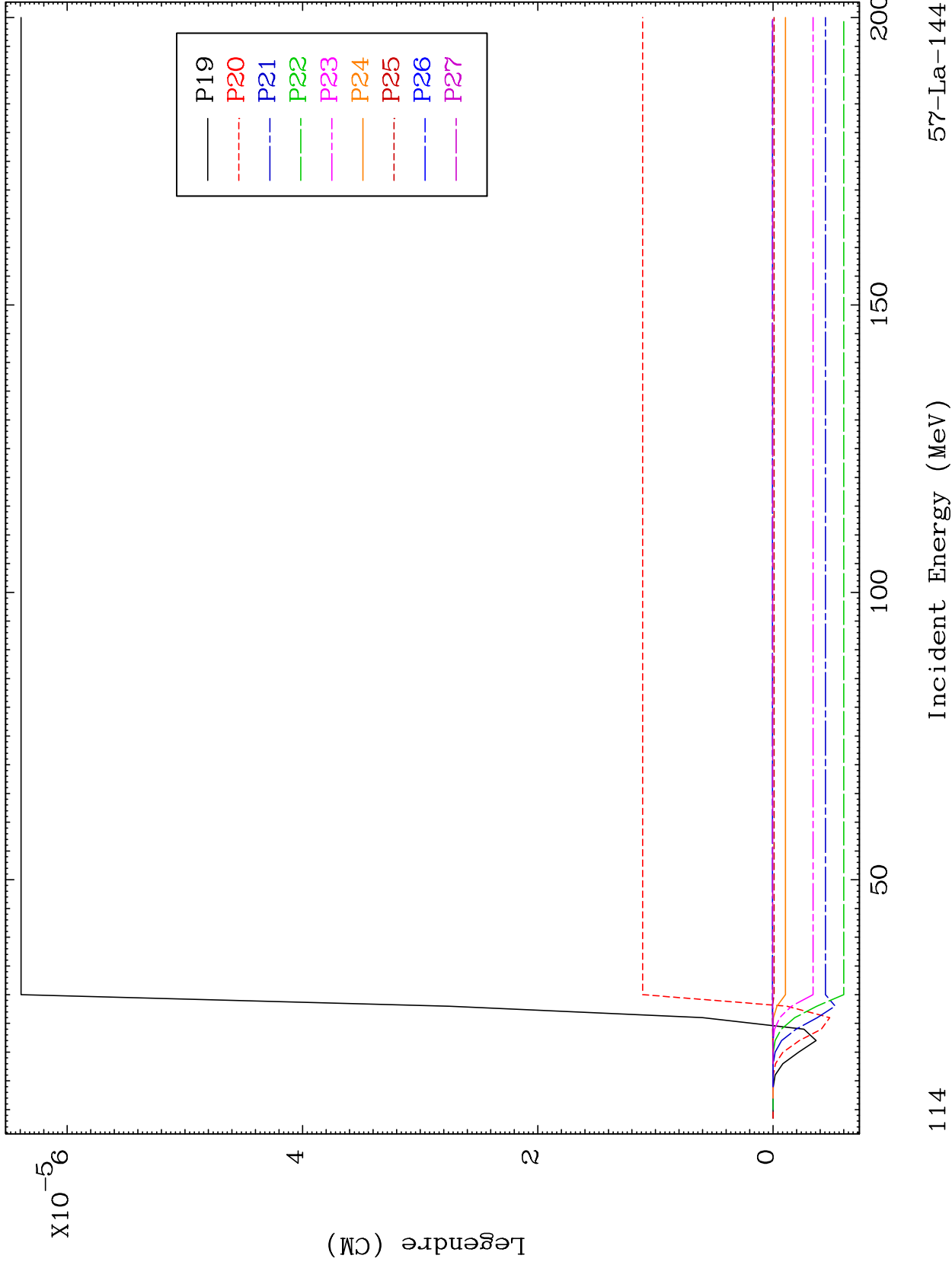
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



114

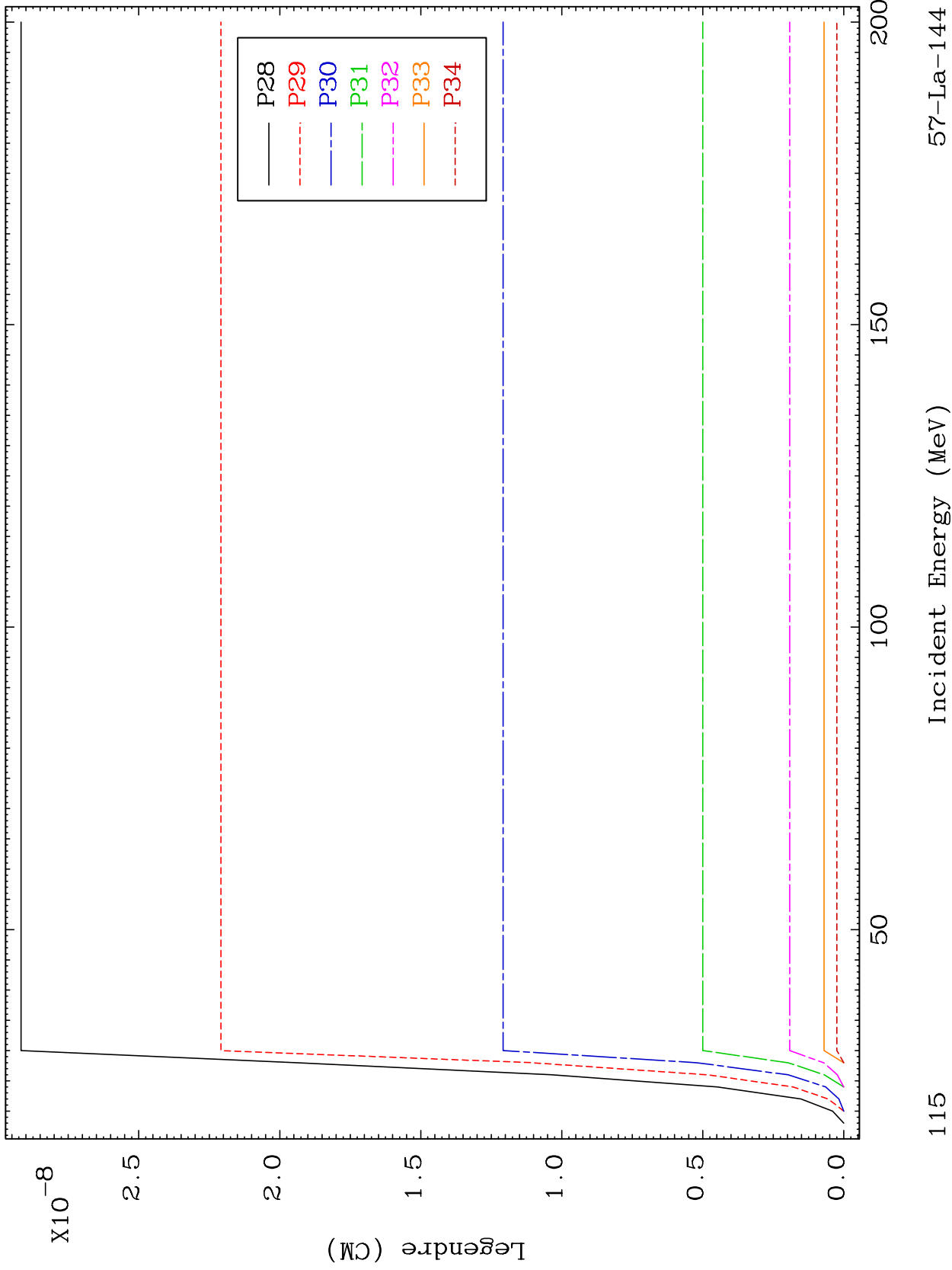
Incident Energy (MeV)

57-La-144

MAT 5743

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

57-La-144



115

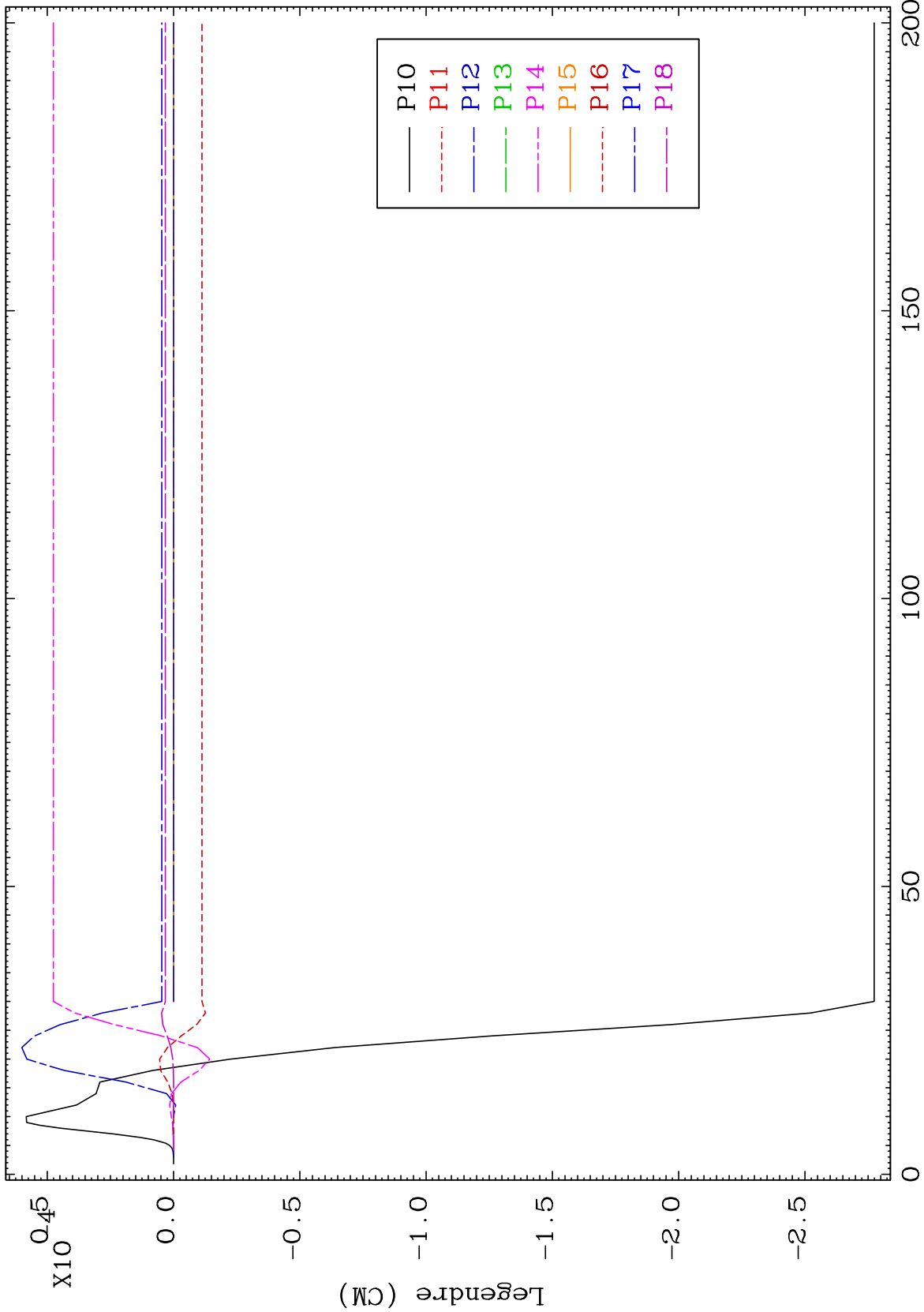
Incident Energy (MeV)

57-La-144

MAT 5743

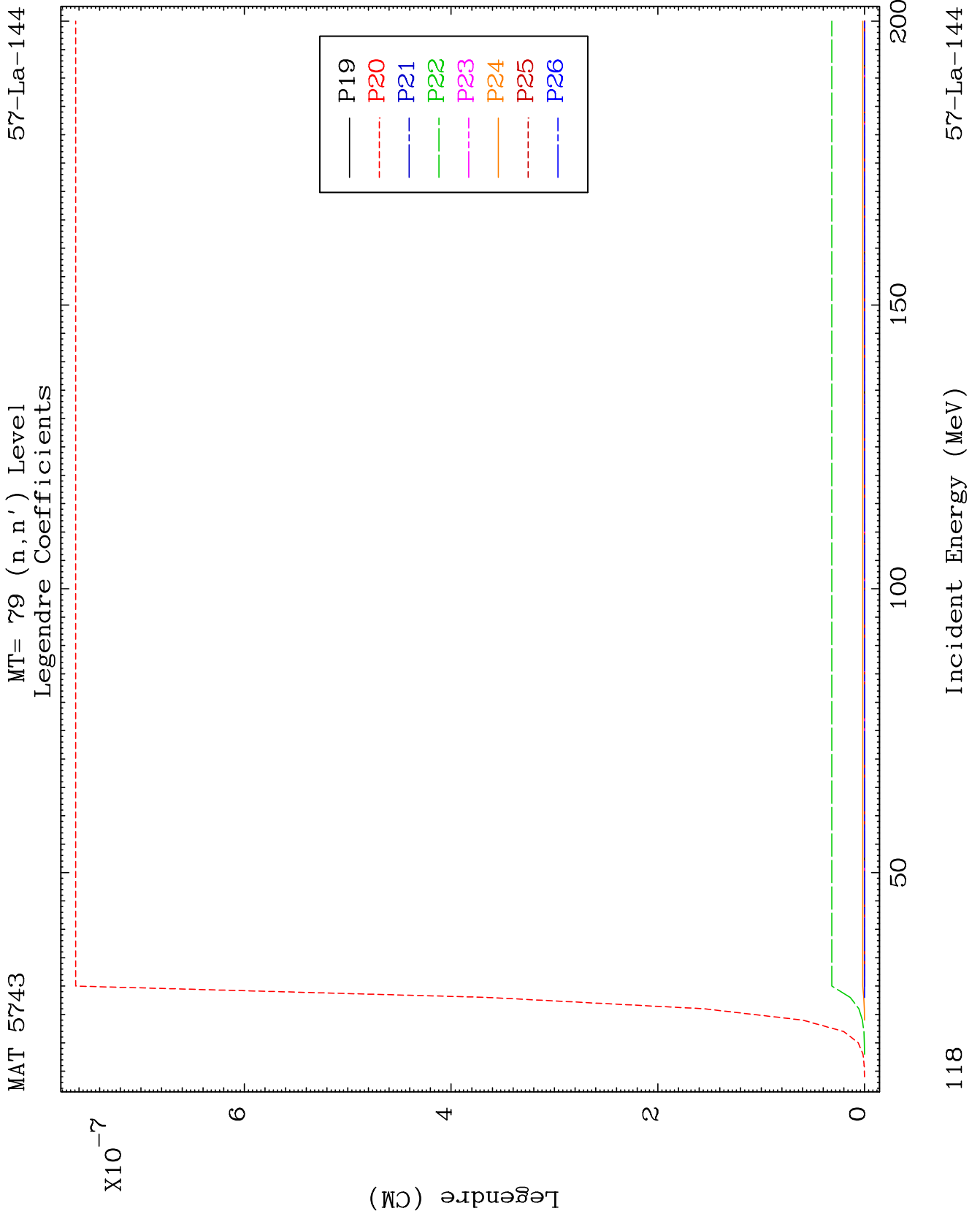
MT= 79 (n,n') Level
Legendre Coefficients

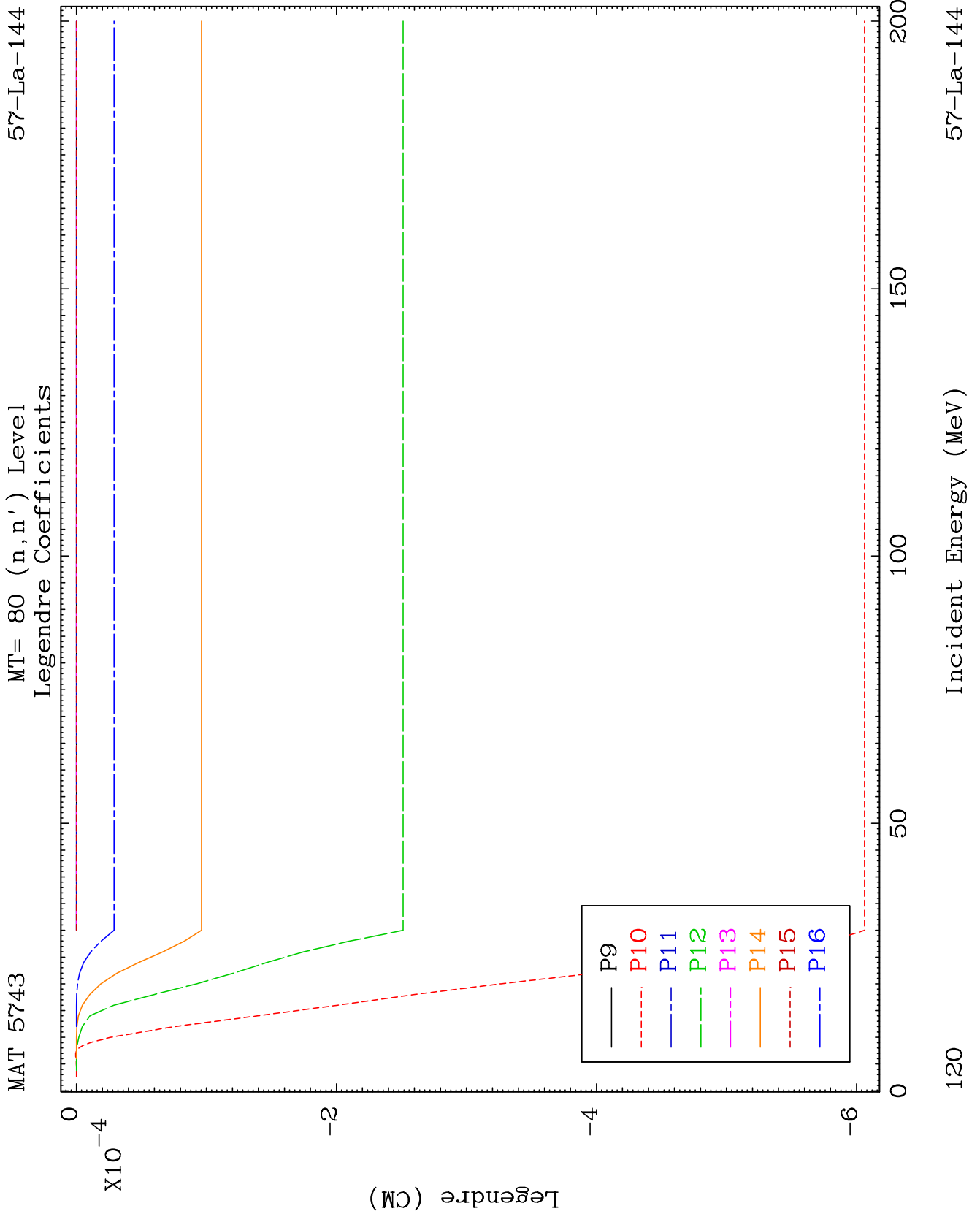
57-La-144

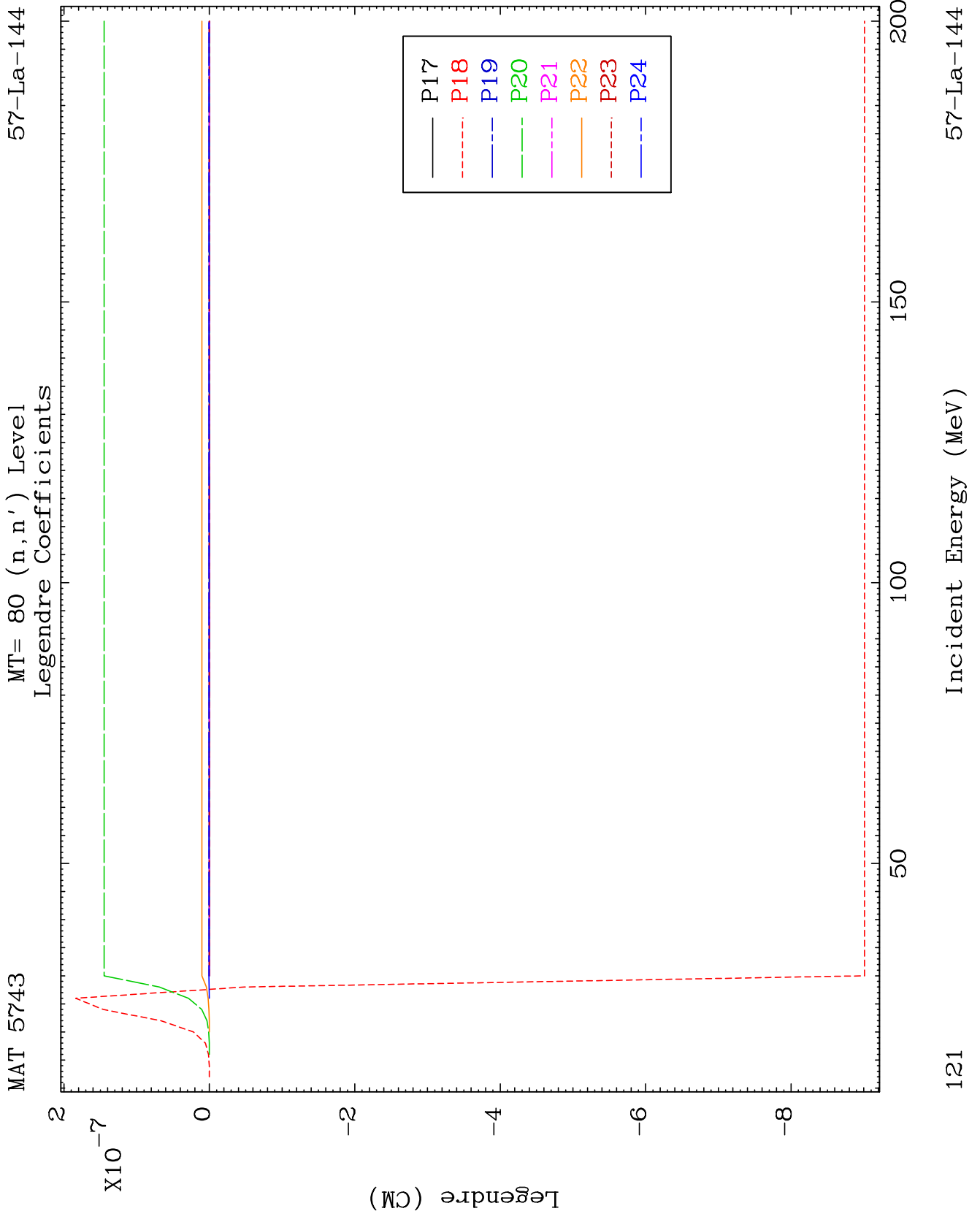


117

57-La-144





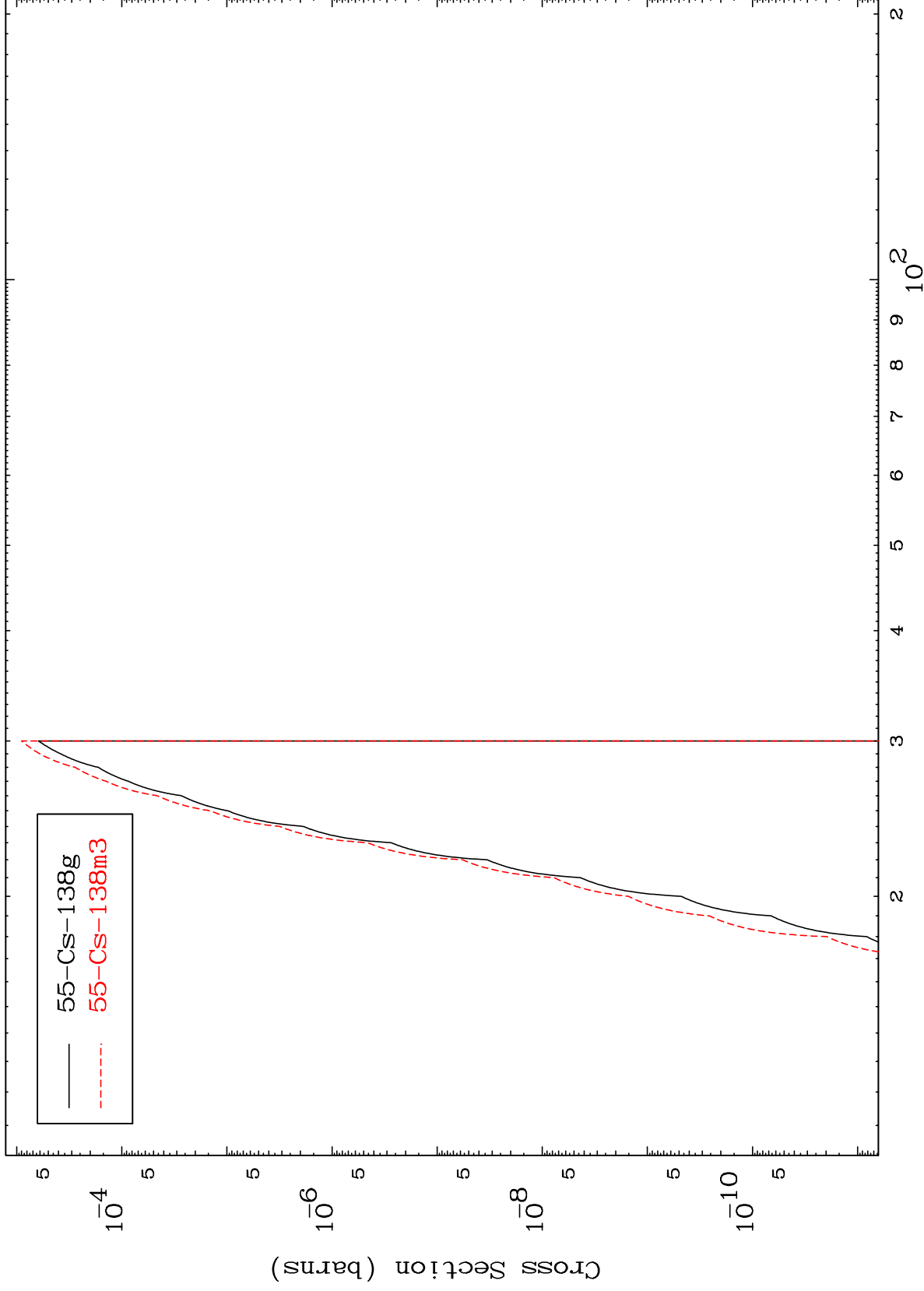


MAT 5743

(n,3n) α

57-La-144

Radionuclide Production Cross Section



122

Incident Energy (MeV)

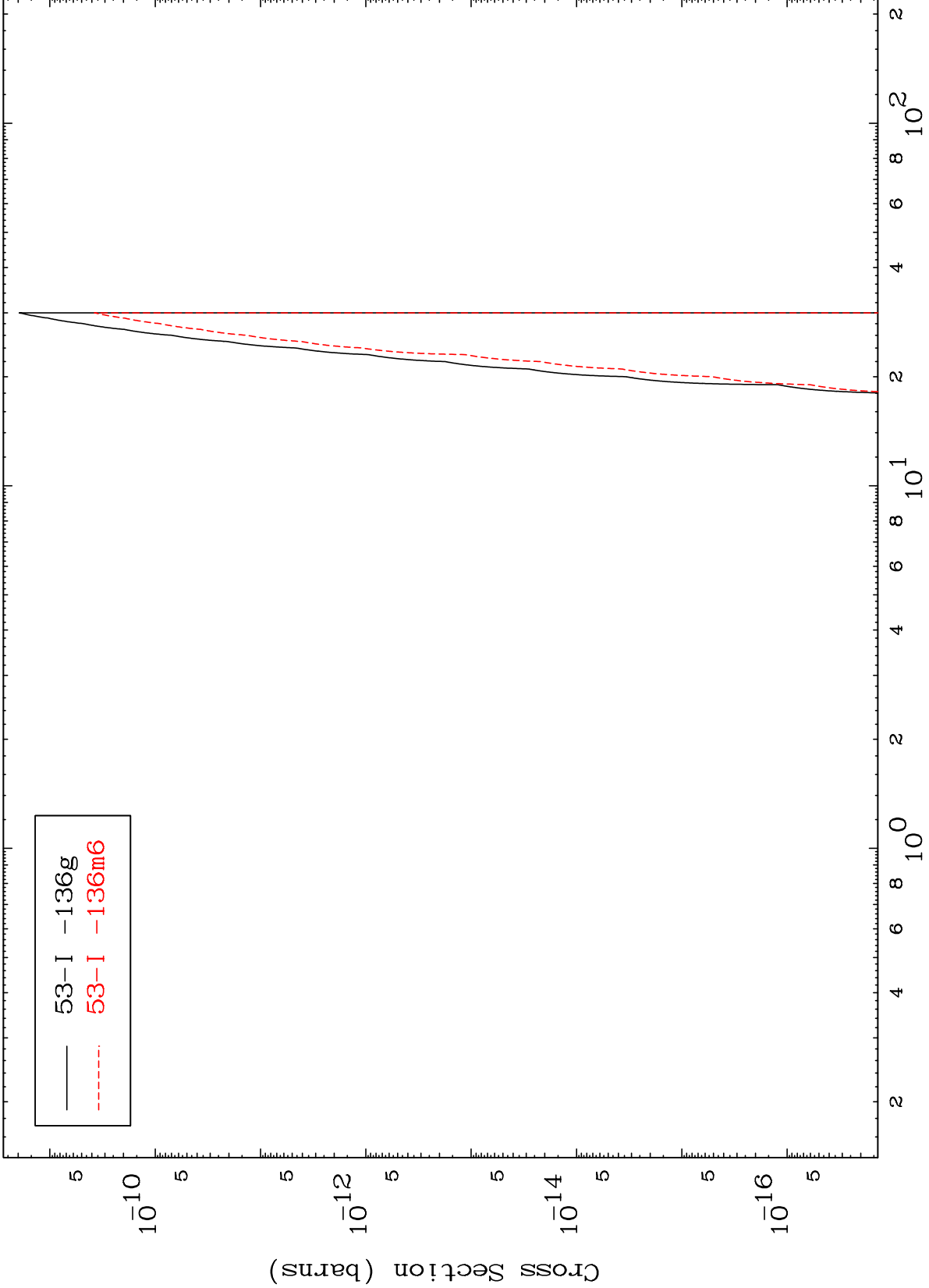
57-La-144

MAT 5743

(n,n') 2 α

57-La-144

Radionuclide Production Cross Section



123

Incident Energy (MeV)

57-La-144