

Program EVALPLOT
(Version 2017-1)

by

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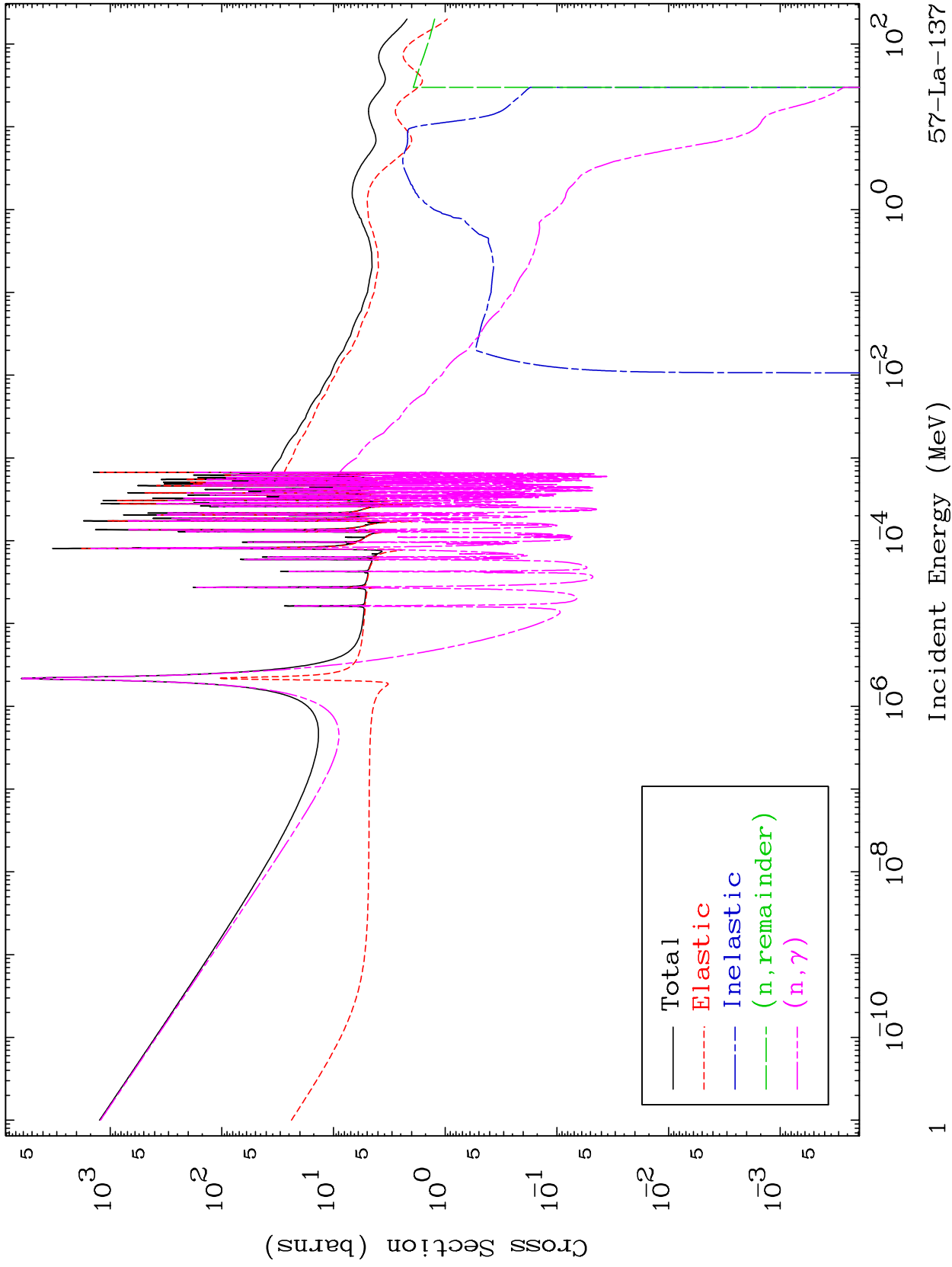
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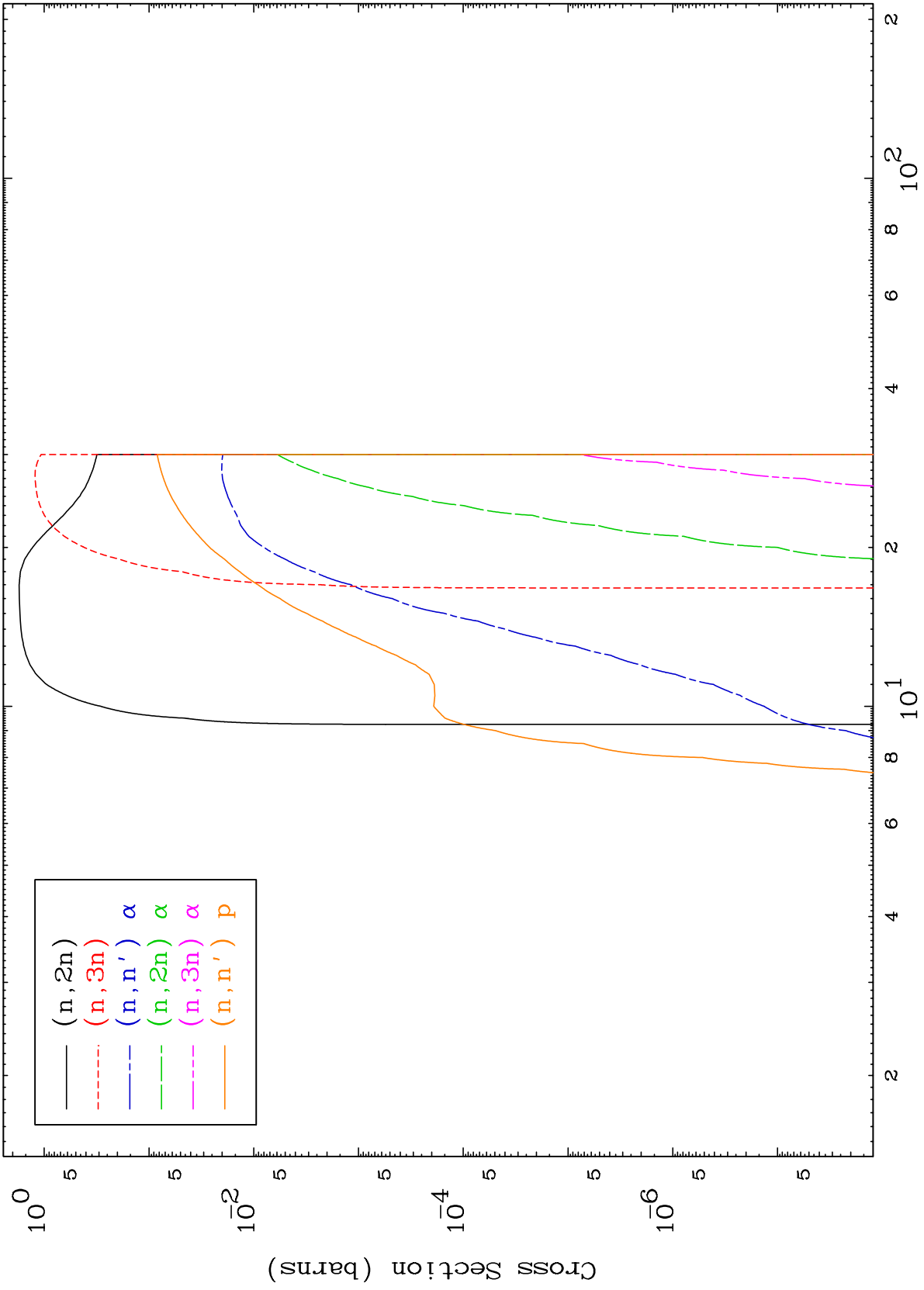
MAT 5722

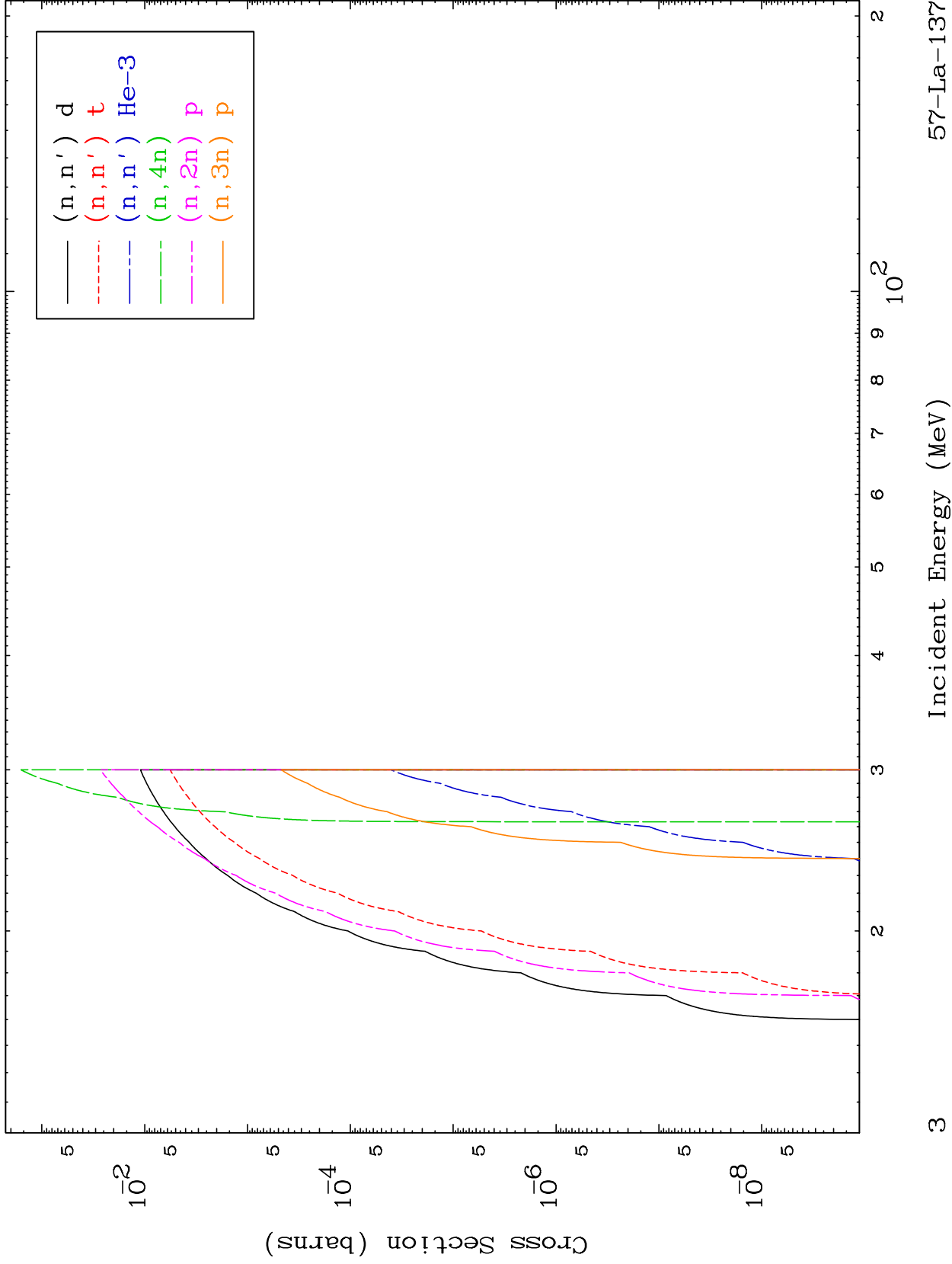
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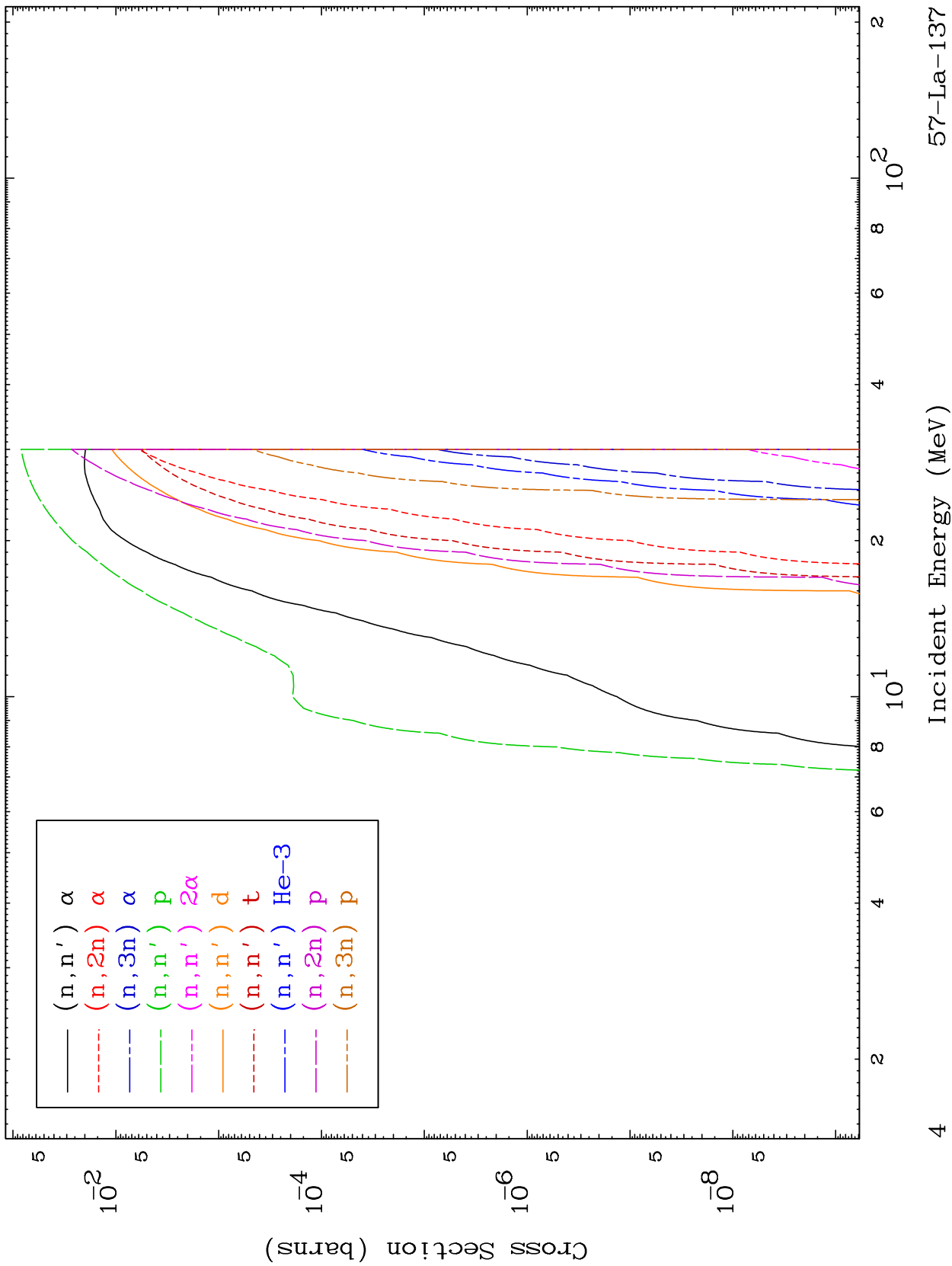
293 Kelvin Cross Sections

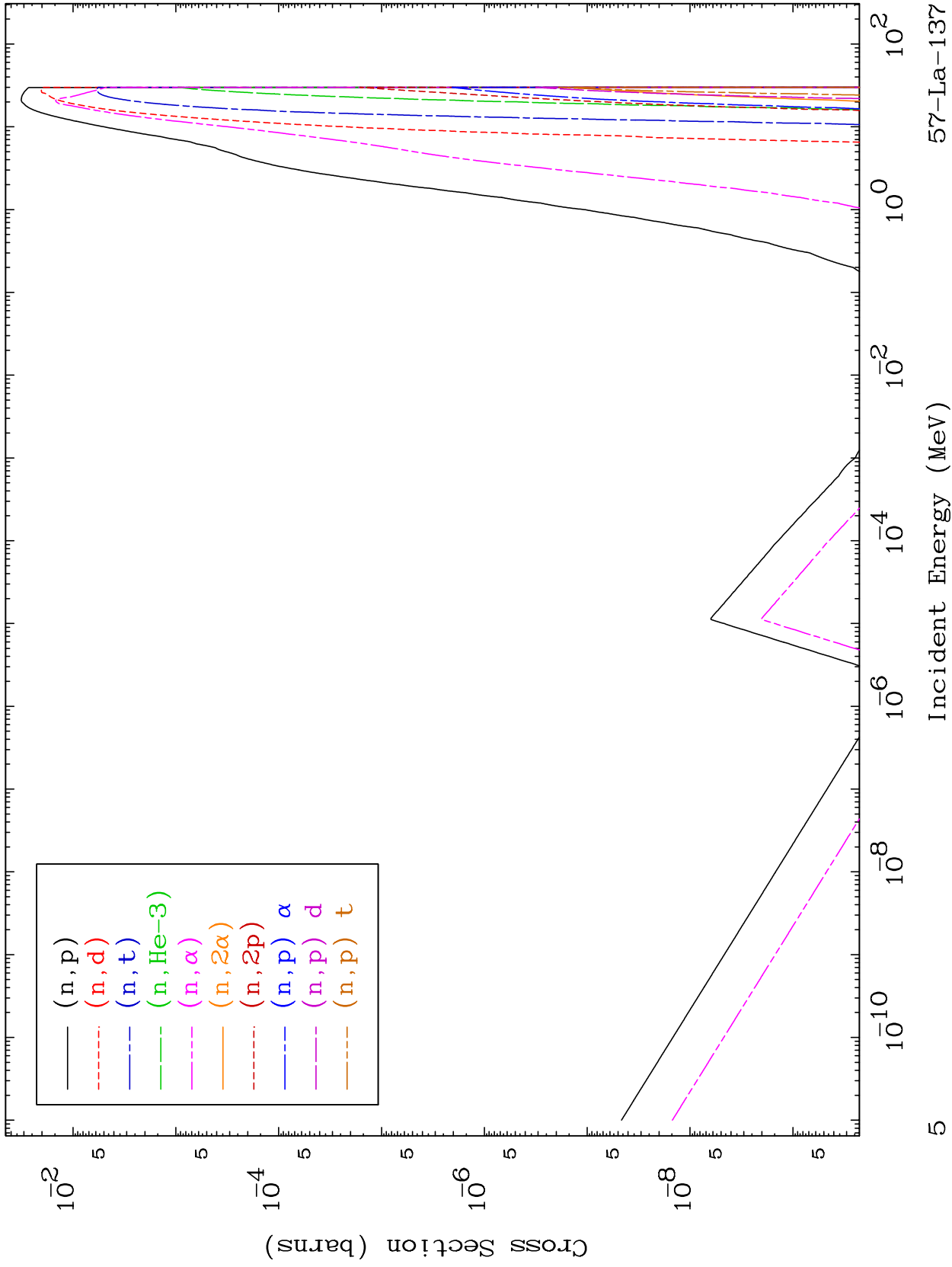
57-La-137

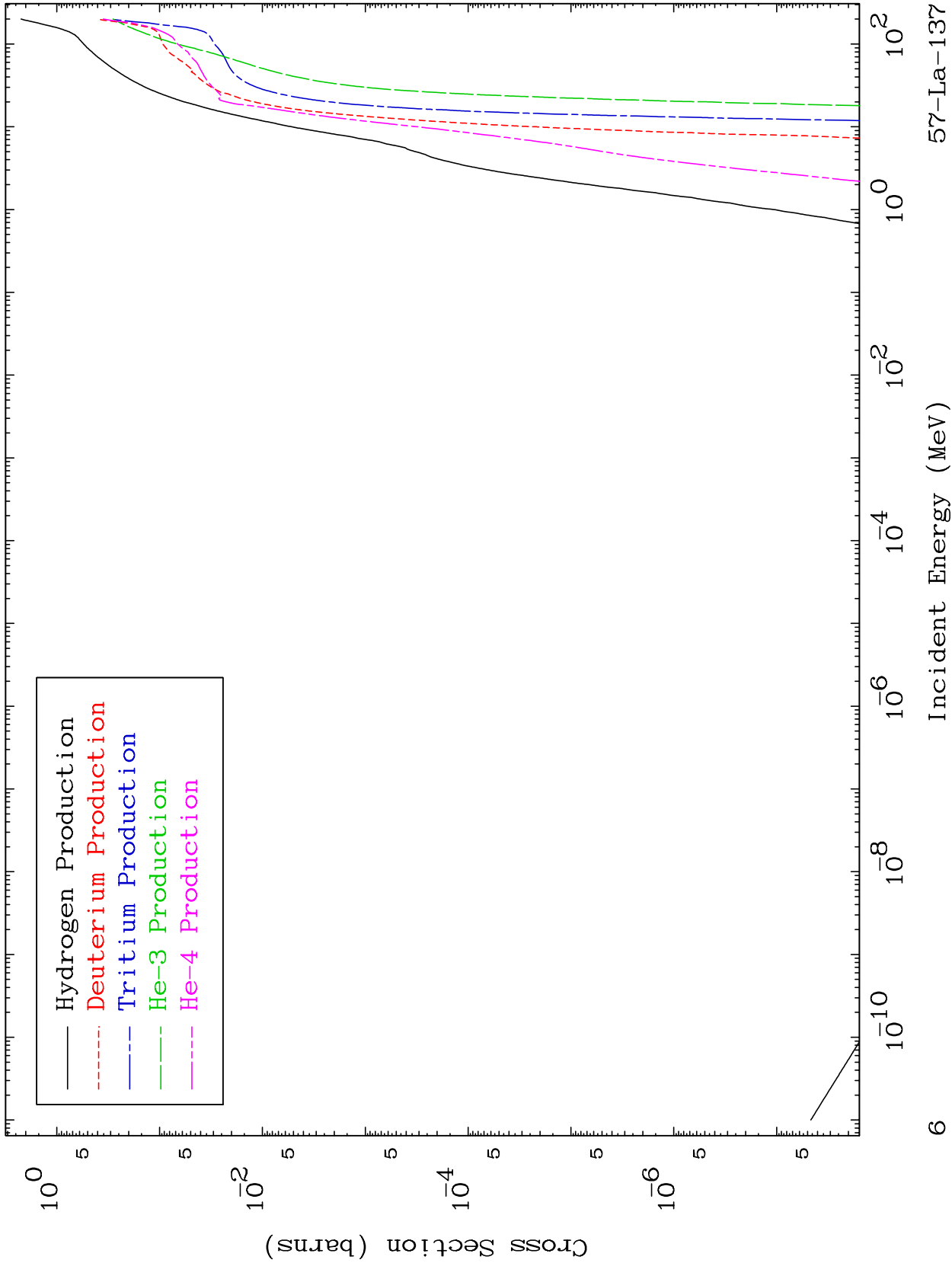








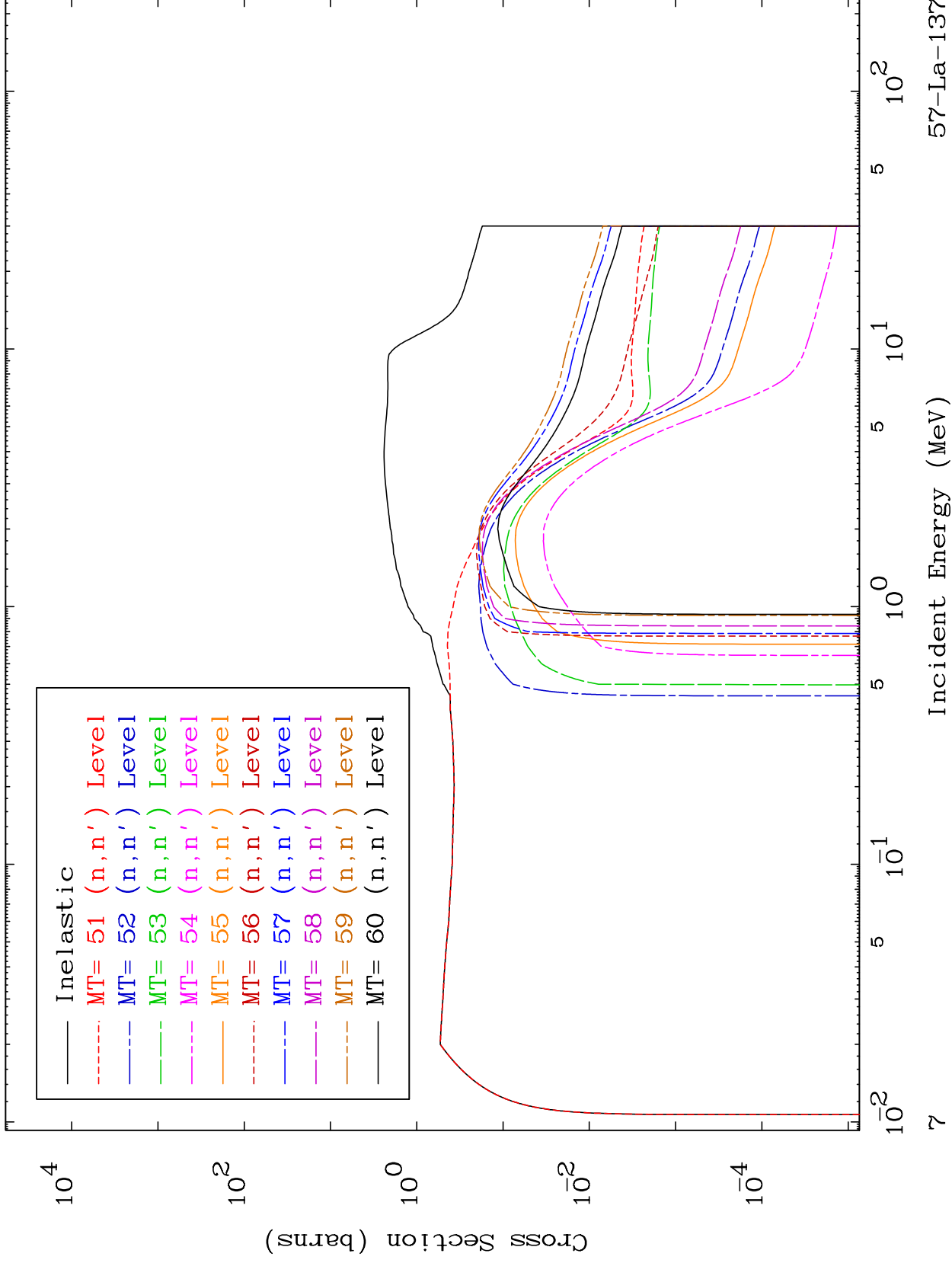




MAT 5722

(n,n') Level
293 Kelvin Cross Sections

57-La-137



Incident Energy (MeV)

57-La-137

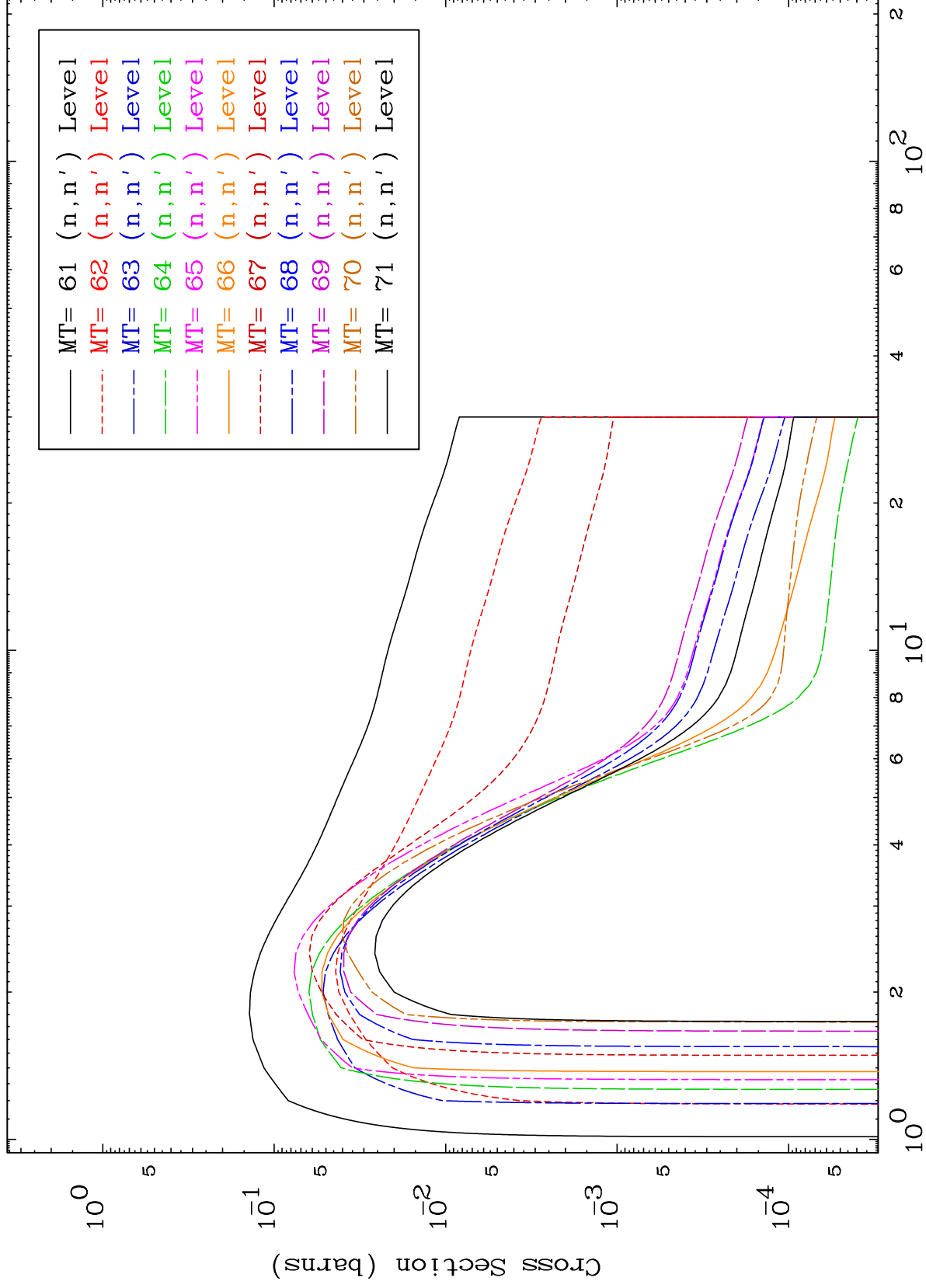
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MAT 5722

(n,n') Level

57-La-137

293 Kelvin Cross Sections



Incident Energy (MeV)

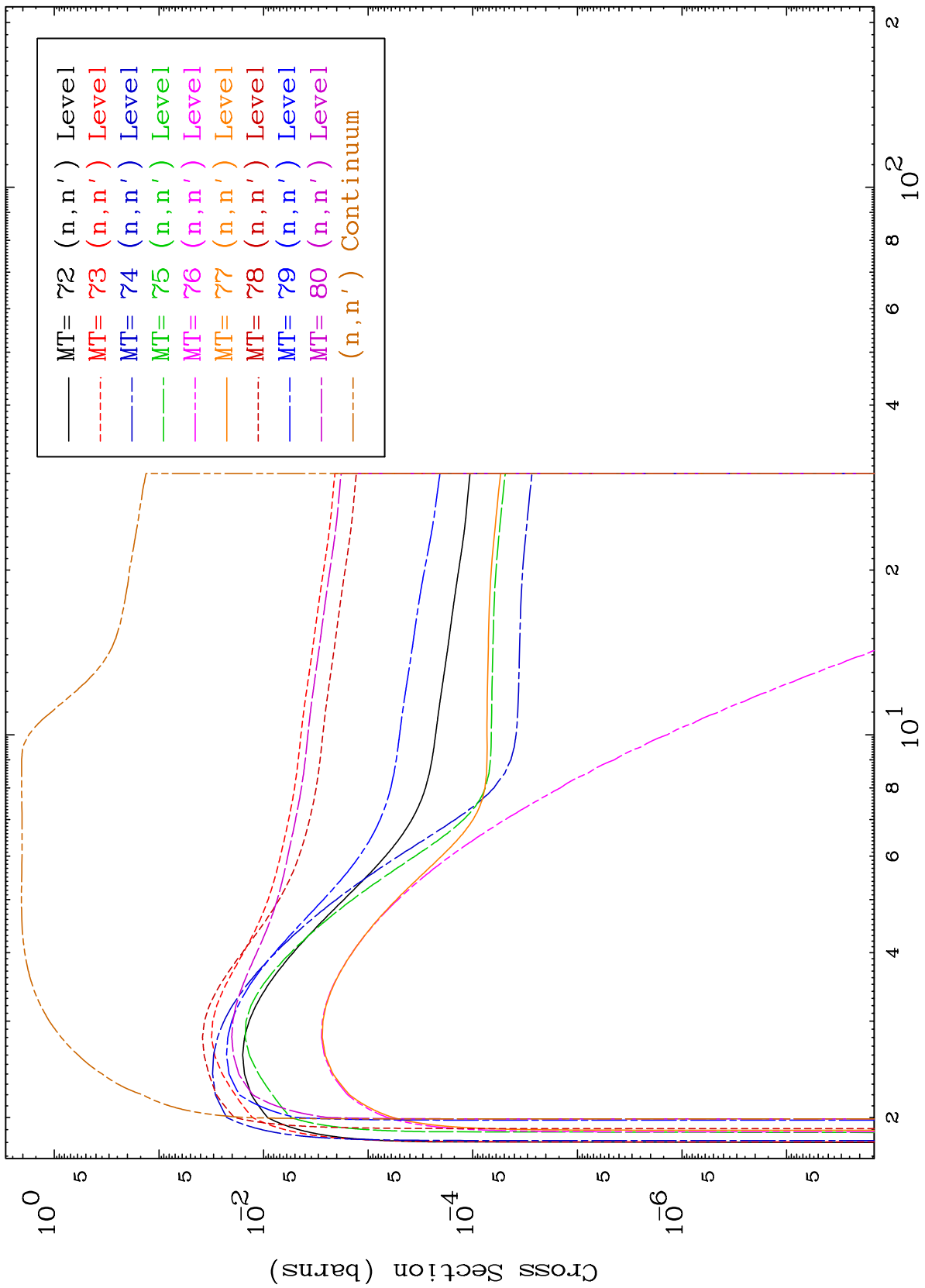
57-La-137

MAT 5722

(n,n') Level

57-La-137

293 Kelvin Cross Sections



9

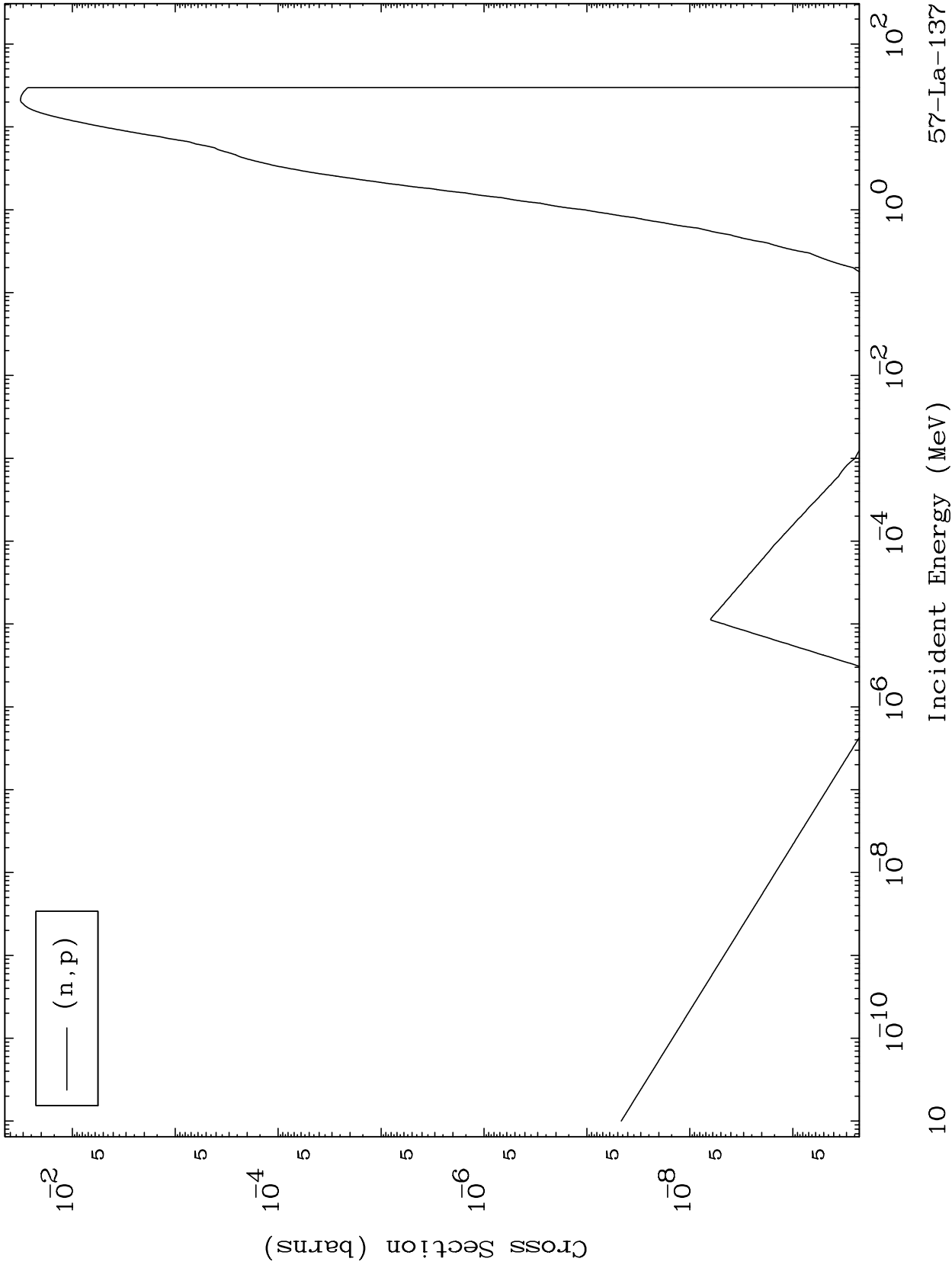
Incident Energy (MeV)

57-La-137

MAT 5722

(n,p) Levels
293 Kelvin Cross Sections

57-La-137



10

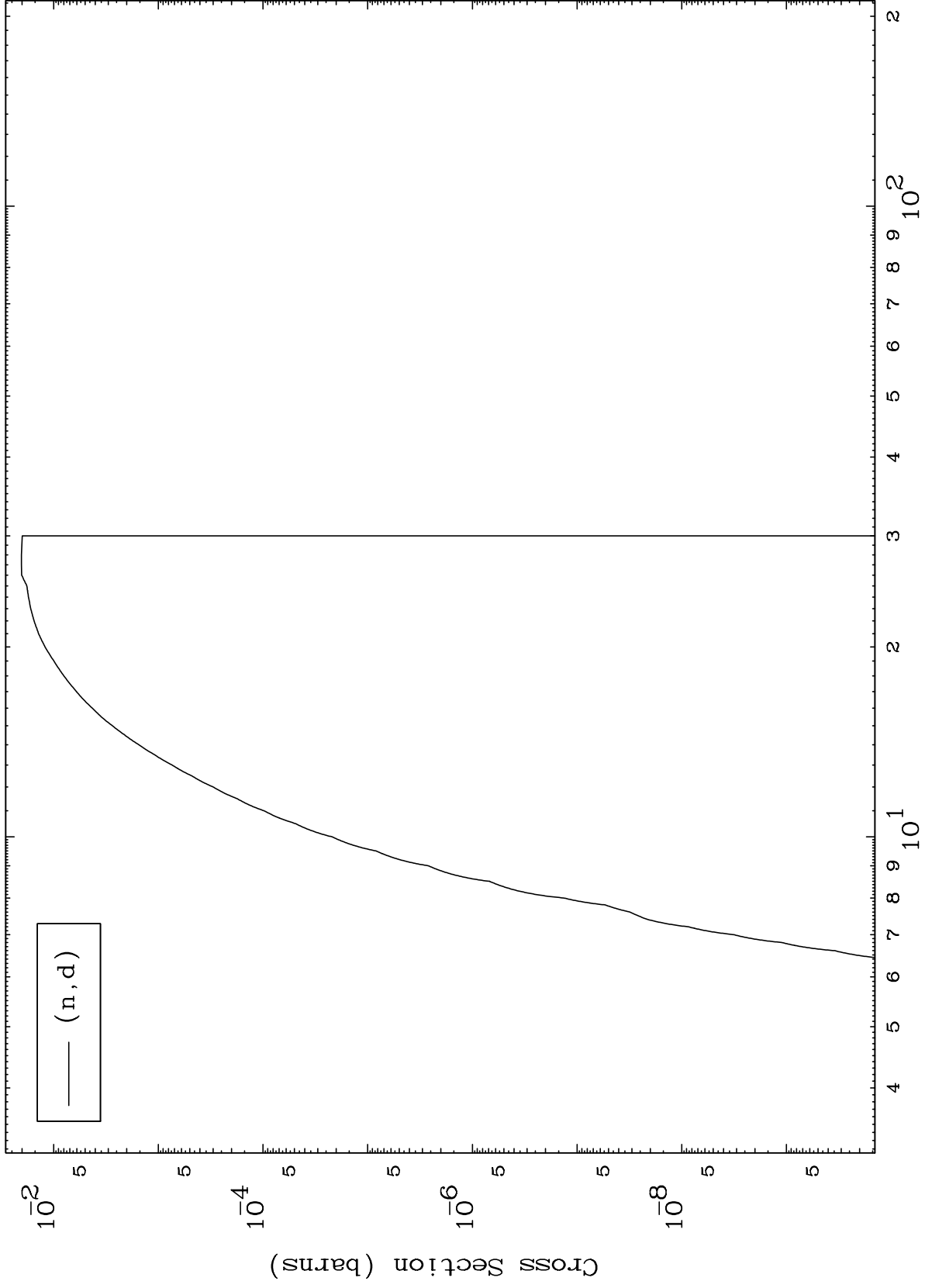
Incident Energy (MeV)

57-La-137

MAT 5722

(n,d) Levels
293 Kelvin Cross Sections

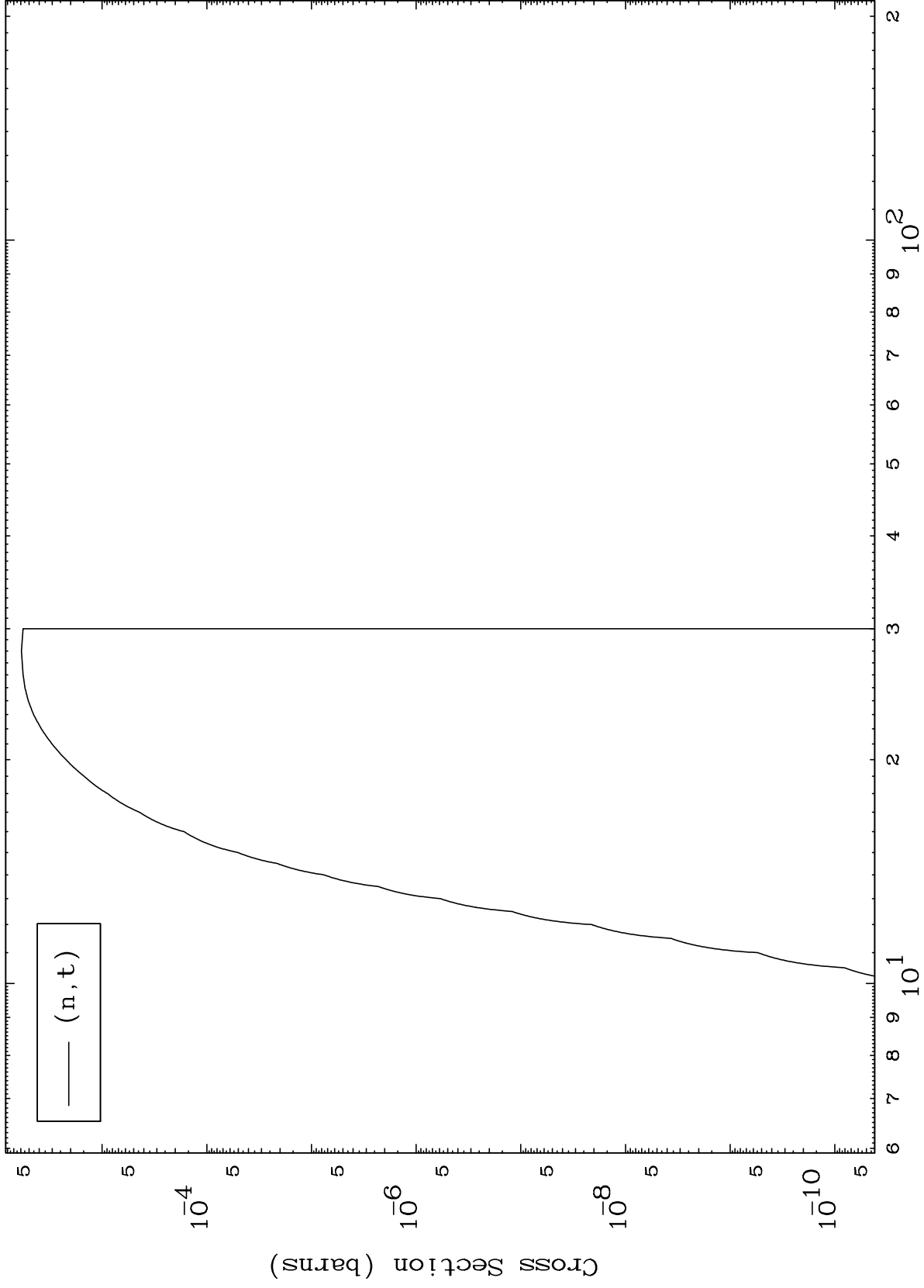
57-La-137



MAT 5722

(n,t) Levels
293 Kelvin Cross Sections

57-La-137



12

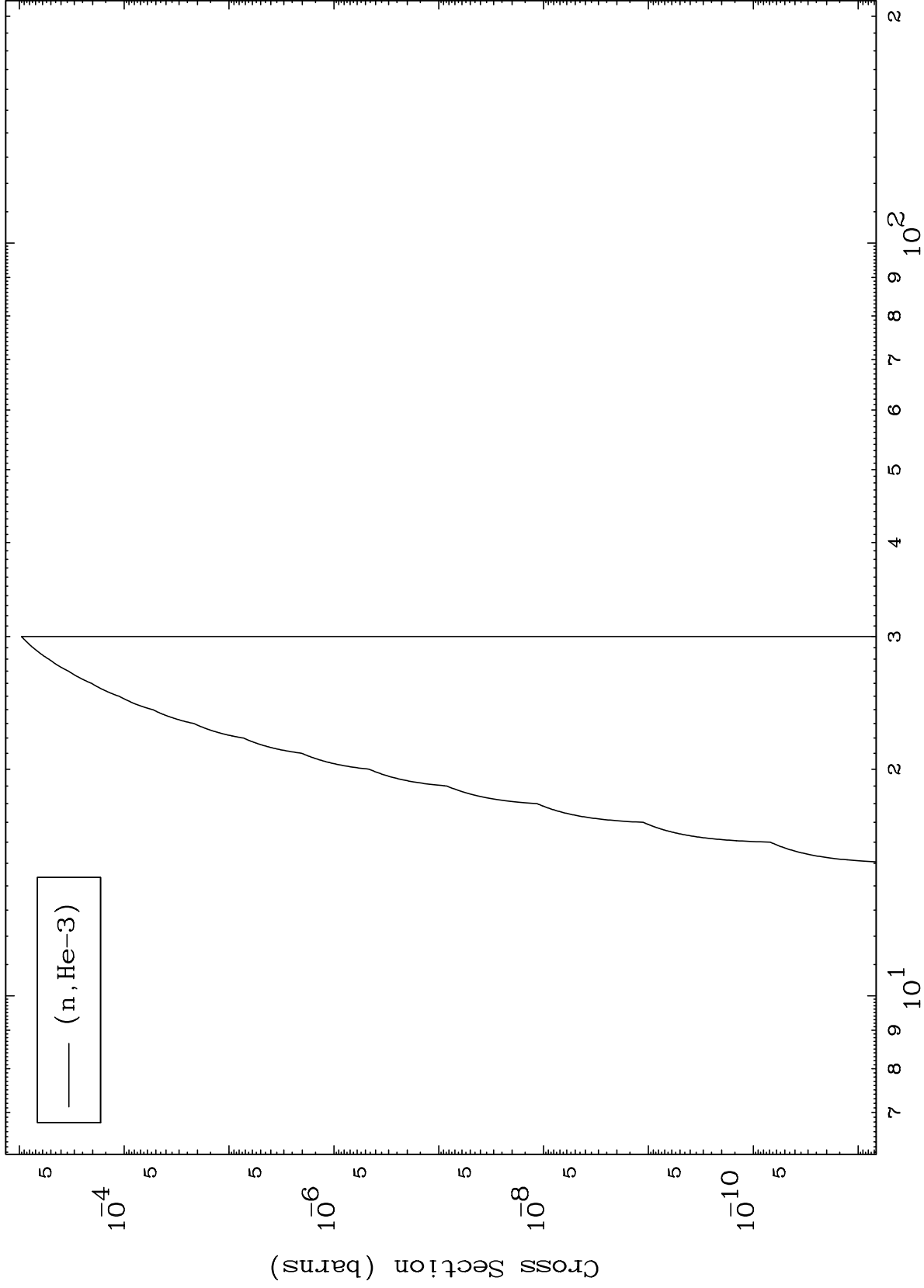
Incident Energy (MeV)

57-La-137

MAT 5722

(n,He3) Levels
293 Kelvin Cross Sections

57-La-137



13

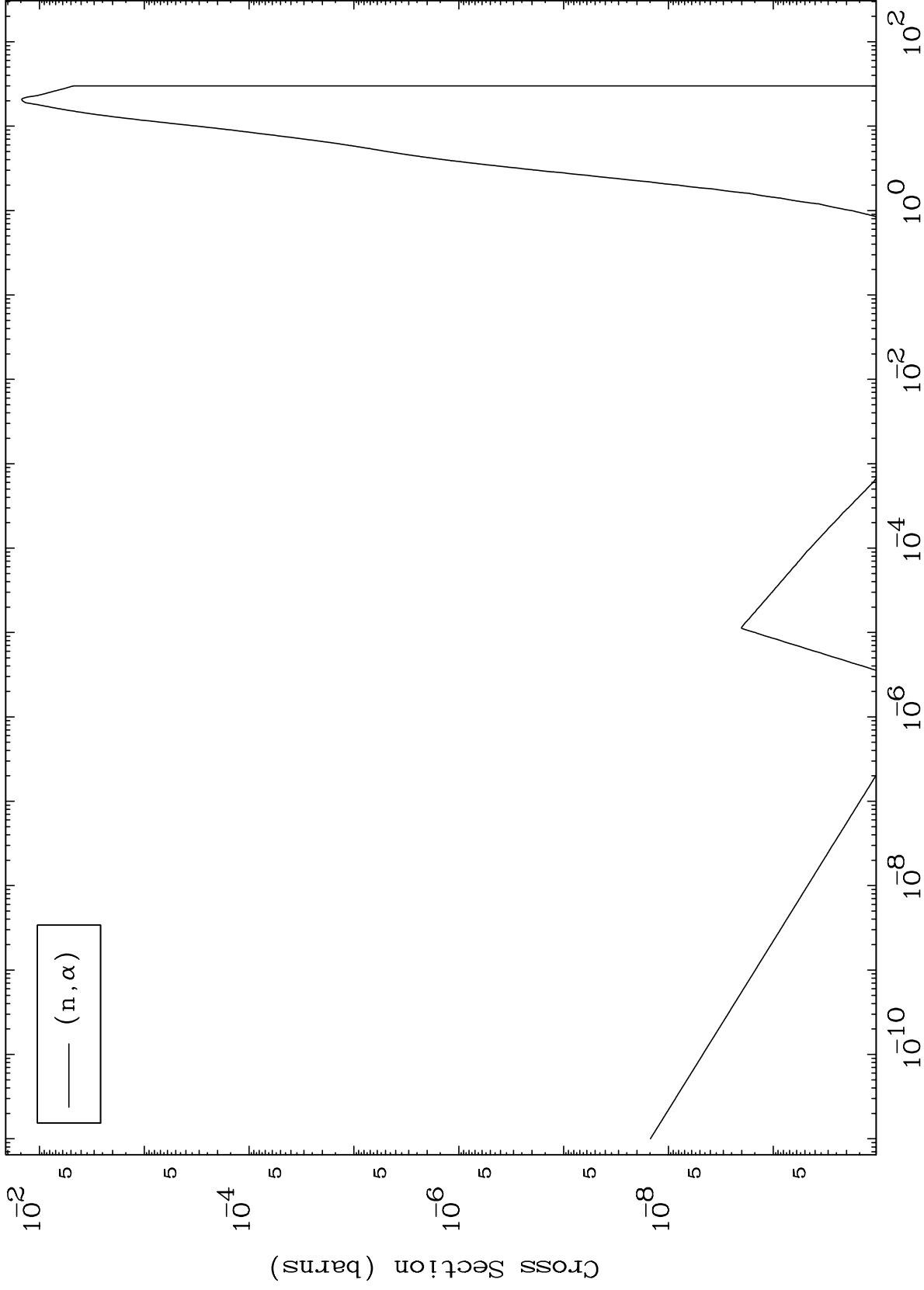
Incident Energy (MeV)

57-La-137

MAT 5722

(n, α) Levels
293 Kelvin Cross Sections

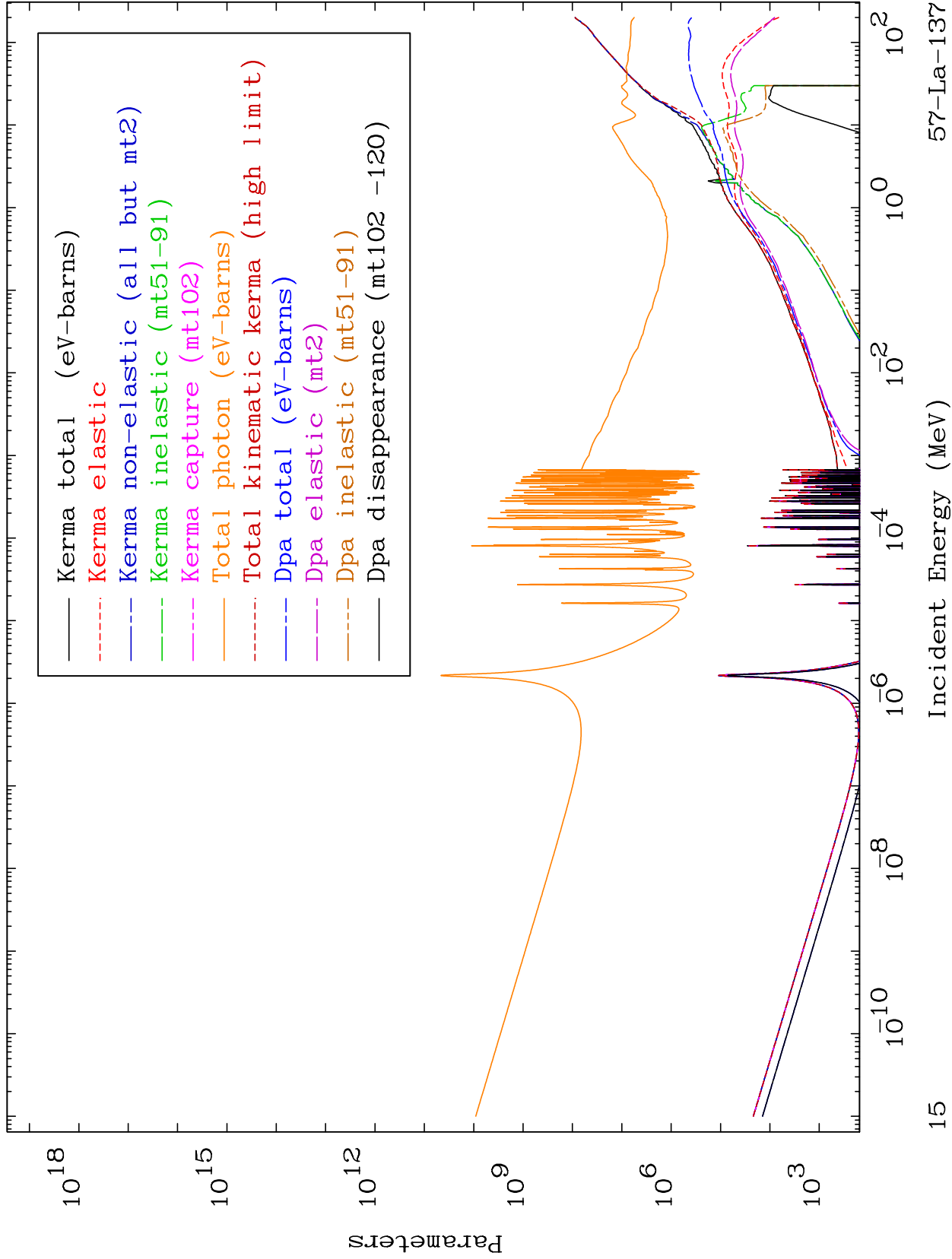
57-La-137



57-La-137

Incident Energy (MeV)

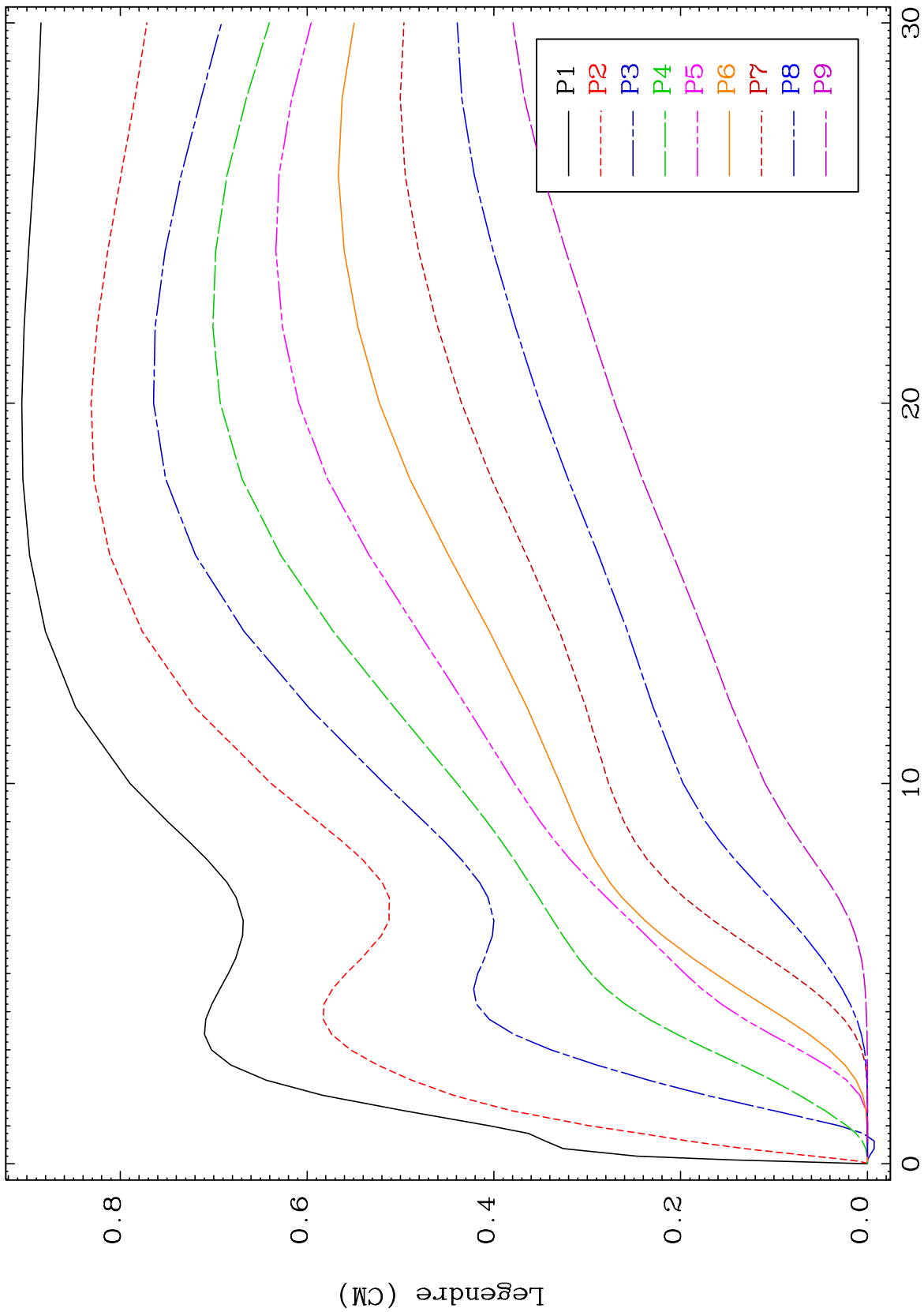
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MAT 5722

57-La-137

Elastic Legendre Coefficients



16

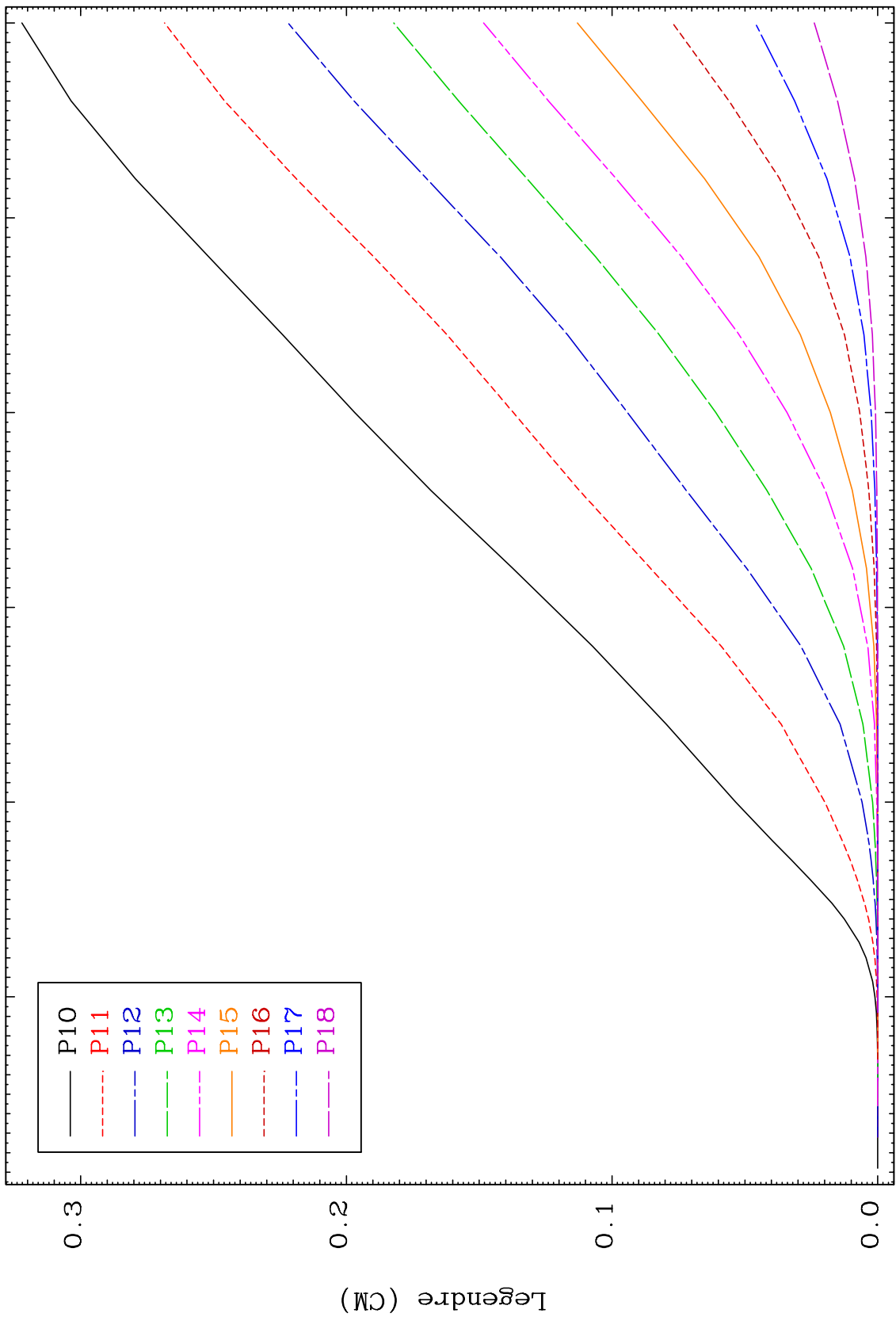
Incident Energy (MeV)

57-La-137

MAT 5722

Elastic Legendre Coefficients

57-La-137



17

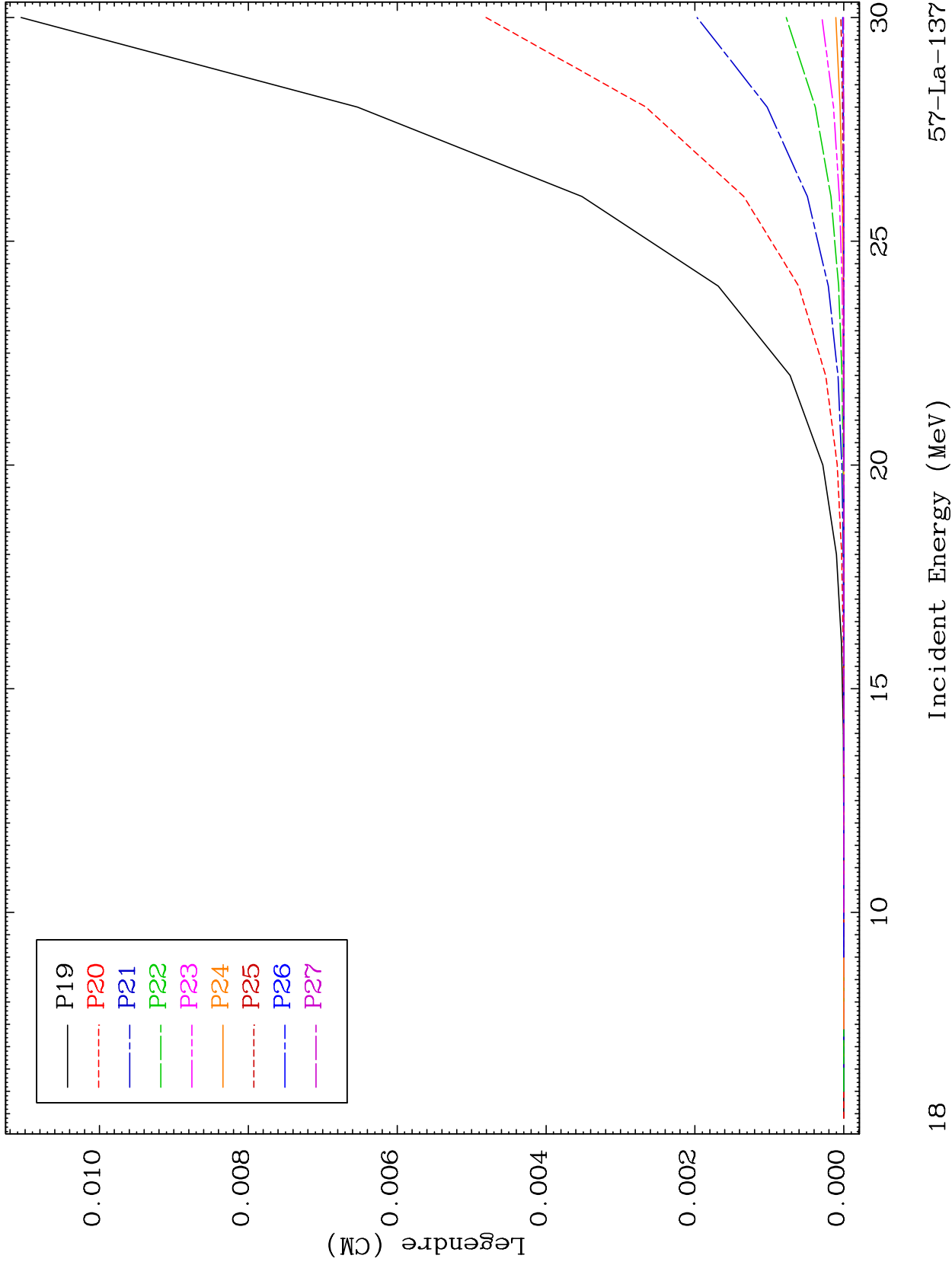
Incident Energy (MeV)

57-La-137

MAT 5722

Elastic Legendre Coefficients

57-La-137



18

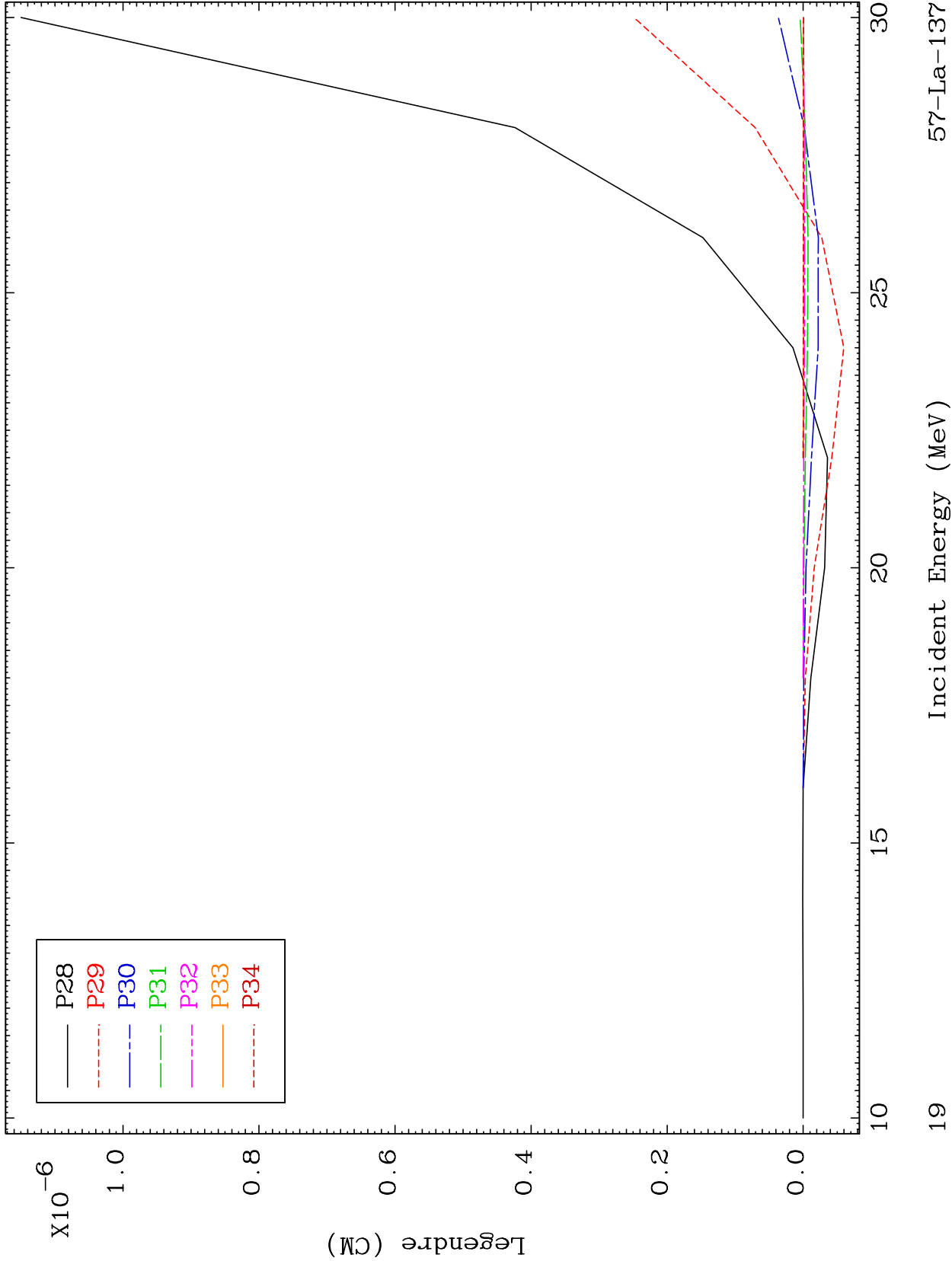
Incident Energy (MeV)

57-La-137

MAT 5722

Elastic Legendre Coefficients

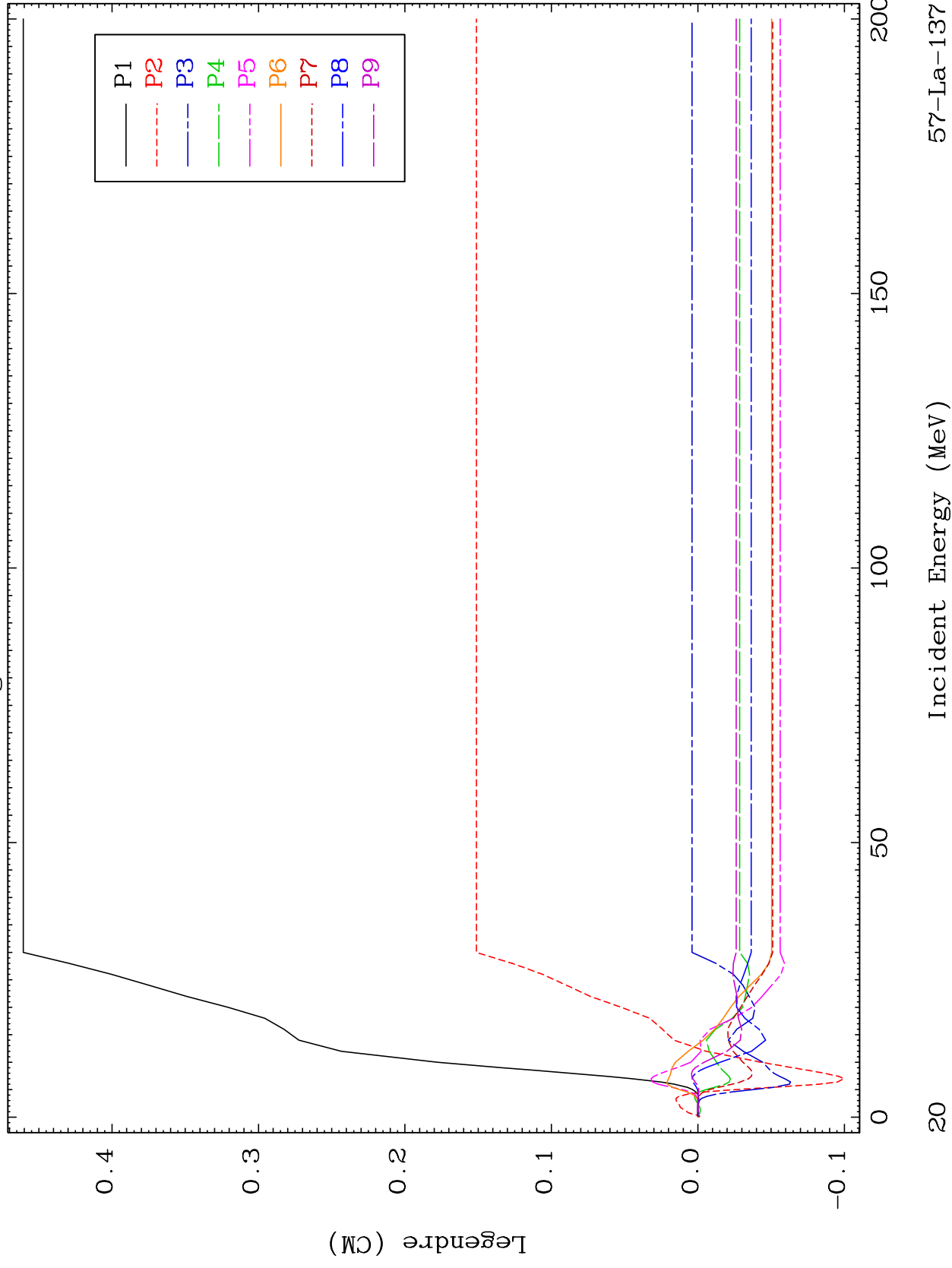
57-La-137



MAT 5722

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

57-La-137

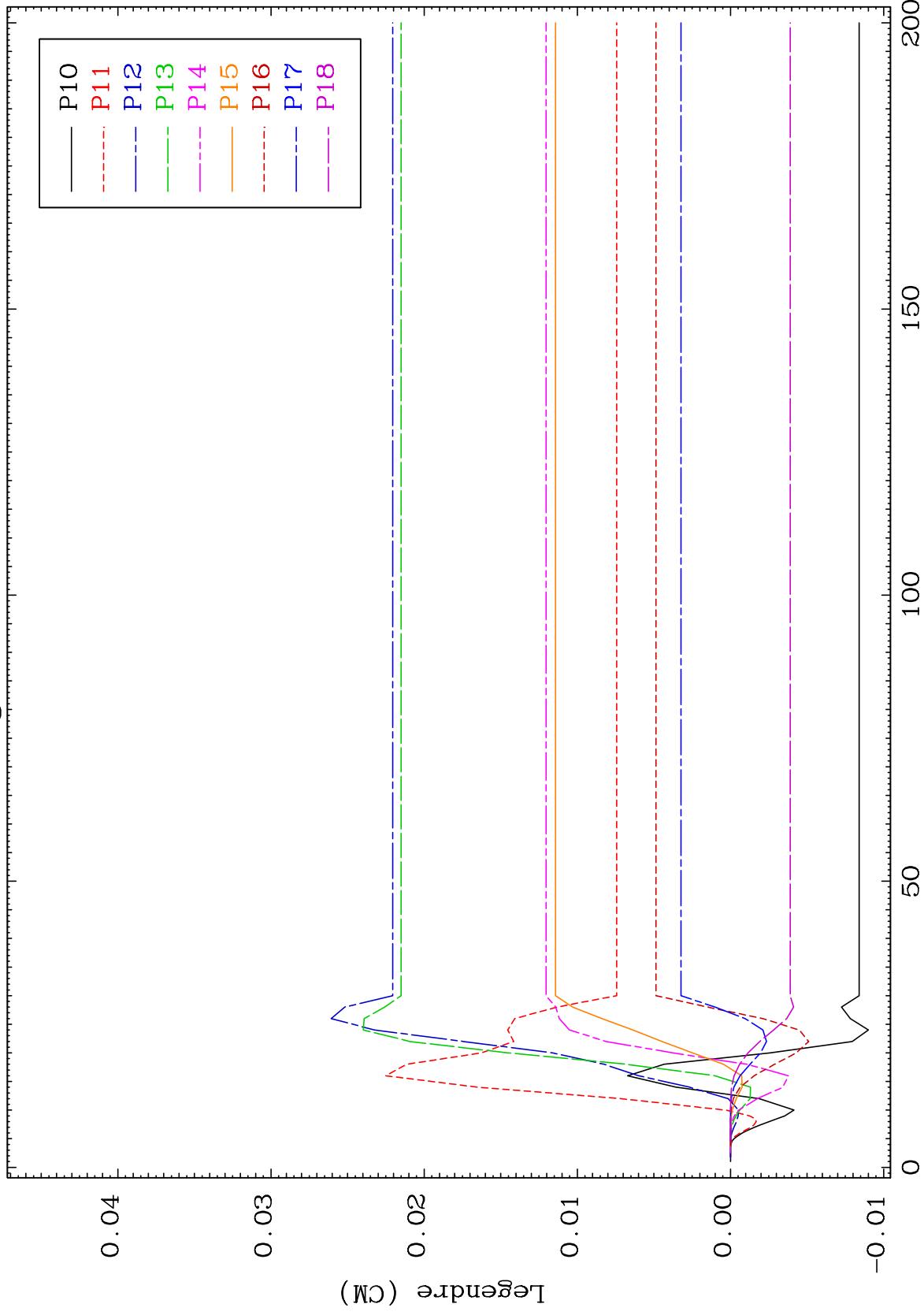


57-La-137

MAT 5722

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

57-La-137



21

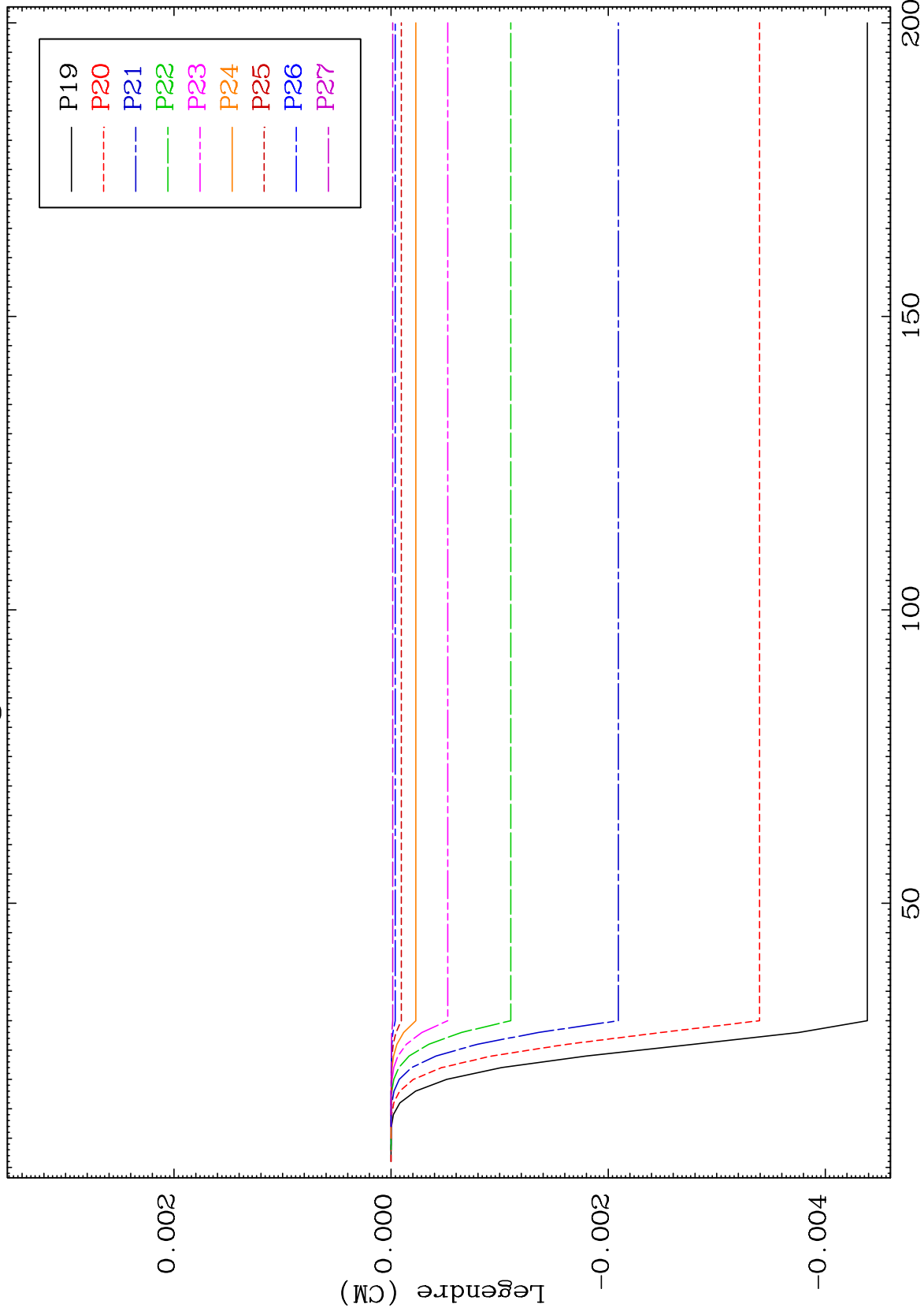
Incident Energy (MeV)

57-La-137

MAT 5722

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

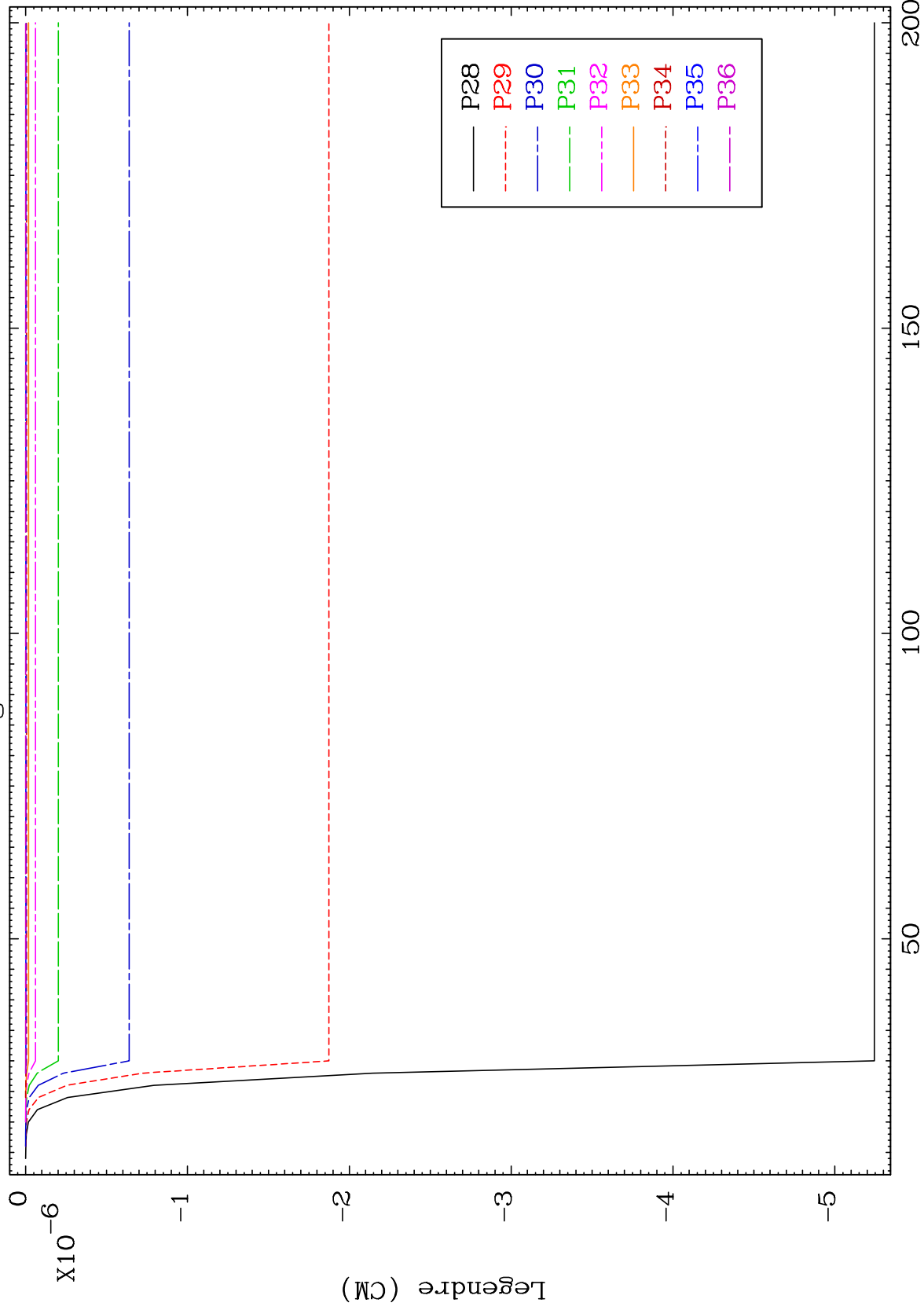
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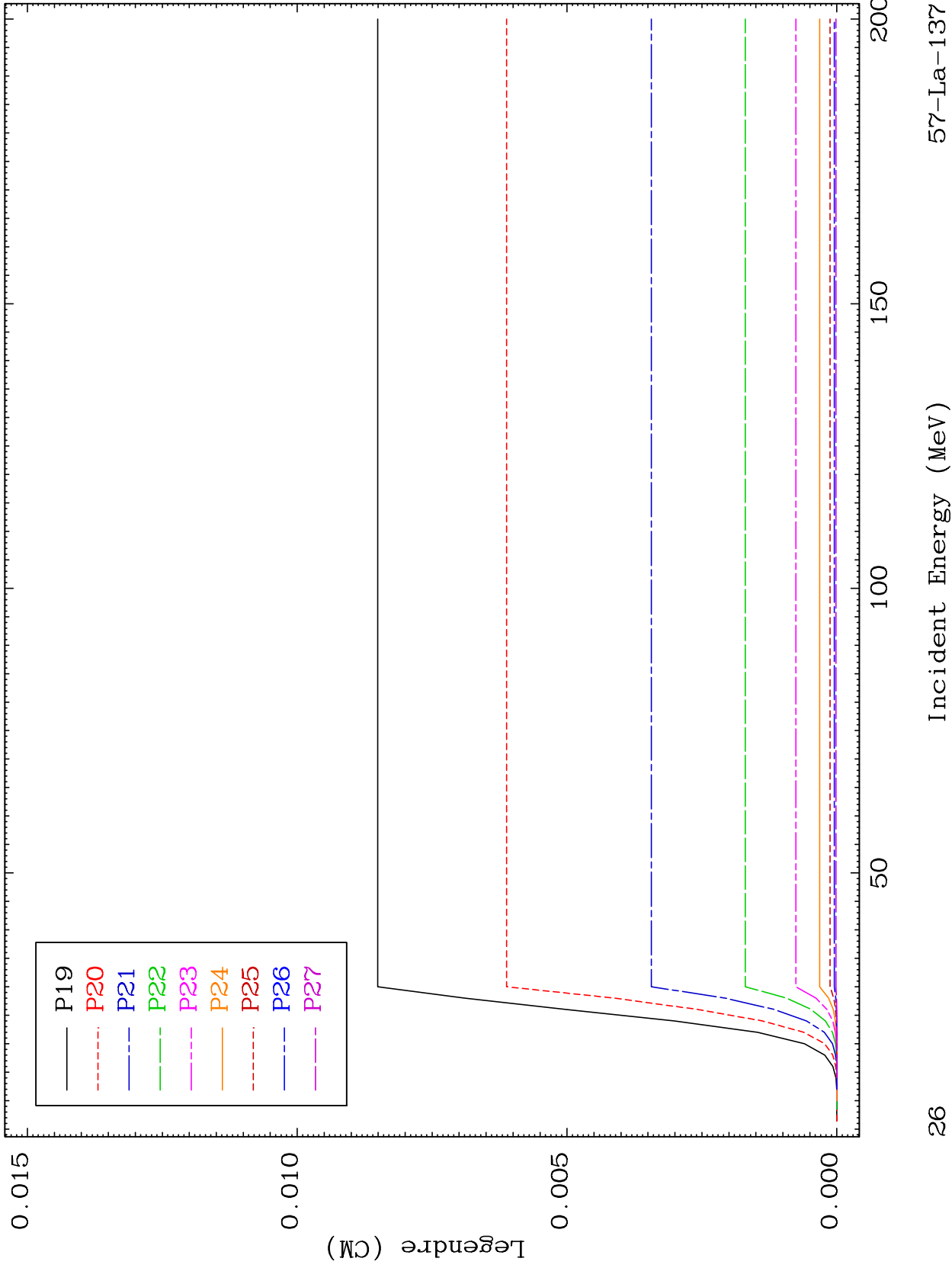


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Incident Energy (MeV)

57-La-137

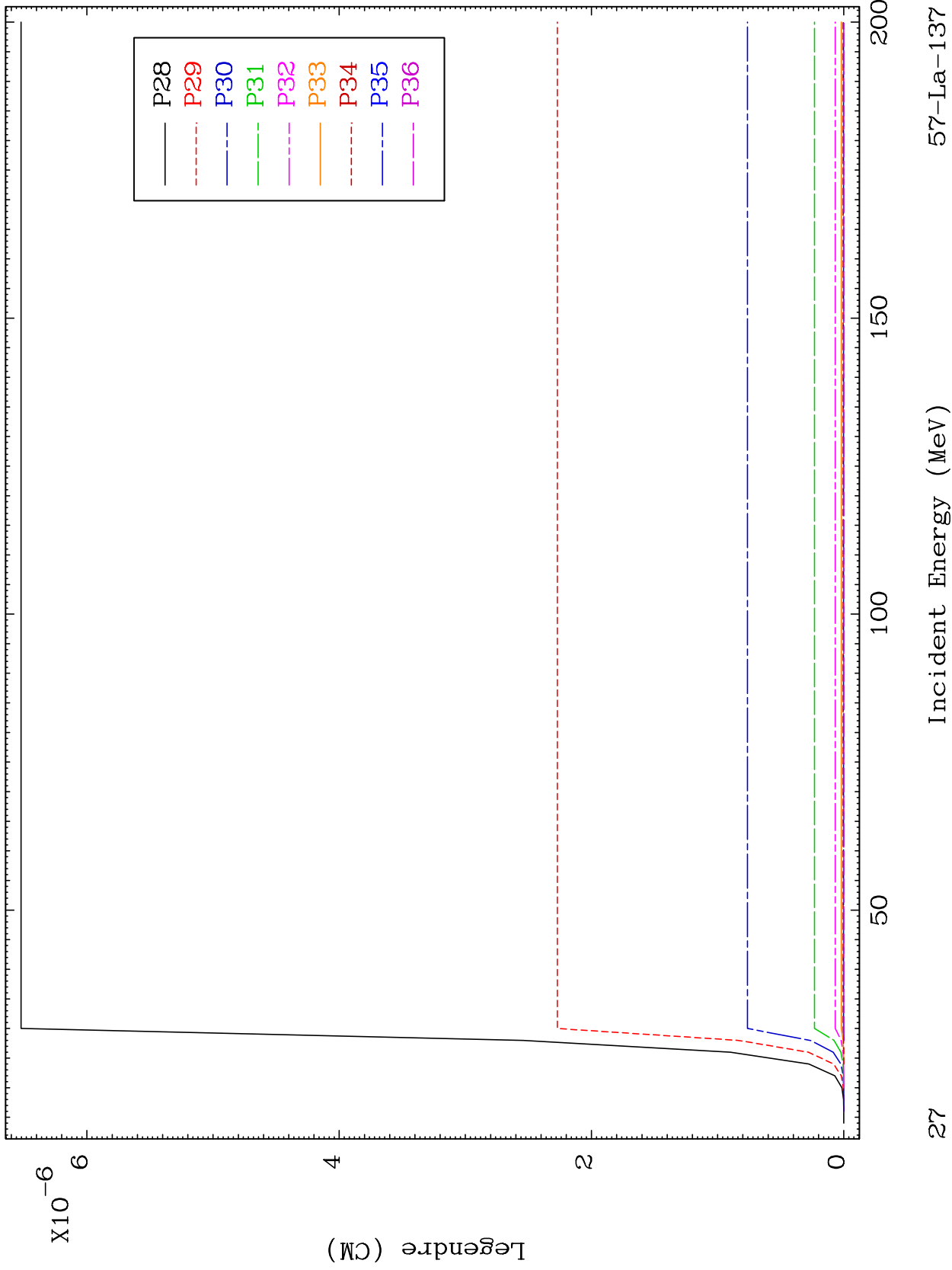




MAT 5722

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

57-La-137



27

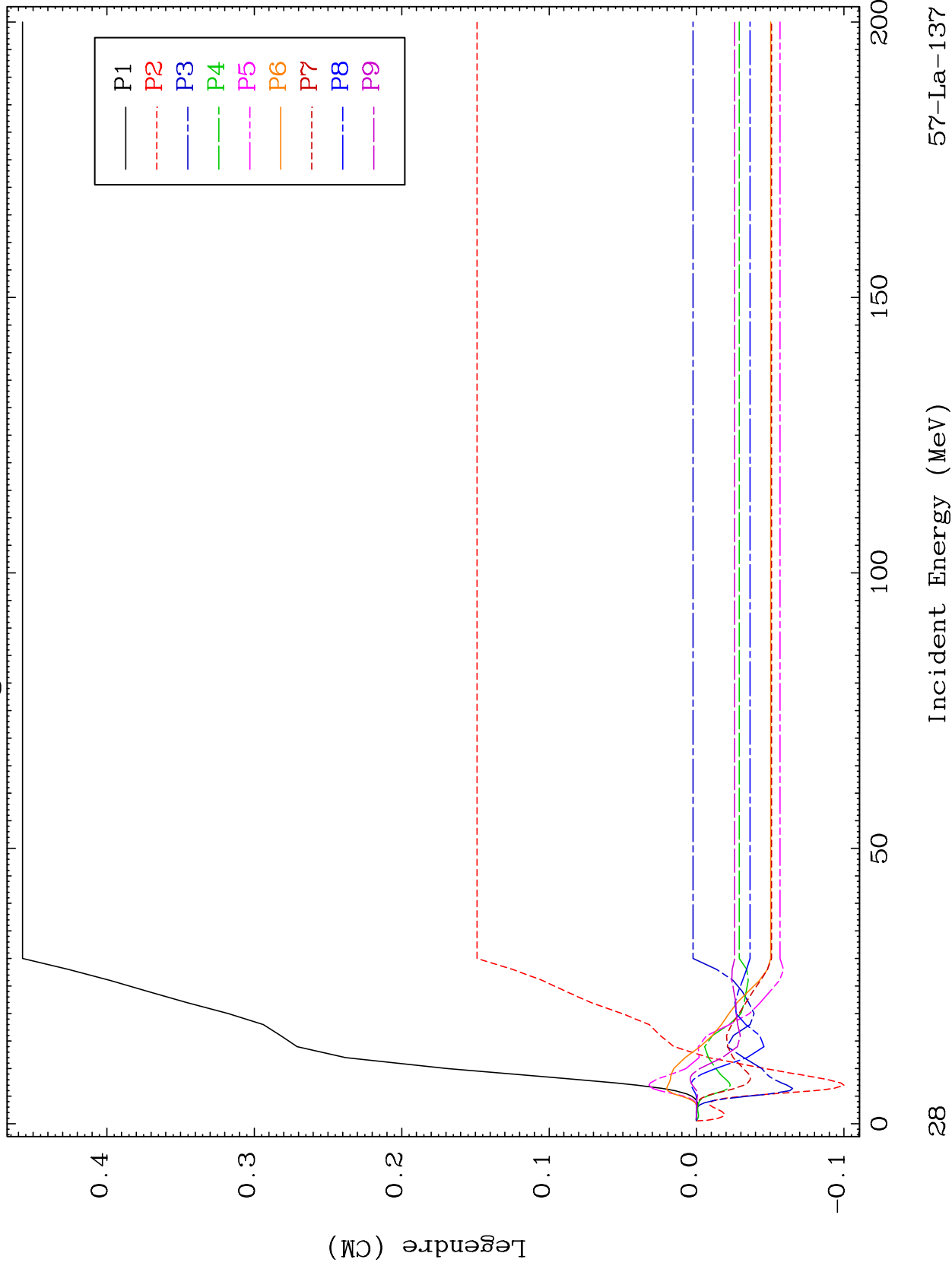
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



57-La-137

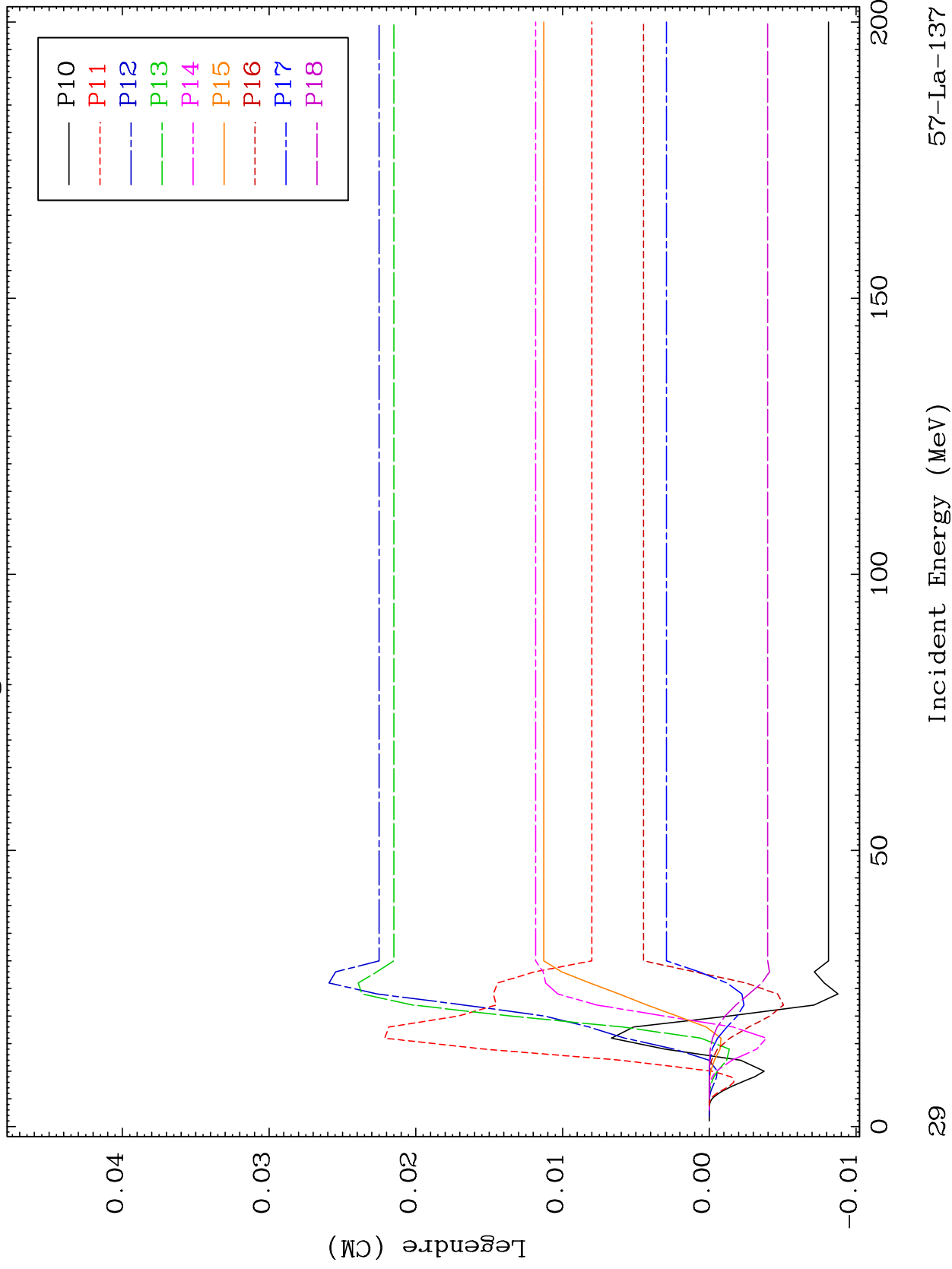
Incident Energy (MeV)

28

MAT 5722

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

57-La-137



57-La-137

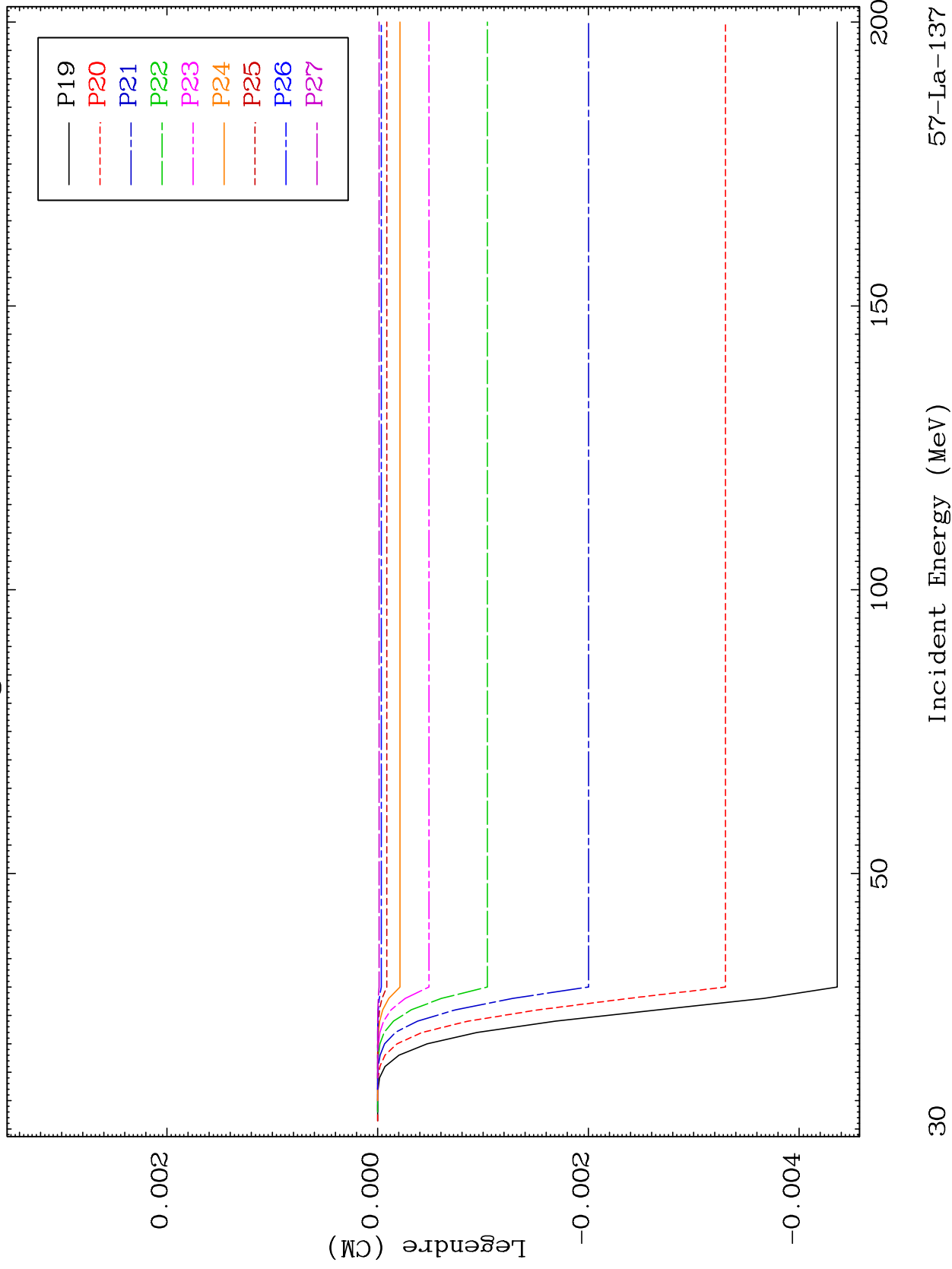
Incident Energy (MeV)

29

MAT 5722

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

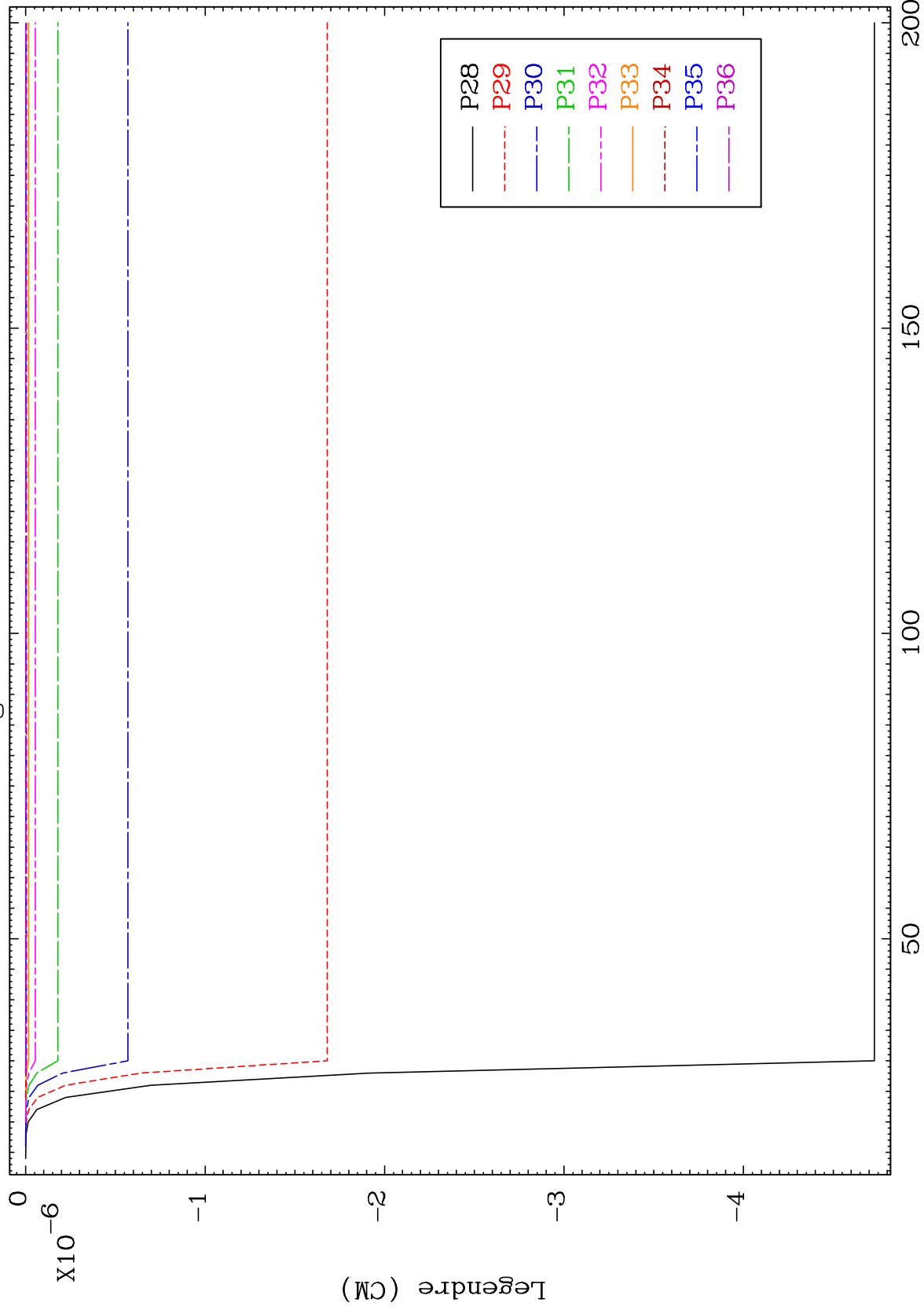
57-La-137



MAT 5722

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

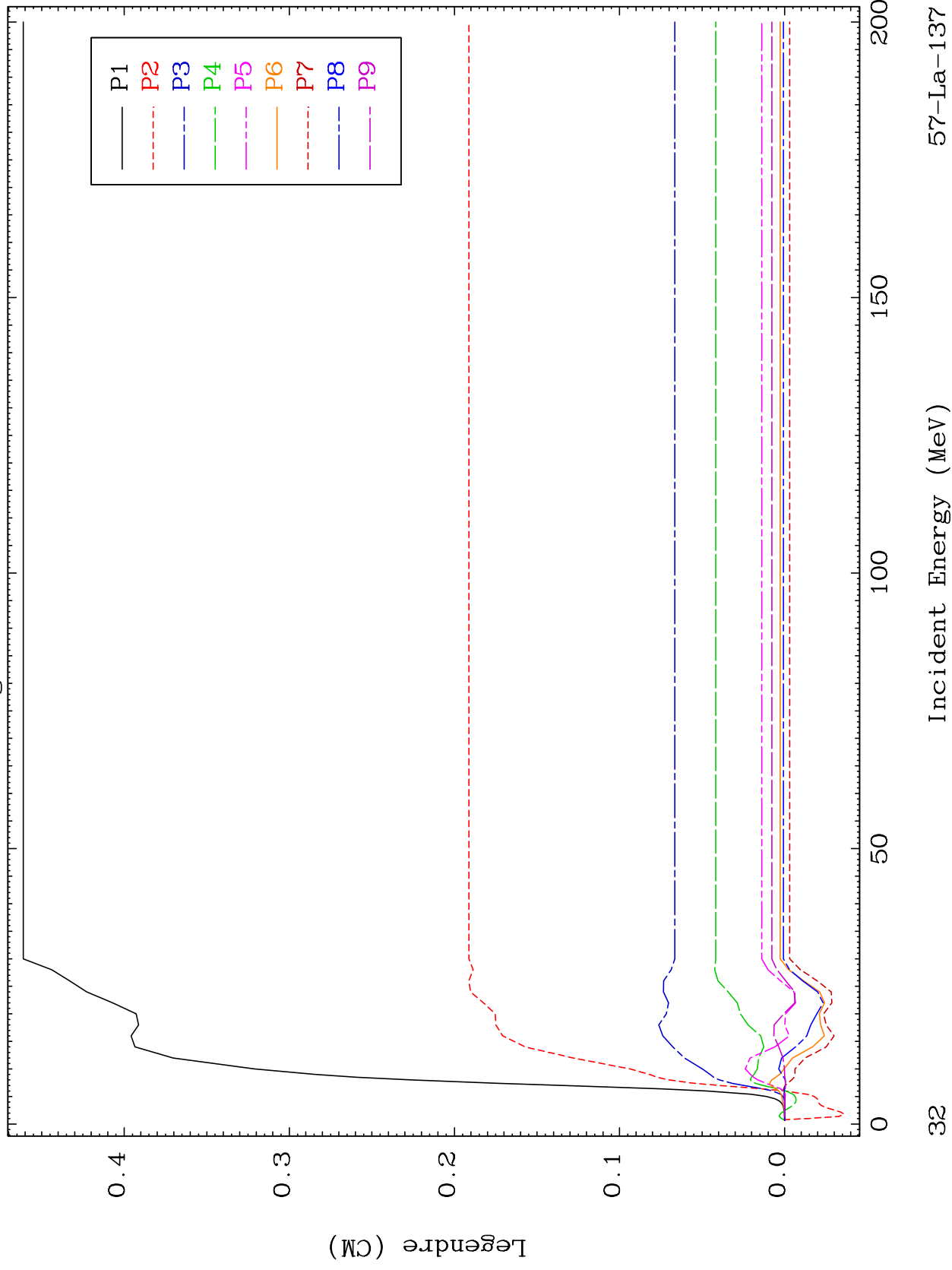
57-La-137



MAT 5722

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

57-La-137



57-La-137

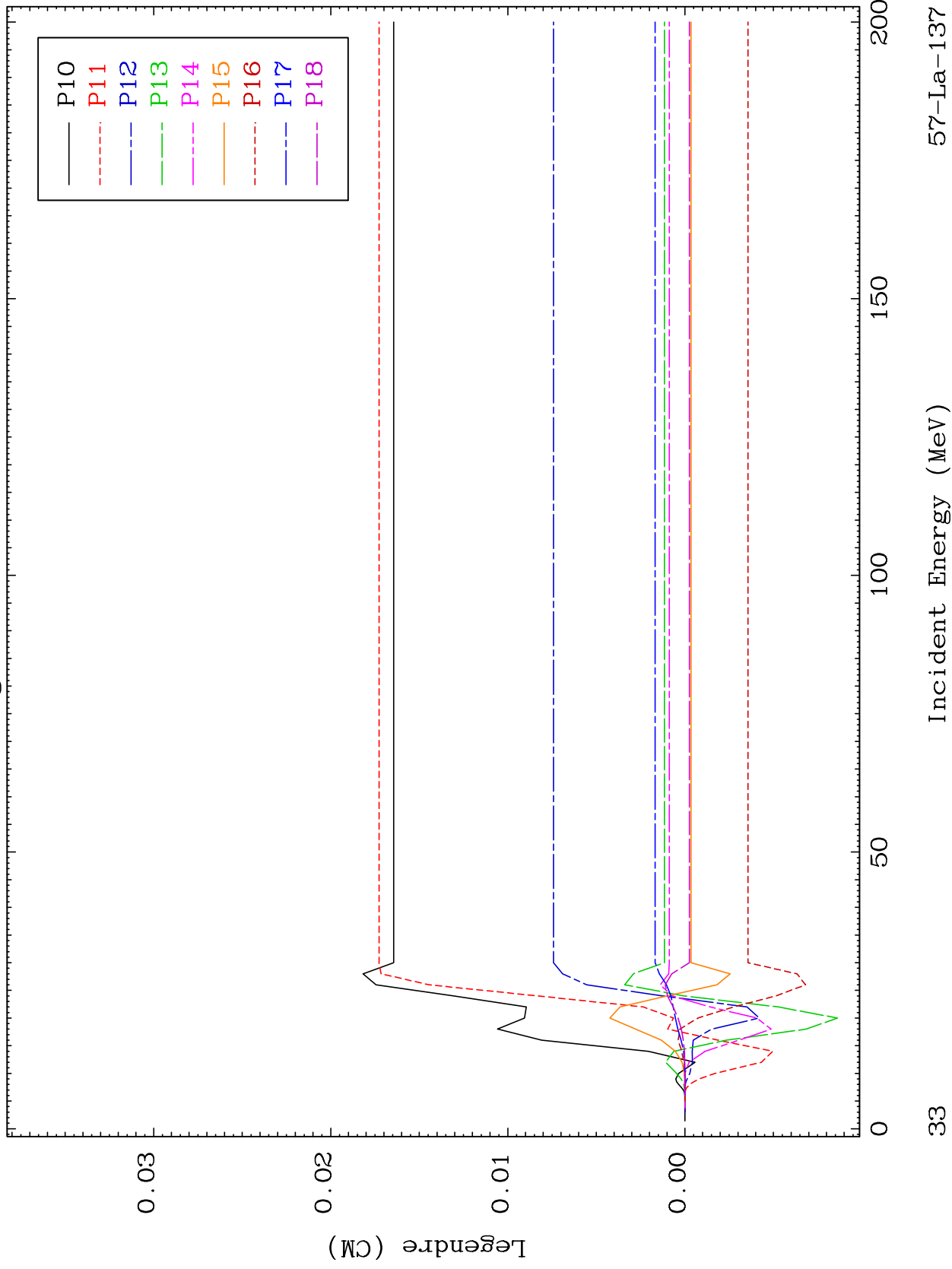
Incident Energy (MeV)

32

MAT 5722

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

57-La-137



33

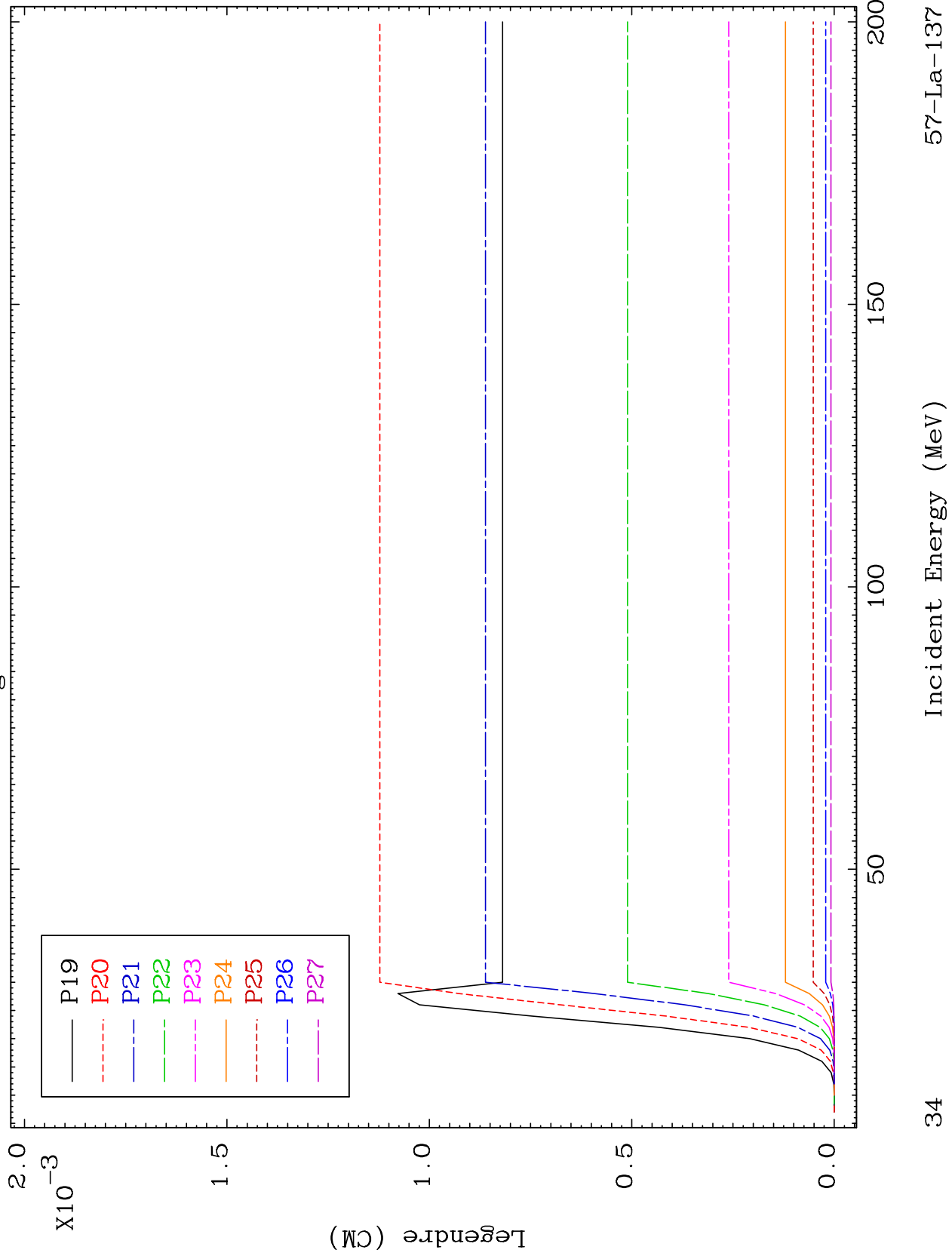
Incident Energy (MeV)

57-La-137

MAT 5722

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

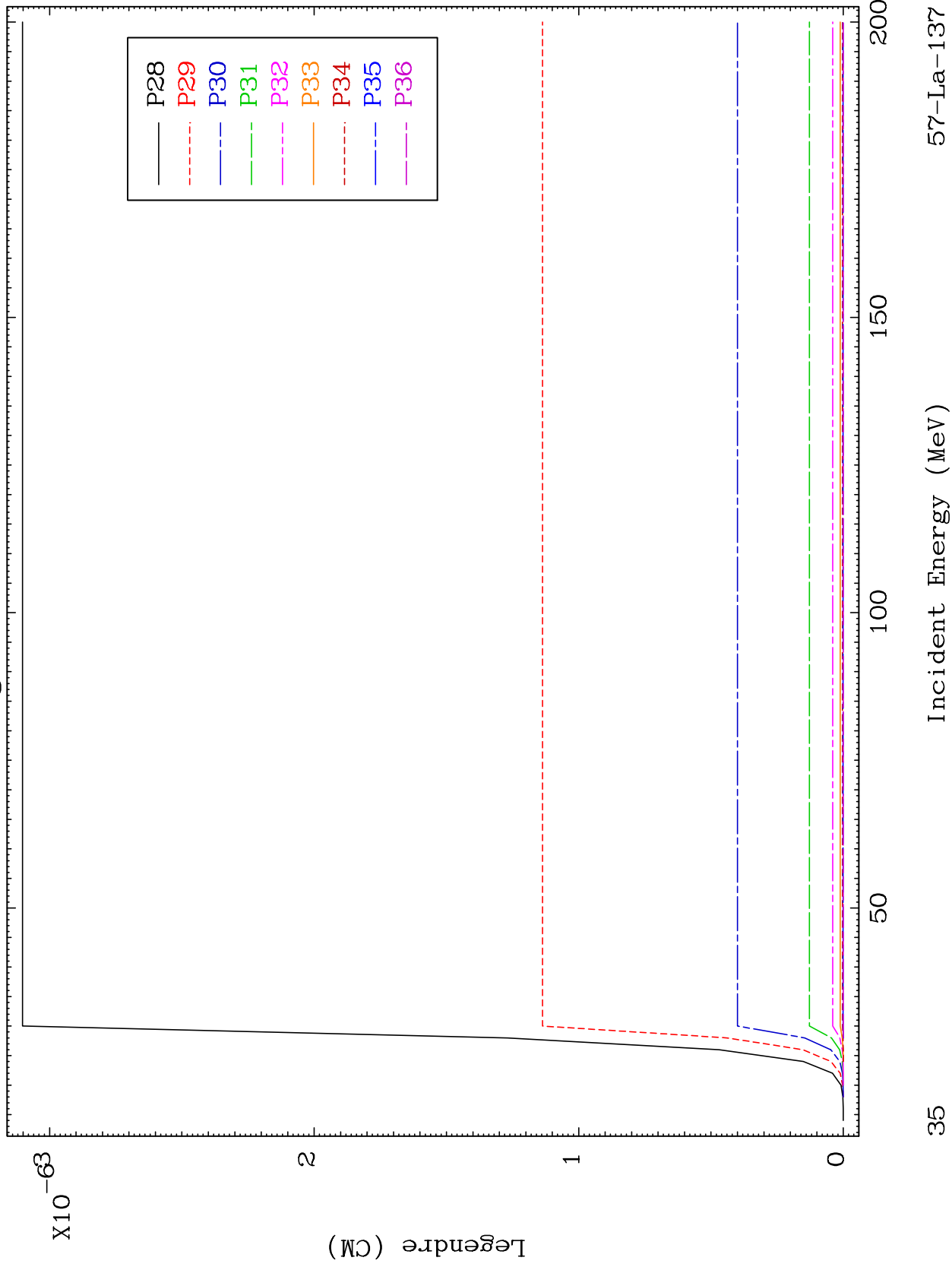
57-La-137



MAT 5722

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

57-La-137



35

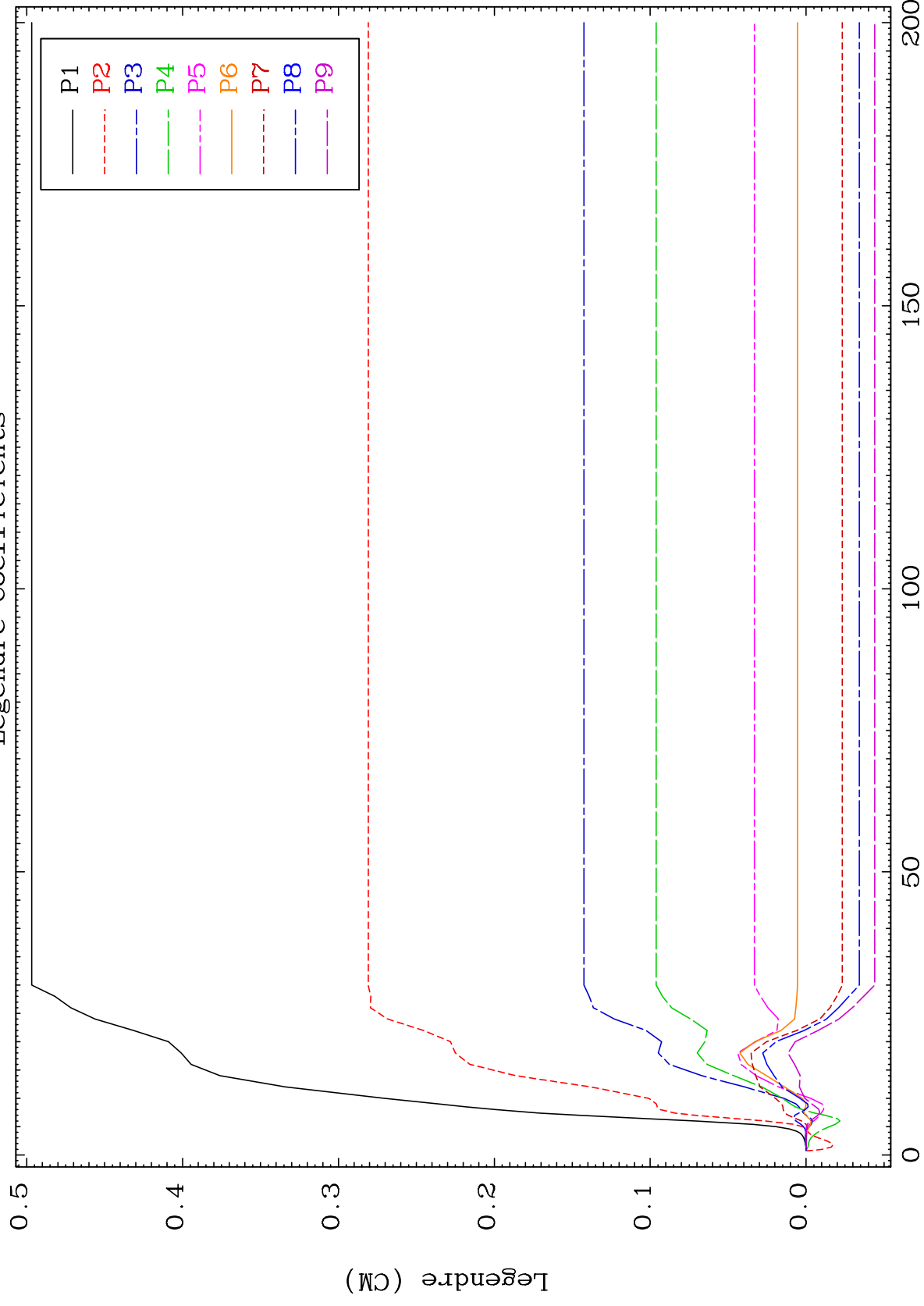
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



36

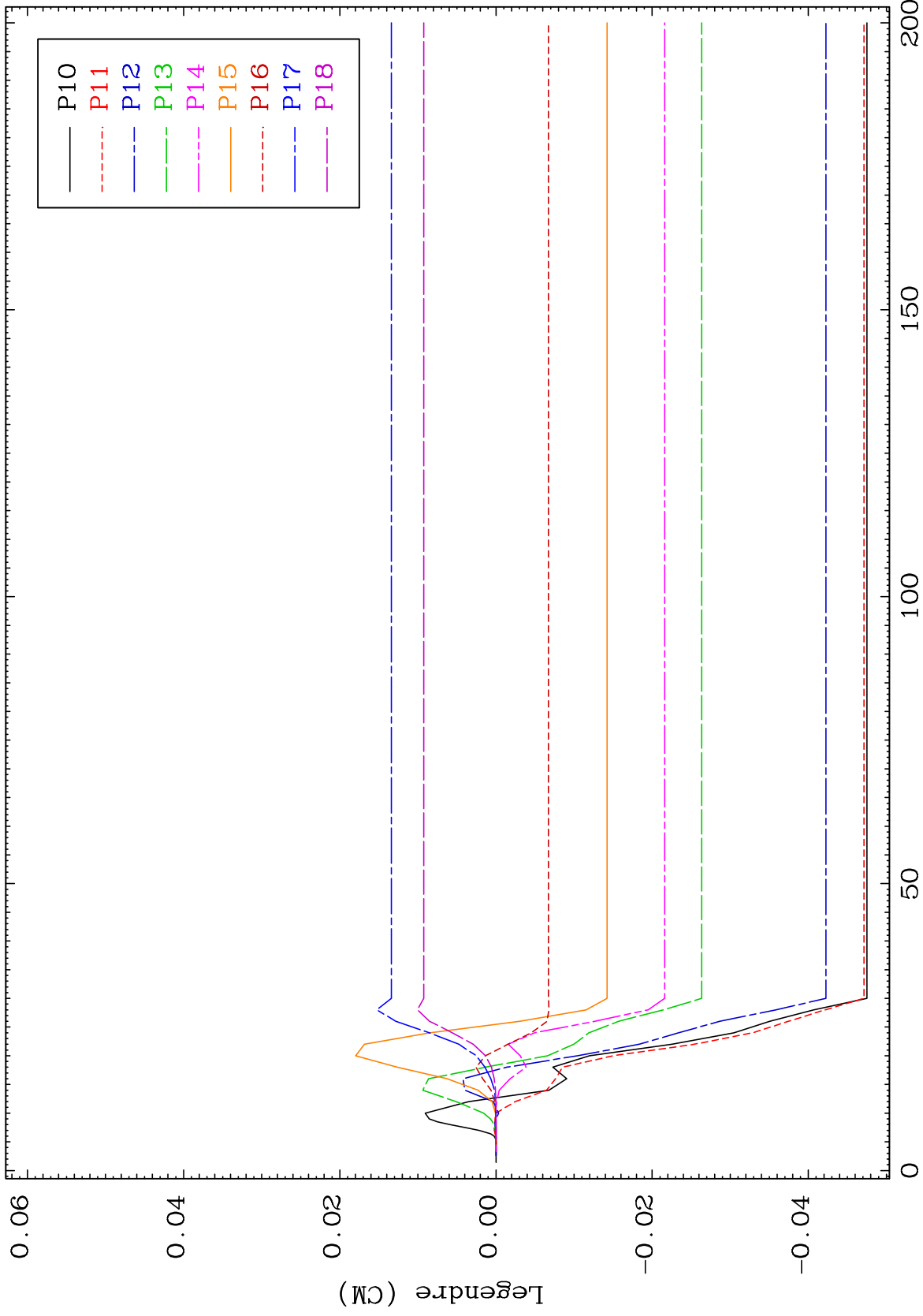
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



37

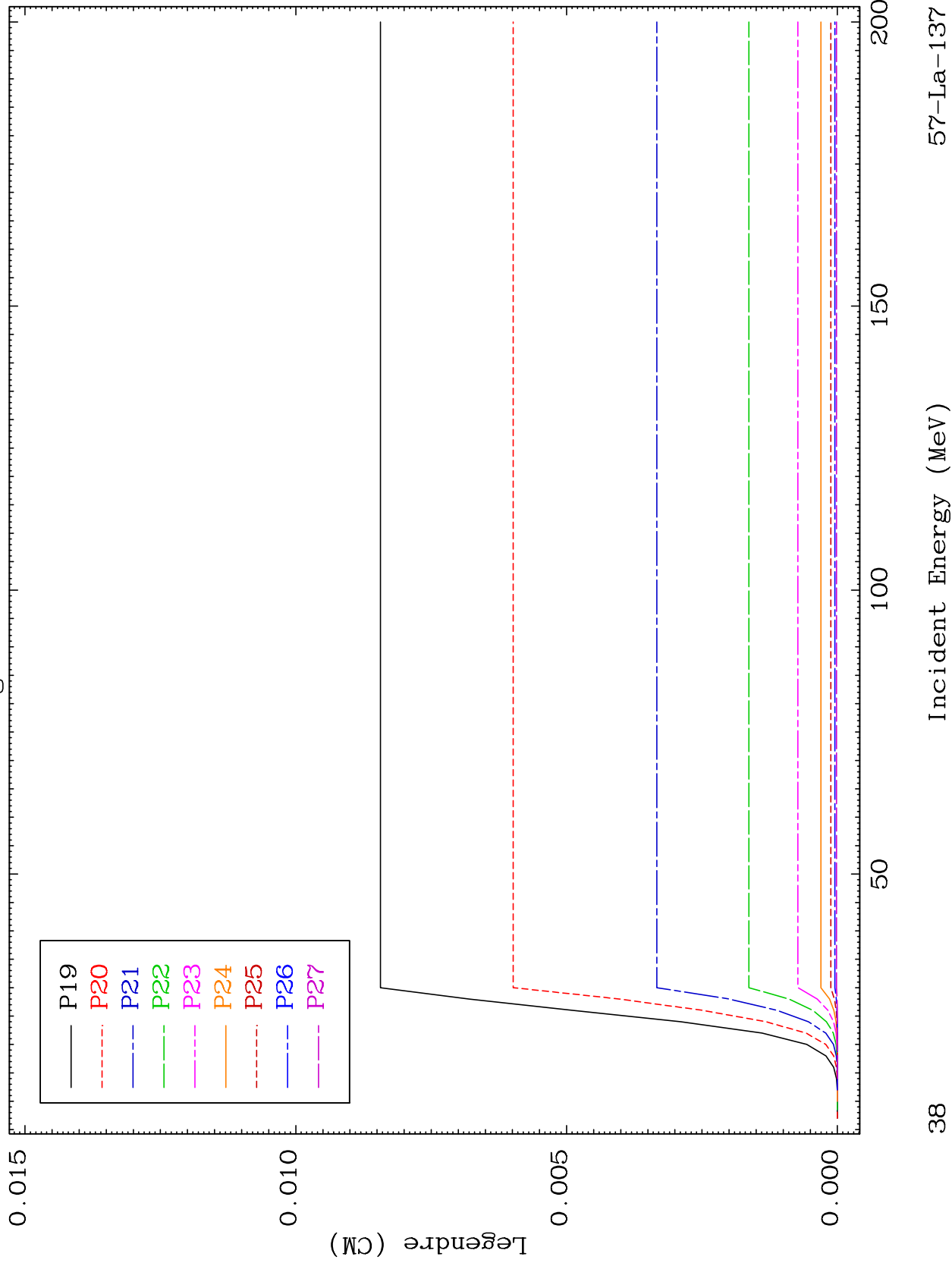
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



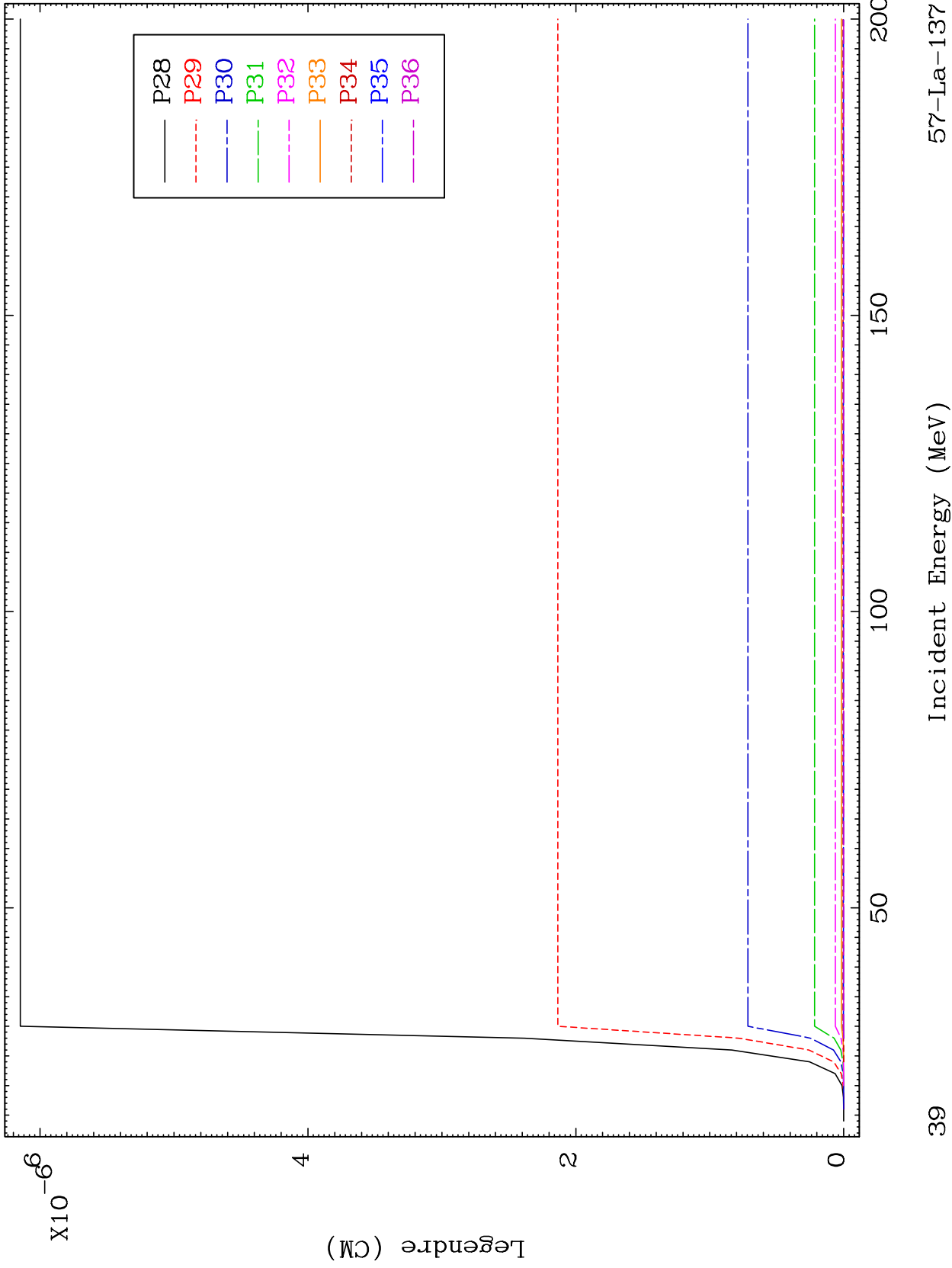
38

57-La-137

MAT 5722

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

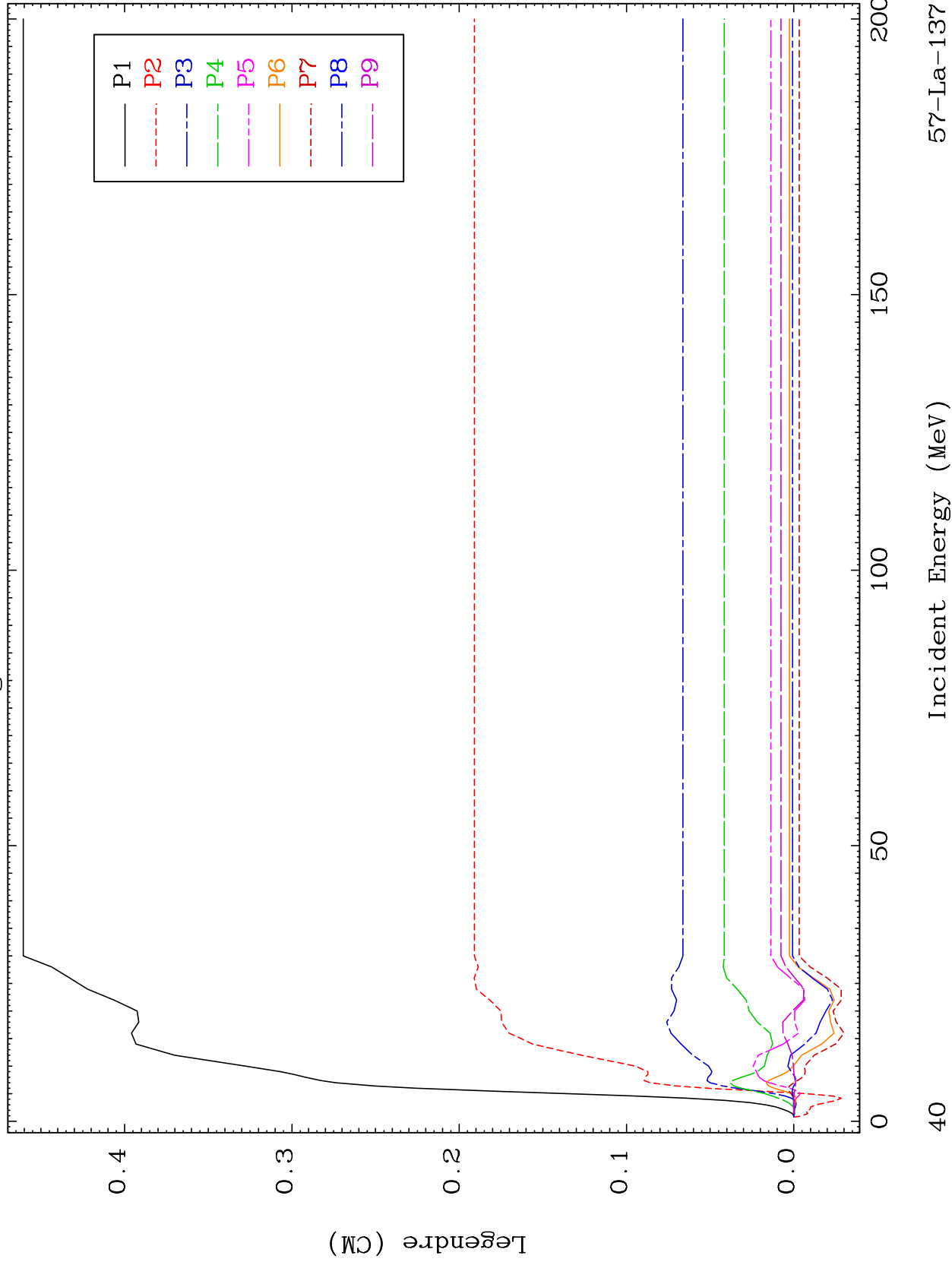
57-La-137



MAT 5722

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

57-La-137



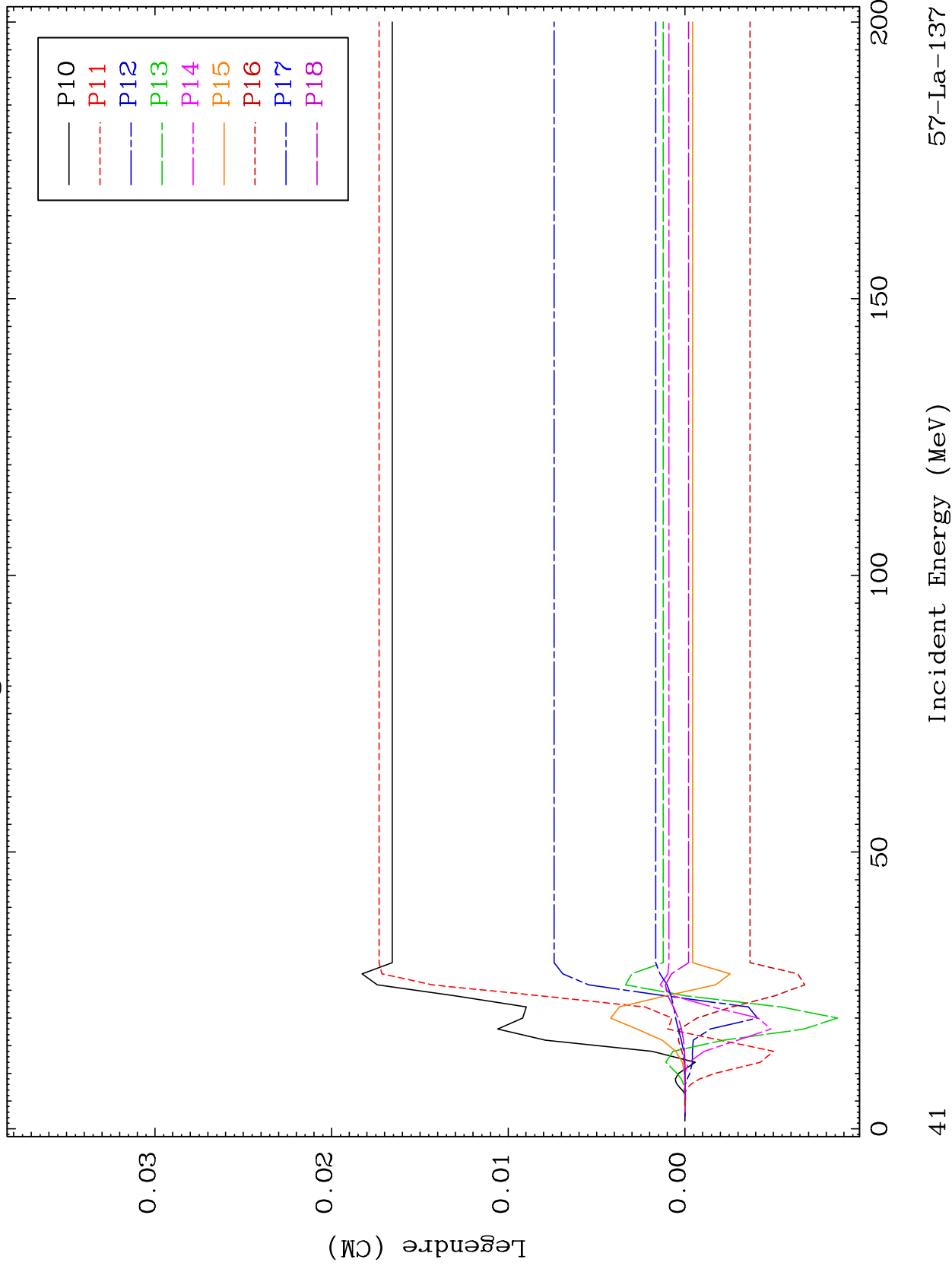
57-La-137

Incident Energy (MeV)

MAT 5722

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

57-La-137



57-La-137

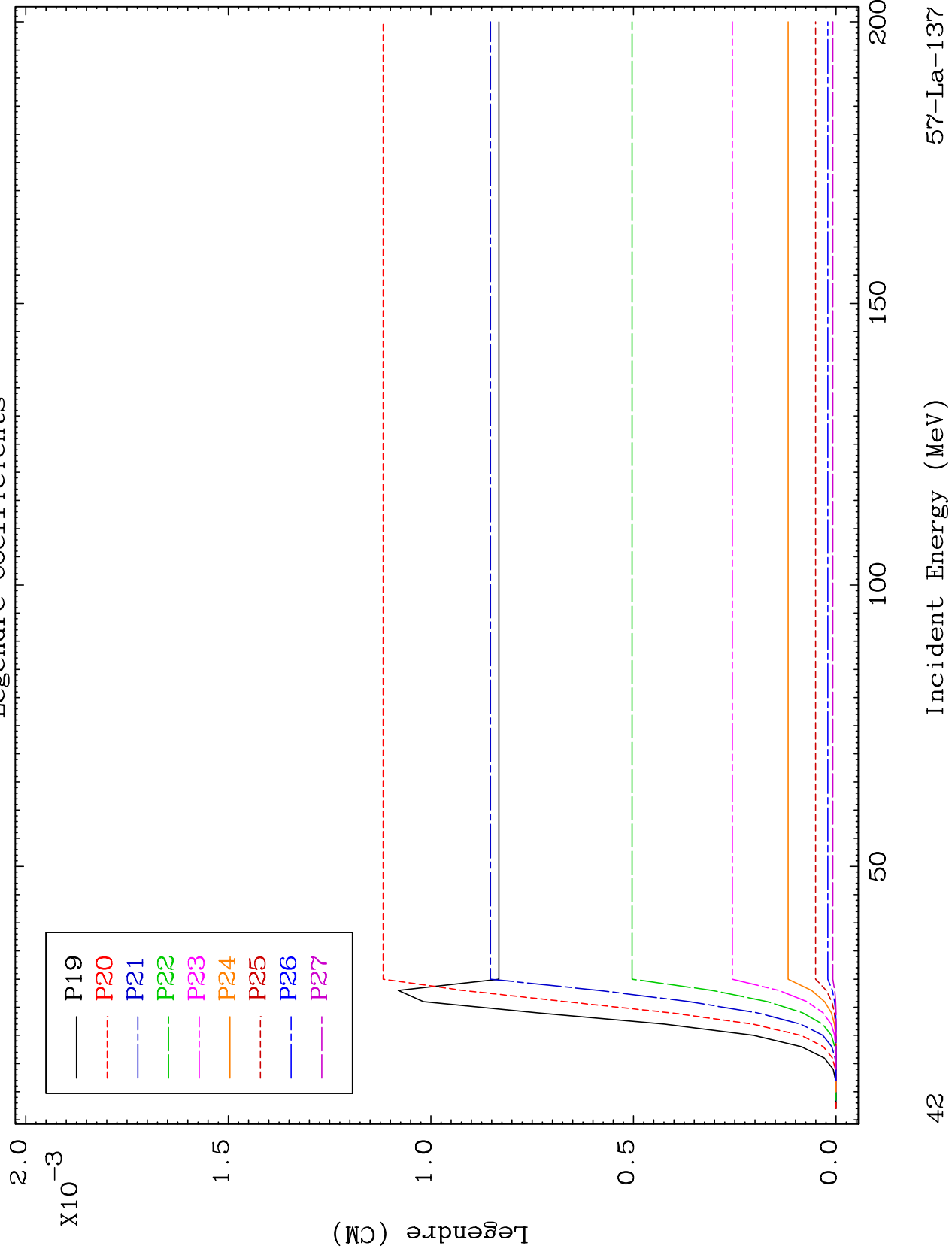
Incident Energy (MeV)

41

MAT 5722

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

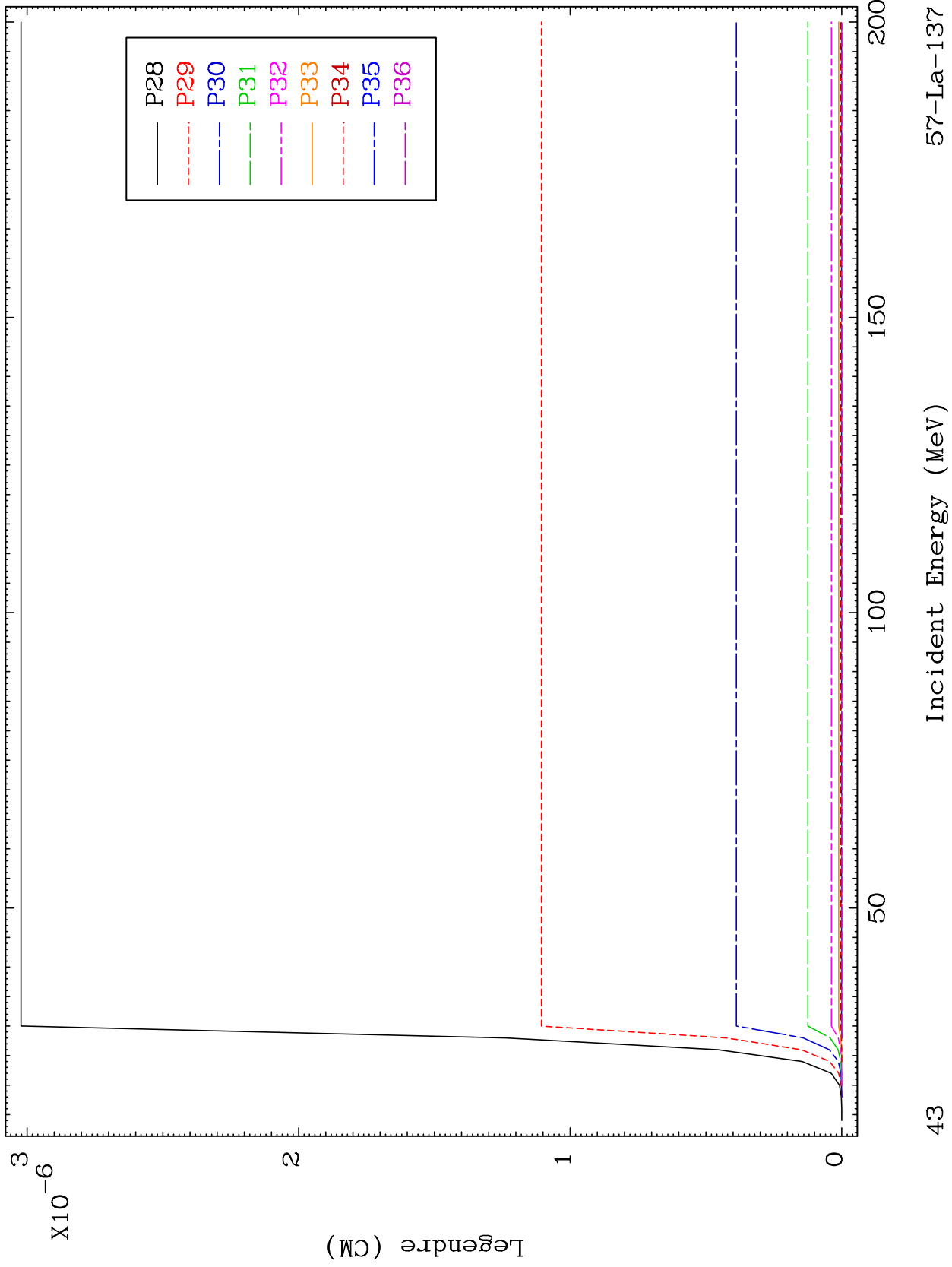
57-La-137



MAT 5722

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

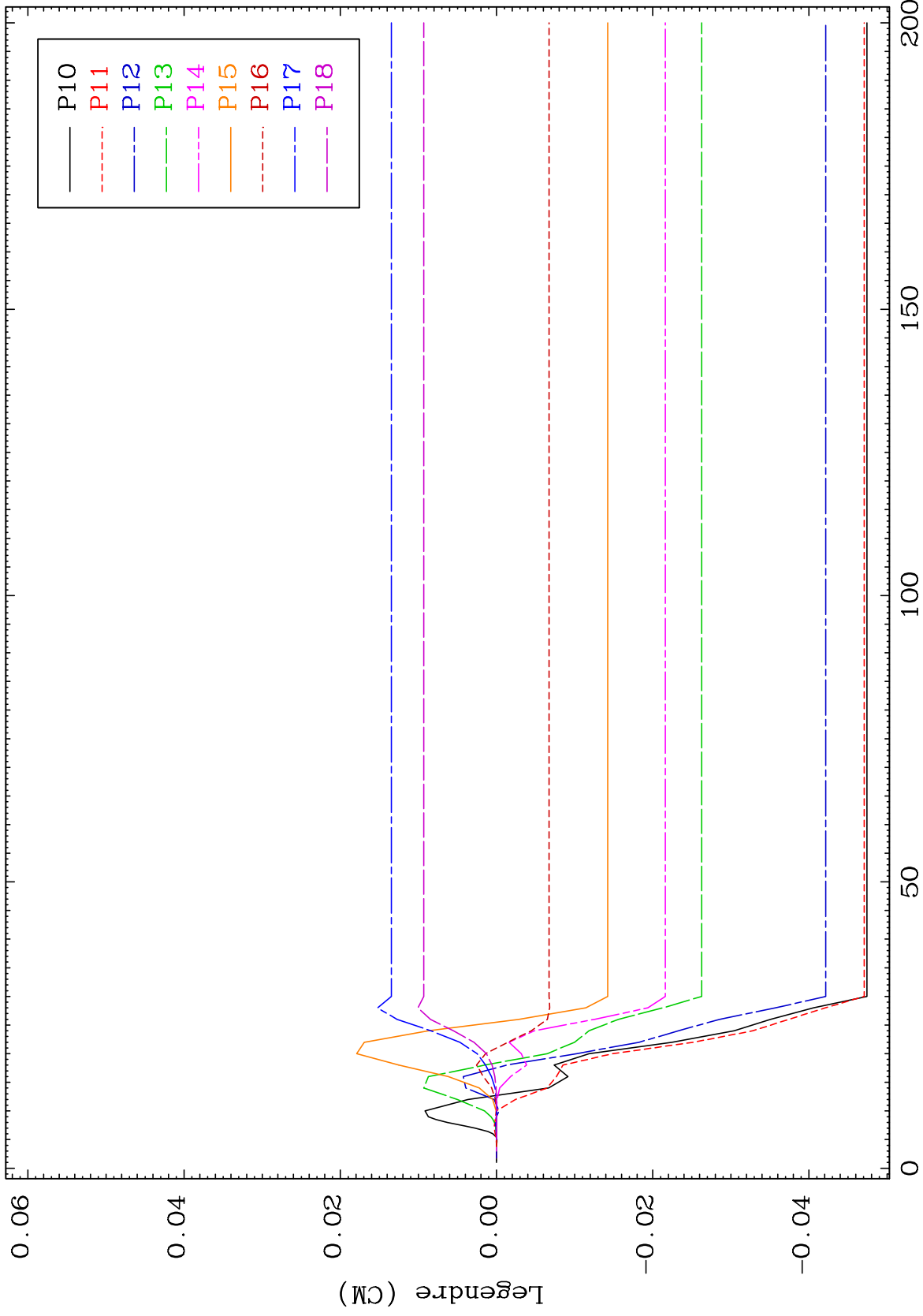
57-La-137



MAT 5722

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

57-La-137



57-La-137

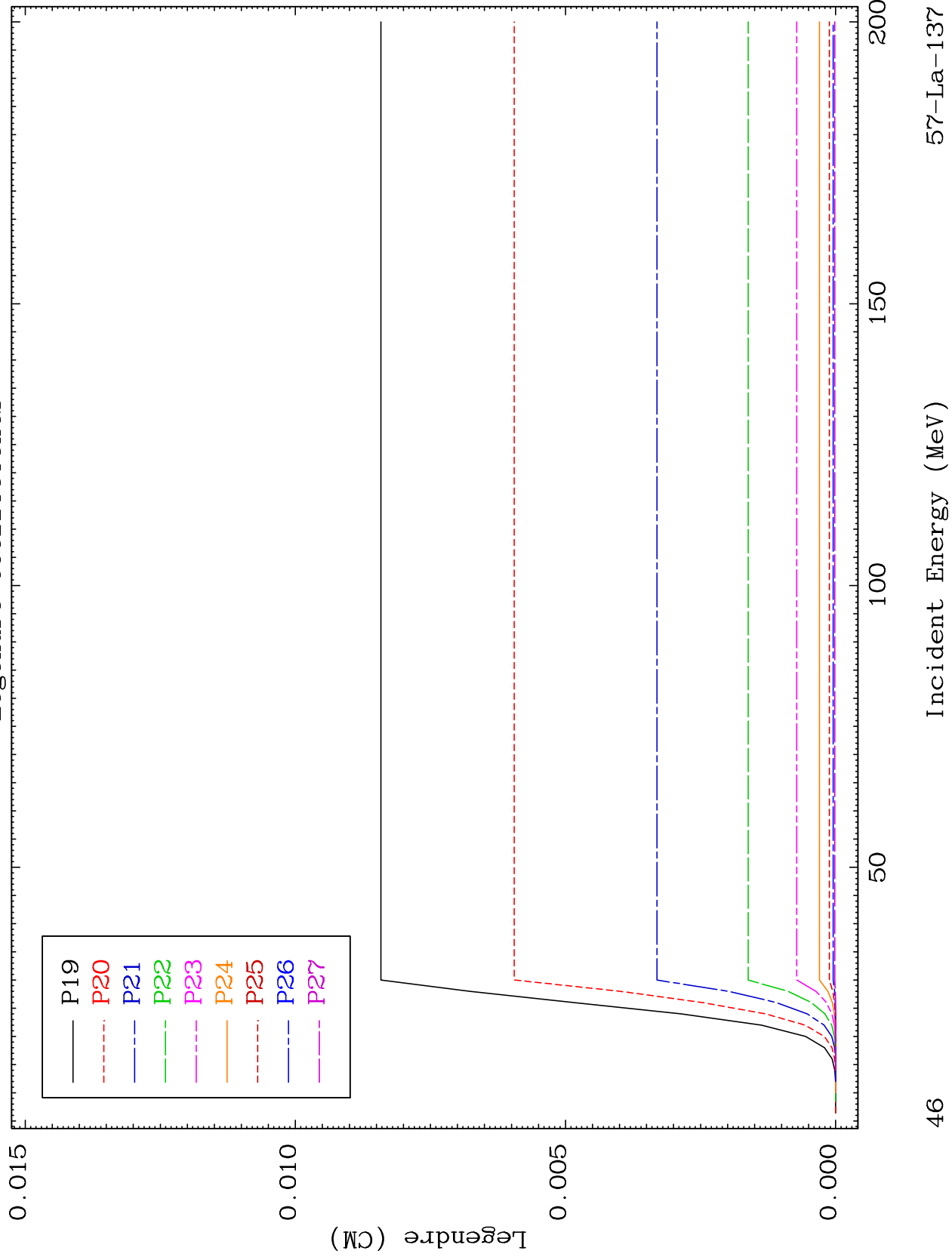
Incident Energy (MeV)

45

MAT 5722

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

57-La-137



46

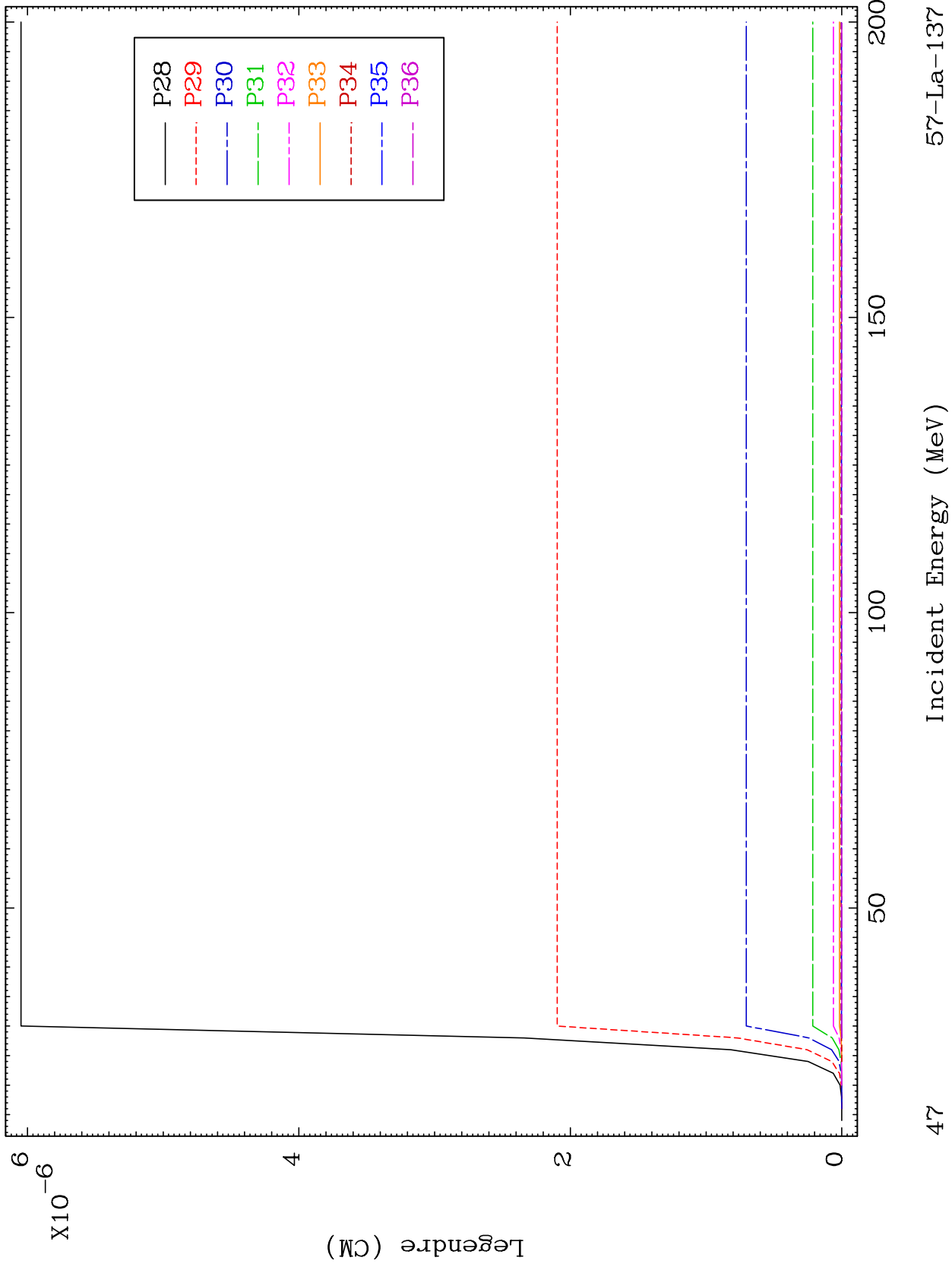
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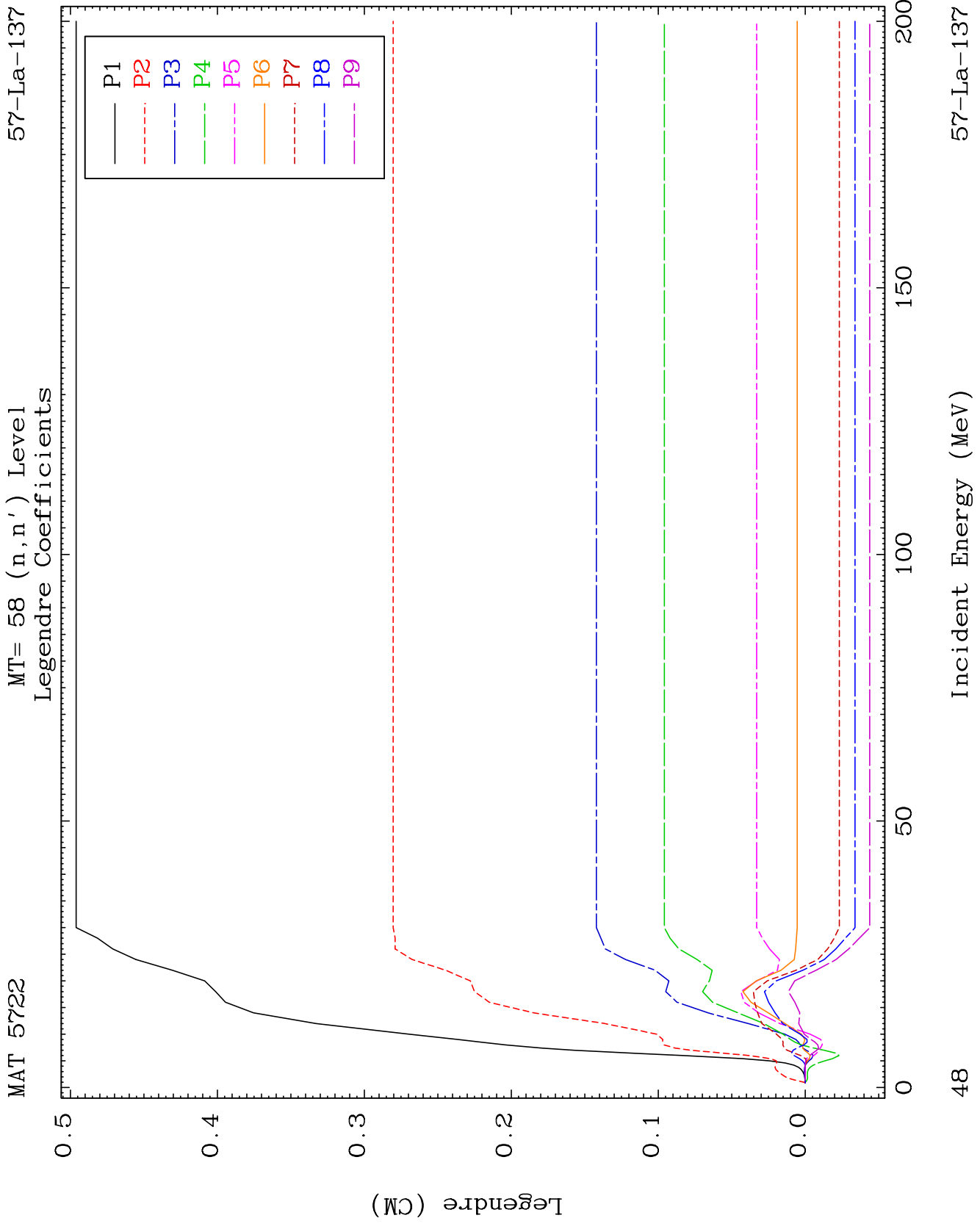
57-La-137

MAT 5722

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

57-La-137

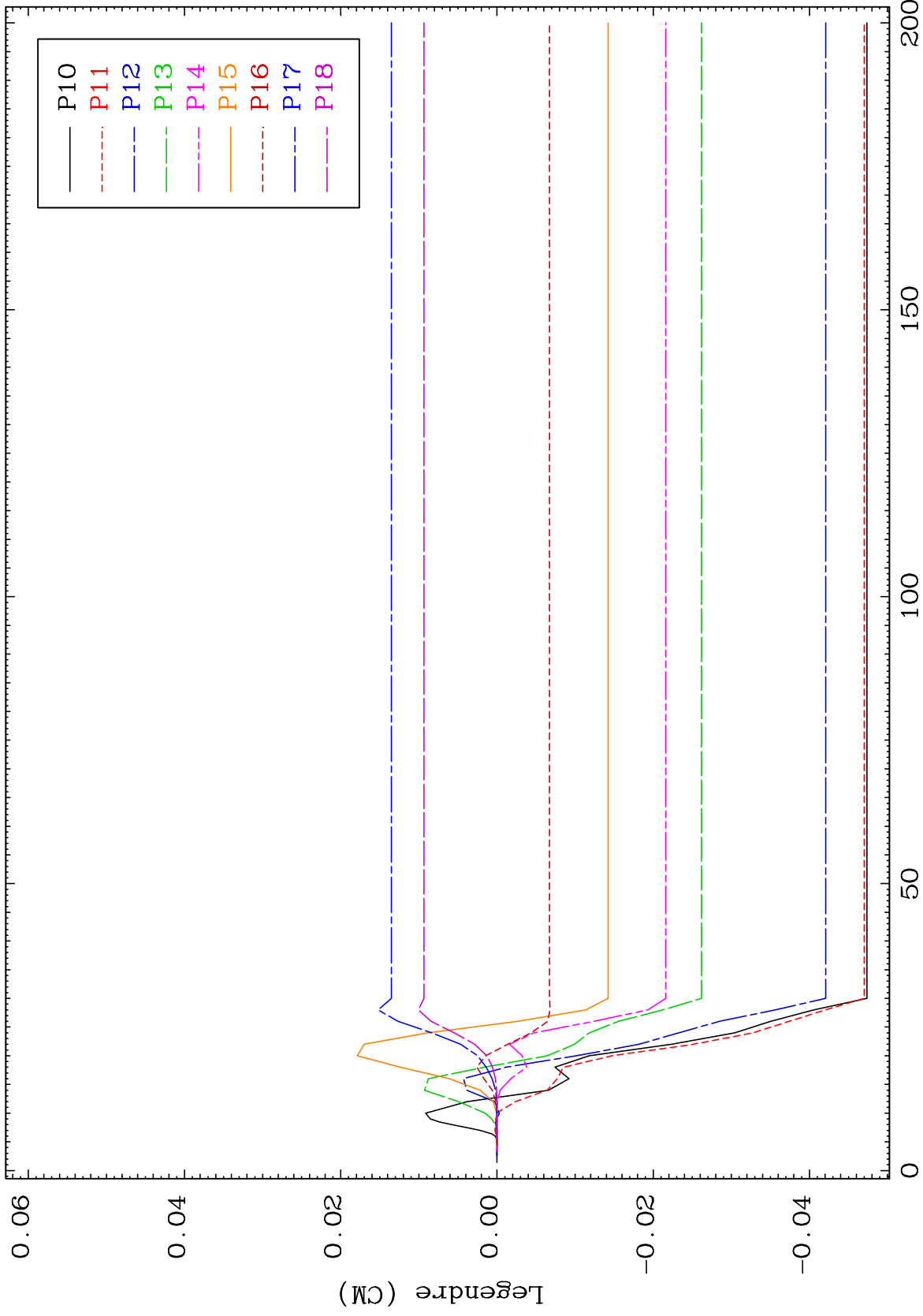




MAT 5722

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

57-La-137



49

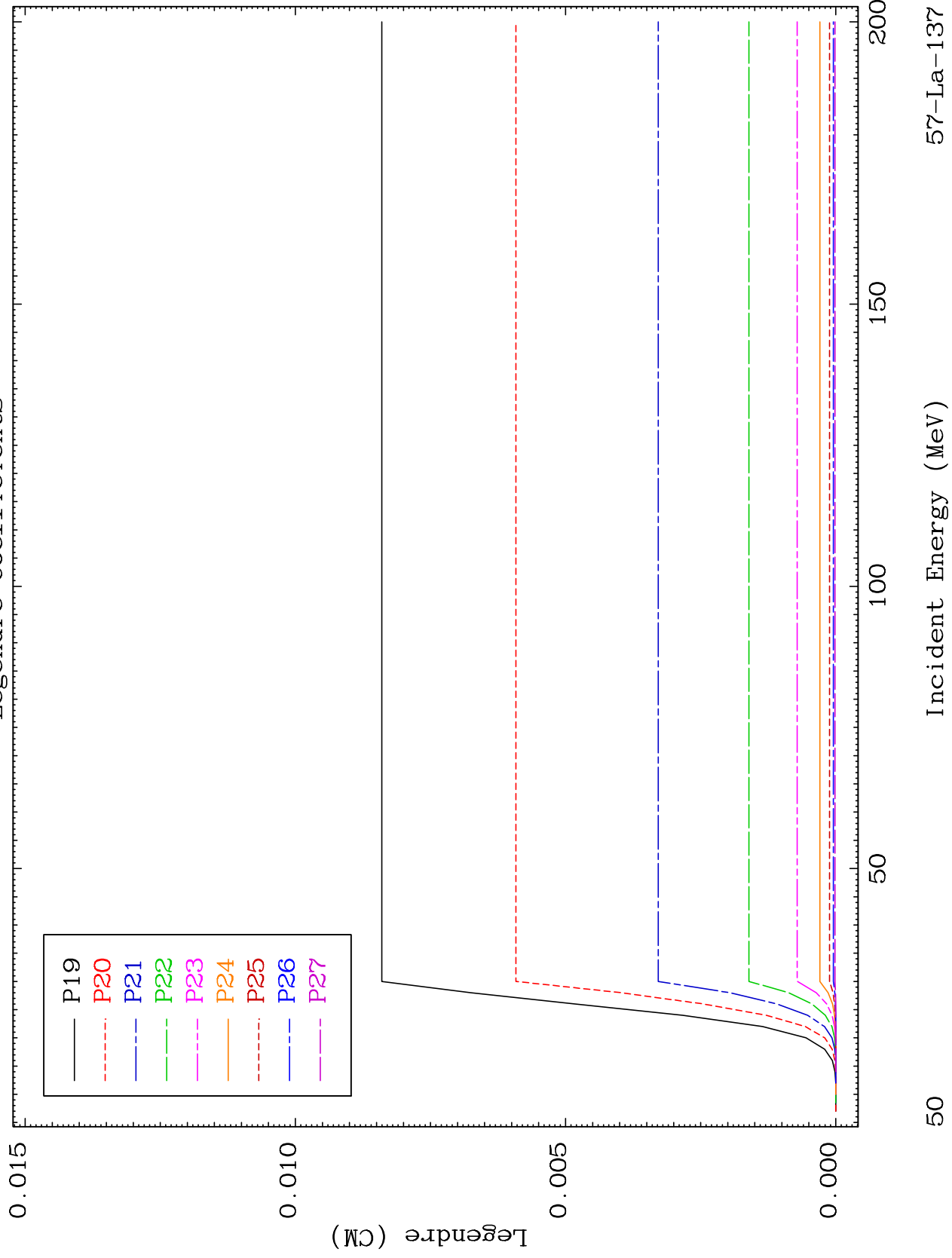
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



57-La-137

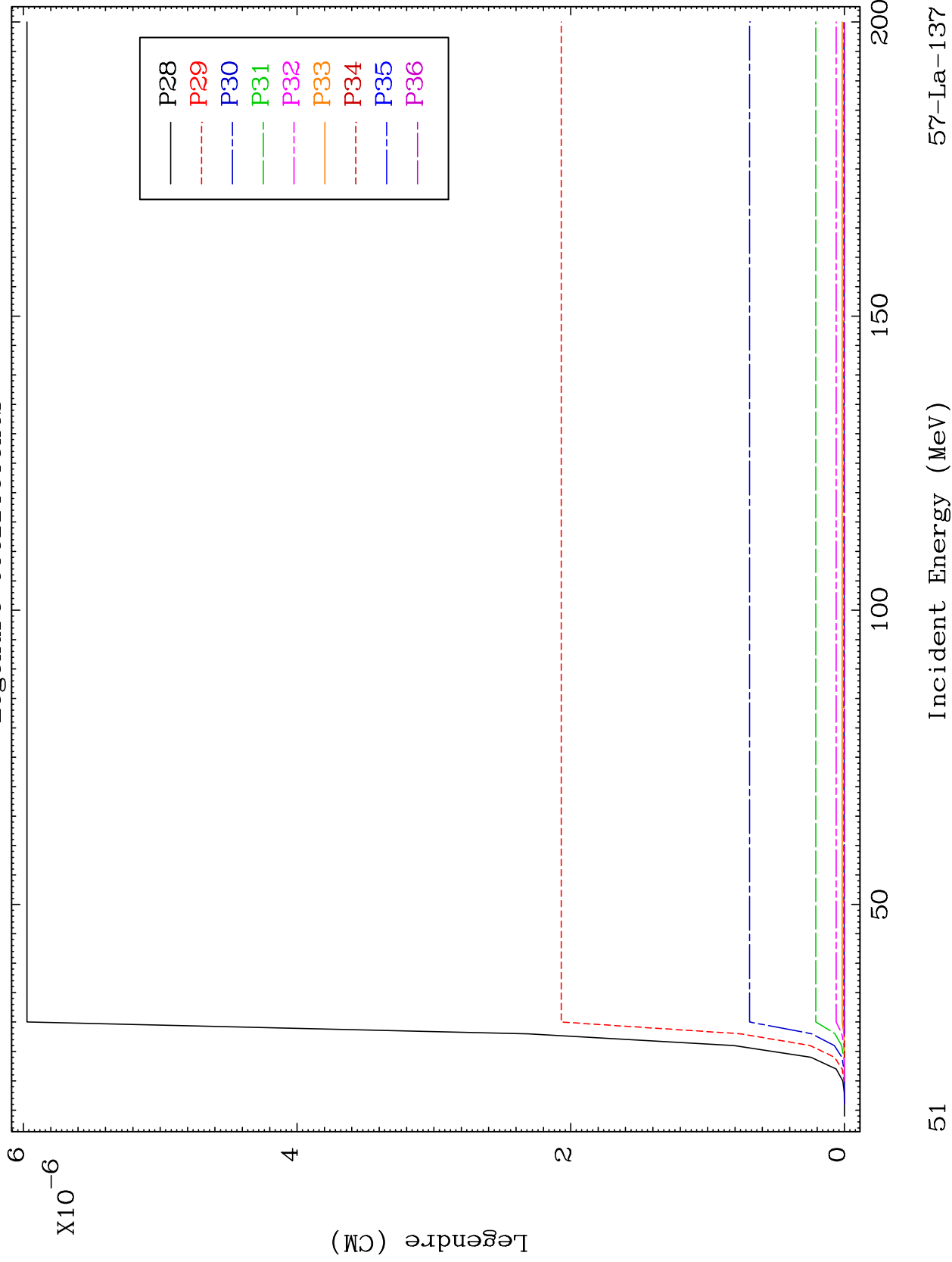
Incident Energy (MeV)

50

MAT 5722

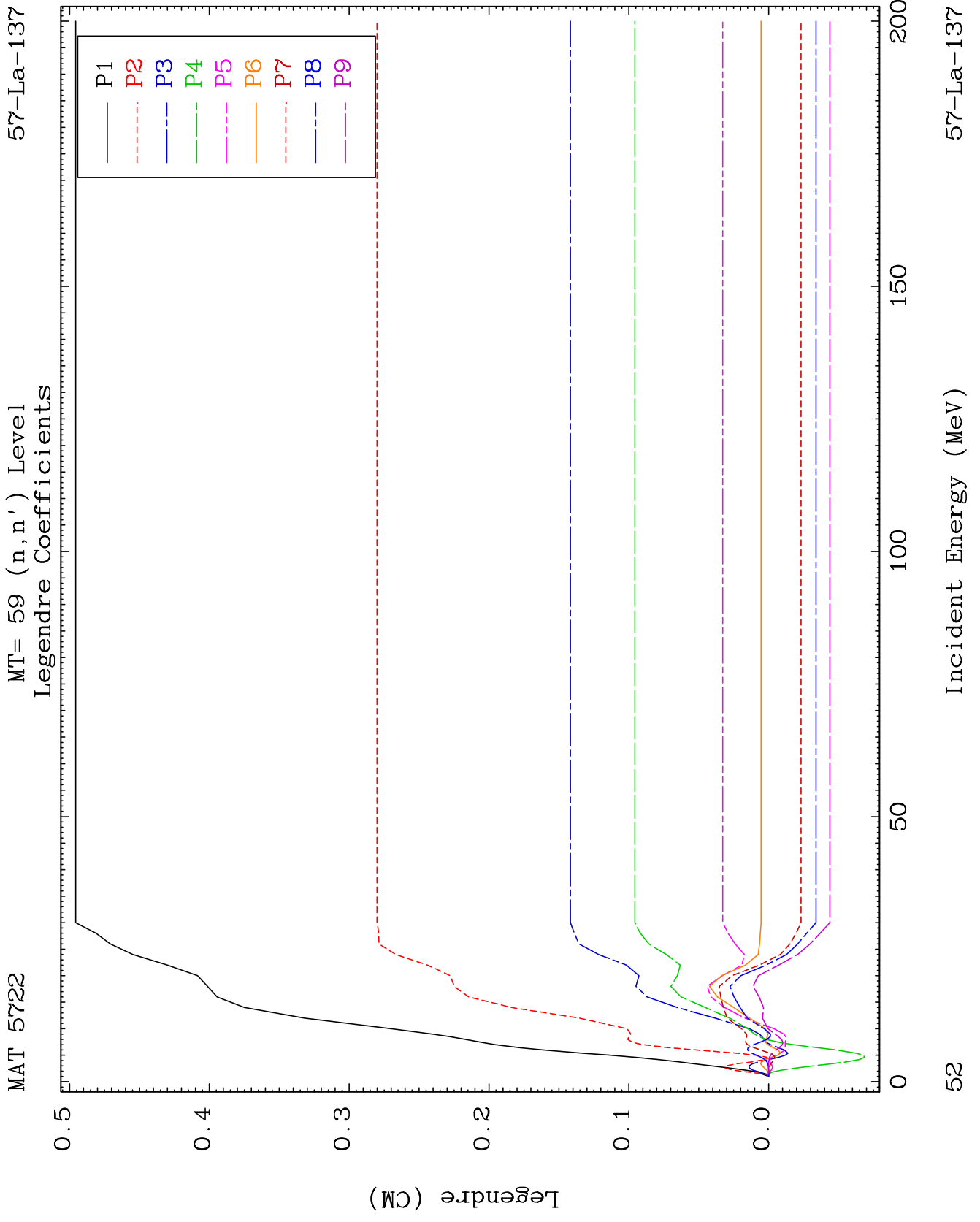
MT= 58 (n,n') Level
Legendre Coefficients

57-La-137



51

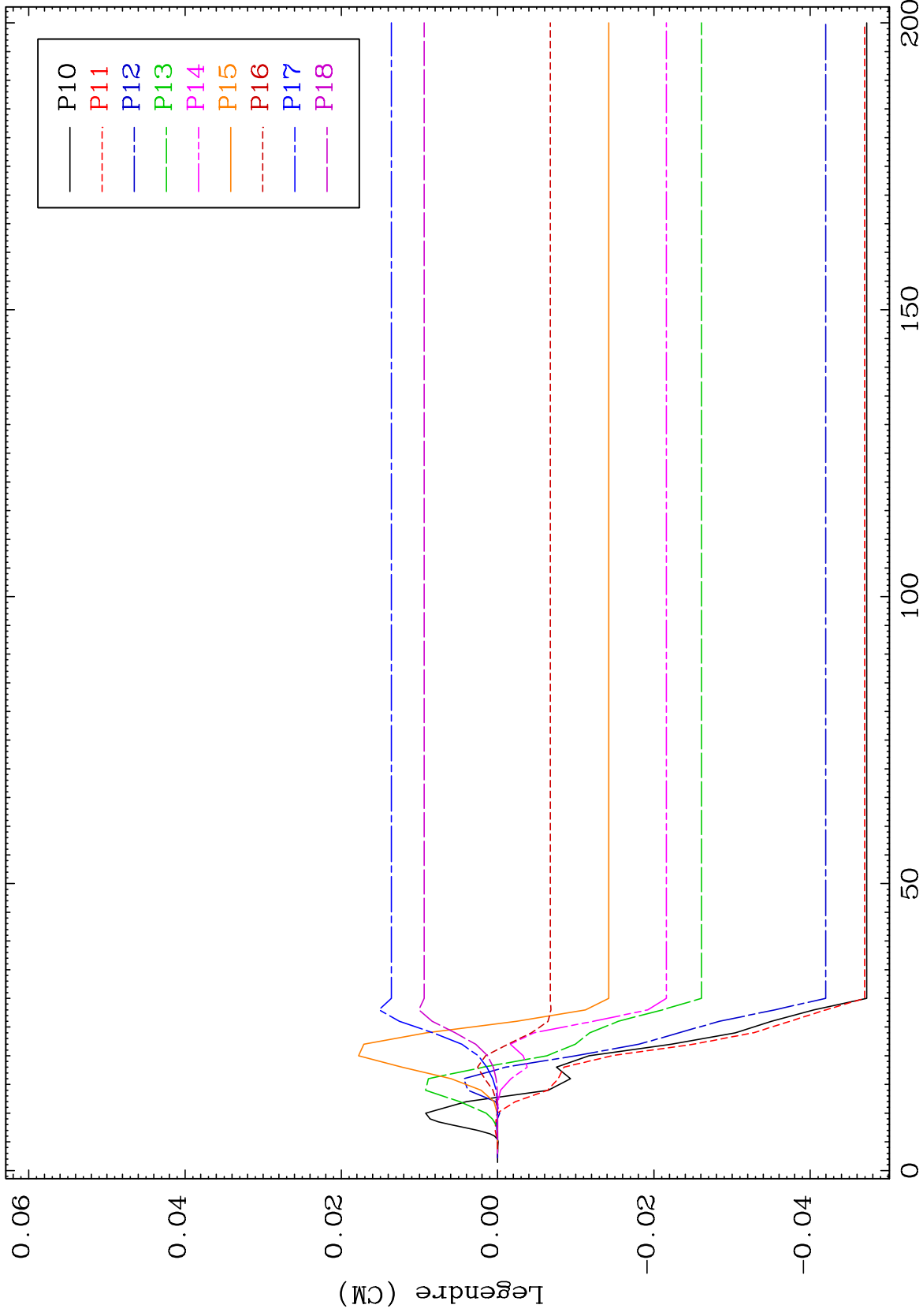
57-La-137



MAT 5722

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

57-La-137



53

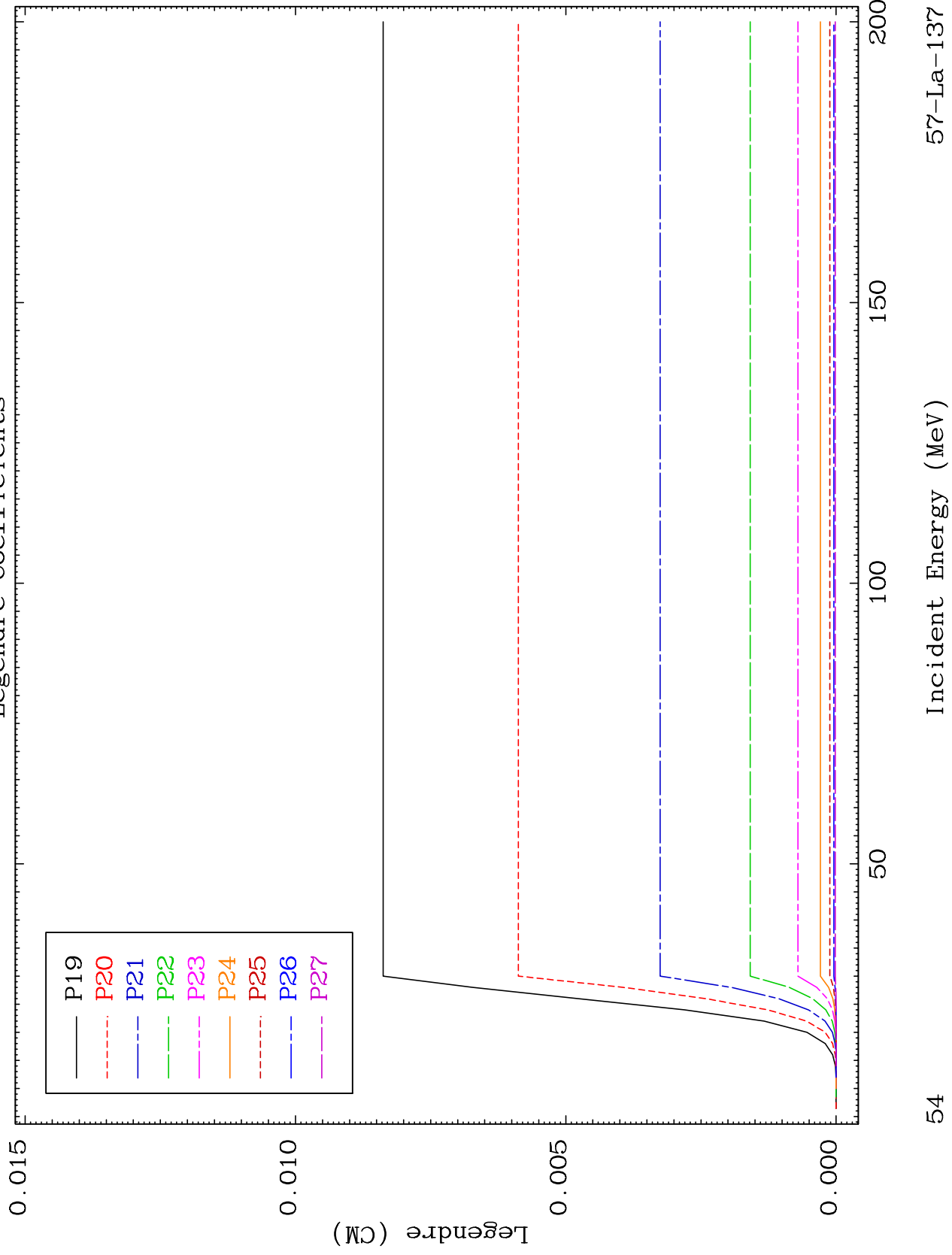
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



57-La-137

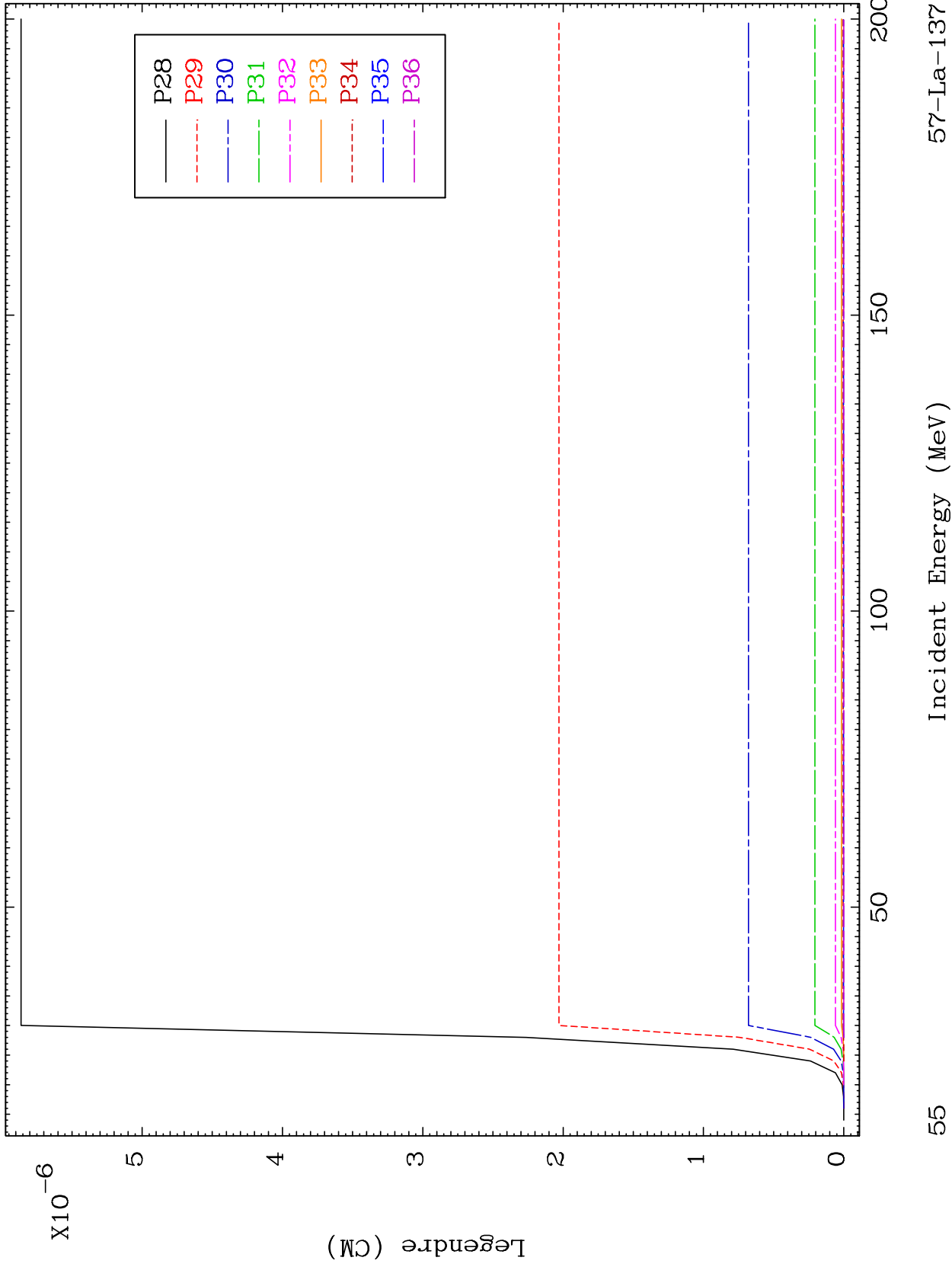
Incident Energy (MeV)

54

MAT 5722

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

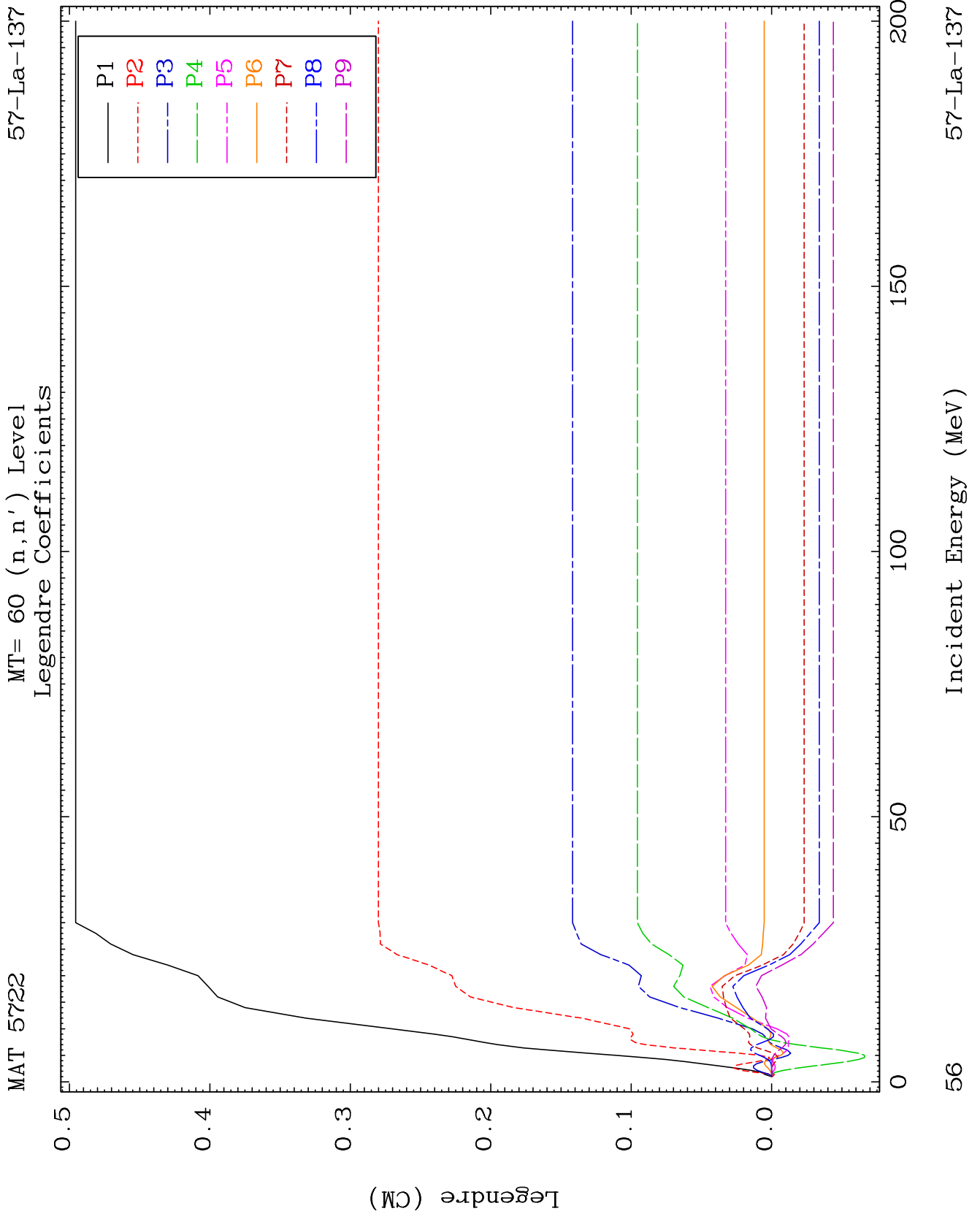
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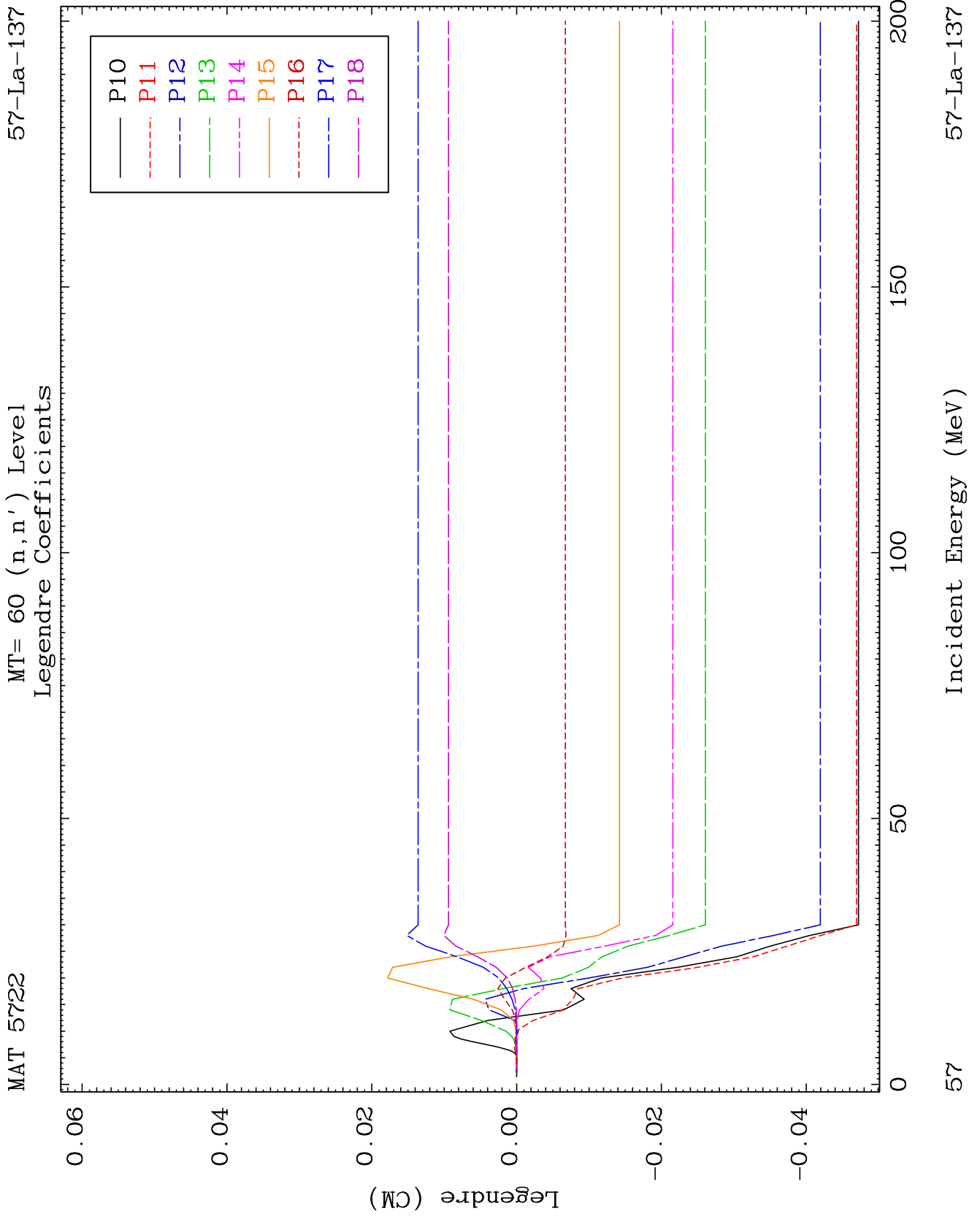


57-La-137

Incident Energy (MeV)

55

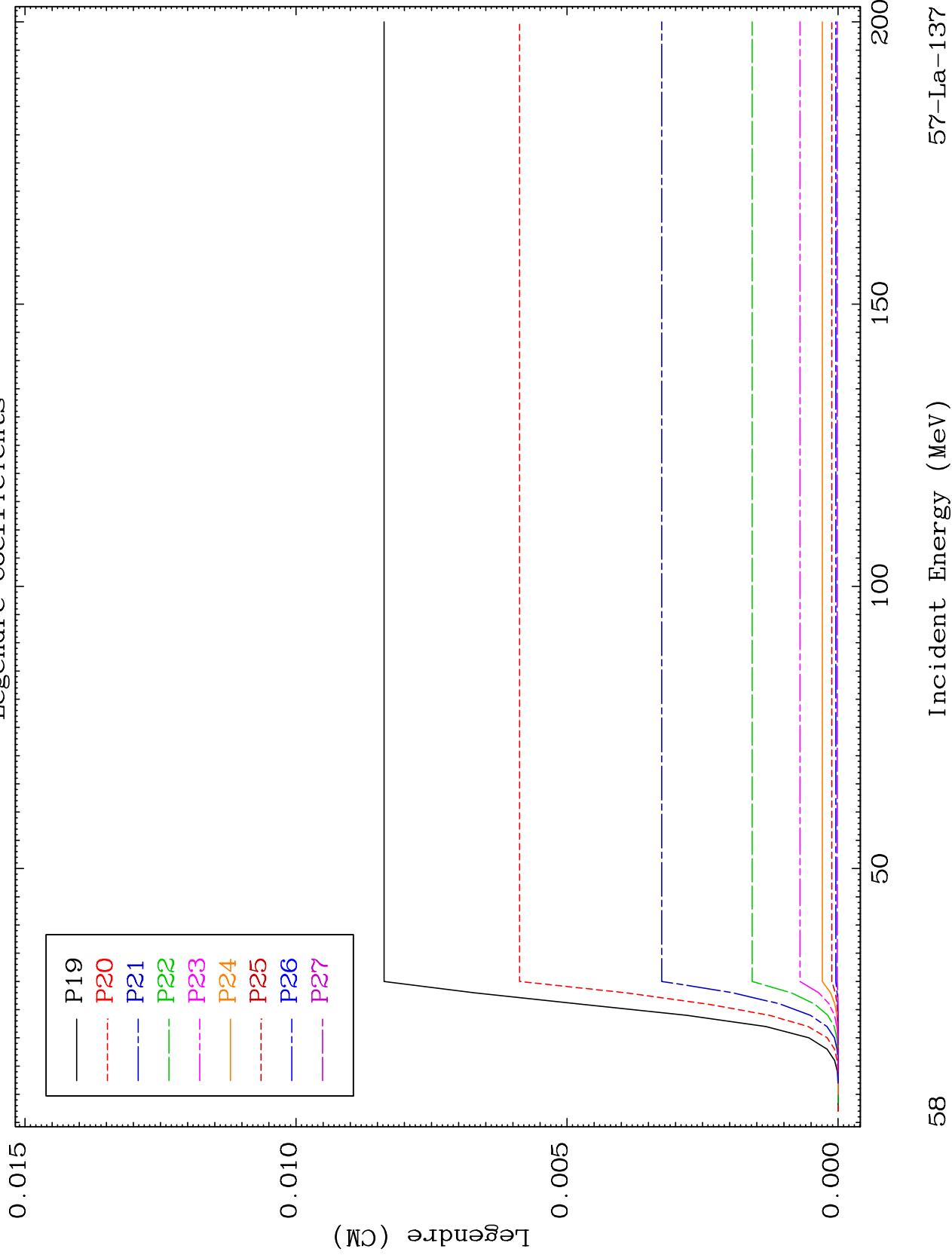




MAT 5722

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

57-La-137



58

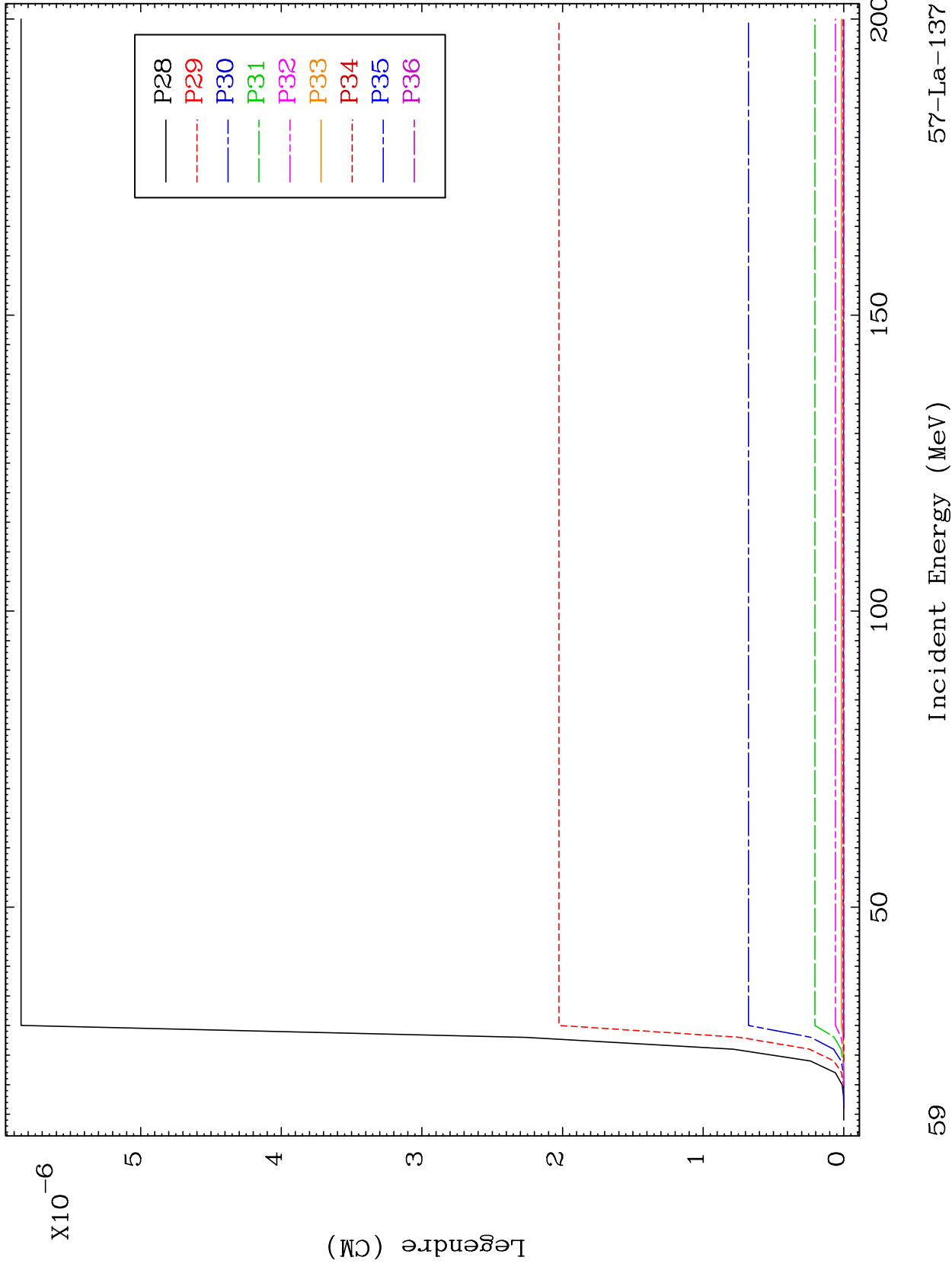
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



59

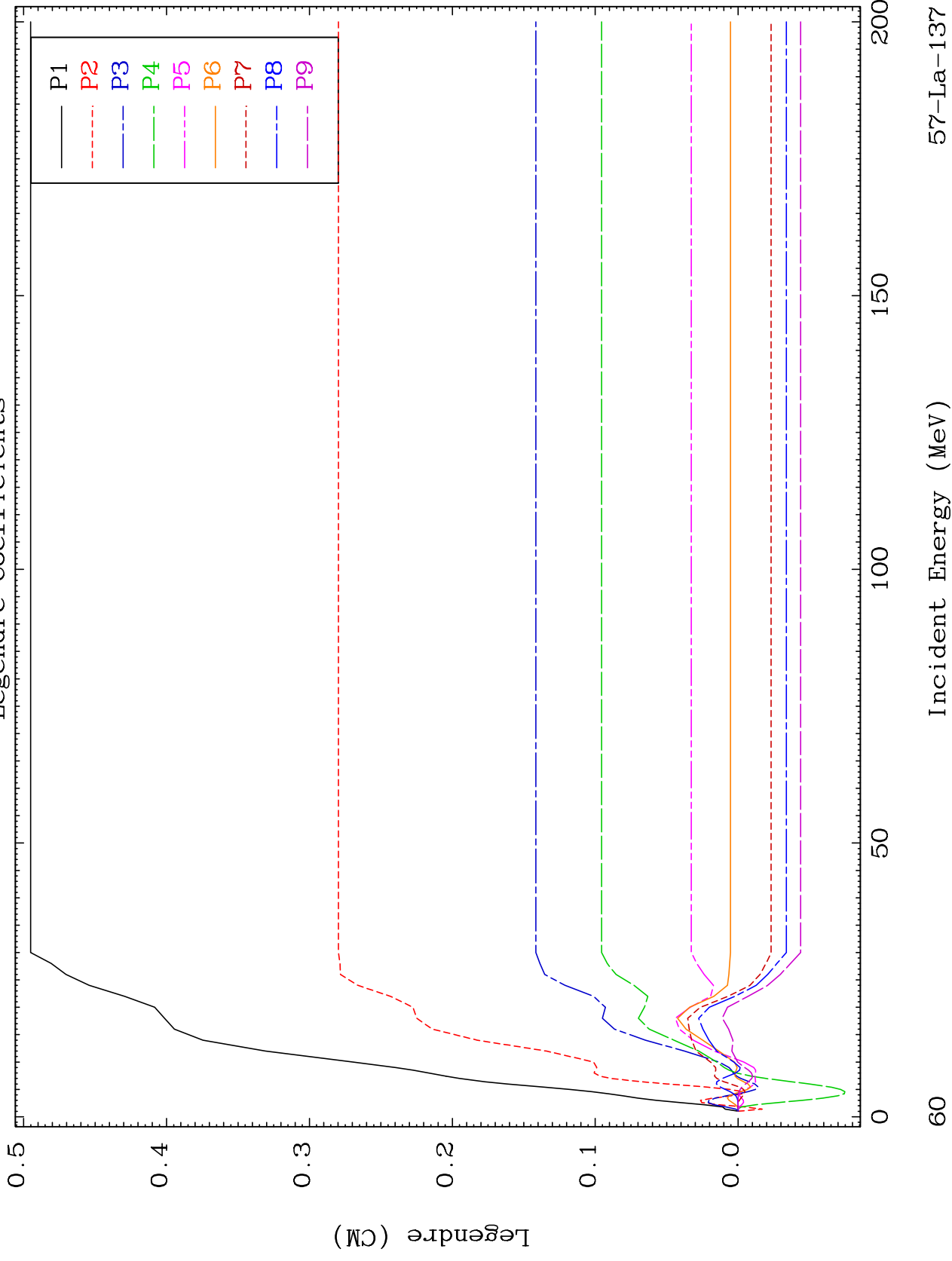
Incident Energy (MeV)

57-La-137

MAT 5722

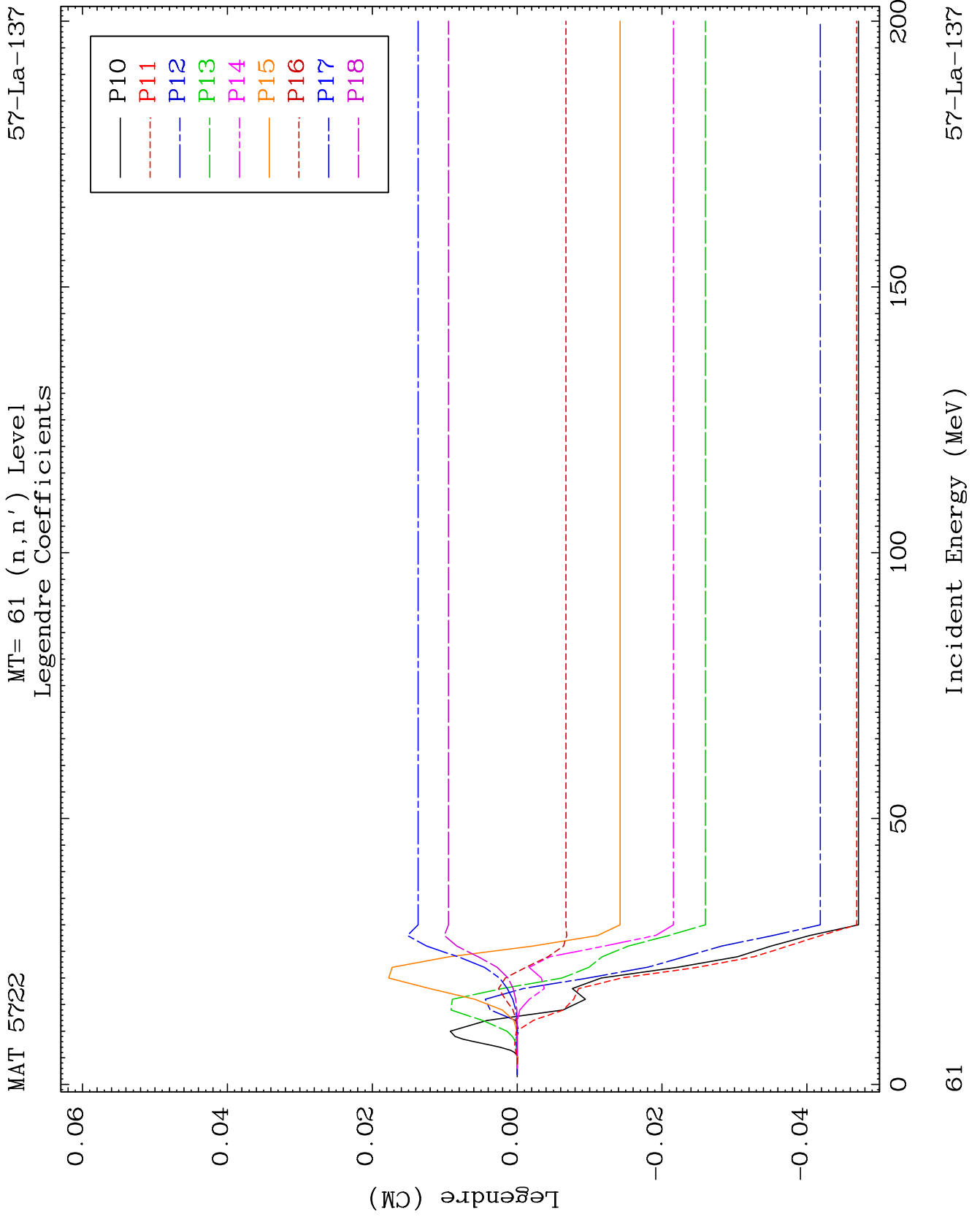
MT= 61 (n,n') Level
Legendre Coefficients

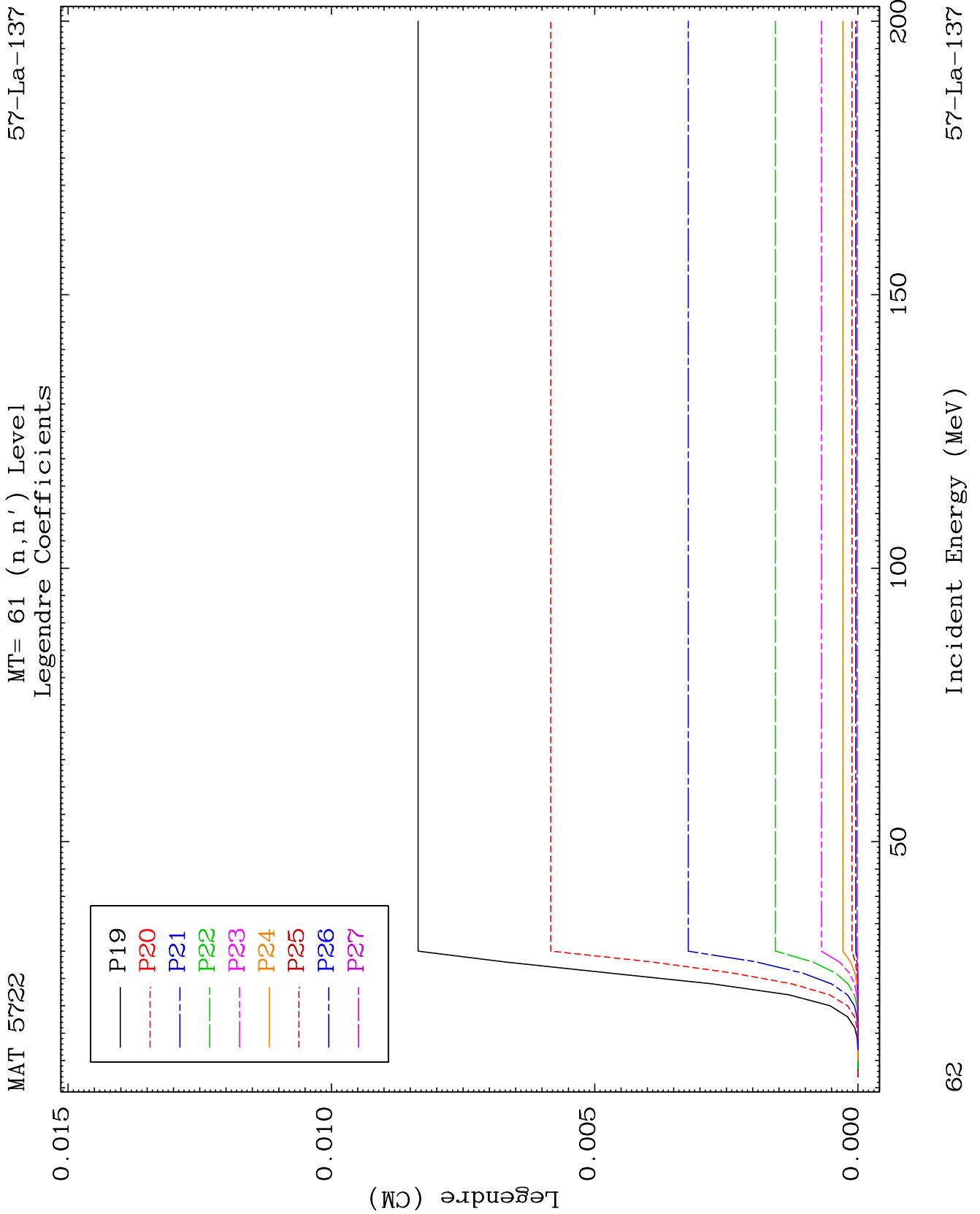
57-La-137



57-La-137

Incident Energy (MeV)

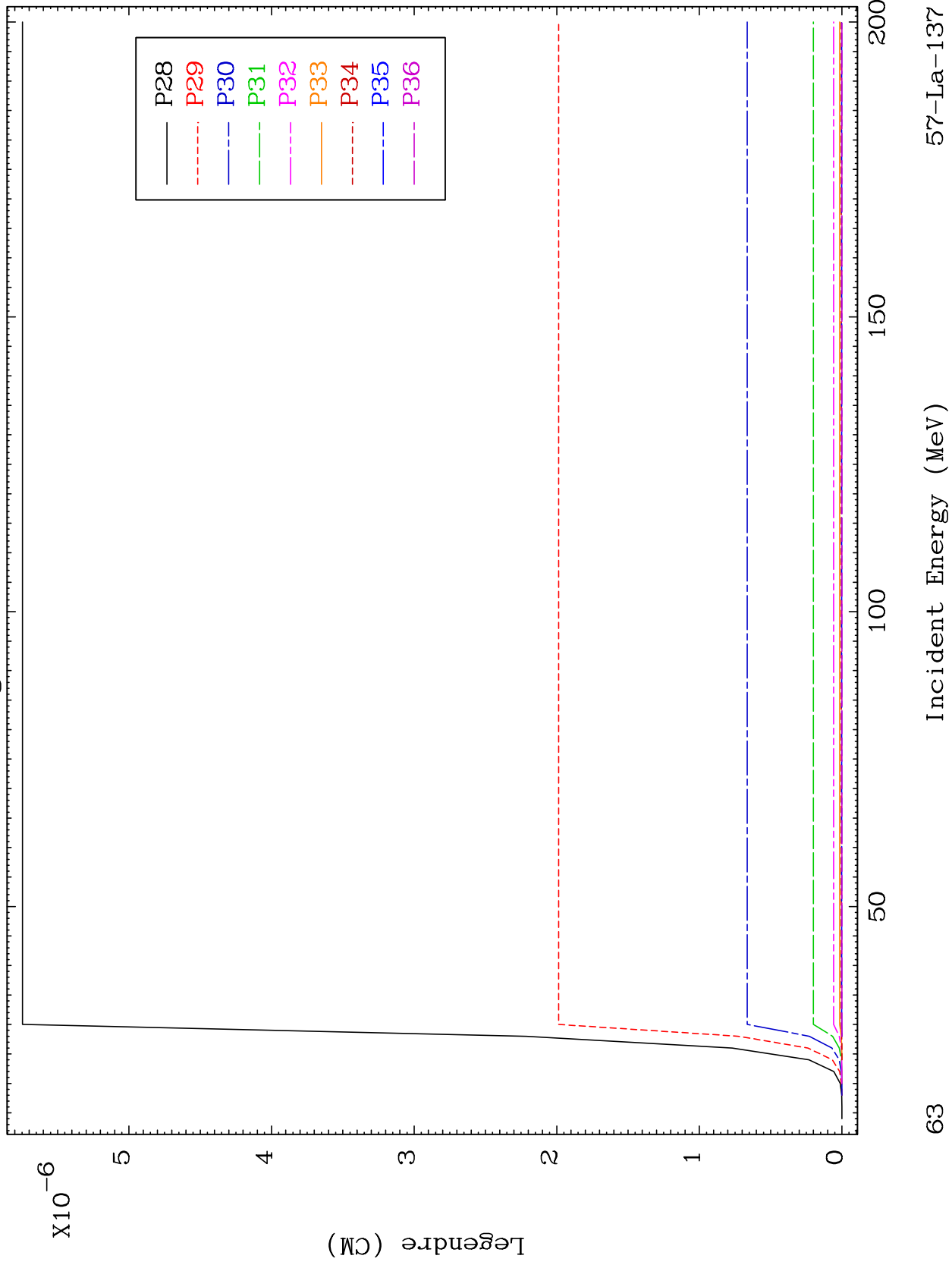


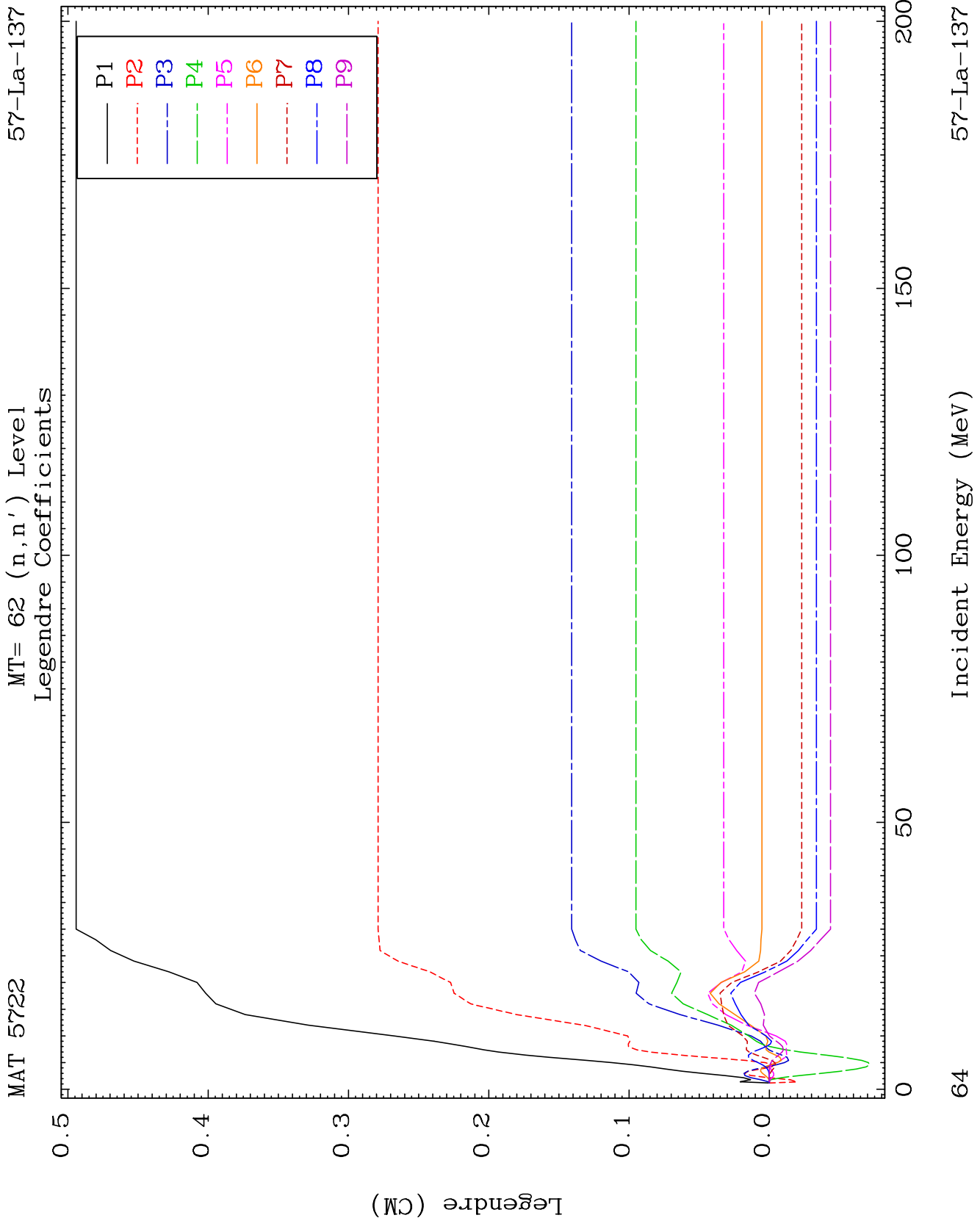


MAT 5722

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

57-La-137

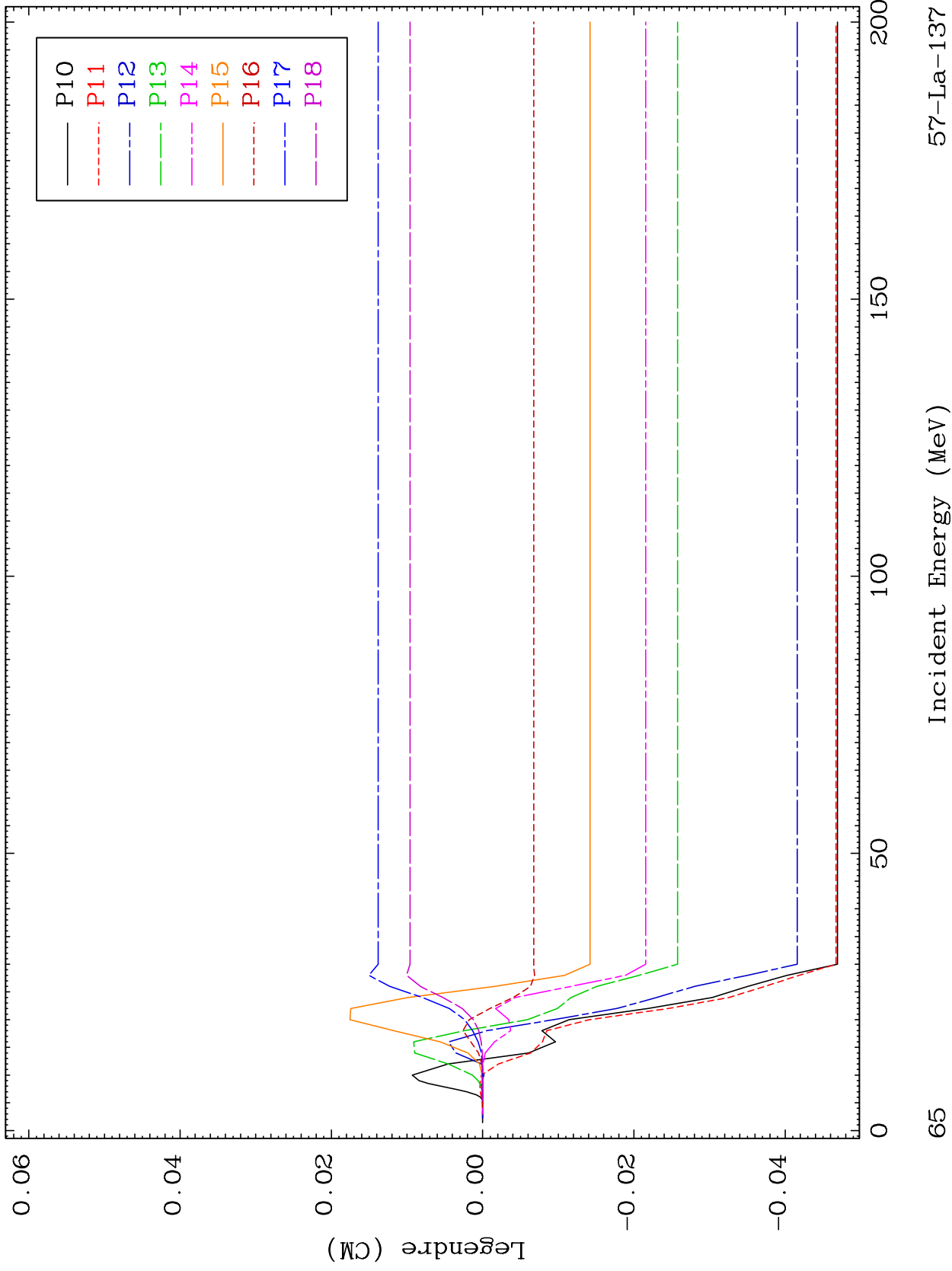




MAT 5722

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

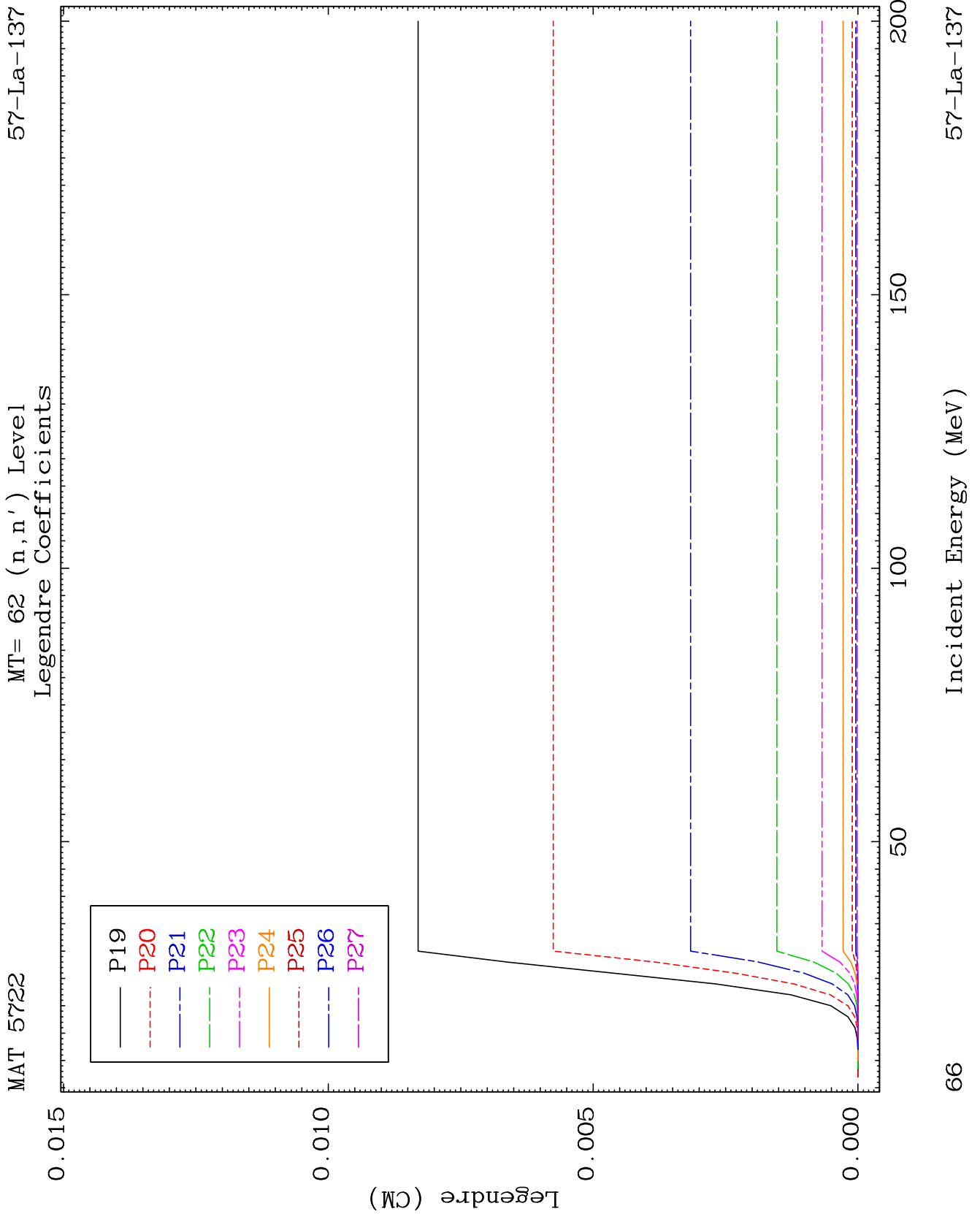
57-La-137



57-La-137

Incident Energy (MeV)

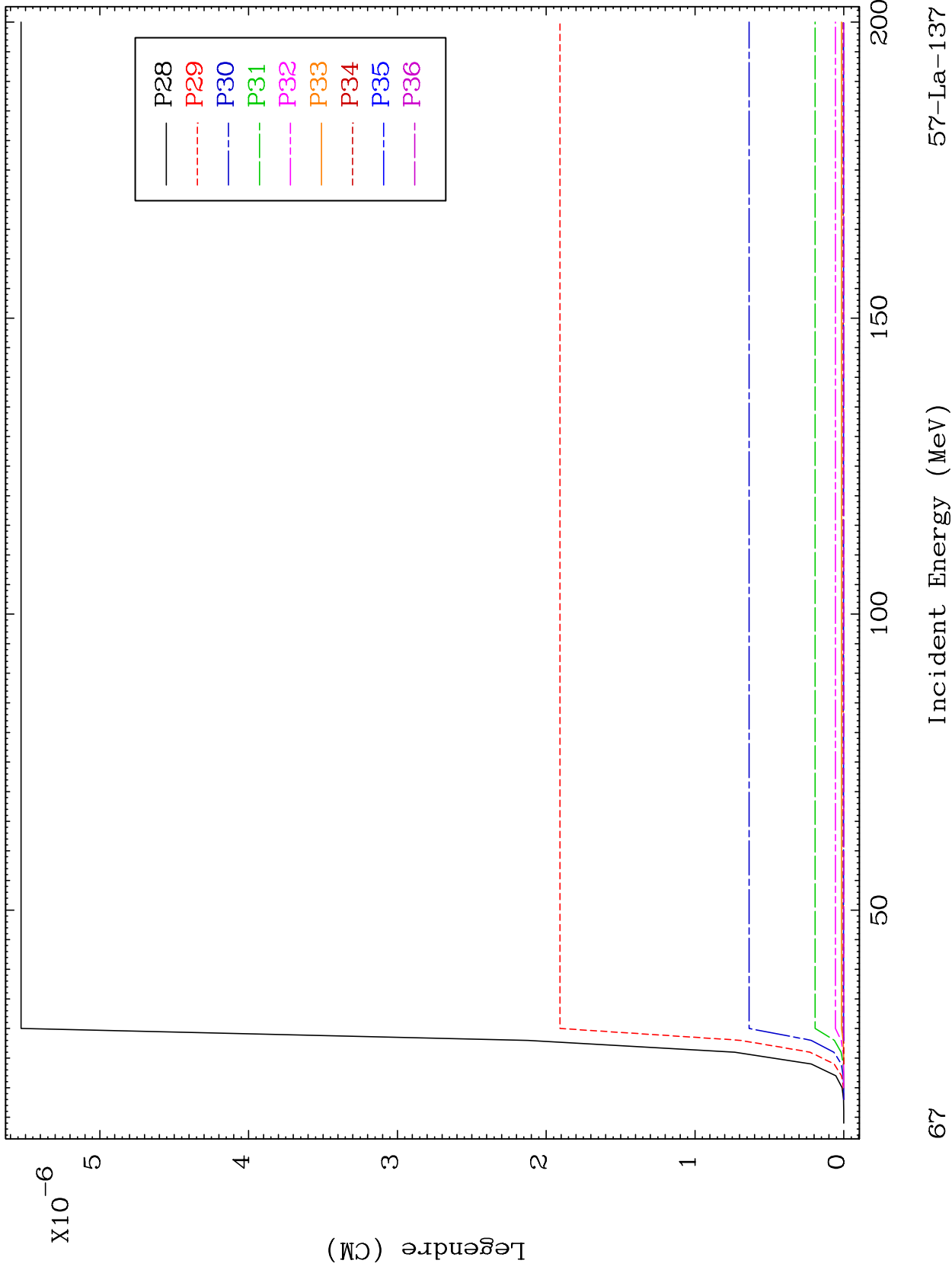
65

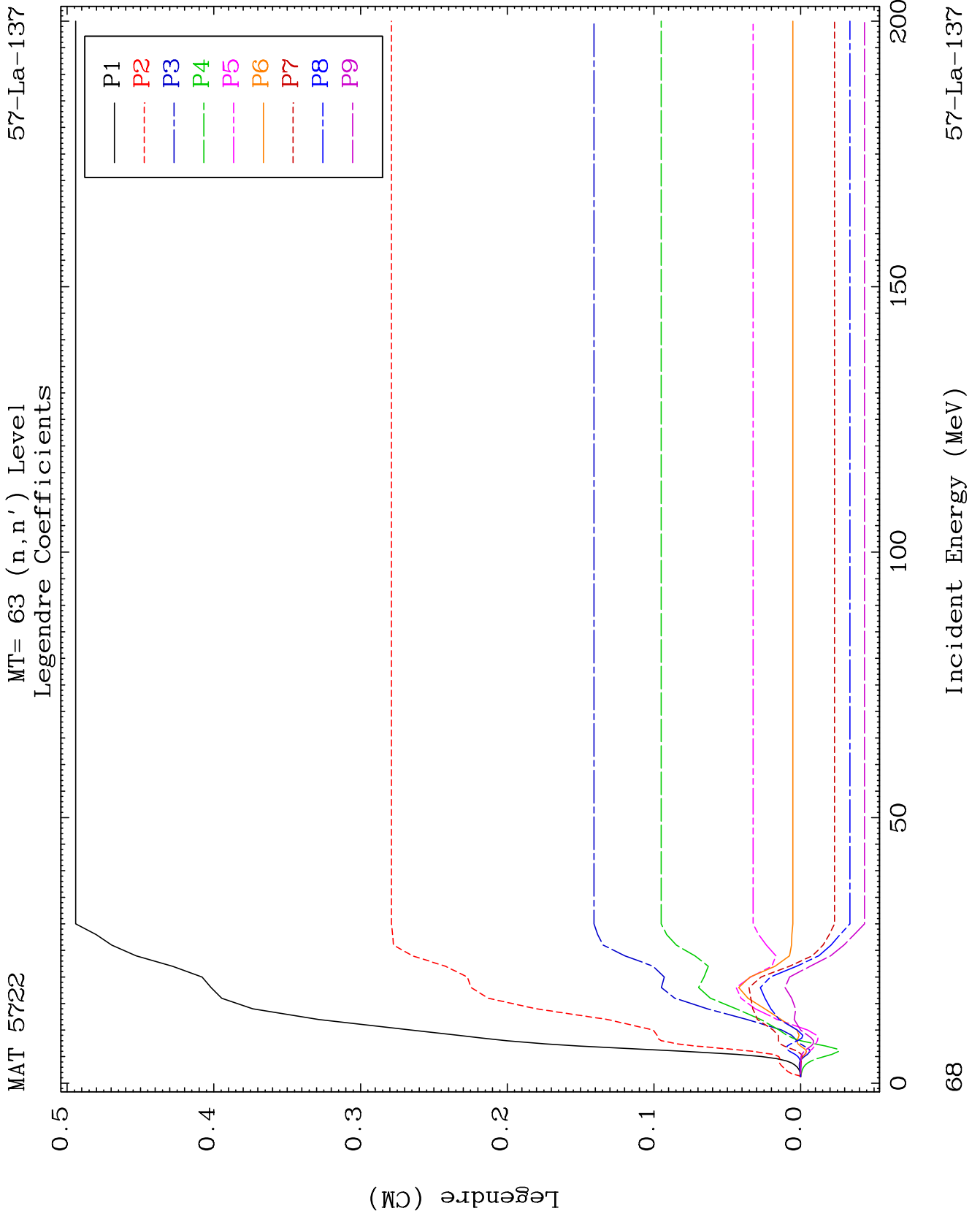


MAT 5722

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

57-La-137

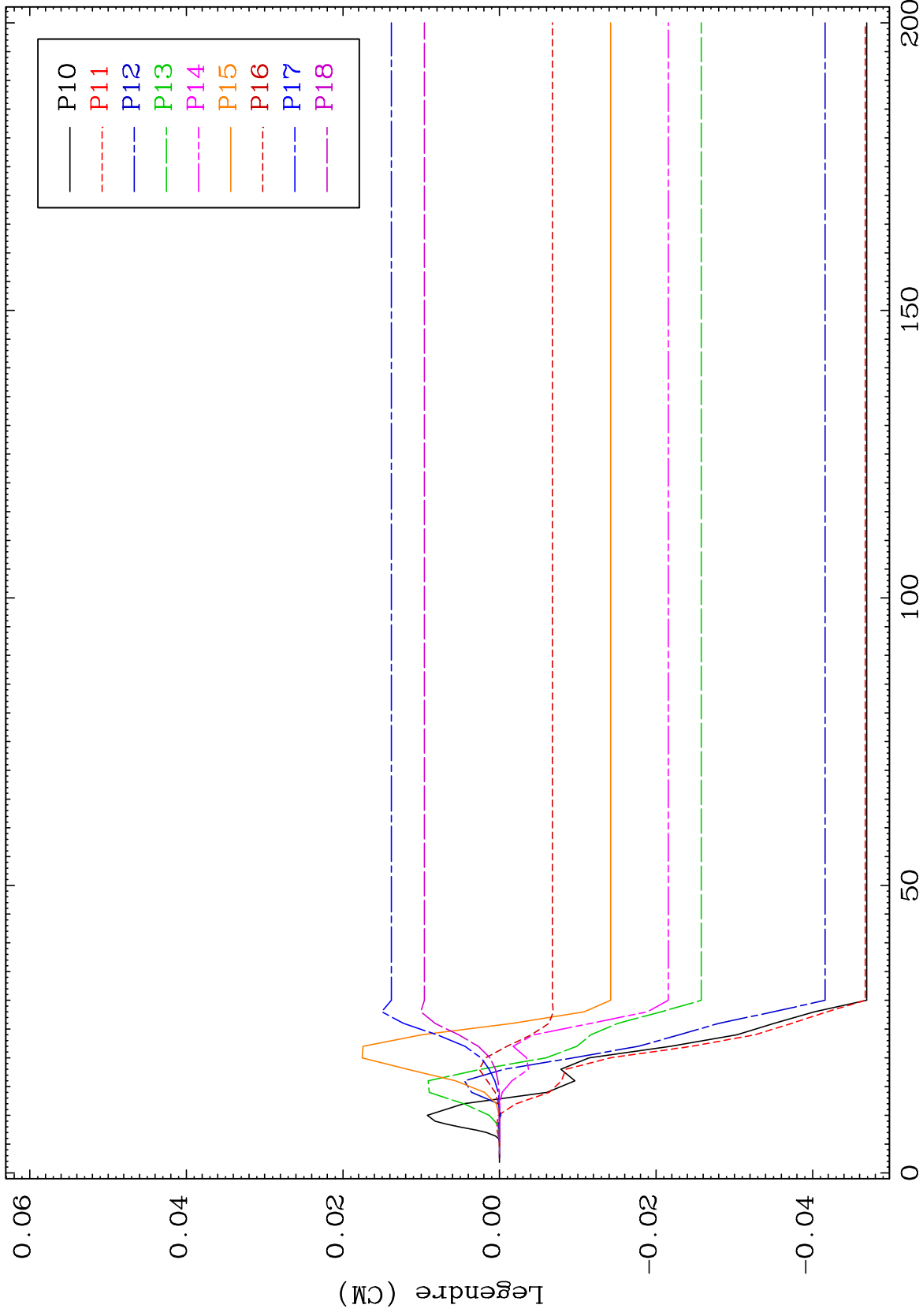




MAT 5722

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

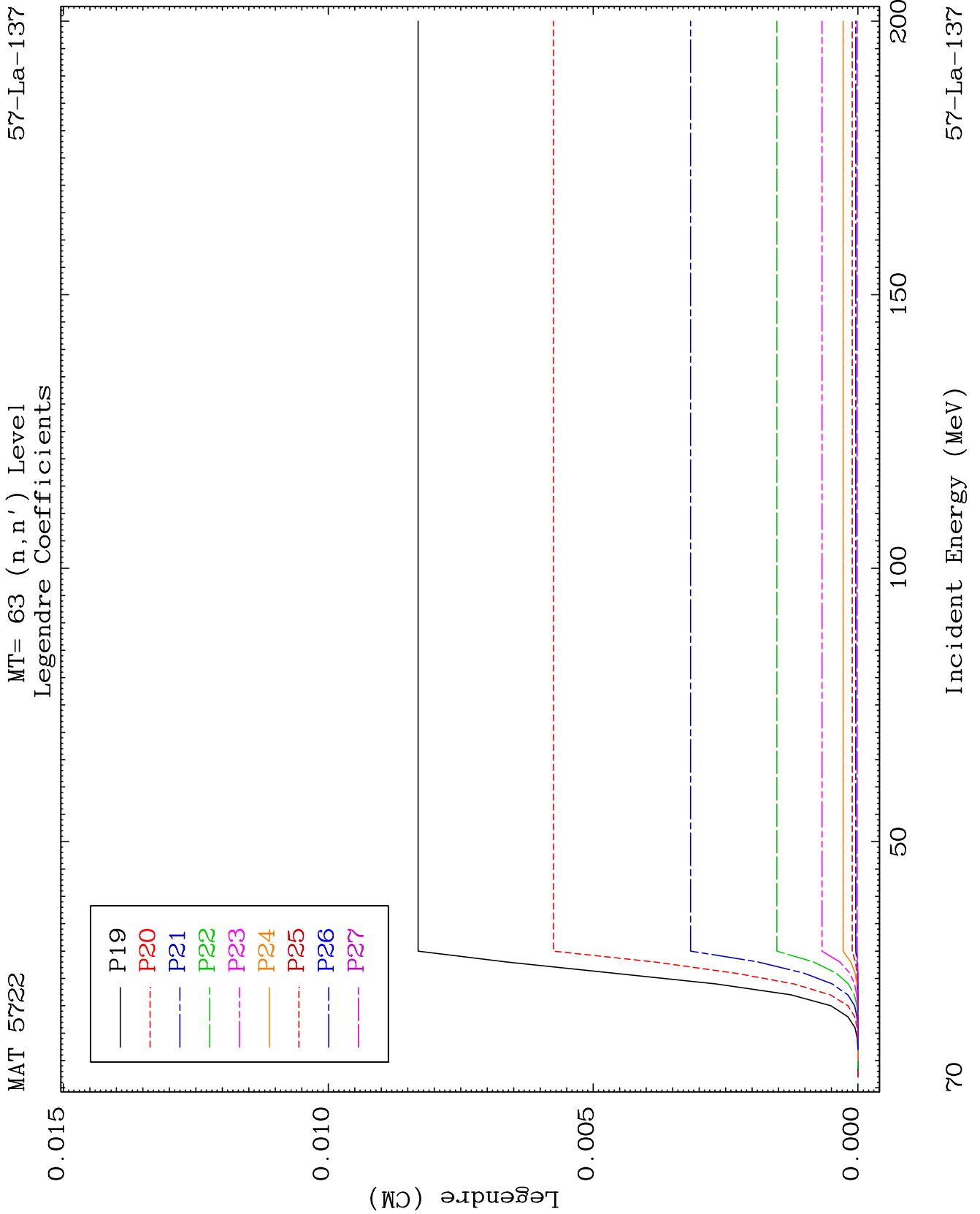
57-La-137



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Incident Energy (MeV)

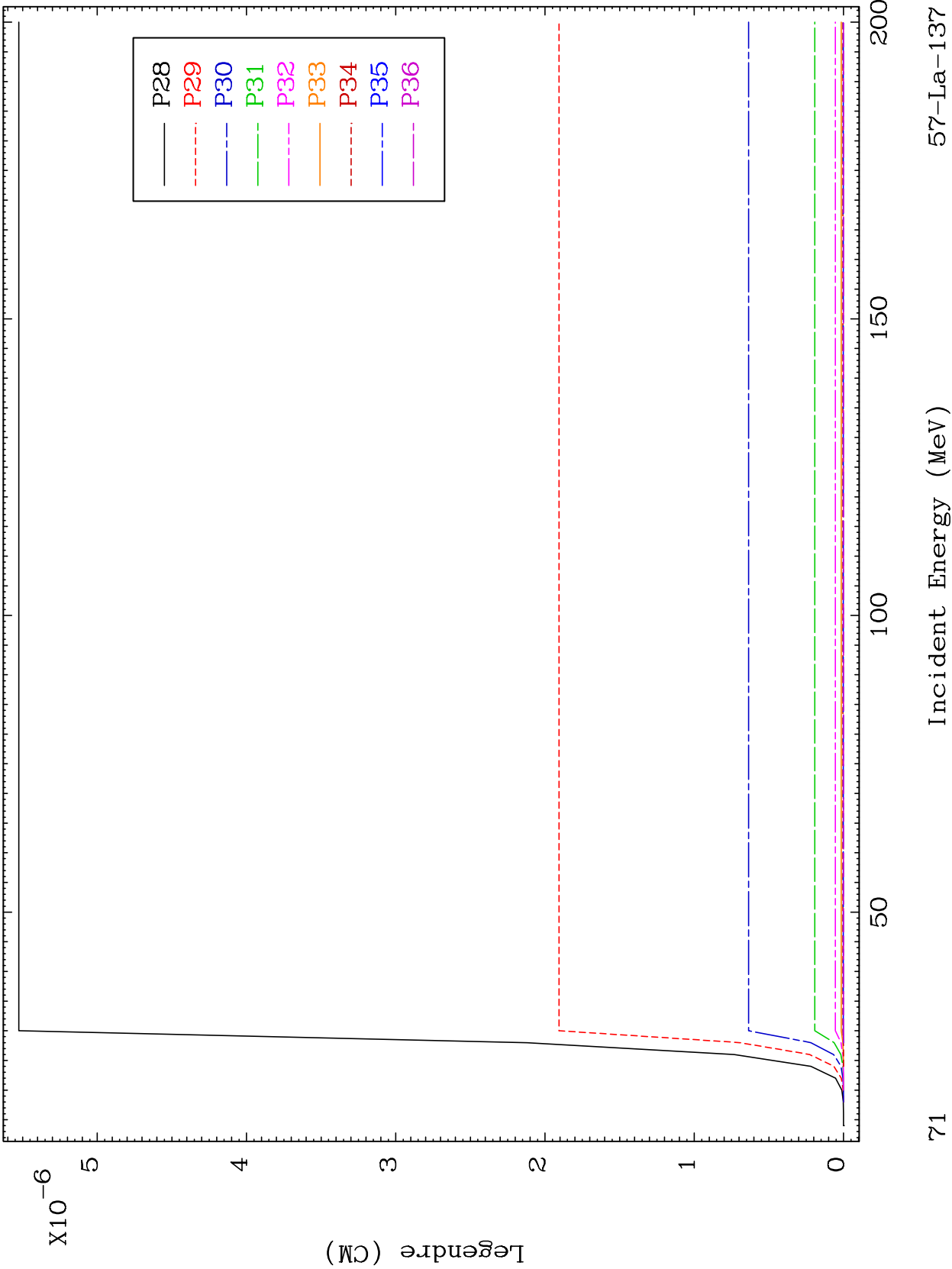
57-La-137



MAT 5722

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

57-La-137



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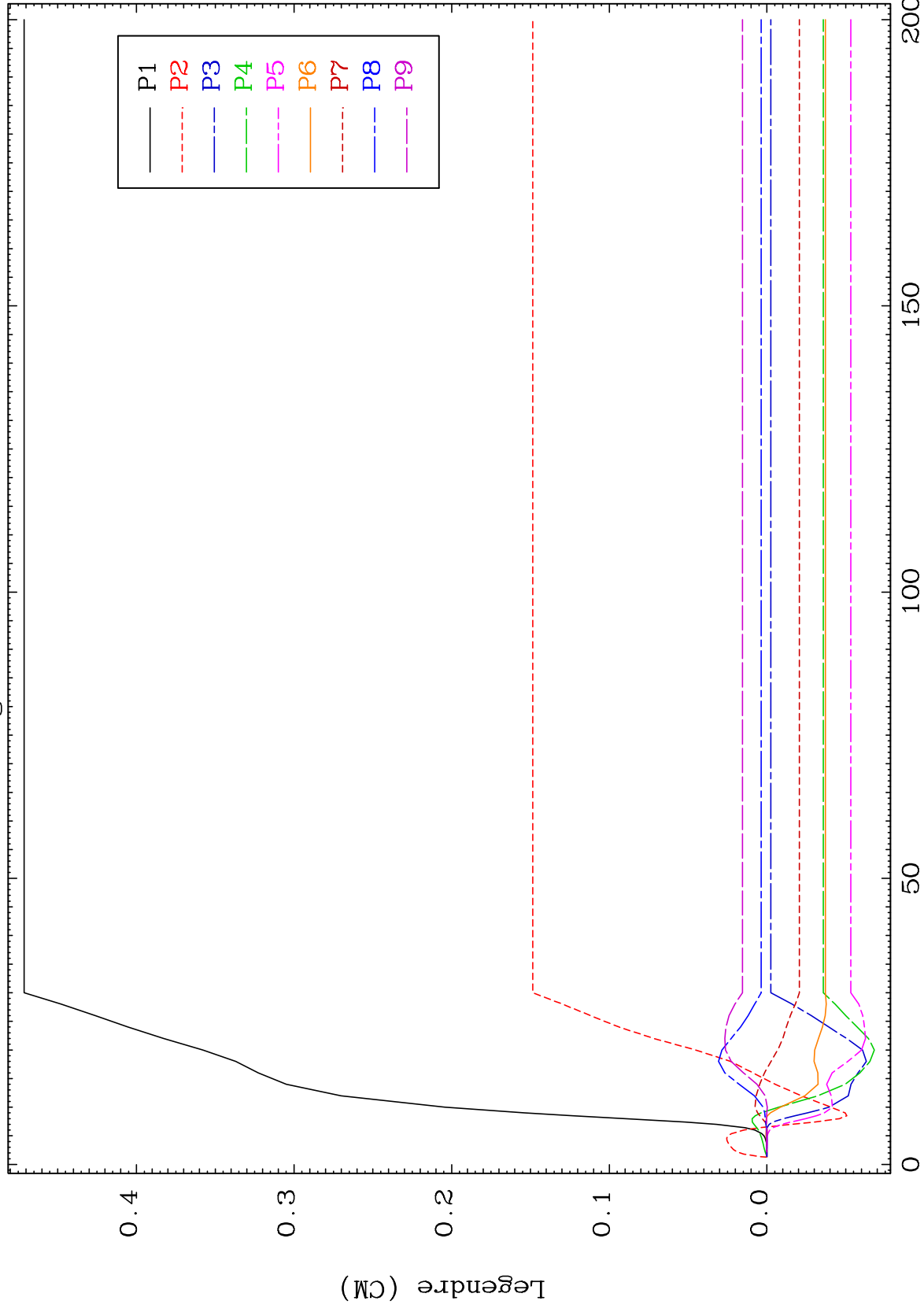
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



72

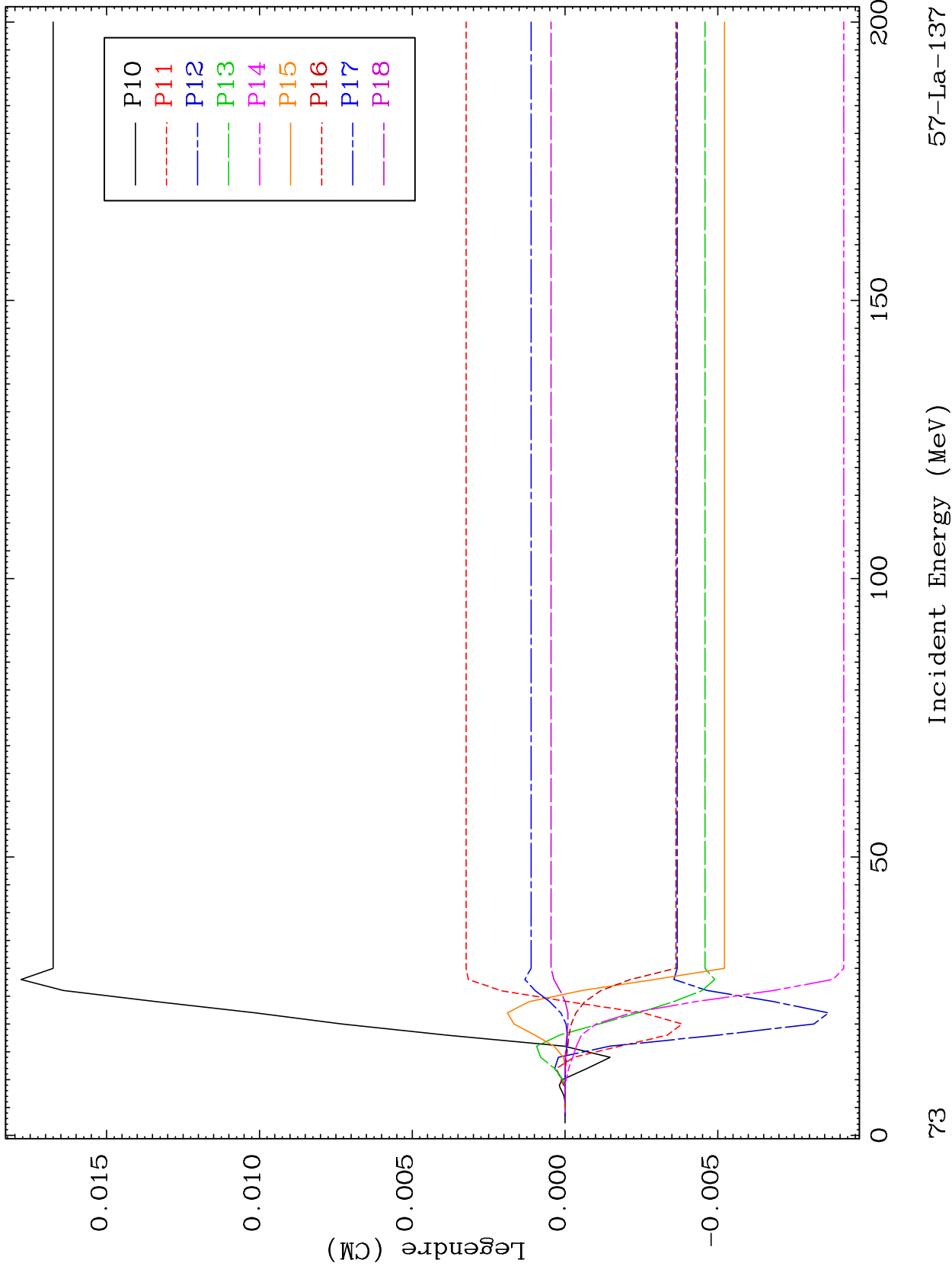
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



57-La-137

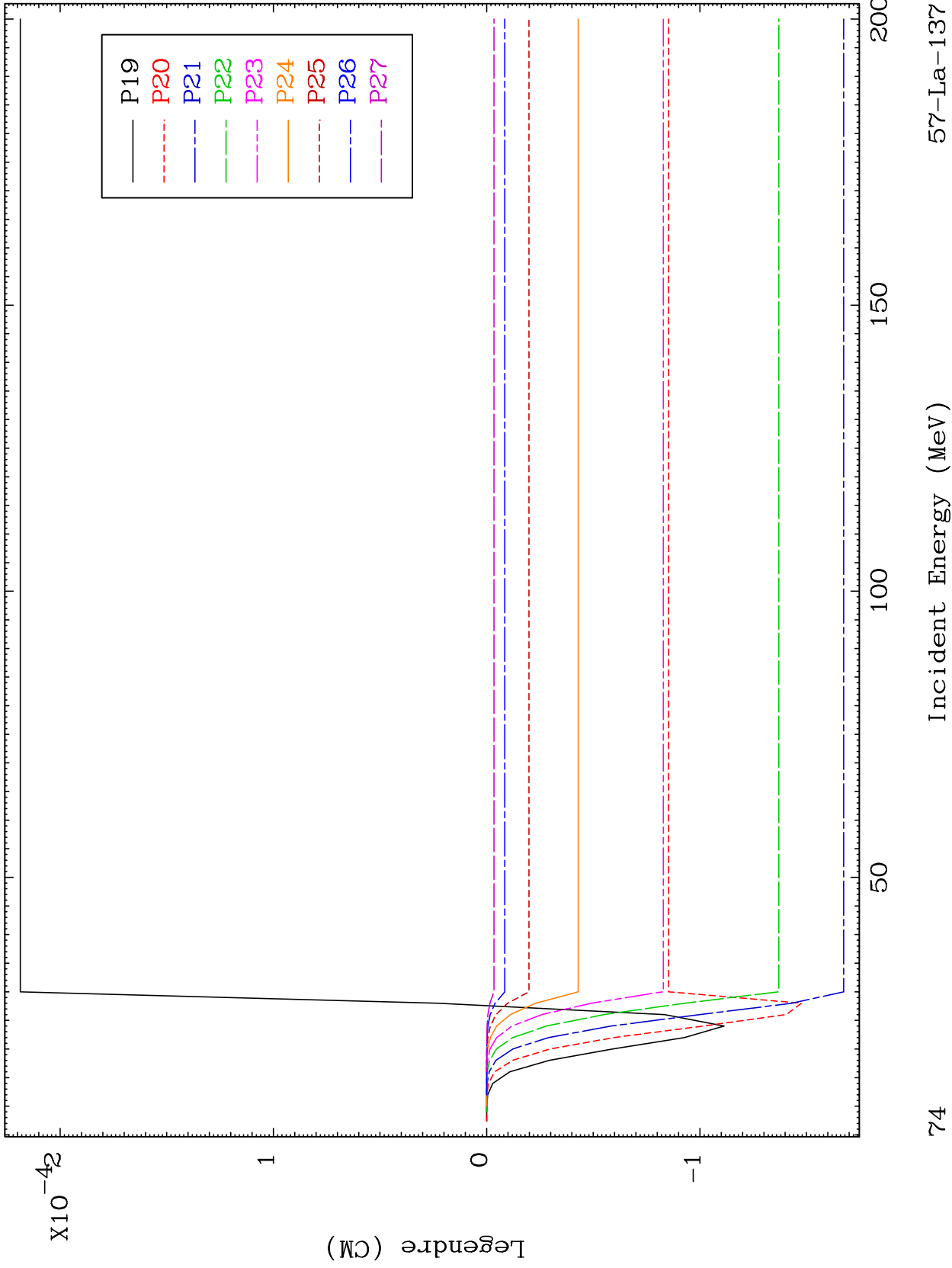
Incident Energy (MeV)

73

MAT 5722

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

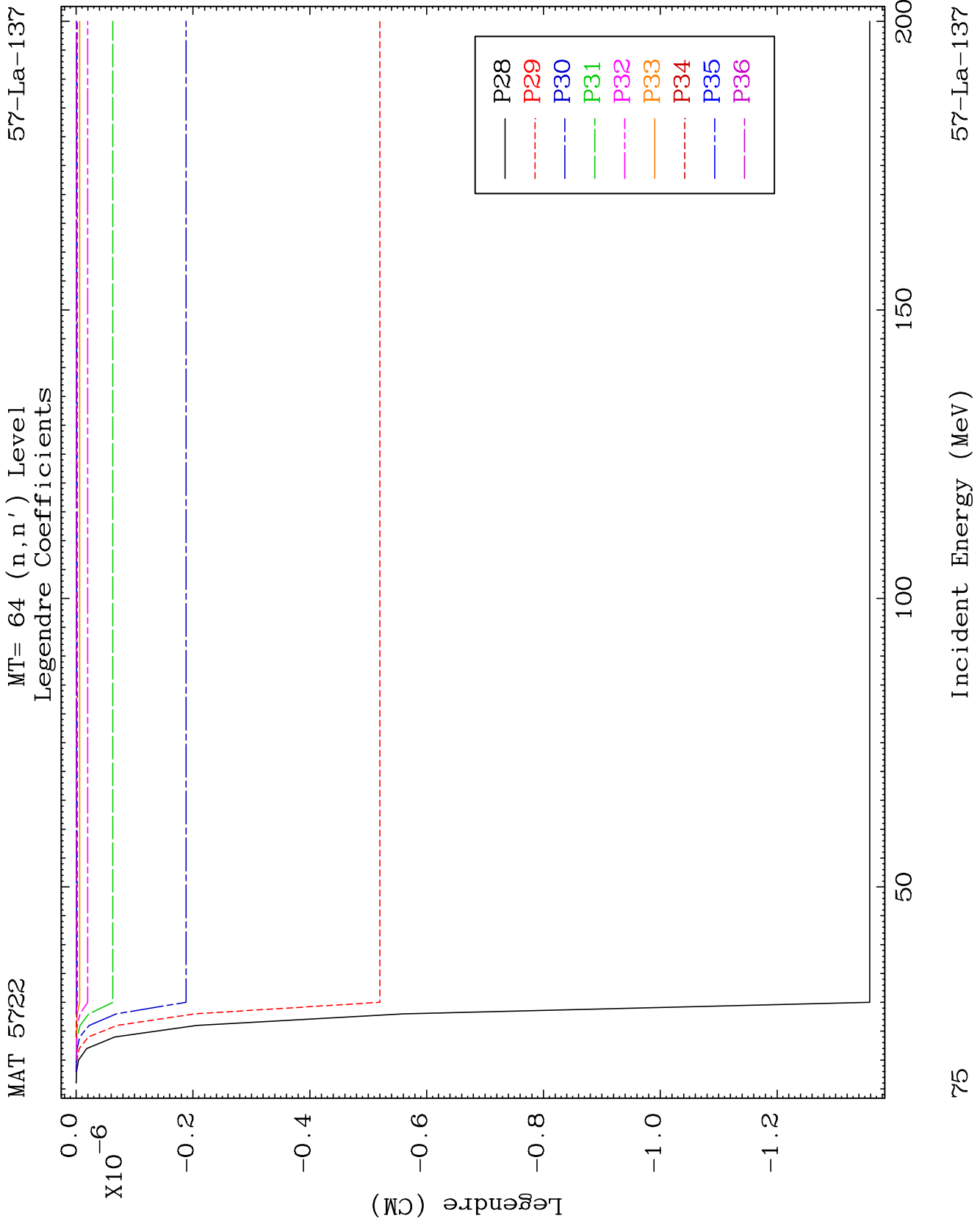
57-La-137

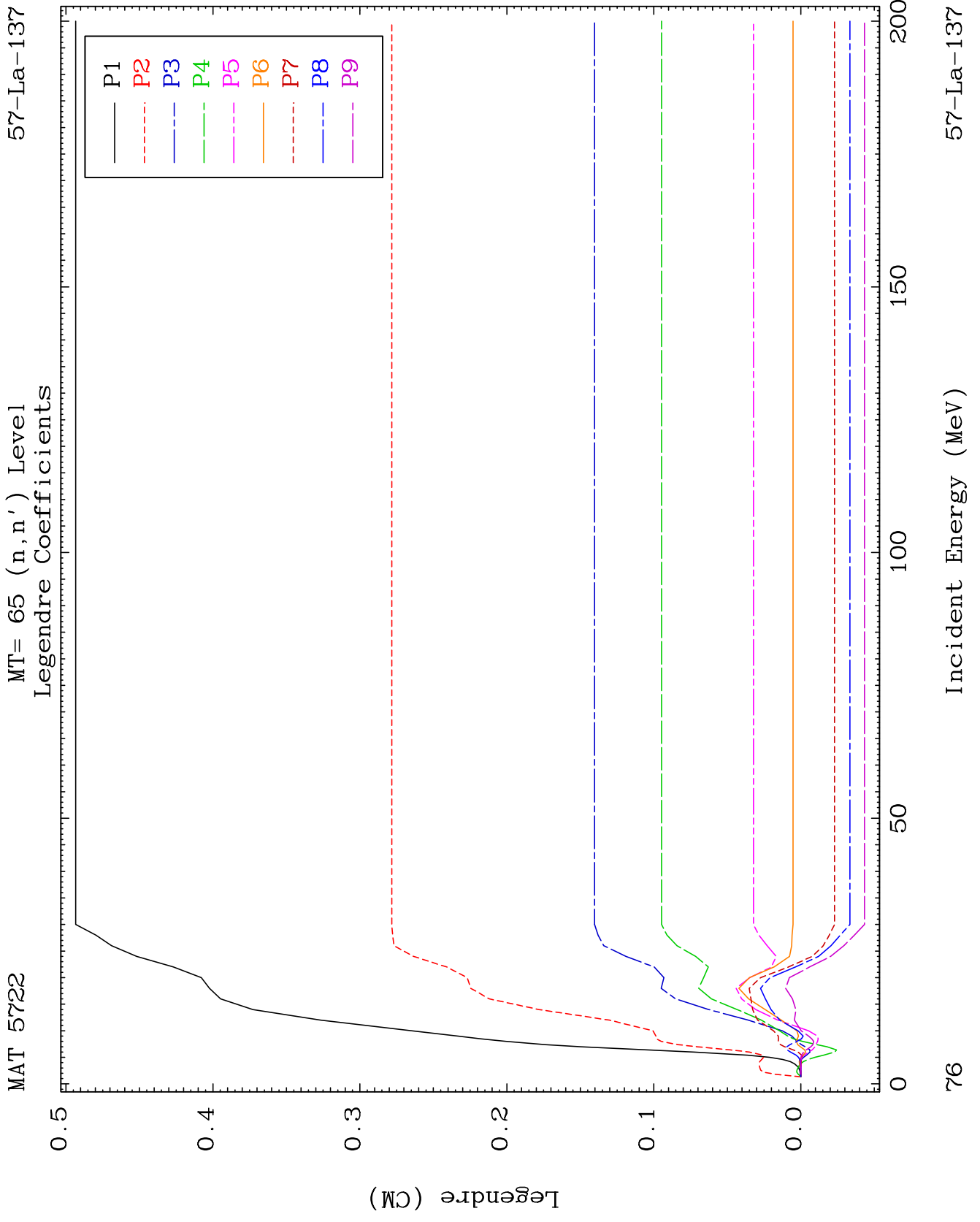


74

Incident Energy (MeV)

57-La-137

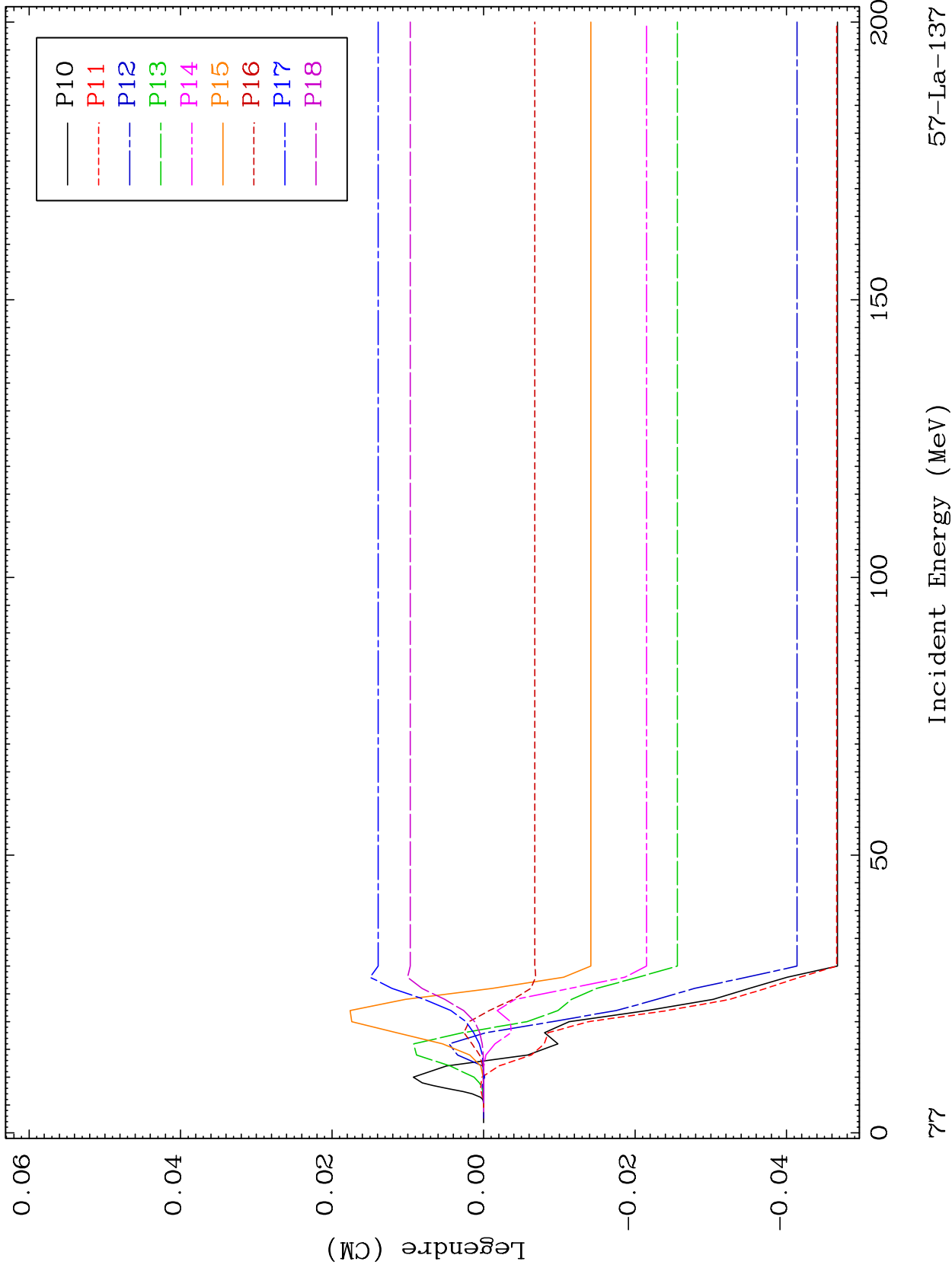




MAT 5722

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

57-La-137



77

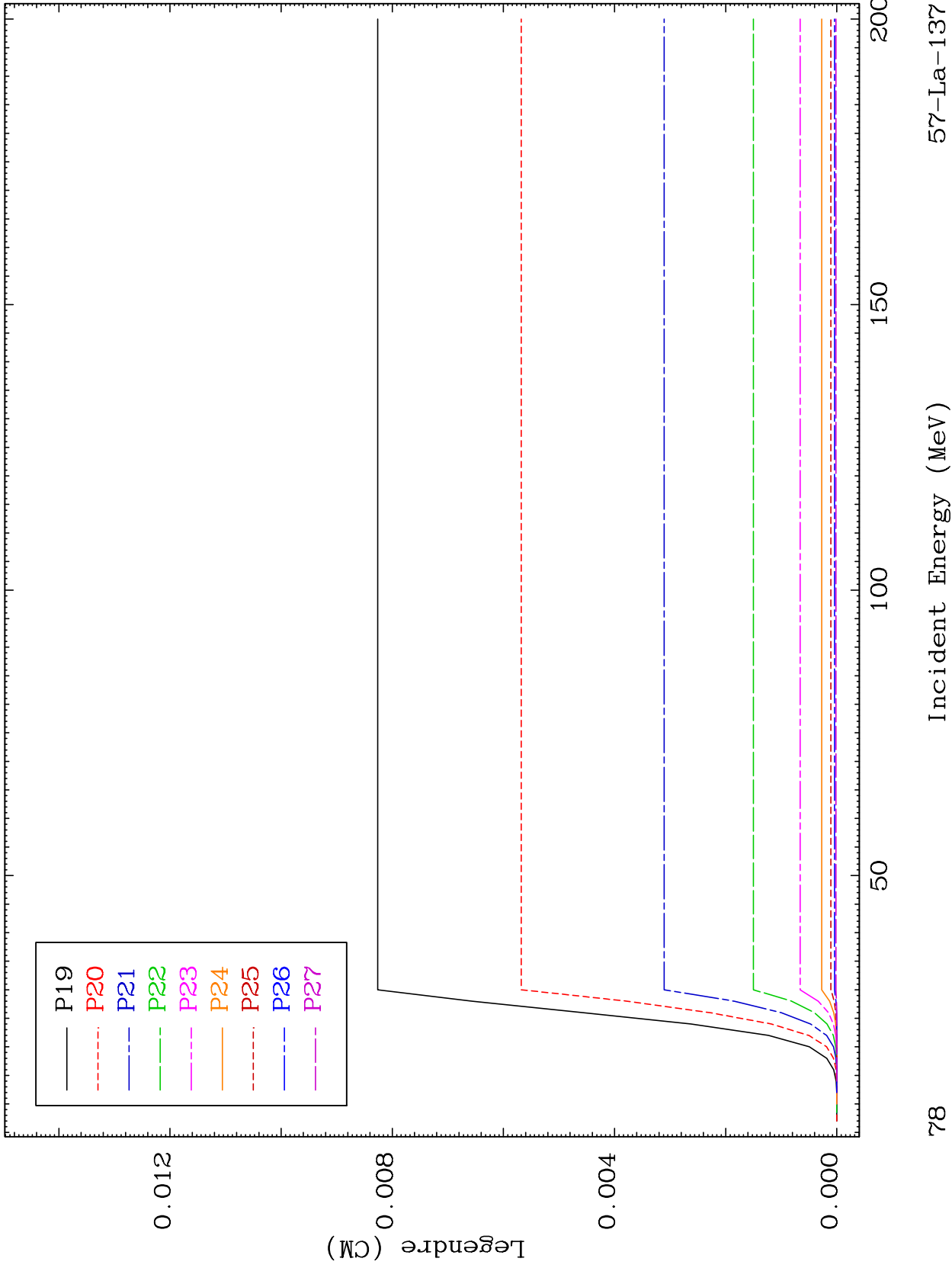
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



78

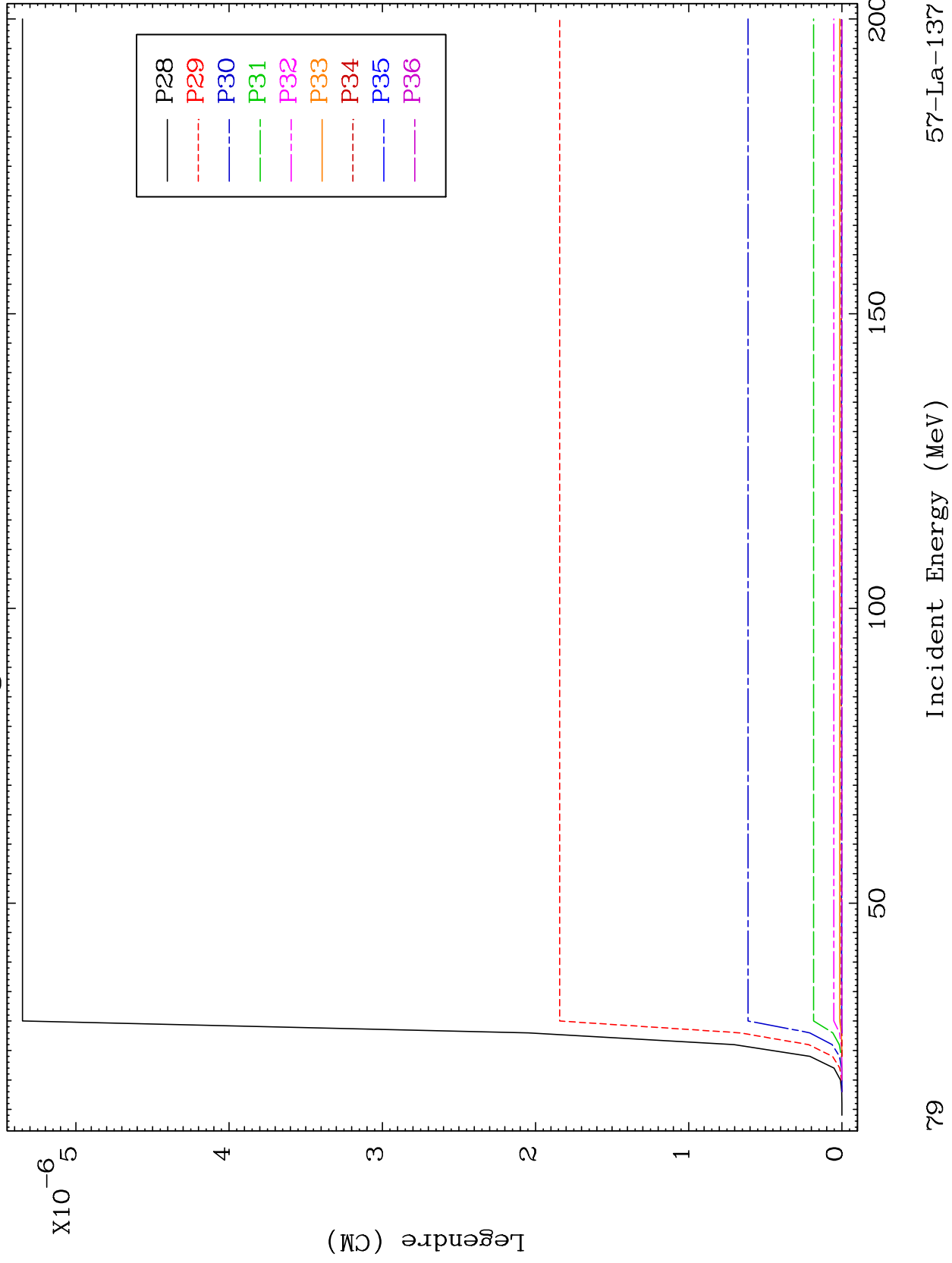
Incident Energy (MeV)

57-La-137

MAT 5722

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

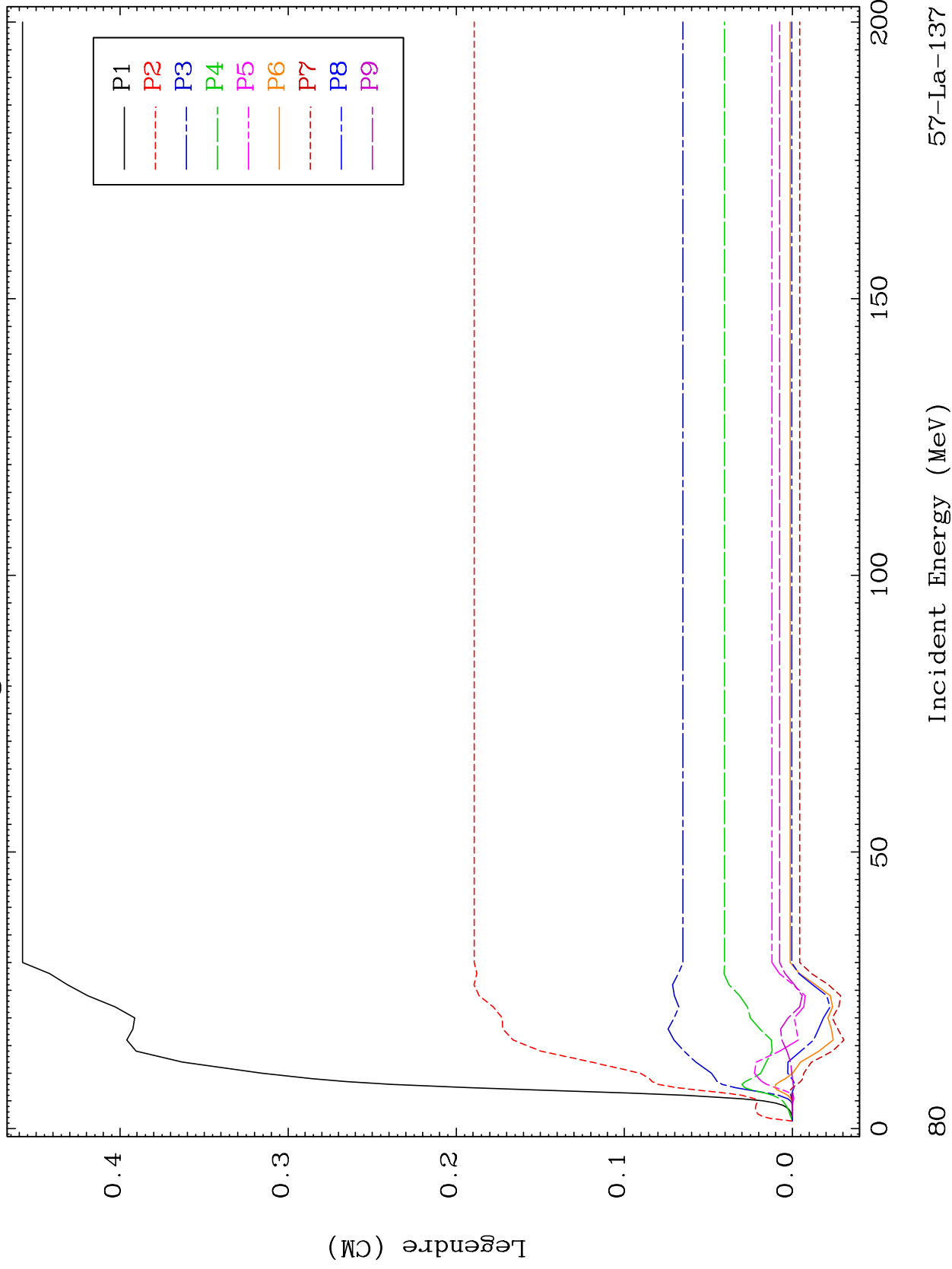
57-La-137



MAT 5722

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

57-La-137

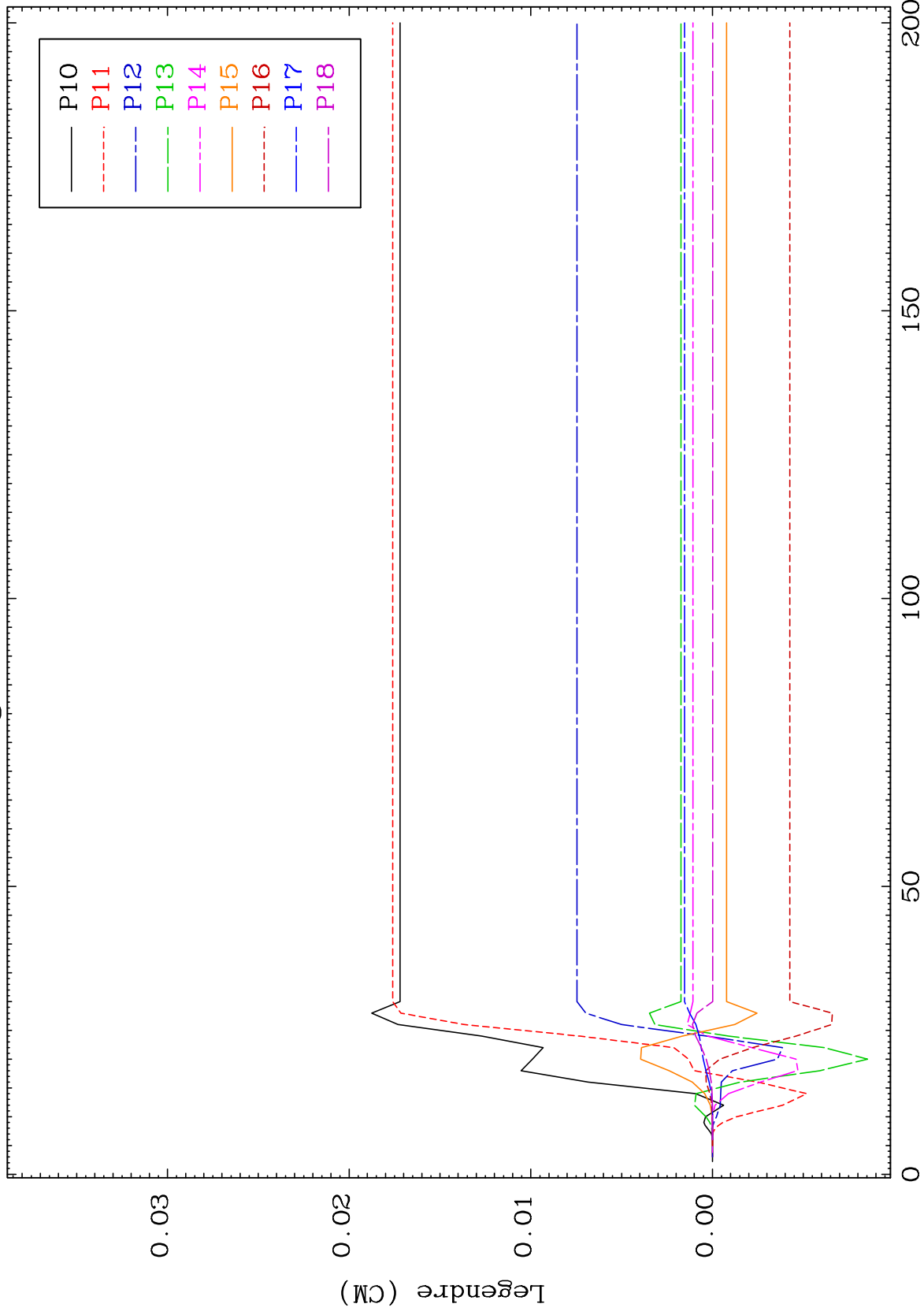


57-La-137

MAT 5722

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

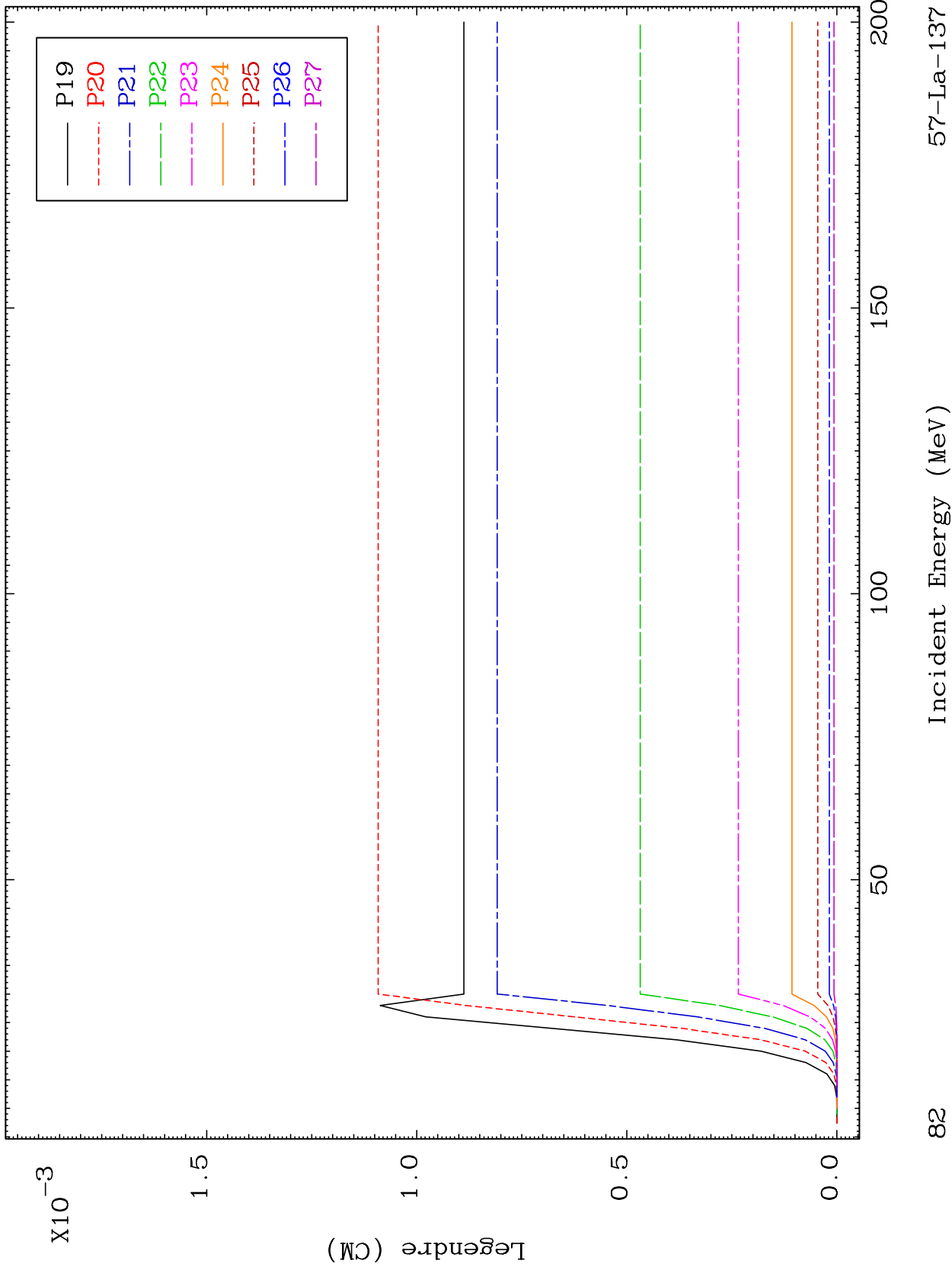
57-La-137



81

Incident Energy (MeV)

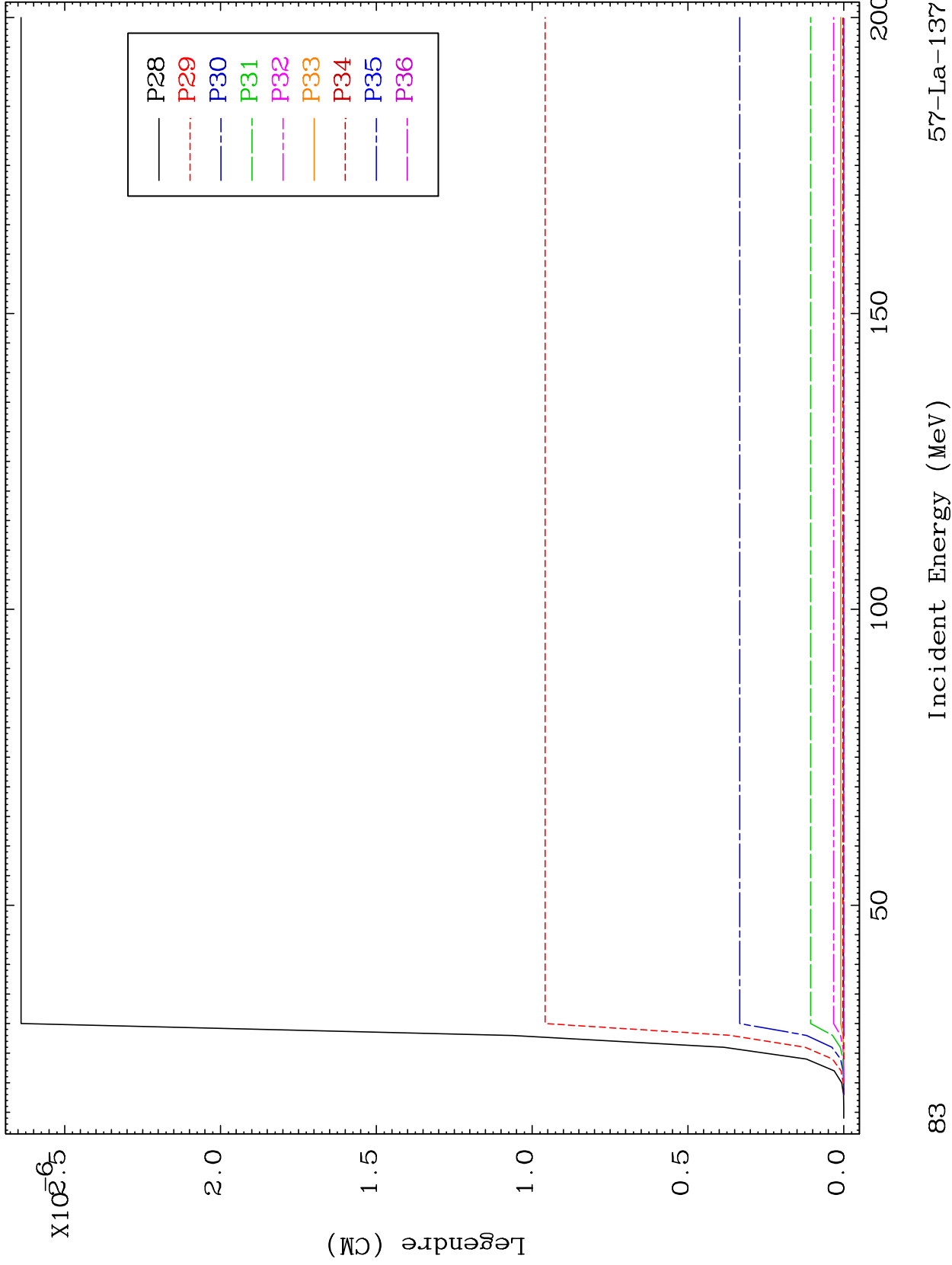
57-La-137



MAT 5722

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

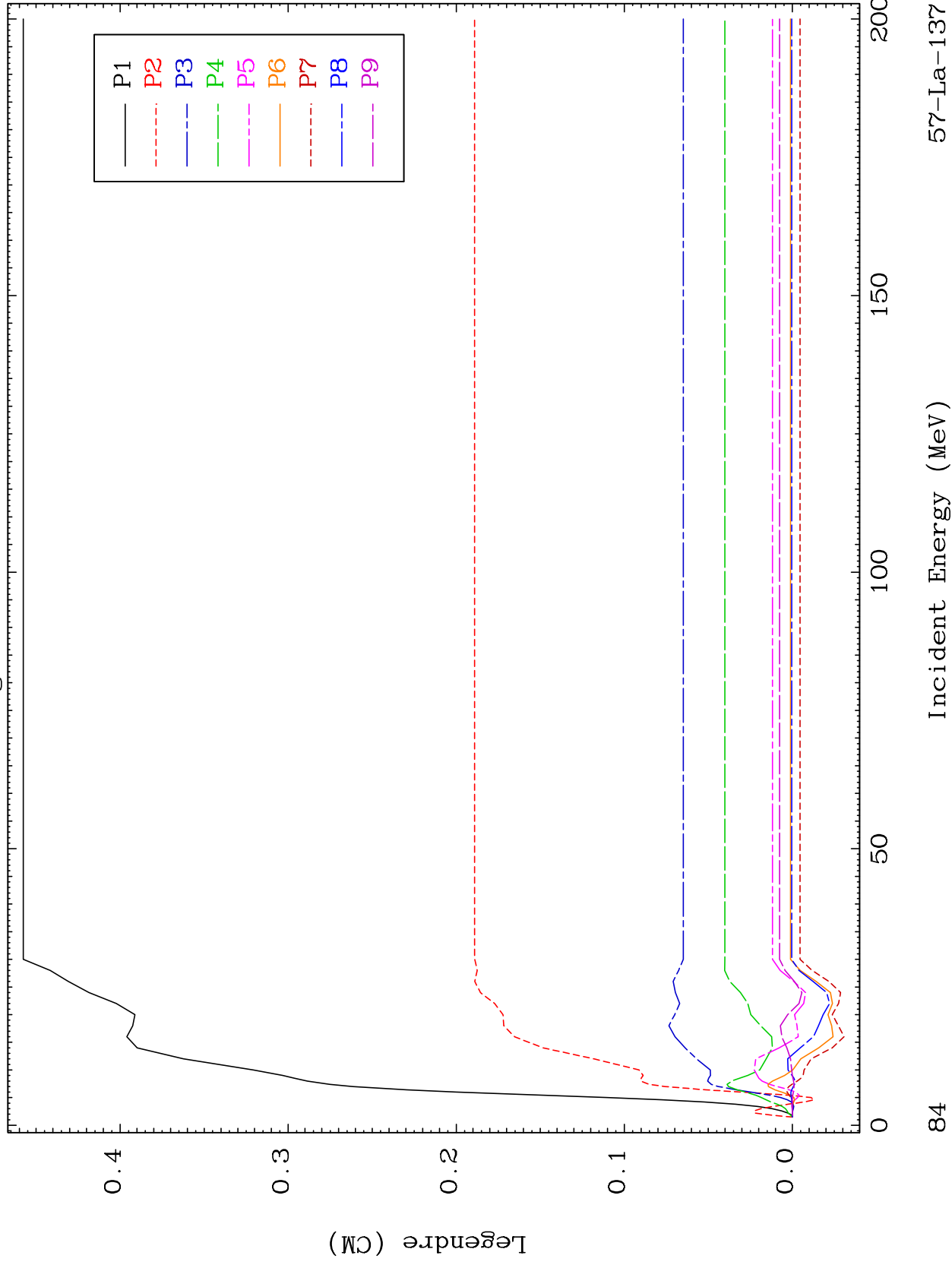
57-La-137



MAT 5722

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

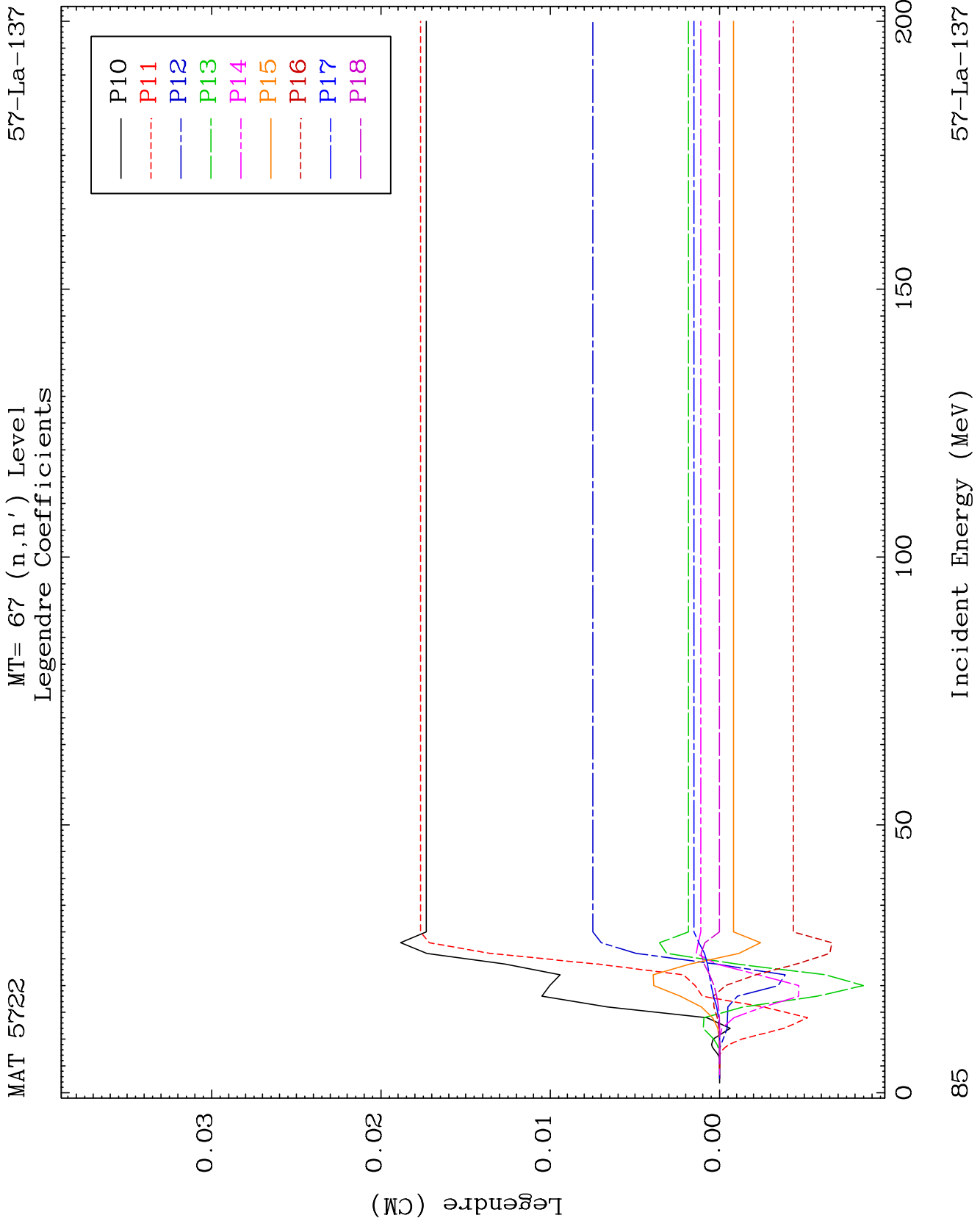
57-La-137

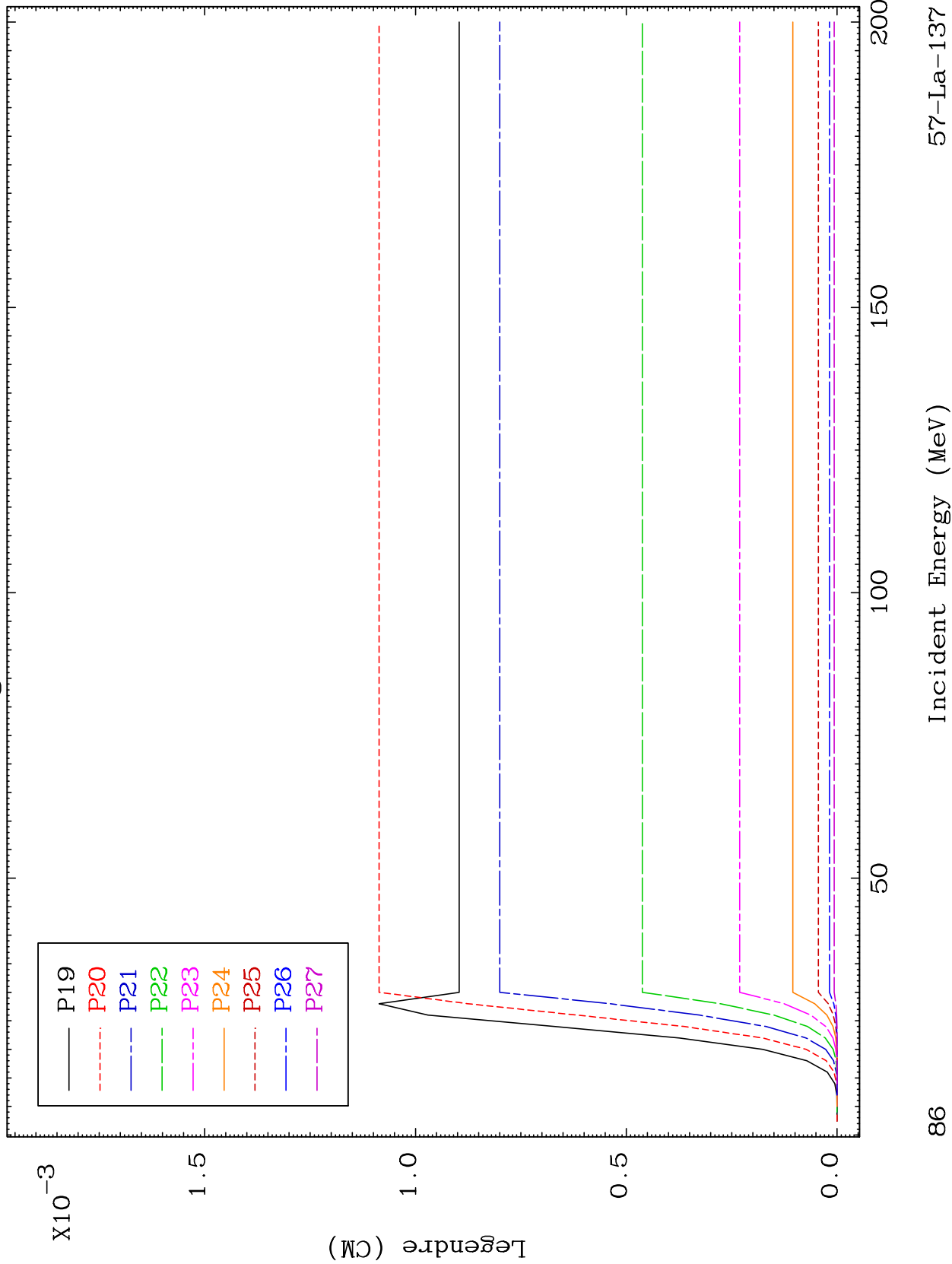


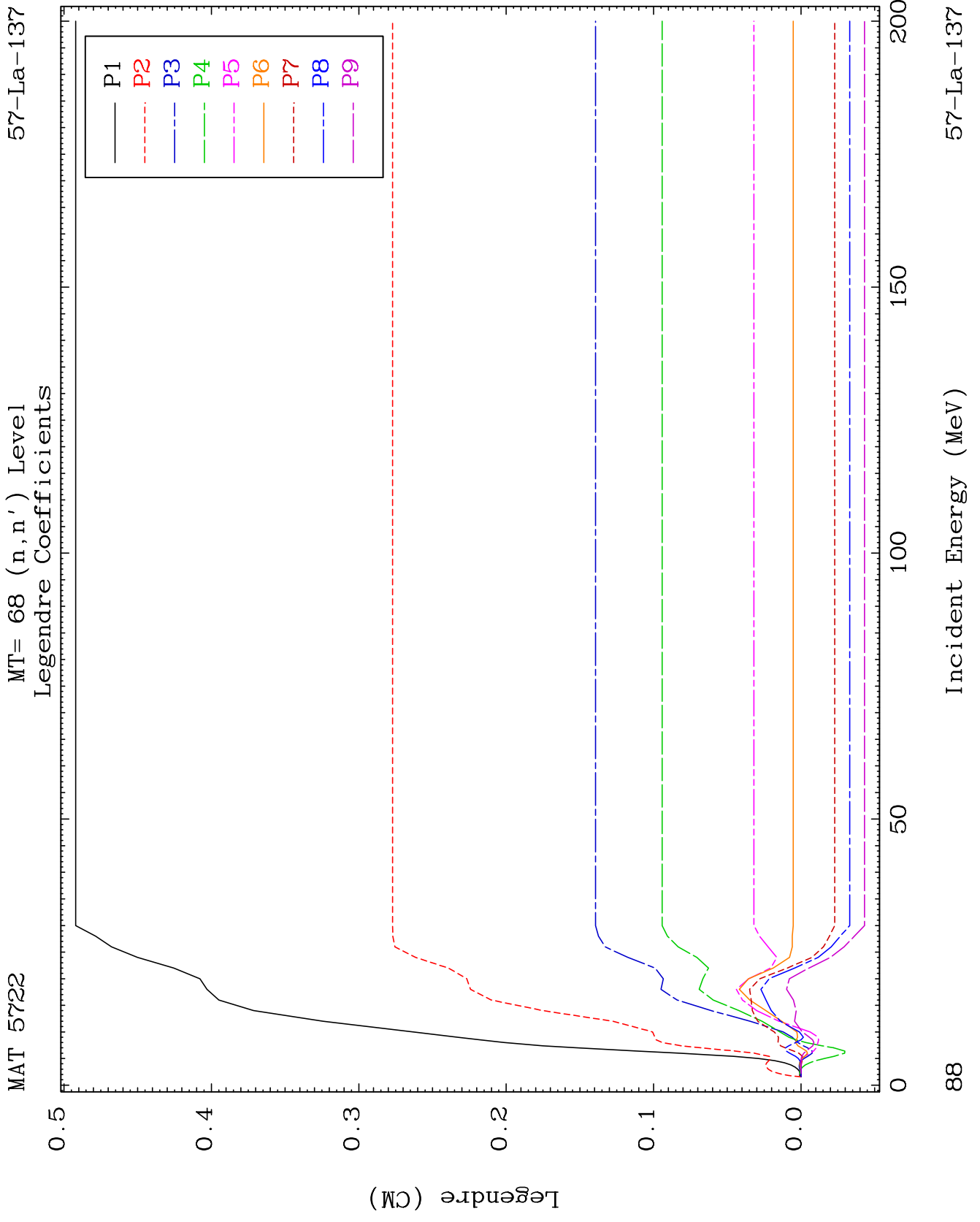
57-La-137

Incident Energy (MeV)

84



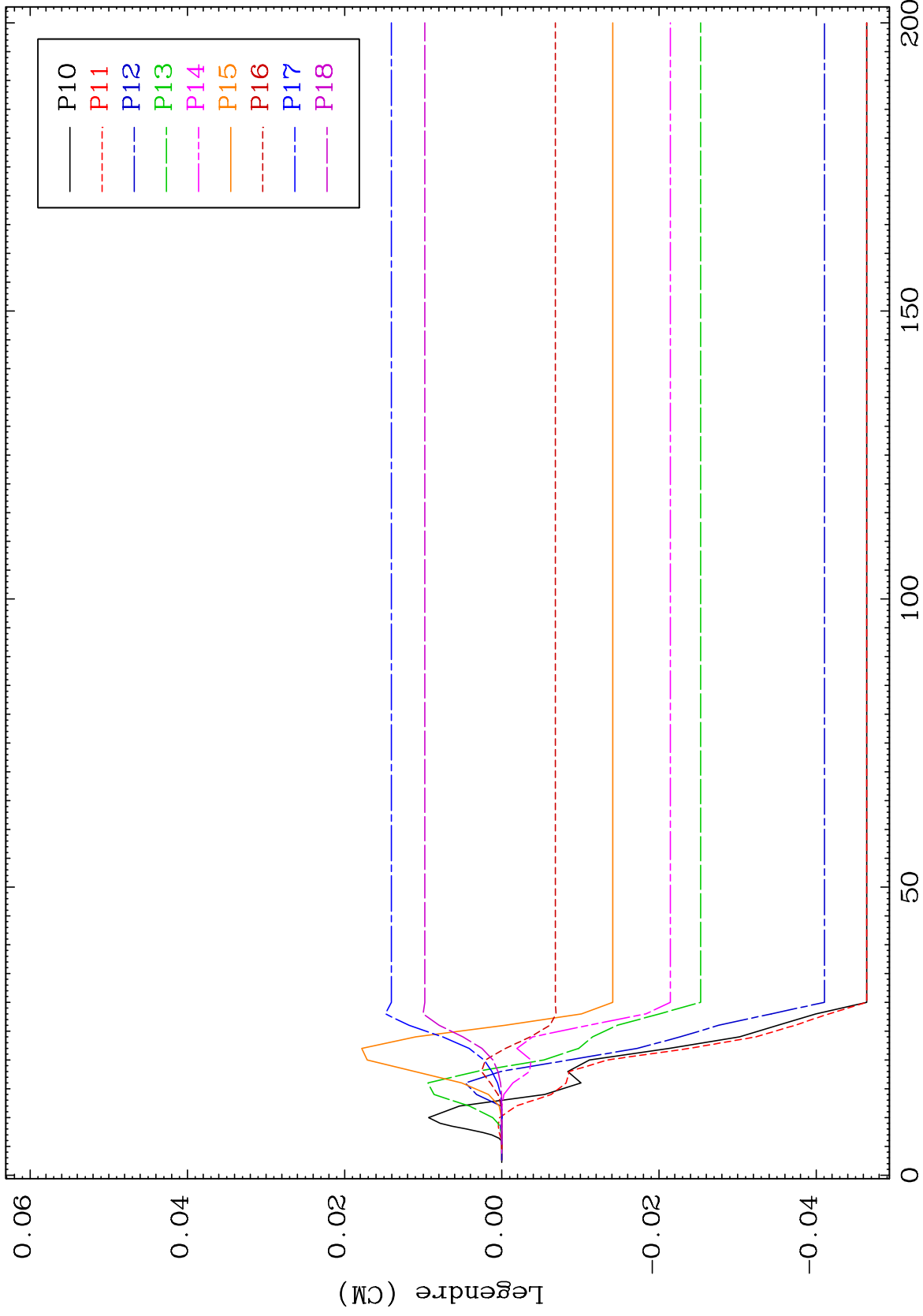




MAT 5722

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

57-La-137



89

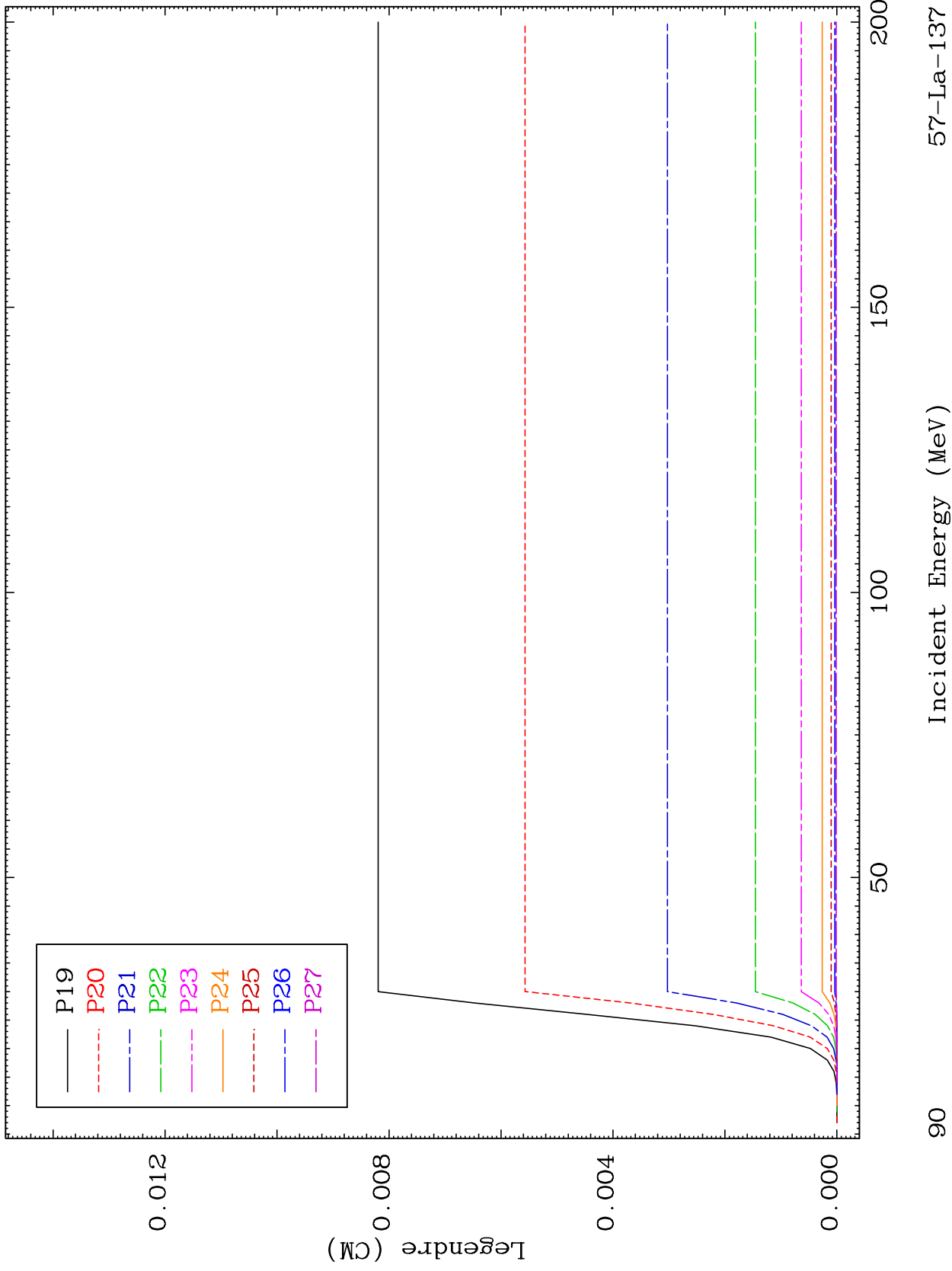
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



57-La-137

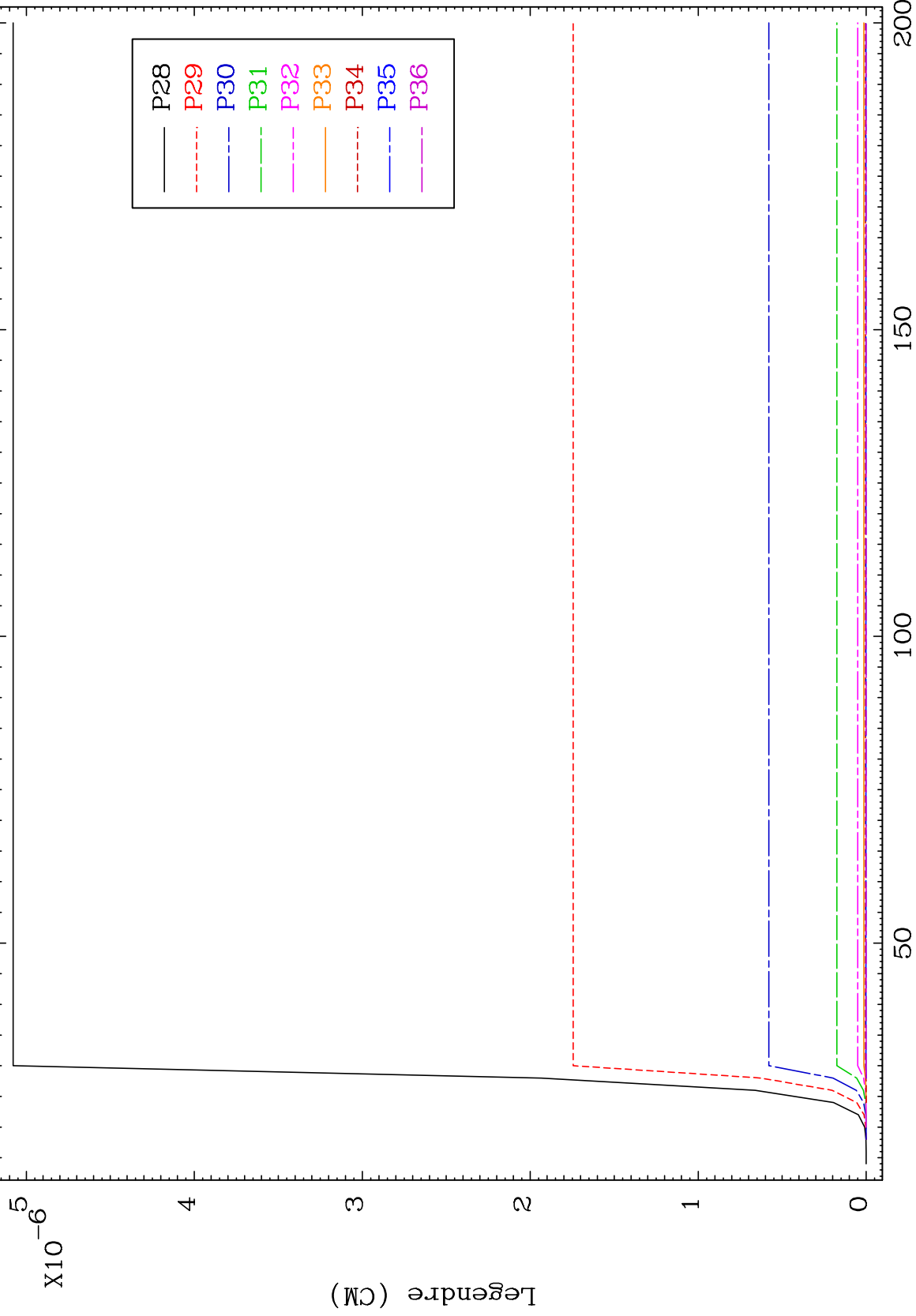
Incident Energy (MeV)

90

MAT 5722

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

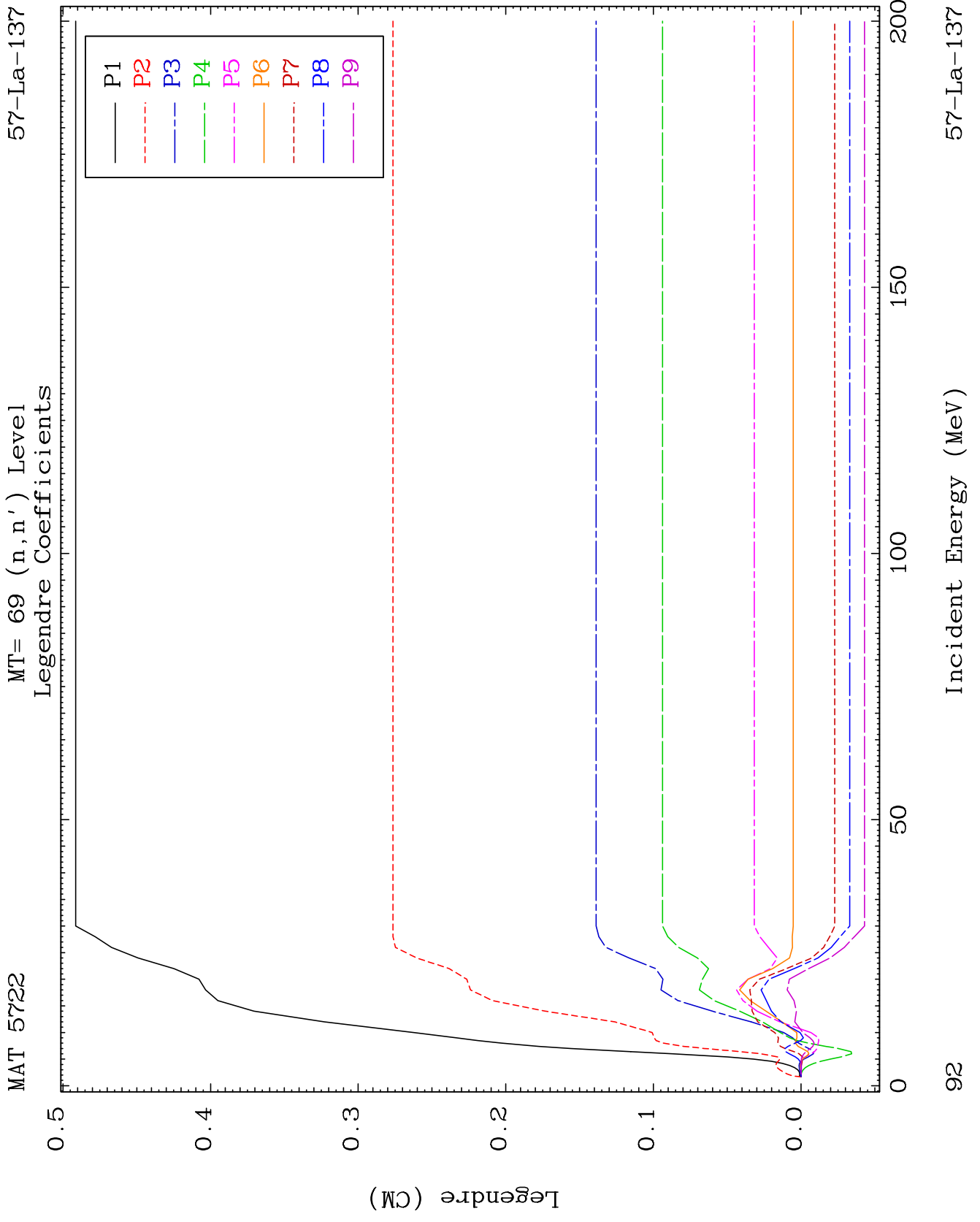
57-La-137



91

Incident Energy (MeV)

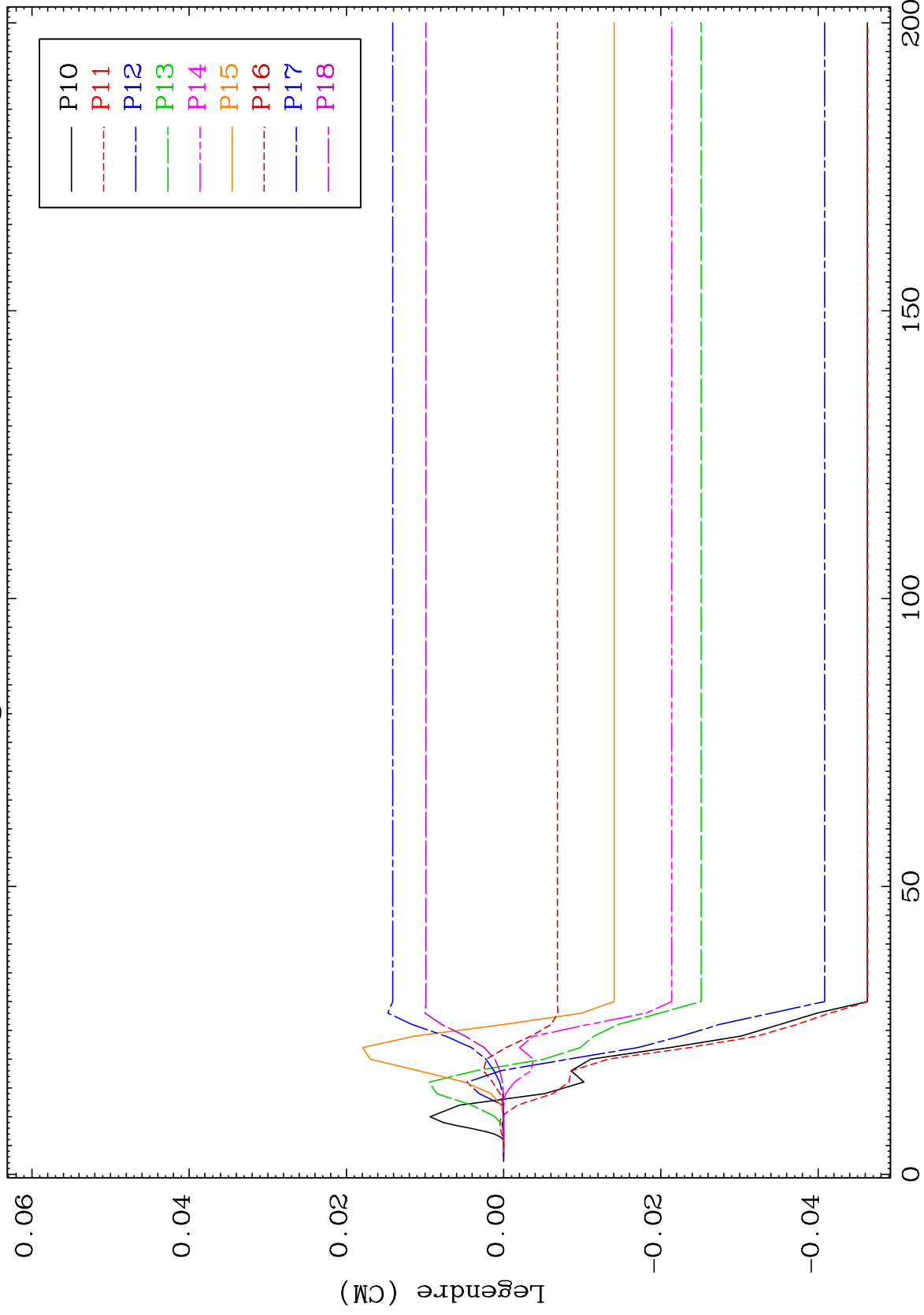
57-La-137



MAT 5722

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

57-La-137



93

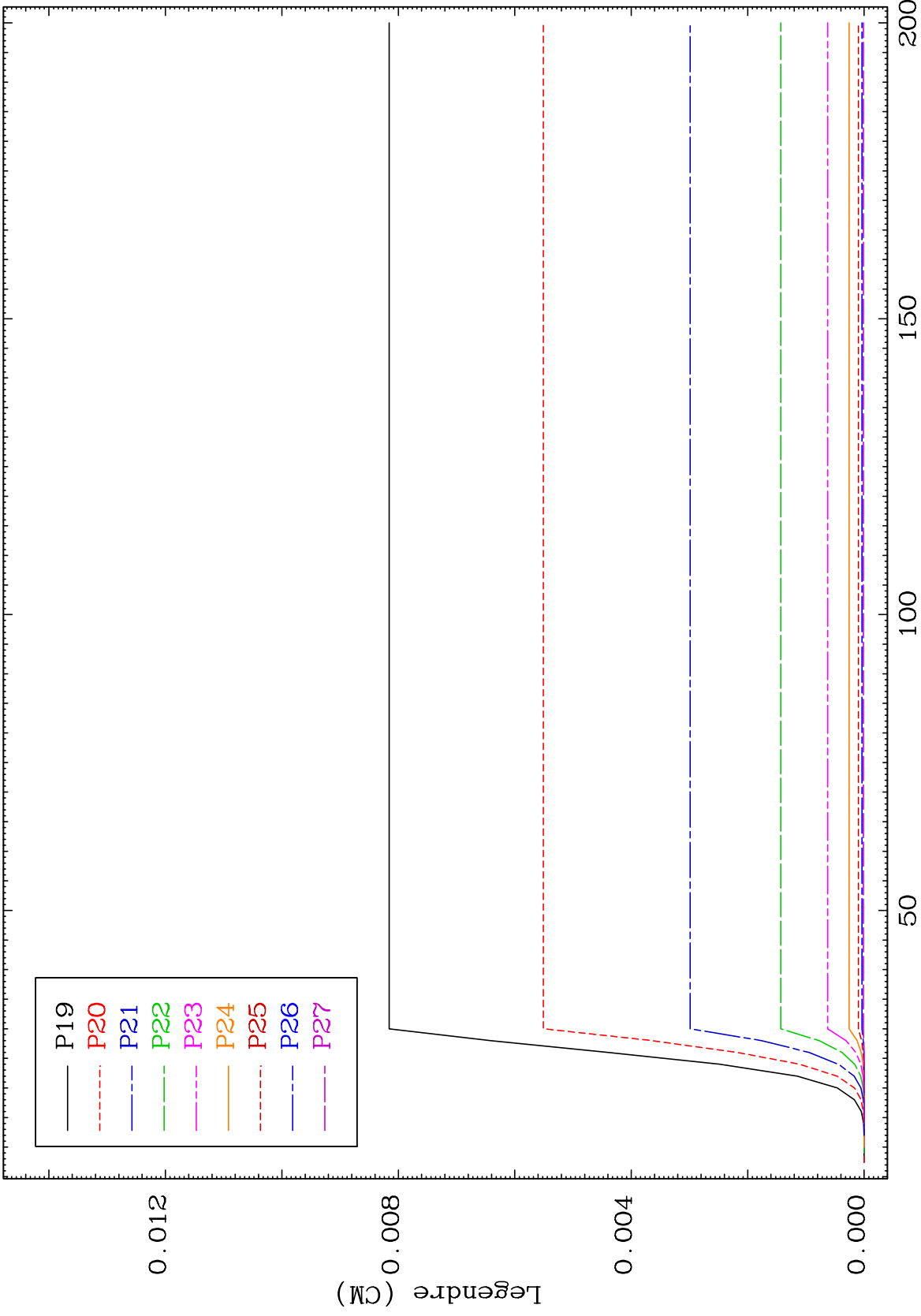
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



94

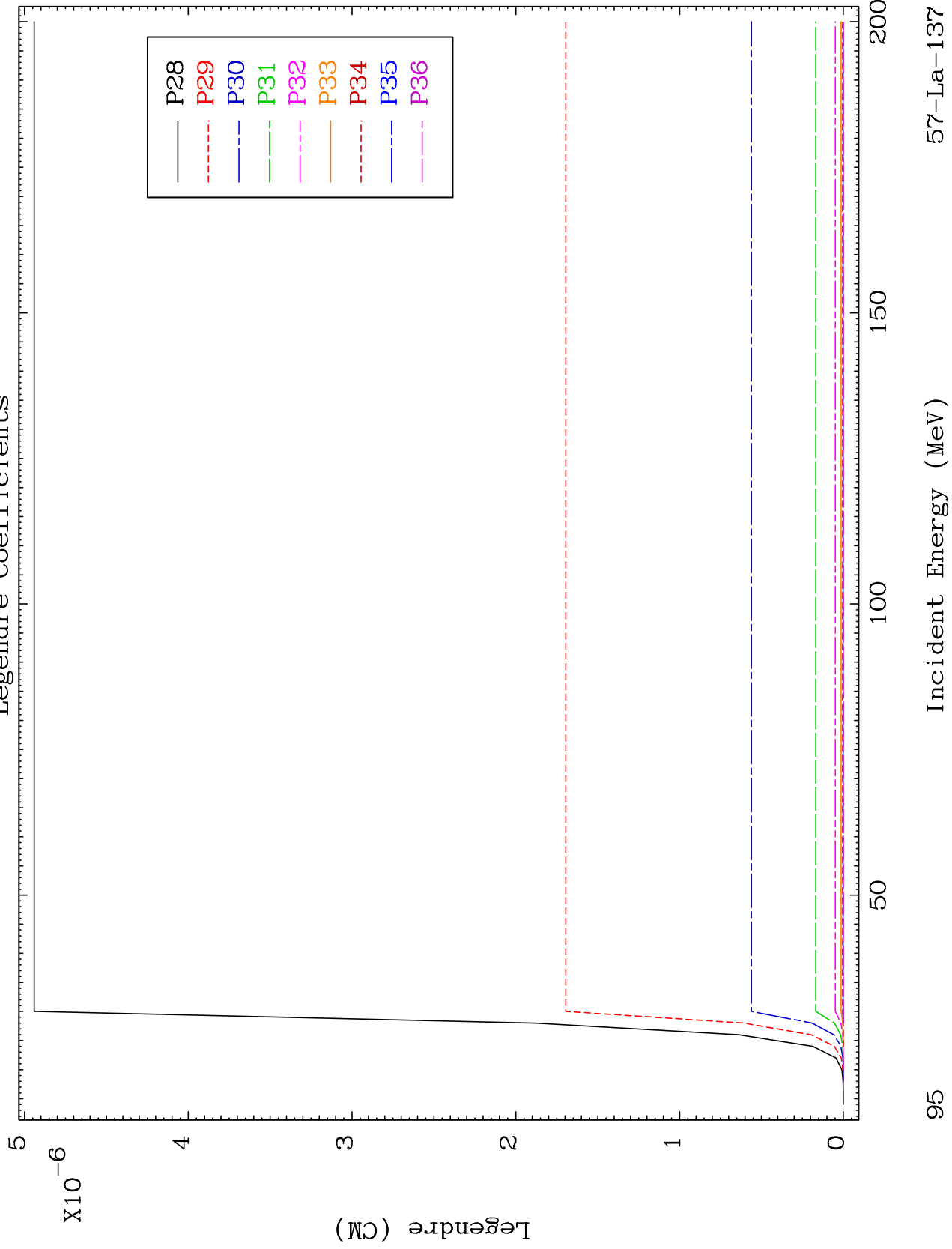
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



95

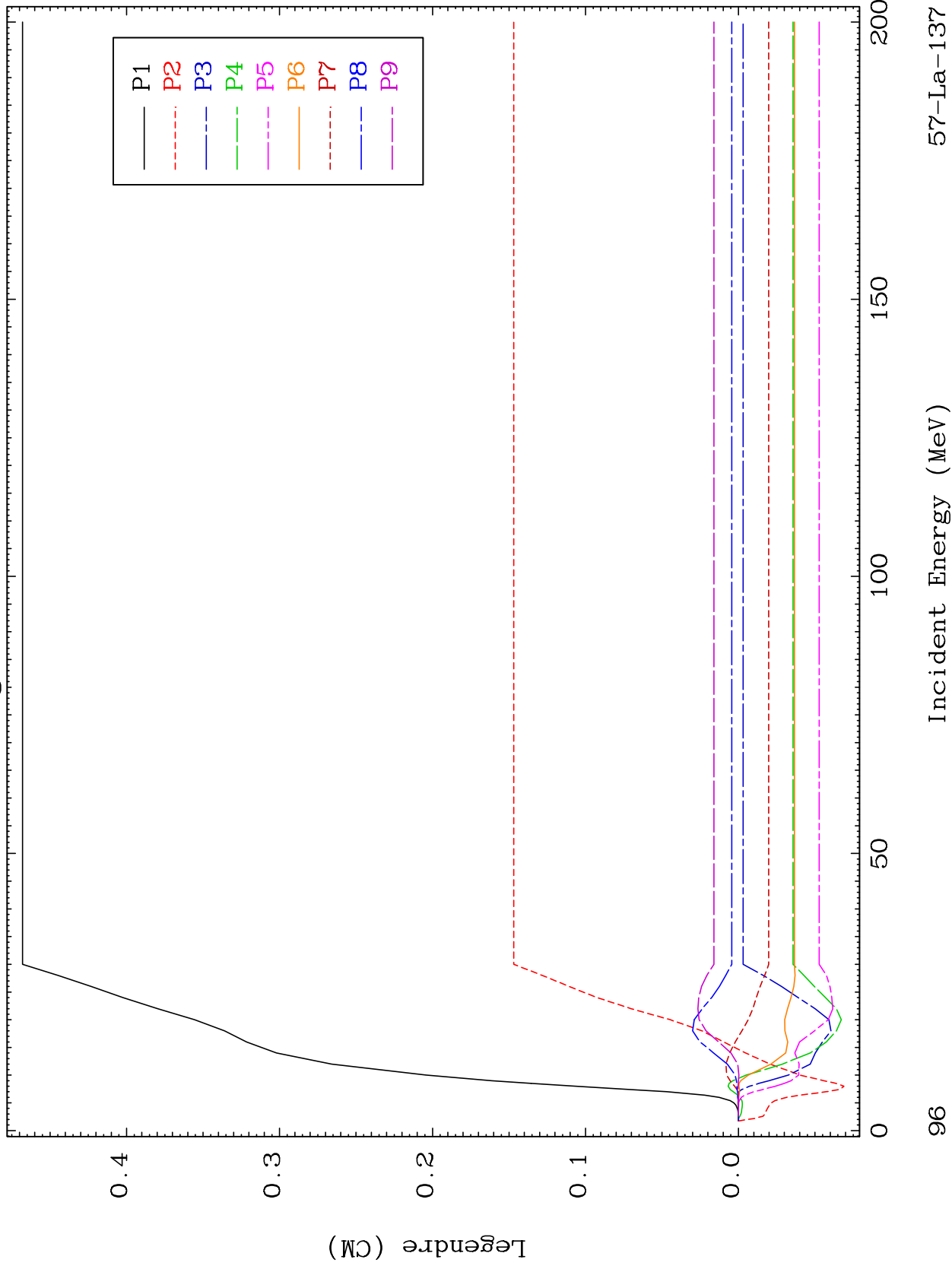
Incident Energy (MeV)

57-La-137

MAT 5722

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

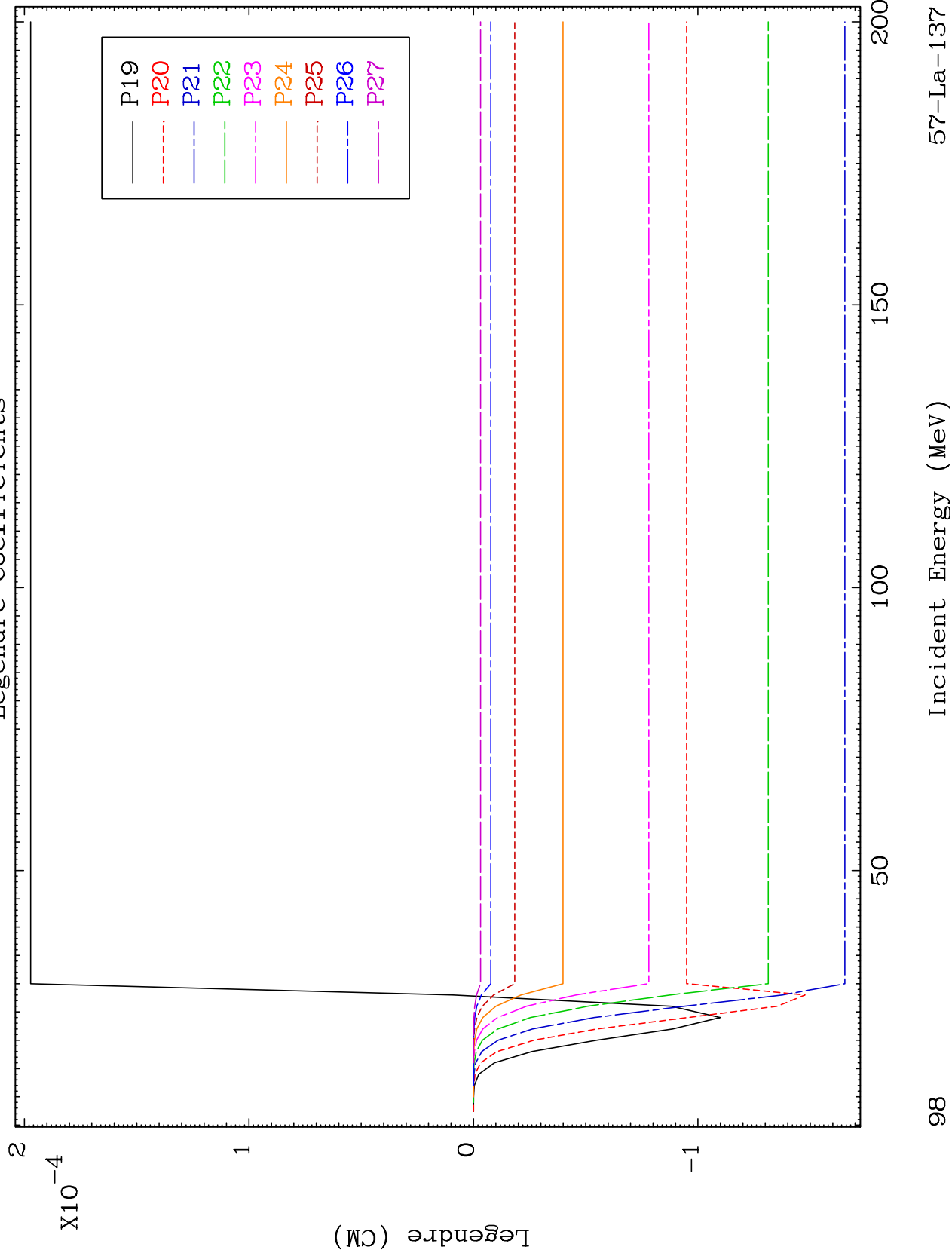
57-La-137

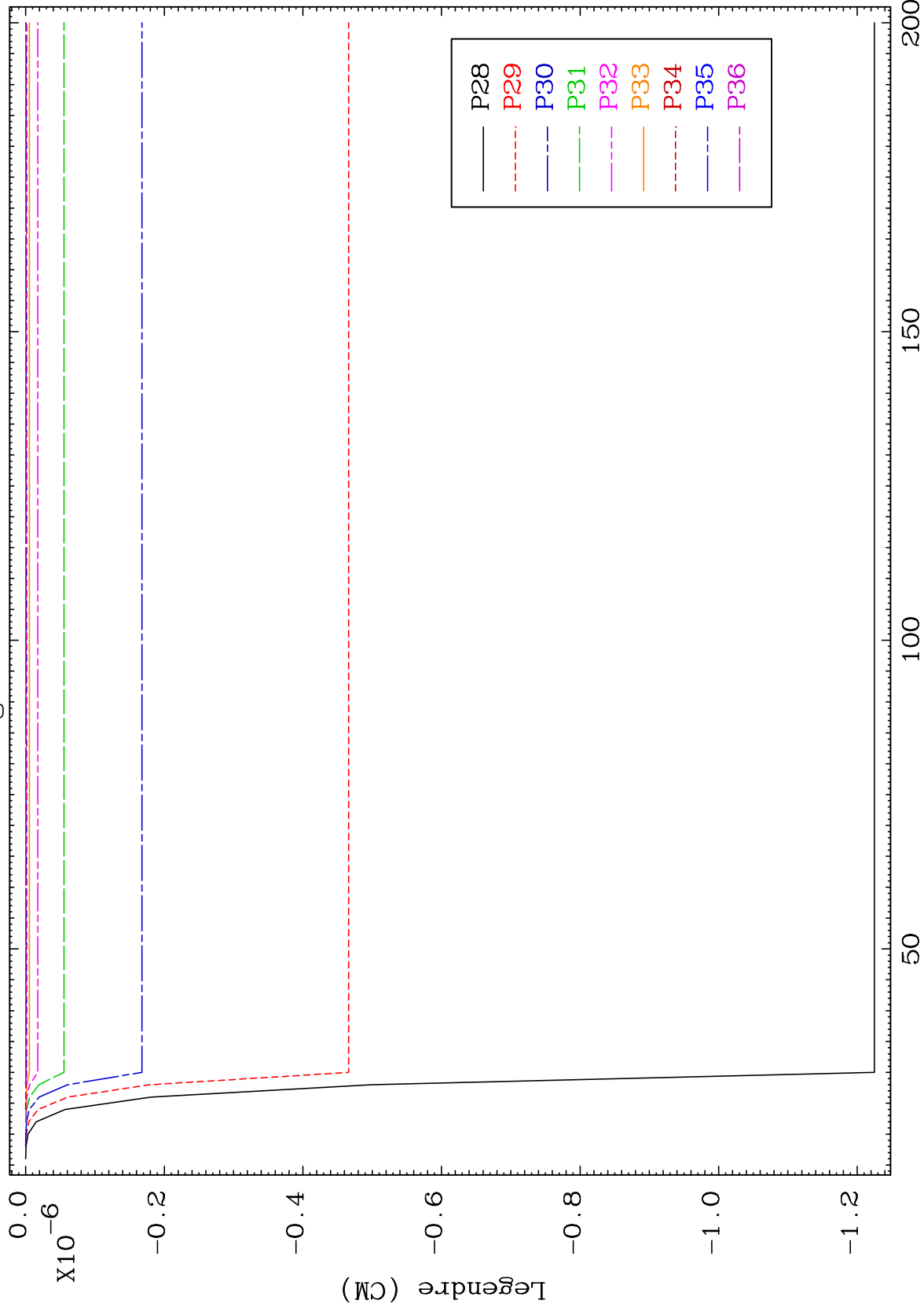


57-La-137

Incident Energy (MeV)

96

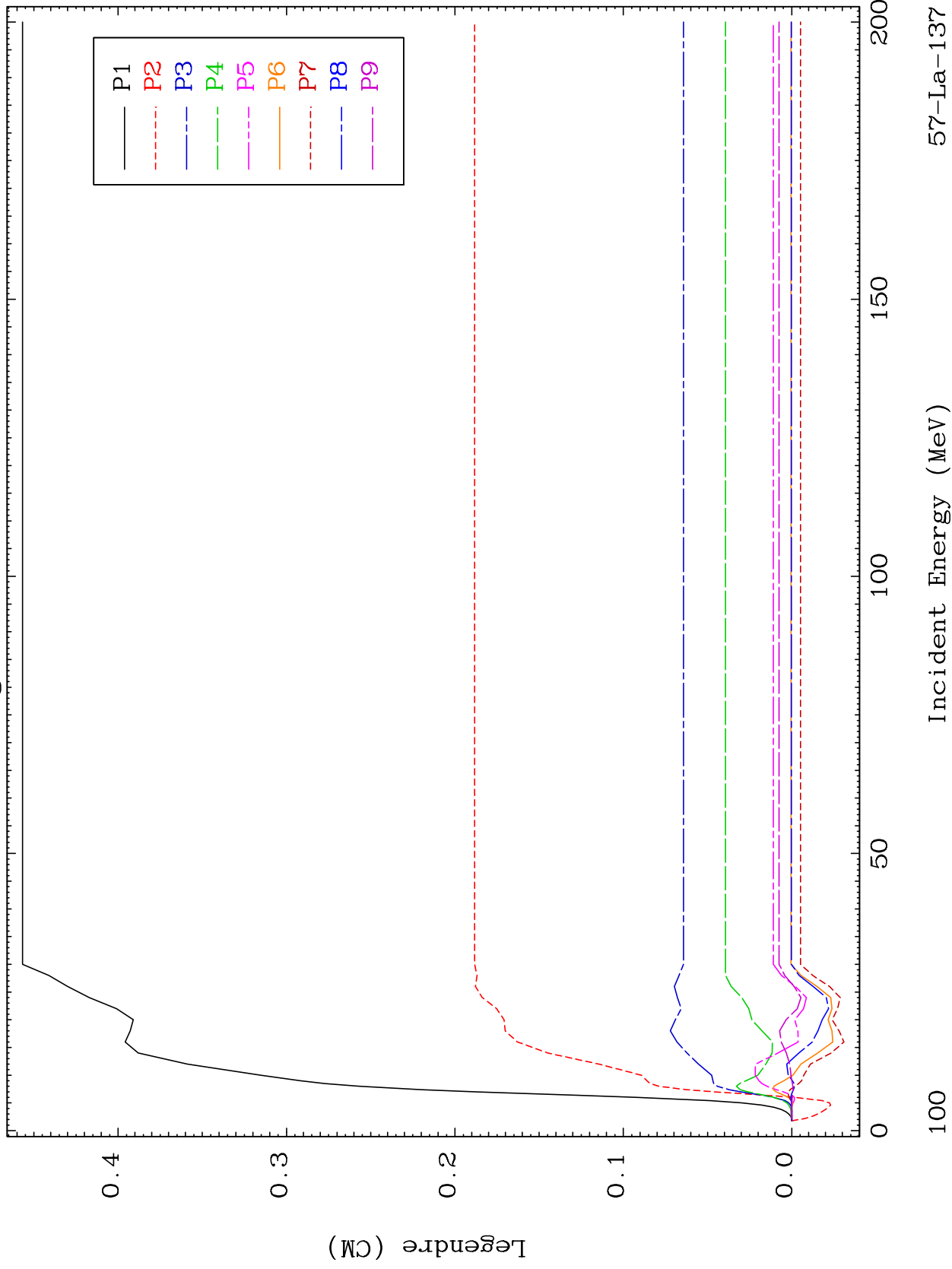




MAT 5722

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

57-La-137

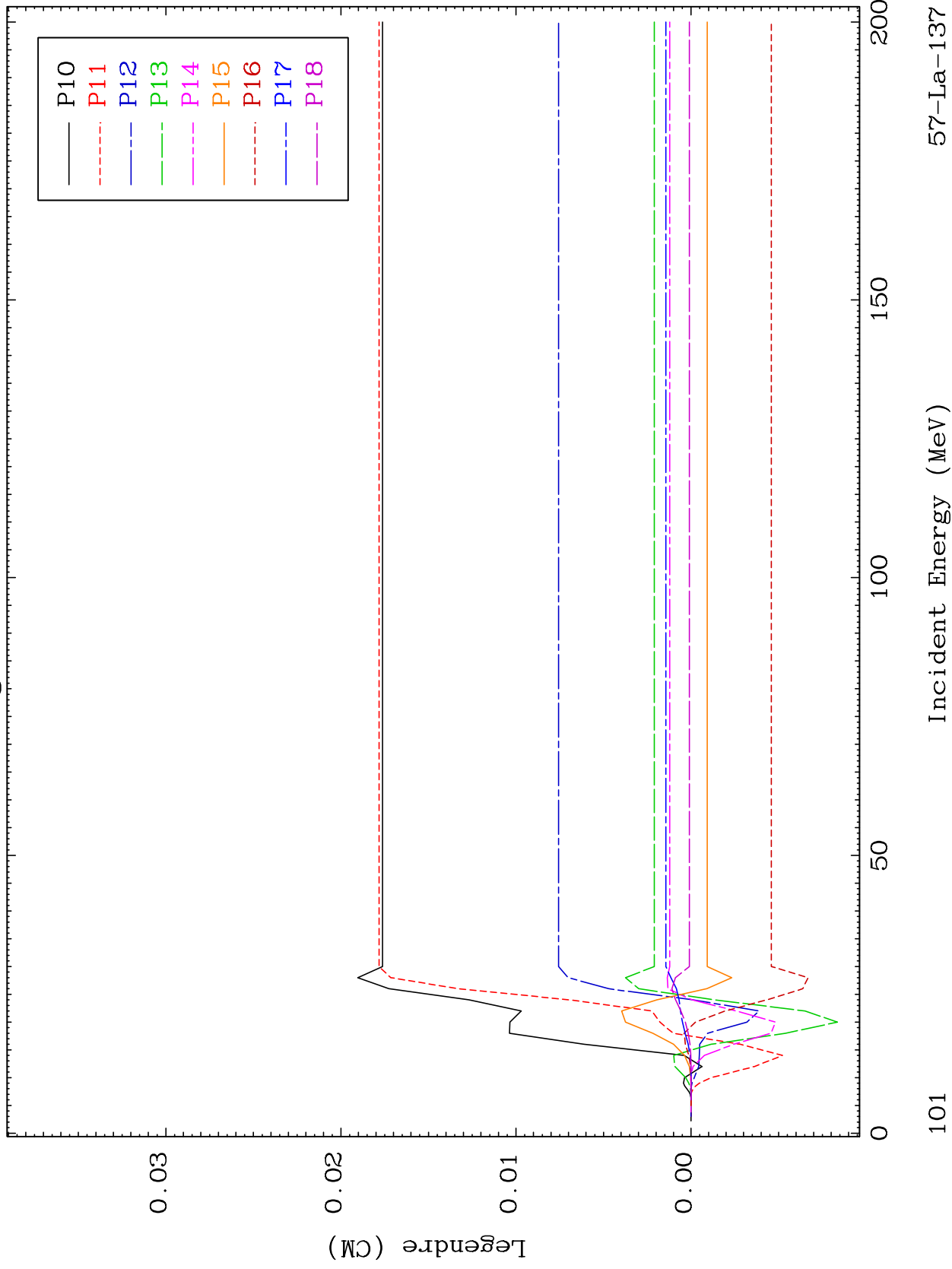


57-La-137

MAT 5722

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

57-La-137



57-La-137

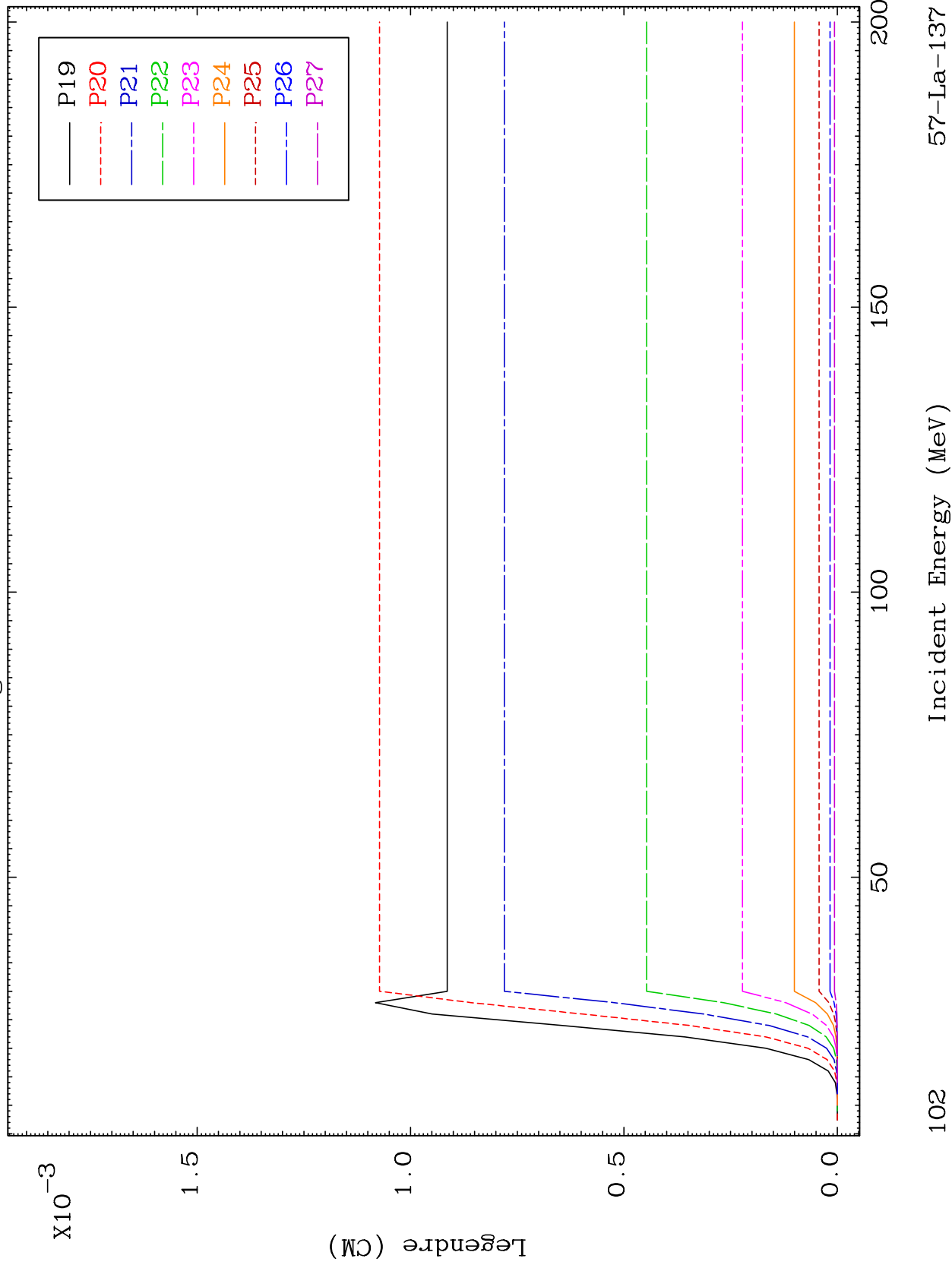
Incident Energy (MeV)

101

MAT 5722

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

57-La-137



102

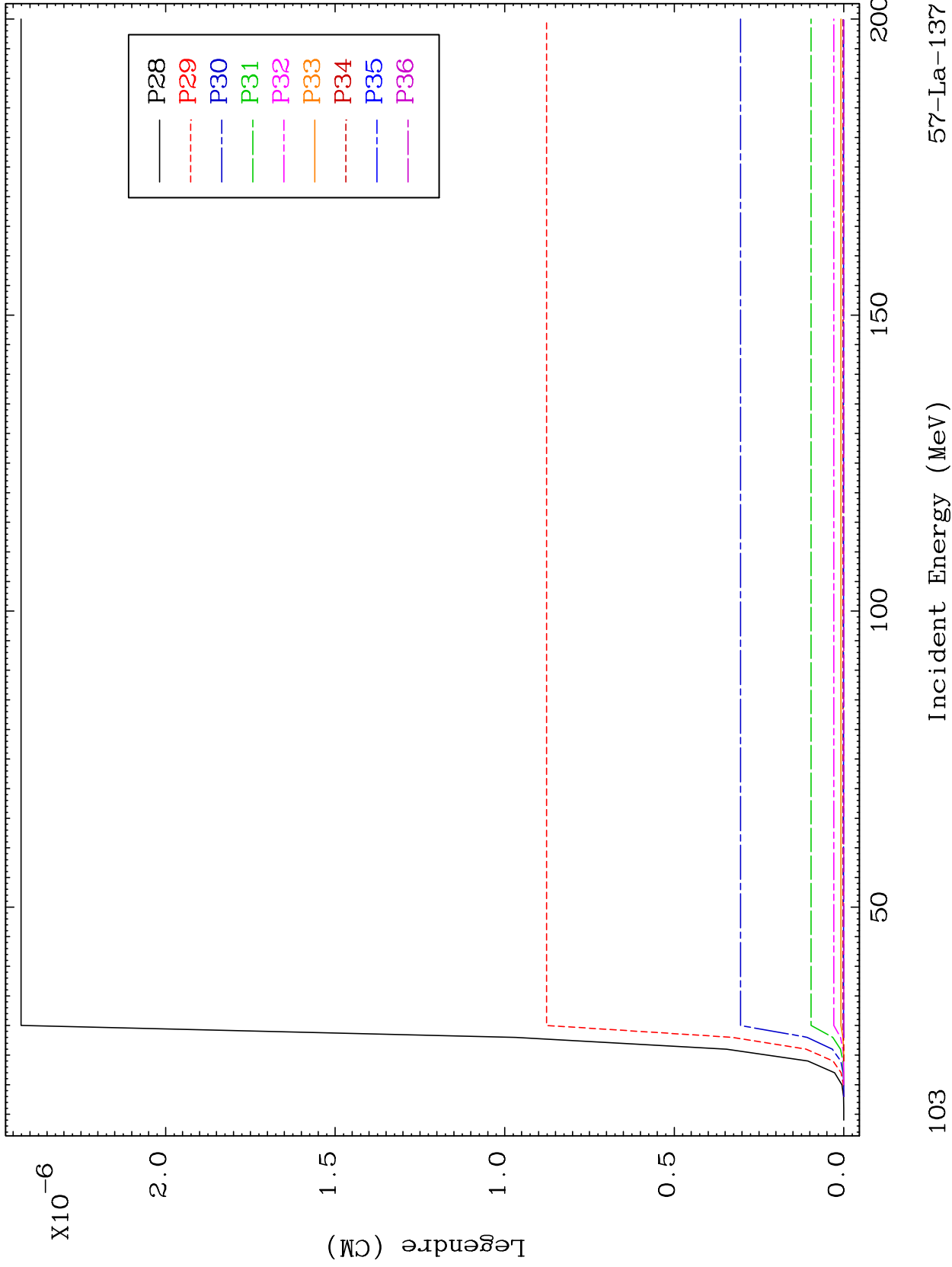
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



103

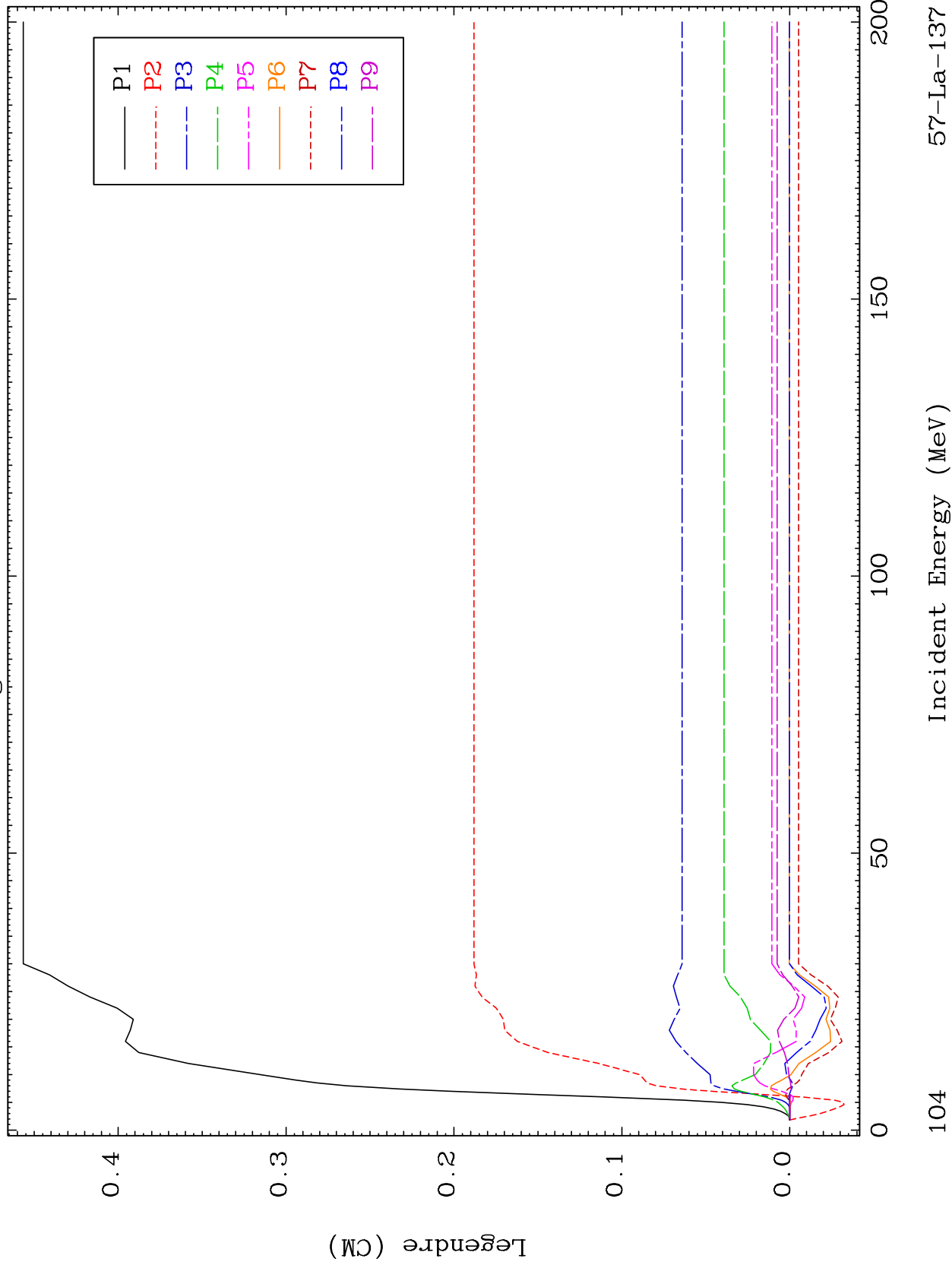
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



57-La-137

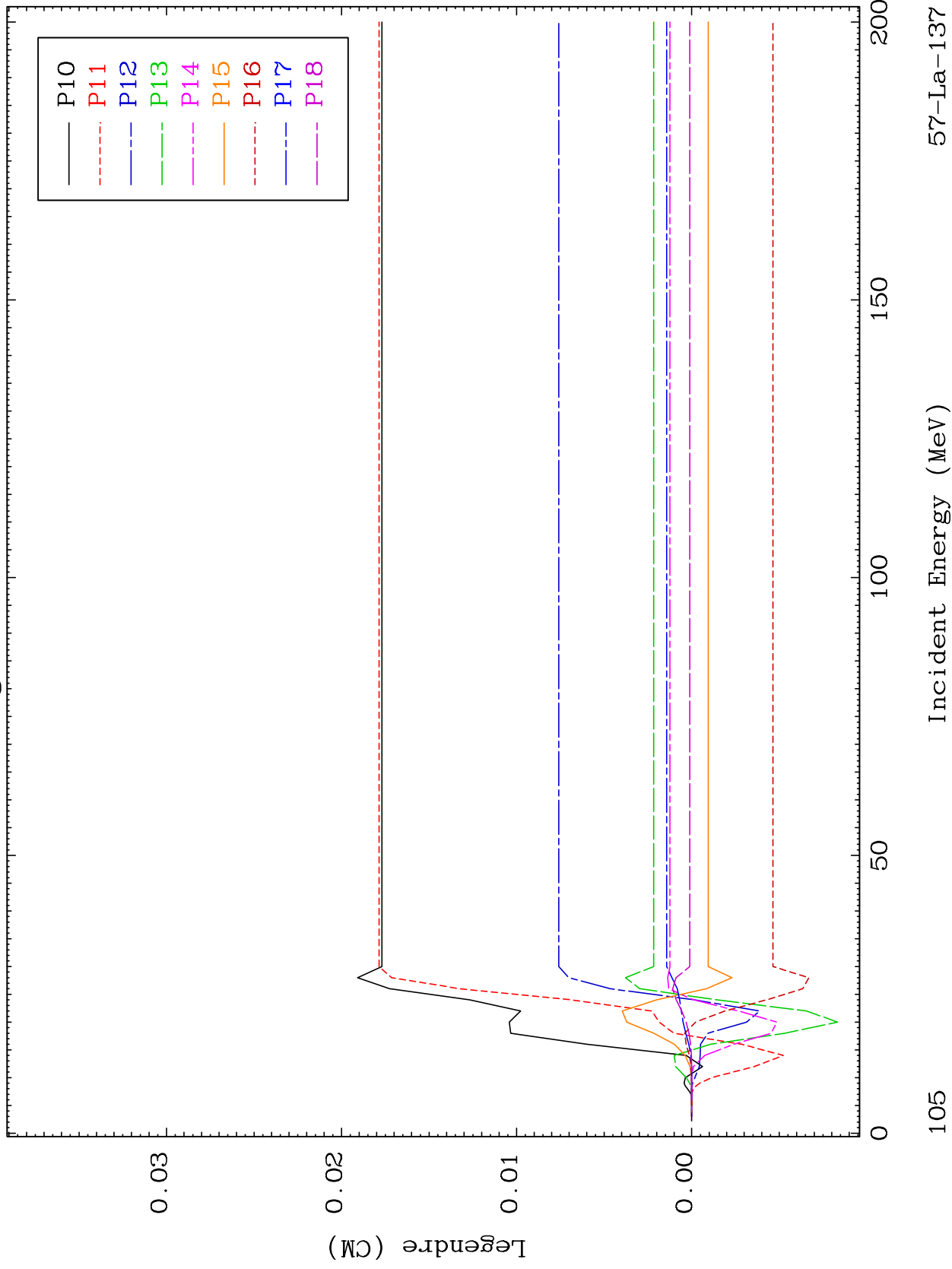
Incident Energy (MeV)

104

MAT 5722

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

57-La-137



57-La-137

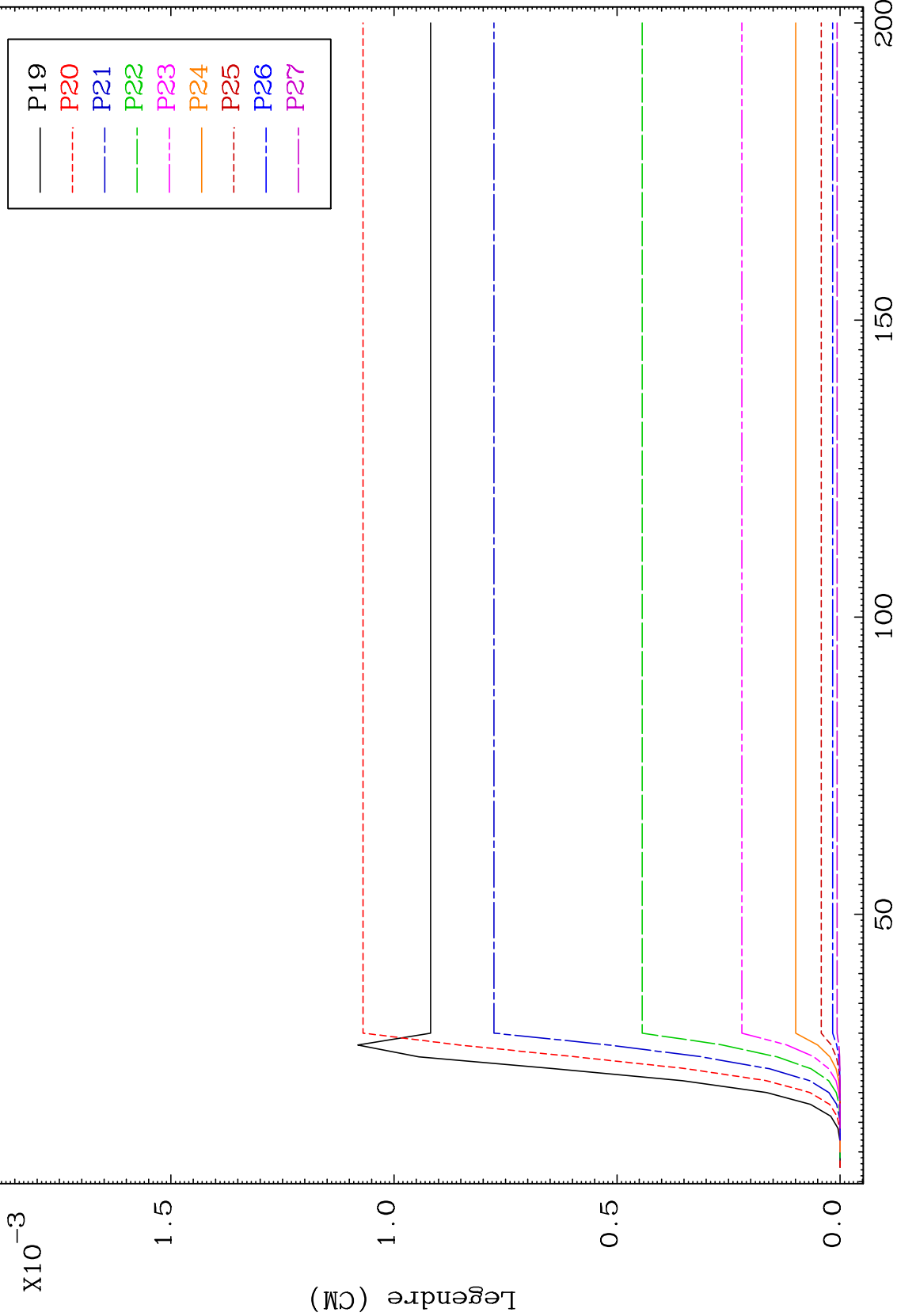
Incident Energy (MeV)

105

MAT 5722

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

57-La-137



106

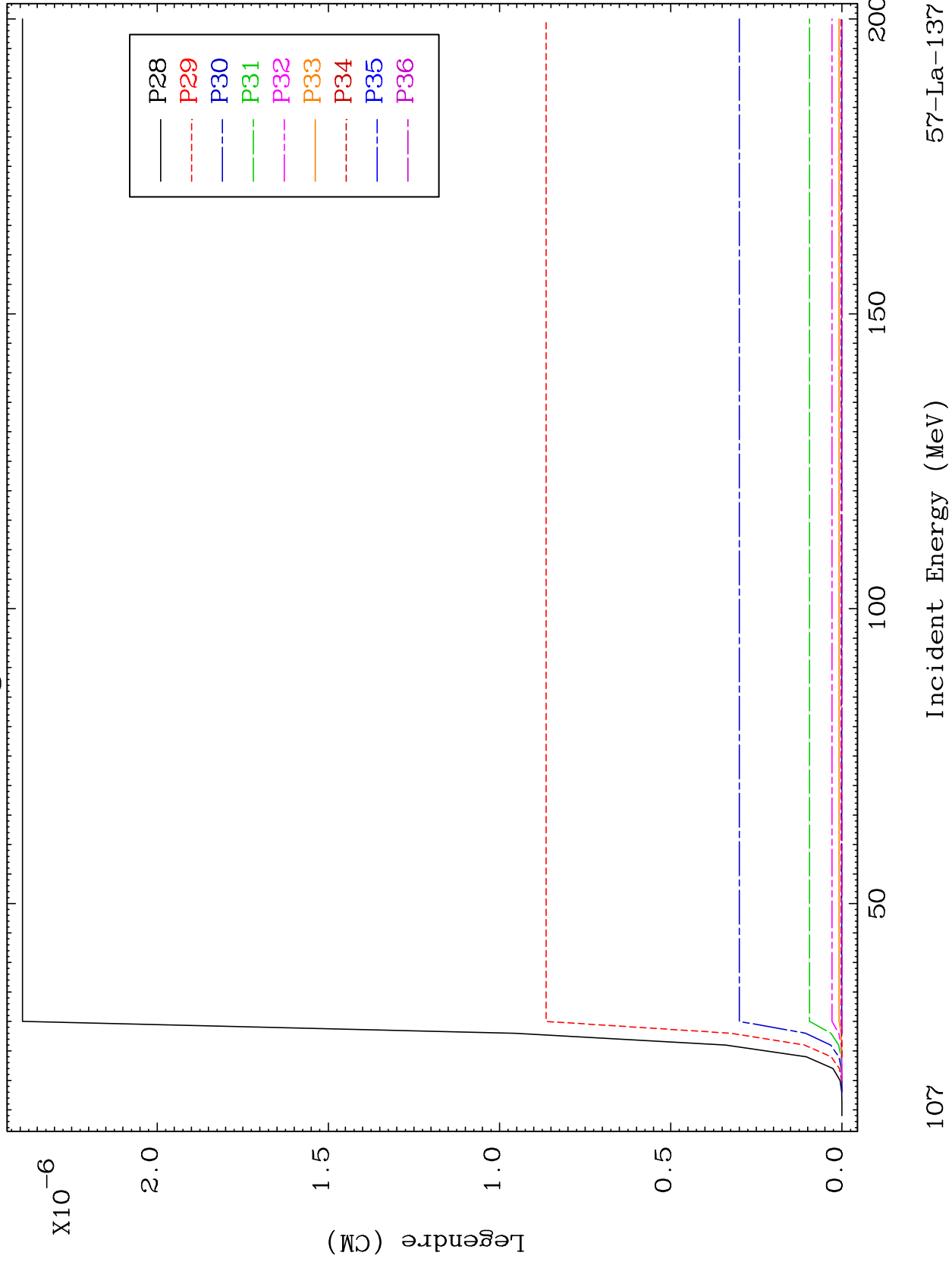
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



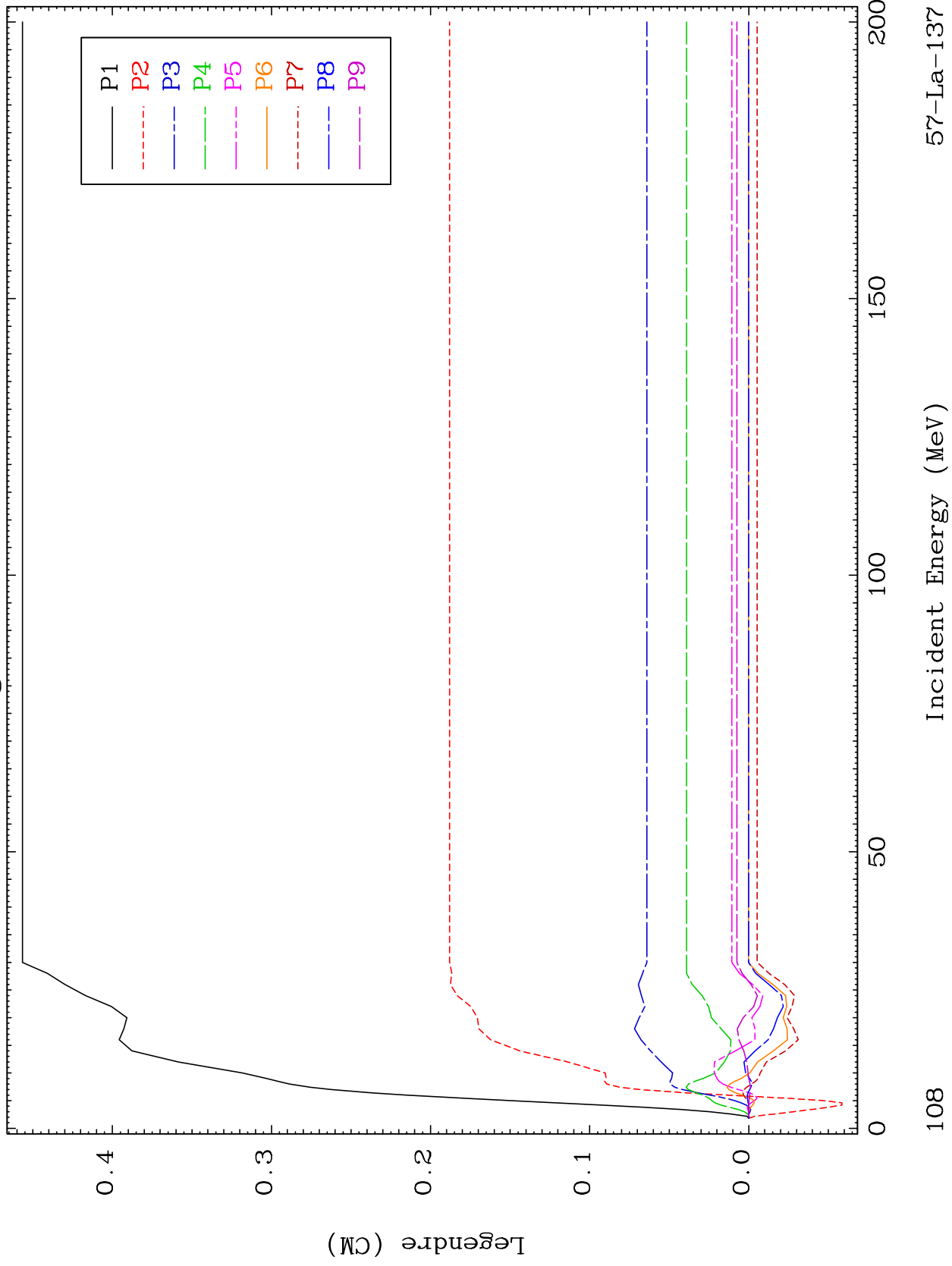
107

57-La-137

MAT 5722

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

57-La-137



57-La-137

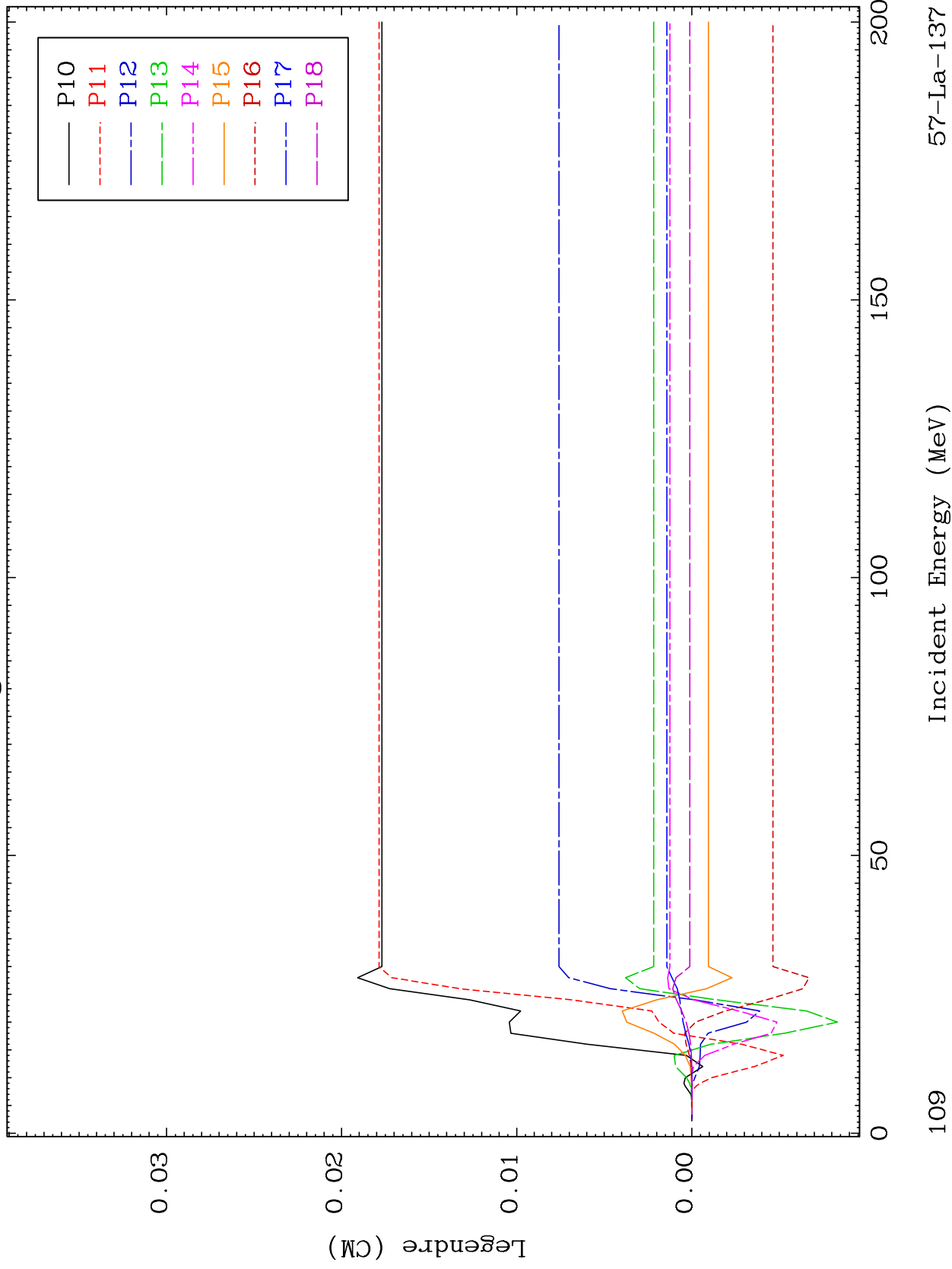
Incident Energy (MeV)

108

MAT 5722

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

57-La-137



57-La-137

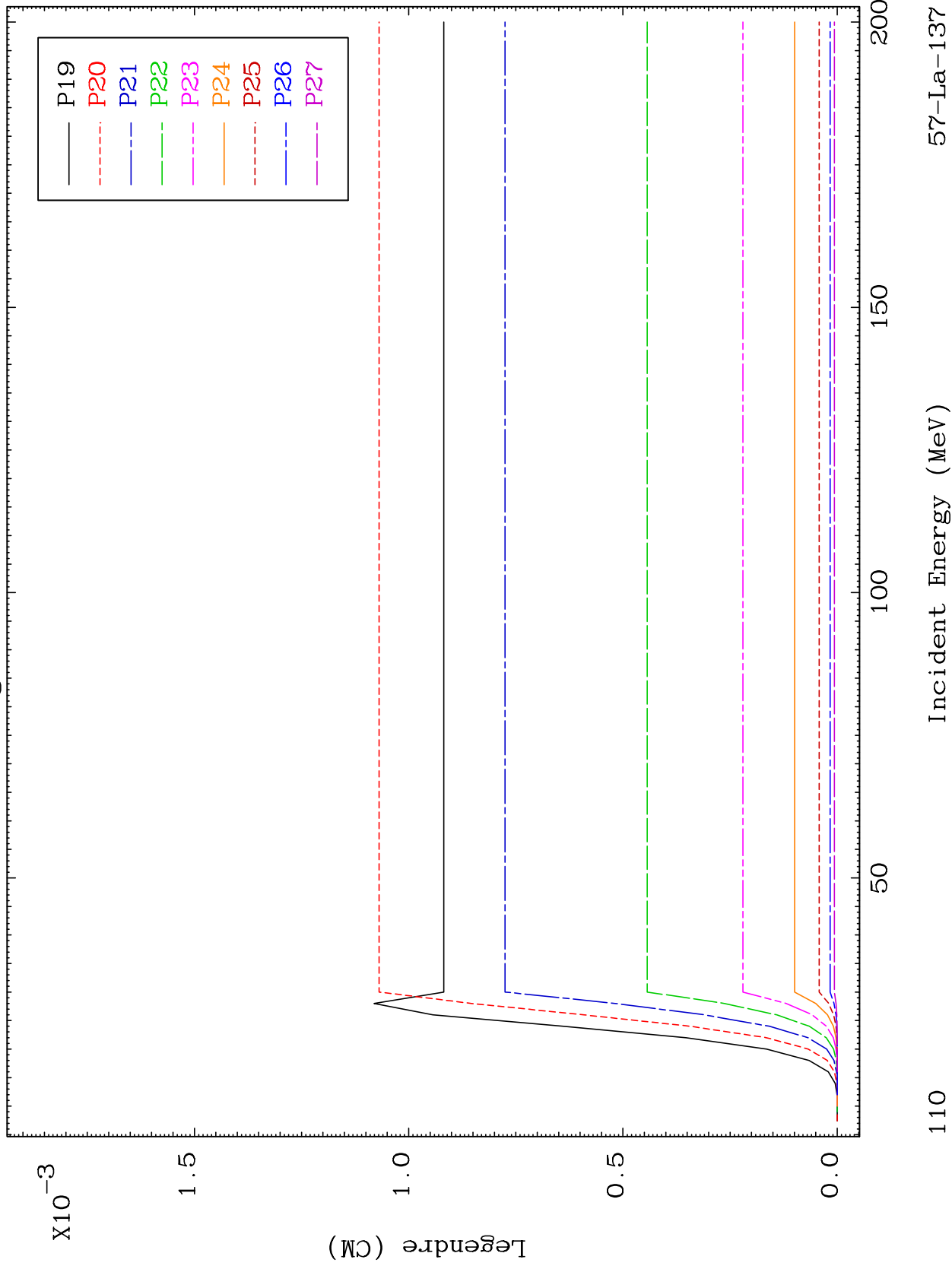
Incident Energy (MeV)

109

MAT 5722

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

57-La-137



57-La-137

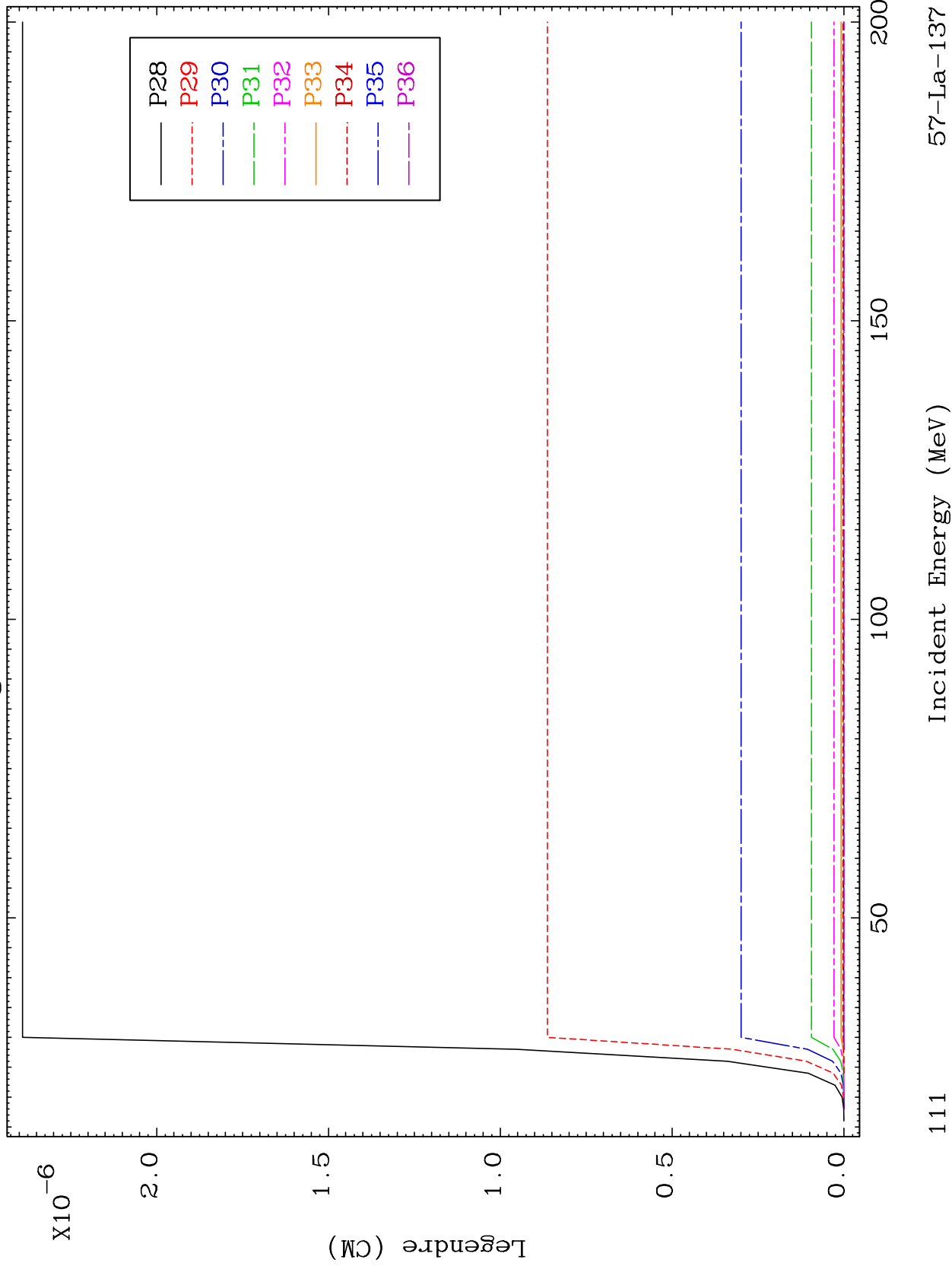
Incident Energy (MeV)

110

MAT 5722

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

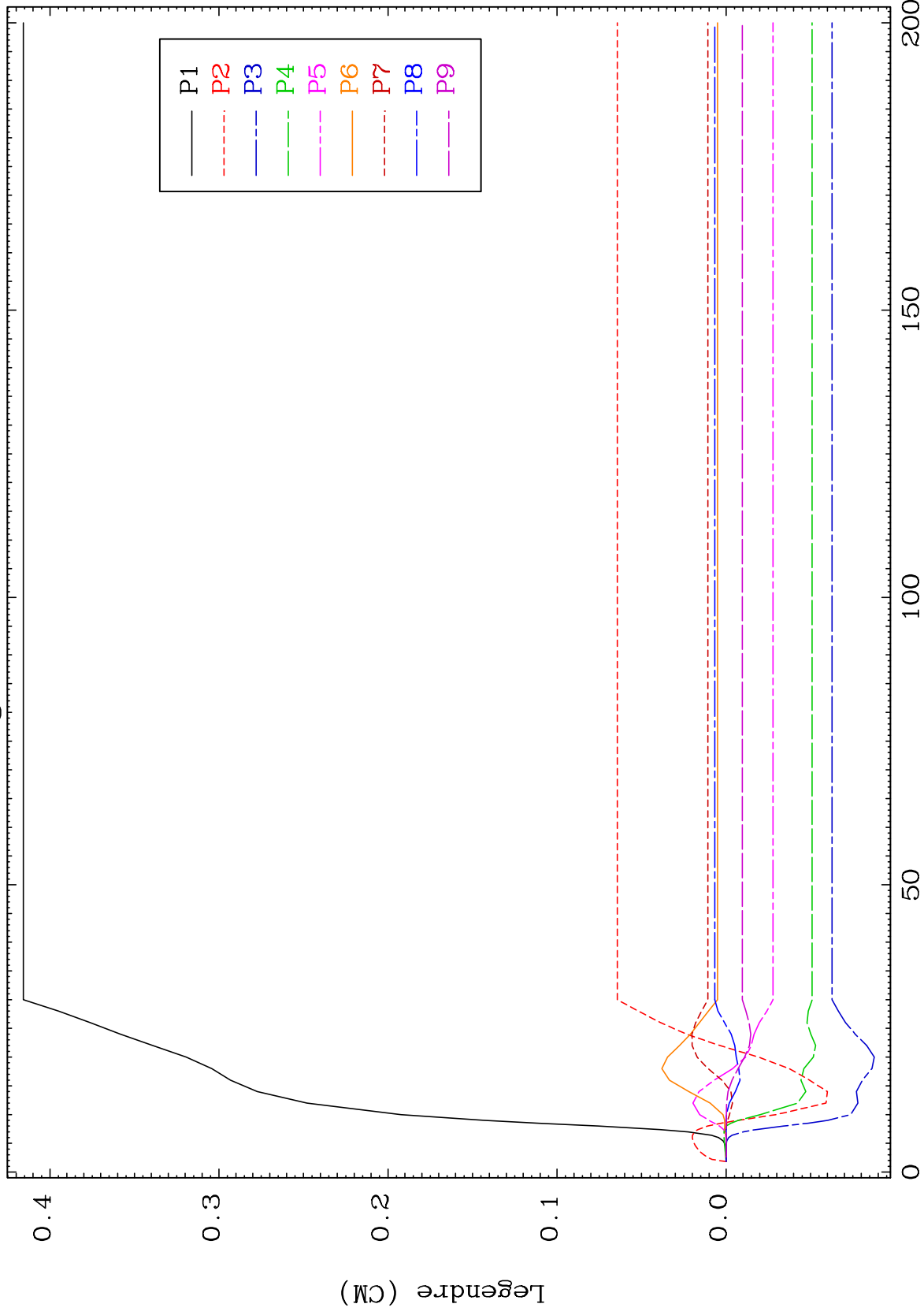
57-La-137



MAT 5722

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

57-La-137



112

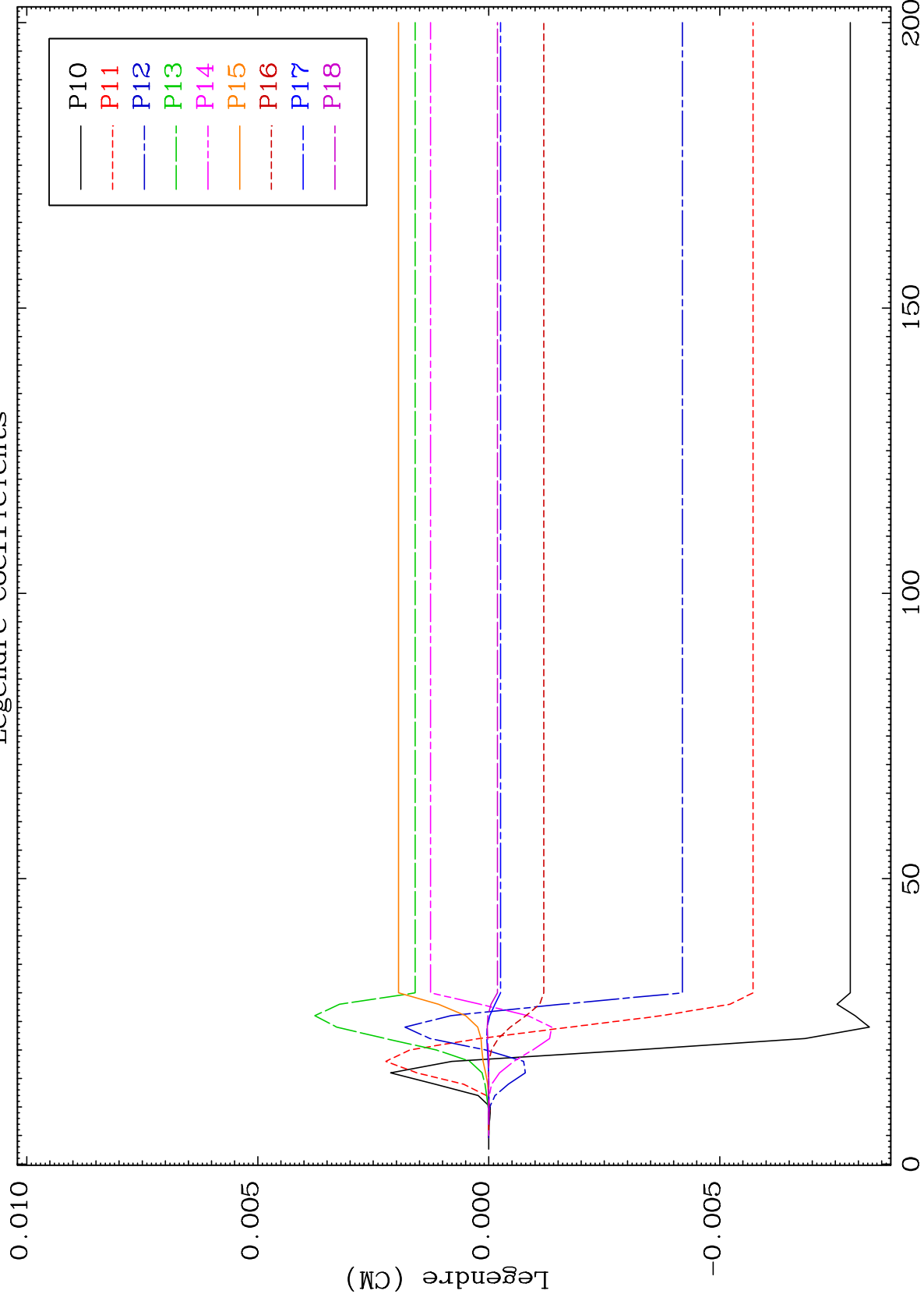
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



113

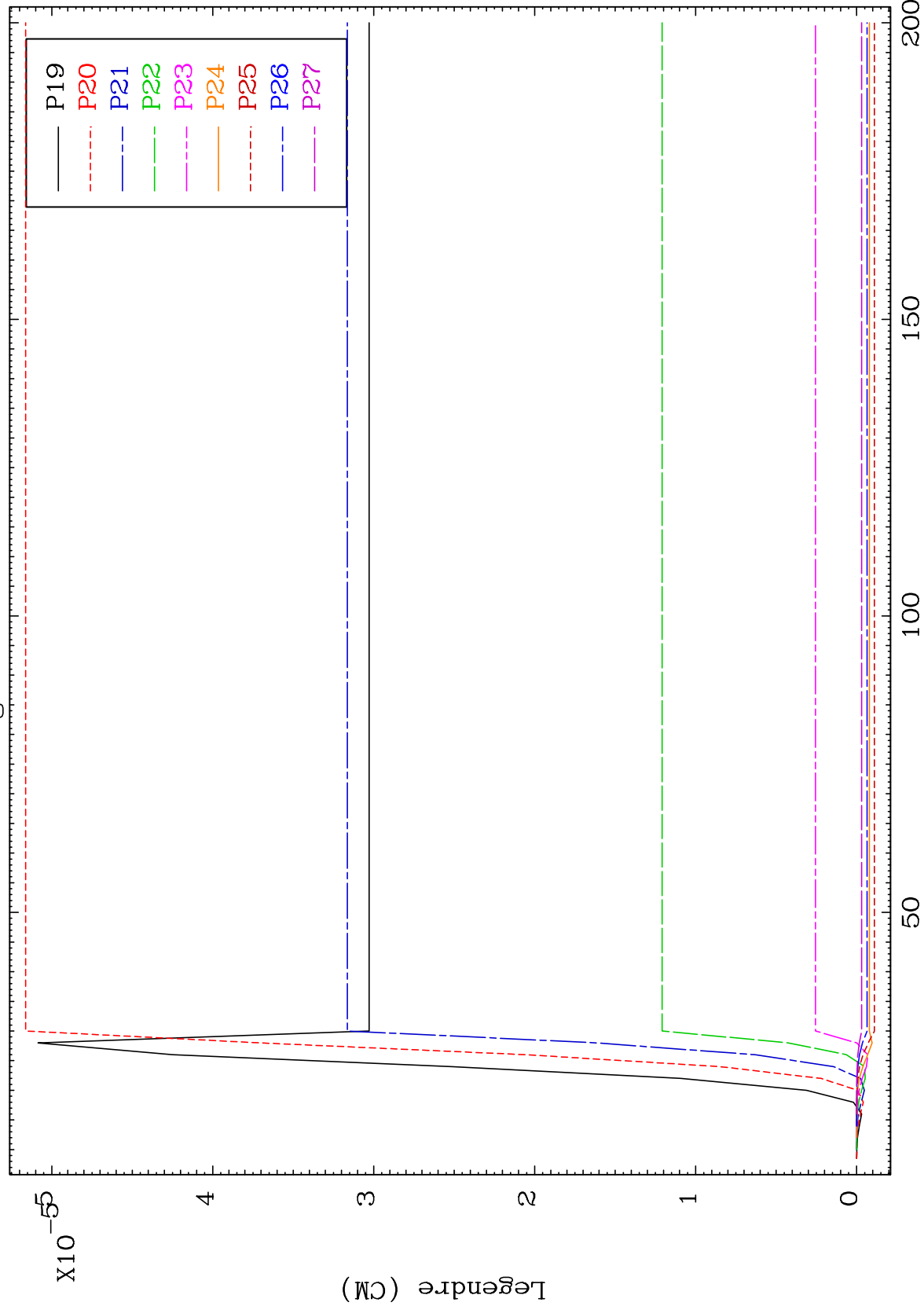
Incident Energy (MeV)

57-La-137

MAT 5722

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

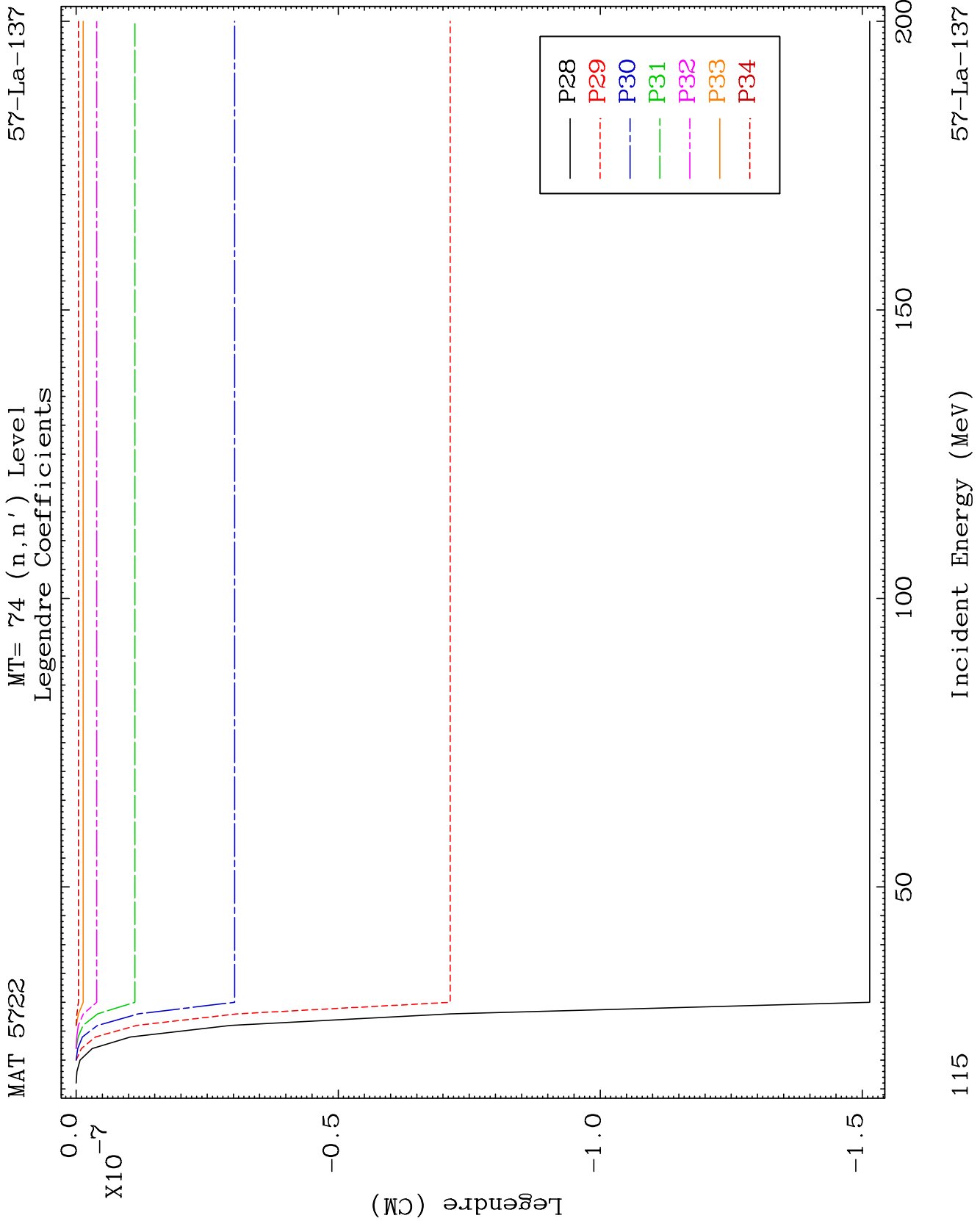
57-La-137



57-La-137

Incident Energy (MeV)

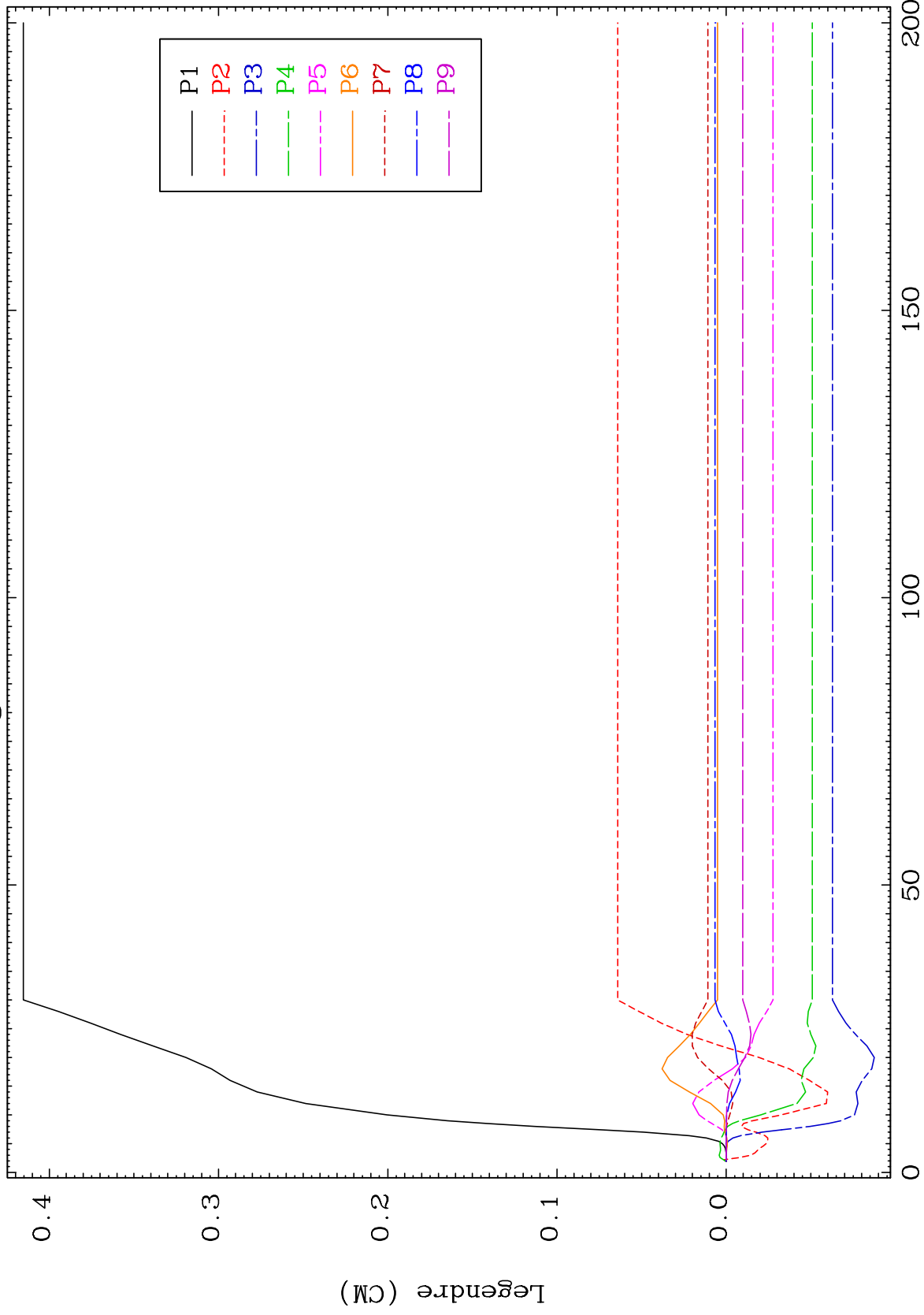
114



MAT 5722

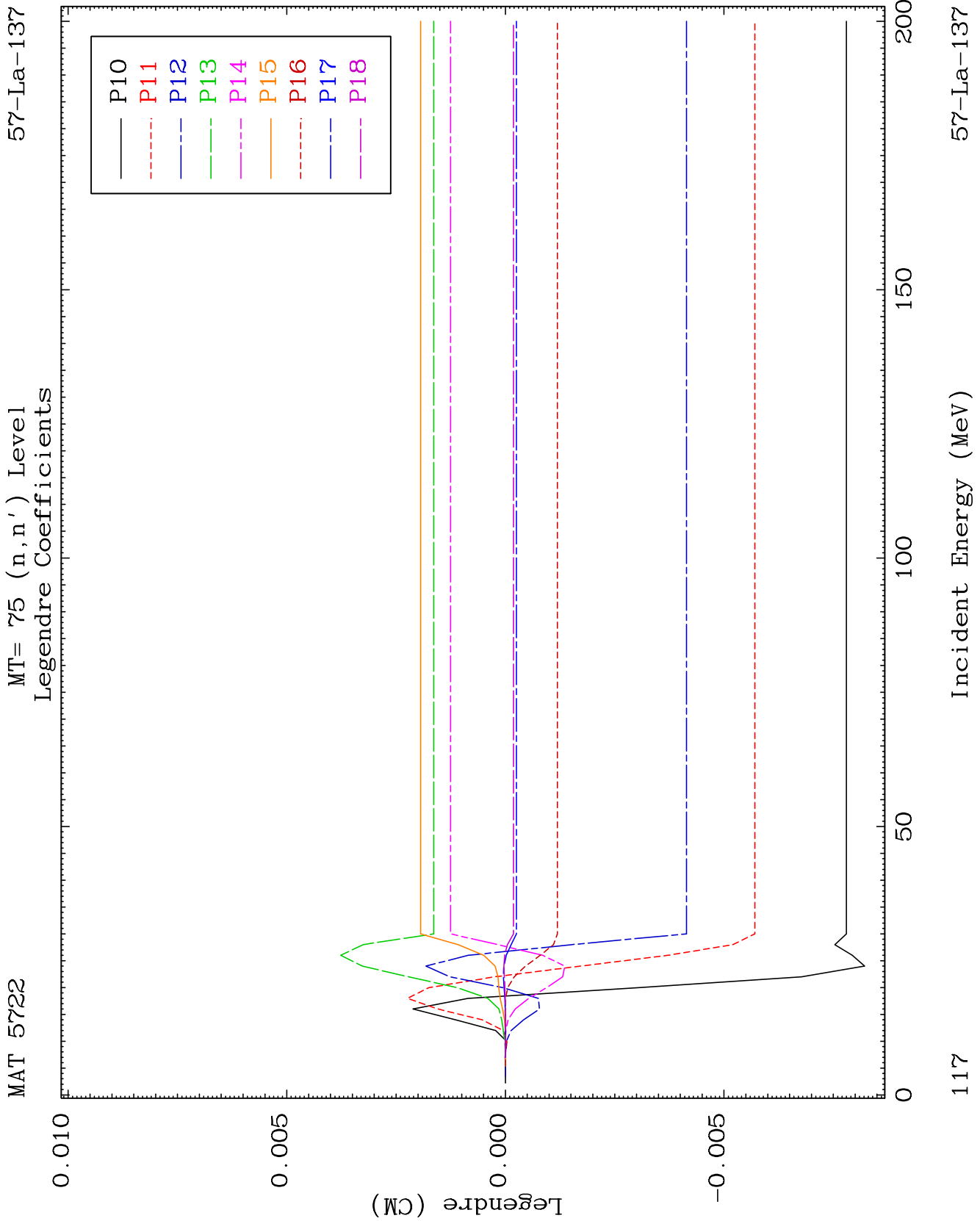
MT= 75 (n,n') Level
Legendre Coefficients

57-La-137



116

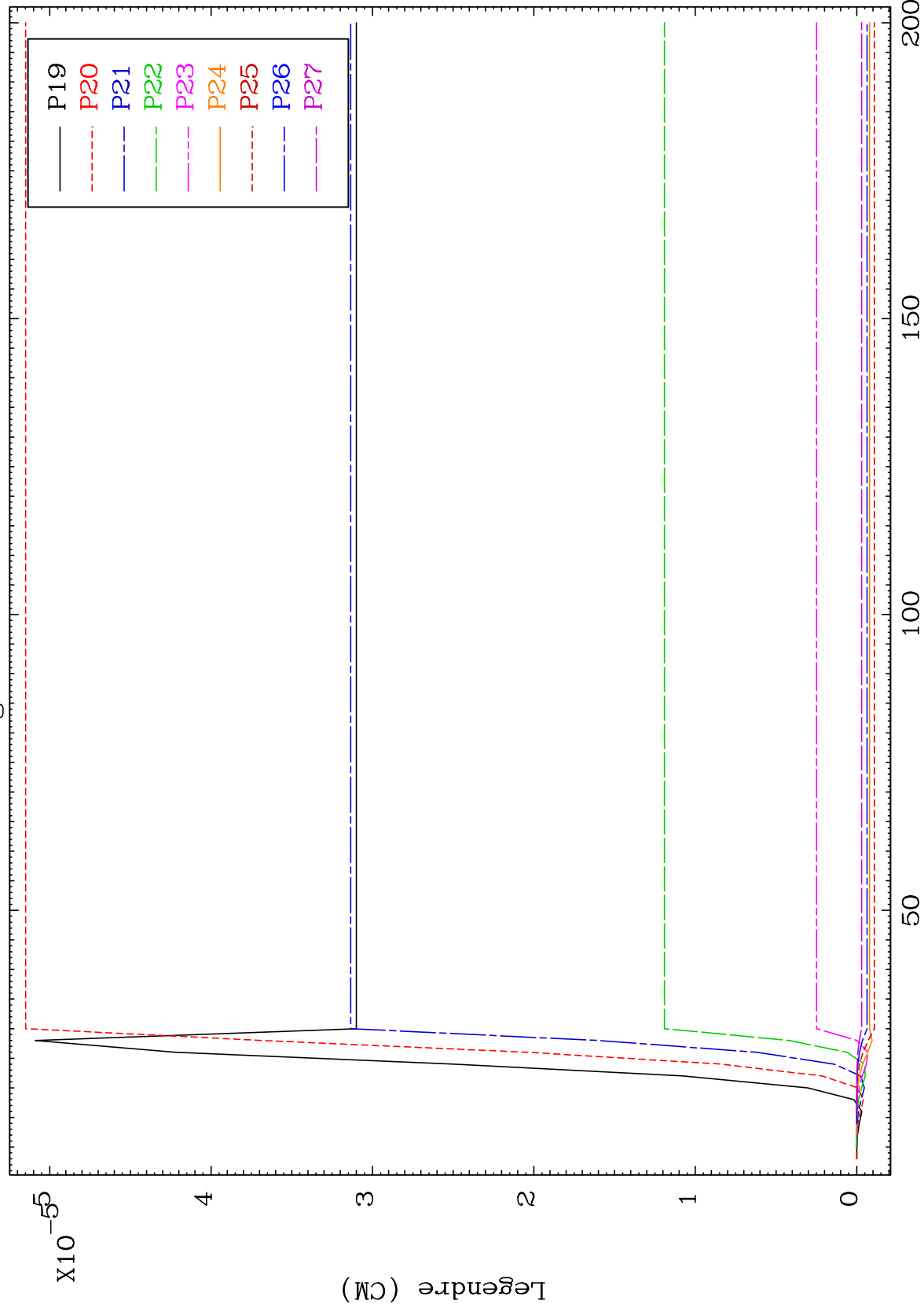
57-La-137



MAT 5722

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

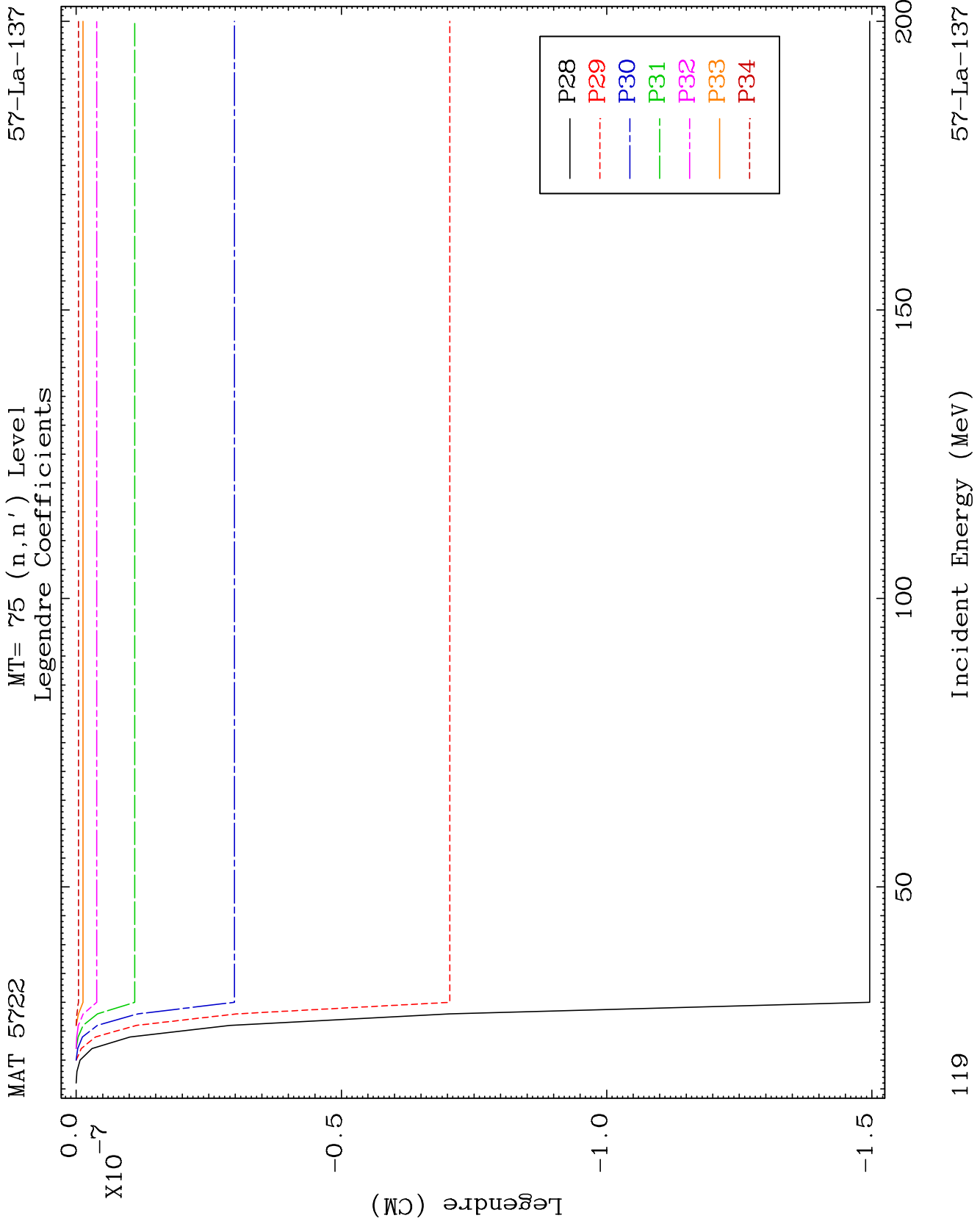
57-La-137



57-La-137

Incident Energy (MeV)

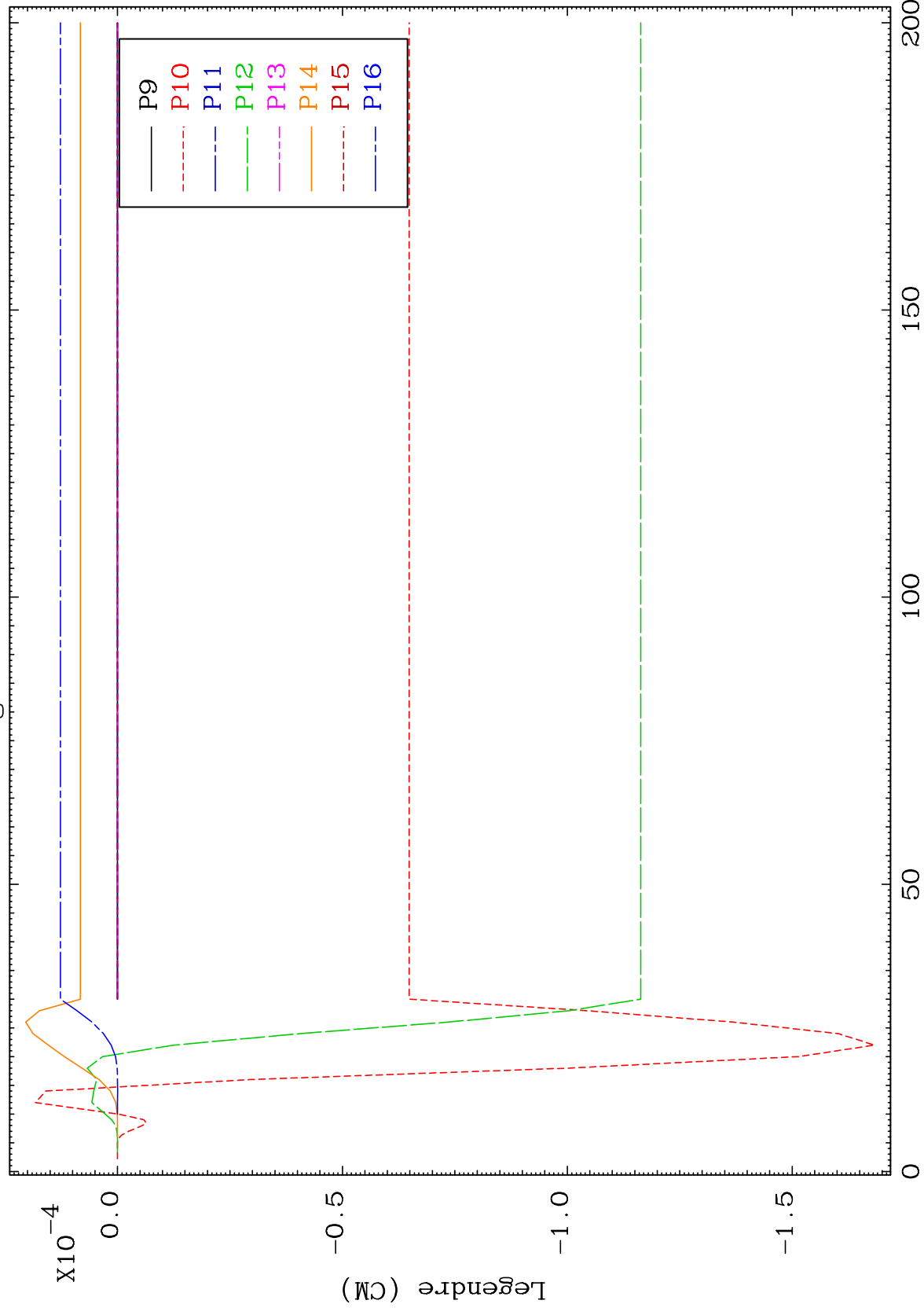
118



MAT 5722

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

57-La-137



121

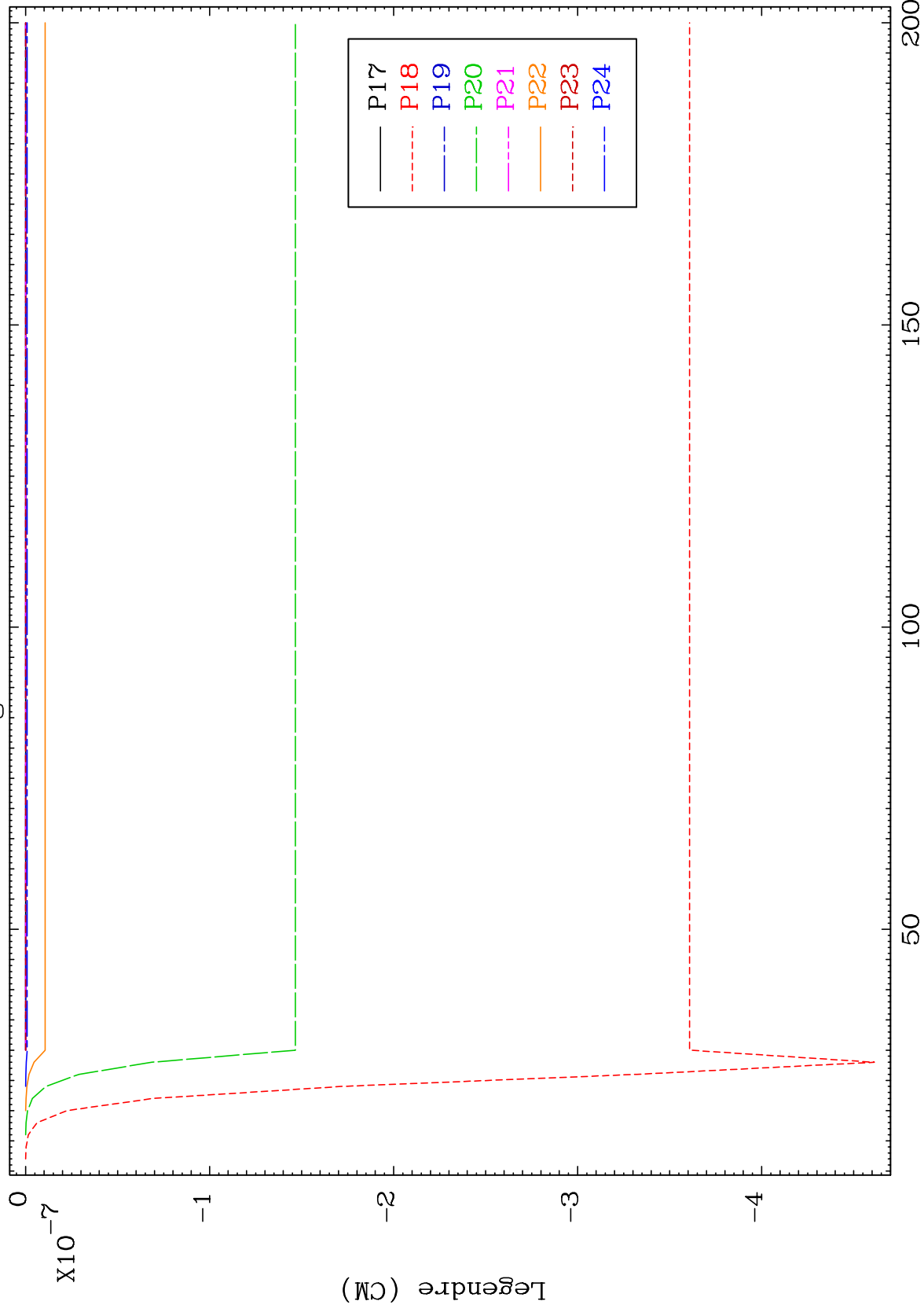
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



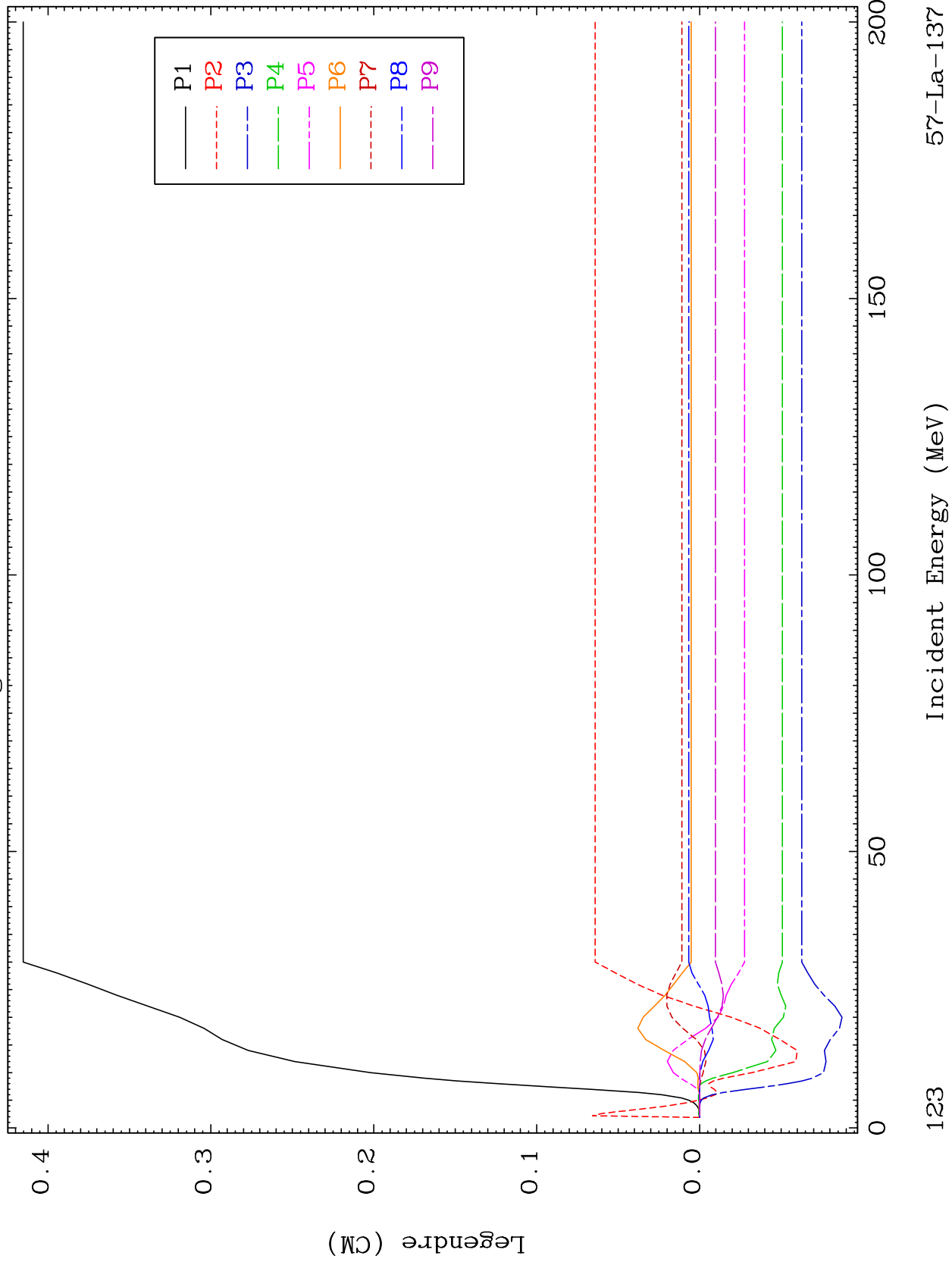
122

57-La-137

MAT 5722

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

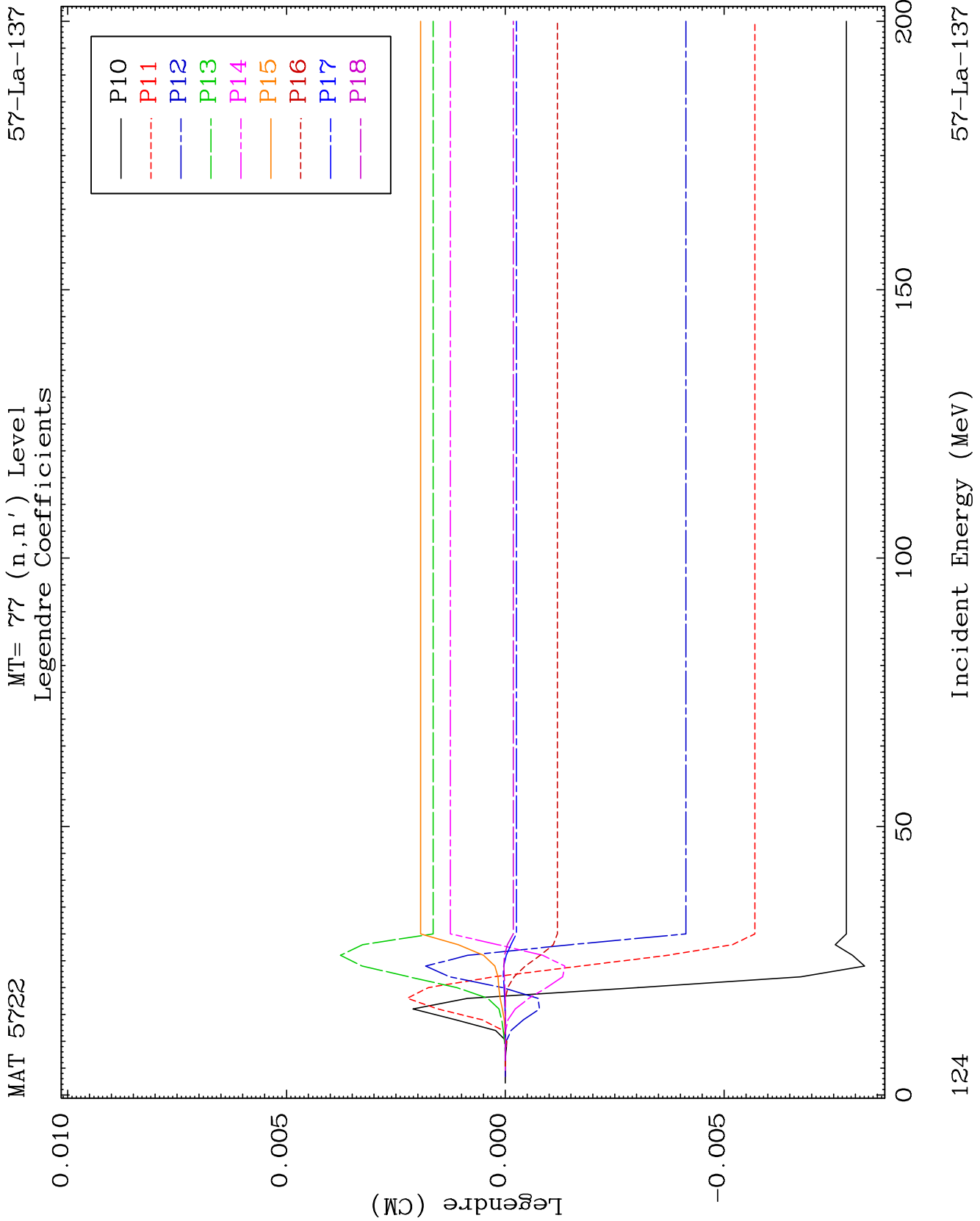
57-La-137

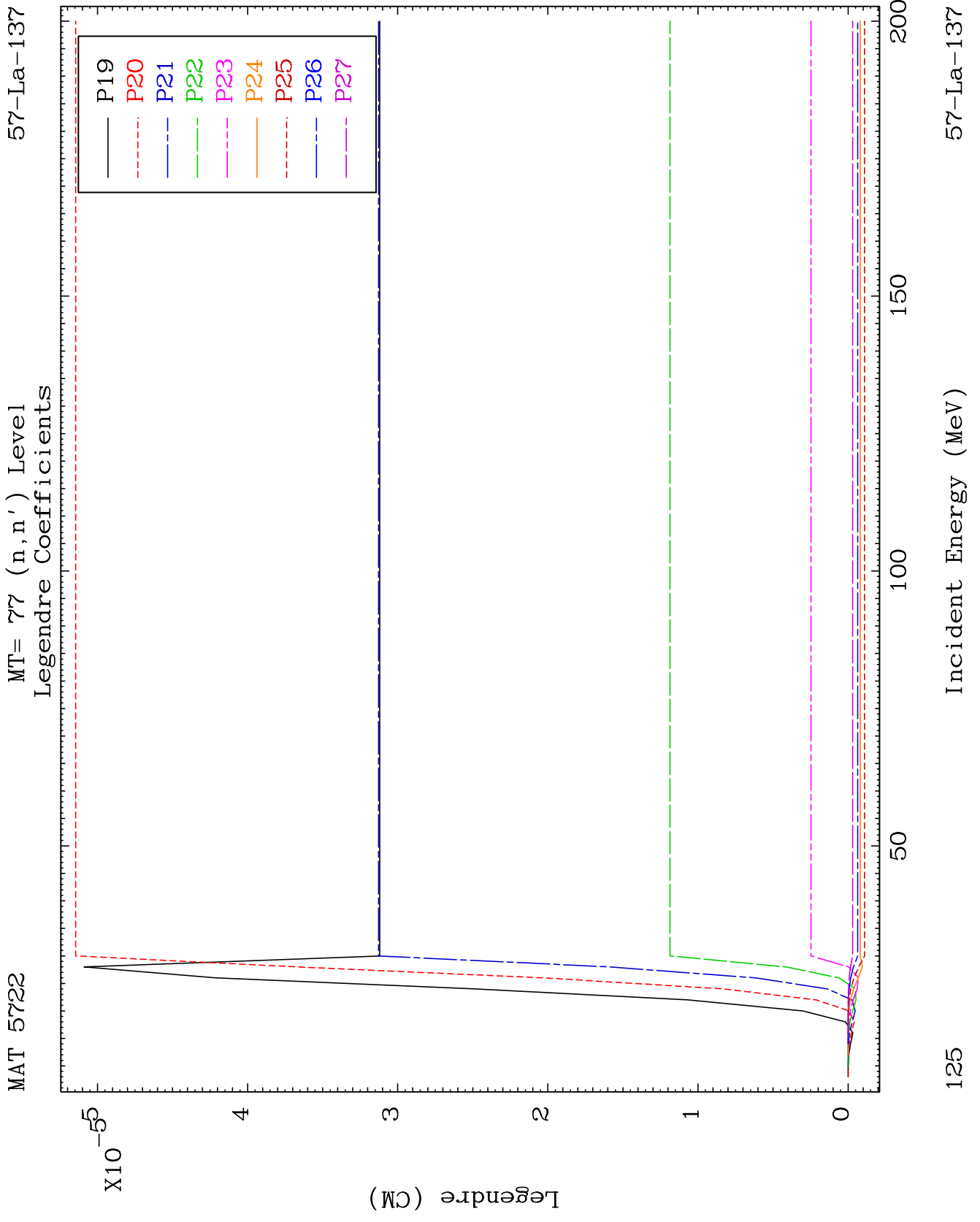


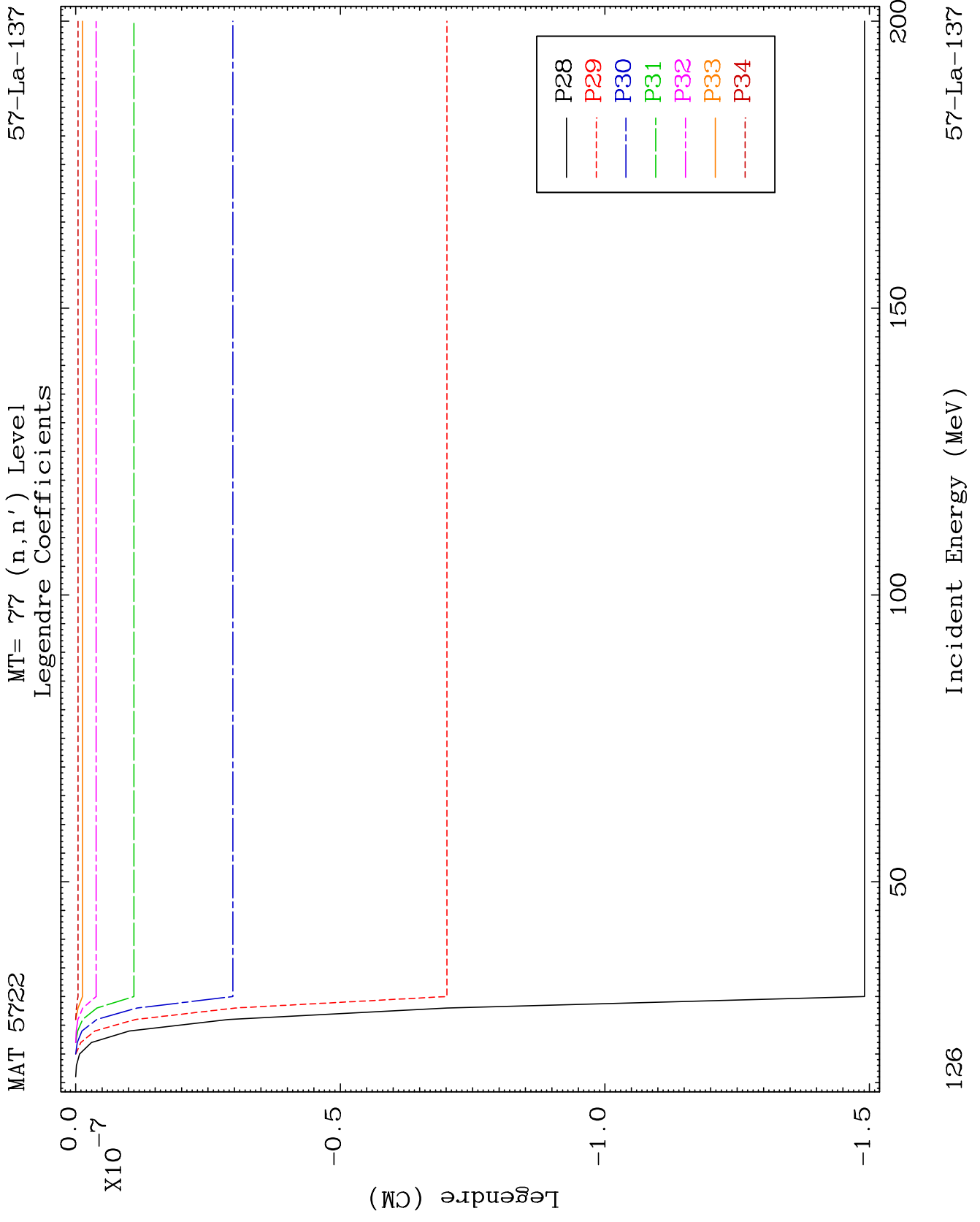
57-La-137

Incident Energy (MeV)

123



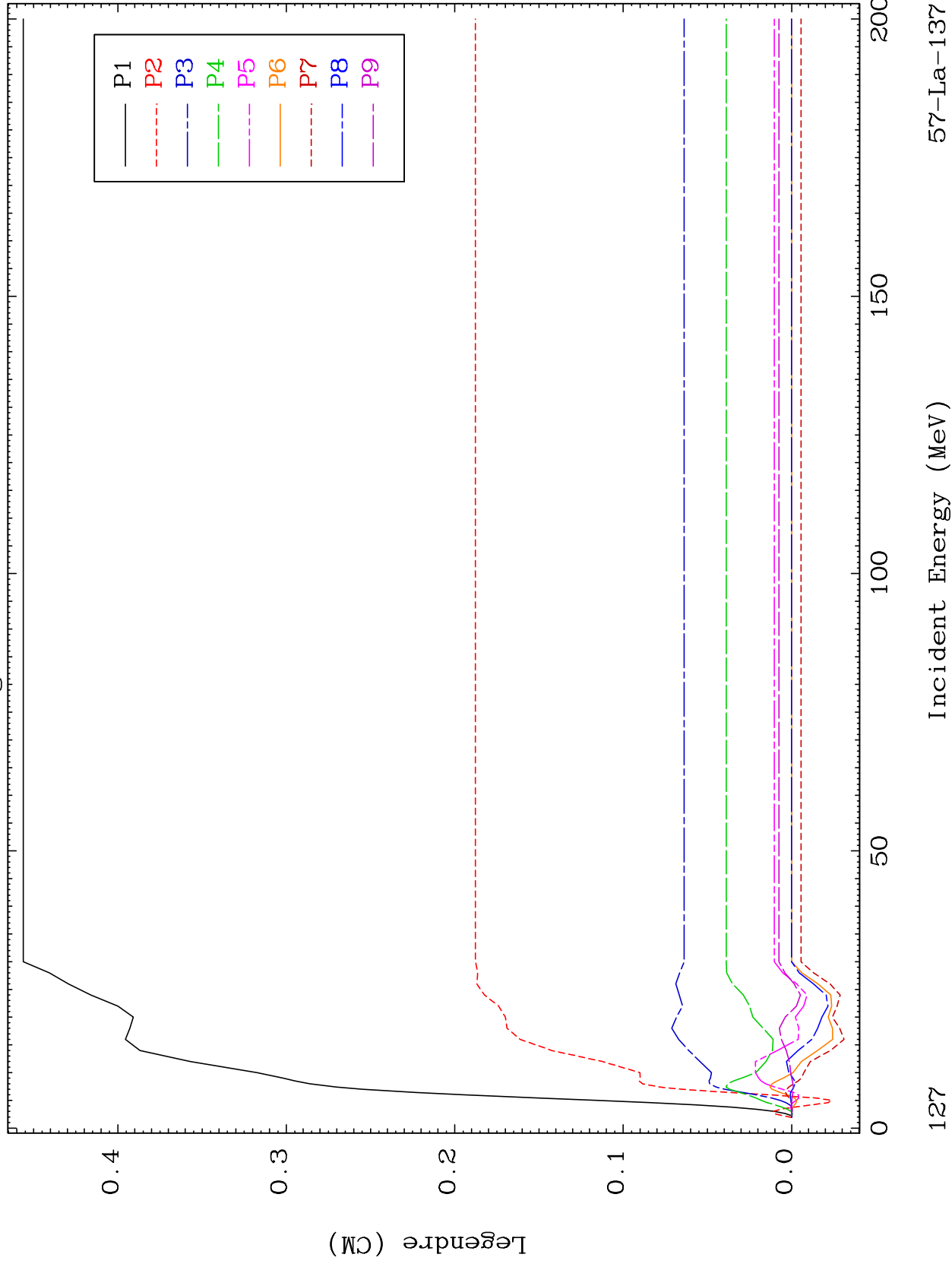




MAT 5722

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

57-La-137



57-La-137

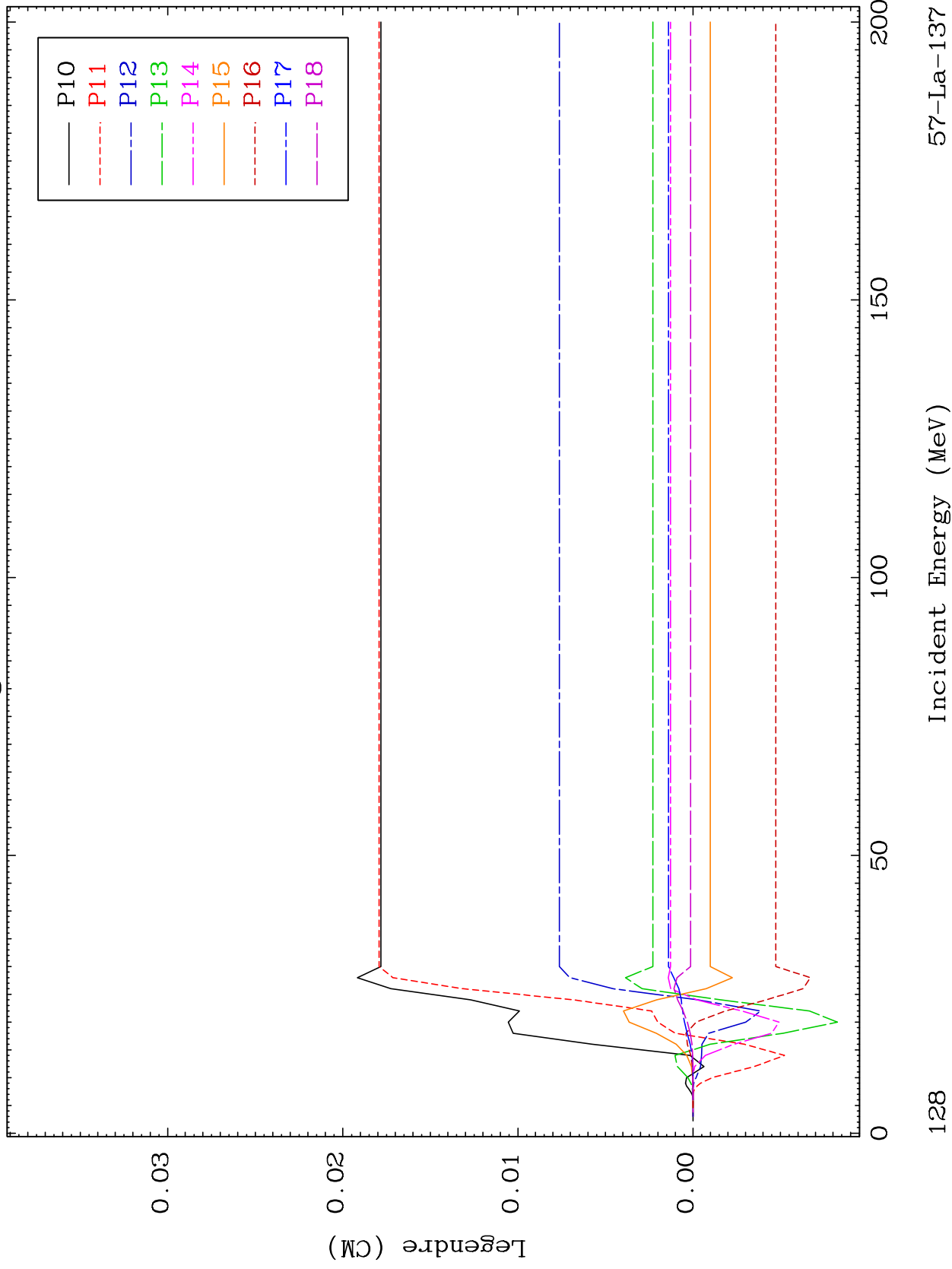
Incident Energy (MeV)

127

MAT 5722

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

57-La-137



57-La-137

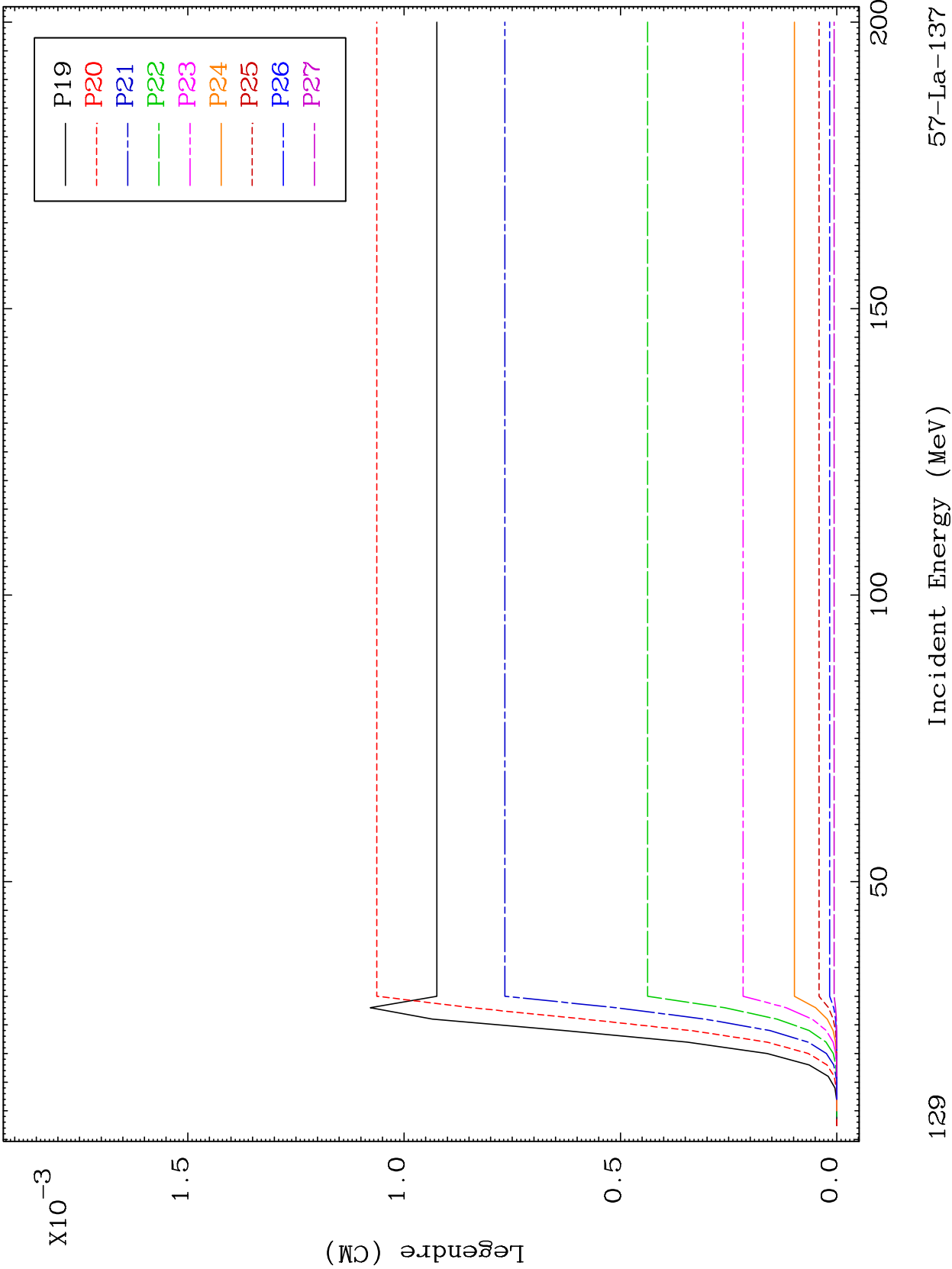
Incident Energy (MeV)

128

MAT 5722

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

57-La-137



129

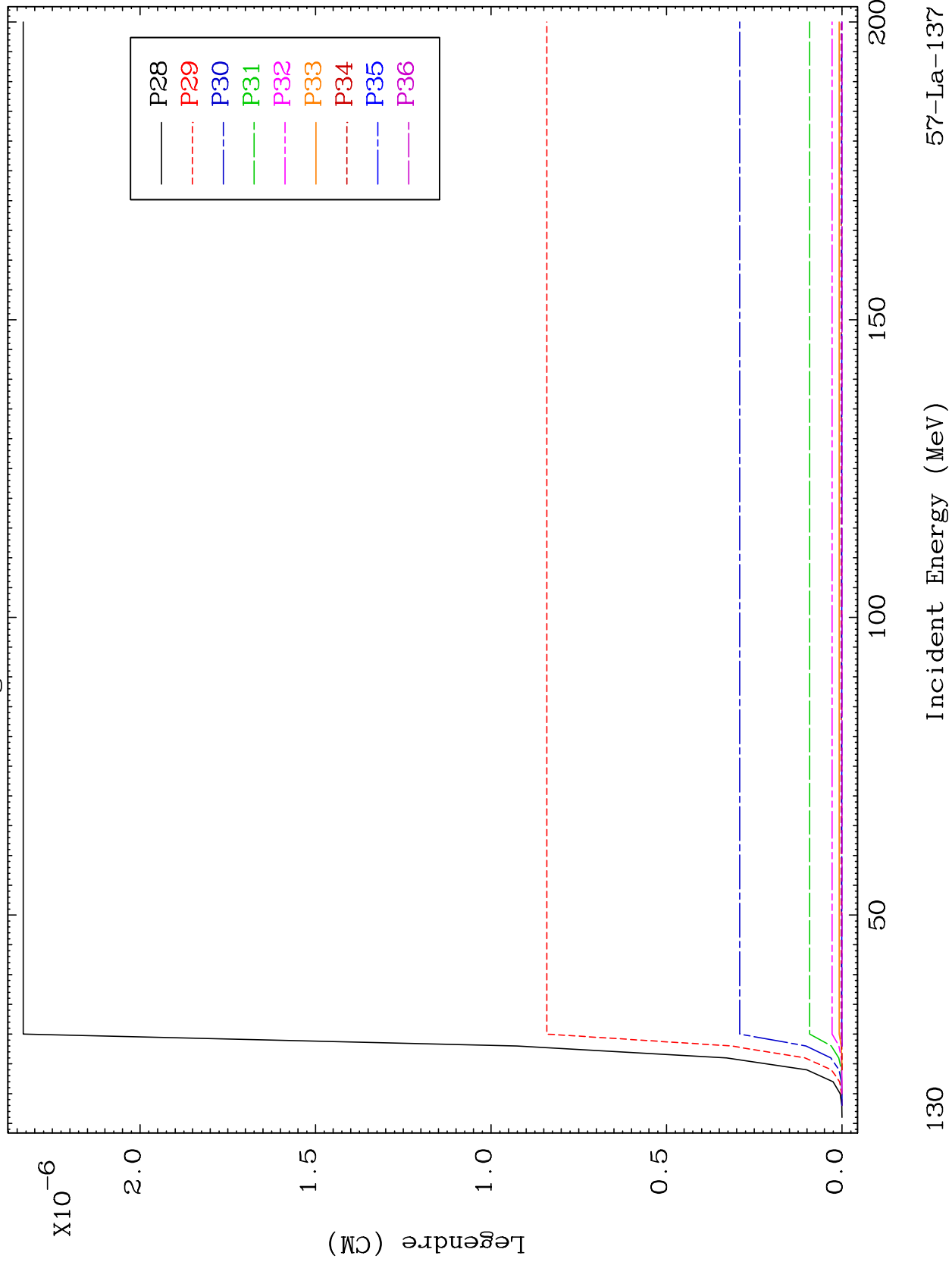
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



130

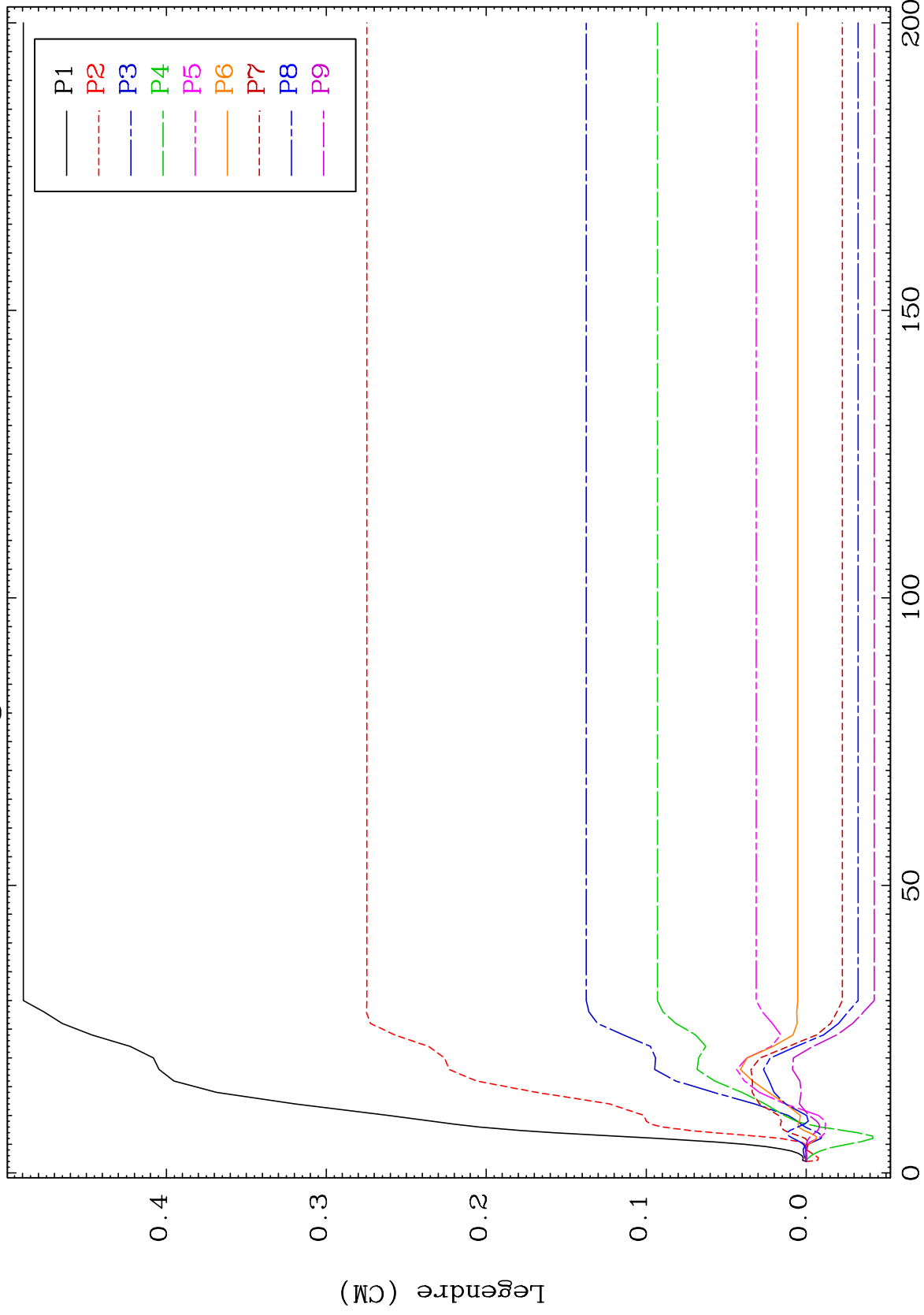
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



57-La-137

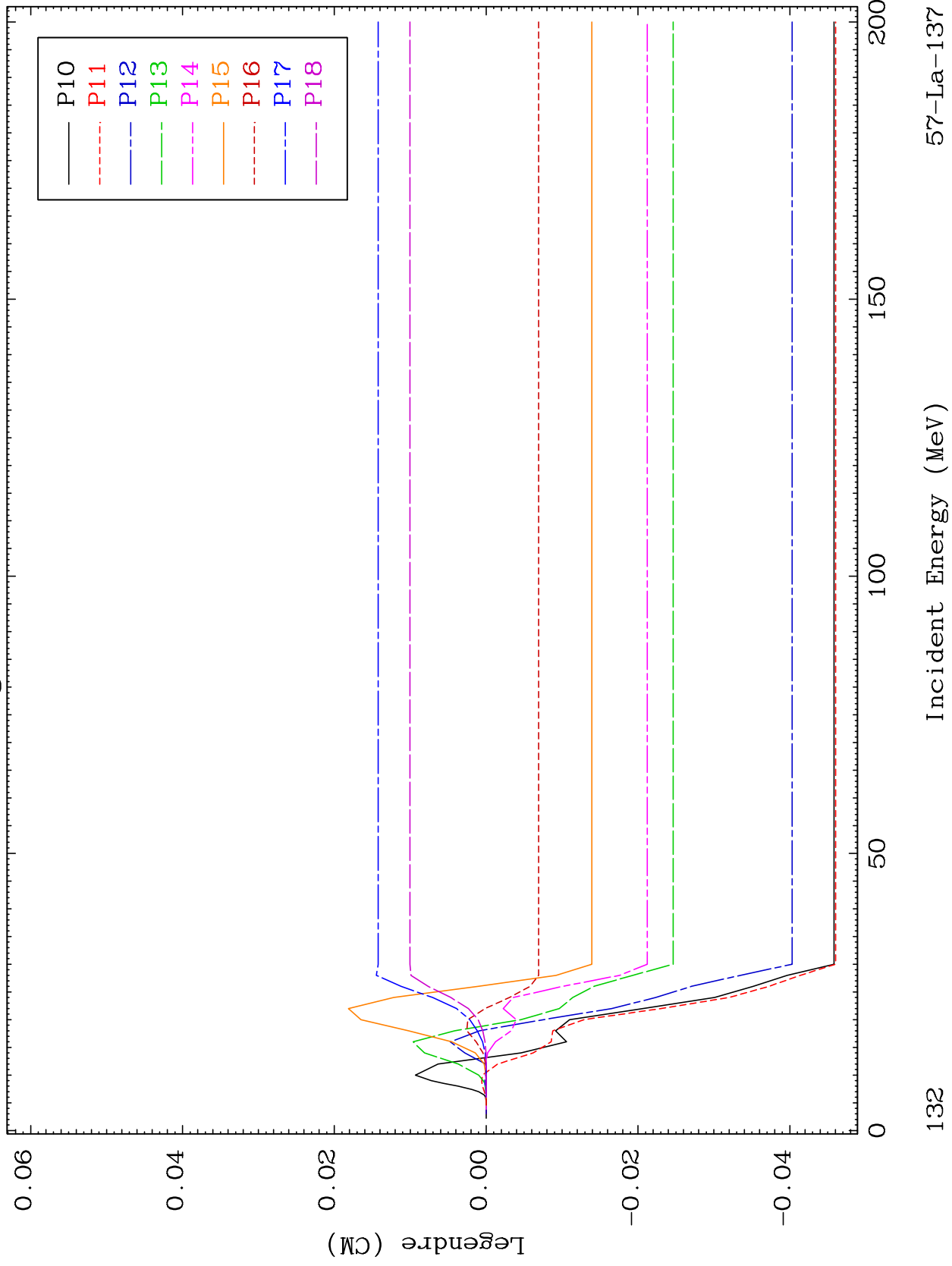
Incident Energy (MeV)

131

MAT 5722

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

57-La-137



57-La-137

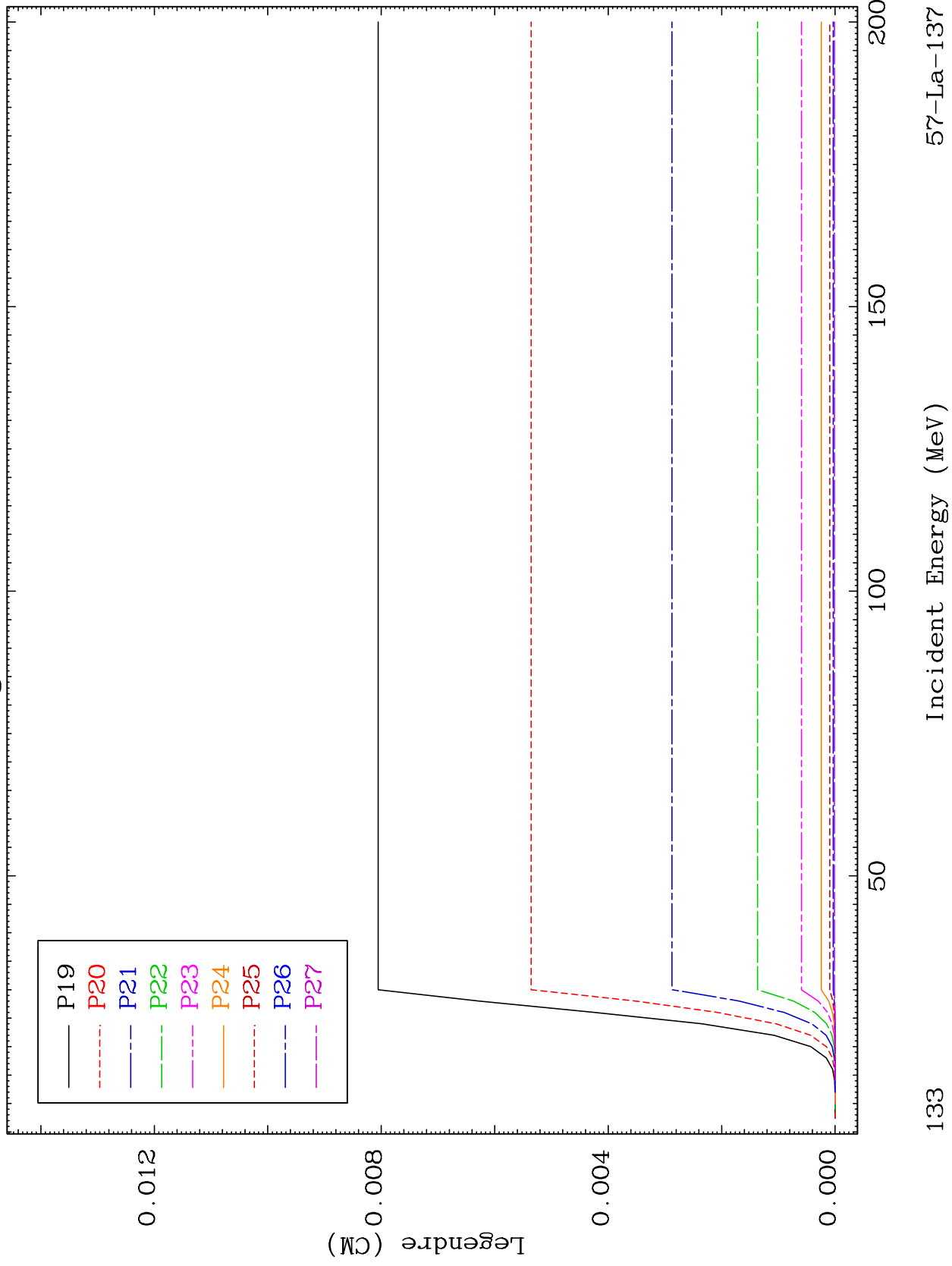
Incident Energy (MeV)

132

MAT 5722

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

57-La-137



133

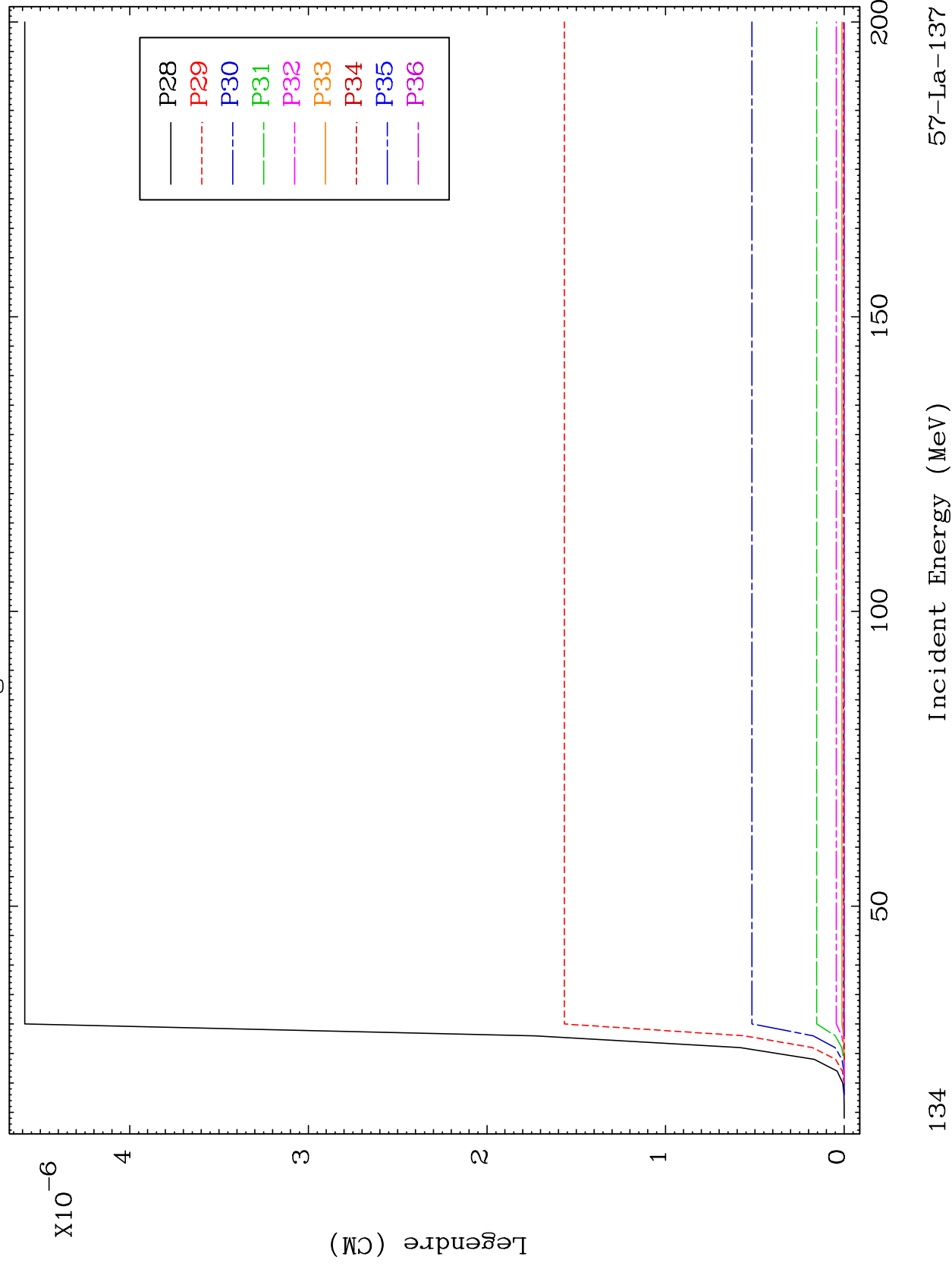
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



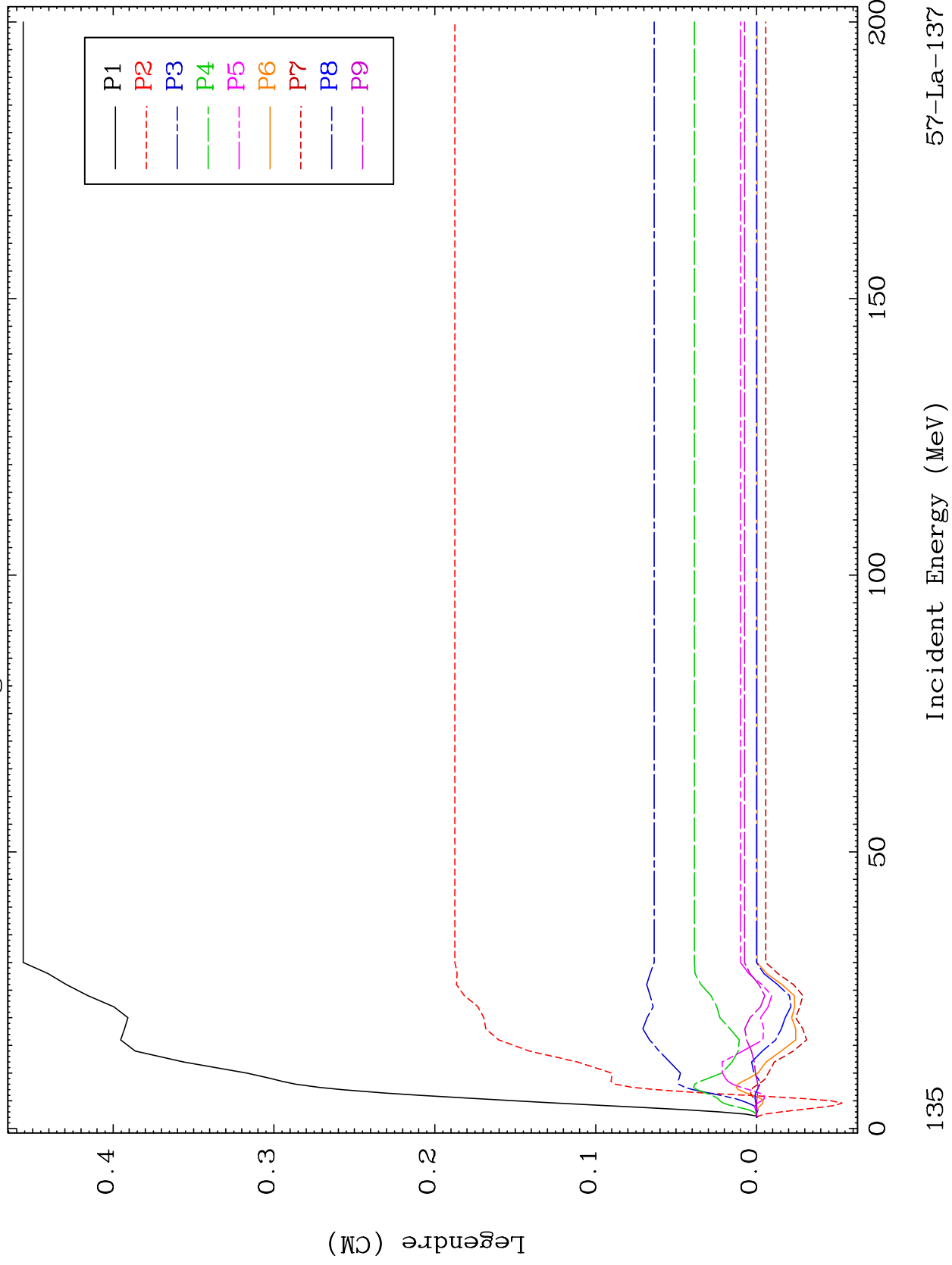
134

57-La-137

MAT 5722

MT= 80 (n,n') Level
Legendre Coefficients

57-La-137



57-La-137

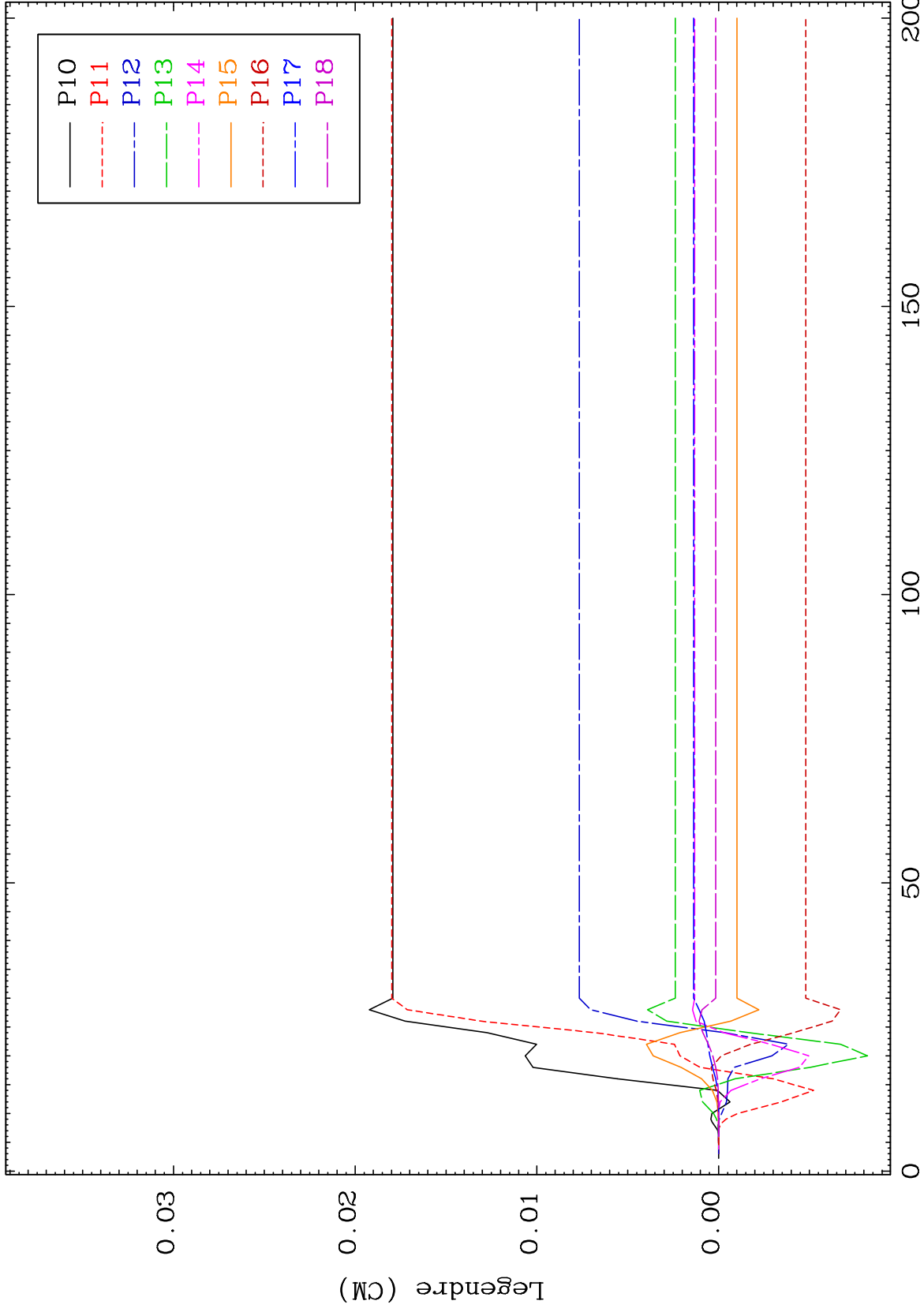
Incident Energy (MeV)

135

MAT 5722

MT= 80 (n,n') Level
Legendre Coefficients

57-La-137



136

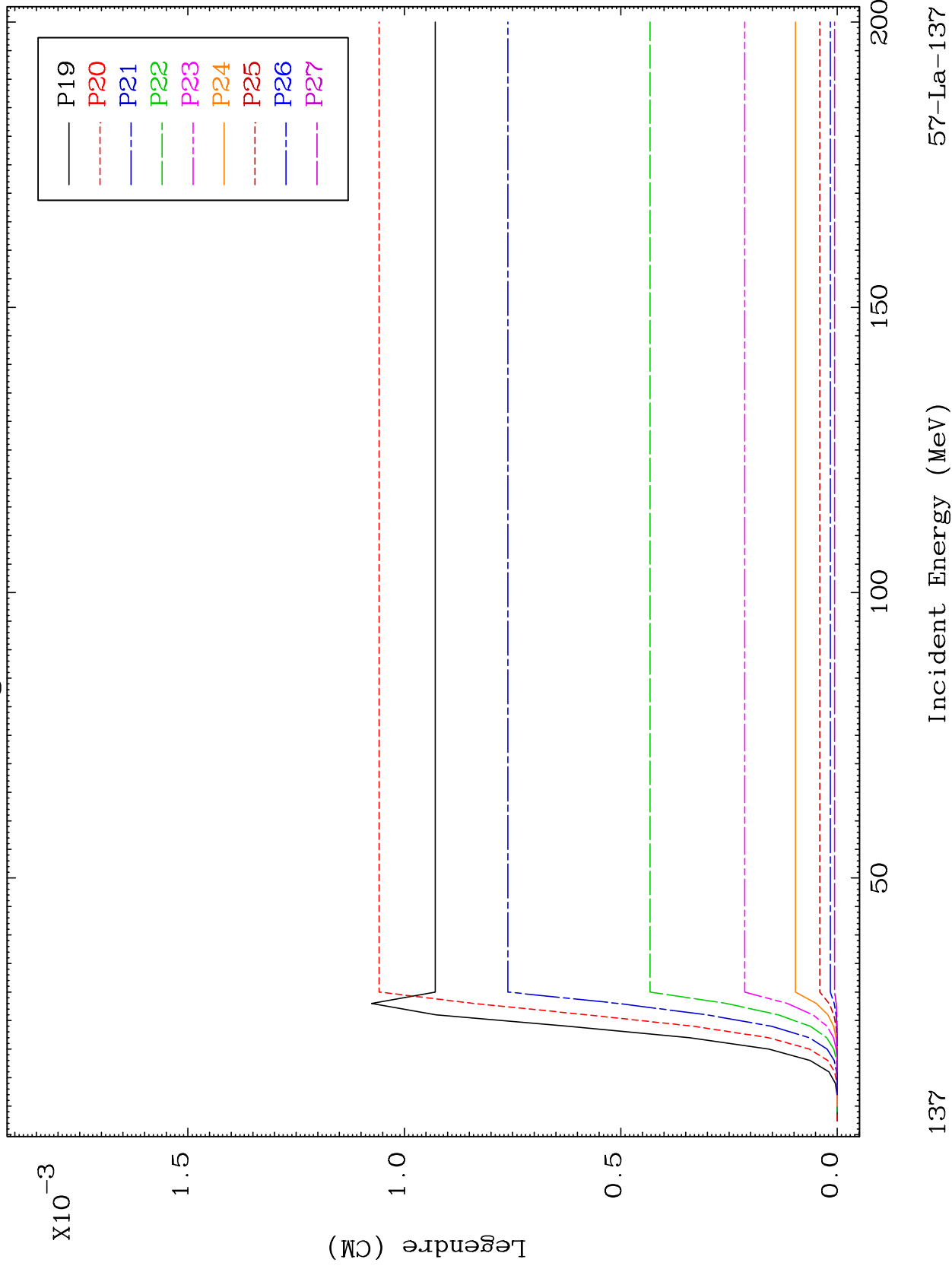
Incident Energy (MeV)

57-La-137

MAT 5722

MT= 80 (n,n') Level
Legendre Coefficients

57-La-137



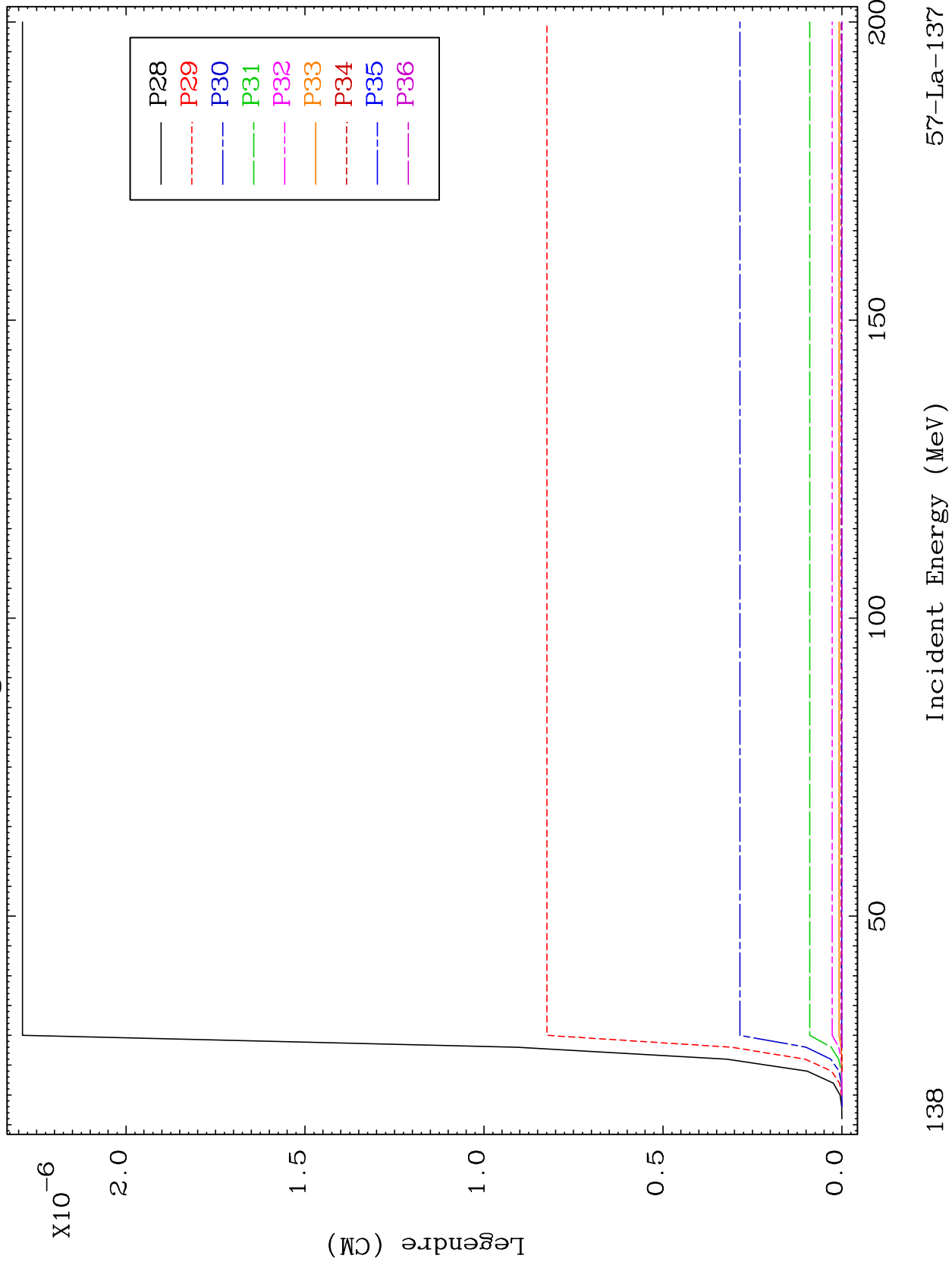
137

57-La-137

MAT 5722

MT= 80 (n,n') Level
Legendre Coefficients

57-La-137



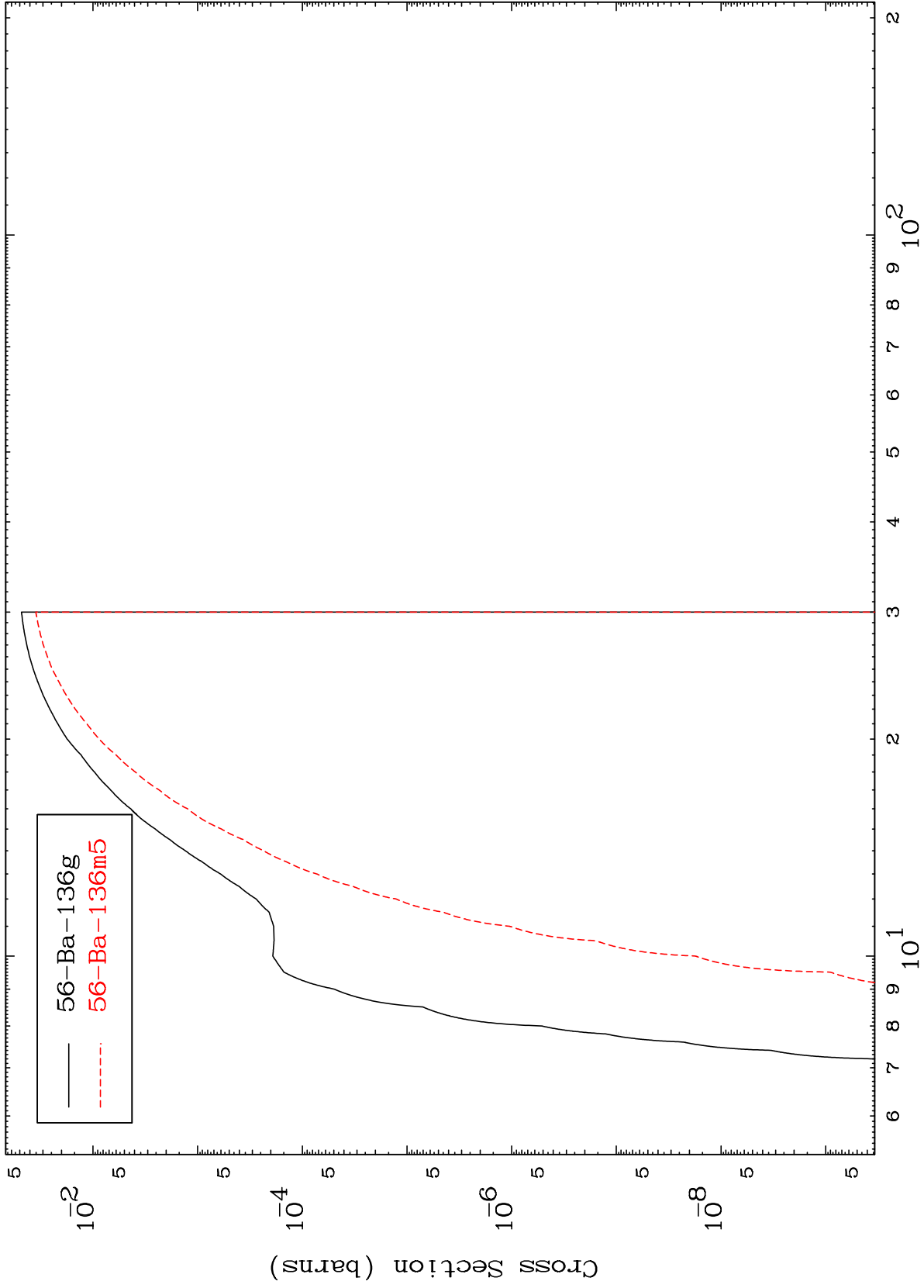
138

57-La-137

MAT 5722

57-La-137

(n,n') p
Radionuclide Production Cross Section



57-La-137

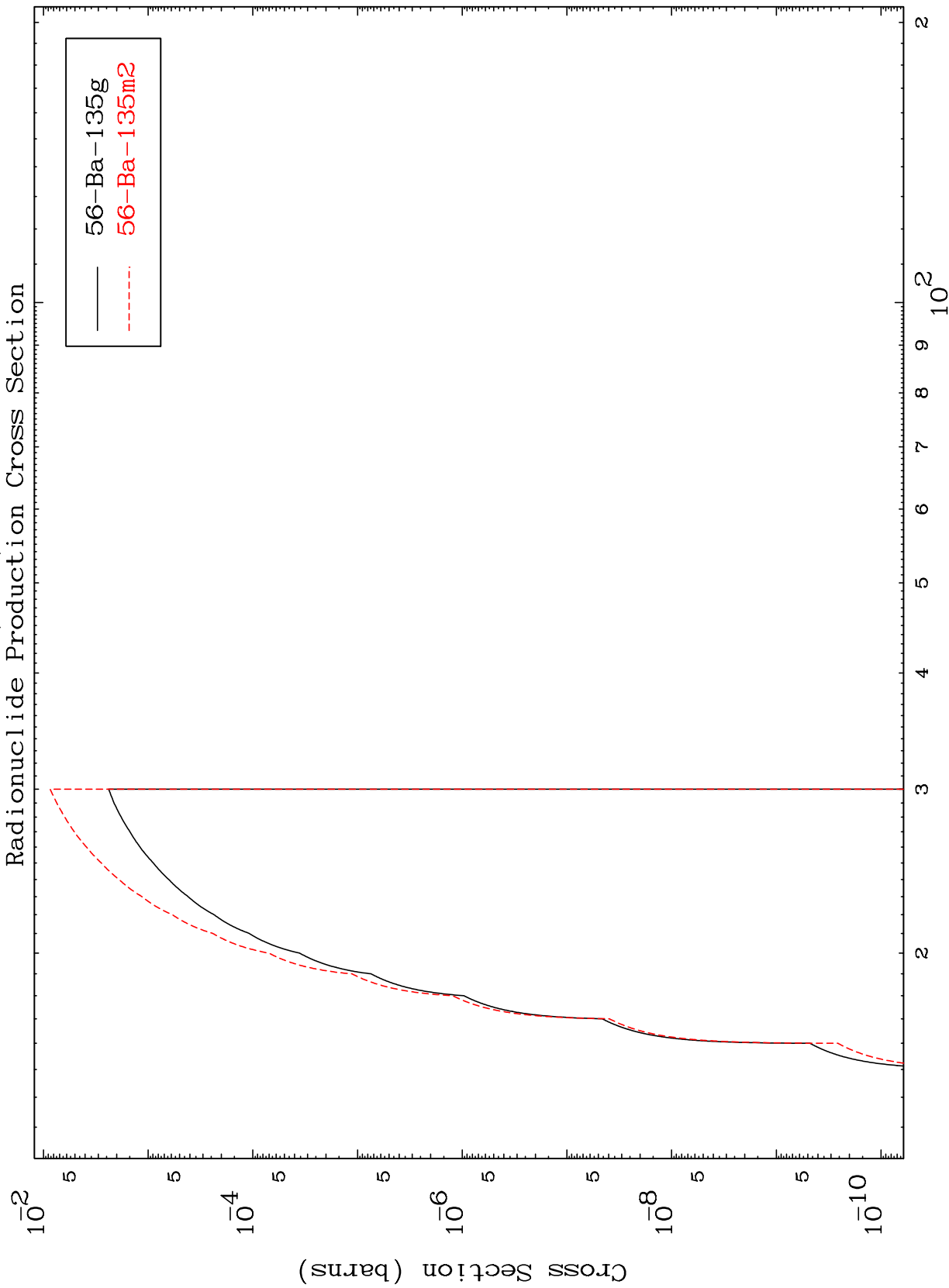
Incident Energy (MeV)

139

MAT 5722

57-La-137

(n, n') d
Radionuclide Production Cross Section



140

Incident Energy (MeV)

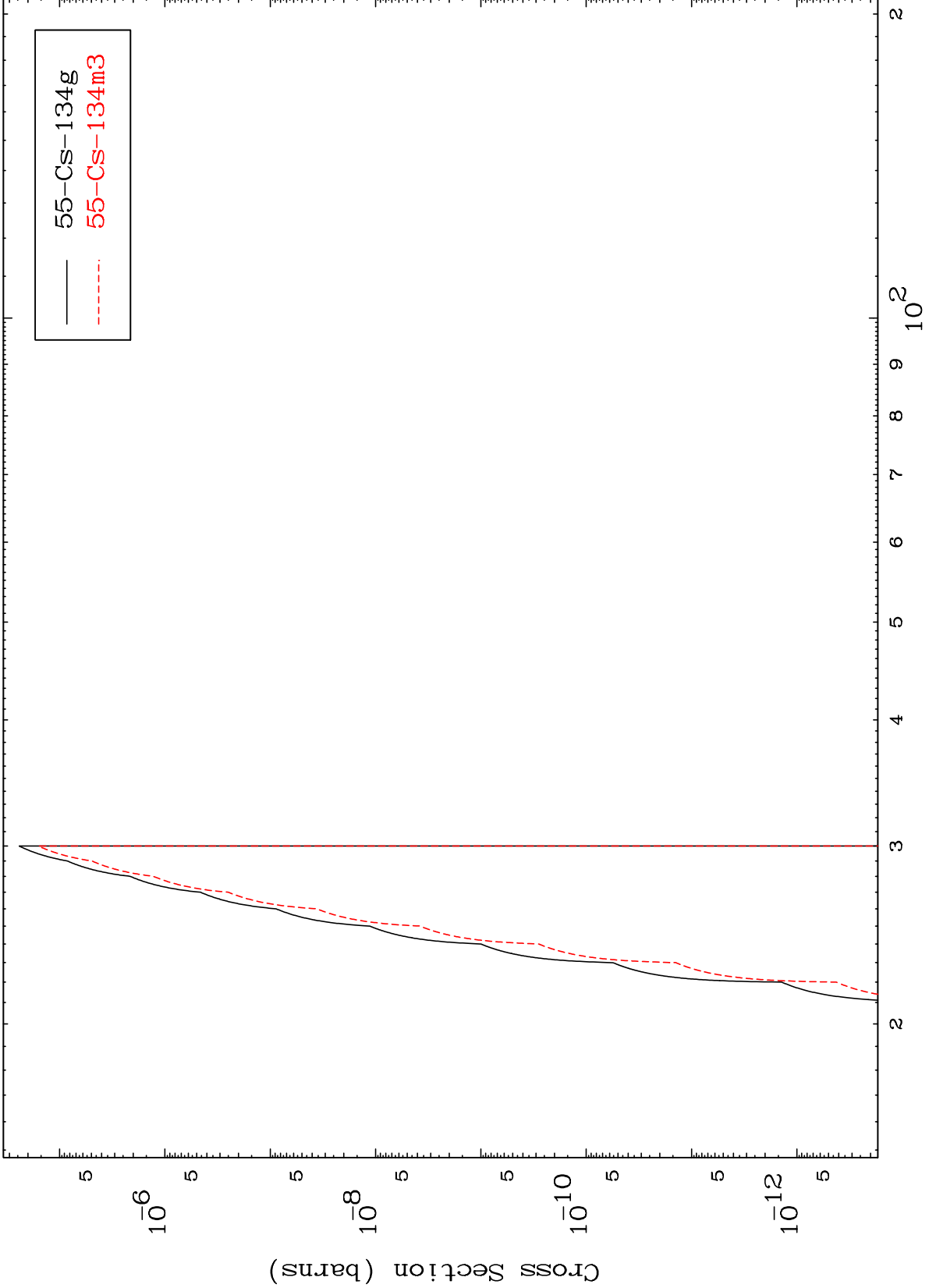
57-La-137

MAT 5722

(n,n') He-3

57-La-137

Radionuclide Production Cross Section



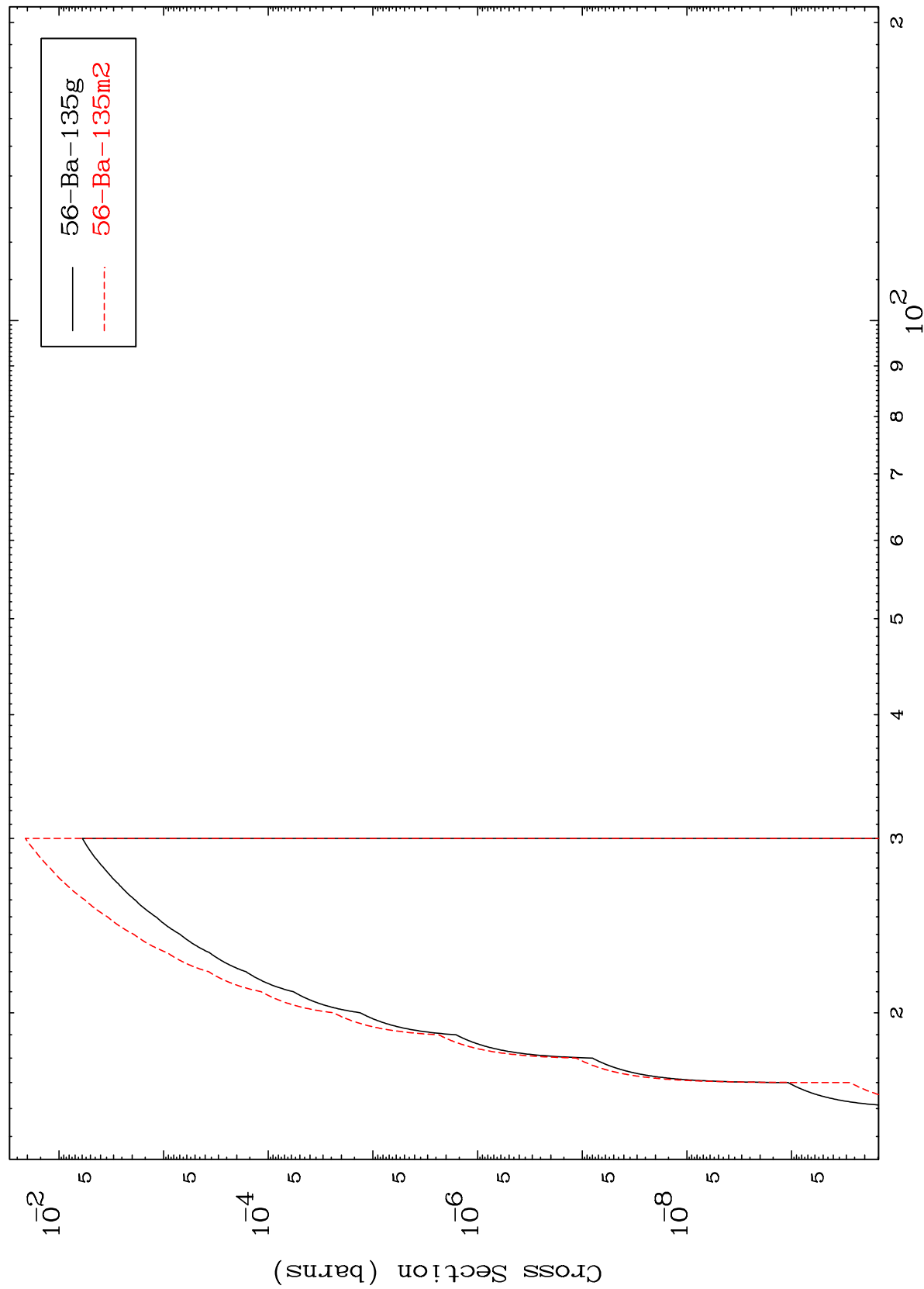
55-Cs-134g
55-Cs-134m3

141

Incident Energy (MeV)

57-La-137

(n,2n) p
Radionuclide Production Cross Section

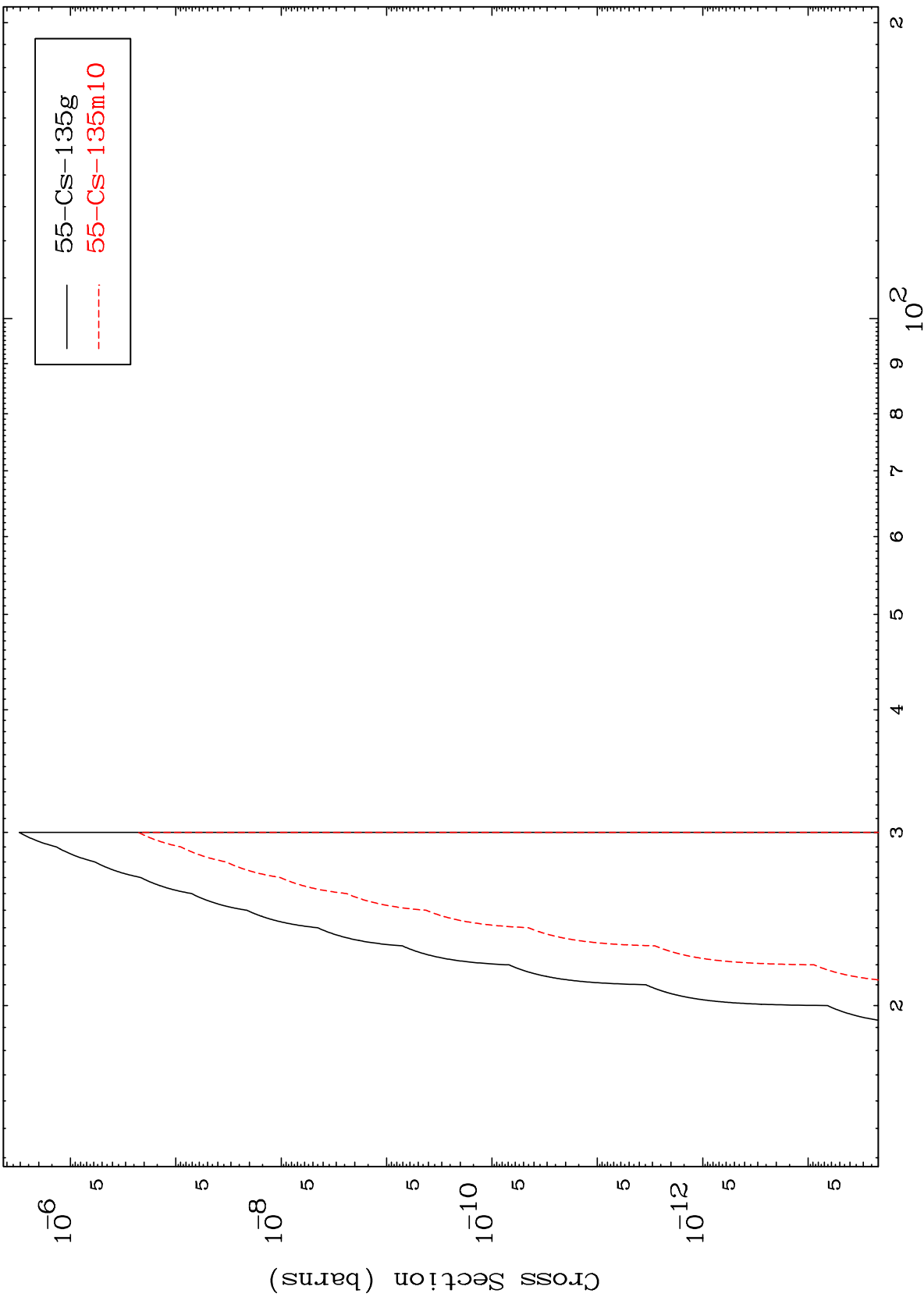


MAT 5722

(n,2n) p

57-La-137

Radionuclide Production Cross Section



55-Cs-135g
55-Cs-135m10

143

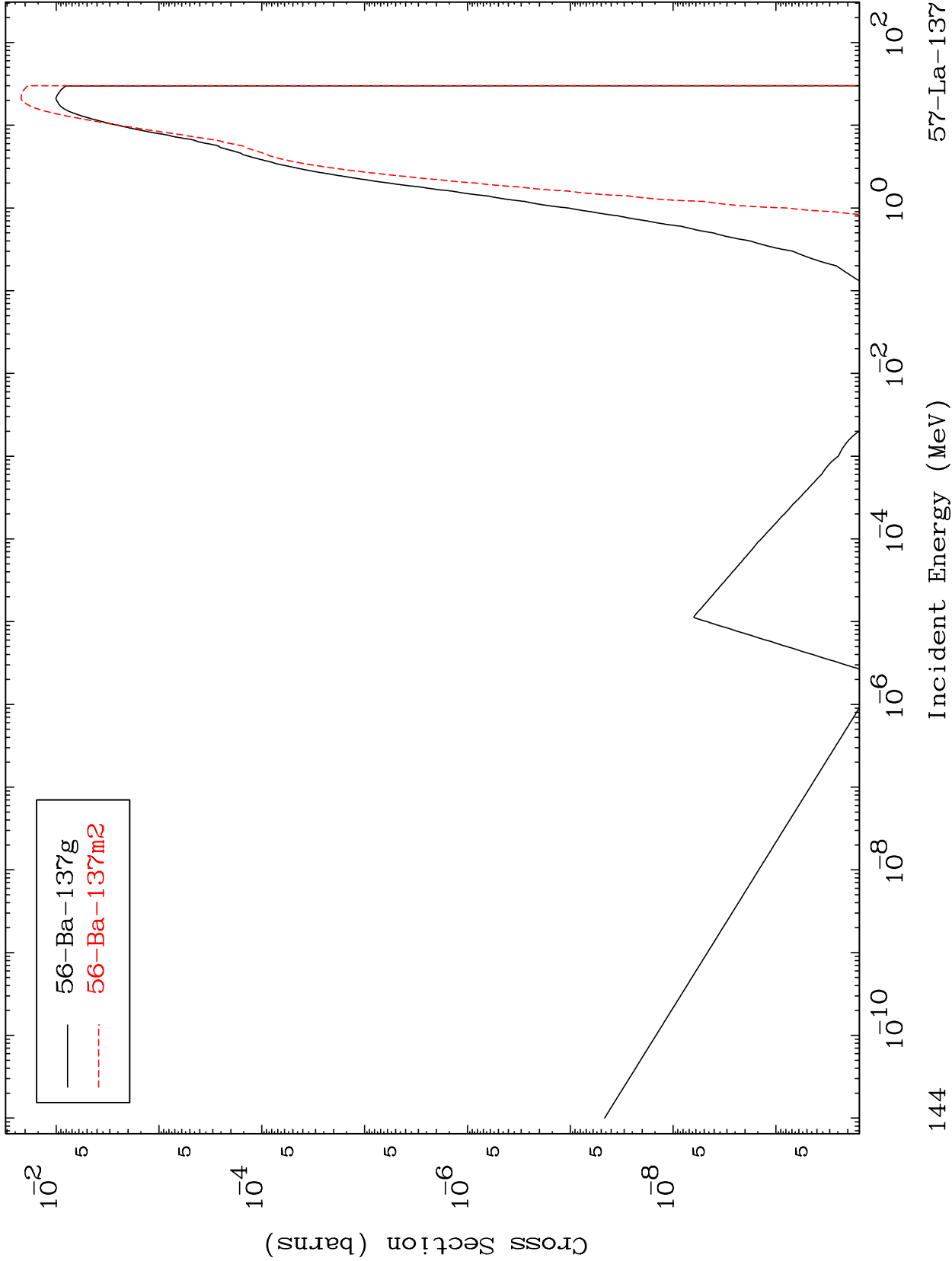
Incident Energy (MeV)

57-La-137

MAT 5722

(n,p)
Radionuclide Production Cross Section

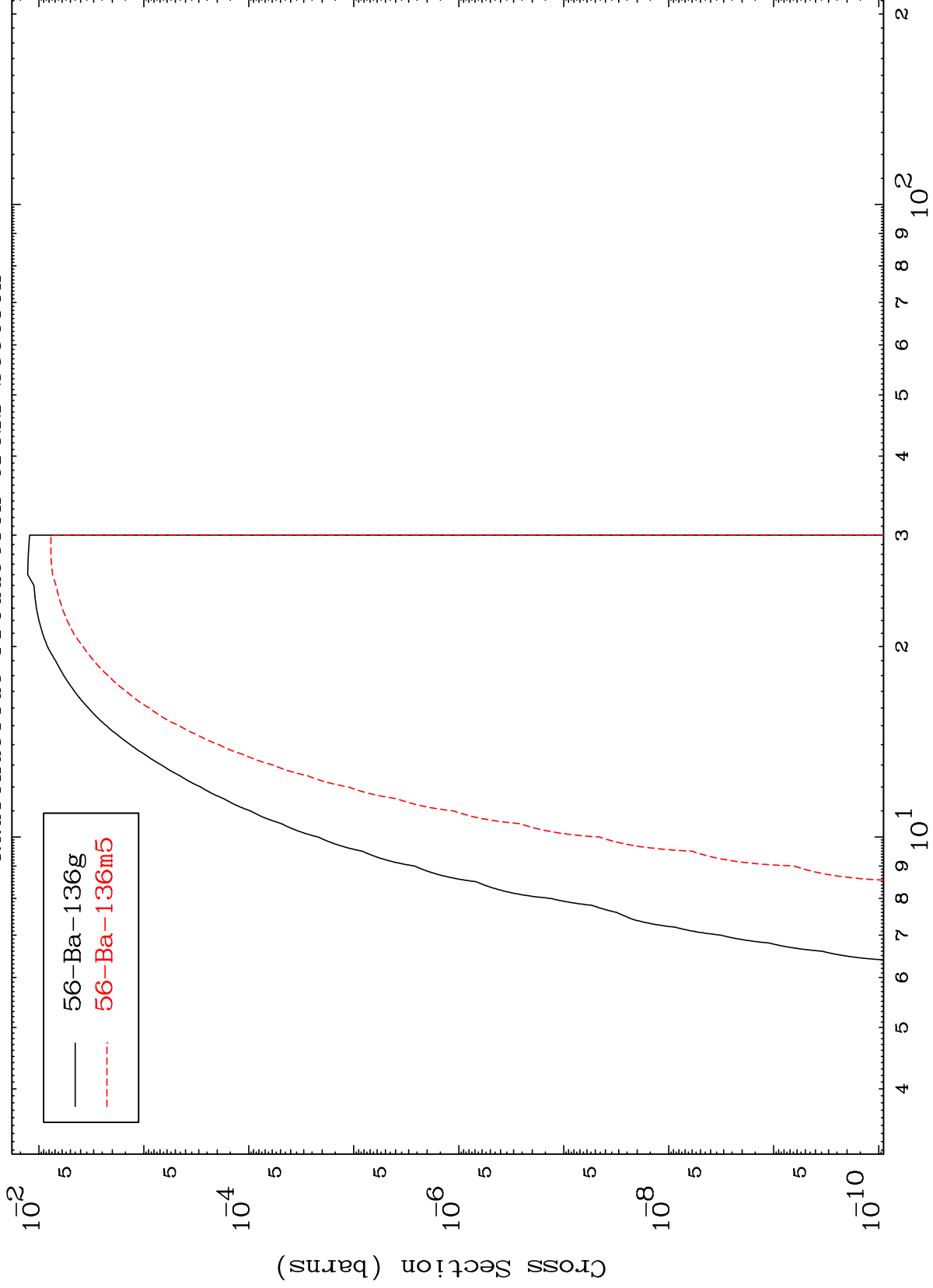
57-La-137



MAT 5722

57-La-137

(n,d)
Radionuclide Production Cross Section



56-Ba-136g
56-Ba-136m5

57-La-137

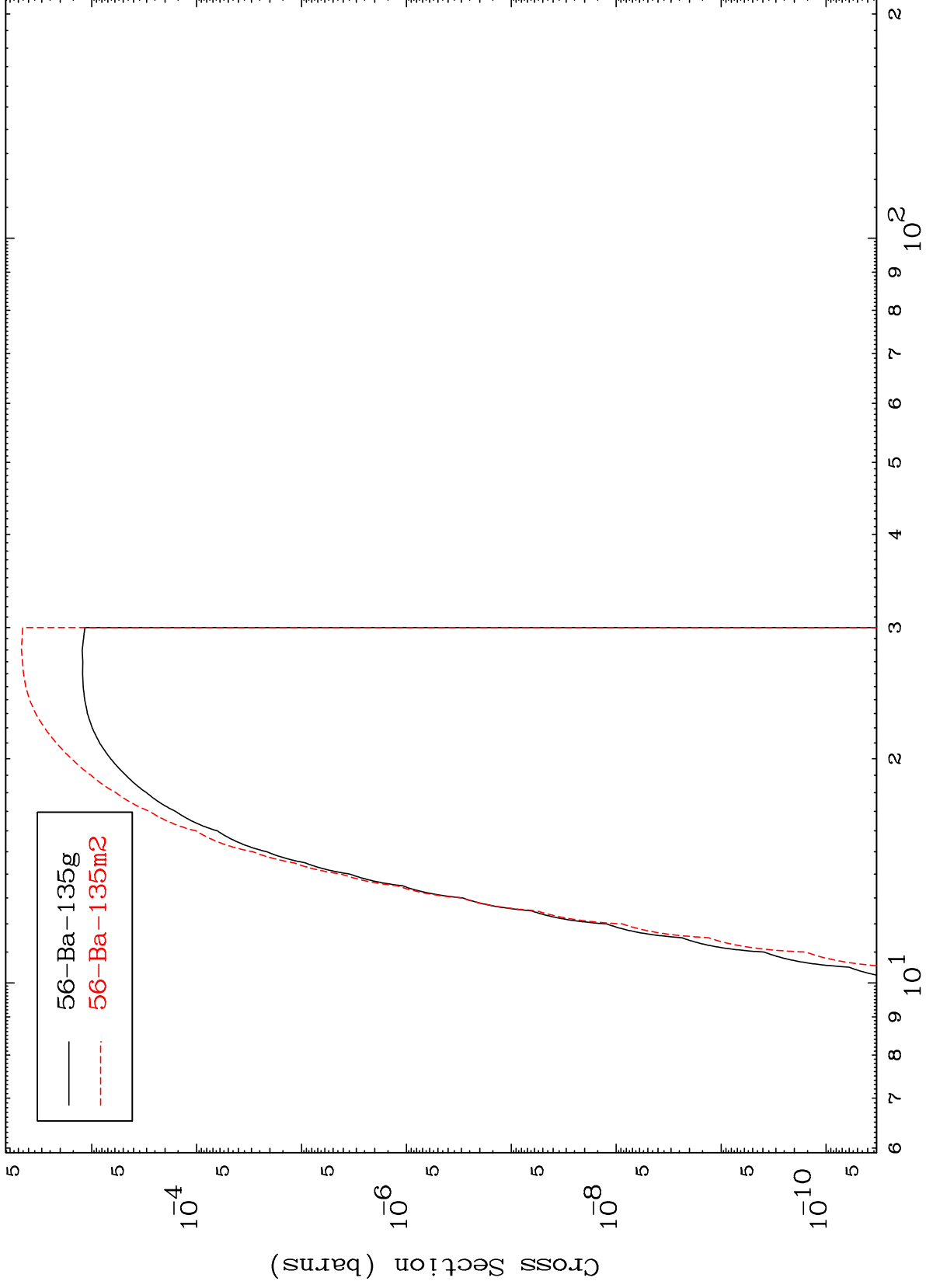
Incident Energy (MeV)

145

MAT 5722

57-La-137

(n,t)
Radionuclide Production Cross Section

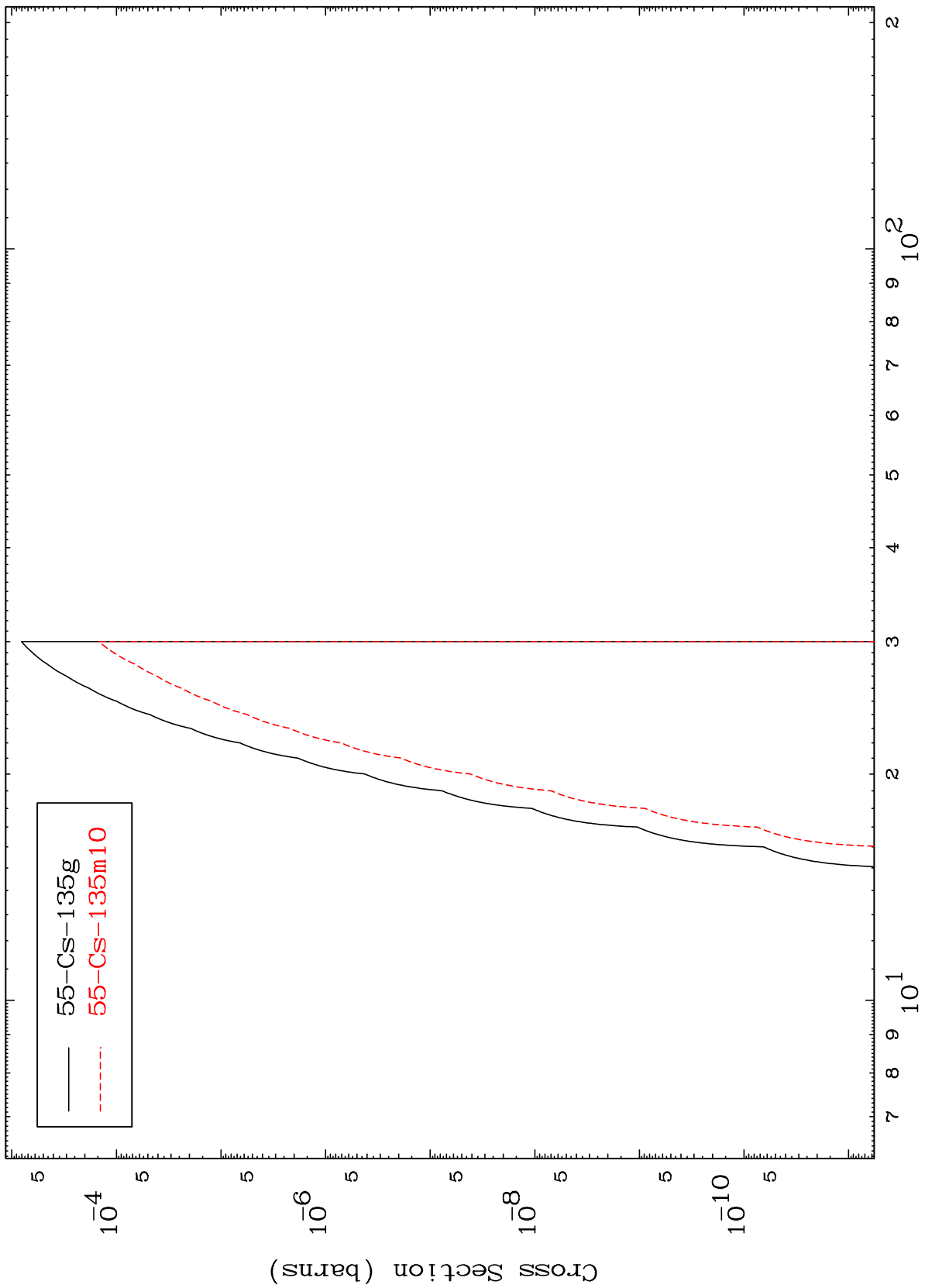


57-La-137

Incident Energy (MeV)

146

Radionuclide Production Cross Section (n,He-3)

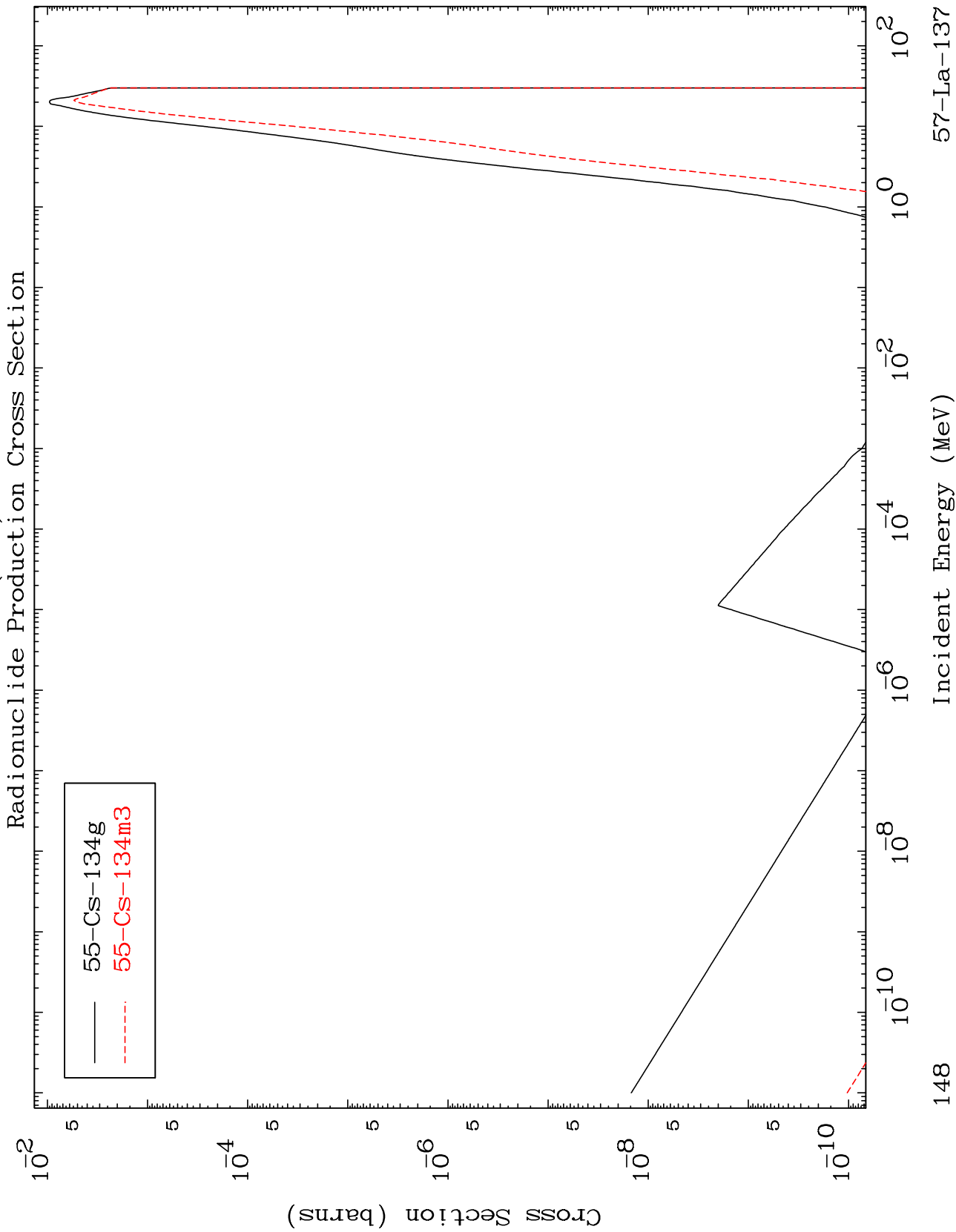


Incident Energy (MeV)

MAT 5722

57-La-137

Radionuclide Production Cross Section

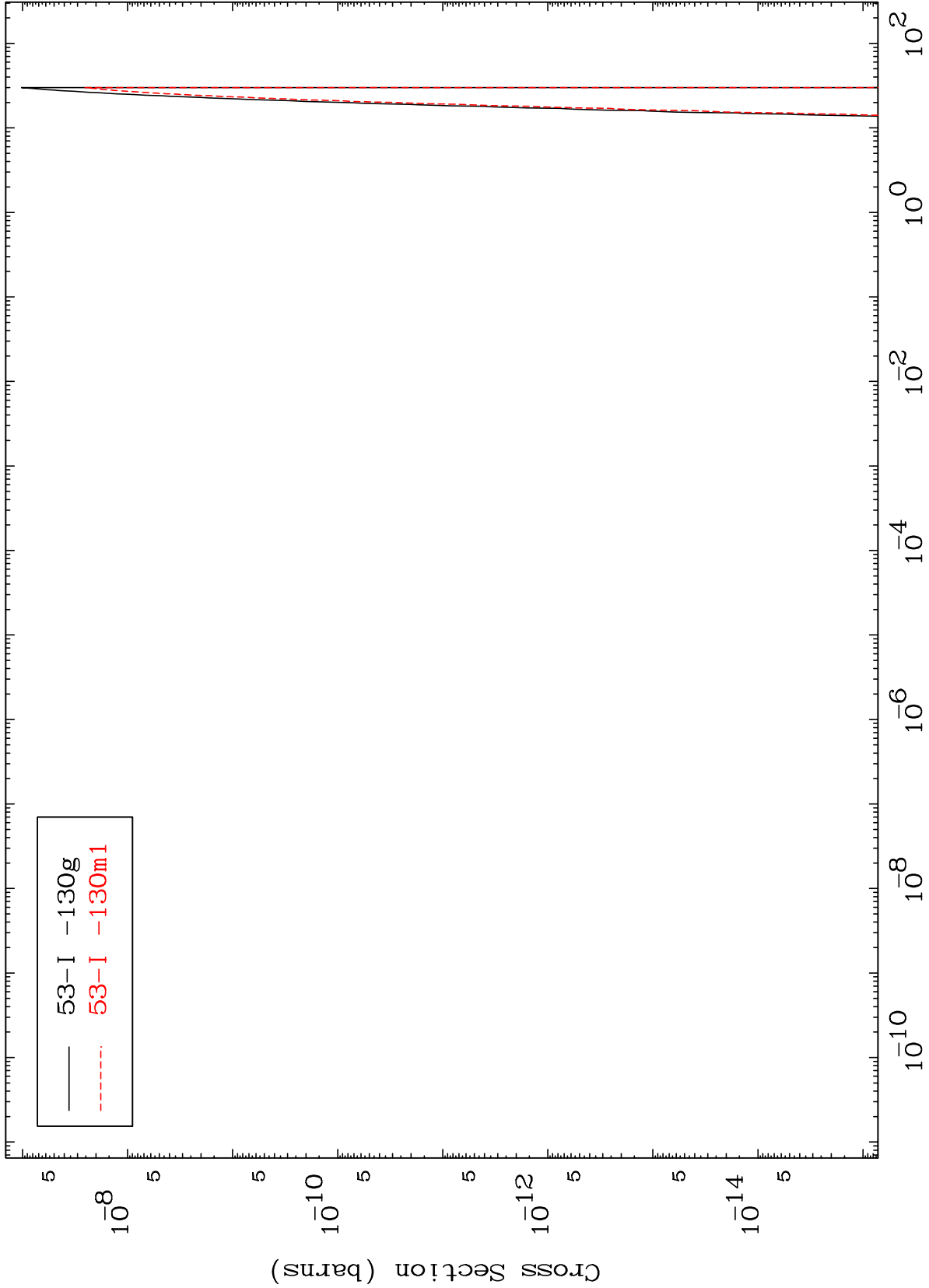


MAT 5722

(n,2α)

57-La-137

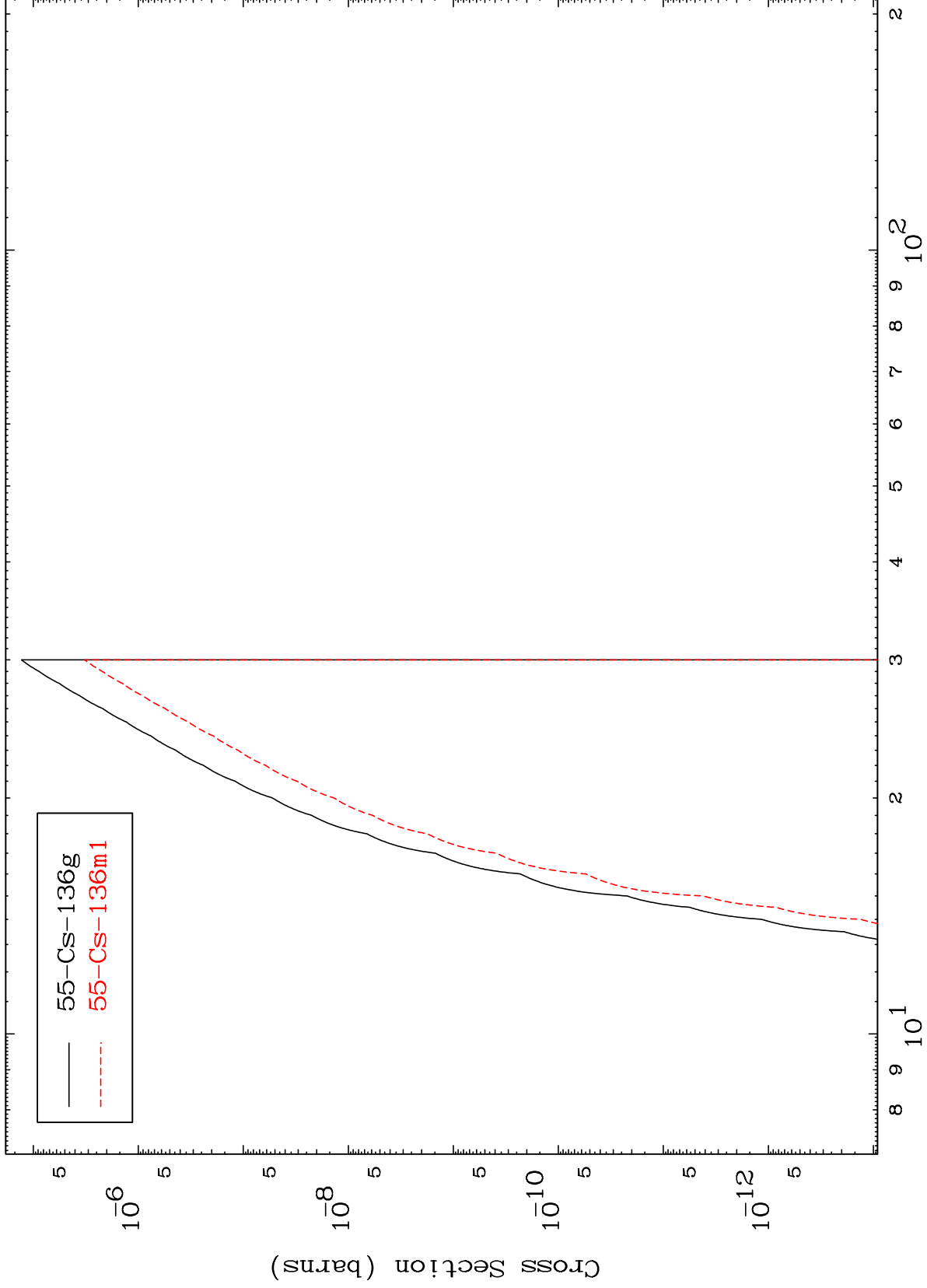
Radionuclide Production Cross Section



MAT 5722

57-La-137

(n,2p)
Radionuclide Production Cross Section



57-La-137

Incident Energy (MeV)

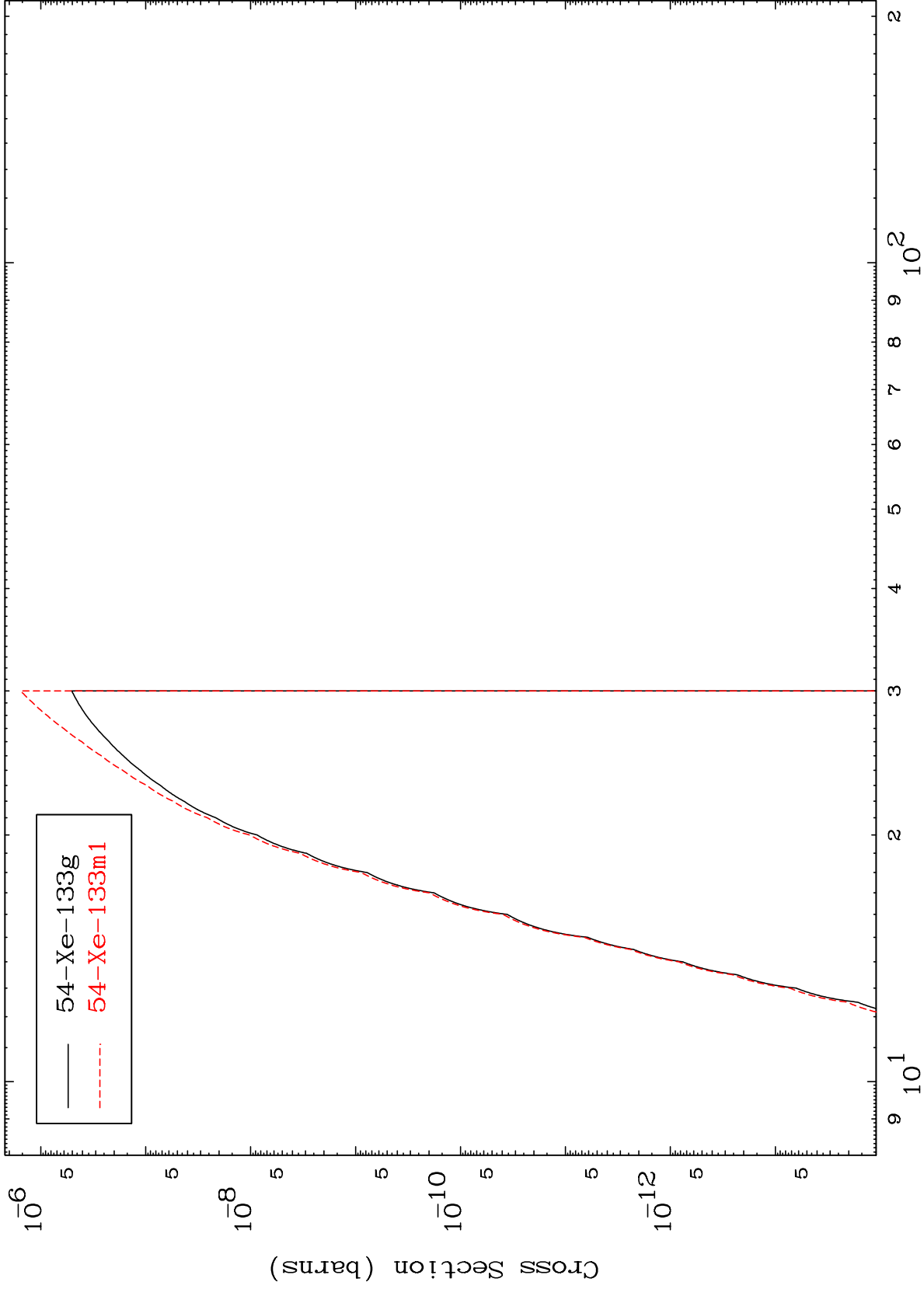
150

MAT 5722

(n,p) α

57-La-137

Radionuclide Production Cross Section

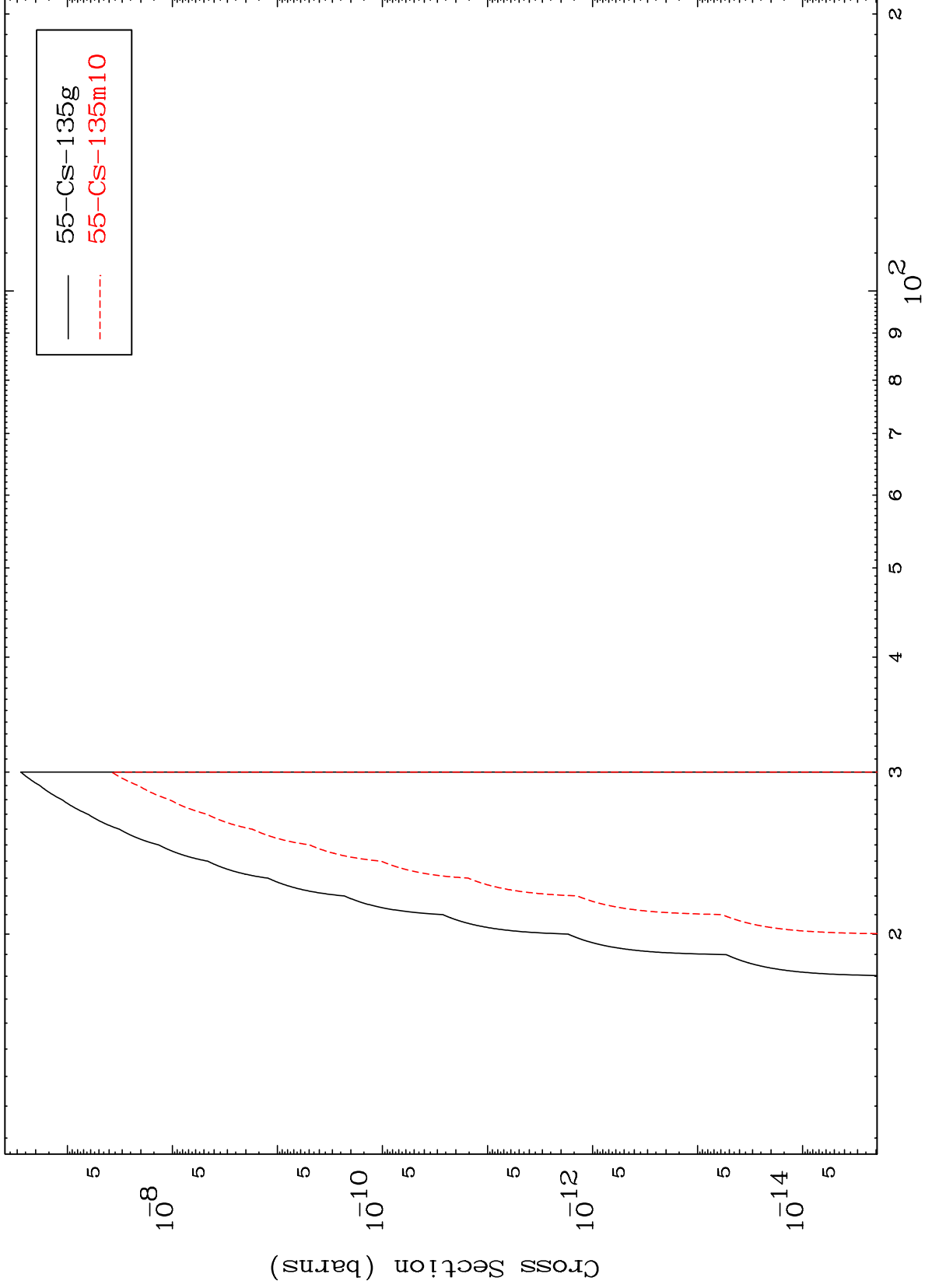


151

Incident Energy (MeV)

57-La-137

Radionuclide Production Cross Section



Radionuclide Production Cross Section

