

Program EVALPLOT
(Version 2018-1)

by

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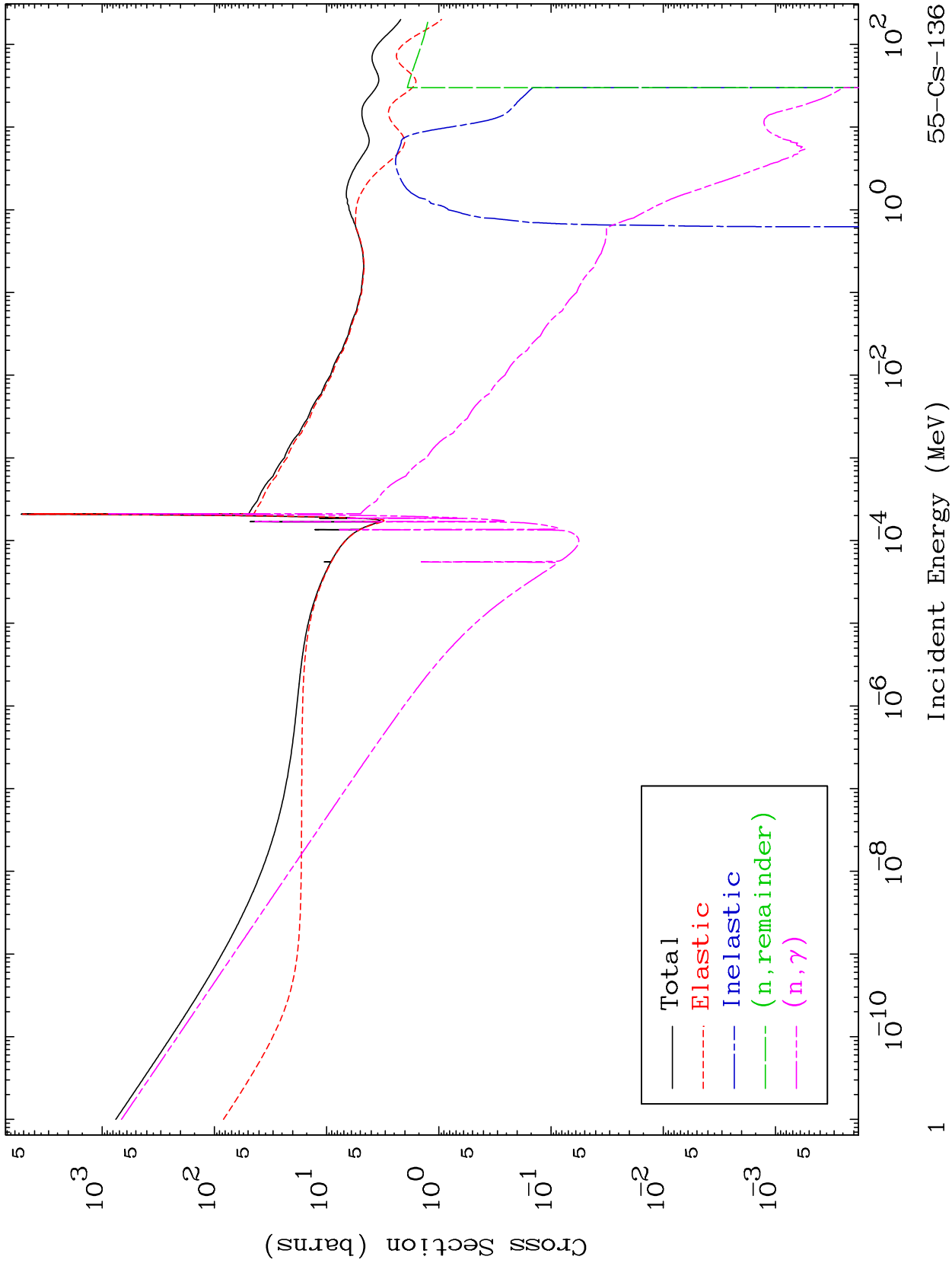
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5534

Major
293 Kelvin Cross Sections

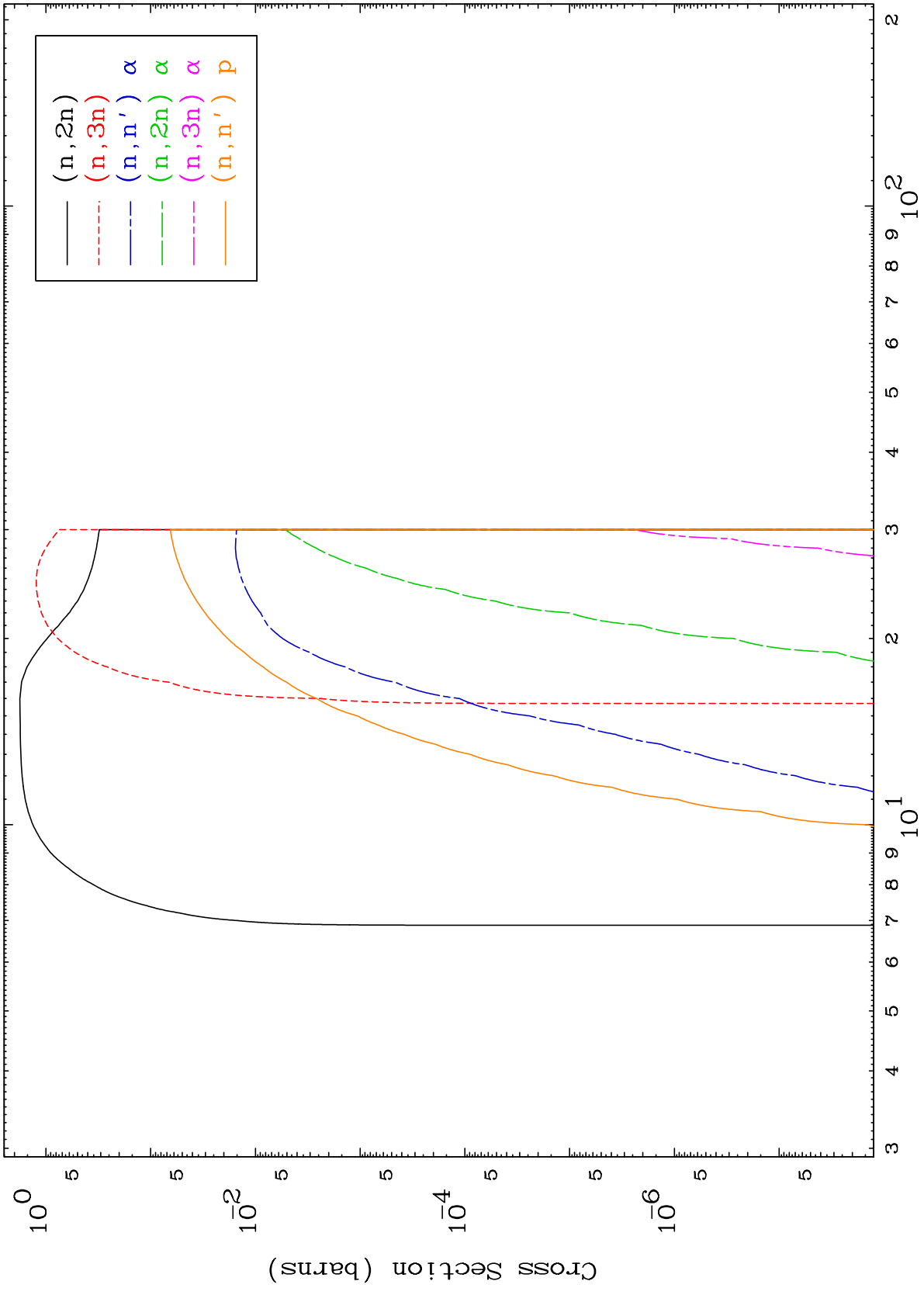
55-Cs-136



MAT 5534

Neutron Production
293 Kelvin Cross Sections

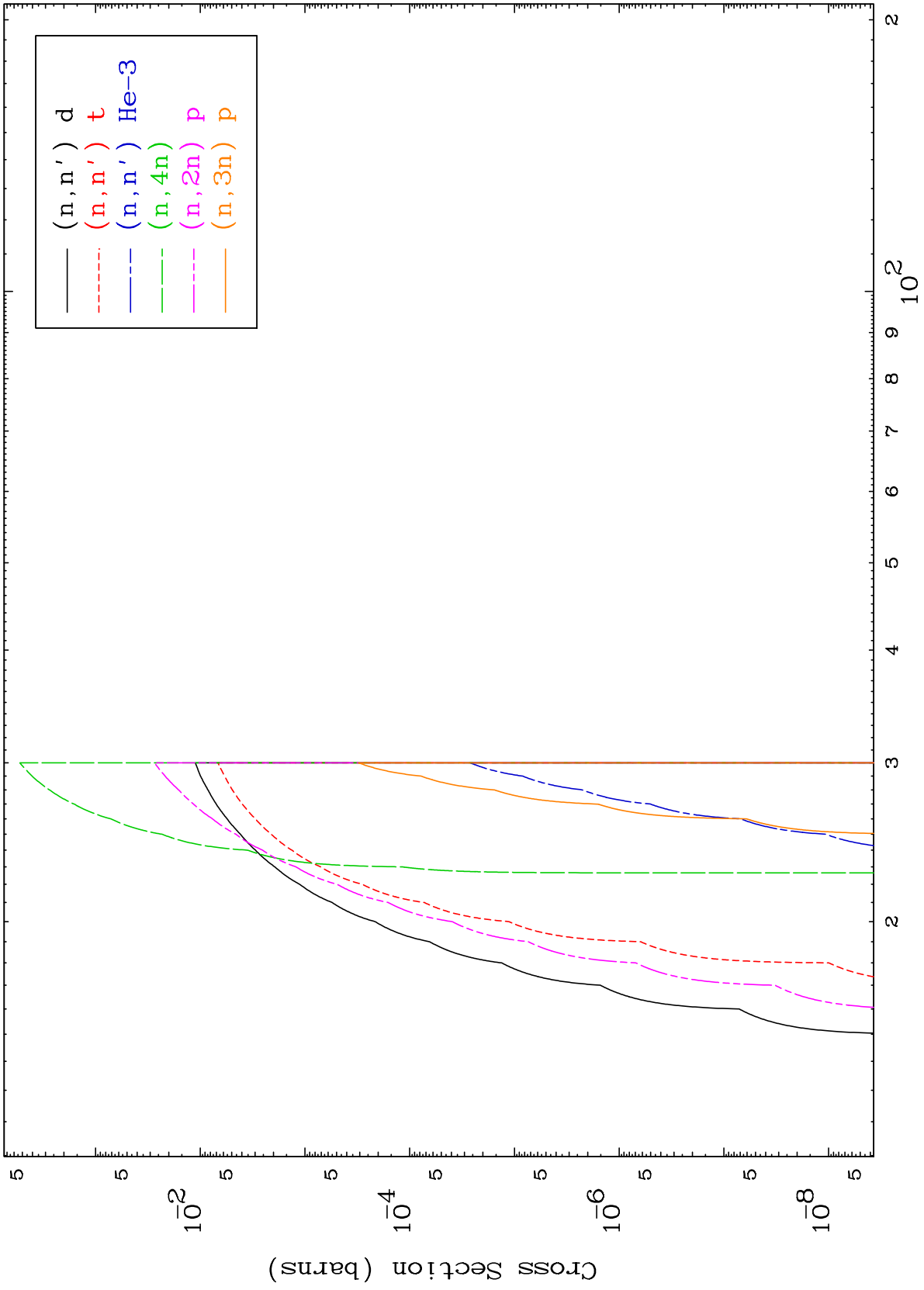
55-Cs-136



55-Cs-136

Incident Energy (MeV)

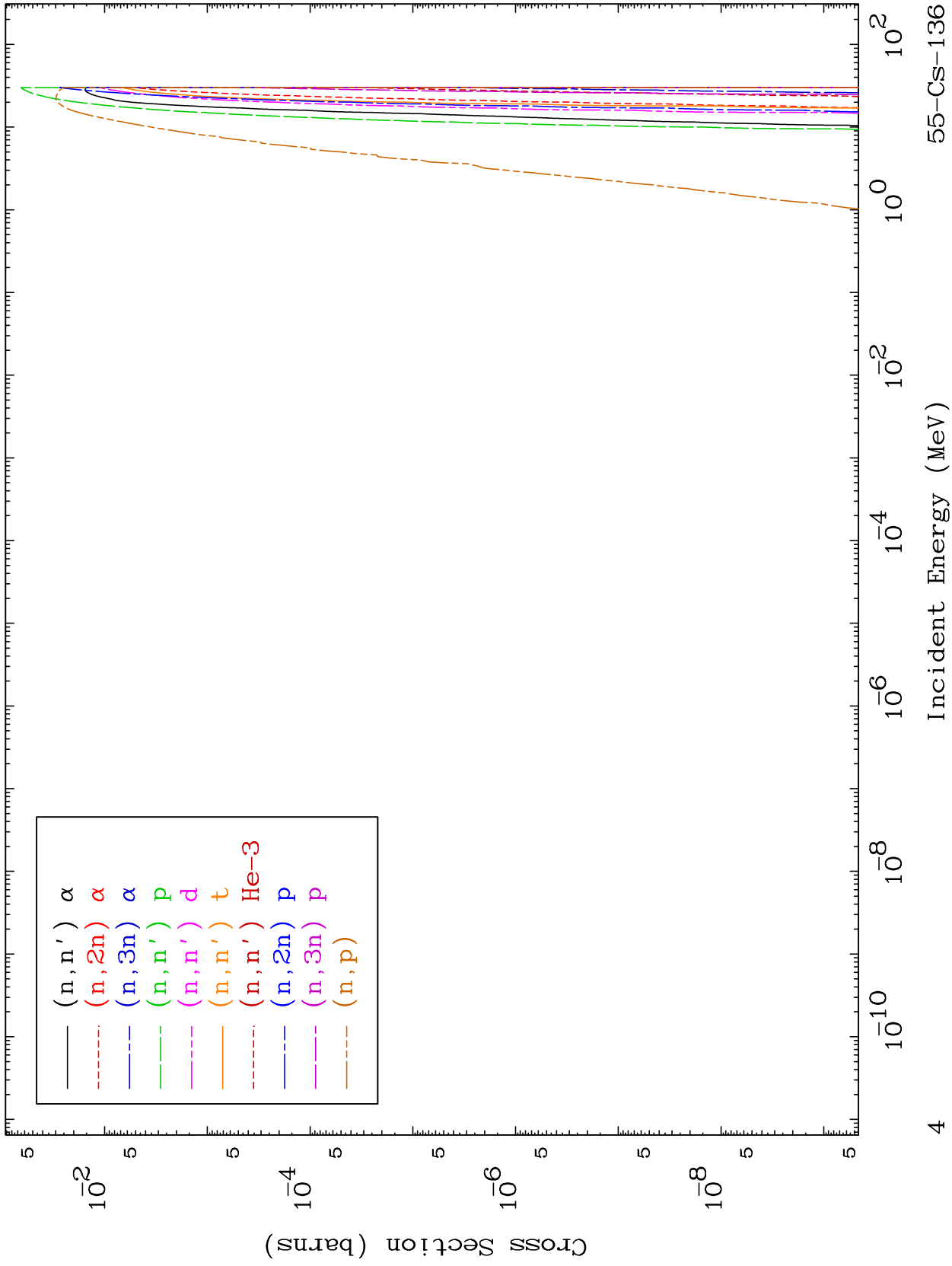
2



MAT 5534

Charged Particle
293 Kelvin Cross Sections

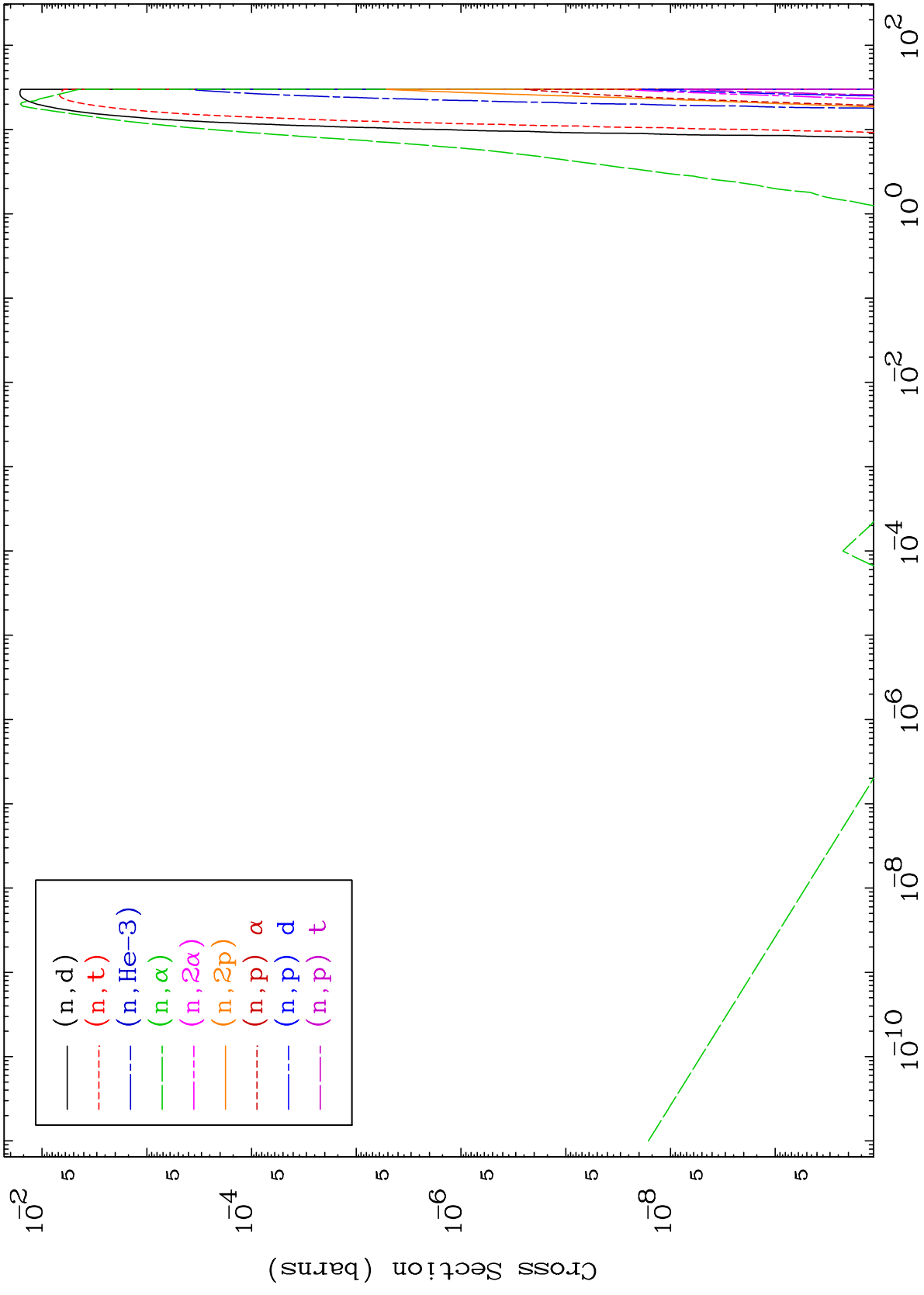
55-Cs-136



MAT 5534

Charged Particle
293 Kelvin Cross Sections

55-Cs-136



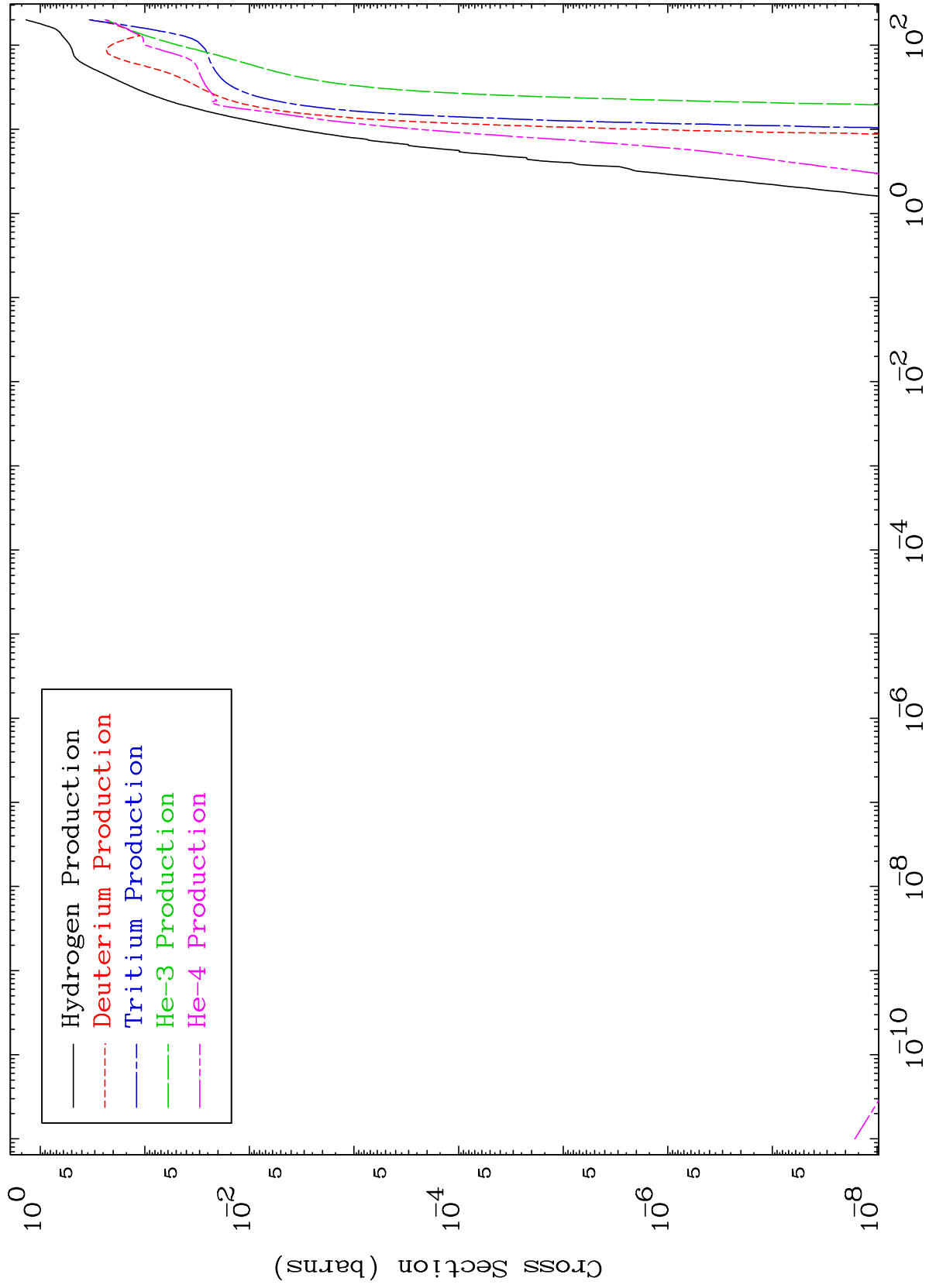
5

55-Cs-136

MAT 5534

Particle Production
293 Kelvin Cross Sections

55-Cs-136



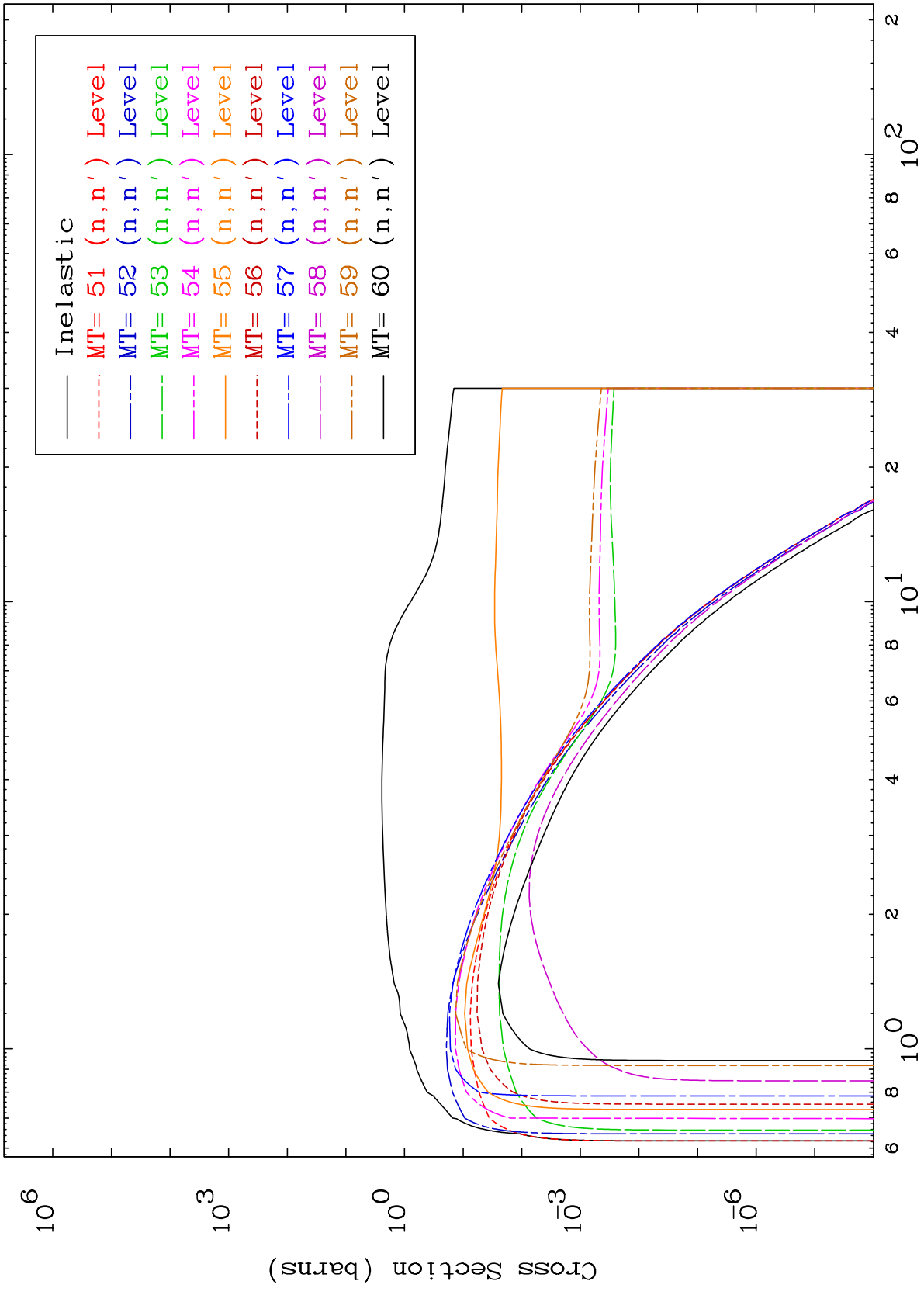
6

55-Cs-136

MAT 5534

(n,n') Level
293 Kelvin Cross Sections

55-Cs-136



7

Incident Energy (MeV)

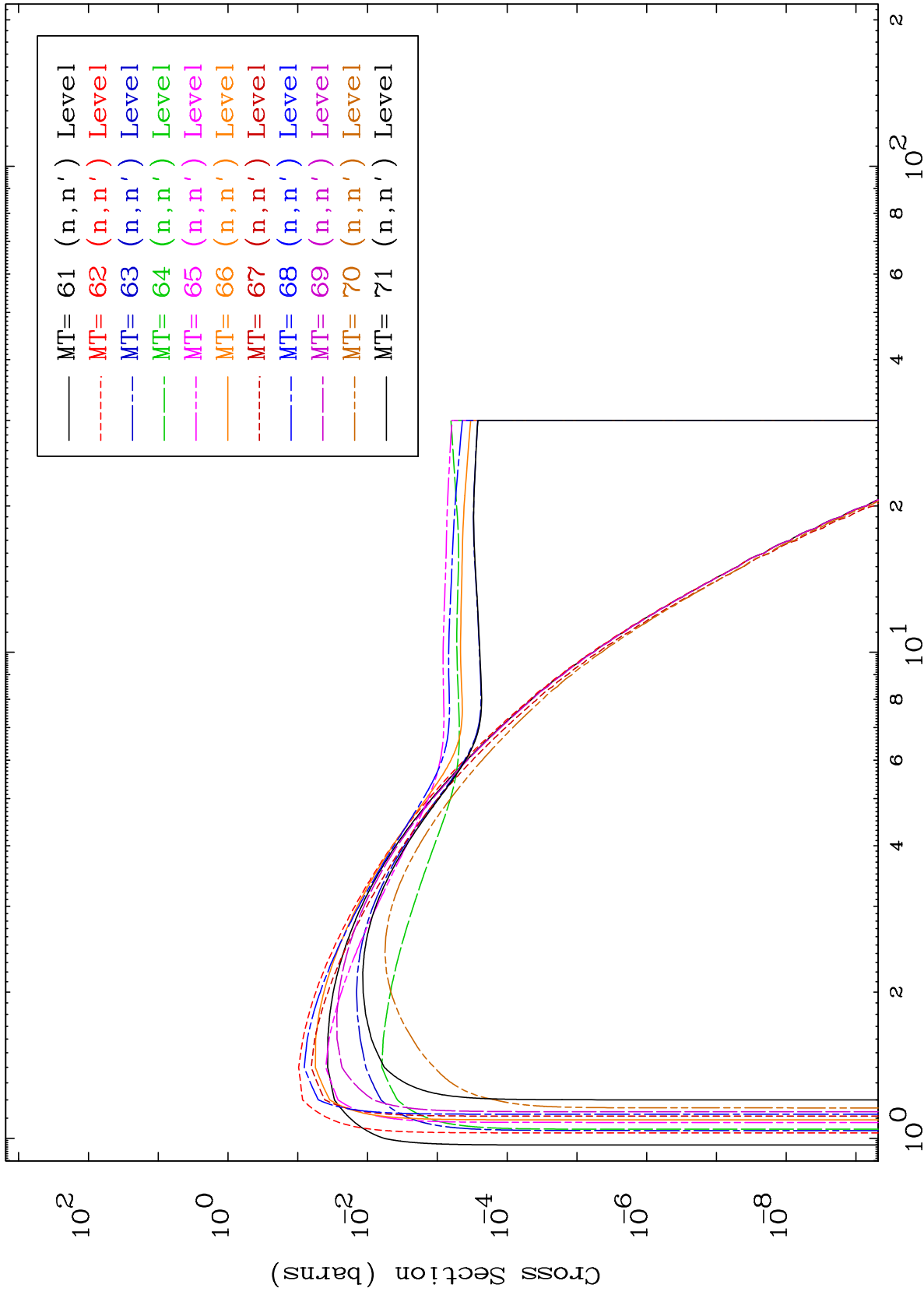
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MAT 5534

(n,n') Level

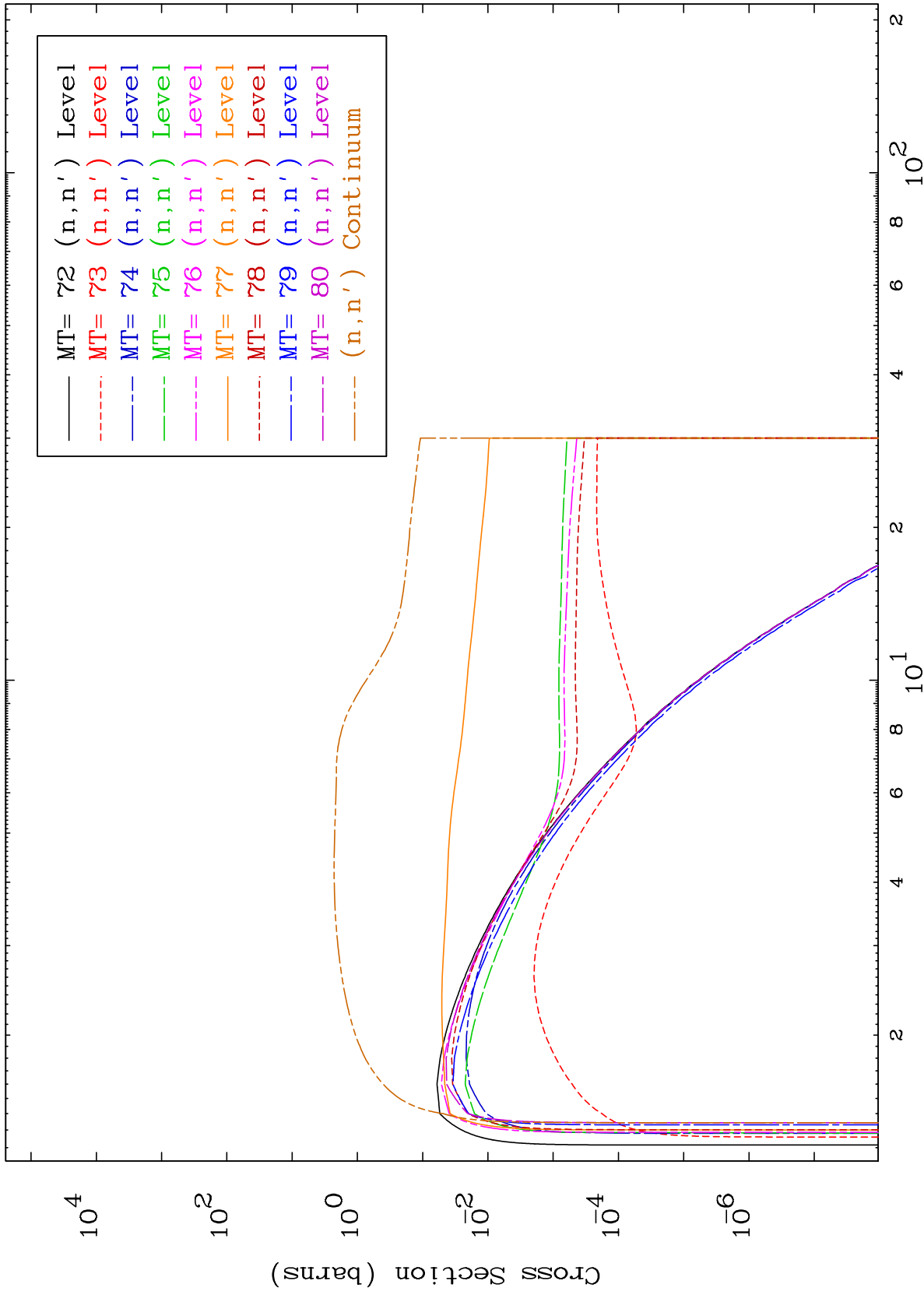
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293 Kelvin Cross Sections



Incident Energy (MeV)

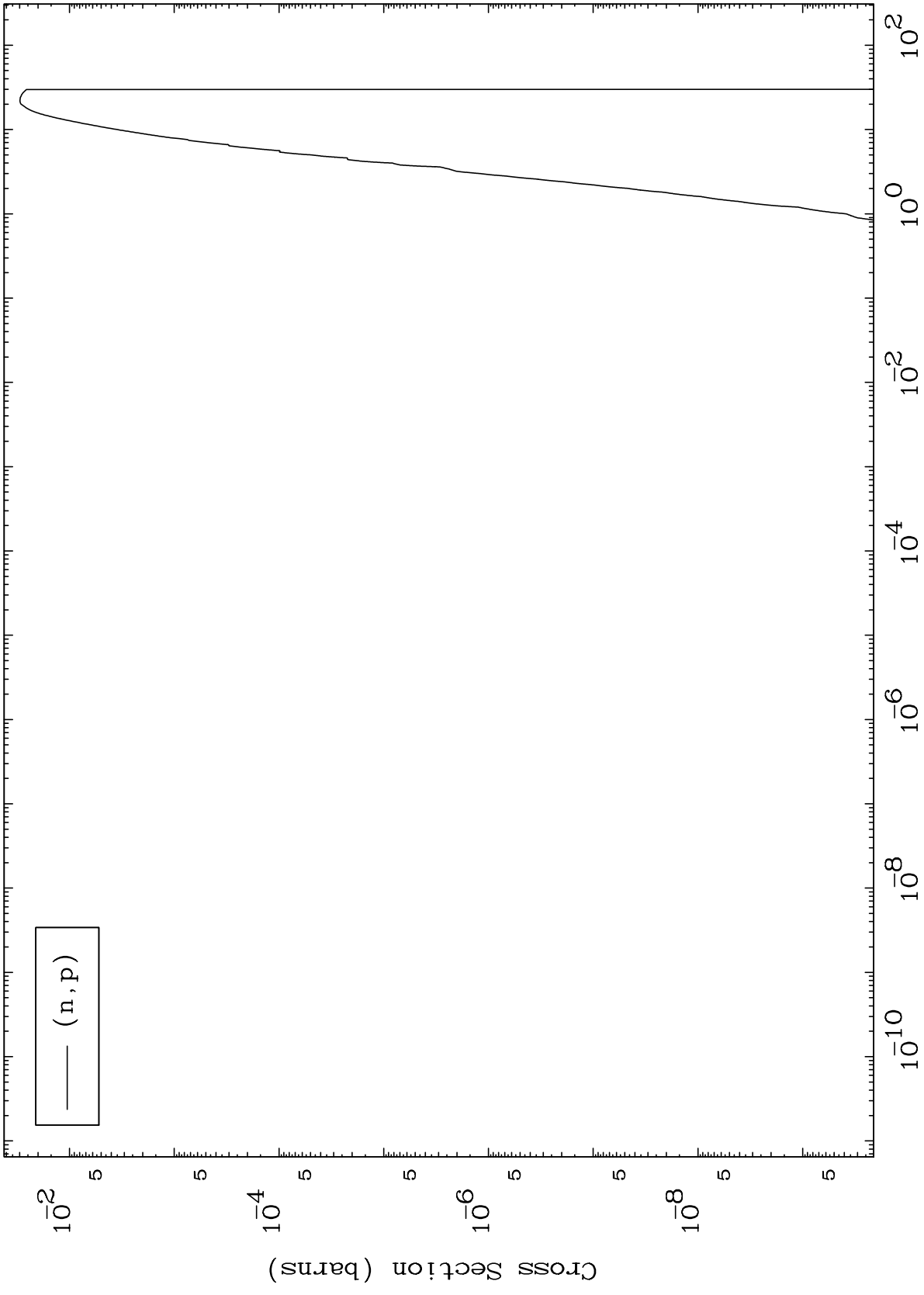
55-Cs-136



MAT 5534

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-136



10

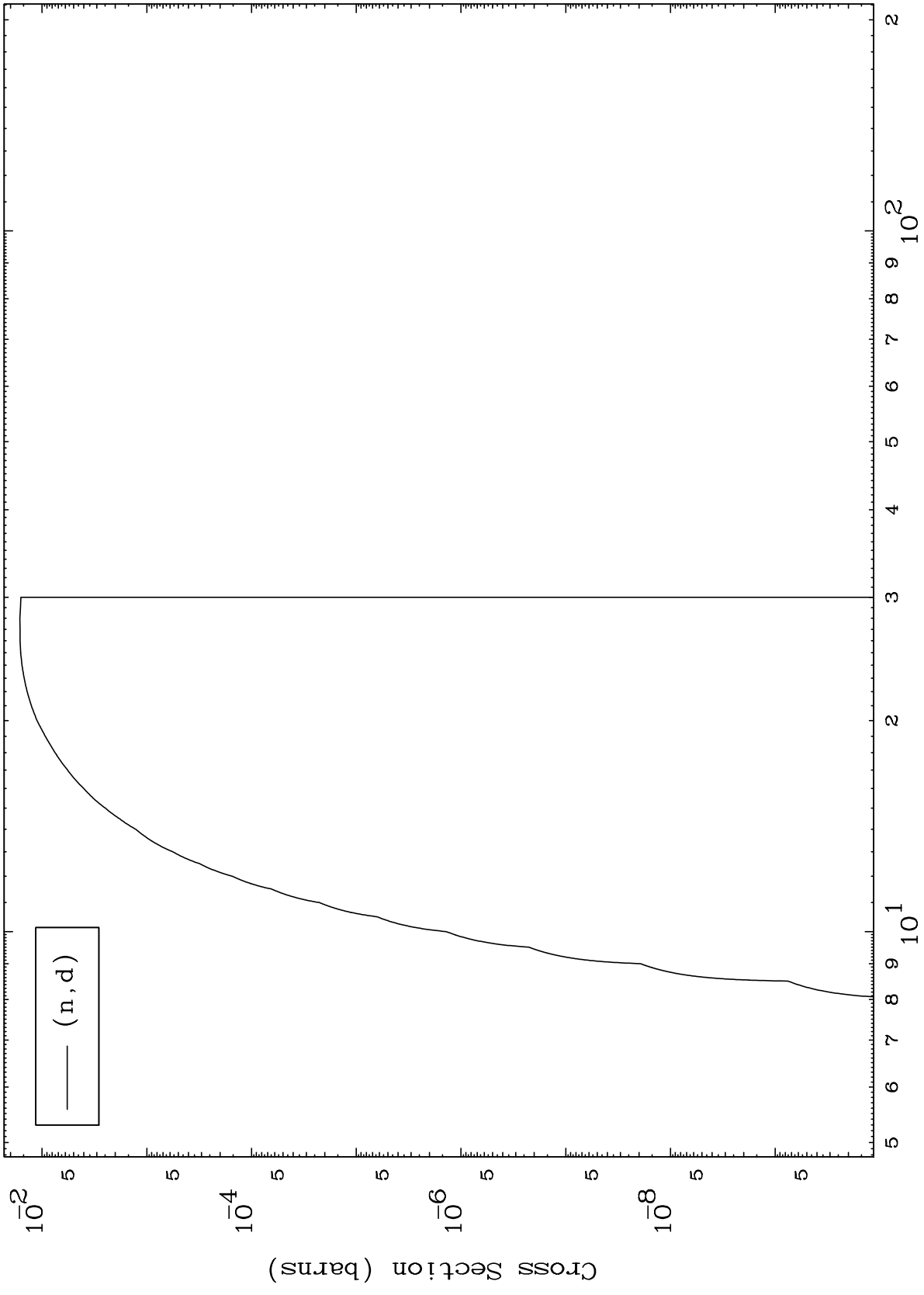
Incident Energy (MeV)

55-Cs-136

MAT 5534

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-136



11

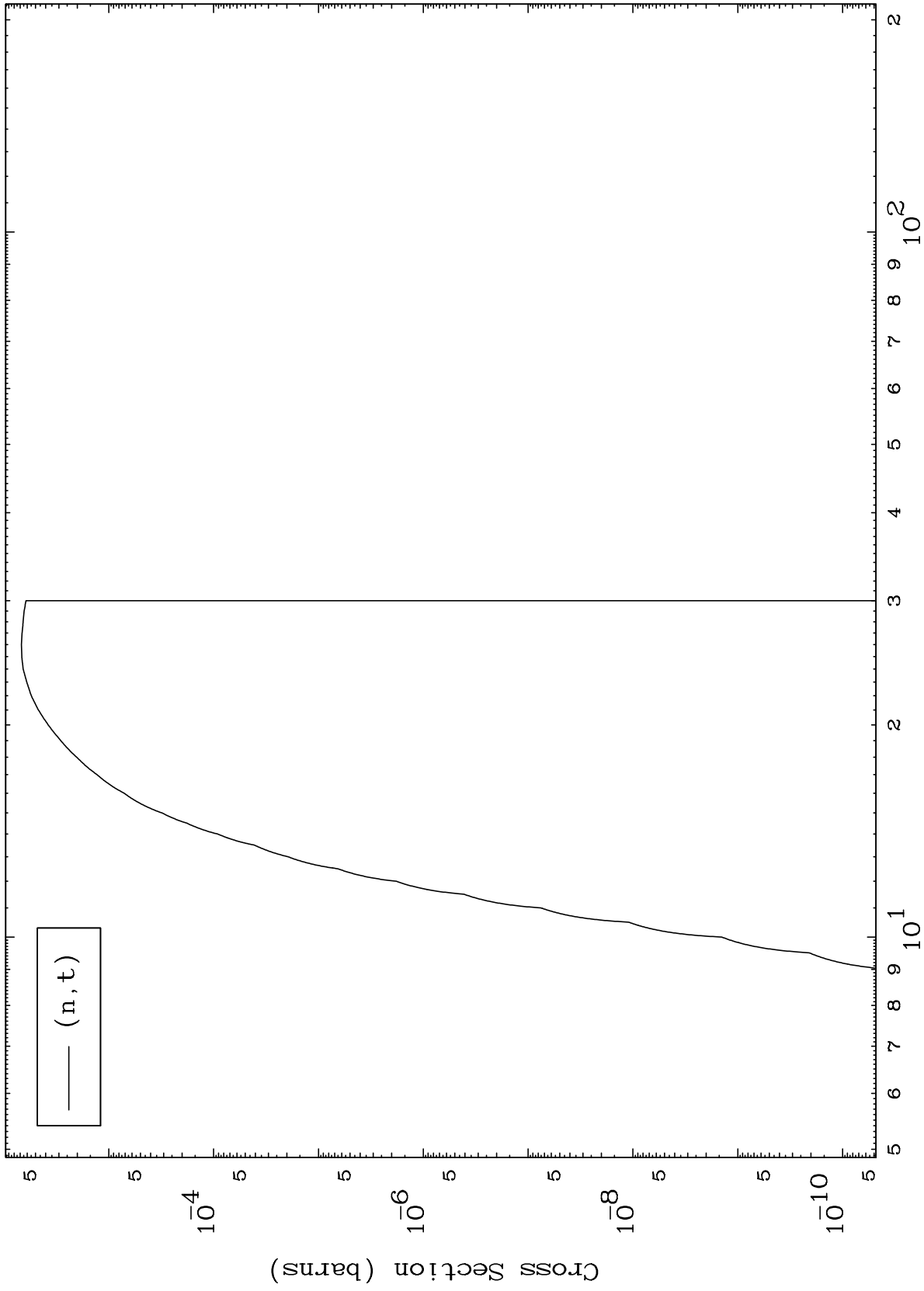
Incident Energy (MeV)

55-Cs-136

MAT 5534

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-136



12

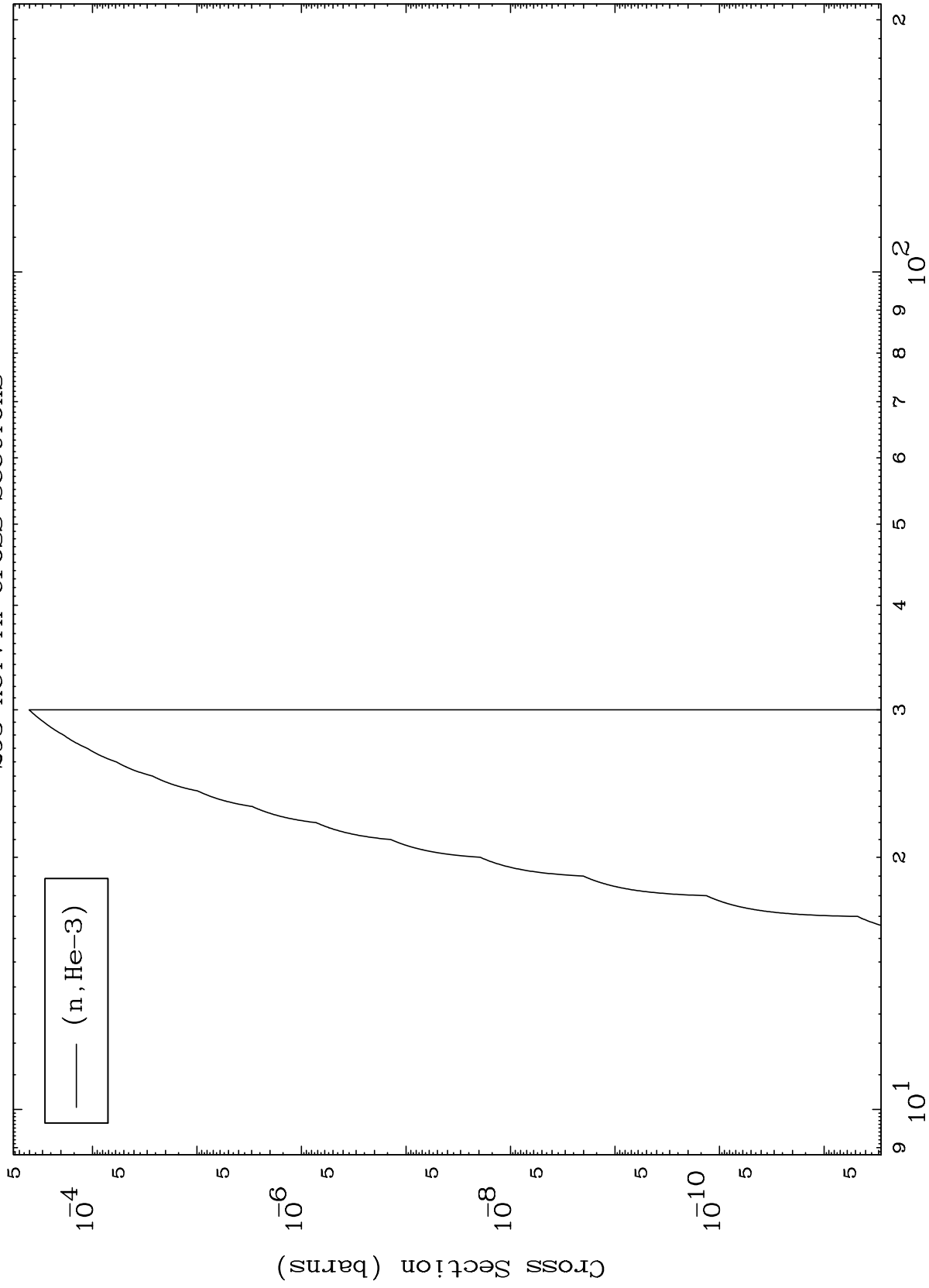
Incident Energy (MeV)

55-Cs-136

MAT 5534

(n,He3) Levels
293 Kelvin Cross Sections

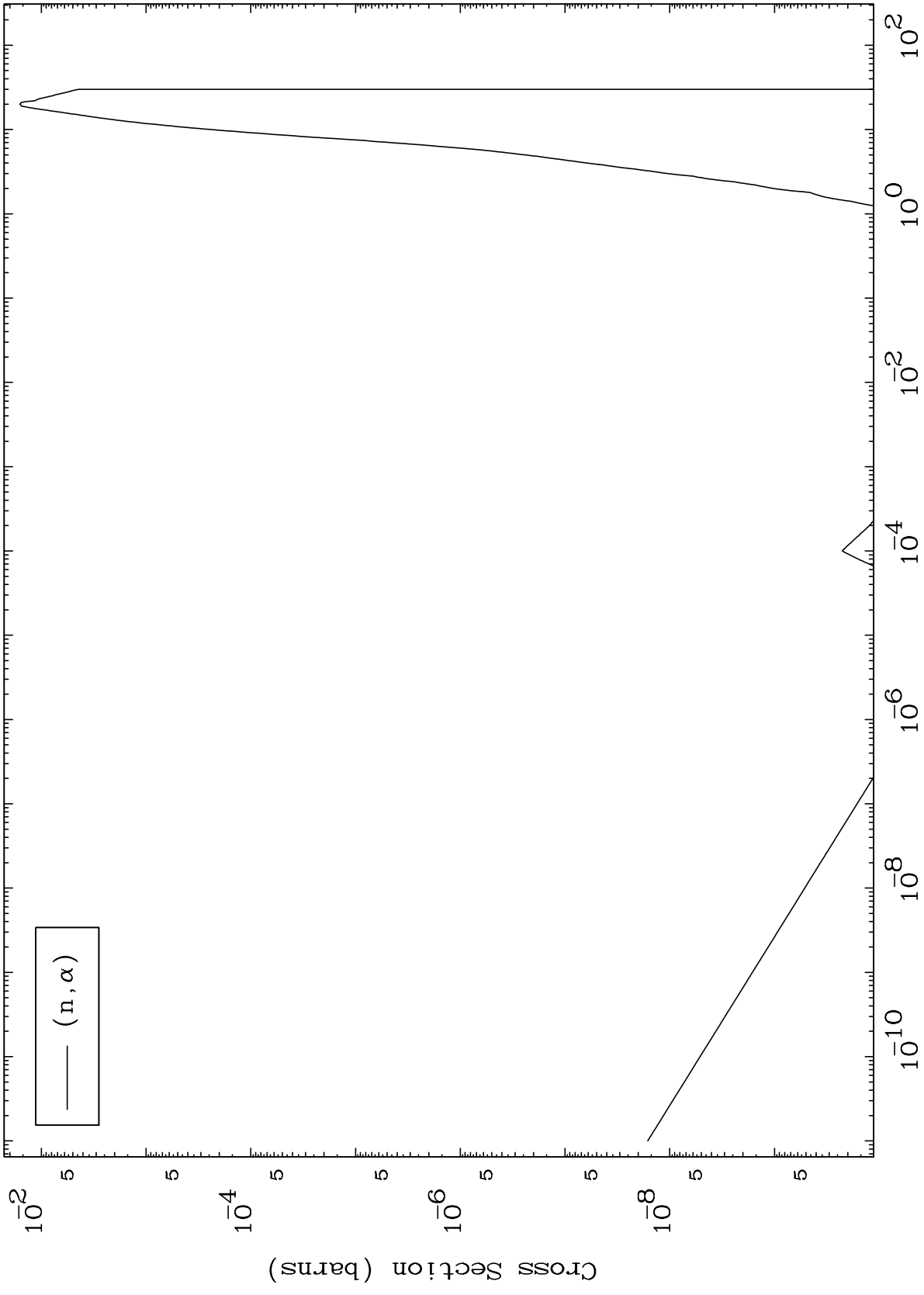
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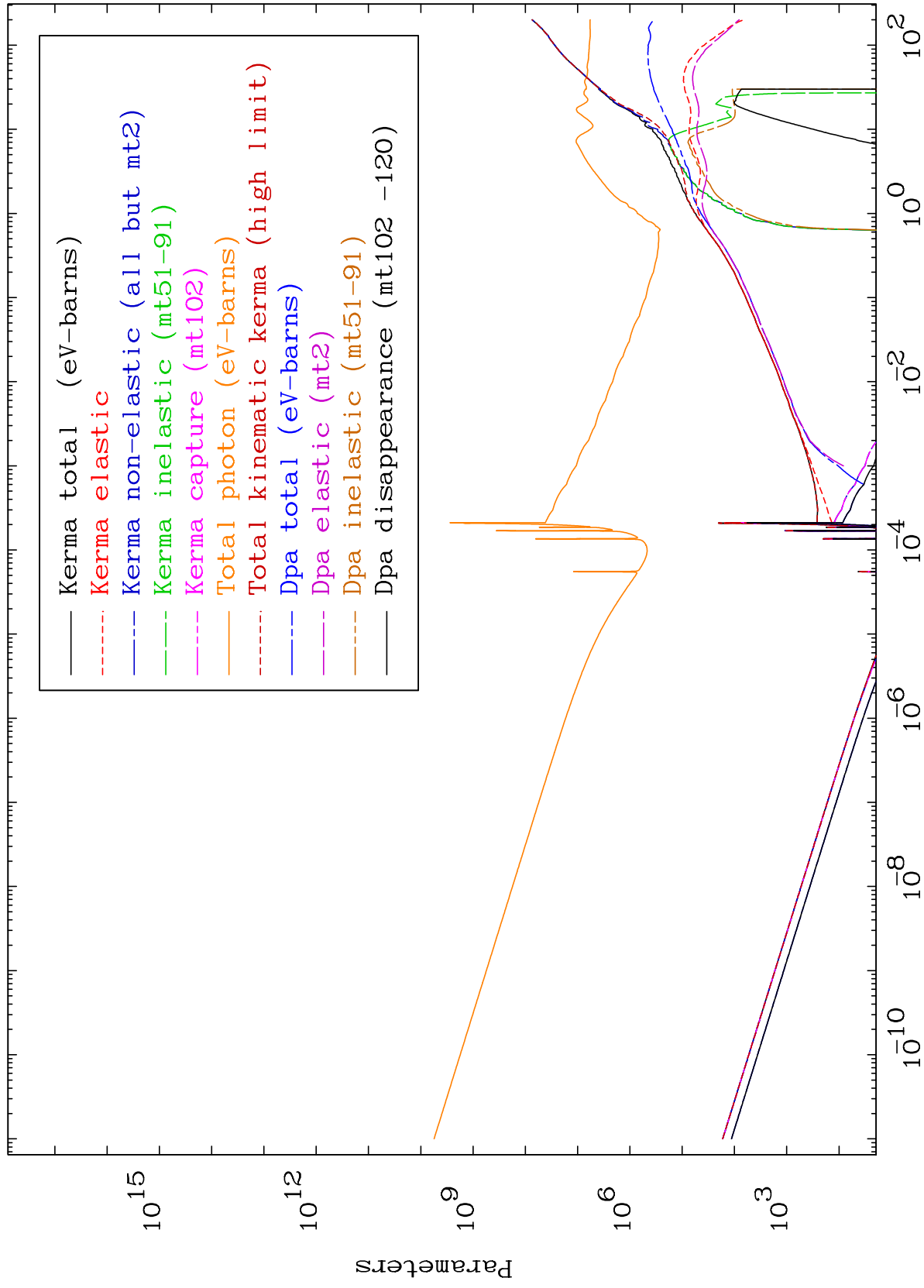
MAT 5534

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-136



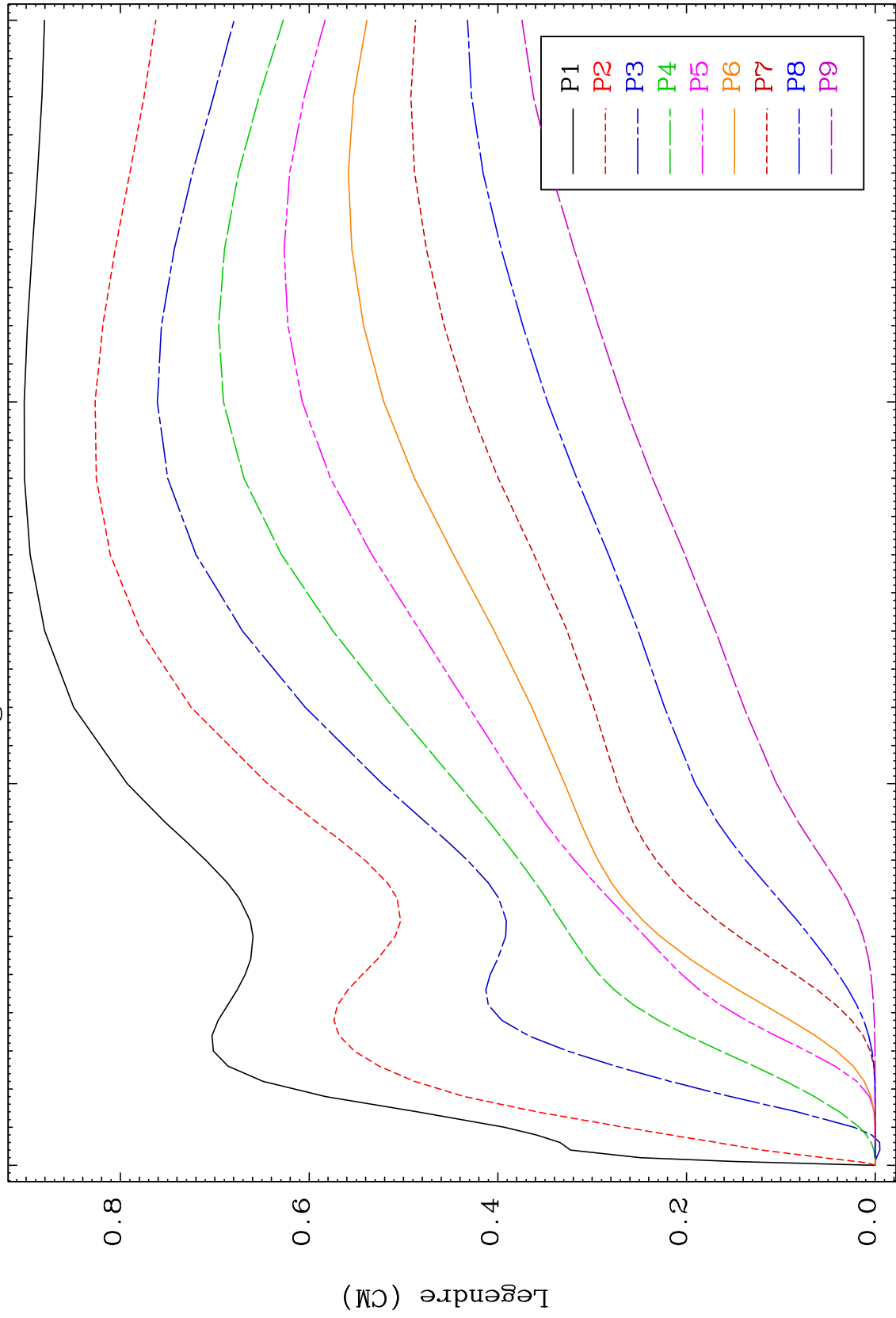
55-Cs-136



MAT 5534

Elastic Legendre Coefficients

55-Cs-136



16

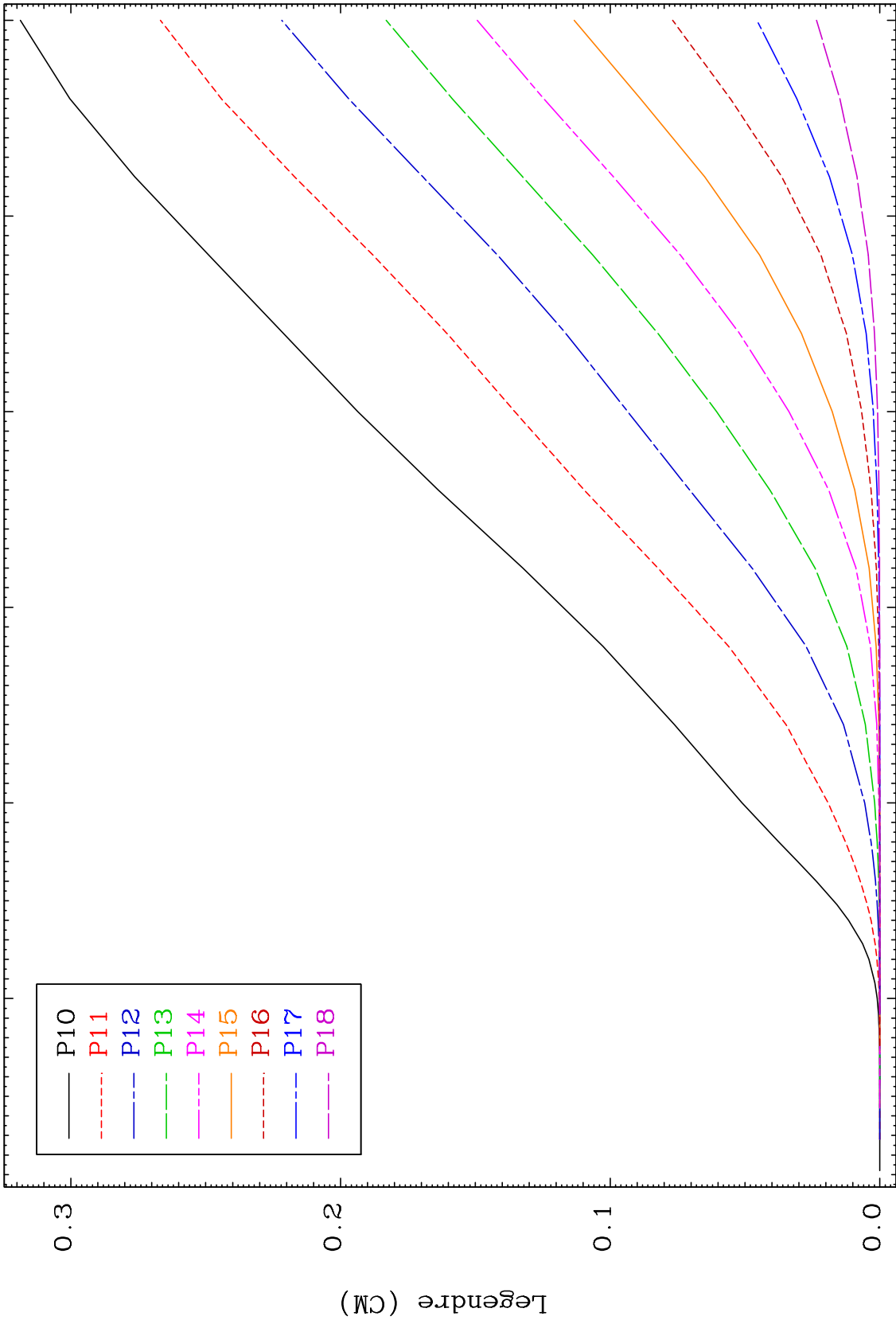
Incident Energy (MeV)

55-Cs-136

MAT 5534

Elastic Legendre Coefficients

55-Cs-136



17

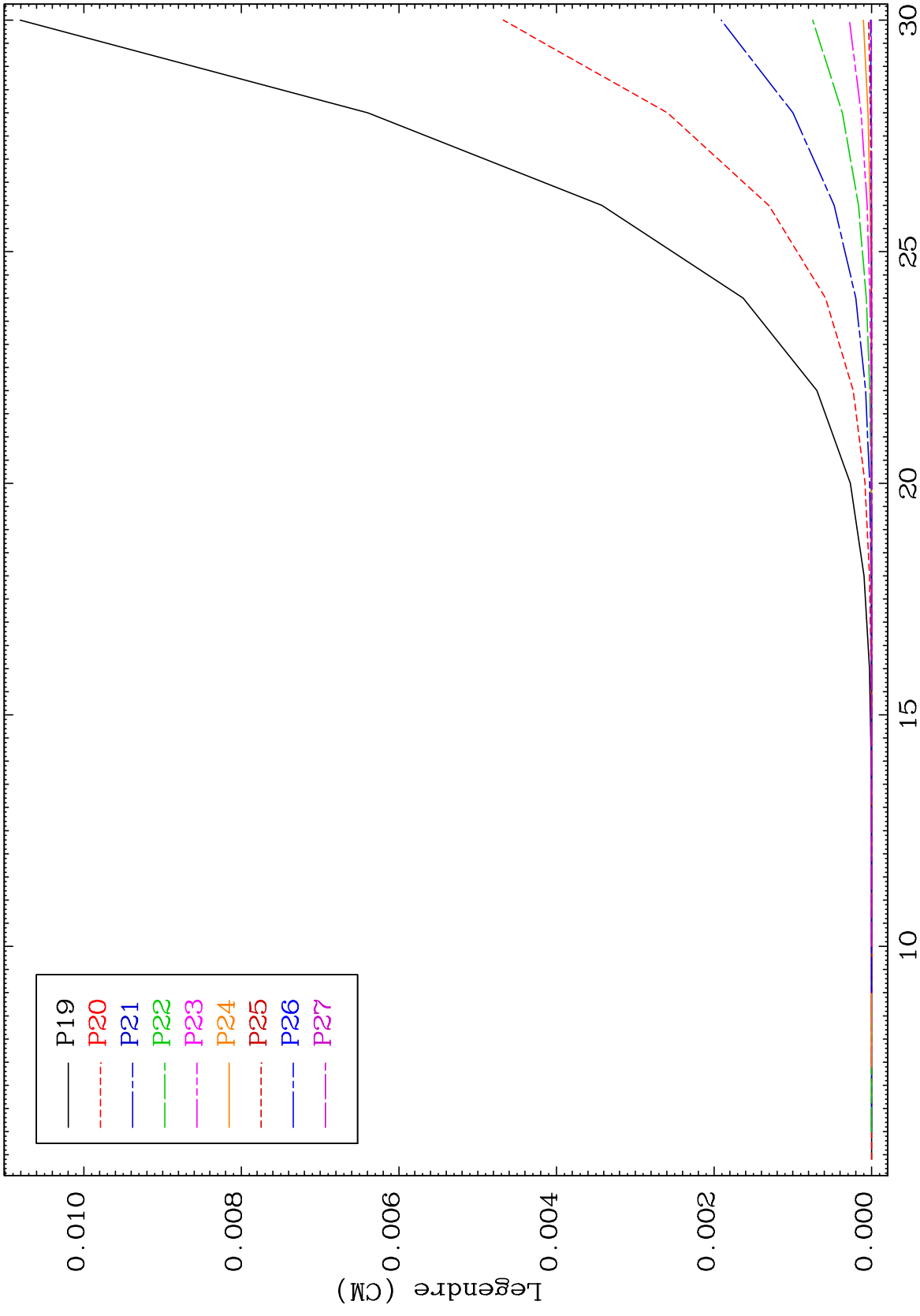
Incident Energy (MeV)

55-Cs-136

MAT 5534

Elastic Legendre Coefficients

55-Cs-136



18

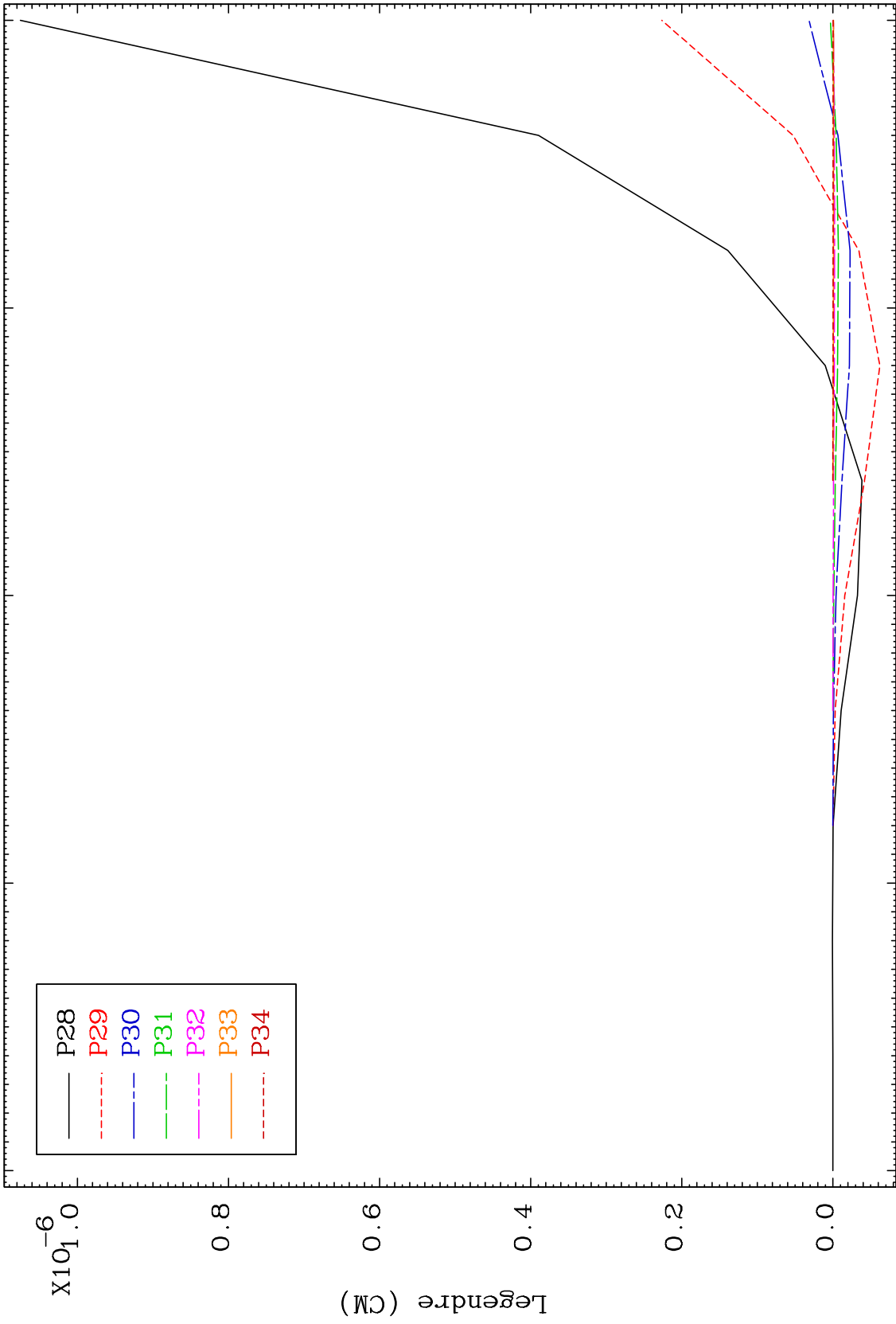
Incident Energy (MeV)

55-Cs-136

MAT 5534

Elastic Legendre Coefficients

55-Cs-136



19

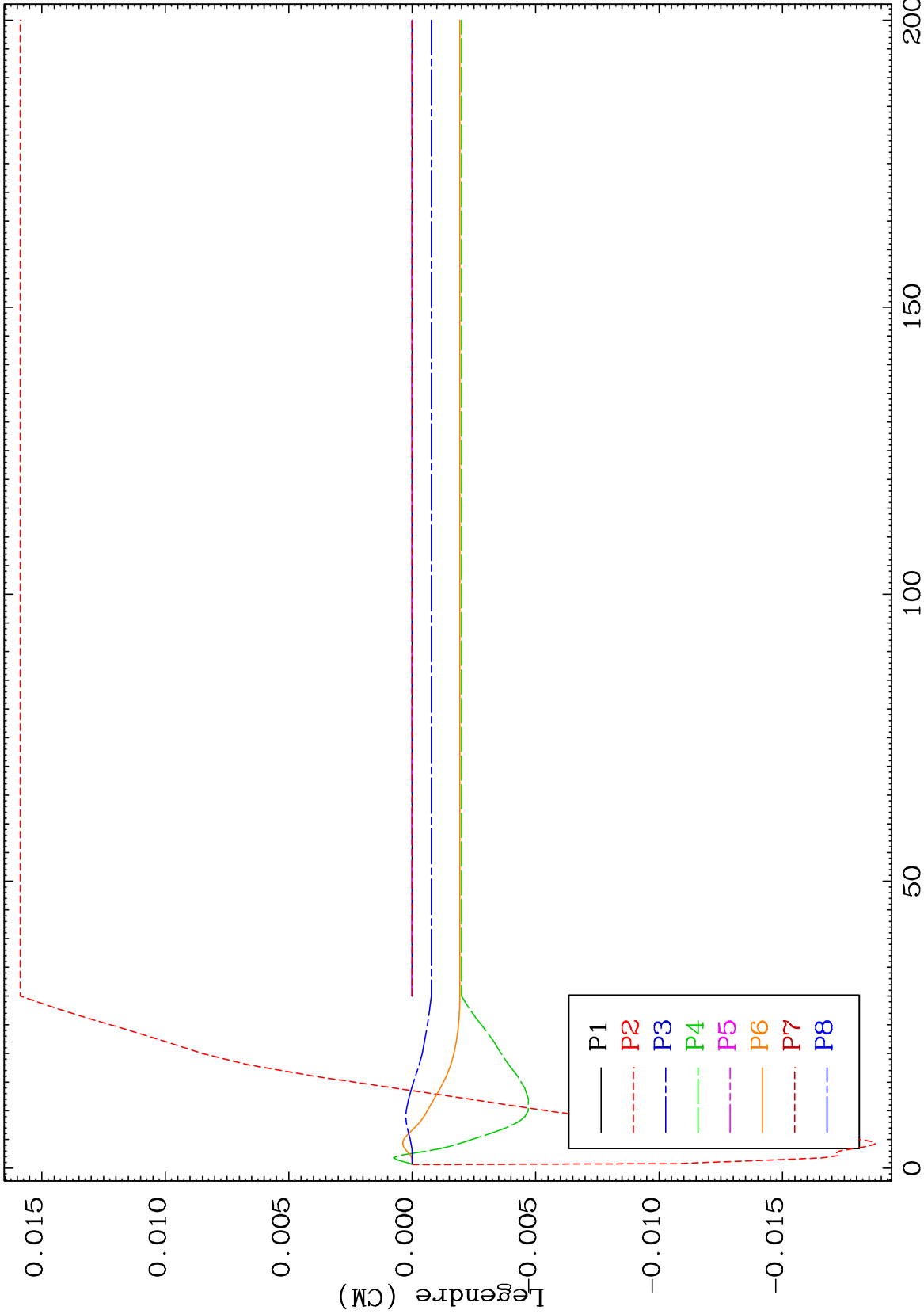
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



55-Cs-136

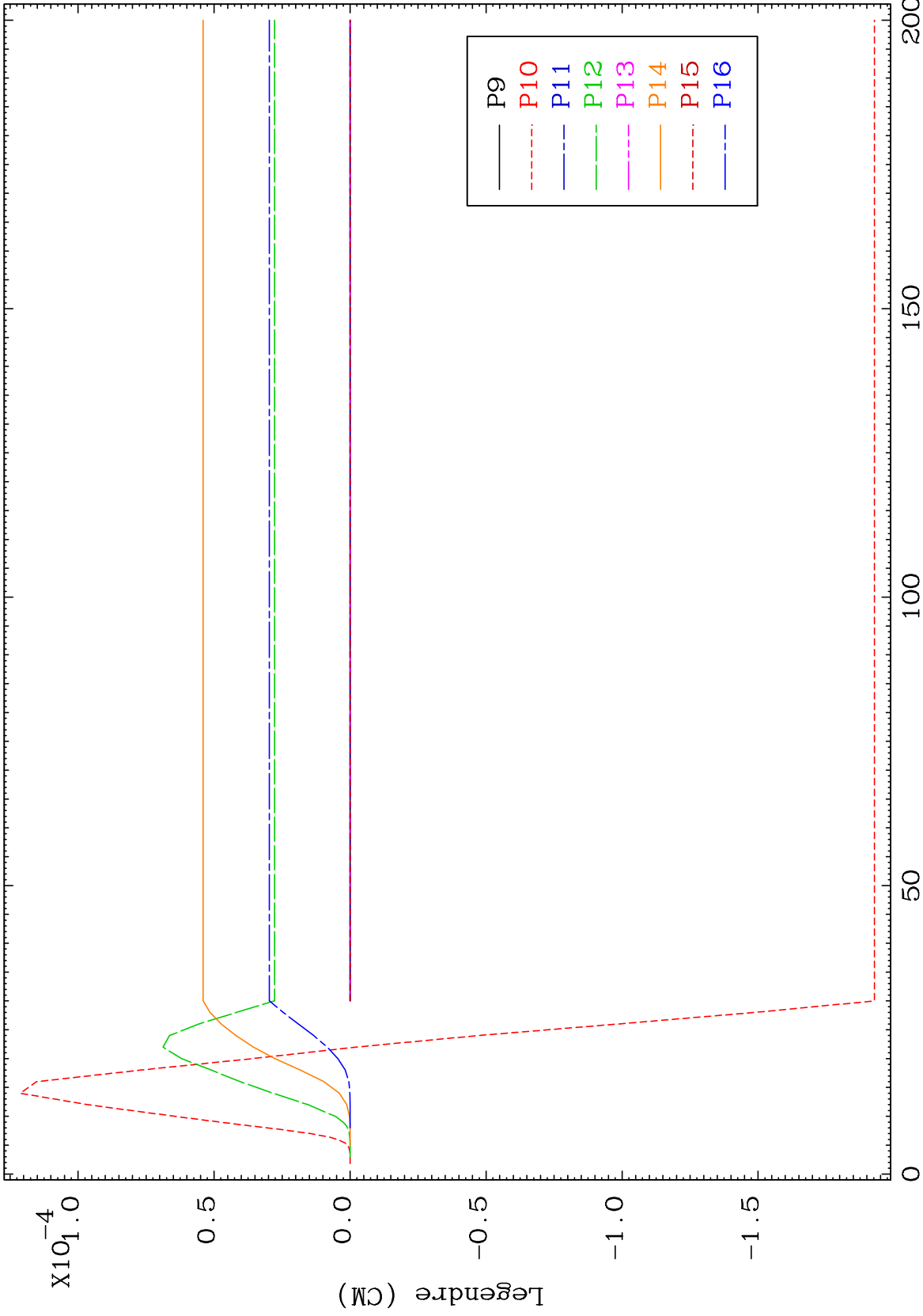
Incident Energy (MeV)

20

MAT 5534

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

55-Cs-136



21

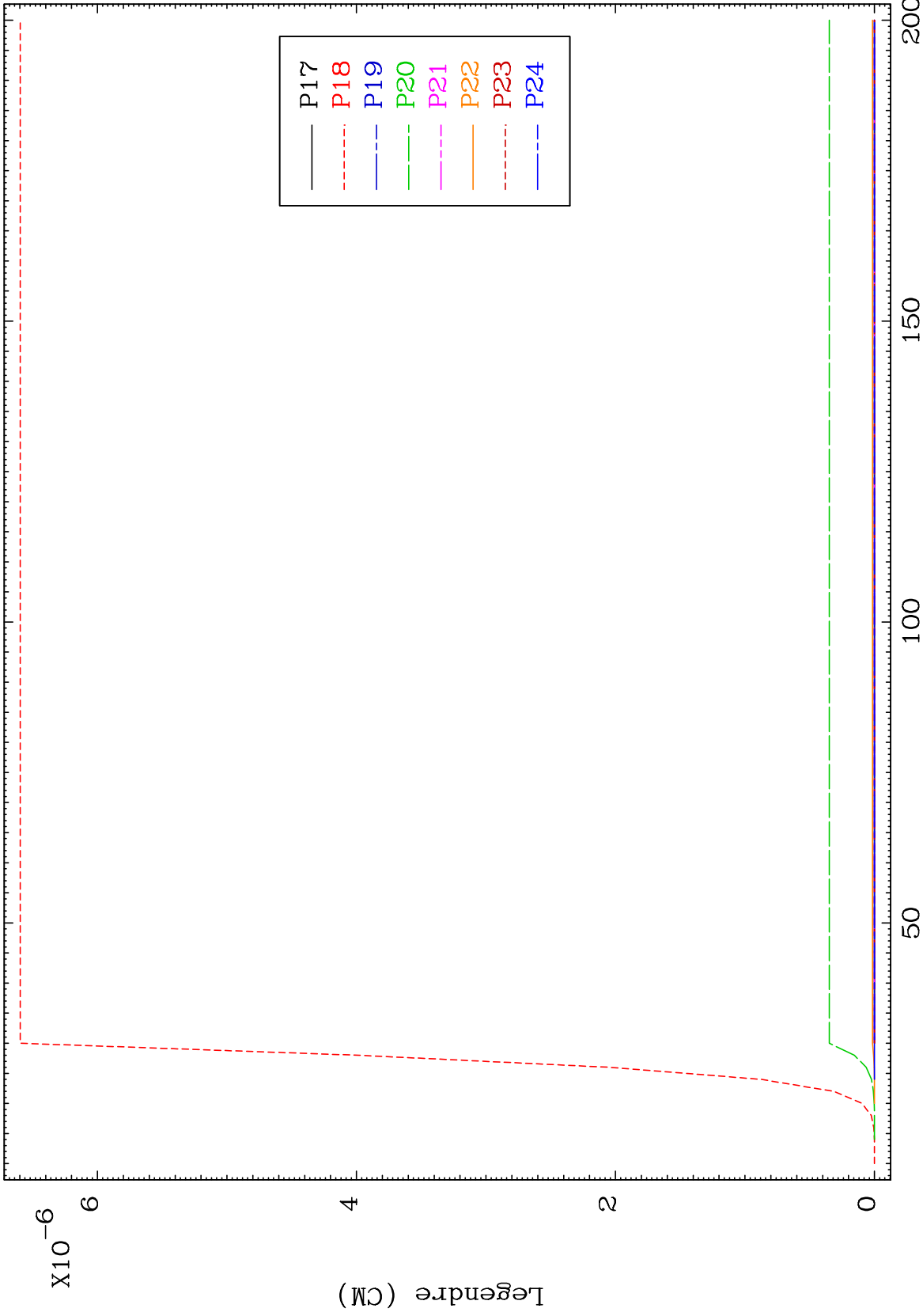
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



22

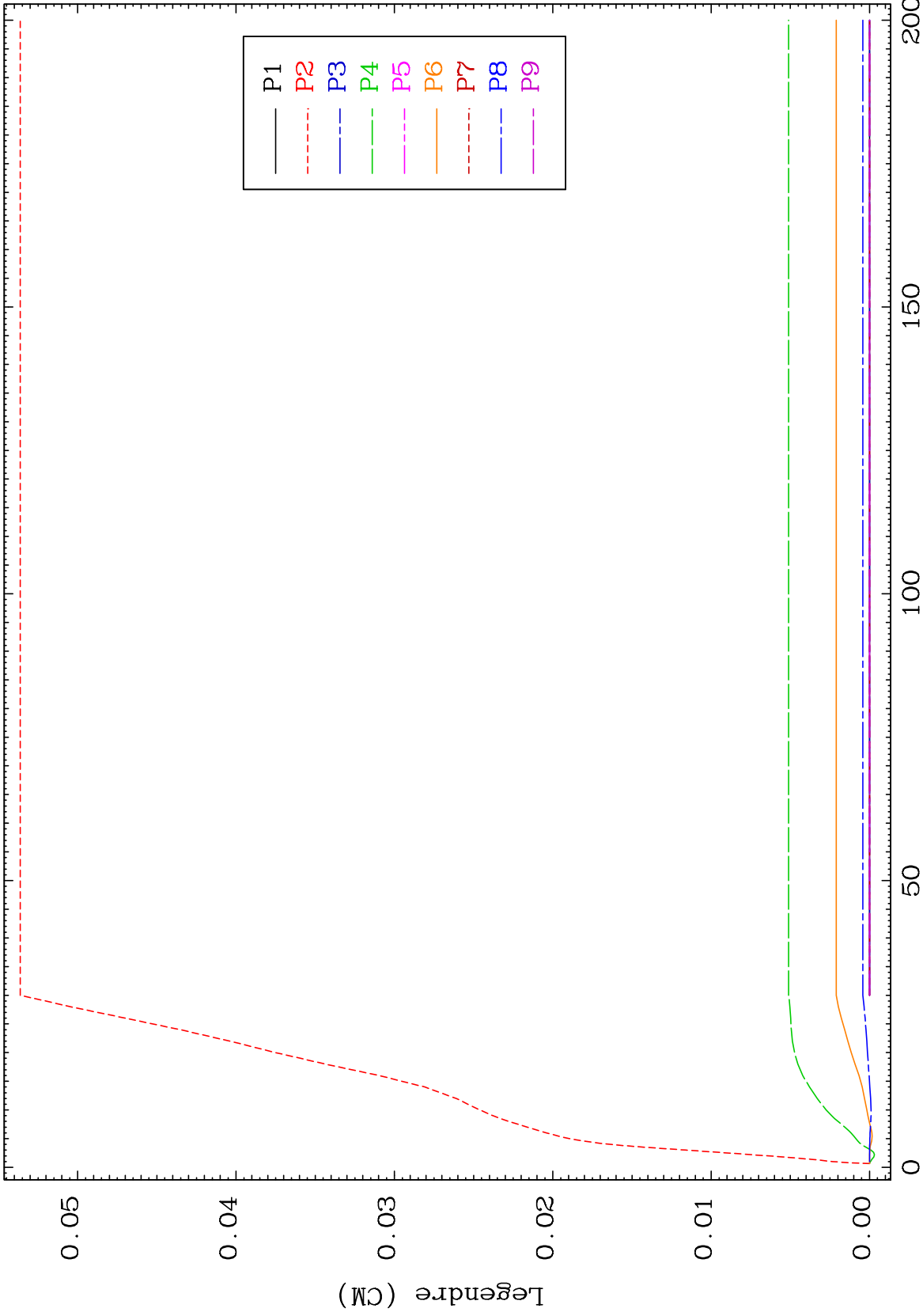
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



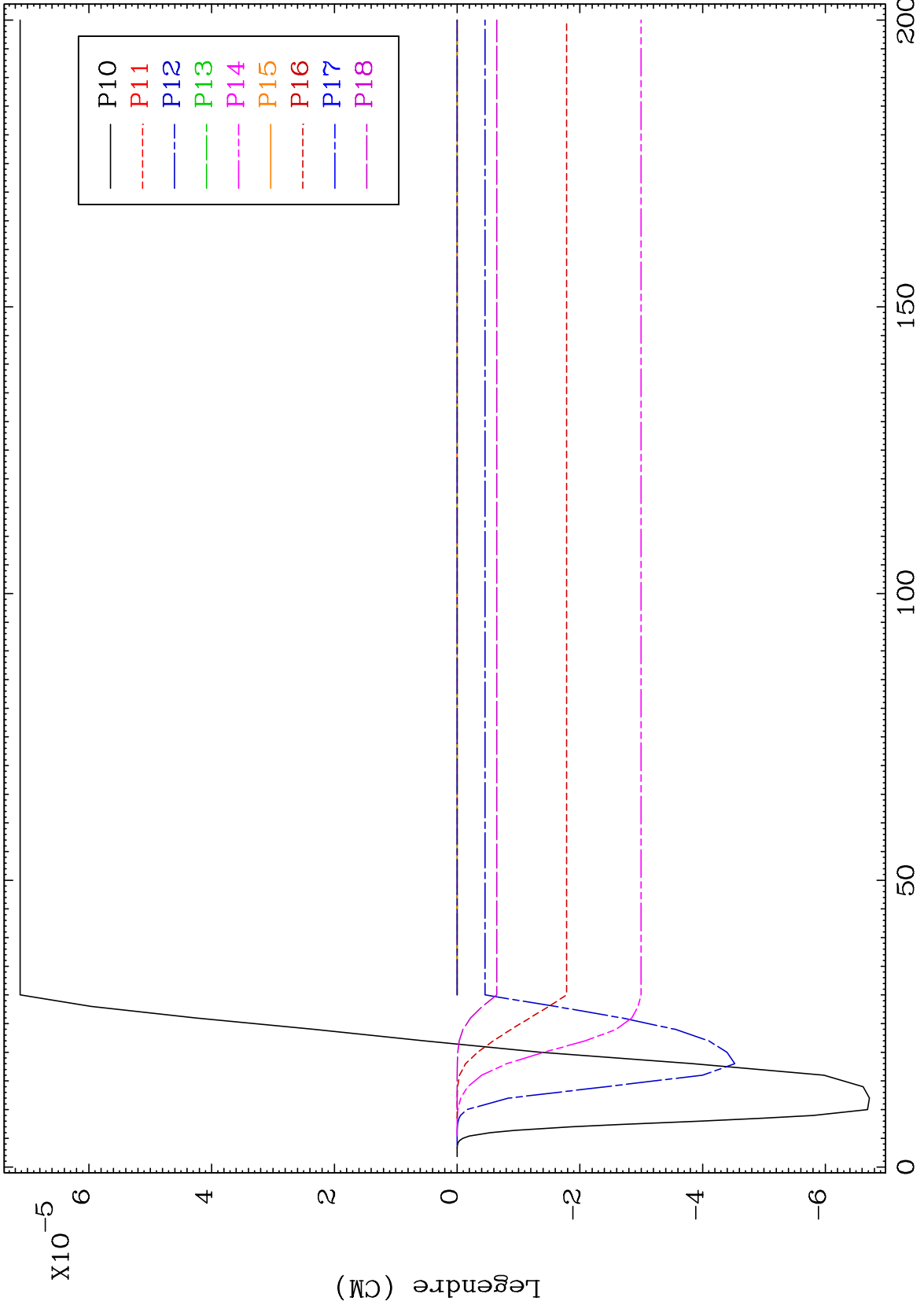
23

55-Cs-136

MAT 5534

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

55-Cs-136



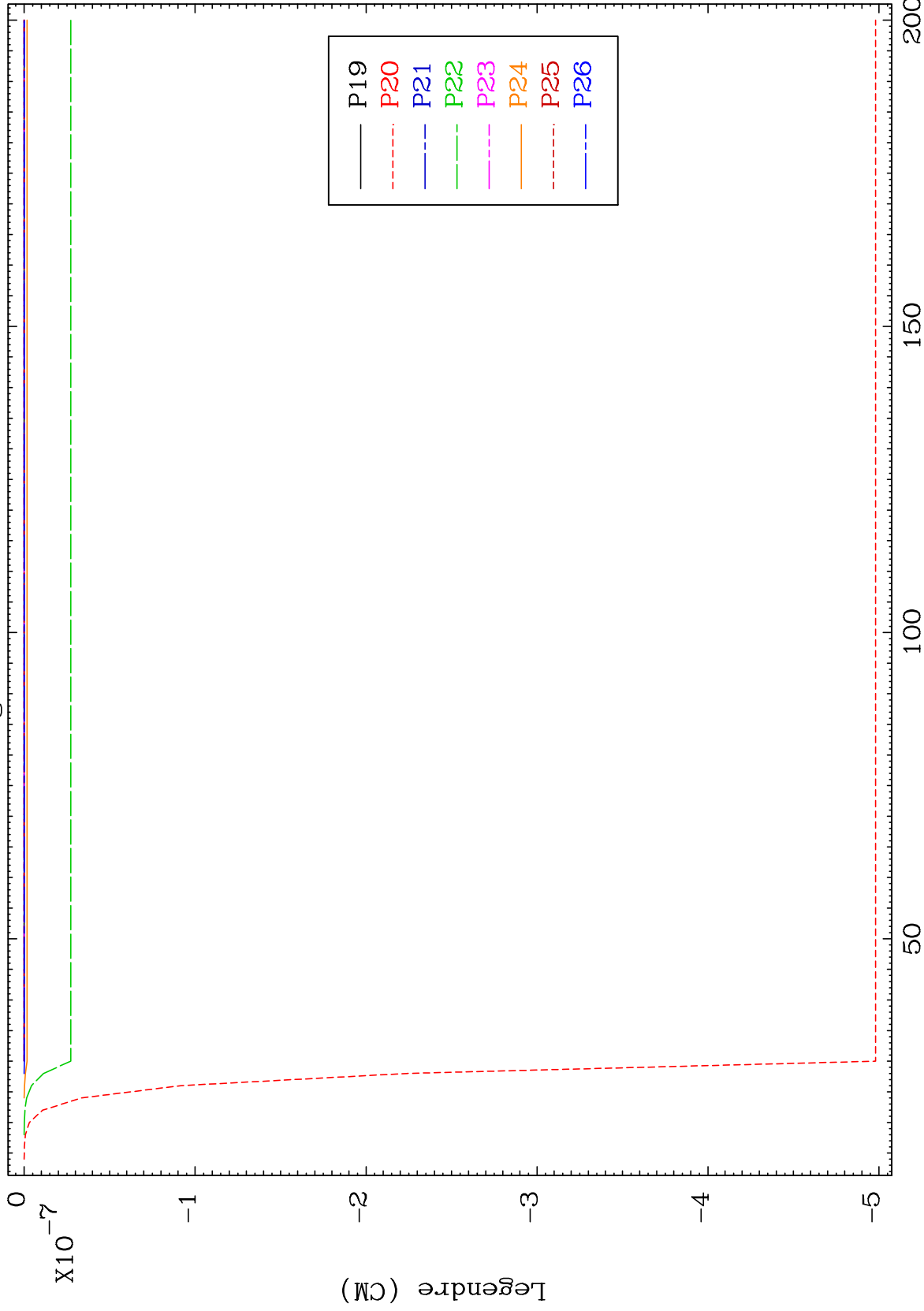
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55-Cs-136

MAT 5534

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

55-Cs-136



25

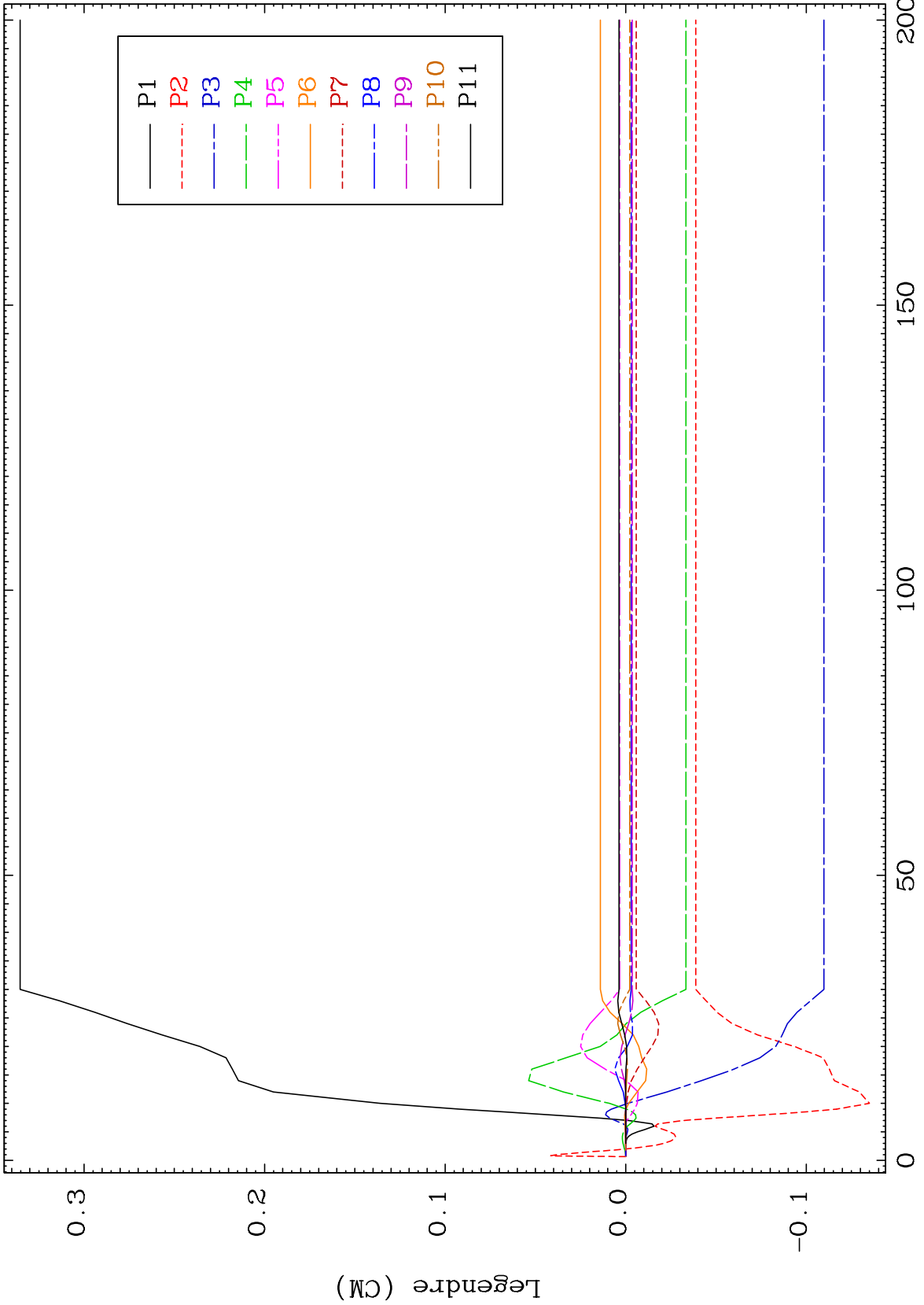
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



26

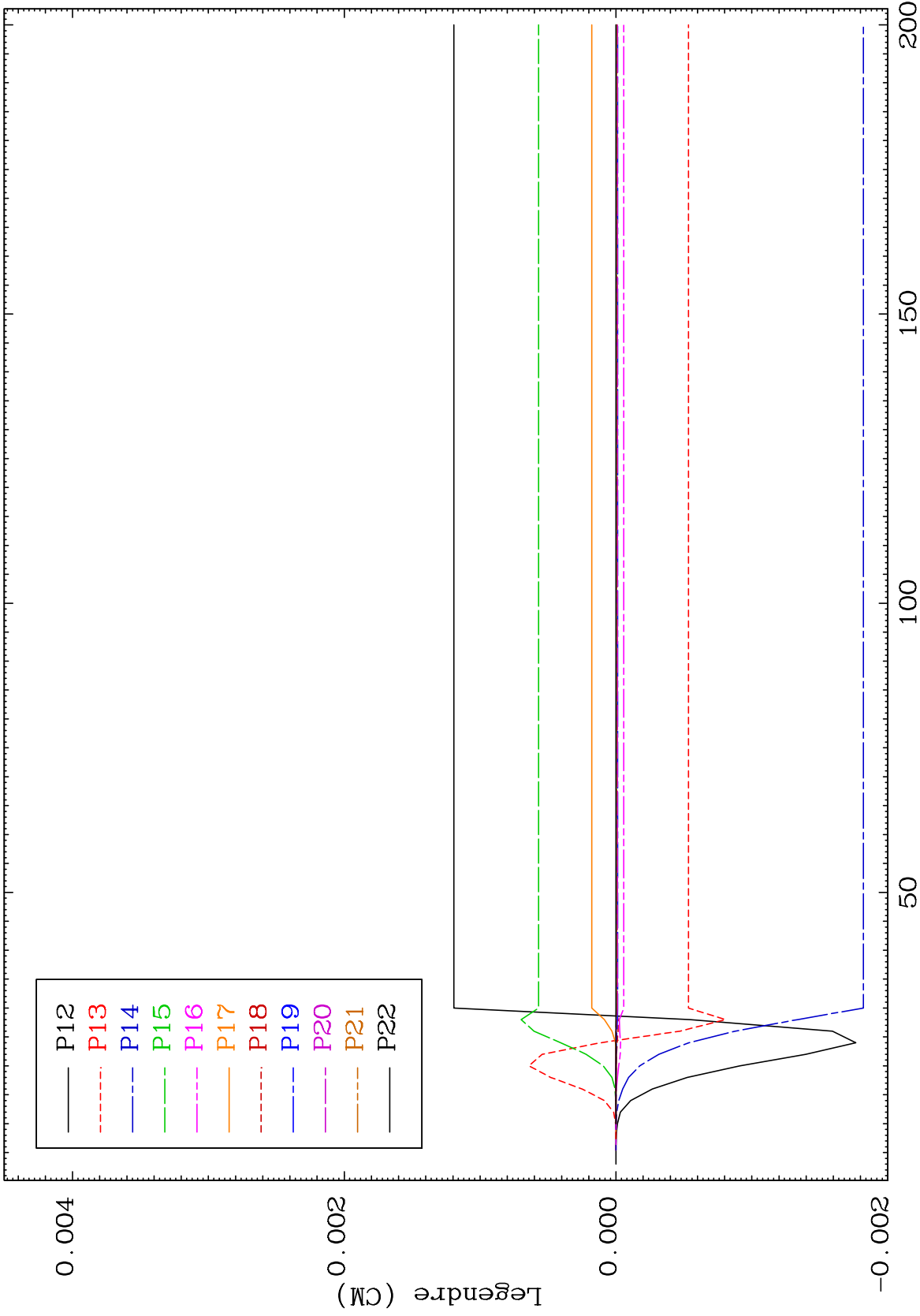
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



27

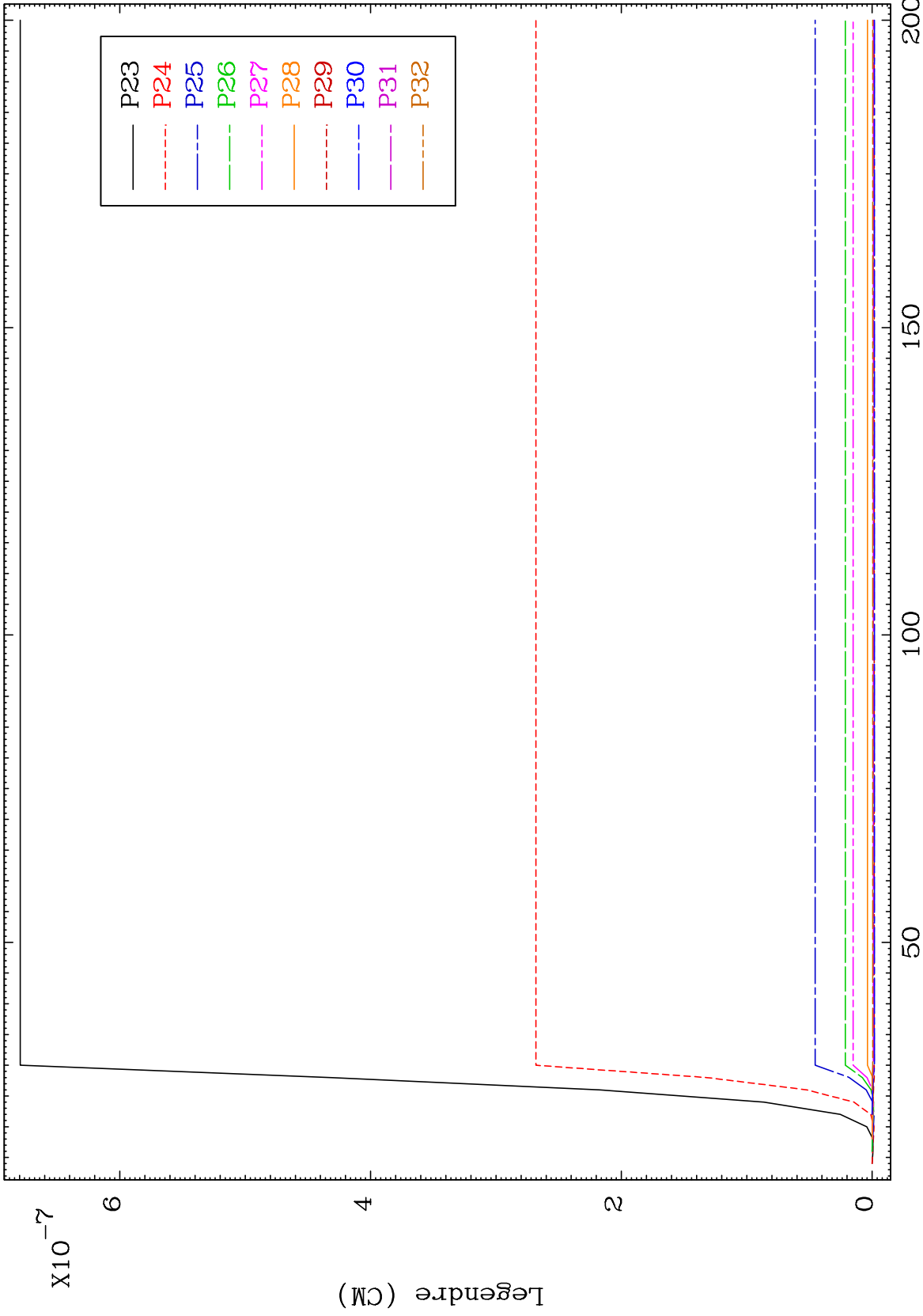
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



28

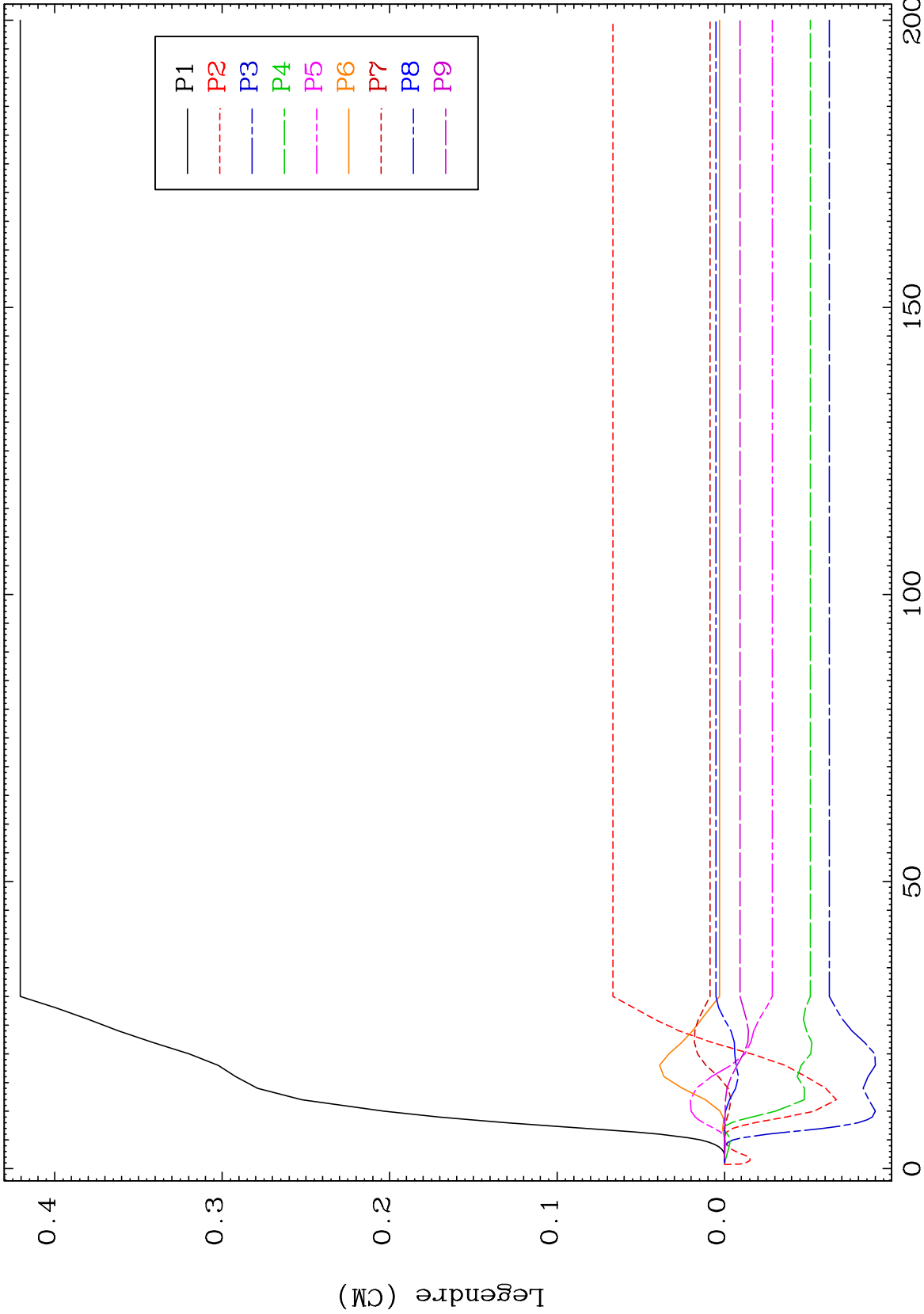
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



29

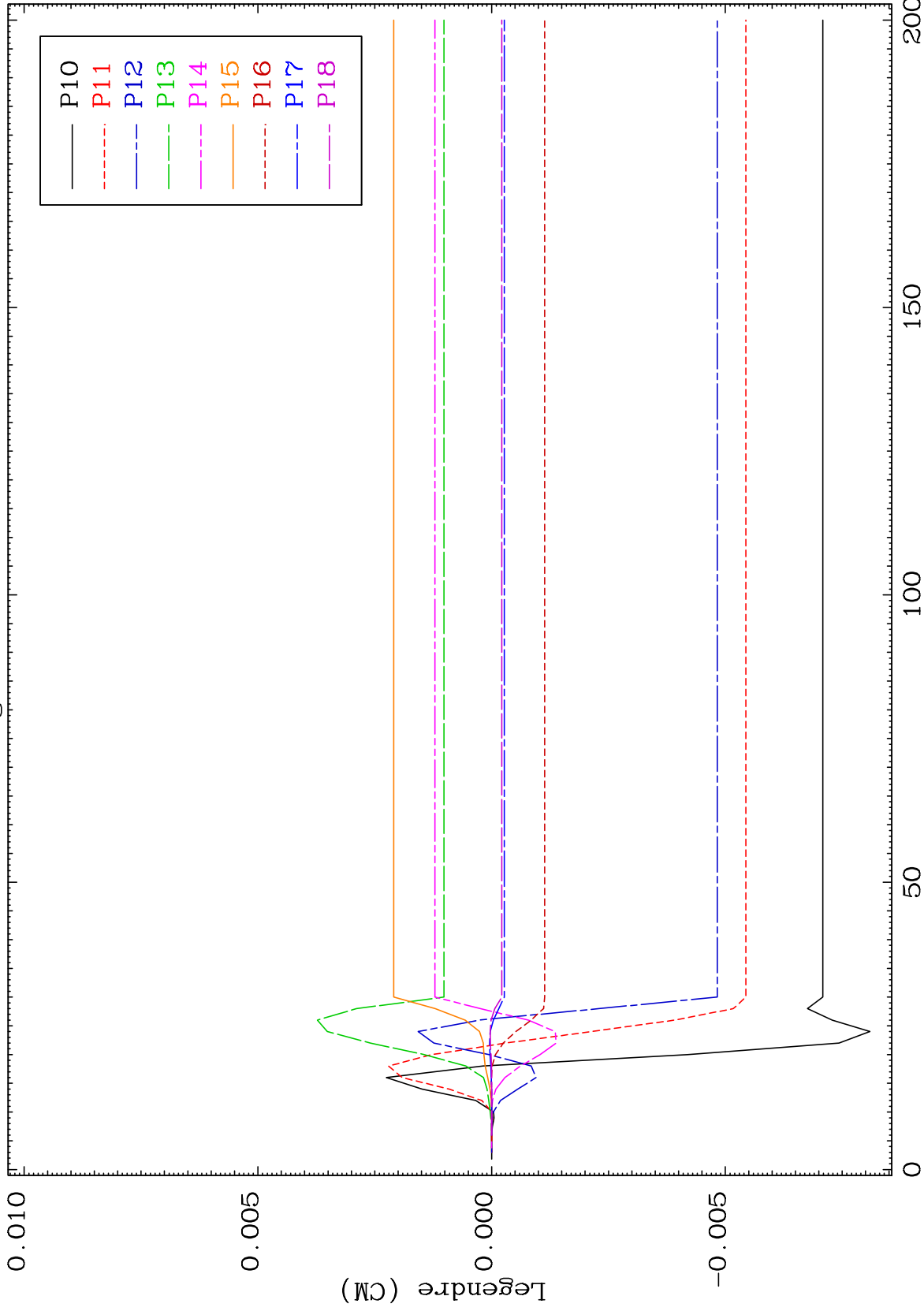
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



0

50

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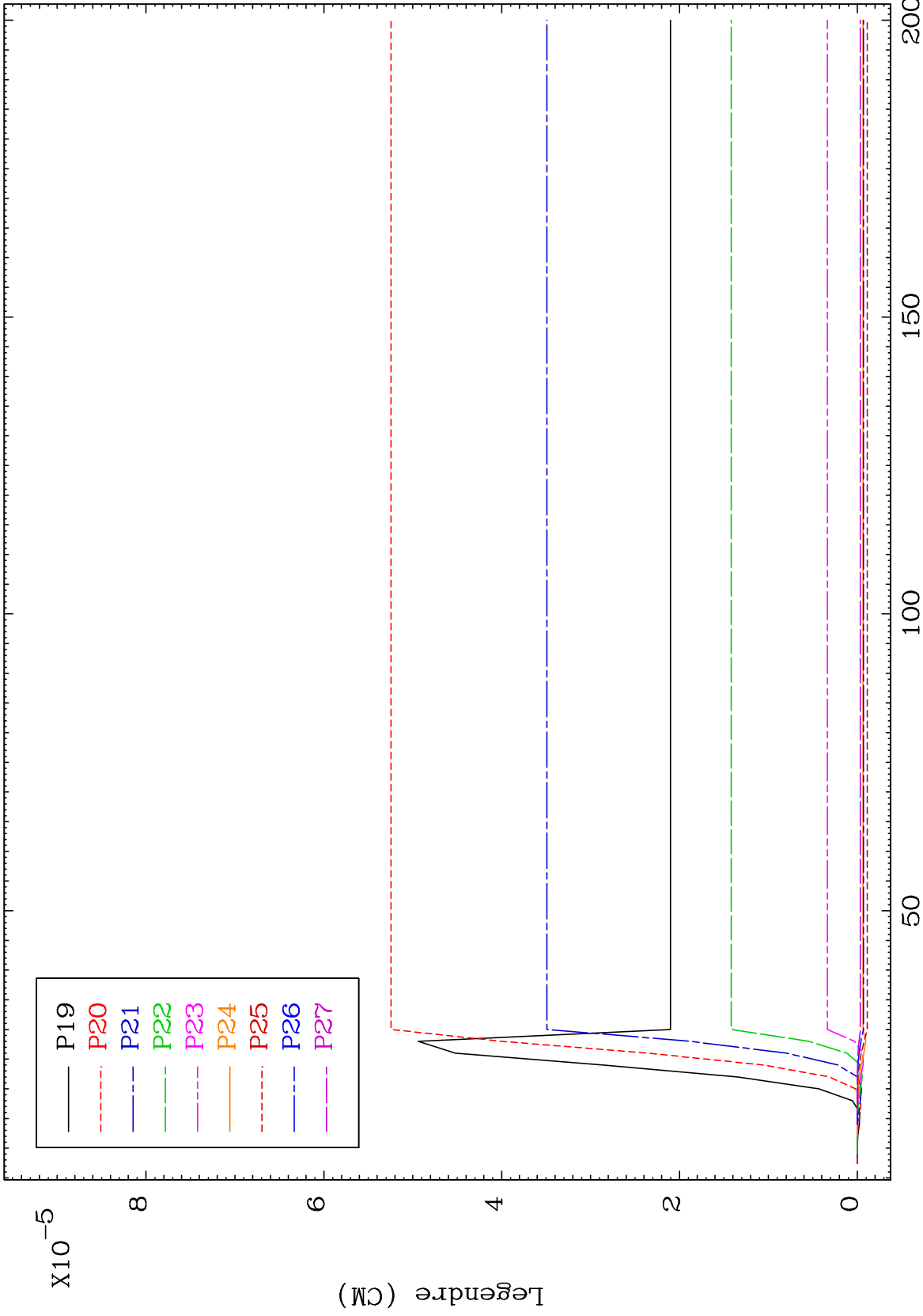
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55-Cs-136

MAT 5534

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

55-Cs-136



31

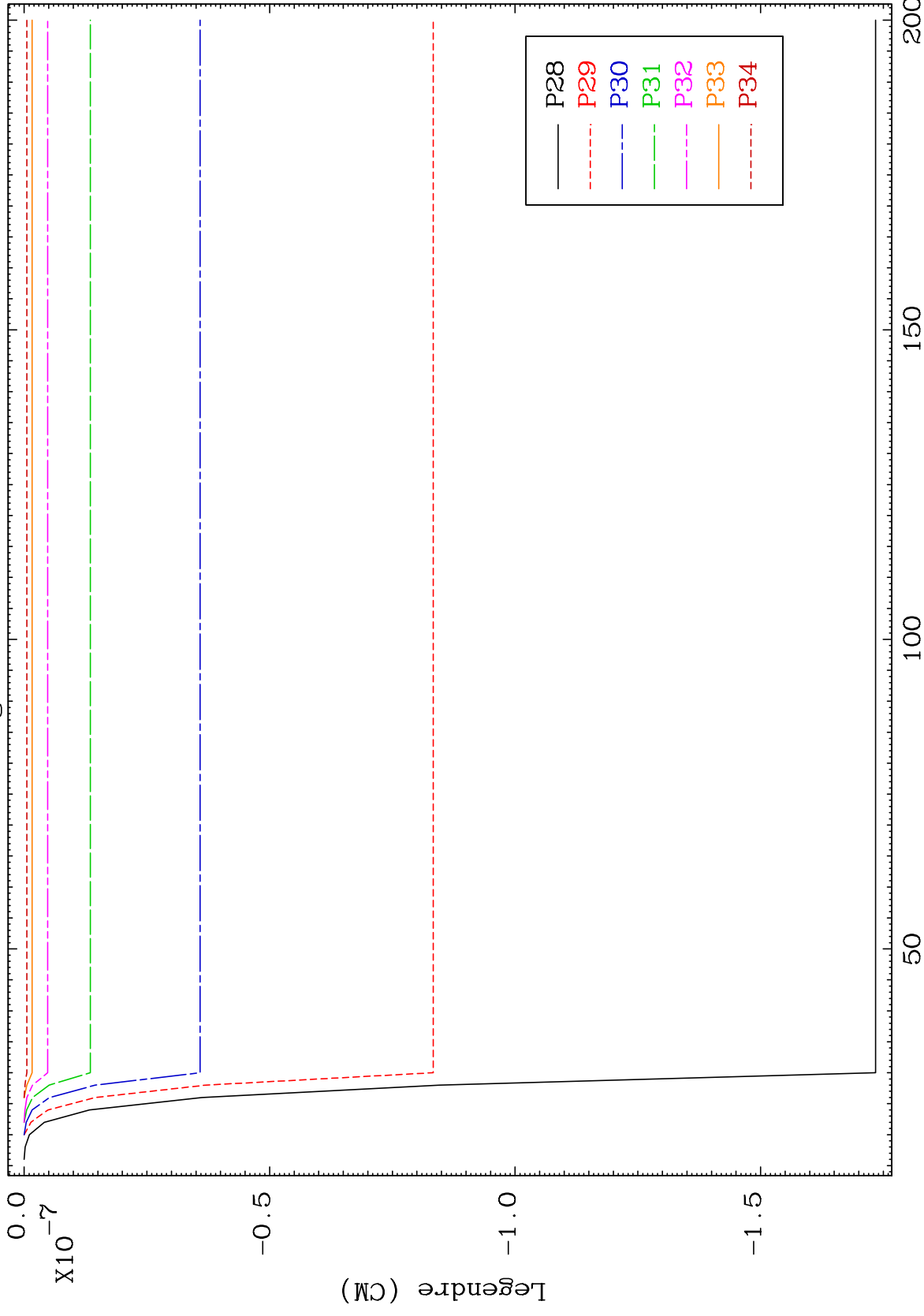
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



55-Cs-136

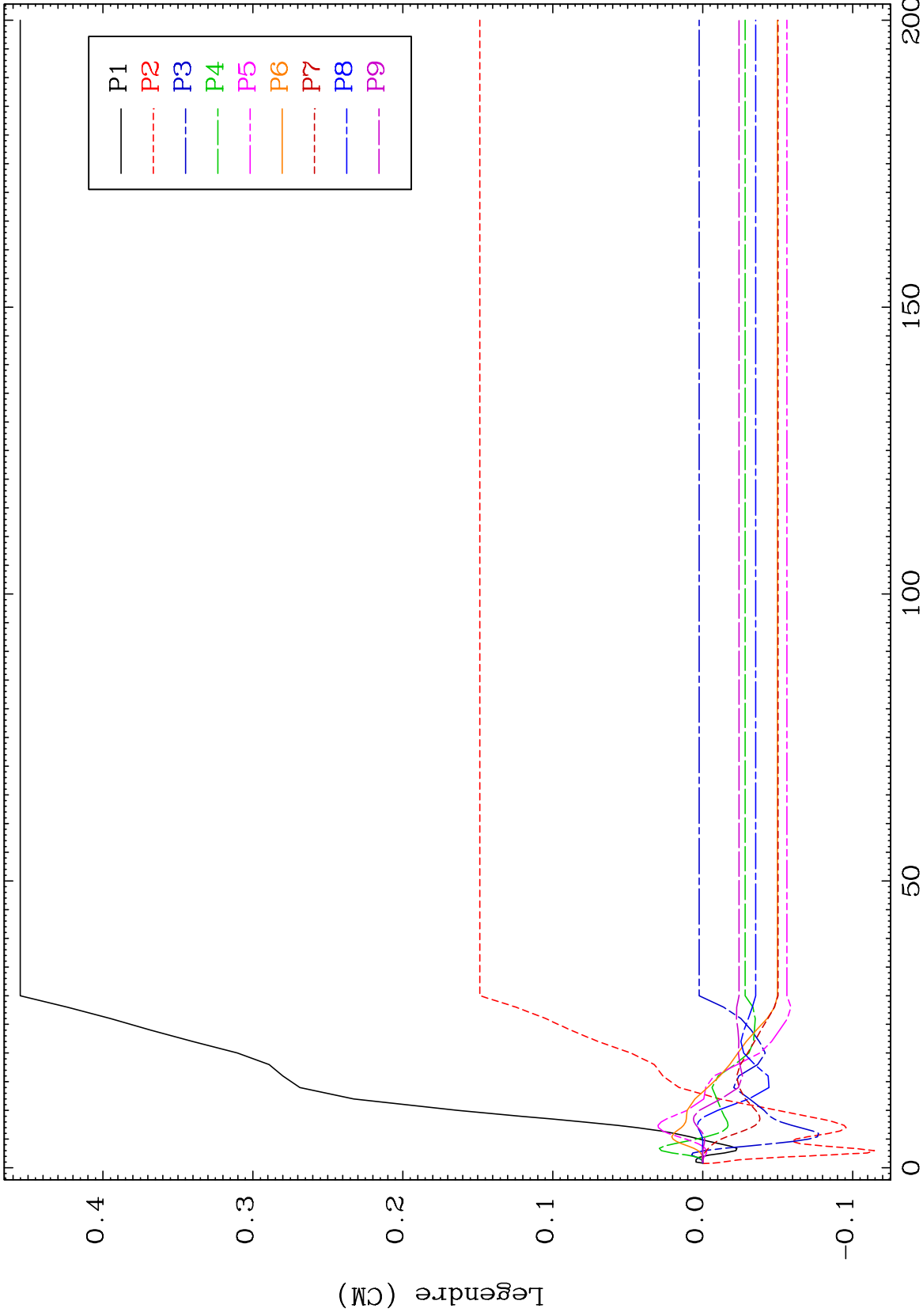
Incident Energy (MeV)

32

MAT 5534

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

55-Cs-136



33

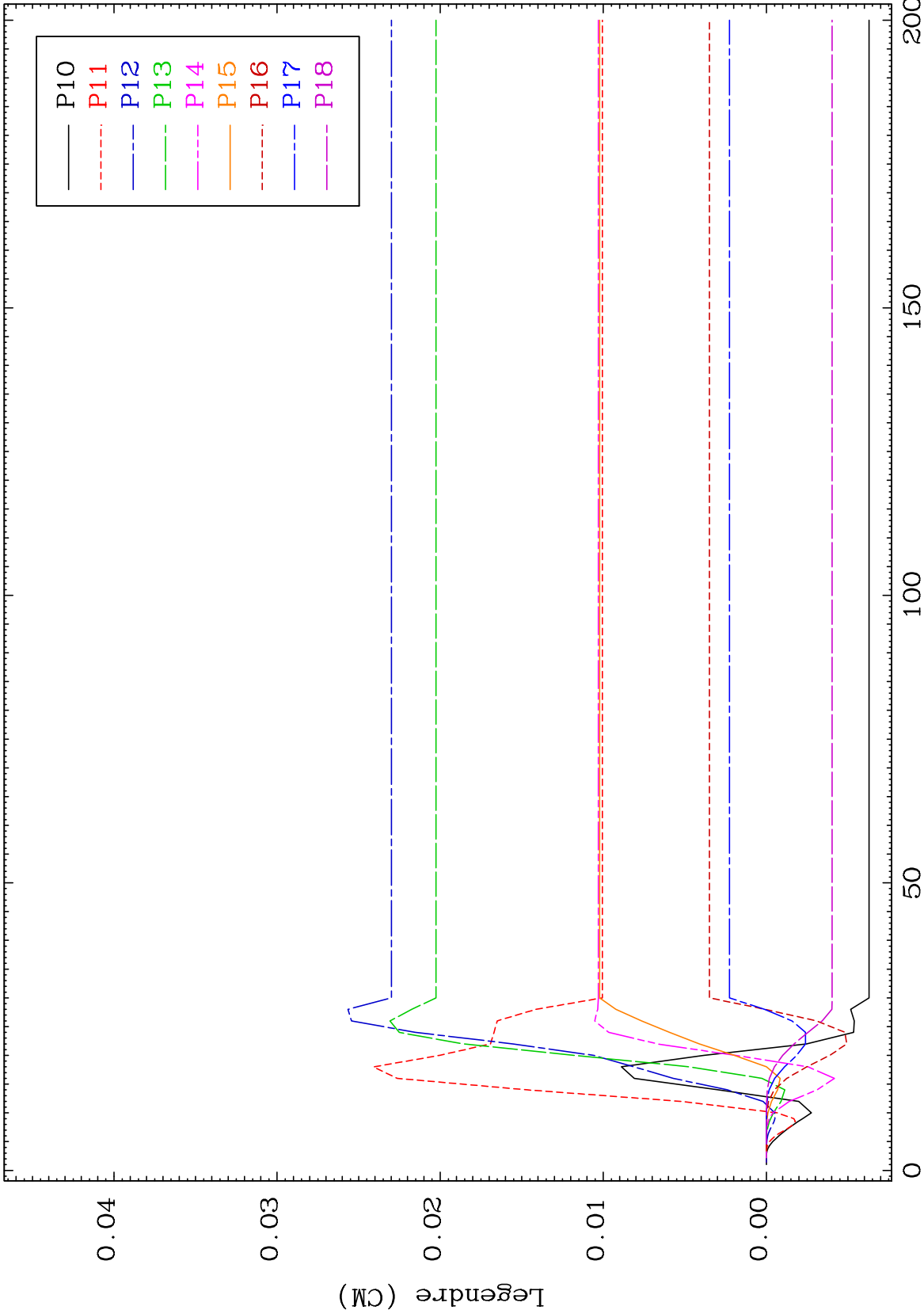
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



34

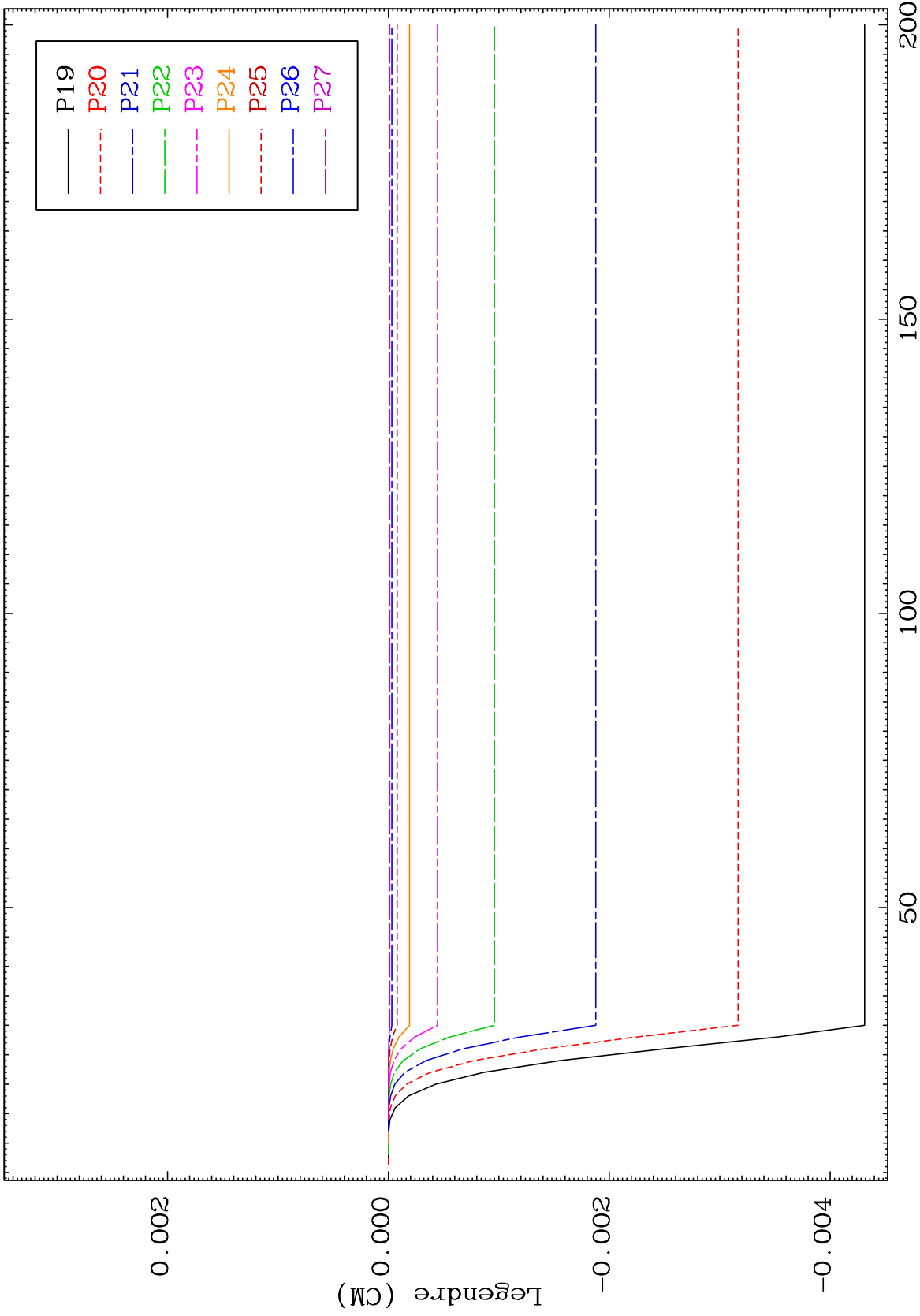
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



35

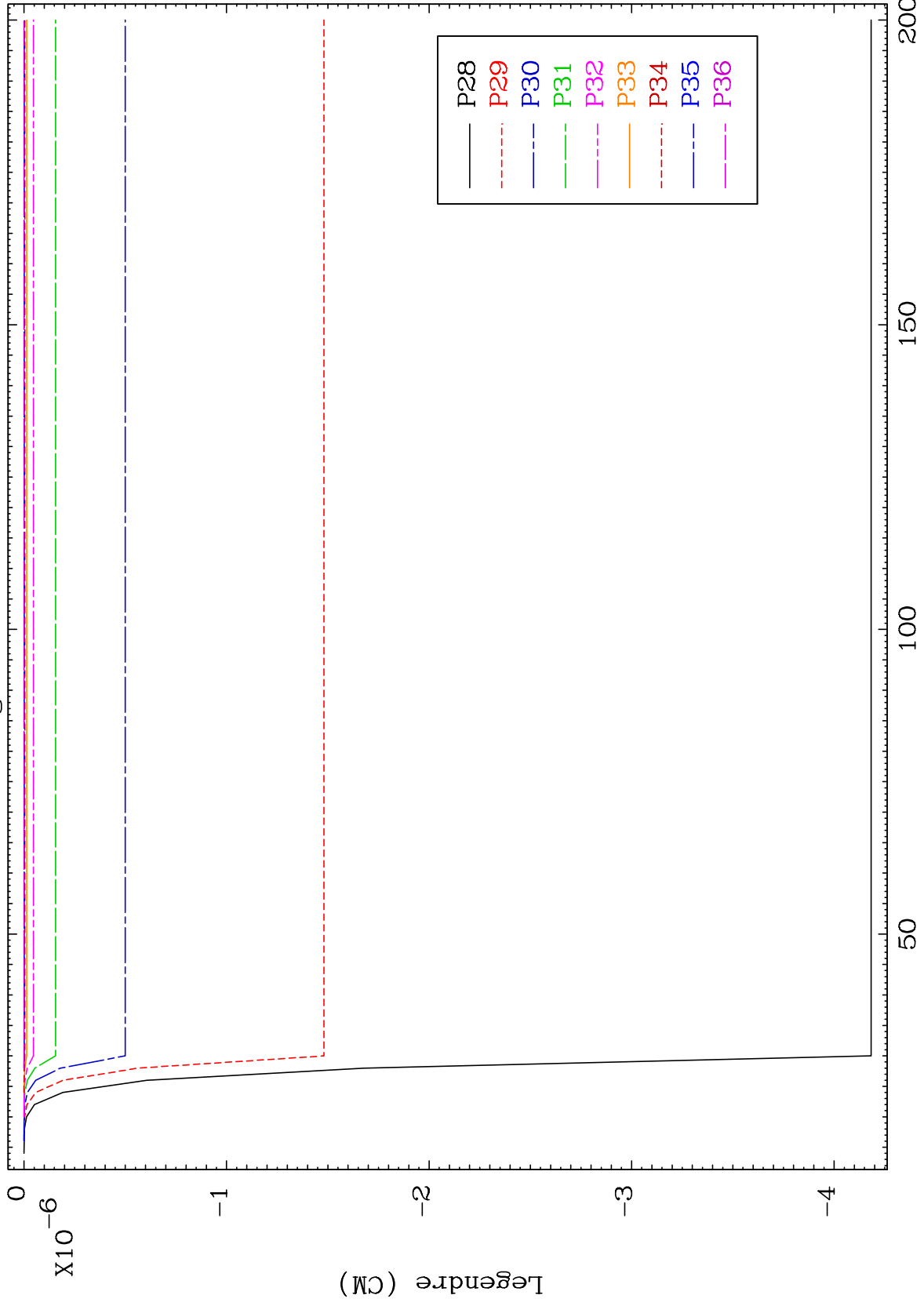
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



55-Cs-136

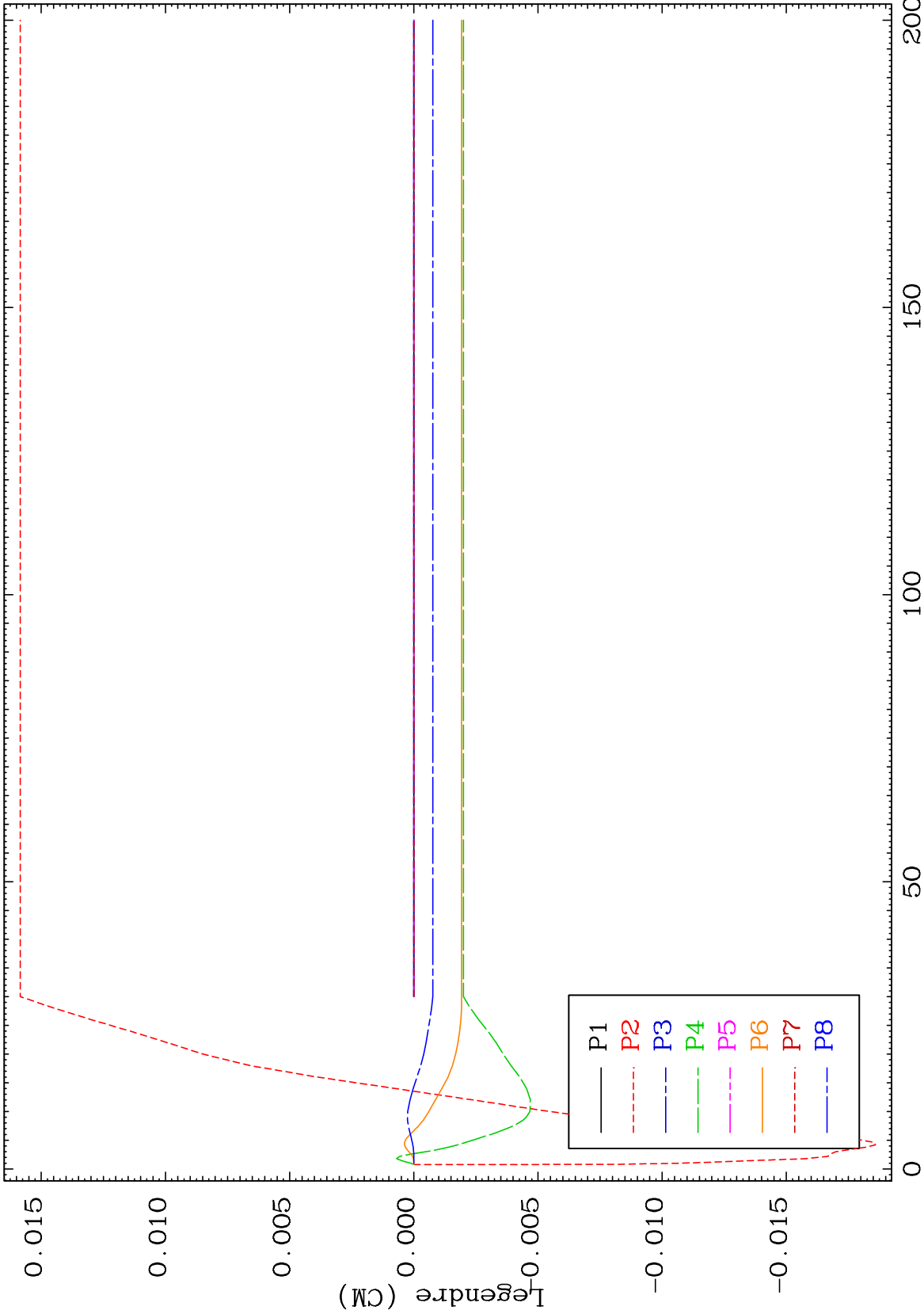
Incident Energy (MeV)

36

MAT 5534

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

55-Cs-136



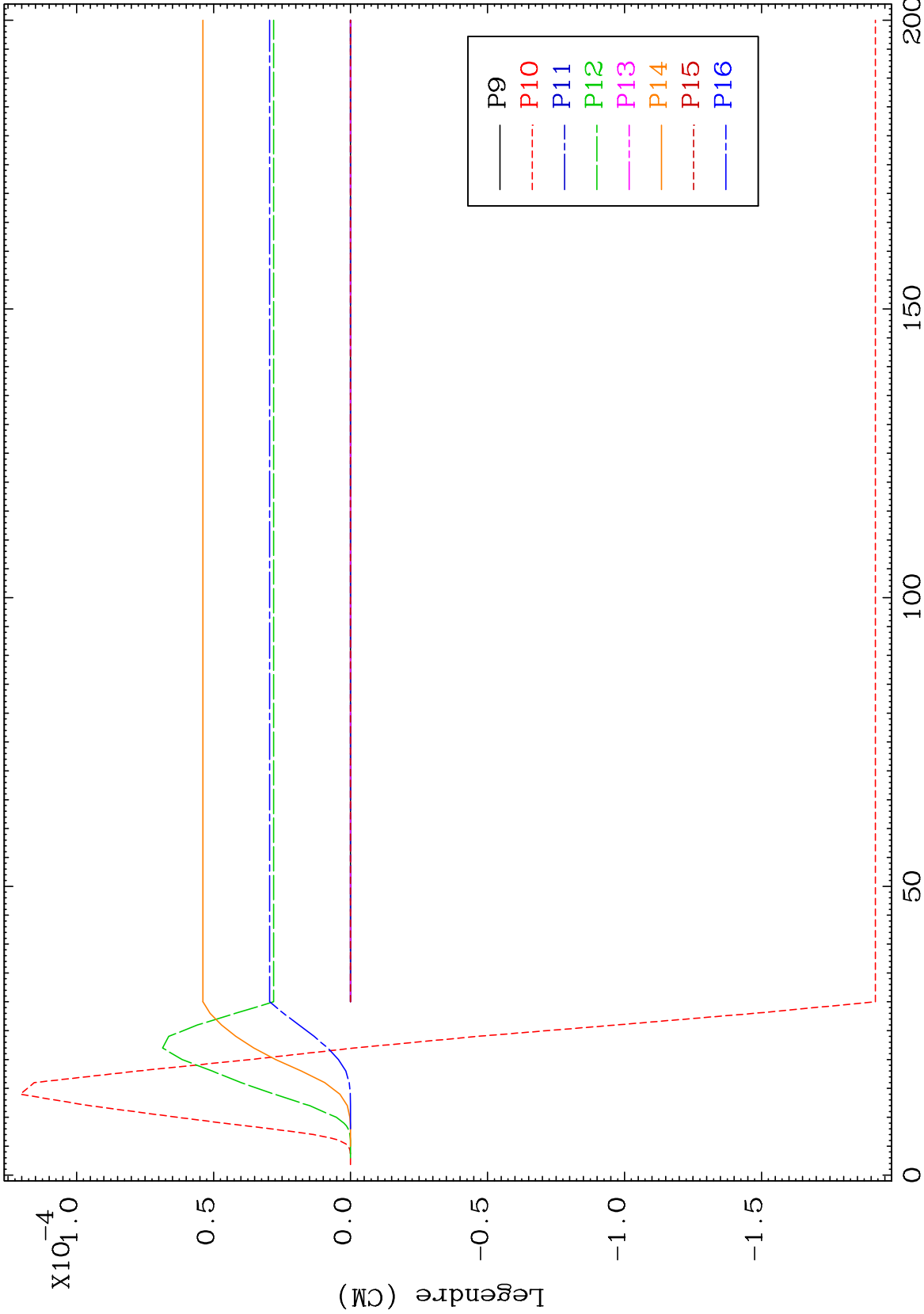
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55-Cs-136

MAT 5534

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

55-Cs-136



38

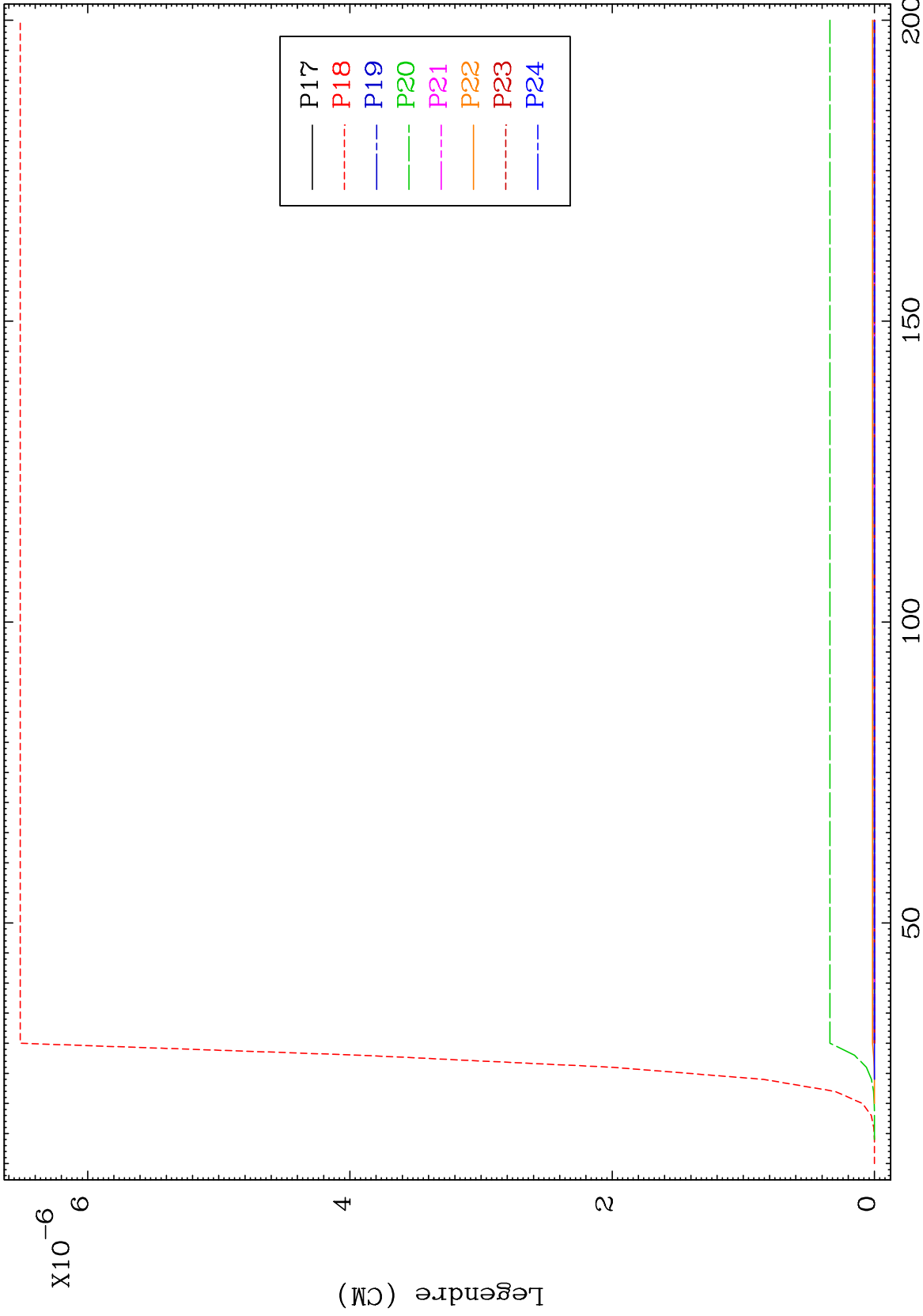
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



39

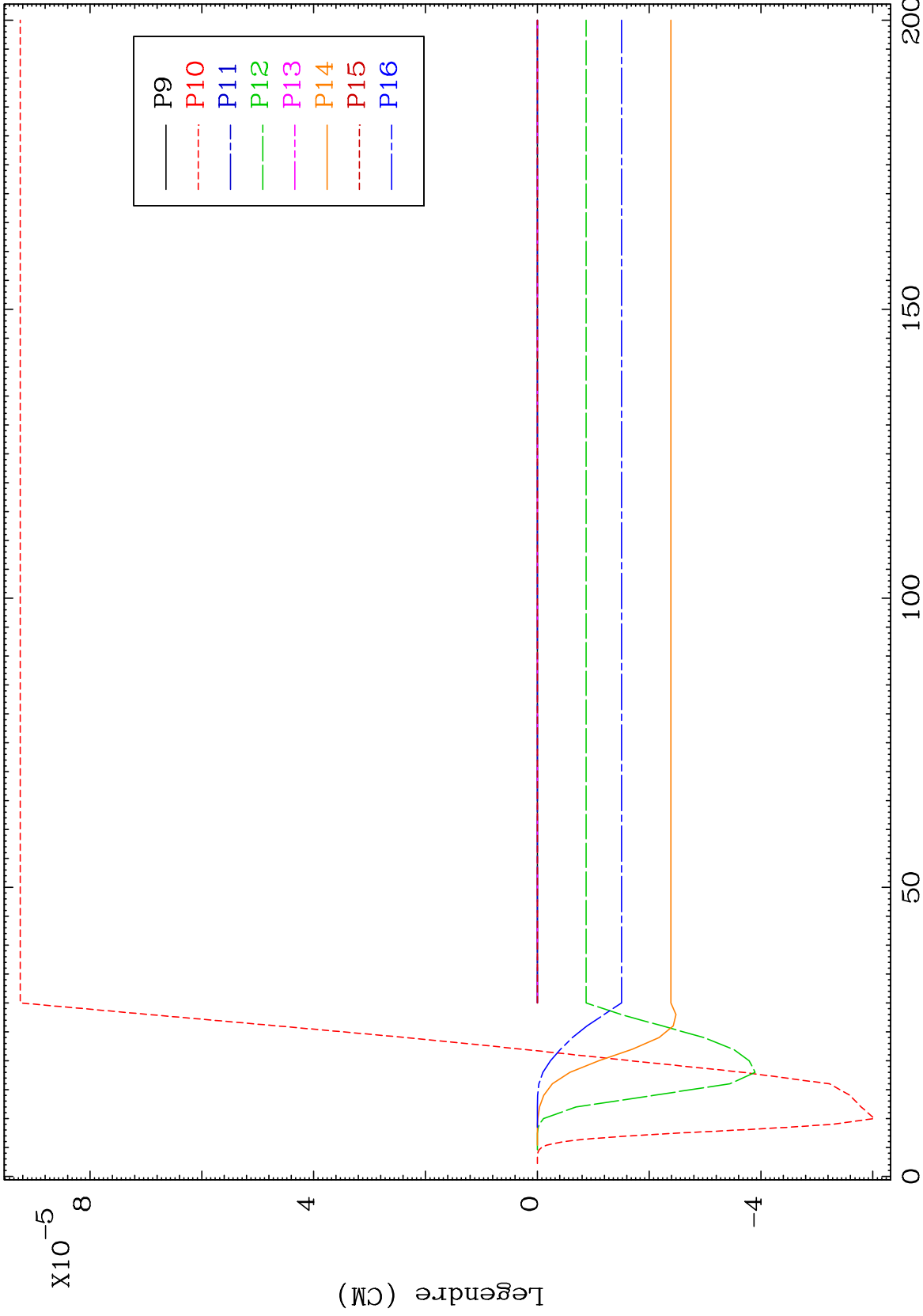
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



41

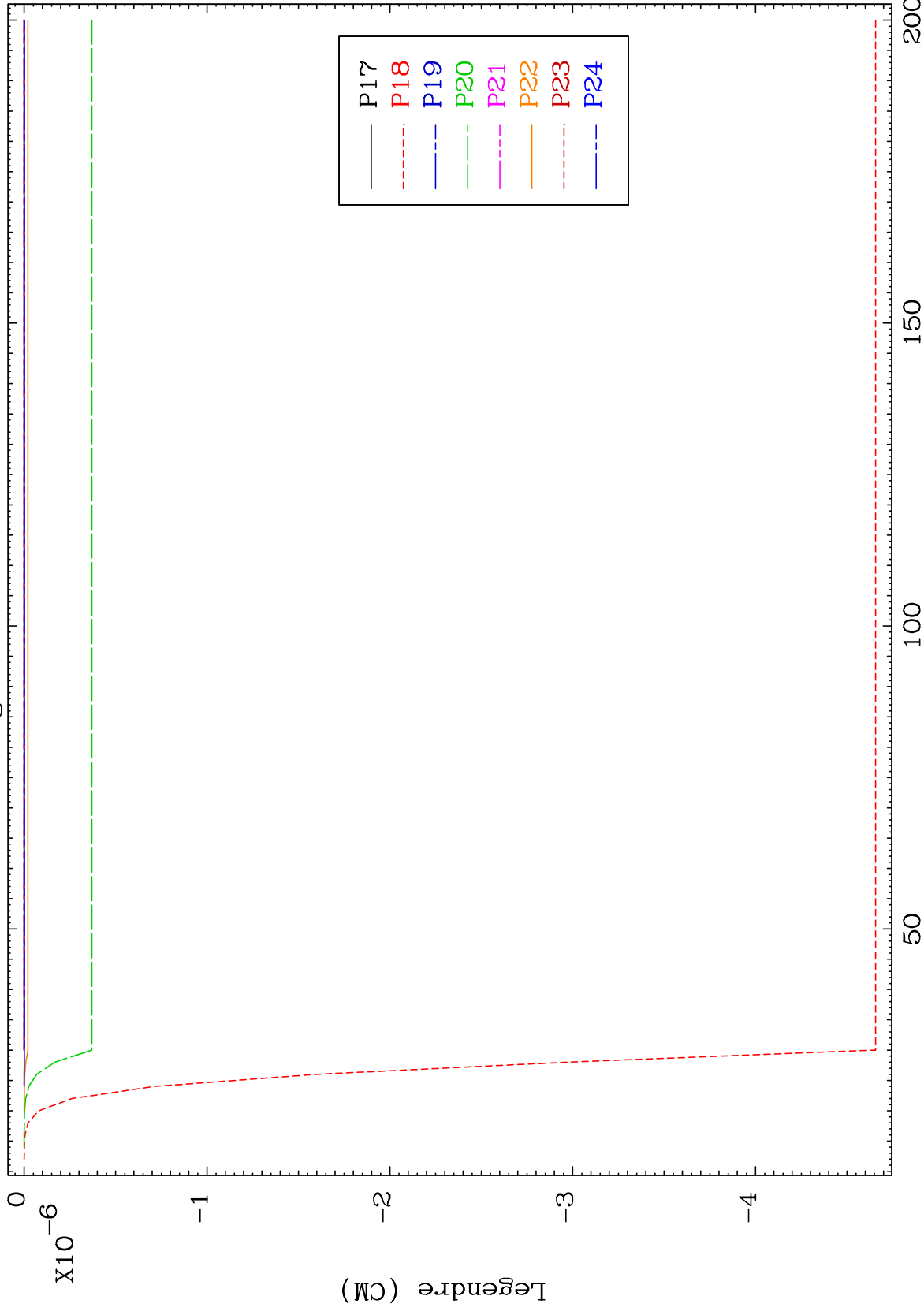
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



42

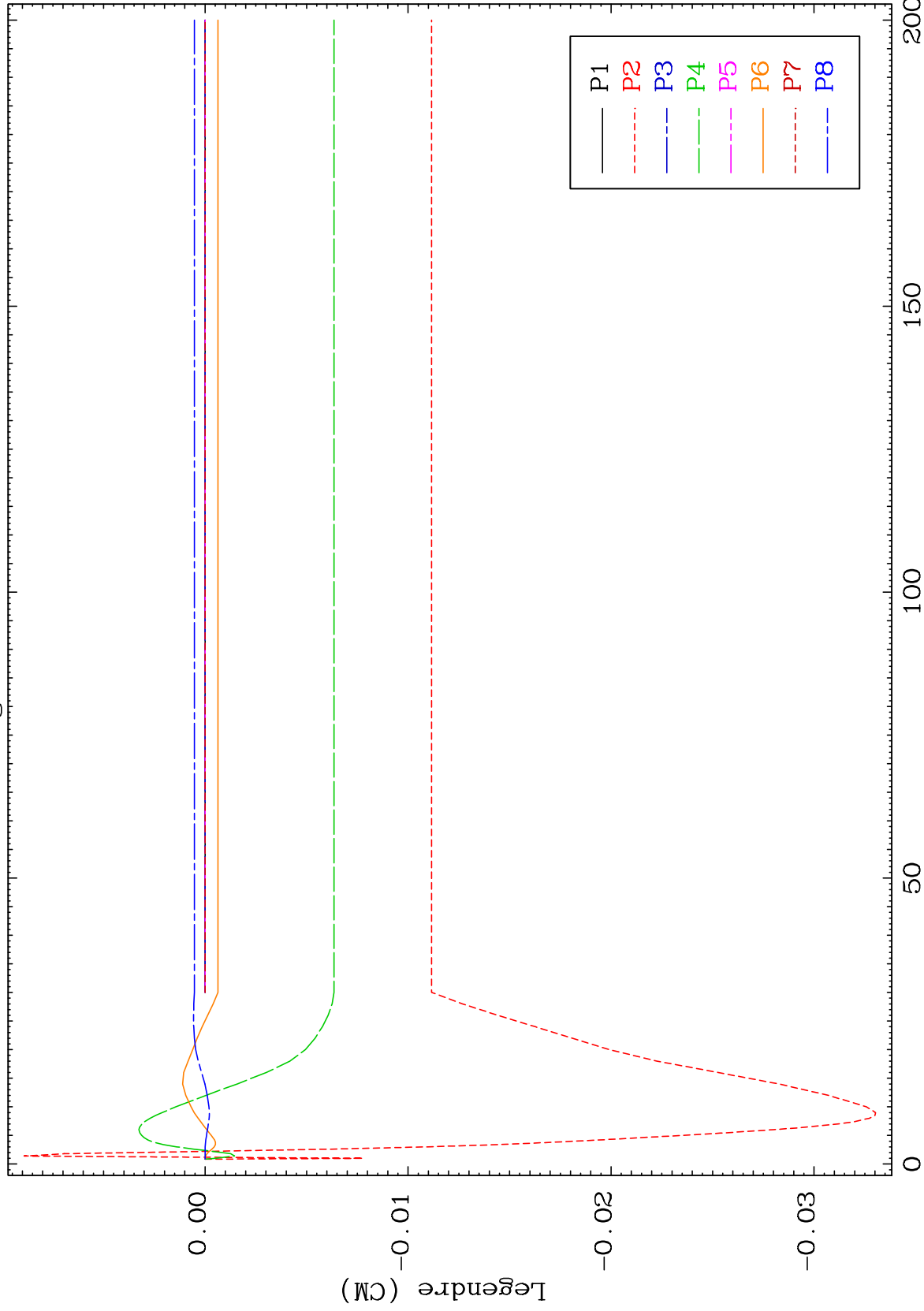
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136

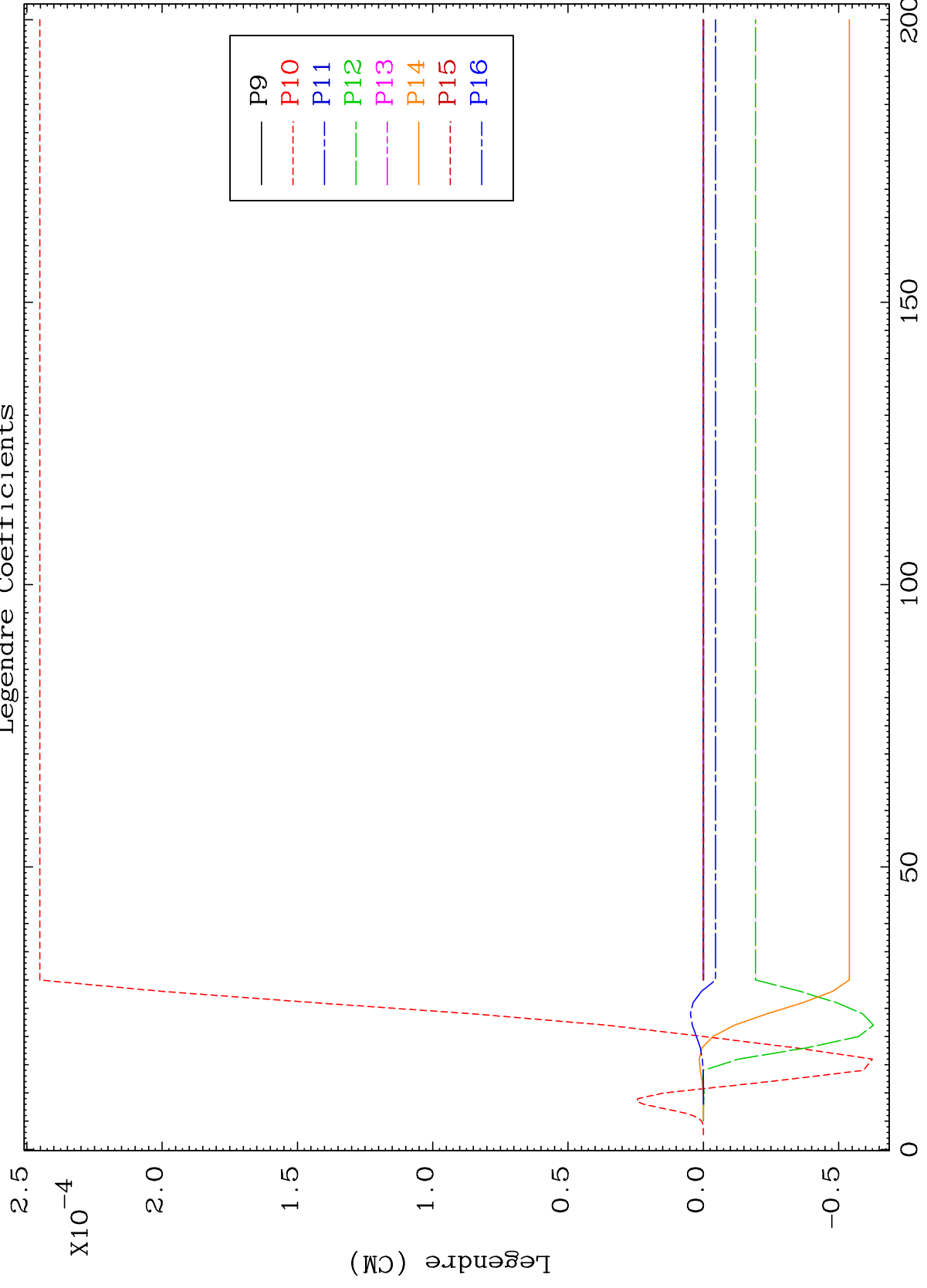


43

Incident Energy (MeV)

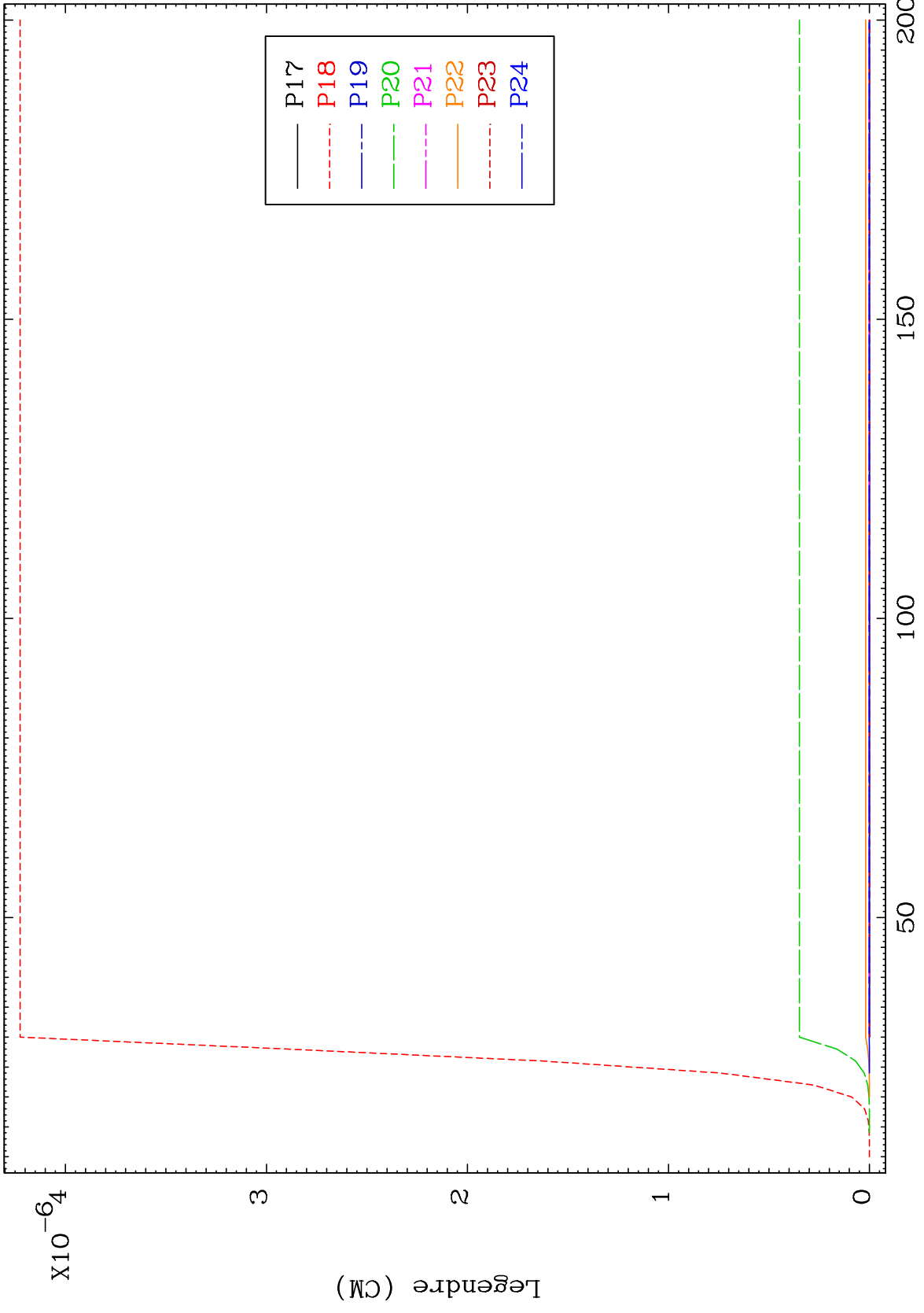
55-Cs-136

MAT 5534 MT= 58 (n,n') Level Legendre Coefficients 55-Cs-136



44 55-Cs-136

MAT 5534 MT= 58 (n,n') Level Legendre Coefficients 55-Cs-136

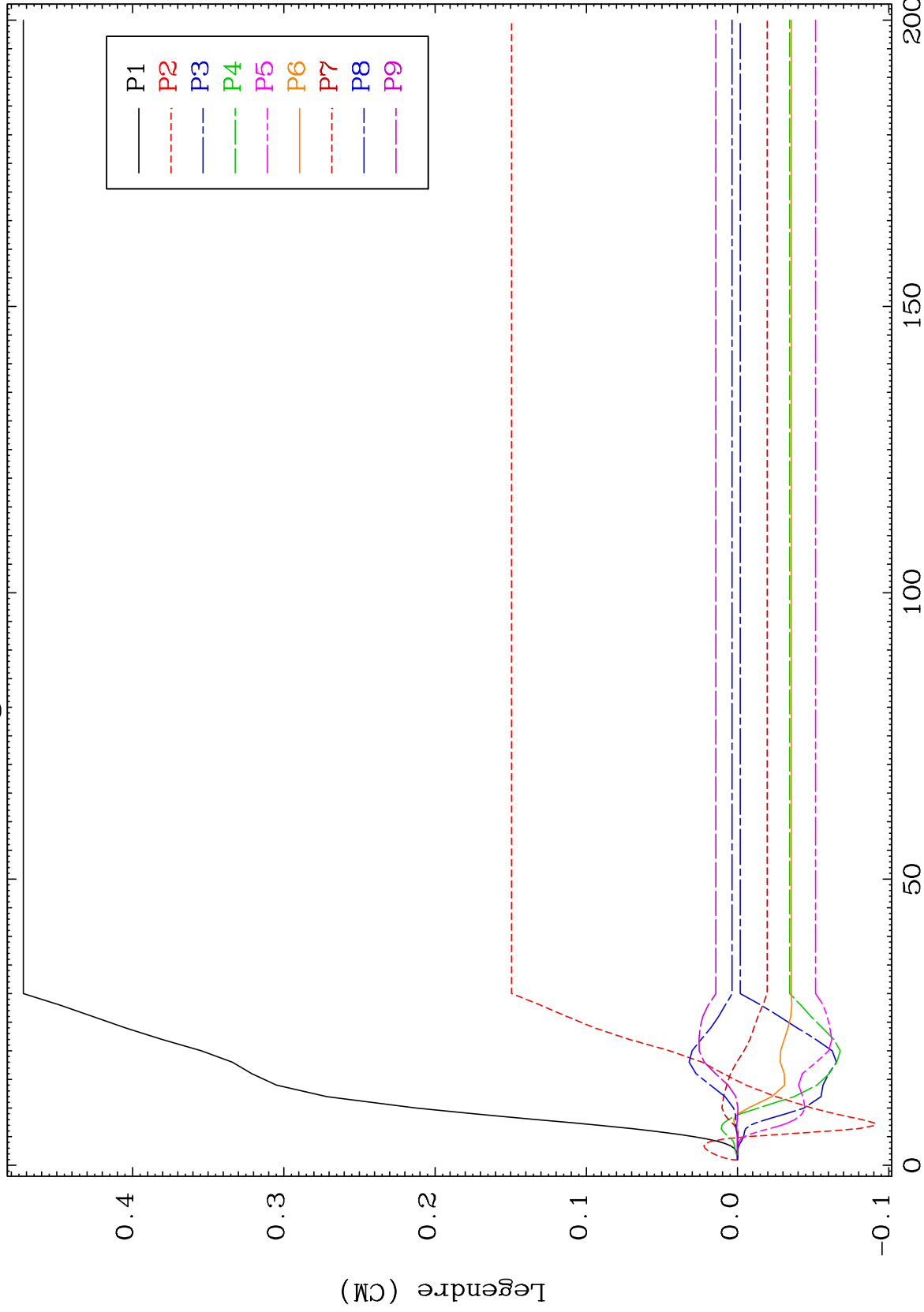


45 50 100 150 200 Incident Energy (MeV) 55-Cs-136

MAT 5534

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

55-Cs-136



46

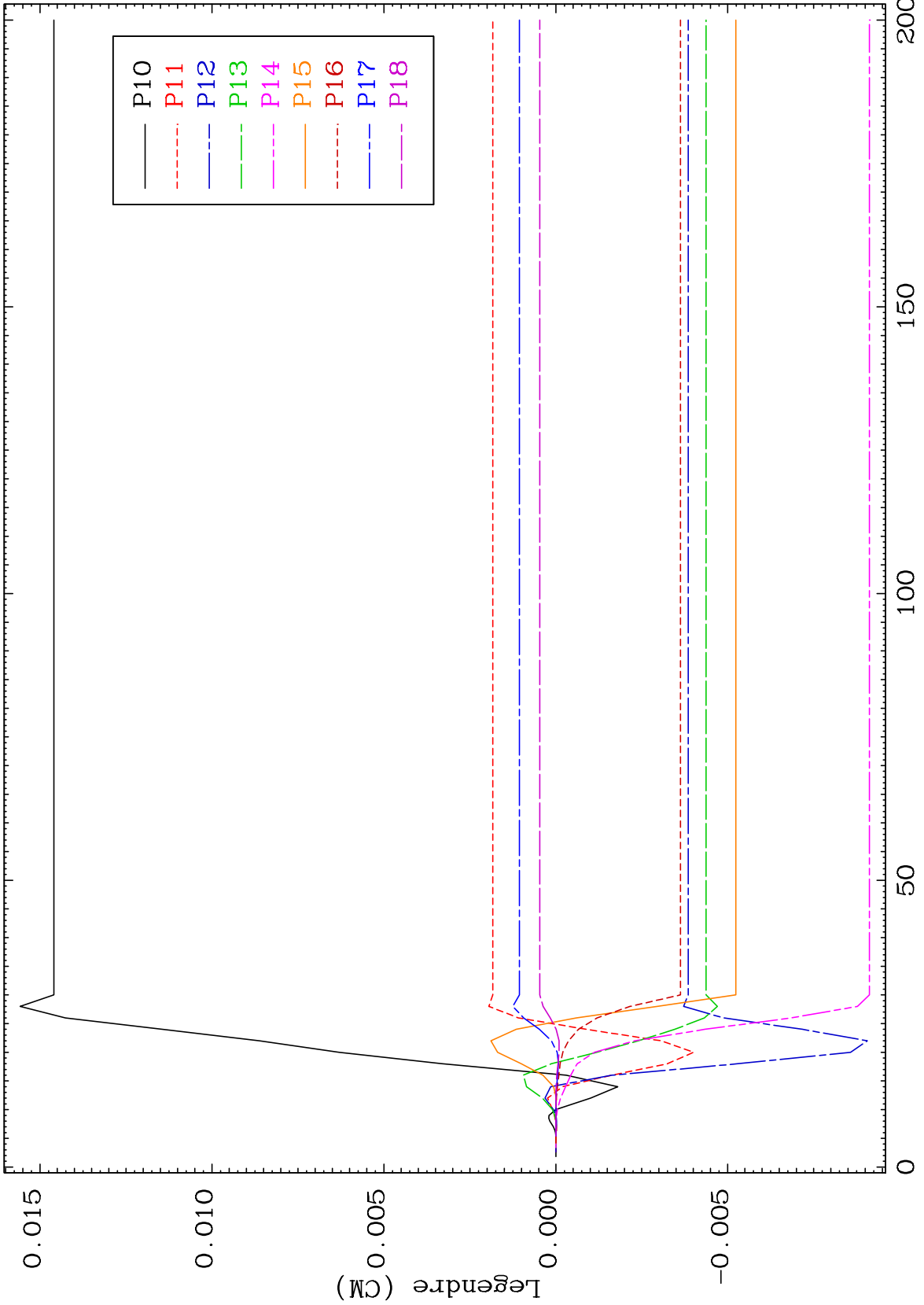
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



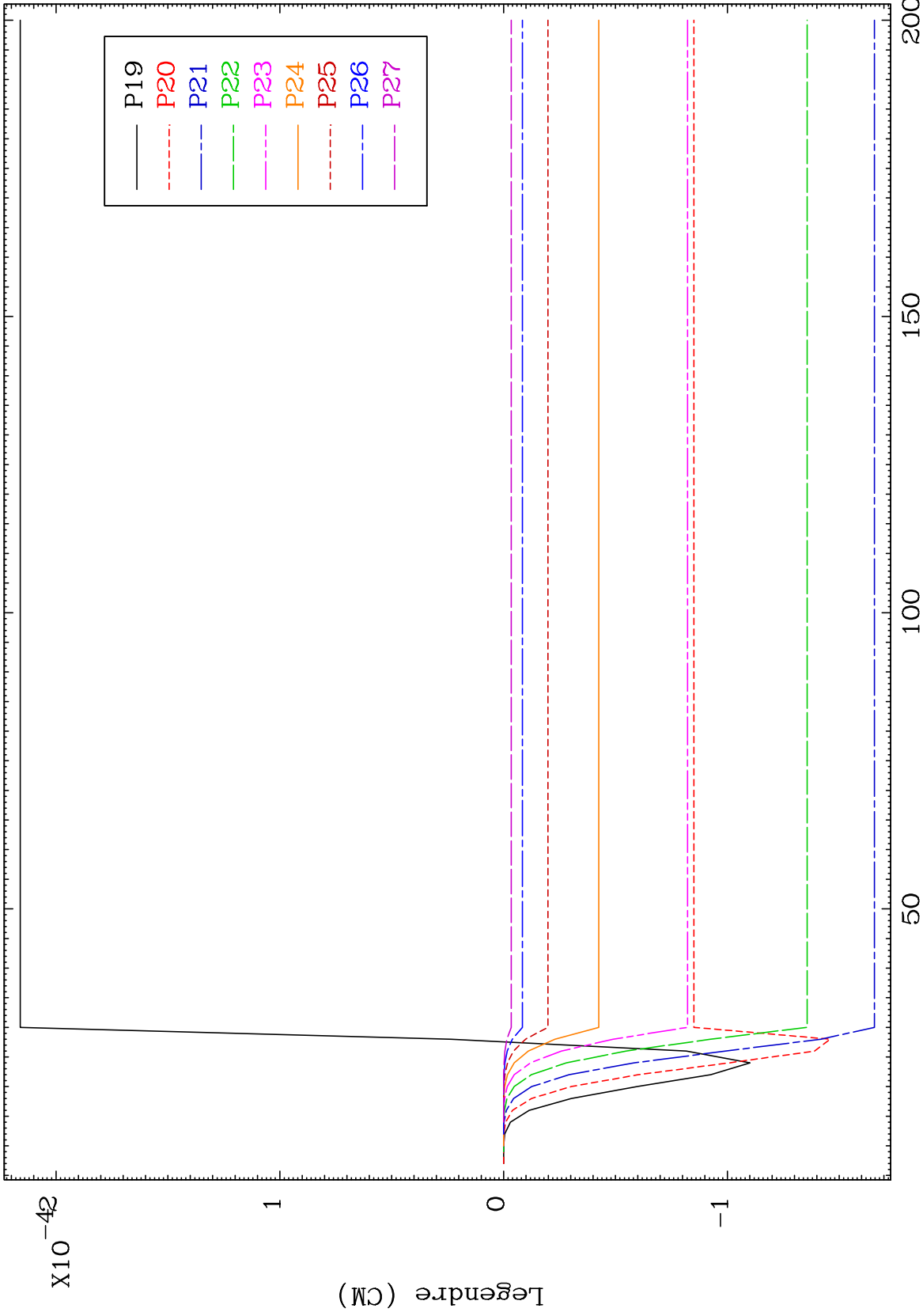
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55-Cs-136

MAT 5534

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

55-Cs-136



48

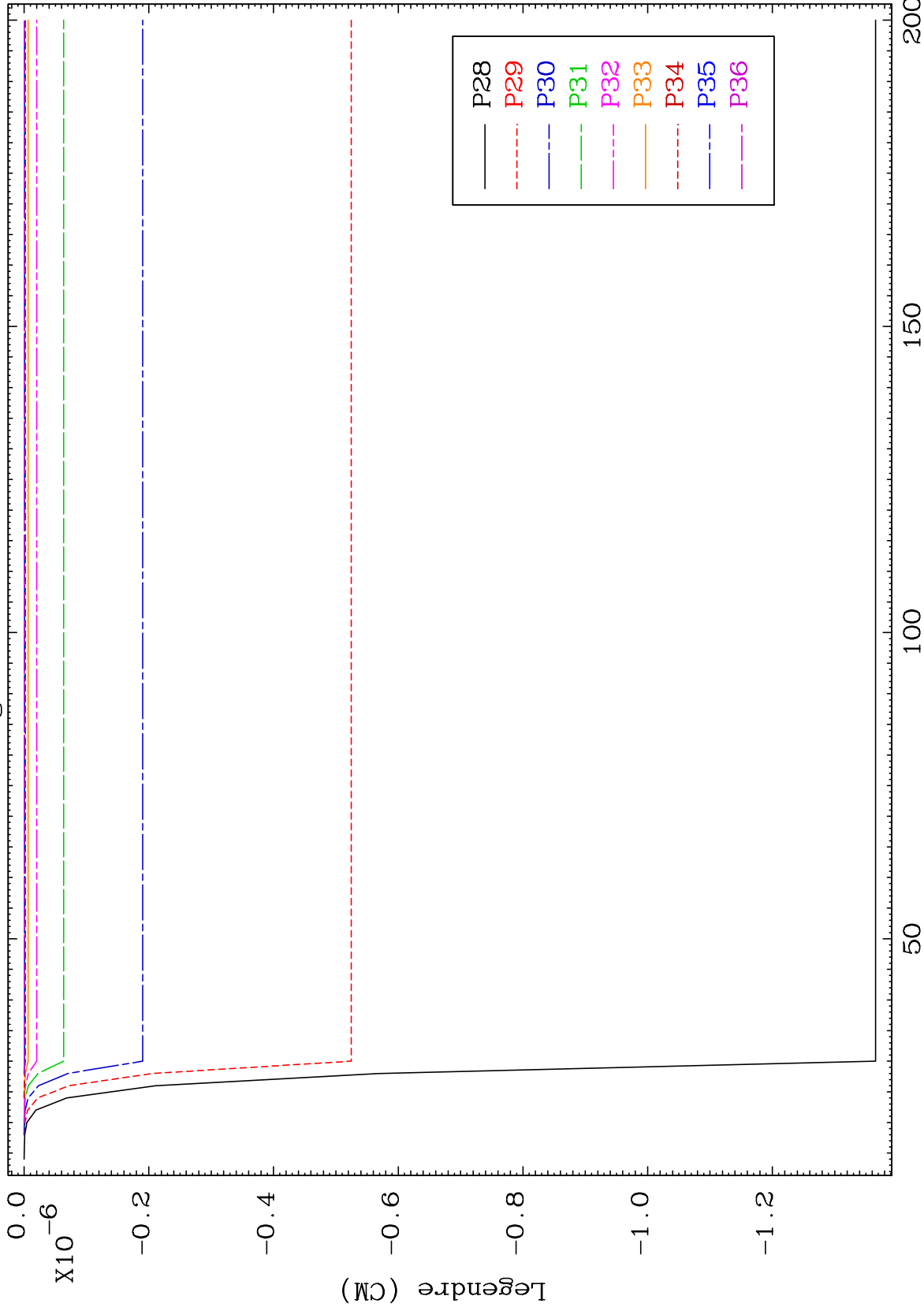
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



49

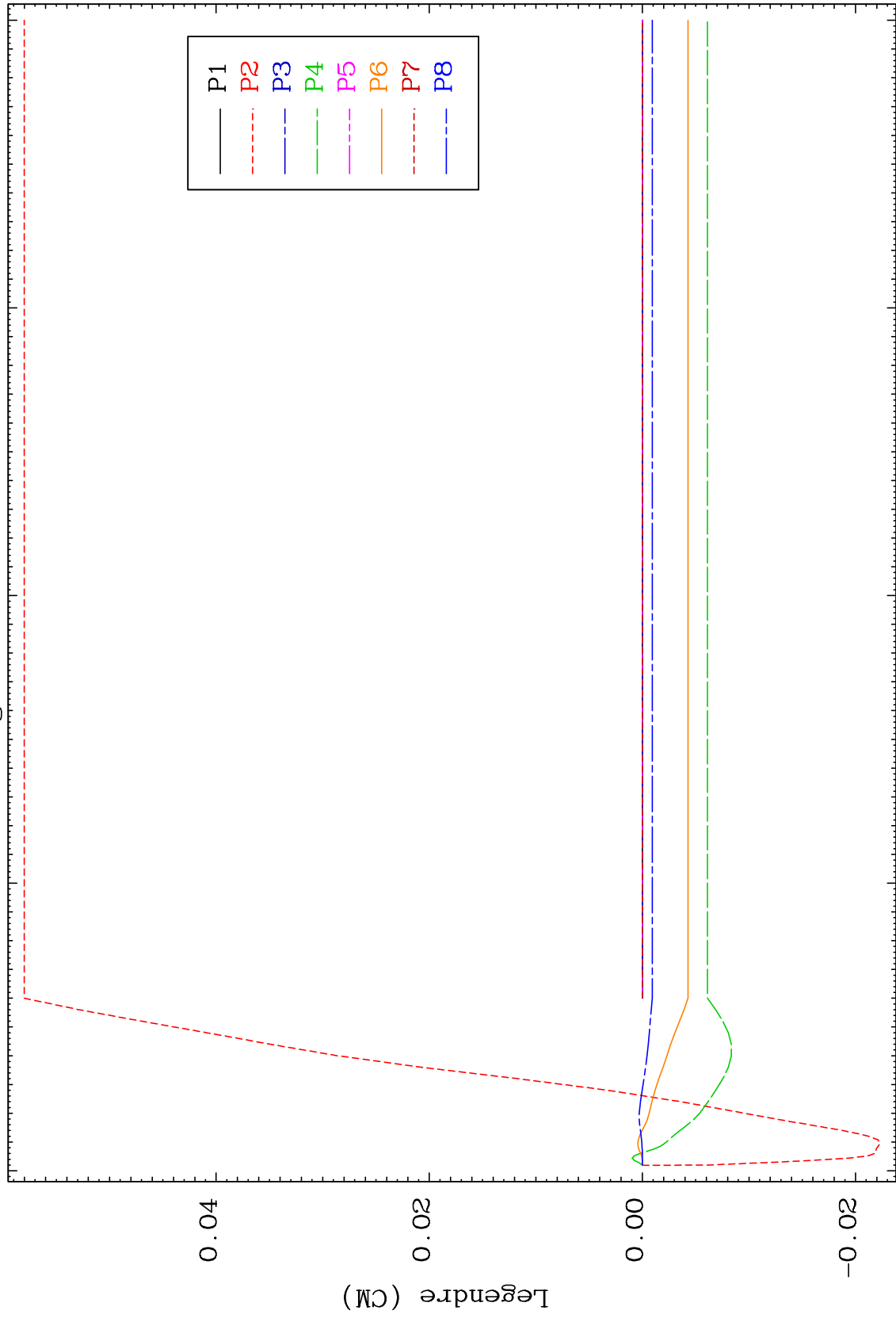
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



55-Cs-136

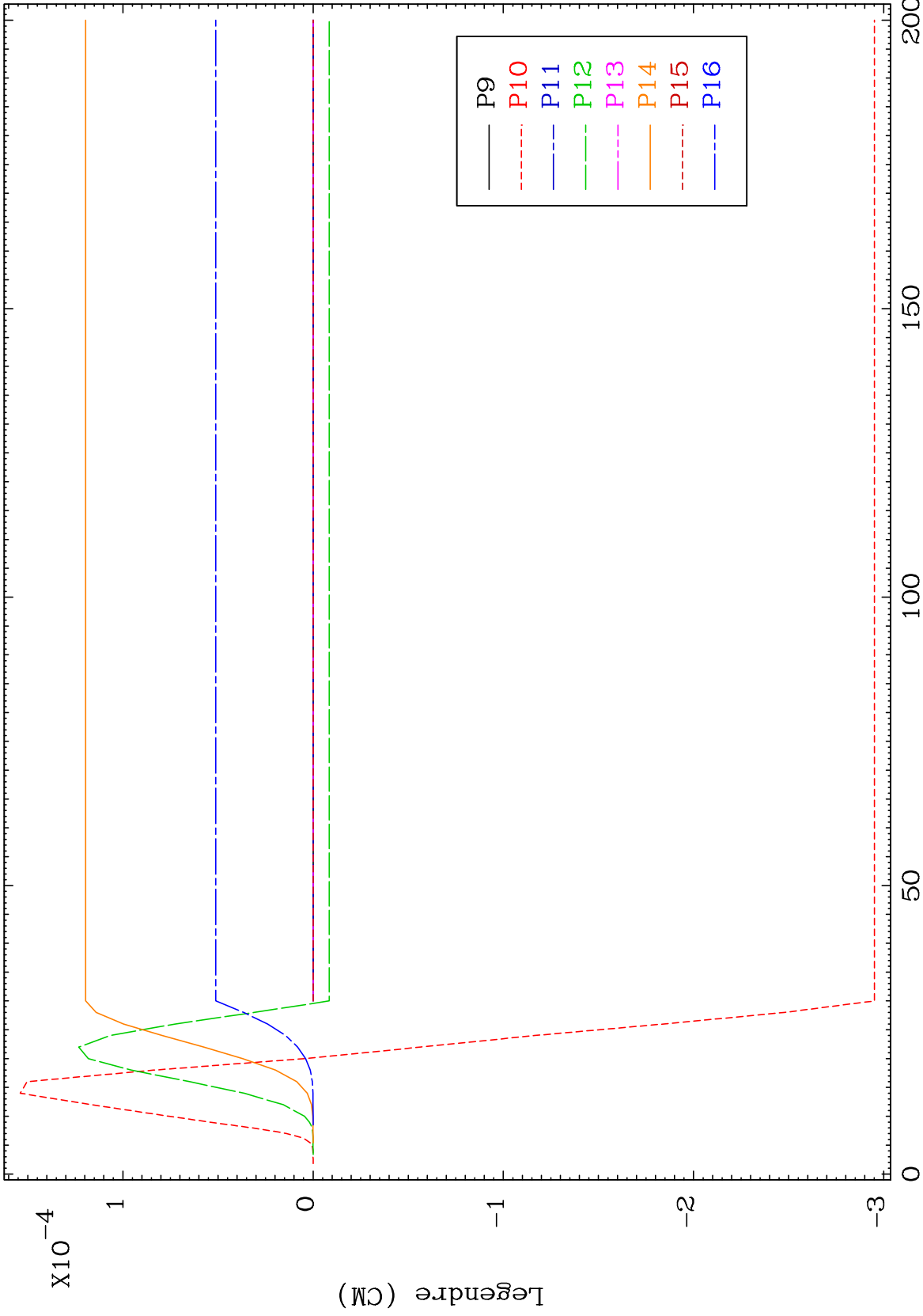
Incident Energy (MeV)

50

MAT 5534

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

55-Cs-136

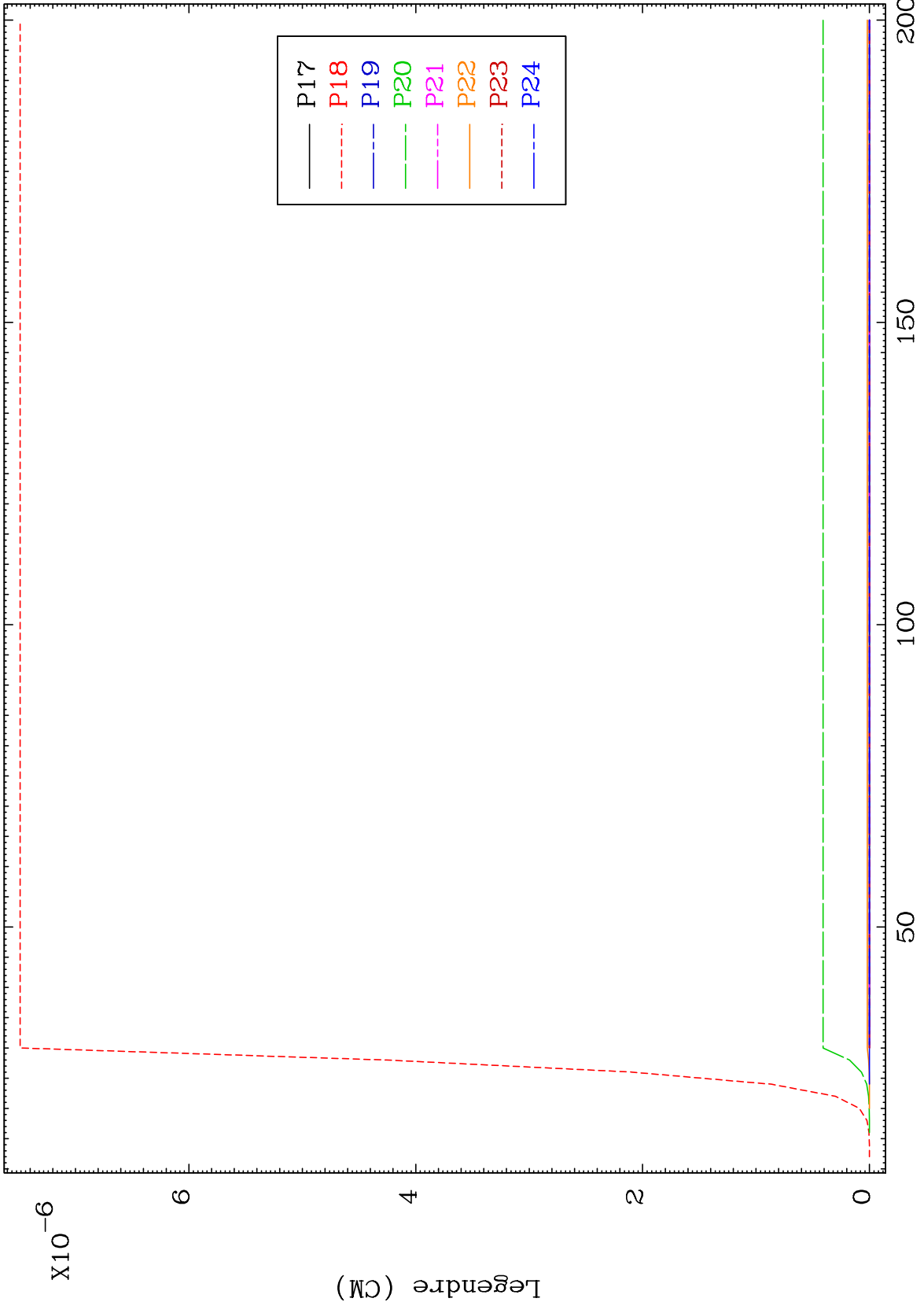


51

Incident Energy (MeV)

55-Cs-136

MAT 5534 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-136

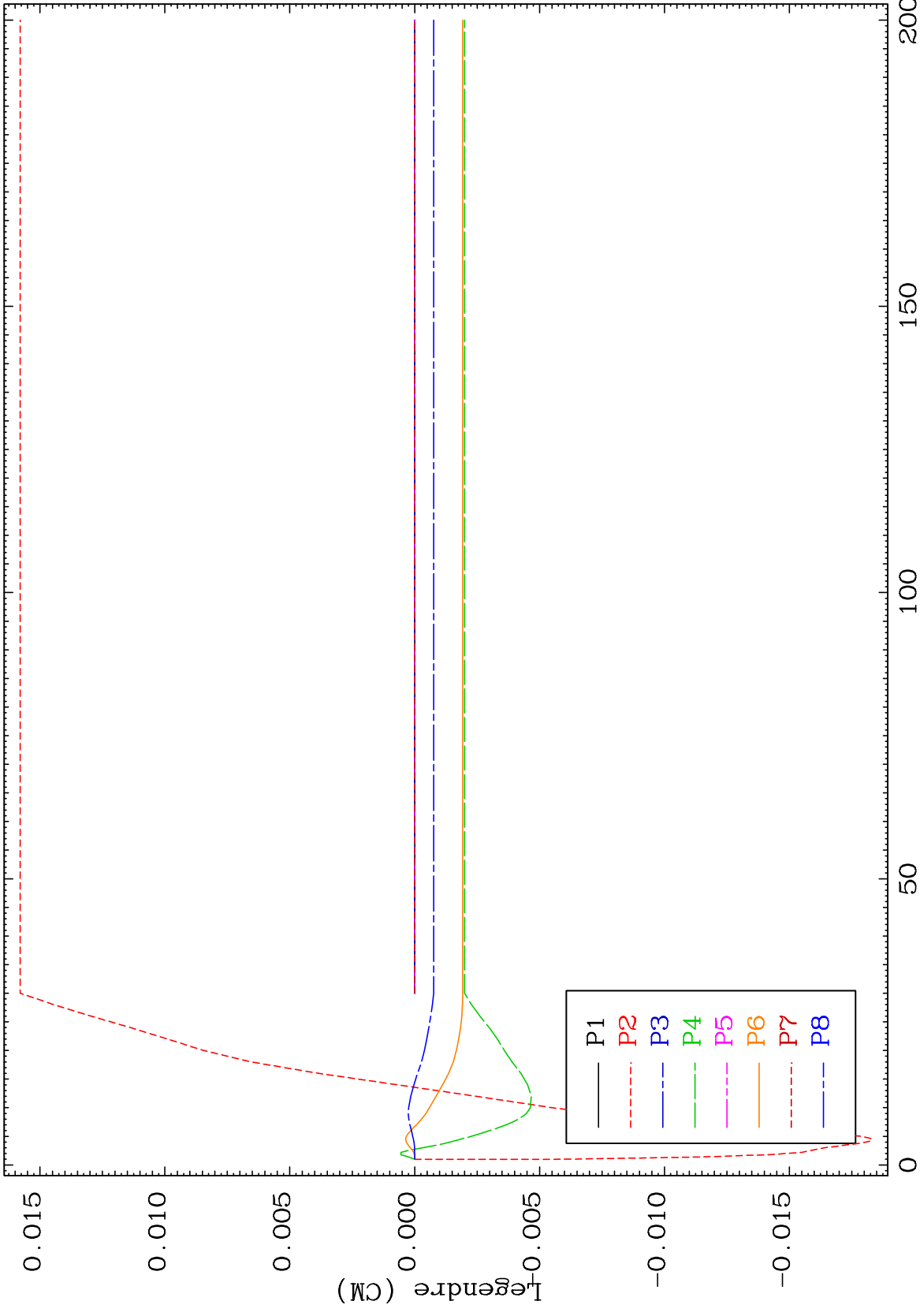


52 Incident Energy (MeV) 55-Cs-136

MAT 5534

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

55-Cs-136

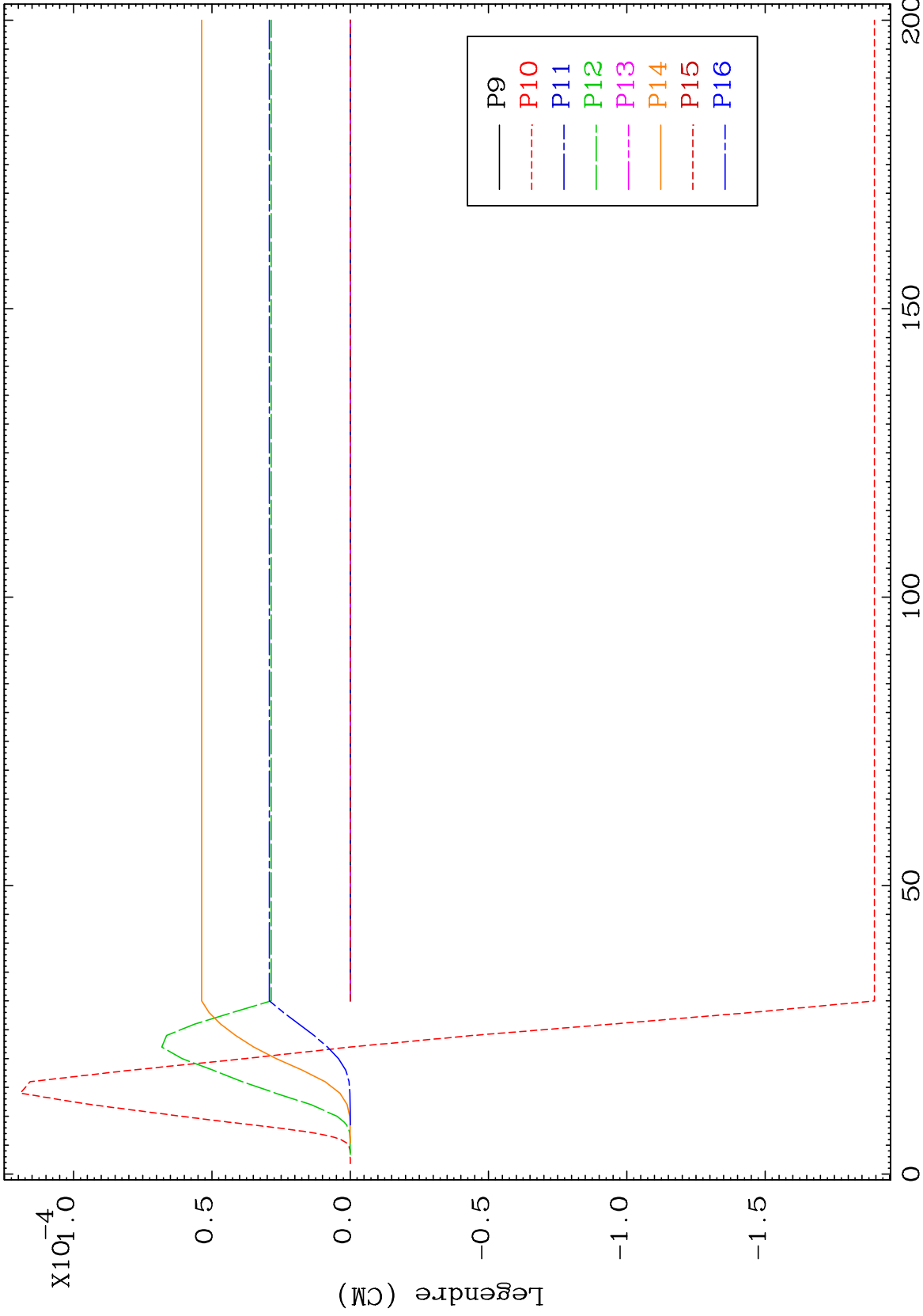


53

MAT 5534

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

55-Cs-136

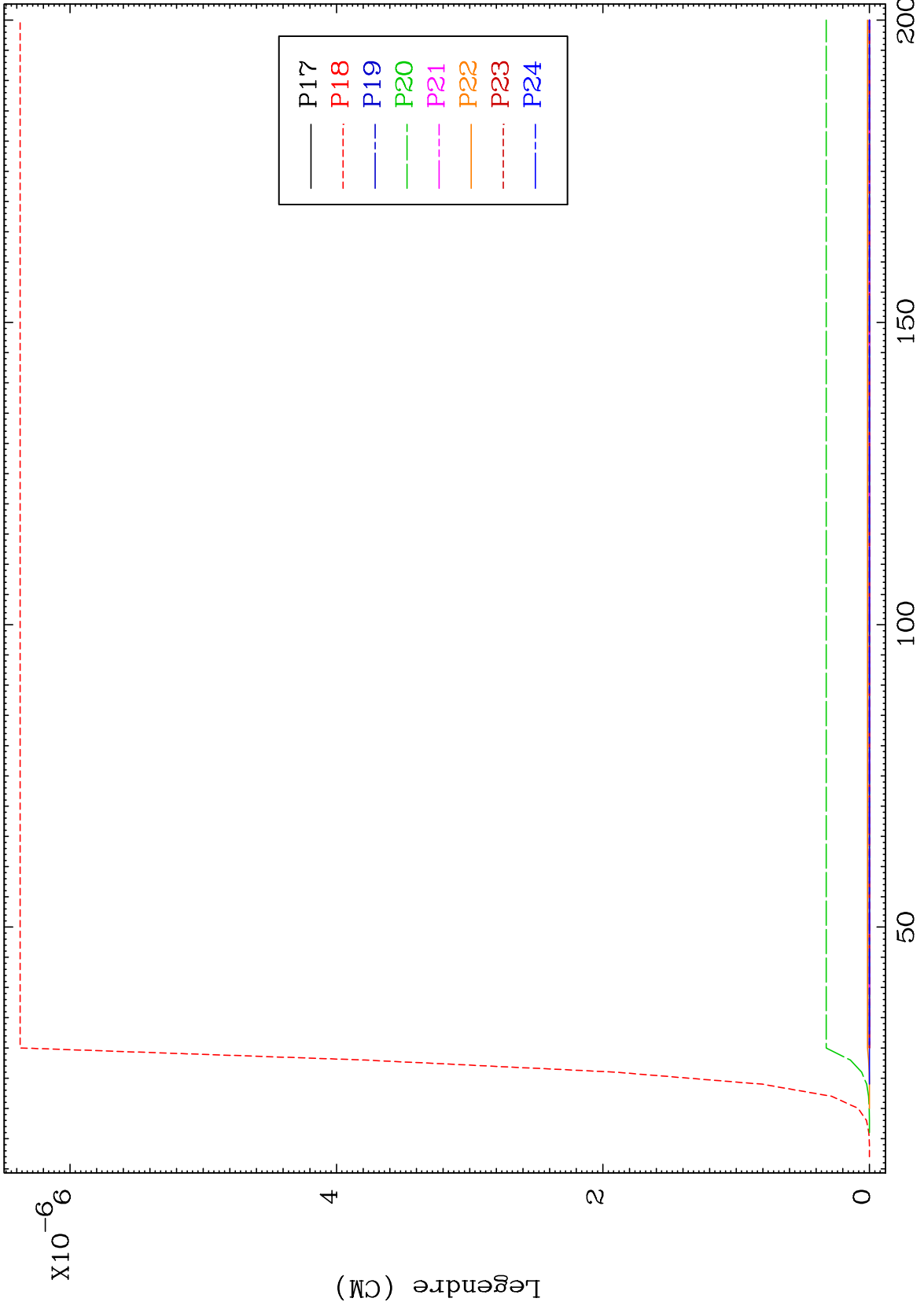


54

Incident Energy (MeV)

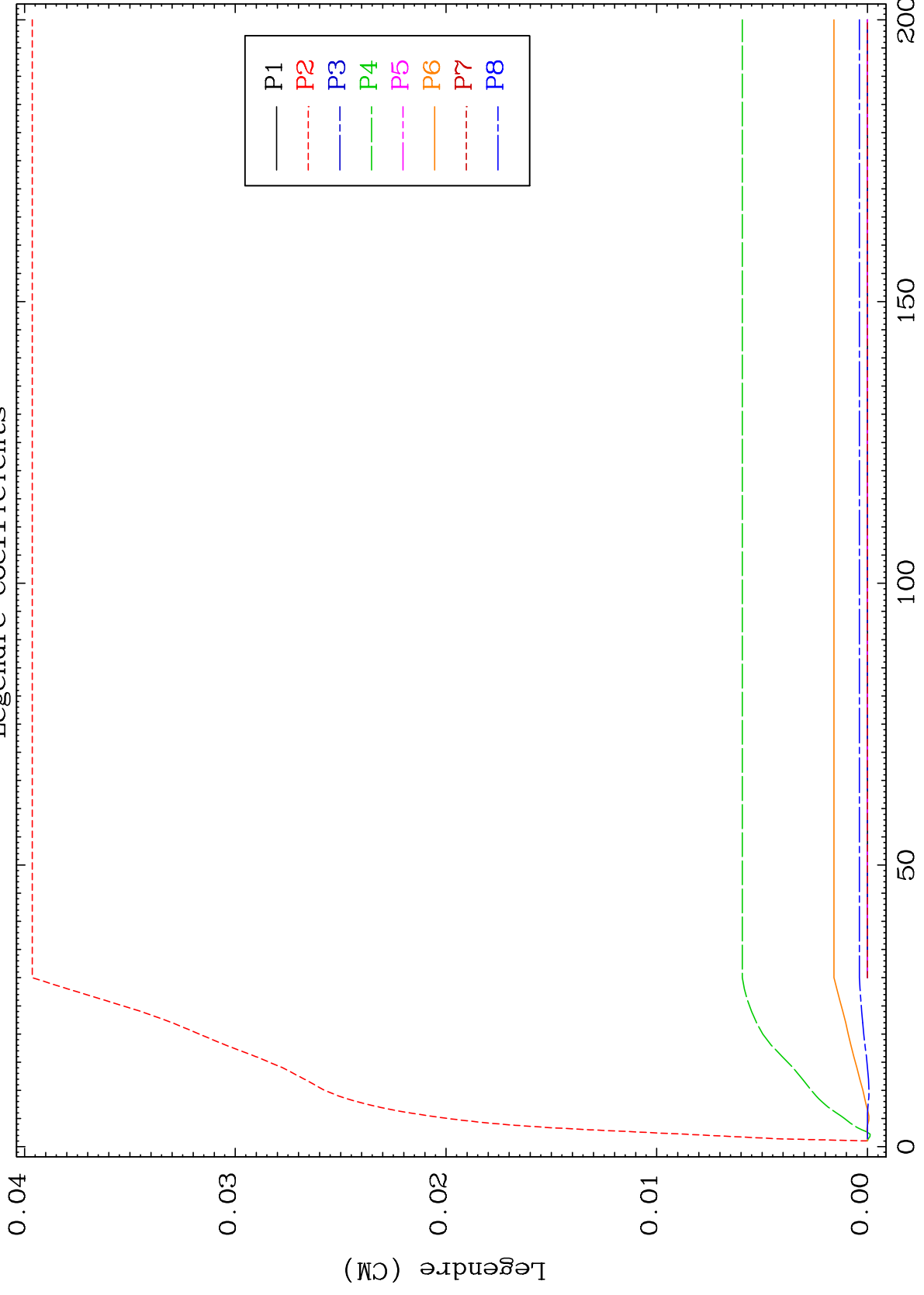
55-Cs-136

MAT 5534 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-136



55-Cs-136

MAT 5534 MT= 62 (n,n') Level Legendre Coefficients 55-Cs-136

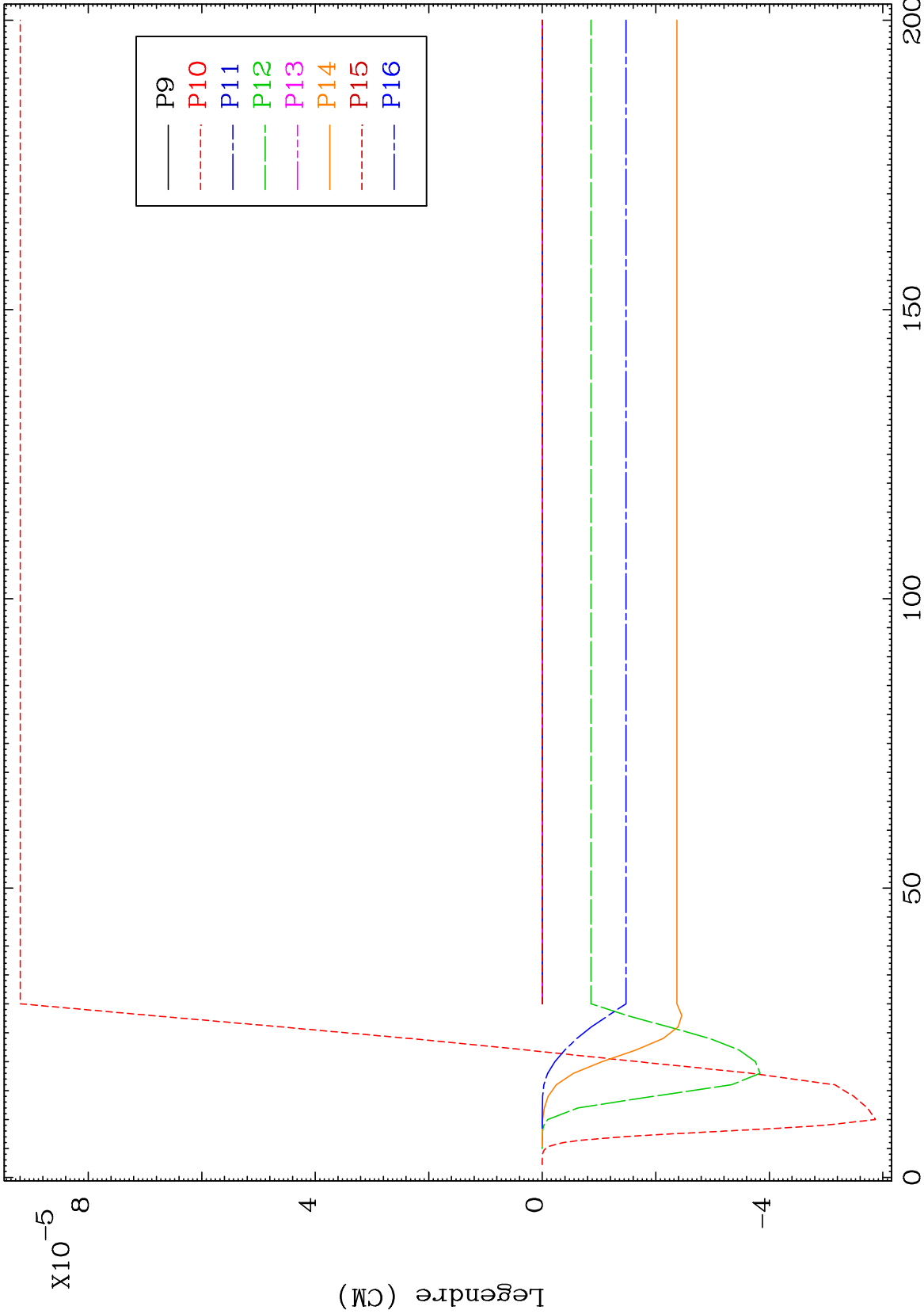


56 55-Cs-136

MAT 5534

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

55-Cs-136



57

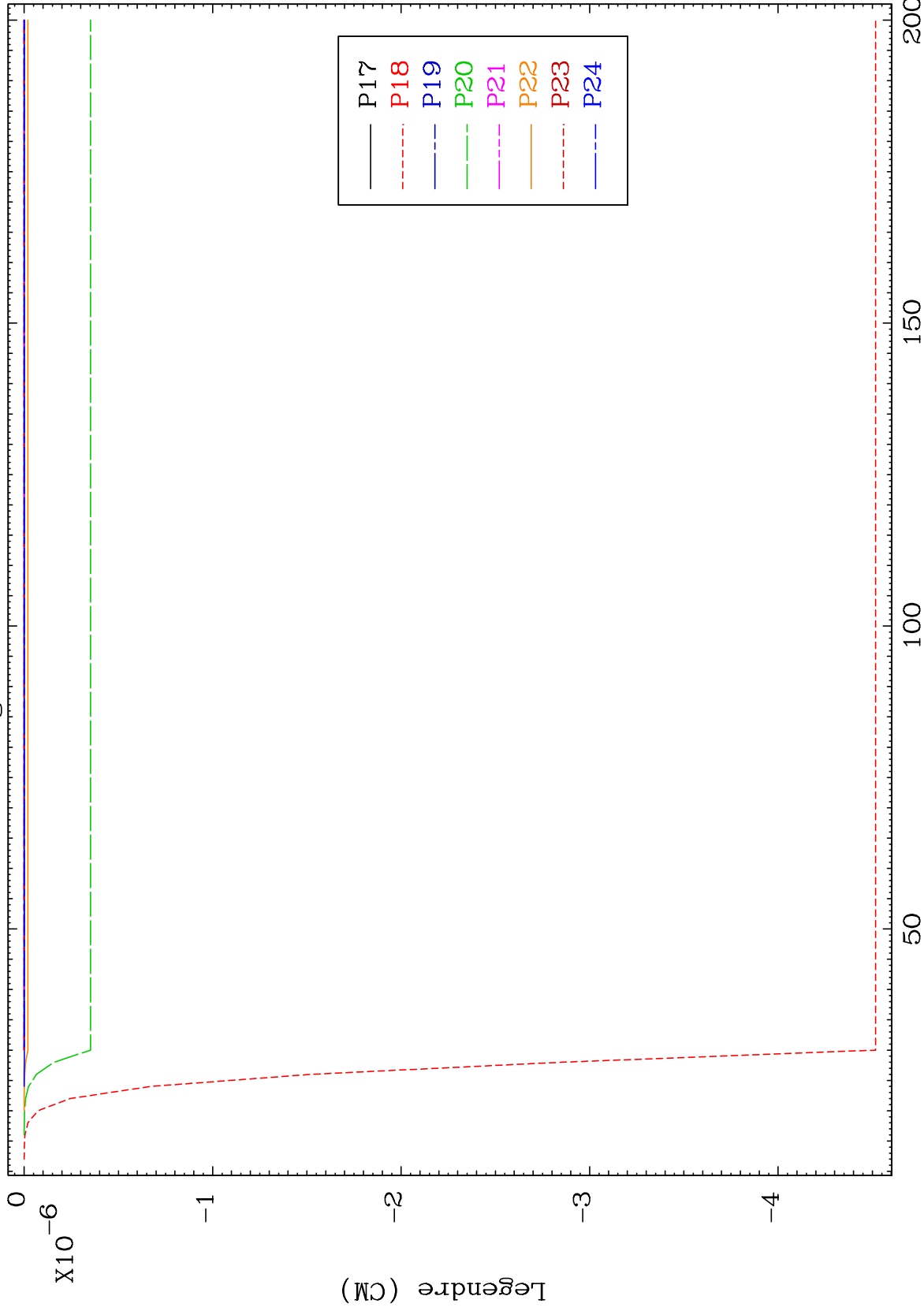
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



58

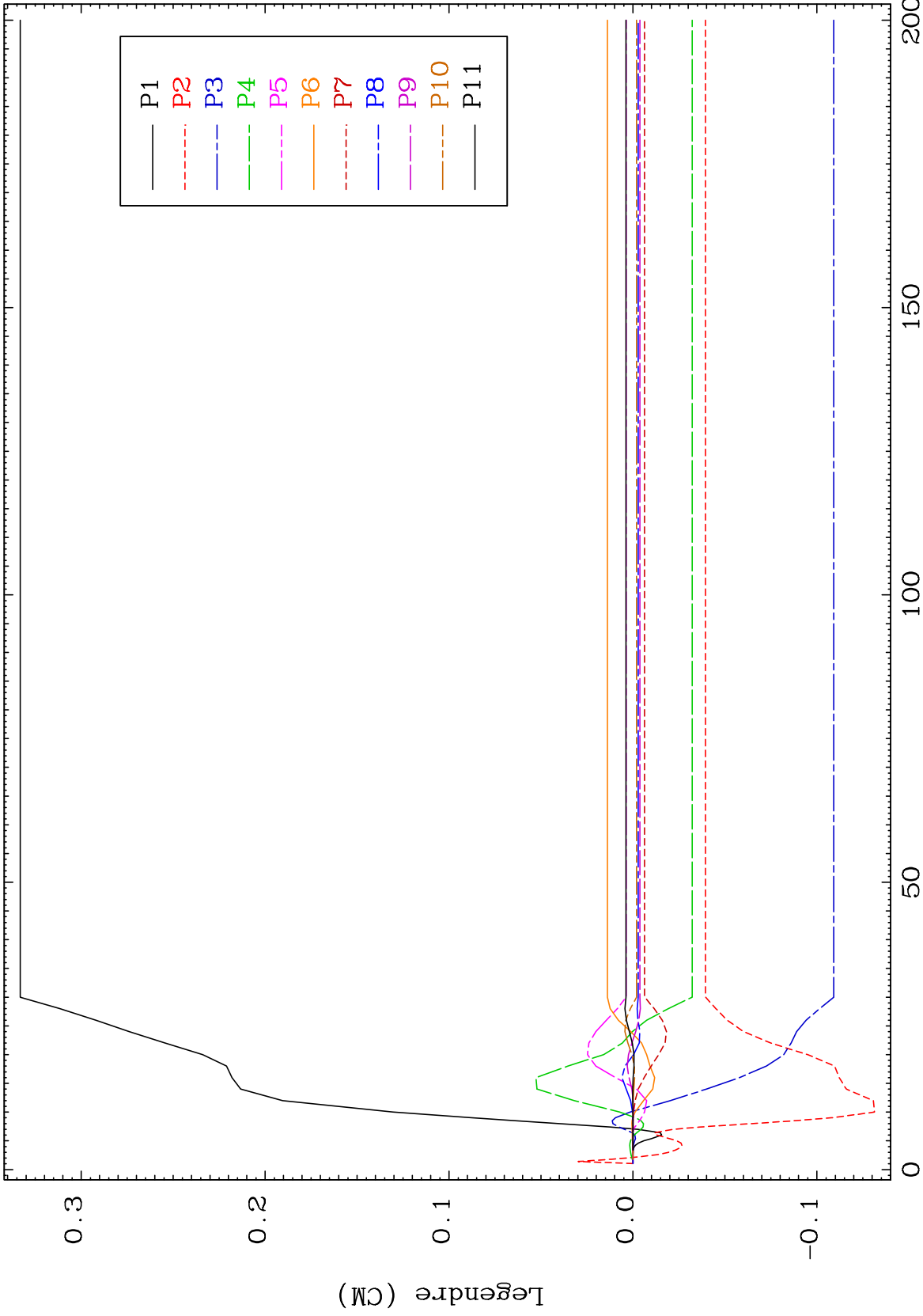
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



59

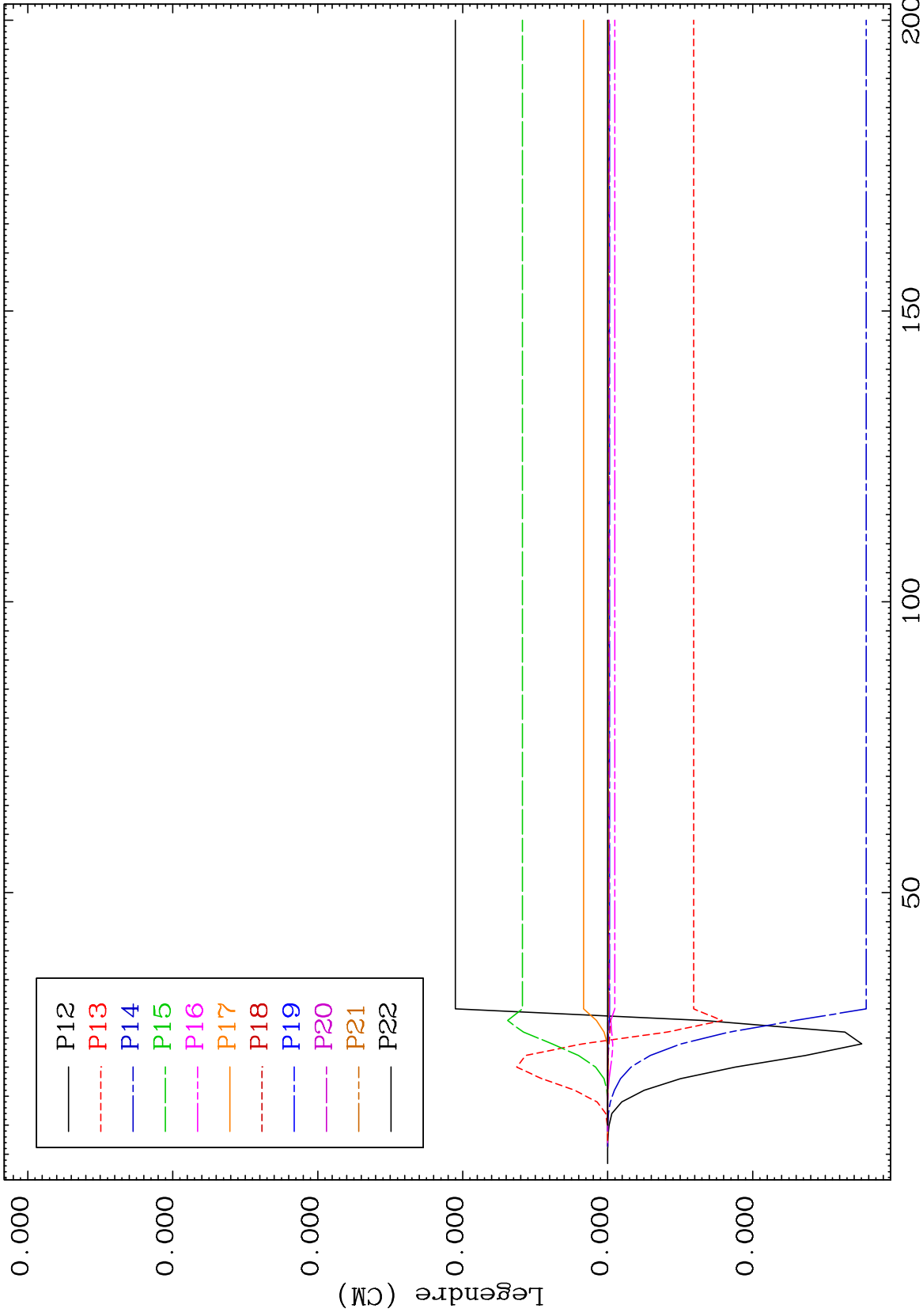
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



60

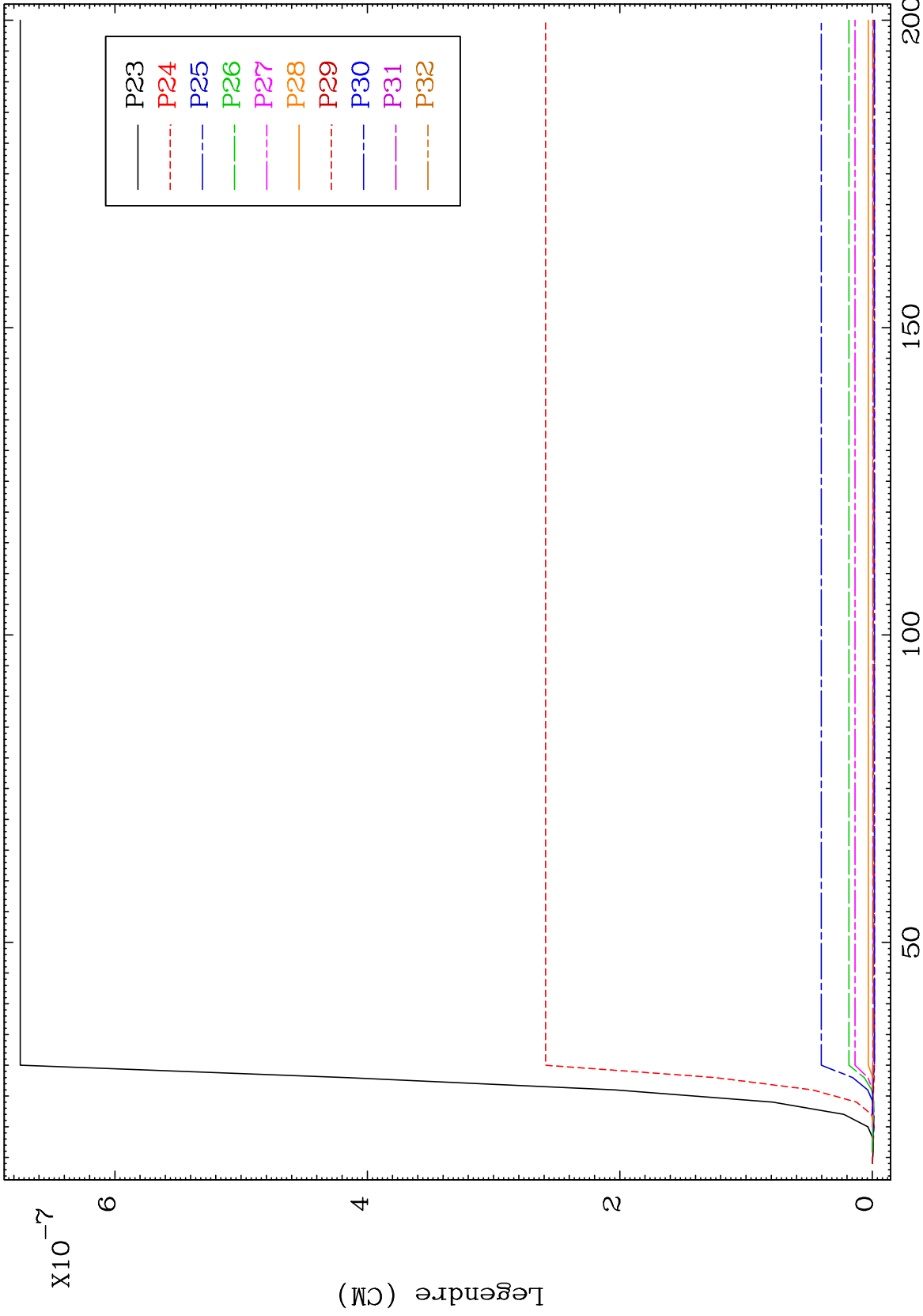
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



61

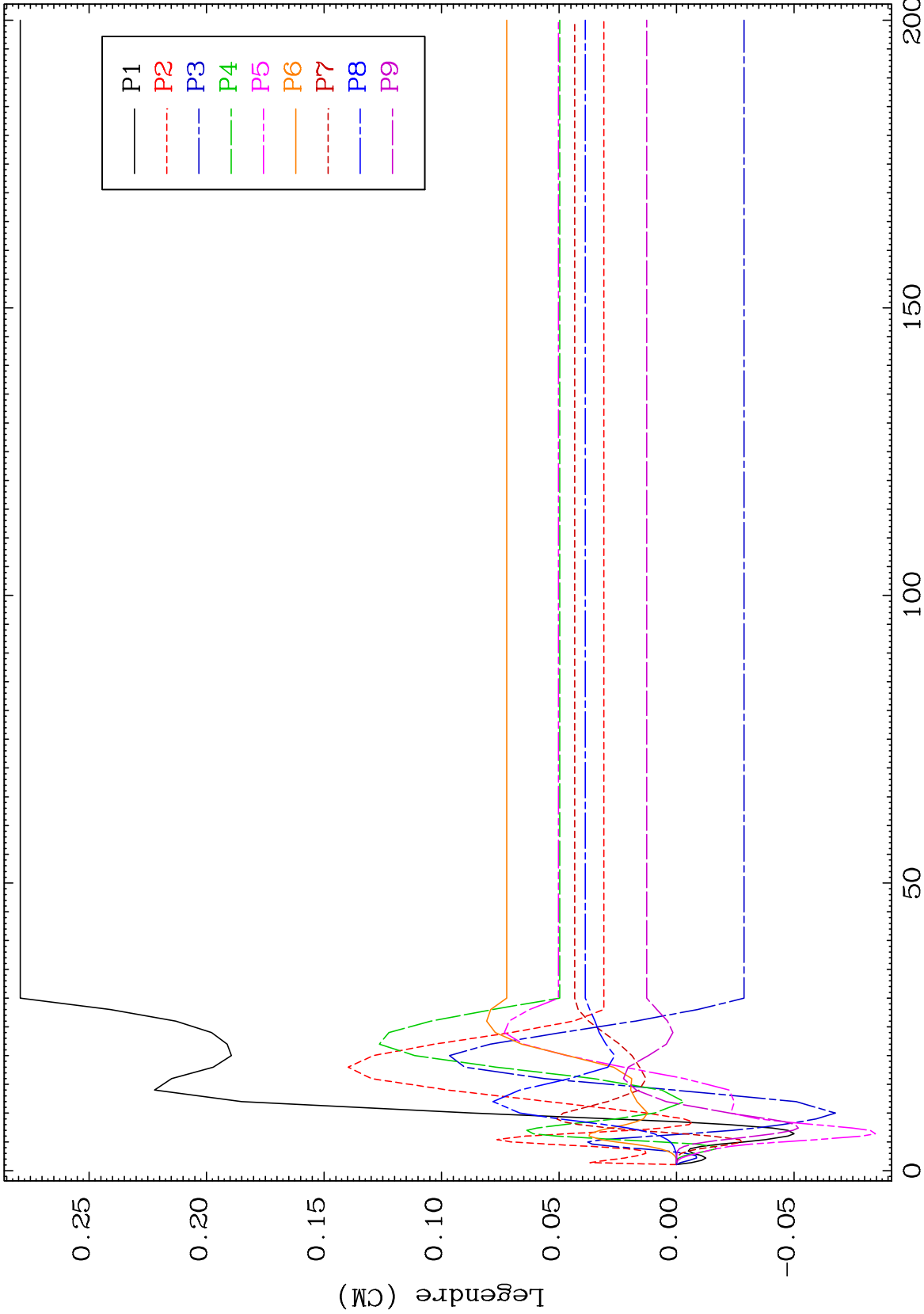
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



62

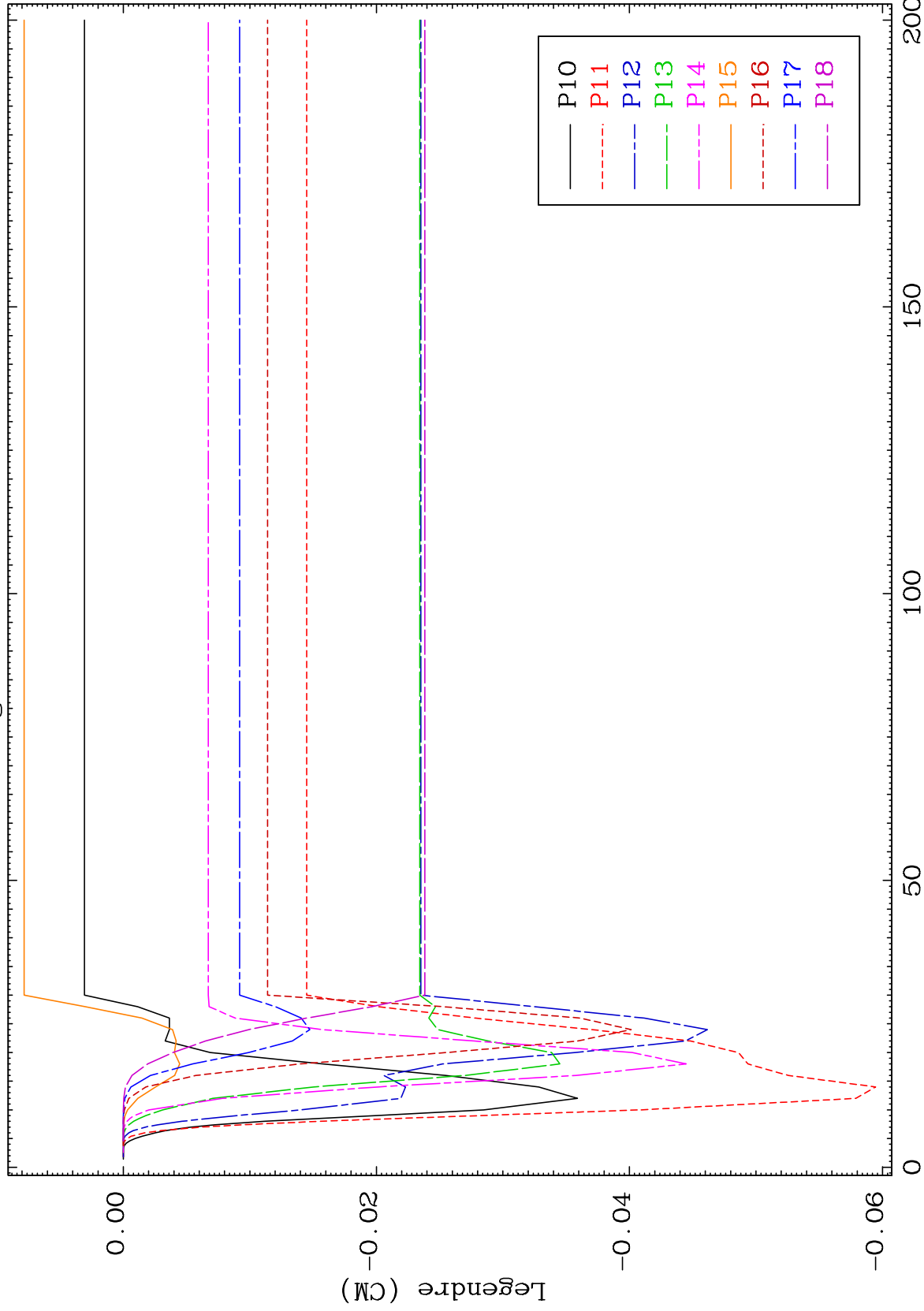
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



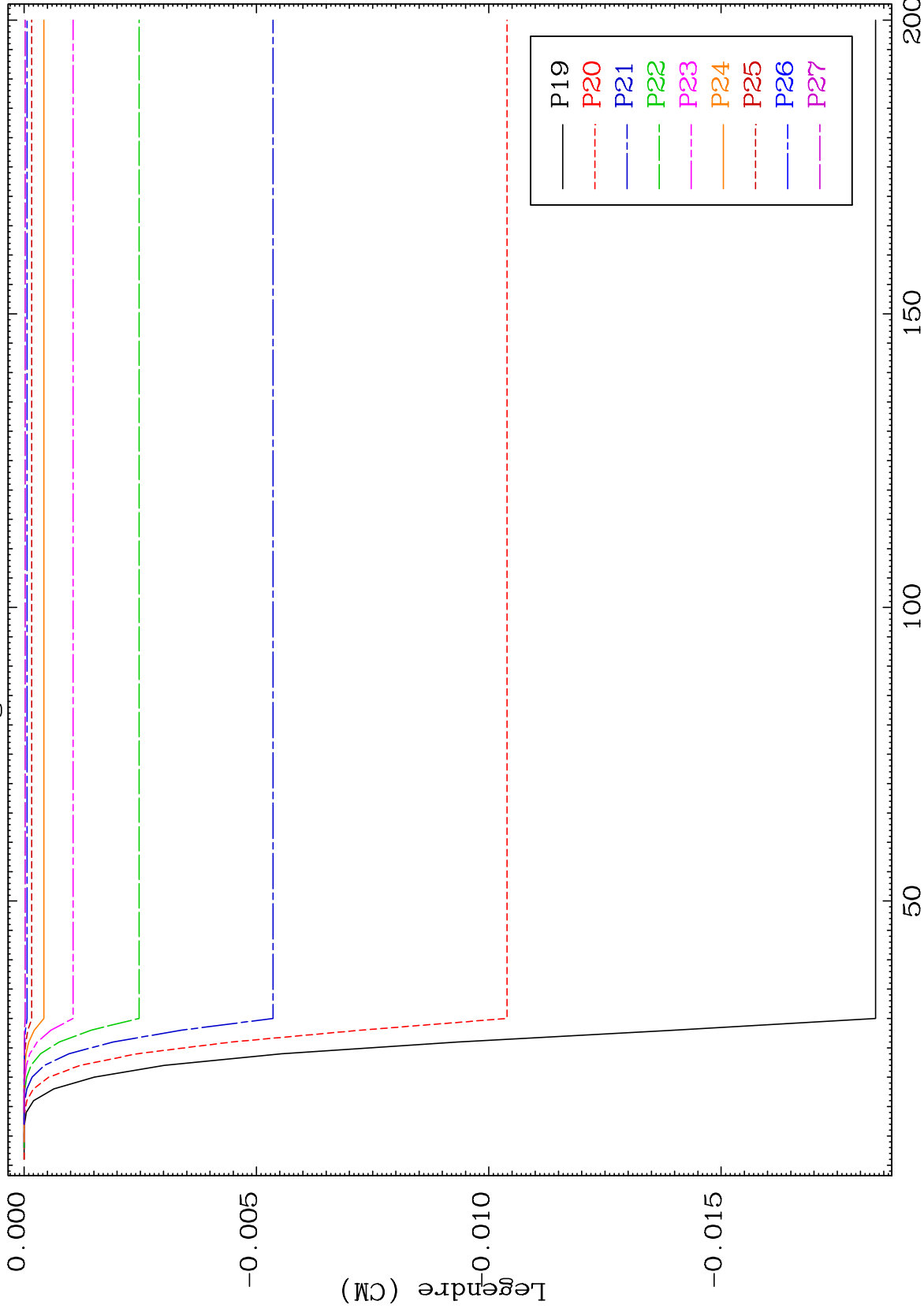
63

55-Cs-136

MAT 5534

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

55-Cs-136



55-Cs-136

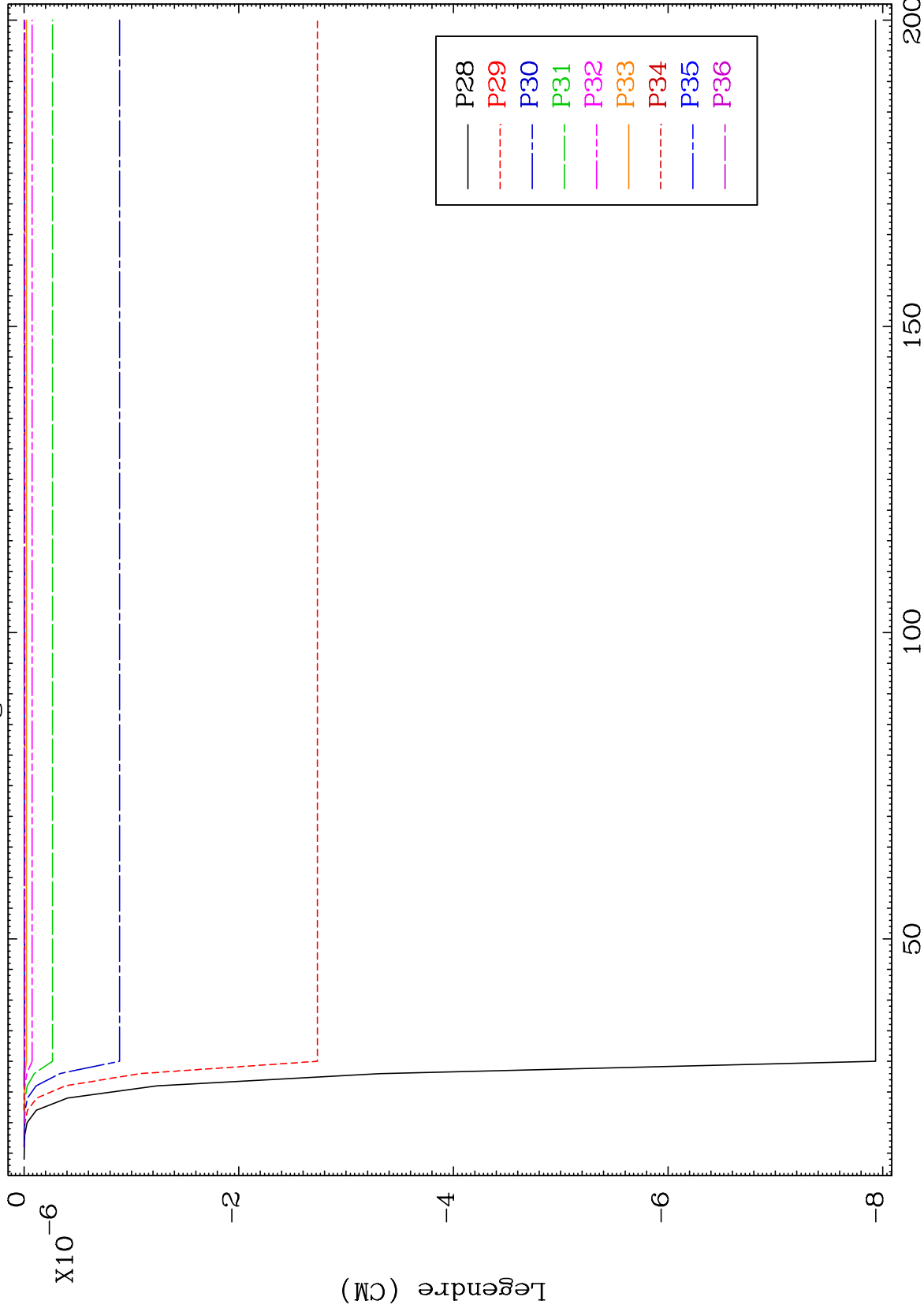
Incident Energy (MeV)

64

MAT 5534

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

55-Cs-136



65

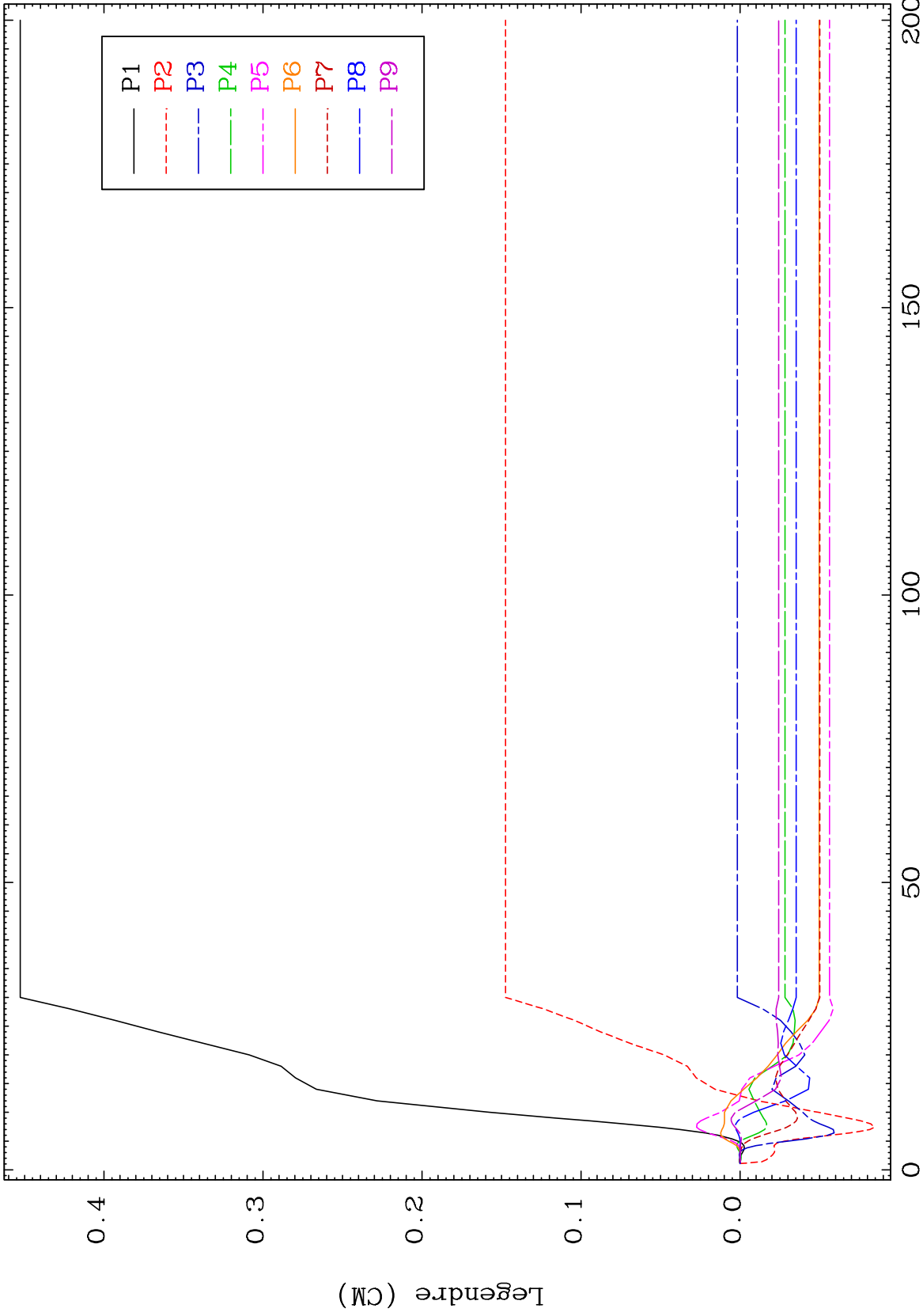
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



66

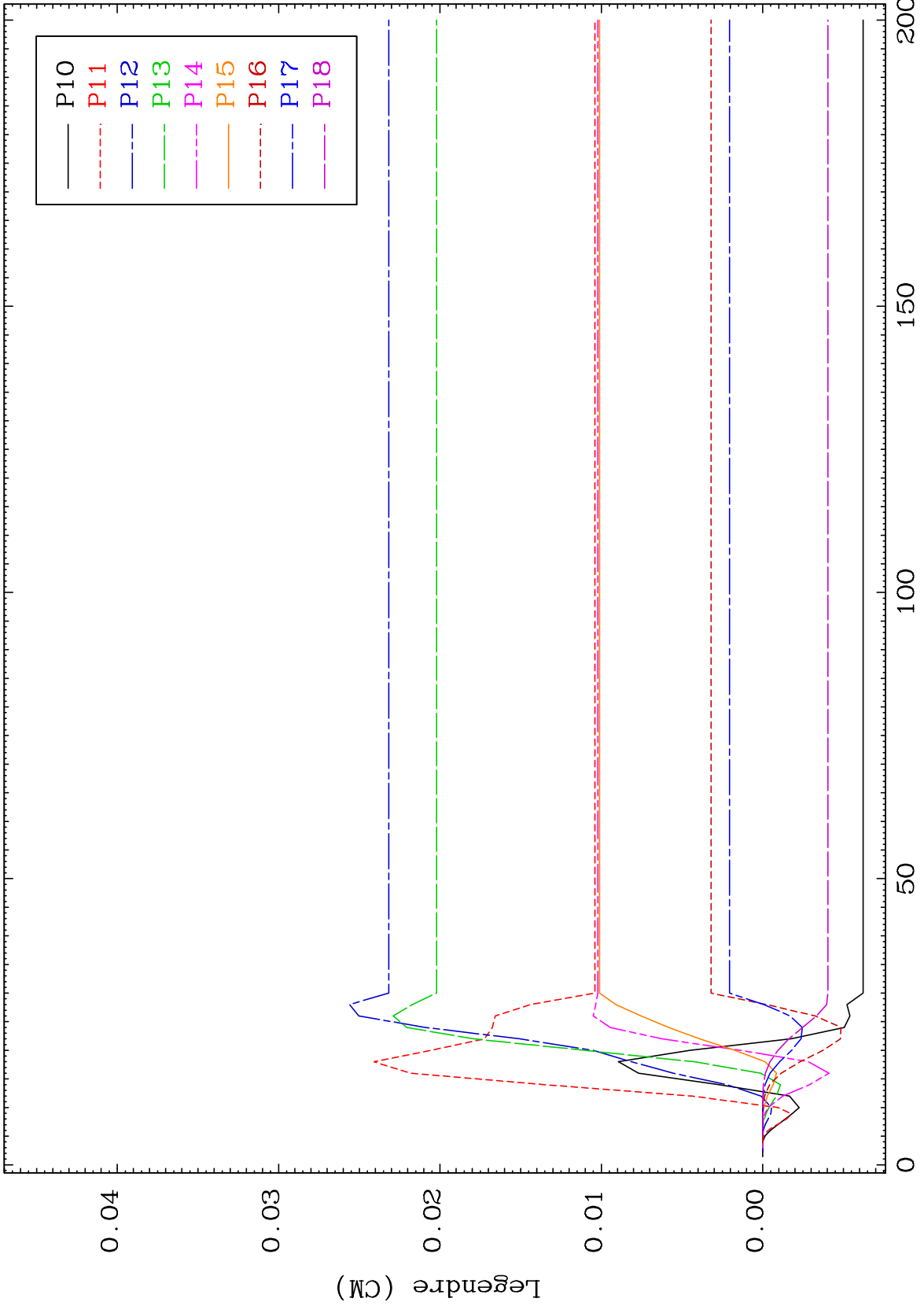
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



67

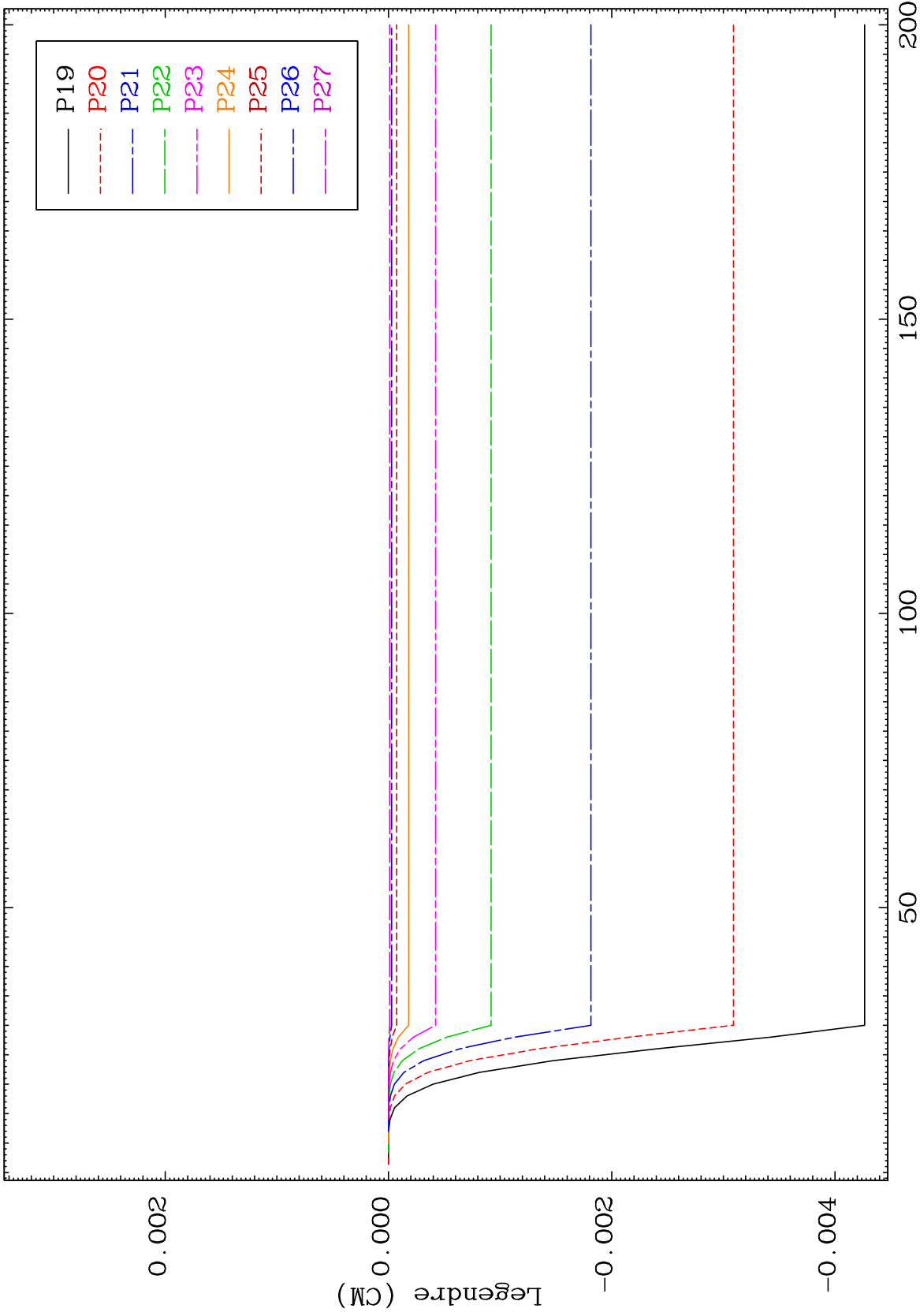
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



68

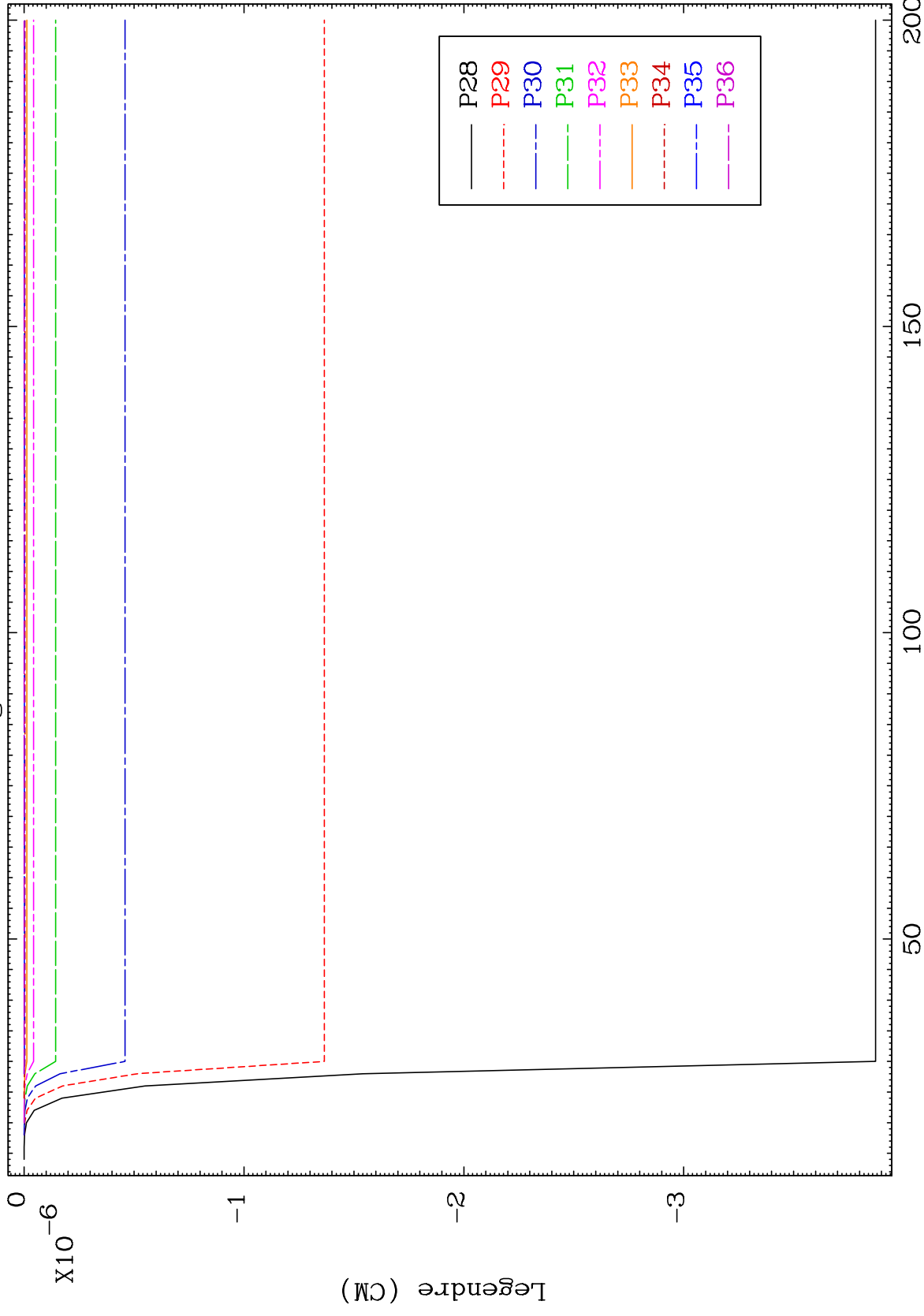
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



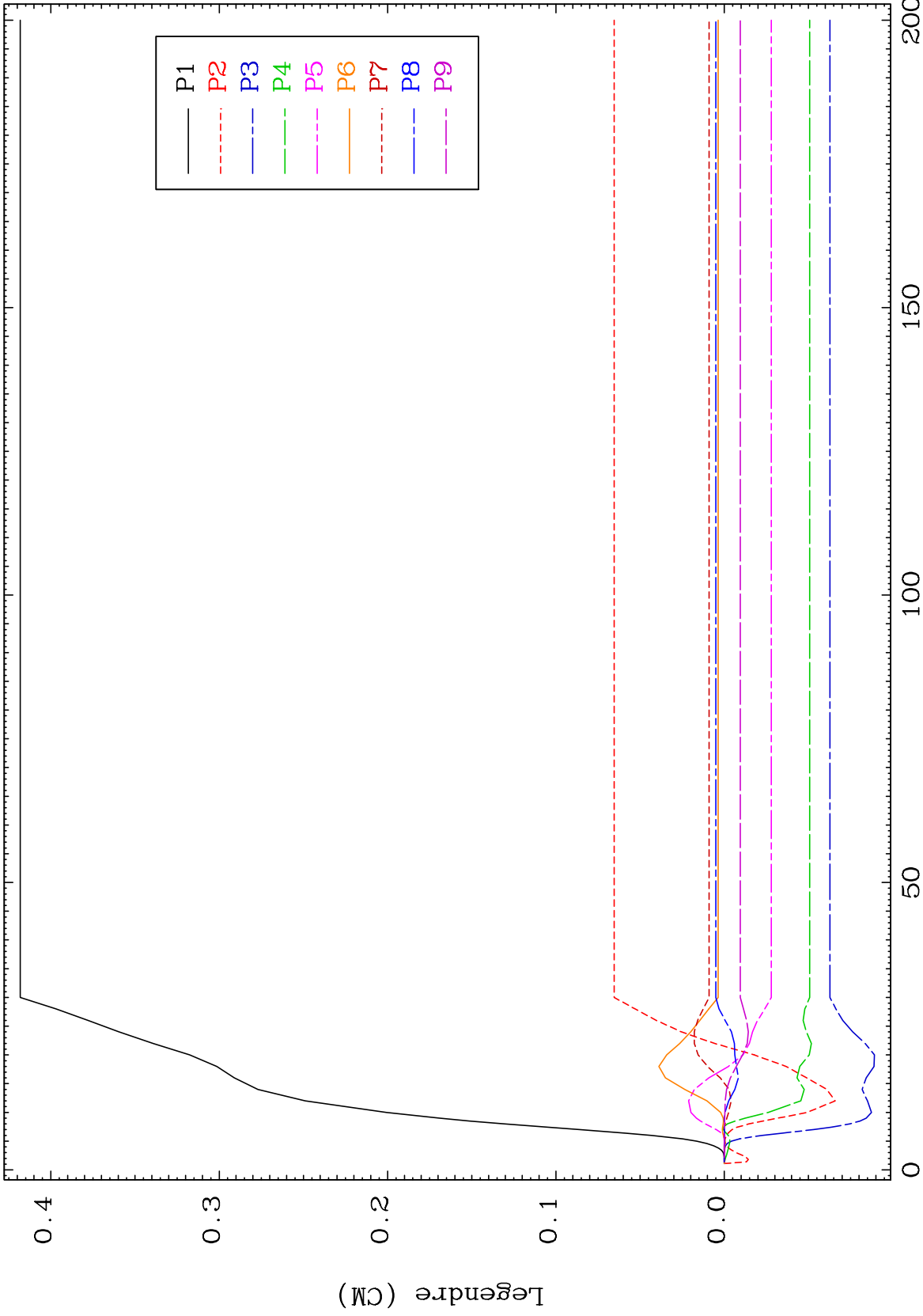
69

55-Cs-136

MAT 5534

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

55-Cs-136



70

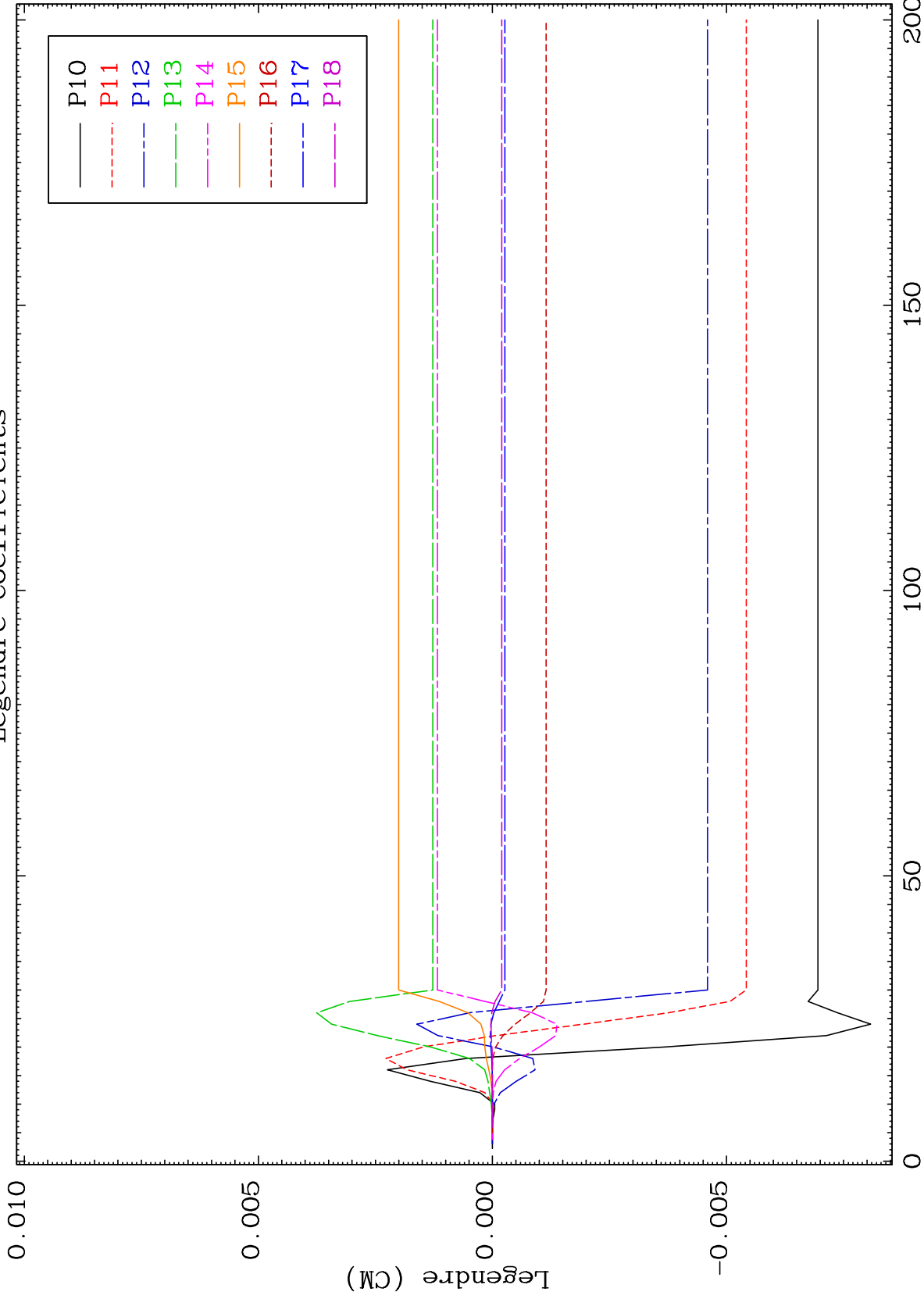
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



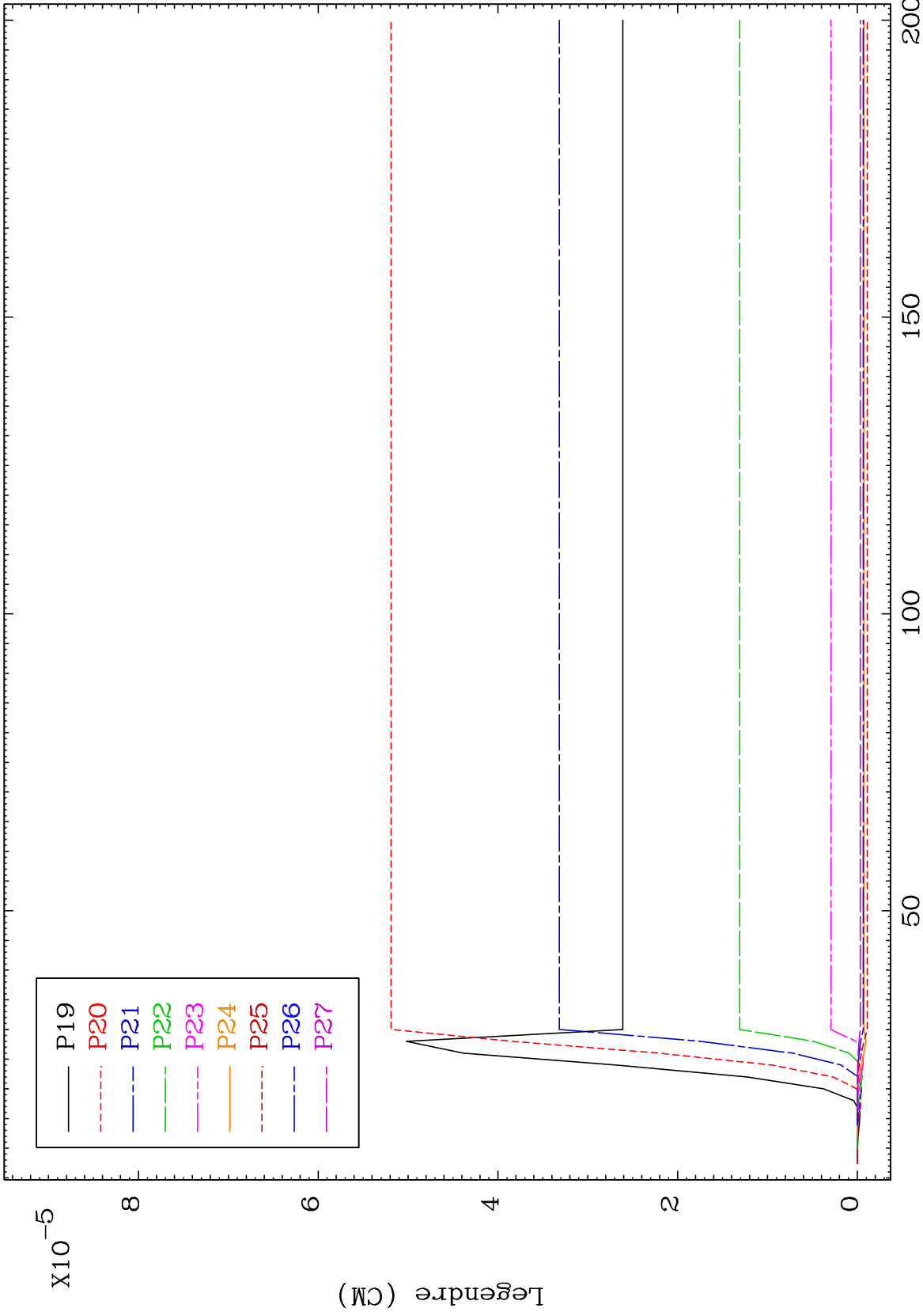
71

55-Cs-136

MAT 5534

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

55-Cs-136



72

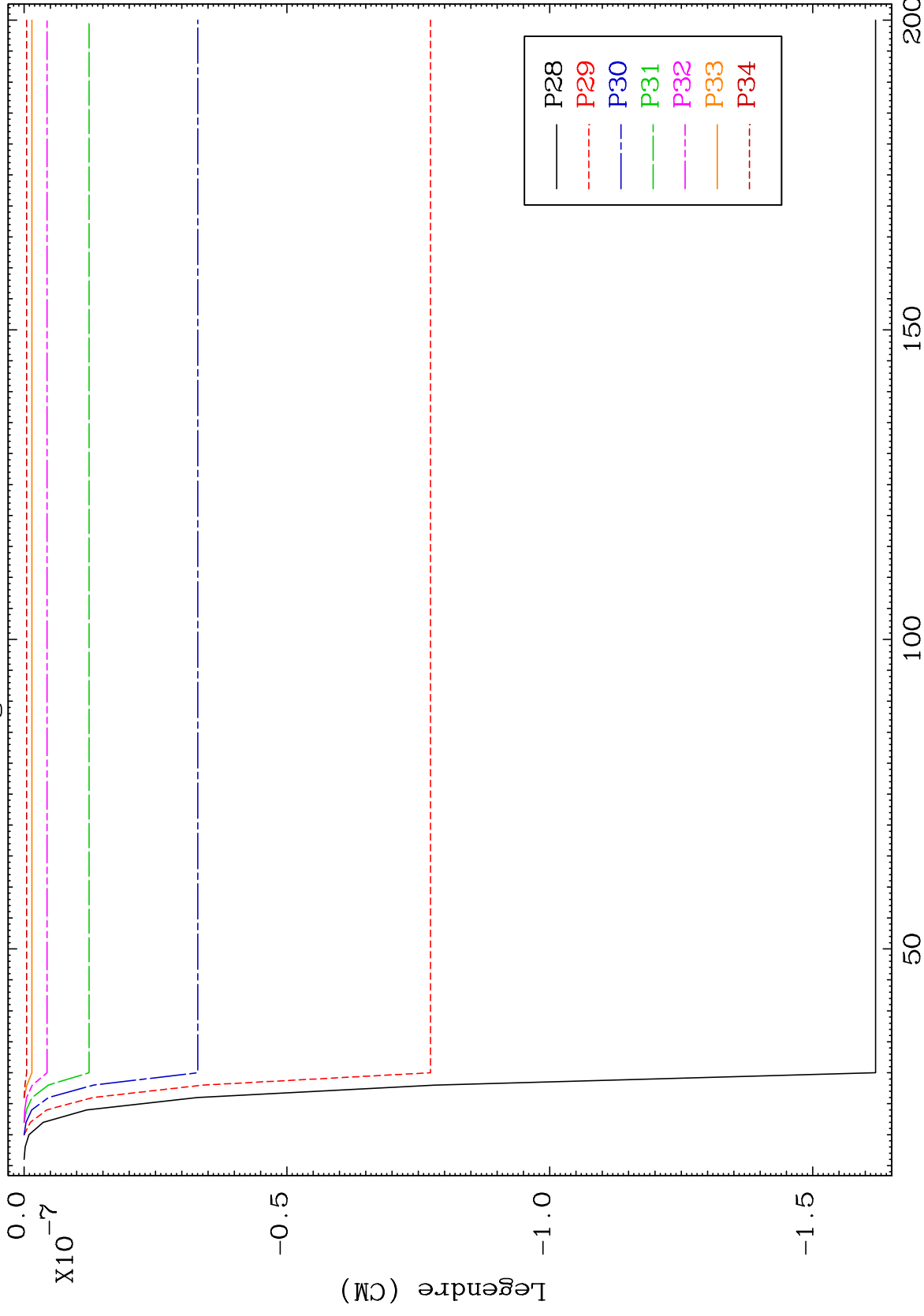
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



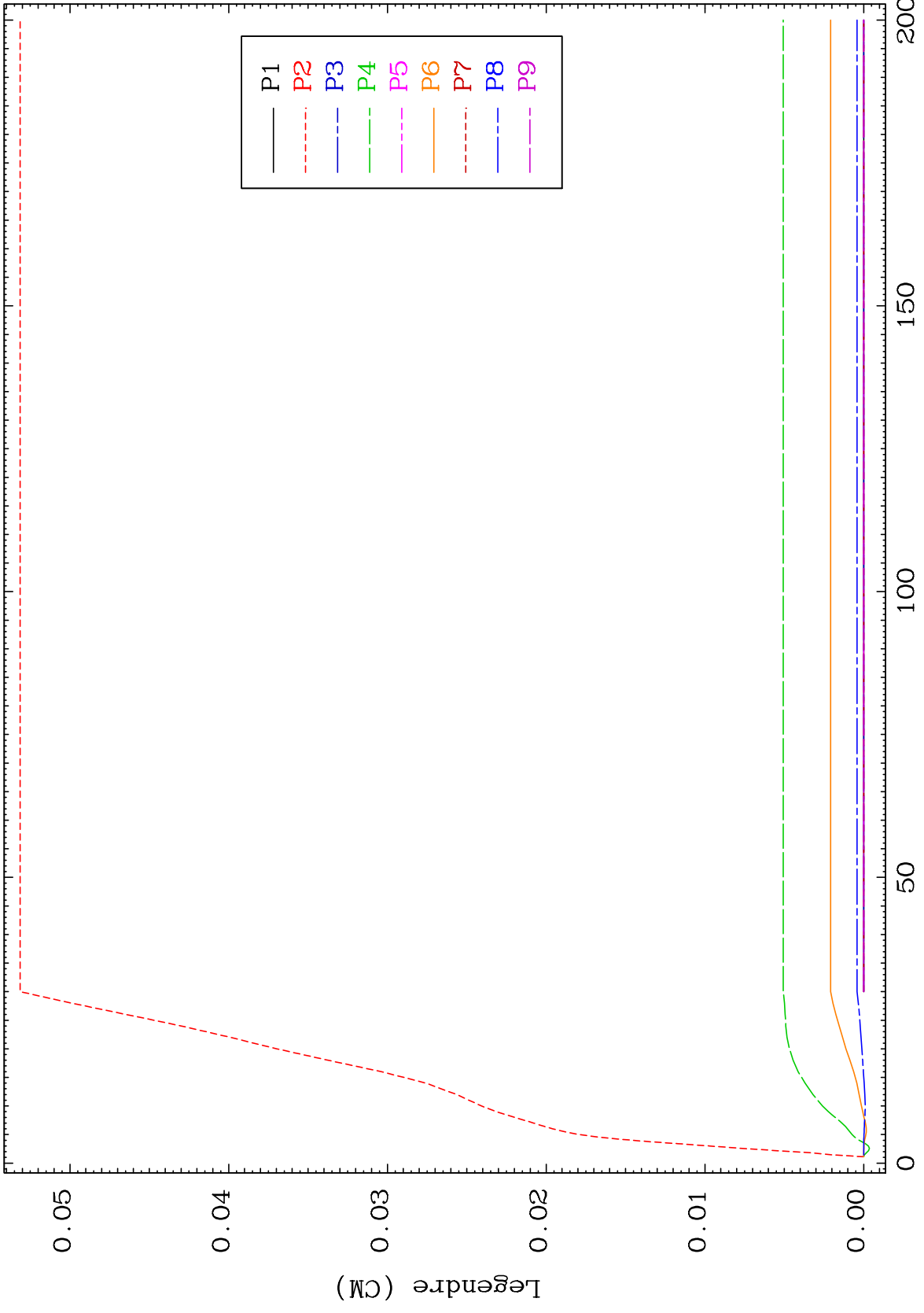
73

55-Cs-136

MAT 5534

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

55-Cs-136



74

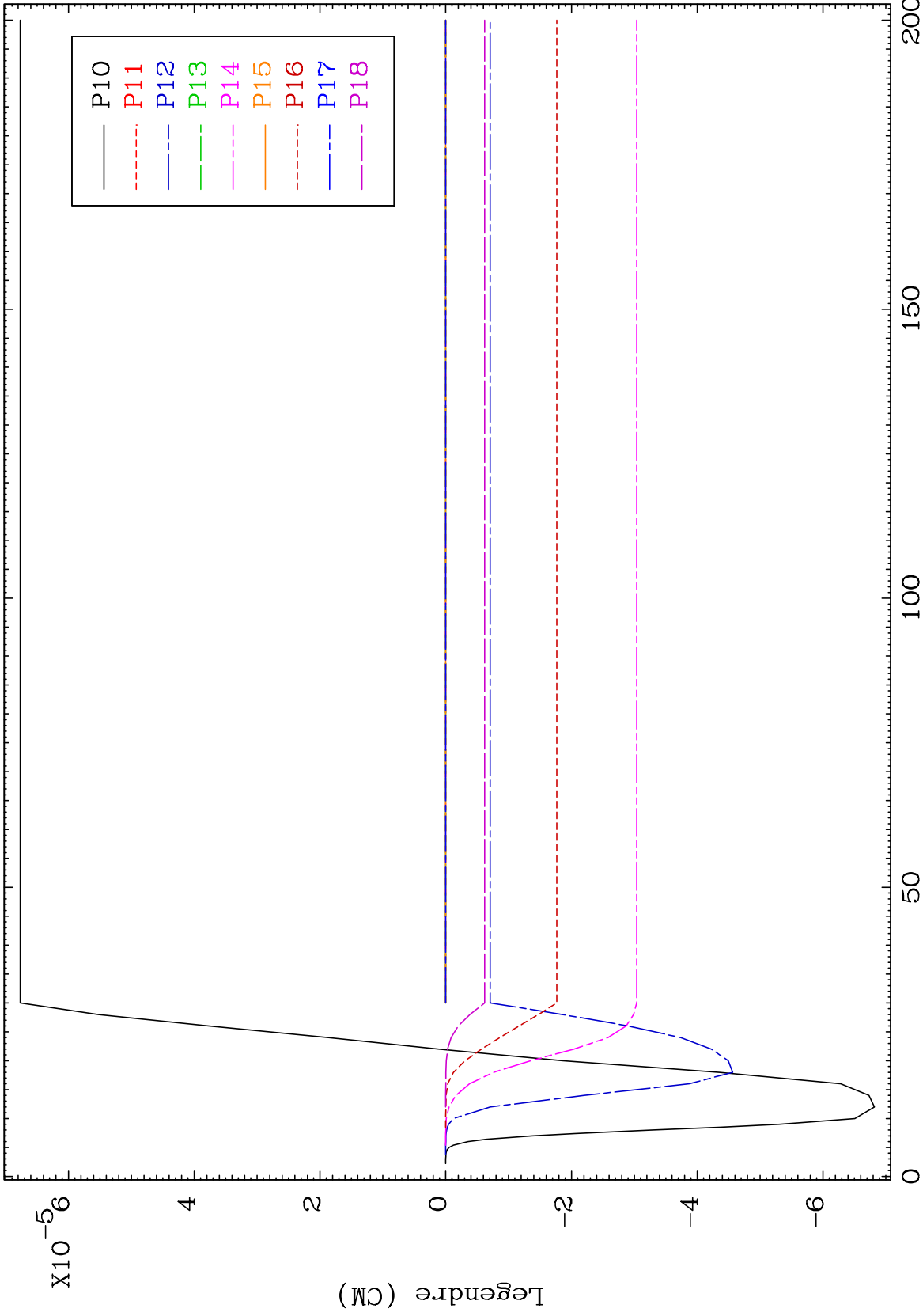
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



75

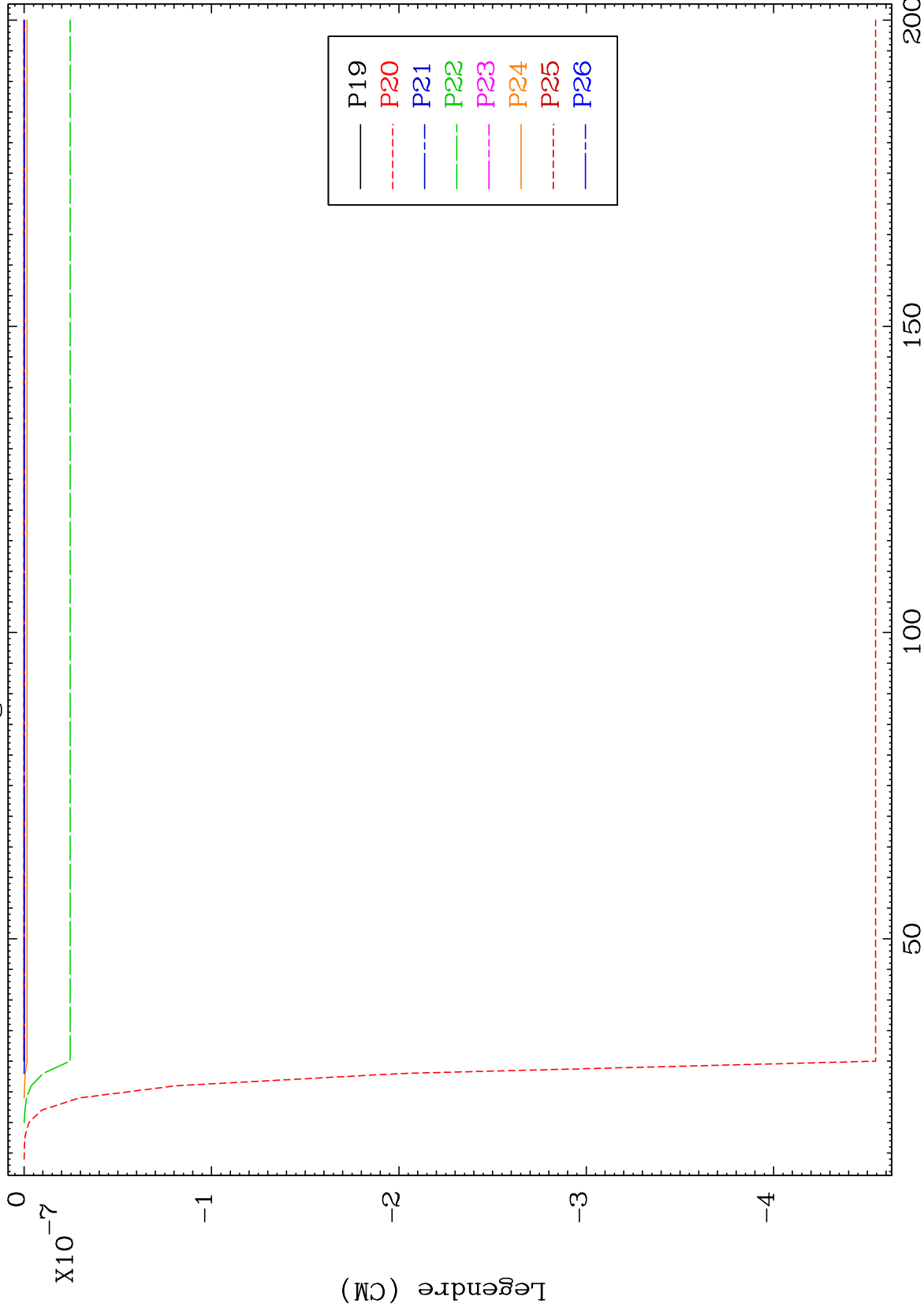
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



76

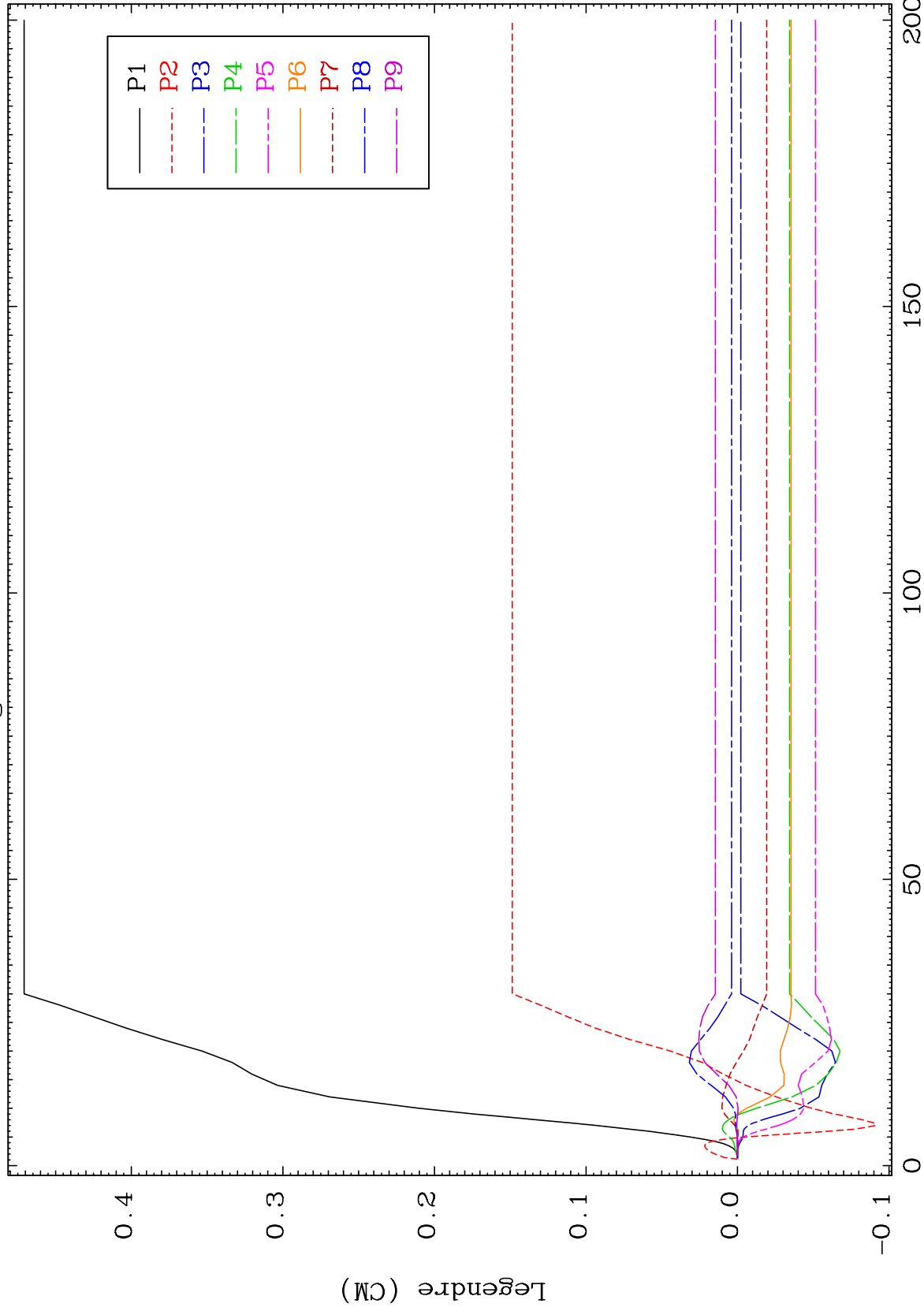
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



77

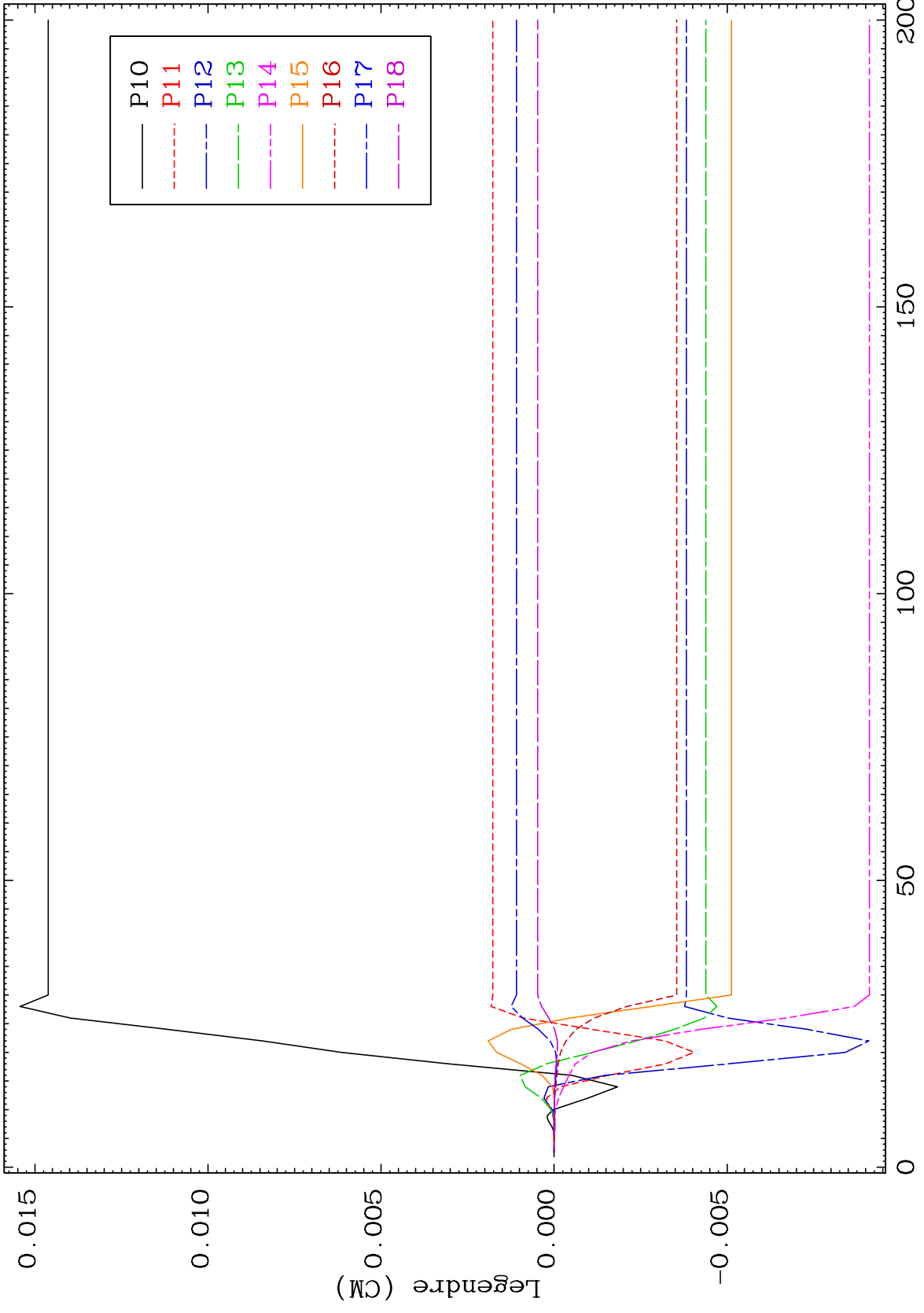
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



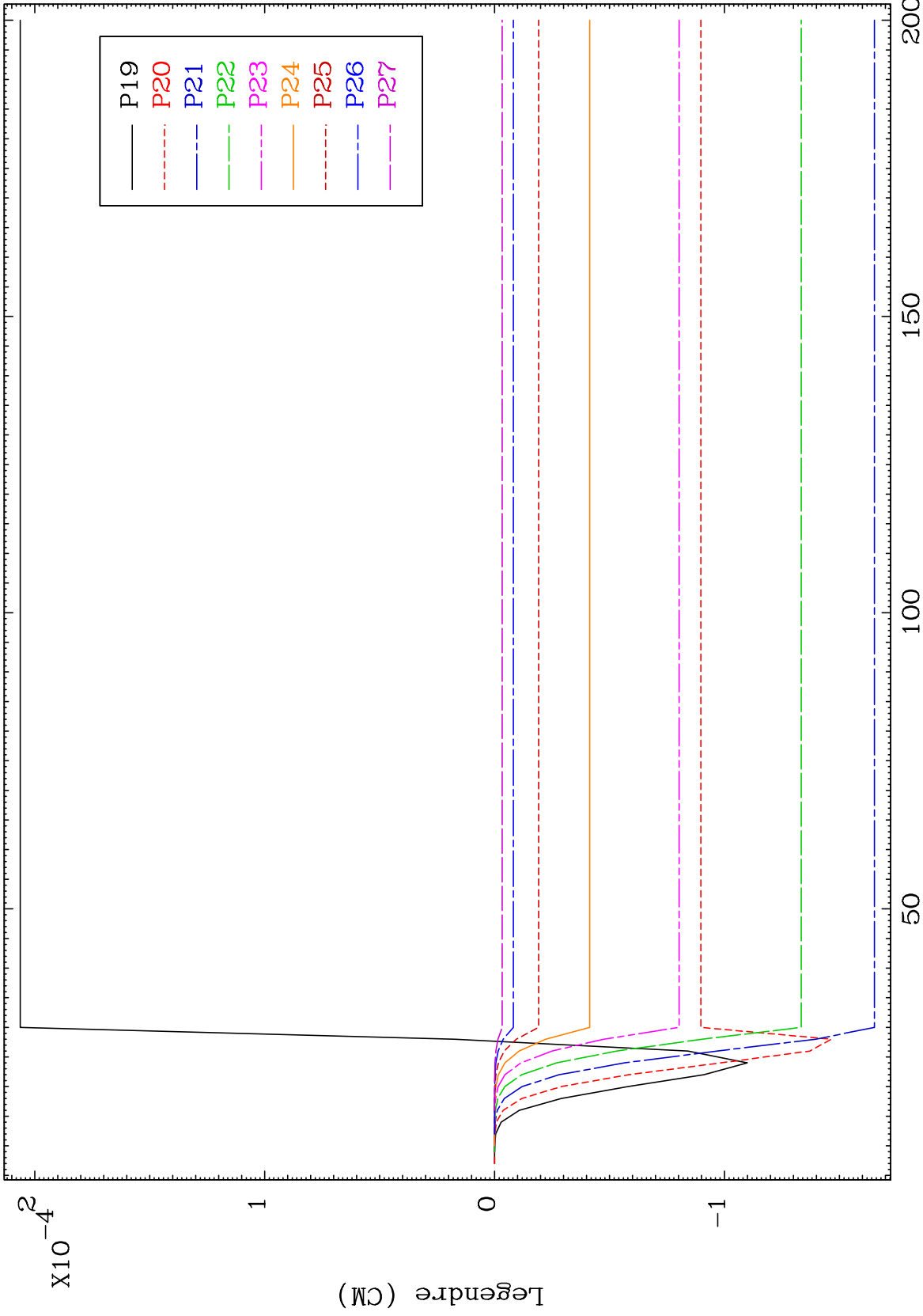
78

55-Cs-136

MAT 5534

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

55-Cs-136



79

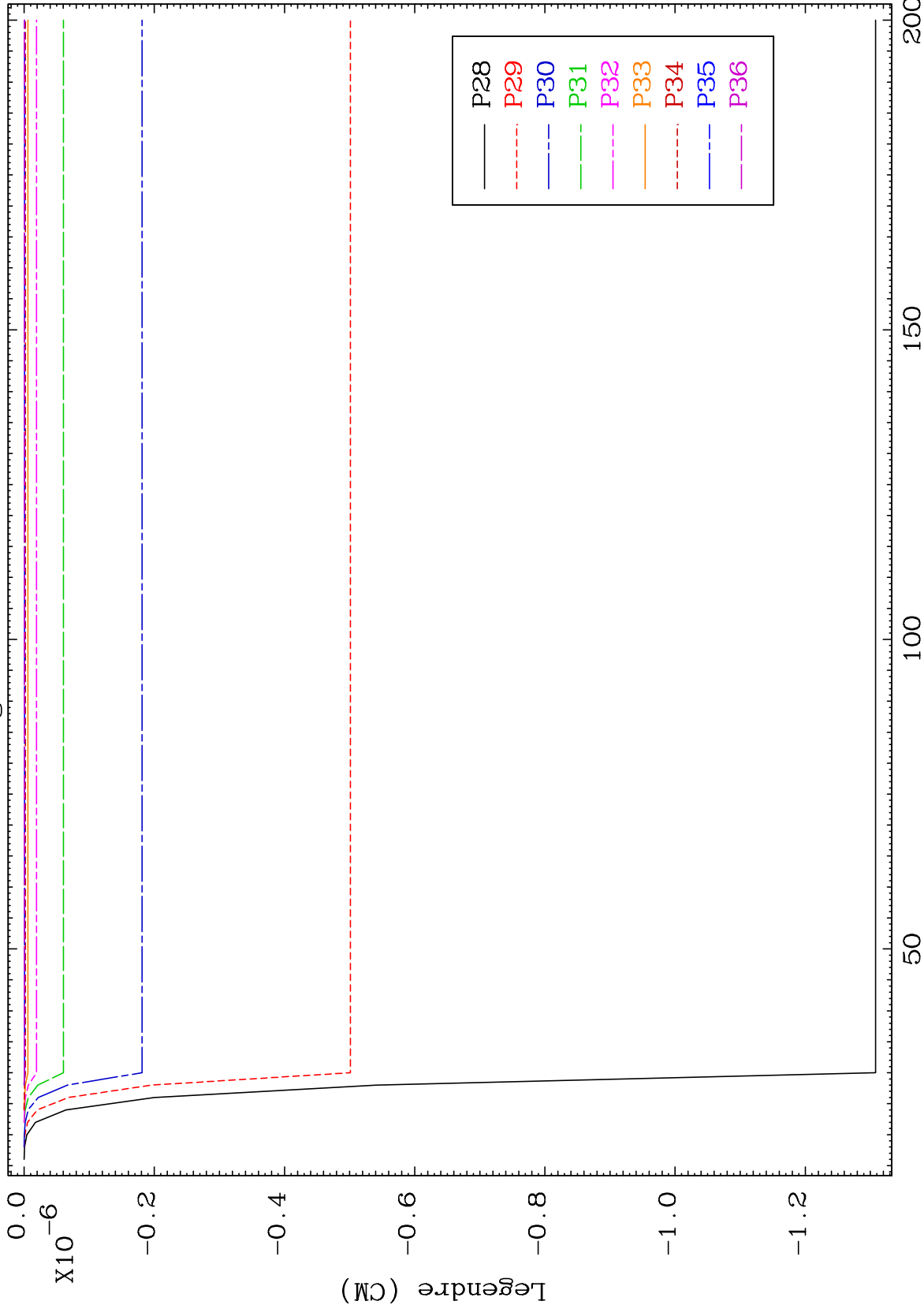
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



55-Cs-136

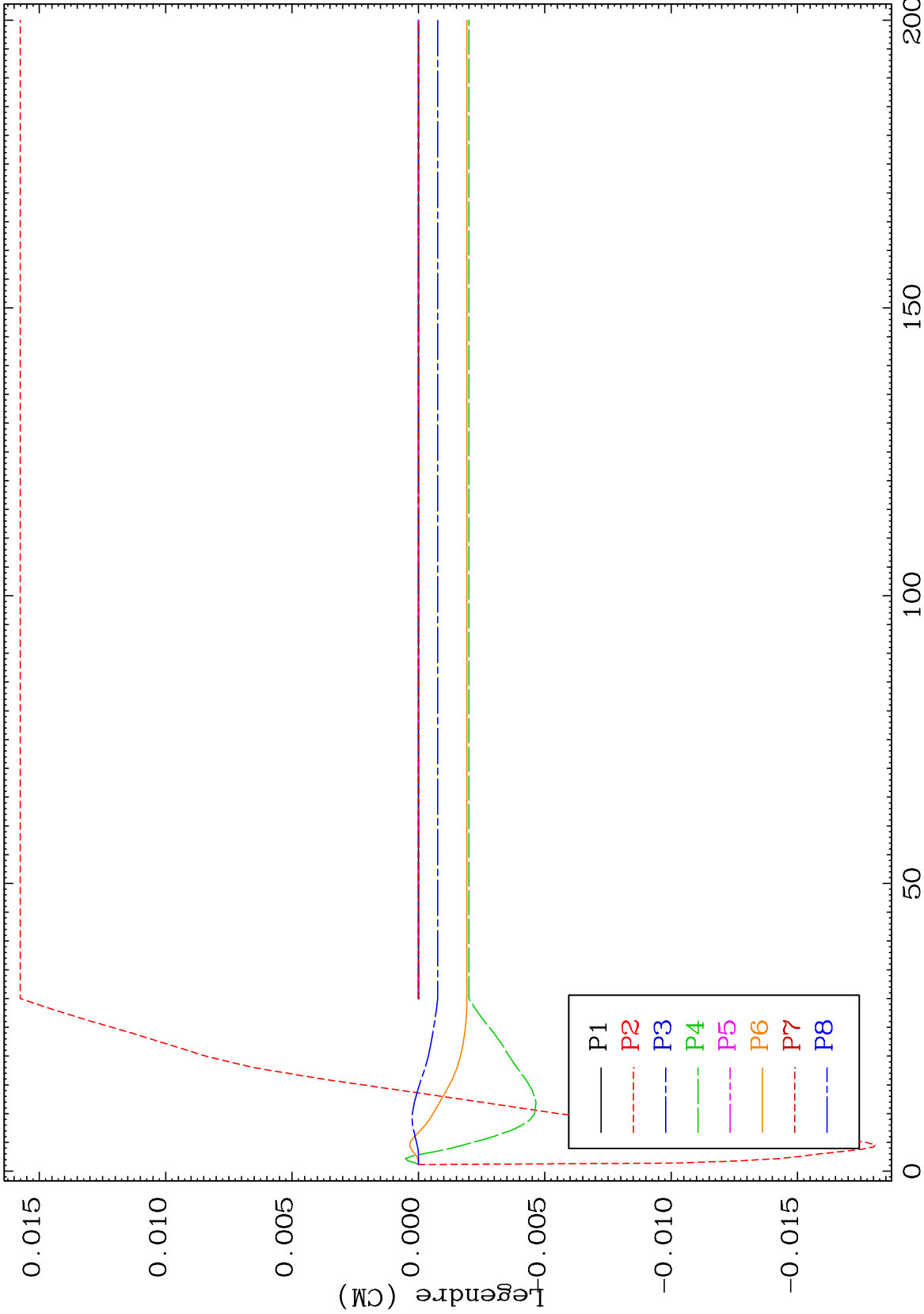
Incident Energy (MeV)

80

MAT 5534

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

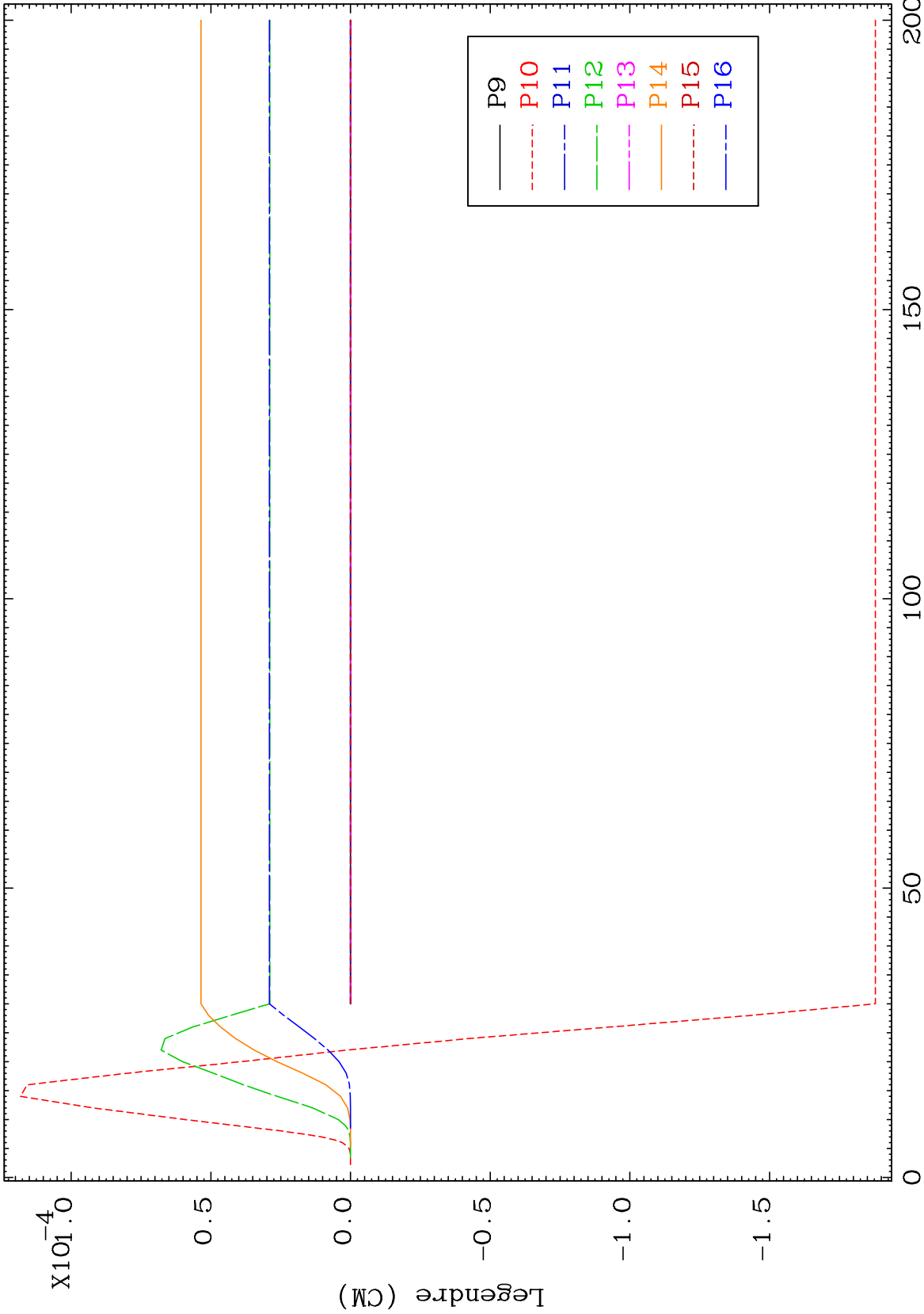
55-Cs-136



MAT 5534

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

55-Cs-136

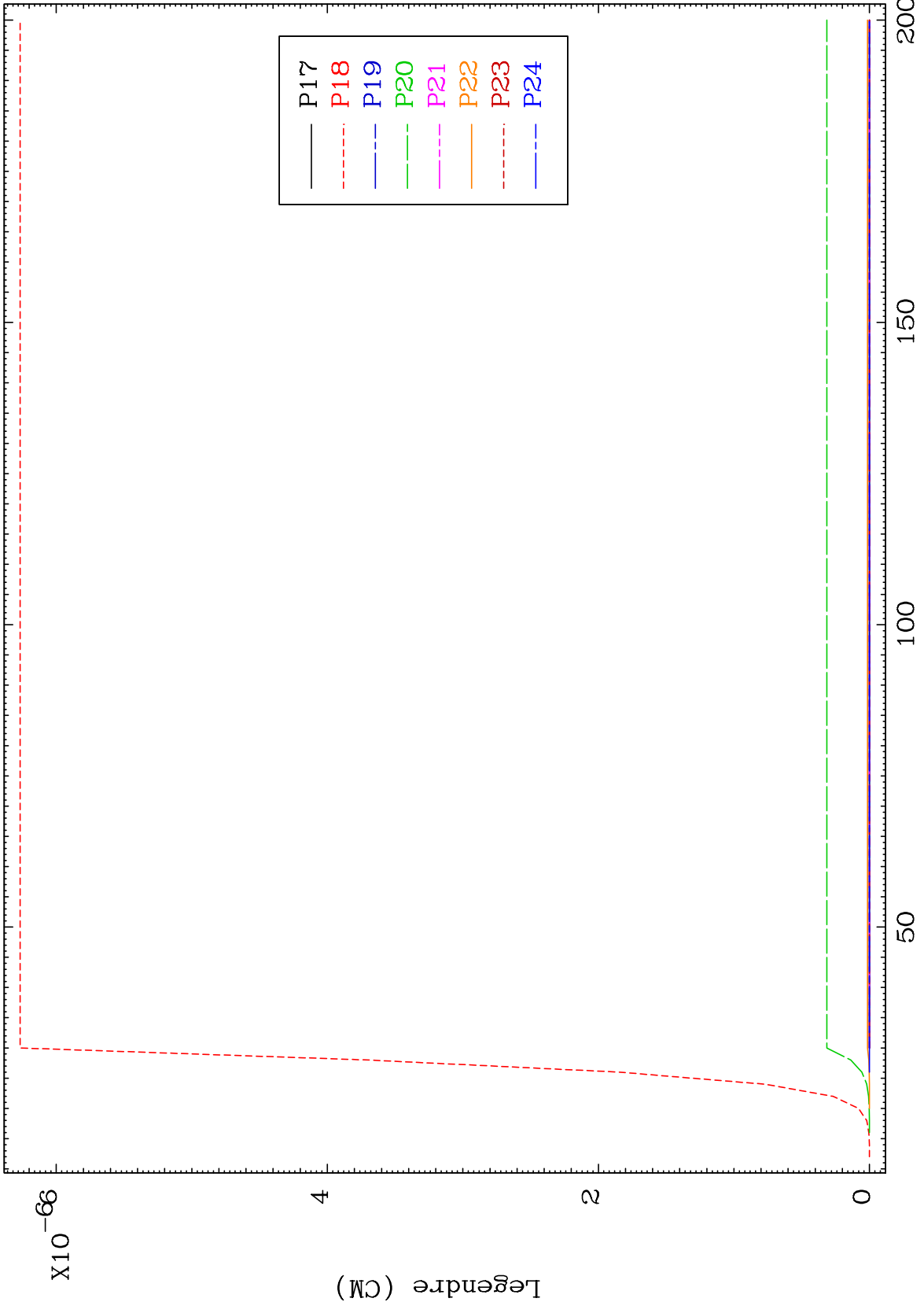


82

Incident Energy (MeV)

55-Cs-136

MAT 5534 MT= 69 (n,n') Level Legendre Coefficients 55-Cs-136

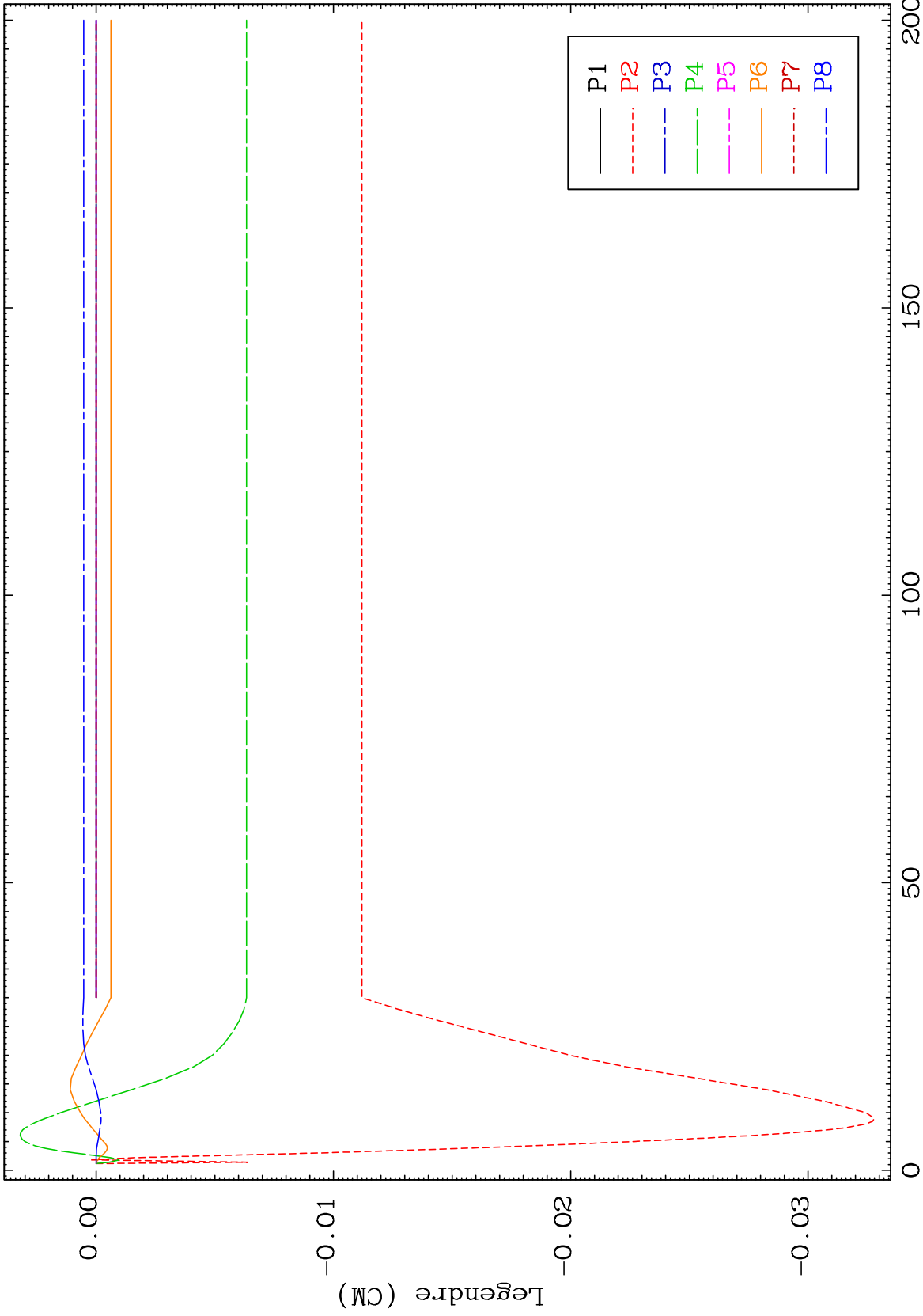


83 55-Cs-136

MAT 5534

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

55-Cs-136



84

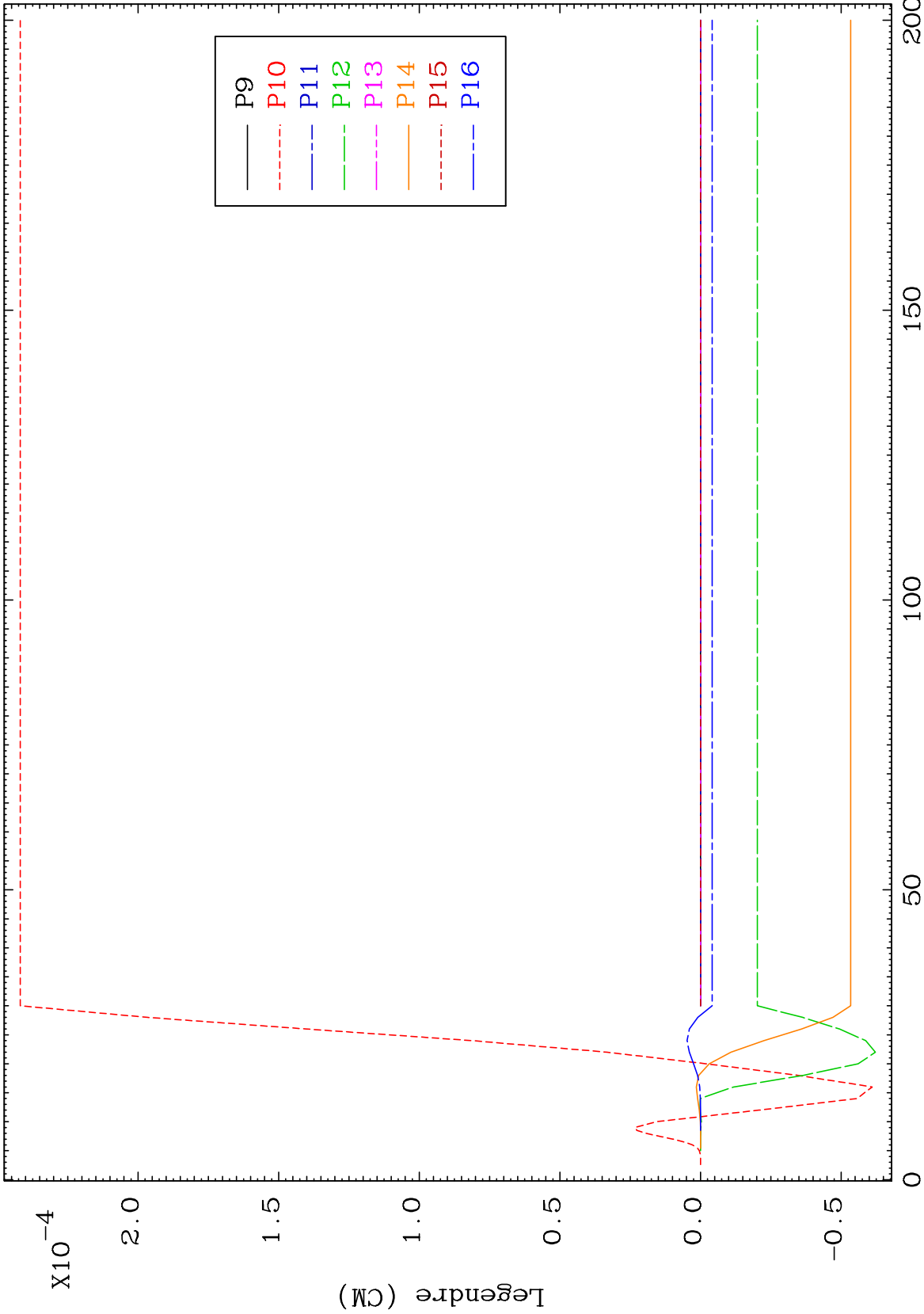
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136

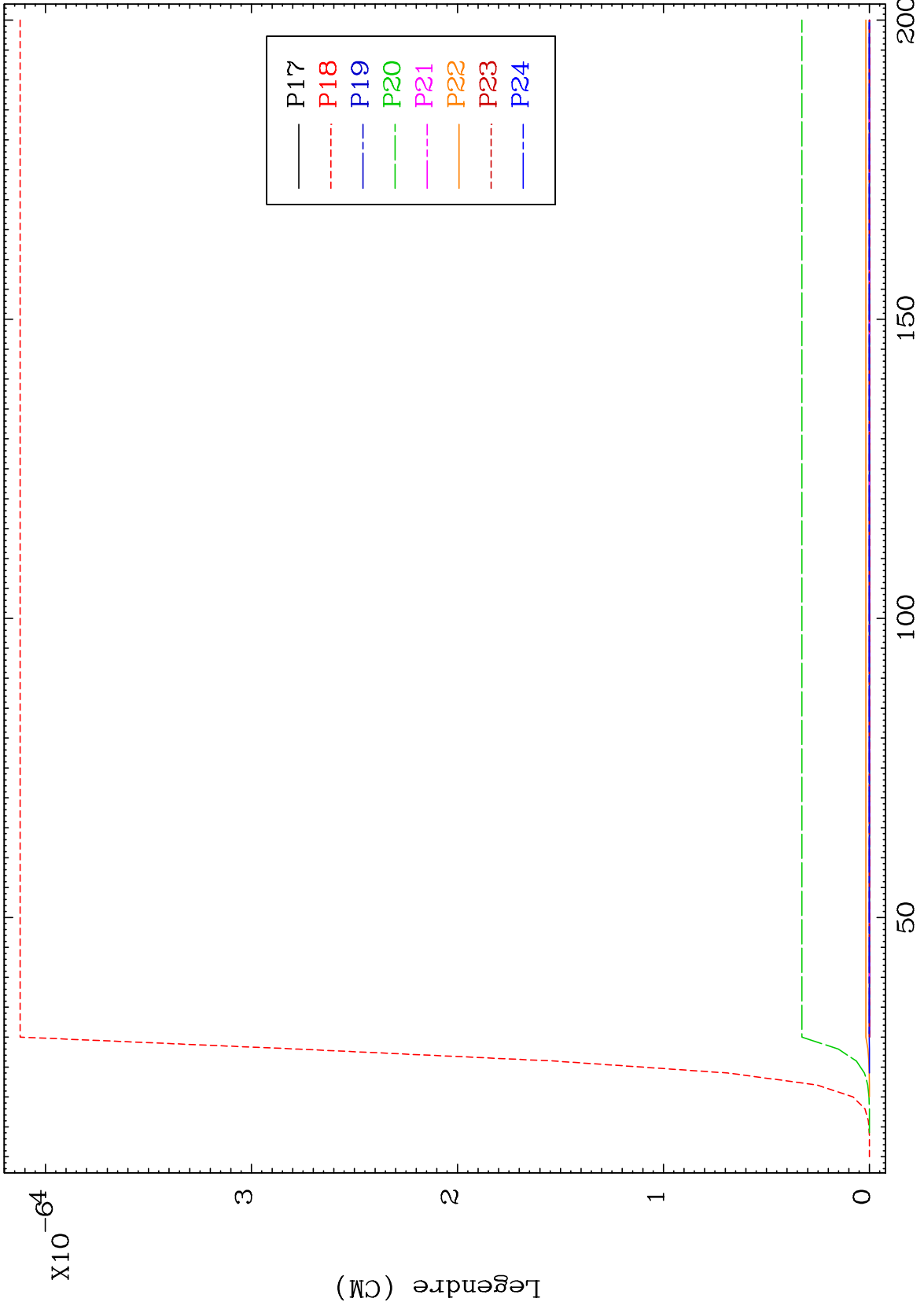


85

Incident Energy (MeV)

55-Cs-136

MAT 5534 MT= 70 (n,n') Level Legendre Coefficients 55-Cs-136

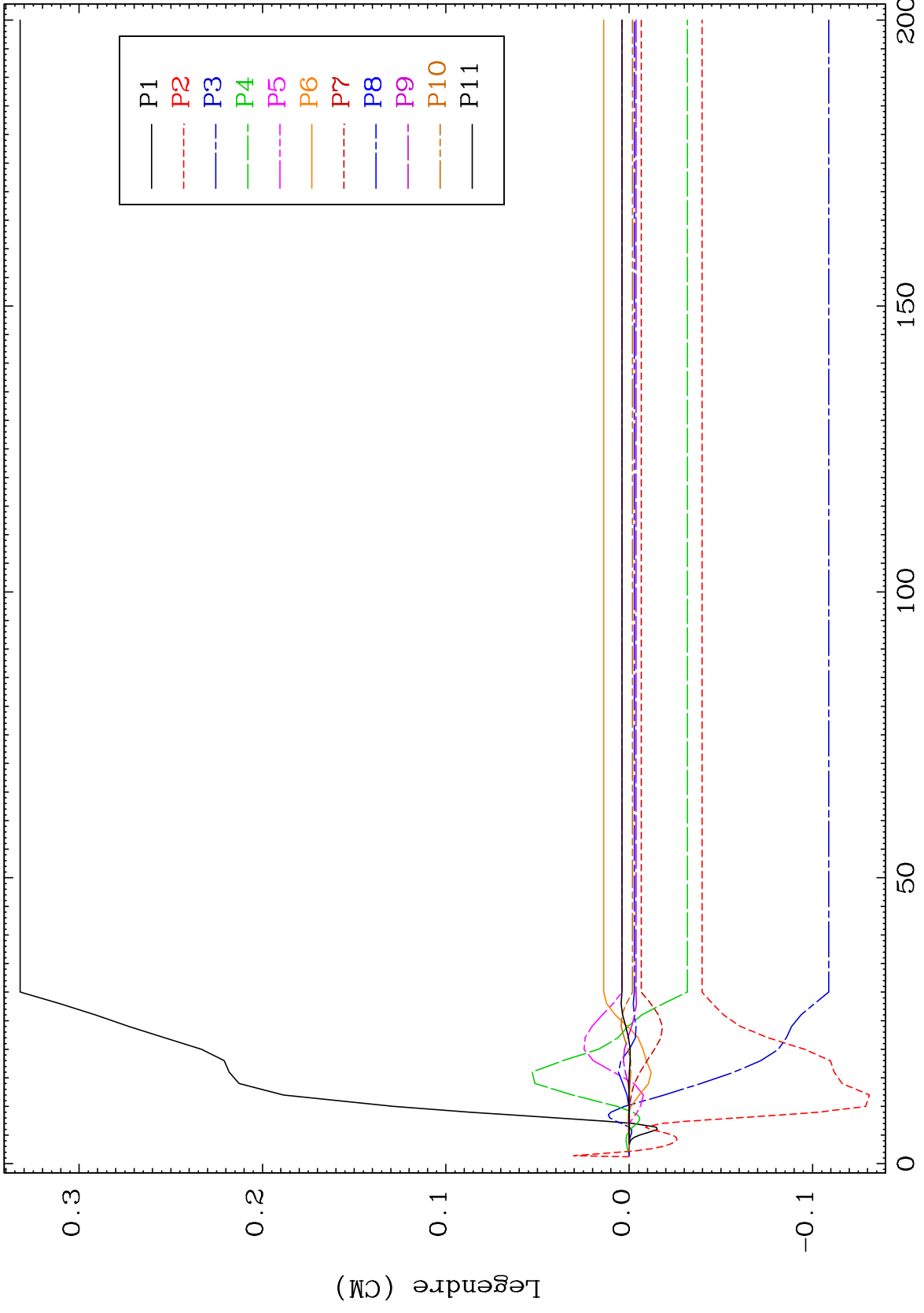


86 55-Cs-136

MAT 5534

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

55-Cs-136



87

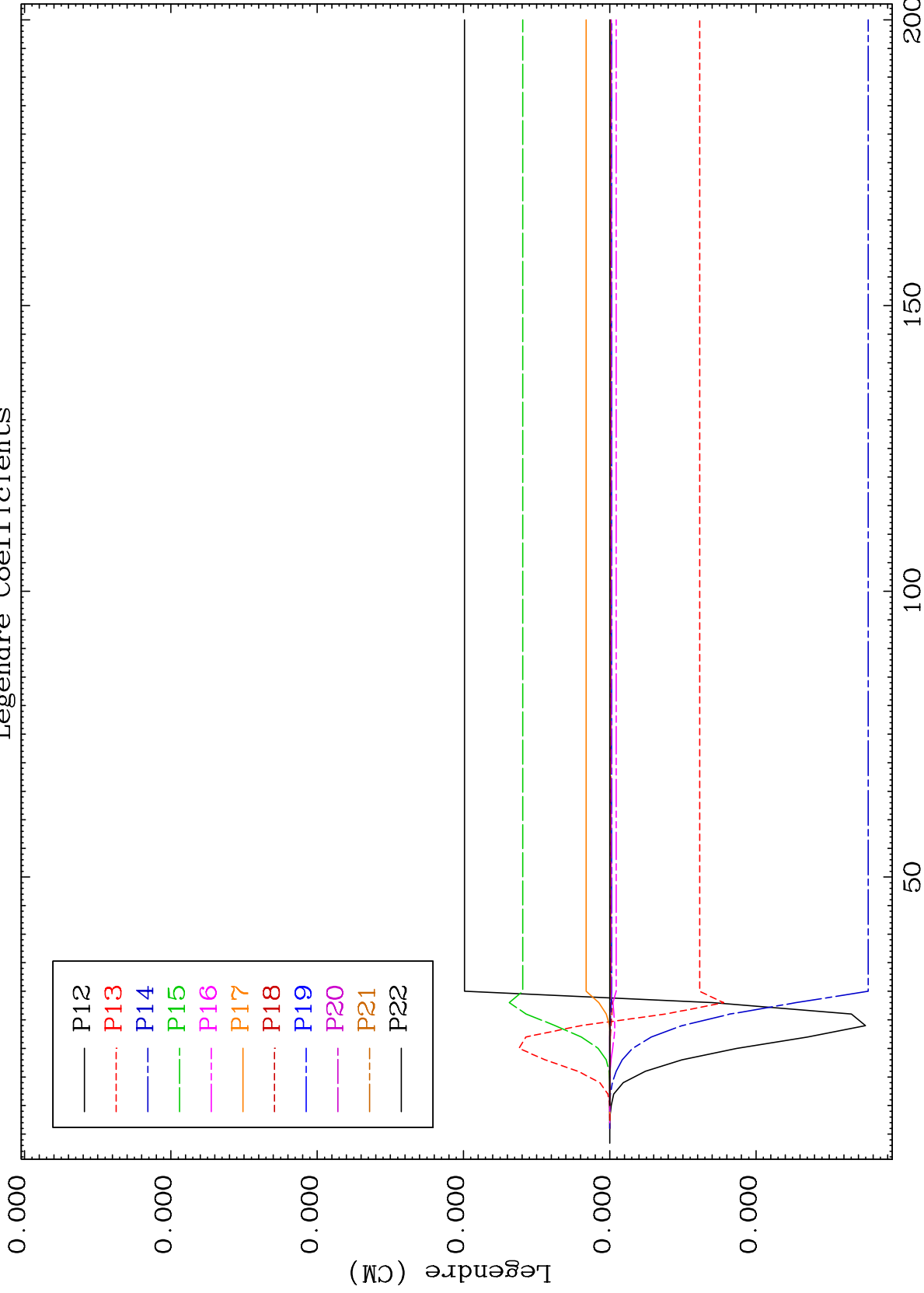
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

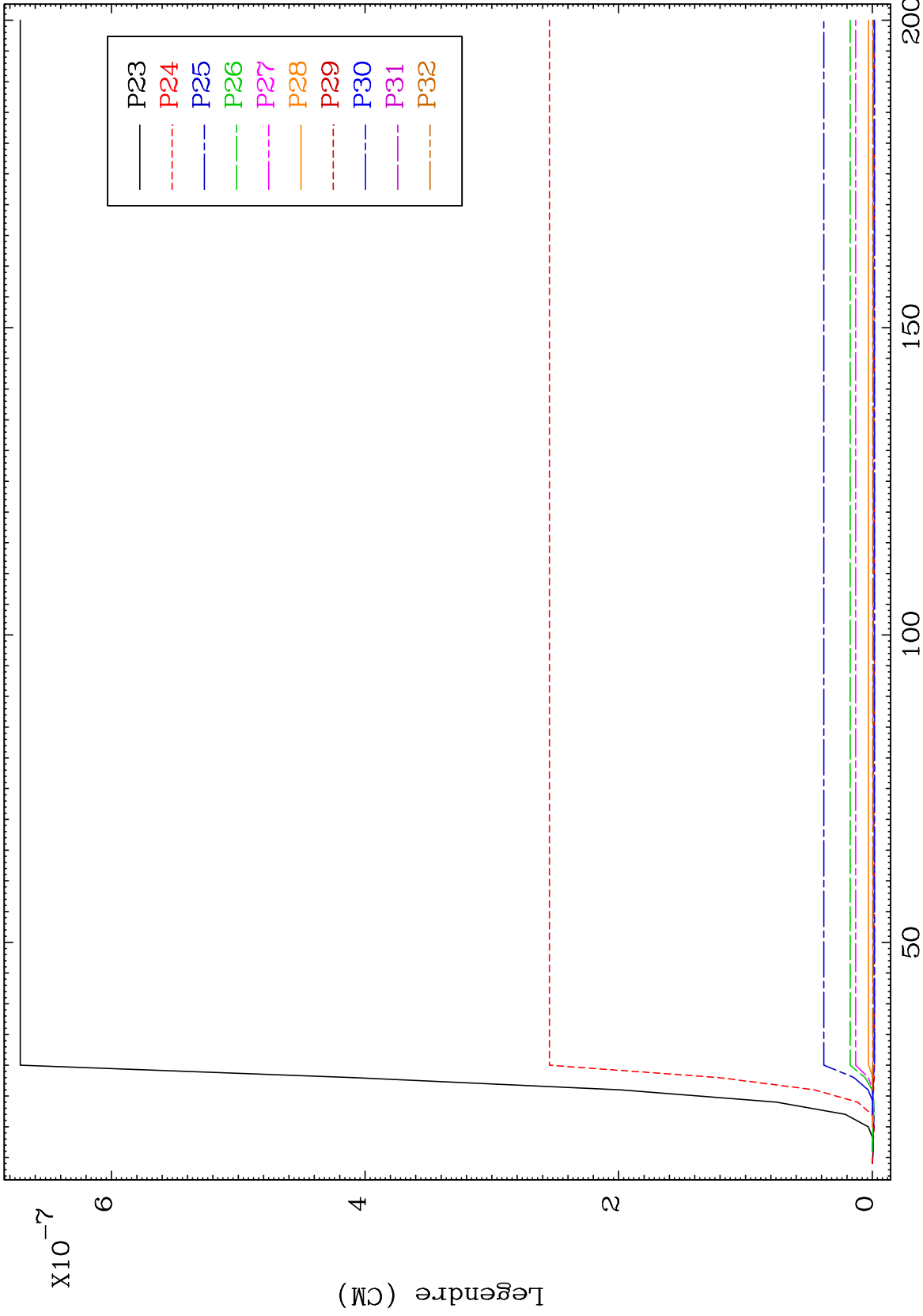
55-Cs-136



MAT 5534

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

55-Cs-136

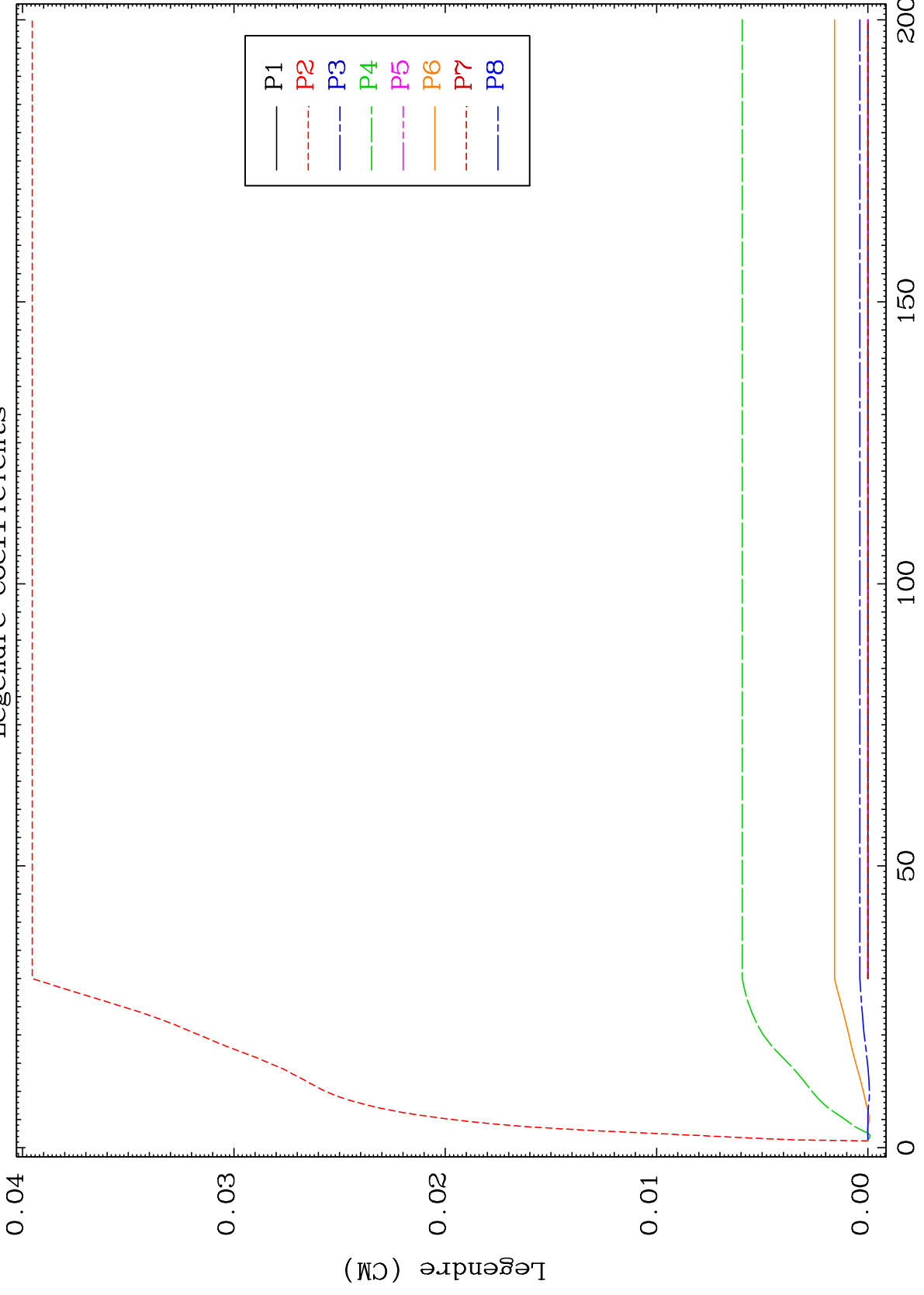


89

55-Cs-136

55-Cs-136

MAT 5534 MT= 72 (n,n') Level Legendre Coefficients 55-Cs-136

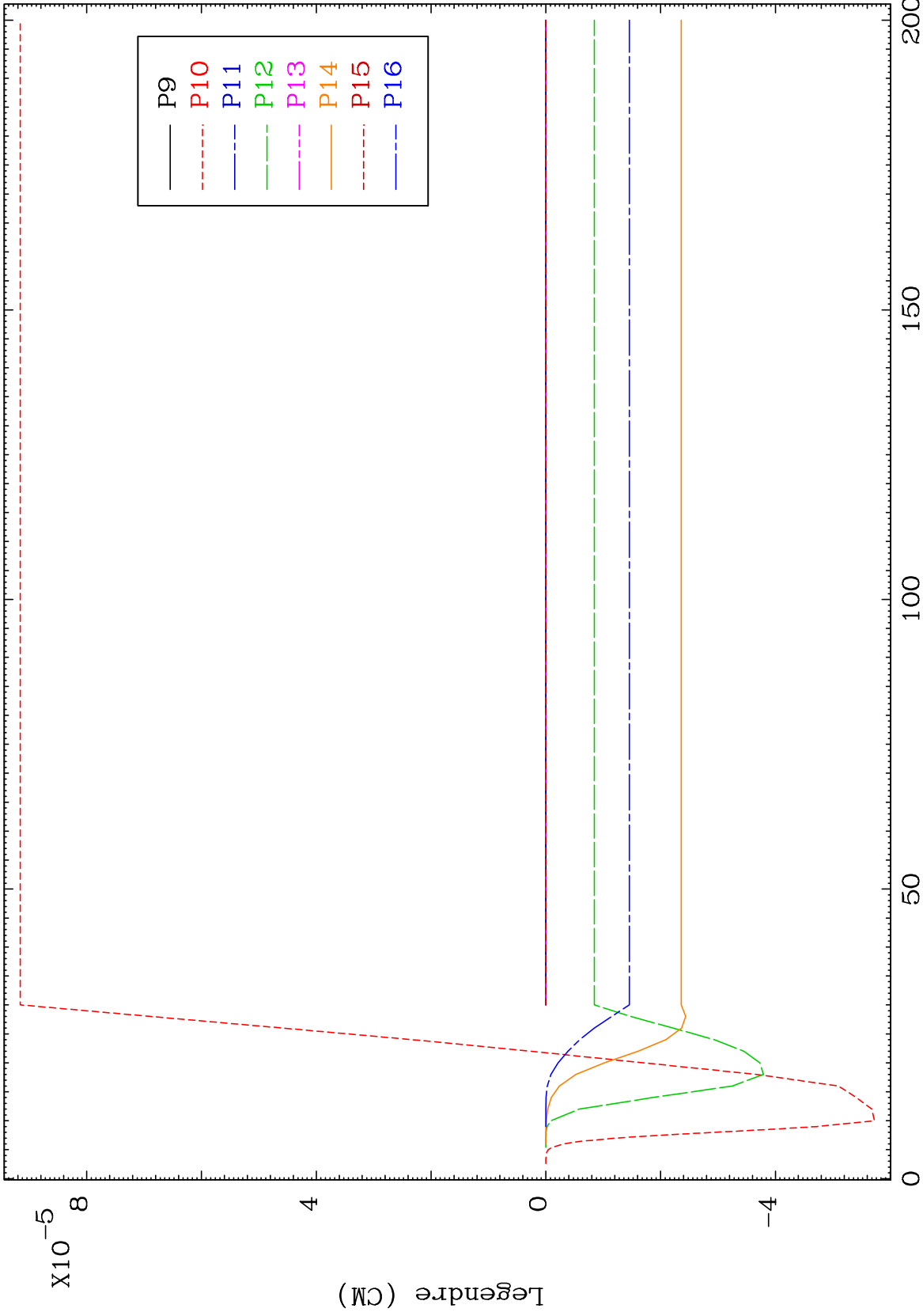


55-Cs-136

MAT 5534

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

55-Cs-136



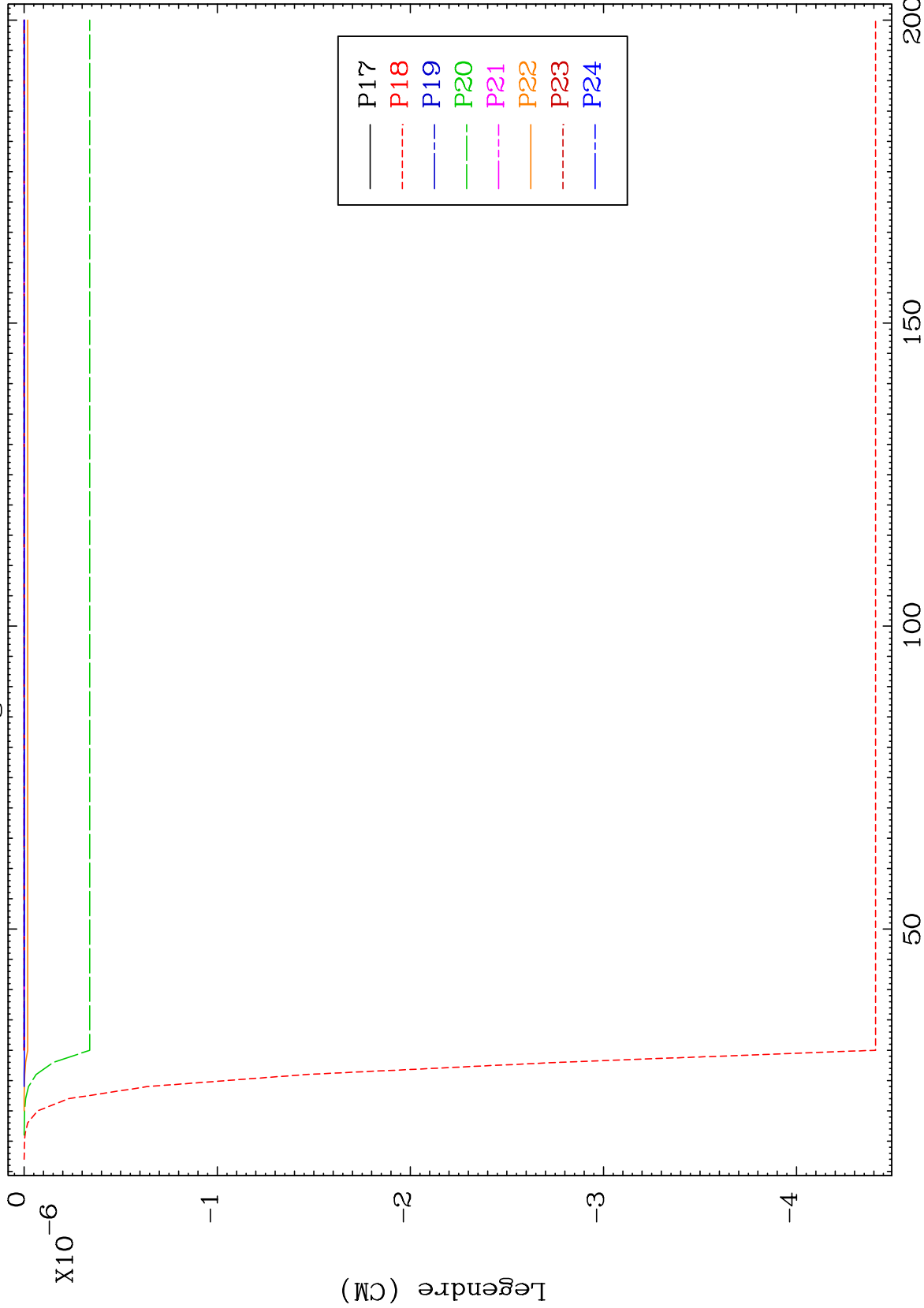
91

55-Cs-136

MAT 5534

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

55-Cs-136



92

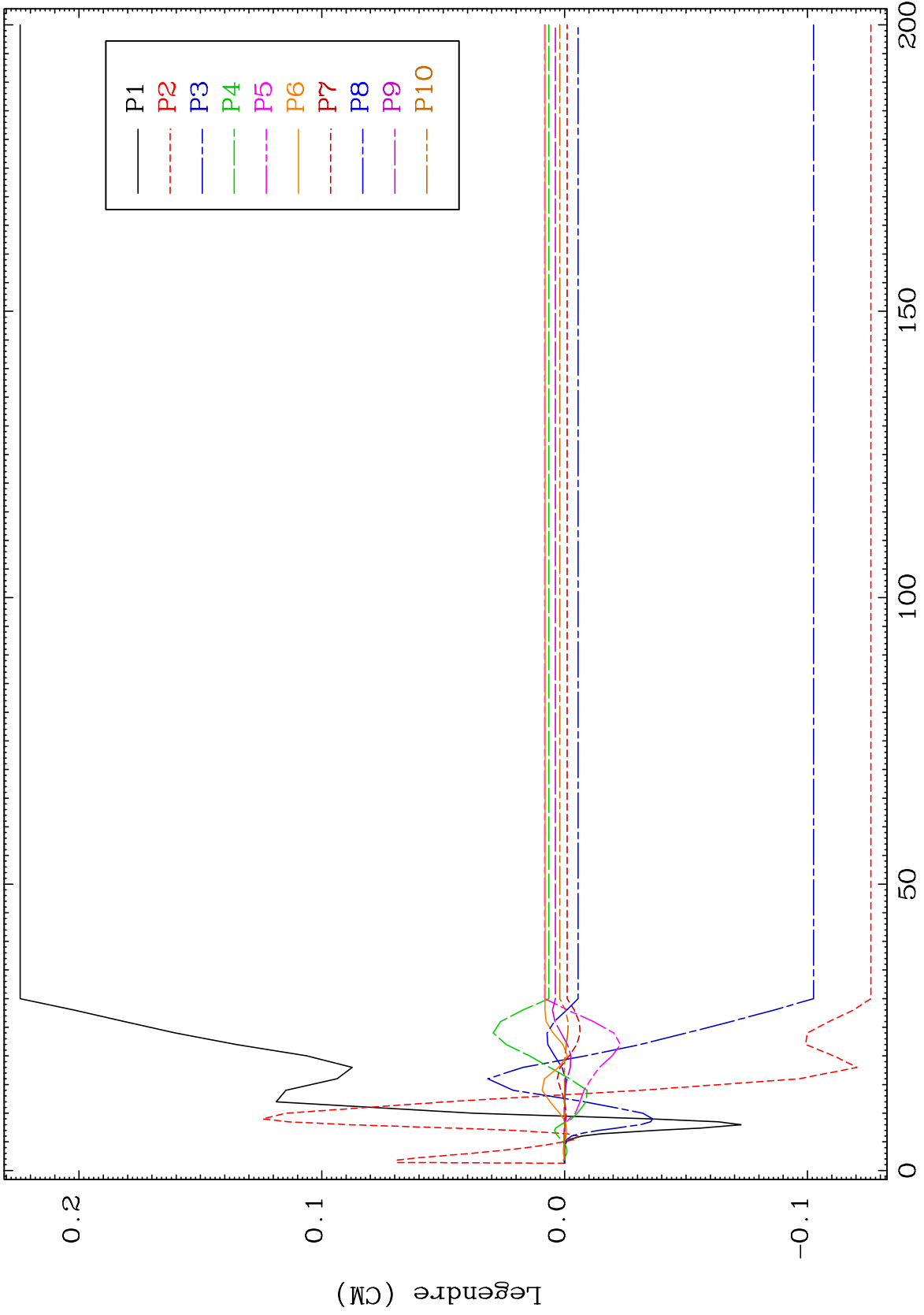
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



93

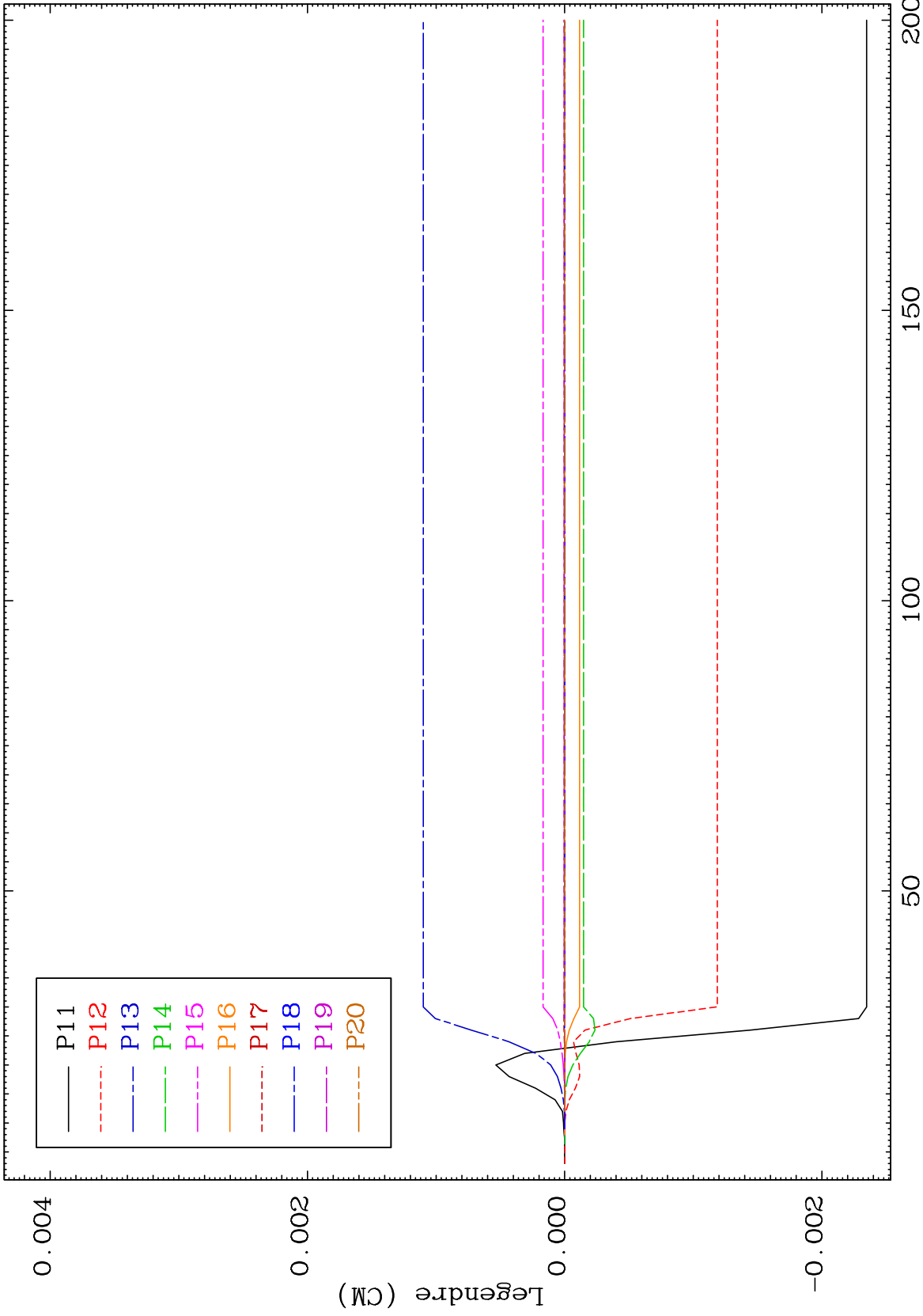
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



94

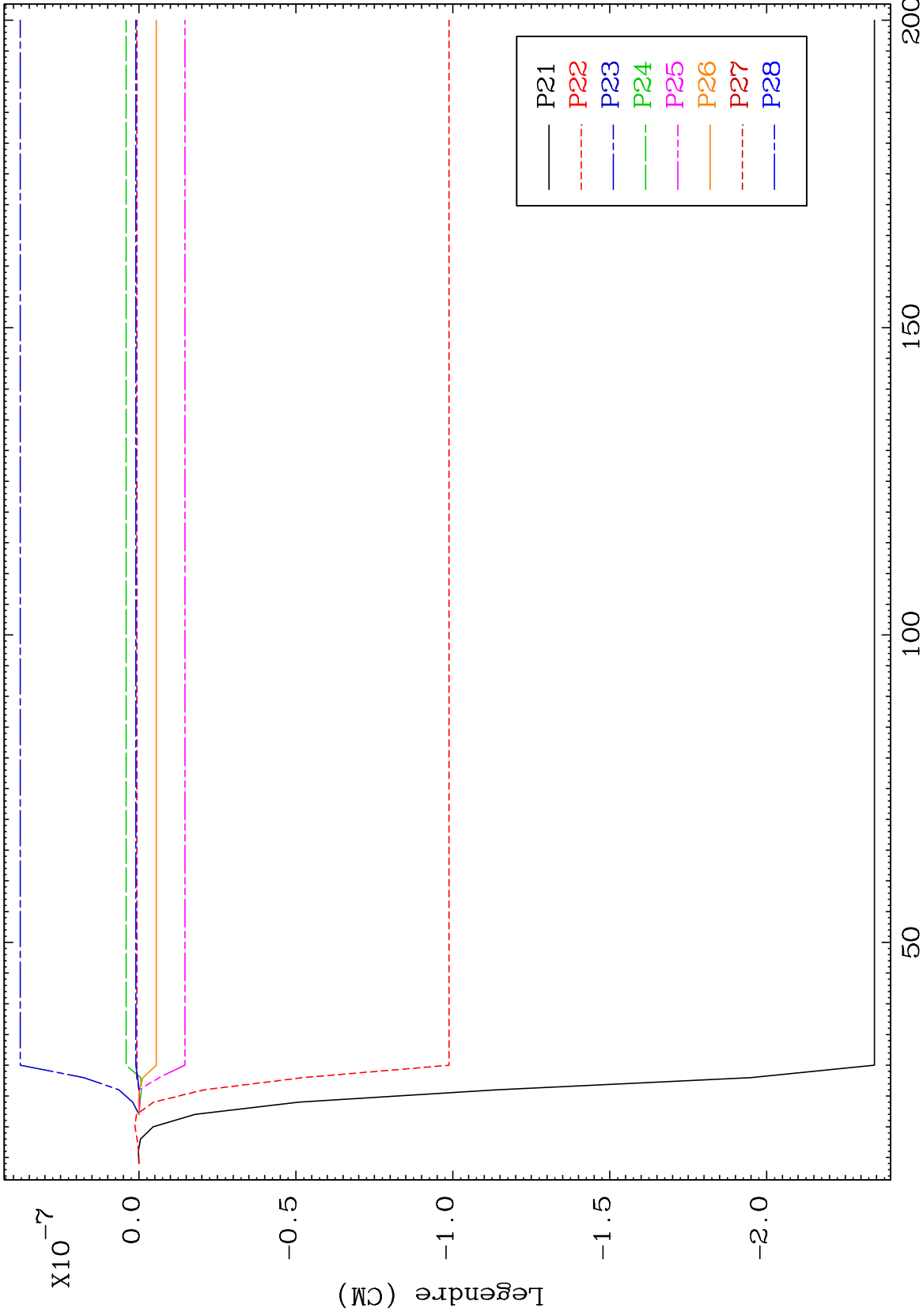
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



95

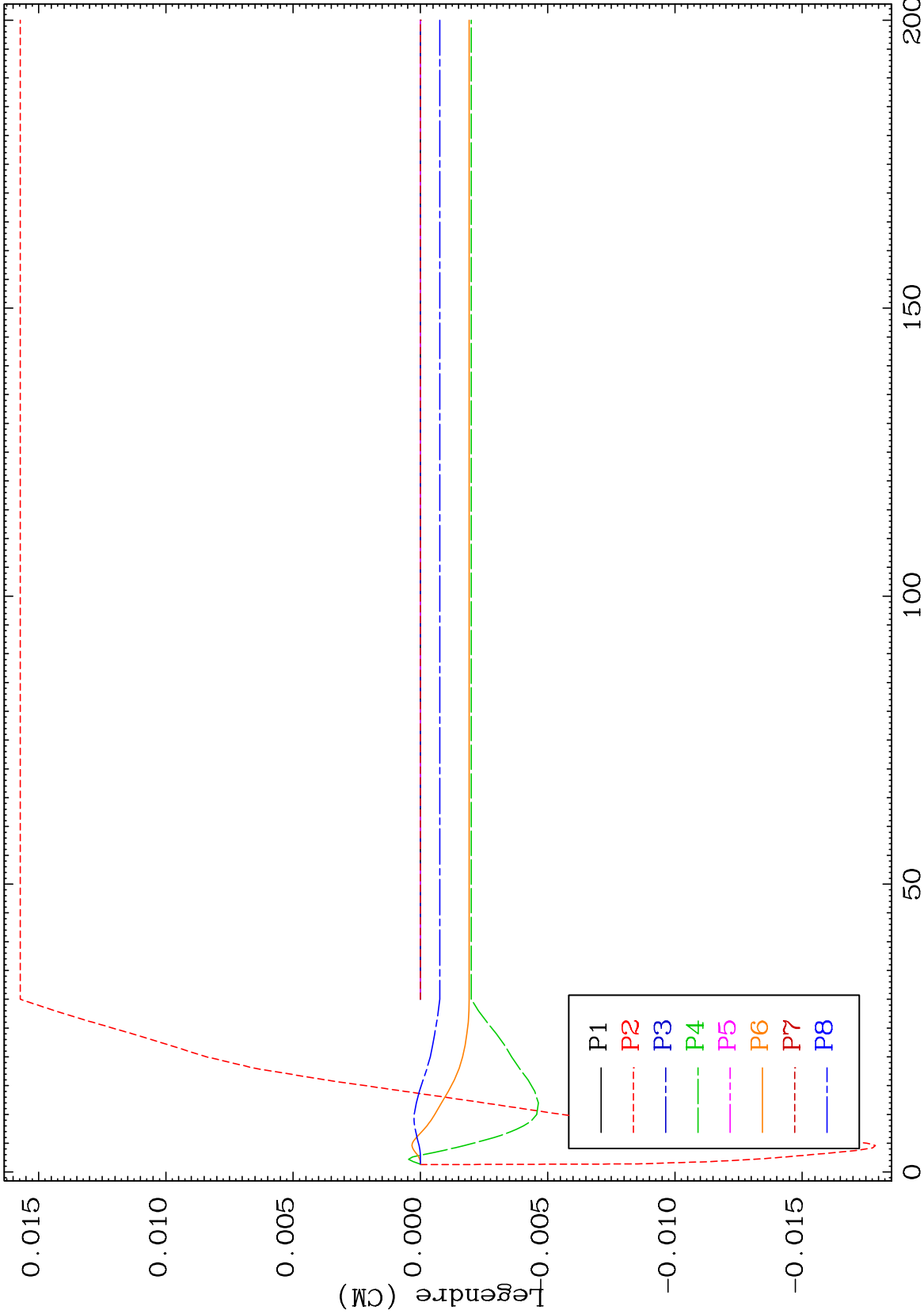
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



96

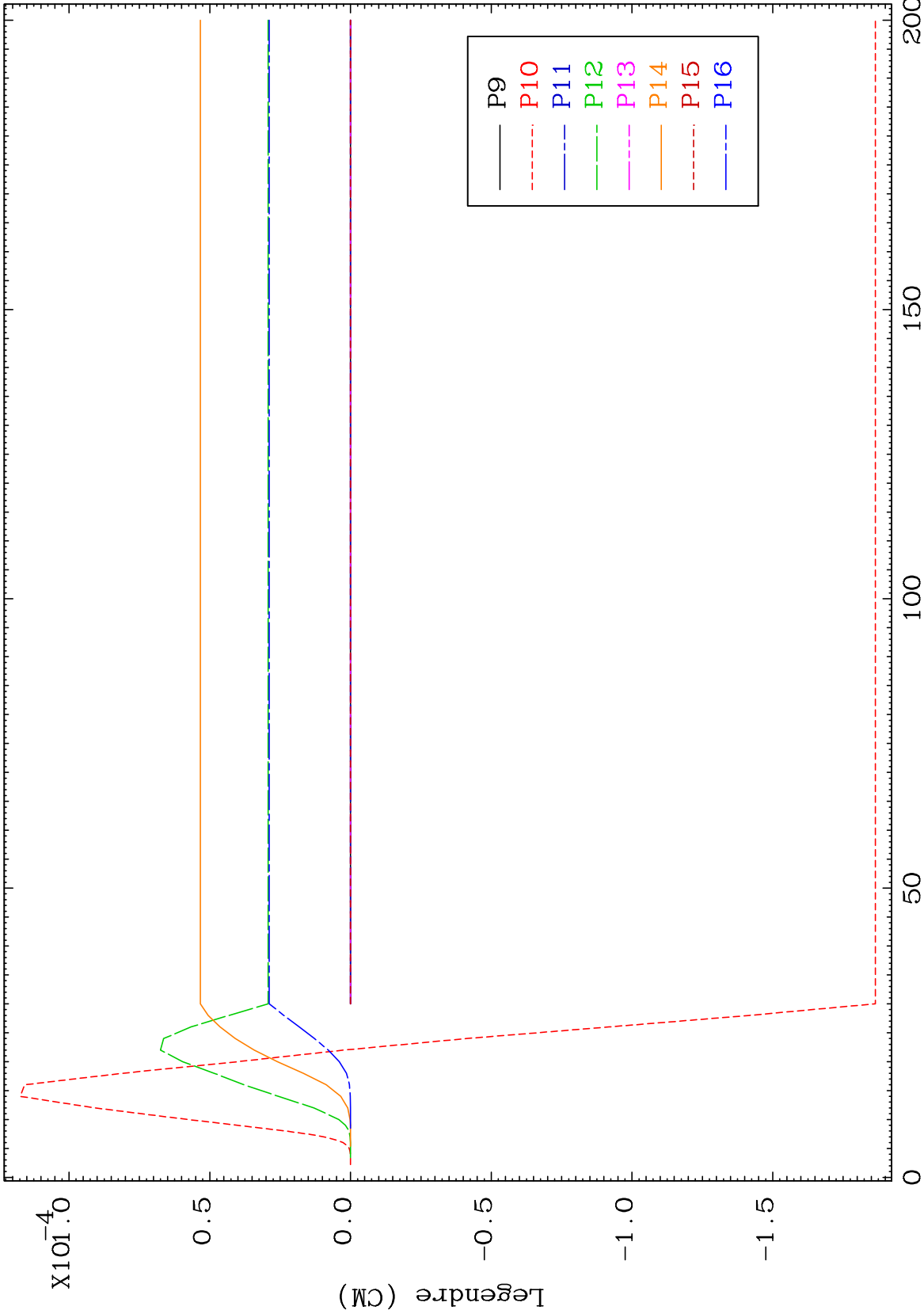
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



97

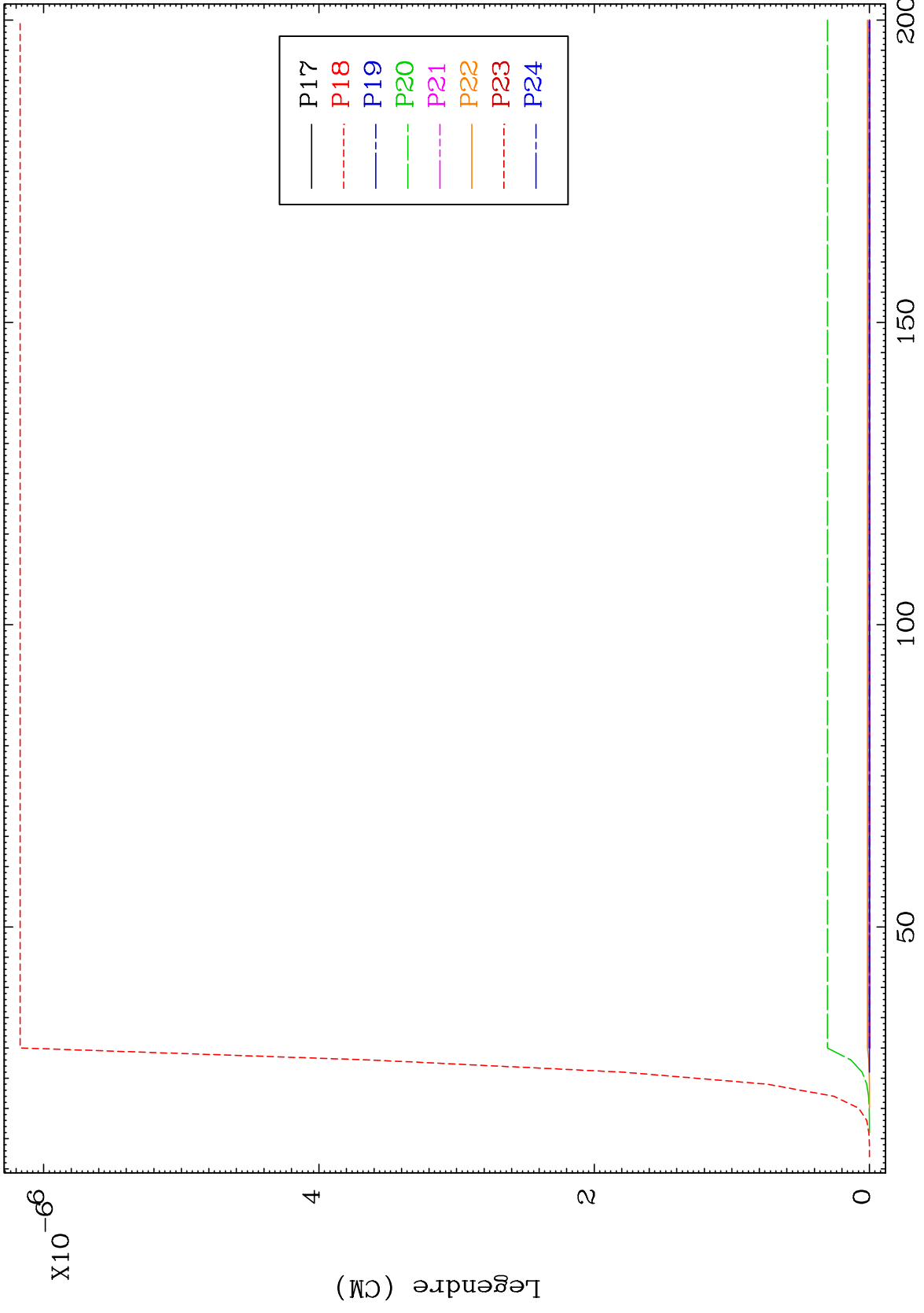
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



98

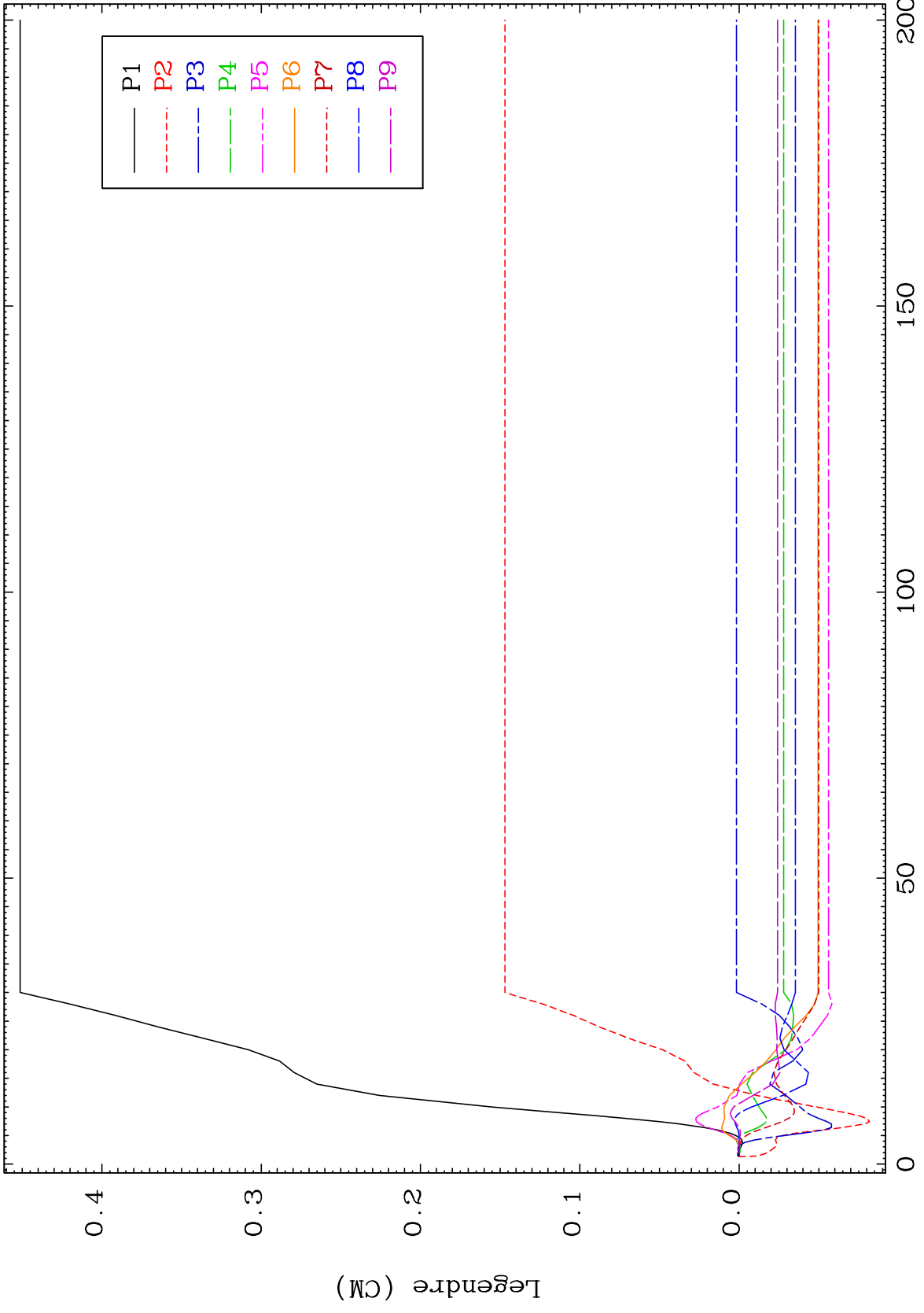
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



99

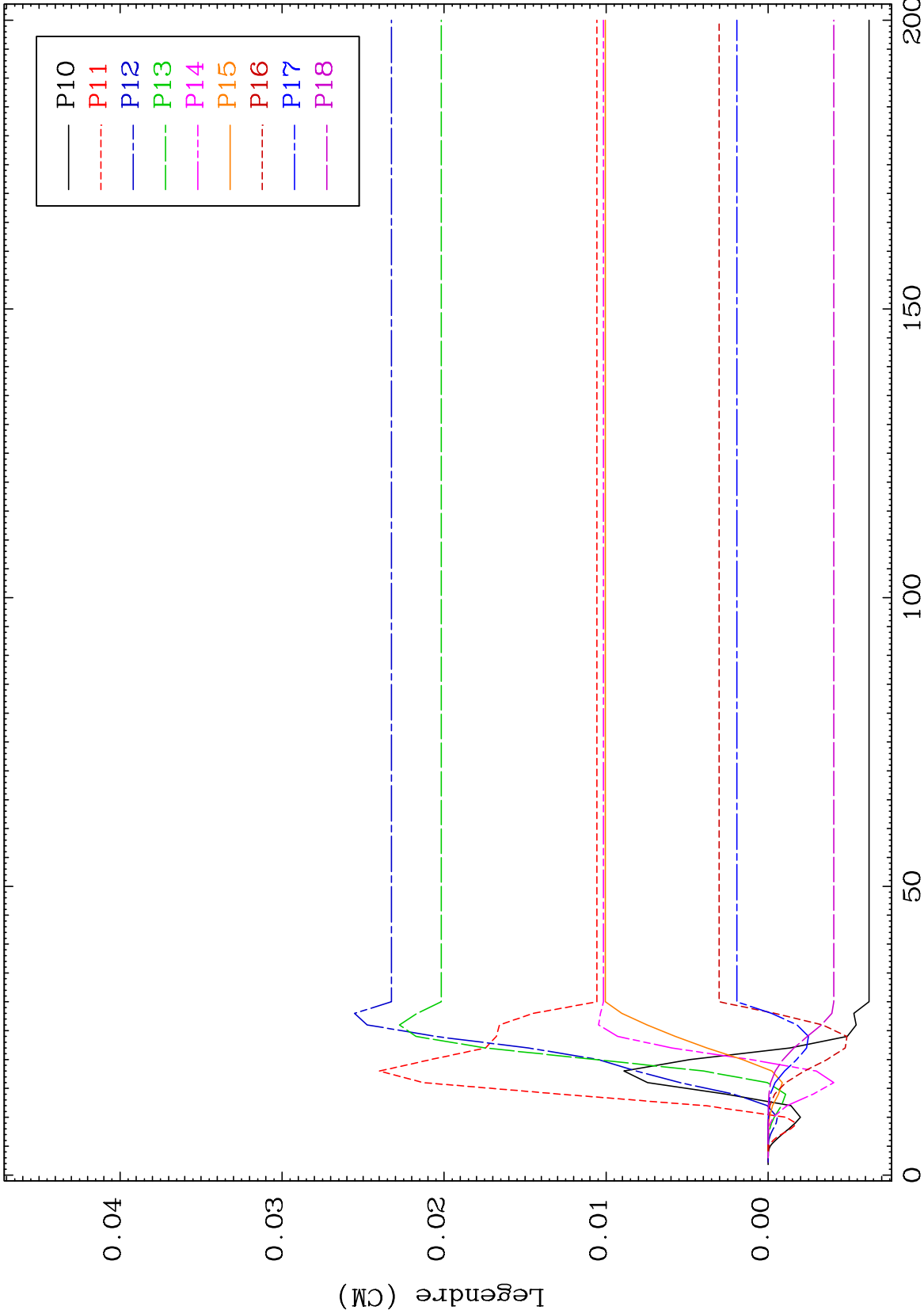
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



55-Cs-136

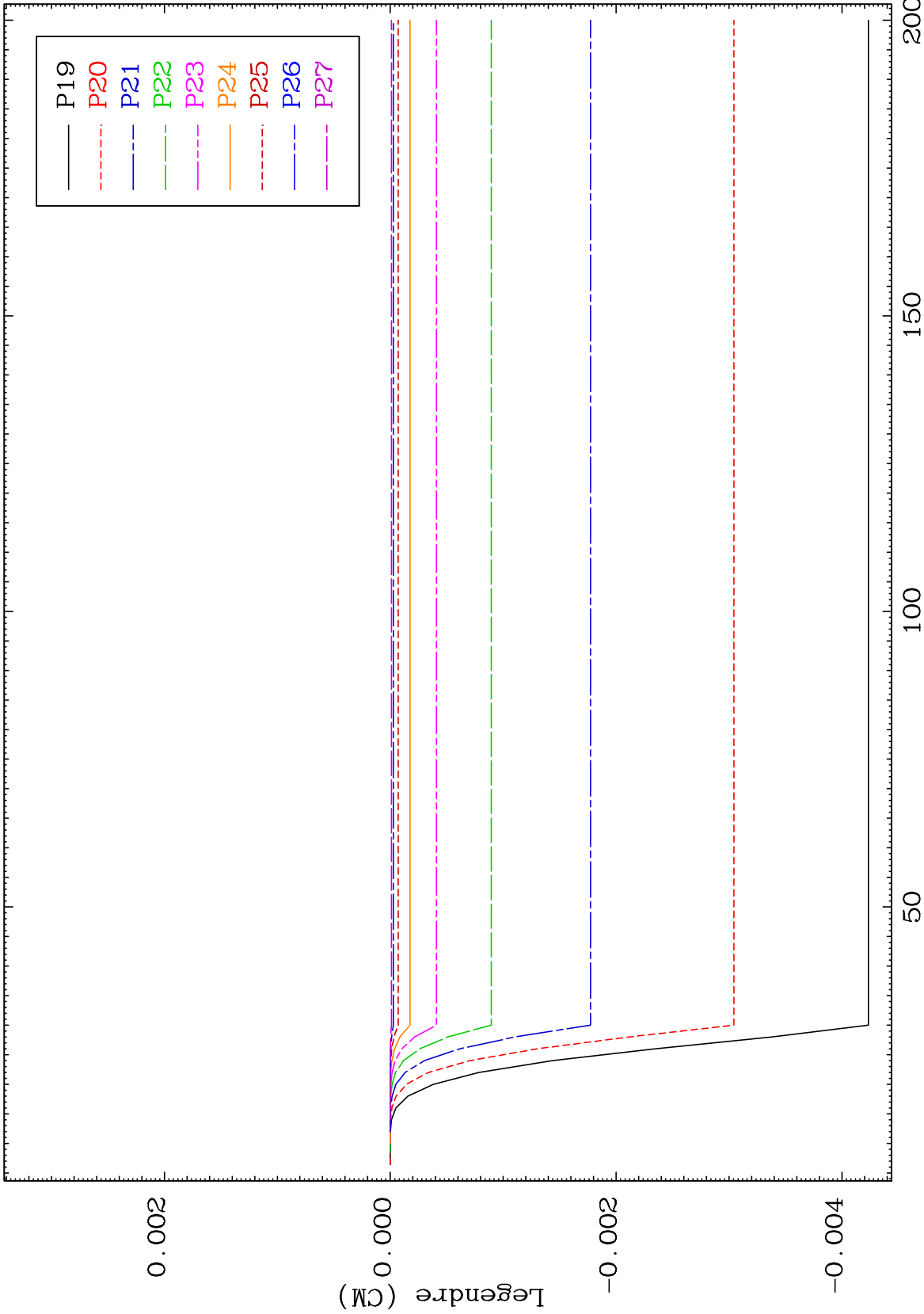
Incident Energy (MeV)

100

MAT 5534

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

55-Cs-136

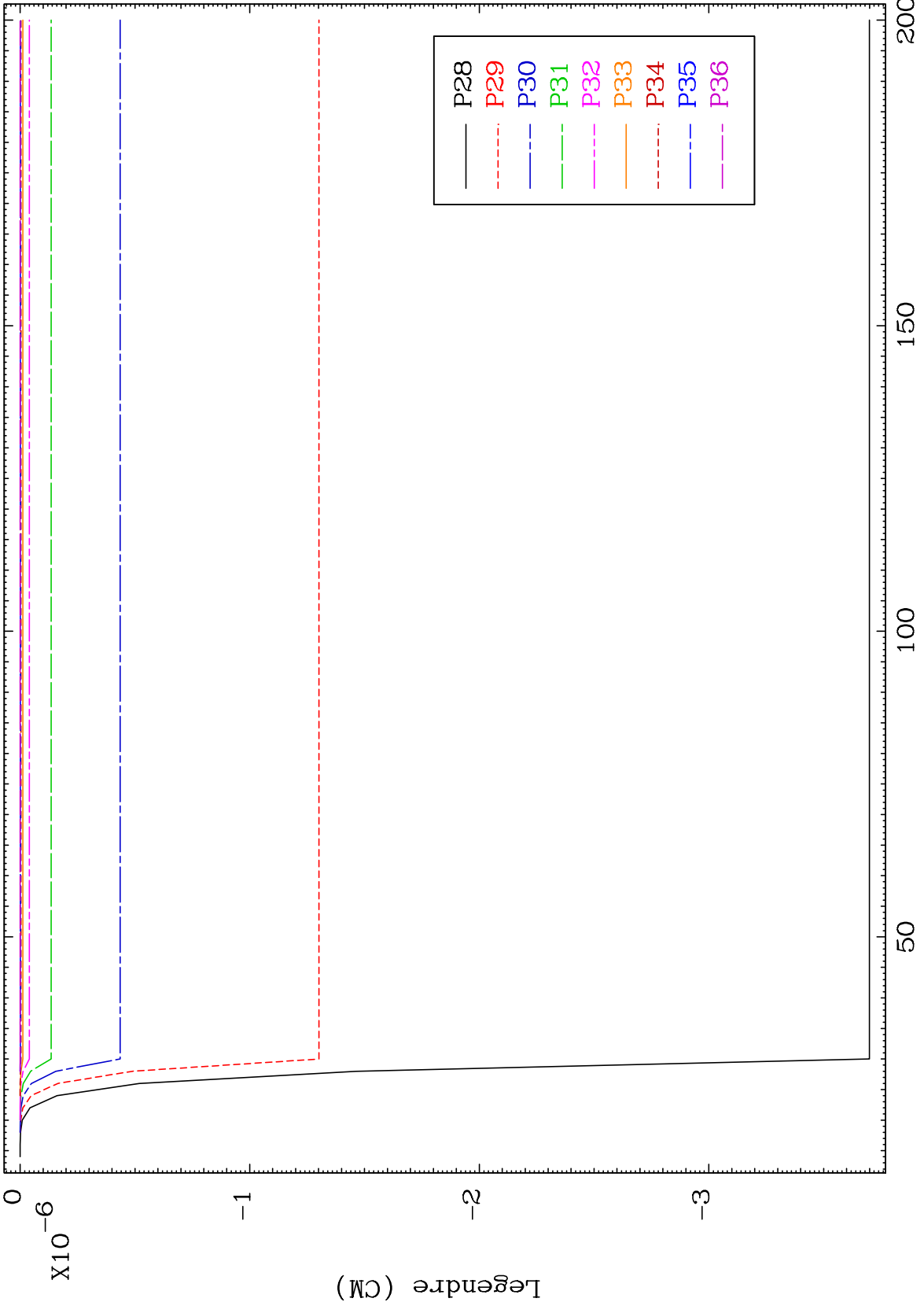


101

Incident Energy (MeV)

55-Cs-136

MAT 5534 MT= 75 (n,n') Level Legendre Coefficients 55-Cs-136

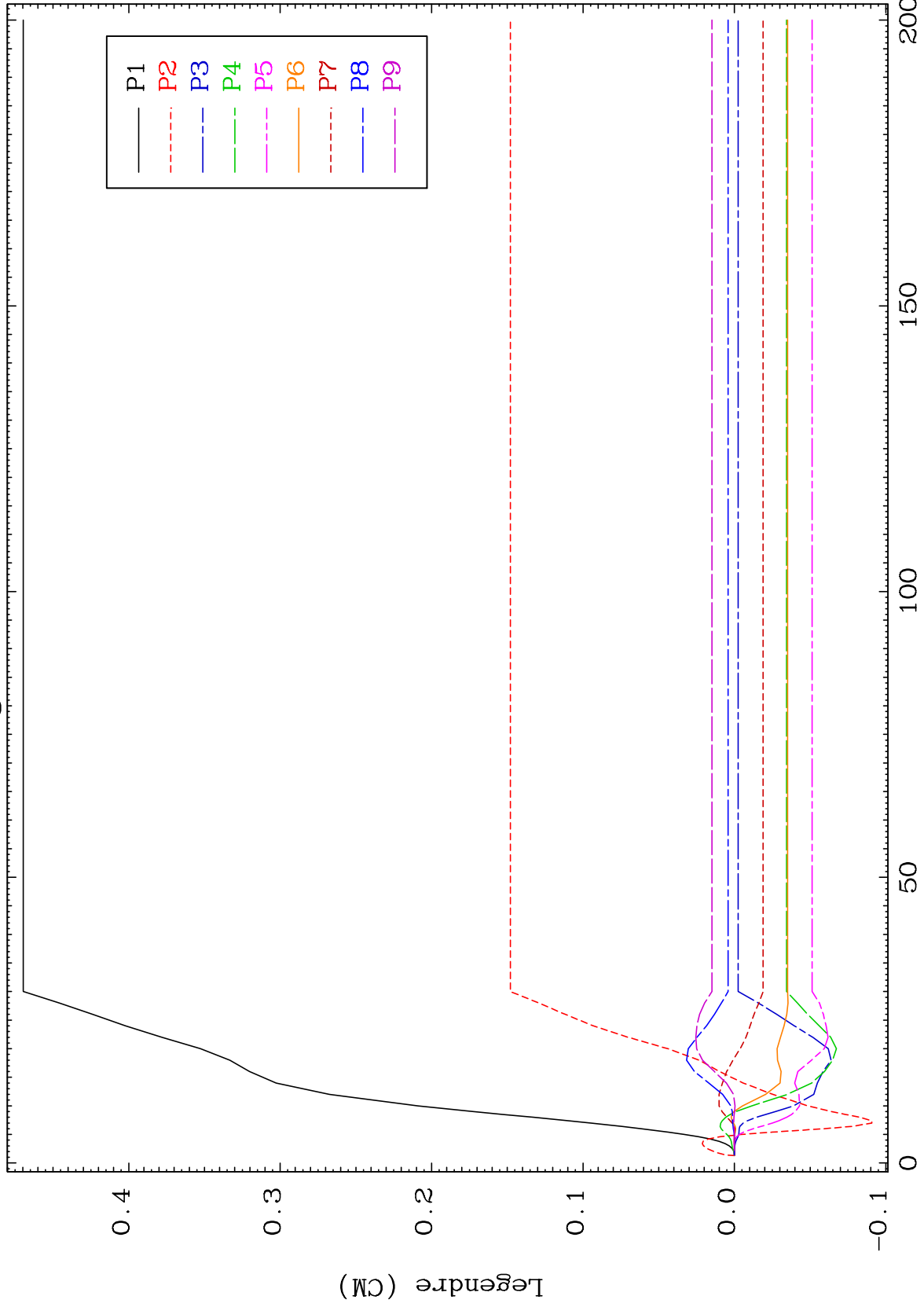


102 Incident Energy (MeV) 55-Cs-136

MAT 5534

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

55-Cs-136



55-Cs-136

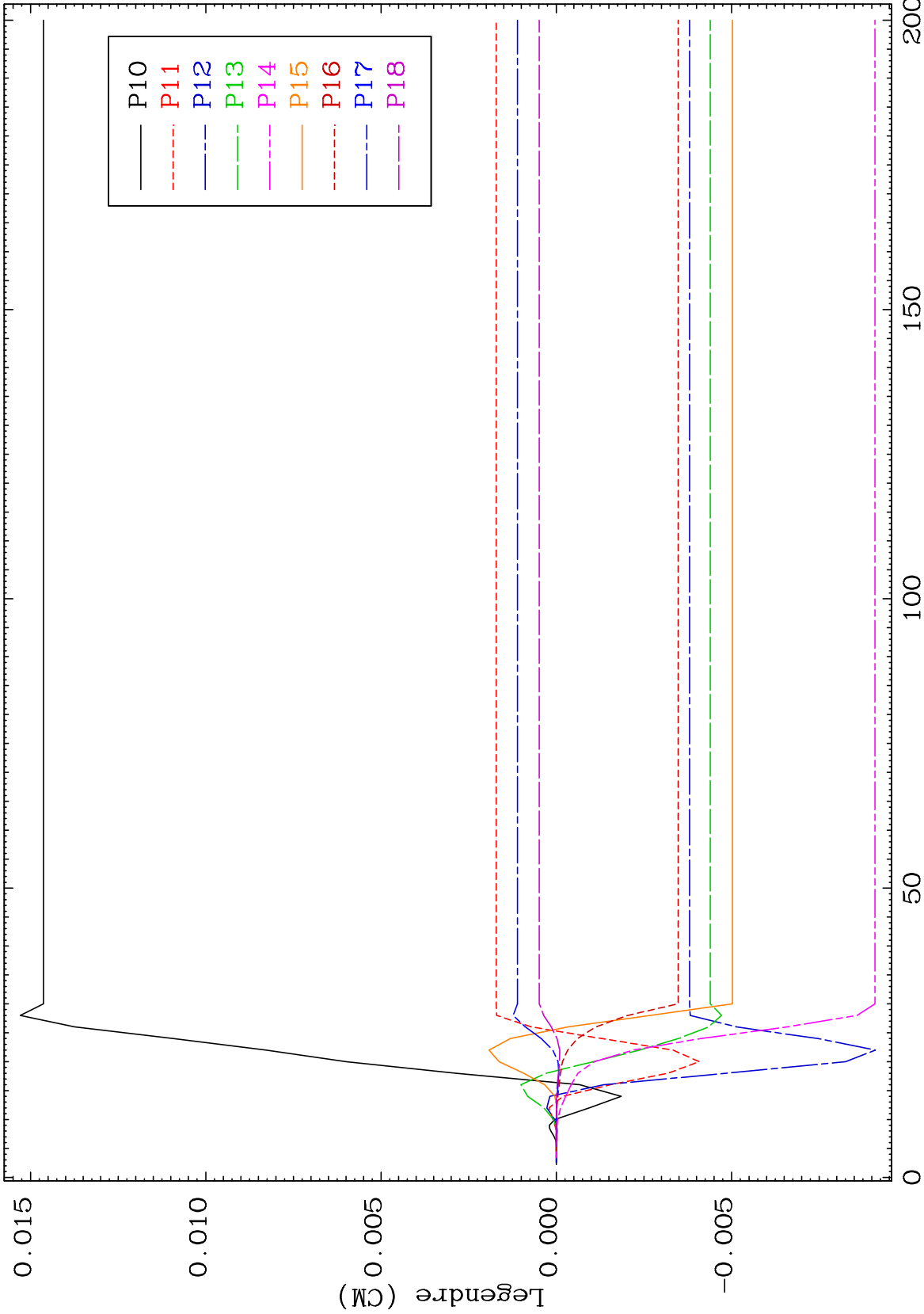
Incident Energy (MeV)

103

MAT 5534

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

55-Cs-136



104

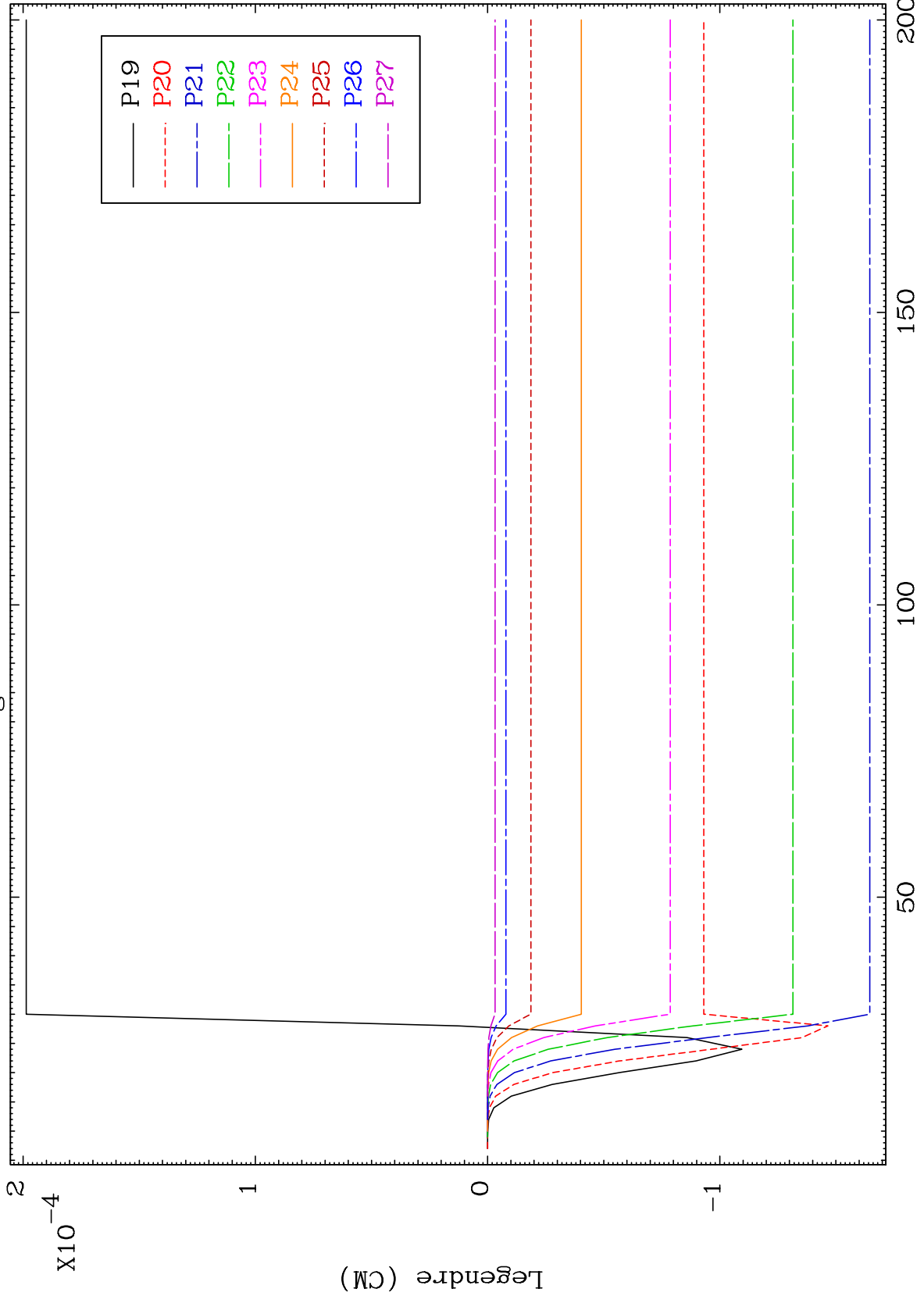
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136

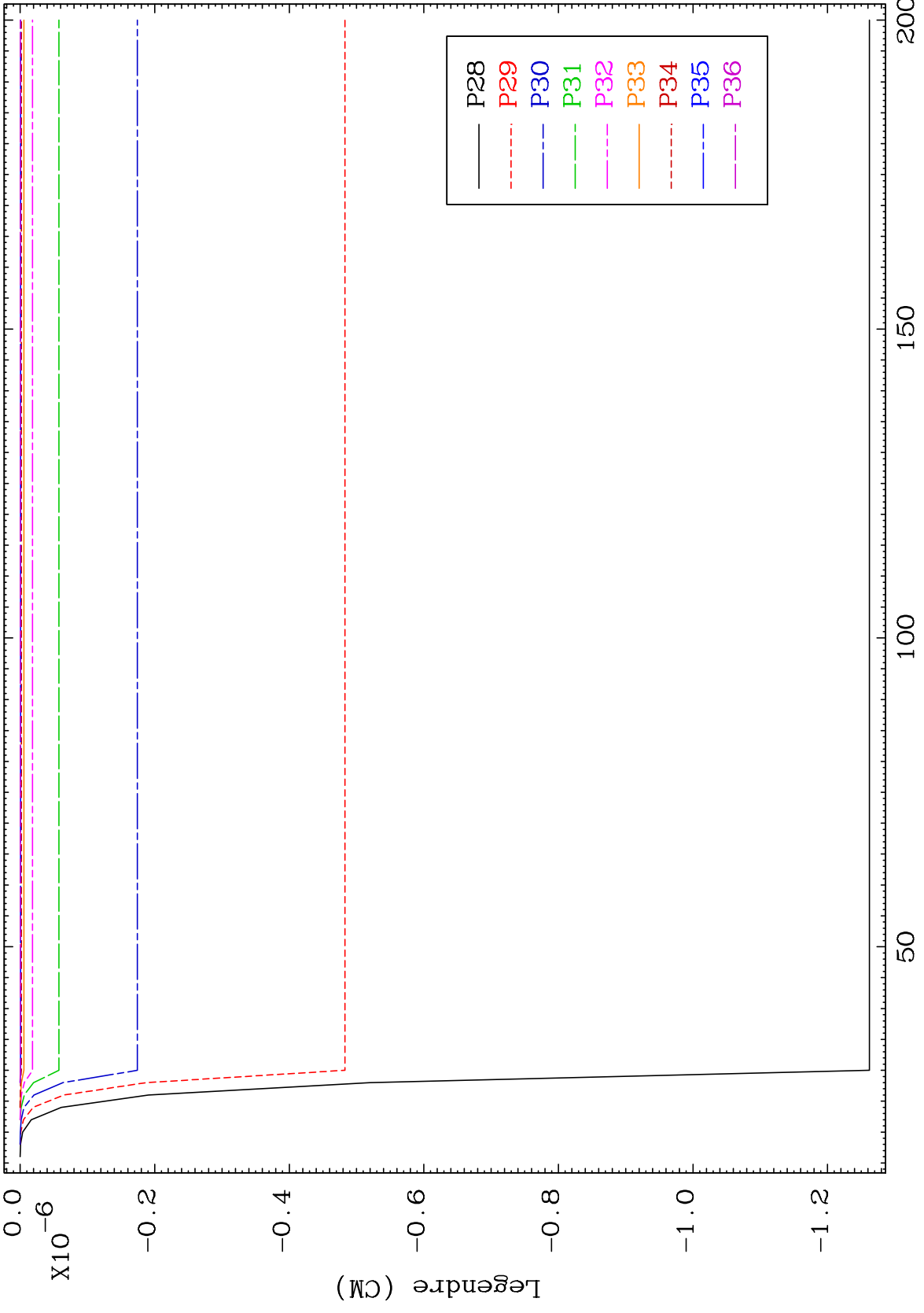


105

Incident Energy (MeV)

55-Cs-136

MAT 5534 MT= 76 (n,n') Level Legendre Coefficients 55-Cs-136

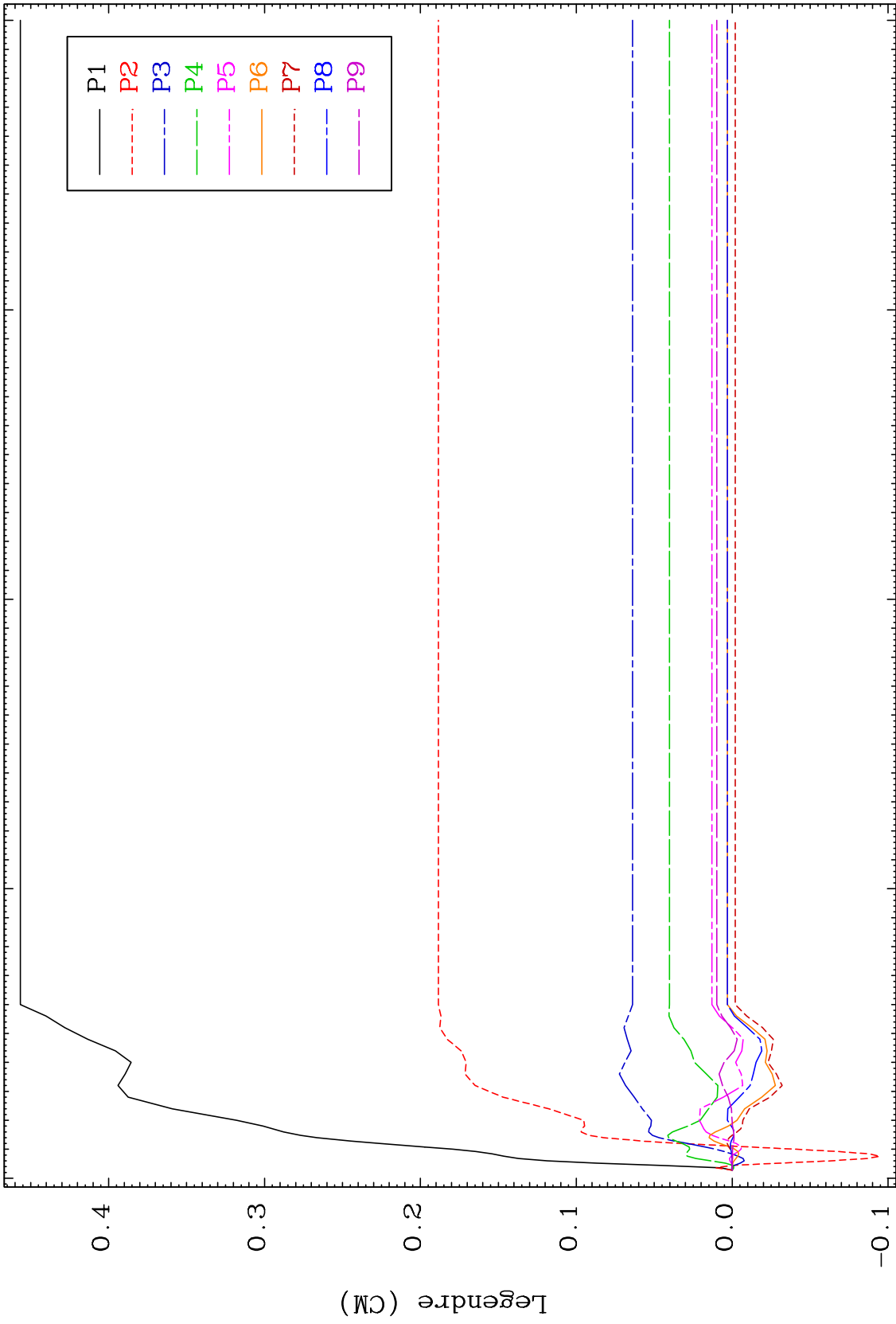


106 55-Cs-136

MAT 5534

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

55-Cs-136



107

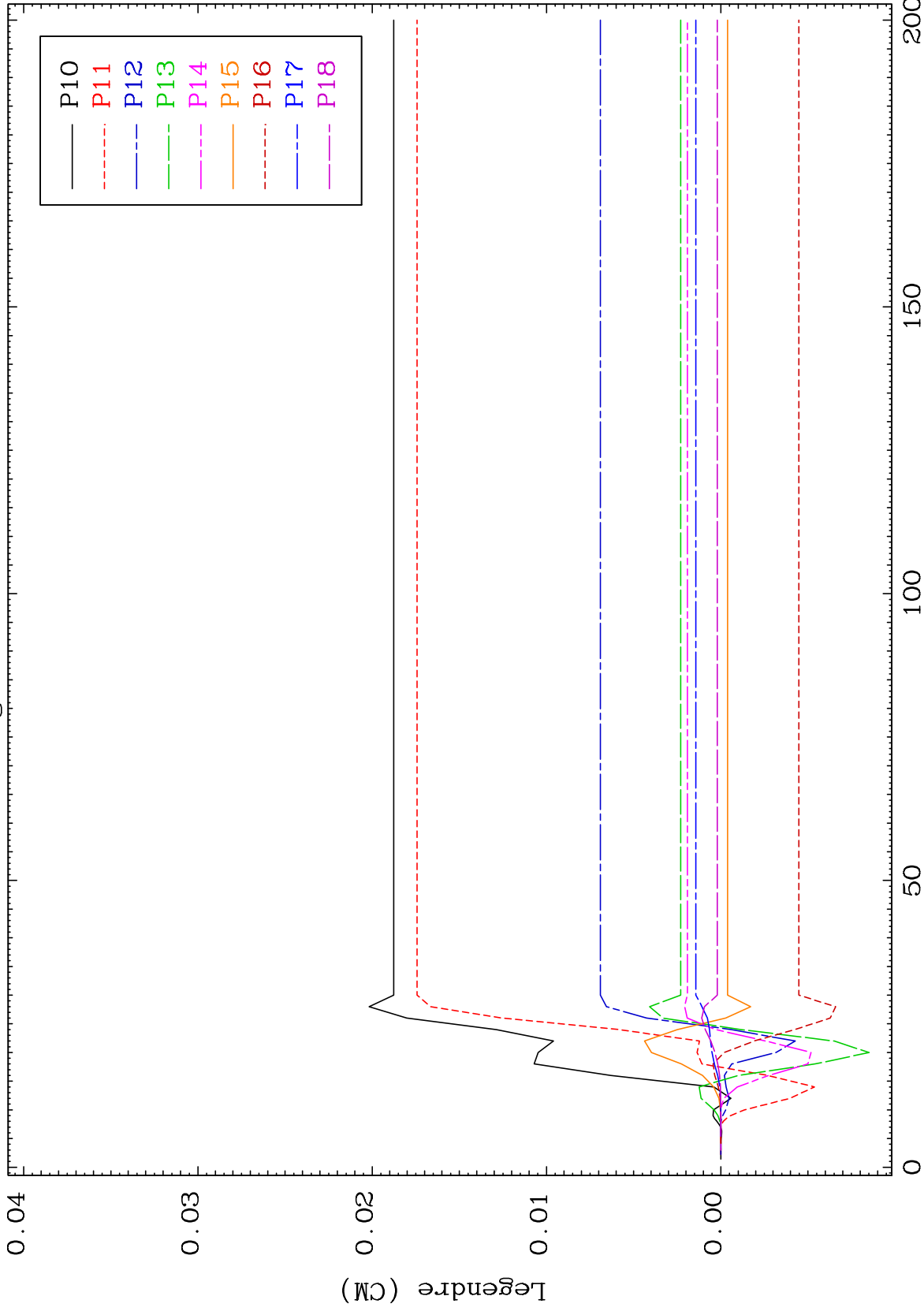
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



108

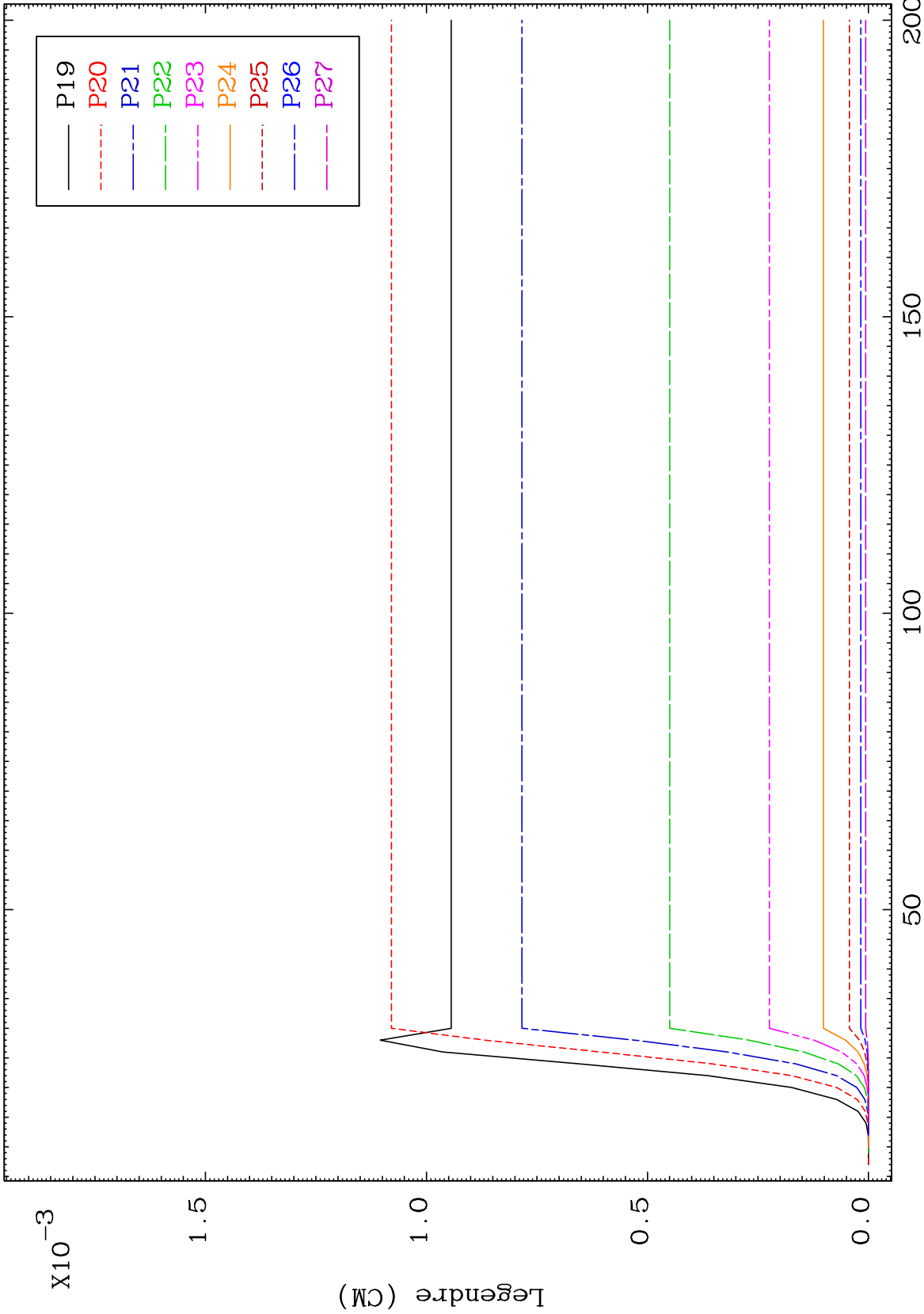
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



109

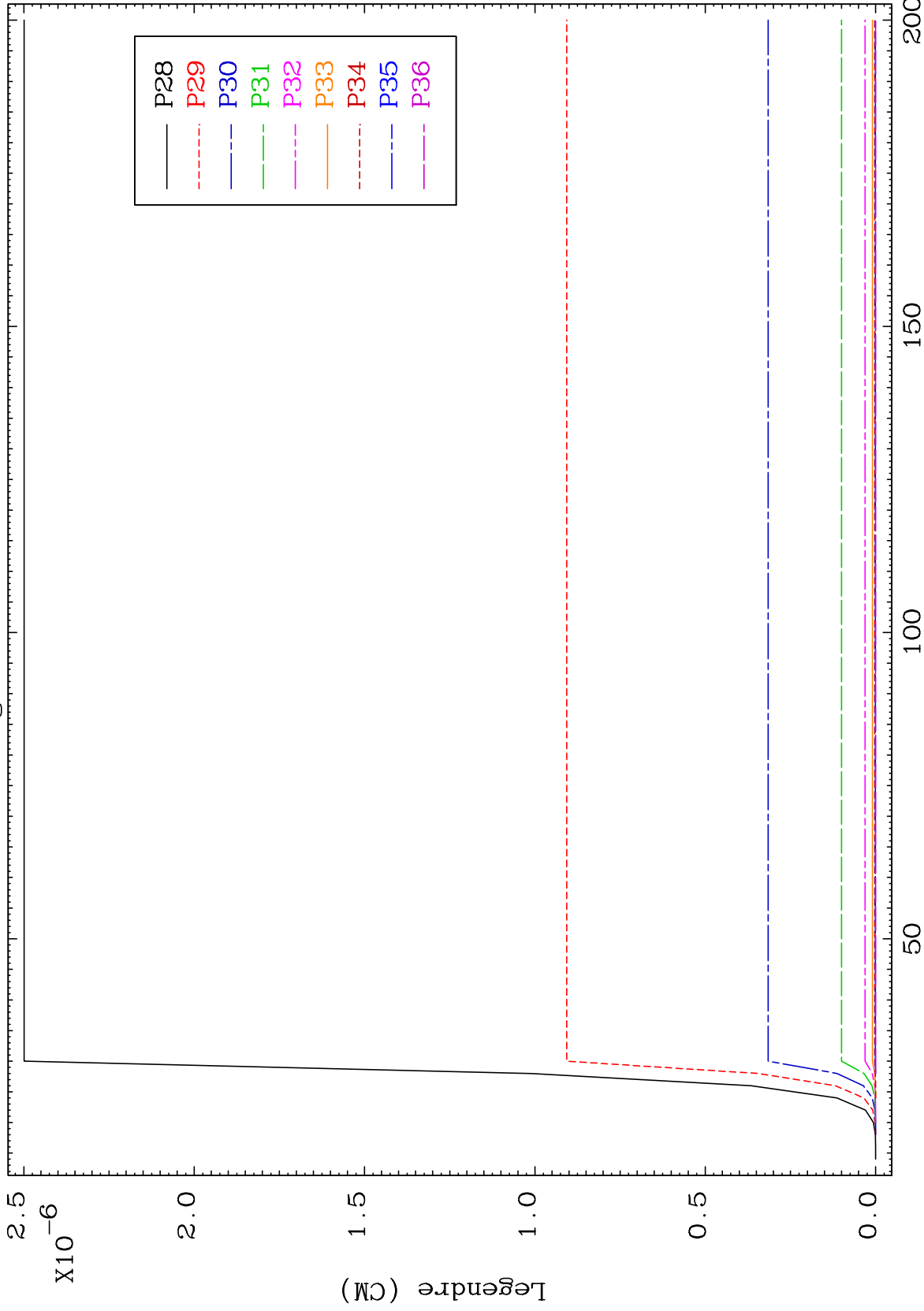
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



110

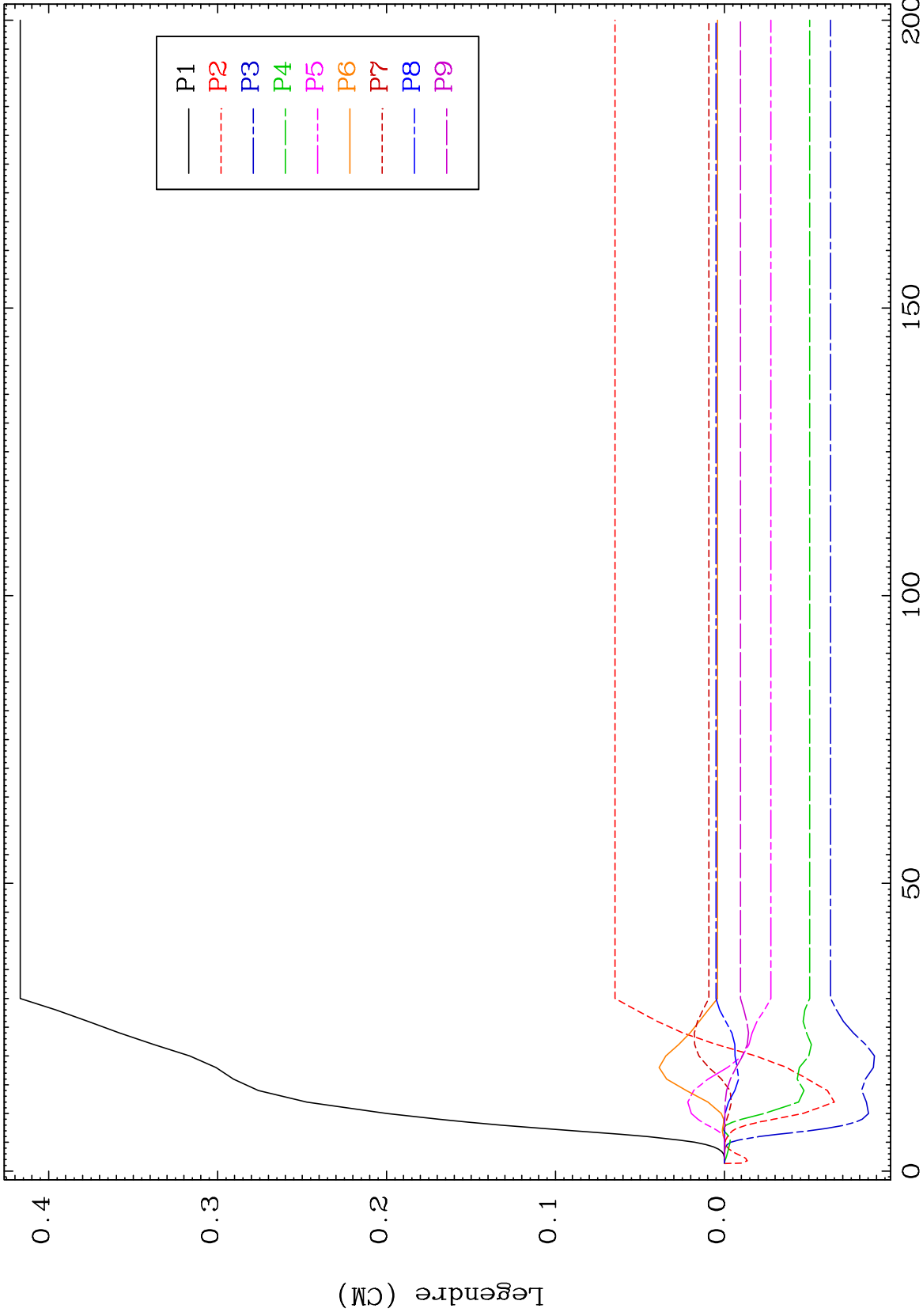
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136

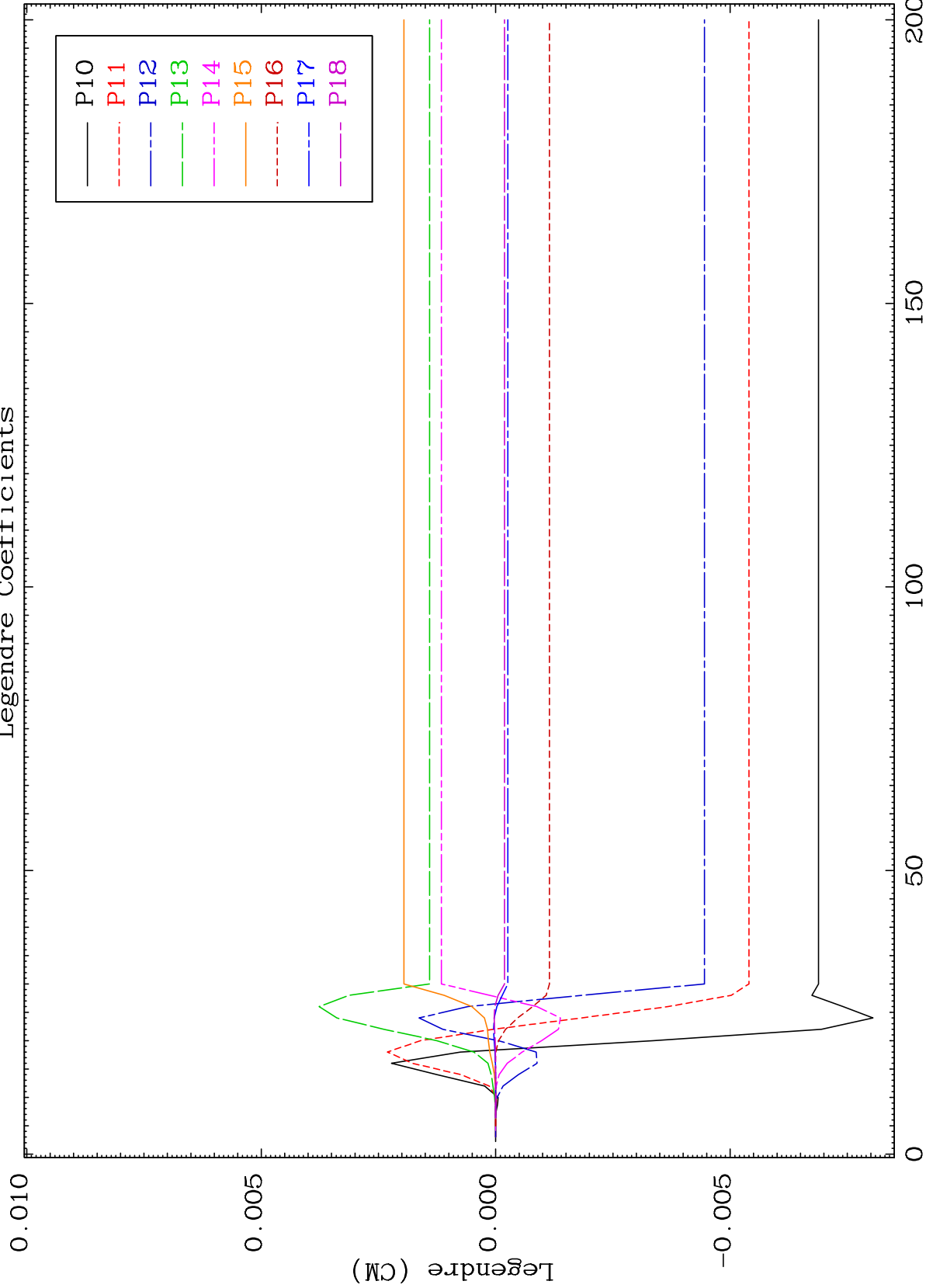


111

Incident Energy (MeV)

55-Cs-136

MAT 5534 MT= 78 (n,n') Level Legendre Coefficients 55-Cs-136



55-Cs-136

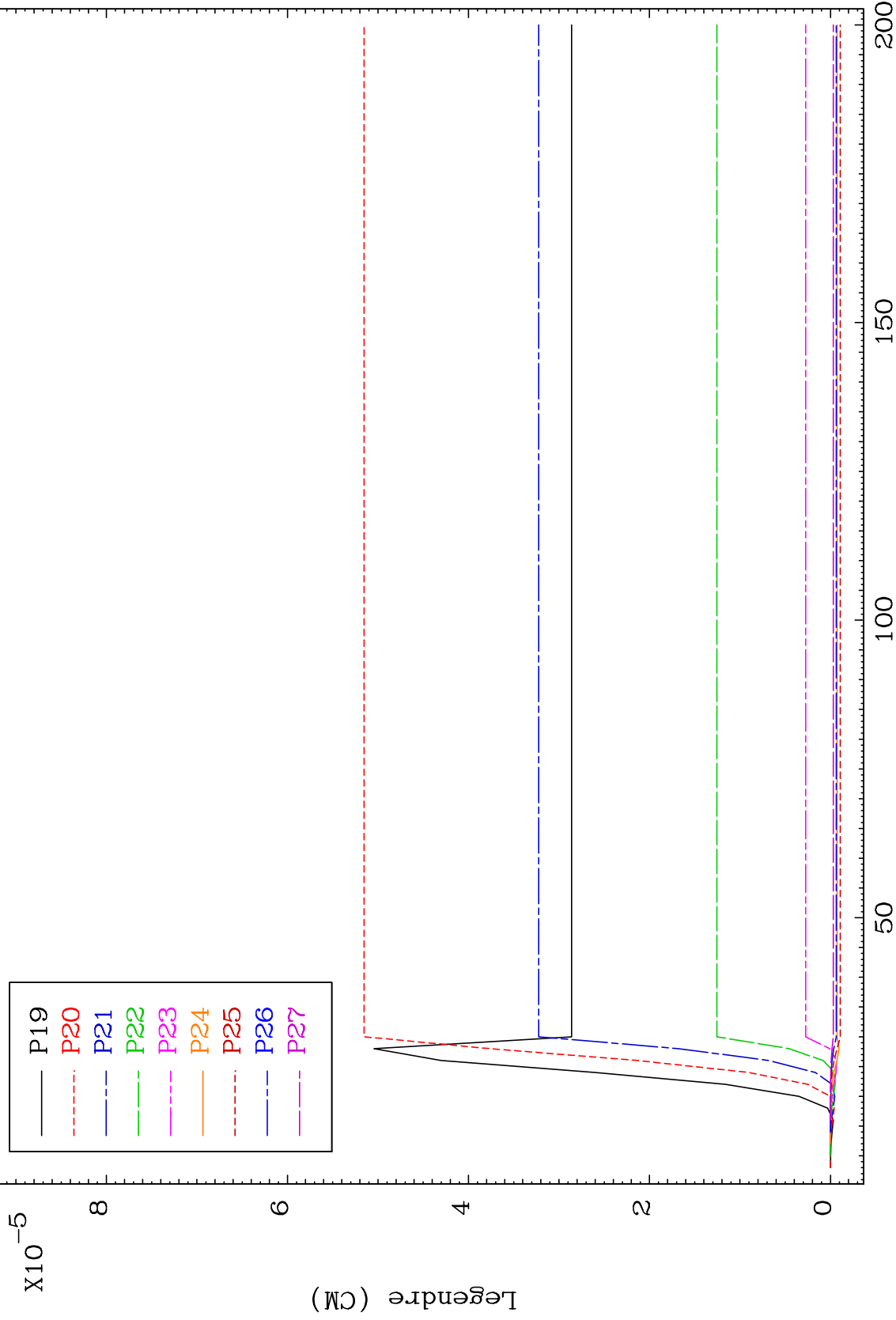
Incident Energy (MeV)

112

MAT 5534

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

55-Cs-136



113

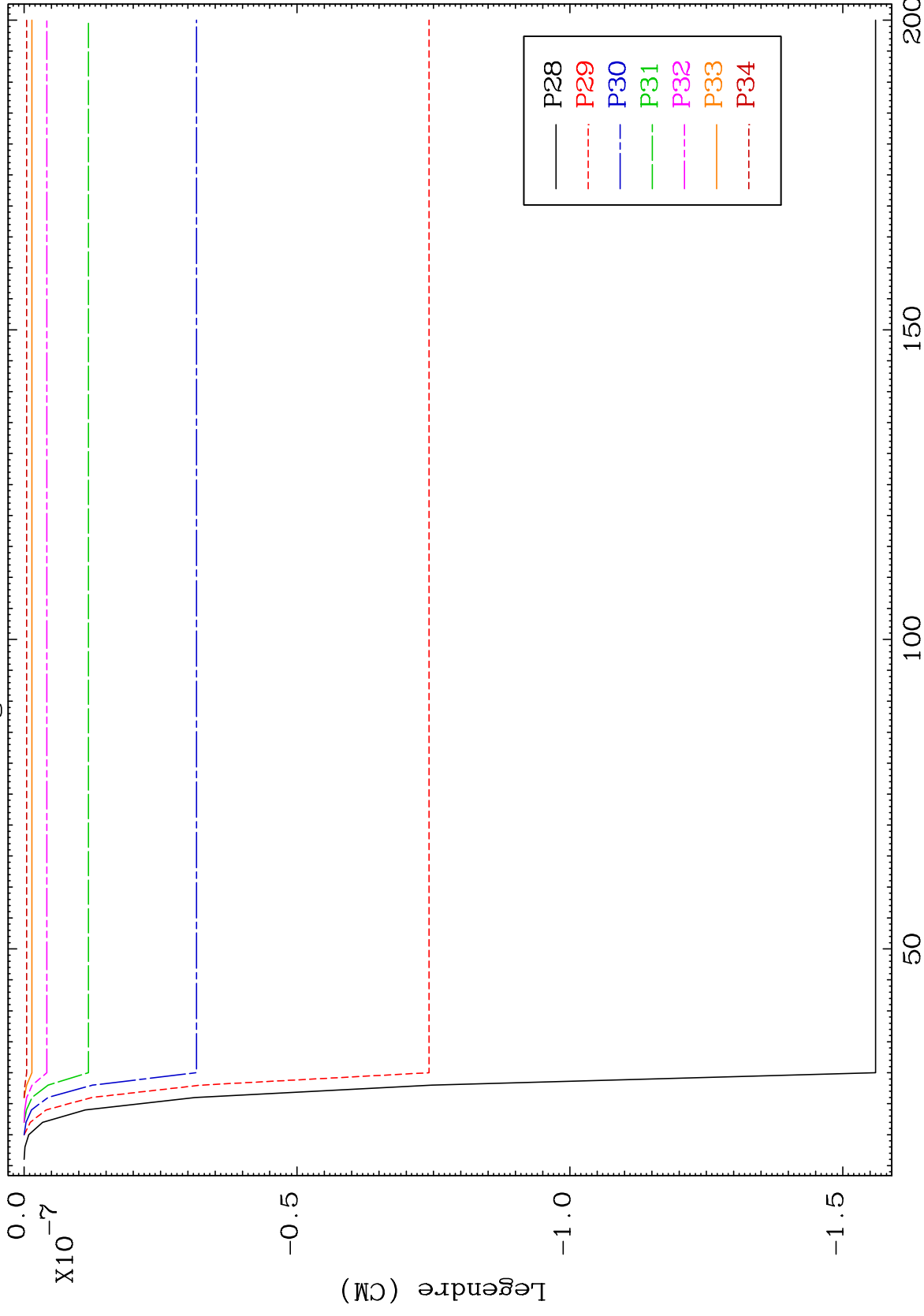
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



55-Cs-136

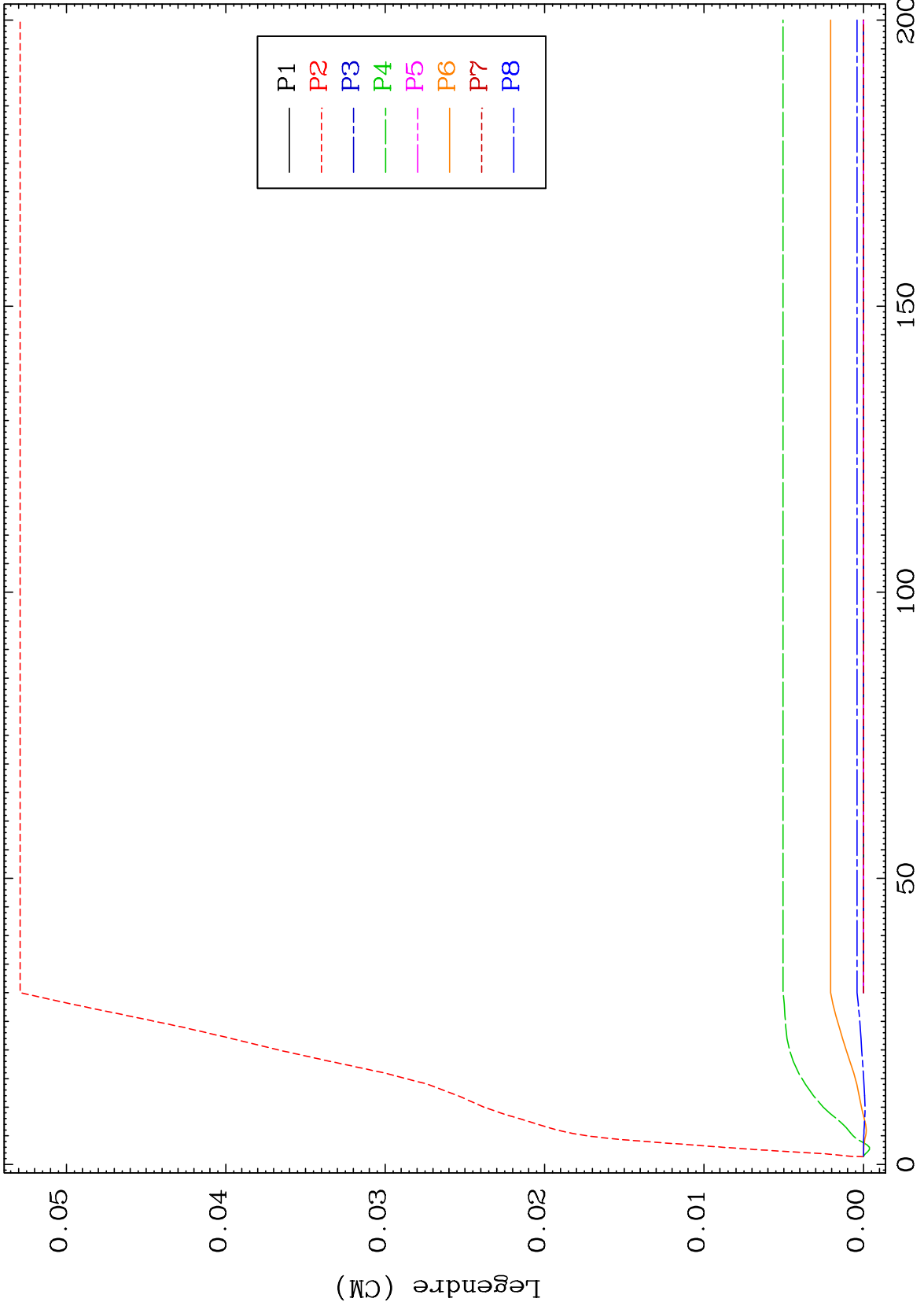
Incident Energy (MeV)

114

MAT 5534

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

55-Cs-136

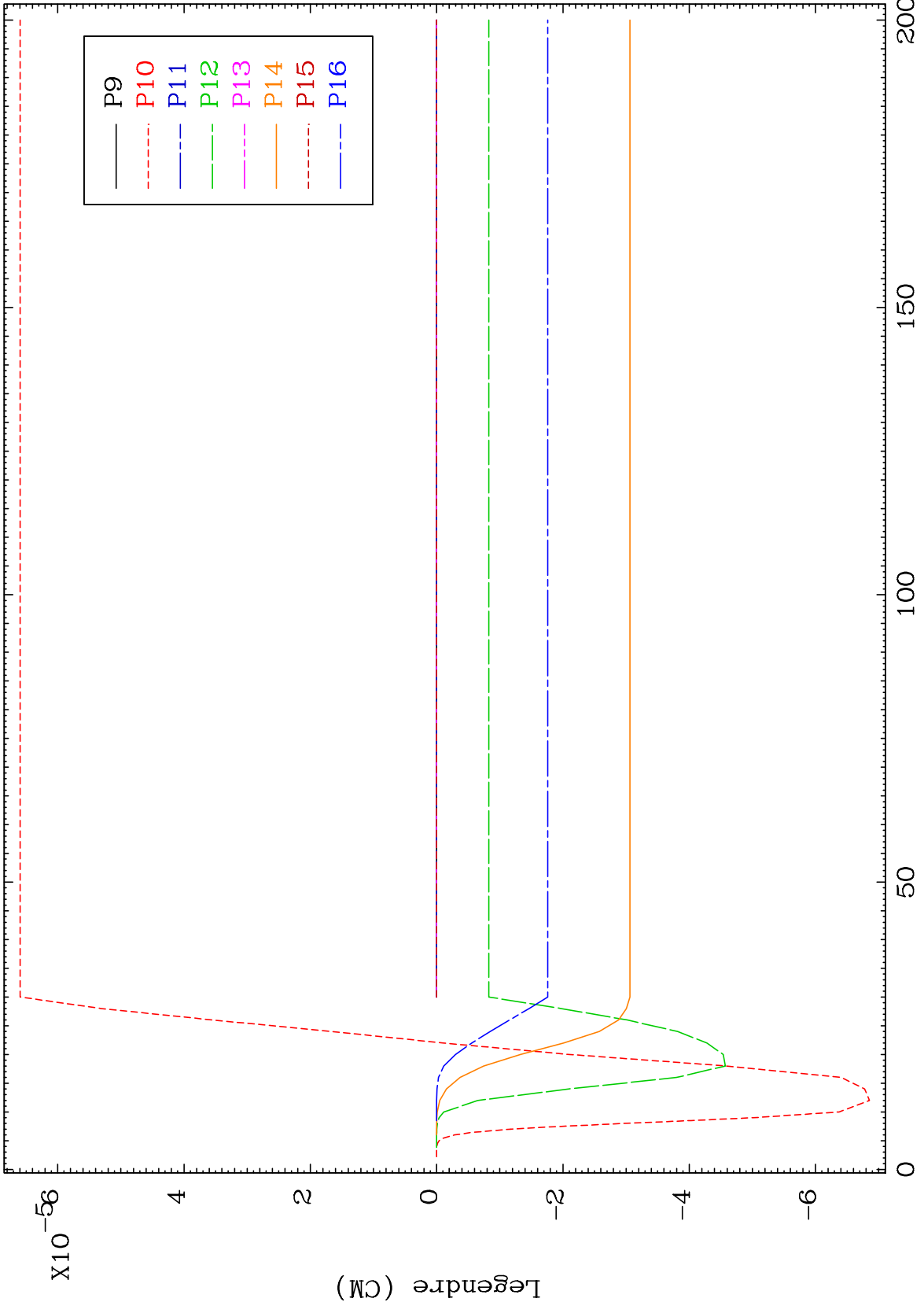


55-Cs-136

Incident Energy (MeV)

115

MAT 5534 MT= 79 (n,n') Level Legendre Coefficients 55-Cs-136

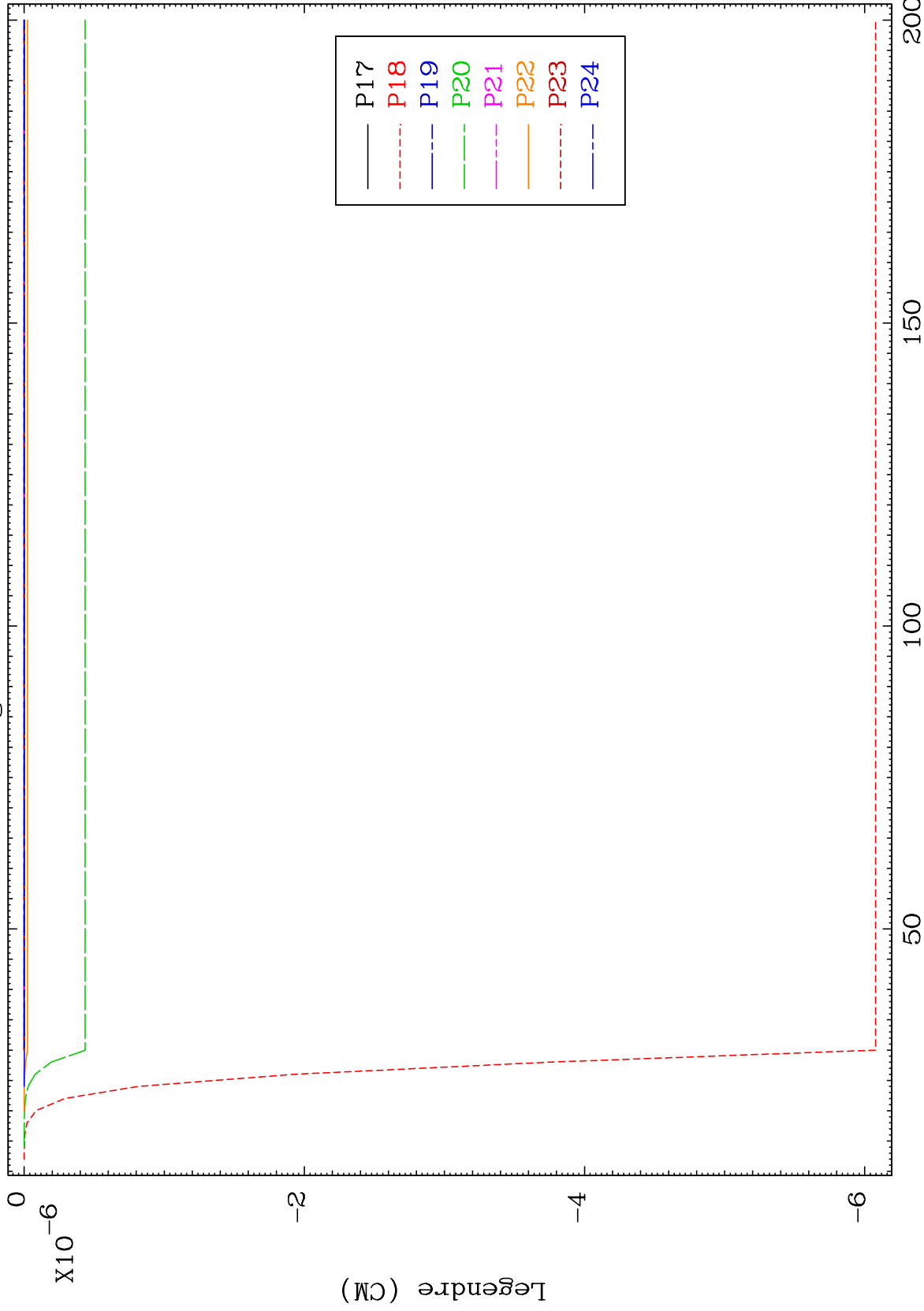


116 Incident Energy (MeV) 55-Cs-136

MAT 5534

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

55-Cs-136



117

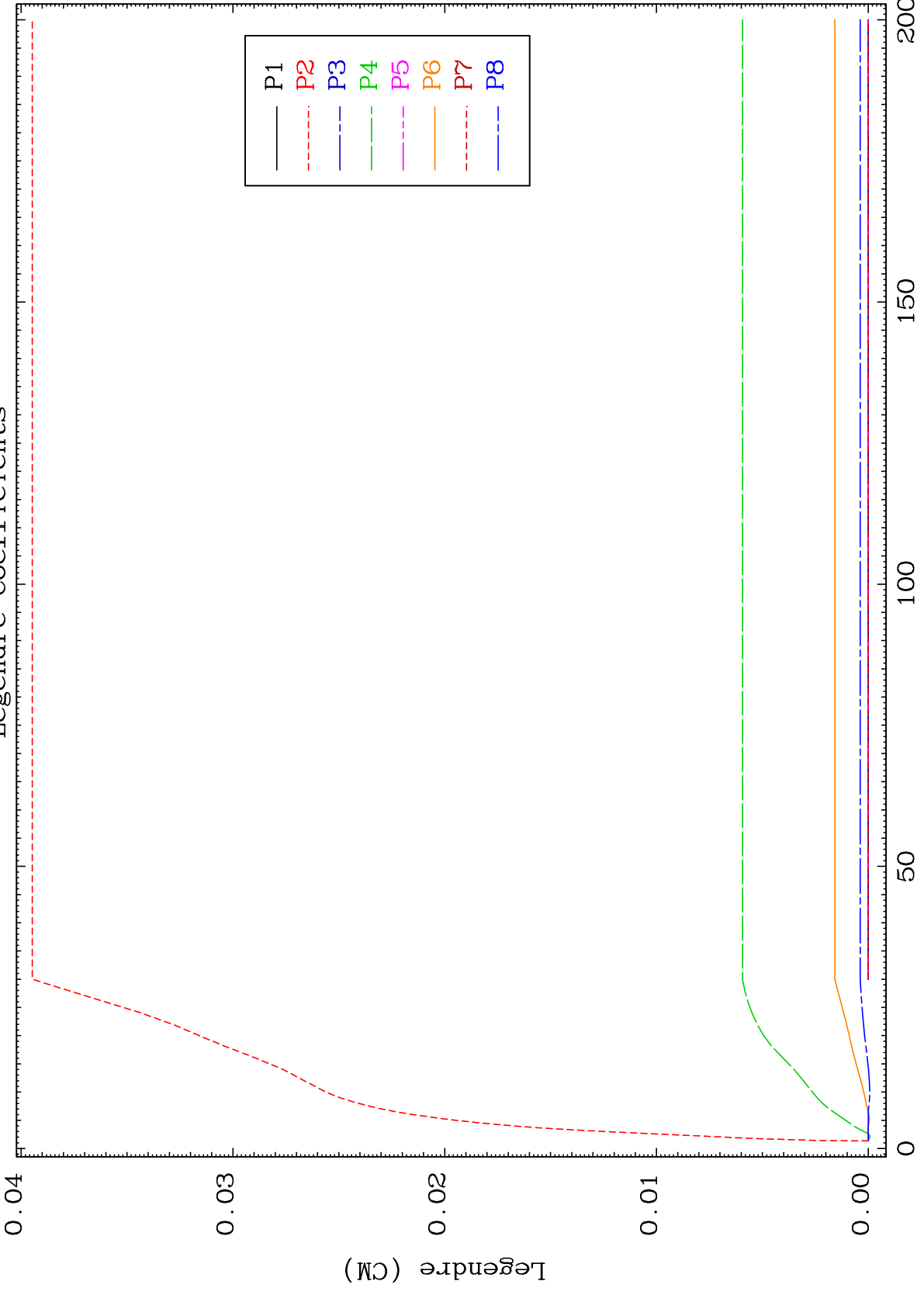
Incident Energy (MeV)

55-Cs-136

MAT 5534 MT= 80 (n,n') Level Legendre Coefficients

55-Cs-136

118



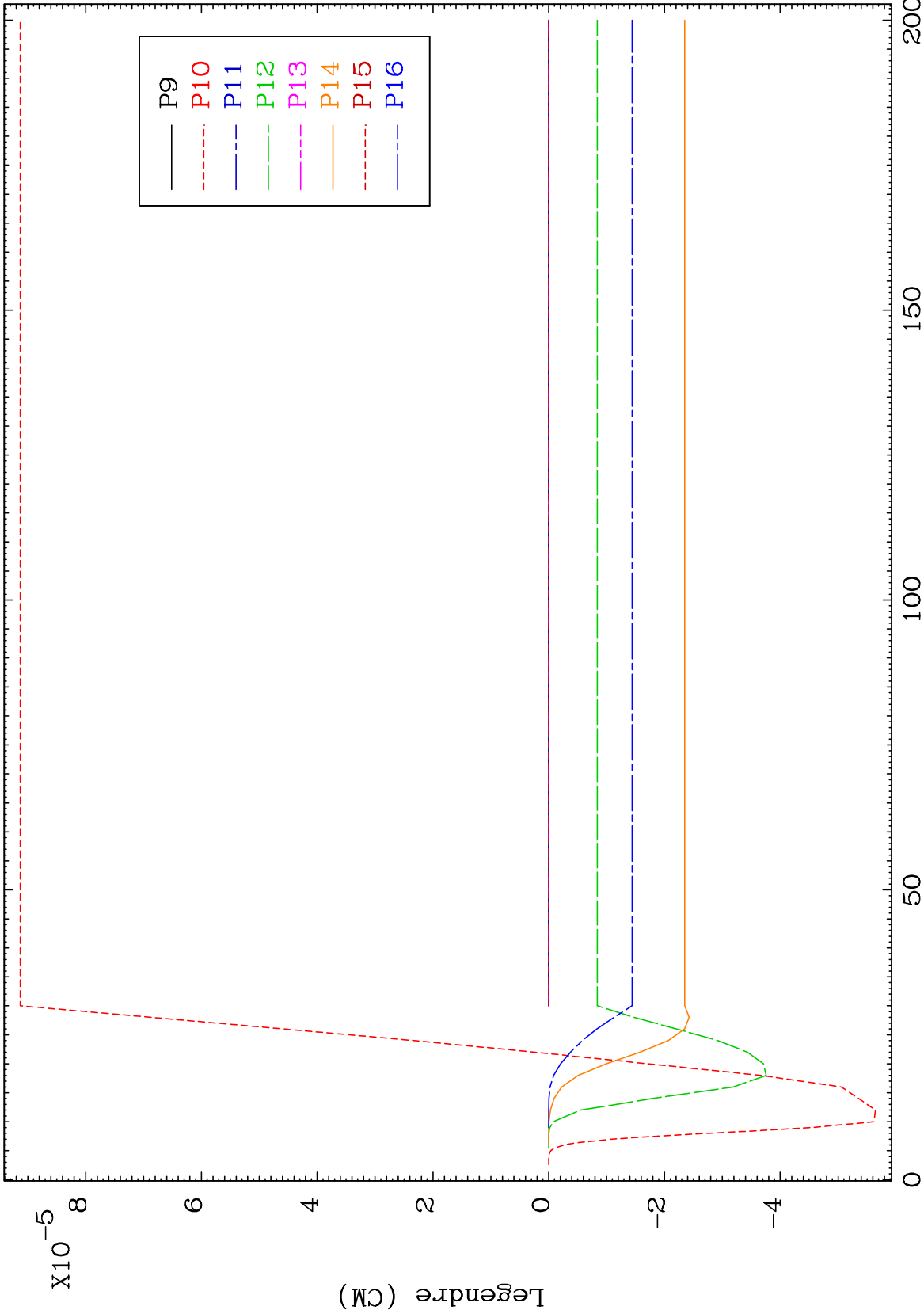
55-Cs-136

118

MAT 5534

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

55-Cs-136

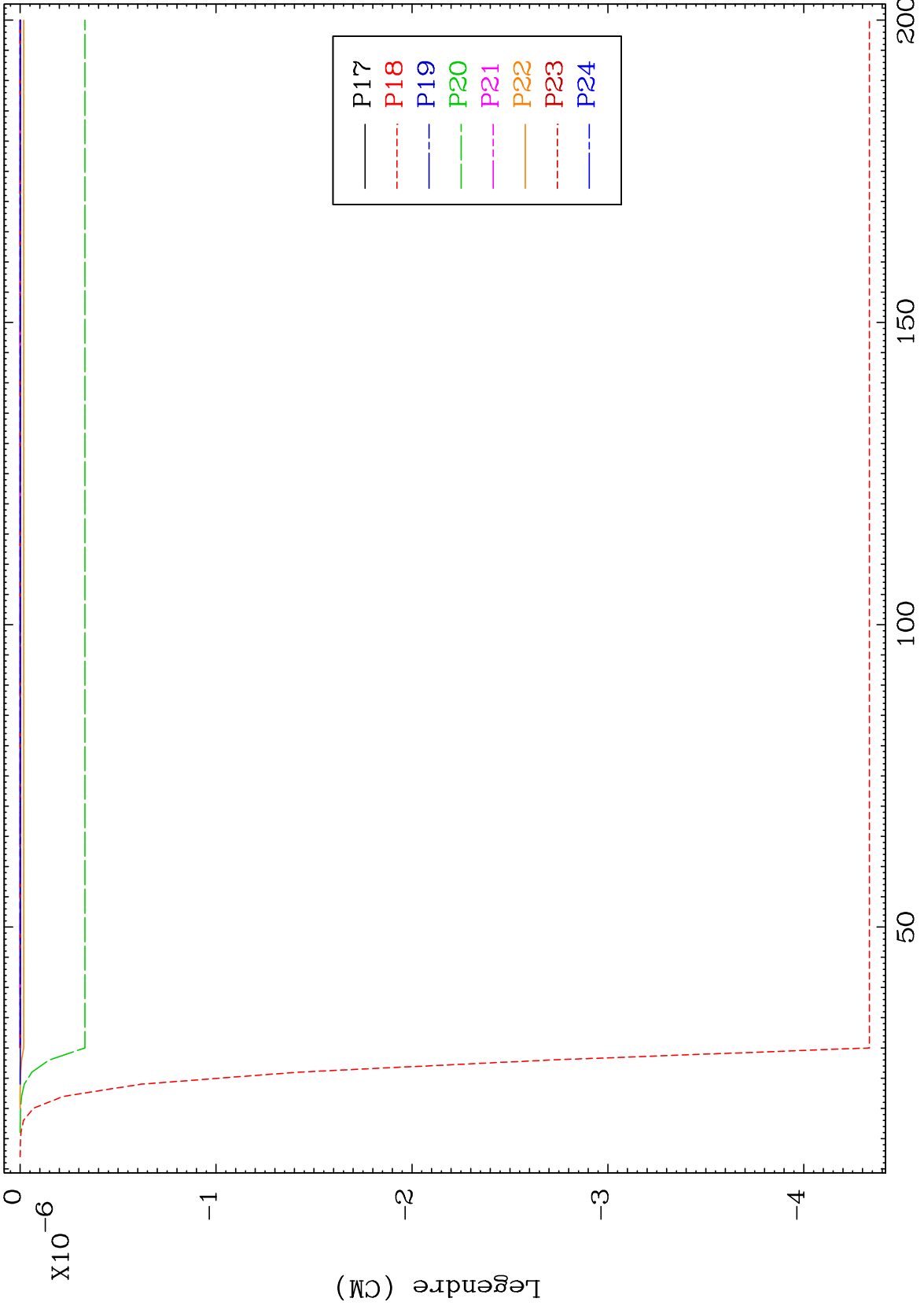


119

Incident Energy (MeV)

55-Cs-136

MAT 5534 MT= 80 (n,n') Level Legendre Coefficients 55-Cs-136

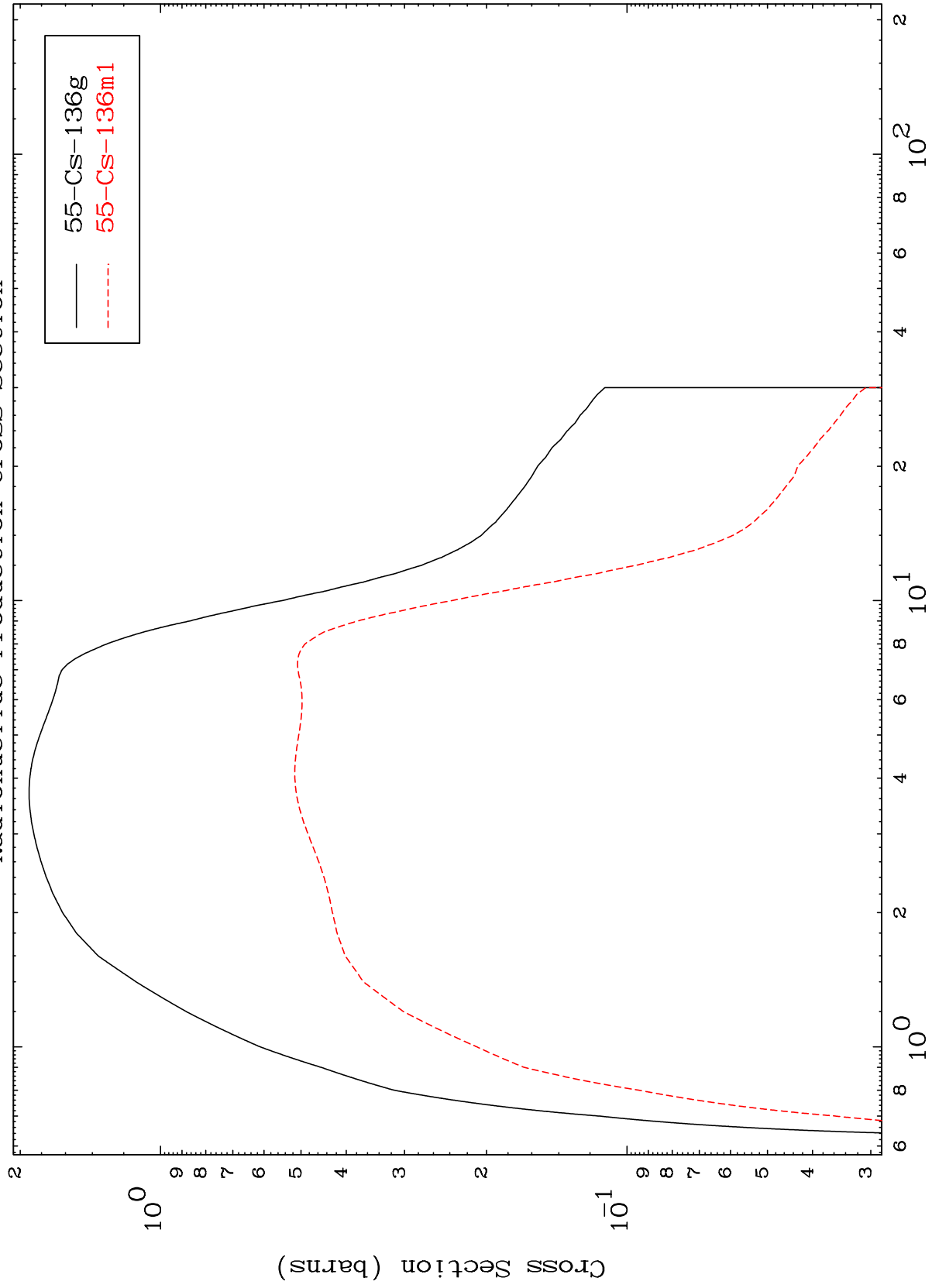


120 Incident Energy (MeV) 55-Cs-136

MAT 5534

Inelastic
Radionuclide Production Cross Section

55-Cs-136



121

Incident Energy (MeV)

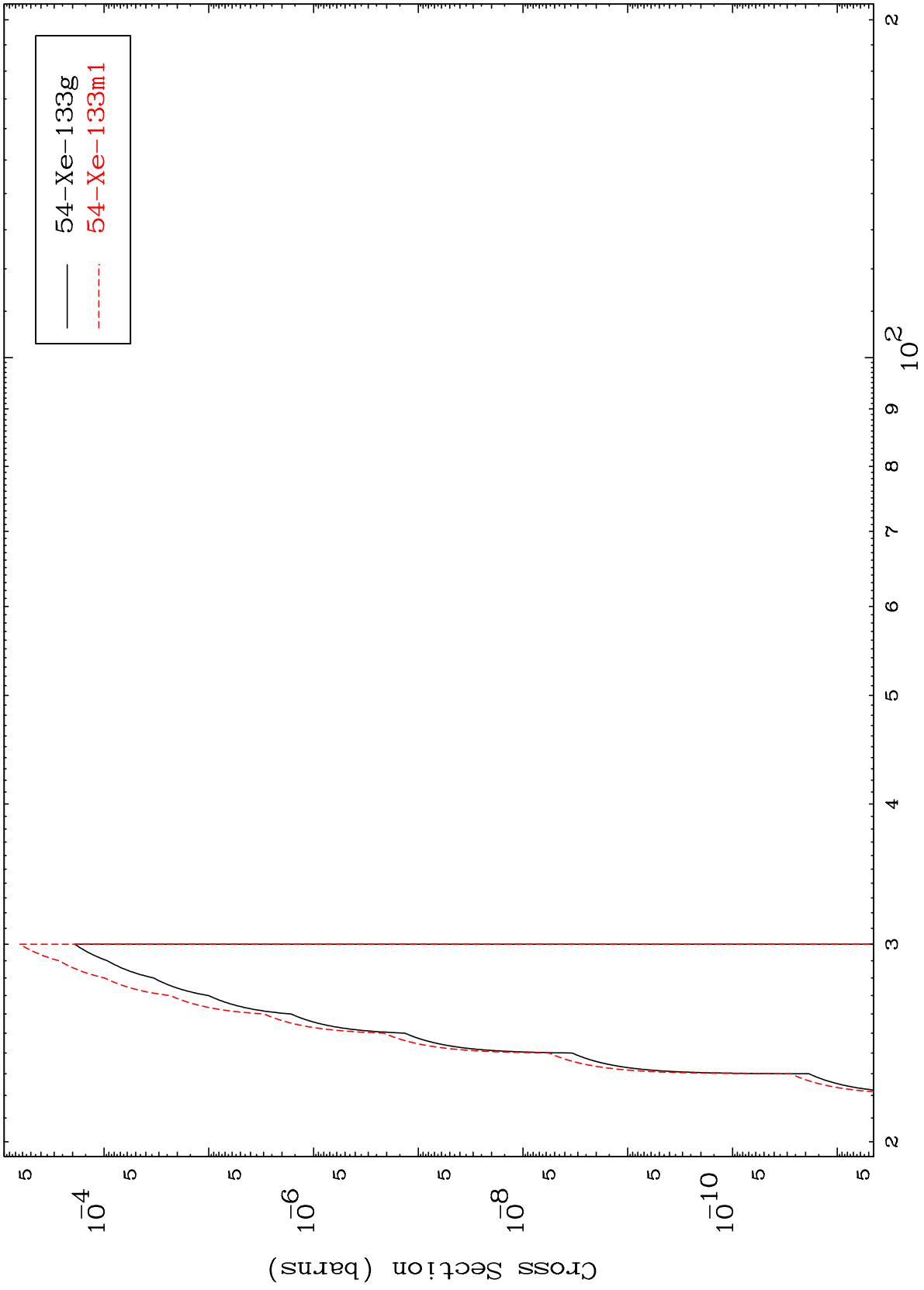
55-Cs-136

MAT 5534

(n,2n) d

55-Cs-136

Radionuclide Production Cross Section



122

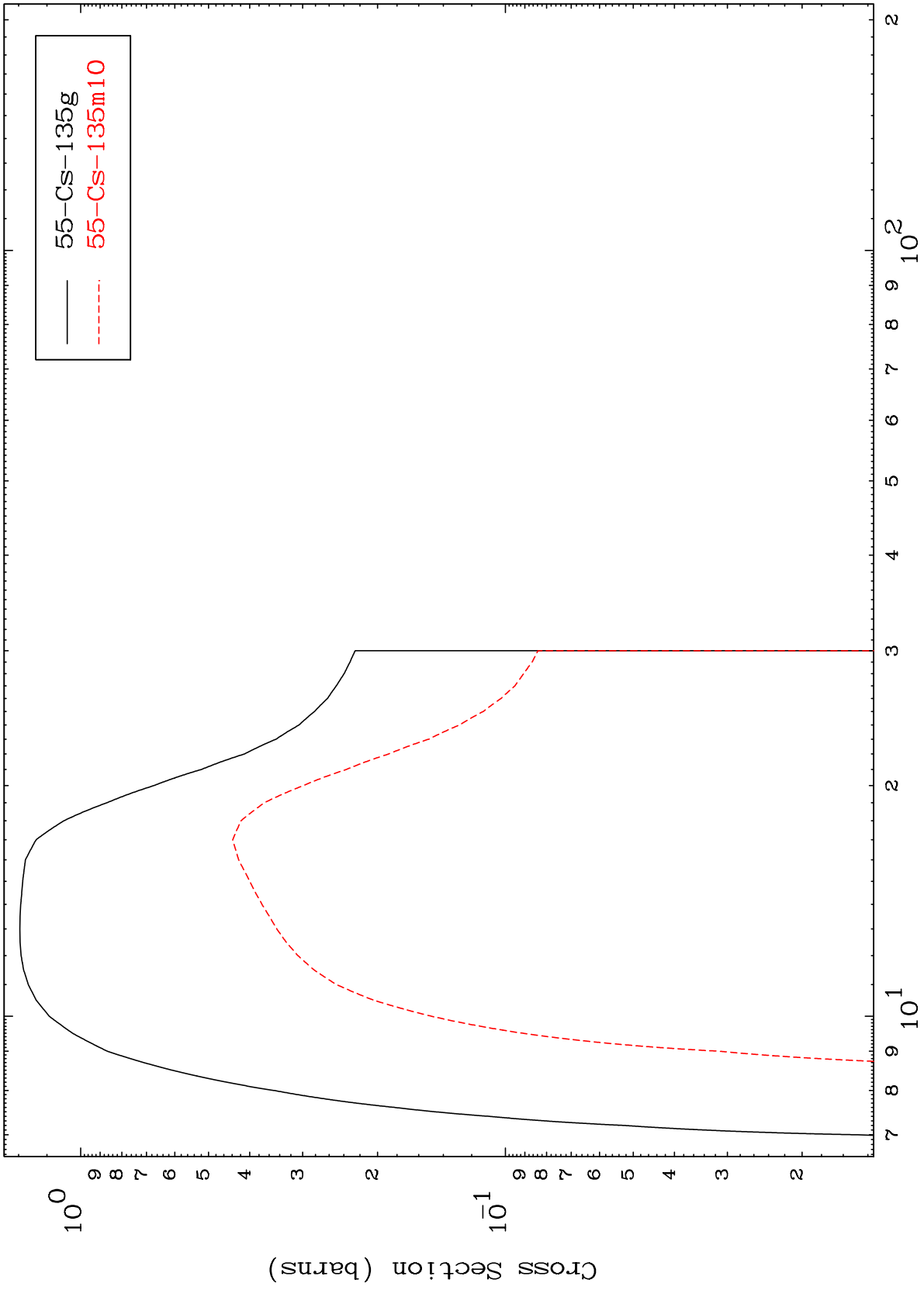
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

(n,2n)
Radionuclide Production Cross Section



123

Incident Energy (MeV)

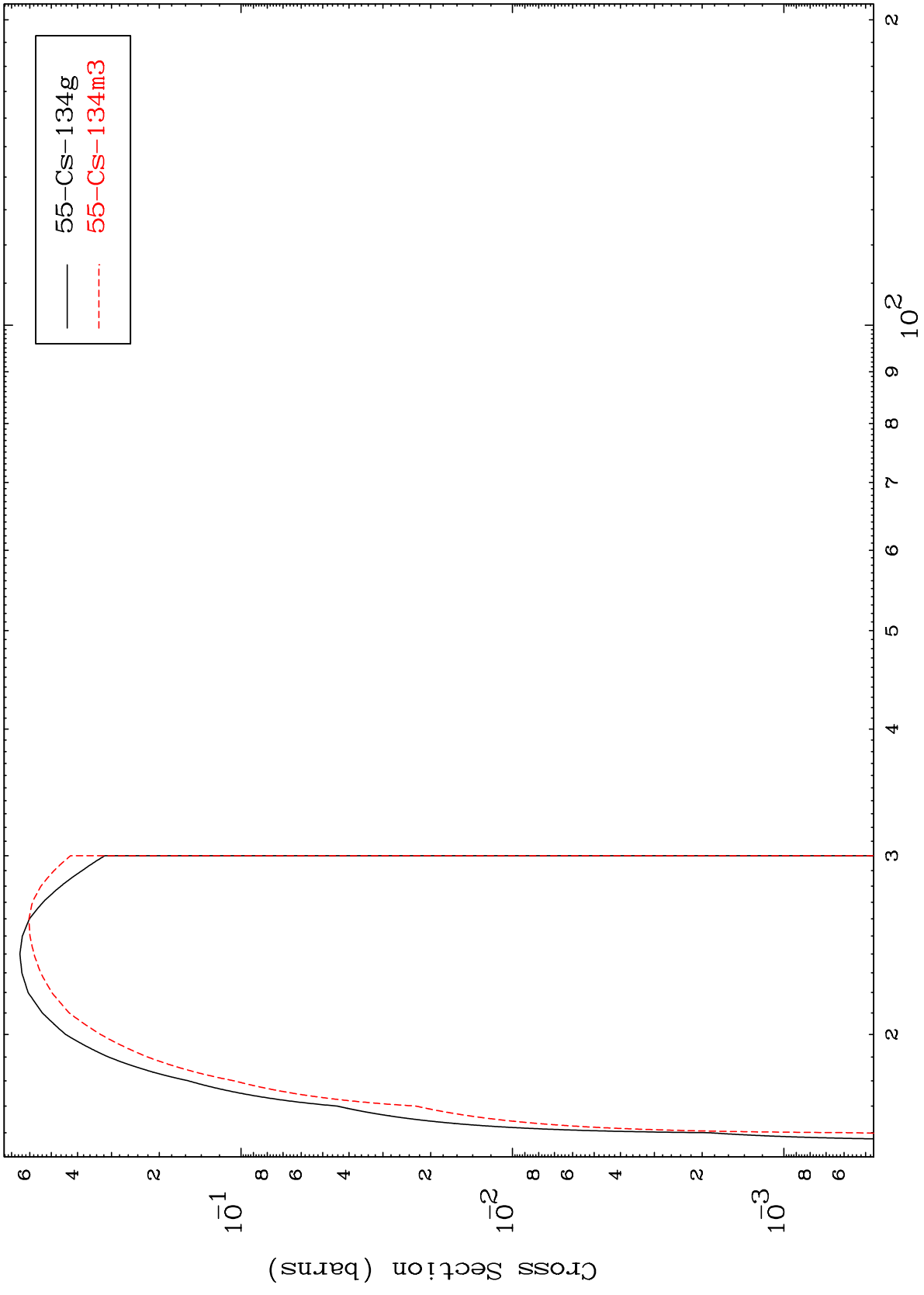
55-Cs-136

MAT 5534

(n,3n)

55-Cs-136

Radionuclide Production Cross Section



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

124

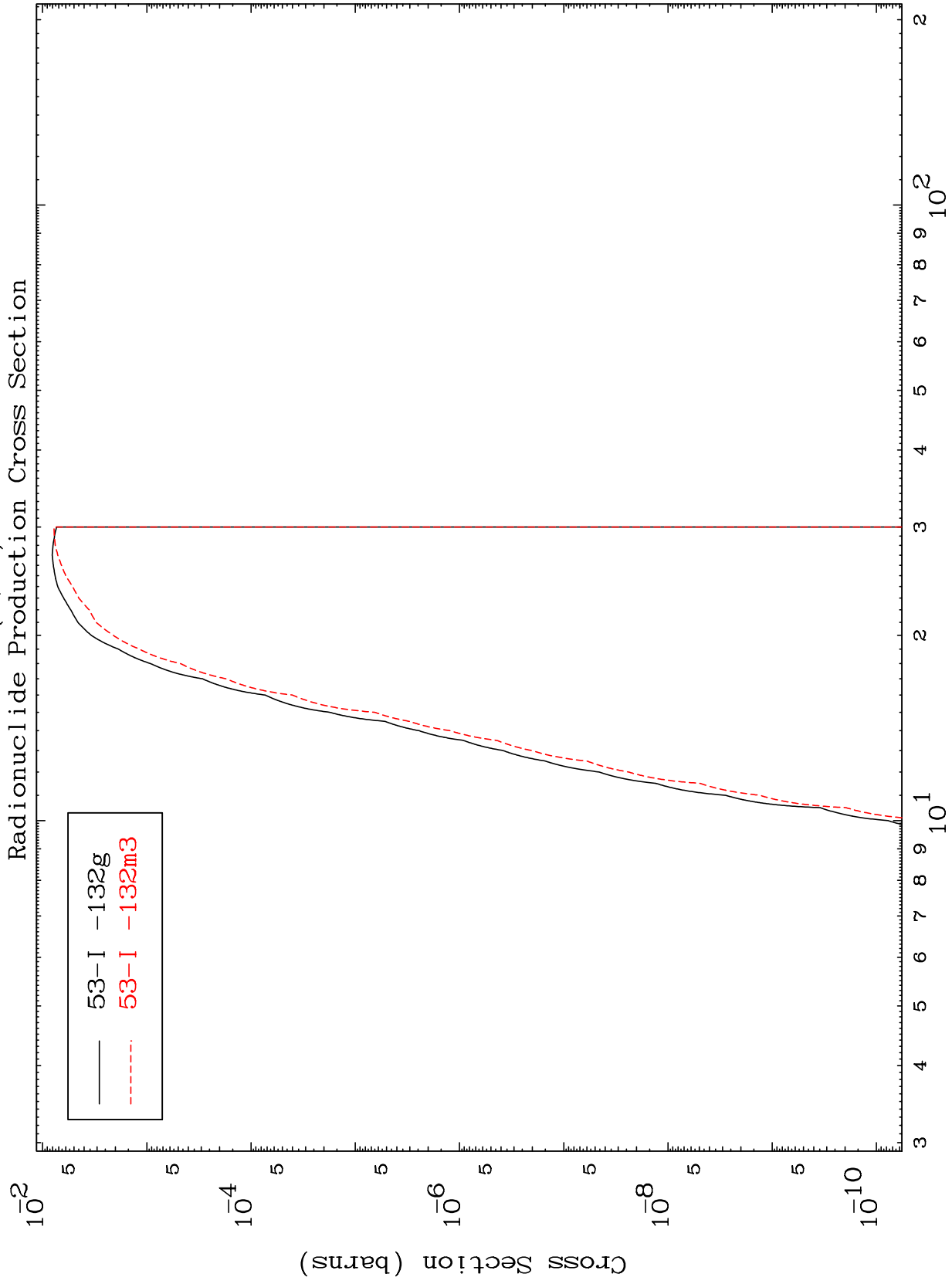
Incident Energy (MeV)

55-Cs-136

MAT 5534

(n,n') α

55-Cs-136



125

Incident Energy (MeV)

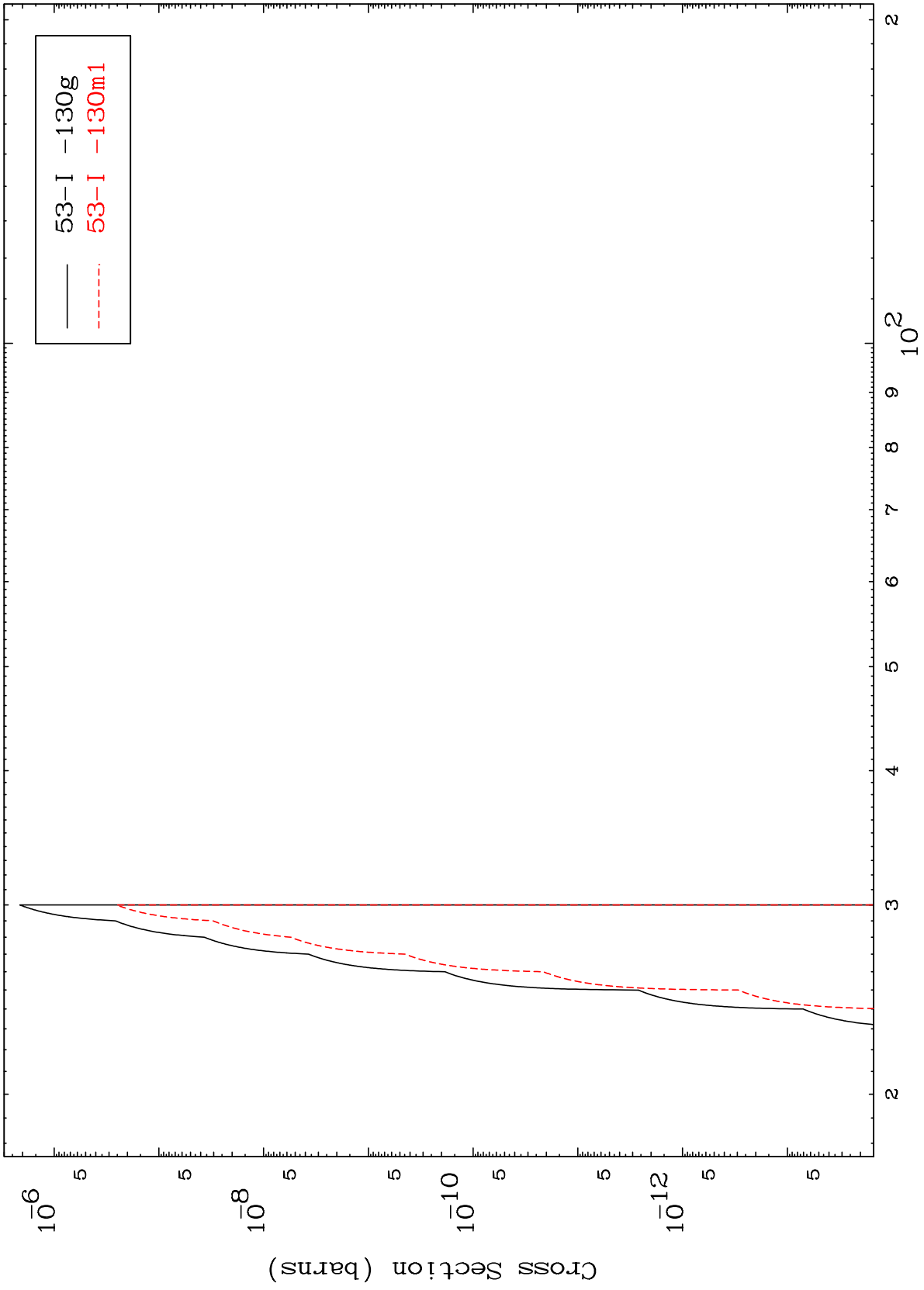
55-Cs-136

MAT 5534

(n,3n) α

55-Cs-136

Radionuclide Production Cross Section



126

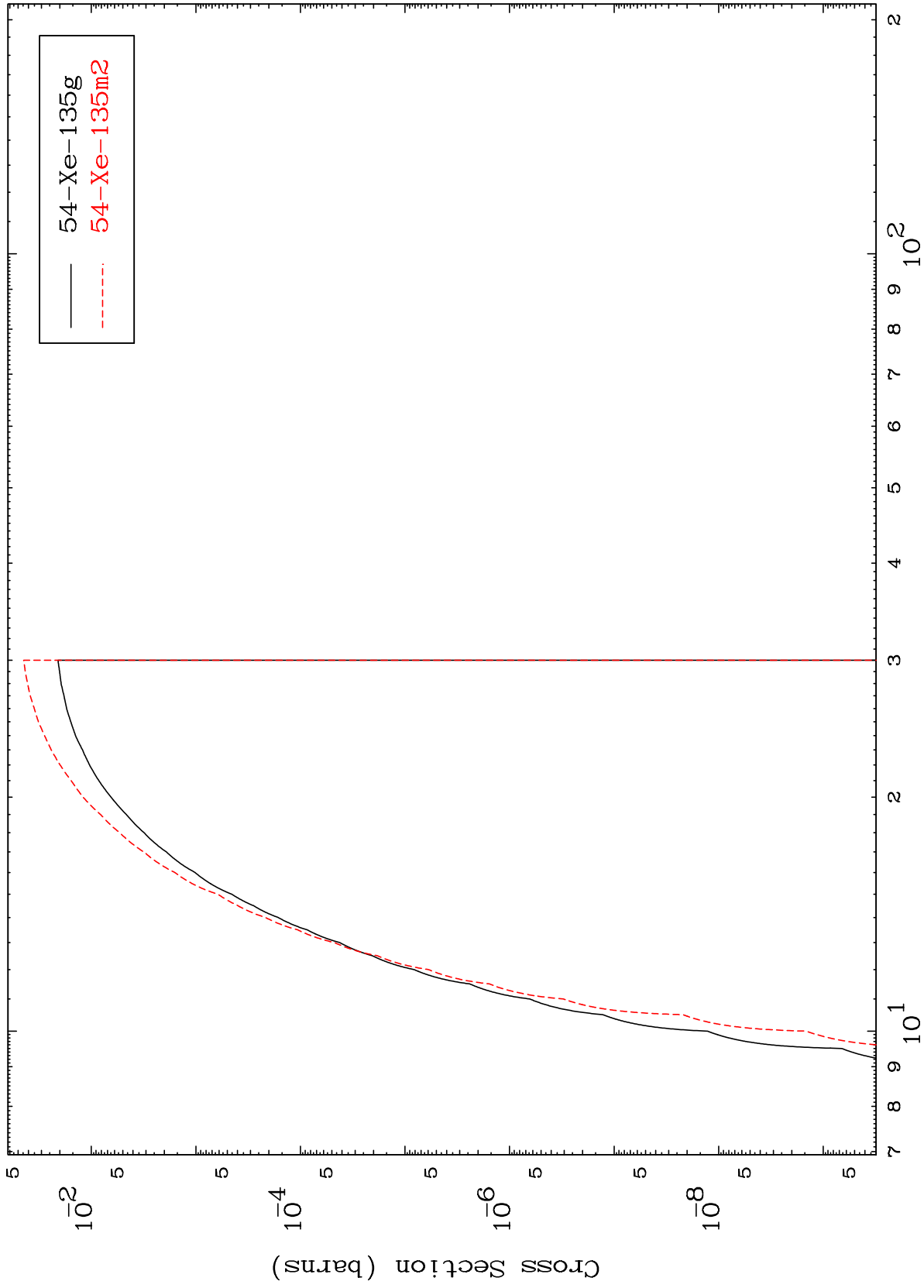
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

(n,n') p
Radionuclide Production Cross Section



127

Incident Energy (MeV)

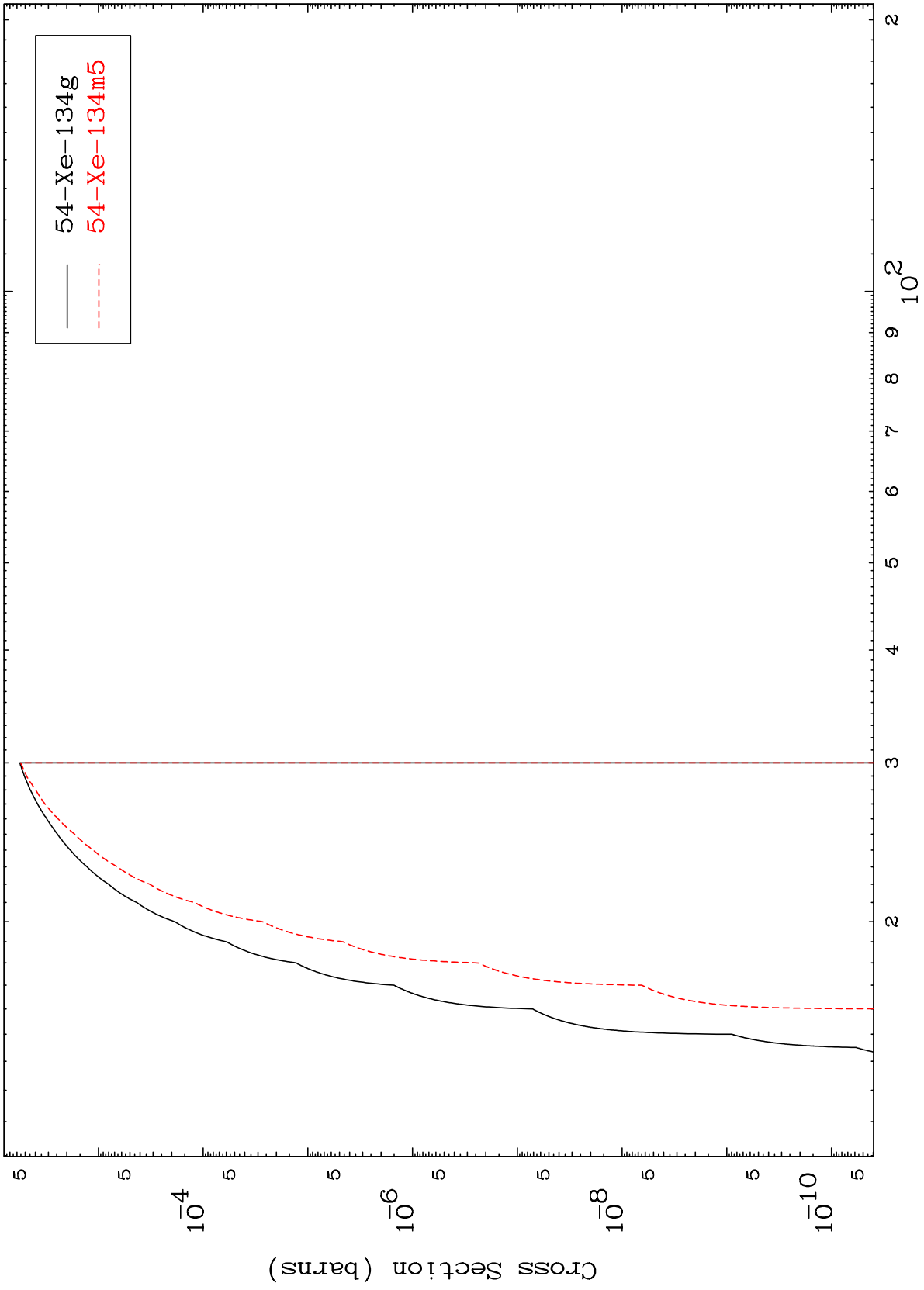
55-Cs-136

MAT 5534

(n,n') d

55-Cs-136

Radionuclide Production Cross Section



128

Incident Energy (MeV)

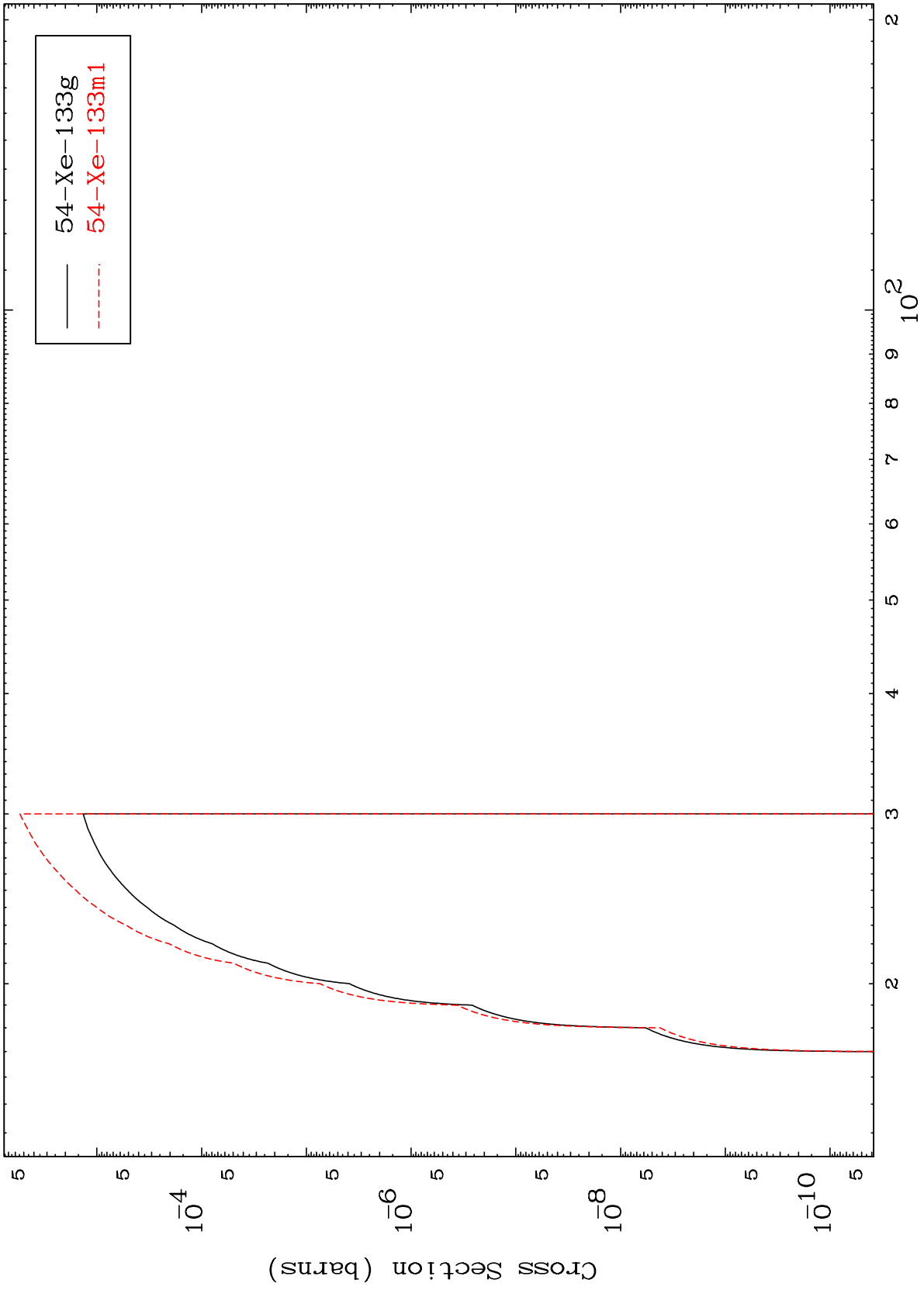
55-Cs-136

MAT 5534

(n,n') t

55-Cs-136

Radionuclide Production Cross Section



129

Incident Energy (MeV)

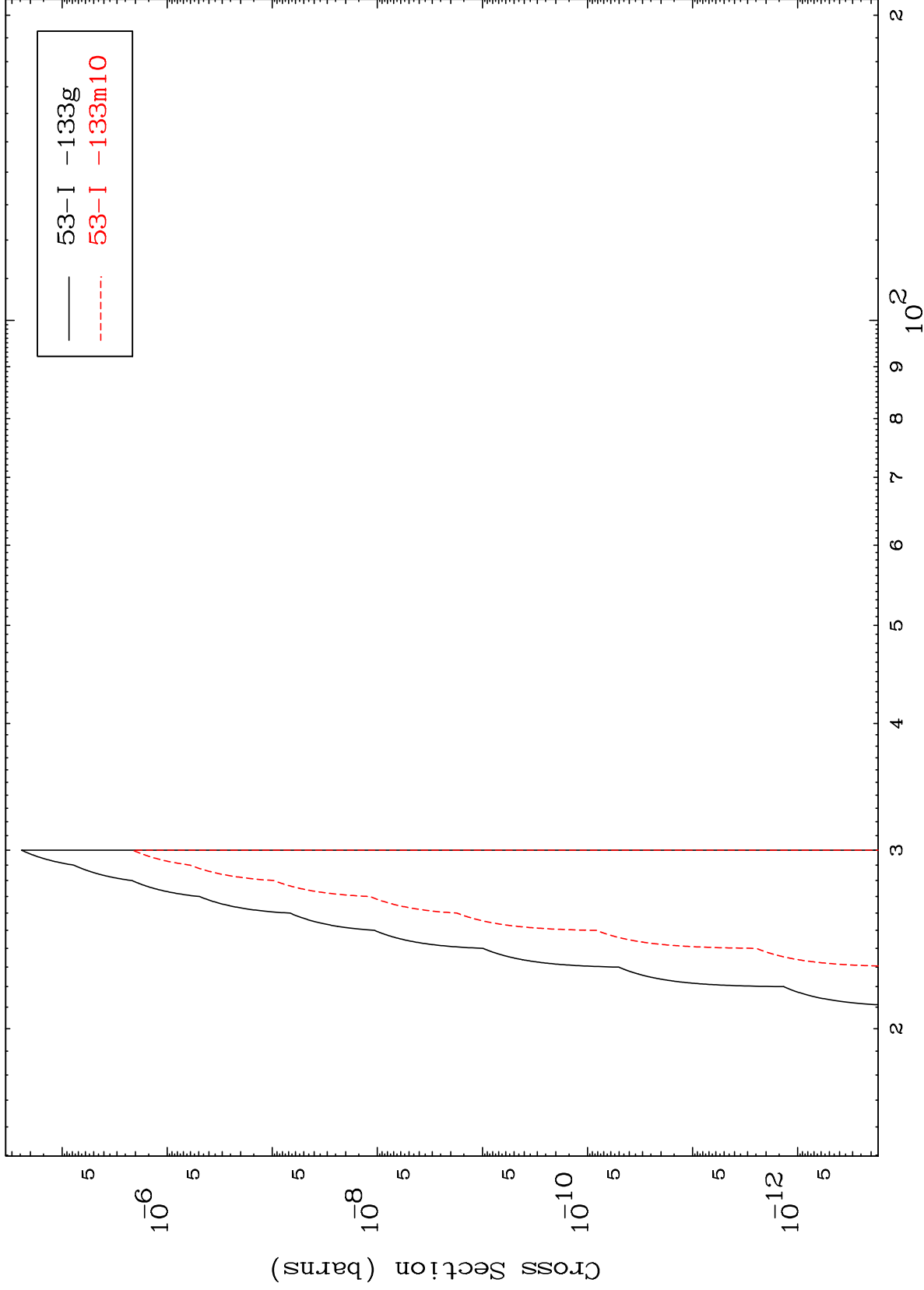
55-Cs-136

MAT 5534

(n, n') He-3

55-Cs-136

Radionuclide Production Cross Section



130

Incident Energy (MeV)

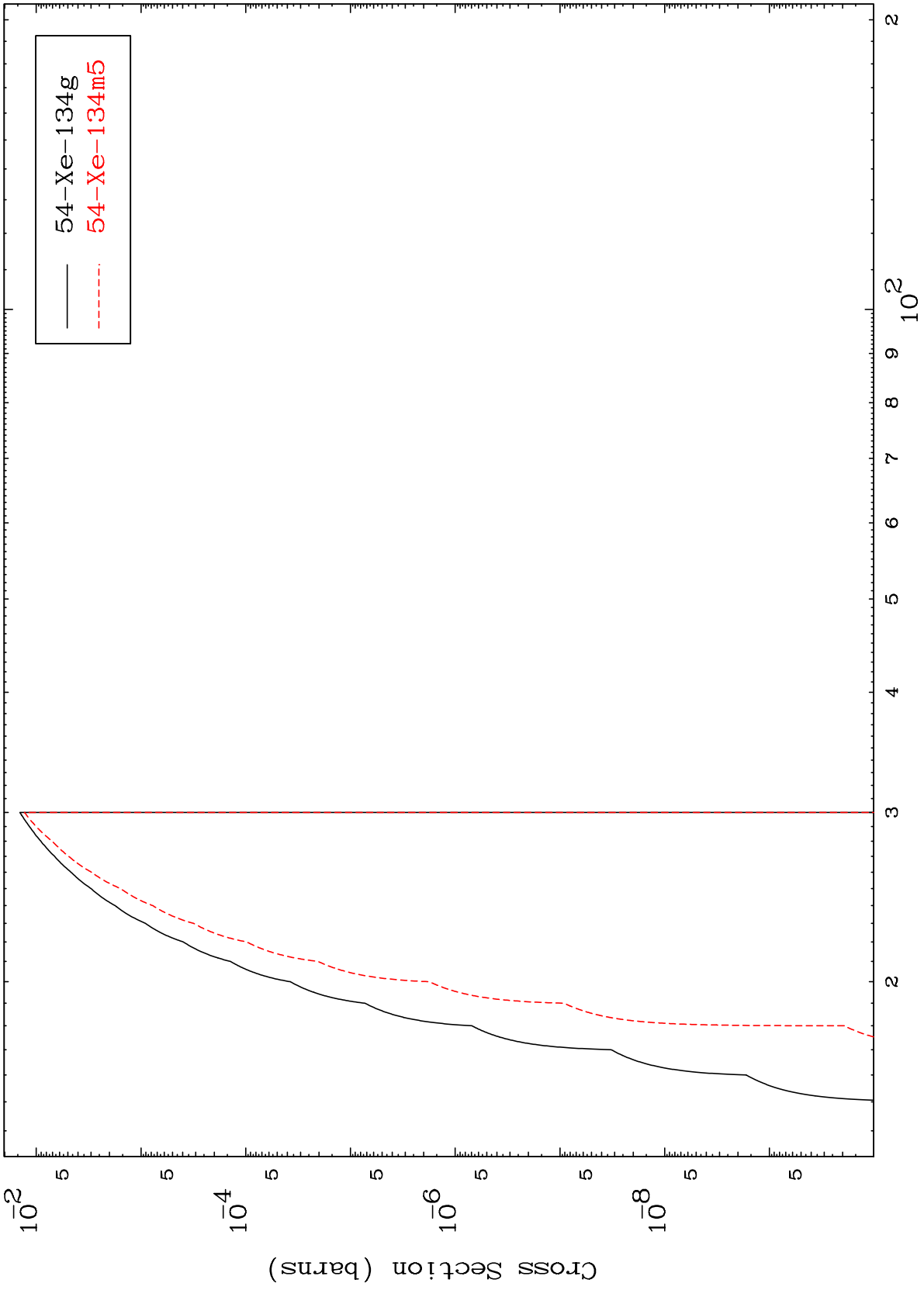
55-Cs-136

MAT 5534

(n,2n) p

55-Cs-136

Radionuclide Production Cross Section



131

Incident Energy (MeV)

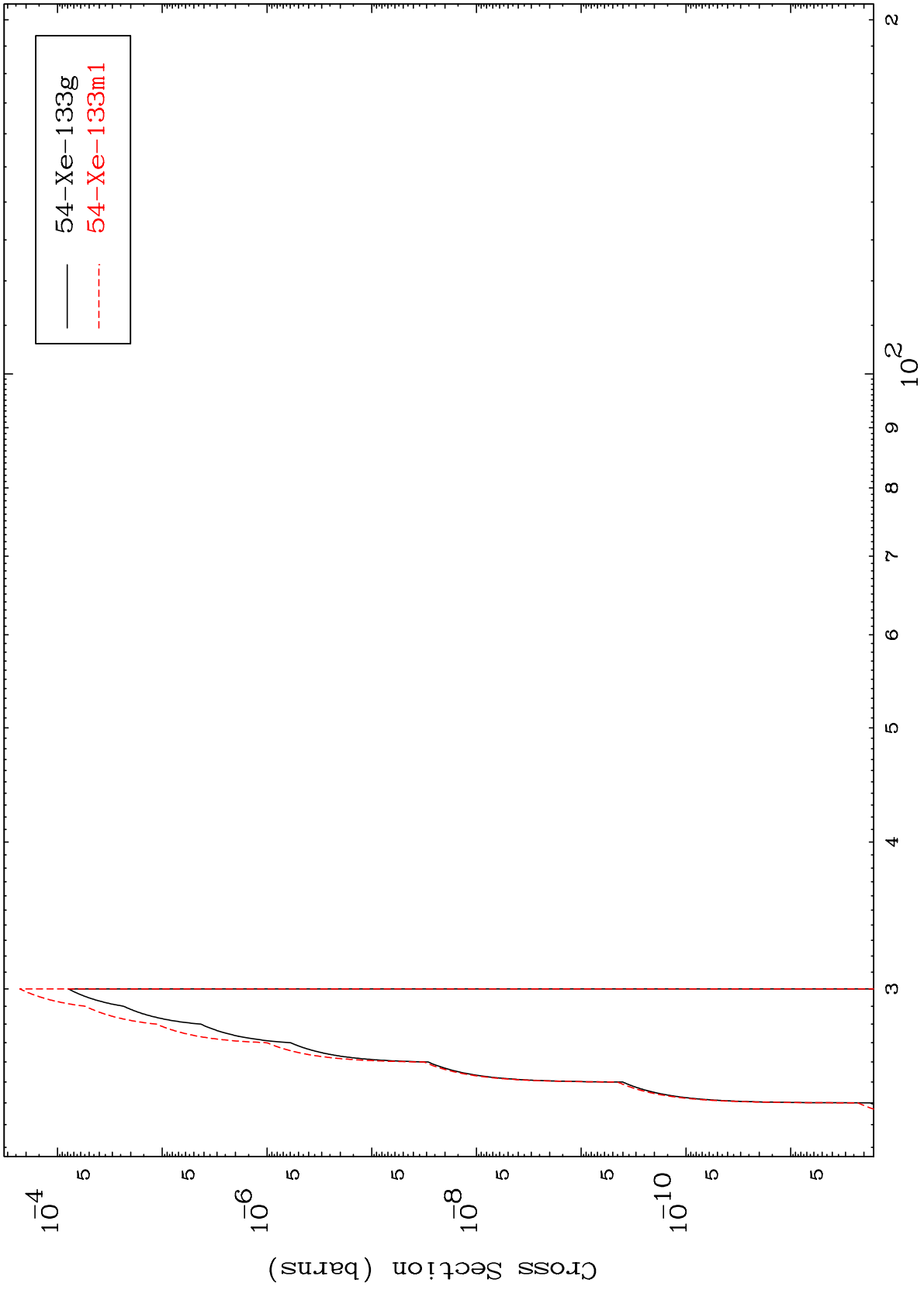
55-Cs-136

MAT 5534

(n,3n) p

55-Cs-136

Radionuclide Production Cross Section



132

Incident Energy (MeV)

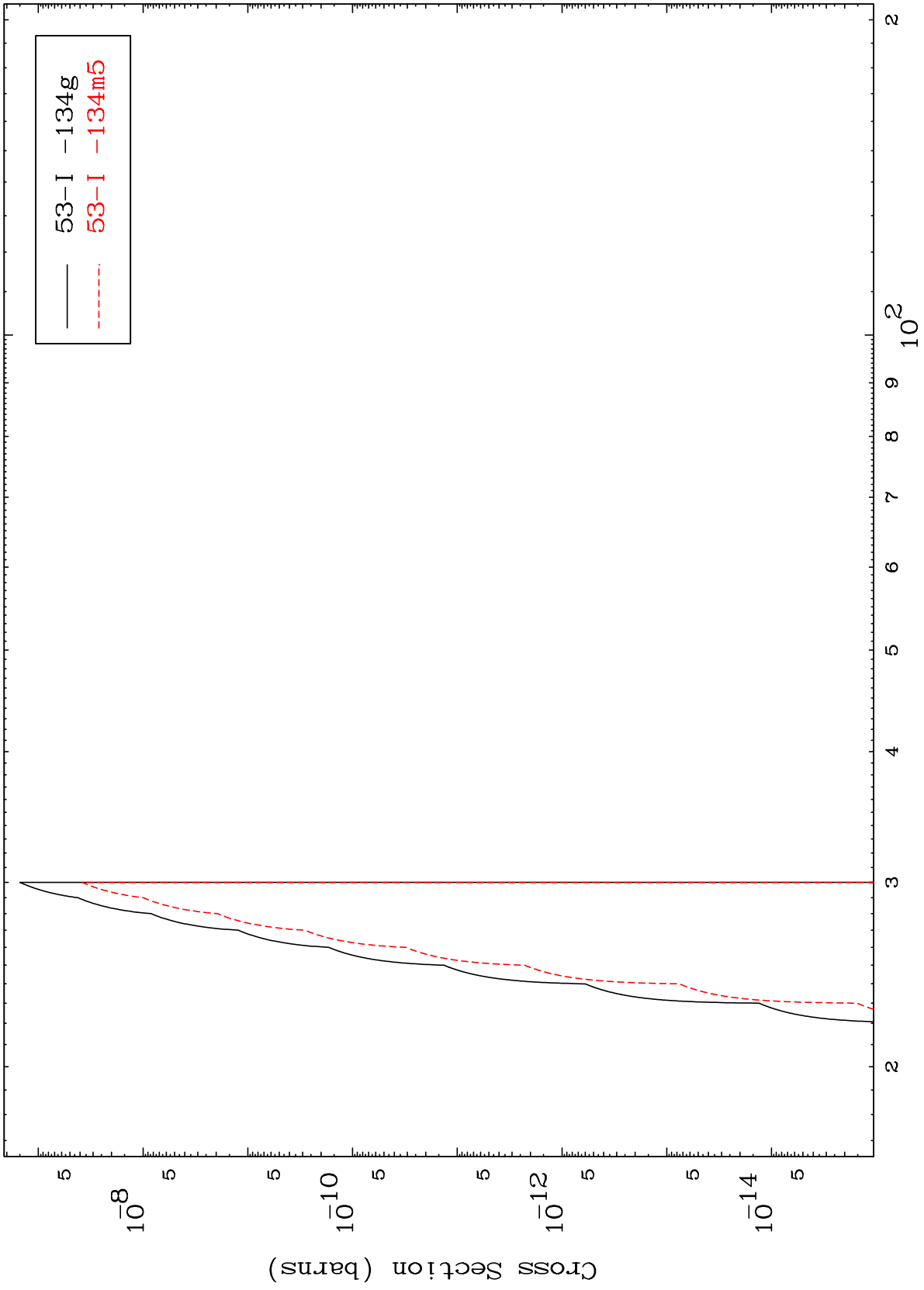
55-Cs-136

MAT 5534

(n,2n) p

55-Cs-136

Radionuclide Production Cross Section



133

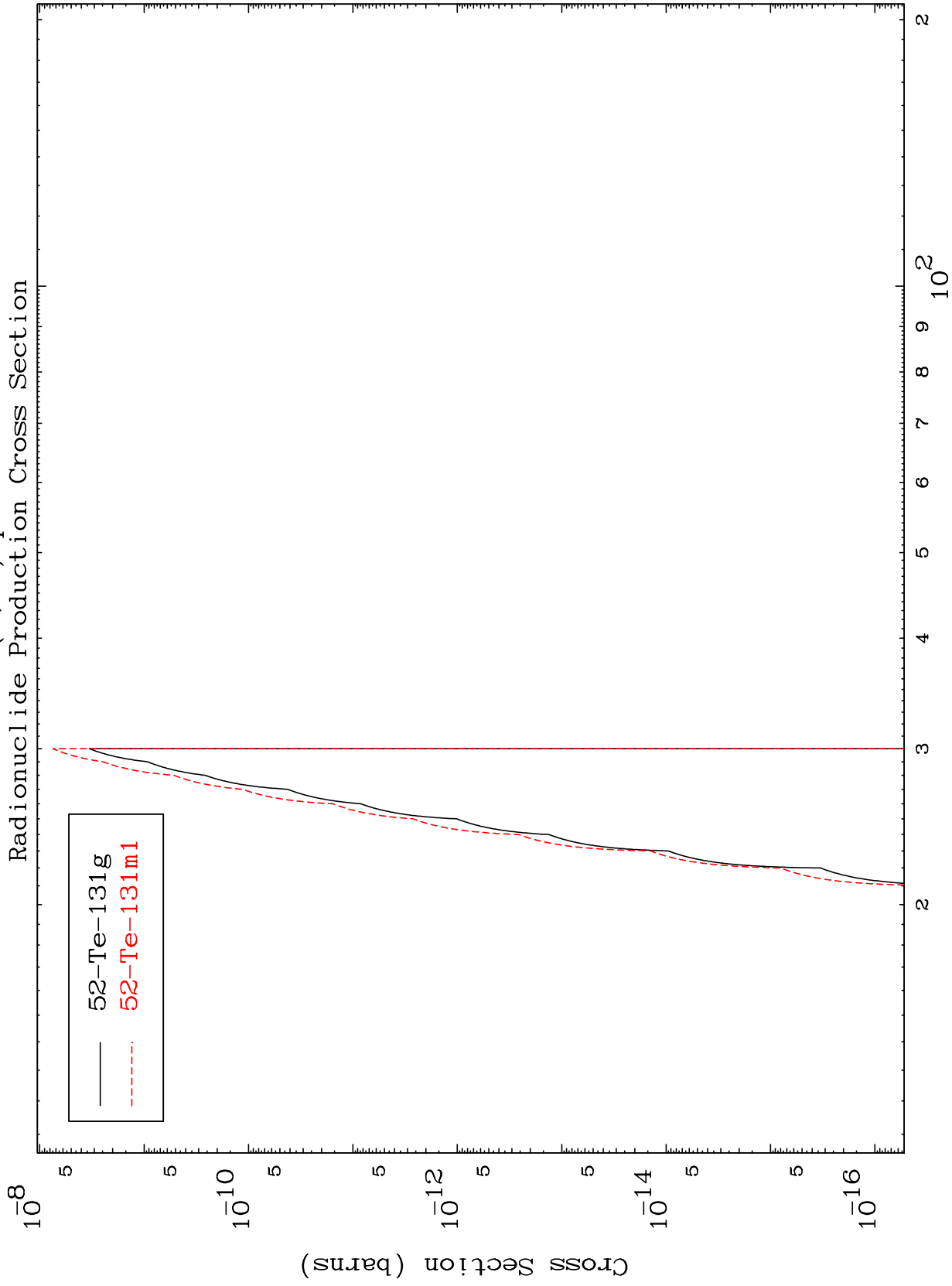
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

(n,n') p α
Radionuclide Production Cross Section



52-Te-131g
52-Te-131m1

134

55-Cs-136

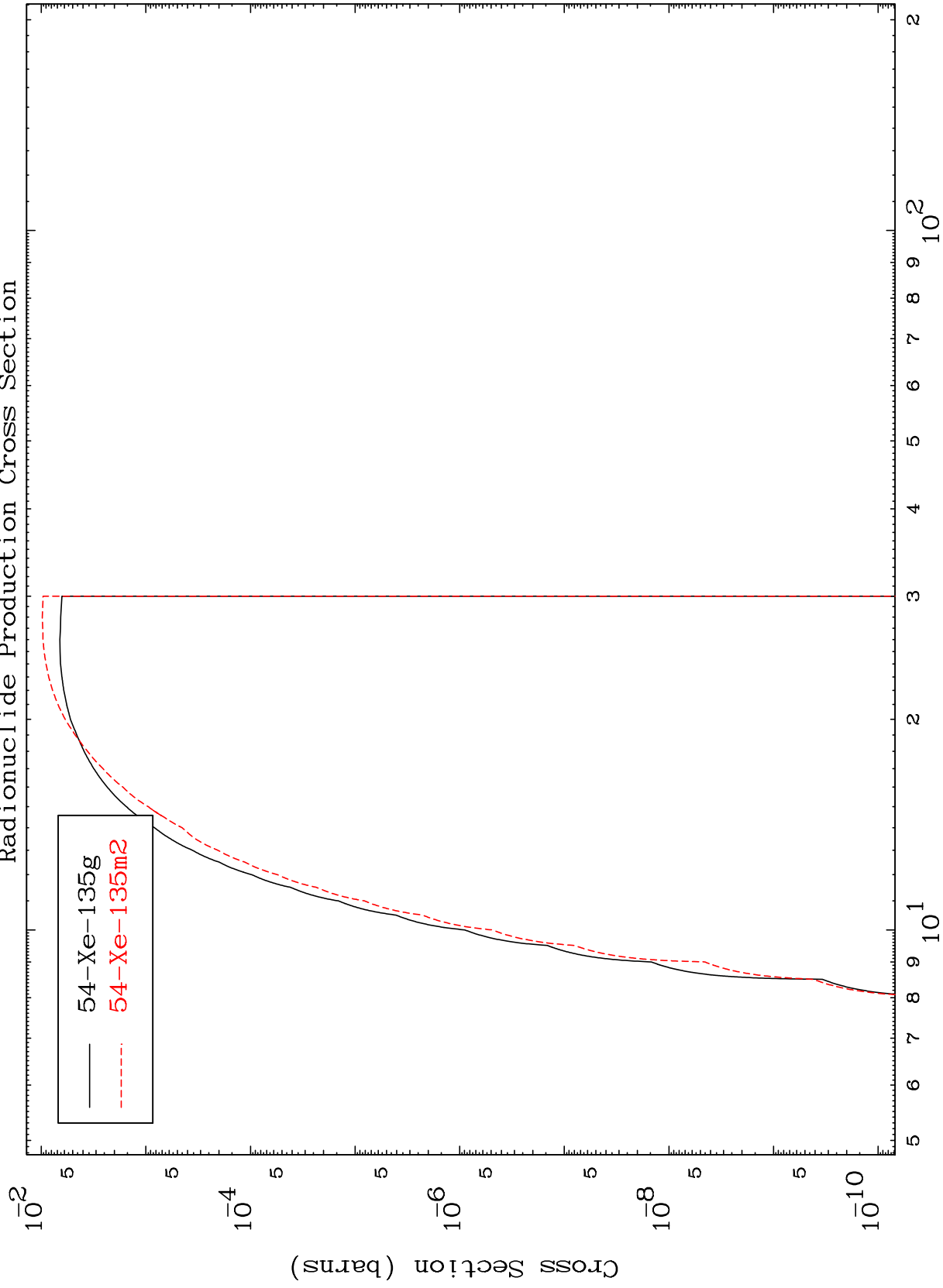
Incident Energy (MeV)

MAT 5534

(n,d)

55-Cs-136

Radionuclide Production Cross Section



135

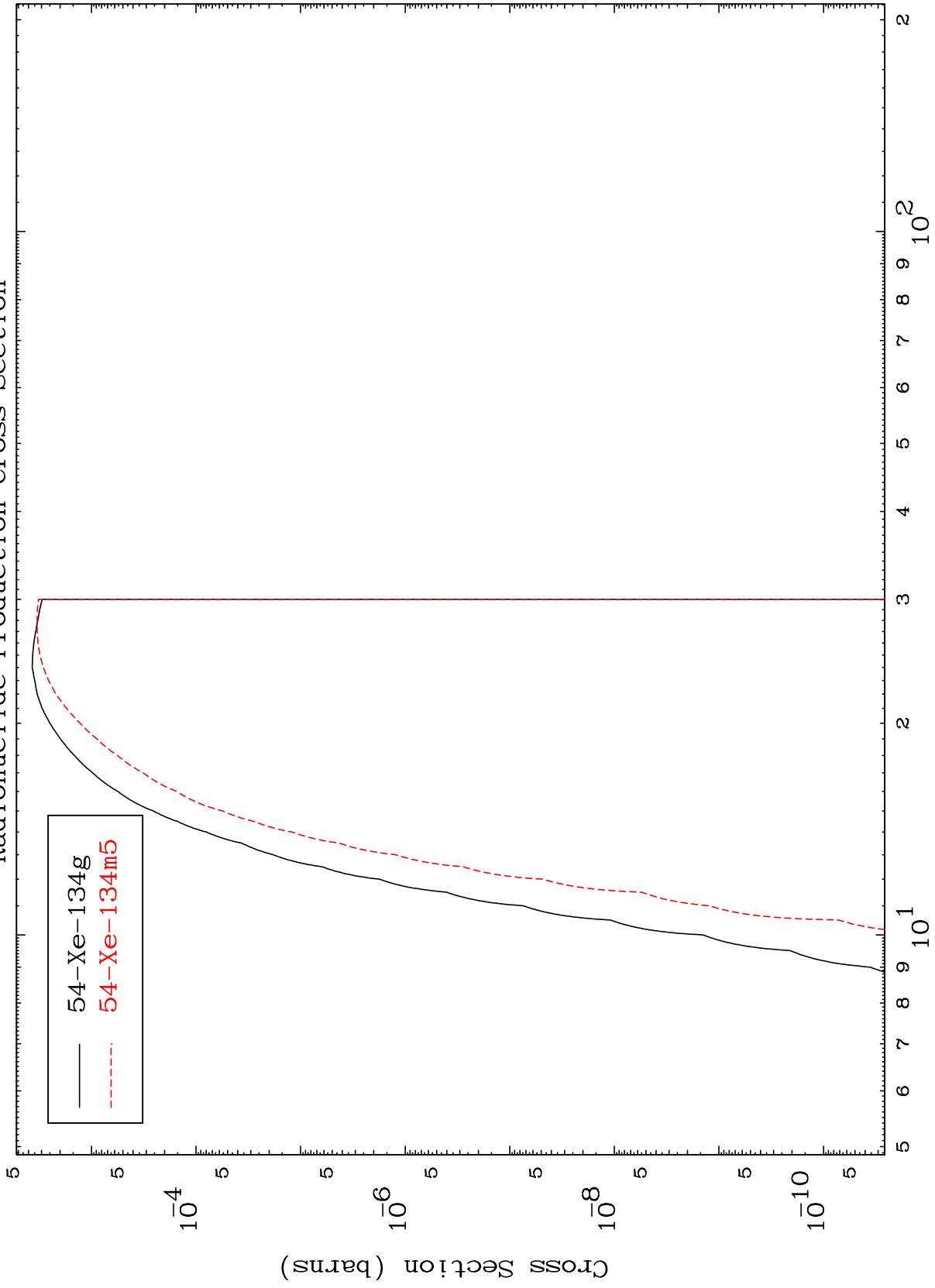
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

(n, t)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

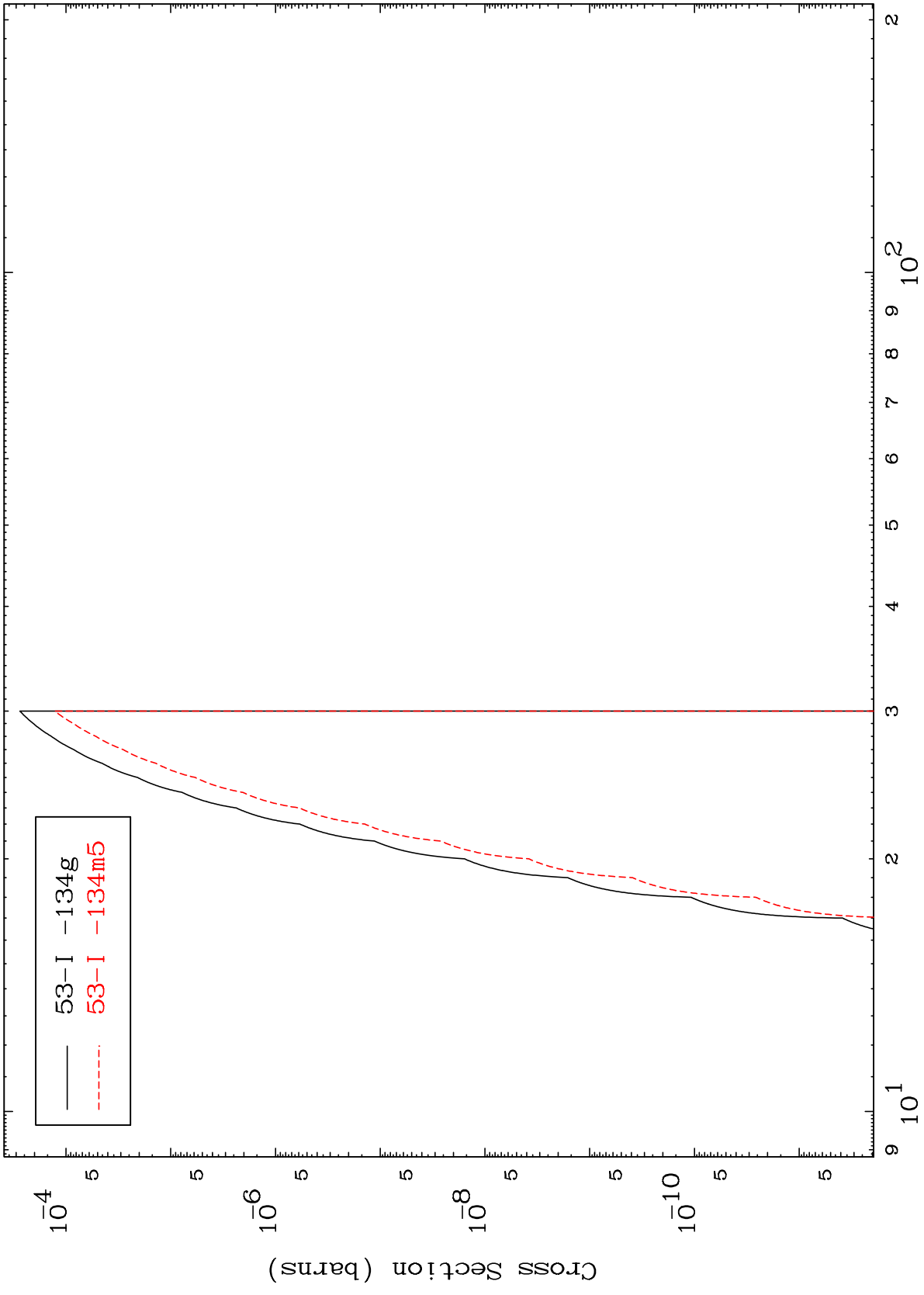
55-Cs-136

MAT 5534

(n,He-3)

55-Cs-136

Radionuclide Production Cross Section



137

Incident Energy (MeV)

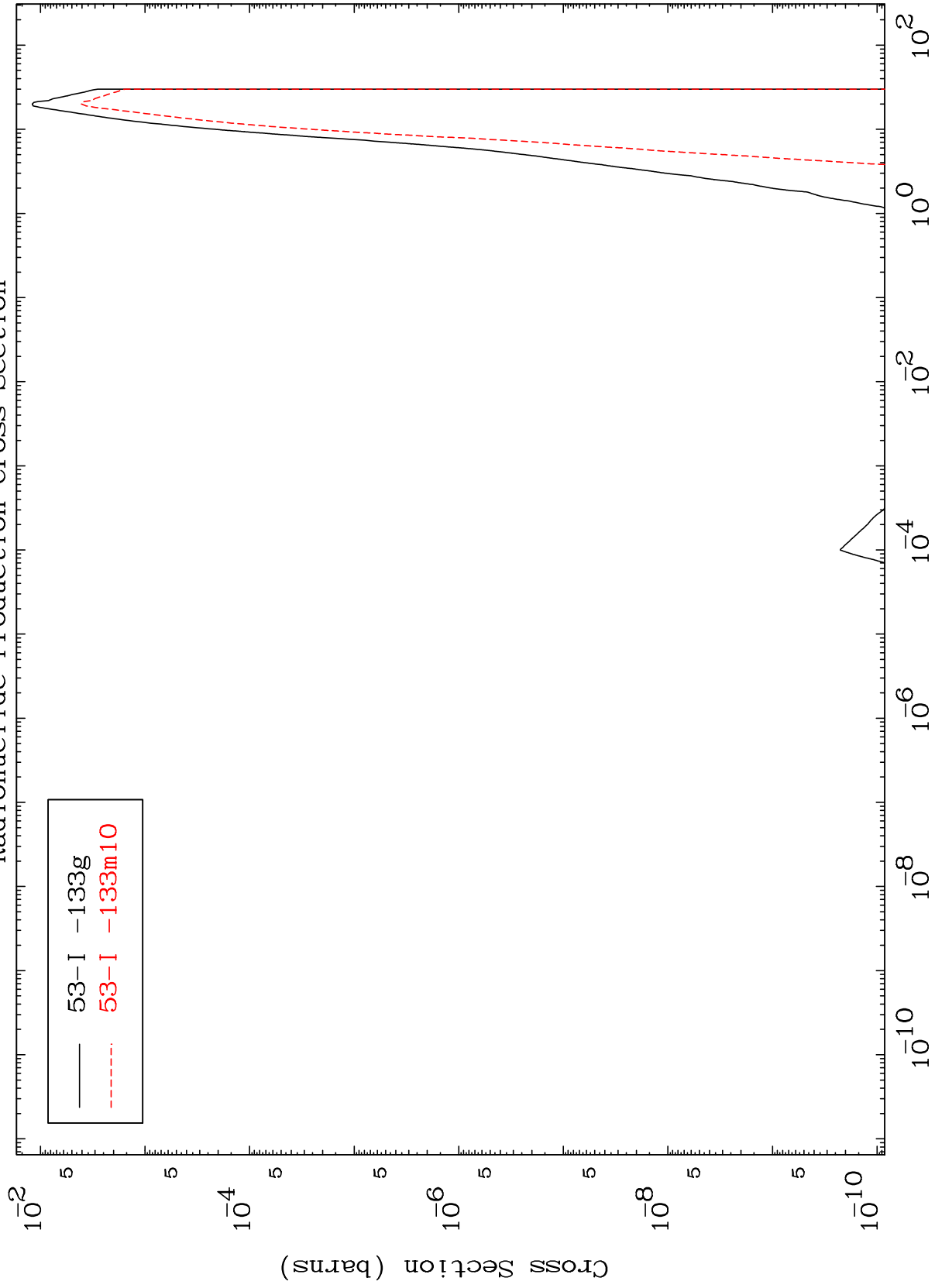
55-Cs-136

MAT 5534

(n, α)

55-Cs-136

Radionuclide Production Cross Section



138

Incident Energy (MeV)

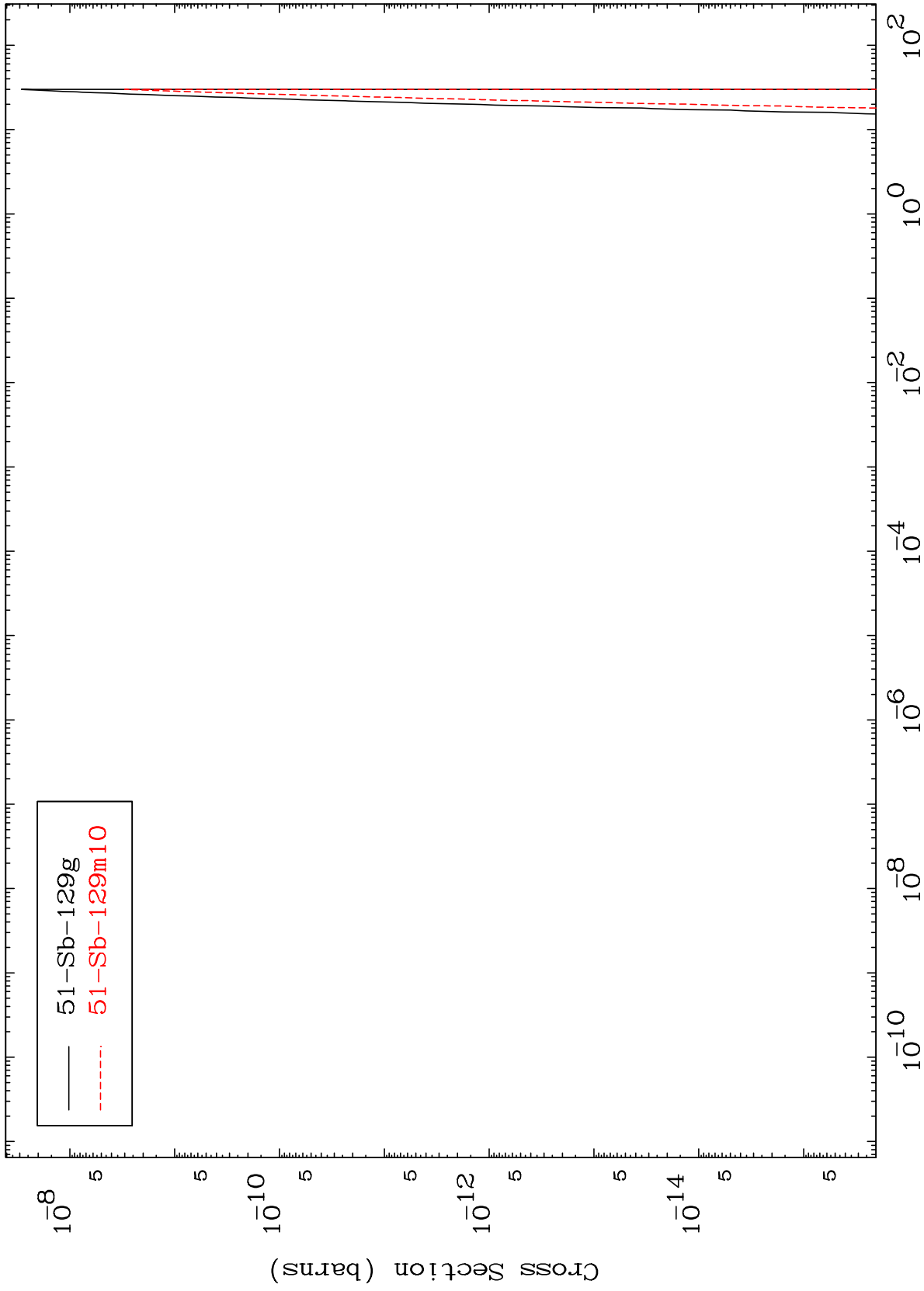
55-Cs-136

MAT 5534

(n,2α)

55-Cs-136

Radionuclide Production Cross Section



139

Incident Energy (MeV)

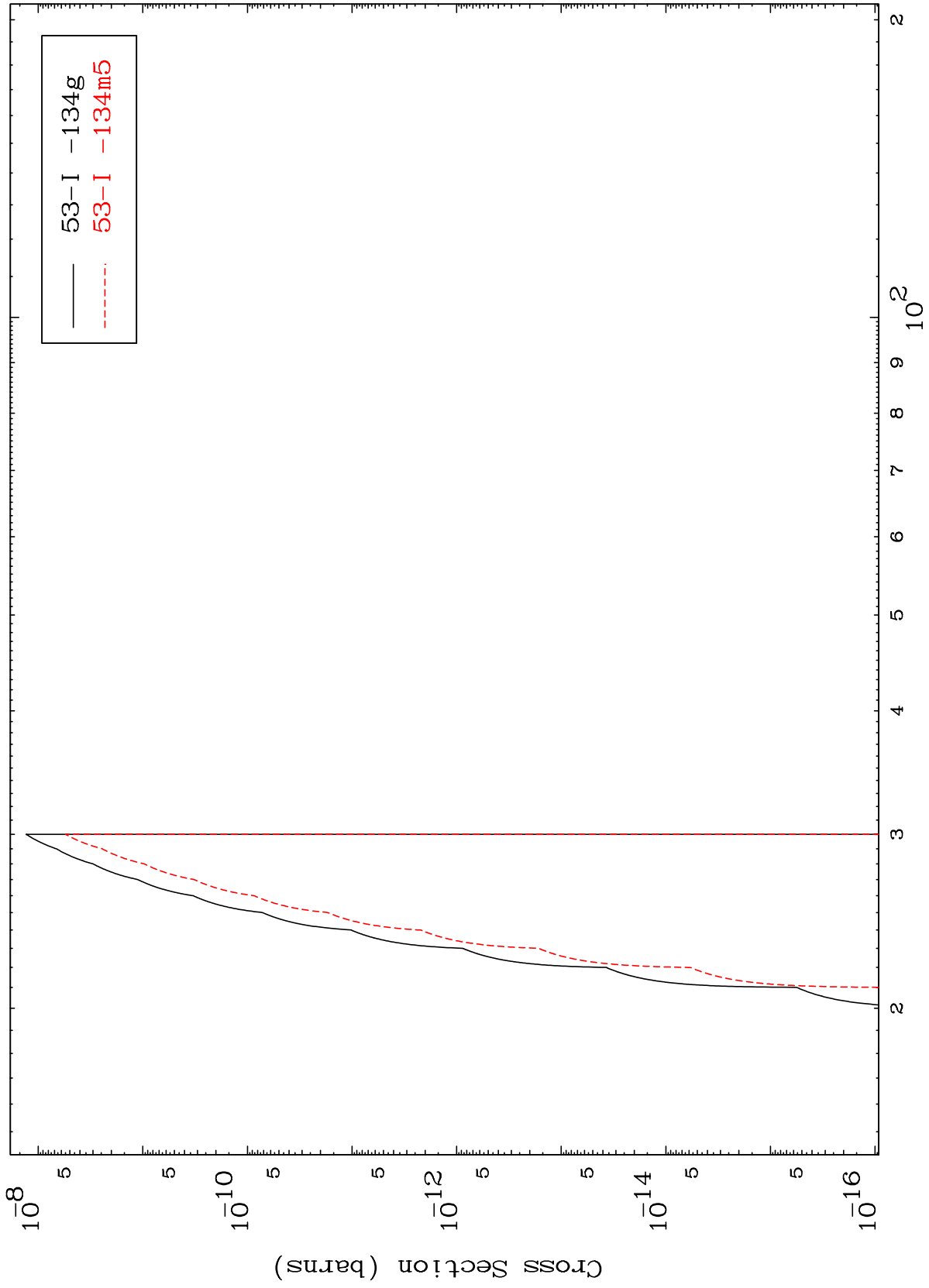
55-Cs-136

MAT 5534

(n,p) d

55-Cs-136

Radionuclide Production Cross Section



140

Incident Energy (MeV)

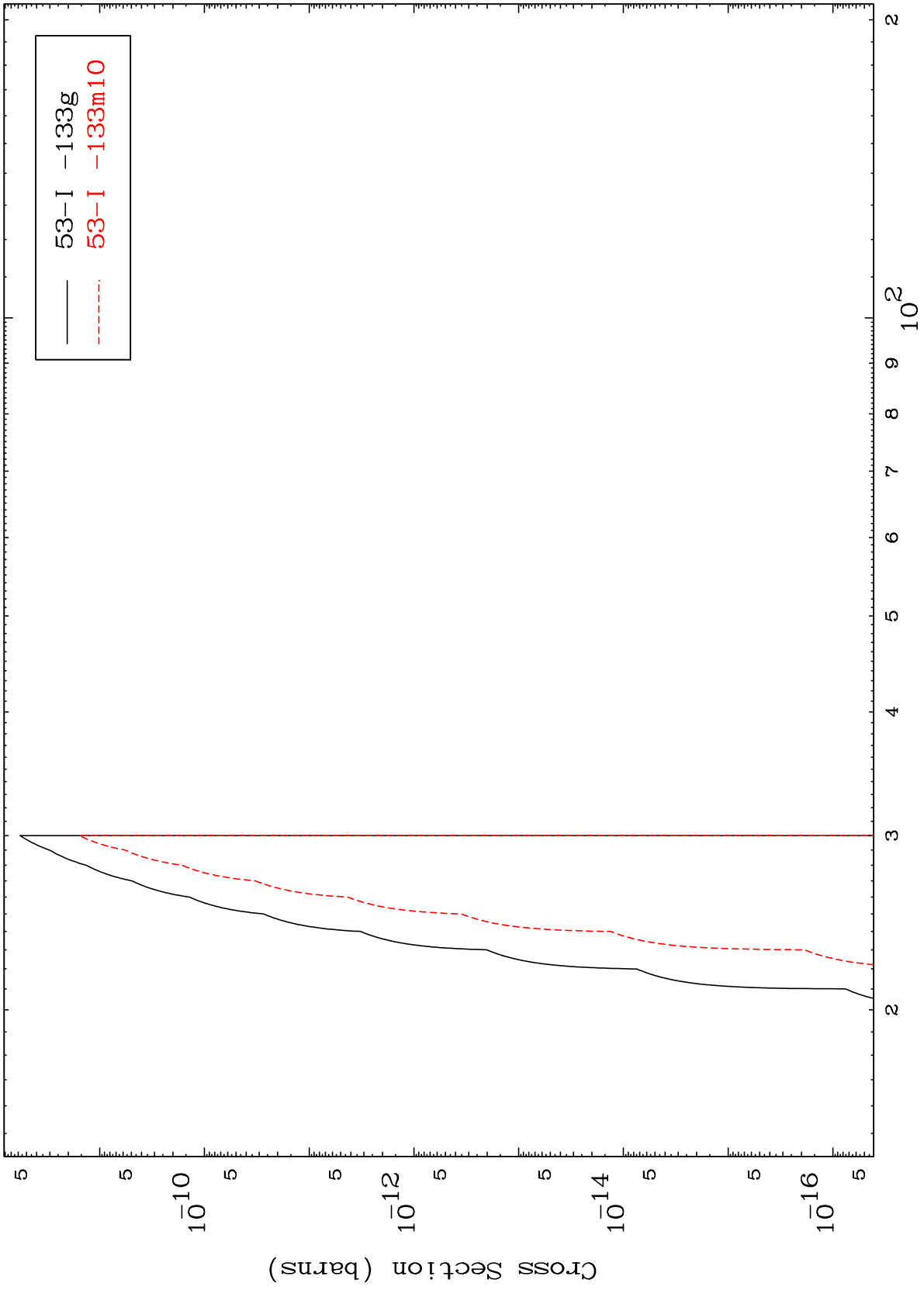
55-Cs-136

MAT 5534

(n,p) t

55-Cs-136

Radionuclide Production Cross Section



141

Incident Energy (MeV)

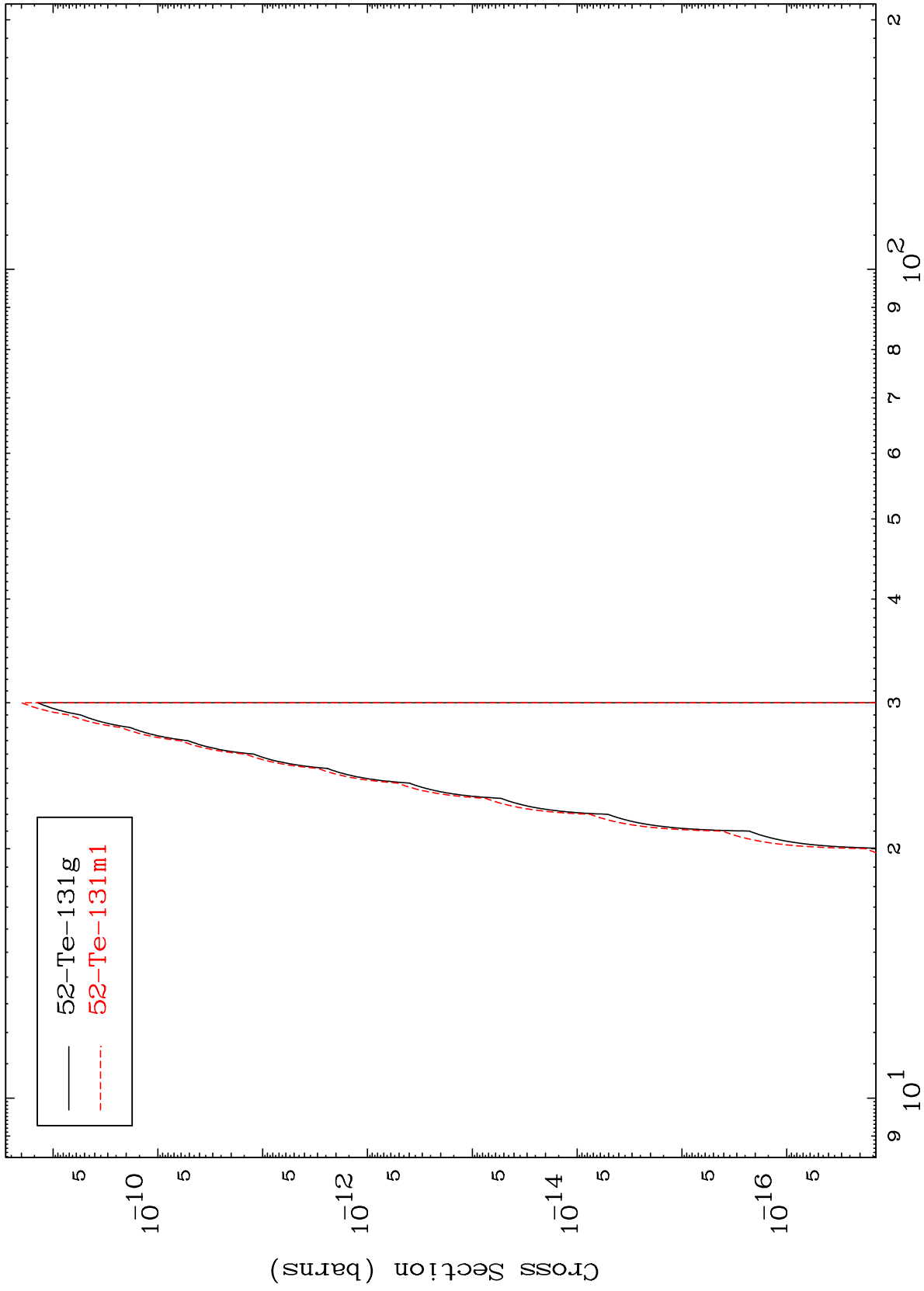
55-Cs-136

MAT 5534

(n,d) α

55-Cs-136

Radionuclide Production Cross Section



142

Incident Energy (MeV)

55-Cs-136