

Program EVALPLOT
(Version 2018-1)

by

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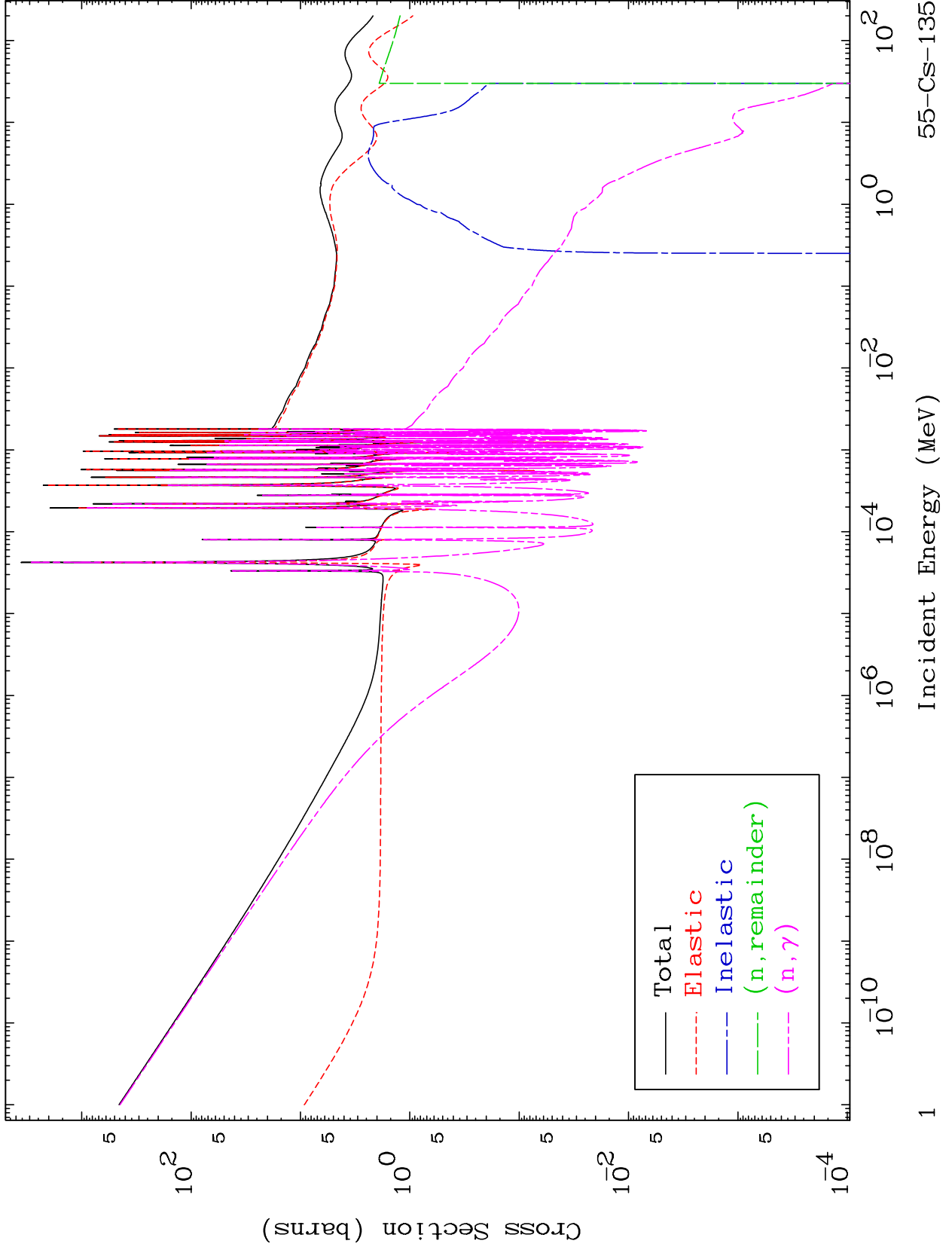
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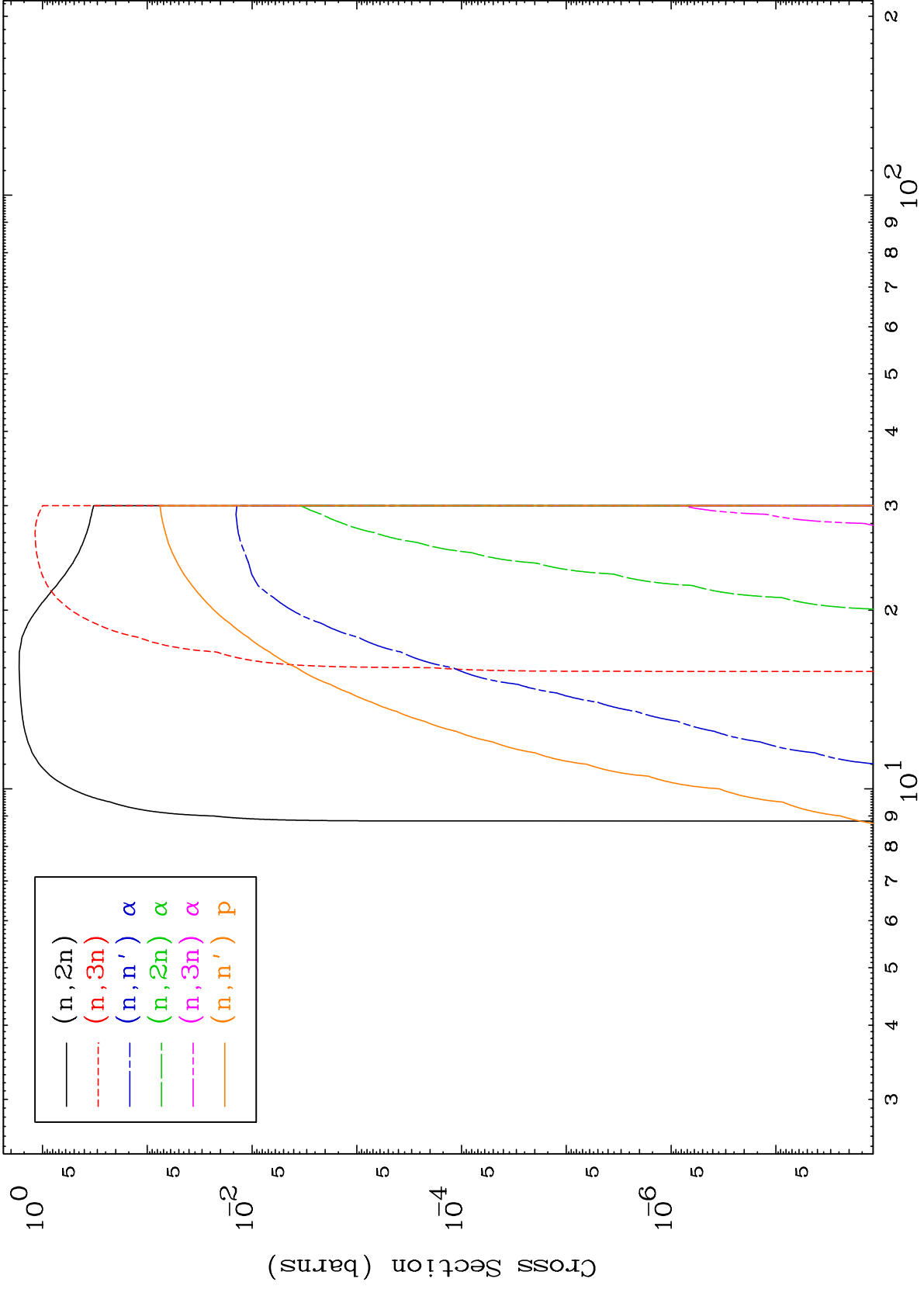
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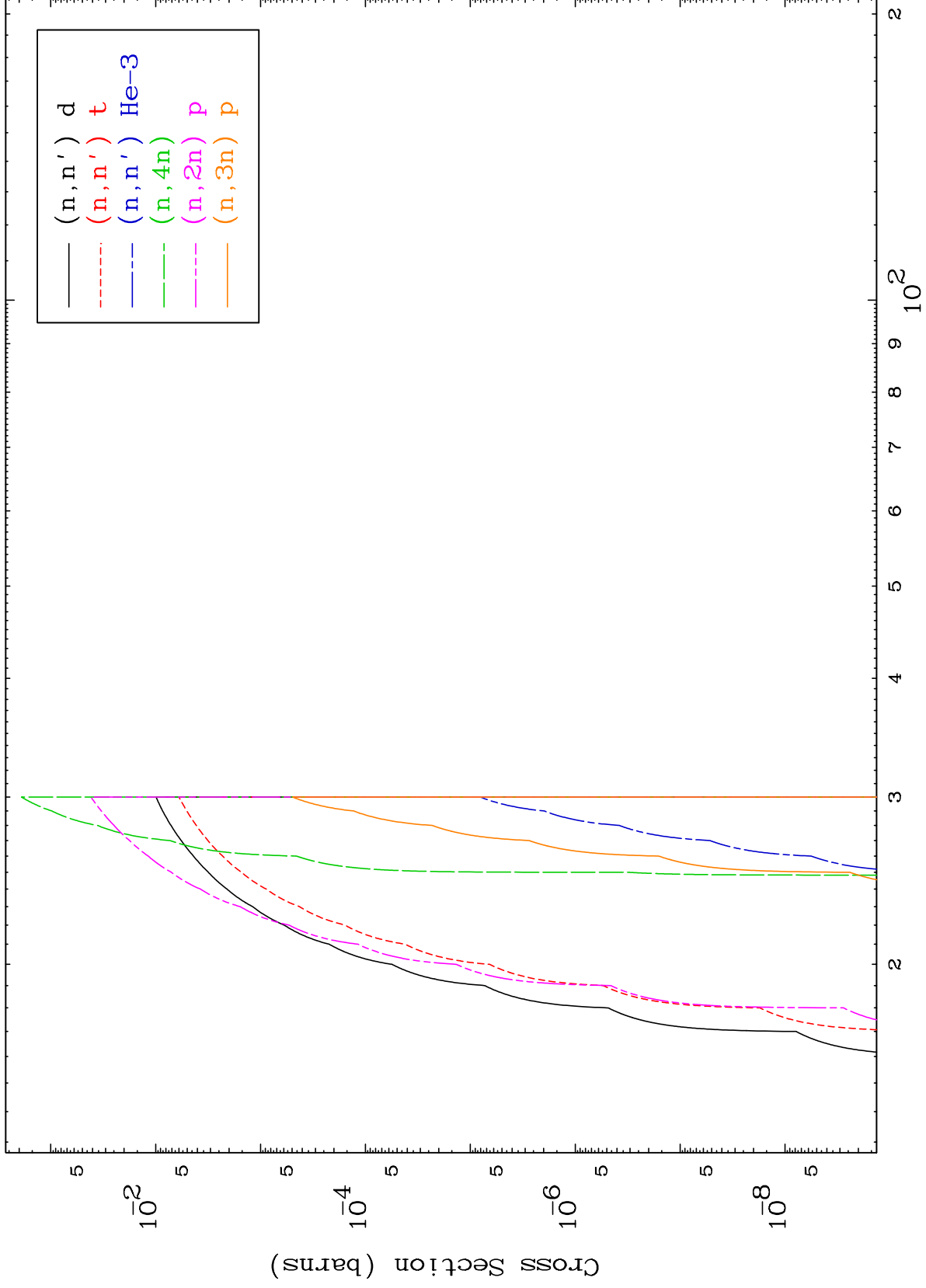
MAT 5531

Major
293 Kelvin Cross Sections

55-Cs-135





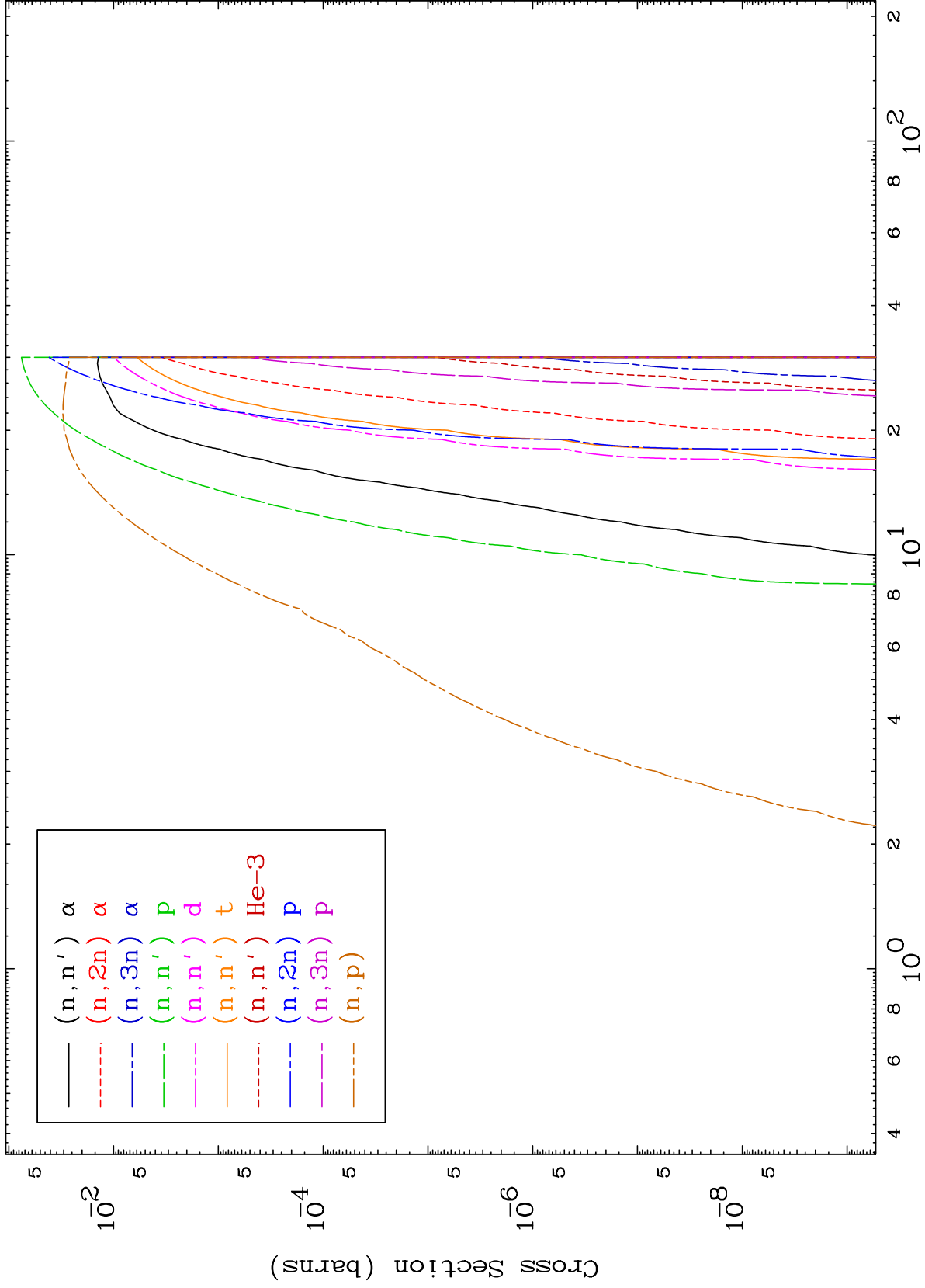


MAT 5531

Charged Particle

55-Cs-135

293 Kelvin Cross Sections



4

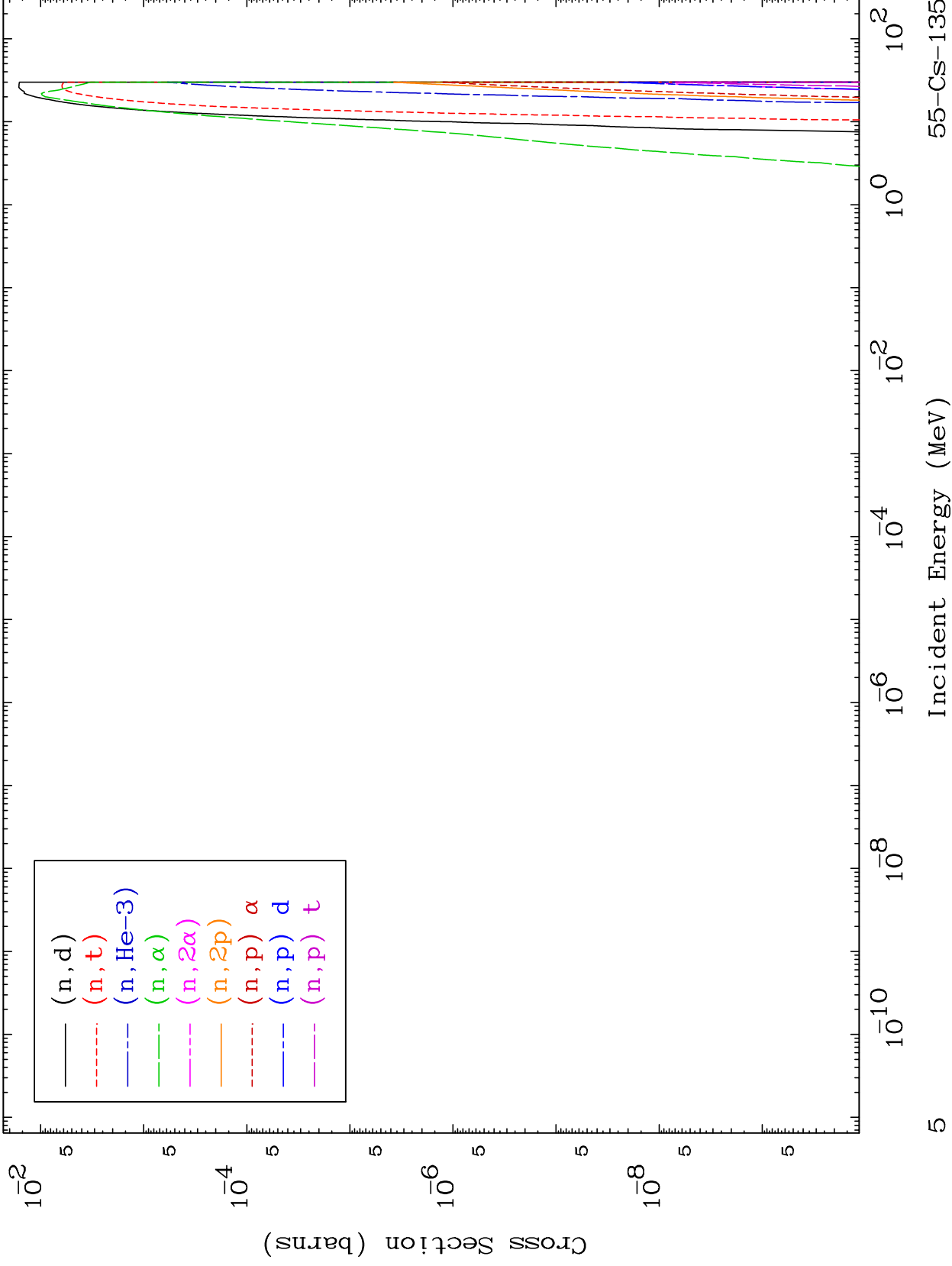
Incident Energy (MeV)

55-Cs-135

MAT 5531

Charged Particle
293 Kelvin Cross Sections

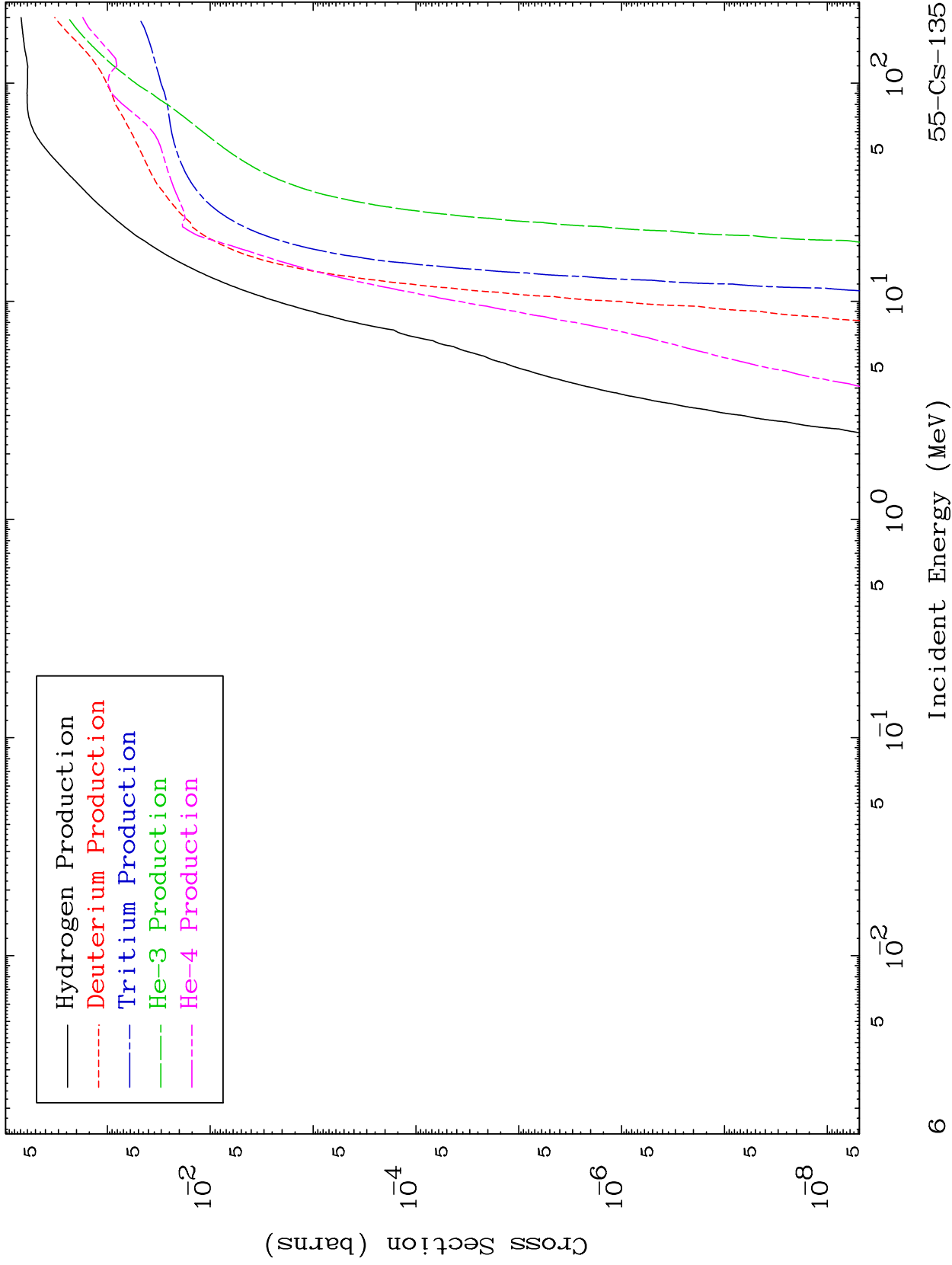
55-Cs-135



MAT 5531

Particle Production
293 Kelvin Cross Sections

55-Cs-135

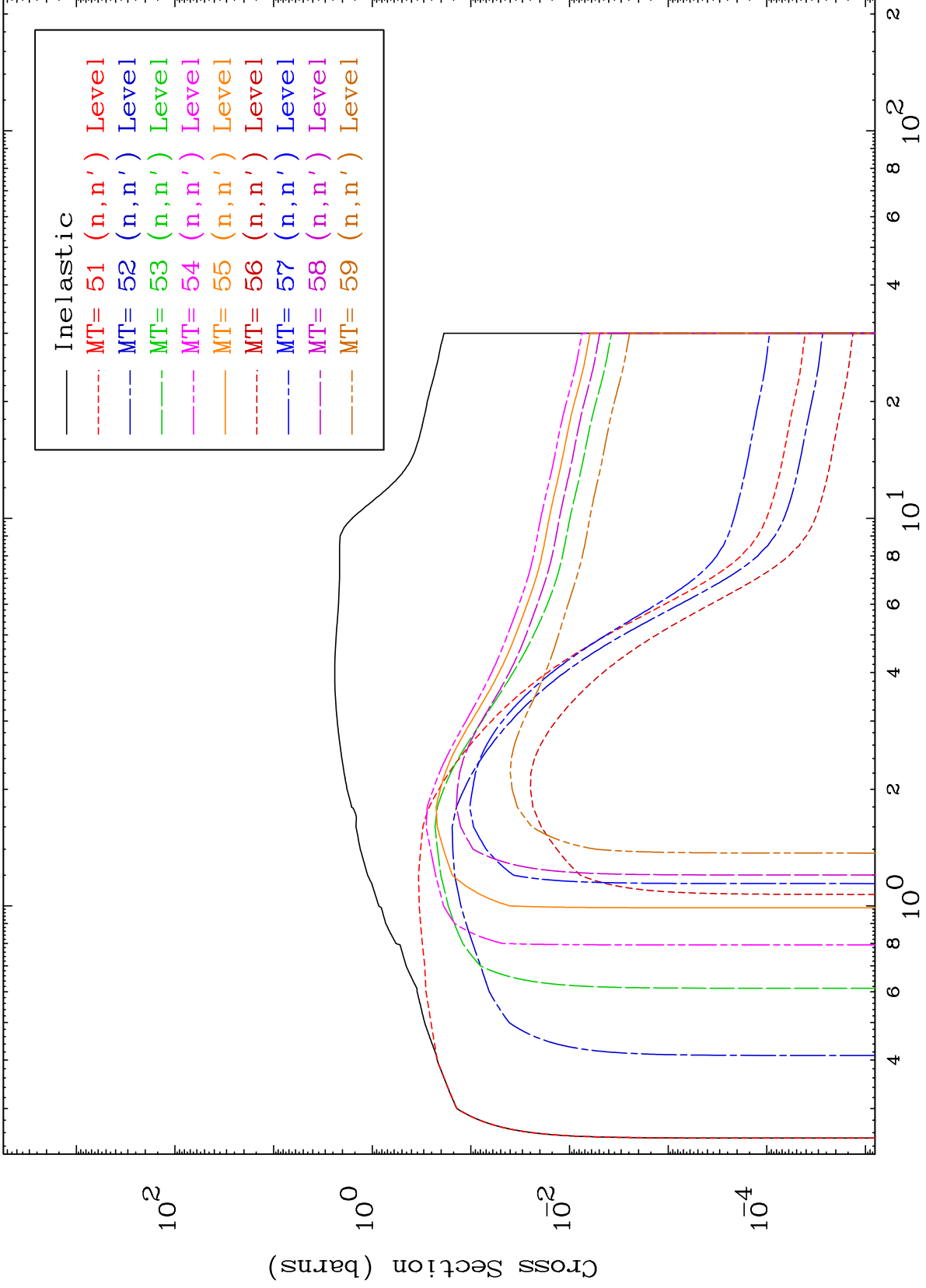


MAT 5531

(n,n') Level

55-Cs-135

293 Kelvin Cross Sections

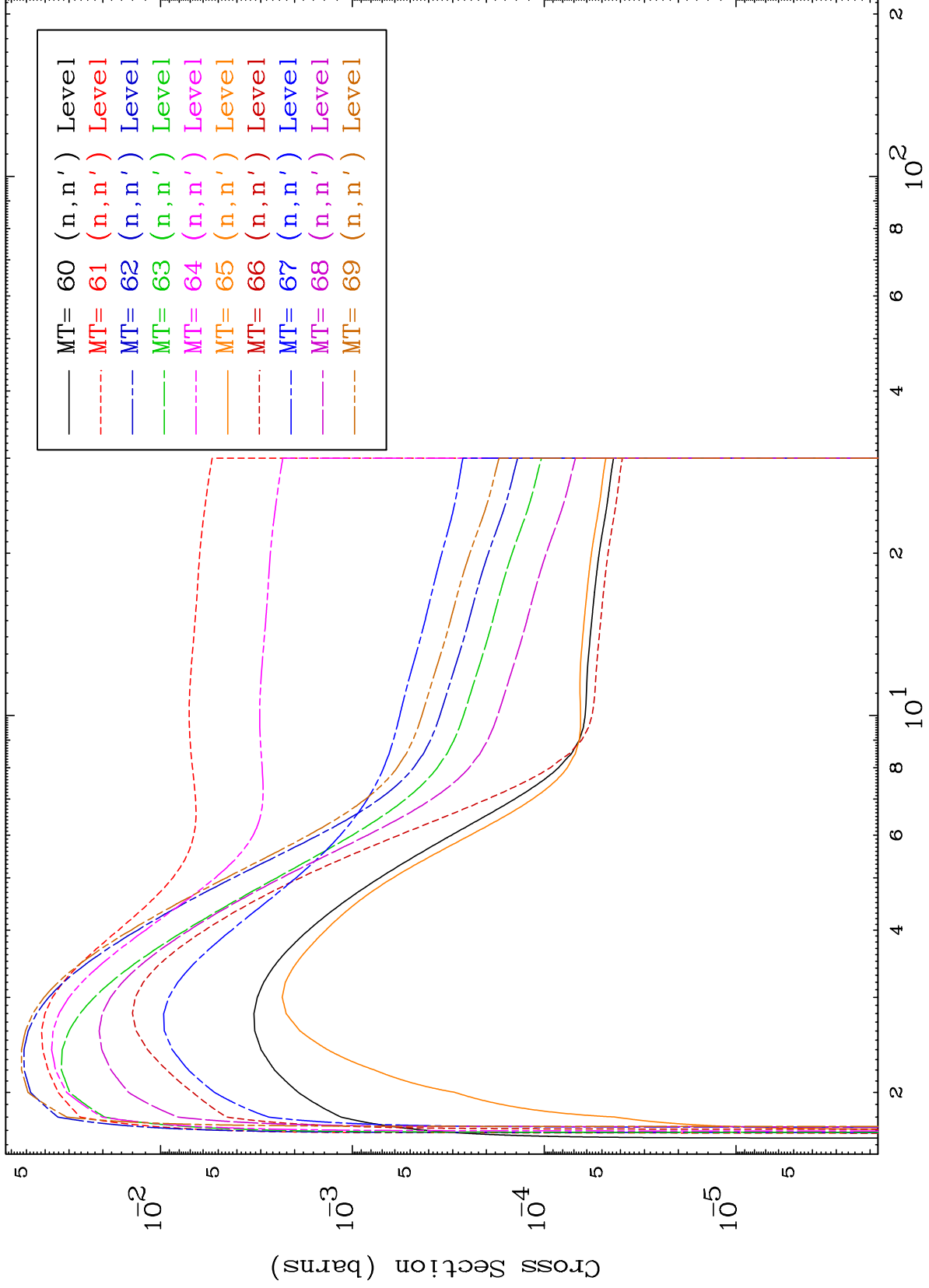


MAT 5531

(n,n') Level

55-Cs-135

293 Kelvin Cross Sections

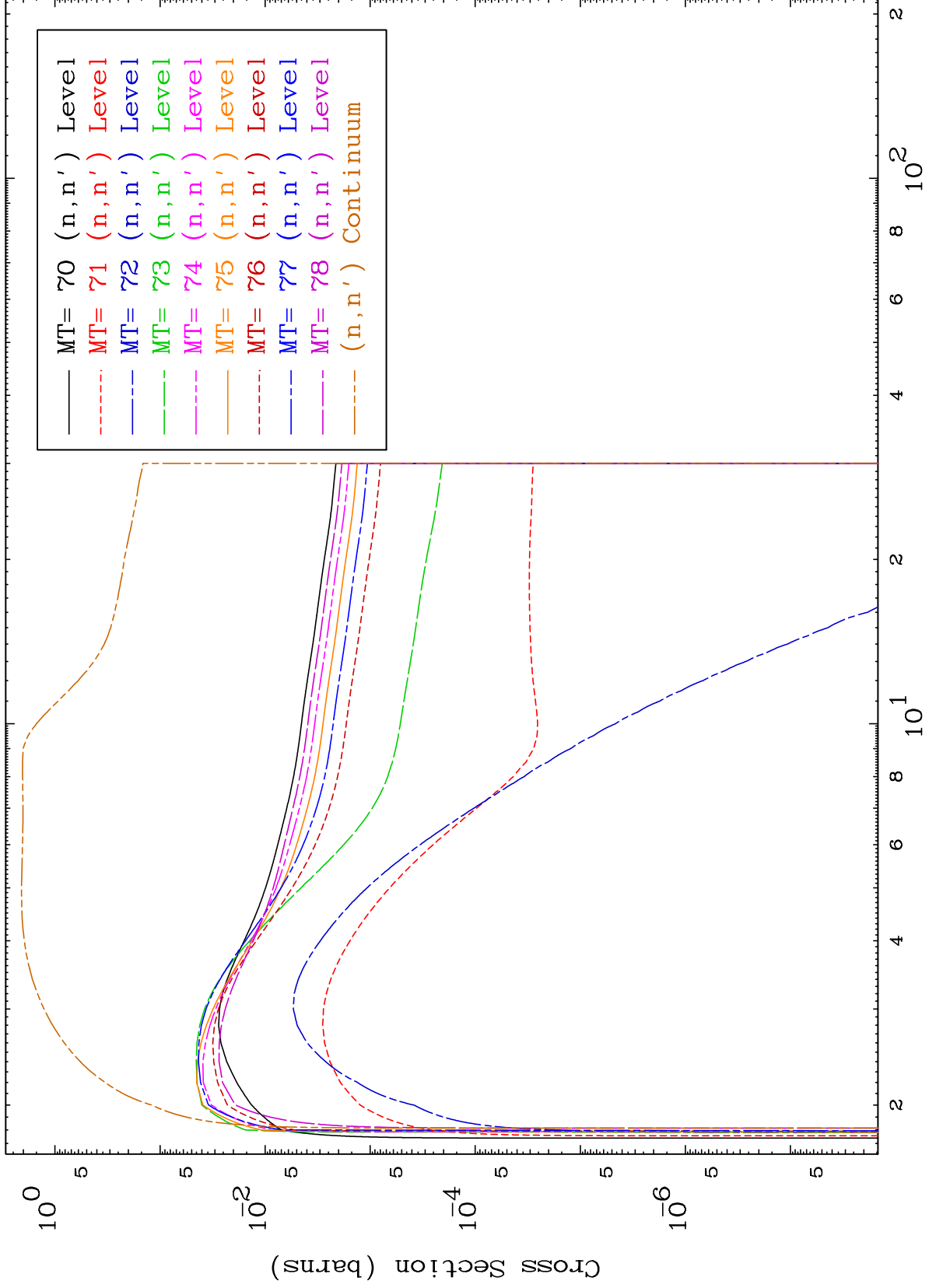


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Incident Energy (MeV)

55-Cs-135

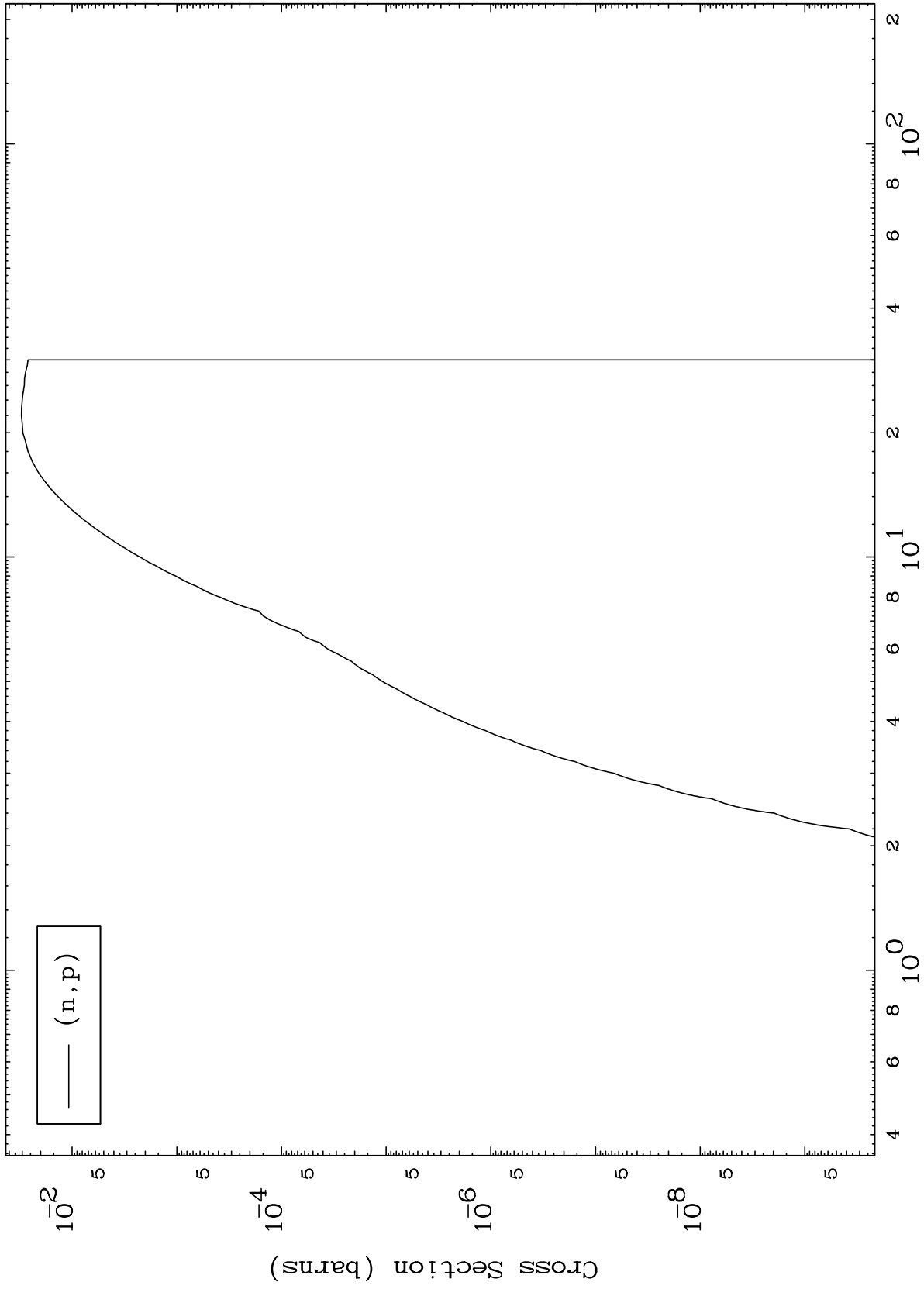
293 Kelvin Cross Sections



MAT 5531

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-135



10

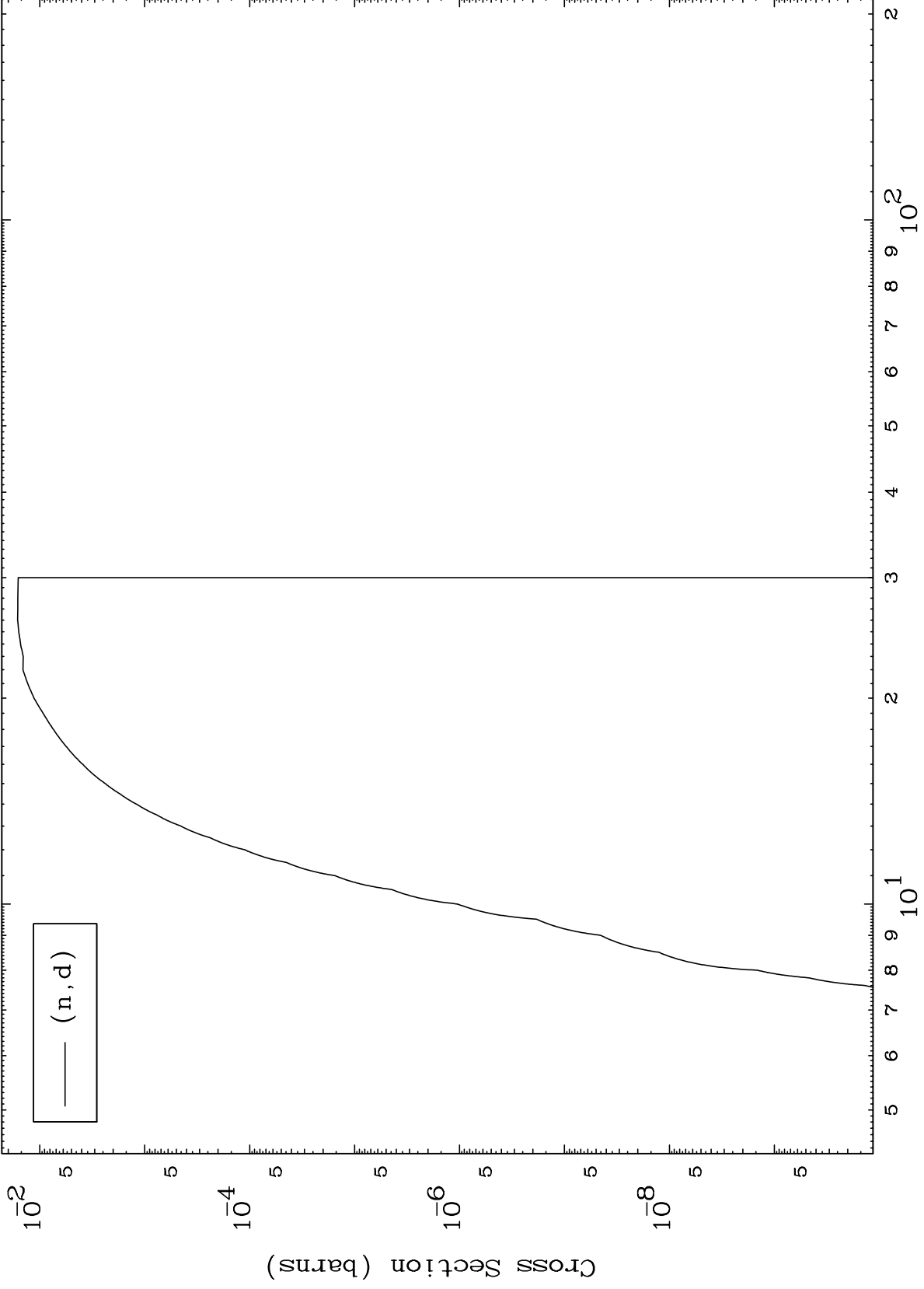
Incident Energy (MeV)

55-Cs-135

MAT 5531

(n,d) Levels
293 Kelvin Cross Sections

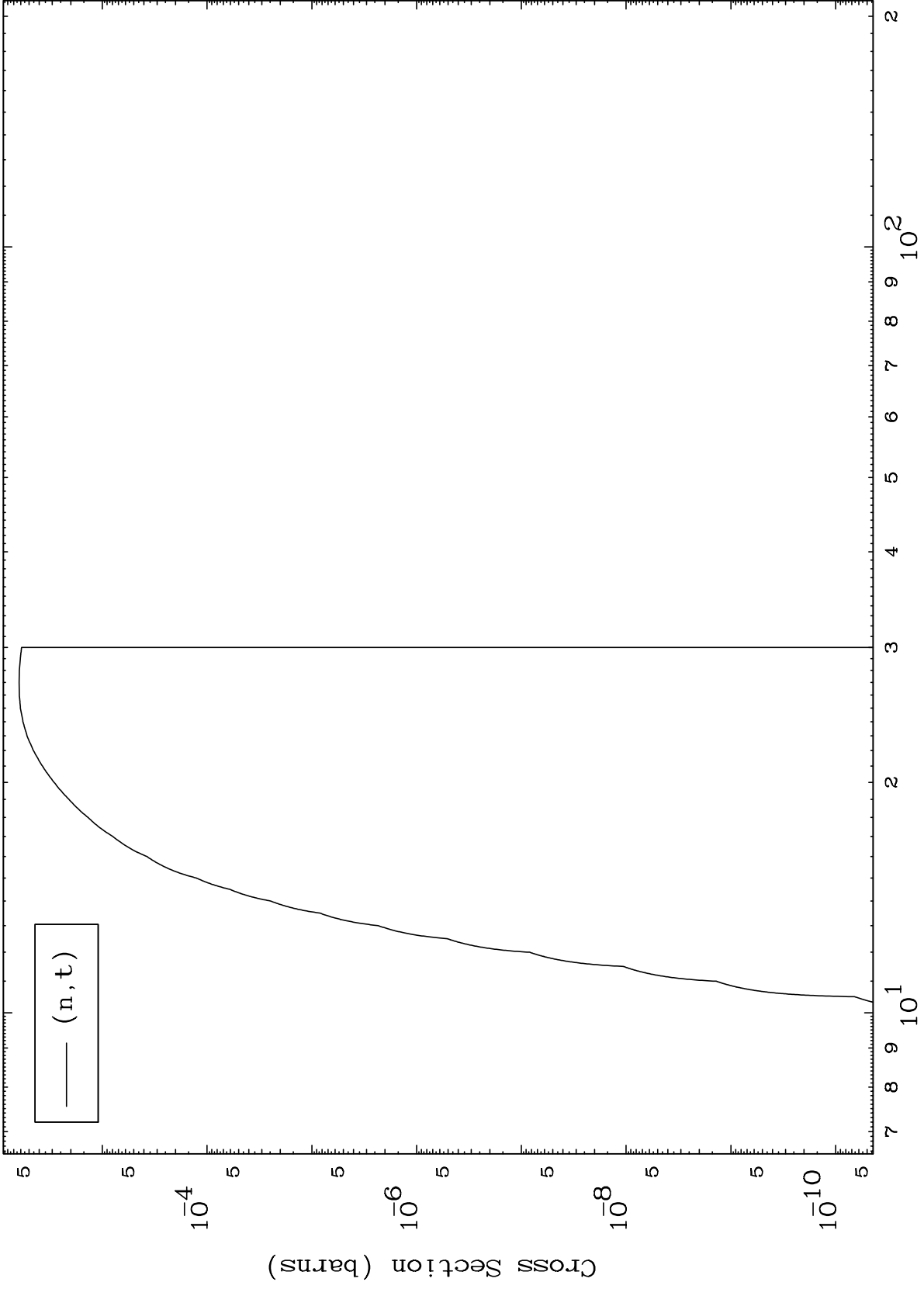
55-Cs-135



MAT 5531

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-135



12

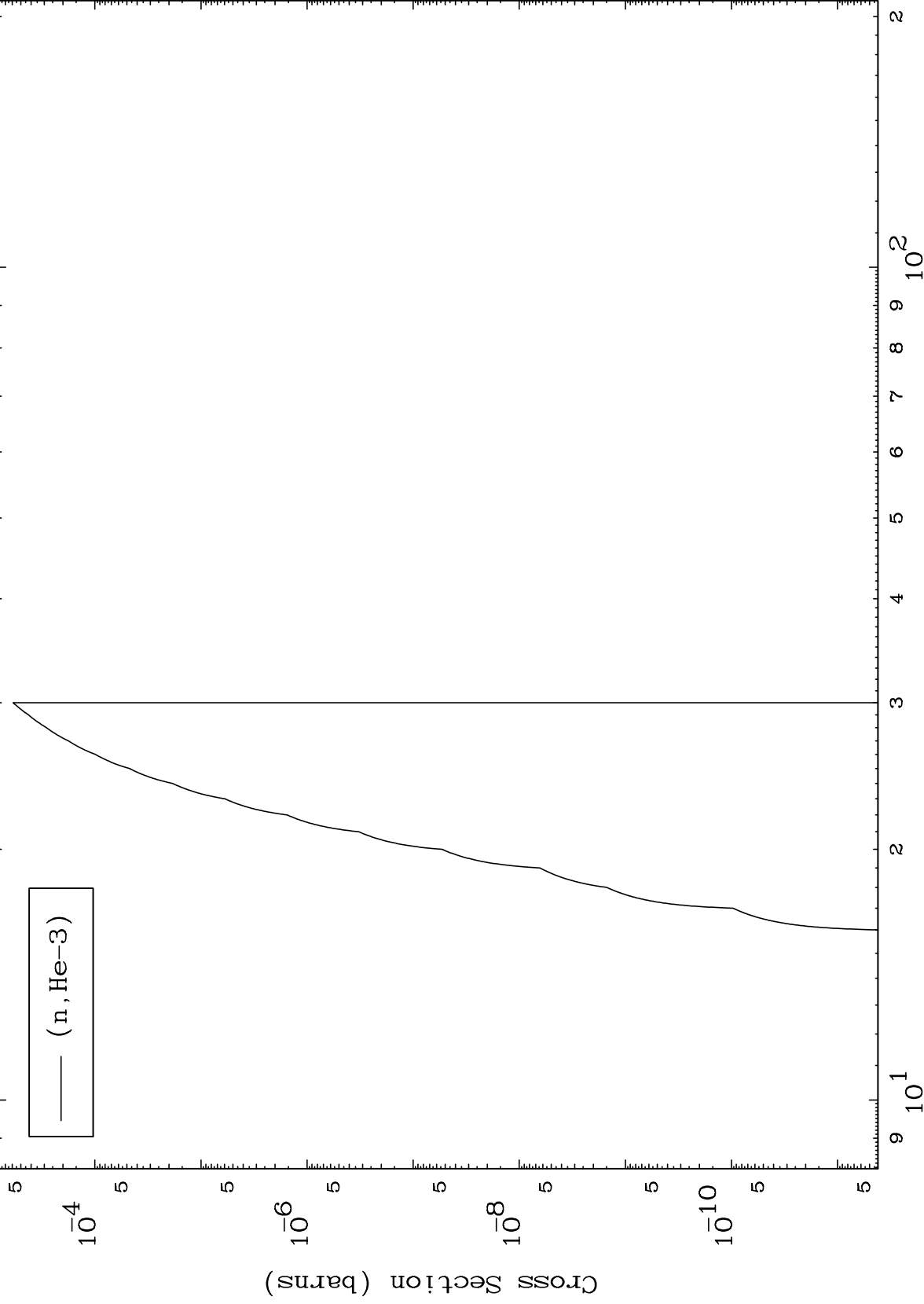
Incident Energy (MeV)

55-Cs-135

MAT 5531

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-135



Incident Energy (MeV)

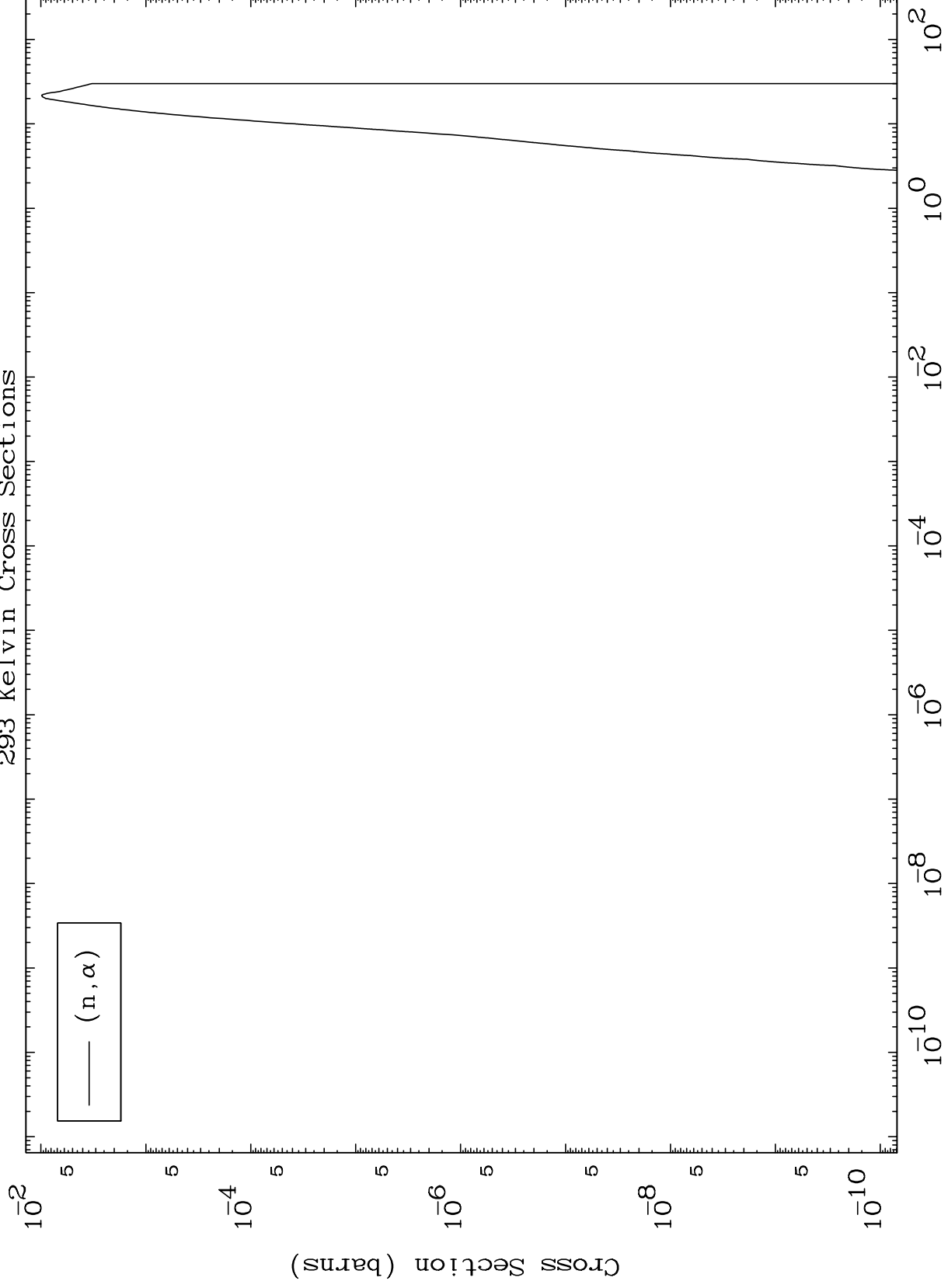
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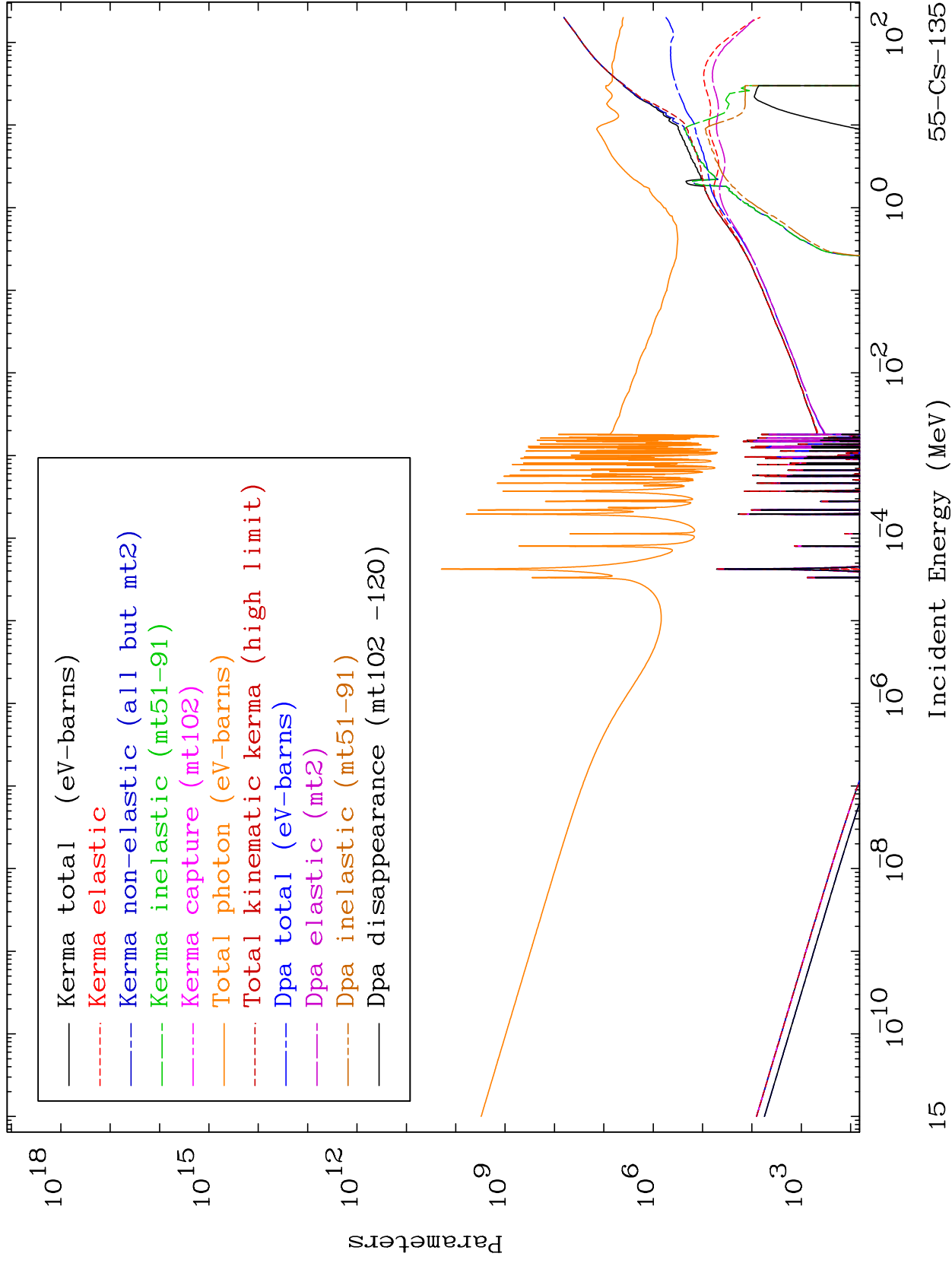
13

MAT 5531

(n, α) Levels
293 Kelvin Cross Sections

55-Cs-135

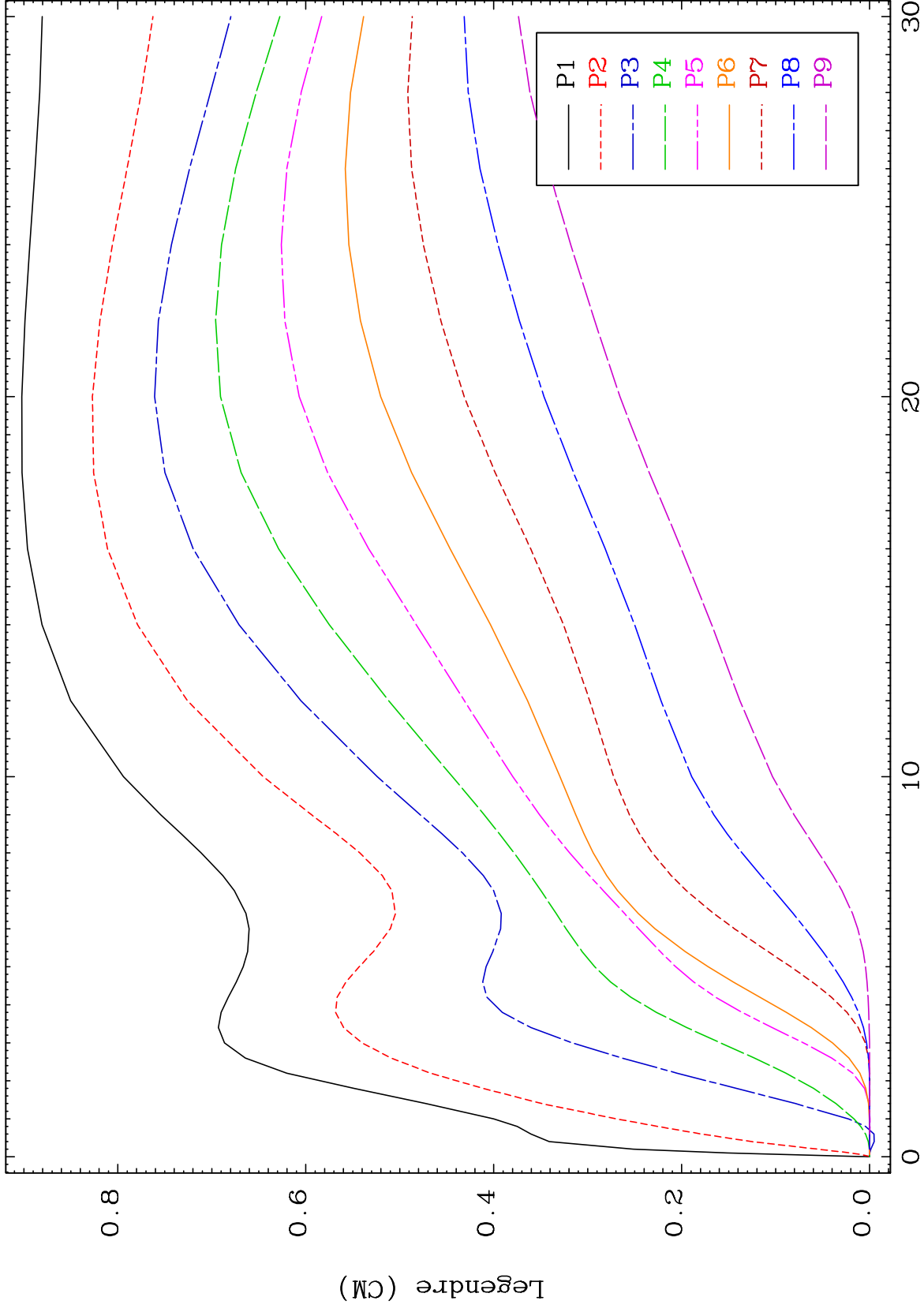




MAT 5531

Elastic Legendre Coefficients

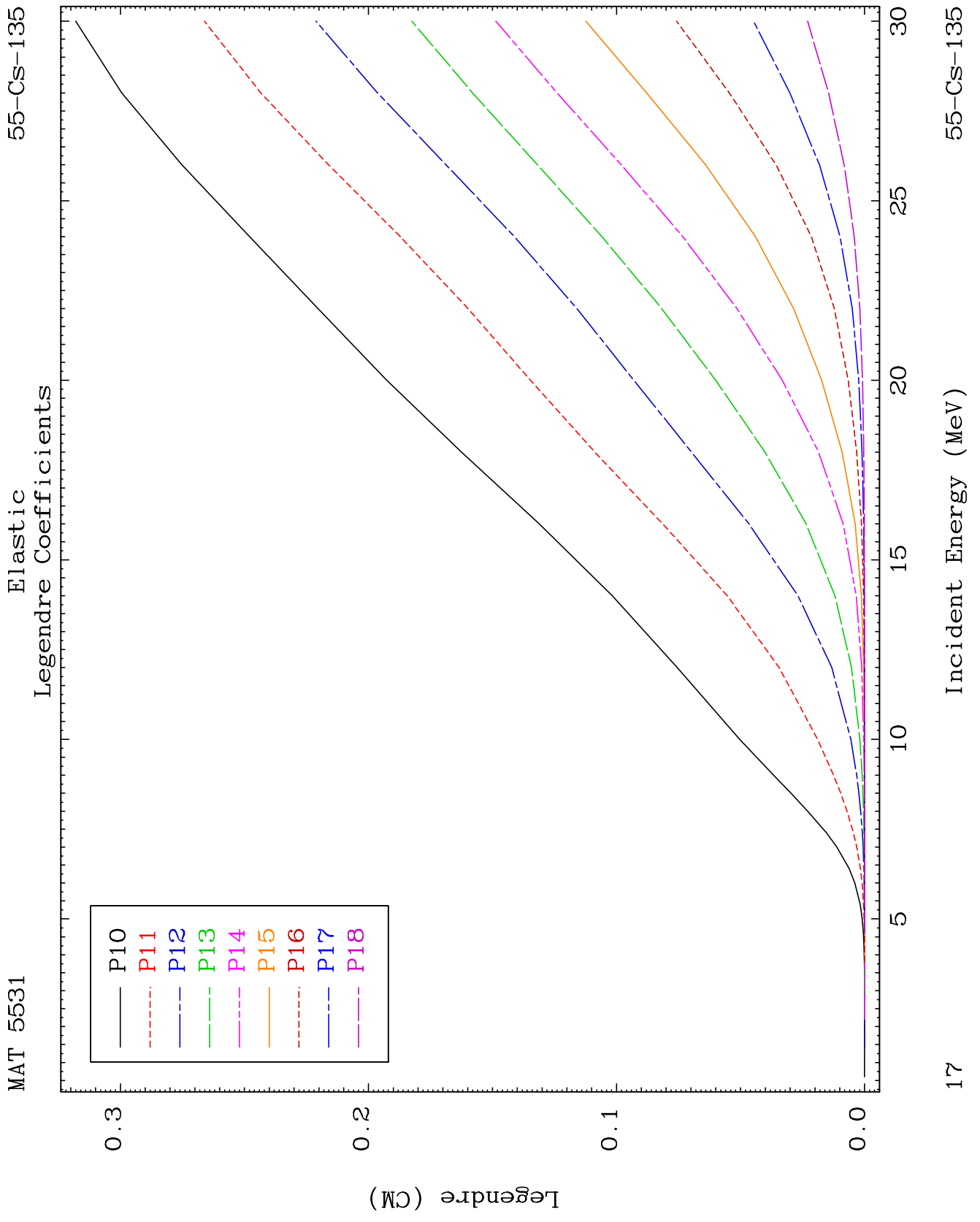
55-Cs-135



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Incident Energy (MeV)

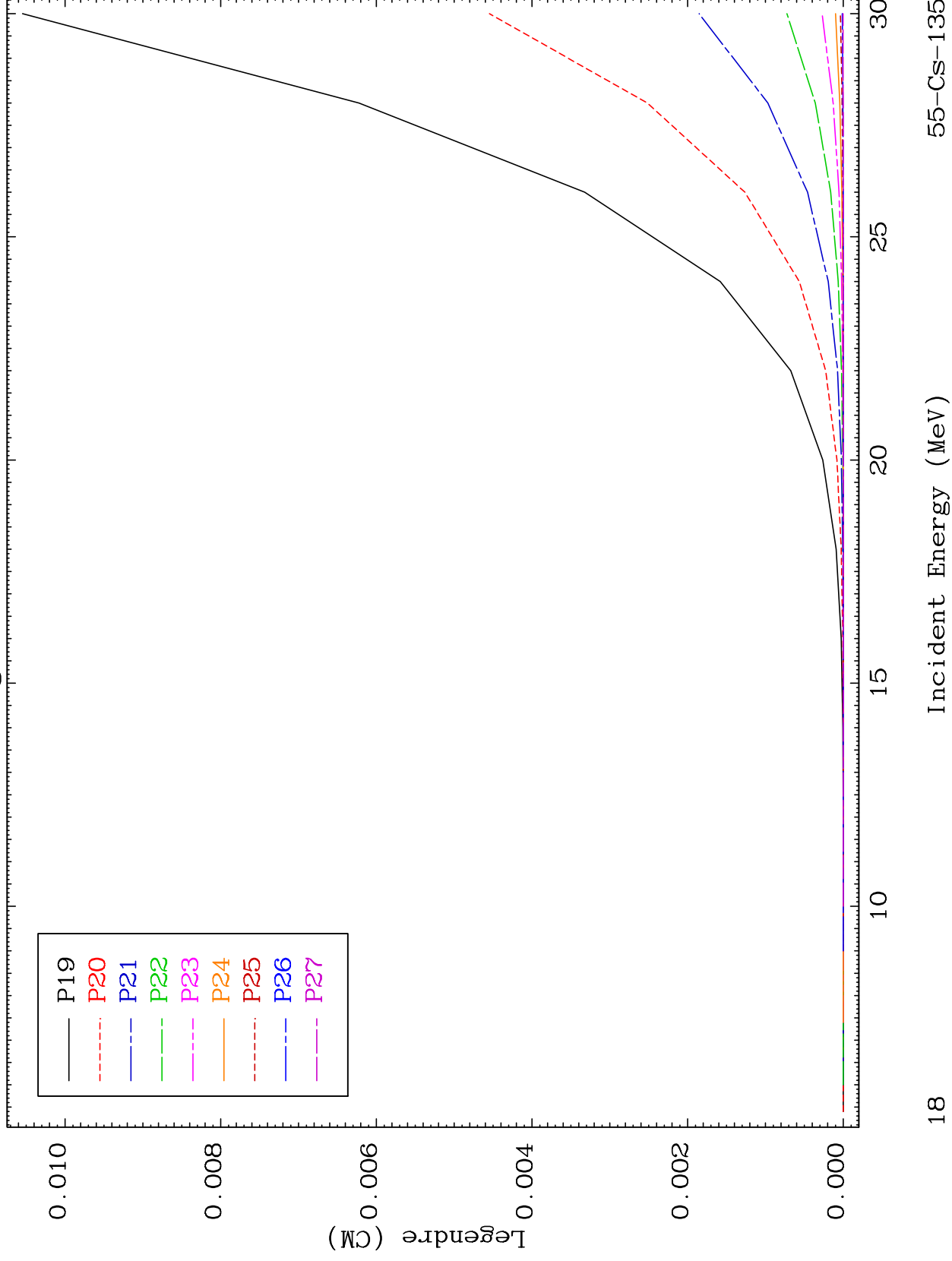
55-Cs-135



MAT 5531

Elastic Legendre Coefficients

55-Cs-135



18

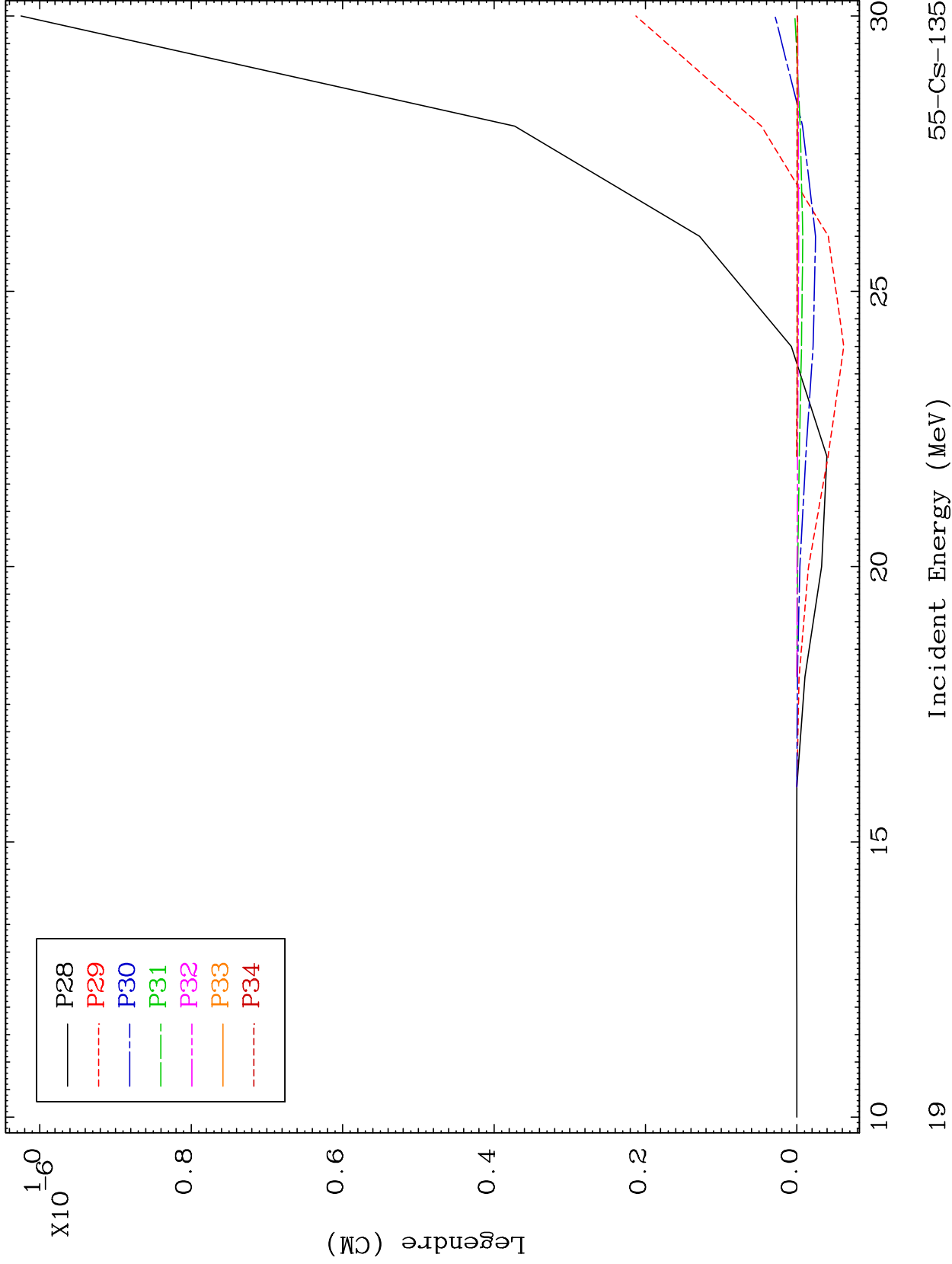
Incident Energy (MeV)

55-Cs-135

MAT 5531

Elastic Legendre Coefficients

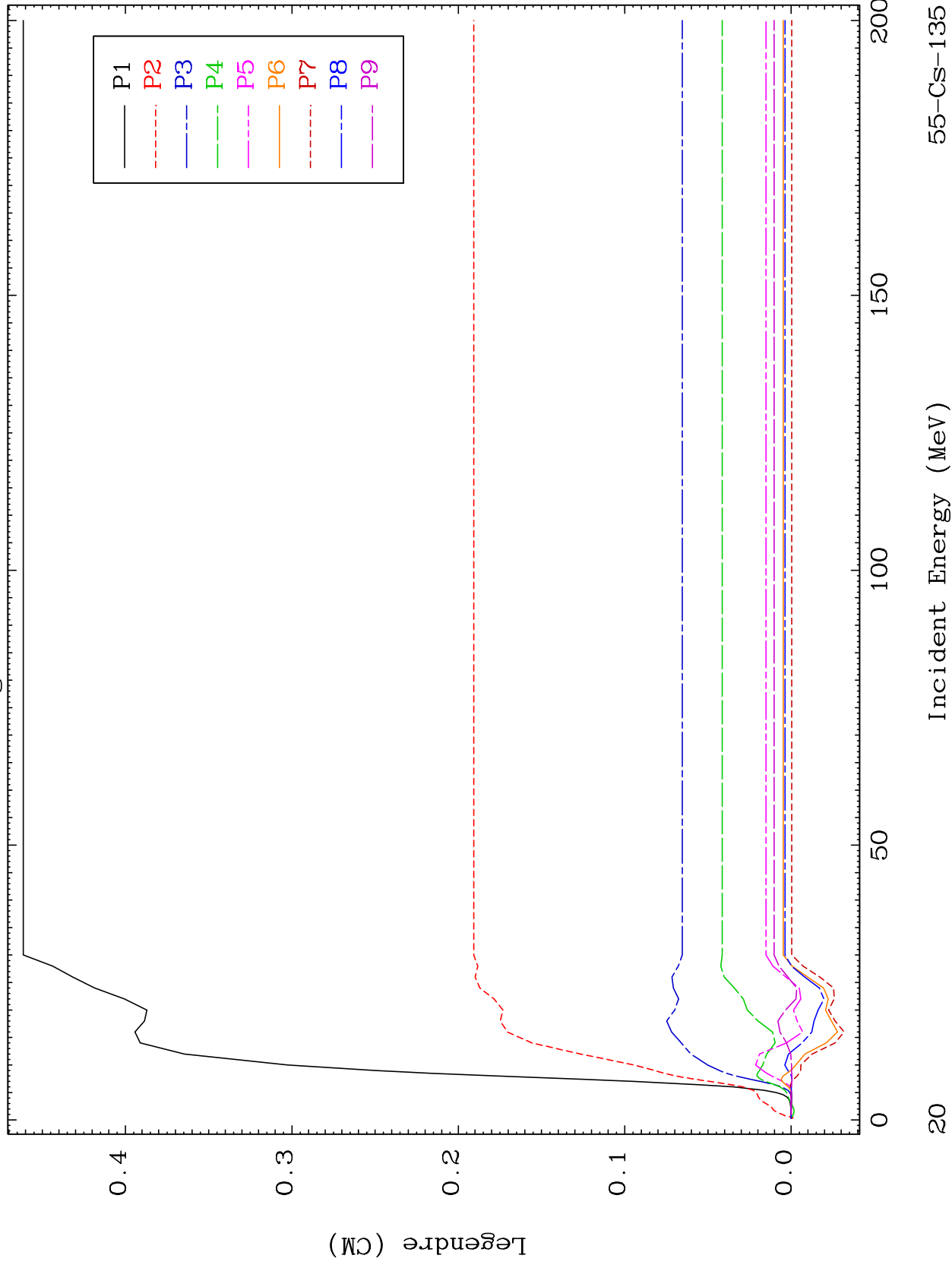
55-Cs-135



MAT 5531

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

55-Cs-135



55-Cs-135

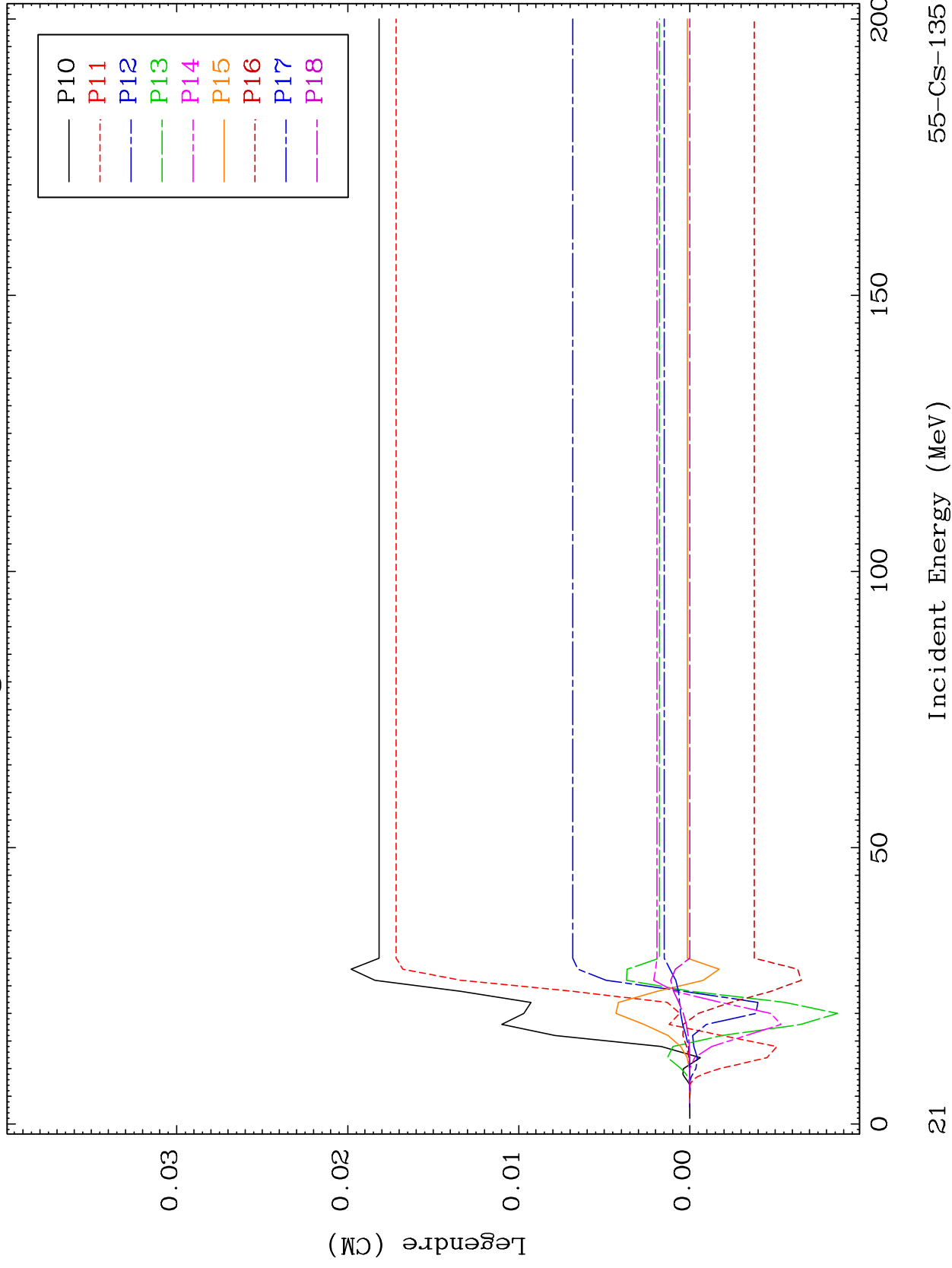
Incident Energy (MeV)

0

MAT 5531

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

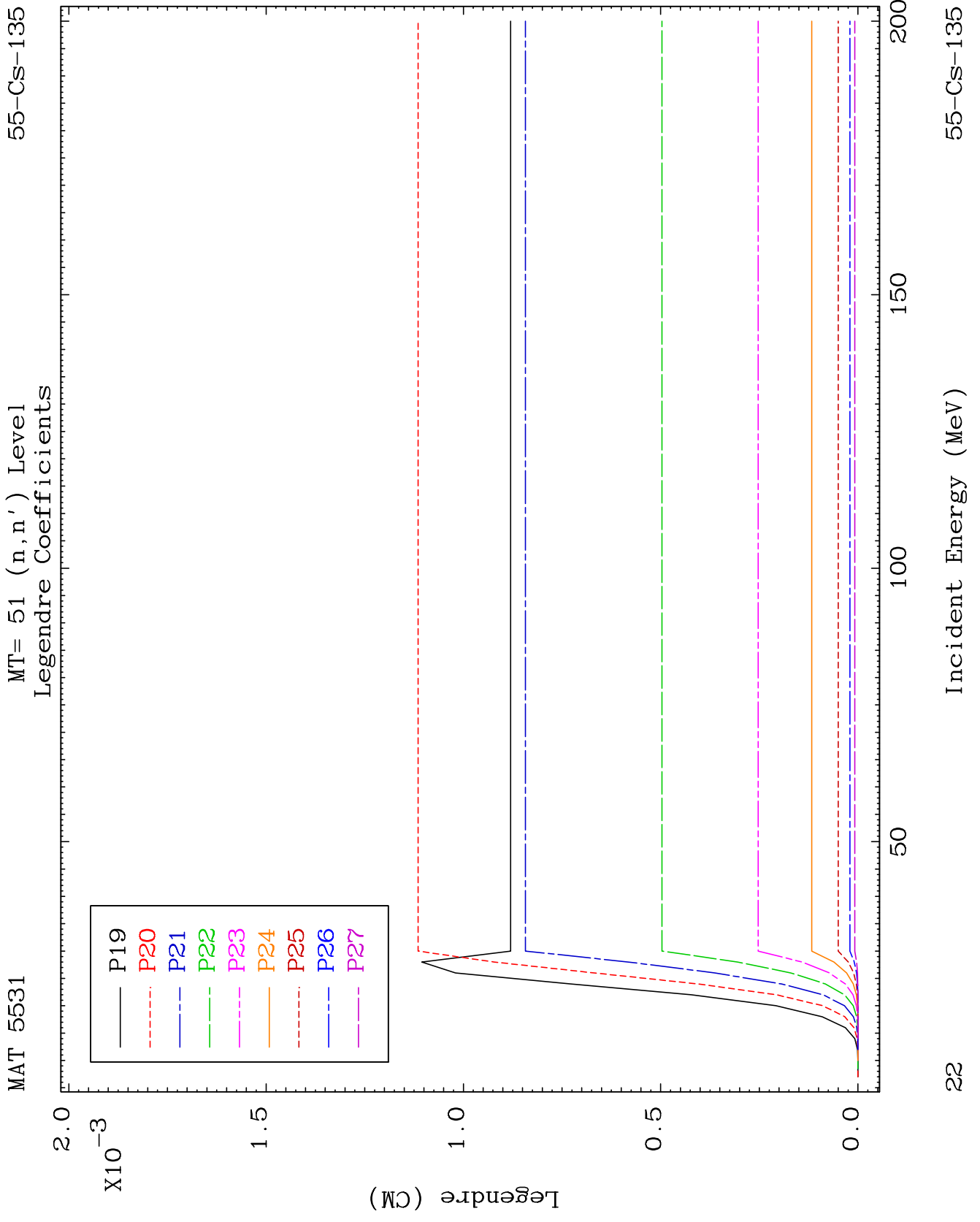
55-Cs-135



21

Incident Energy (MeV)

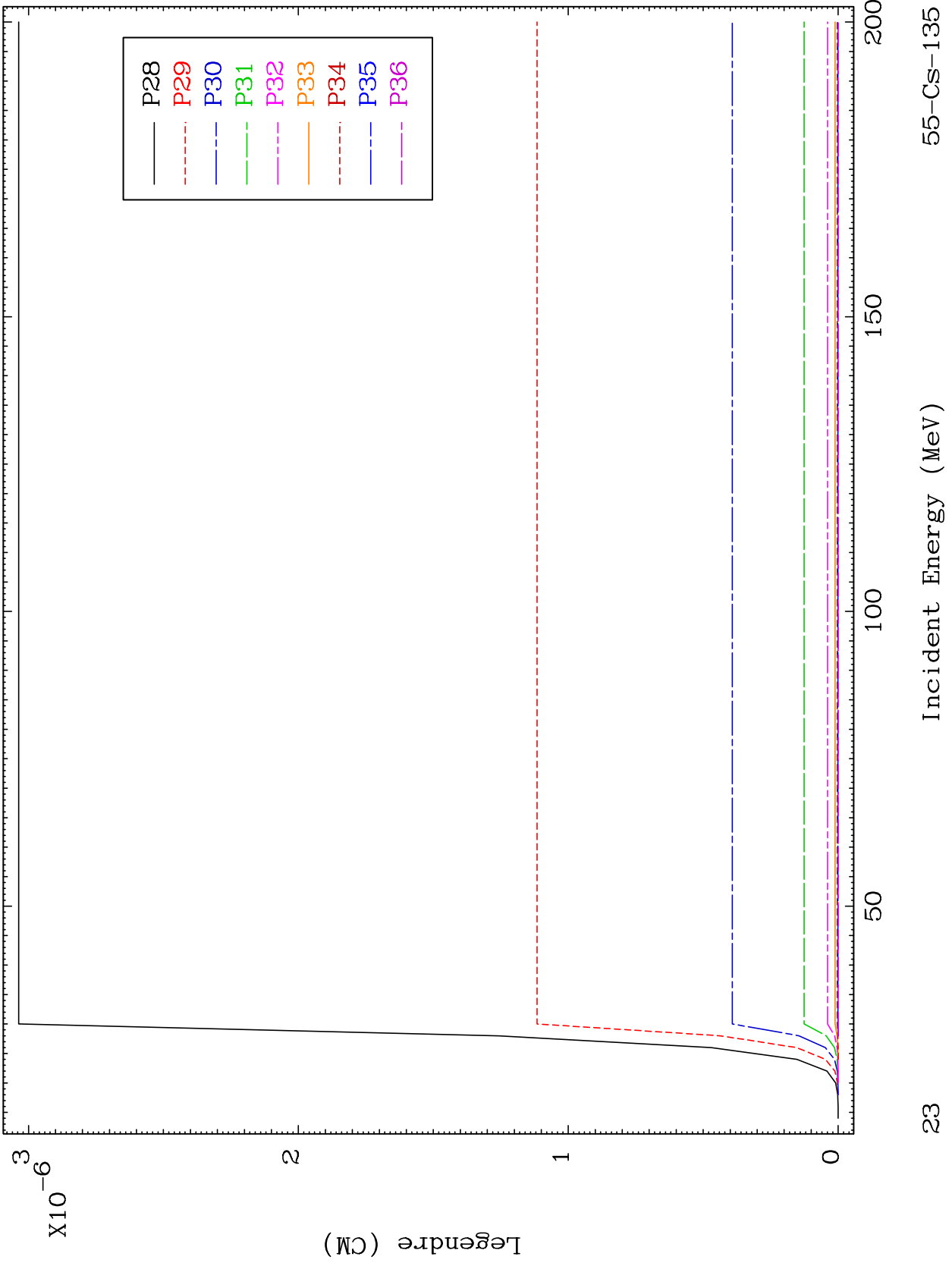
55-Cs-135



MAT 5531

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

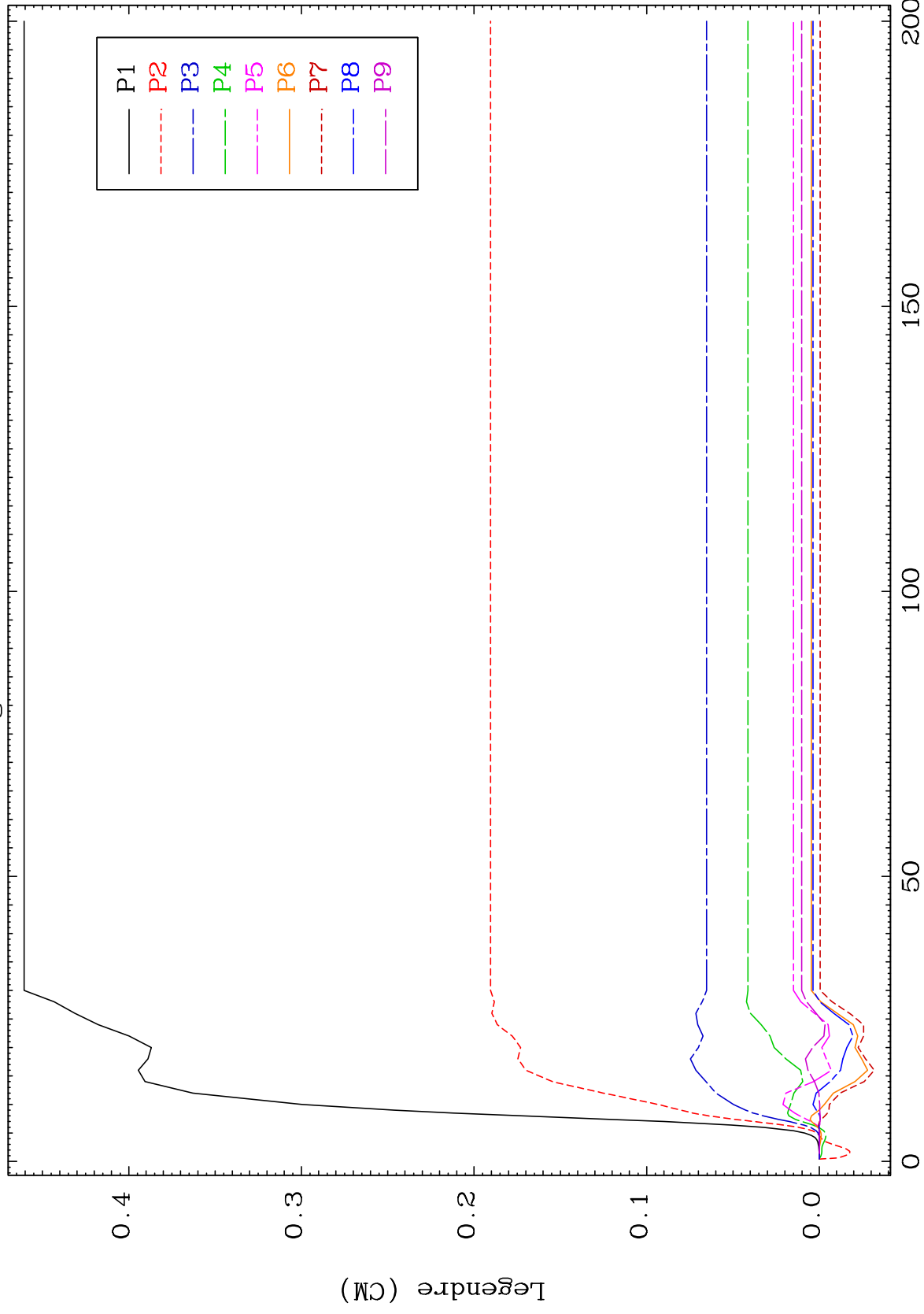
55-Cs-135



MAT 5531

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

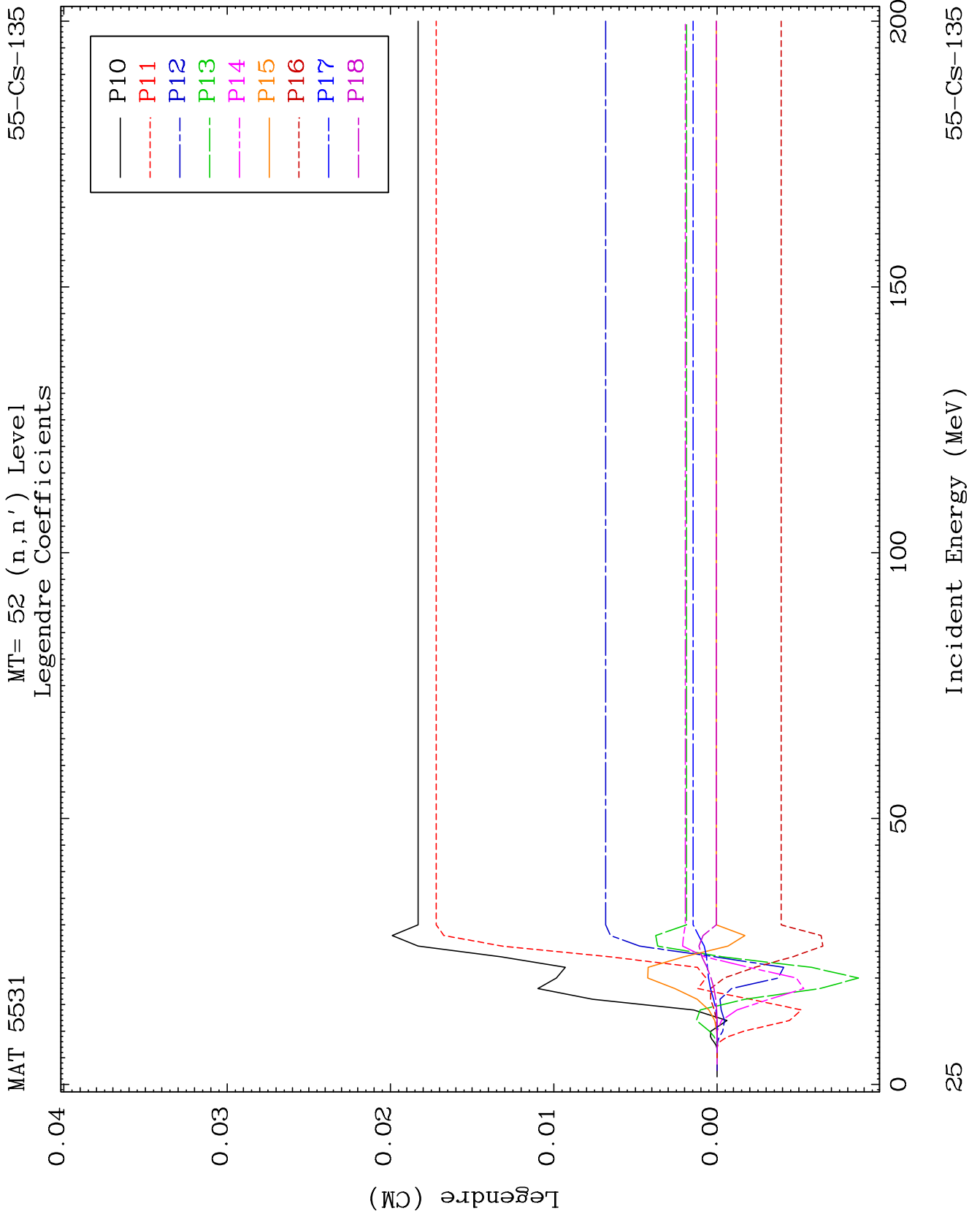
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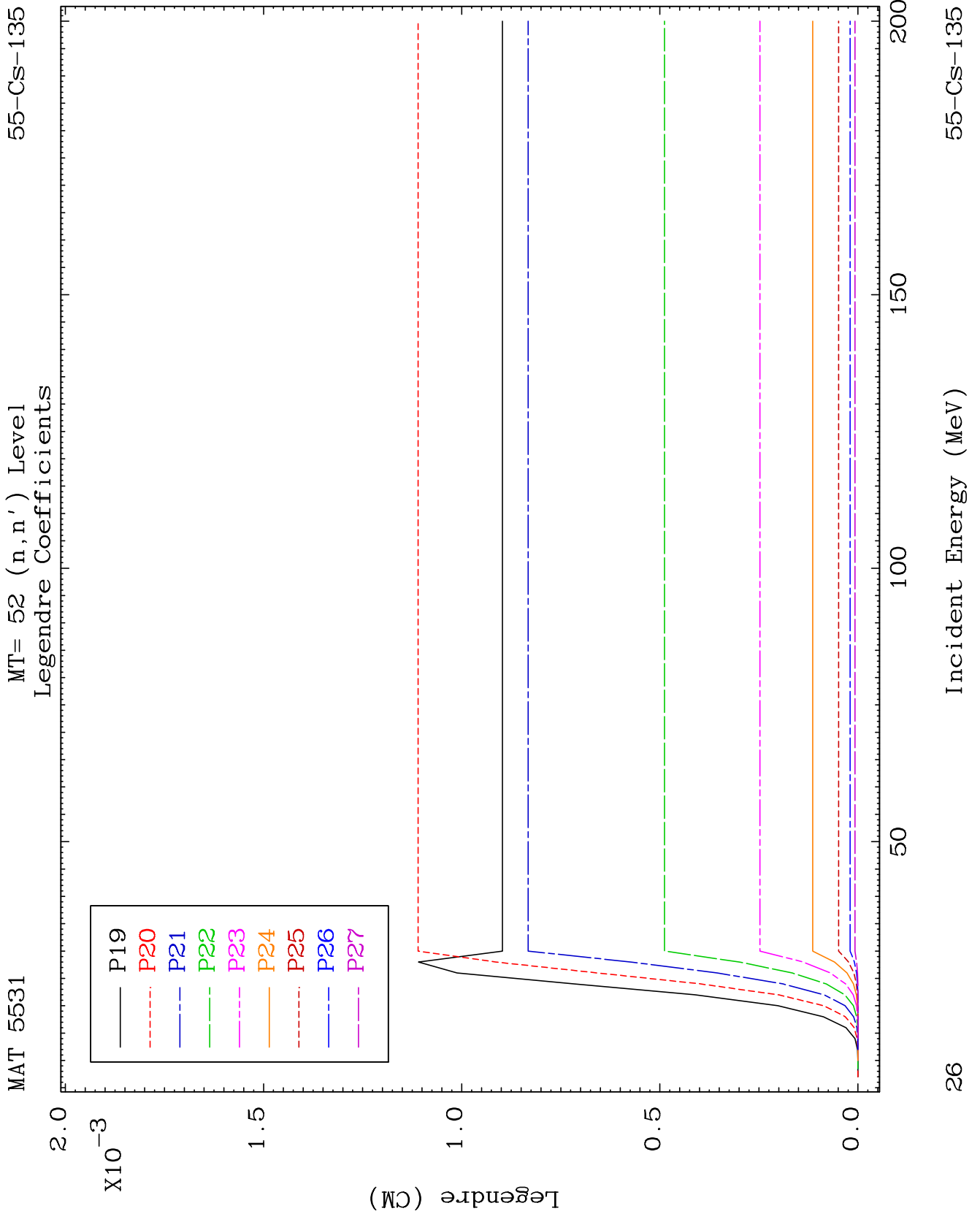


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Incident Energy (MeV)

55-Cs-135

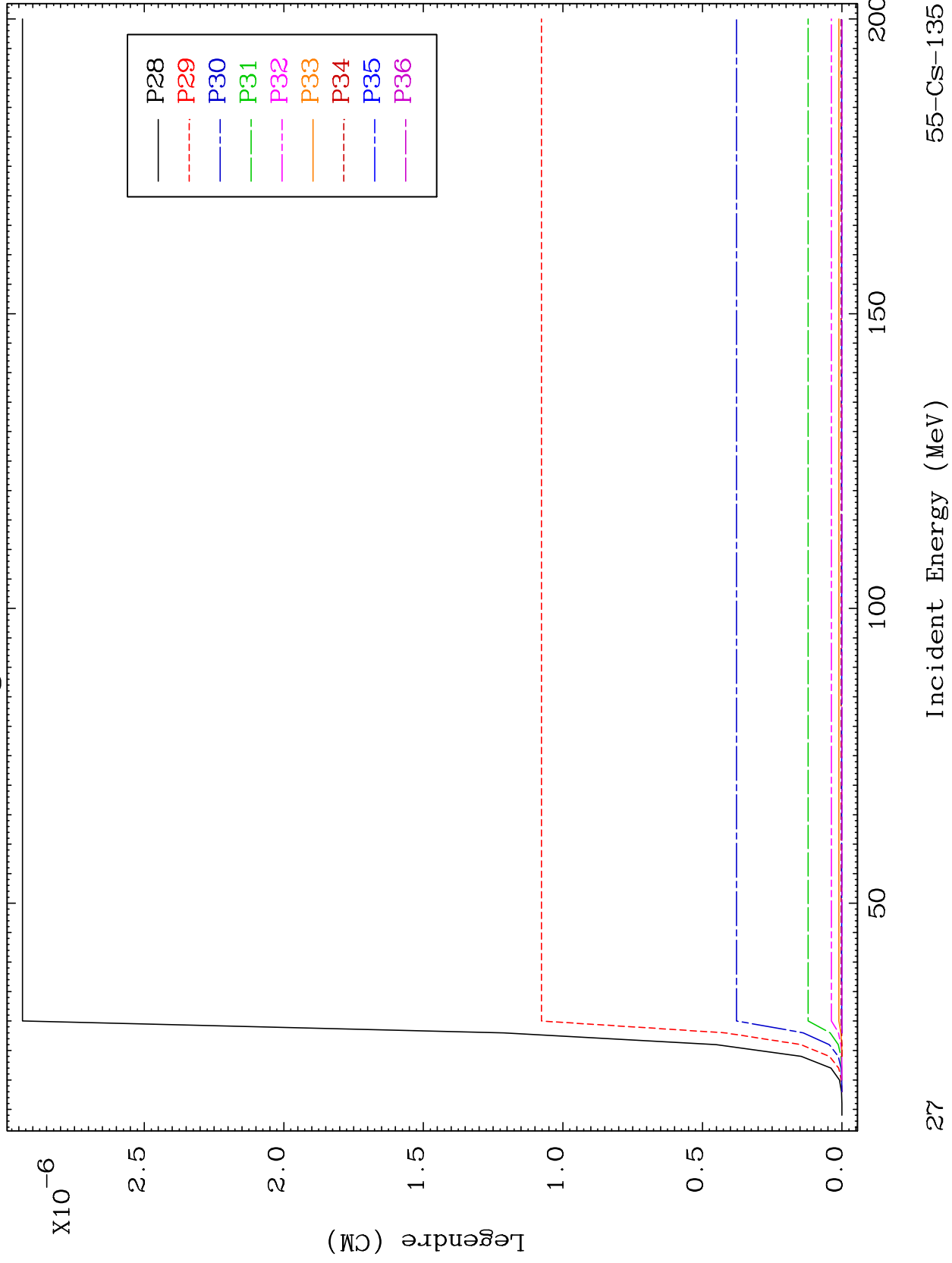




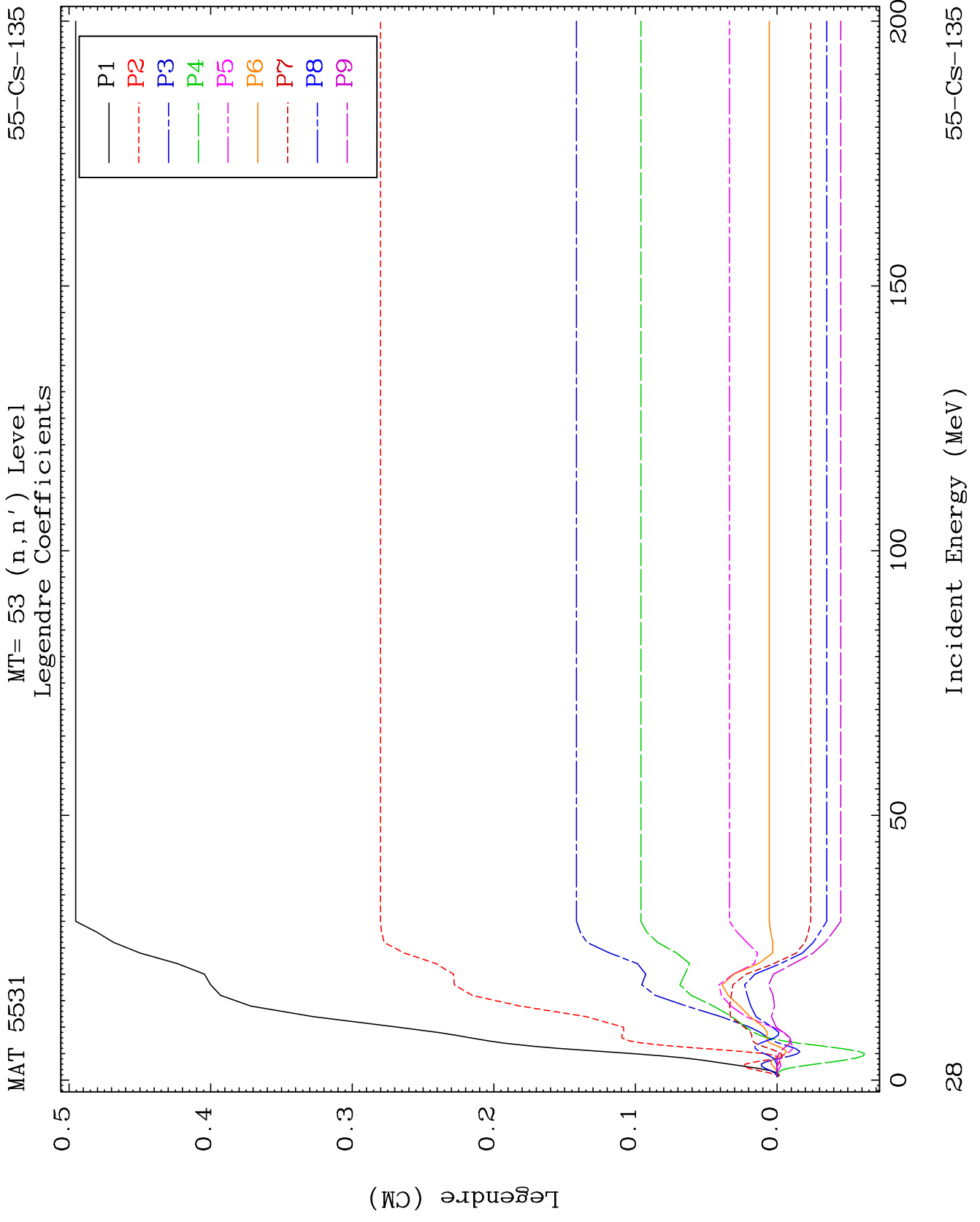
MAT 5531

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

55-Cs-135



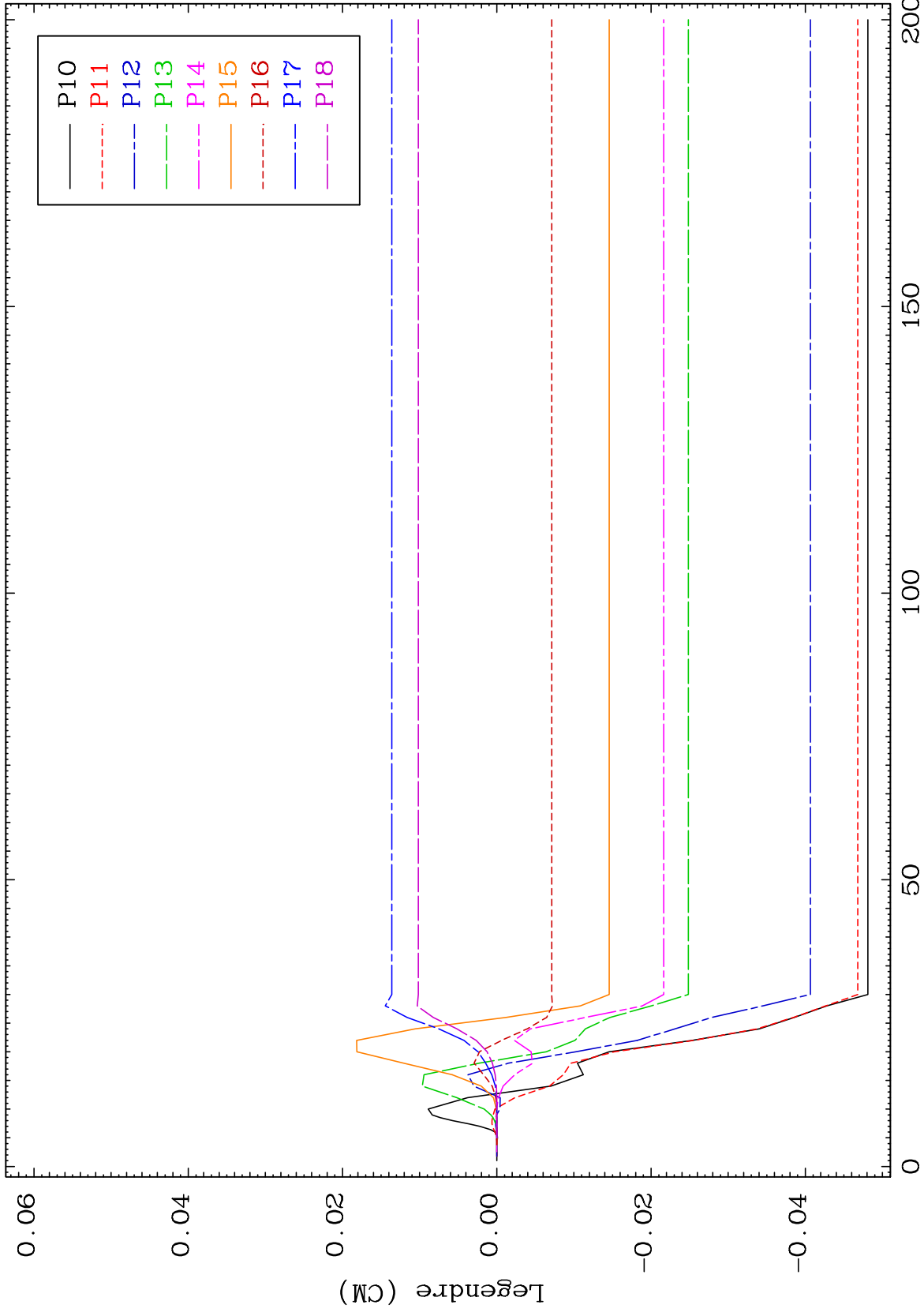
27



MAT 5531

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

55-Cs-135



29

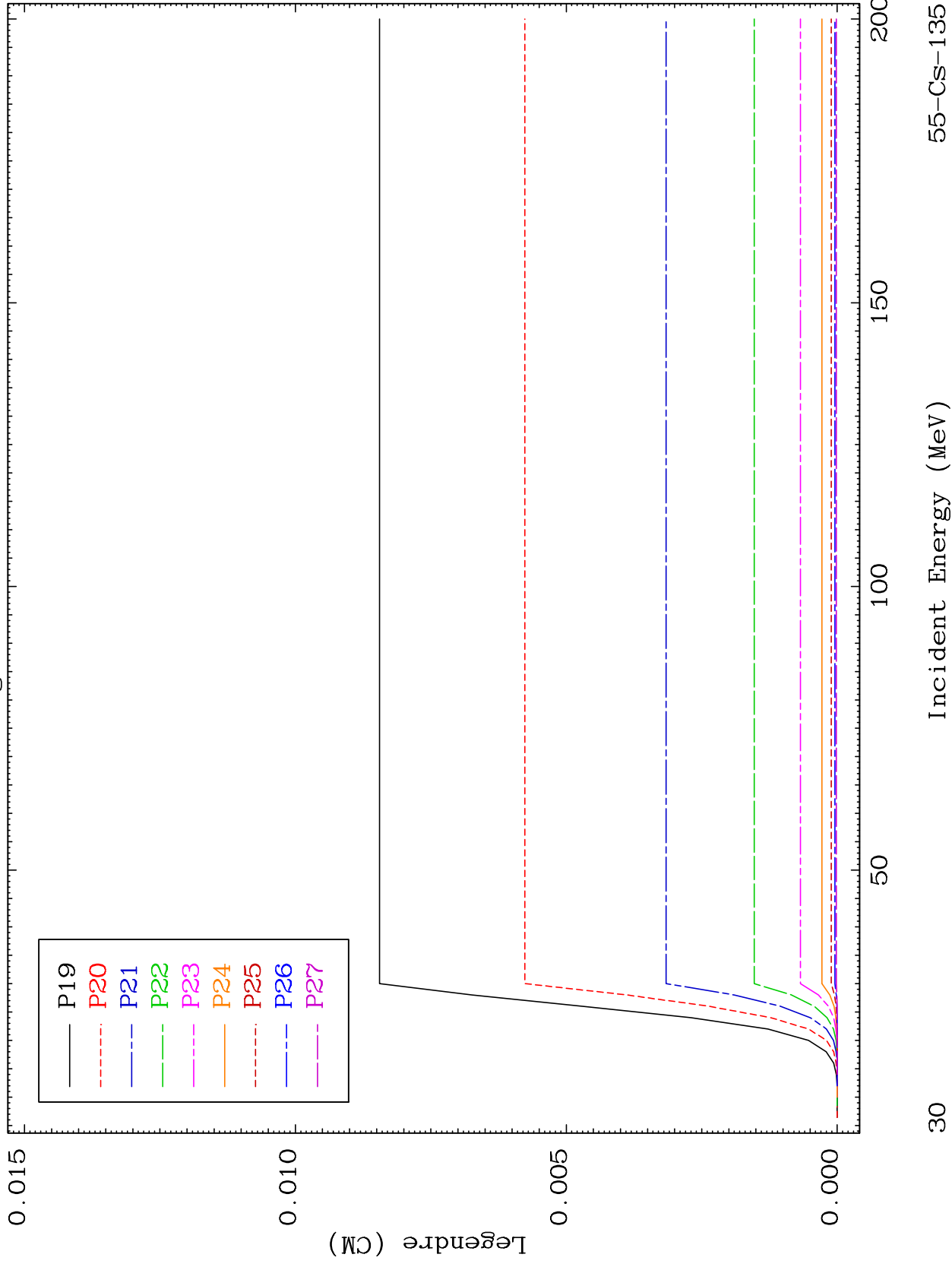
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

55-Cs-135



55-Cs-135

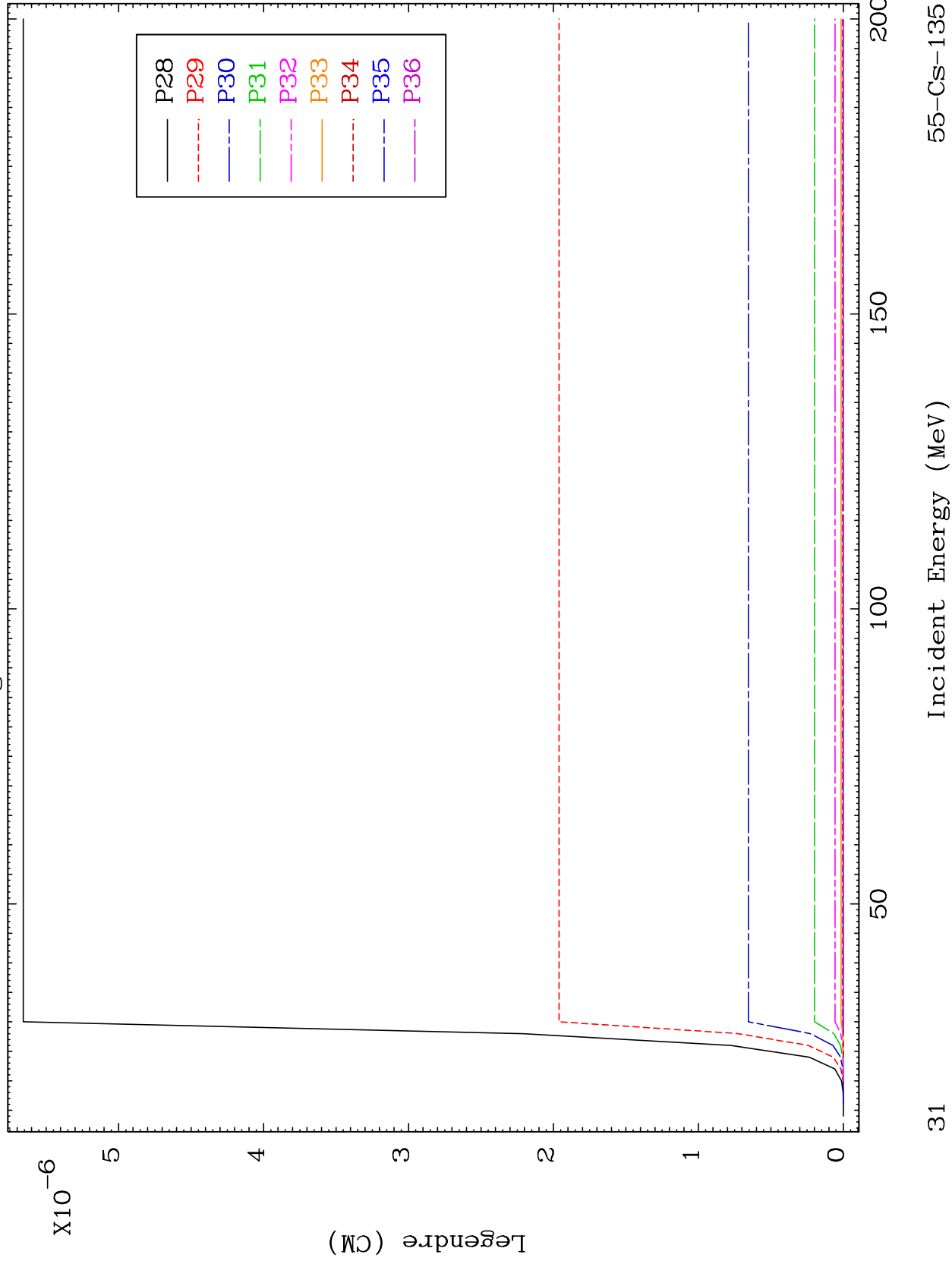
Incident Energy (MeV)

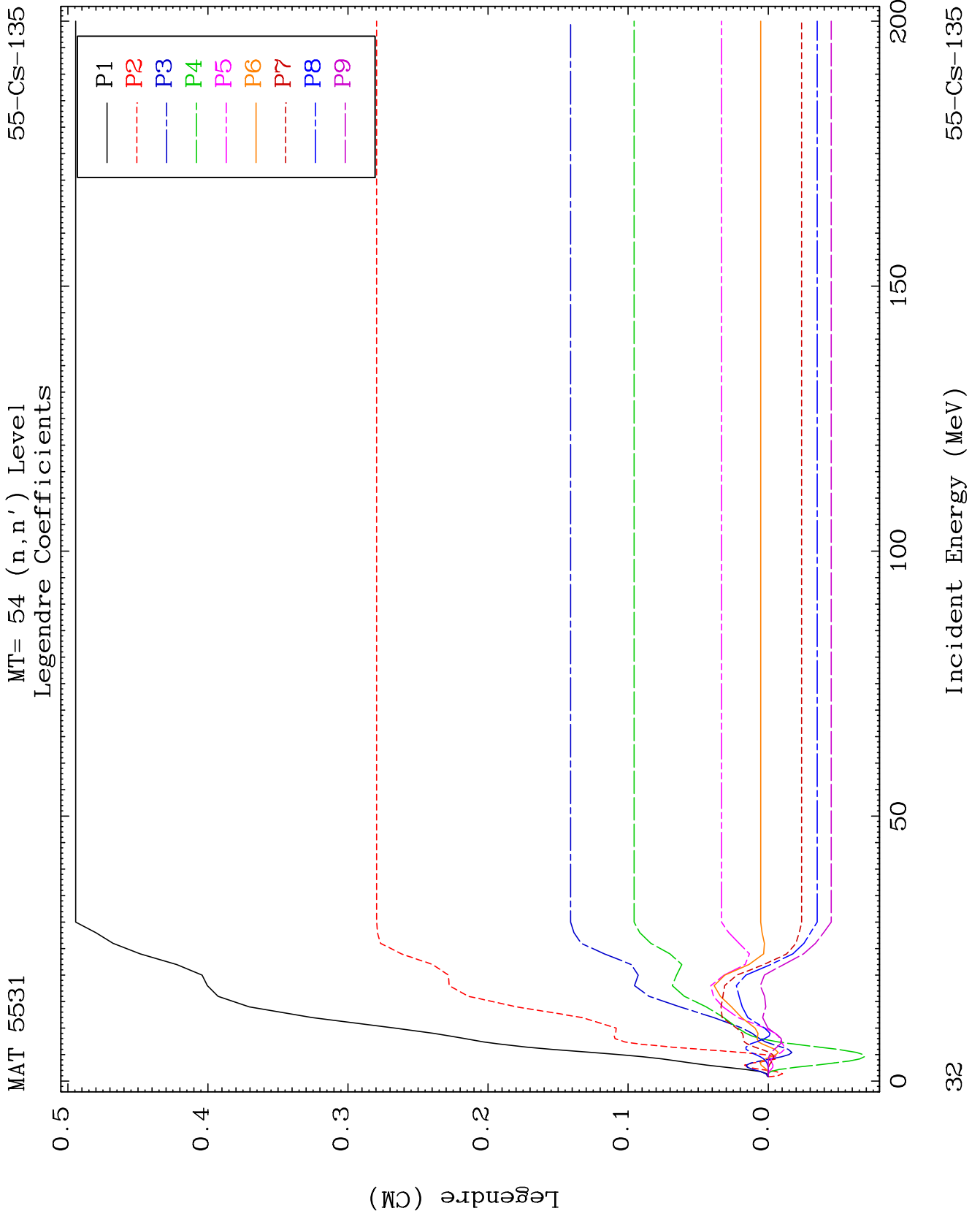
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MAT 5531

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

55-Cs-135

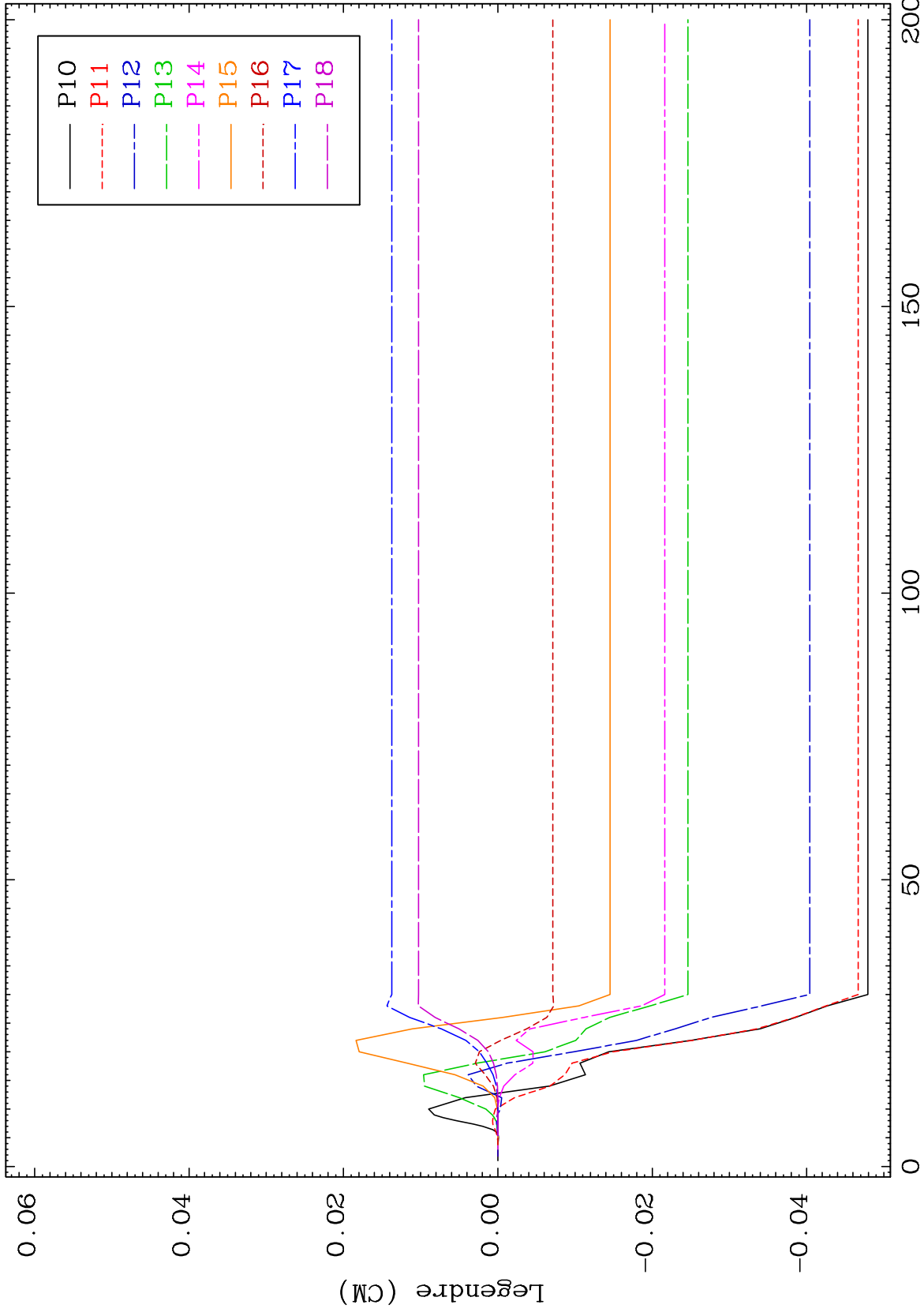




MAT 5531

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

55-Cs-135



33

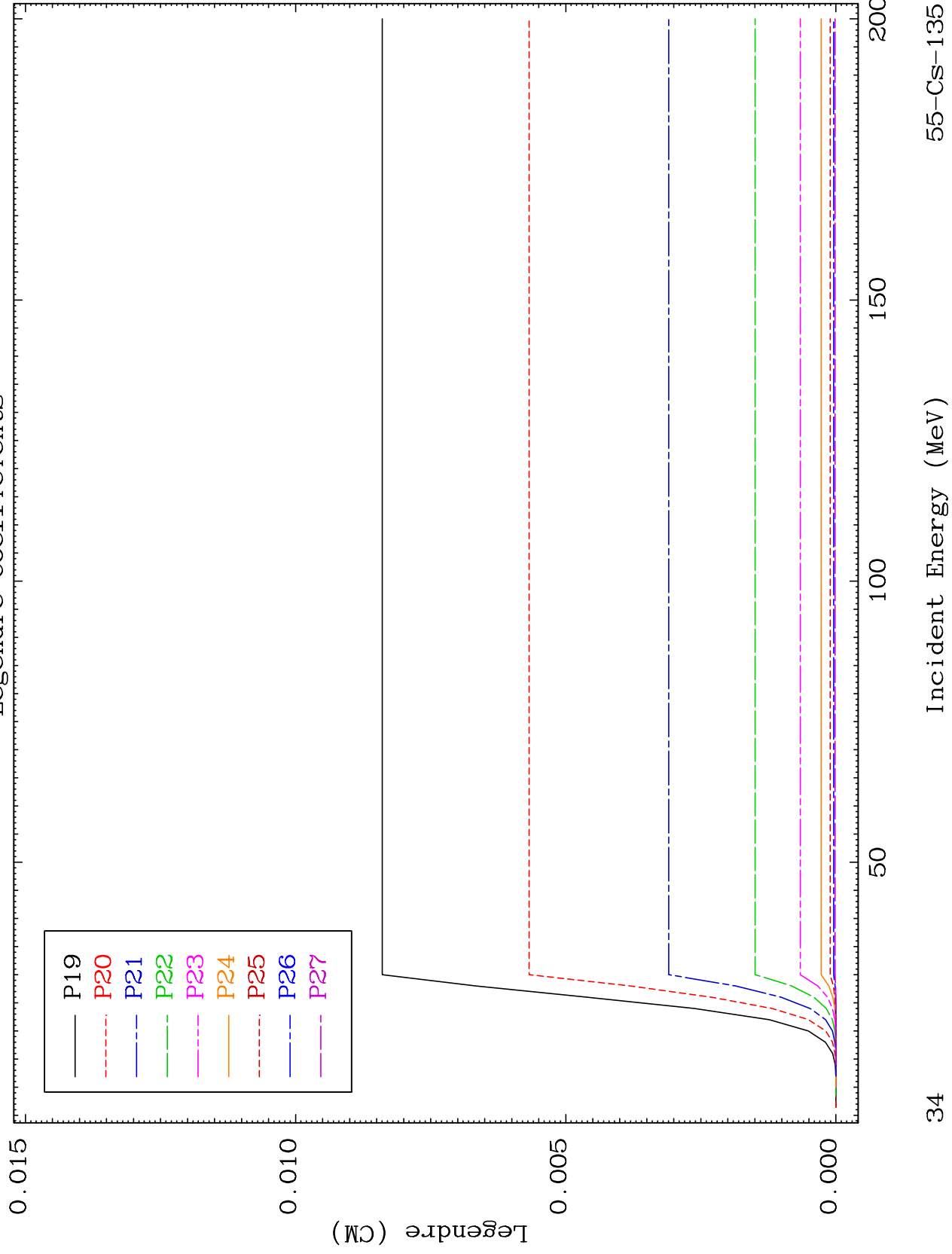
Incident Energy (MeV)

55-Cs-135

MAT 5531

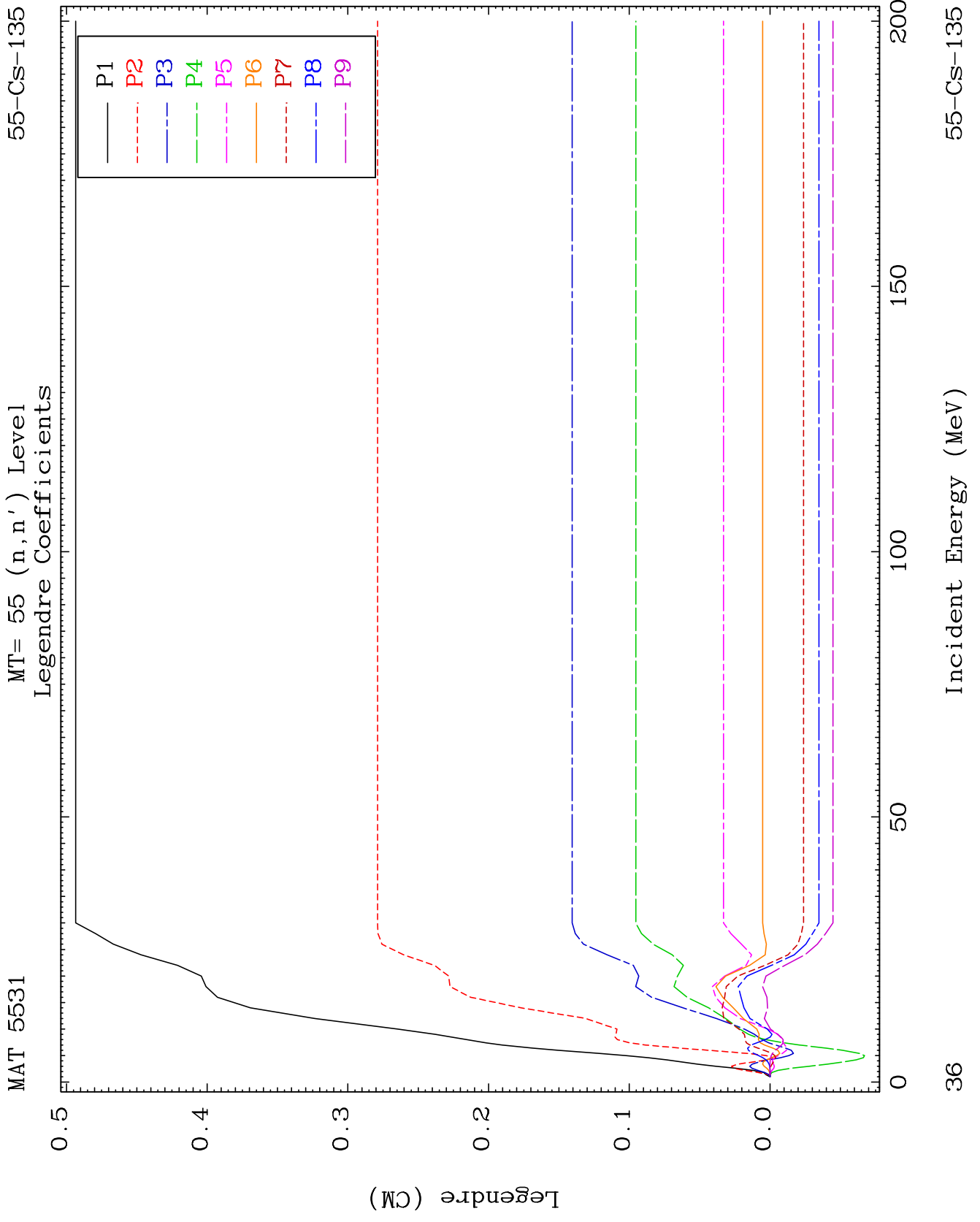
MT= 54 (n,n') Level
Legendre Coefficients

55-Cs-135



34

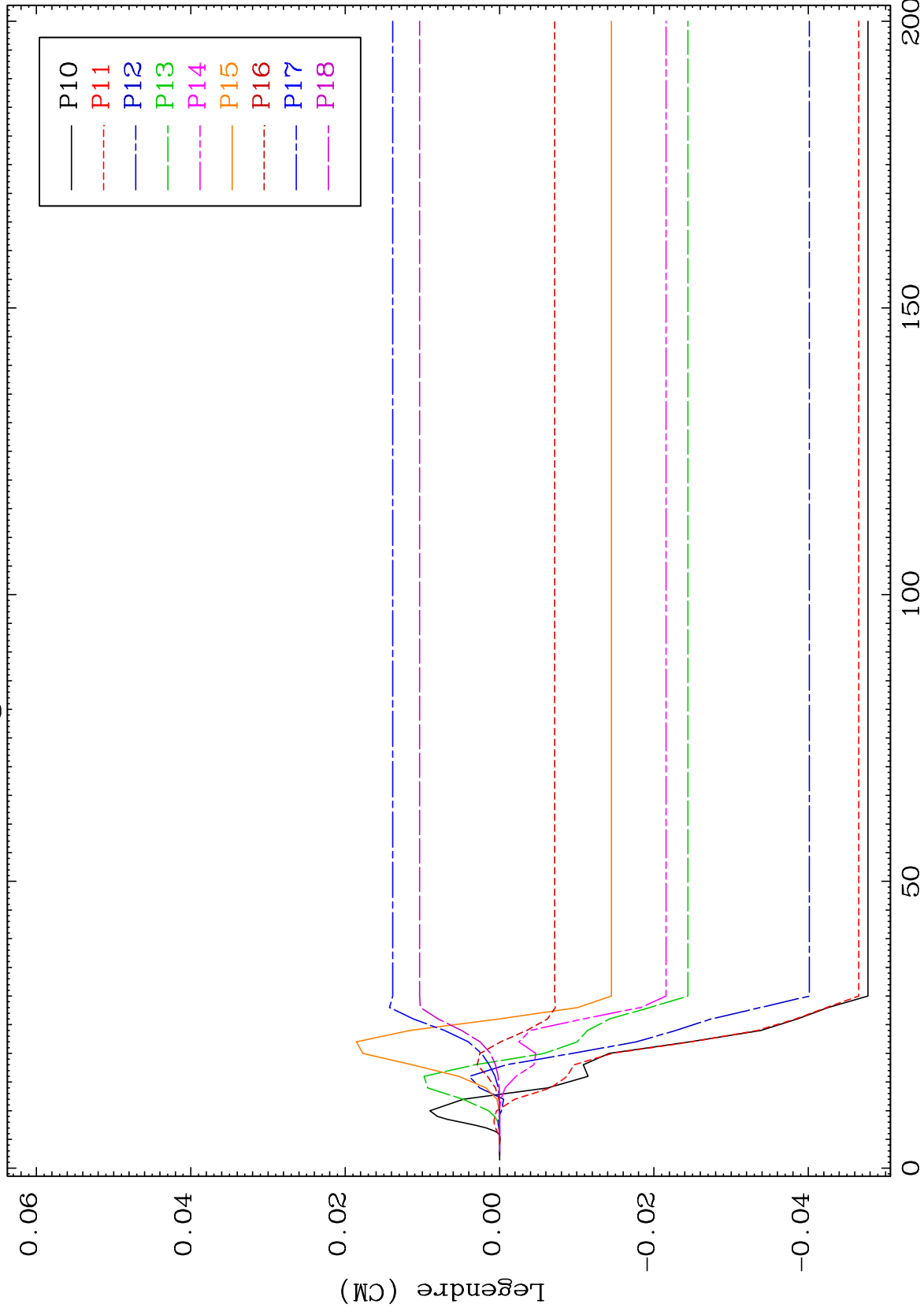
55-Cs-135



MAT 5531

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

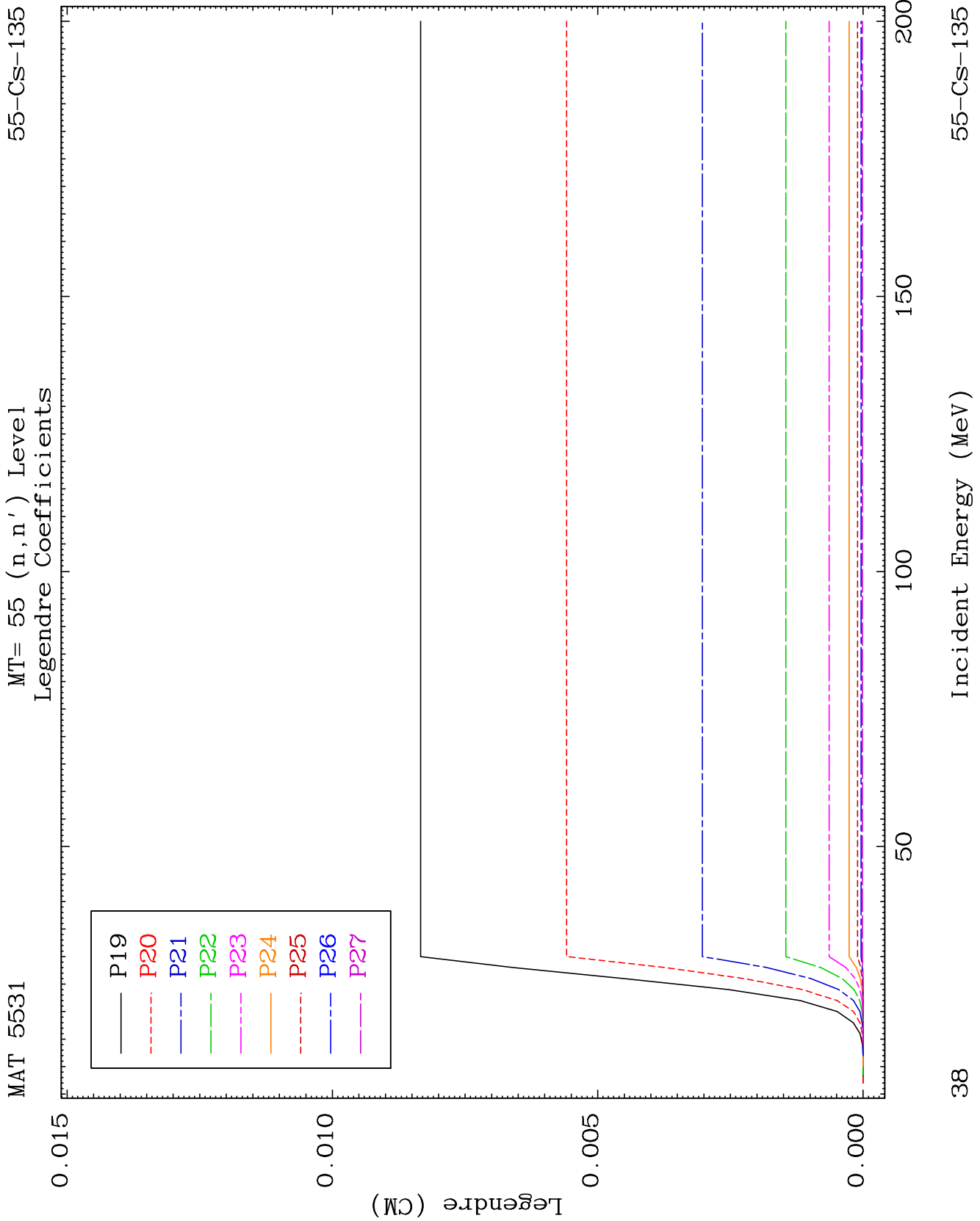
55-Cs-135



37

Incident Energy (MeV)

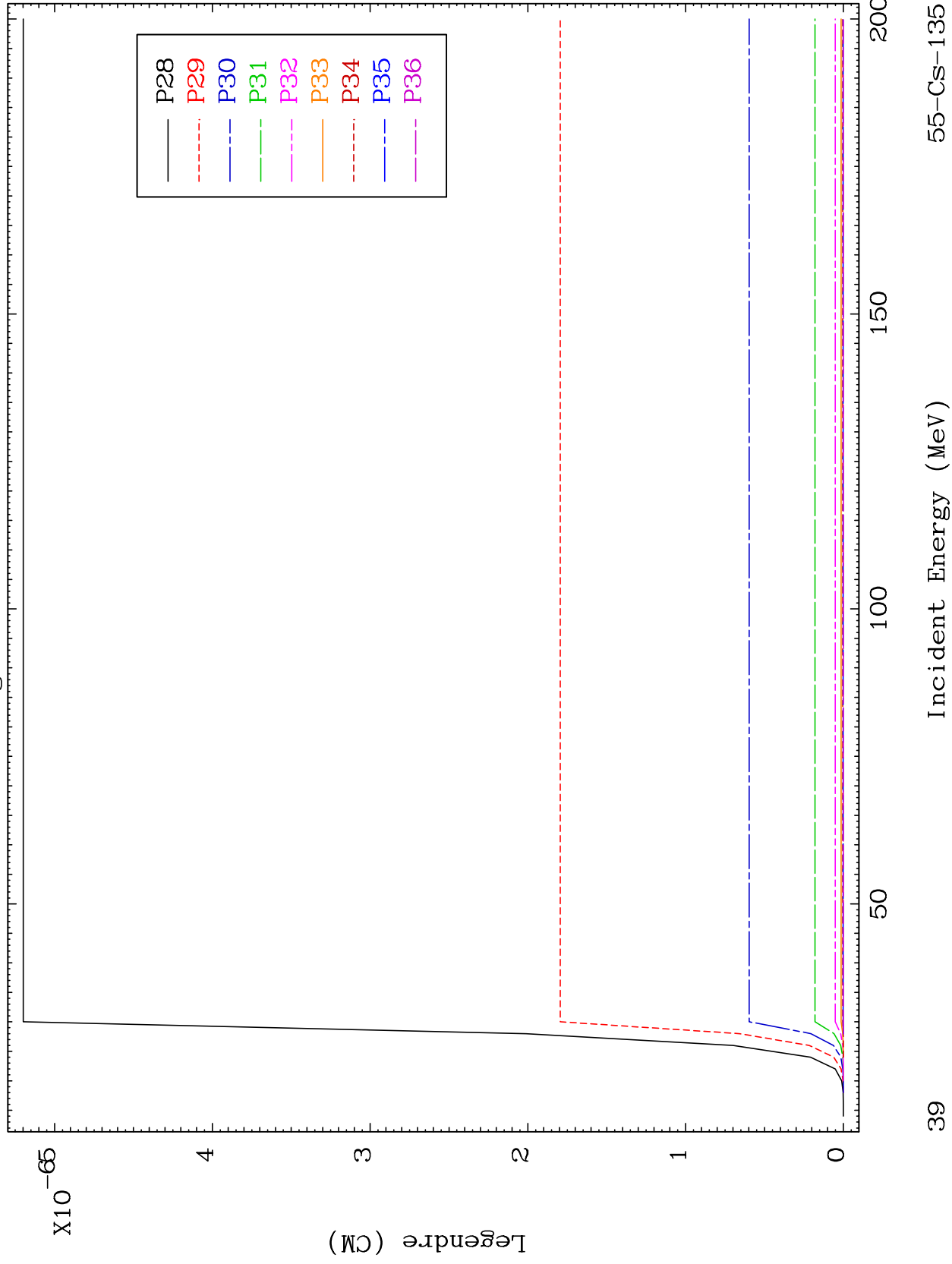
55-Cs-135



MAT 5531

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

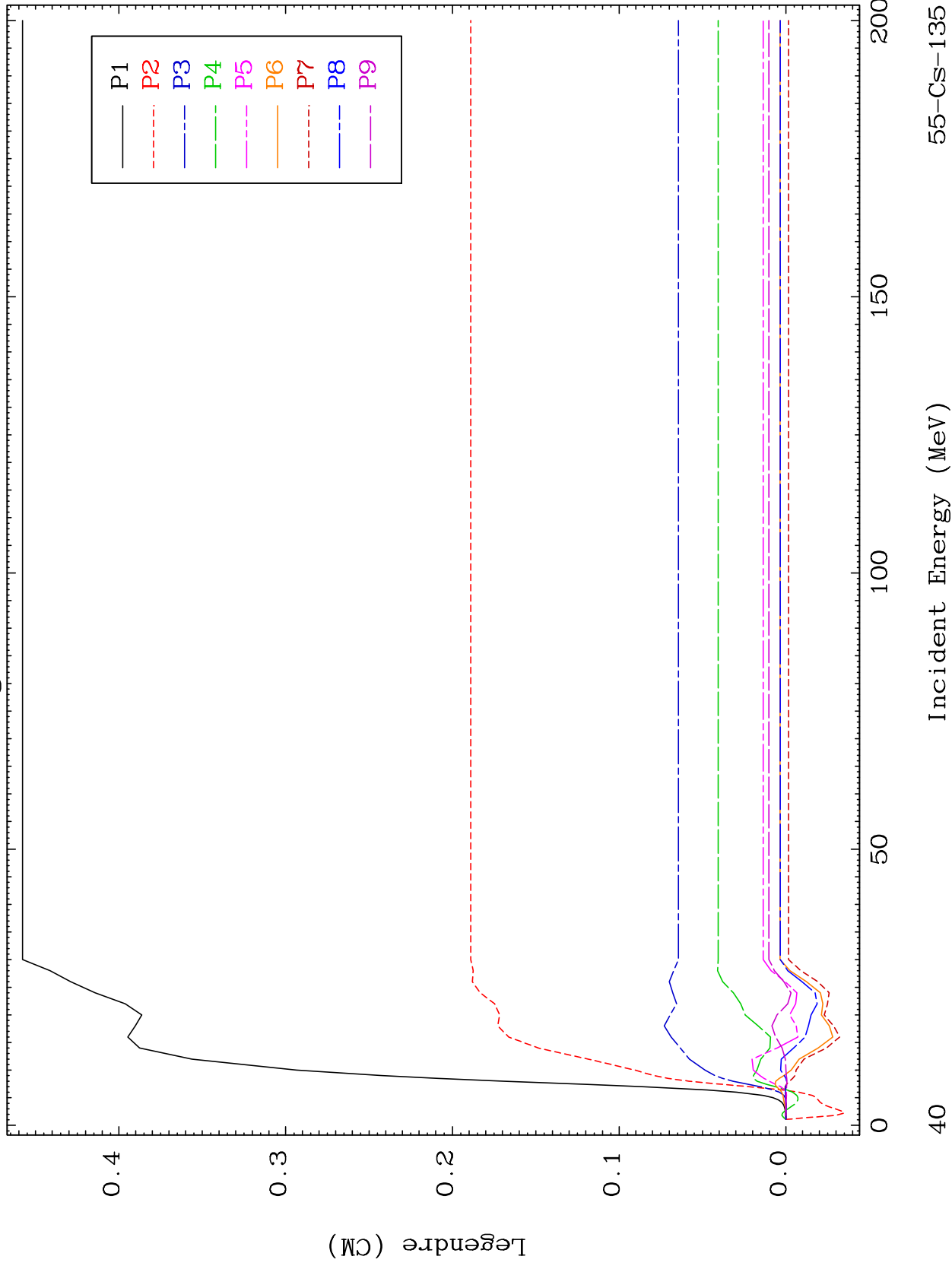
55-Cs-135



MAT 5531

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

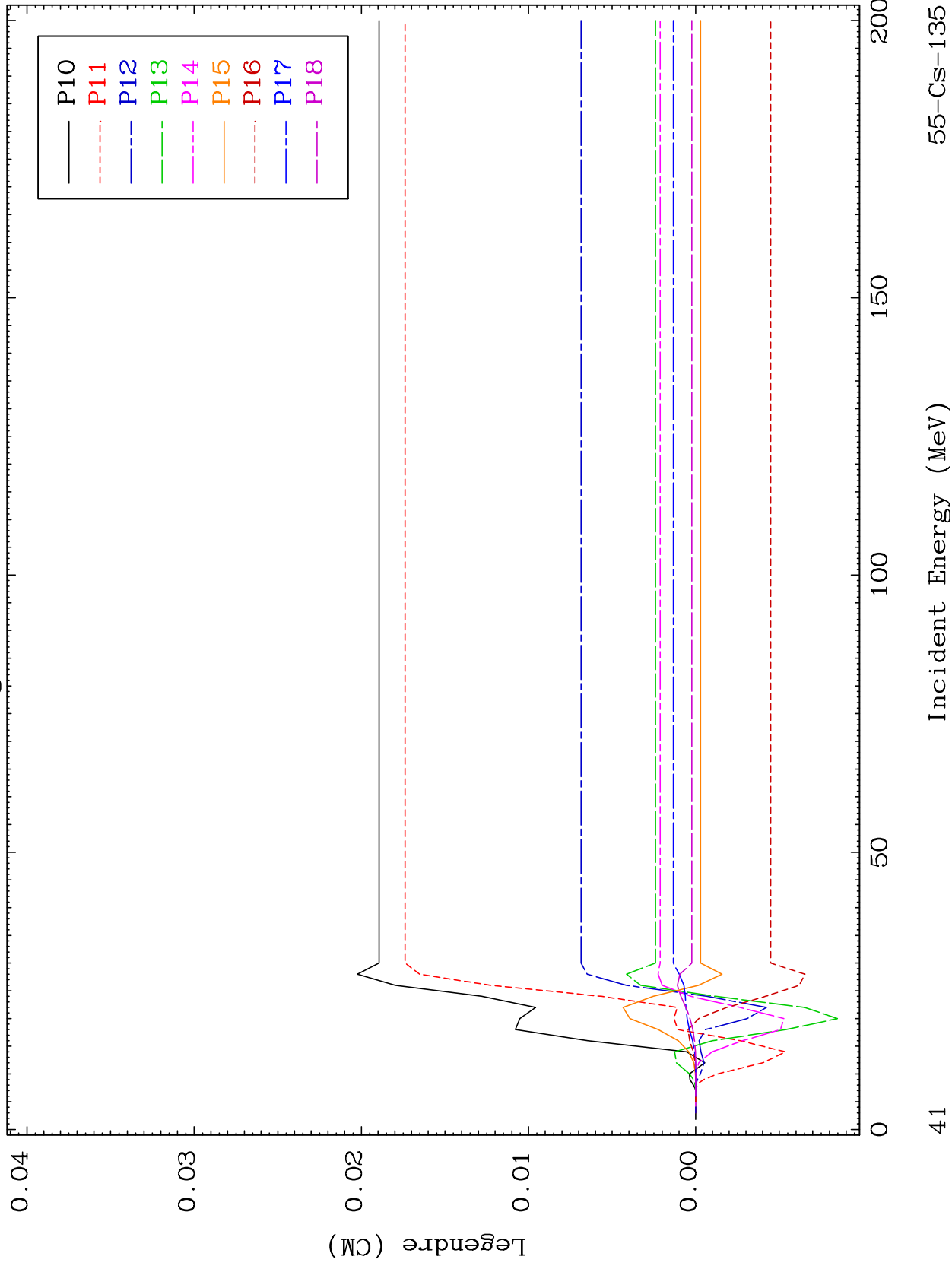
55-Cs-135



MAT 5531

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

55-Cs-135



41

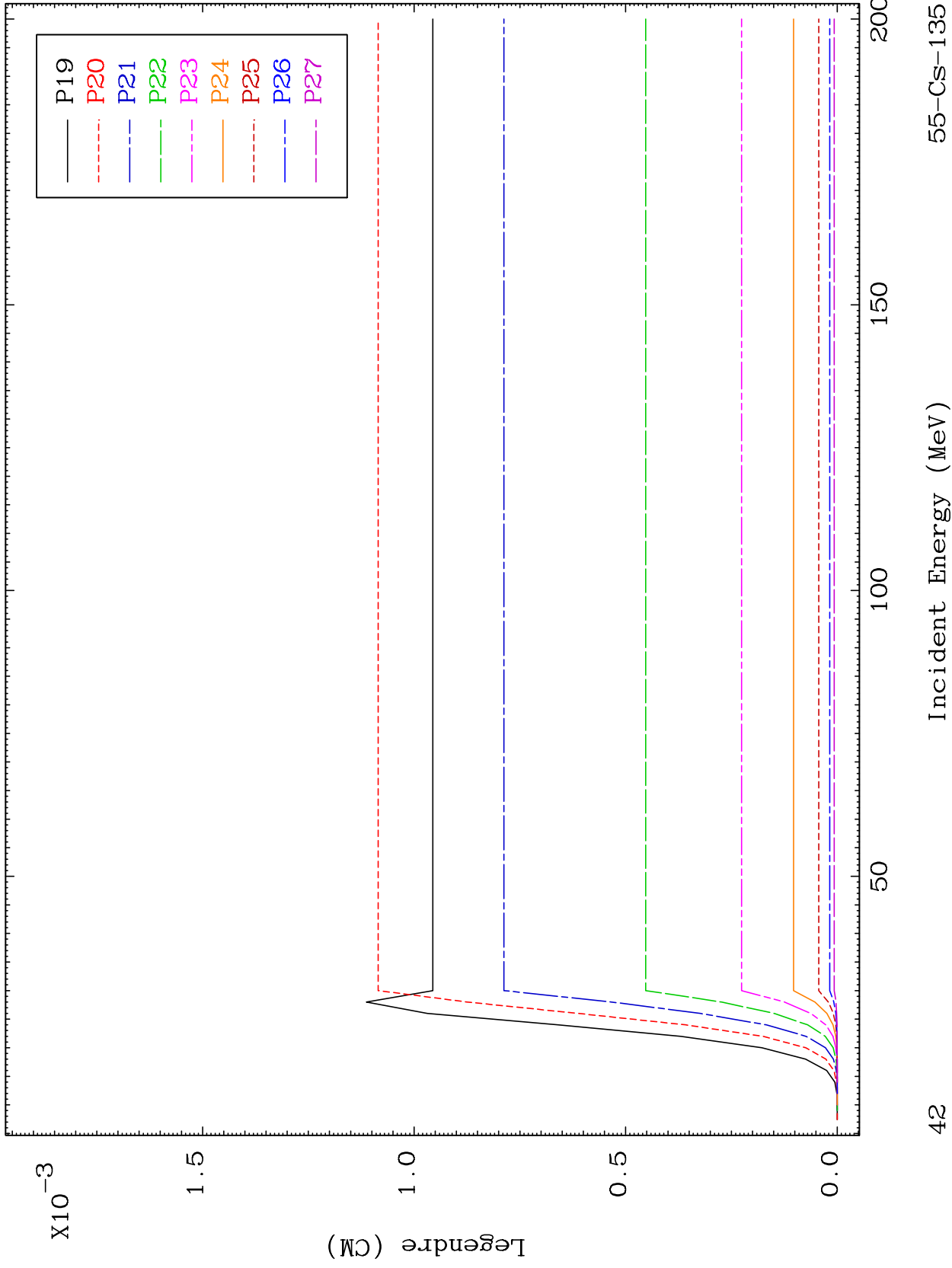
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

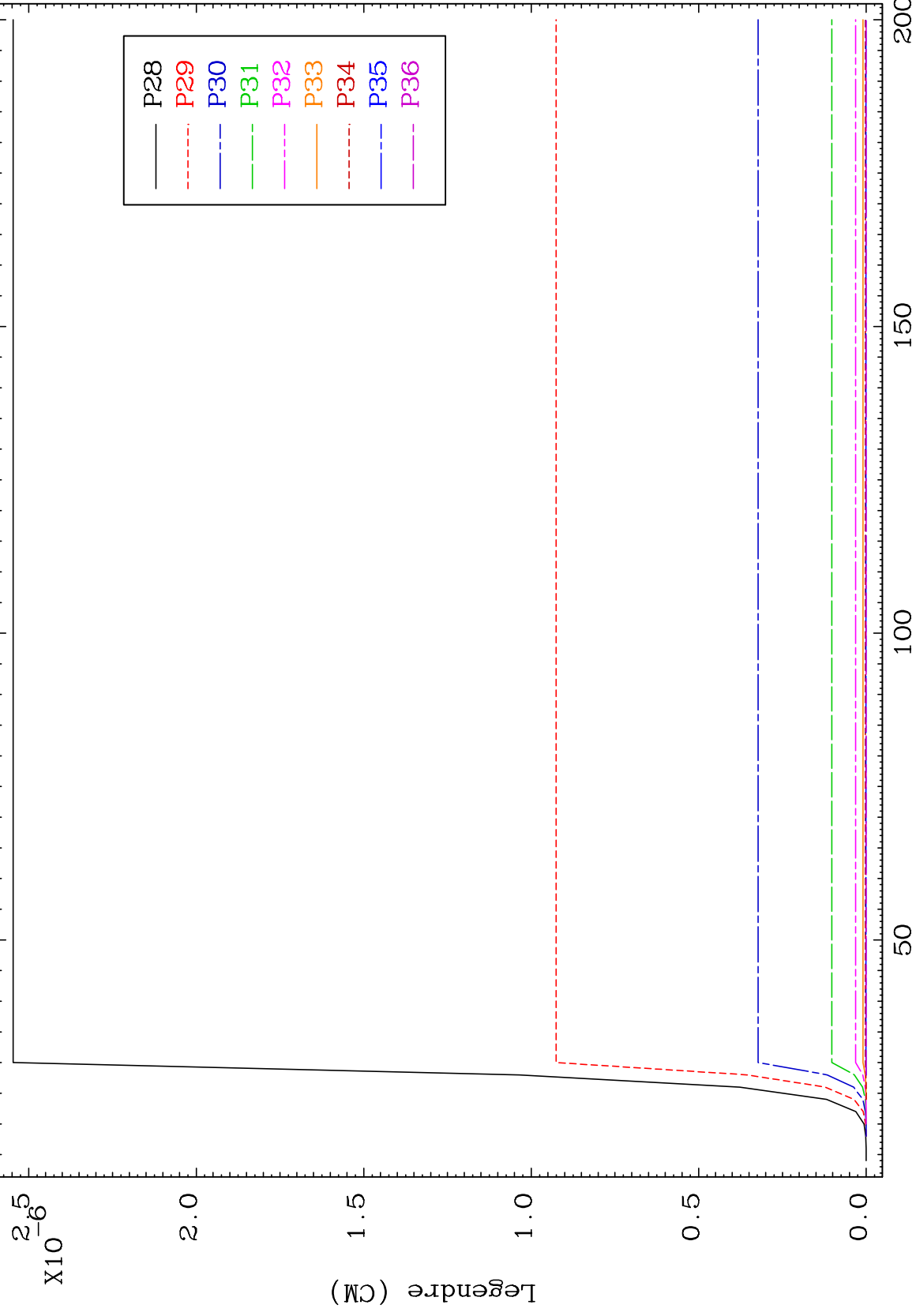
55-Cs-135



MAT 5531

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

55-Cs-135



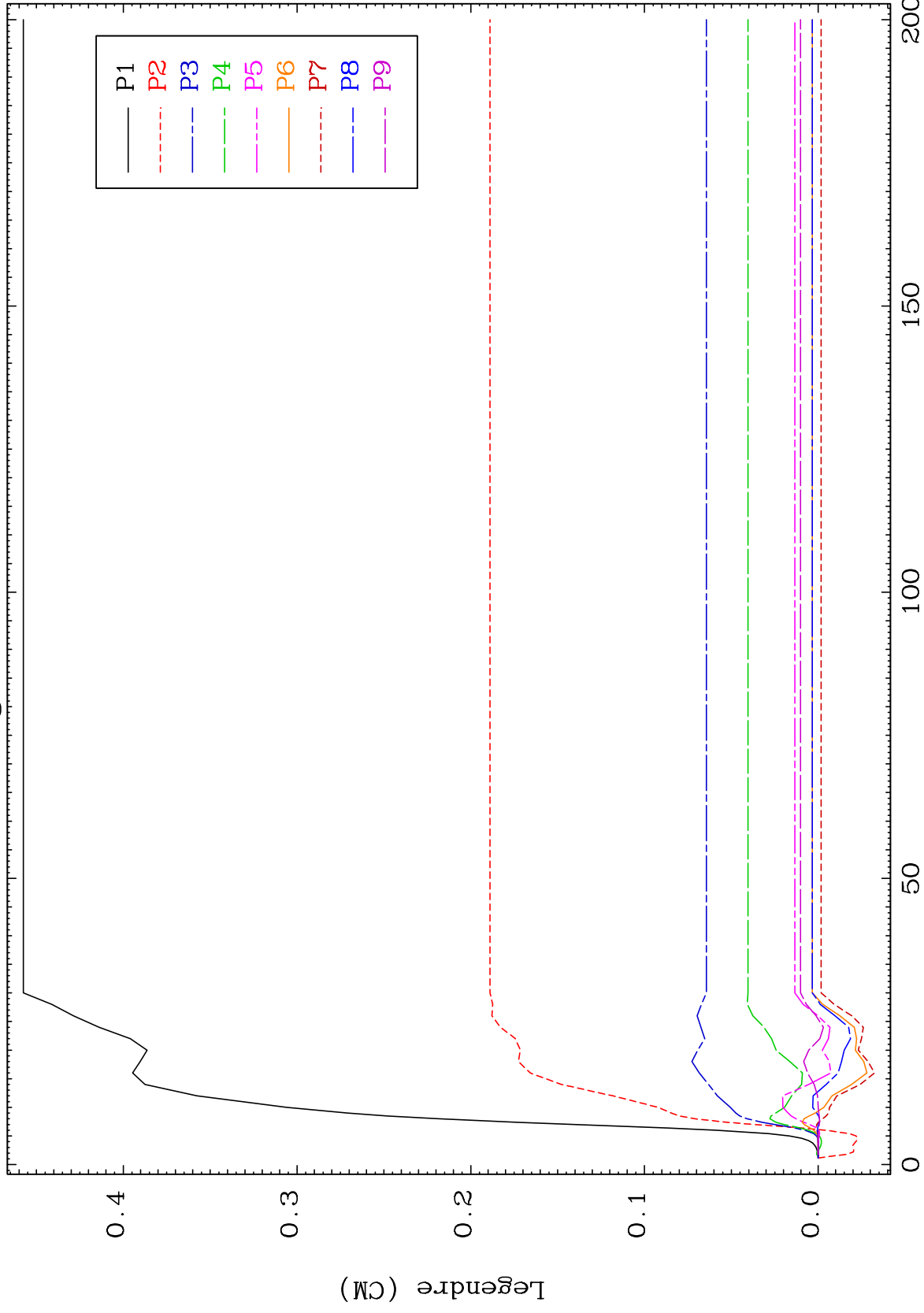
43

55-Cs-135

MAT 5531

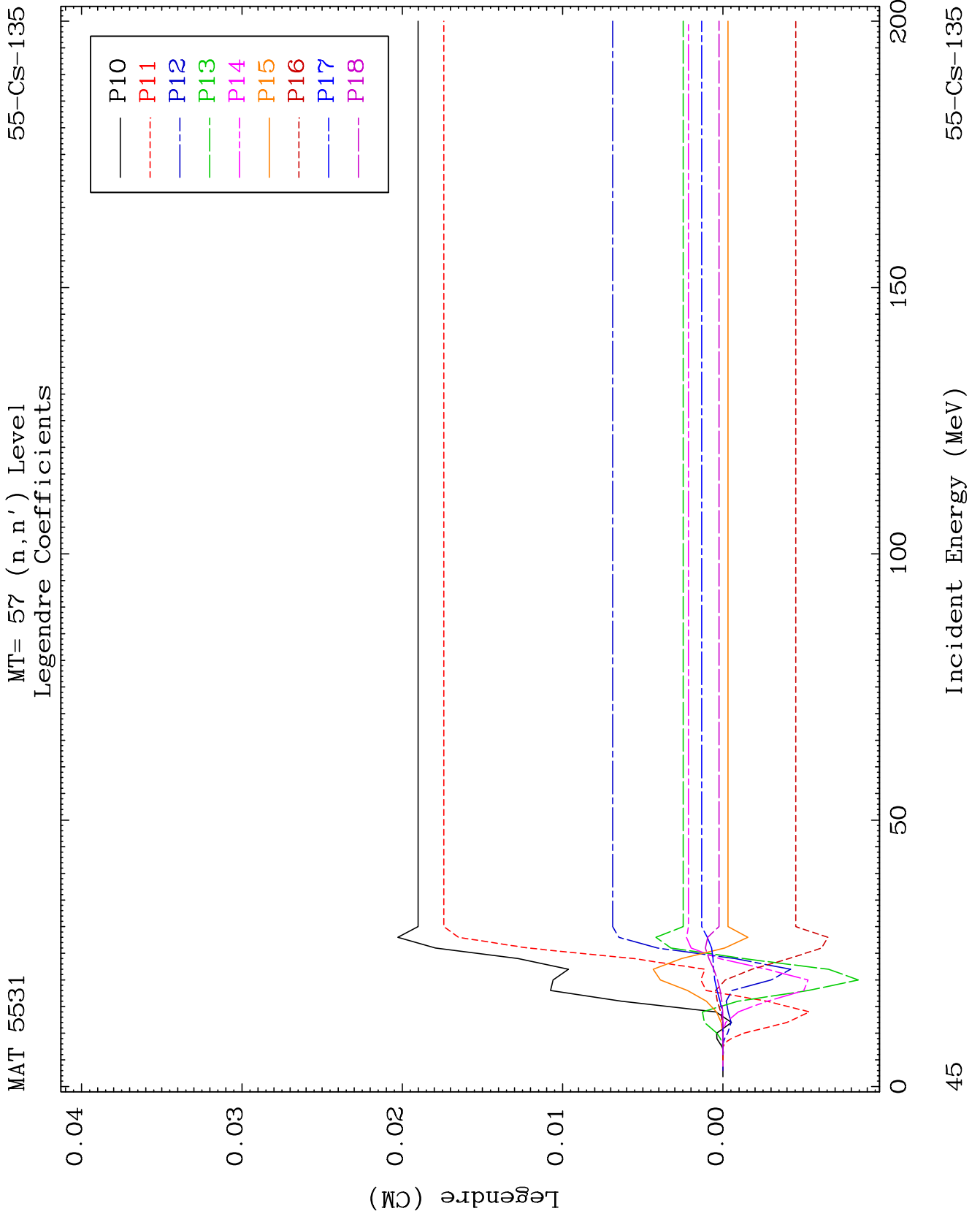
MT= 57 (n,n') Level
Legendre Coefficients

55-Cs-135



44

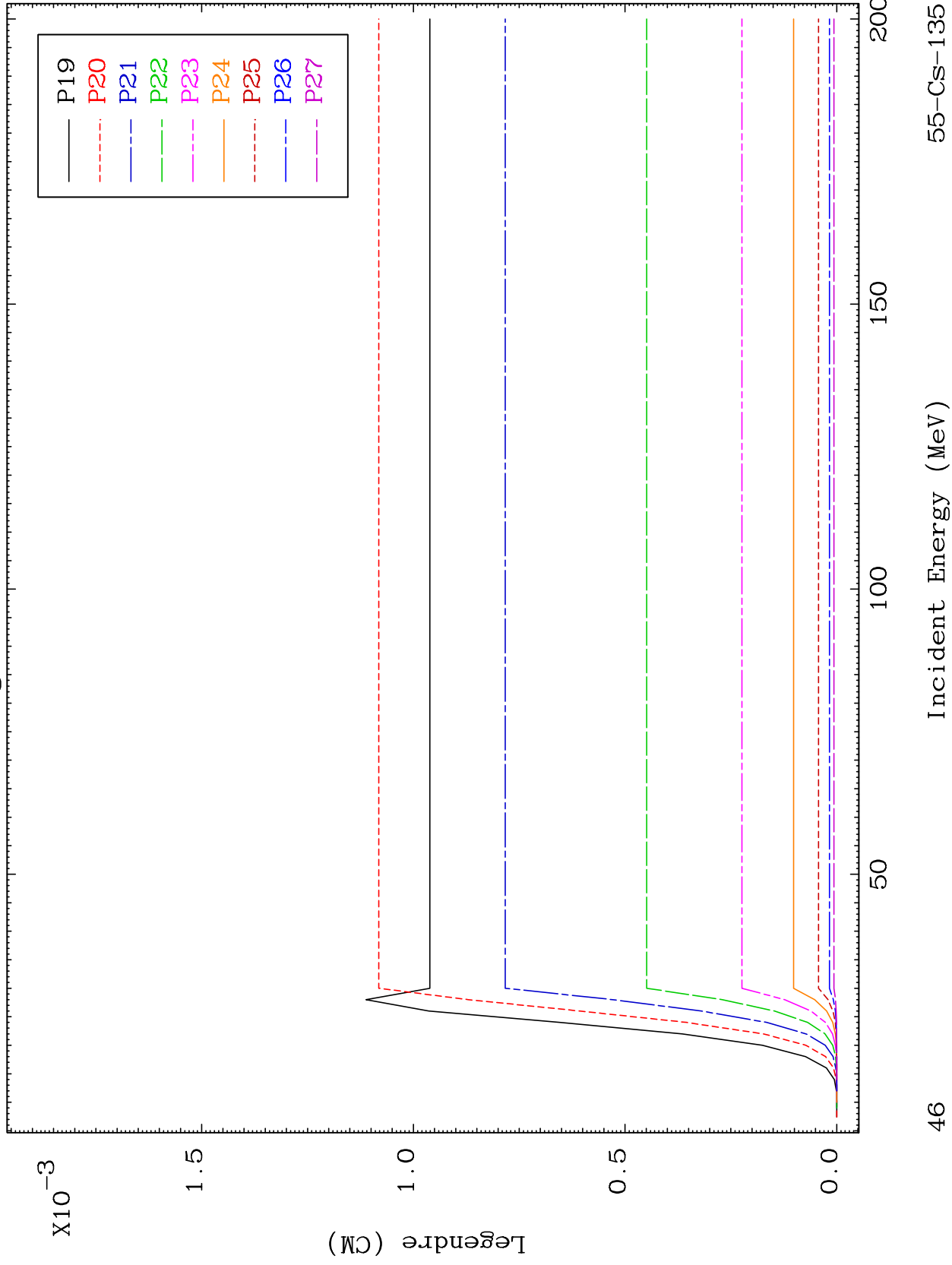
55-Cs-135



MAT 5531

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

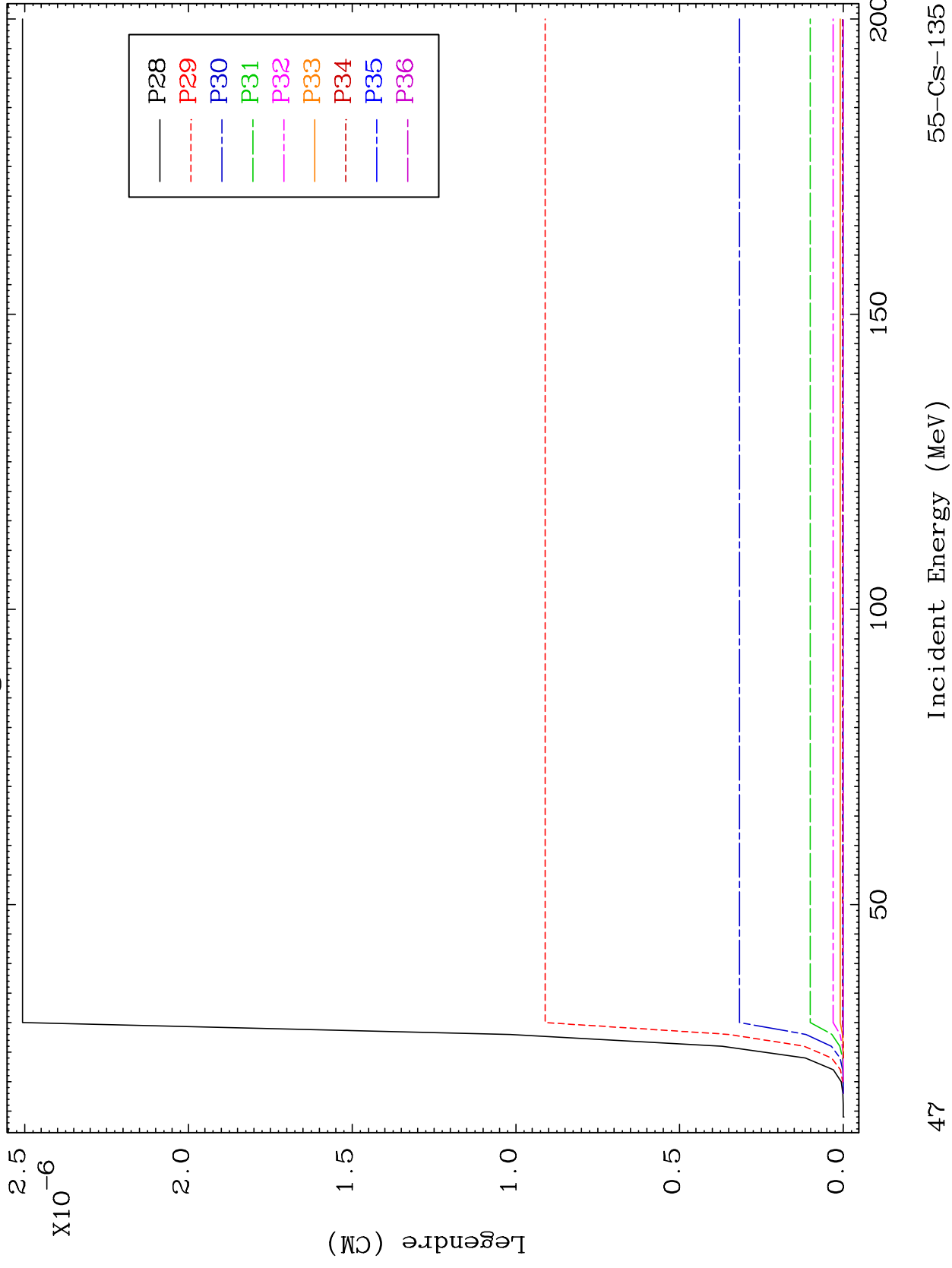
55-Cs-135

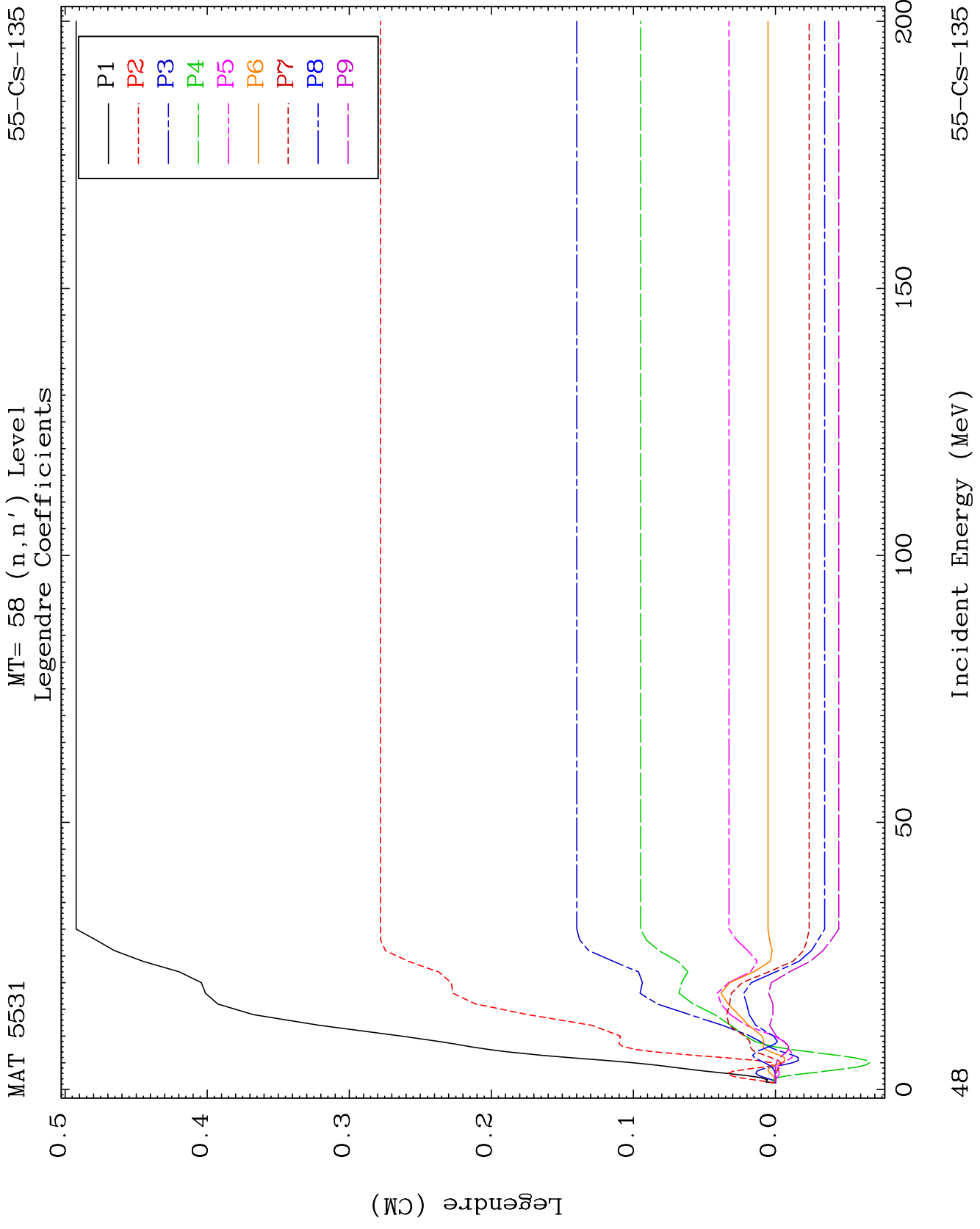


MAT 5531

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

55-Cs-135

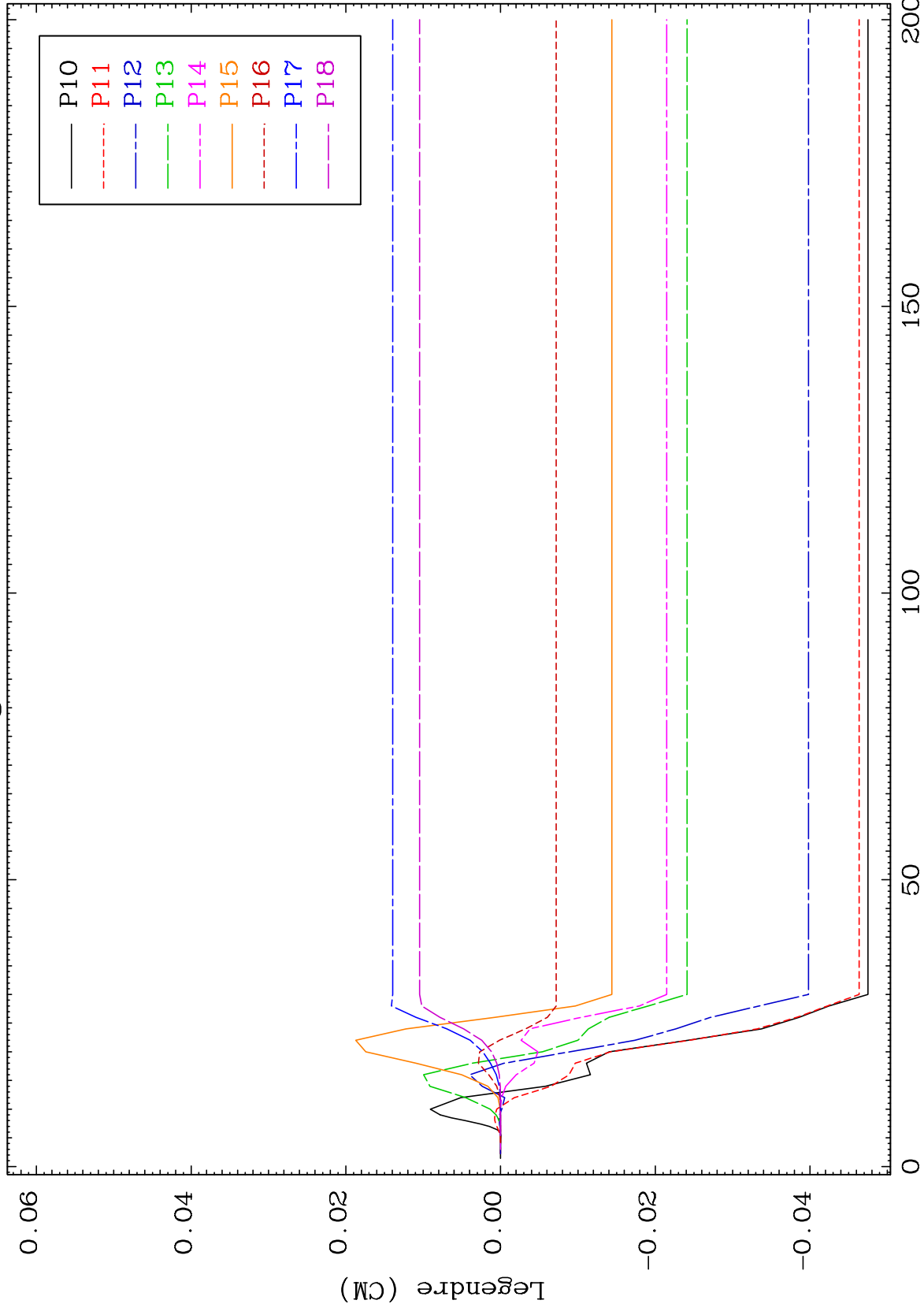




MAT 5531

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

55-Cs-135



49

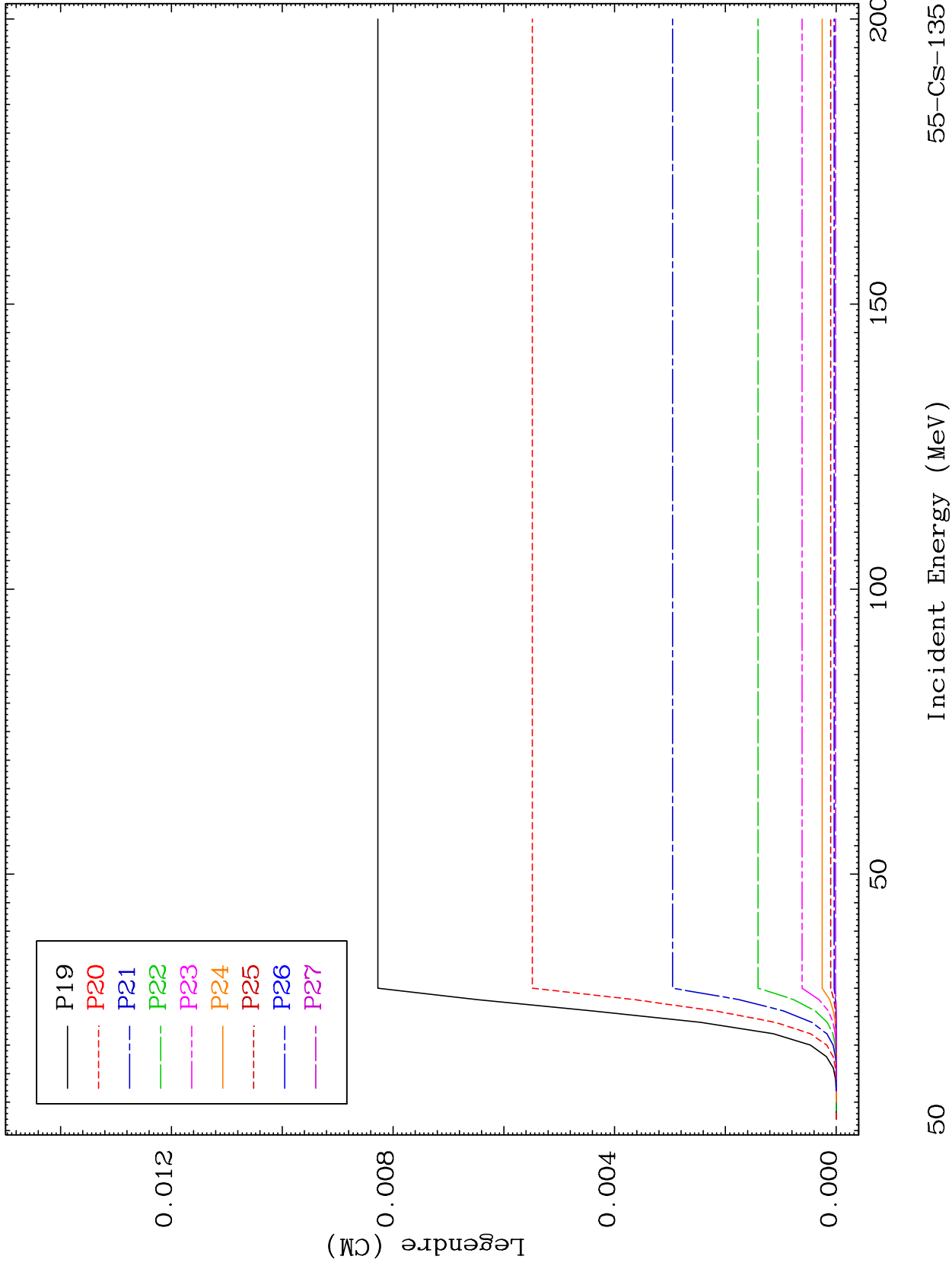
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

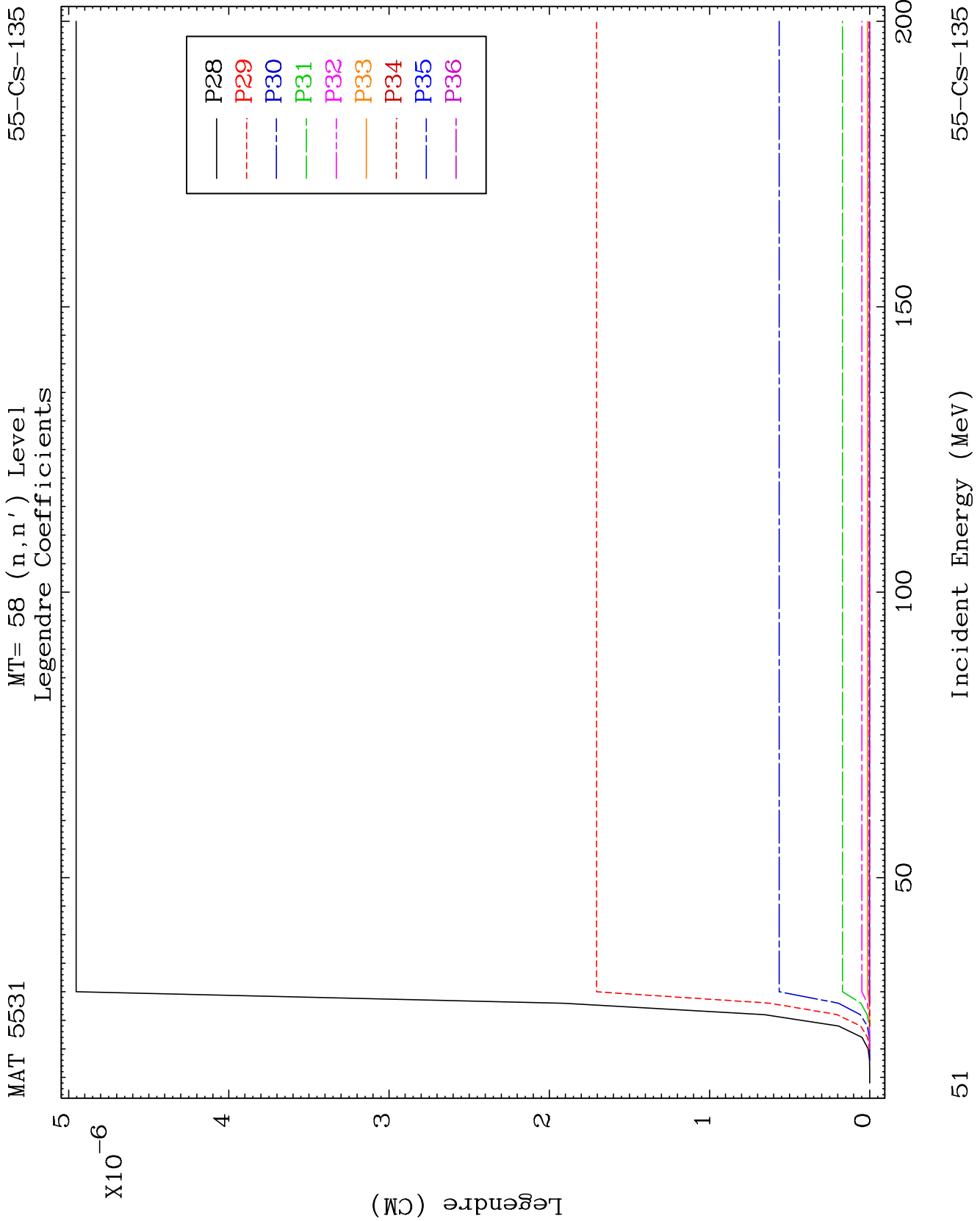
55-Cs-135

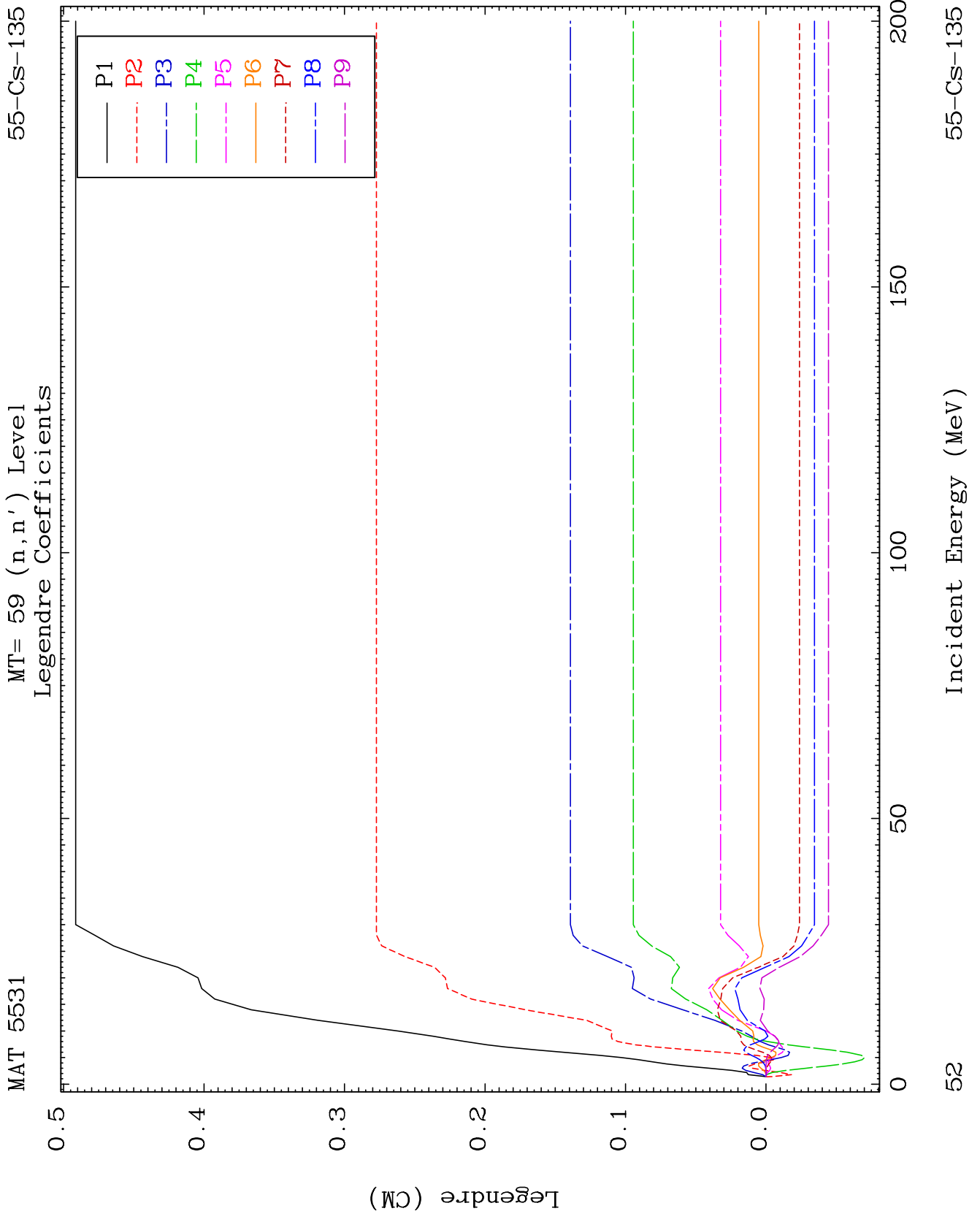


55-Cs-135

Incident Energy (MeV)

50

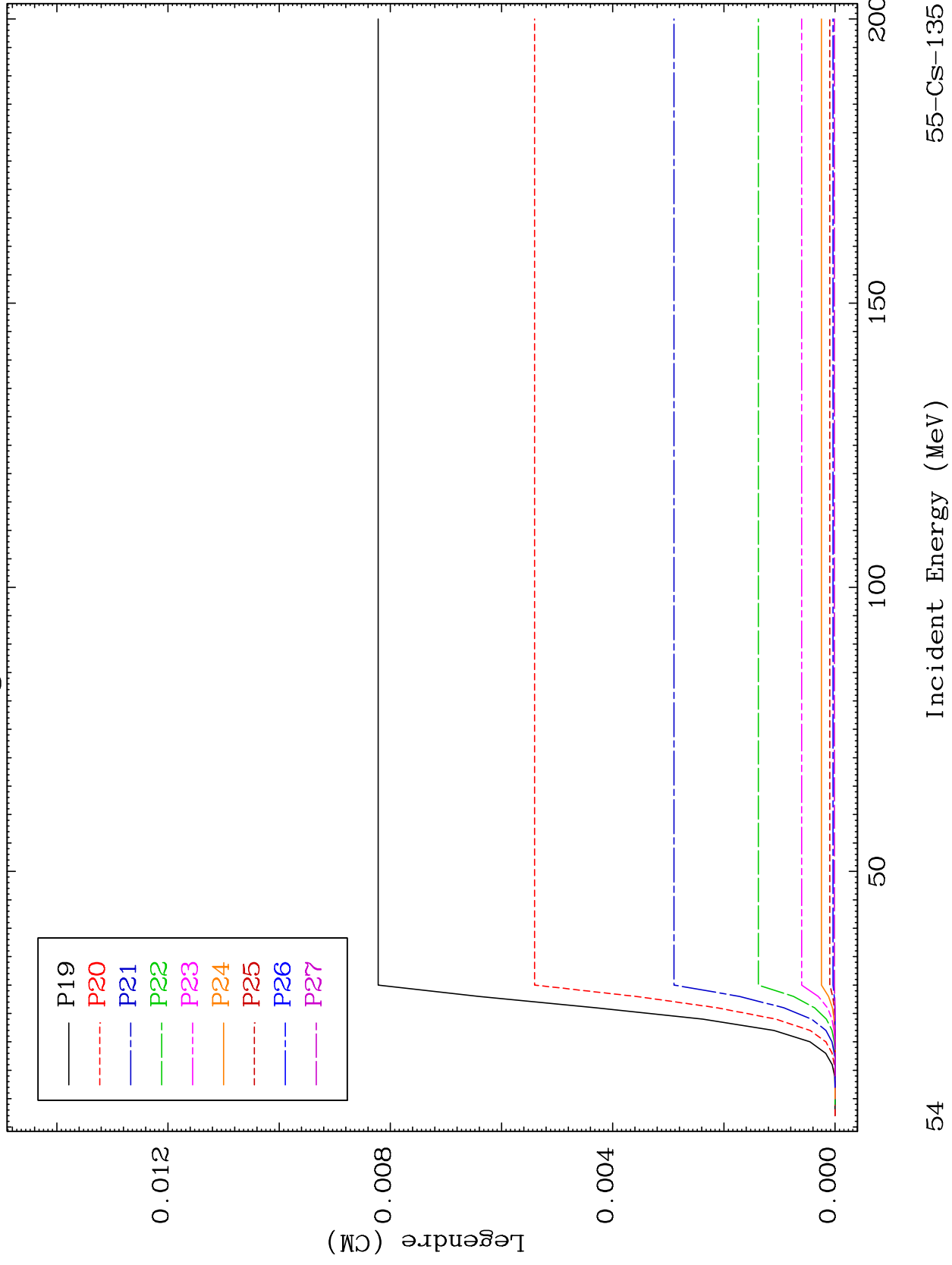




MAT 5531

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

55-Cs-135



54

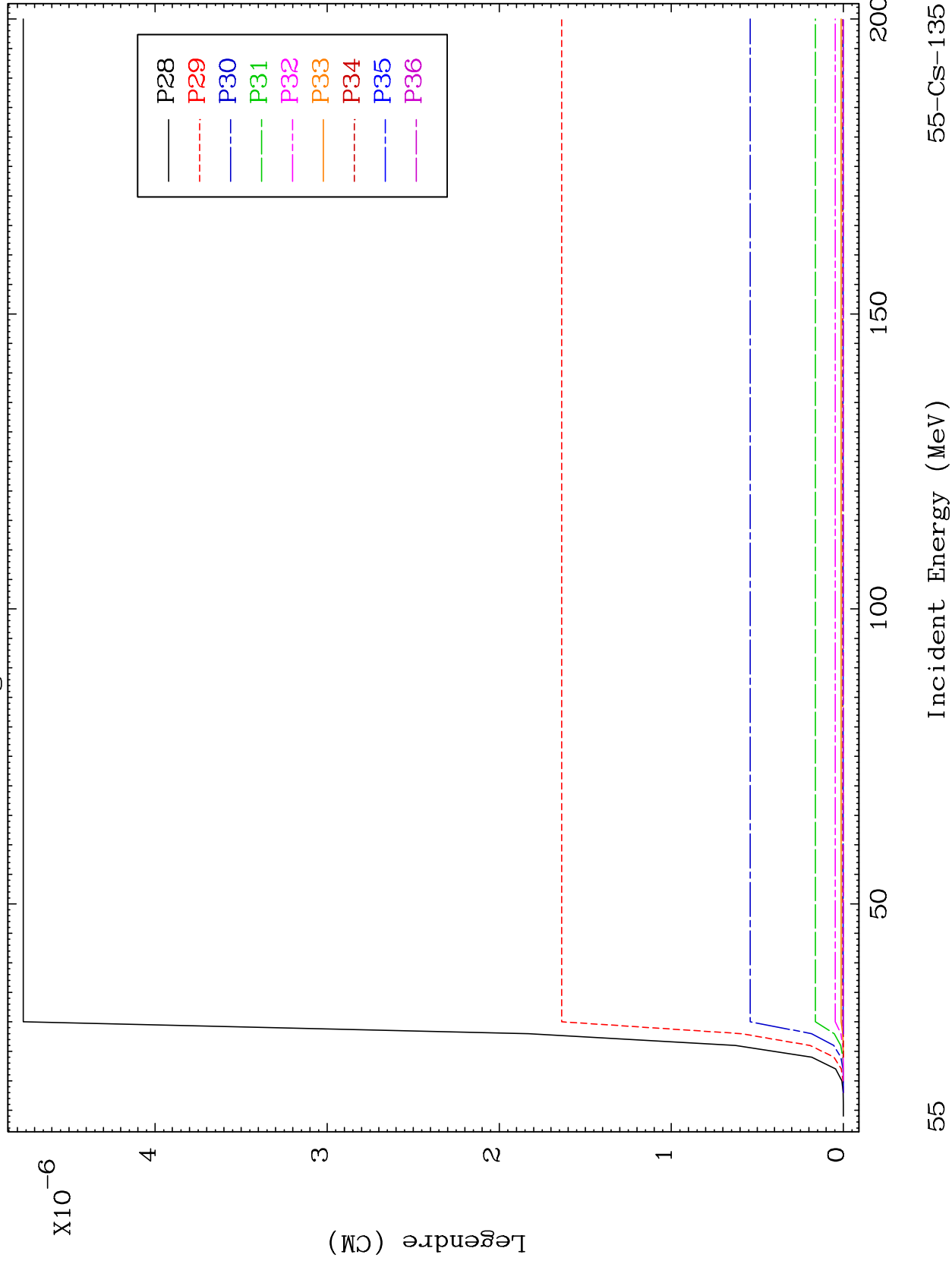
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

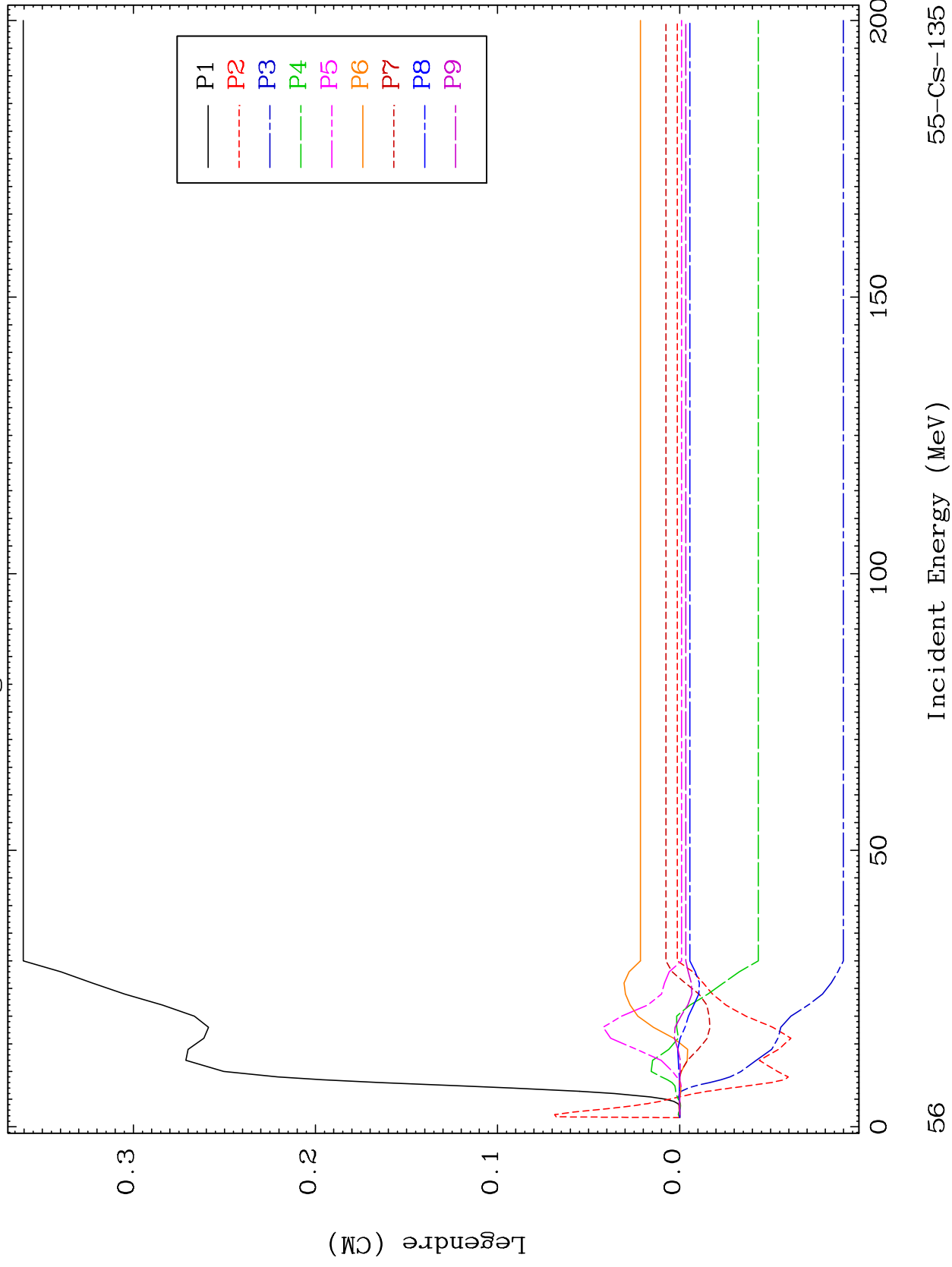
55-Cs-135



MAT 5531

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

55-Cs-135

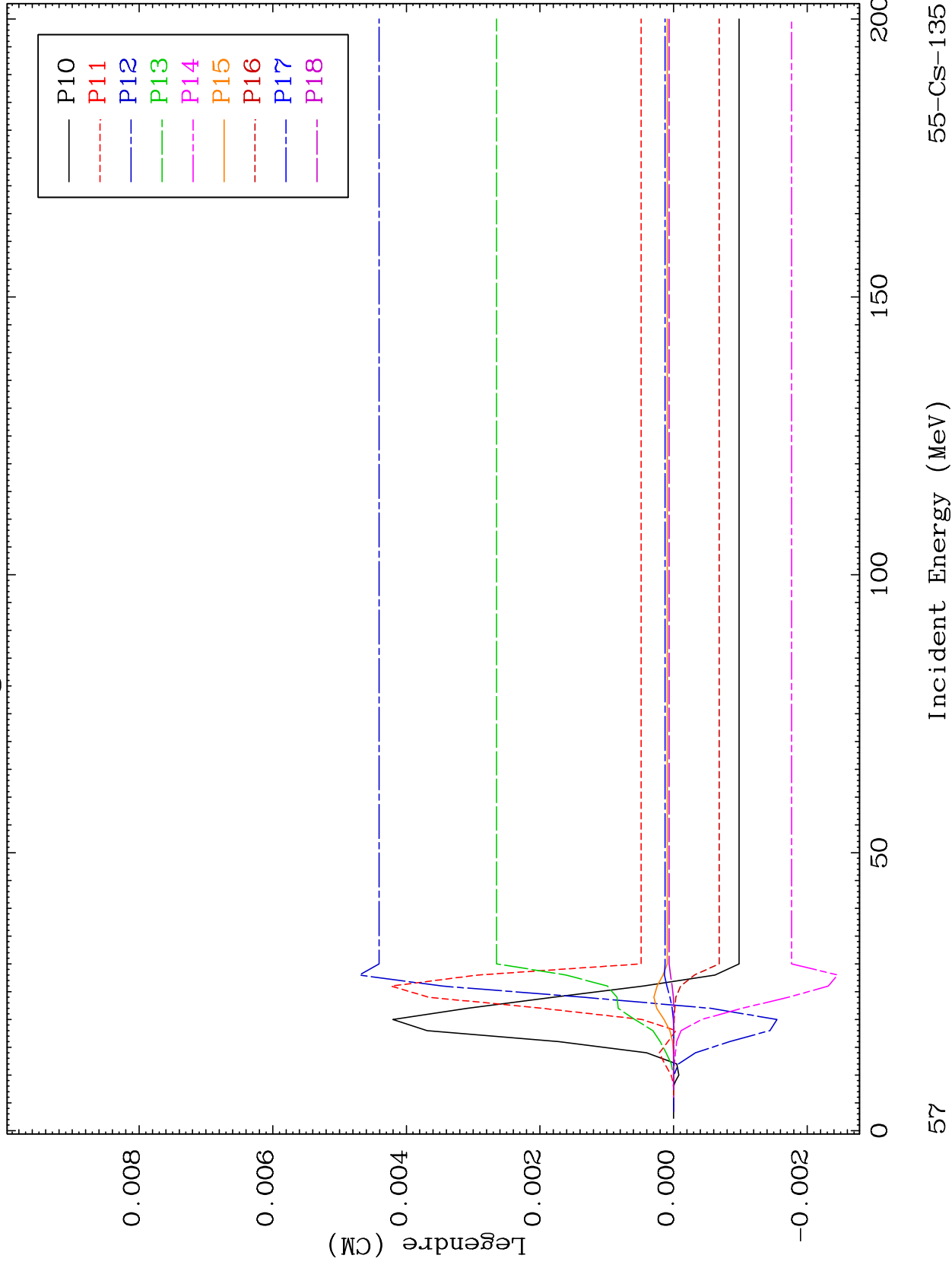


56

MAT 5531

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

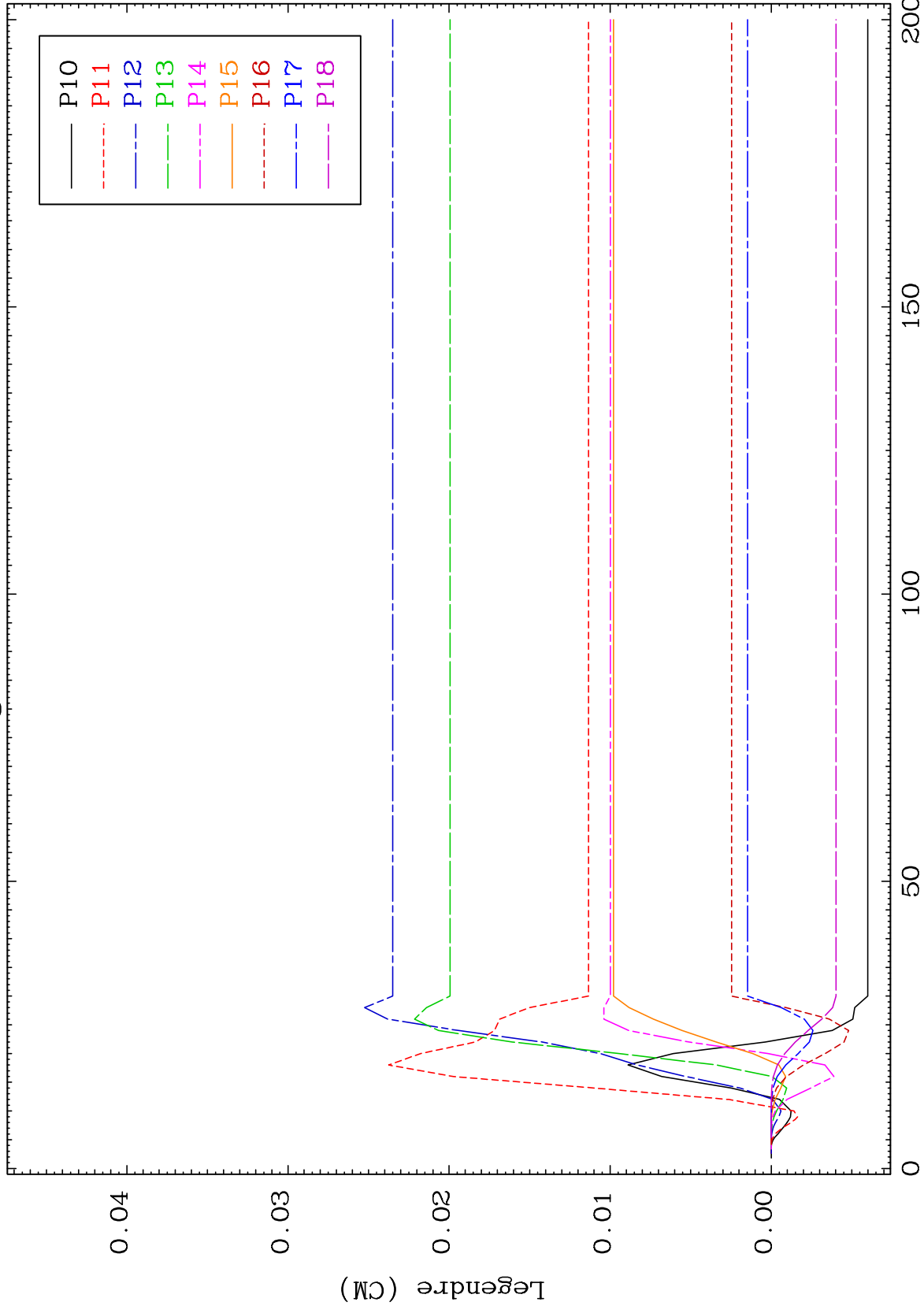
55-Cs-135



MAT 5531

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

55-Cs-135



61

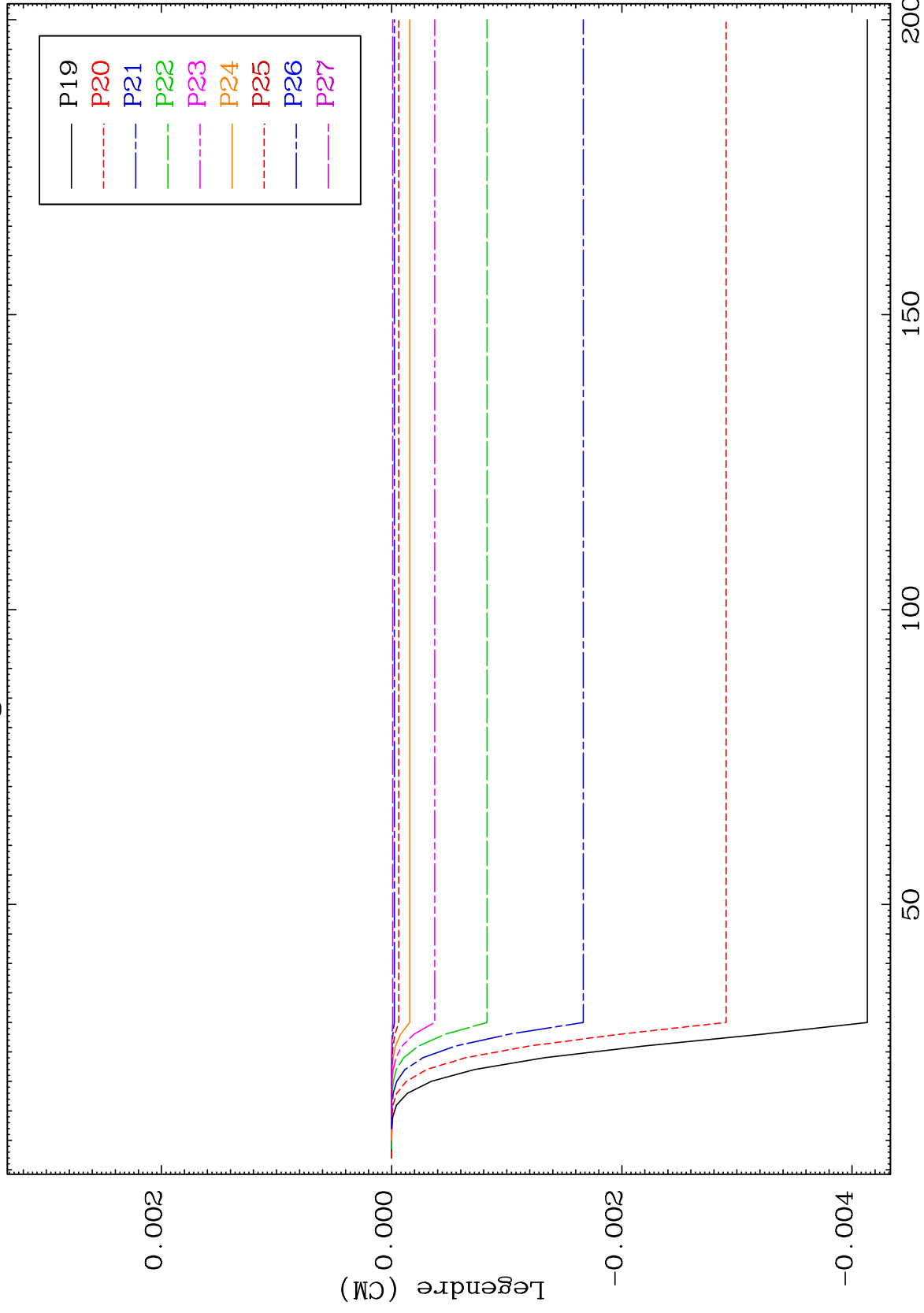
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

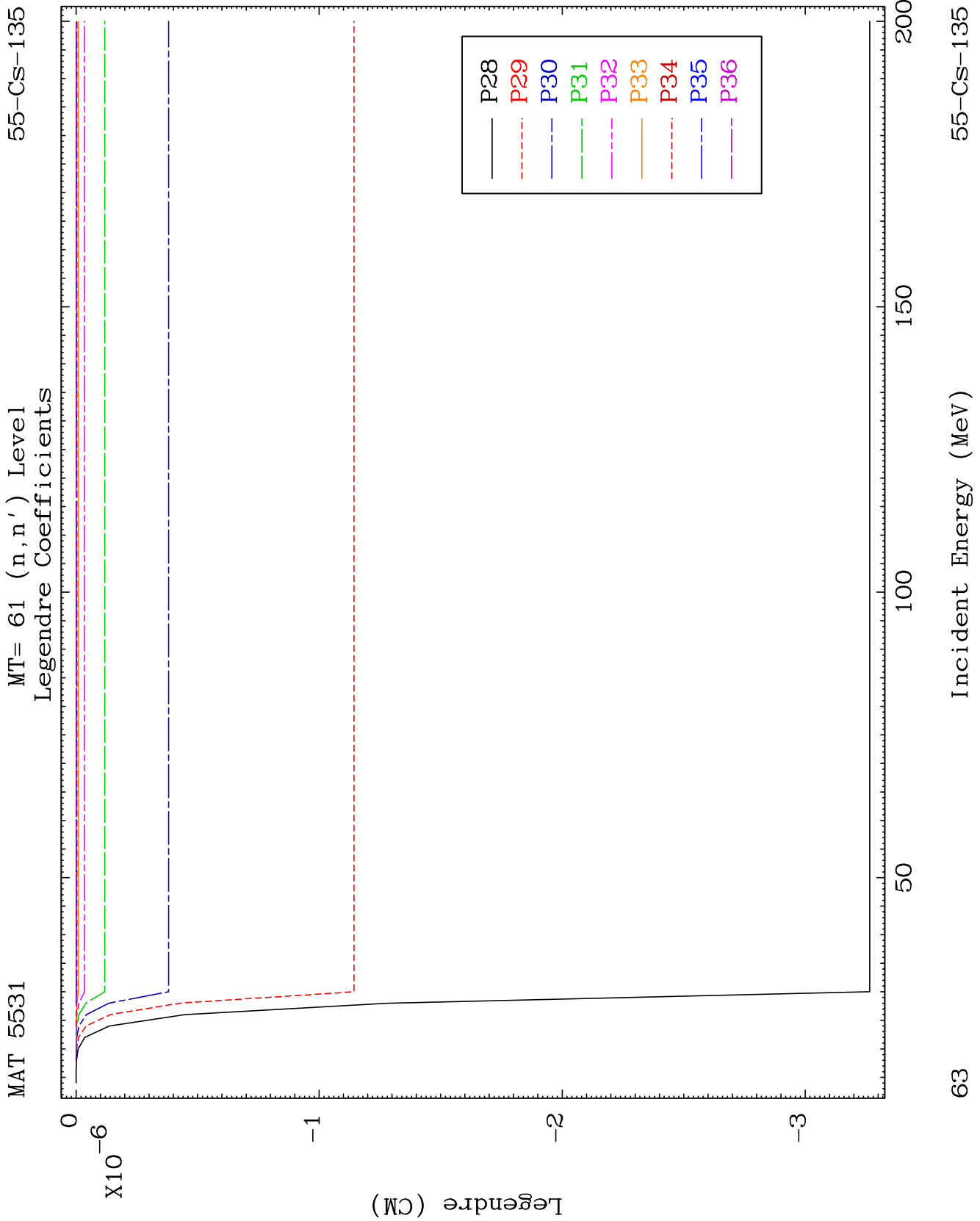
55-Cs-135



62

Incident Energy (MeV)

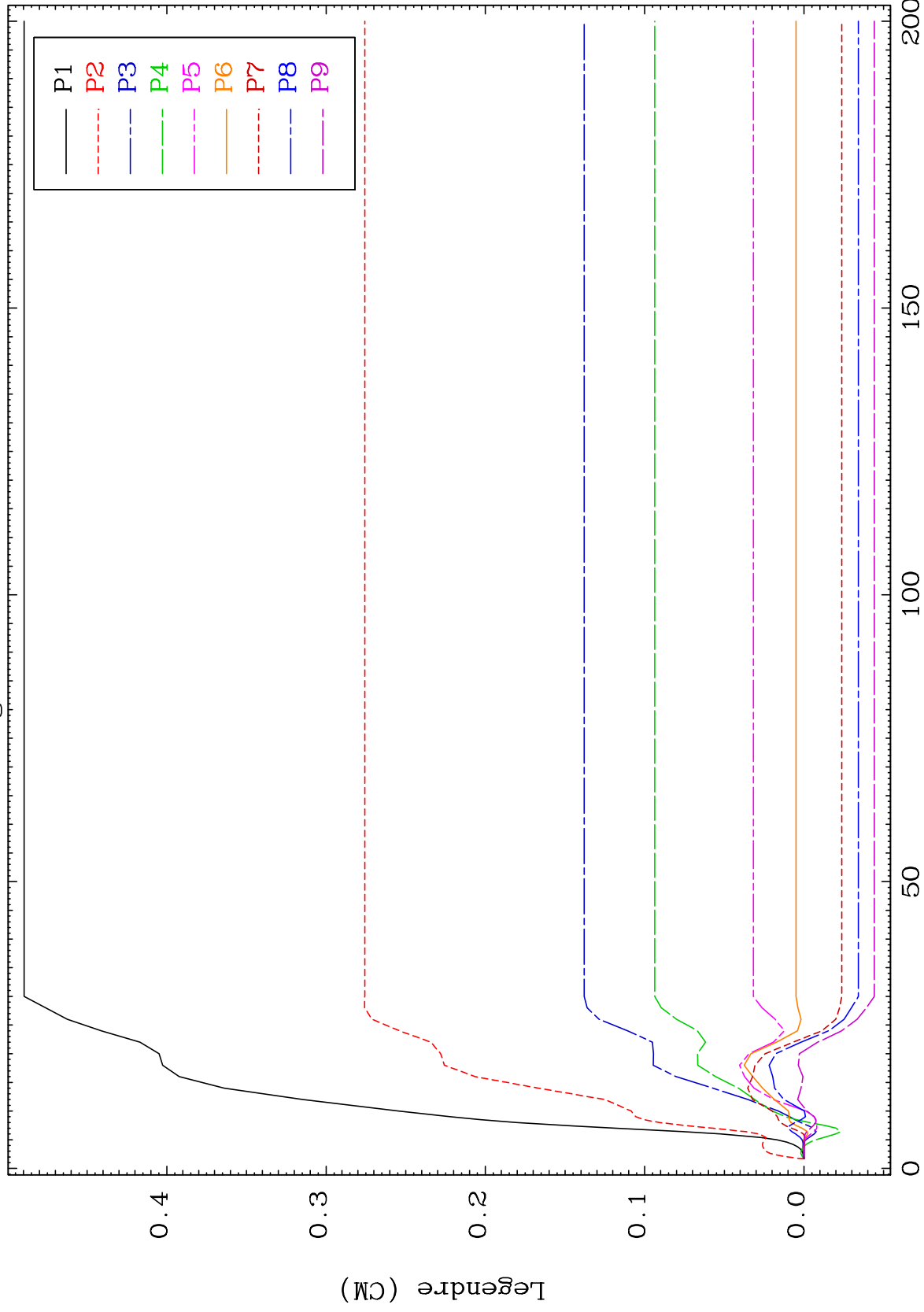
55-Cs-135



MAT 5531

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

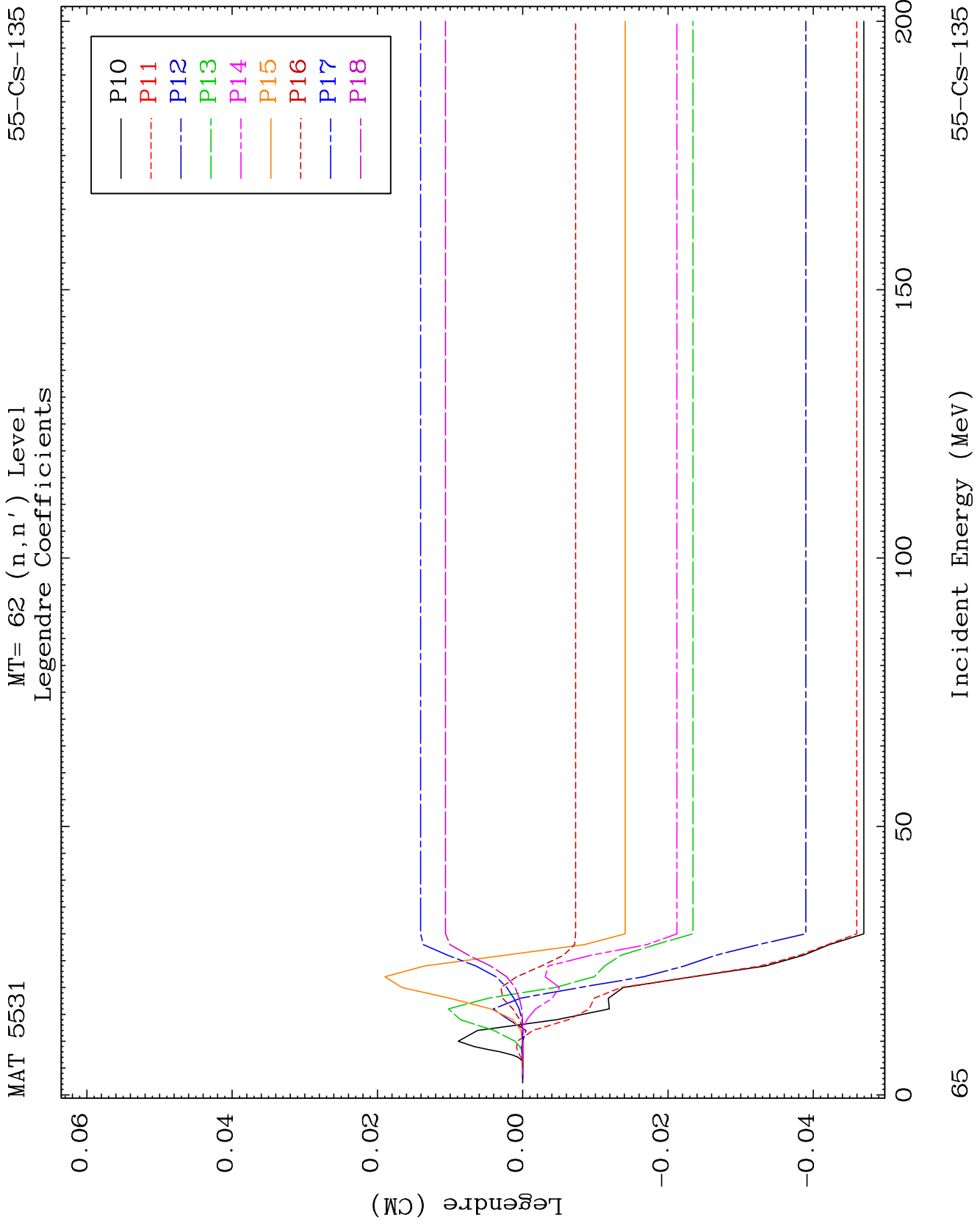
55-Cs-135



64

Incident Energy (MeV)

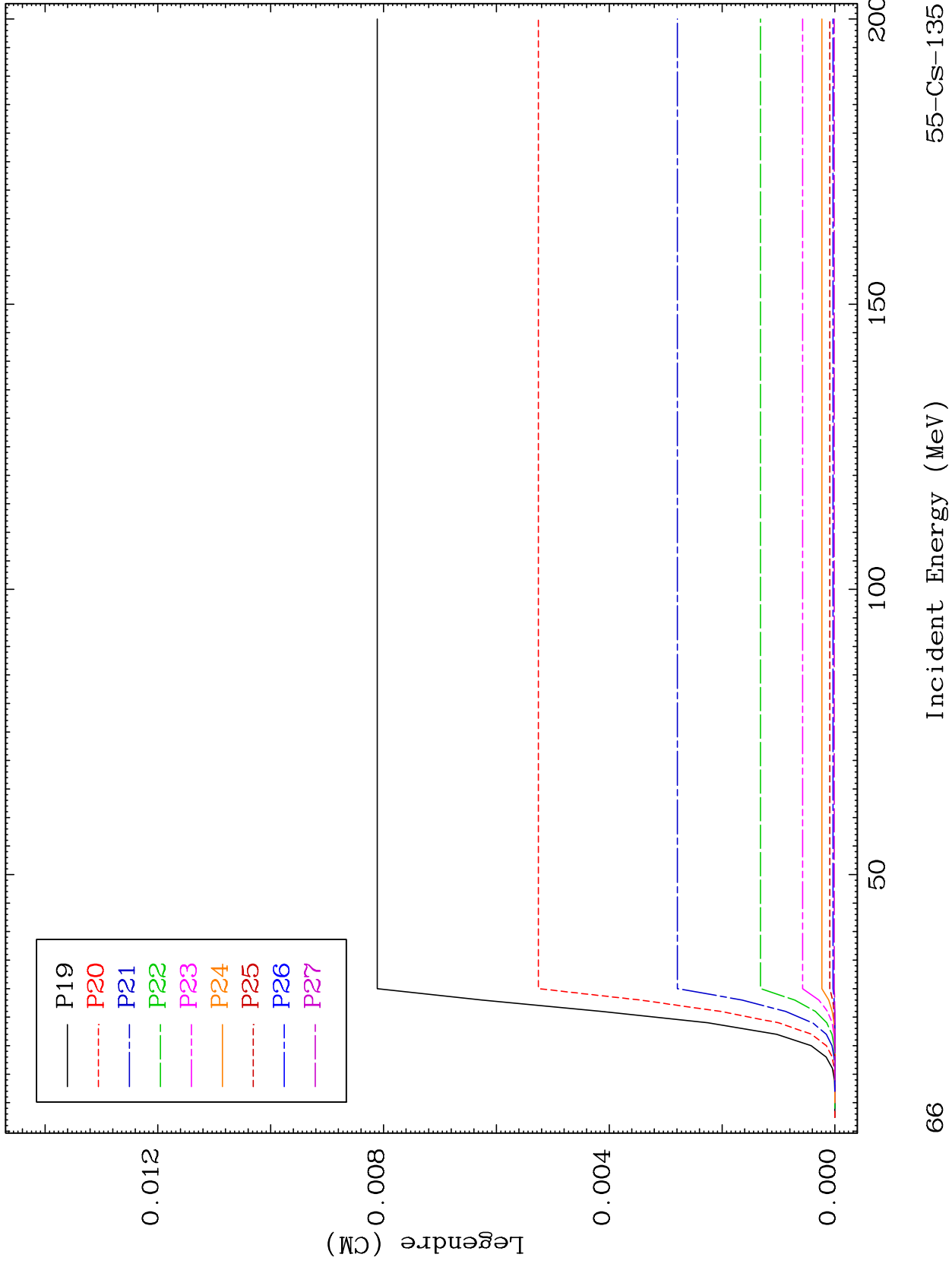
55-Cs-135



MAT 5531

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

55-Cs-135



66

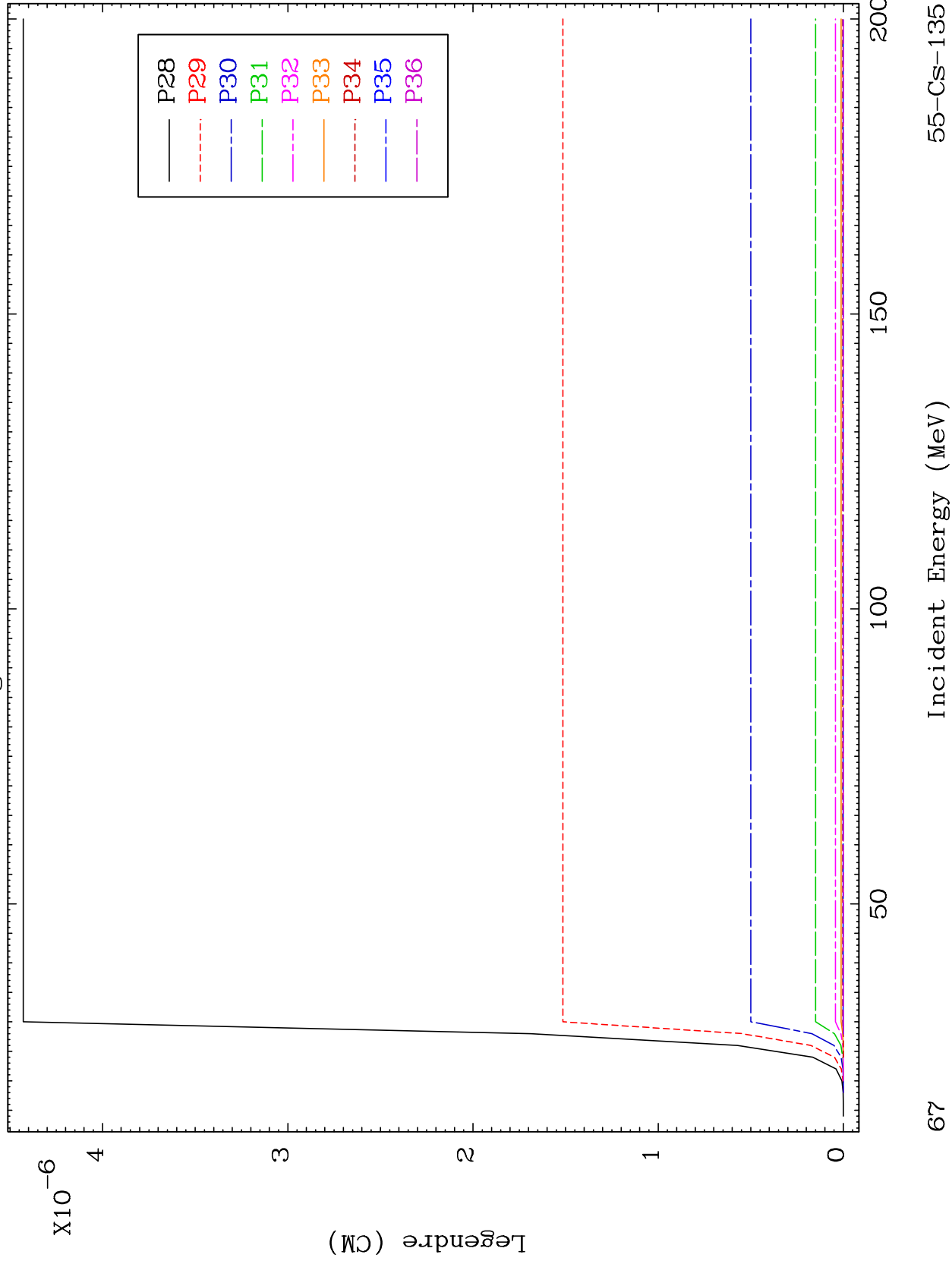
Incident Energy (MeV)

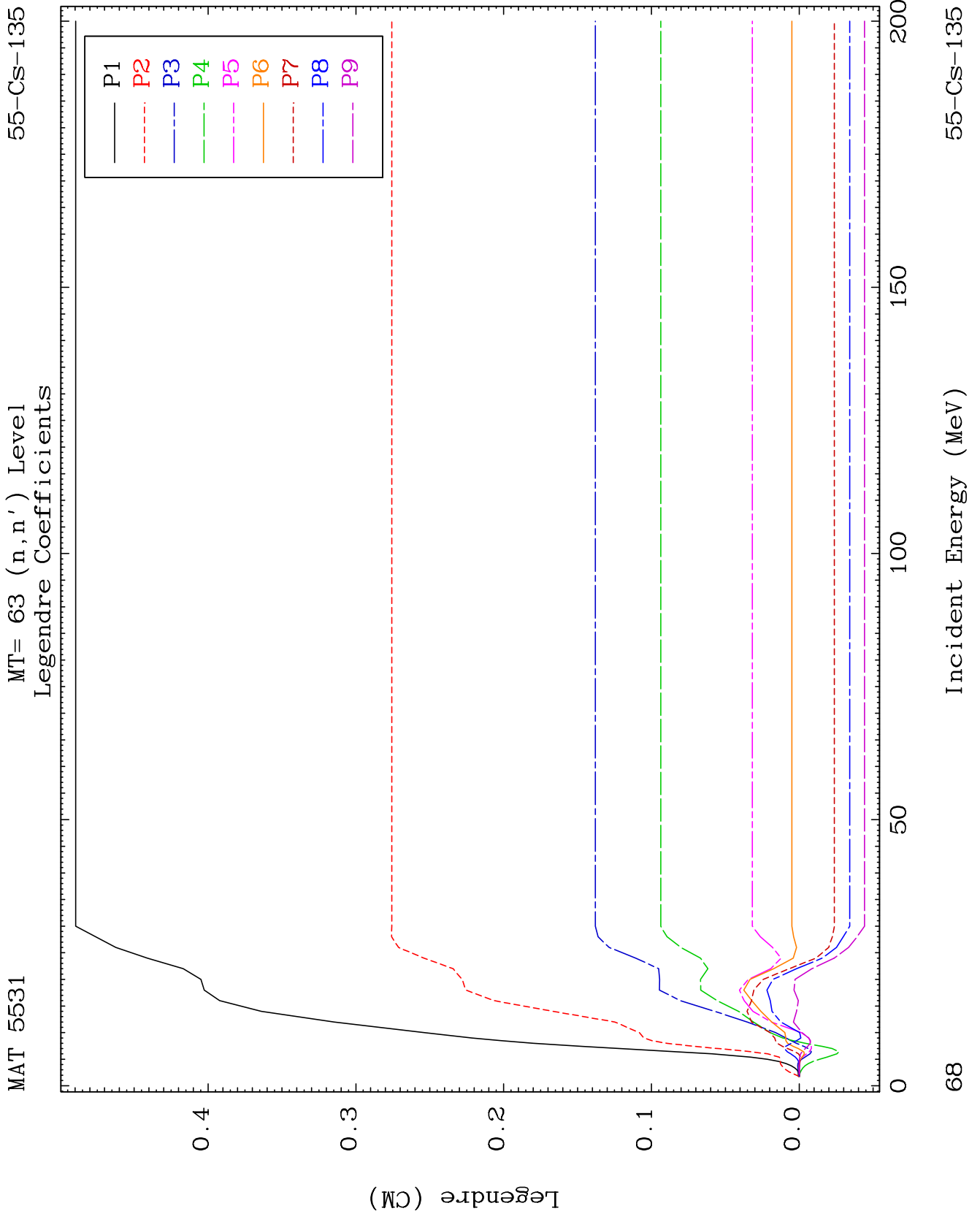
55-Cs-135

MAT 5531

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

55-Cs-135

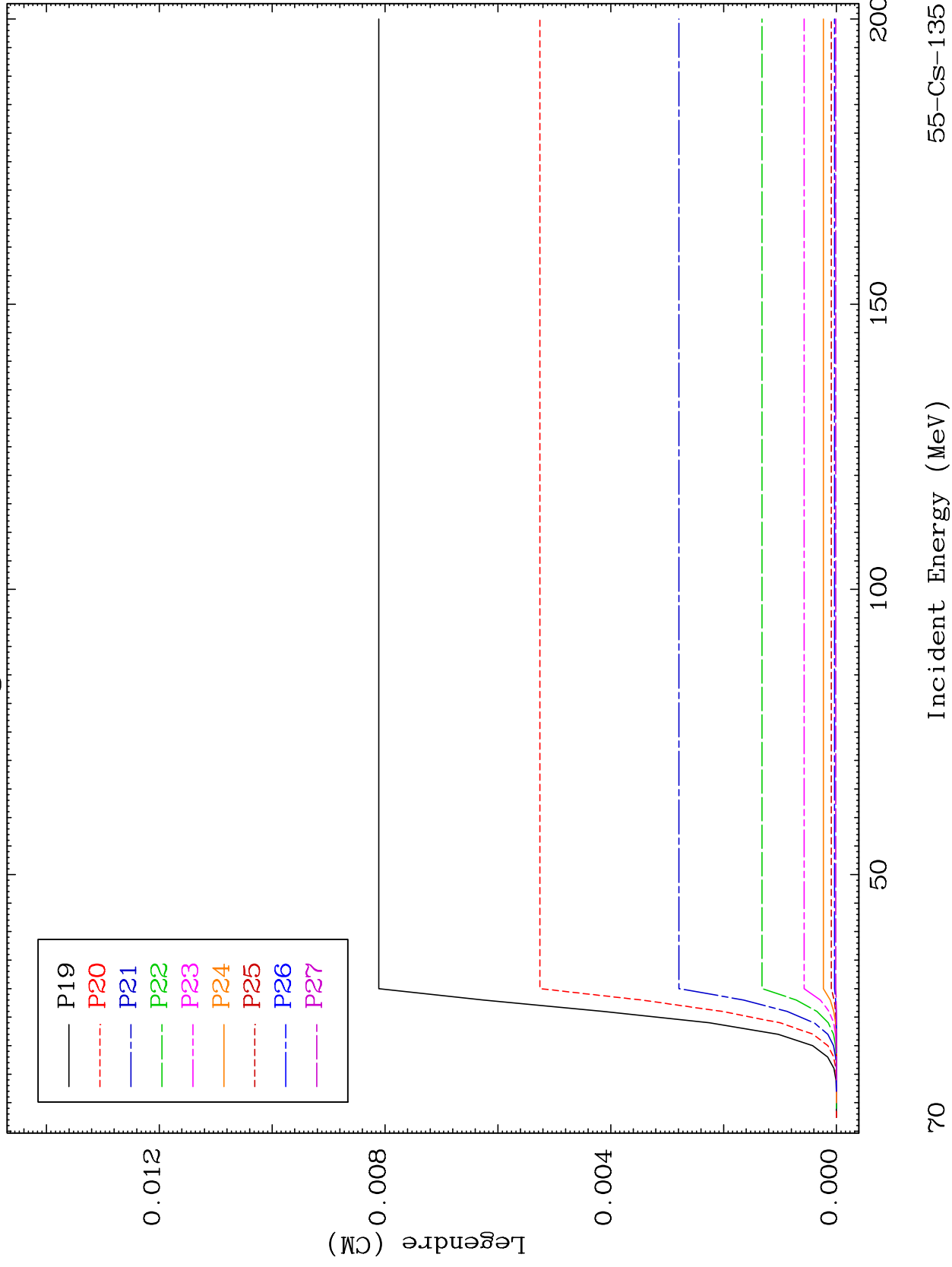




MAT 5531

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

55-Cs-135



70

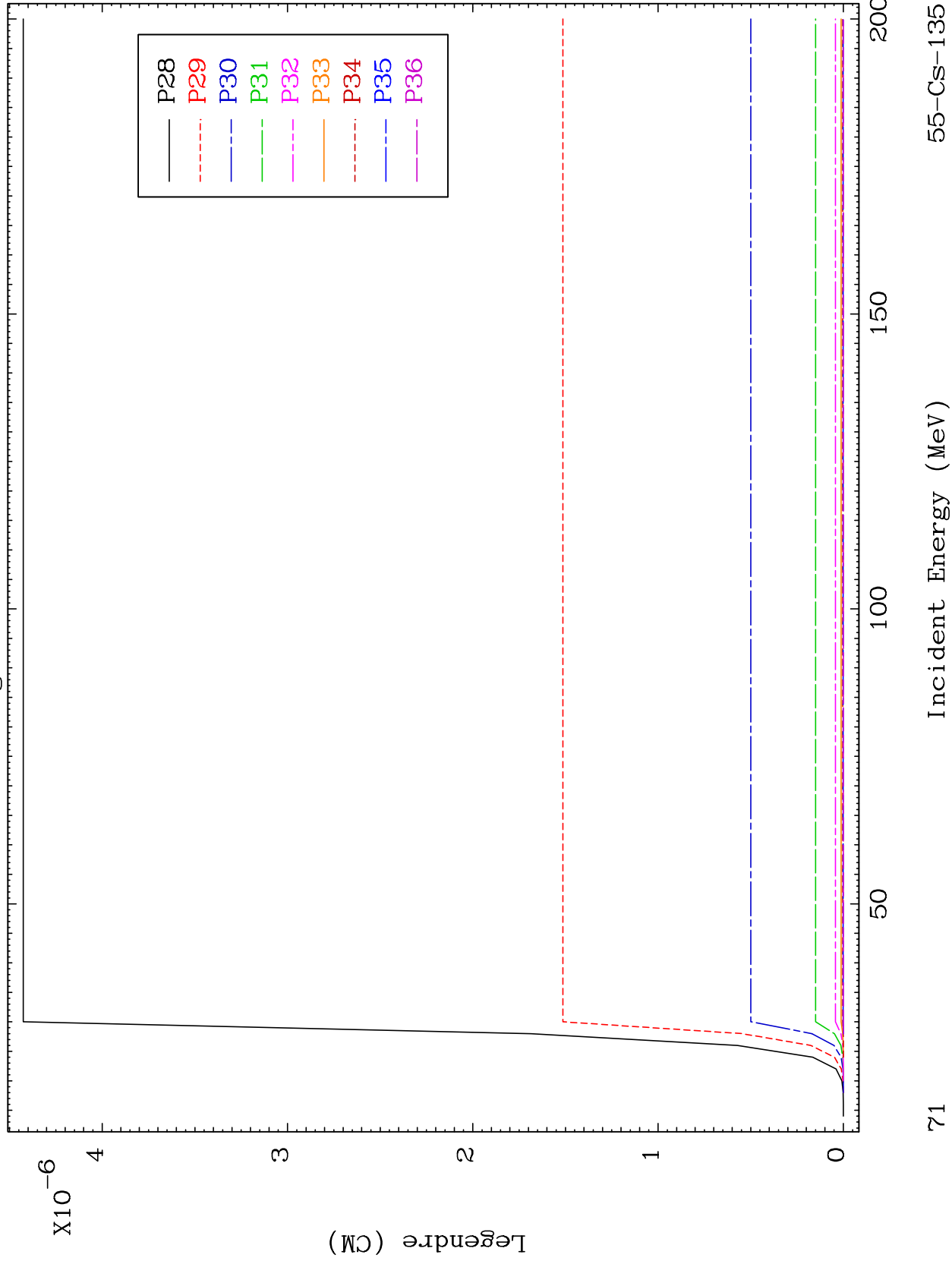
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

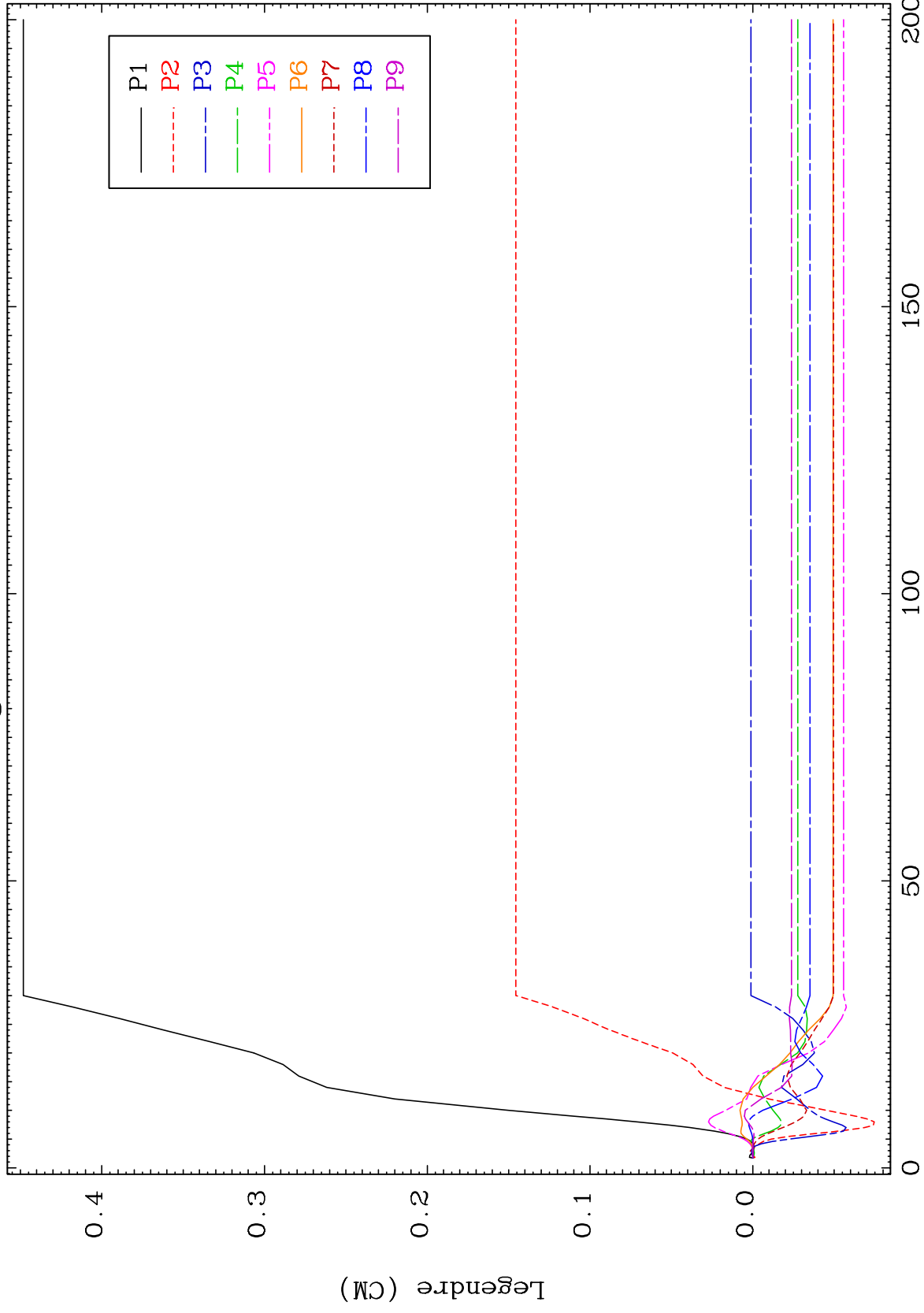
55-Cs-135



MAT 5531

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

55-Cs-135



72

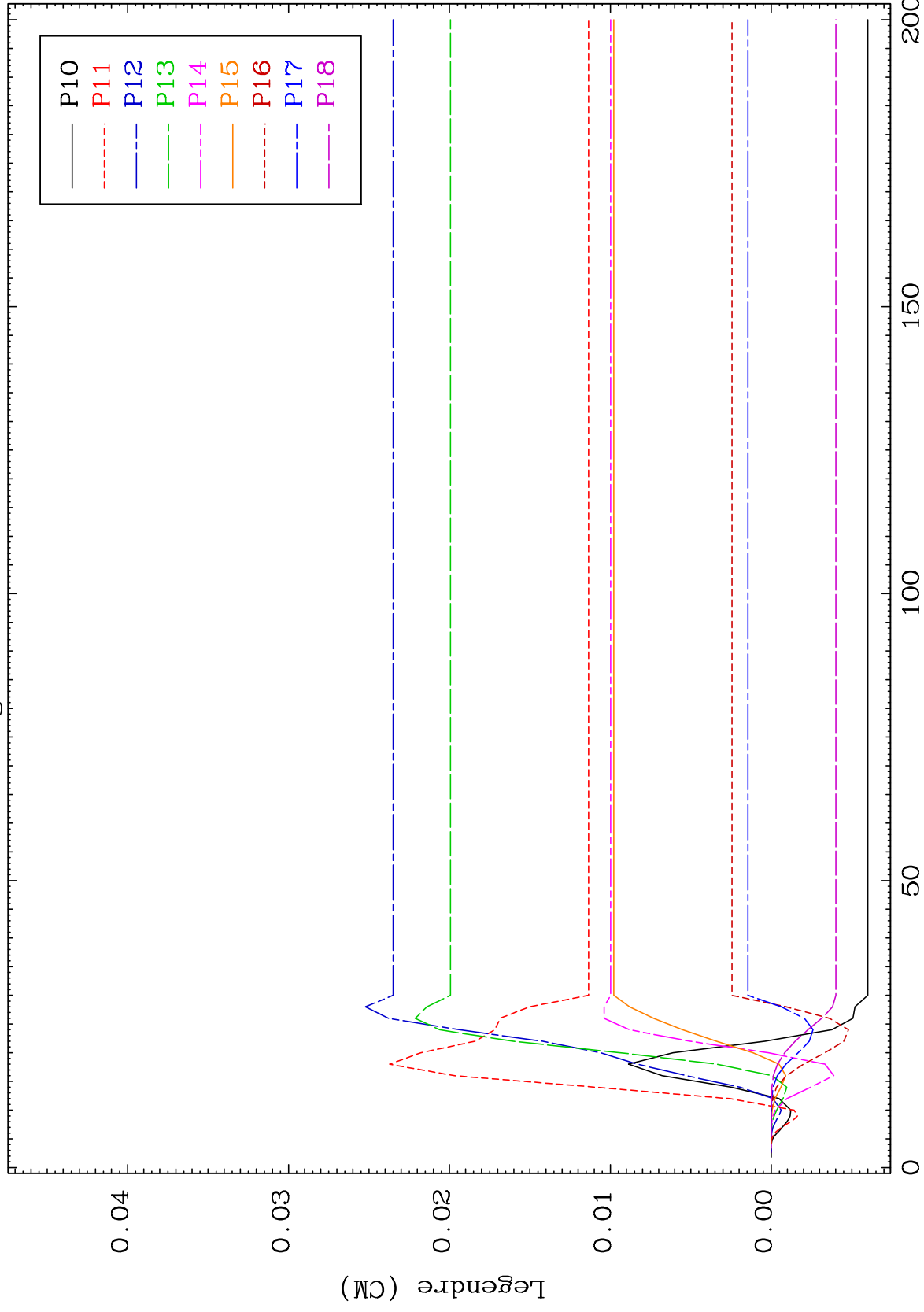
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

55-Cs-135



73

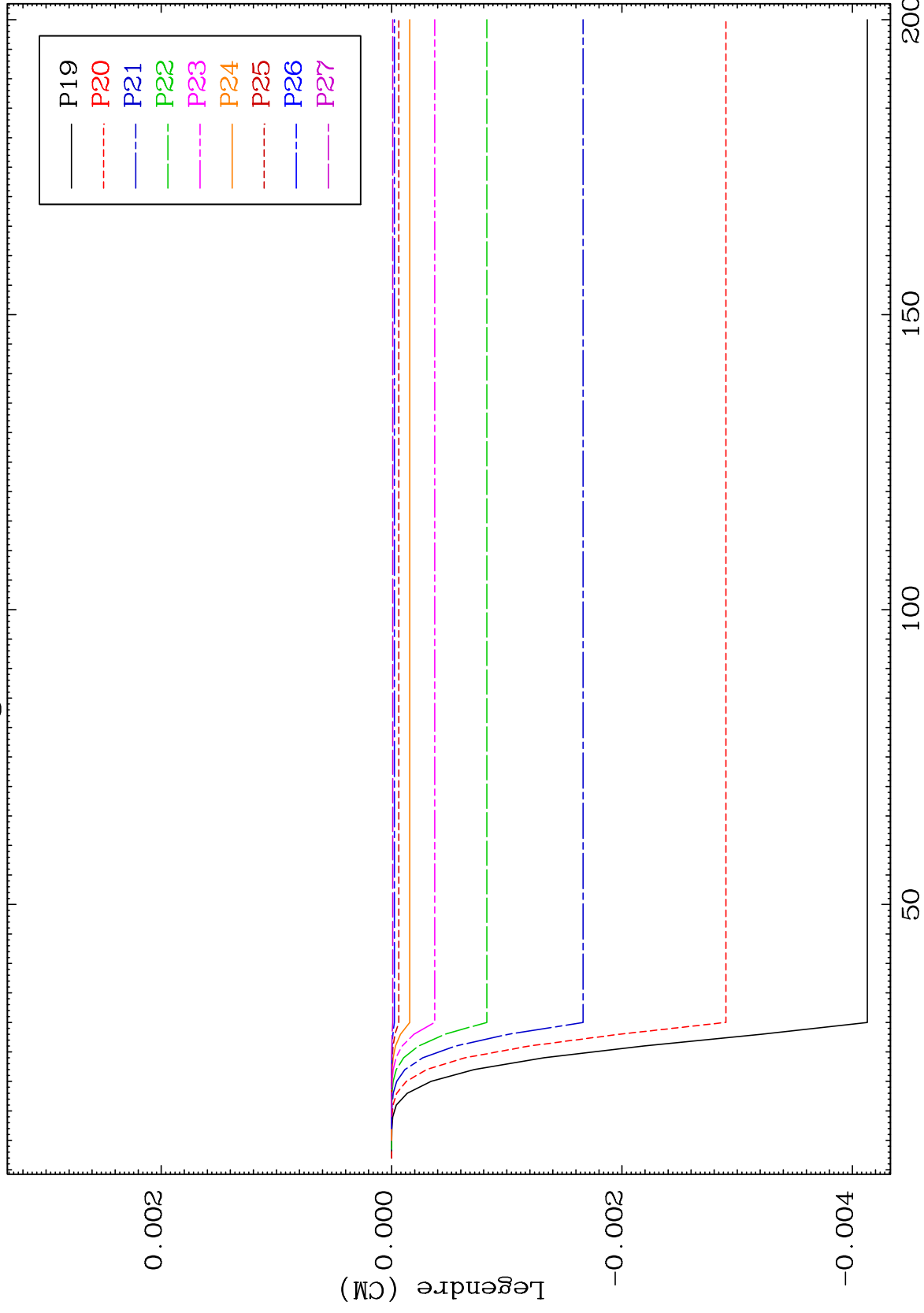
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

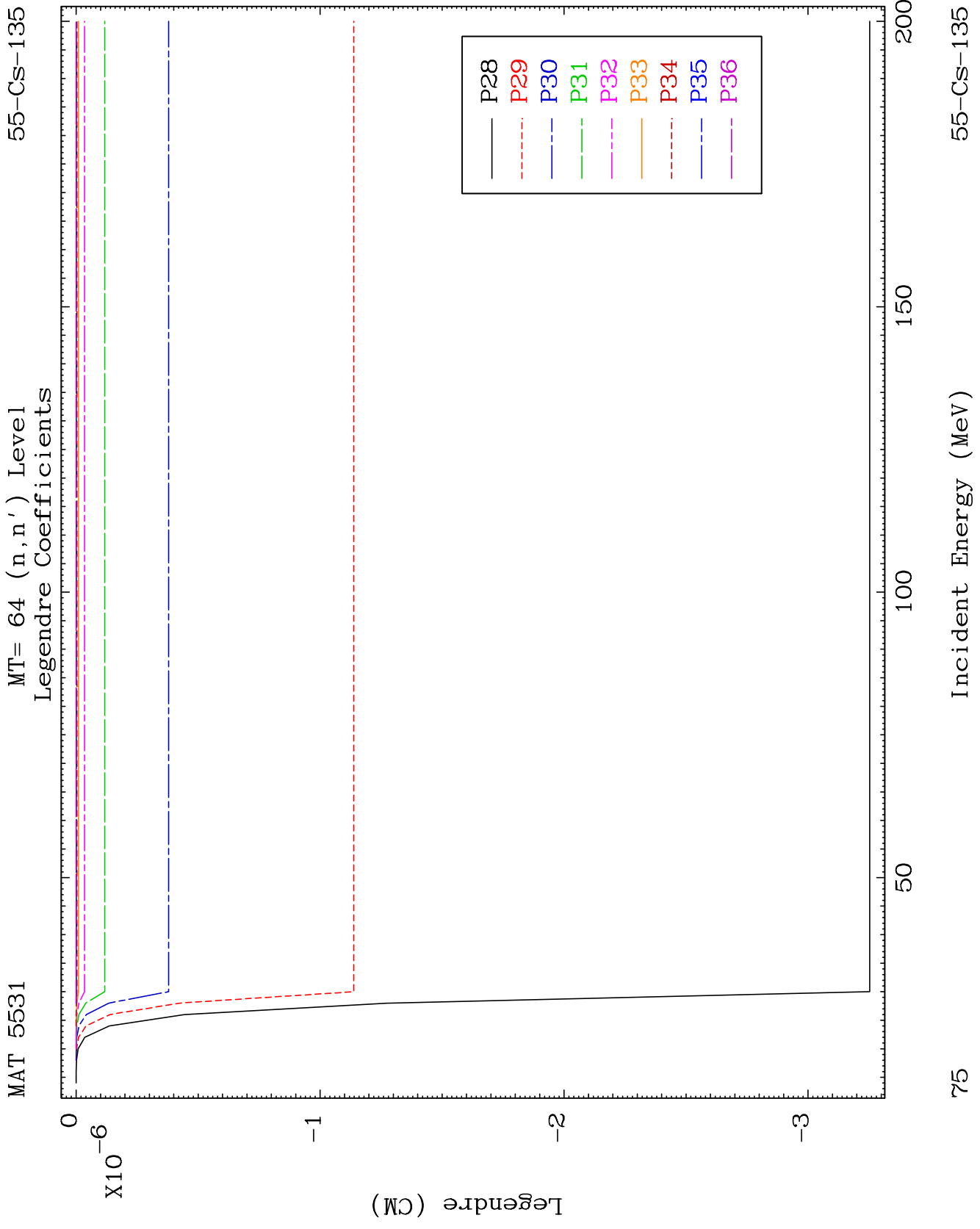
55-Cs-135



74

Incident Energy (MeV)

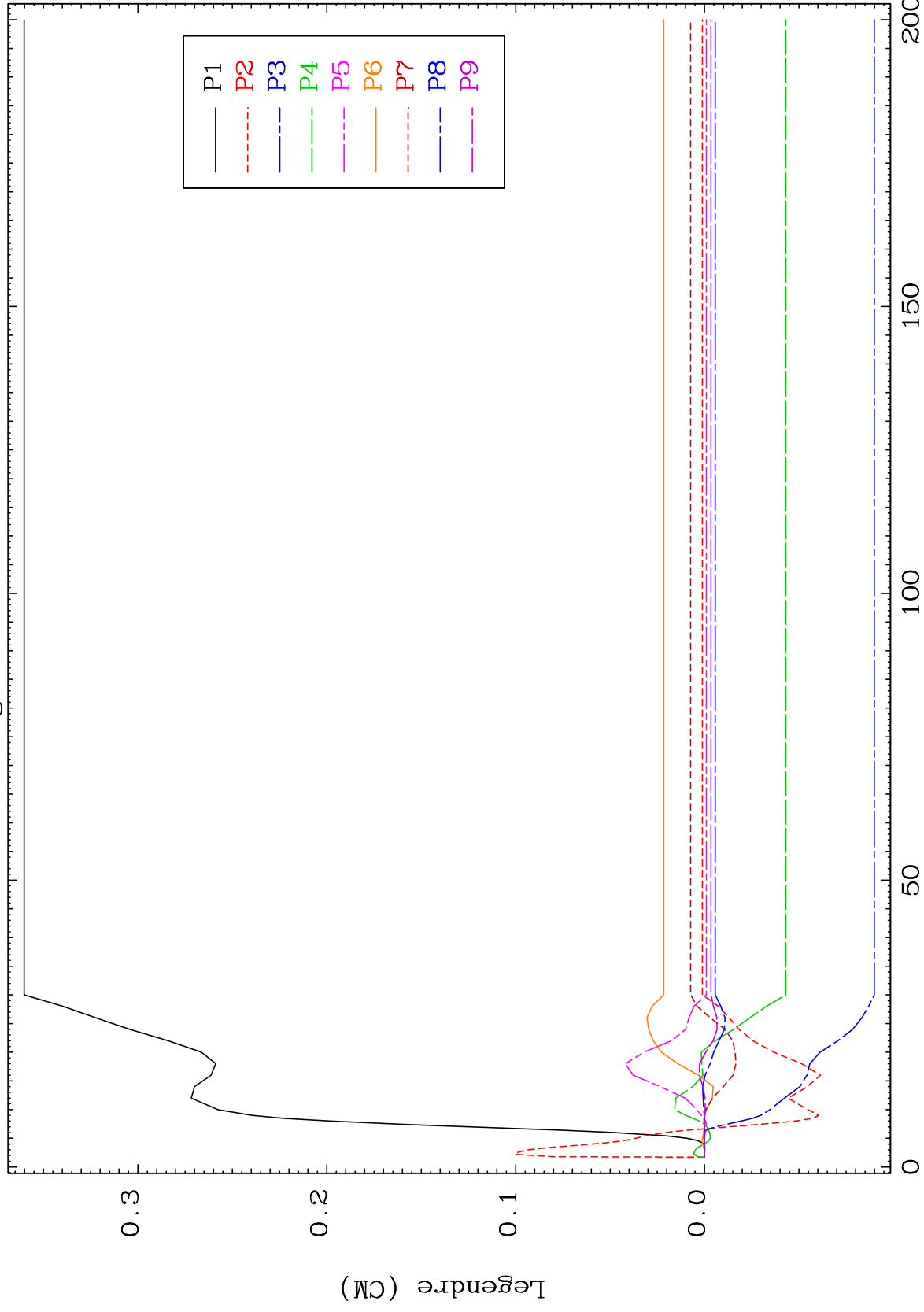
55-Cs-135



MAT 5531

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

55-Cs-135



76

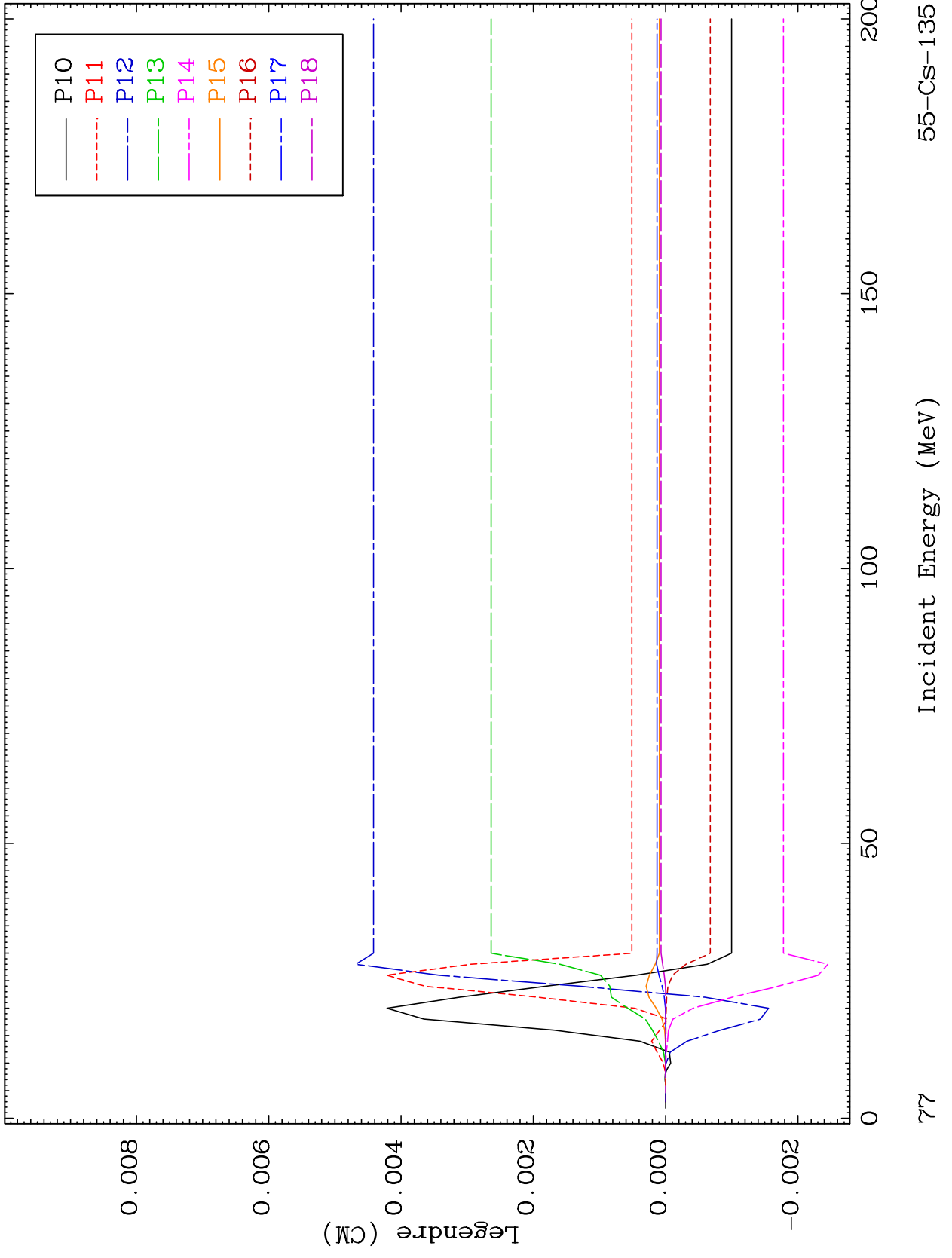
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

55-Cs-135



77

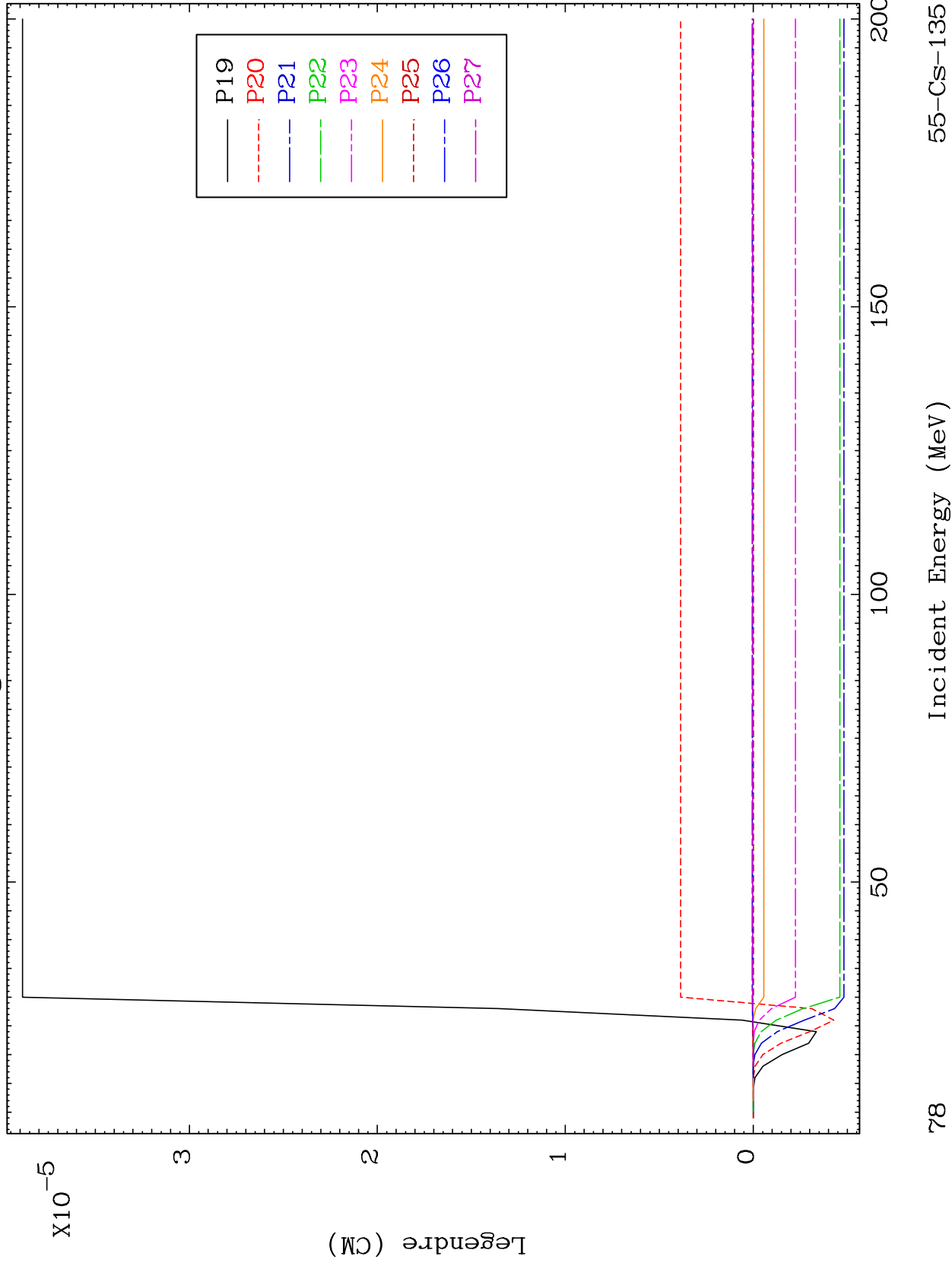
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

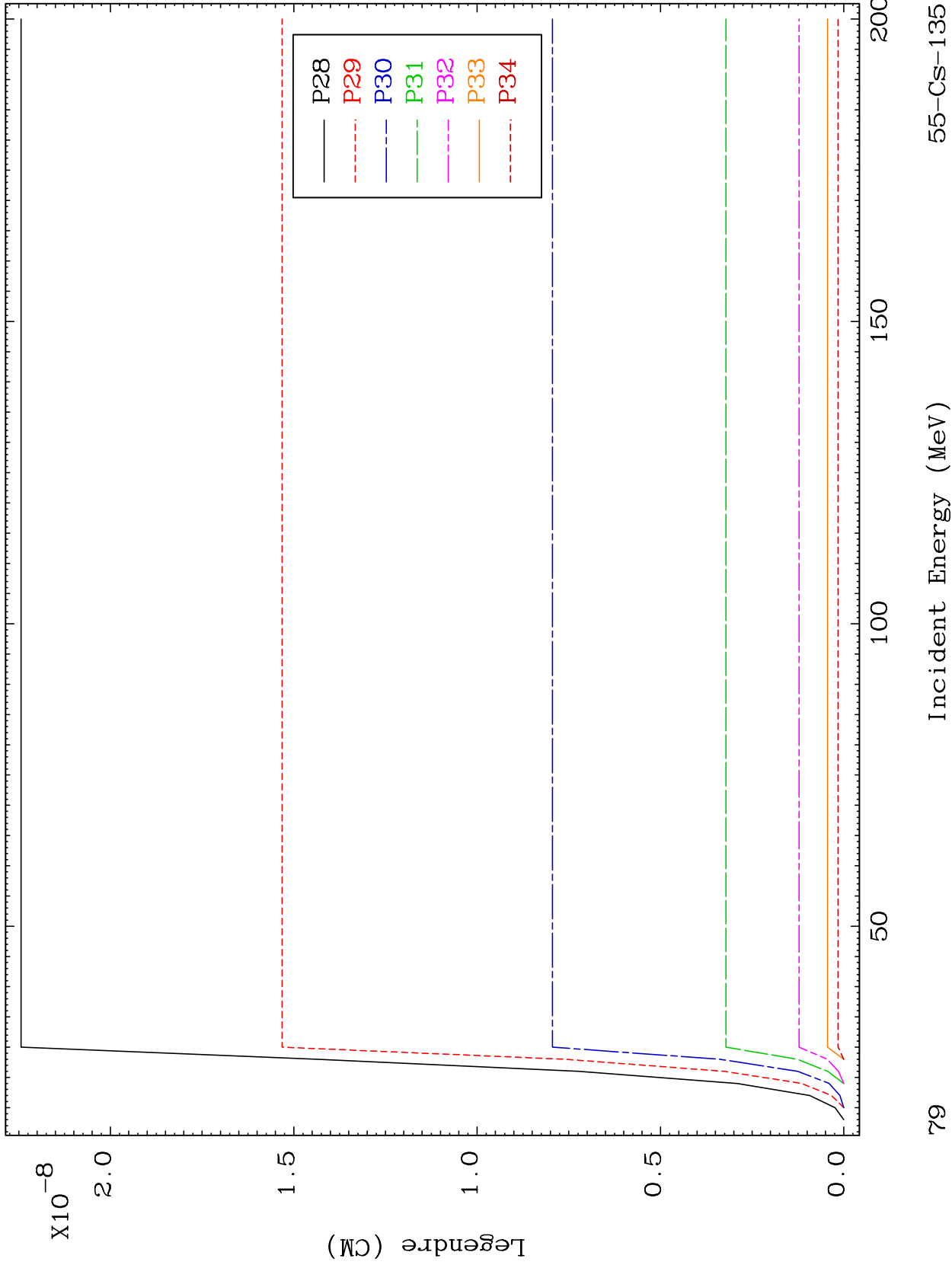
55-Cs-135



MAT 5531

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

55-Cs-135



79

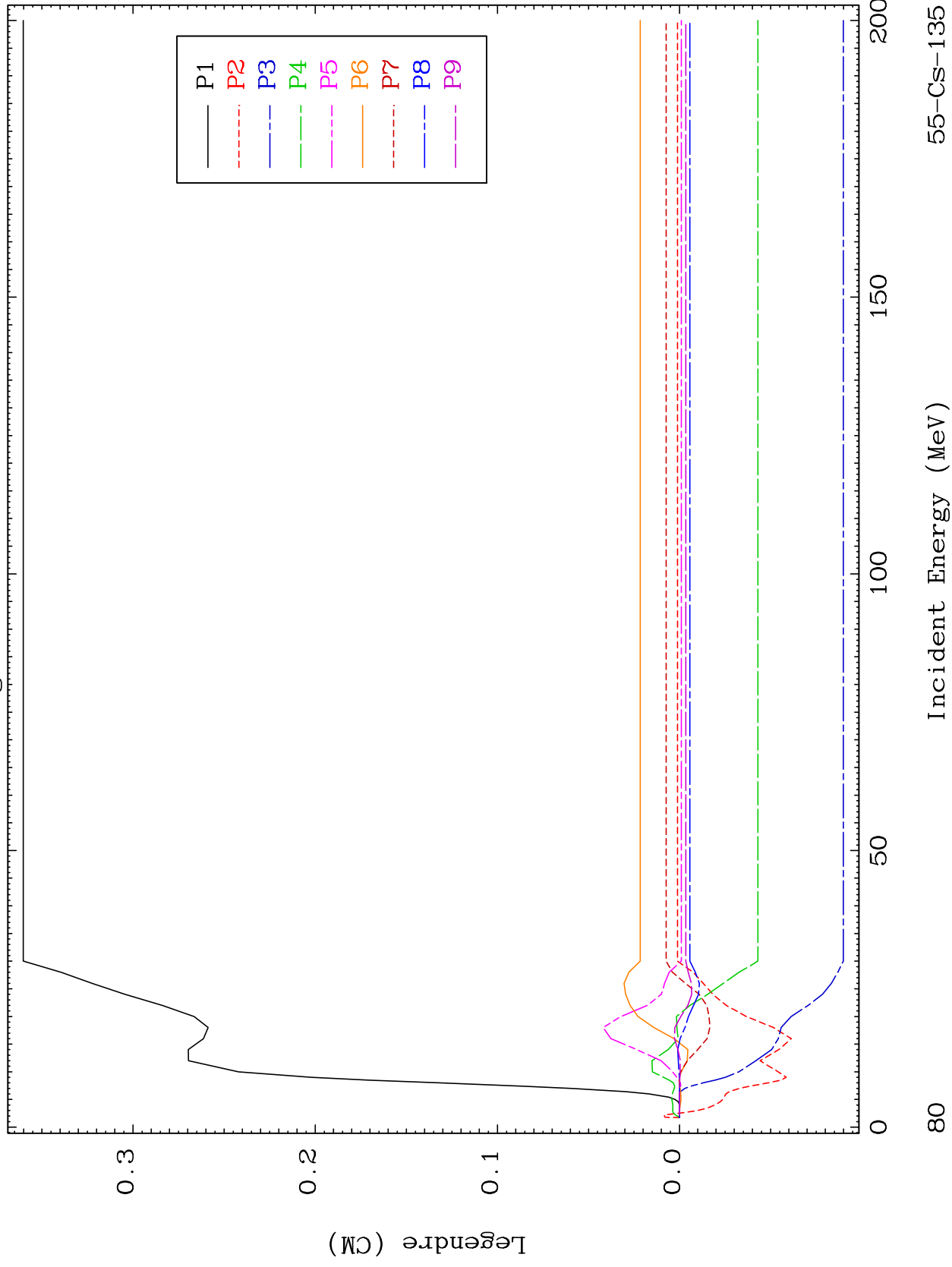
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

55-Cs-135



55-Cs-135

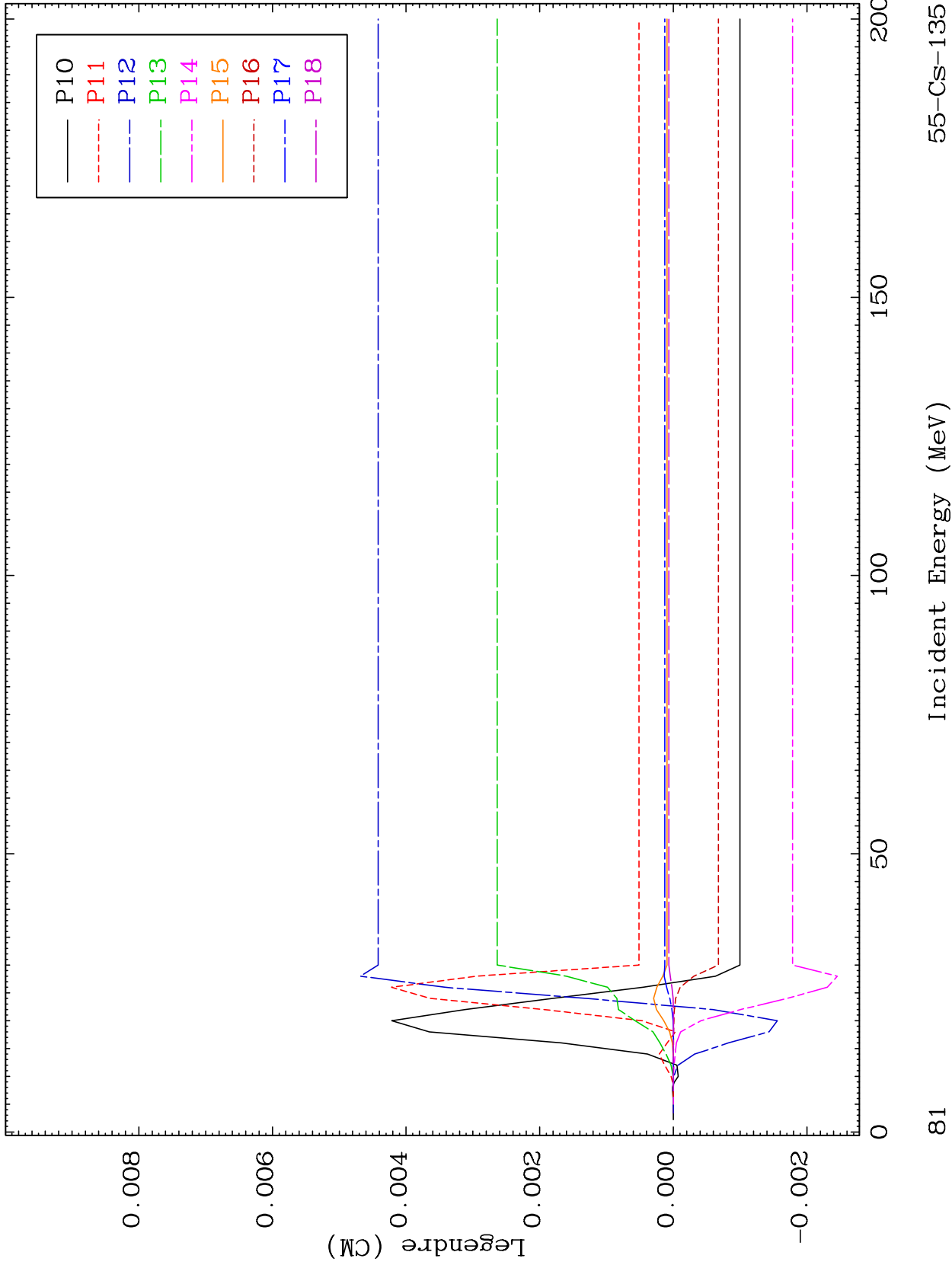
Incident Energy (MeV)

80

MAT 5531

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

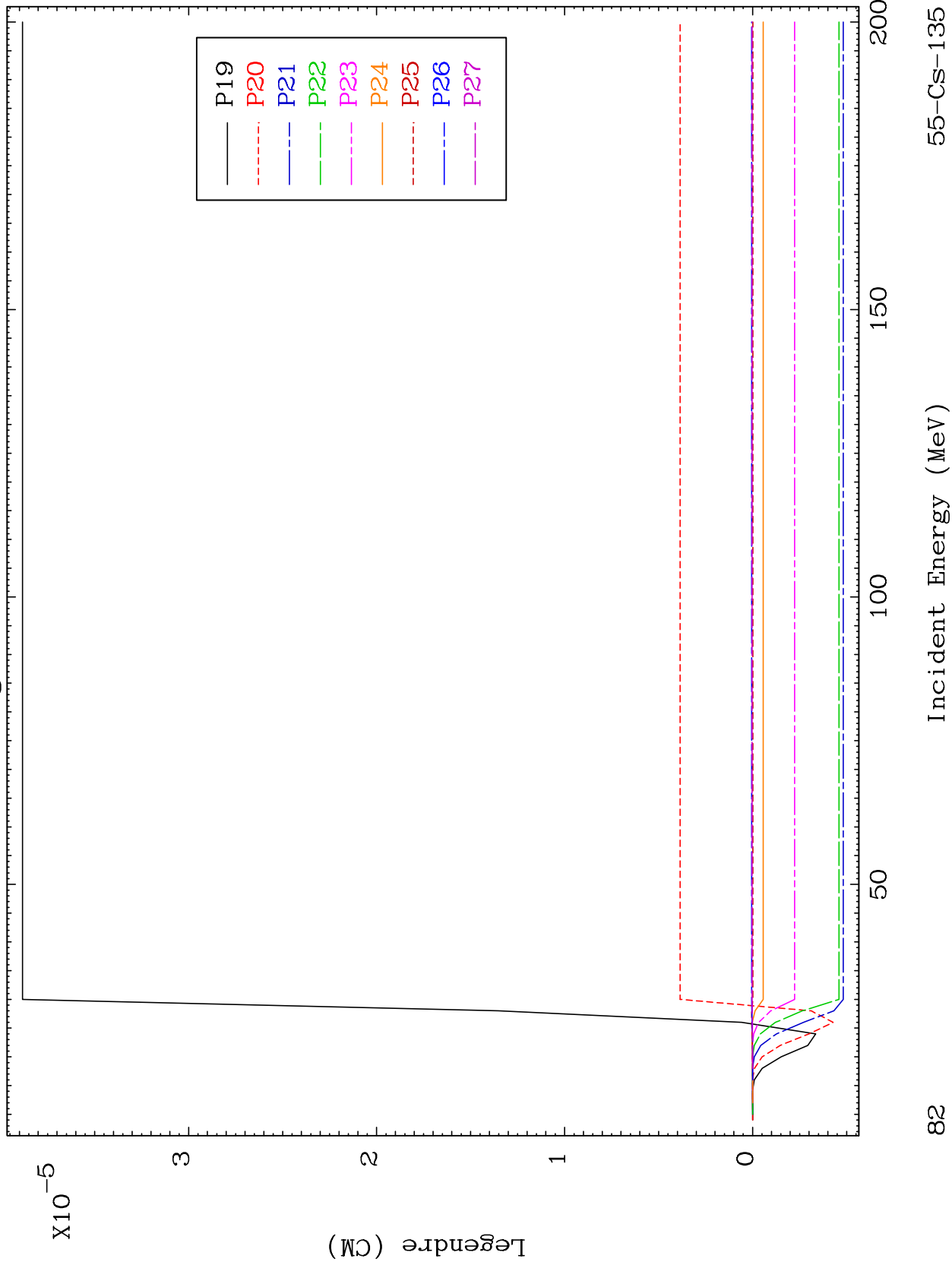
55-Cs-135



MAT 5531

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

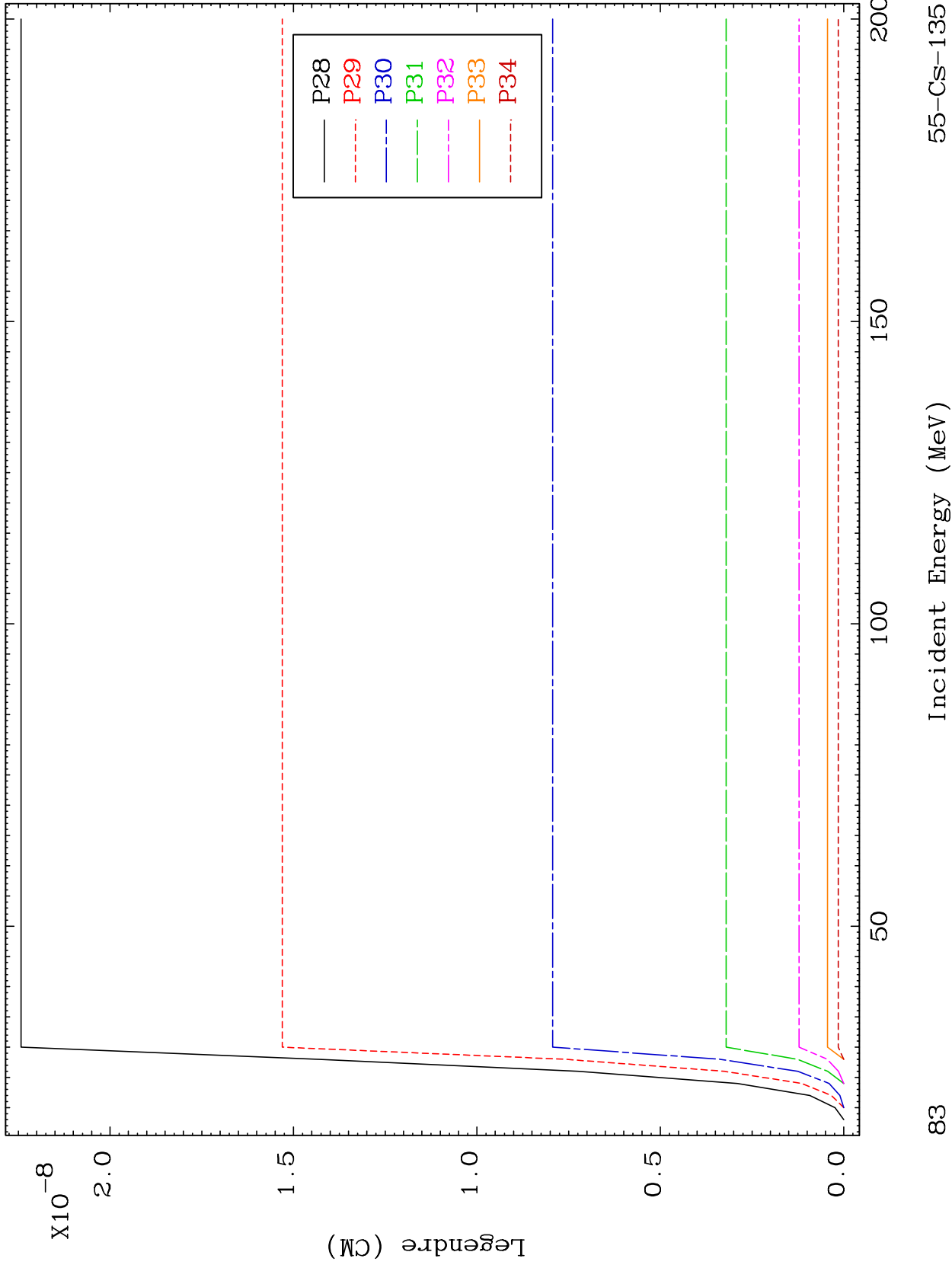
55-Cs-135



MAT 5531

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

55-Cs-135



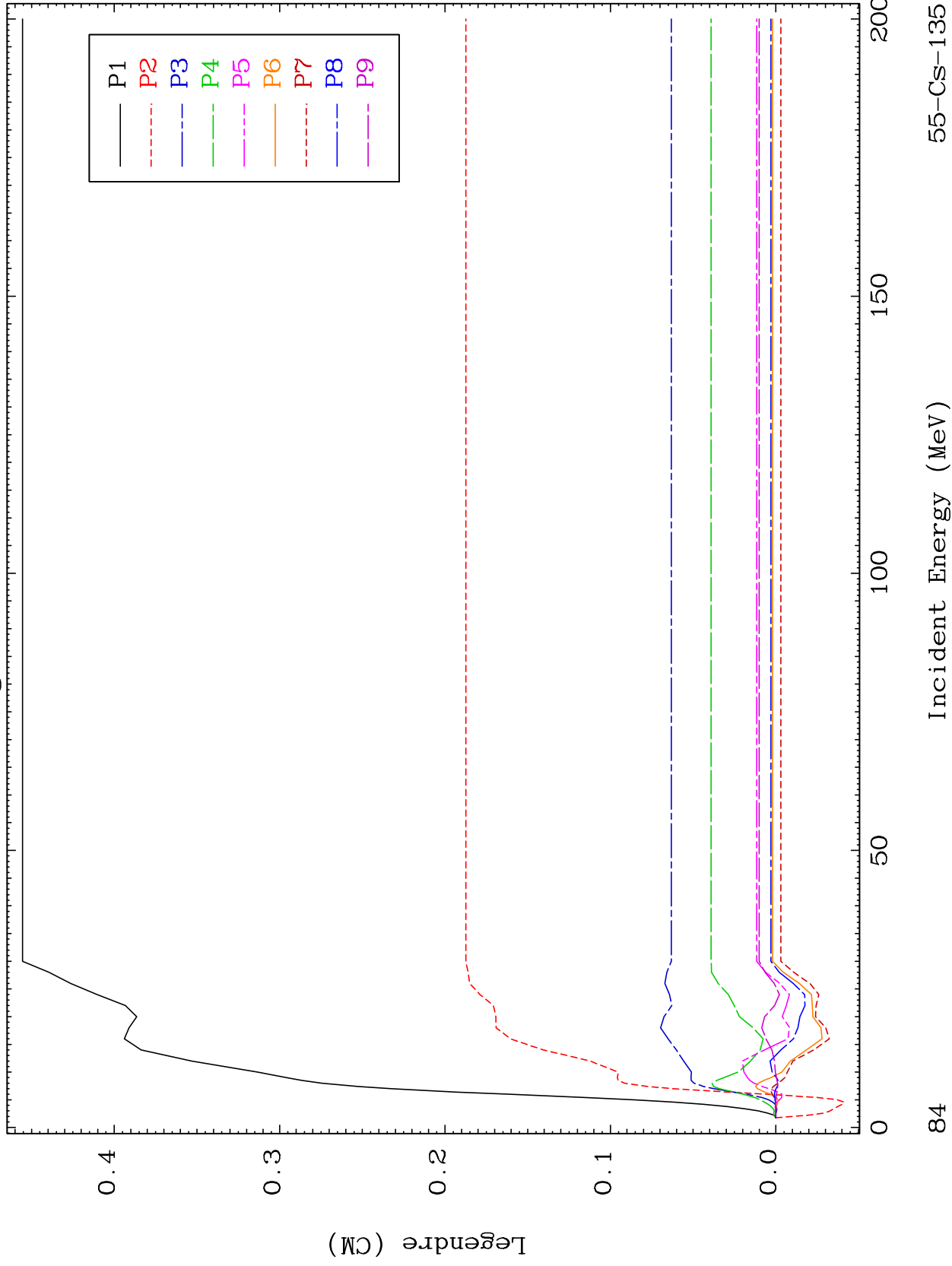
83

55-Cs-135

MAT 5531

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

55-Cs-135



55-Cs-135

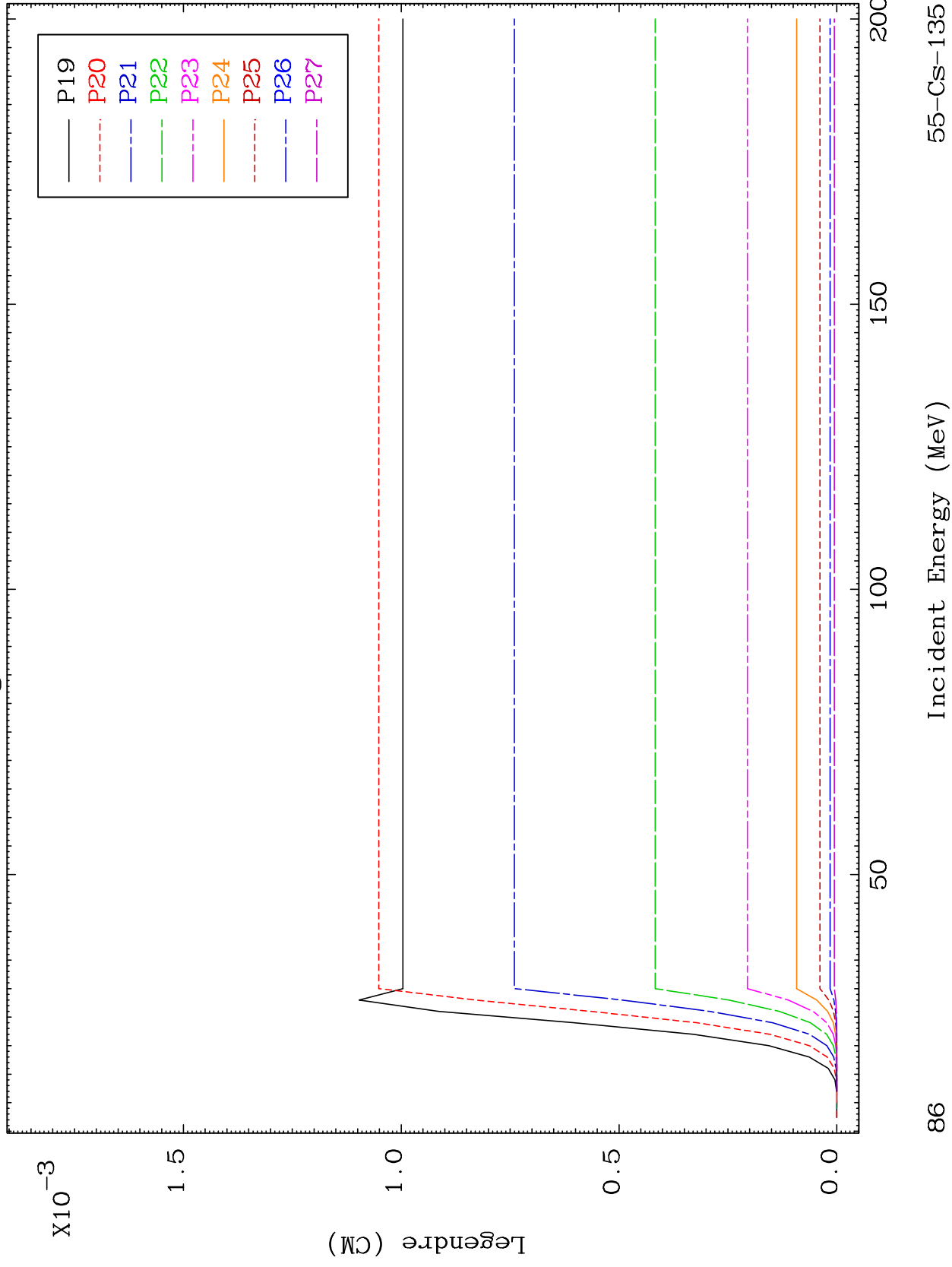
Incident Energy (MeV)

84

MAT 5531

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

55-Cs-135



86

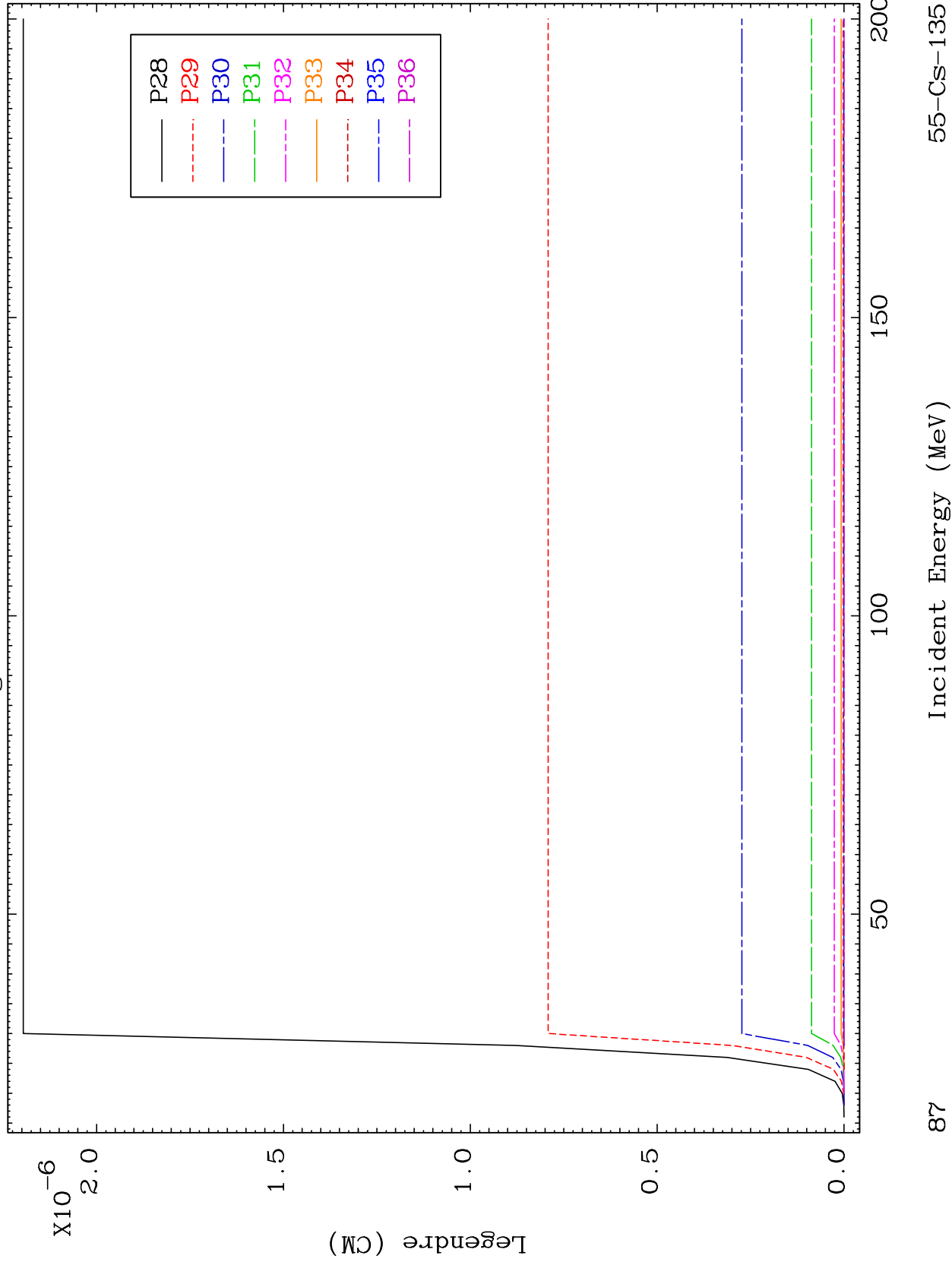
Incident Energy (MeV)

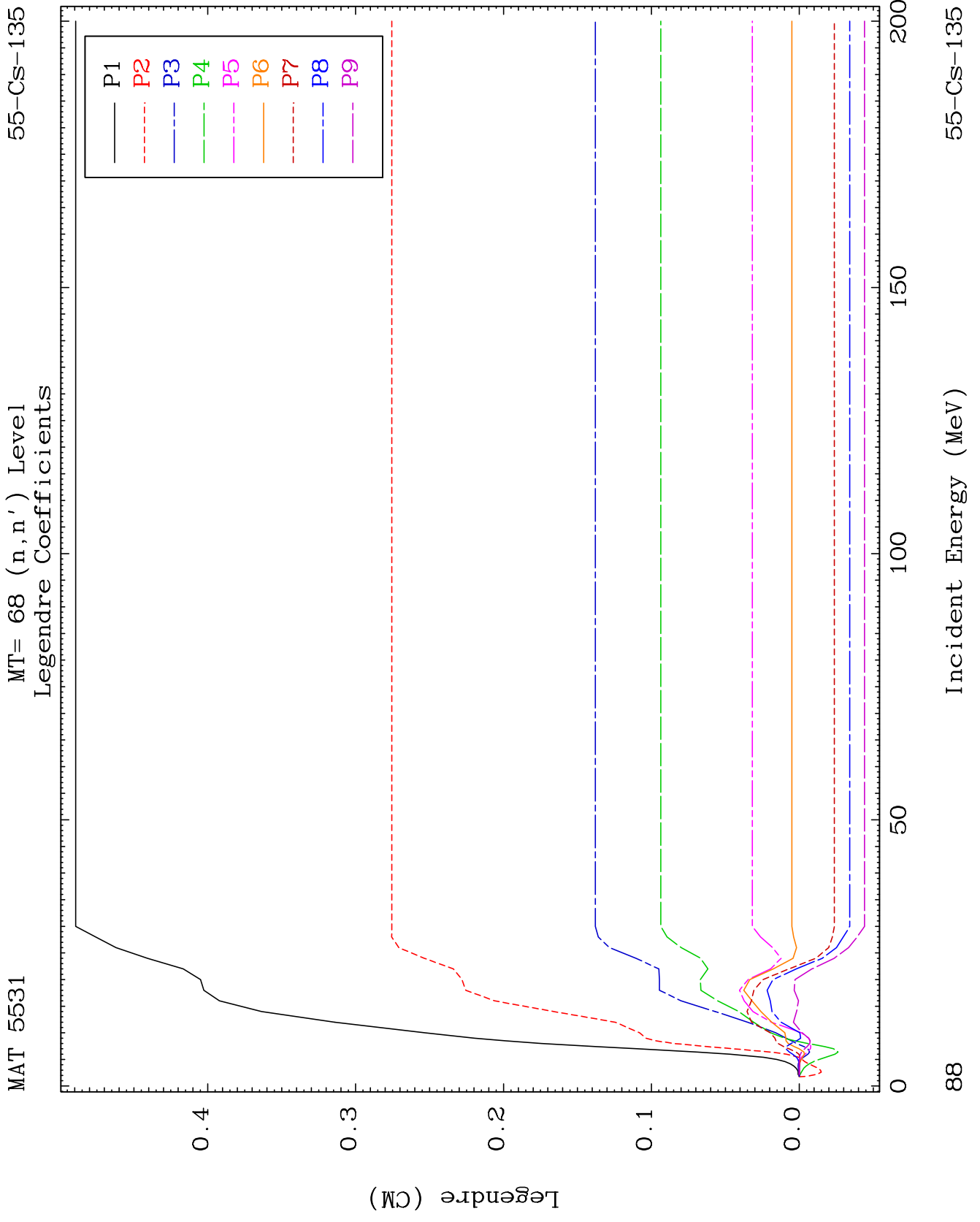
55-Cs-135

MAT 5531

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

55-Cs-135

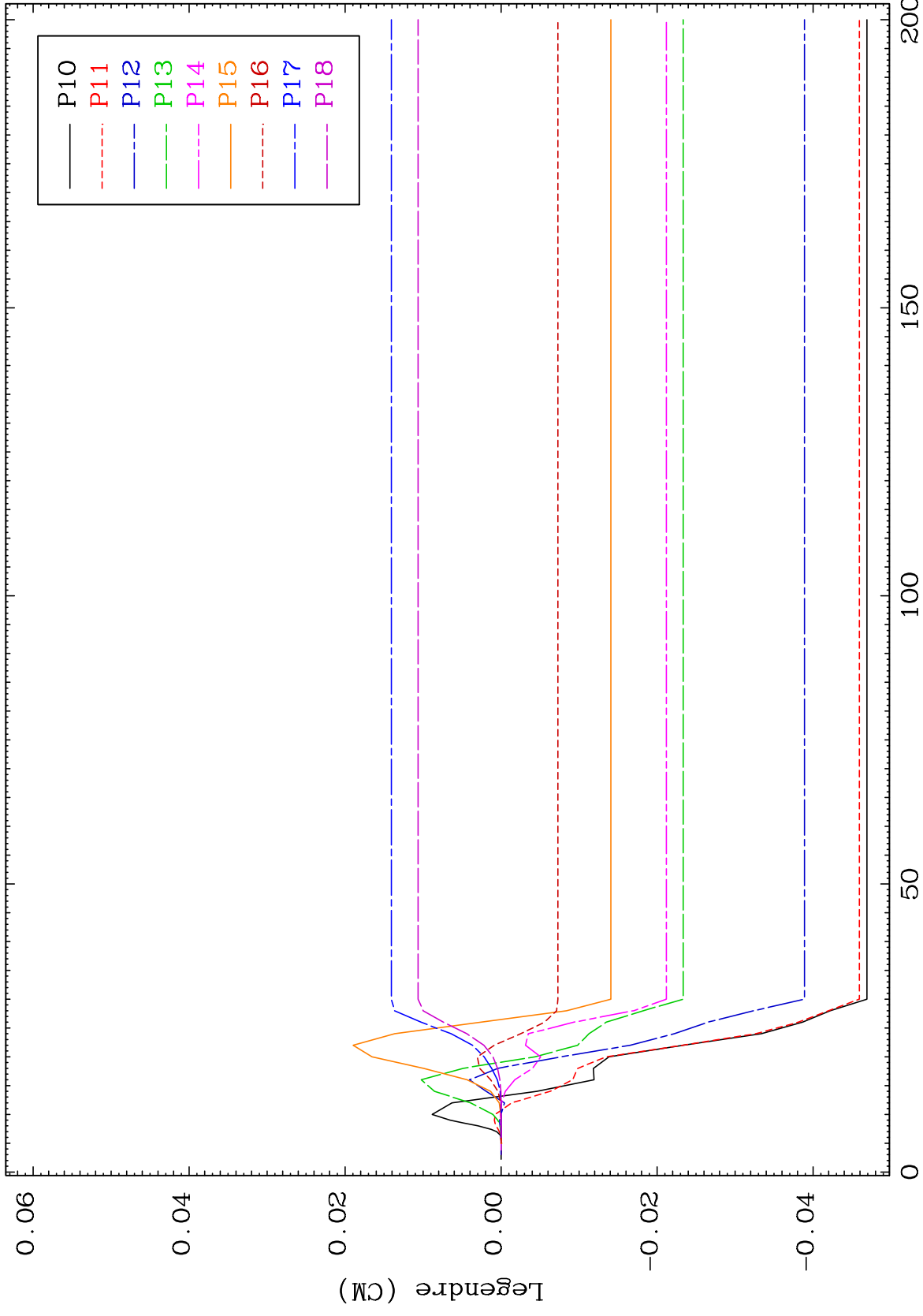




MAT 5531

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

55-Cs-135



89

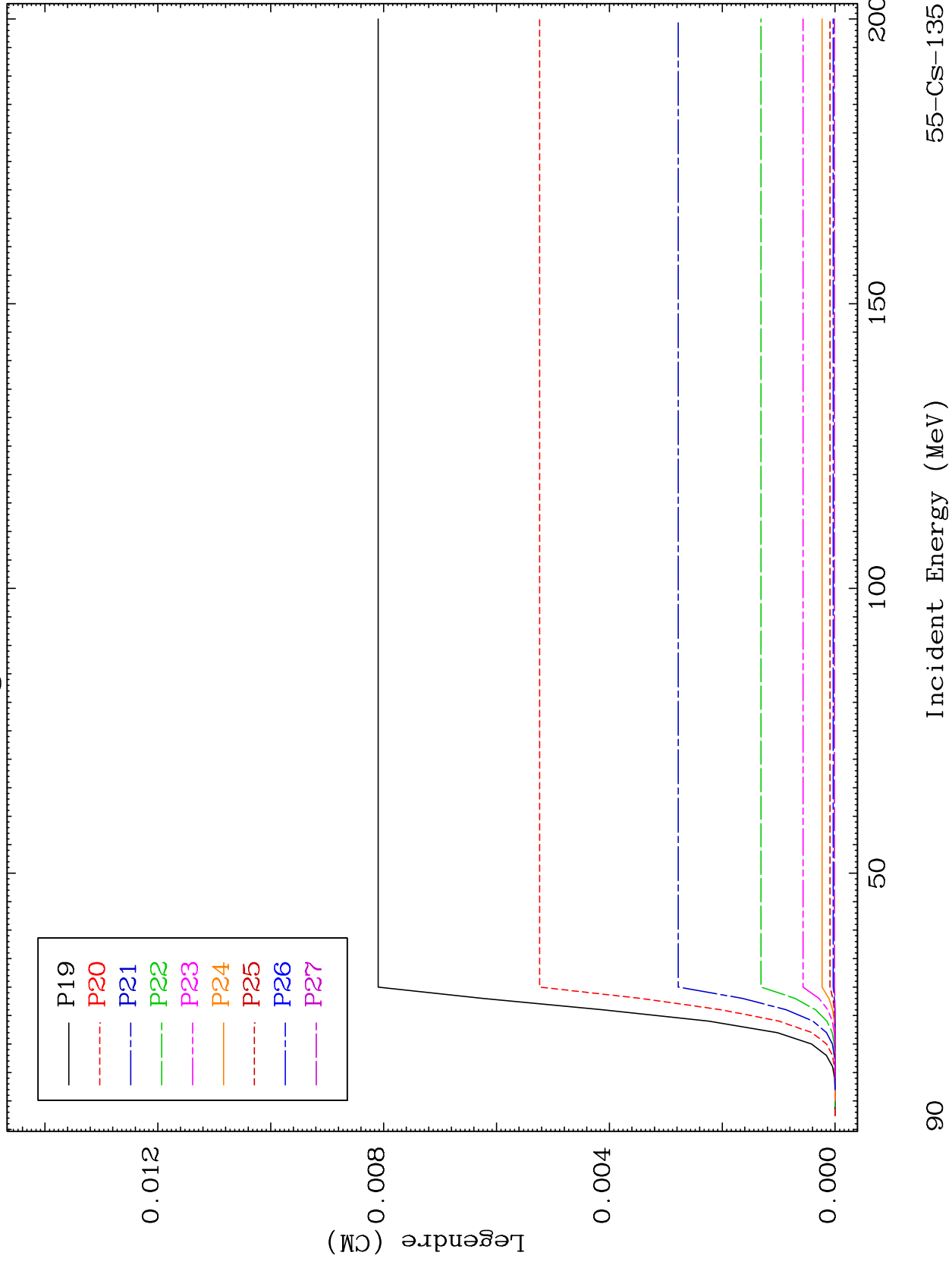
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

55-Cs-135



90

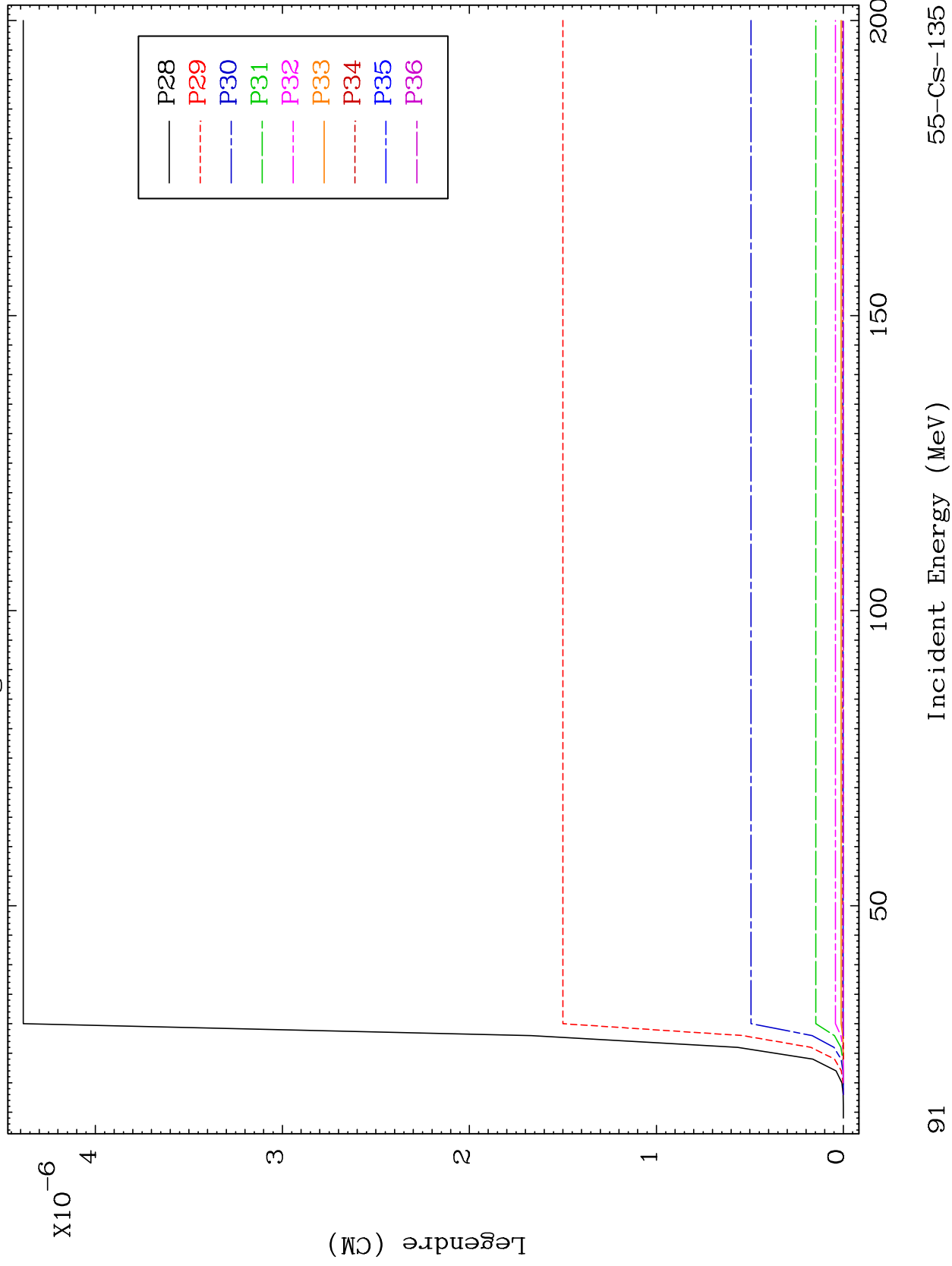
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

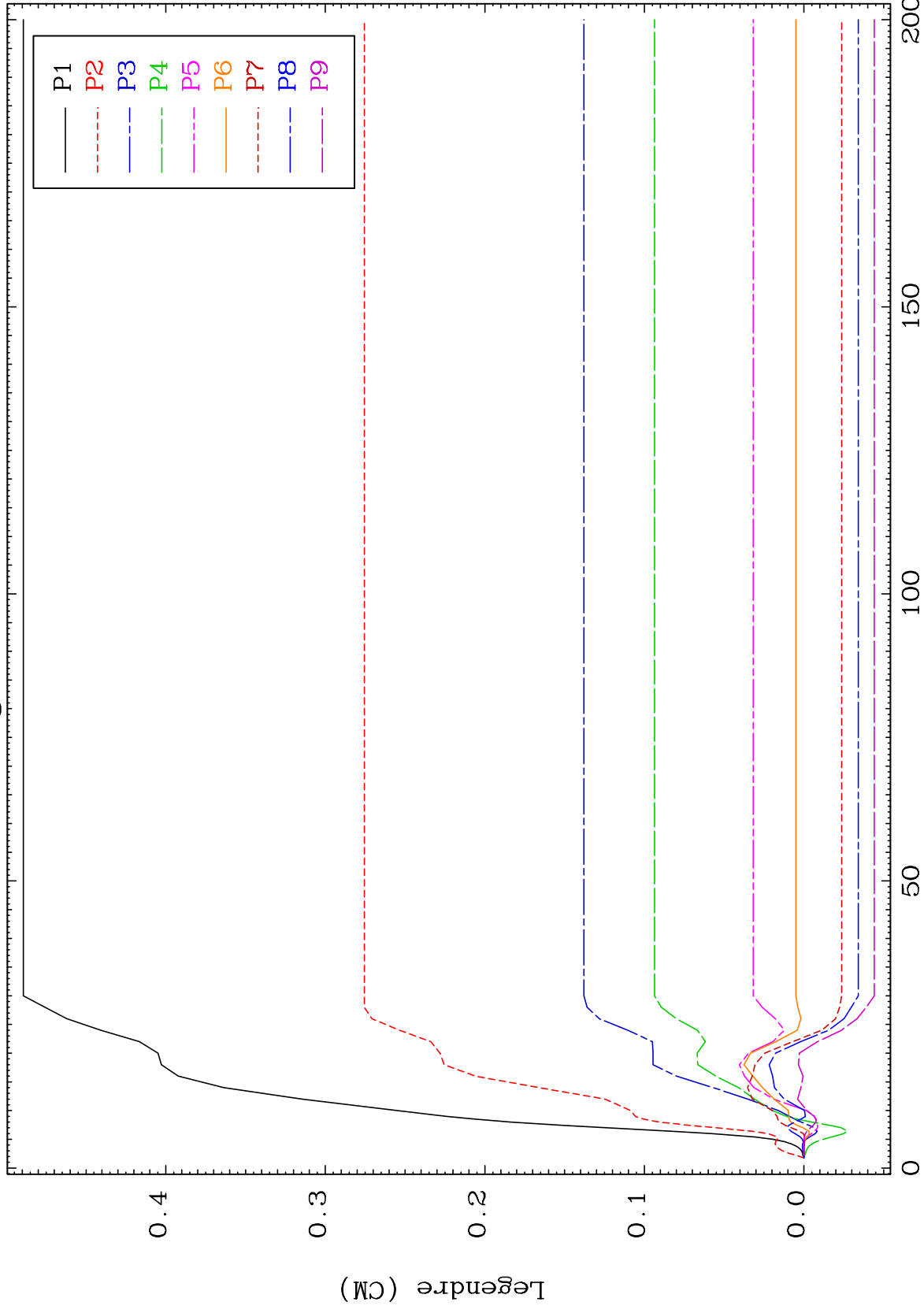
55-Cs-135



MAT 5531

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

55-Cs-135



92

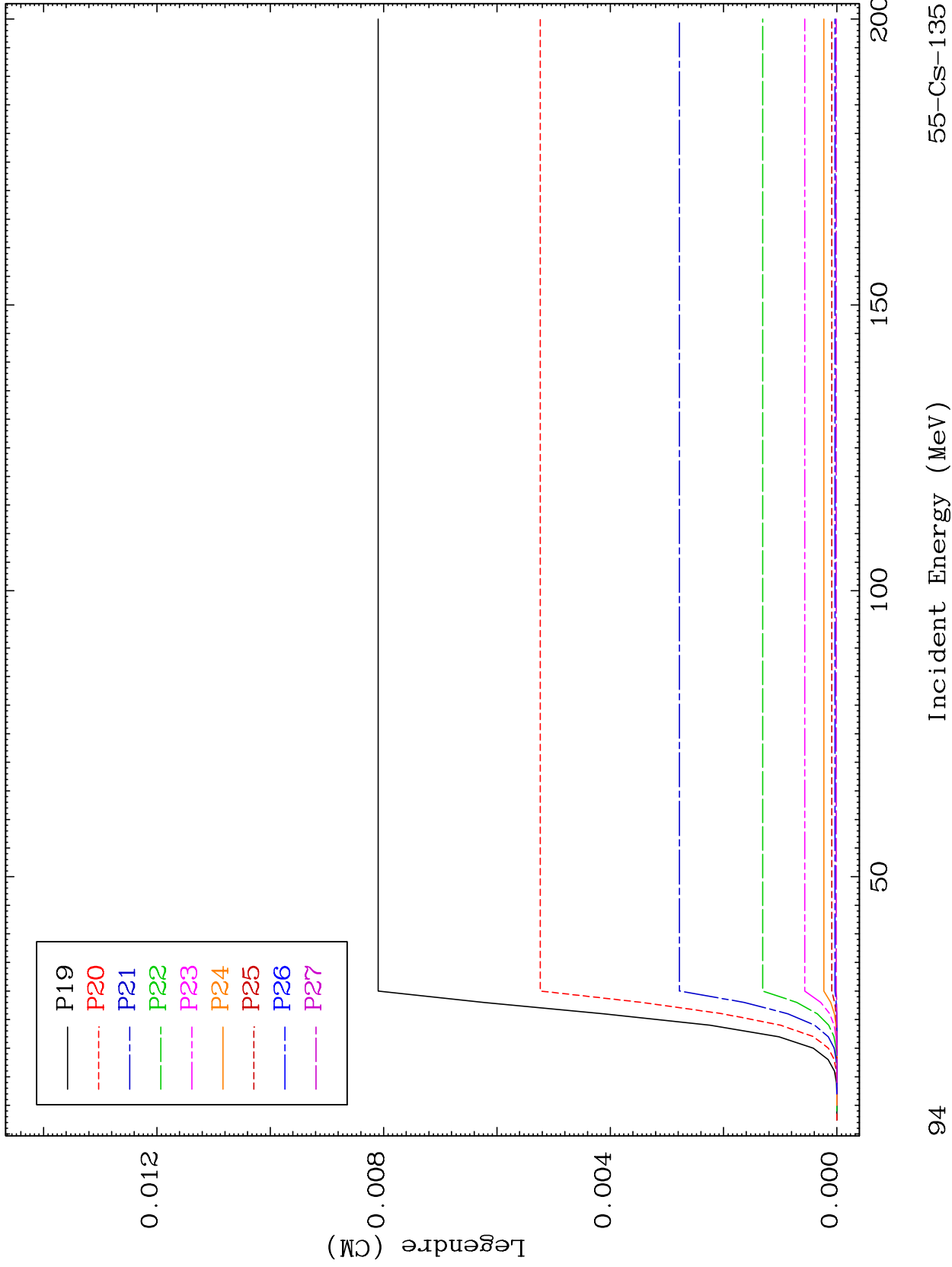
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

55-Cs-135



94

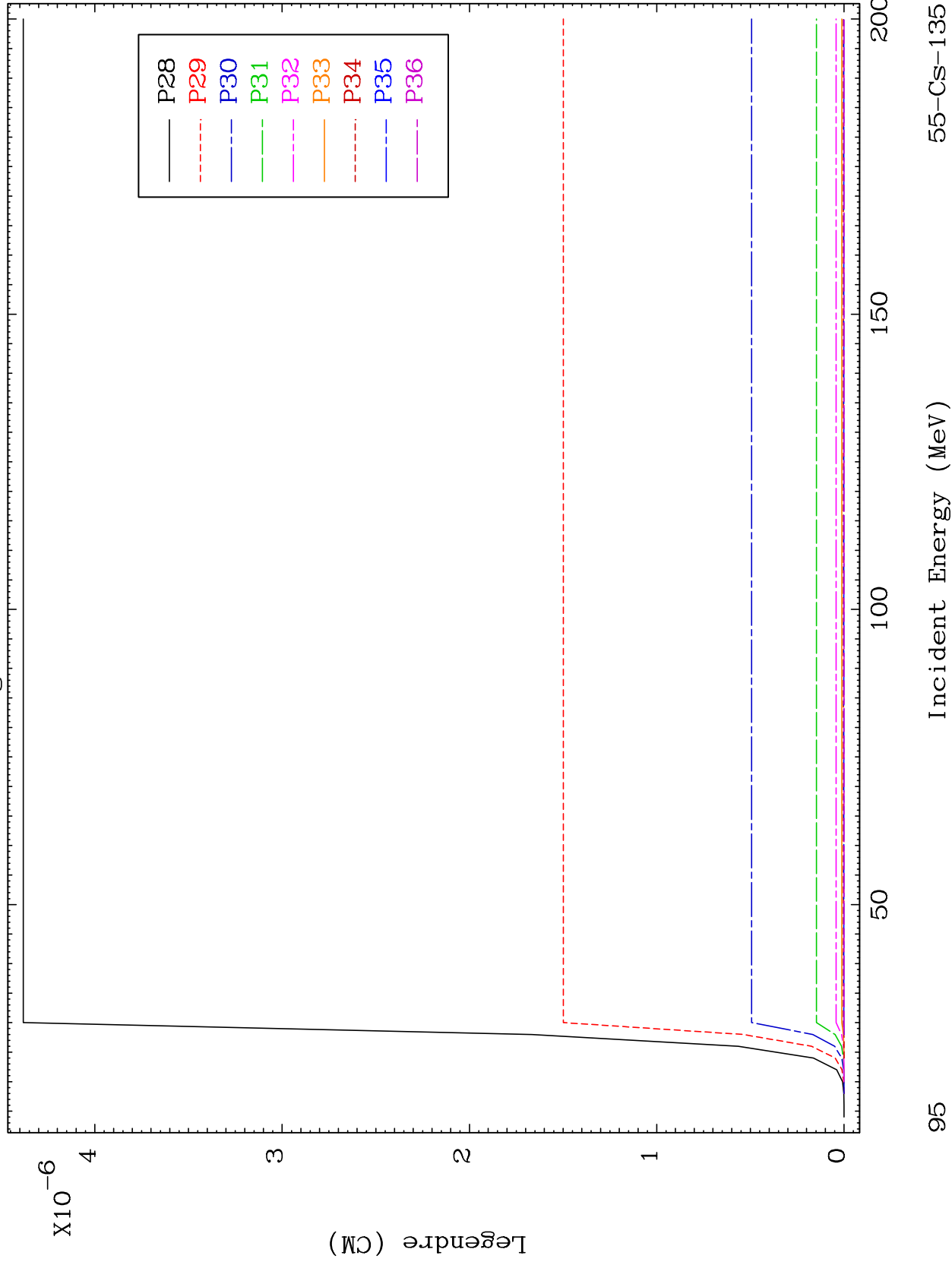
Incident Energy (MeV)

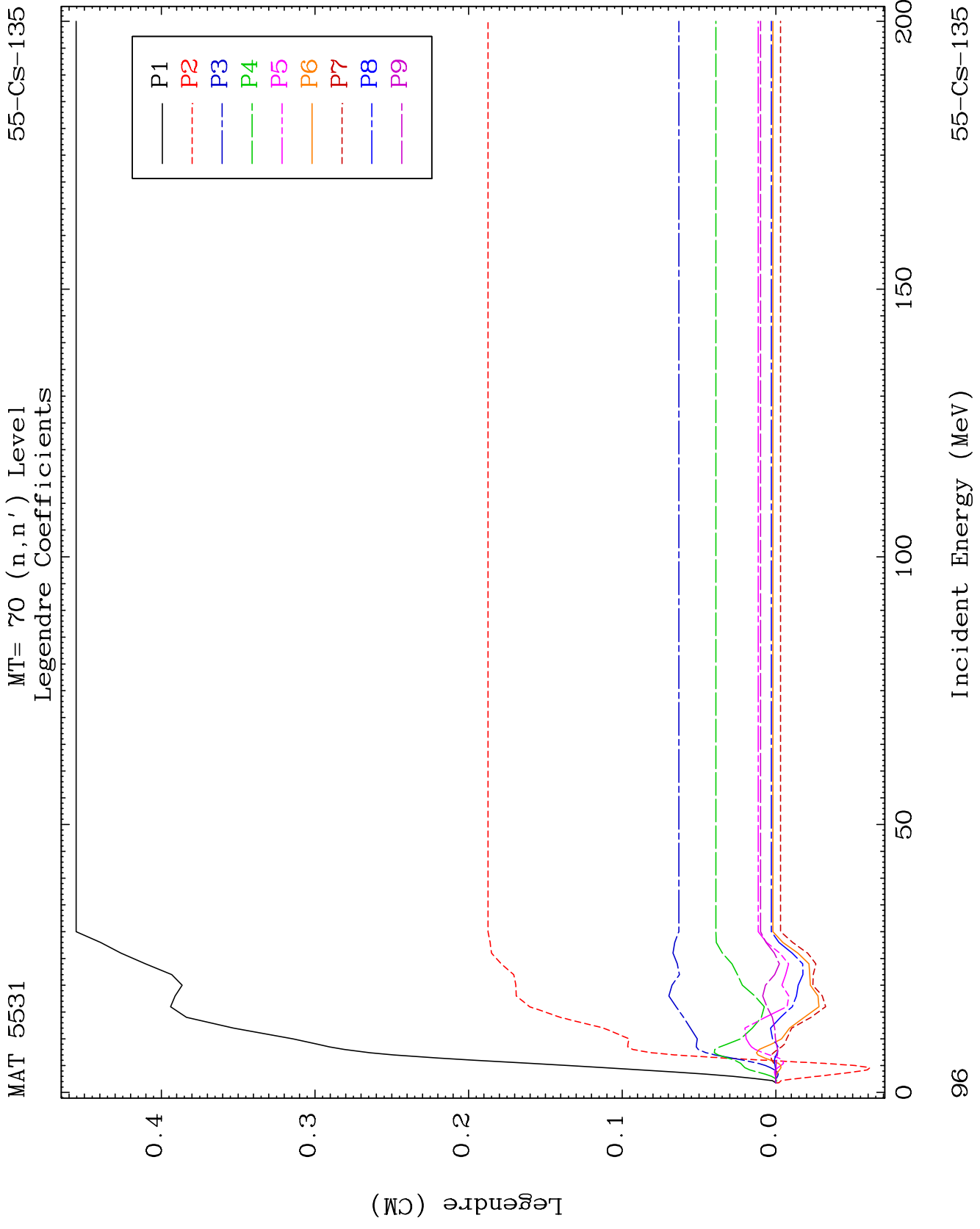
55-Cs-135

MAT 5531

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

55-Cs-135

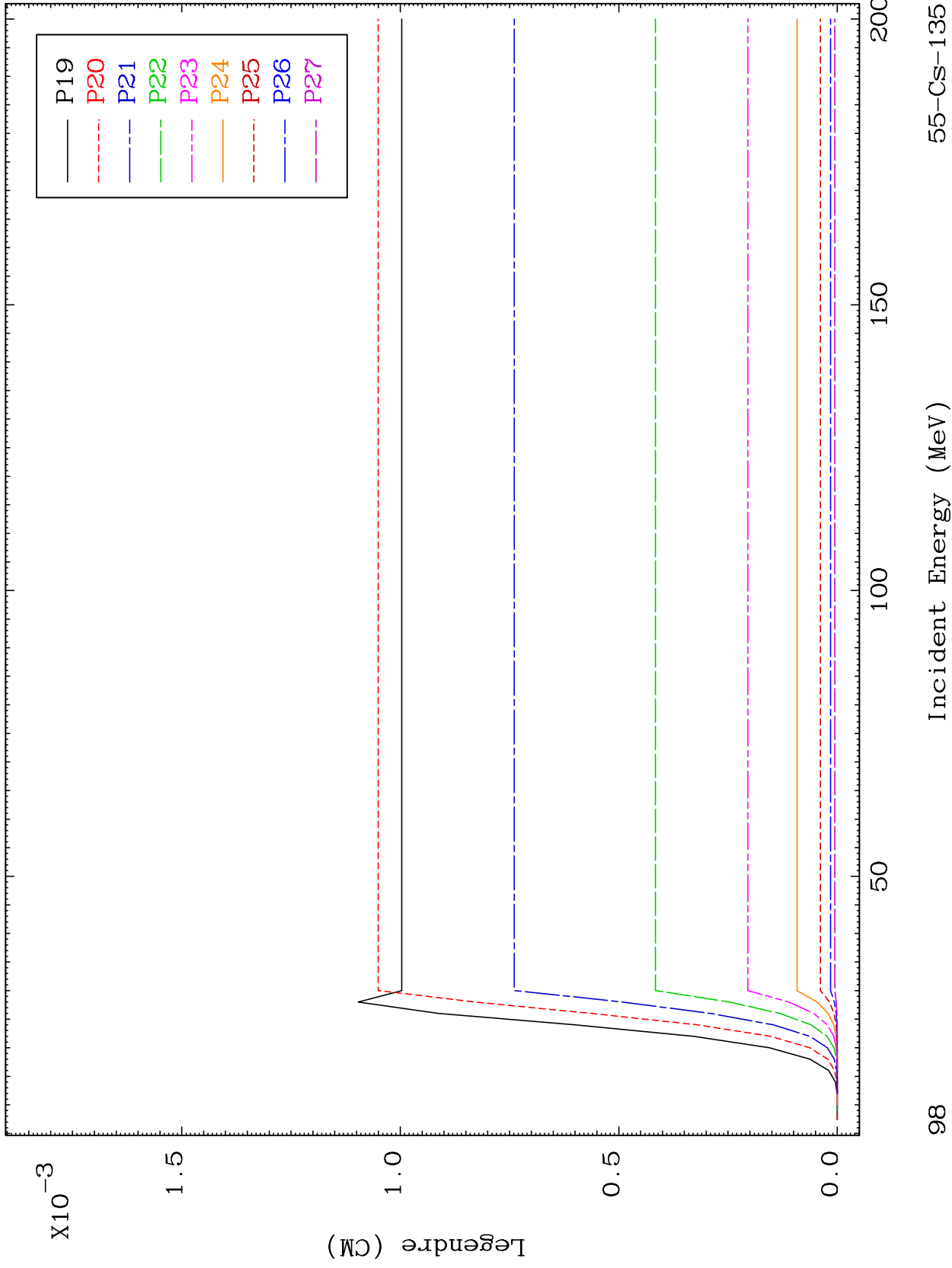




MAT 5531

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

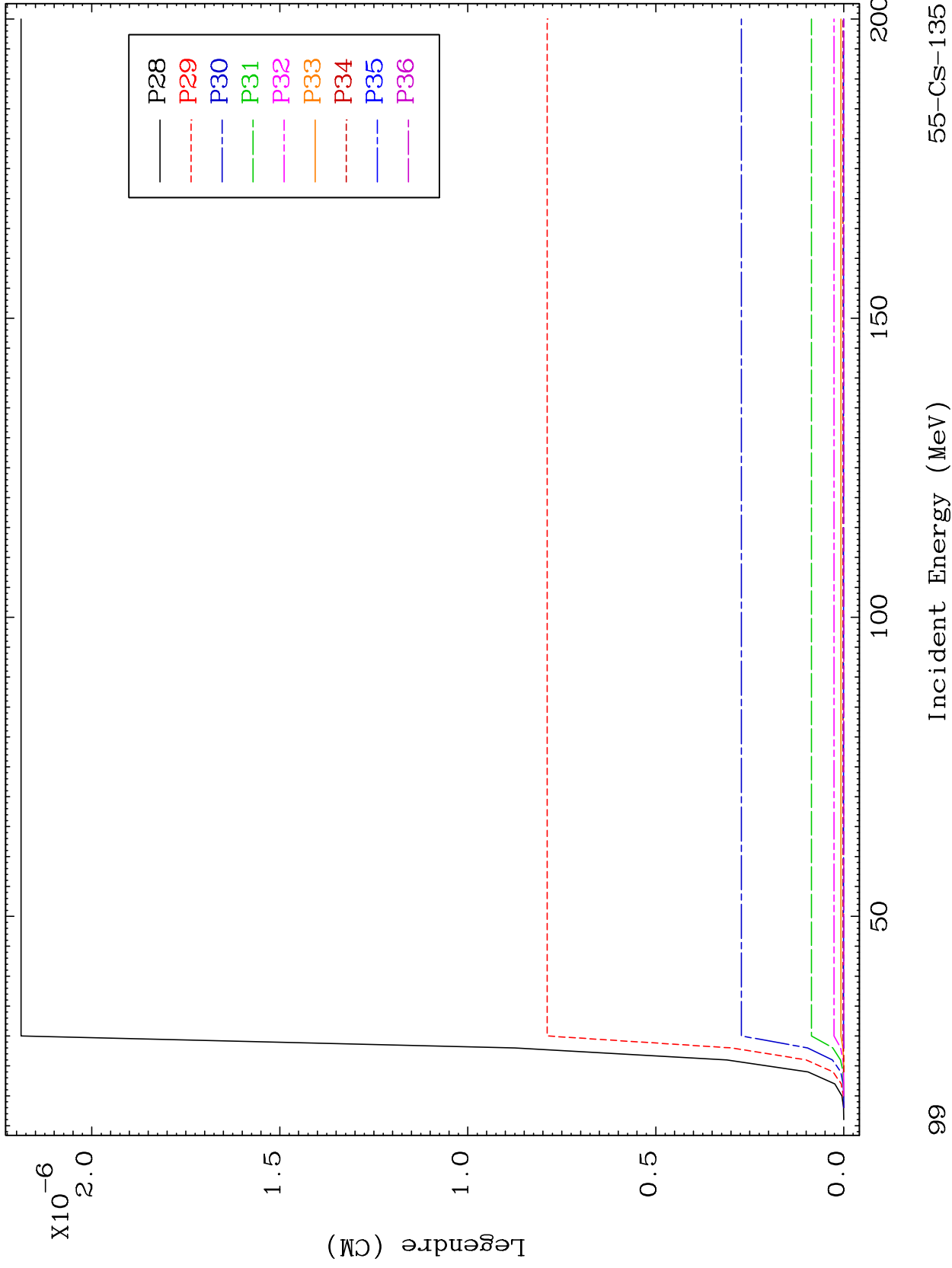
55-Cs-135



MAT 5531

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

55-Cs-135



99

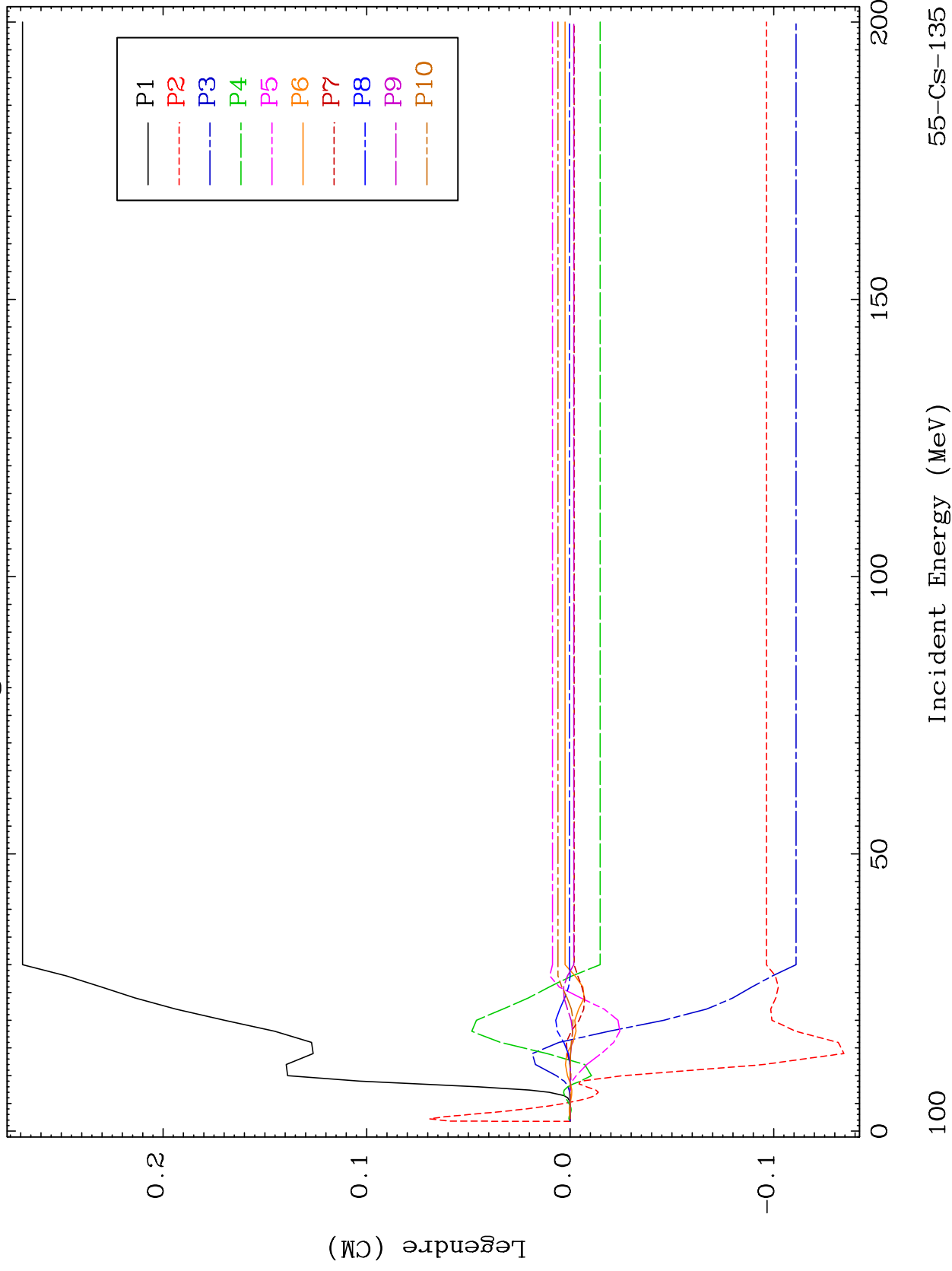
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

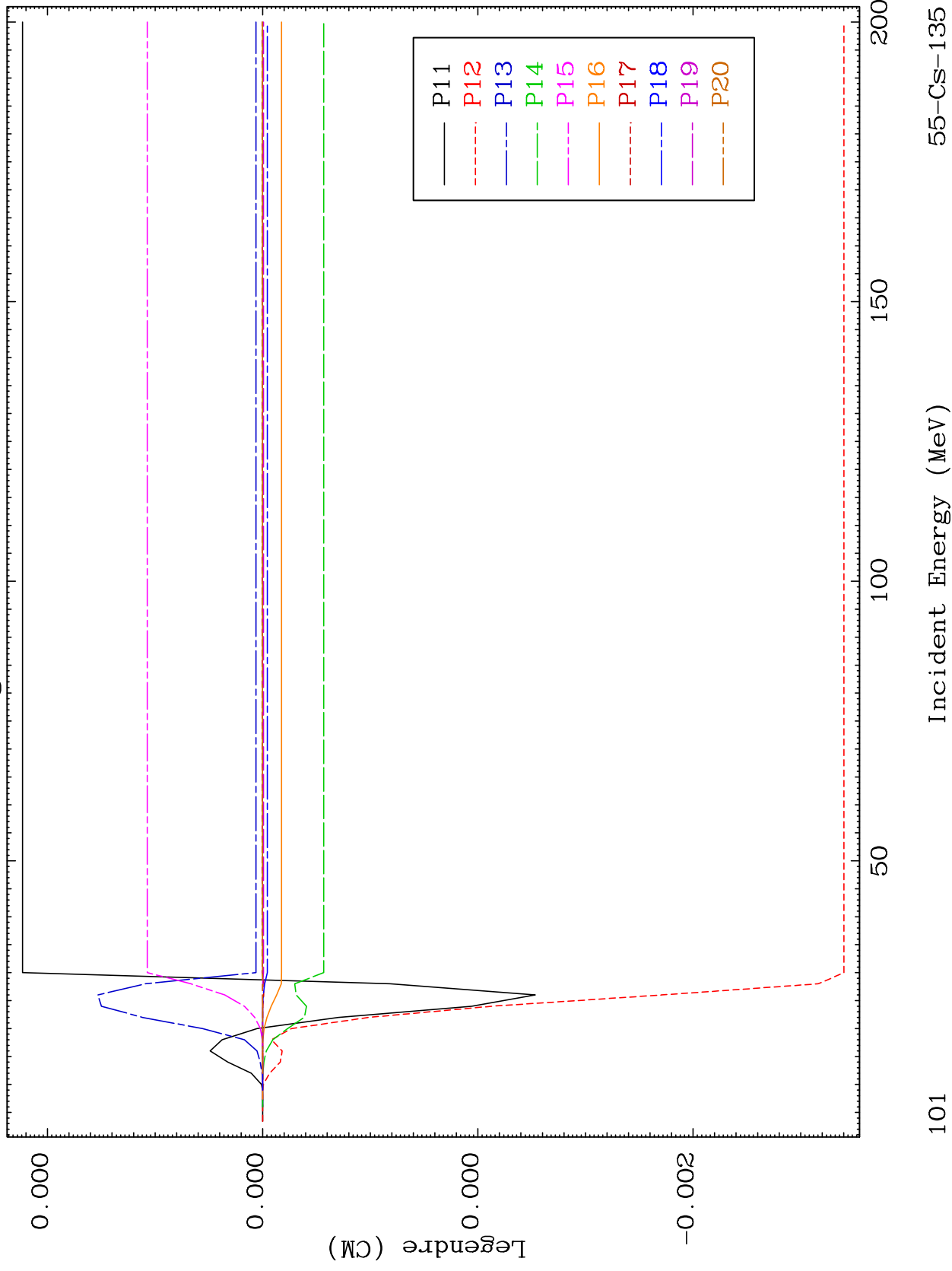
55-Cs-135



MAT 5531

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

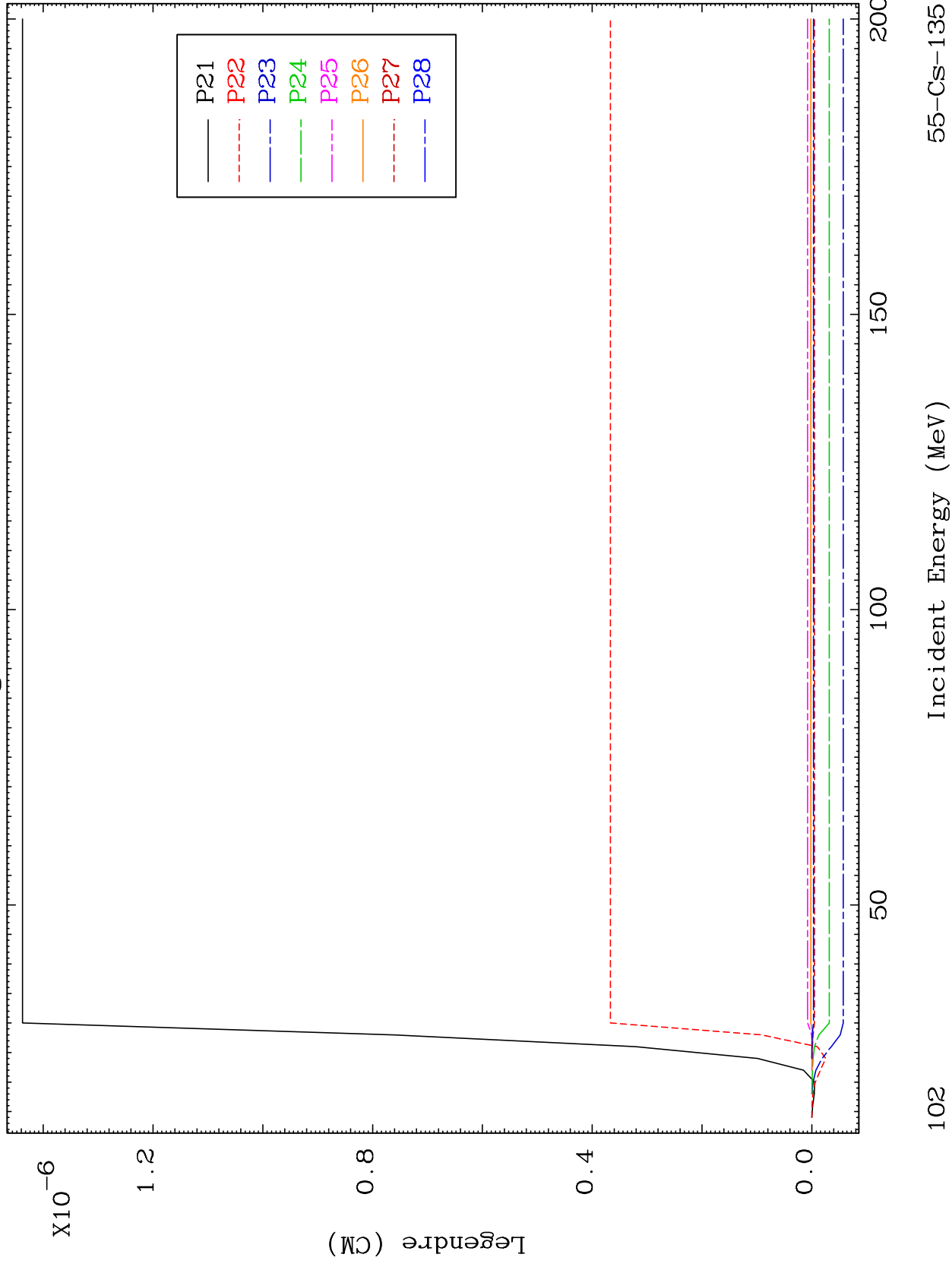
55-Cs-135

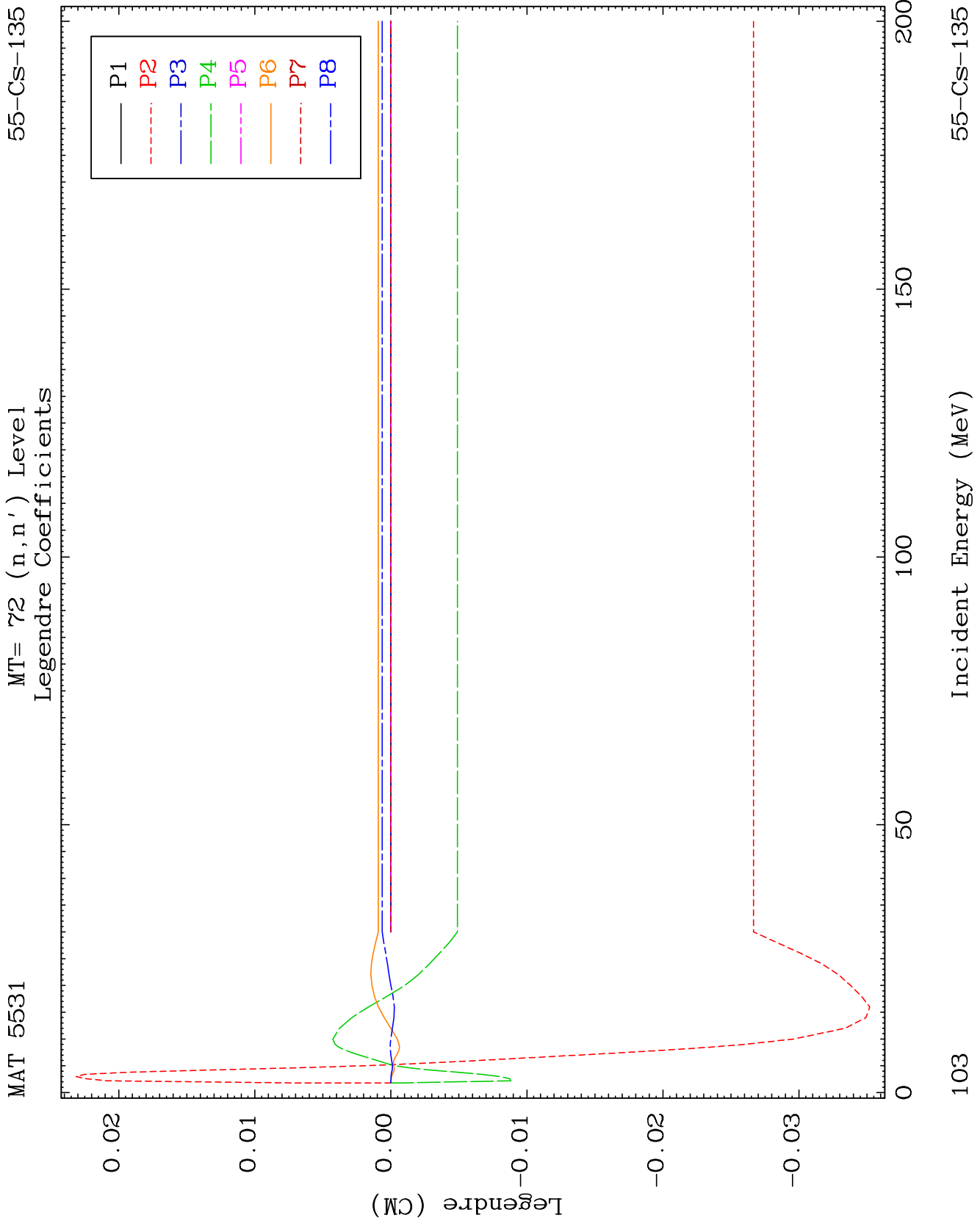


MAT 5531

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

55-Cs-135

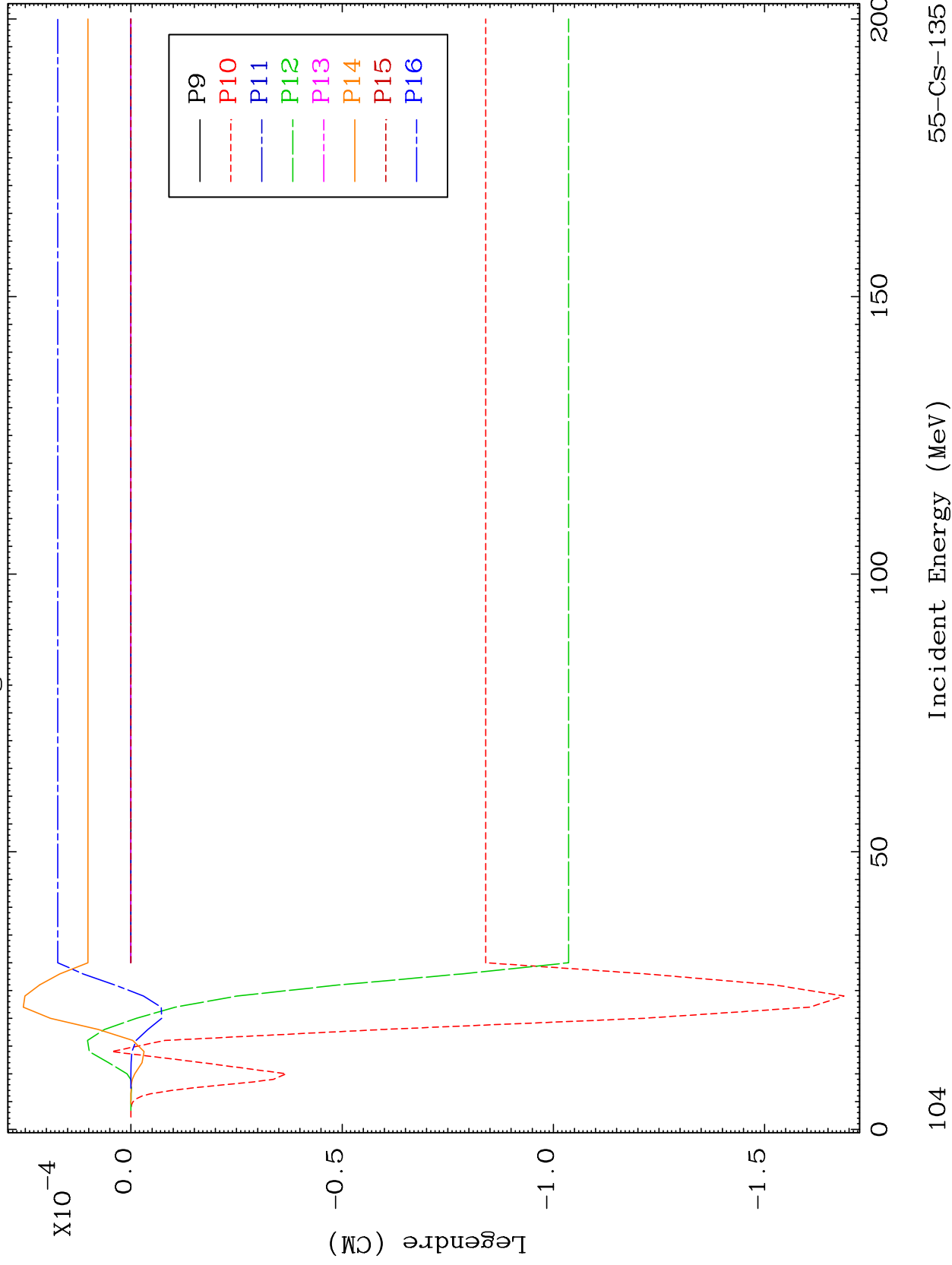




MAT 5531

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

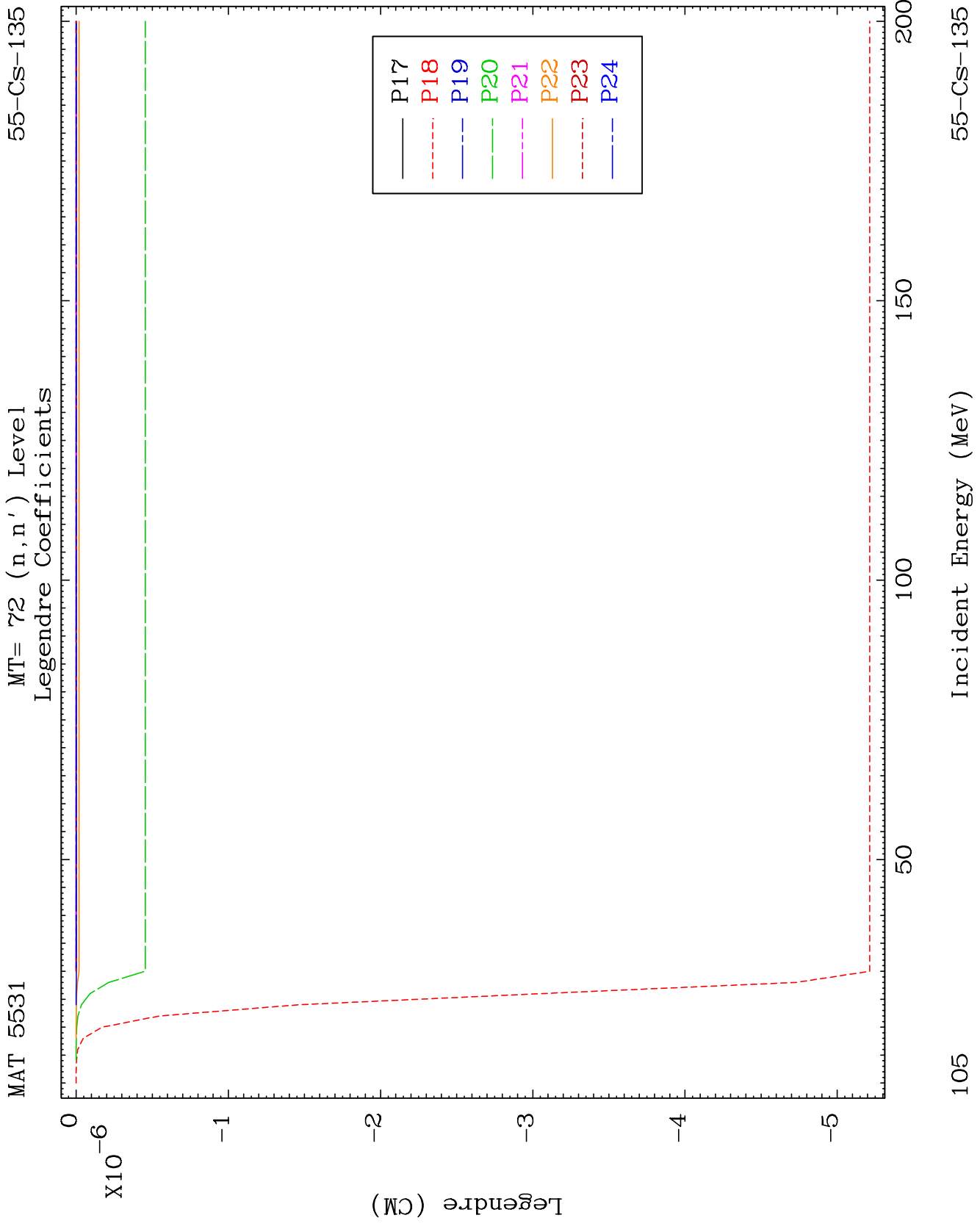
55-Cs-135

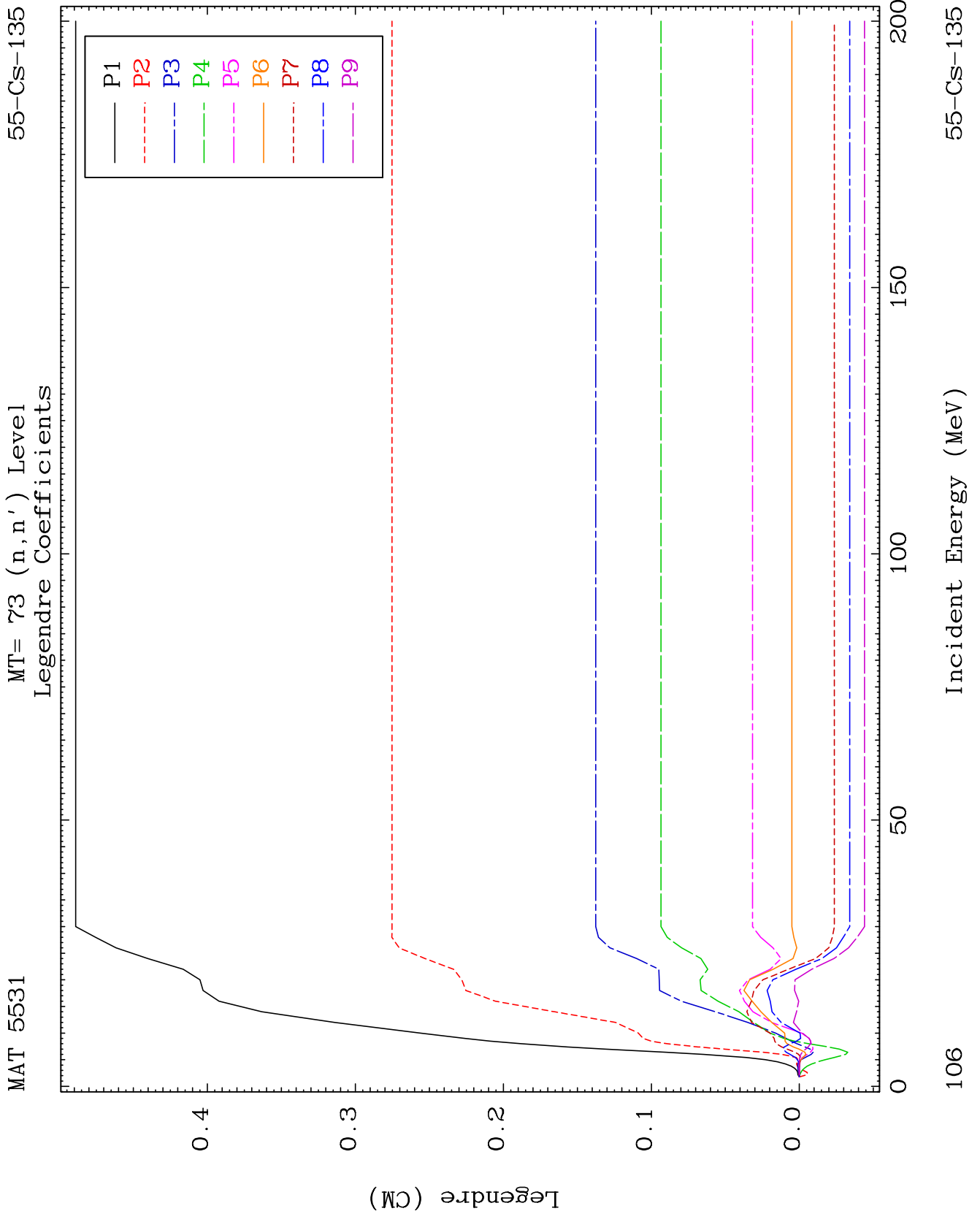


55-Cs-135

Incident Energy (MeV)

104

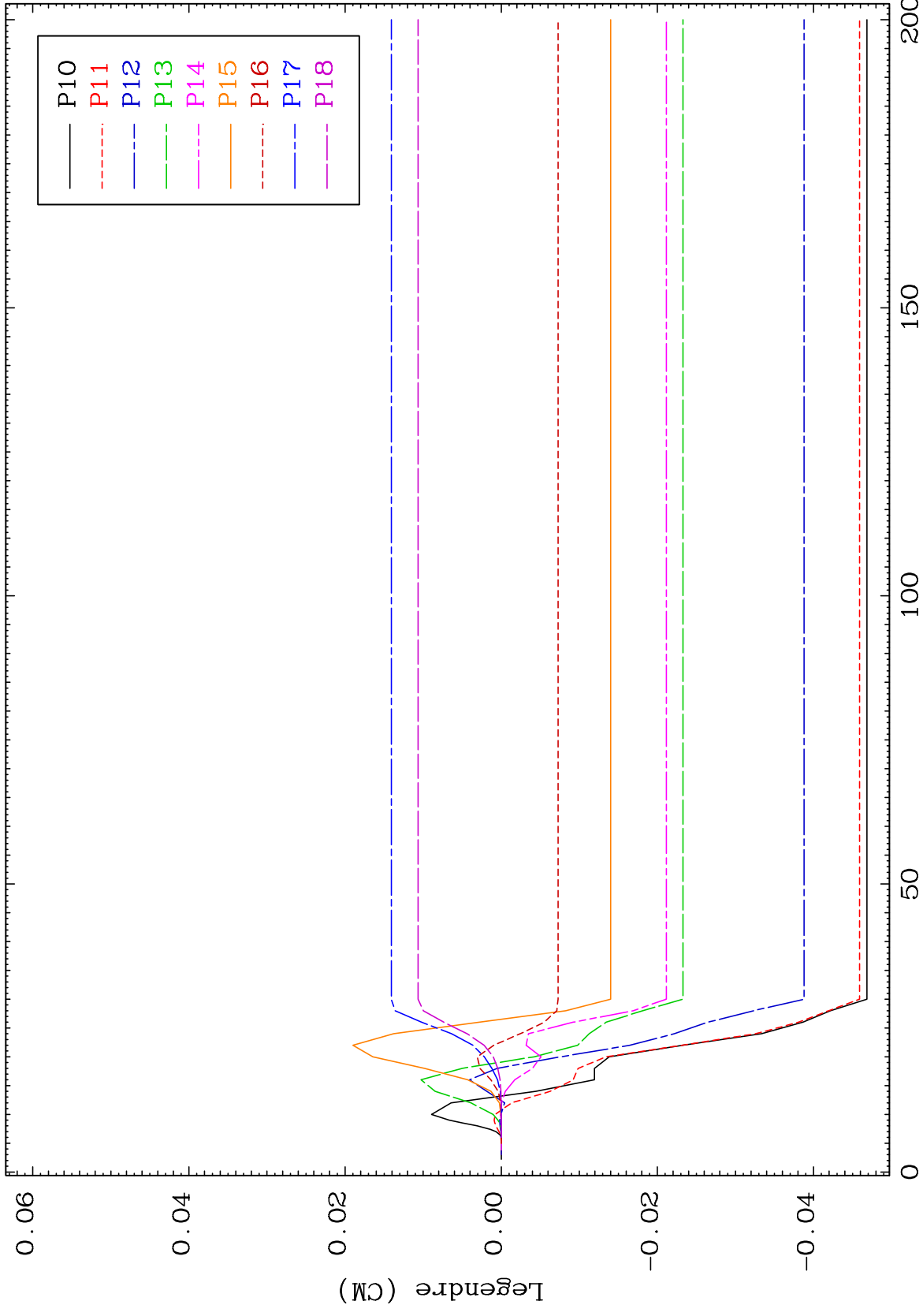




MAT 5531

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

55-Cs-135



107

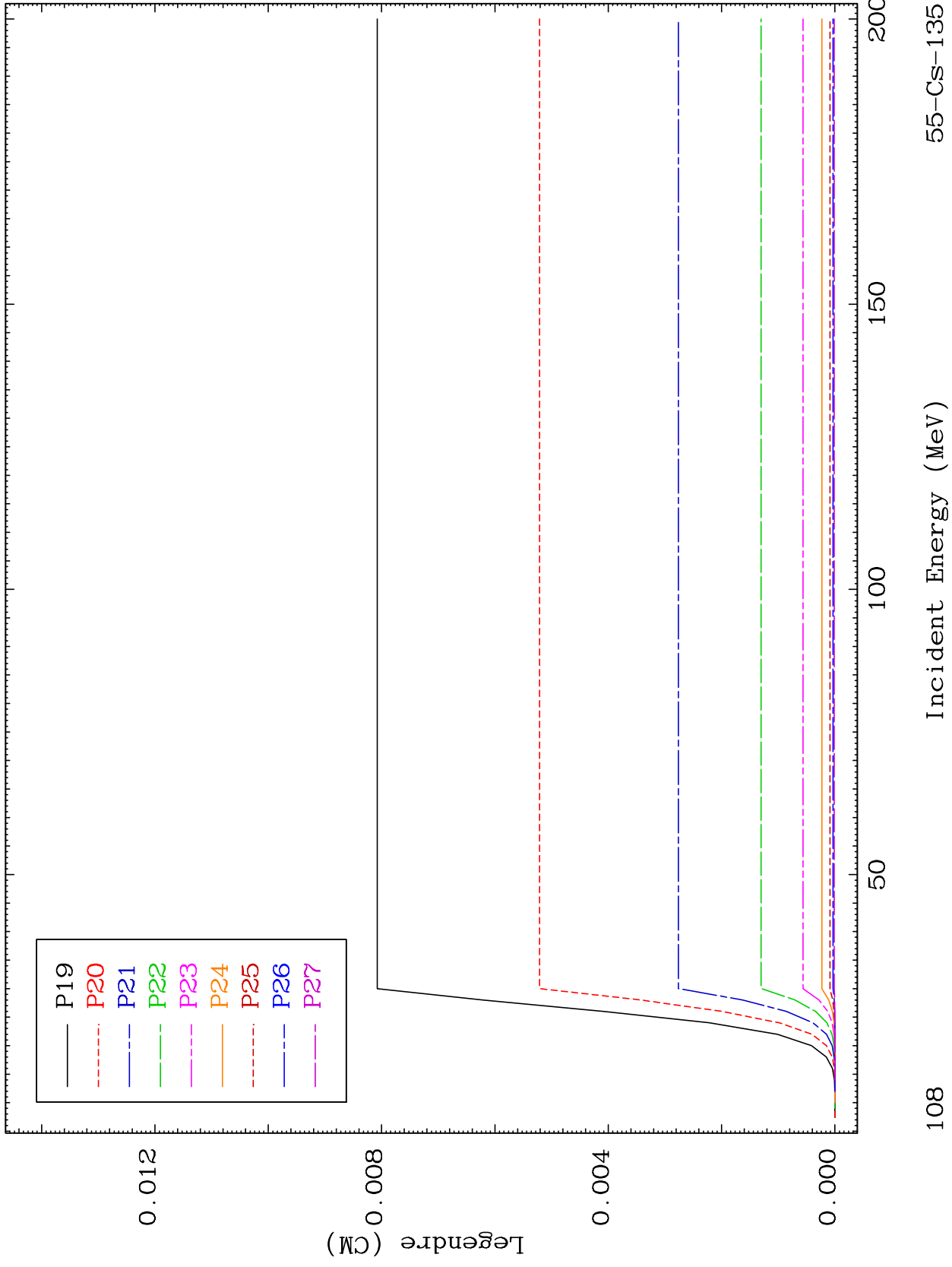
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

55-Cs-135



108

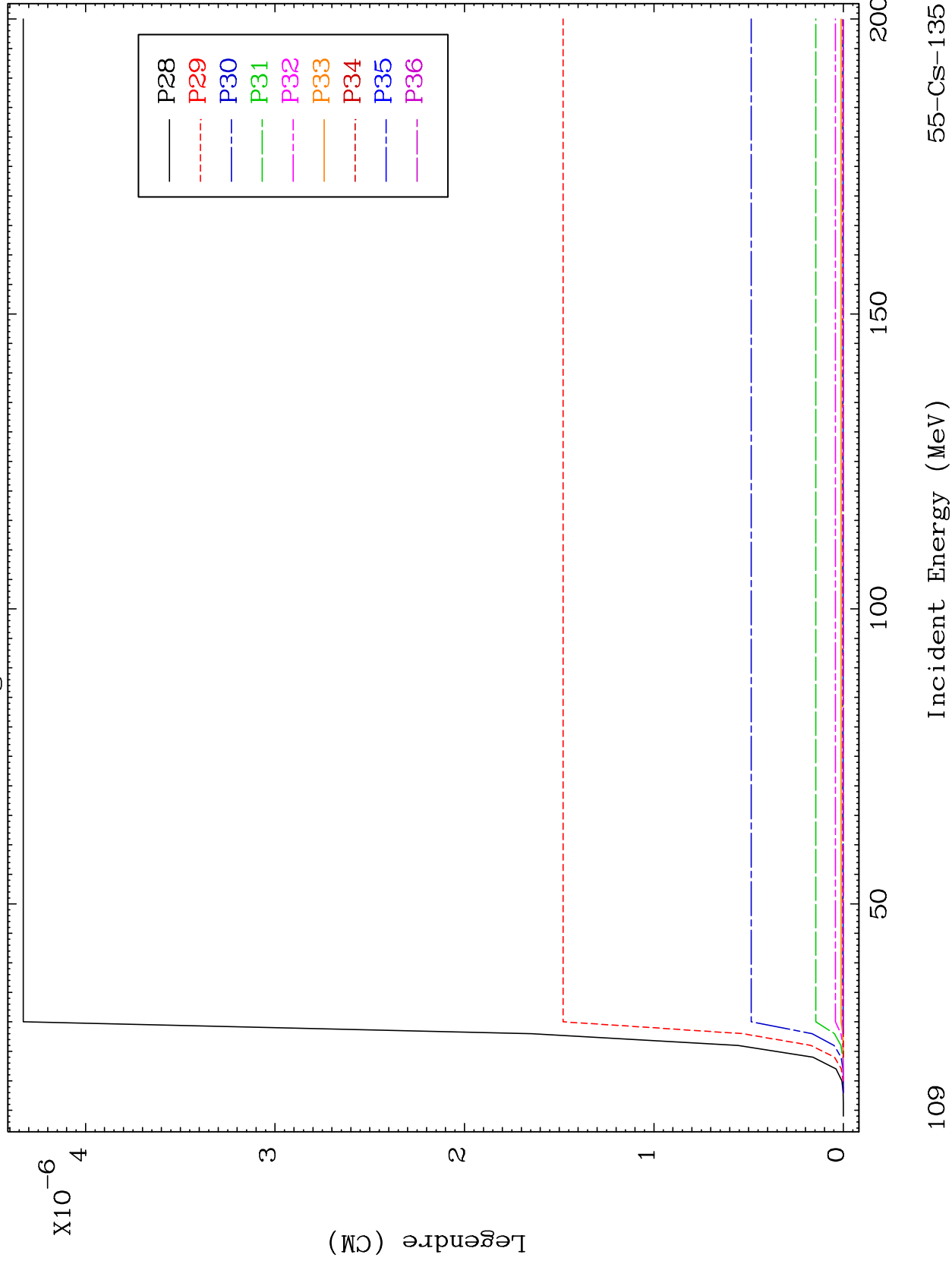
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

55-Cs-135

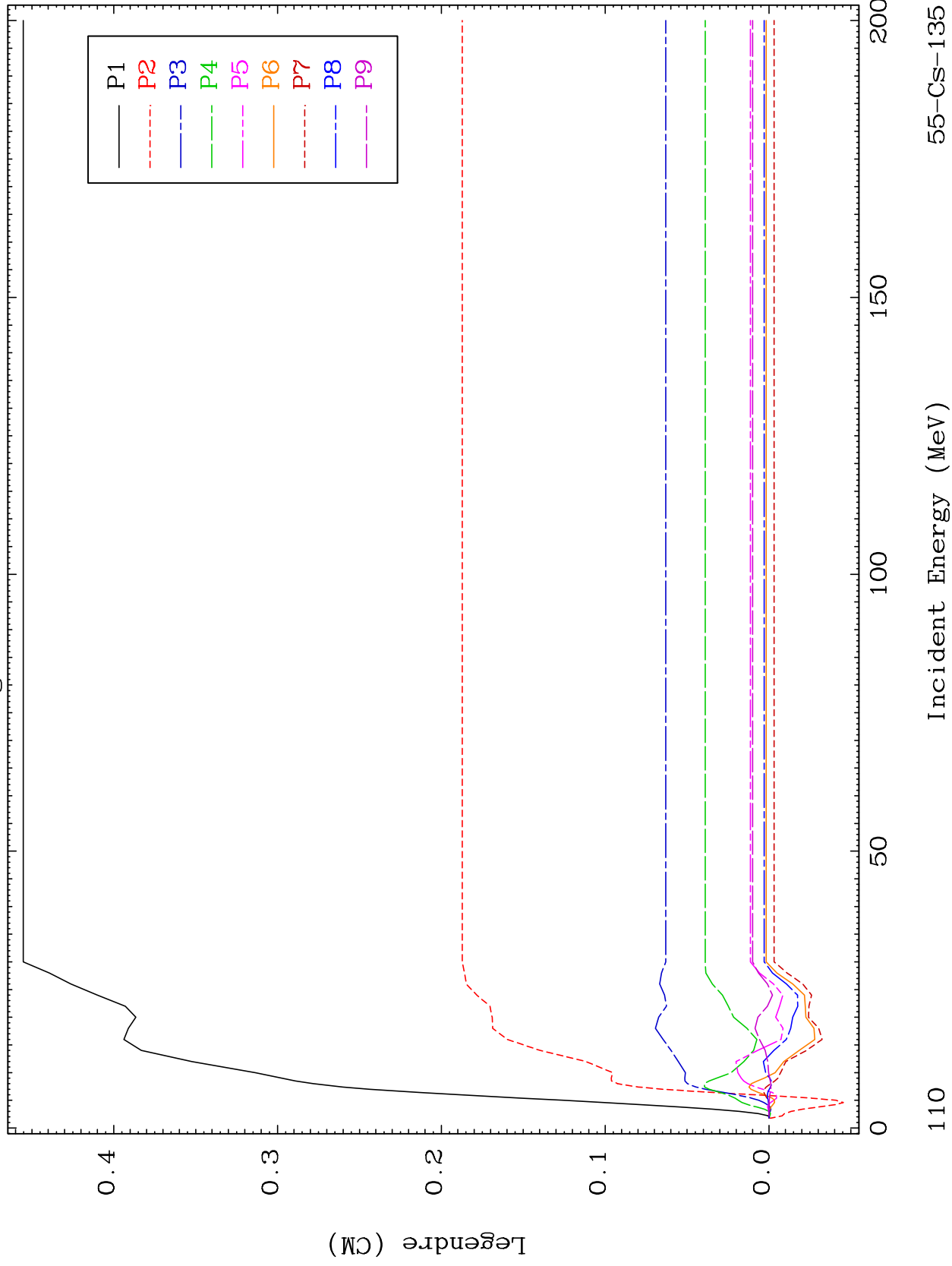


109

MAT 5531

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

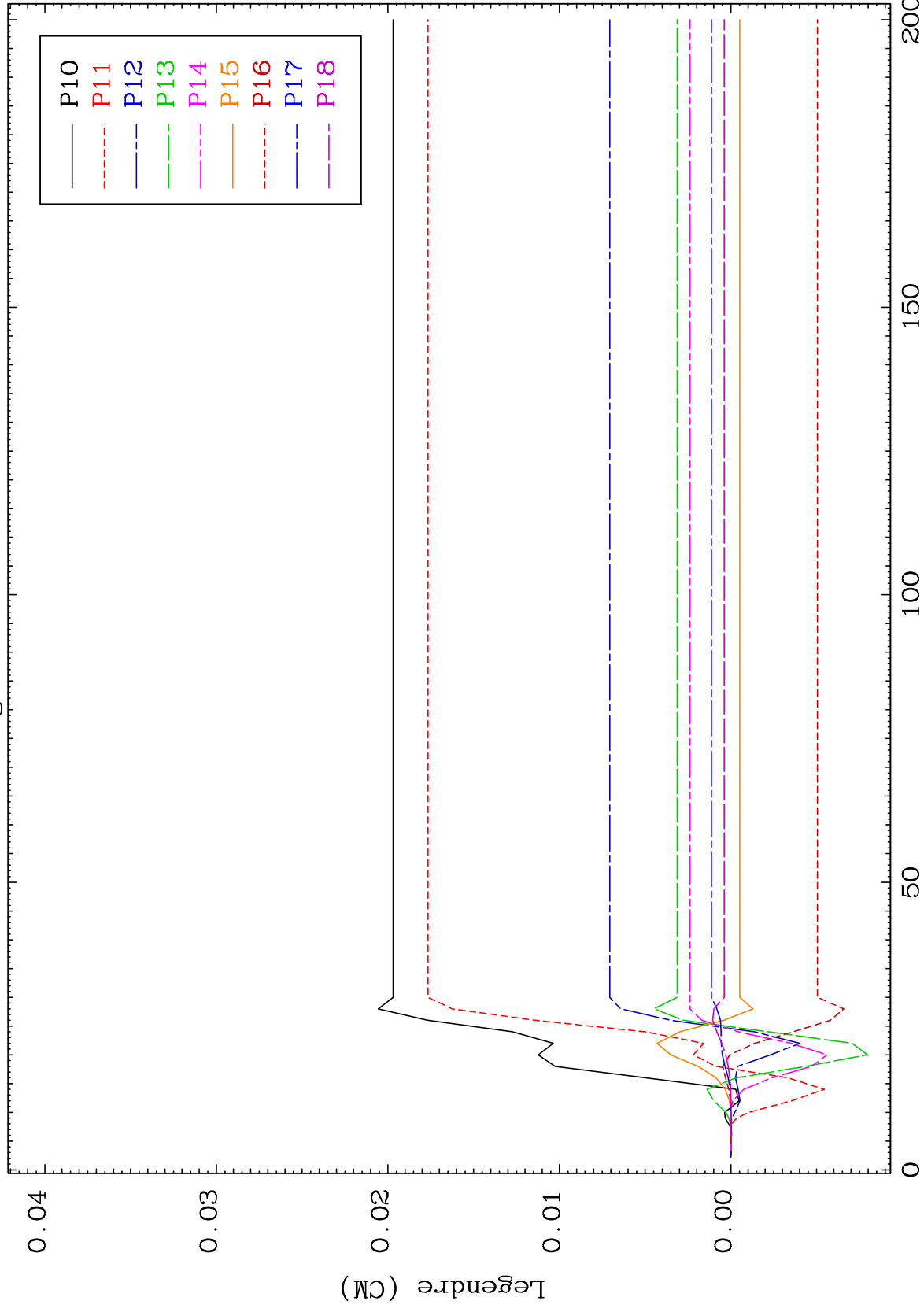
55-Cs-135



MAT 5531

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

55-Cs-135



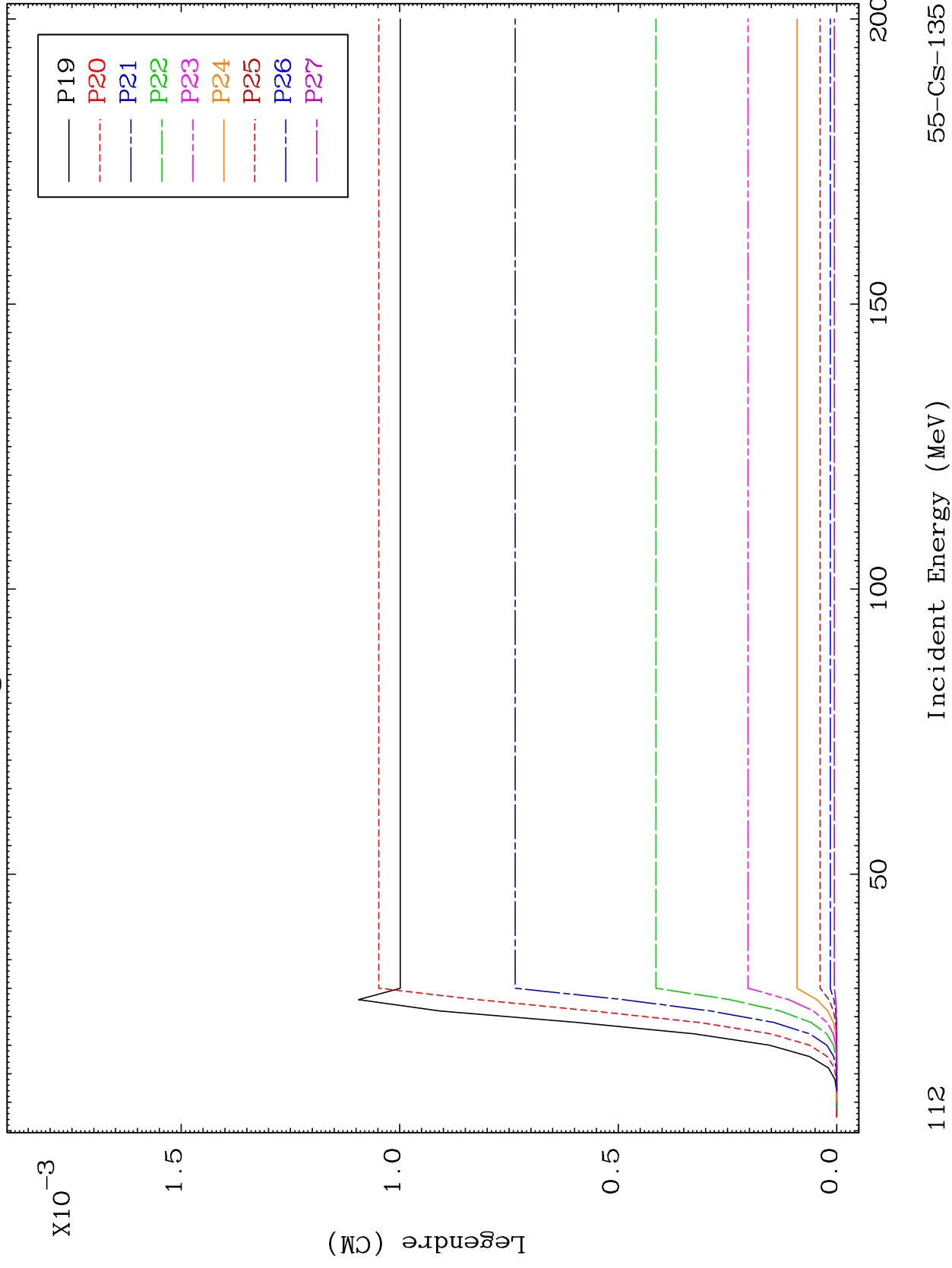
111

55-Cs-135

MAT 5531

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

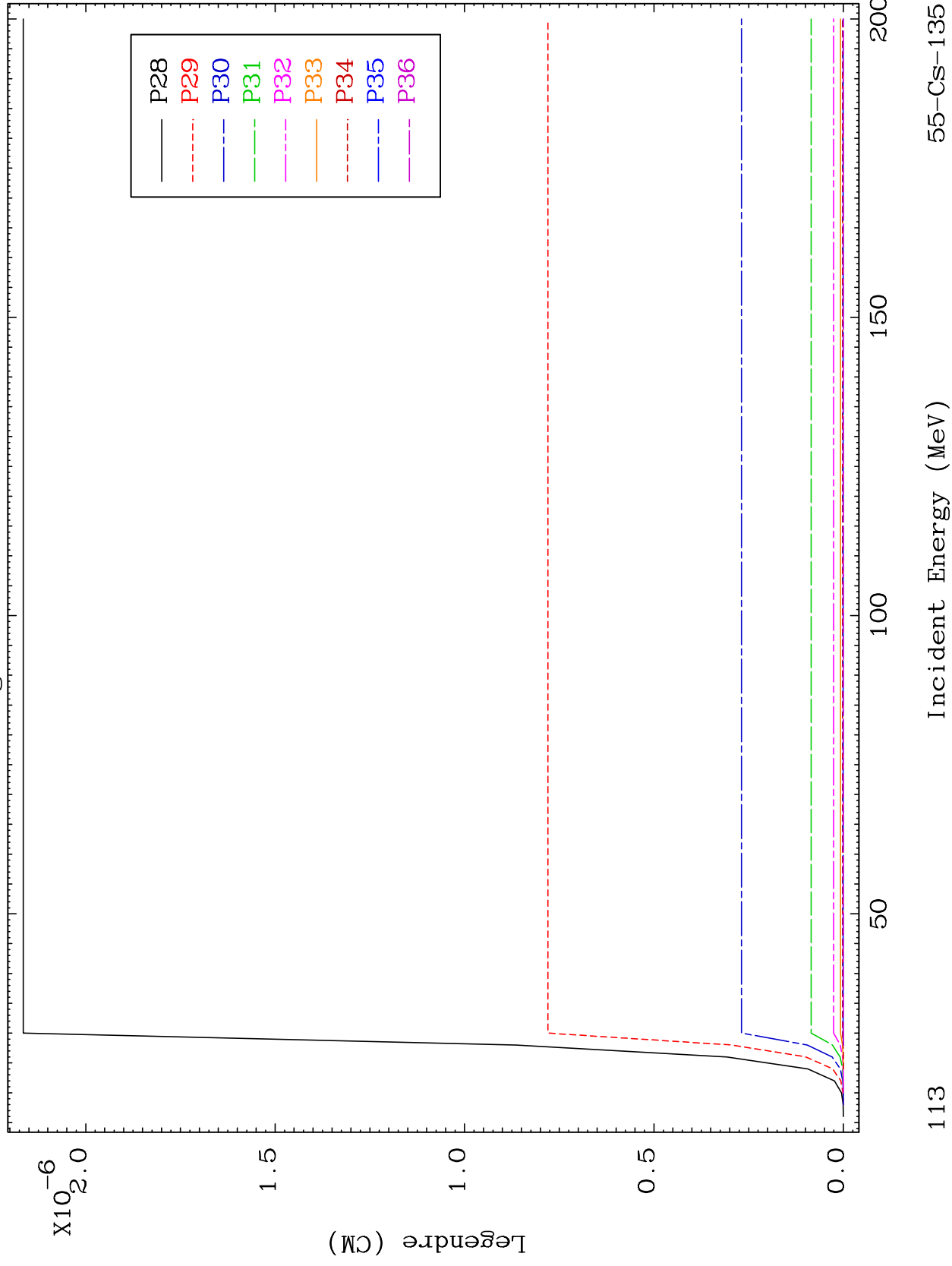
55-Cs-135



MAT 5531

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

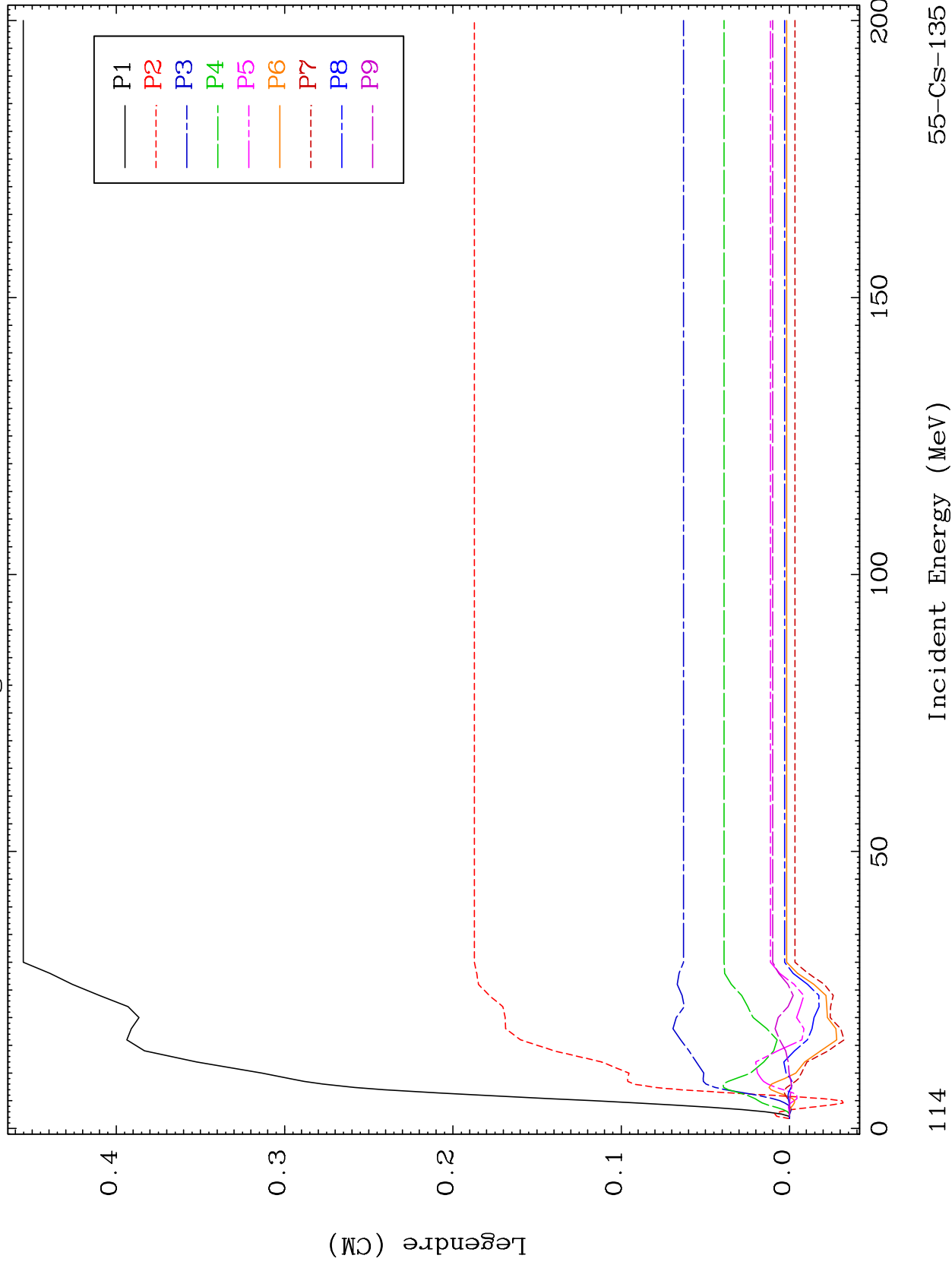
55-Cs-135



MAT 5531

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

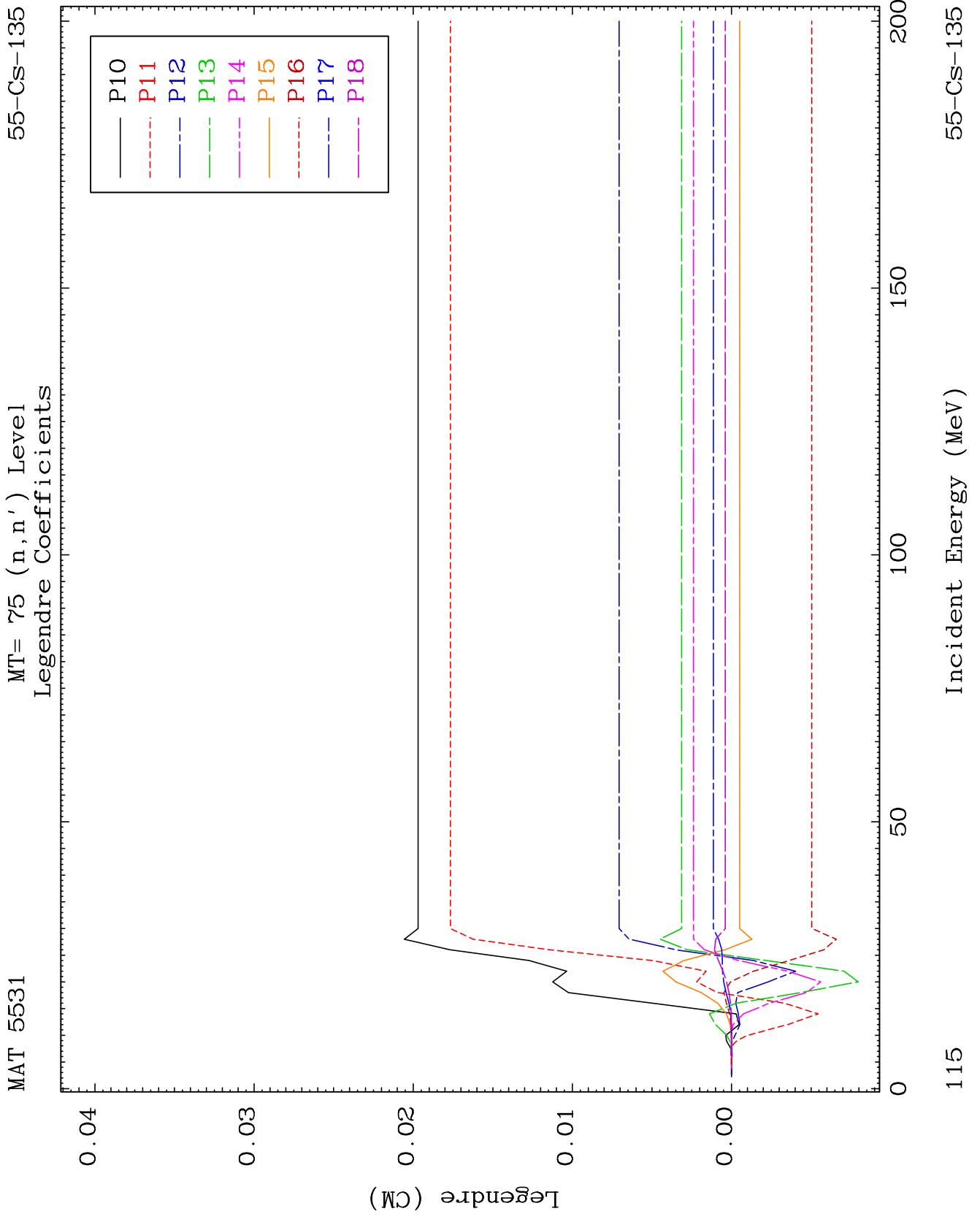
55-Cs-135



55-Cs-135

Incident Energy (MeV)

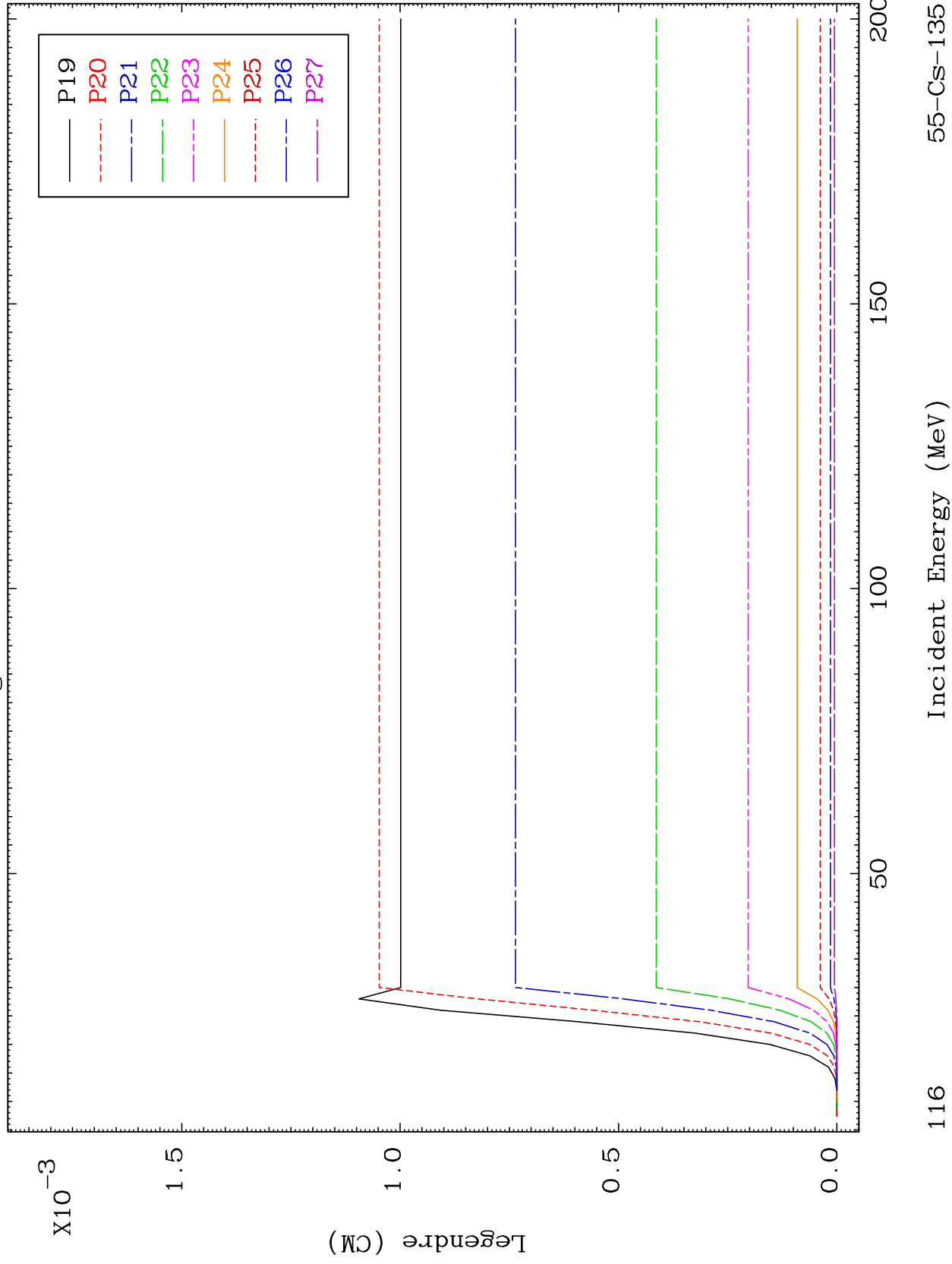
114



MAT 5531

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

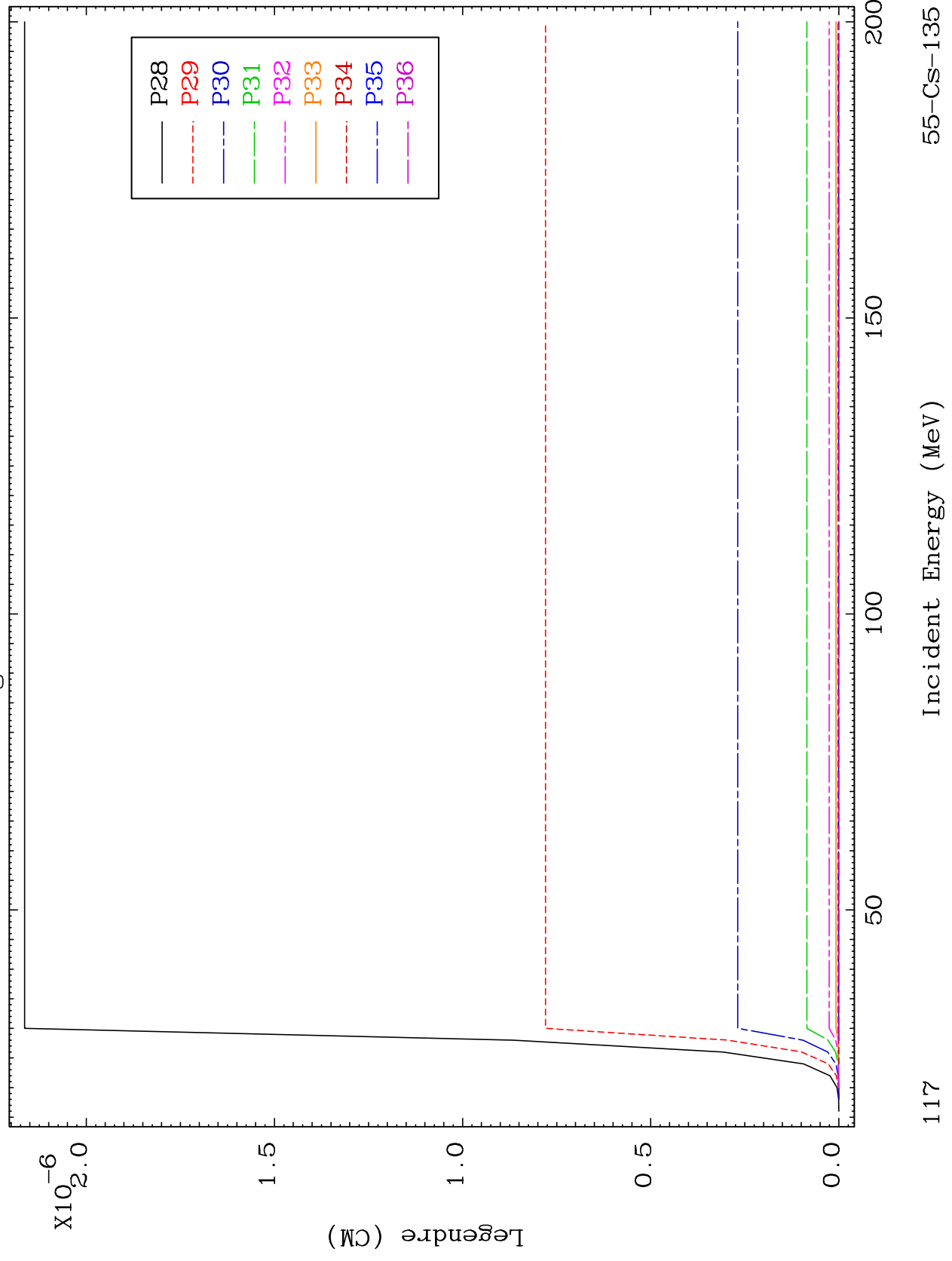
55-Cs-135



MAT 5531

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

55-Cs-135



55-Cs-135

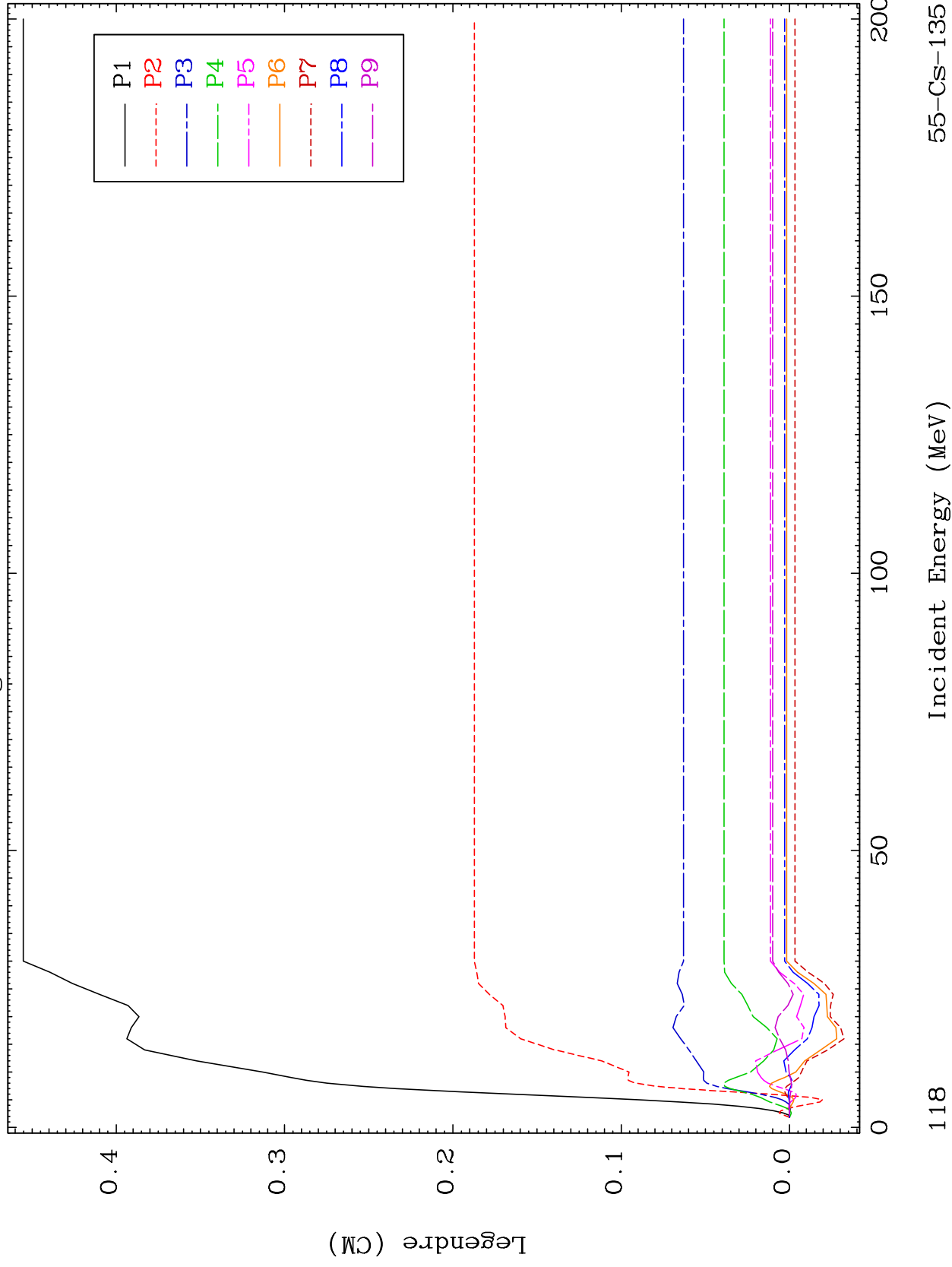
Incident Energy (MeV)

117

MAT 5531

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

55-Cs-135



55-Cs-135

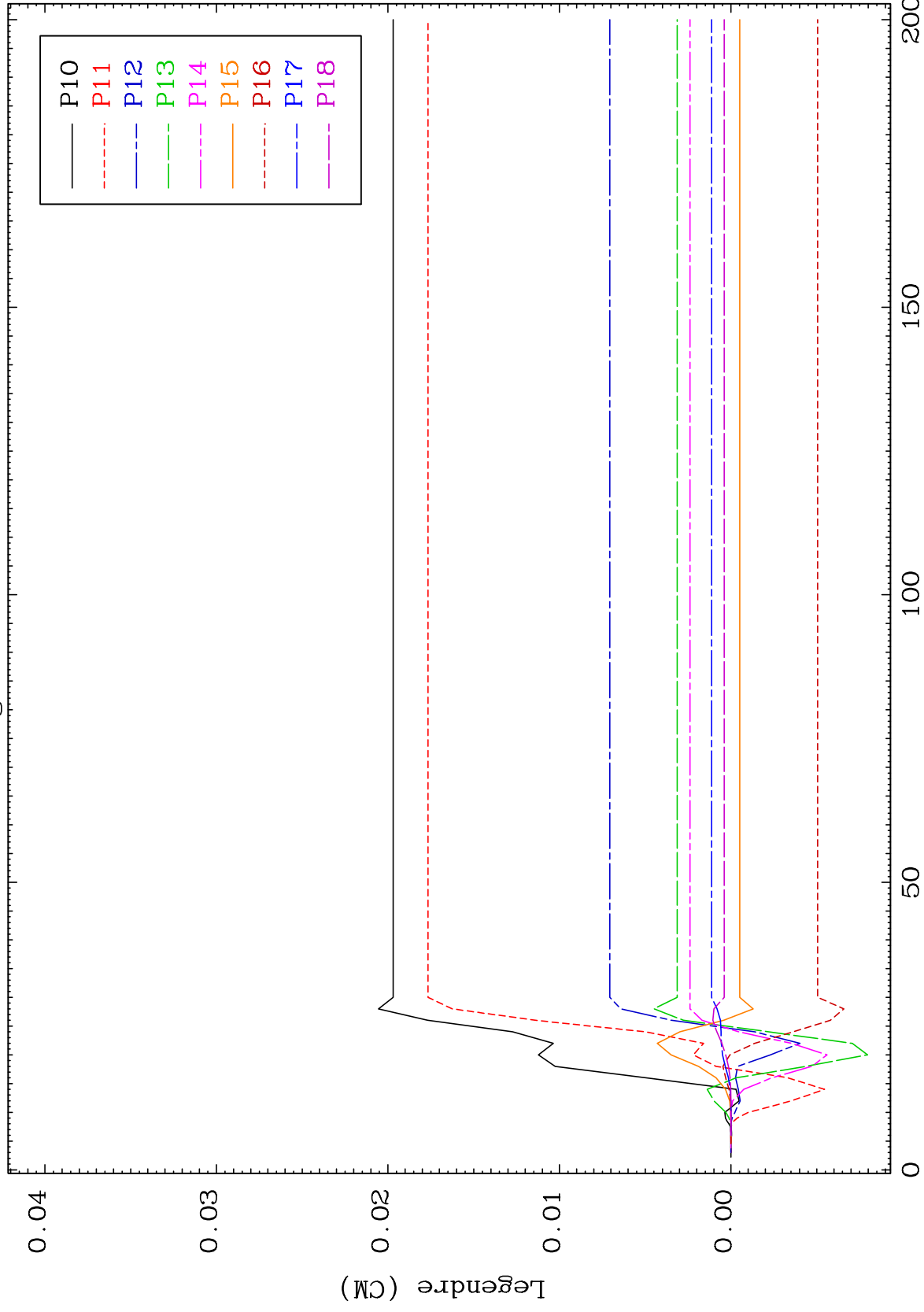
Incident Energy (MeV)

118

MAT 5531

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

55-Cs-135



119

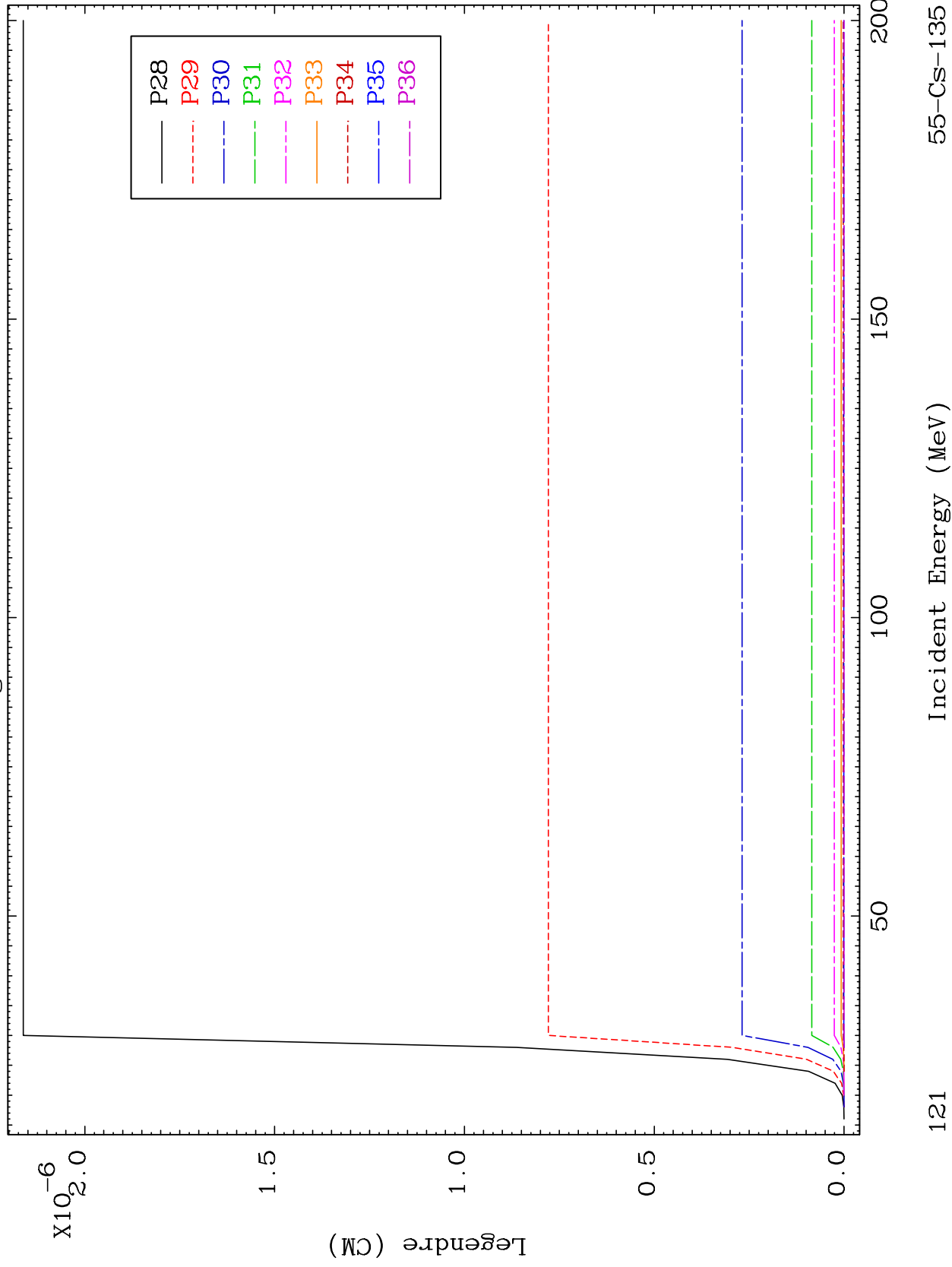
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

55-Cs-135



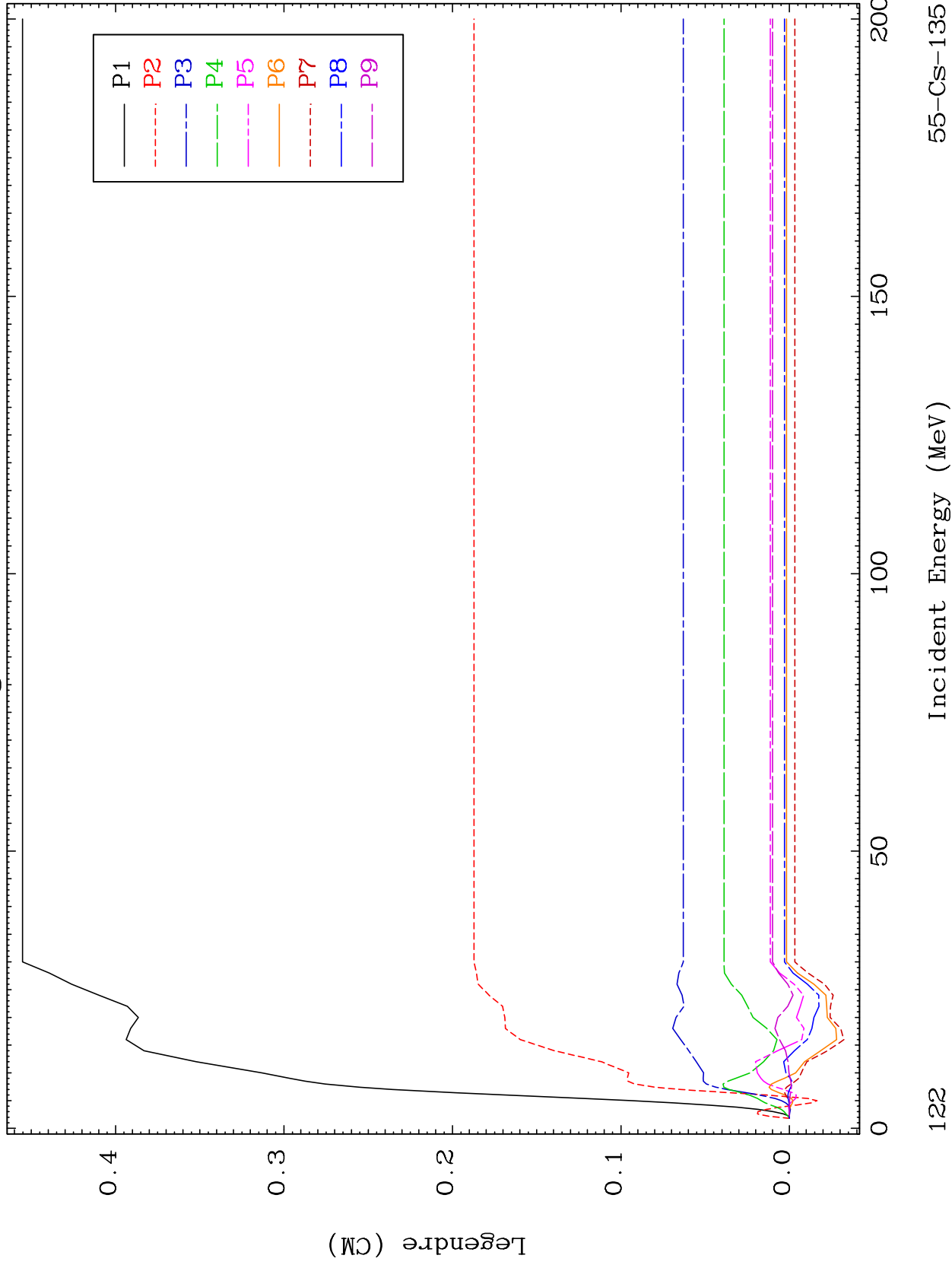
121

55-Cs-135

MAT 5531

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

55-Cs-135



55-Cs-135

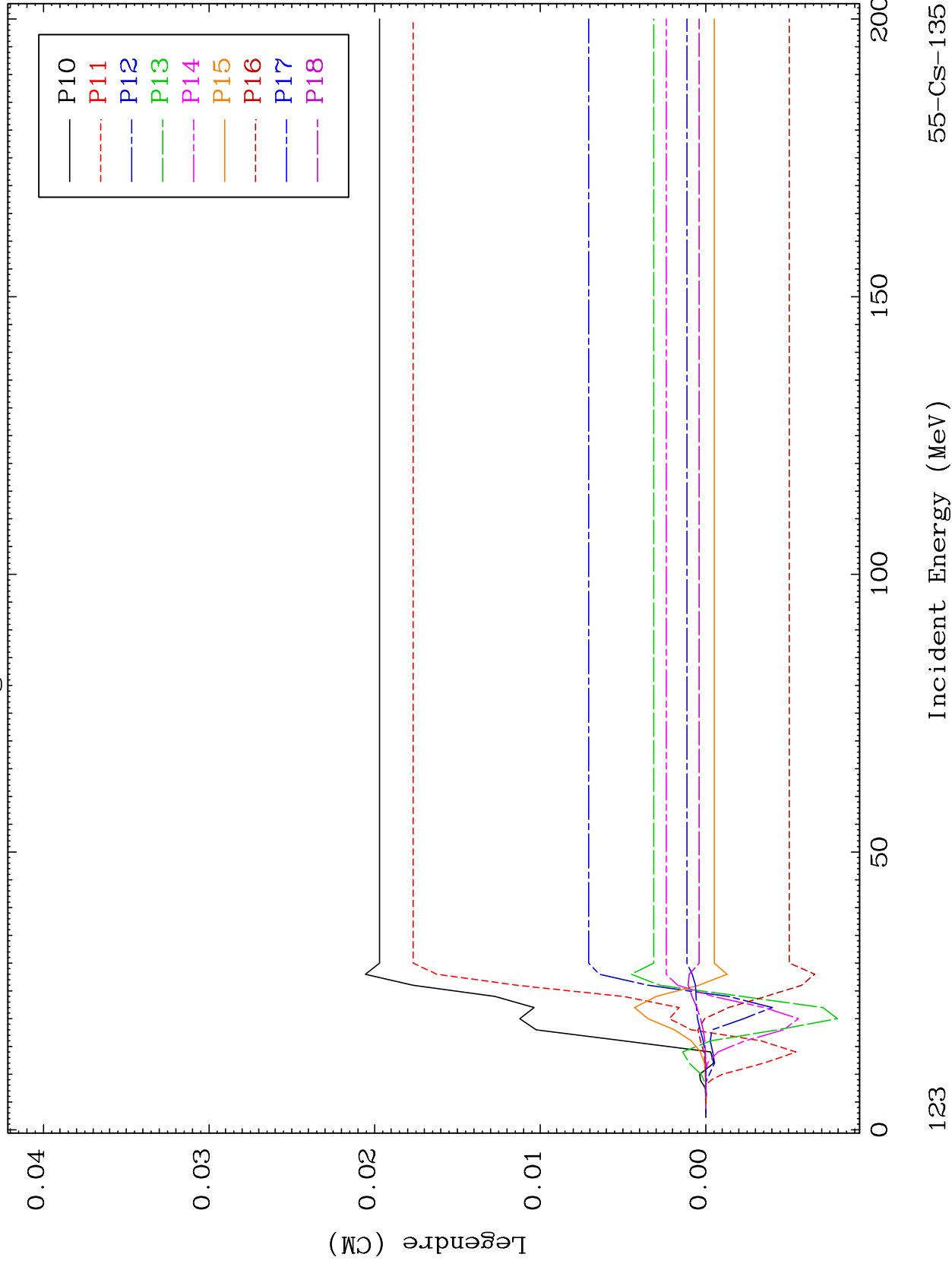
Incident Energy (MeV)

122

MAT 5531

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

55-Cs-135



123

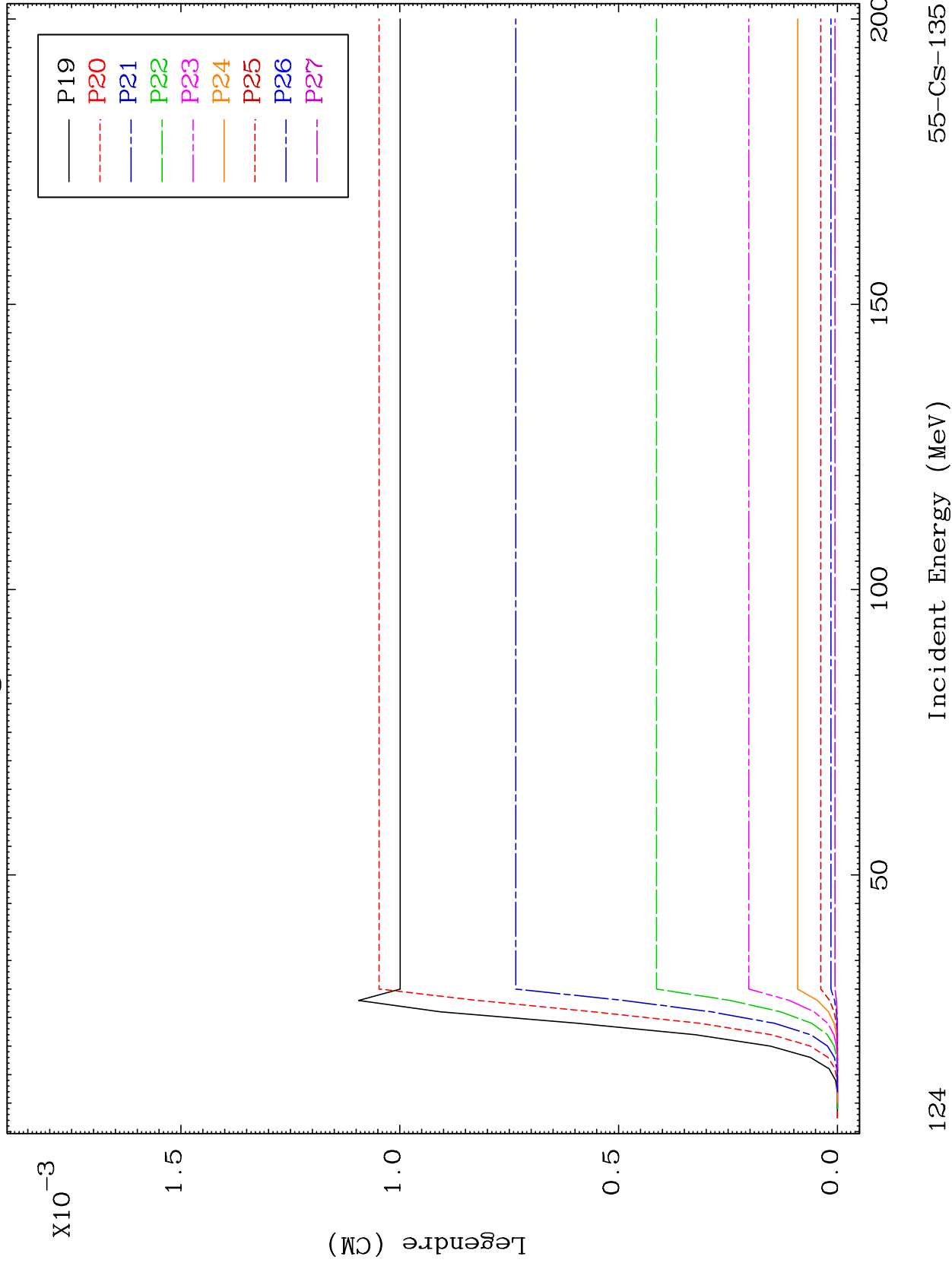
Incident Energy (MeV)

55-Cs-135

MAT 5531

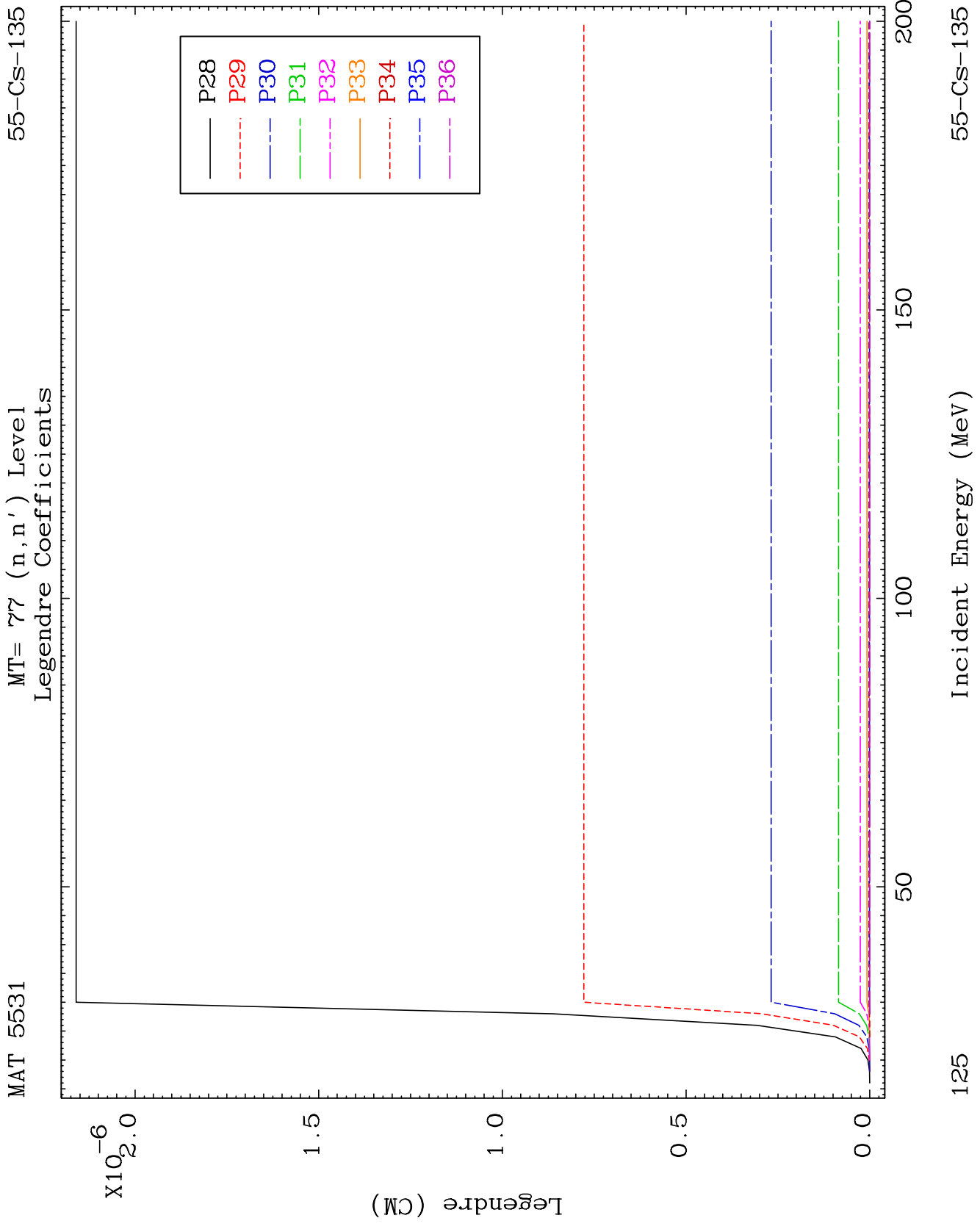
MT= 77 (n,n') Level
Legendre Coefficients

55-Cs-135



124

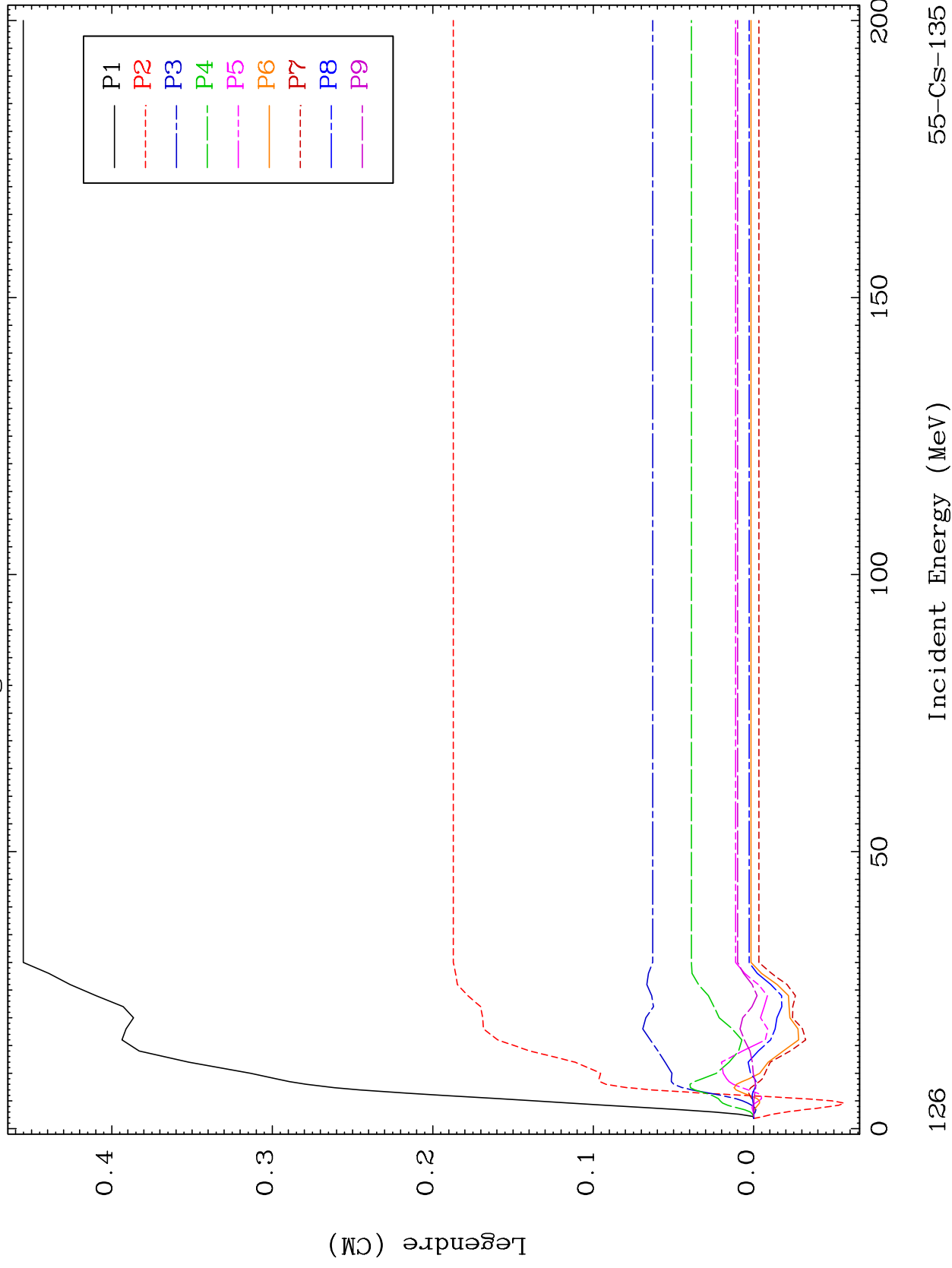
55-Cs-135



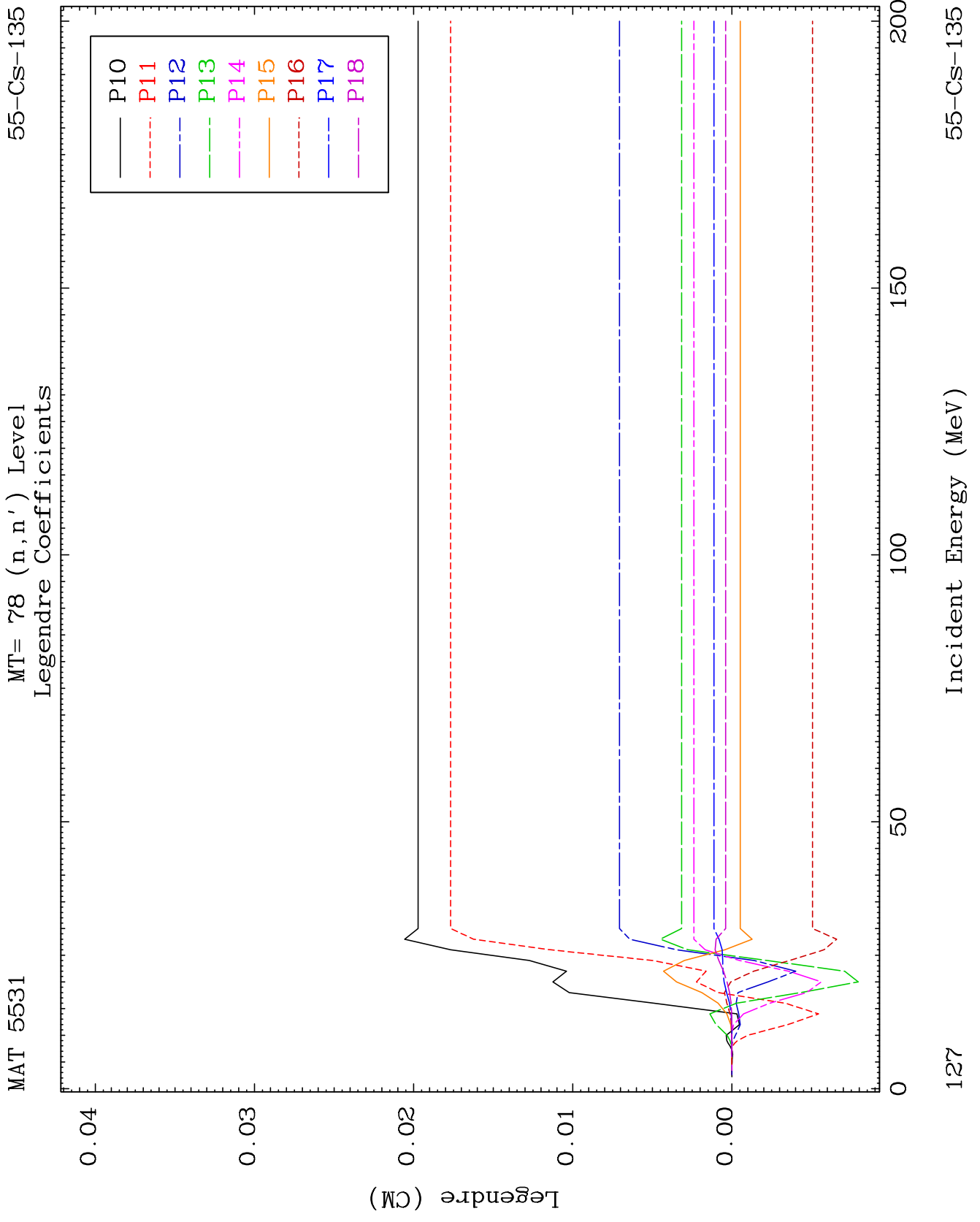
MAT 5531

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

55-Cs-135



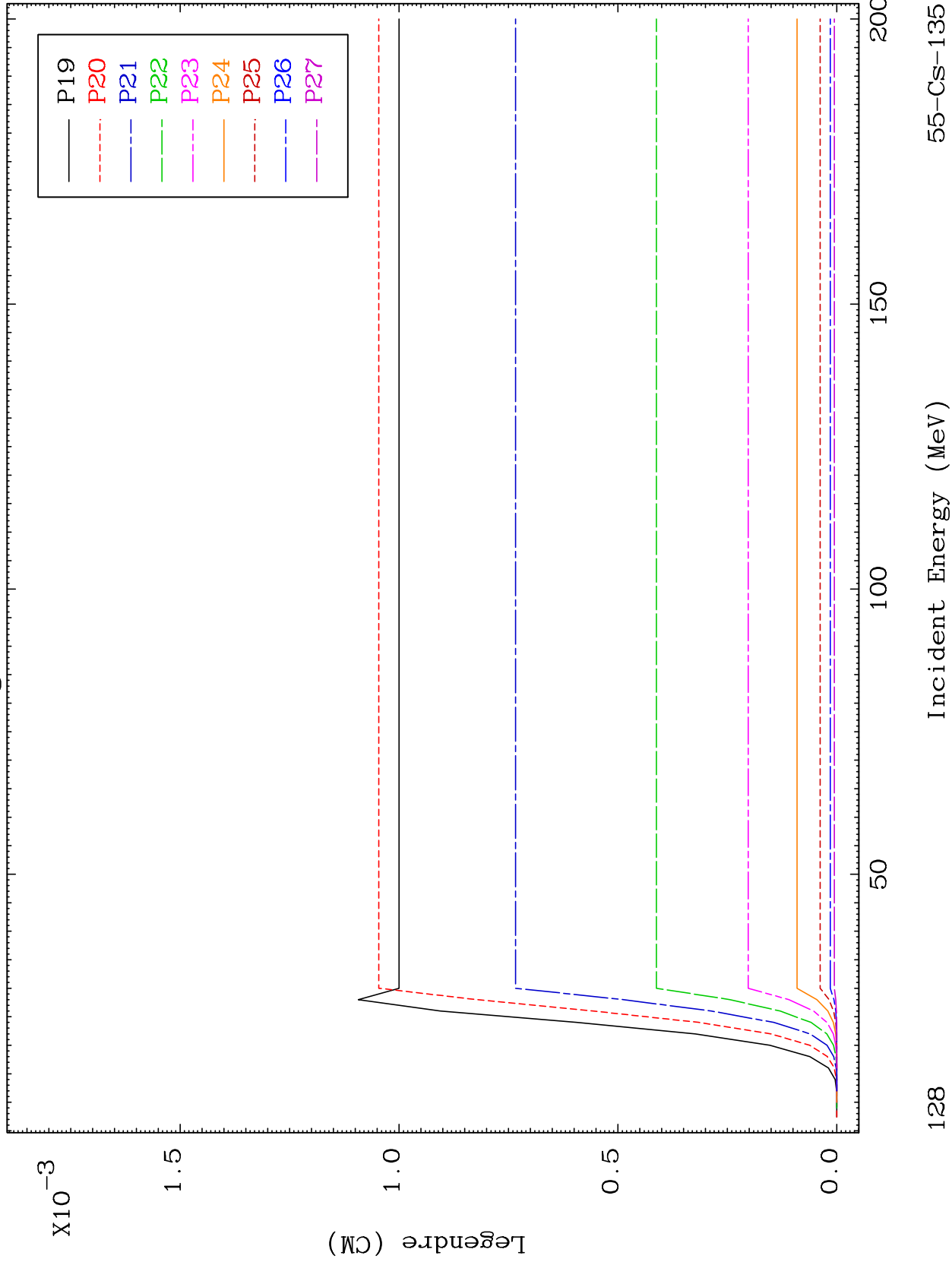
126



MAT 5531

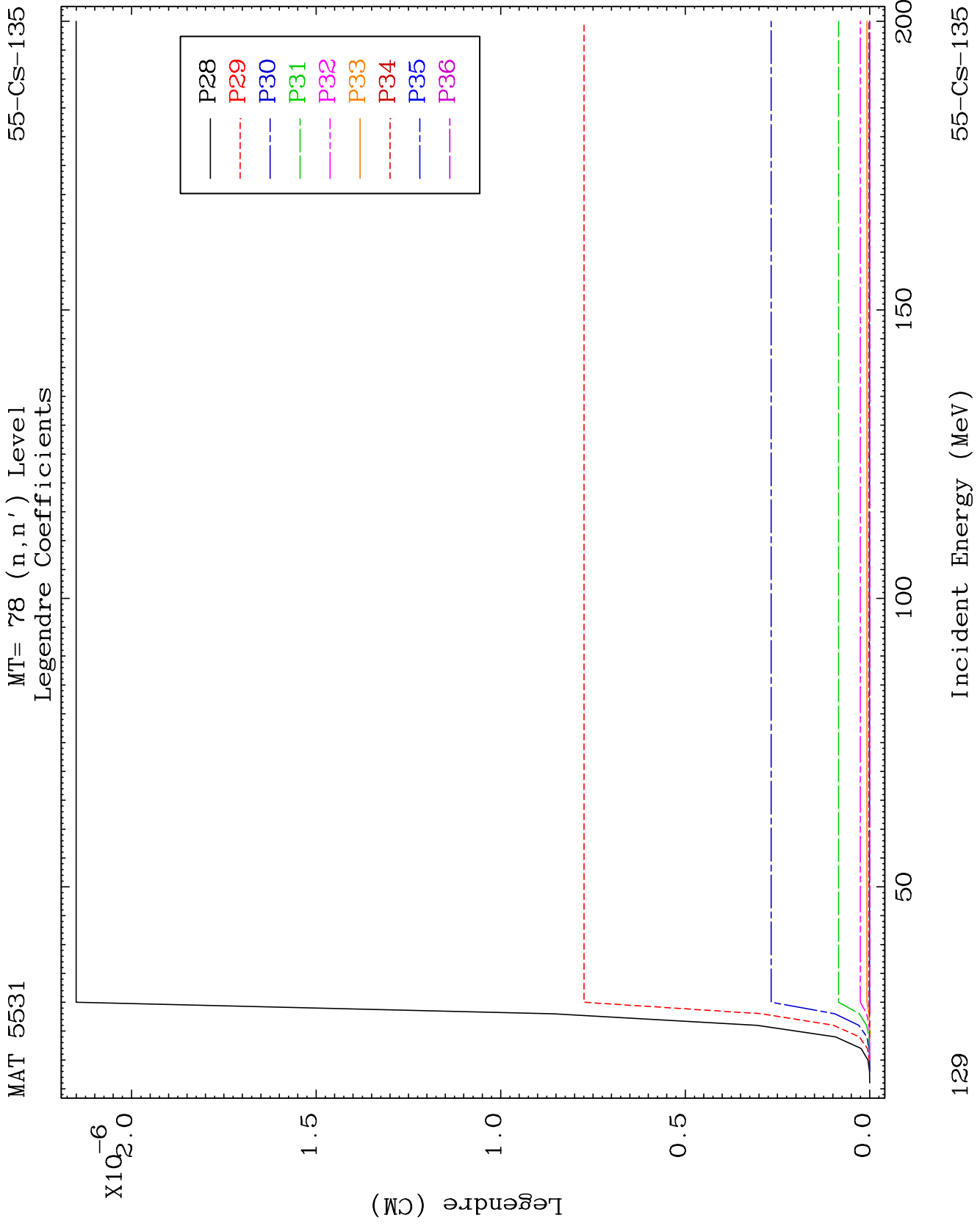
MT= 78 (n,n') Level
Legendre Coefficients

55-Cs-135



128

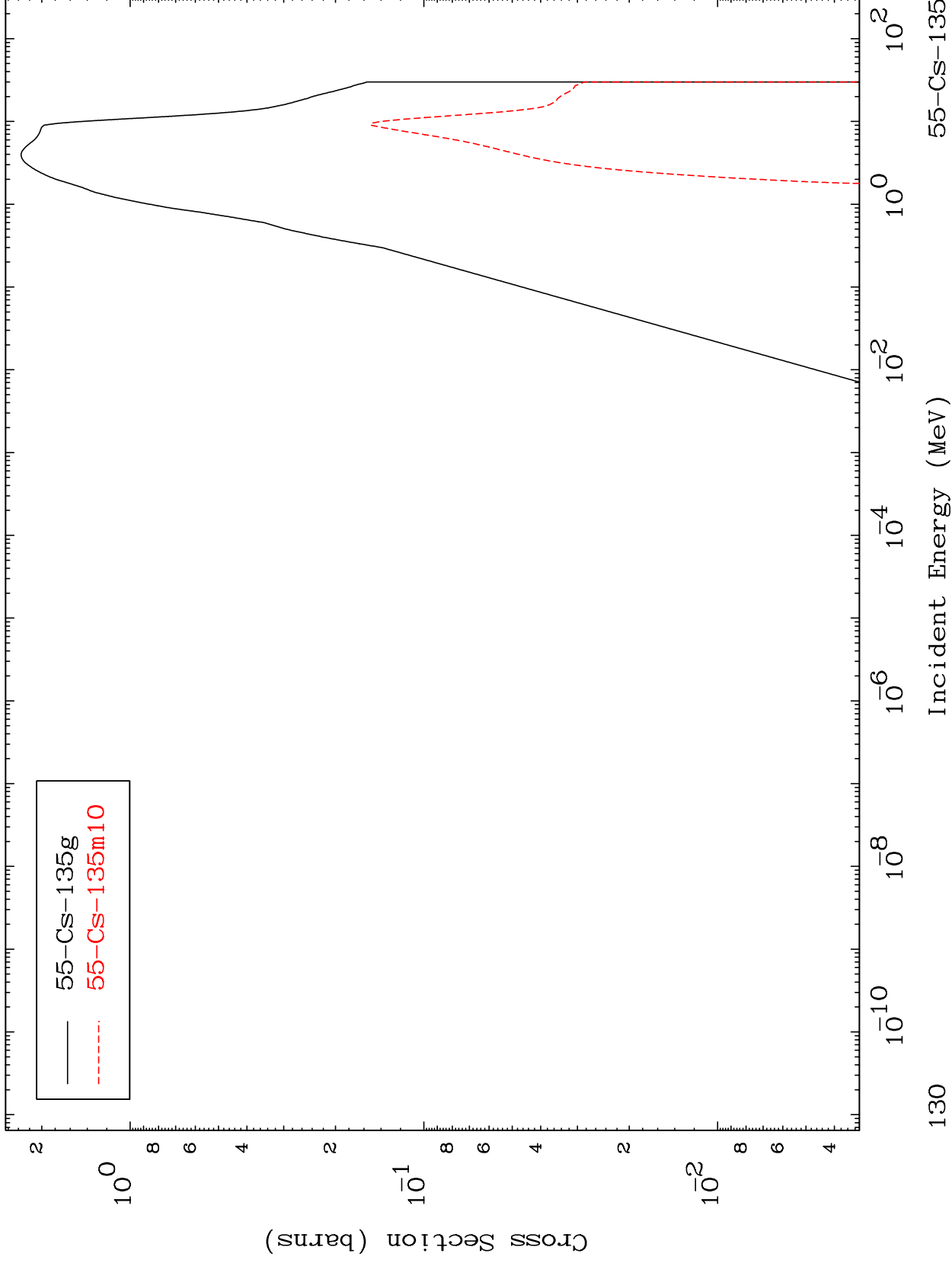
55-Cs-135



MAT 5531

Inelastic
Radionuclide Production Cross Section

55-Cs-135



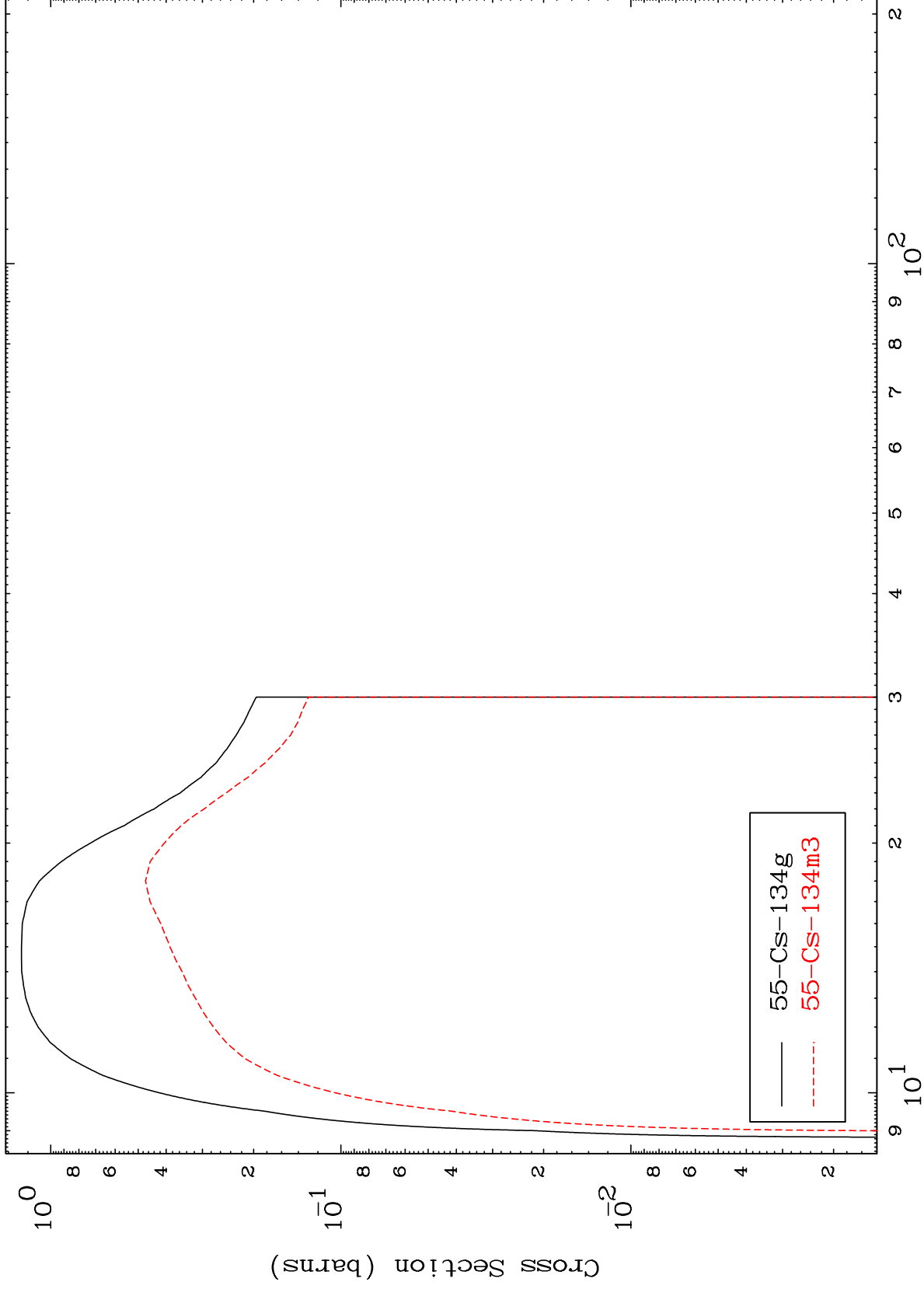
130

55-Cs-135

MAT 5531

55-Cs-135

(n,2n)
Radionuclide Production Cross Section



55-Cs-135

Incident Energy (MeV)

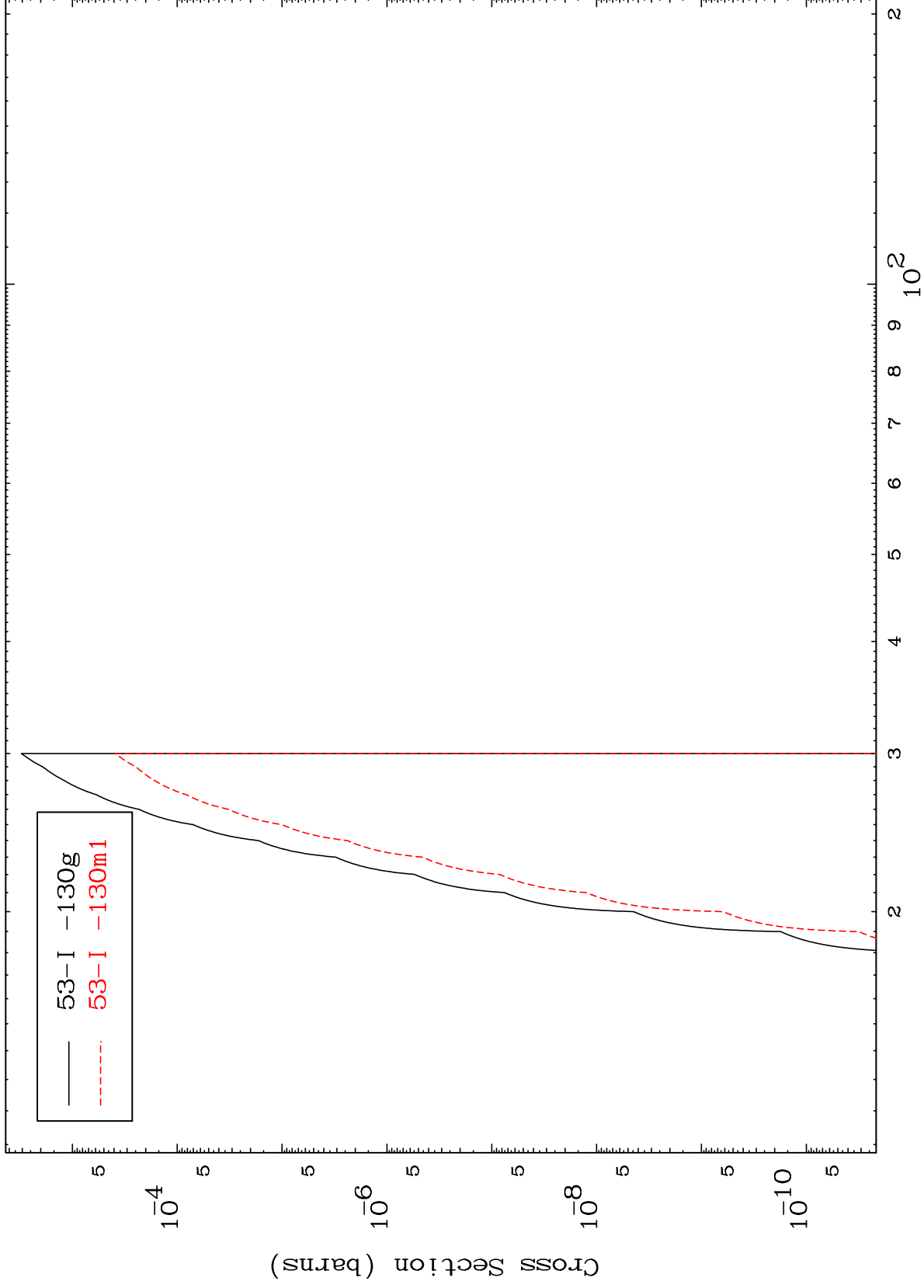
131

MAT 5531

(n,2n) α

55-Cs-135

Radionuclide Production Cross Section



132

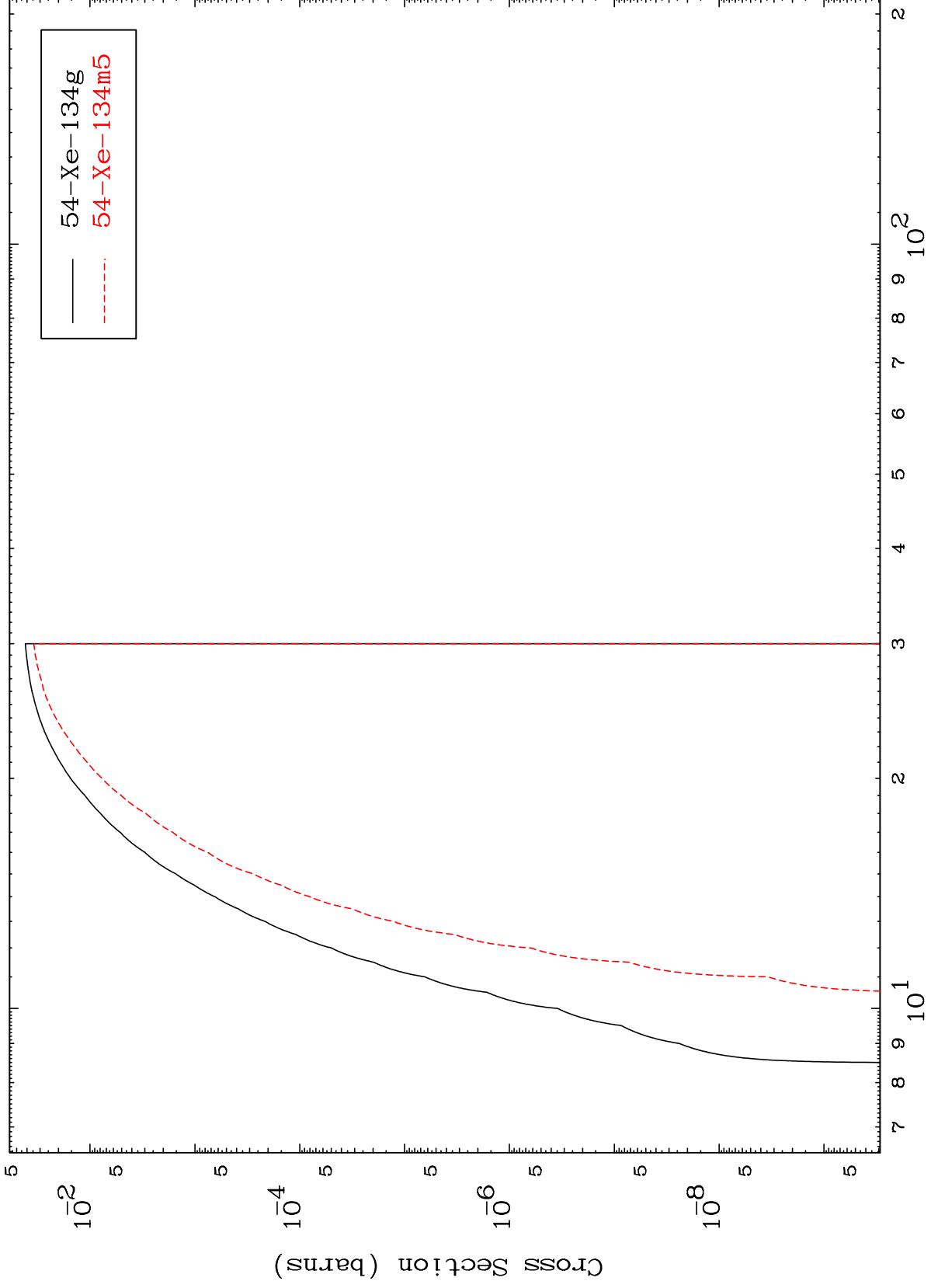
Incident Energy (MeV)

55-Cs-135

MAT 5531

55-Cs-135

(n,n') p
Radionuclide Production Cross Section



133

Incident Energy (MeV)

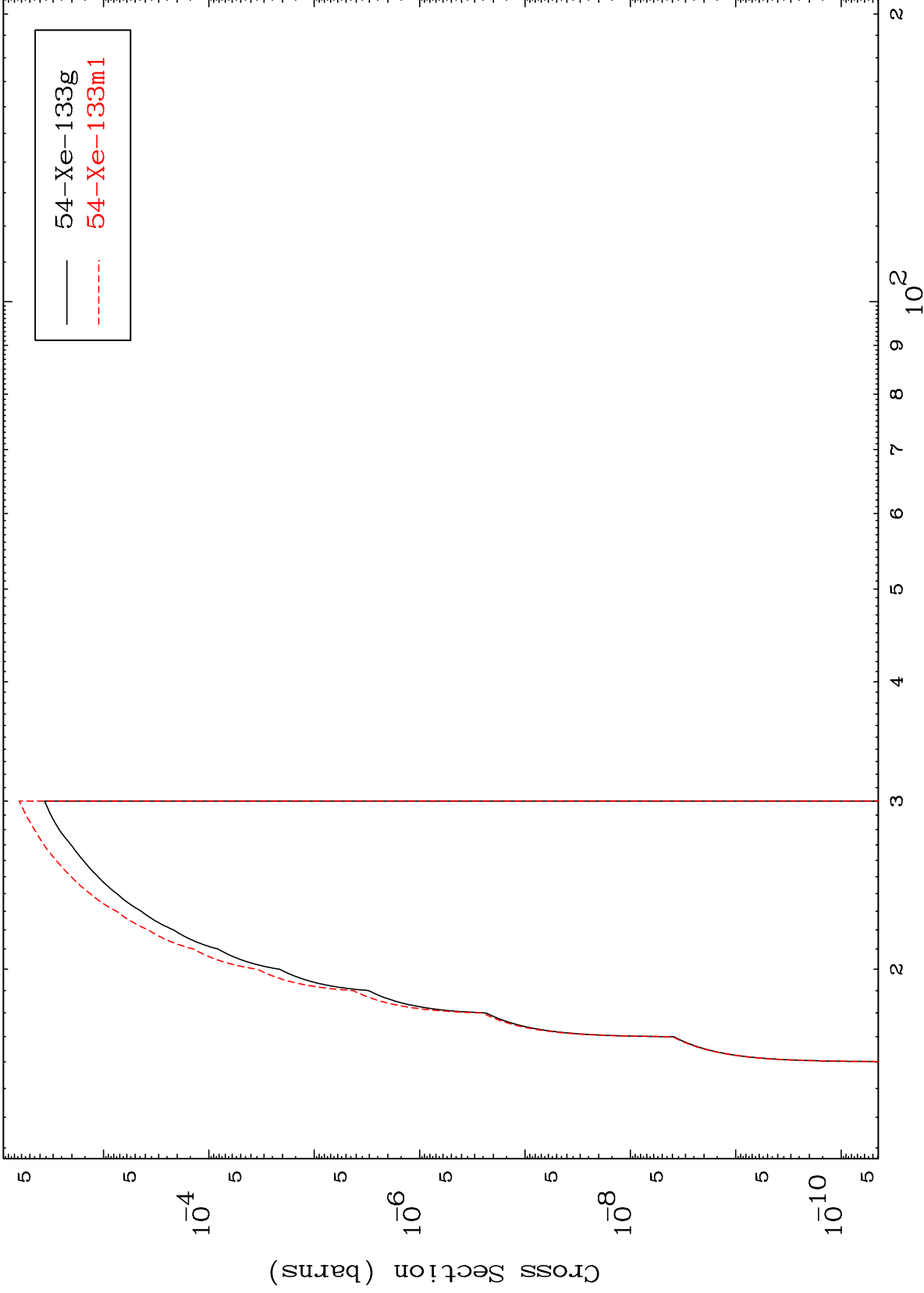
55-Cs-135

MAT 5531

(n,n') d

55-Cs-135

Radionuclide Production Cross Section



134

Incident Energy (MeV)

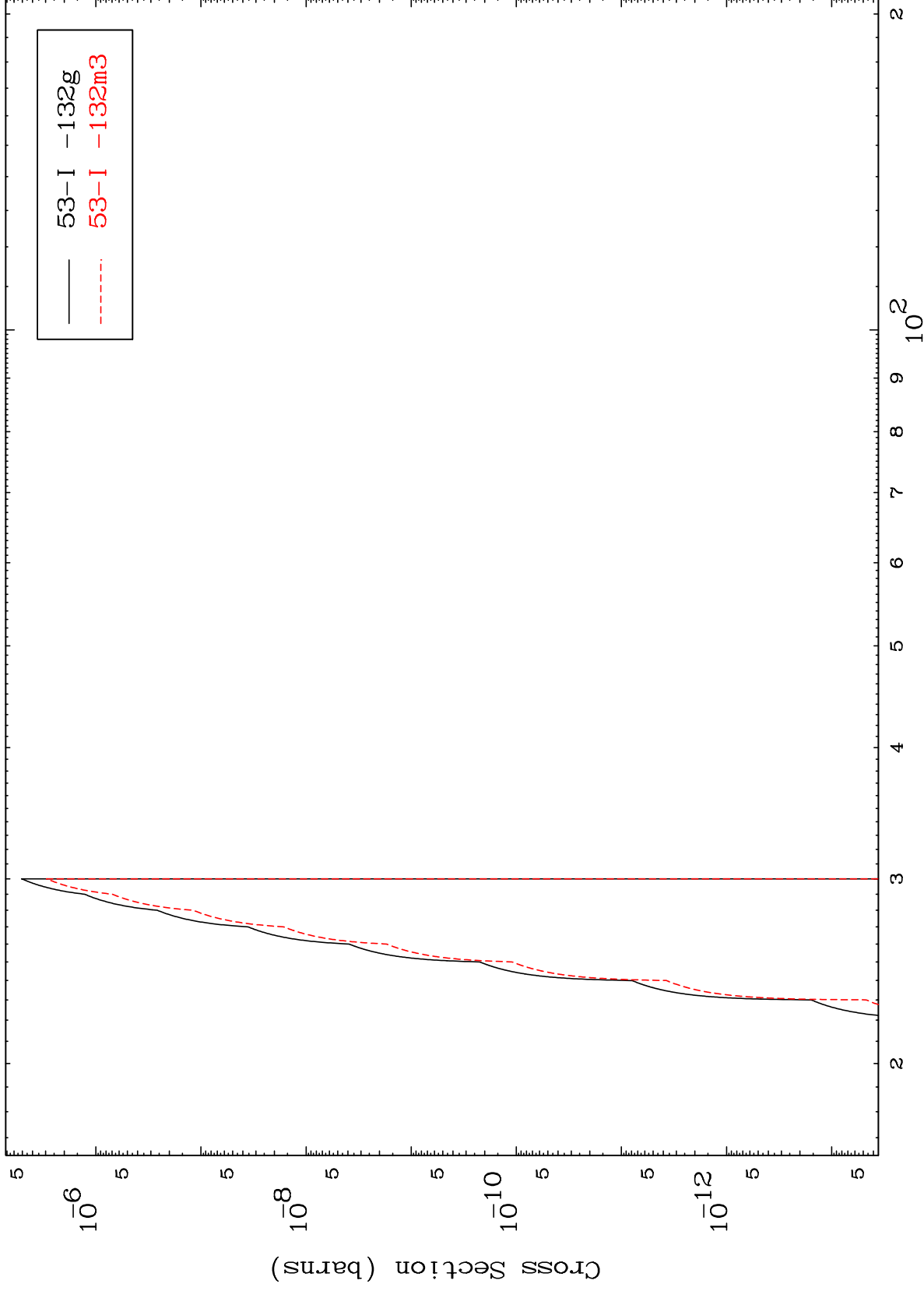
55-Cs-135

MAT 5531

(n,n') He-3

55-Cs-135

Radionuclide Production Cross Section



135

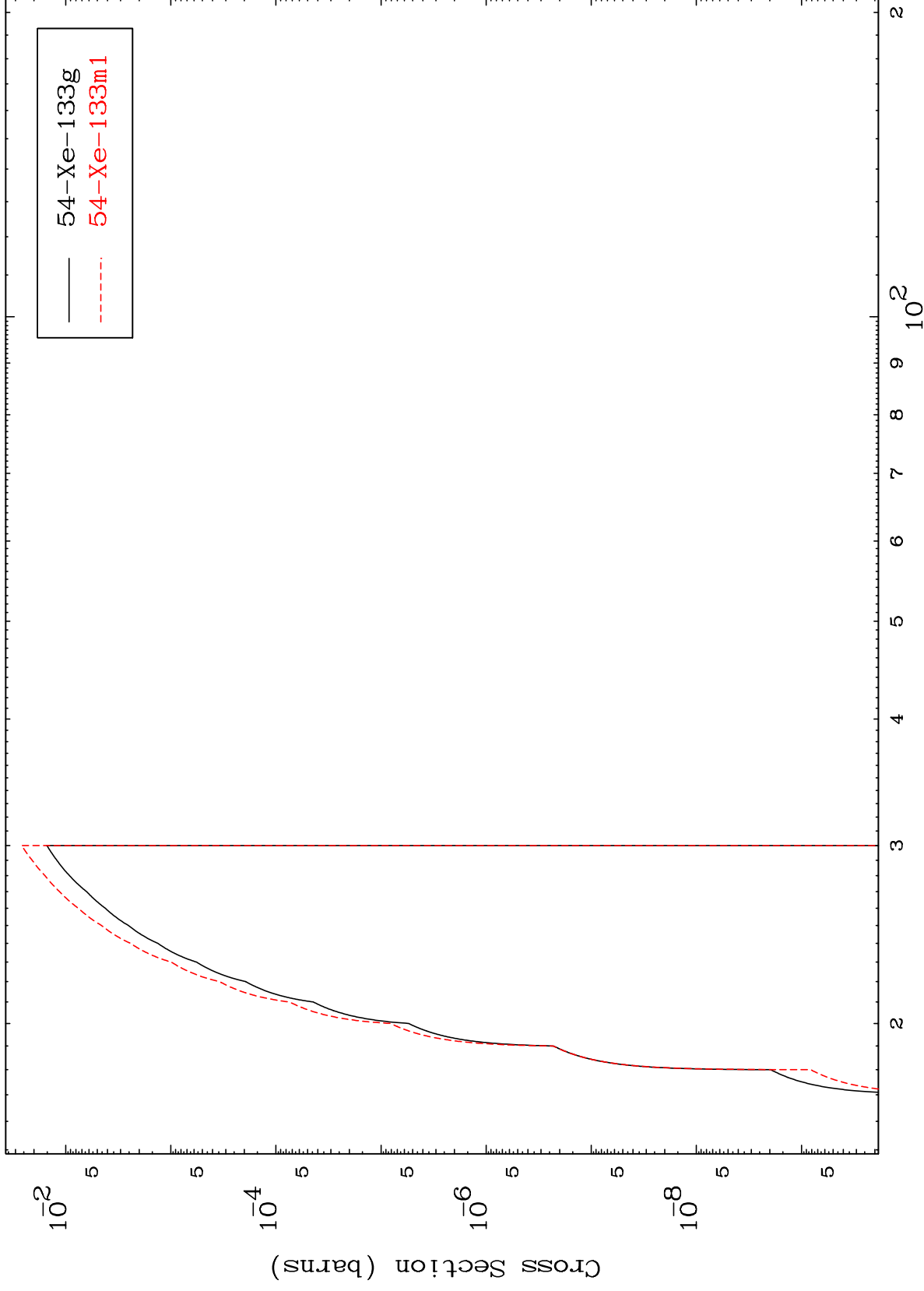
Incident Energy (MeV)

55-Cs-135

MAT 5531

55-Cs-135

(n,2n) p
Radionuclide Production Cross Section



136

Incident Energy (MeV)

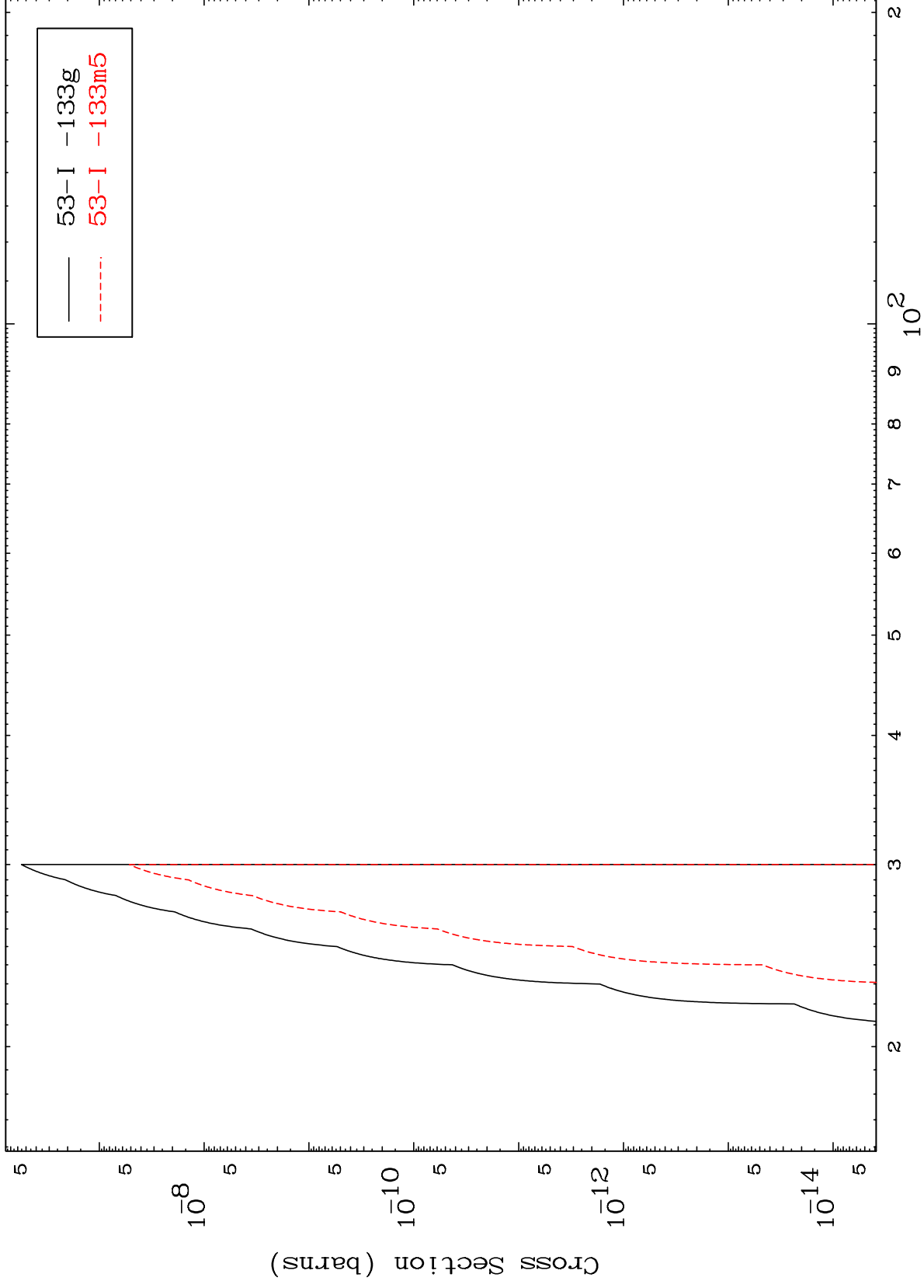
55-Cs-135

MAT 5531

(n,2n) p

55-Cs-135

Radionuclide Production Cross Section



137

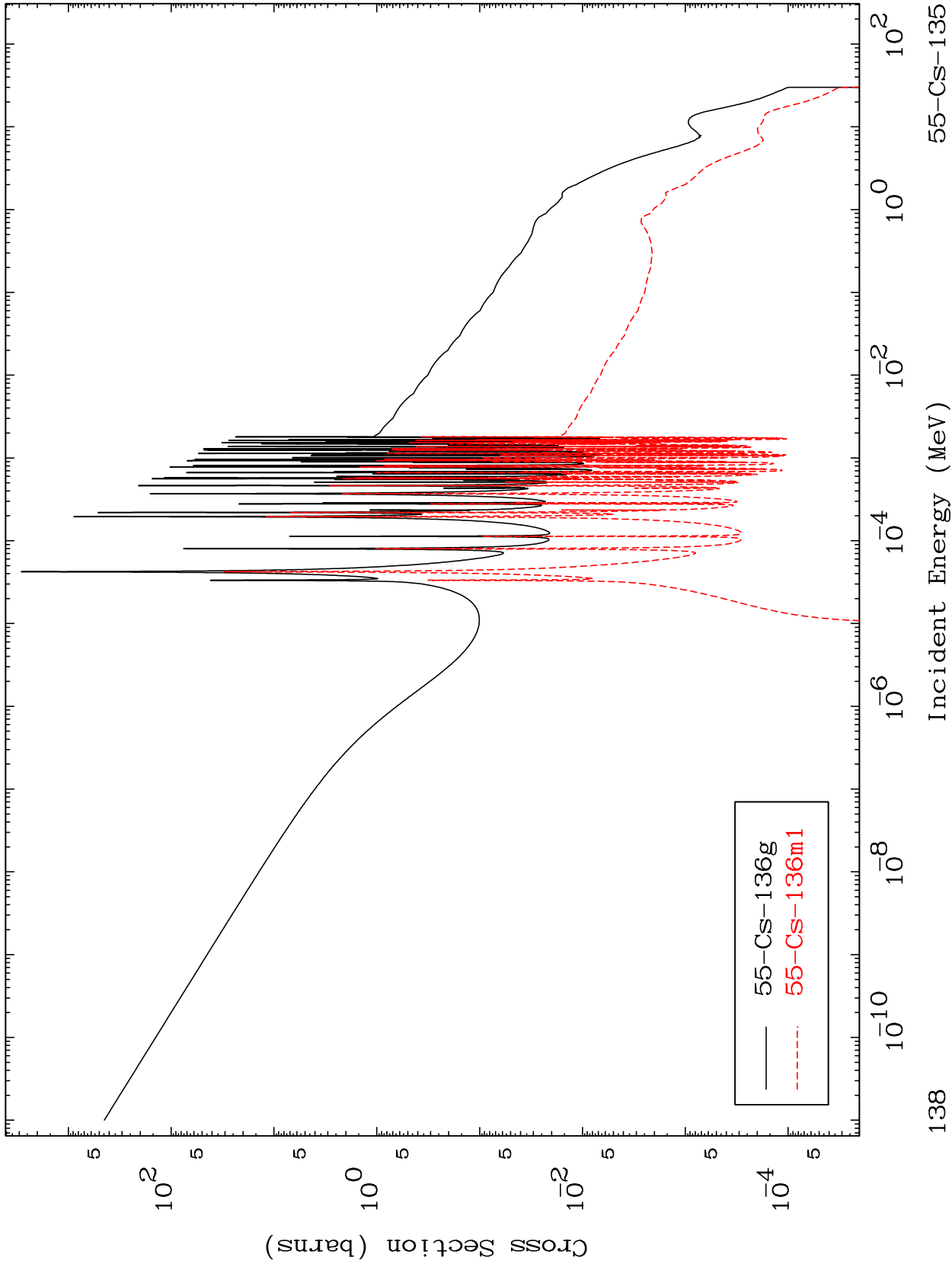
Incident Energy (MeV)

55-Cs-135

MAT 5531

55-Cs-135

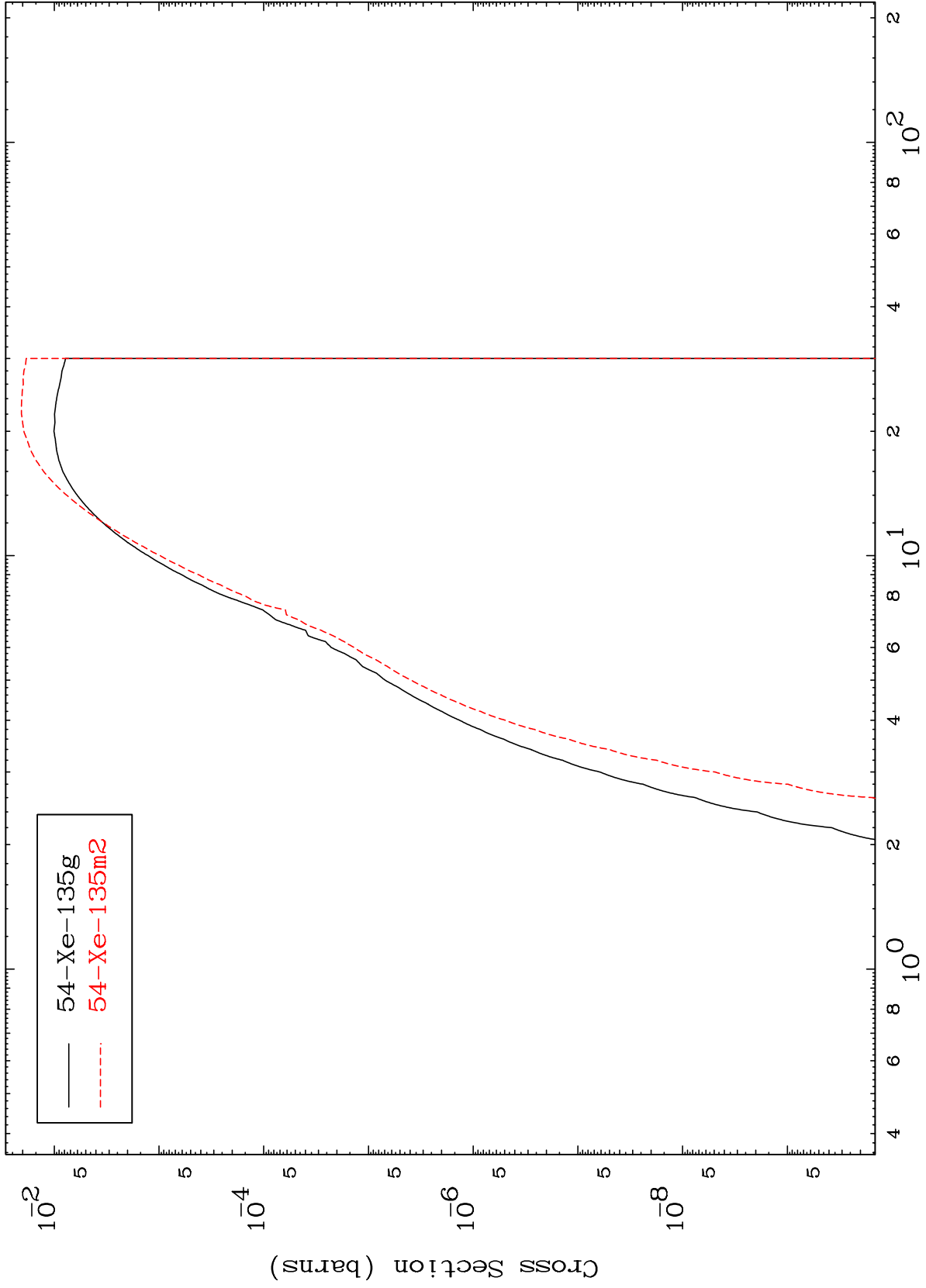
(n, γ)
Radionuclide Production Cross Section



MAT 5531

55-Cs-135

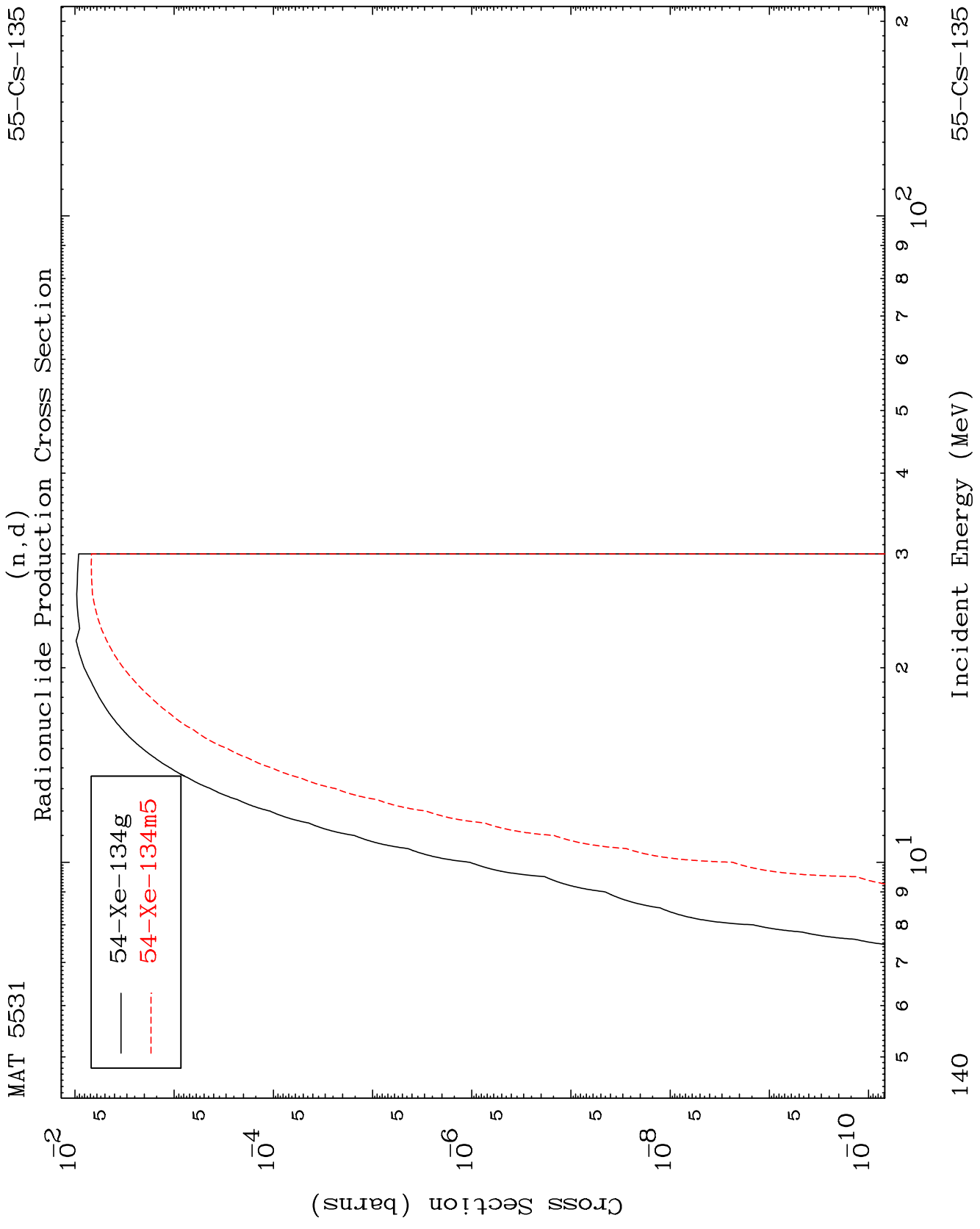
(n,p)
Radionuclide Production Cross Section



139

Incident Energy (MeV)

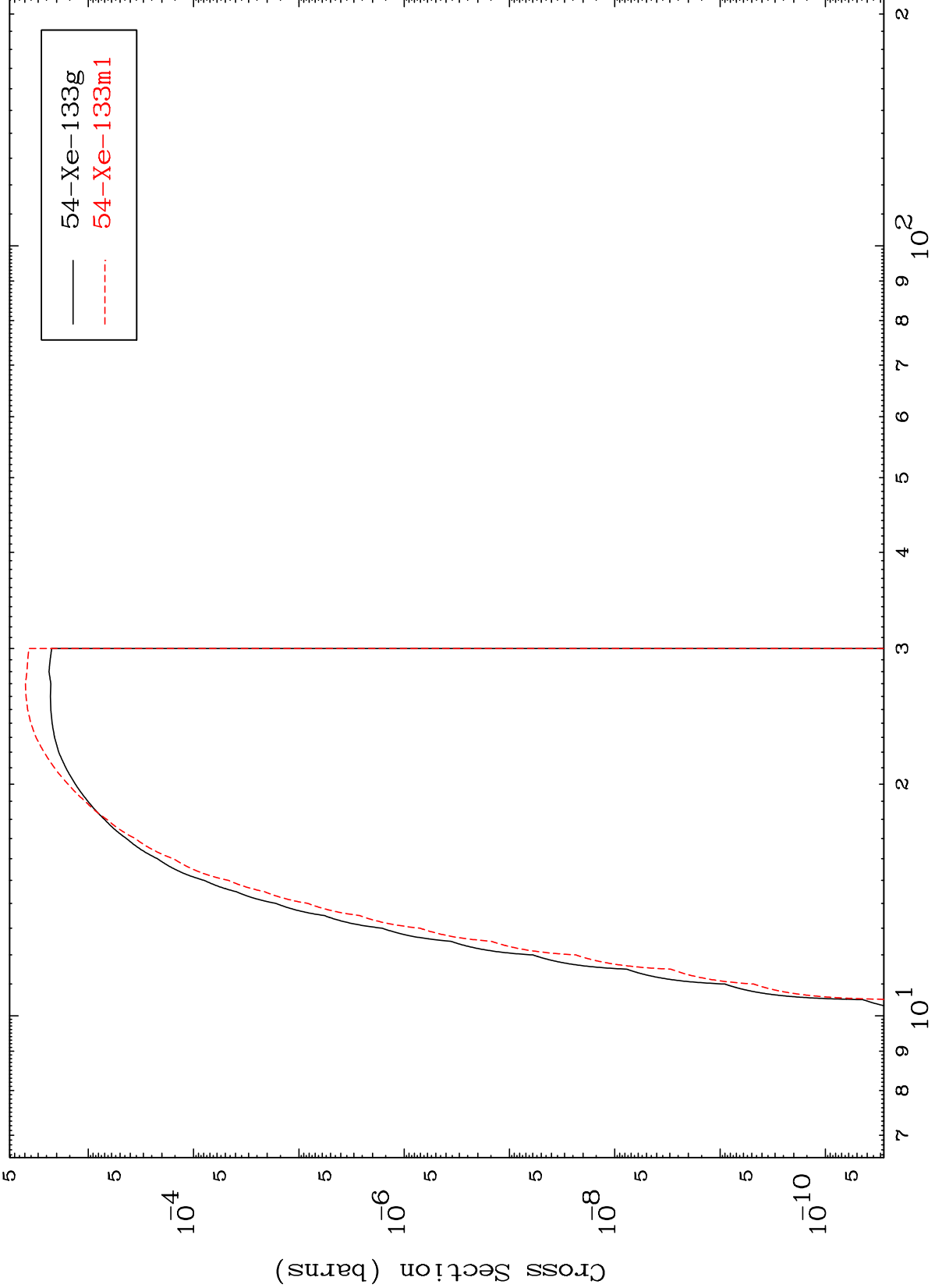
55-Cs-135



MAT 5531

55-Cs-135

(n, t)
Radionuclide Production Cross Section



54-Xe-133g
54-Xe-133m1

141

Incident Energy (MeV)

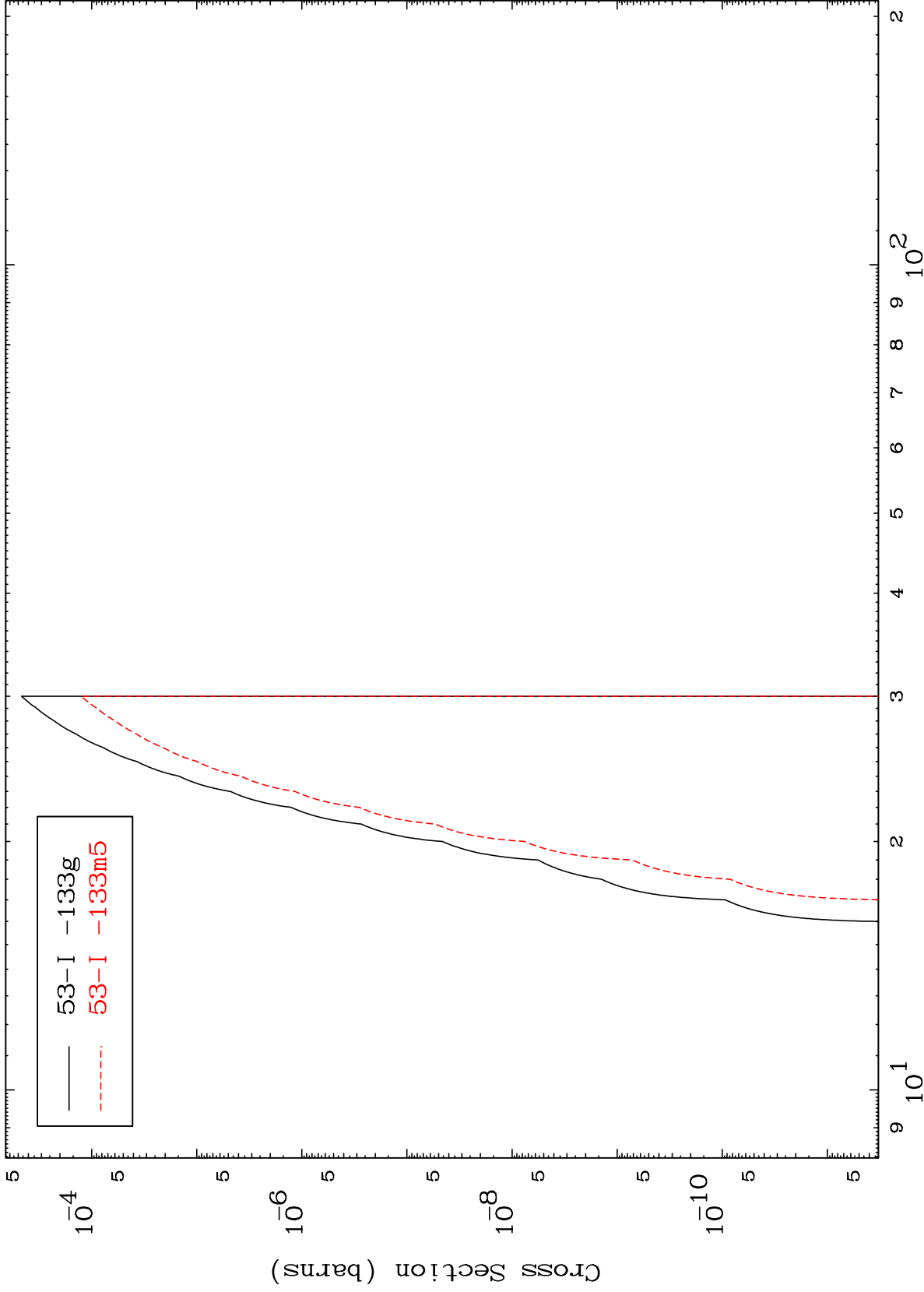
55-Cs-135

MAT 5531

(n,He-3)

55-Cs-135

Radionuclide Production Cross Section



142

Incident Energy (MeV)

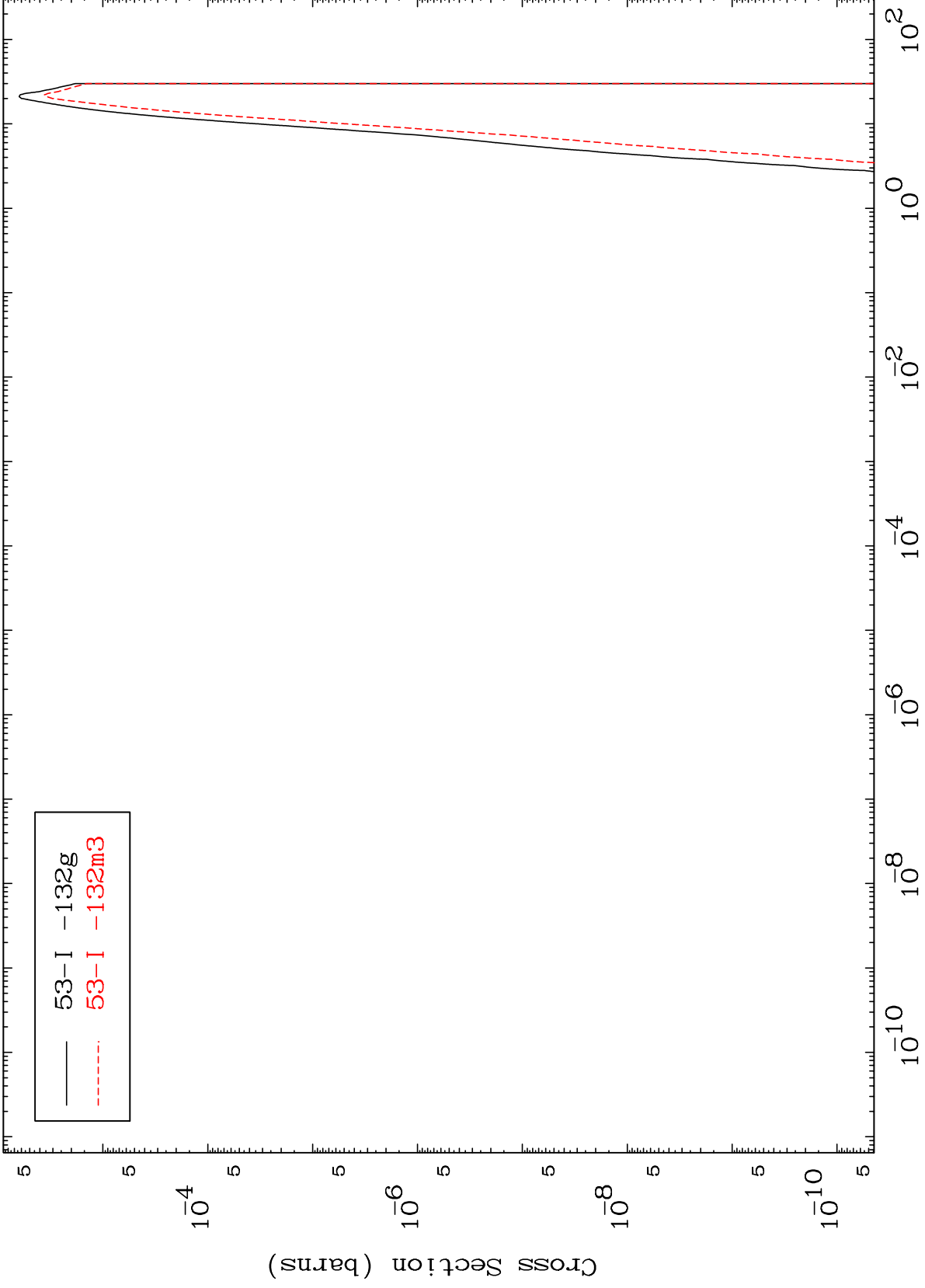
55-Cs-135

MAT 5531

(n, α)

55-Cs-135

Radionuclide Production Cross Section

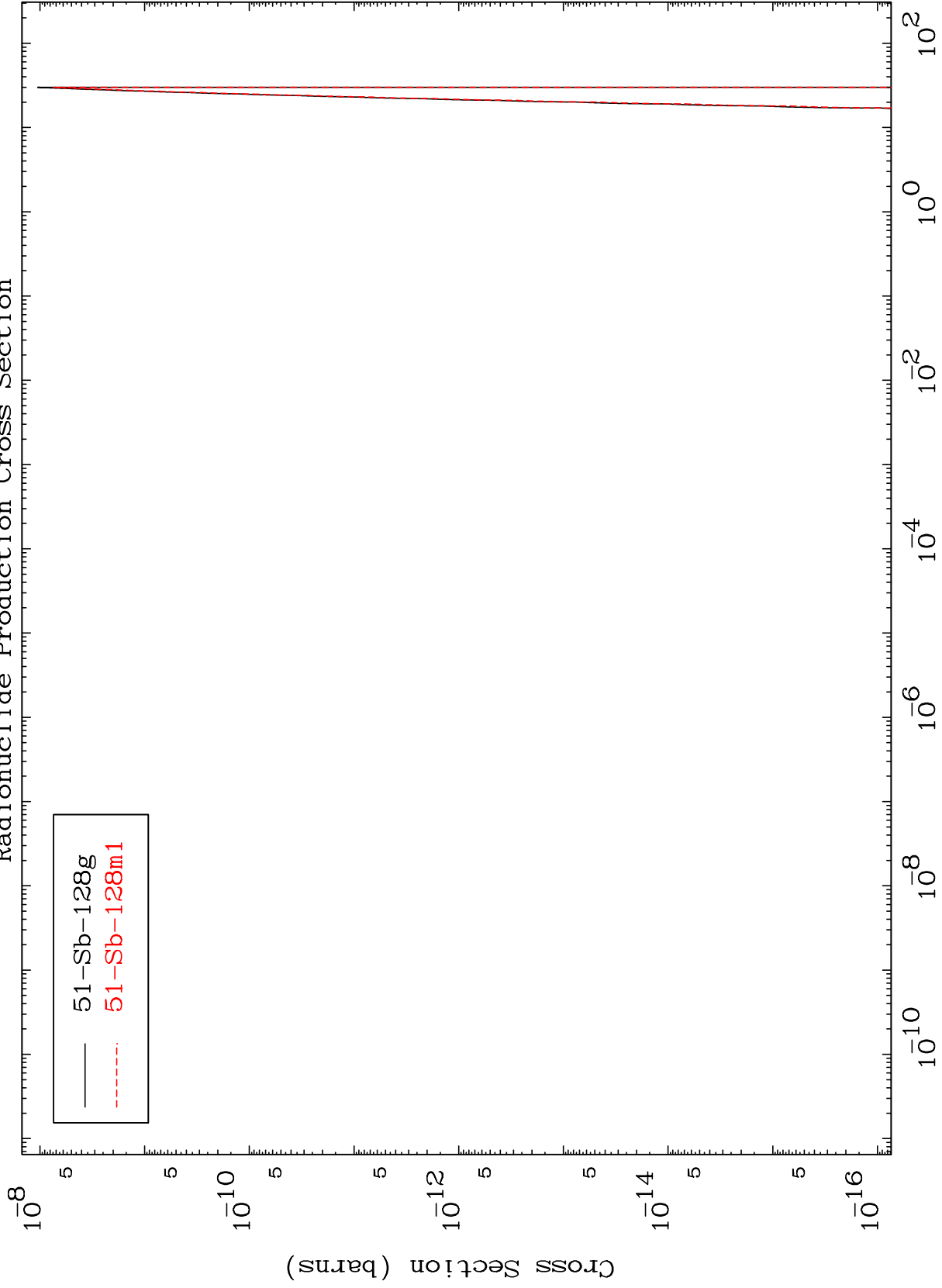


MAT 5531

(n,2α)

55-Cs-135

Radionuclide Production Cross Section



144

Incident Energy (MeV)

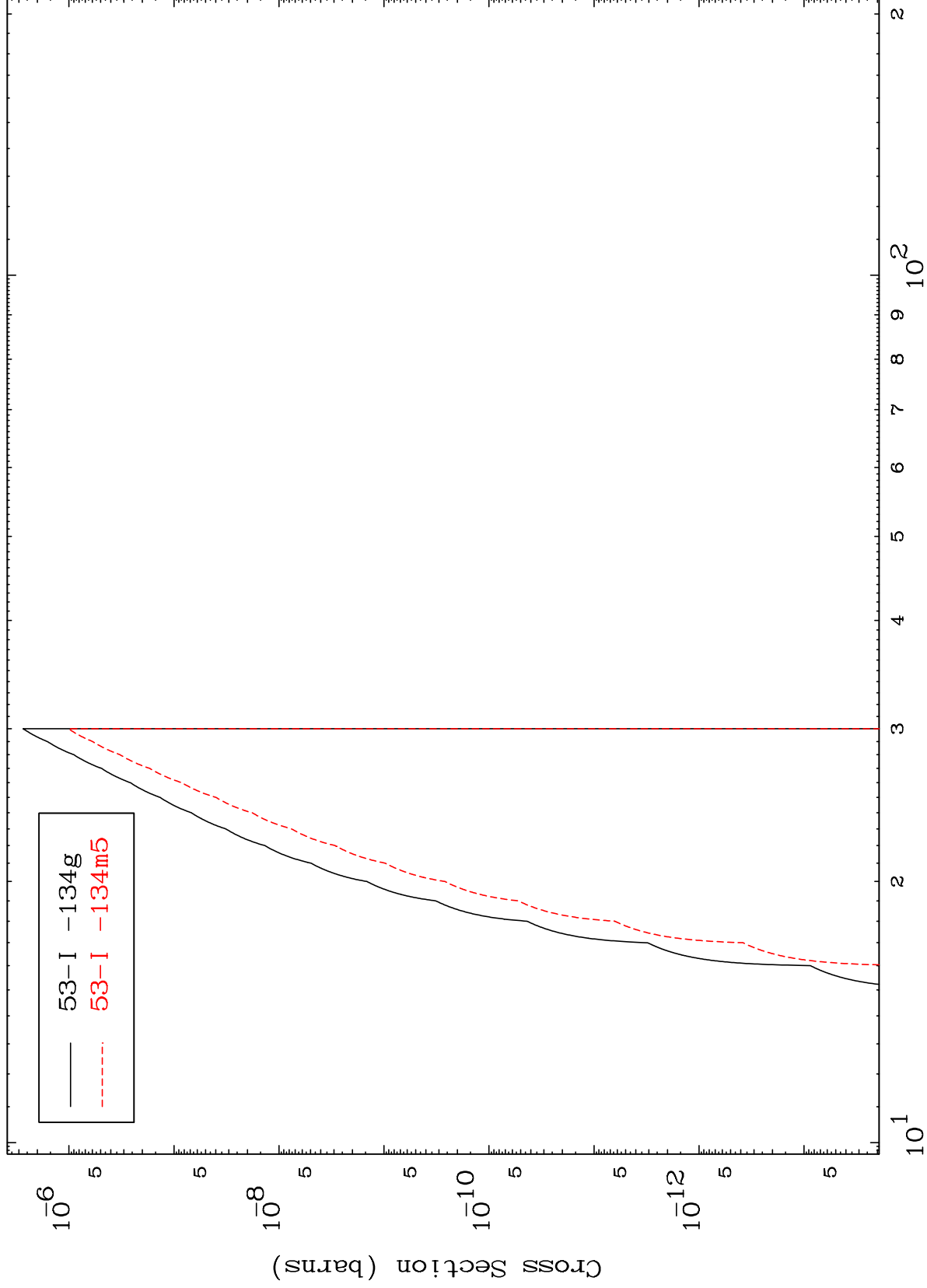
55-Cs-135

MAT 5531

(n,2p)

55-Cs-135

Radionuclide Production Cross Section



145

Incident Energy (MeV)

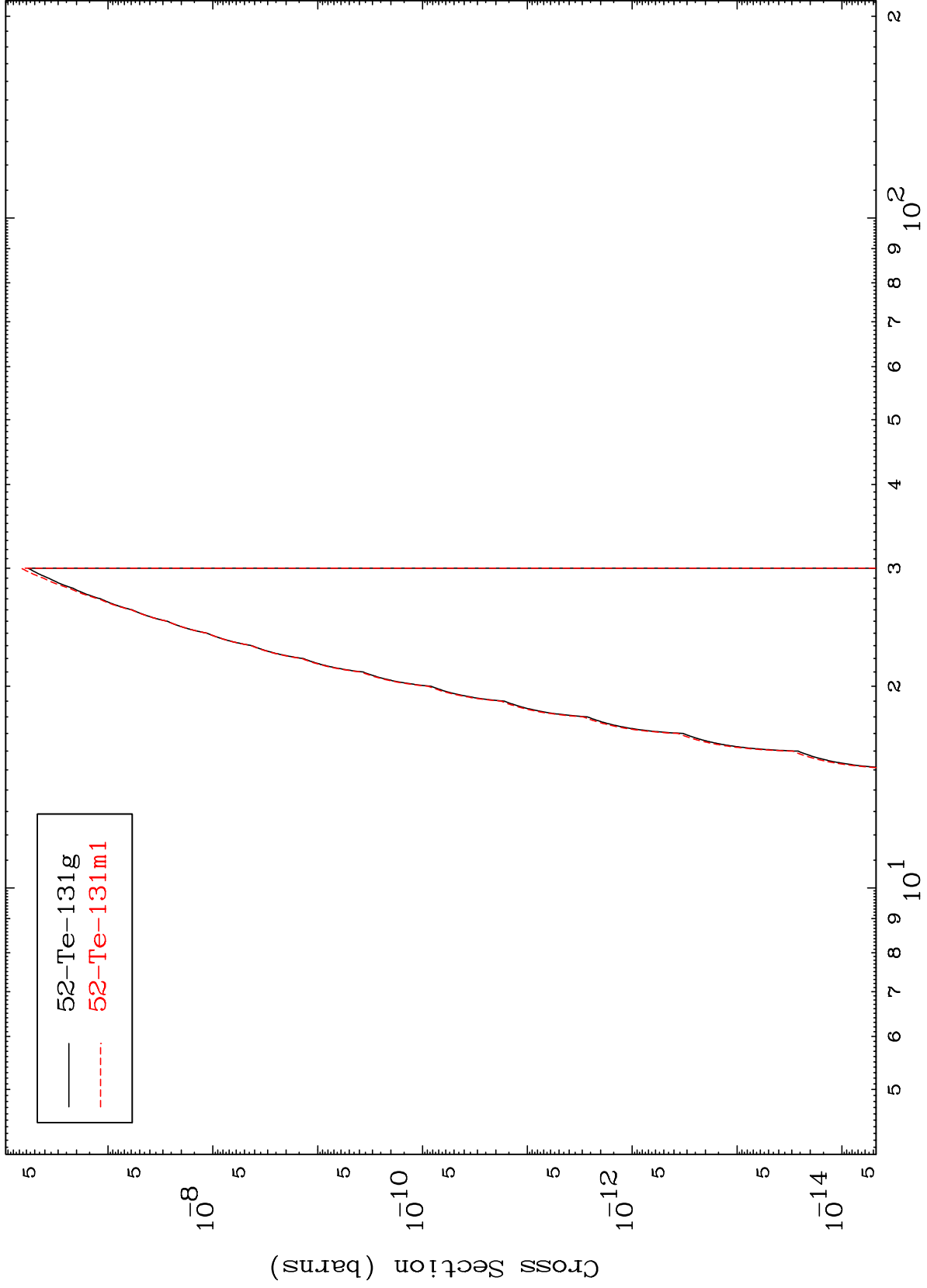
55-Cs-135

MAT 5531

(n,p) α

55-Cs-135

Radionuclide Production Cross Section



146

Incident Energy (MeV)

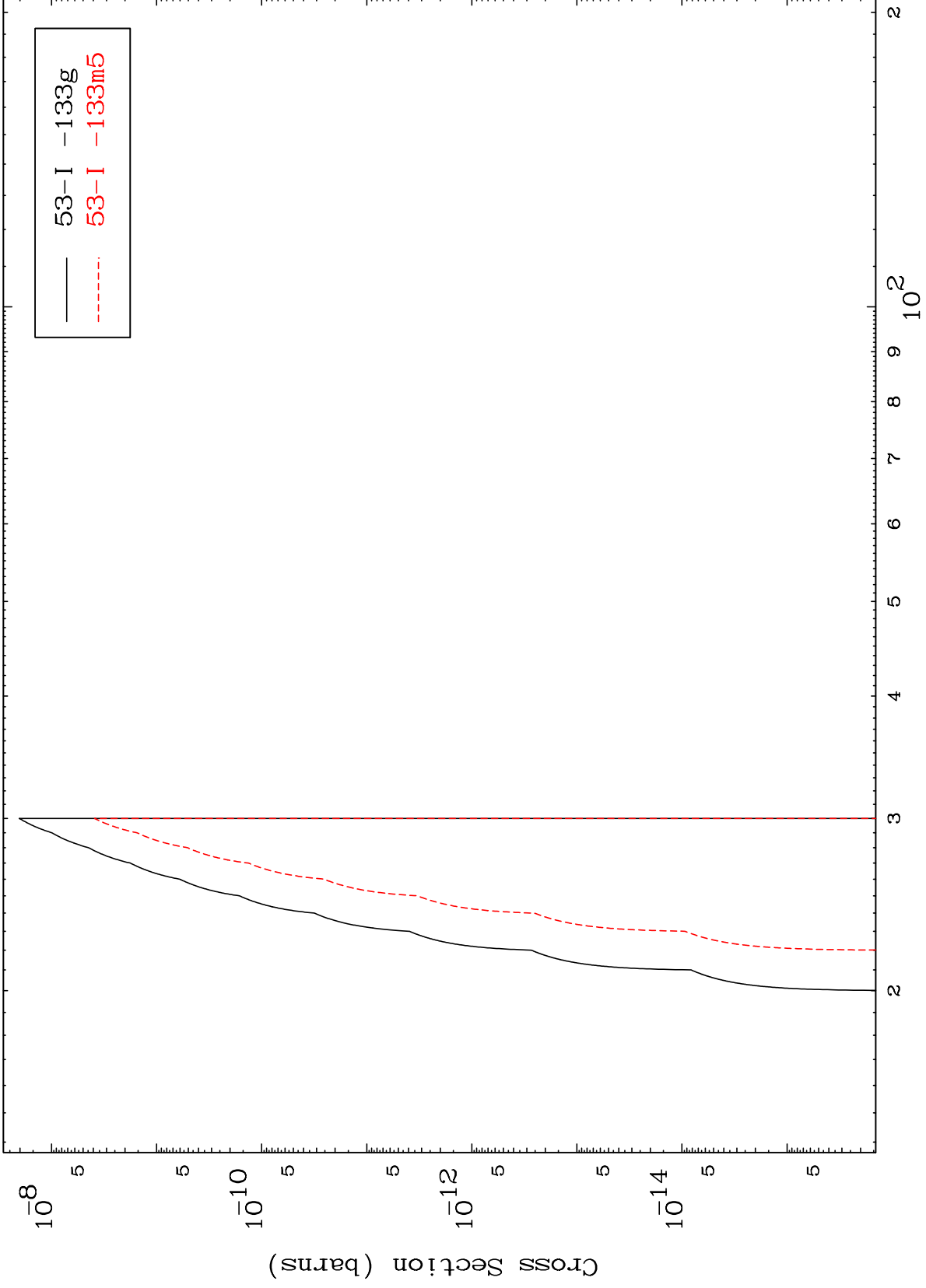
55-Cs-135

MAT 5531

(n,p) d

55-Cs-135

Radionuclide Production Cross Section



147

Incident Energy (MeV)

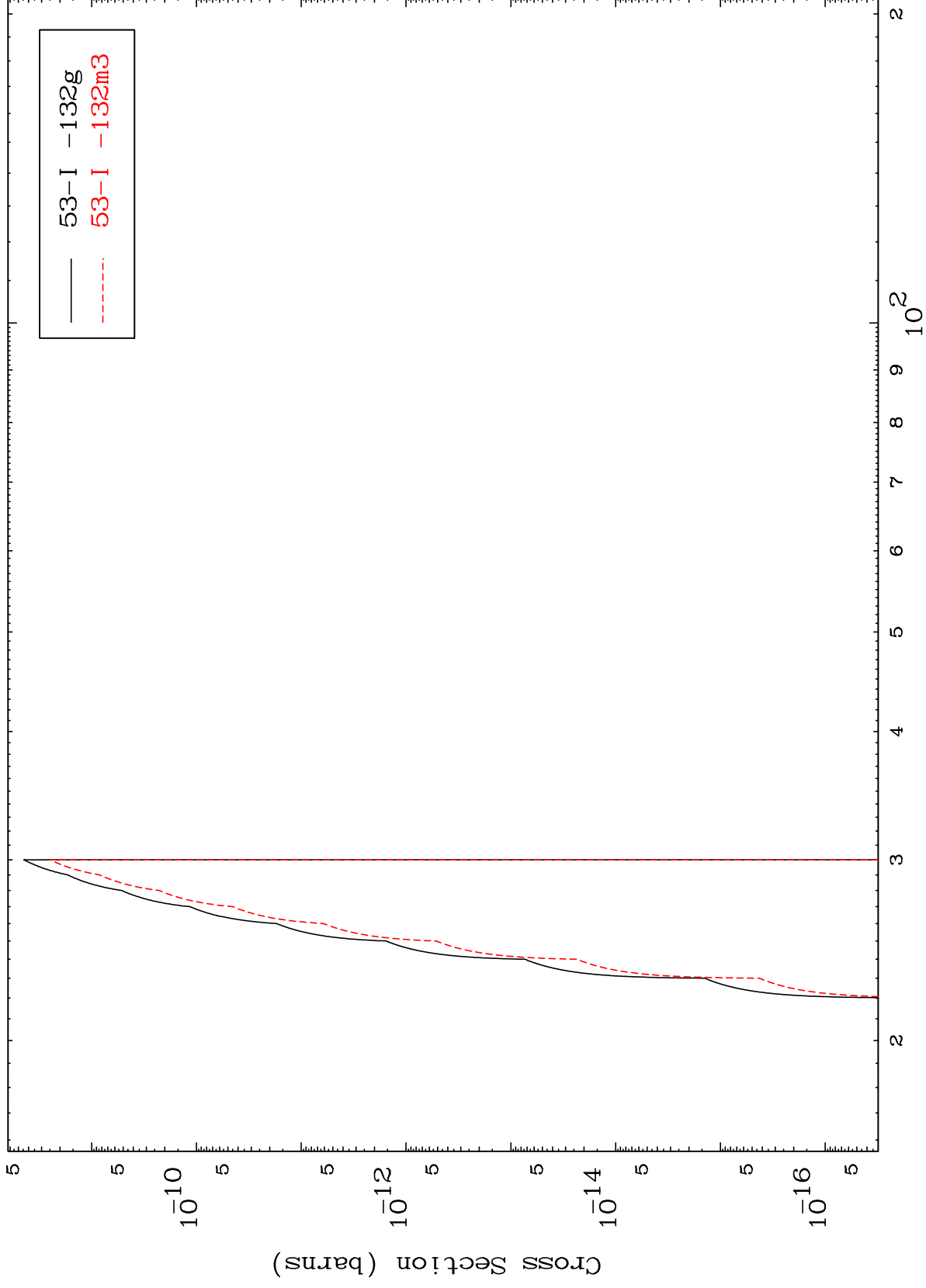
55-Cs-135

MAT 5531

(n,p) t

55-Cs-135

Radionuclide Production Cross Section



148

Incident Energy (MeV)

55-Cs-135