

Program EVALPLOT
(Version 2021-1)

by

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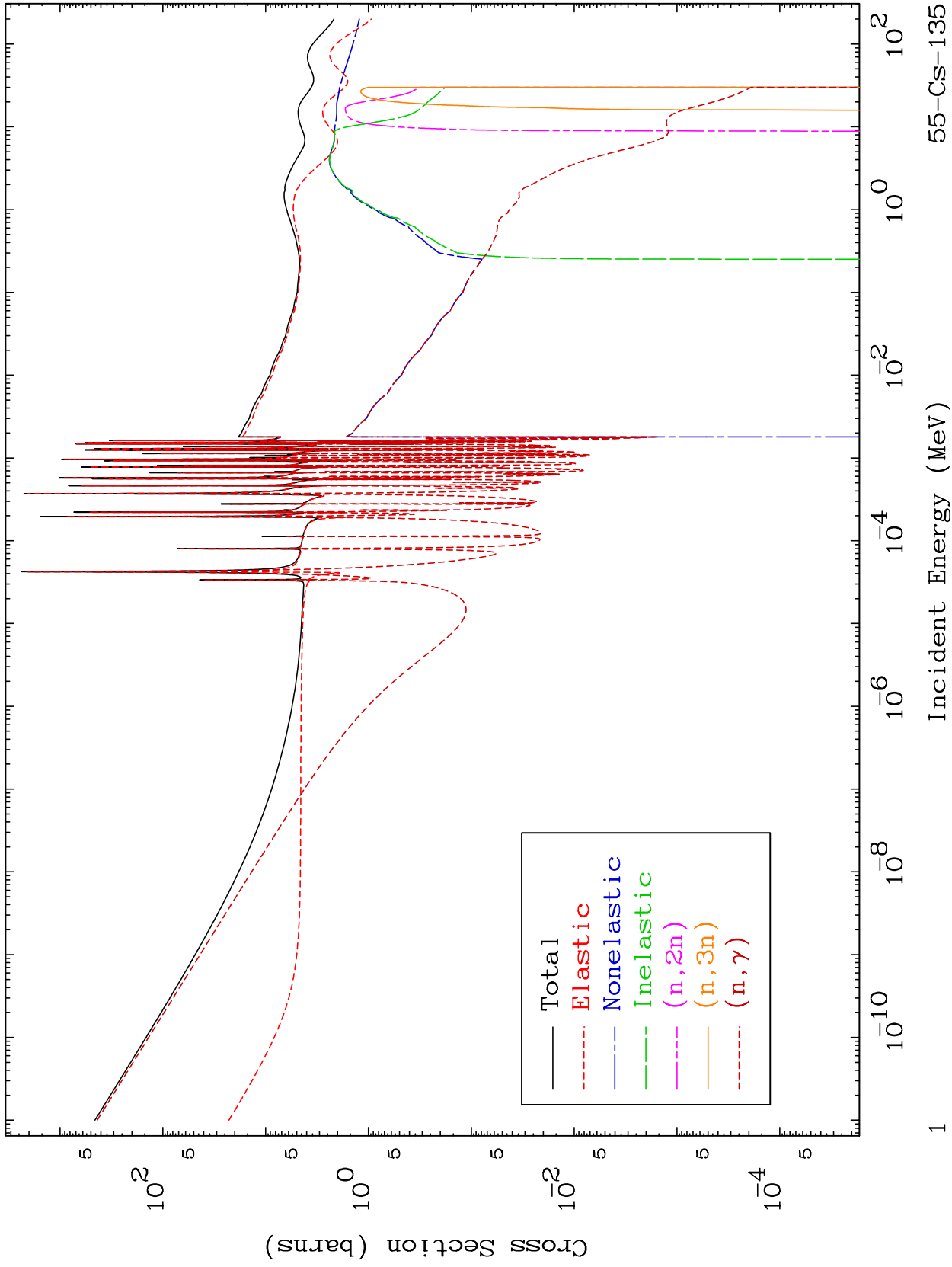
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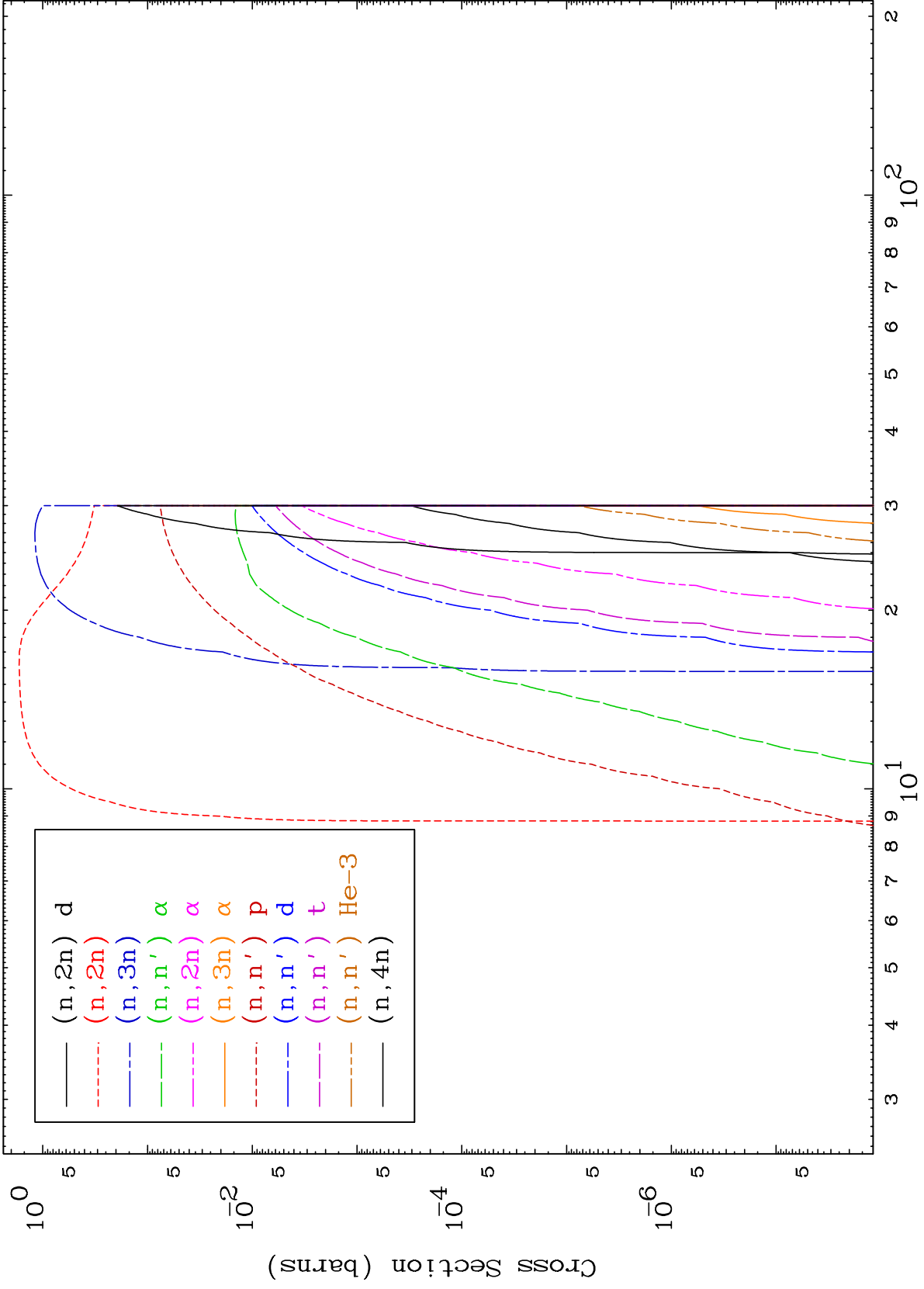
Press Mouse Button to Start

MAT 5531

Neutron Major
293 Kelvin Cross Sections

55-Cs-135

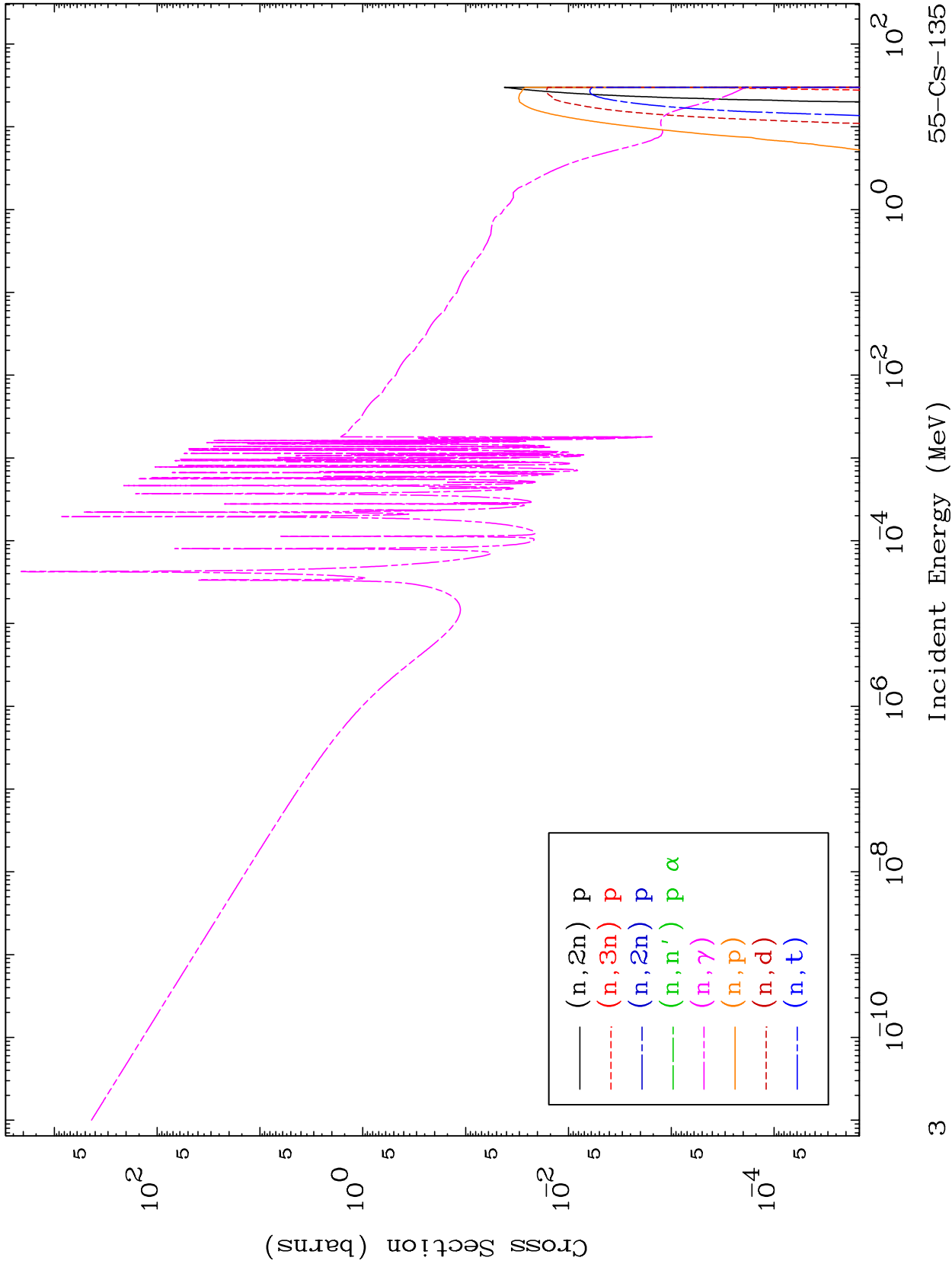


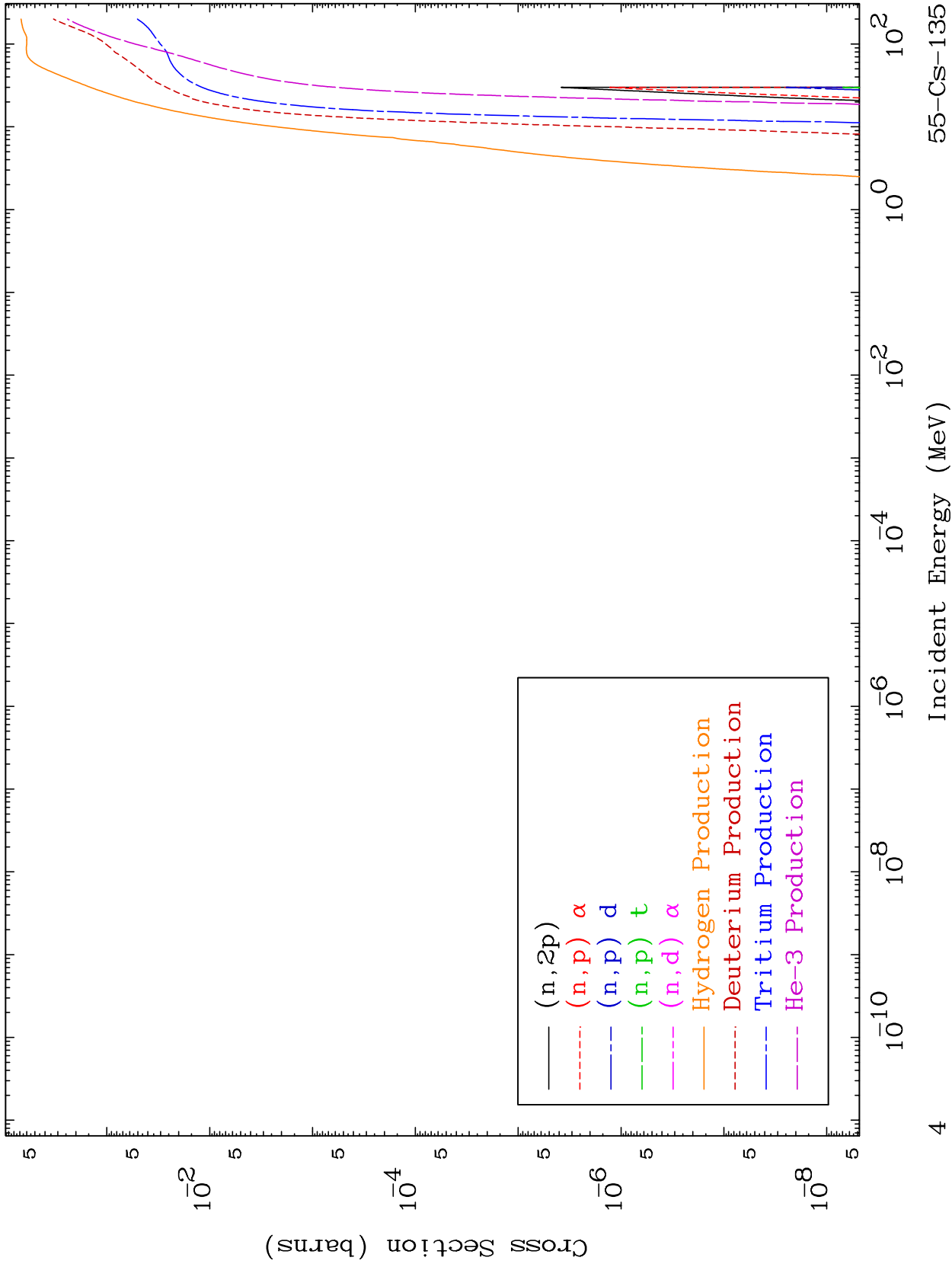


MAT 5531

Neutron Absorption
293 Kelvin Cross Sections

55-Cs-135



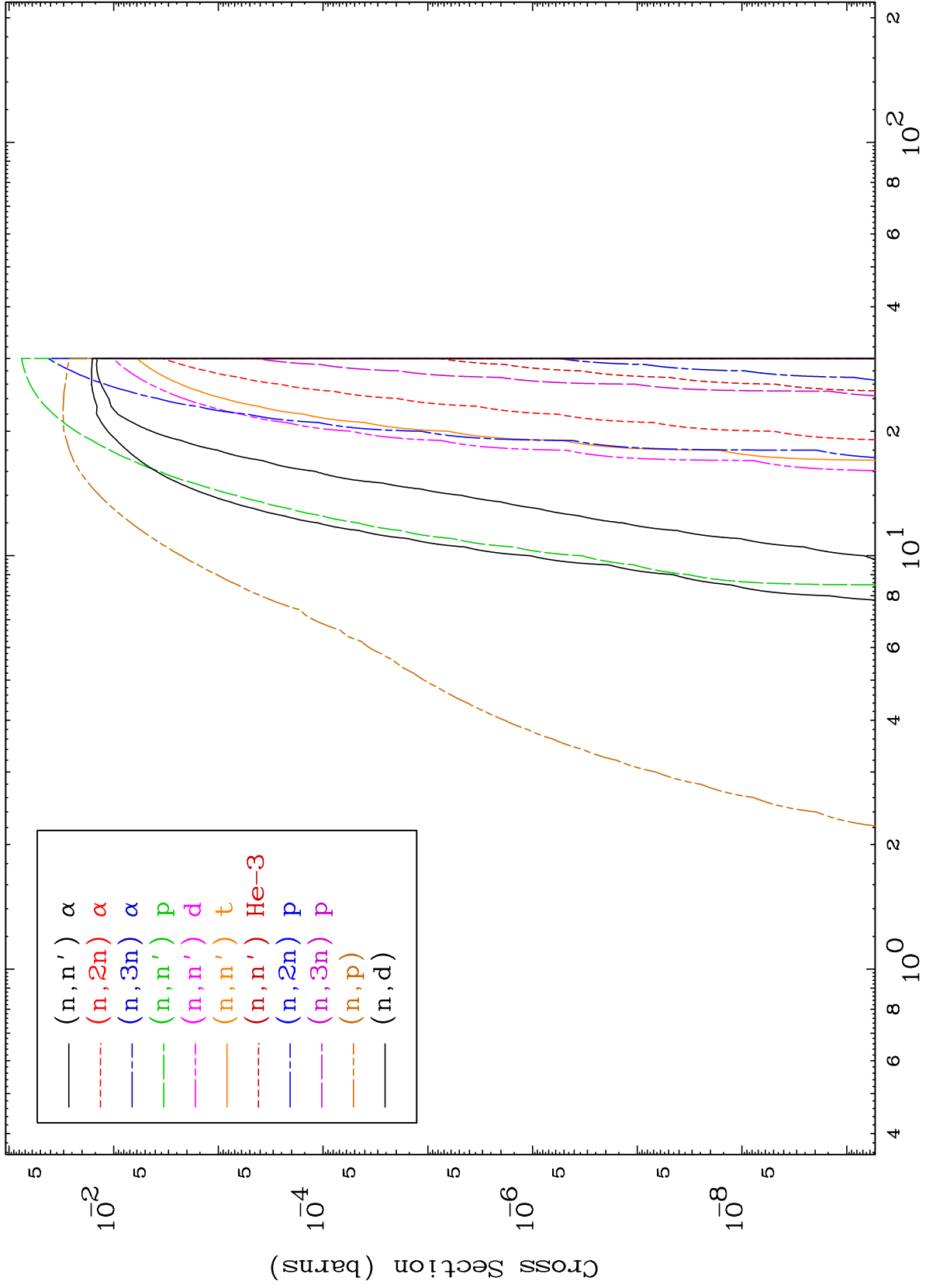


MAT 5531

Charged Particle

55-Cs-135

293 Kelvin Cross Sections



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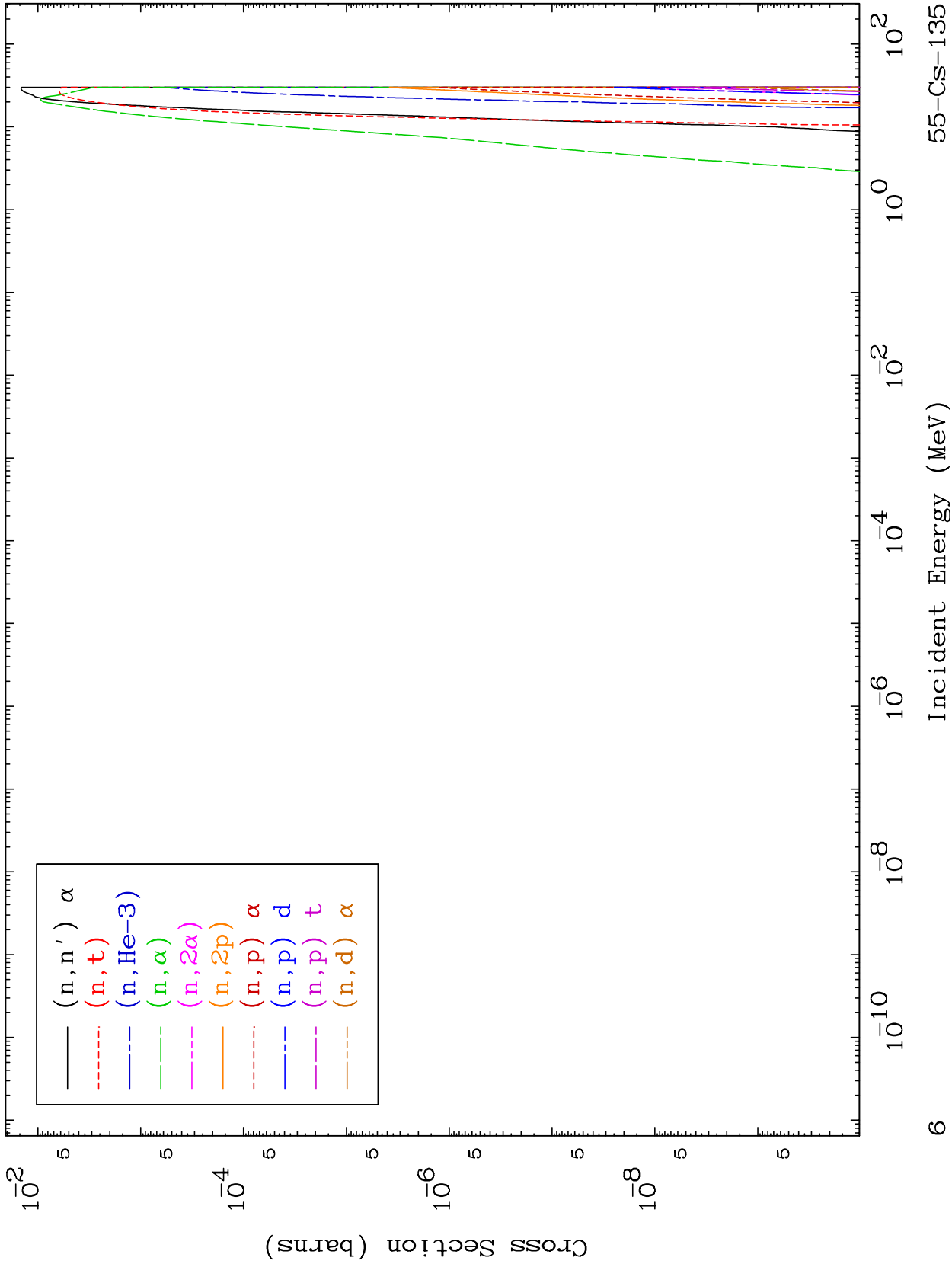
Incident Energy (MeV)

55-Cs-135

MAT 5531

Charged Particle
293 Kelvin Cross Sections

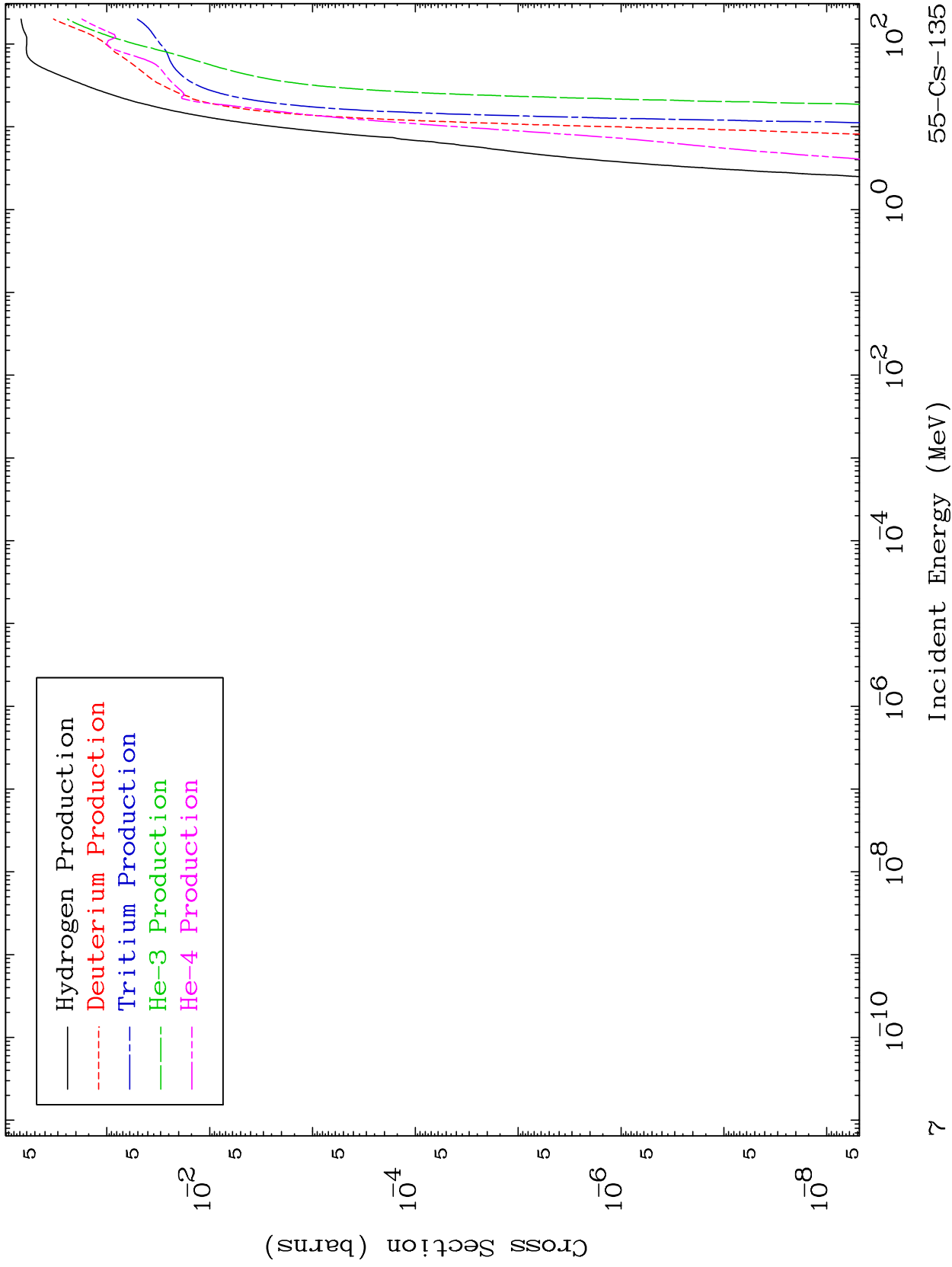
55-Cs-135



MAT 5531

Particle Production
293 Kelvin Cross Sections

55-Cs-135

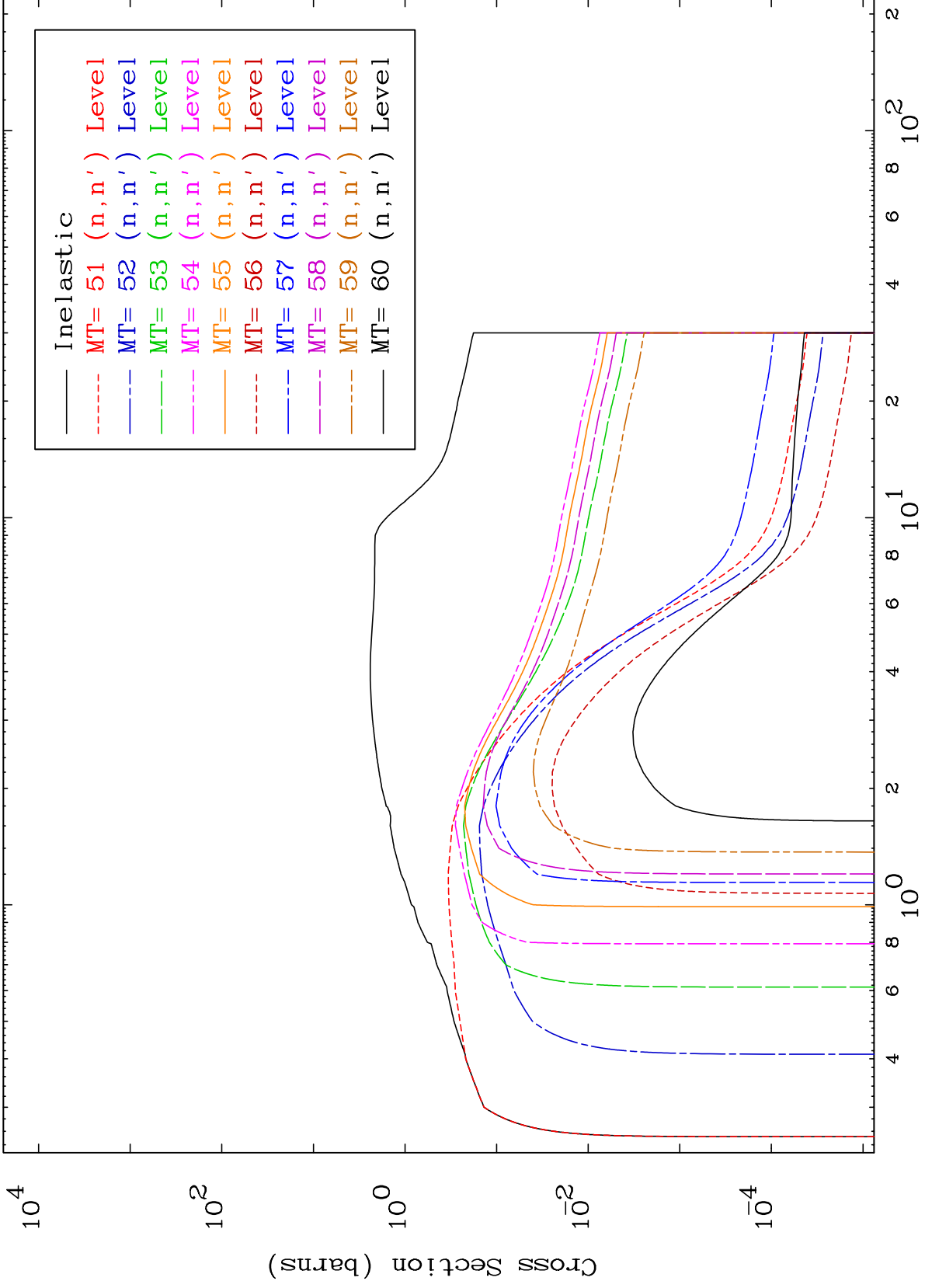


MAT 5531

(n,n') Levels

55-Cs-135

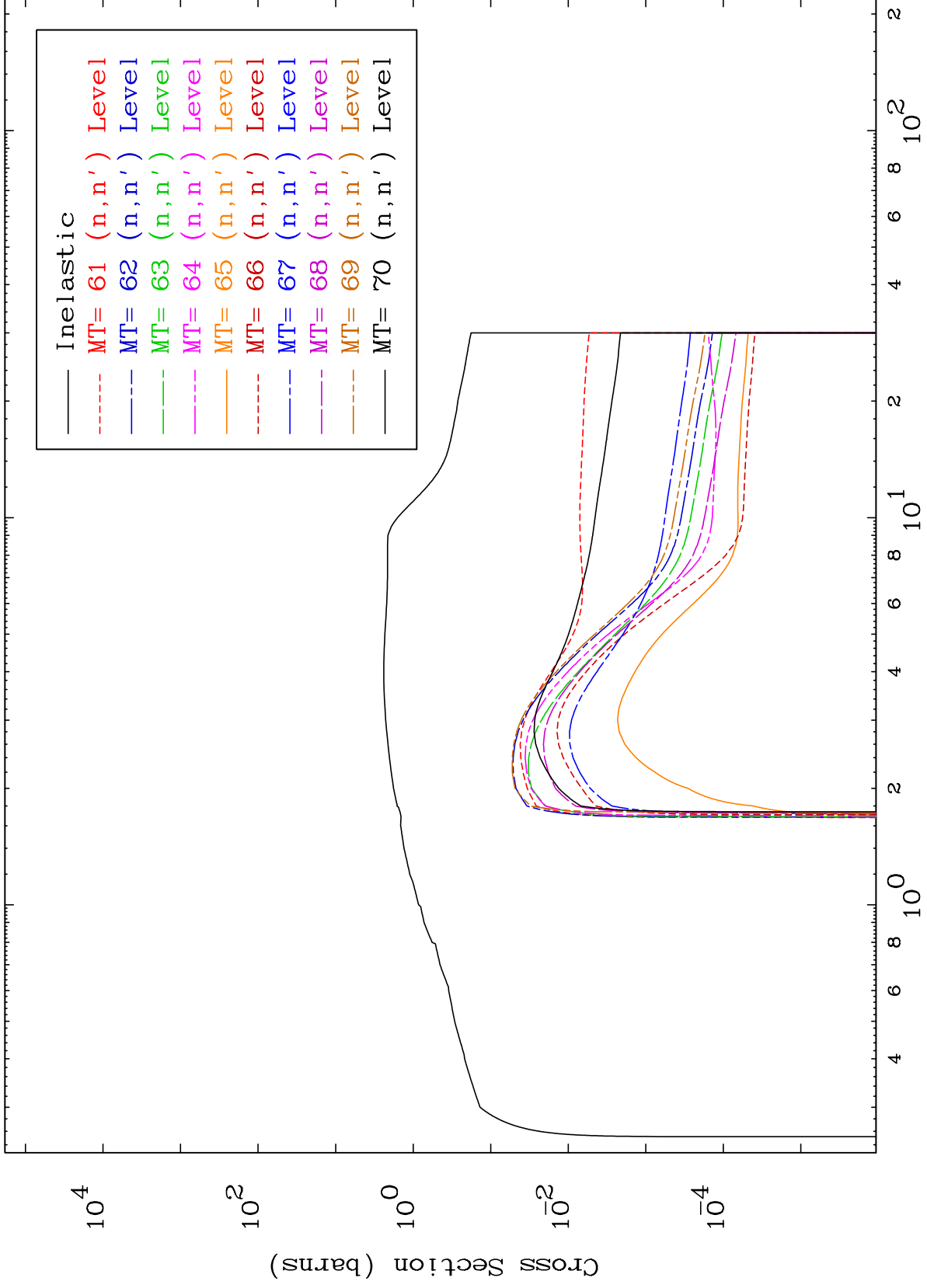
293 Kelvin Cross Sections



MAT 5531

(n,n') Levels
293 Kelvin Cross Sections

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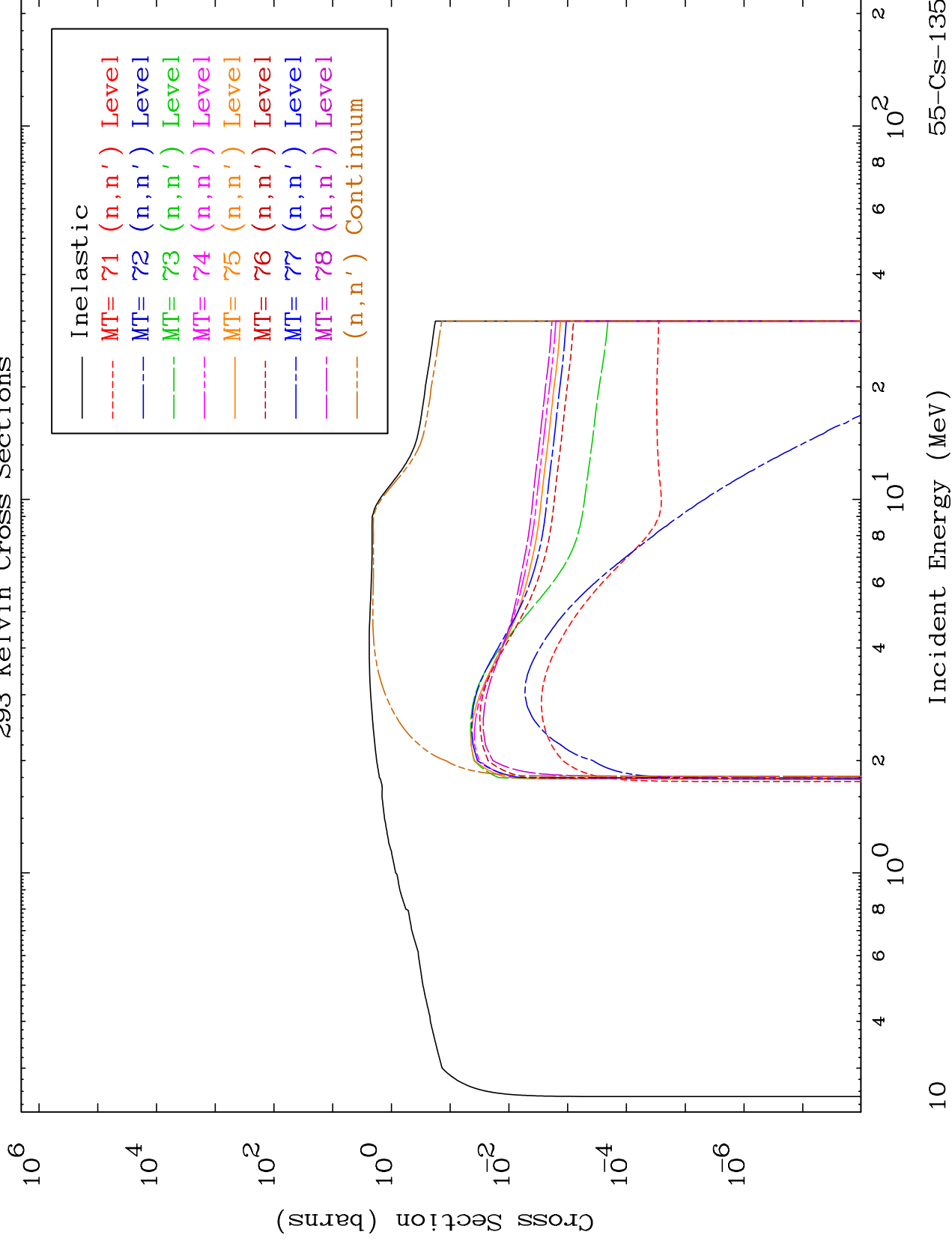


MAT 5531

(n,n') Levels

55-Cs-135

293 Kelvin Cross Sections



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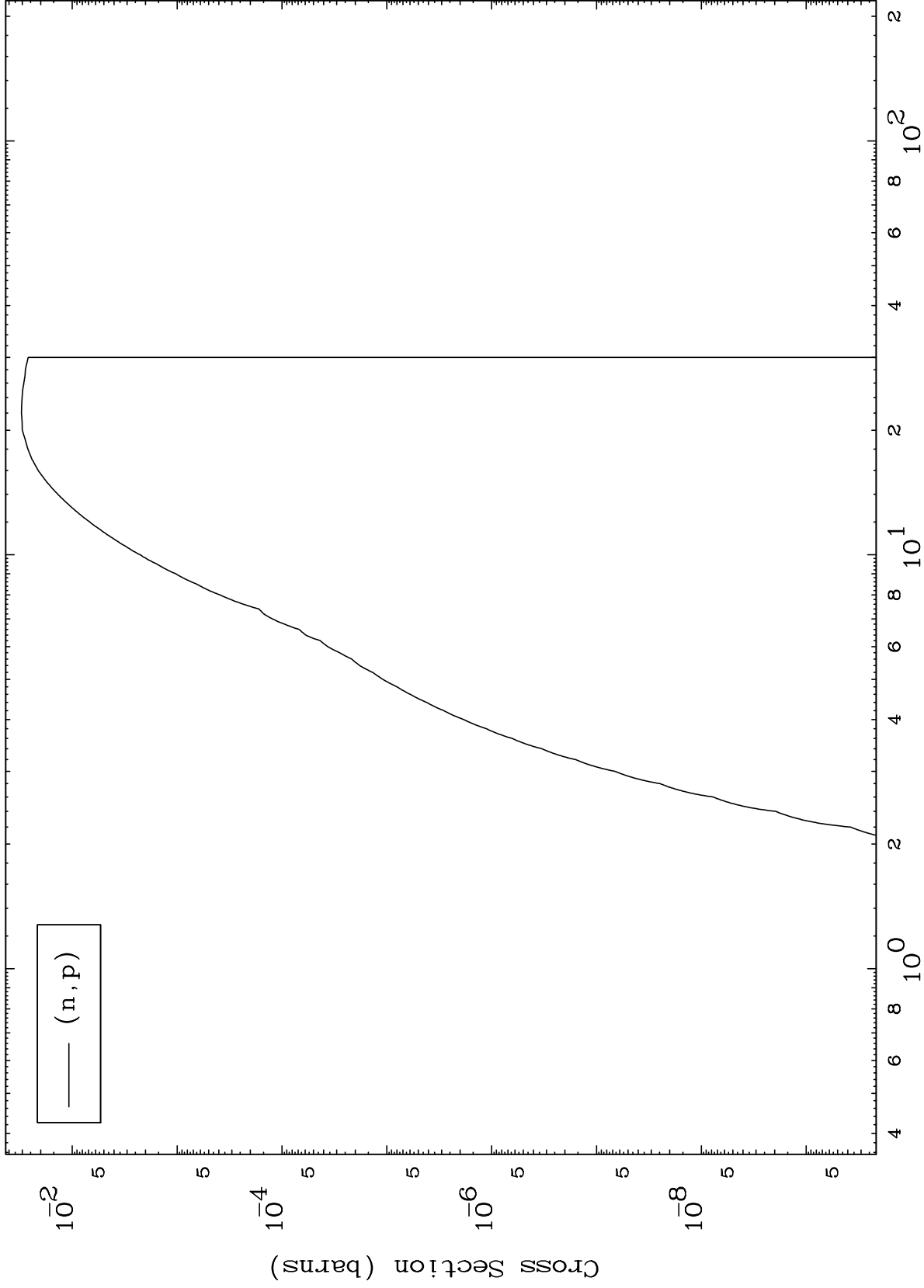
Incident Energy (MeV)

55-Cs-135

MAT 5531

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-135



11

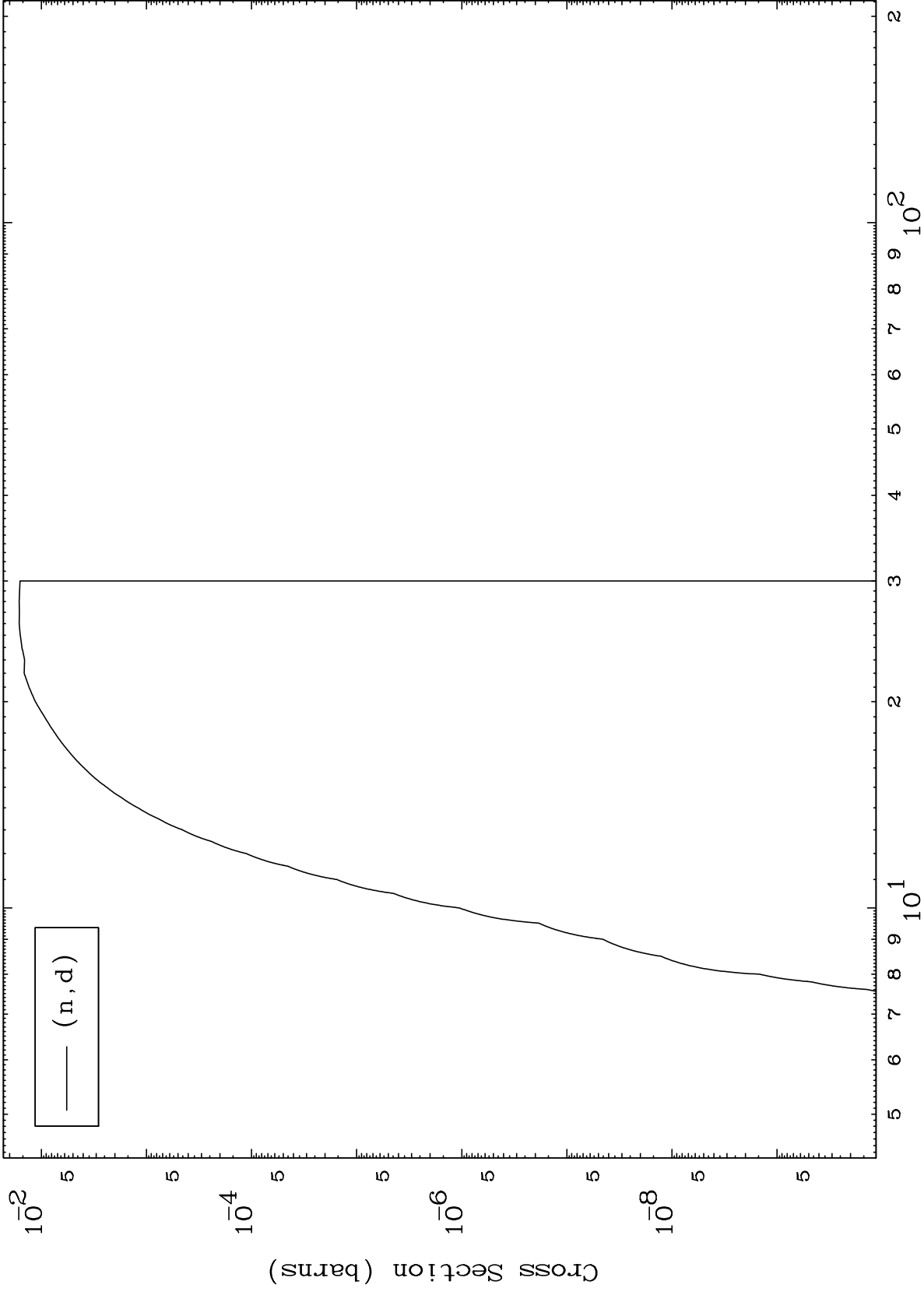
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55-Cs-135

MAT 5531

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-135



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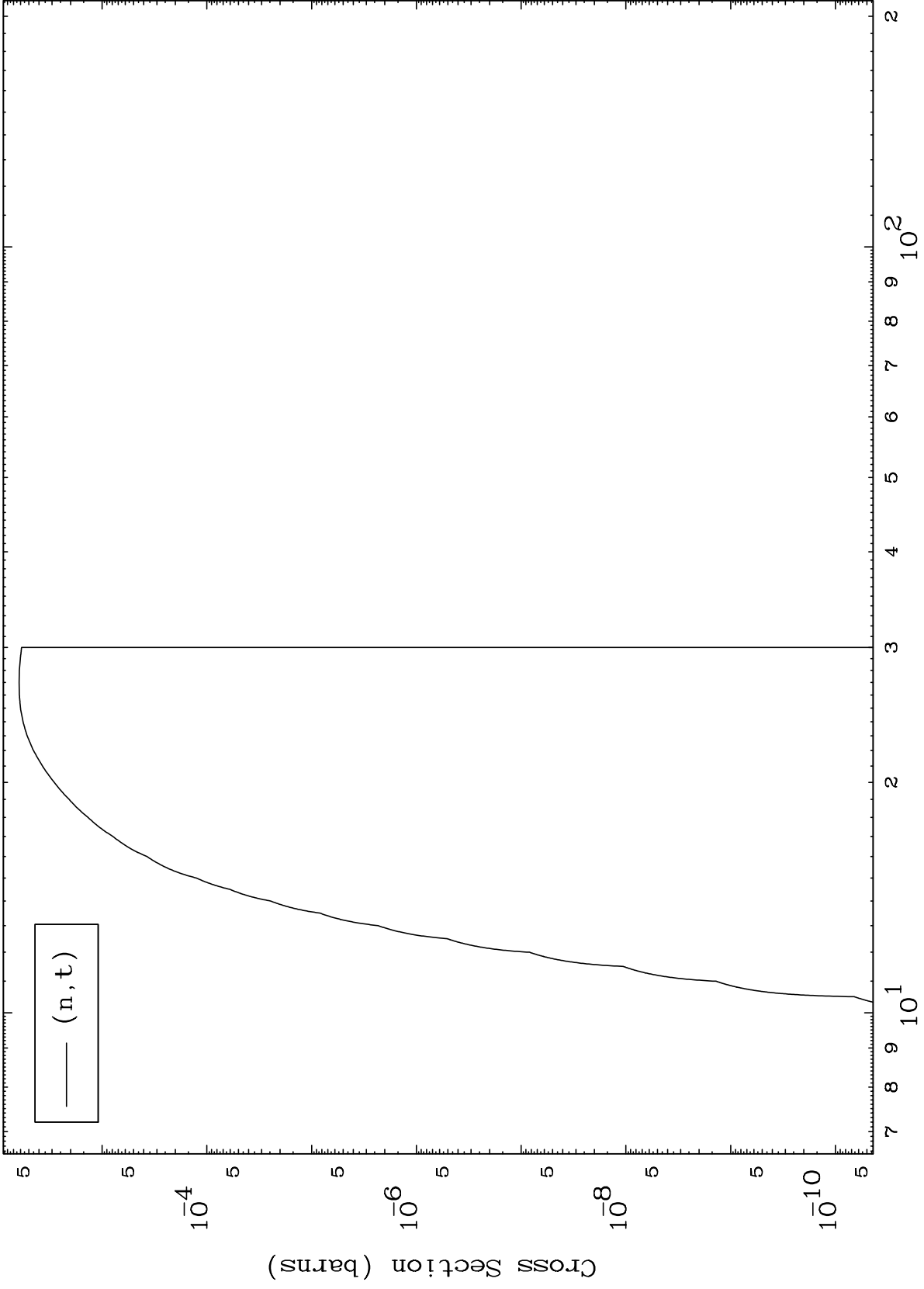
Incident Energy (MeV)

55-Cs-135

MAT 5531

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-135



13

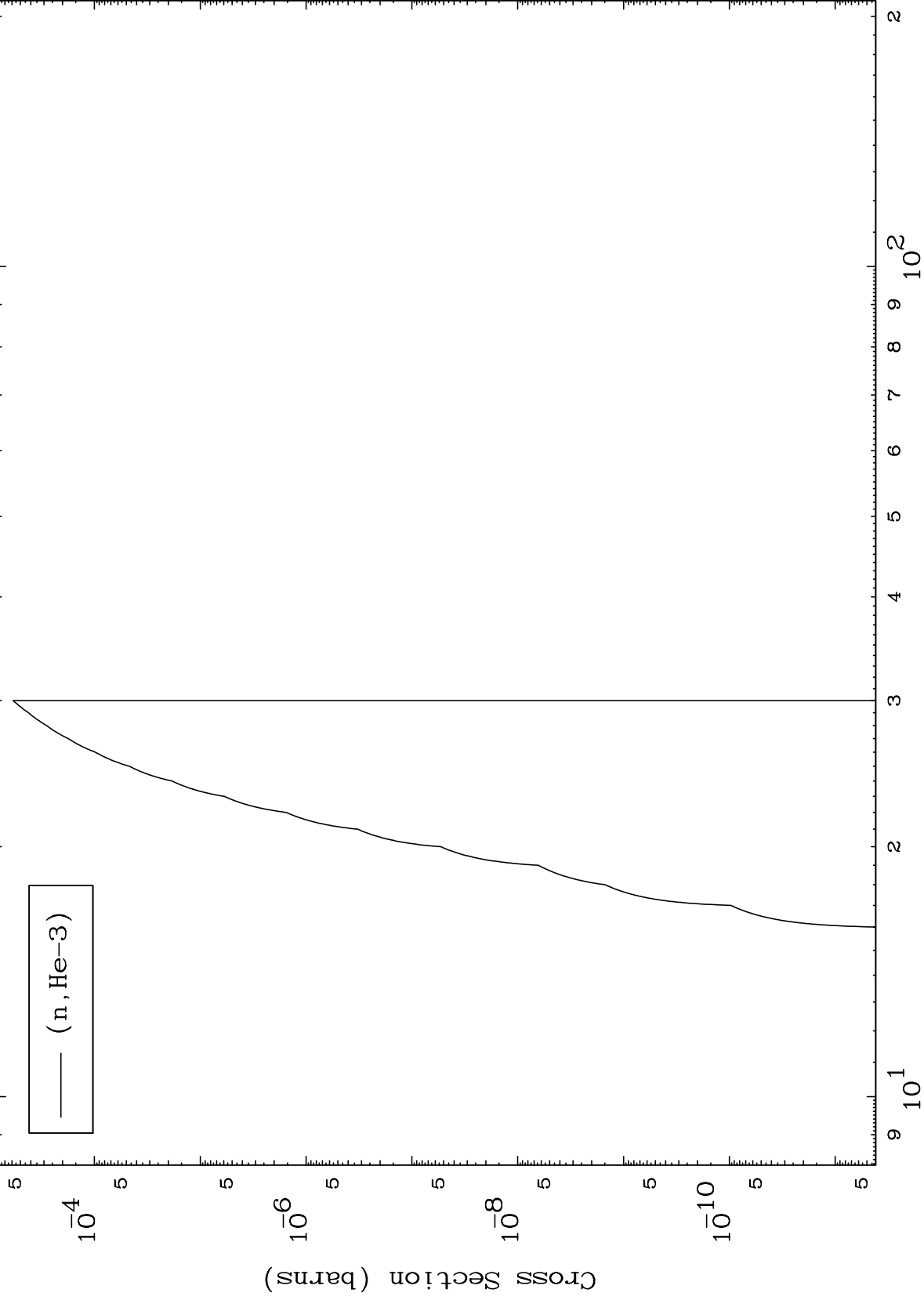
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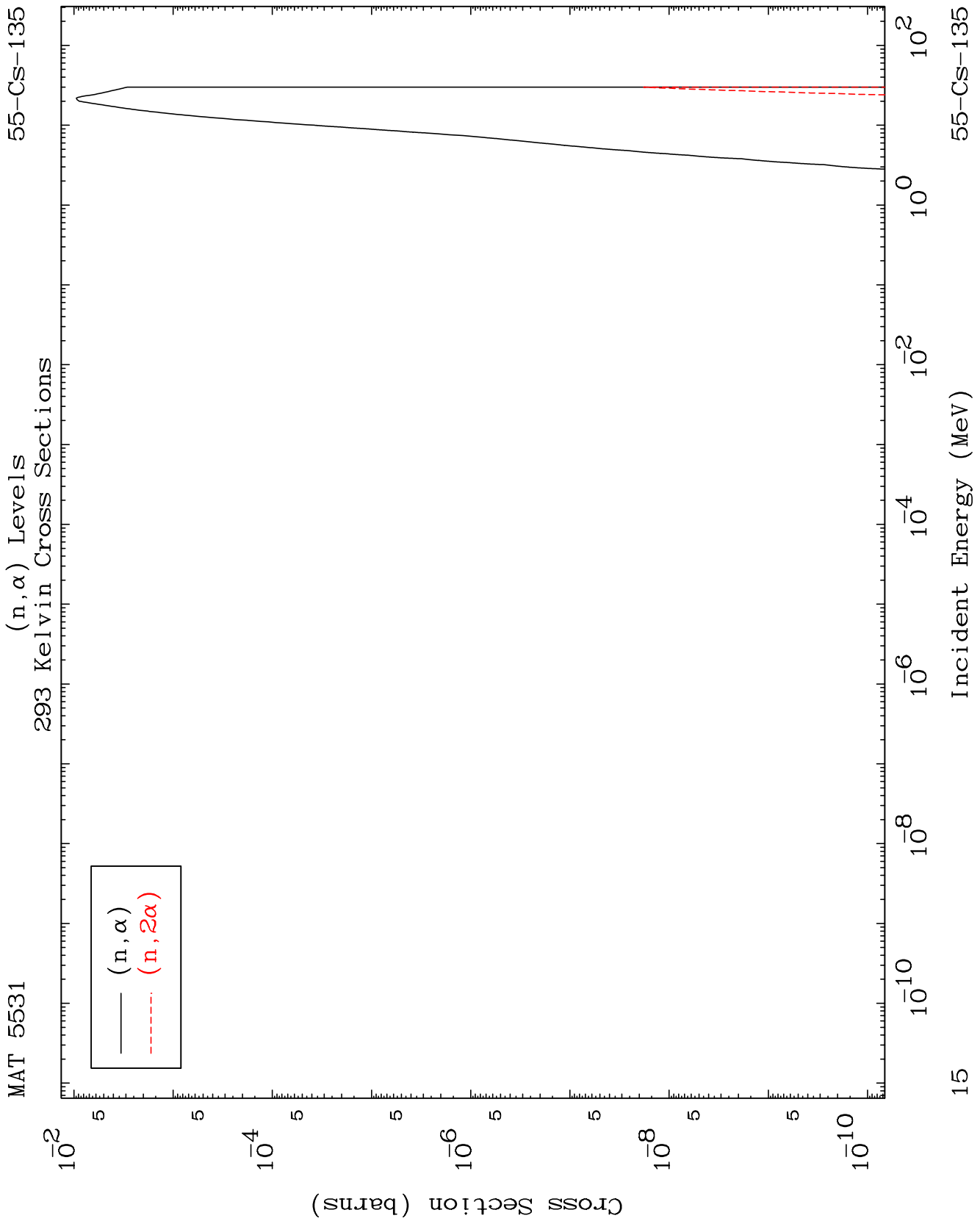
55-Cs-135

MAT 5531

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-135

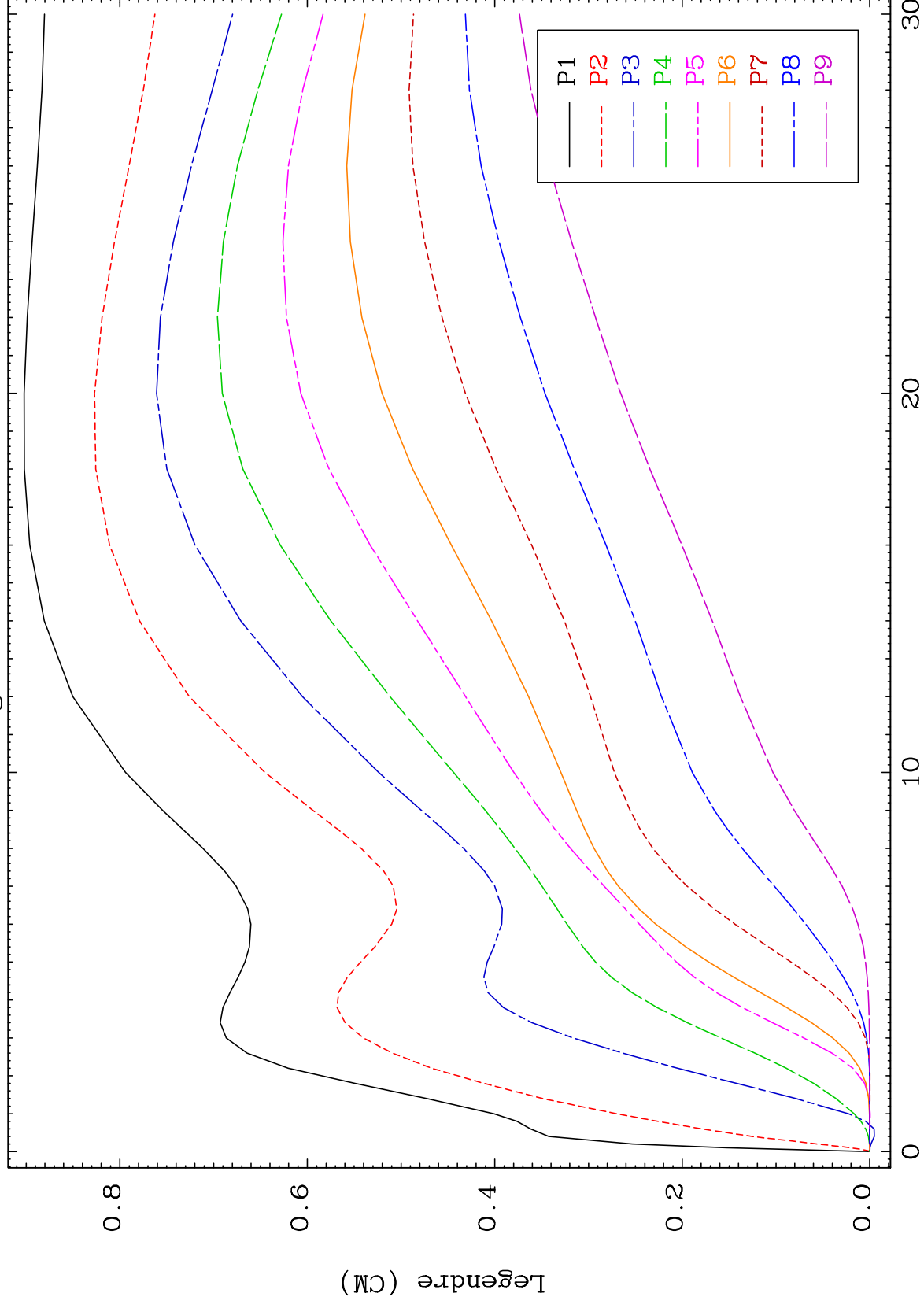




MAT 5531

Elastic Legendre Coefficients

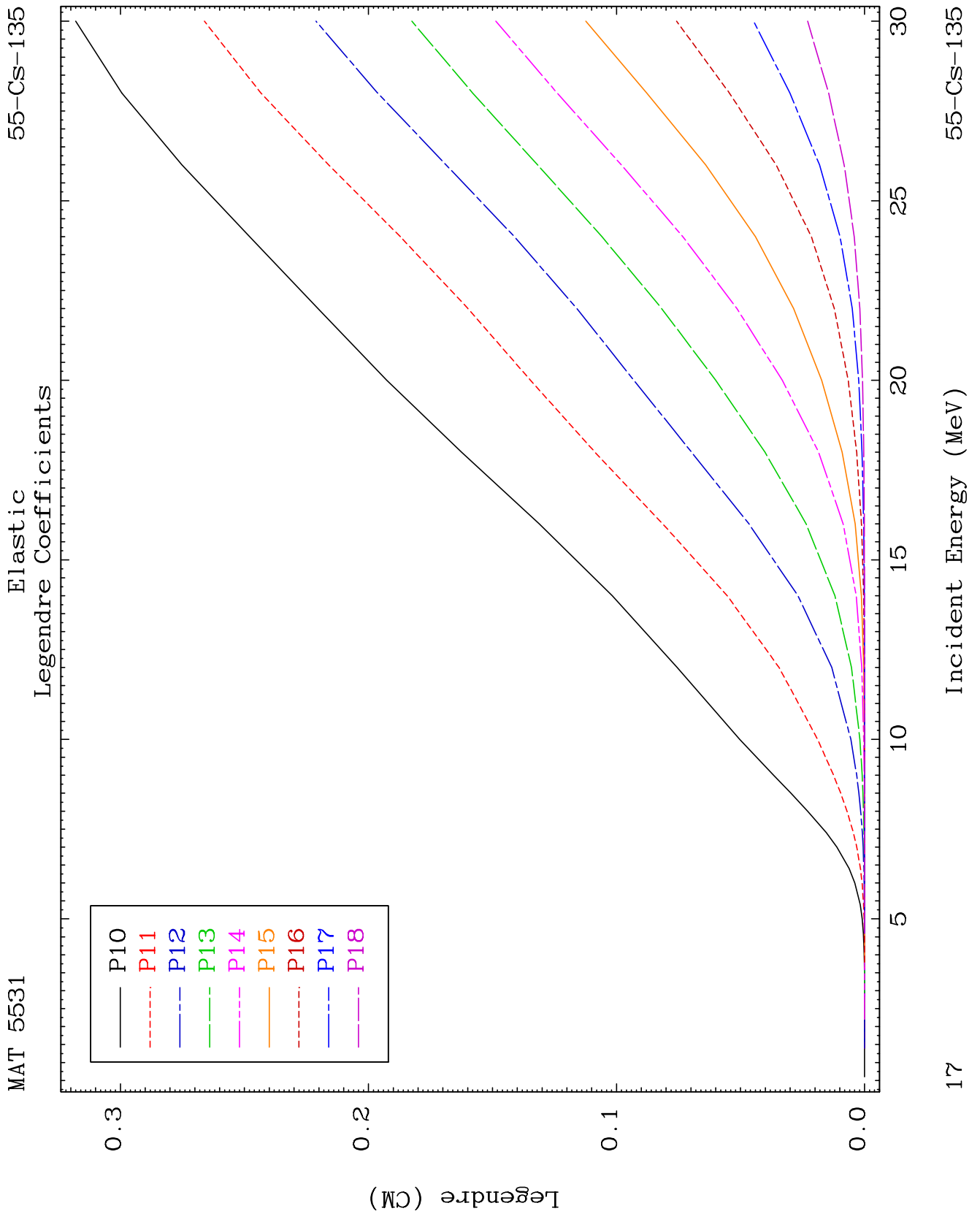
55-Cs-135



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Incident Energy (MeV)

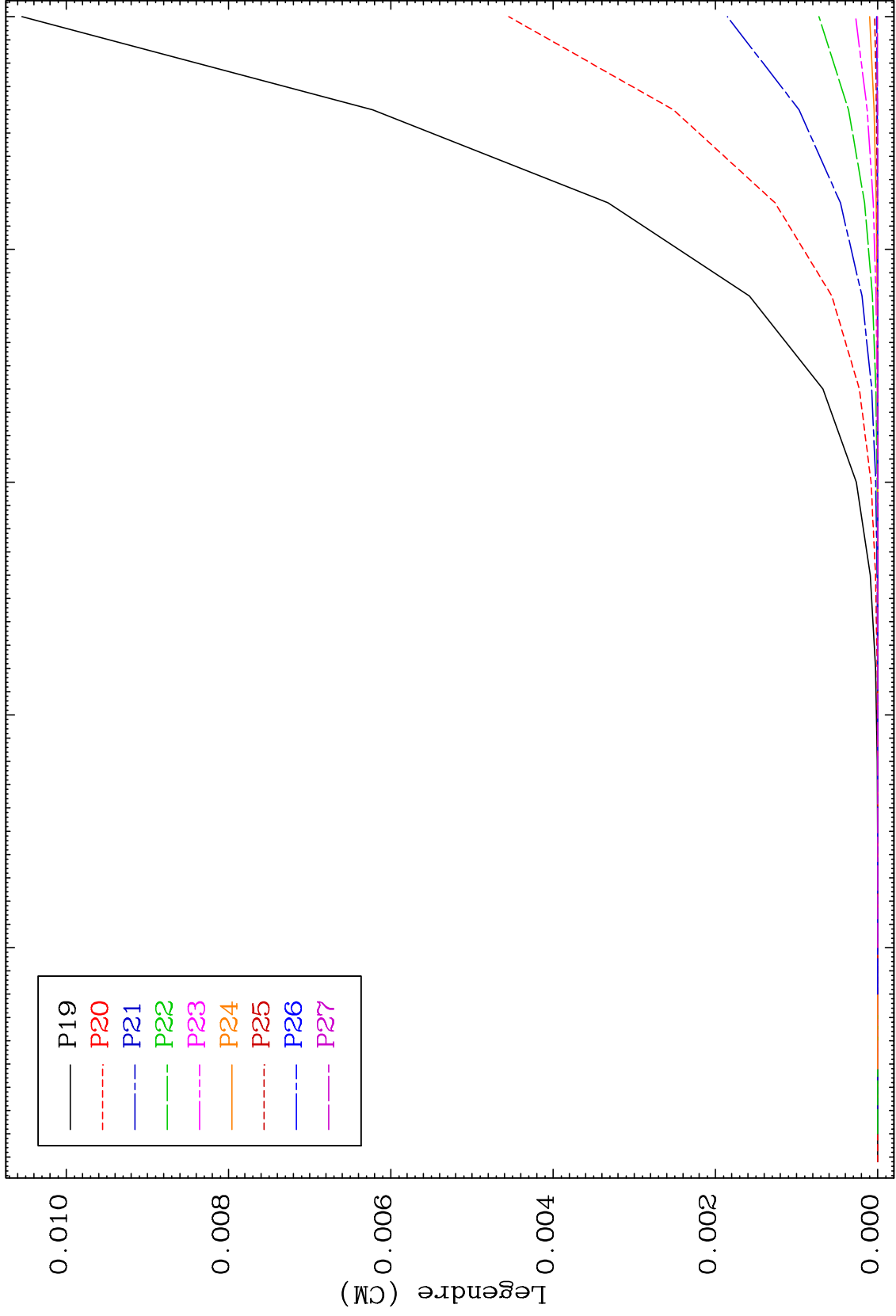
55-Cs-135



MAT 5531

Elastic Legendre Coefficients

55-Cs-135



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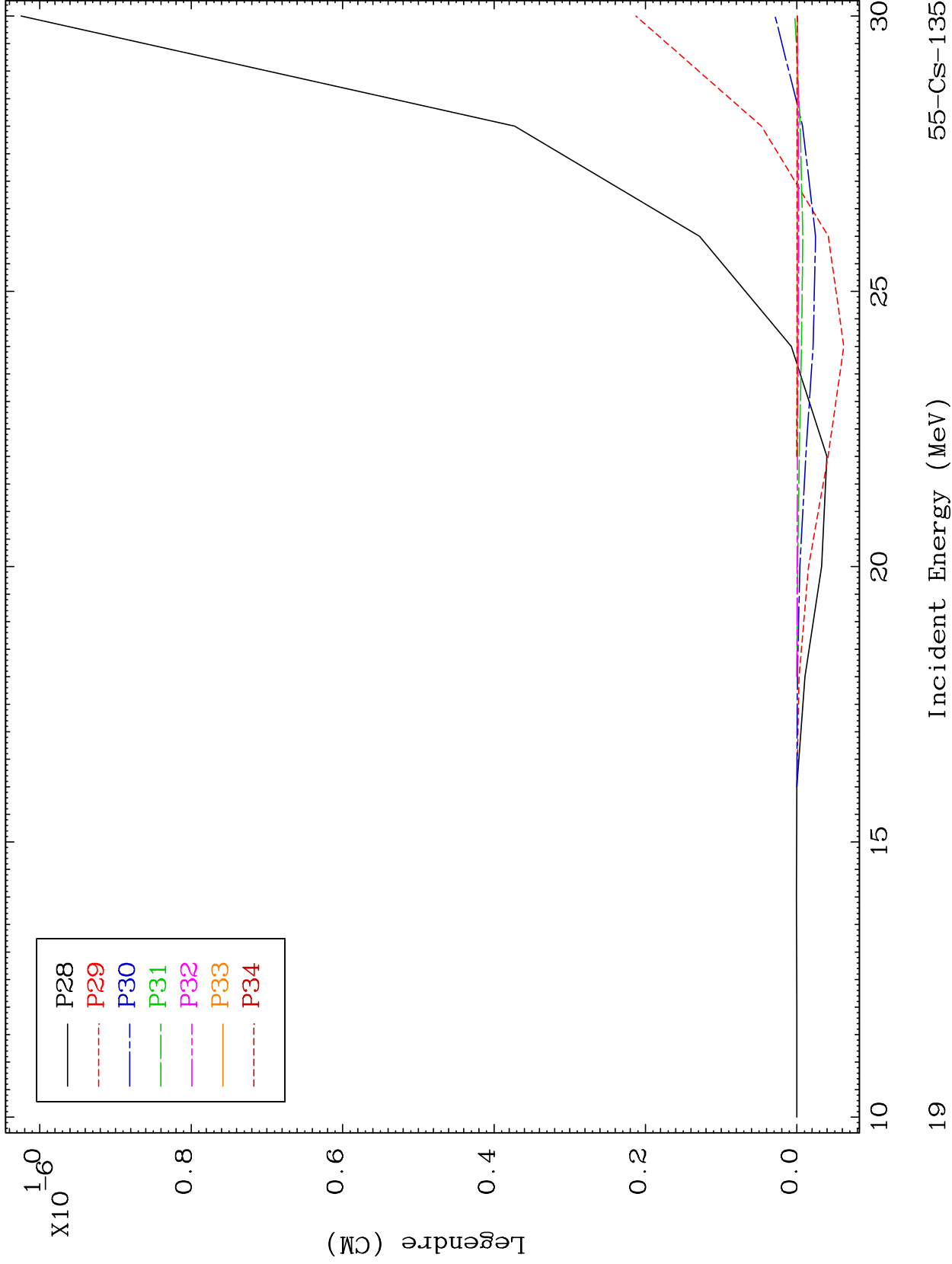
Incident Energy (MeV)

55-Cs-135

MAT 5531

Elastic Legendre Coefficients

55-Cs-135



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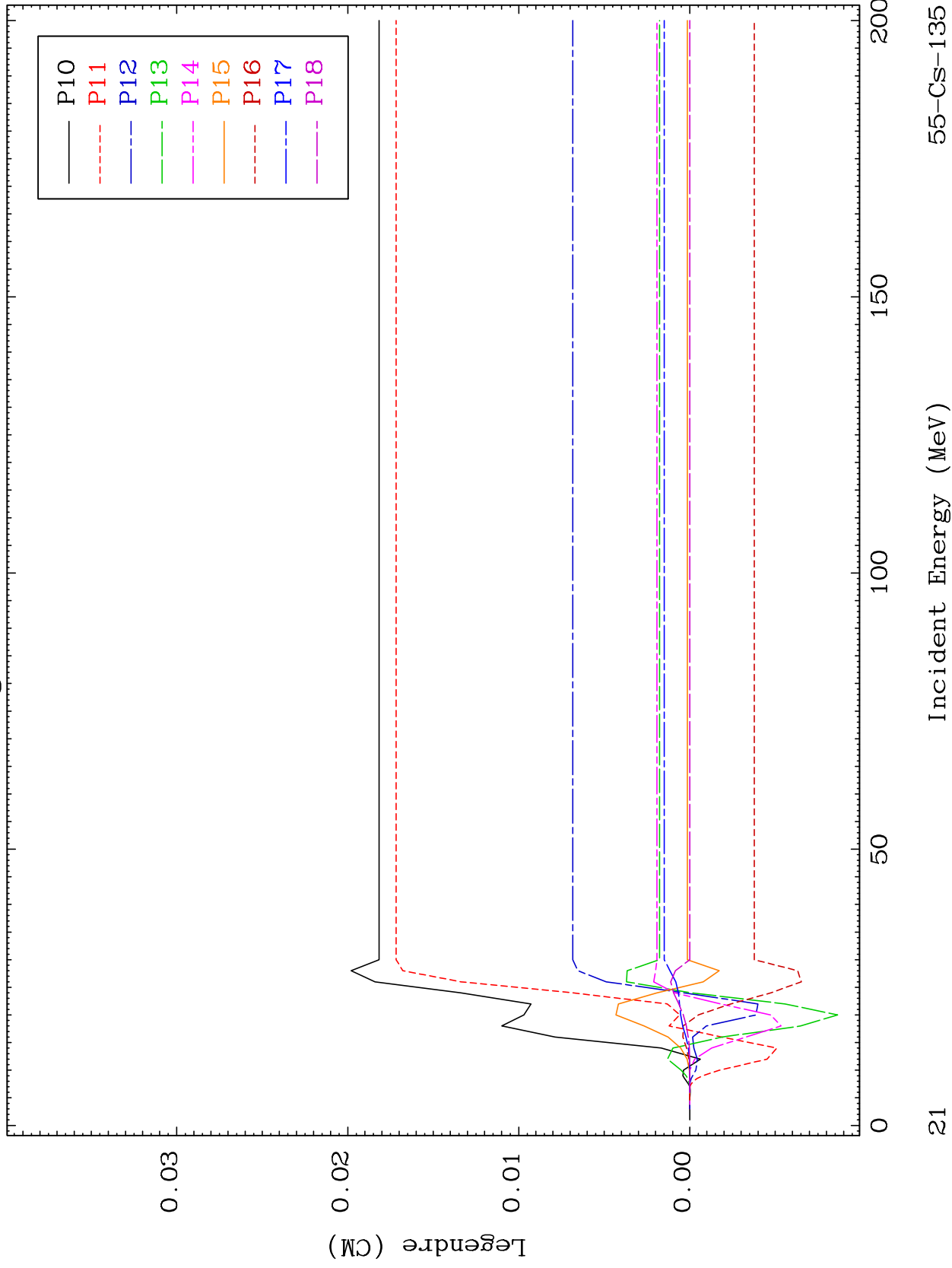
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

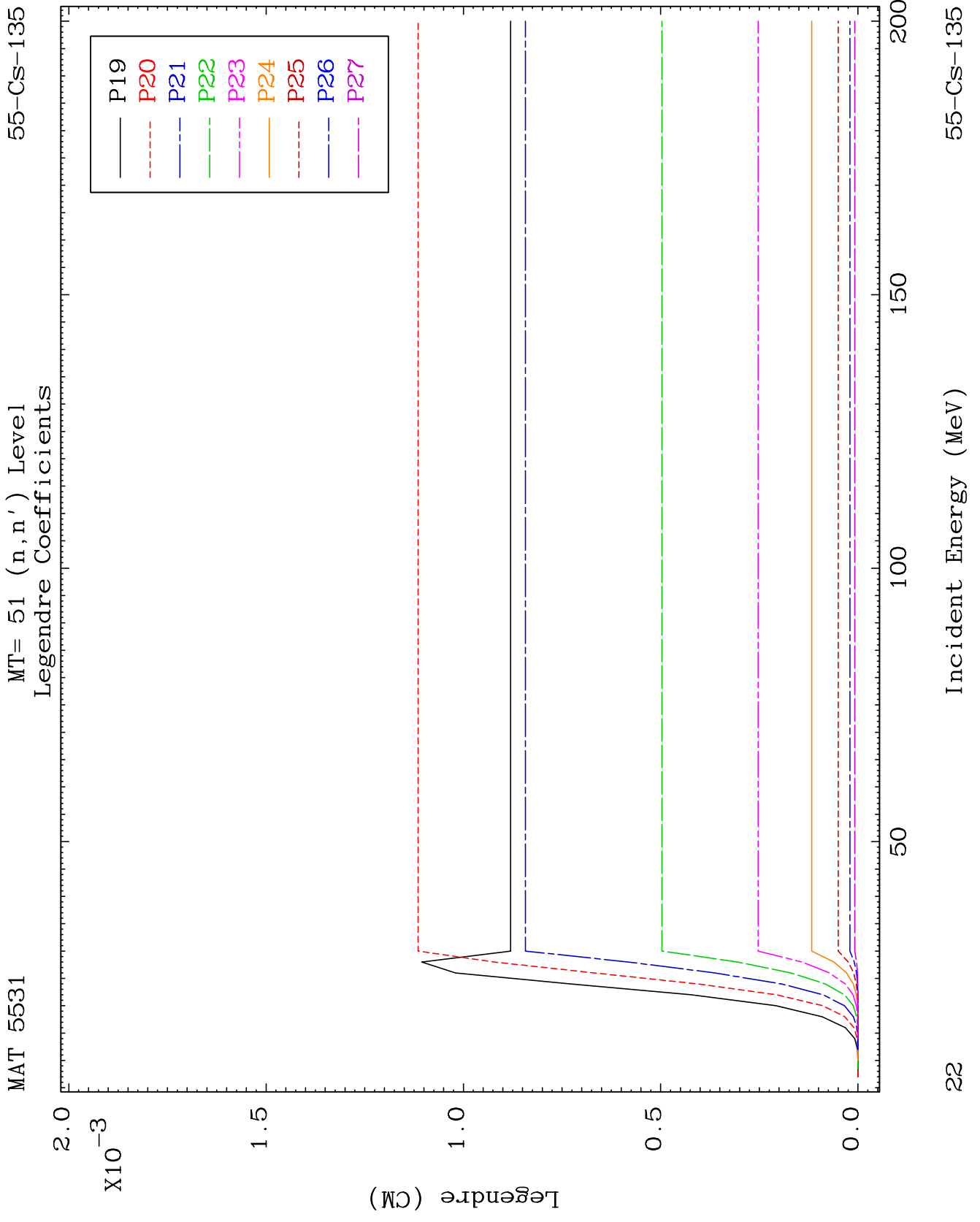
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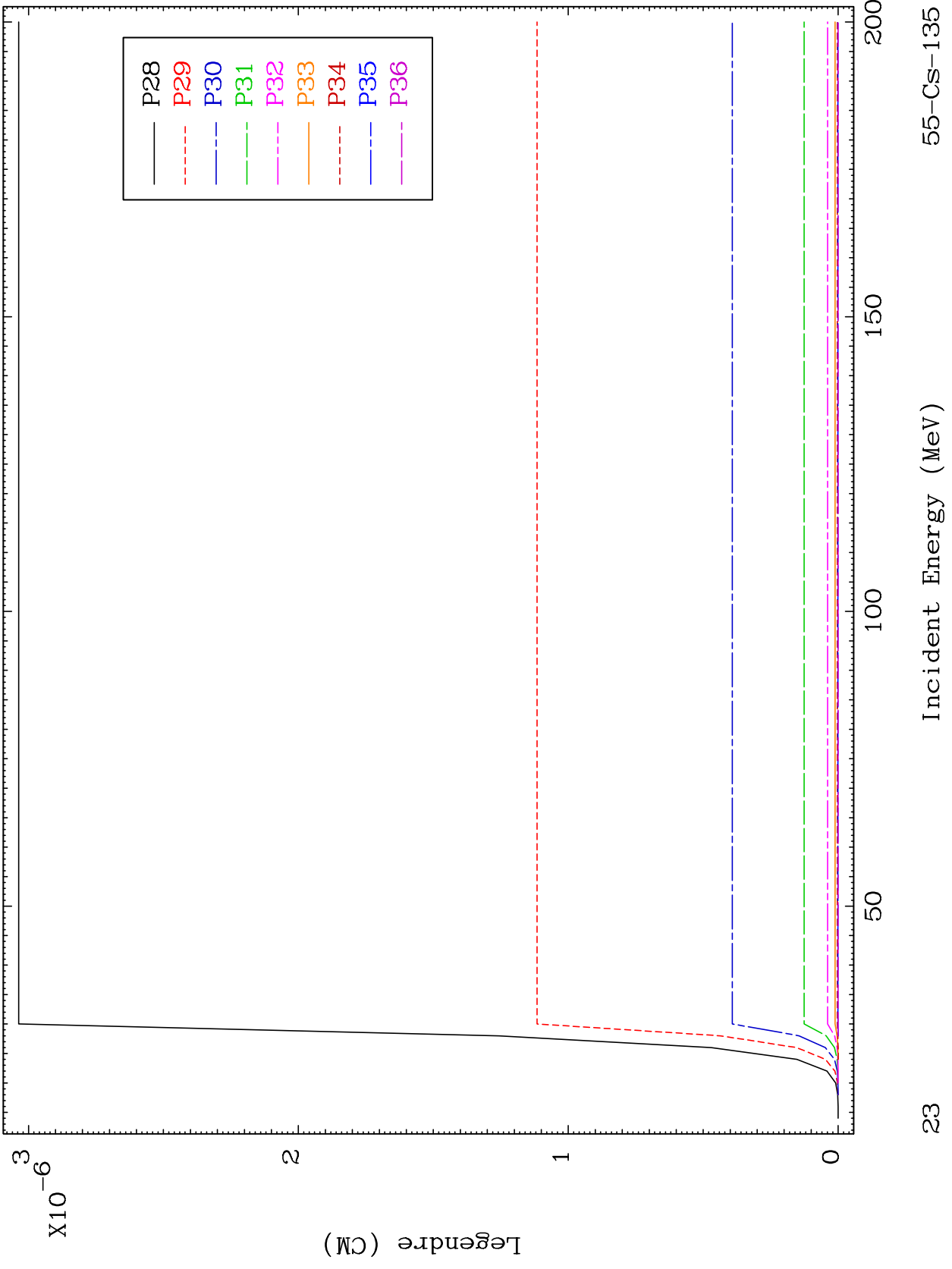
21

Incident Energy (MeV)

55-Cs-135



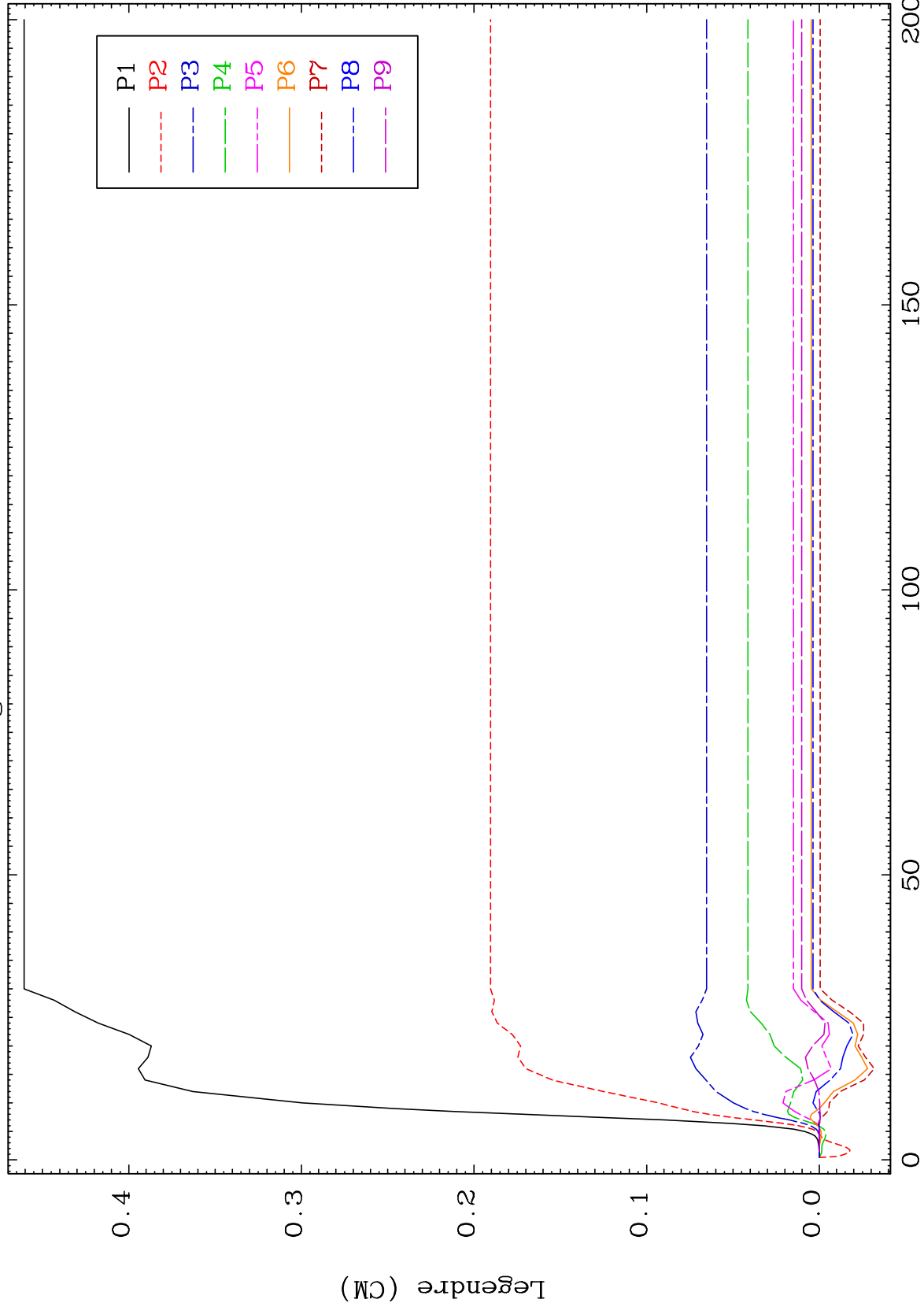
MAT 5531 MT= 51 (n,n') Level Legendre Coefficients 55-Cs-135



MAT 5531

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

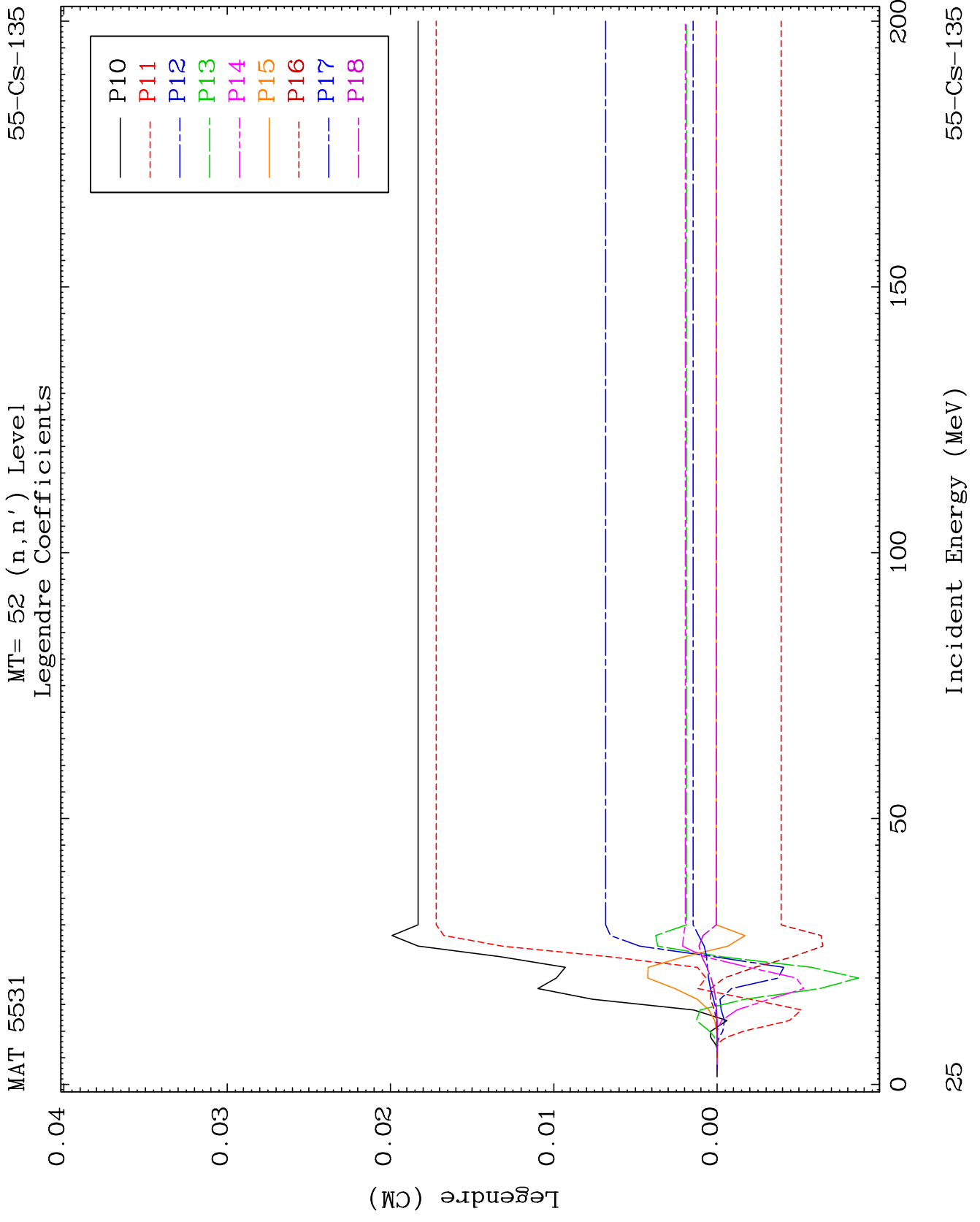
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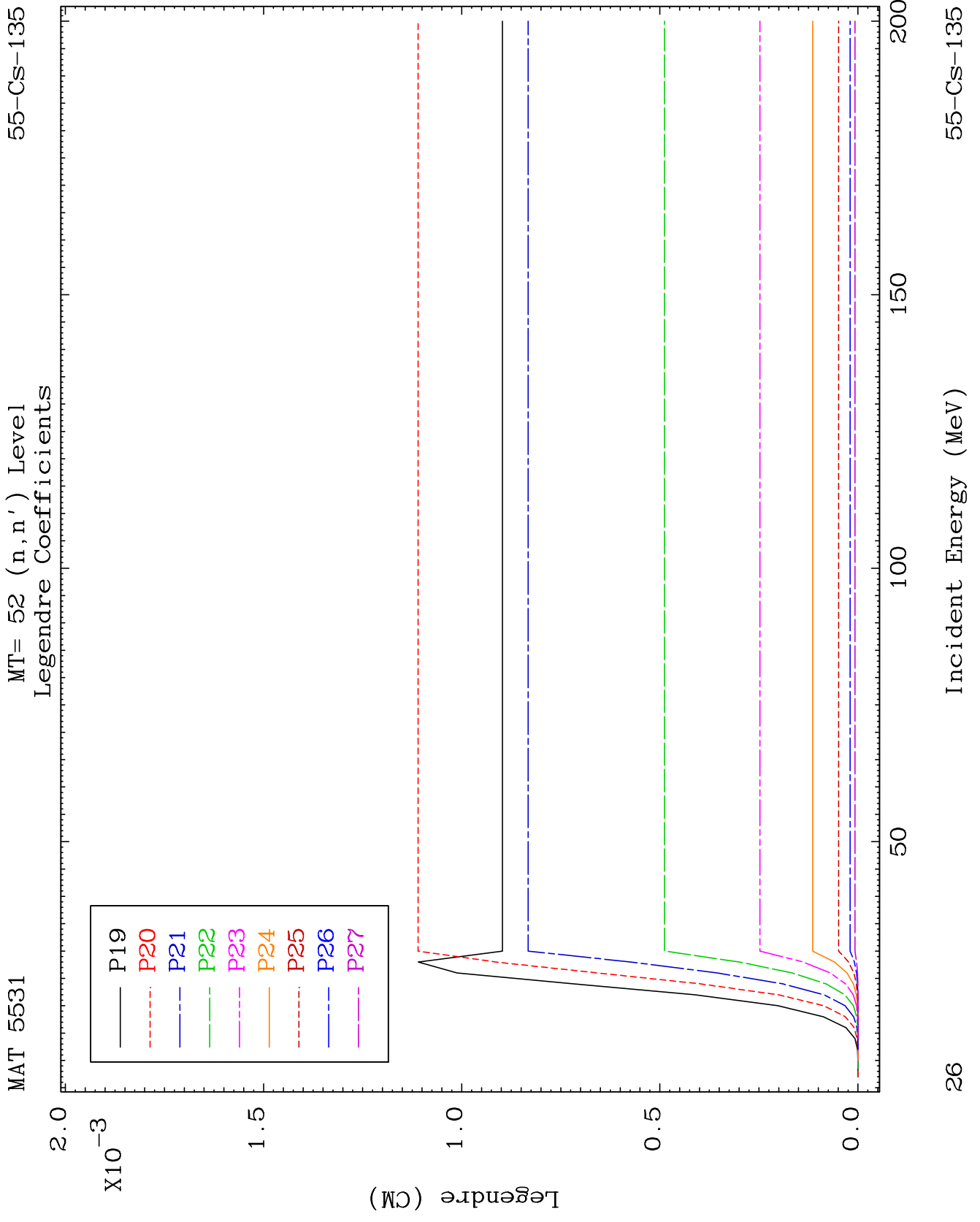


24

Incident Energy (MeV)

55-Cs-135

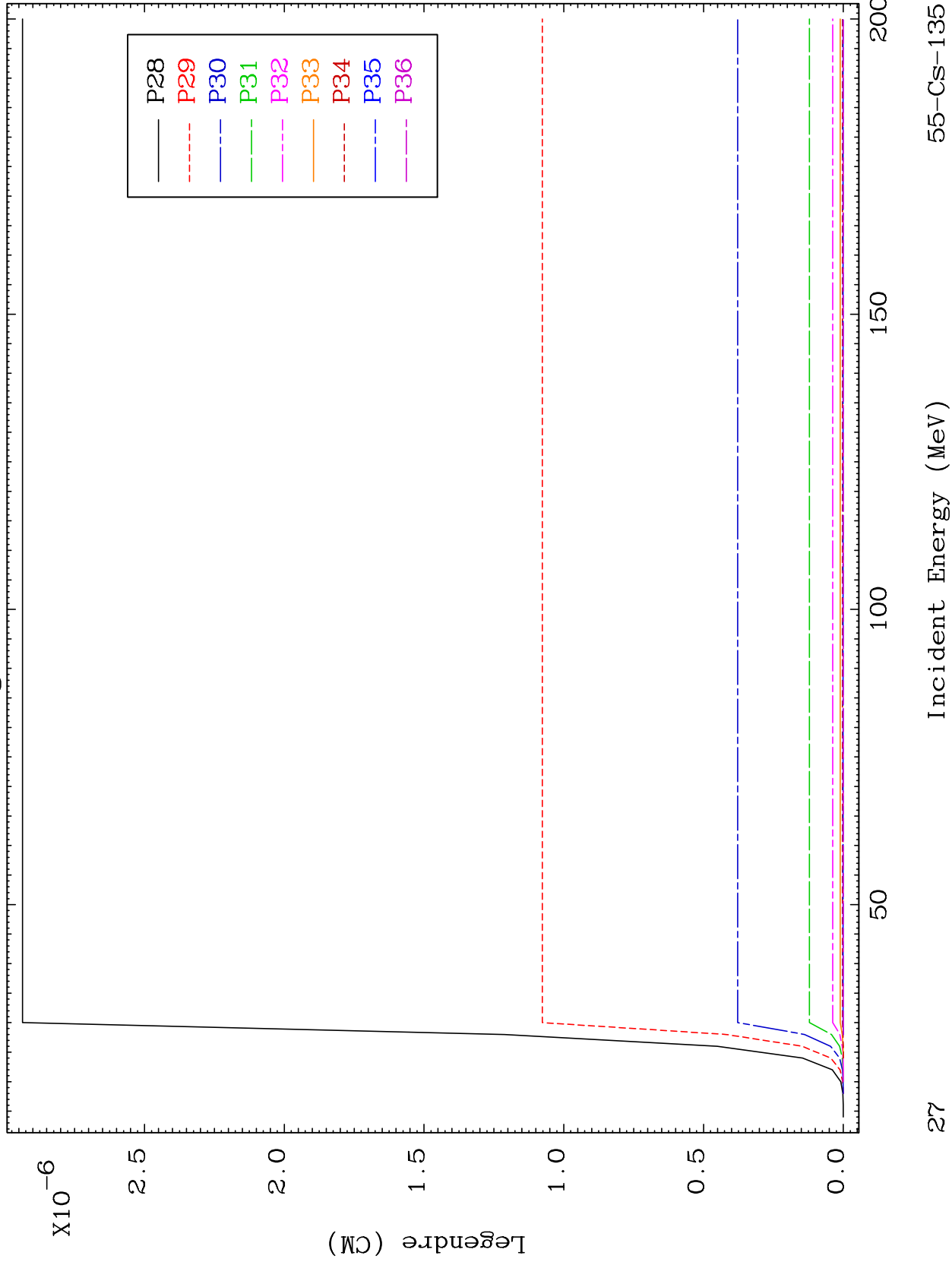


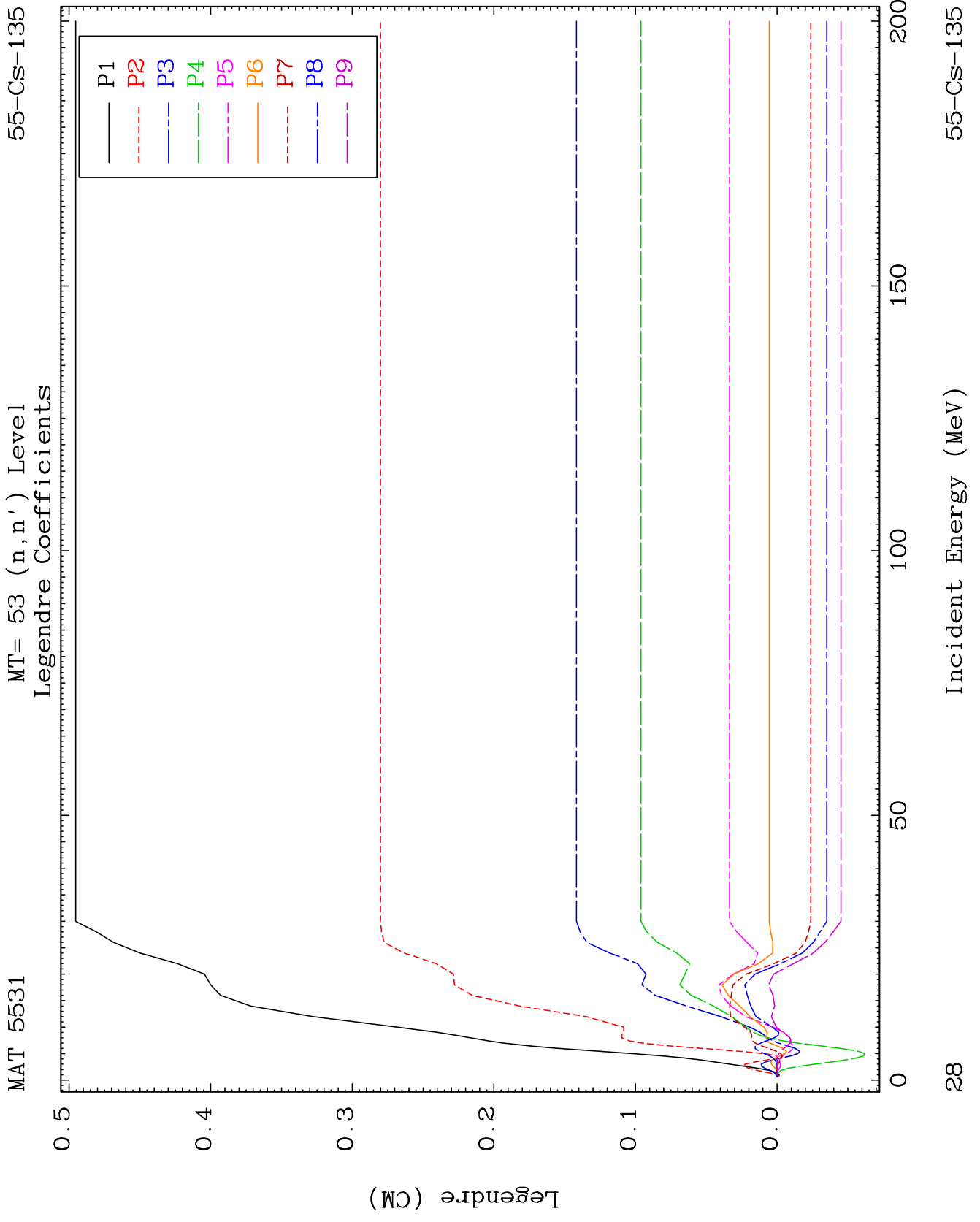


MAT 5531

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

55-Cs-135

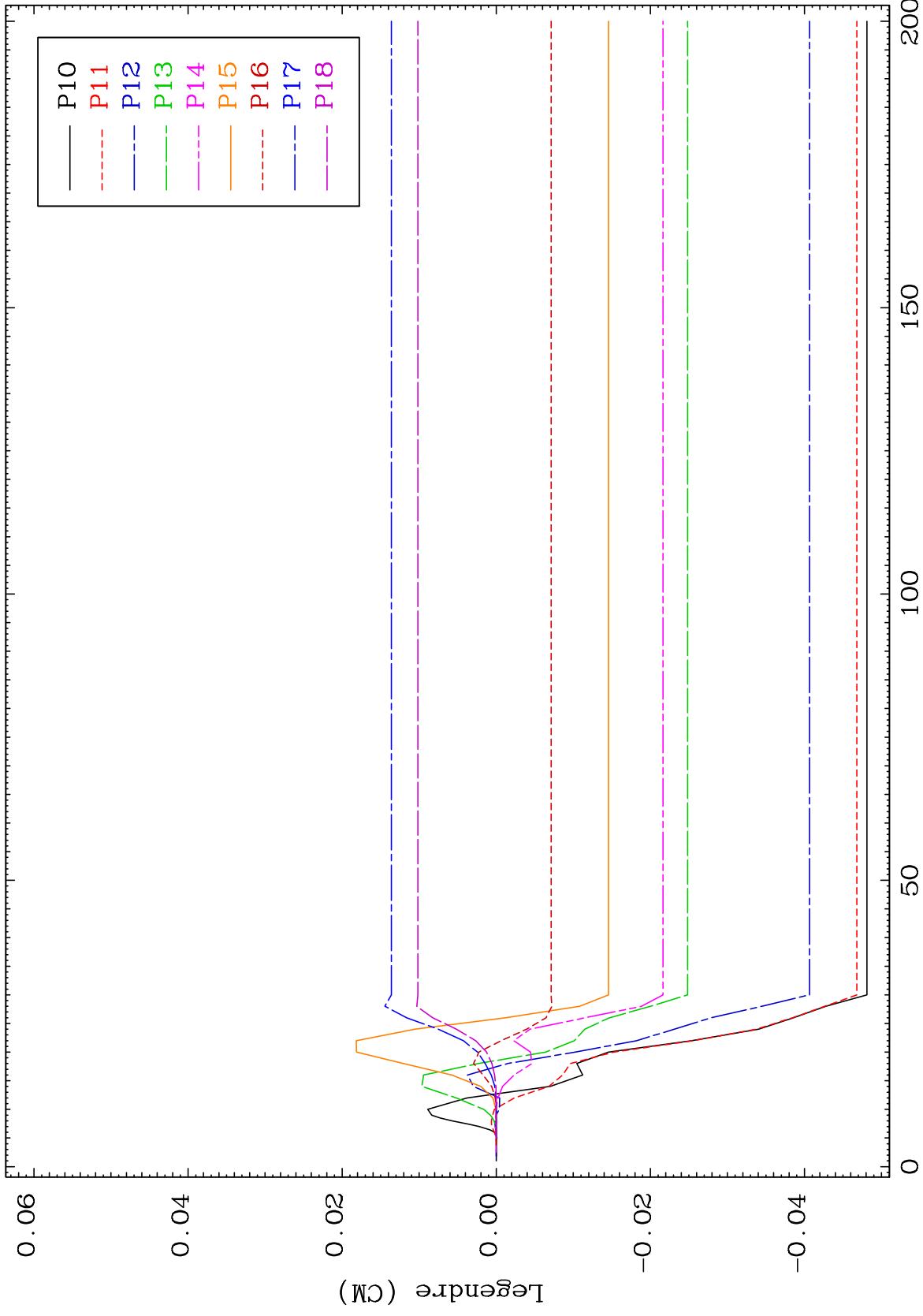




MAT 5531

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

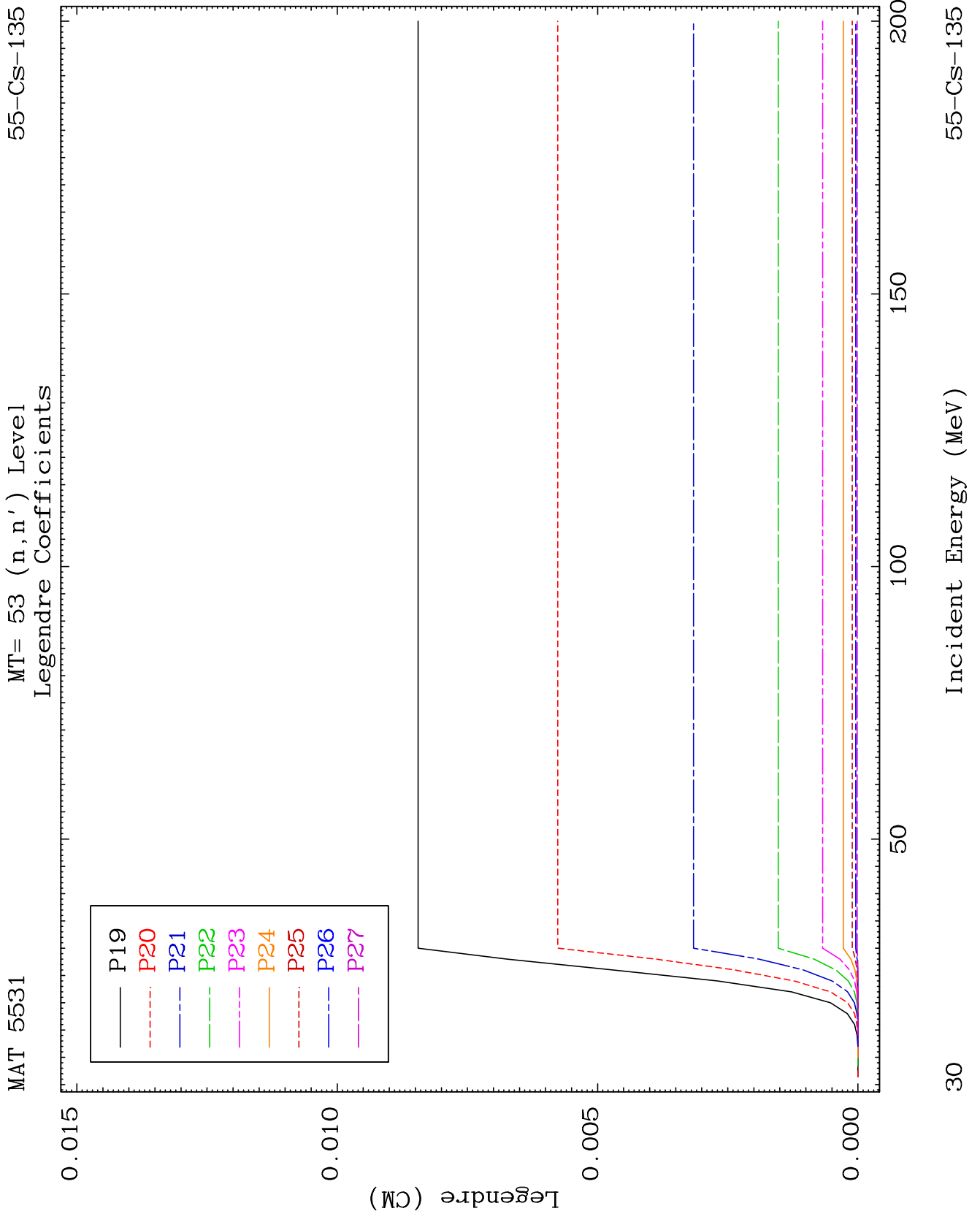
55-Cs-135



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Incident Energy (MeV)

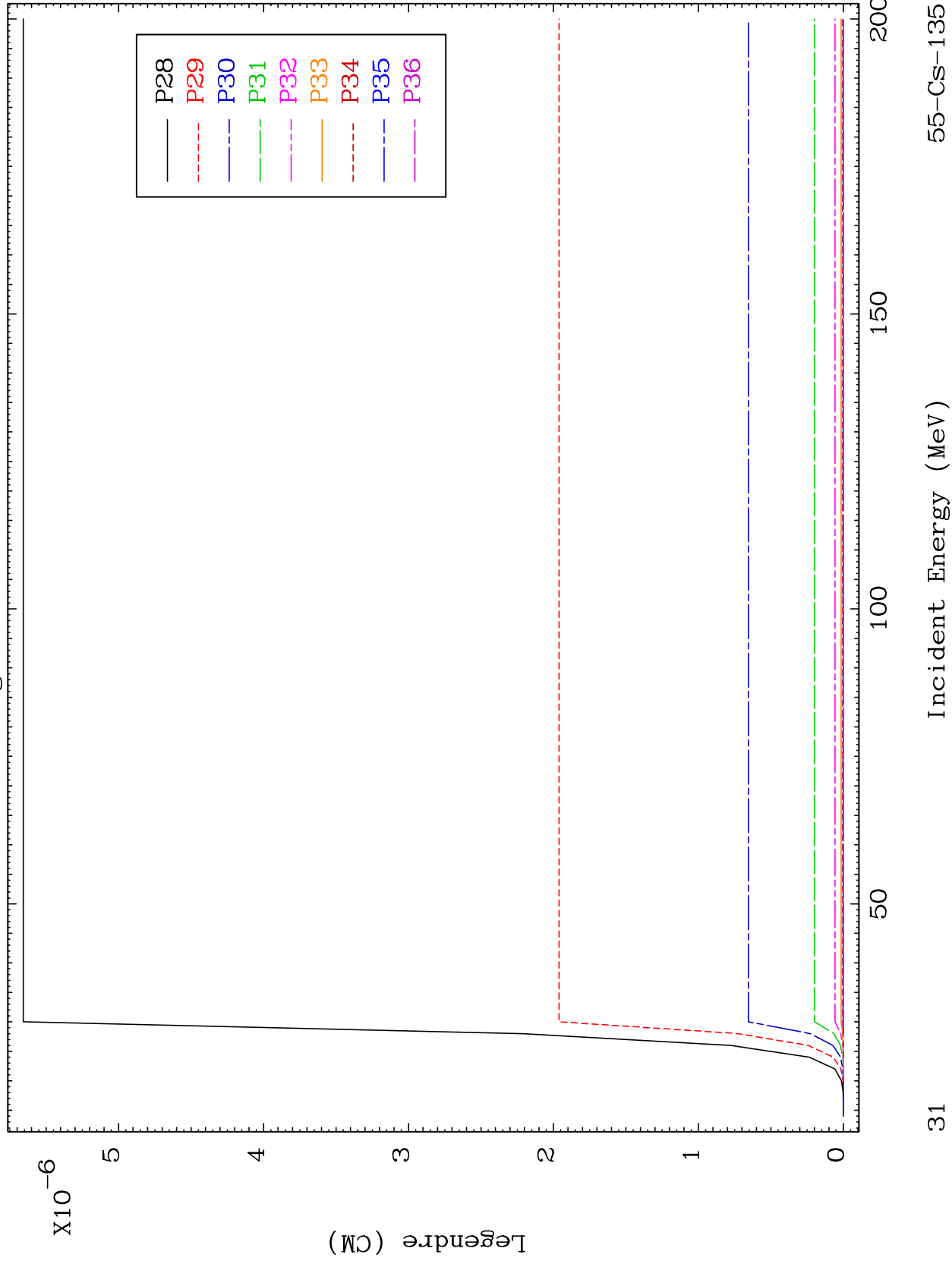
55-Cs-135

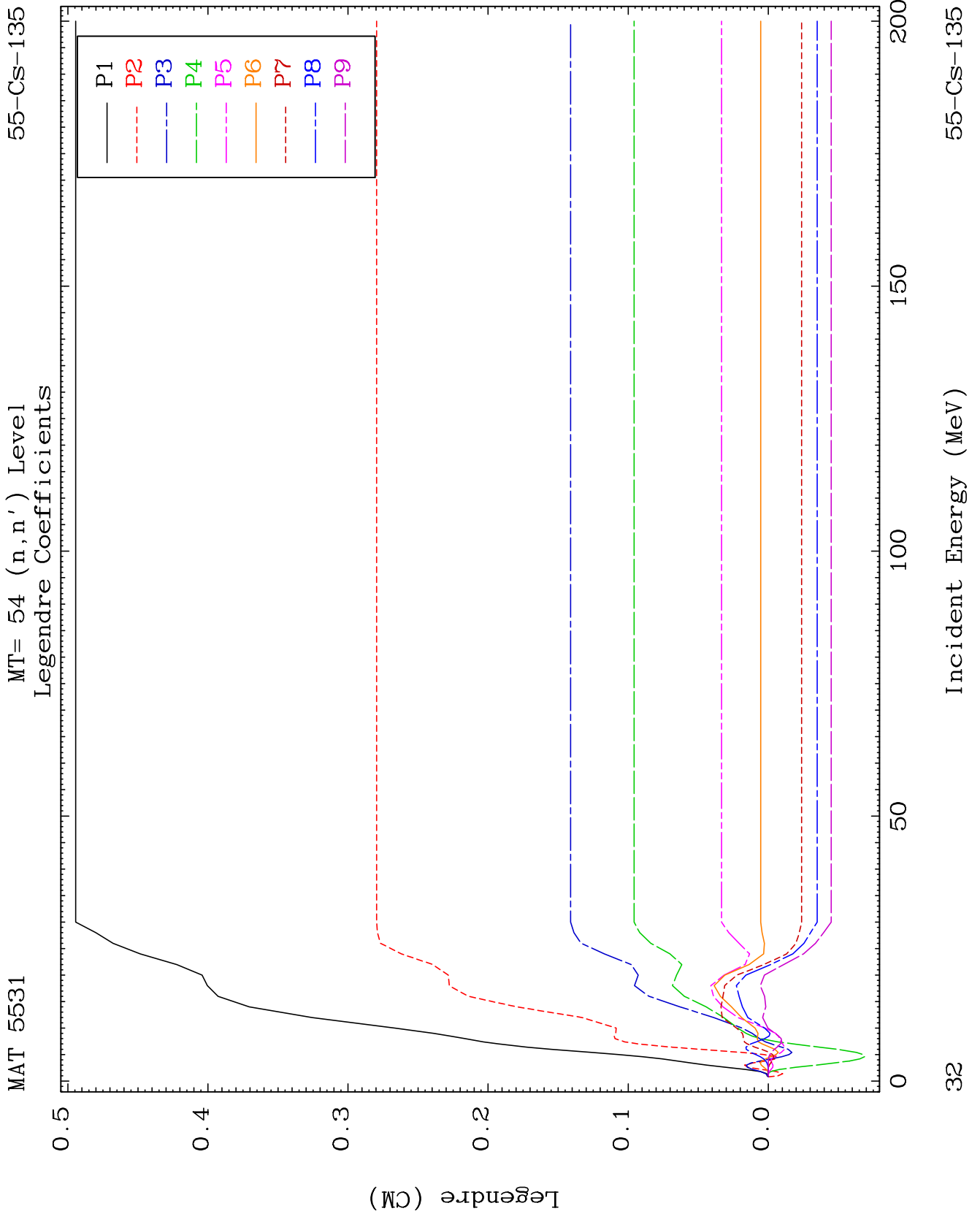


MAT 5531

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

55-Cs-135

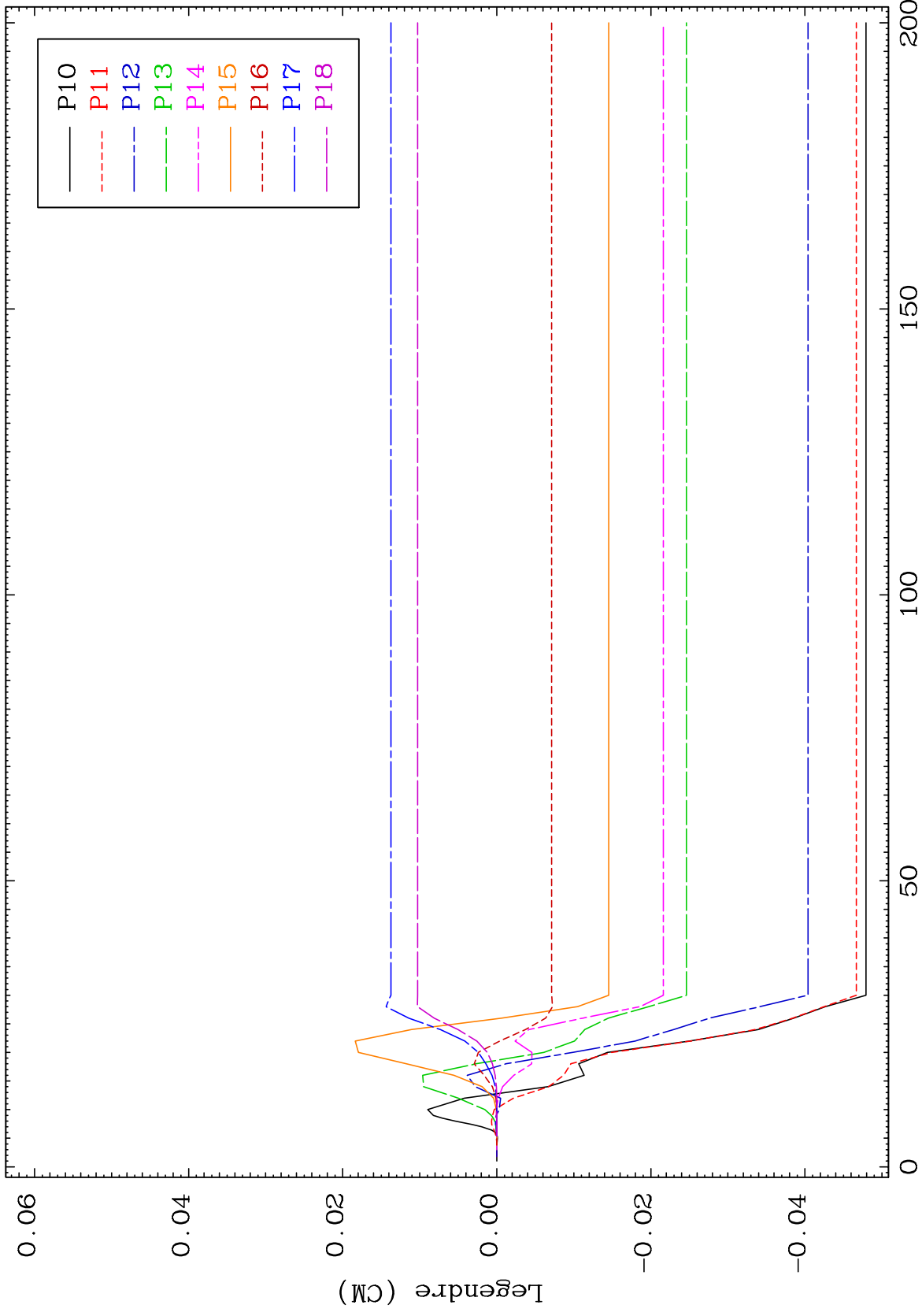




MAT 5531

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

55-Cs-135



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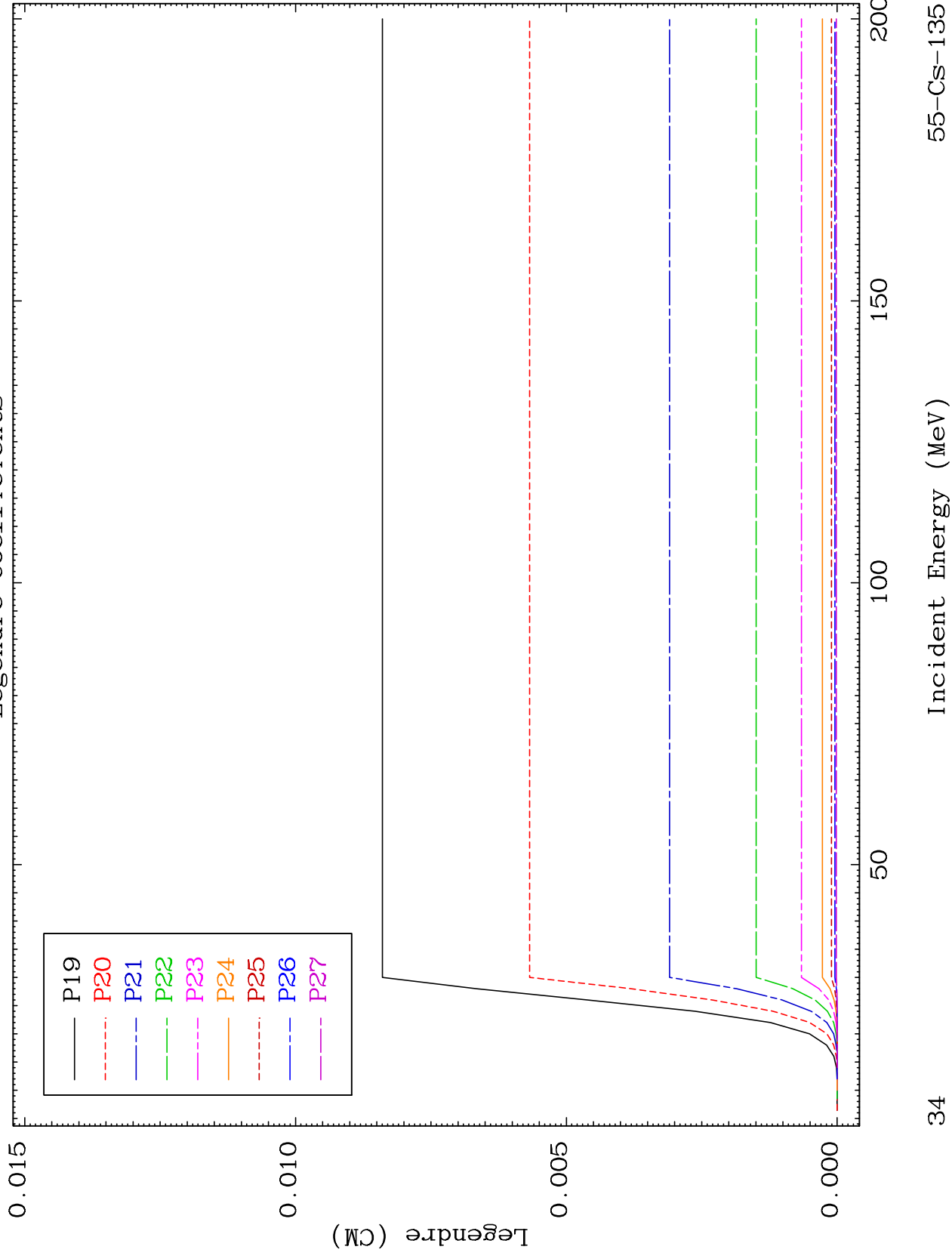
Incident Energy (MeV)

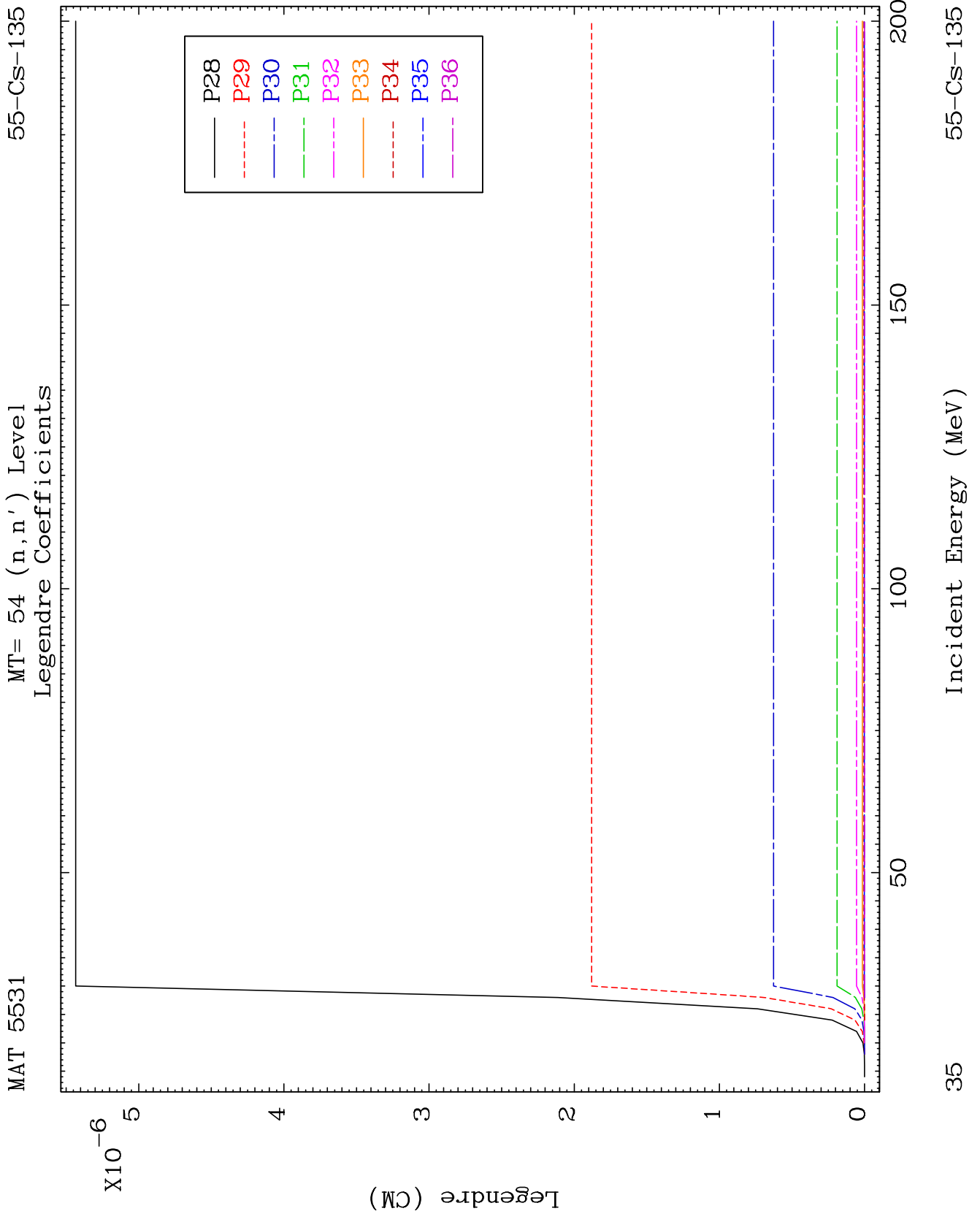
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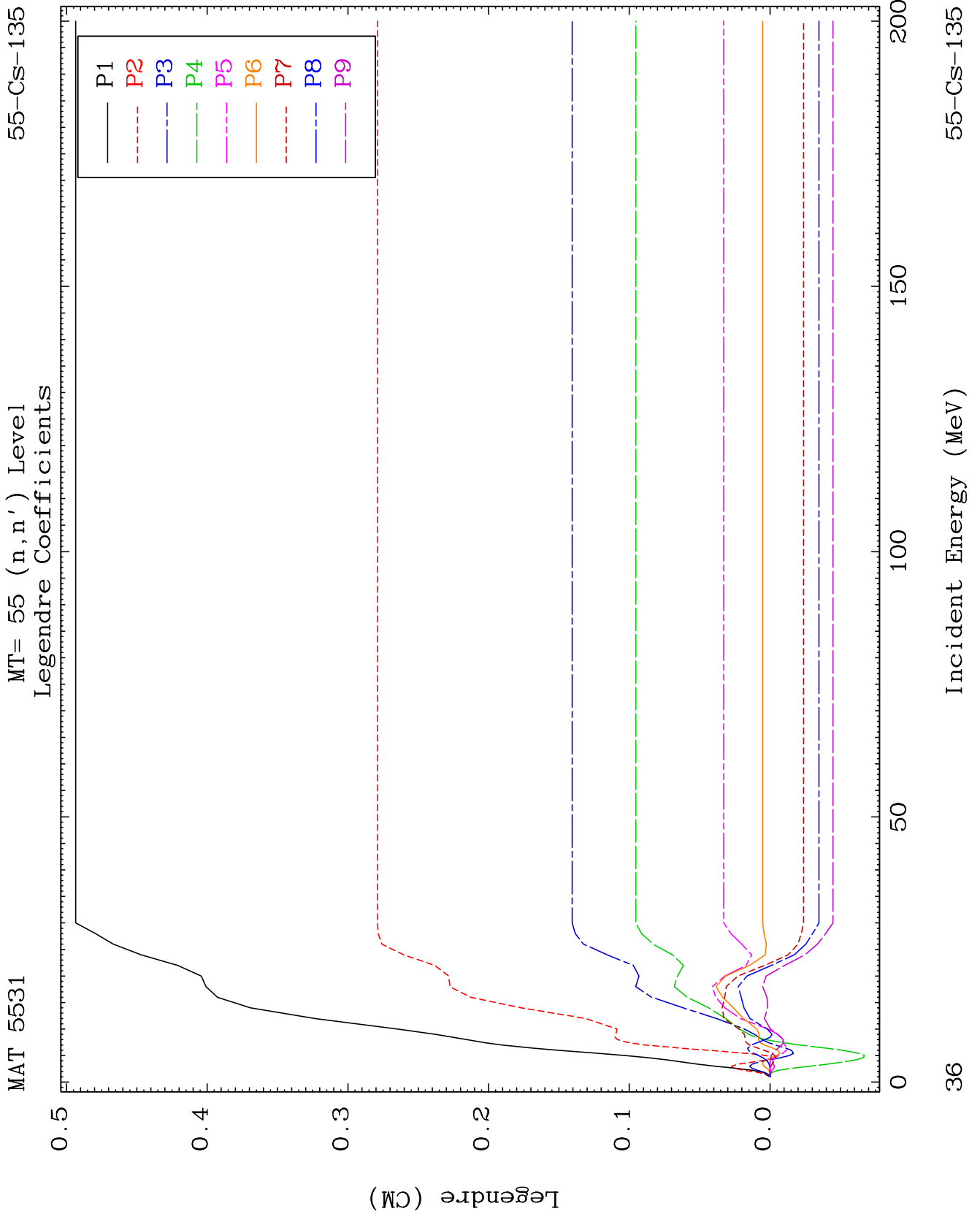
MAT 5531

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

55-Cs-135



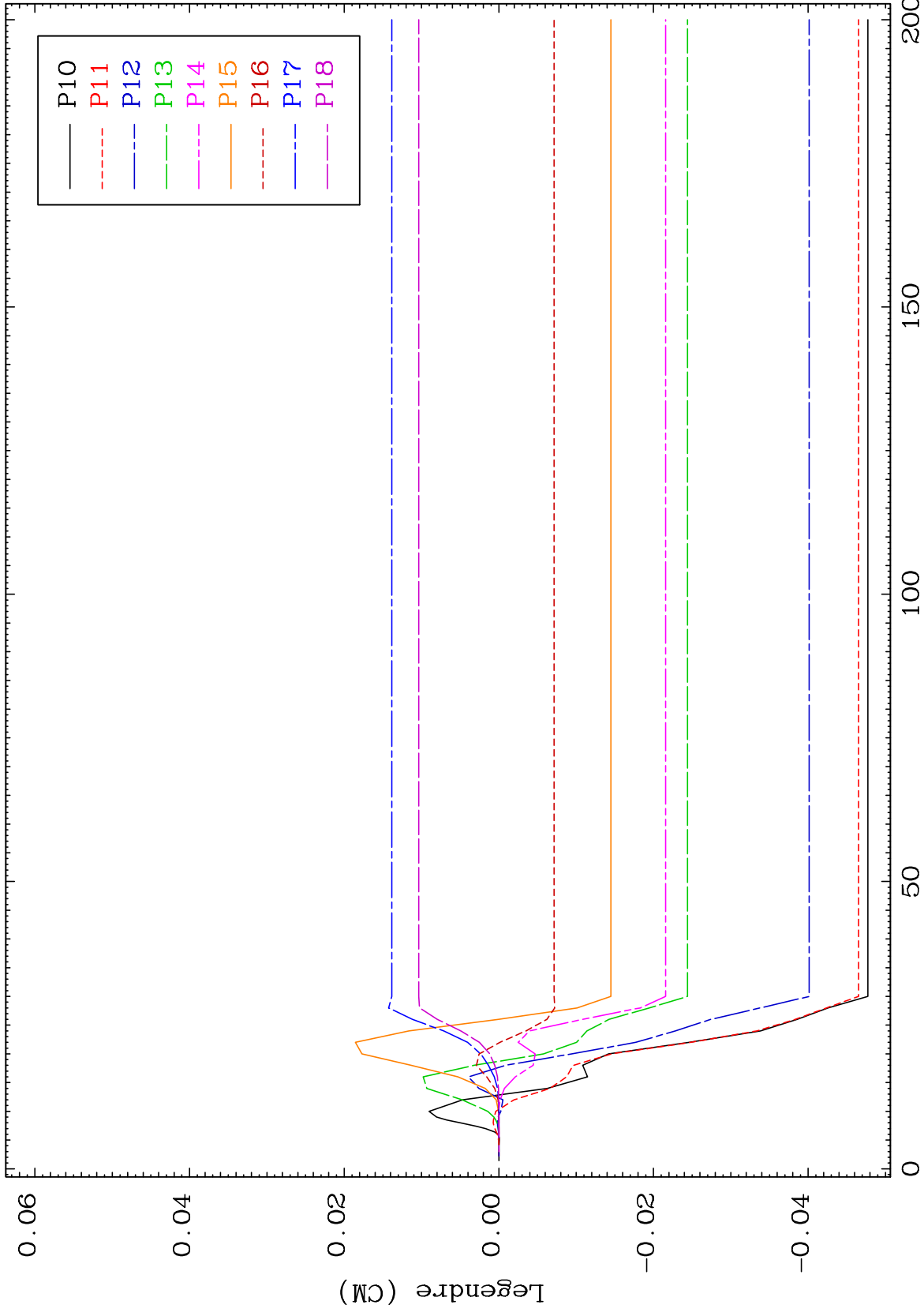




MAT 5531

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Legendre Coefficients

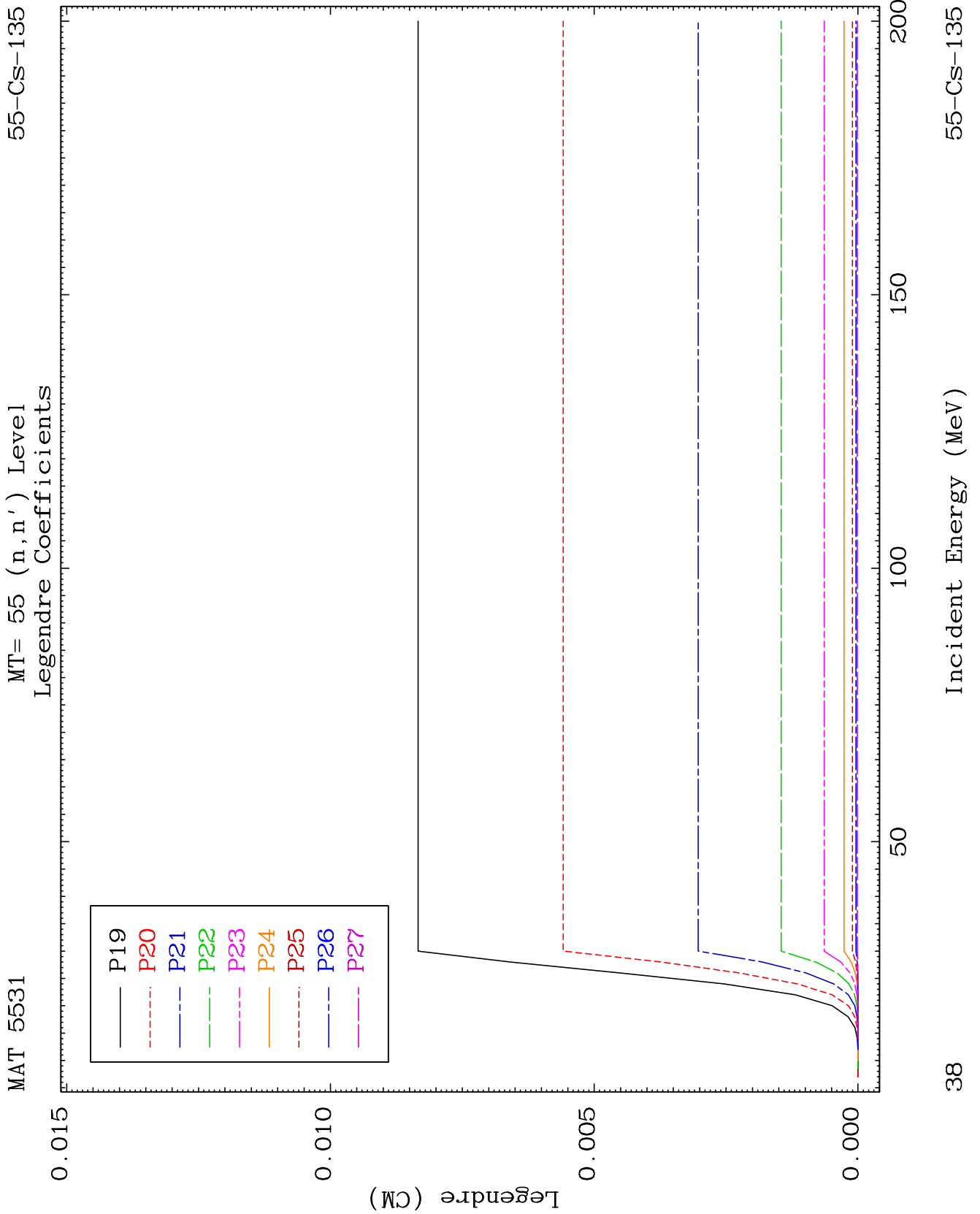
55-Cs-135



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Incident Energy (MeV)

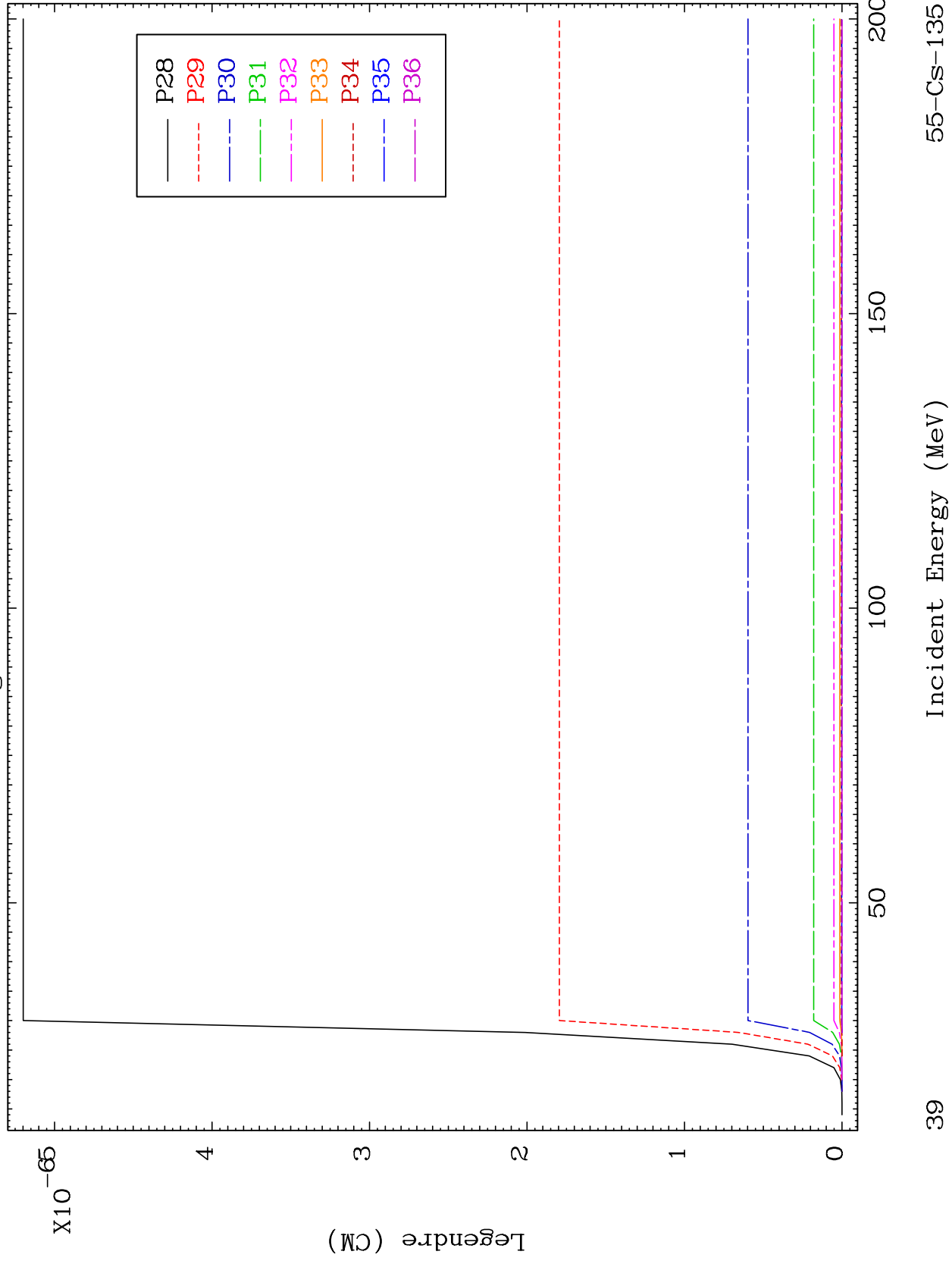
55-Cs-135



MAT 5531

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

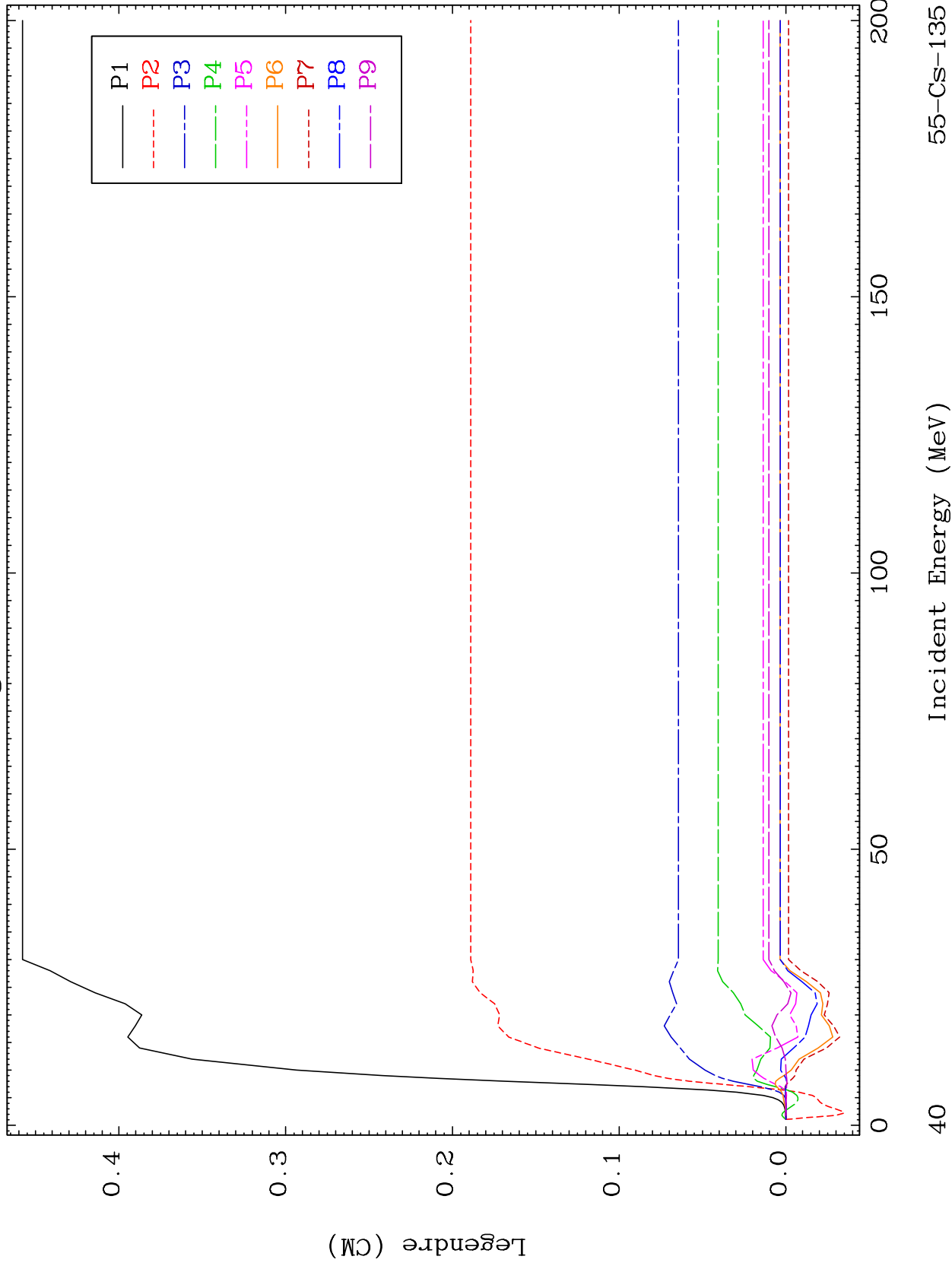
55-Cs-135



MAT 5531

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

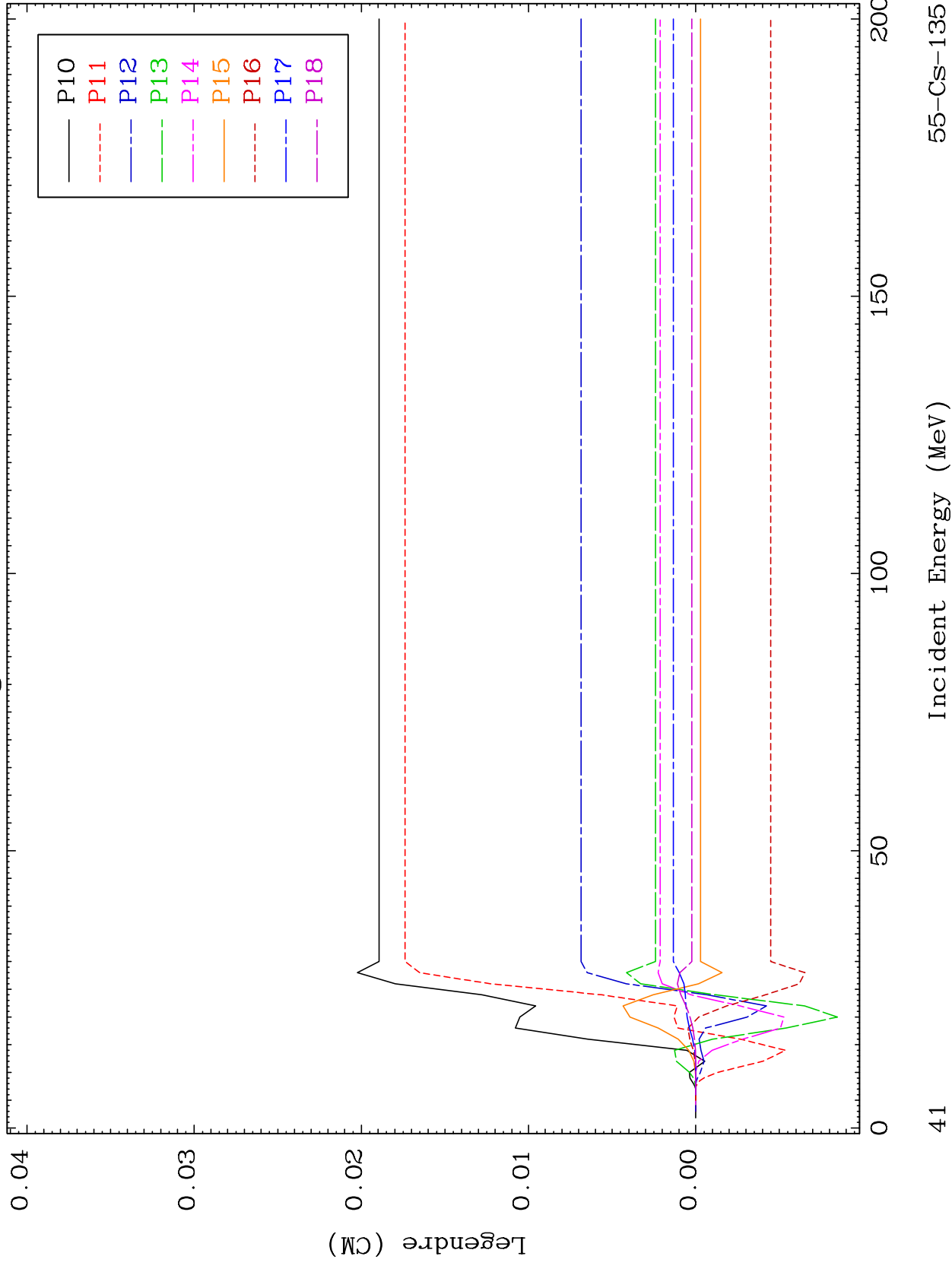
55-Cs-135



MAT 5531

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

55-Cs-135



41

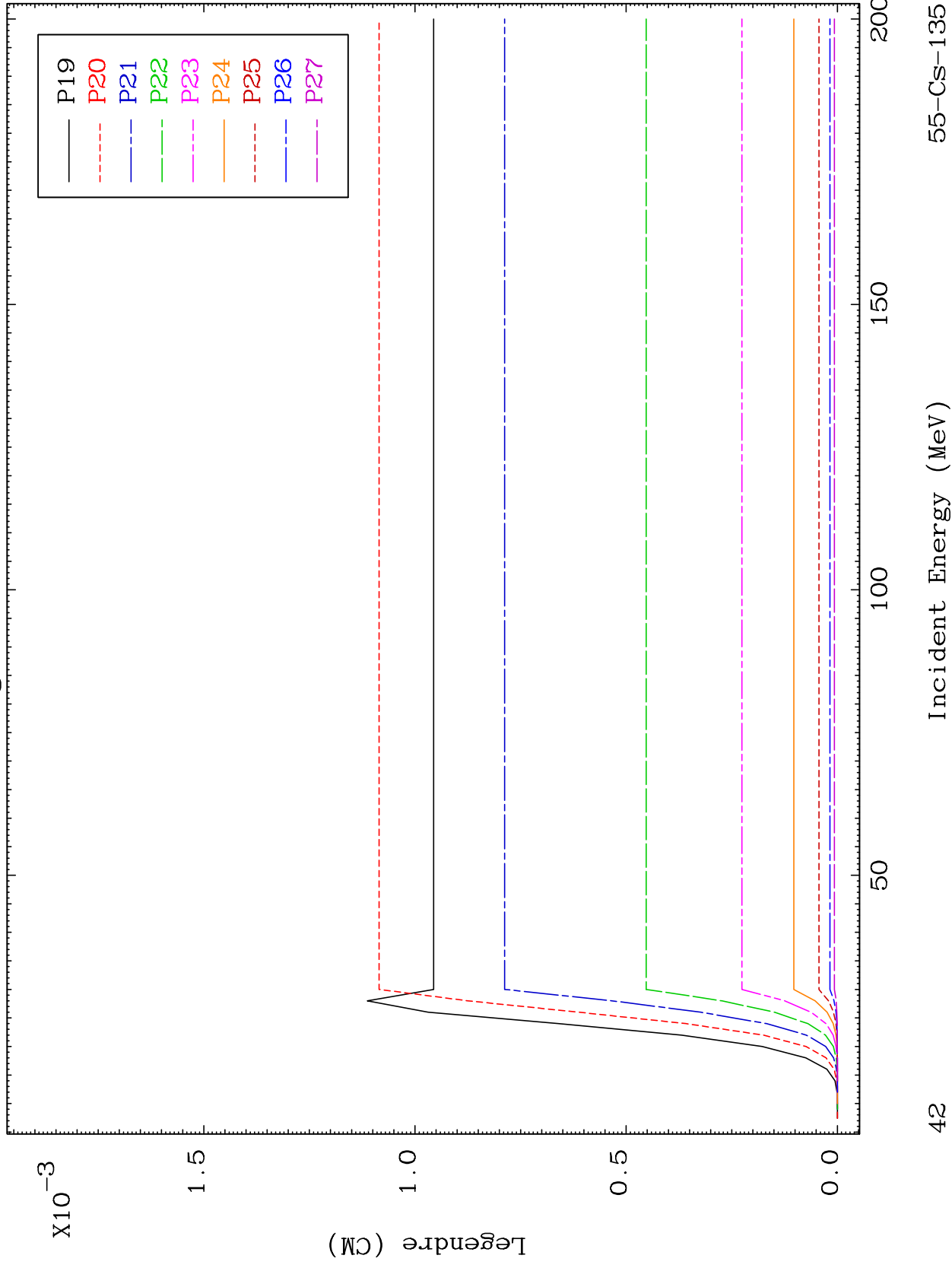
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

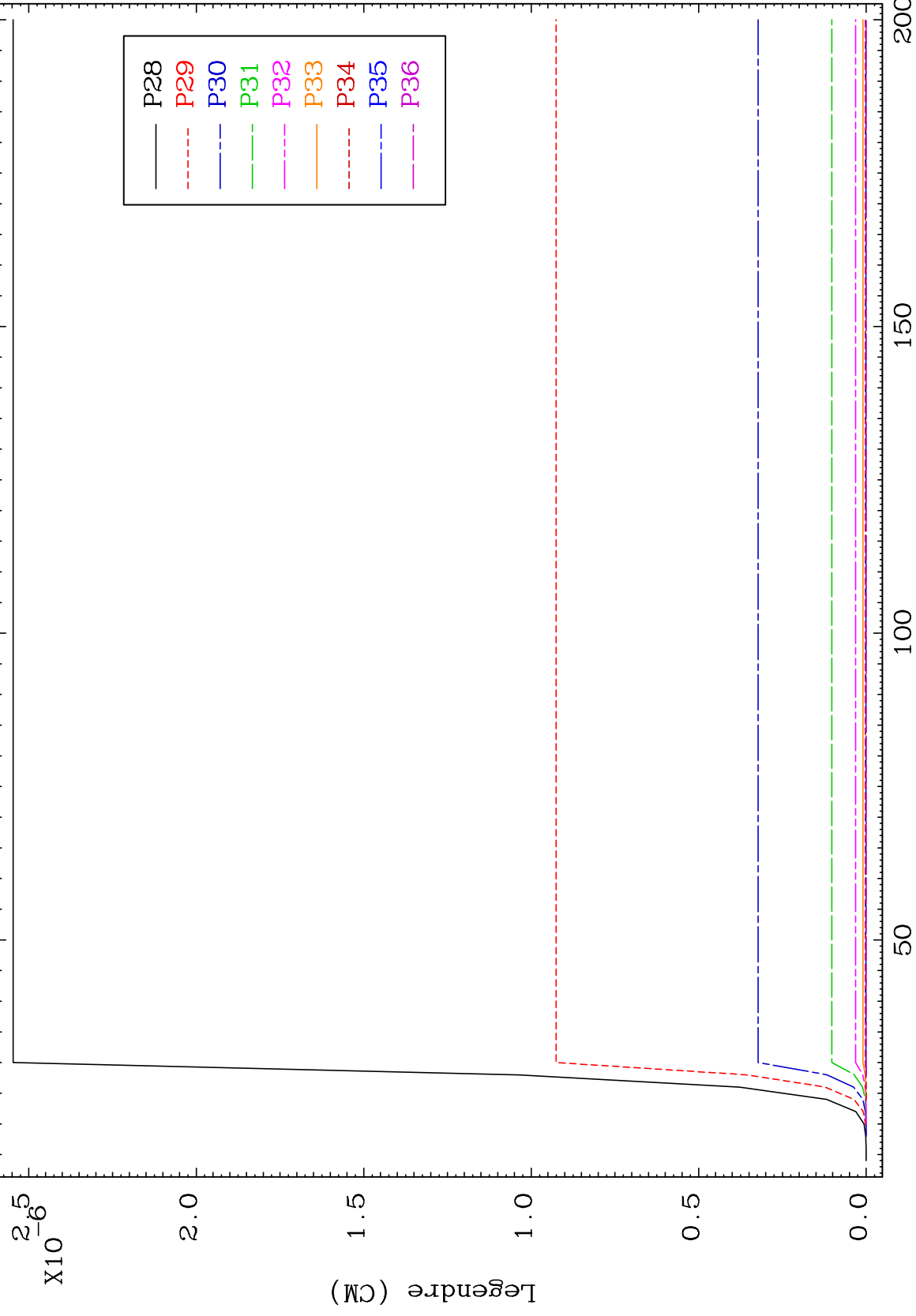
55-Cs-135



MAT 5531

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

55-Cs-135



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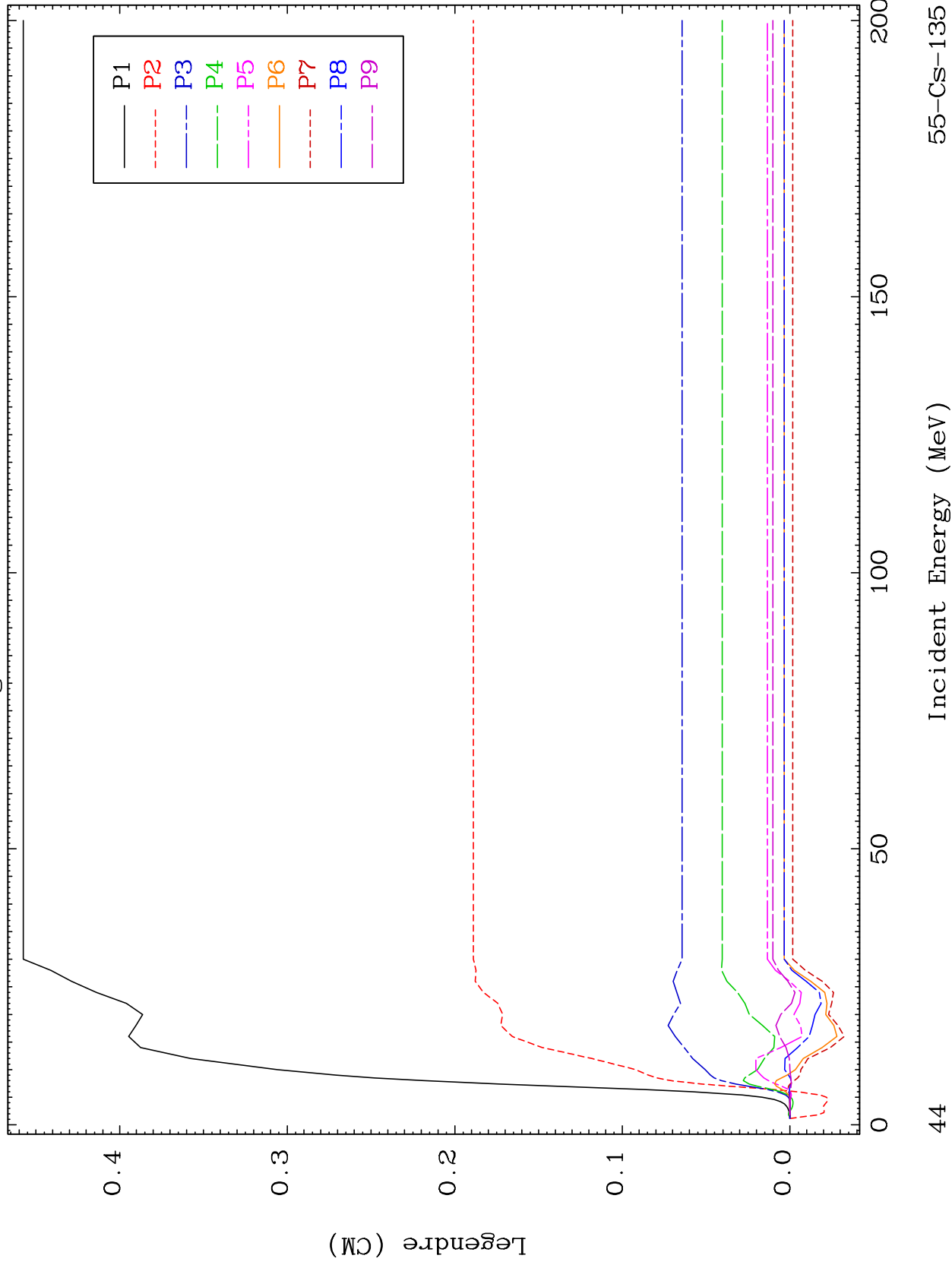
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

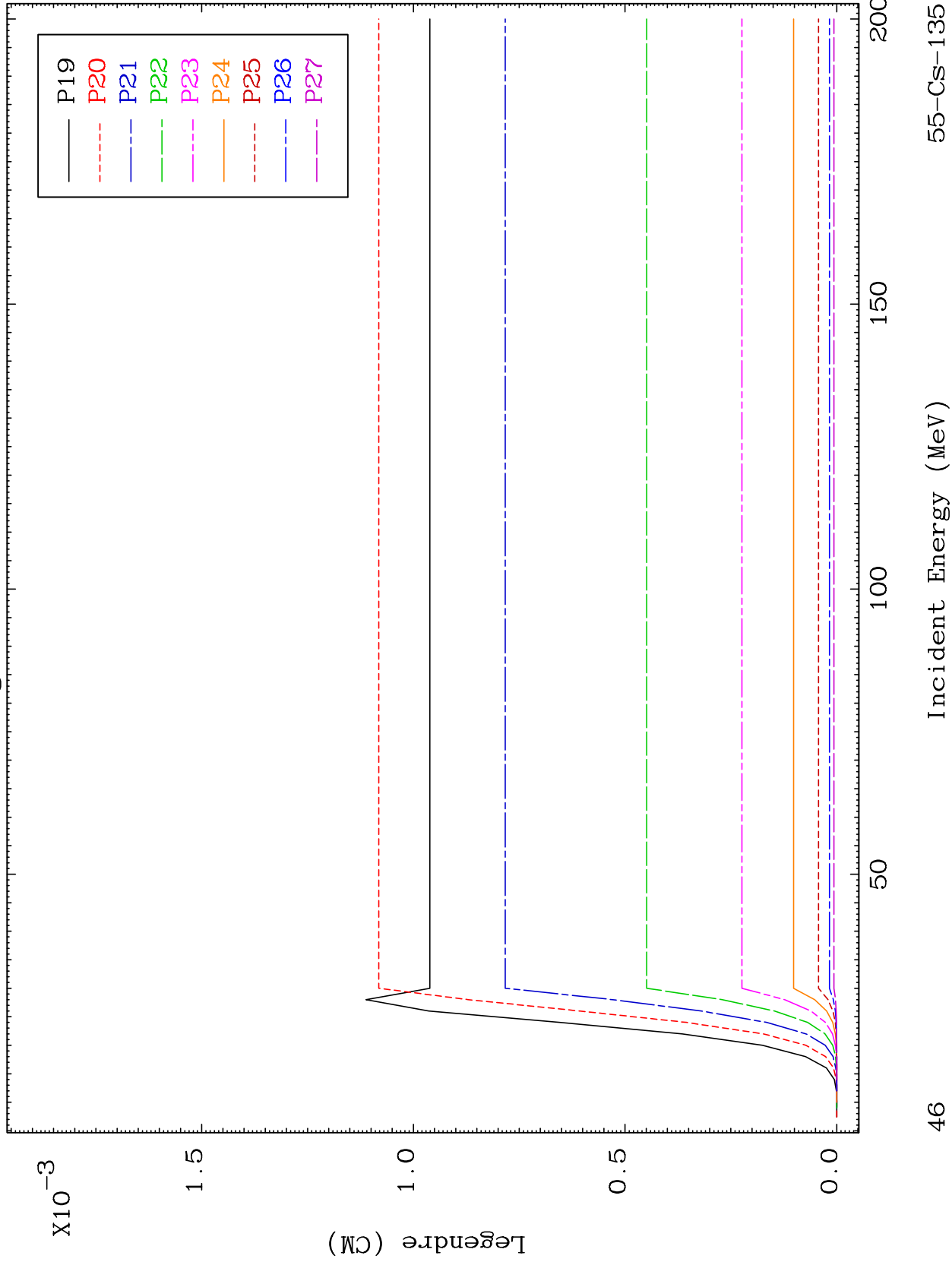
55-Cs-135



MAT 5531

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

55-Cs-135



46

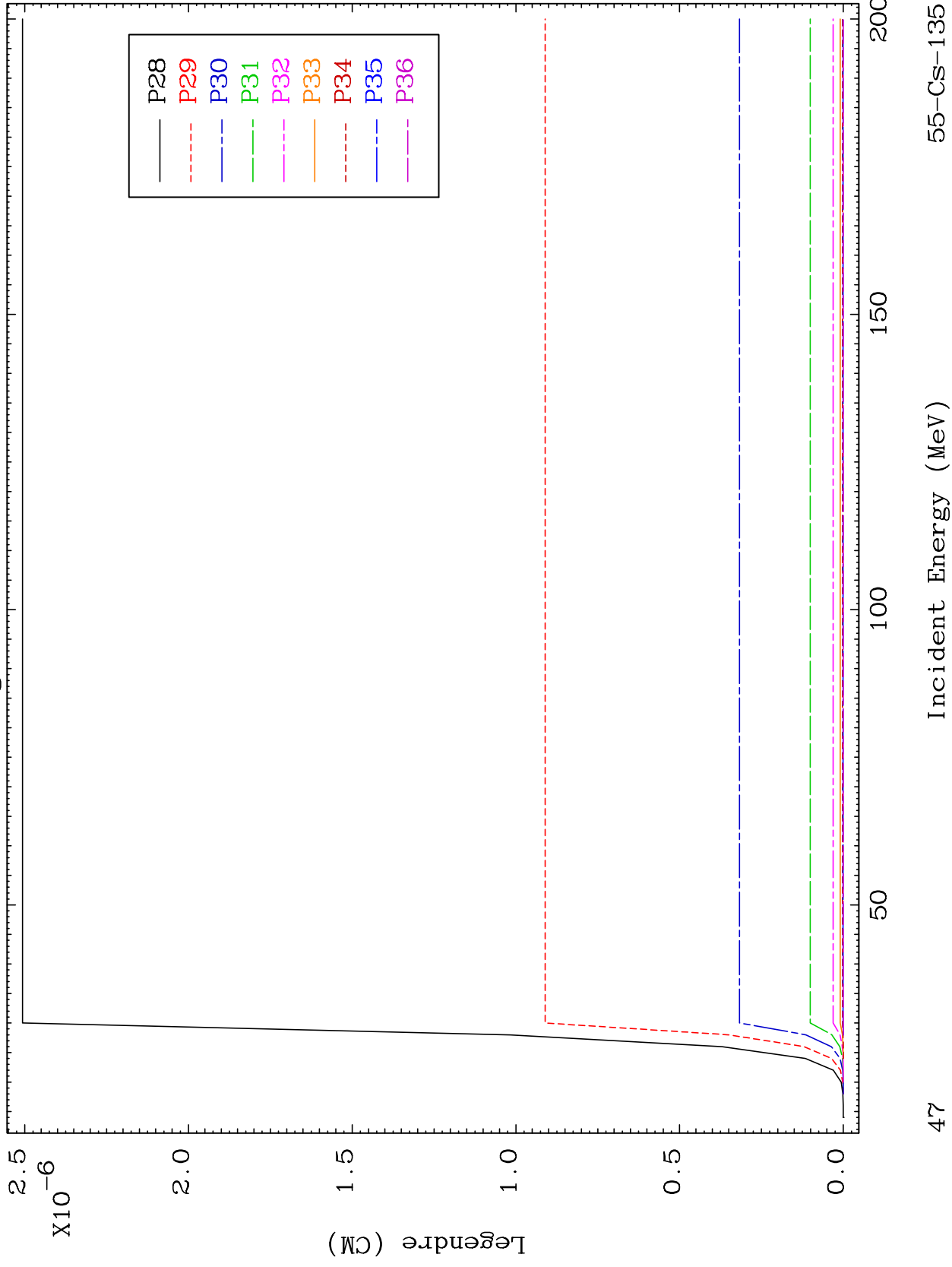
Incident Energy (MeV)

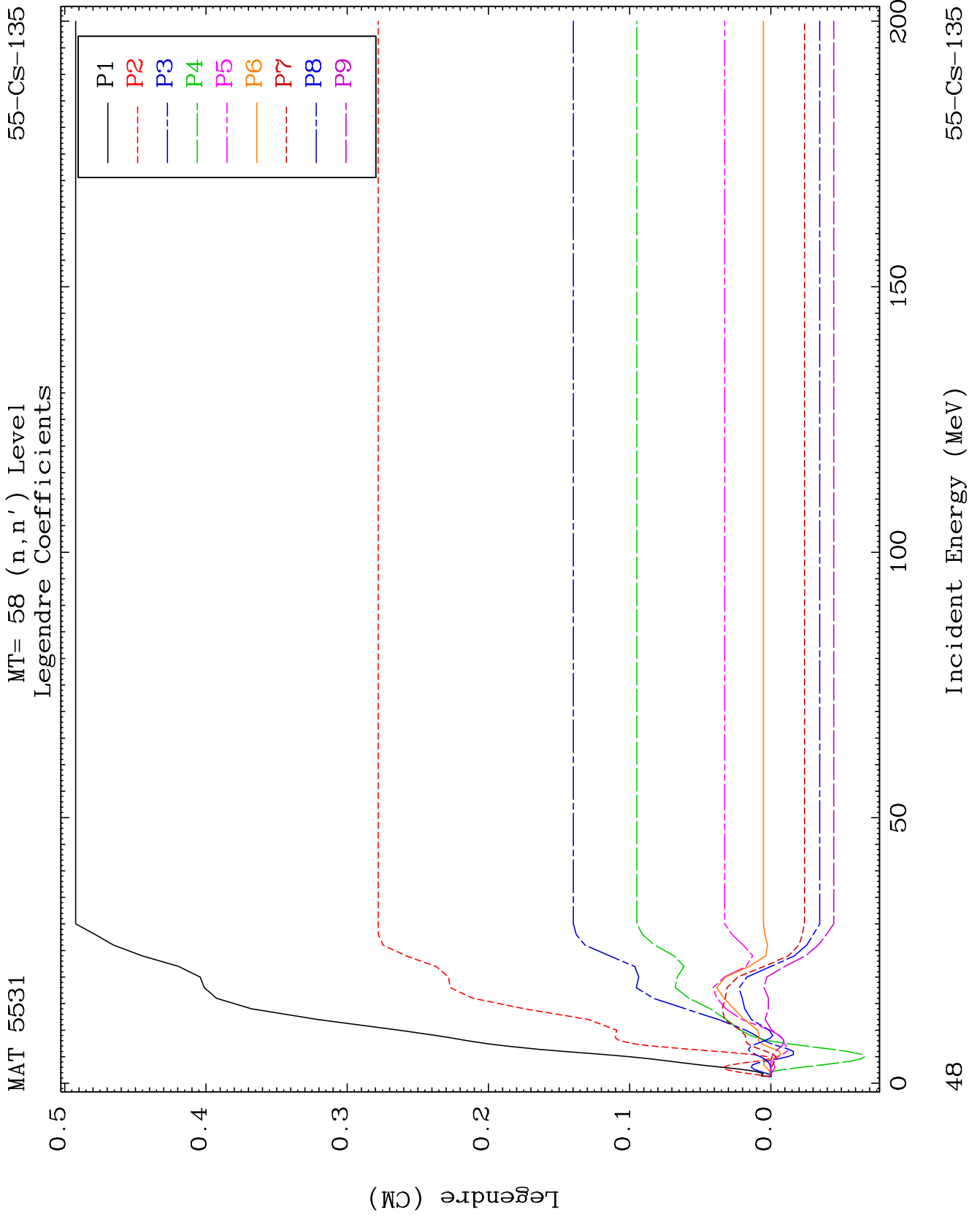
55-Cs-135

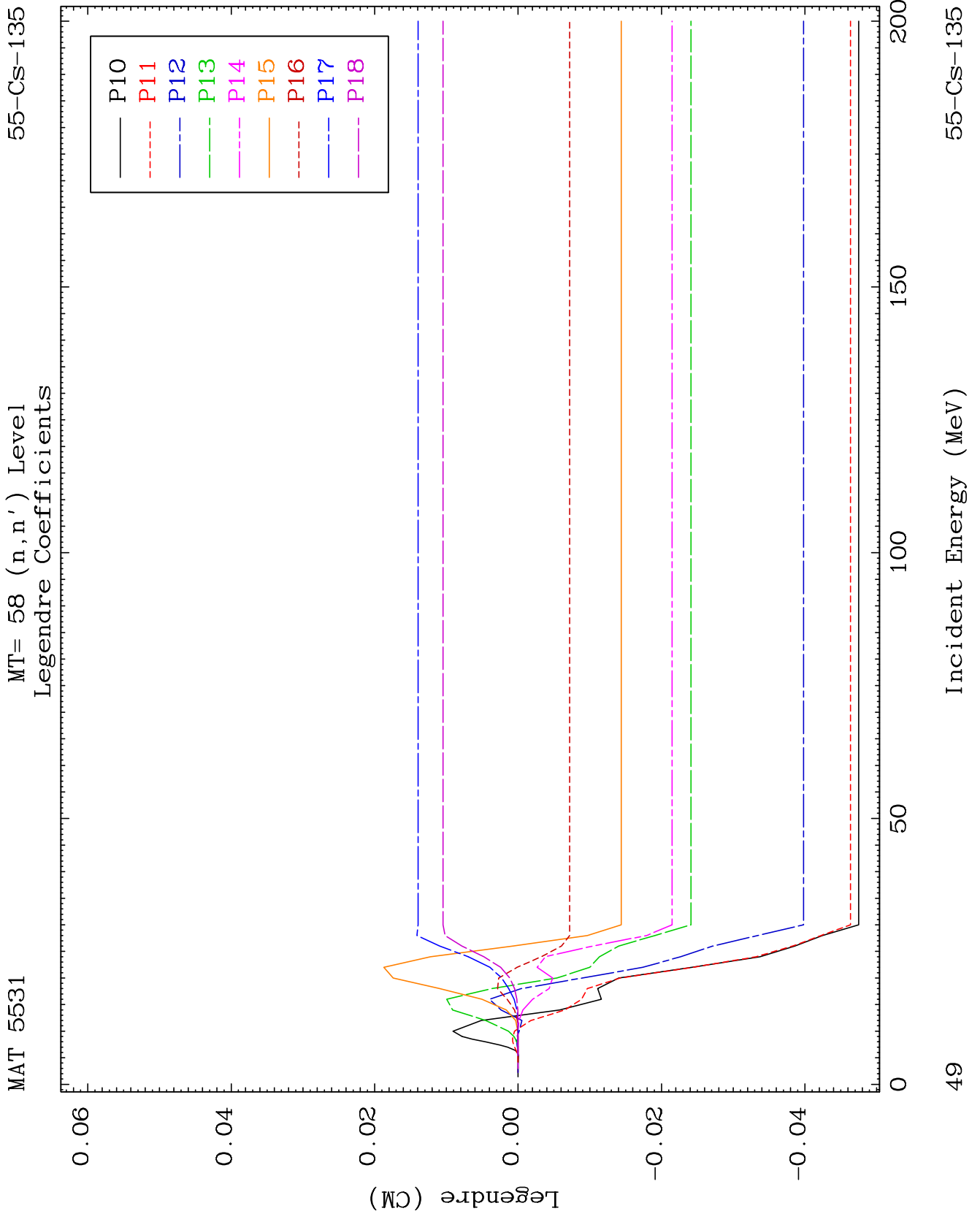
MAT 5531

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

55-Cs-135



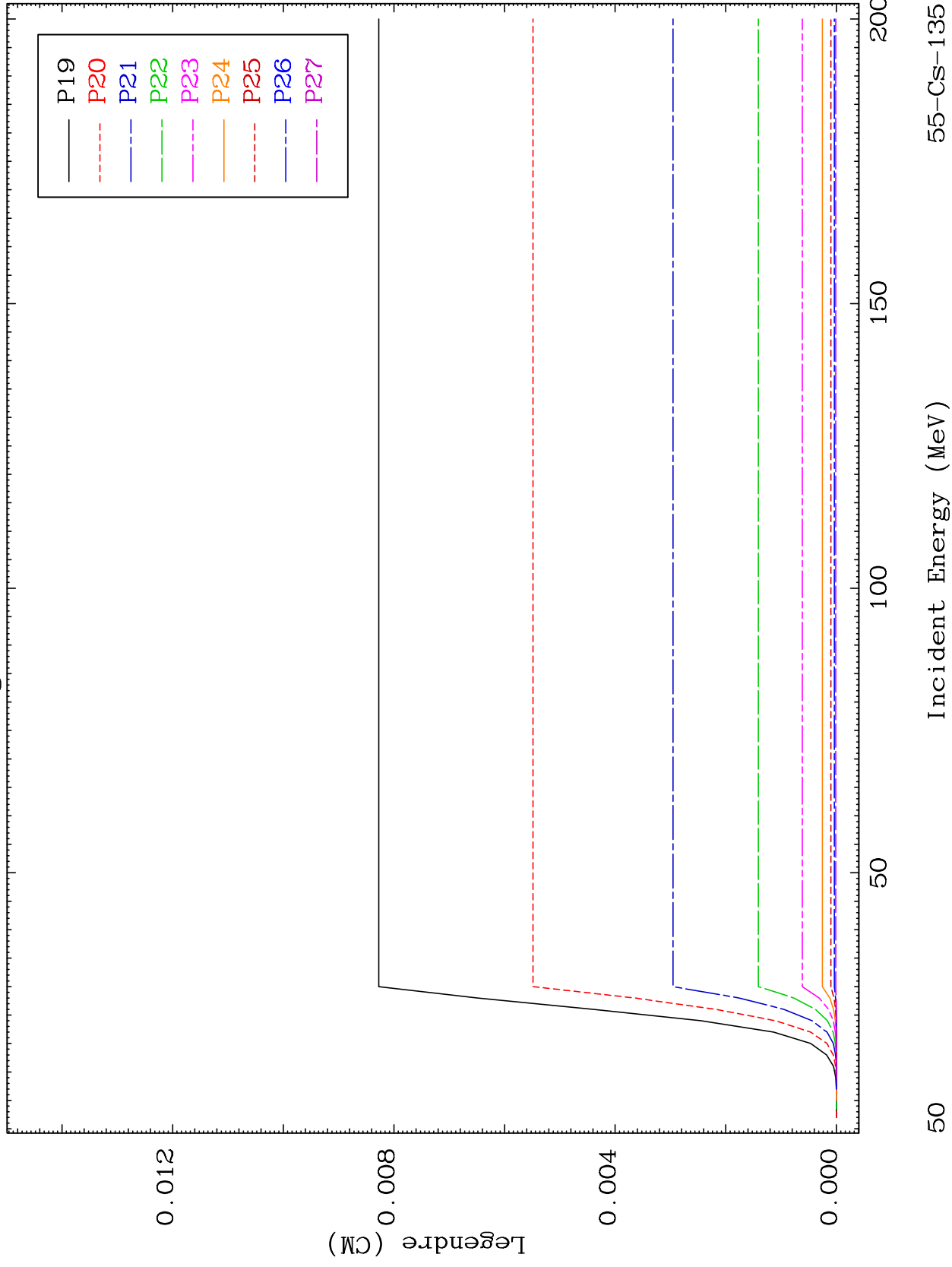




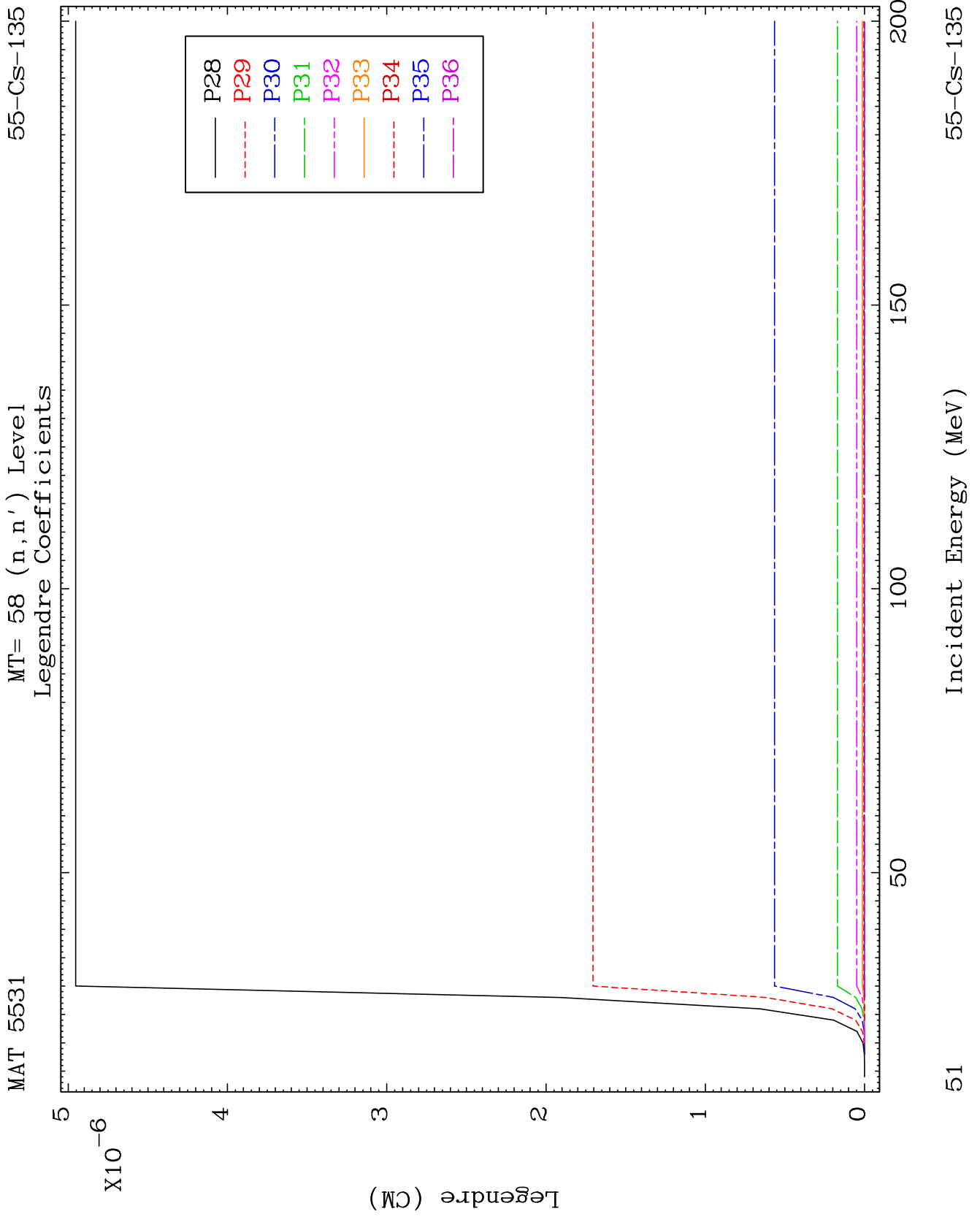
MAT 5531

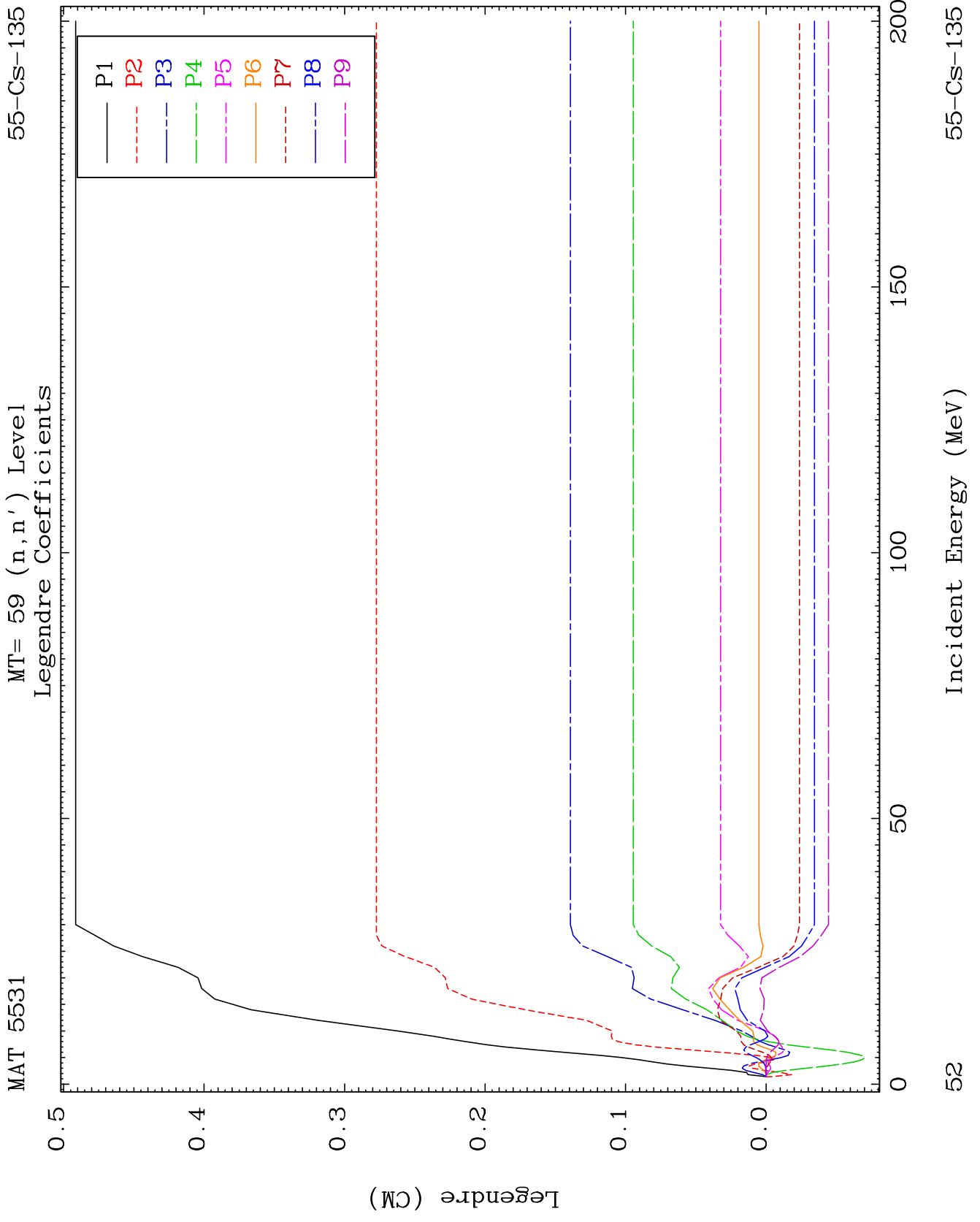
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Legendre Coefficients

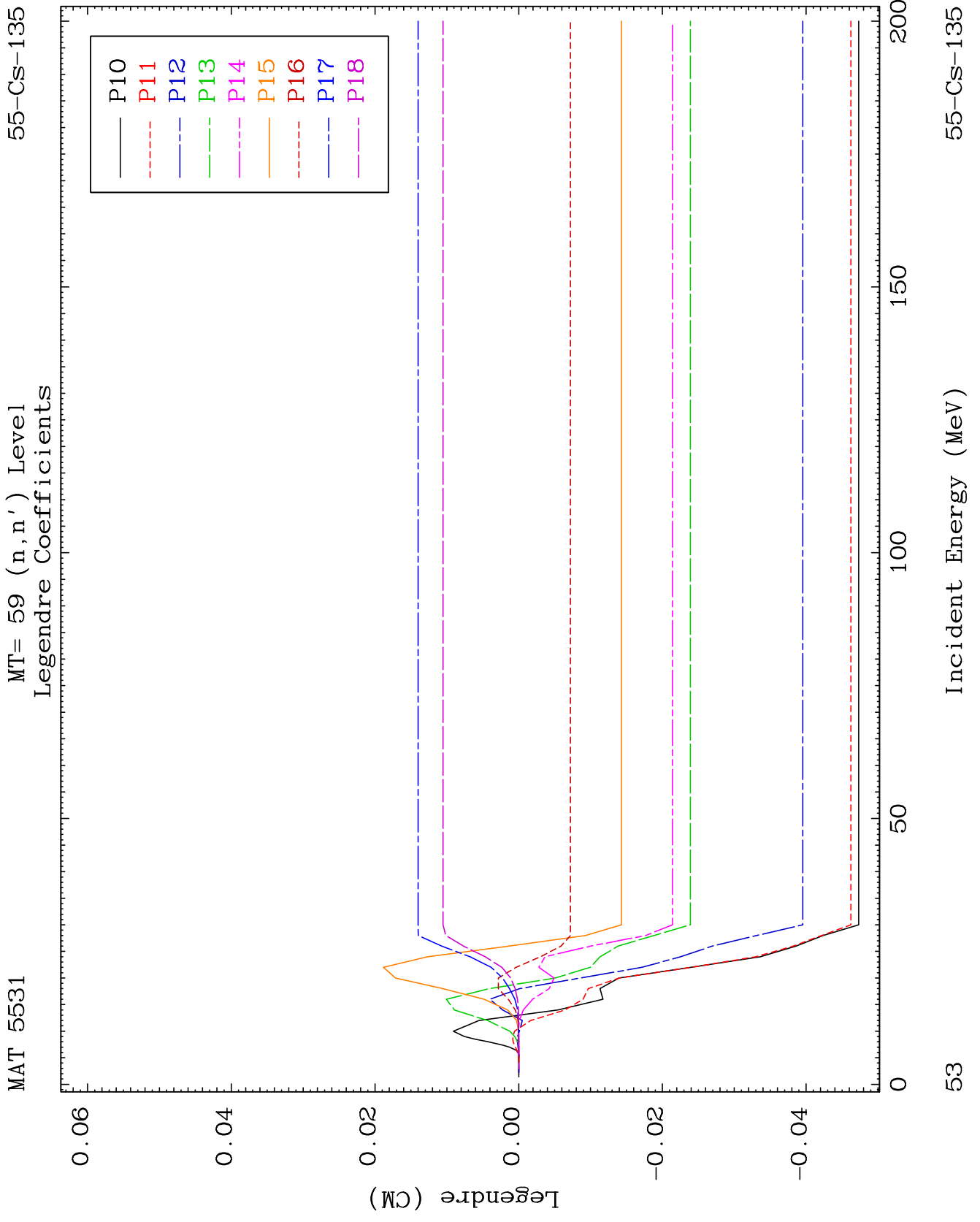
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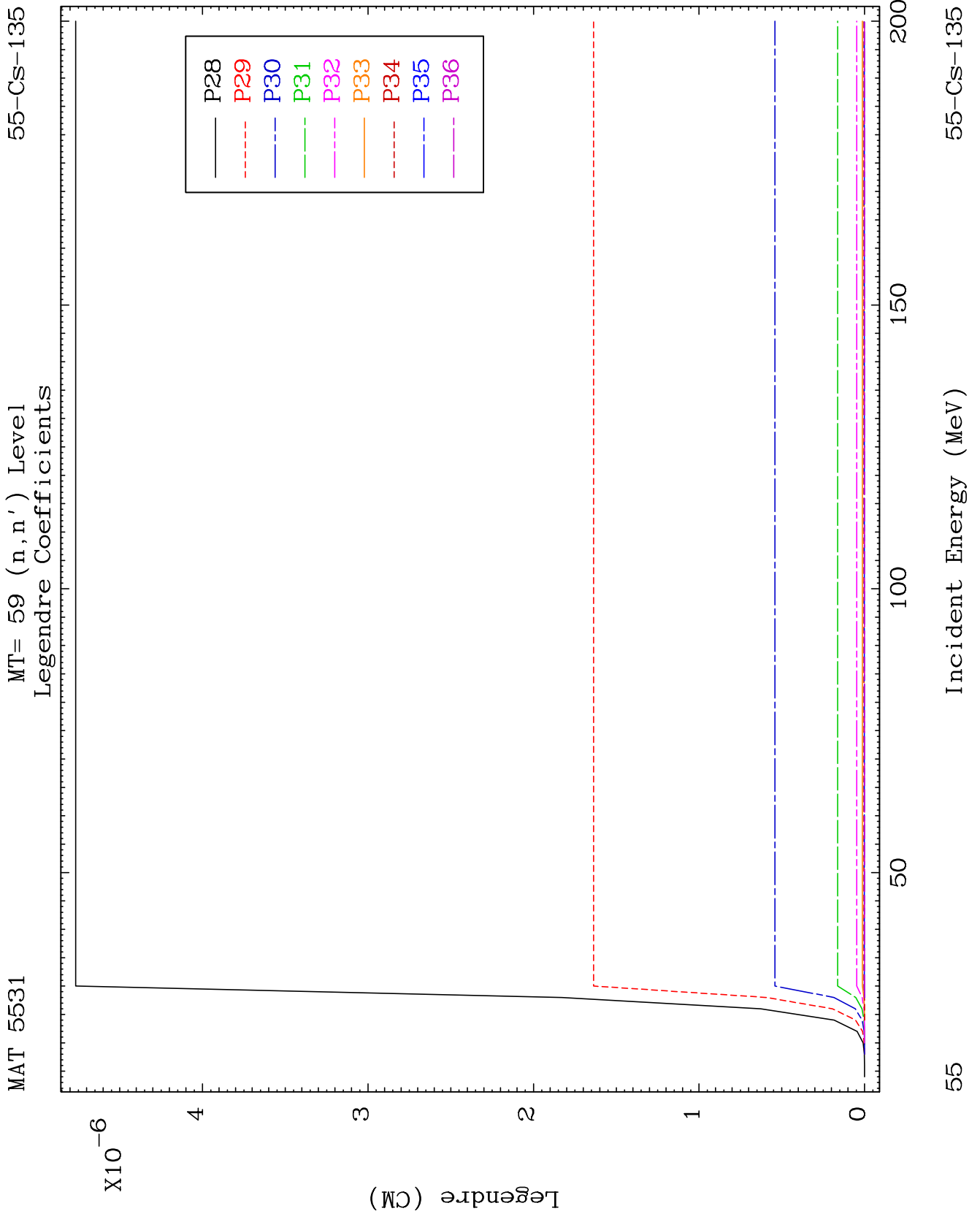


55-Cs-135





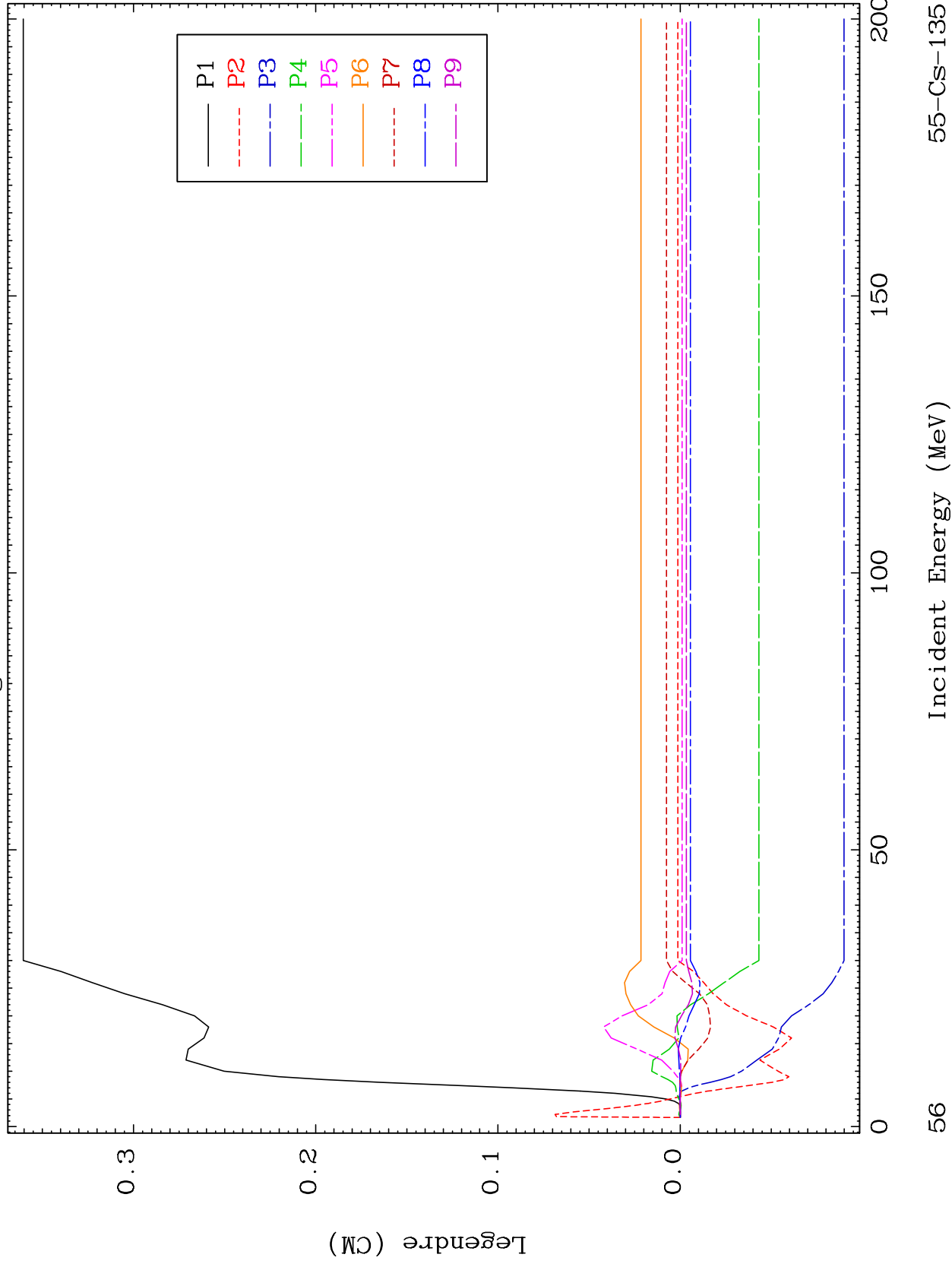




MAT 5531

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

55-Cs-135



55-Cs-135

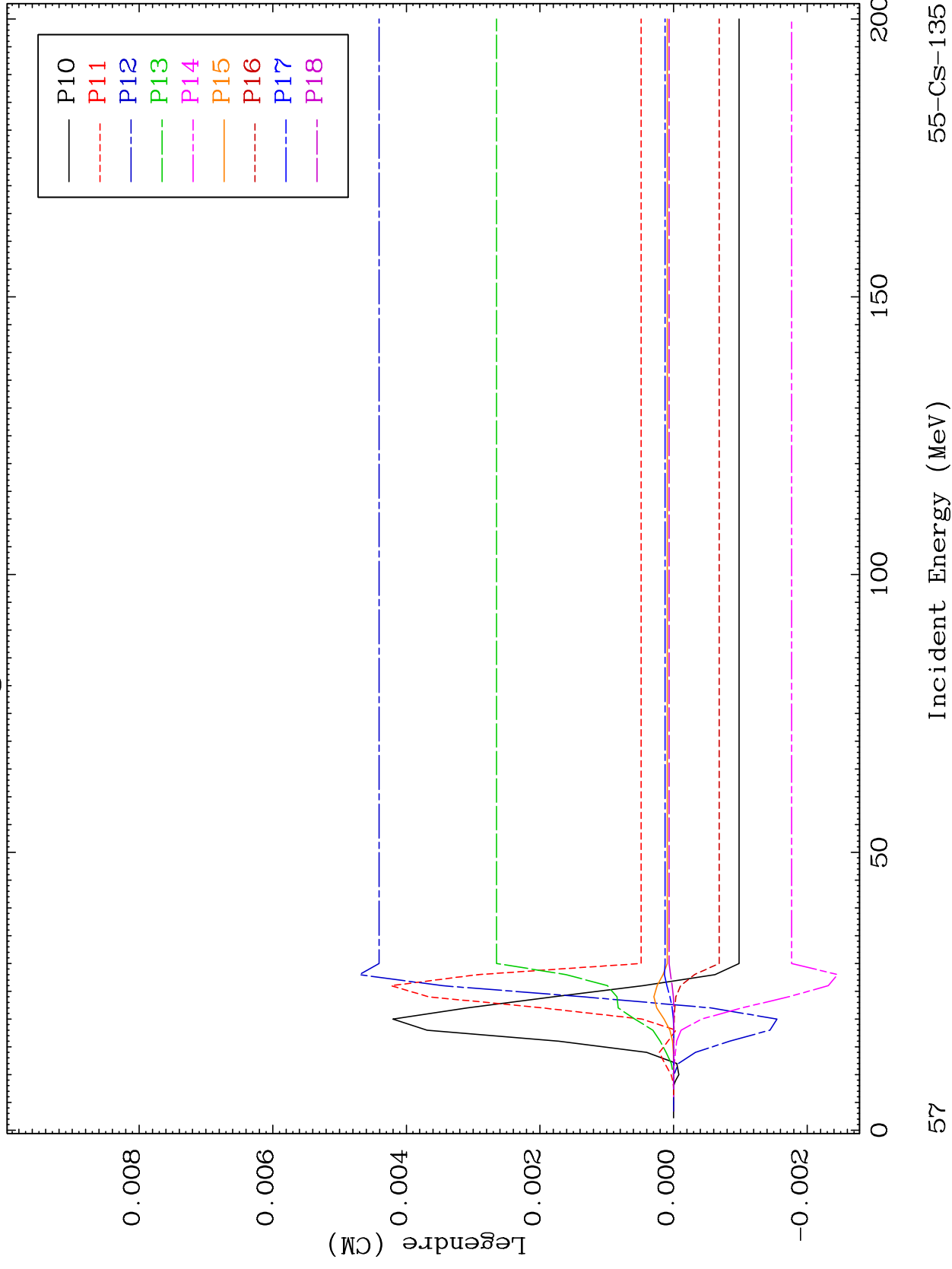
Incident Energy (MeV)

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MAT 5531

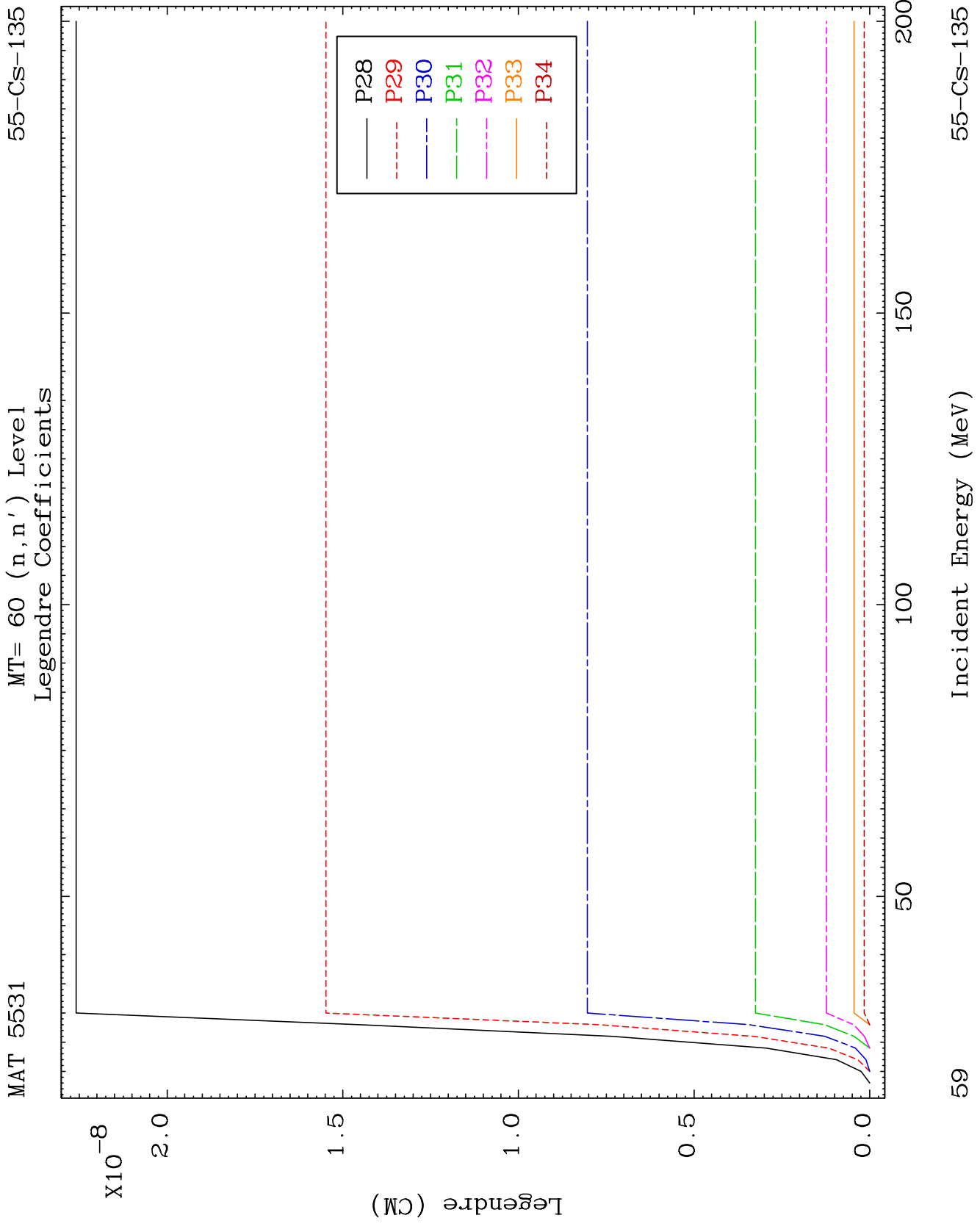
MT= 60 (n,n') Level
Legendre Coefficients

55-Cs-135



57

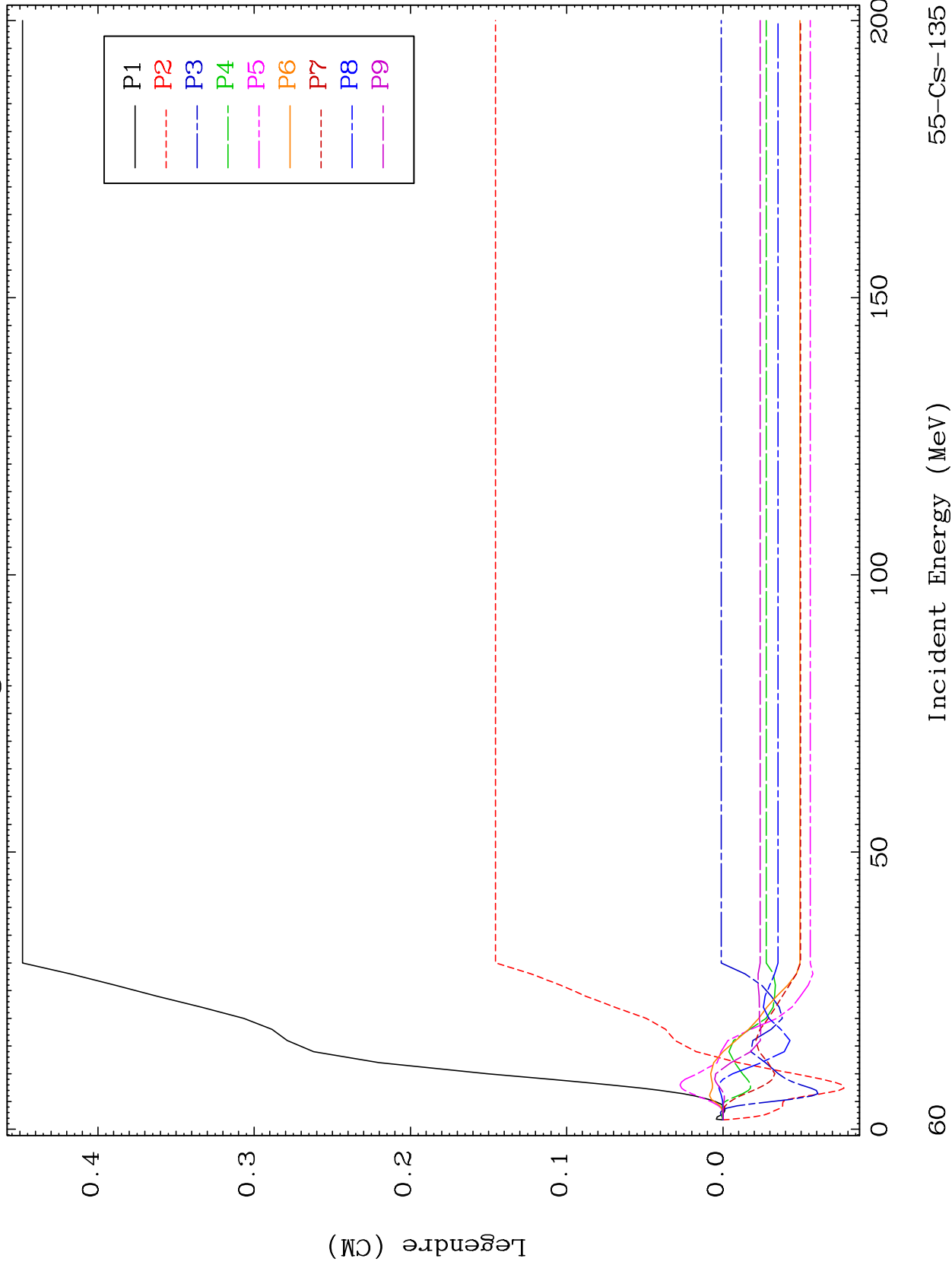
55-Cs-135



MAT 5531

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

55-Cs-135

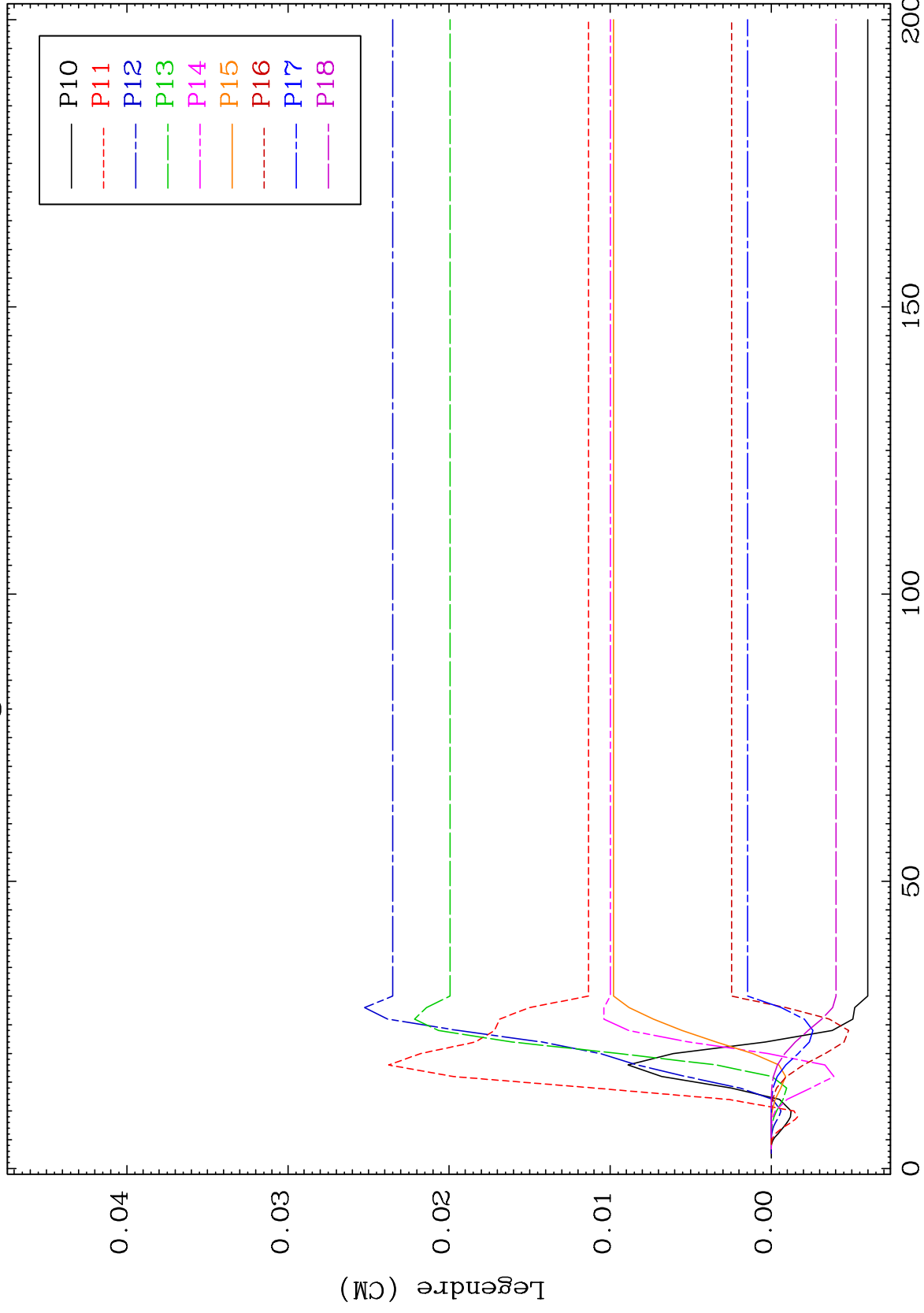


55-Cs-135

MAT 5531

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

55-Cs-135



61

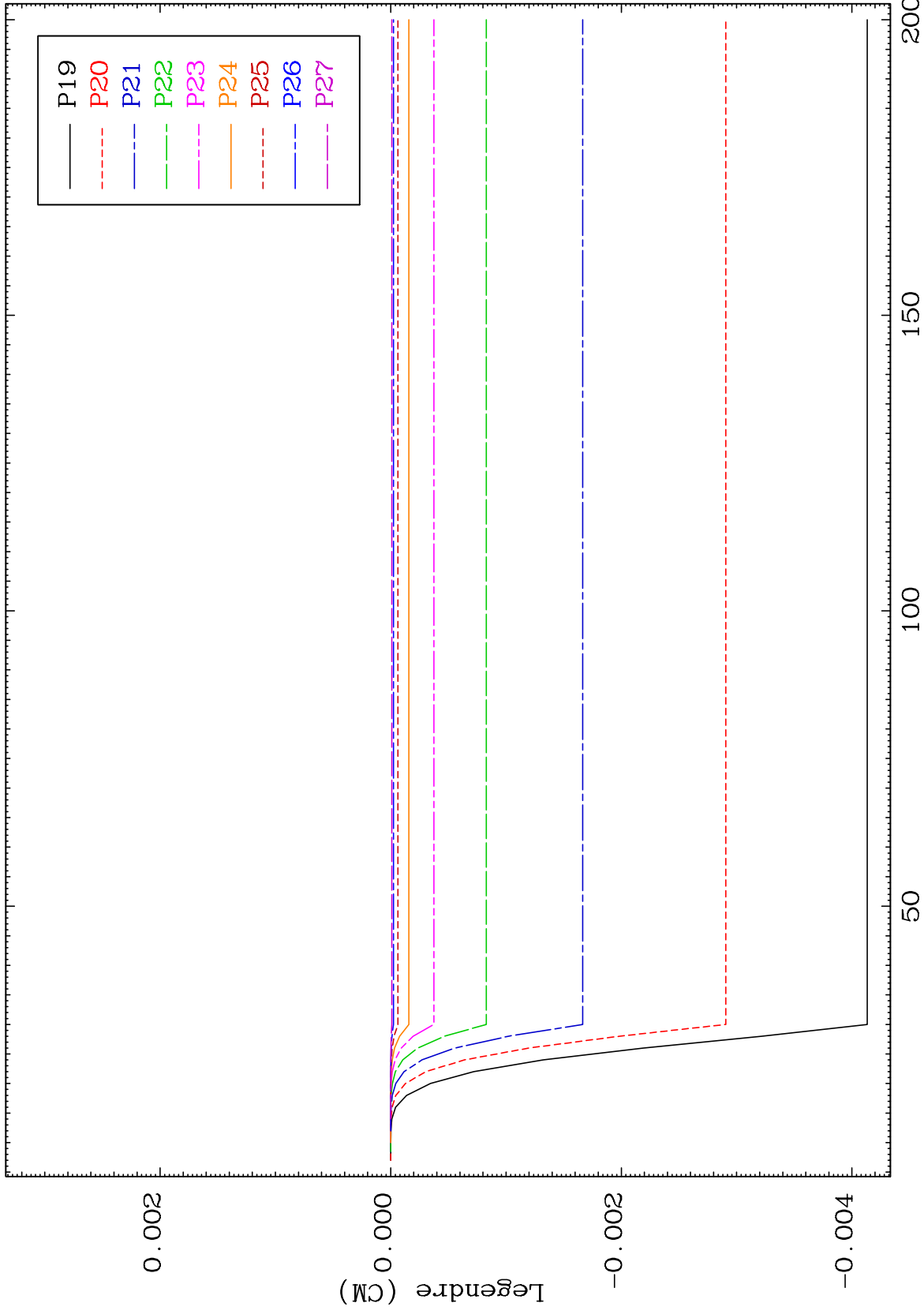
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

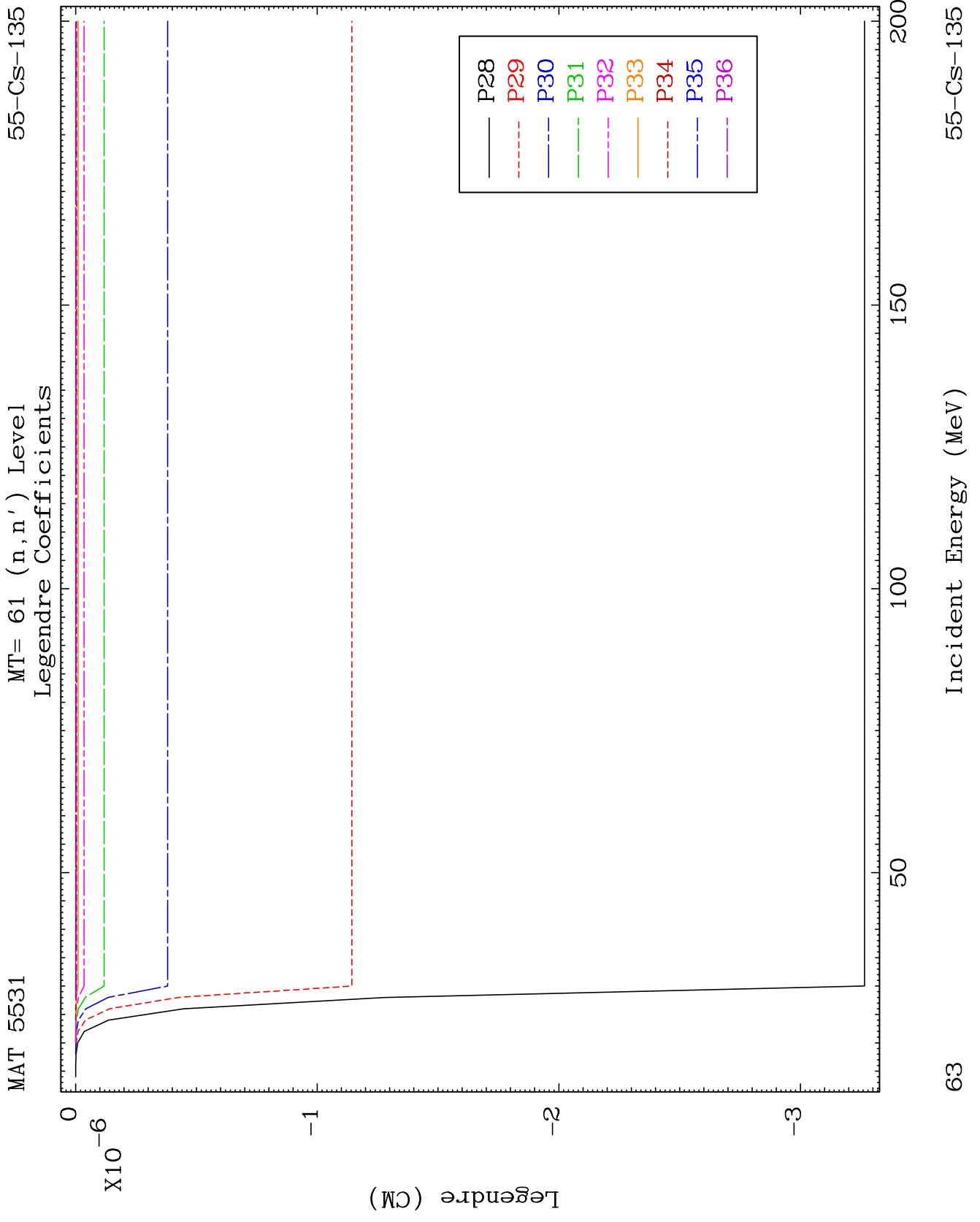
55-Cs-135



62

Incident Energy (MeV)

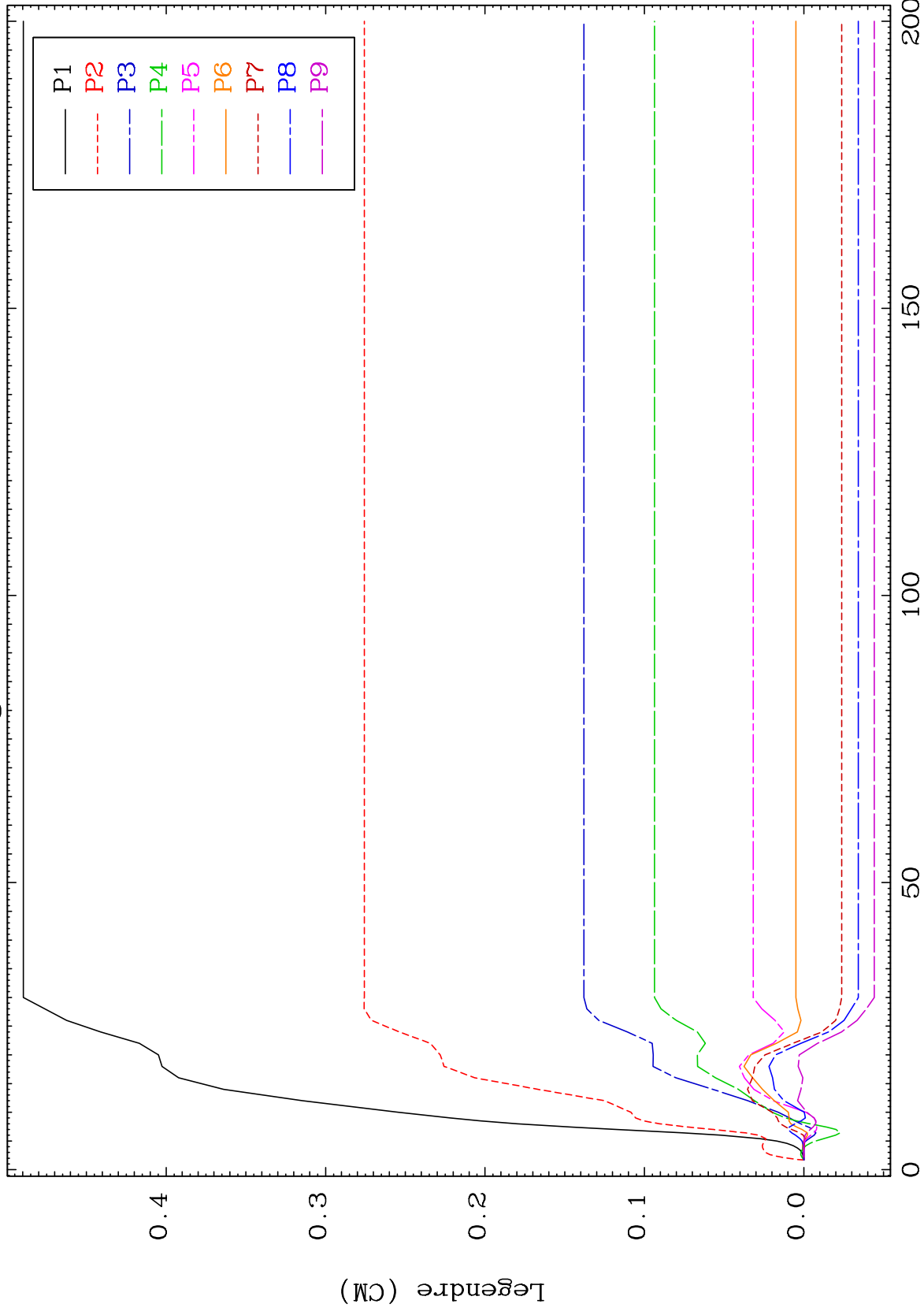
55-Cs-135



MAT 5531

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

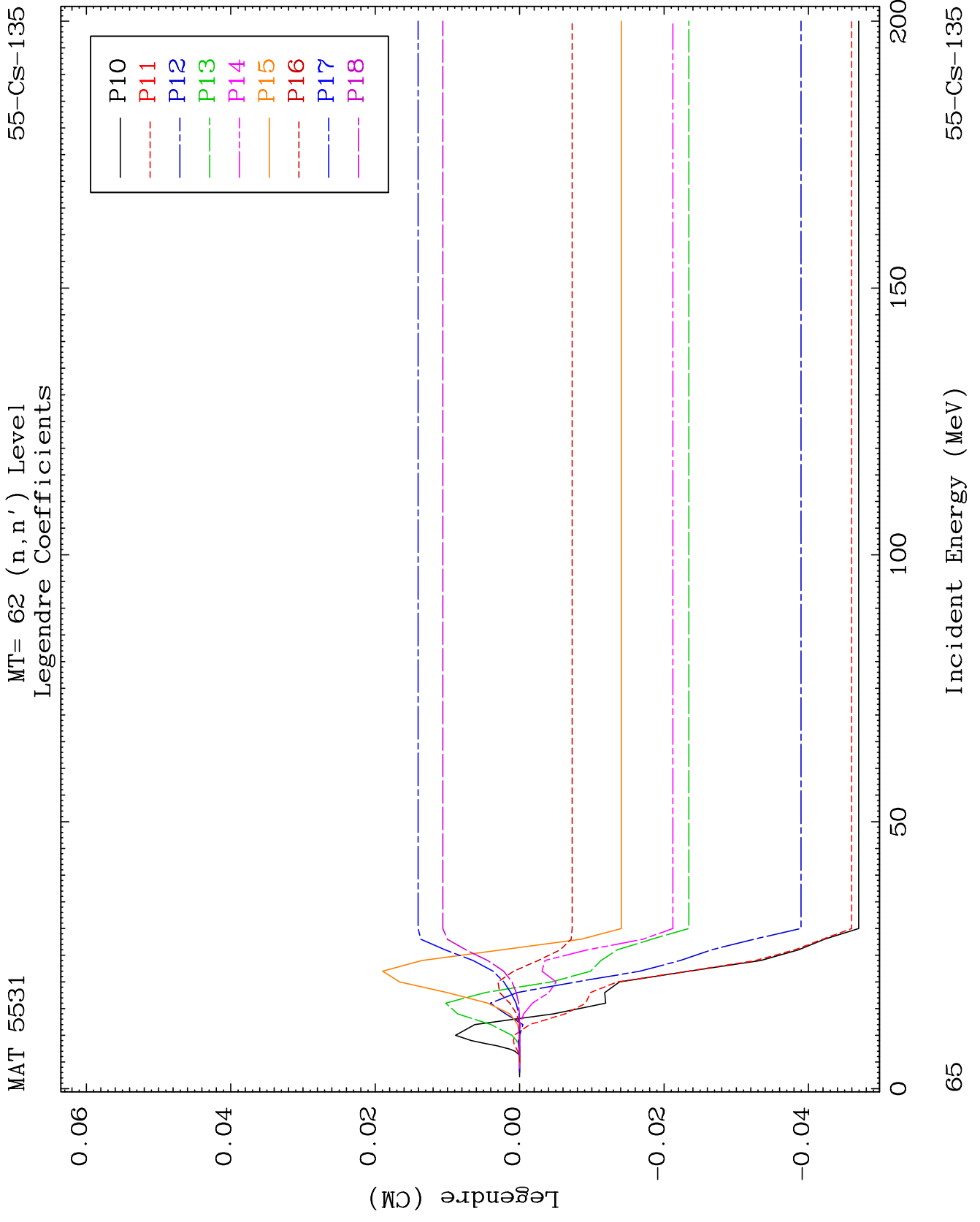
55-Cs-135



64

Incident Energy (MeV)

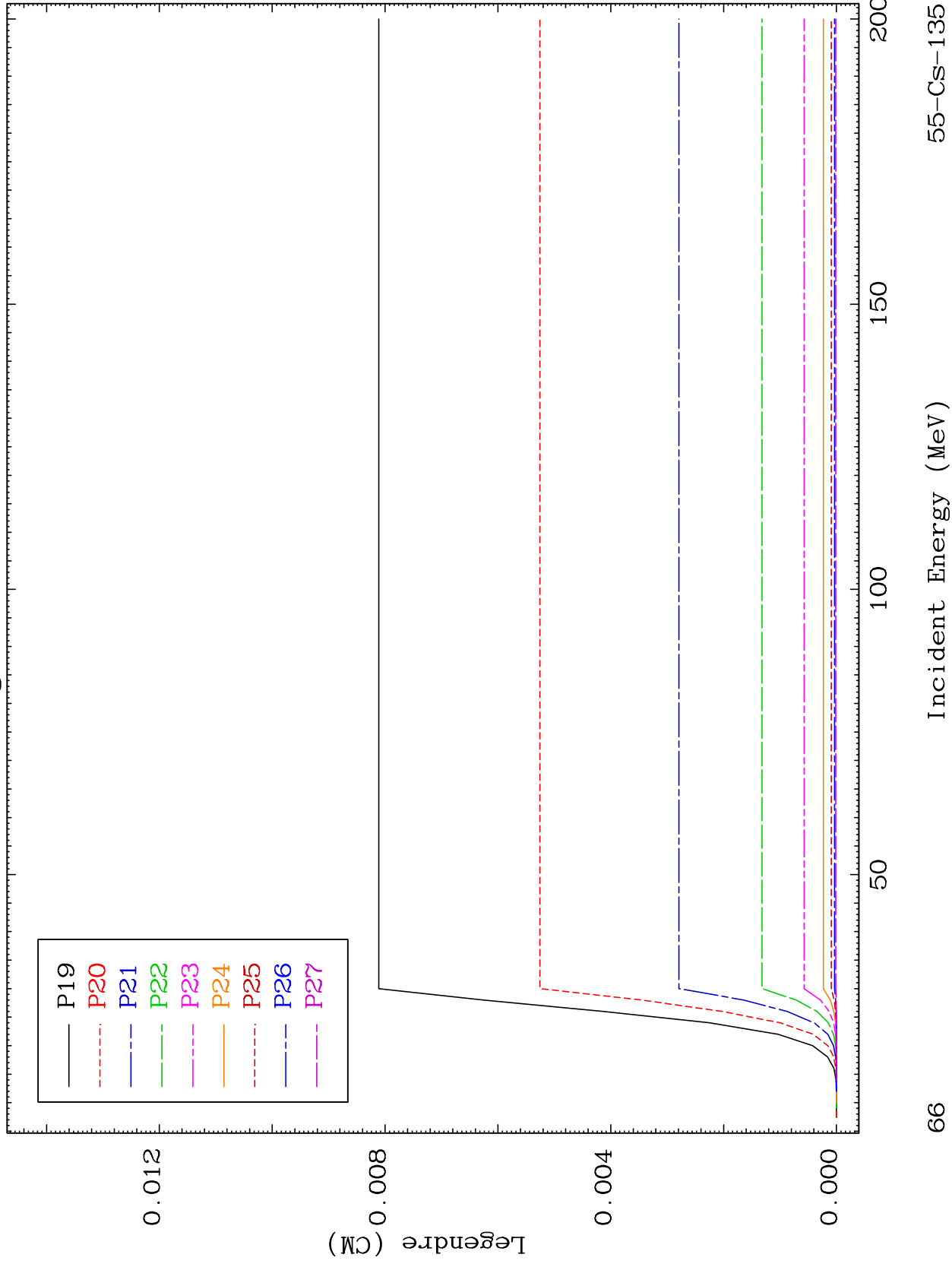
55-Cs-135



MAT 5531

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

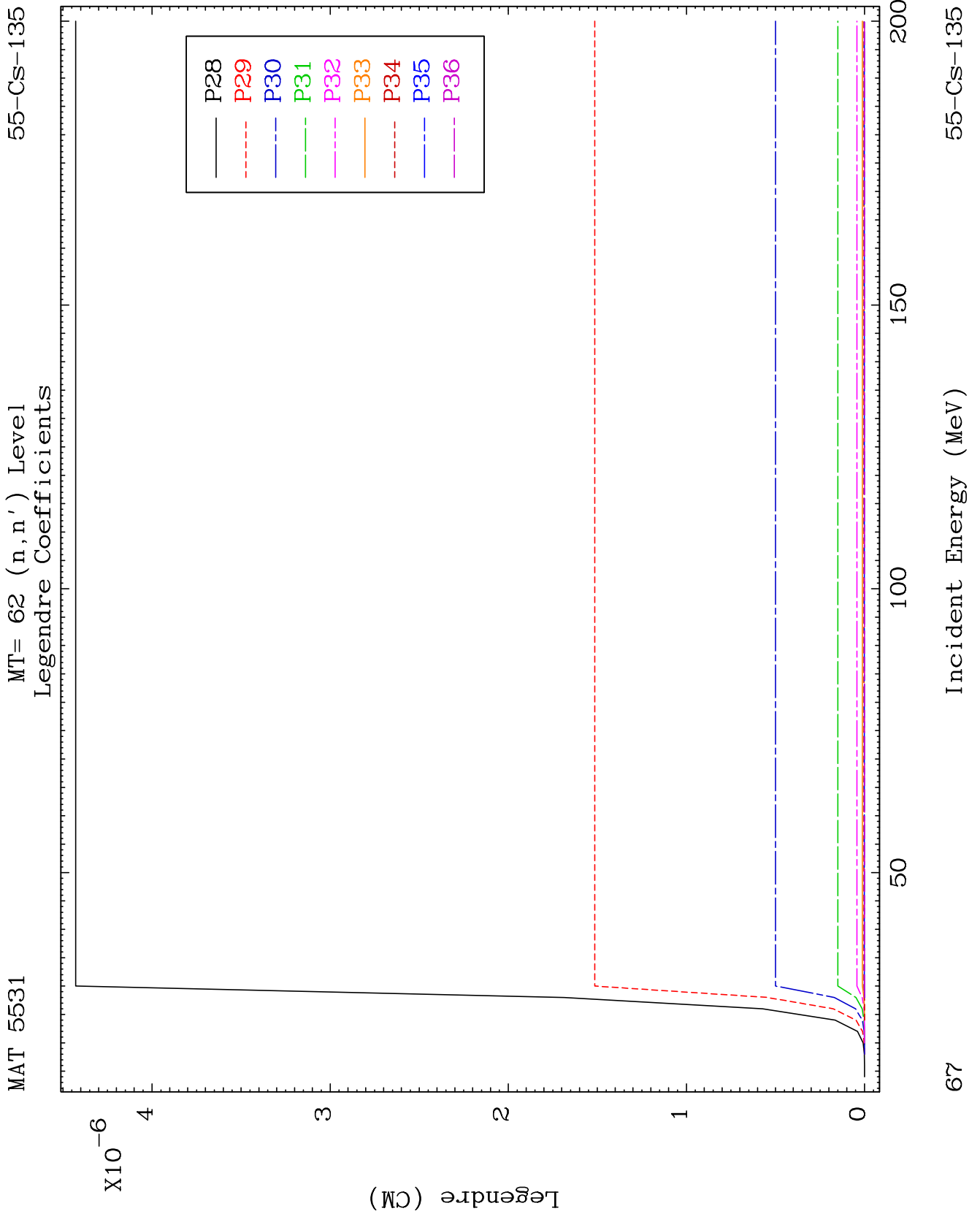
55-Cs-135

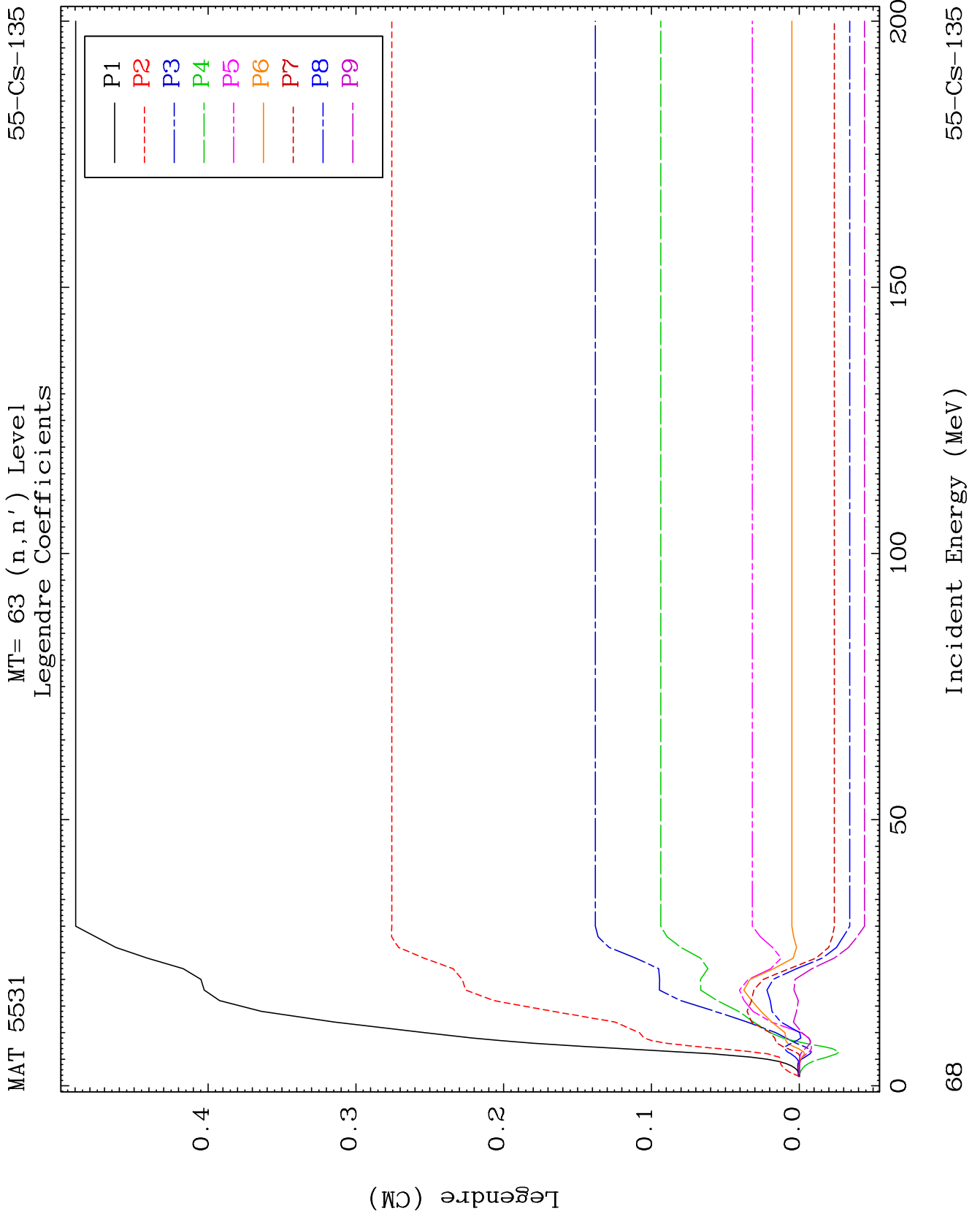


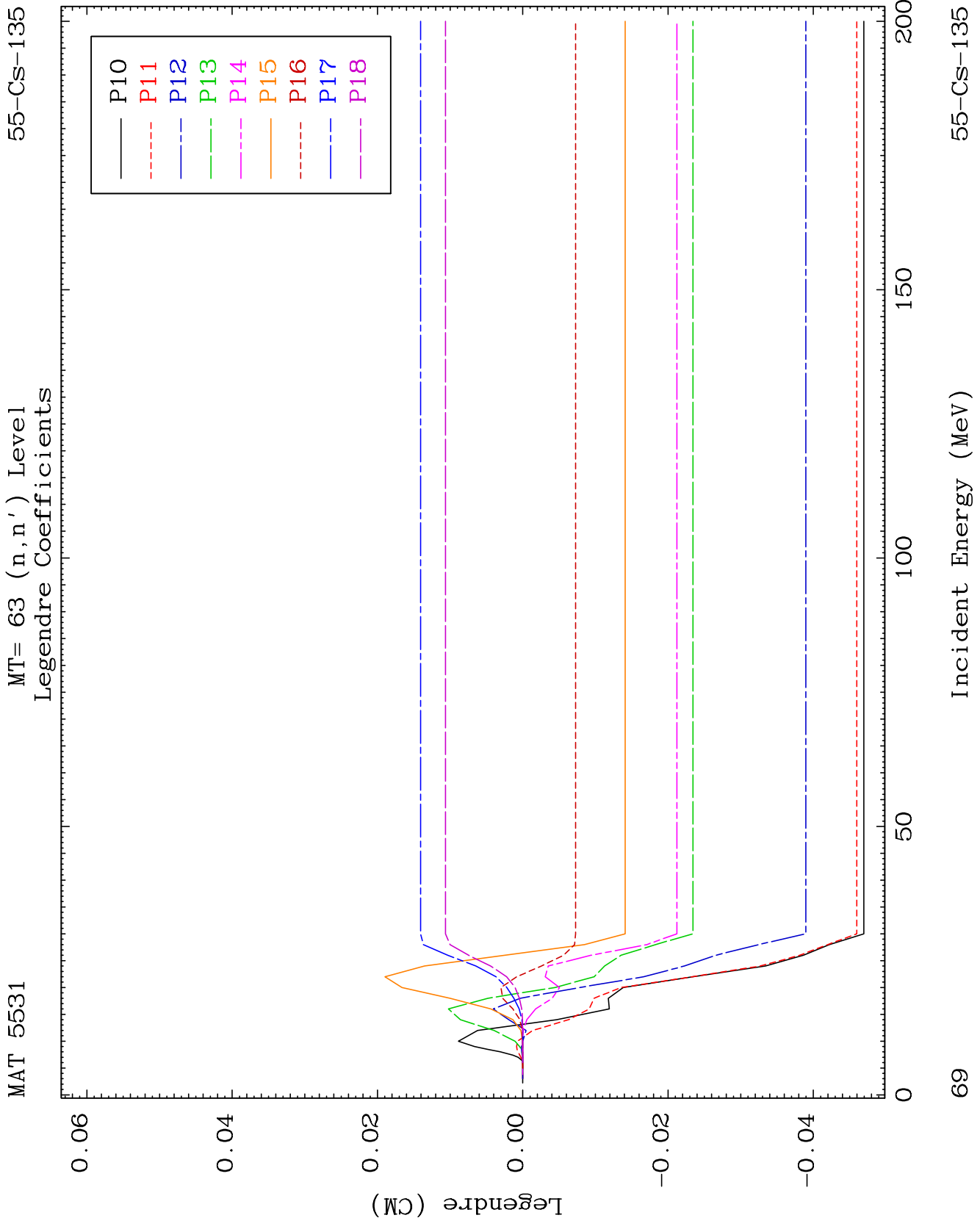
66

Incident Energy (MeV)

55-Cs-135



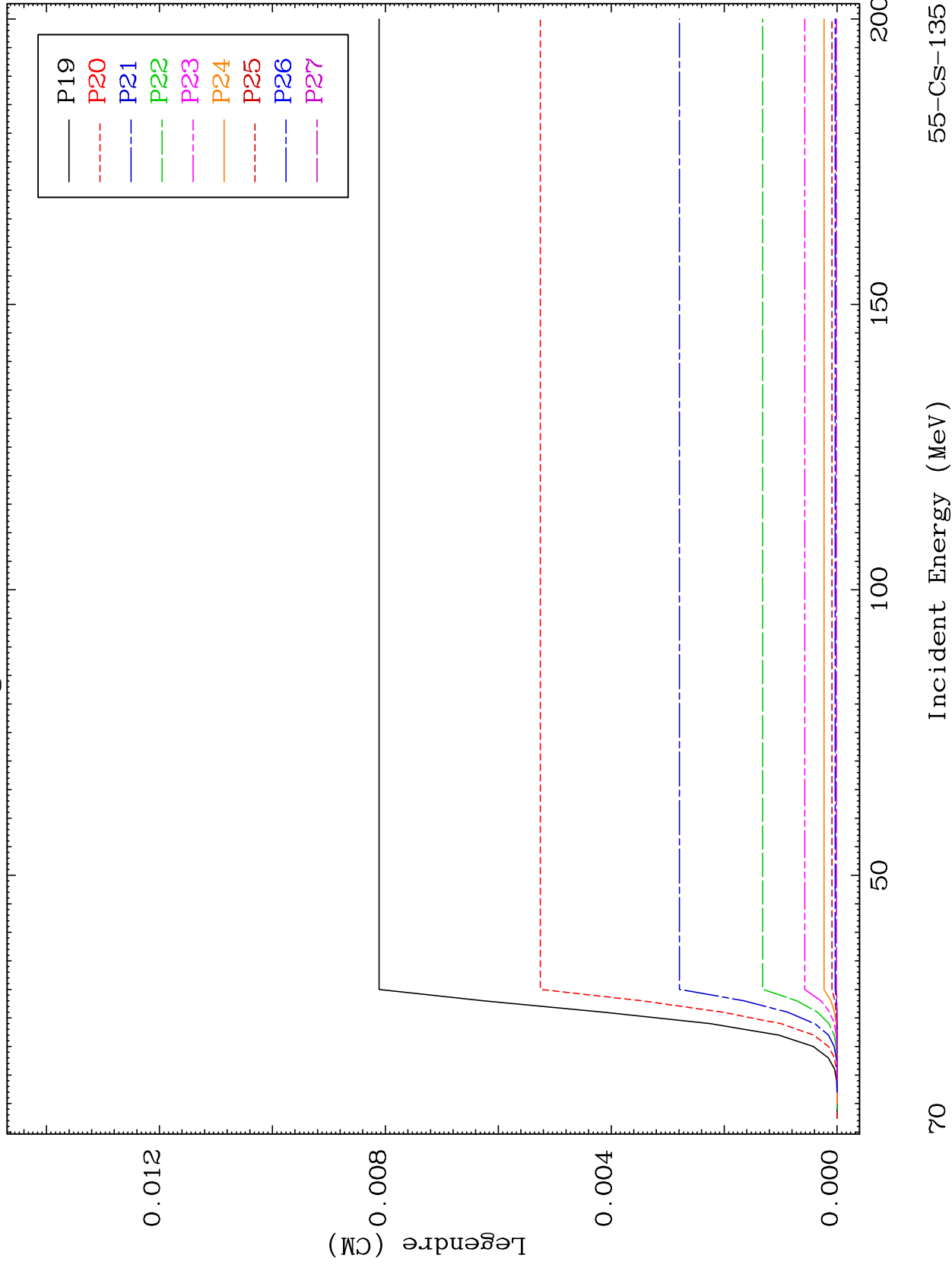




MAT 5531

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

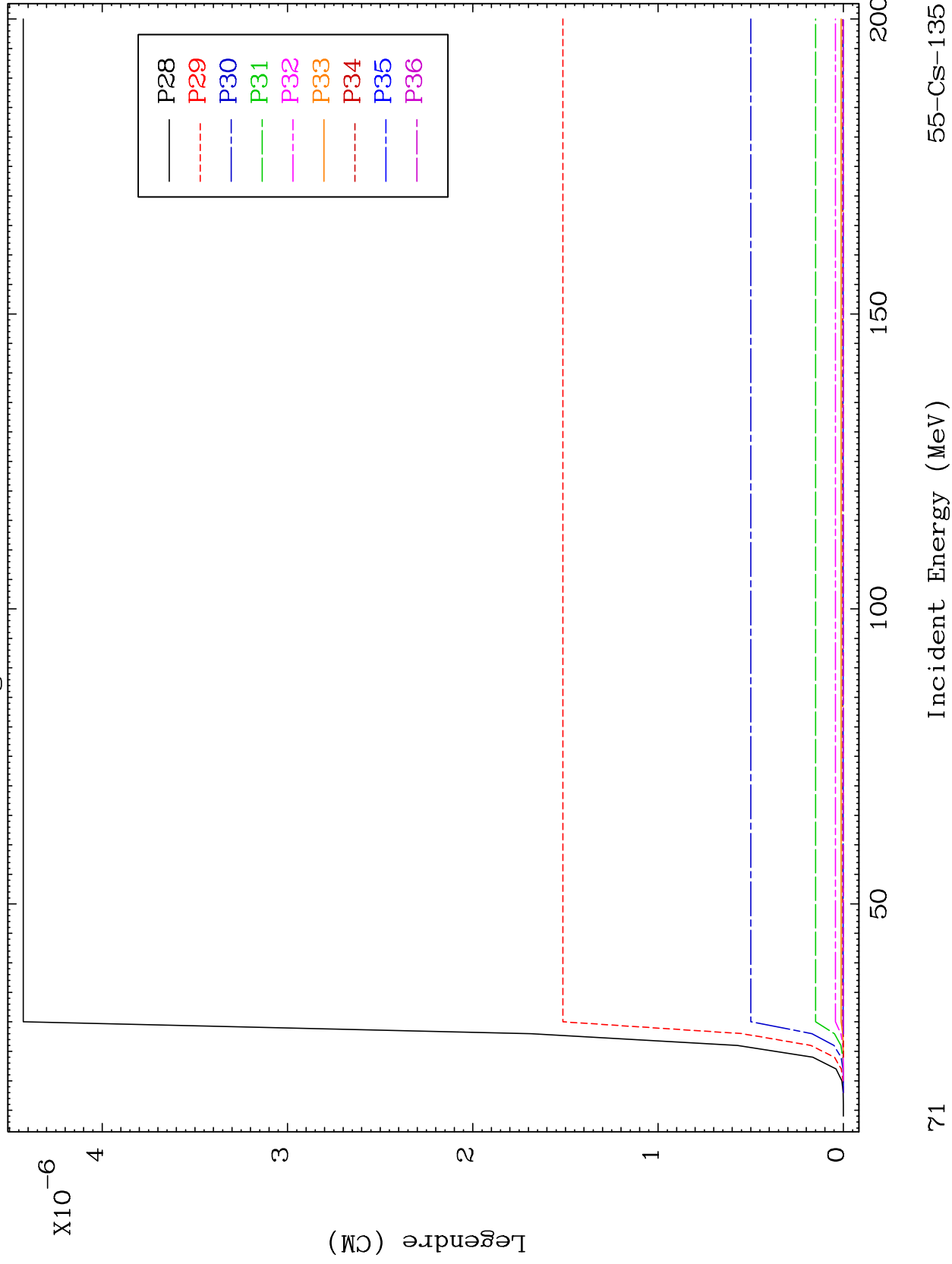
55-Cs-135



MAT 5531

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

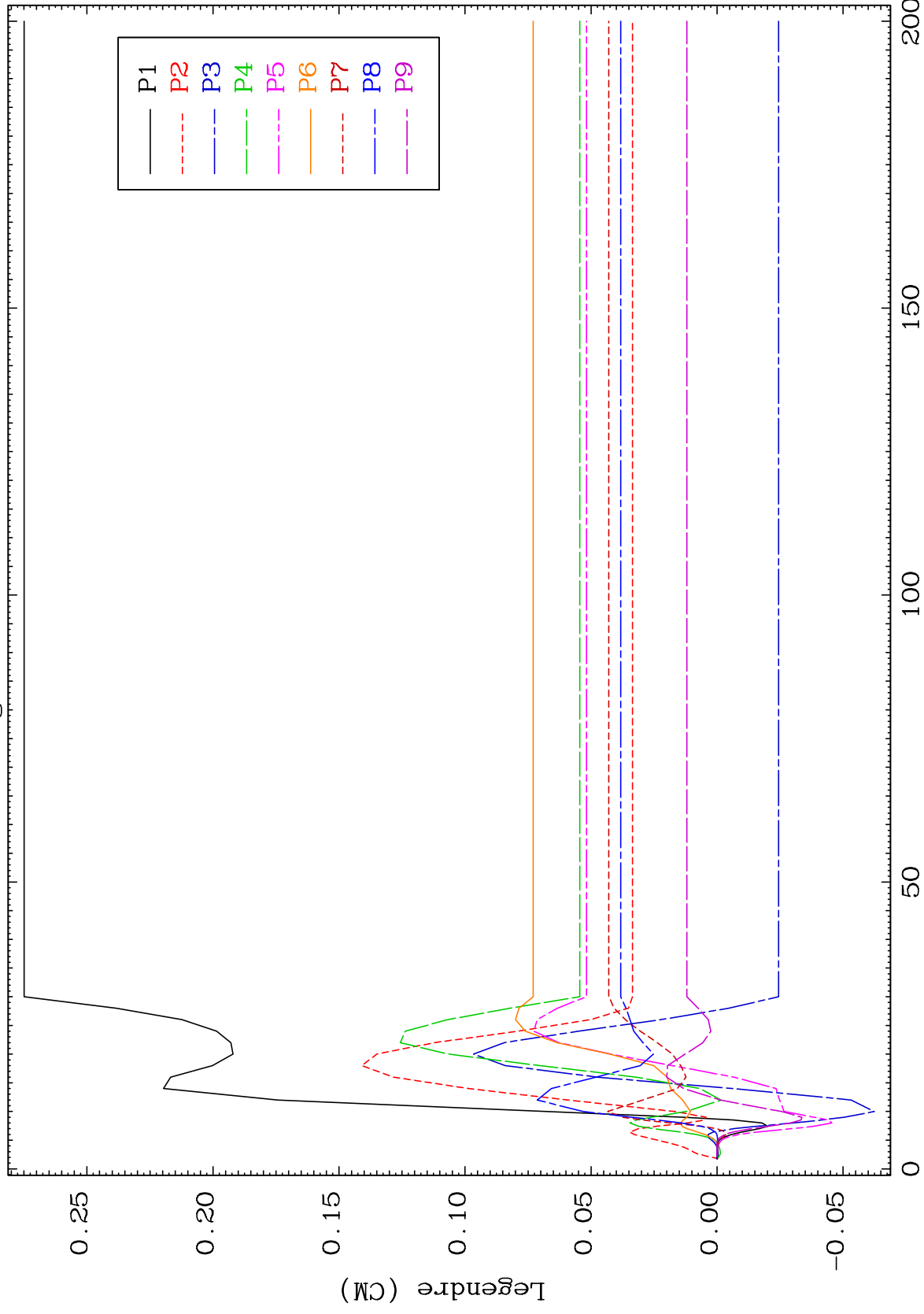
55-Cs-135



MAT 5531

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

55-Cs-135



72

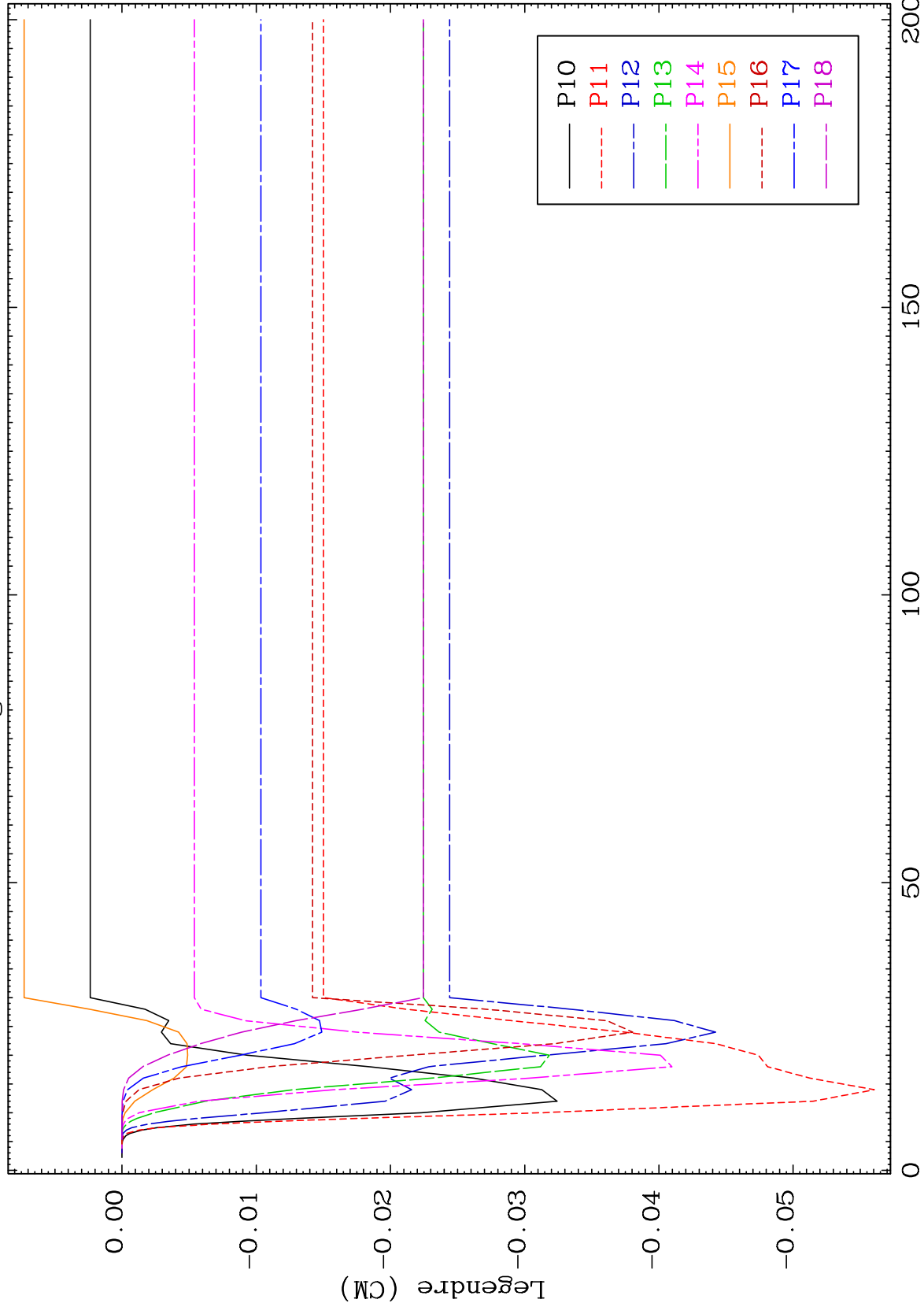
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

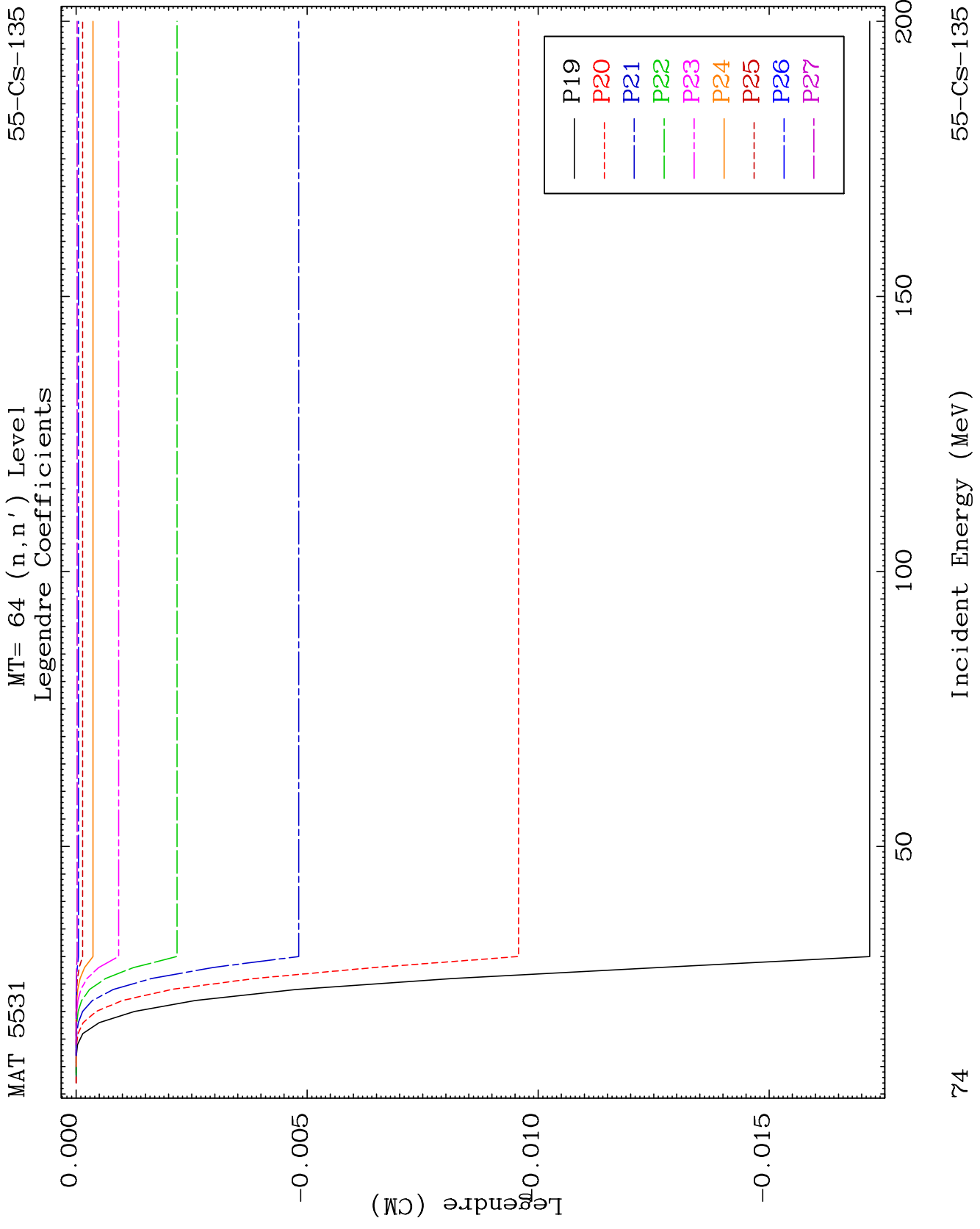
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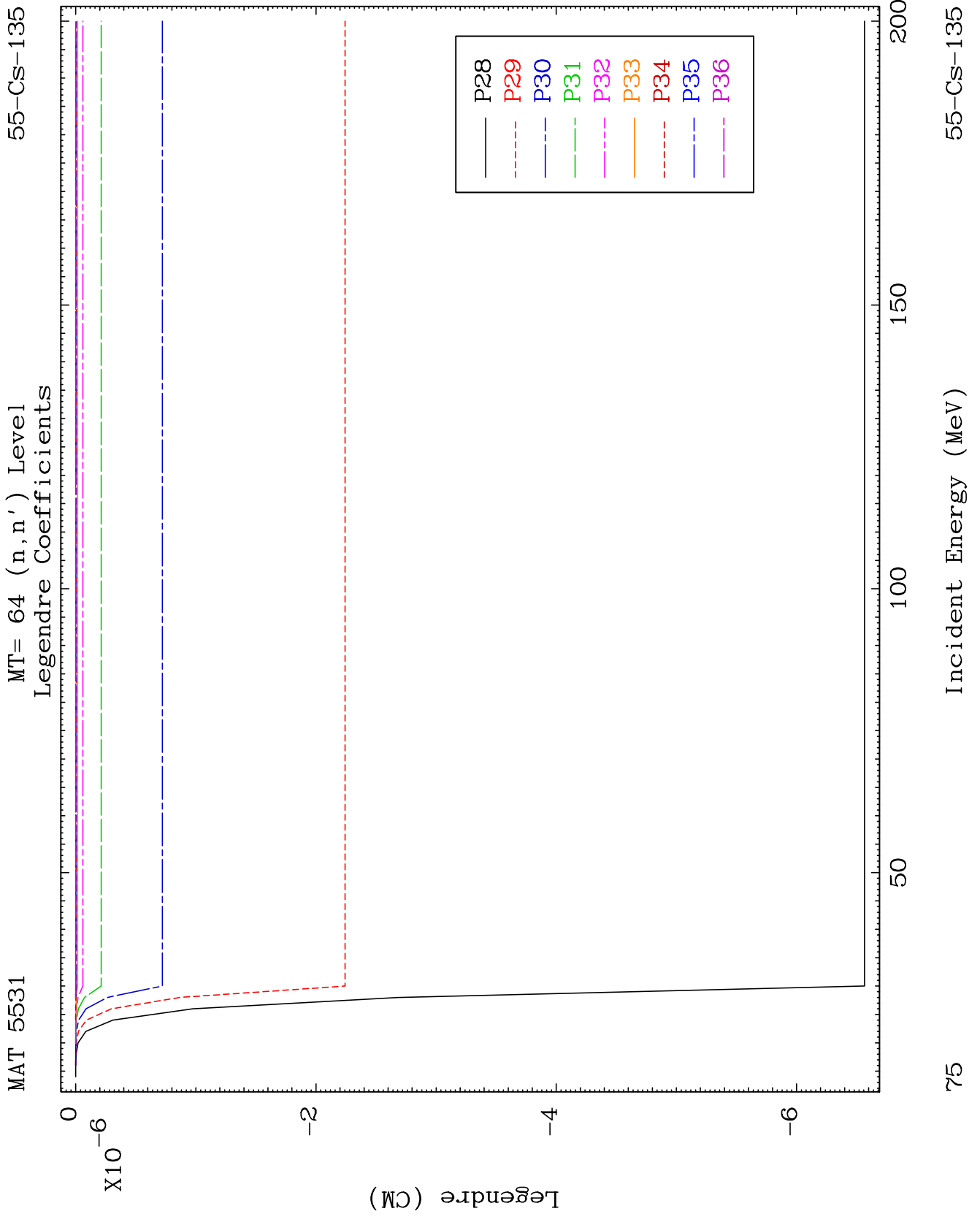


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Incident Energy (MeV)

55-Cs-135

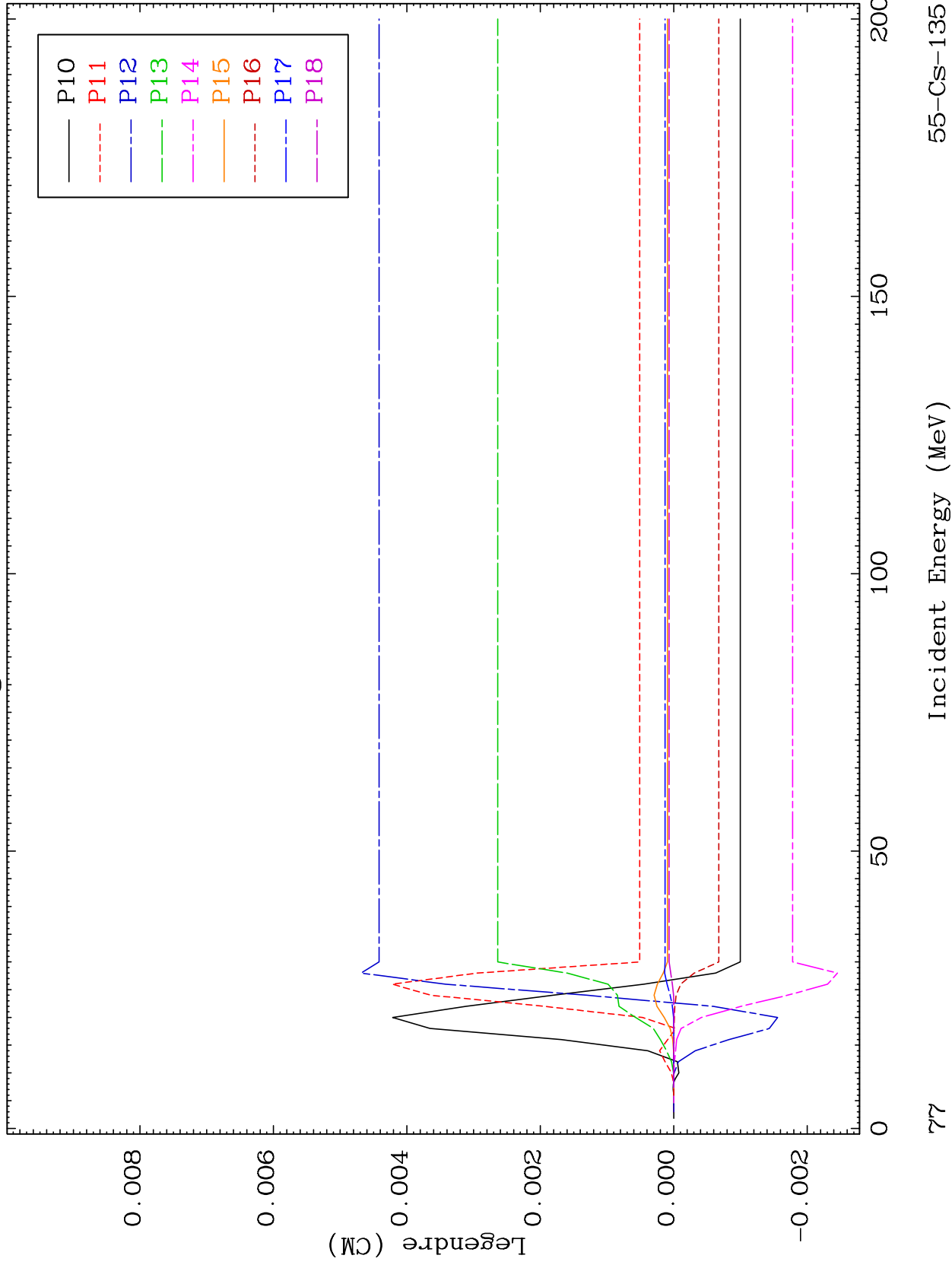




MAT 5531

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

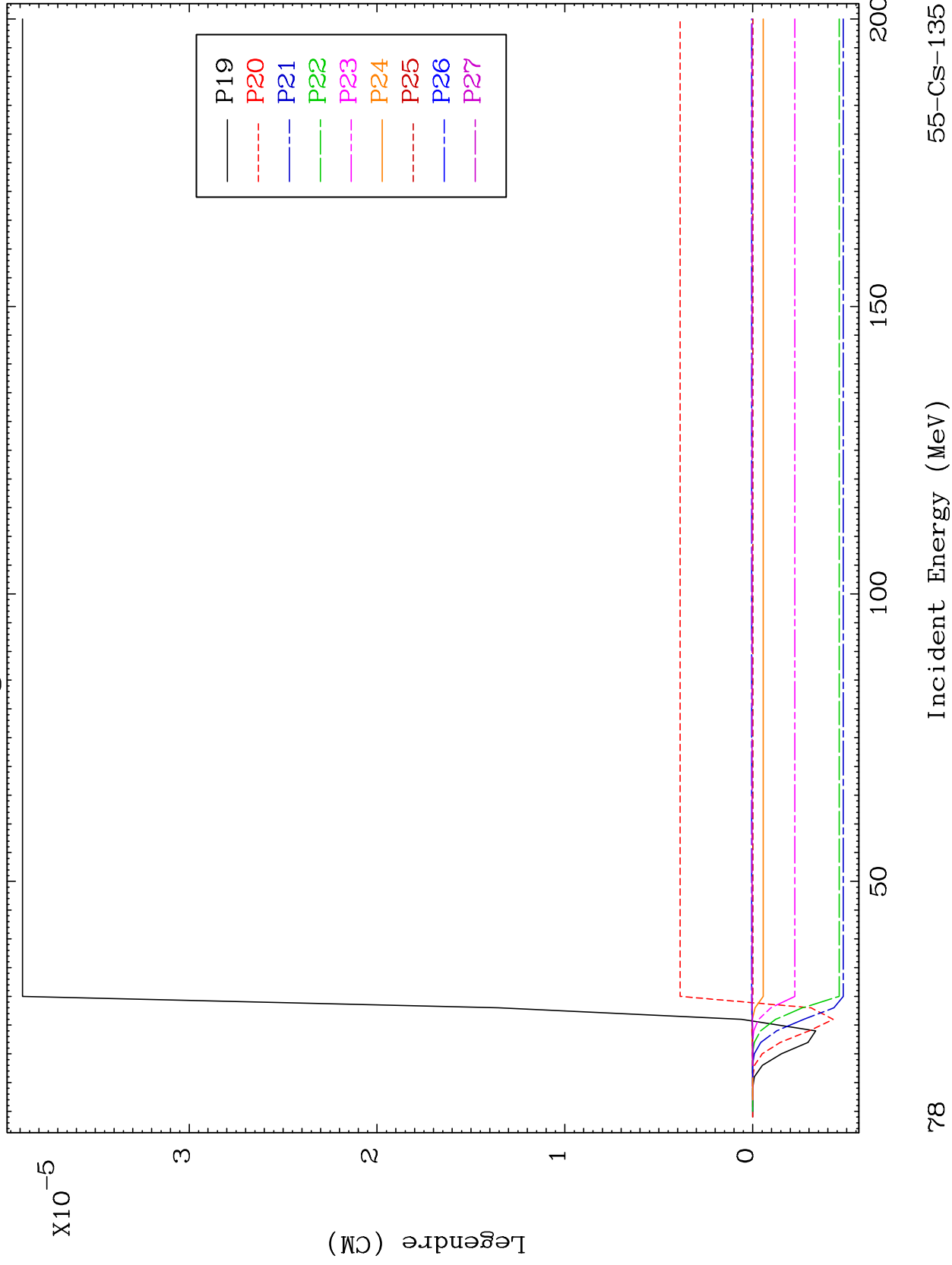
55-Cs-135



MAT 5531

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

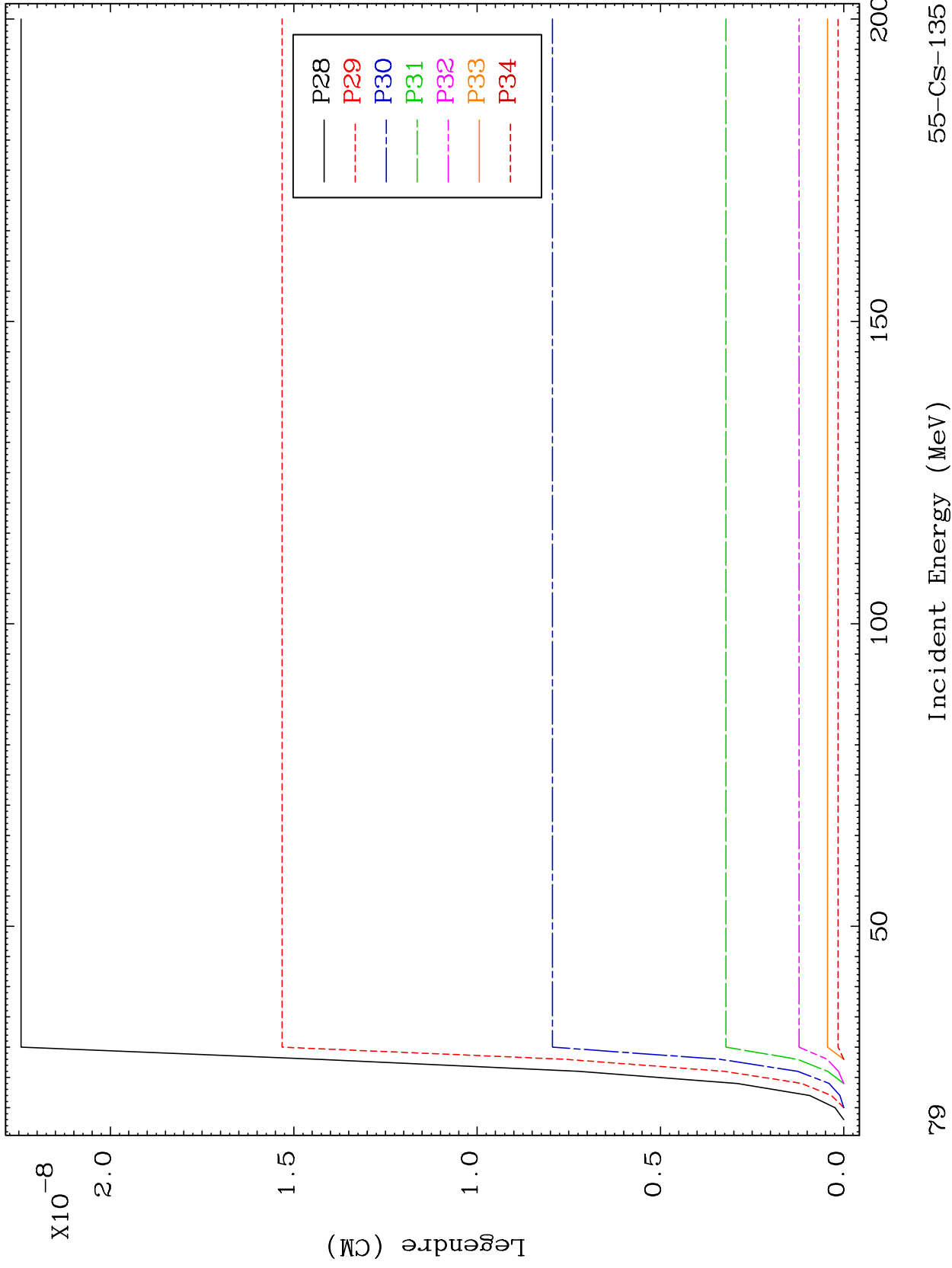
55-Cs-135



MAT 5531

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

55-Cs-135



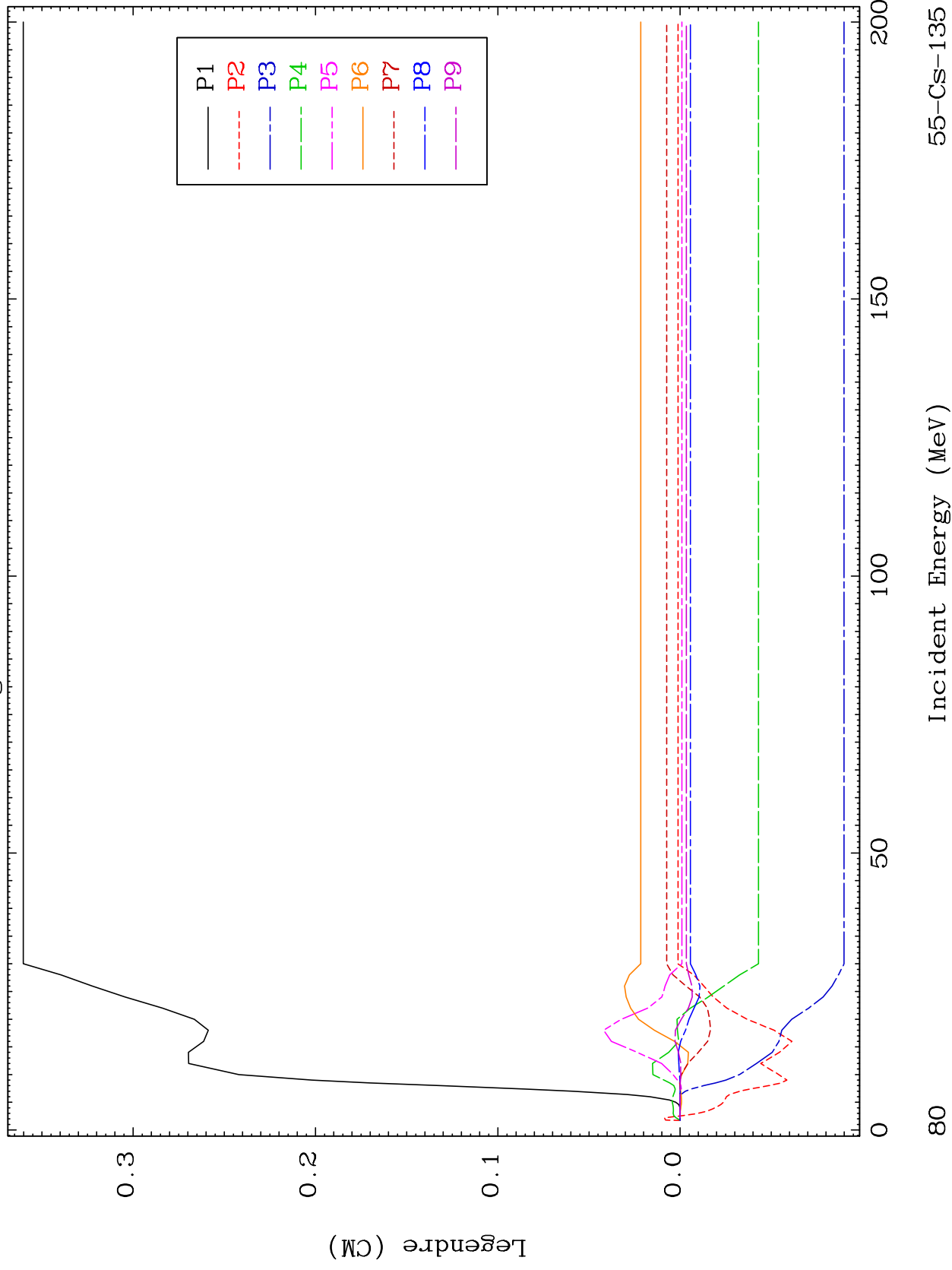
79

55-Cs-135

MAT 5531

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

55-Cs-135



55-Cs-135

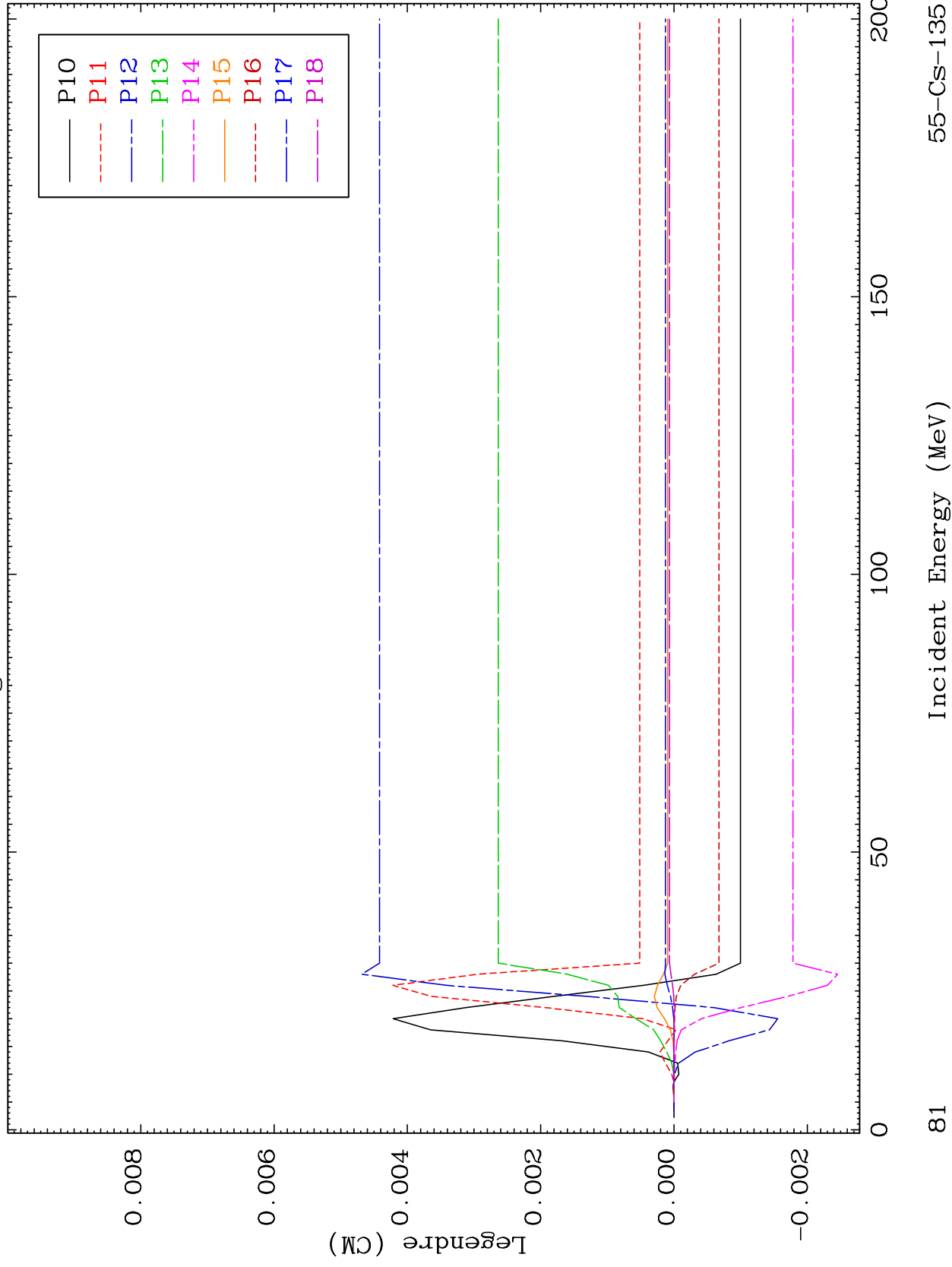
Incident Energy (MeV)

80

MAT 5531

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

55-Cs-135



81

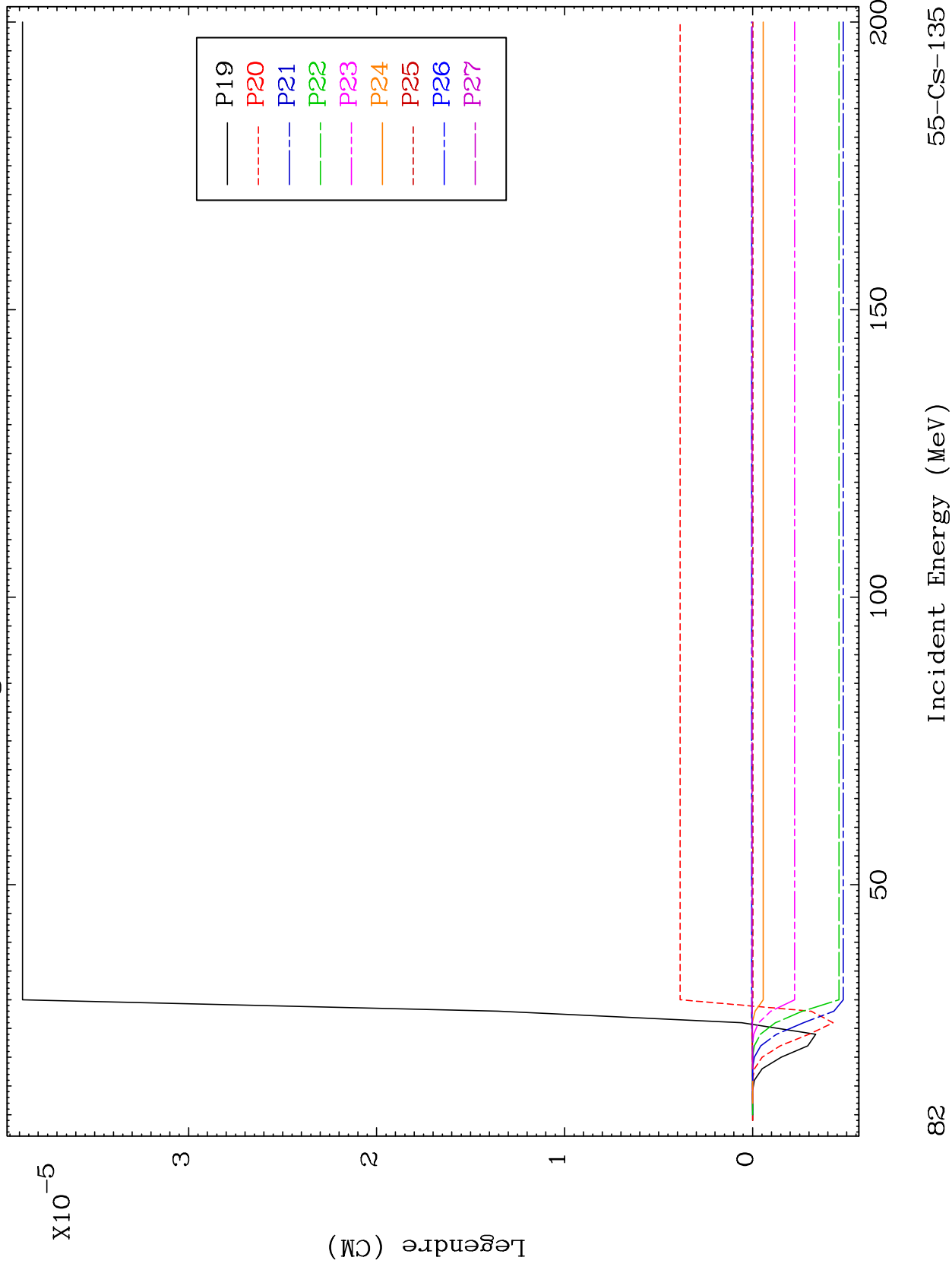
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

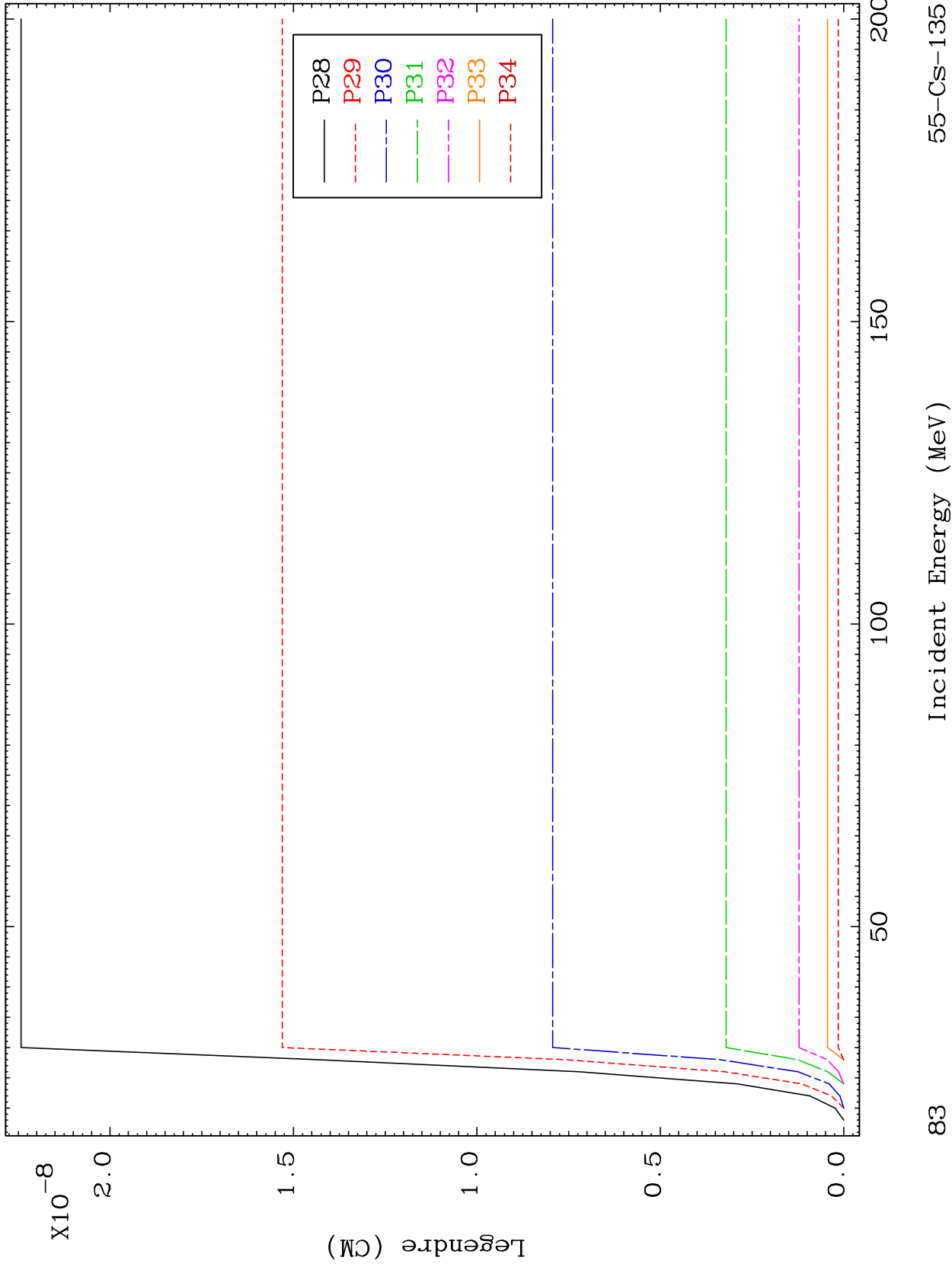
55-Cs-135



MAT 5531

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

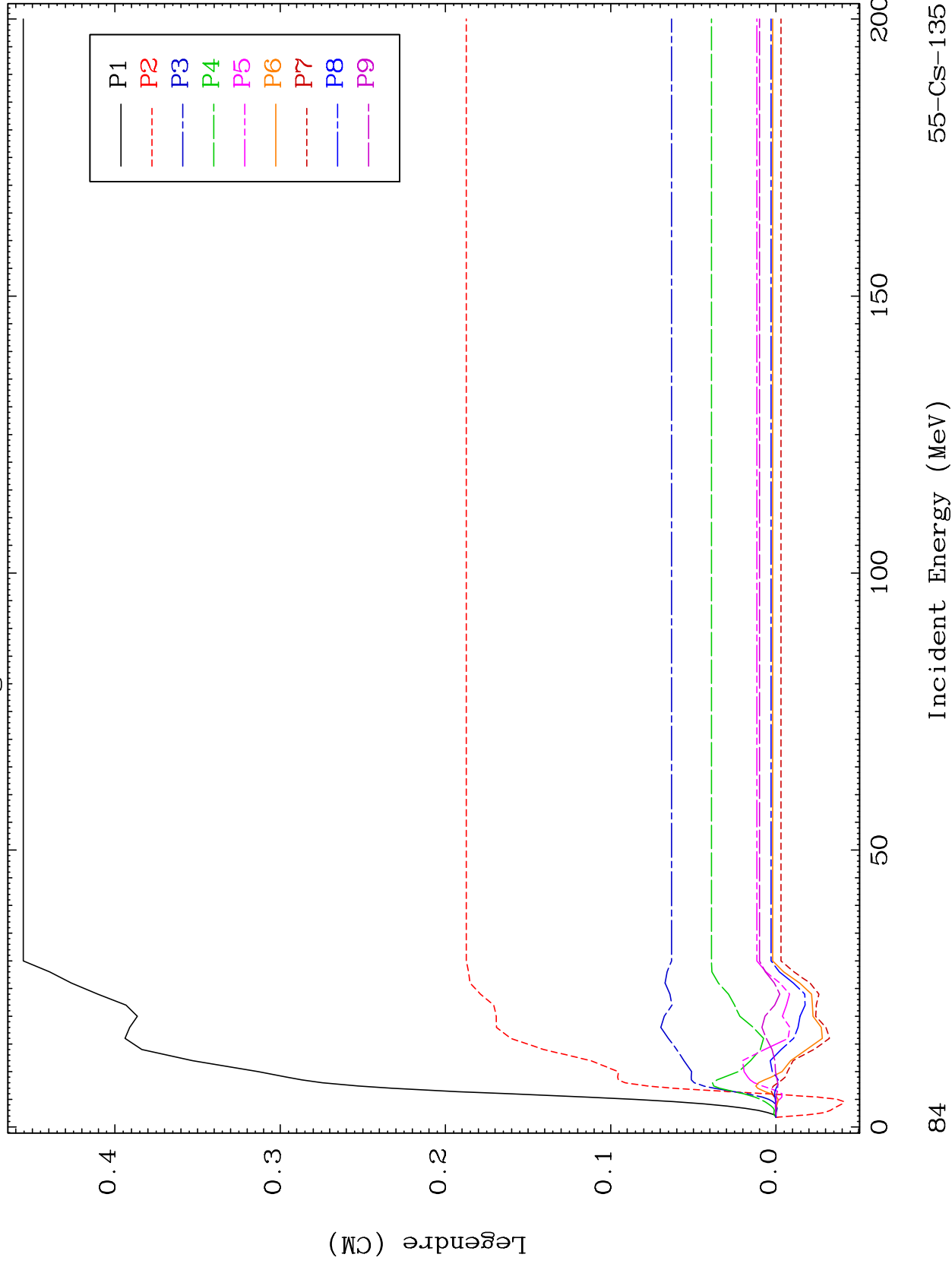
55-Cs-135



MAT 5531

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

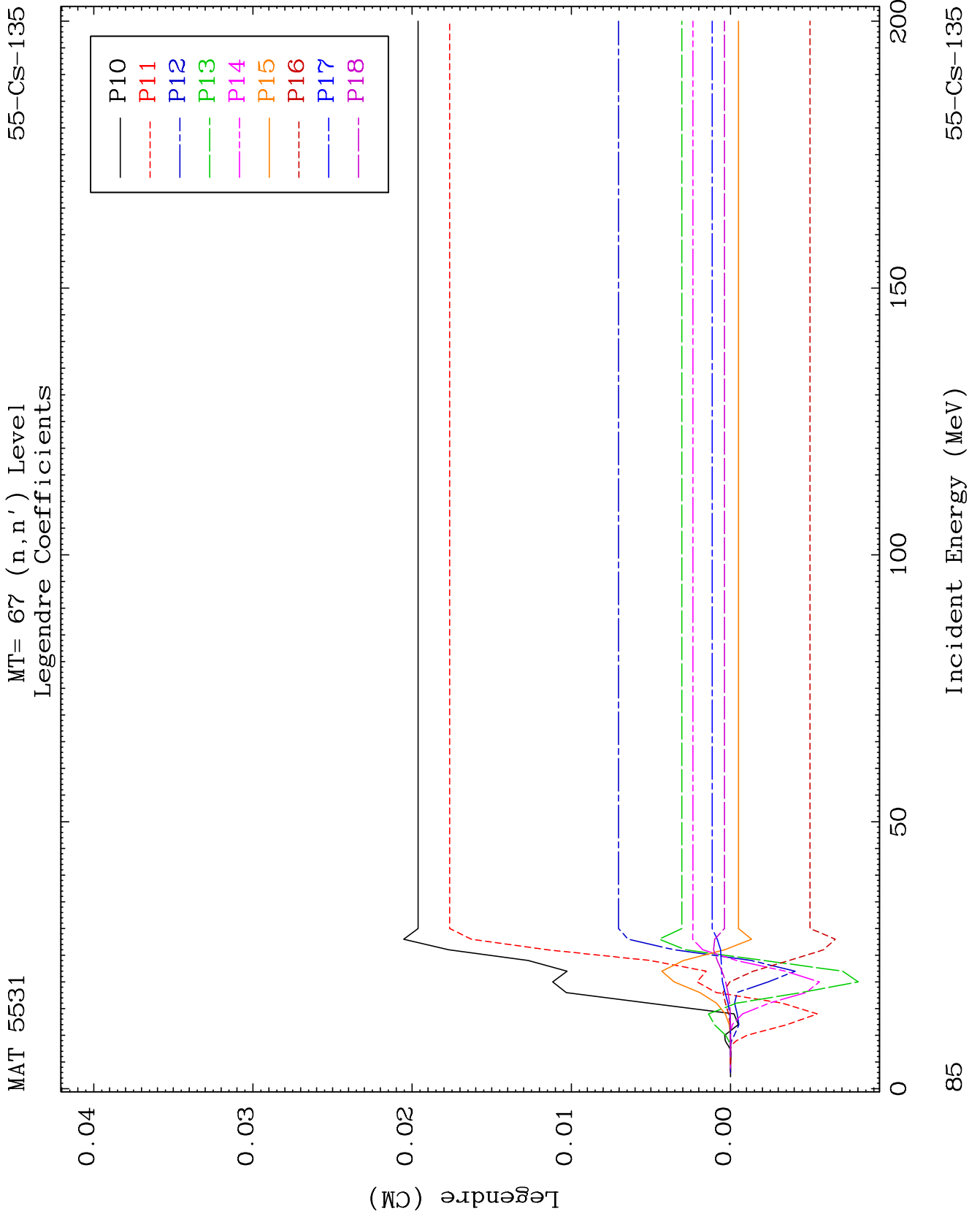
55-Cs-135

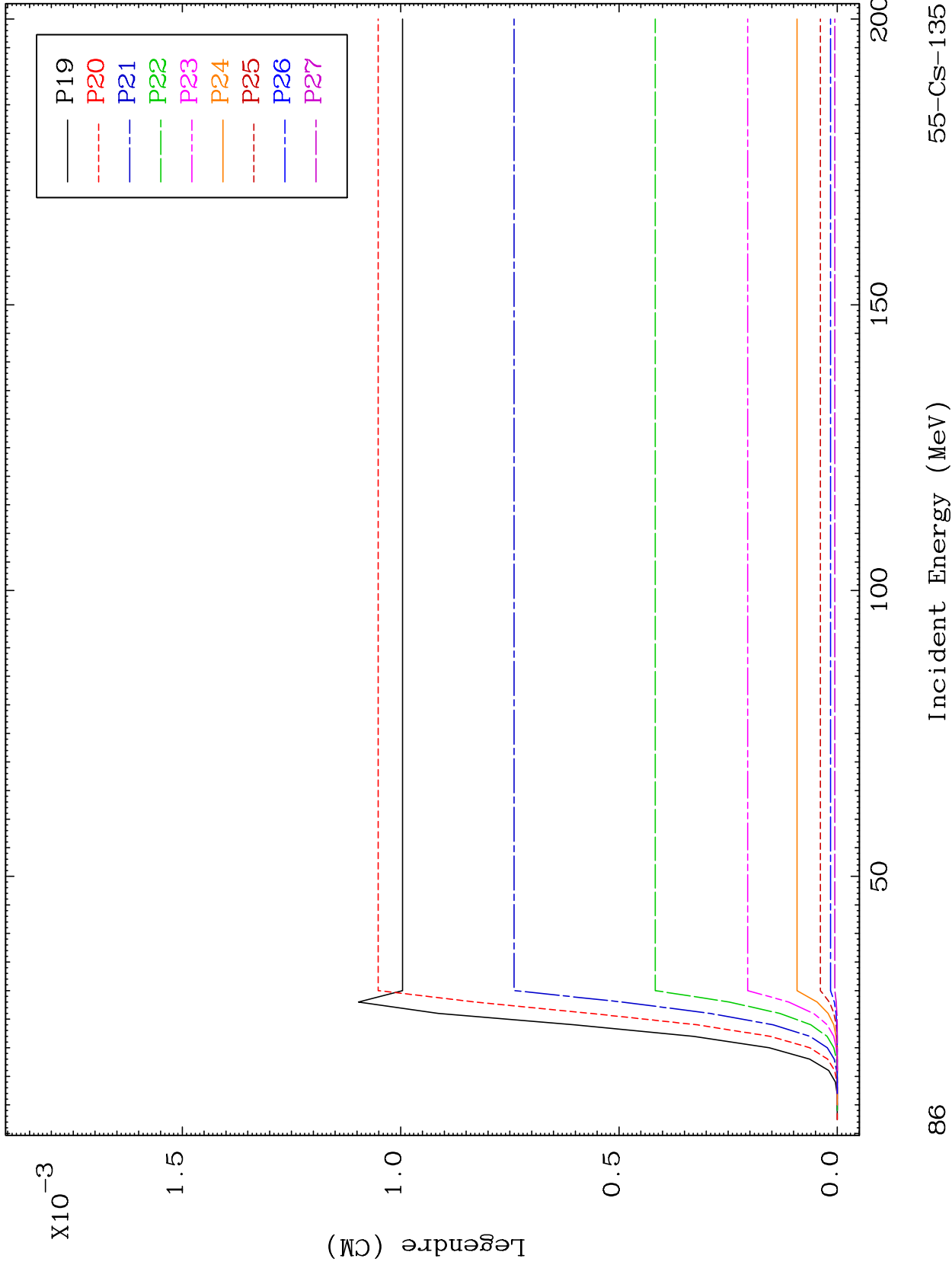


55-Cs-135

Incident Energy (MeV)

84

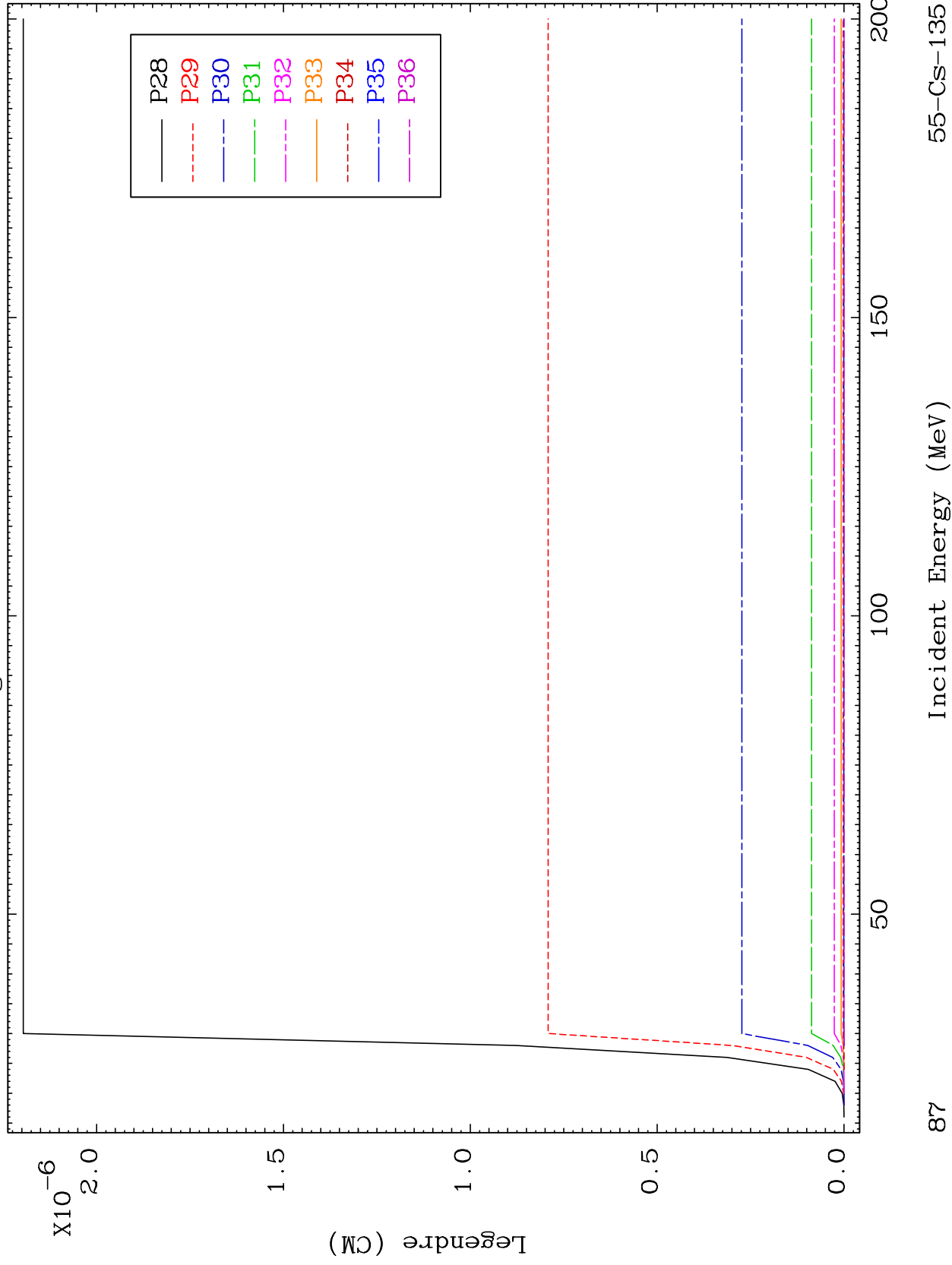


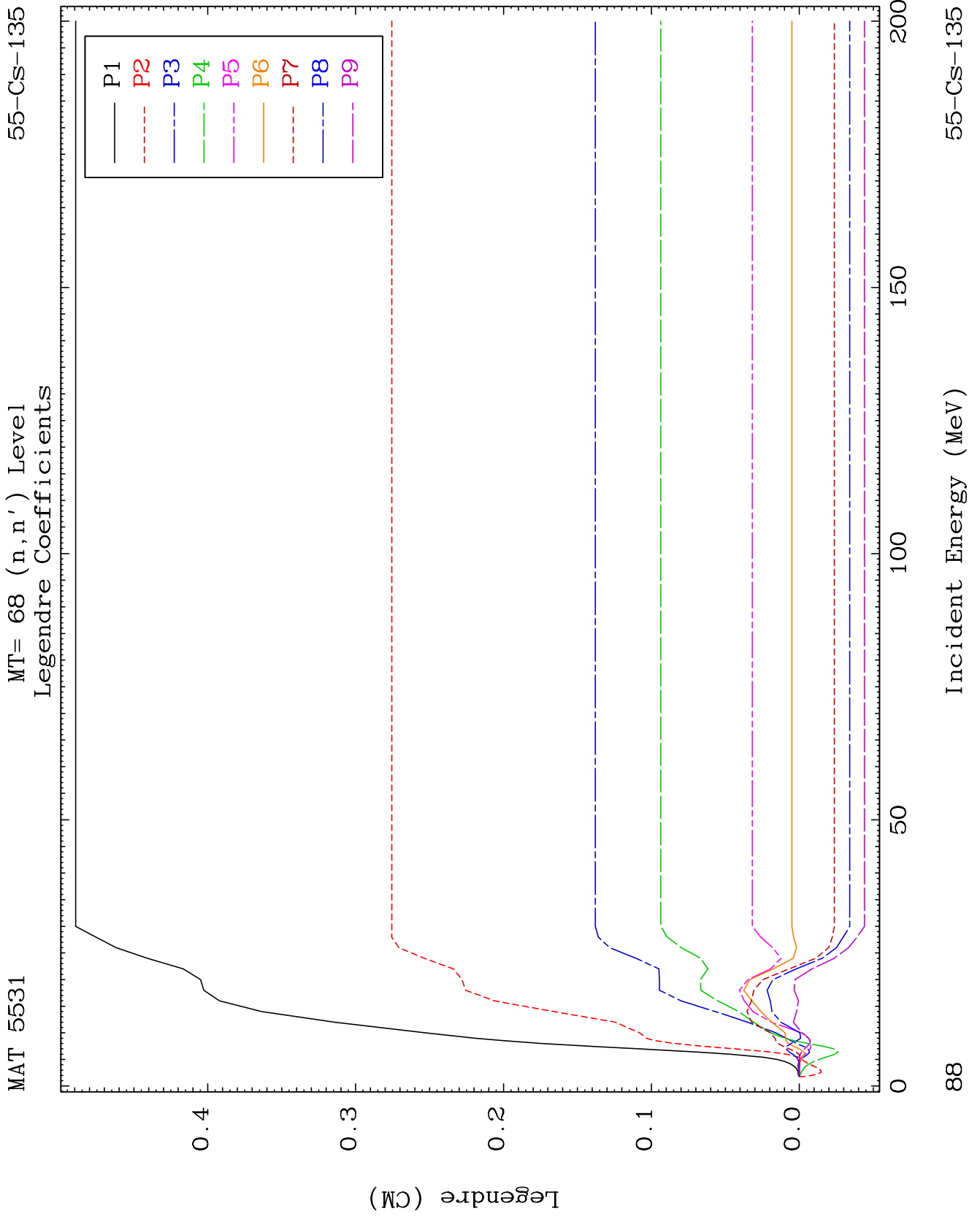


MAT 5531

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

55-Cs-135

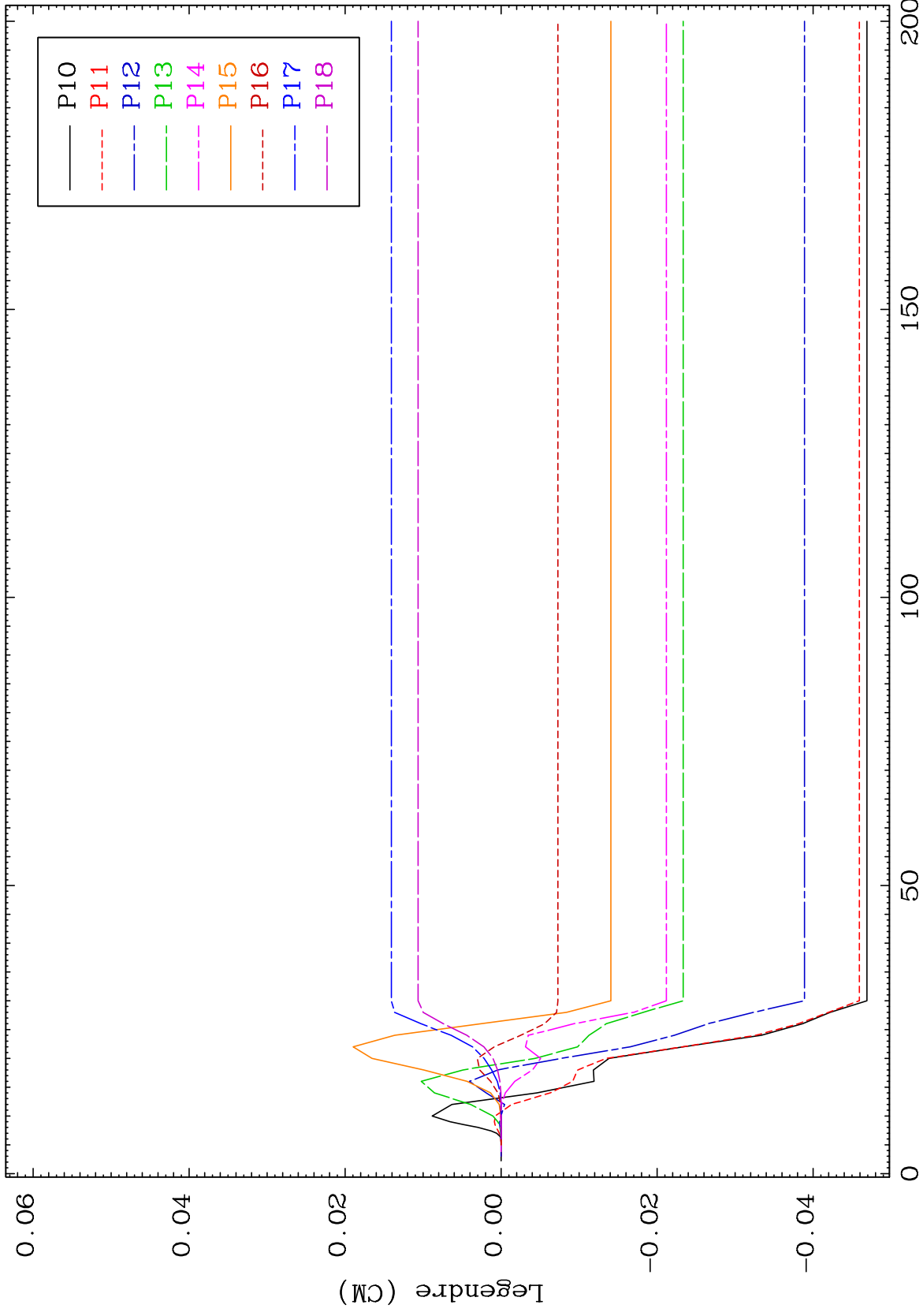




MAT 5531

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

55-Cs-135



89

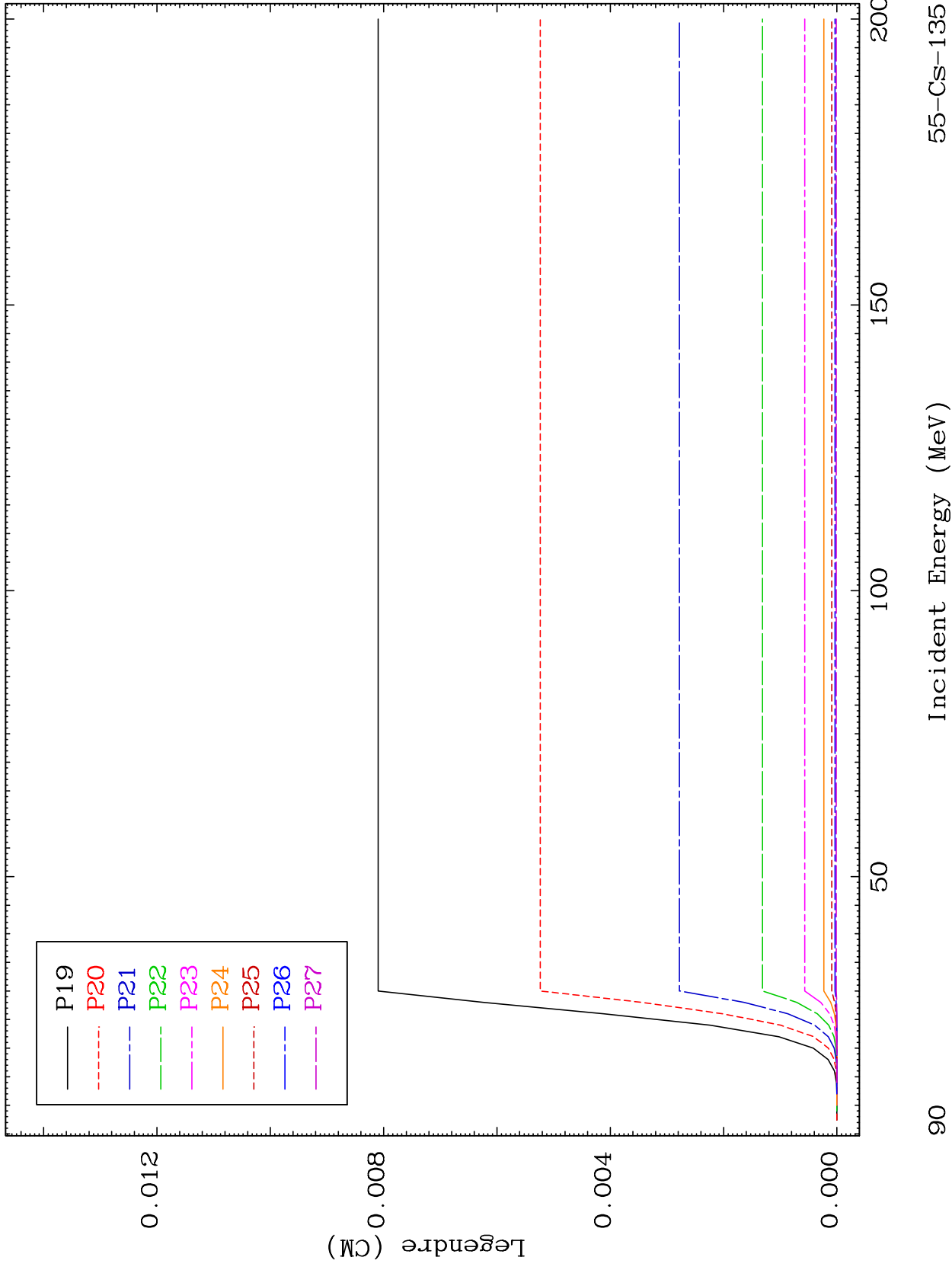
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

55-Cs-135



90

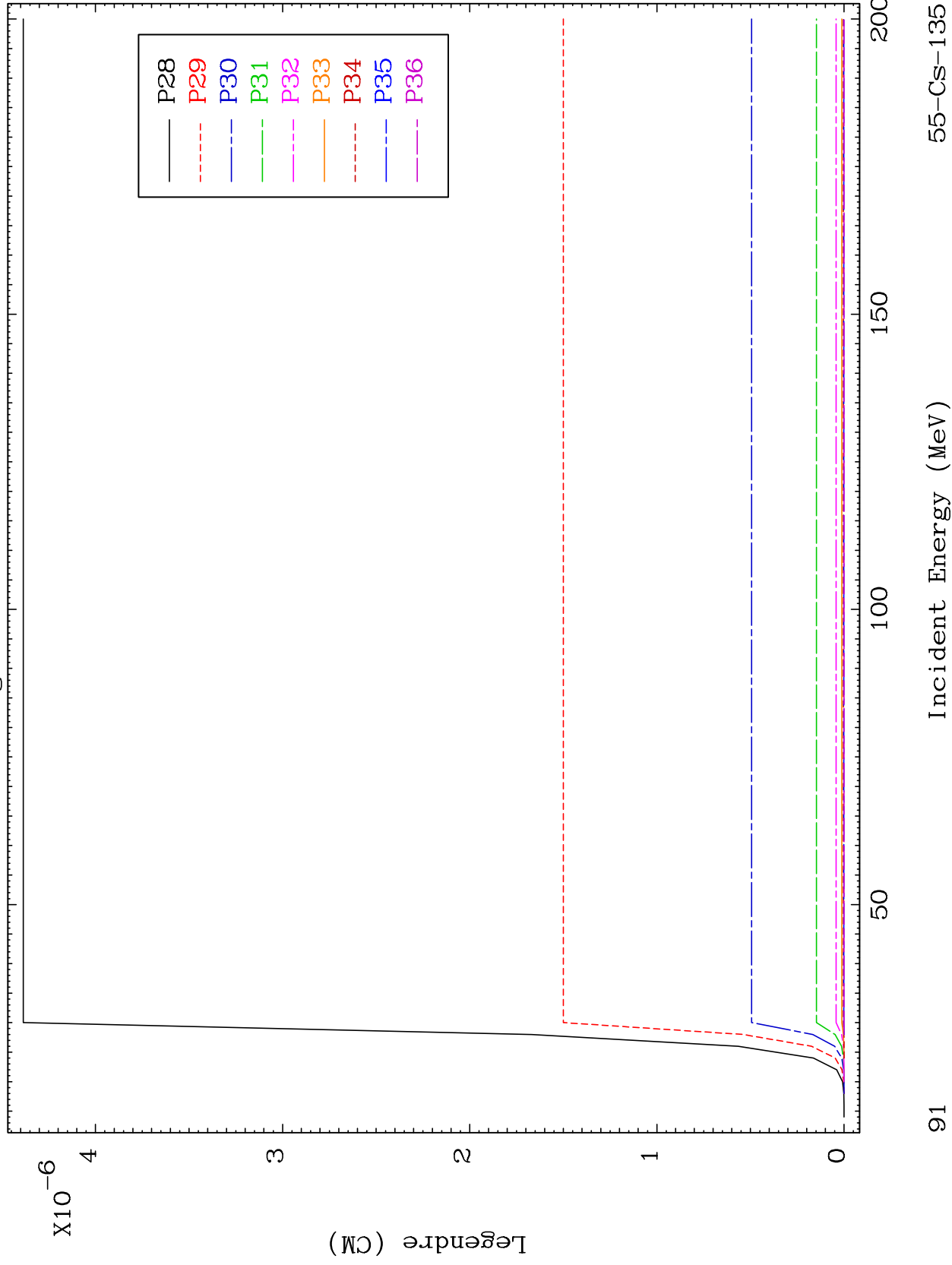
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

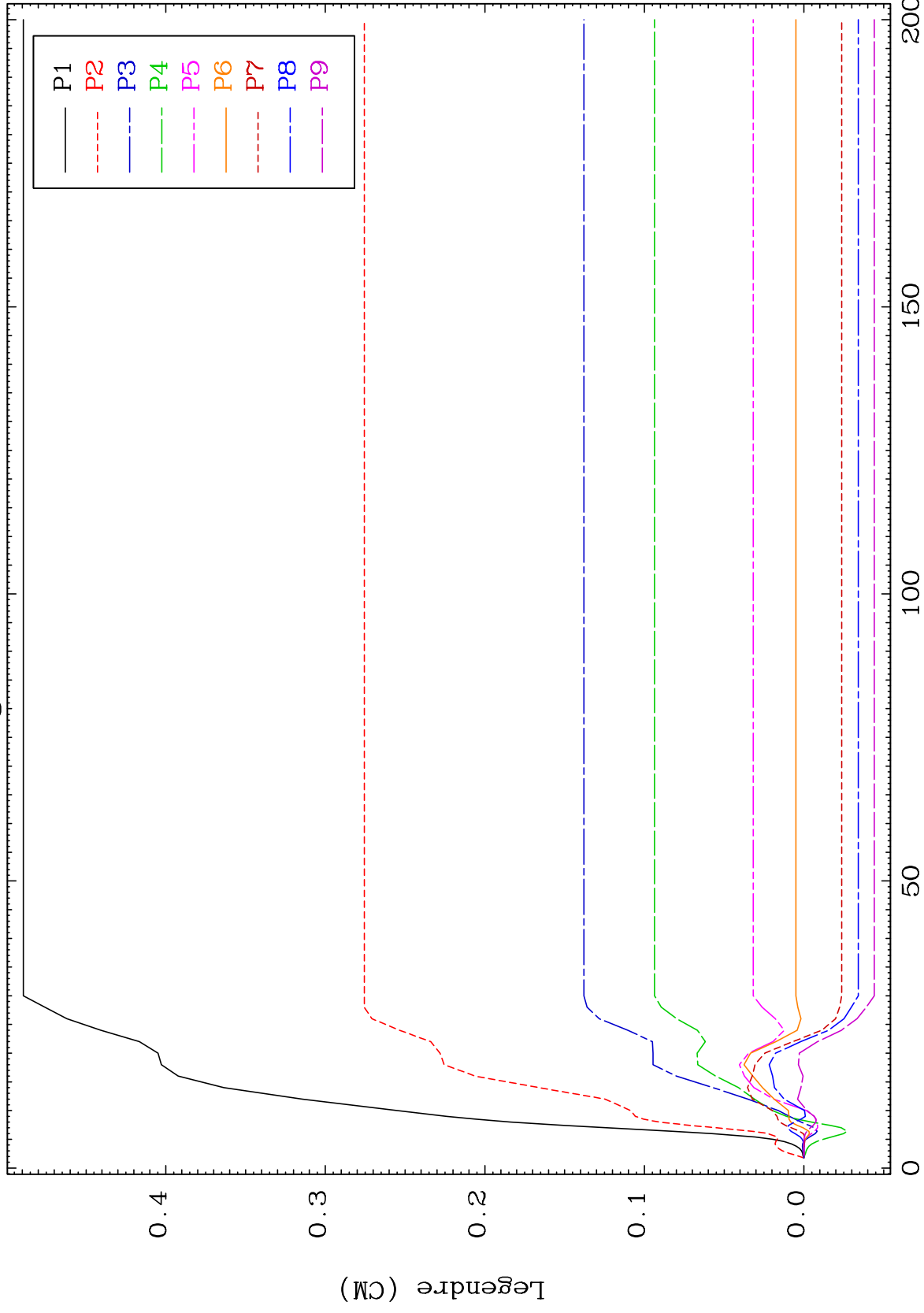
55-Cs-135



MAT 5531

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

55-Cs-135



92

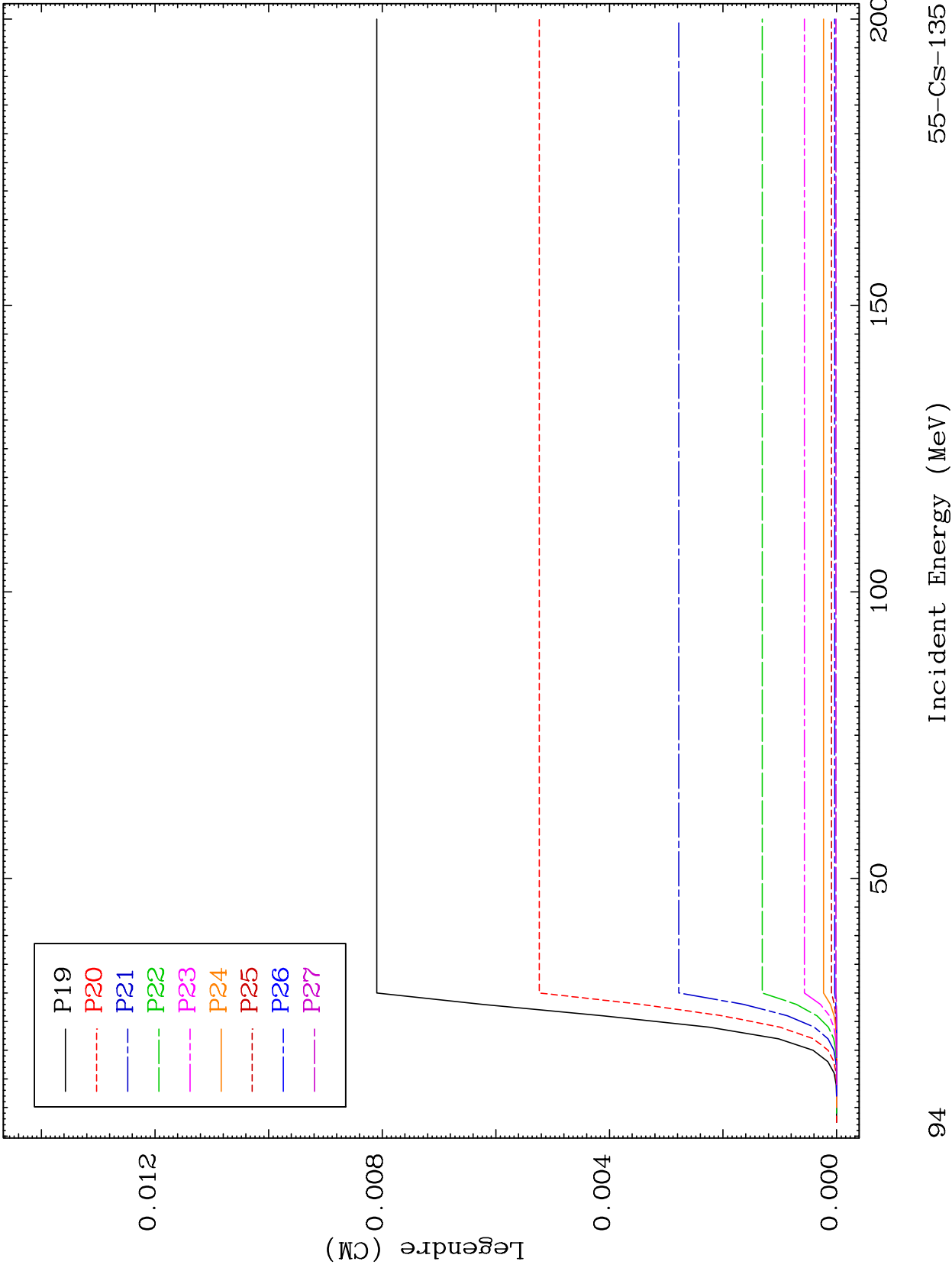
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

55-Cs-135



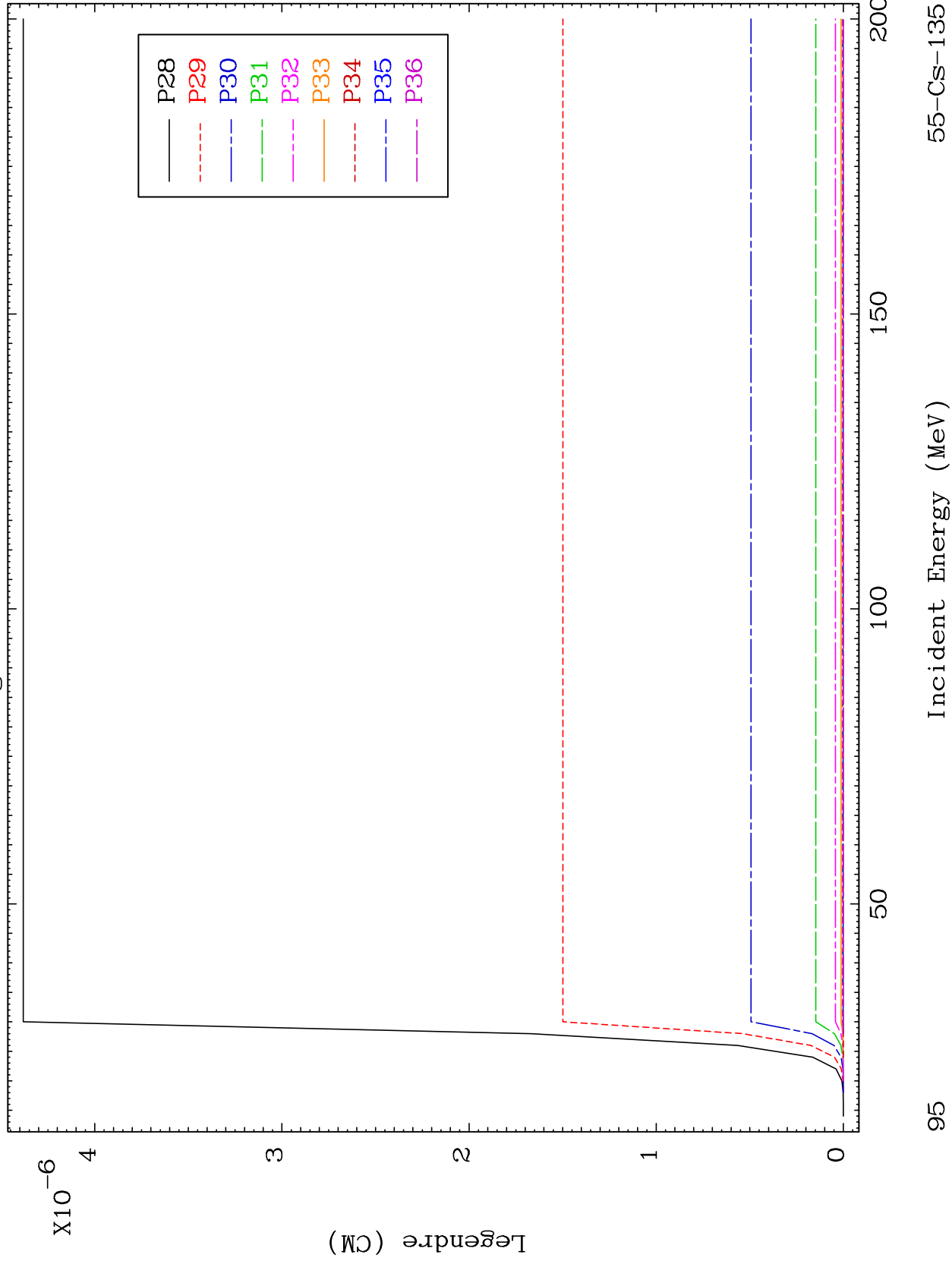
94

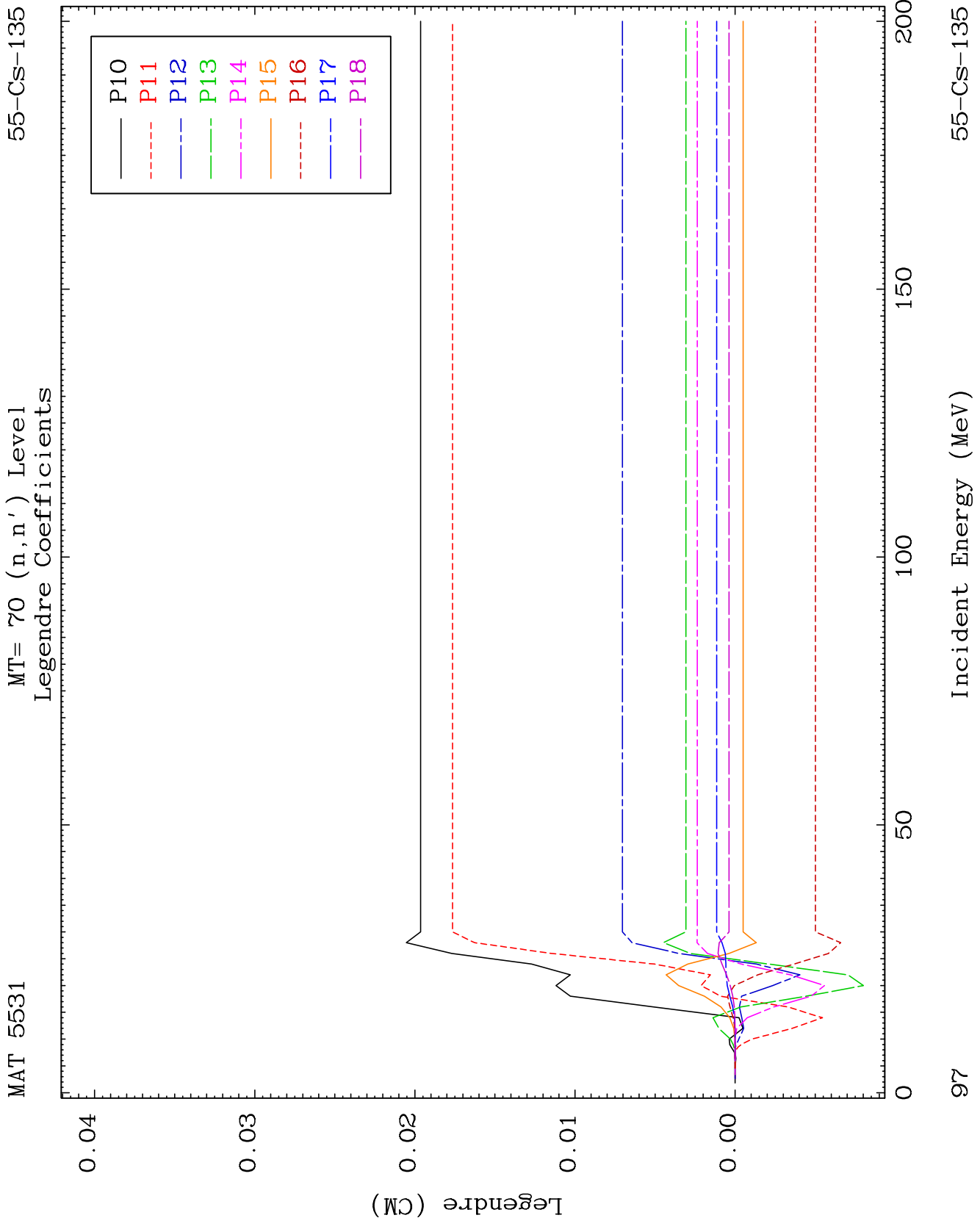
55-Cs-135

MAT 5531

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

55-Cs-135





MAT 5531

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

55-Cs-135

$\times 10^{-3}$

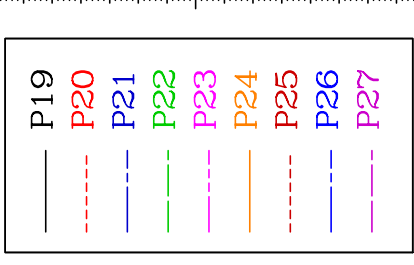
1.5

Legendre (CM)

1.0

0.5

0.0



50

100

150

200

98

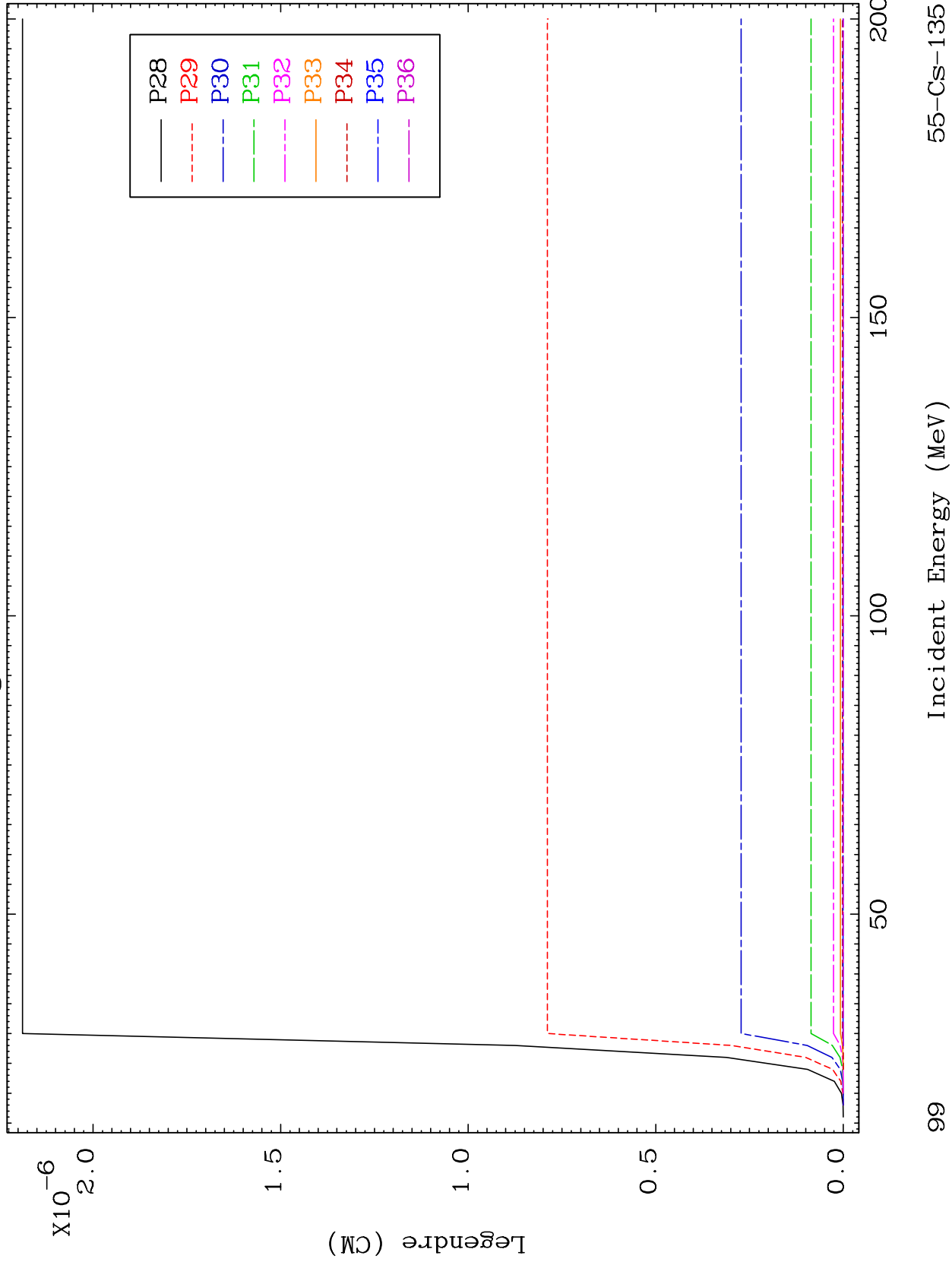
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

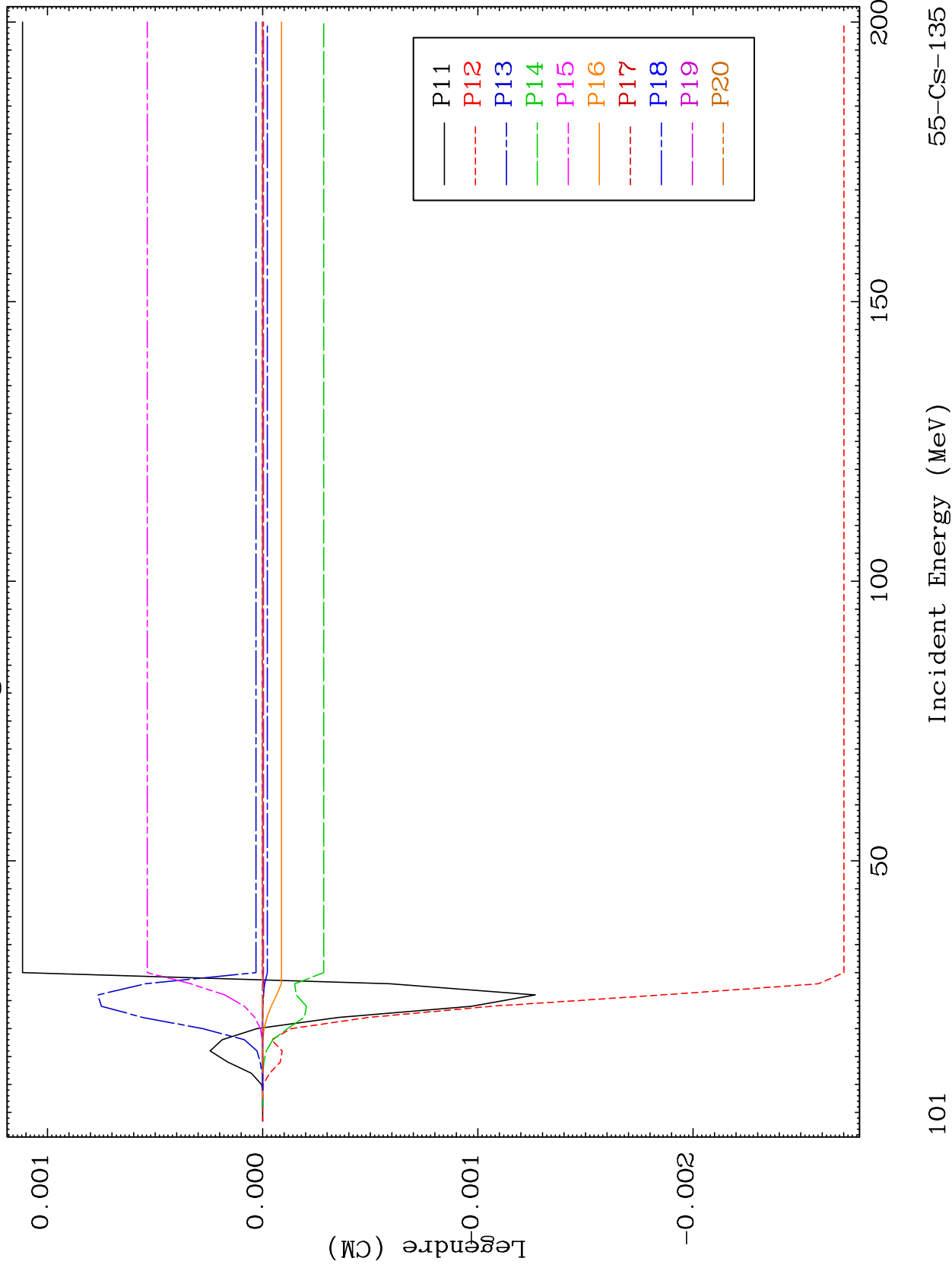
55-Cs-135



MAT 5531

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

55-Cs-135



101

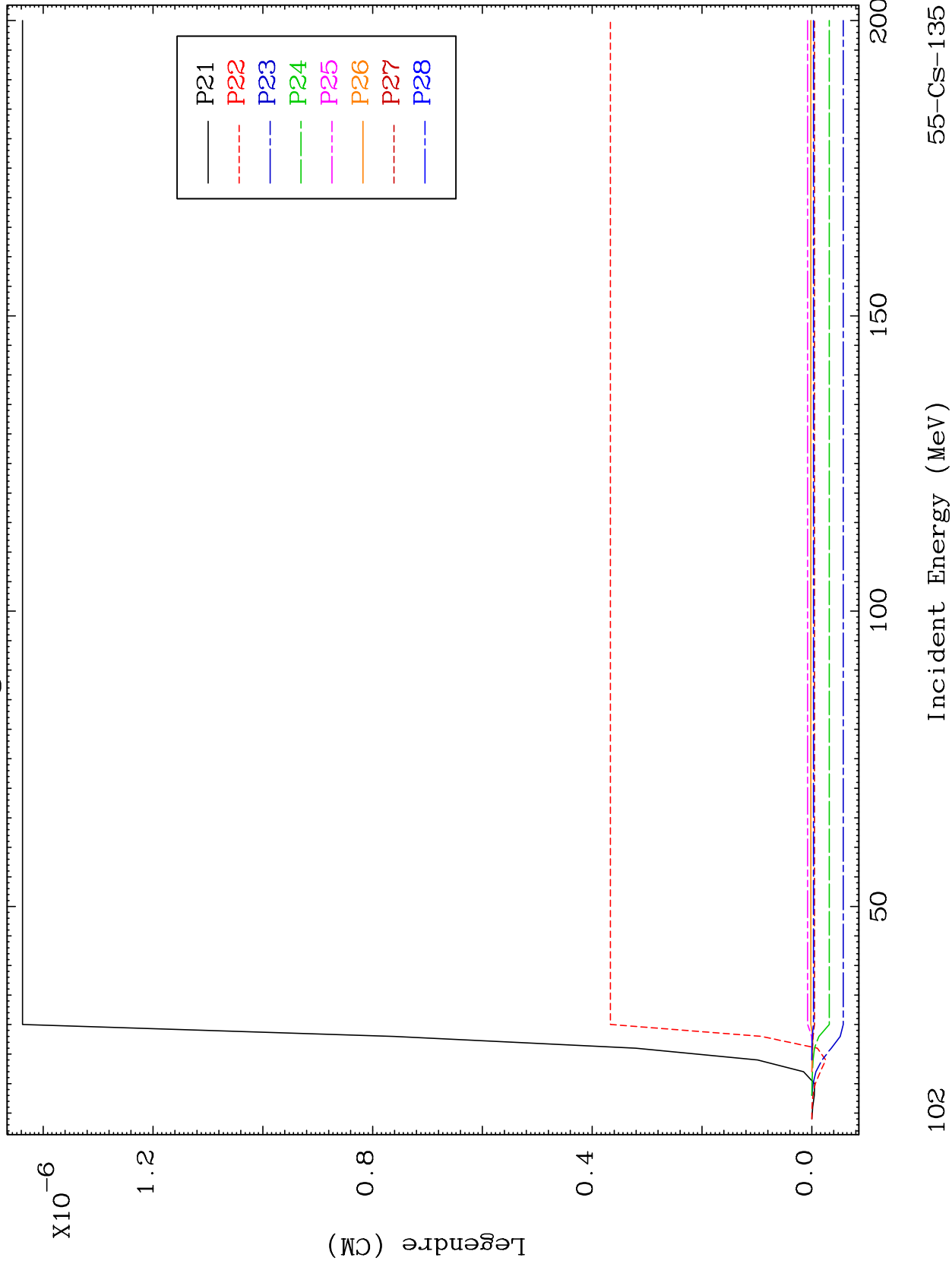
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

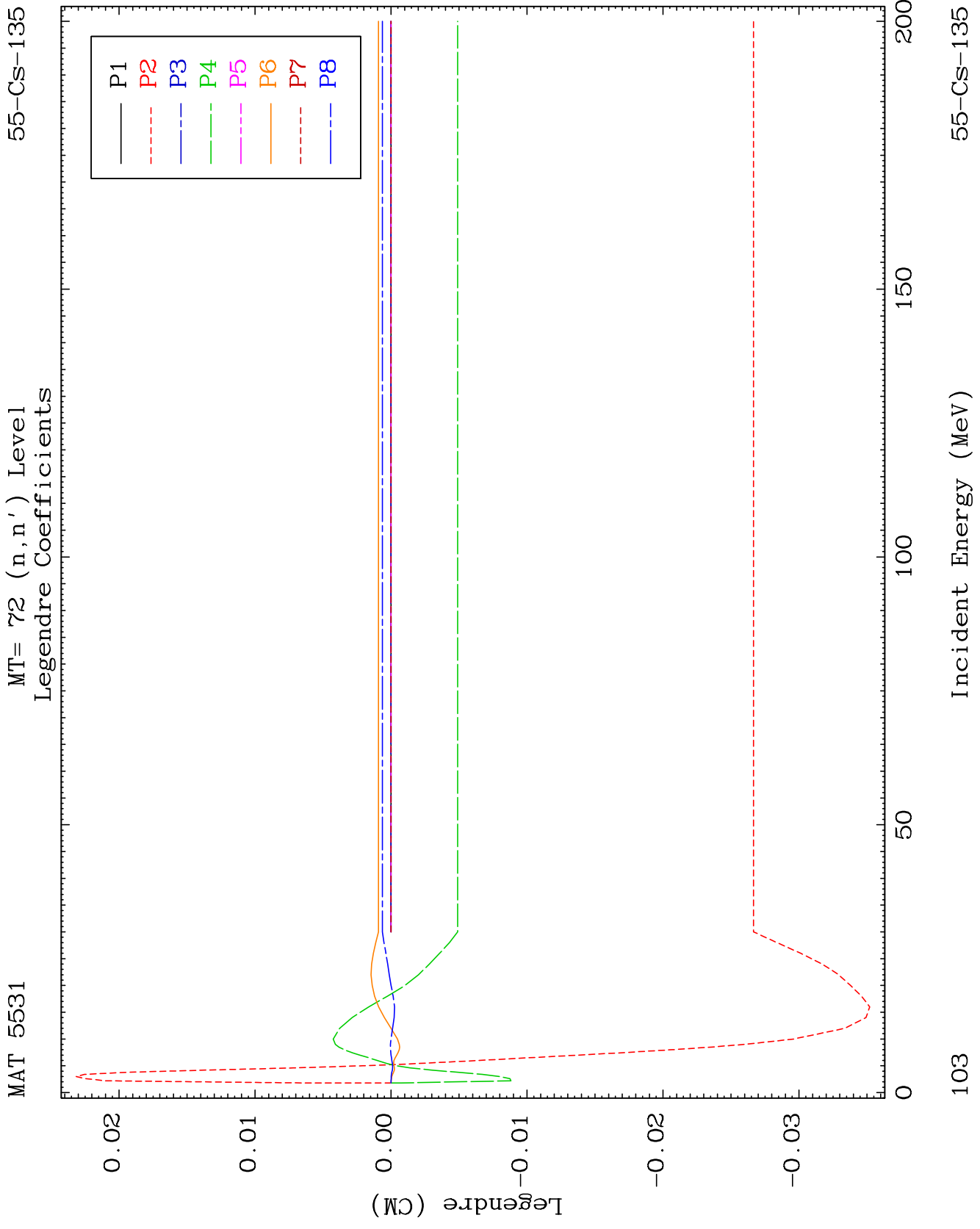
55-Cs-135

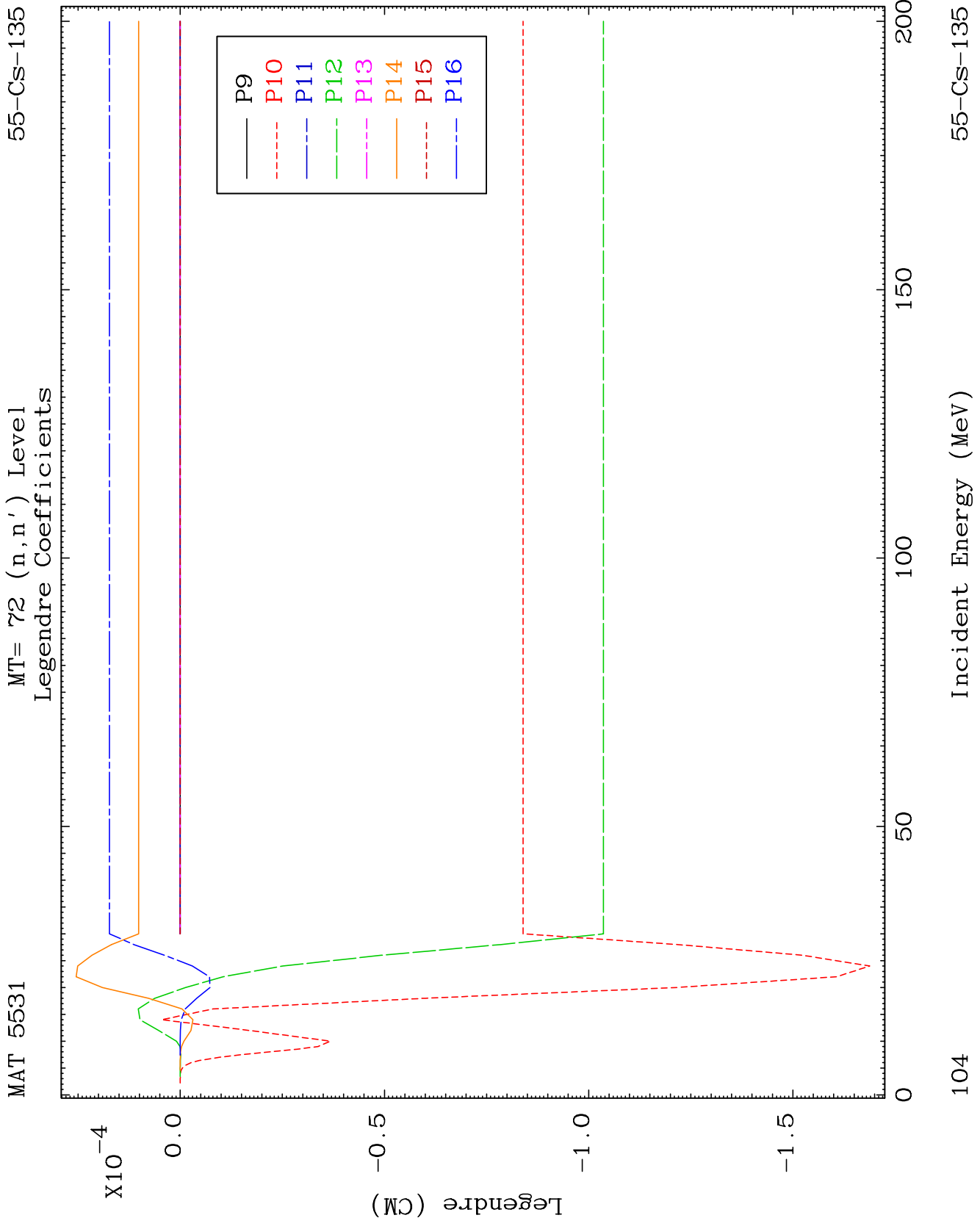


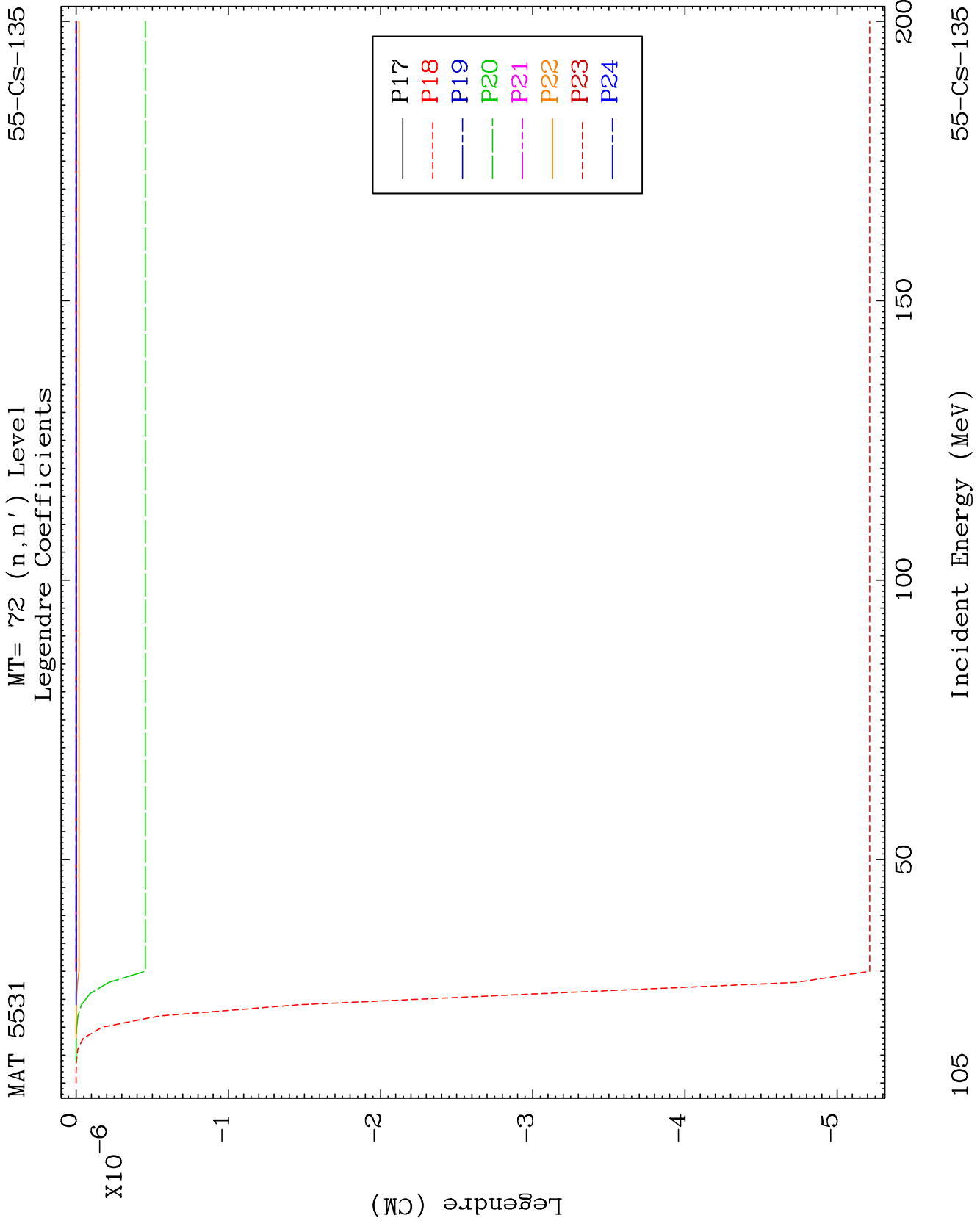
102

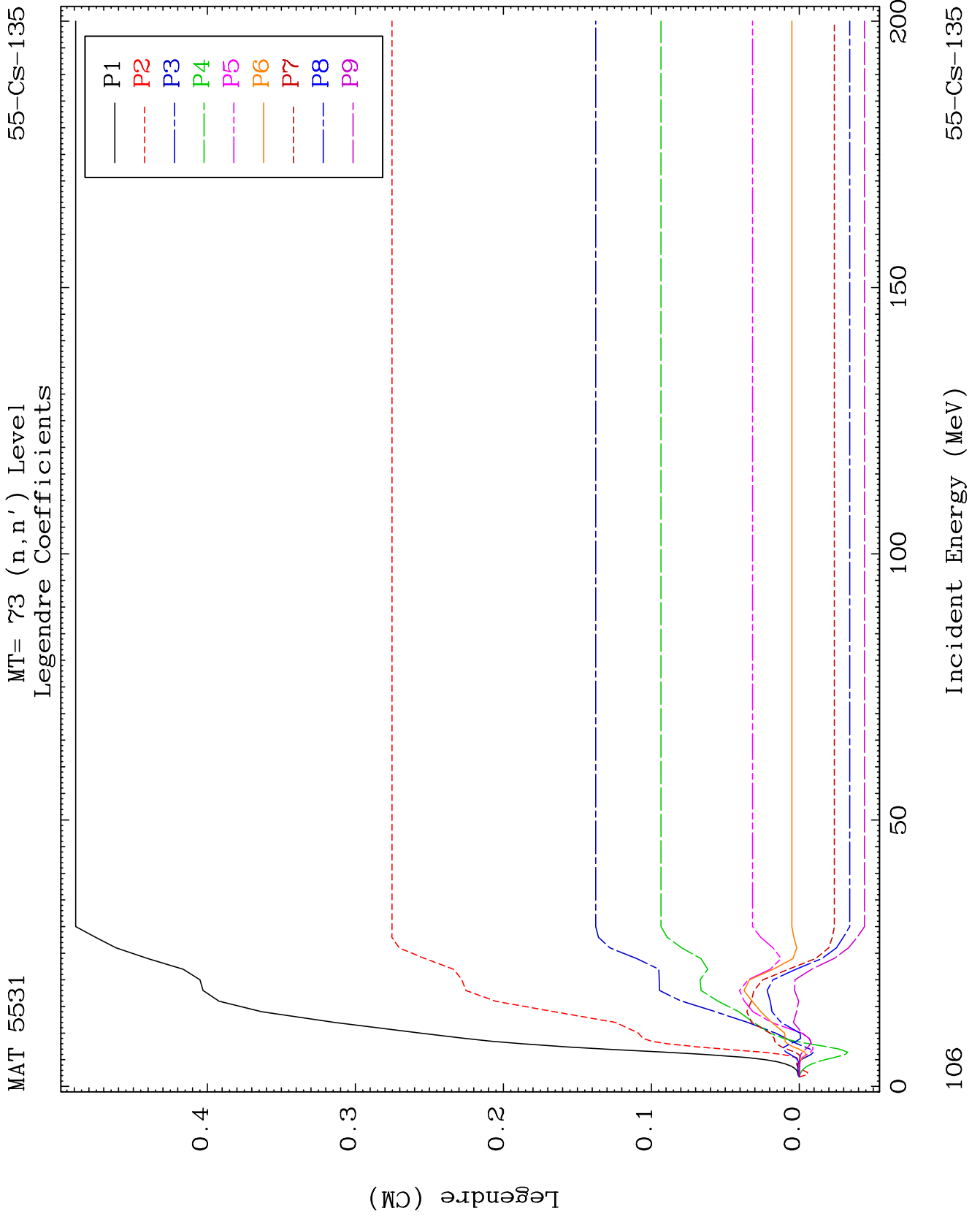
Incident Energy (MeV)

55-Cs-135





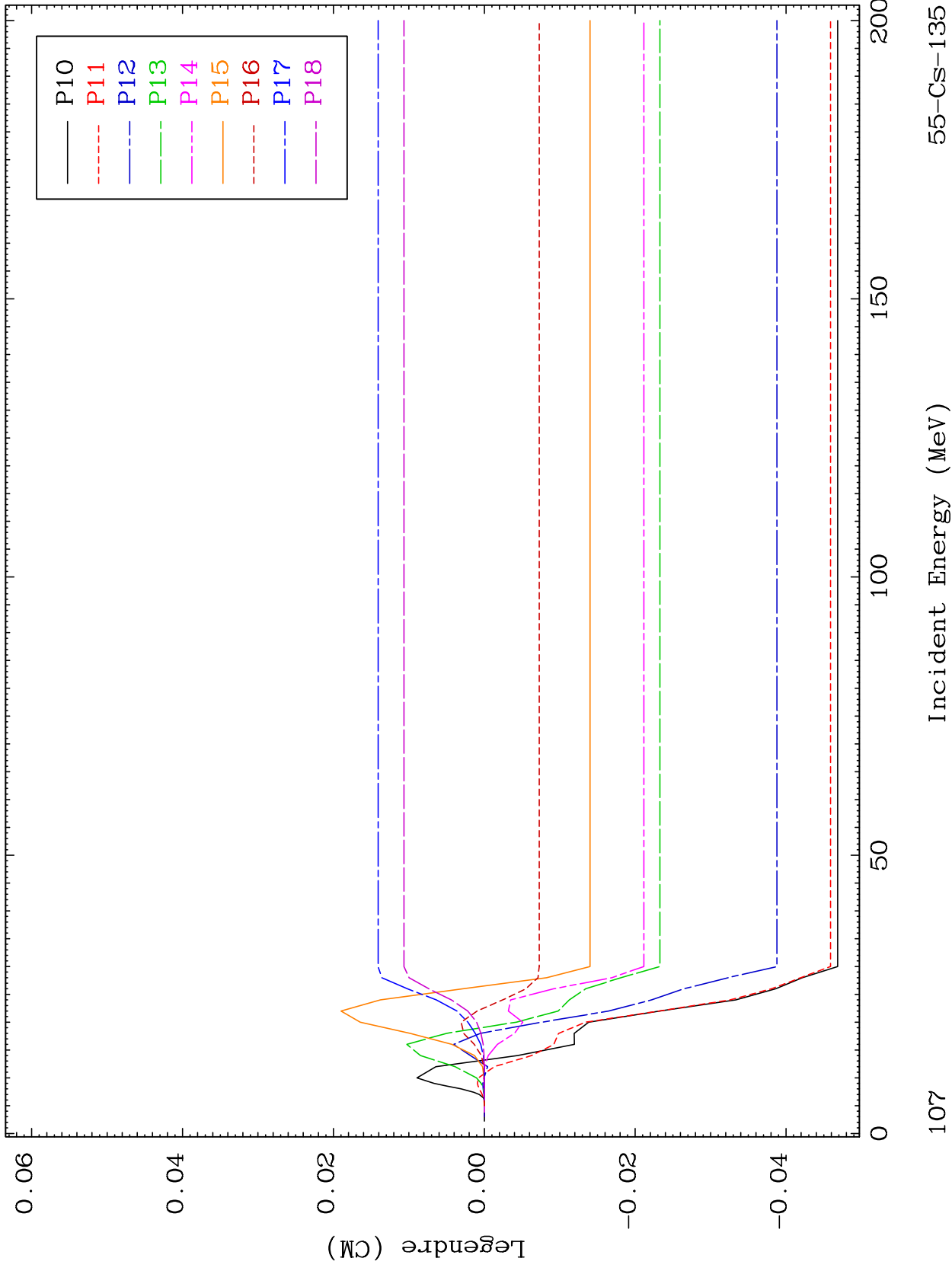




MAT 5531

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

55-Cs-135



107

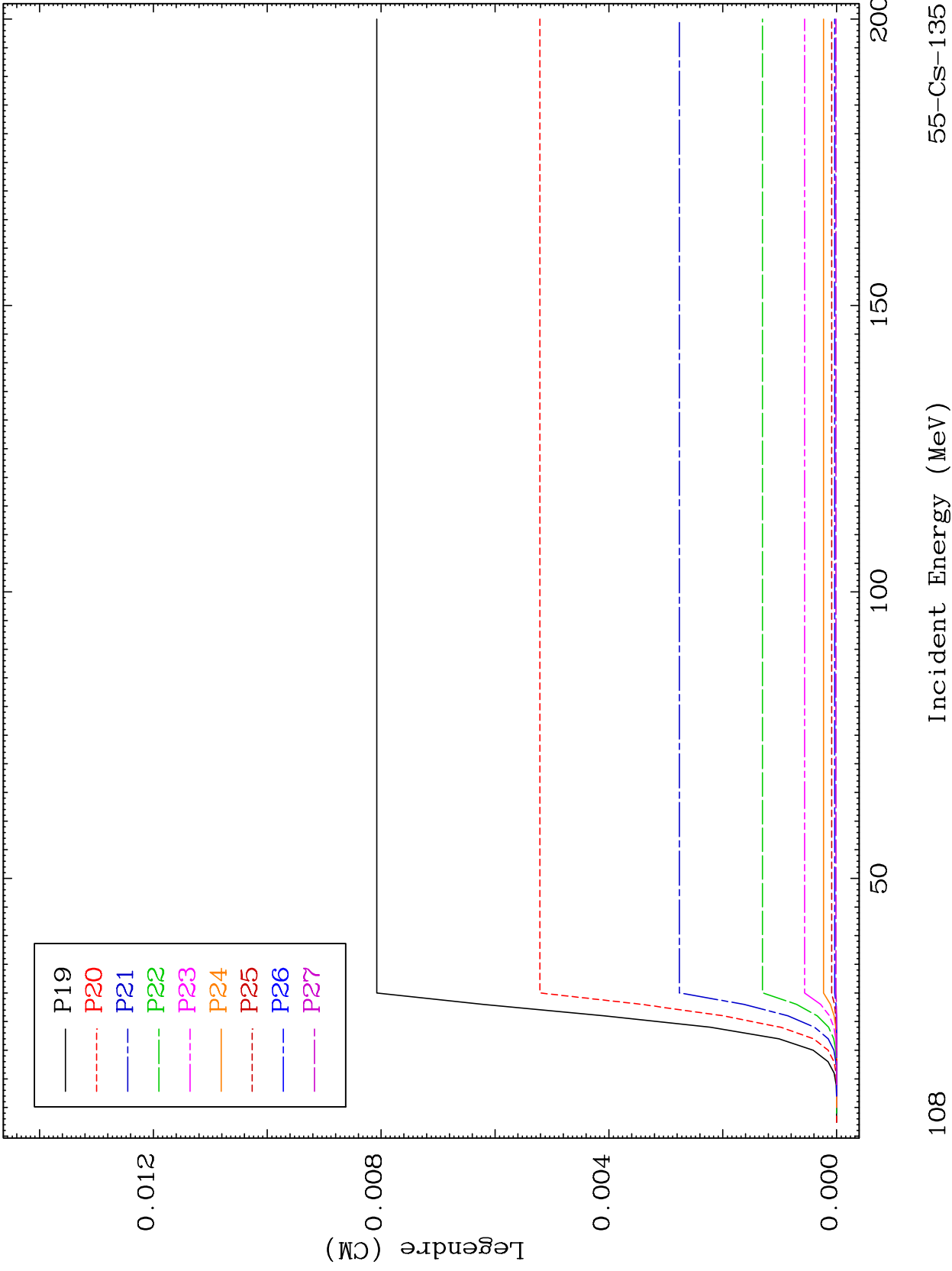
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

55-Cs-135



108

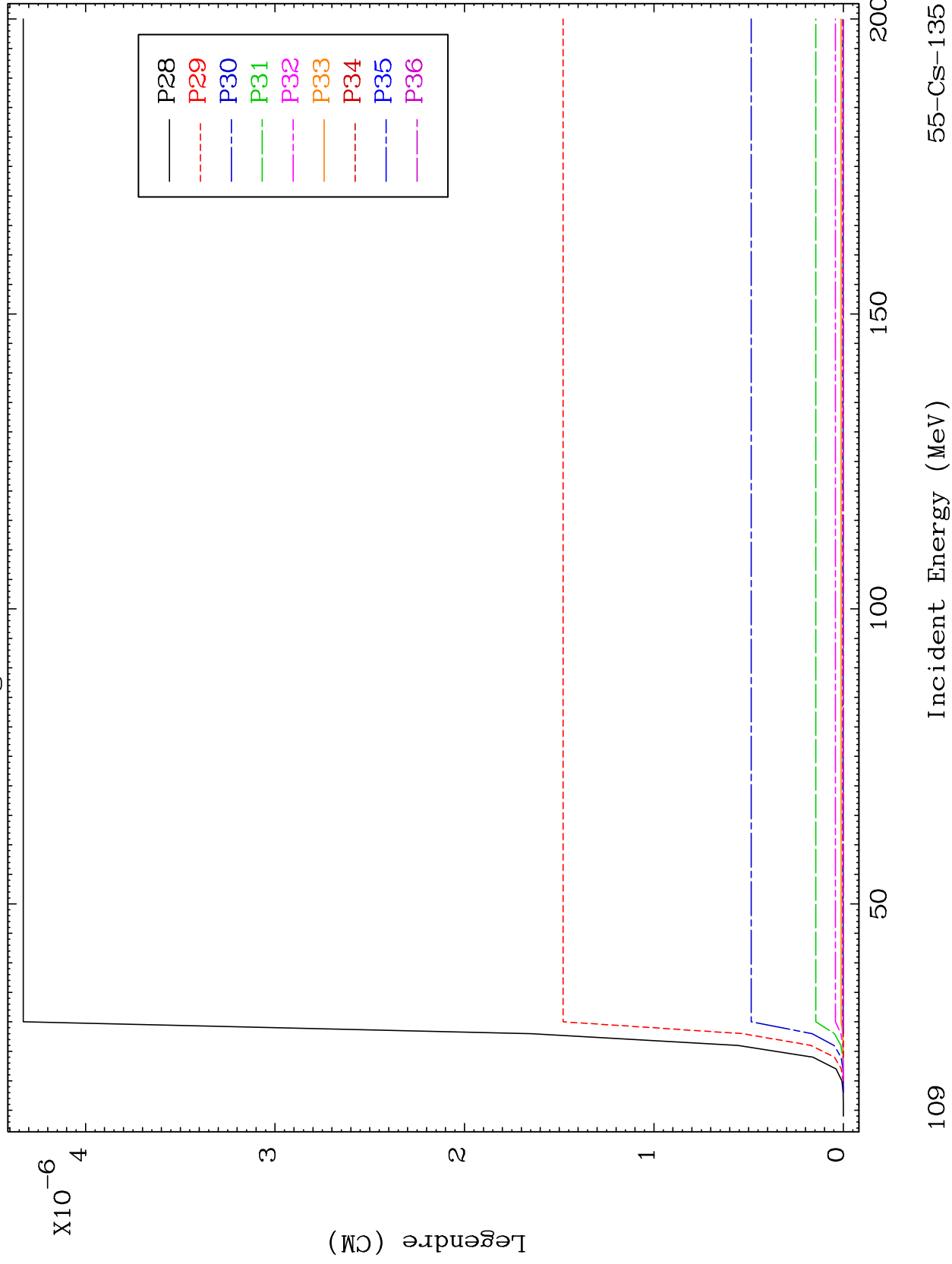
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

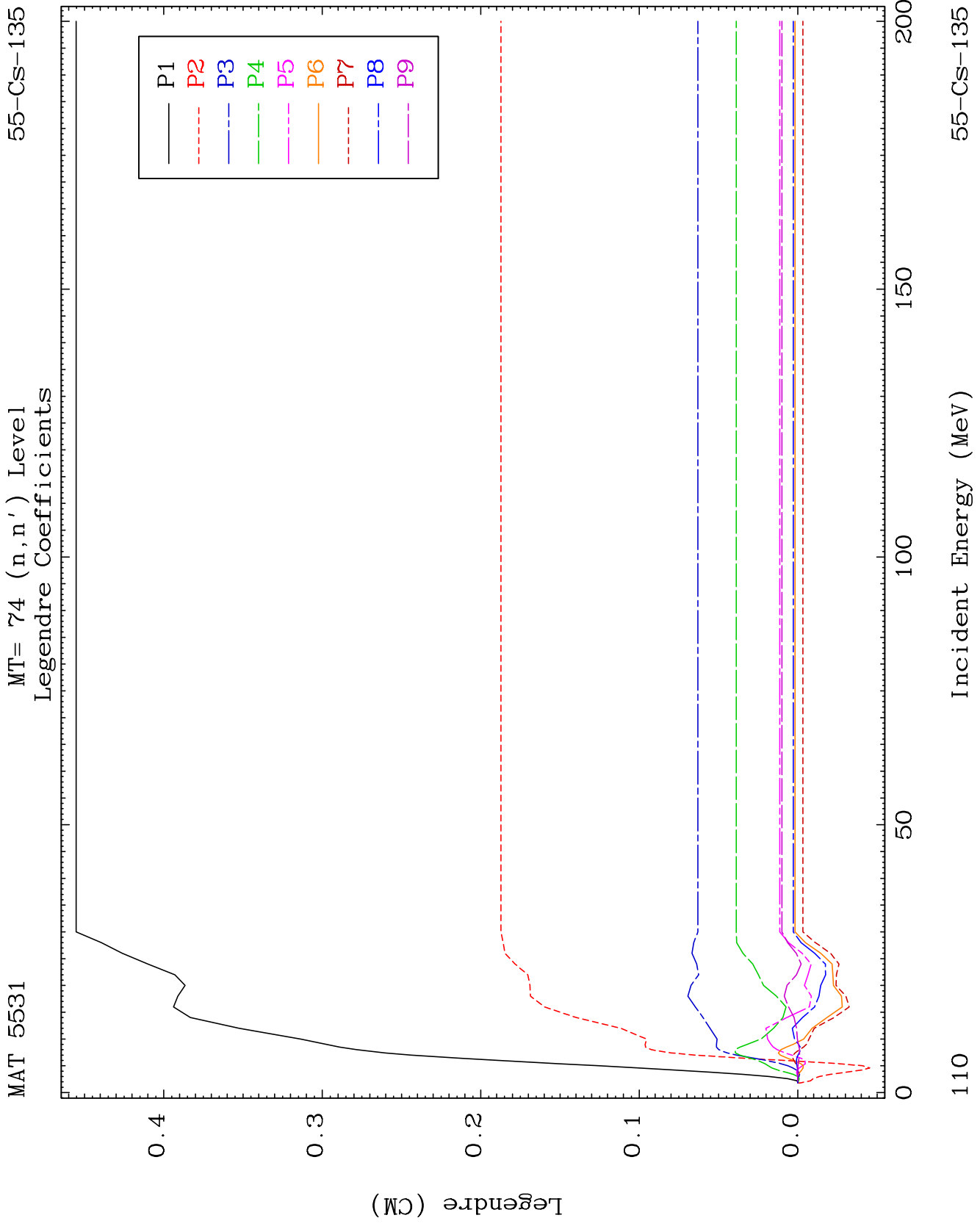
55-Cs-135



109

Incident Energy (MeV)

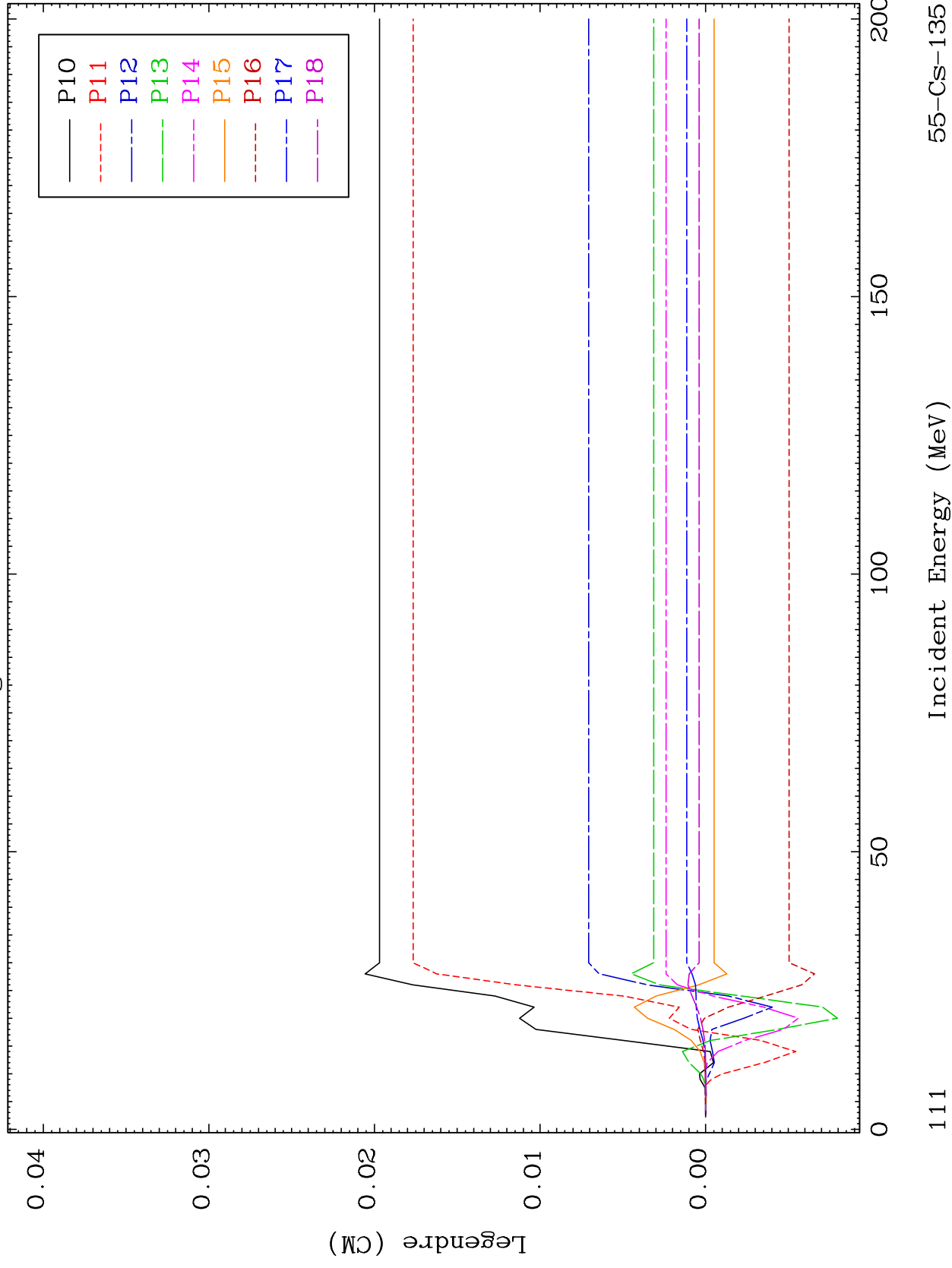
55-Cs-135



MAT 5531

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

55-Cs-135



111

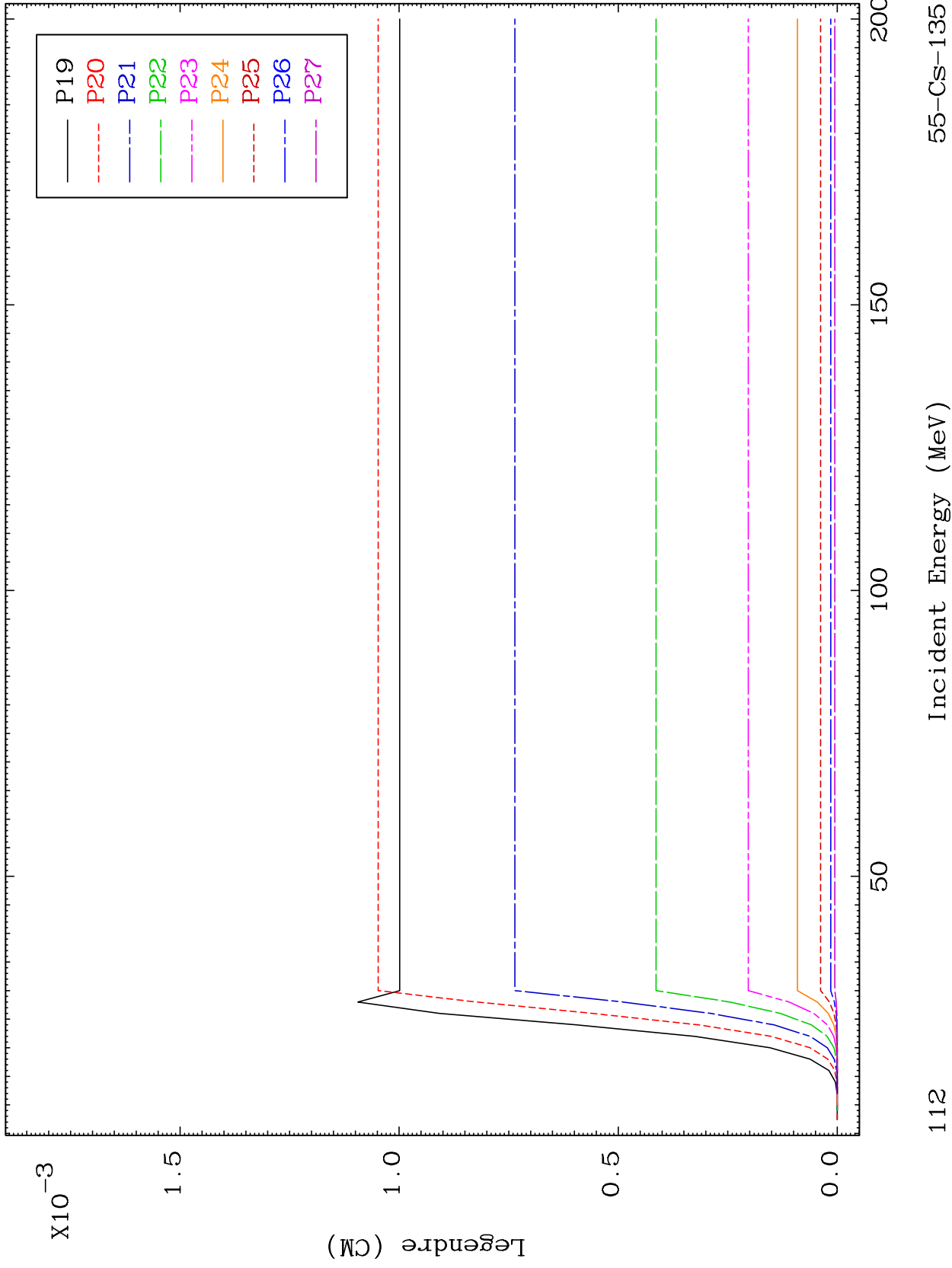
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

55-Cs-135



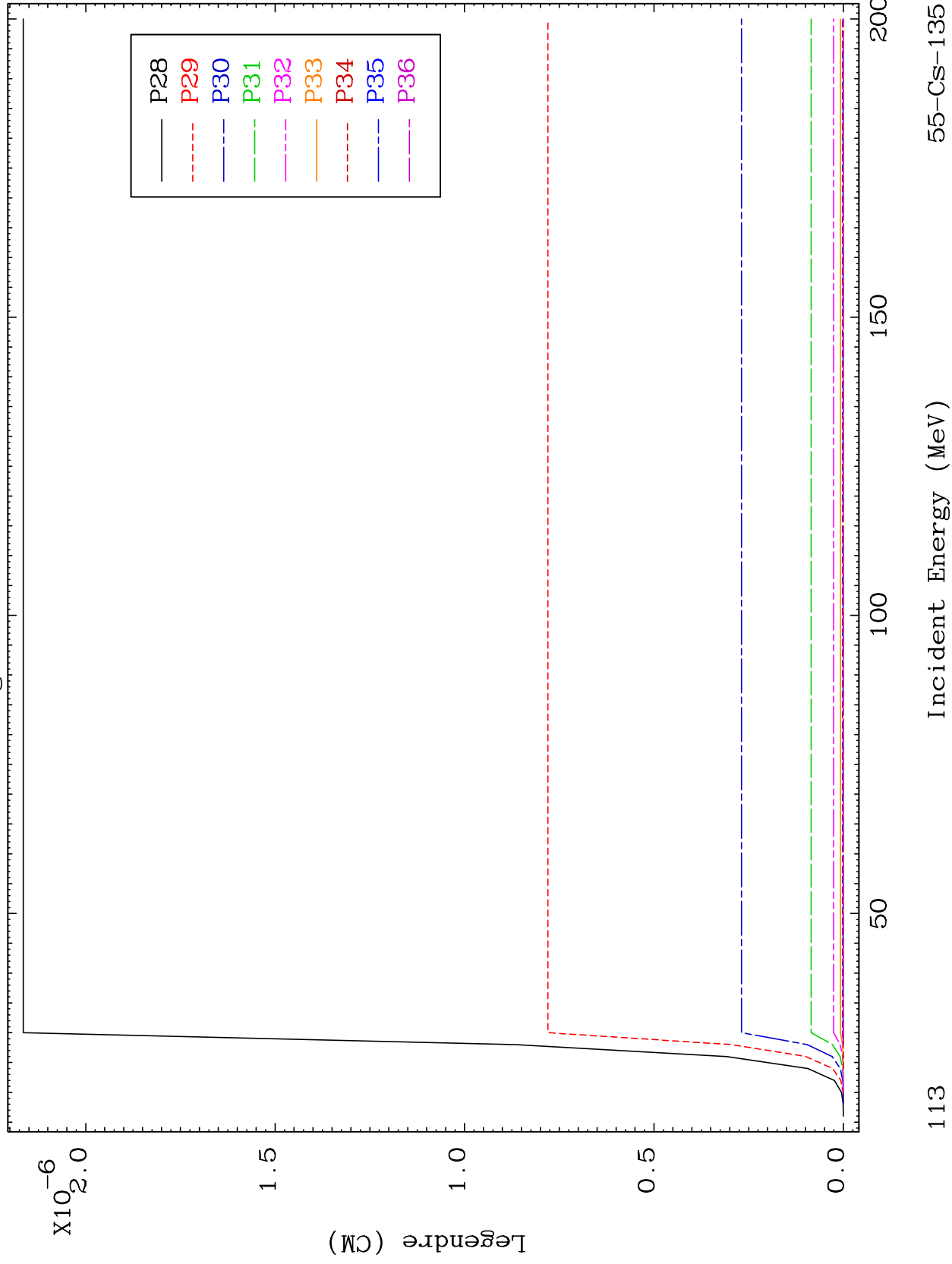
112

55-Cs-135

MAT 5531

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

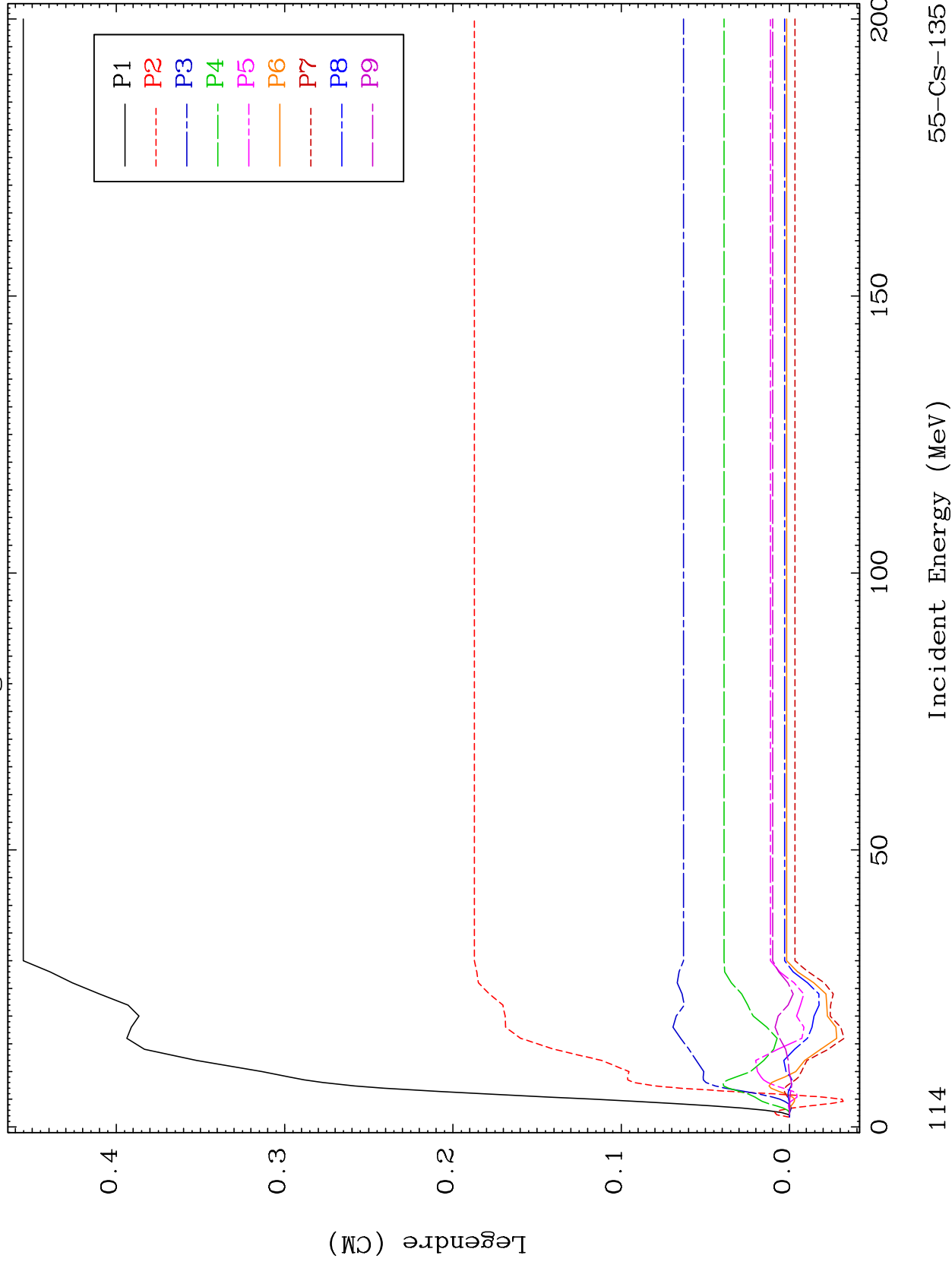
55-Cs-135



MAT 5531

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

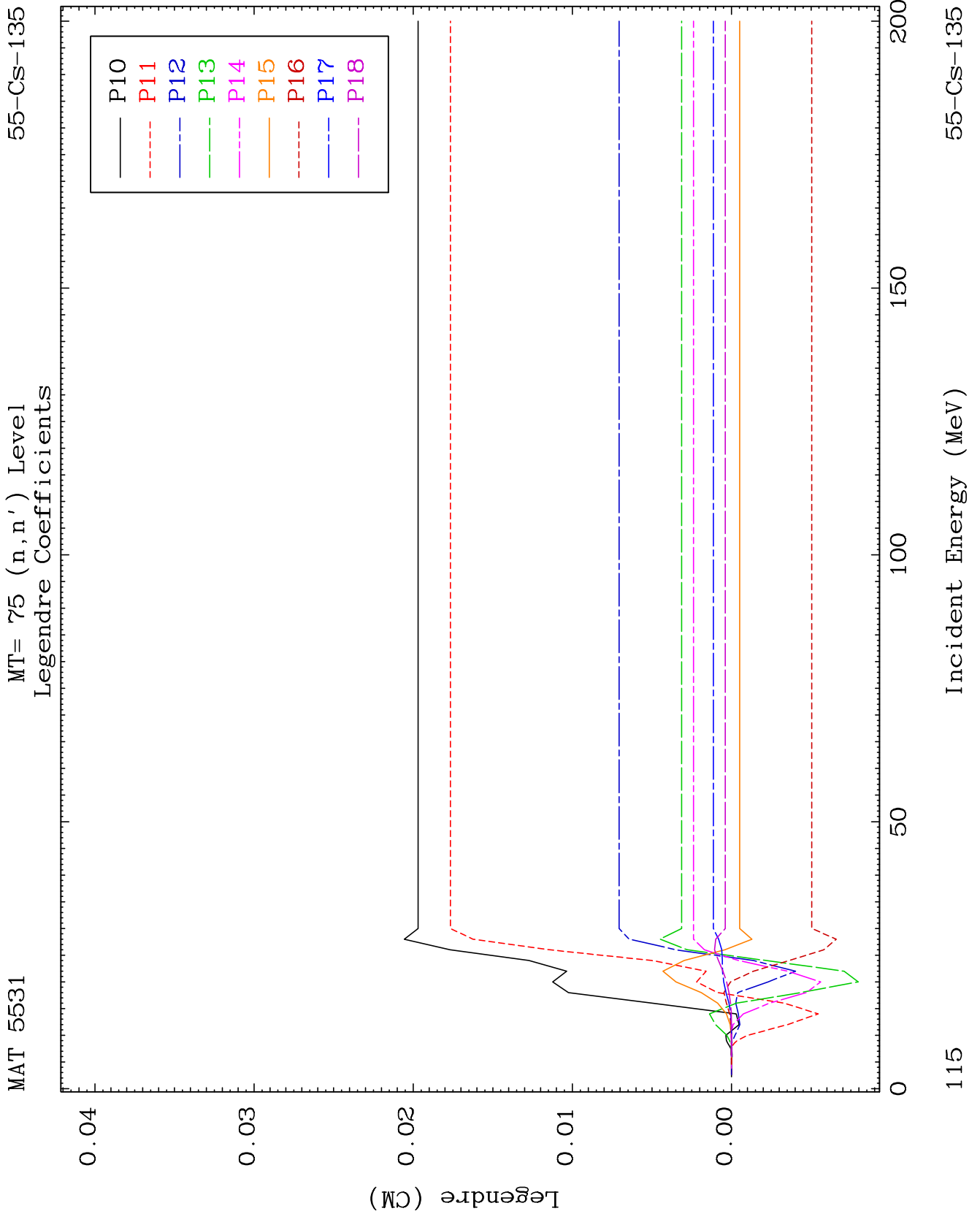
55-Cs-135



55-Cs-135

Incident Energy (MeV)

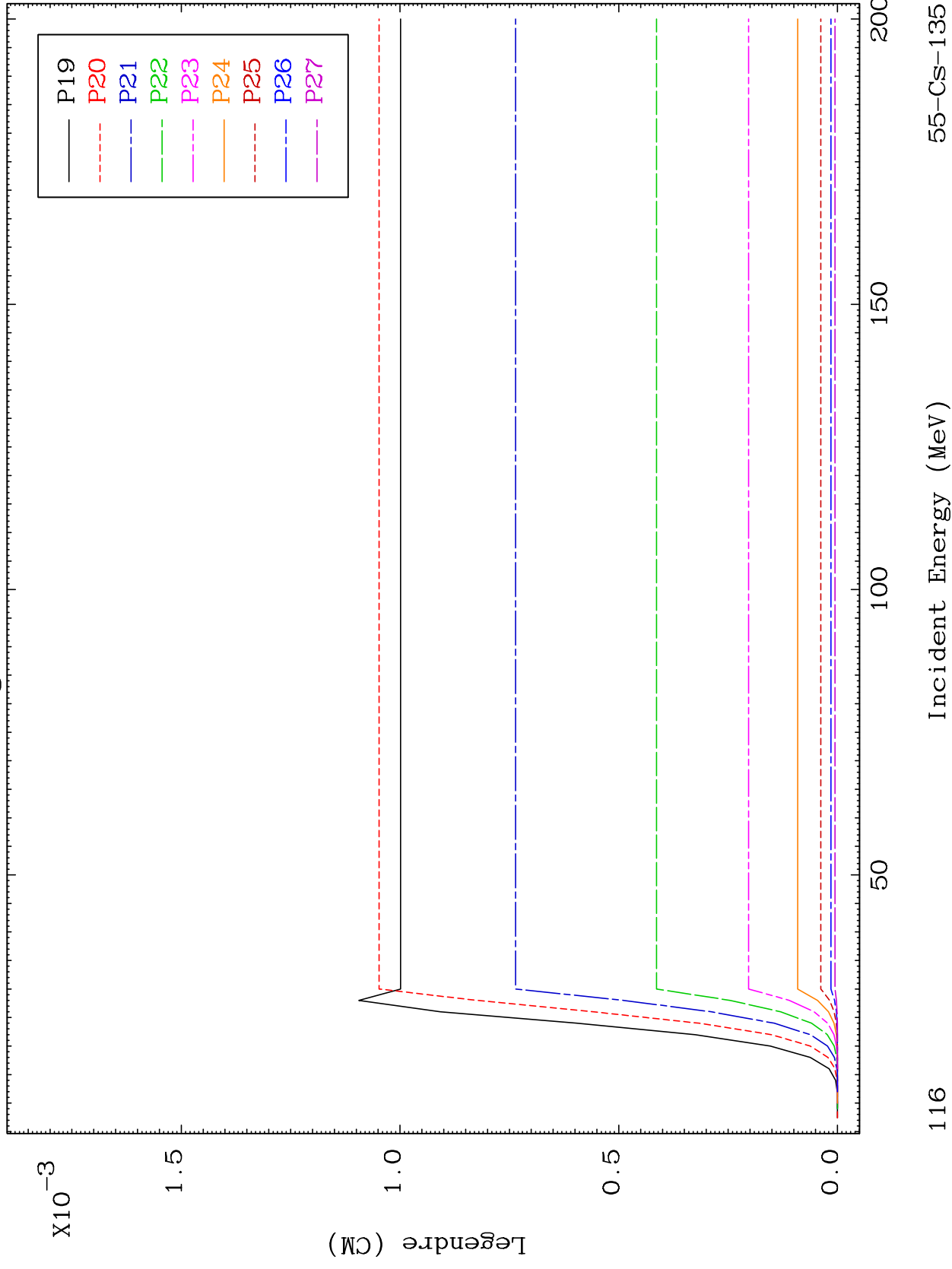
114



MAT 5531

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

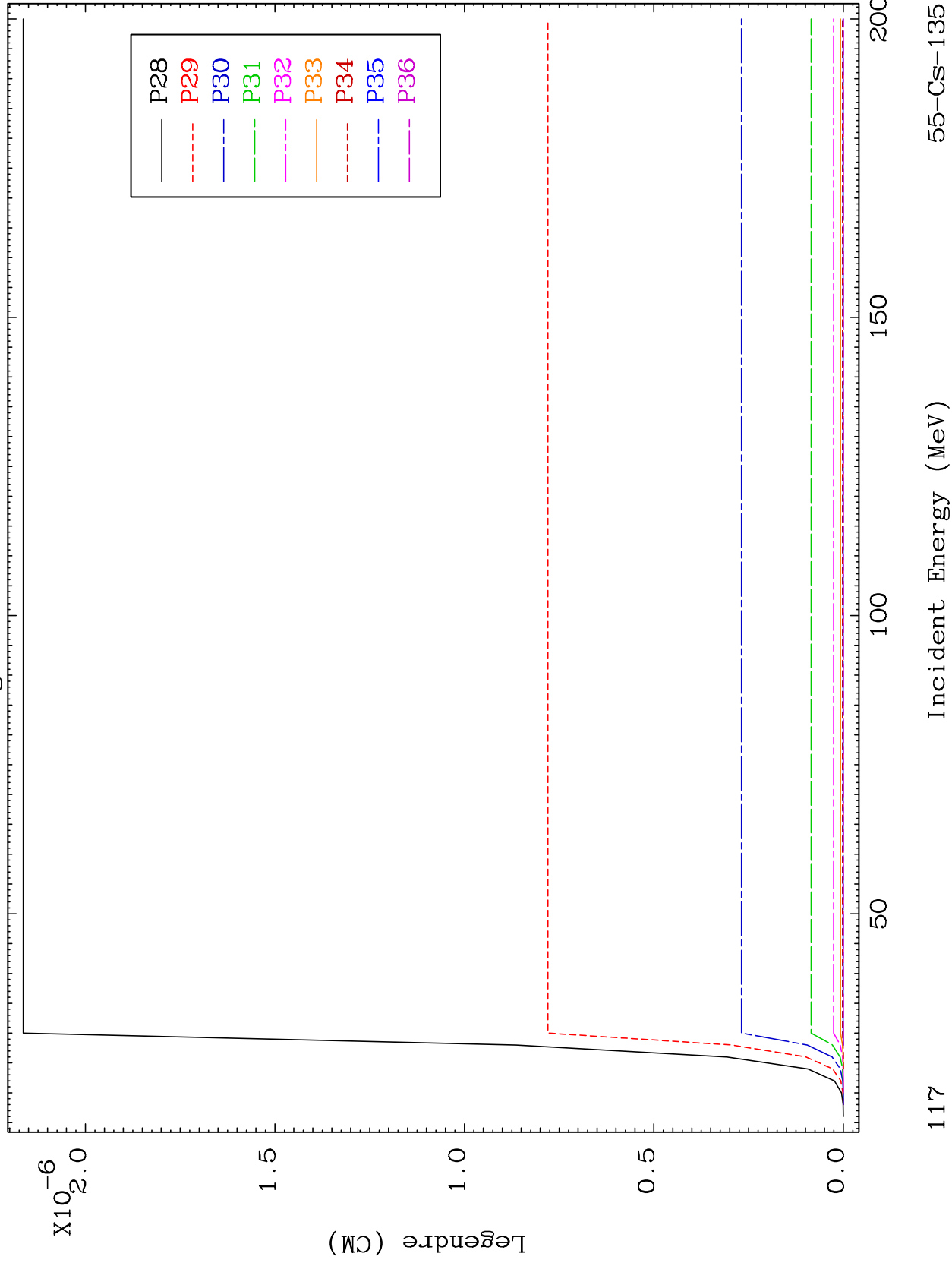
55-Cs-135



MAT 5531

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

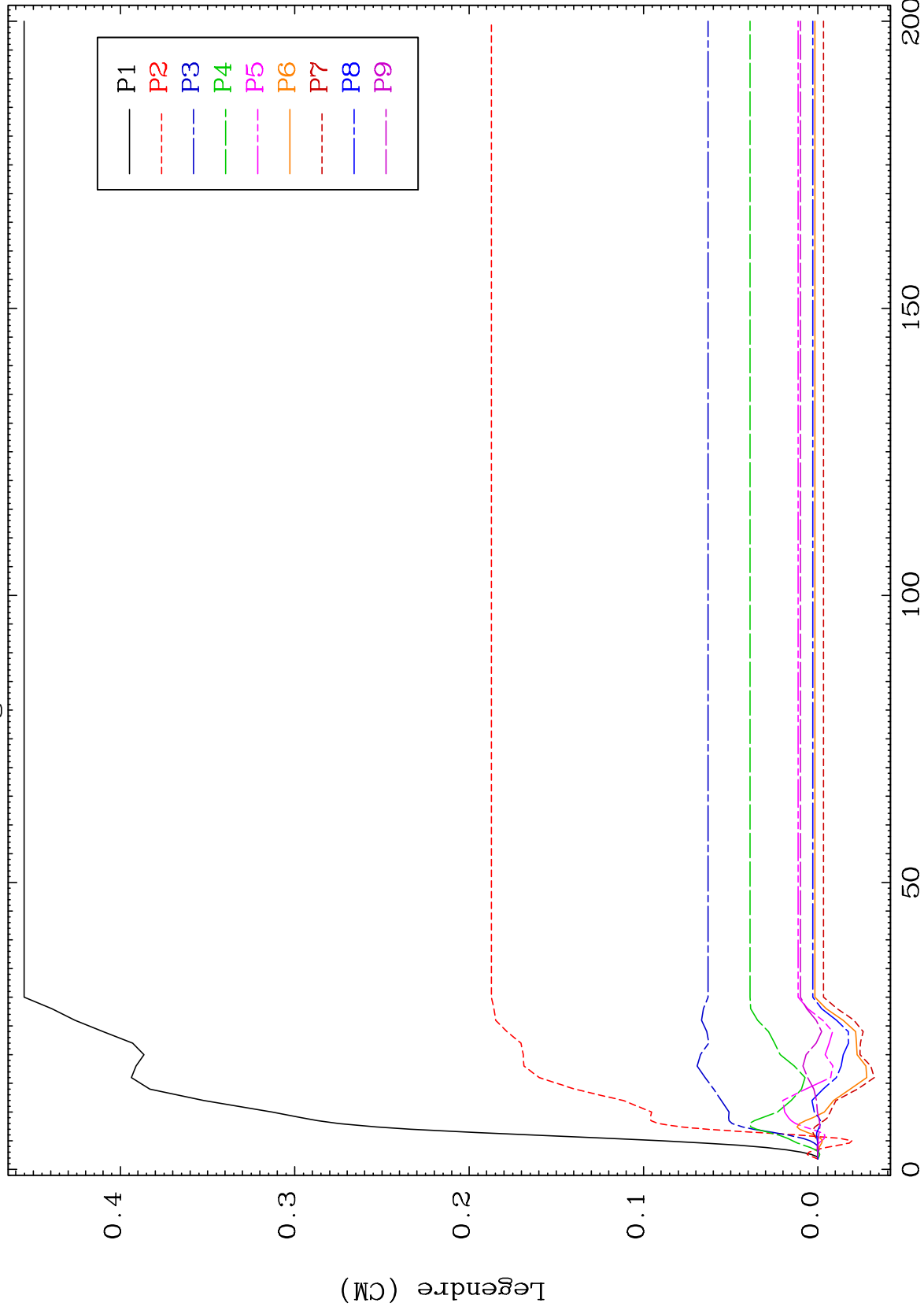
55-Cs-135



MAT 5531

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

55-Cs-135



118

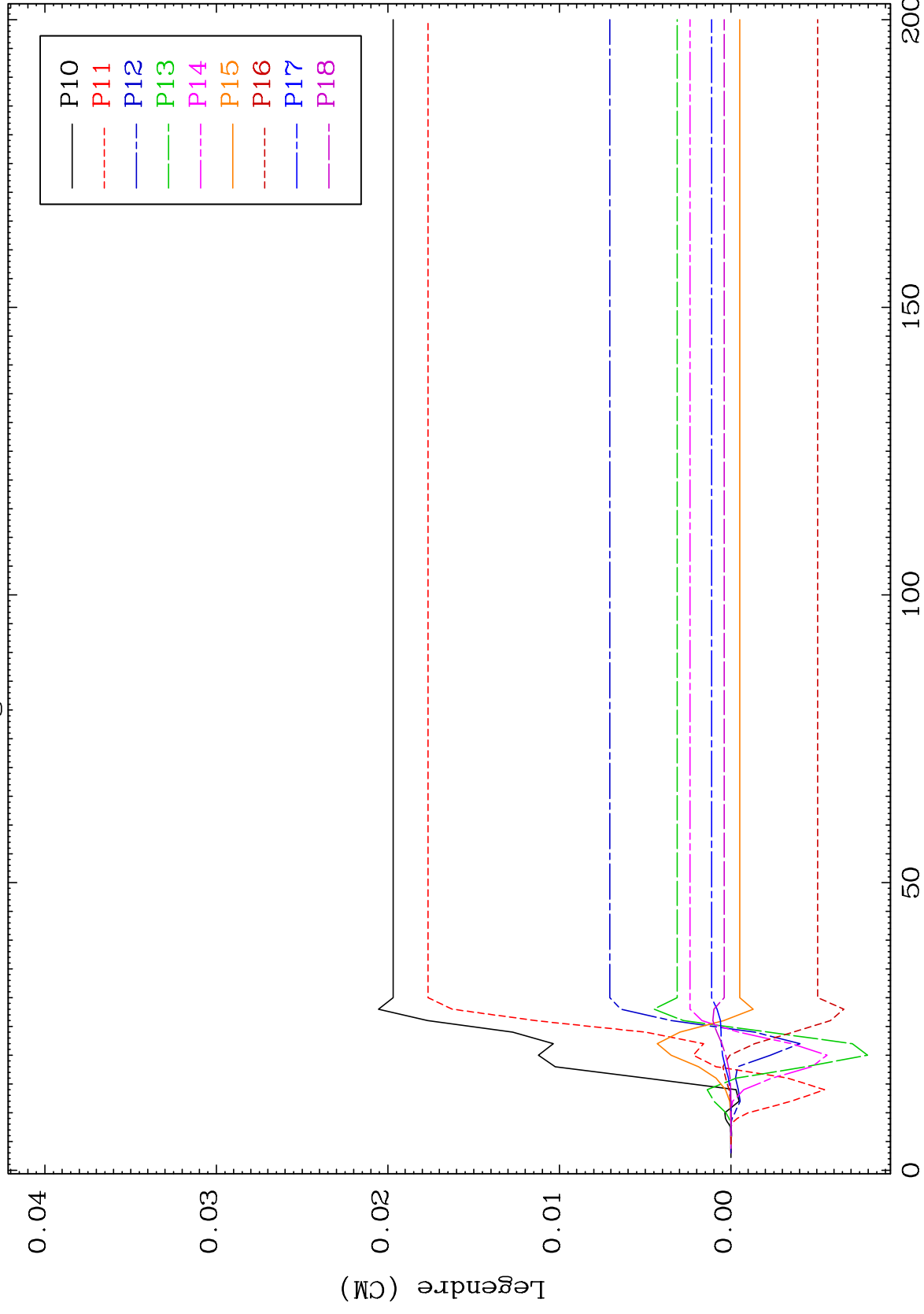
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

55-Cs-135



119

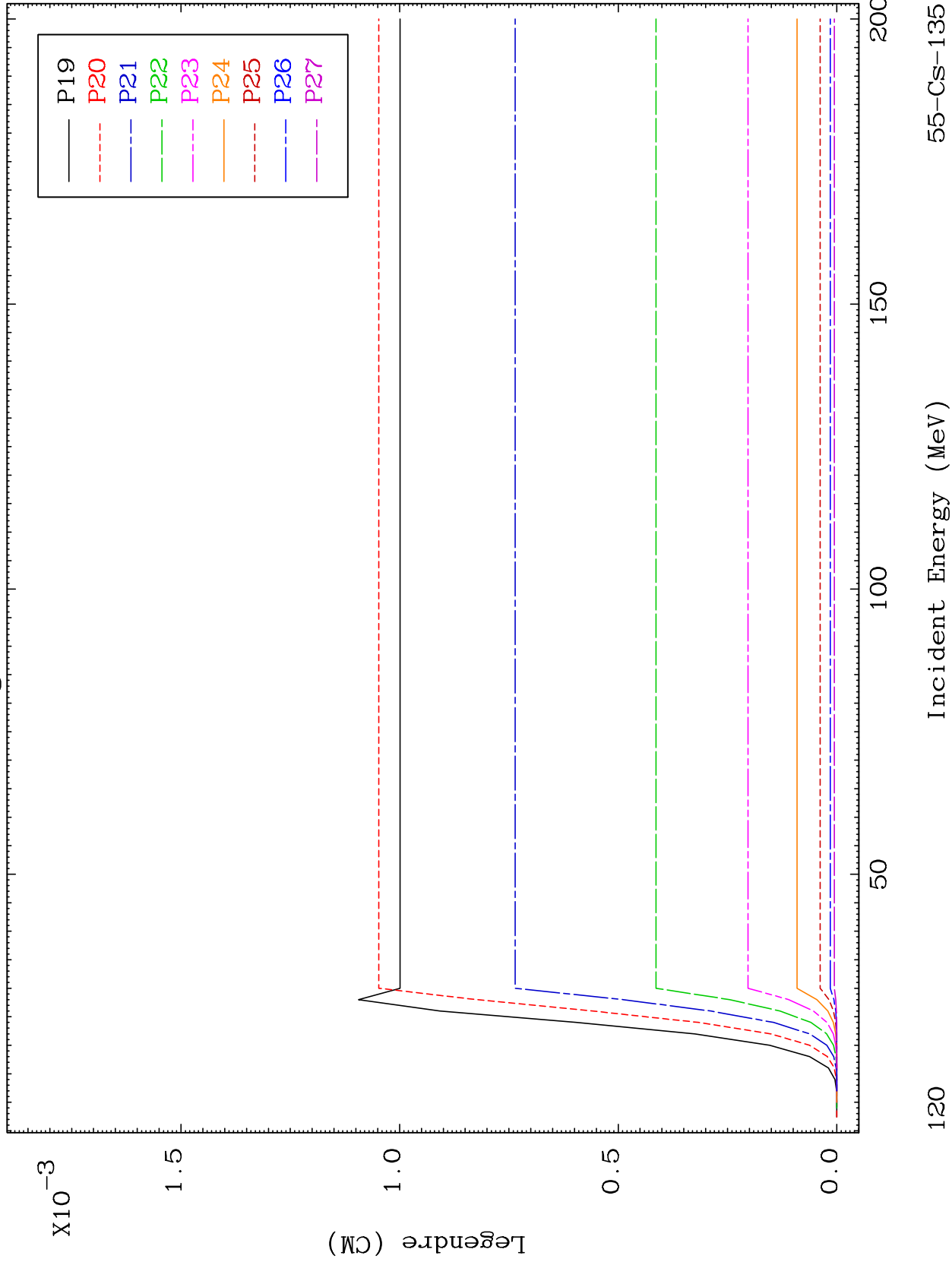
Incident Energy (MeV)

55-Cs-135

MAT 5531

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

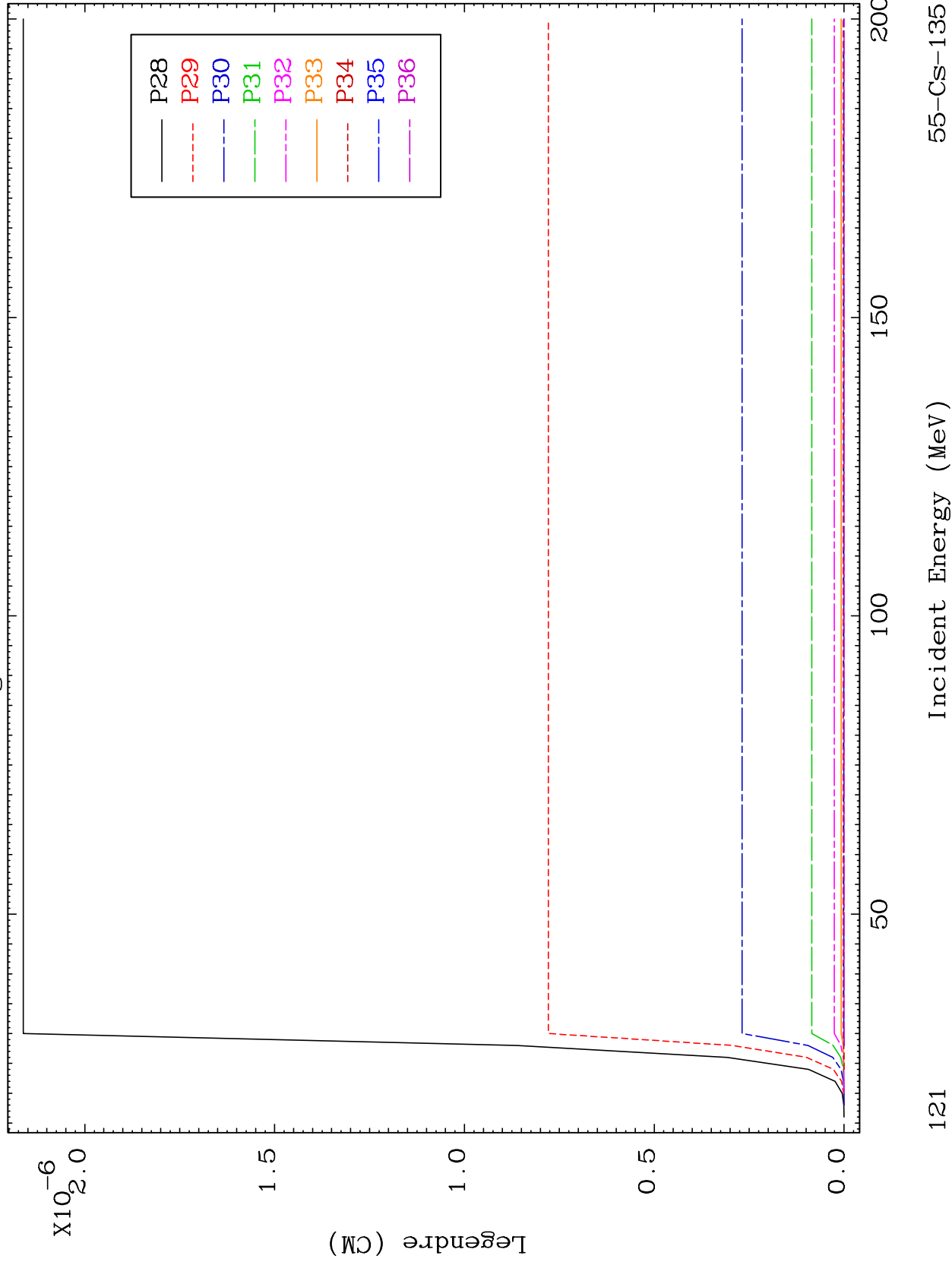
55-Cs-135



MAT 5531

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

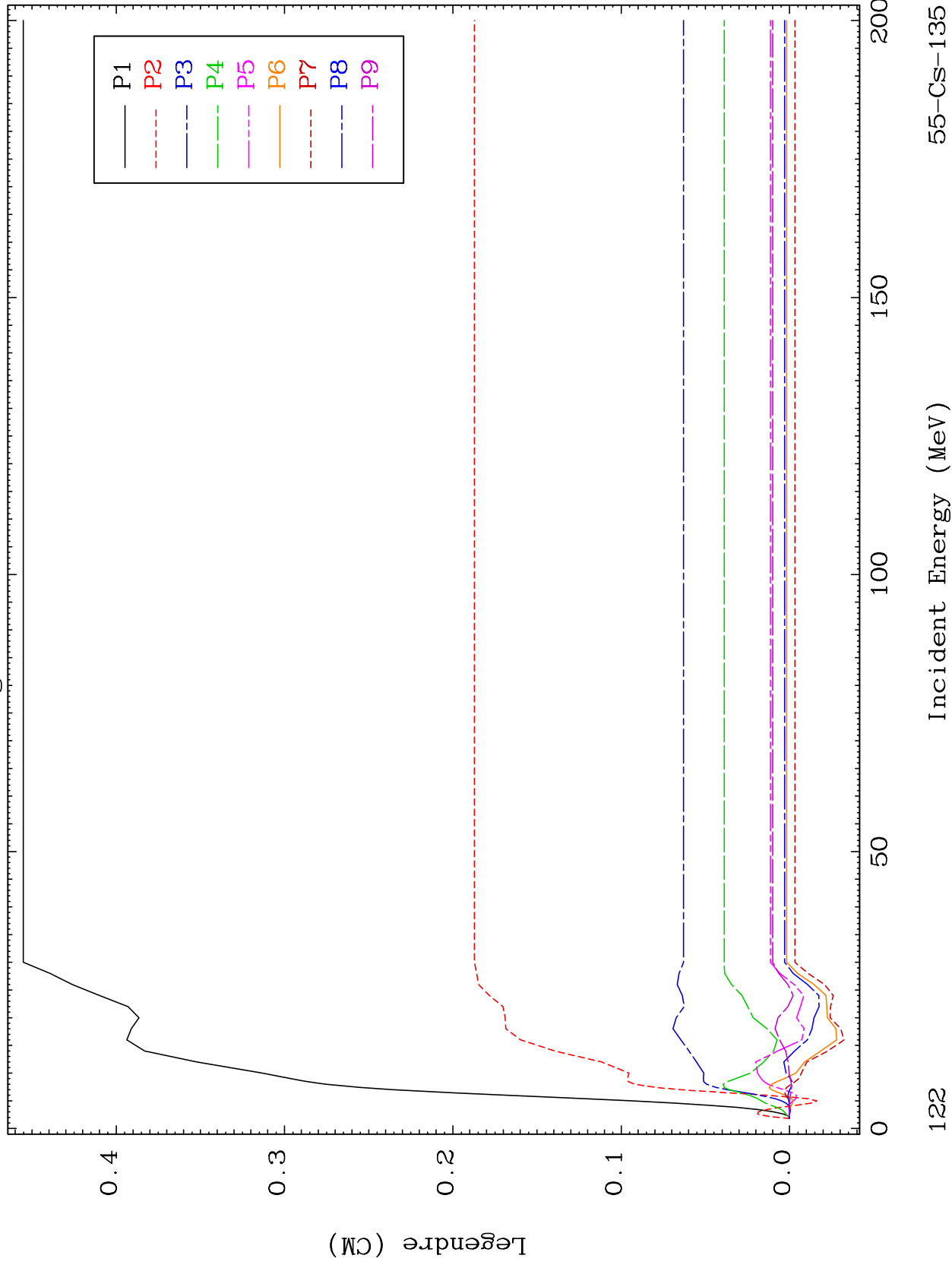
55-Cs-135



MAT 5531

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

55-Cs-135



55-Cs-135

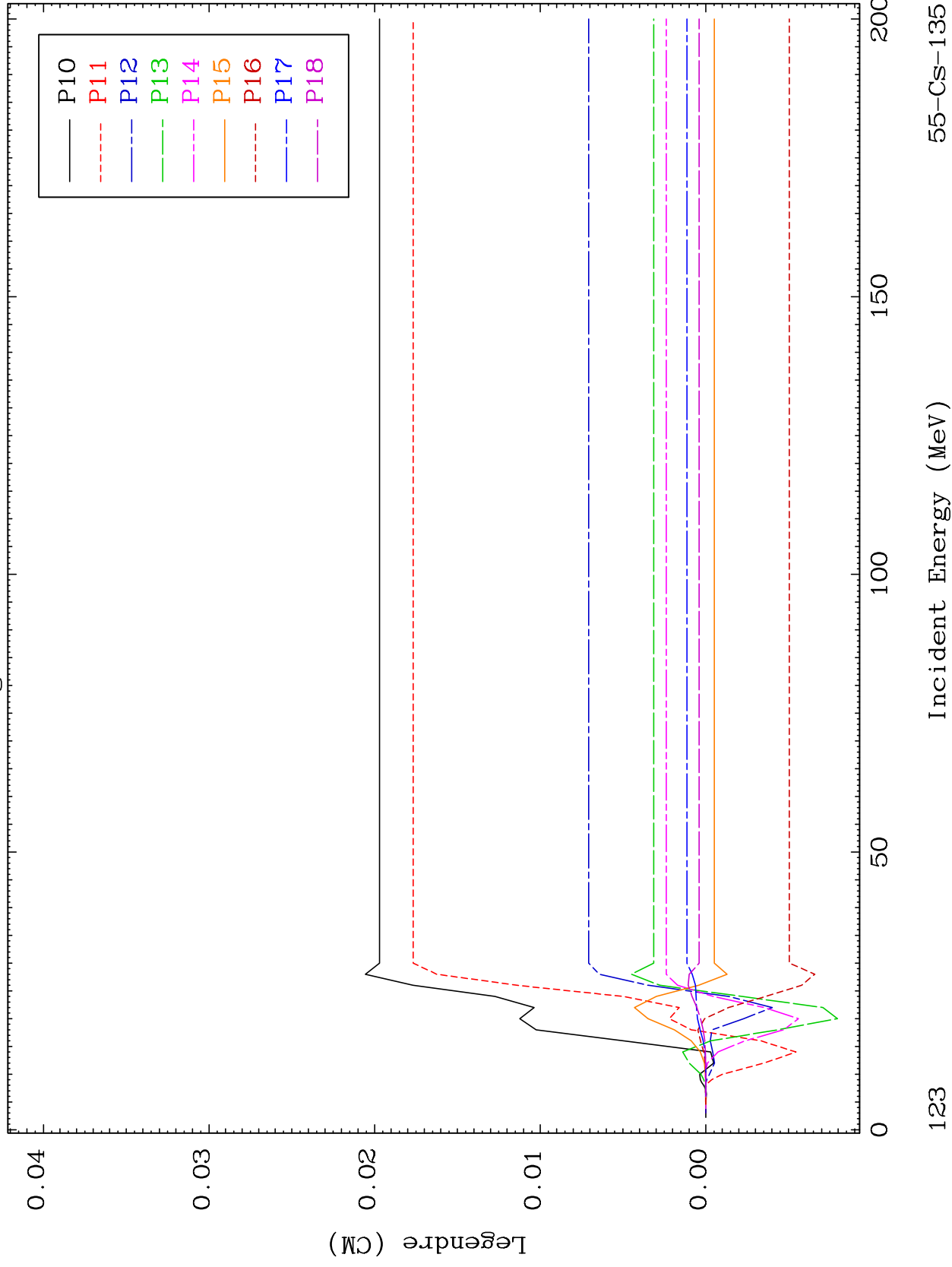
Incident Energy (MeV)

122

MAT 5531

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

55-Cs-135



123

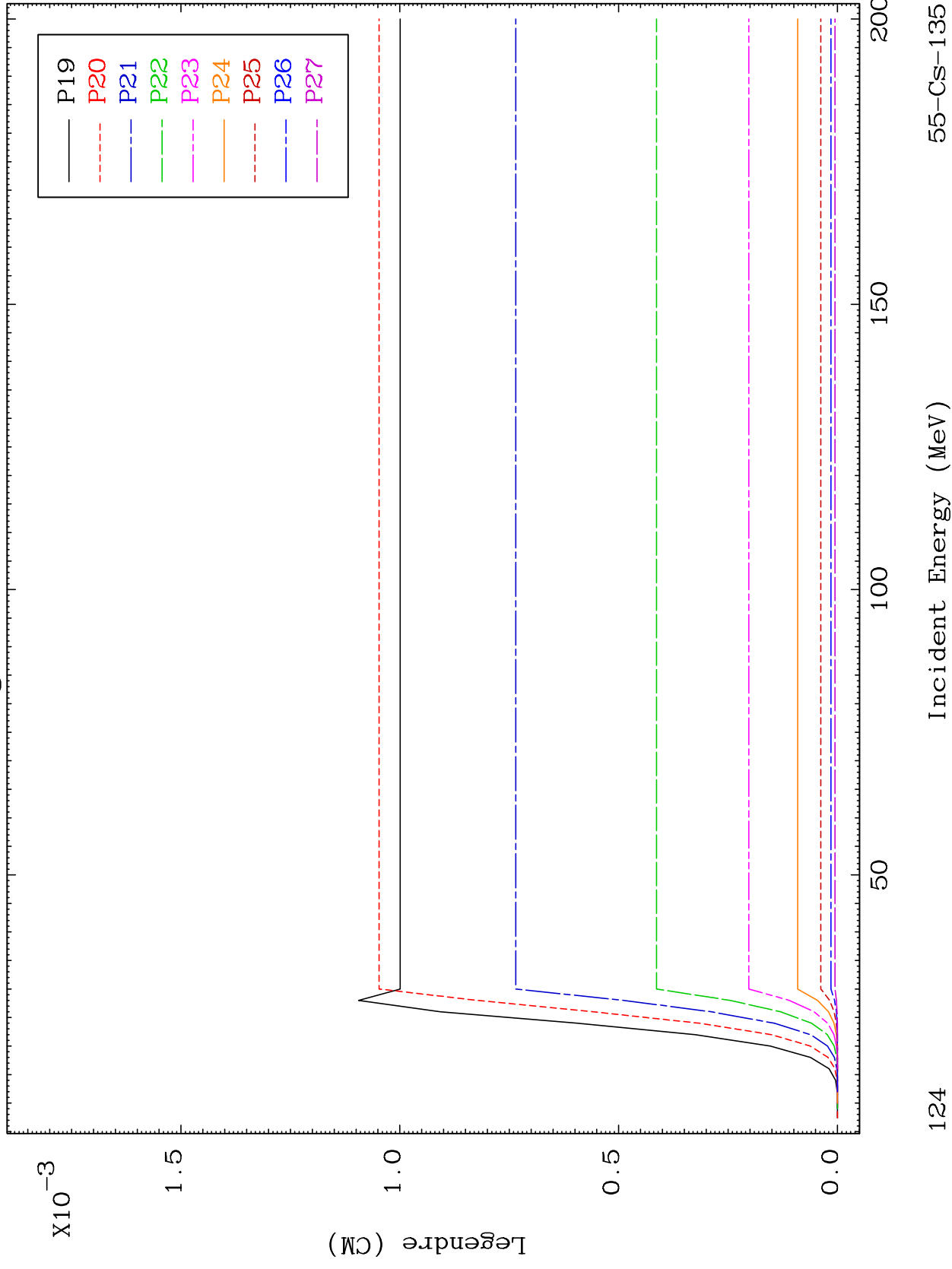
Incident Energy (MeV)

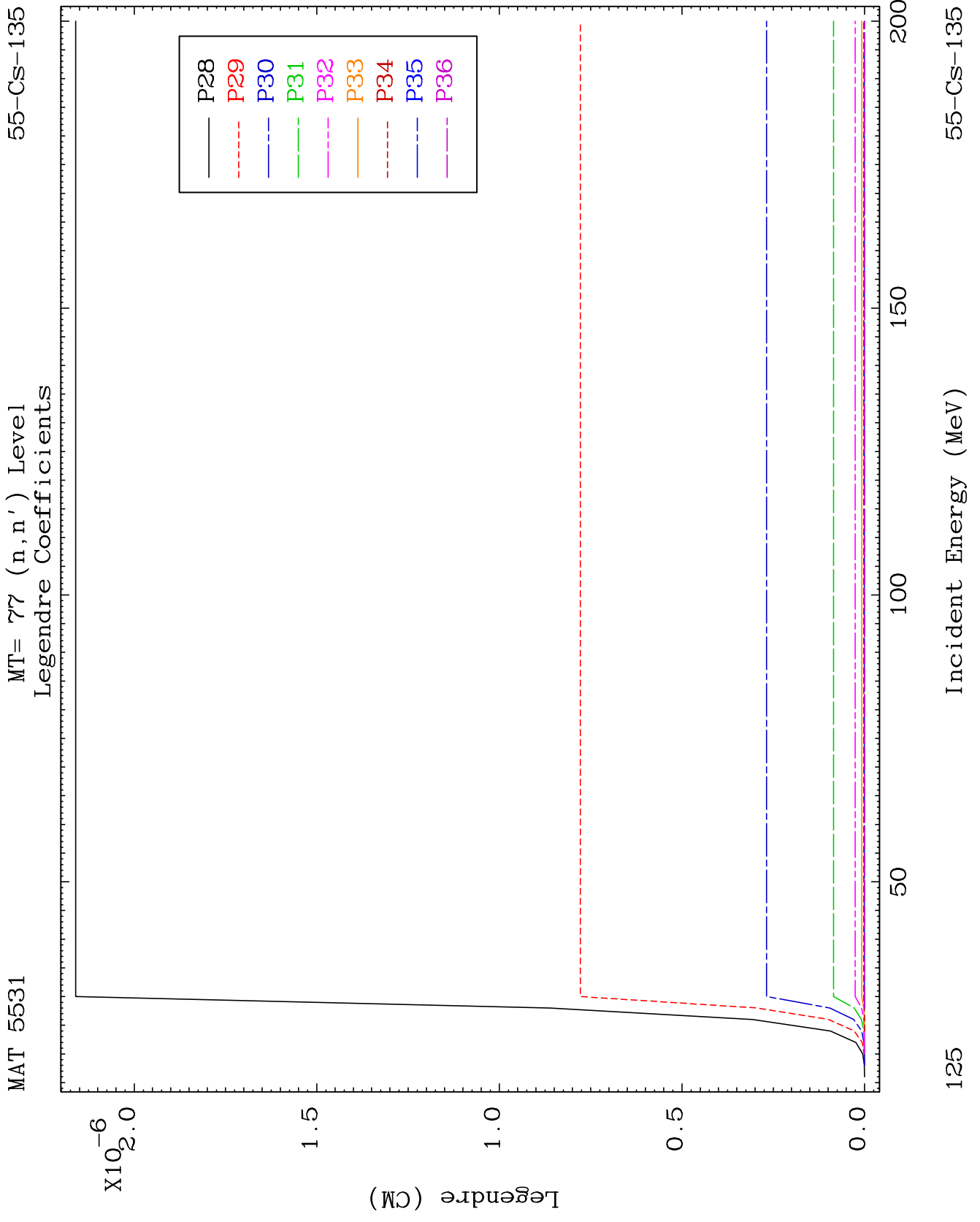
55-Cs-135

MAT 5531

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

55-Cs-135

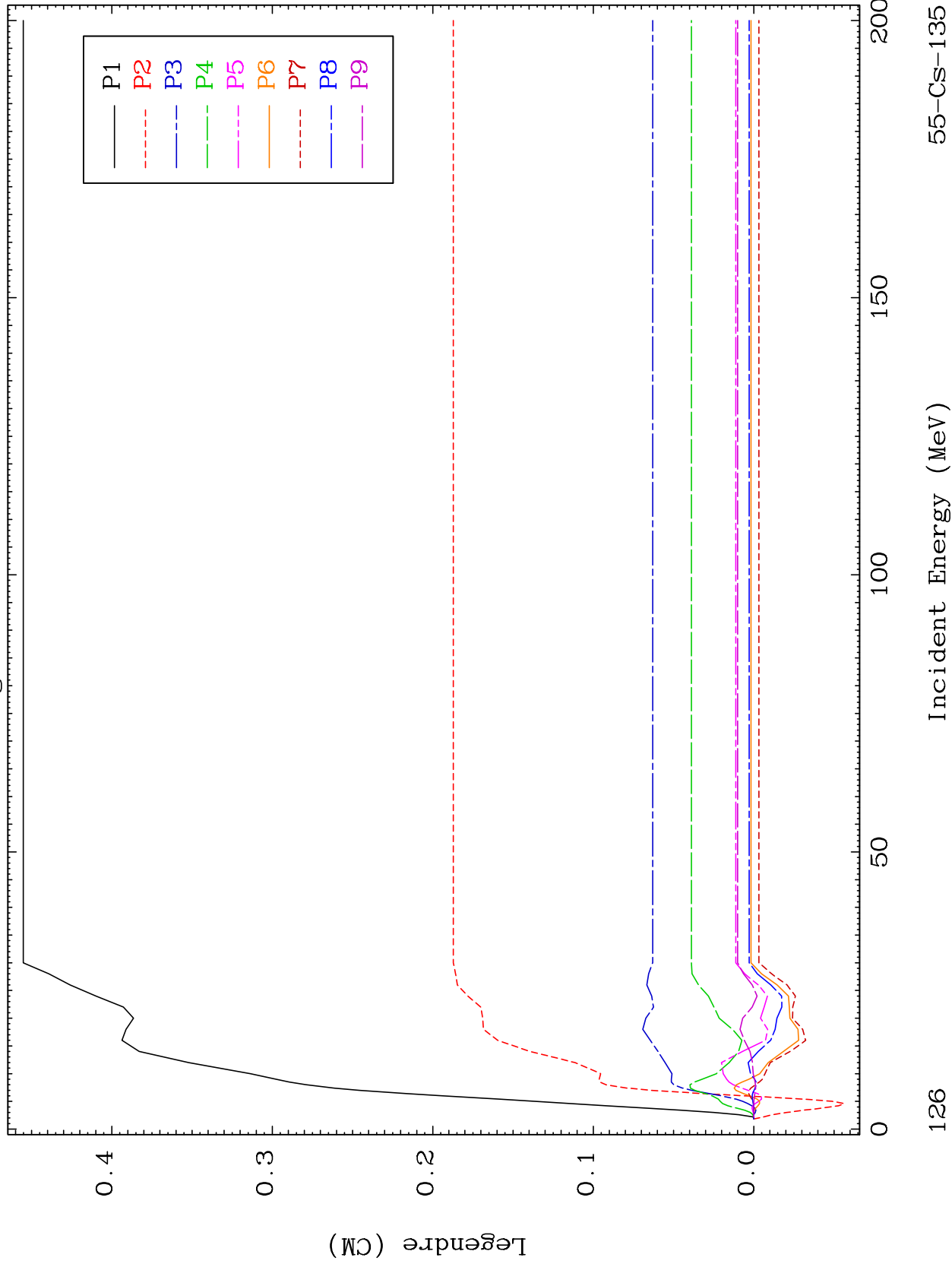




MAT 5531

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

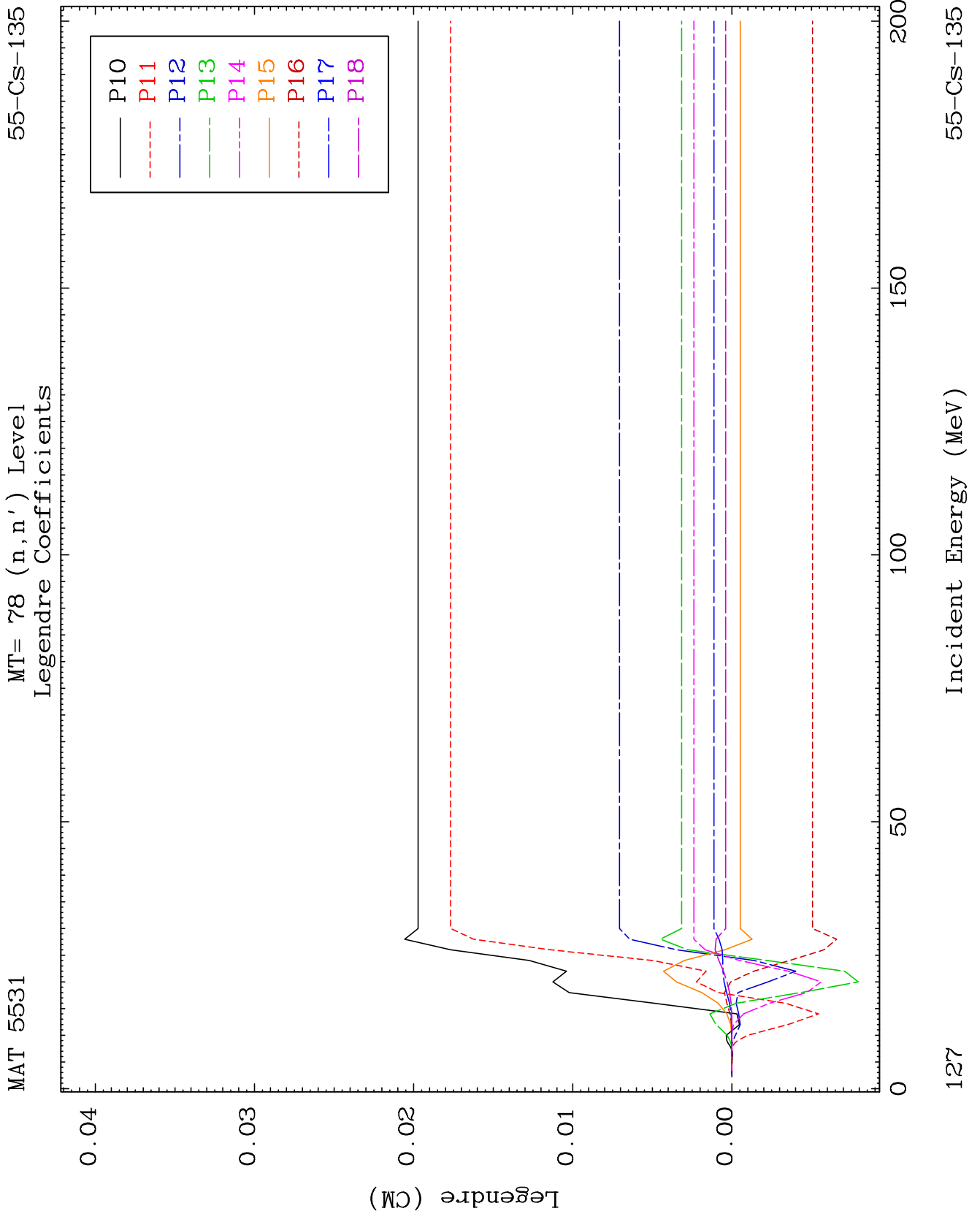
55-Cs-135



55-Cs-135

Incident Energy (MeV)

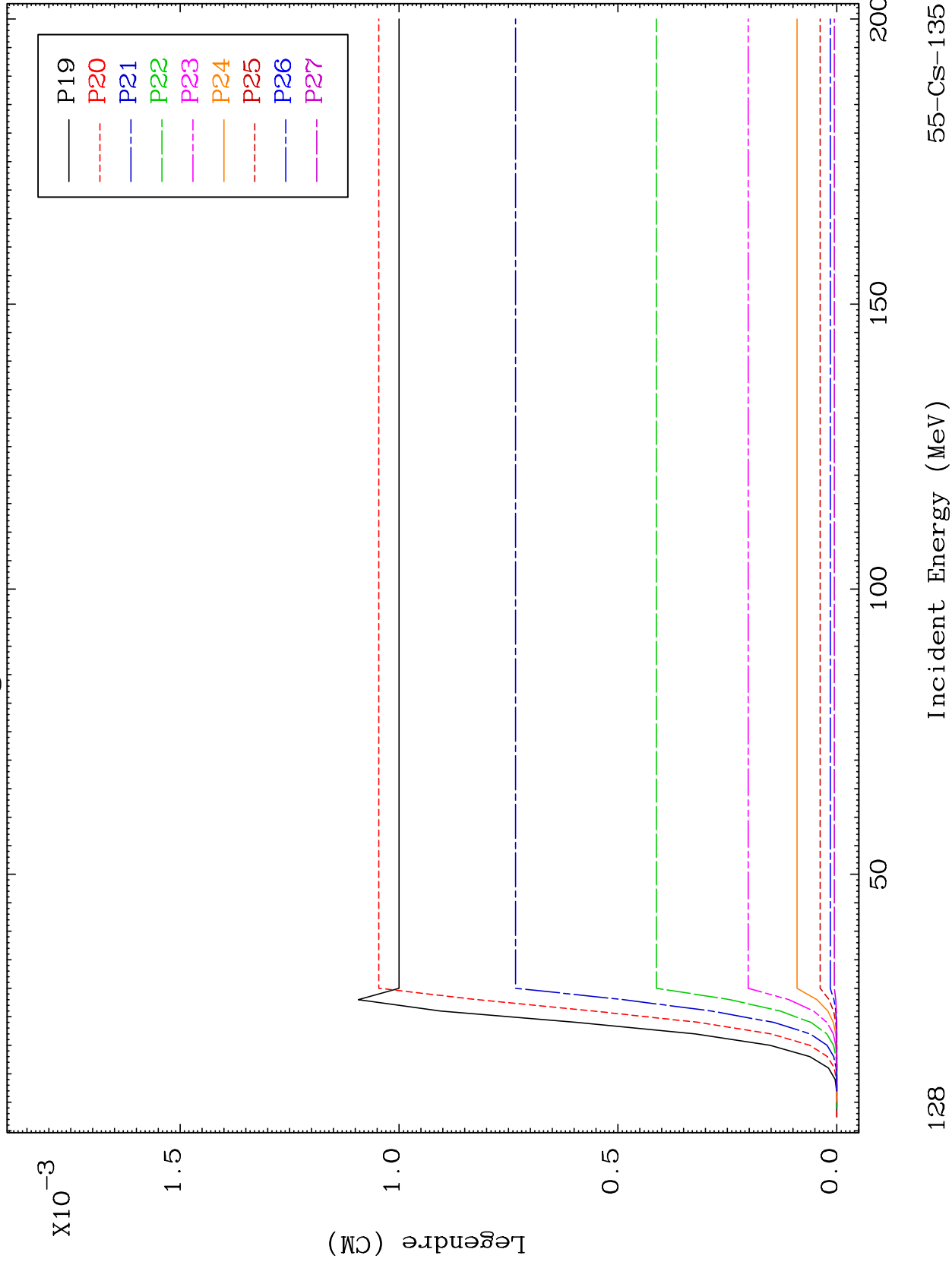
126



MAT 5531

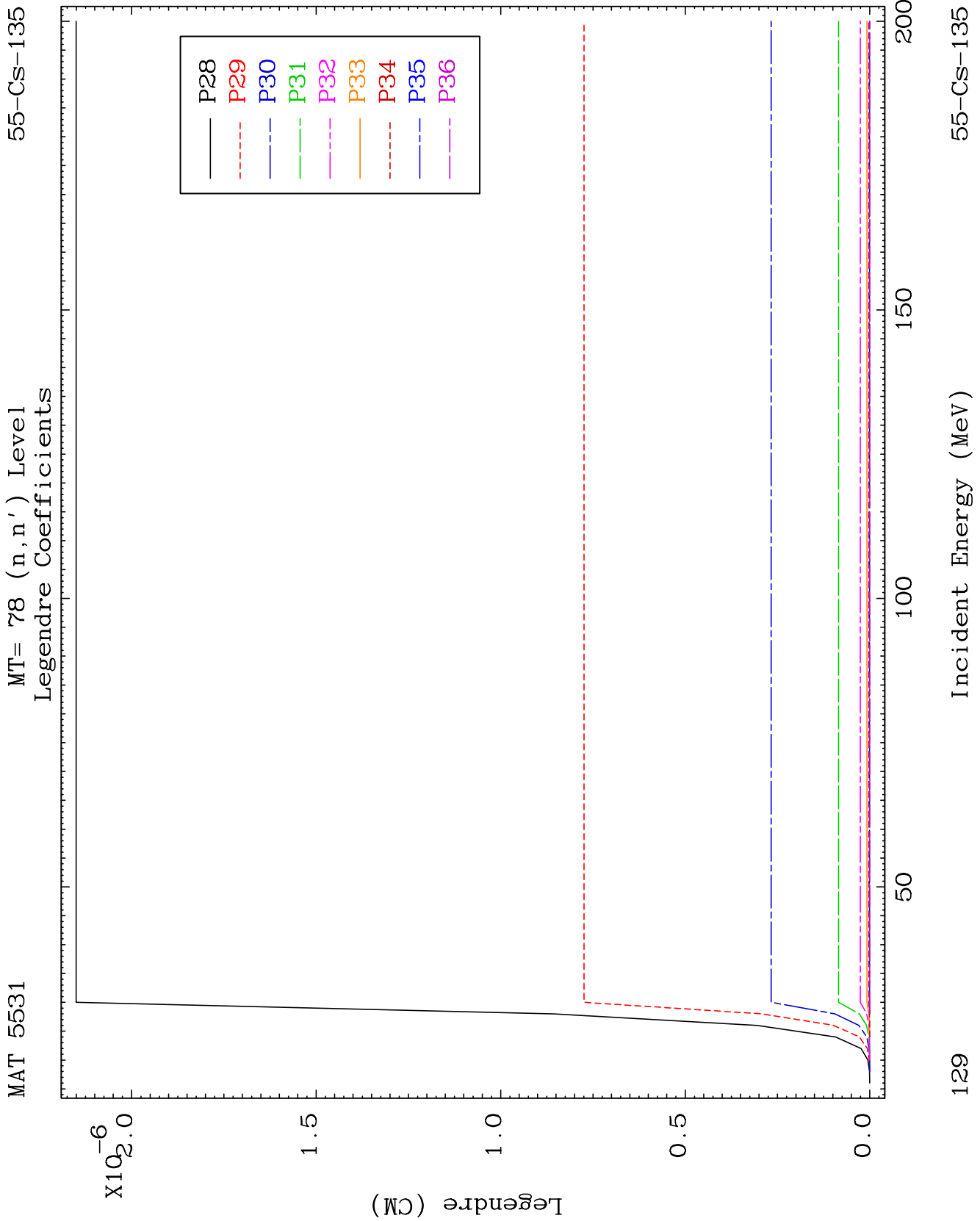
MT= 78 (n,n') Level
Legendre Coefficients

55-Cs-135



128

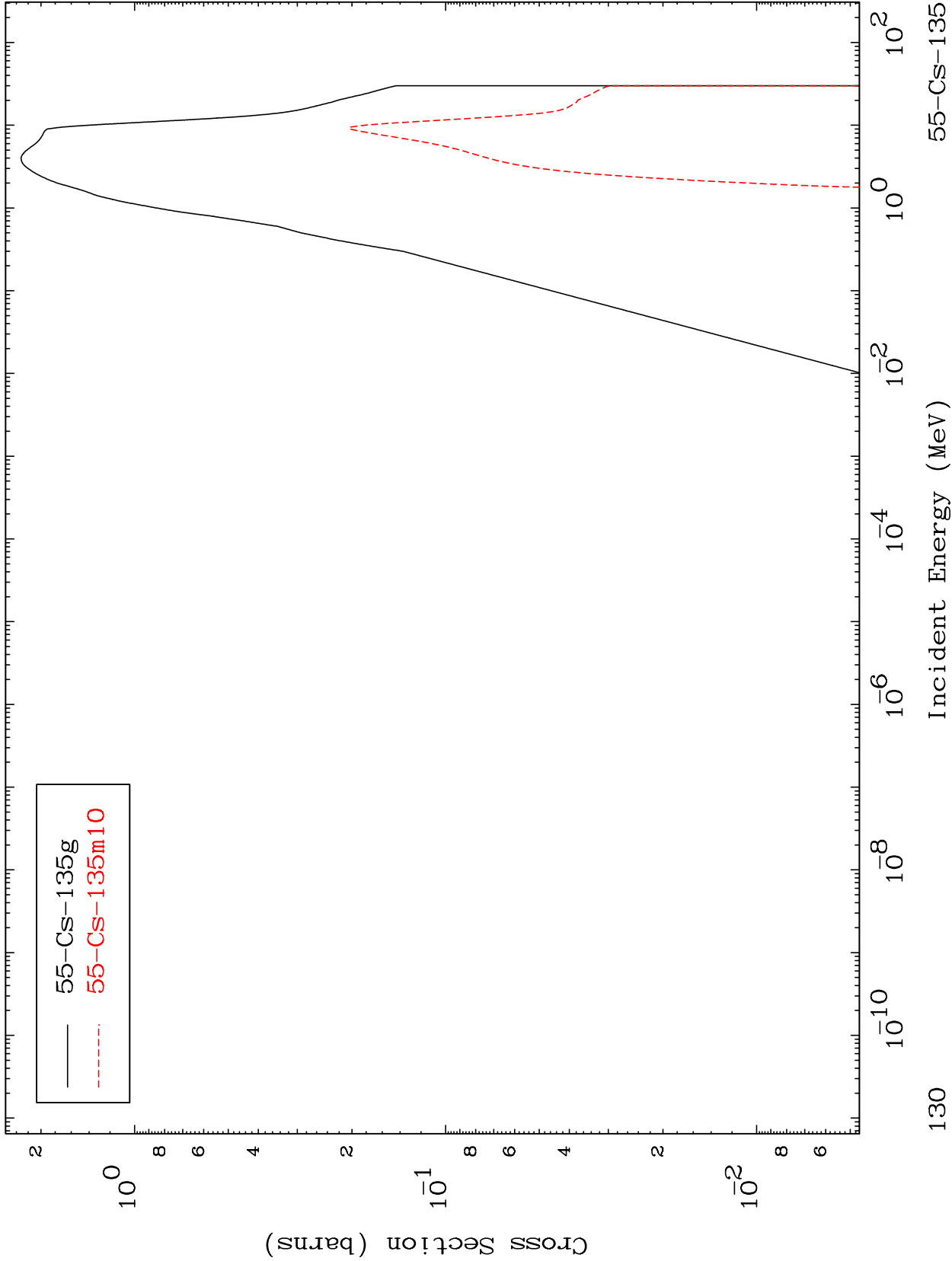
55-Cs-135



MAT 5531

Inelastic
Radionuclide Production Cross Section

55-Cs-135



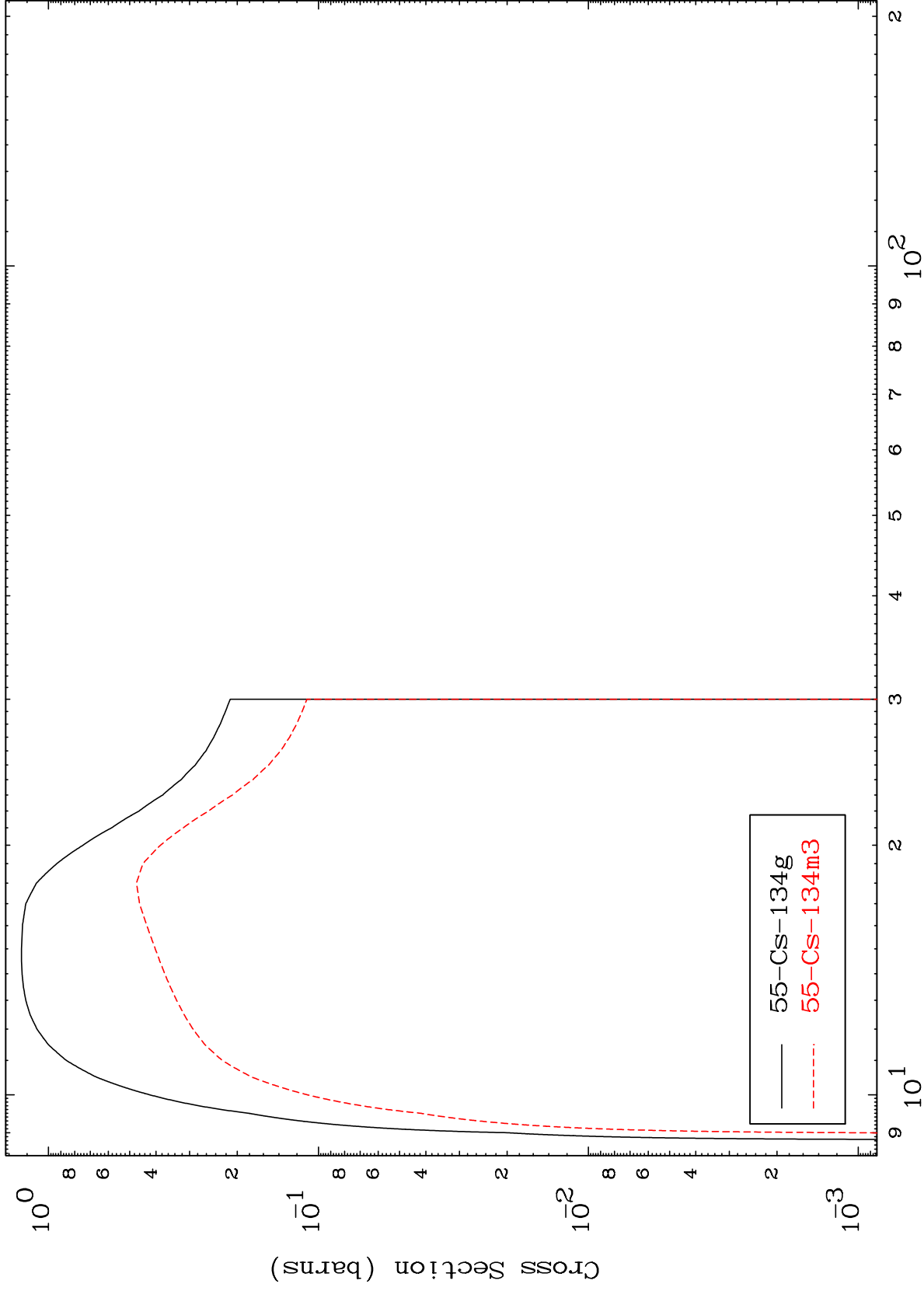
130

55-Cs-135

MAT 5531

55-Cs-135

(n,2n)
Radionuclide Production Cross Section



55-Cs-135

Incident Energy (MeV)

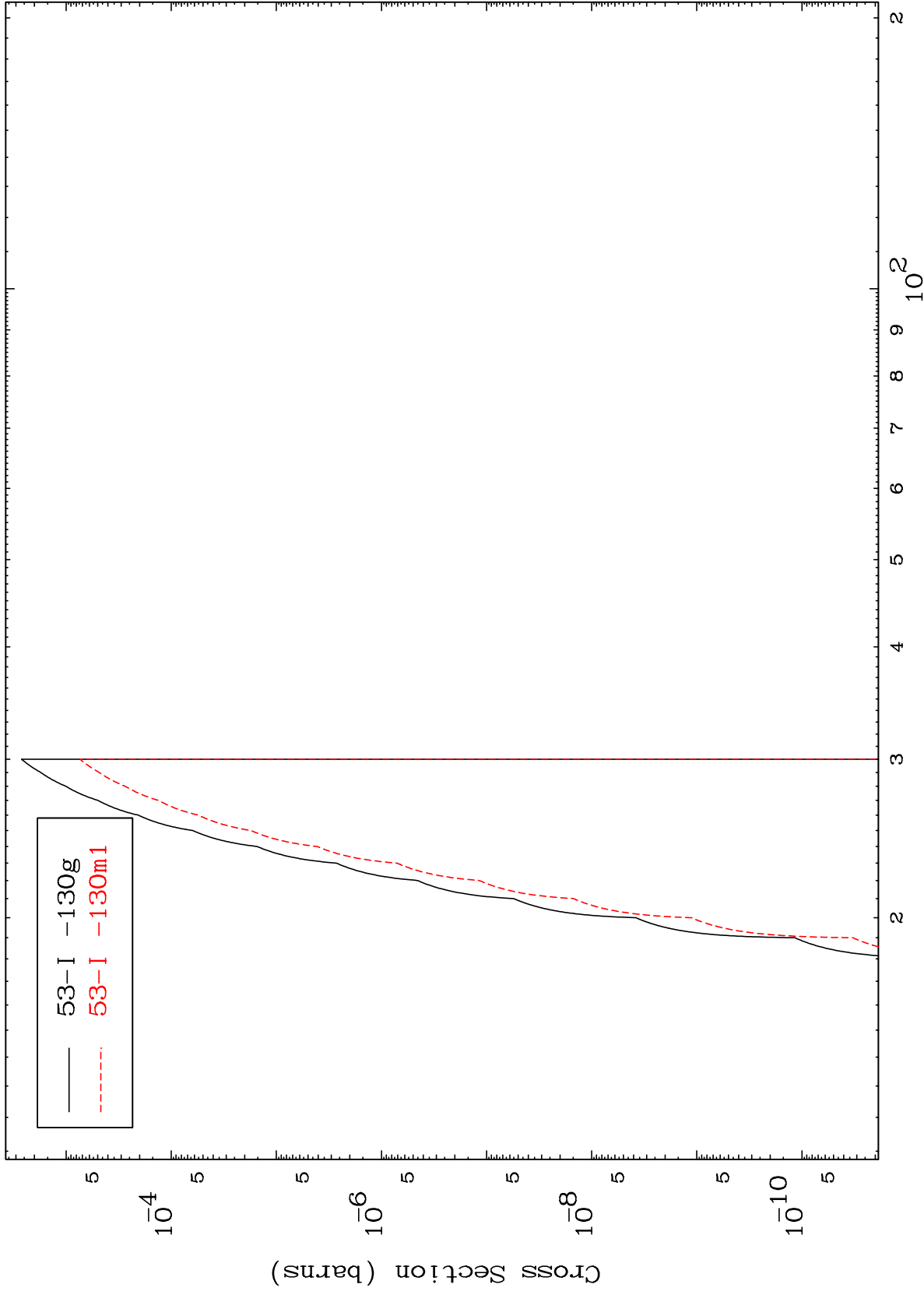
131

MAT 5531

(n,2n) α

55-Cs-135

Radionuclide Production Cross Section



132

Incident Energy (MeV)

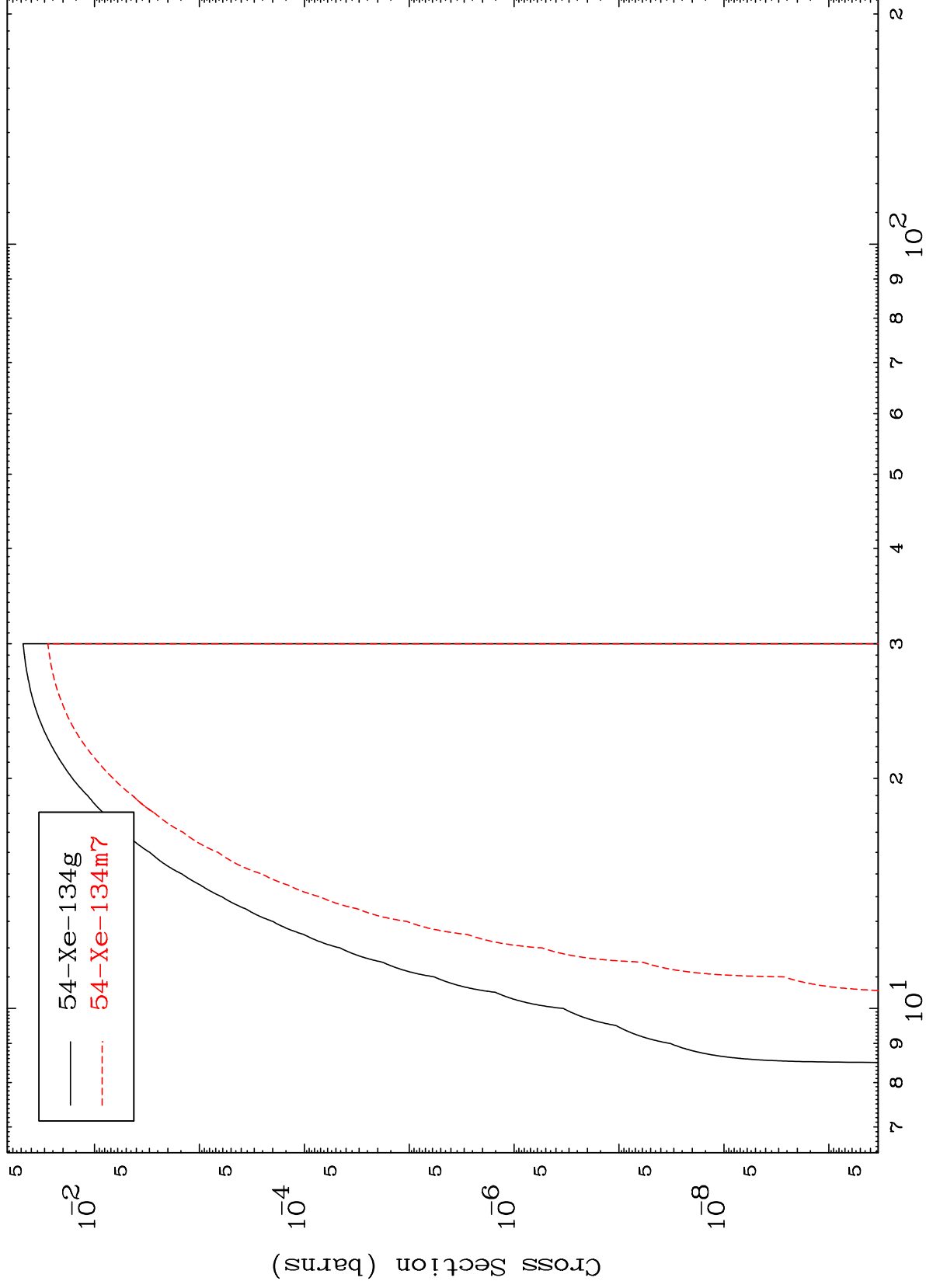
55-Cs-135

MAT 5531

(n,n') p

55-Cs-135

Radionuclide Production Cross Section



133

Incident Energy (MeV)

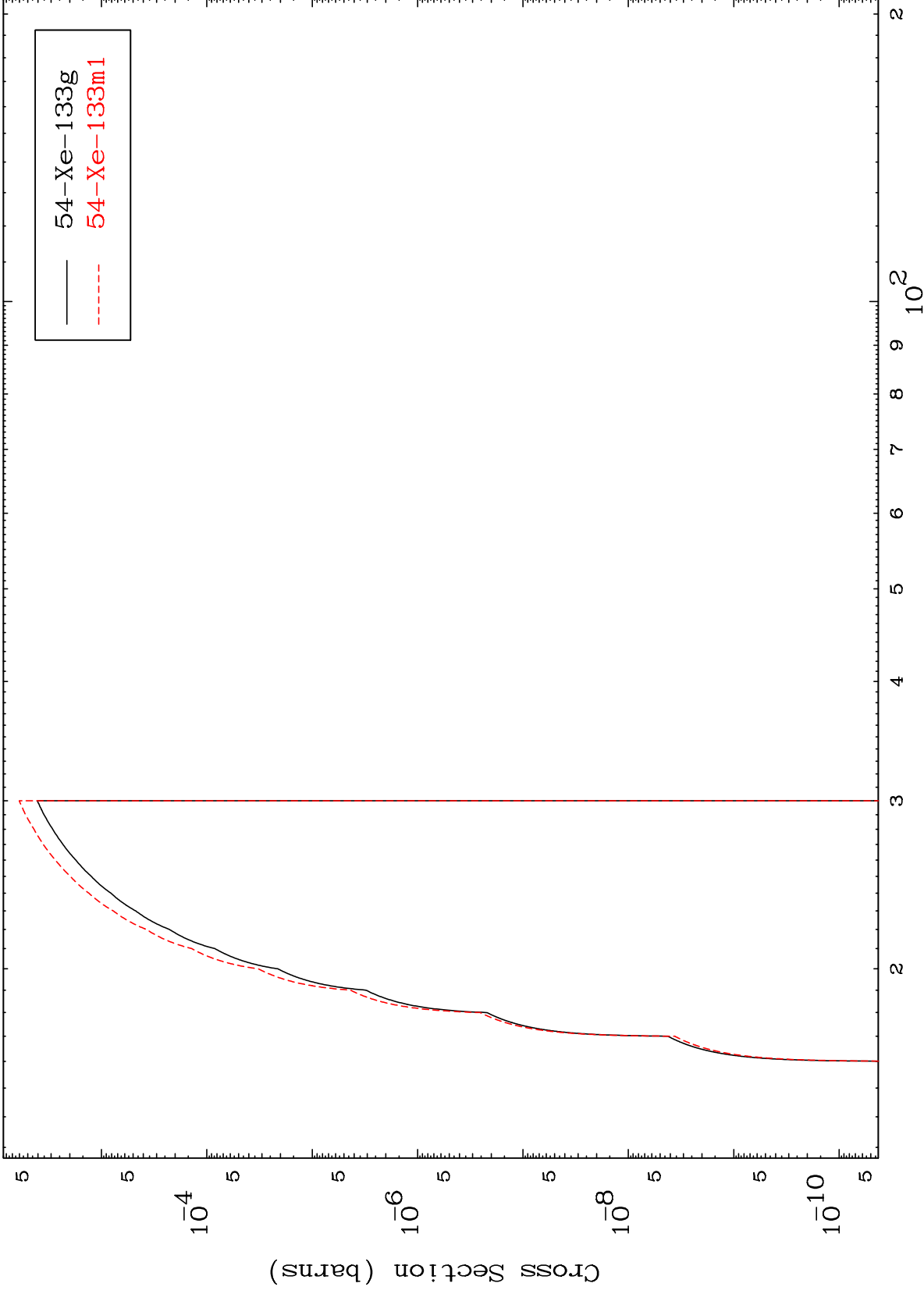
55-Cs-135

MAT 5531

(n,n') d

55-Cs-135

Radionuclide Production Cross Section



134

Incident Energy (MeV)

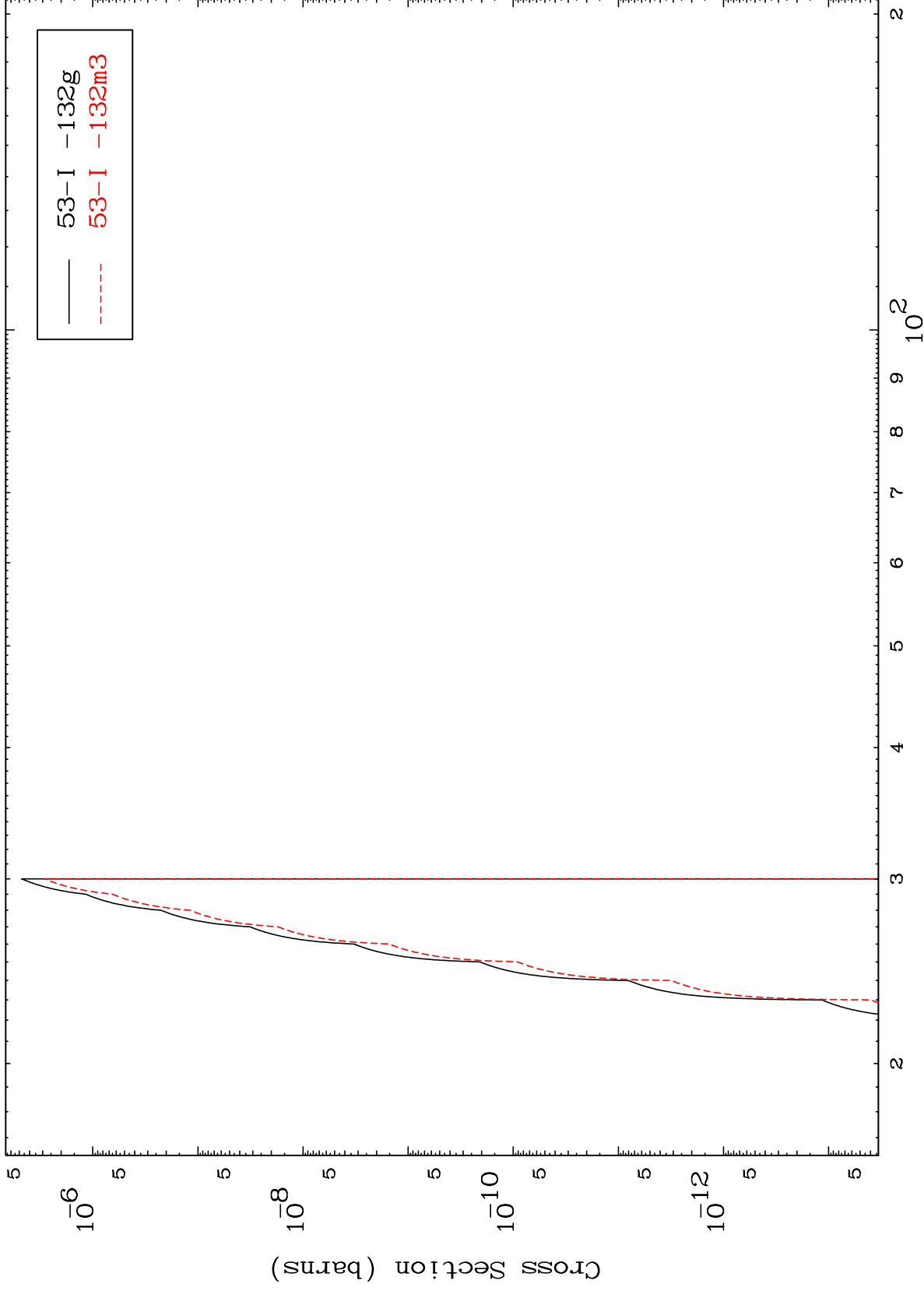
55-Cs-135

MAT 5531

(n,n') He-3

55-Cs-135

Radionuclide Production Cross Section



135

Incident Energy (MeV)

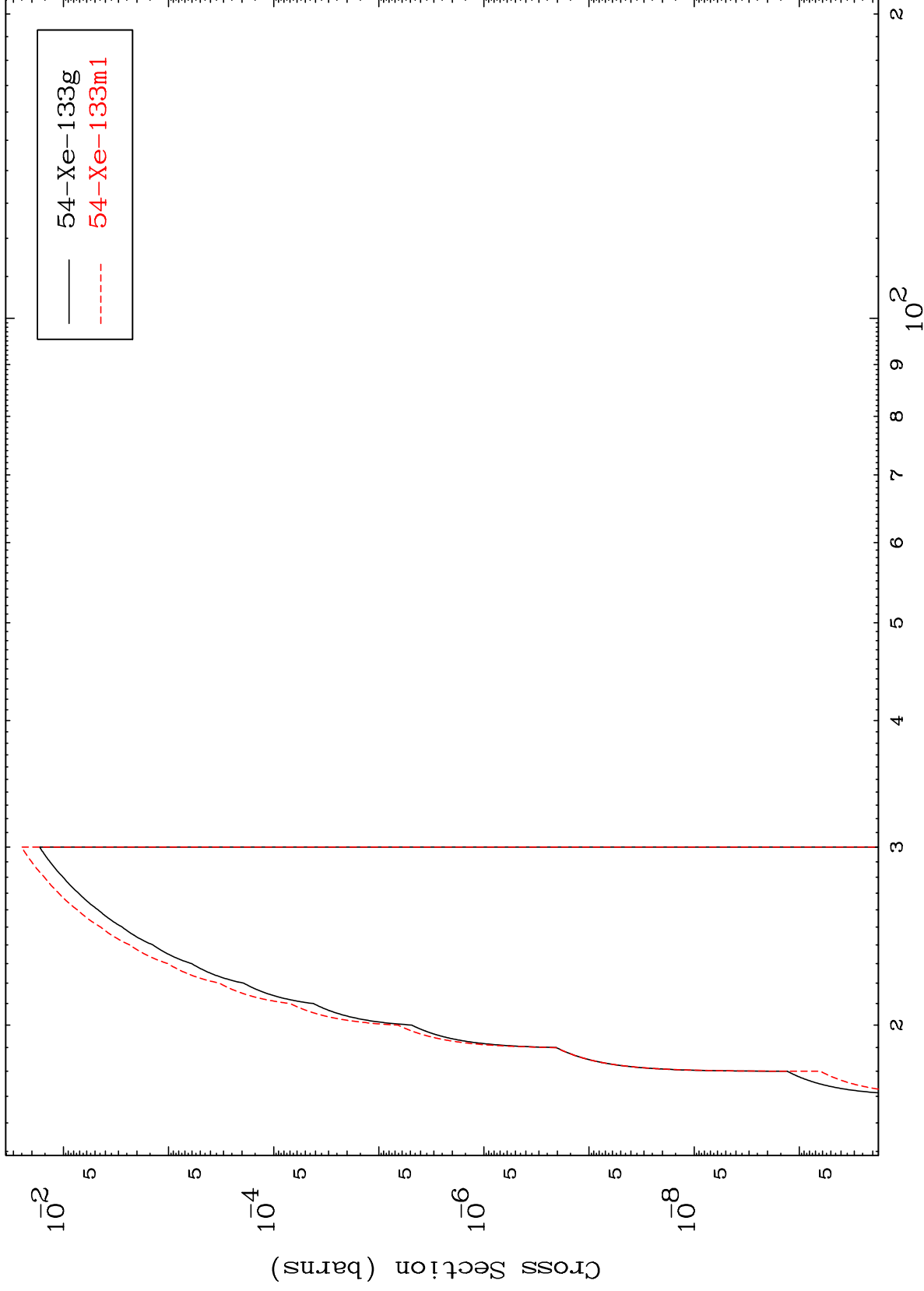
55-Cs-135

MAT 5531

(n,2n) p

55-Cs-135

Radionuclide Production Cross Section



136

Incident Energy (MeV)

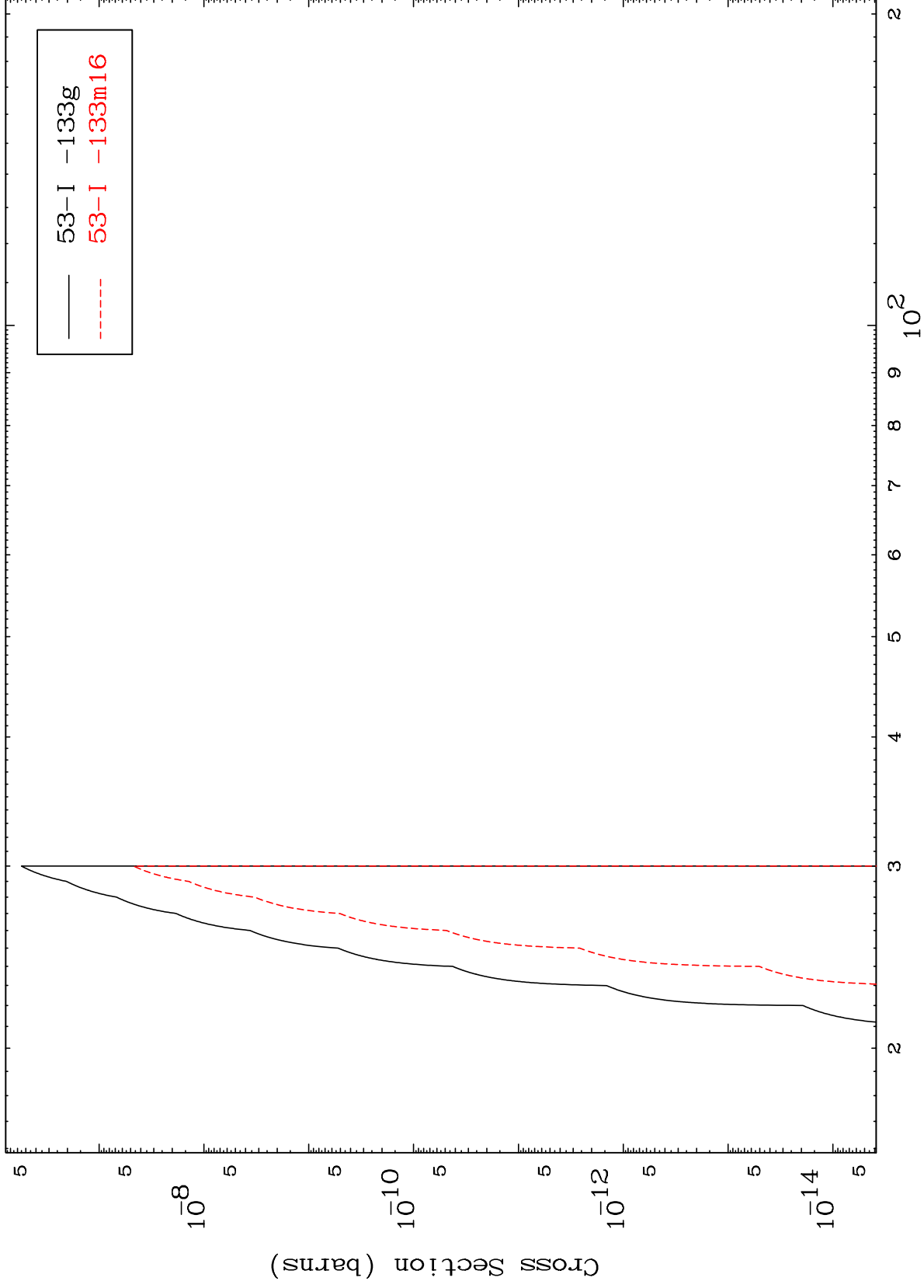
55-Cs-135

MAT 5531

(n,2n) p

55-Cs-135

Radionuclide Production Cross Section



137

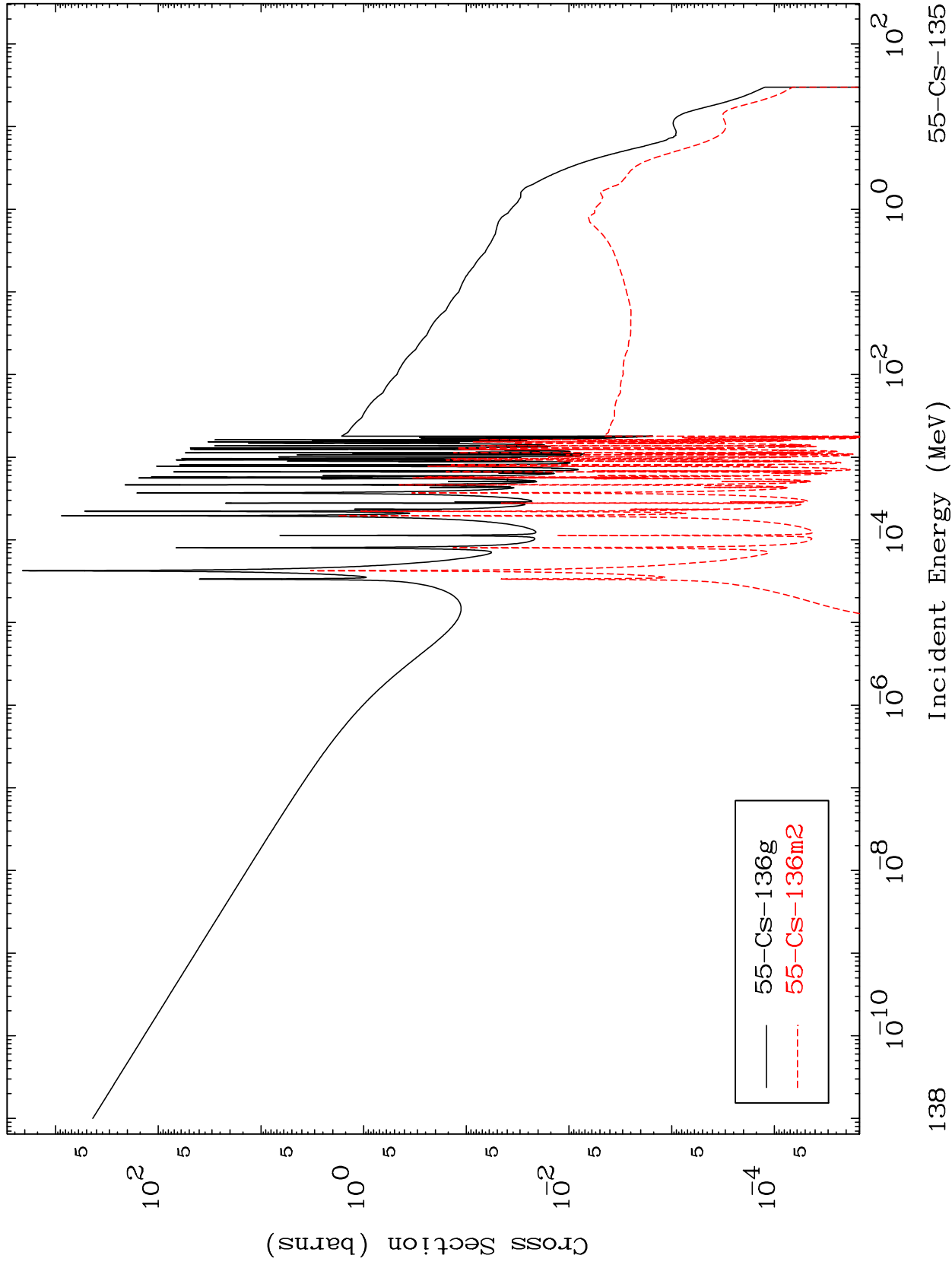
Incident Energy (MeV)

55-Cs-135

MAT 5531

55-Cs-135

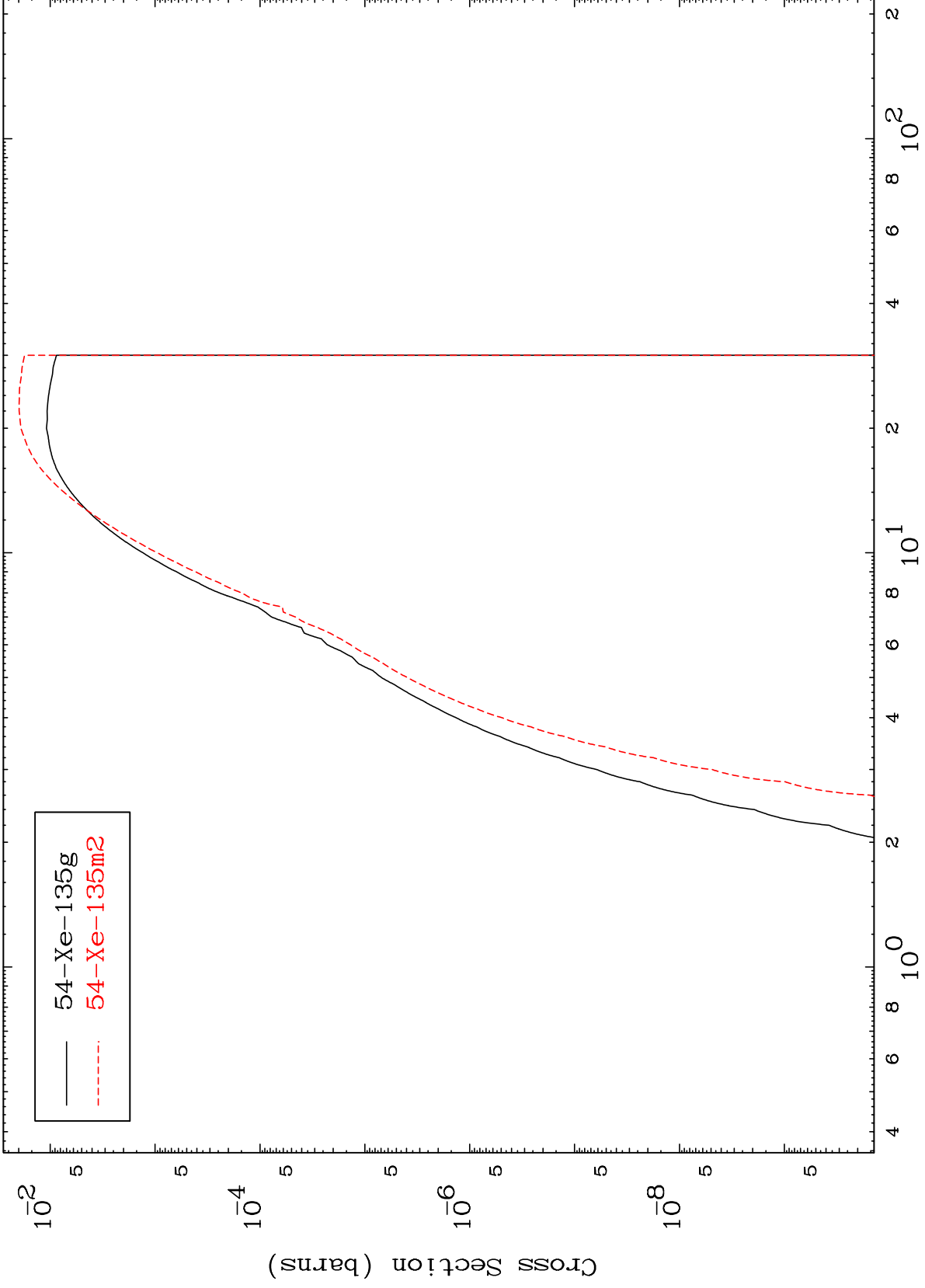
(n,γ)
Radionuclide Production Cross Section



MAT 5531

55-Cs-135

(n,p)
Radionuclide Production Cross Section



139

Incident Energy (MeV)

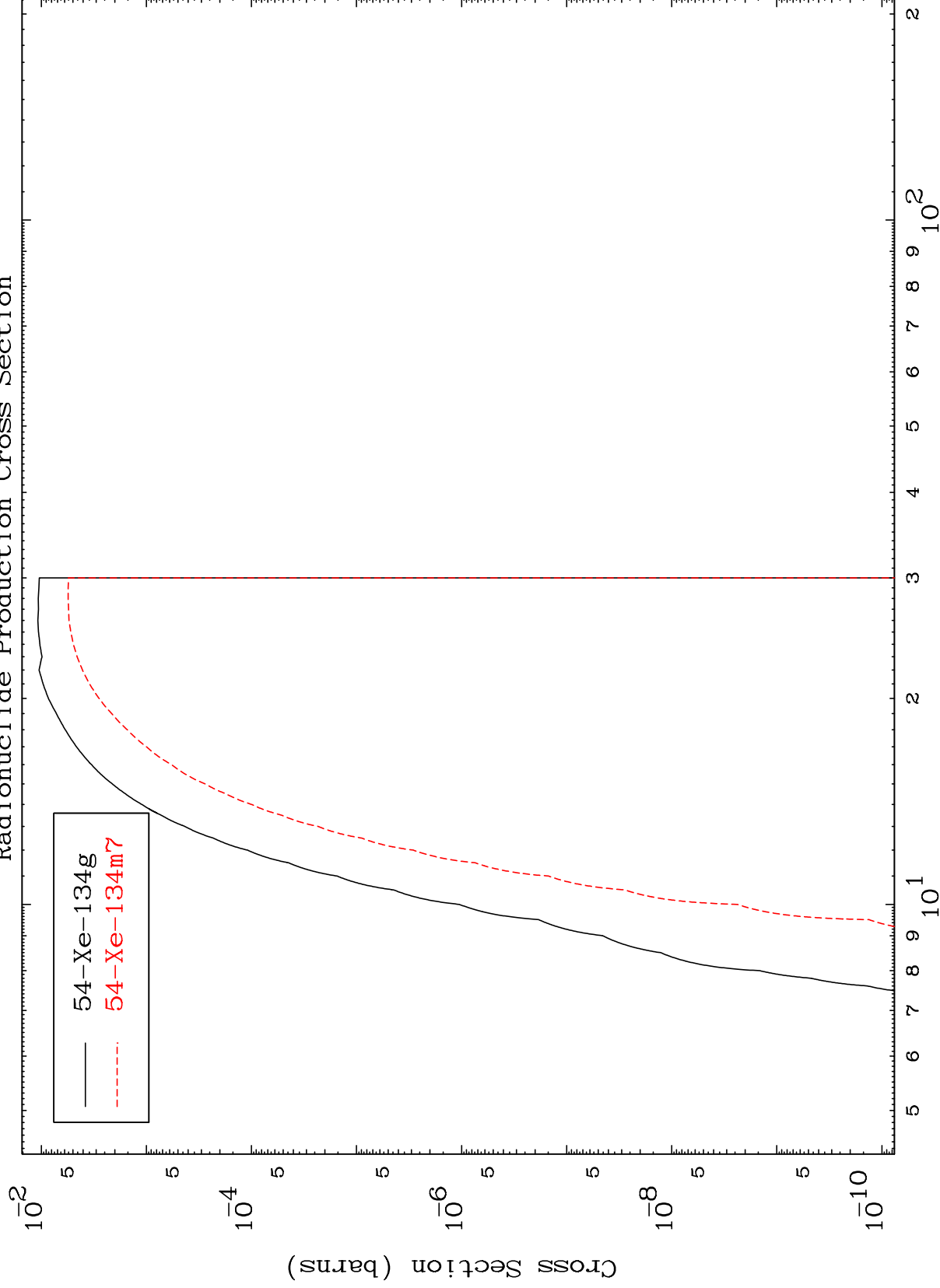
55-Cs-135

MAT 5531

(n,d)

55-Cs-135

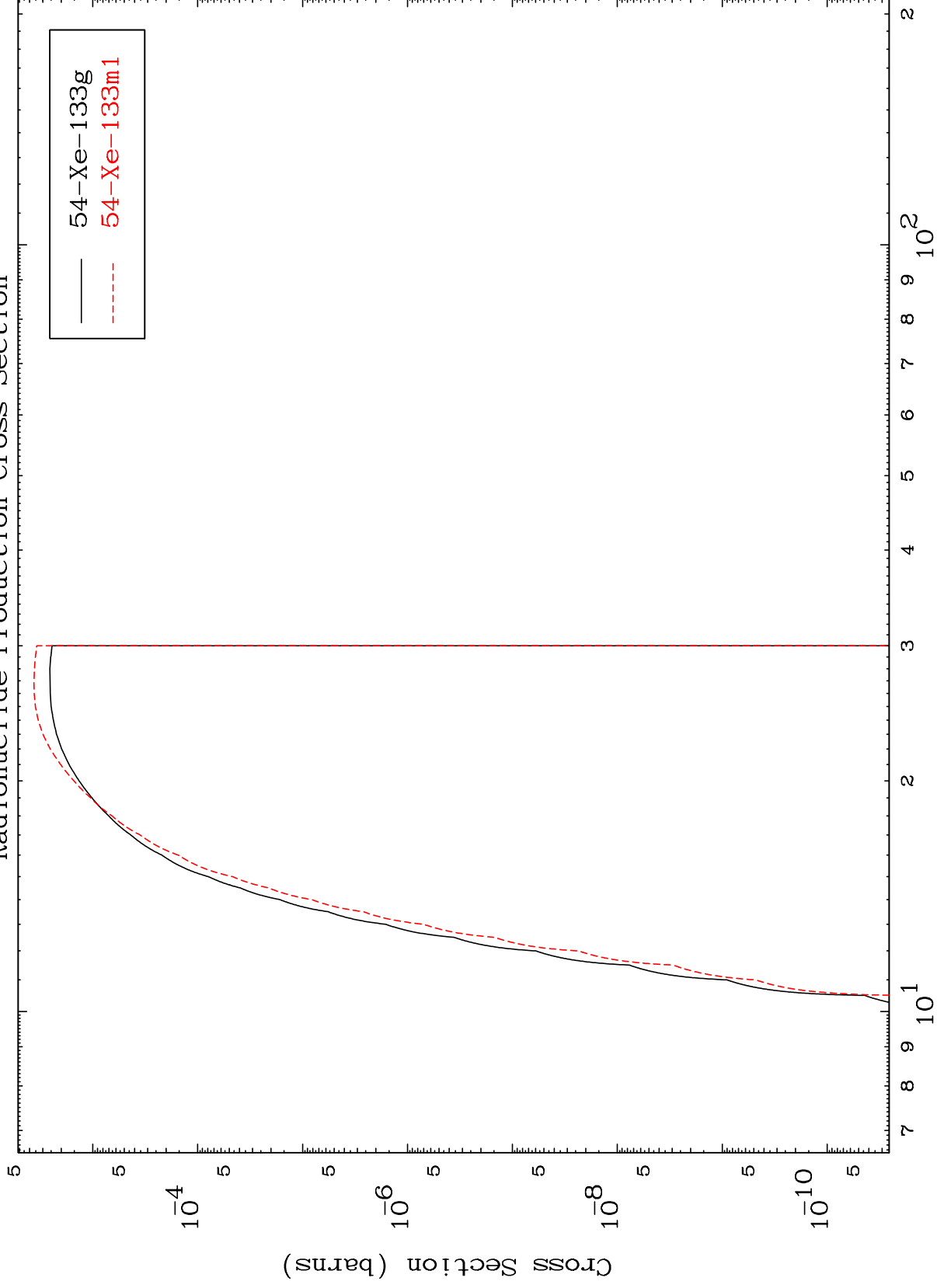
Radionuclide Production Cross Section



MAT 5531

55-Cs-135

(n, t)
Radionuclide Production Cross Section



141

Incident Energy (MeV)

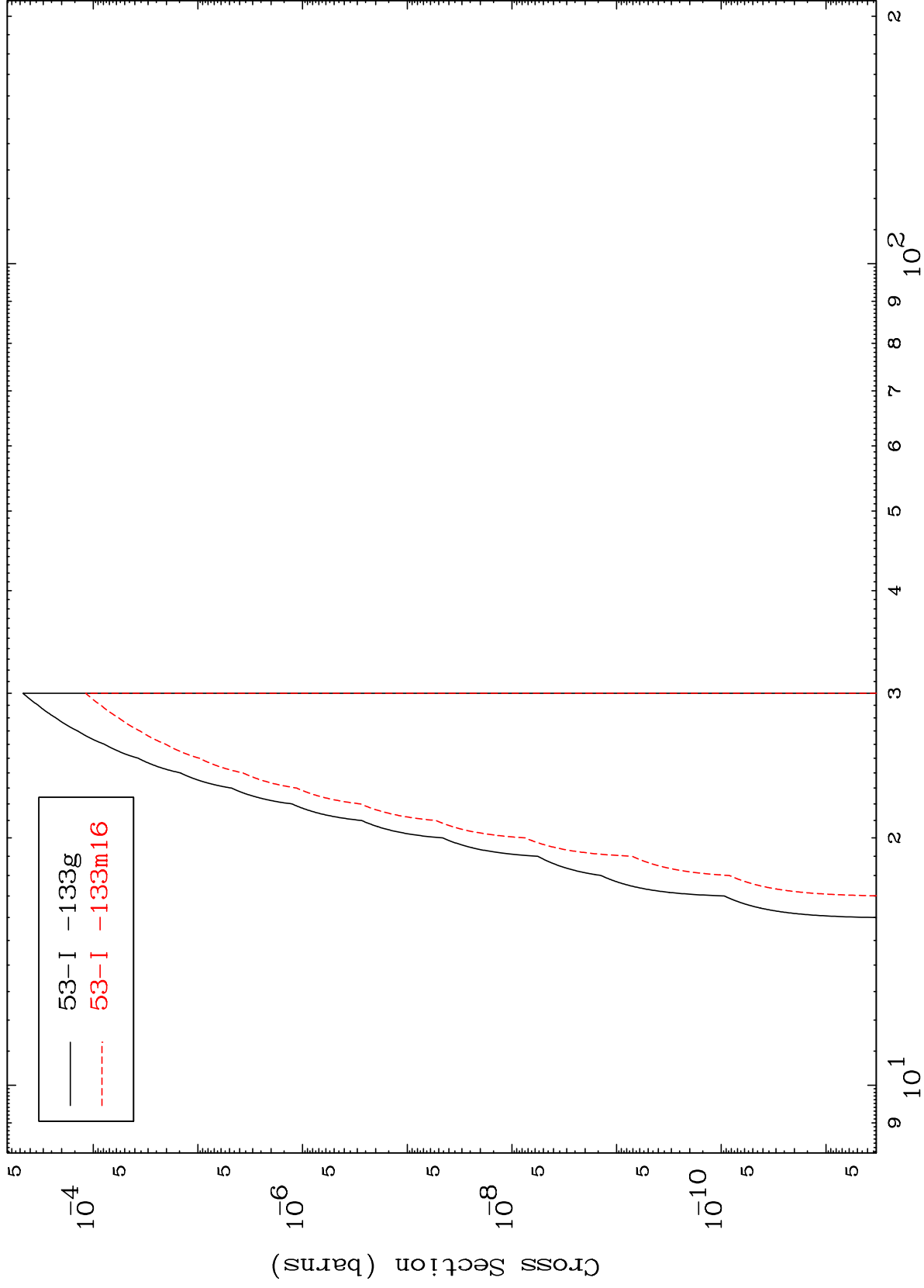
55-Cs-135

MAT 5531

(n,He-3)

55-Cs-135

Radionuclide Production Cross Section



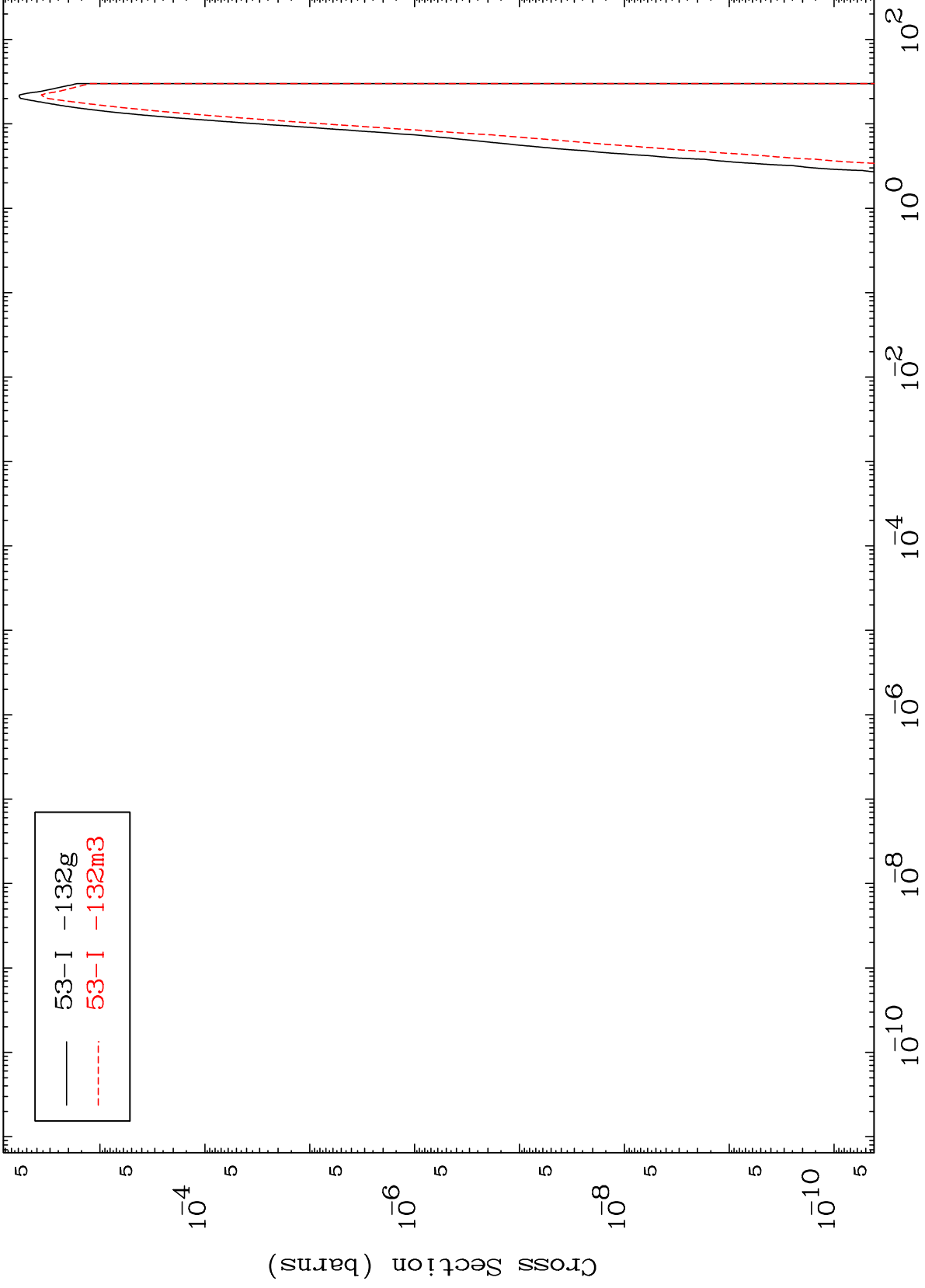
53-I-133g
53-I-133m16

MAT 5531

(n, α)

55-Cs-135

Radionuclide Production Cross Section

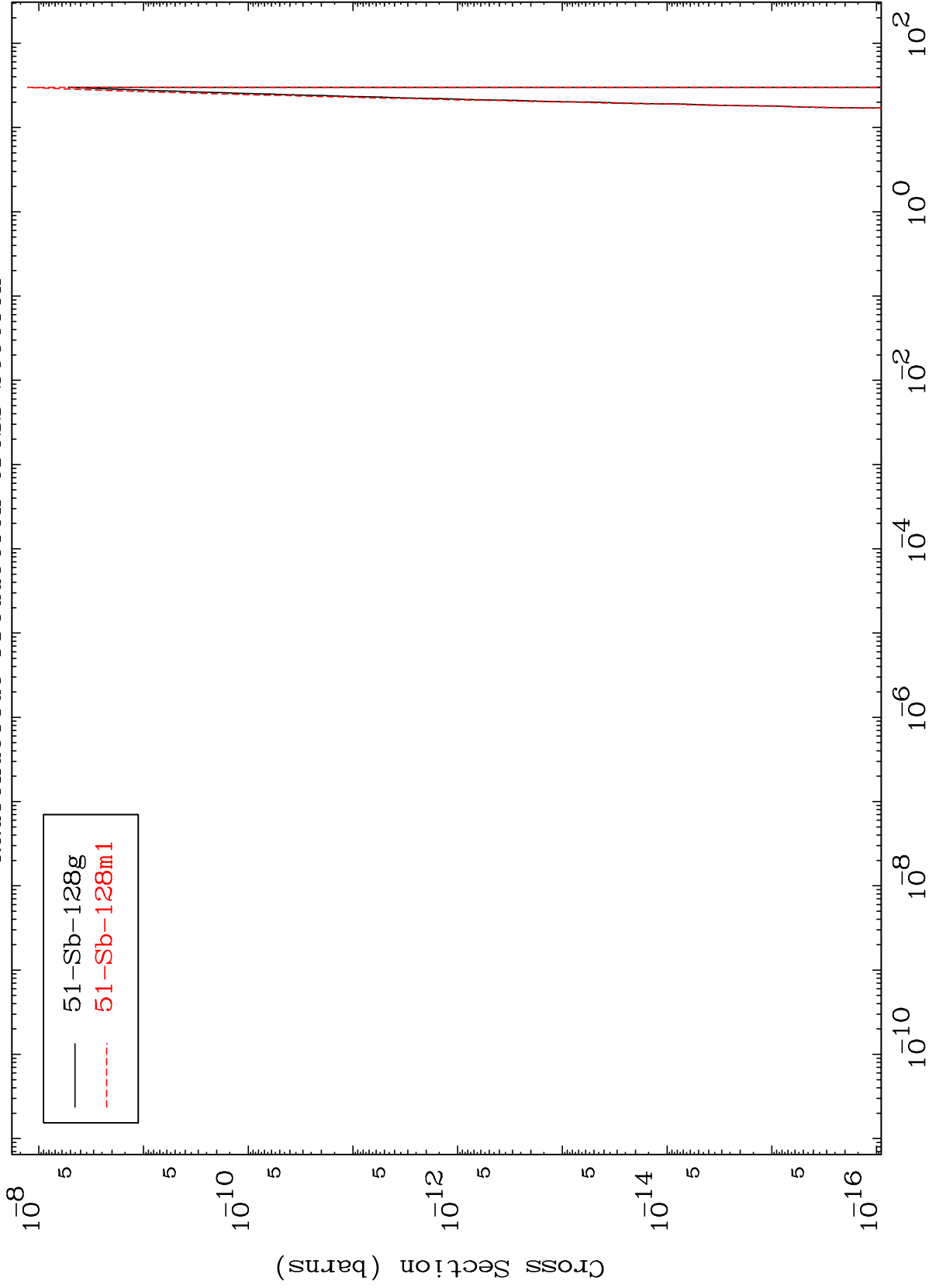


MAT 5531

(n,2α)

55-Cs-135

Radionuclide Production Cross Section



144

Incident Energy (MeV)

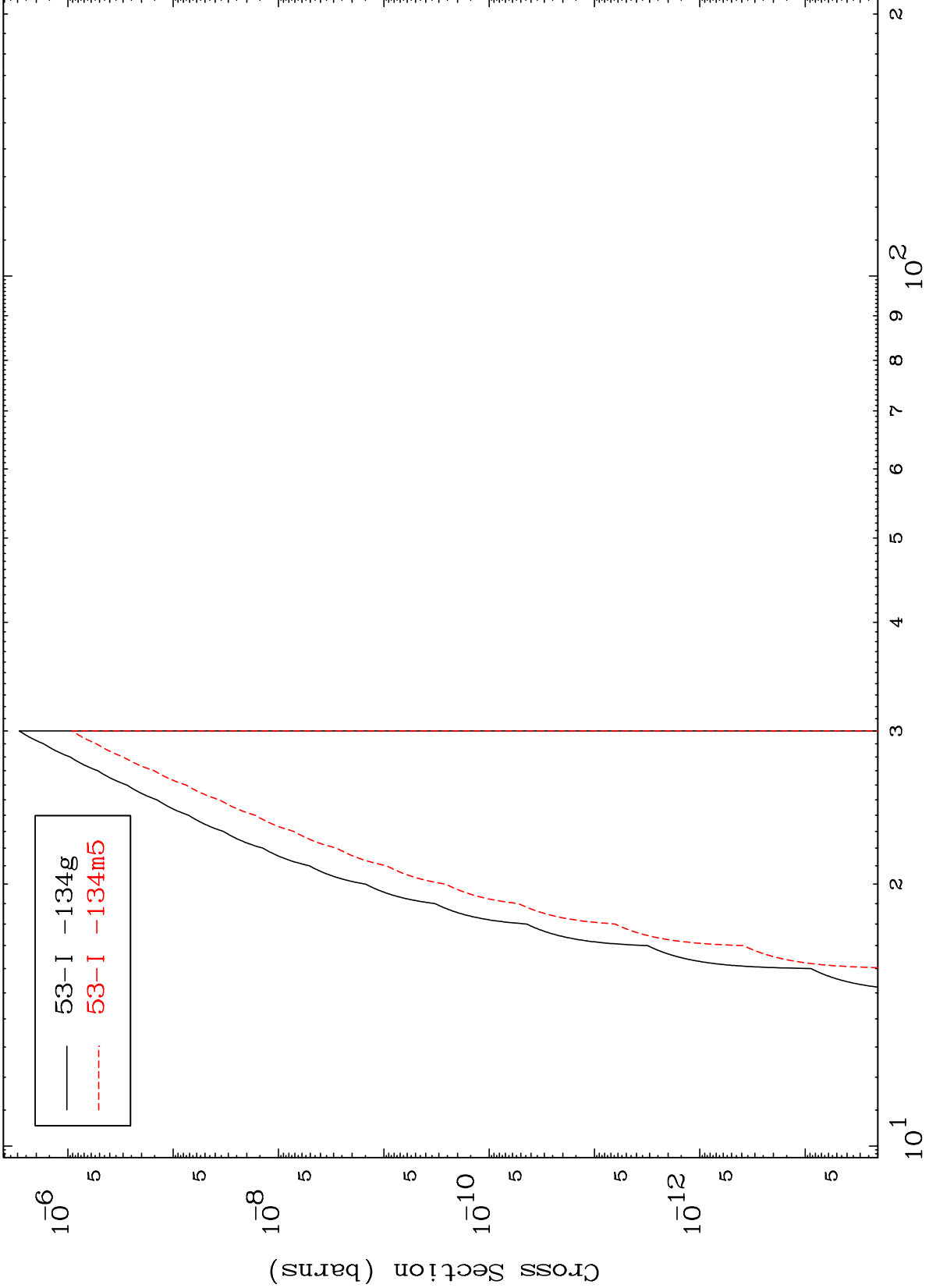
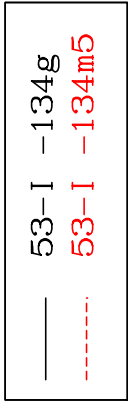
55-Cs-135

MAT 5531

(n,2p)

55-Cs-135

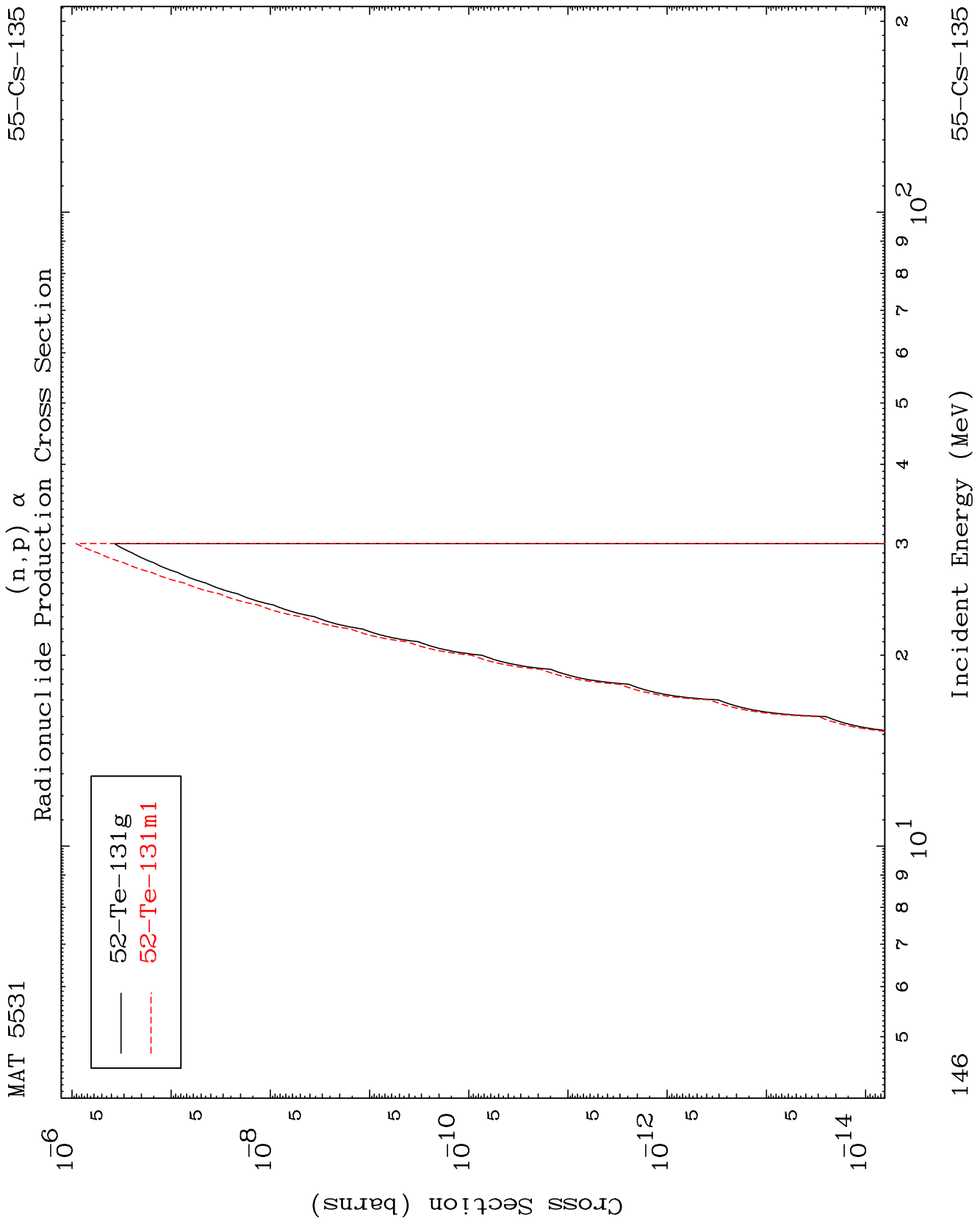
Radionuclide Production Cross Section



145

Incident Energy (MeV)

55-Cs-135

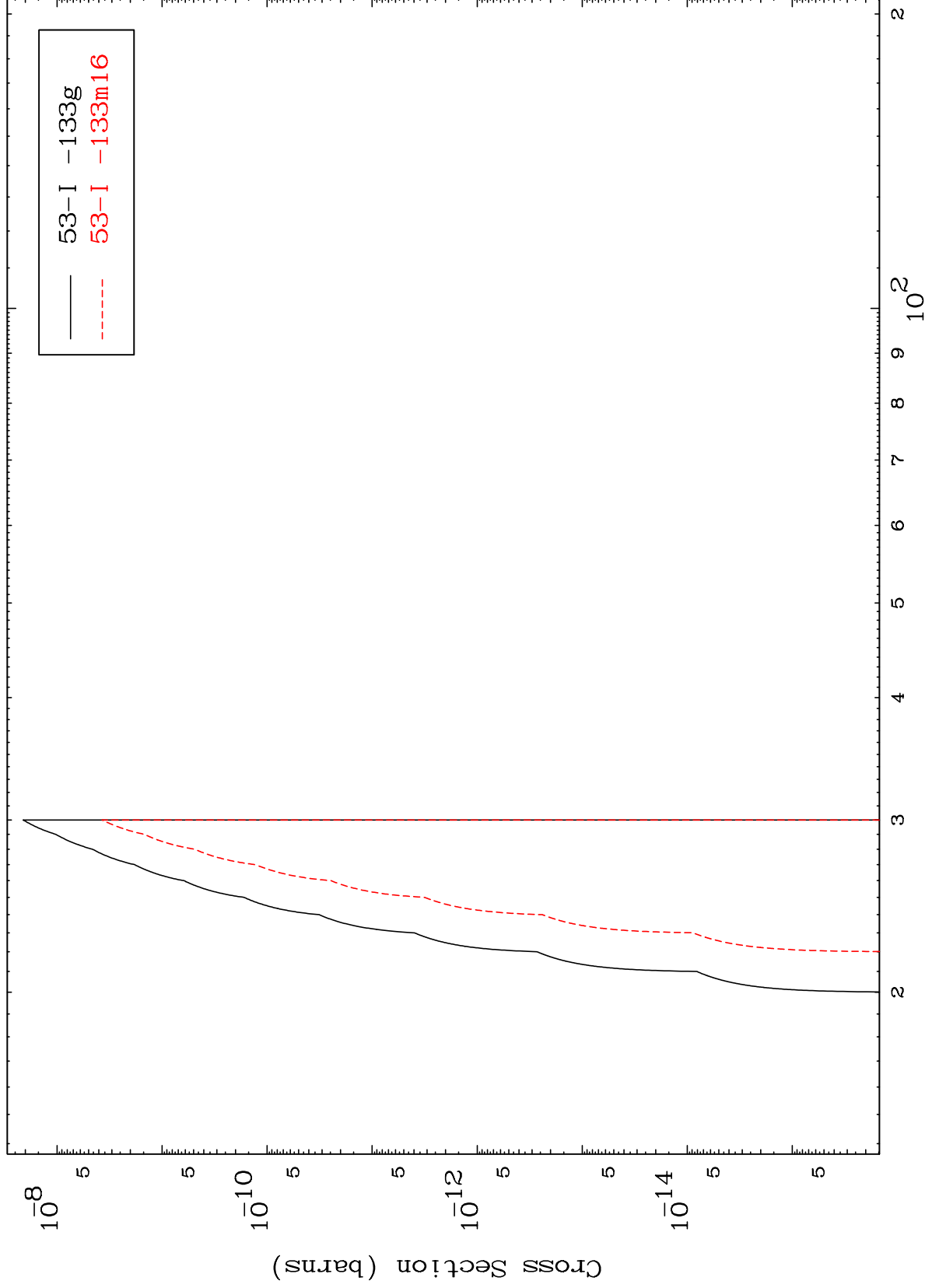


MAT 5531

(n,p) d

55-Cs-135

Radionuclide Production Cross Section



147

Incident Energy (MeV)

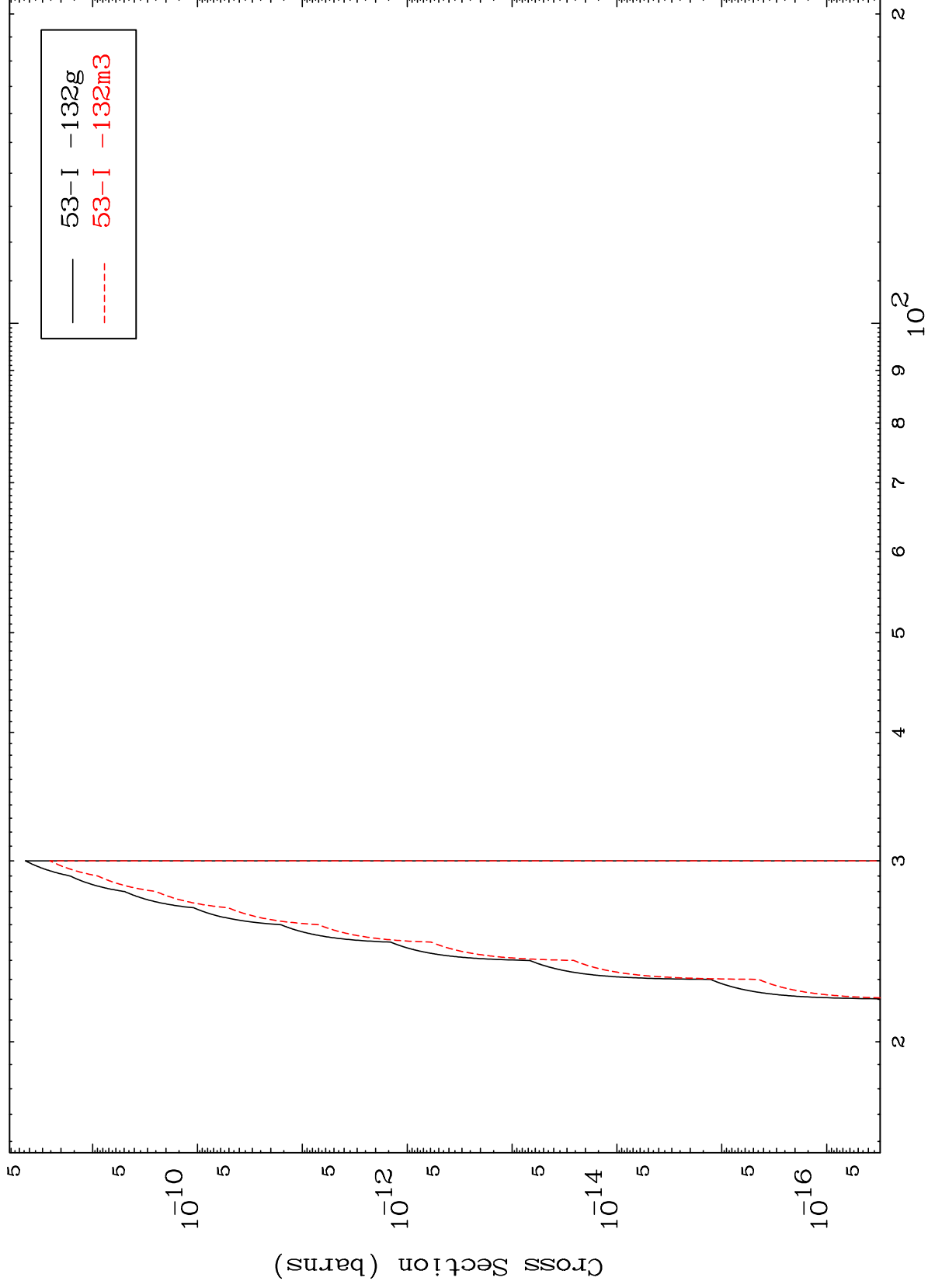
55-Cs-135

MAT 5531

(n,p) t

55-Cs-135

Radionuclide Production Cross Section



148

Incident Energy (MeV)

55-Cs-135