

Program EVALPLOT
(Version 2017-1)

by

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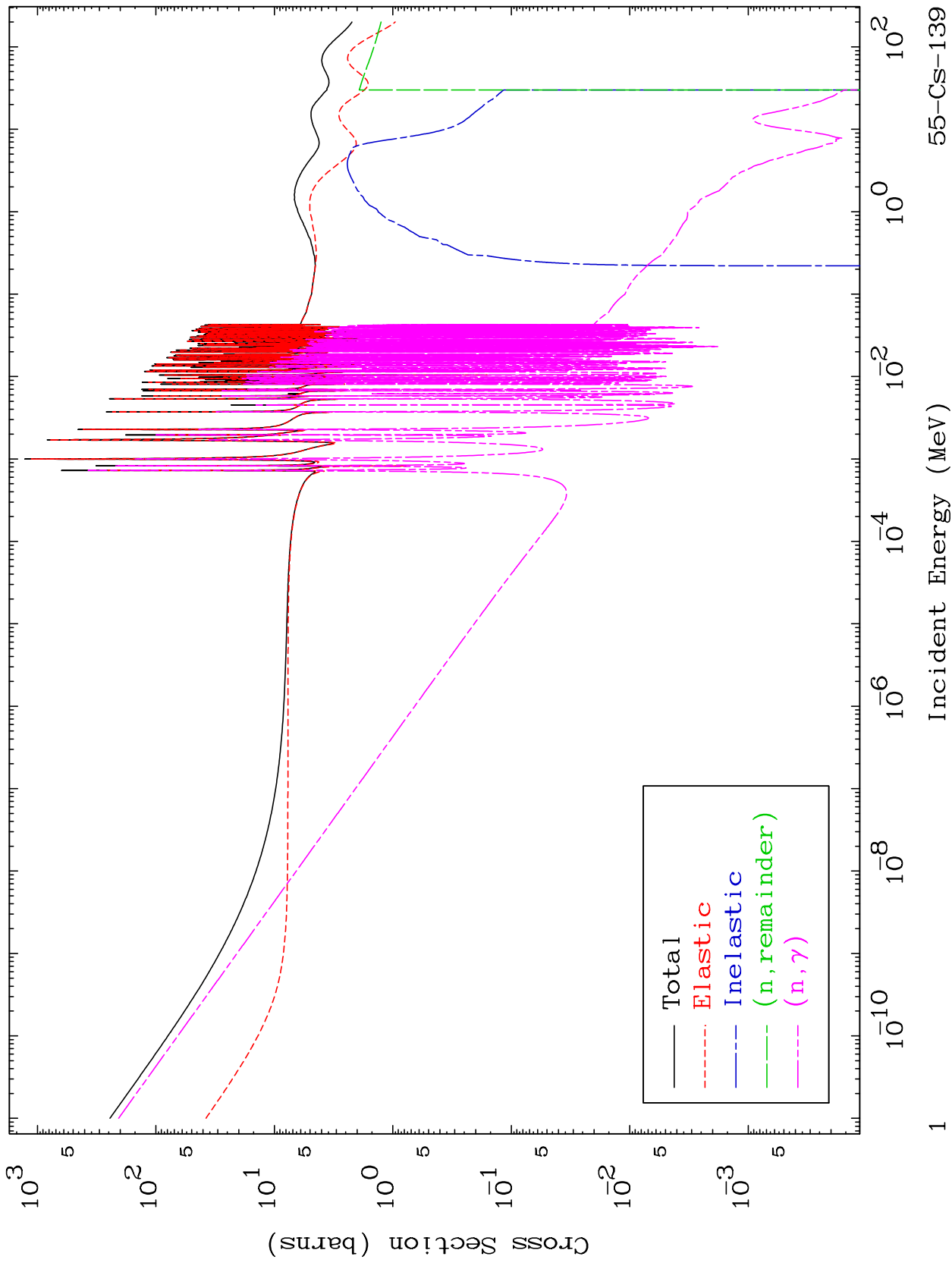
Press Mouse Button to Start

MAT 5543

Major

293 Kelvin Cross Sections

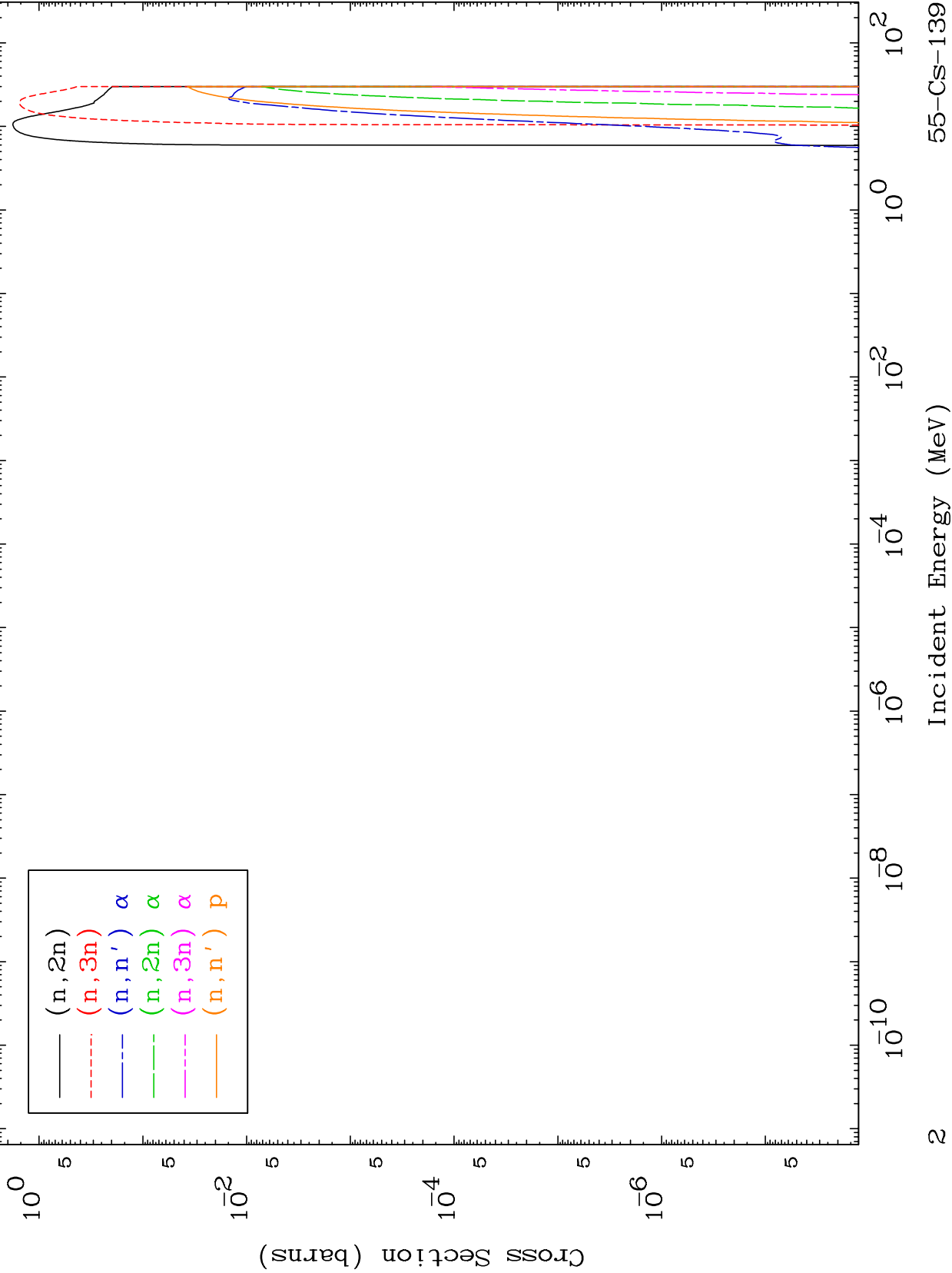
55-Cs-139

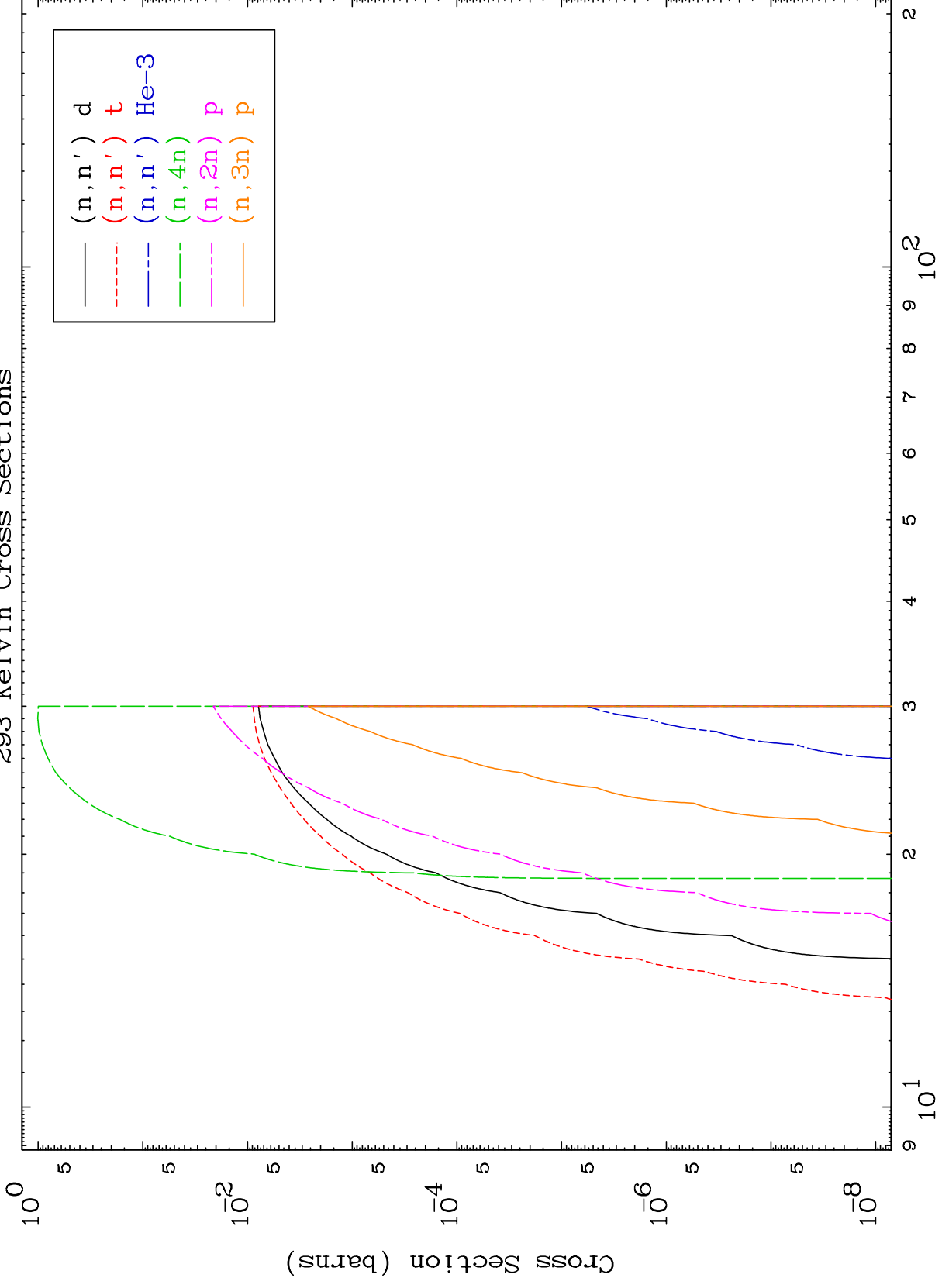


MAT 5543

Neutron Production
293 Kelvin Cross Sections

55-Cs-139

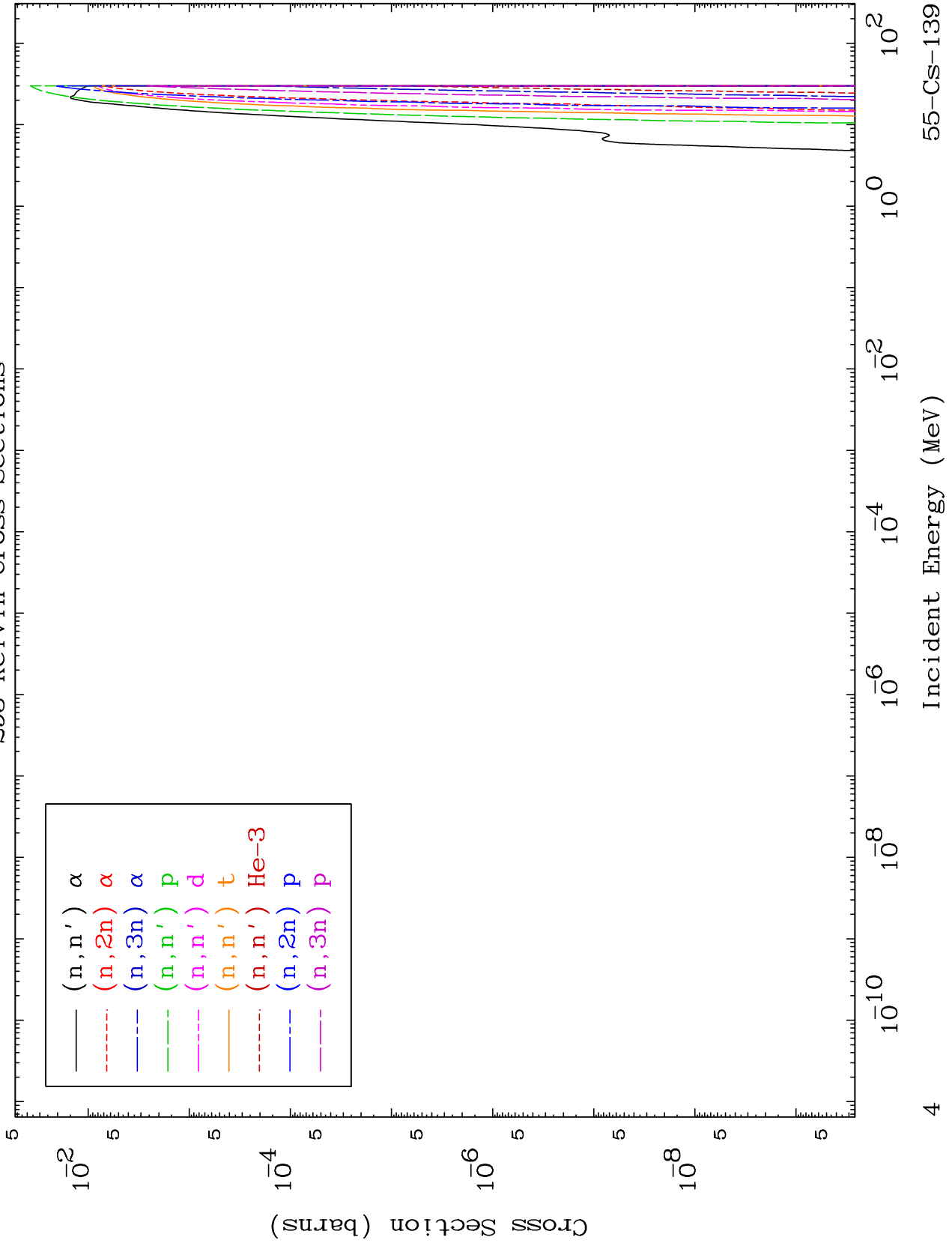




MAT 5543

Charged Particle
293 Kelvin Cross Sections

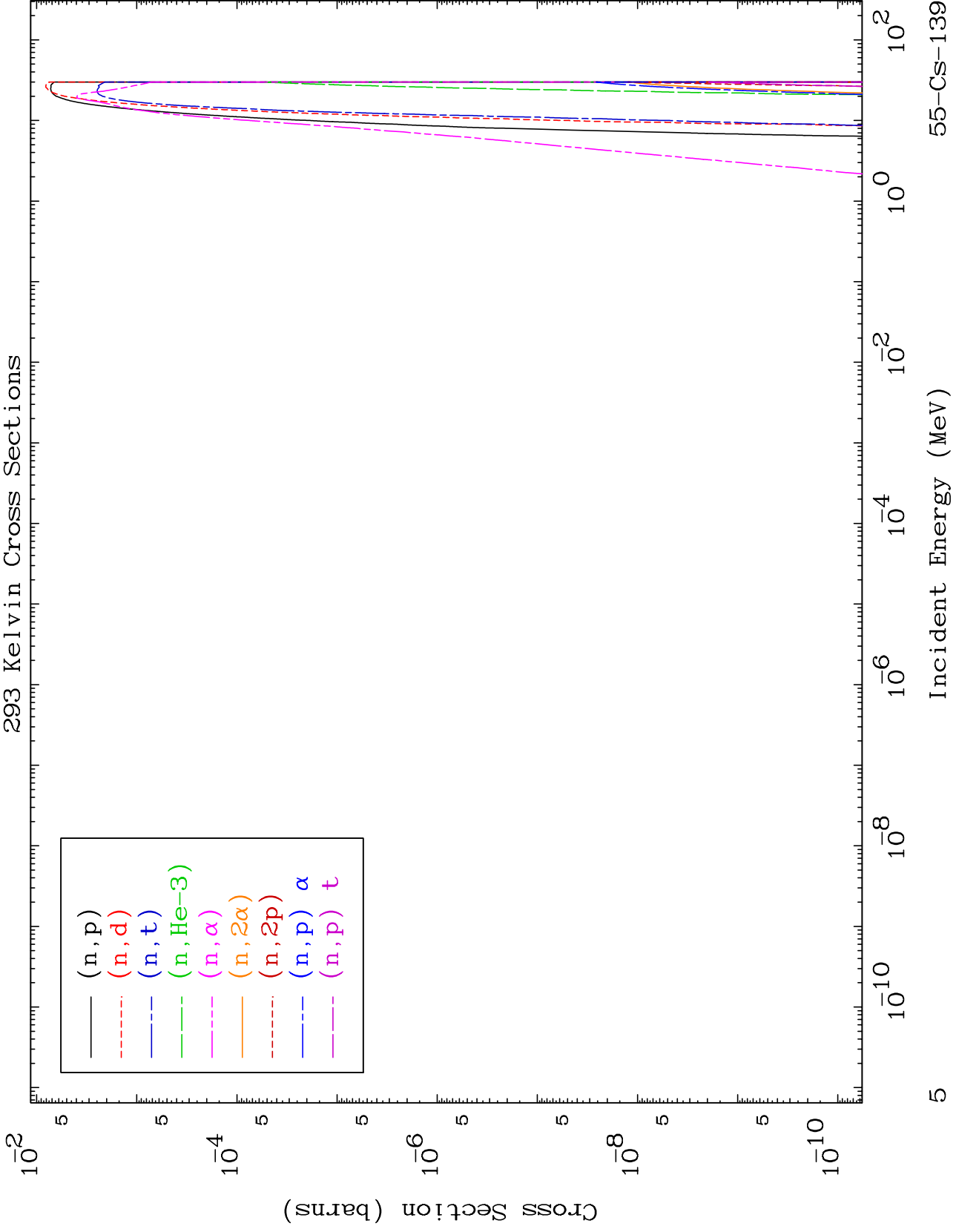
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MAT 5543

Charged Particle
293 Kelvin Cross Sections

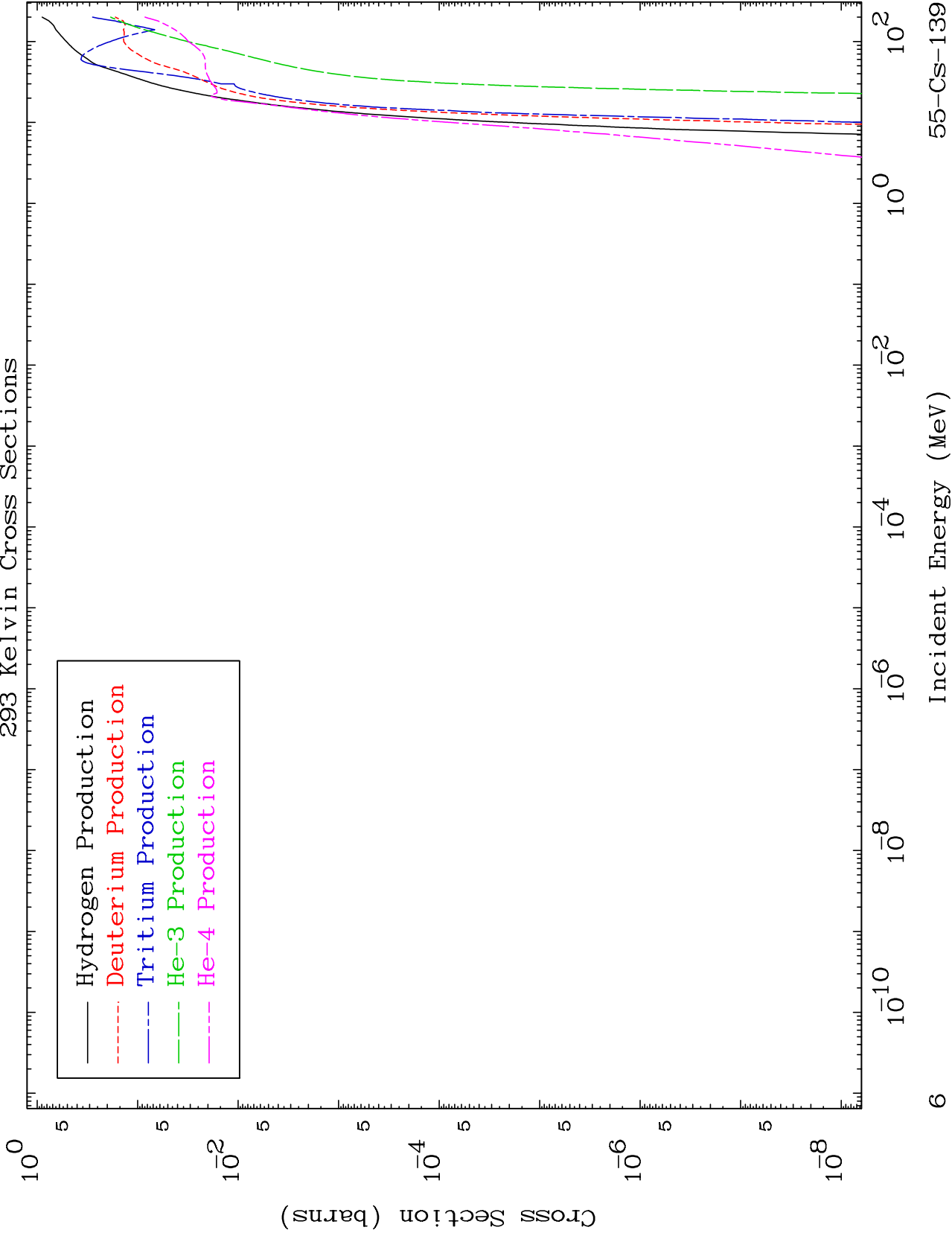
55-Cs-139



MAT 5543

Particle Production
293 Kelvin Cross Sections

55-Cs-139

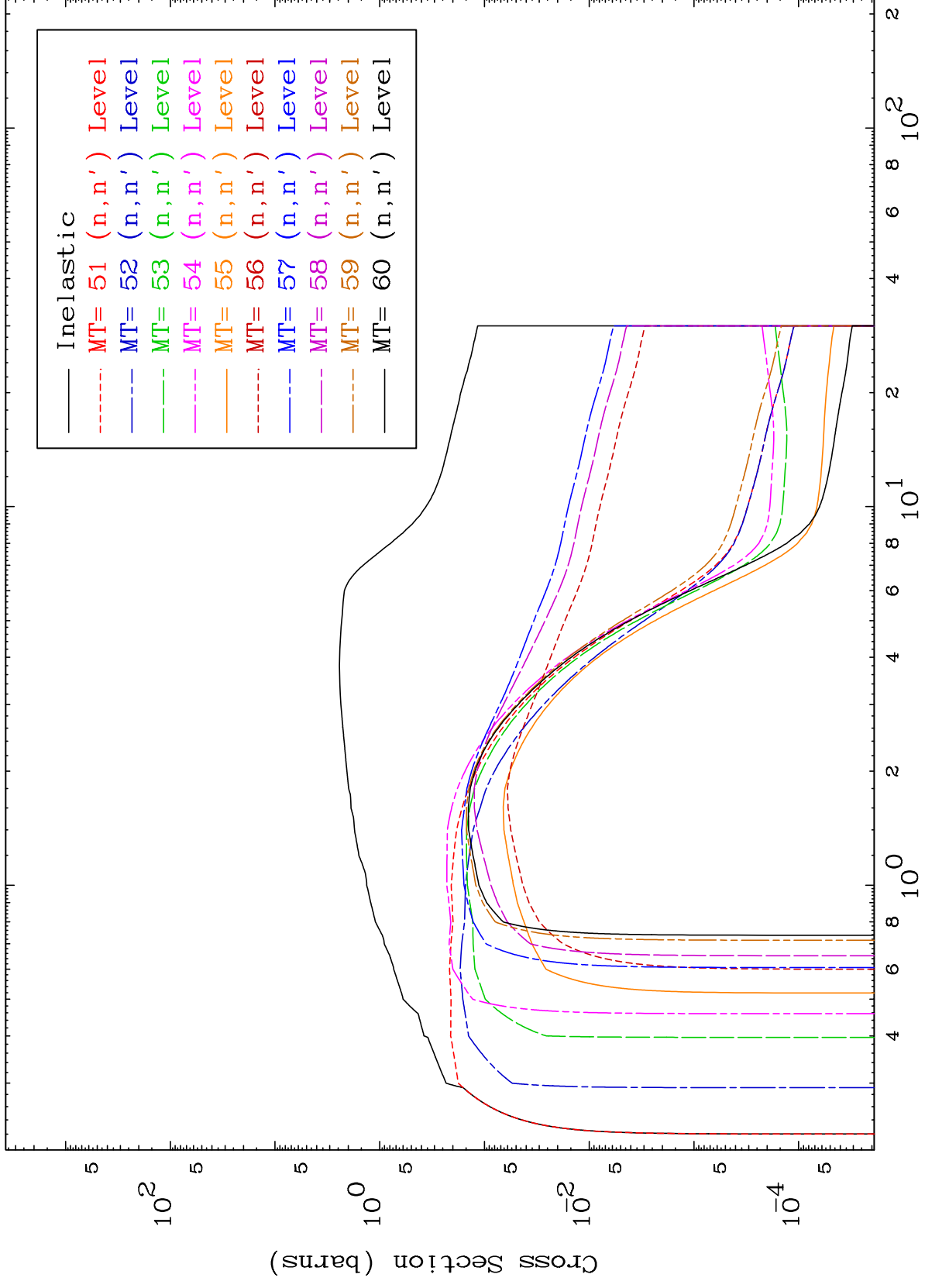


MAT 5543

(n,n') Level

55-Cs-139

293 Kelvin Cross Sections

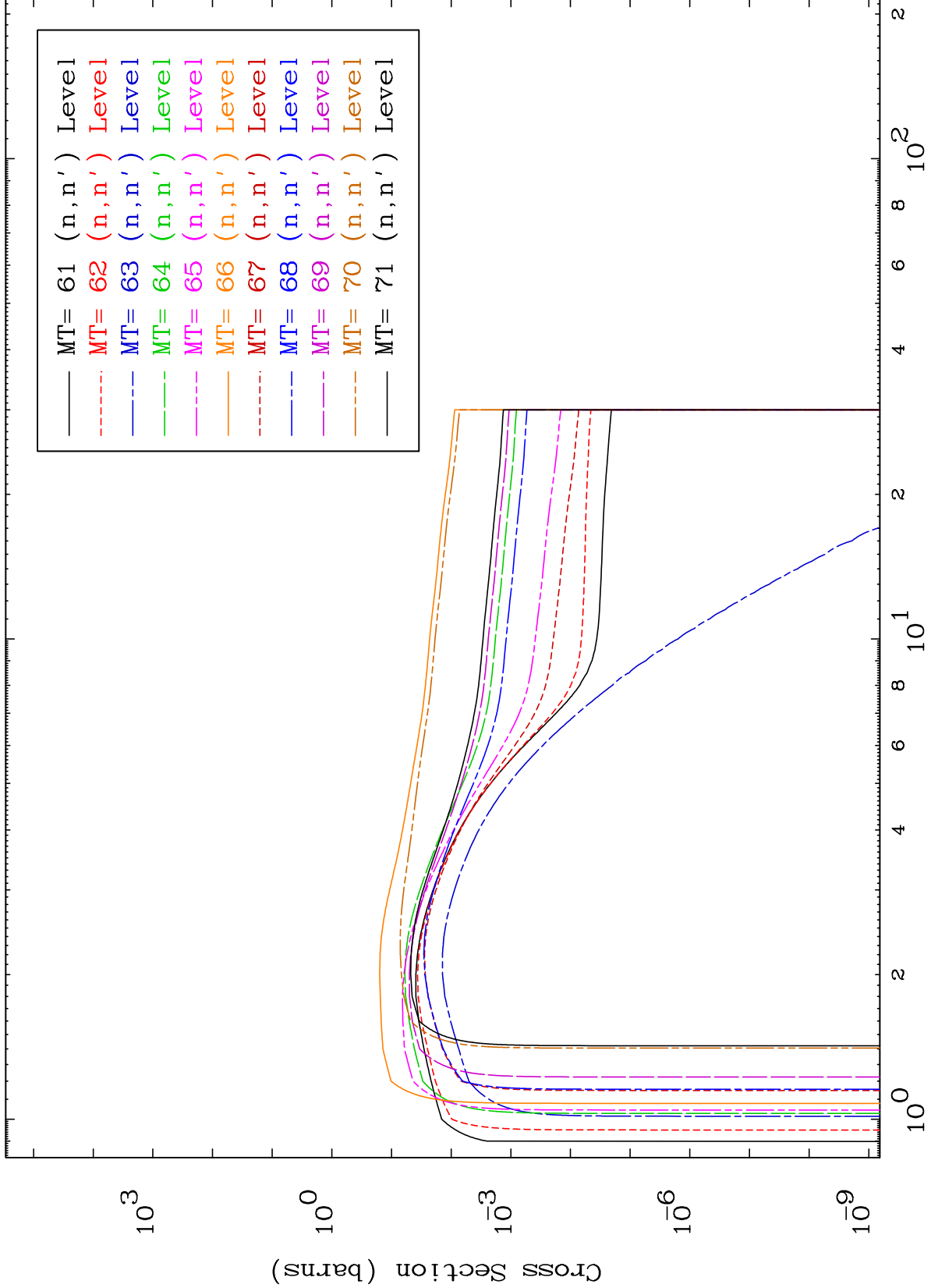


MAT 5543

(n,n') Level

55-Cs-139

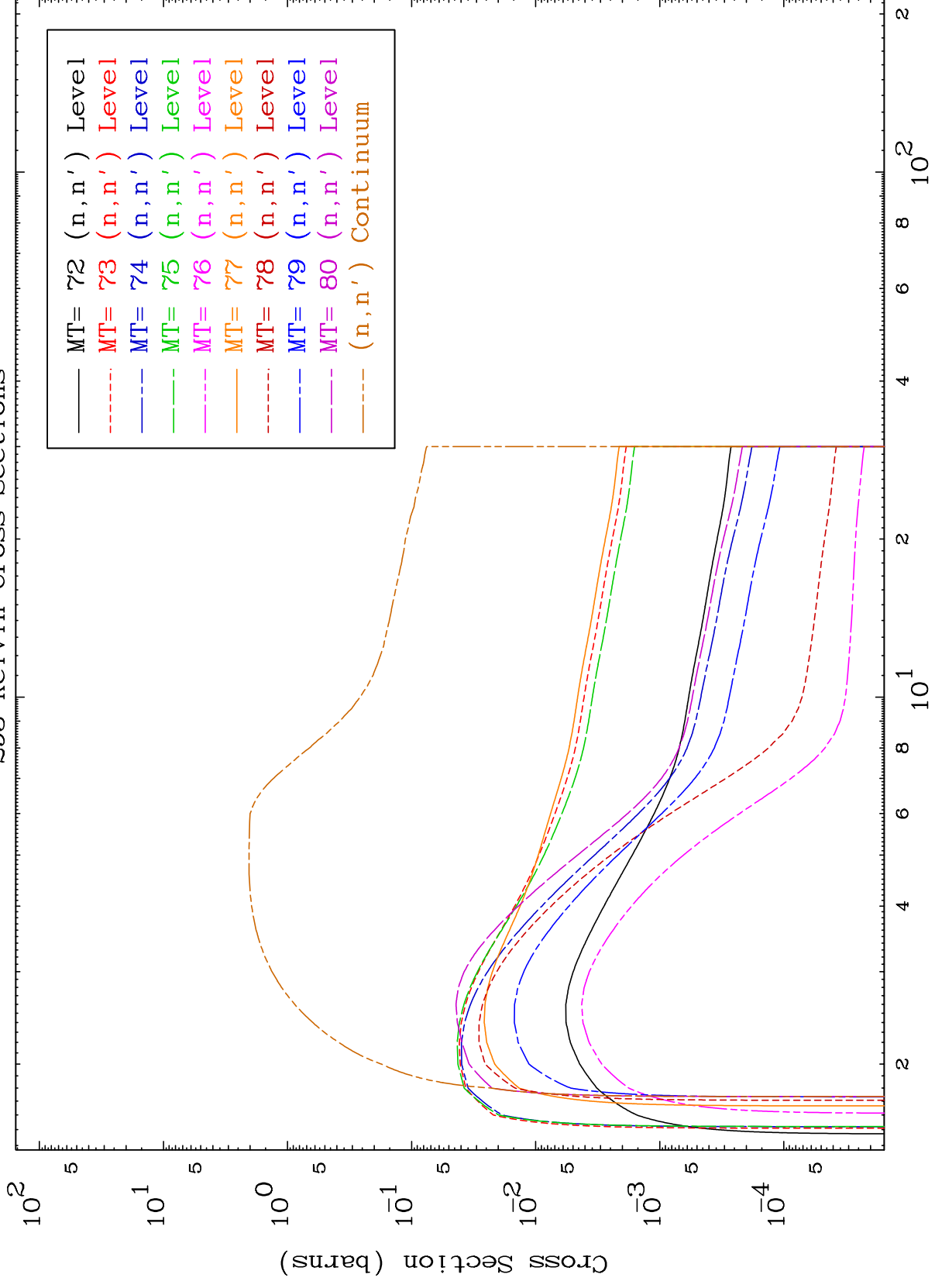
293 Kelvin Cross Sections



Incident Energy (MeV)

55-Cs-139

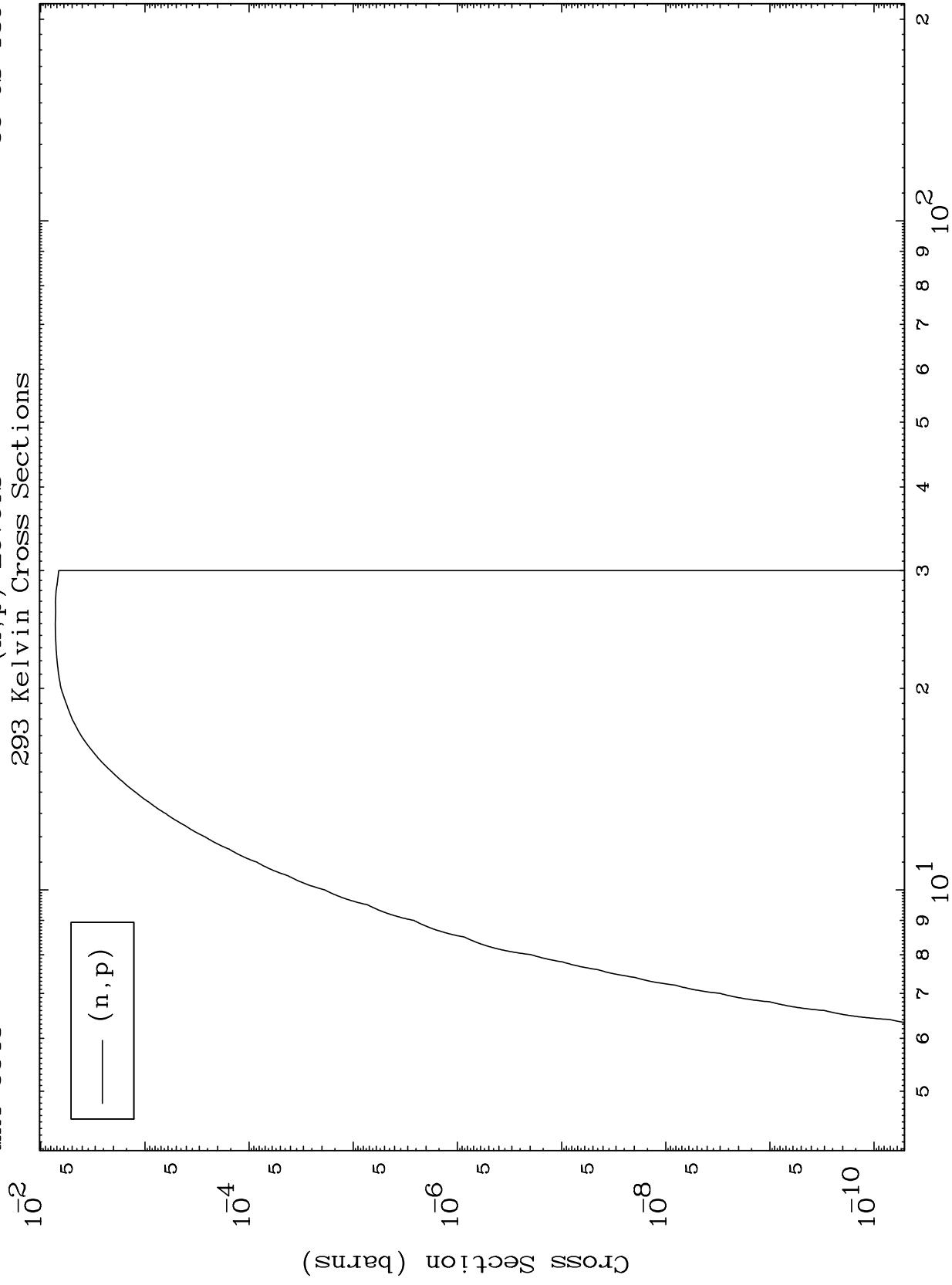
293 Kelvin Cross Sections



MAT 5543

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-139



10

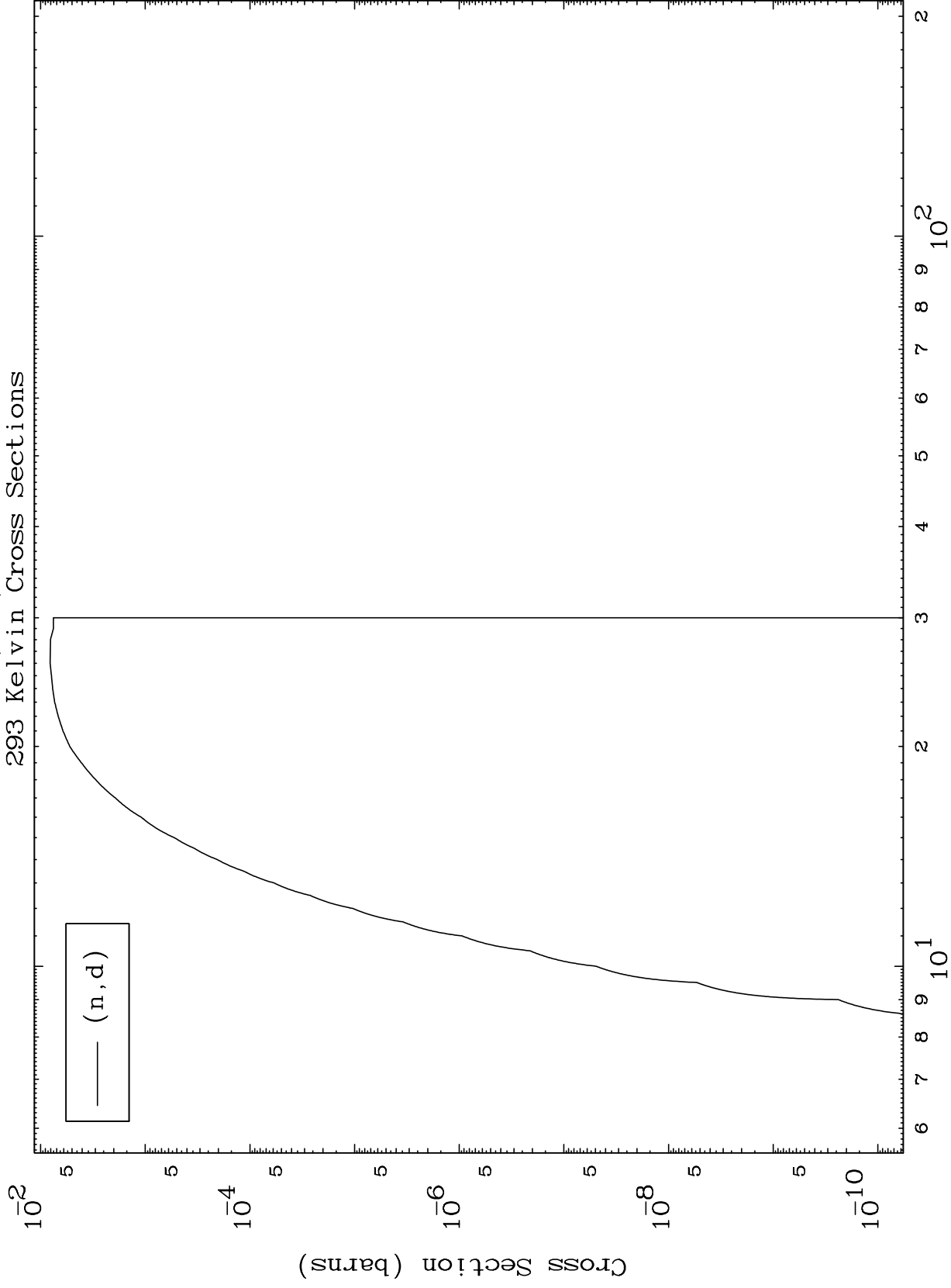
Incident Energy (MeV)

55-Cs-139

MAT 5543

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-139



11

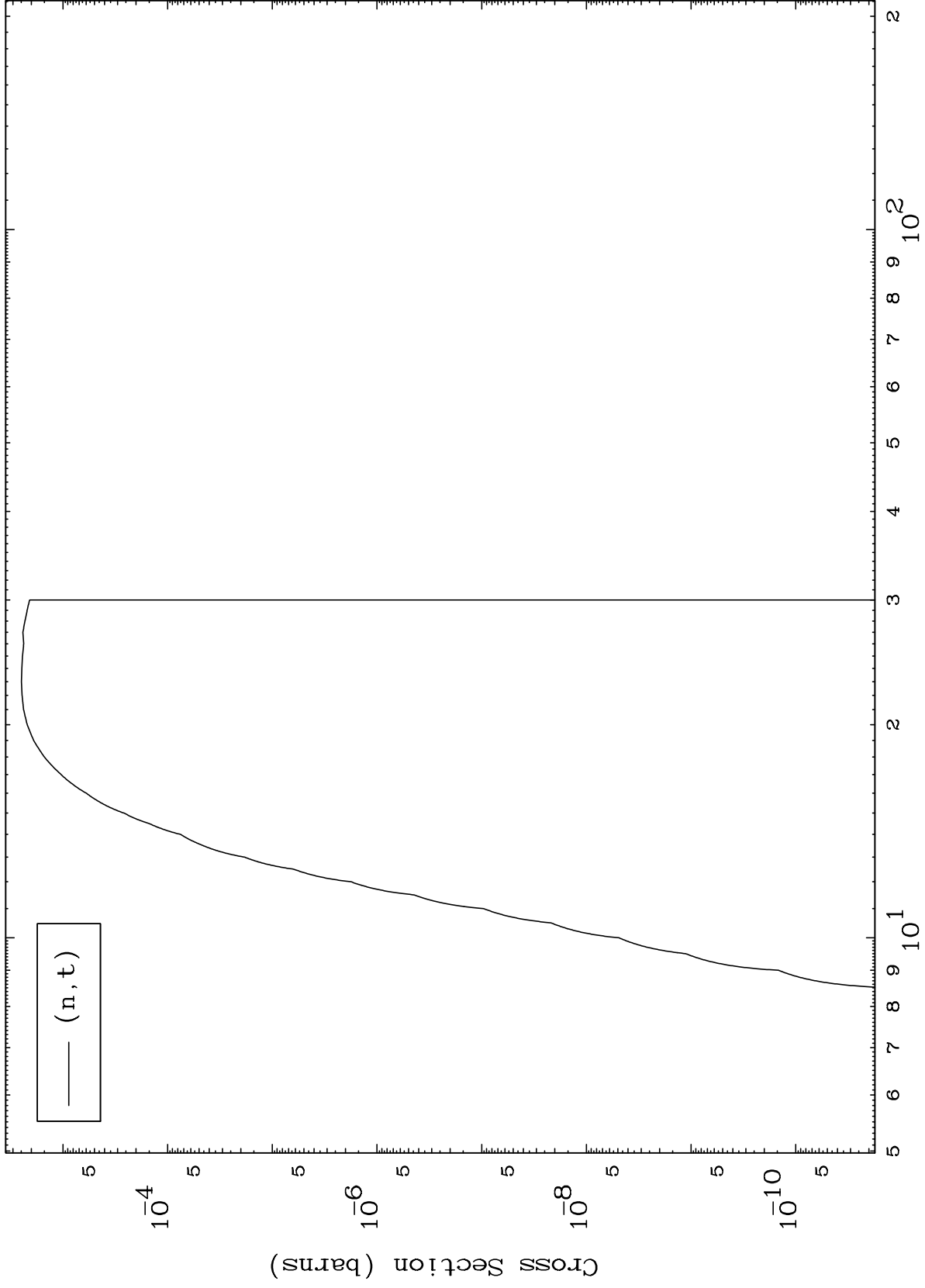
Incident Energy (MeV)

55-Cs-139

MAT 5543

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-139



12

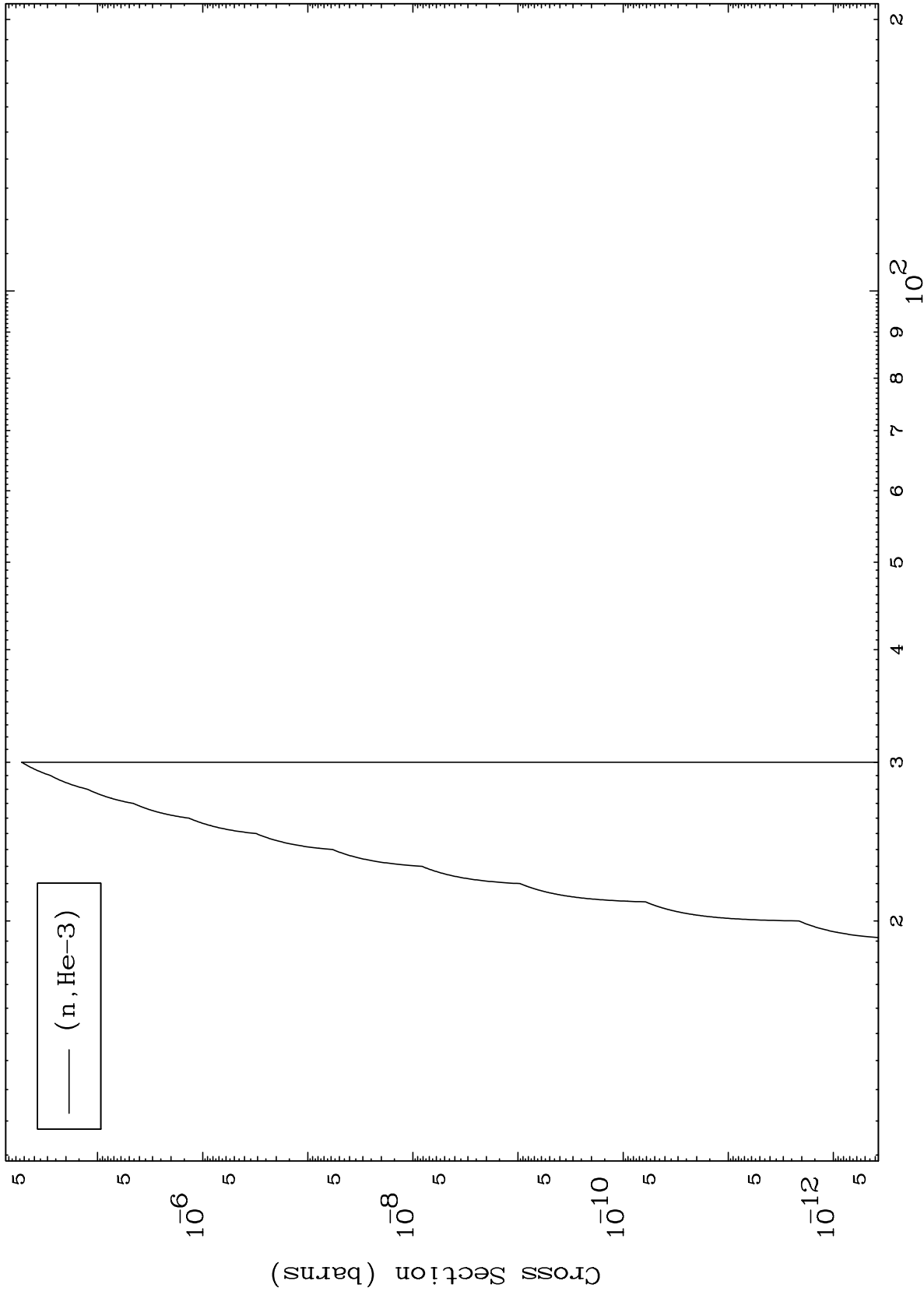
Incident Energy (MeV)

55-Cs-139

MAT 5543

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-139



13

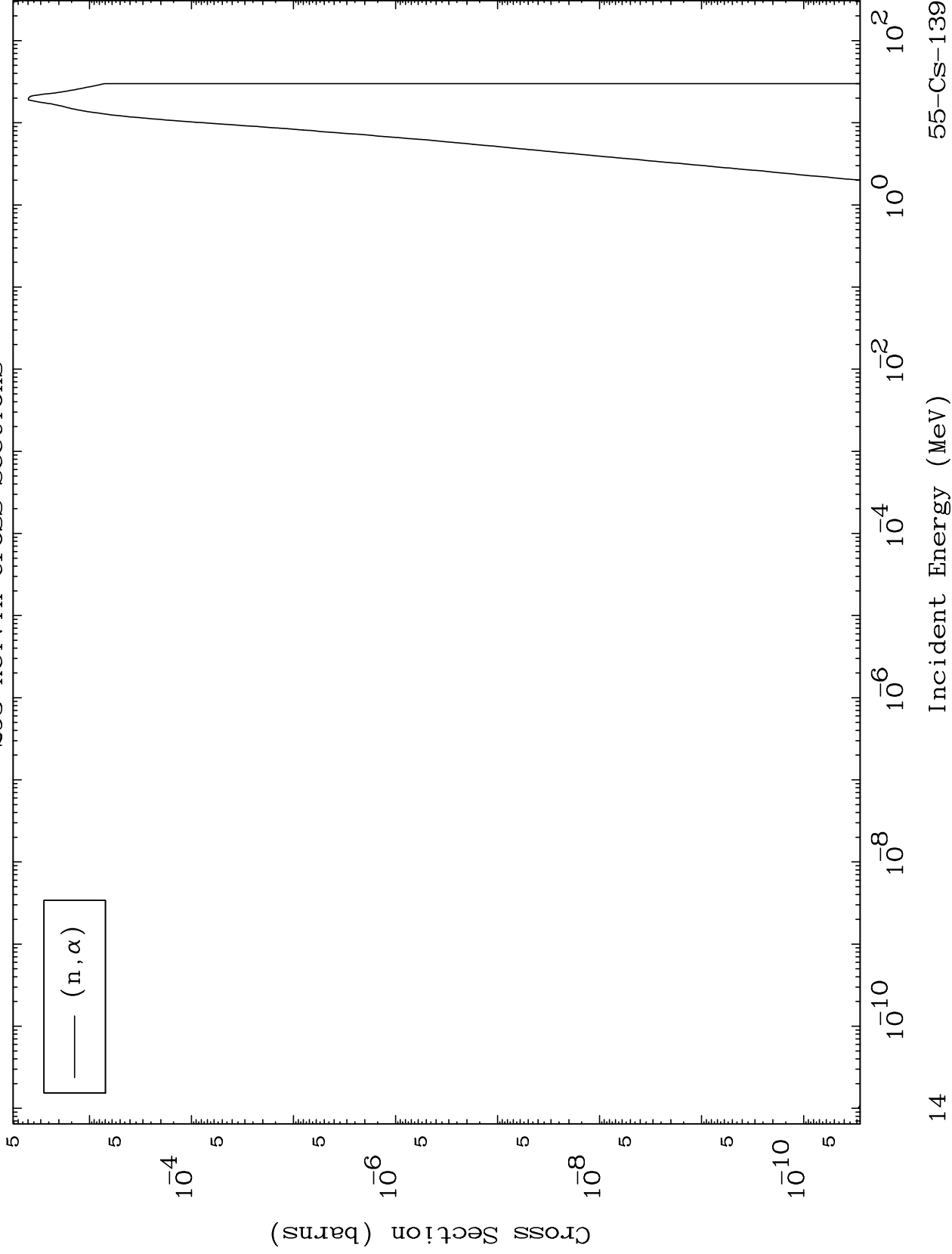
Incident Energy (MeV)

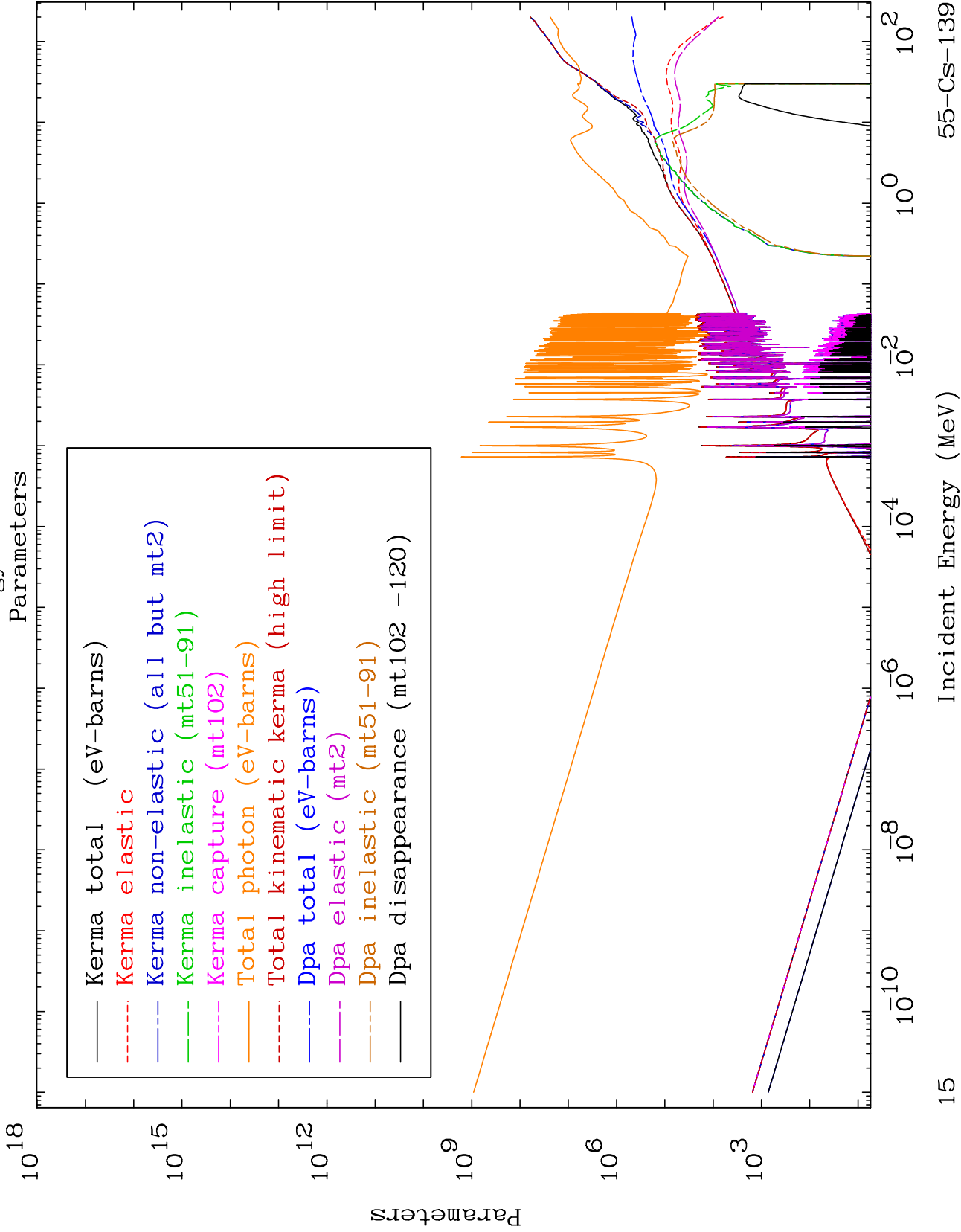
55-Cs-139

MAT 5543

(n, α) Levels
293 Kelvin Cross Sections

55-Cs-139

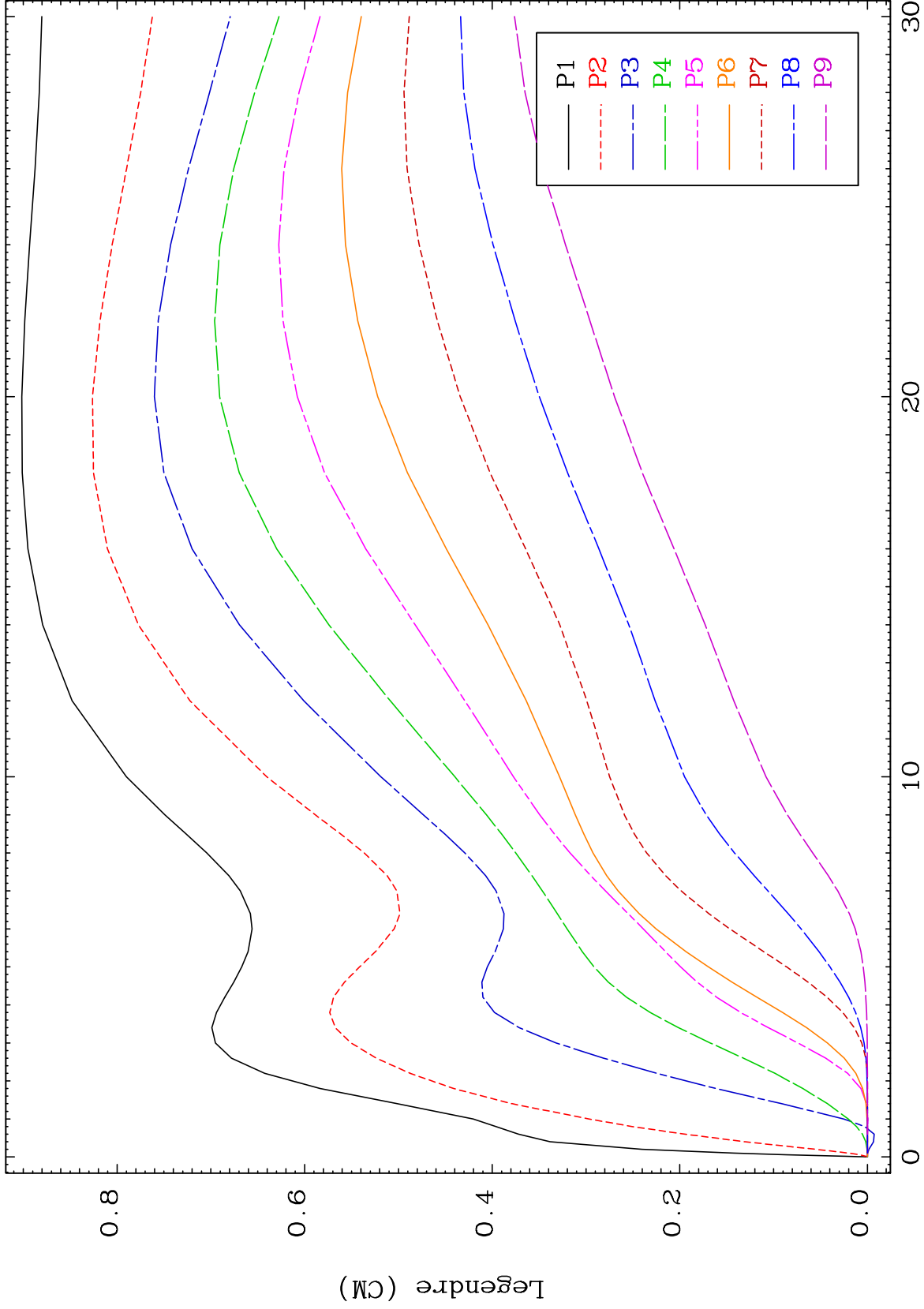




MAT 5543

Elastic Legendre Coefficients

55-Cs-139



16

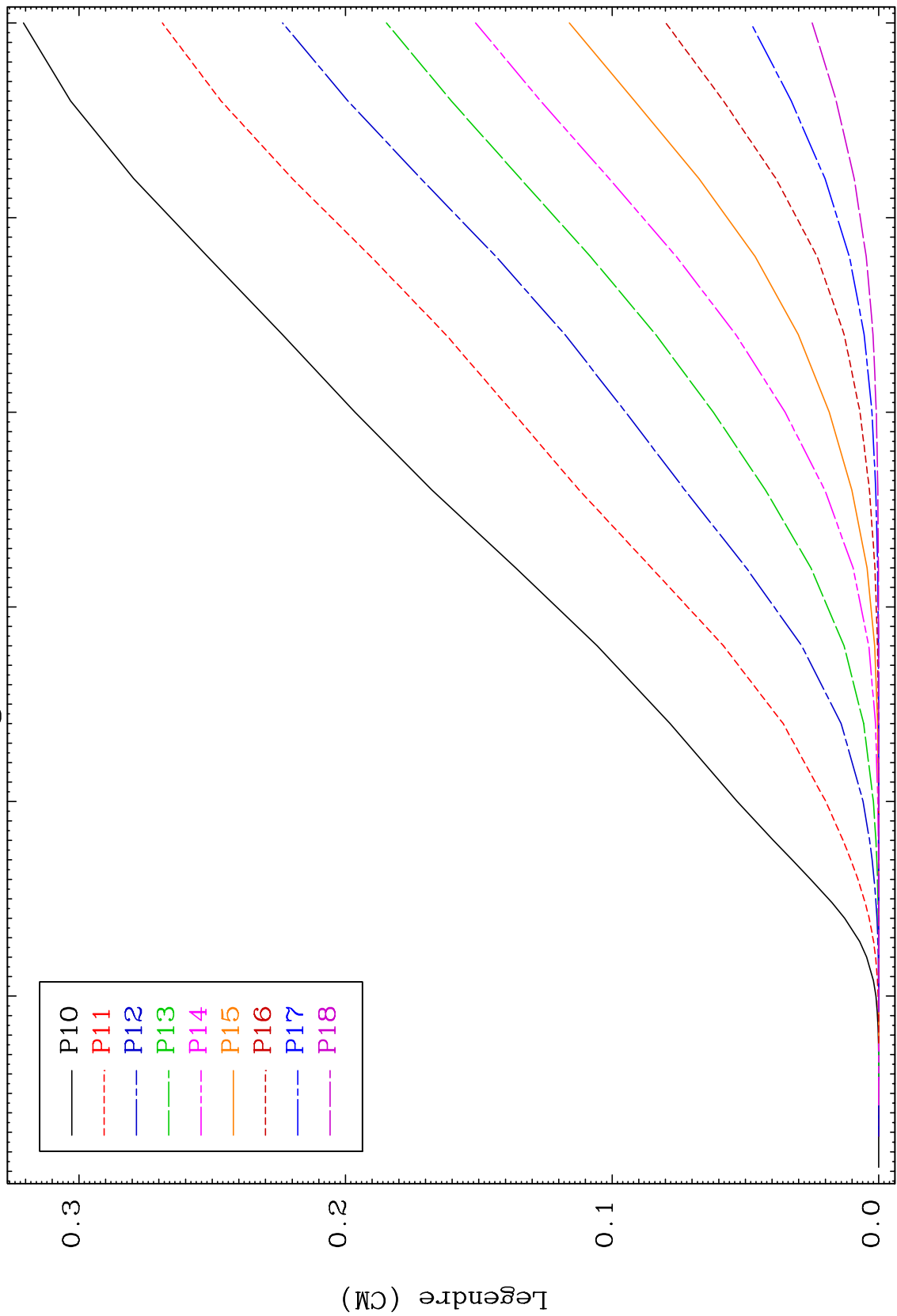
Incident Energy (MeV)

55-Cs-139

MAT 5543

Elastic Legendre Coefficients

55-Cs-139



17

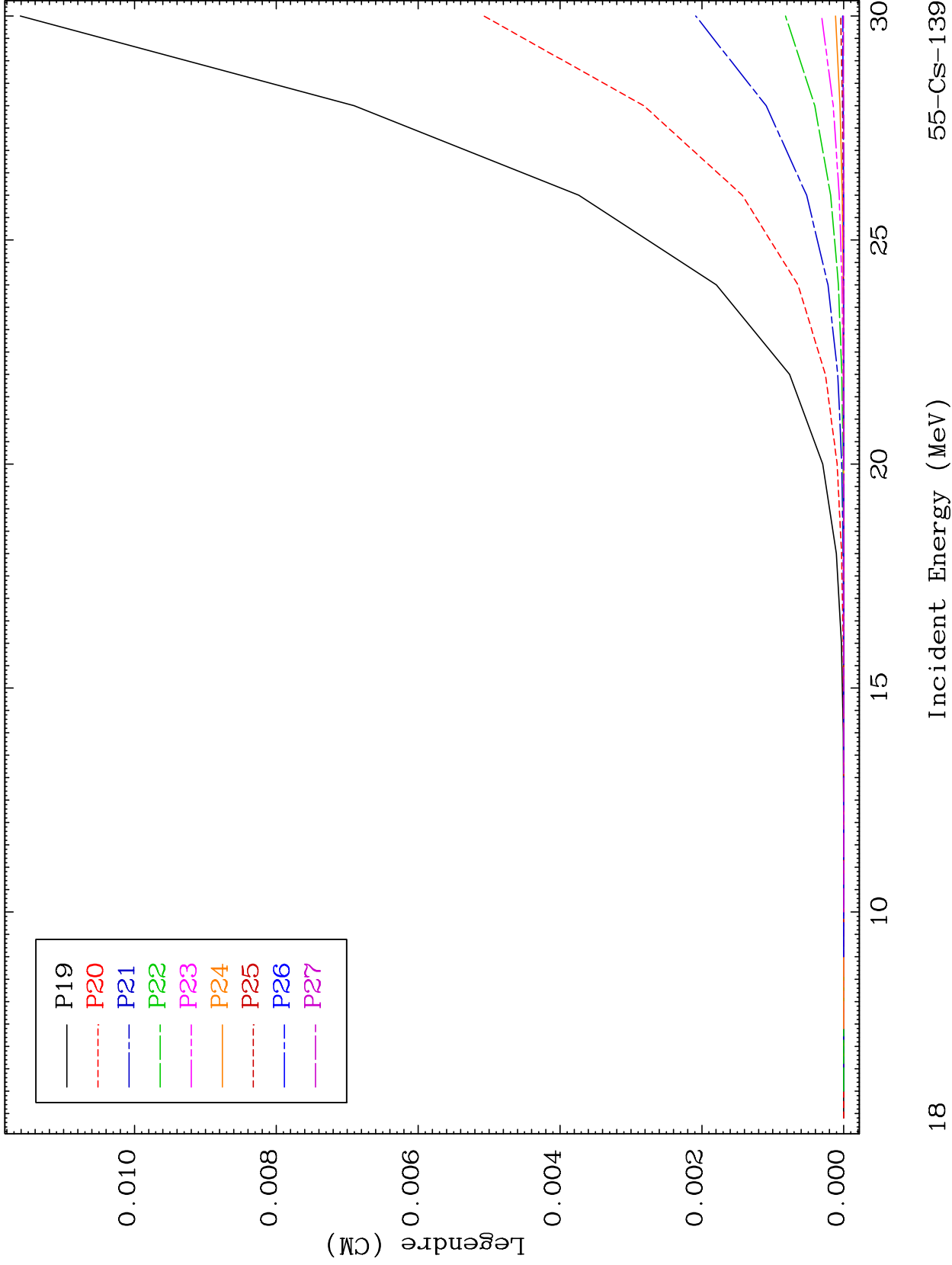
Incident Energy (MeV)

55-Cs-139

MAT 5543

Elastic Legendre Coefficients

55-Cs-139



18

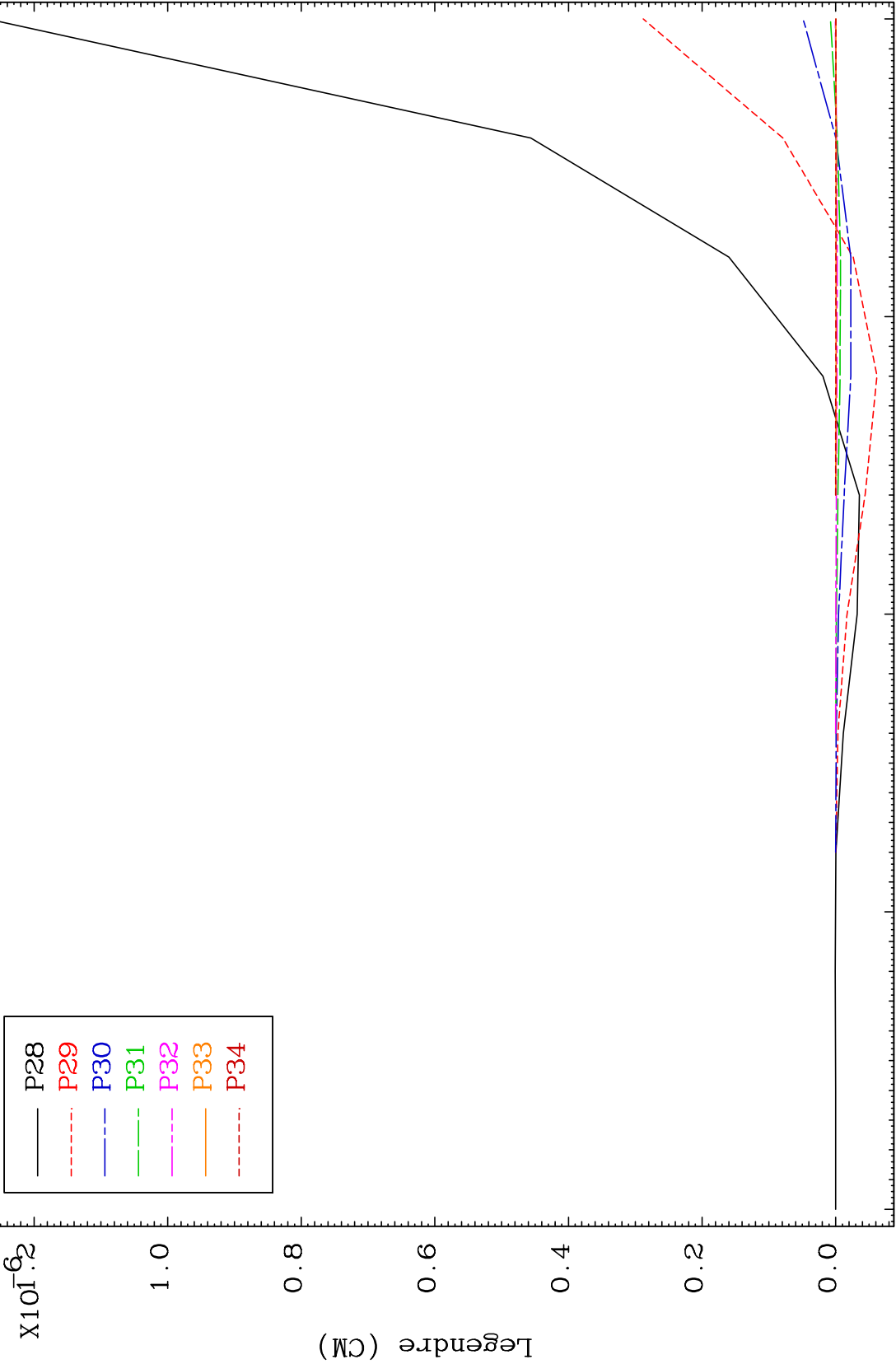
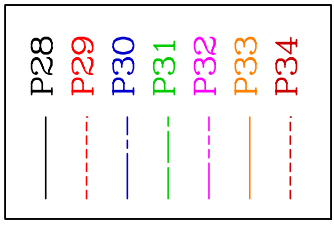
Incident Energy (MeV)

55-Cs-139

MAT 5543

Elastic Legendre Coefficients

55-Cs-139



19

Incident Energy (MeV)

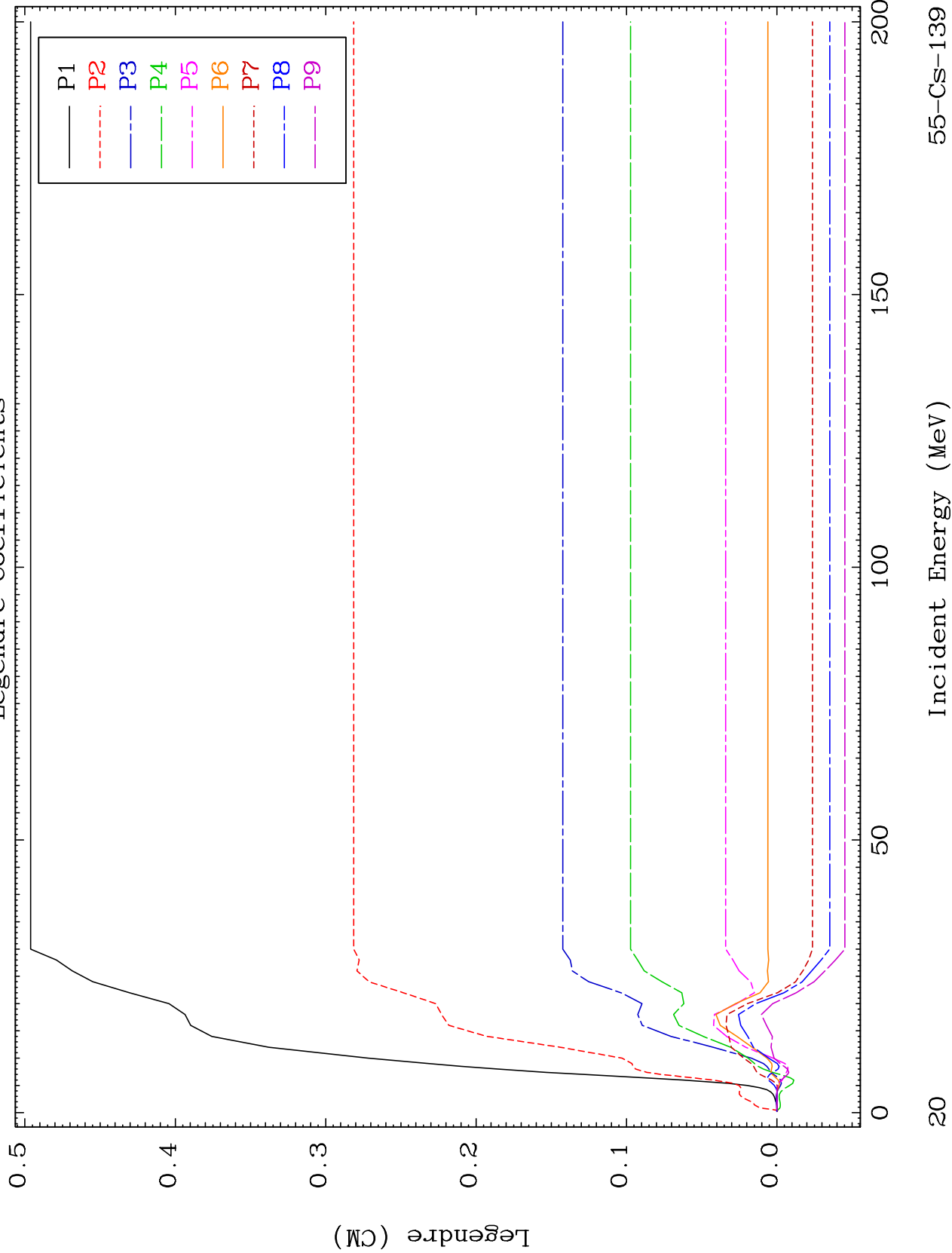
55-Cs-139

MAT 5543

MT= 51 (n,n') Level

55-Cs-139

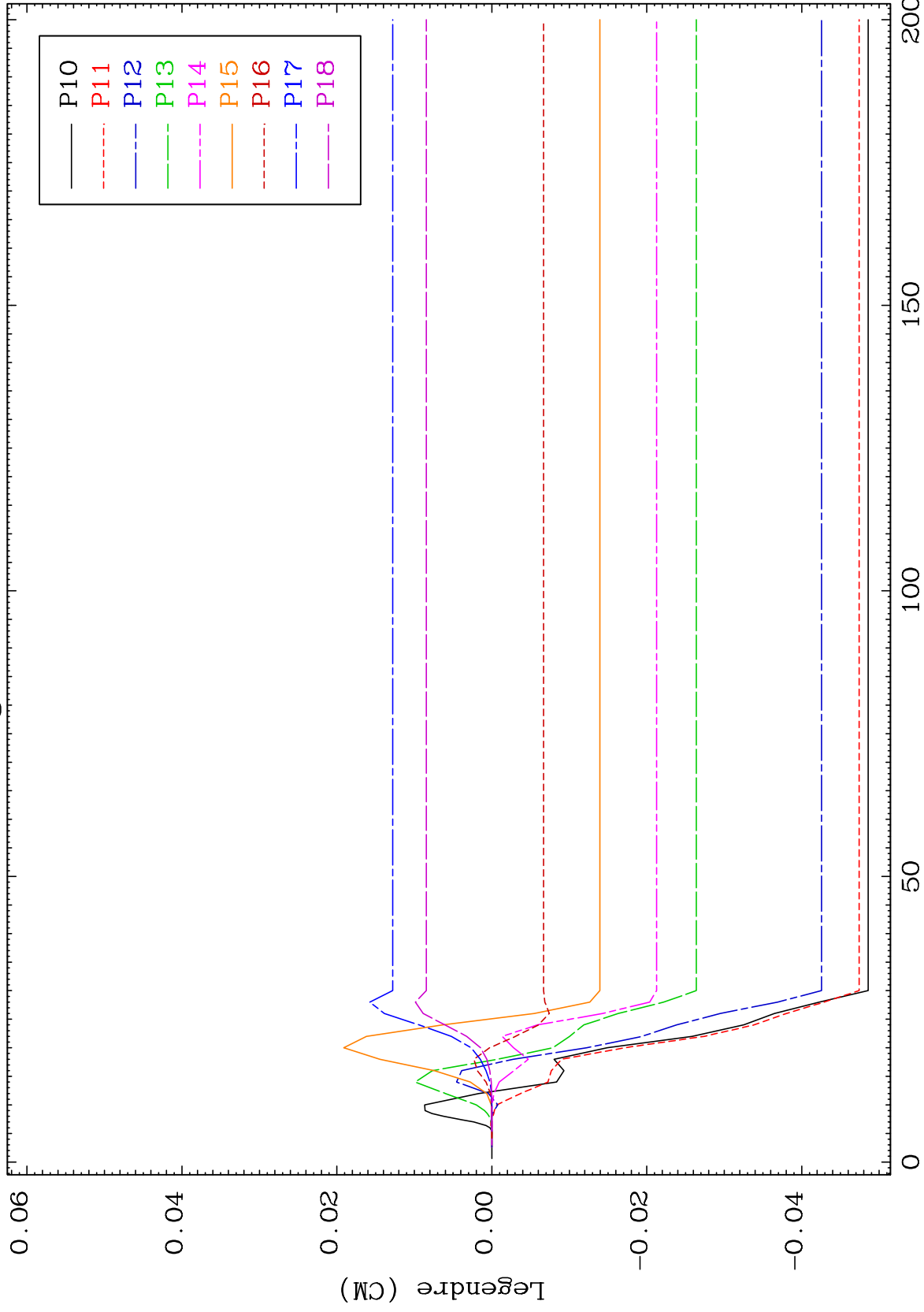
Legendre Coefficients



MAT 5543

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

55-Cs-139



21

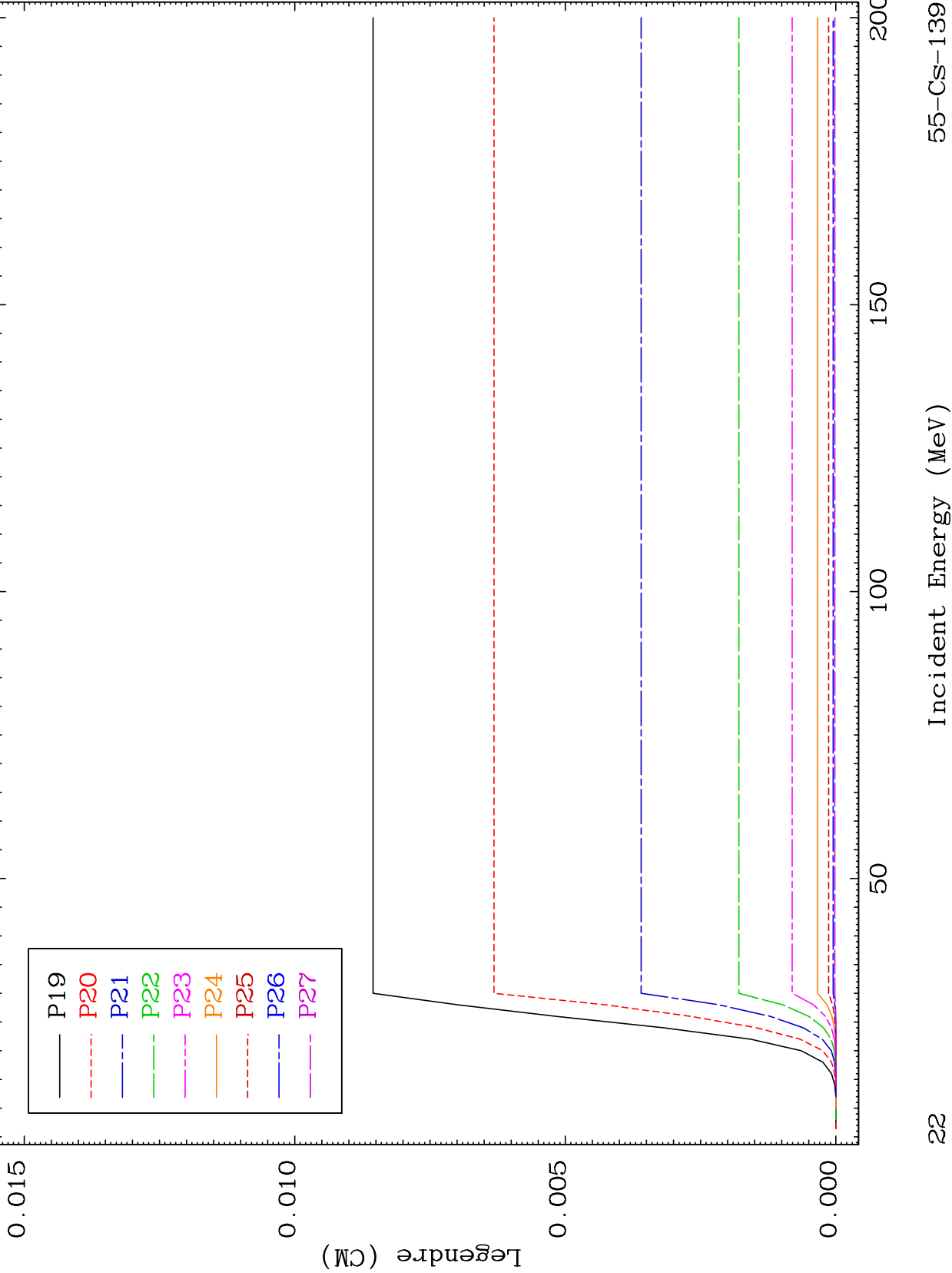
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

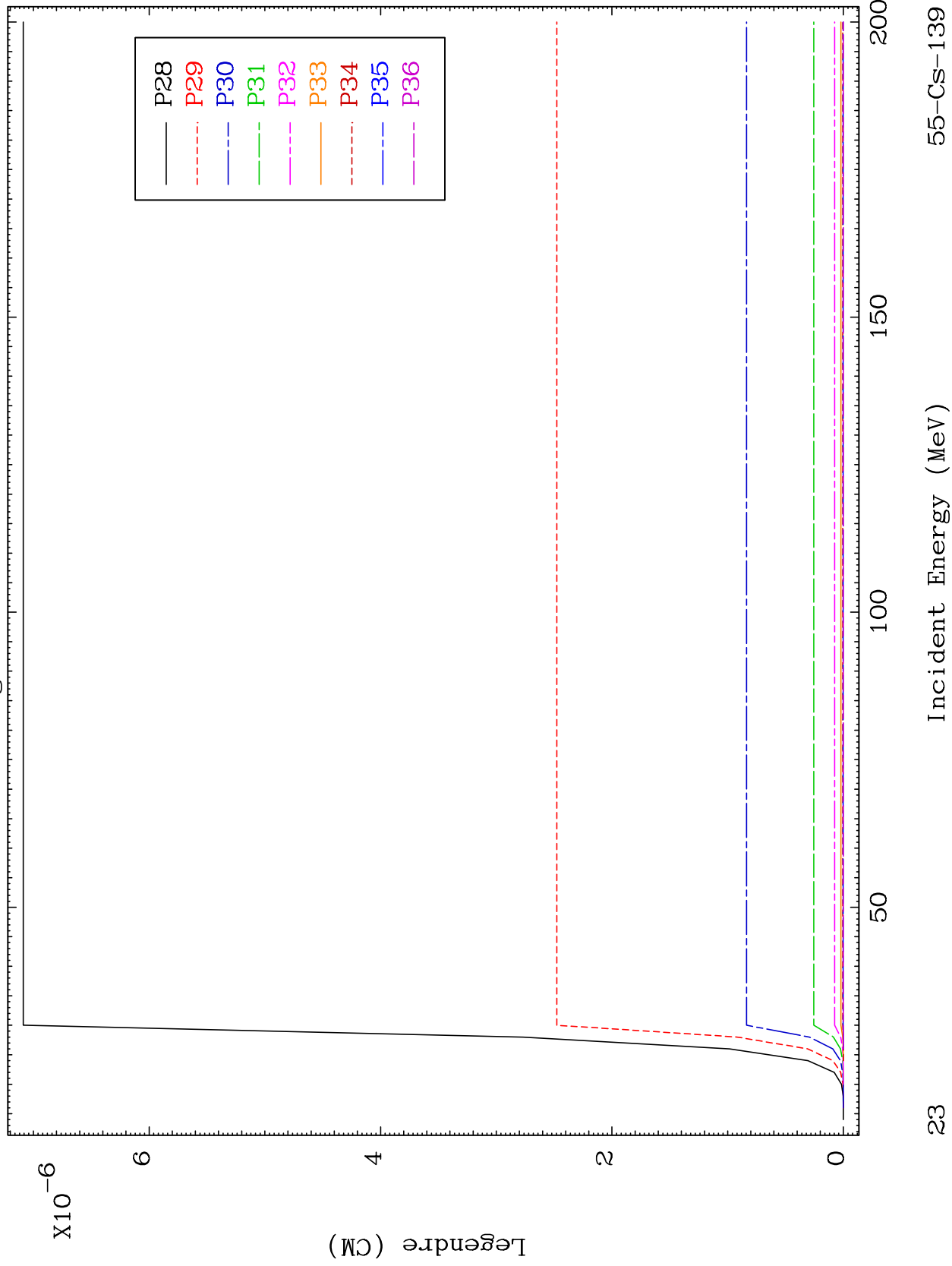
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MAT 5543

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

55-Cs-139

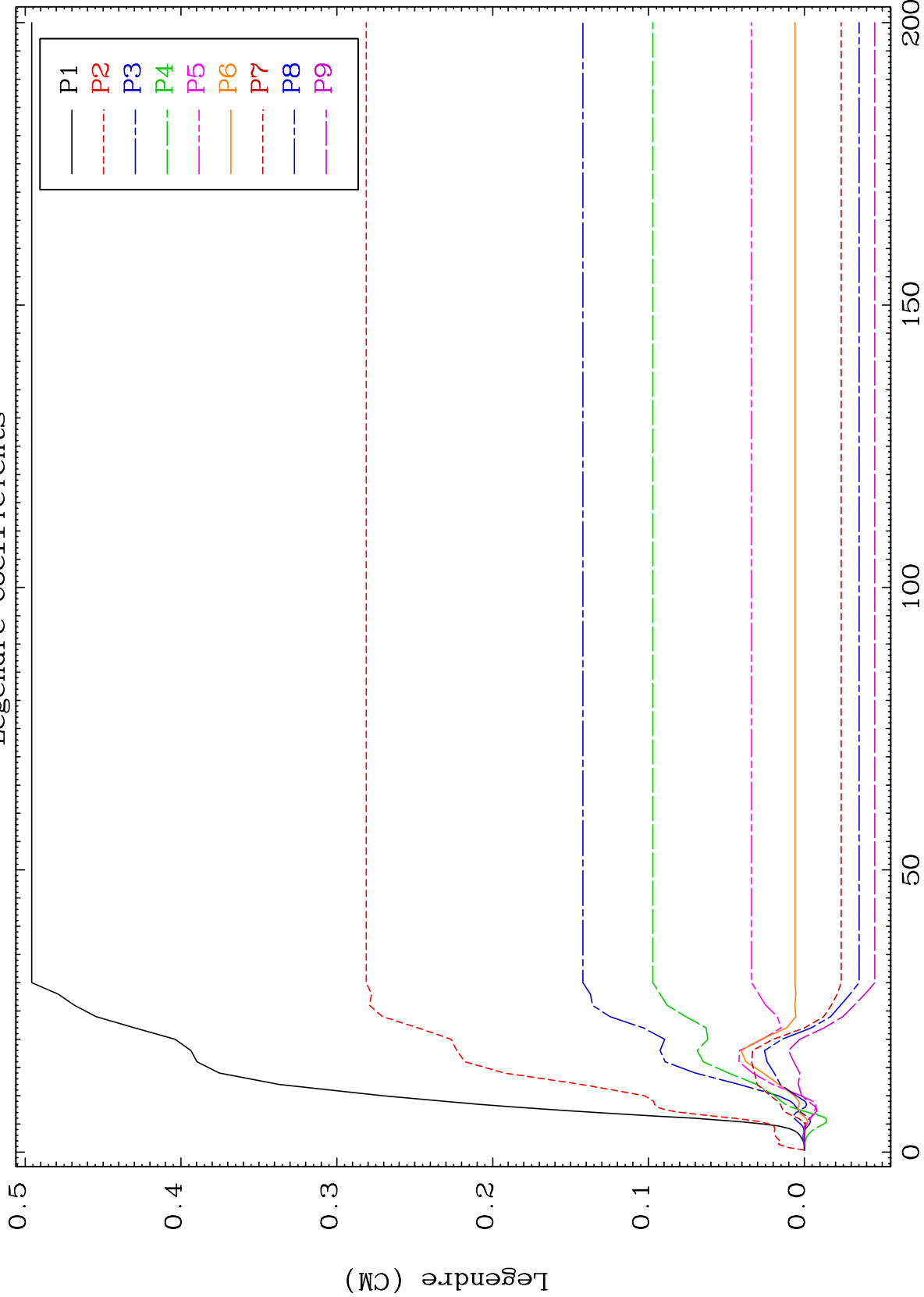


MAT 5543

MT= 52 (n,n') Level

55-Cs-139

Legendre Coefficients



24

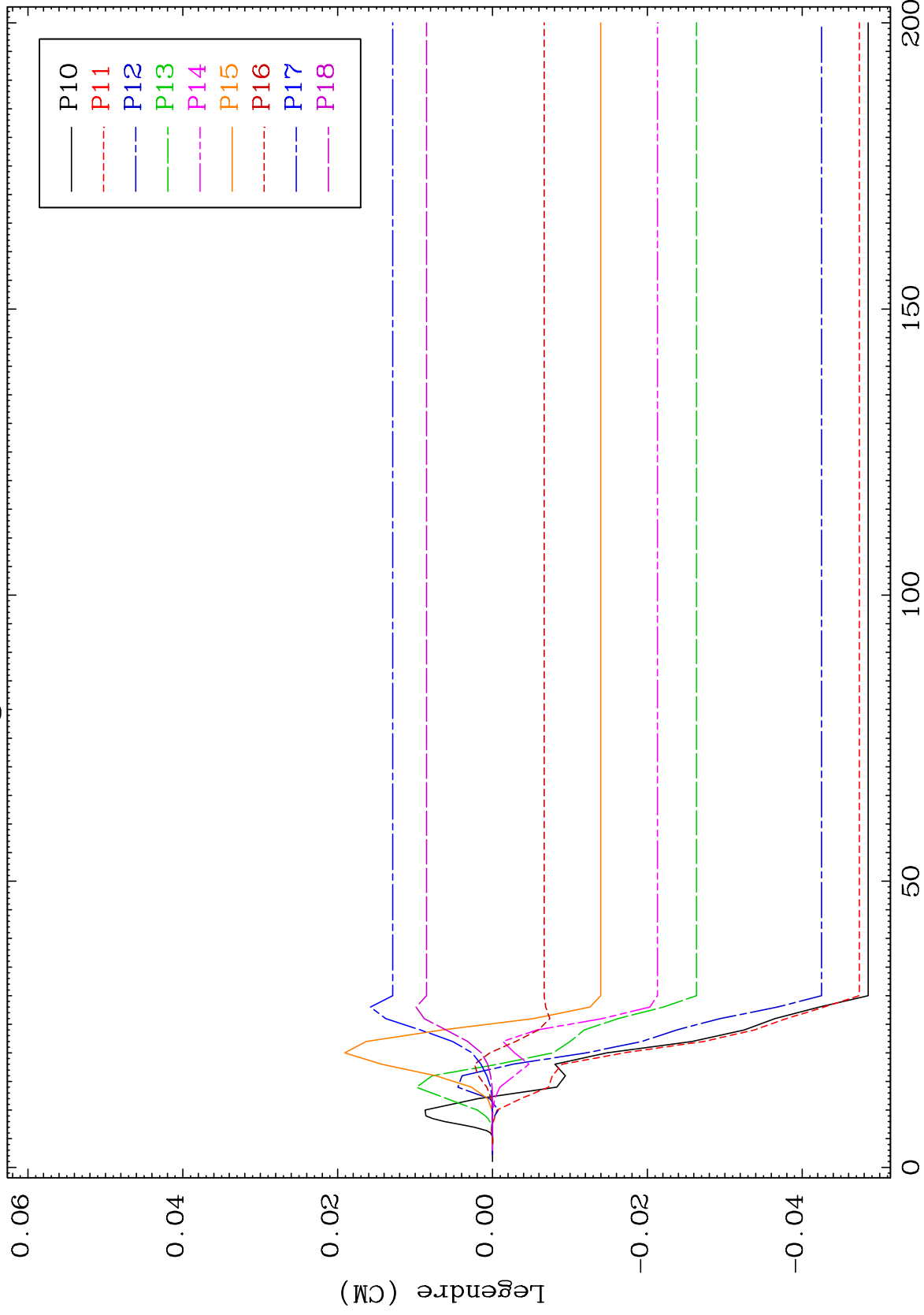
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



25

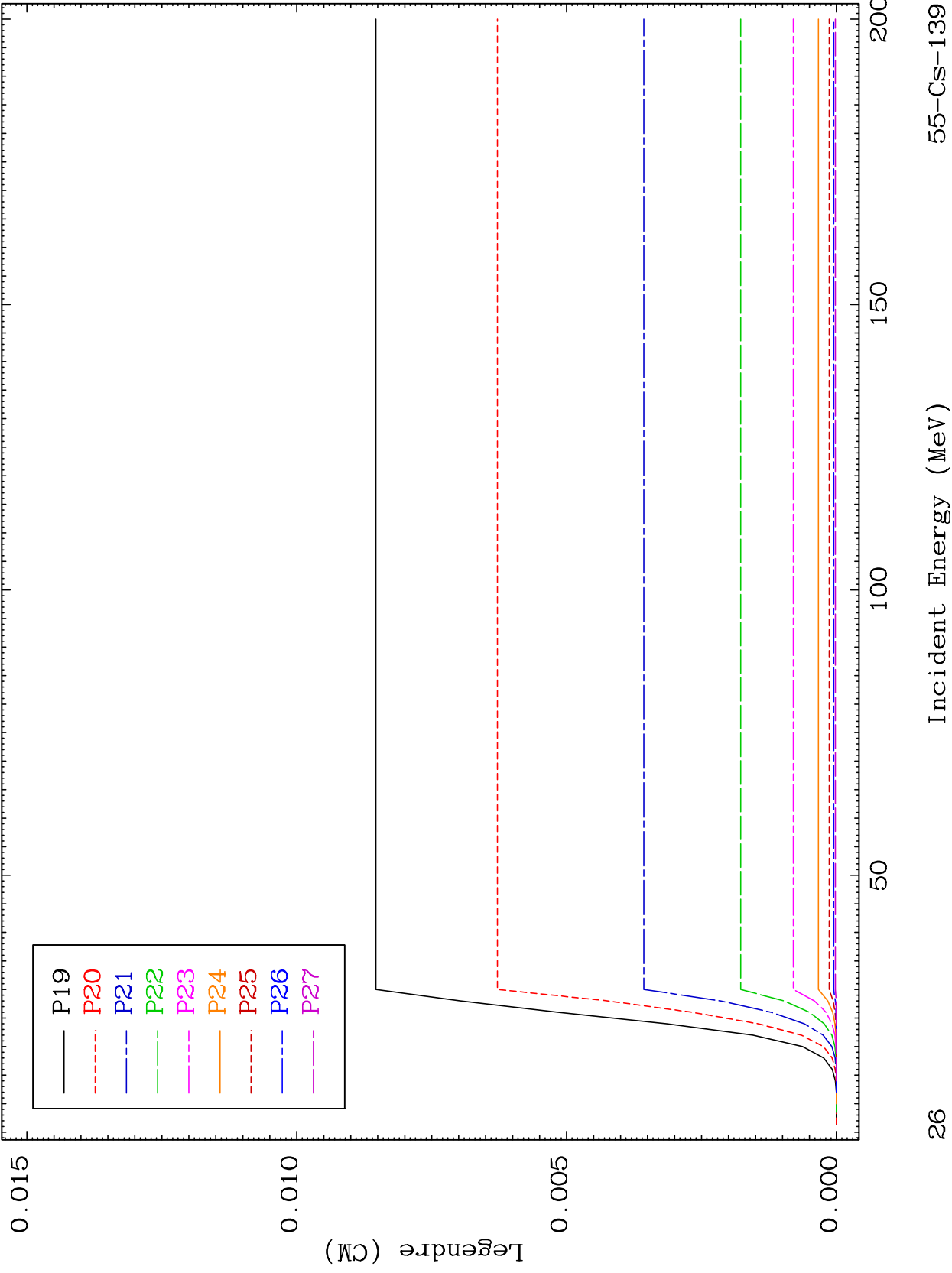
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



26

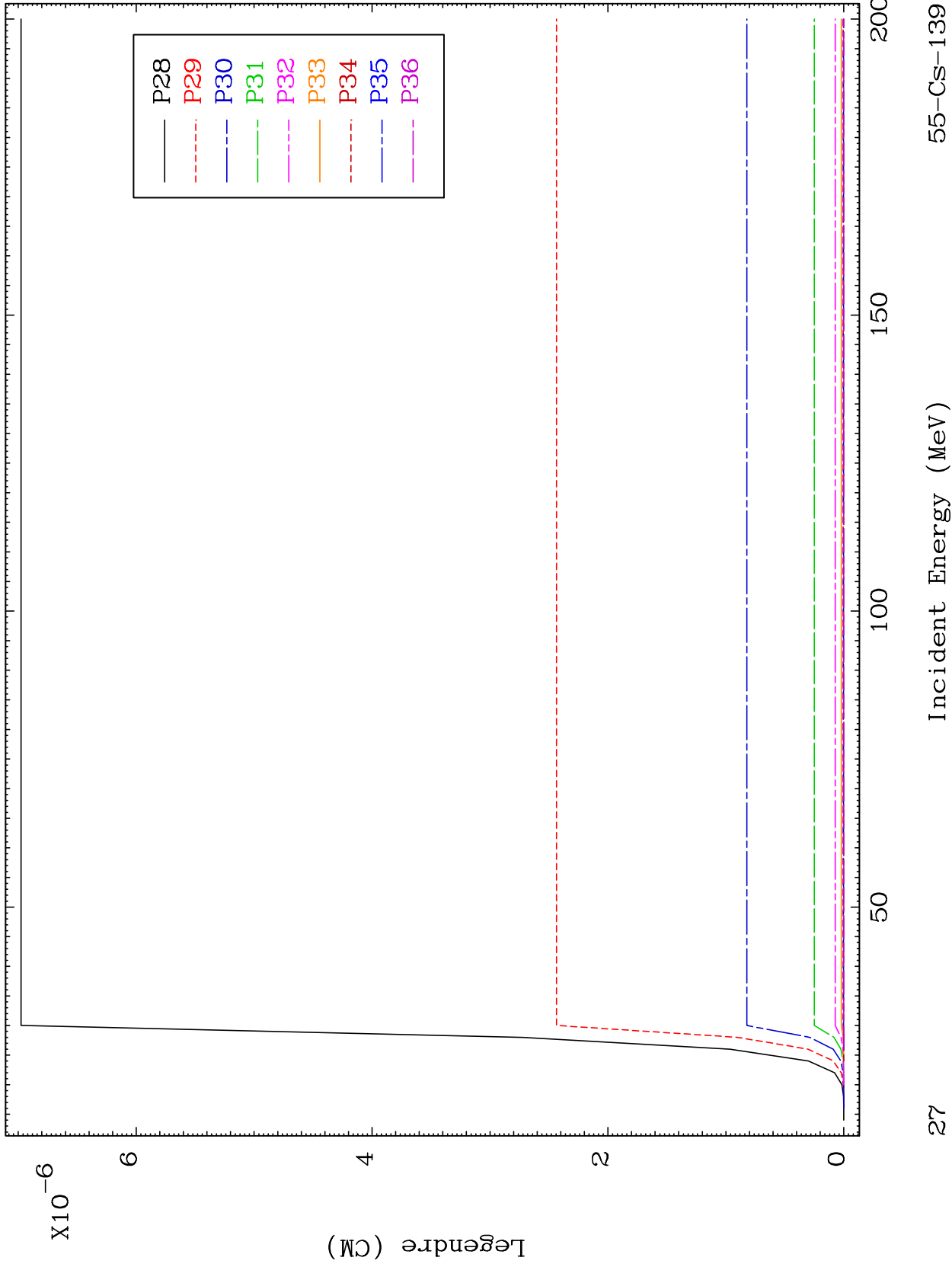
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

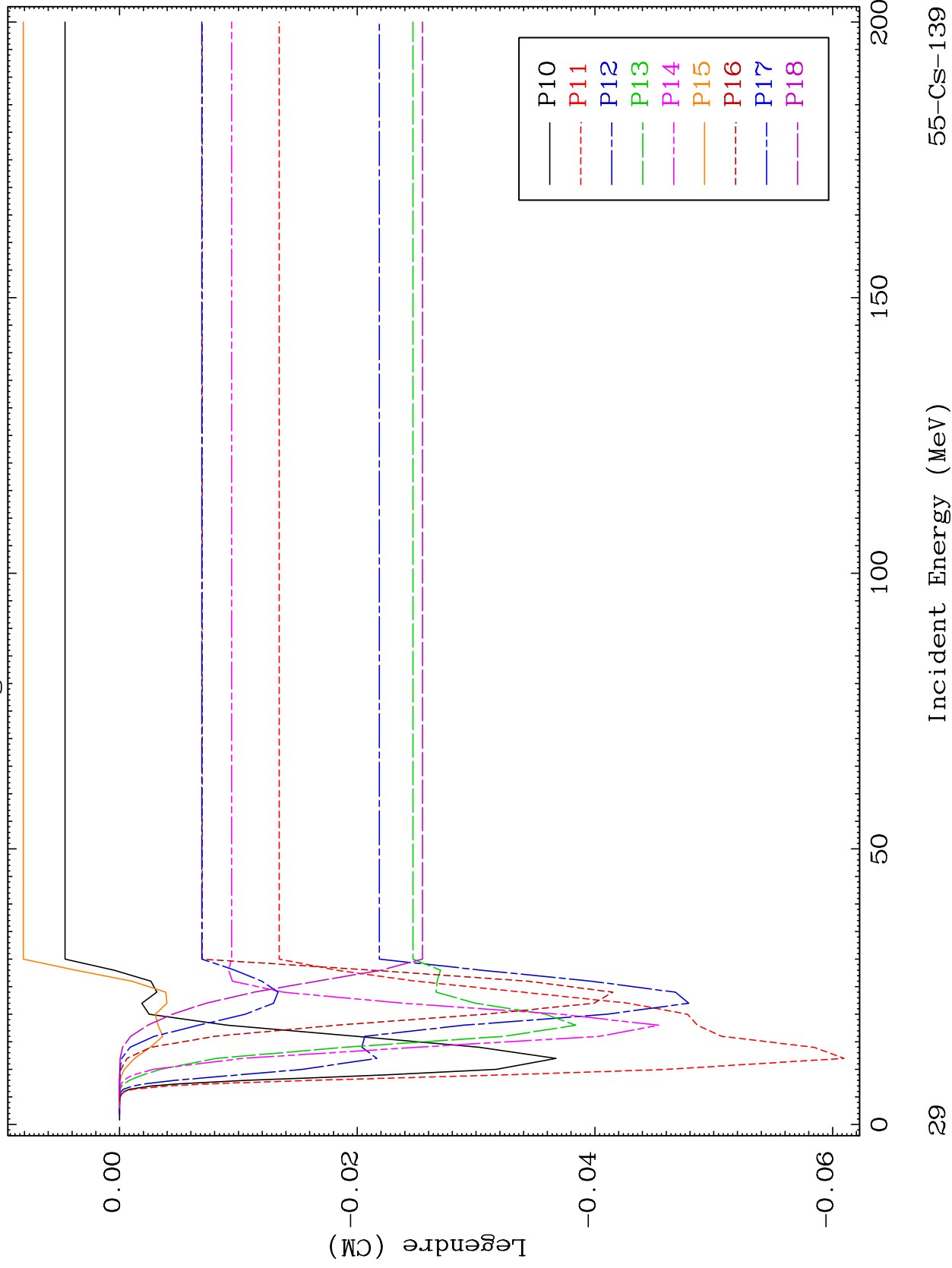
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MAT 5543

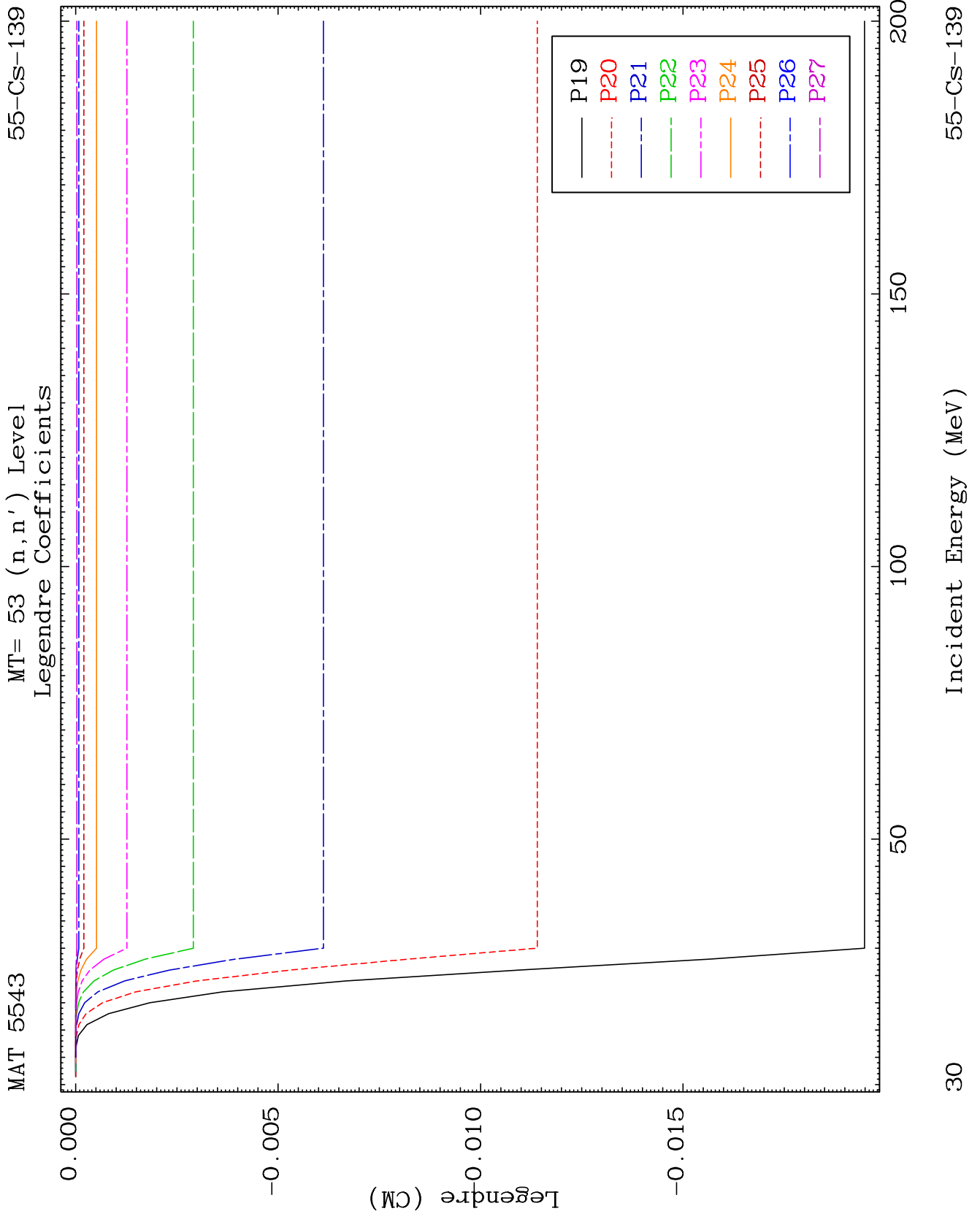
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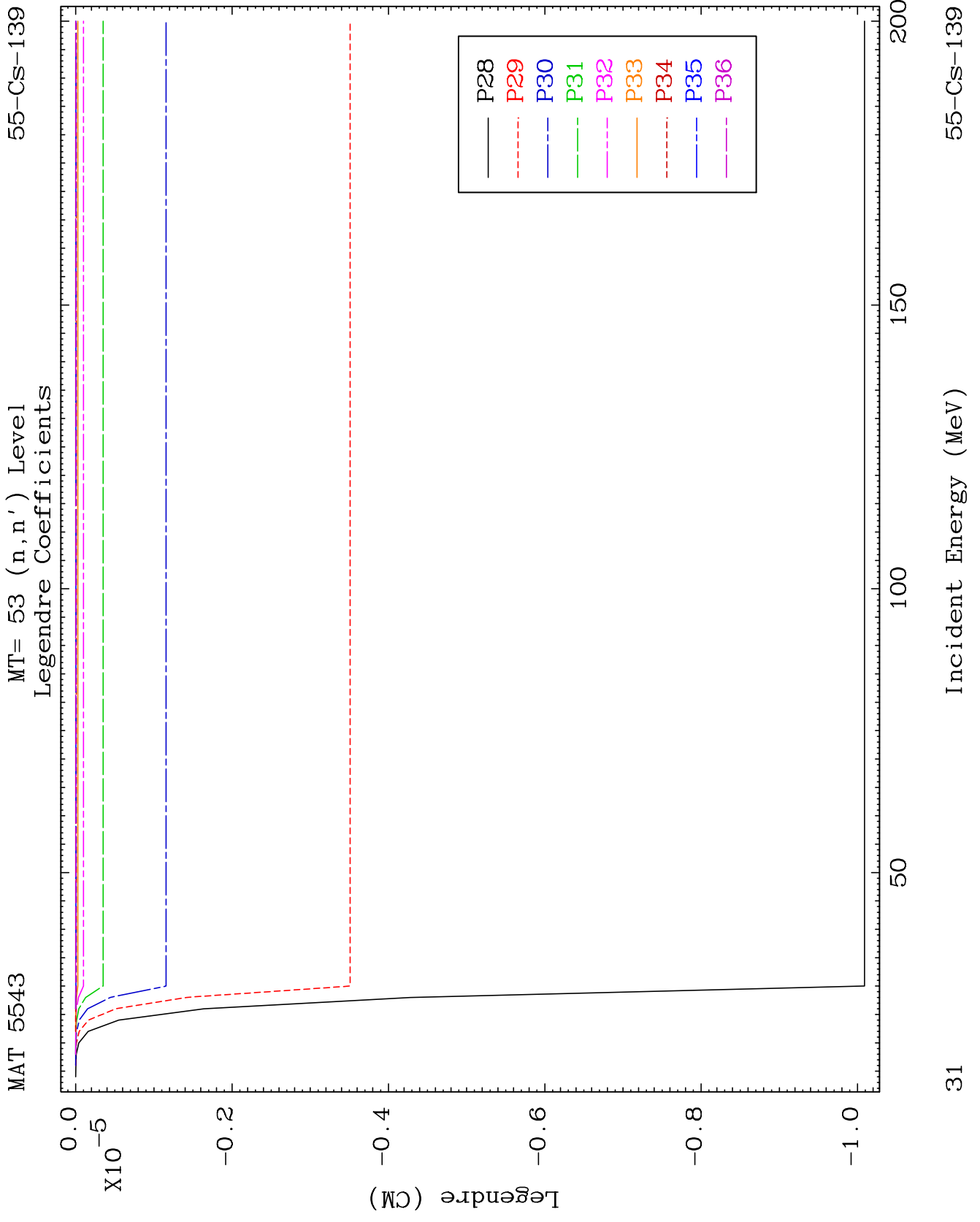
MT= 53 (n,n') Level
Legendre Coefficients



29

55-Cs-139

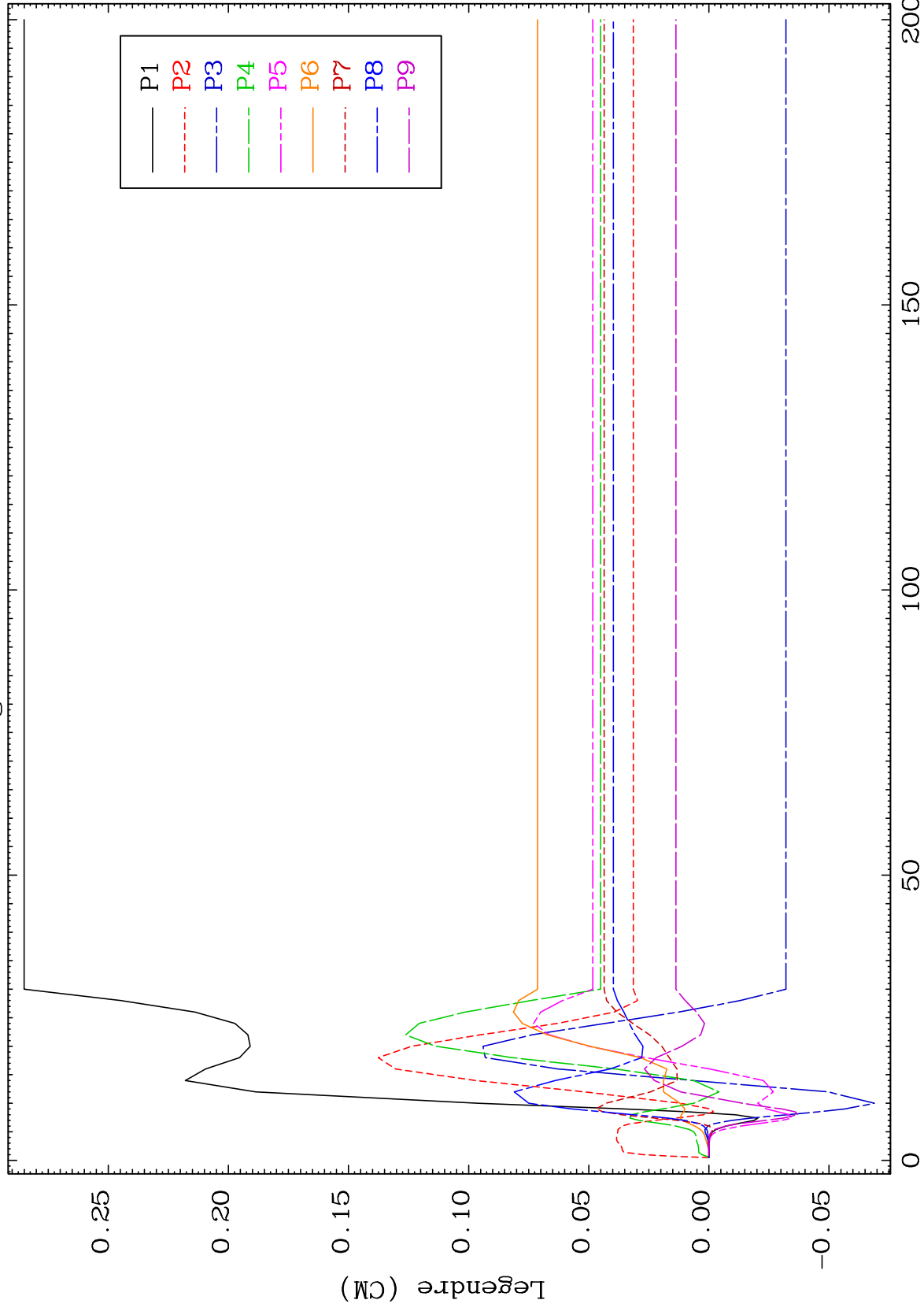




MAT 5543

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

55-Cs-139



32

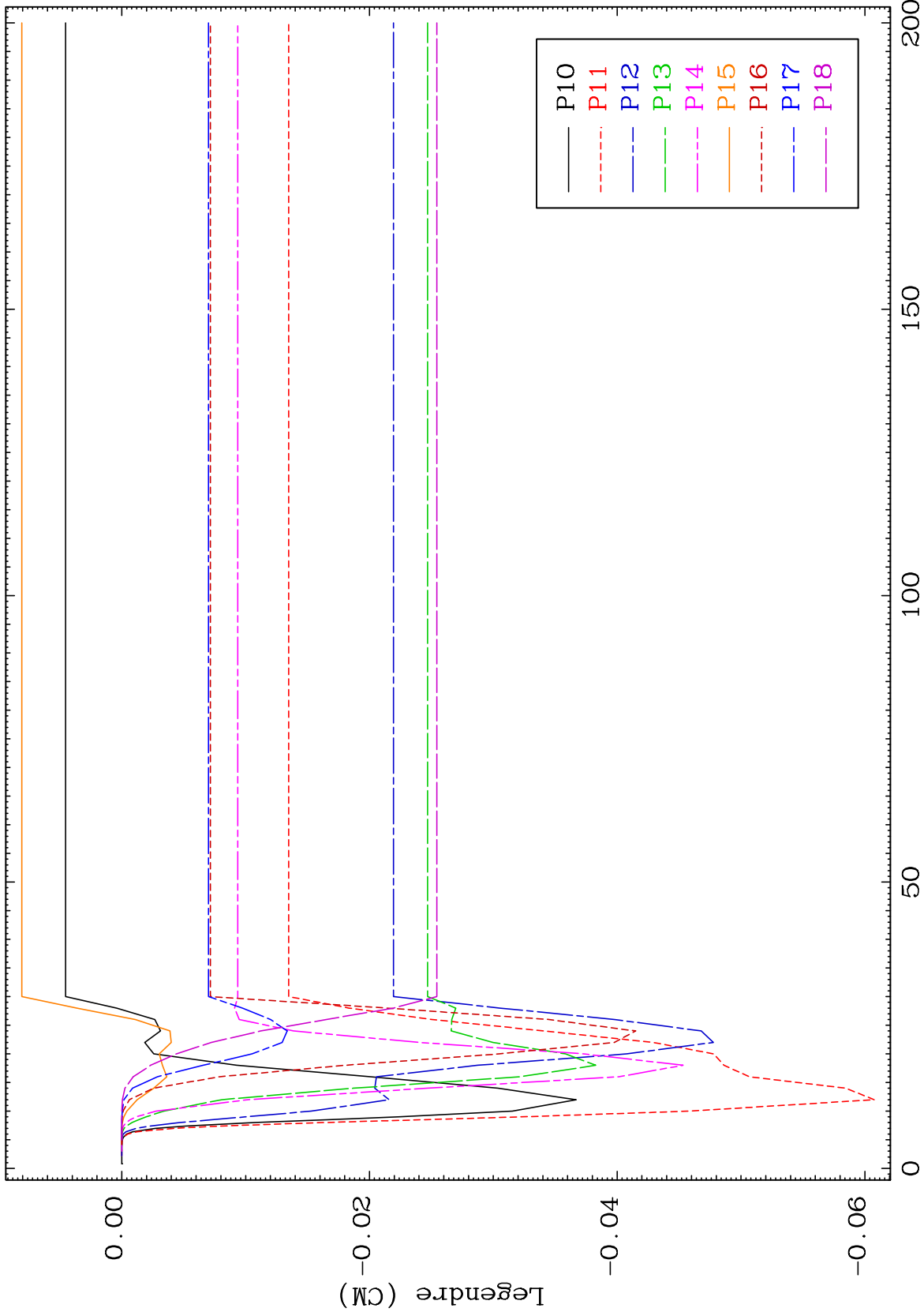
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

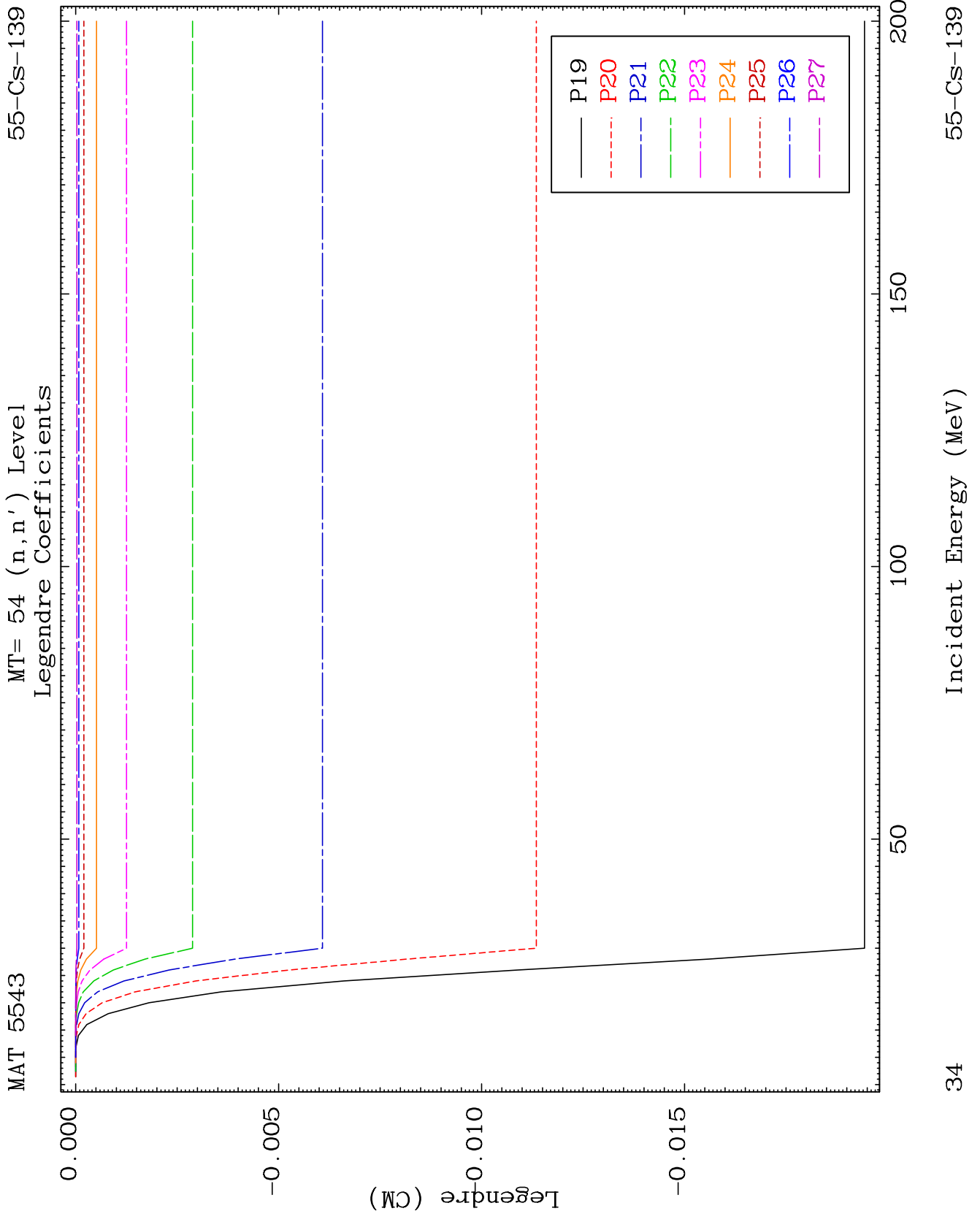
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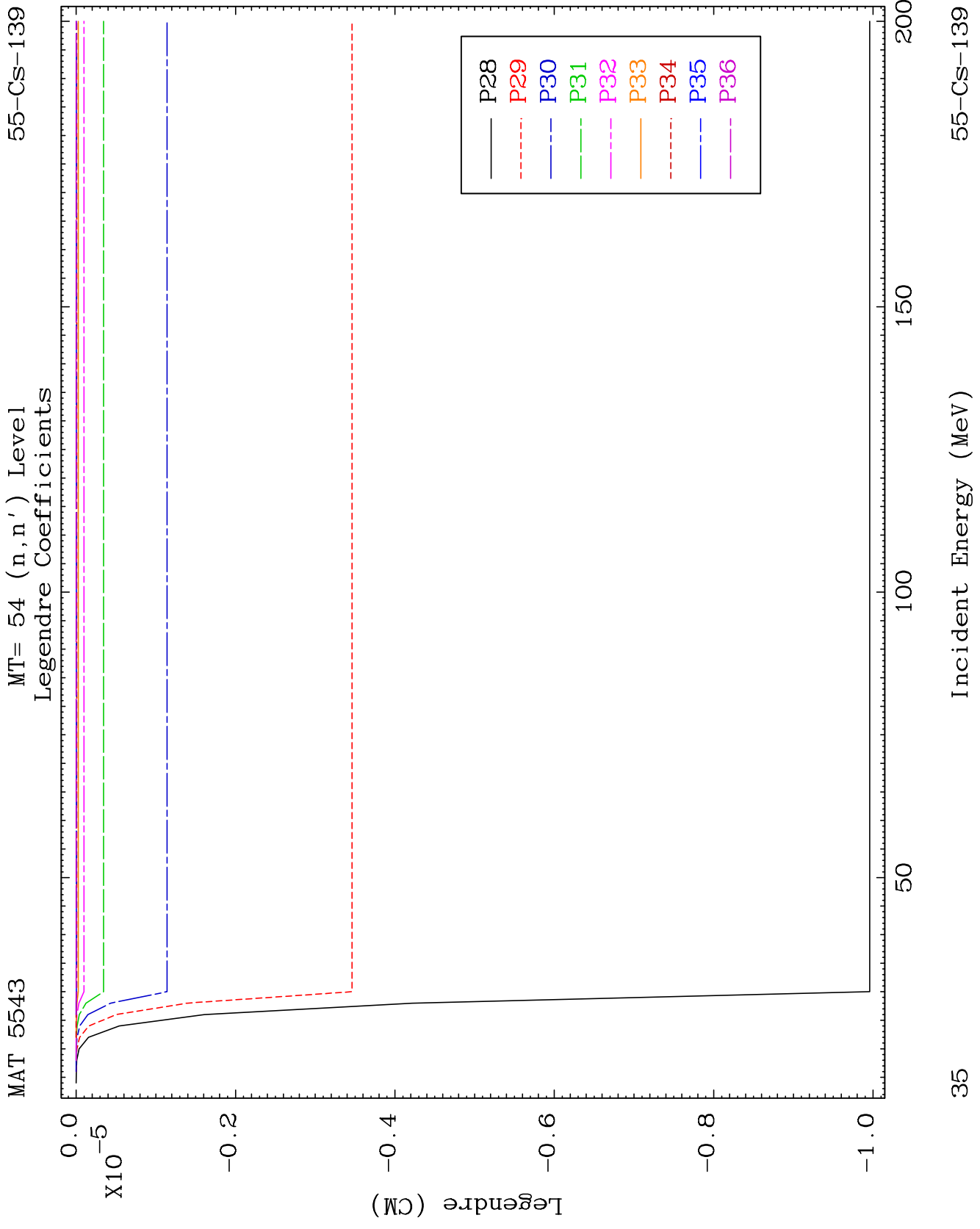


33

Incident Energy (MeV)

55-Cs-139

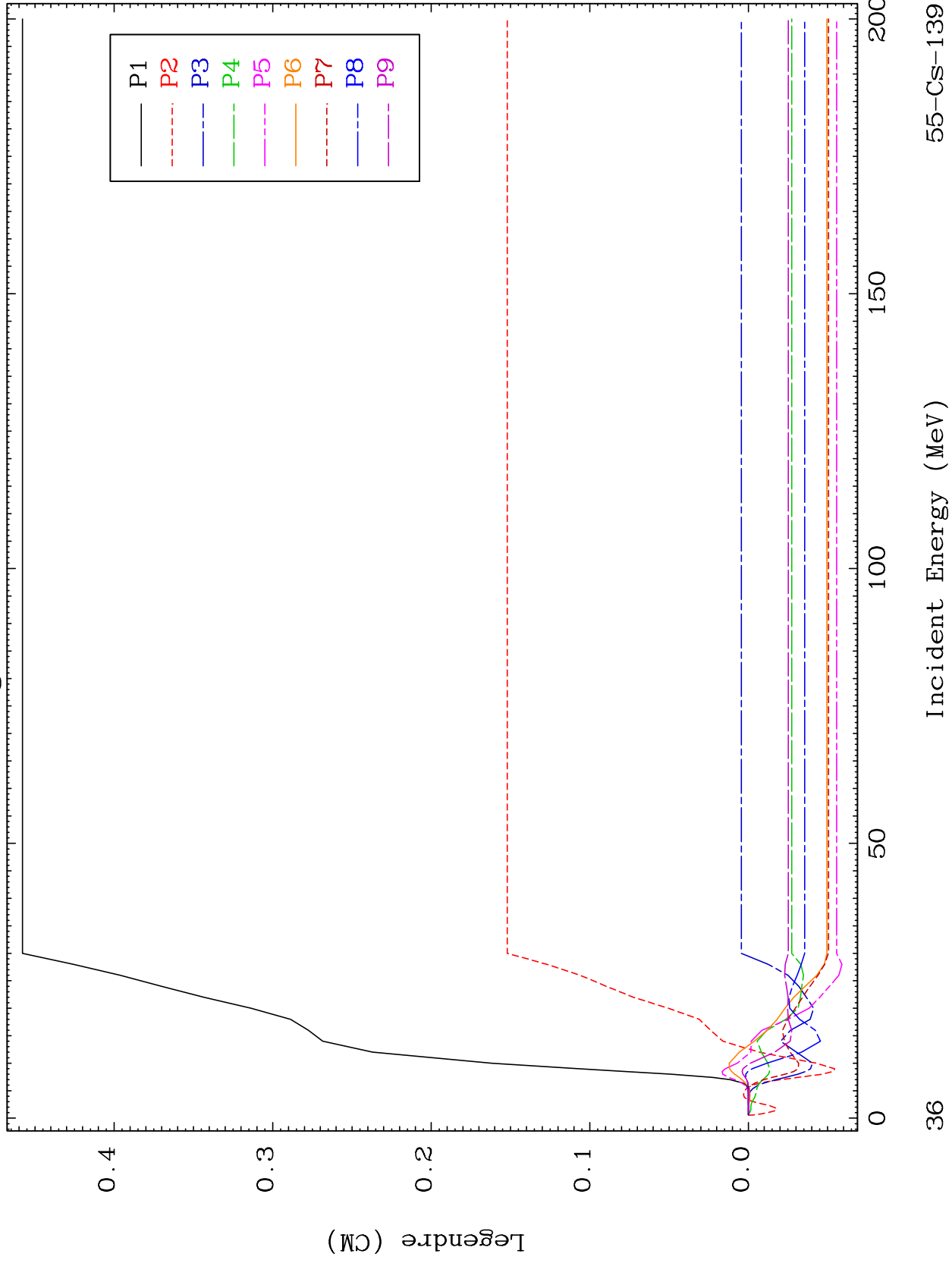




MAT 5543

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

55-Cs-139



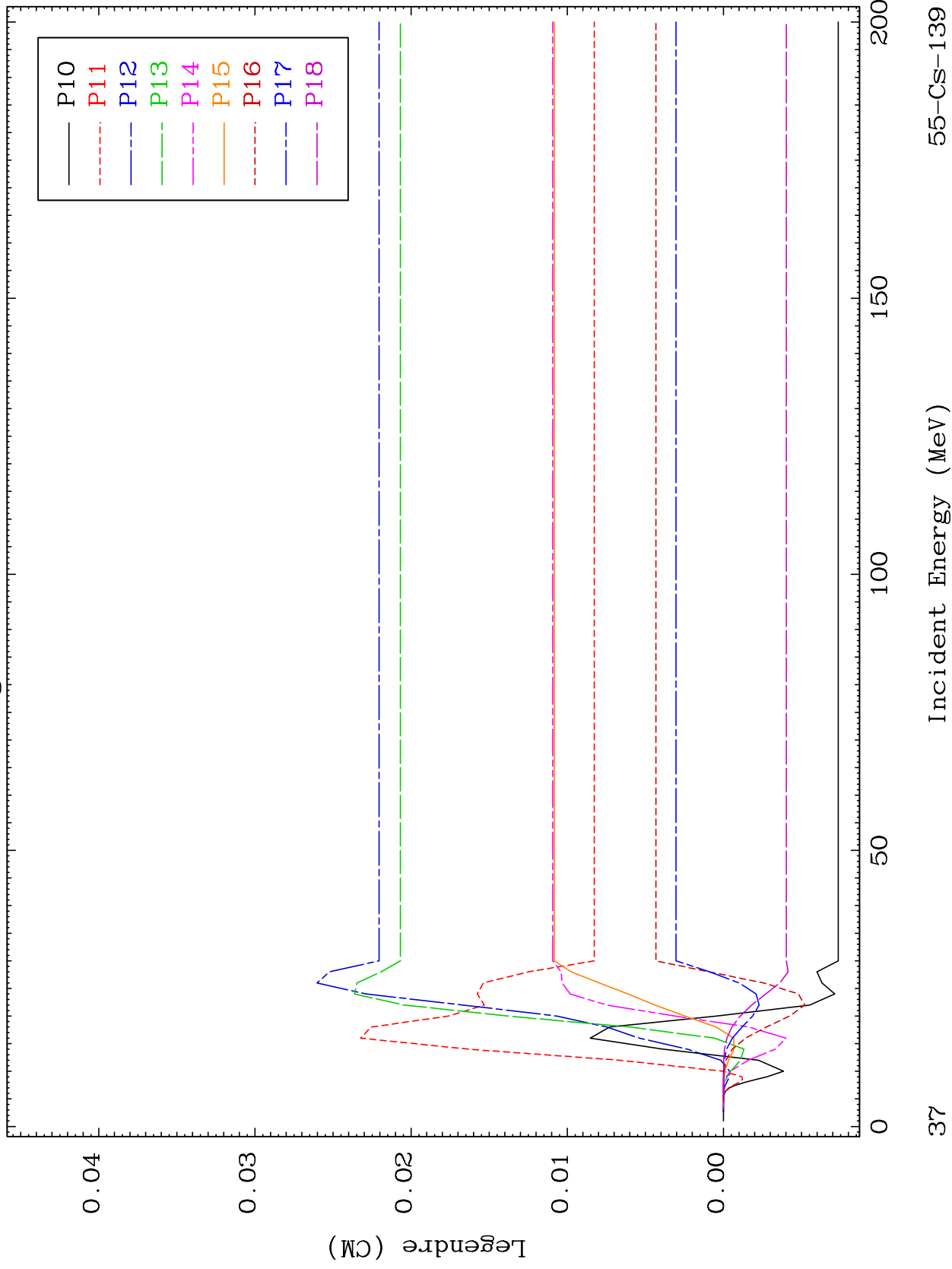
55-Cs-139

36

MAT 5543

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

55-Cs-139



37

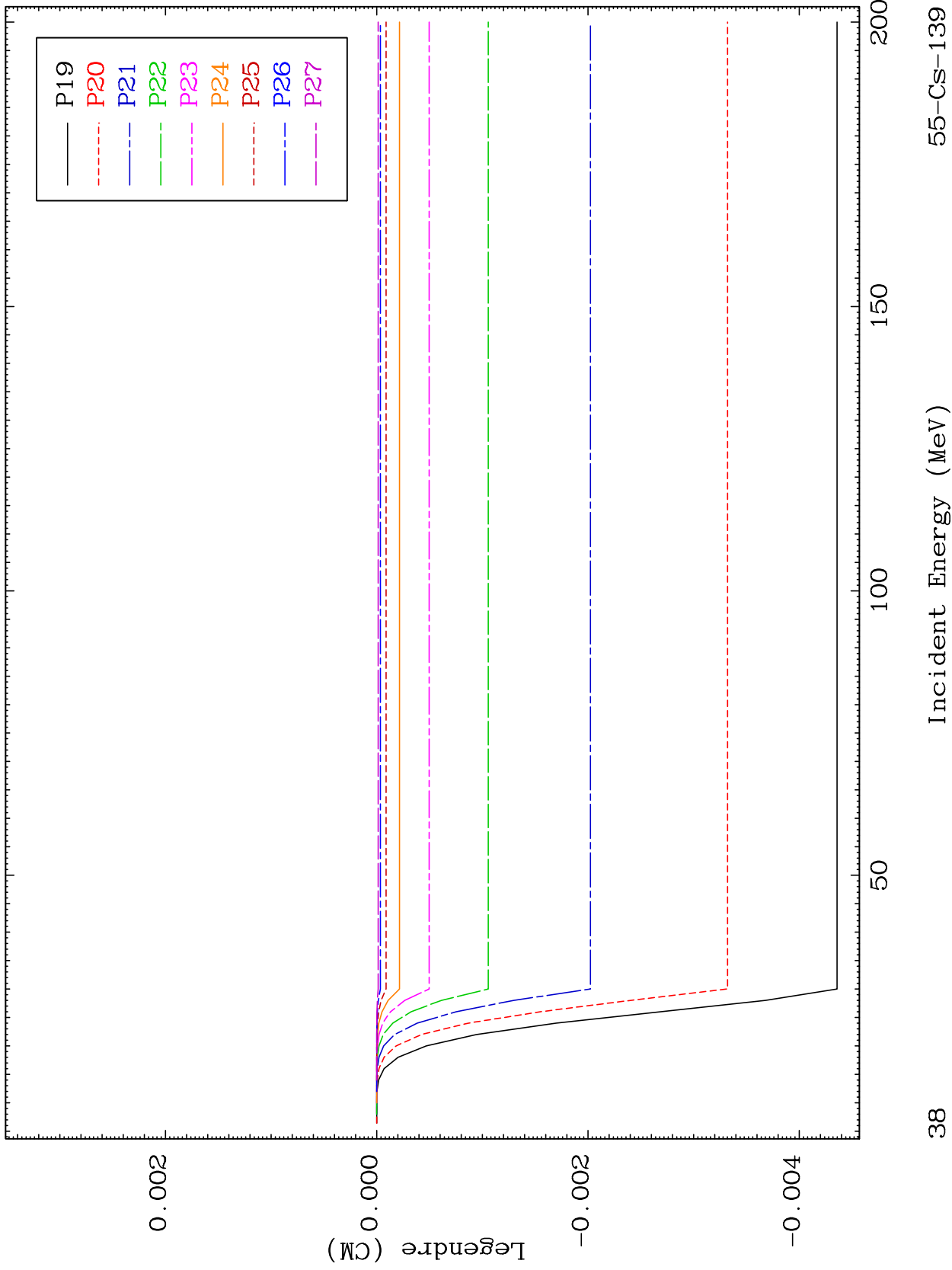
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



38

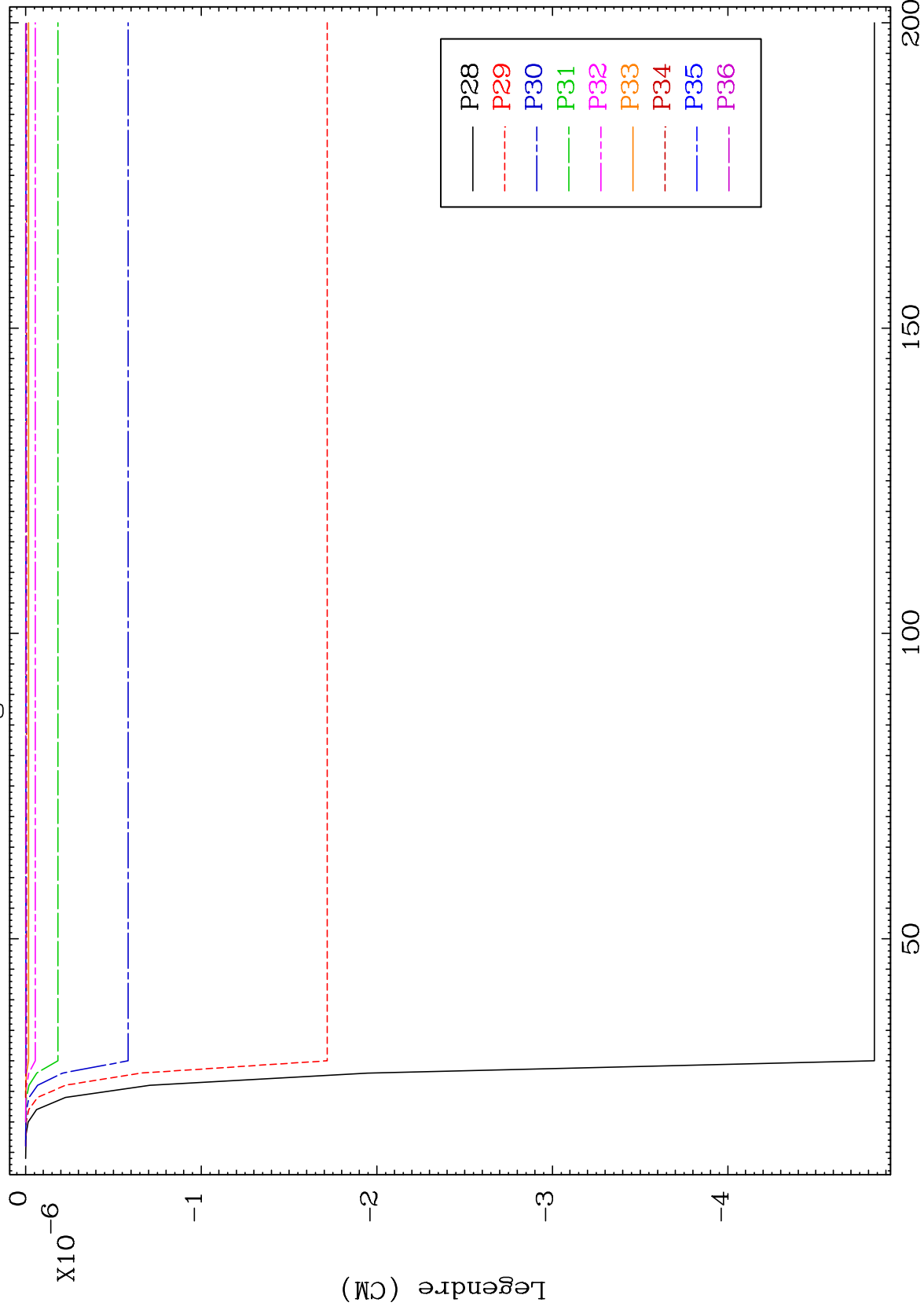
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



39

Incident Energy (MeV)

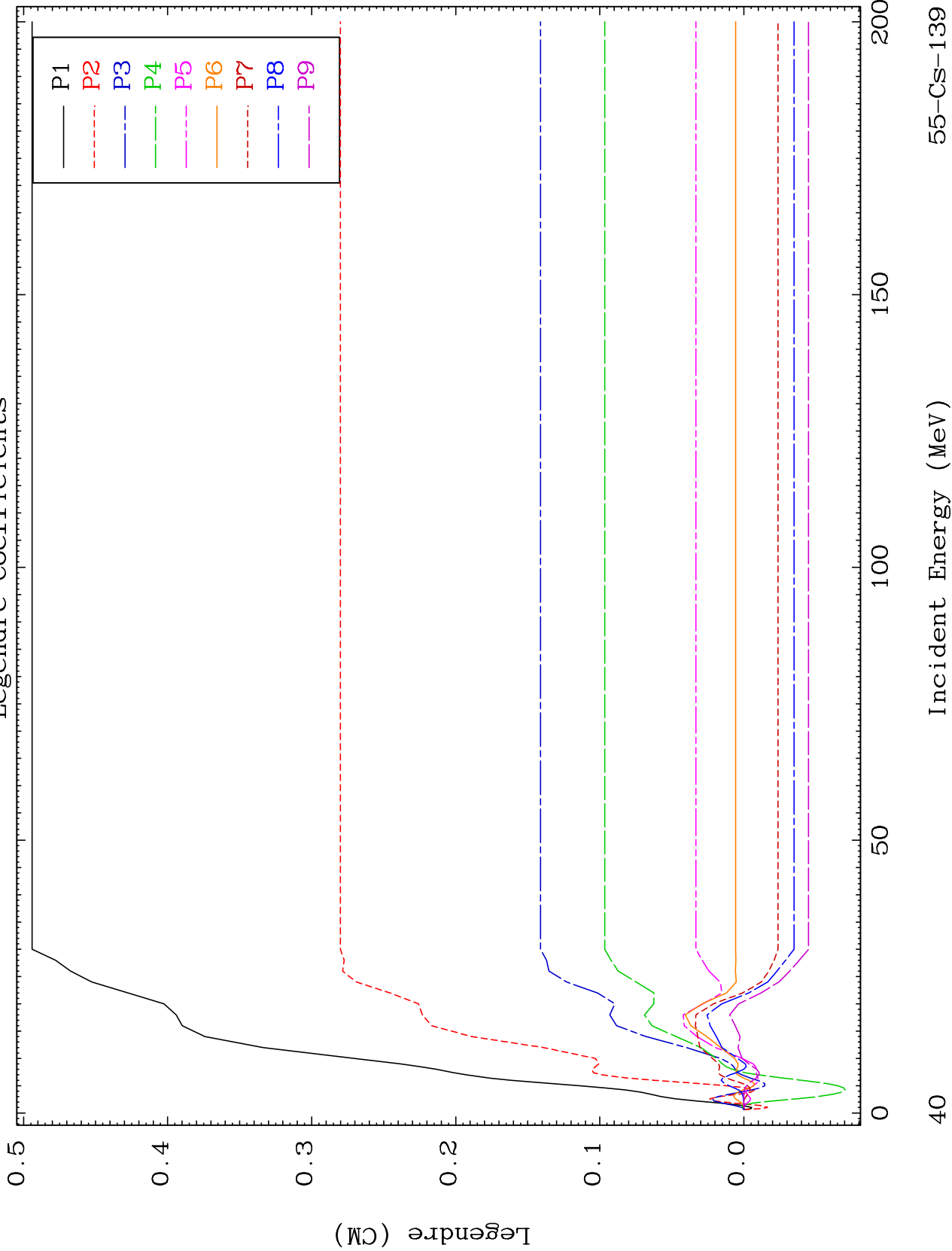
55-Cs-139

MAT 5543

MT= 56 (n,n') Level

55-Cs-139

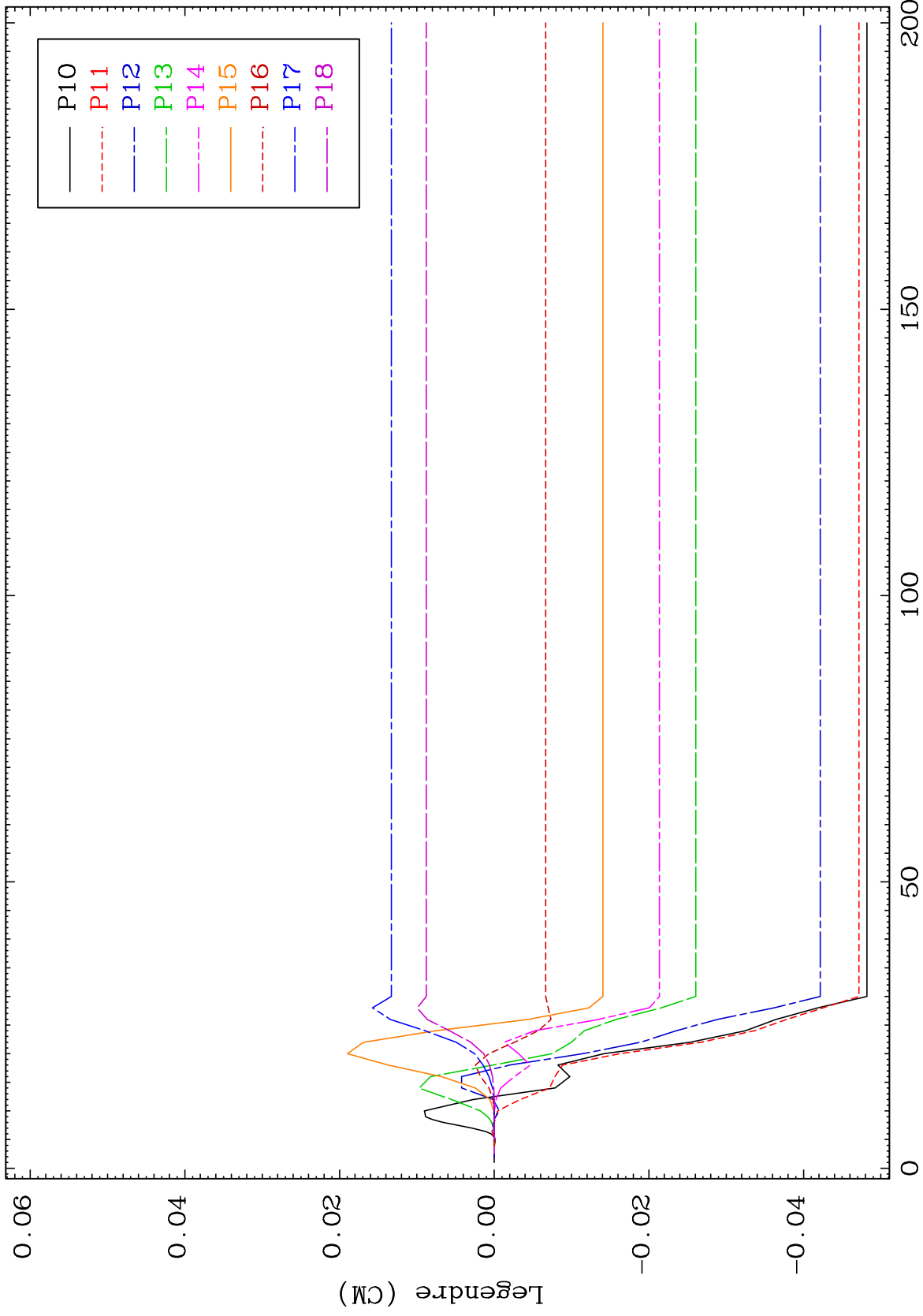
Legendre Coefficients



MAT 5543

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

55-Cs-139



41

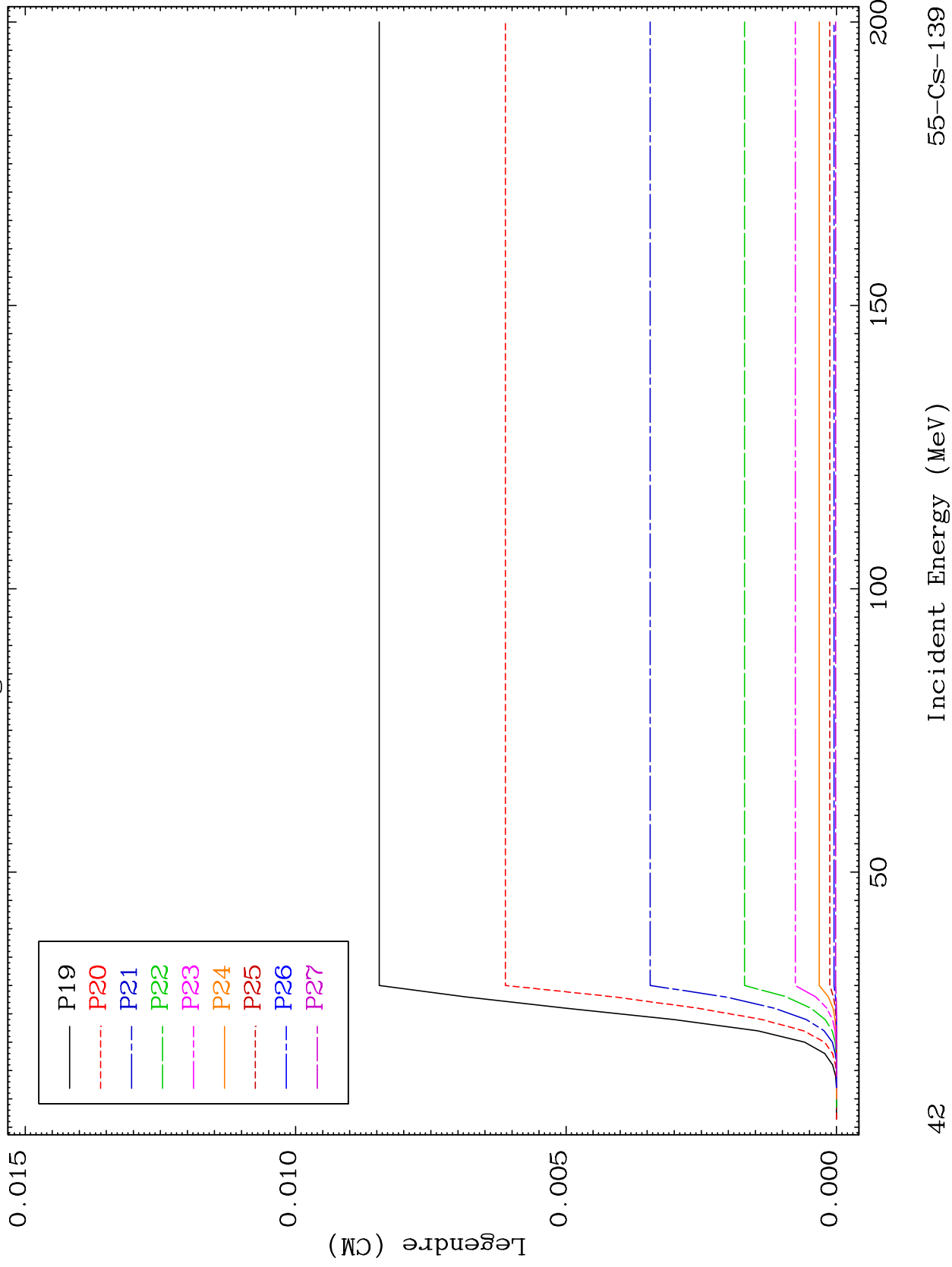
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



55-Cs-139

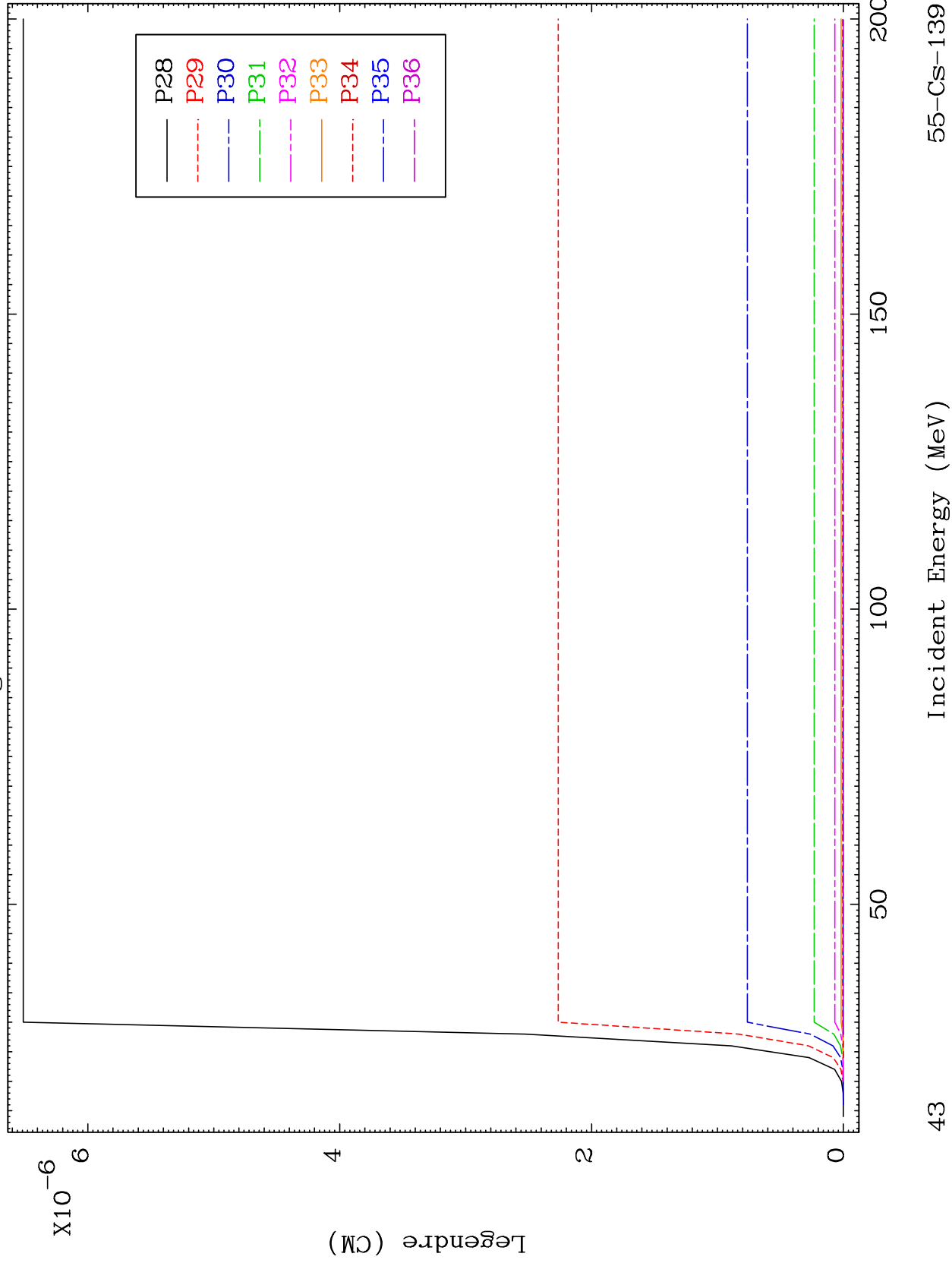
Incident Energy (MeV)

42

MAT 5543

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

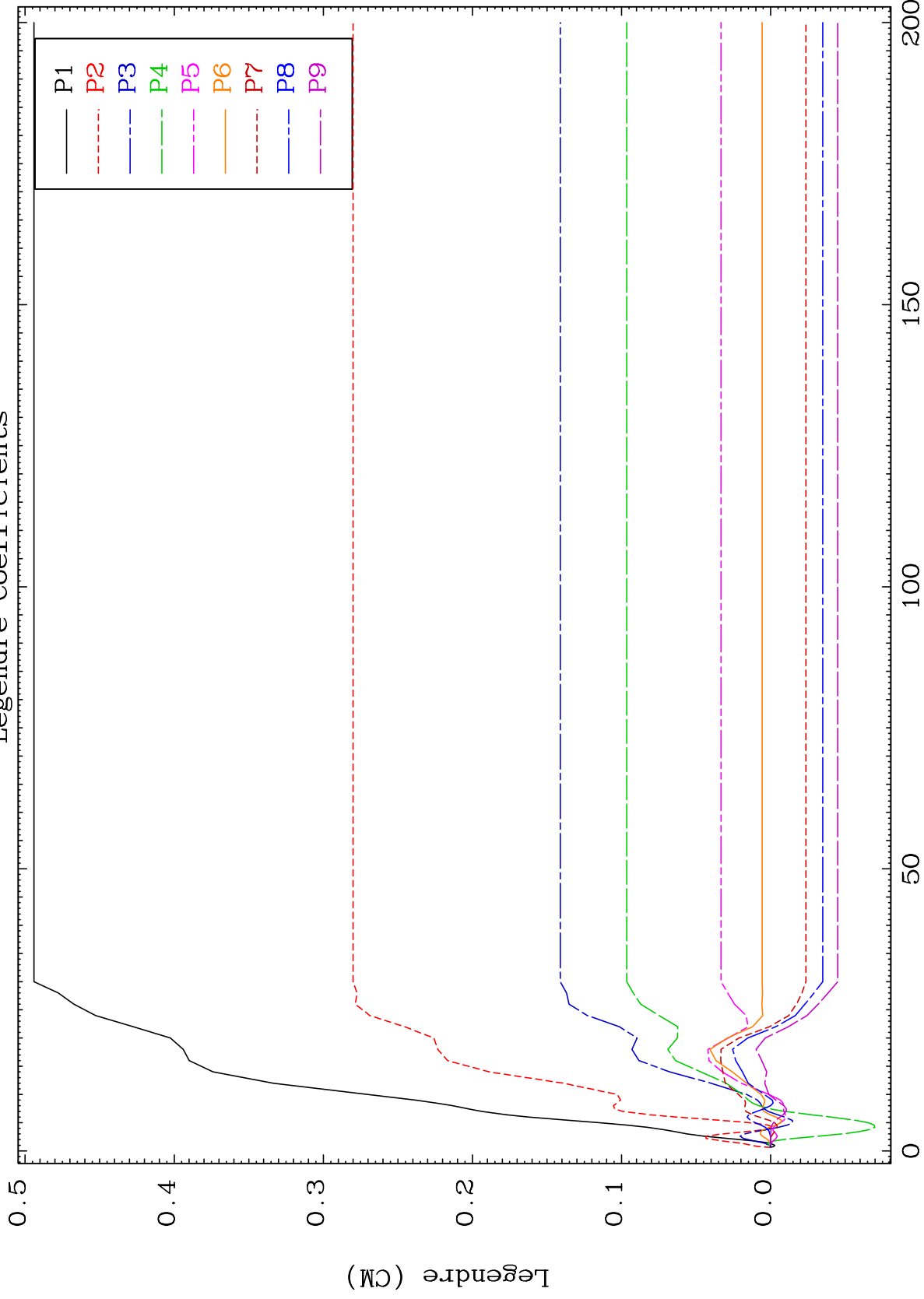
55-Cs-139



MAT 5543

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

55-Cs-139



44

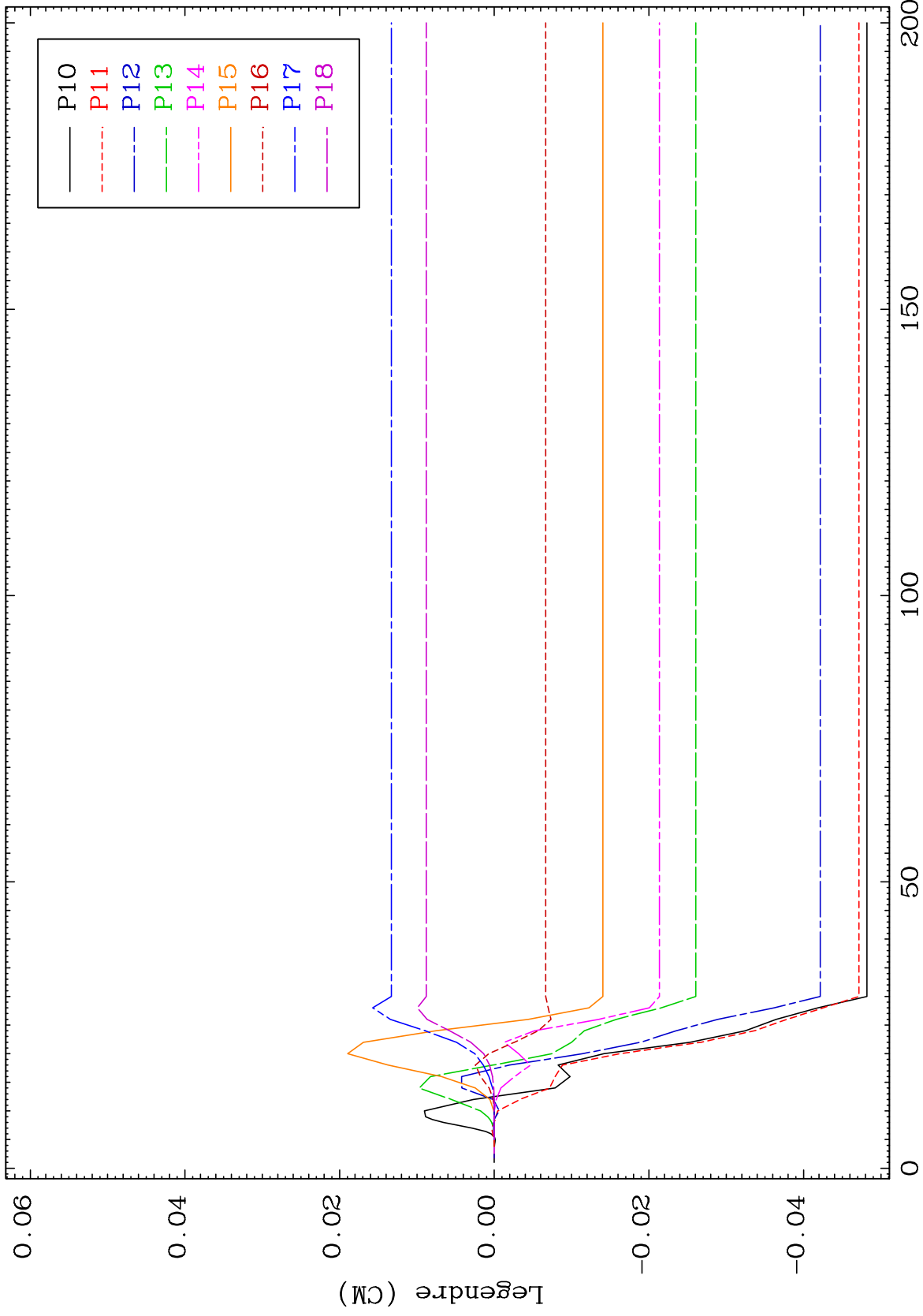
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



45

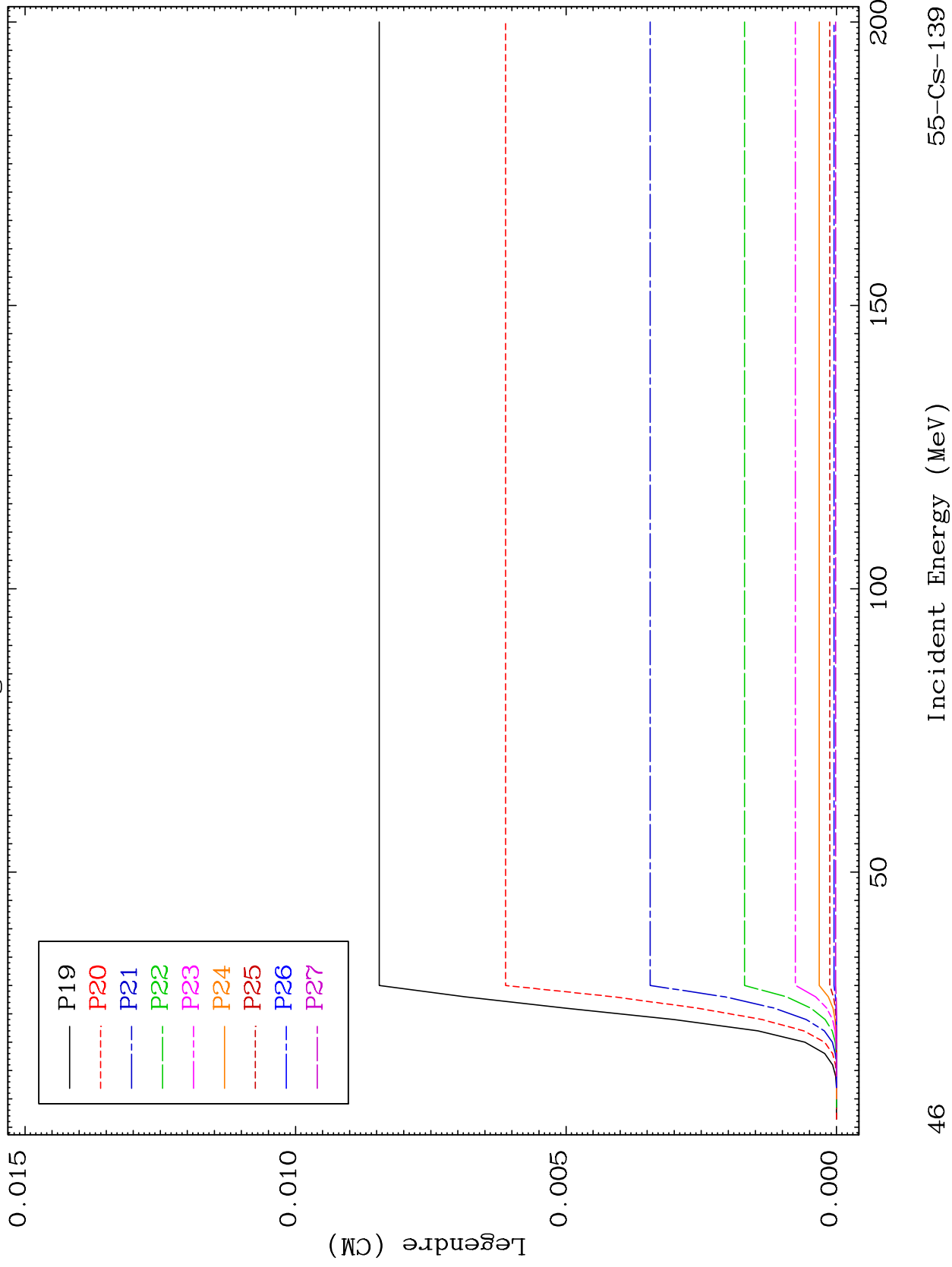
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



46

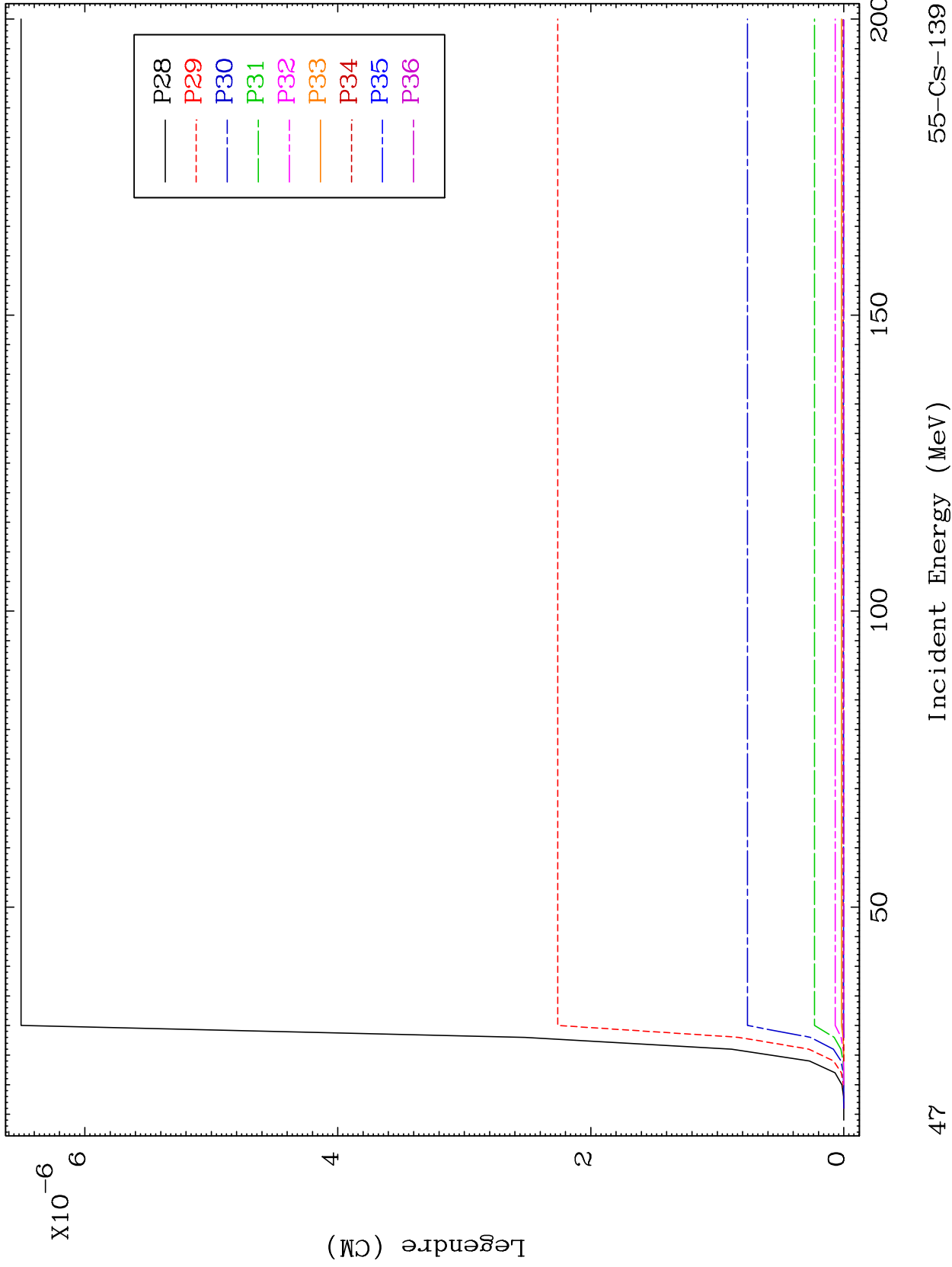
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



47

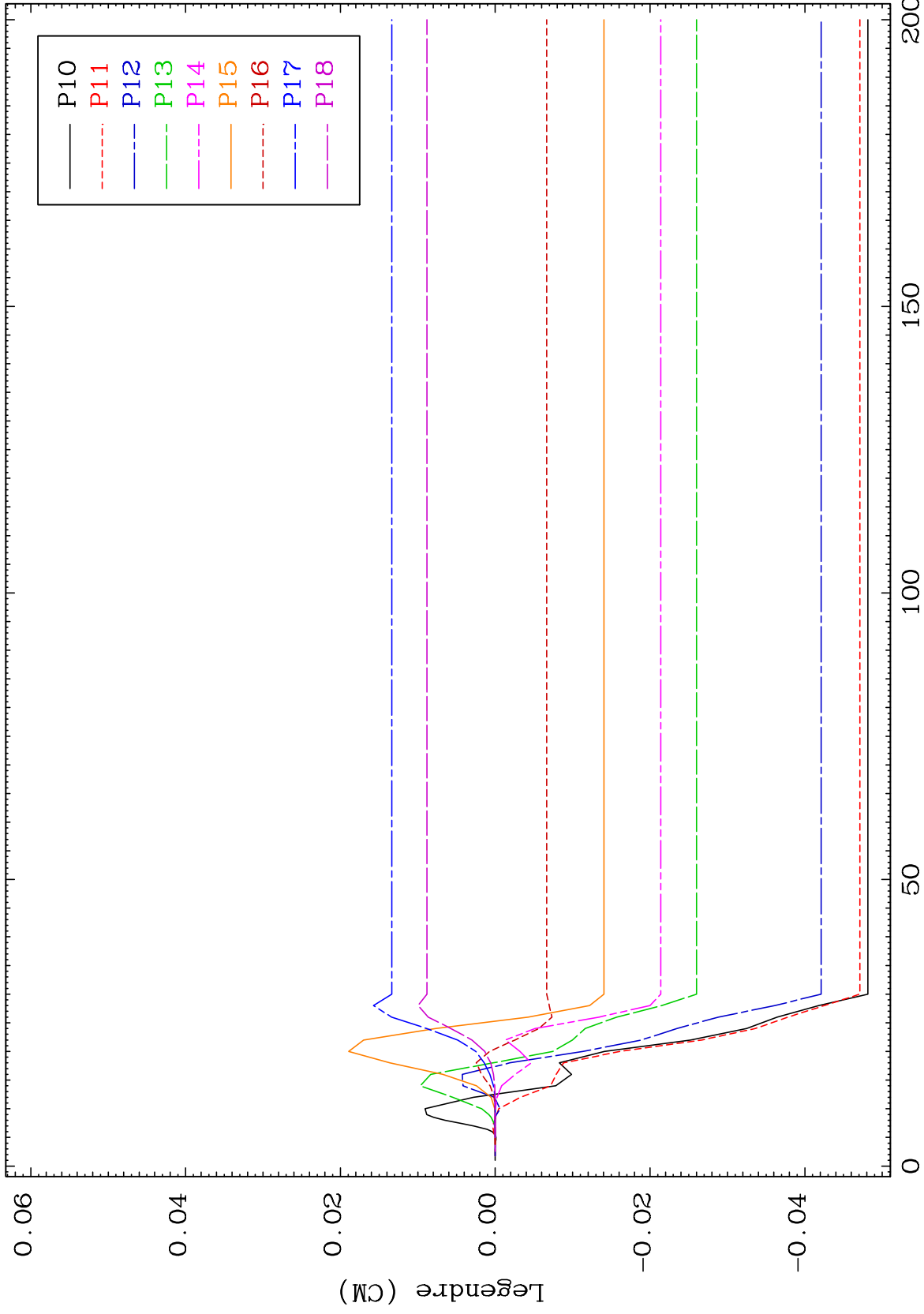
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



49

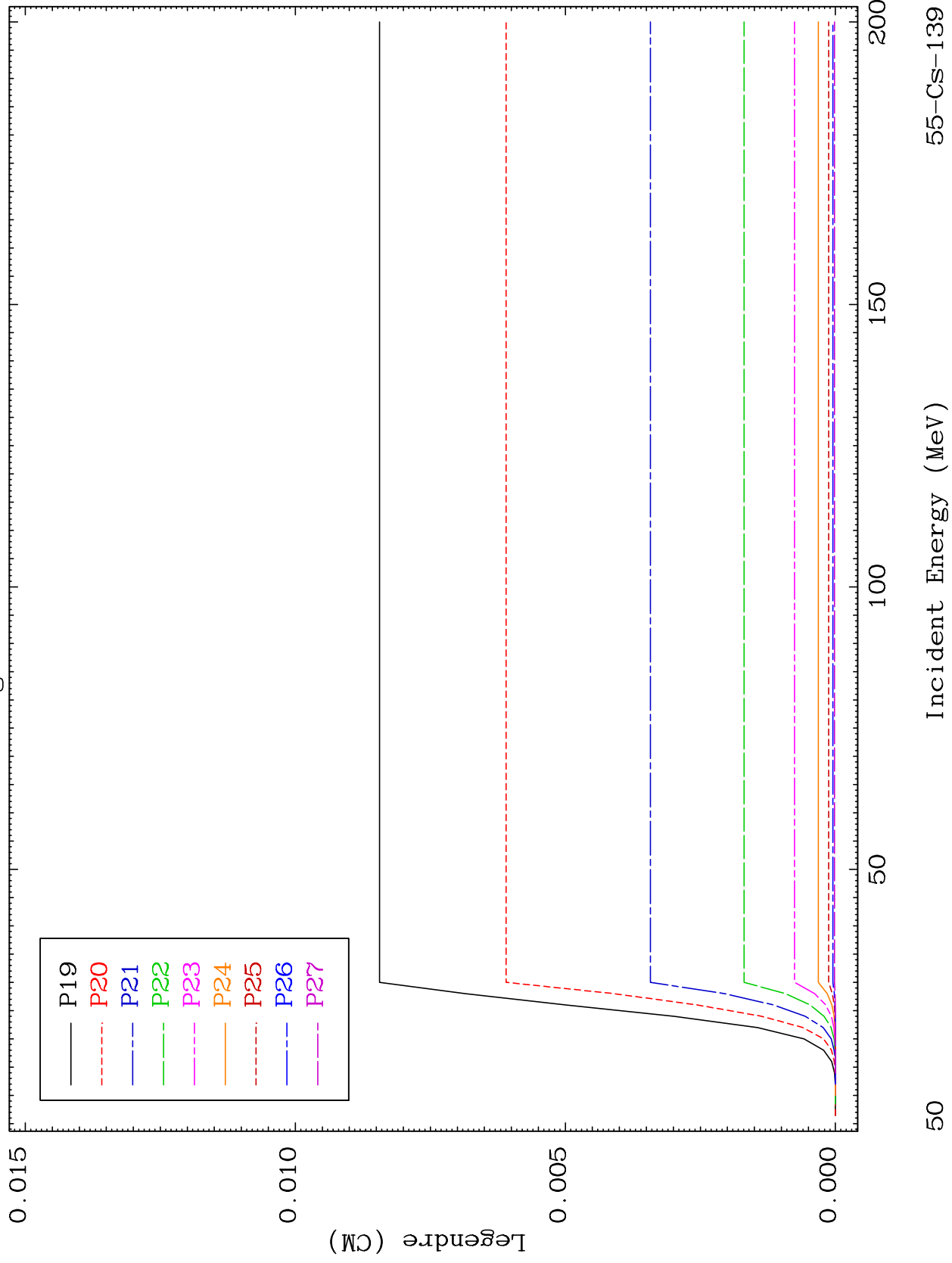
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



55-Cs-139

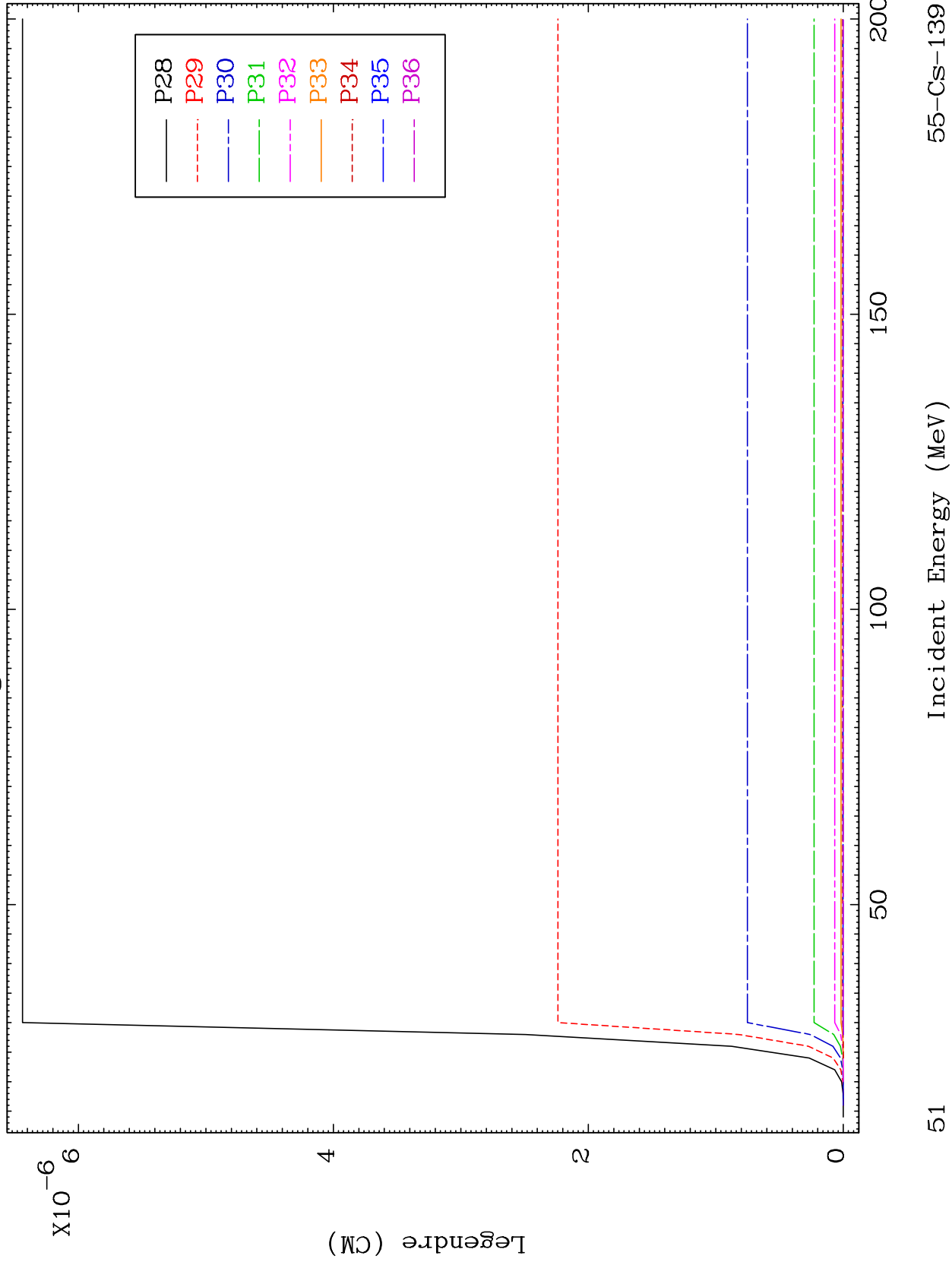
Incident Energy (MeV)

50

MAT 5543

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

55-Cs-139

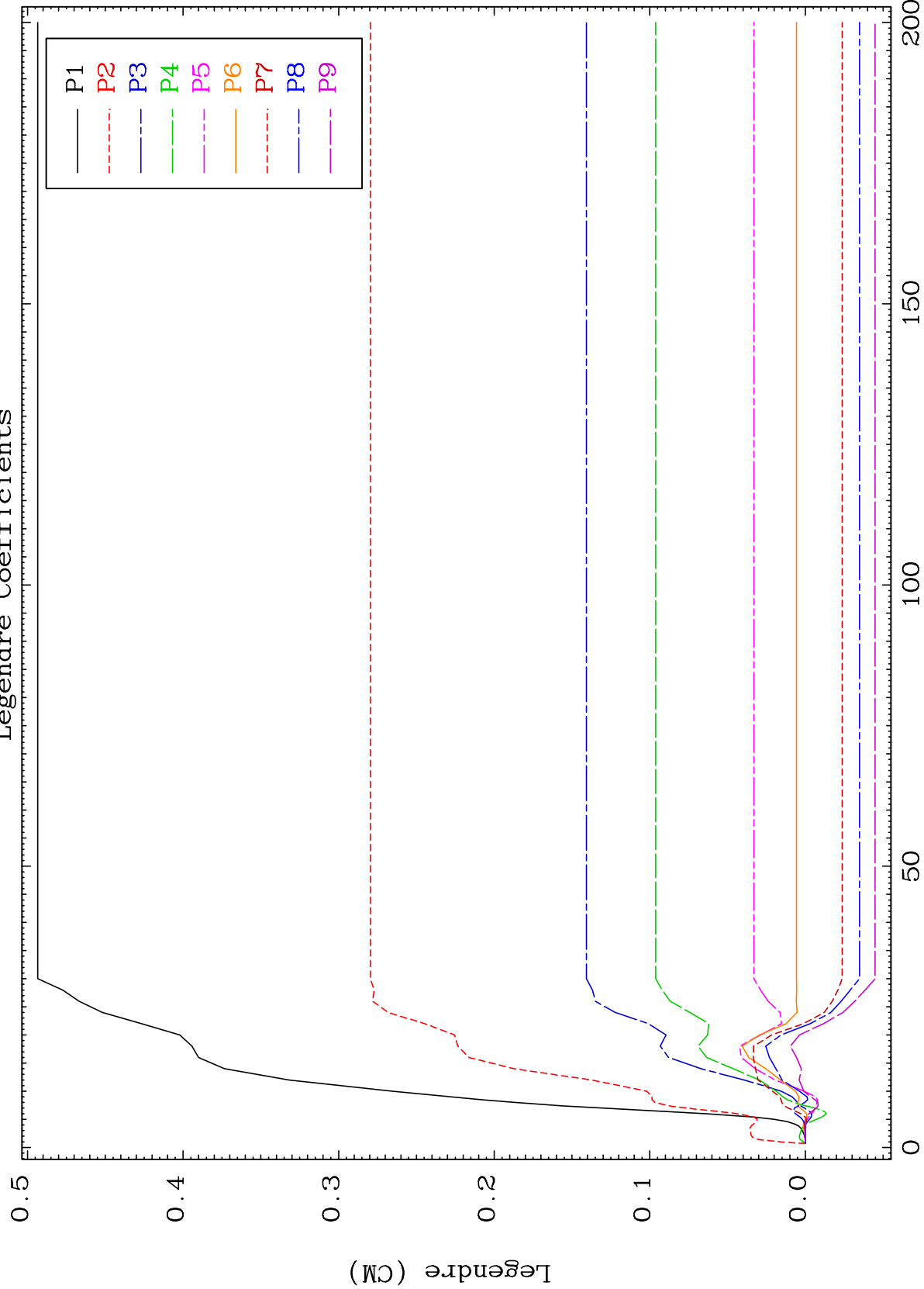


MAT 5543

MT= 59 (n,n') Level

55-Cs-139

Legendre Coefficients



52

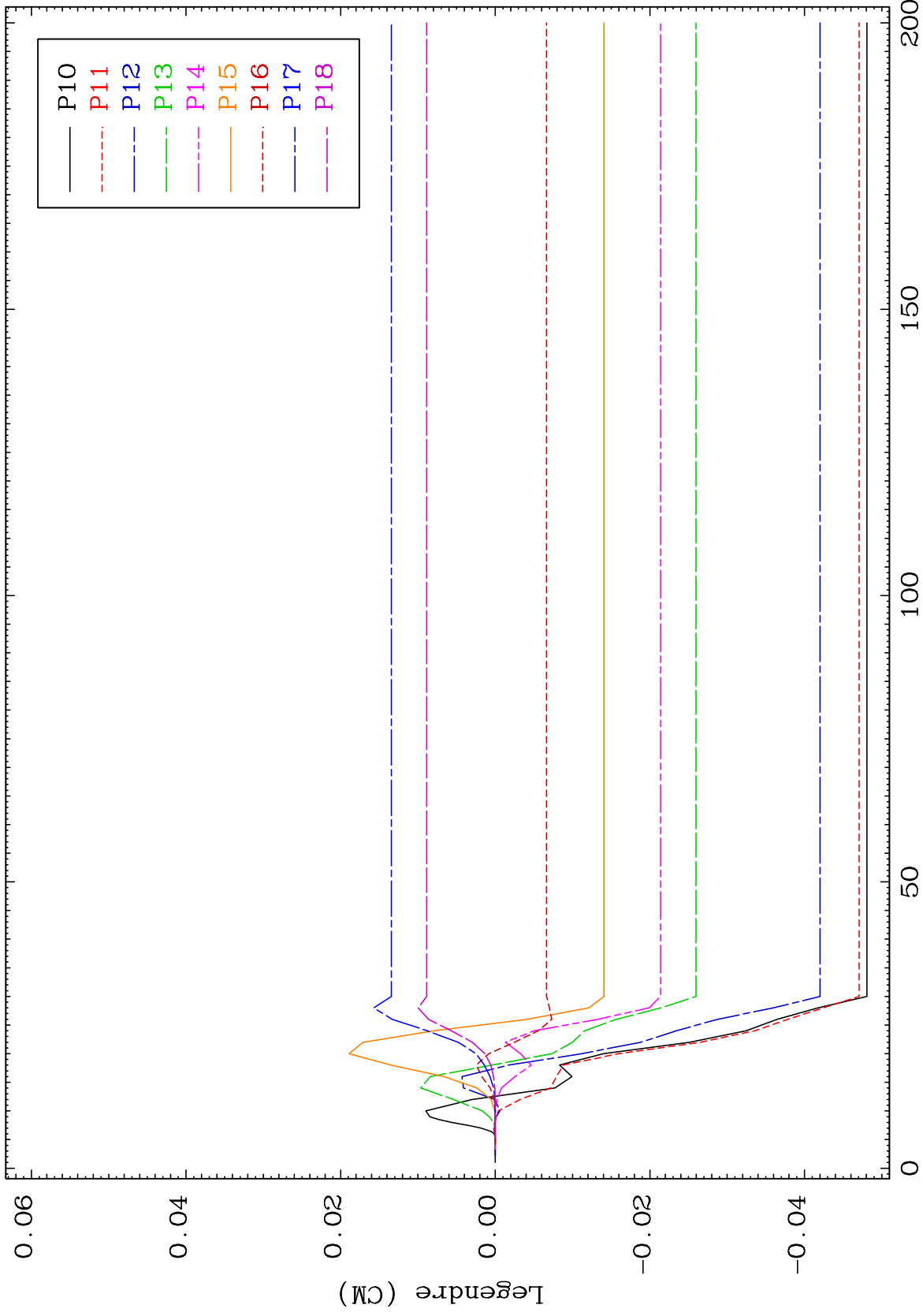
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



53

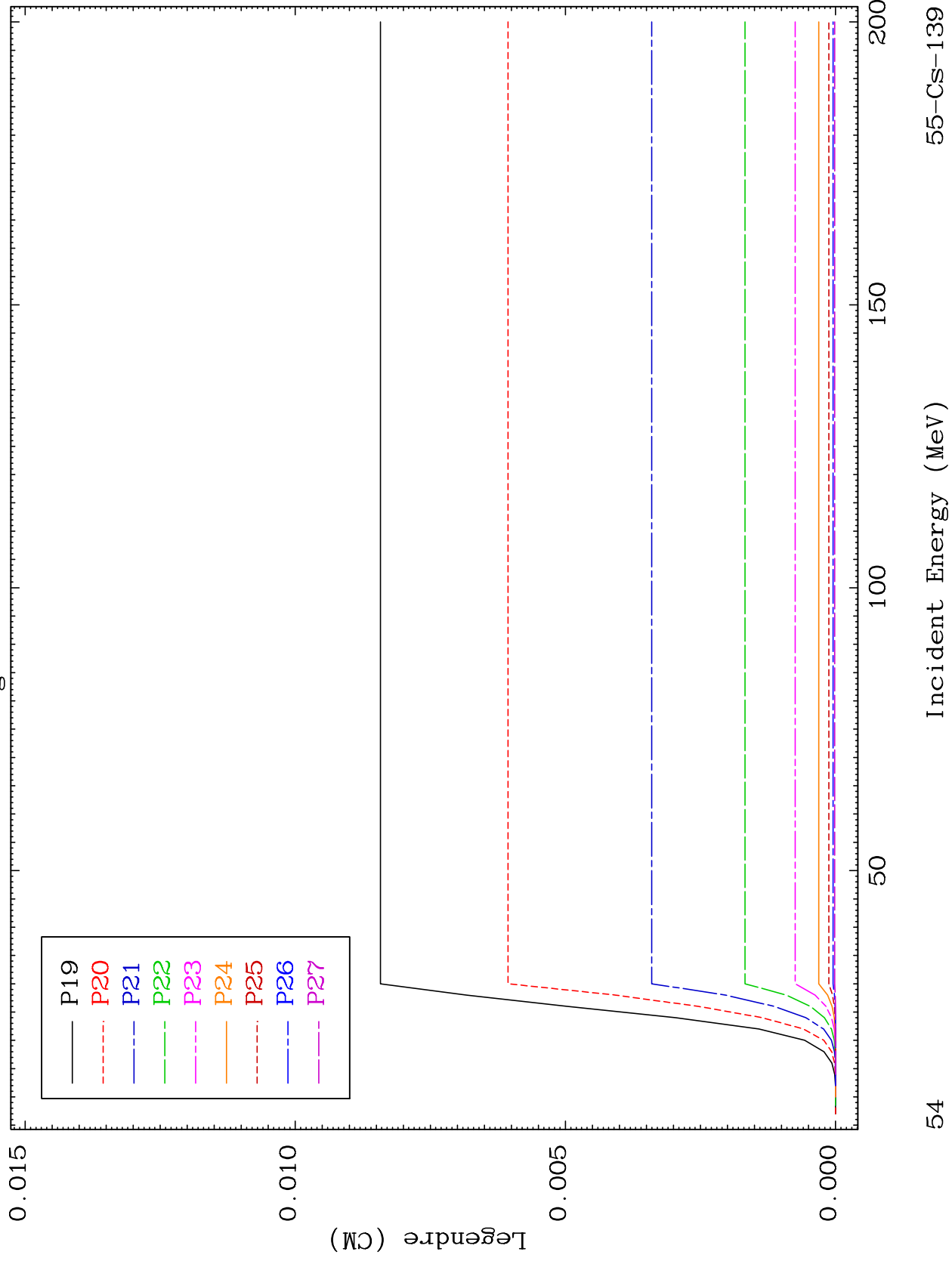
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



54

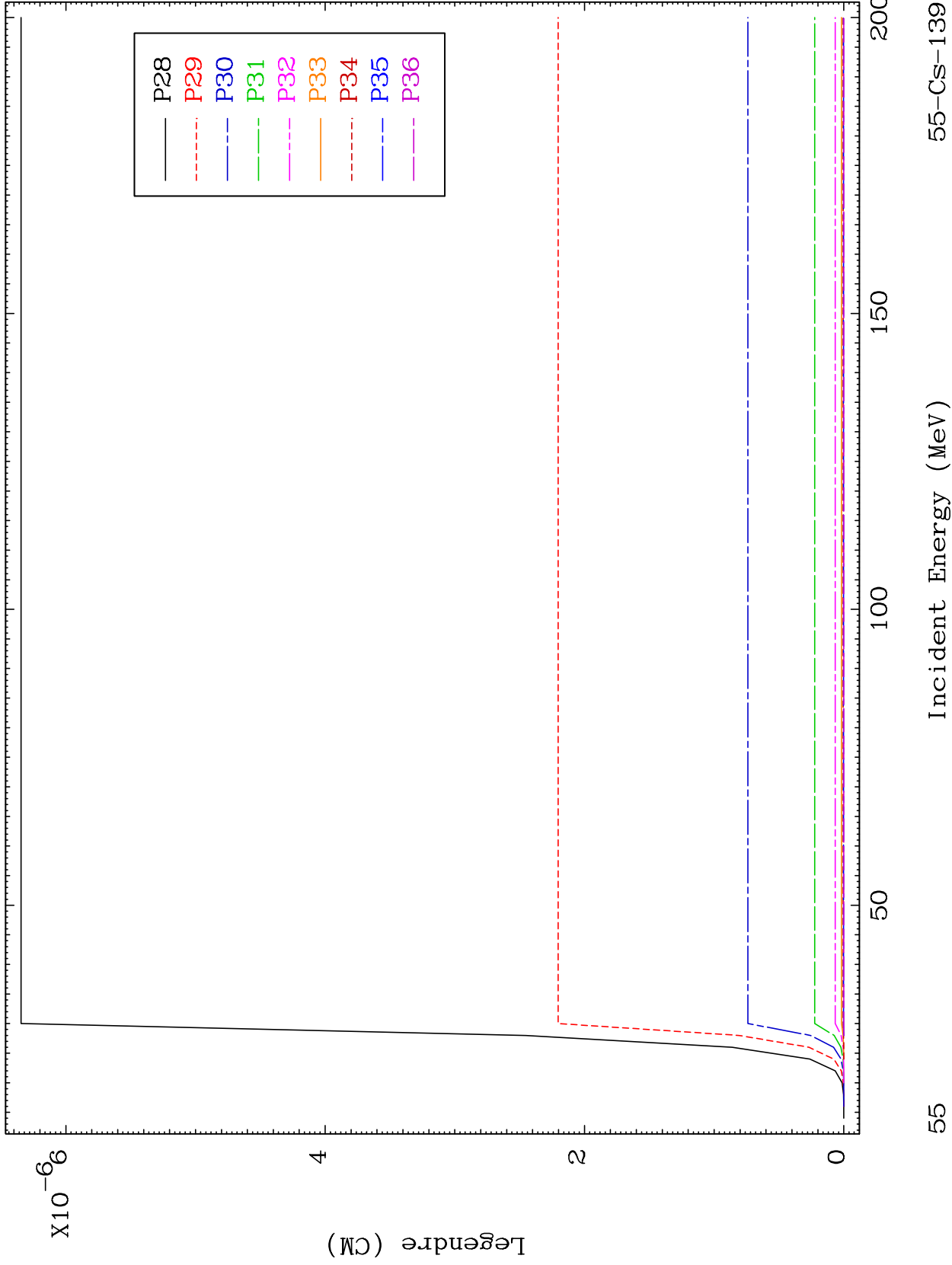
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



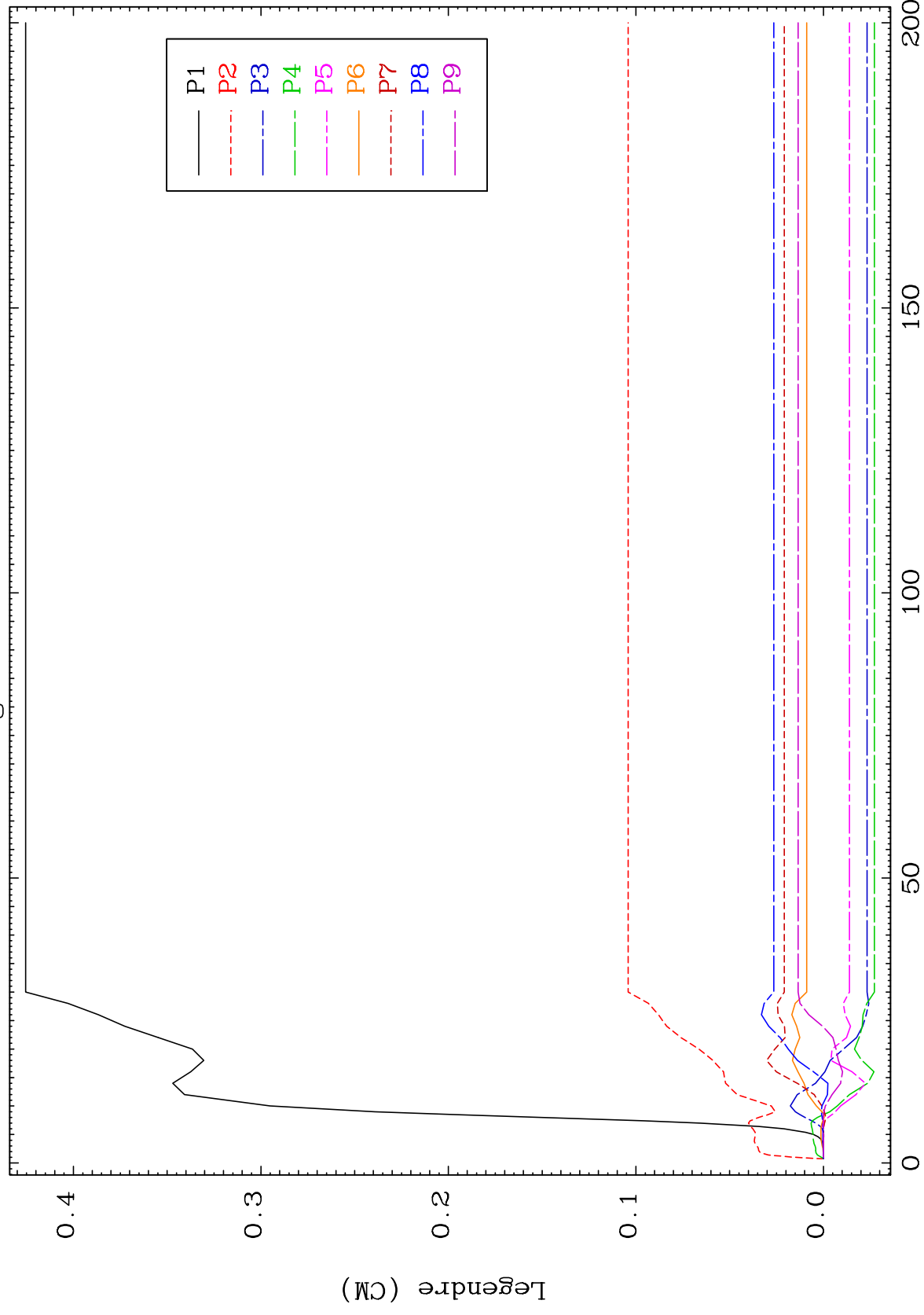
55

55-Cs-139

MAT 5543

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

55-Cs-139



55-Cs-139

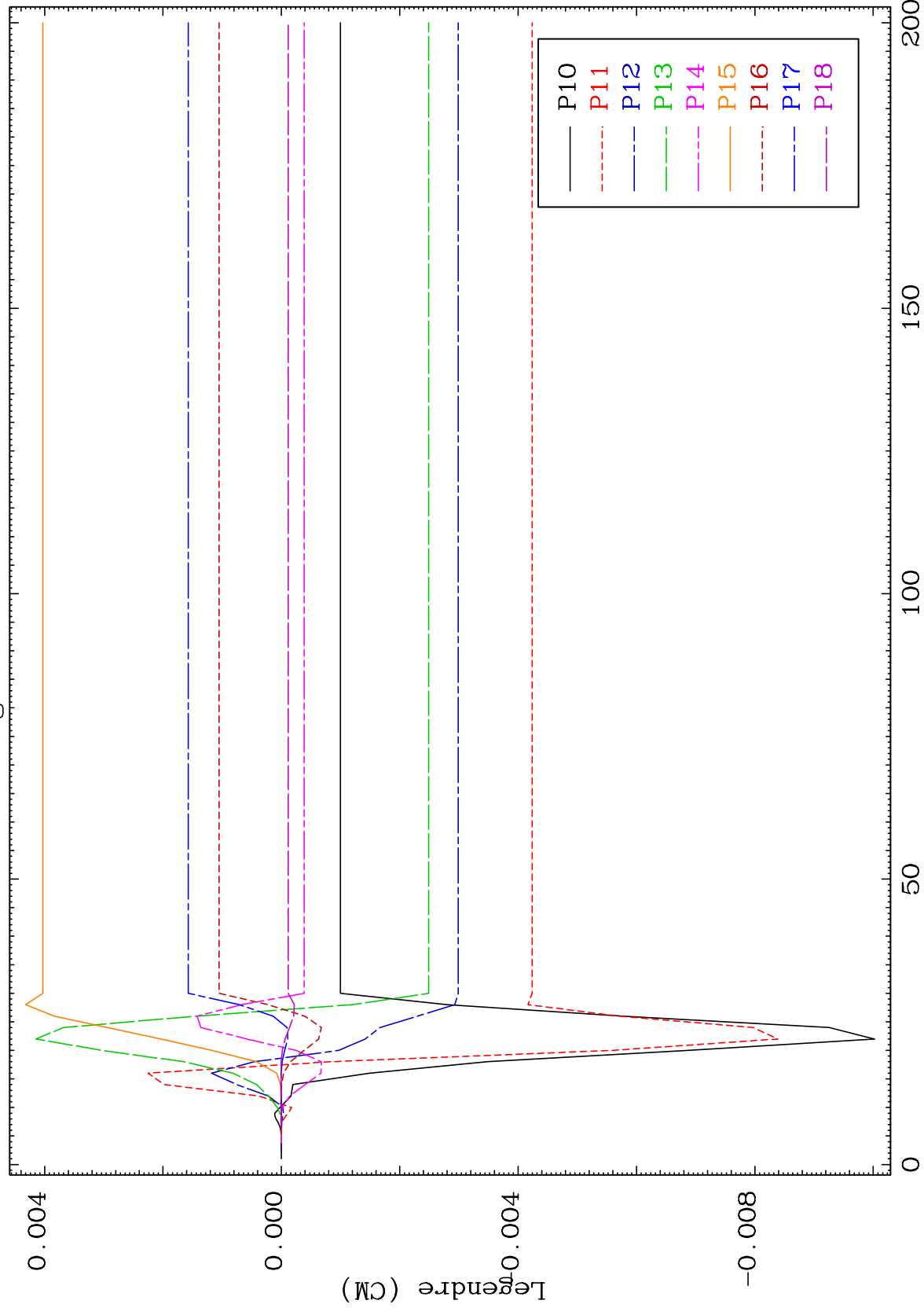
Incident Energy (MeV)

56

MAT 5543

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

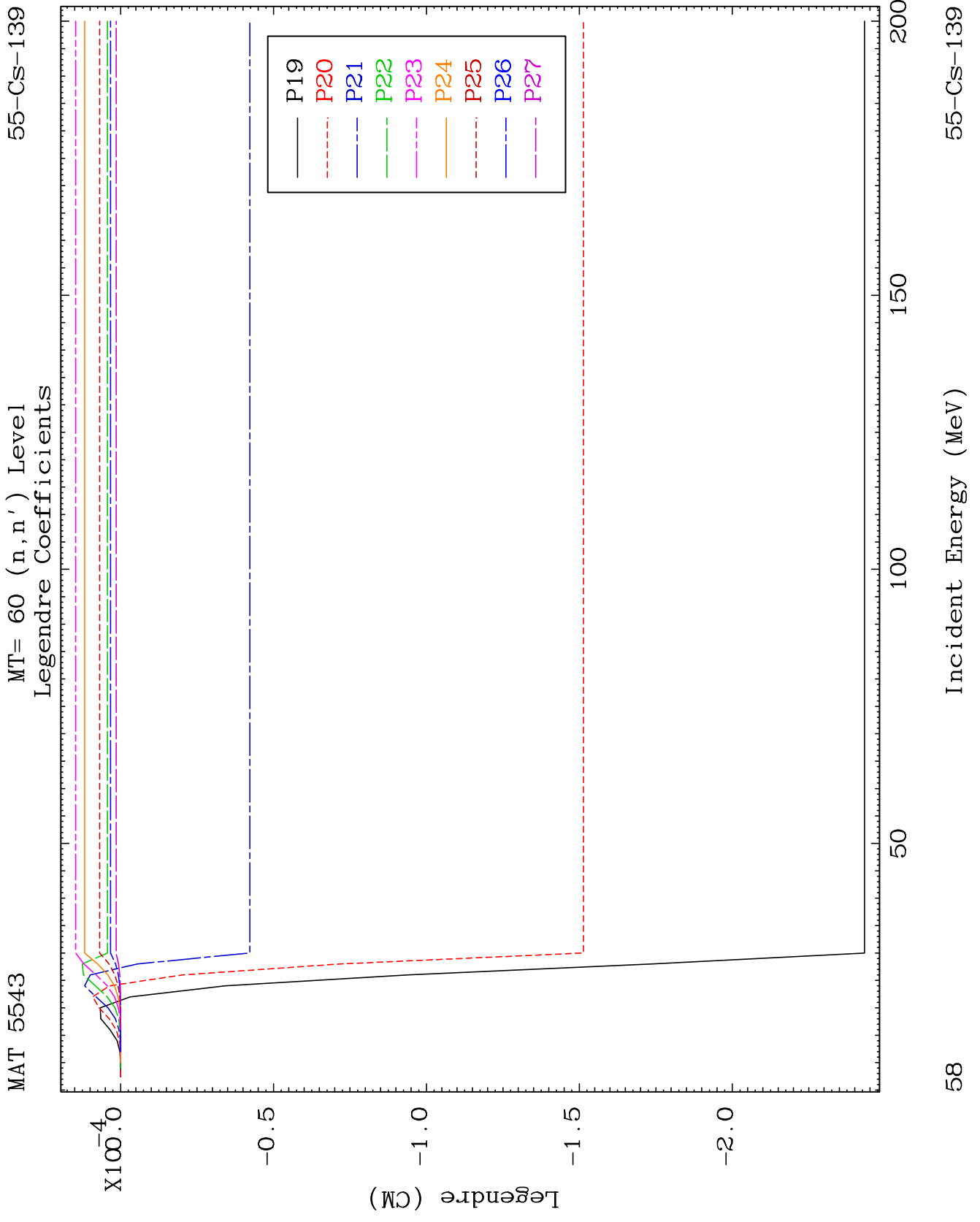
55-Cs-139



57

Incident Energy (MeV)

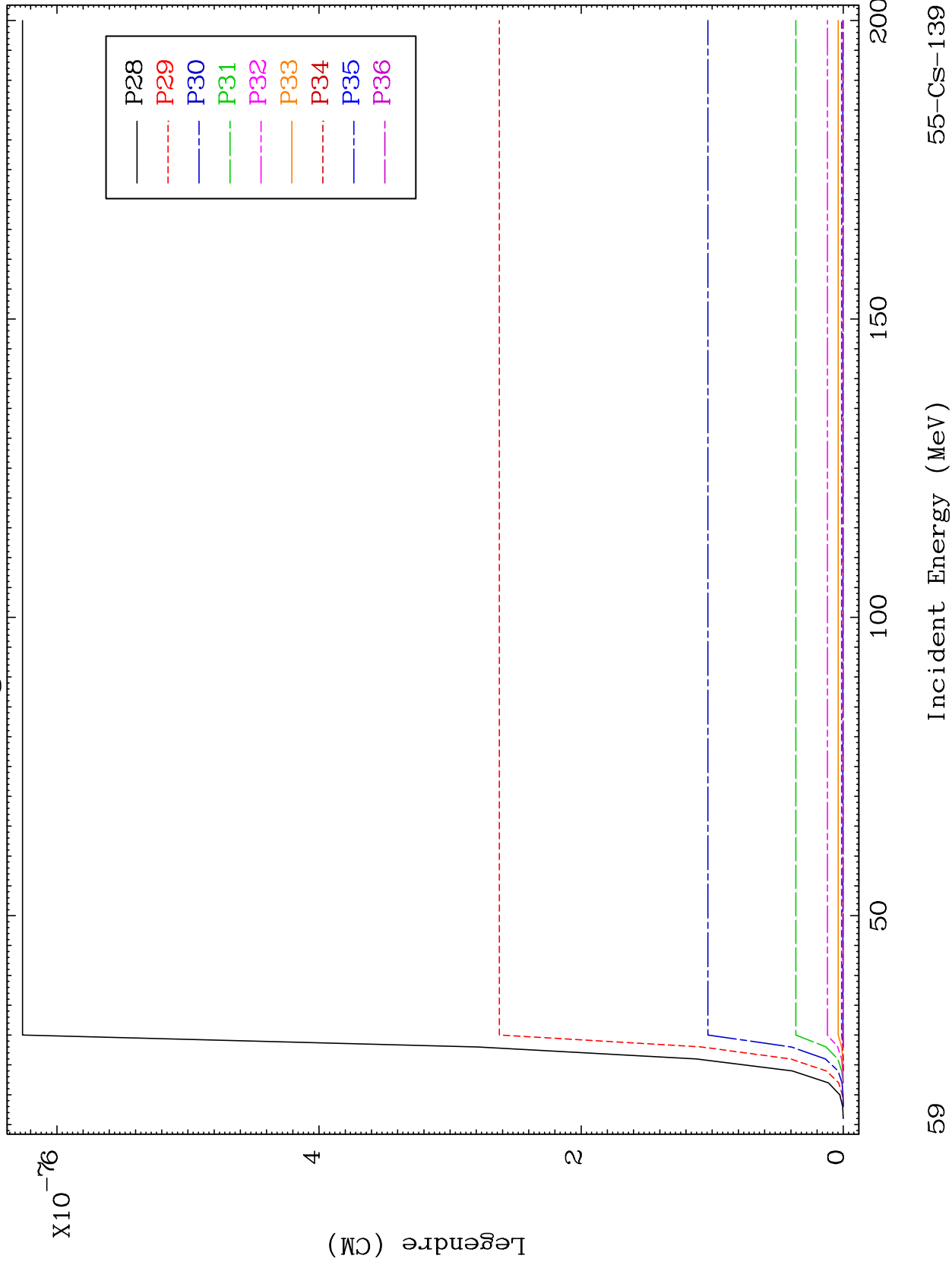
55-Cs-139



MAT 5543

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

55-Cs-139



59

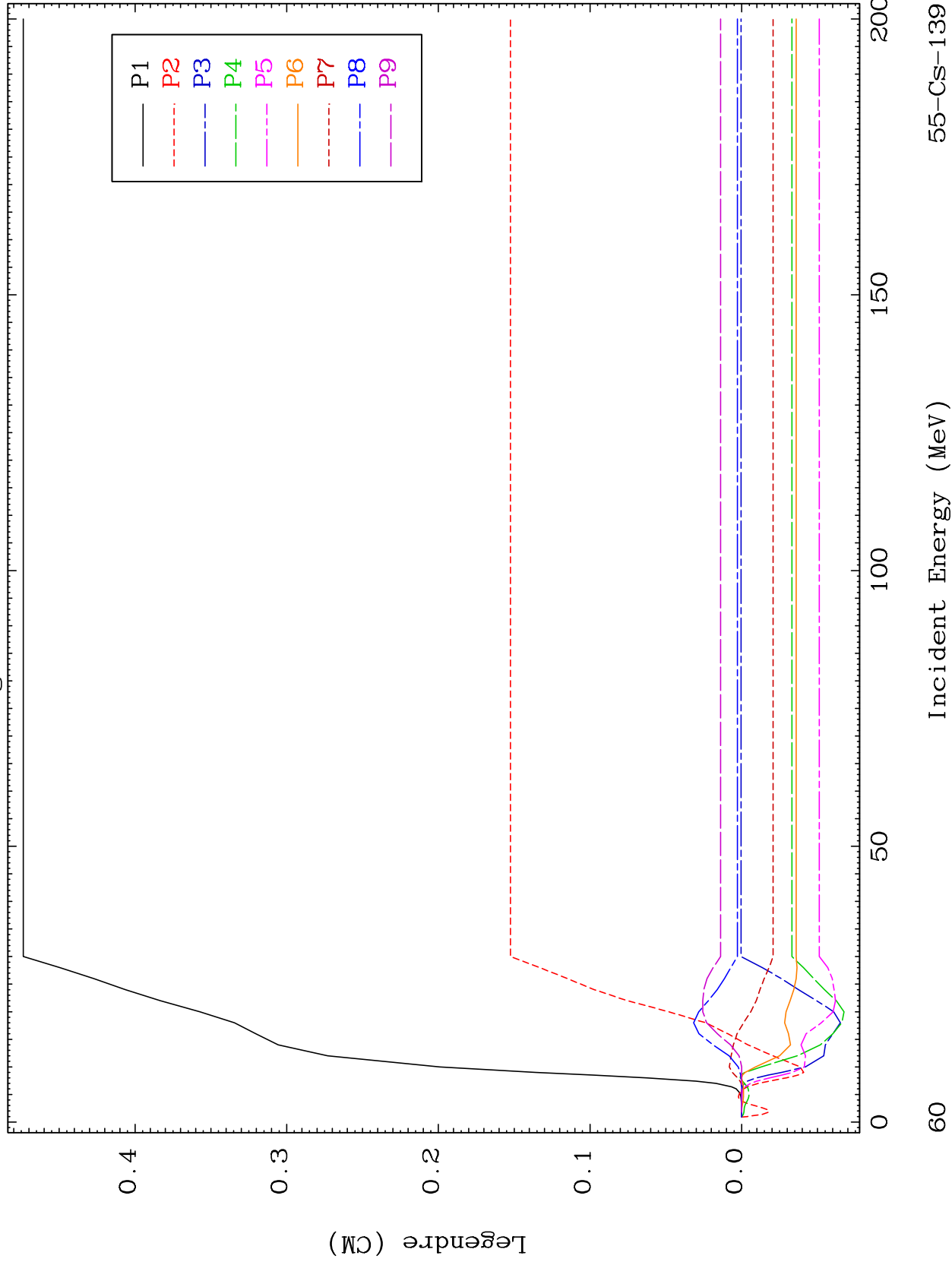
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139

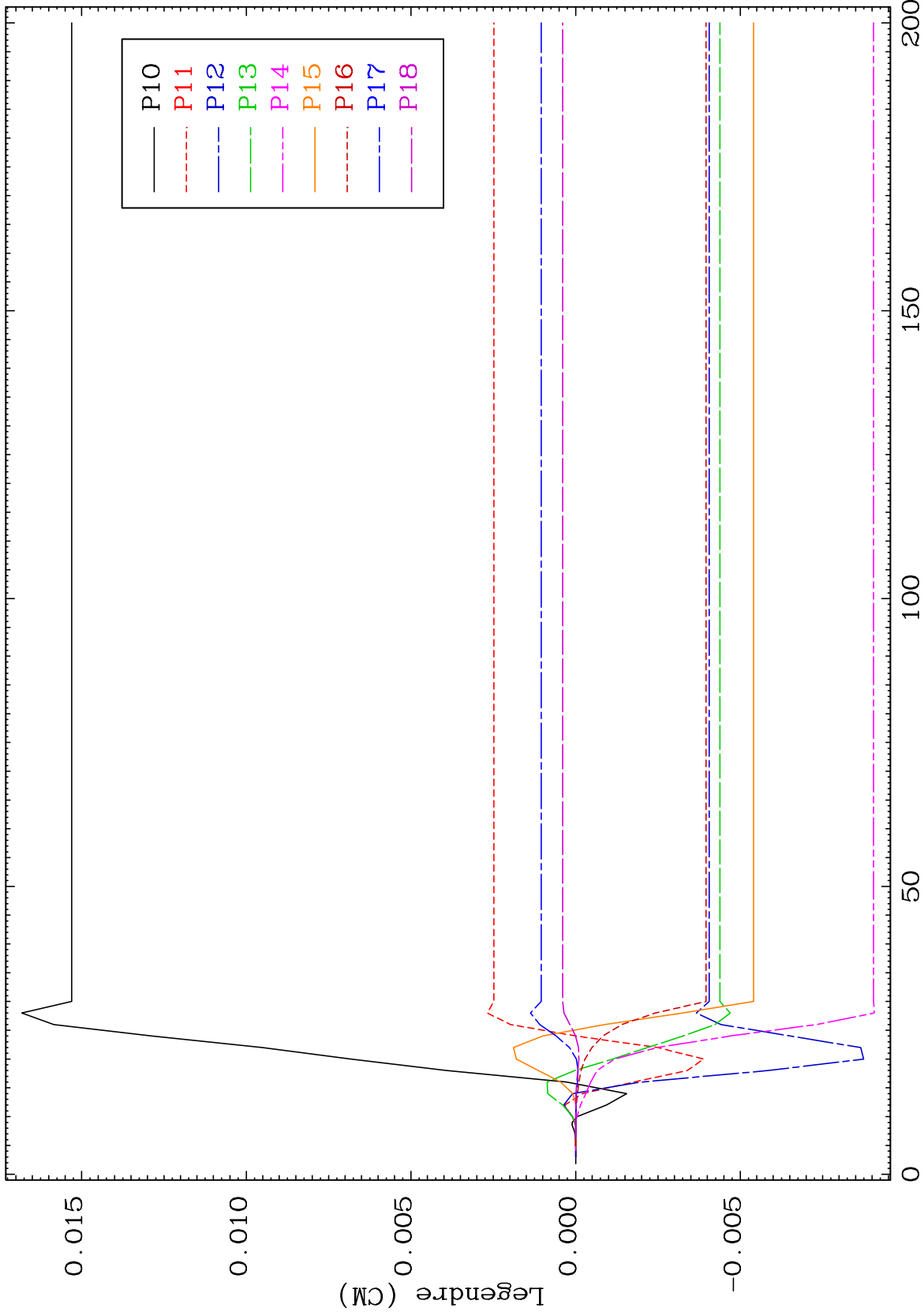


55-Cs-139

MAT 5543

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

55-Cs-139



61

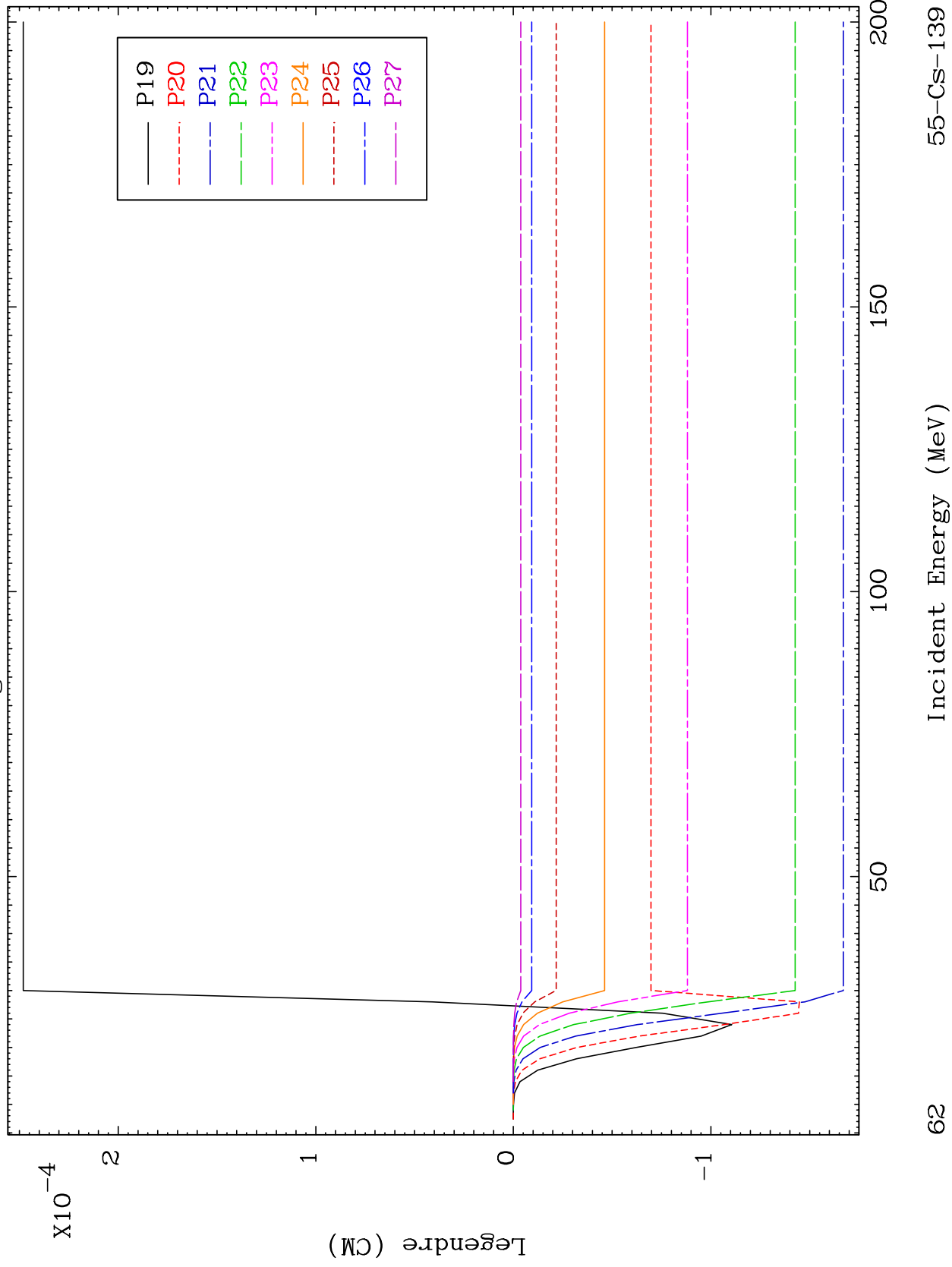
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



62

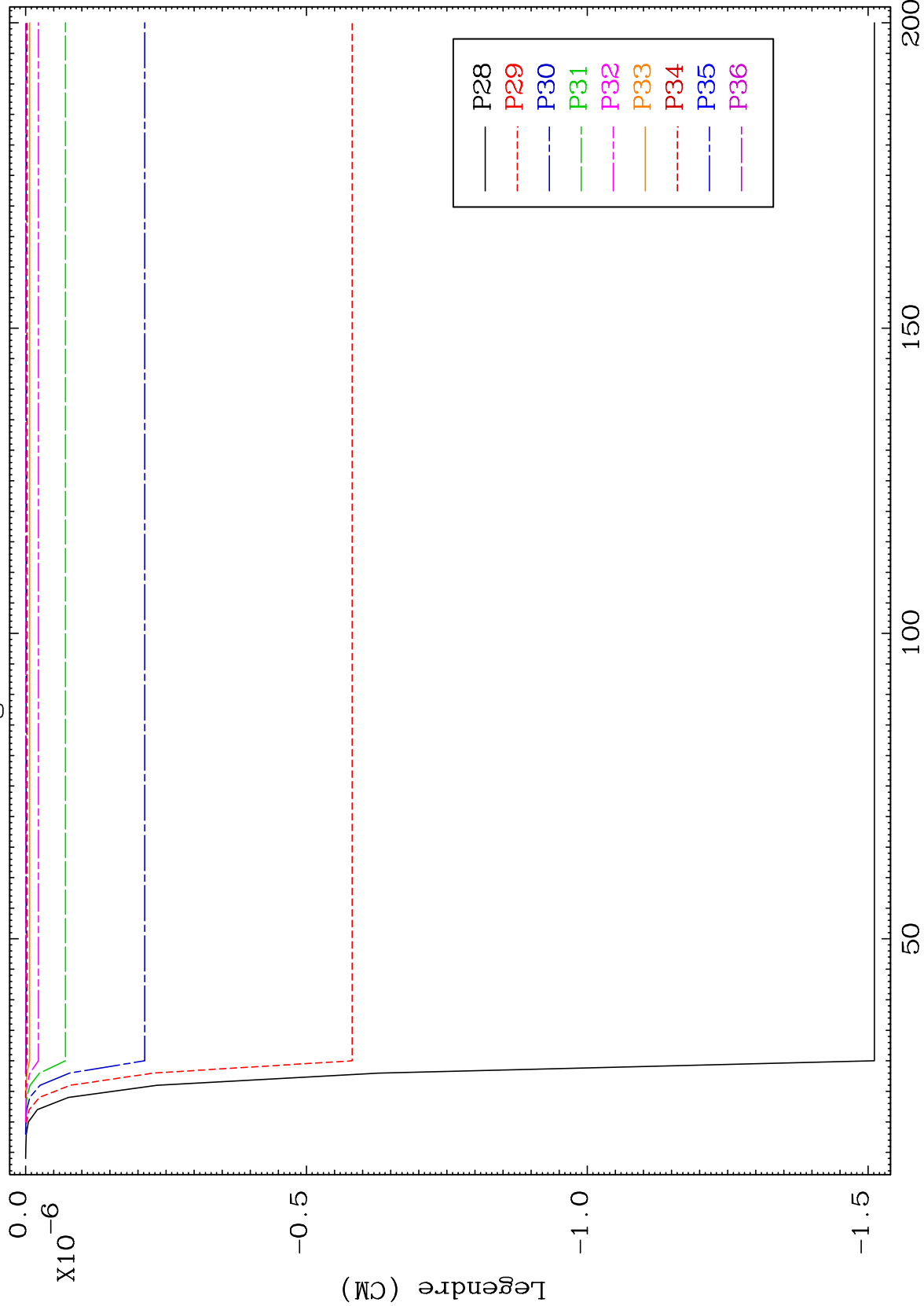
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



55-Cs-139

Incident Energy (MeV)

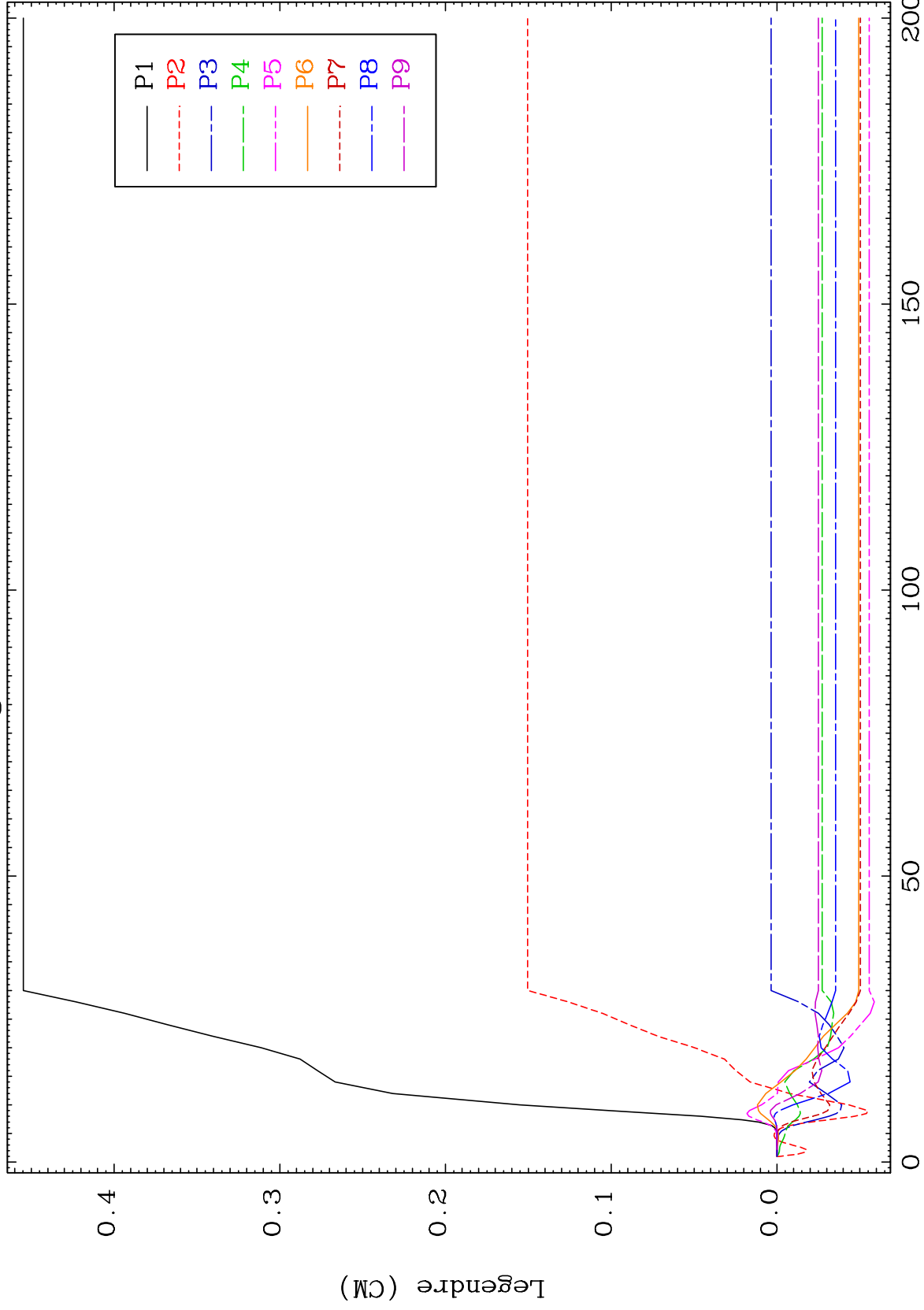
63

MAT 5543

MT= 62 (n,n') Level

55-Cs-139

Legendre Coefficients



64

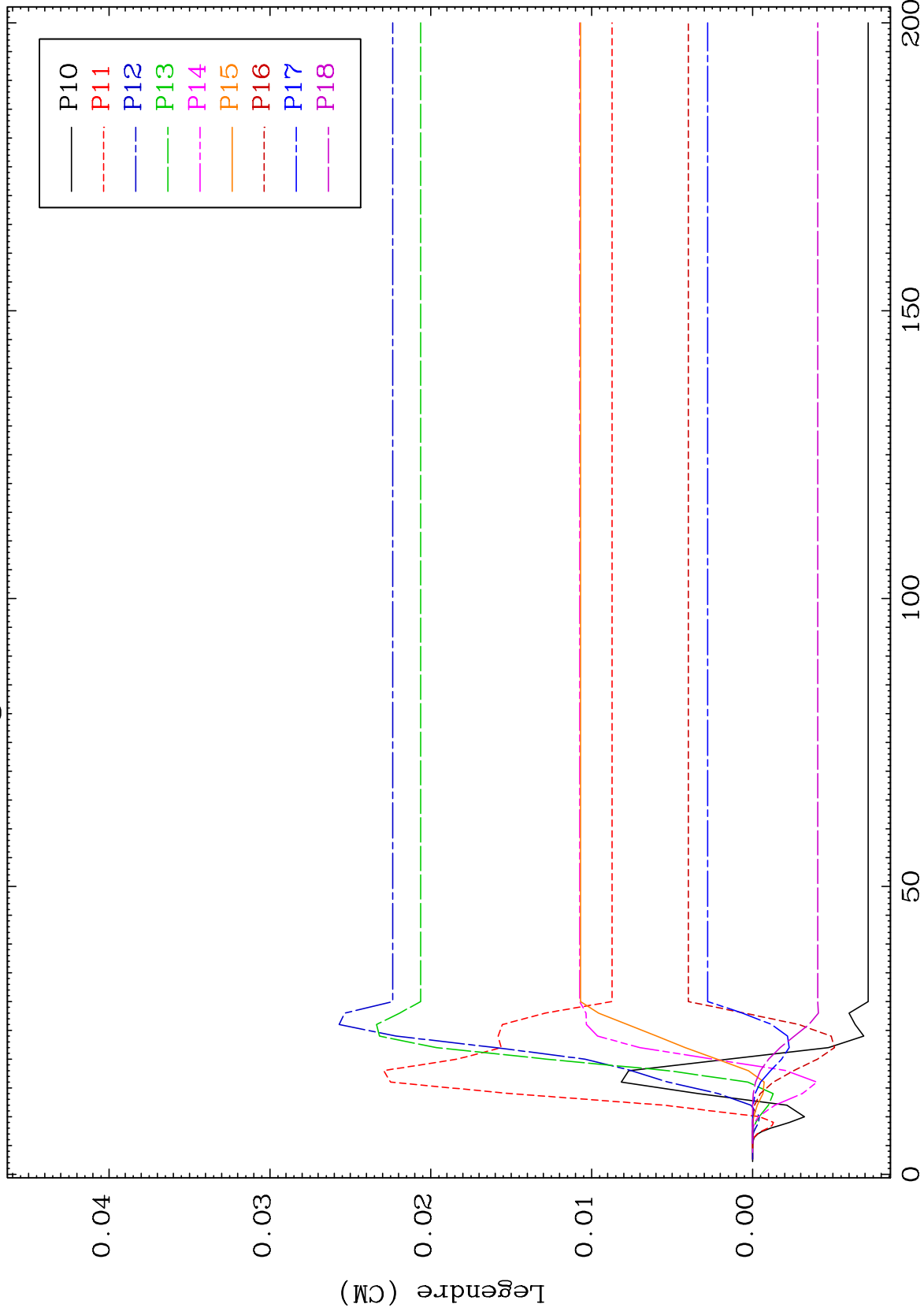
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



65

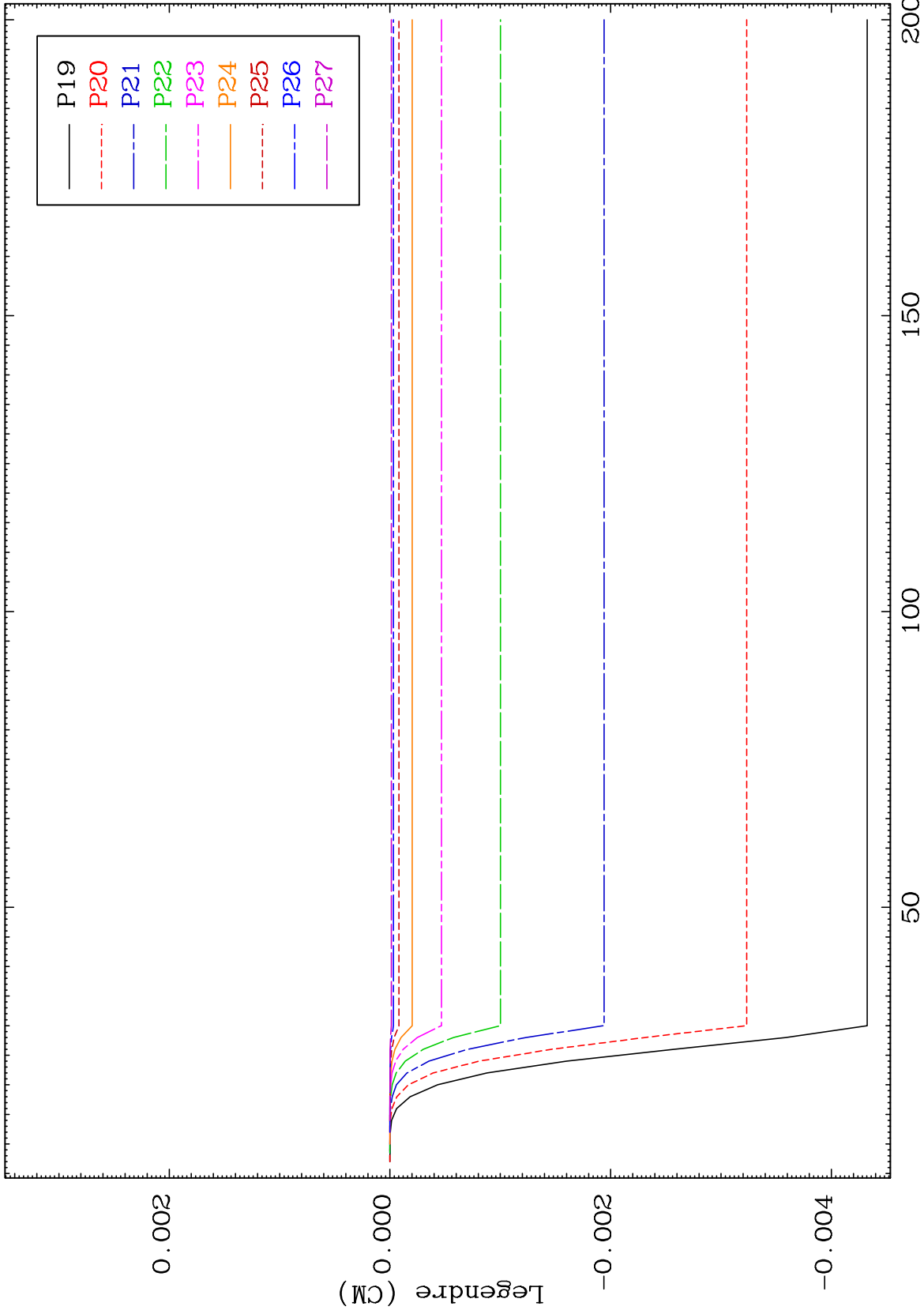
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

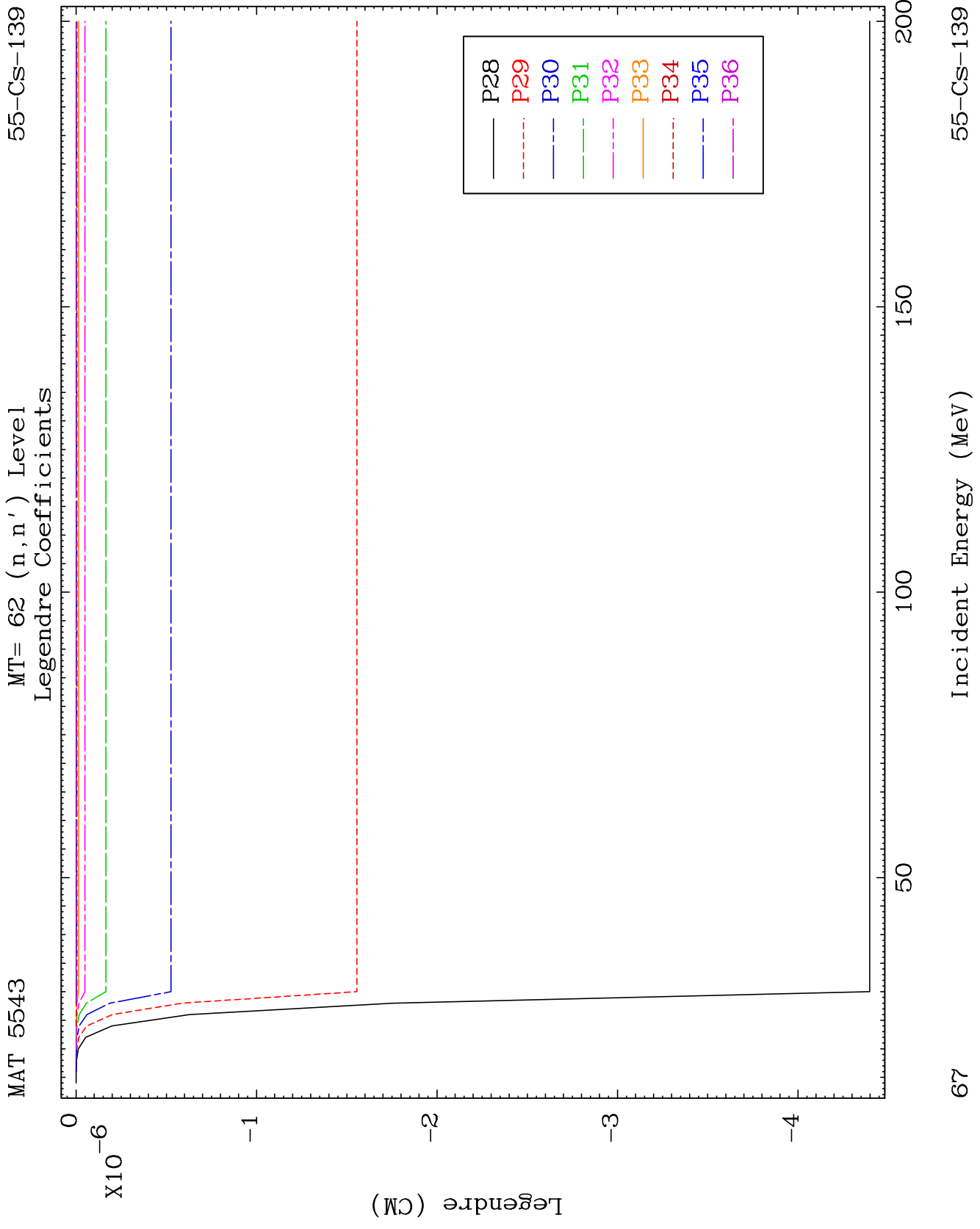
55-Cs-139



66

Incident Energy (MeV)

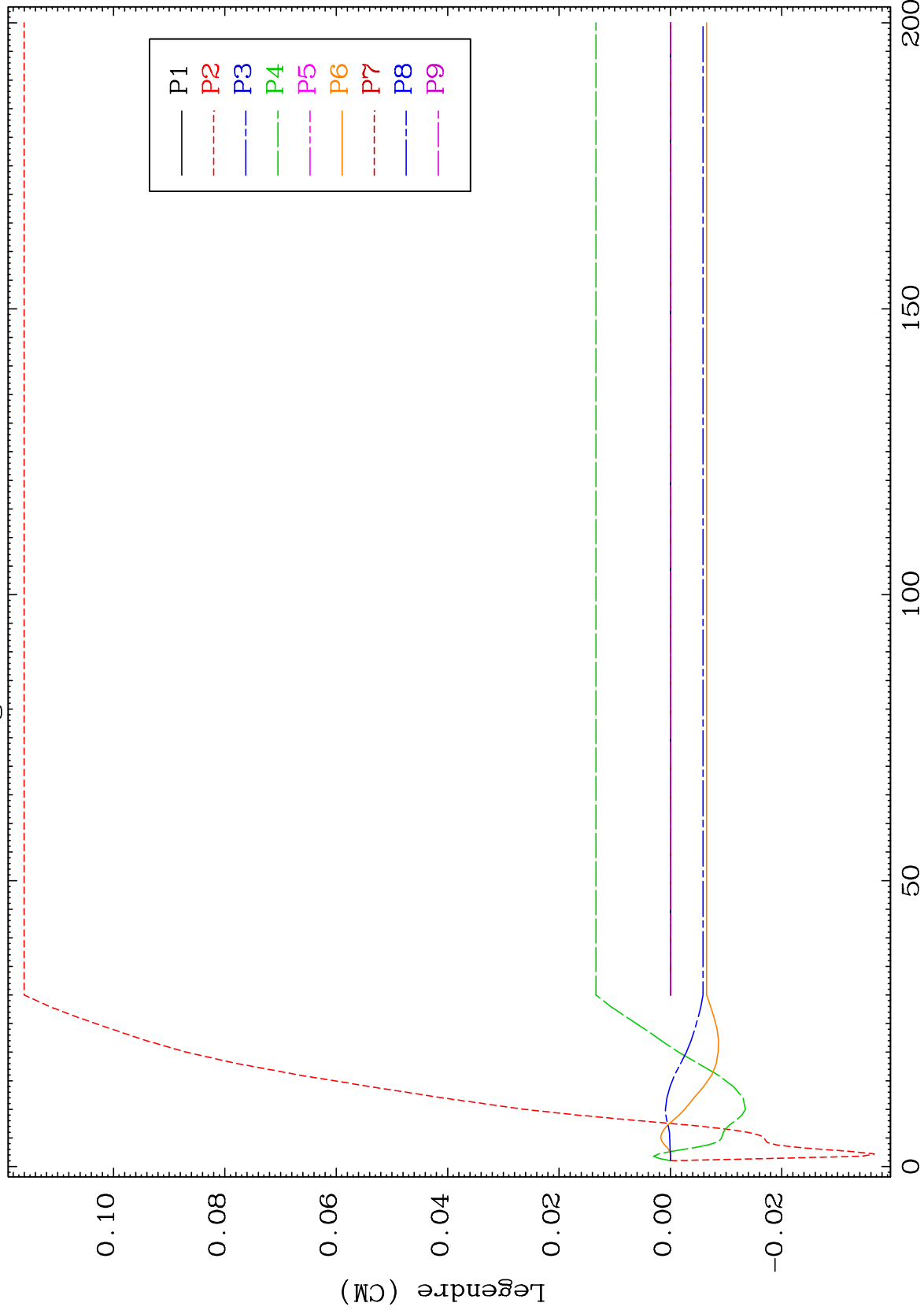
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

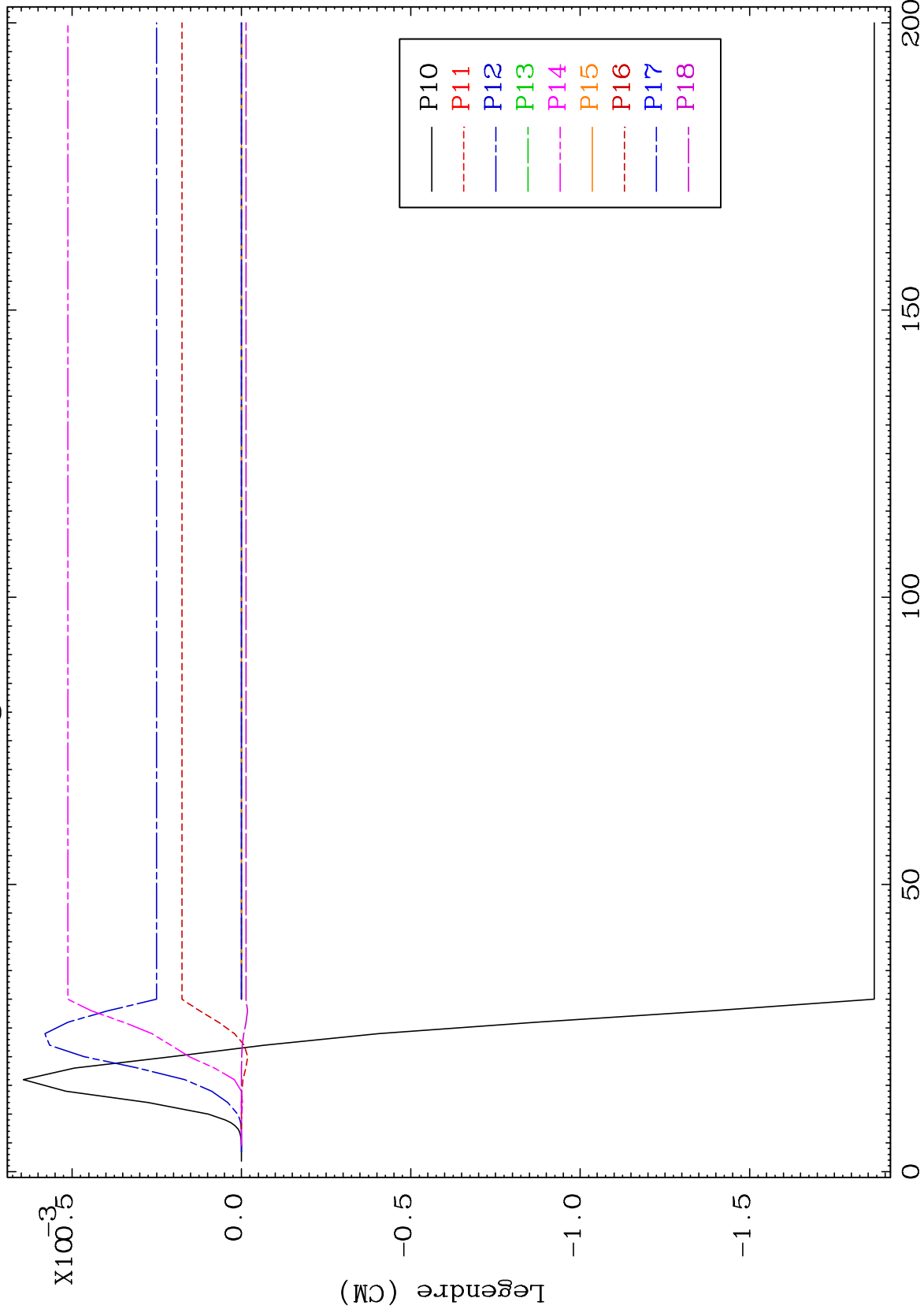
Incident Energy (MeV)

68

MAT 5543

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

55-Cs-139



69

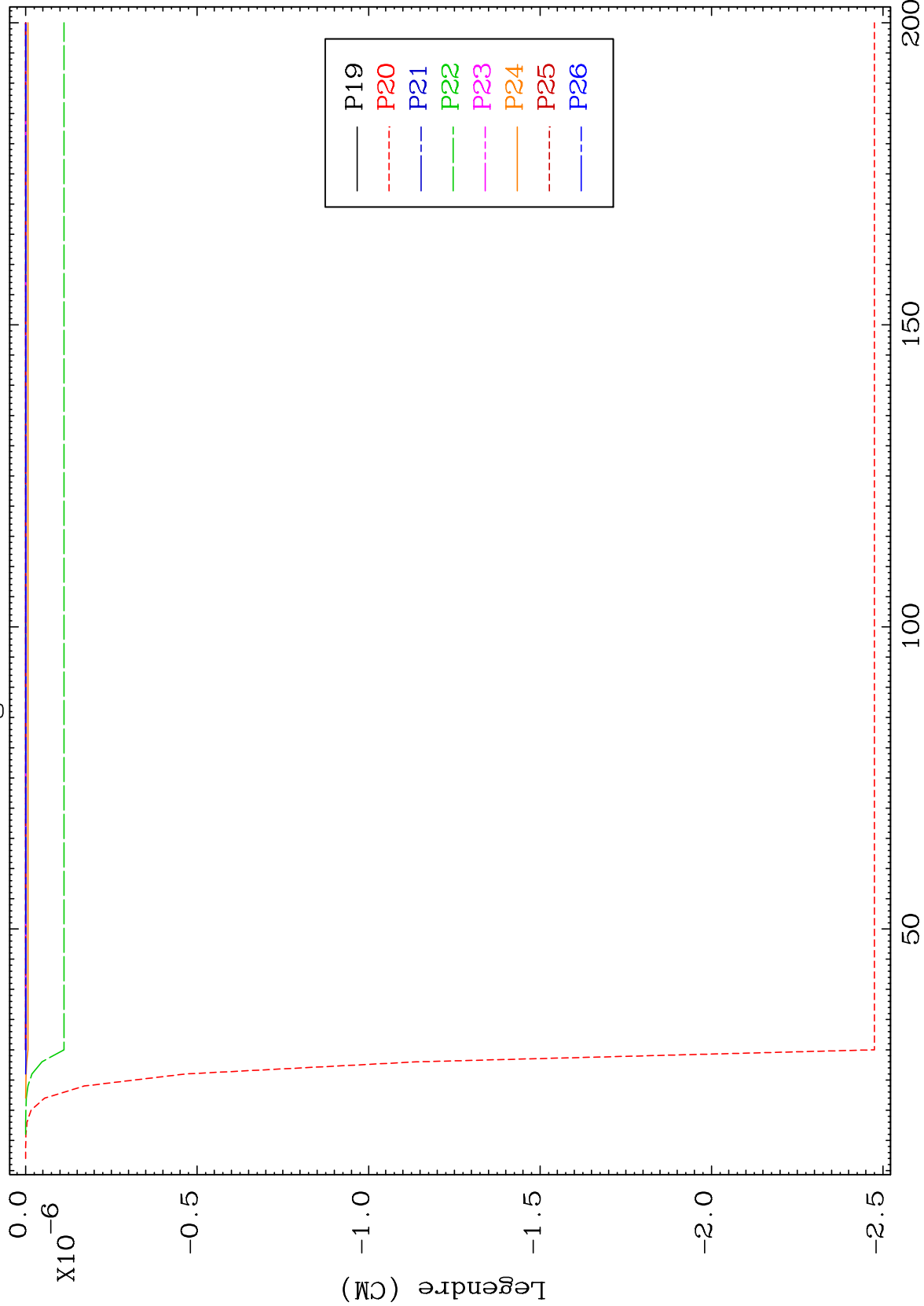
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



55-Cs-139

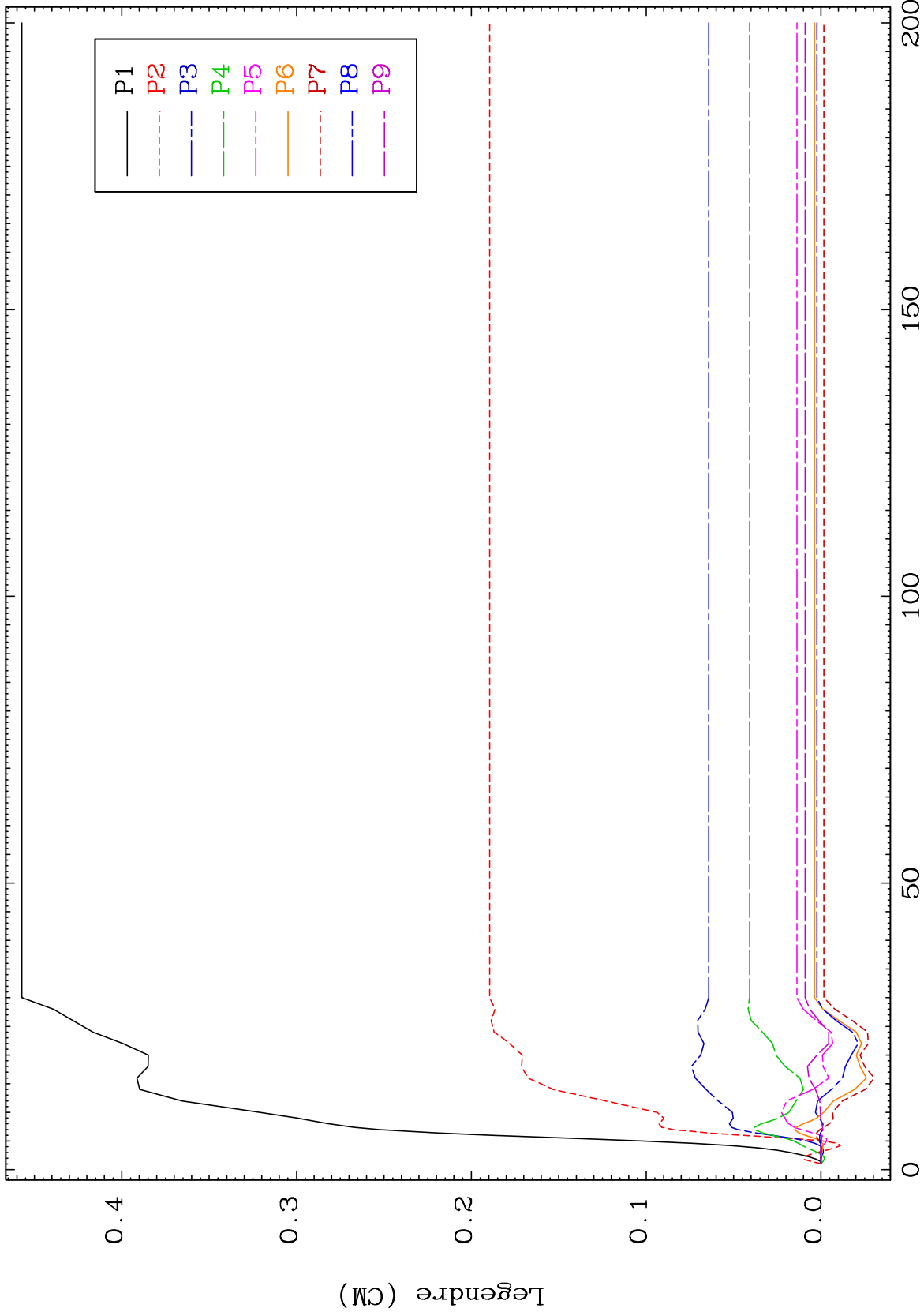
Incident Energy (MeV)

70

MAT 5543

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

55-Cs-139



71

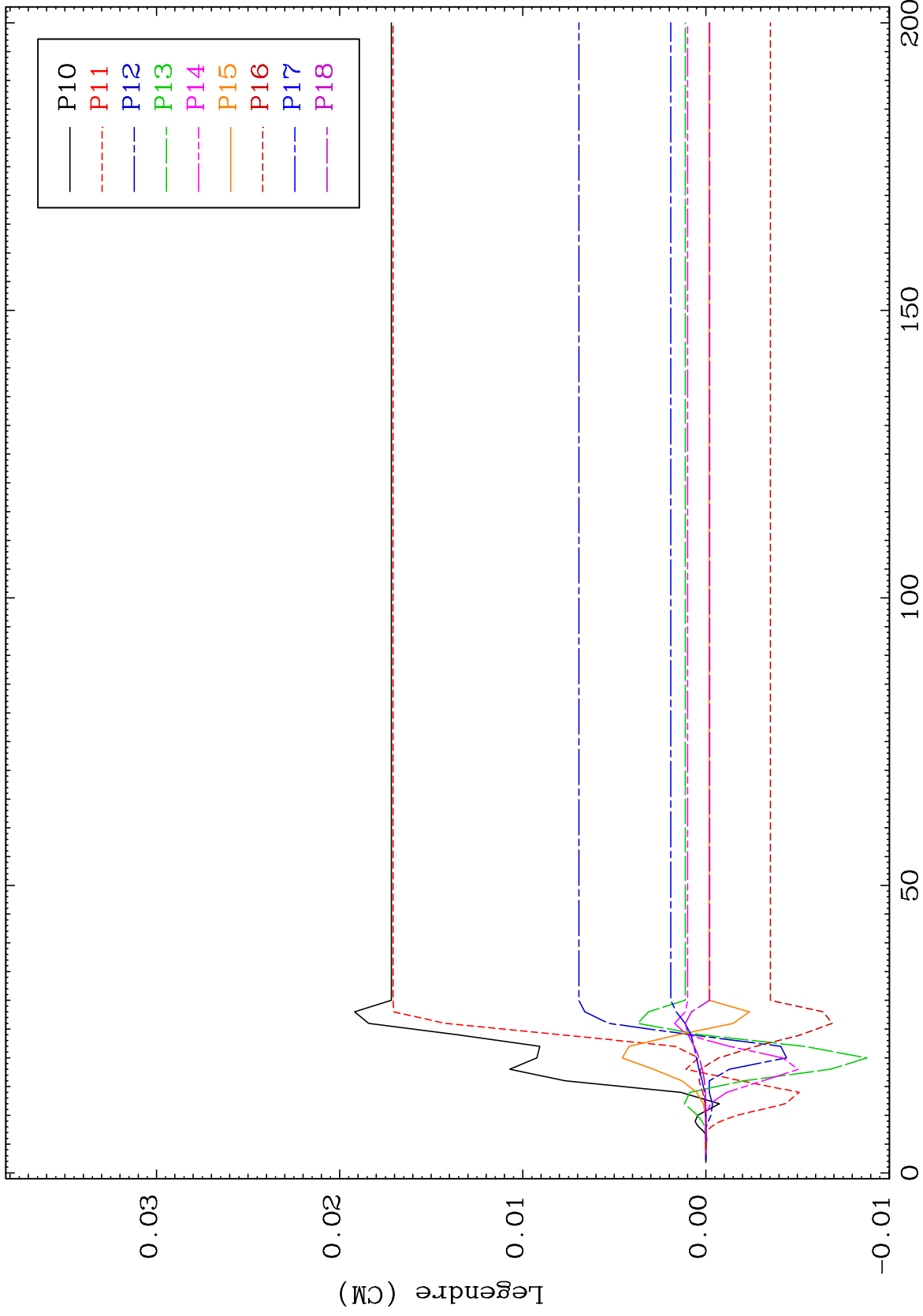
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



72

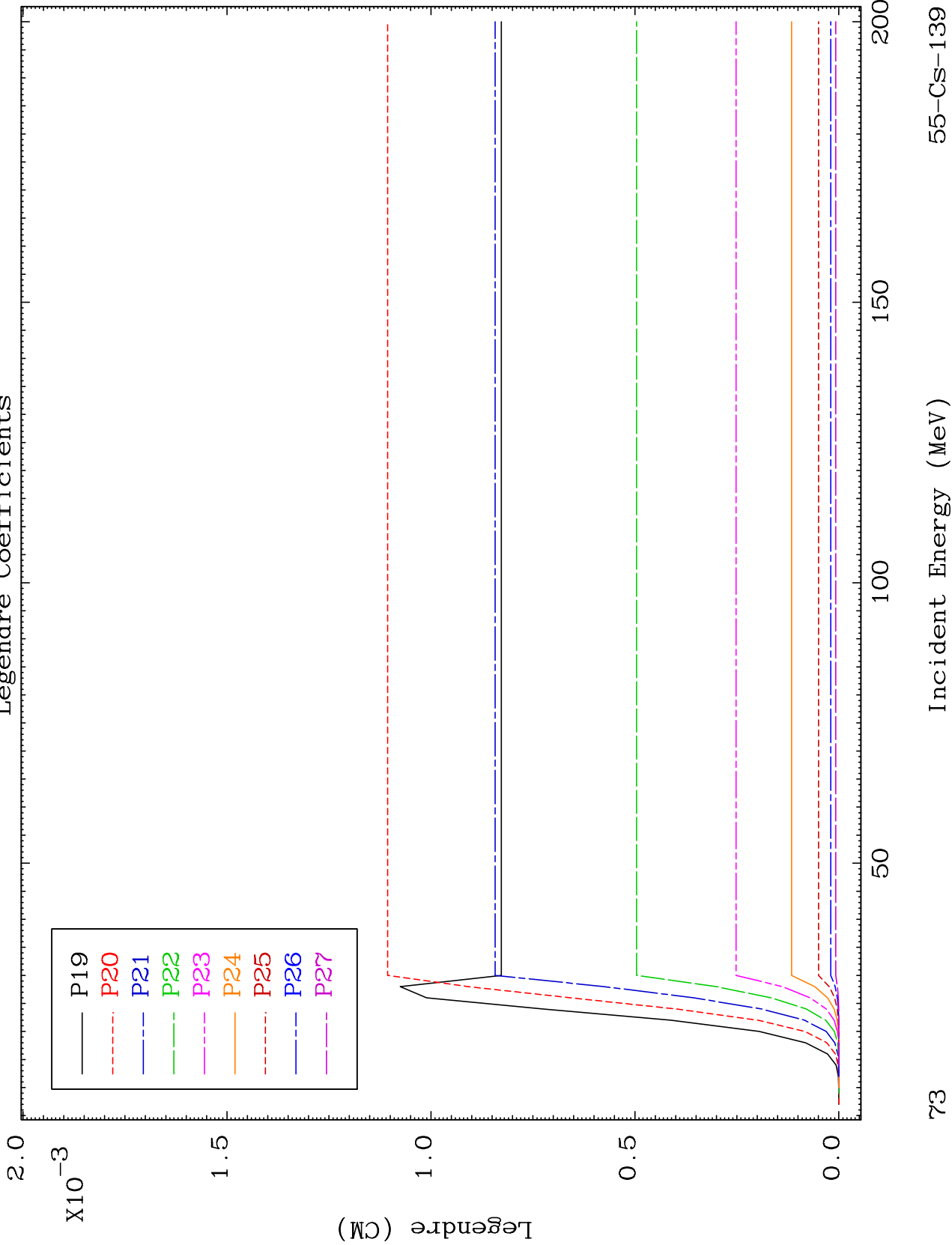
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

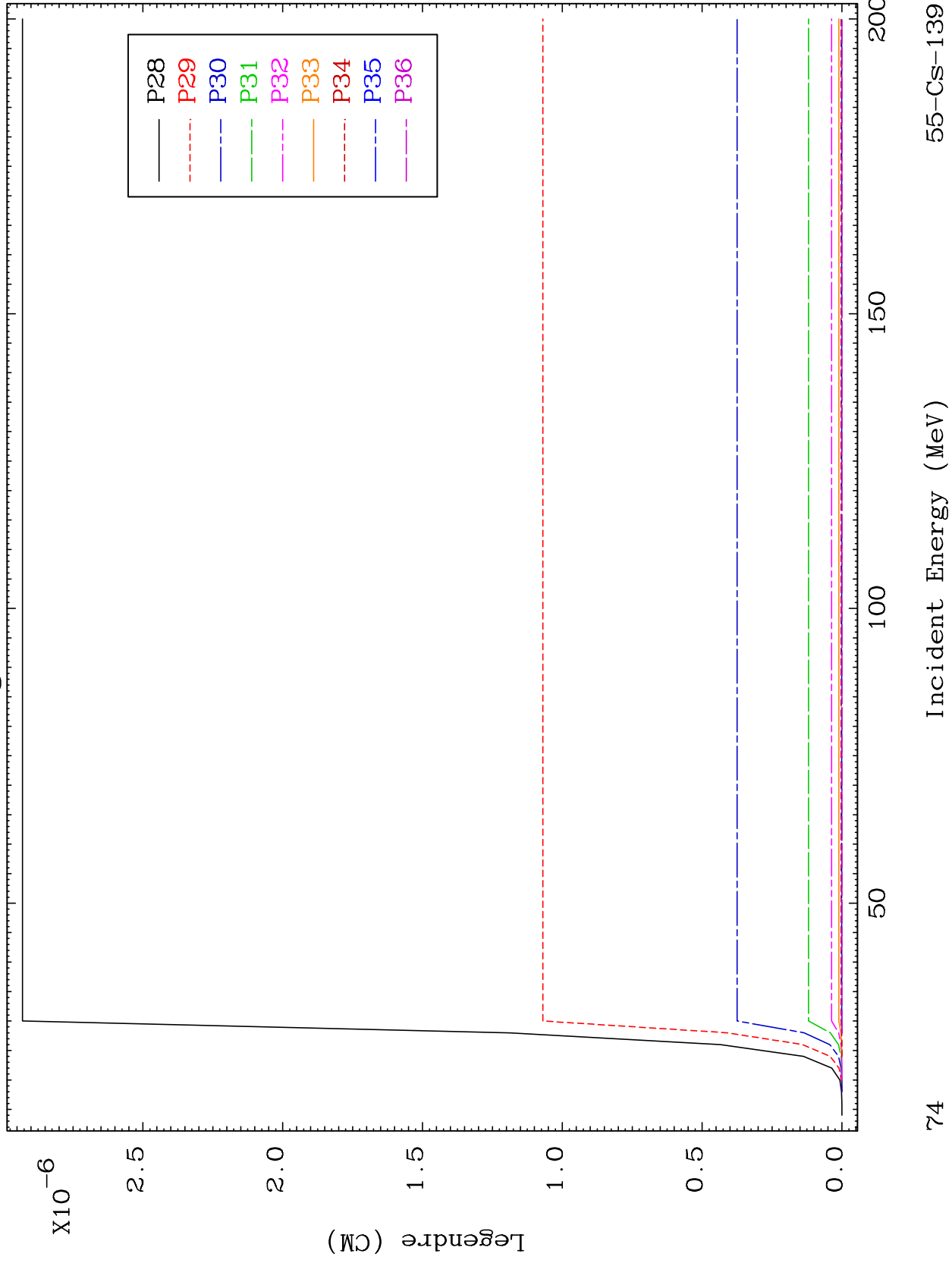
55-Cs-139

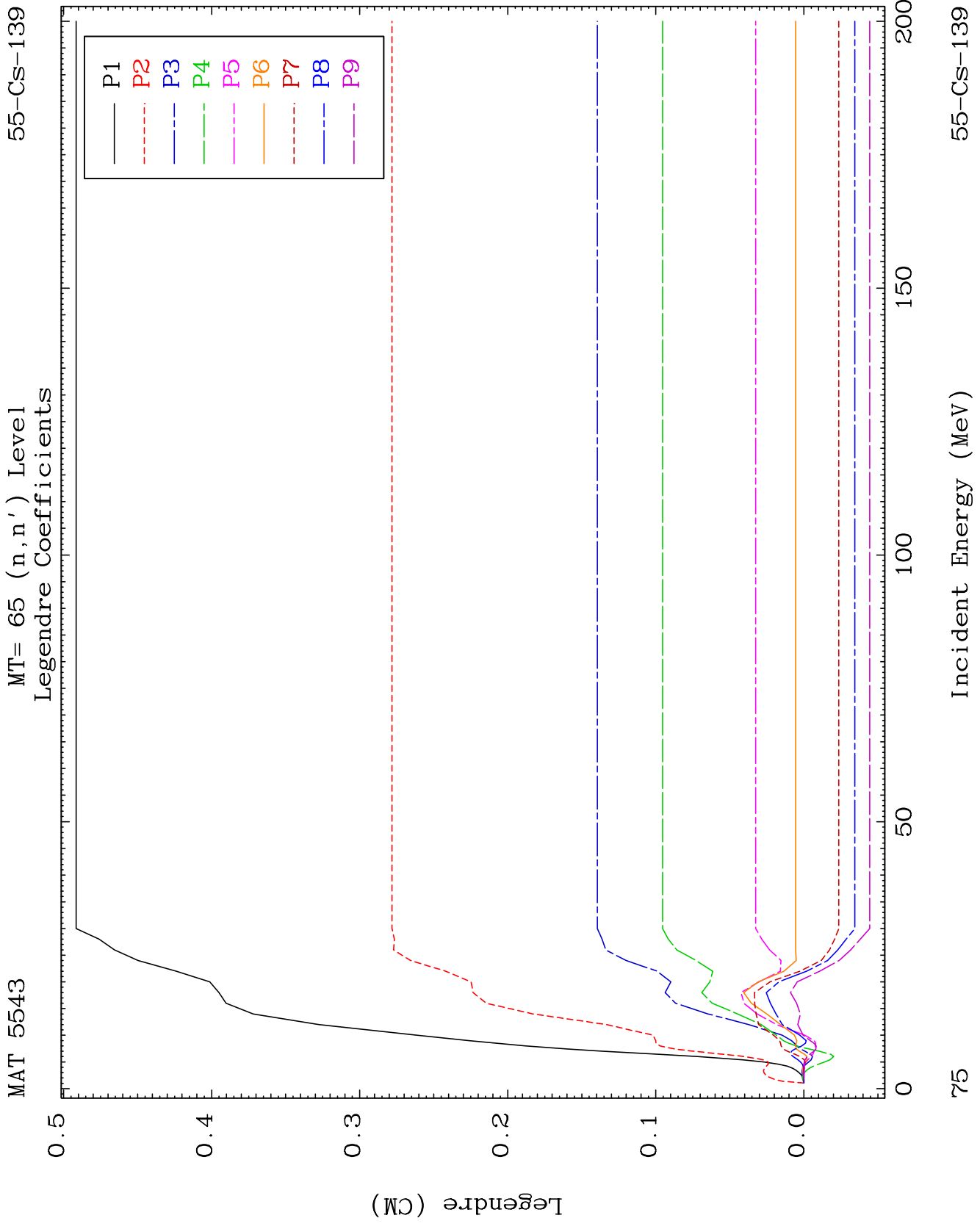


MAT 5543

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

55-Cs-139

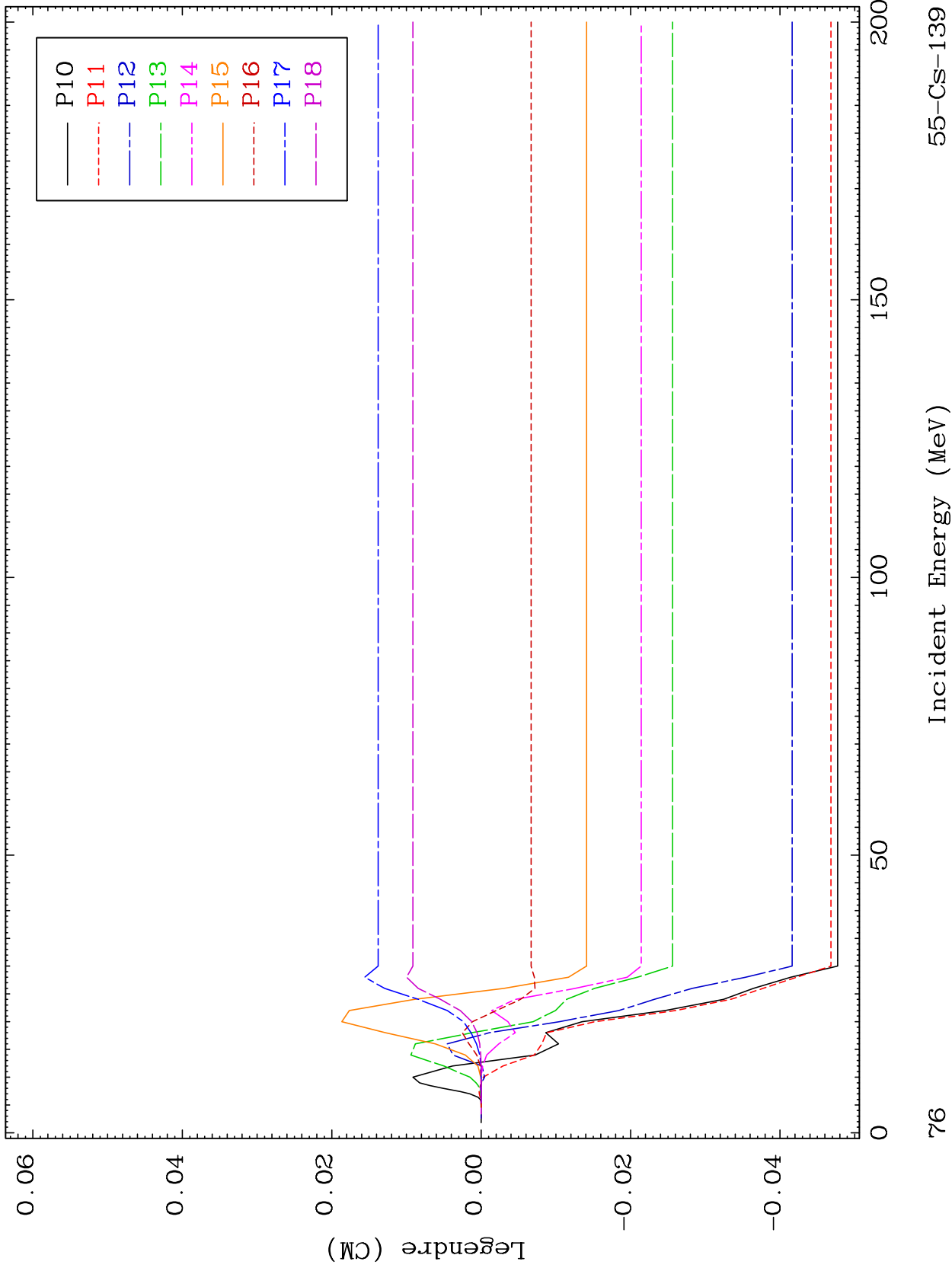




MAT 5543

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

55-Cs-139



76

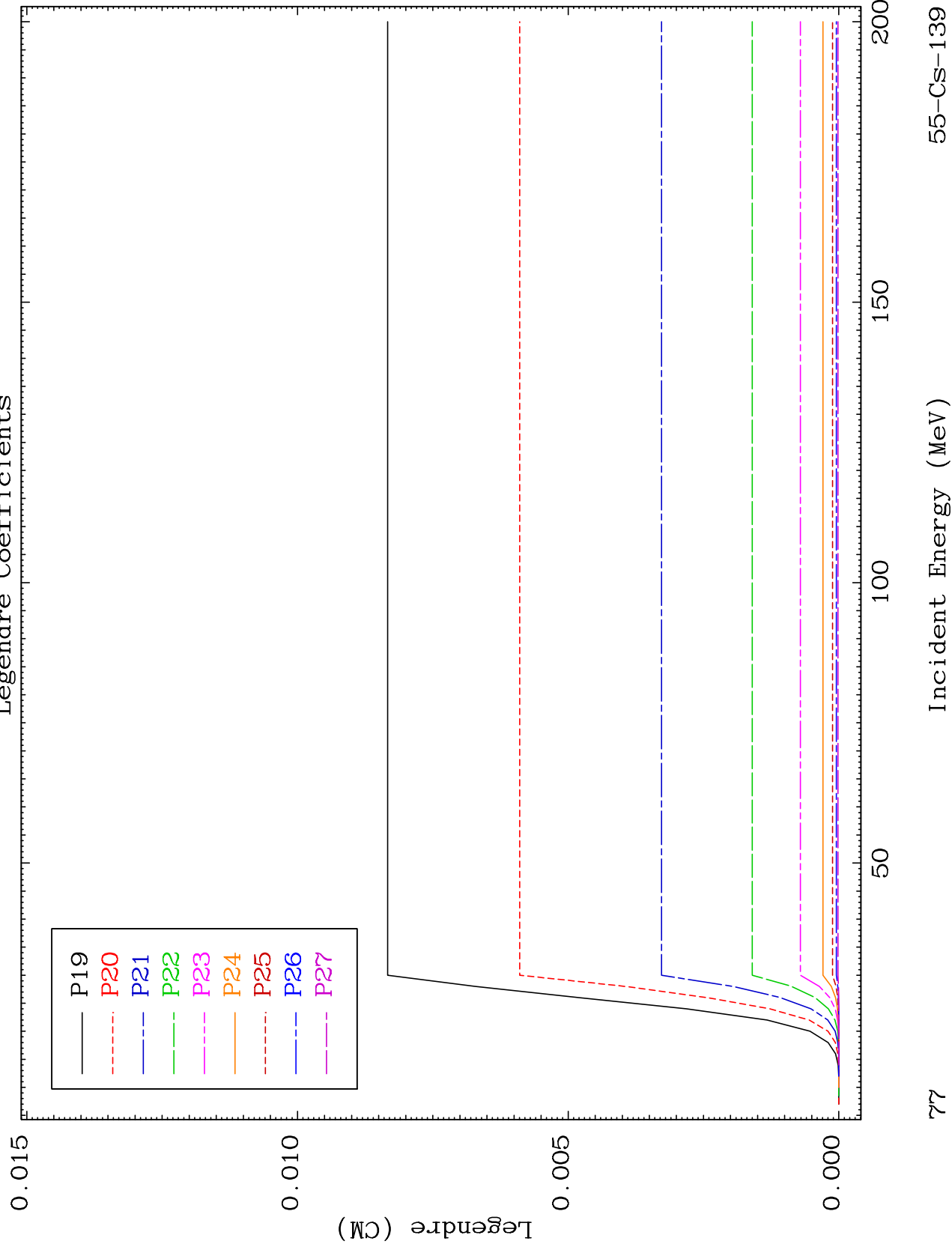
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



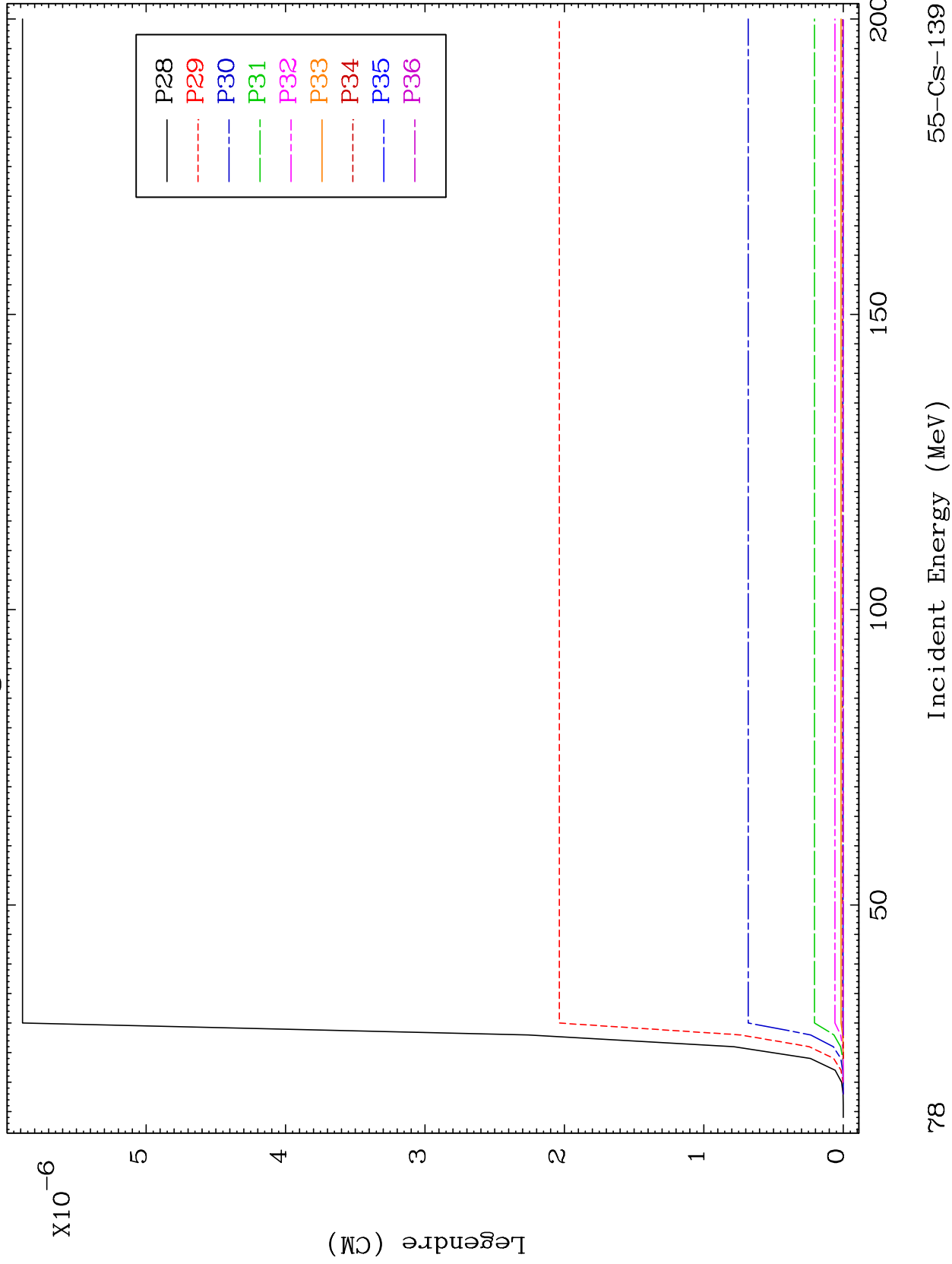
77

55-Cs-139

MAT 5543

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

55-Cs-139

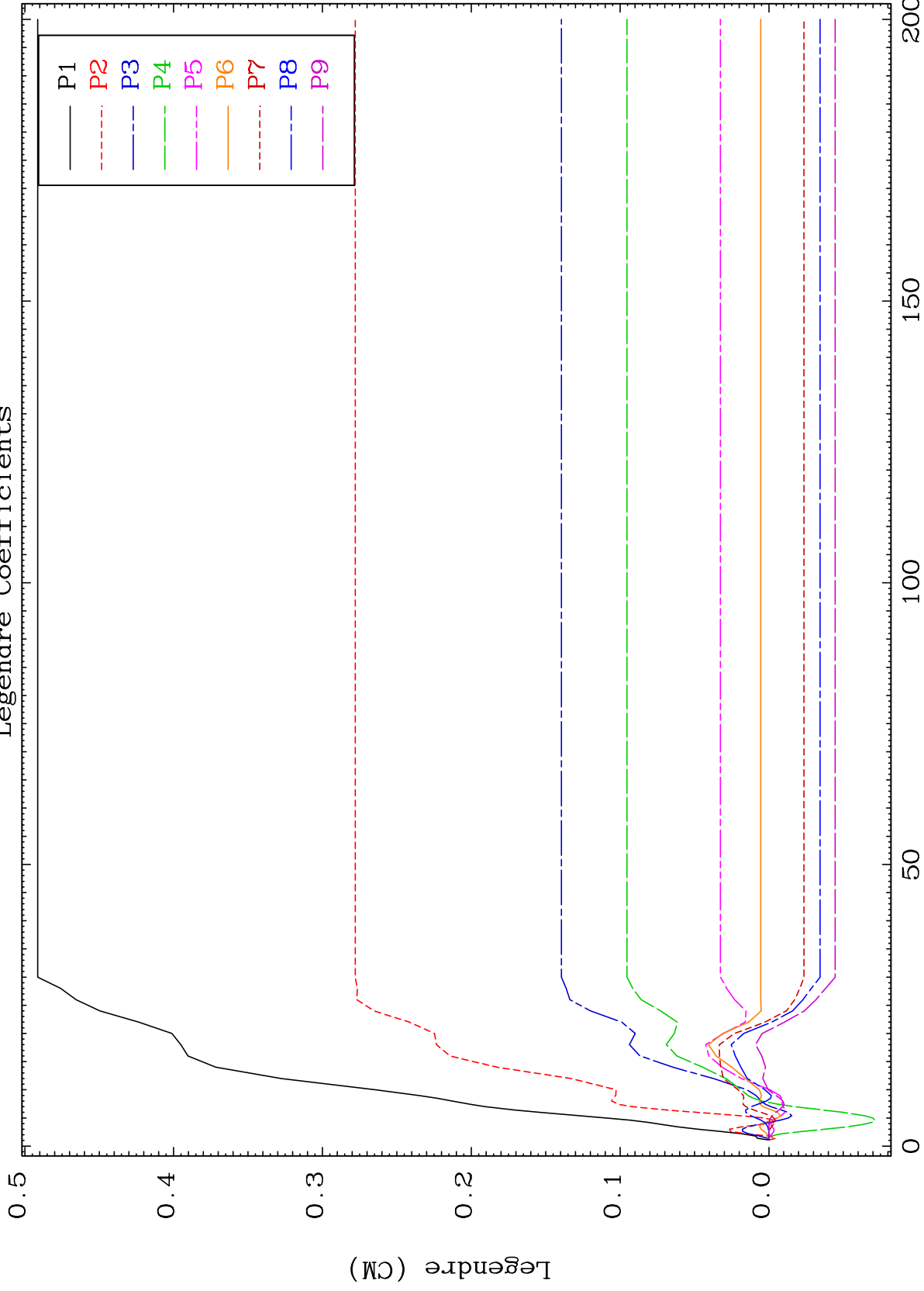


MAT 5543

MT= 66 (n,n') Level

55-Cs-139

Legendre Coefficients



79

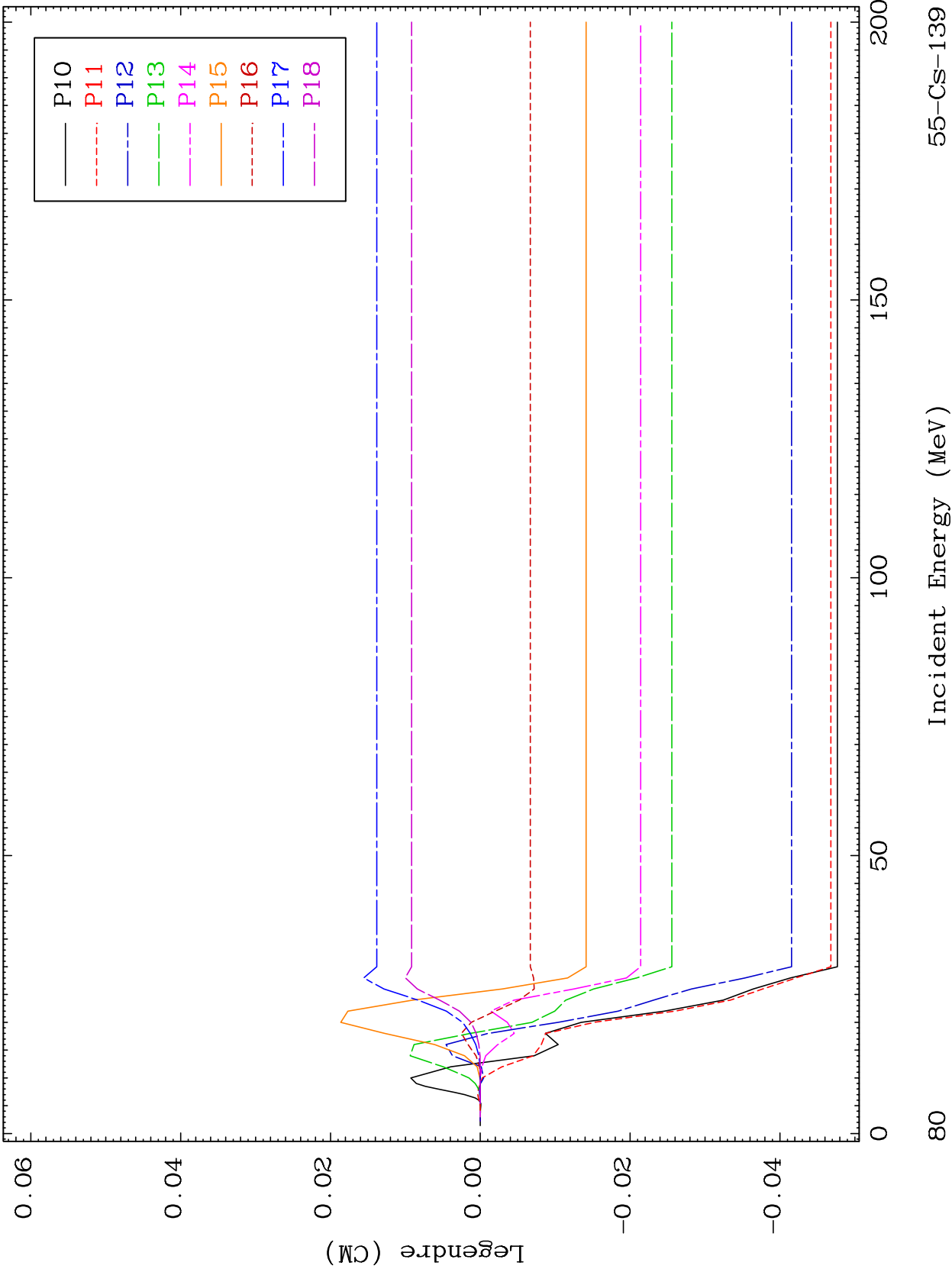
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



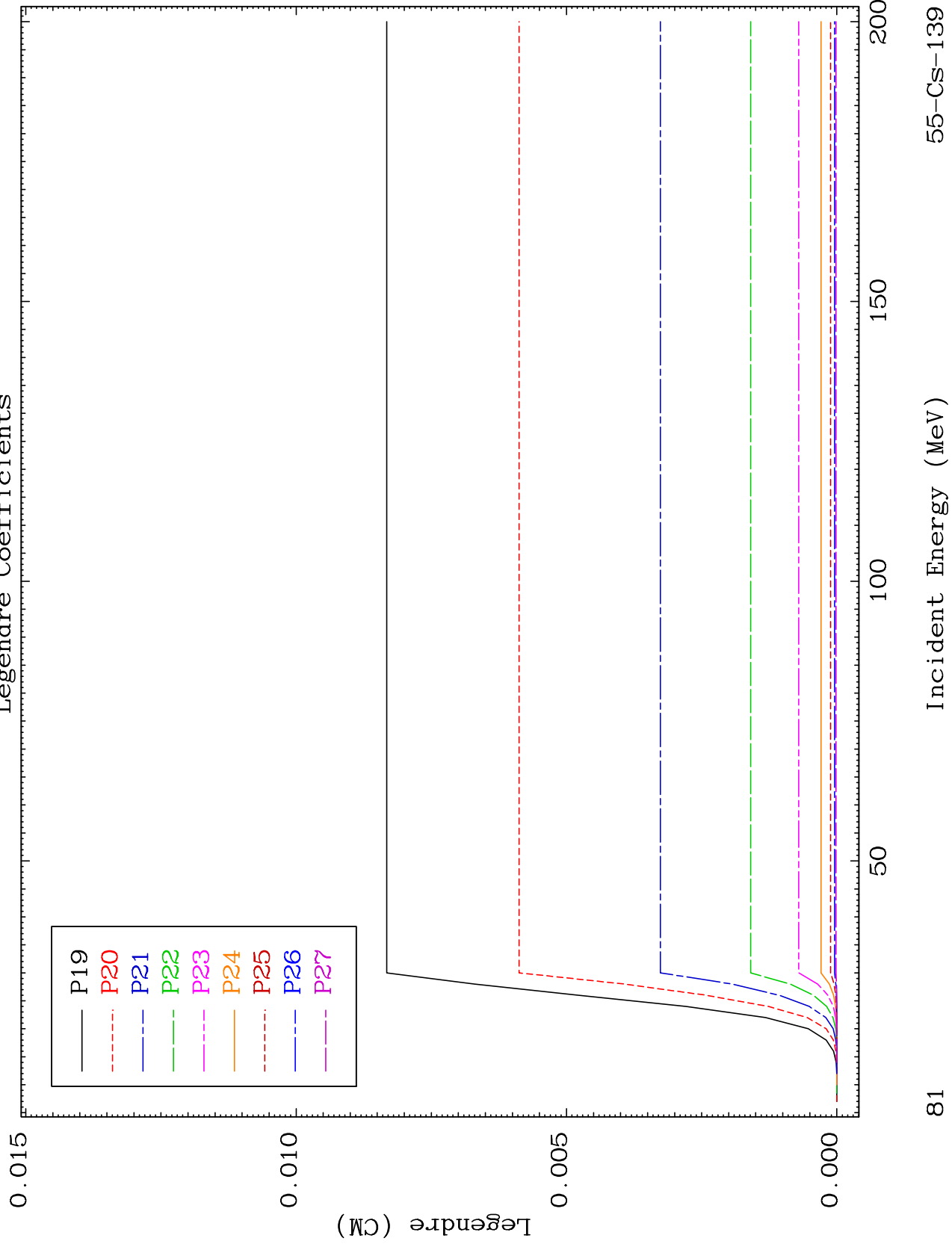
55-Cs-139

Incident Energy (MeV)

MAT 5543

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

55-Cs-139



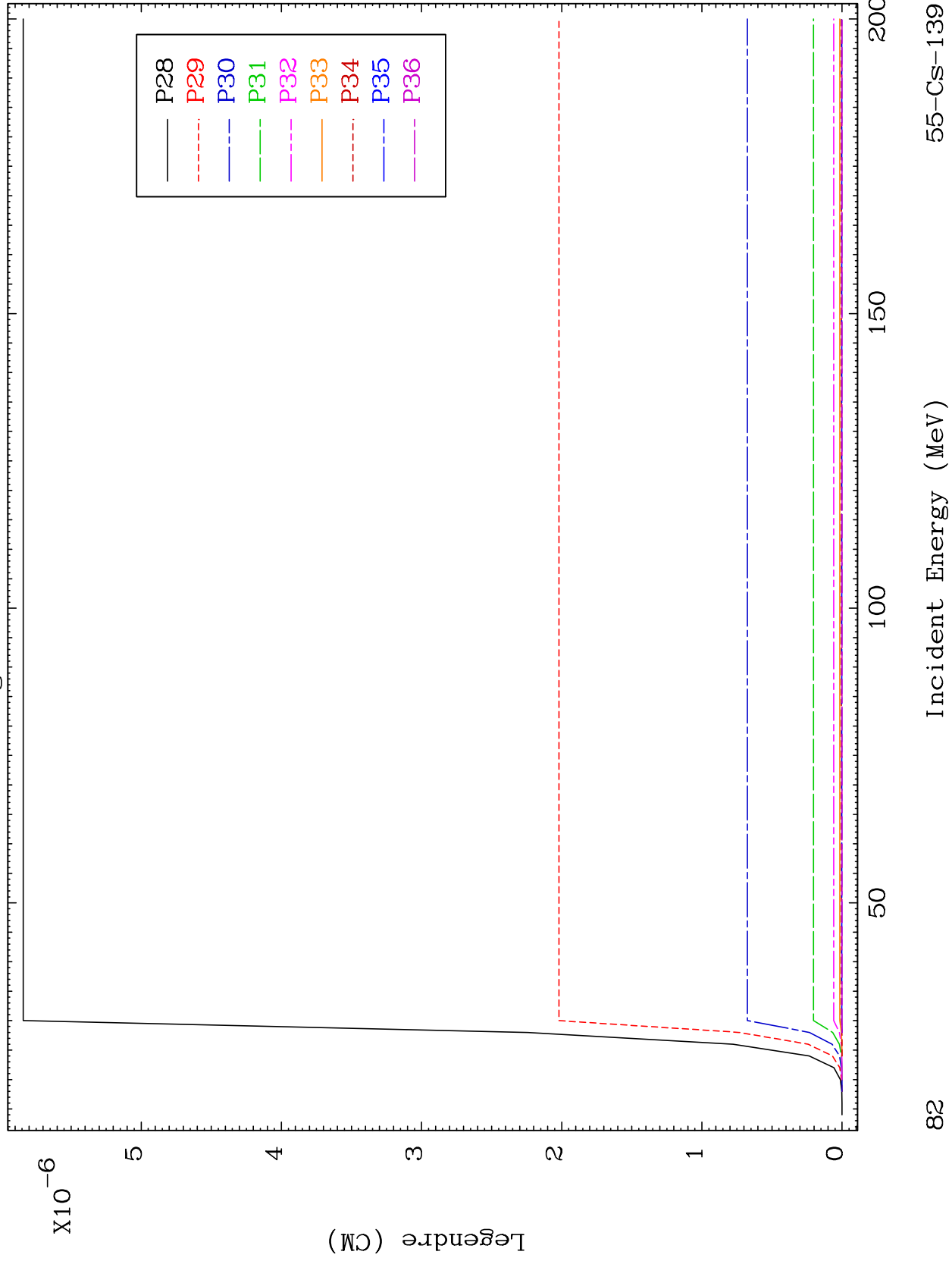
81

55-Cs-139

MAT 5543

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

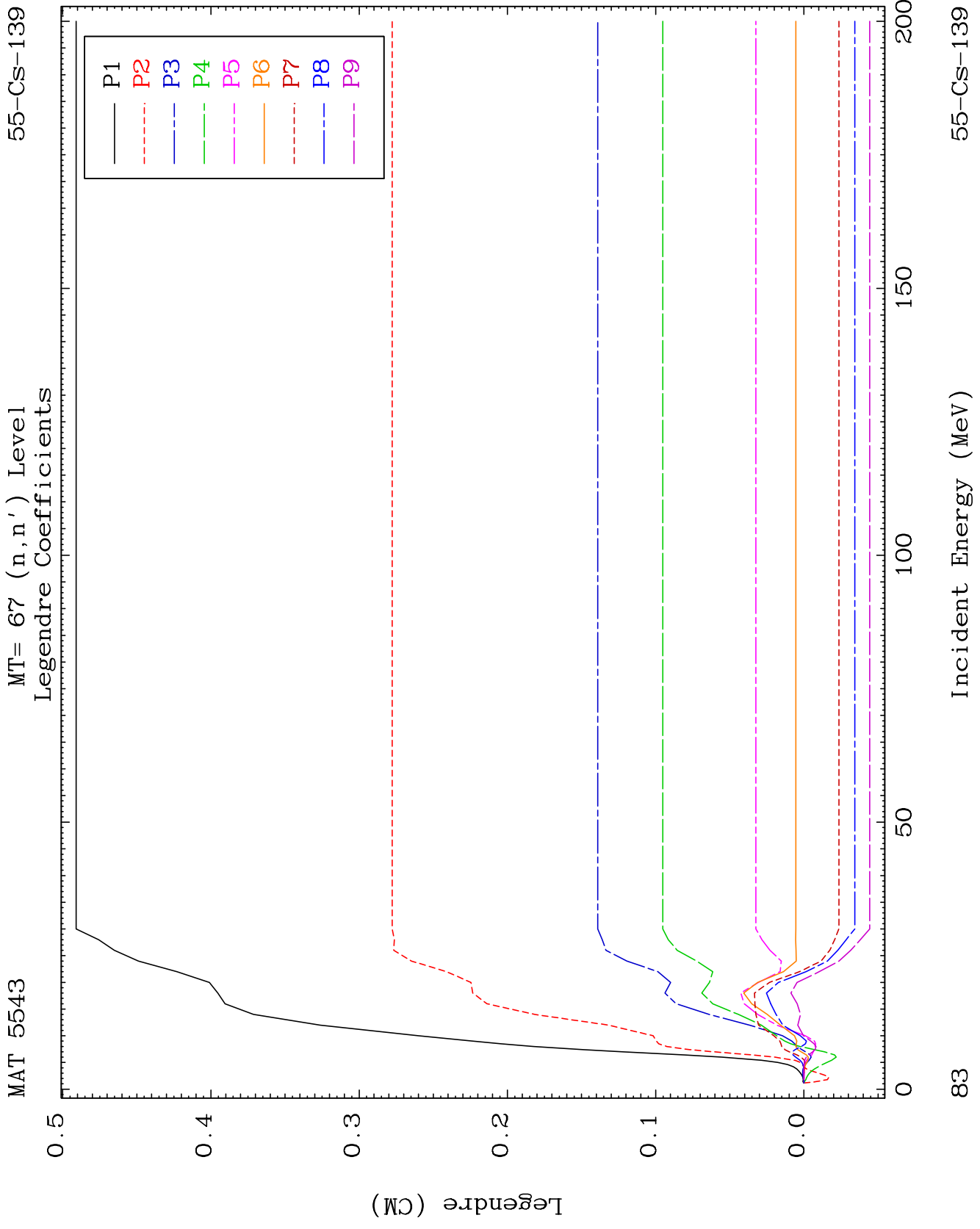
55-Cs-139



82

Incident Energy (MeV)

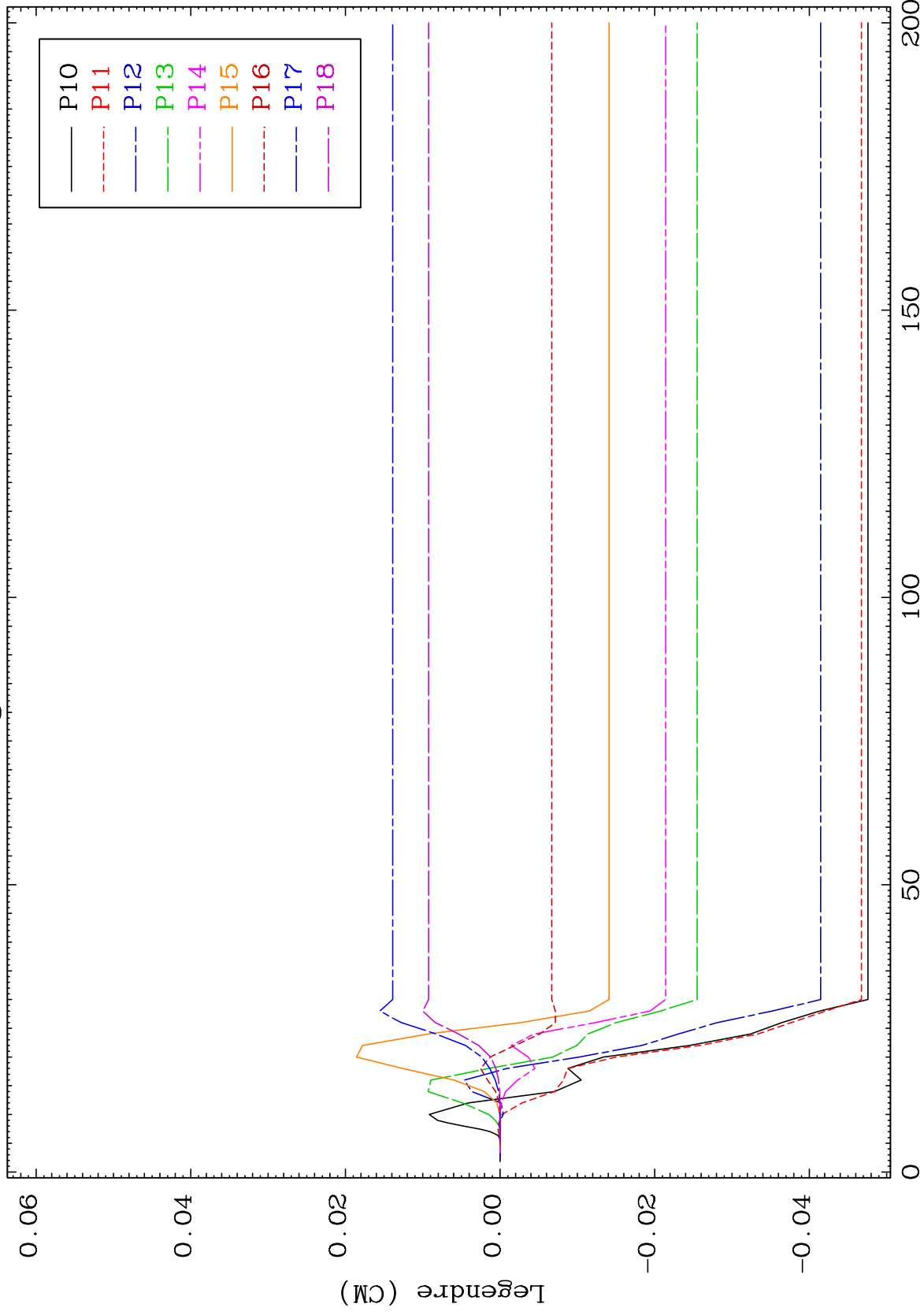
55-Cs-139



MAT 5543

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

55-Cs-139



84

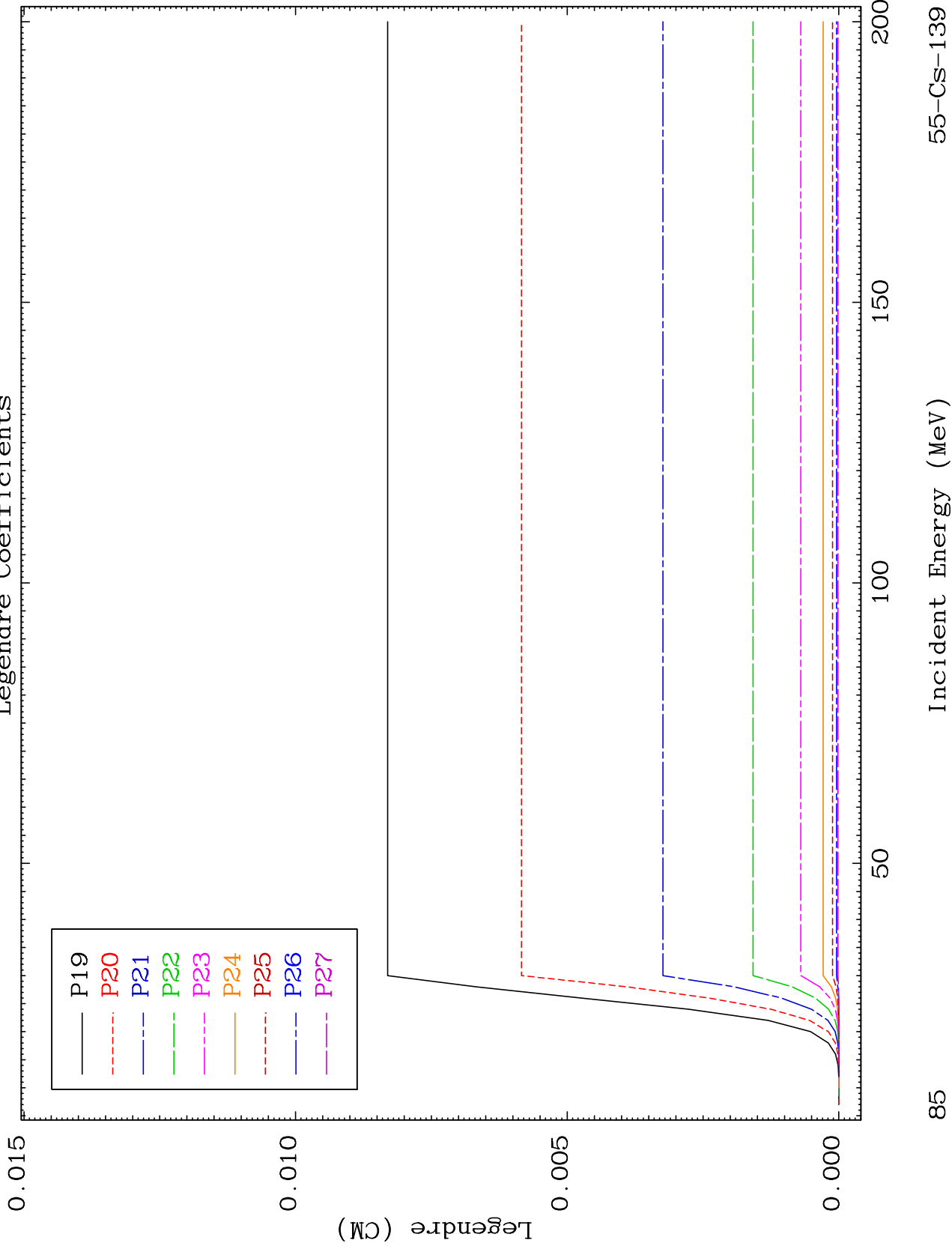
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



85

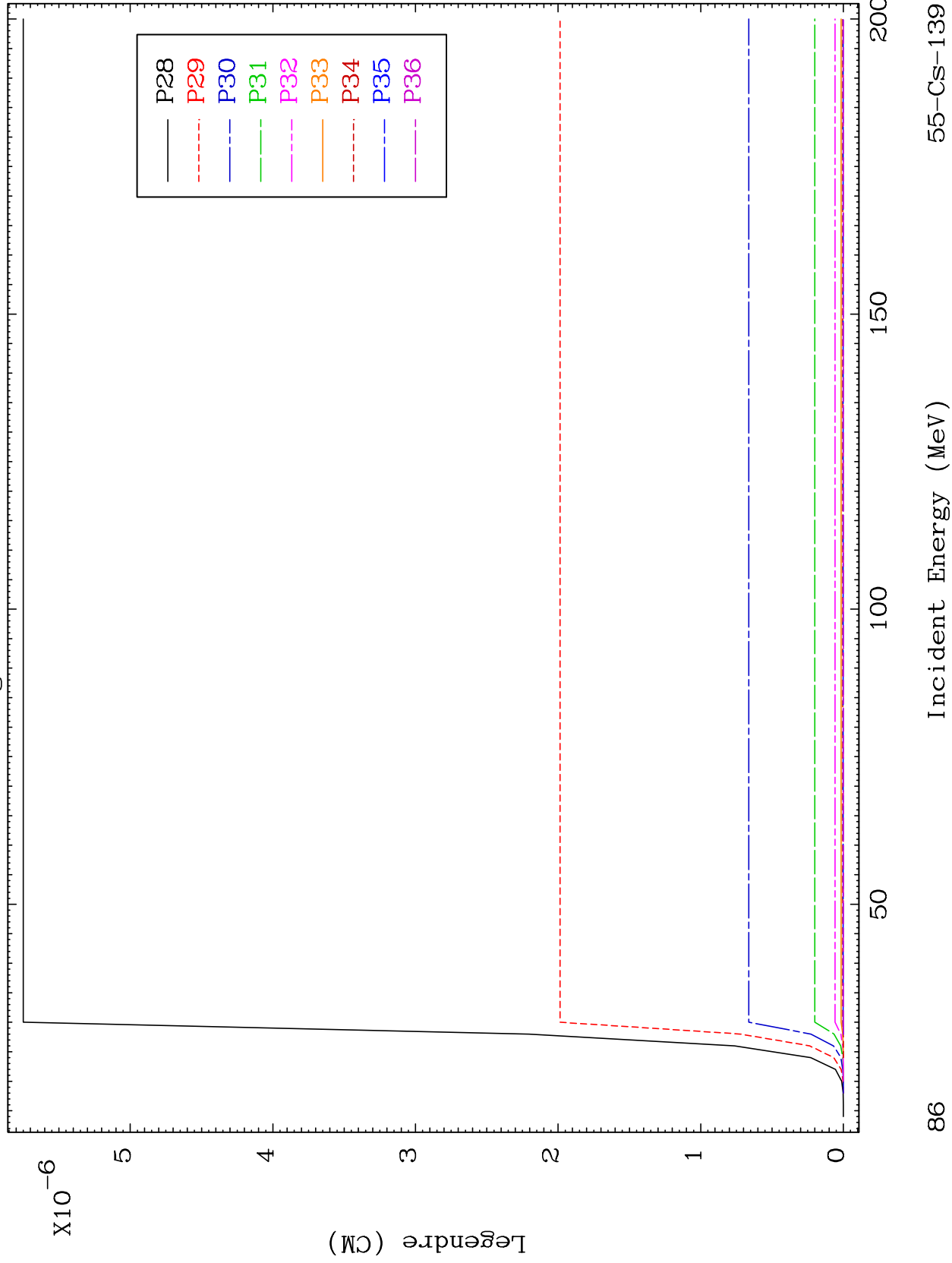
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

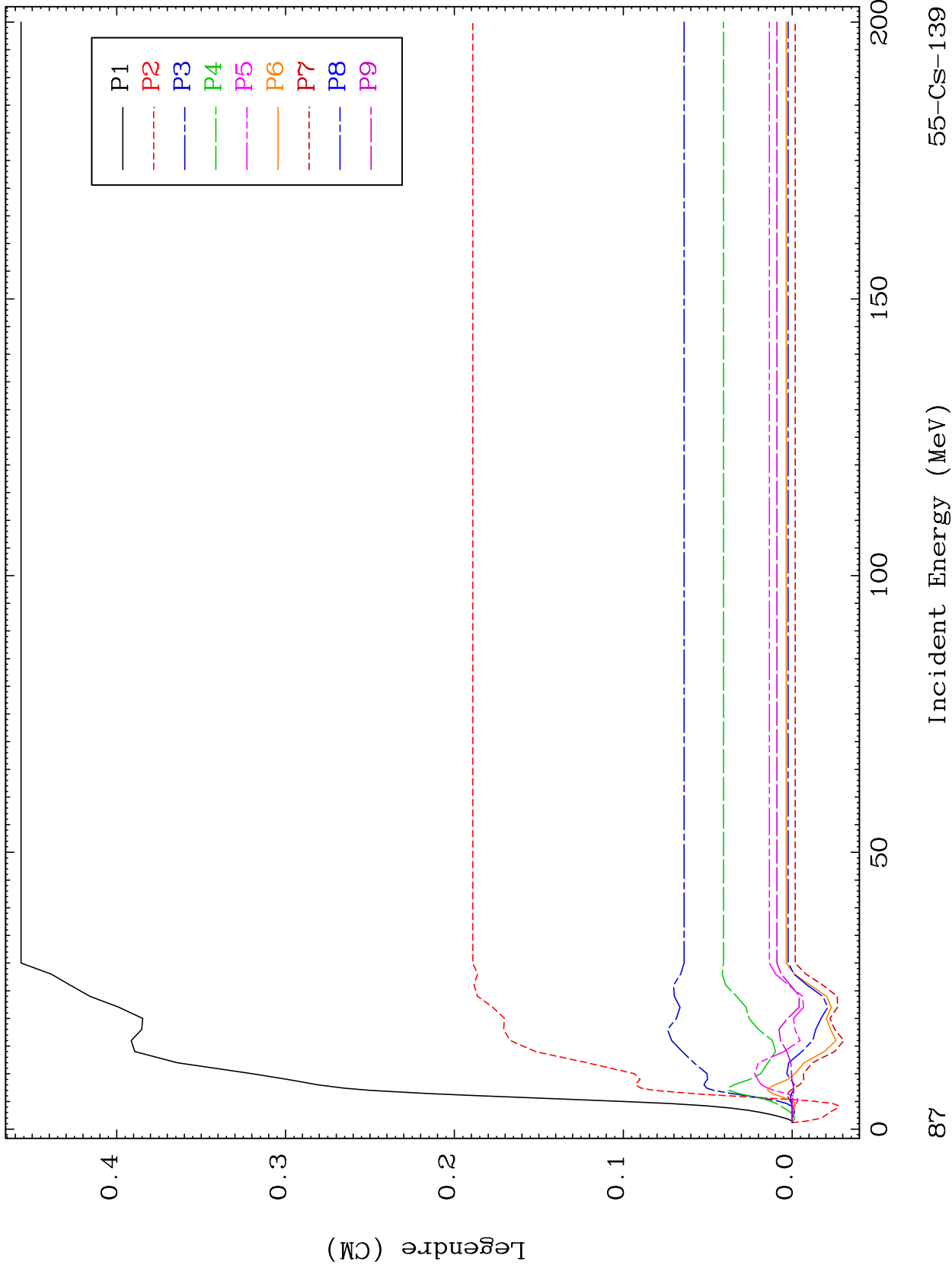
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

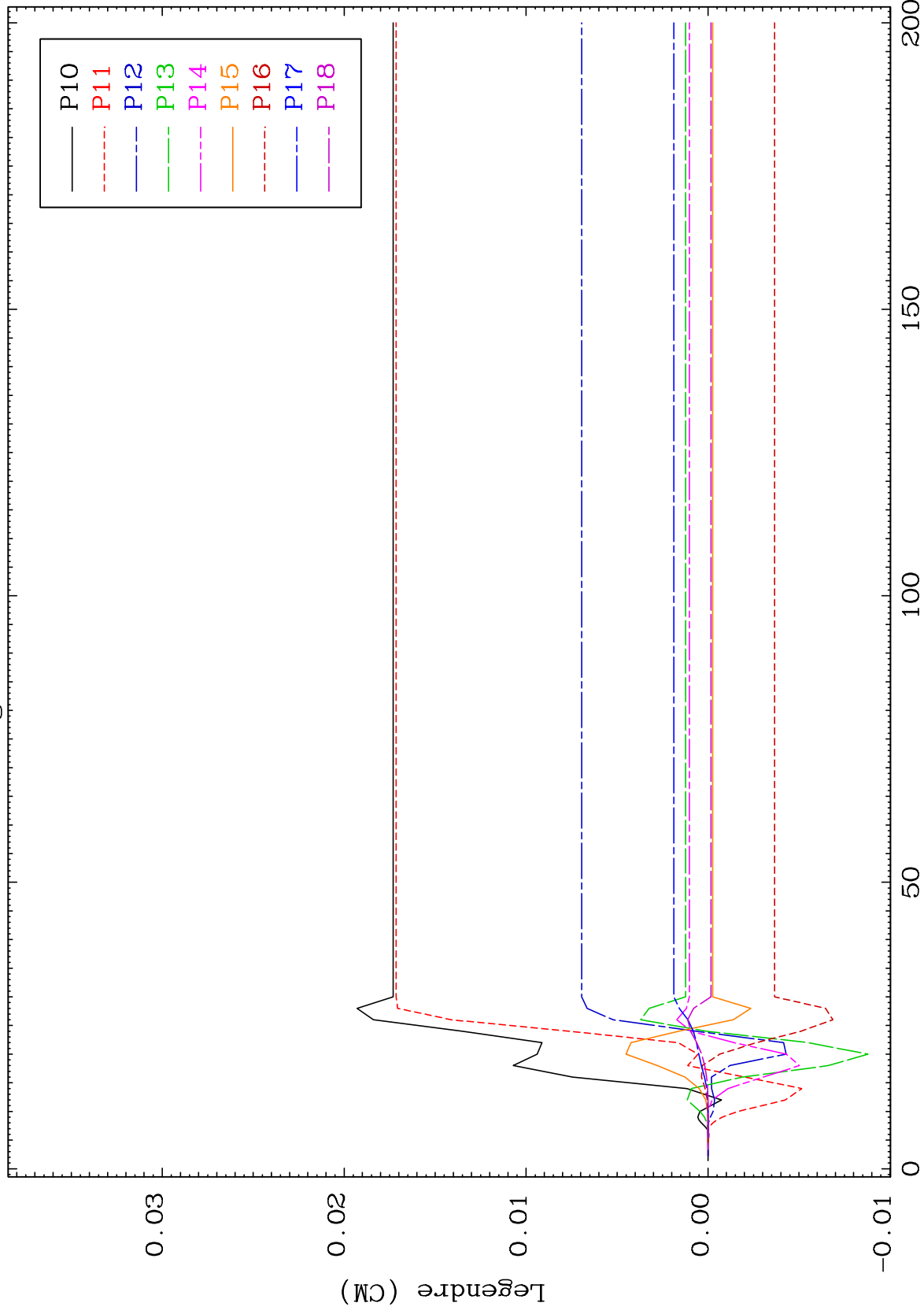
Incident Energy (MeV)

87

MAT 5543

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

55-Cs-139



88

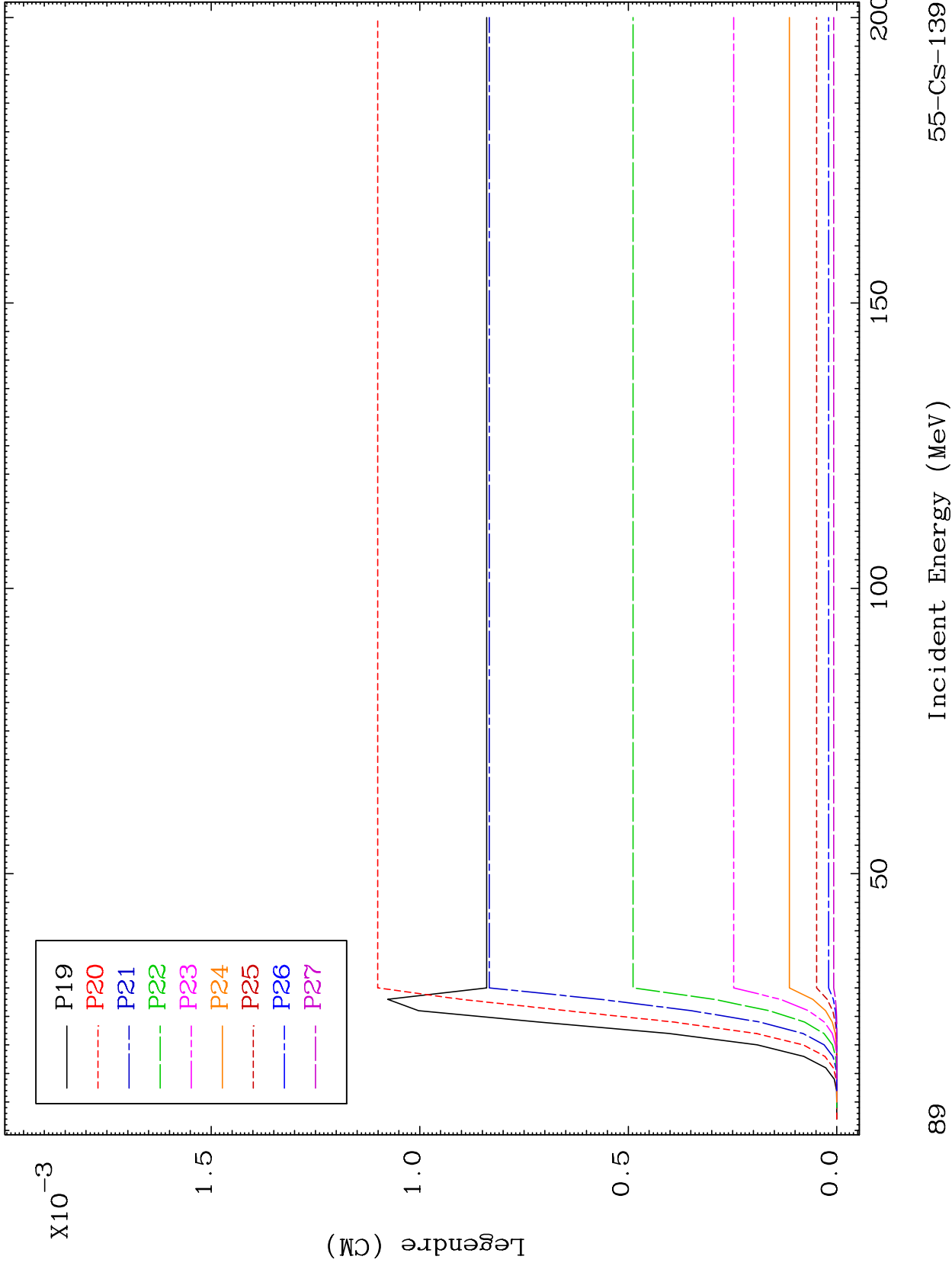
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

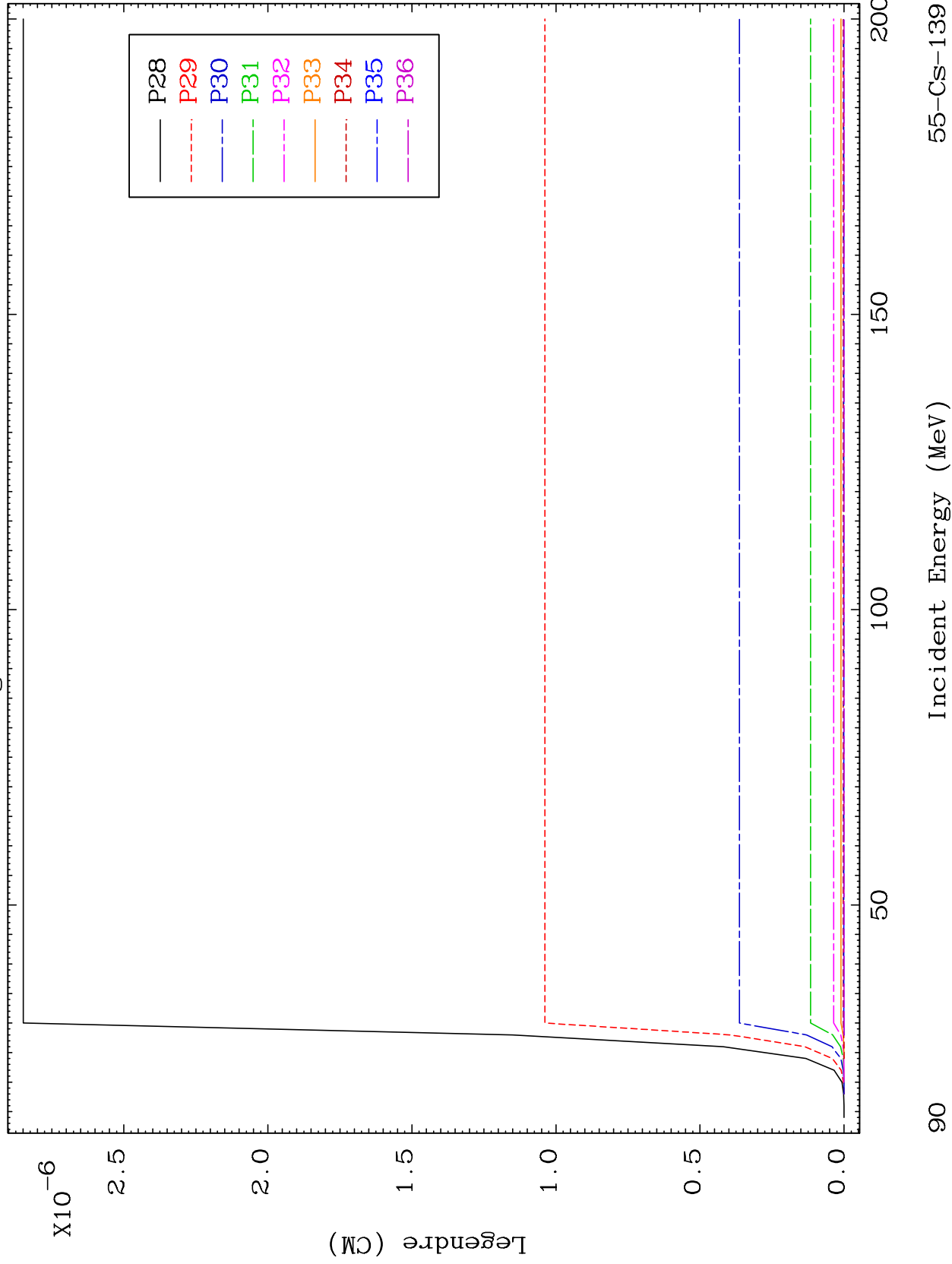
55-Cs-139



MAT 5543

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

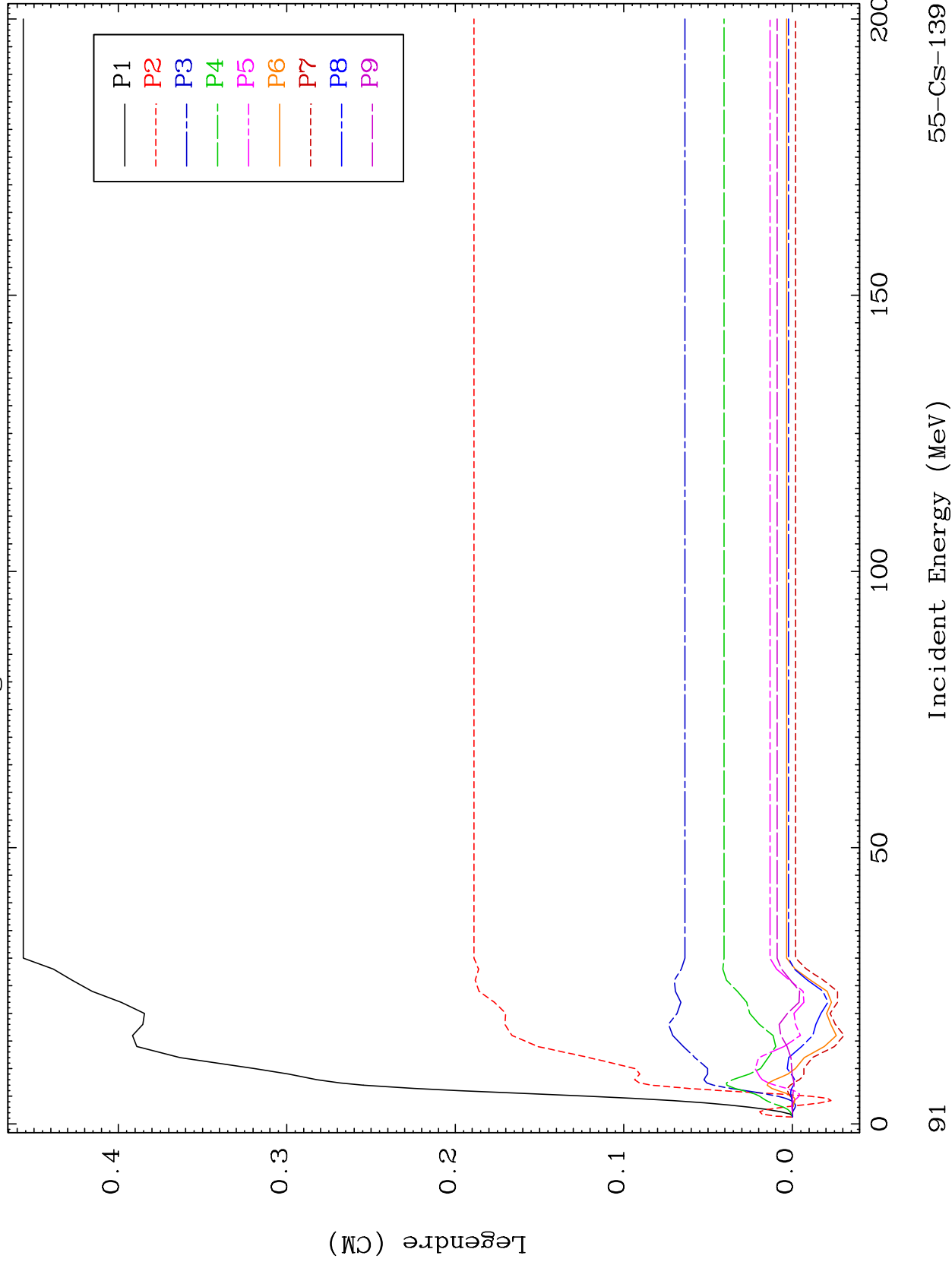
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

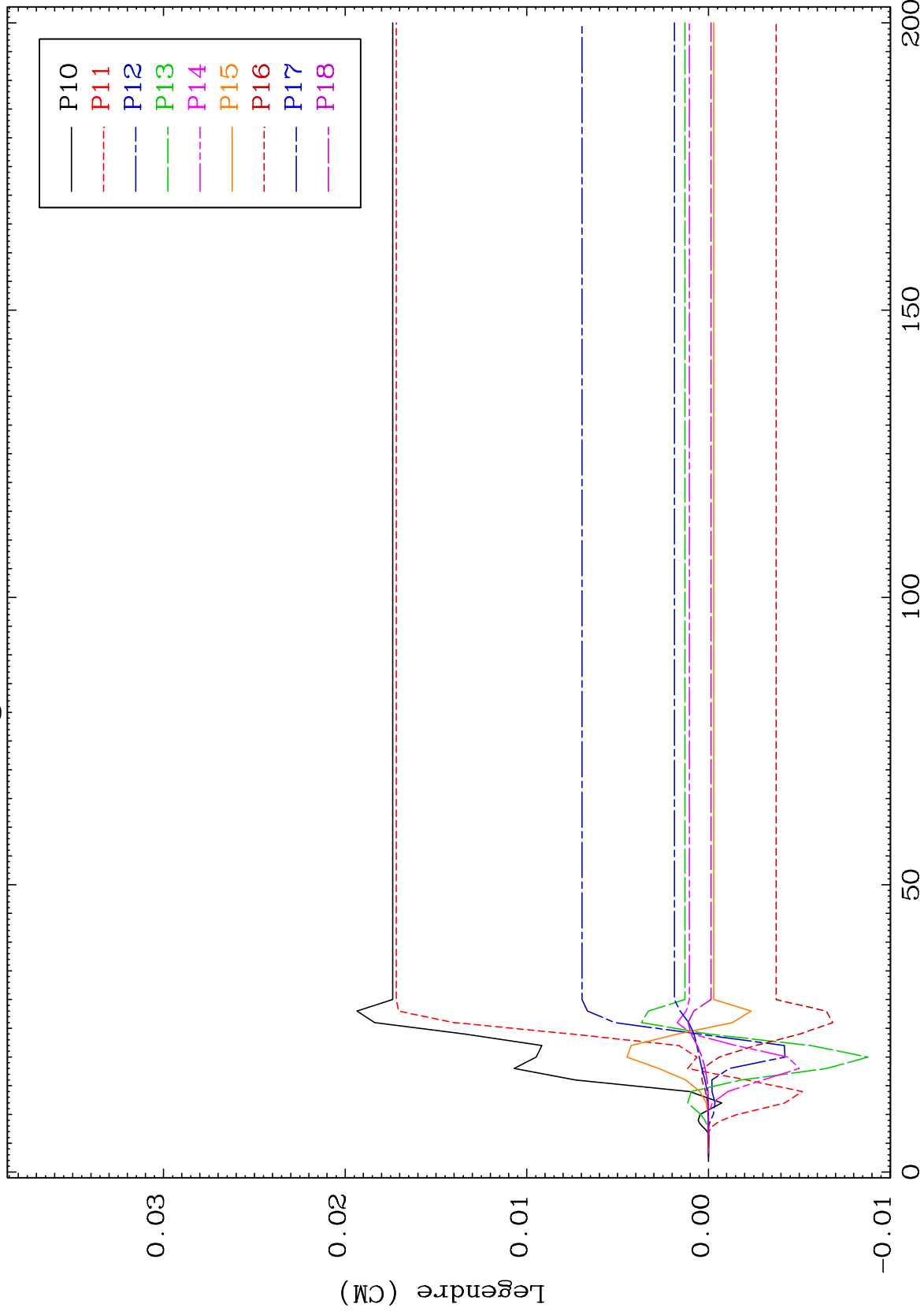
Incident Energy (MeV)

91

MAT 5543

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

55-Cs-139



92

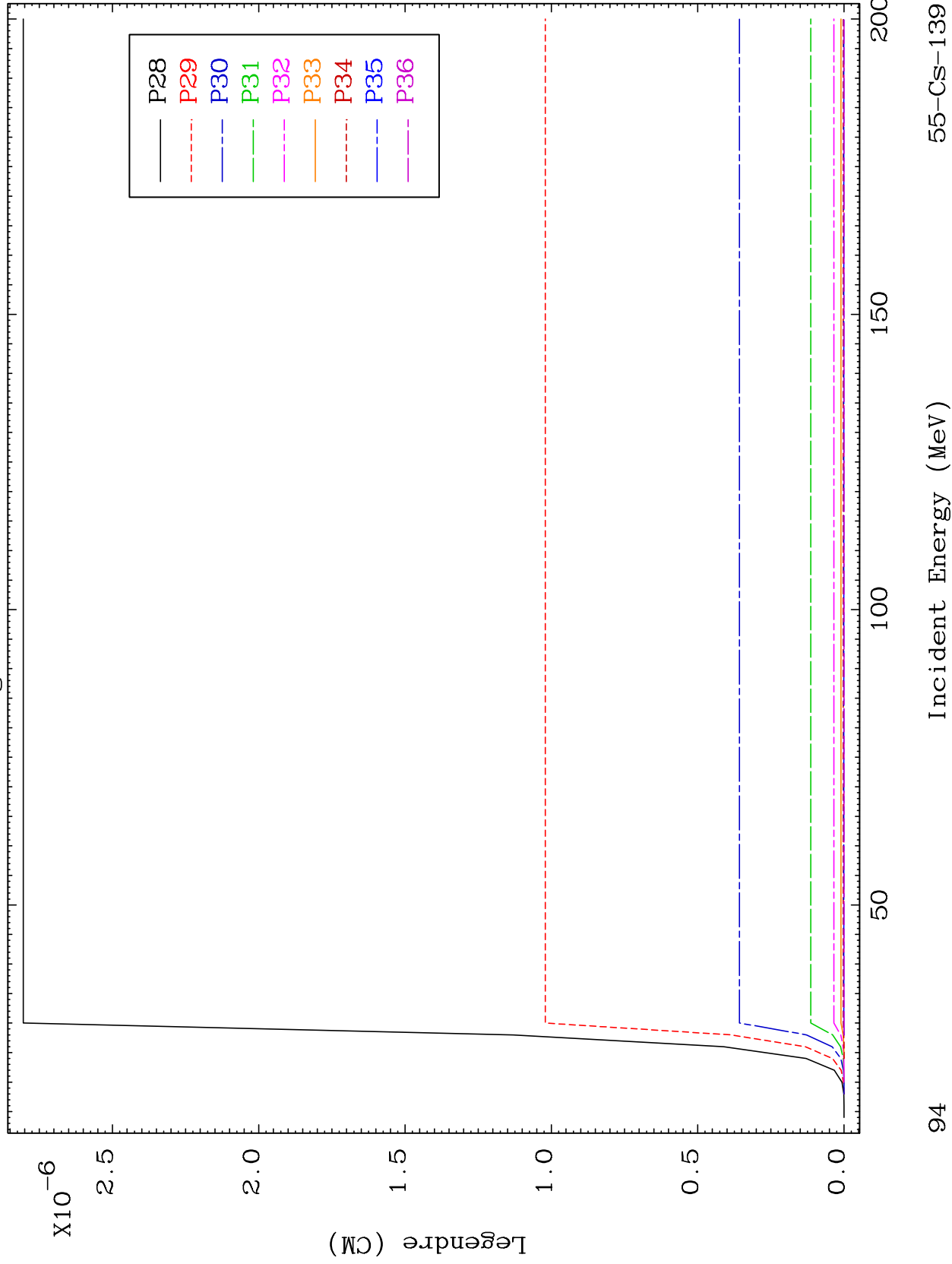
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

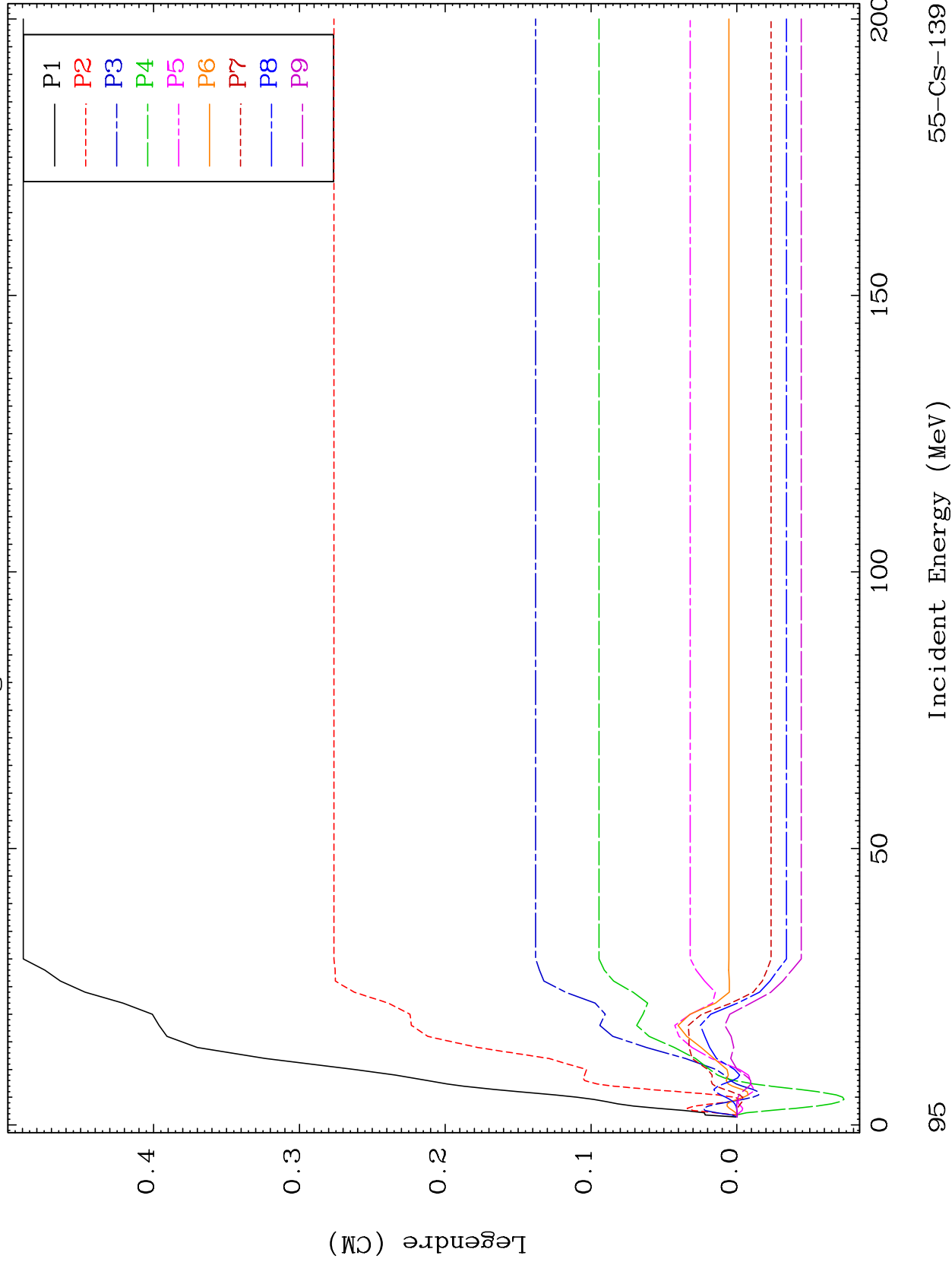
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

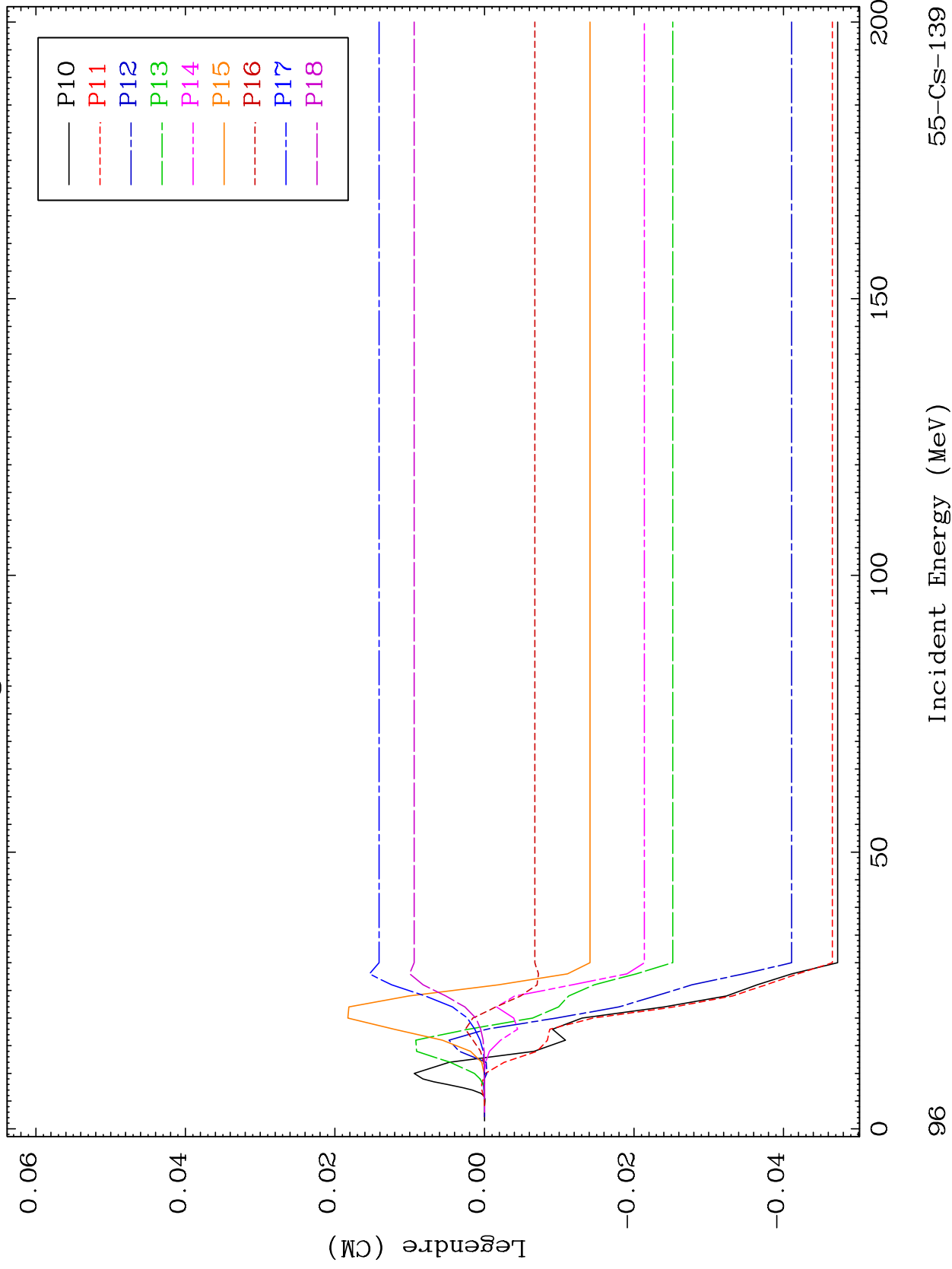
Incident Energy (MeV)

95

MAT 5543

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

55-Cs-139



55-Cs-139

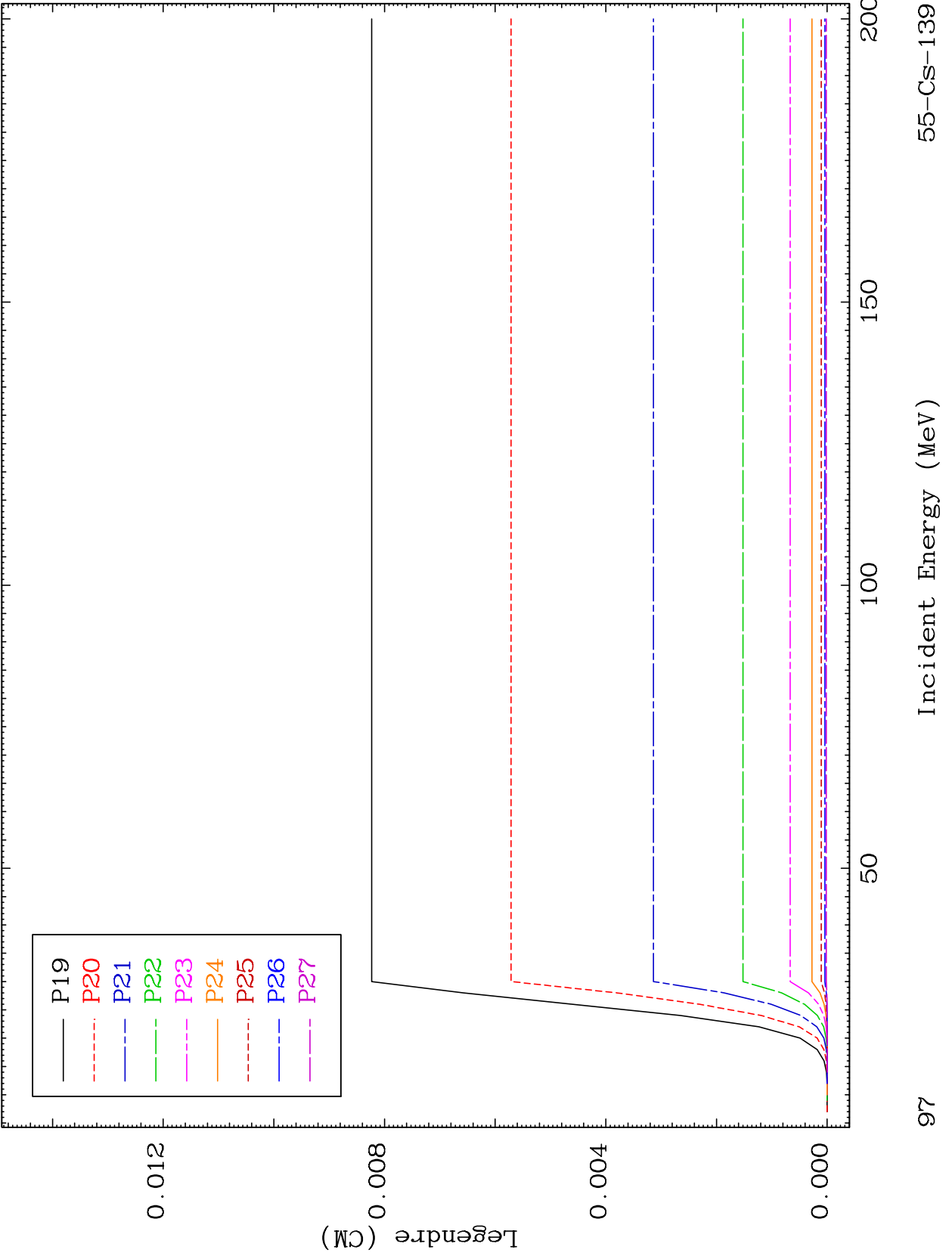
Incident Energy (MeV)

96

MAT 5543

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

55-Cs-139



97

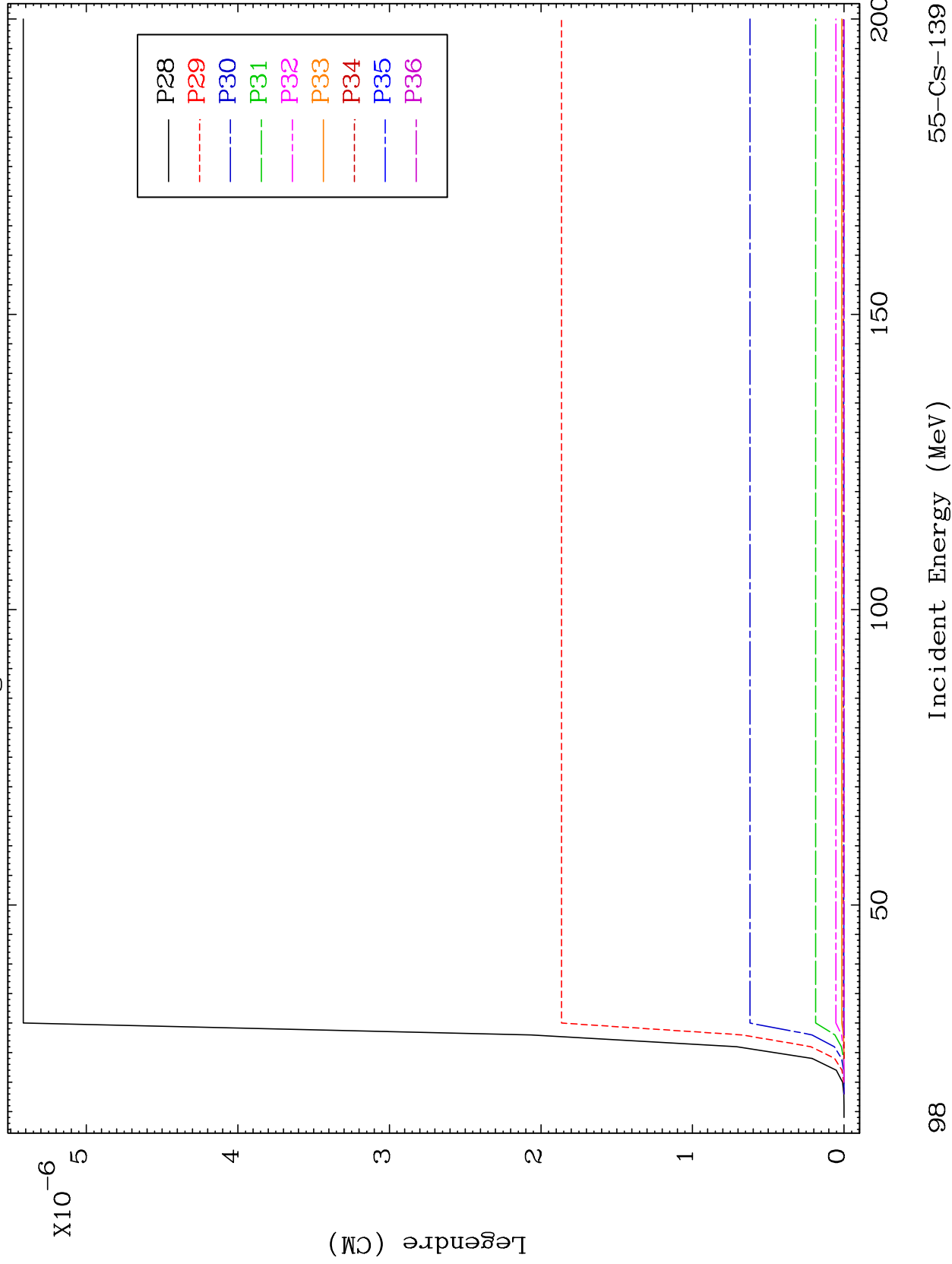
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

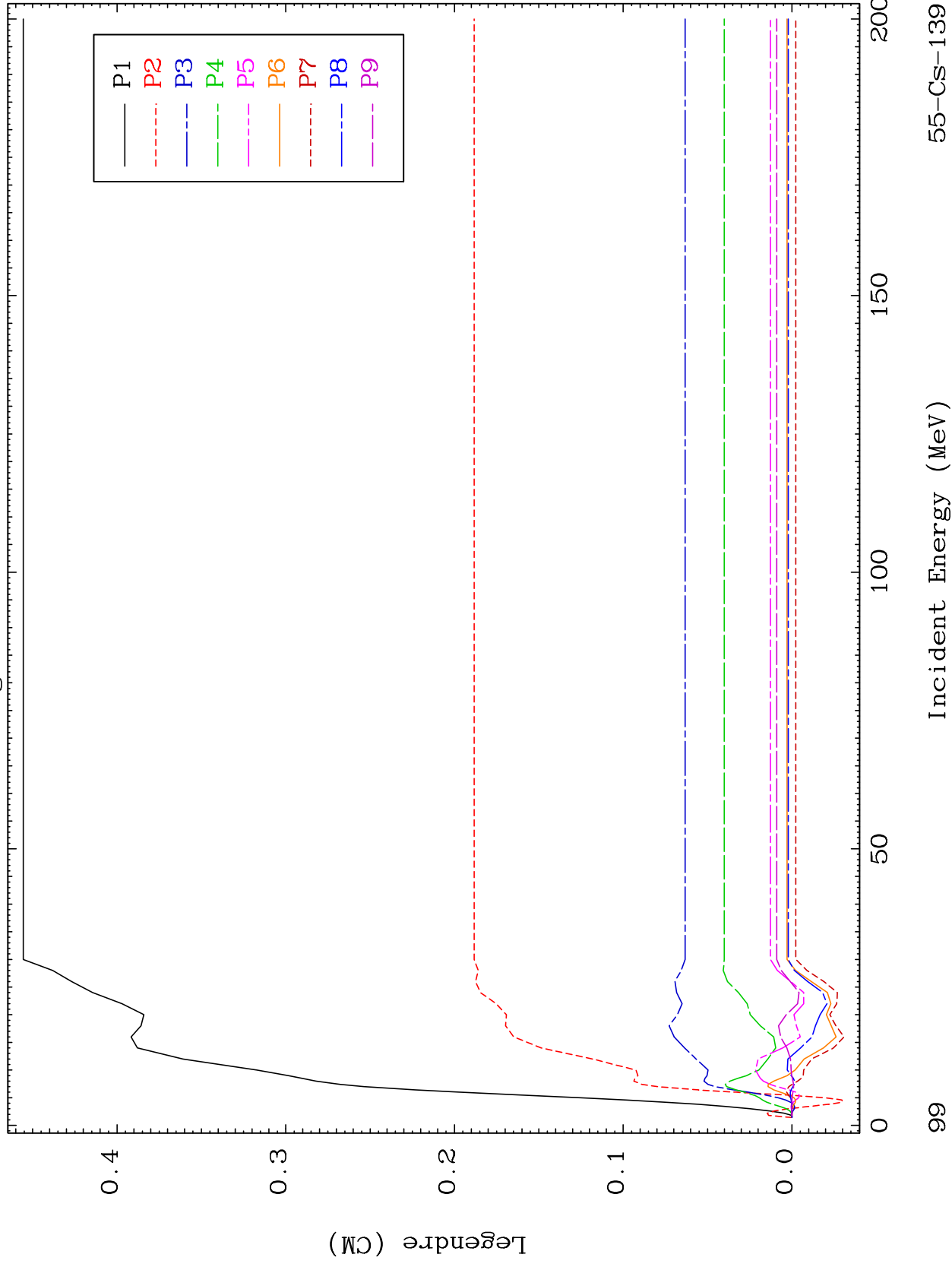
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

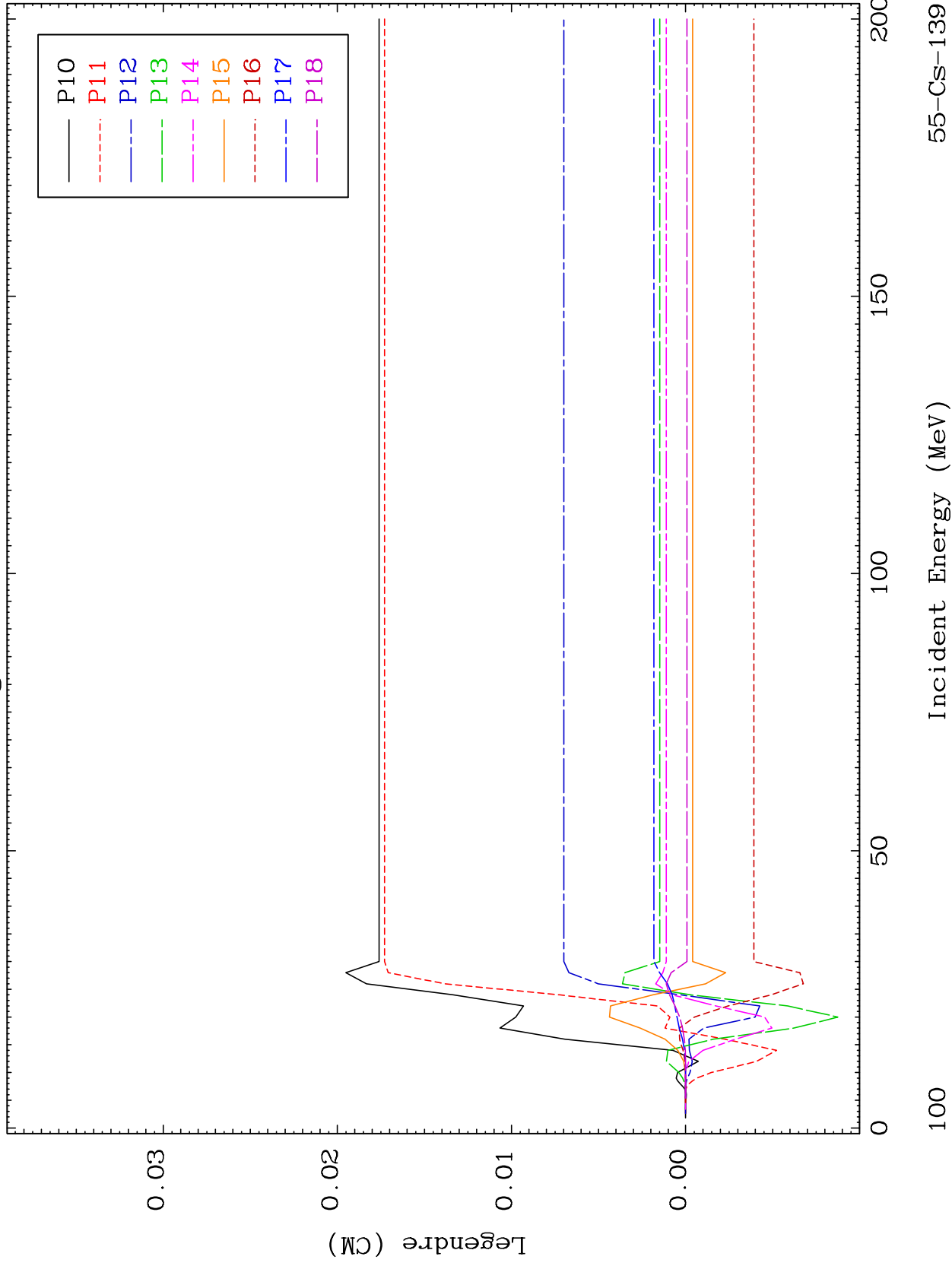
Incident Energy (MeV)

99

MAT 5543

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

55-Cs-139

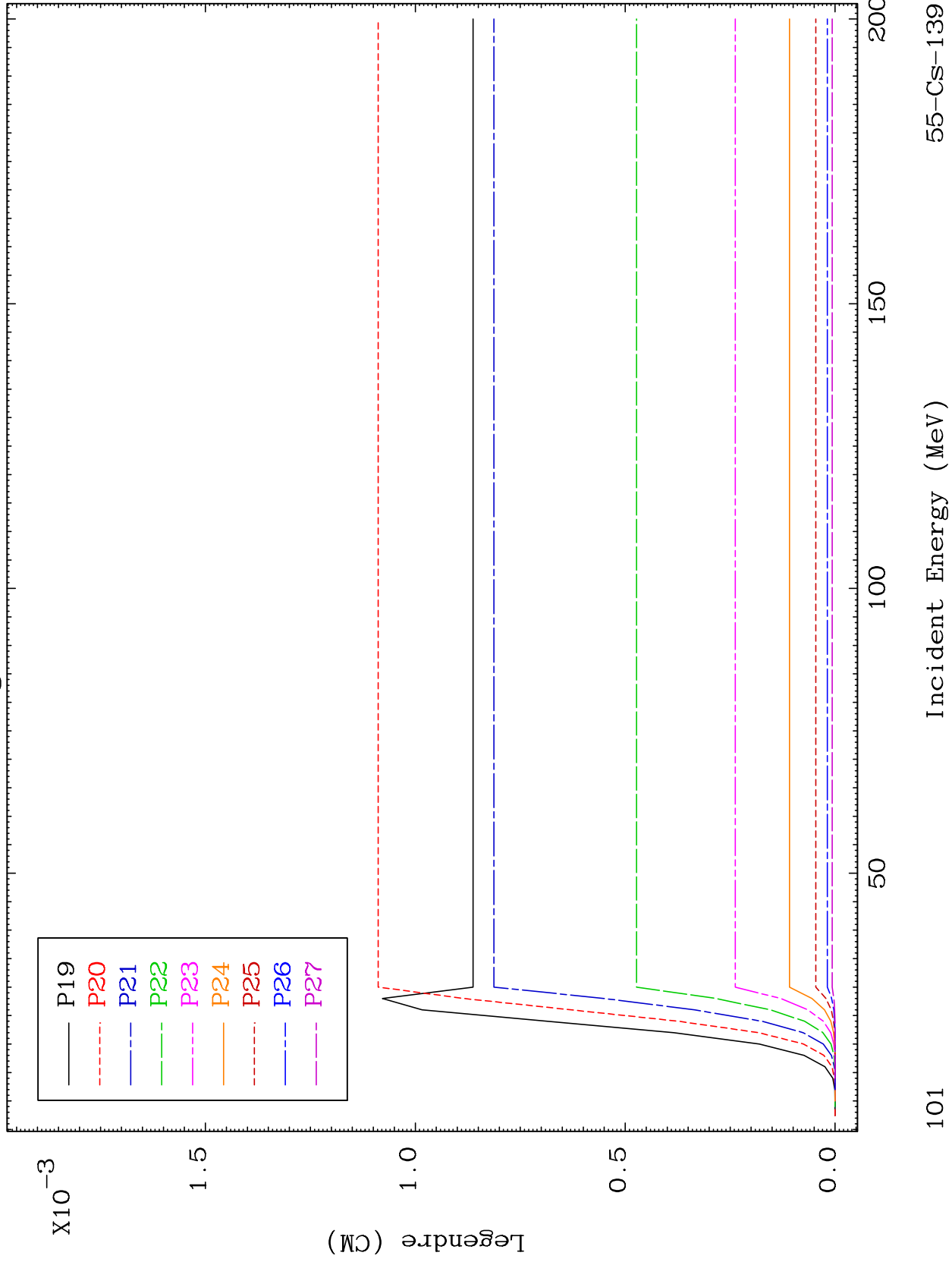


55-Cs-139

MAT 5543

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

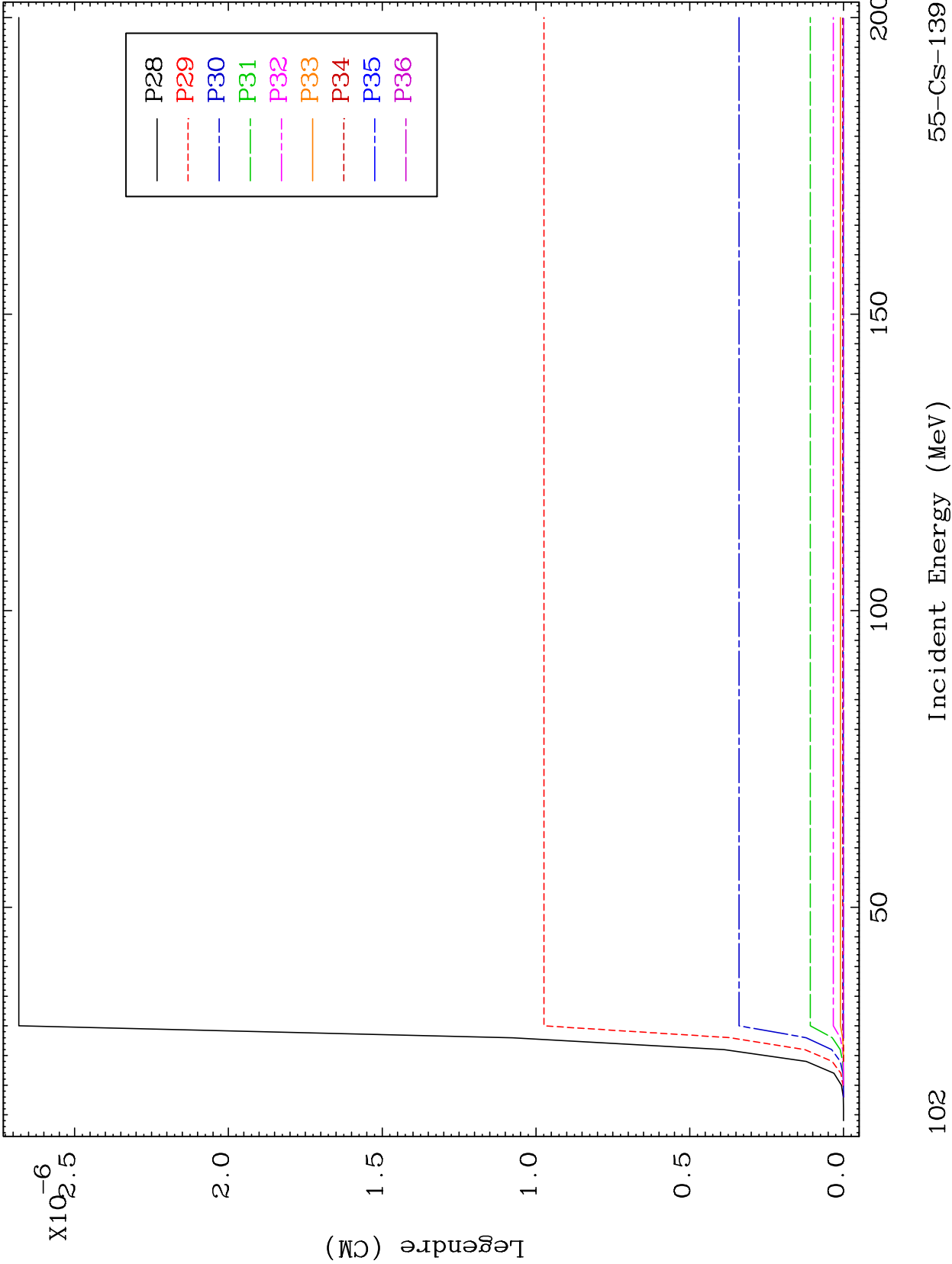
55-Cs-139



MAT 5543

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

55-Cs-139



102

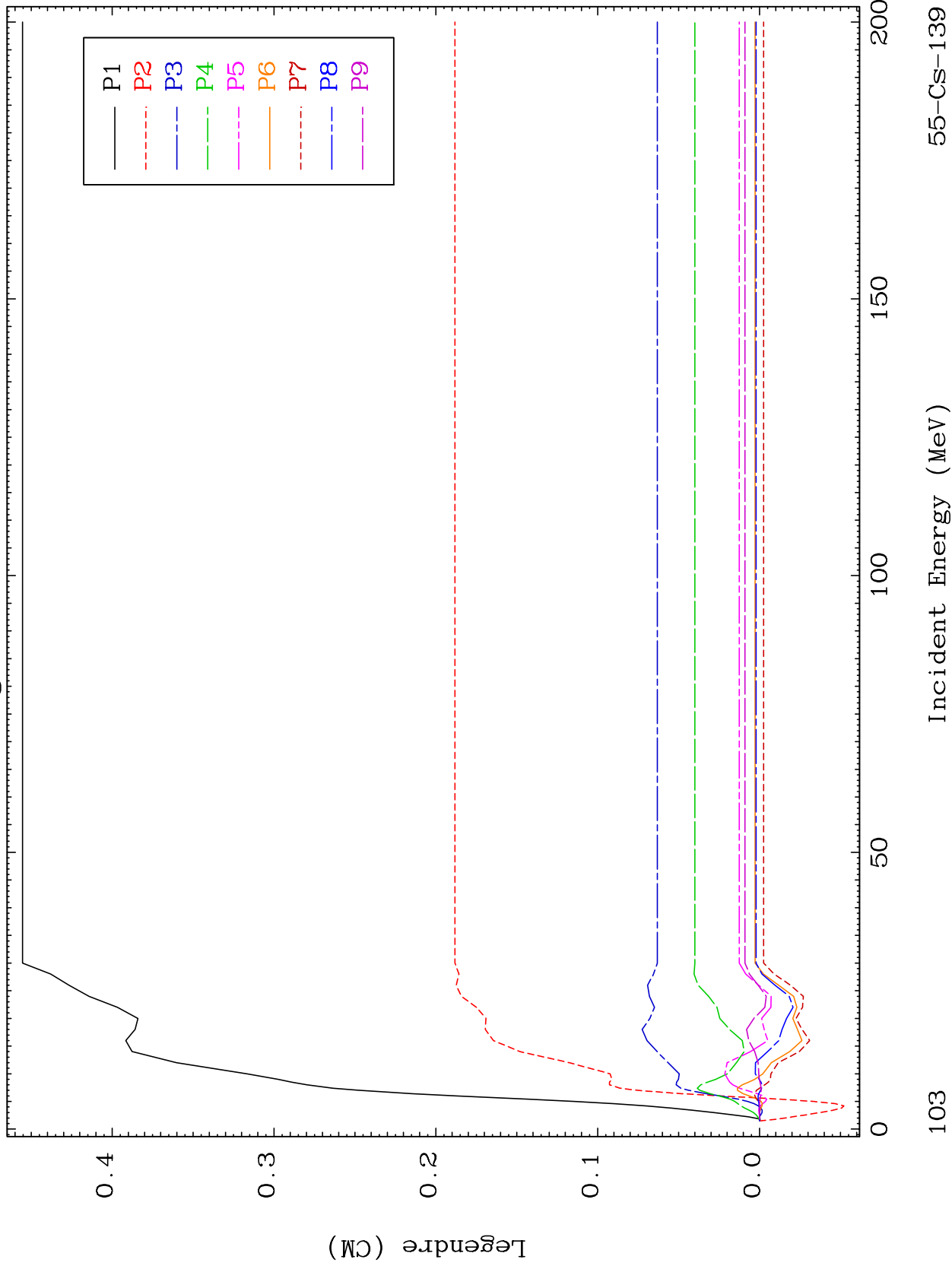
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



55-Cs-139

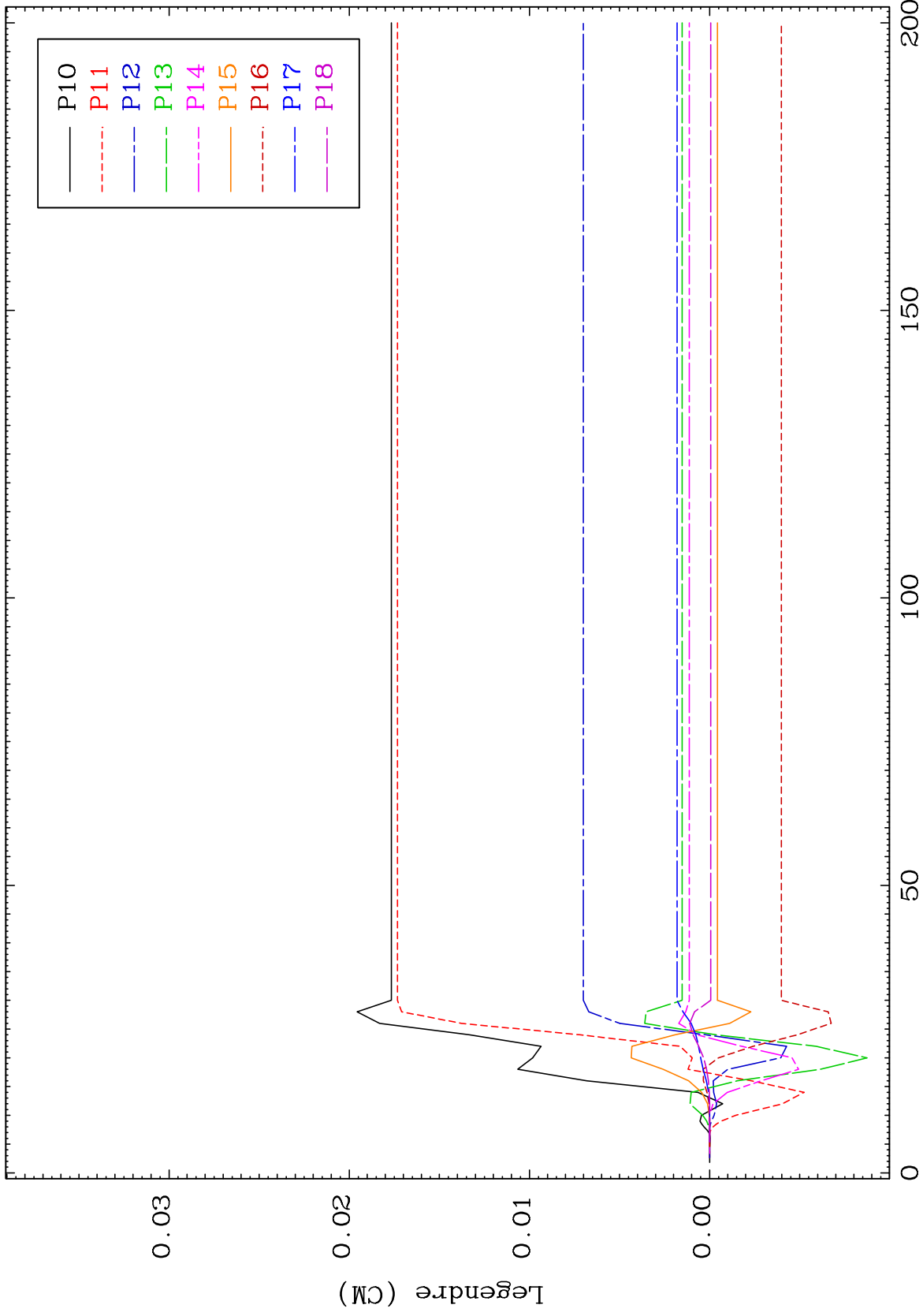
Incident Energy (MeV)

103

MAT 5543

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

55-Cs-139



55-Cs-139

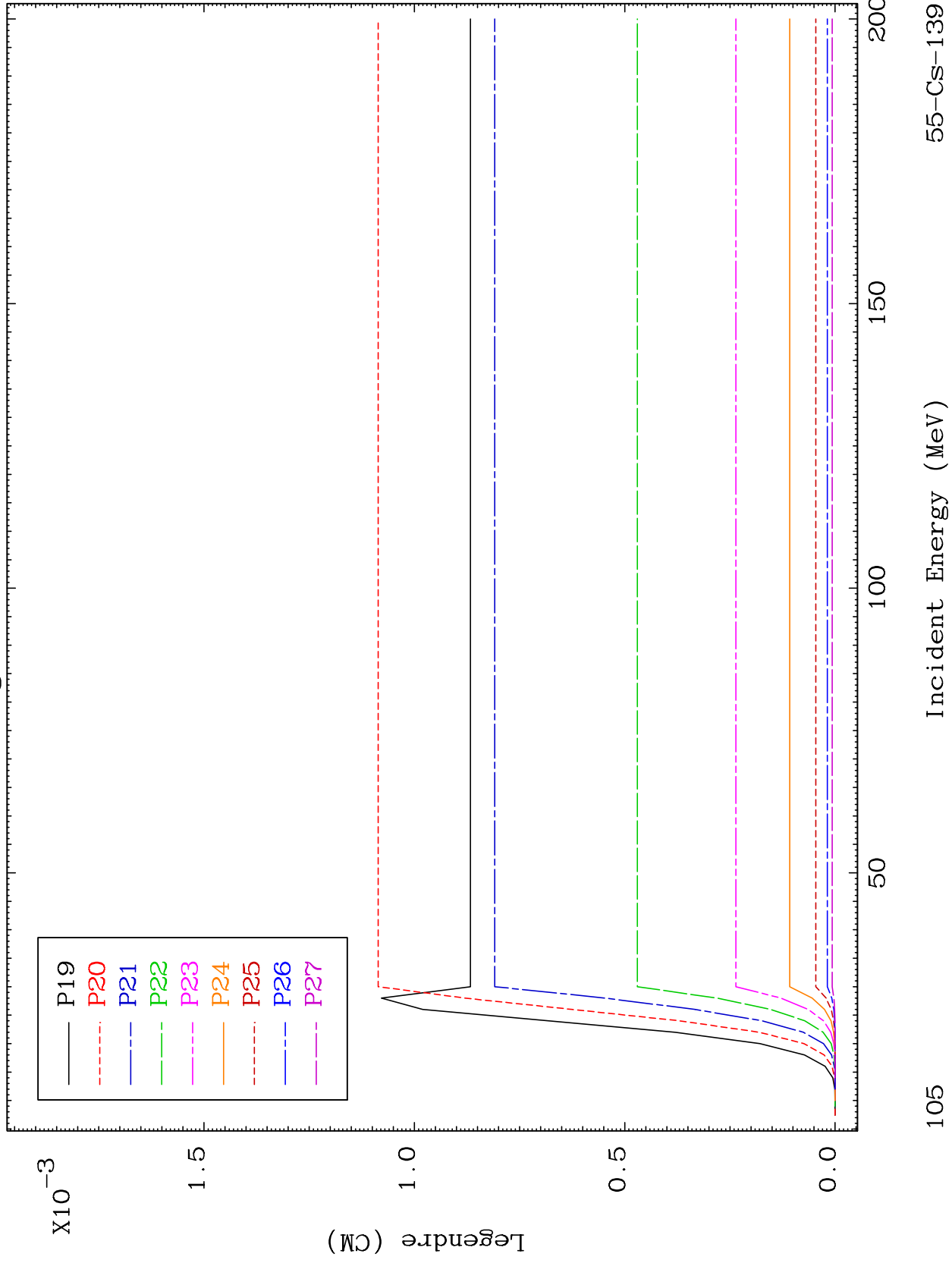
Incident Energy (MeV)

104

MAT 5543

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

55-Cs-139



105

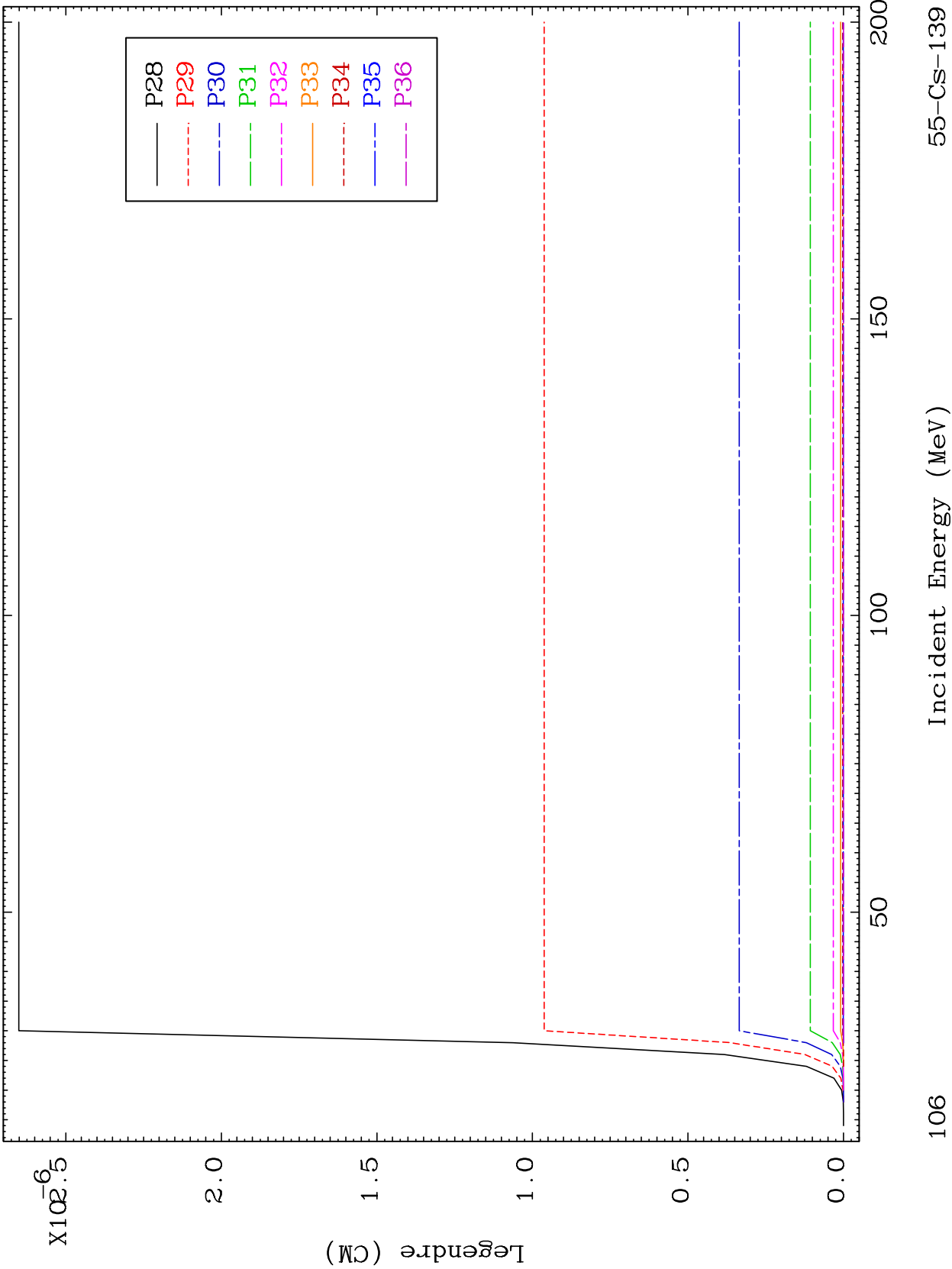
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



106

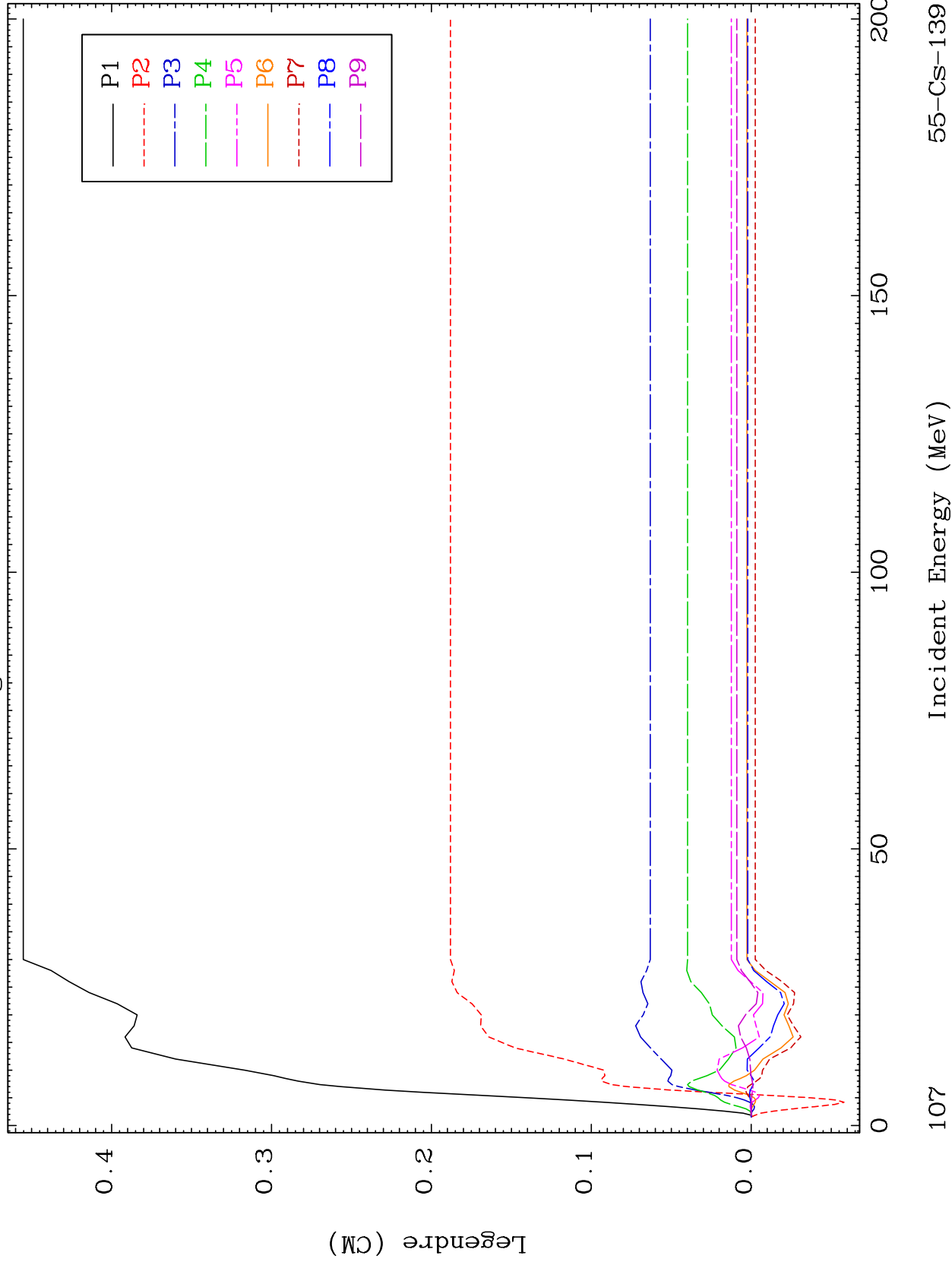
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



55-Cs-139

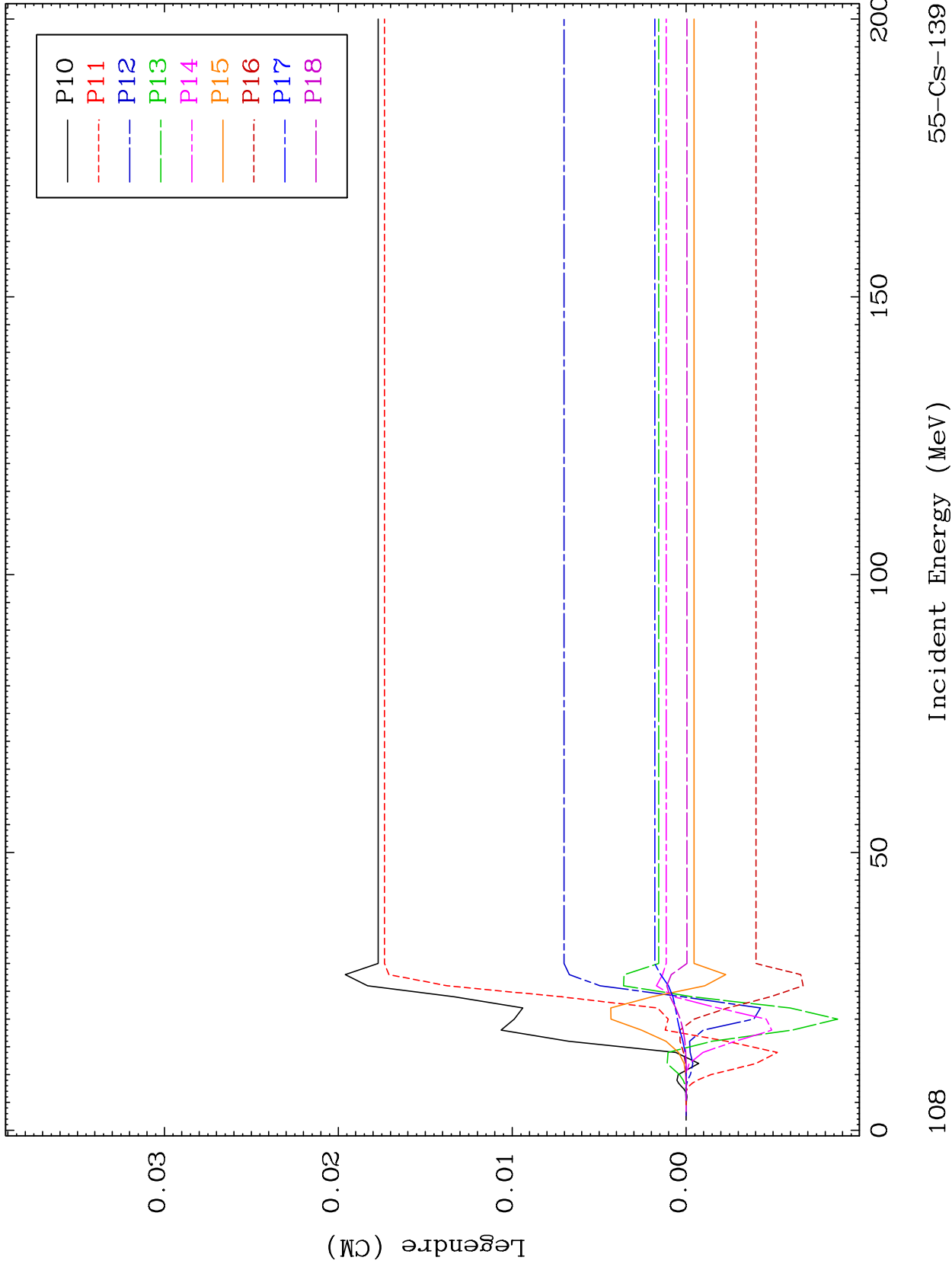
Incident Energy (MeV)

107

MAT 5543

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

55-Cs-139



55-Cs-139

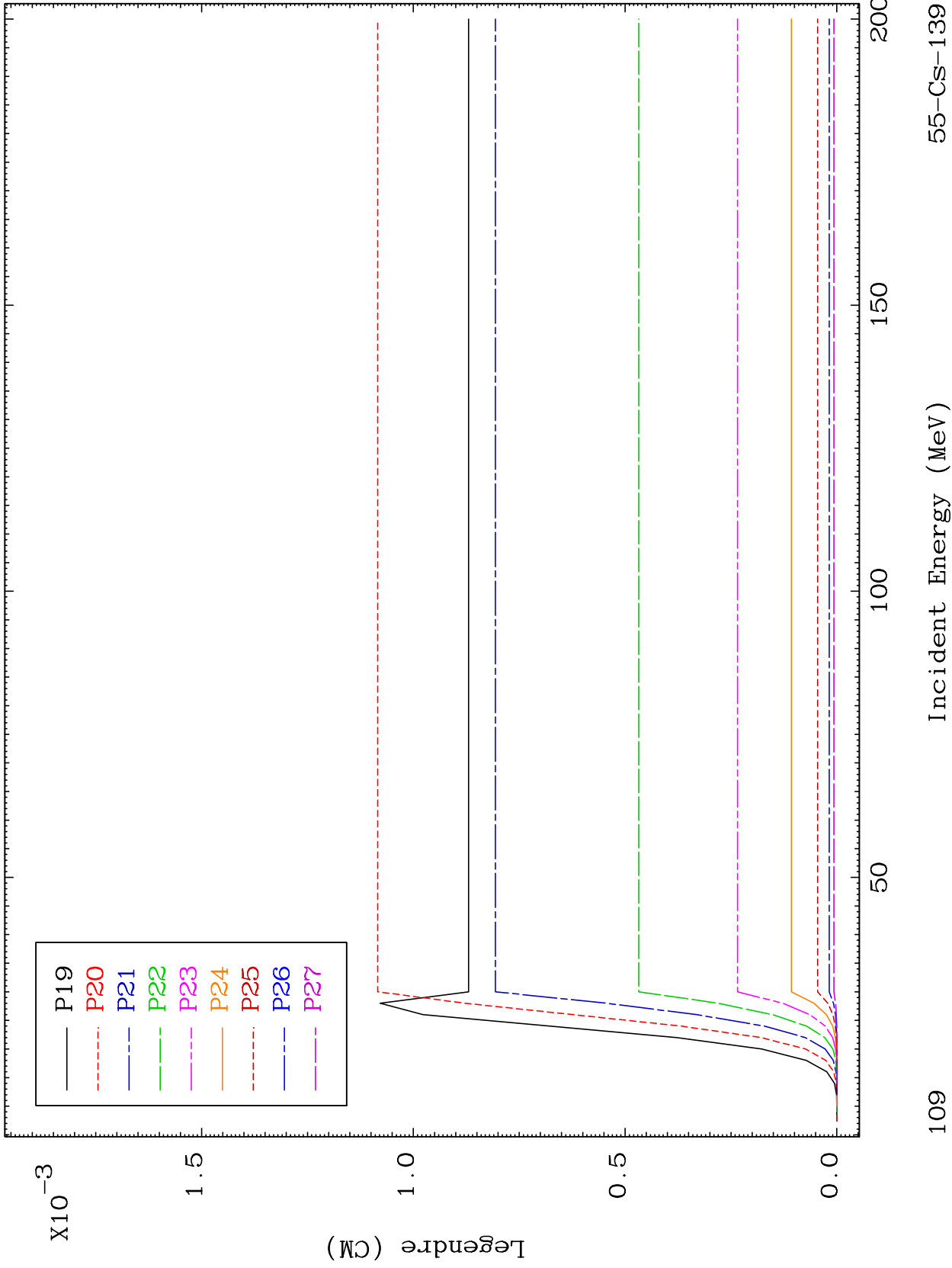
Incident Energy (MeV)

108

MAT 5543

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

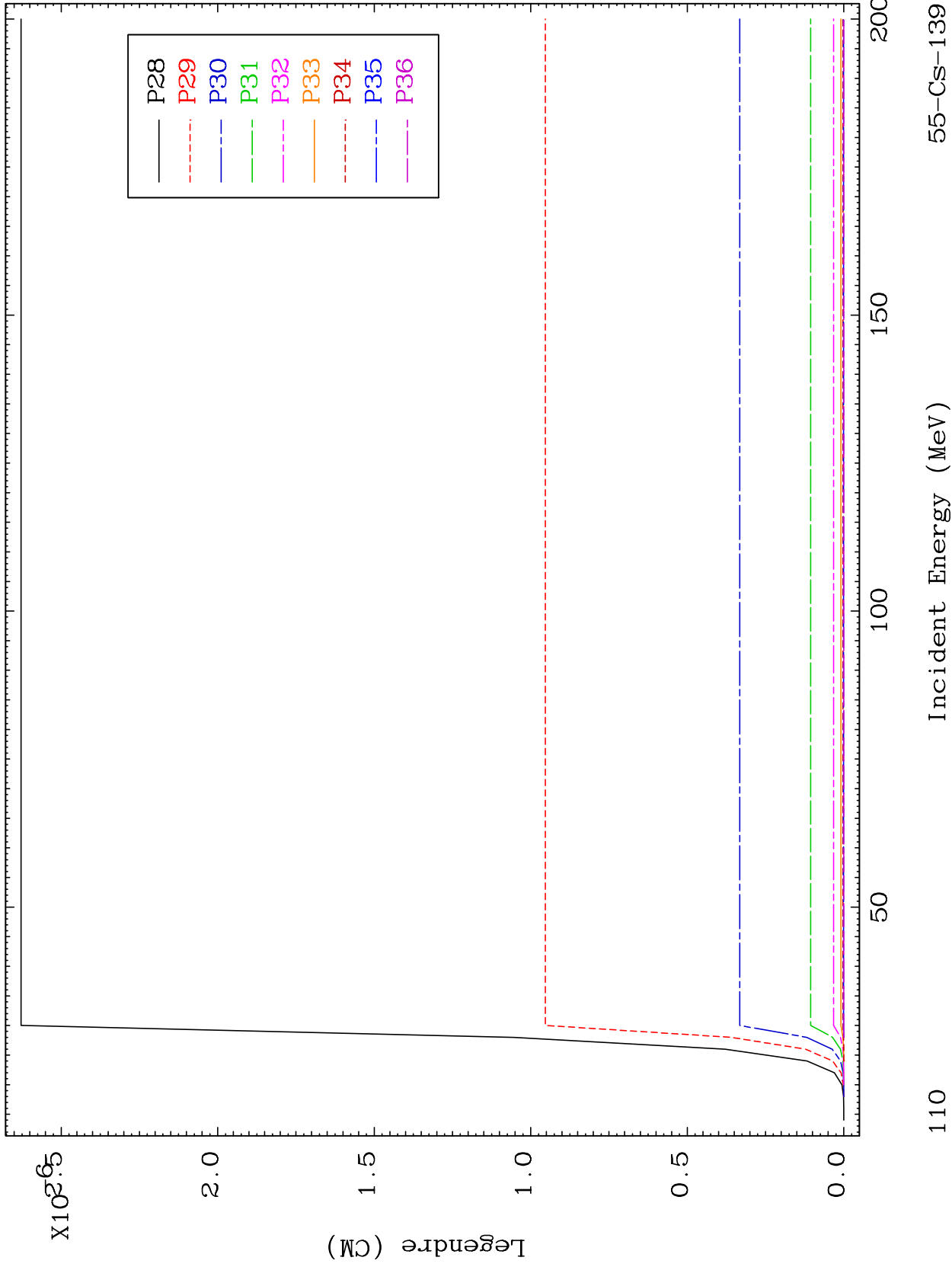
55-Cs-139



MAT 5543

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

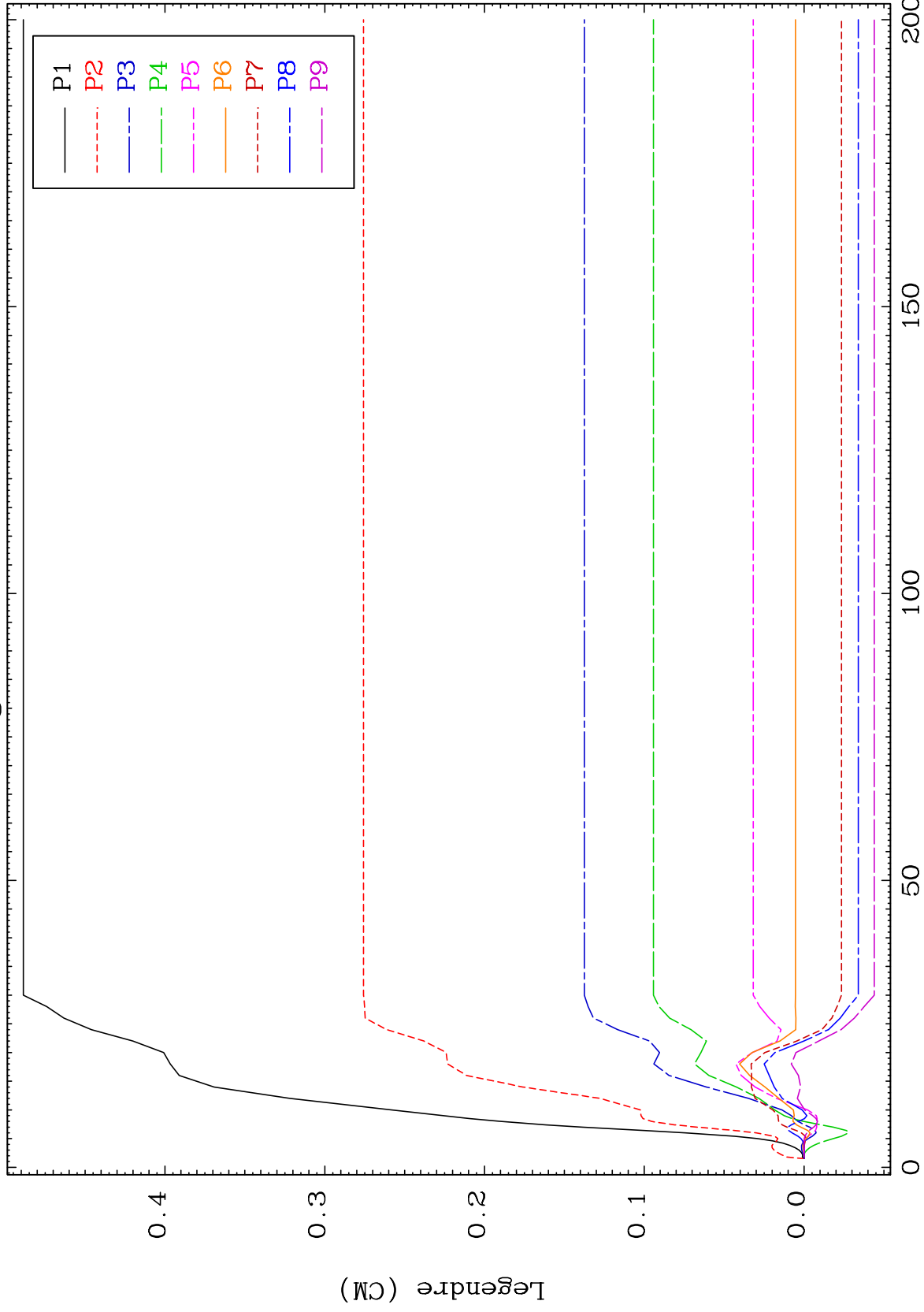
55-Cs-139



MAT 5543

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

55-Cs-139



111

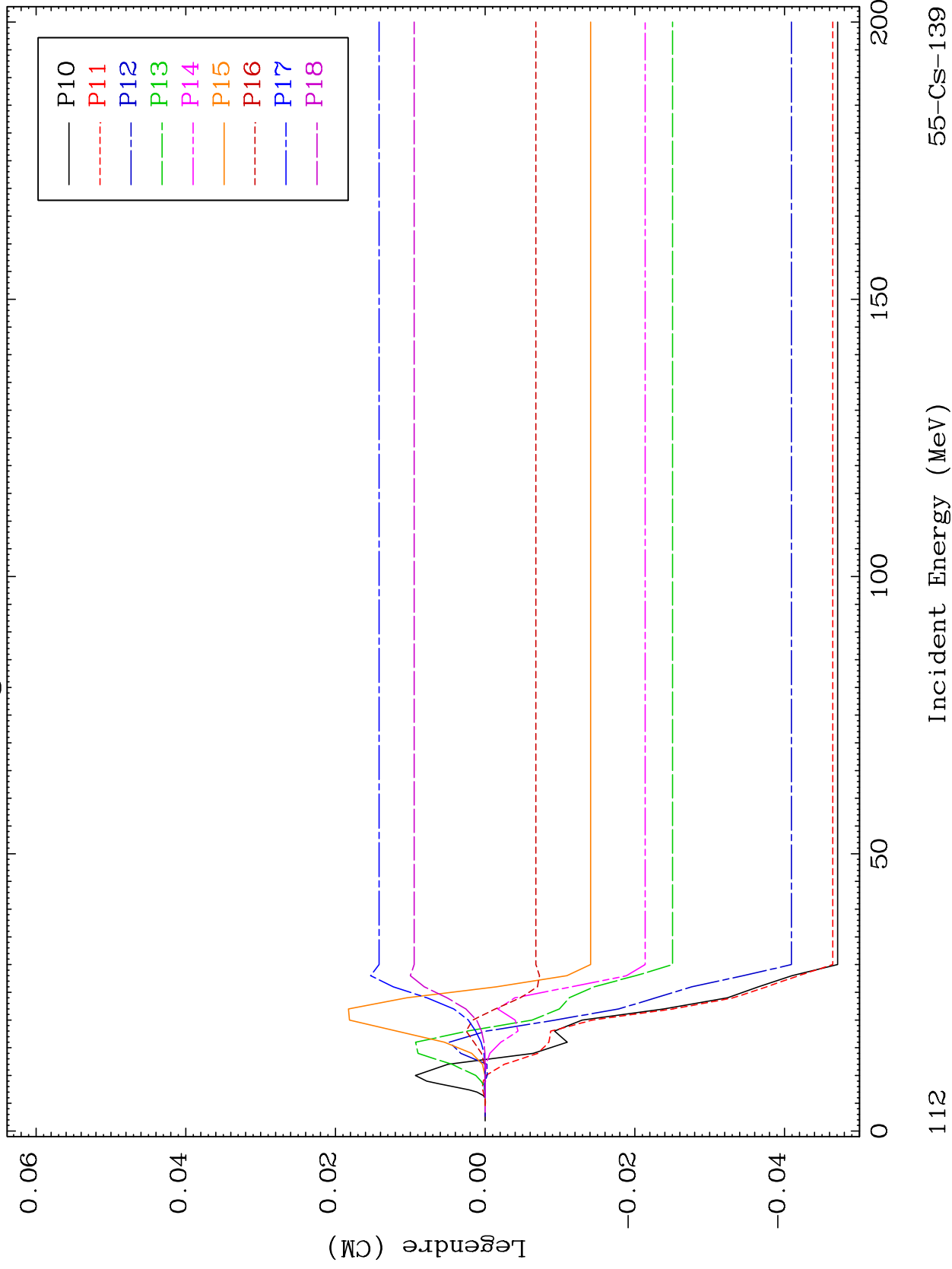
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



55-Cs-139

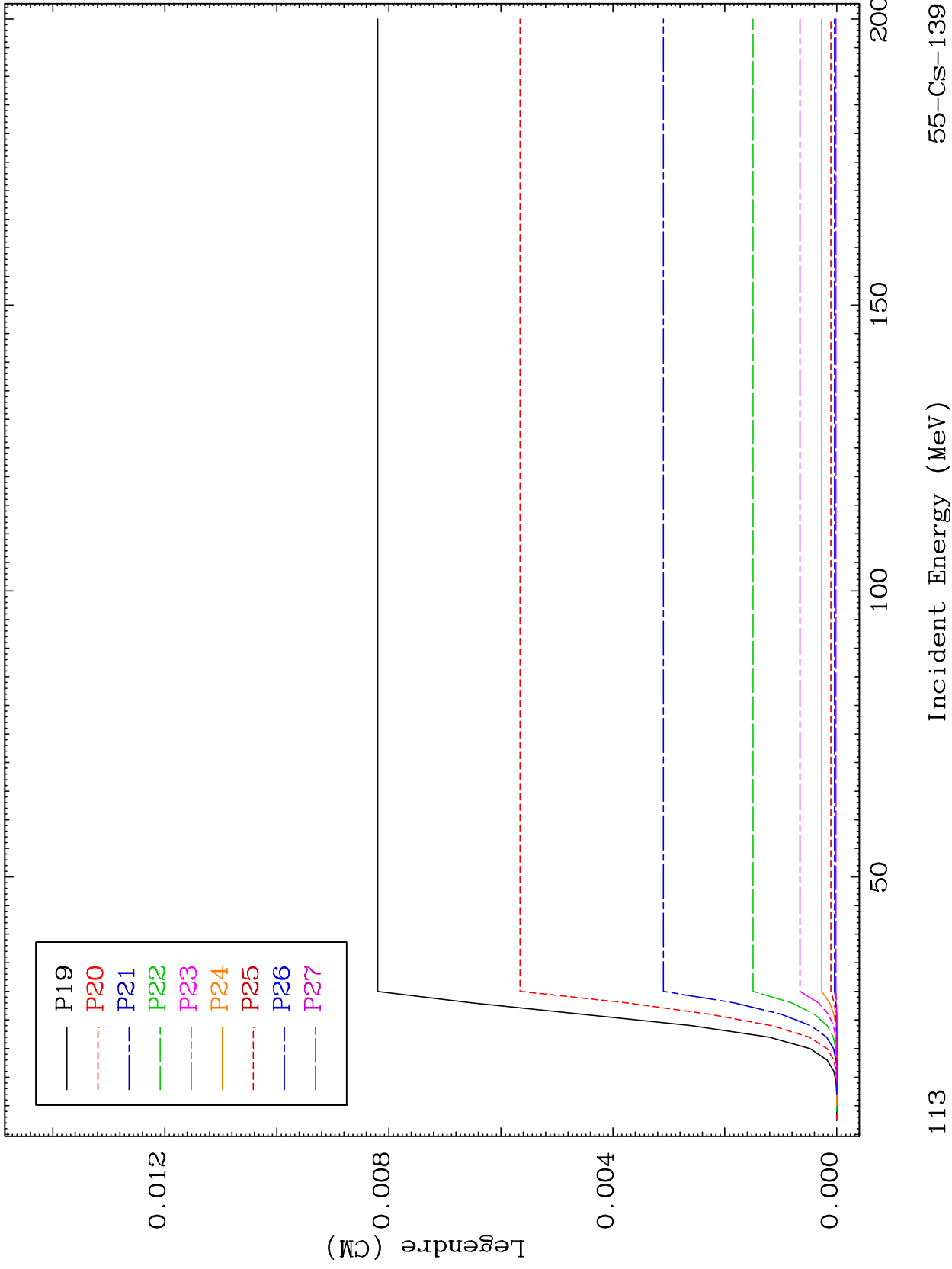
Incident Energy (MeV)

112

MAT 5543

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

55-Cs-139



113

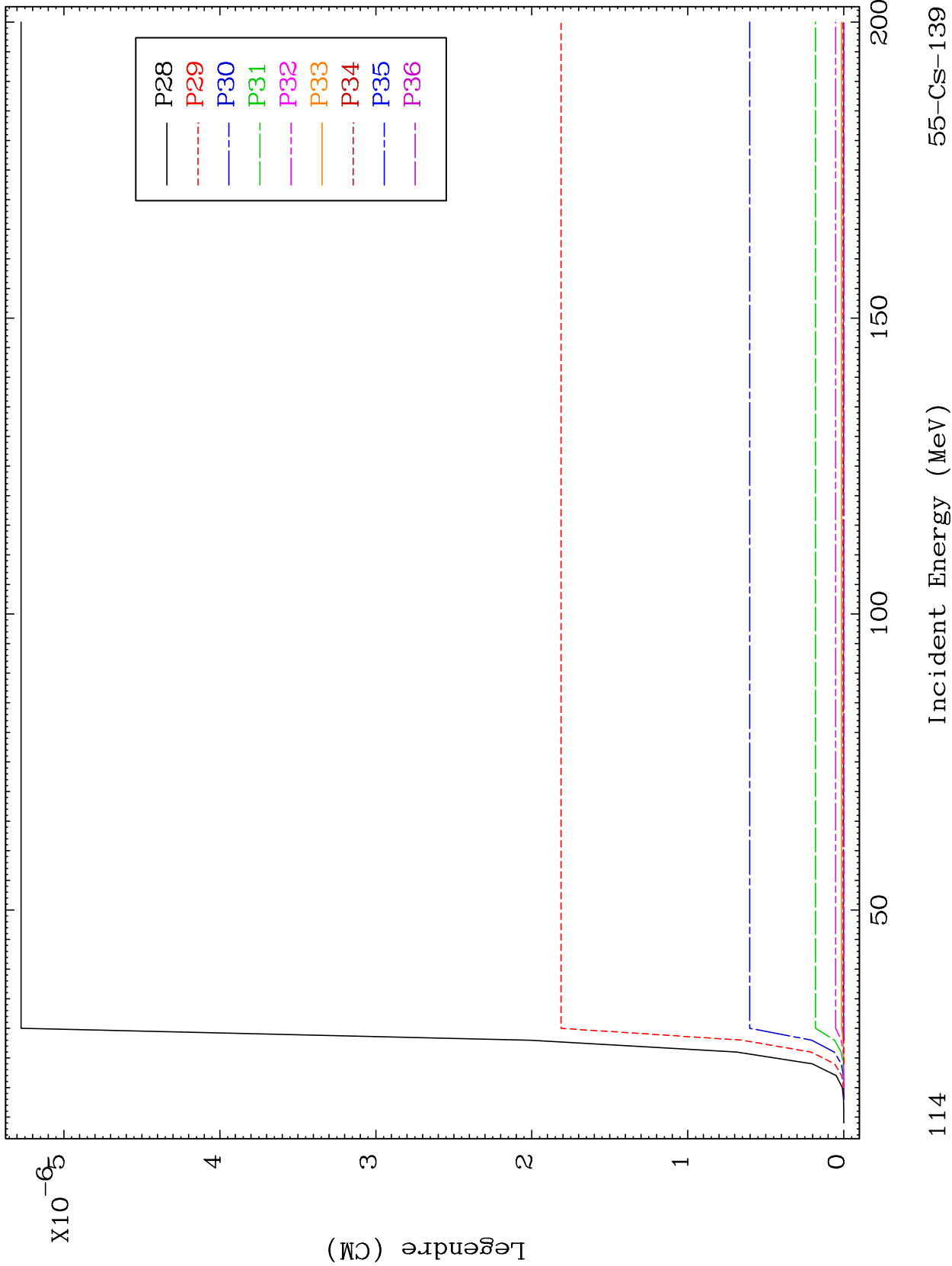
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

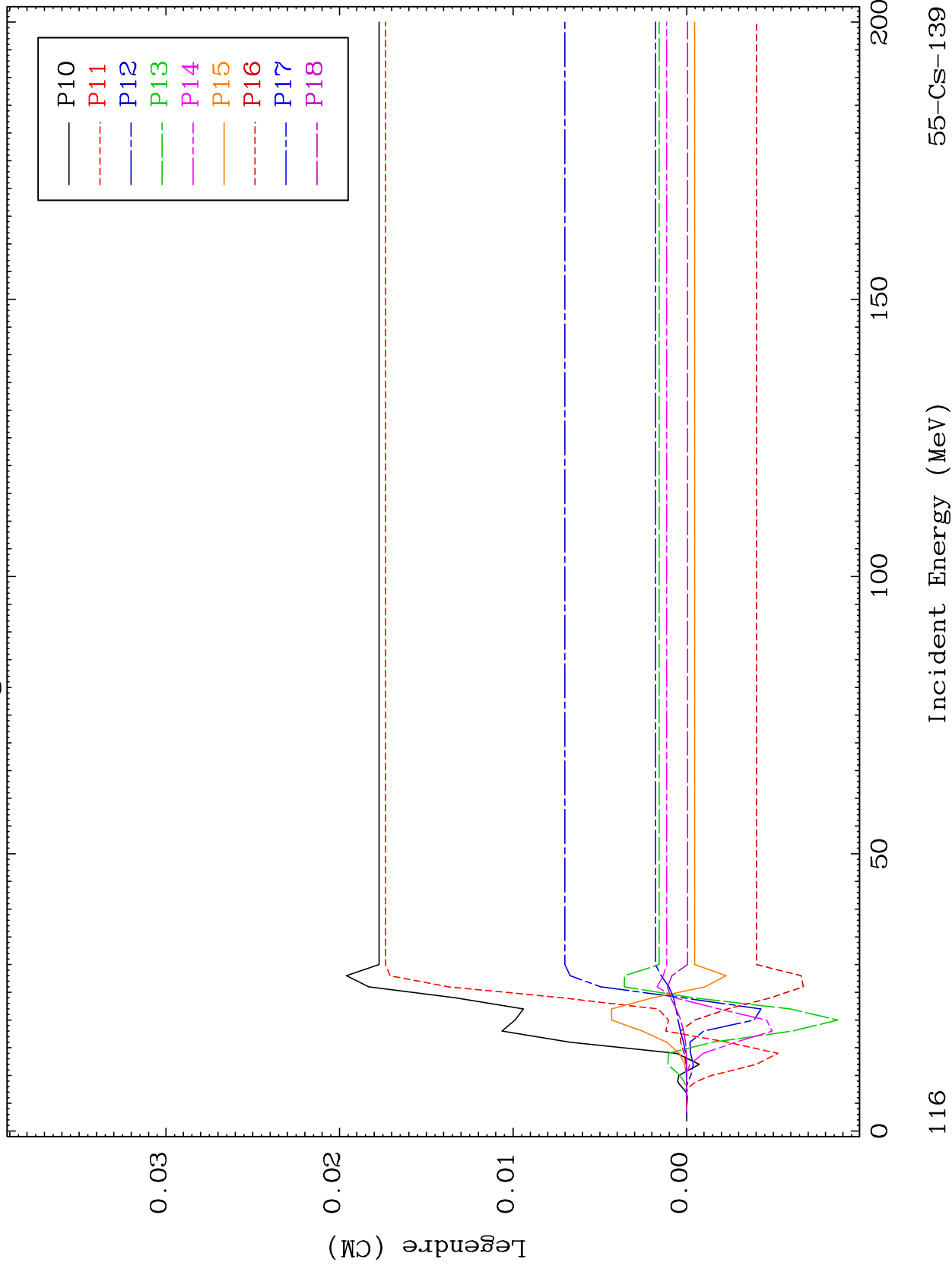
55-Cs-139



MAT 5543

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

55-Cs-139



116

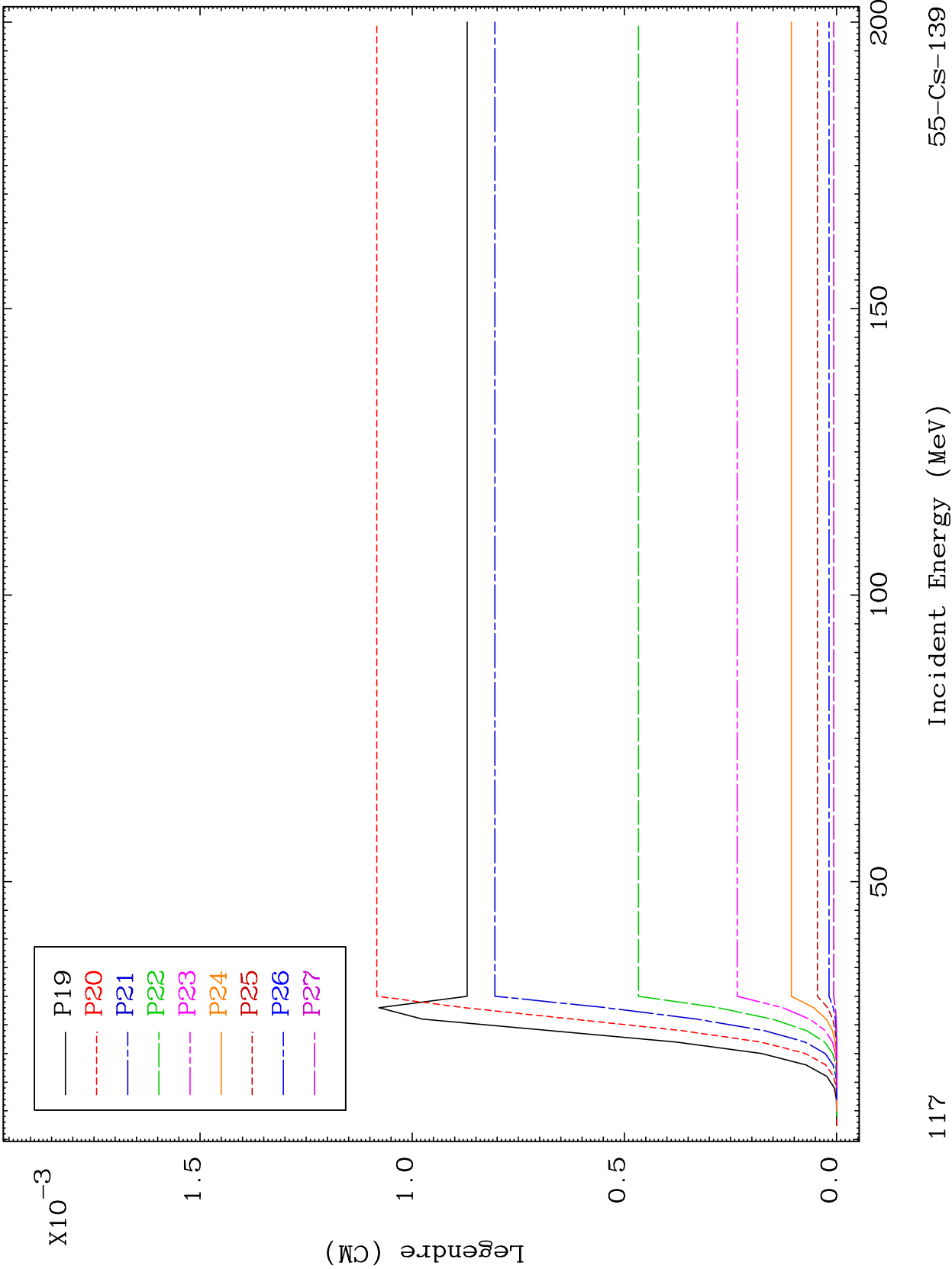
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

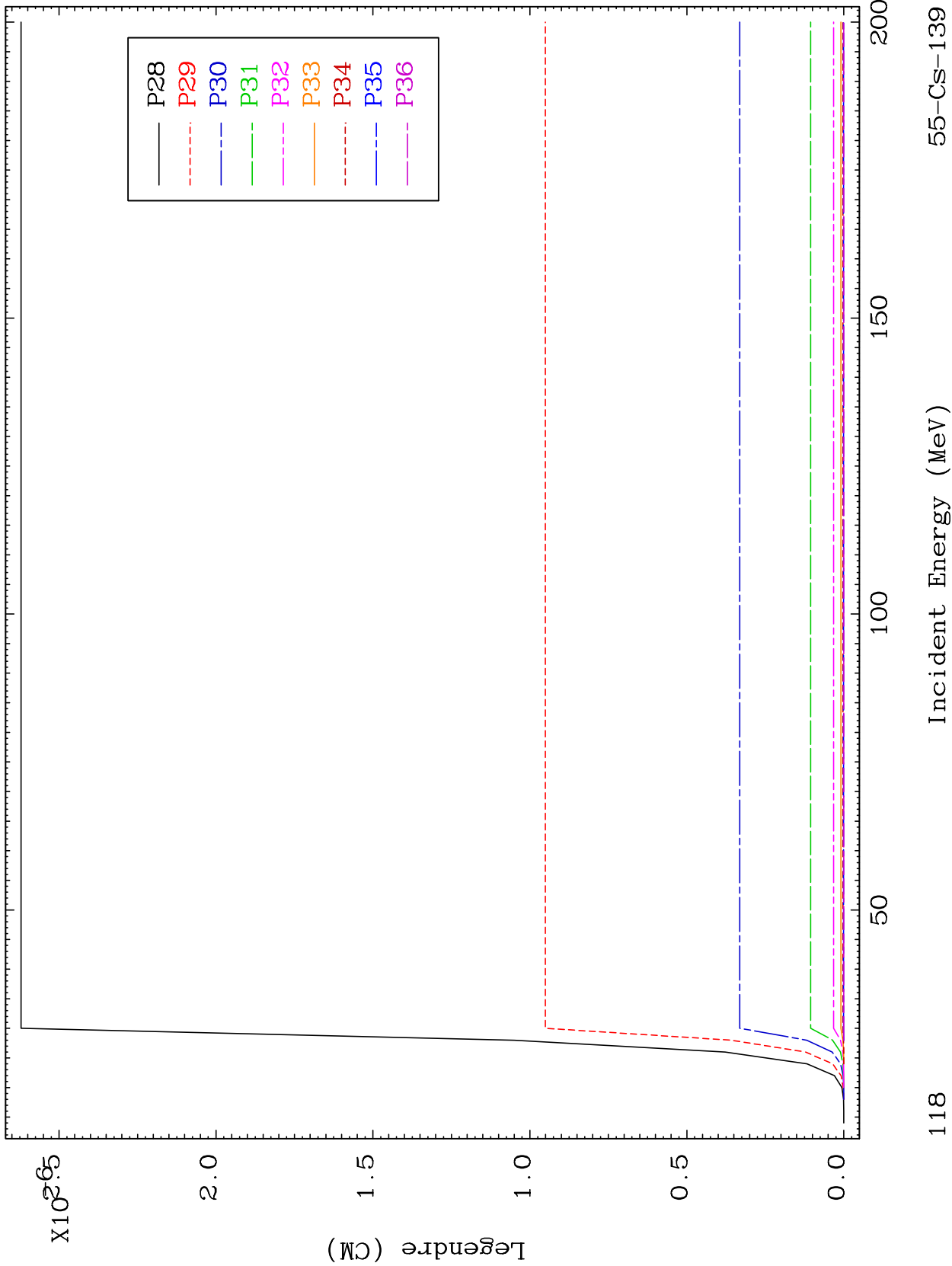
55-Cs-139



MAT 5543

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

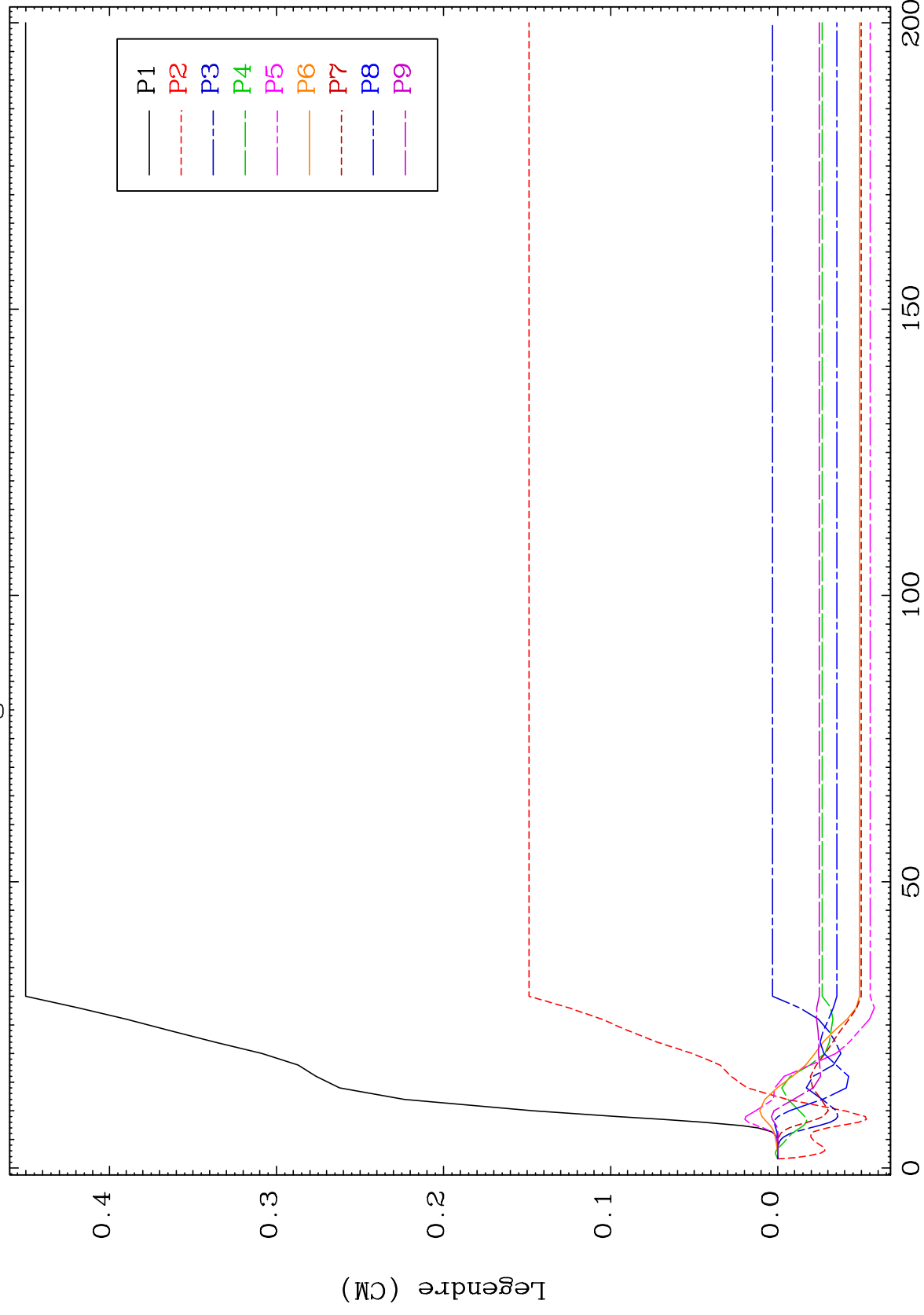
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

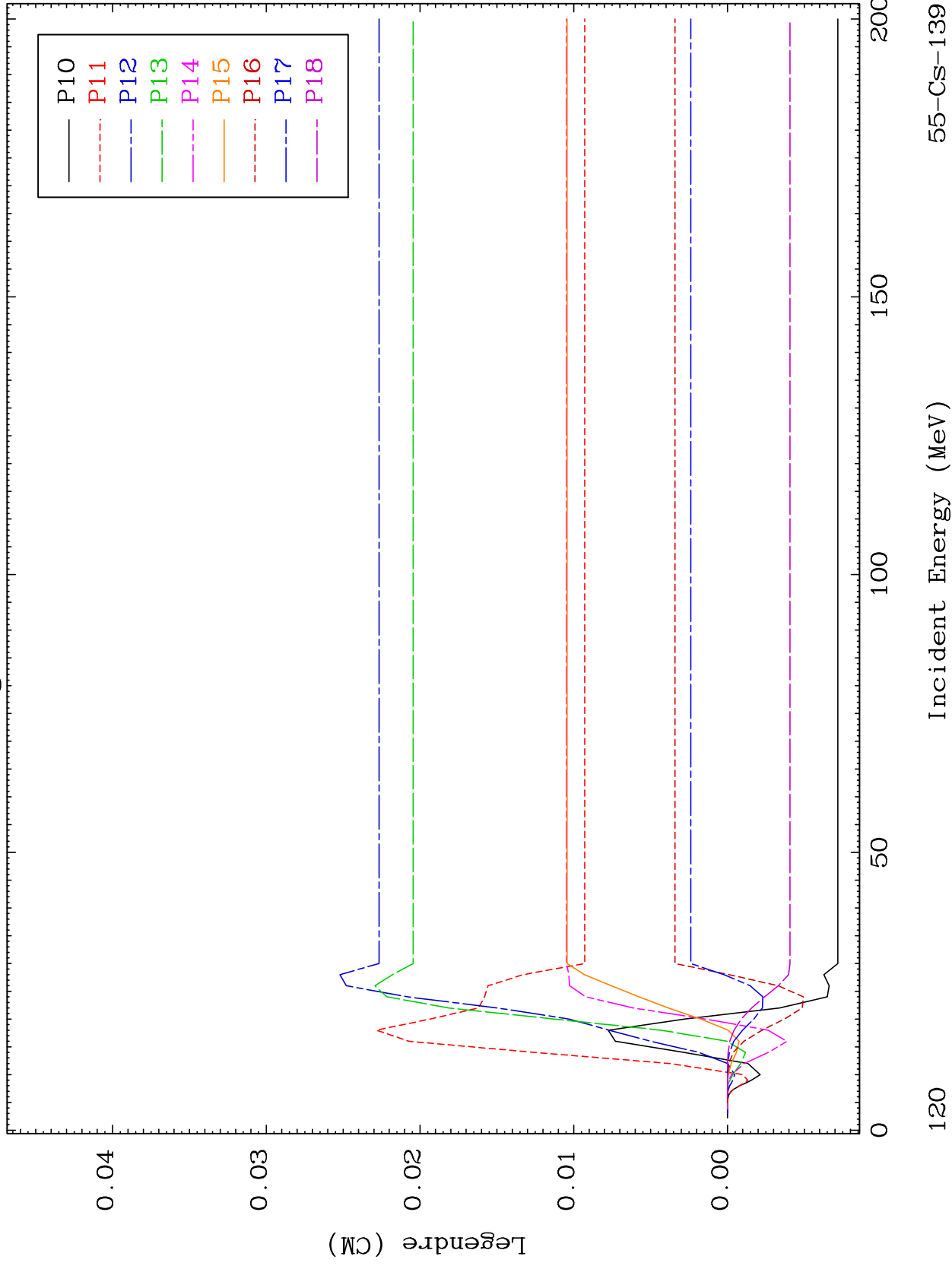
Incident Energy (MeV)

119

MAT 5543

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

55-Cs-139

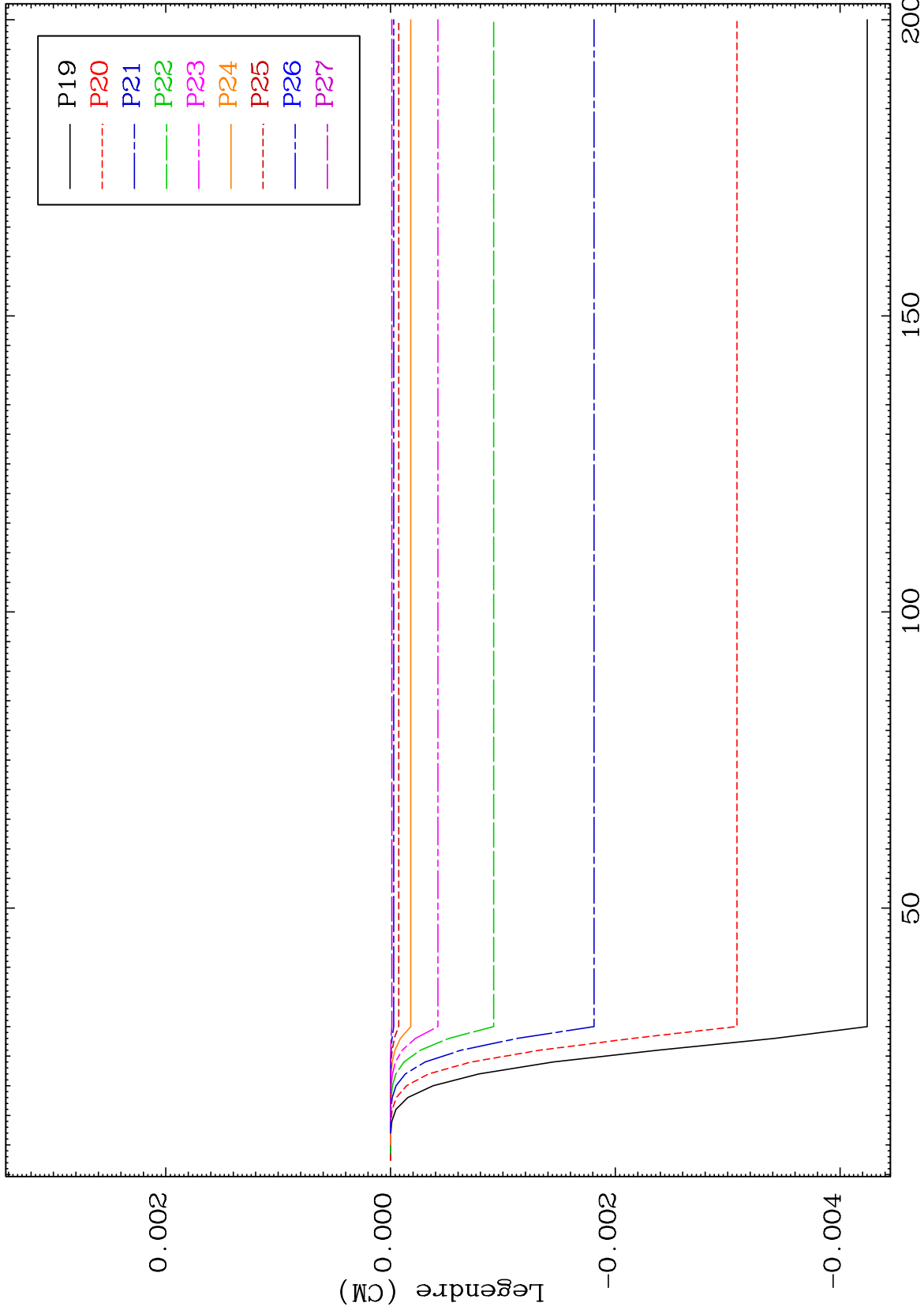


55-Cs-139

MAT 5543

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

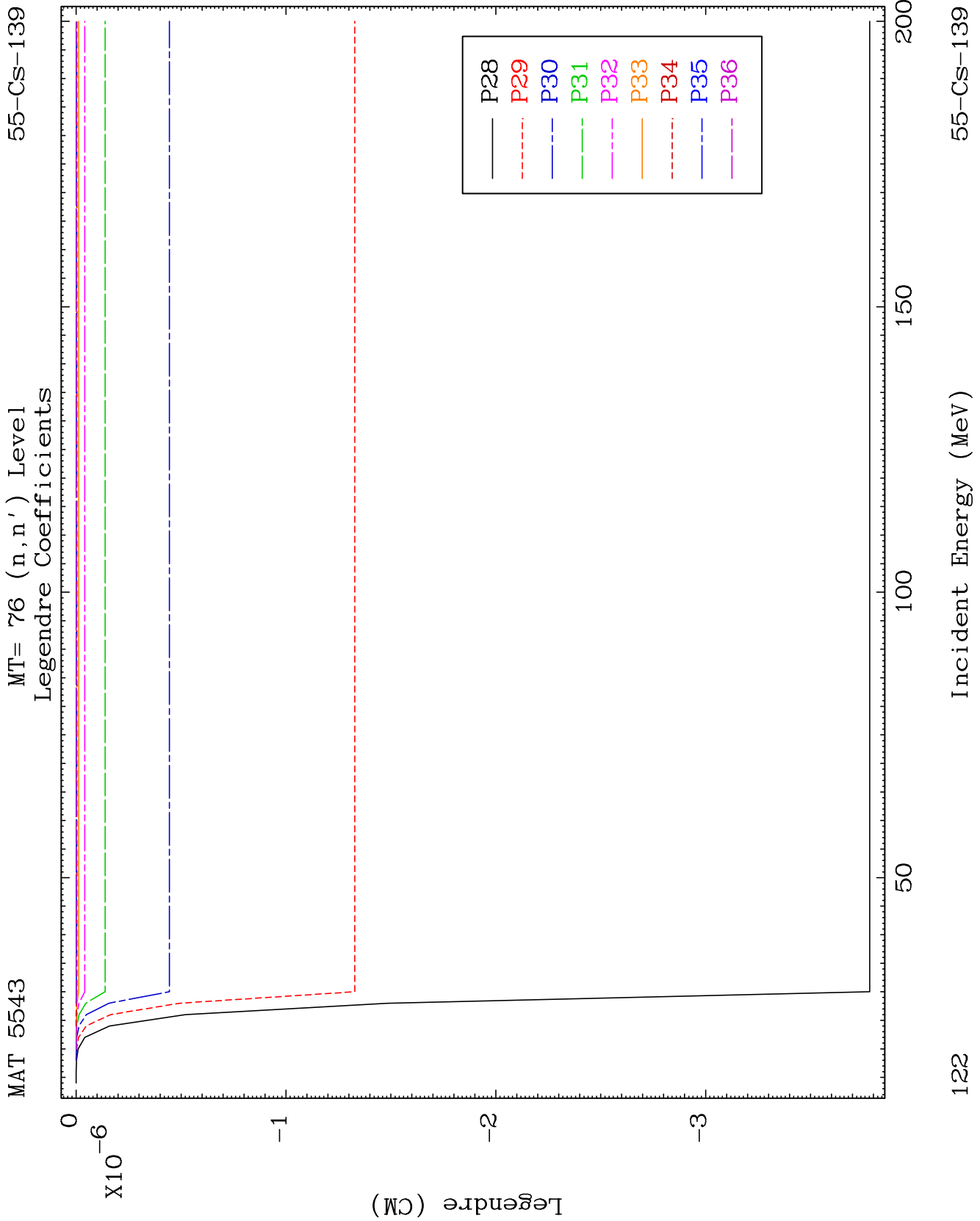
55-Cs-139



121

Incident Energy (MeV)

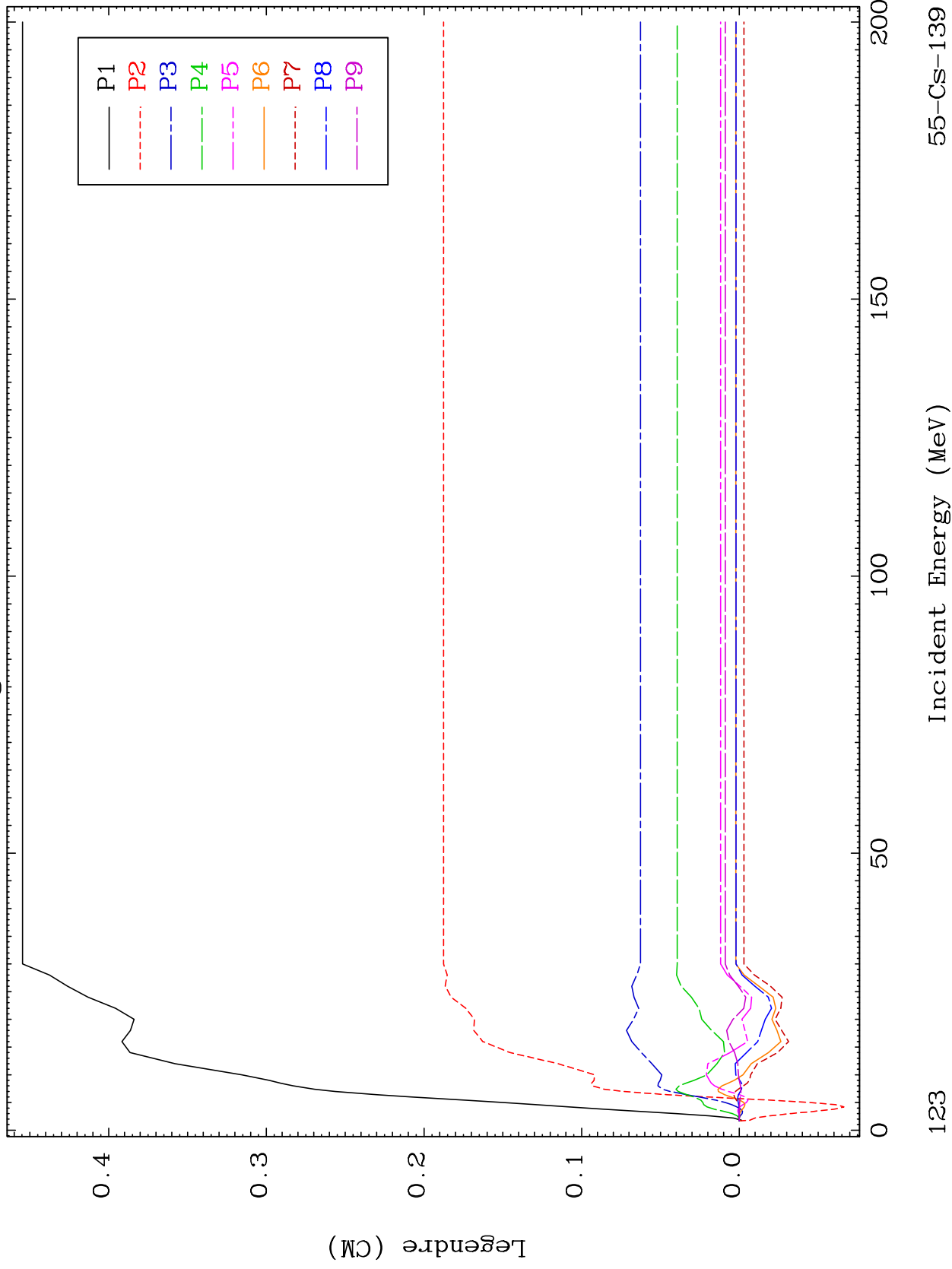
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

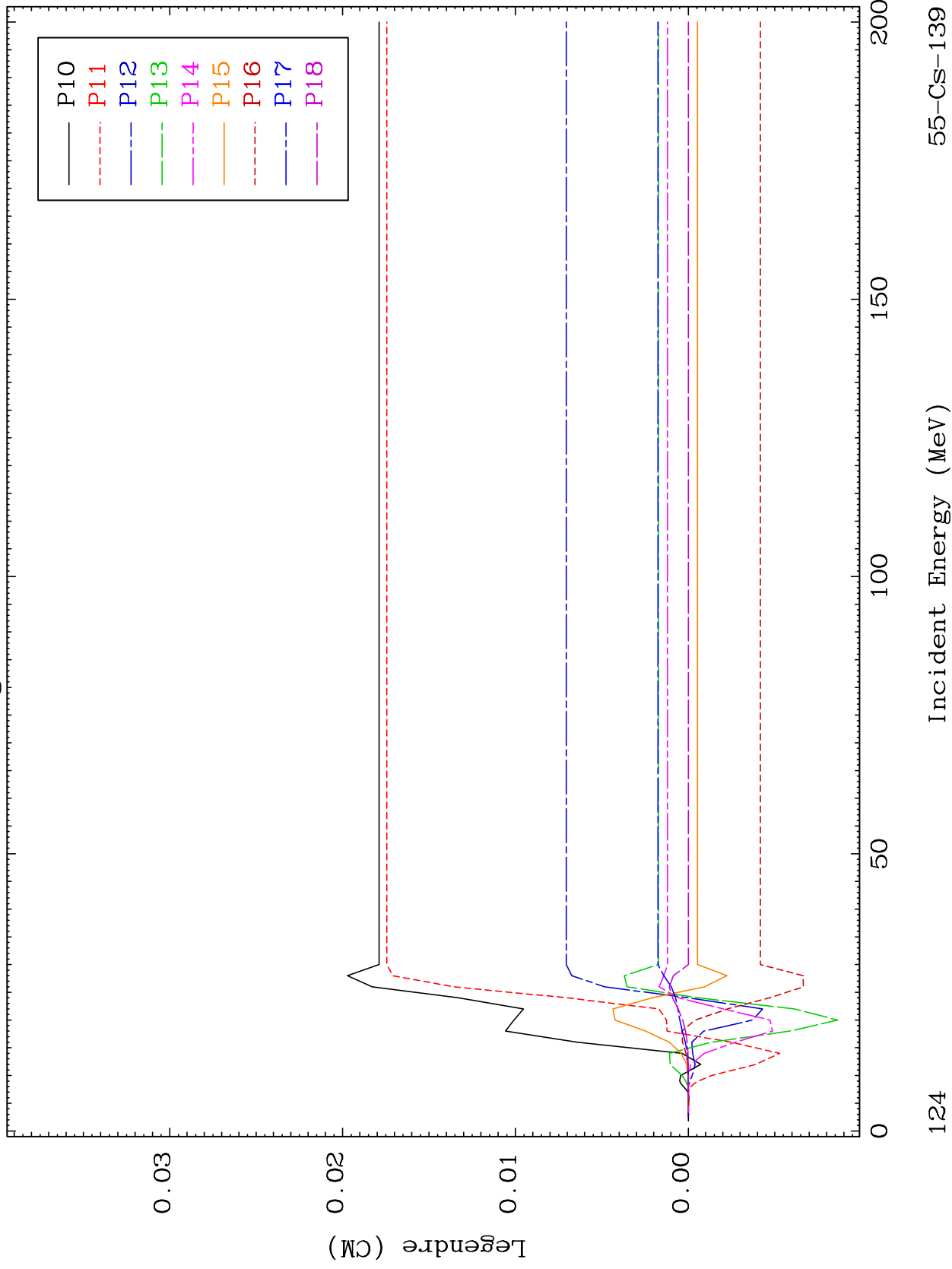
Incident Energy (MeV)

123

MAT 5543

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

55-Cs-139



55-Cs-139

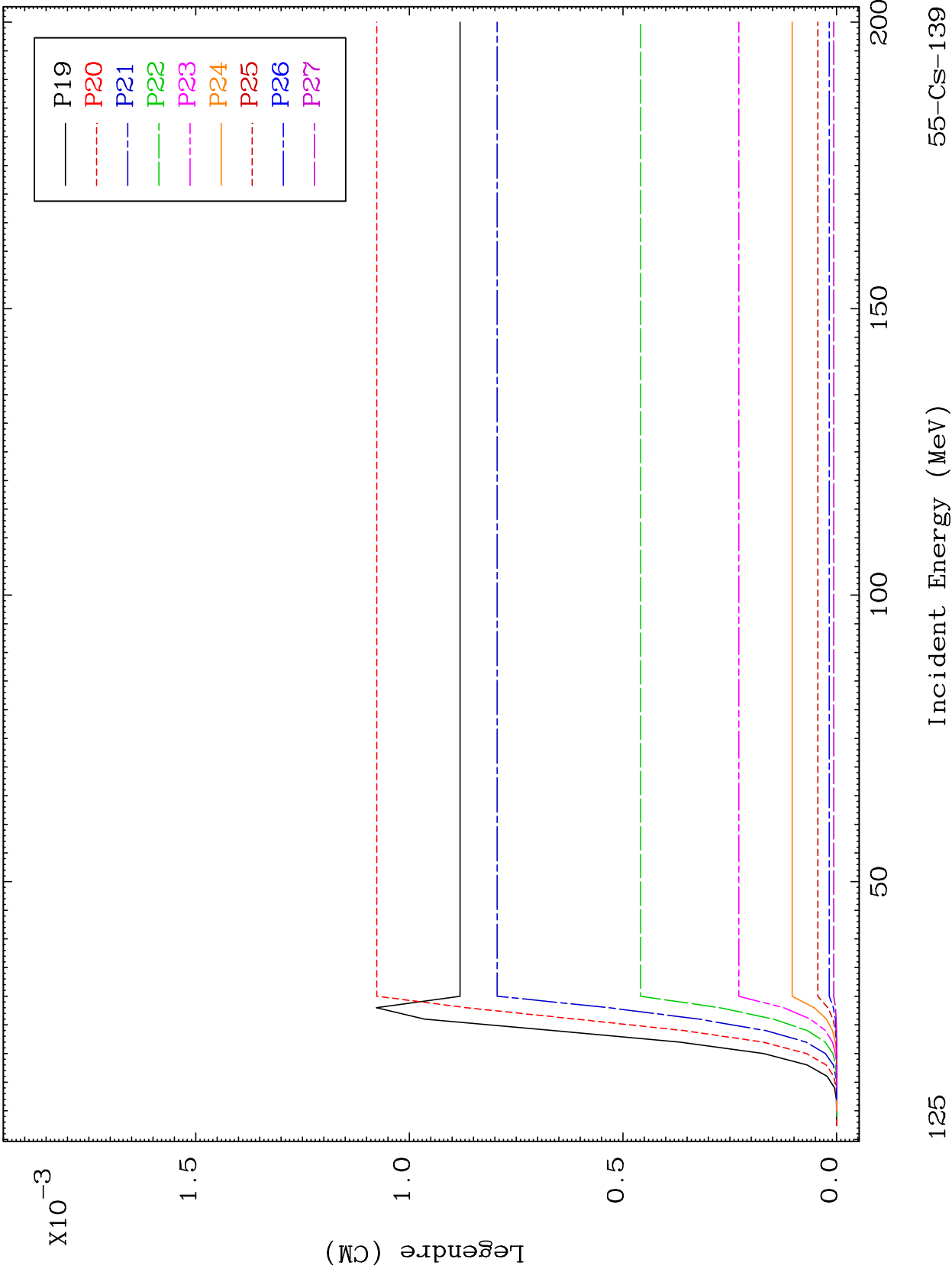
Incident Energy (MeV)

124

MAT 5543

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

55-Cs-139



55-Cs-139

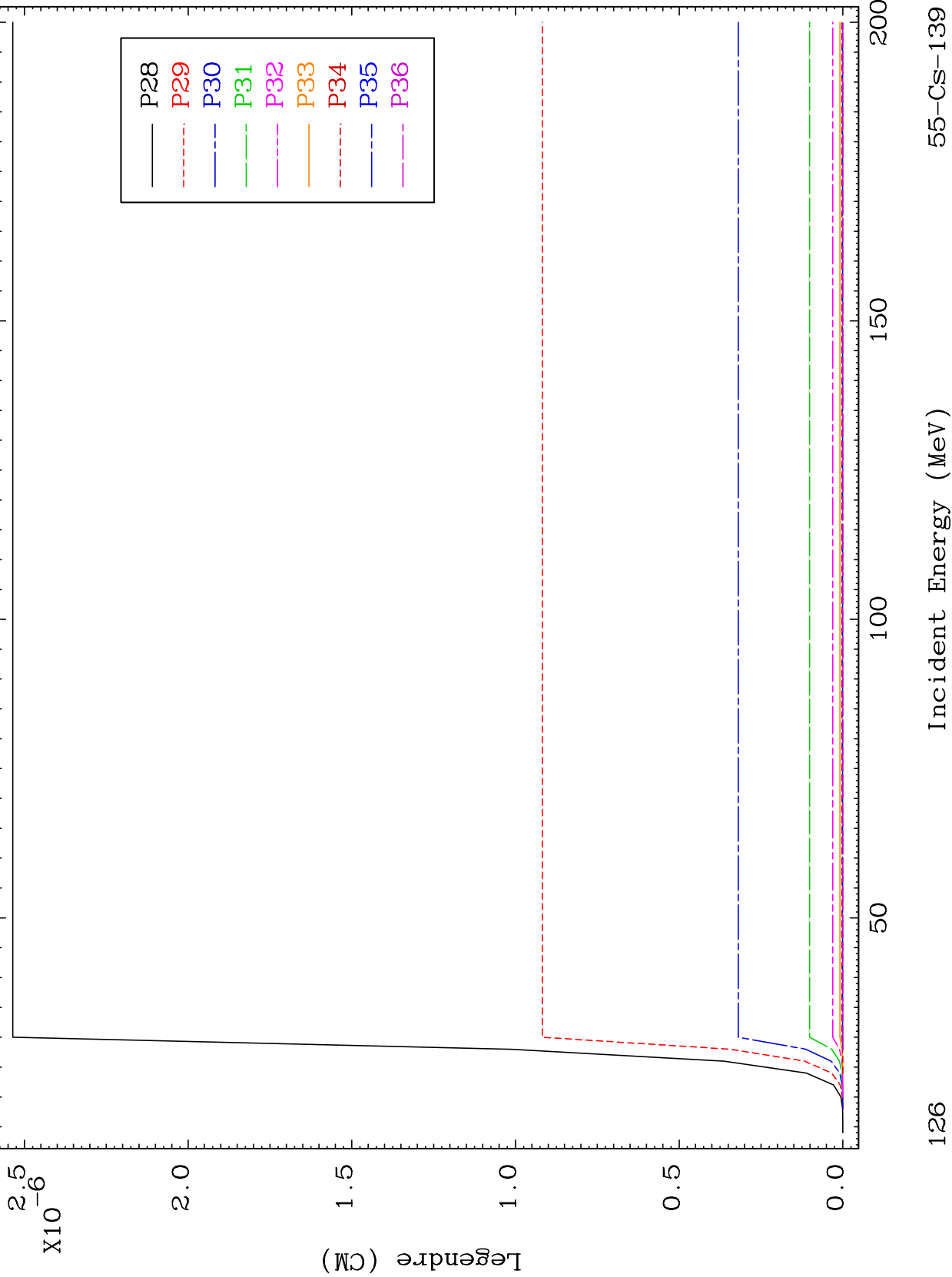
Incident Energy (MeV)

125

MAT 5543

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

55-Cs-139



126

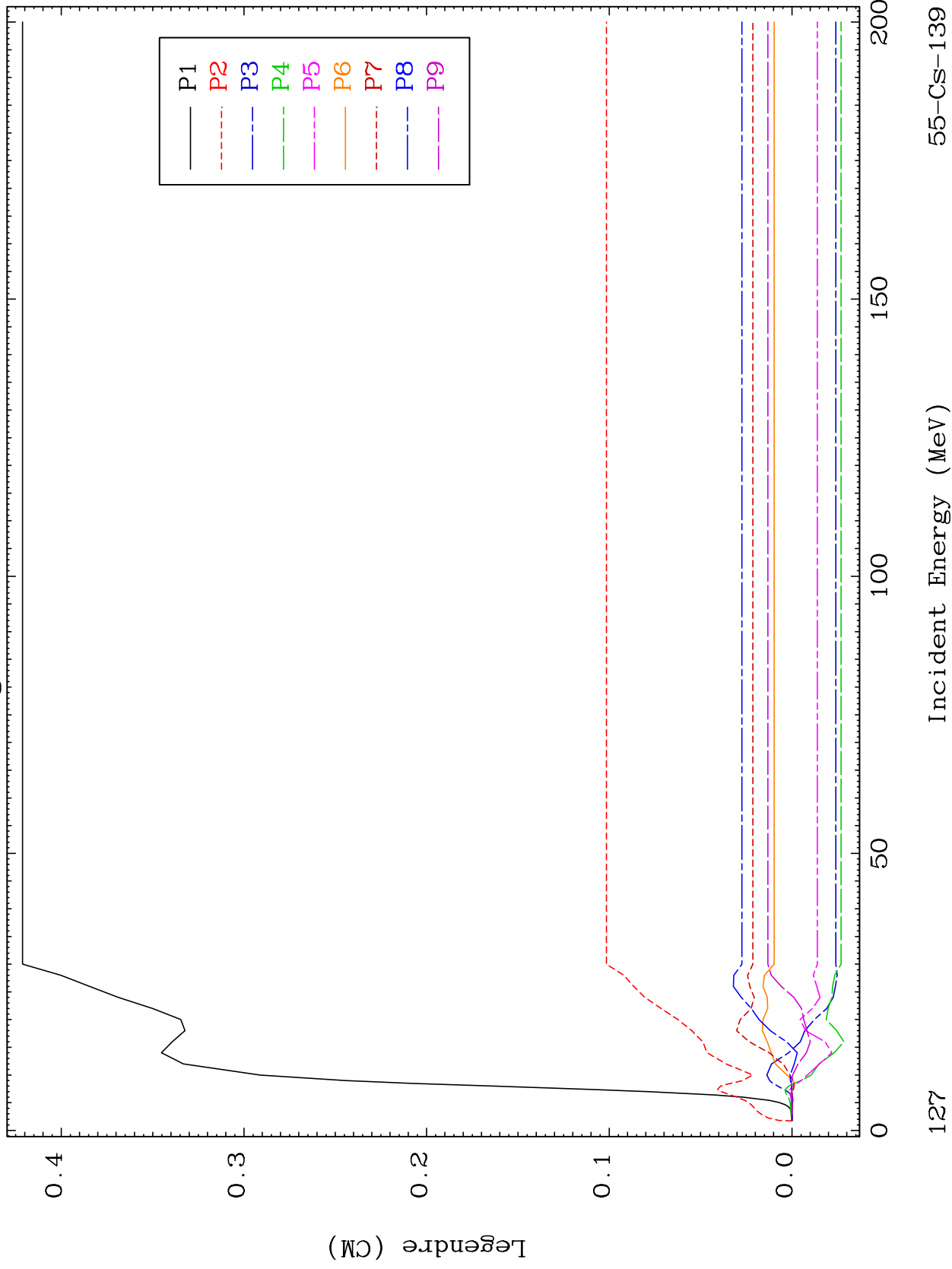
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



55-Cs-139

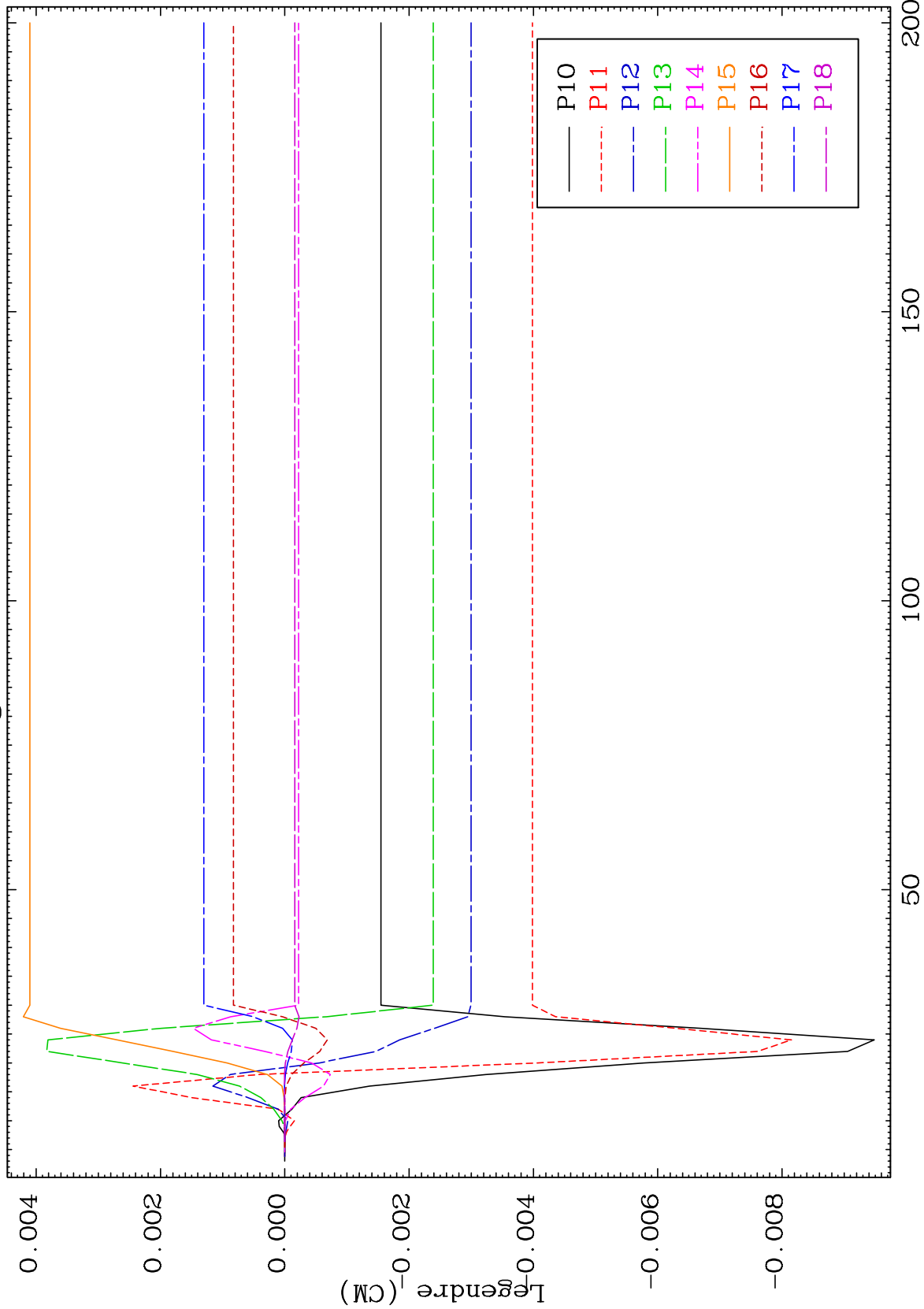
Incident Energy (MeV)

127

MAT 5543

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

55-Cs-139



128

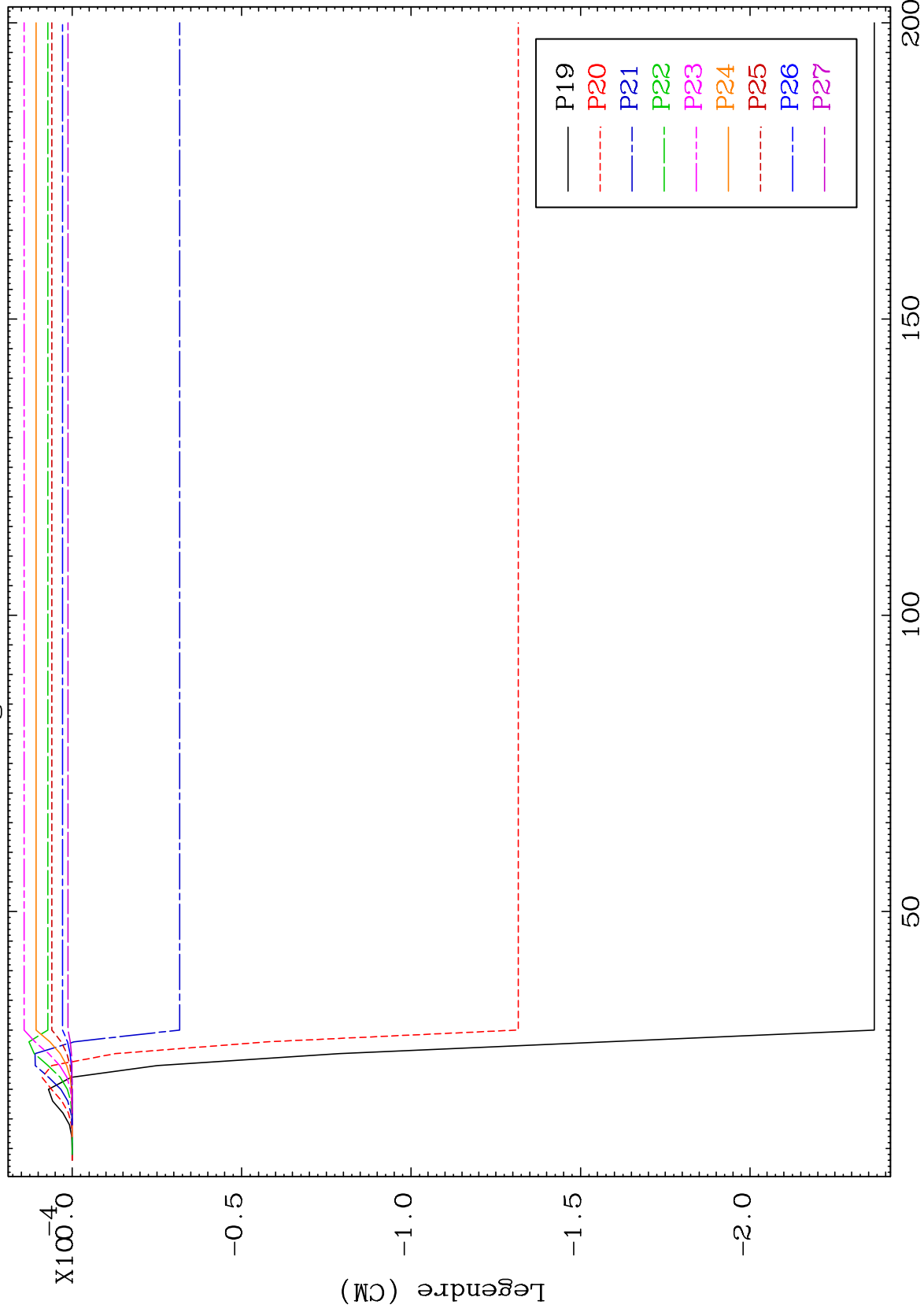
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



129

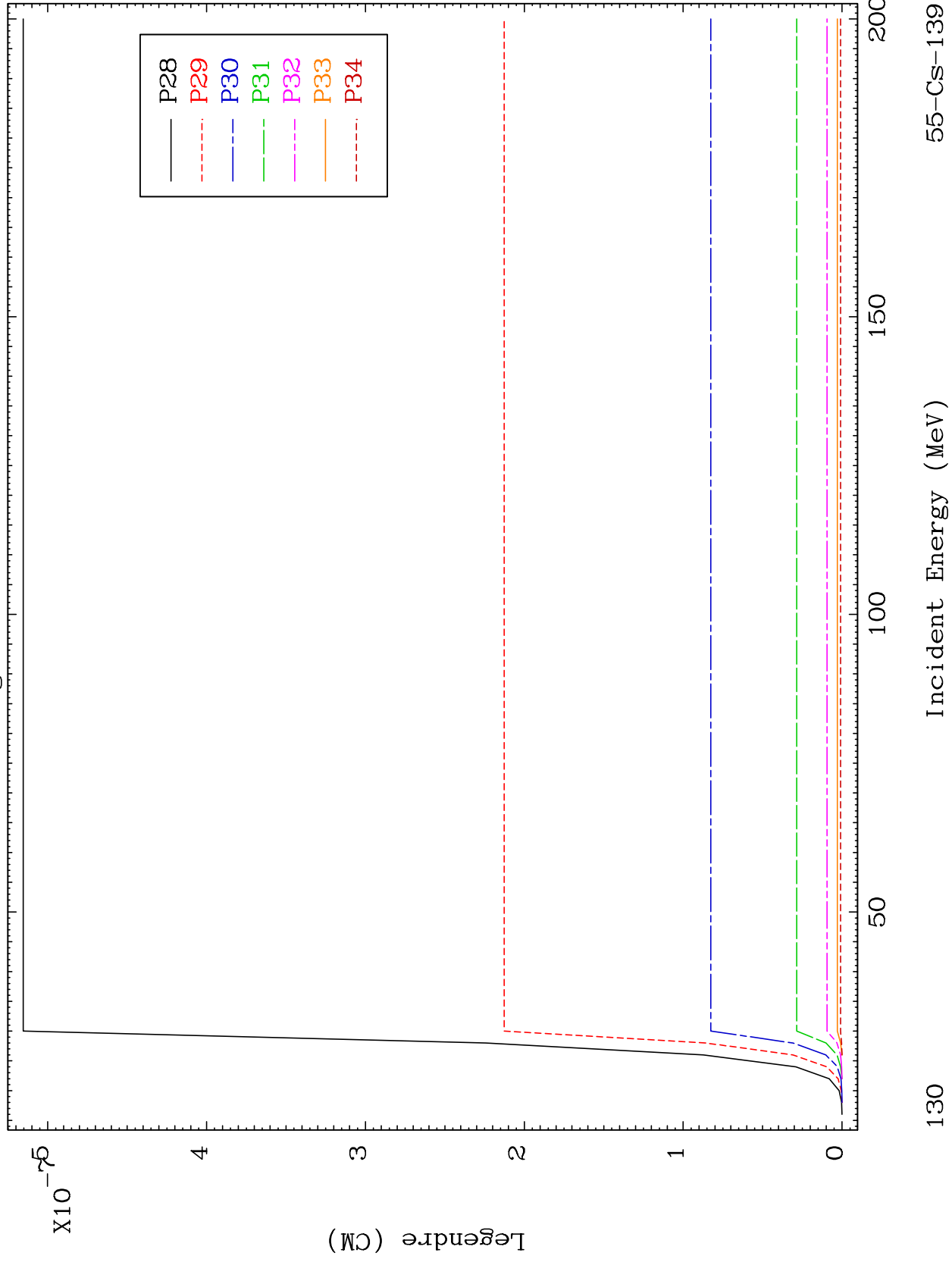
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

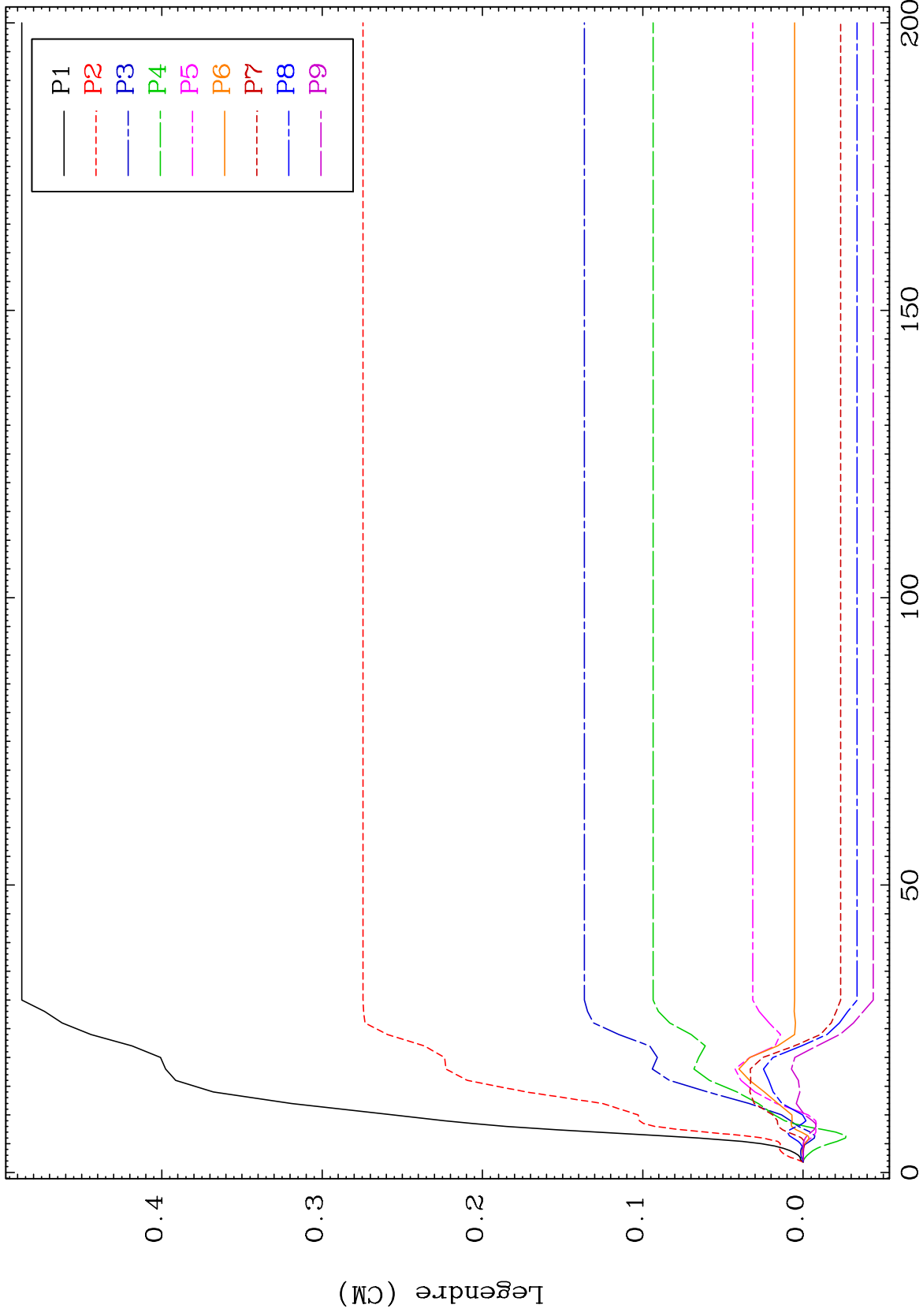
55-Cs-139



MAT 5543

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

55-Cs-139



131

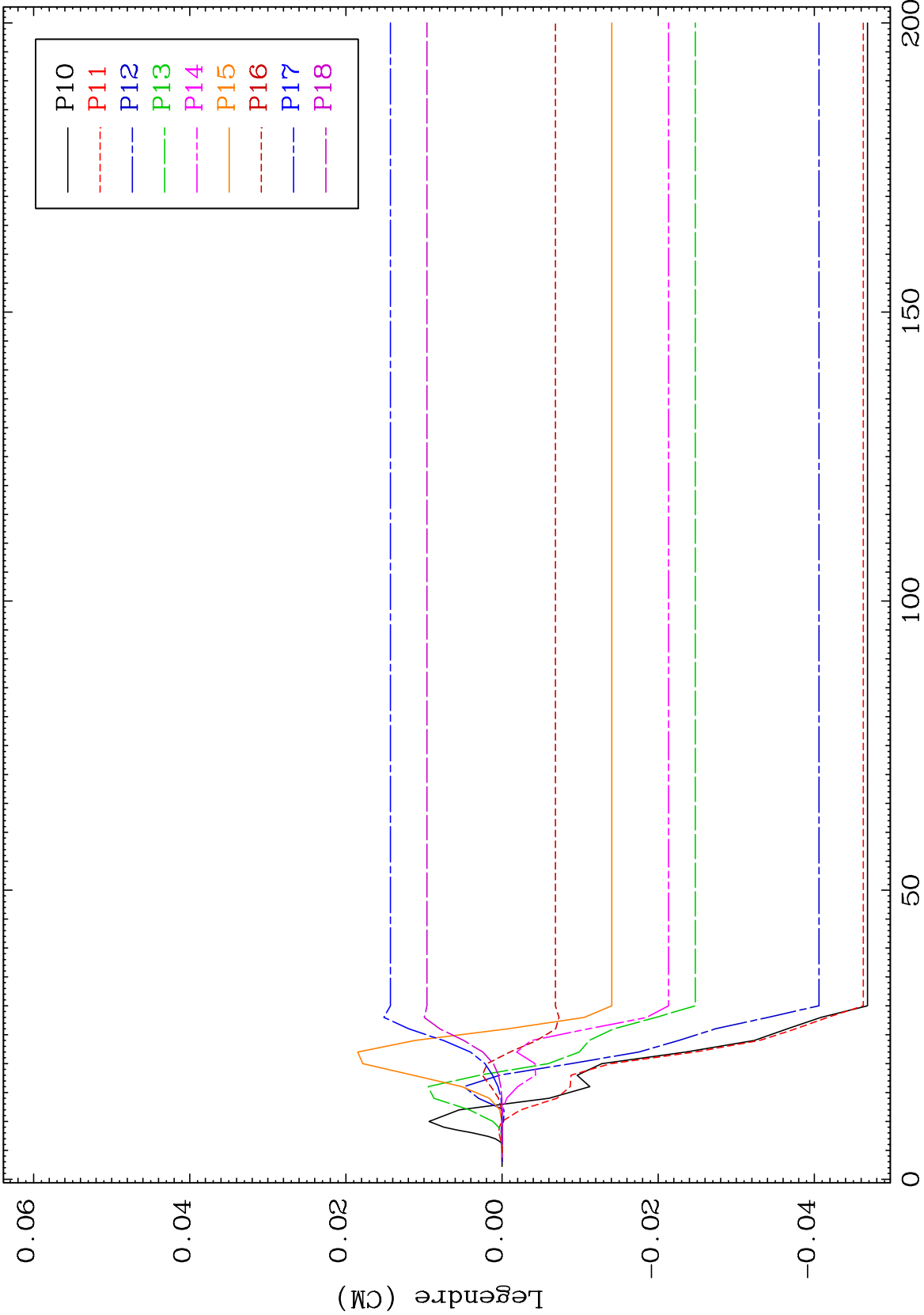
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



132

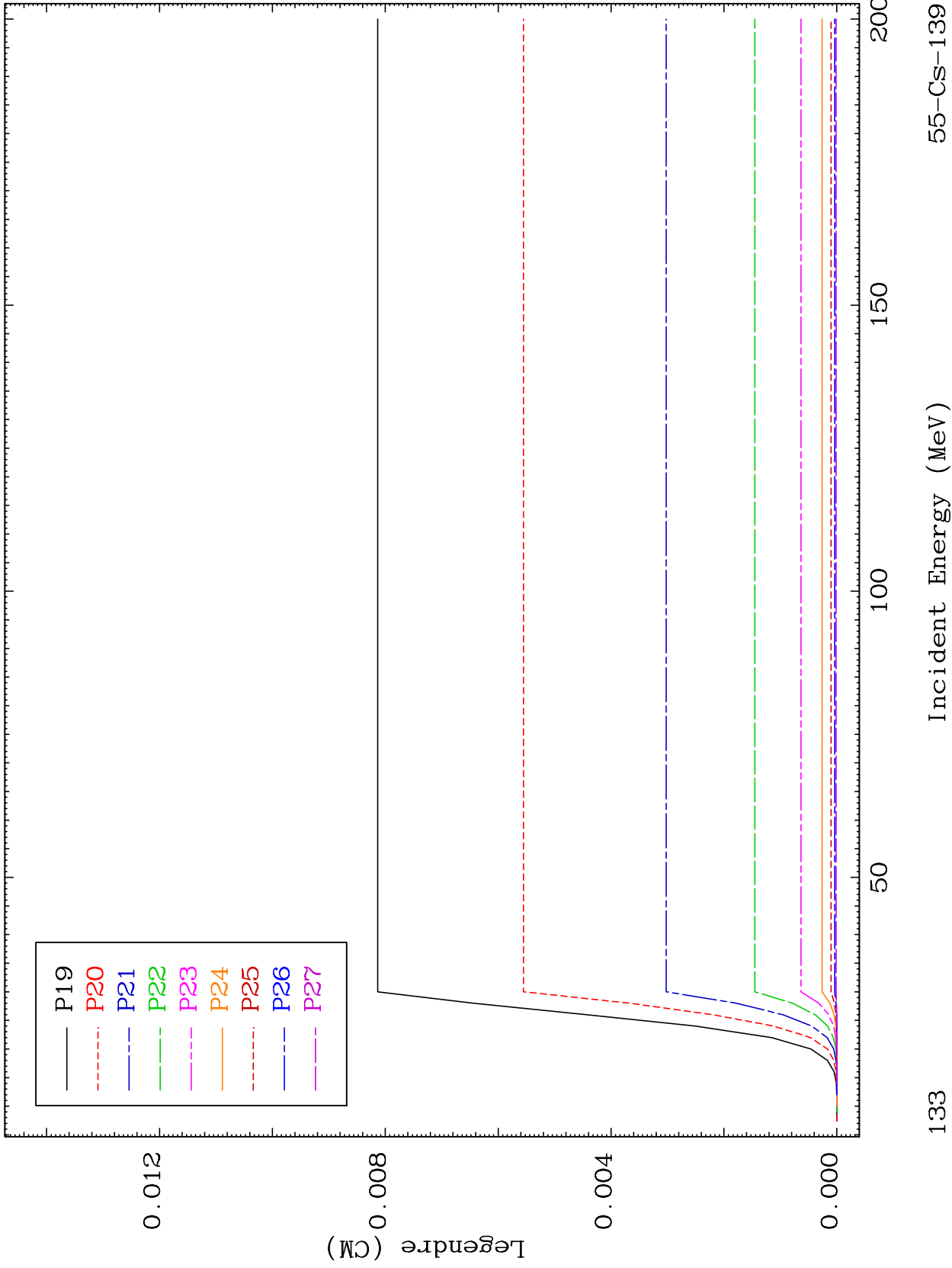
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



133

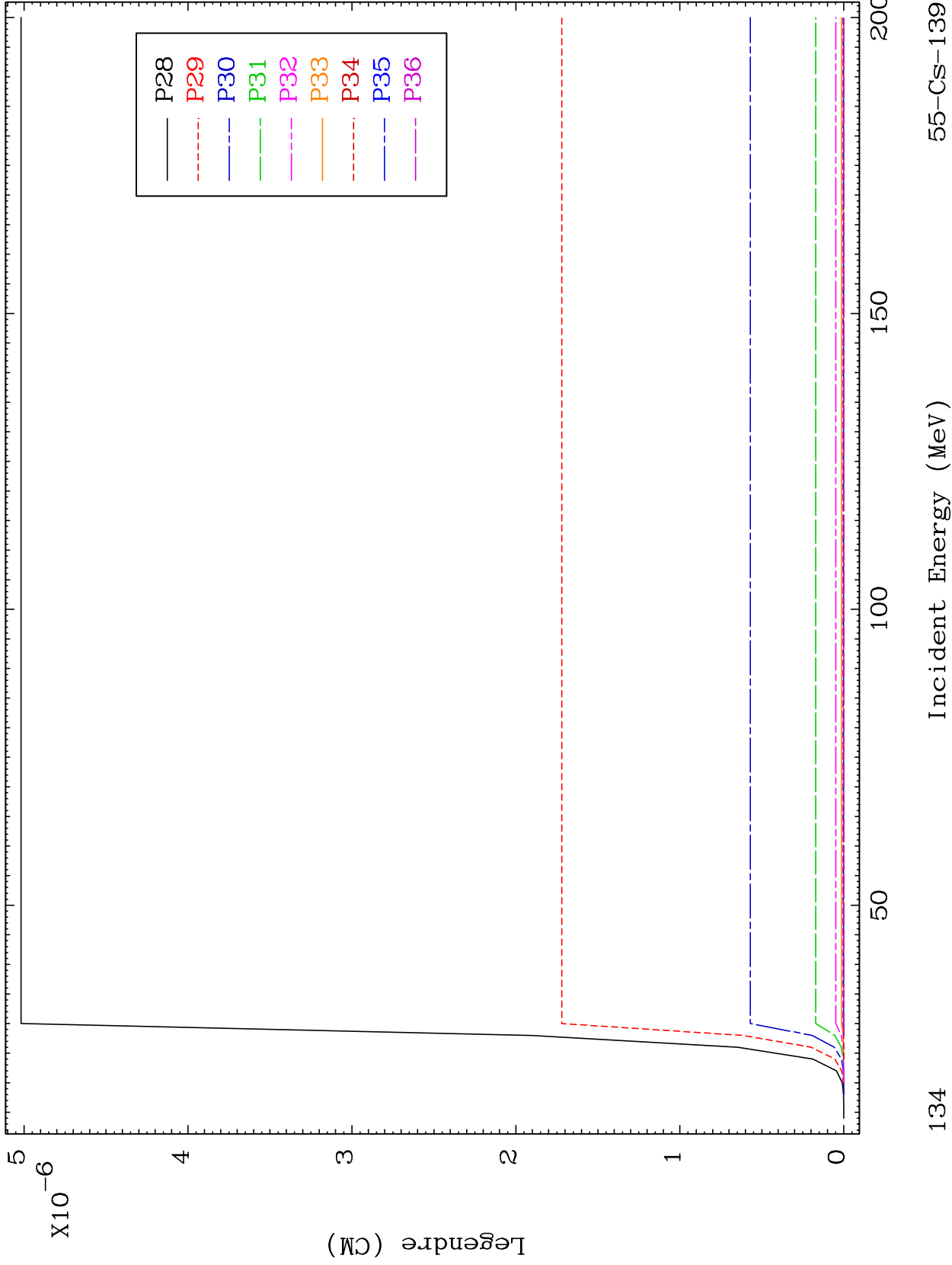
Incident Energy (MeV)

55-Cs-139

MAT 5543

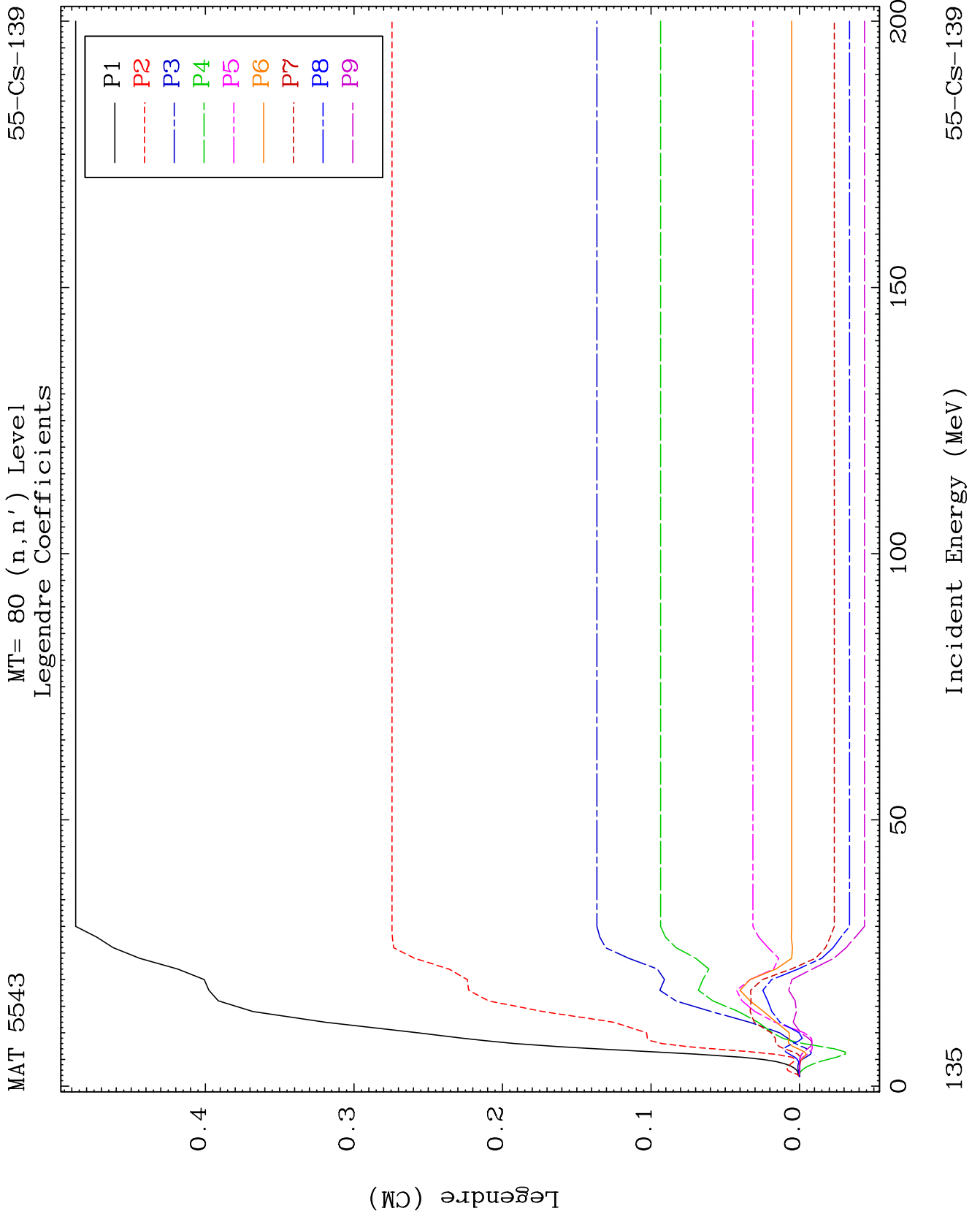
MT= 79 (n,n') Level
Legendre Coefficients

55-Cs-139



134

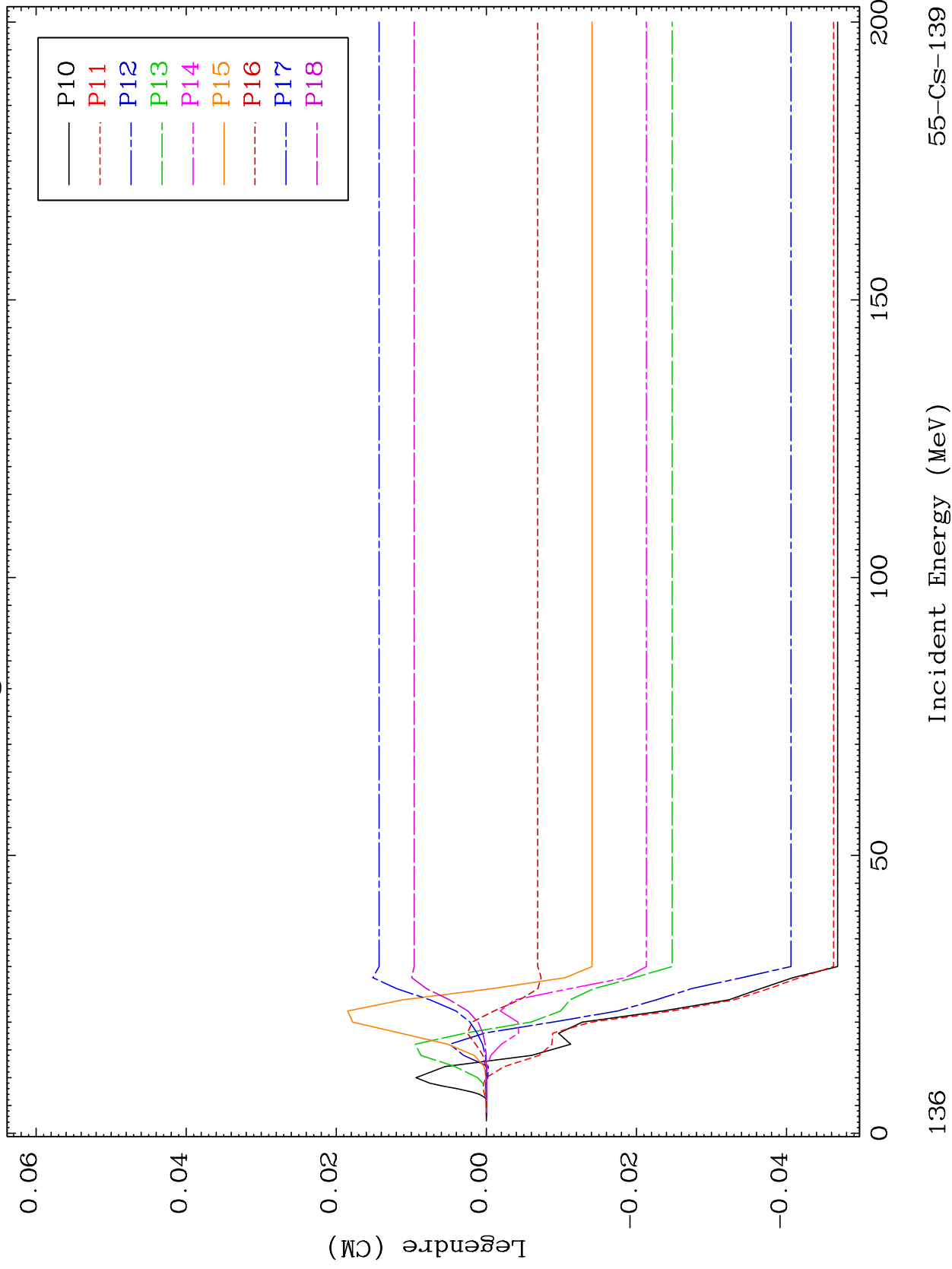
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

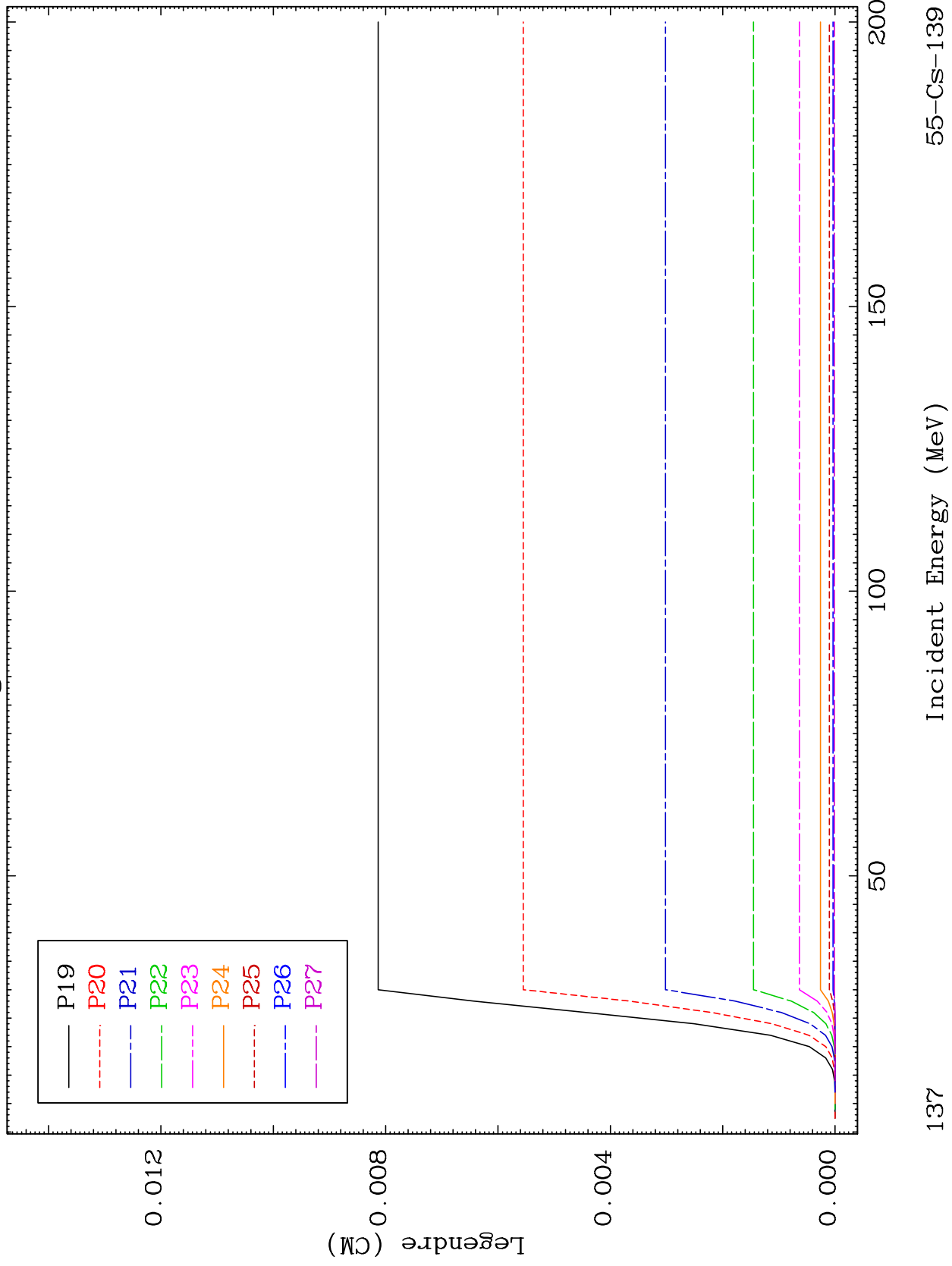
Incident Energy (MeV)

136

MAT 5543

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

55-Cs-139



137

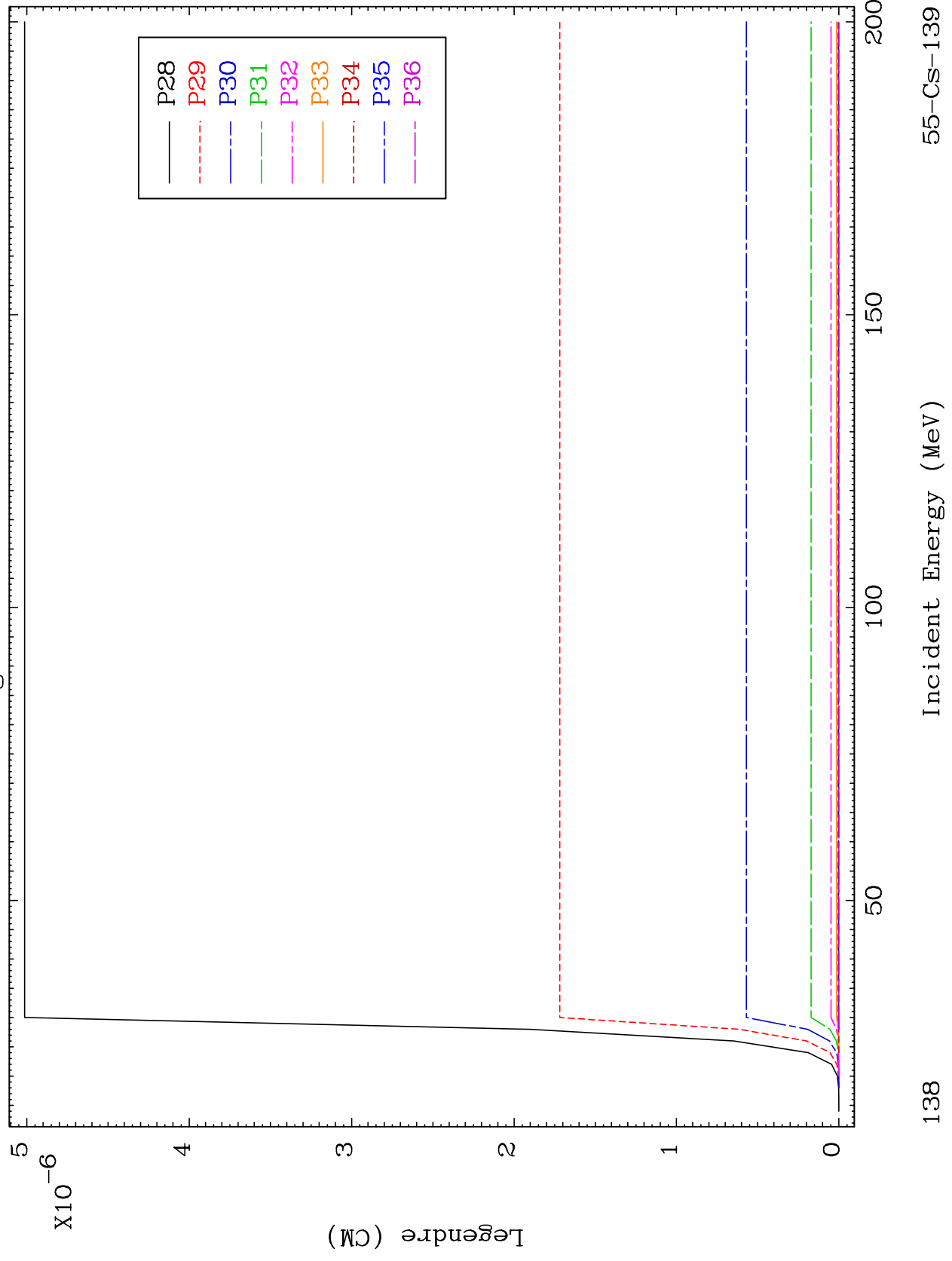
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



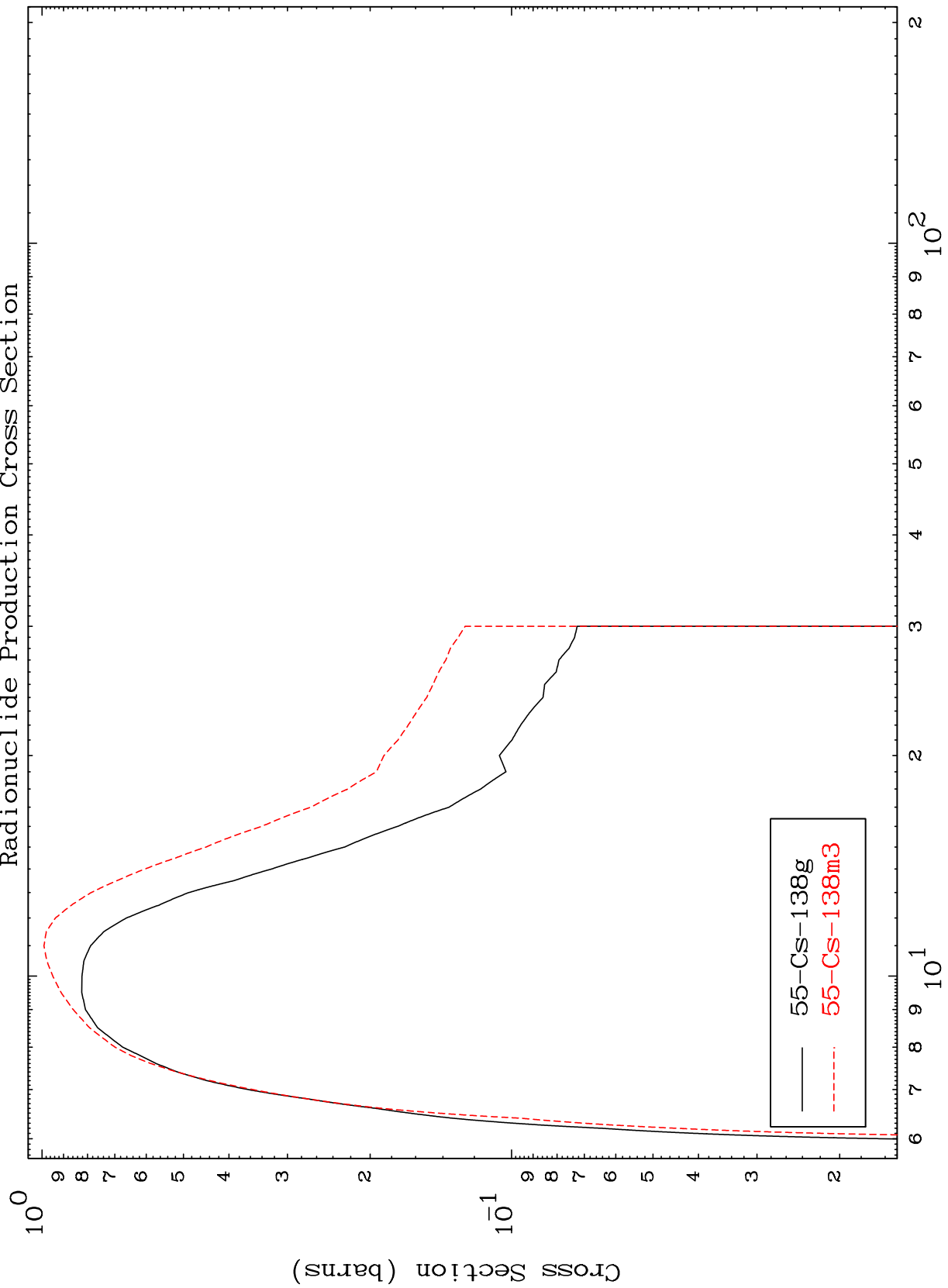
138

55-Cs-139

MAT 5543

55-Cs-139

(n,2n)
Radionuclide Production Cross Section



55-Cs-138g
55-Cs-138m3

55-Cs-139

Incident Energy (MeV)

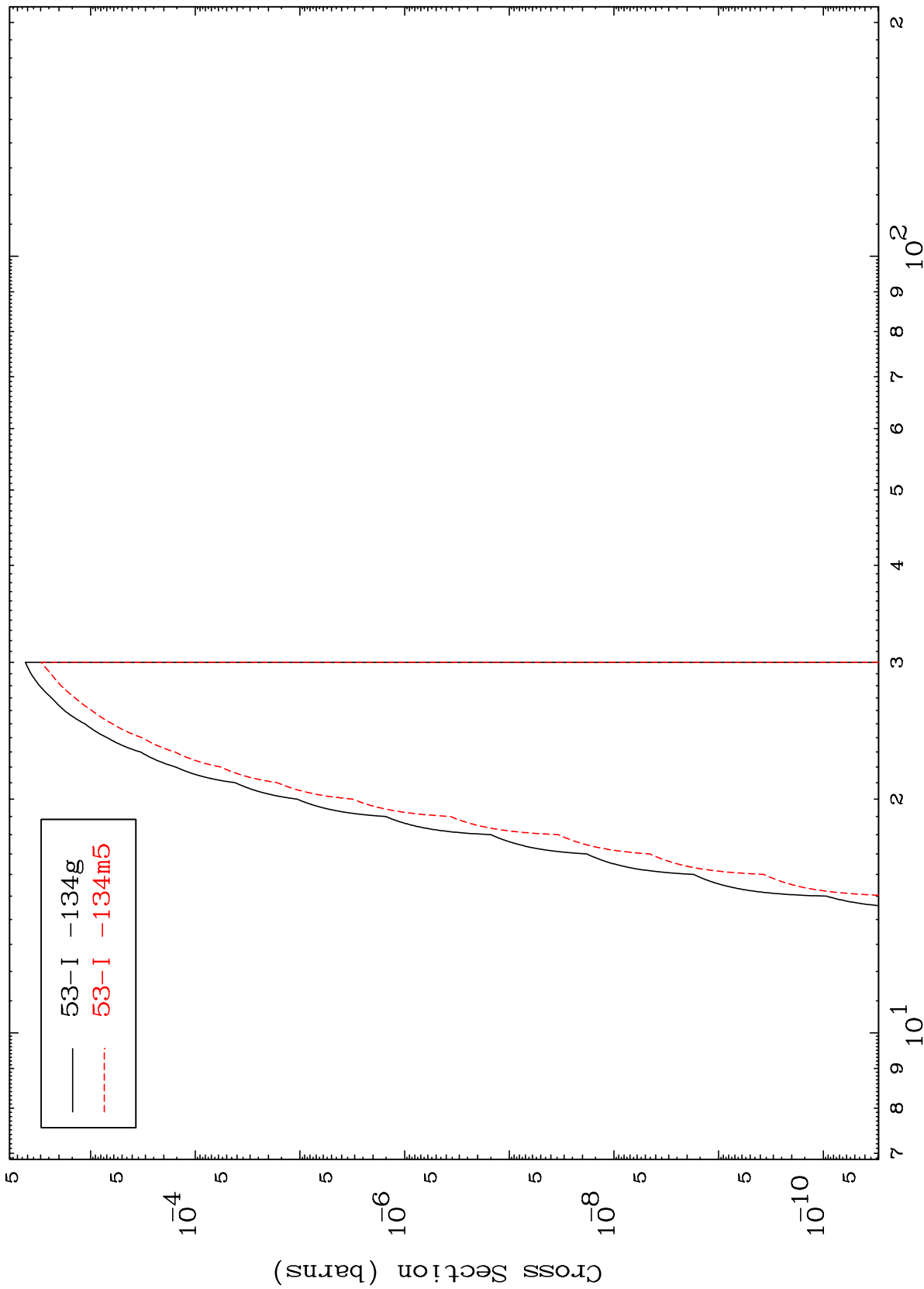
139

MAT 5543

(n,2n) α

55-Cs-139

Radionuclide Production Cross Section



140

Incident Energy (MeV)

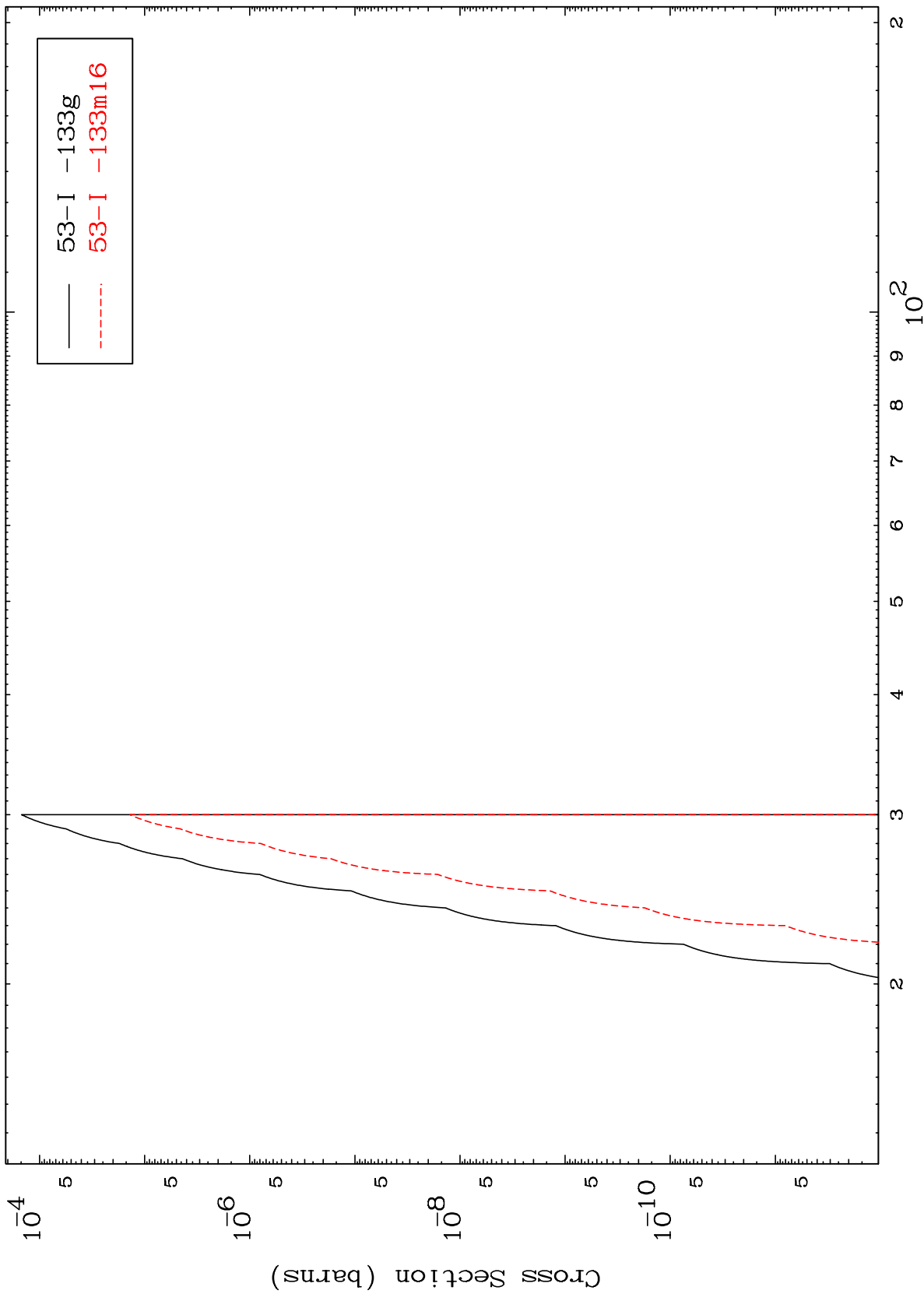
55-Cs-139

MAT 5543

(n,3n) α

55-Cs-139

Radionuclide Production Cross Section



141

Incident Energy (MeV)

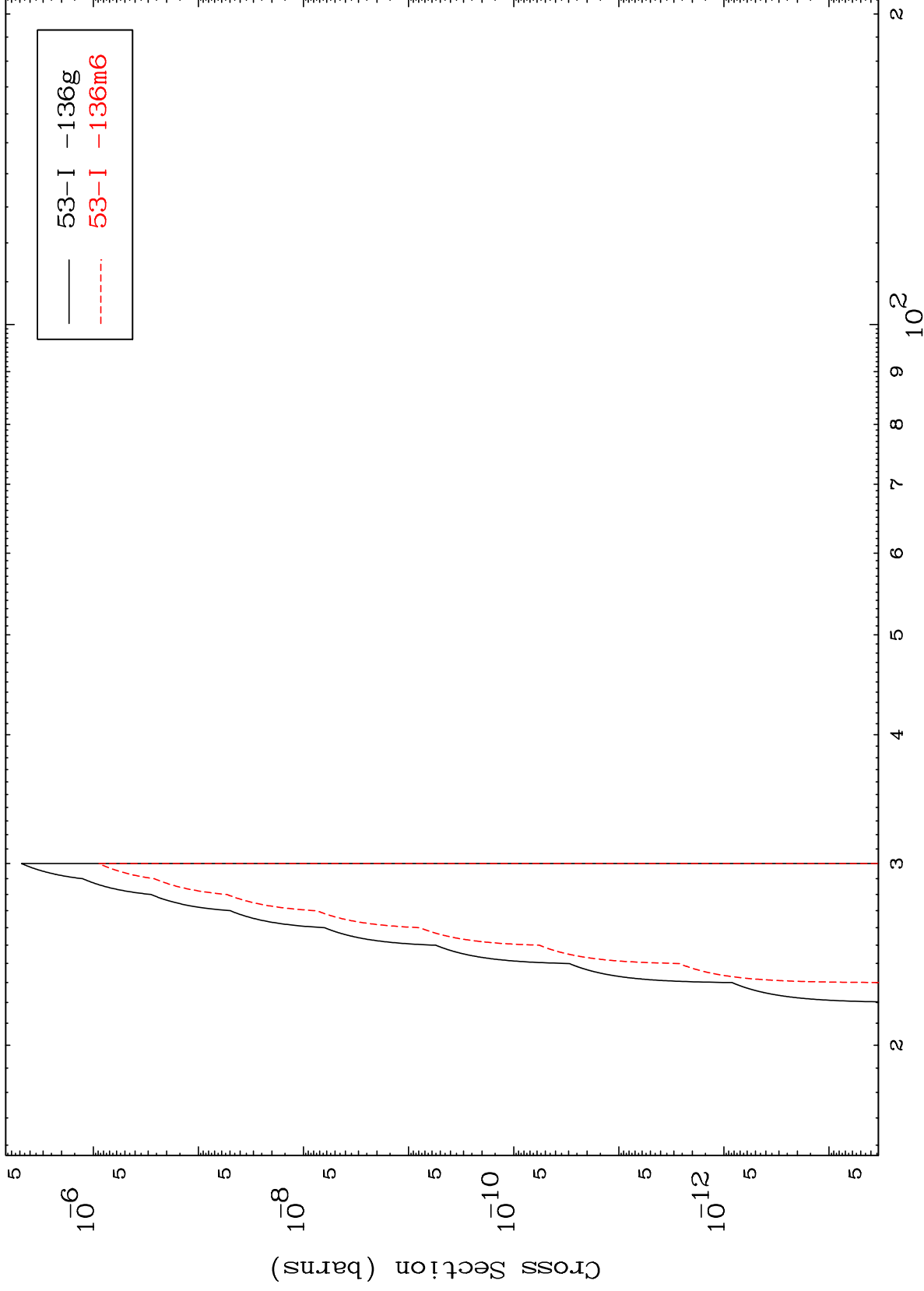
55-Cs-139

MAT 5543

(n,n') He-3

55-Cs-139

Radionuclide Production Cross Section



142

Incident Energy (MeV)

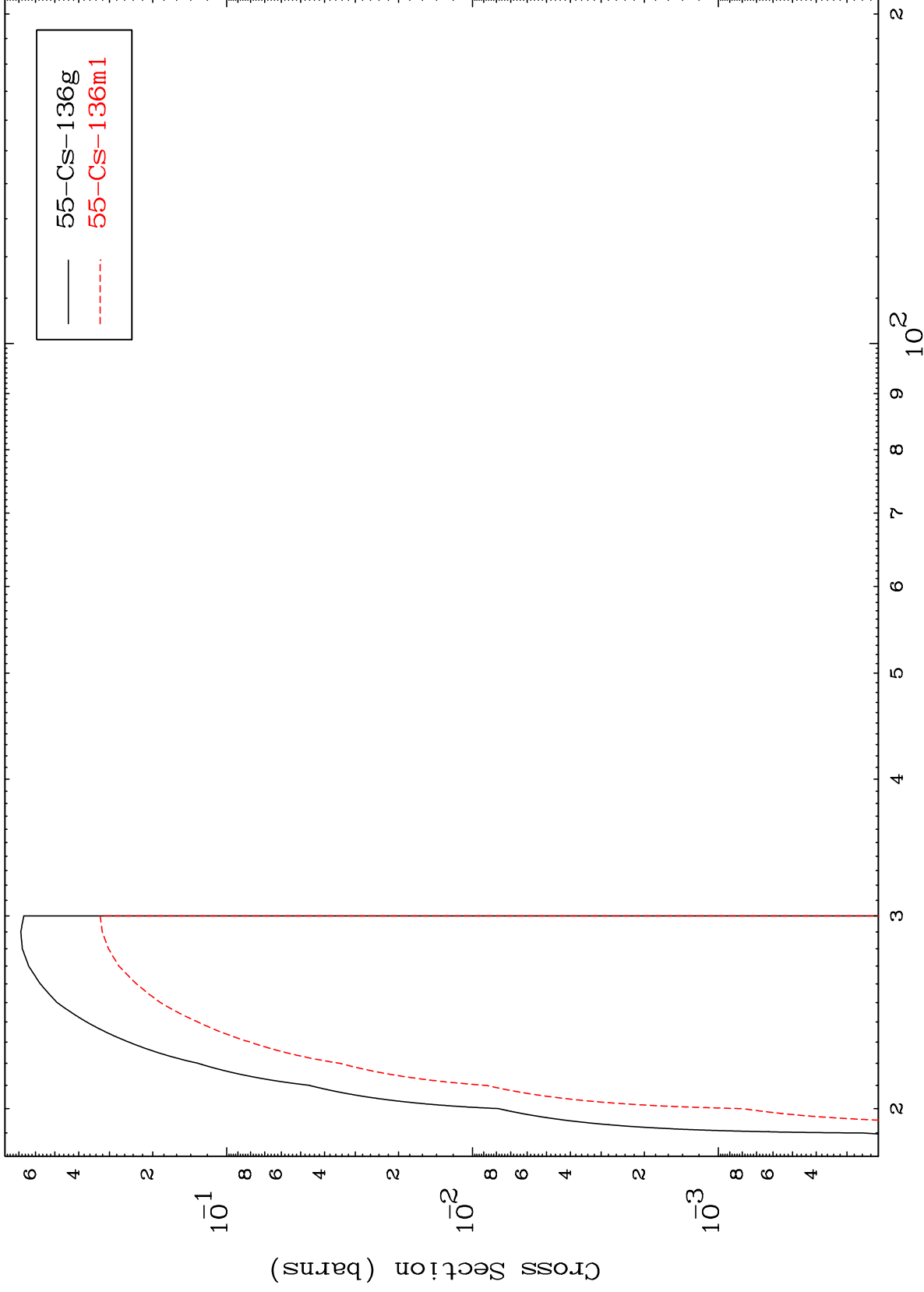
55-Cs-139

MAT 5543

(n,4n)

55-Cs-139

Radionuclide Production Cross Section



143

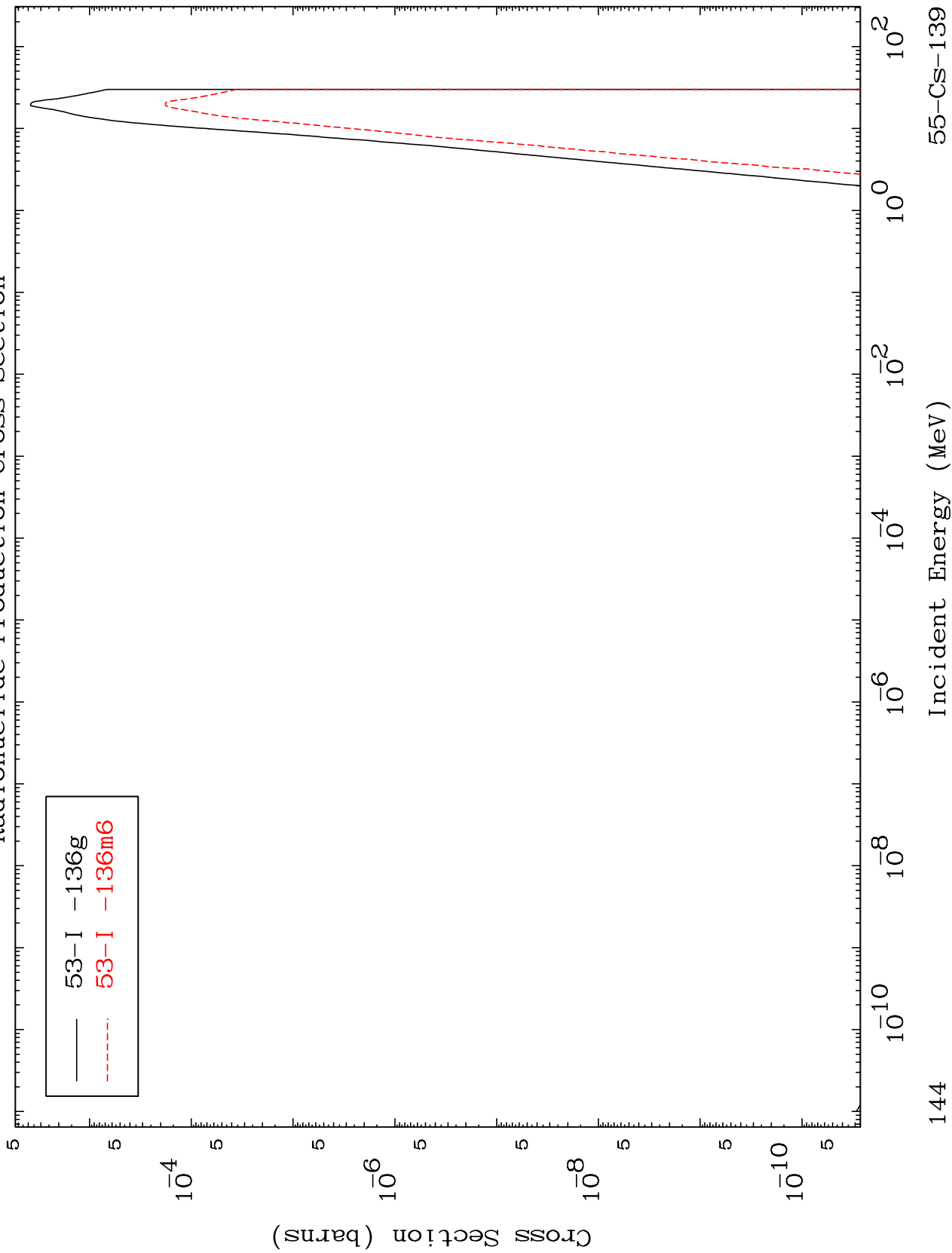
Incident Energy (MeV)

55-Cs-139

MAT 5543

55-Cs-139

(n, α)
Radionuclide Production Cross Section

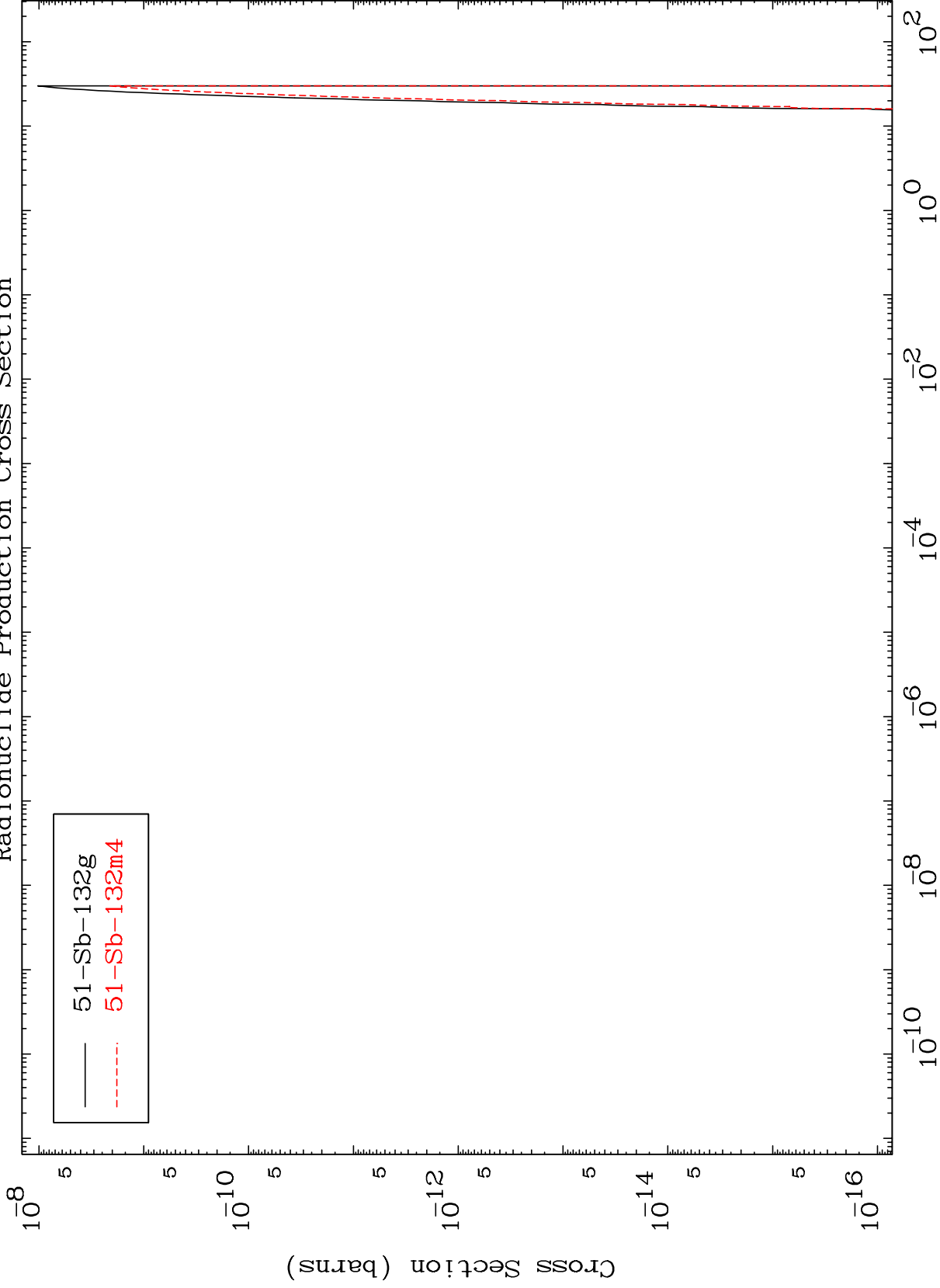


MAT 5543

(n,2α)

55-Cs-139

Radionuclide Production Cross Section



145

Incident Energy (MeV)

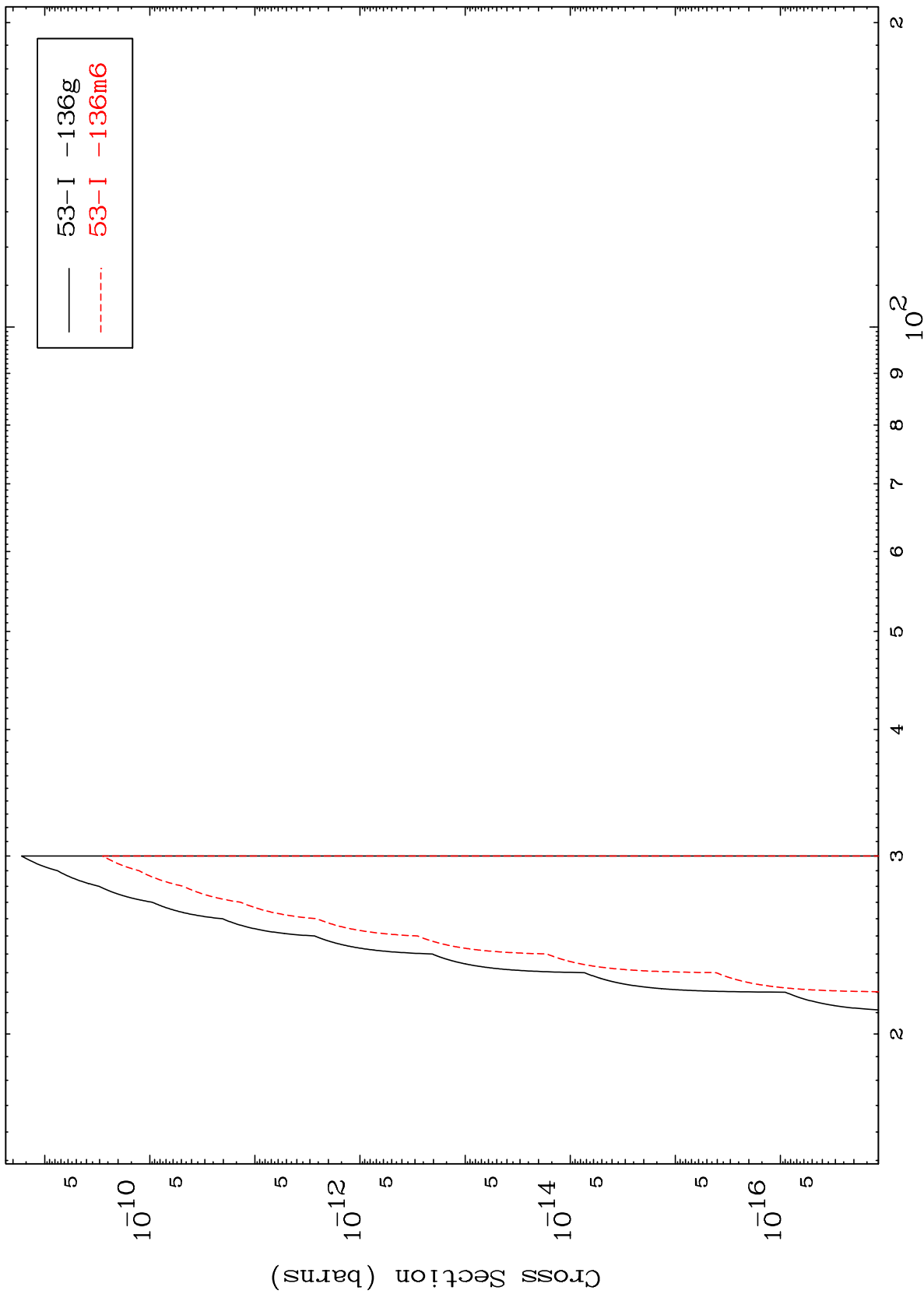
55-Cs-139

MAT 5543

(n,p) t

55-Cs-139

Radionuclide Production Cross Section



146

Incident Energy (MeV)

55-Cs-139