

Program EVALPLOT  
(Version 2018-1)

by

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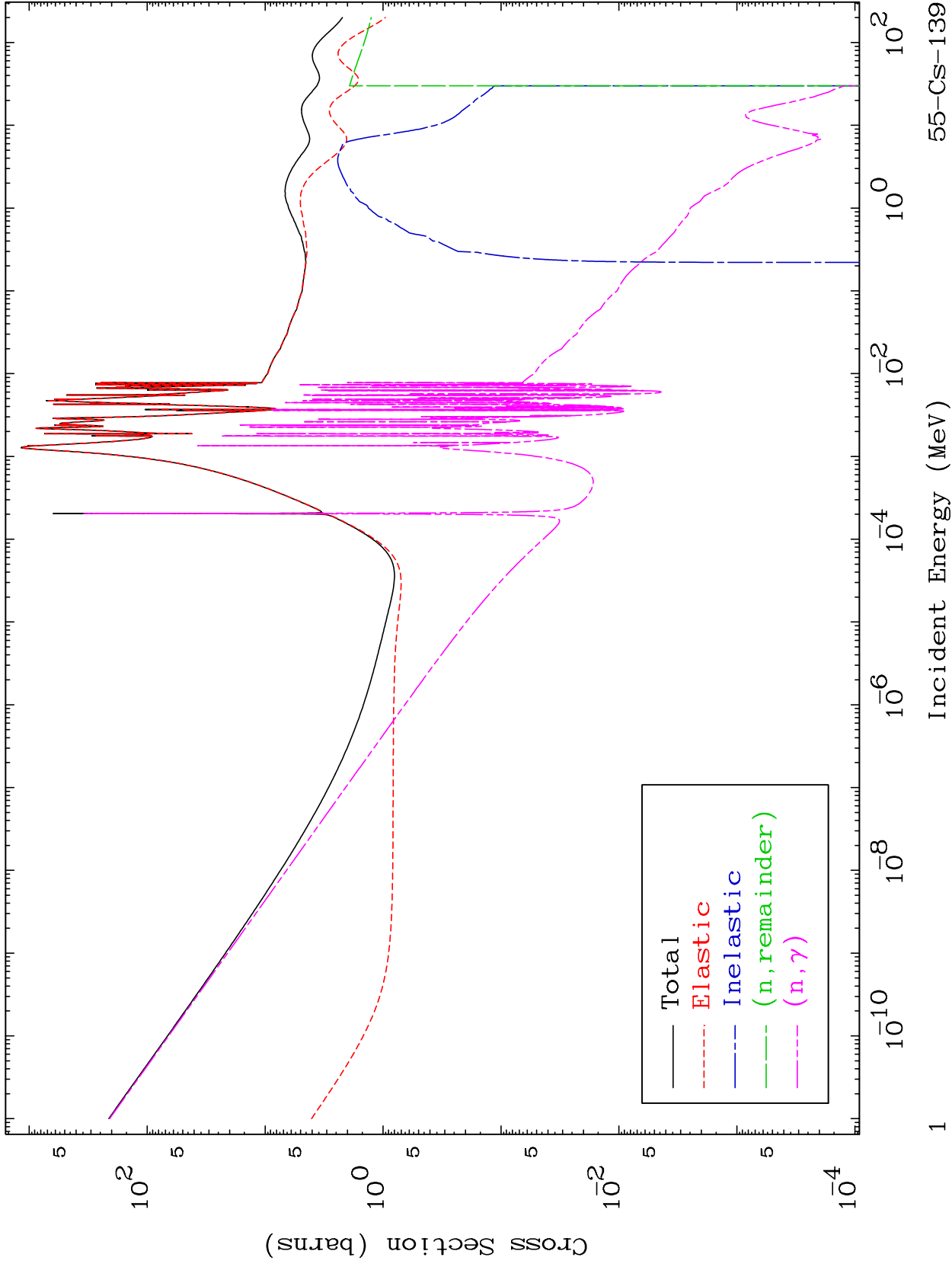
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5543

Major  
293 Kelvin Cross Sections

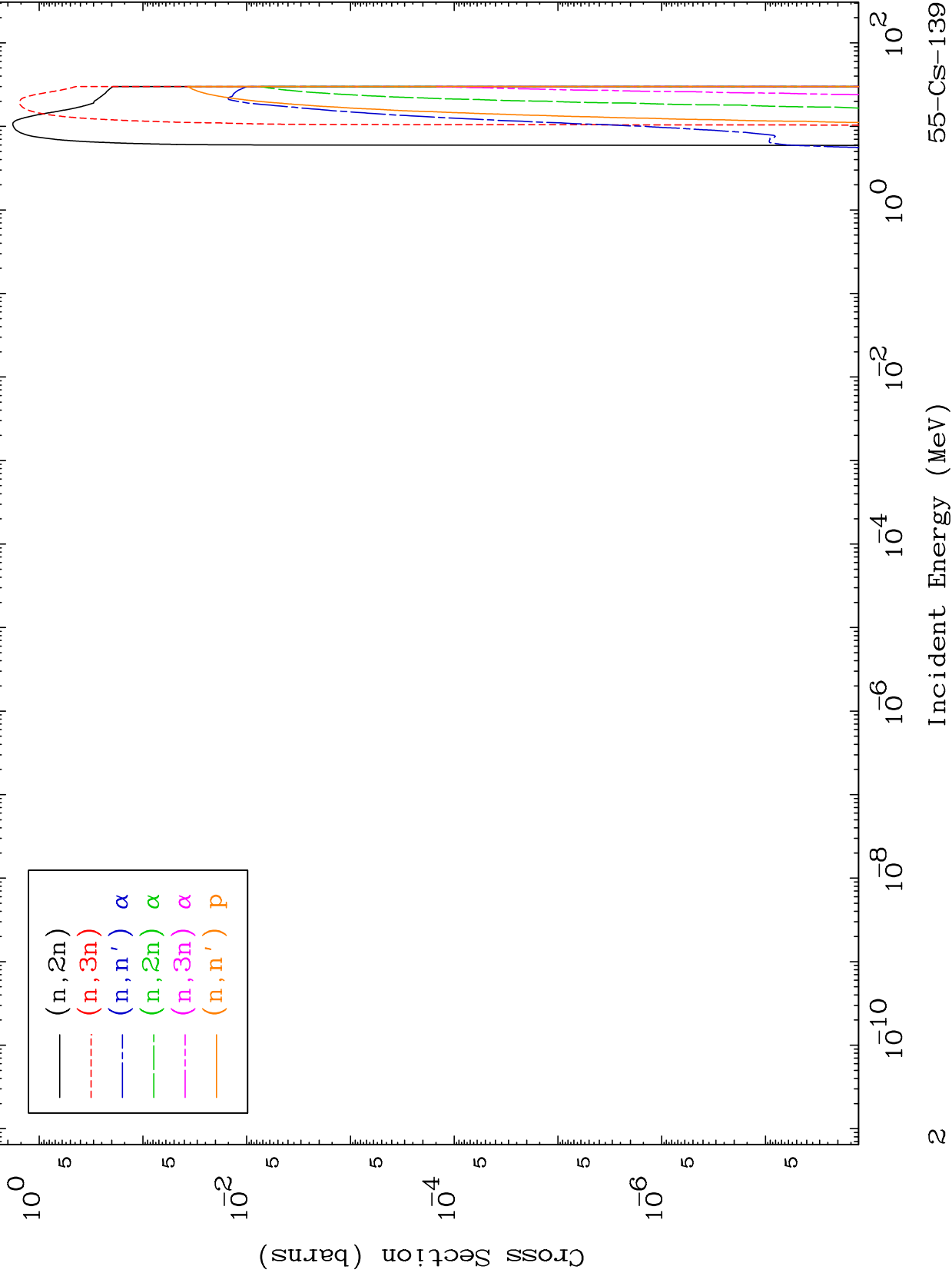
55-Cs-139

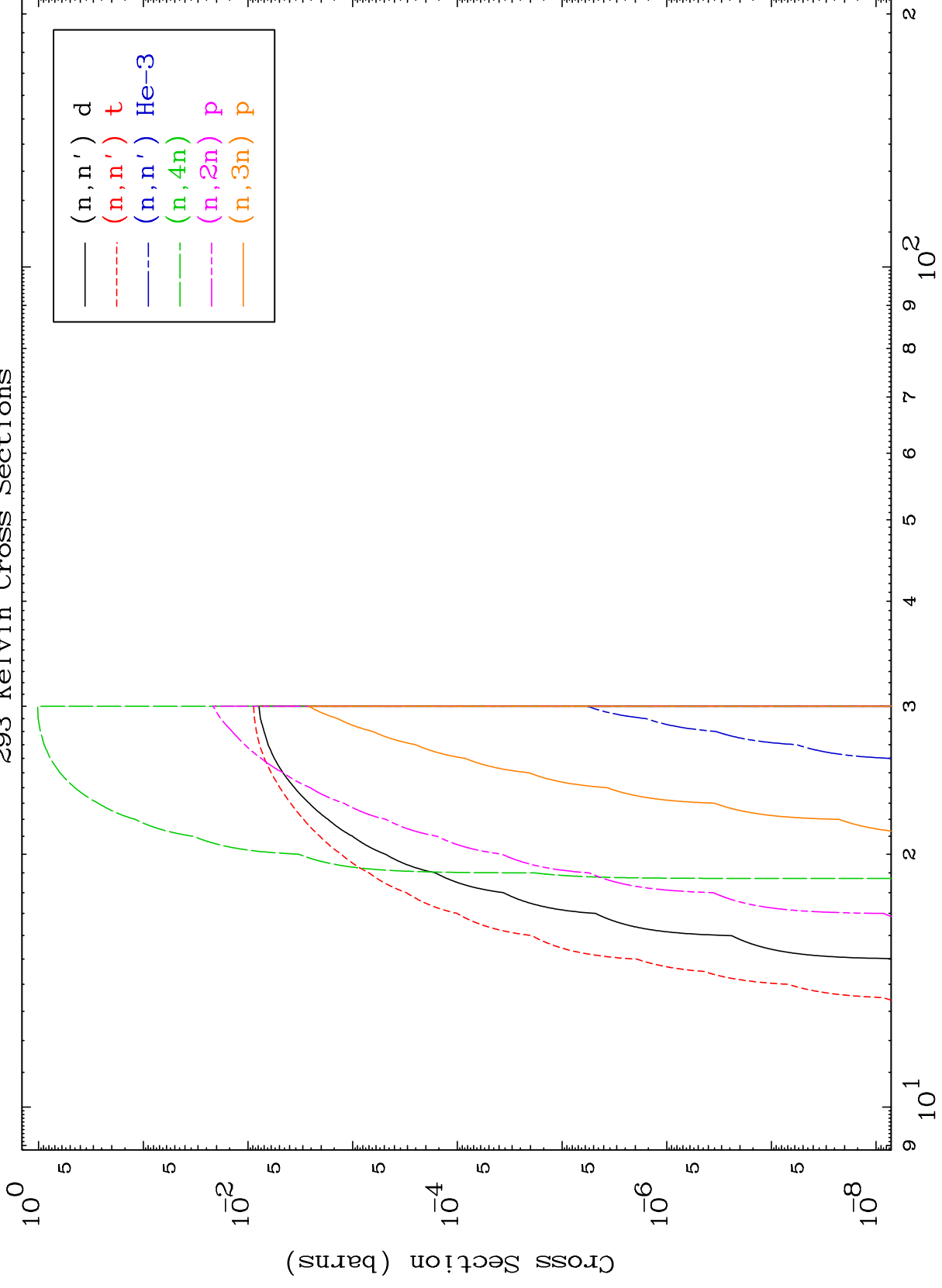


MAT 5543

Neutron Production  
293 Kelvin Cross Sections

55-Cs-139

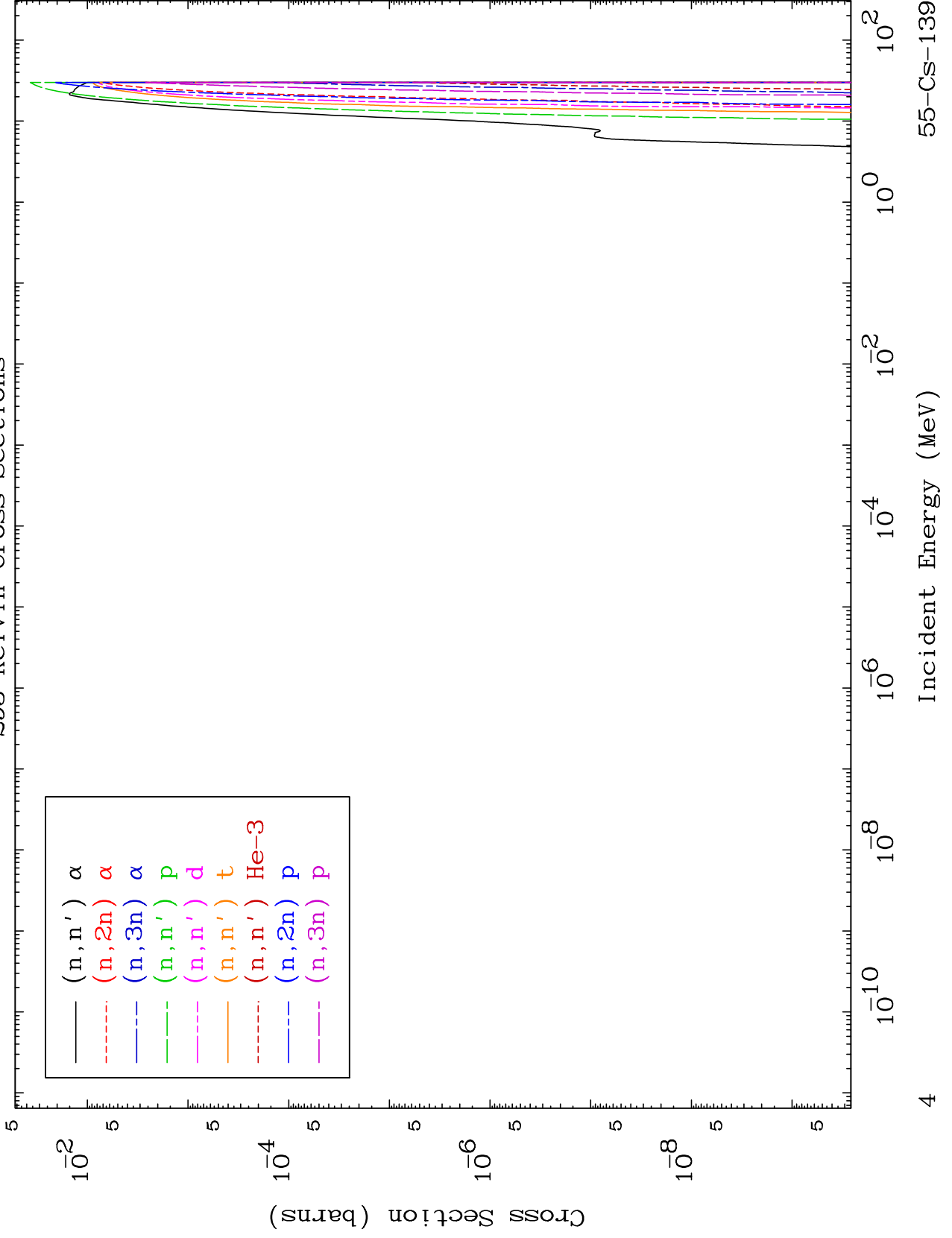




MAT 5543

Charged Particle  
293 Kelvin Cross Sections

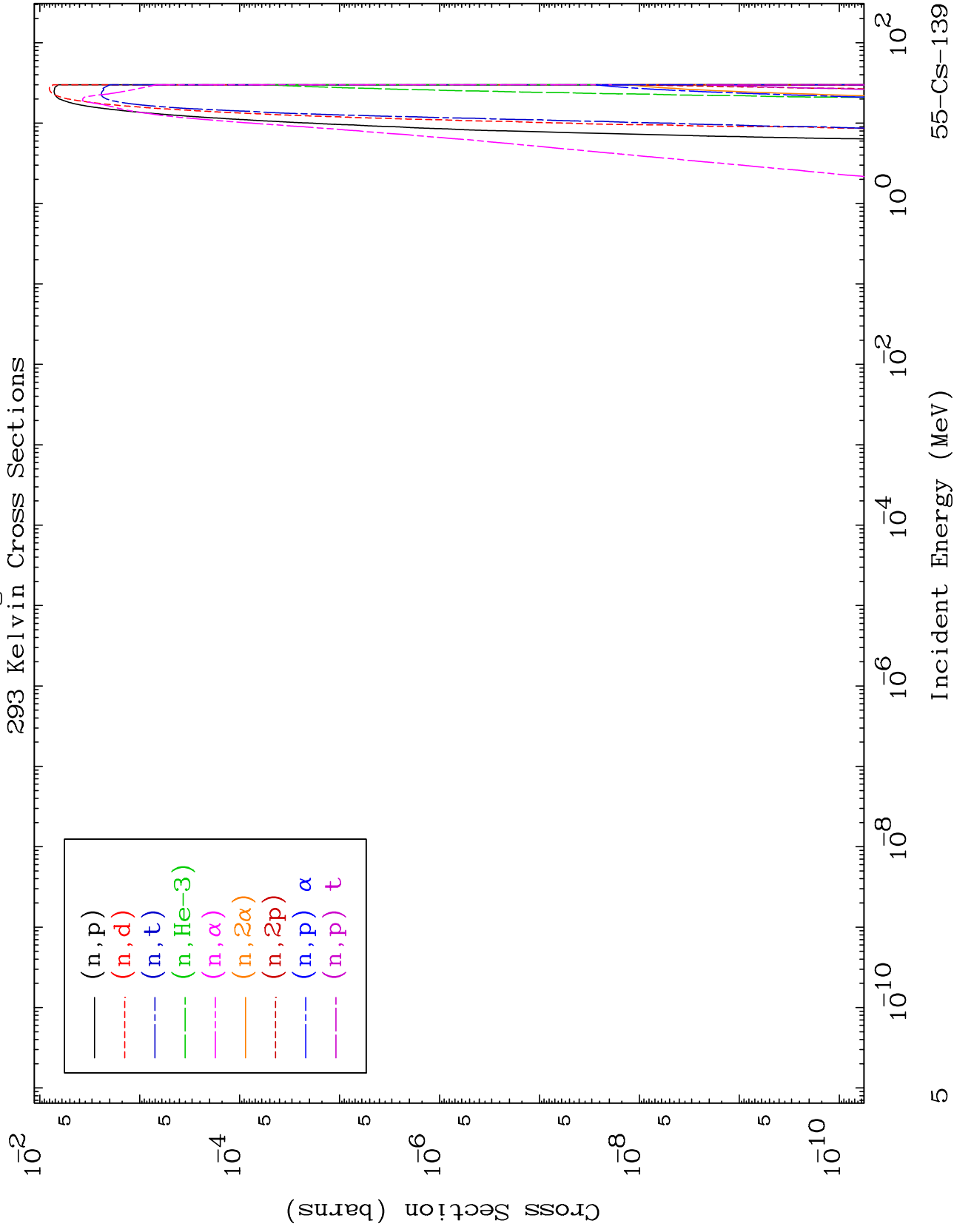
55-Cs-139



MAT 5543

Charged Particle  
293 Kelvin Cross Sections

55-Cs-139



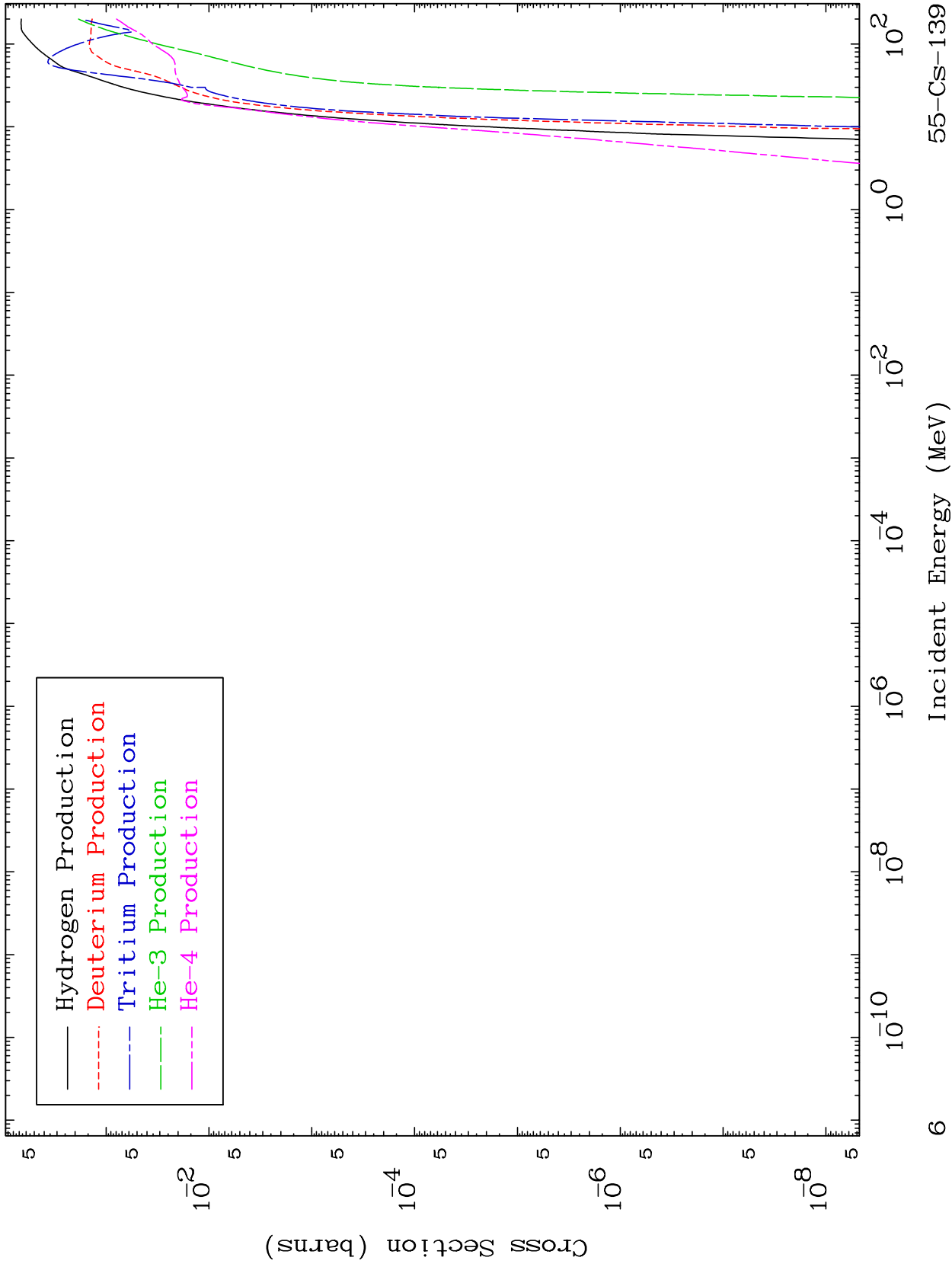
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55-Cs-139

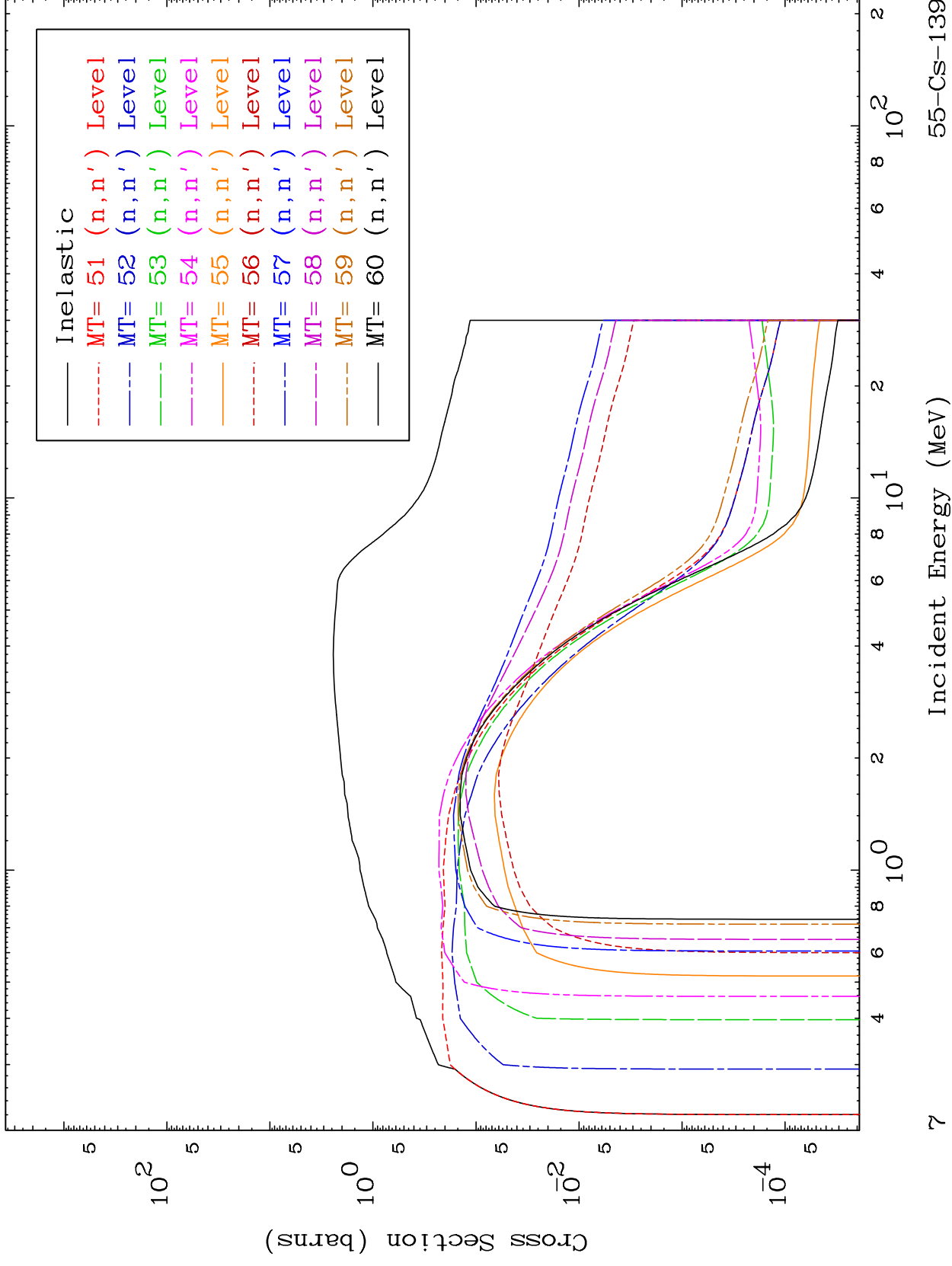
MAT 5543

Particle Production  
293 Kelvin Cross Sections

55-Cs-139



293 Kelvin Cross Sections



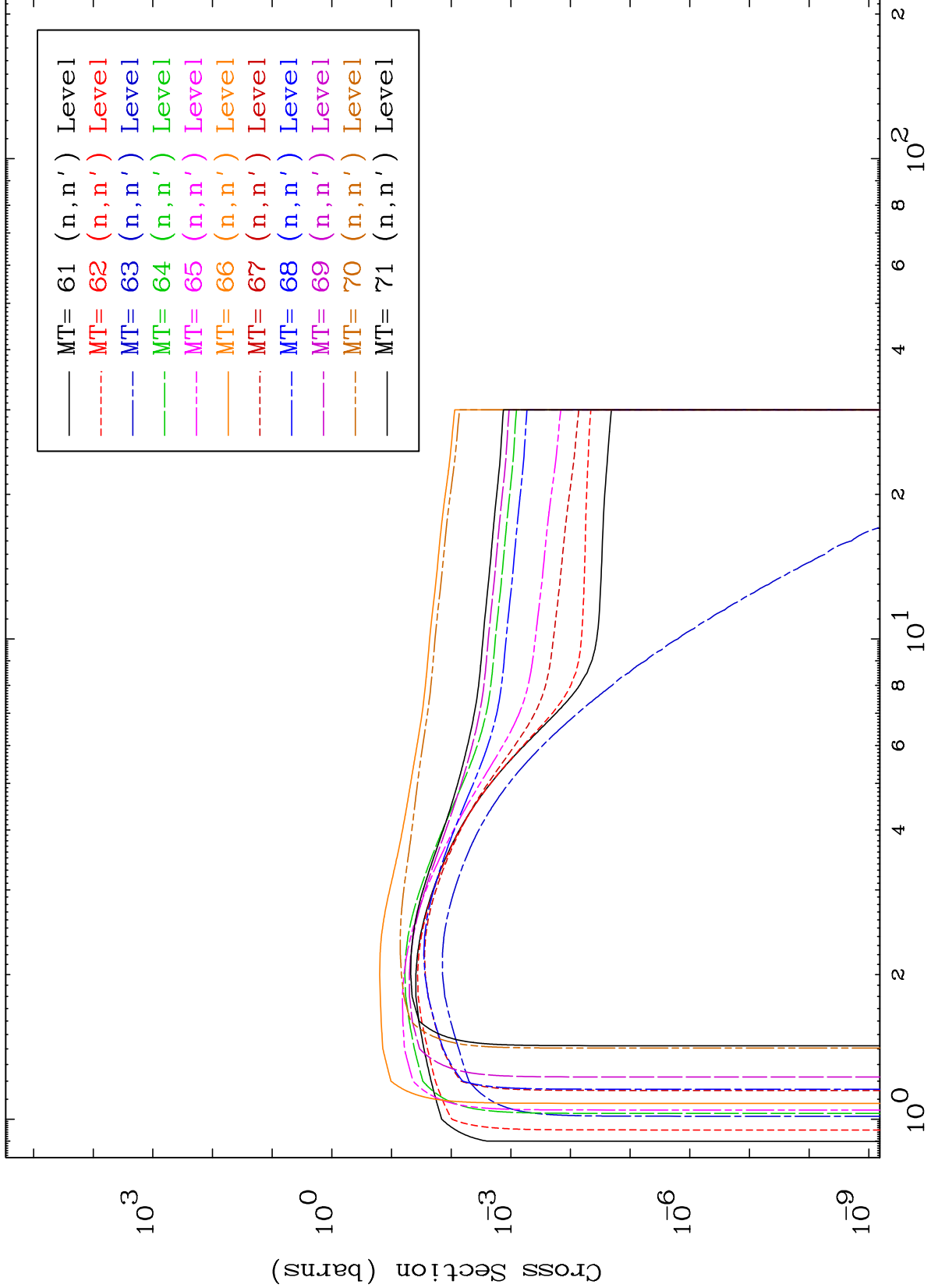


MAT 5543

(n,n') Level

55-Cs-139

293 Kelvin Cross Sections



Incident Energy (MeV)

55-Cs-139

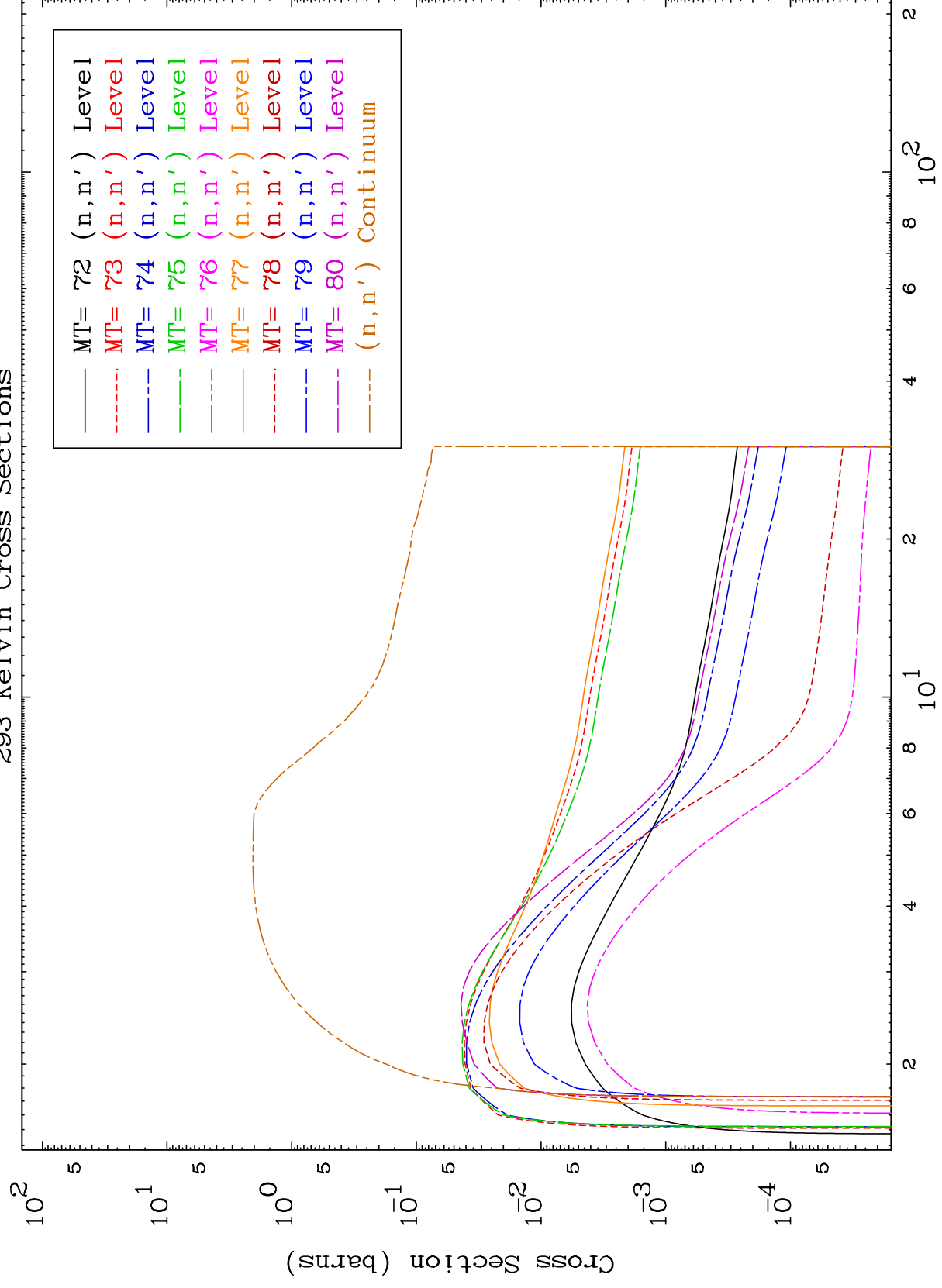
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MAT 5543

(n,n') Level

55-Cs-139

293 Kelvin Cross Sections



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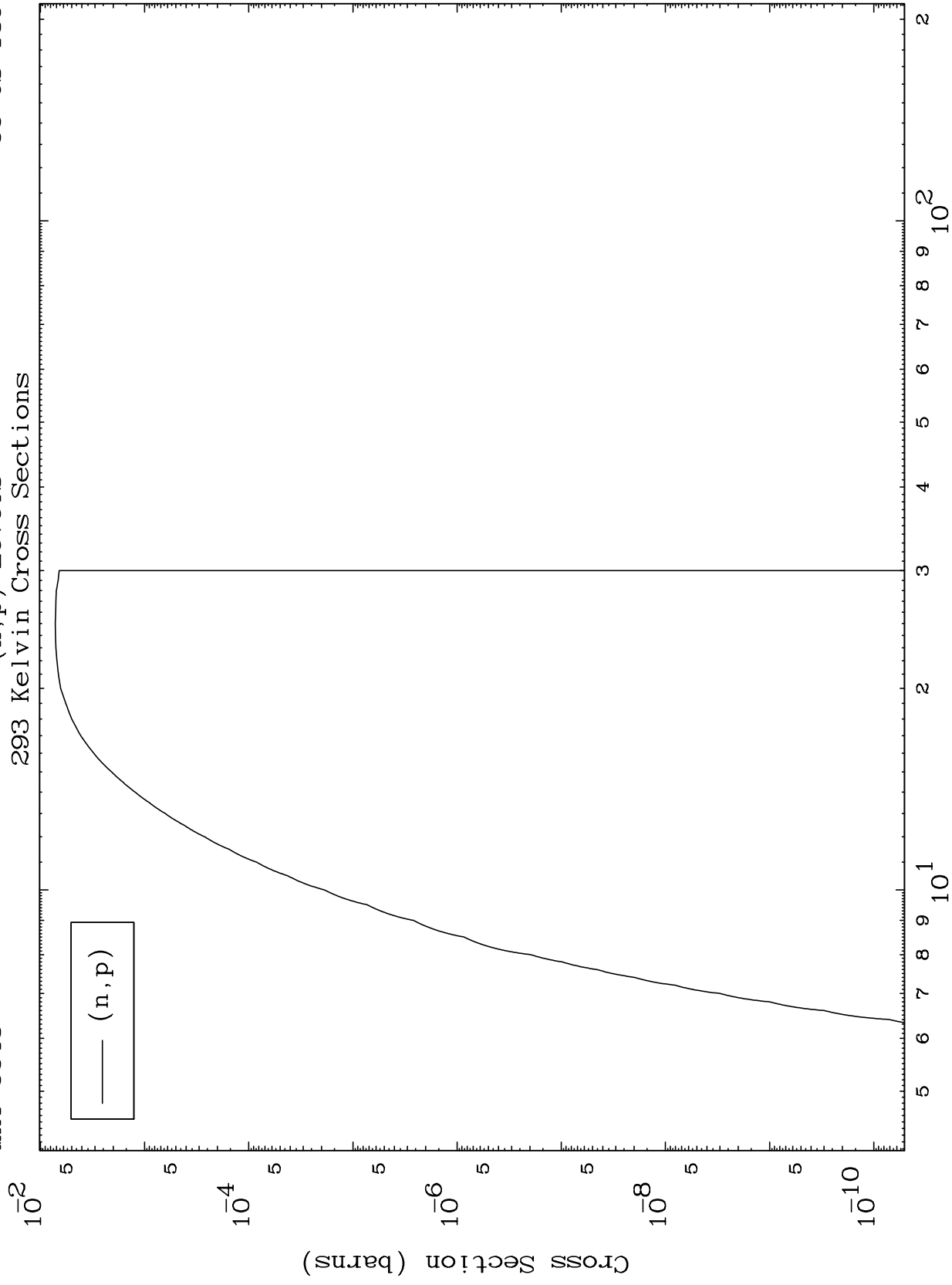
Incident Energy (MeV)

55-Cs-139

MAT 5543

(n,p) Levels  
293 Kelvin Cross Sections

55-Cs-139



10

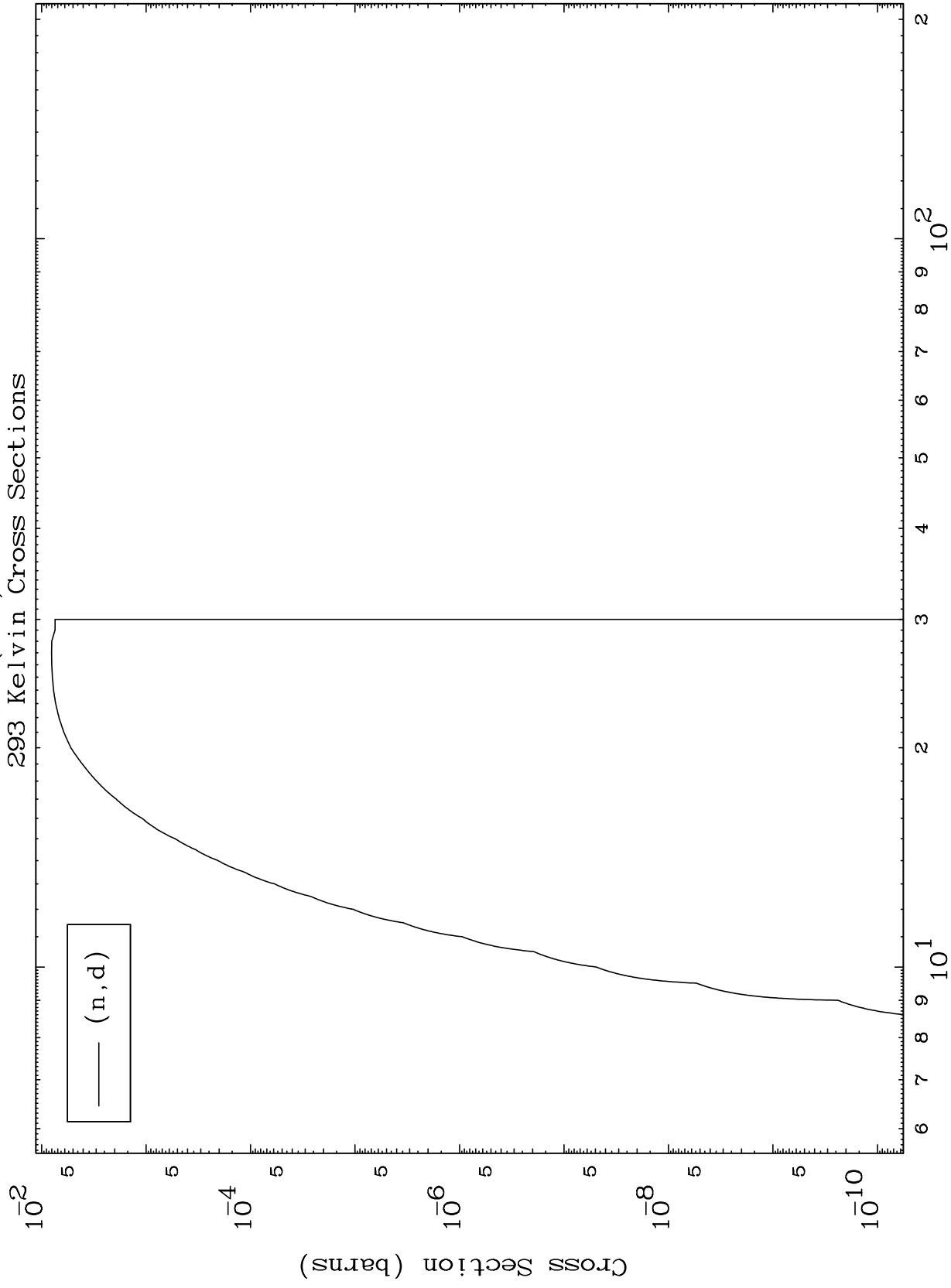
Incident Energy (MeV)

55-Cs-139

MAT 5543

(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-139



11

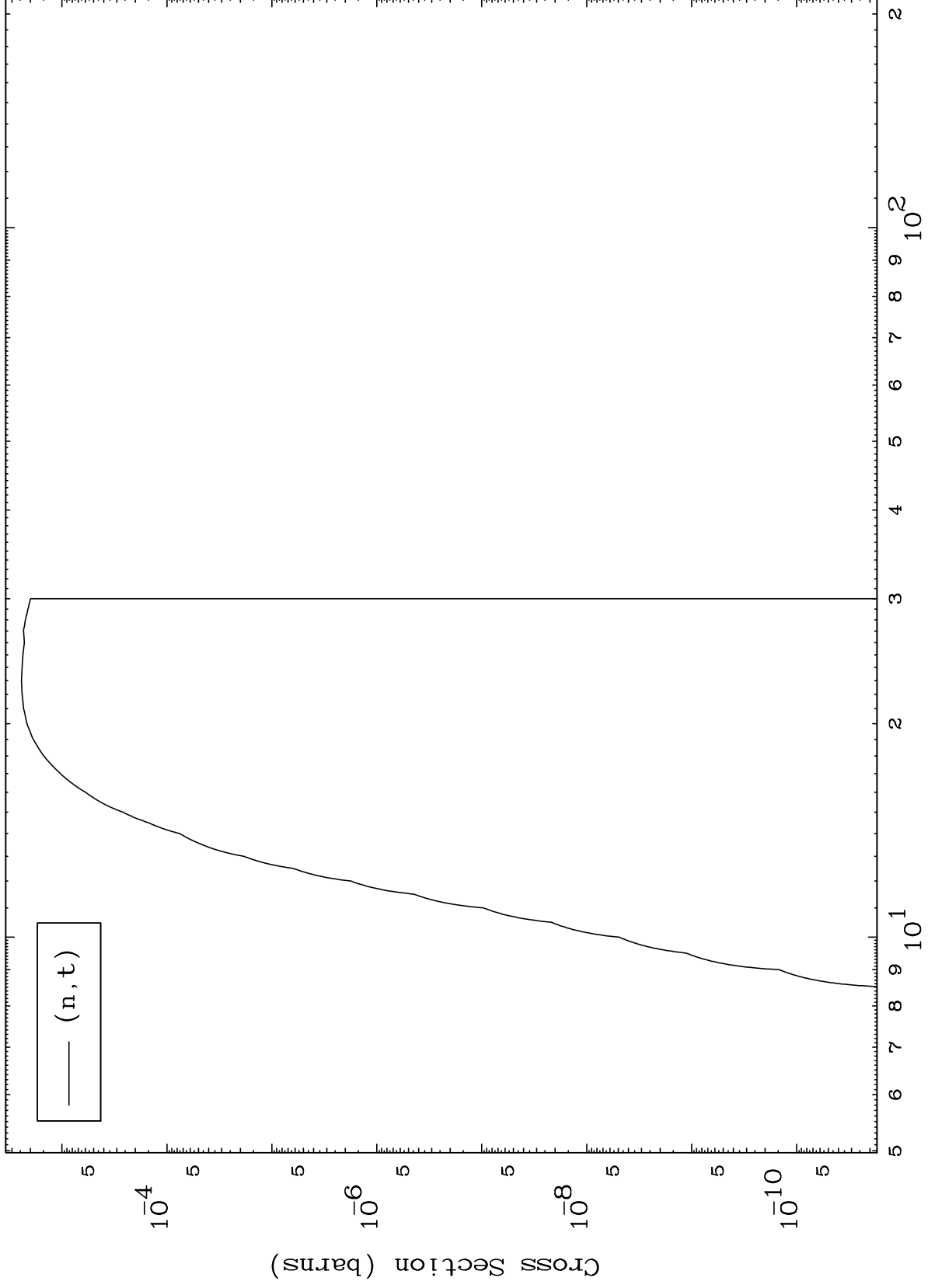
Incident Energy (MeV)

55-Cs-139

MAT 5543

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-139



12

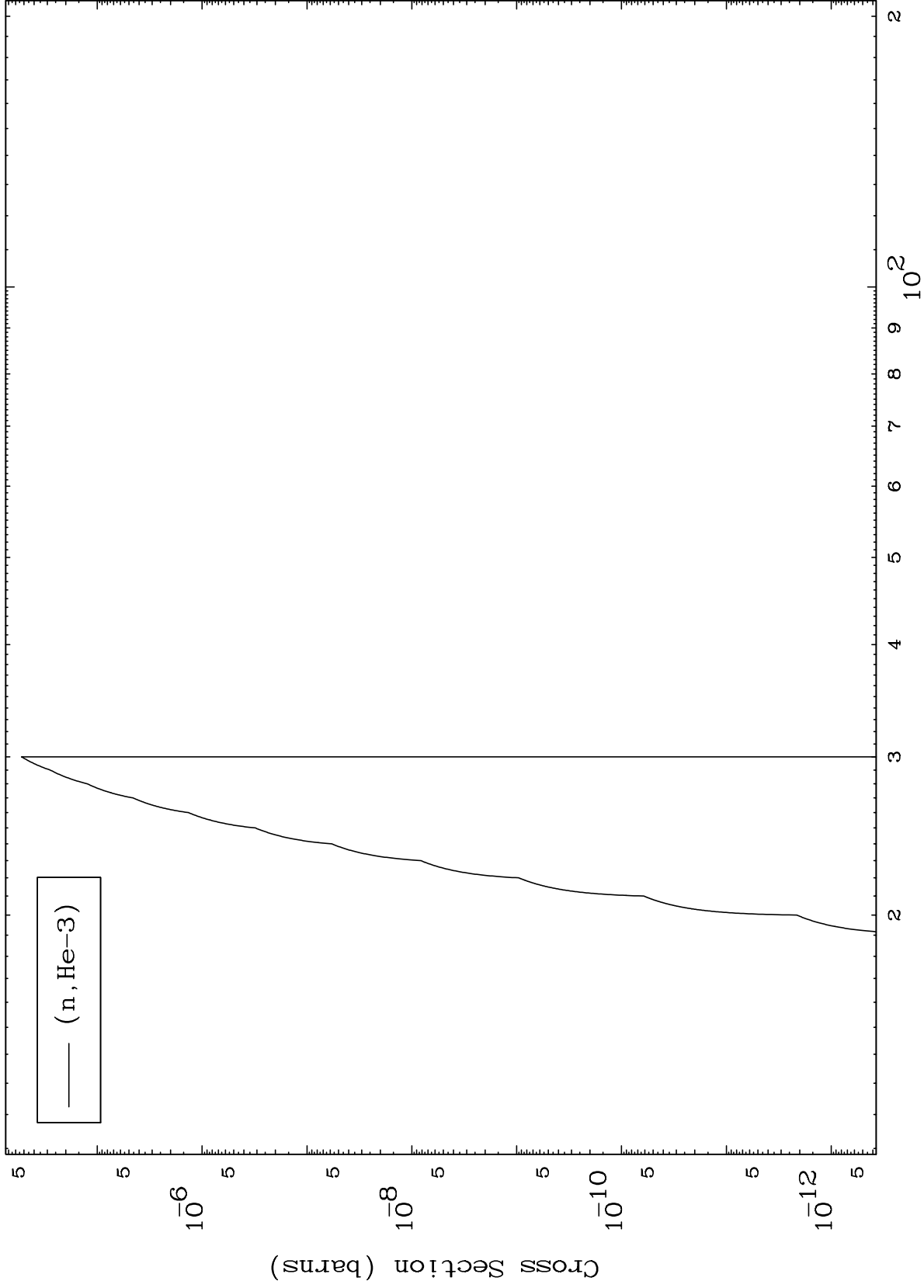
Incident Energy (MeV)

55-Cs-139

MAT 5543

(n,He3) Levels  
293 Kelvin Cross Sections

55-Cs-139



13

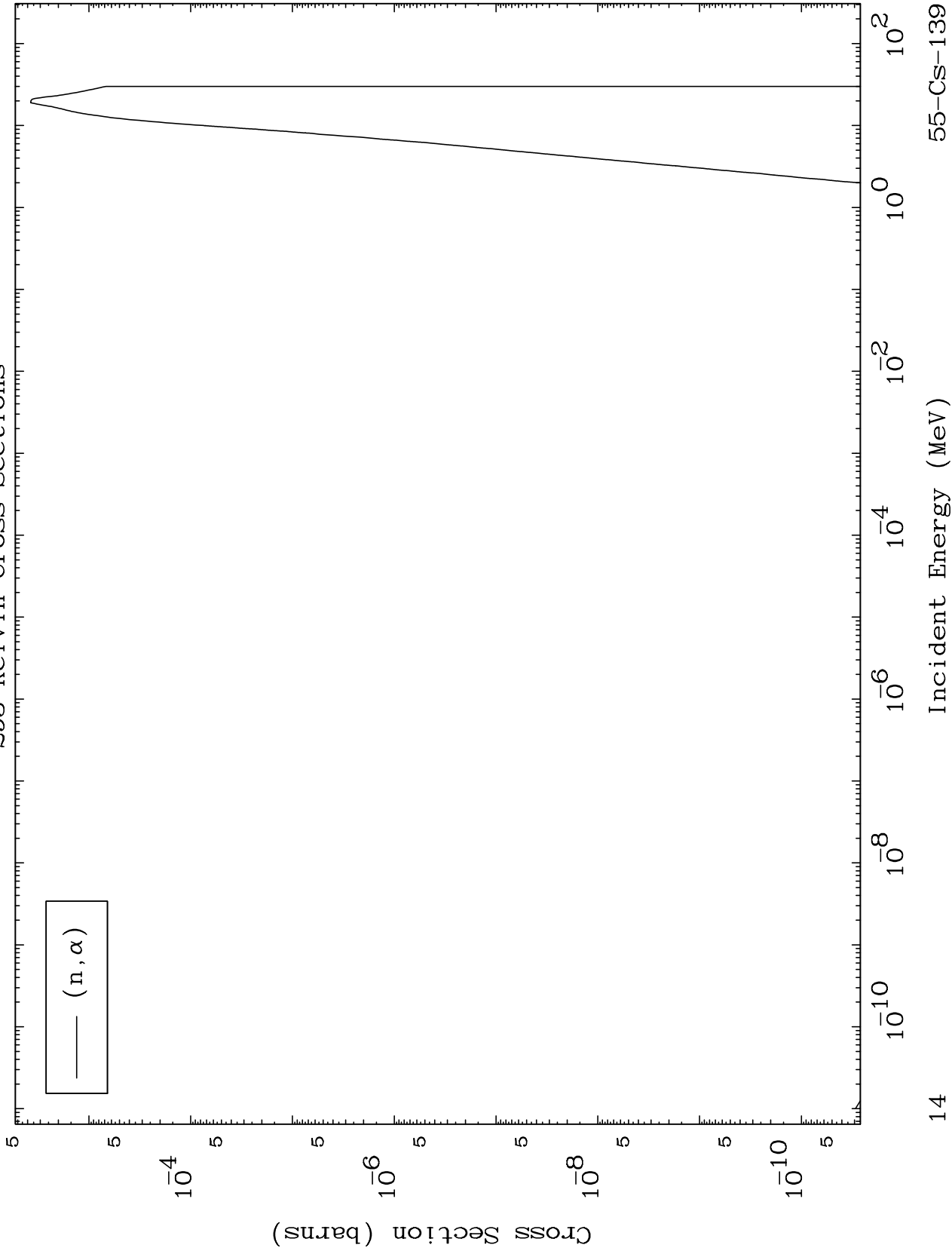
Incident Energy (MeV)

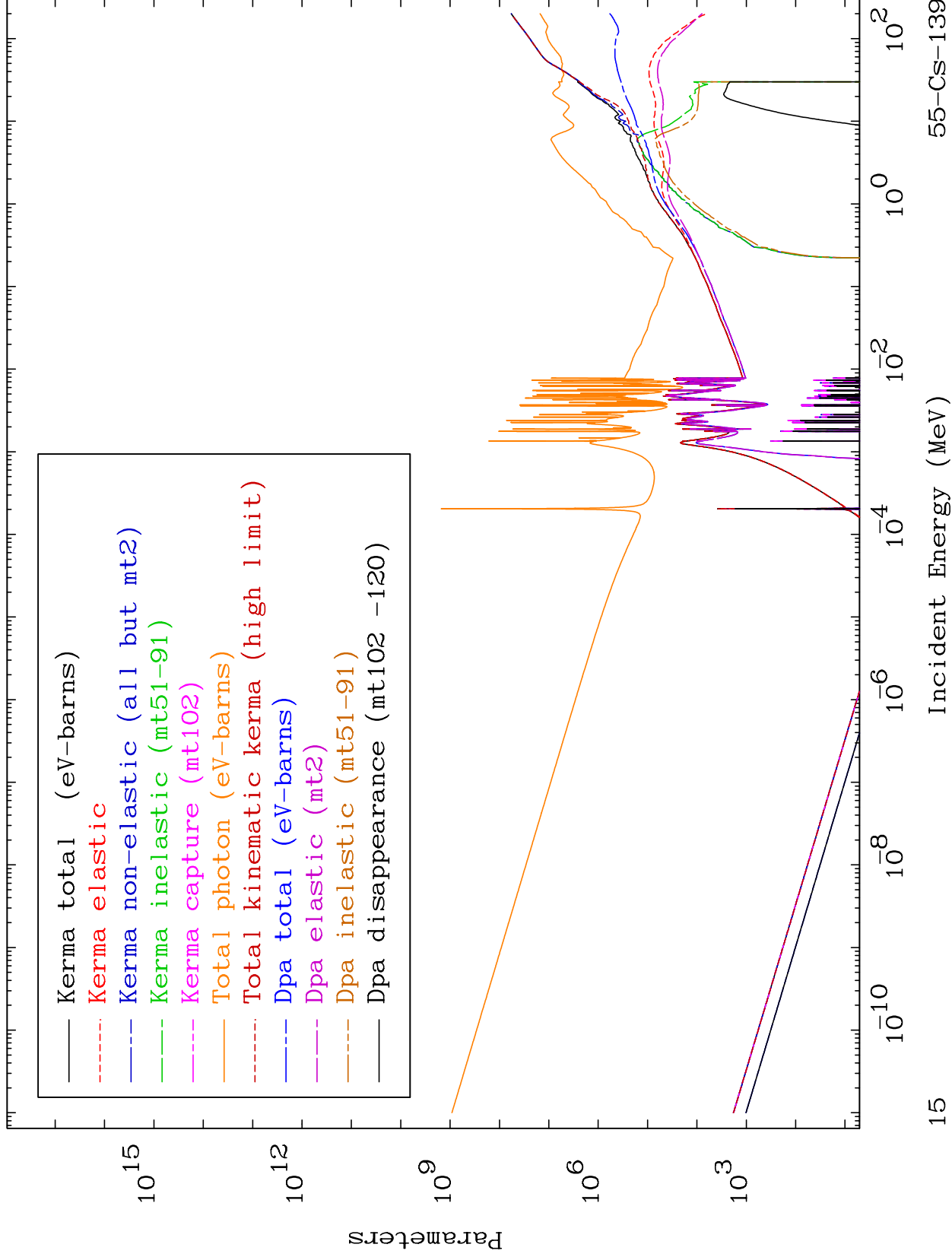
55-Cs-139

MAT 5543

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

55-Cs-139



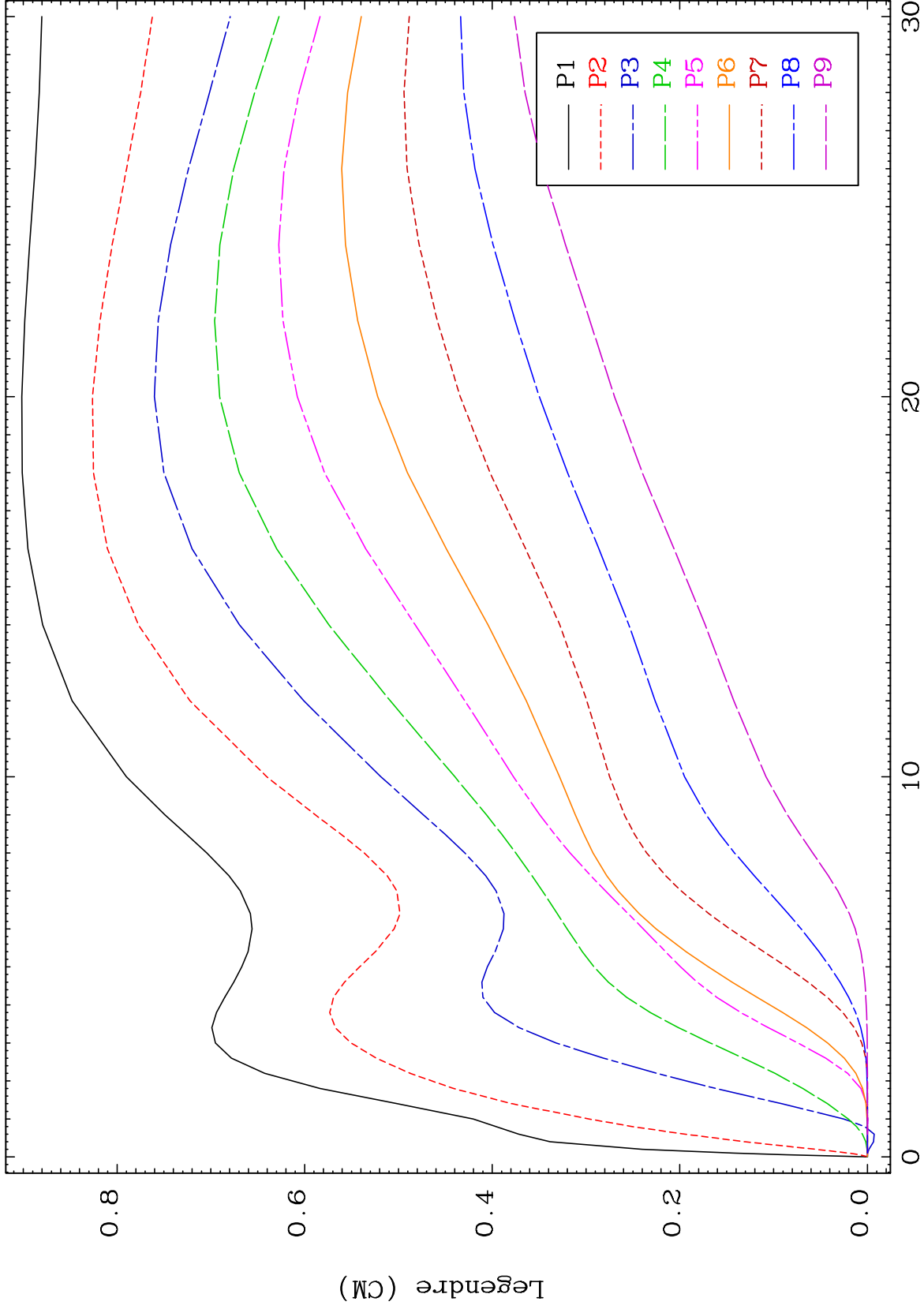




MAT 5543

Elastic Legendre Coefficients

55-Cs-139



16

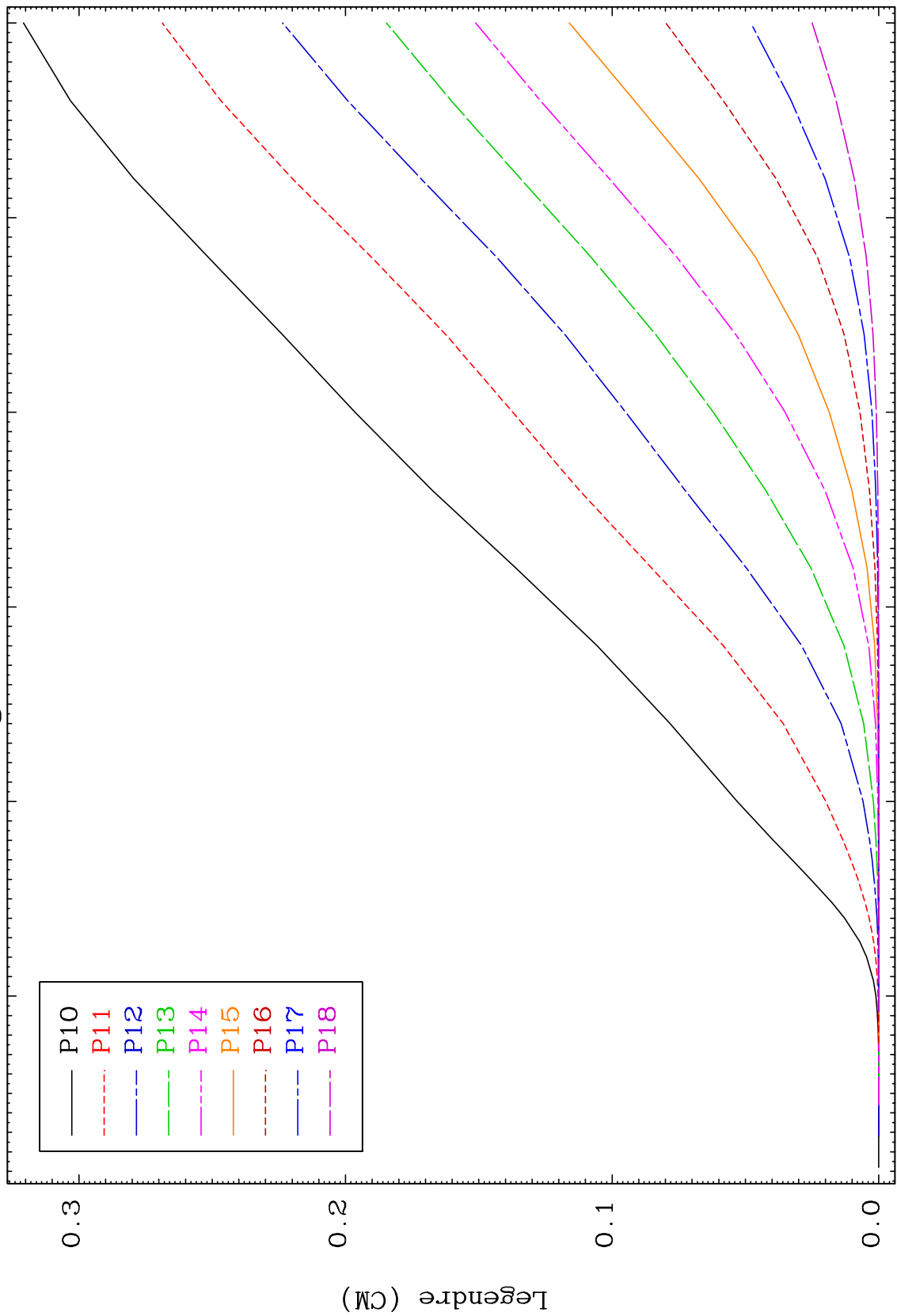
Incident Energy (MeV)

55-Cs-139

MAT 5543

### Elastic Legendre Coefficients

55-Cs-139



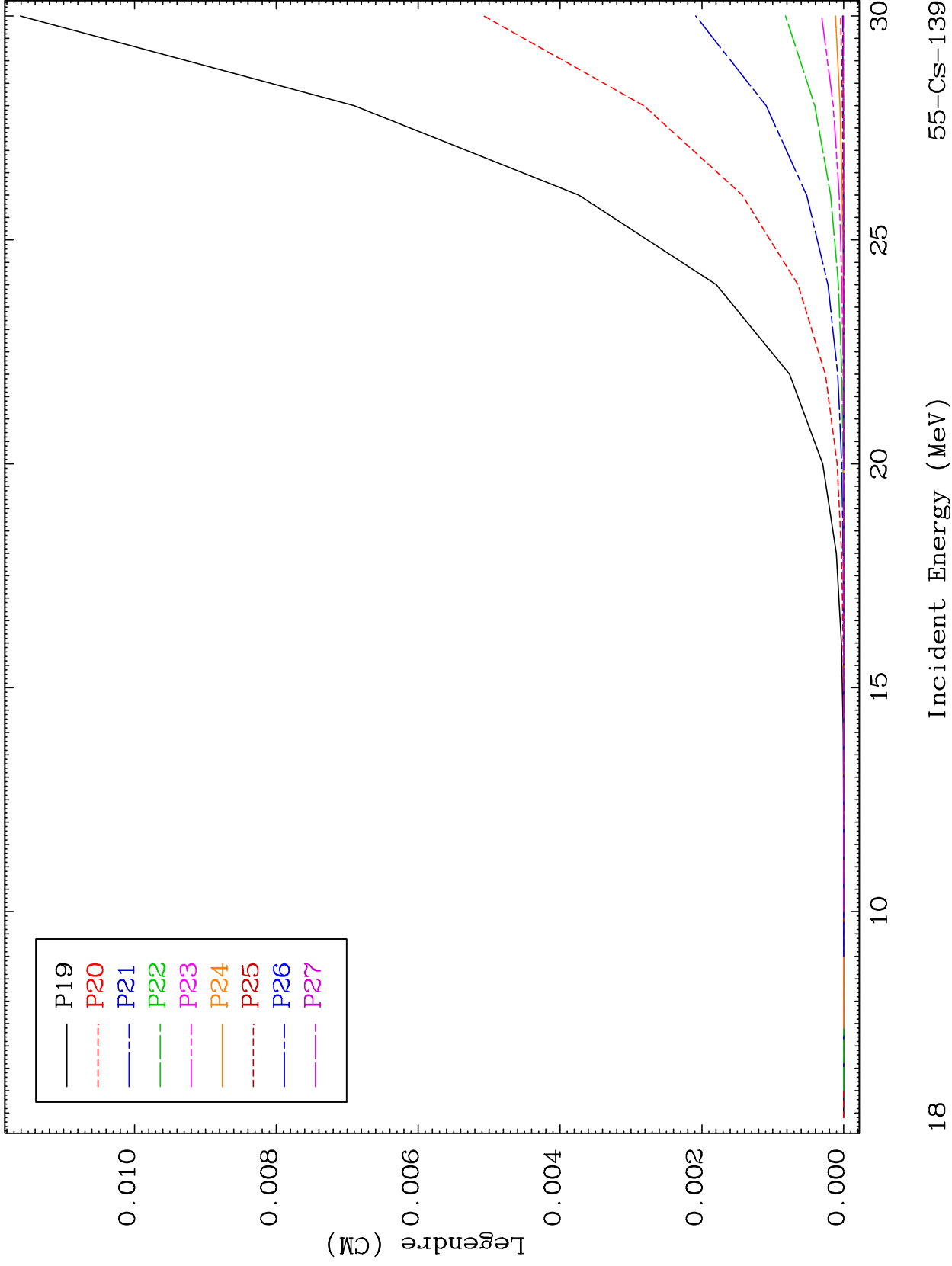
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55-Cs-139

MAT 5543

### Elastic Legendre Coefficients

55-Cs-139



18

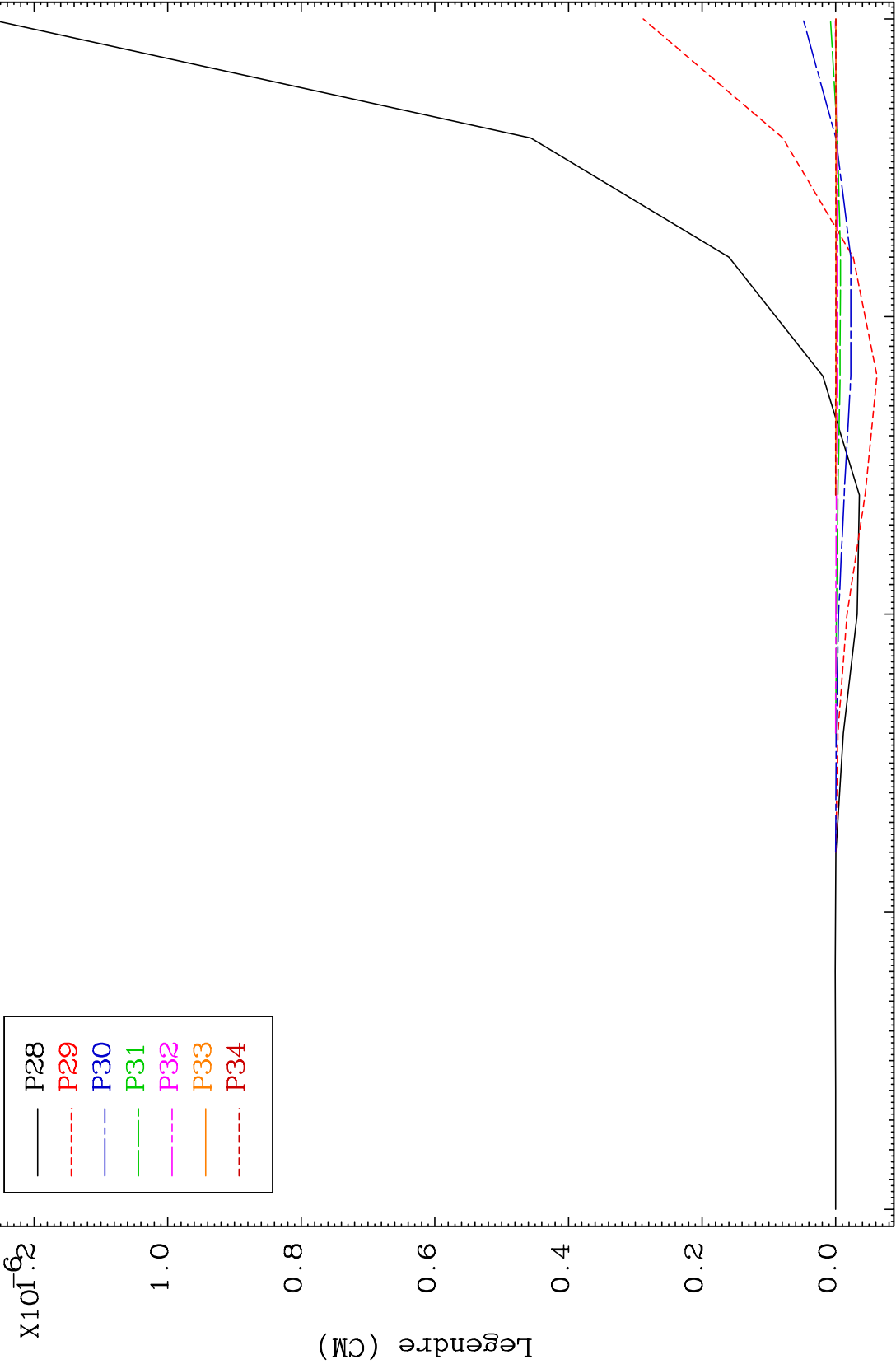
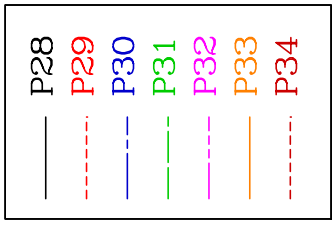
Incident Energy (MeV)

55-Cs-139

MAT 5543

Elastic Legendre Coefficients

55-Cs-139



55-Cs-139

Incident Energy (MeV)

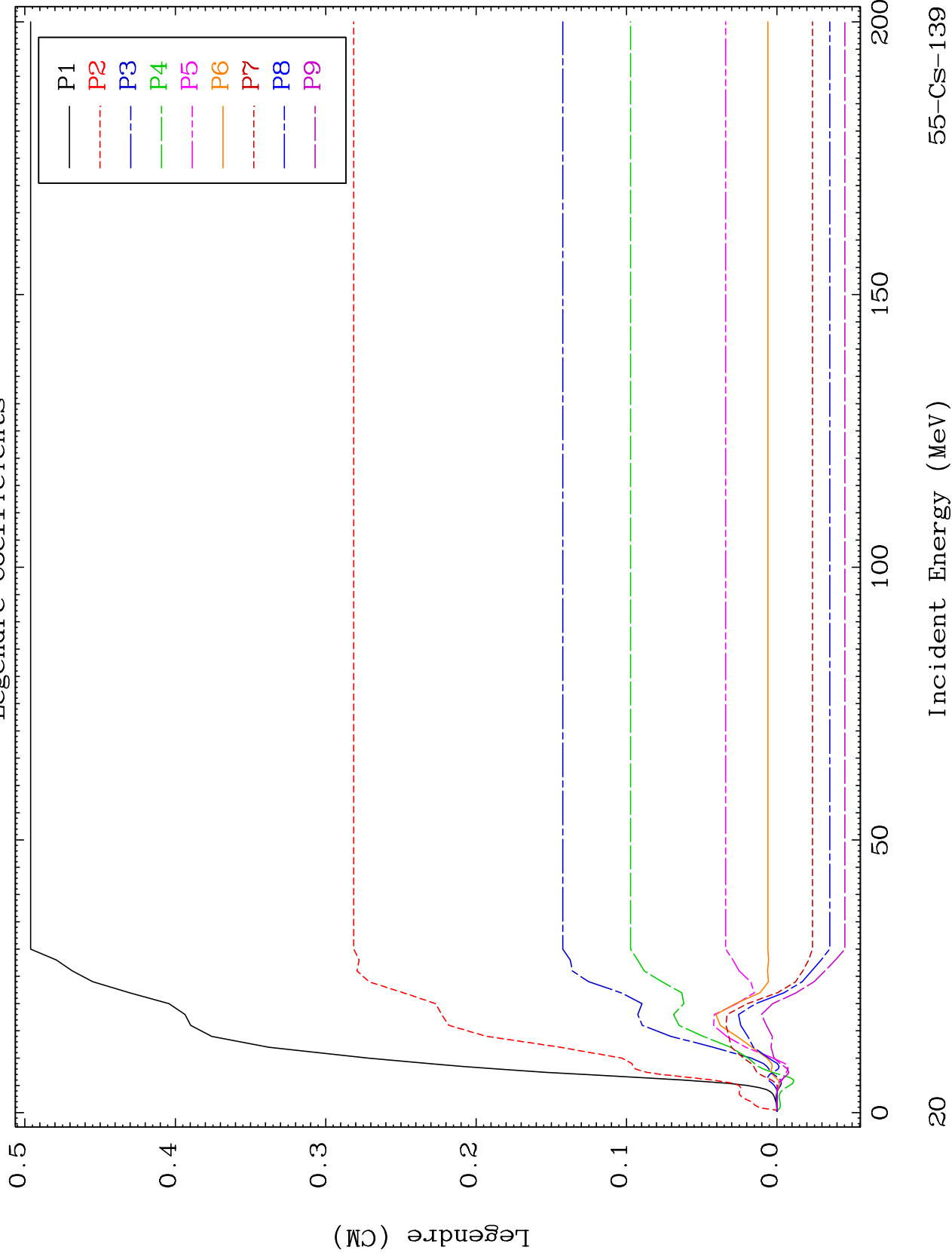
19

MAT 5543

MT= 51 (n,n') Level

55-Cs-139

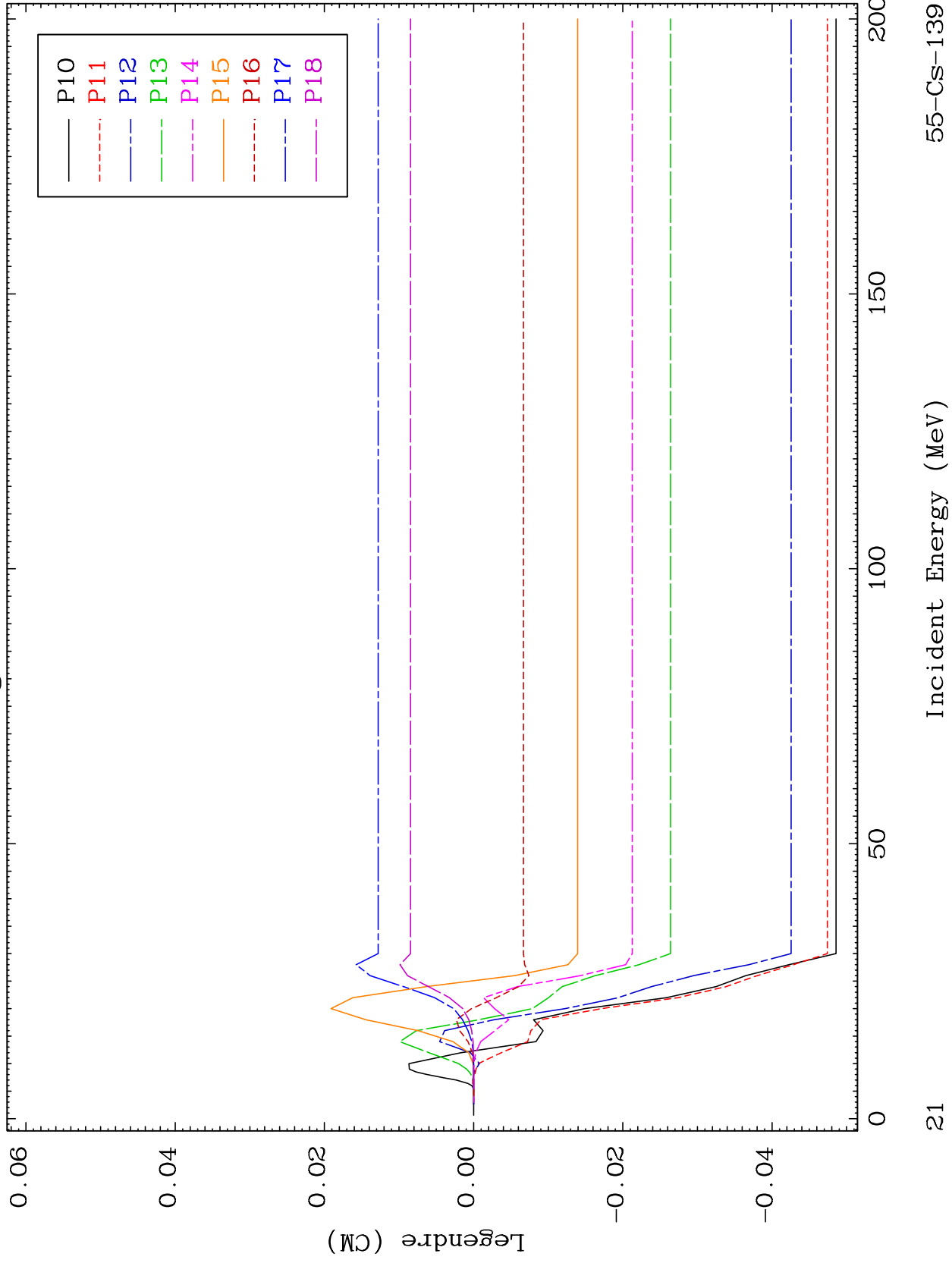
Legendre Coefficients



MAT 5543

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

55-Cs-139



55-Cs-139

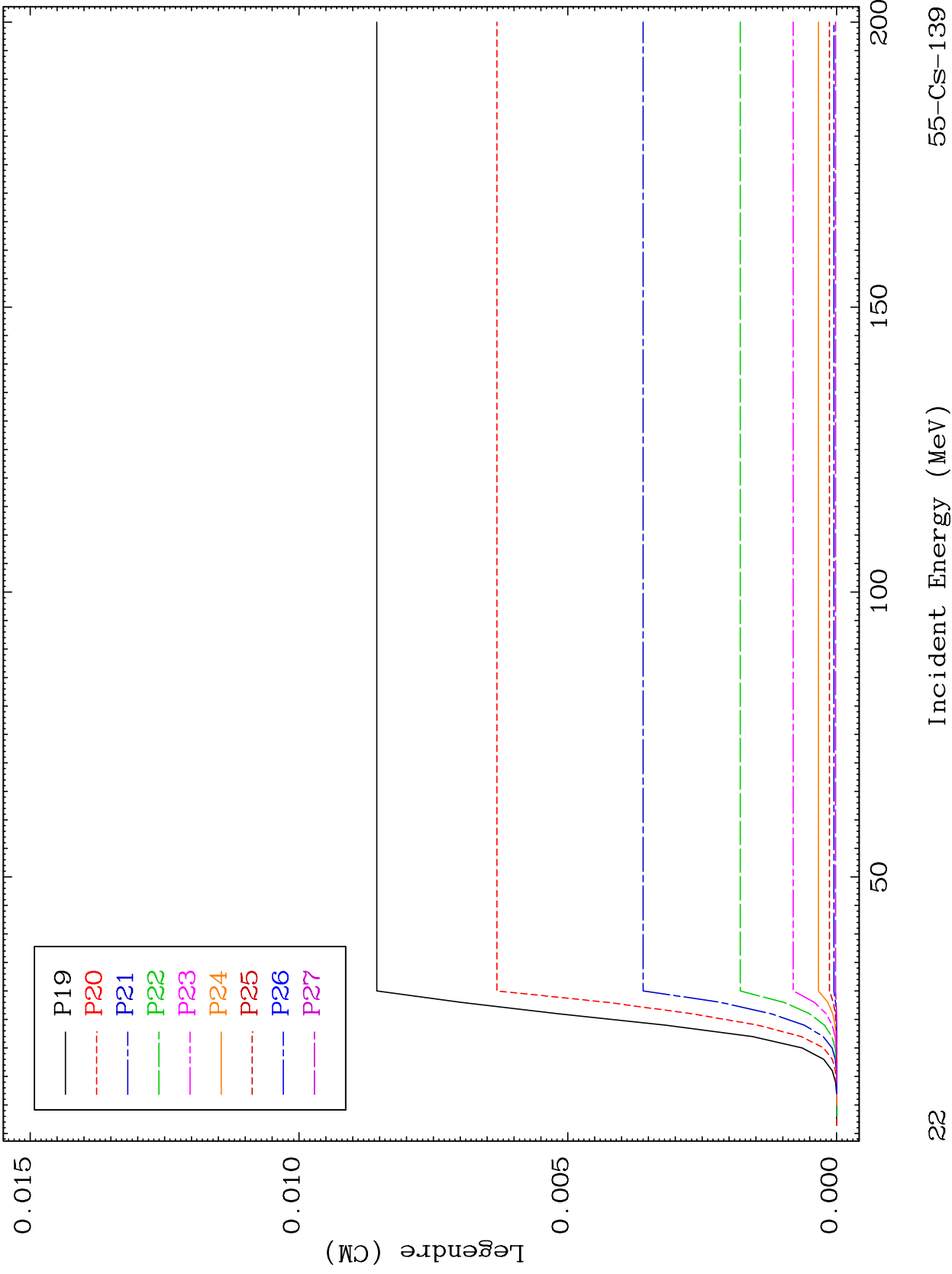
Incident Energy (MeV)

21

MAT 5543

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

55-Cs-139



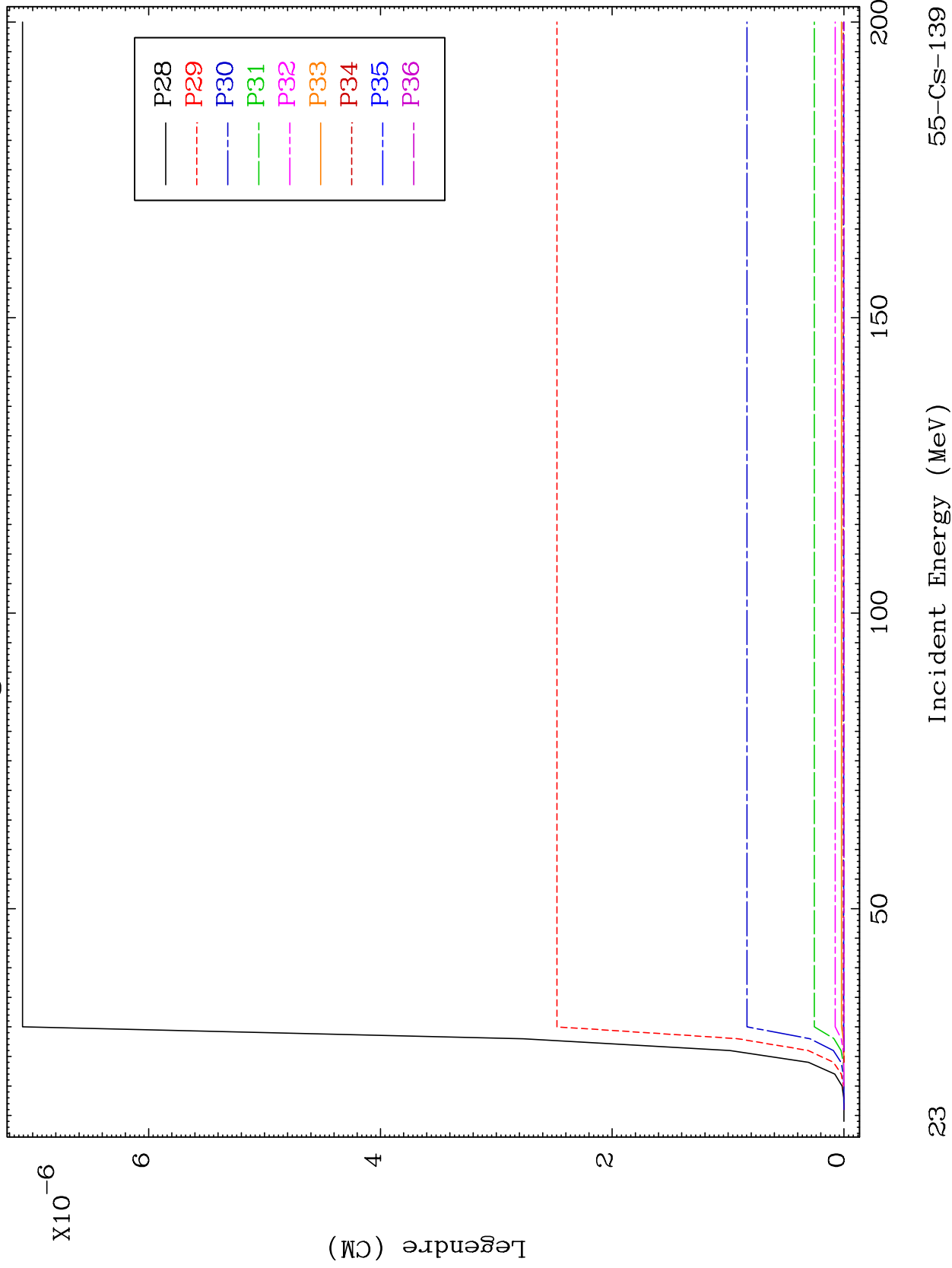
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55-Cs-139

MAT 5543

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

55-Cs-139



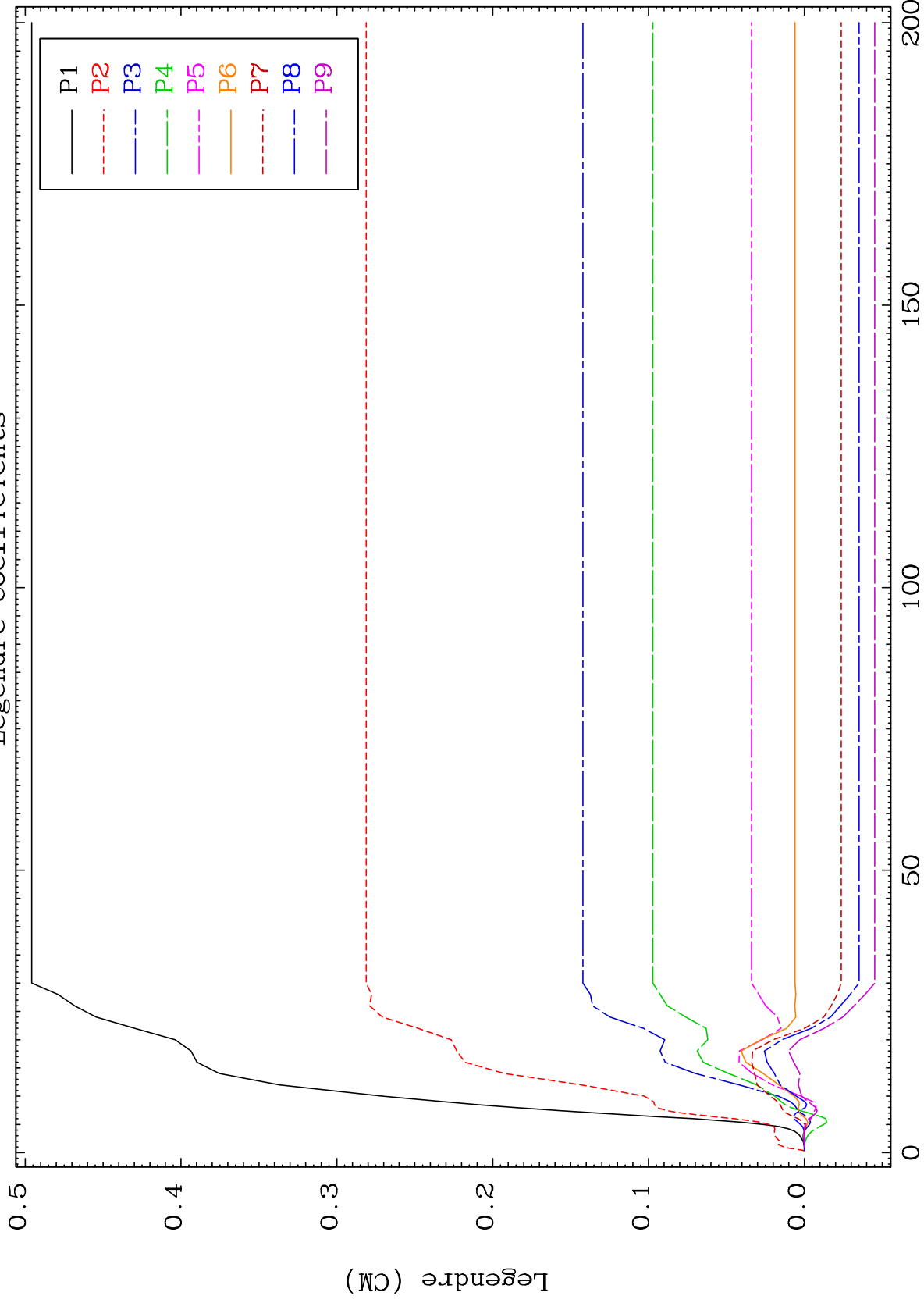
23



MAT 5543

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

55-Cs-139



24

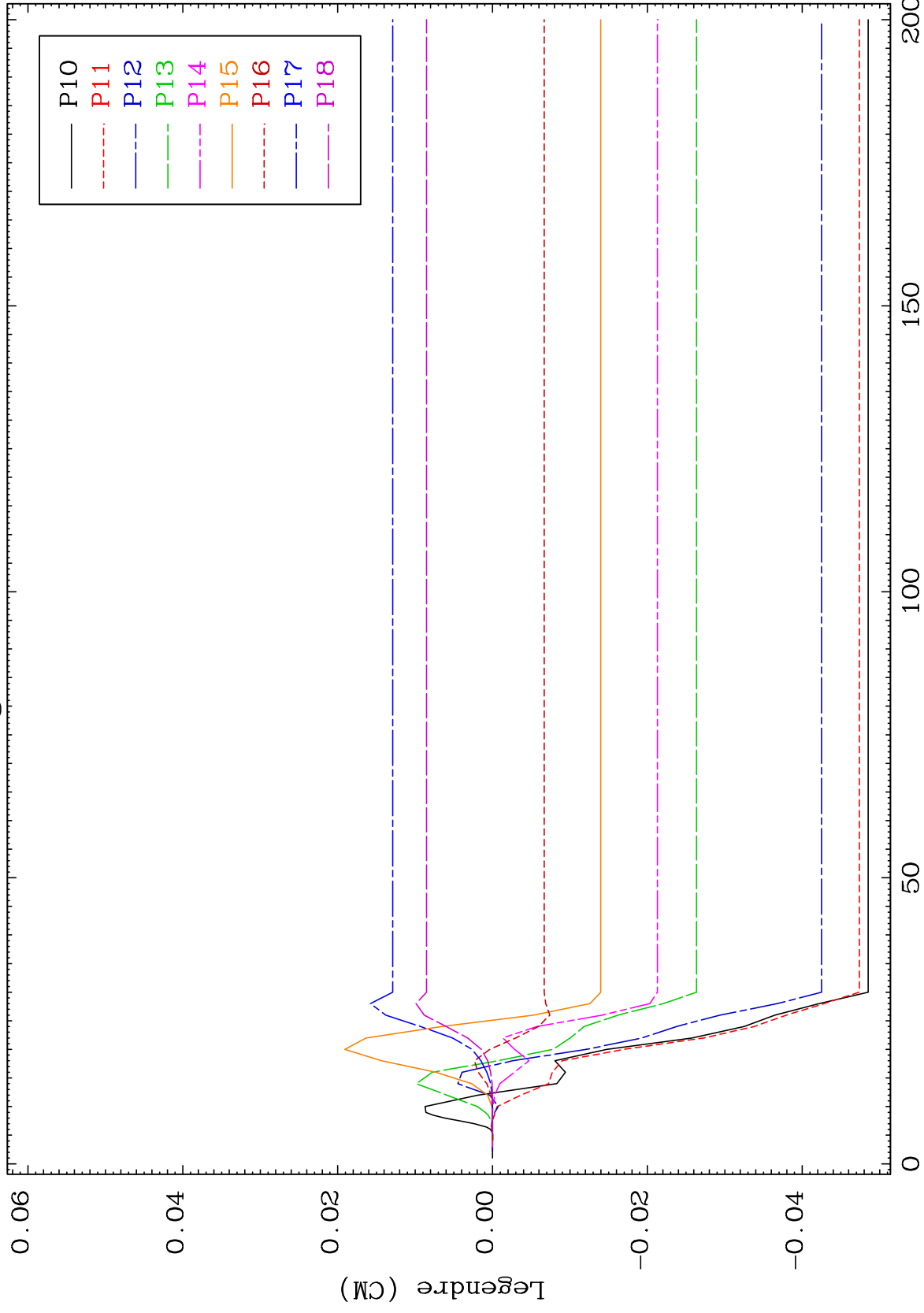
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



25

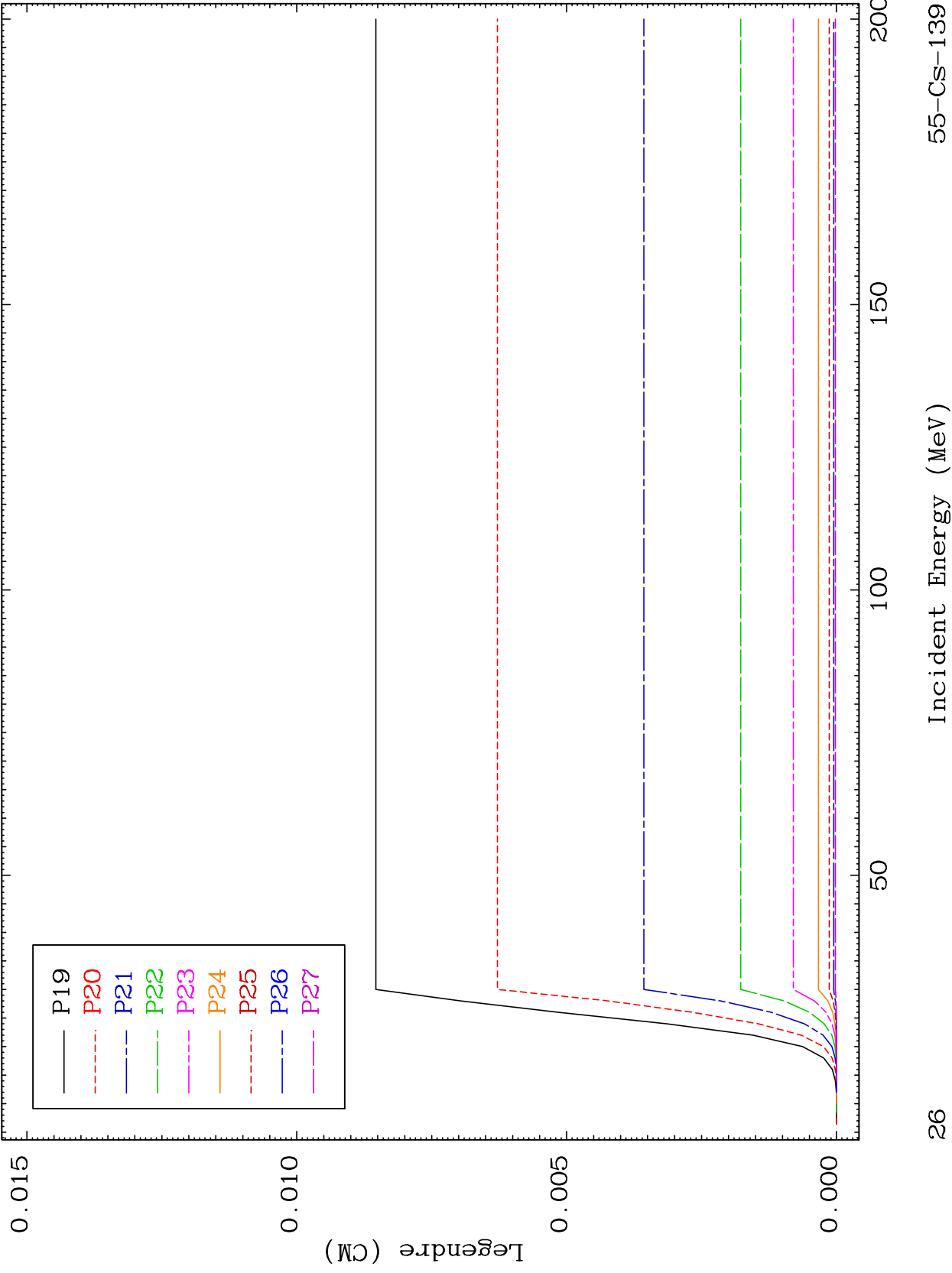
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



26

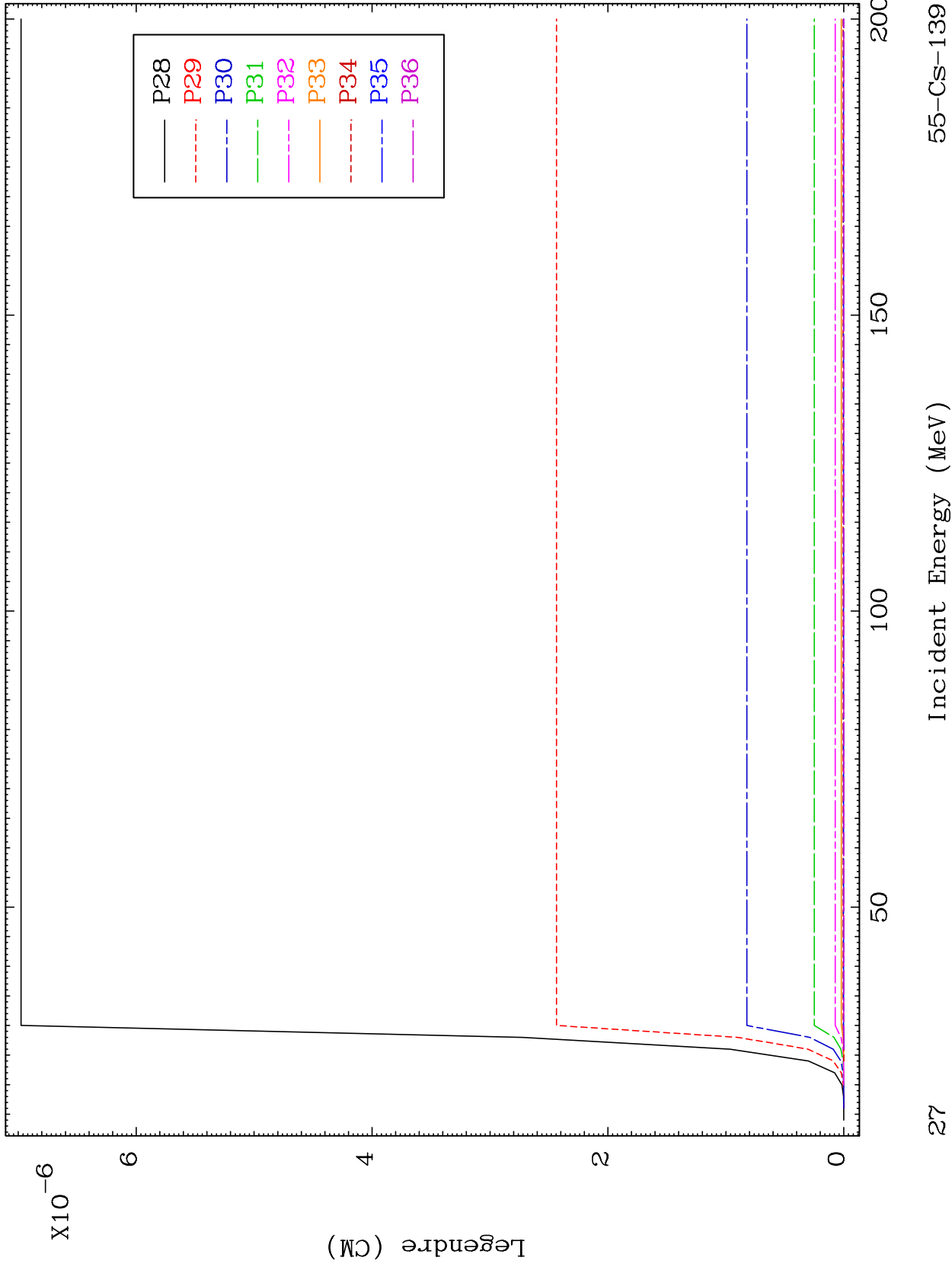
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

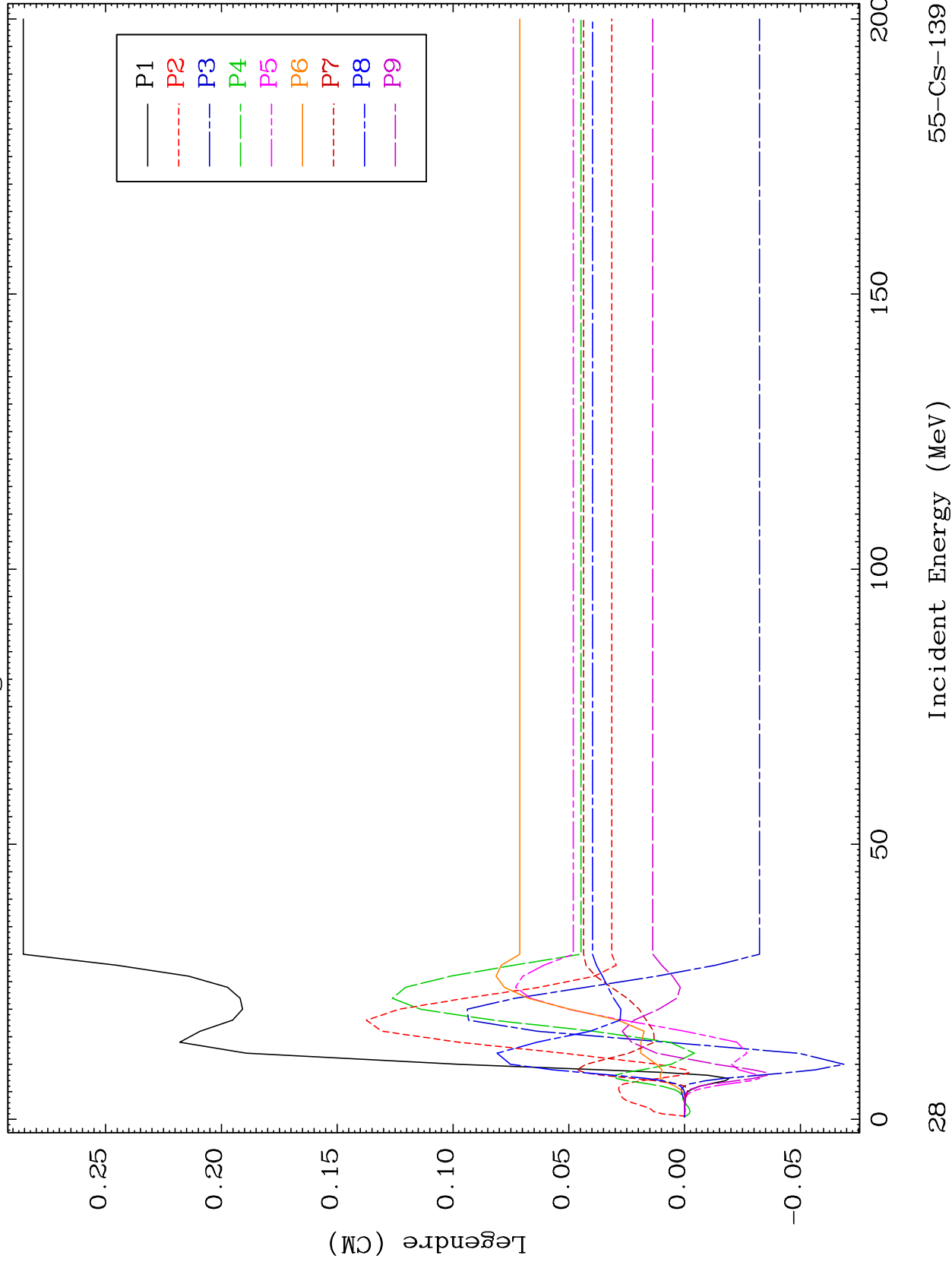
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

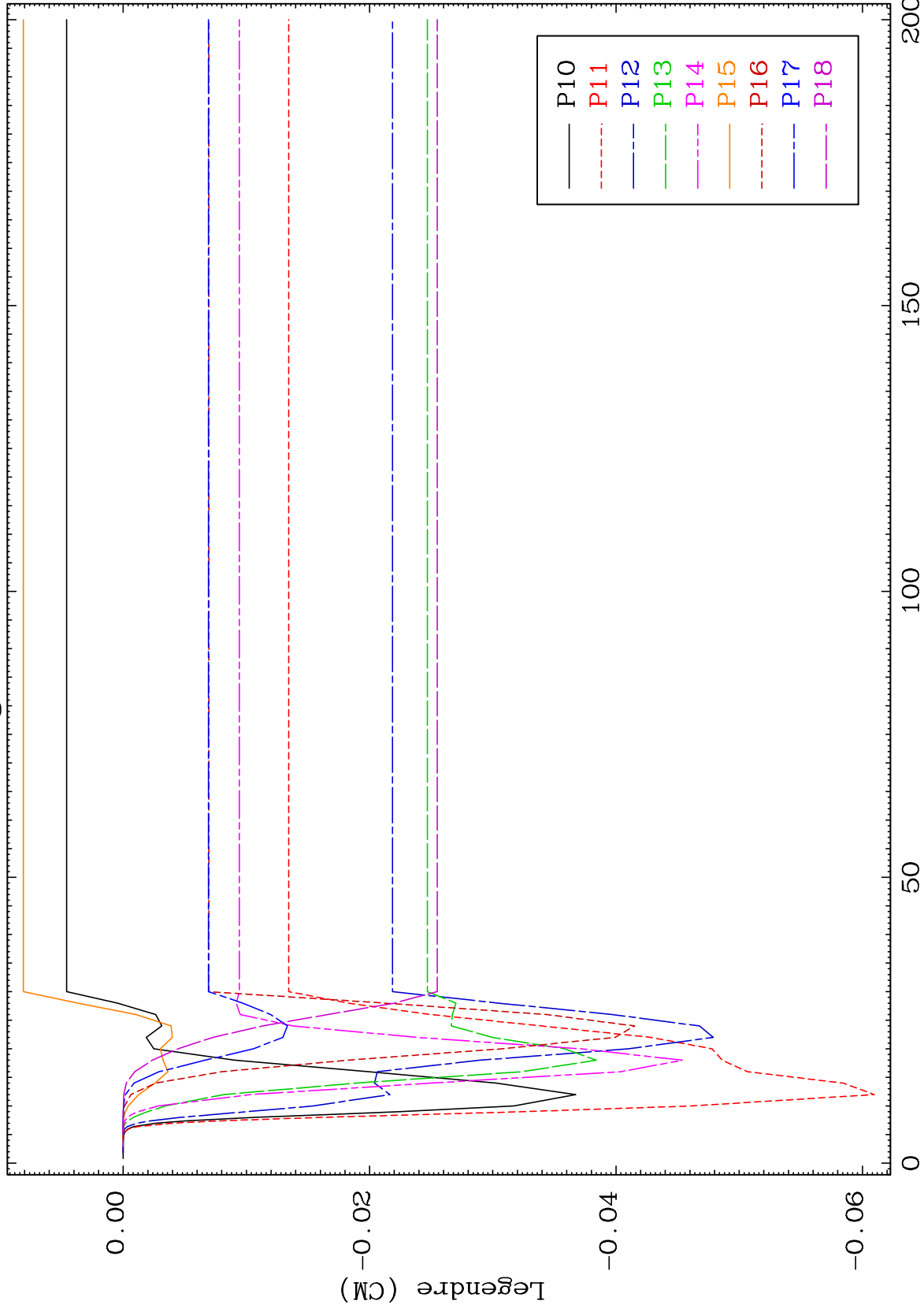
Incident Energy (MeV)

28

MAT 5543

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

55-Cs-139

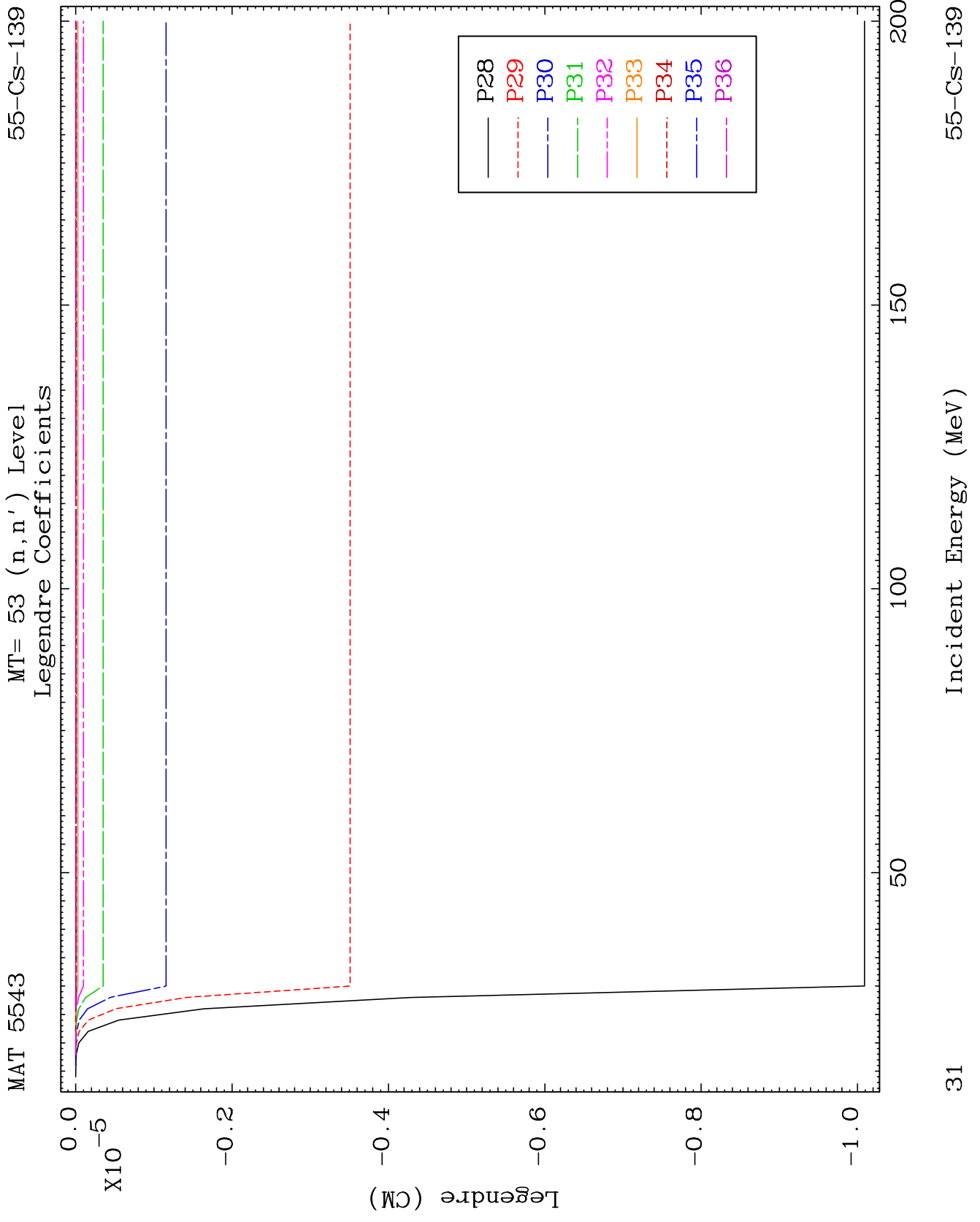


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Incident Energy (MeV)

55-Cs-139



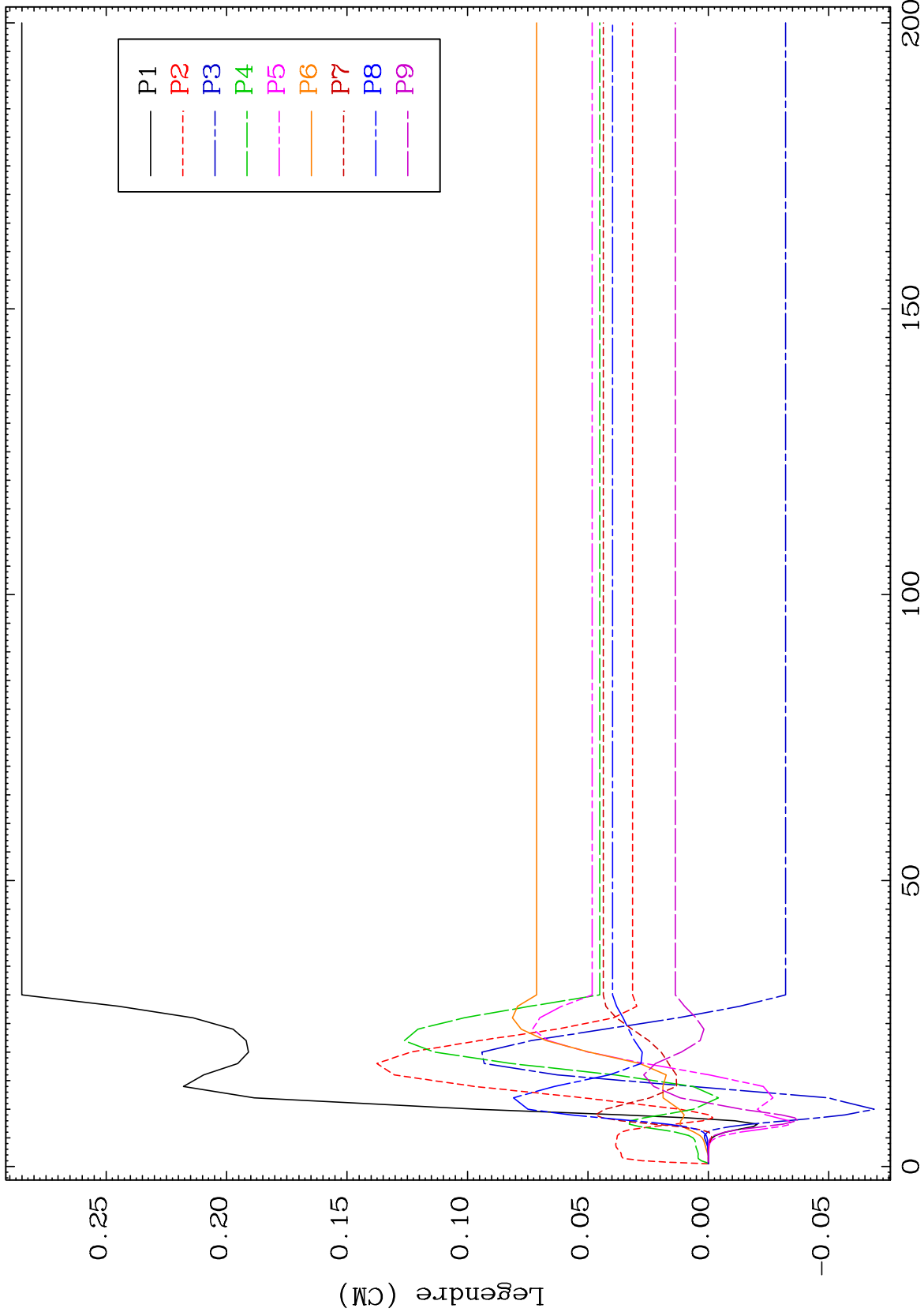




MAT 5543

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

55-Cs-139



32

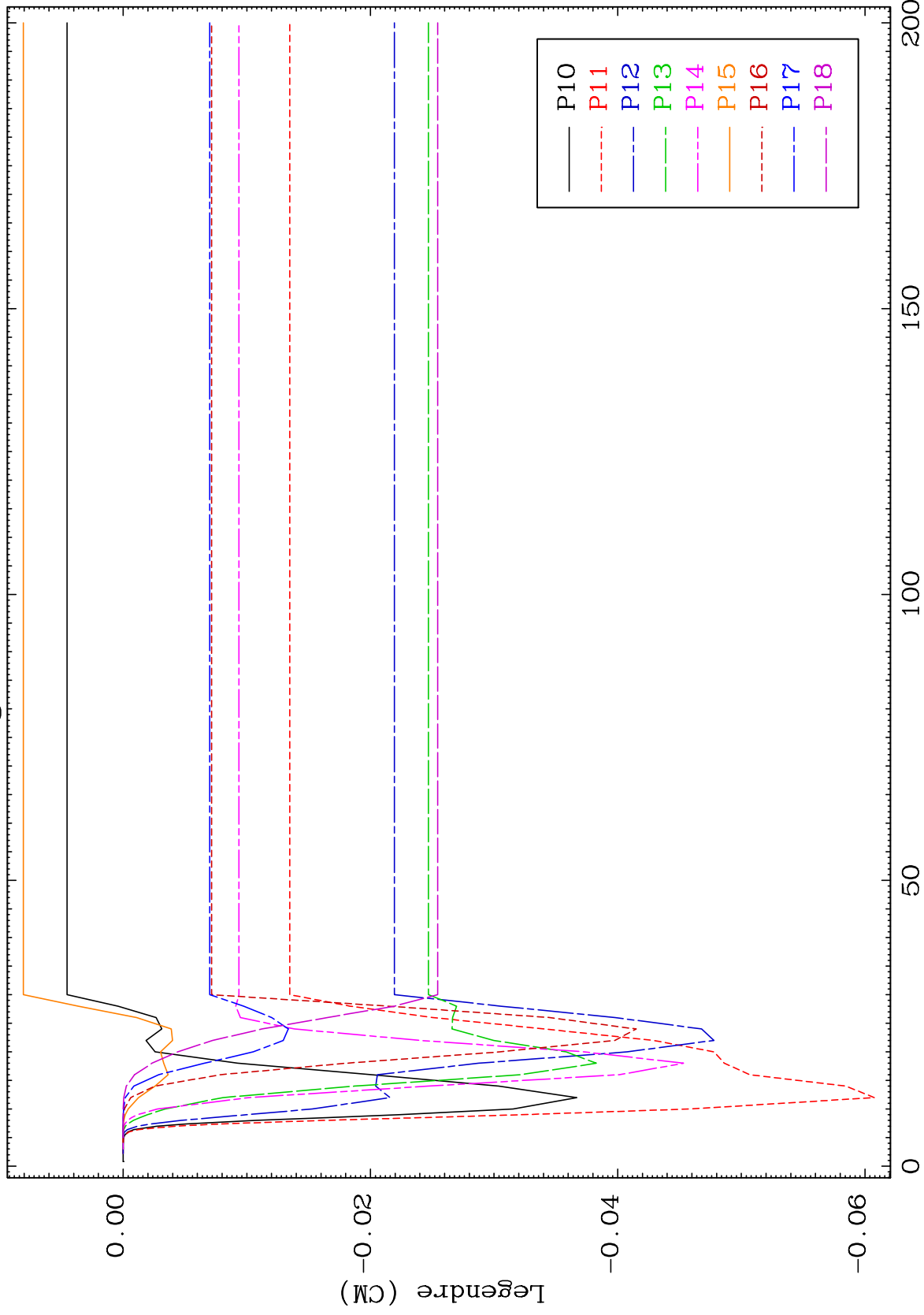
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

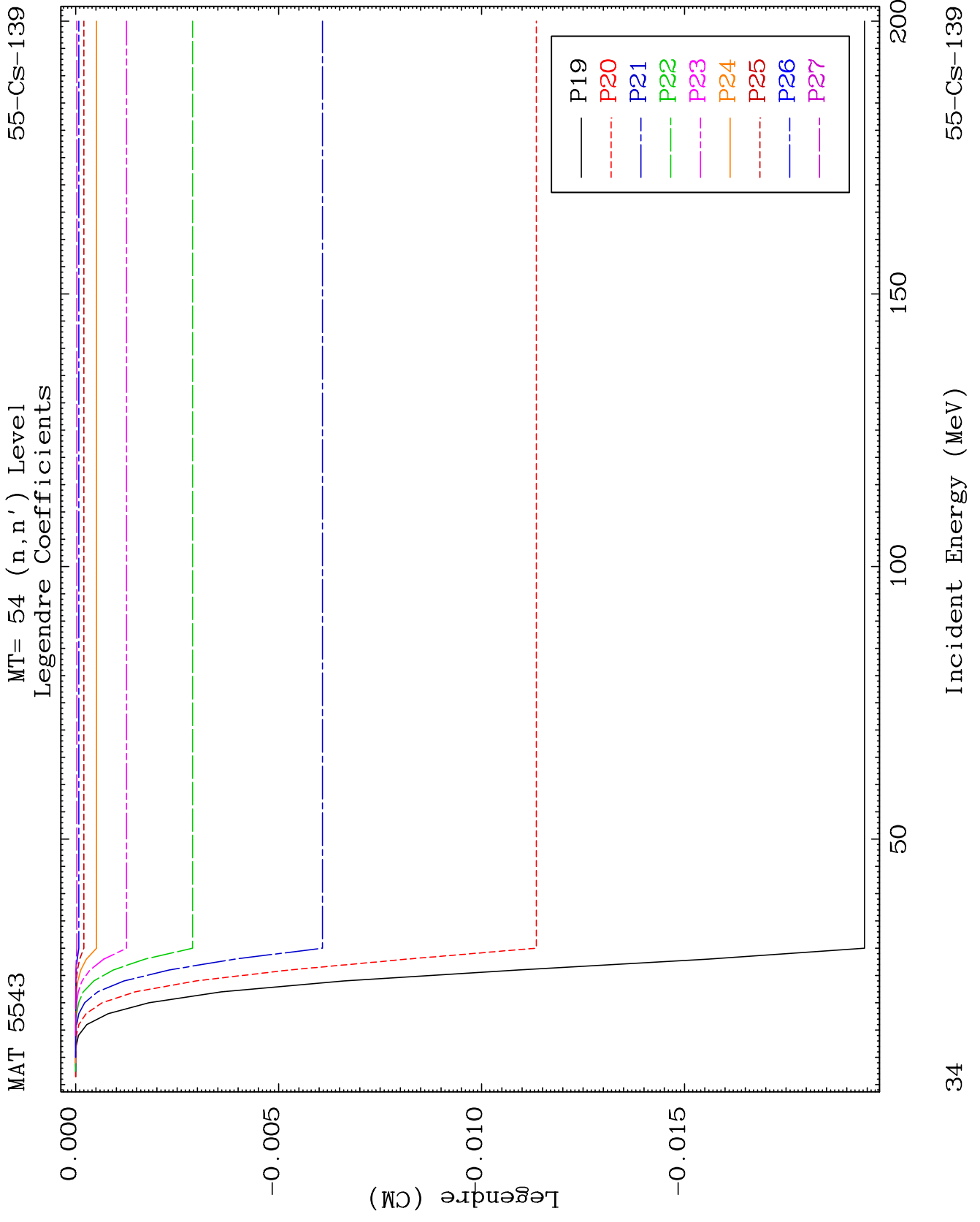
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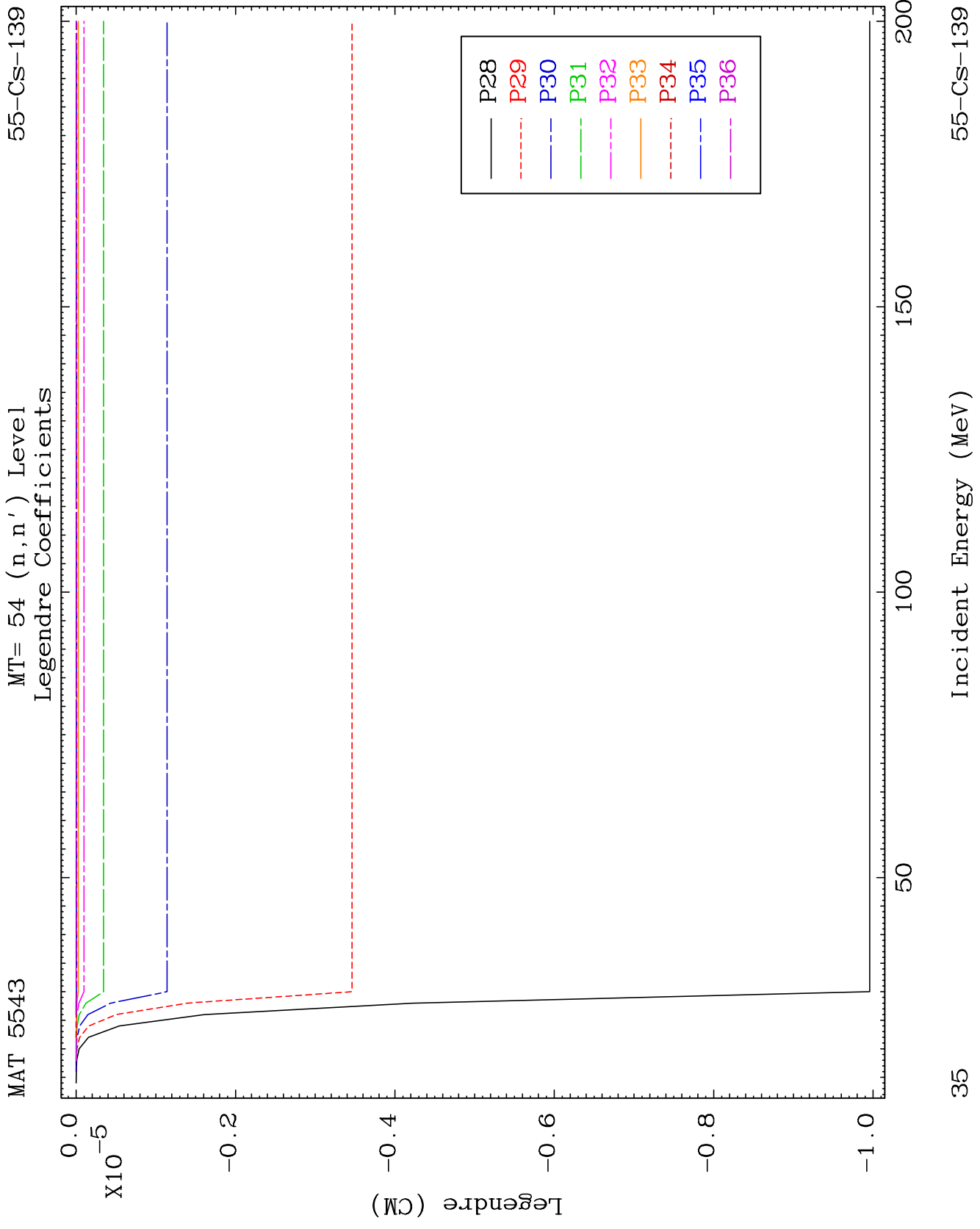


33

Incident Energy (MeV)

55-Cs-139

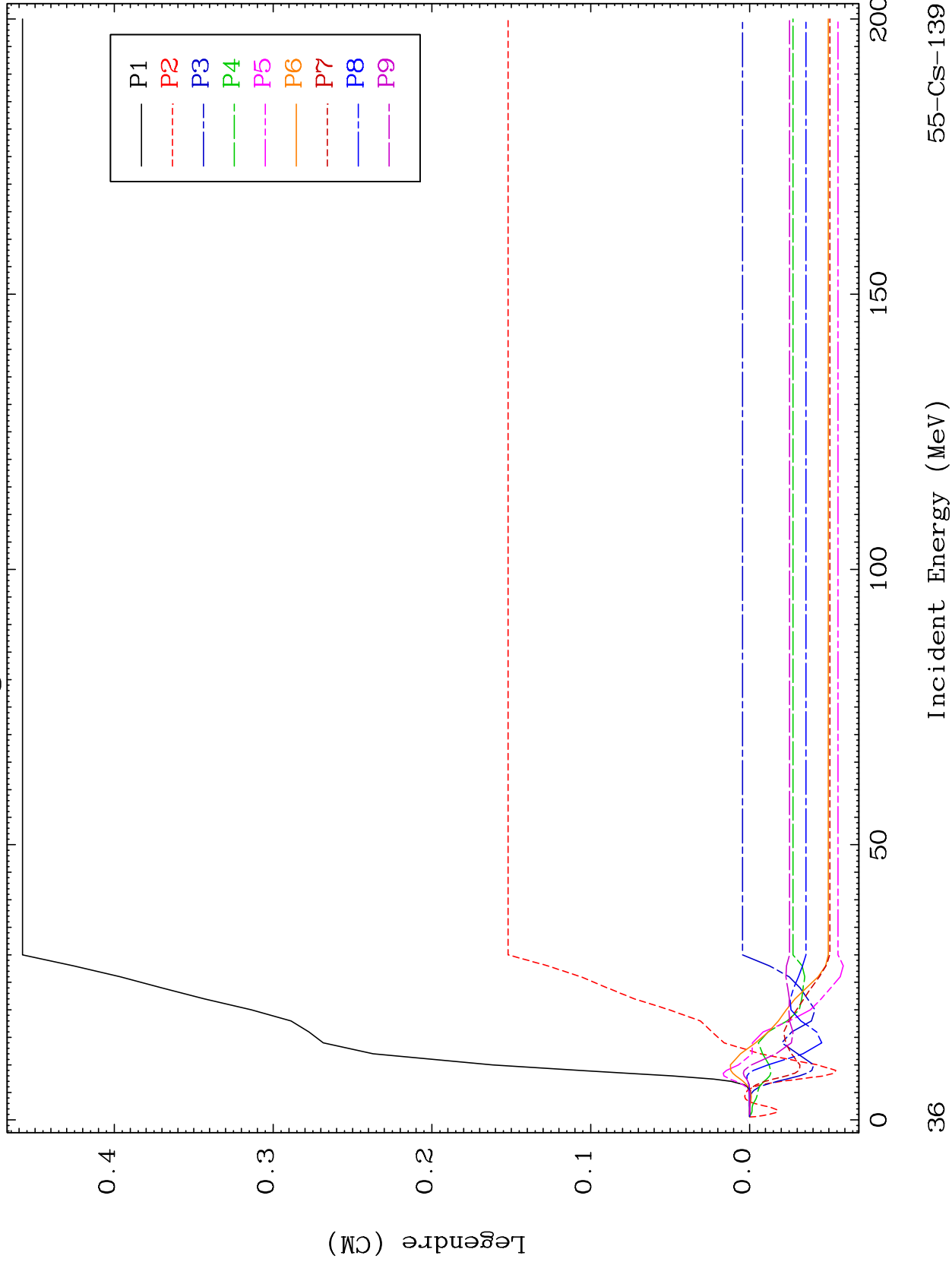




MAT 5543

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

55-Cs-139



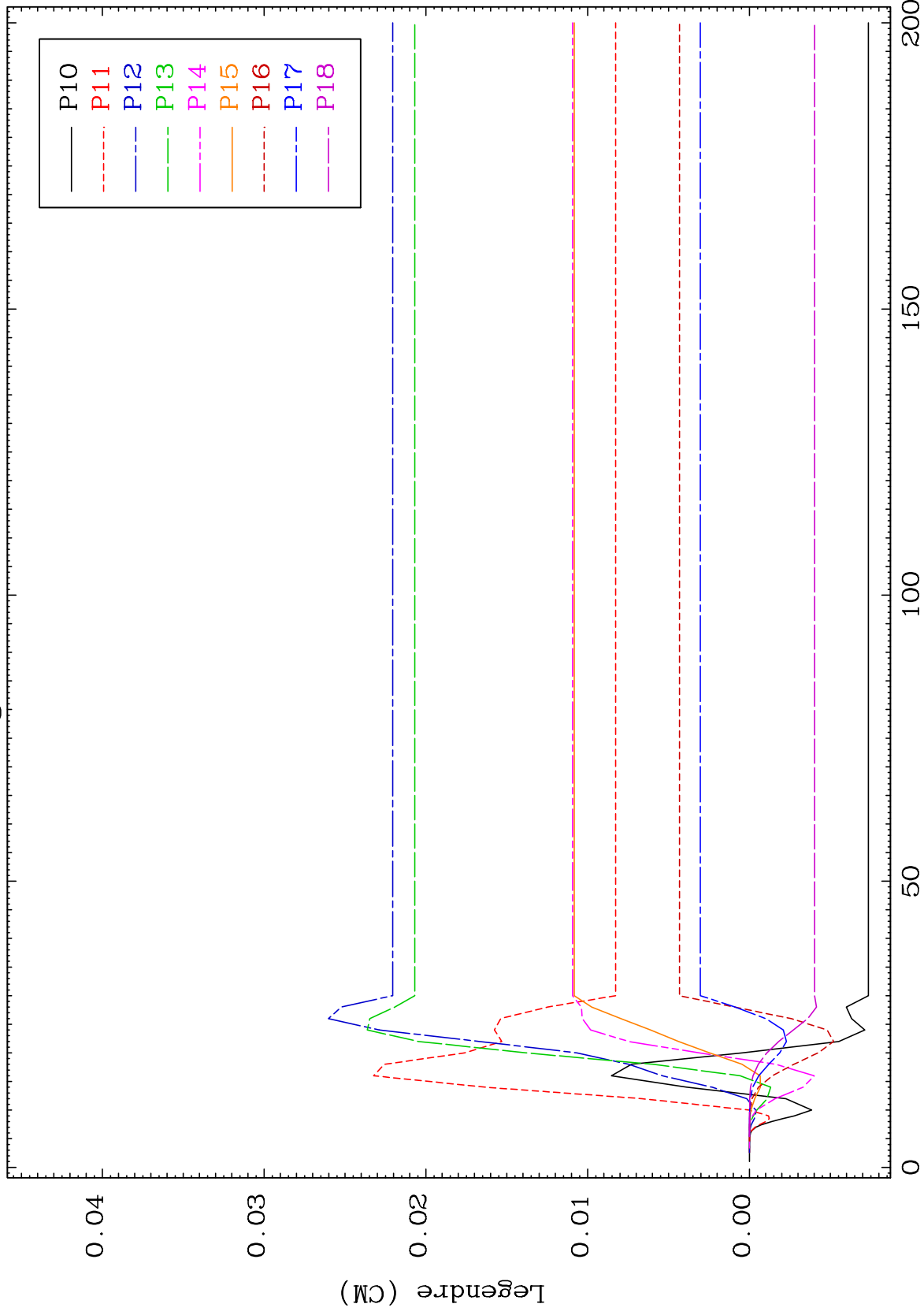
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55-Cs-139

MAT 5543

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

55-Cs-139



37

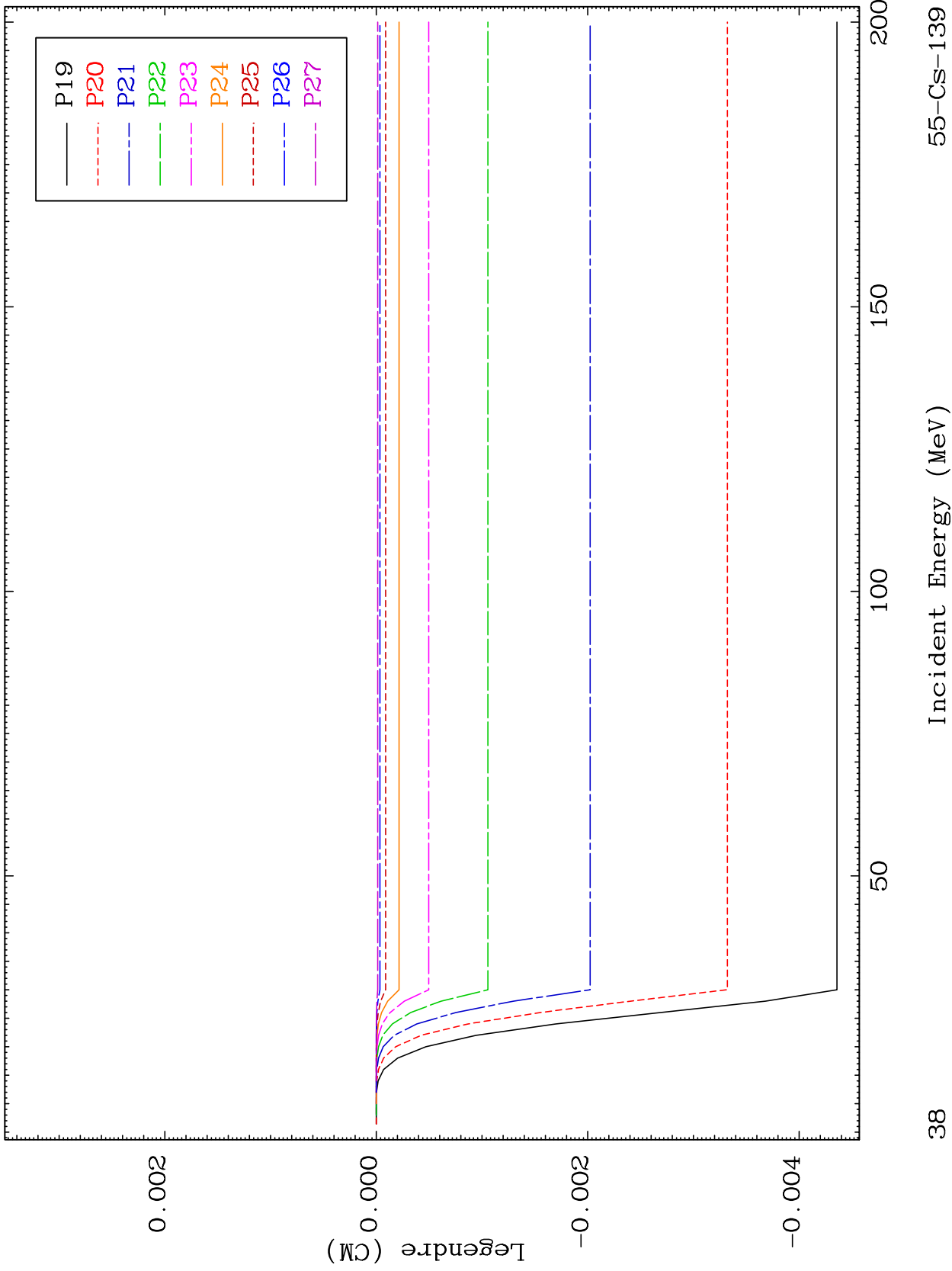
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



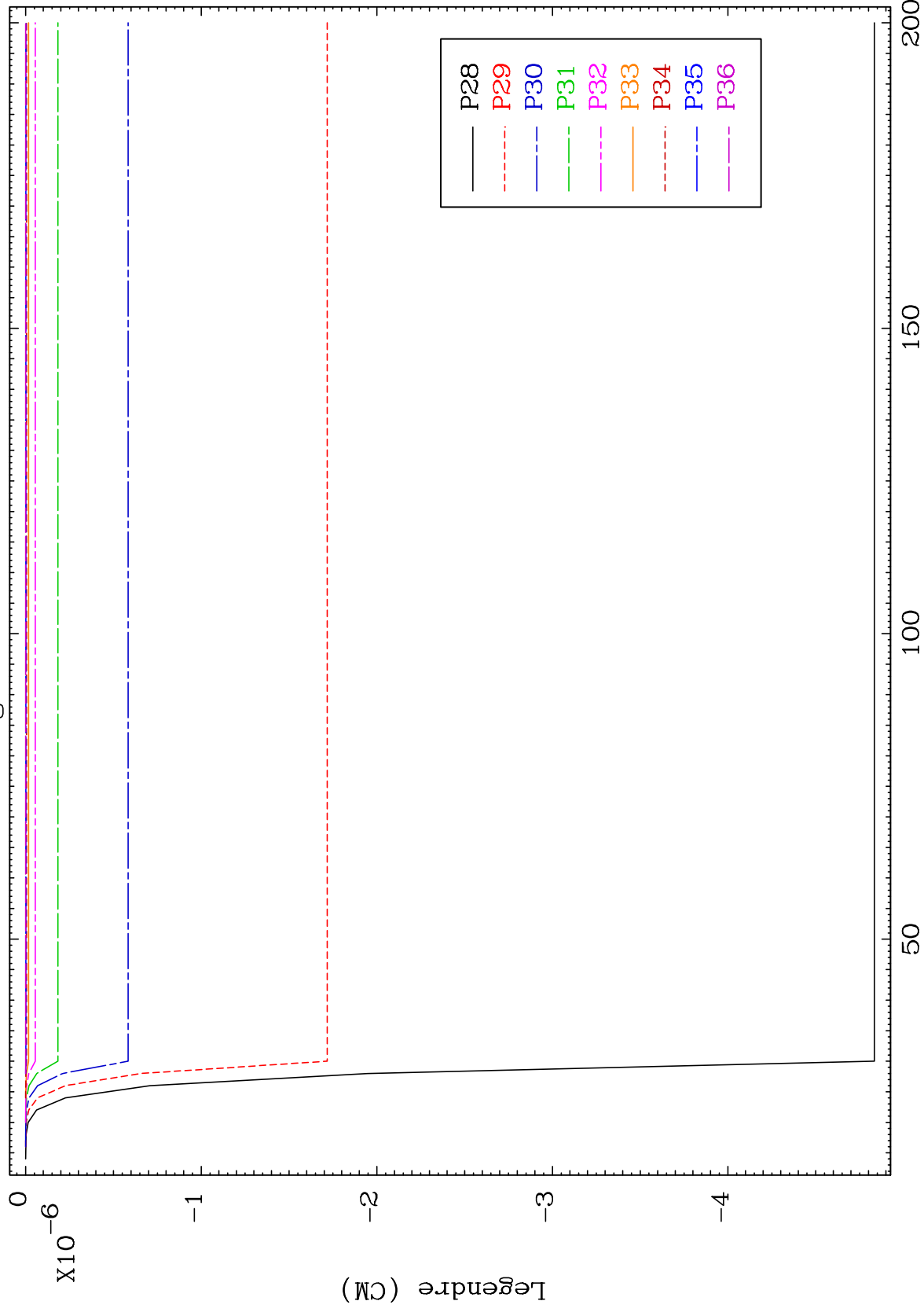
38

55-Cs-139

MAT 5543

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

55-Cs-139



39

Incident Energy (MeV)

55-Cs-139

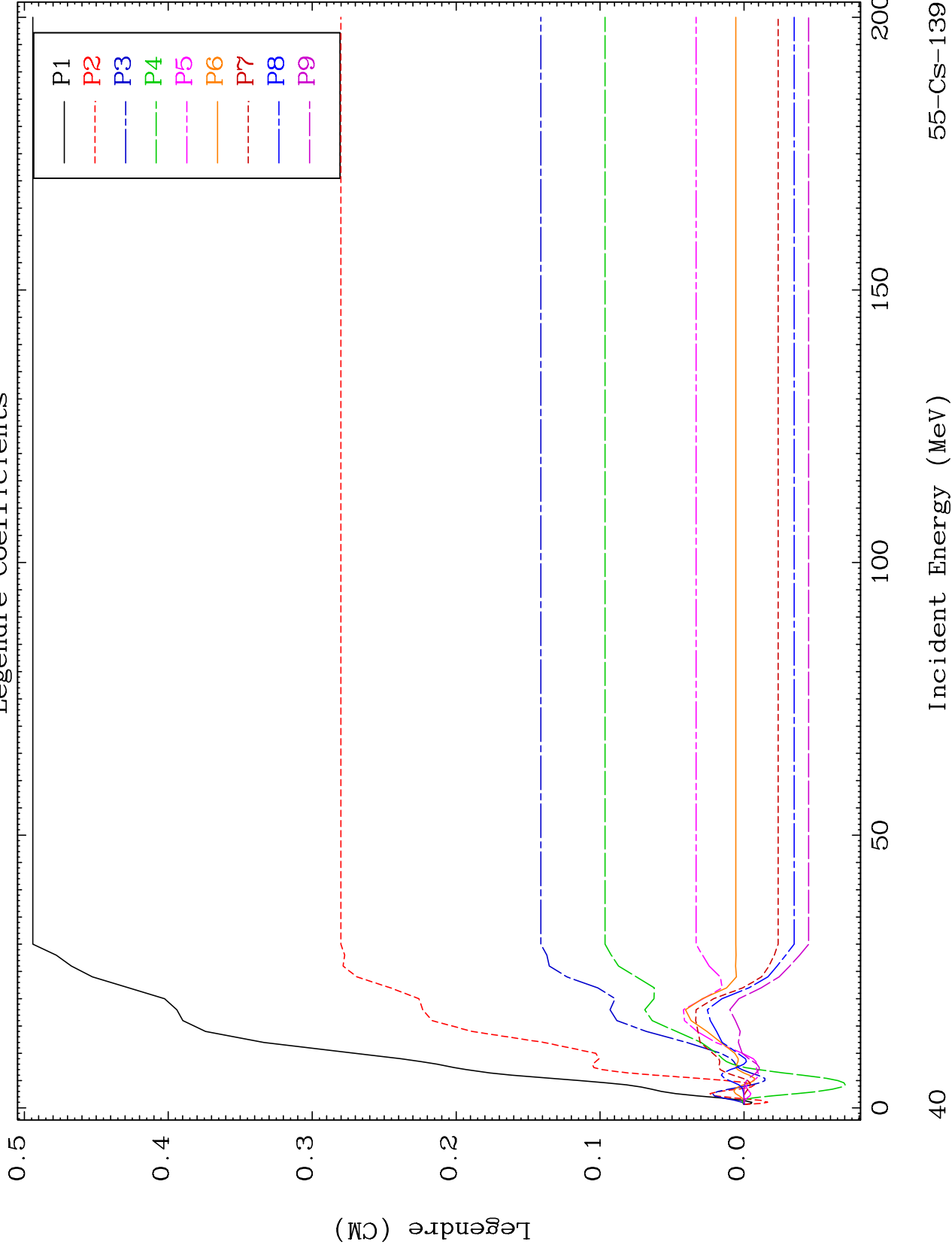


MAT 5543

MT= 56 (n,n') Level

55-Cs-139

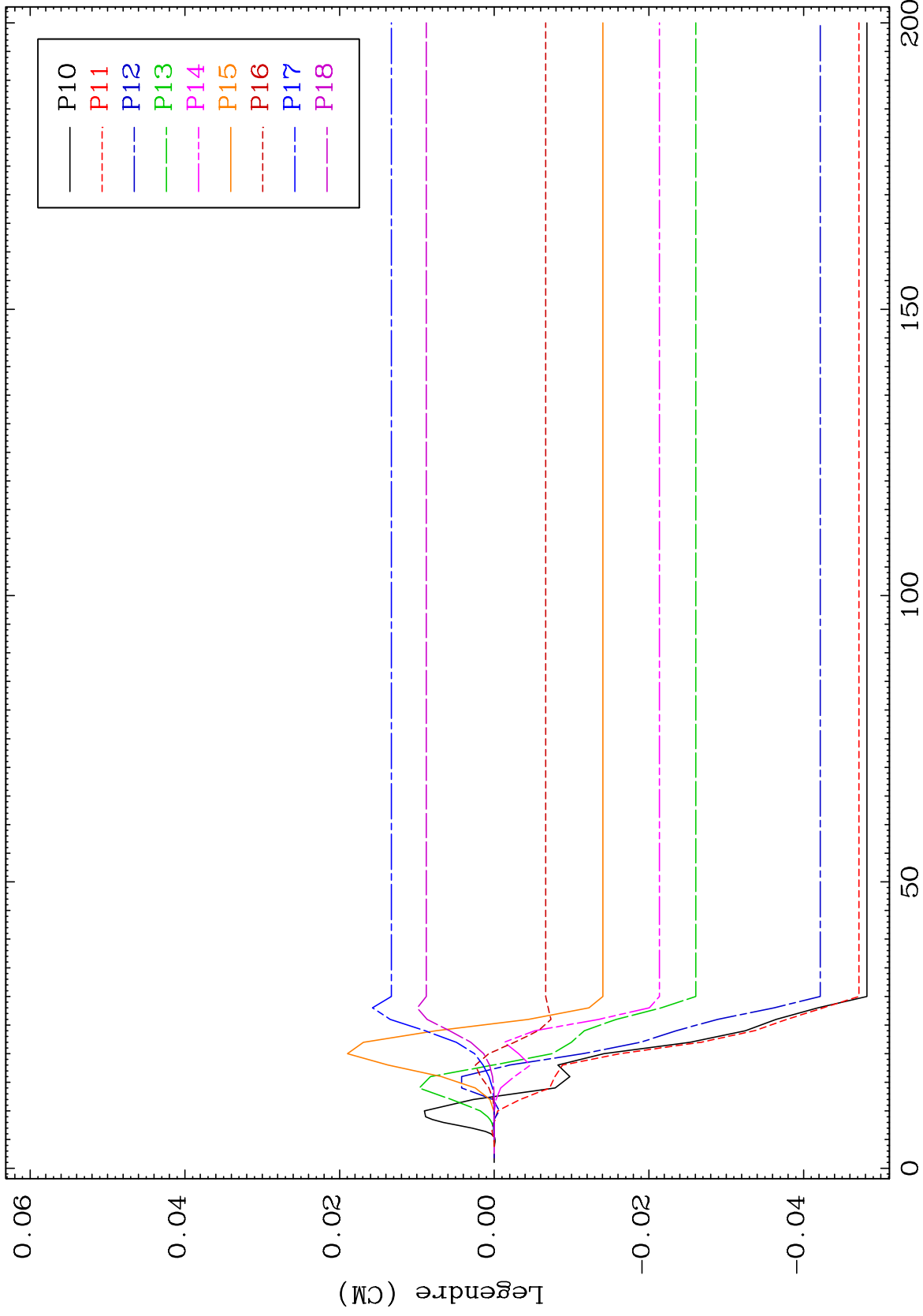
Legendre Coefficients



MAT 5543

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

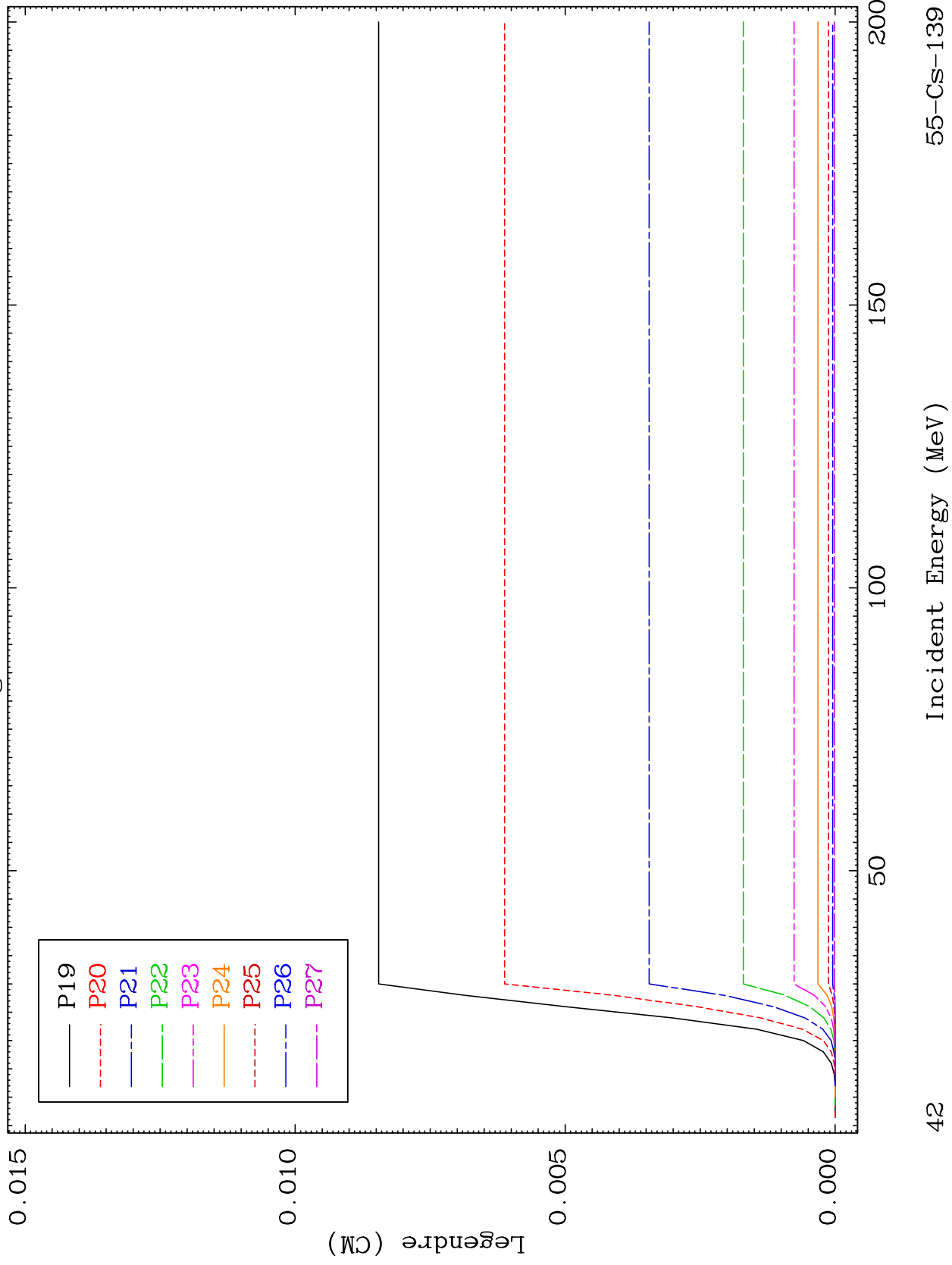
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MAT 5543

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

55-Cs-139



42

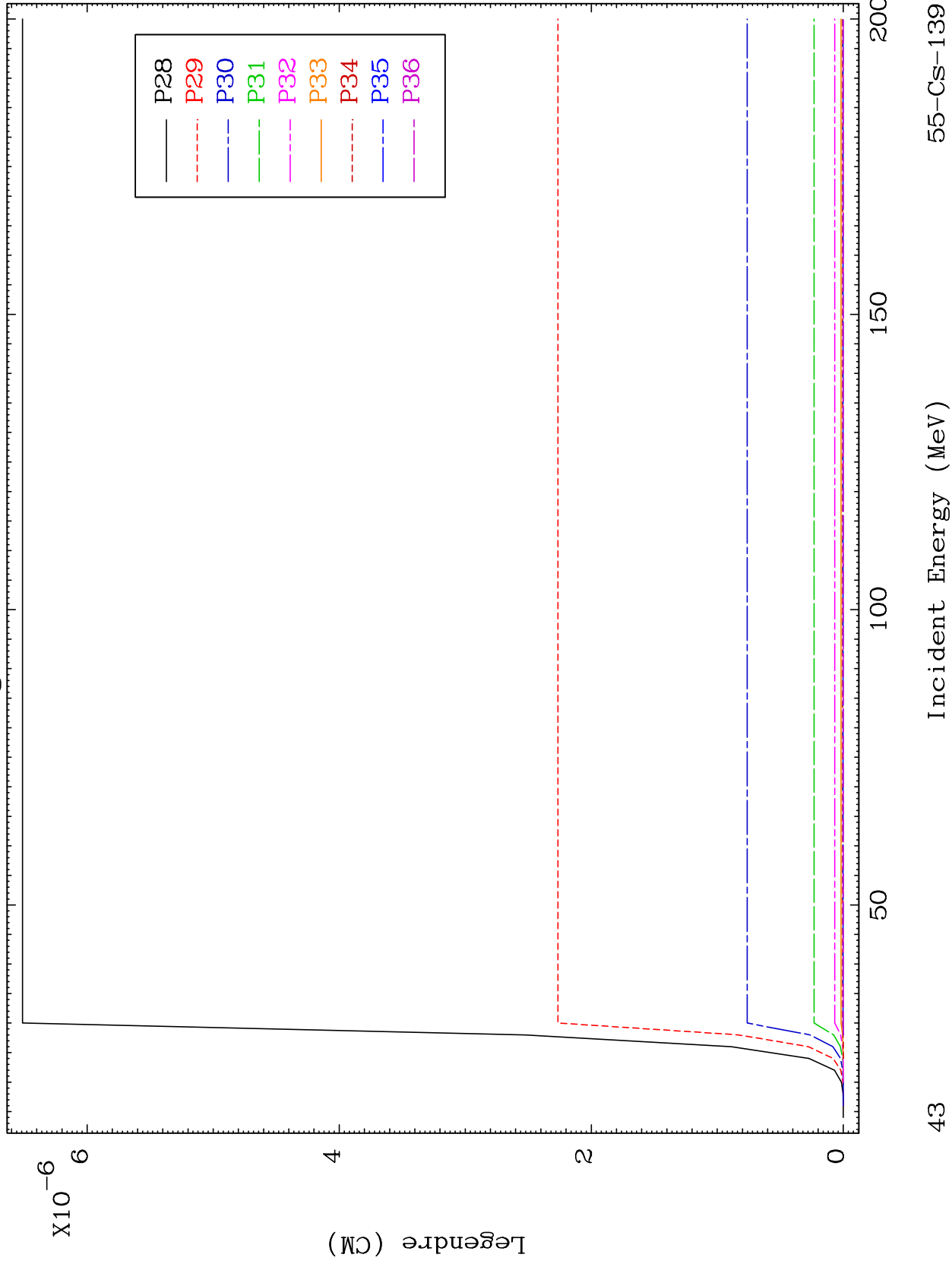
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



43

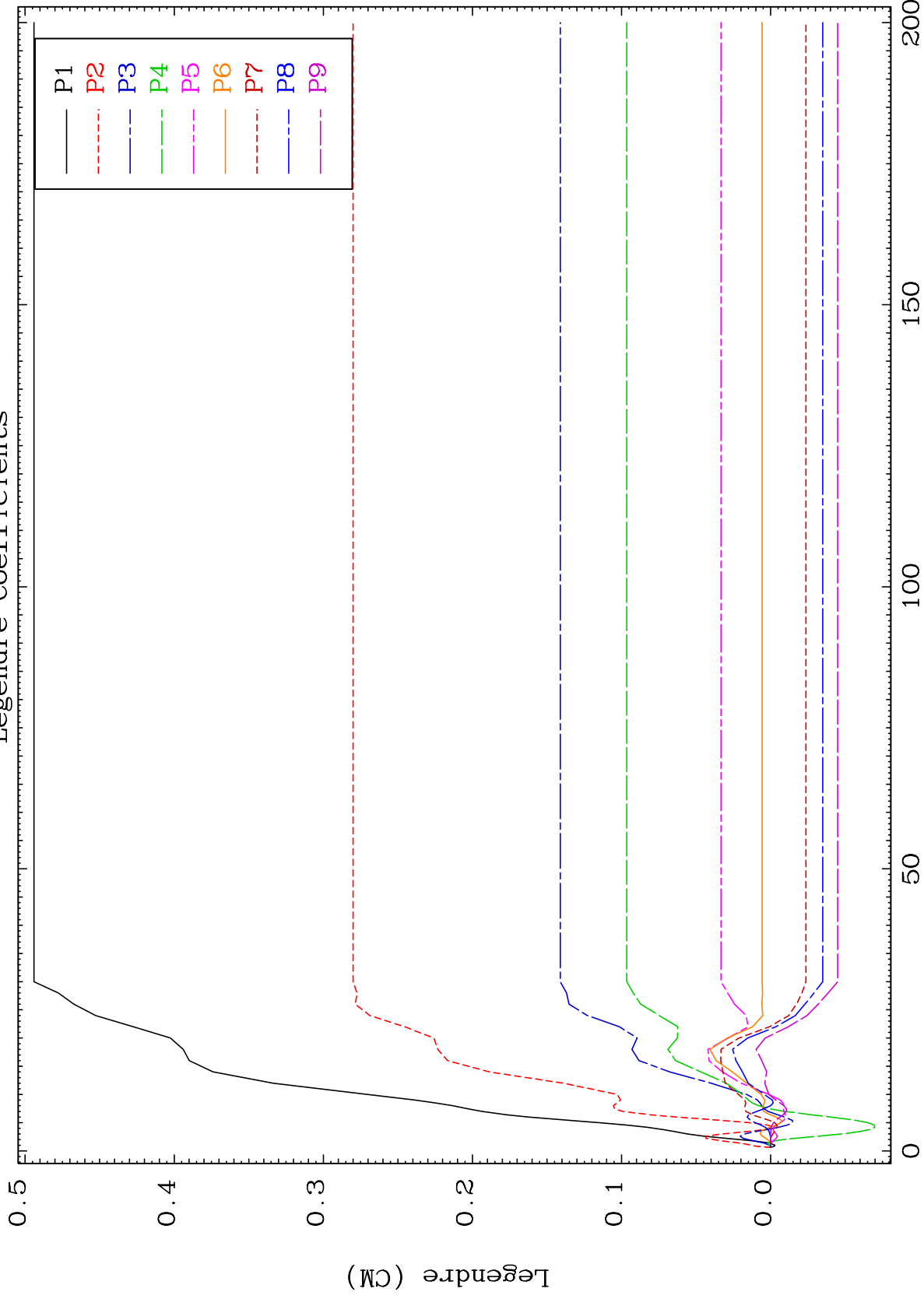
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



44

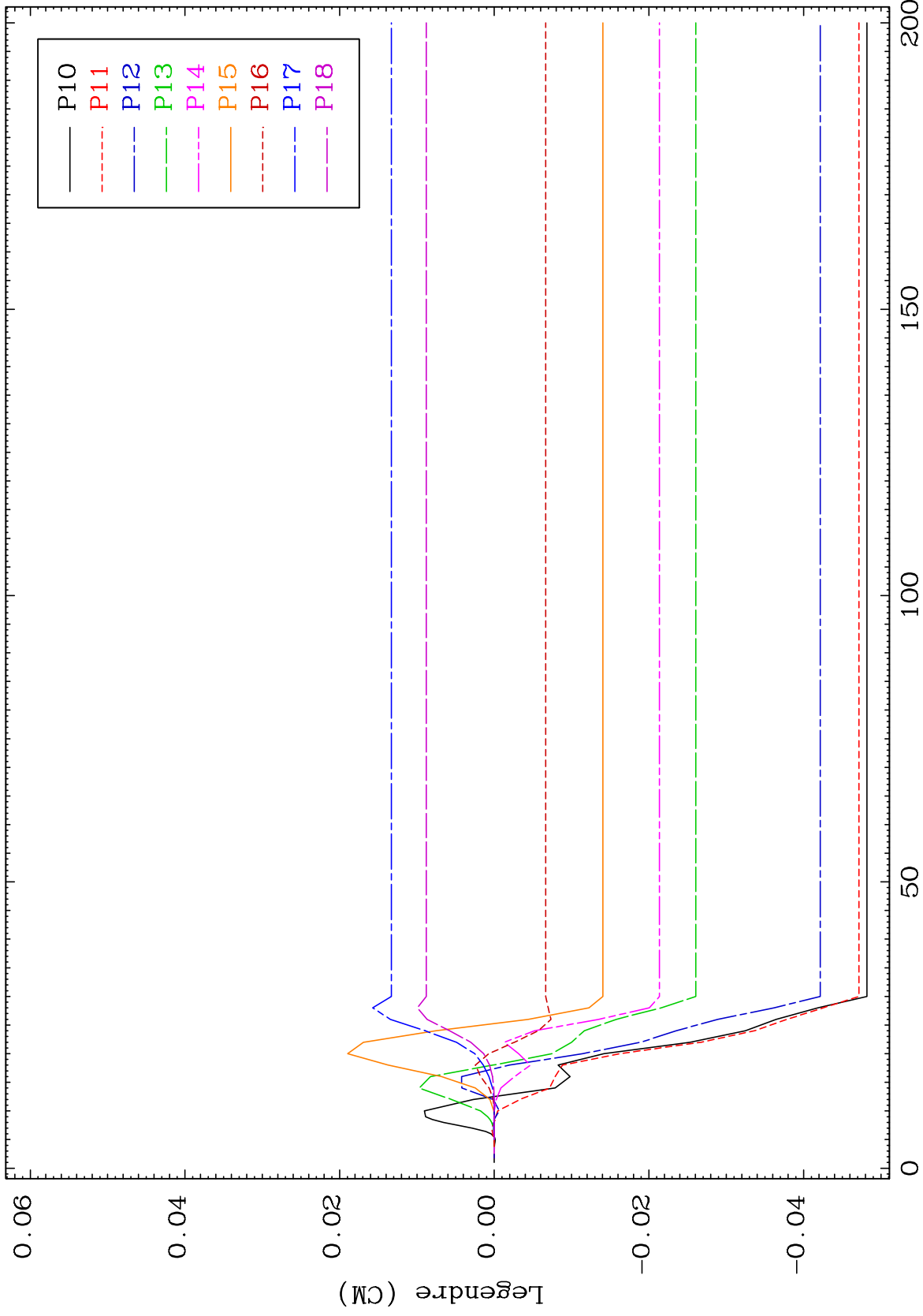
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



55-Cs-139

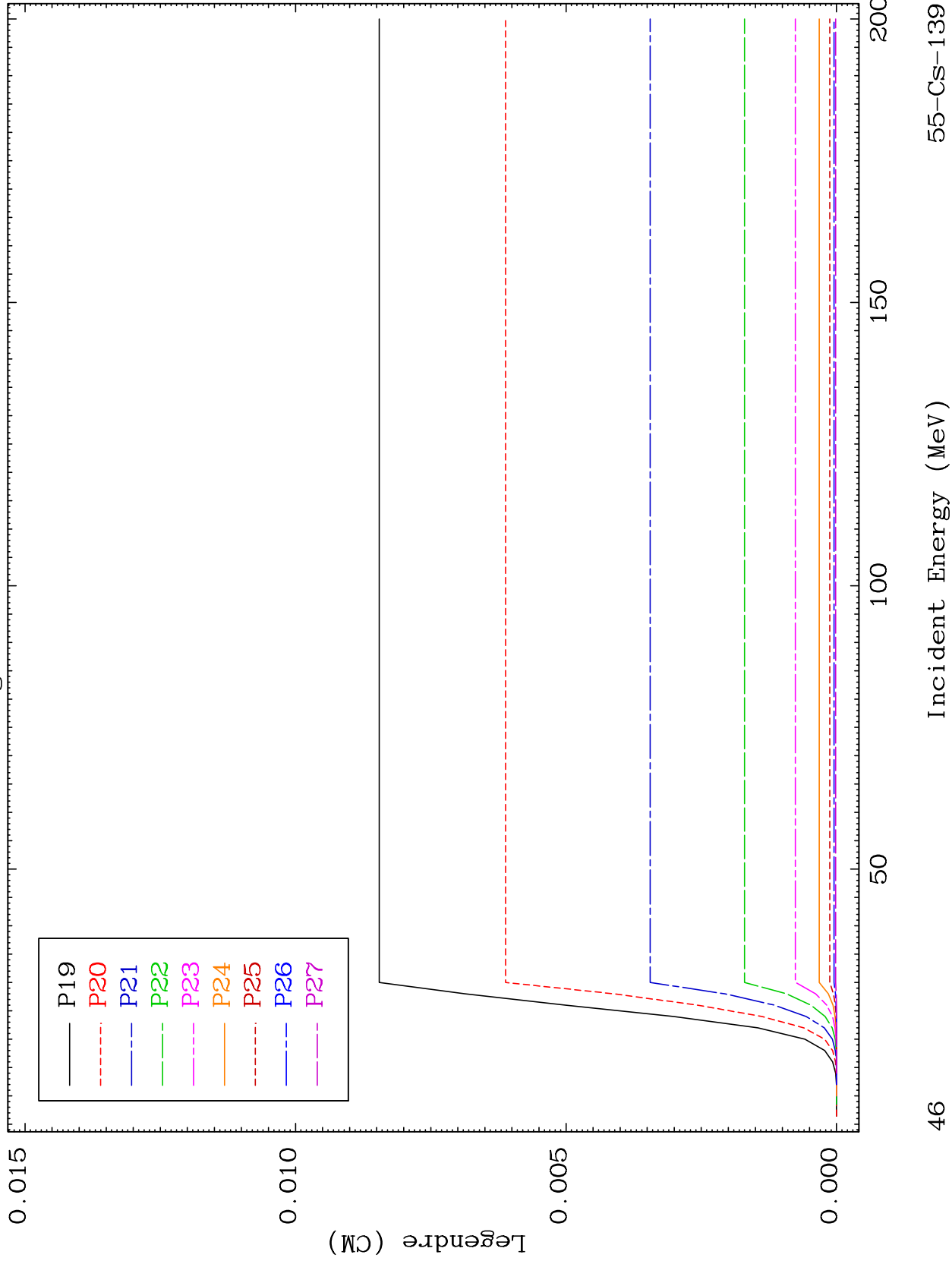
Incident Energy (MeV)

45

MAT 5543

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

55-Cs-139



46

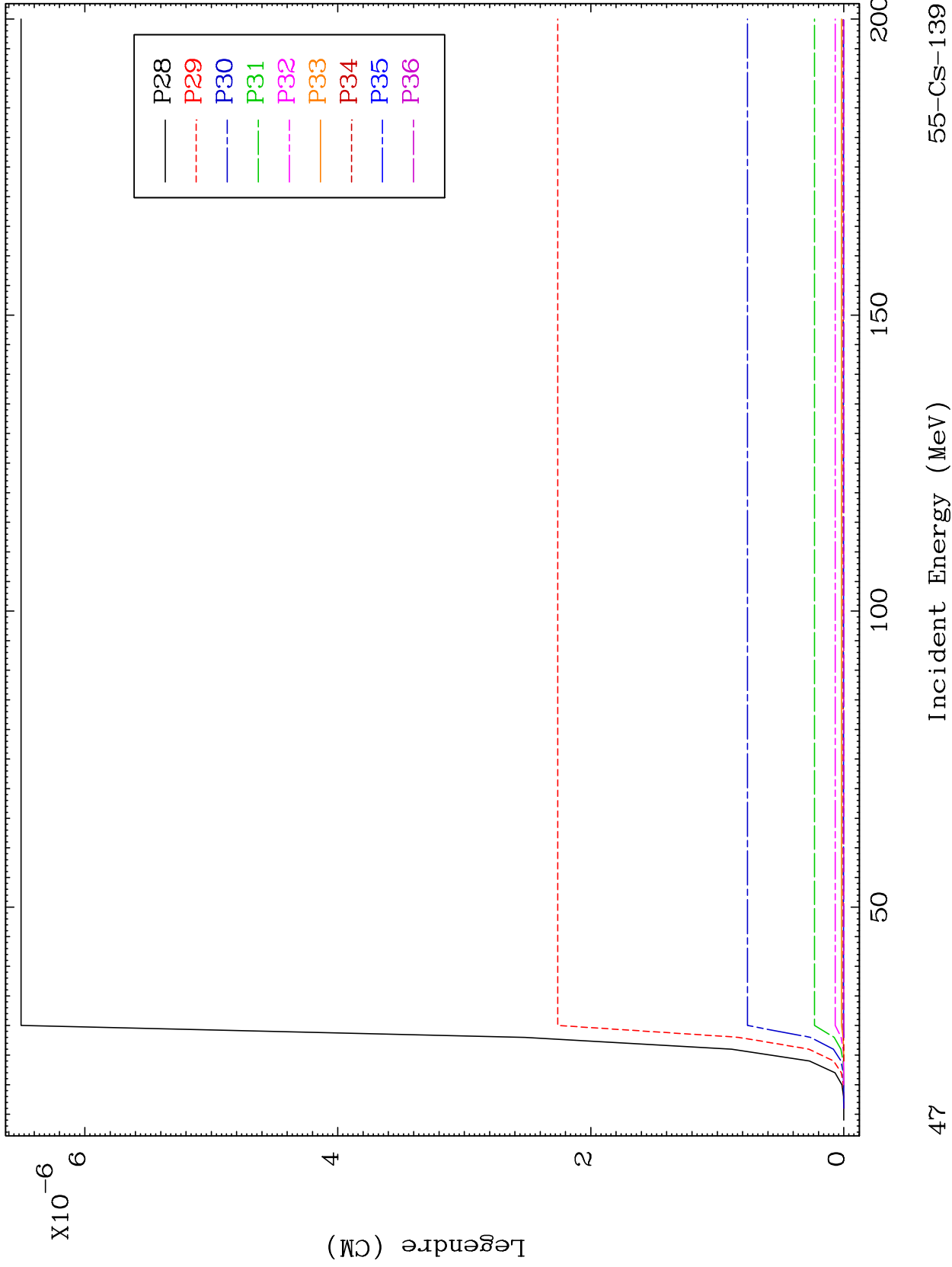
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139

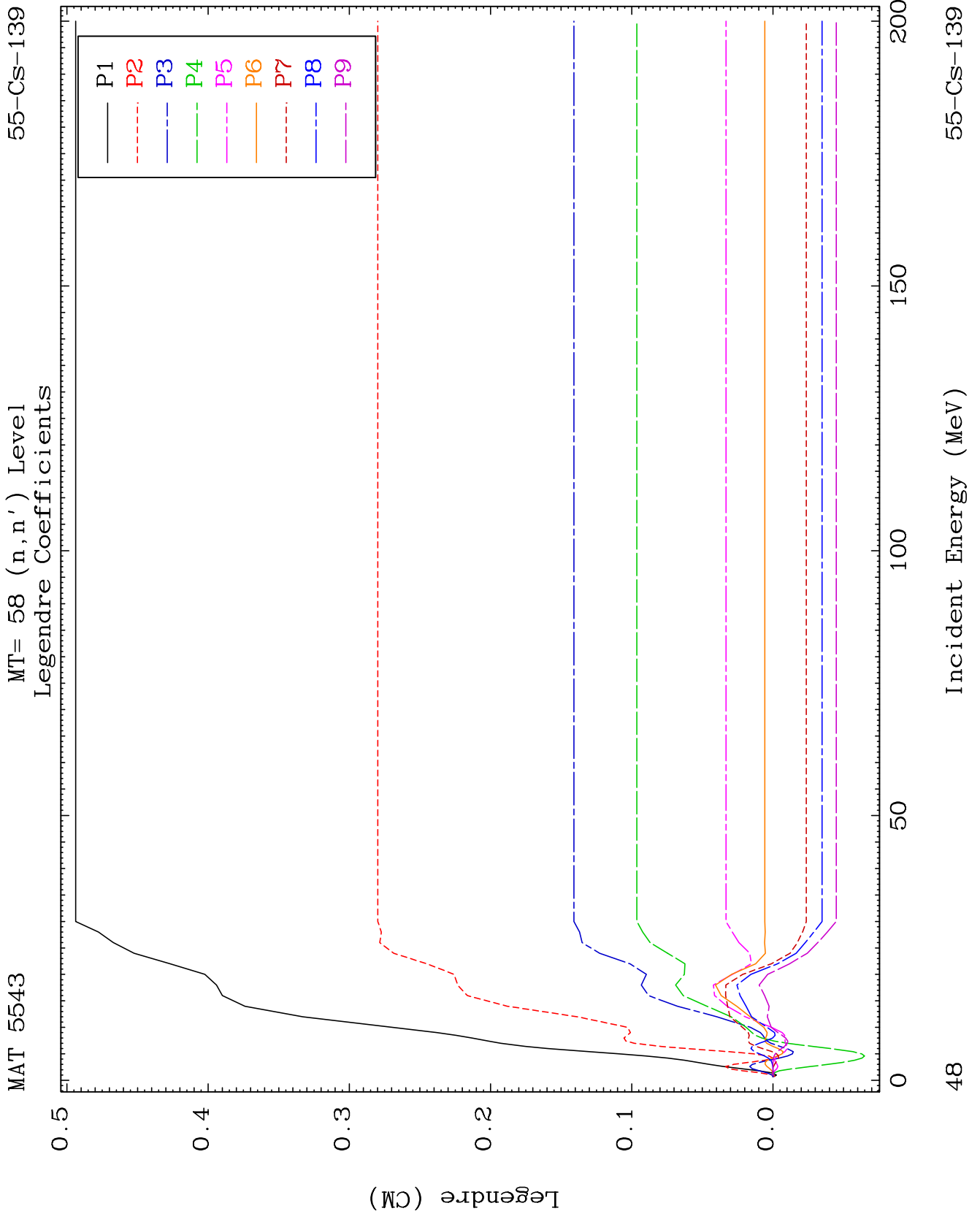


47

Incident Energy (MeV)

55-Cs-139

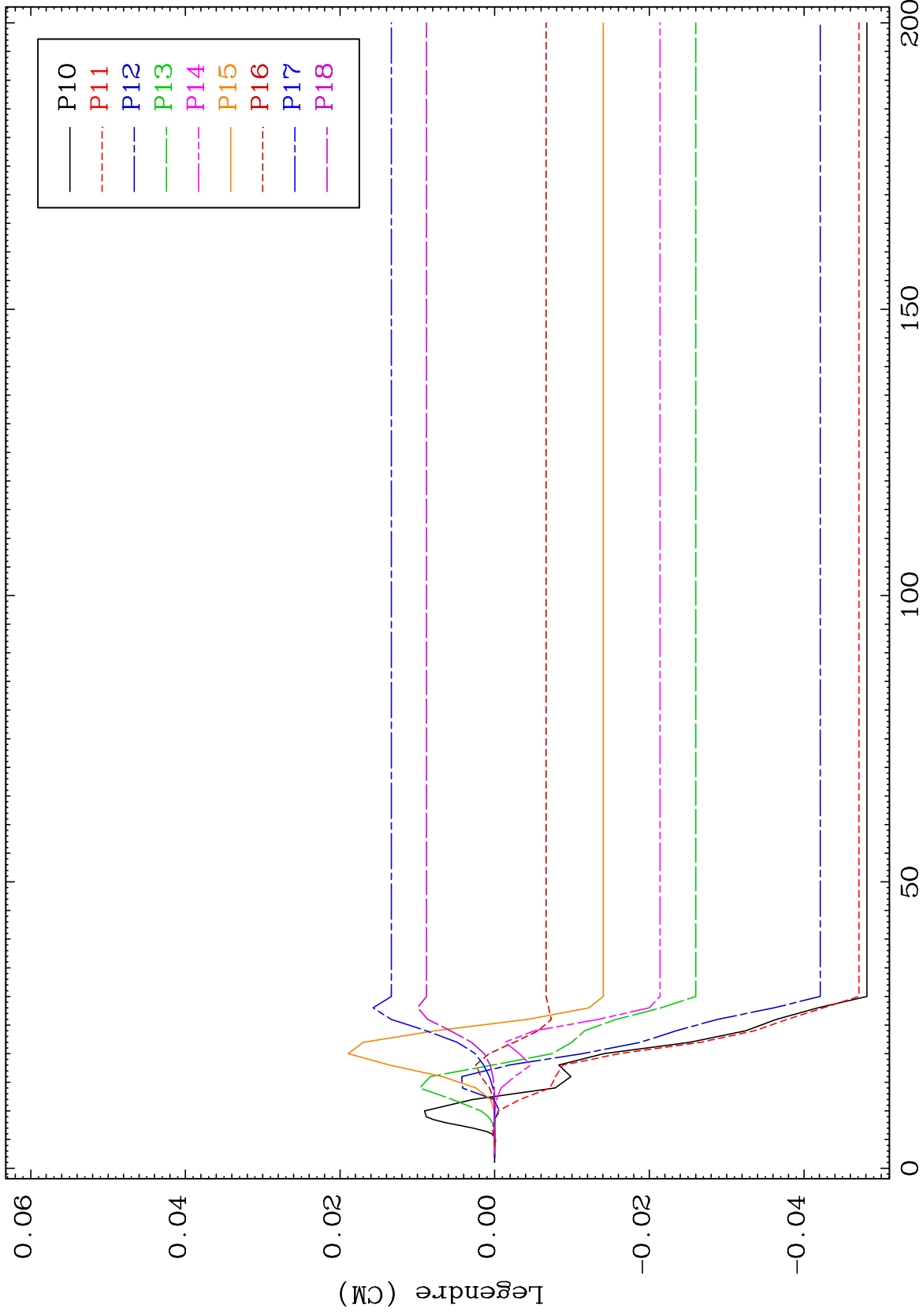




MAT 5543

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

55-Cs-139



49

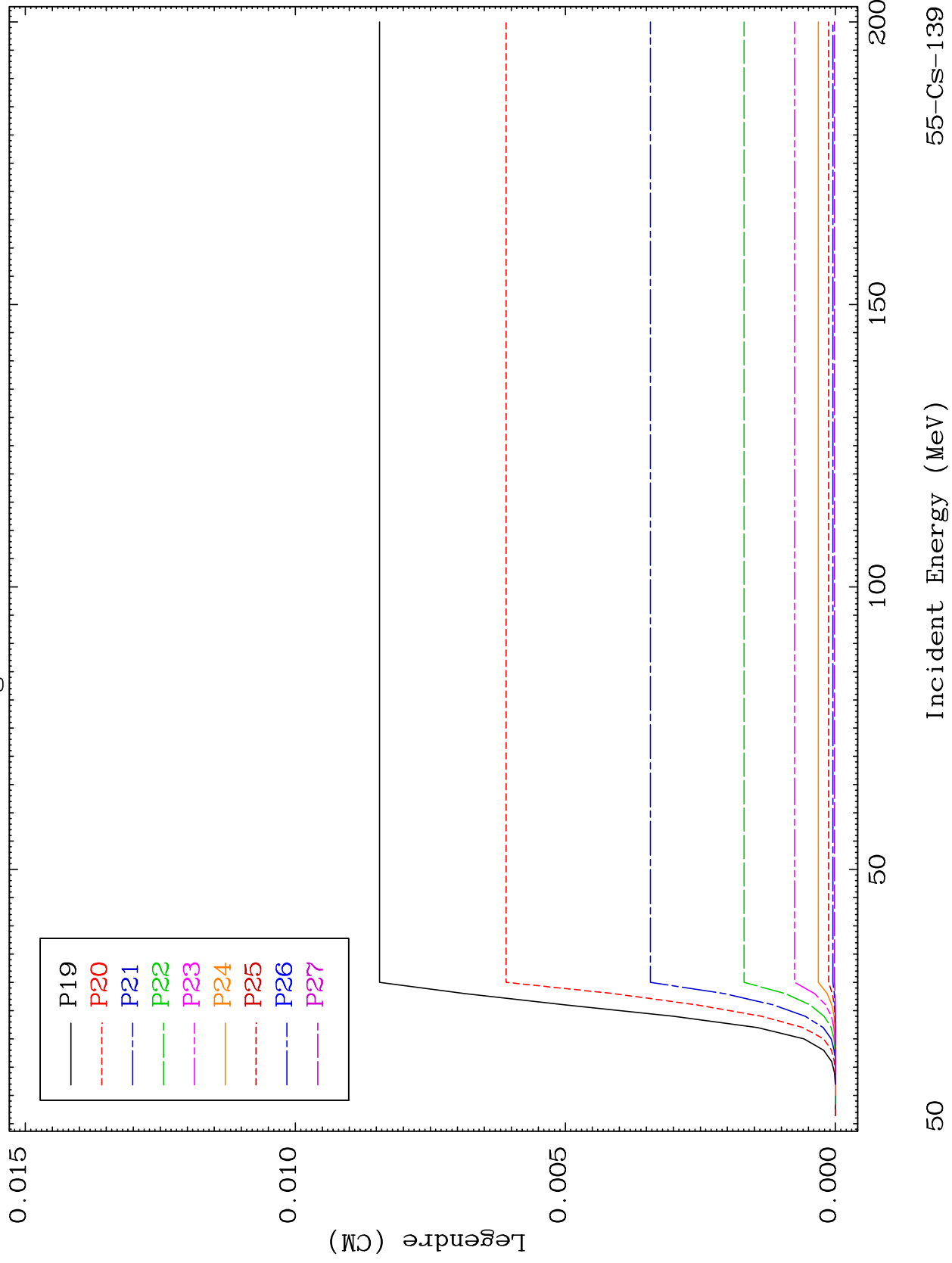
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

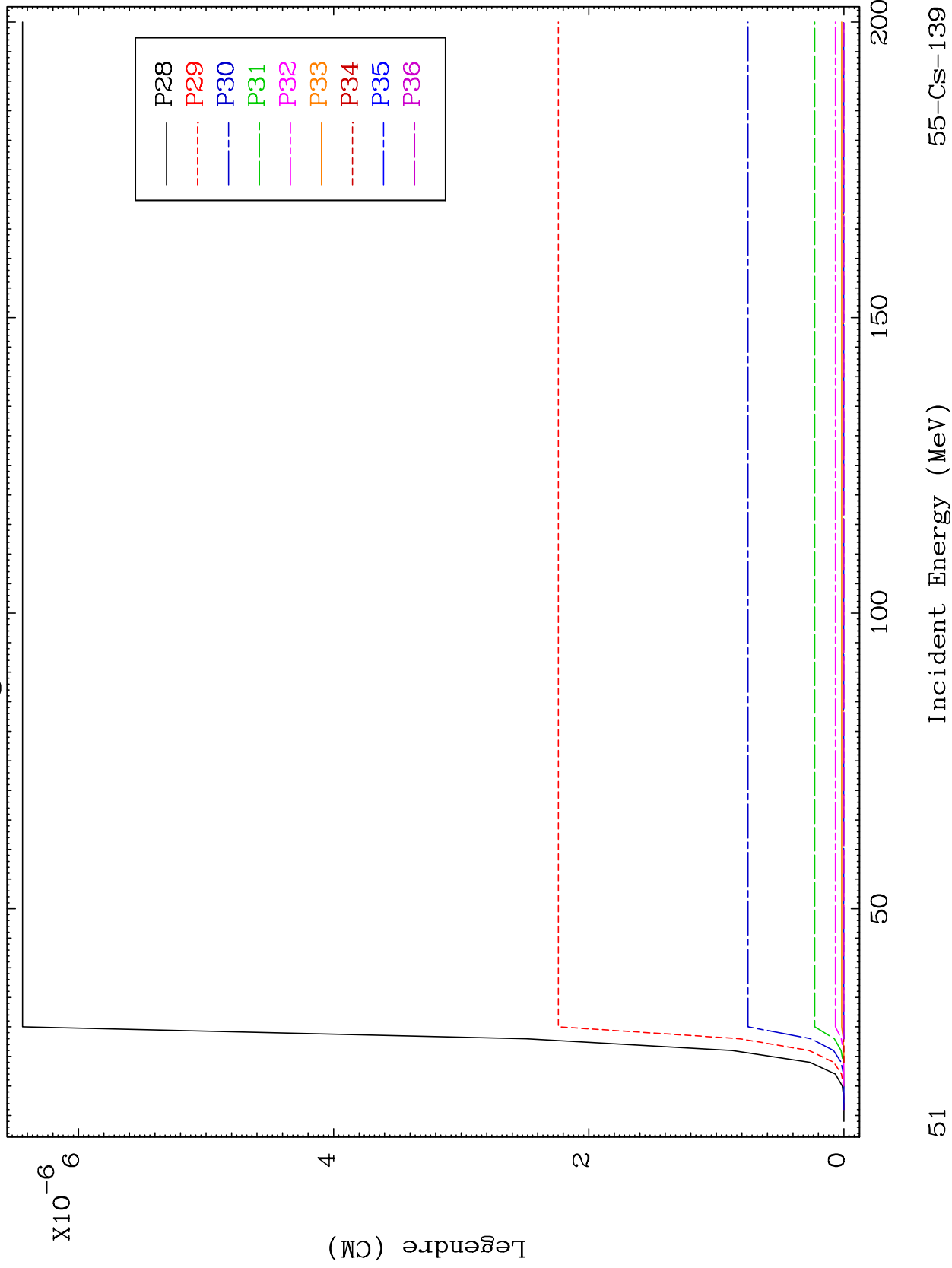
55-Cs-139



MAT 5543

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

55-Cs-139

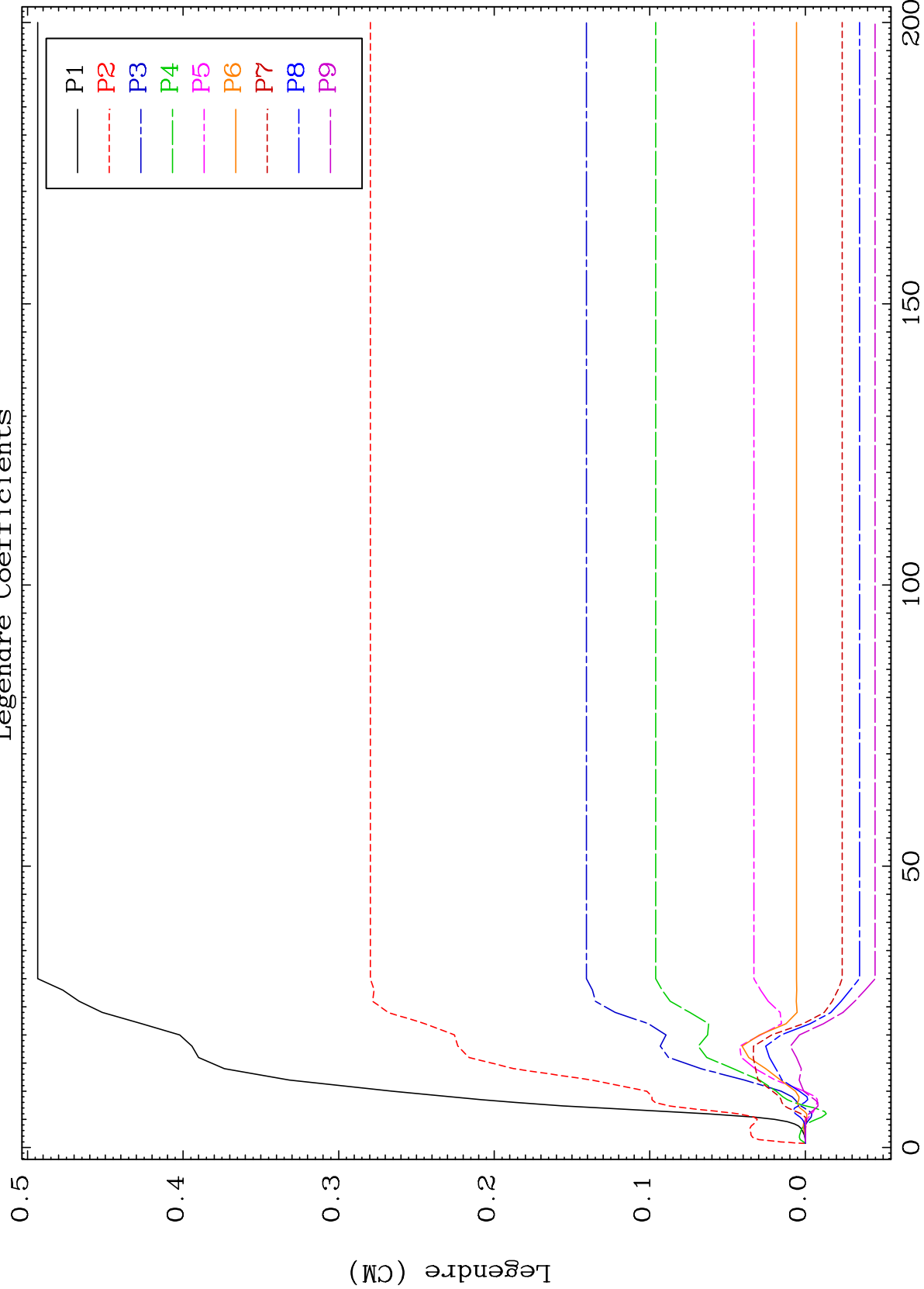


MAT 5543

MT= 59 (n,n') Level

55-Cs-139

Legendre Coefficients



55-Cs-139

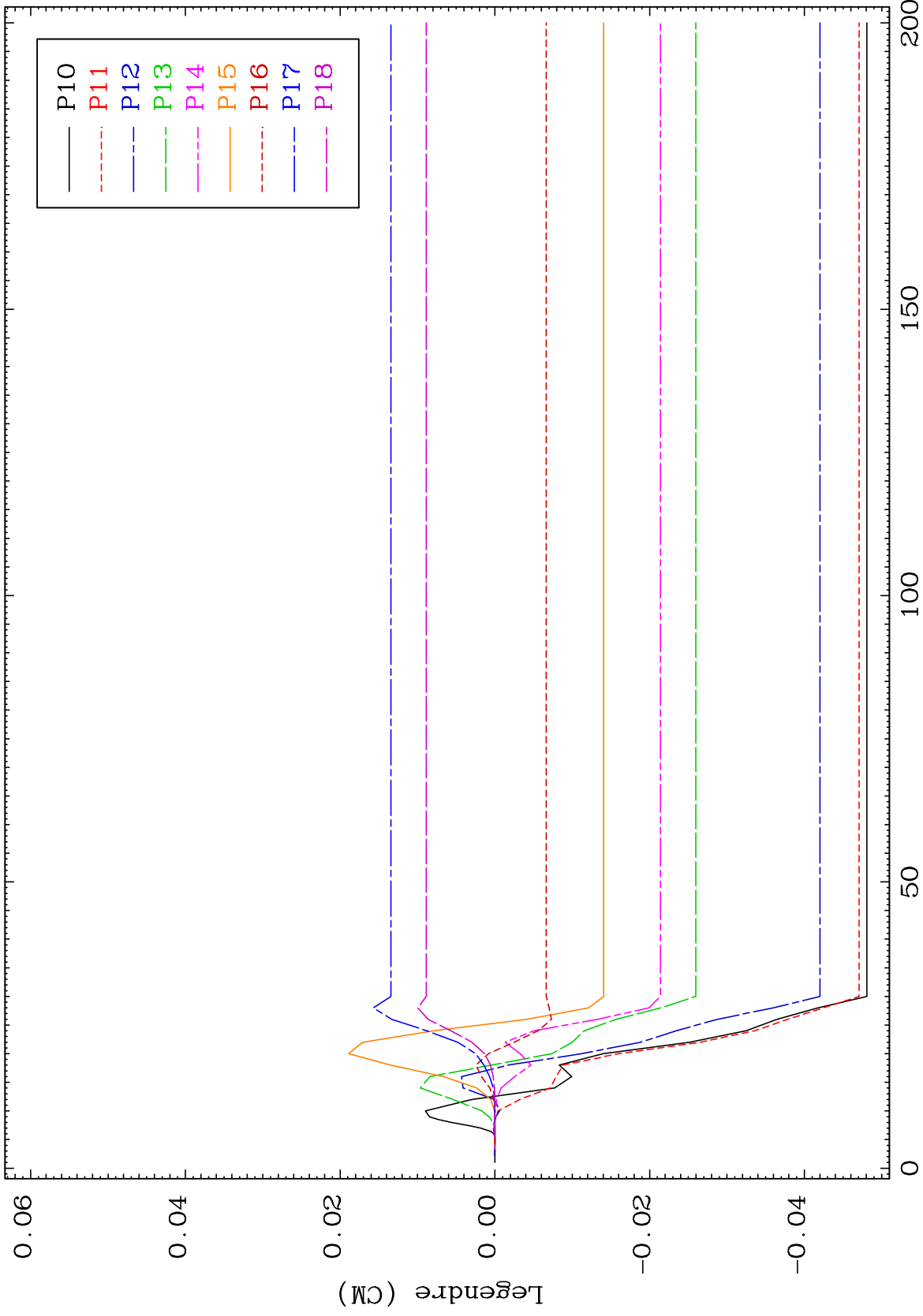
Incident Energy (MeV)

52

MAT 5543

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

55-Cs-139



53

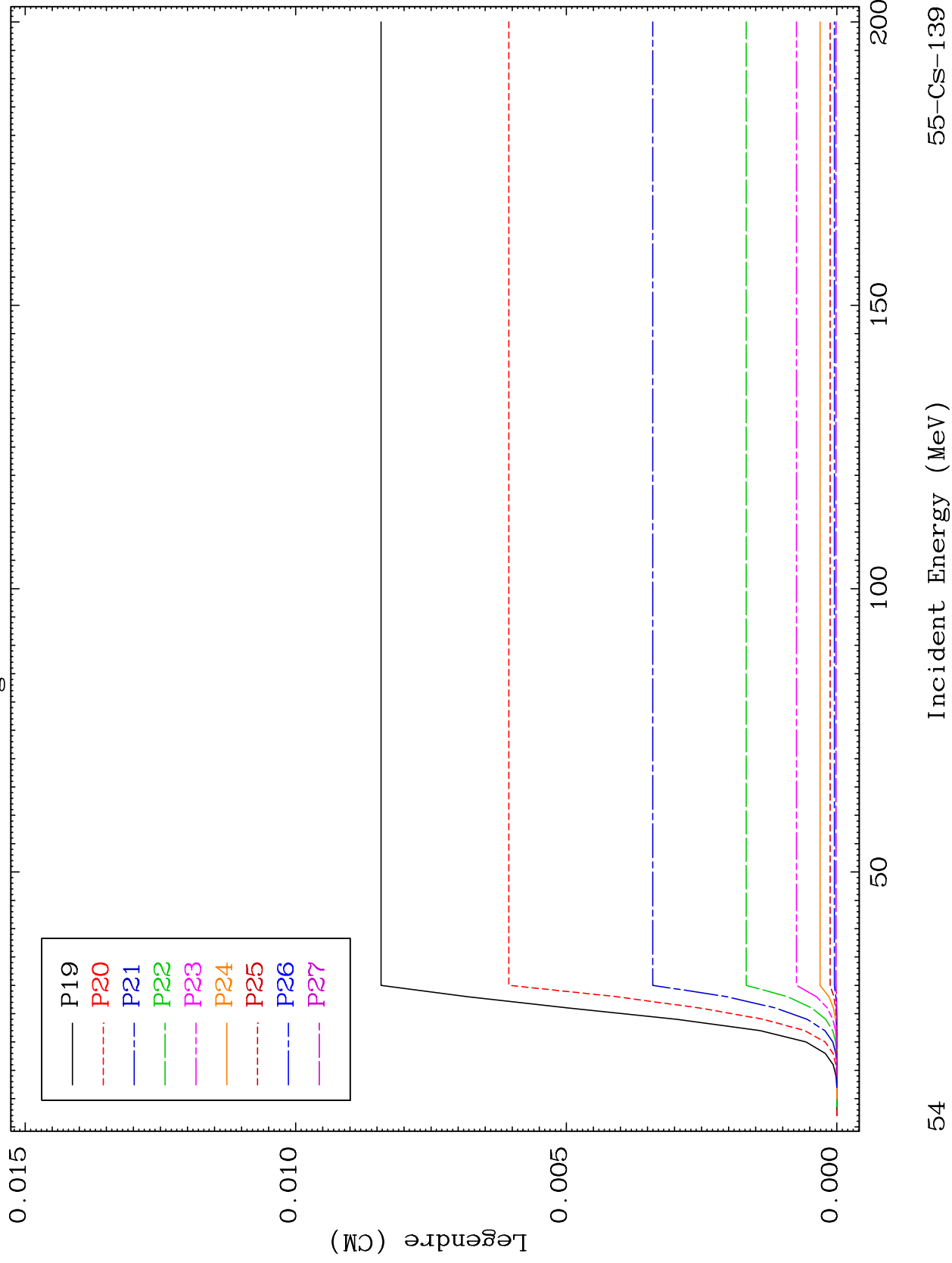
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



54

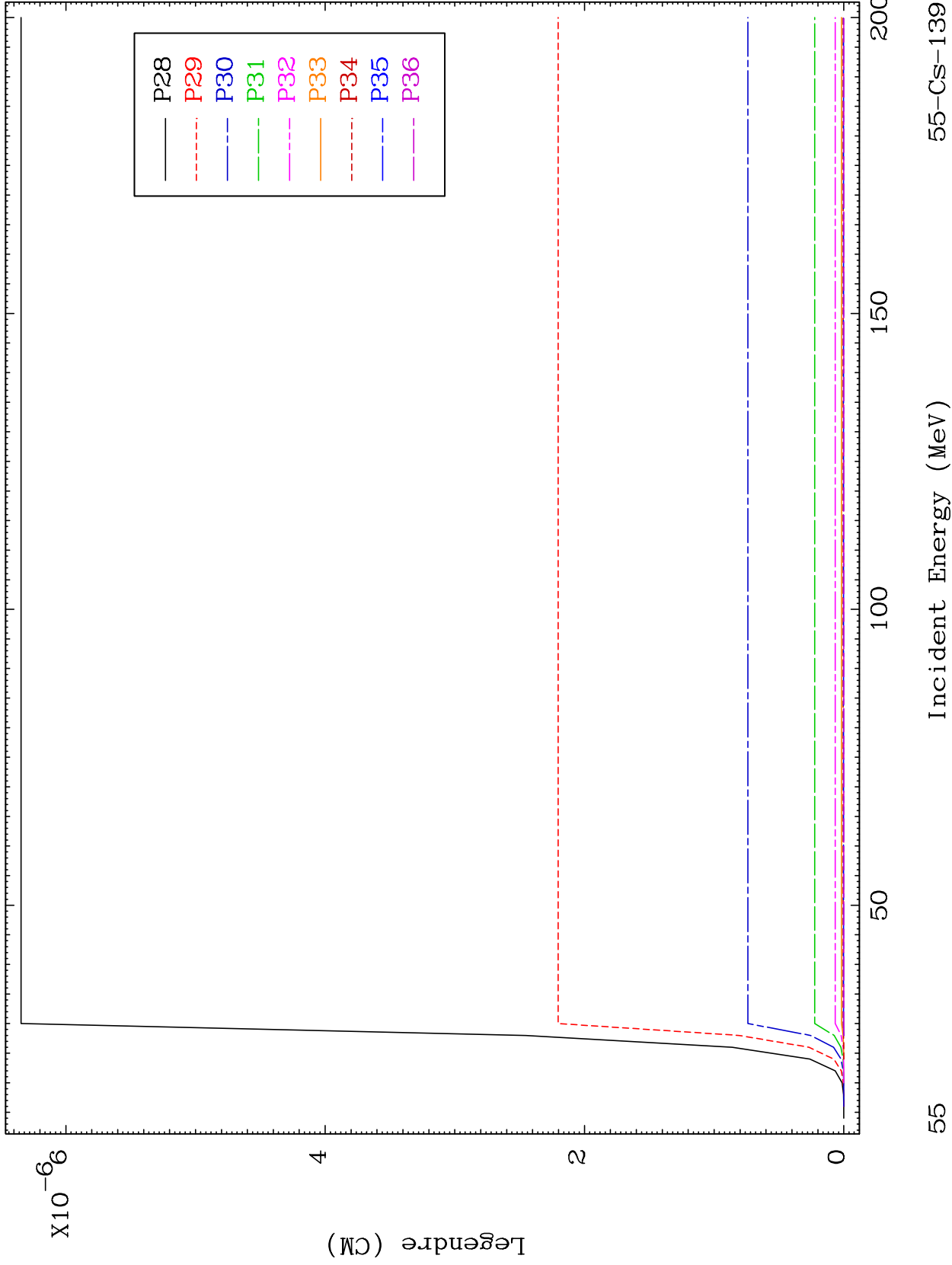
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



55

Incident Energy (MeV)

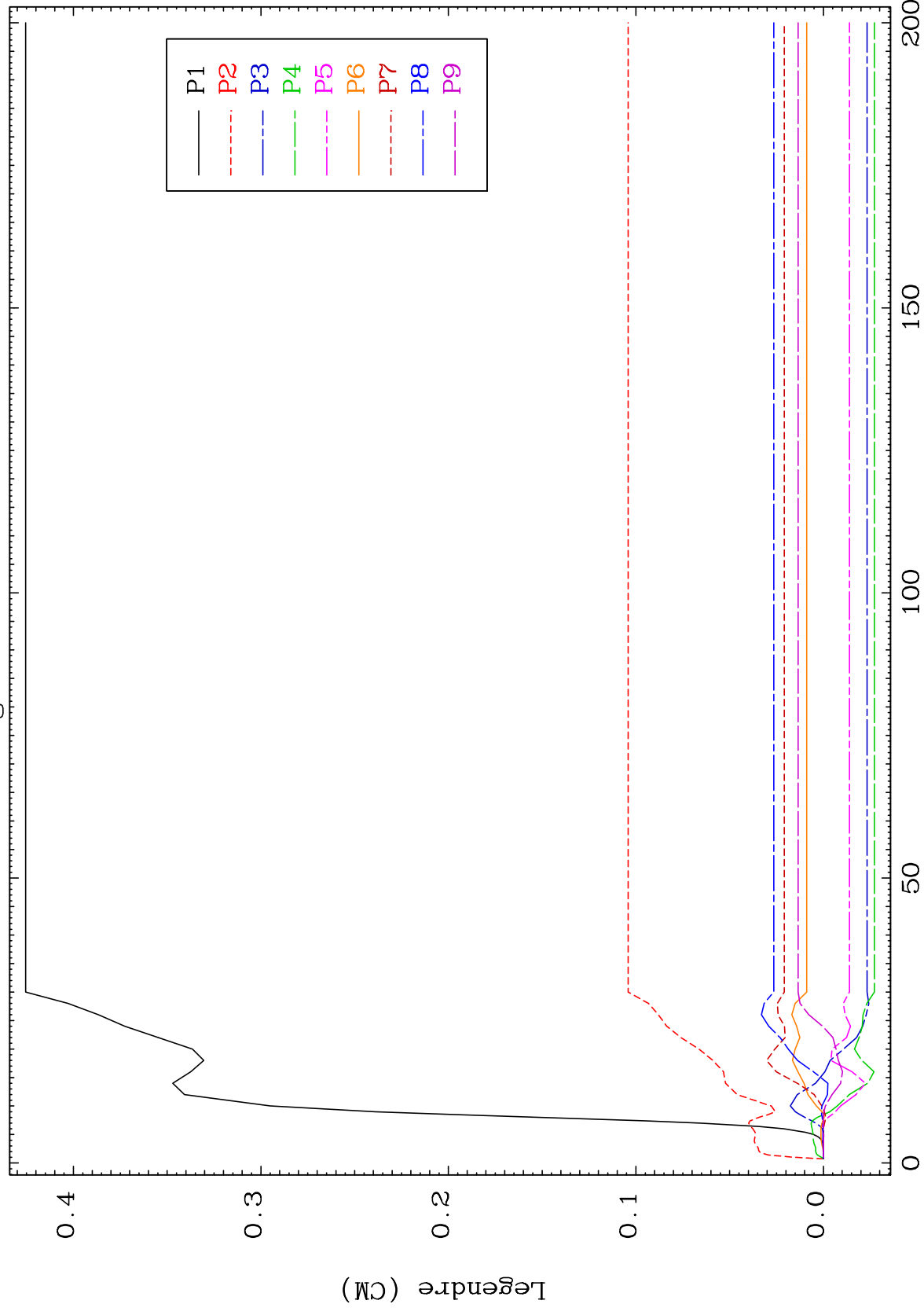
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

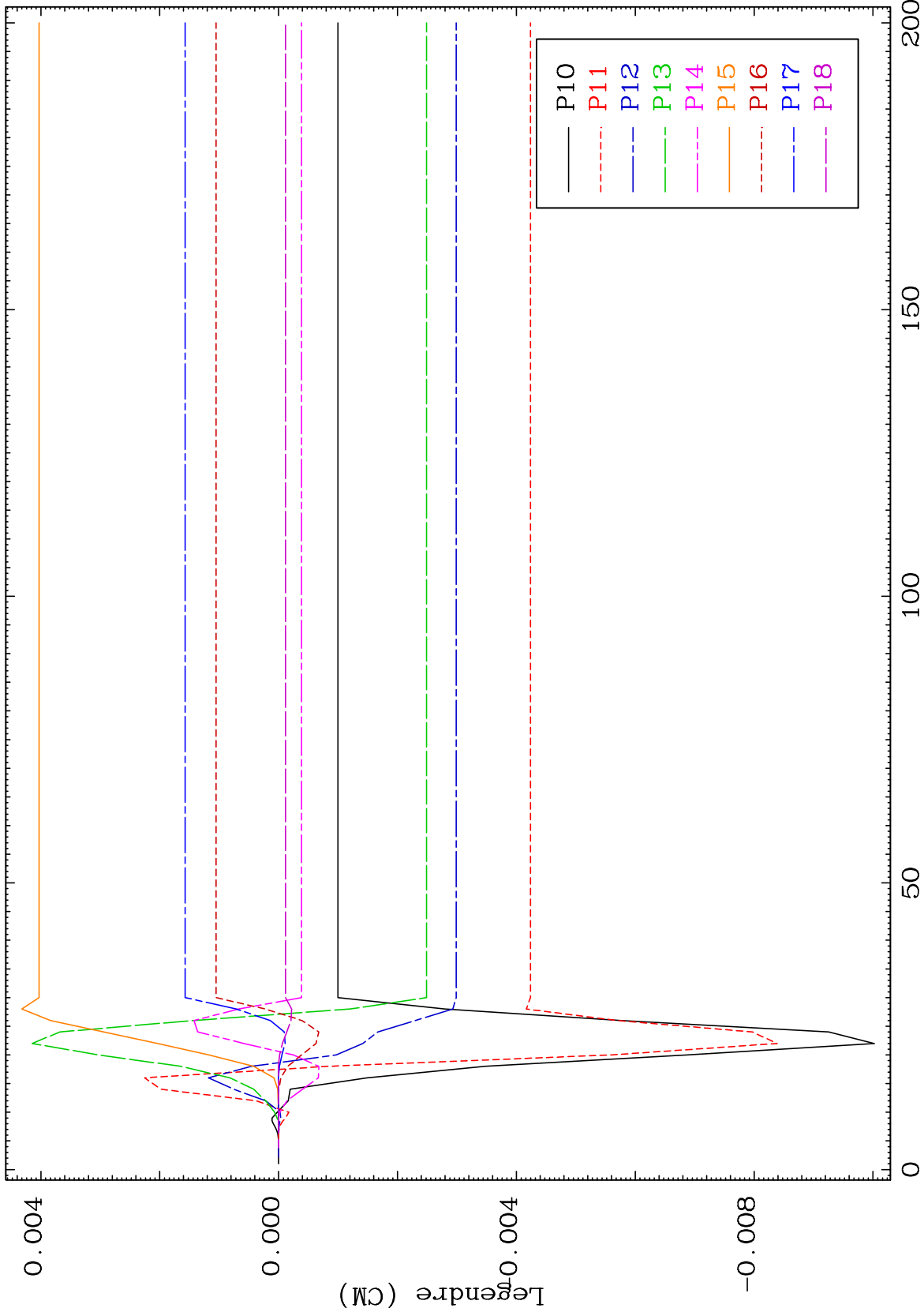
Incident Energy (MeV)

56

MAT 5543

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

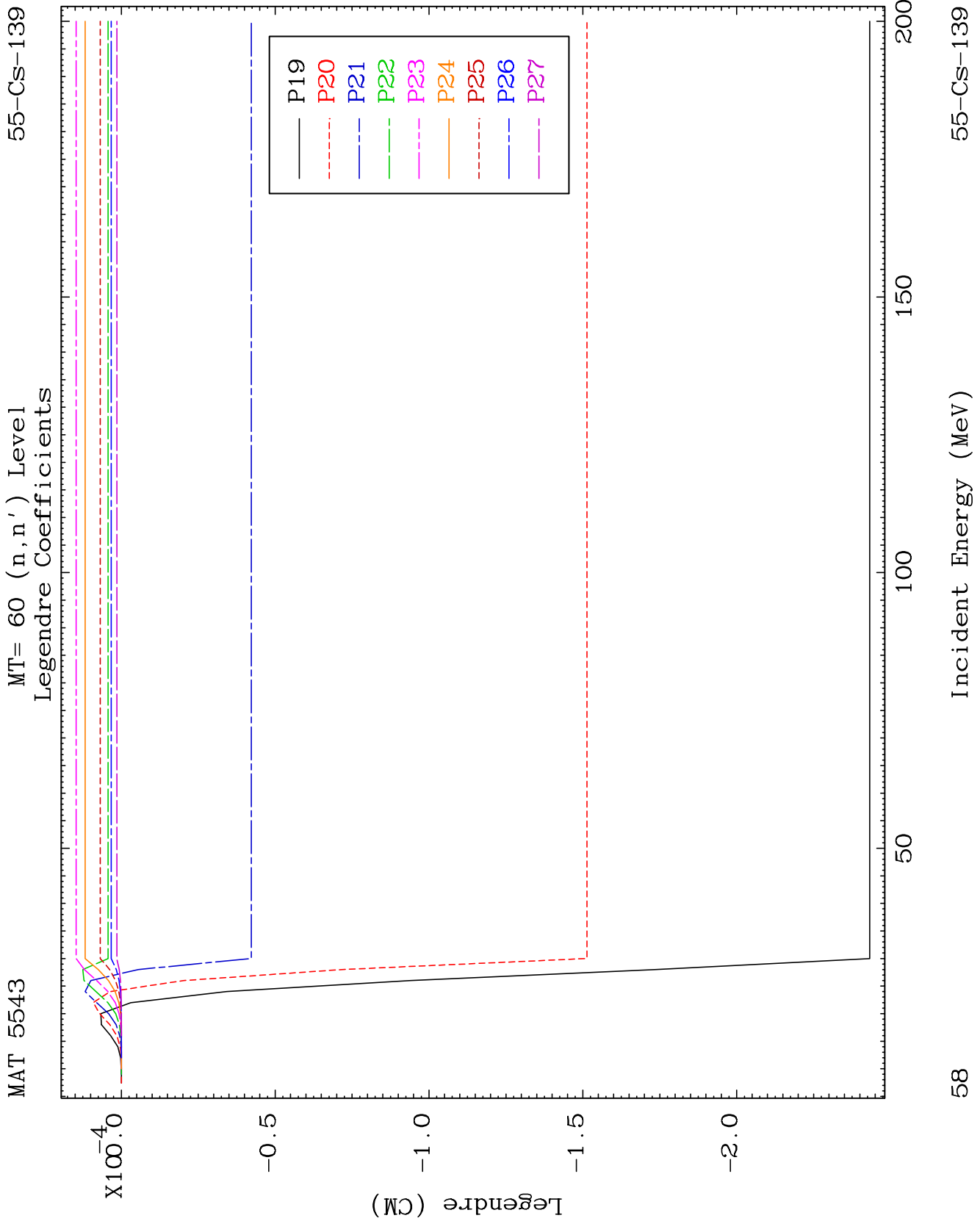
55-Cs-139



57

Incident Energy (MeV)

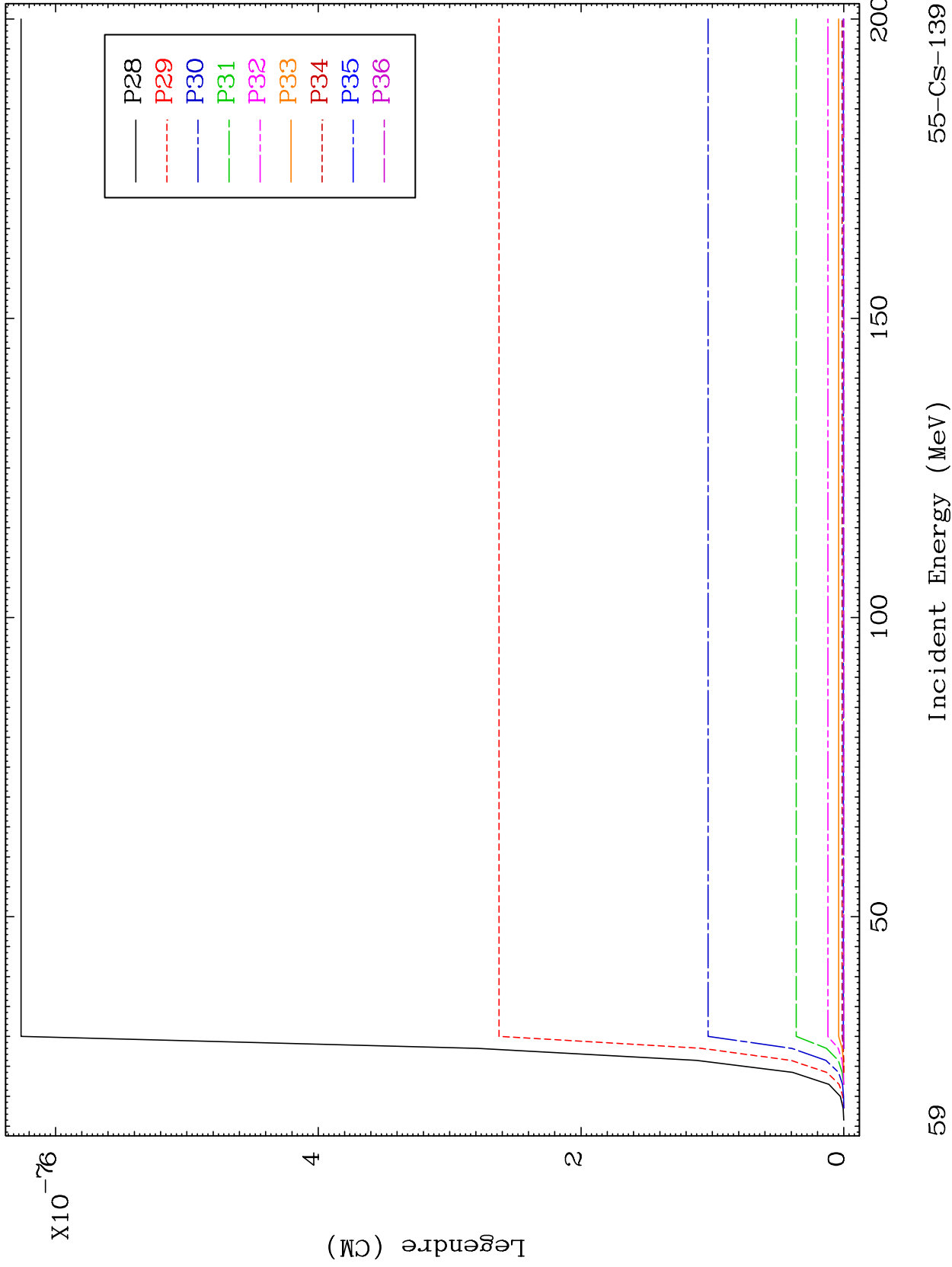
55-Cs-139



MAT 5543

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

55-Cs-139



59

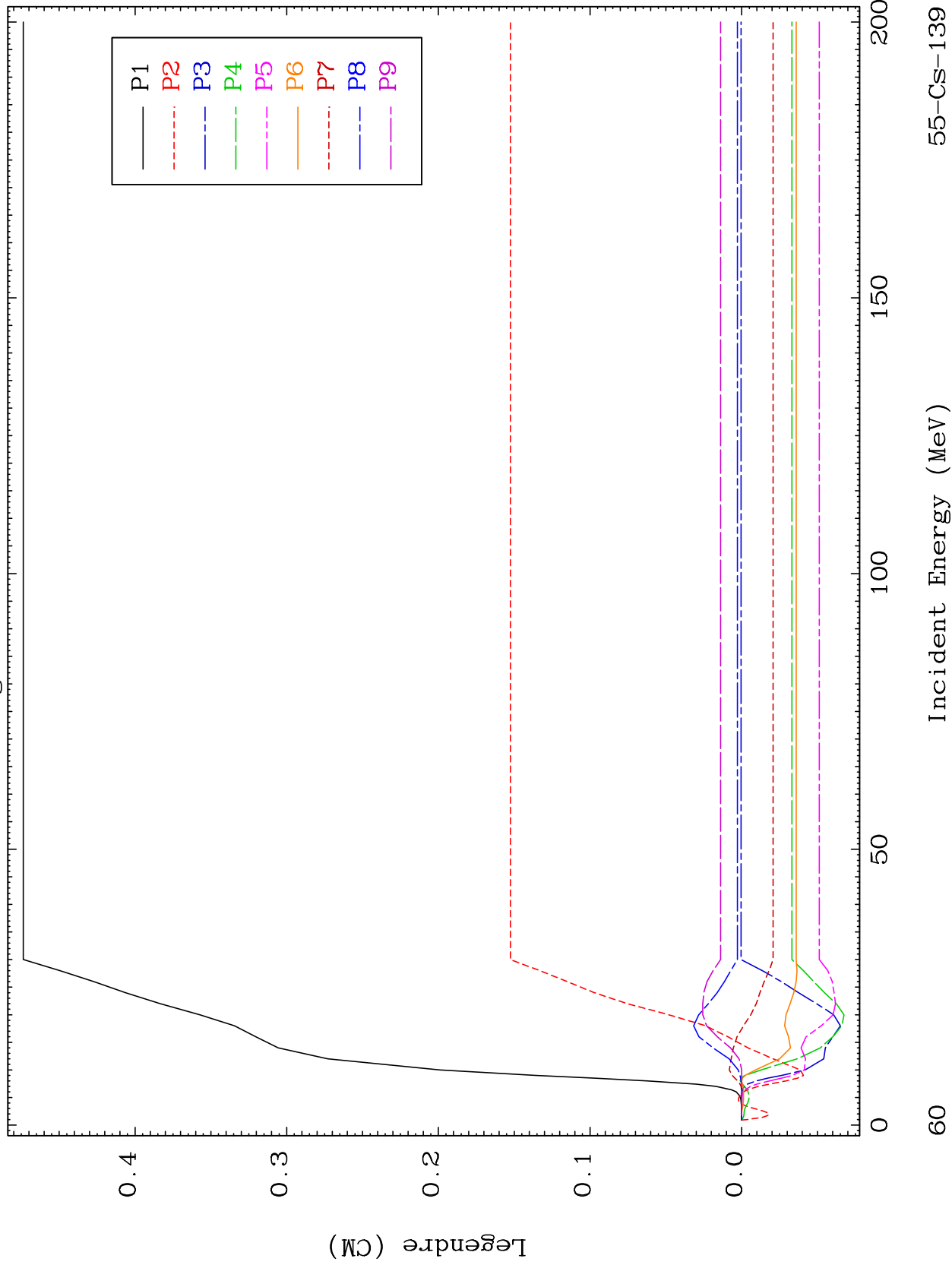
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



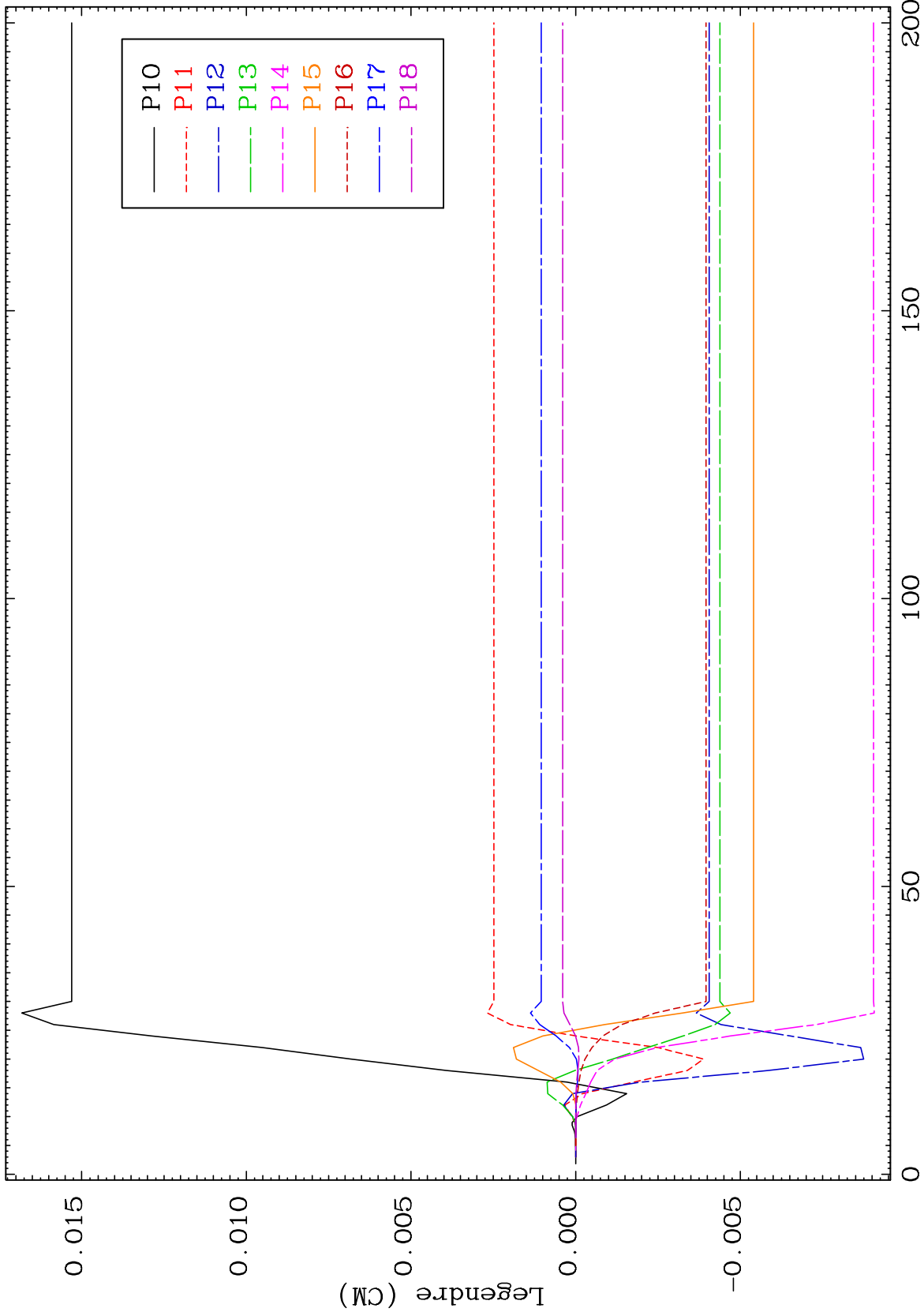
55-Cs-139

Incident Energy (MeV)

MAT 5543

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

55-Cs-139



61

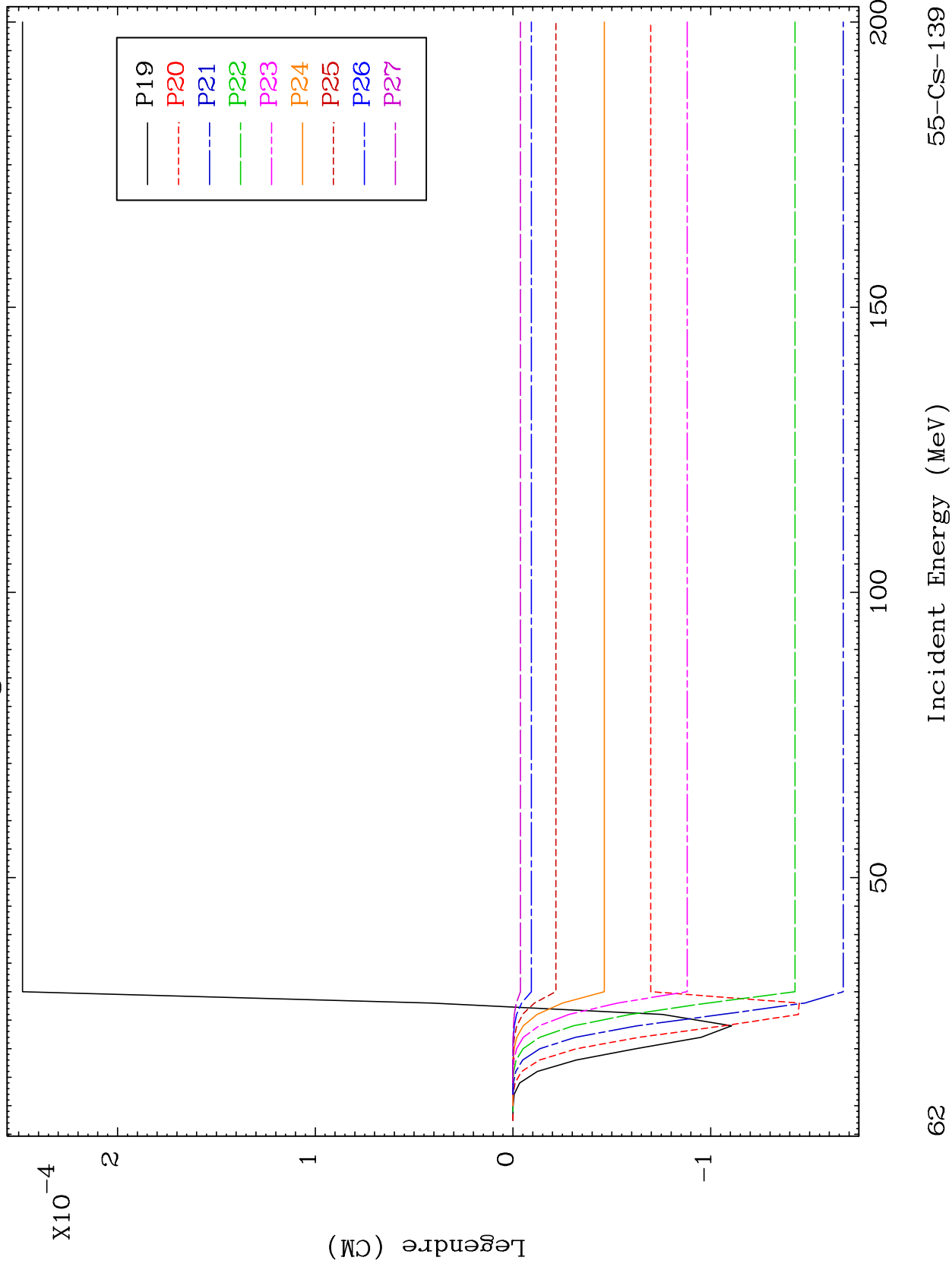
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



62

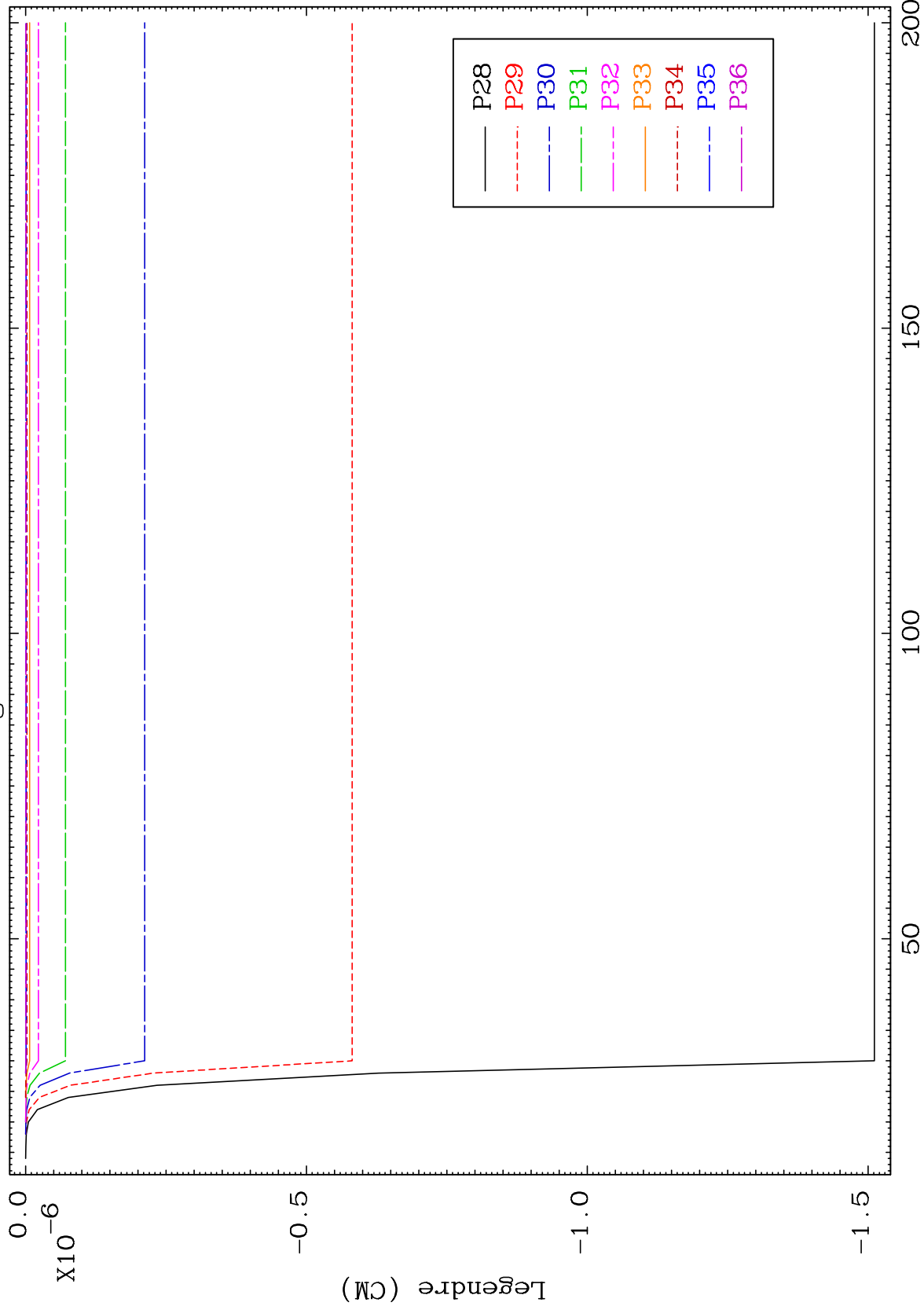
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



55-Cs-139

Incident Energy (MeV)

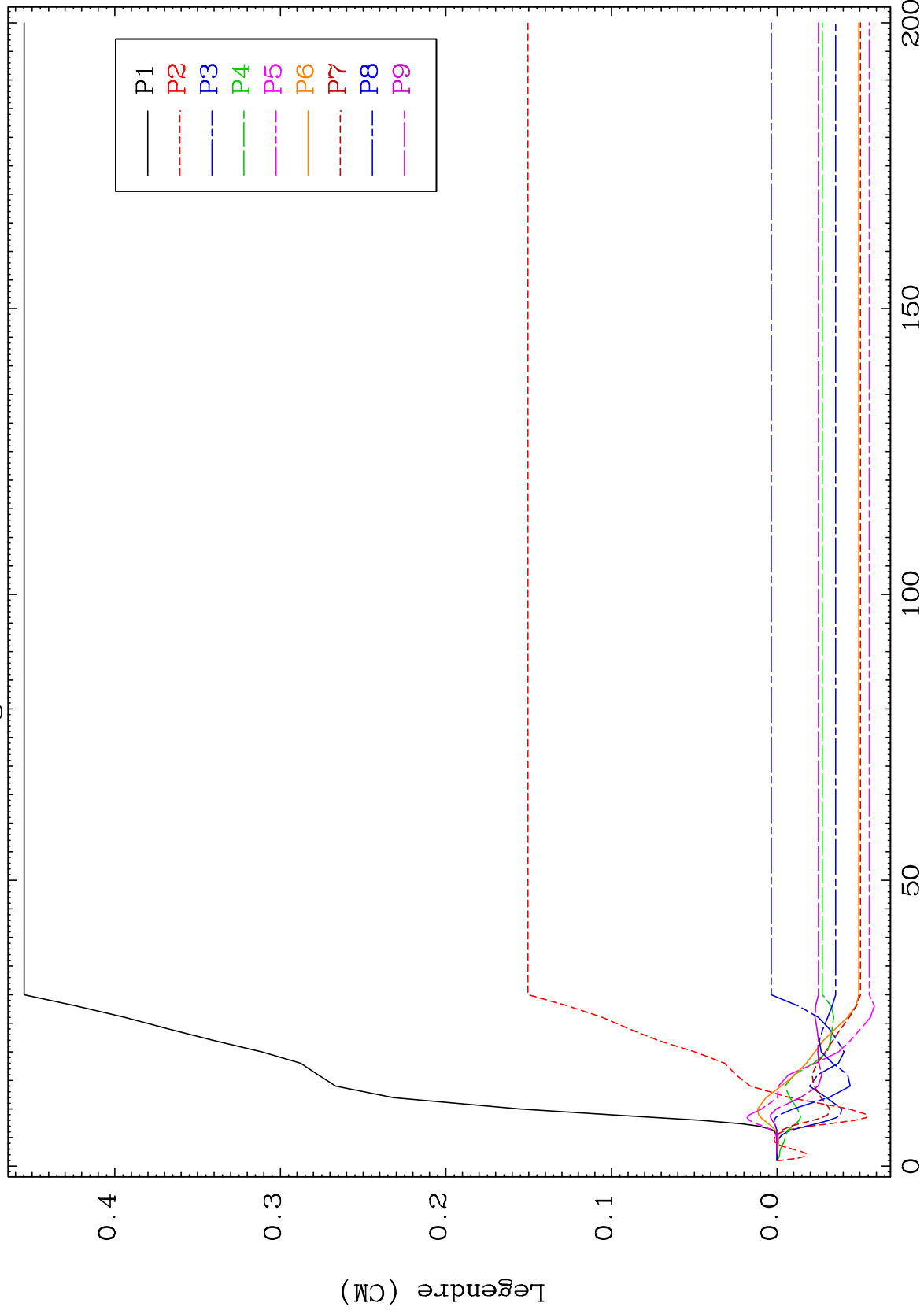
63



MAT 5543

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

55-Cs-139



55-Cs-139

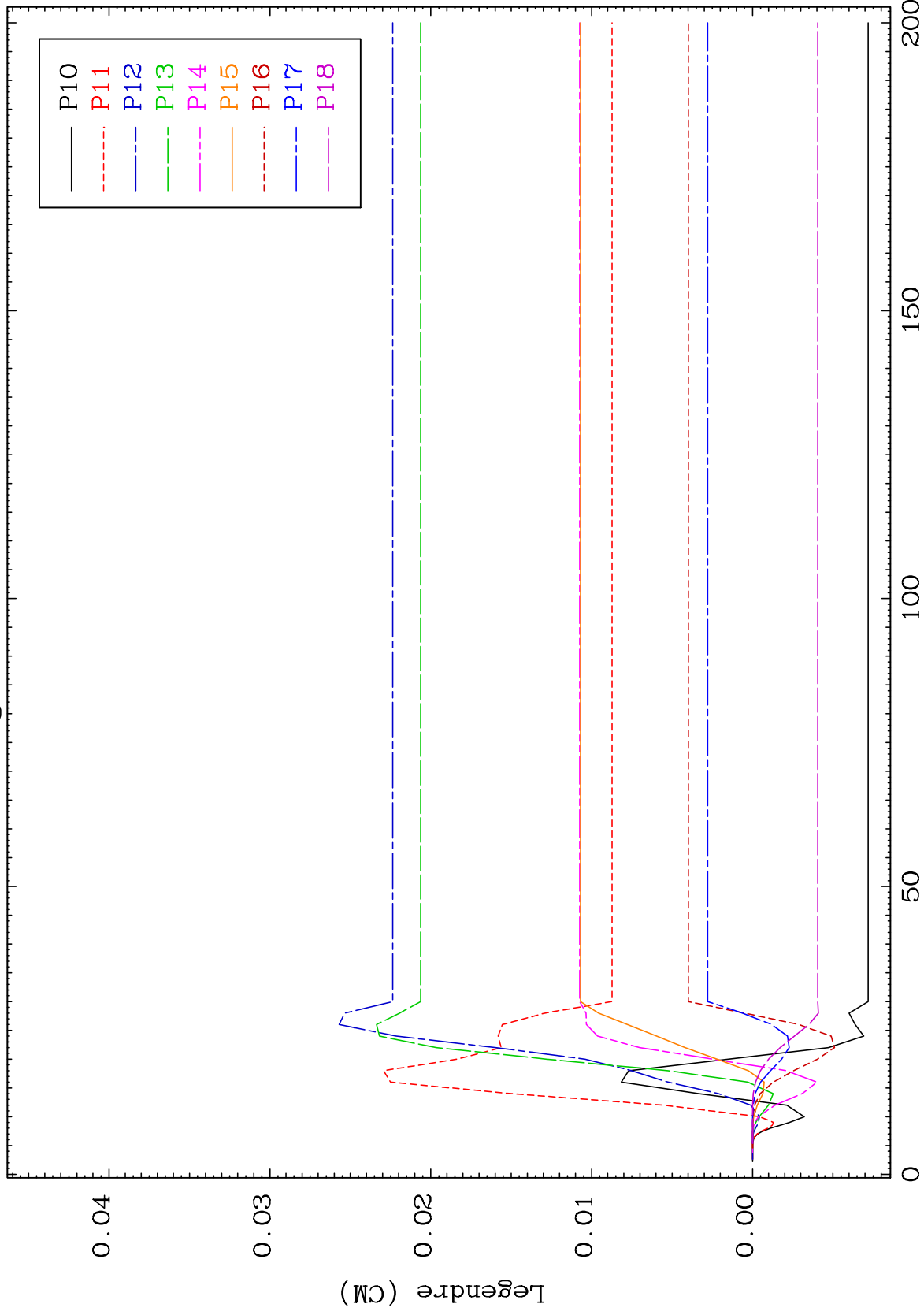
Incident Energy (MeV)

64

MAT 5543

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

55-Cs-139



65

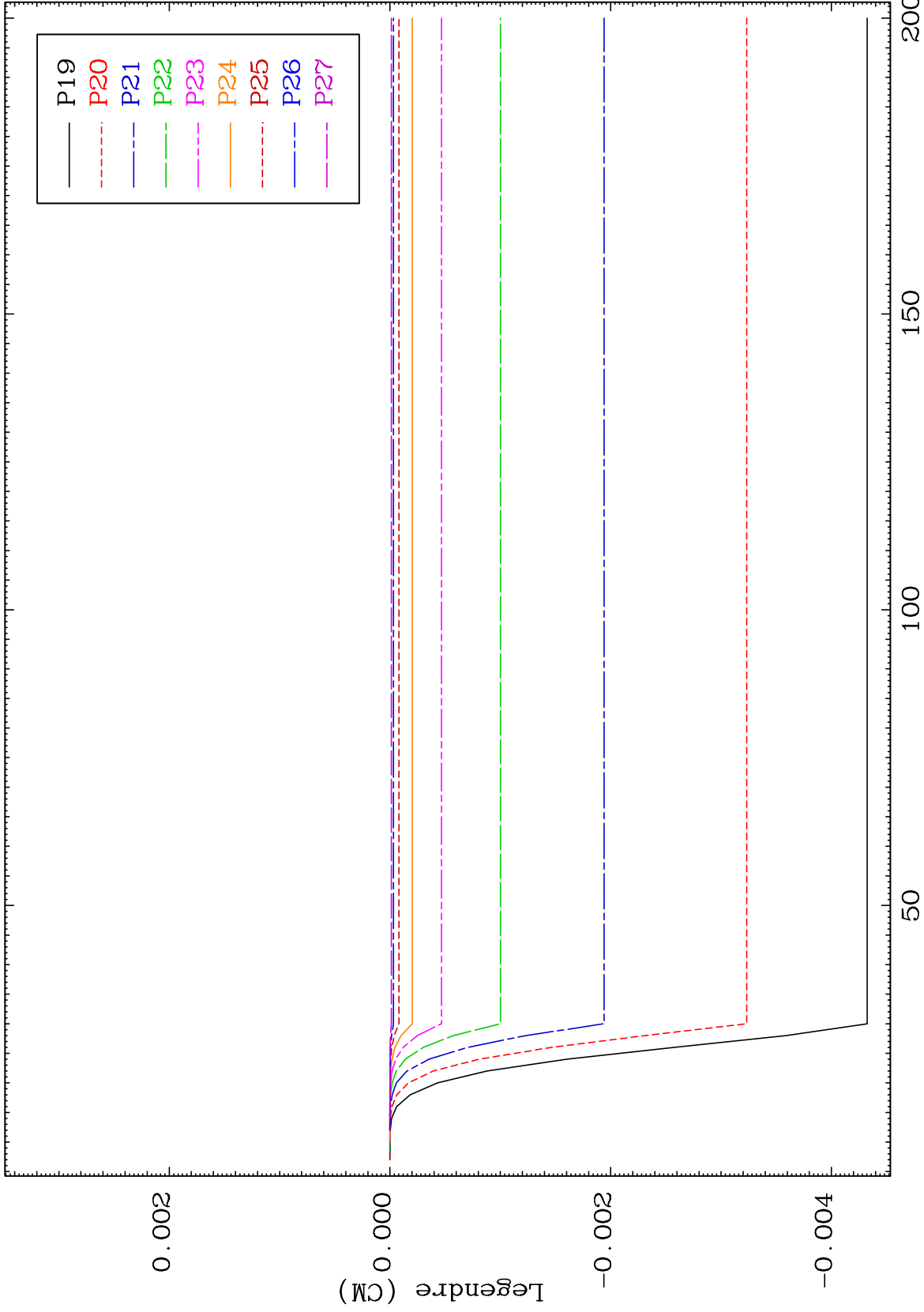
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

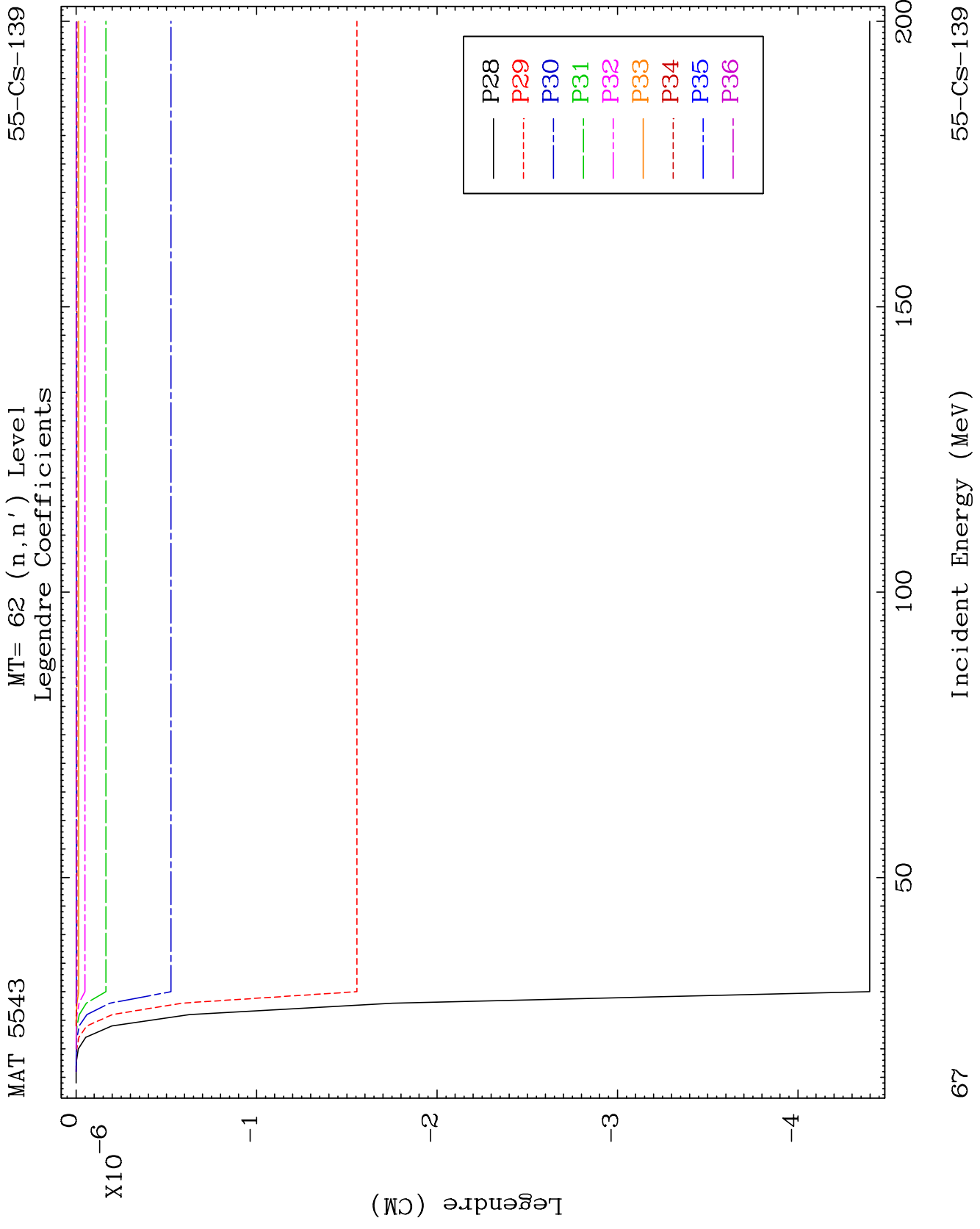
55-Cs-139



66

Incident Energy (MeV)

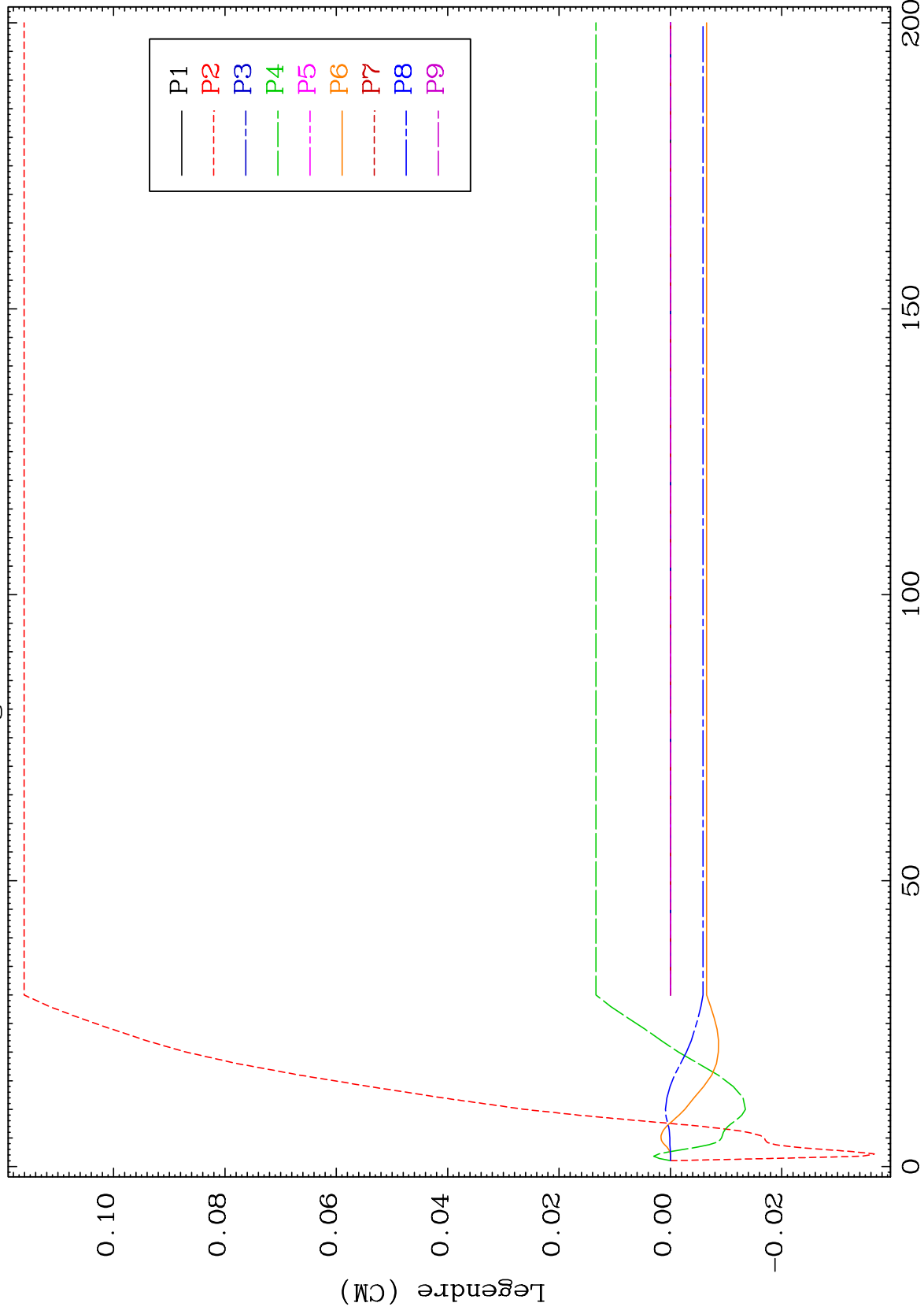
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

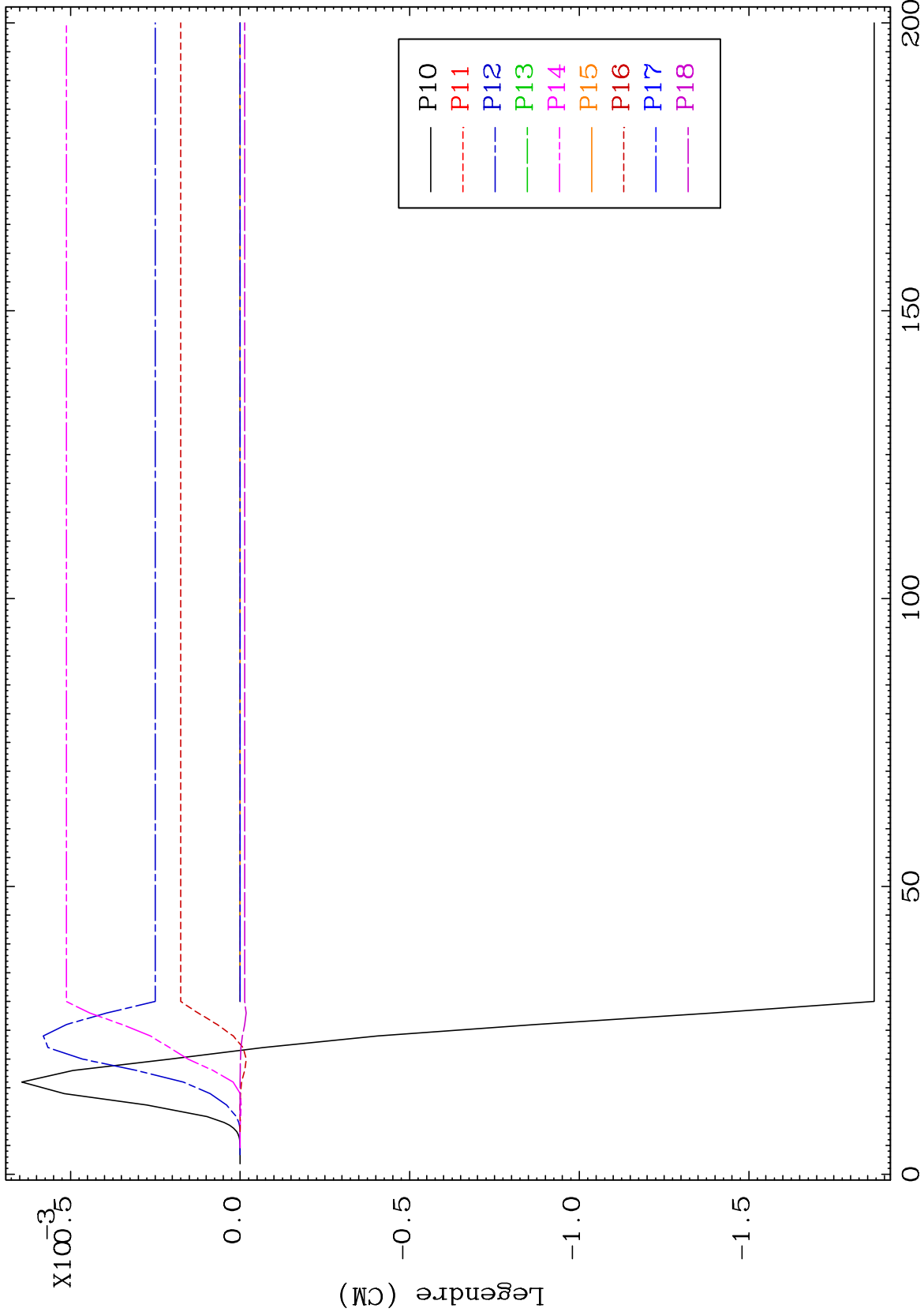
Incident Energy (MeV)

68

MAT 5543

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

55-Cs-139



69

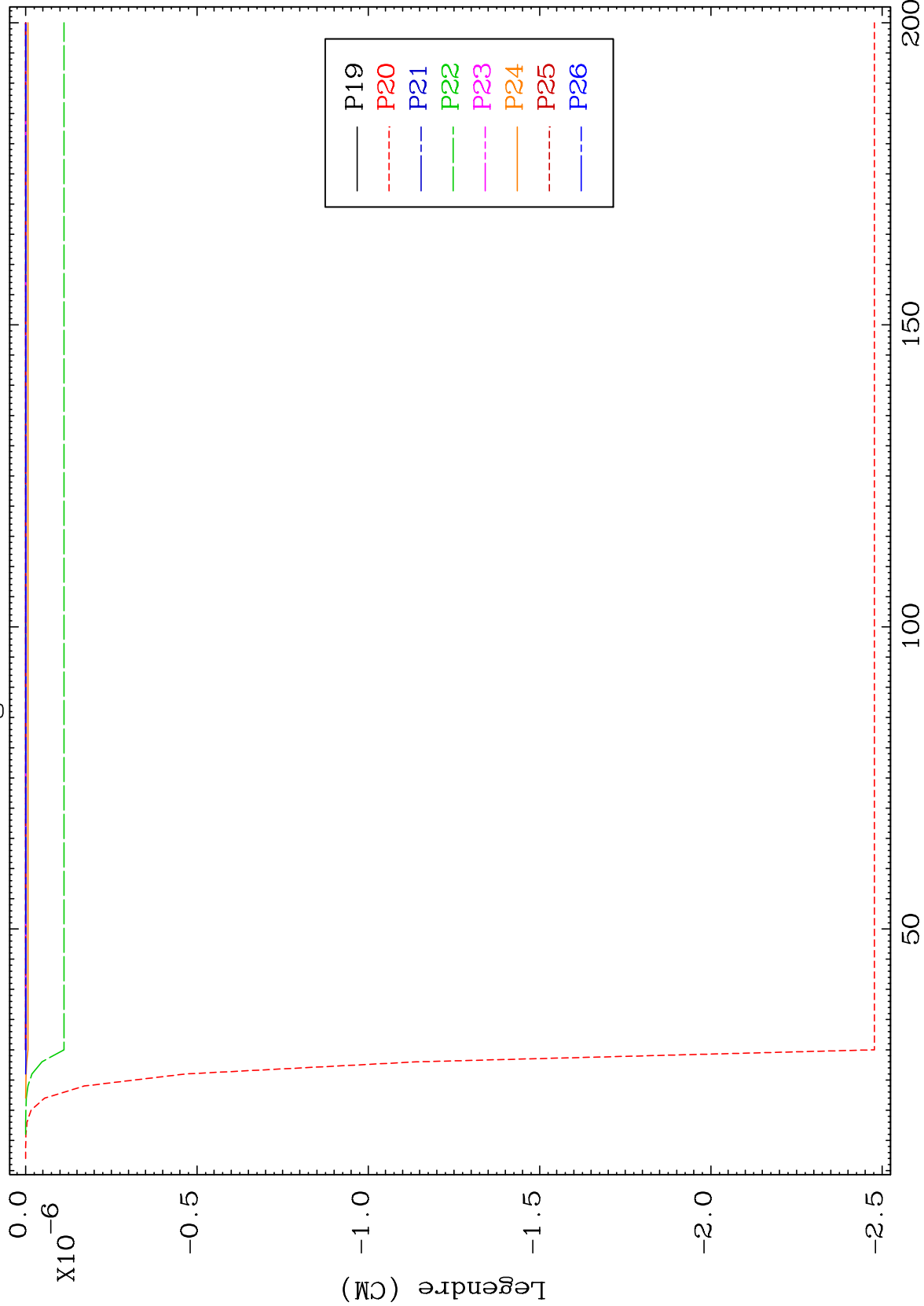
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



55-Cs-139

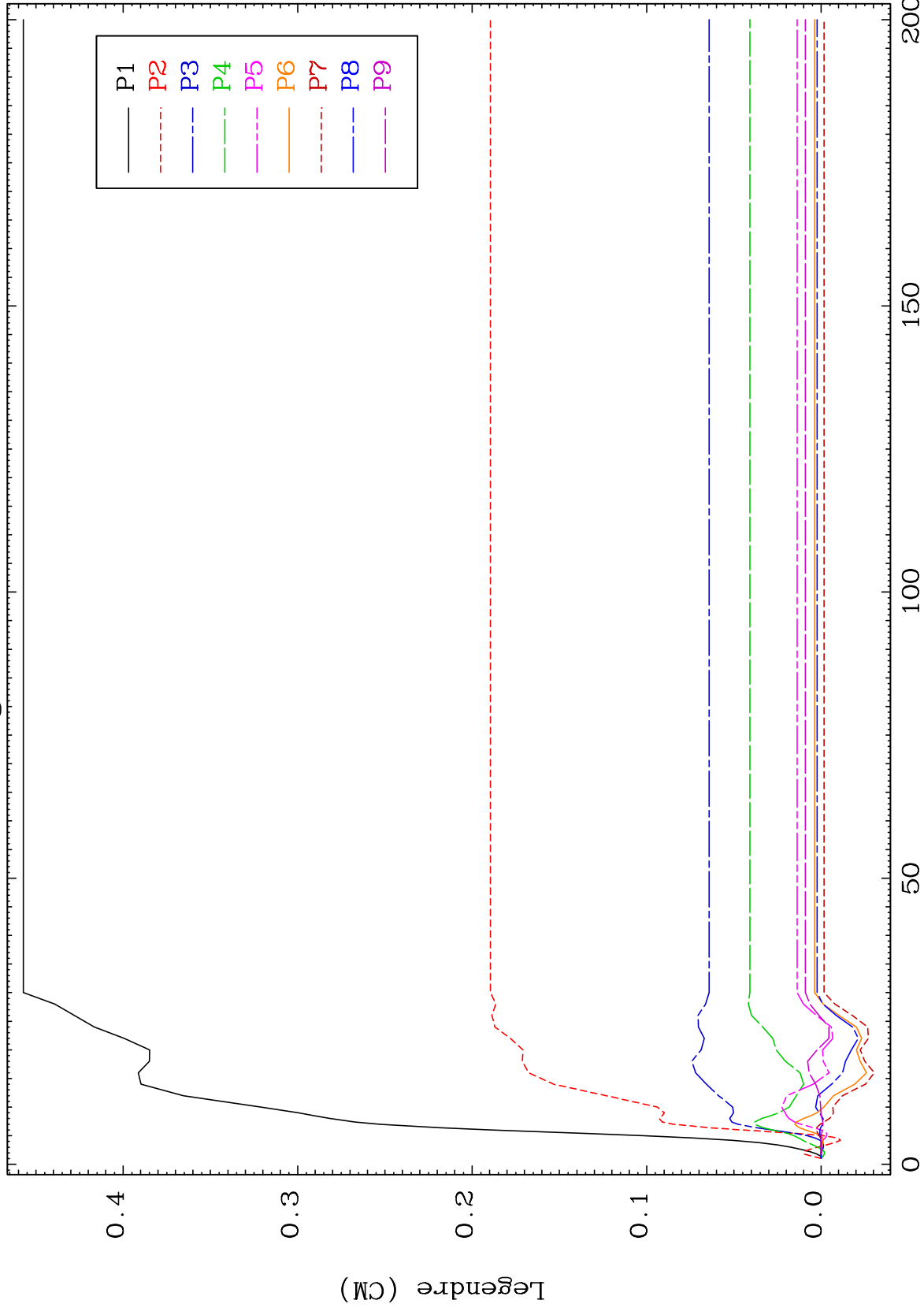
Incident Energy (MeV)

70

MAT 5543

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

55-Cs-139



71

Incident Energy (MeV)

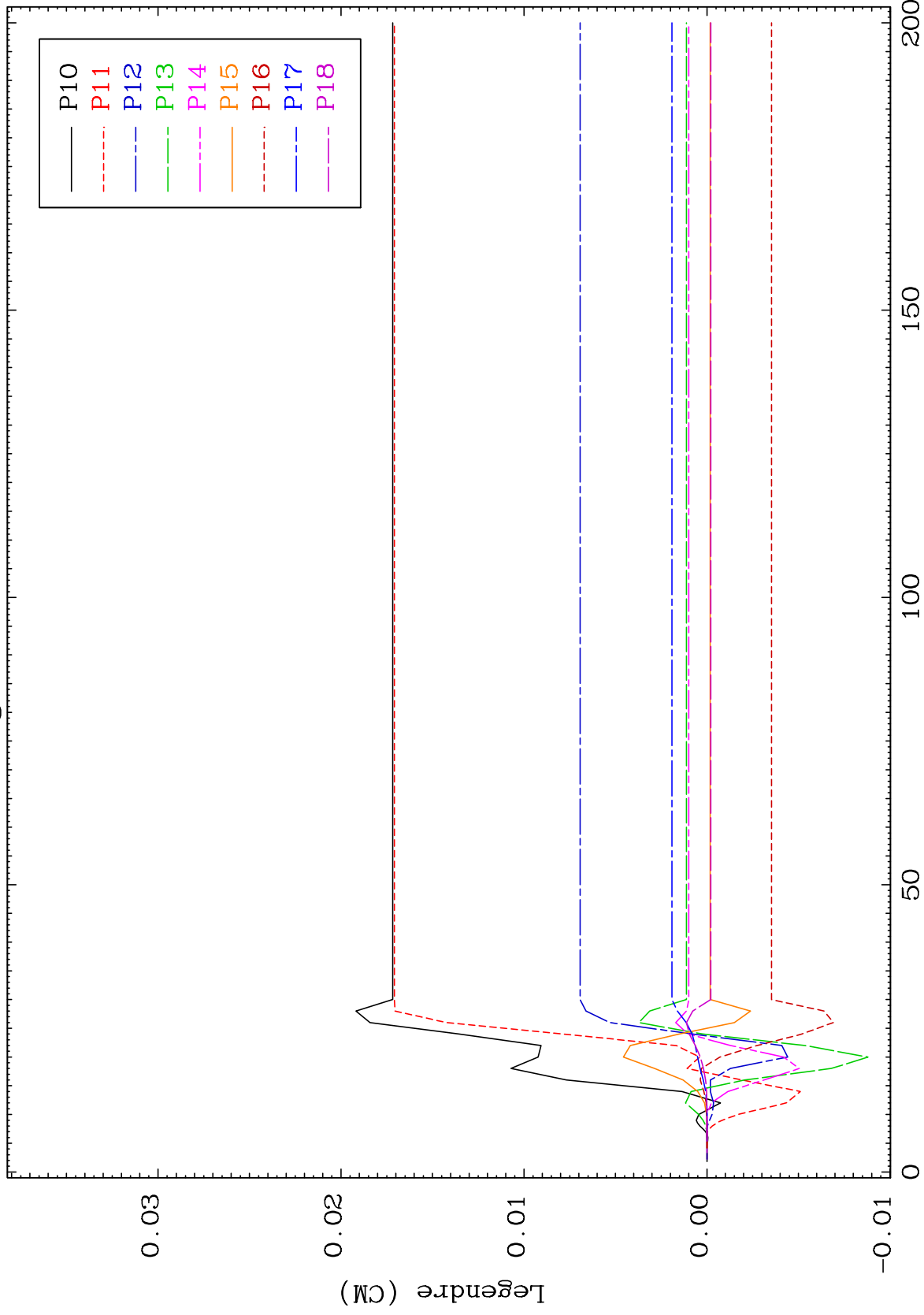
55-Cs-139



MAT 5543

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

55-Cs-139



72

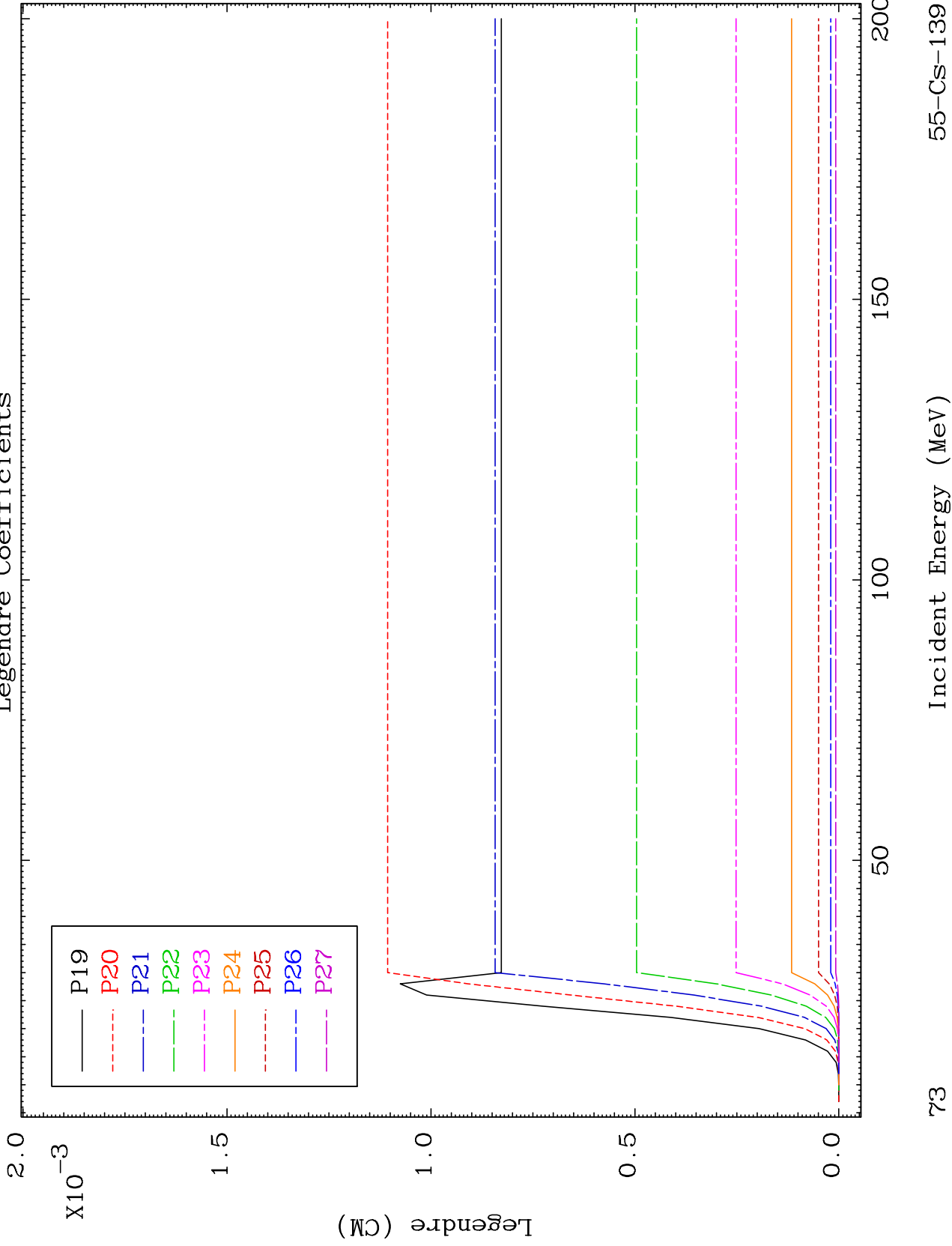
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

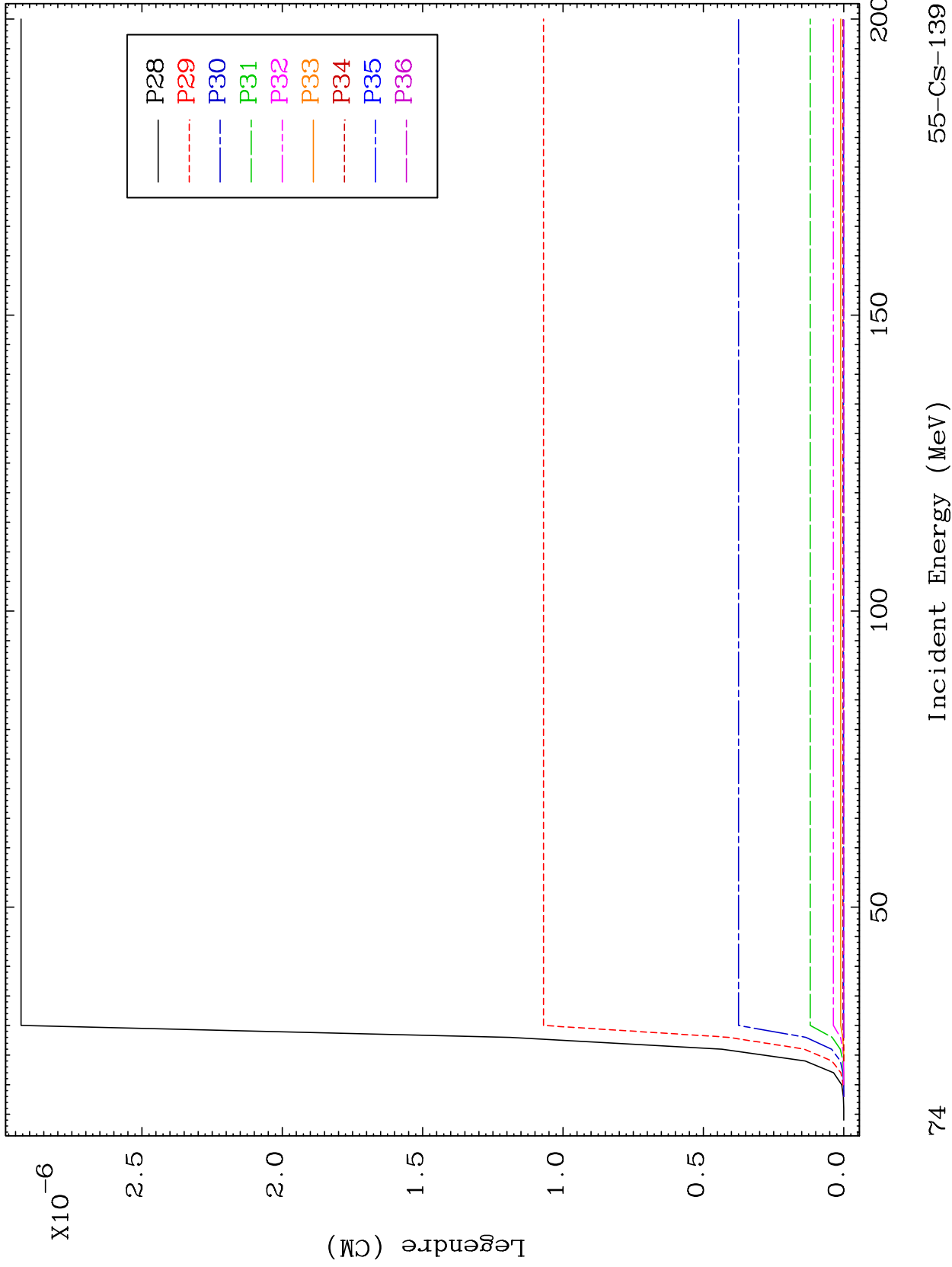
55-Cs-139

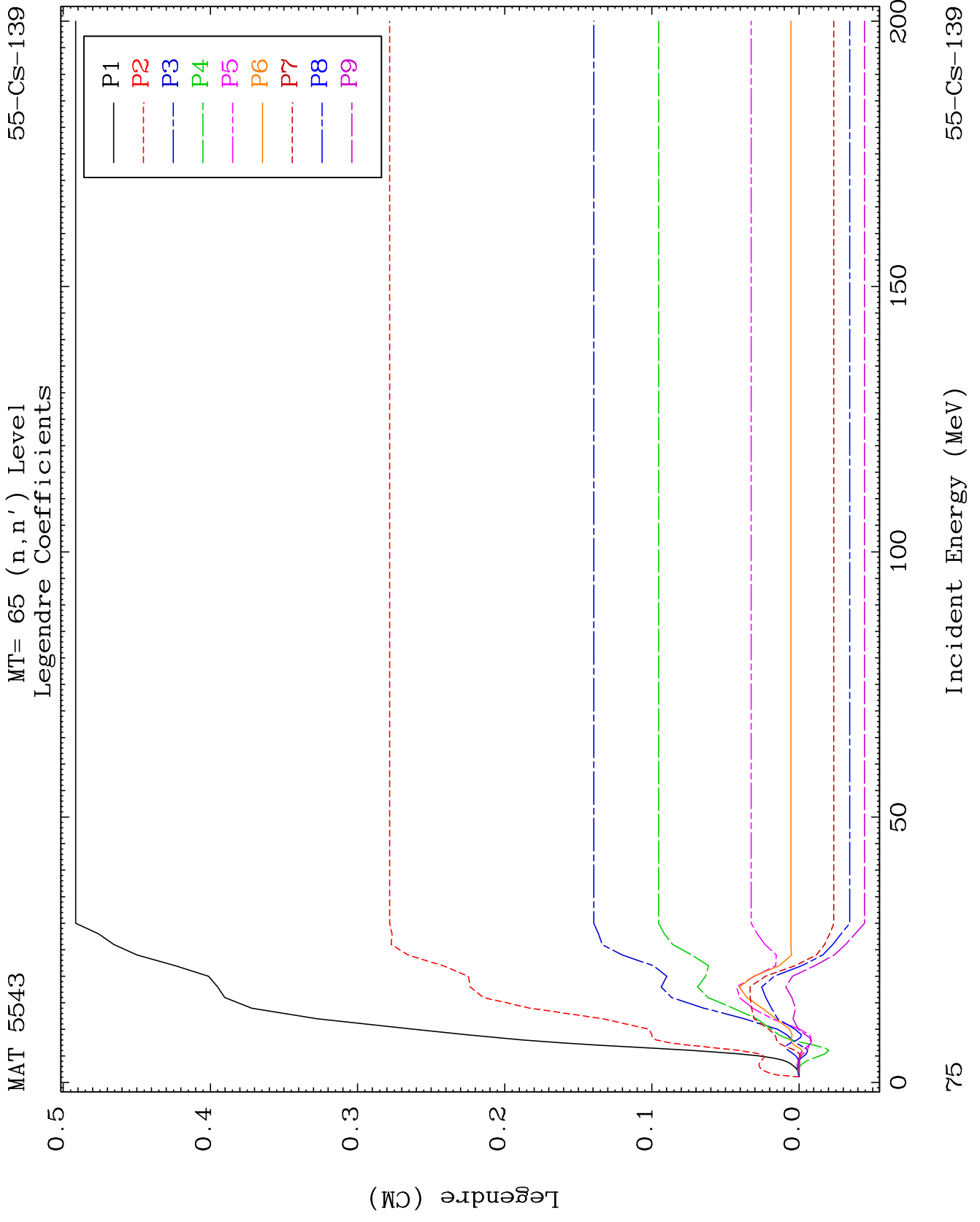


MAT 5543

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

55-Cs-139

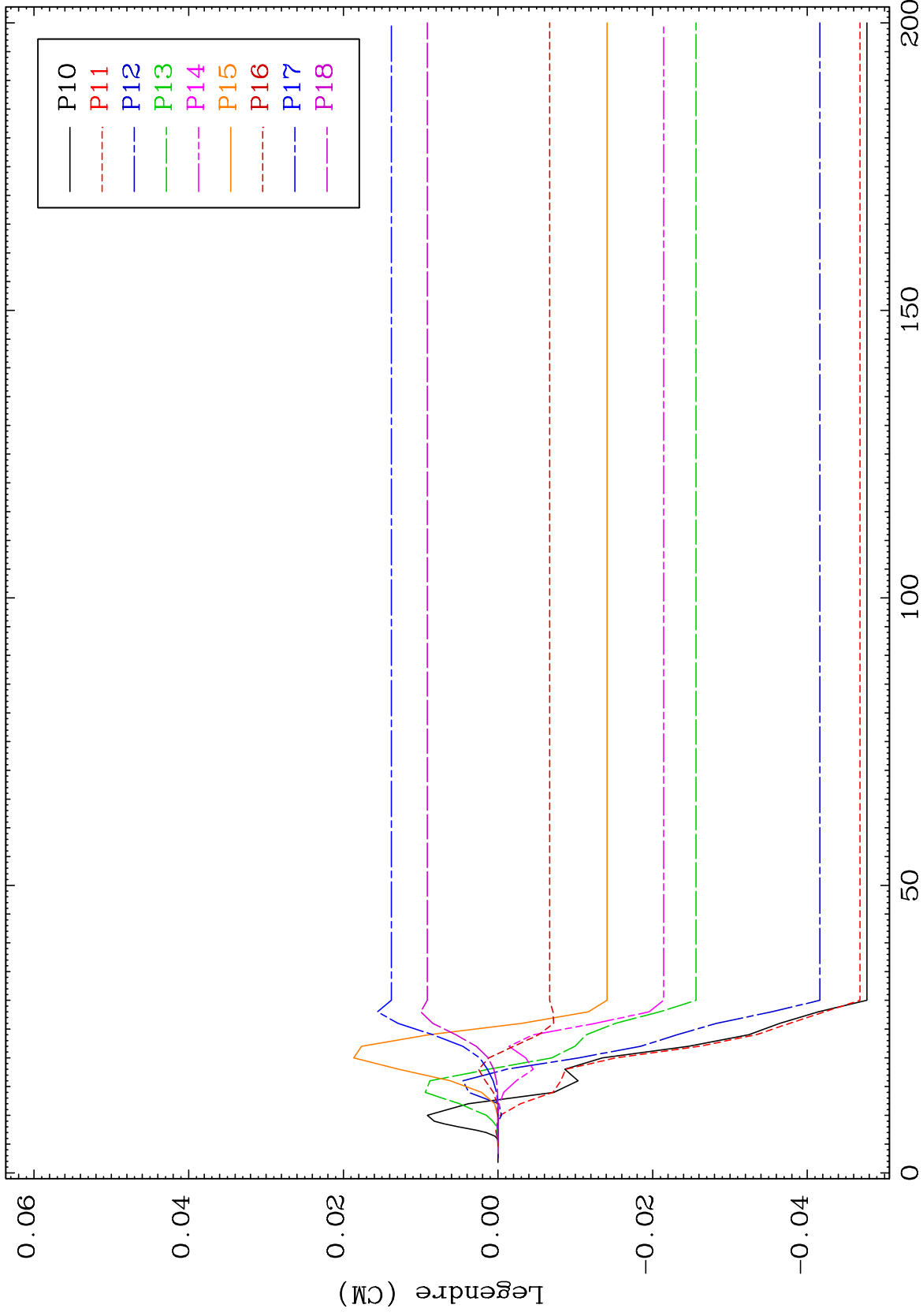




MAT 5543

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

55-Cs-139



76

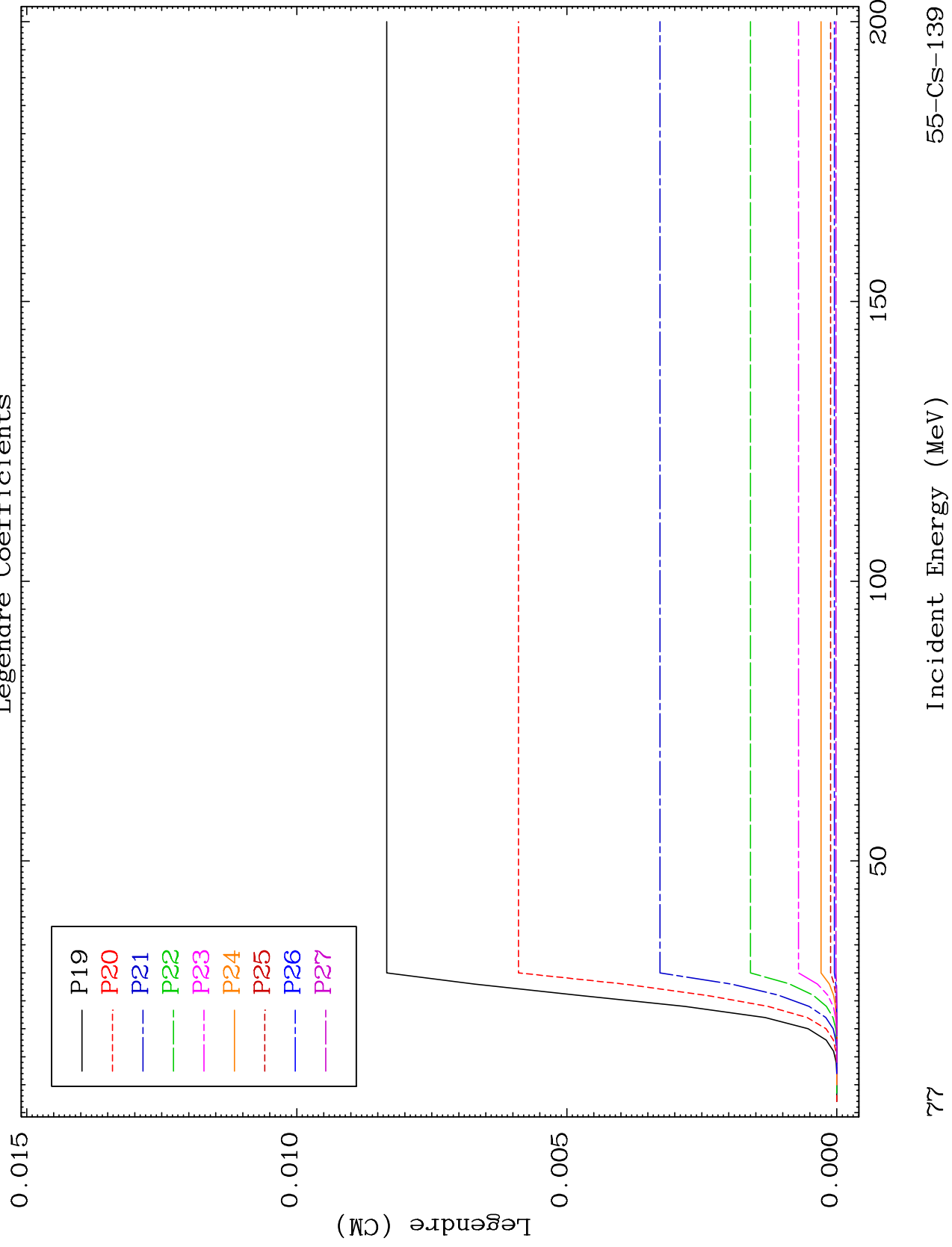
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



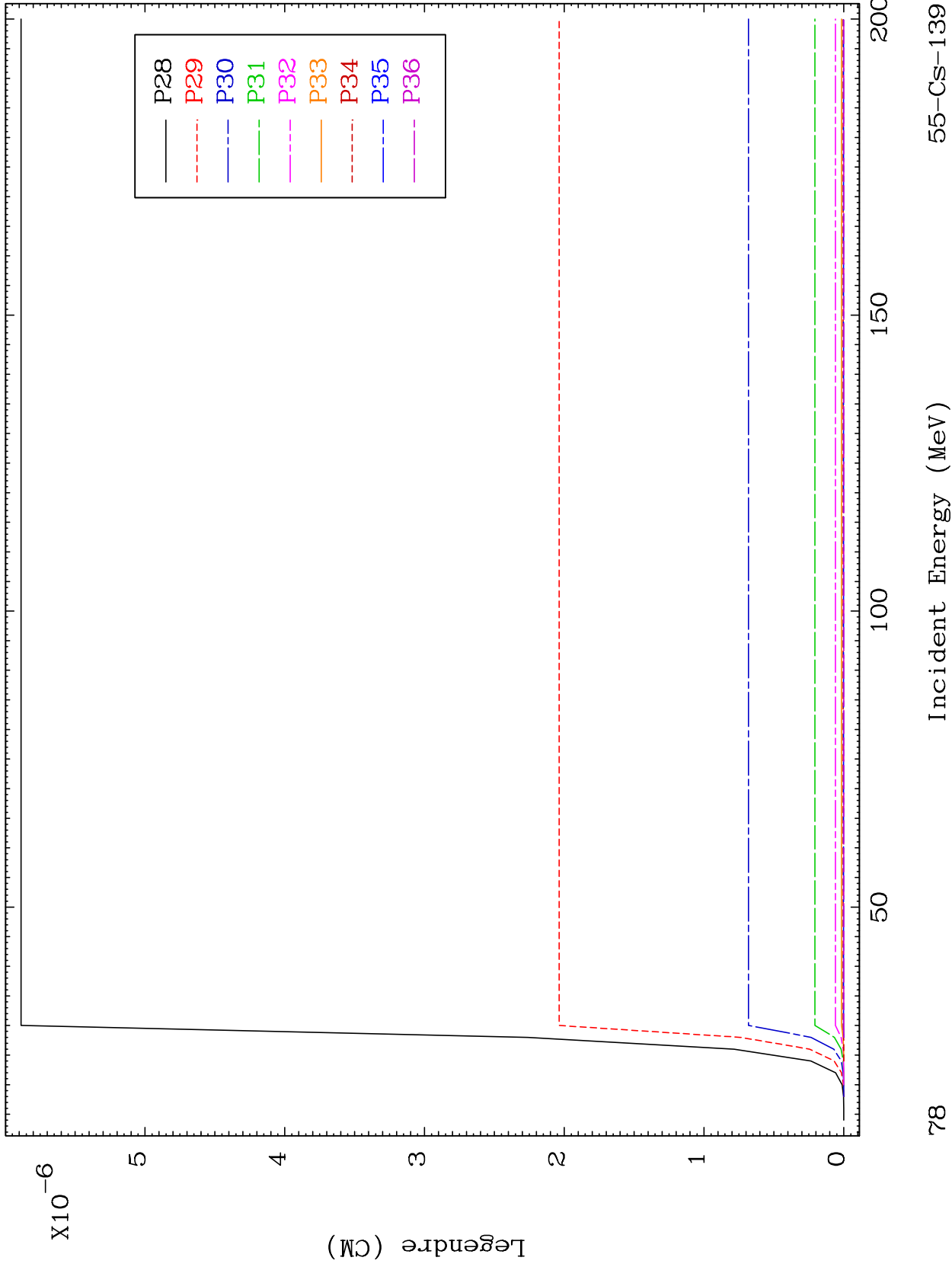
77

55-Cs-139

MAT 5543

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

55-Cs-139

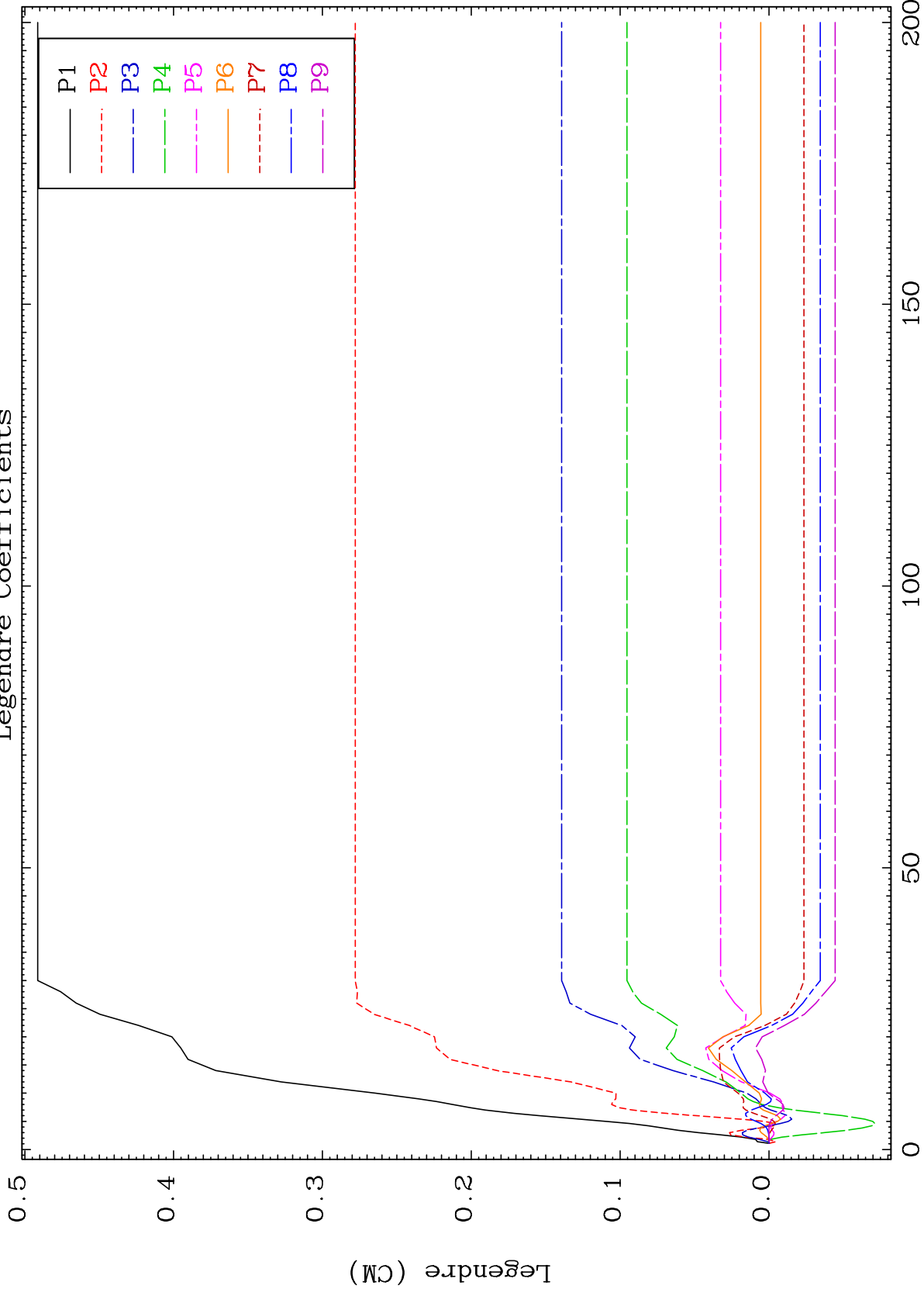


MAT 5543

MT= 66 (n,n') Level

55-Cs-139

Legendre Coefficients



79

Incident Energy (MeV)

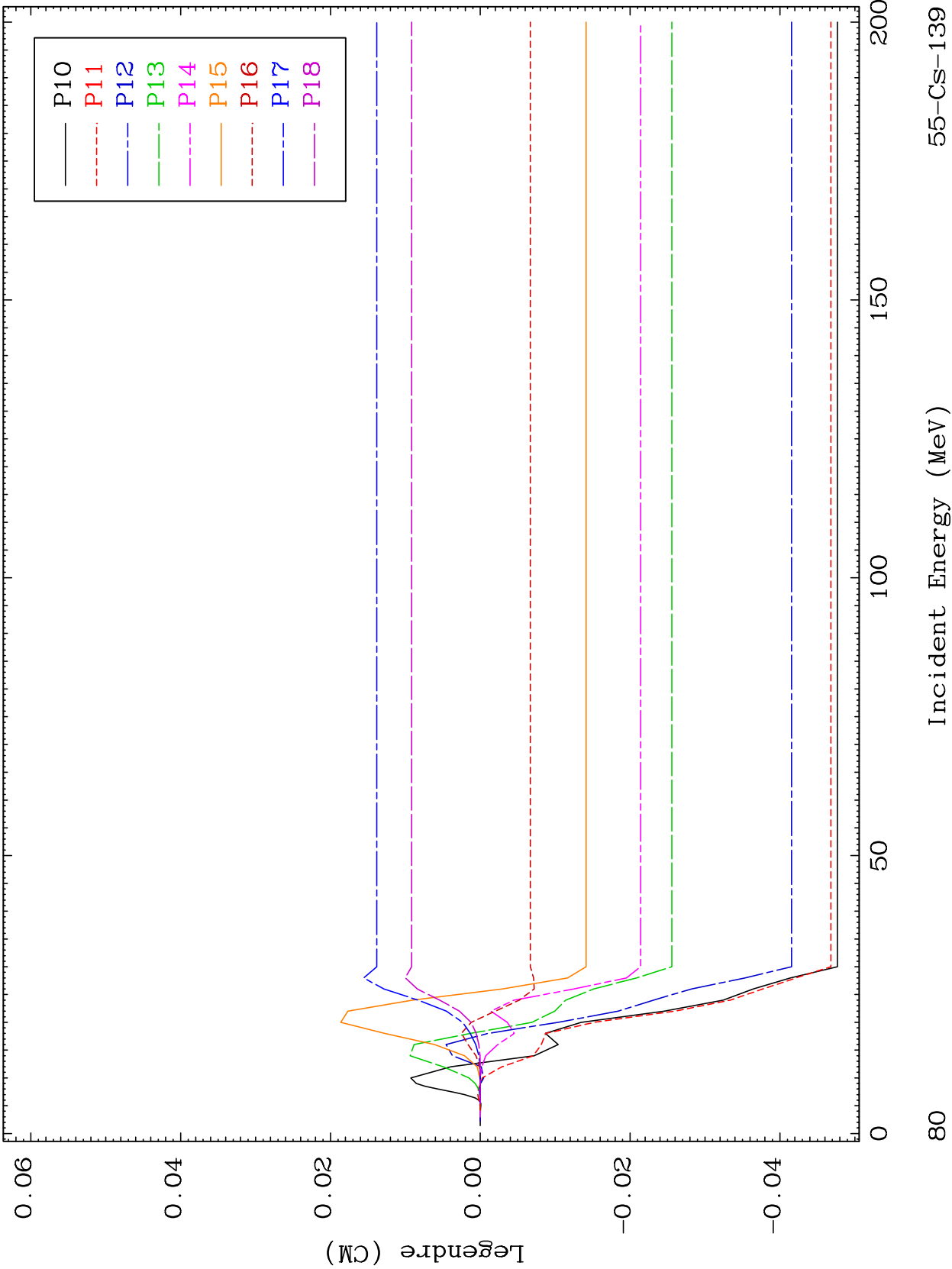
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

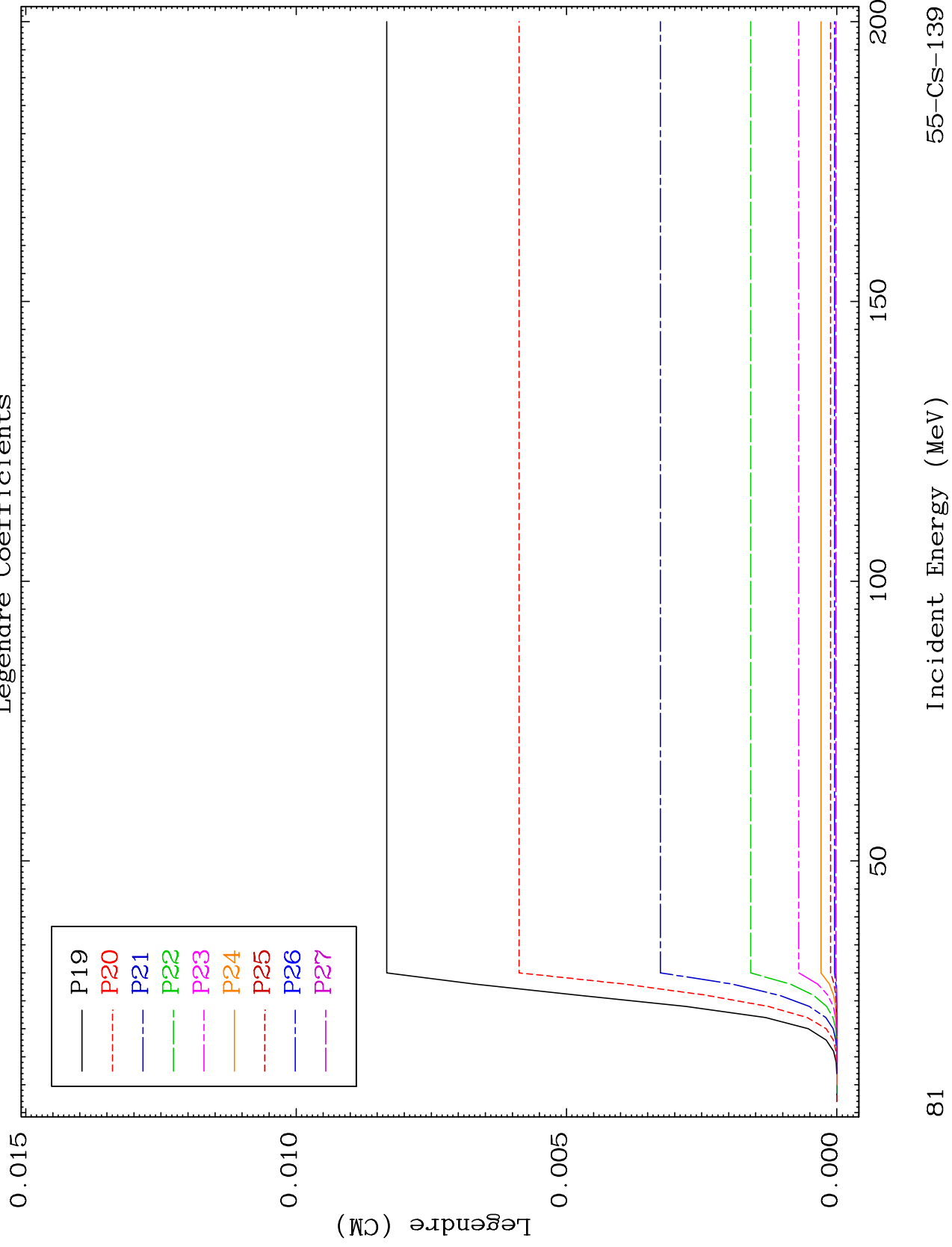
Incident Energy (MeV)

80

MAT 5543

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

55-Cs-139



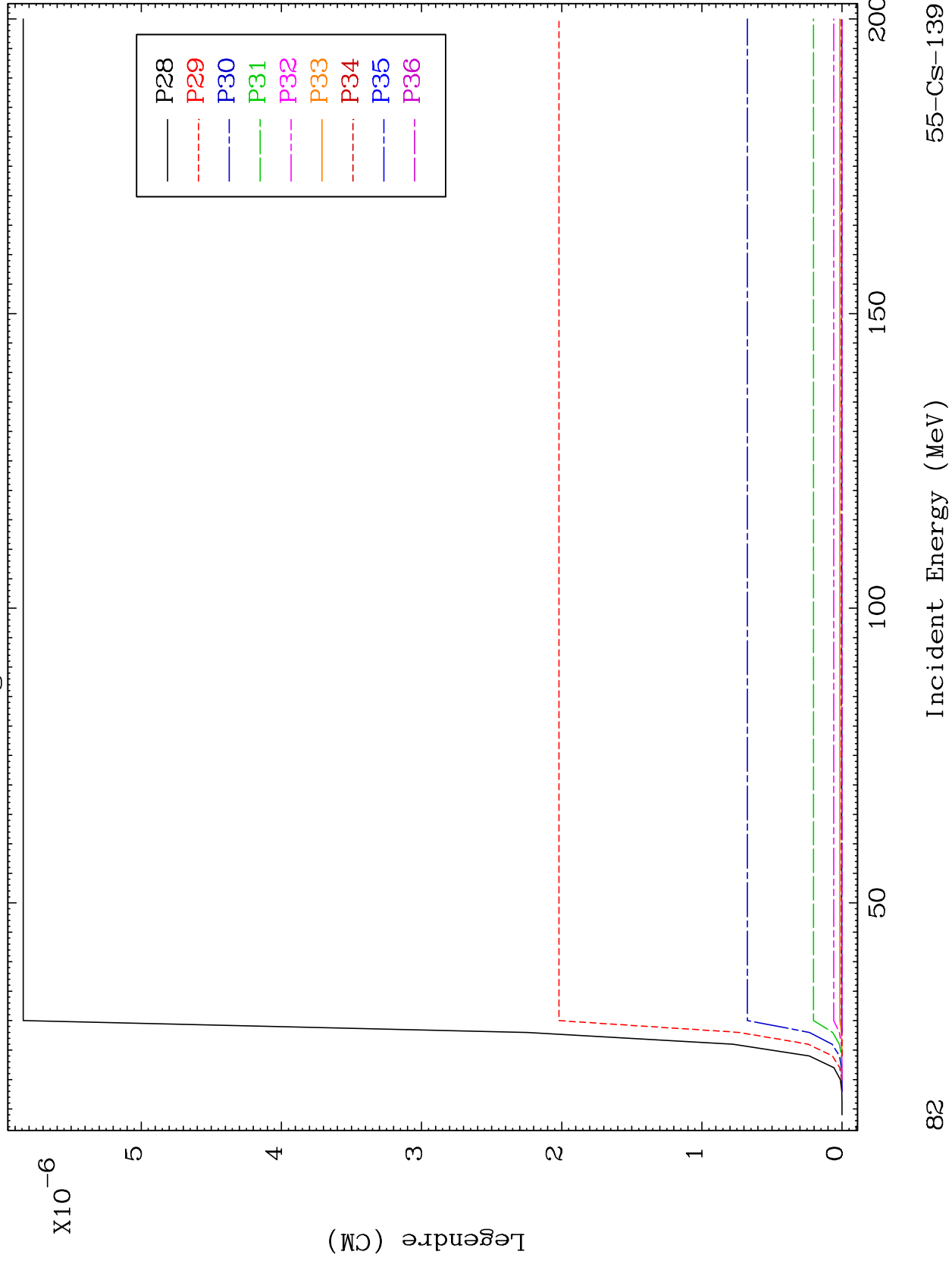
81

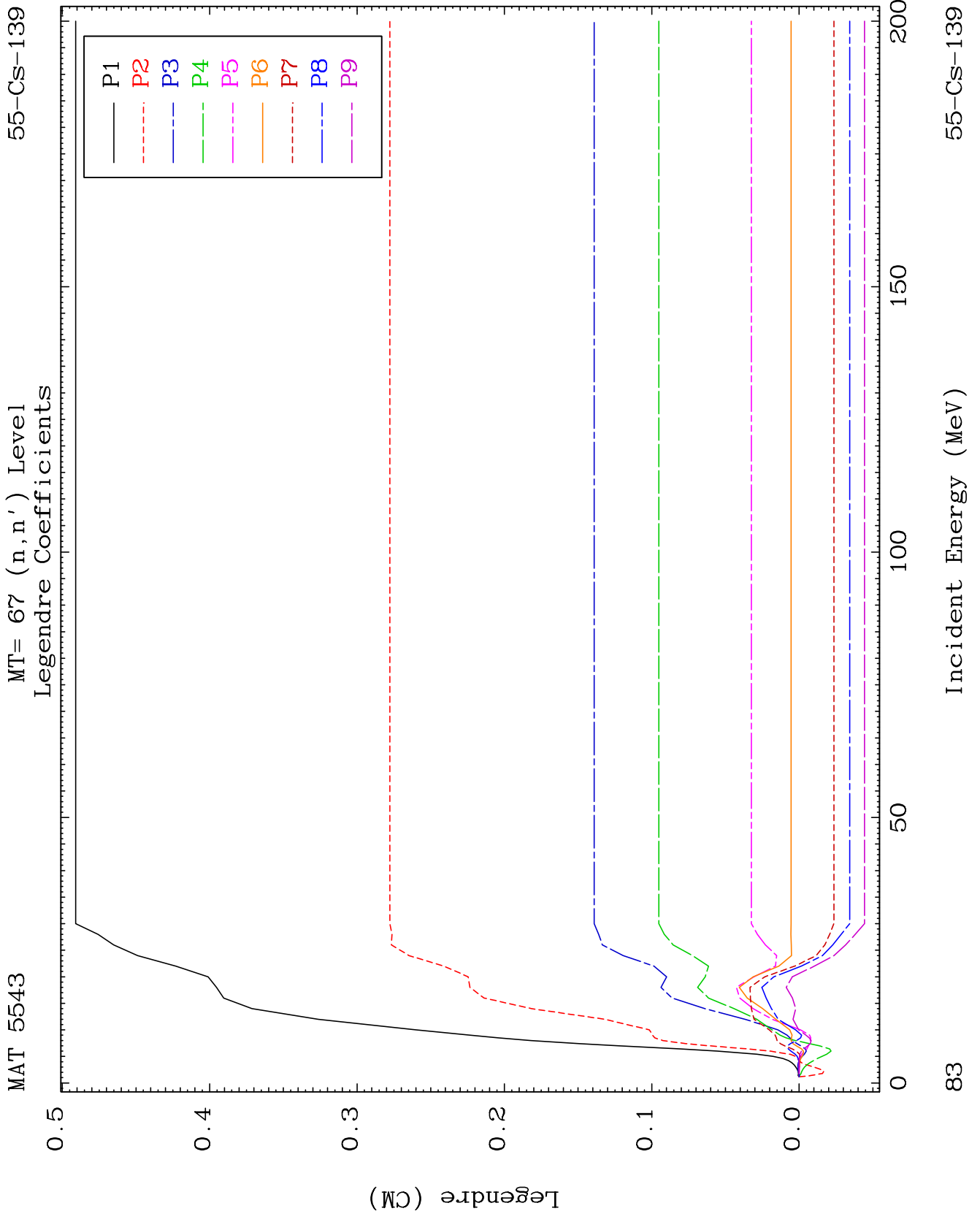
55-Cs-139

MAT 5543

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

55-Cs-139

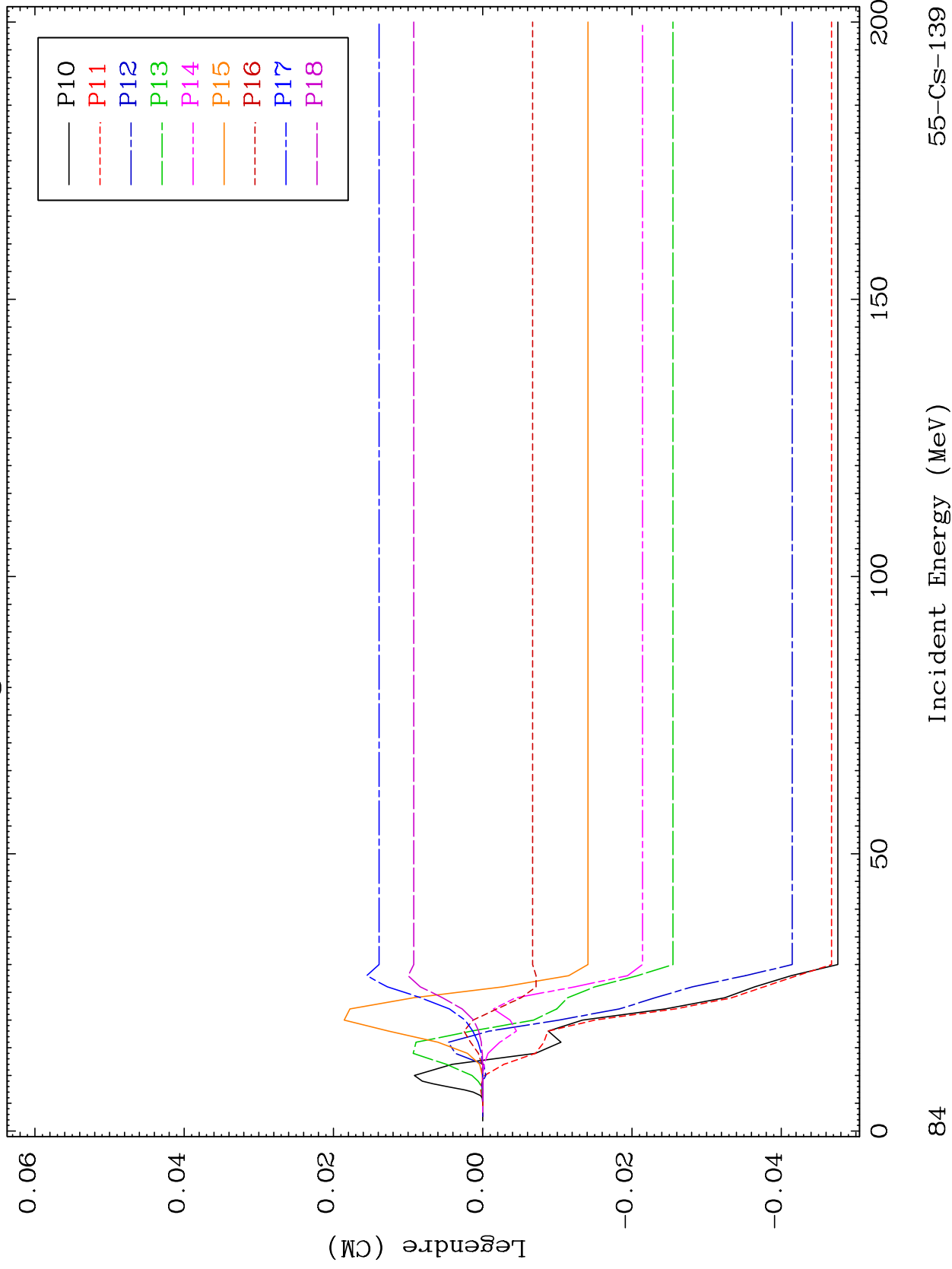




MAT 5543

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

55-Cs-139



84

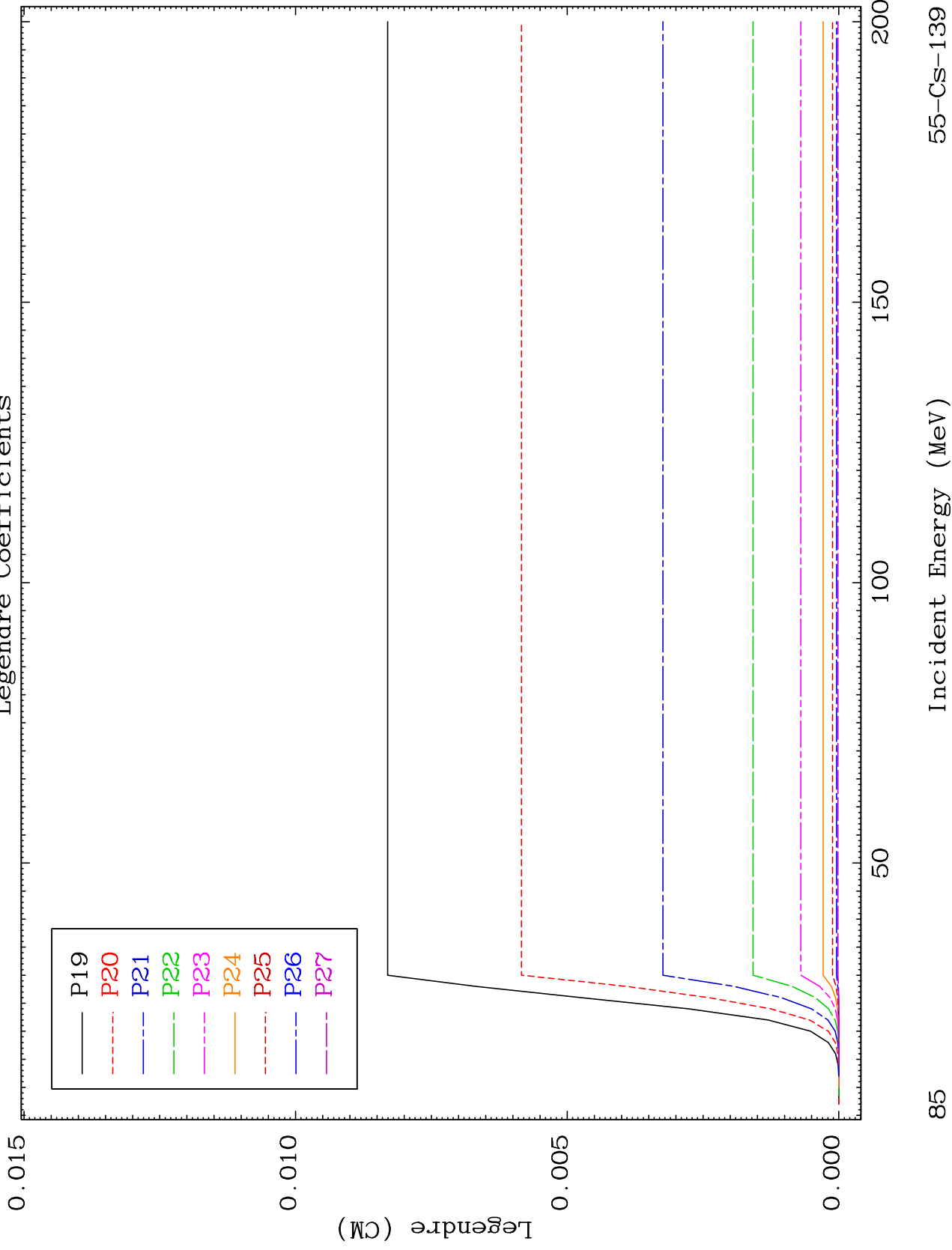
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



85

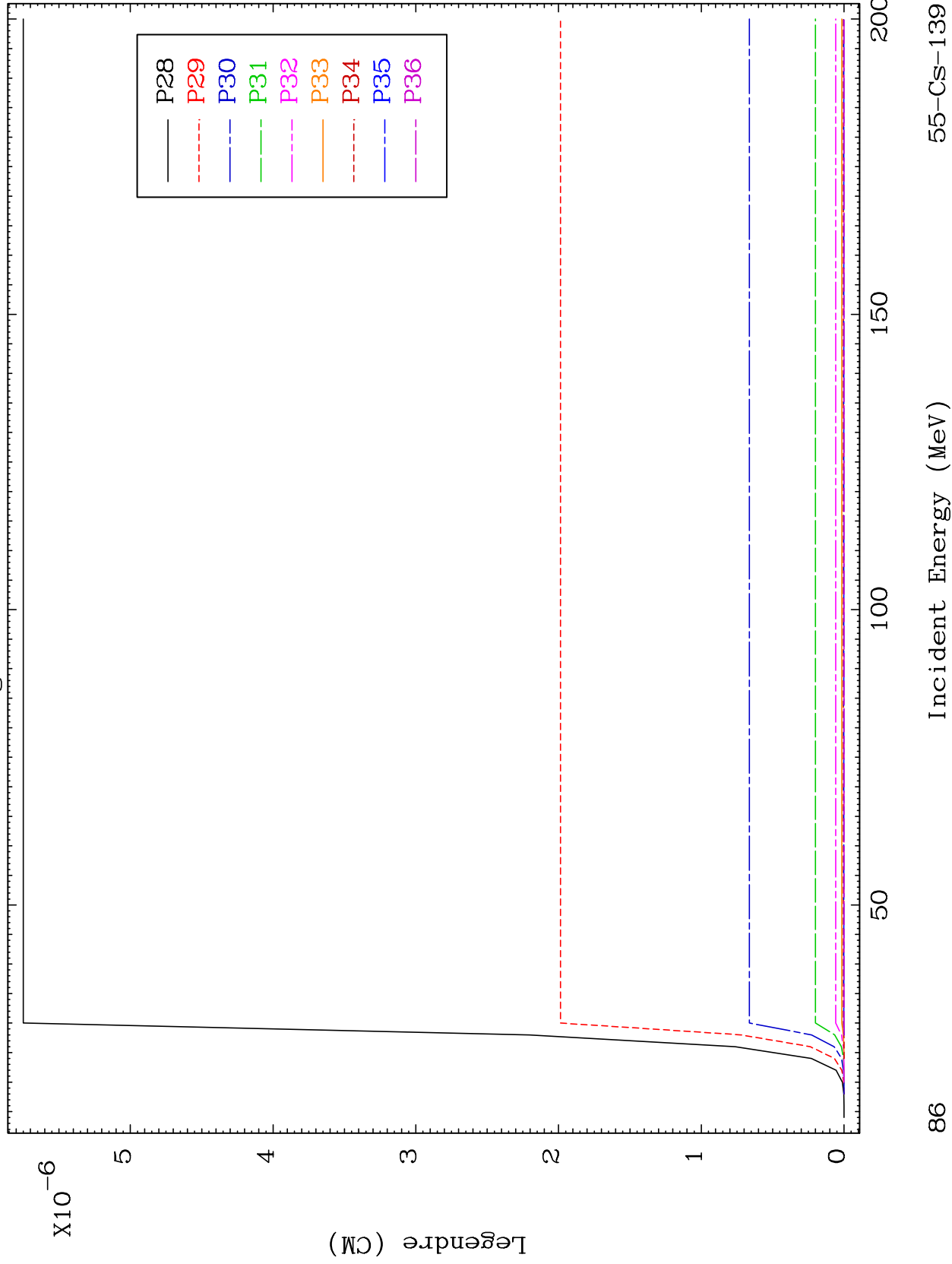
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

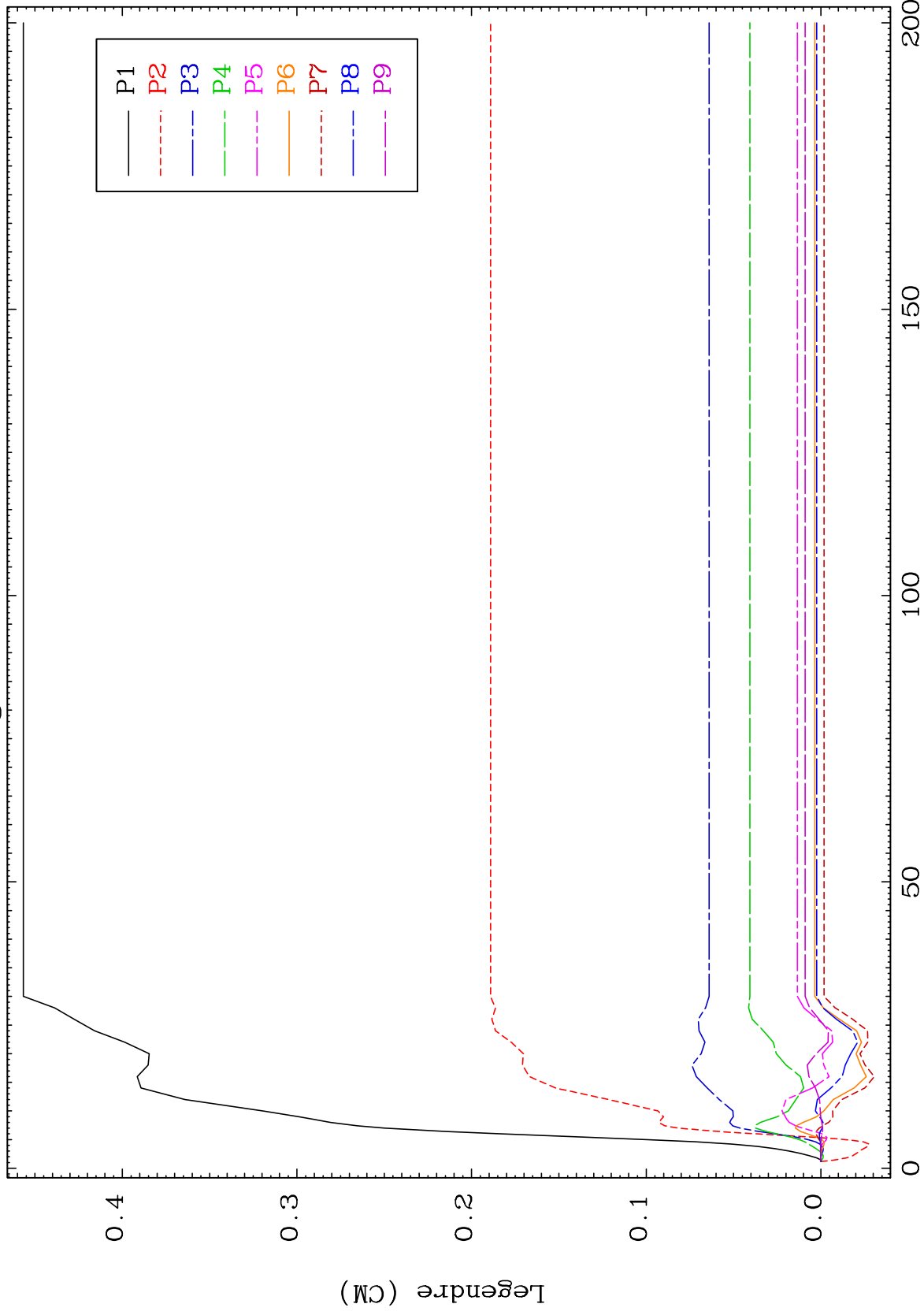
55-Cs-139



MAT 5543

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

55-Cs-139



87

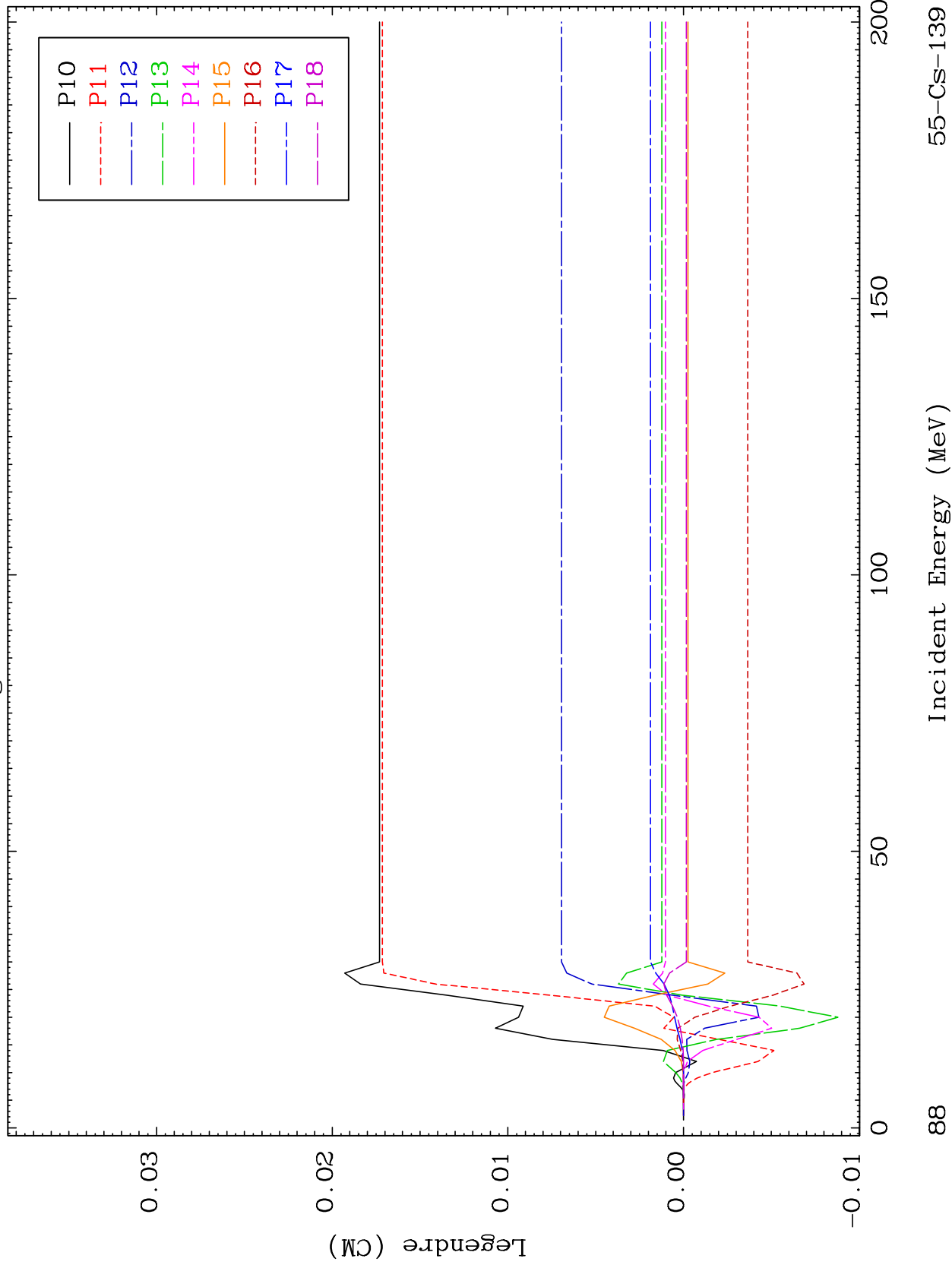
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

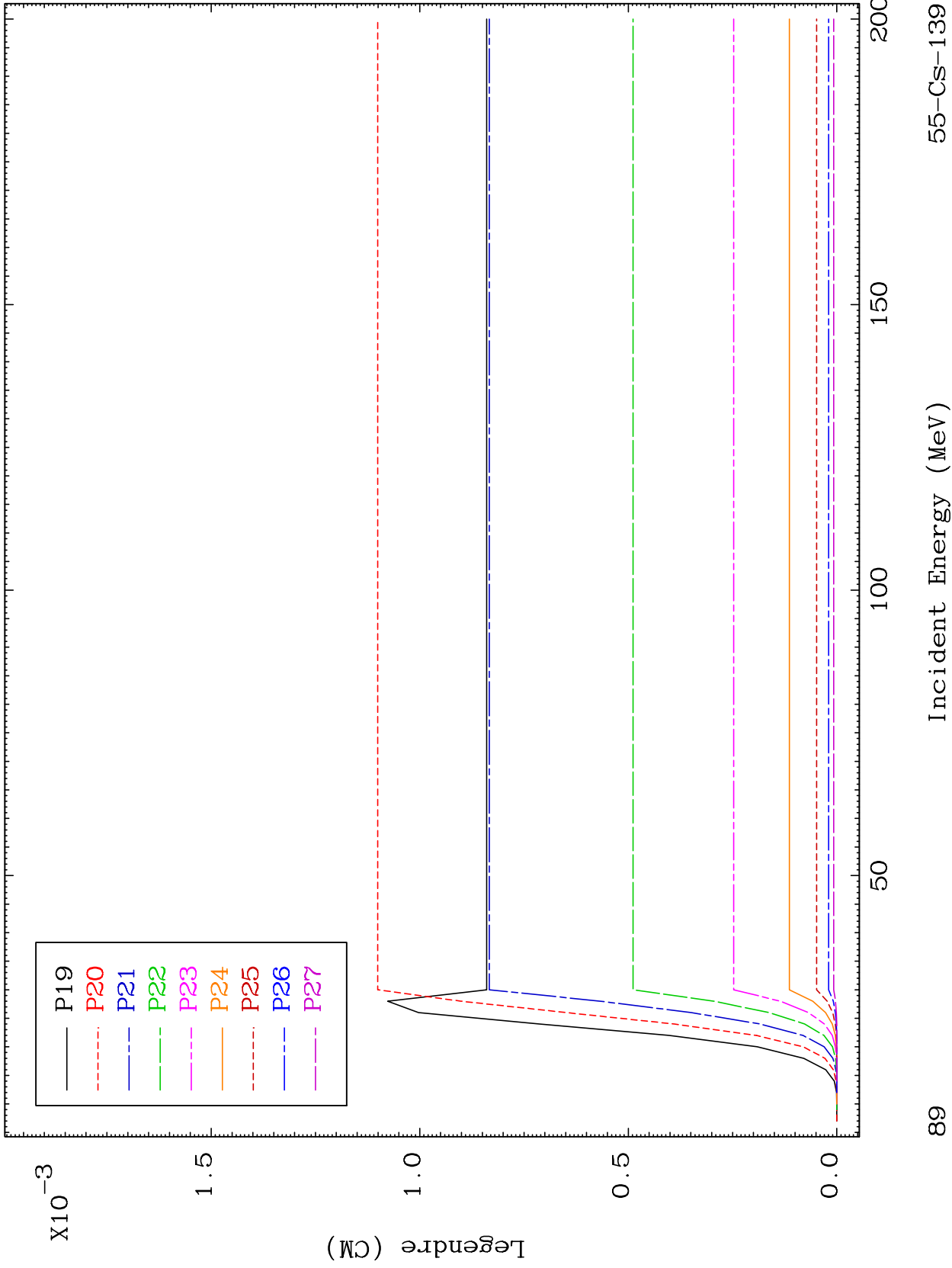
Incident Energy (MeV)

88

MAT 5543

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

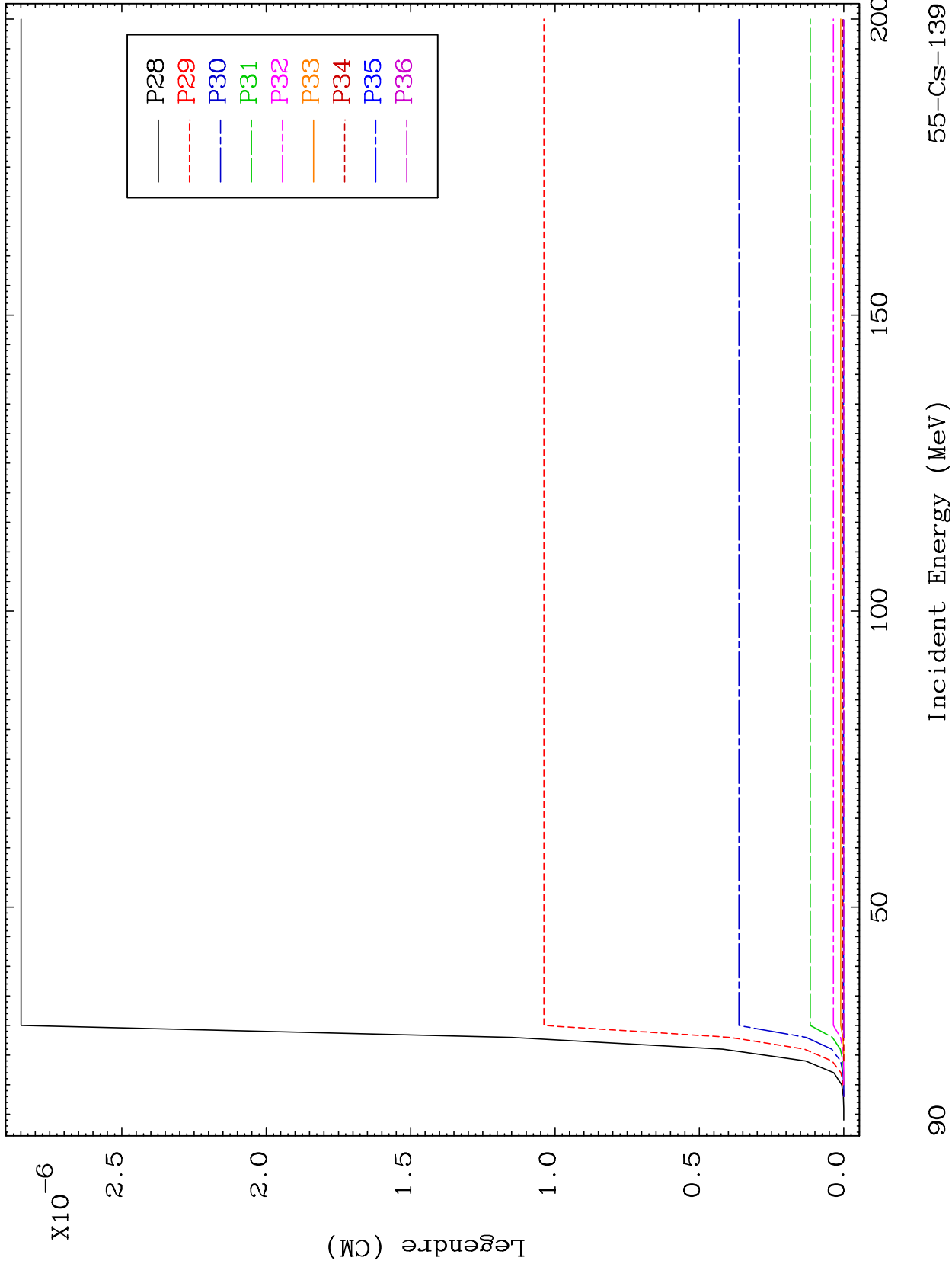
55-Cs-139



MAT 5543

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

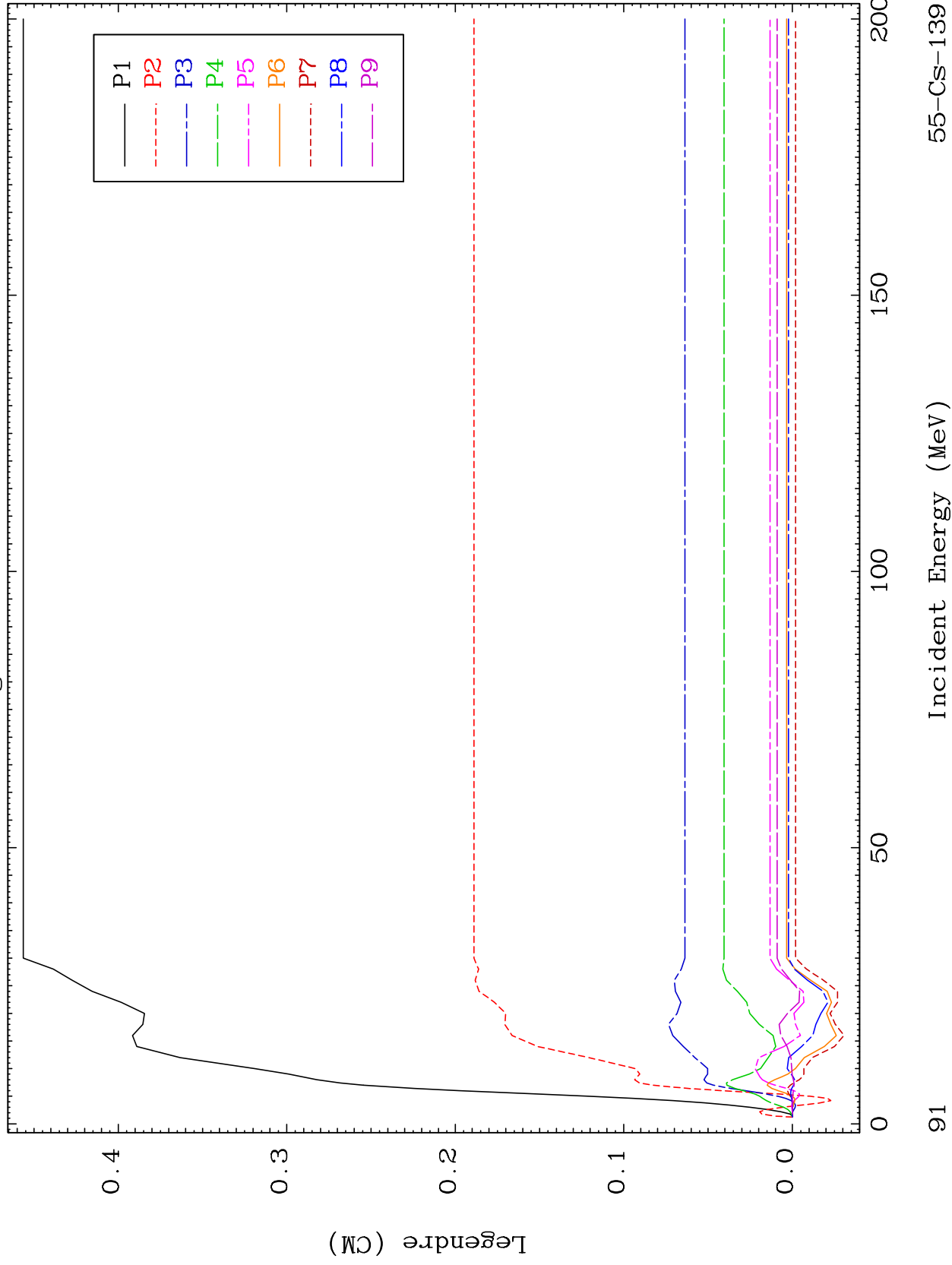
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

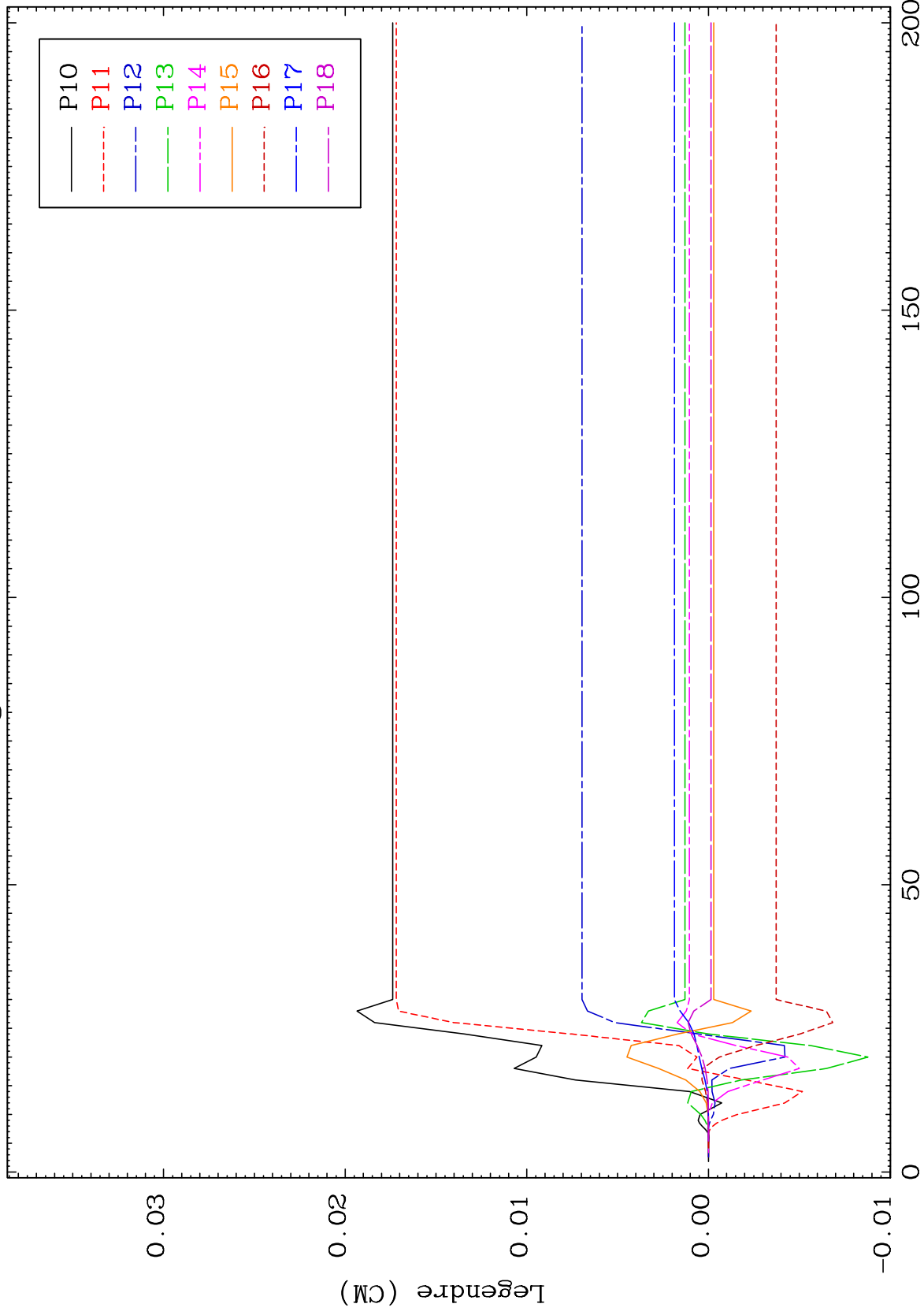
Incident Energy (MeV)

91

MAT 5543

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

55-Cs-139



92

Incident Energy (MeV)

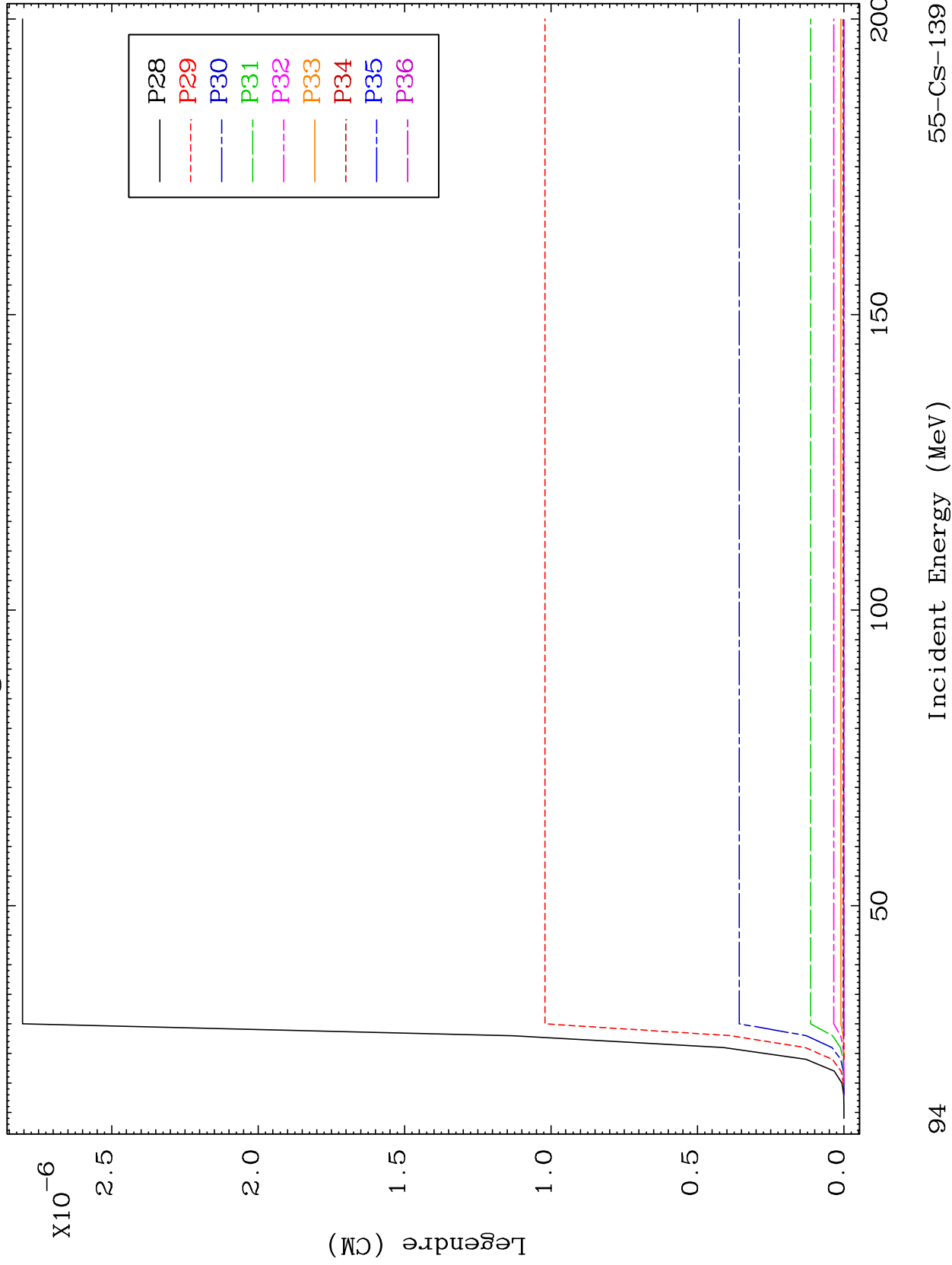
55-Cs-139



MAT 5543

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

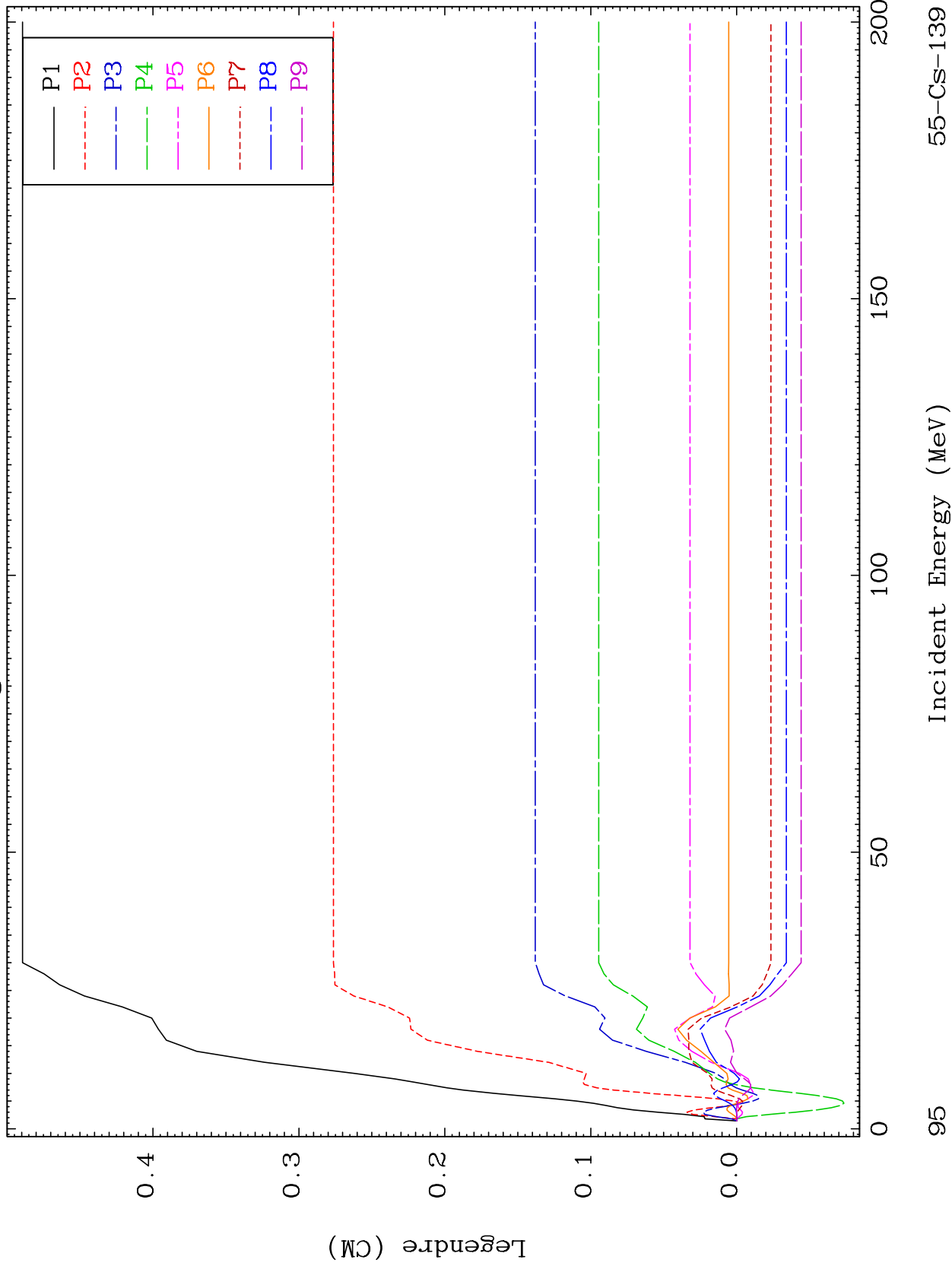
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

Incident Energy (MeV)

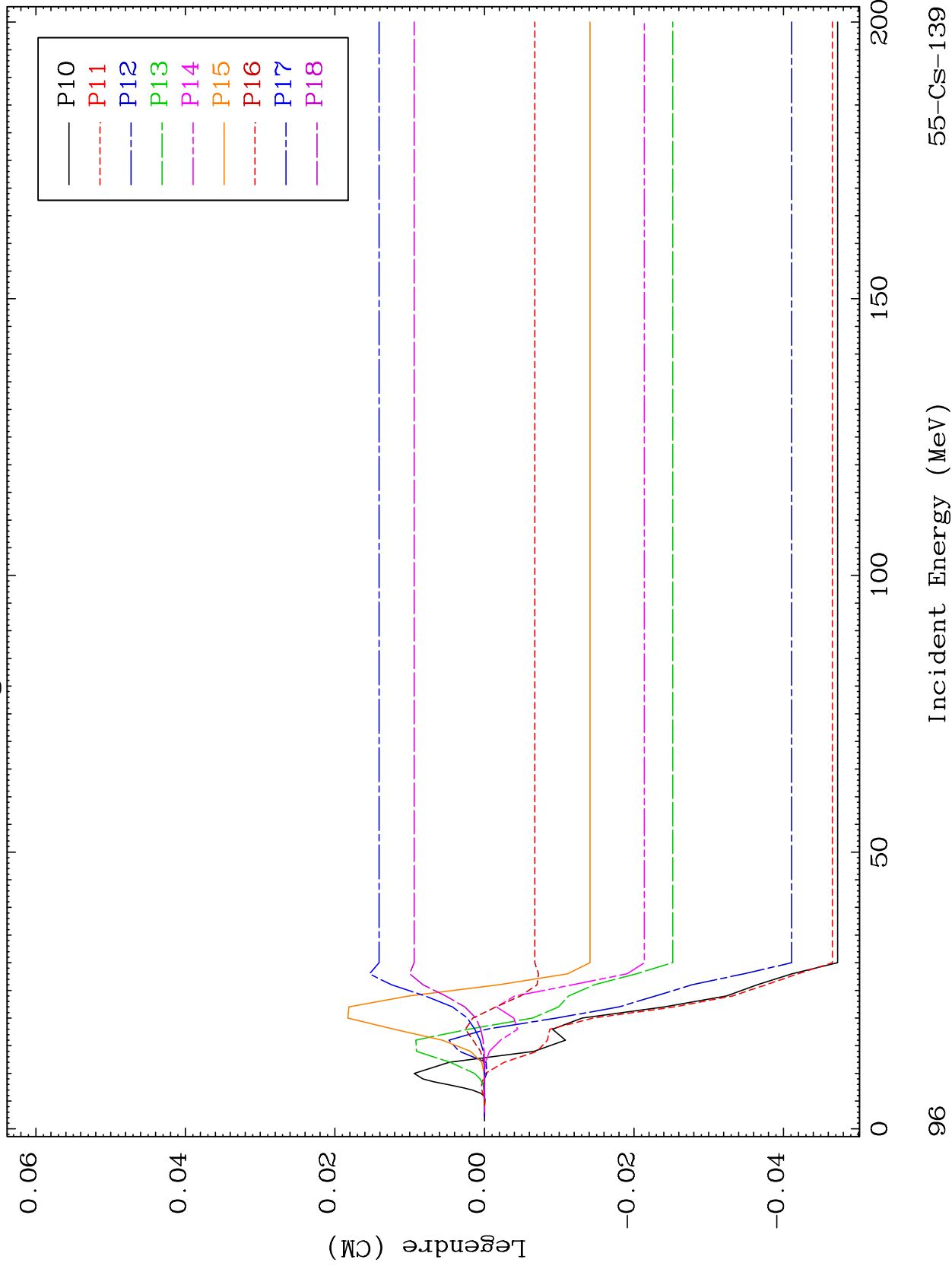
95



MAT 5543

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

55-Cs-139



55-Cs-139

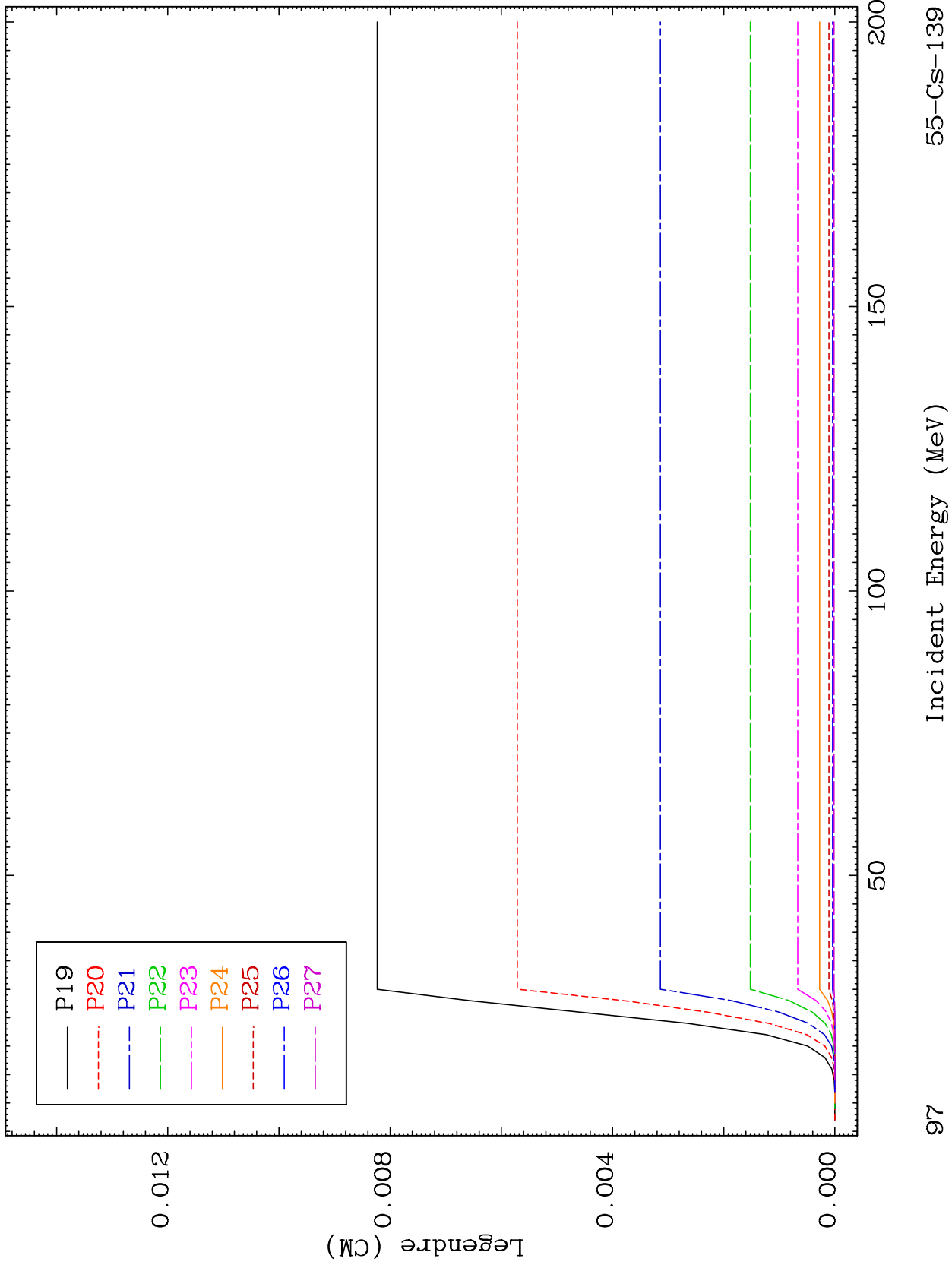
Incident Energy (MeV)

96

MAT 5543

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

55-Cs-139



97

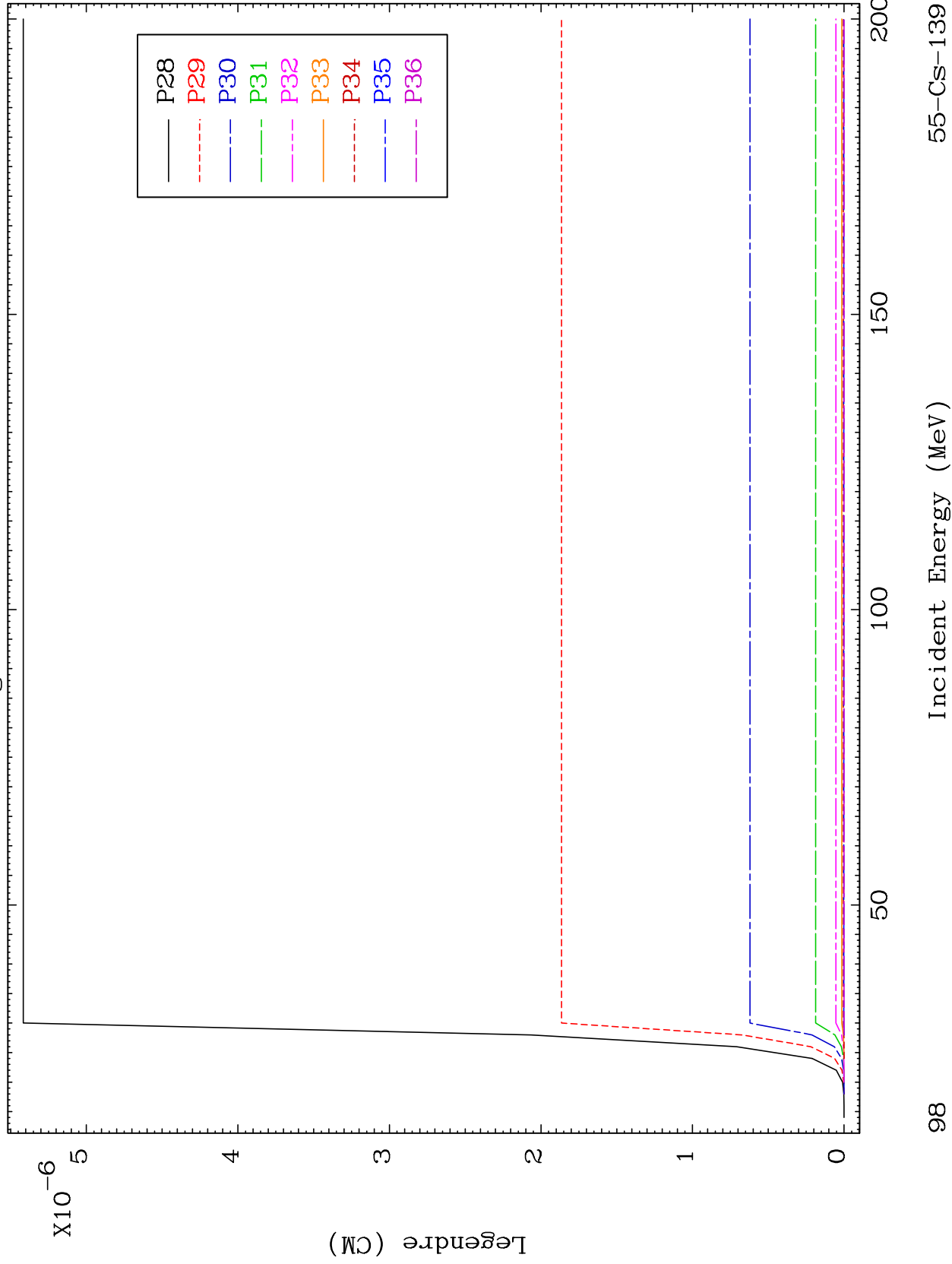
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

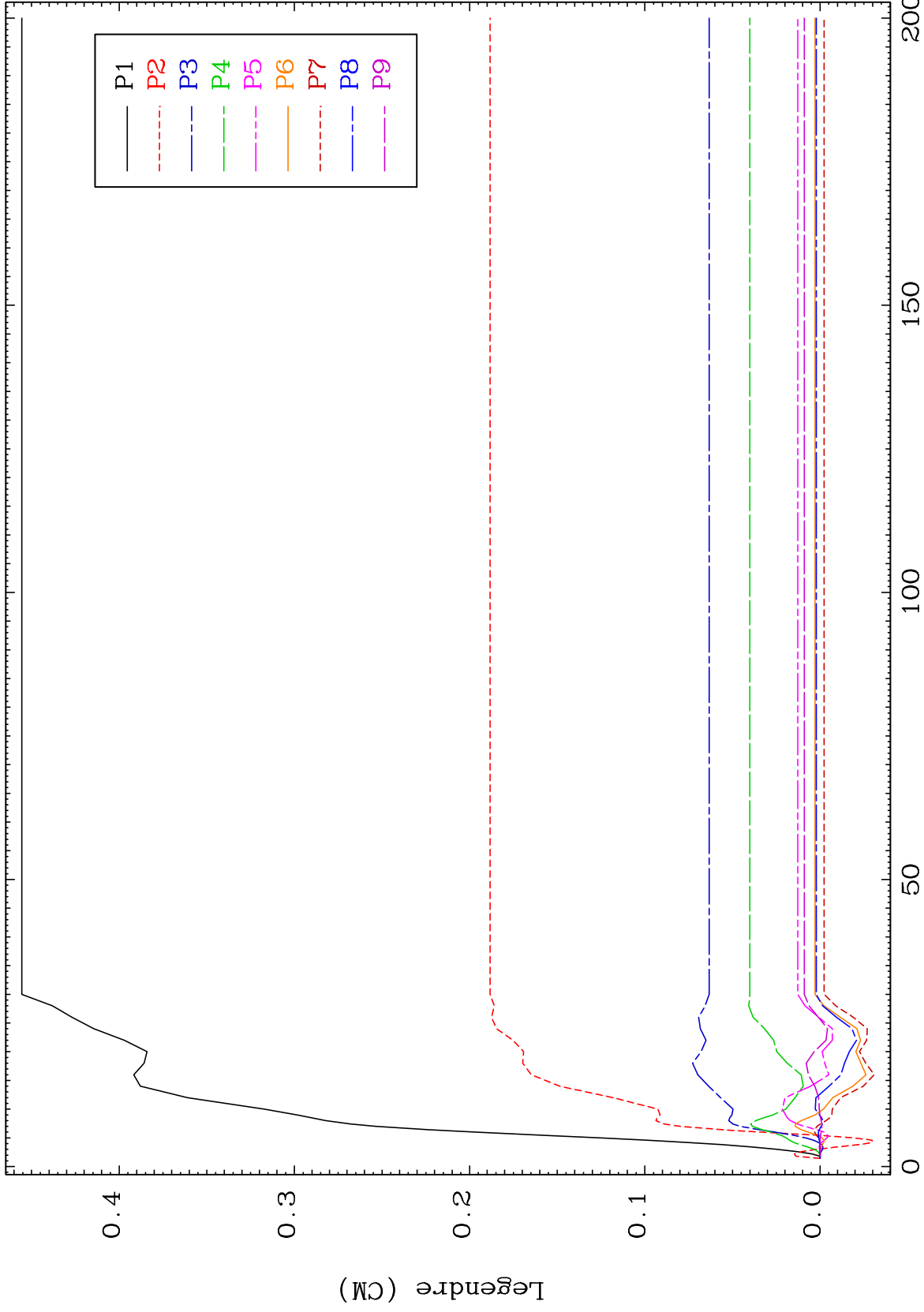
55-Cs-139



MAT 5543

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

55-Cs-139



99

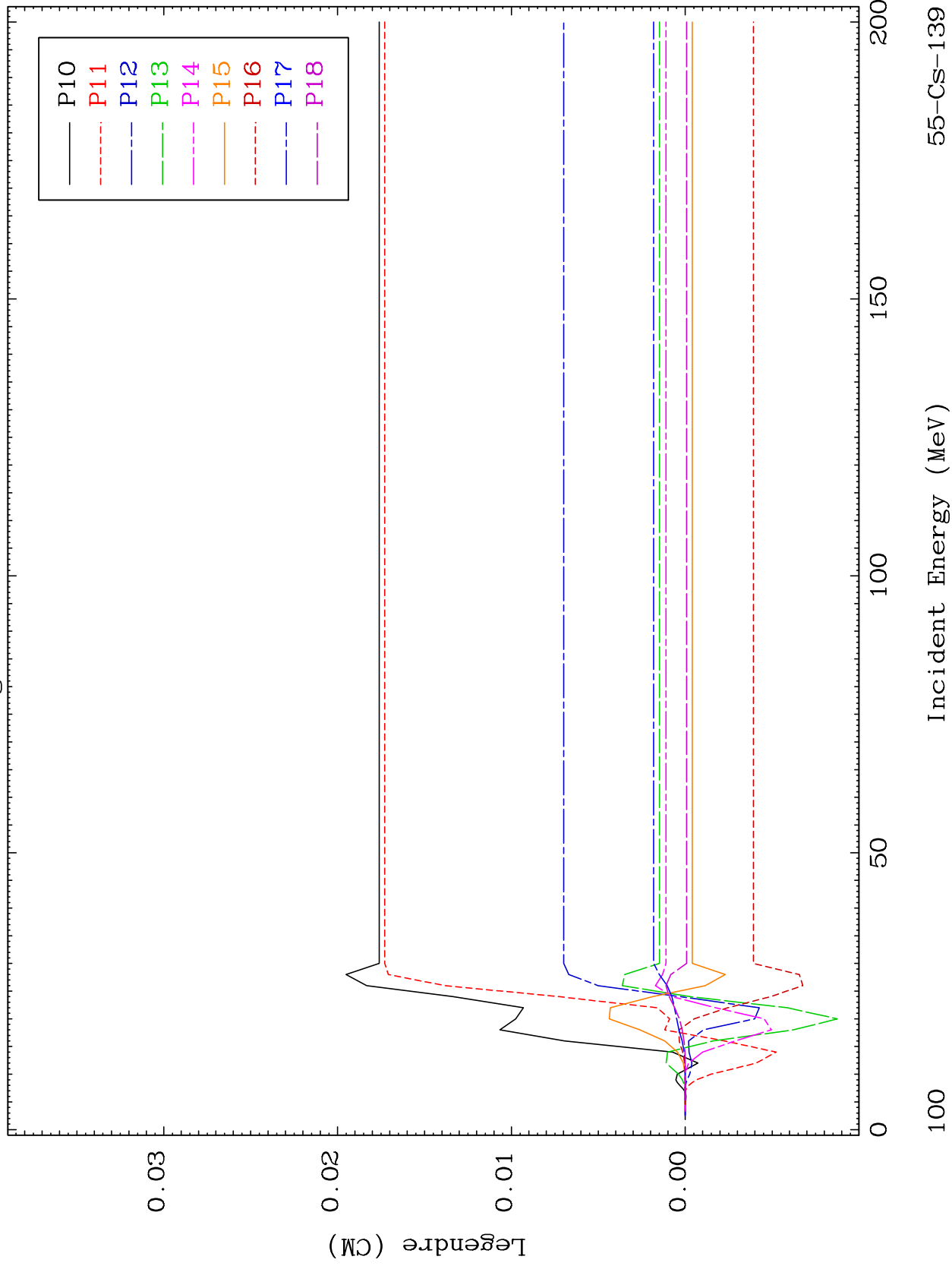
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139

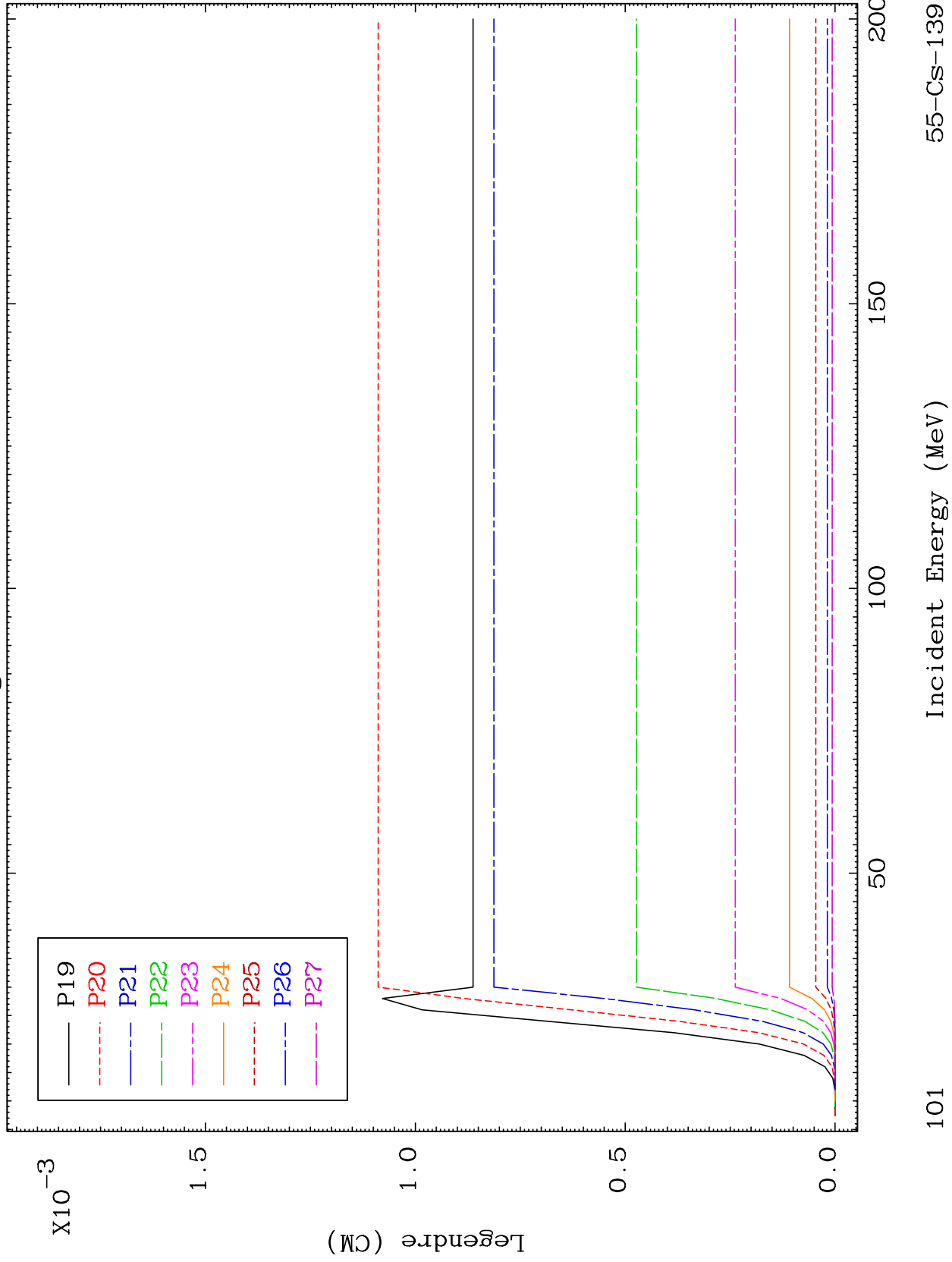


55-Cs-139

MAT 5543

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

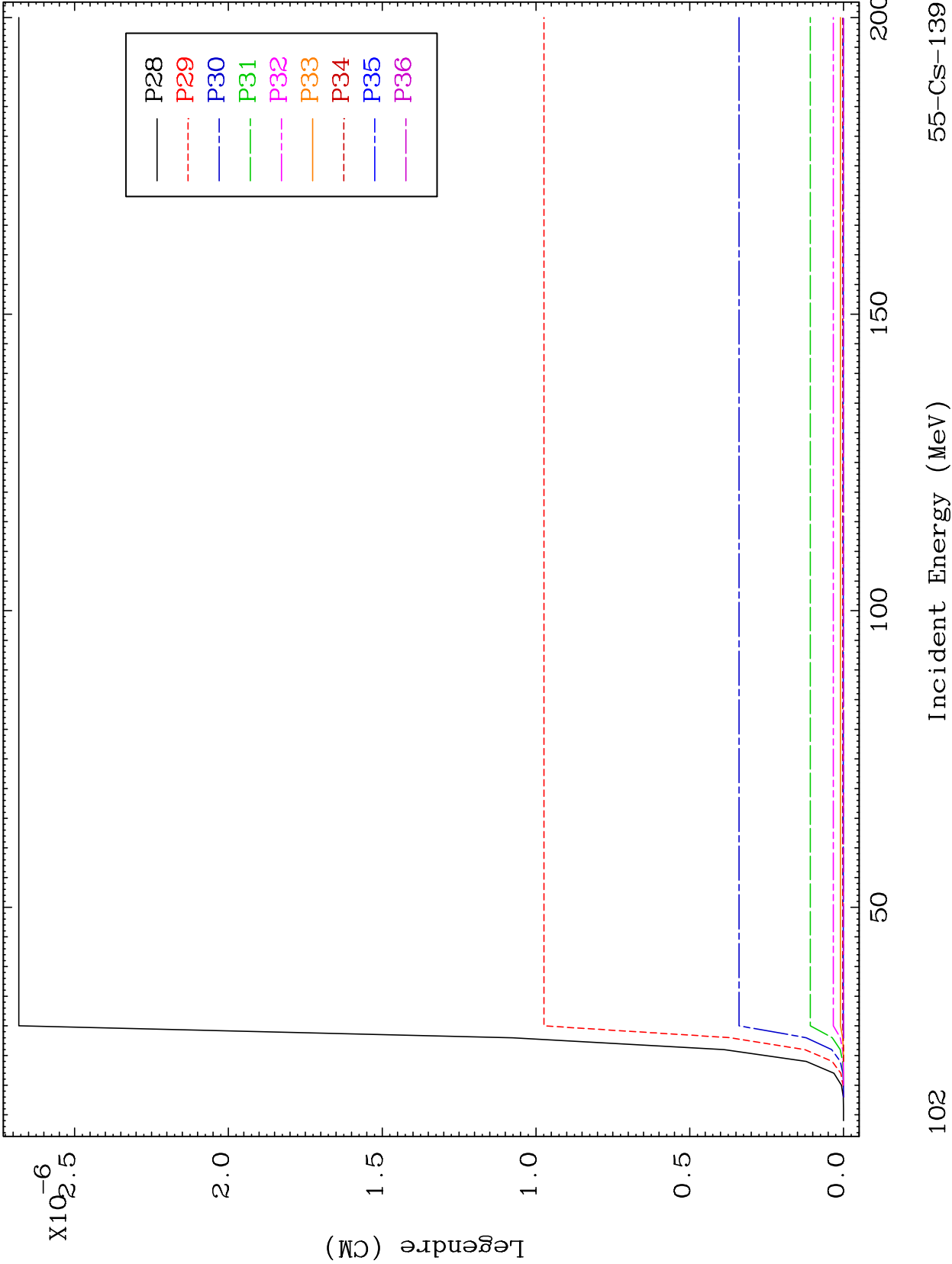
55-Cs-139



MAT 5543

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

55-Cs-139



102

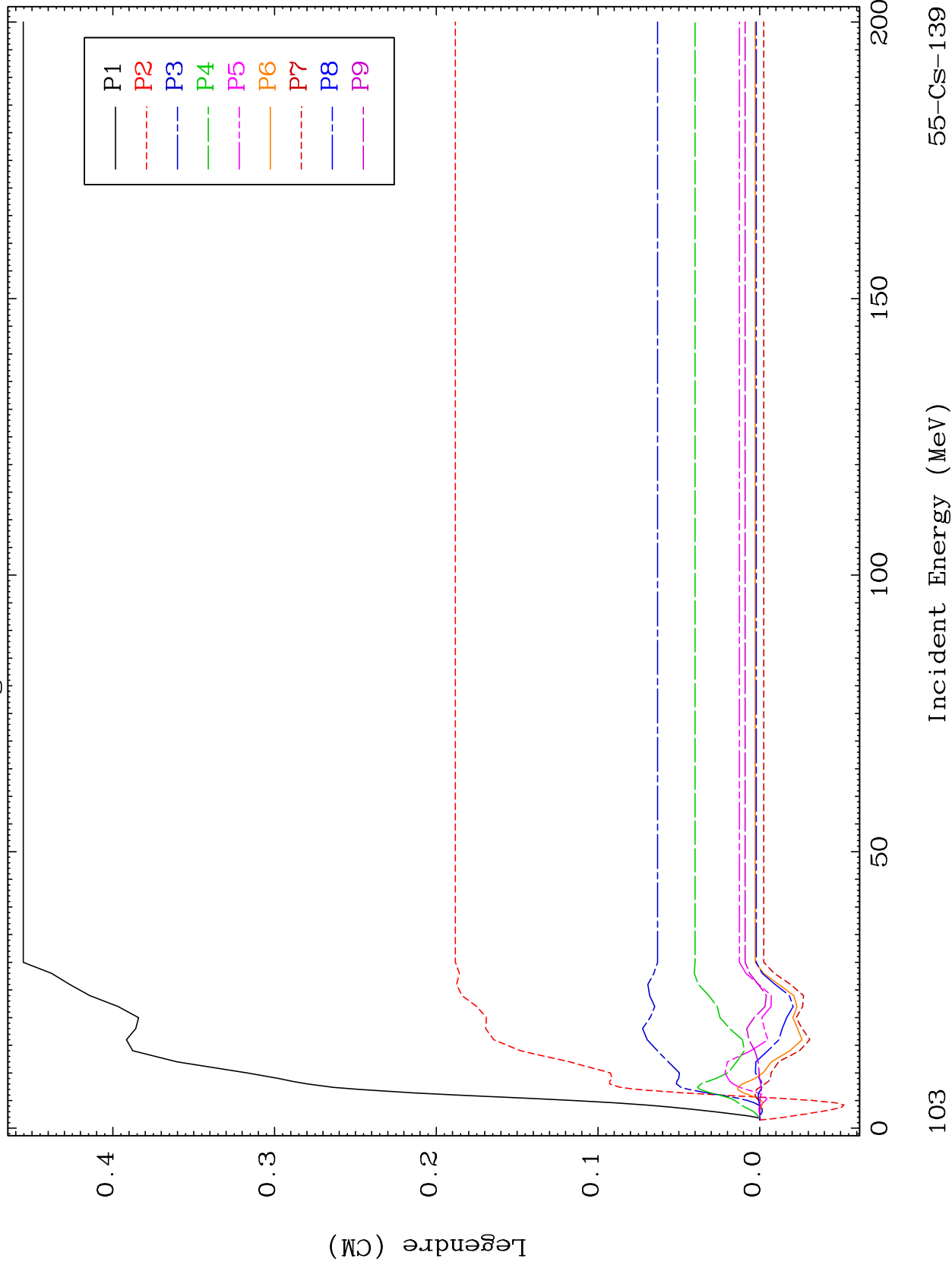
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



55-Cs-139

Incident Energy (MeV)

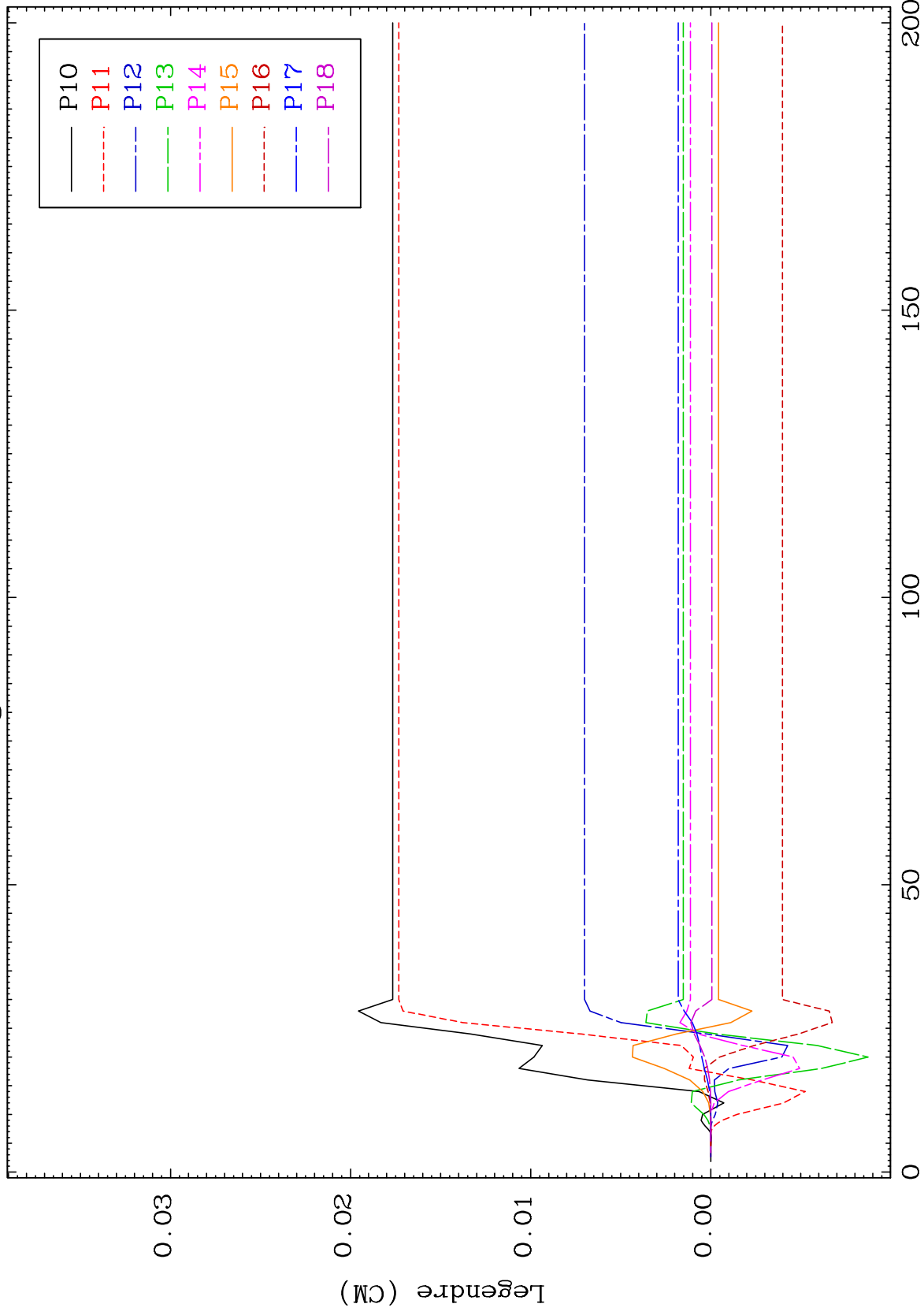
103



MAT 5543

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

55-Cs-139



104

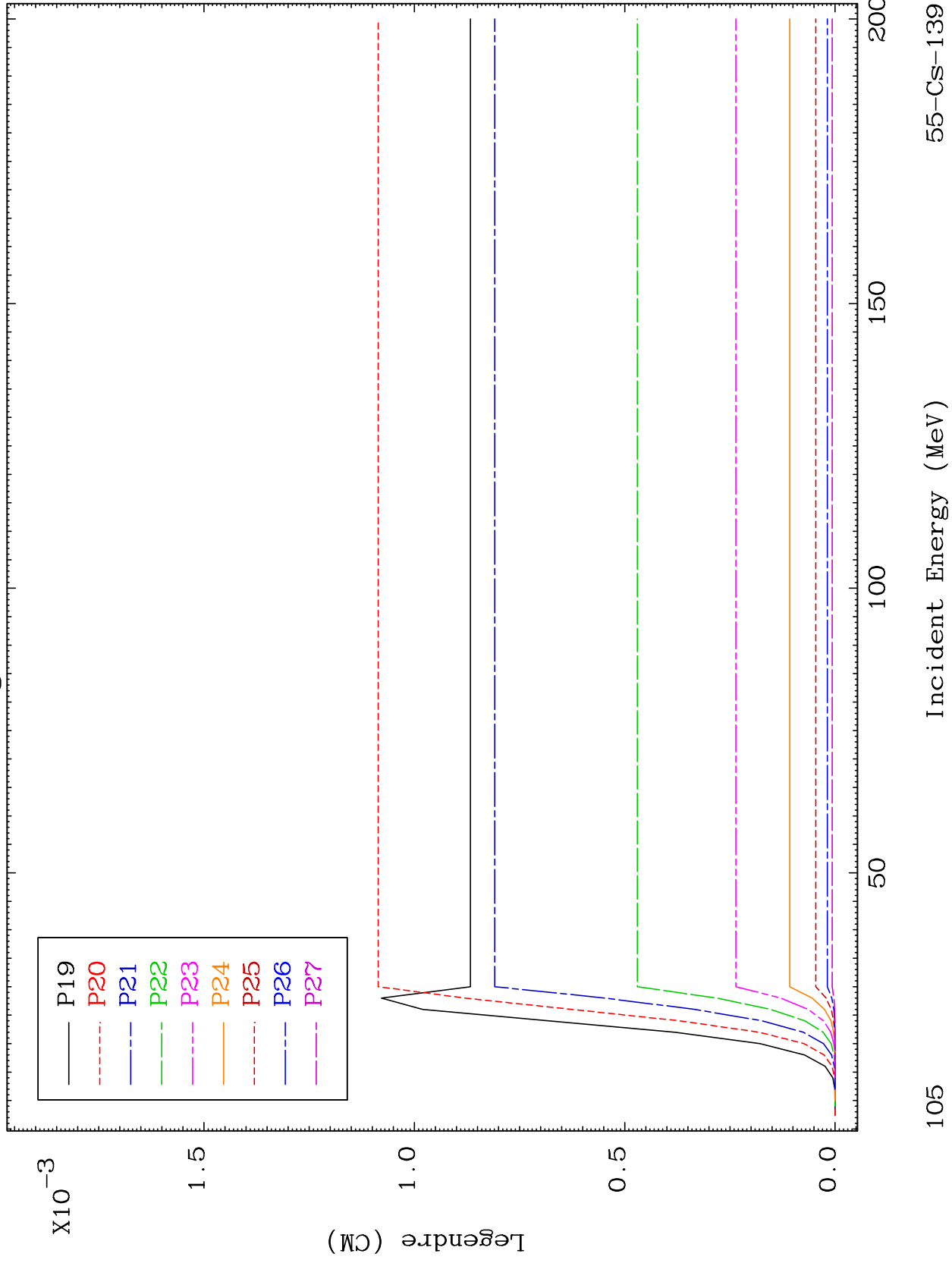
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

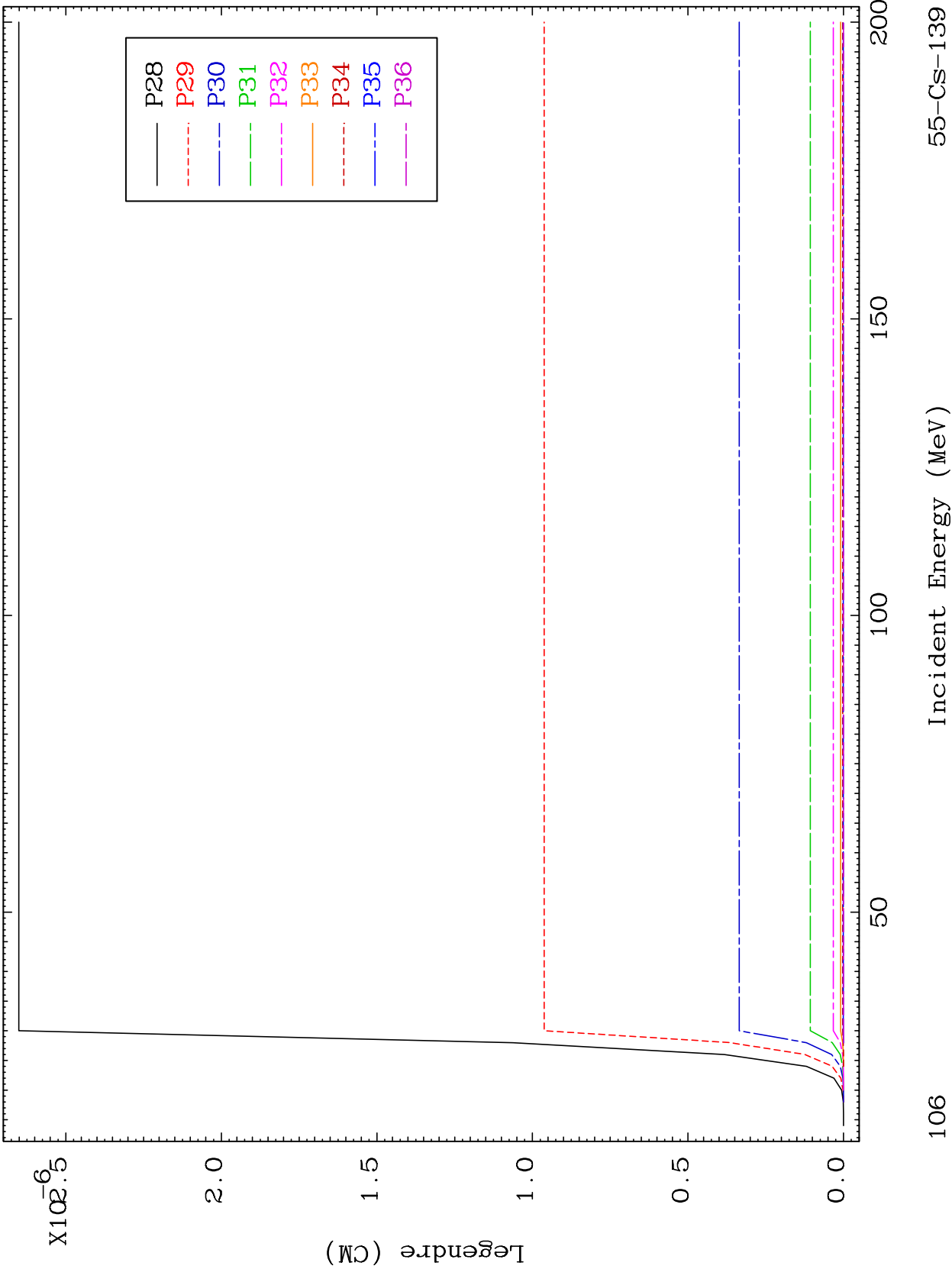
55-Cs-139



MAT 5543

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

55-Cs-139



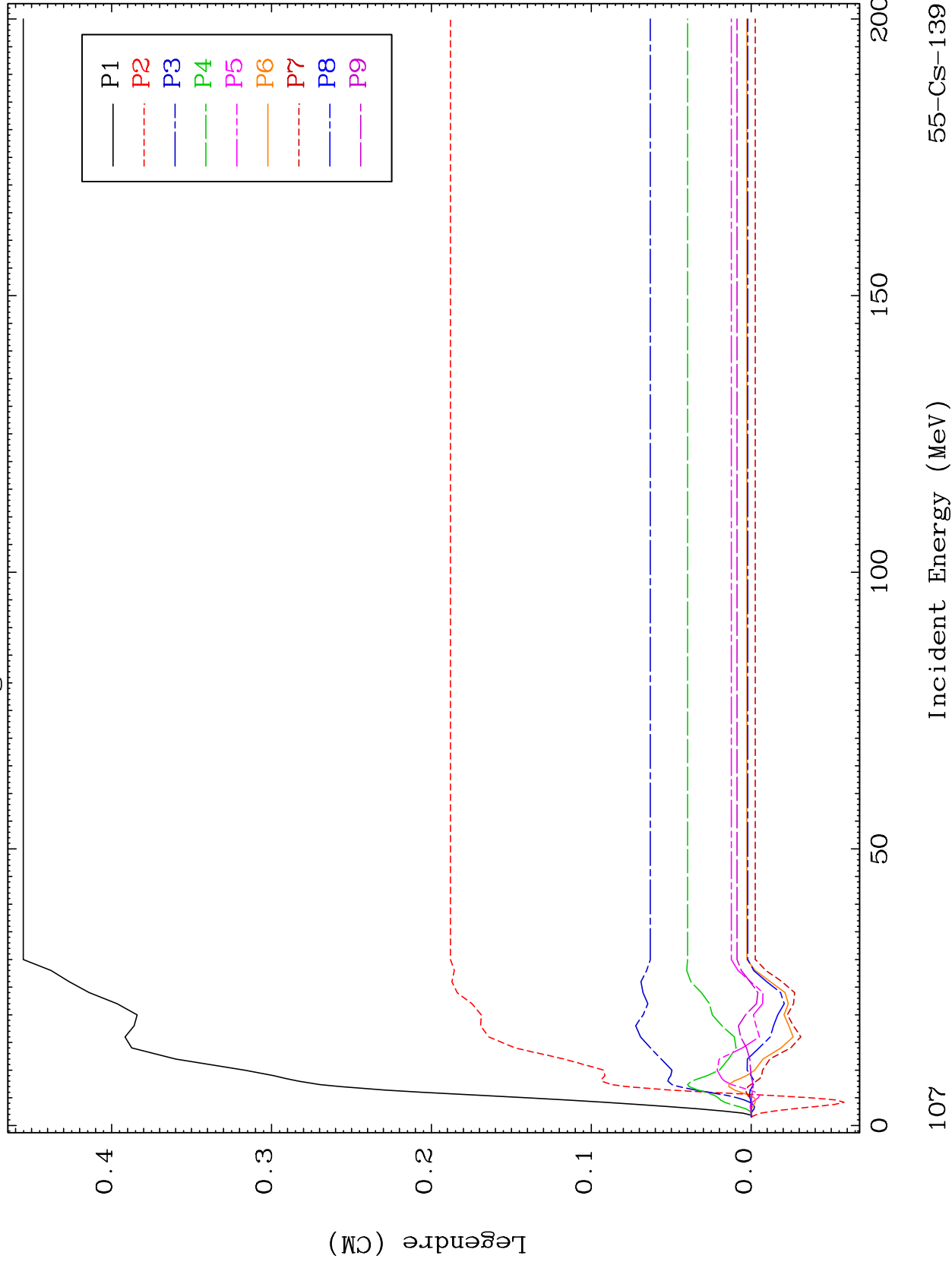
106

55-Cs-139

MAT 5543

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

55-Cs-139



55-Cs-139

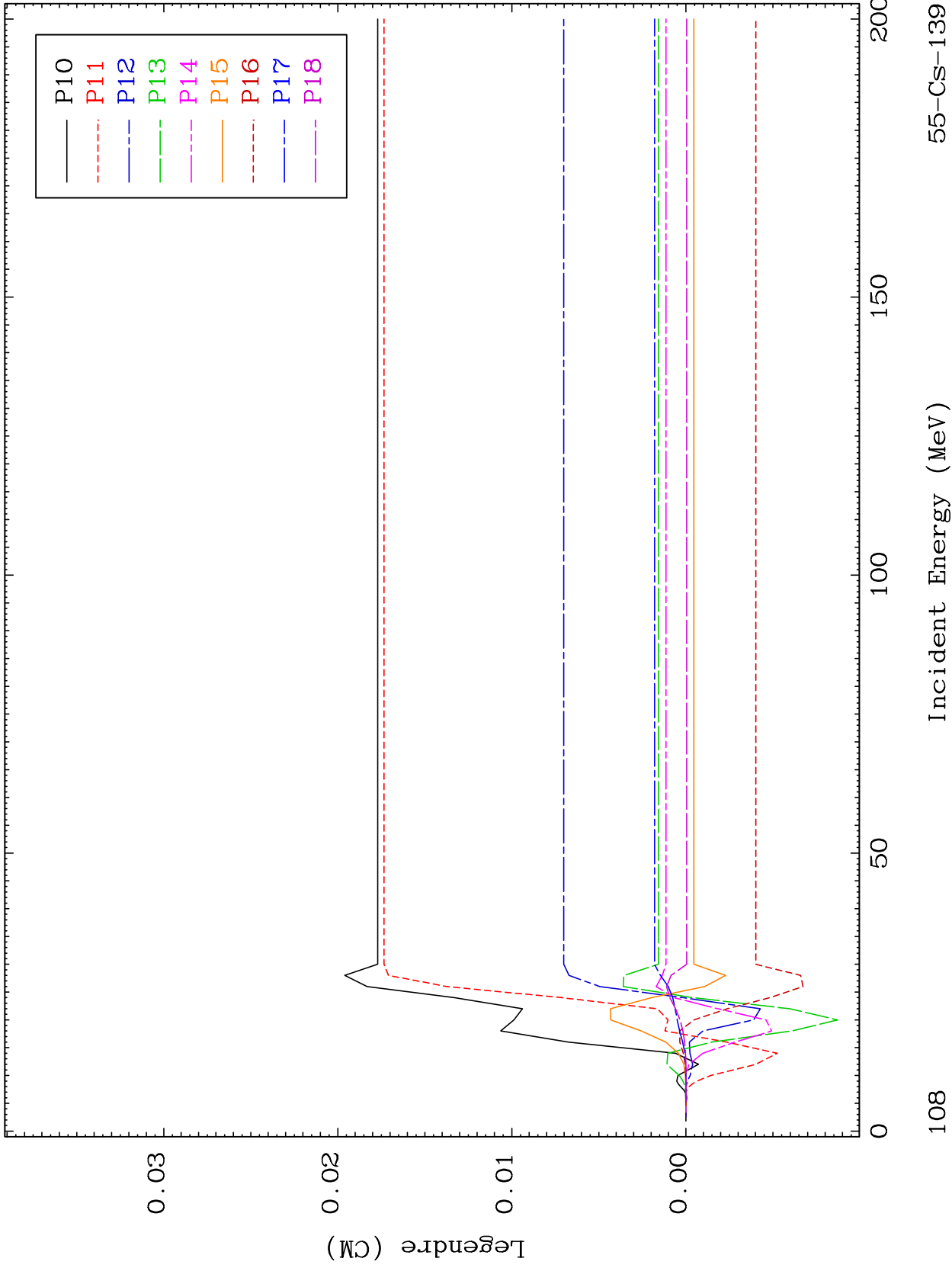
Incident Energy (MeV)

107

MAT 5543

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

55-Cs-139



55-Cs-139

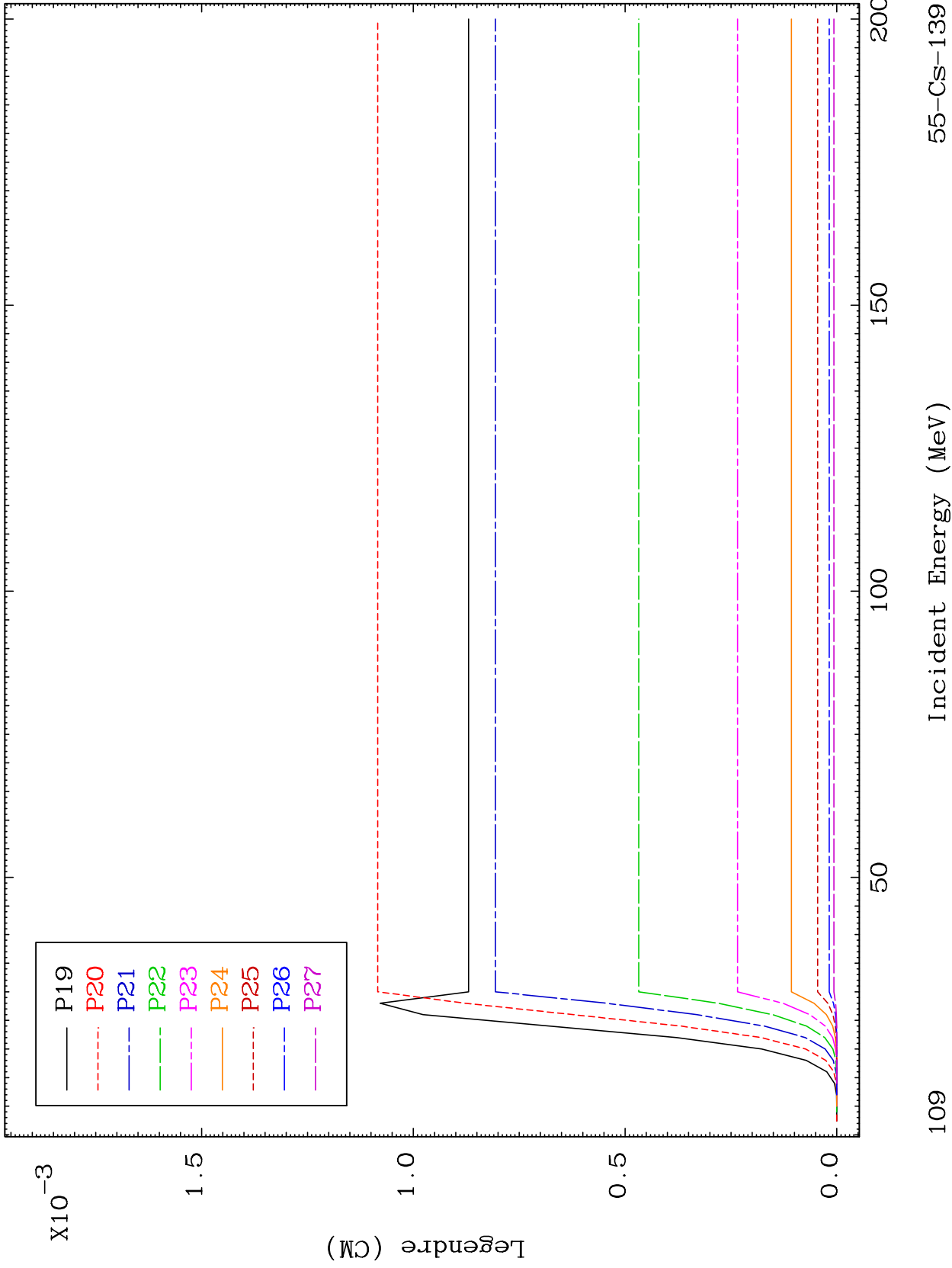
Incident Energy (MeV)

108

MAT 5543

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

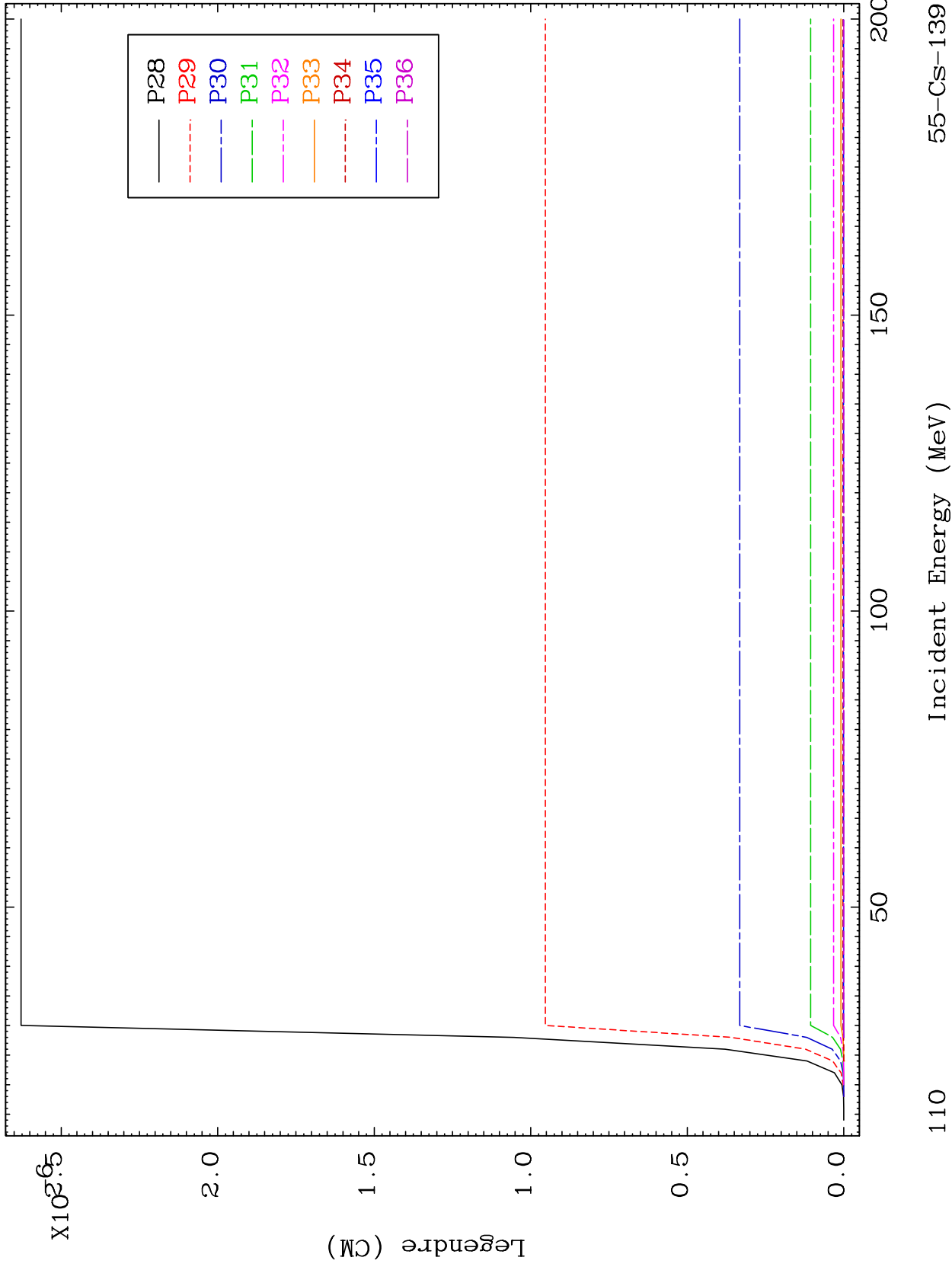
55-Cs-139



MAT 5543

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

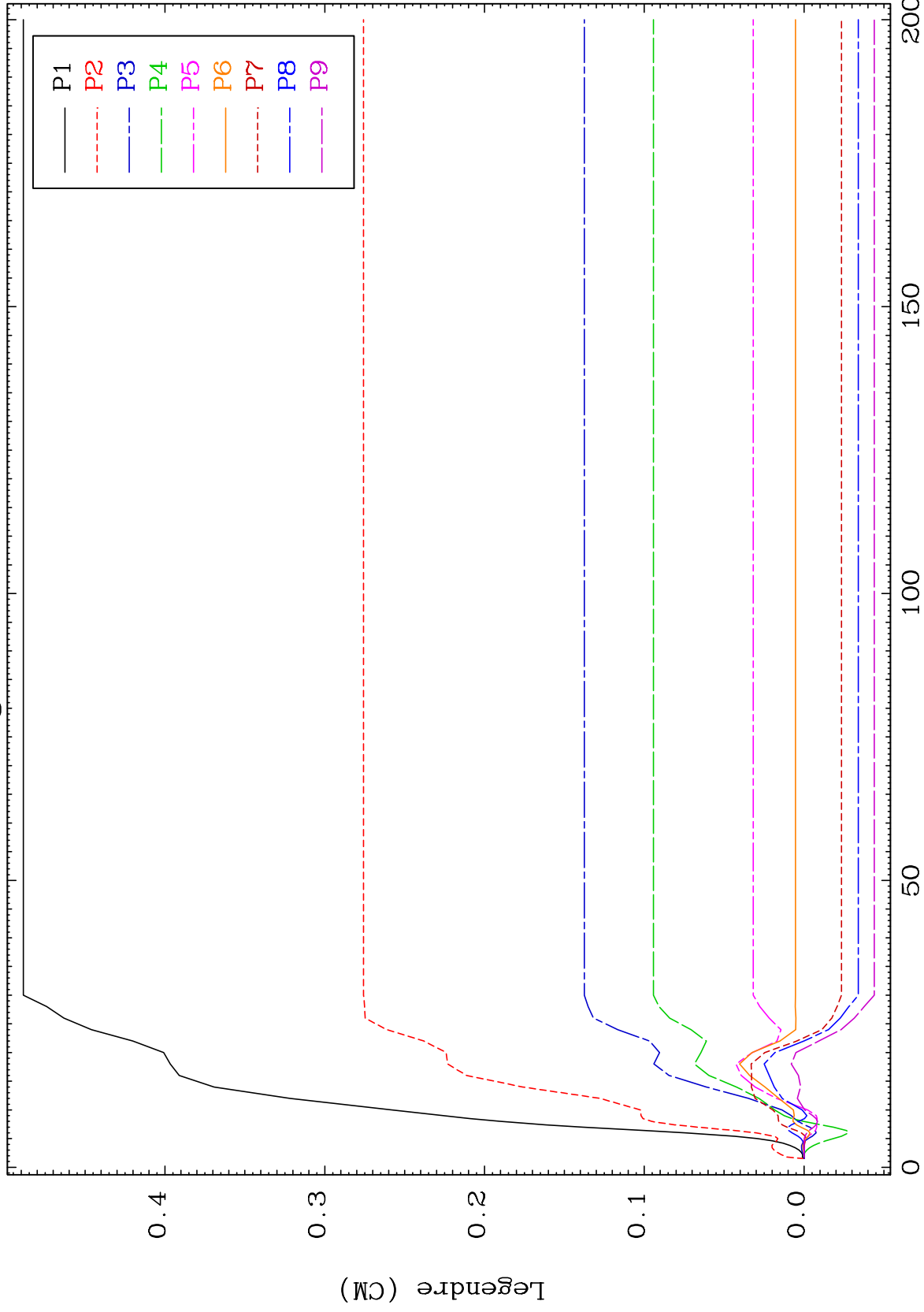
55-Cs-139



MAT 5543

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

55-Cs-139



111

Incident Energy (MeV)

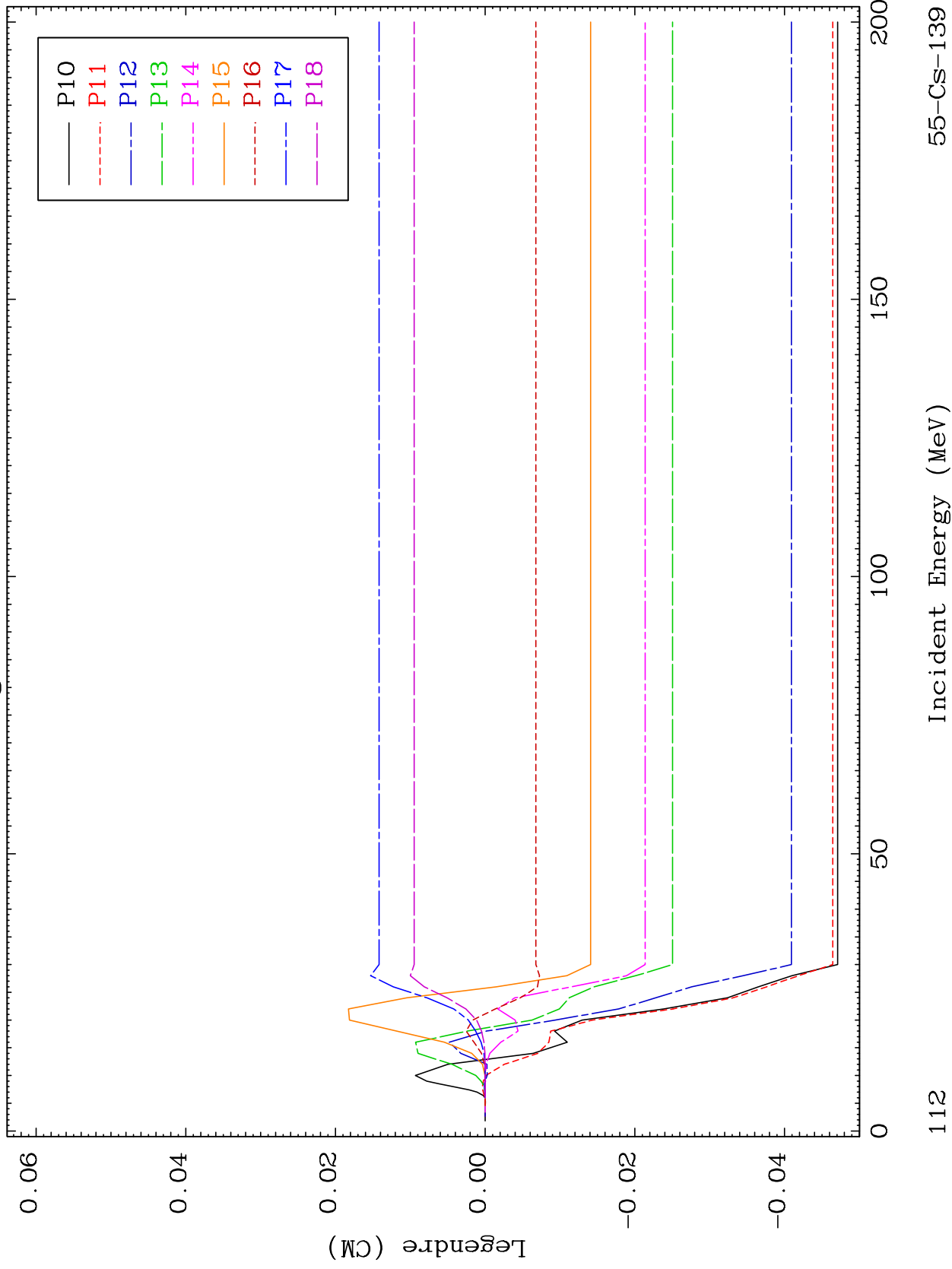
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

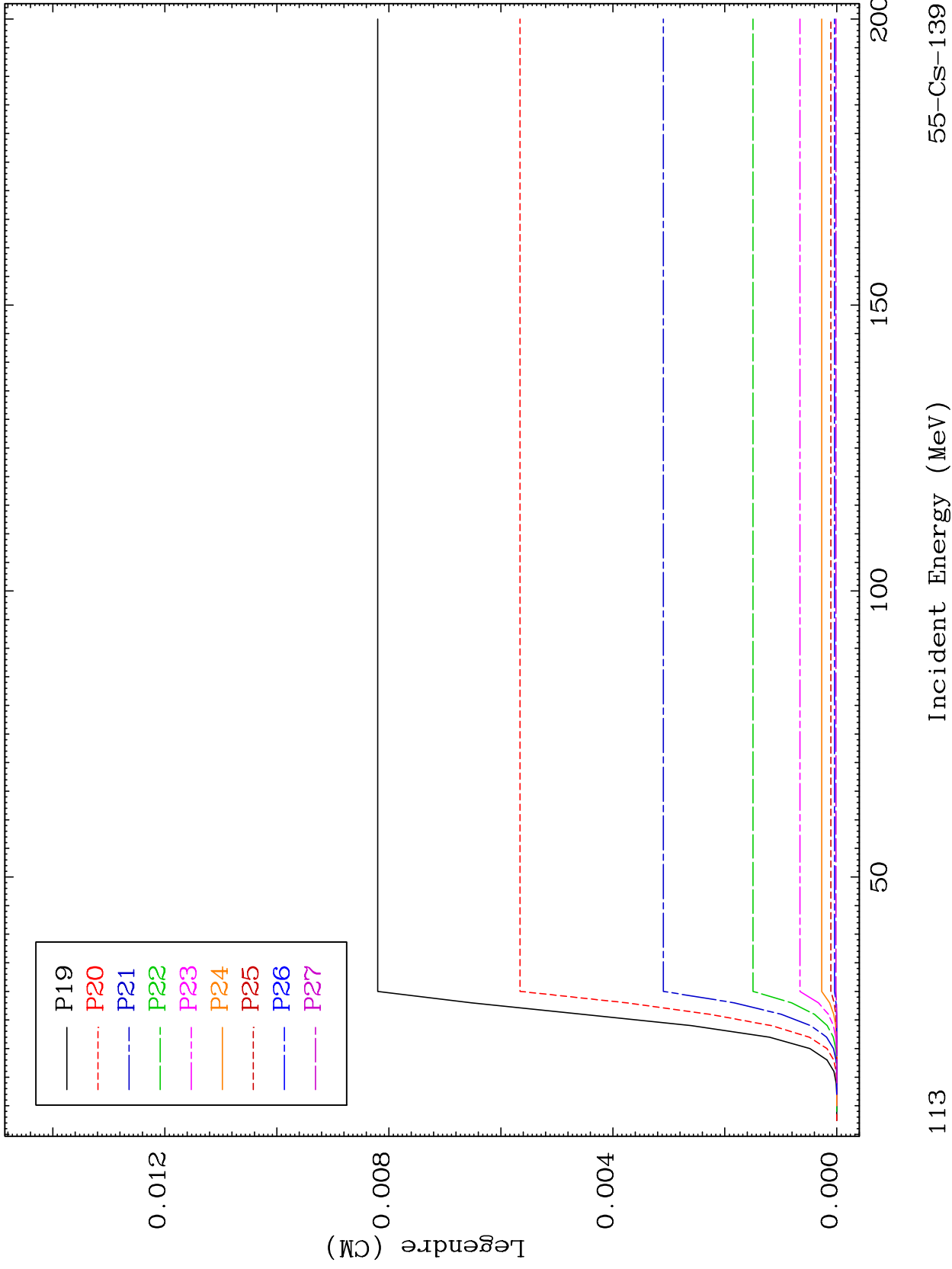
Incident Energy (MeV)

112

MAT 5543

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

55-Cs-139



113

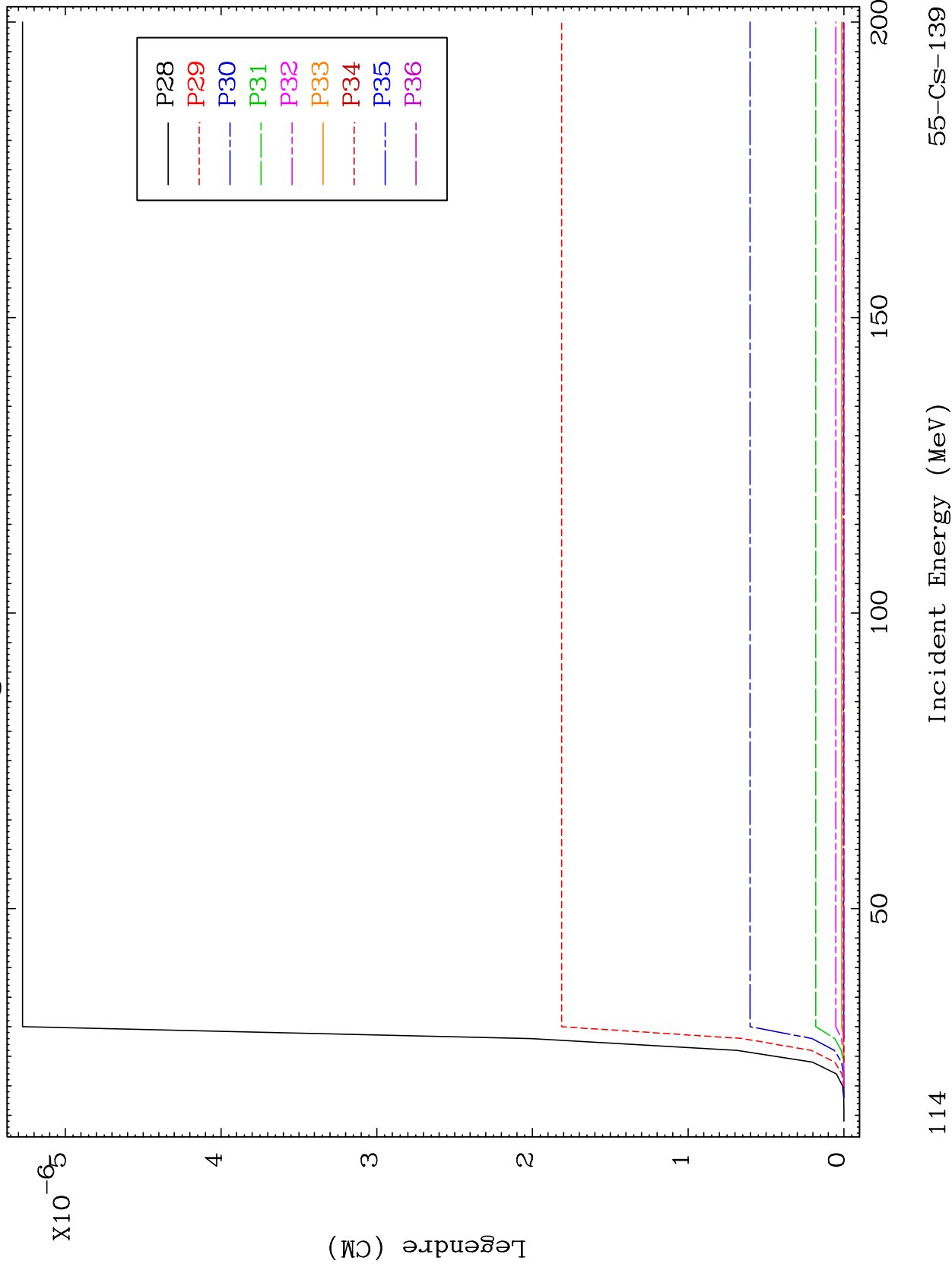
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



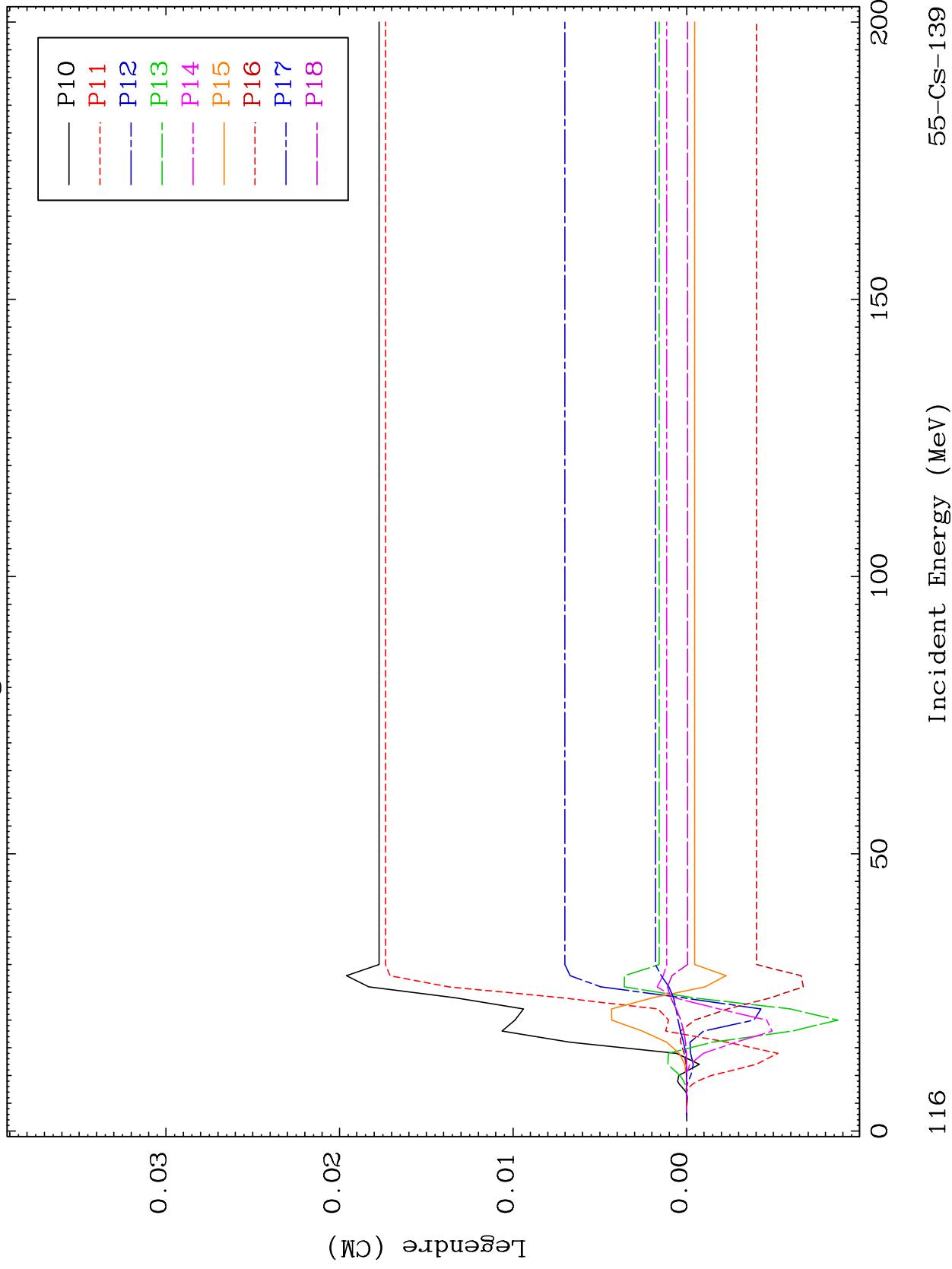
114



MAT 5543

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

55-Cs-139



55-Cs-139

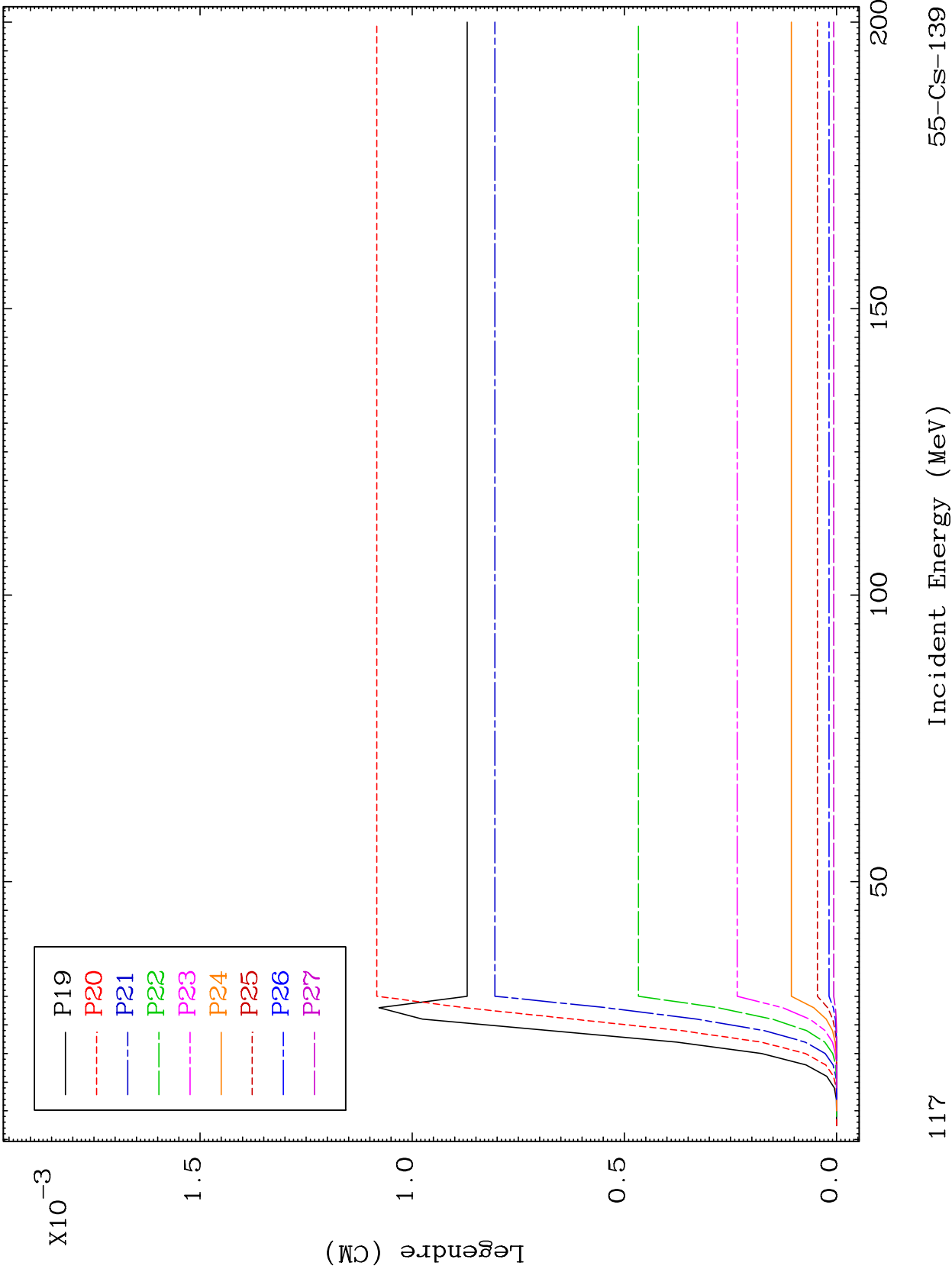
Incident Energy (MeV)

116

MAT 5543

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

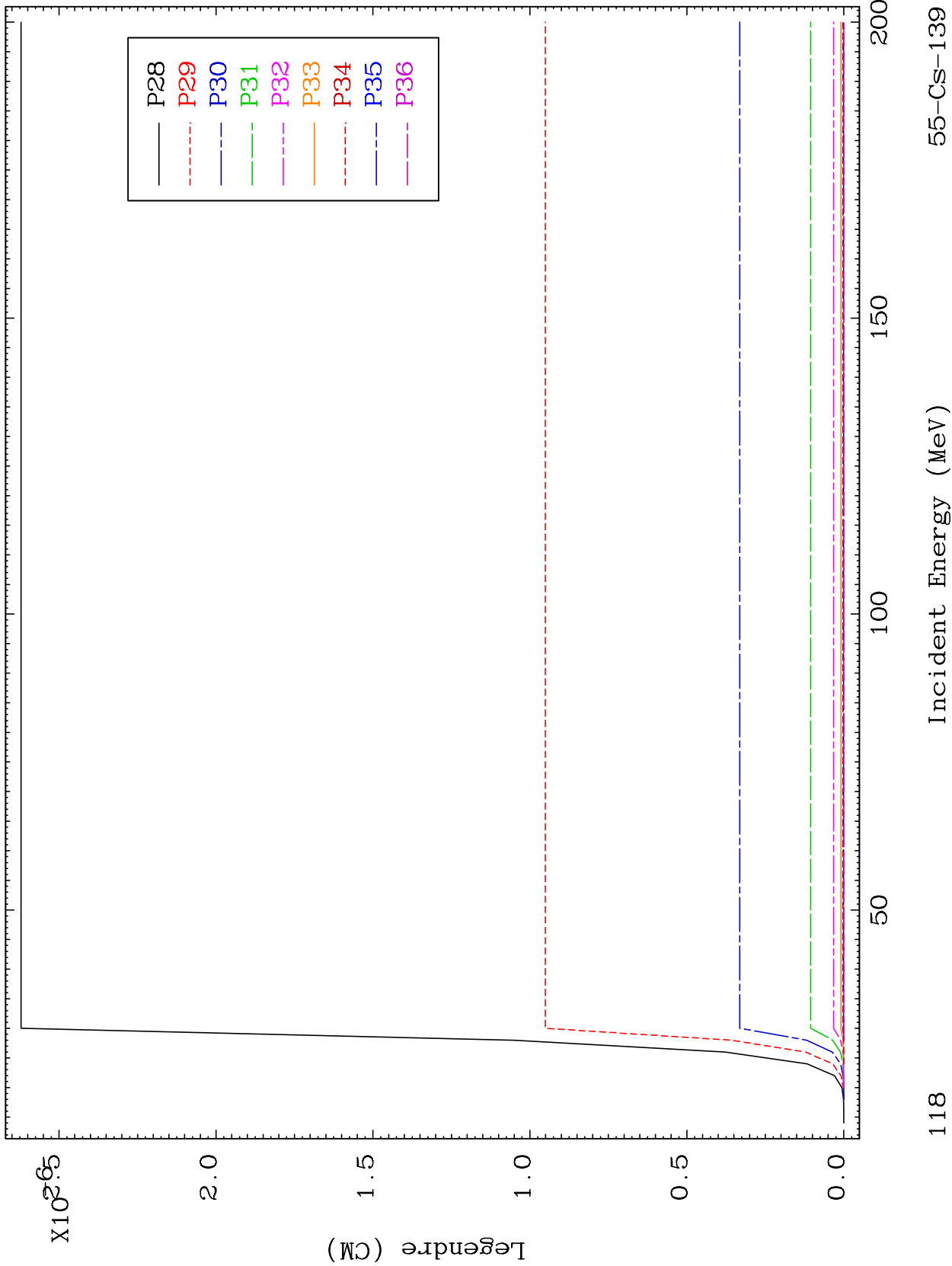
55-Cs-139



MAT 5543

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

55-Cs-139



118

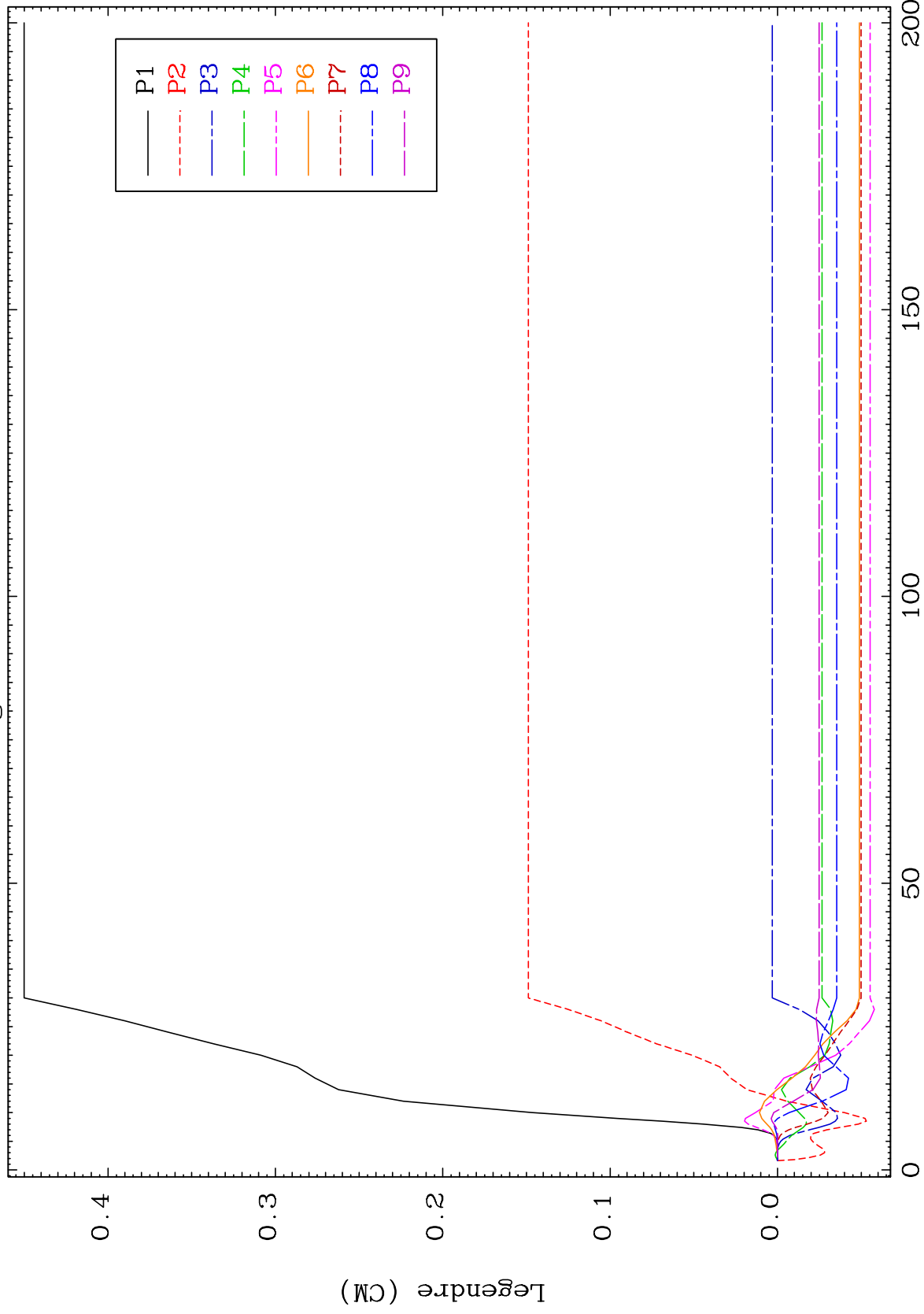
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



119

Incident Energy (MeV)

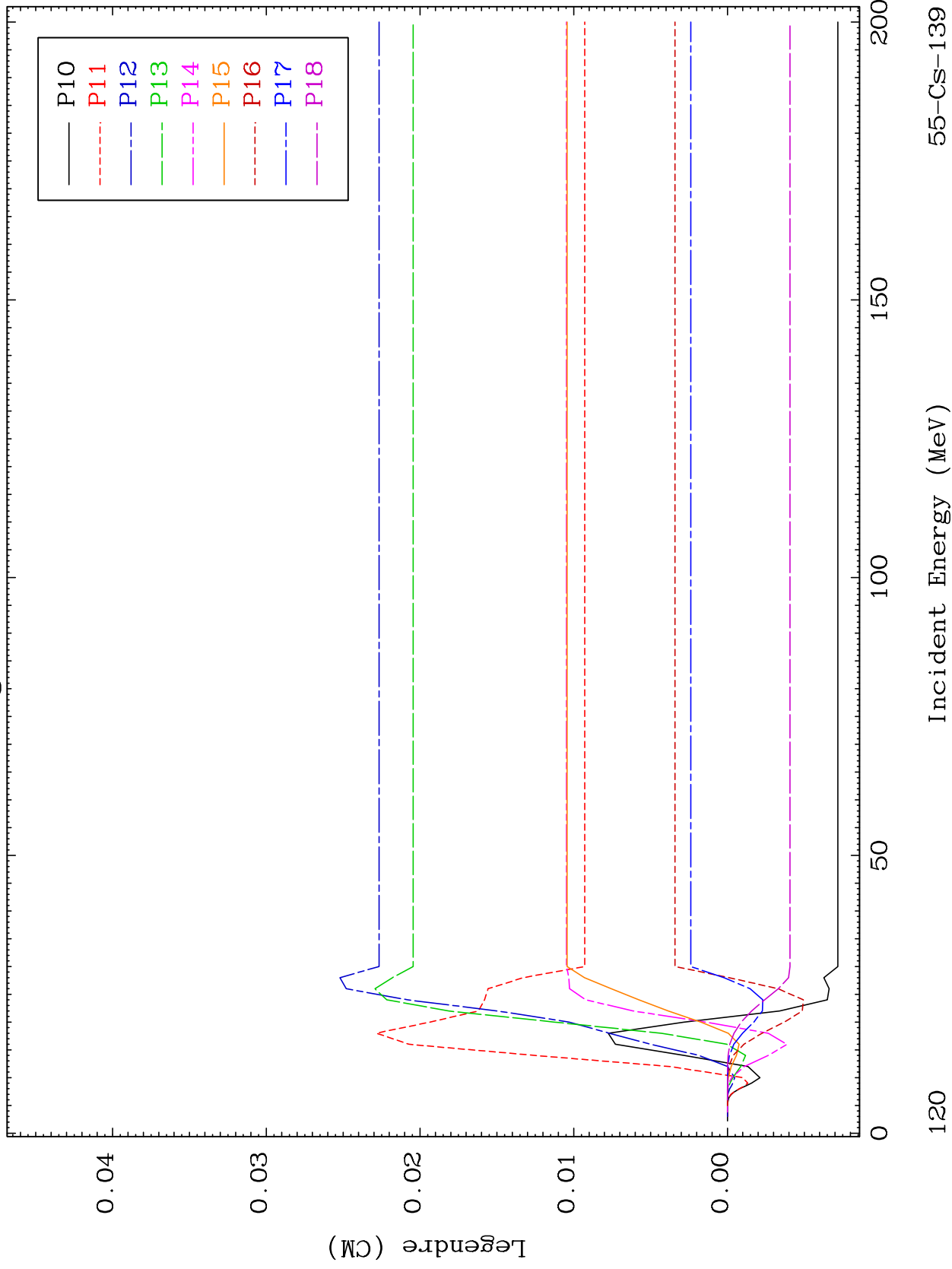
55-Cs-139



MAT 5543

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

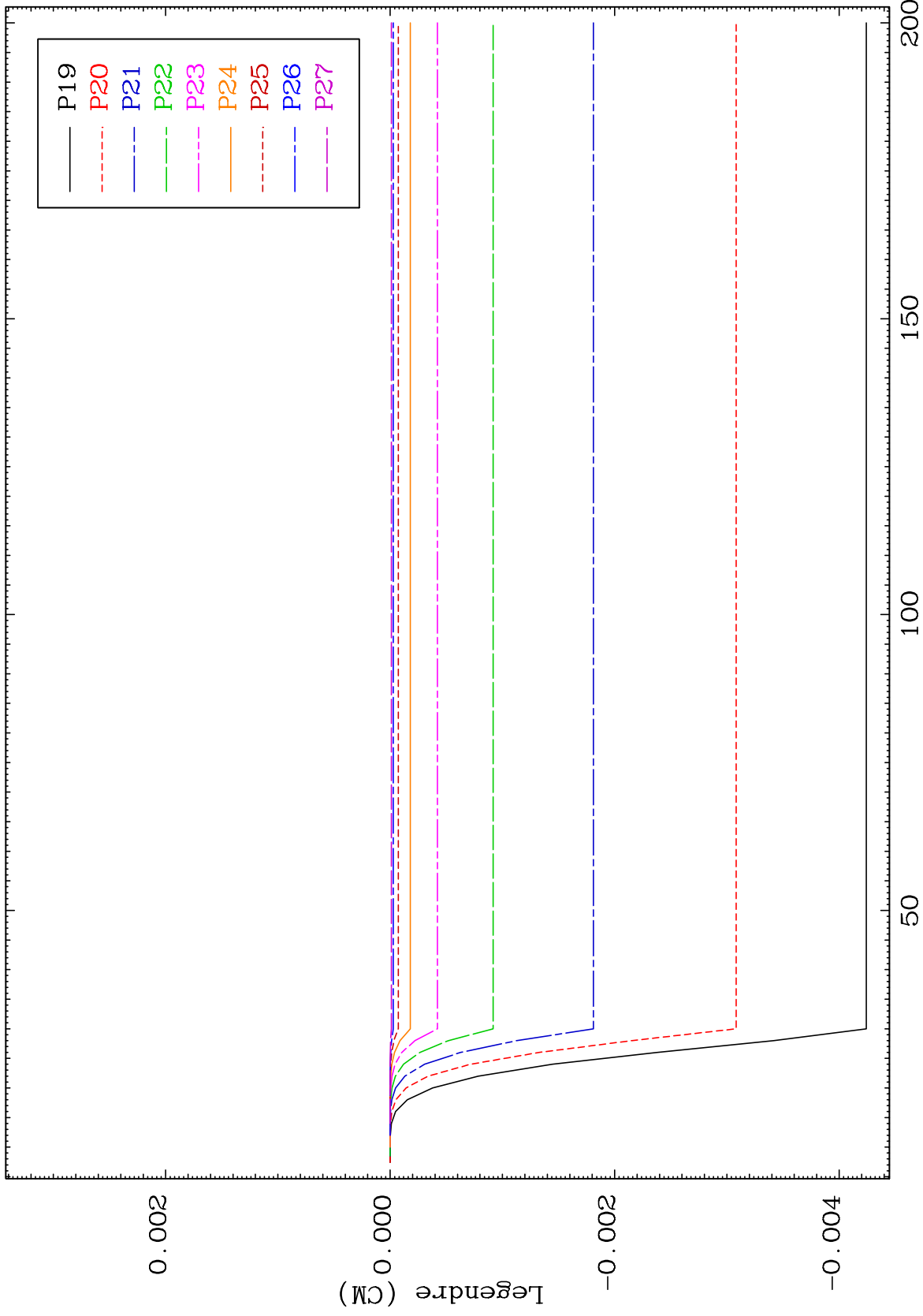
55-Cs-139



MAT 5543

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

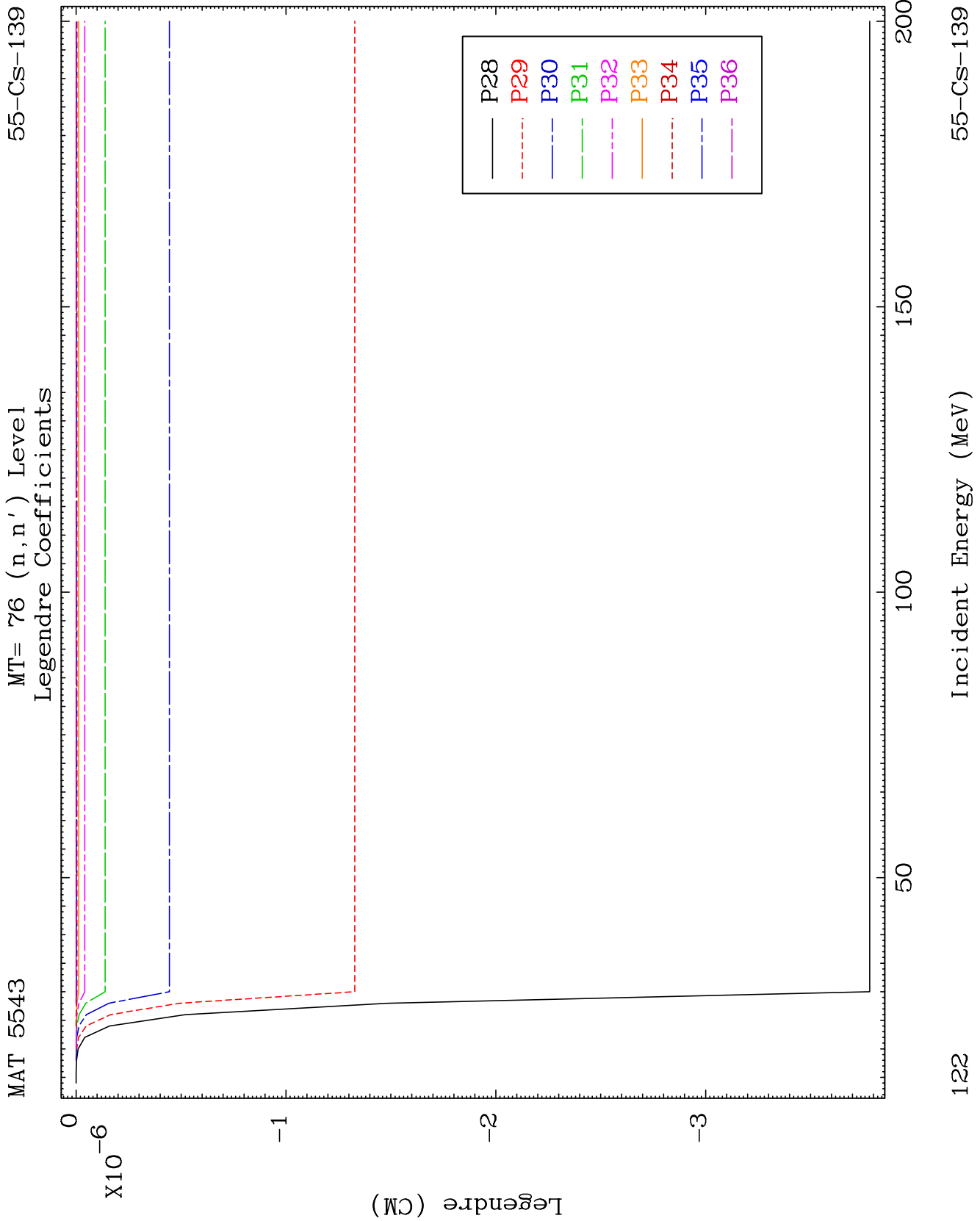
55-Cs-139



121

Incident Energy (MeV)

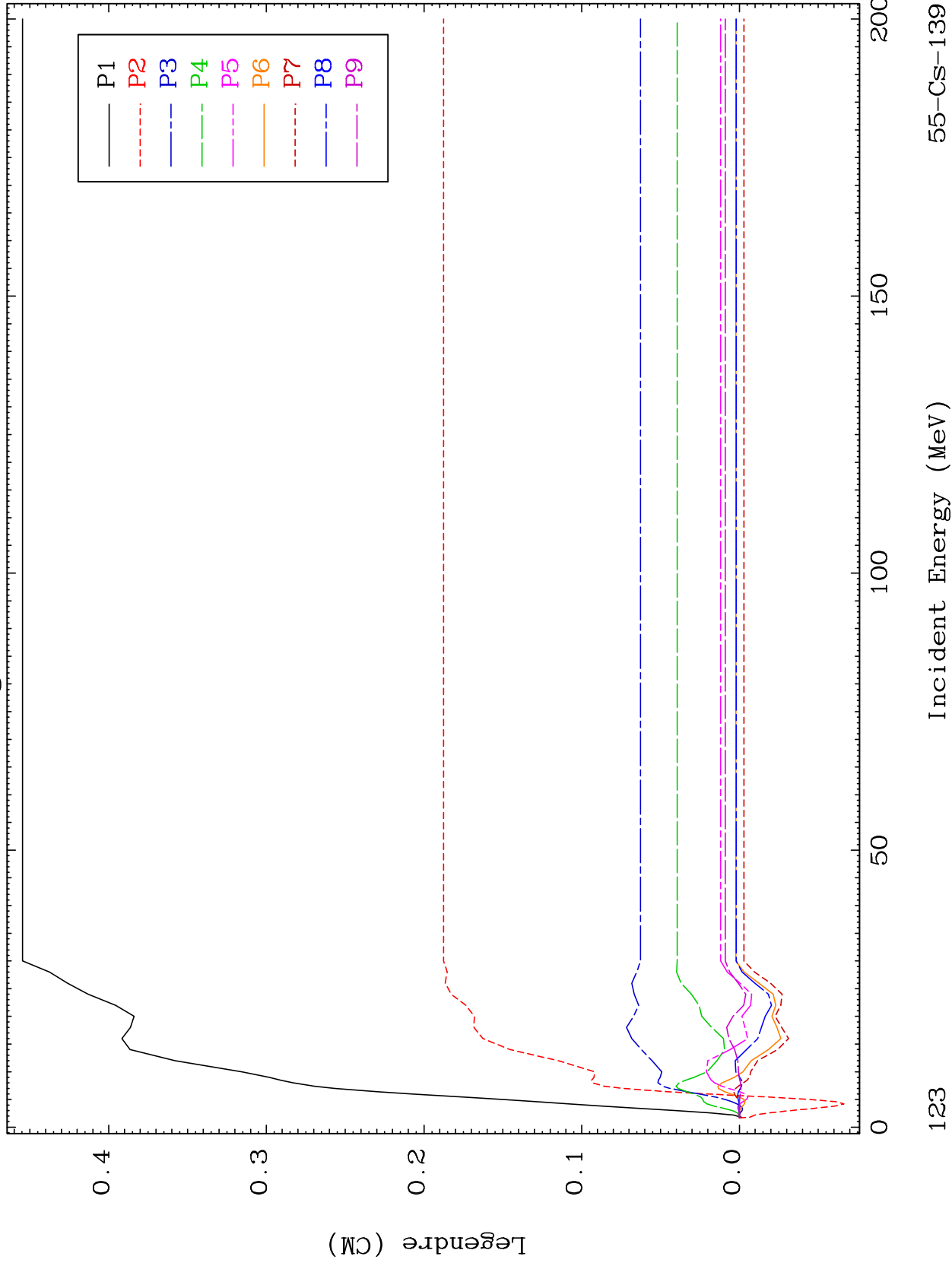
55-Cs-139



MAT 5543

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

55-Cs-139



55-Cs-139

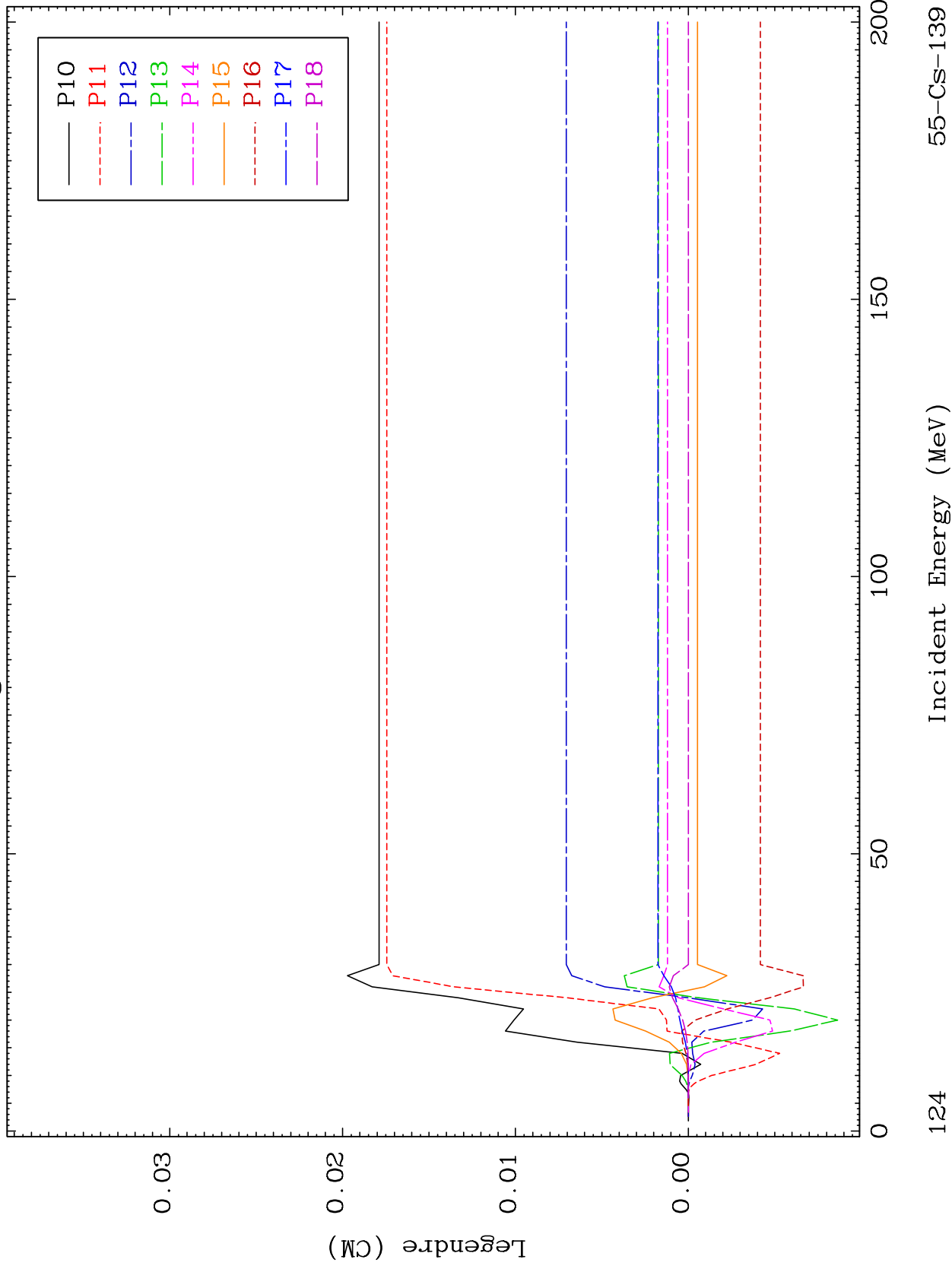
Incident Energy (MeV)

123

MAT 5543

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

55-Cs-139



55-Cs-139

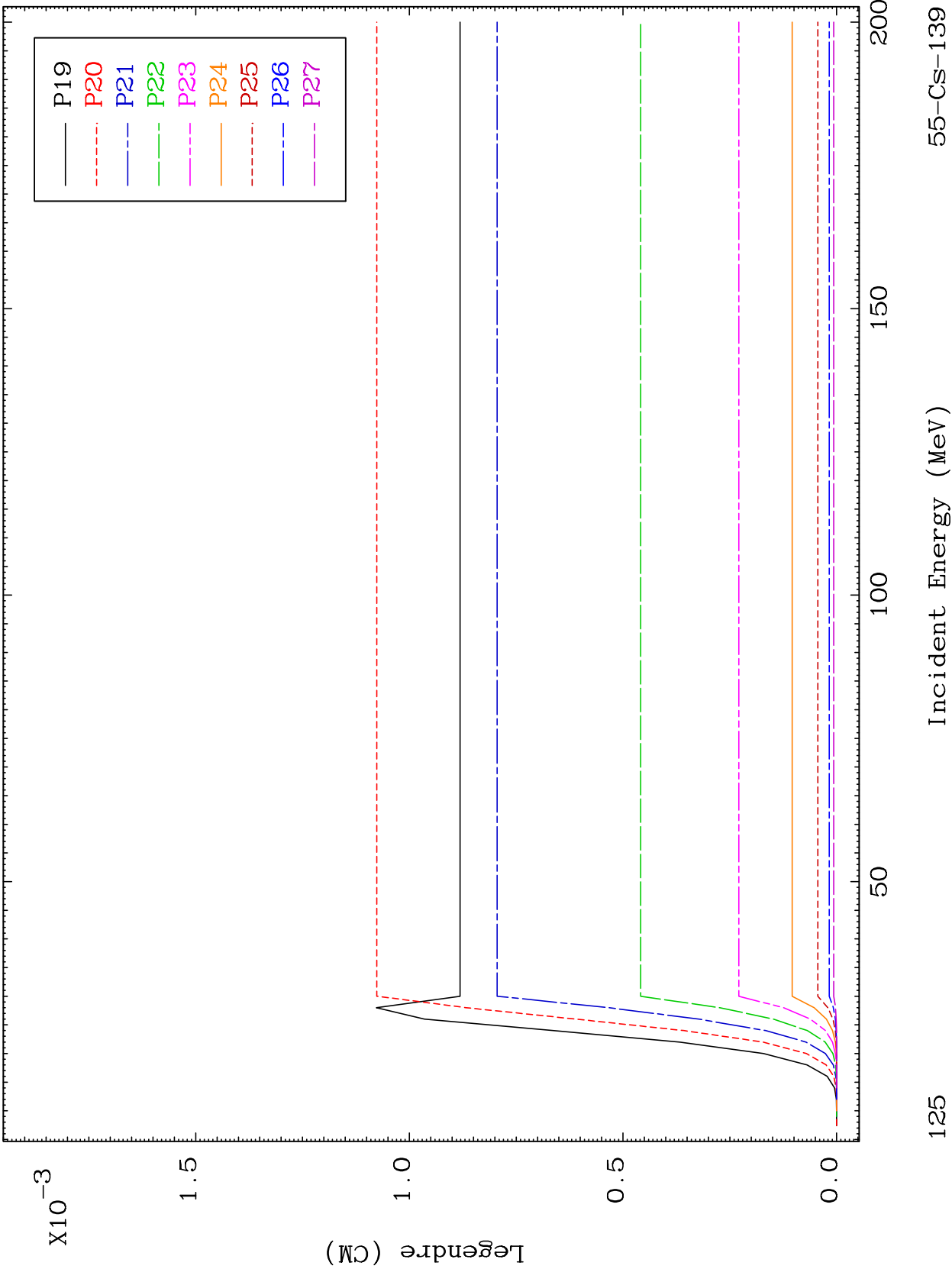
Incident Energy (MeV)

124

MAT 5543

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

55-Cs-139



55-Cs-139

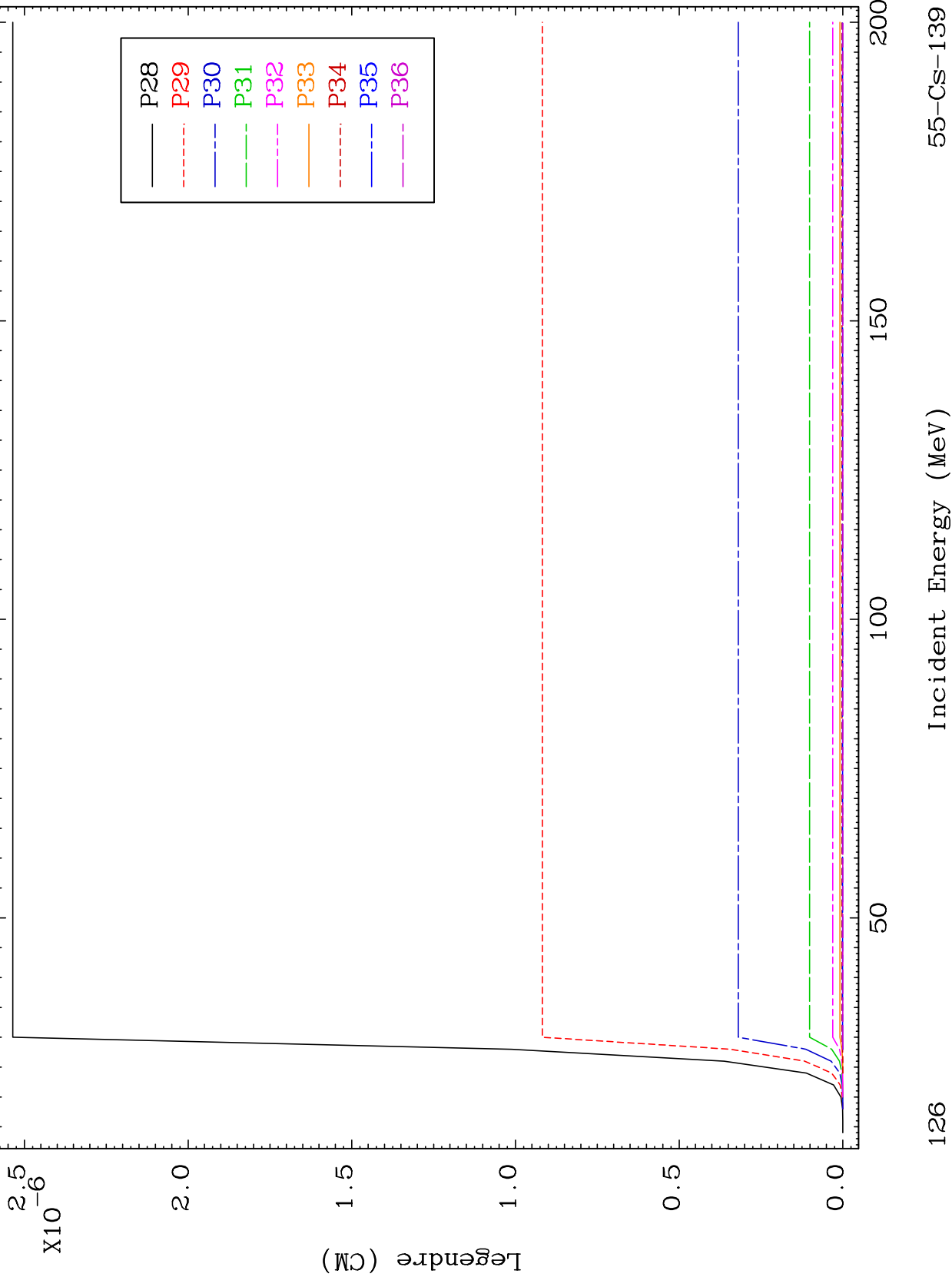
Incident Energy (MeV)

125

MAT 5543

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

55-Cs-139



126

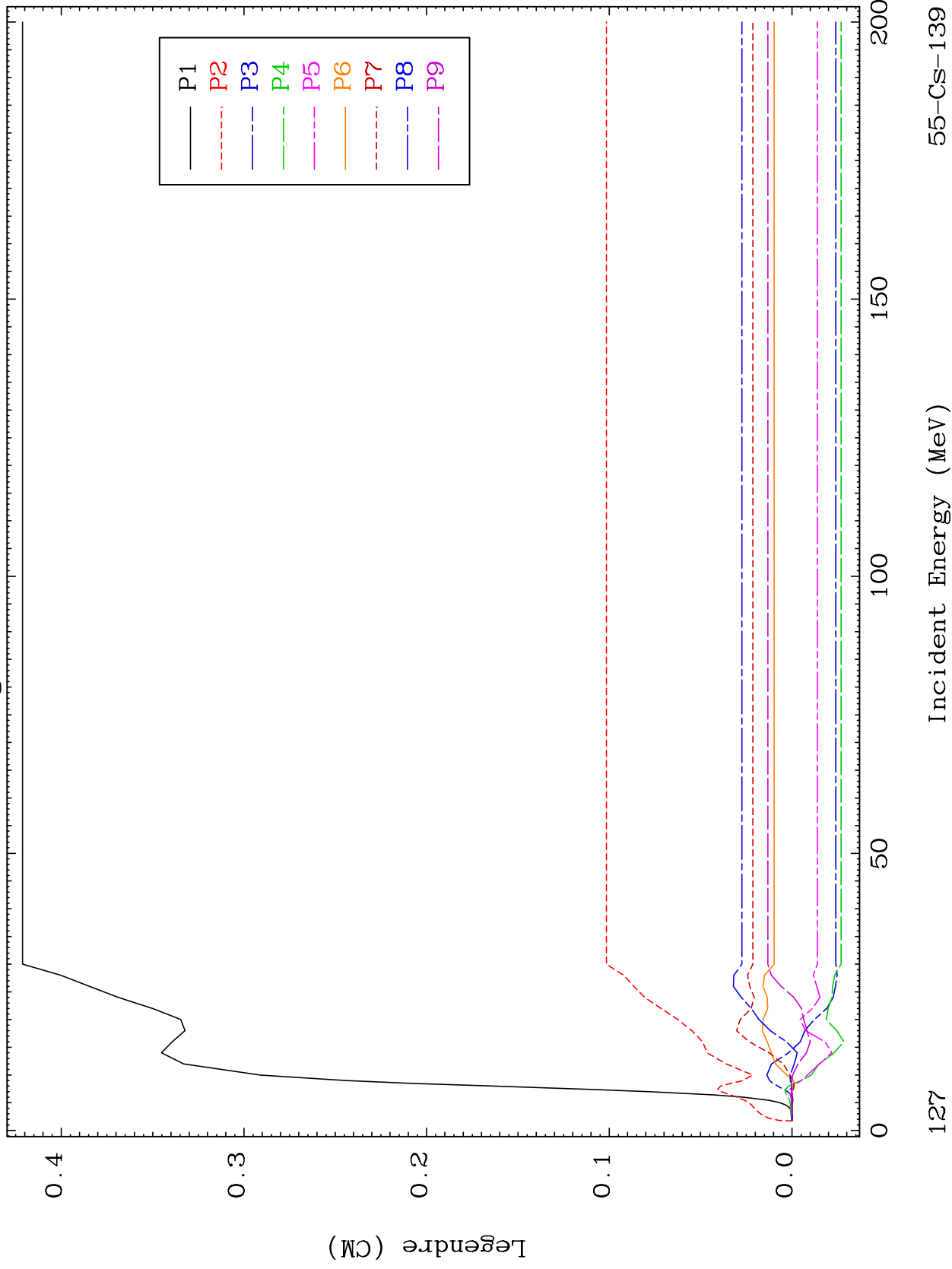
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



127

Incident Energy (MeV)

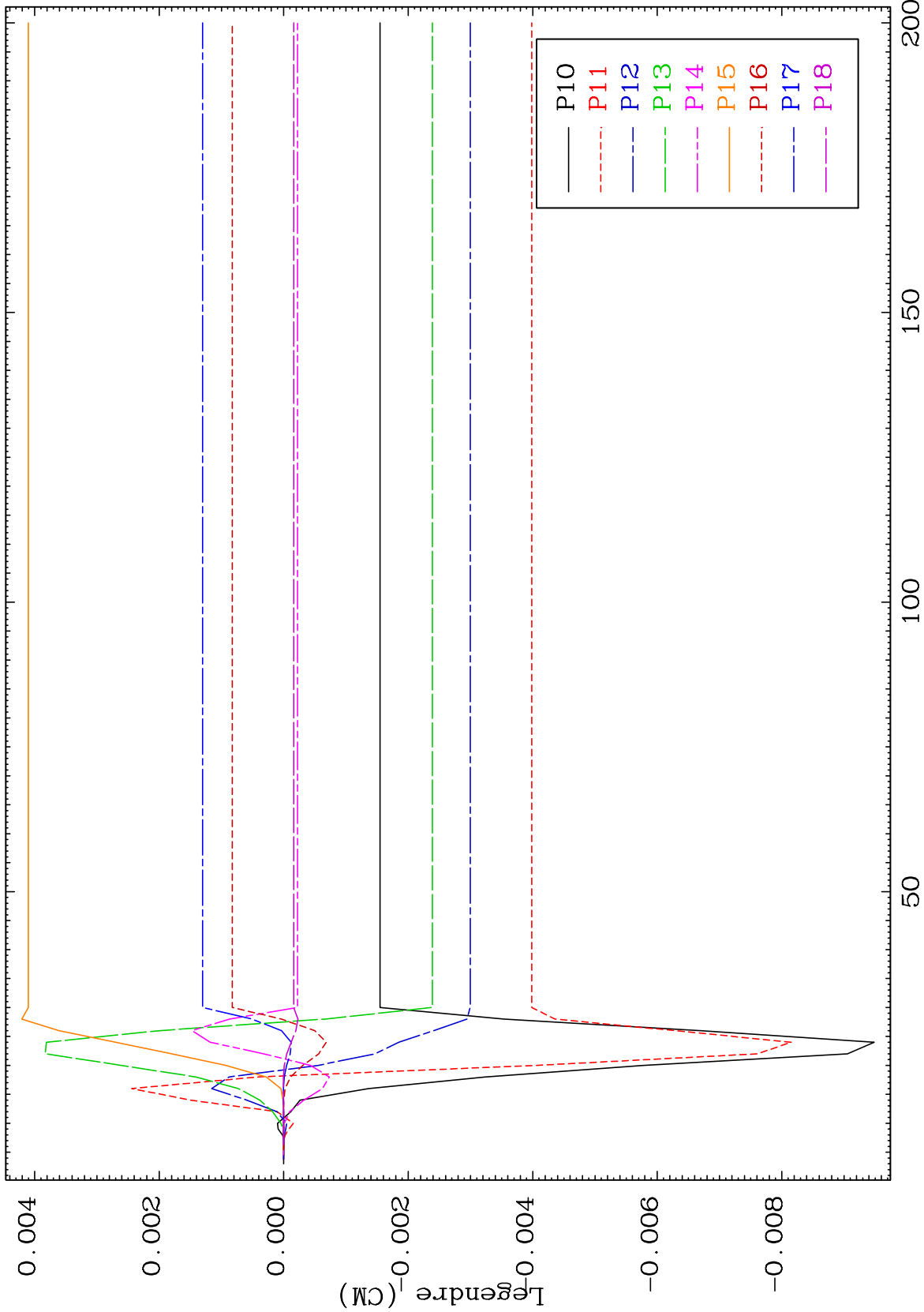
55-Cs-139



MAT 5543

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

55-Cs-139



128

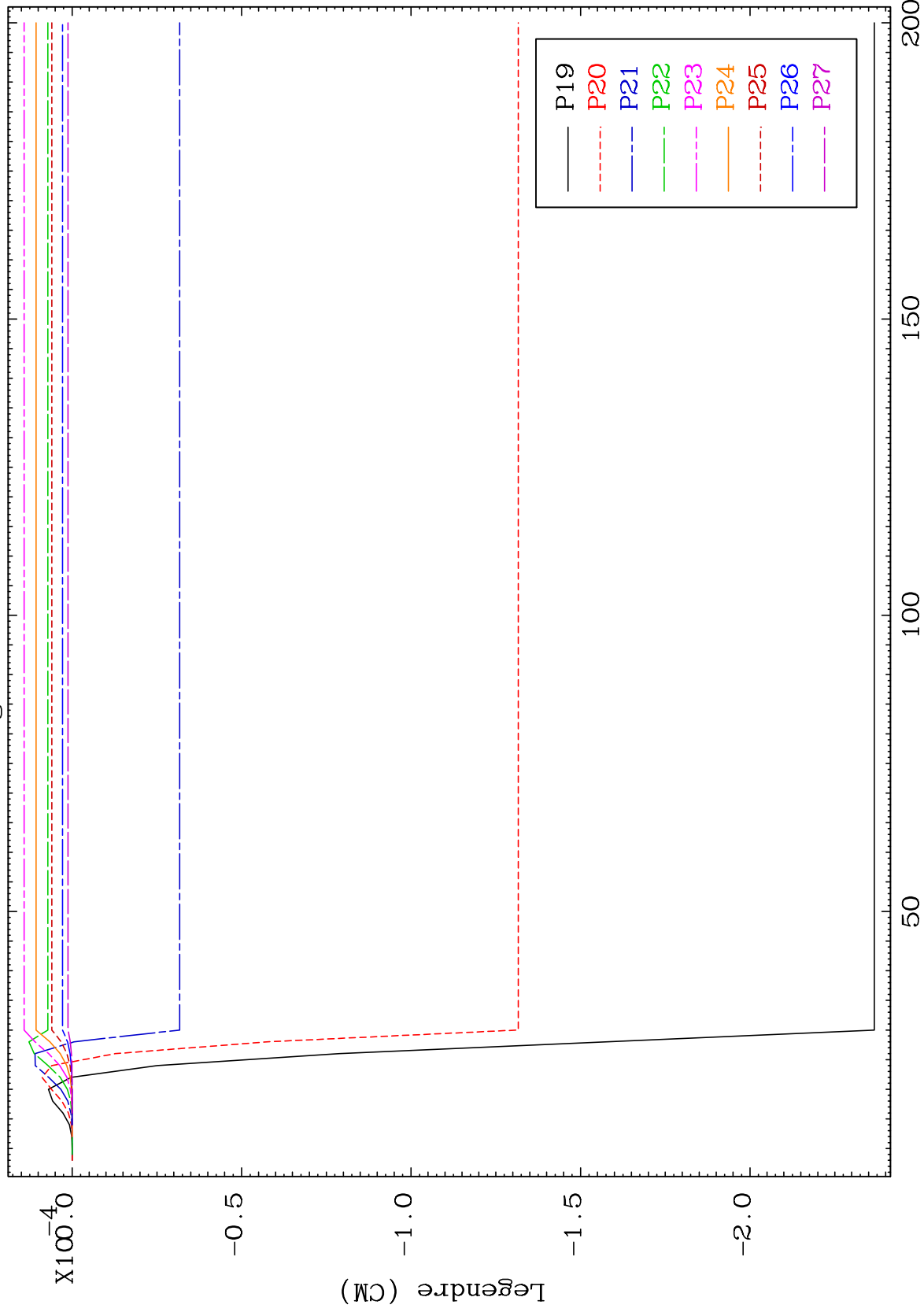
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



129

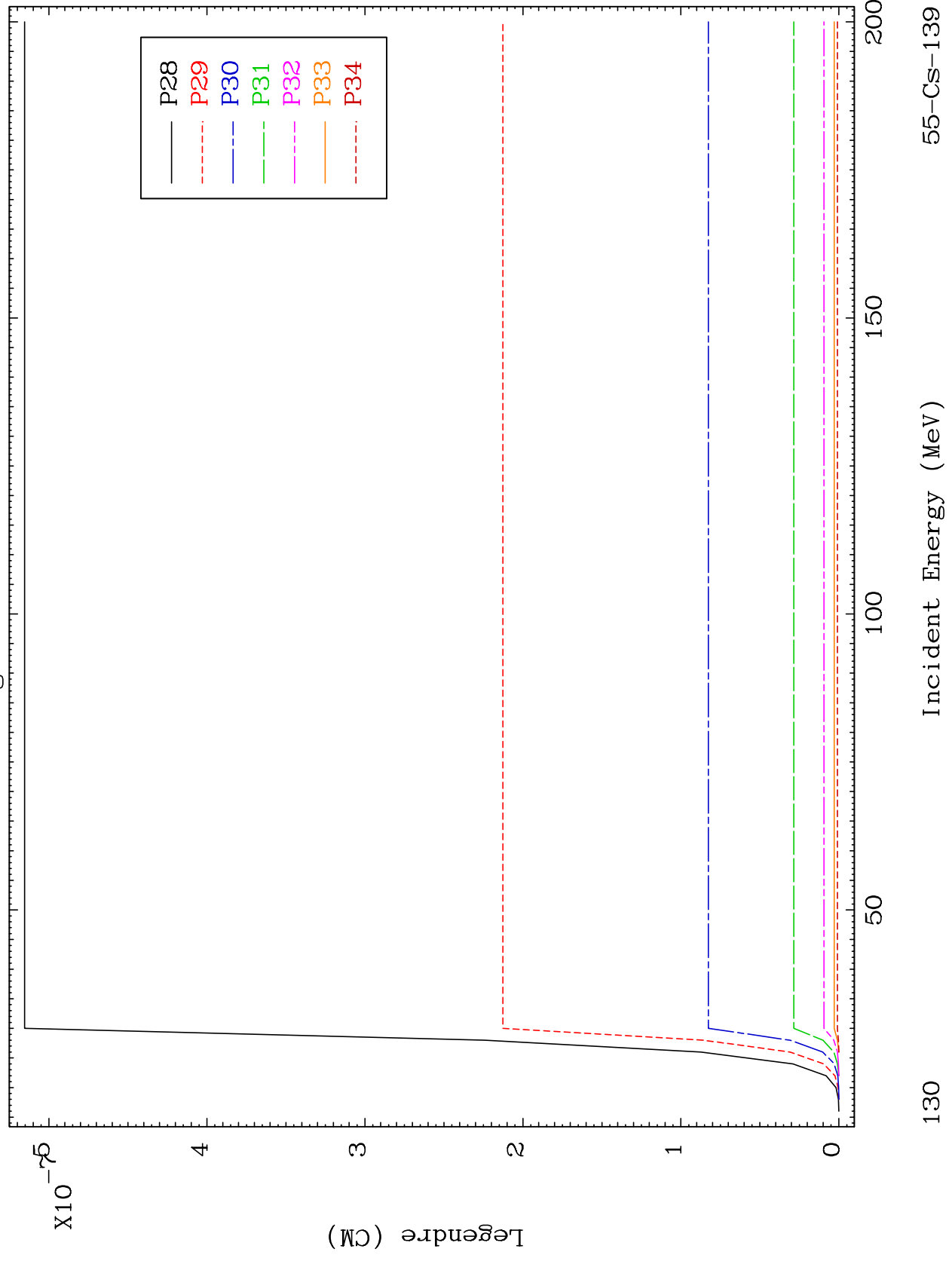
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

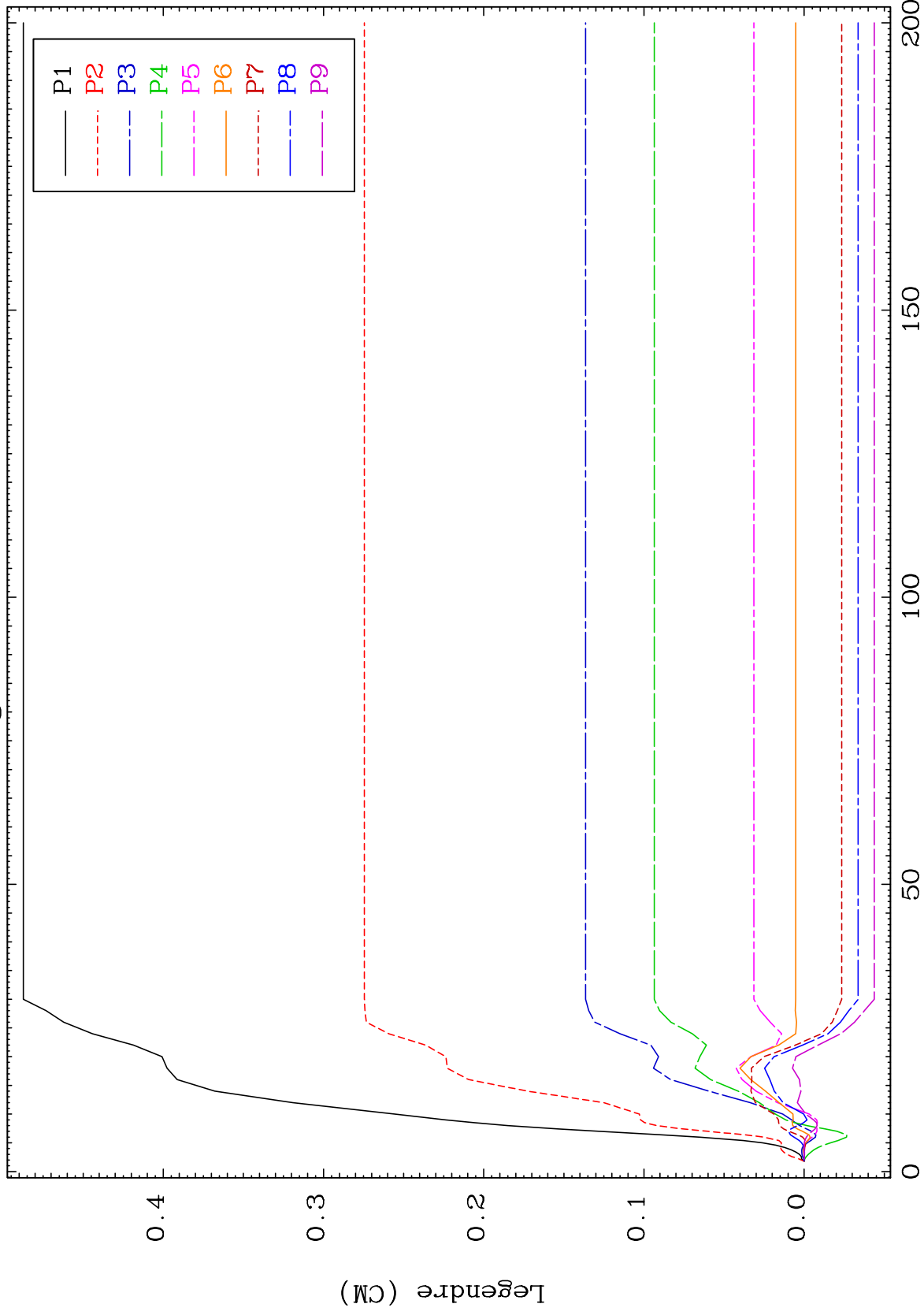
55-Cs-139



MAT 5543

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

55-Cs-139



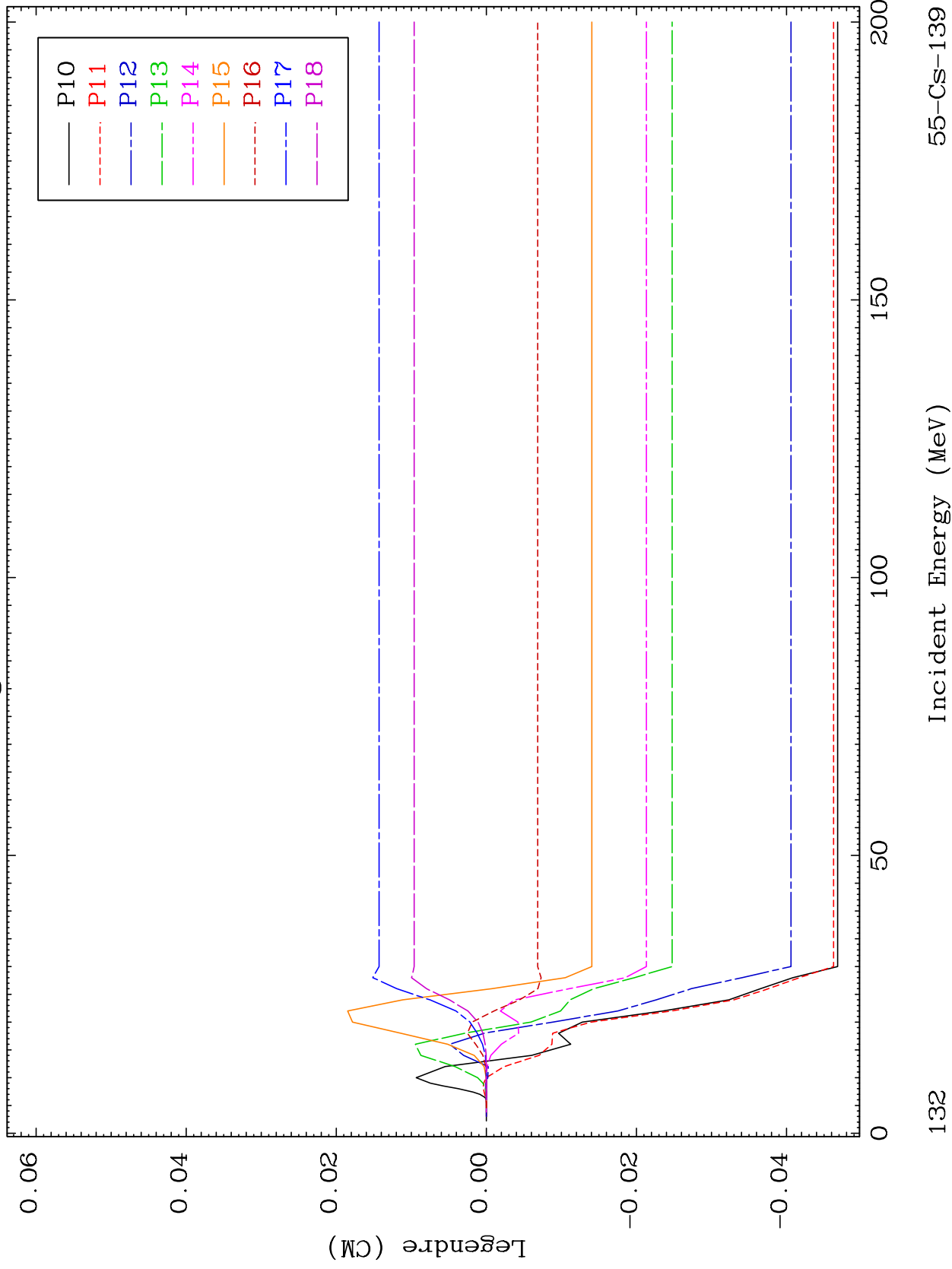
131

55-Cs-139

MAT 5543

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

55-Cs-139



132

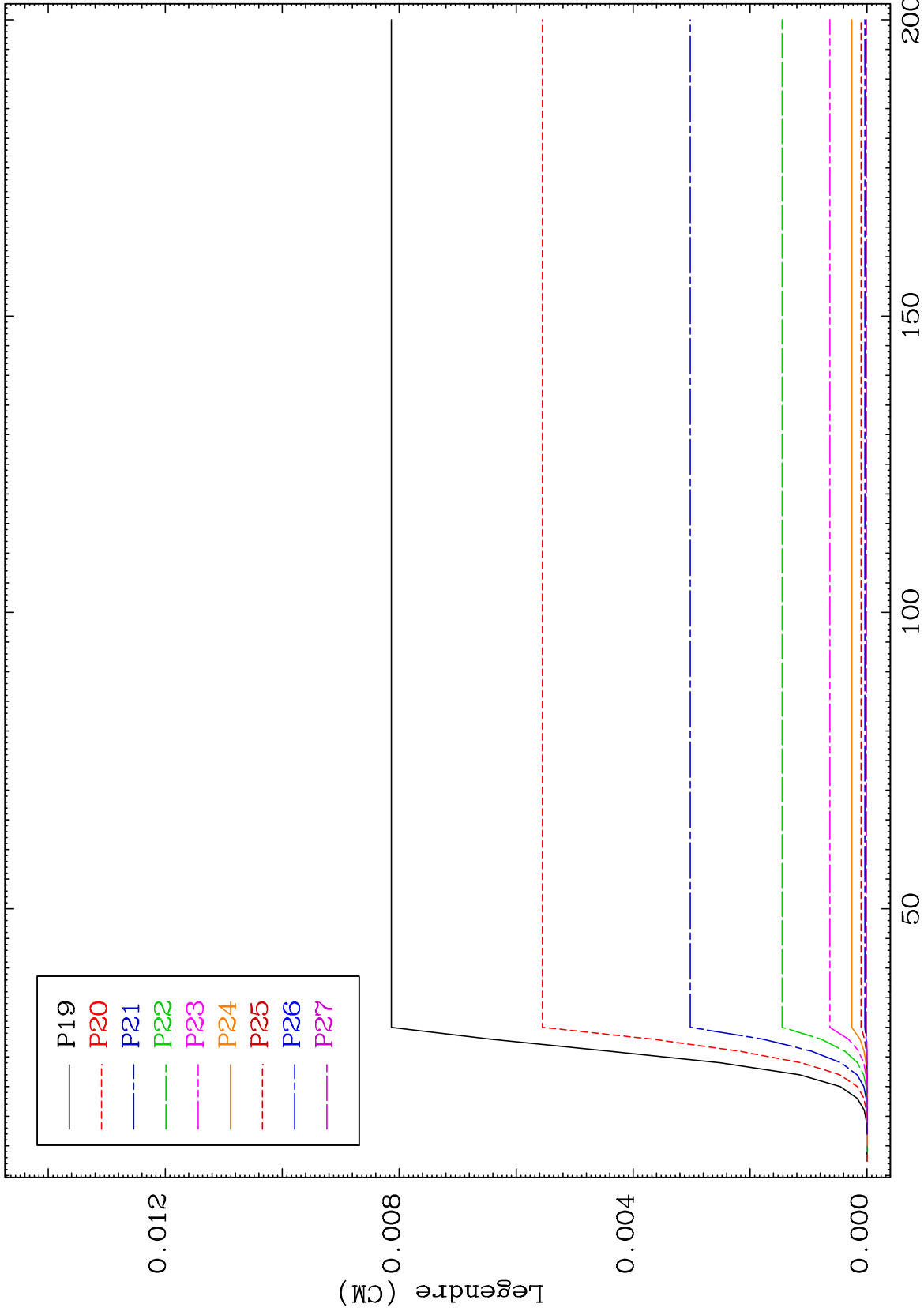
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



133

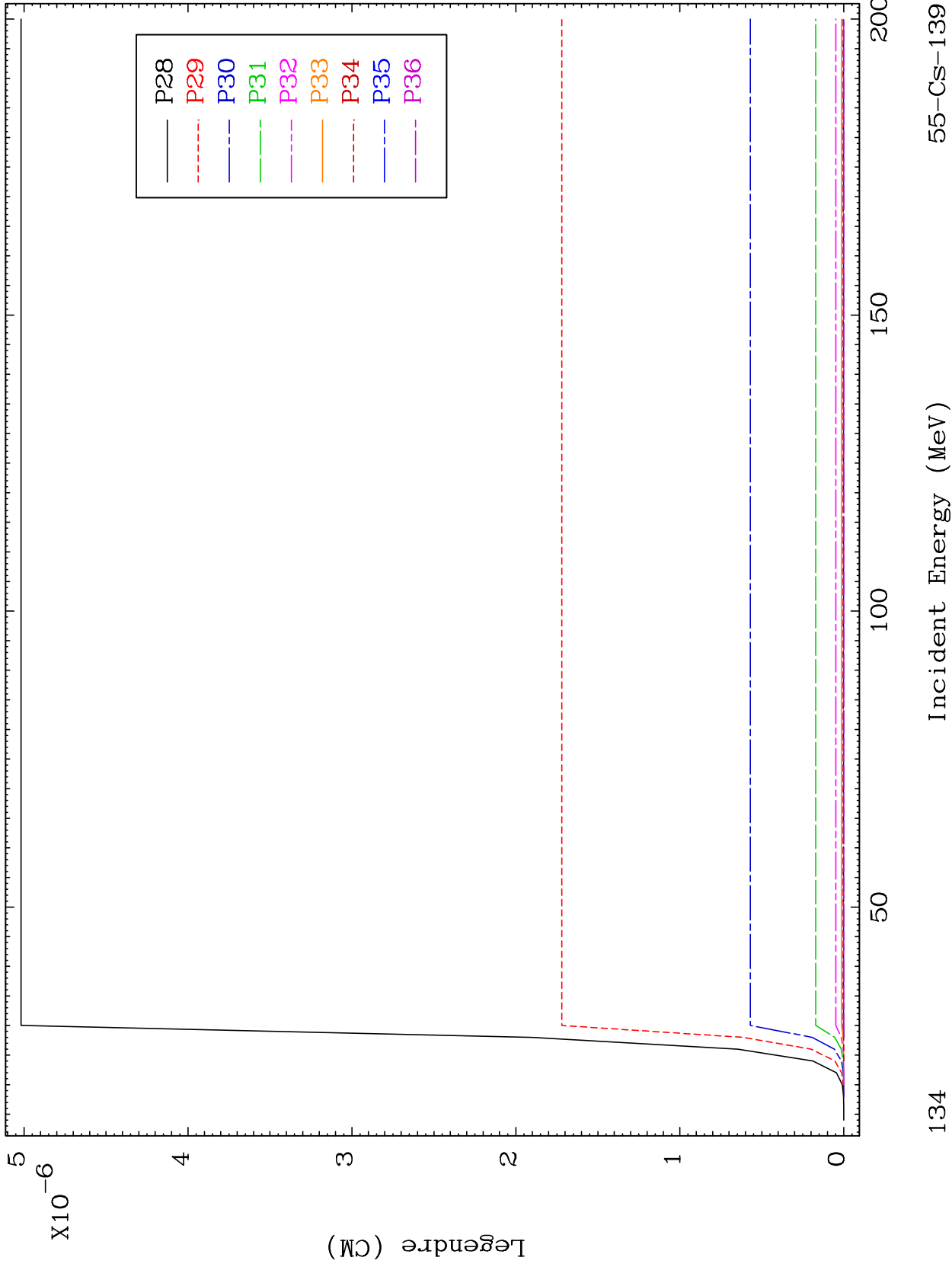
Incident Energy (MeV)

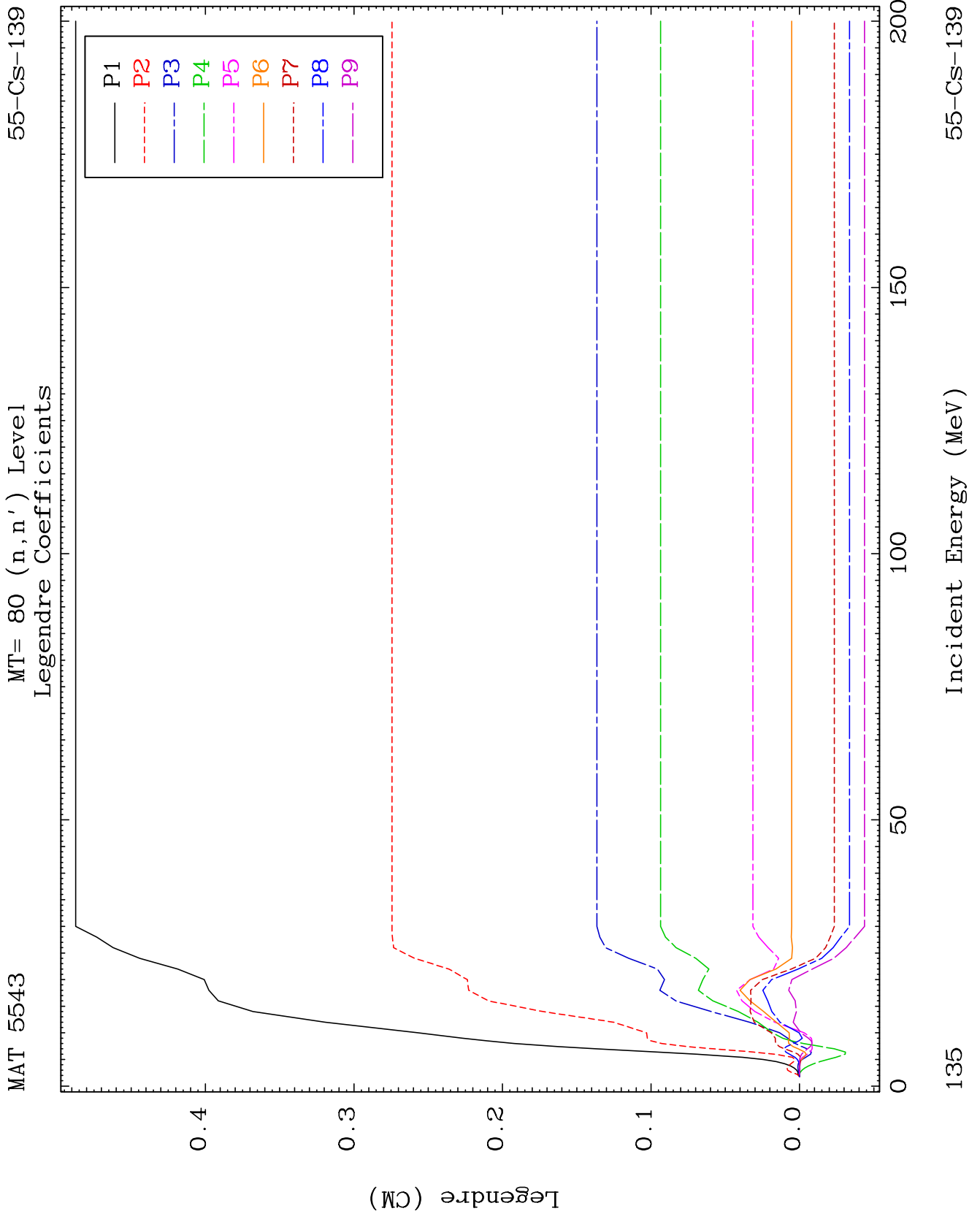
55-Cs-139

MAT 5543

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

55-Cs-139



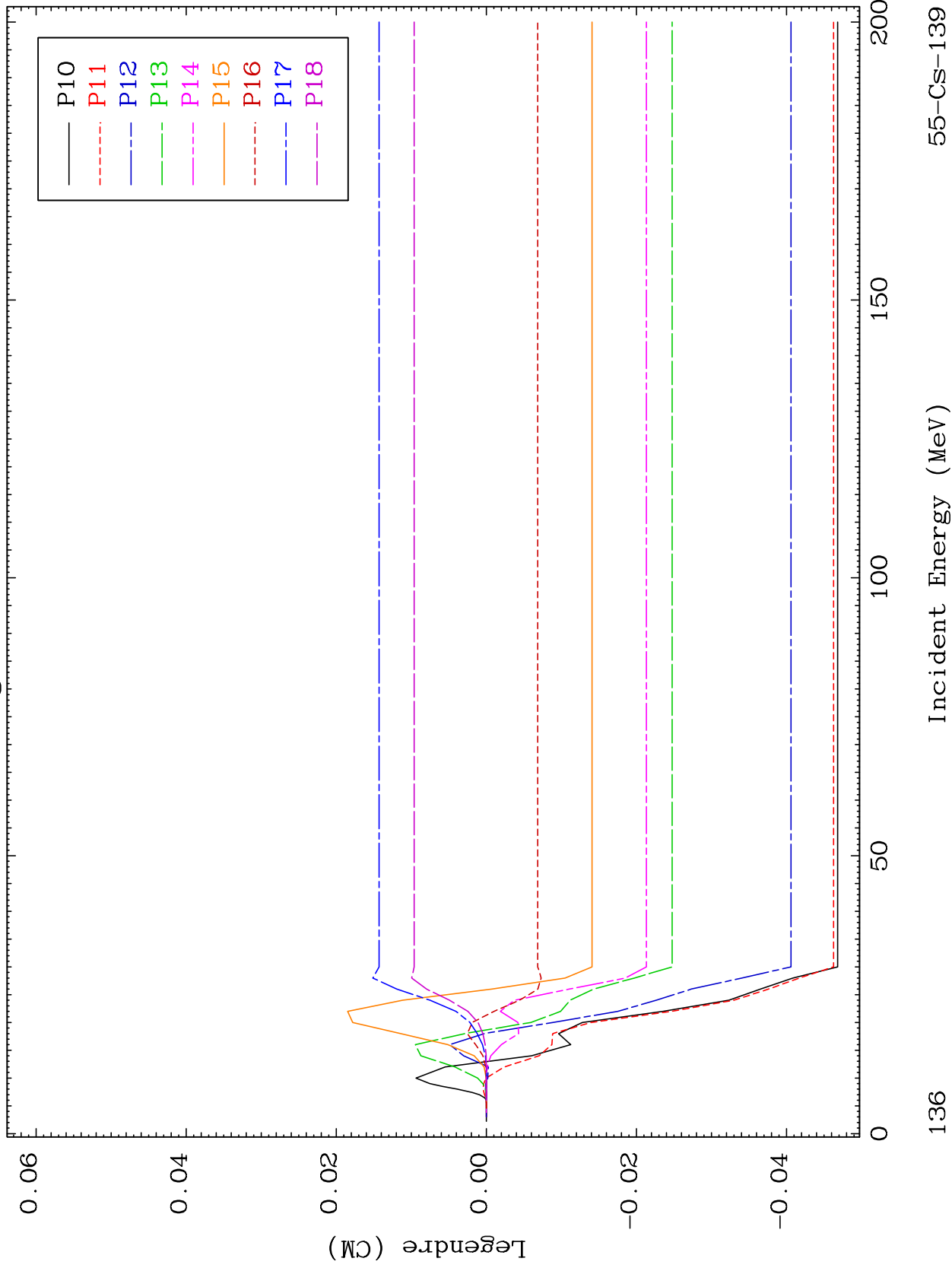




MAT 5543

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

55-Cs-139



55-Cs-139

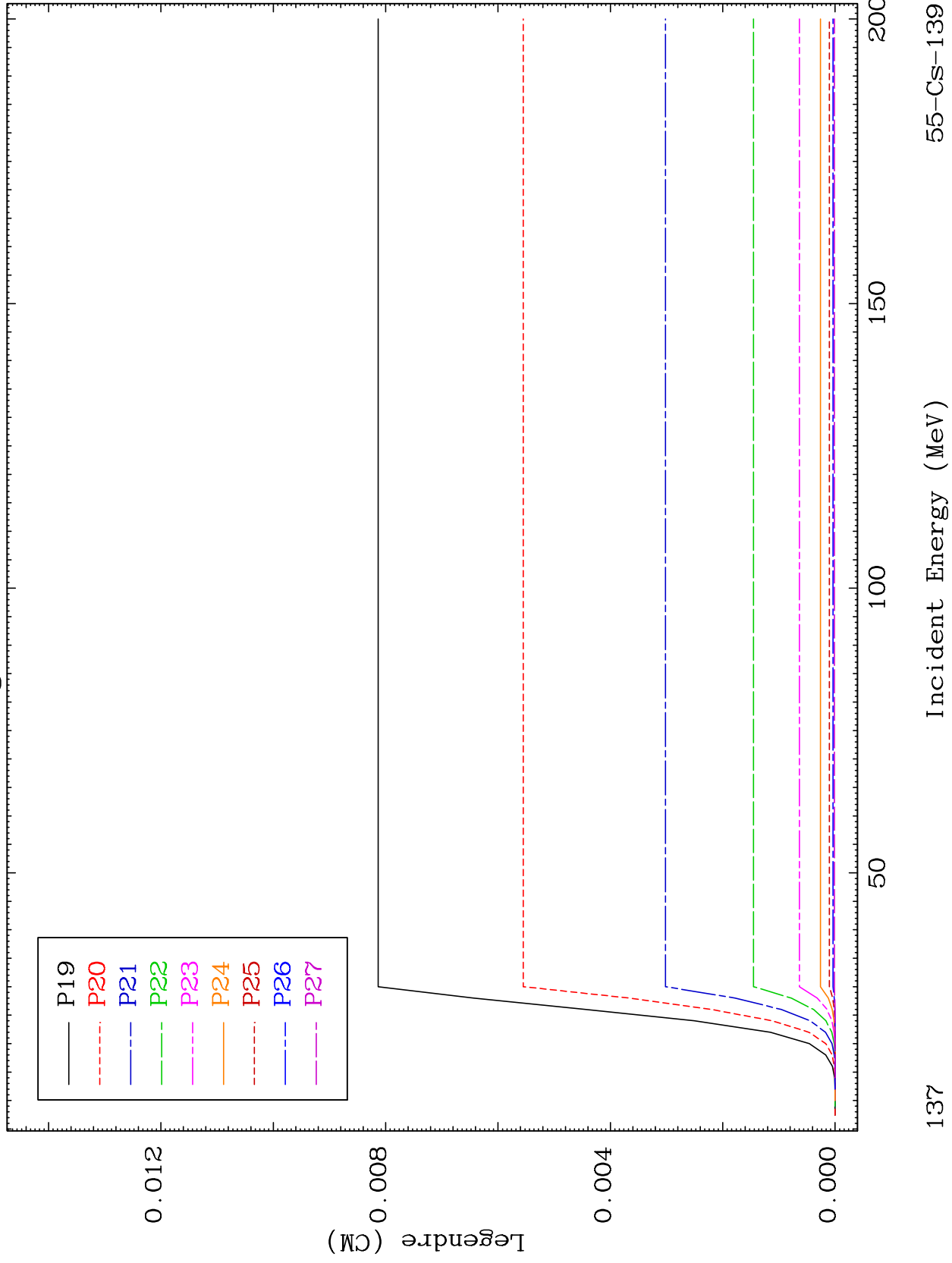
Incident Energy (MeV)

136

MAT 5543

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

55-Cs-139



137

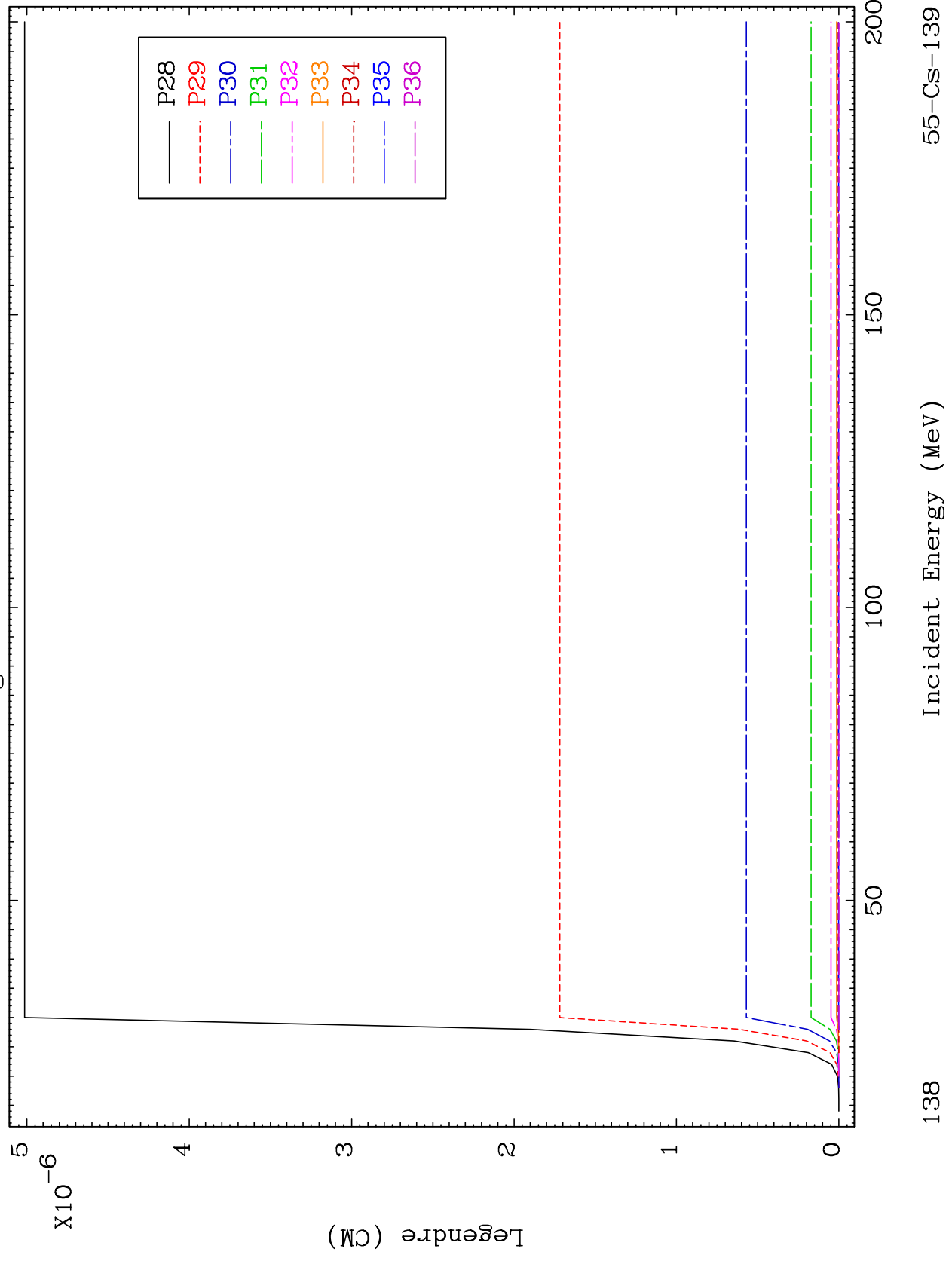
Incident Energy (MeV)

55-Cs-139

MAT 5543

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

55-Cs-139



138

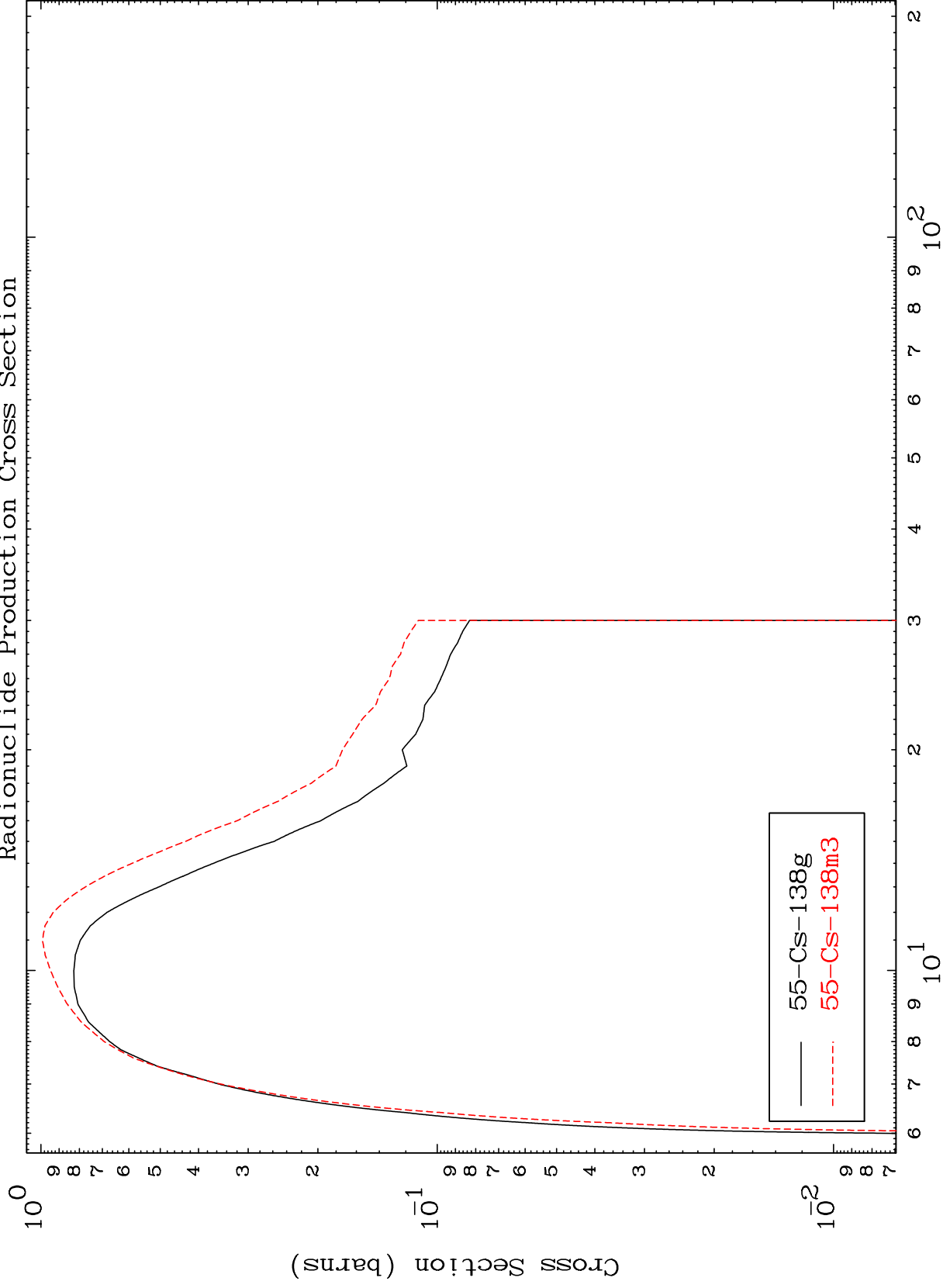
55-Cs-139

MAT 5543

(n,2n)

55-Cs-139

Radionuclide Production Cross Section

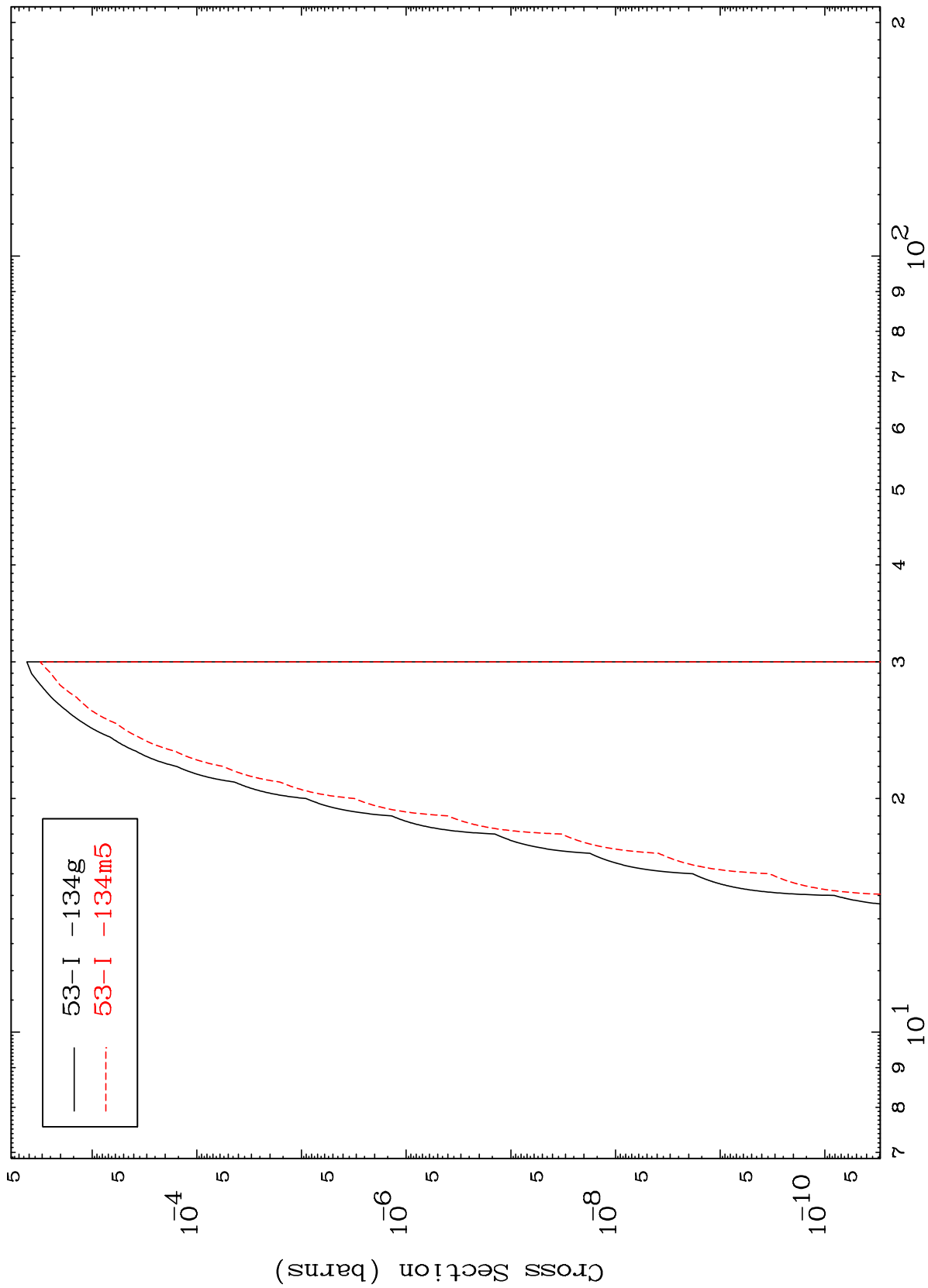


MAT 5543

(n,2n)  $\alpha$

55-Cs-139

Radionuclide Production Cross Section



140

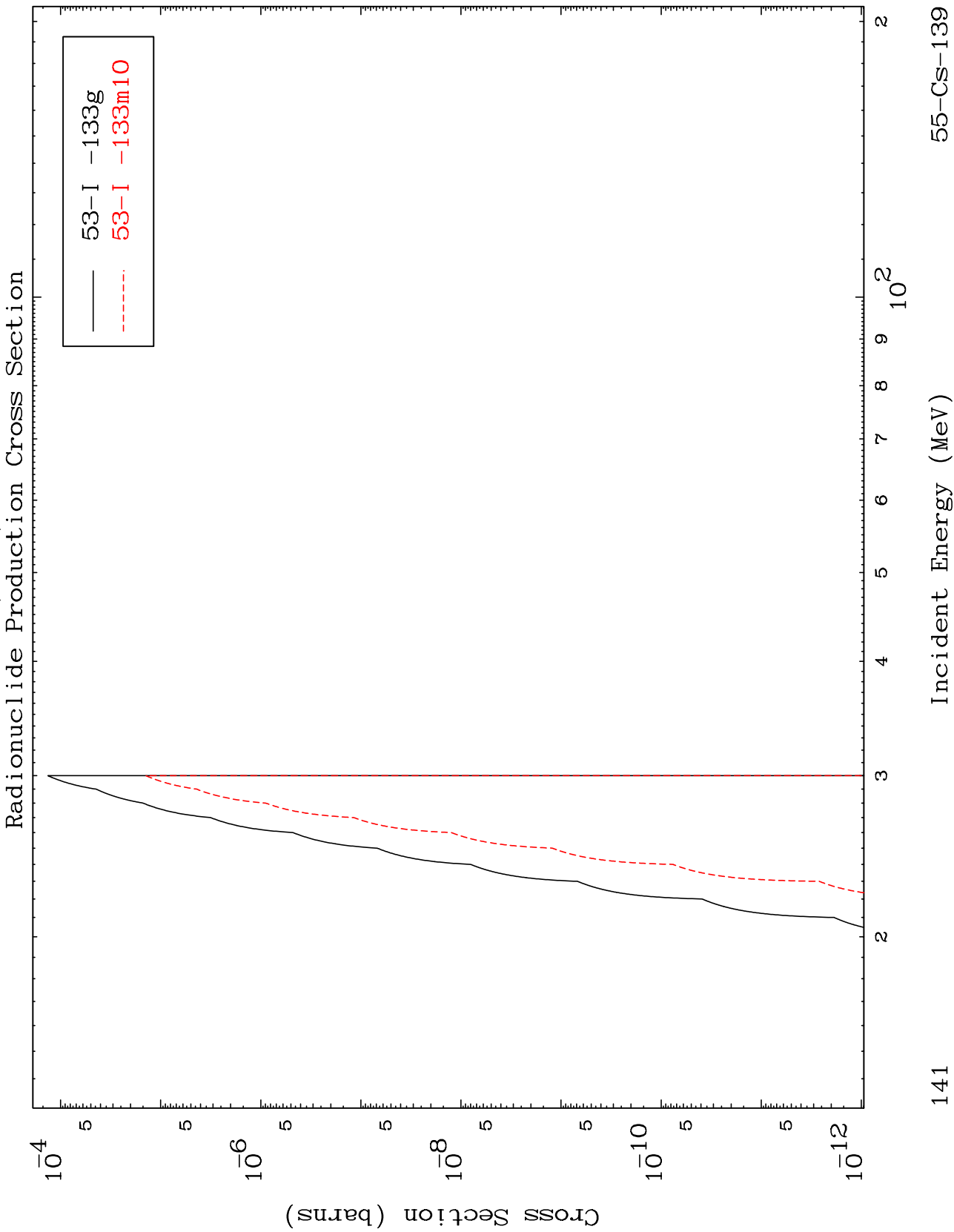
Incident Energy (MeV)

55-Cs-139

MAT 5543

(n,3n)  $\alpha$

55-Cs-139



141

Incident Energy (MeV)

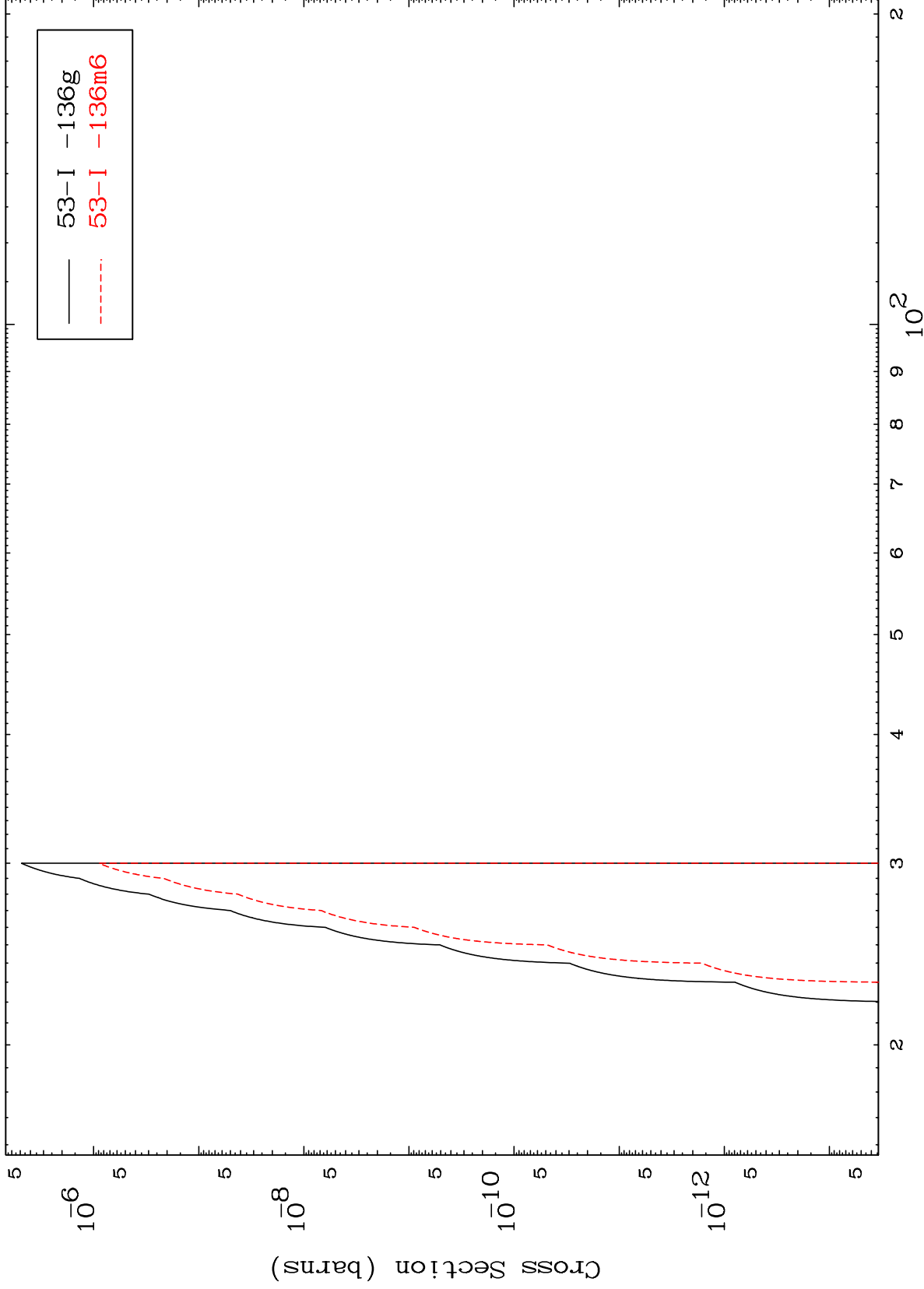
55-Cs-139

MAT 5543

(n,n') He-3

55-Cs-139

Radionuclide Production Cross Section



142

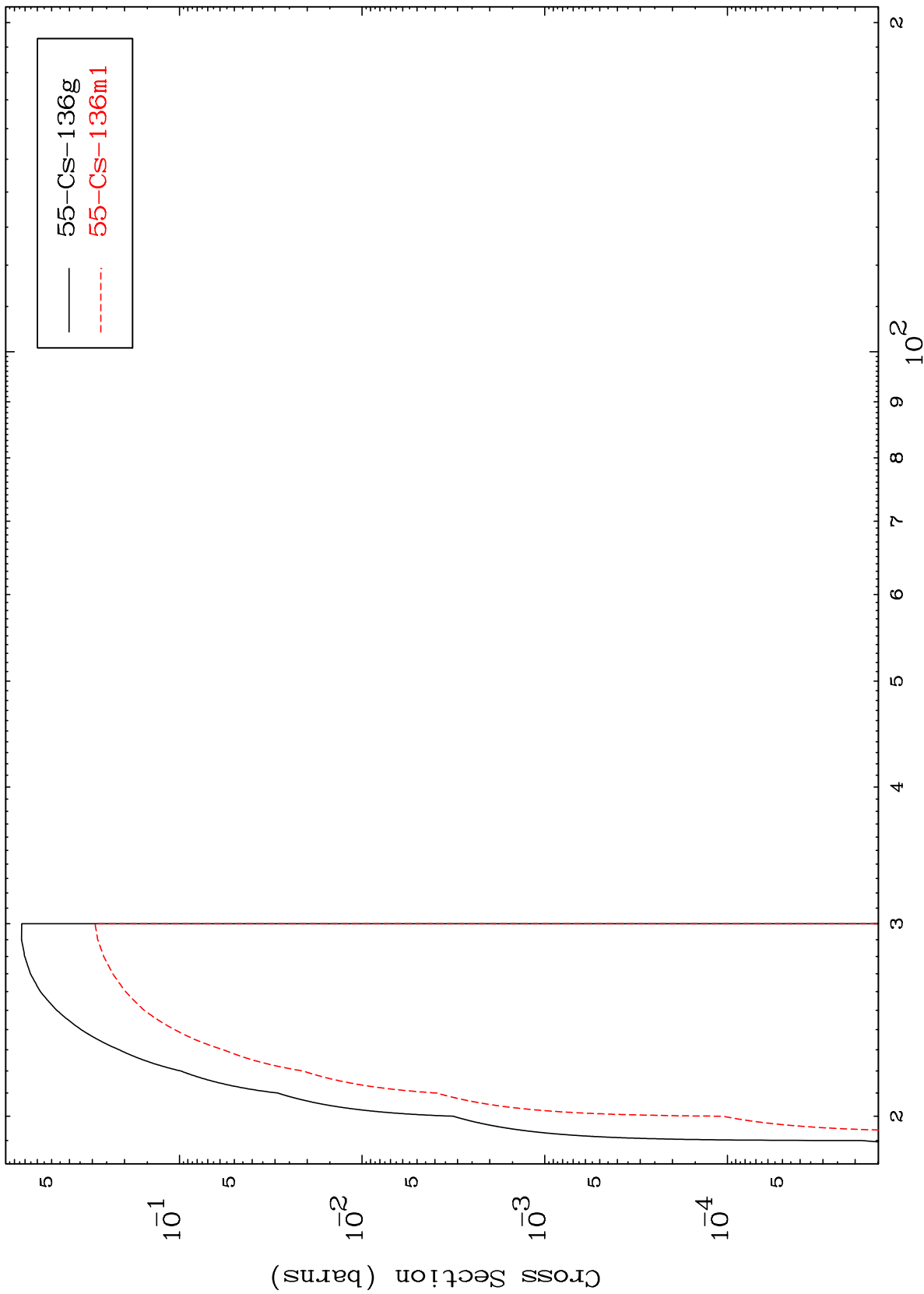
Incident Energy (MeV)

55-Cs-139

MAT 5543

55-Cs-139

(n,4n)  
Radionuclide Production Cross Section



55-Cs-139

Incident Energy (MeV)

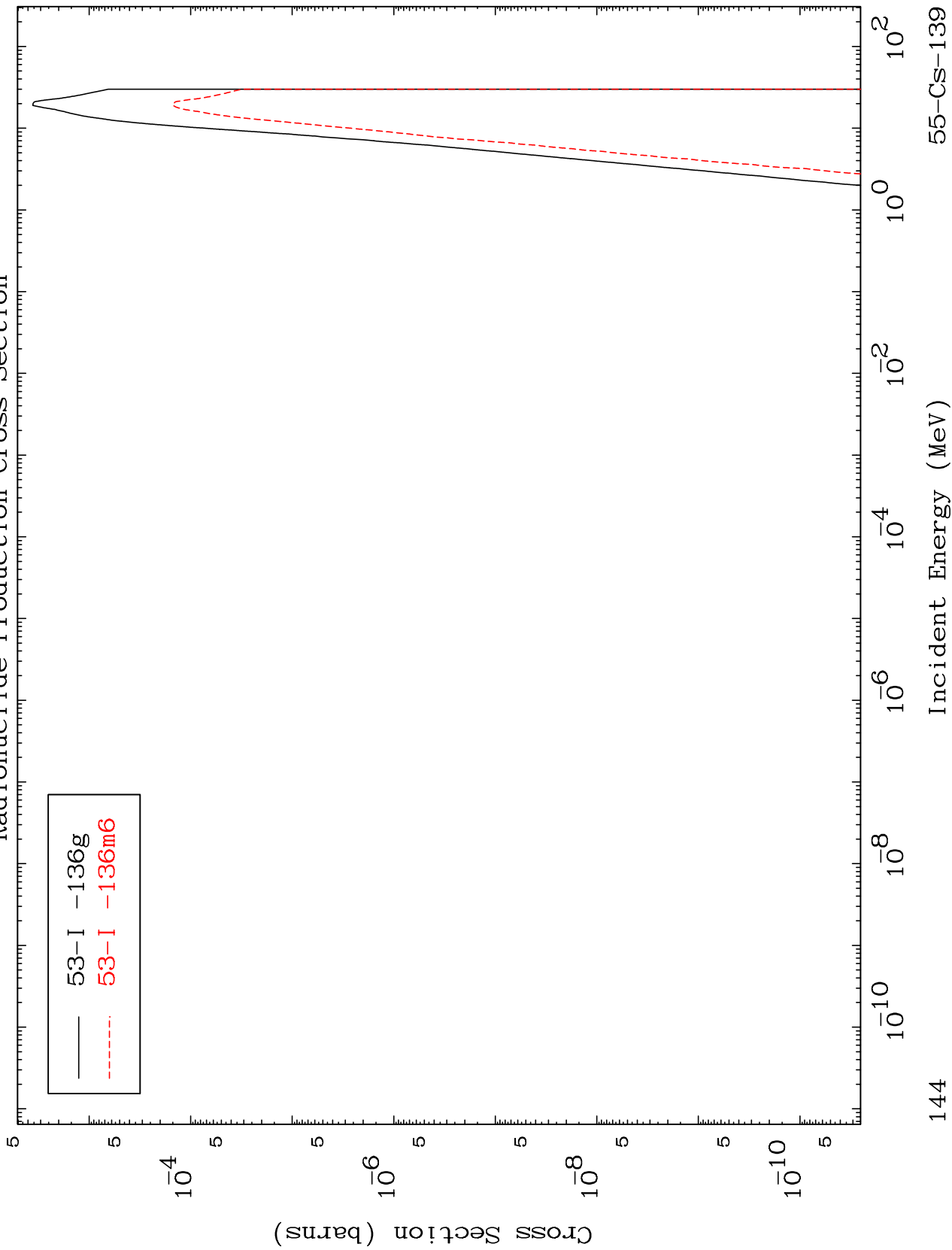
143



MAT 5543

55-Cs-139

(n,  $\alpha$ )  
Radionuclide Production Cross Section

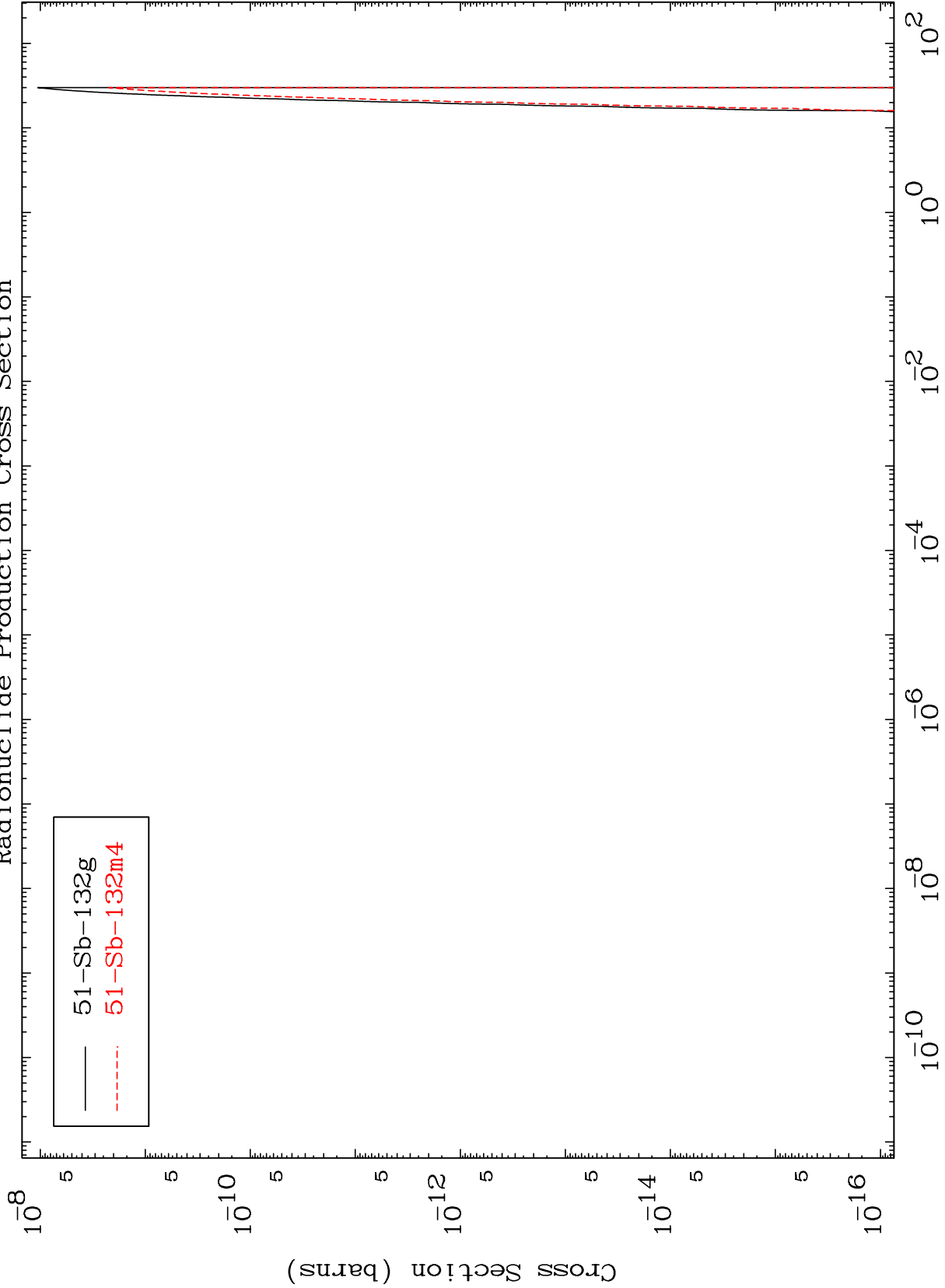


MAT 5543

(n,2α)

55-Cs-139

Radionuclide Production Cross Section



51-Sb-132g  
51-Sb-132m4

145

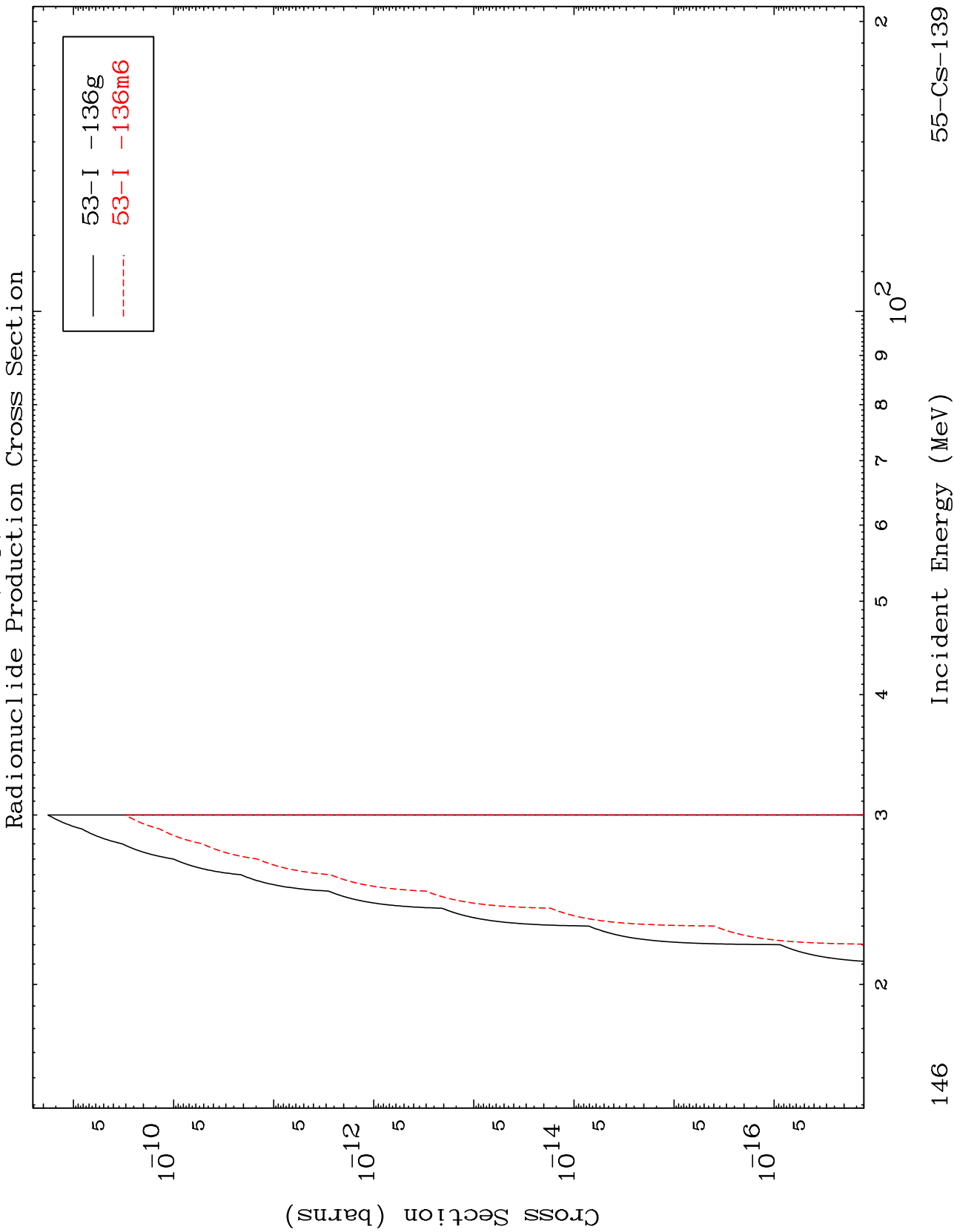
Incident Energy (MeV)

55-Cs-139

MAT 5543

(n,p) t

55-Cs-139



146

Incident Energy (MeV)

55-Cs-139