

Program EVALPLOT  
(Version 2017-1)

by

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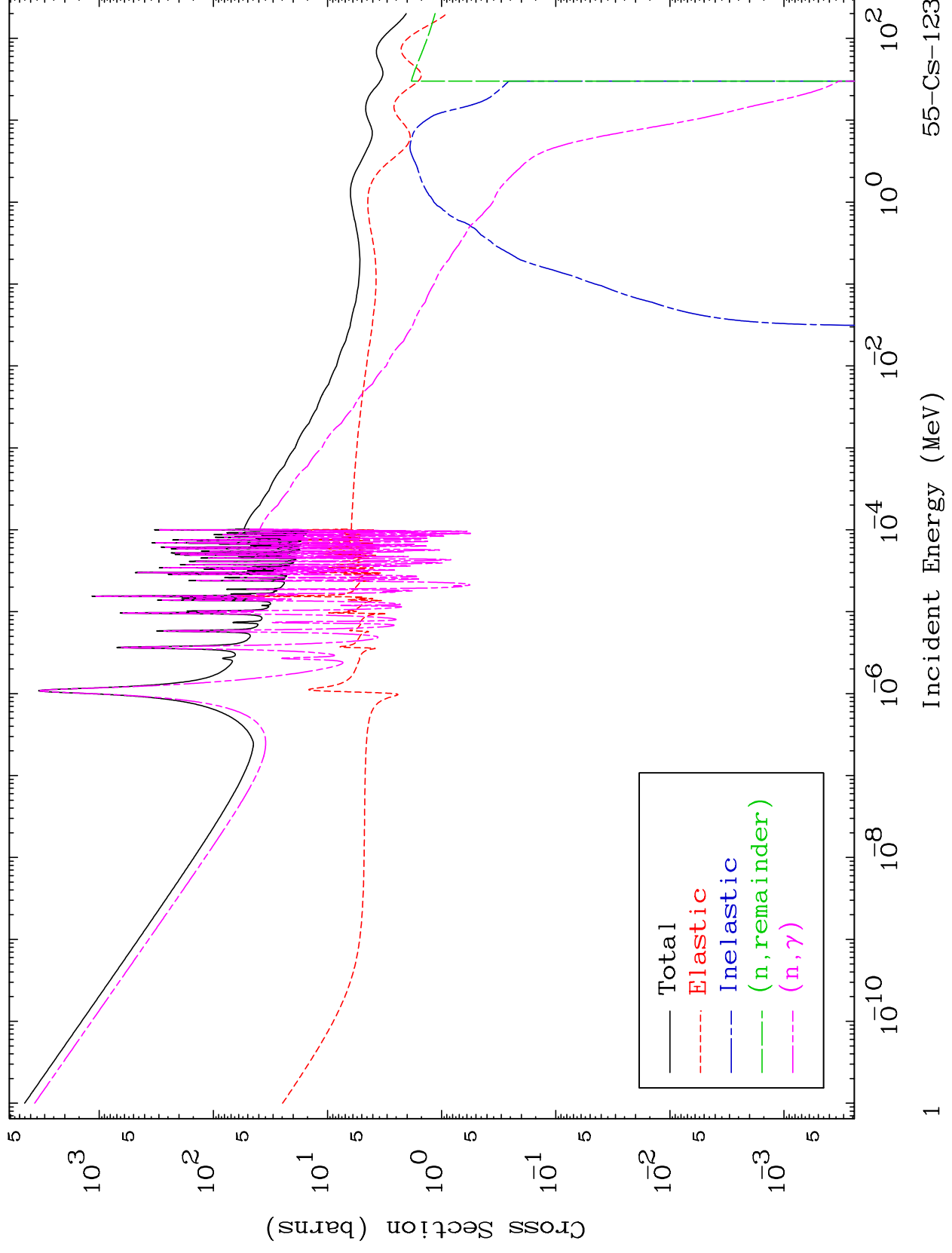
Press Mouse Button to Start

MAT 5495

Major

293 Kelvin Cross Sections

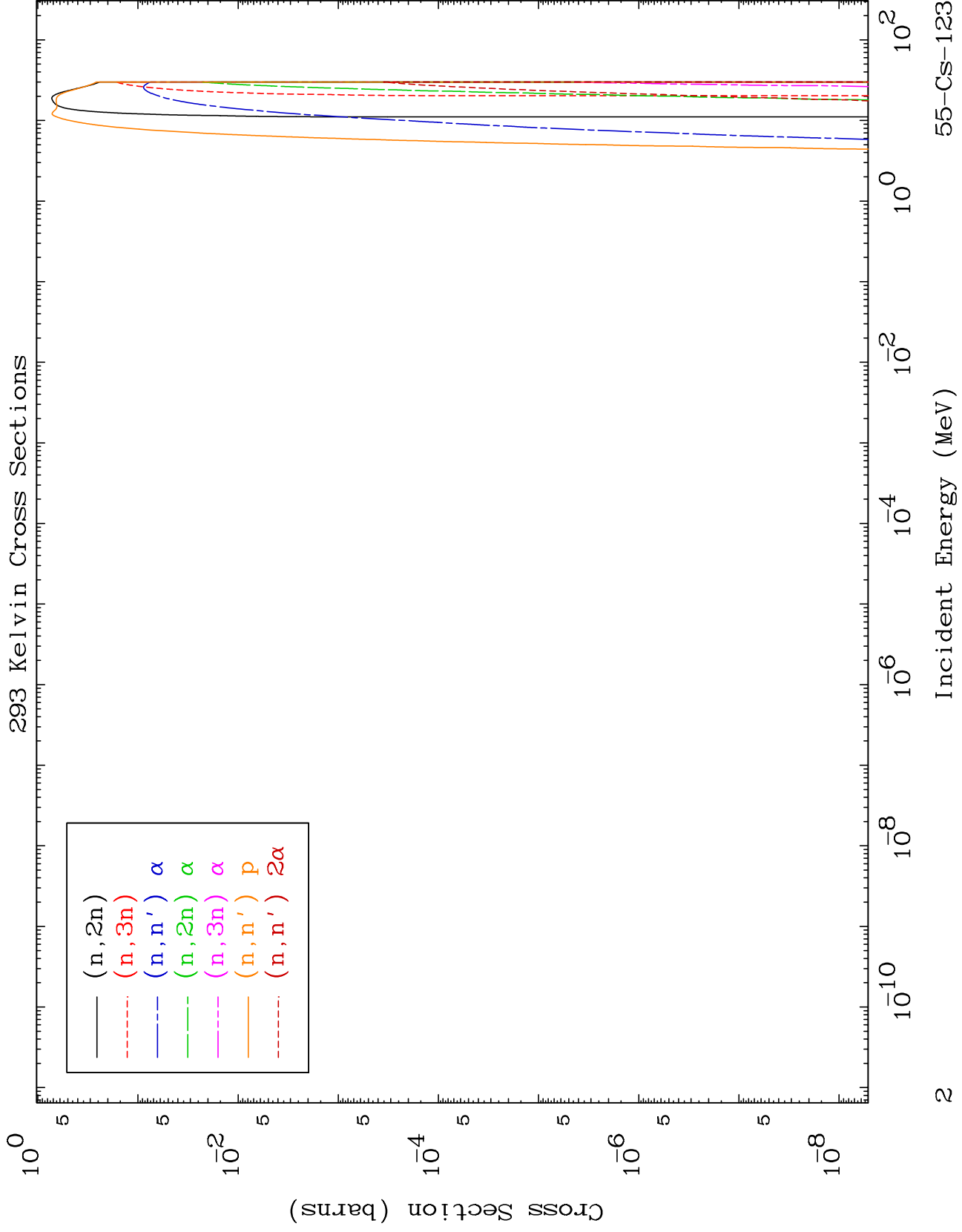
55-Cs-123

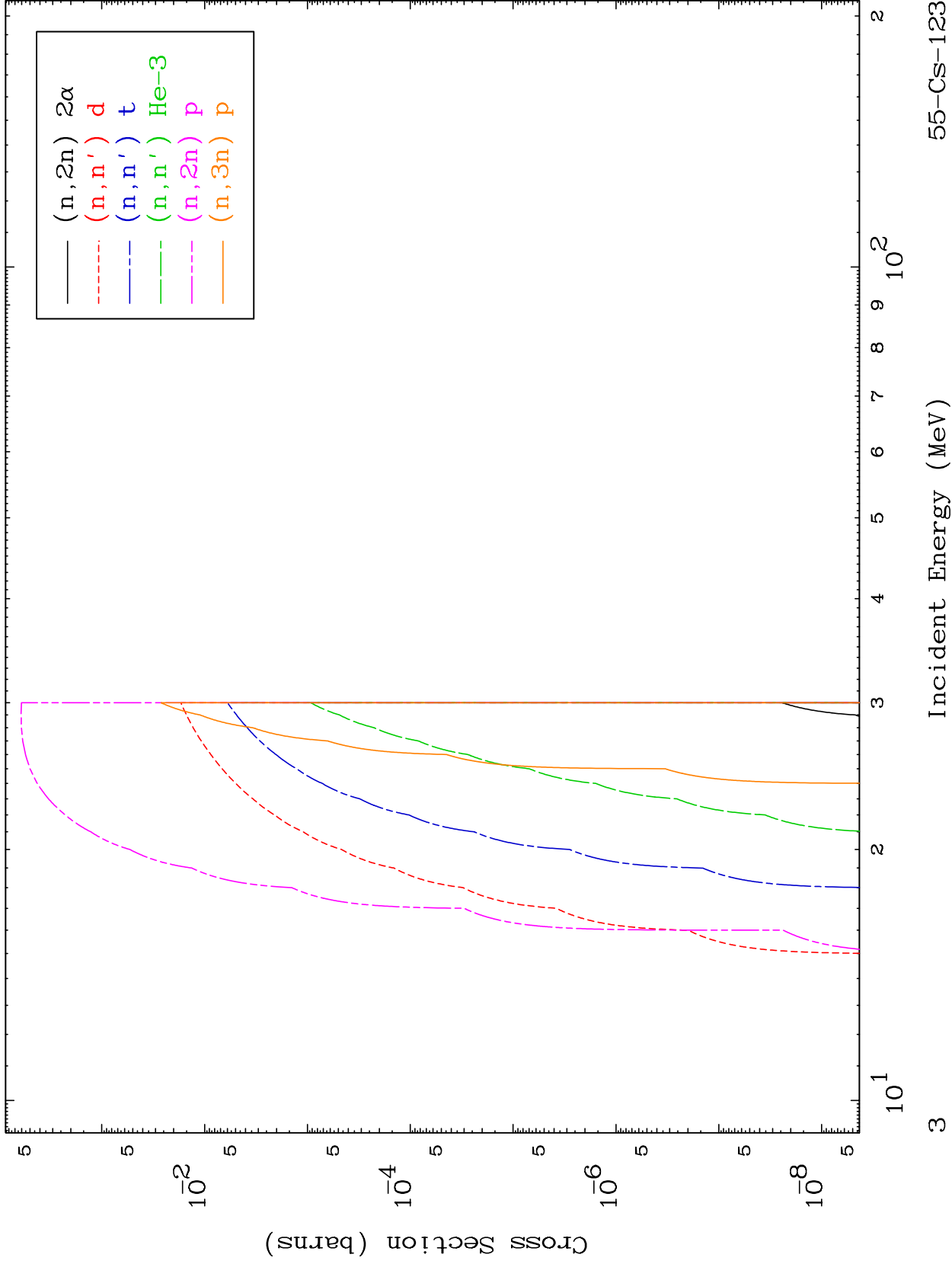


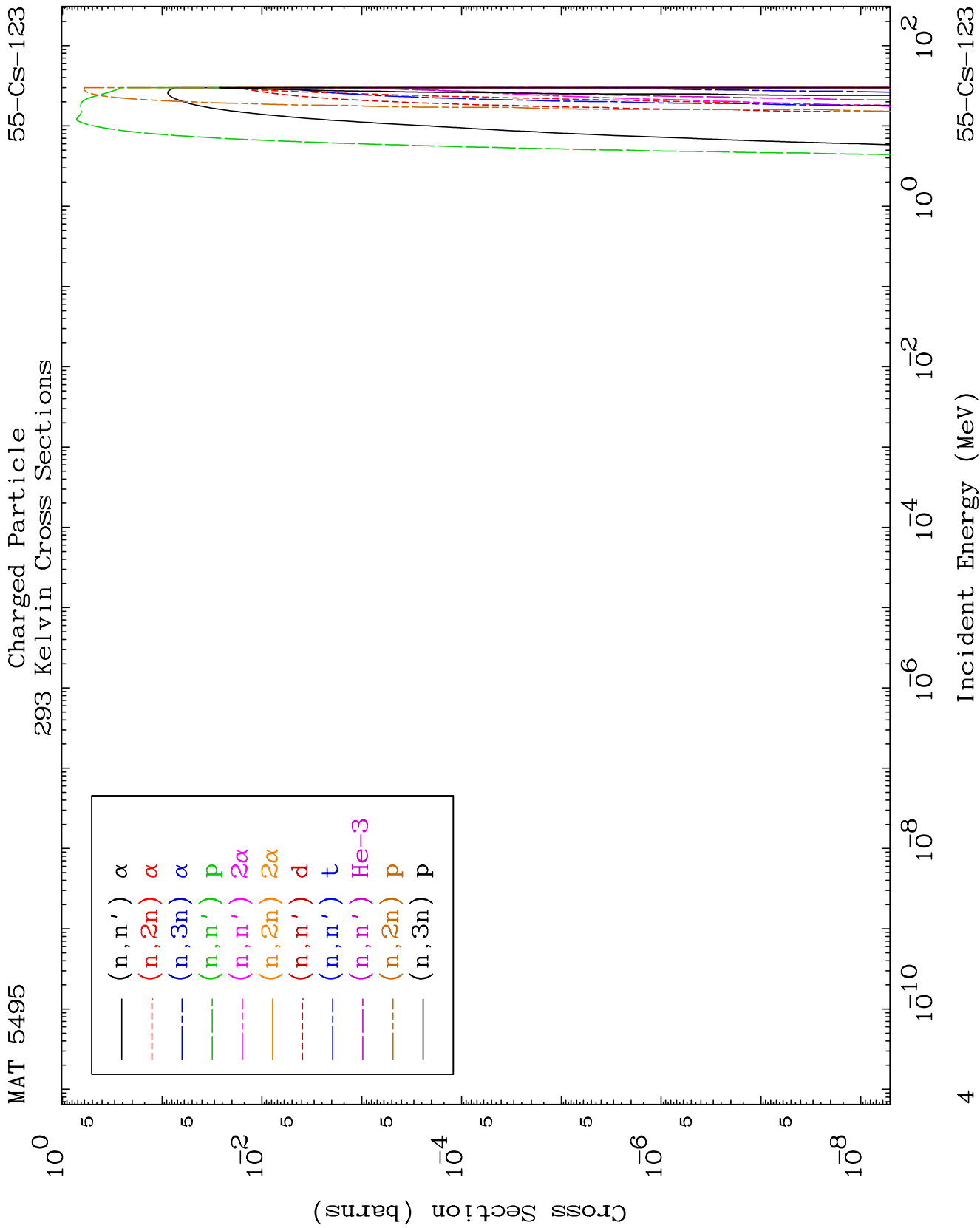
MAT 5495

Neutron Production  
293 Kelvin Cross Sections

55-Cs-123



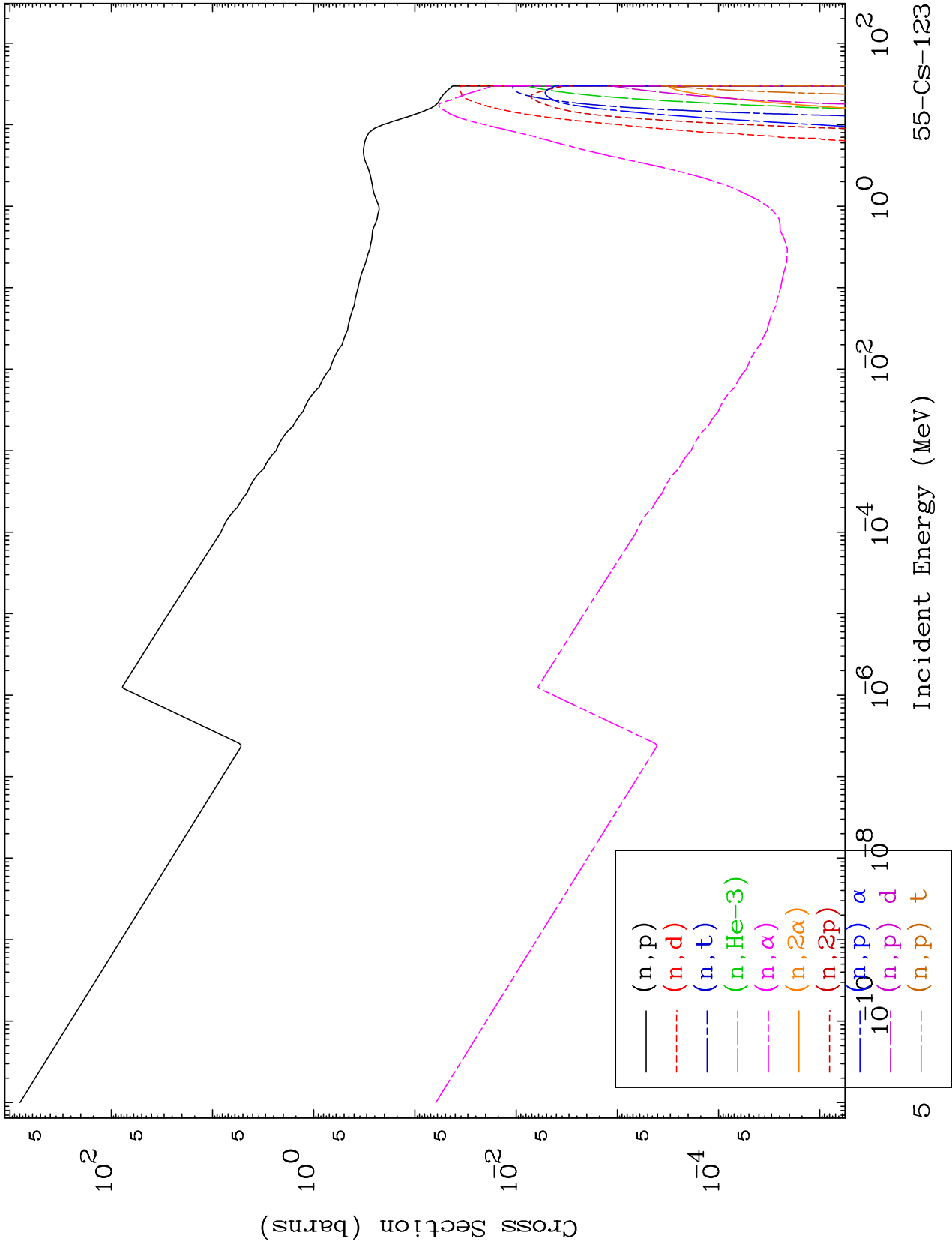




MAT 5495

Charged Particle  
293 Kelvin Cross Sections

55-Cs-123

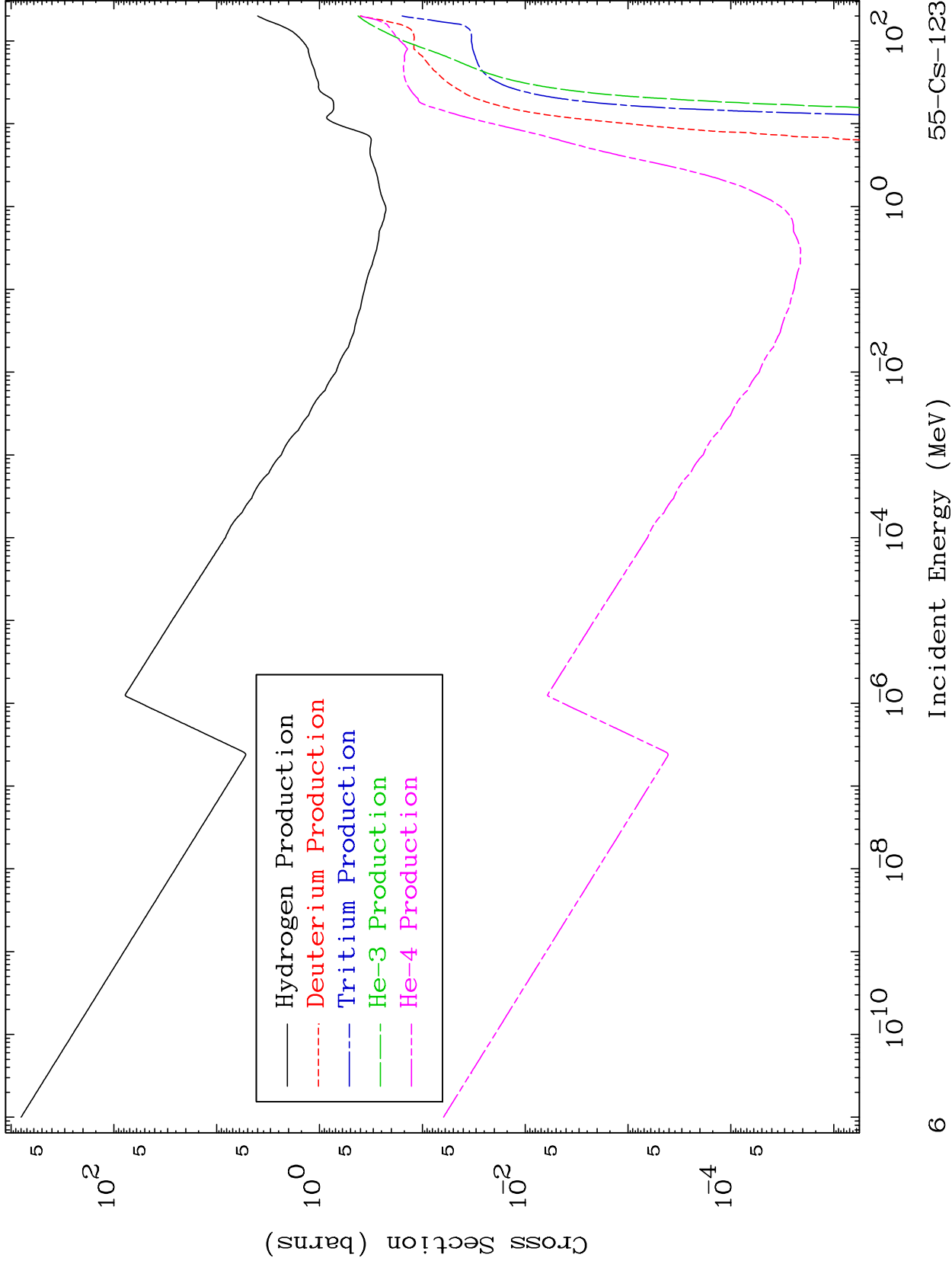


55-Cs-123

MAT 5495

Particle Production  
293 Kelvin Cross Sections

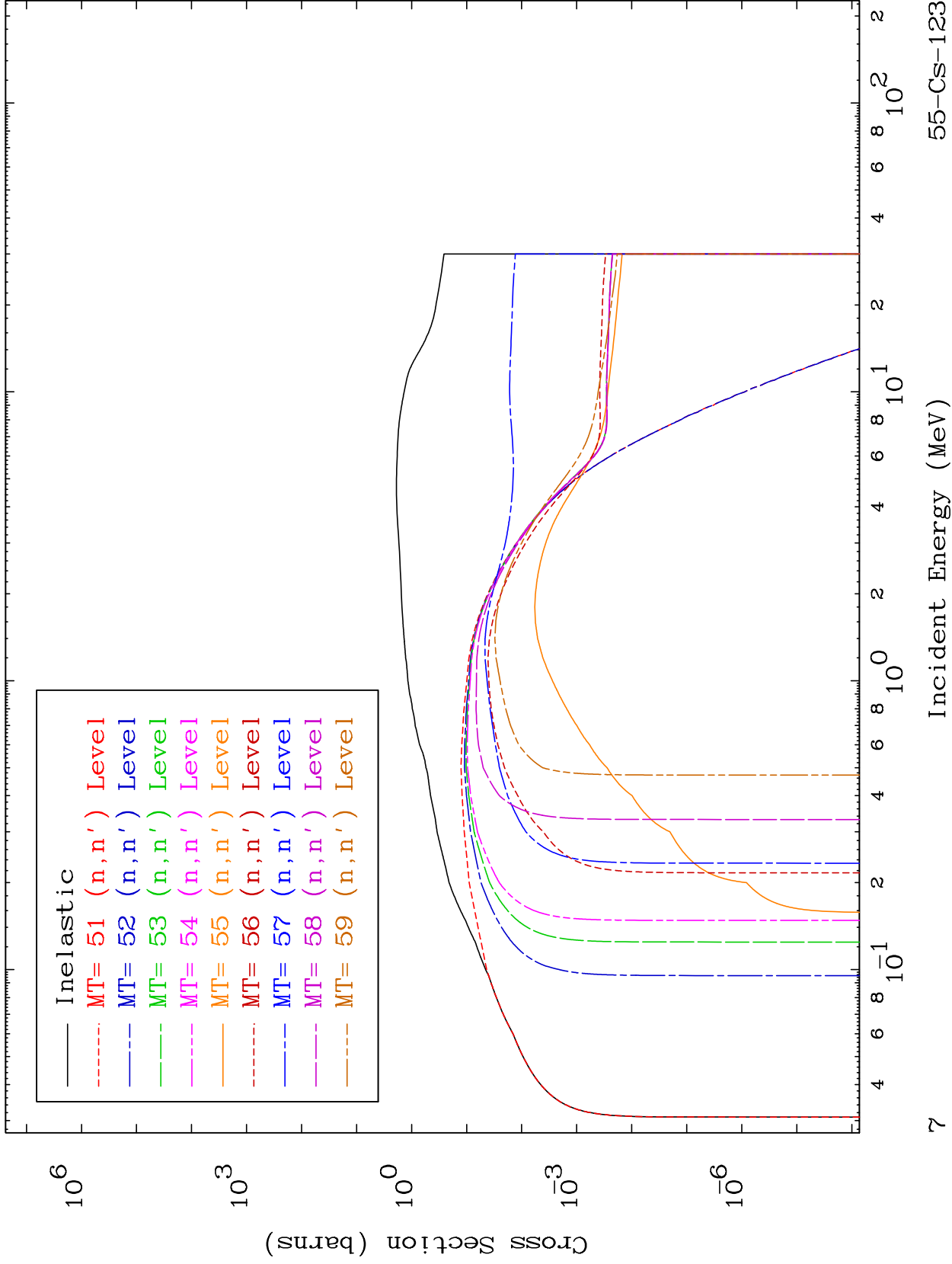
55-Cs-123



MAT 5495

(n,n') Level  
293 Kelvin Cross Sections

55-Cs-123



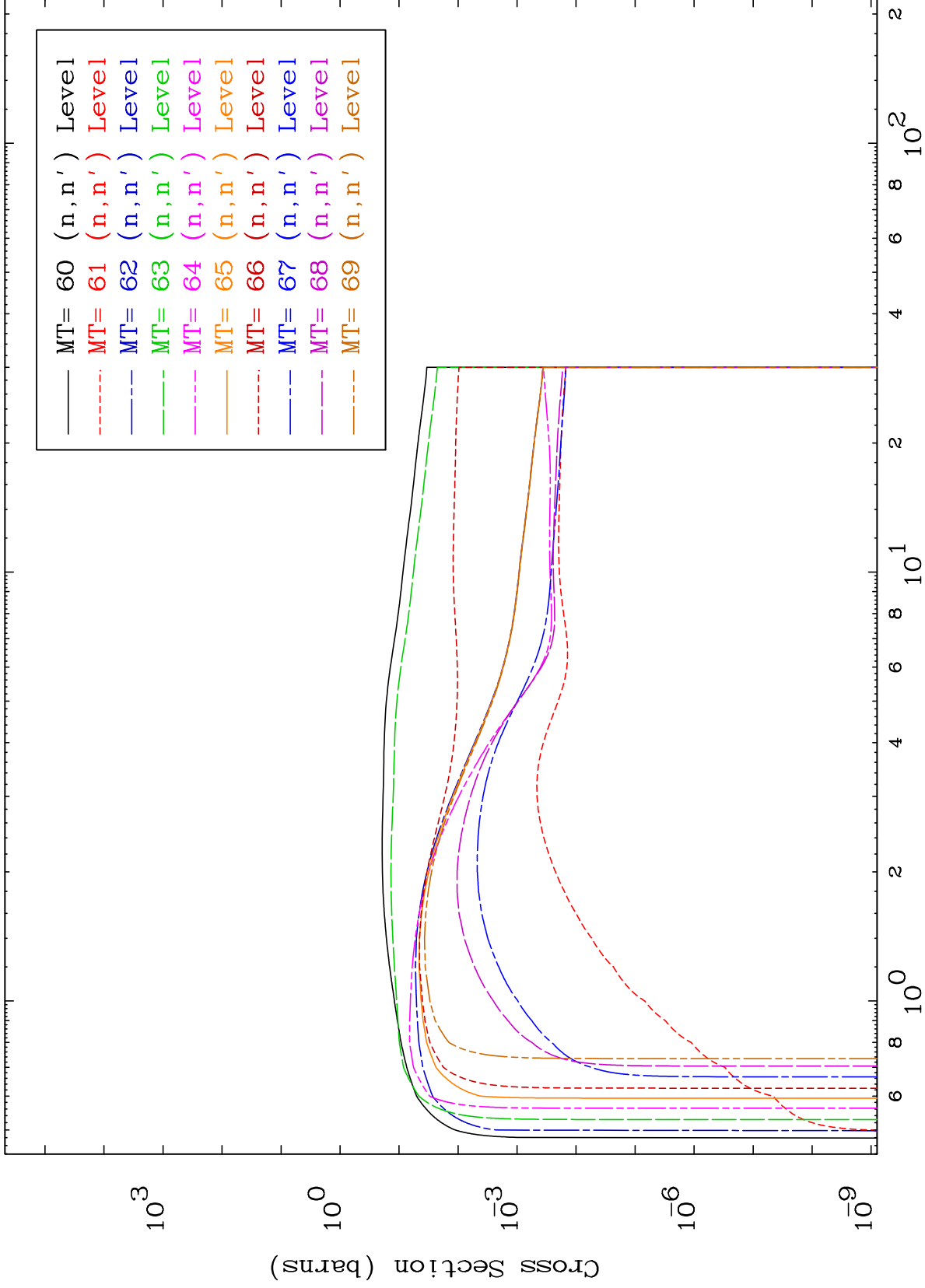


MAT 5495

(n,n') Level

55-Cs-123

293 Kelvin Cross Sections



8

Incident Energy (MeV)

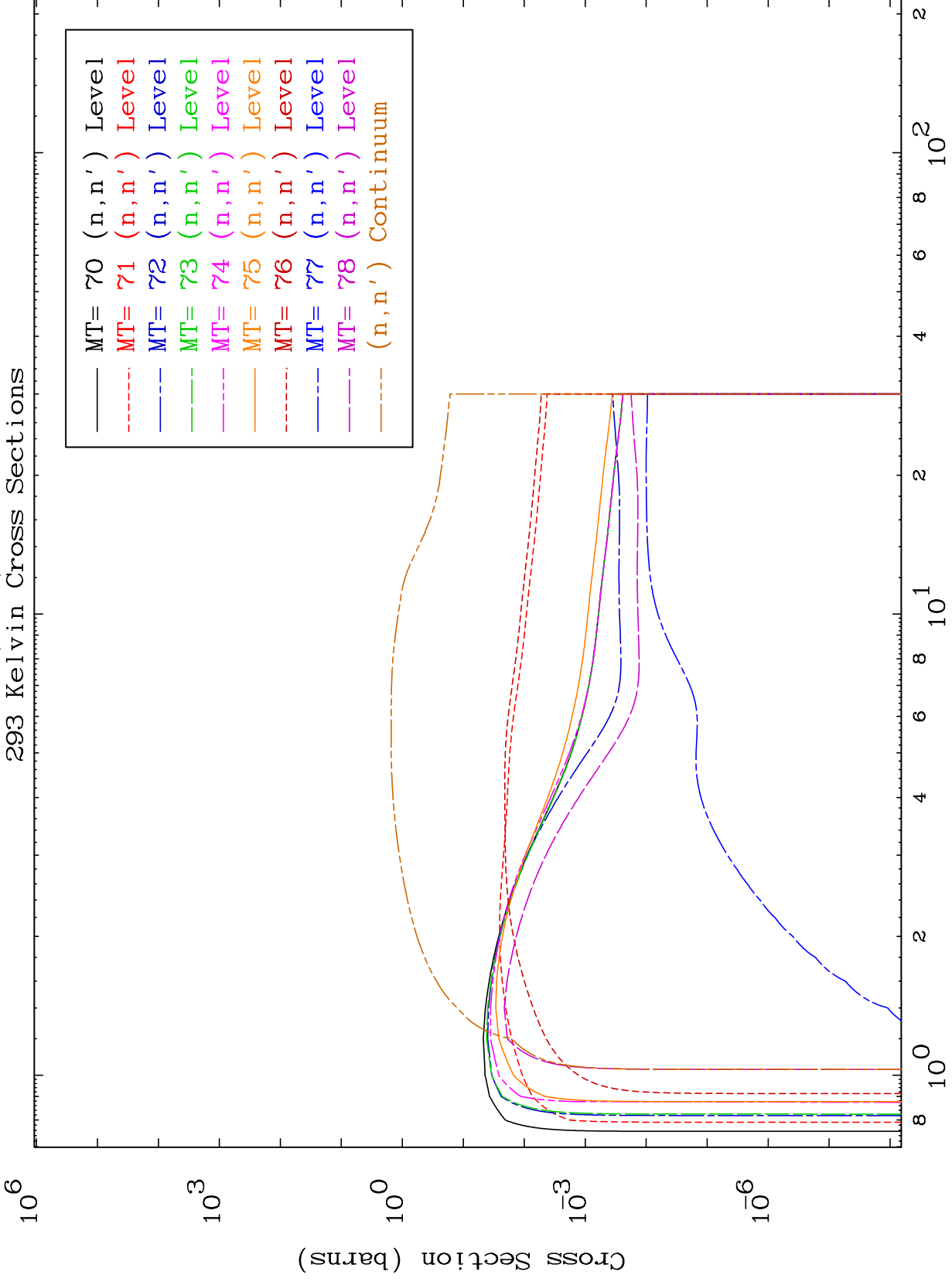
55-Cs-123

MAT 5495

(n,n') Level

293 Kelvin Cross Sections

55-Cs-123



9

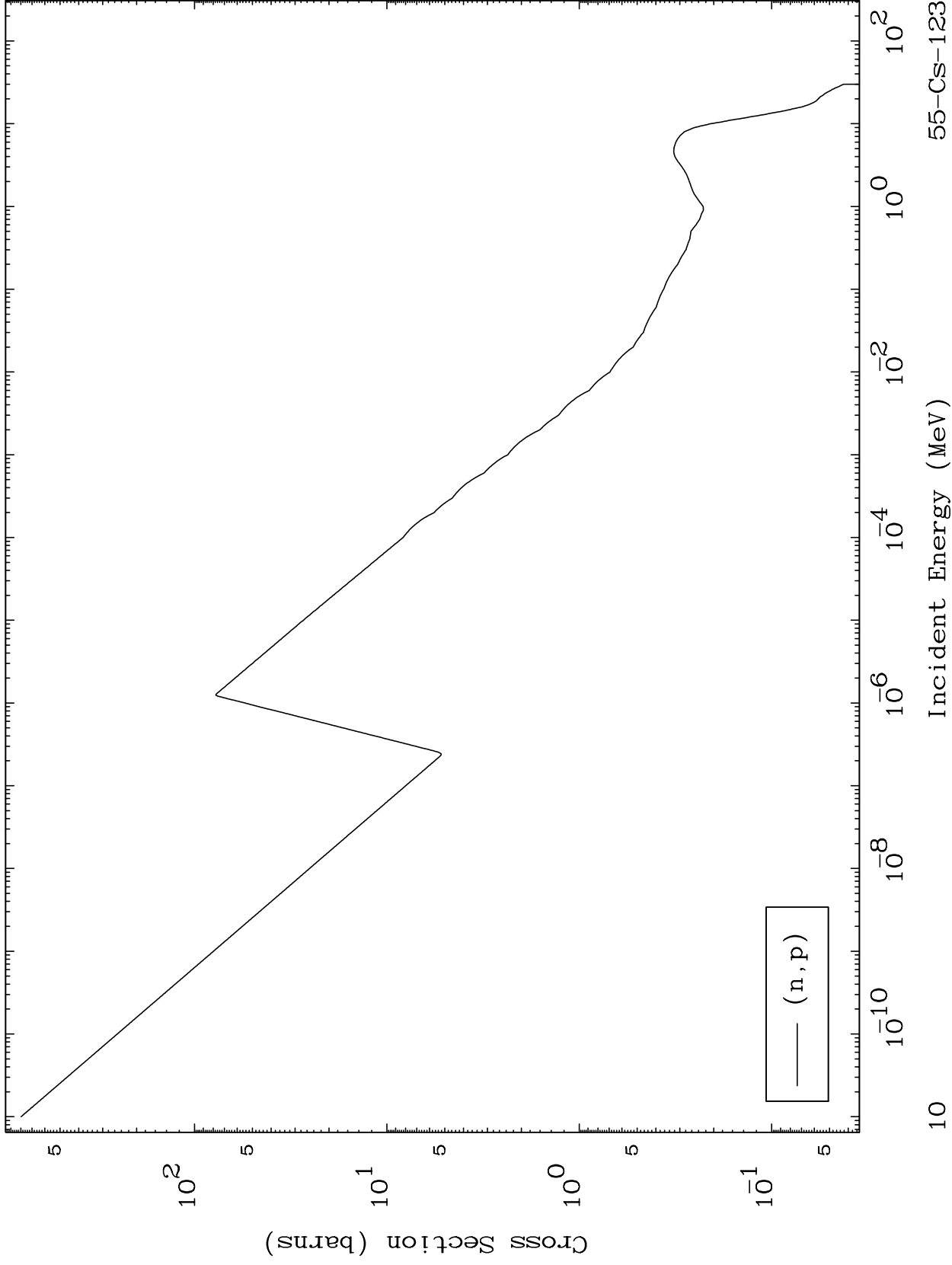
Incident Energy (MeV)

55-Cs-123

MAT 5495

(n,p) Levels  
293 Kelvin Cross Sections

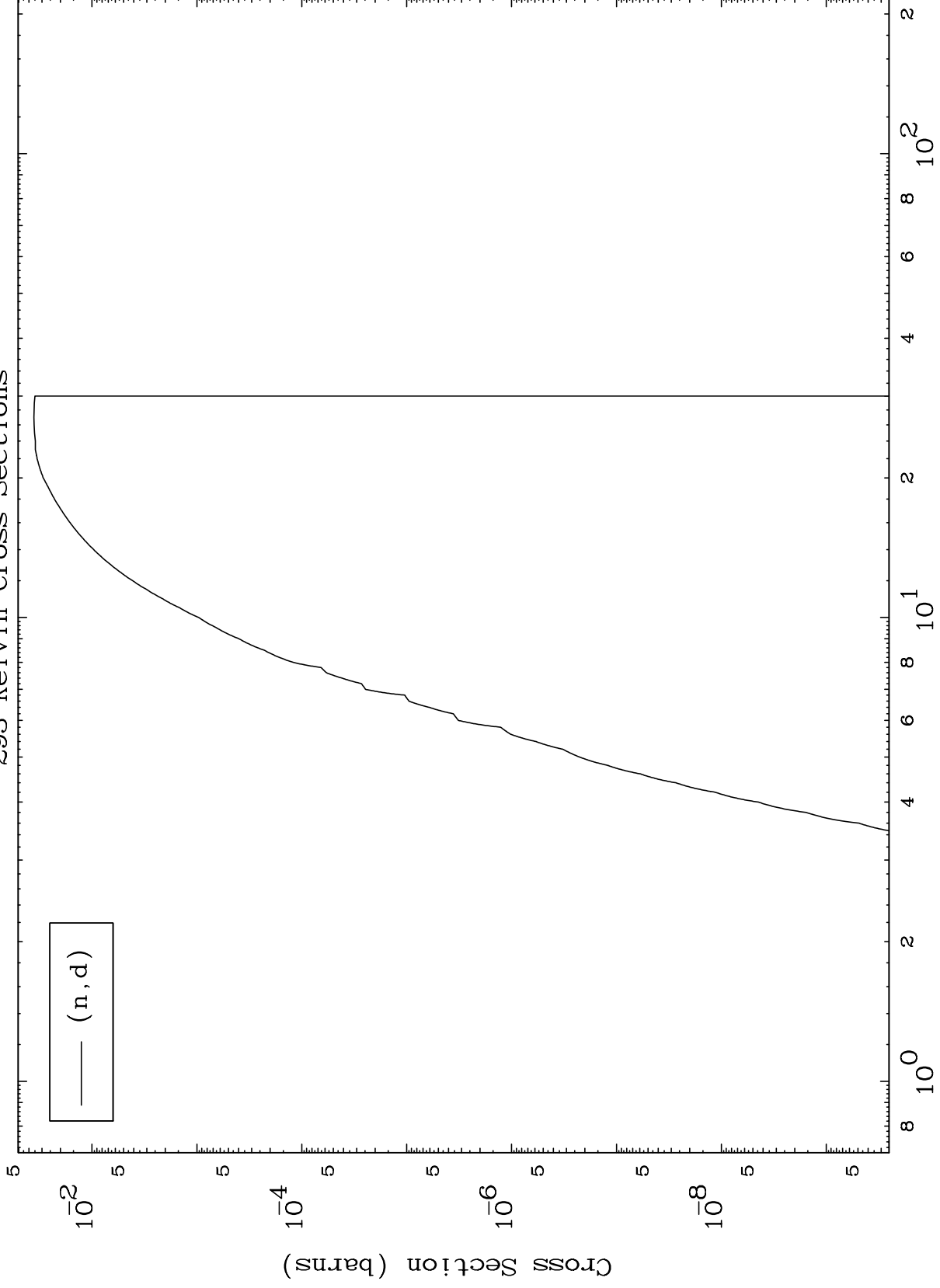
55-Cs-123



MAT 5495

(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-123



11

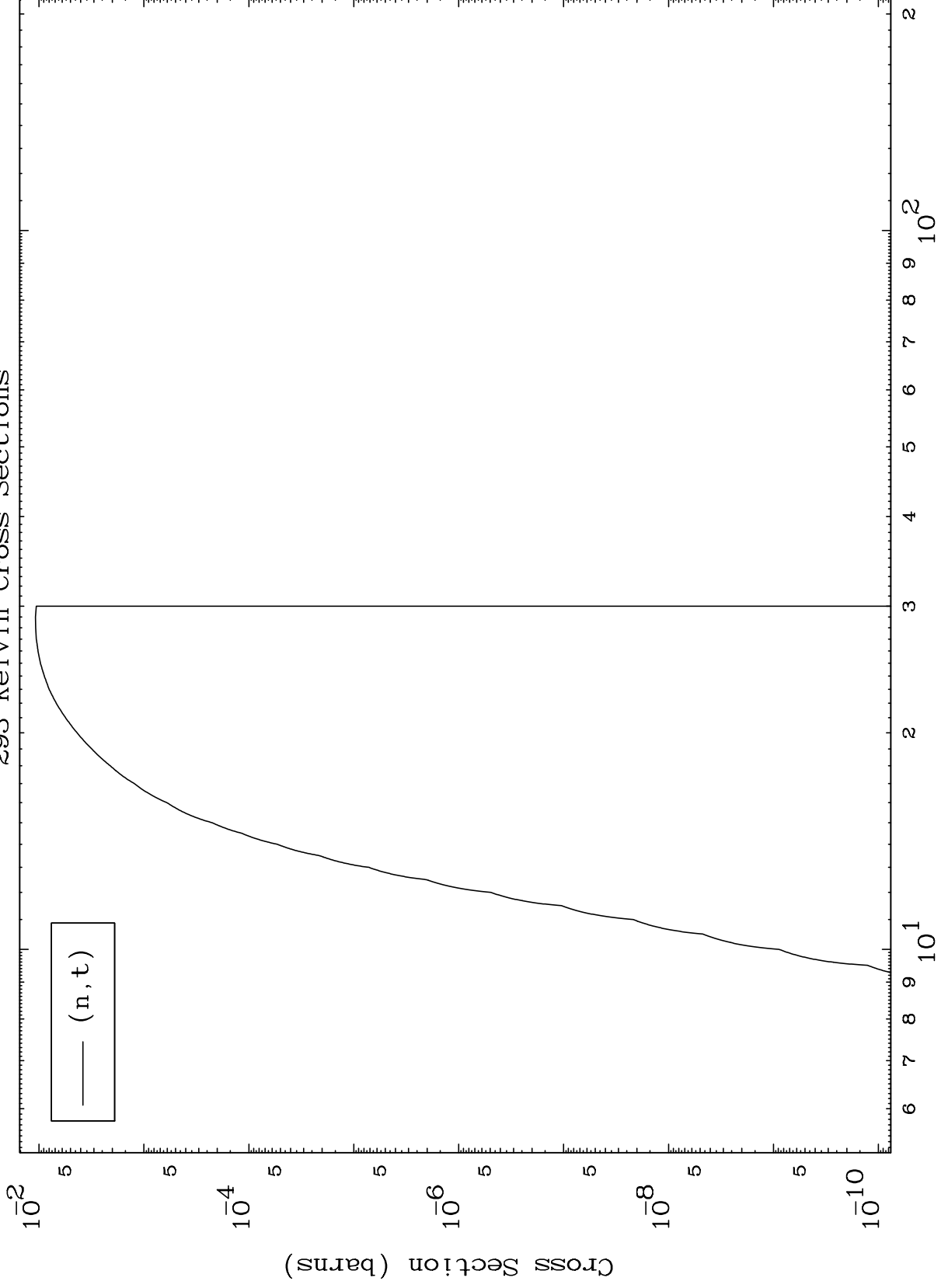
Incident Energy (MeV)

55-Cs-123

MAT 5495

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-123



12

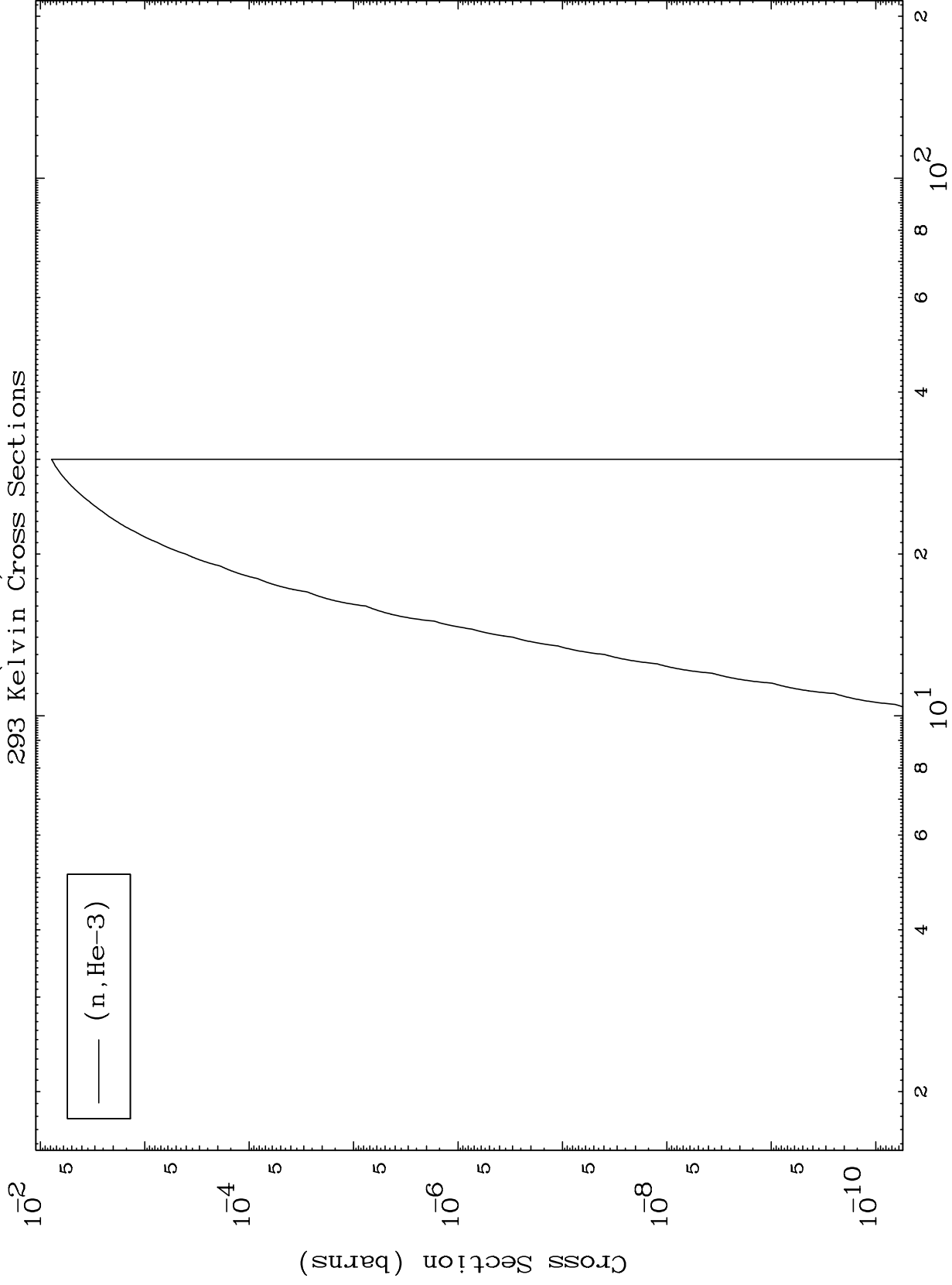
Incident Energy (MeV)

55-Cs-123

MAT 5495

(n,He3) Levels  
293 Kelvin Cross Sections

55-Cs-123



13

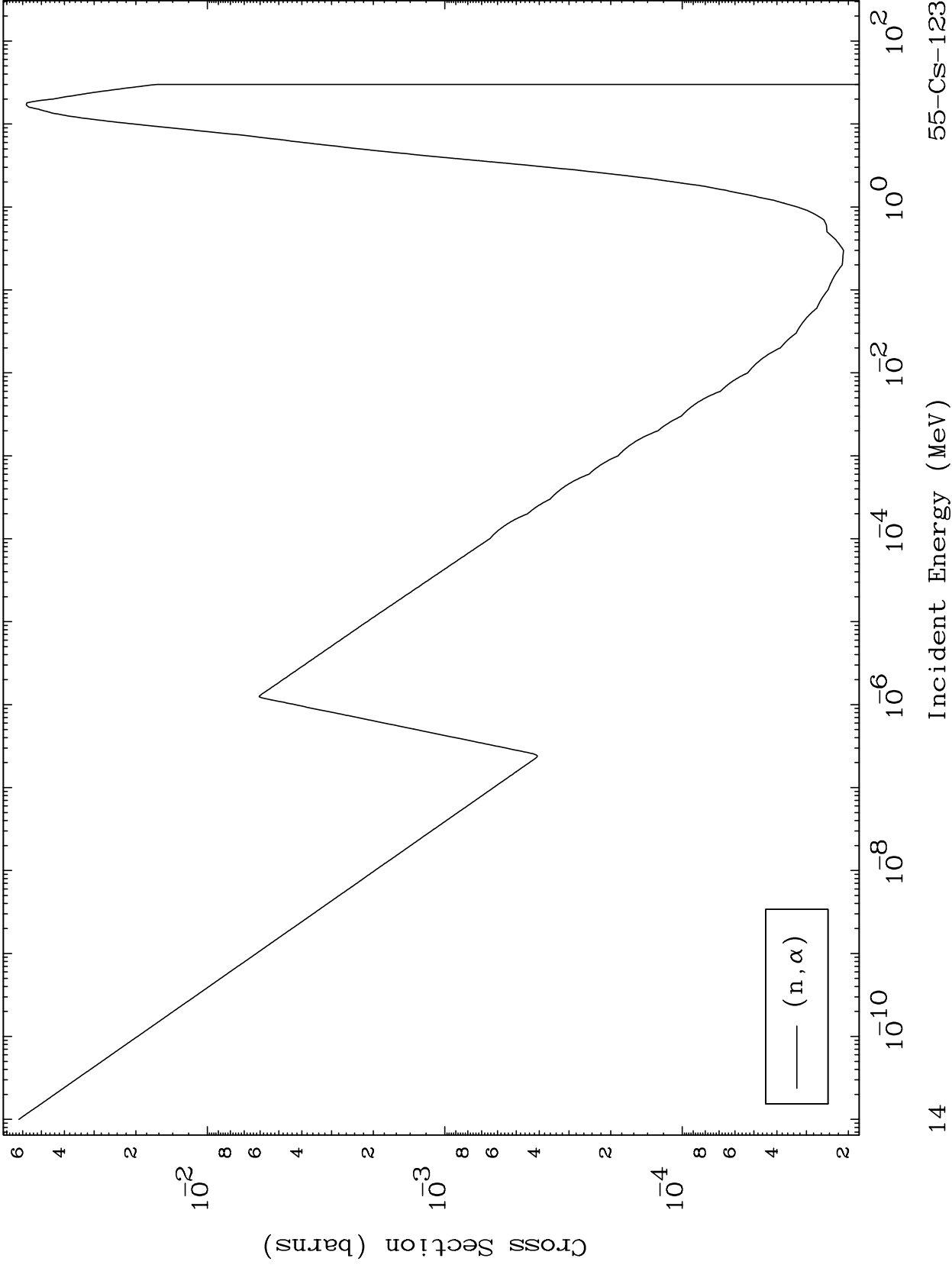
Incident Energy (MeV)

55-Cs-123

MAT 5495

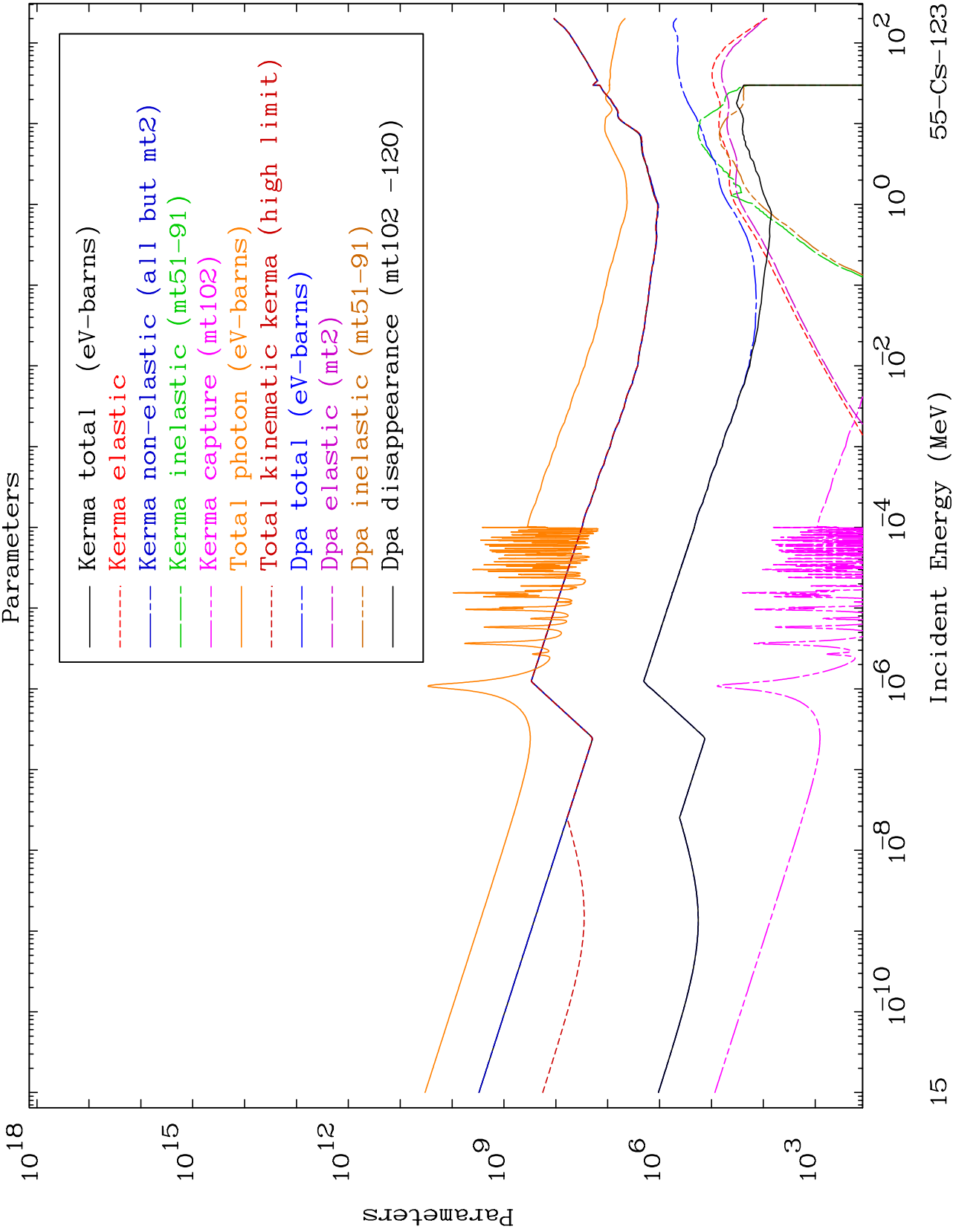
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

55-Cs-123



14

55-Cs-123

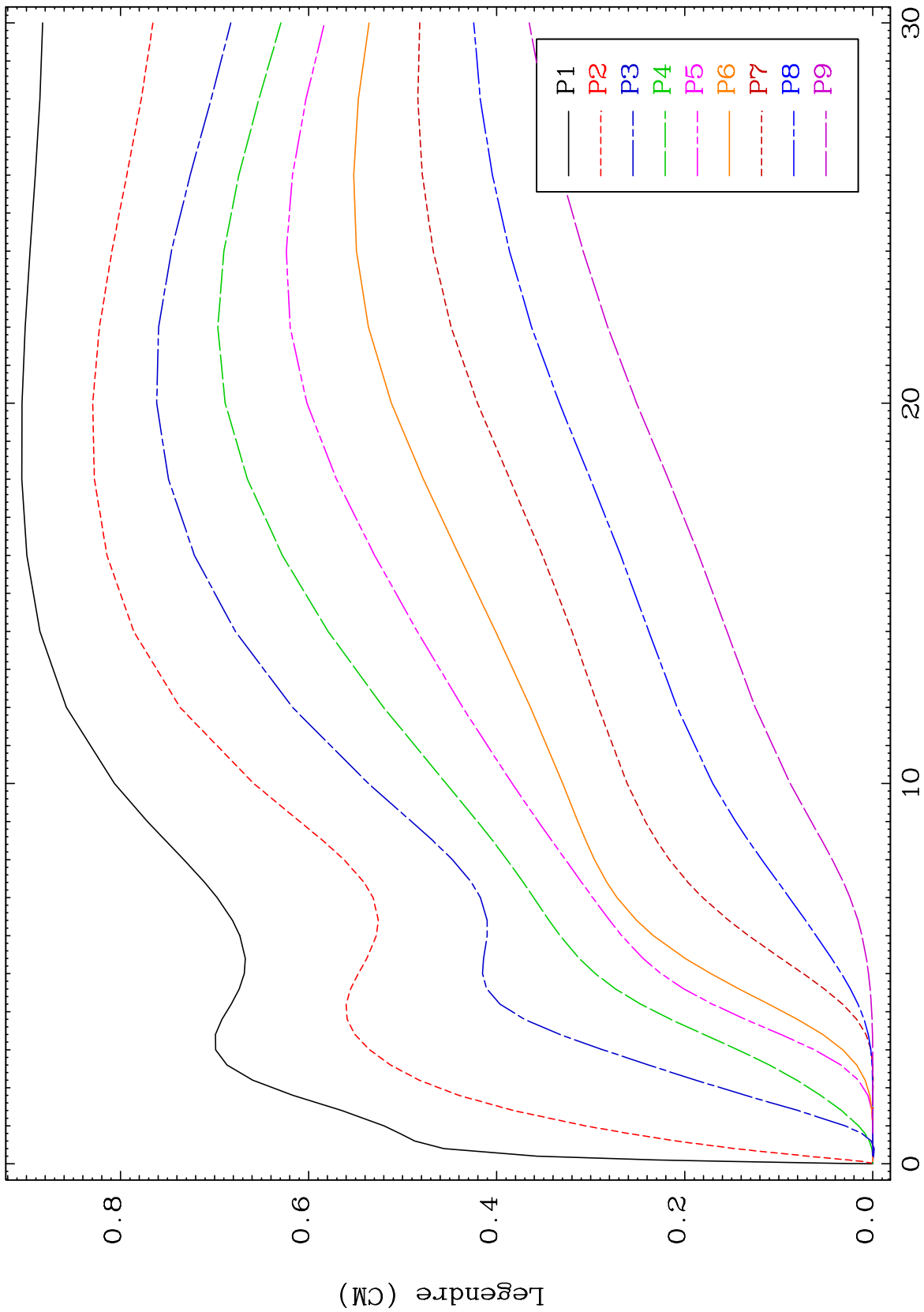




MAT 5495

Elastic Legendre Coefficients

55-Cs-123



16

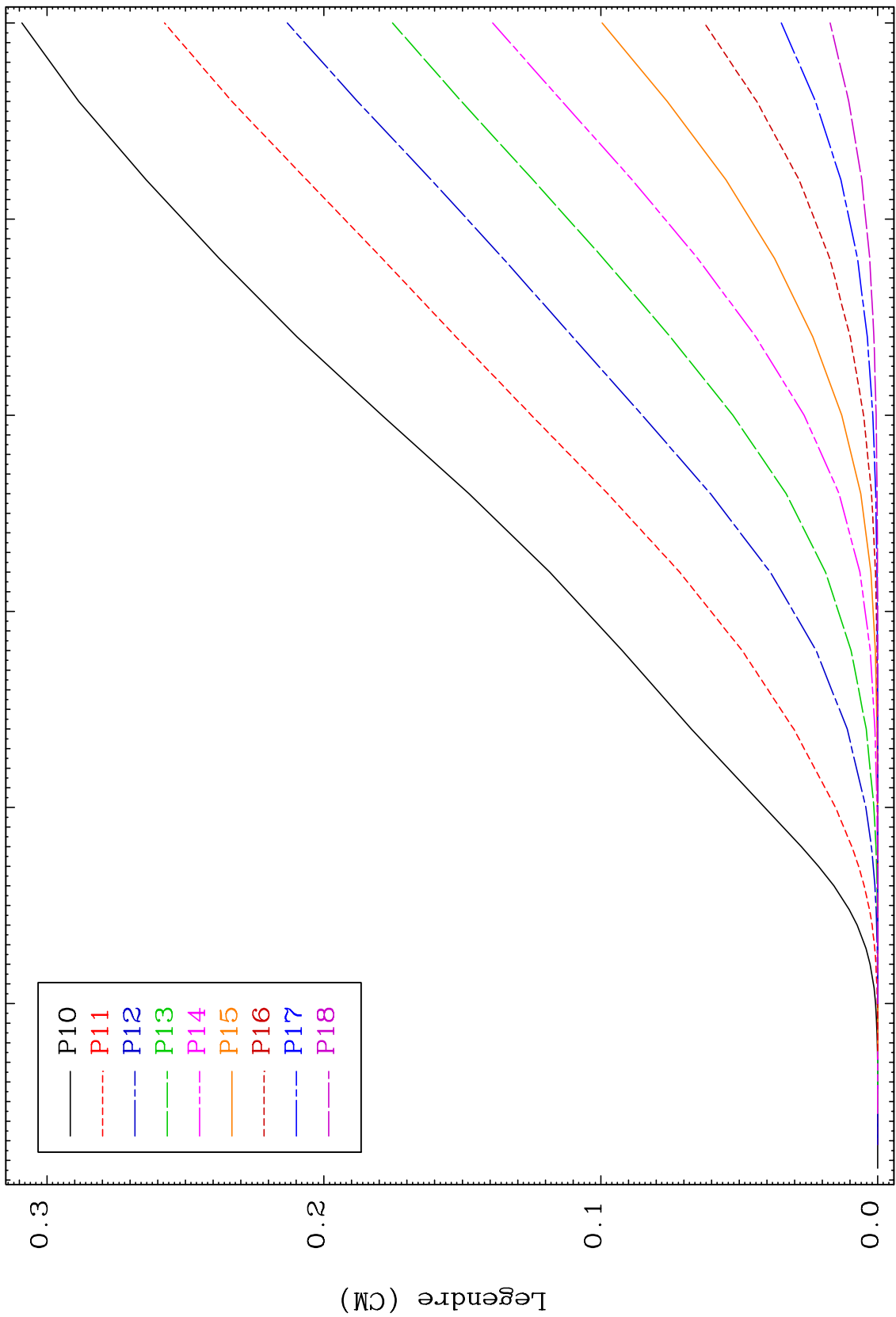
Incident Energy (MeV)

55-Cs-123

MAT 5495

Elastic Legendre Coefficients

55-Cs-123



17

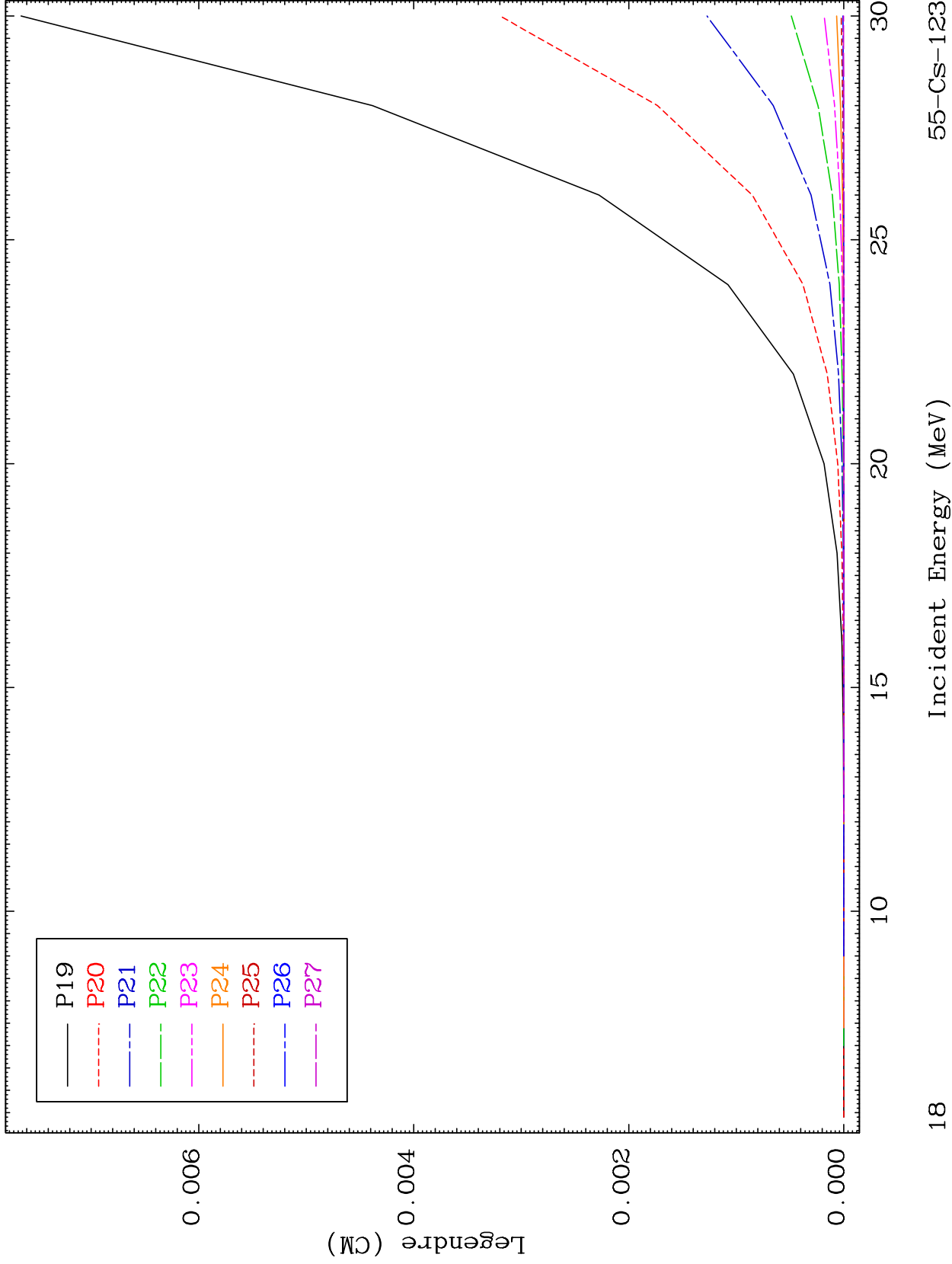
Incident Energy (MeV)

55-Cs-123

MAT 5495

### Elastic Legendre Coefficients

55-Cs-123



18

Incident Energy (MeV)

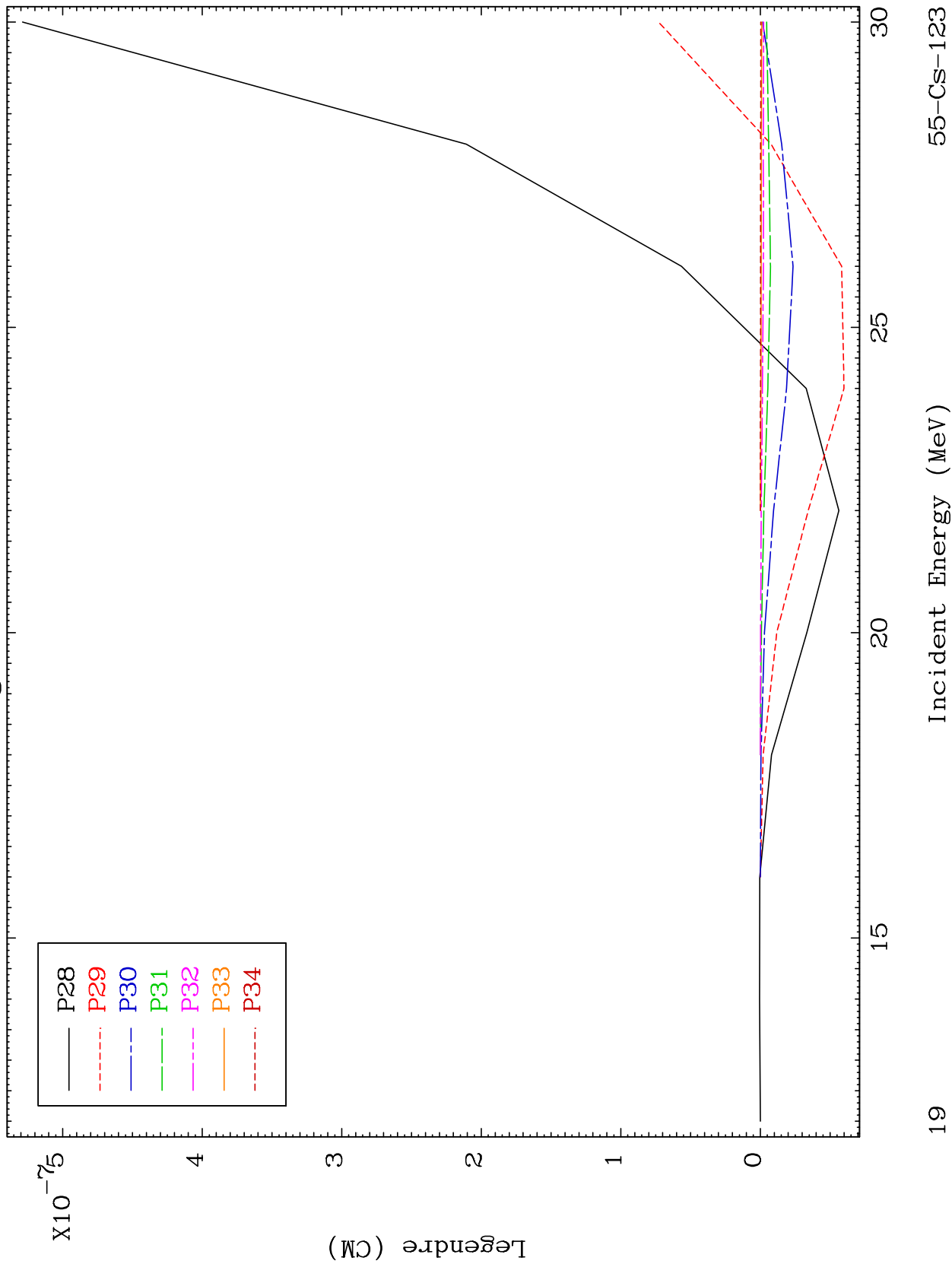
55-Cs-123

30

MAT 5495

Elastic Legendre Coefficients

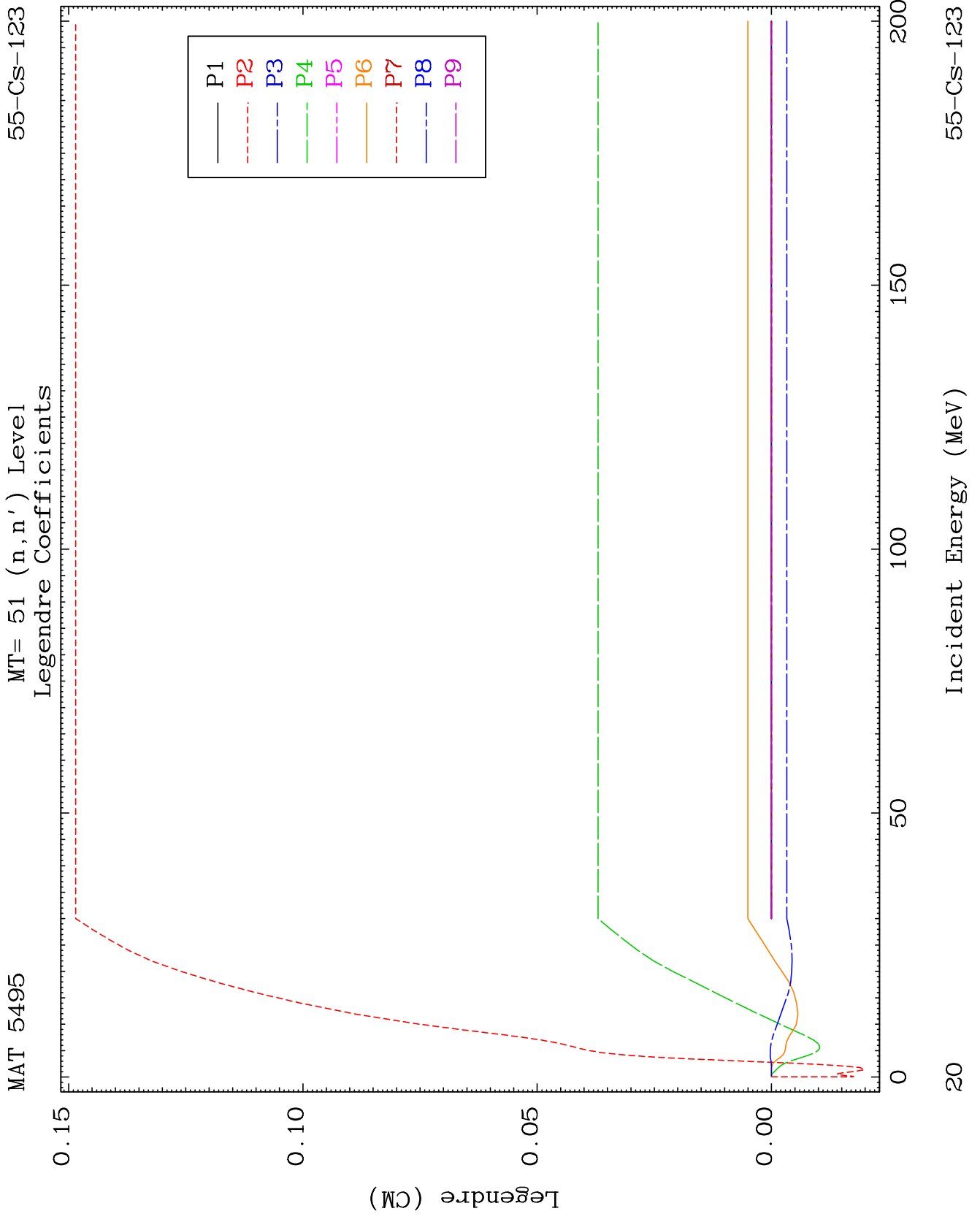
55-Cs-123



19

Incident Energy (MeV)

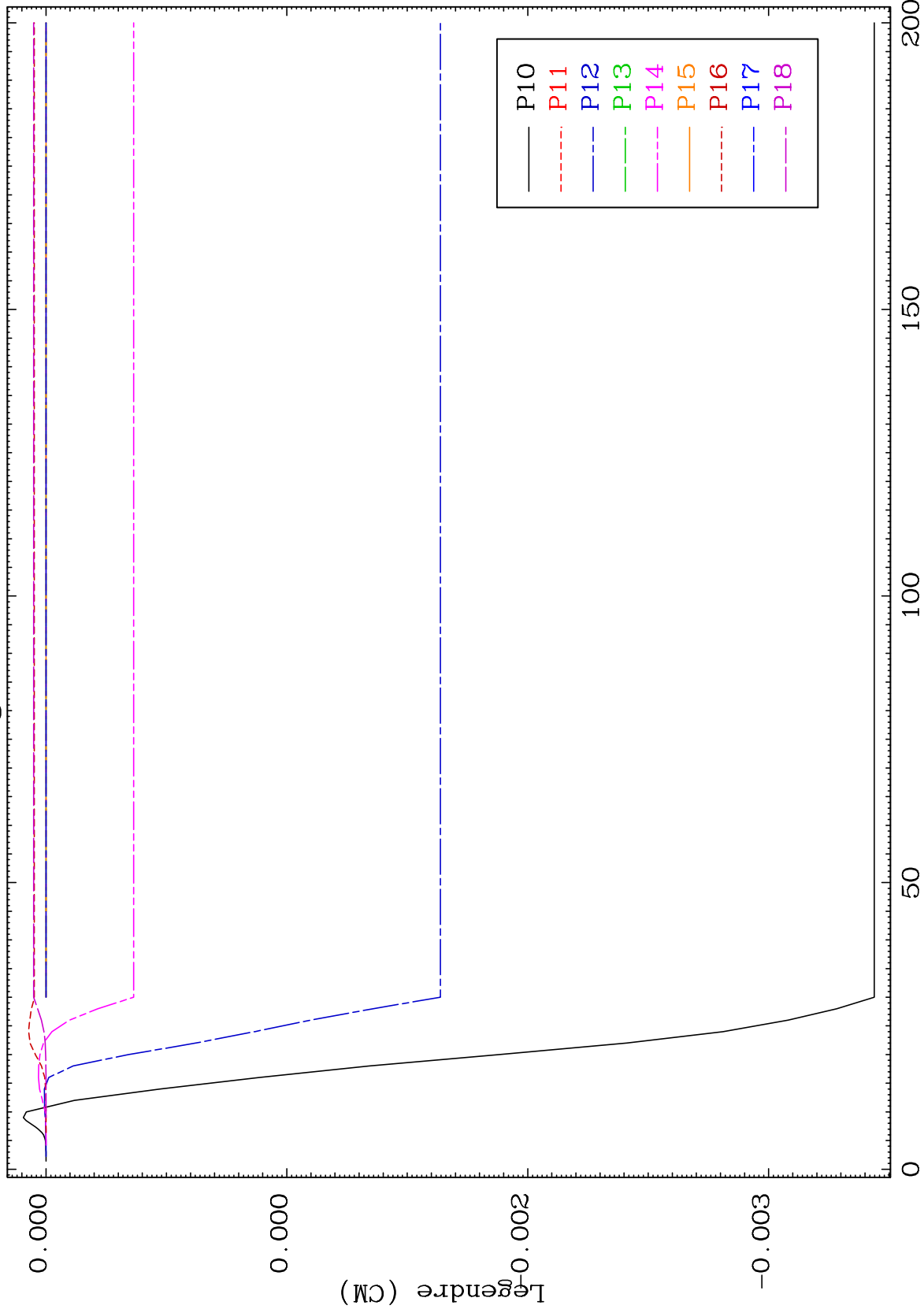
55-Cs-123



MAT 5495

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

55-Cs-123



21

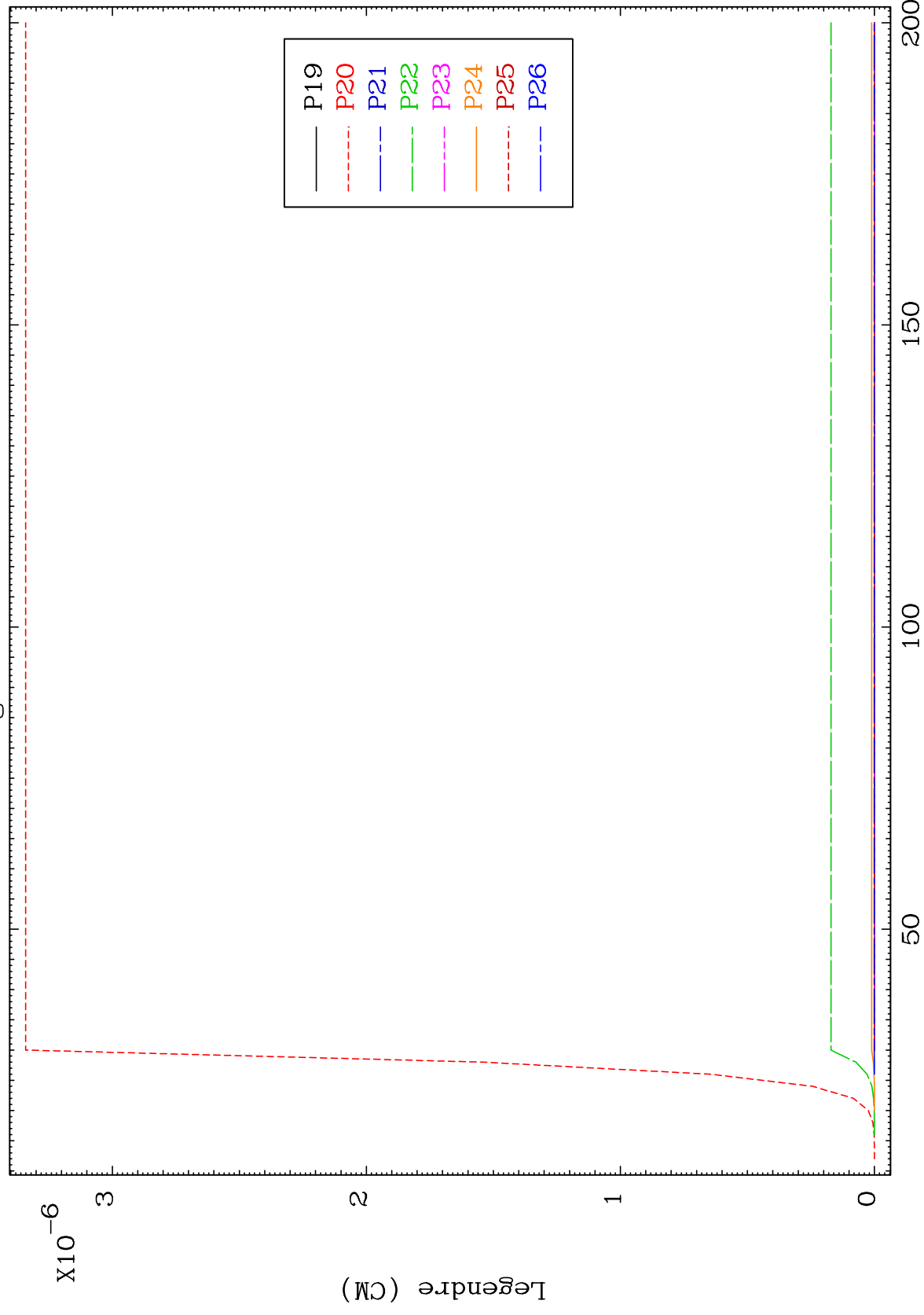
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



22

Incident Energy (MeV)

55-Cs-123

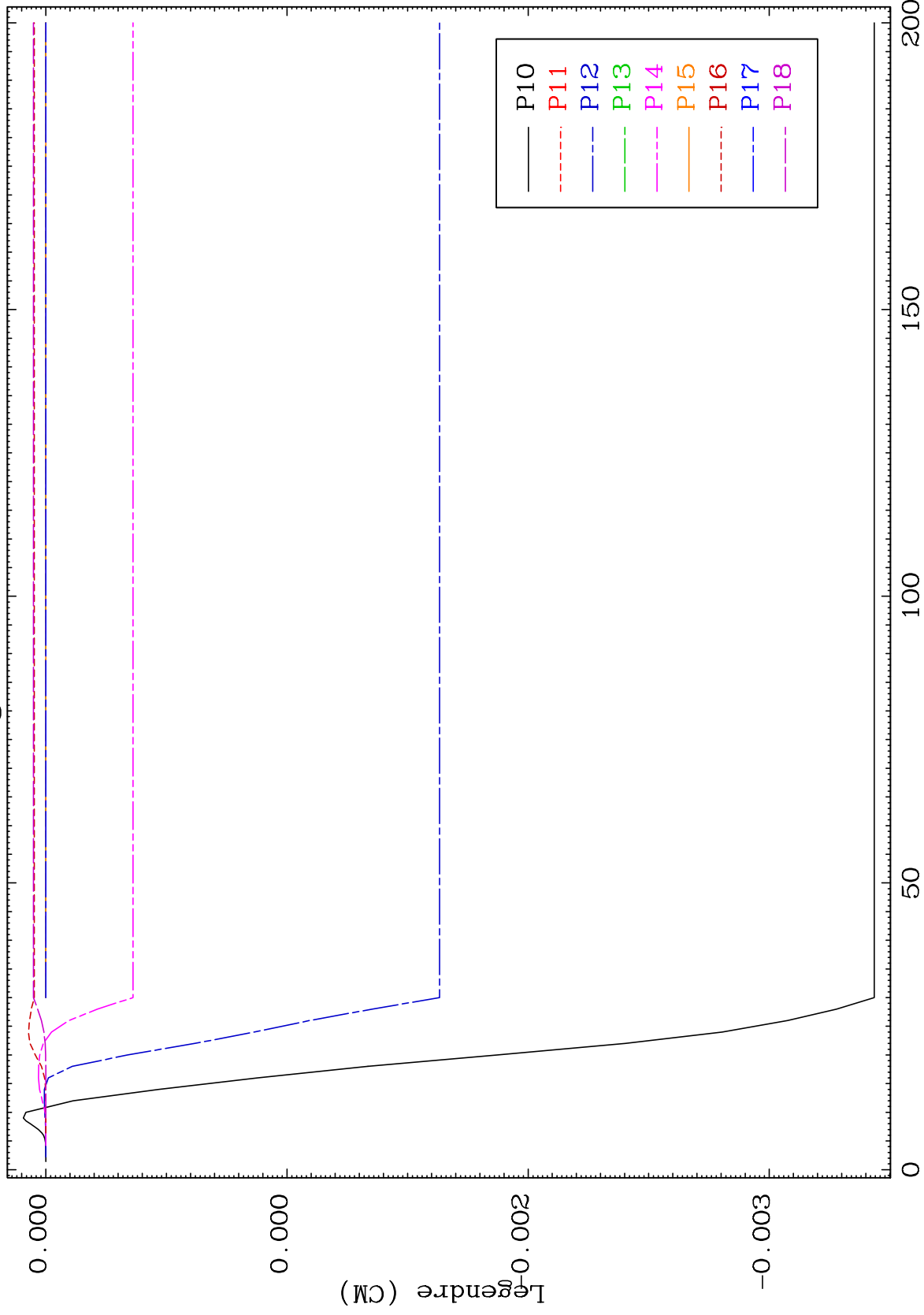




MAT 5495

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

55-Cs-123



24

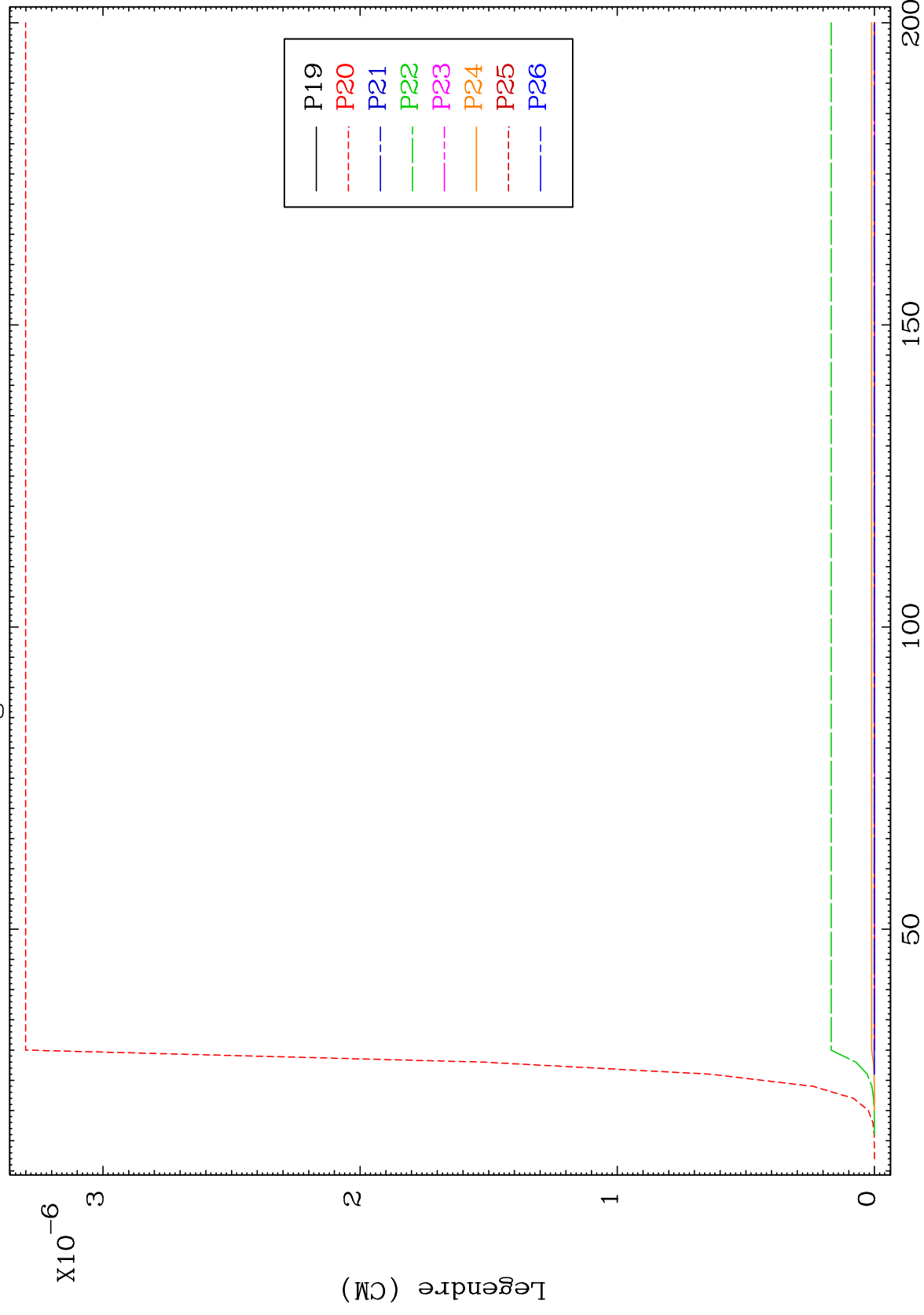
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



55-Cs-123

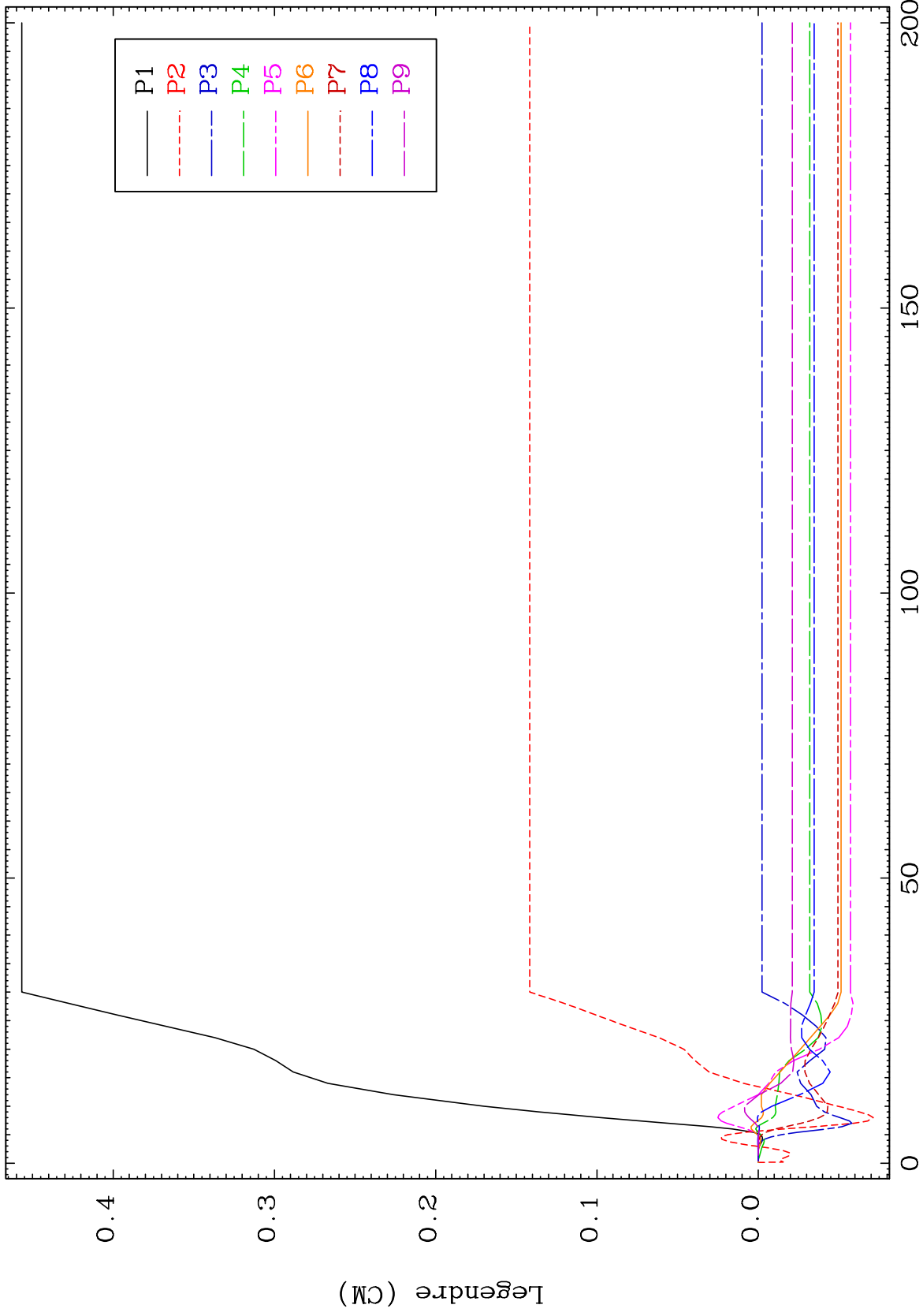
Incident Energy (MeV)

25

MAT 5495

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

55-Cs-123



26

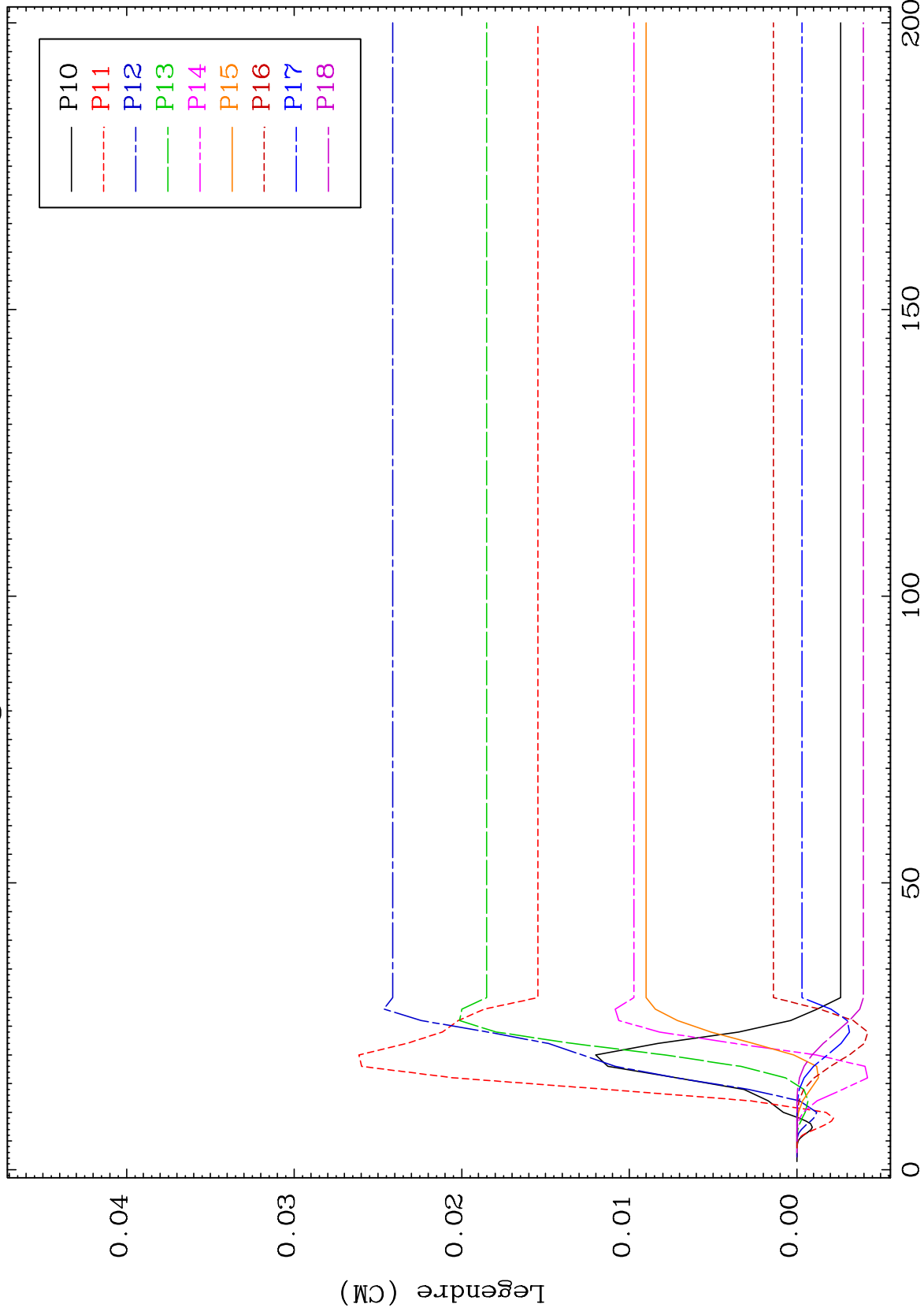
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



27

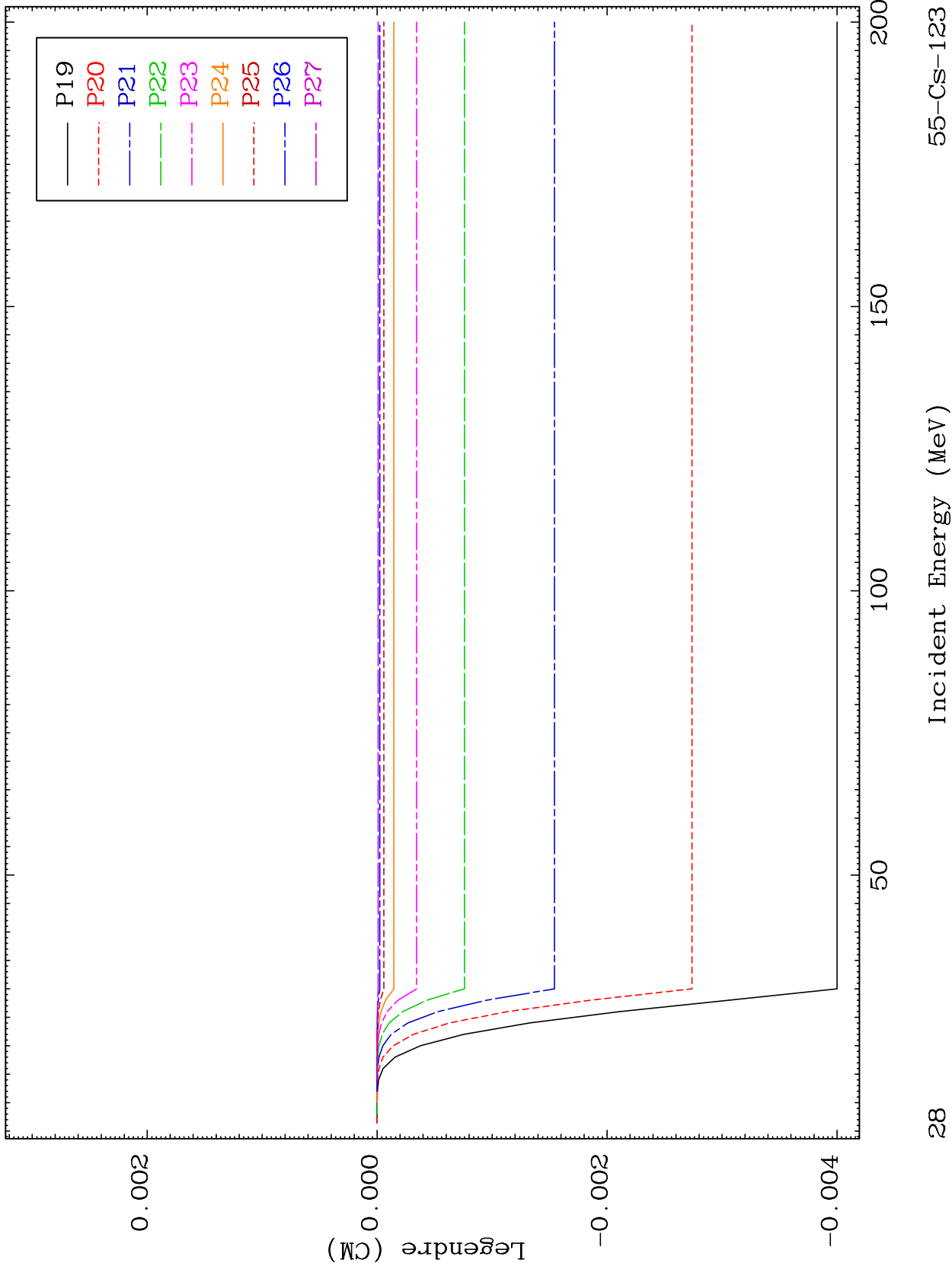
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



28

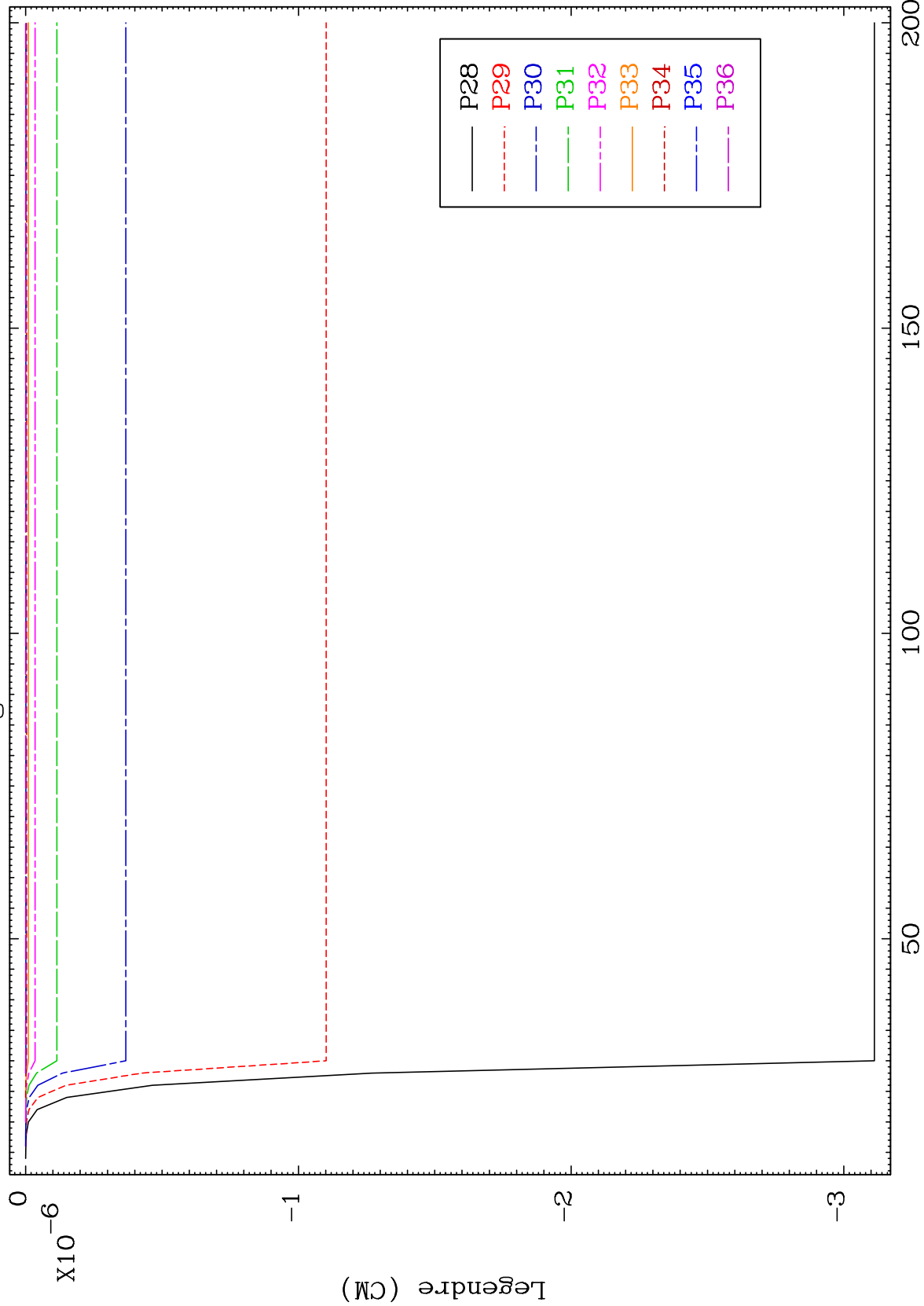
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



29

Incident Energy (MeV)

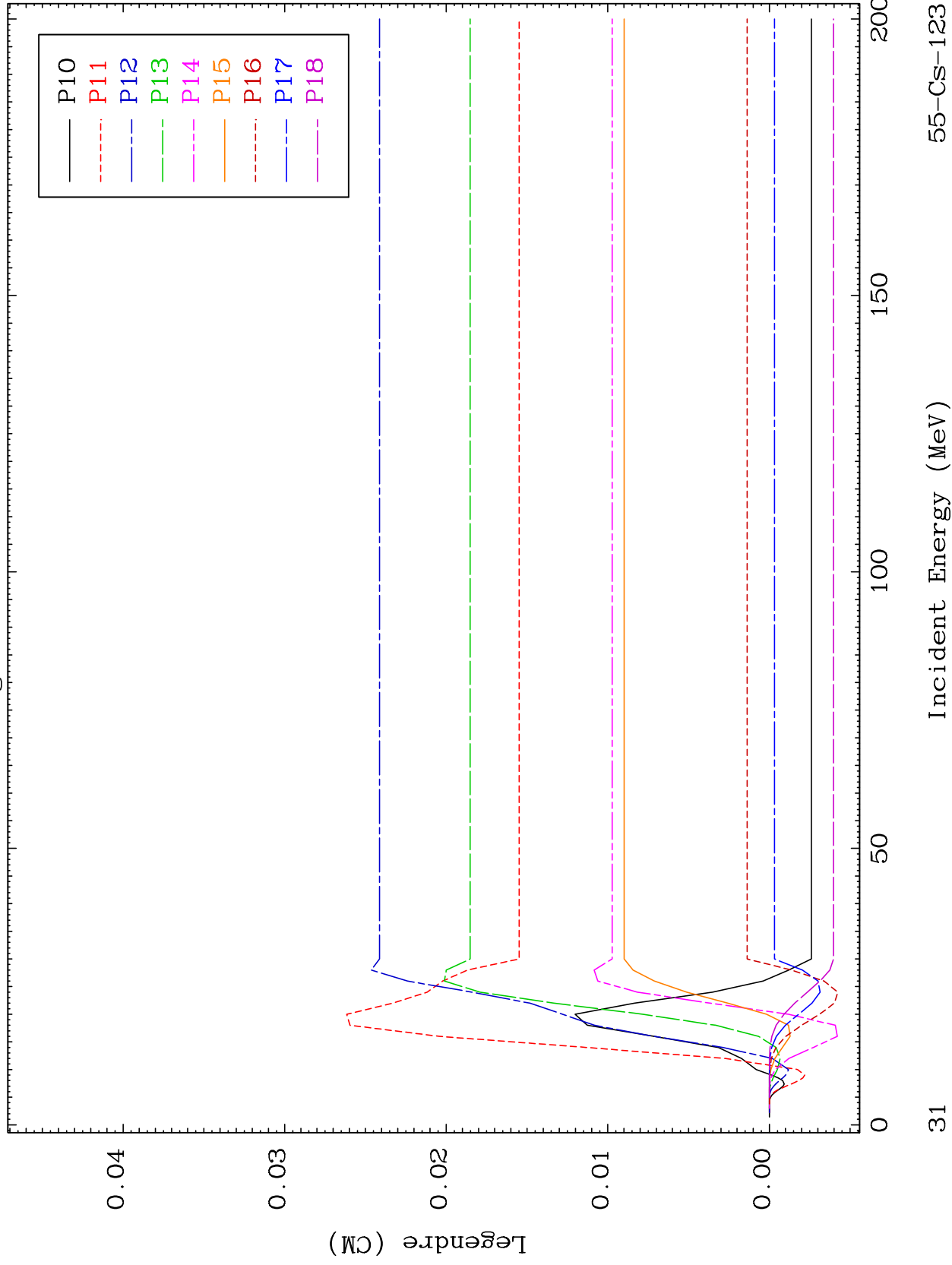
55-Cs-123



MAT 5495

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

55-Cs-123



31

Incident Energy (MeV)

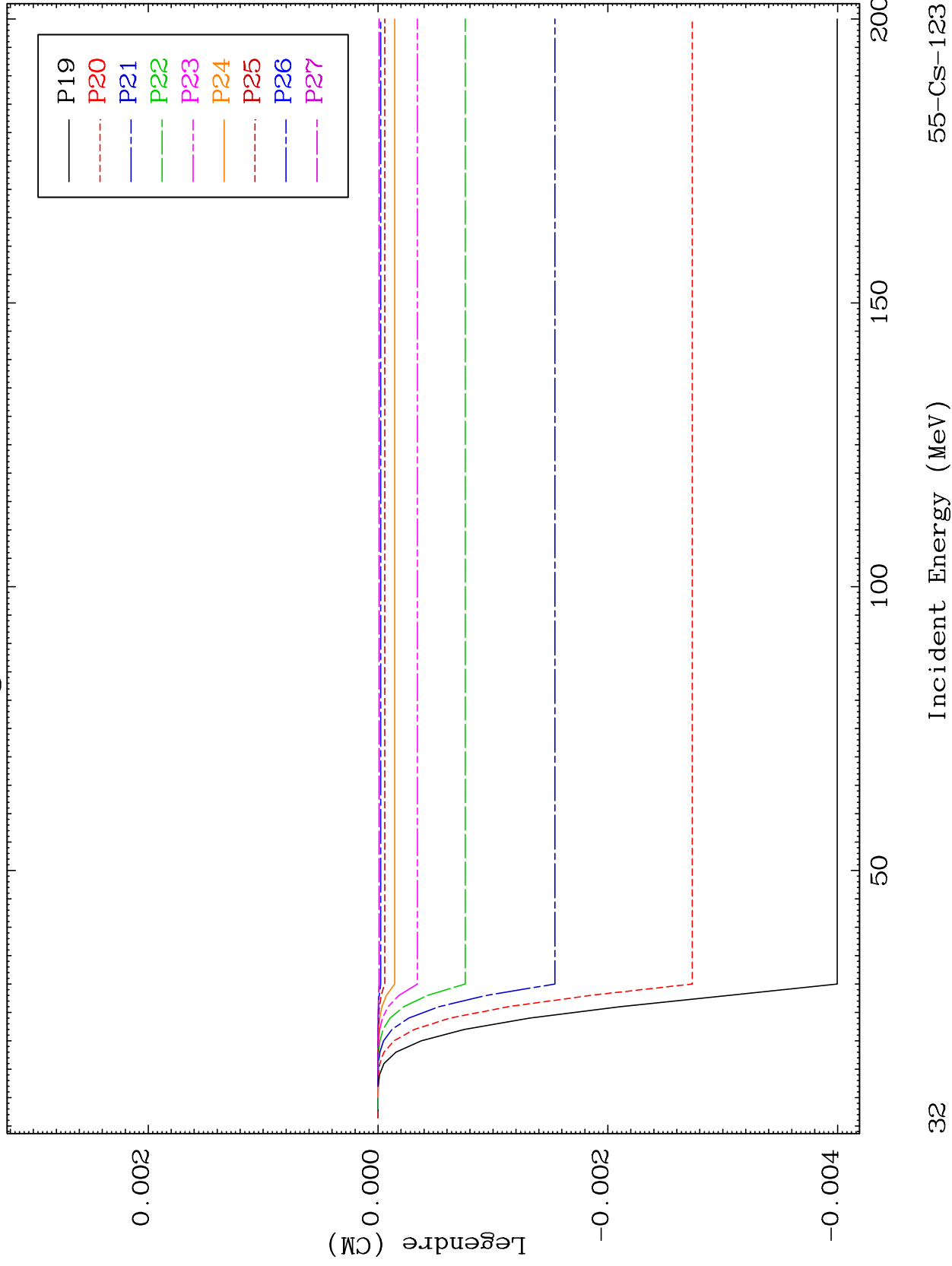
55-Cs-123



MAT 5495

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

55-Cs-123



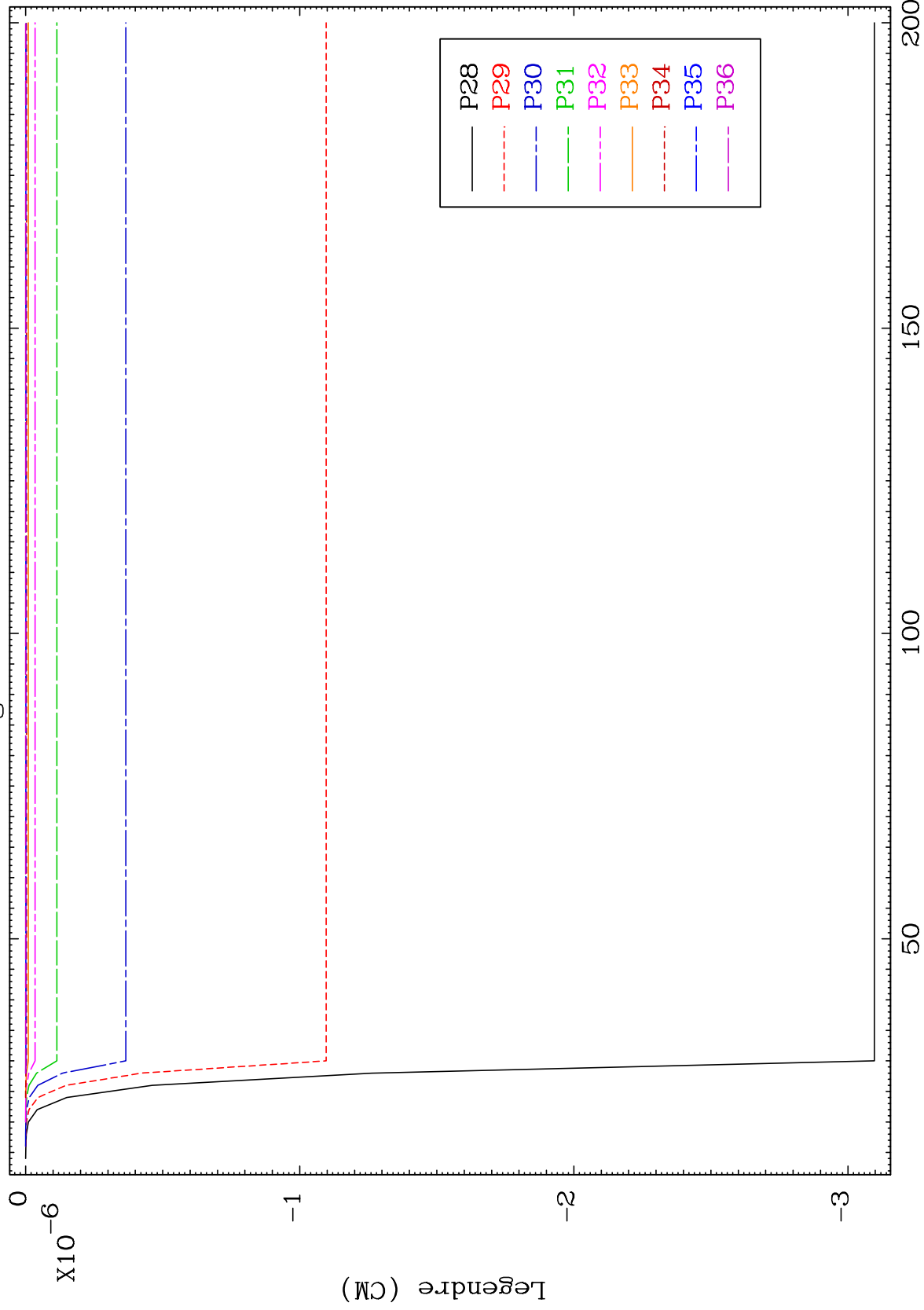
32

55-Cs-123

MAT 5495

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

55-Cs-123



33

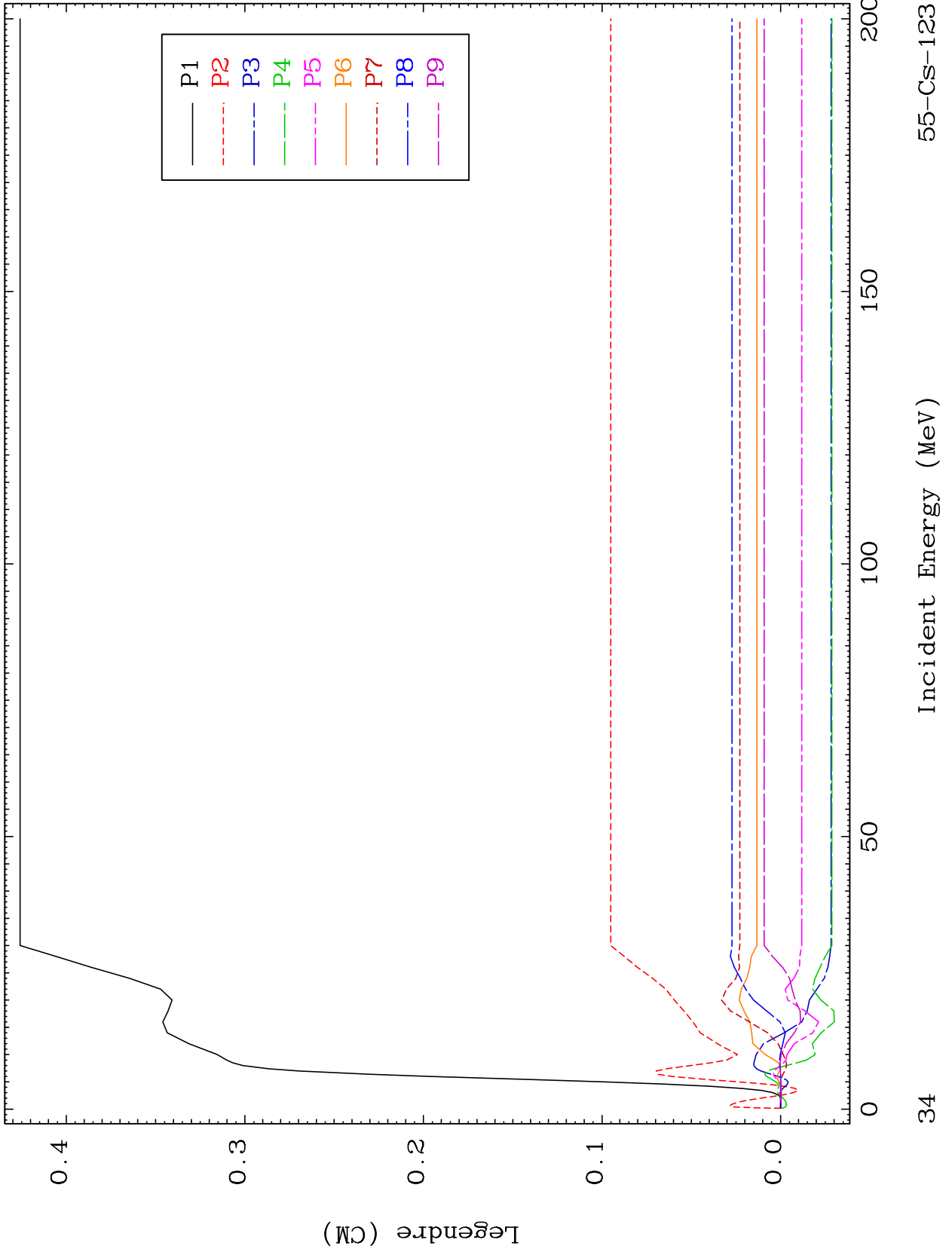
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



34

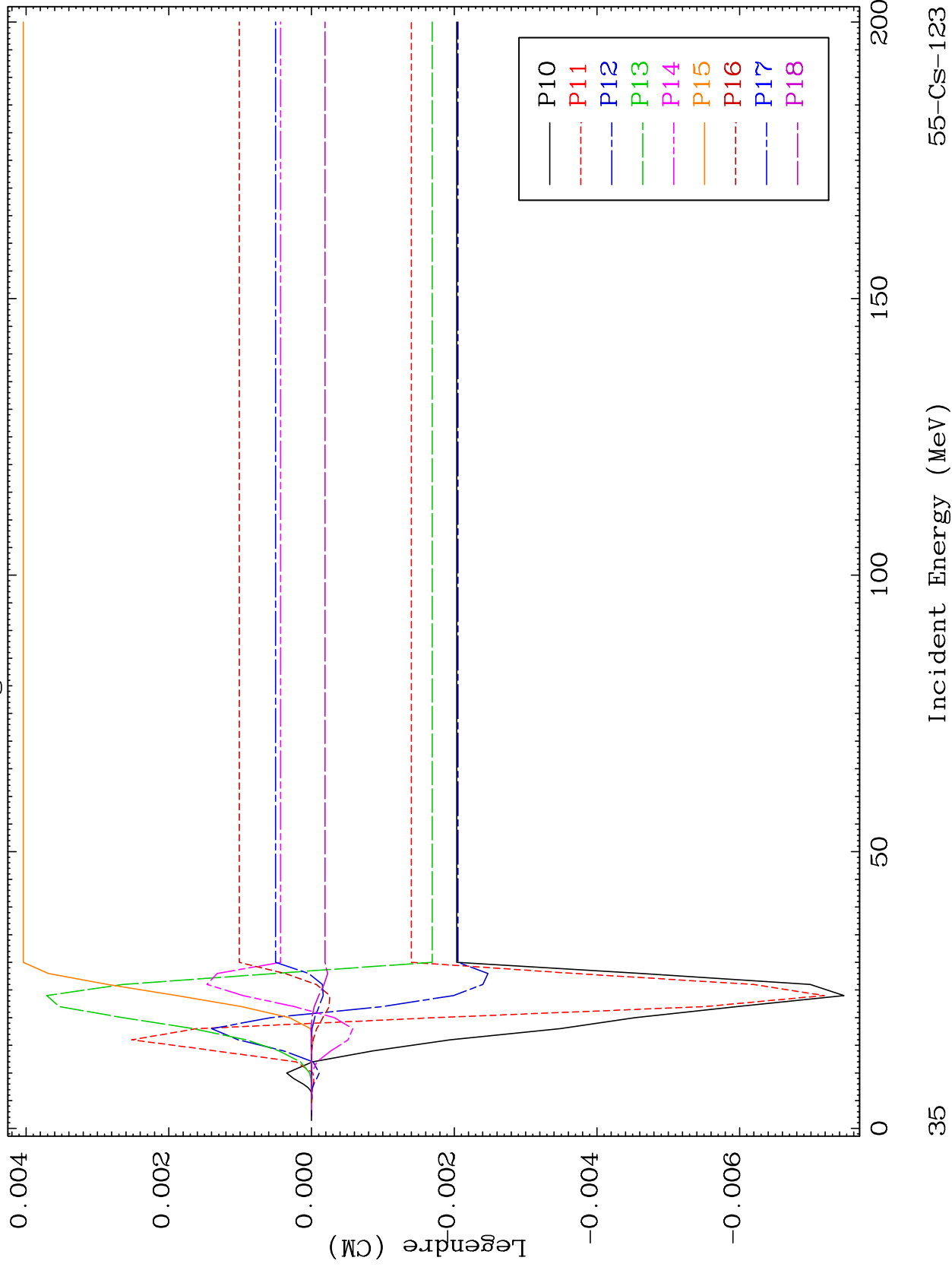
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



55-Cs-123

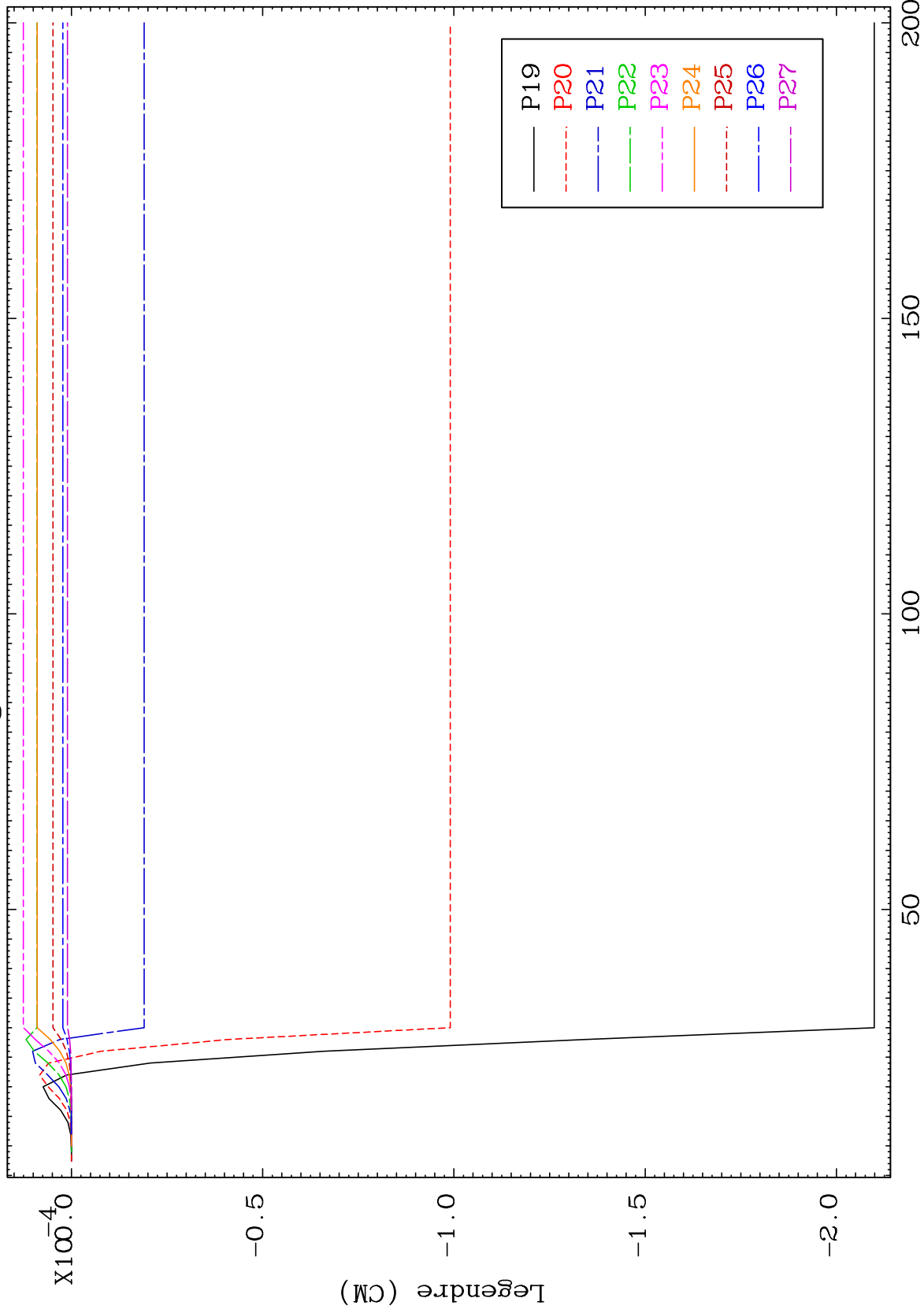
Incident Energy (MeV)

35

MAT 5495

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

55-Cs-123

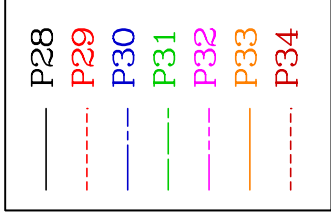


MAT 5495

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

55-Cs-123

$\times 10^{-7}$



Legendre (CM)

200

150

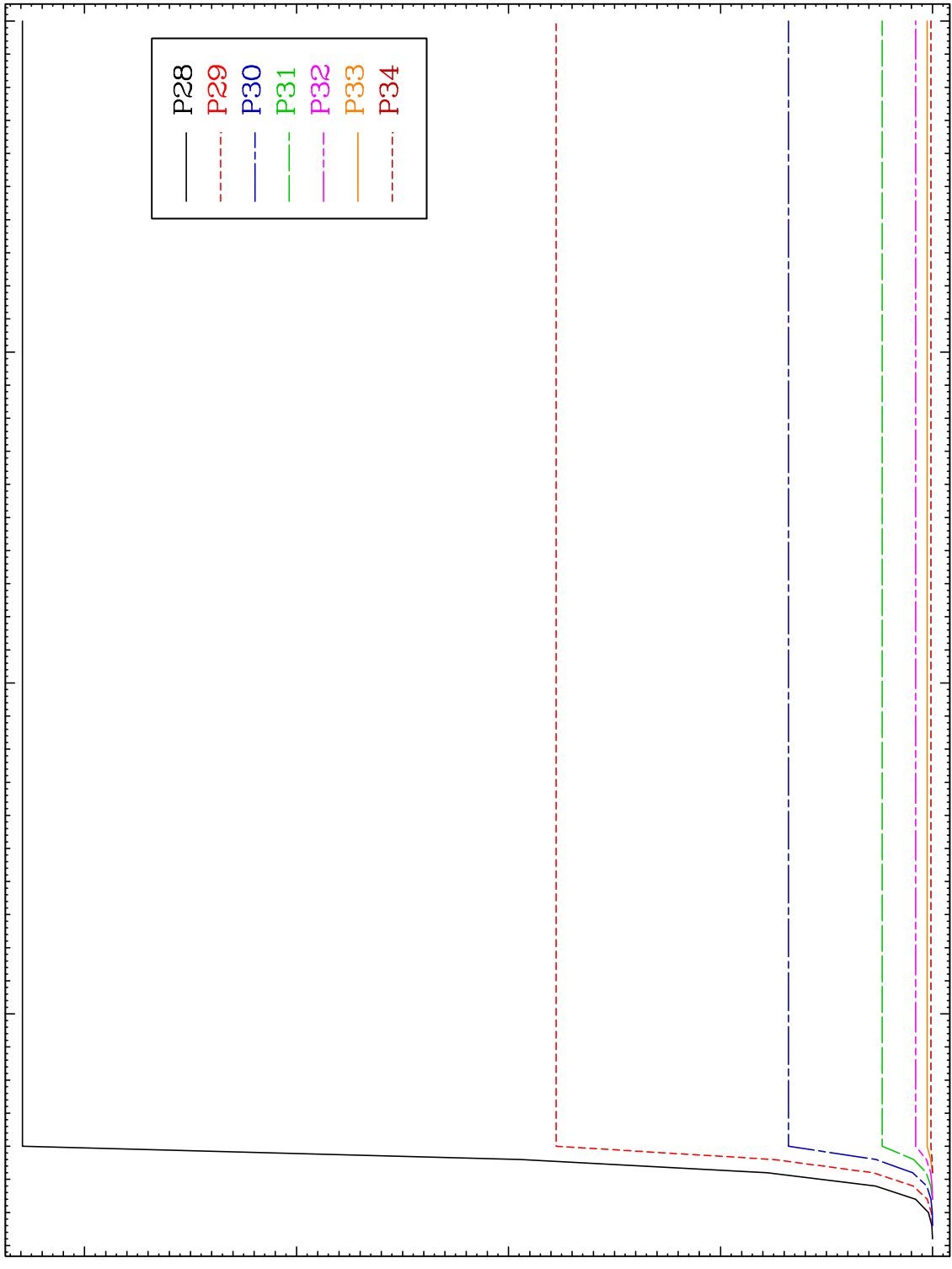
100

50

37

Incident Energy (MeV)

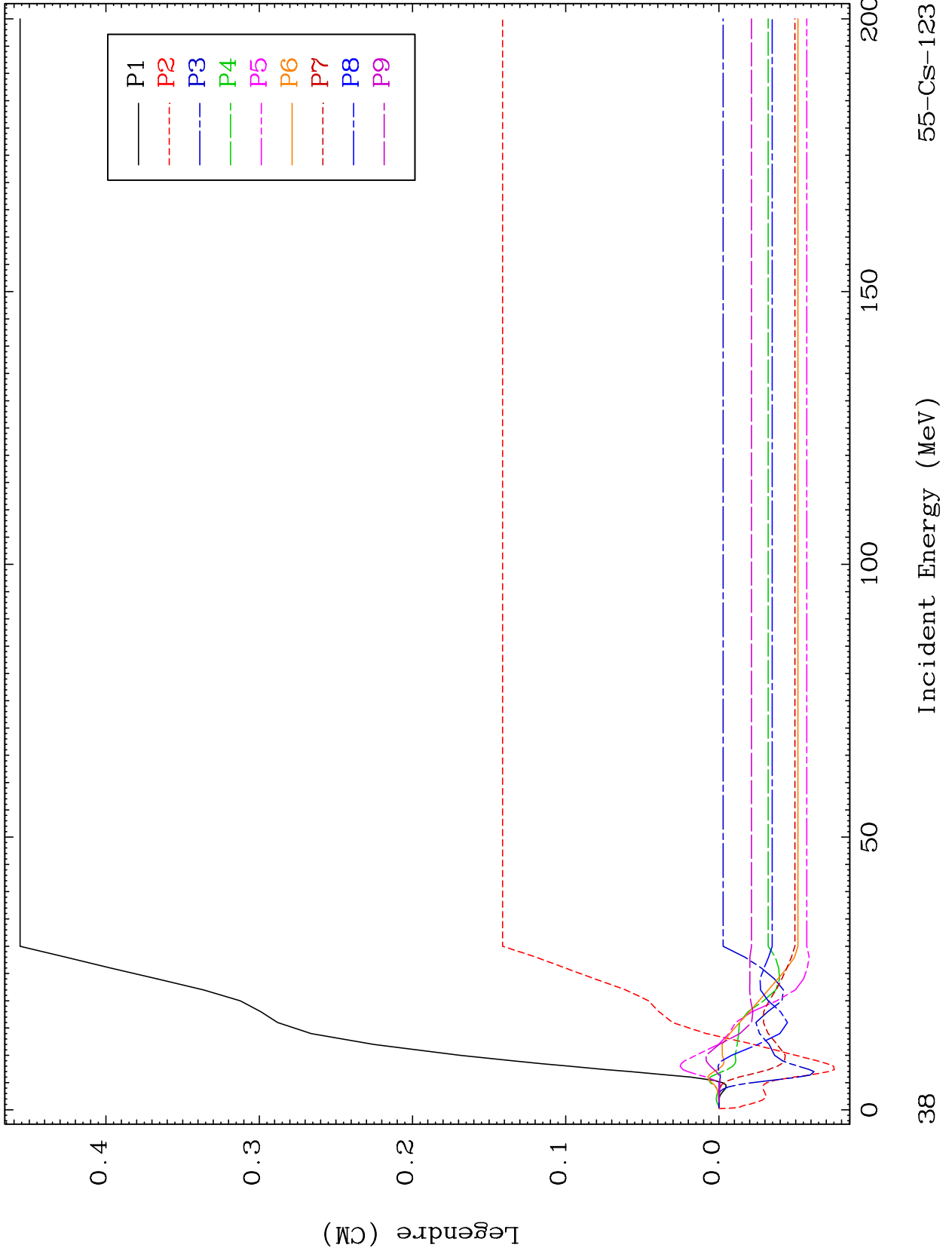
55-Cs-123



MAT 5495

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

55-Cs-123



55-Cs-123

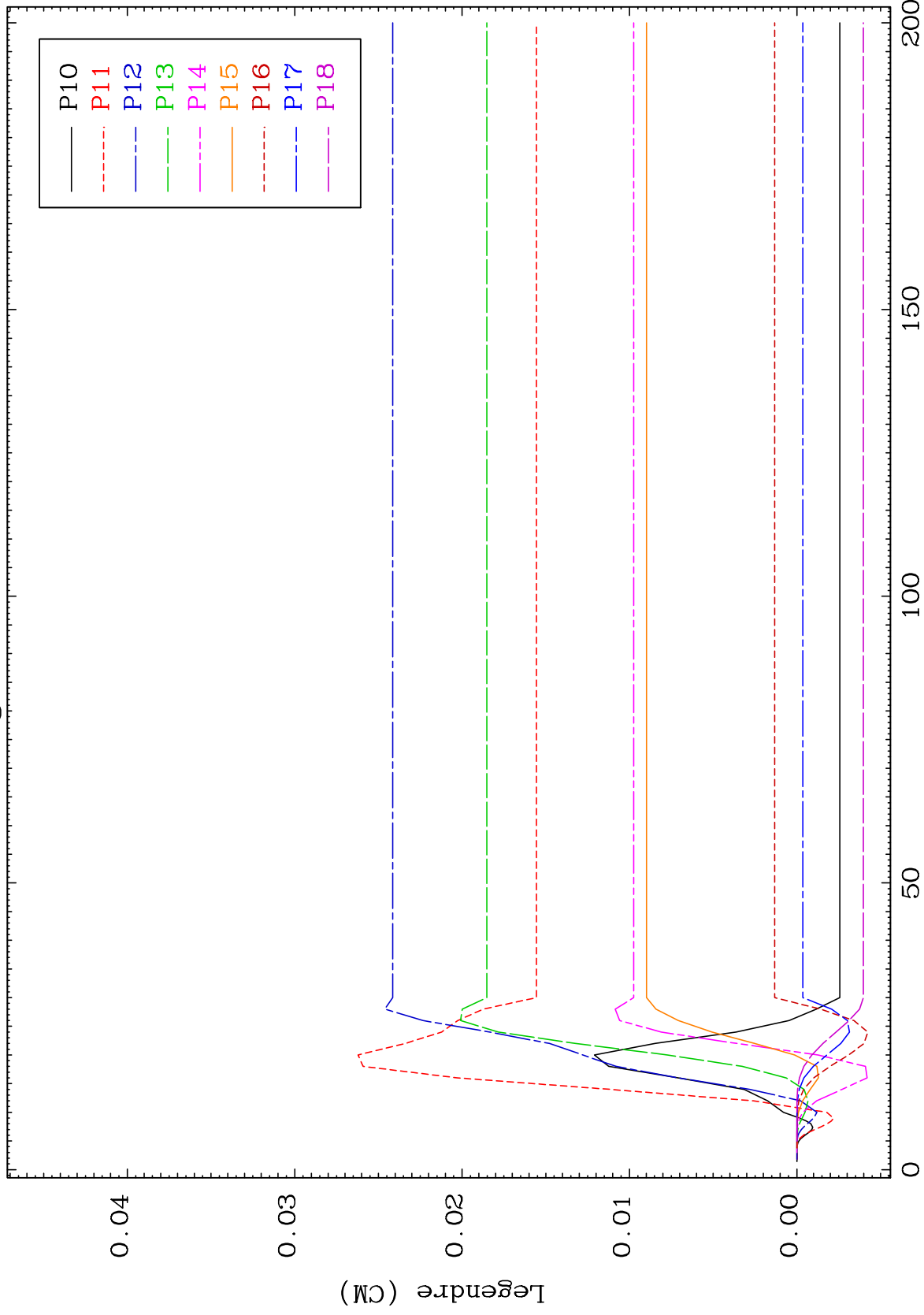
Incident Energy (MeV)

38

MAT 5495

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

55-Cs-123



39

Incident Energy (MeV)

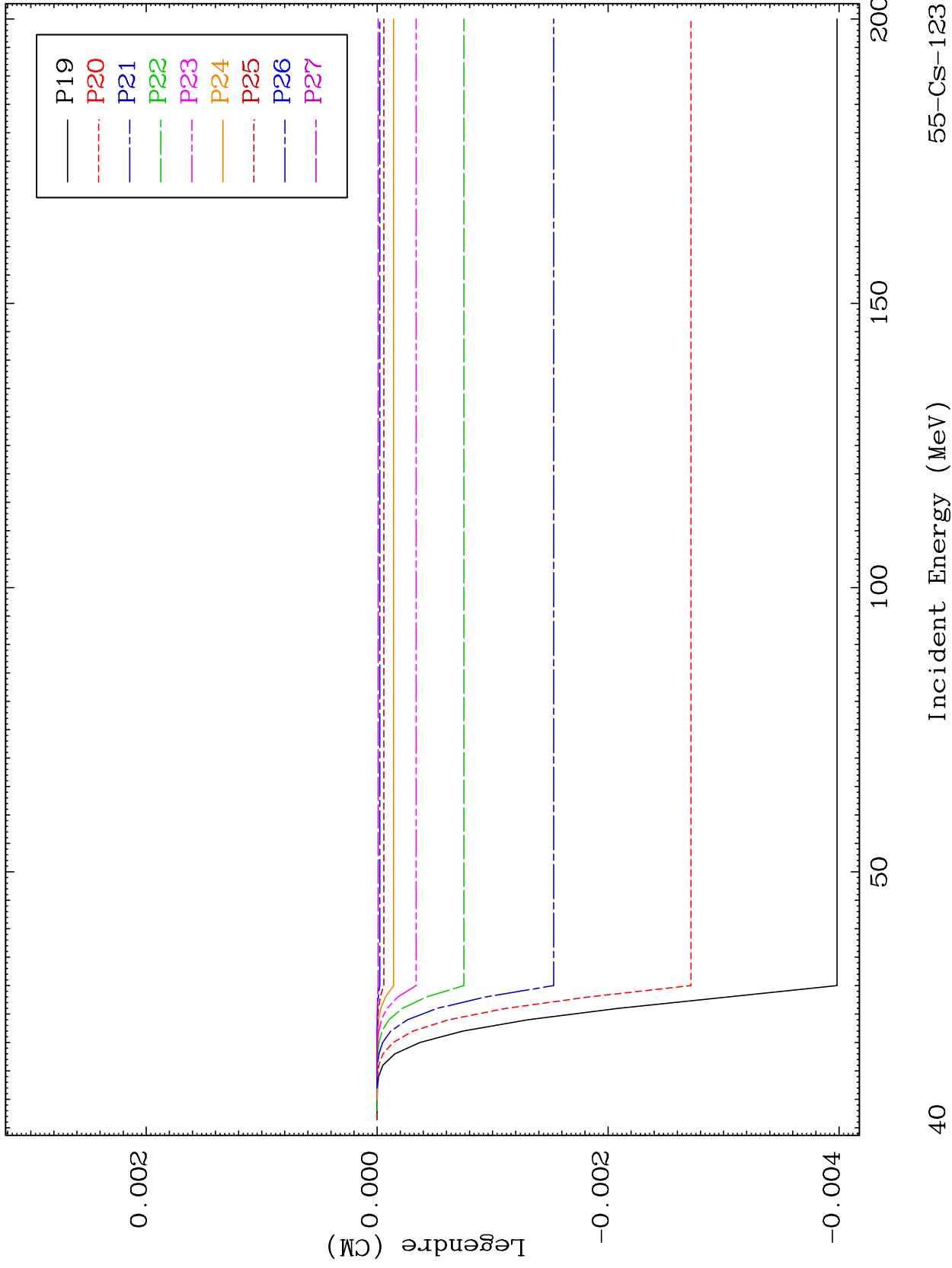
55-Cs-123



MAT 5495

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

55-Cs-123



40

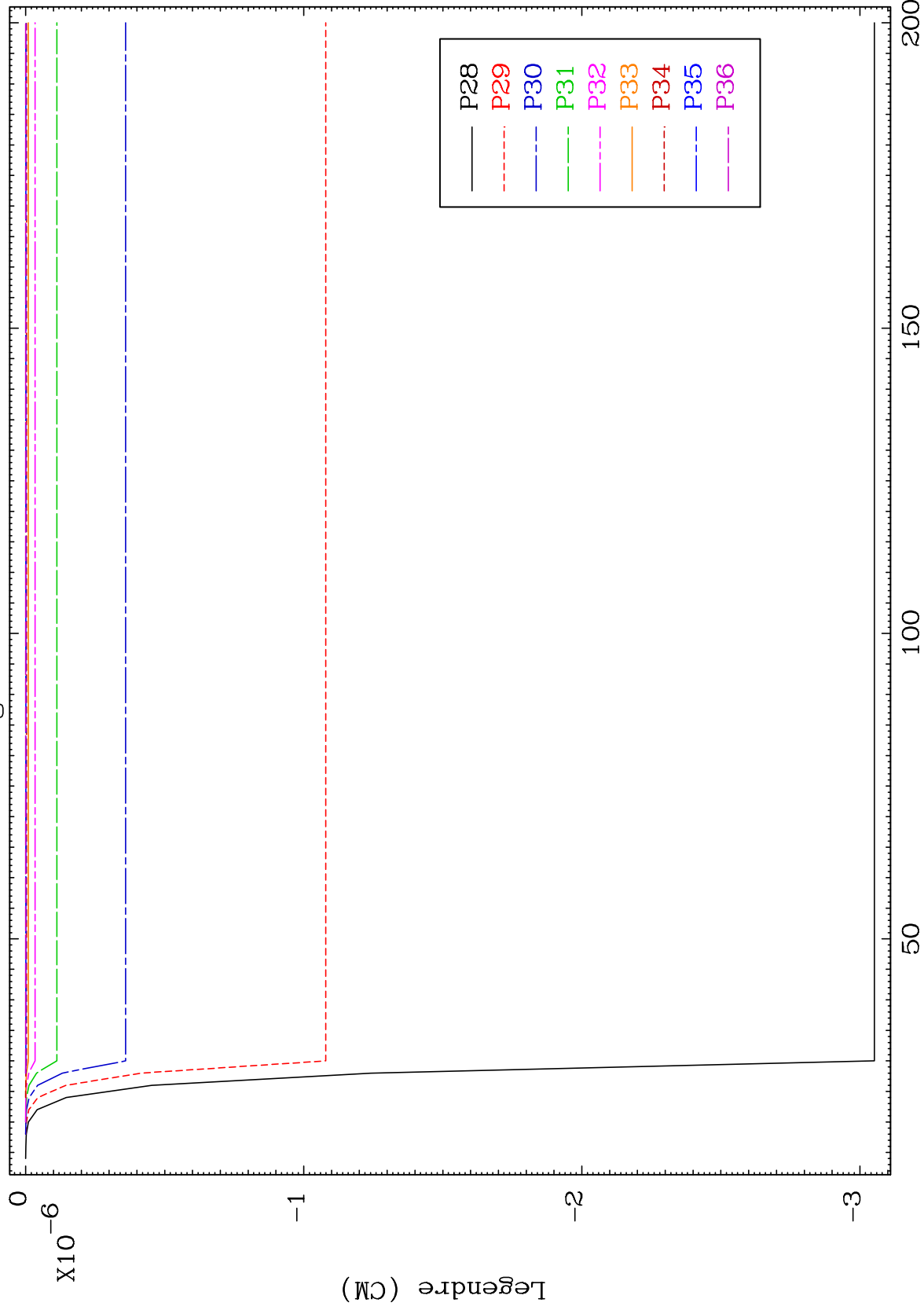
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



41

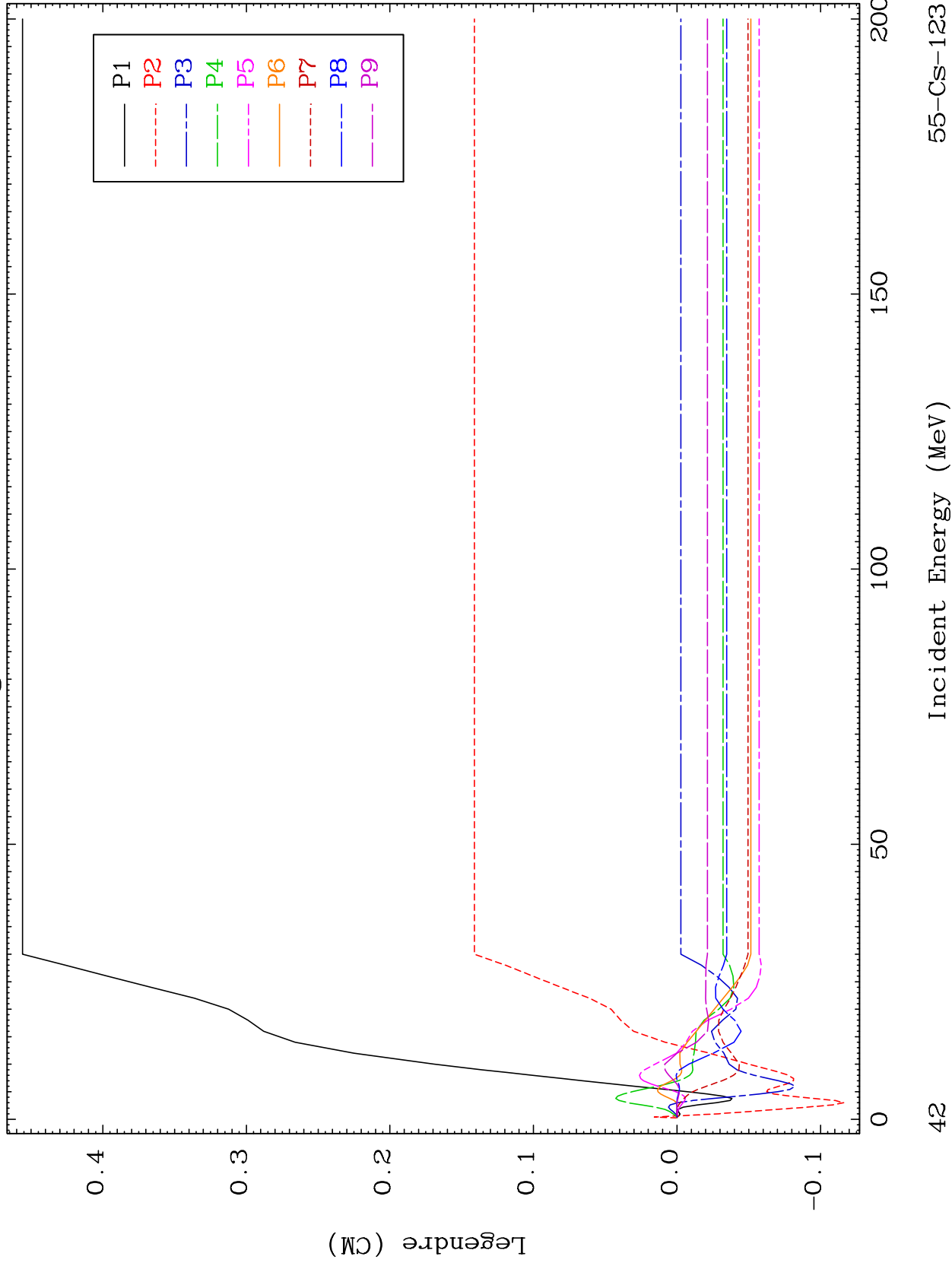
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



55-Cs-123

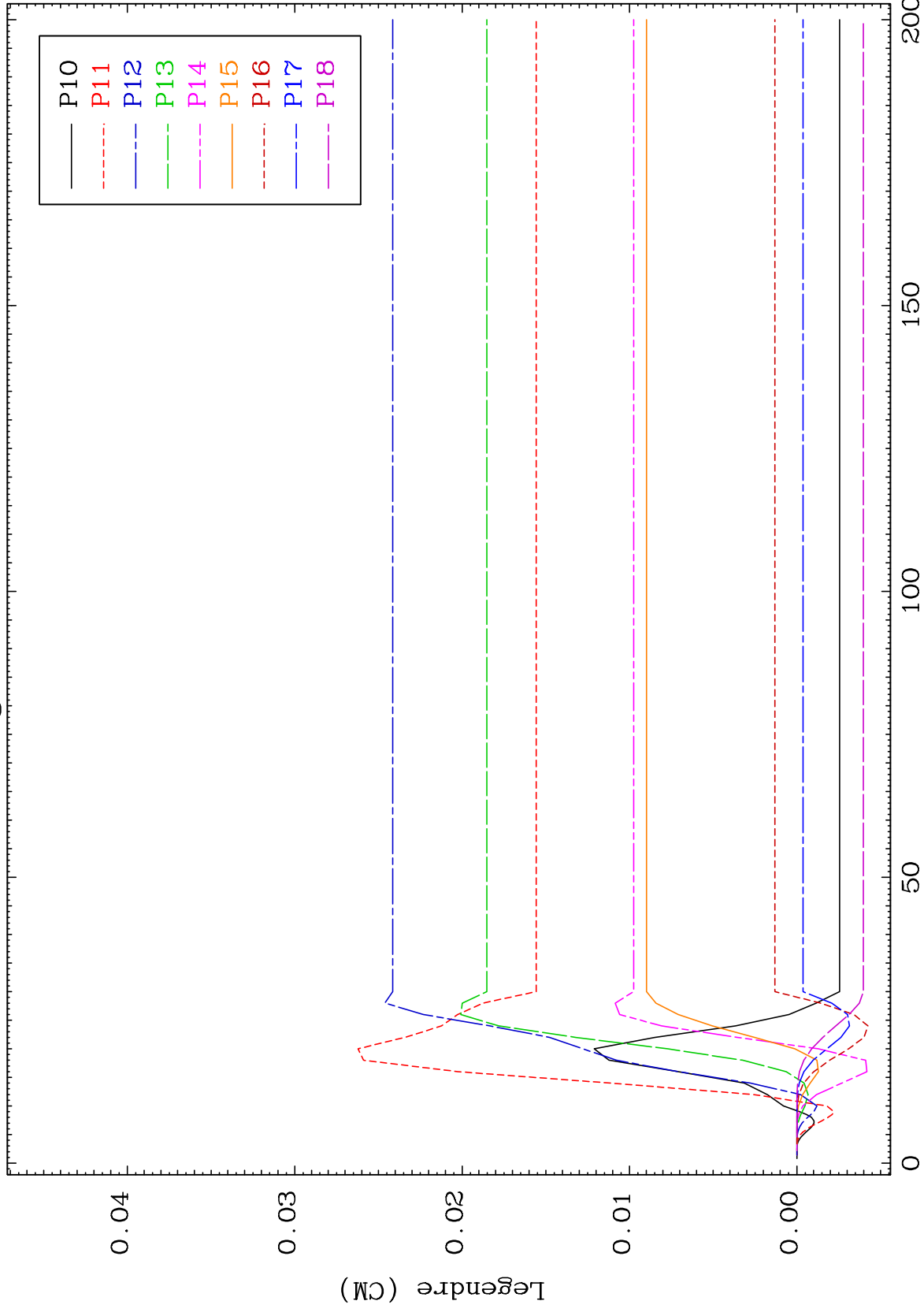
Incident Energy (MeV)

42

MAT 5495

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

55-Cs-123



43

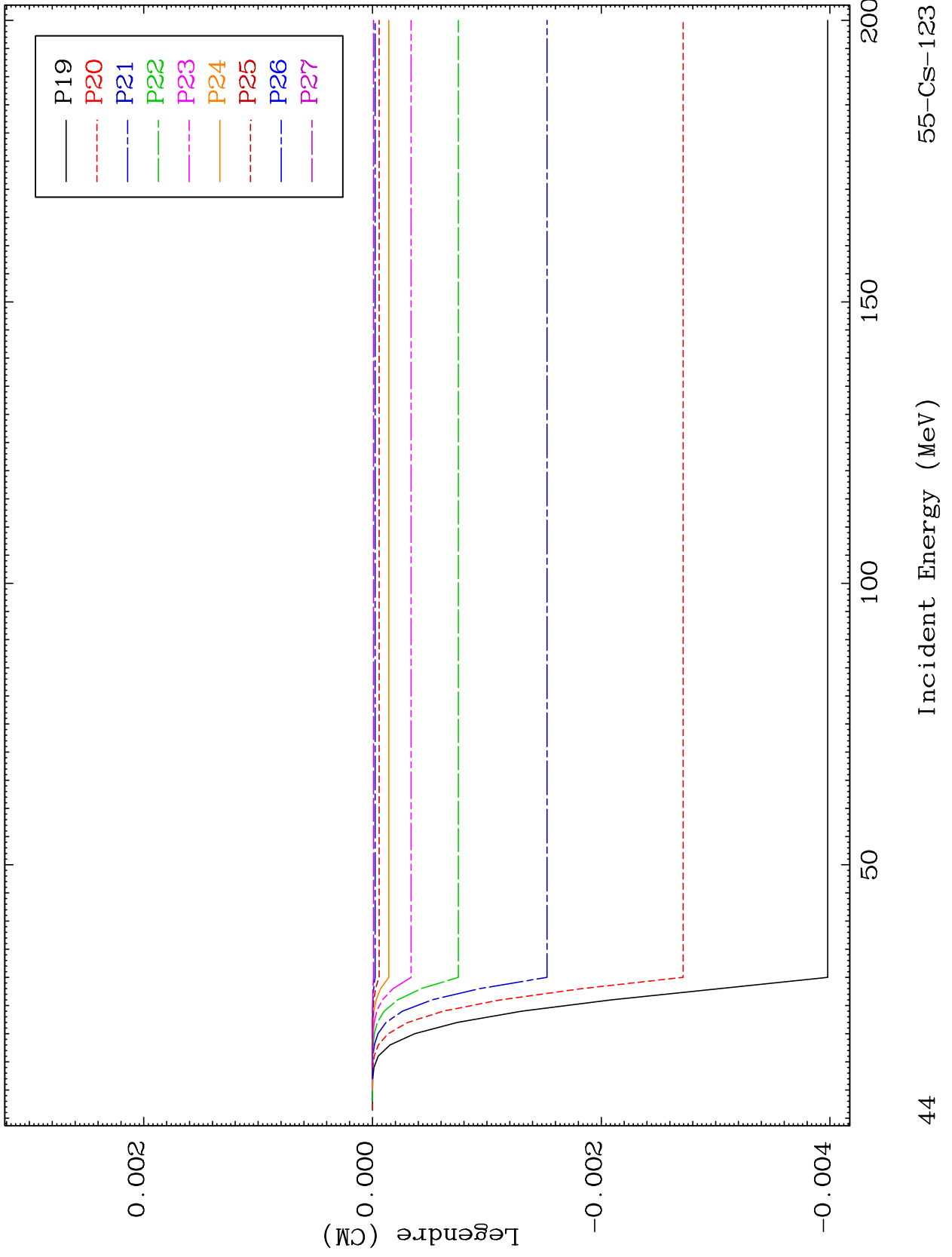
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



44

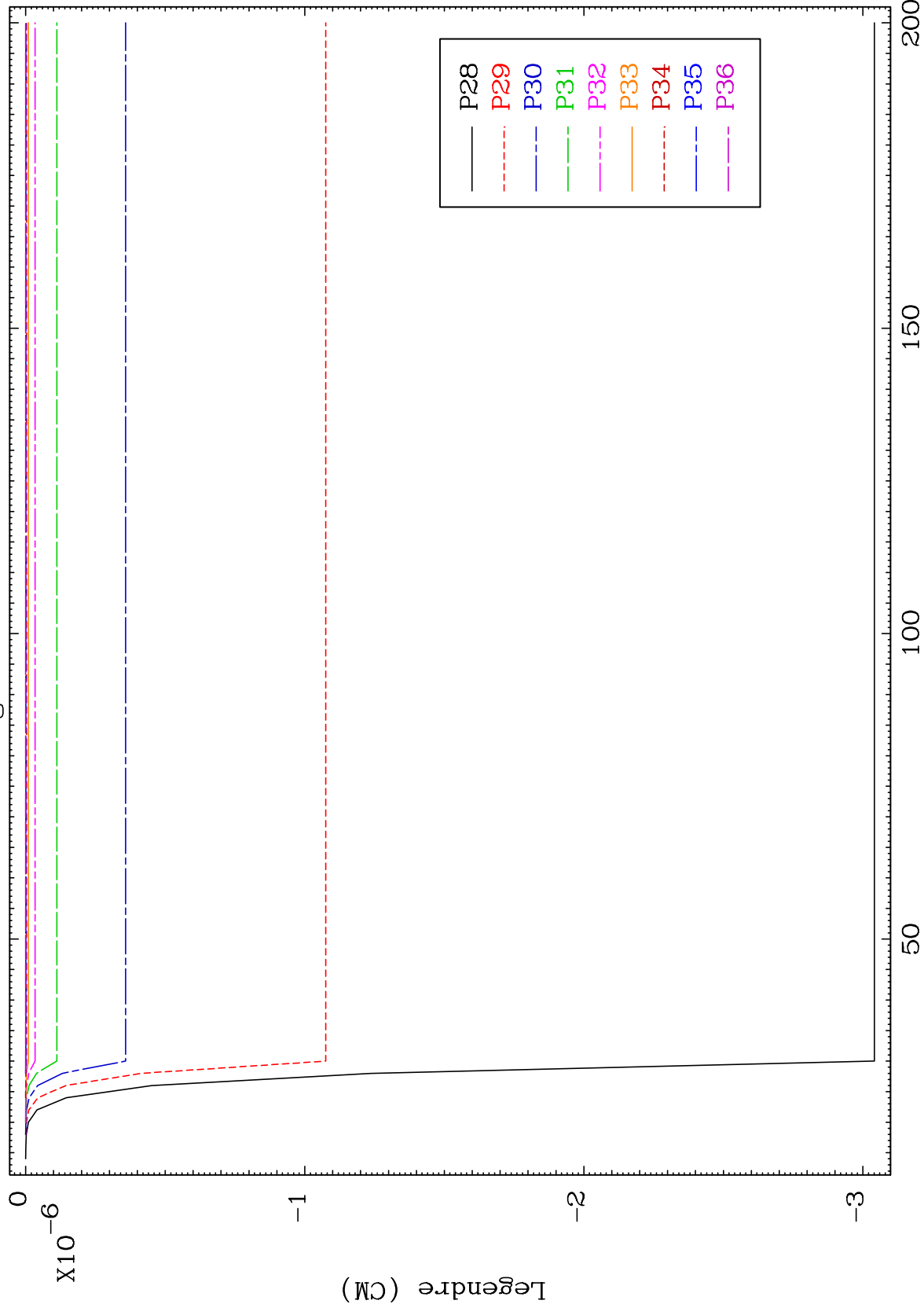
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



45

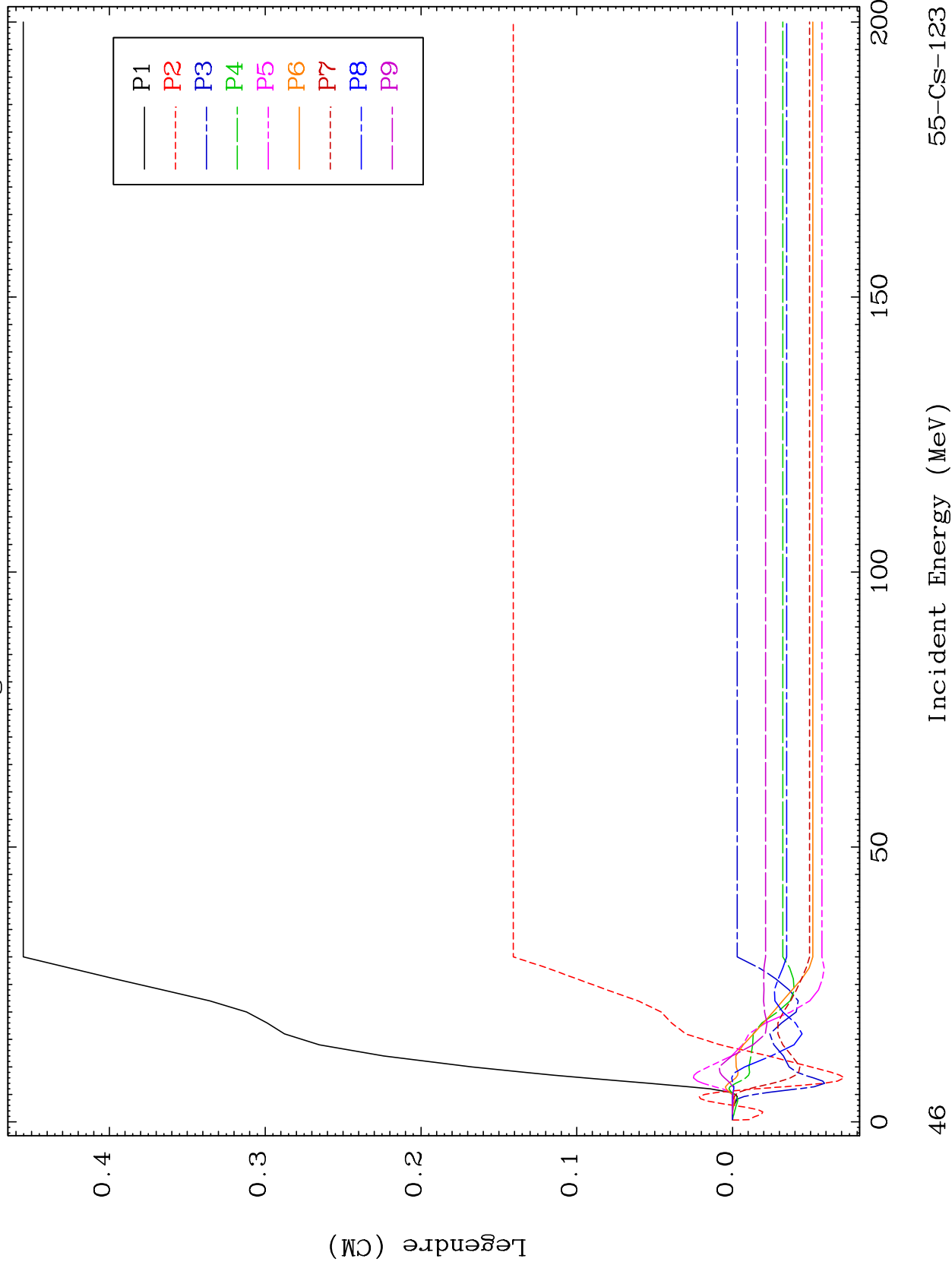
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



55-Cs-123

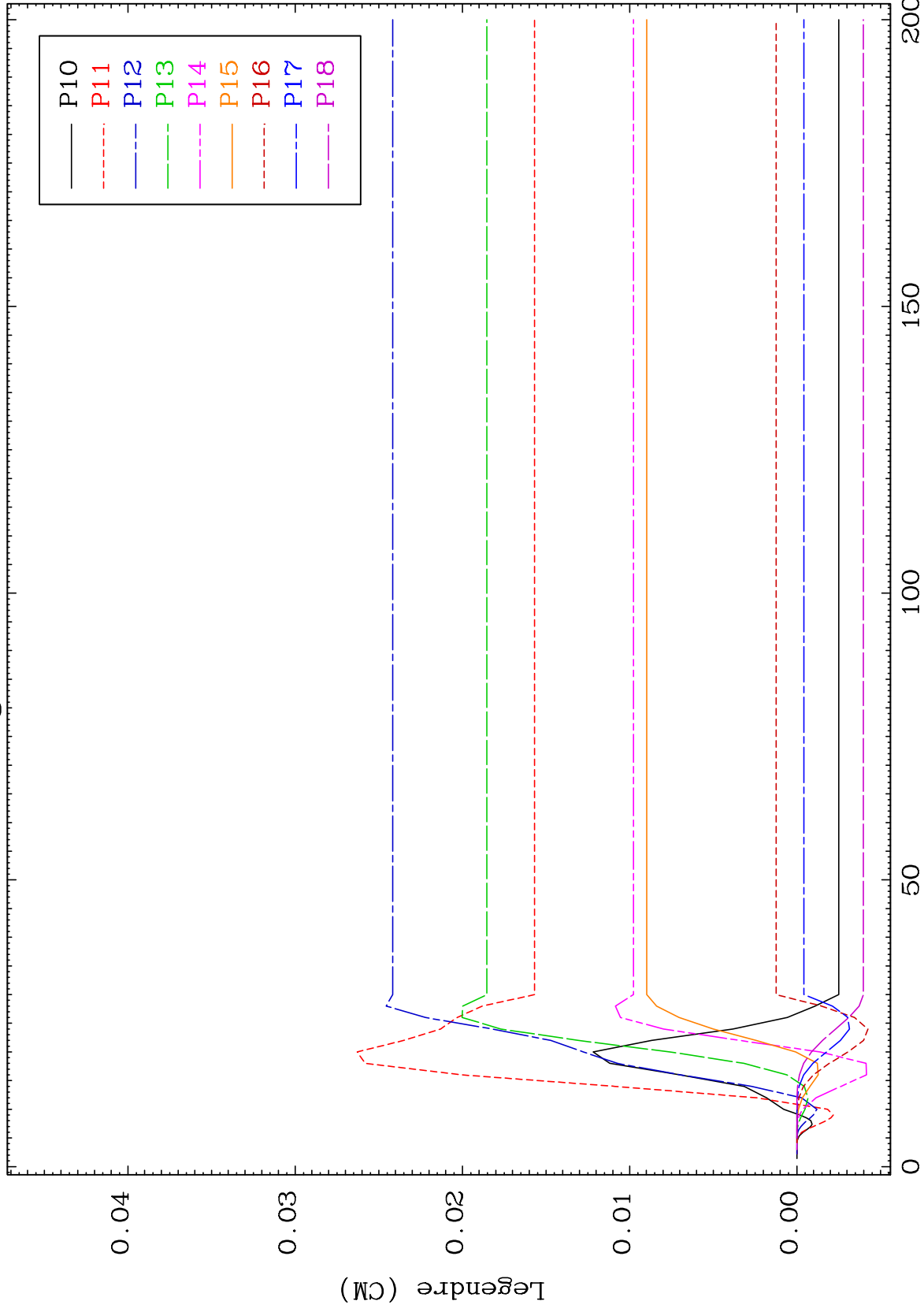
Incident Energy (MeV)

46

MAT 5495

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

55-Cs-123



47

Incident Energy (MeV)

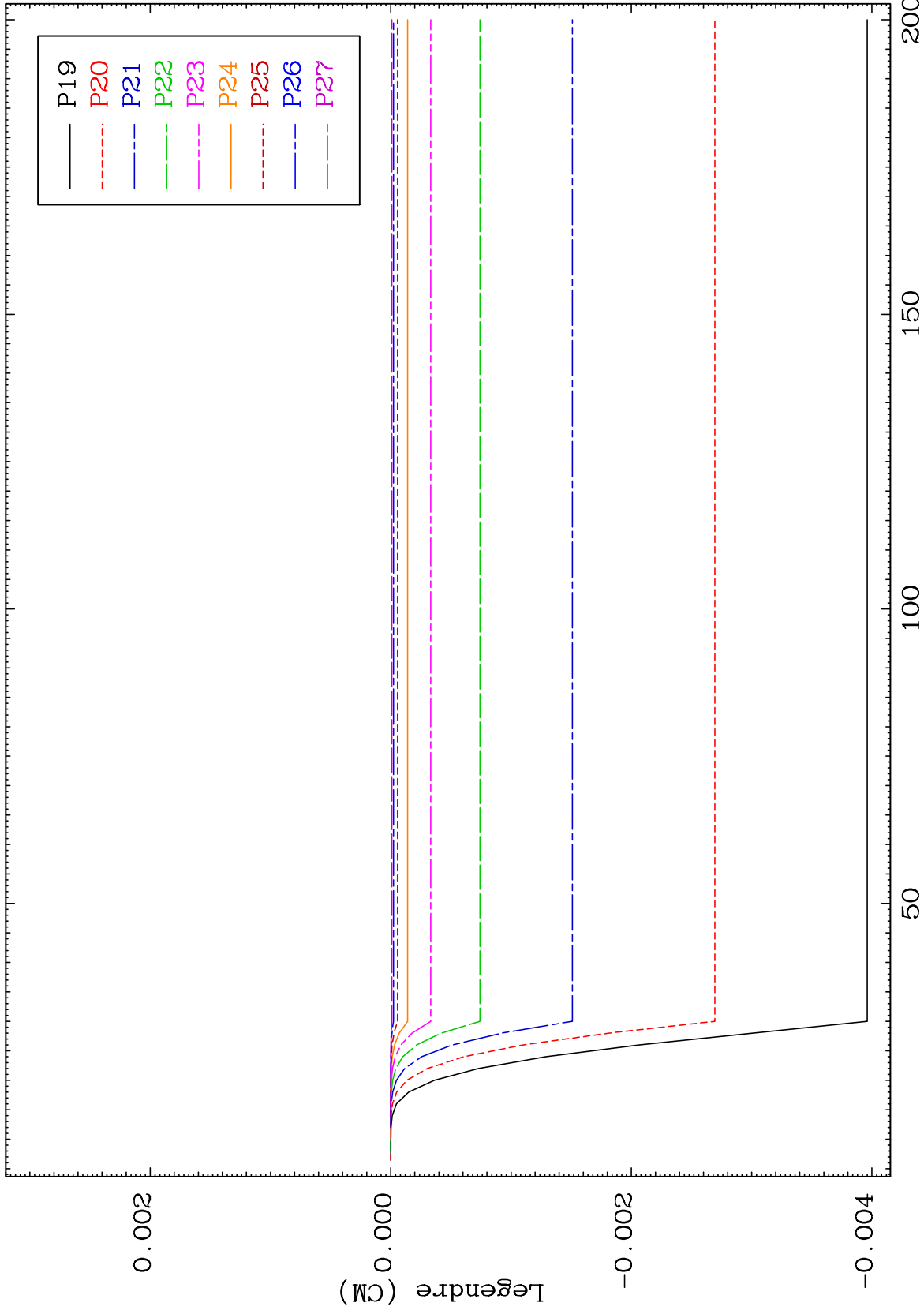
55-Cs-123



MAT 5495

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

55-Cs-123



48

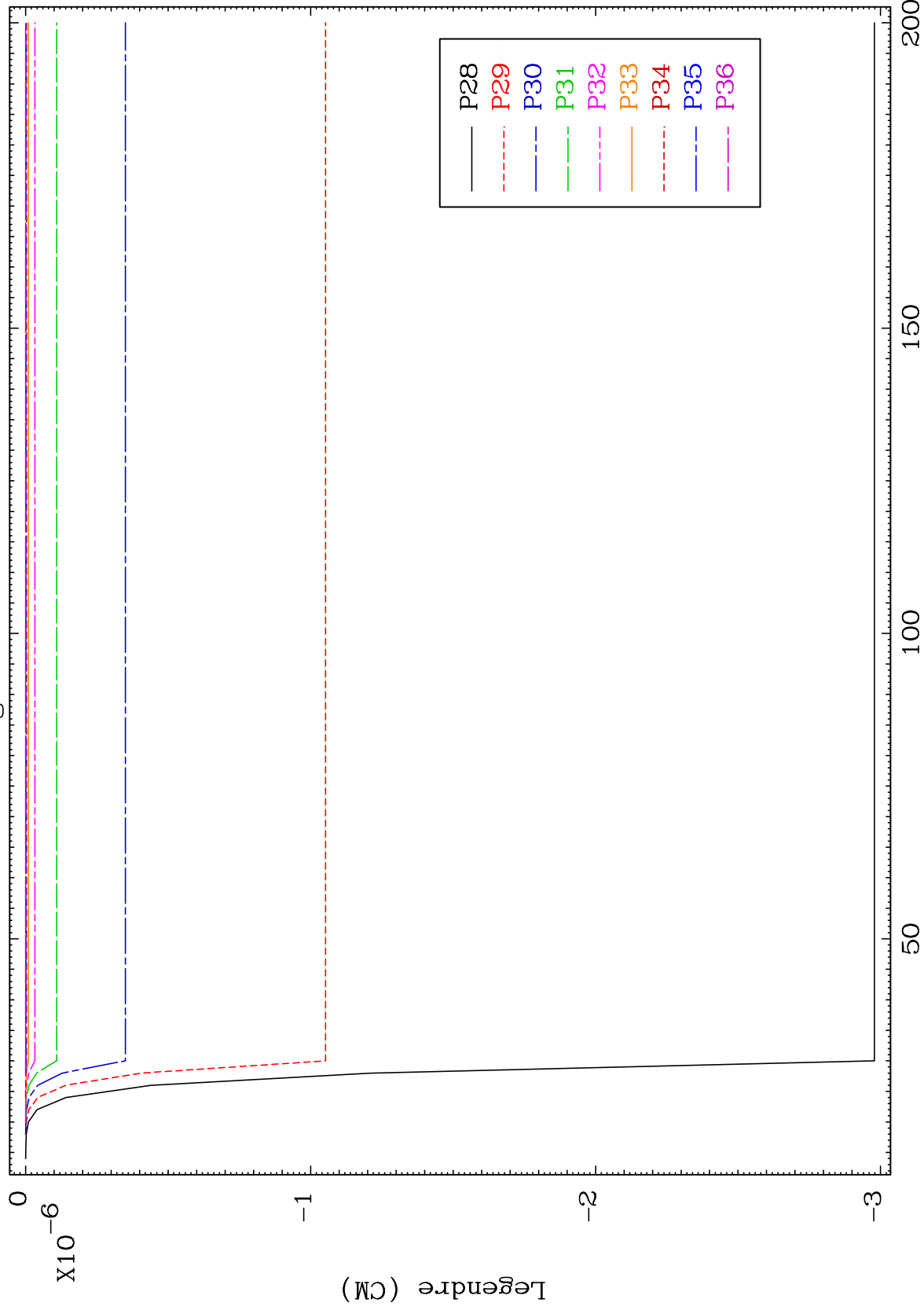
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



49

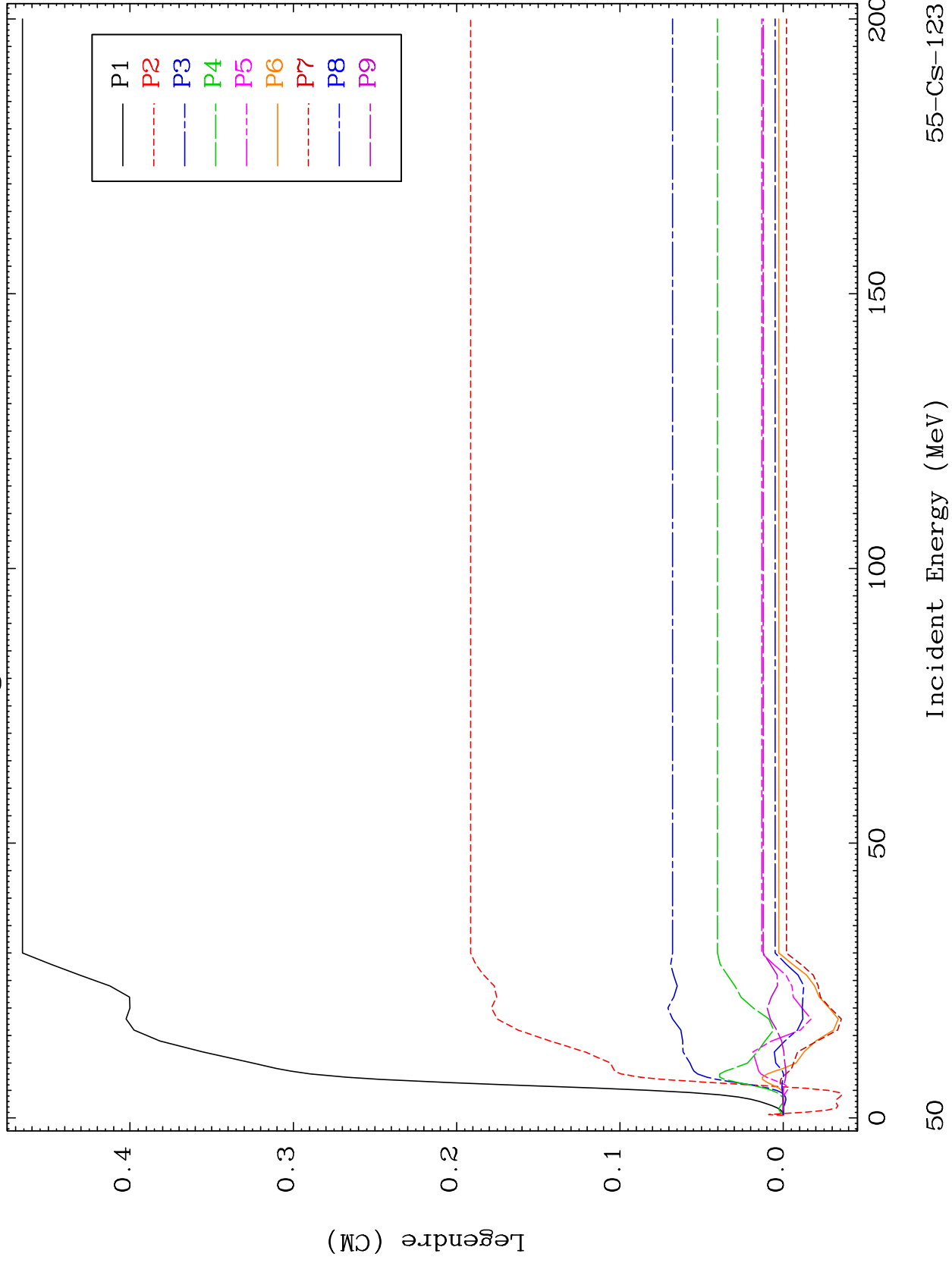
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

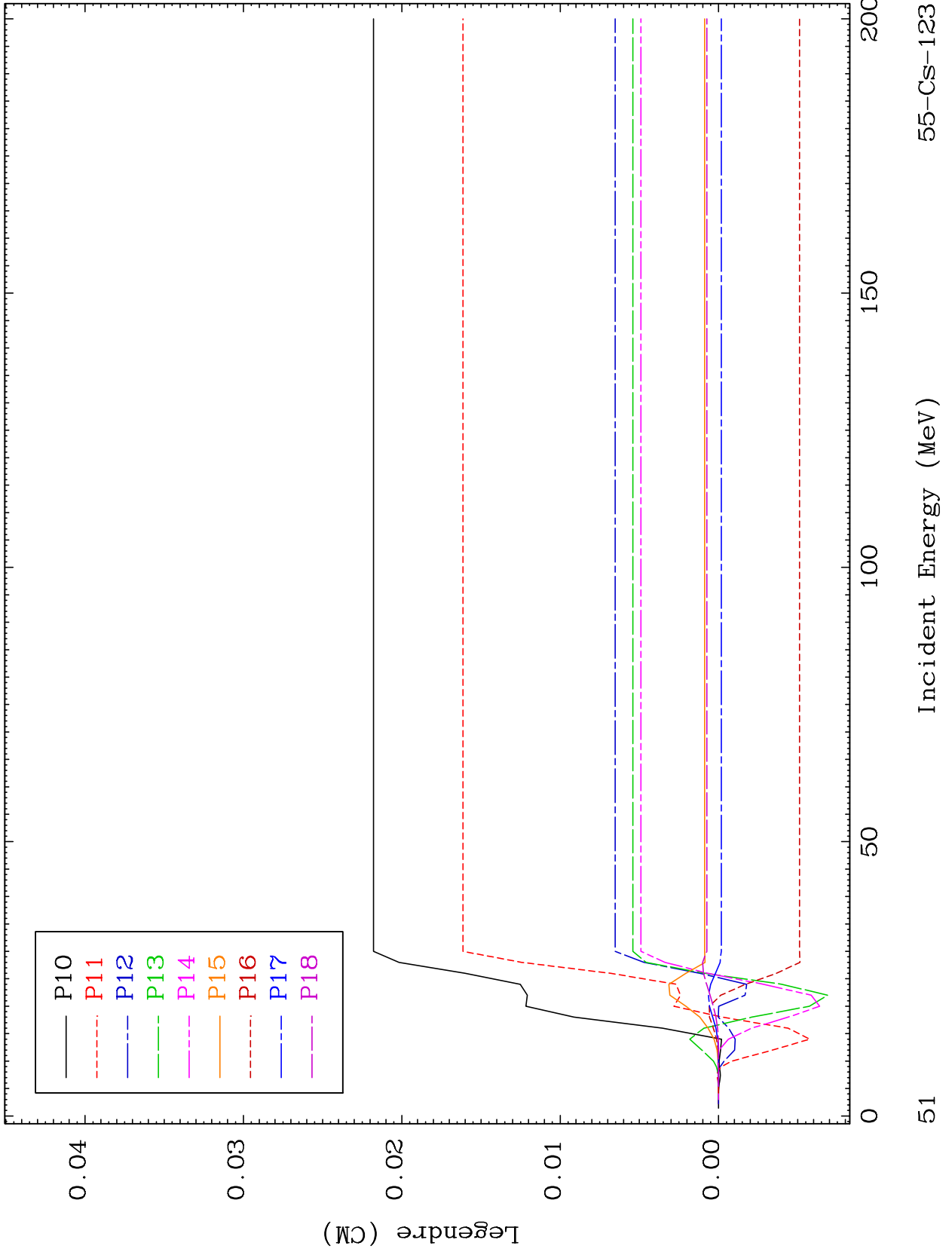
55-Cs-123



MAT 5495

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

55-Cs-123



51

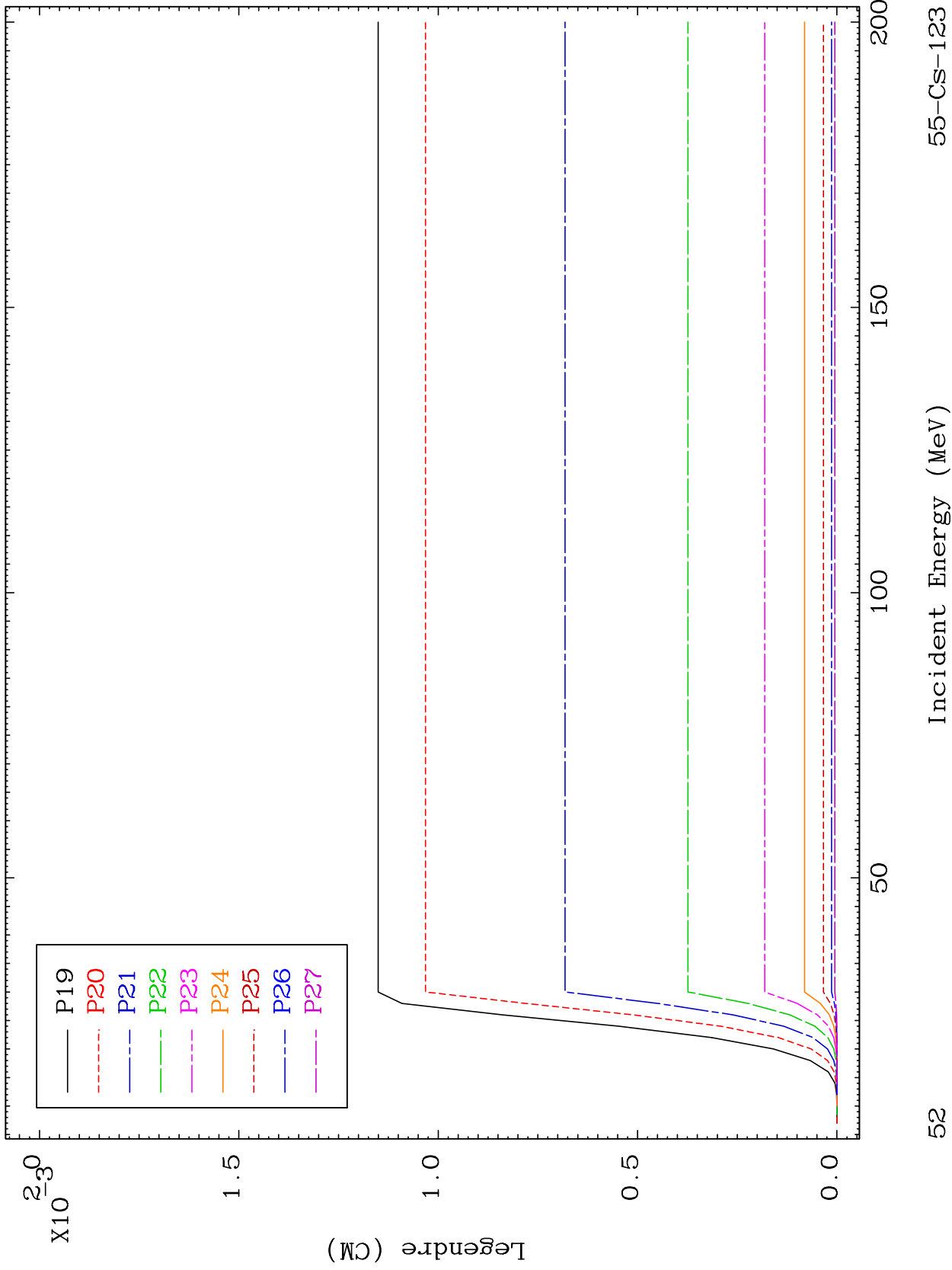
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



52

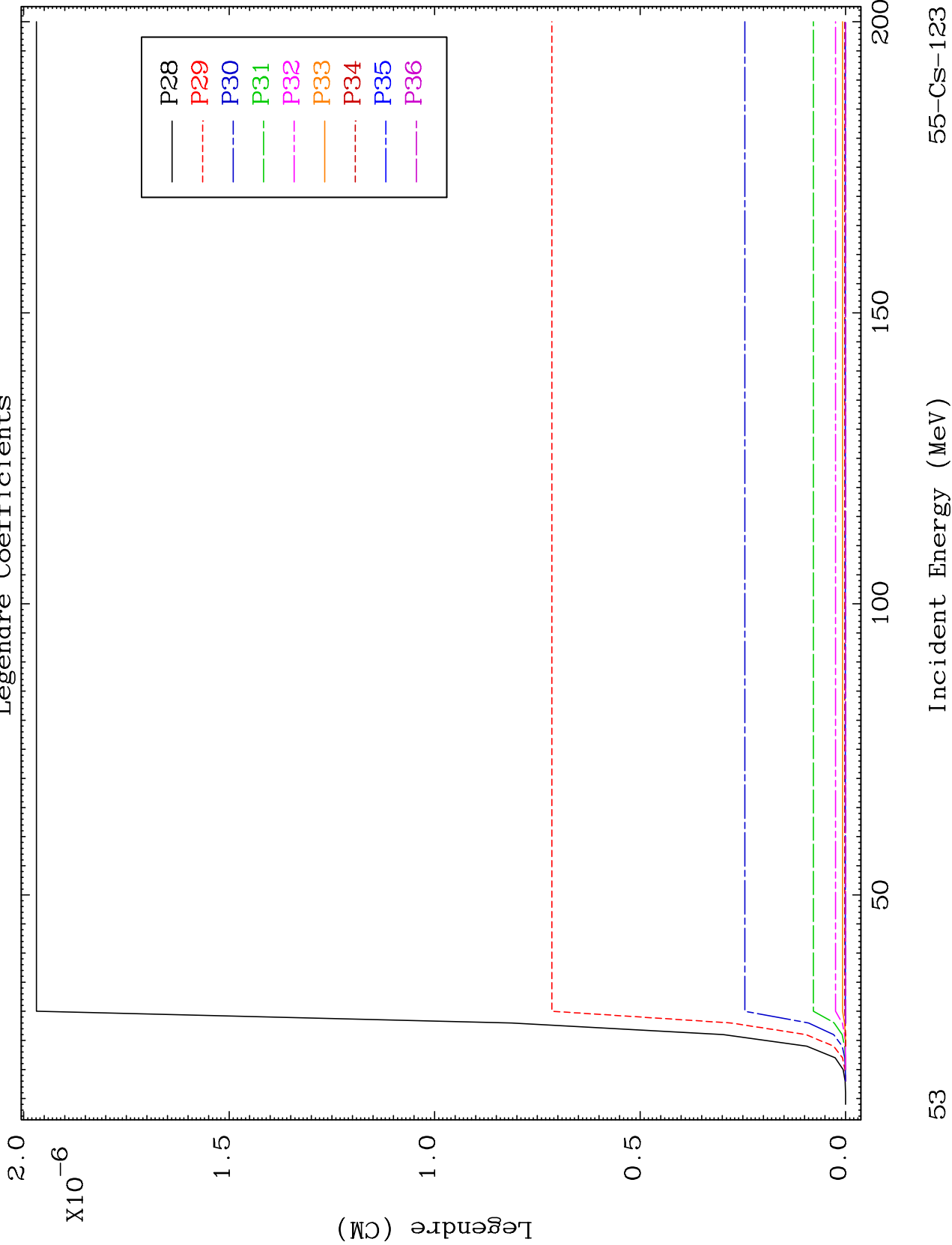
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

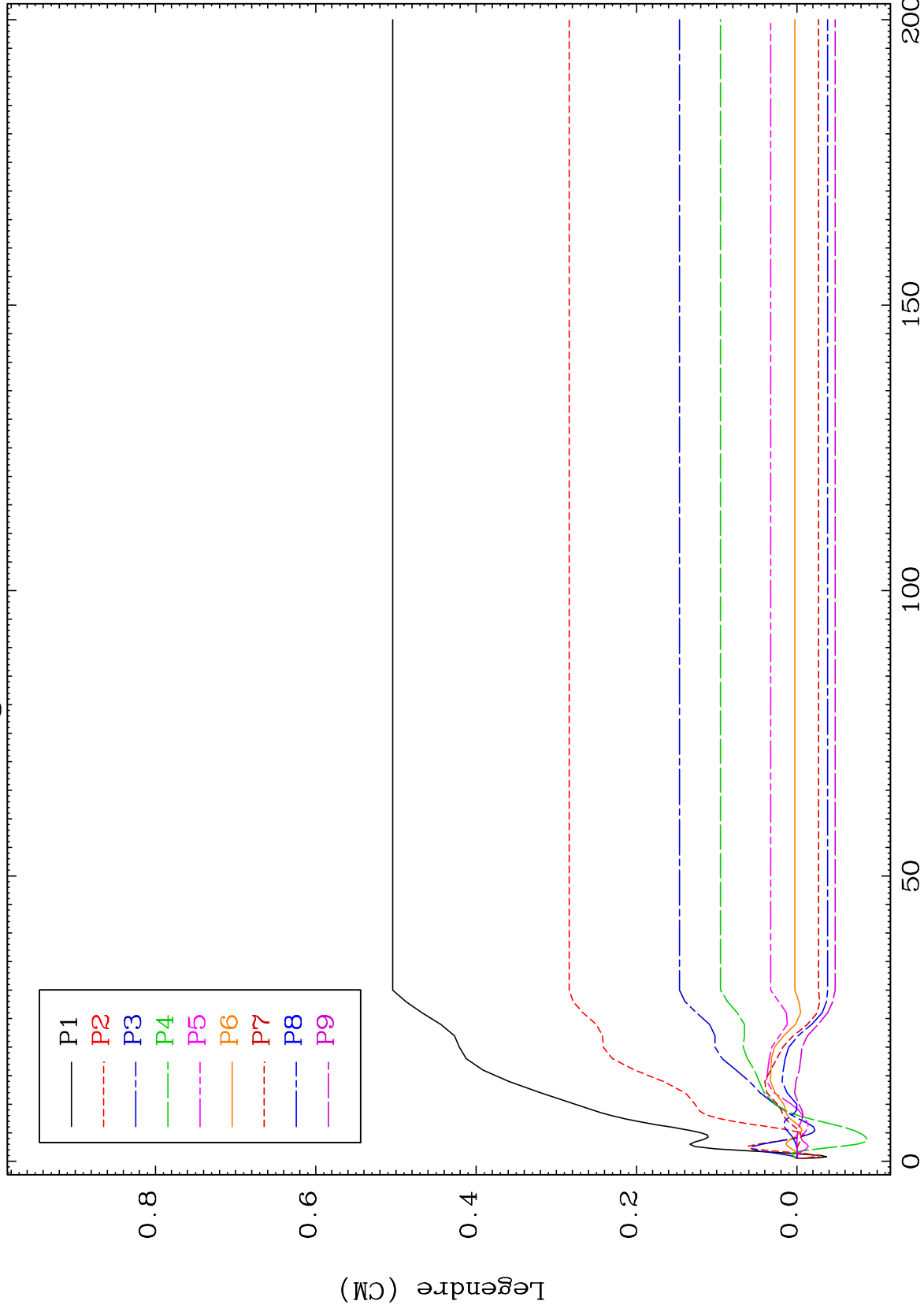
55-Cs-123



MAT 5495

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

55-Cs-123



54

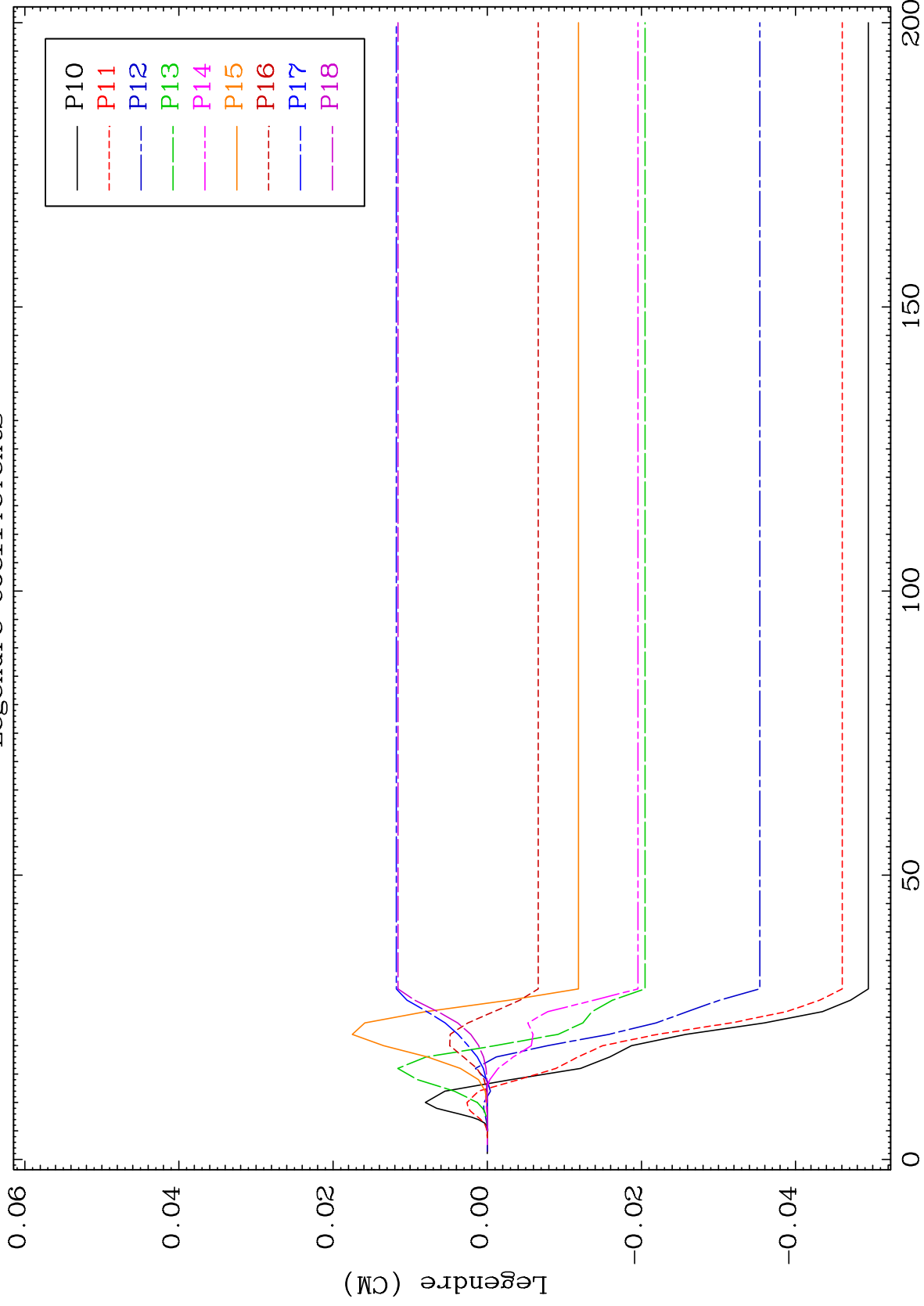
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



55

Incident Energy (MeV)

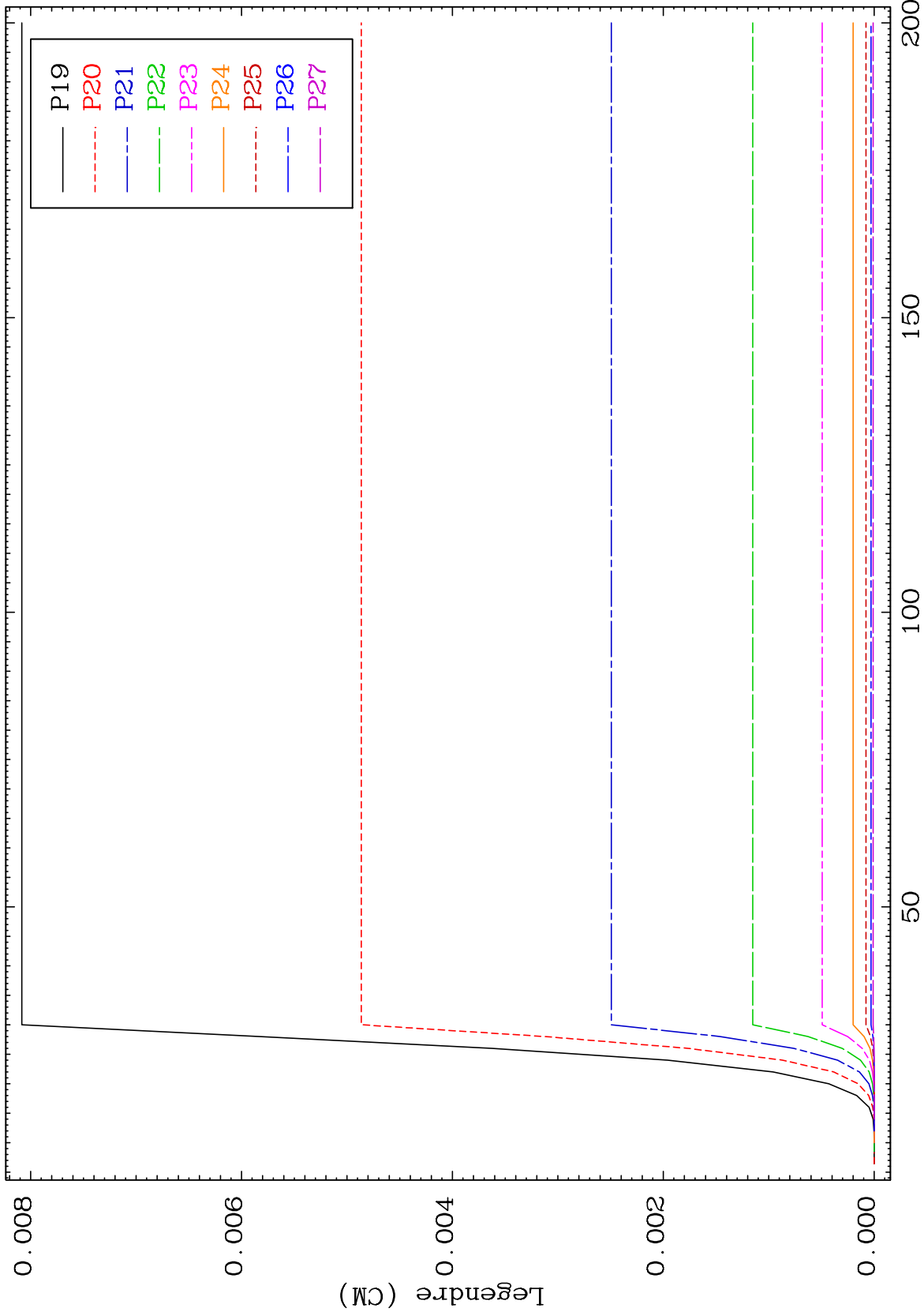
55-Cs-123



MAT 5495

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

55-Cs-123



56

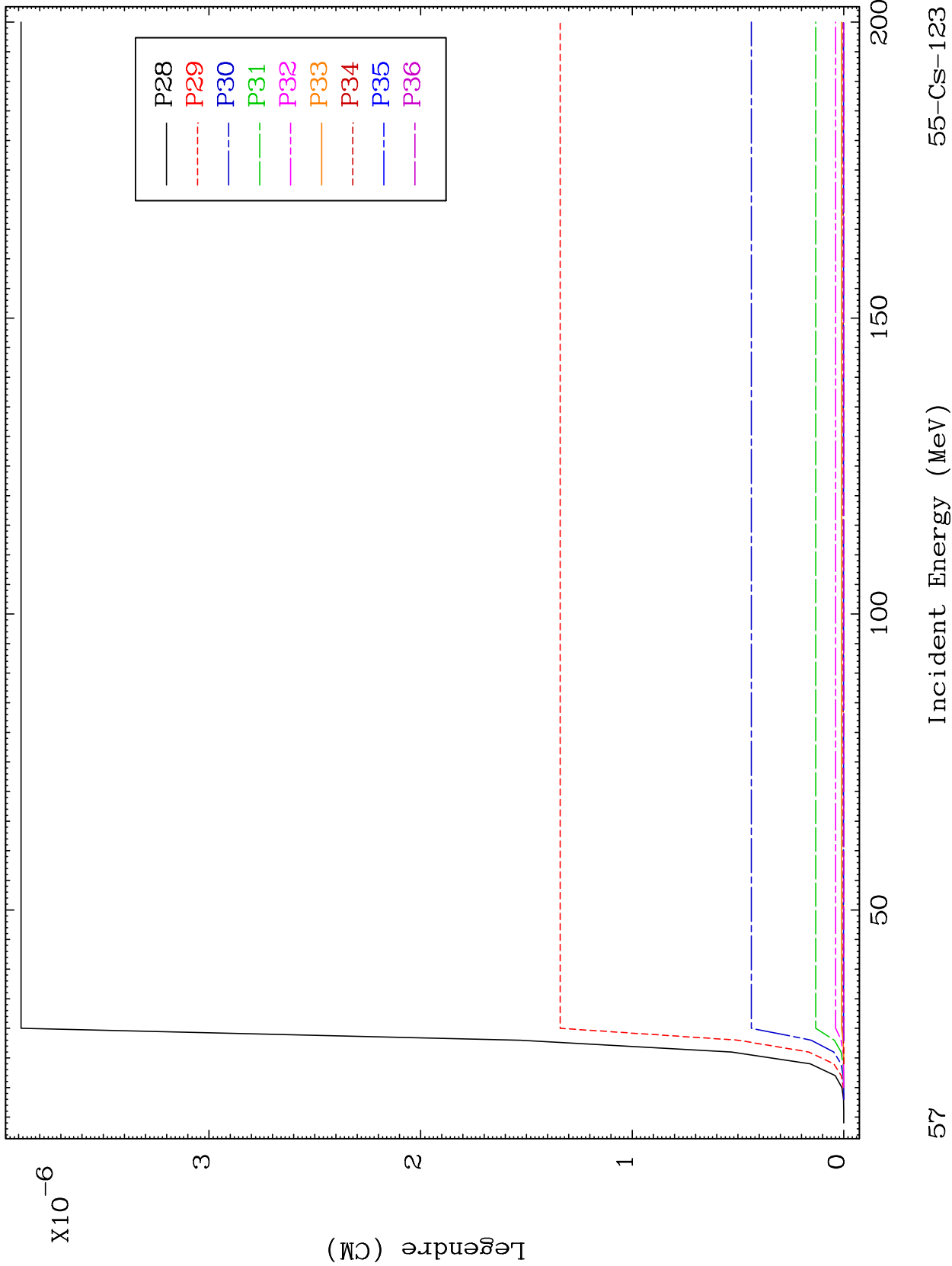
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



57

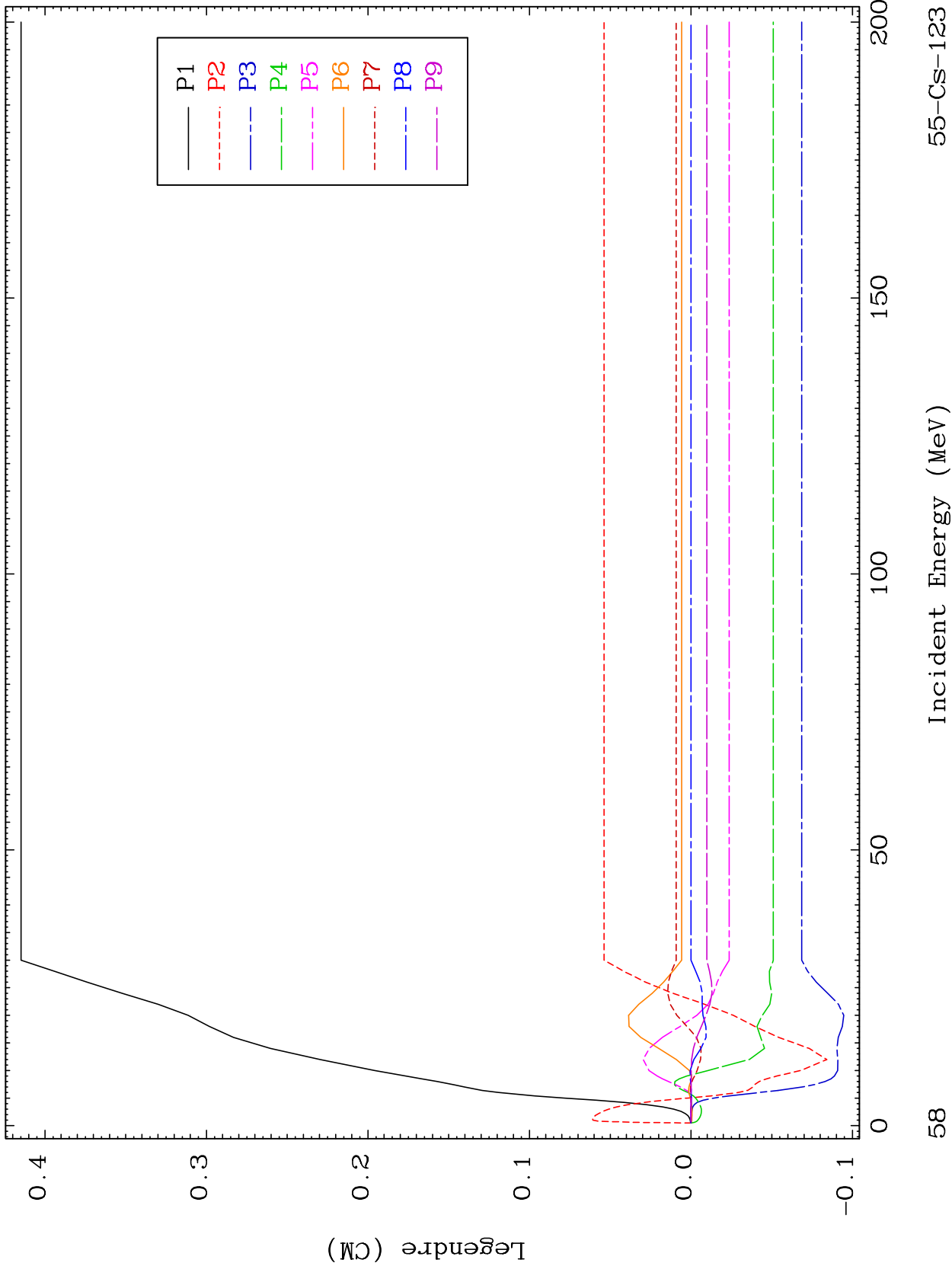
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



55-Cs-123

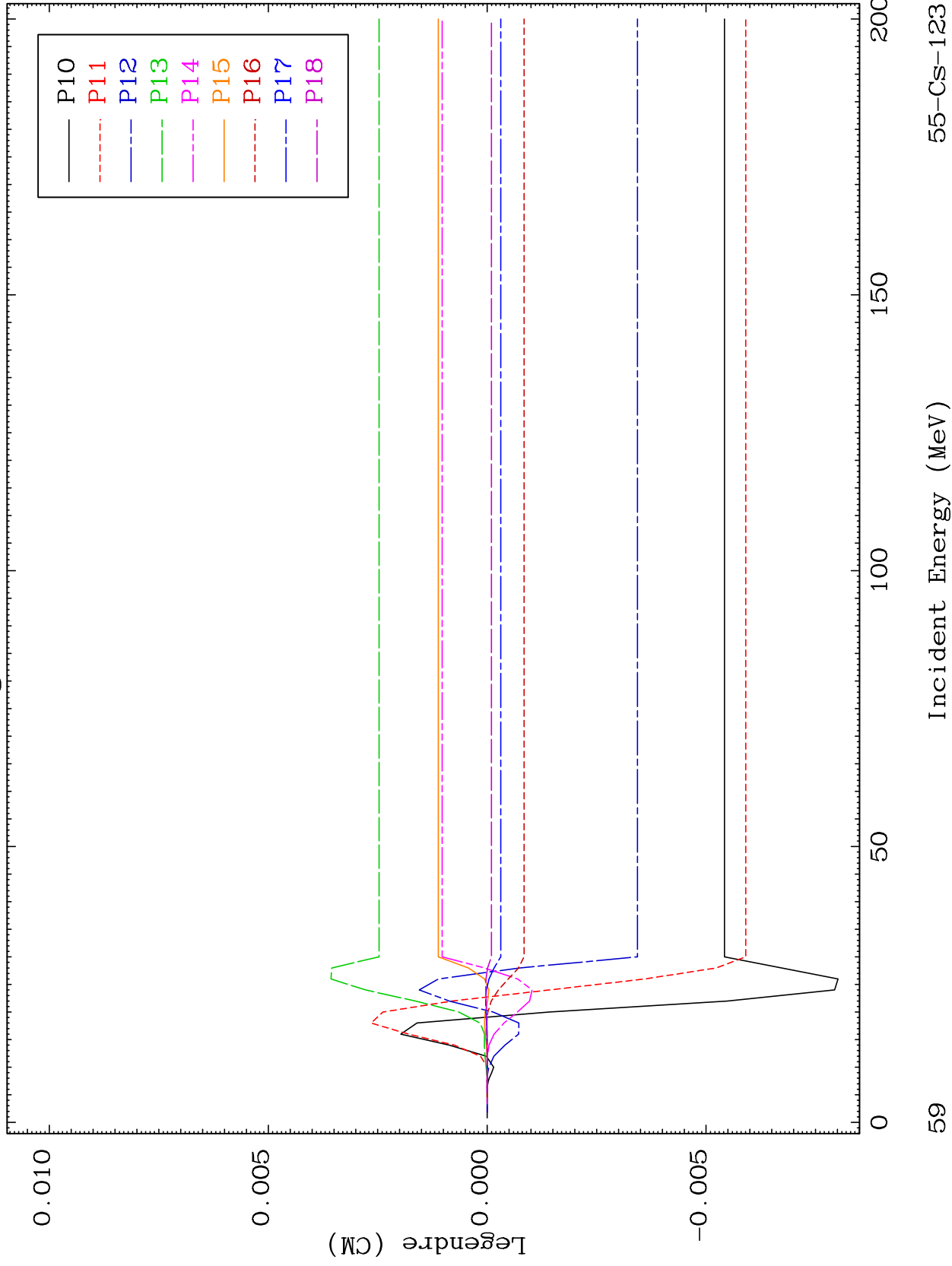
Incident Energy (MeV)

58

MAT 5495

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

55-Cs-123



55-Cs-123

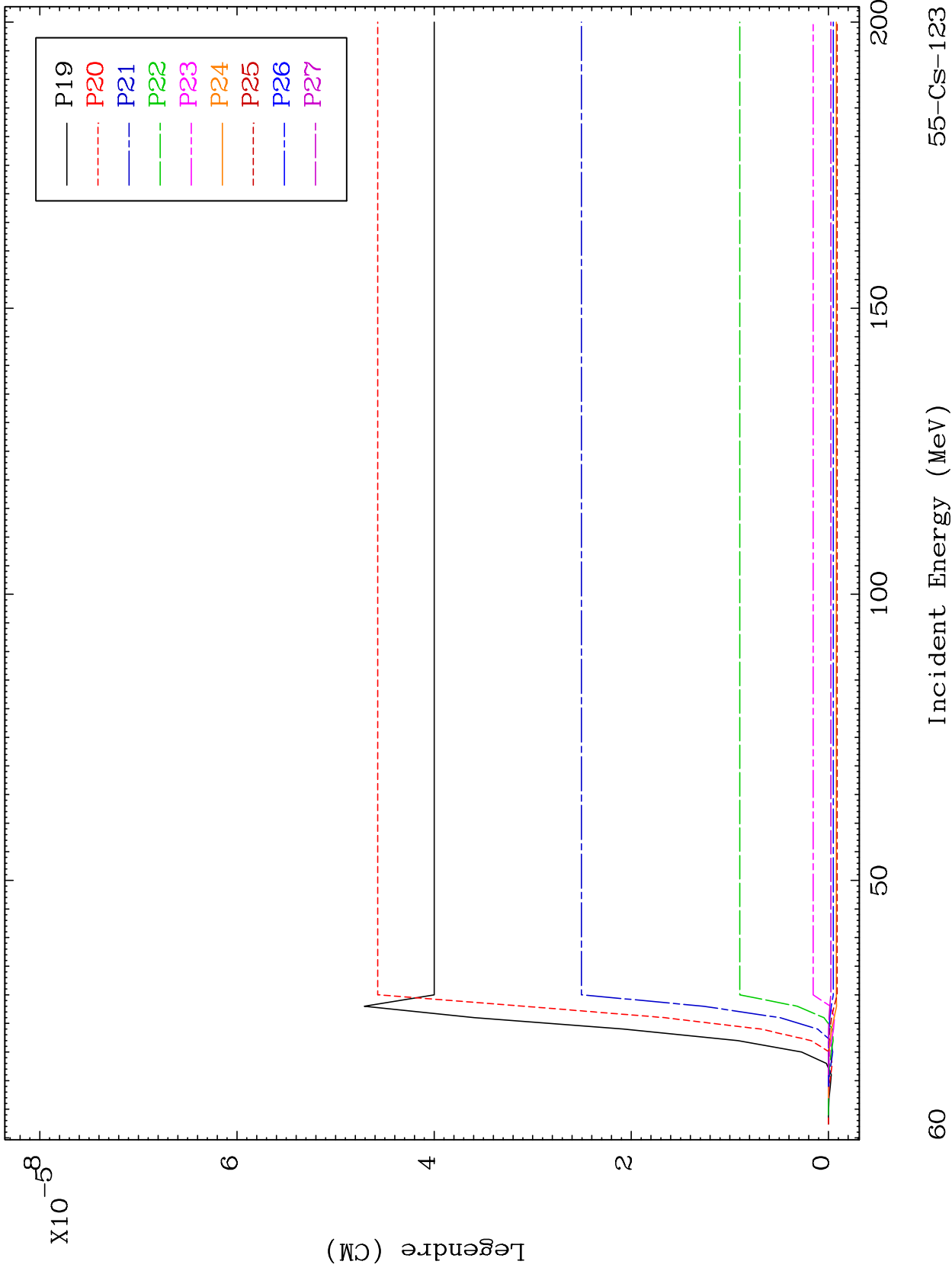
Incident Energy (MeV)

59

MAT 5495

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

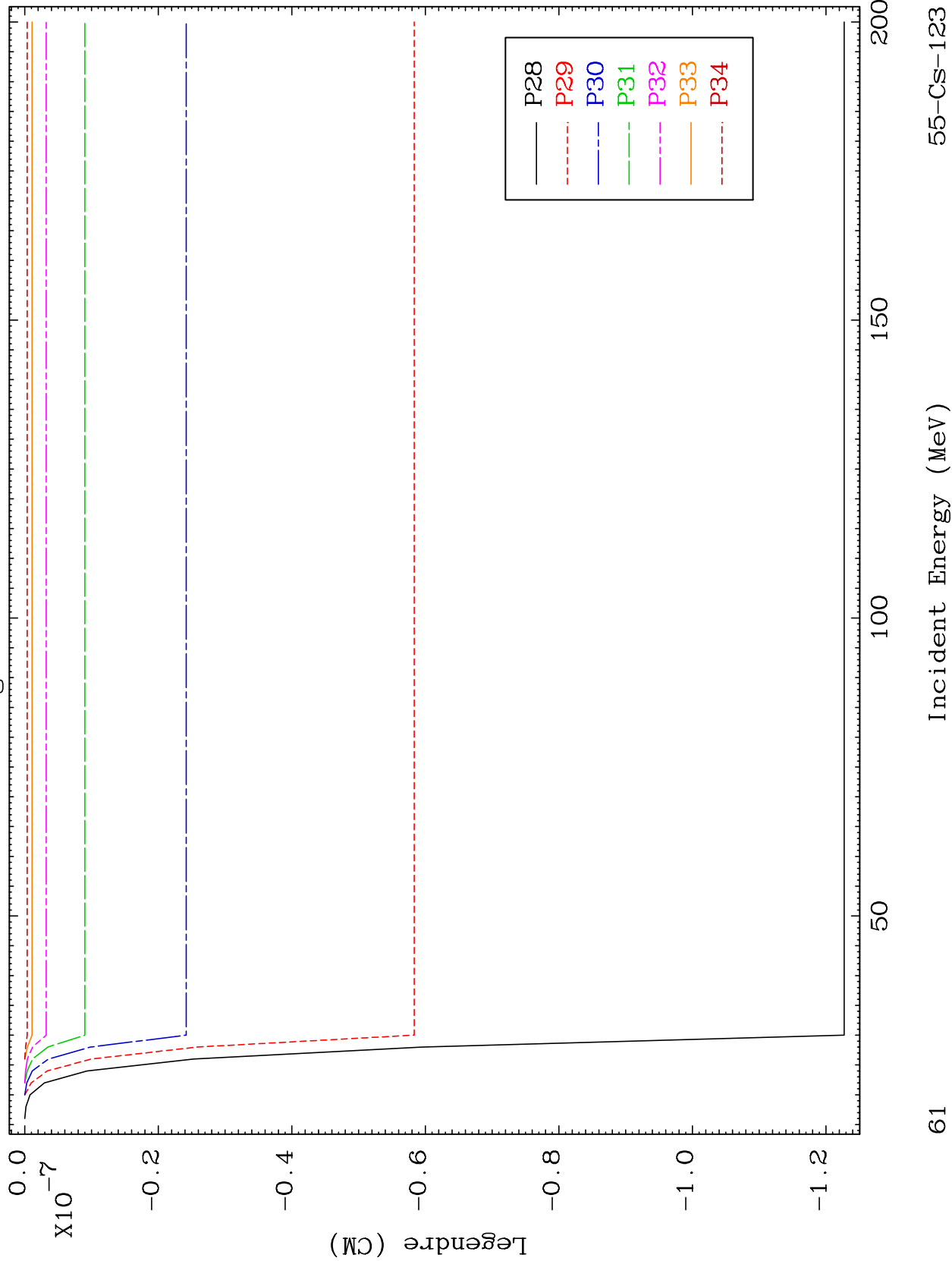
55-Cs-123



MAT 5495

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

55-Cs-123



61

Incident Energy (MeV)

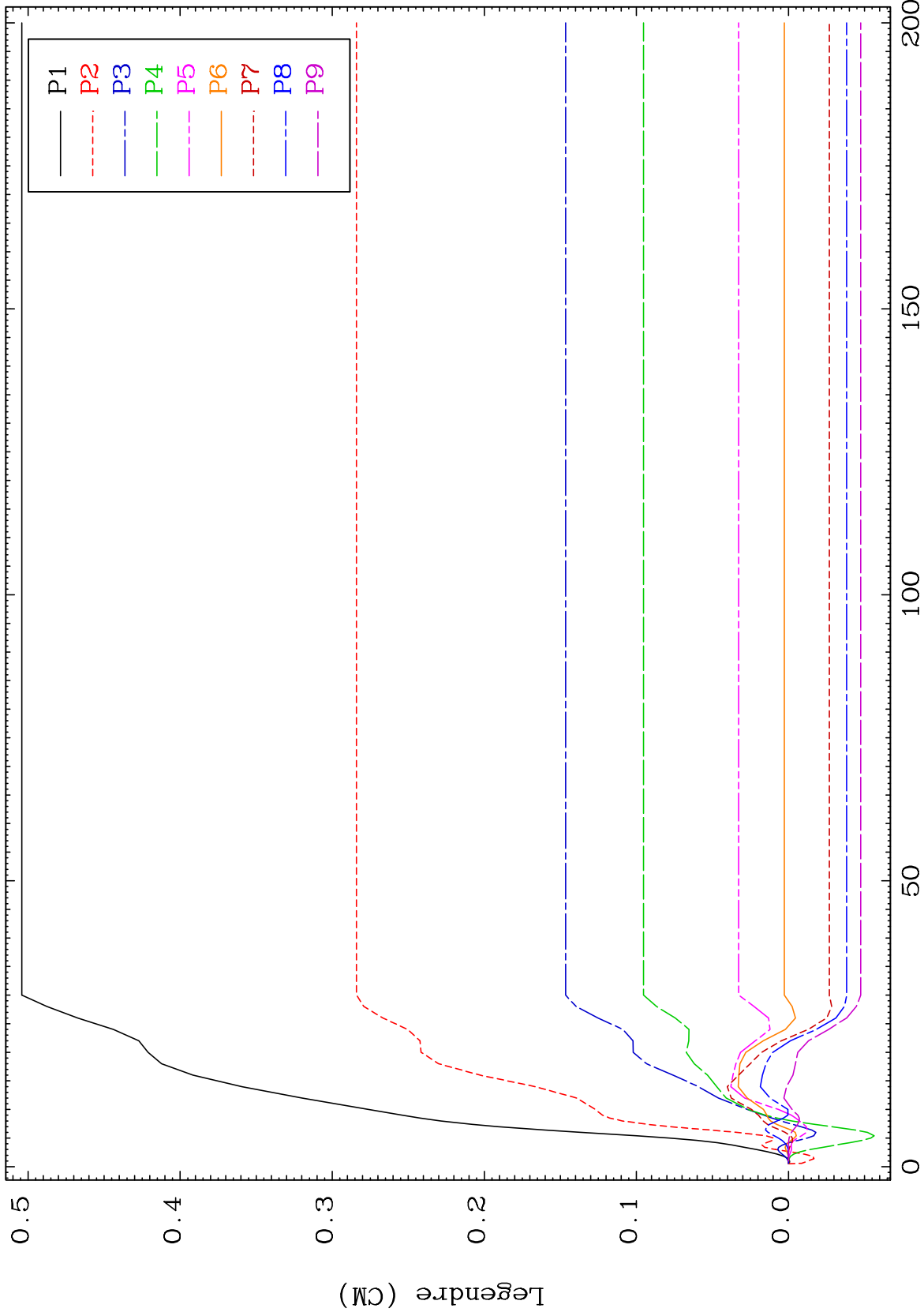
55-Cs-123

MAT 5495

MT= 62 (n,n') Level

55-Cs-123

Legendre Coefficients



55-Cs-123

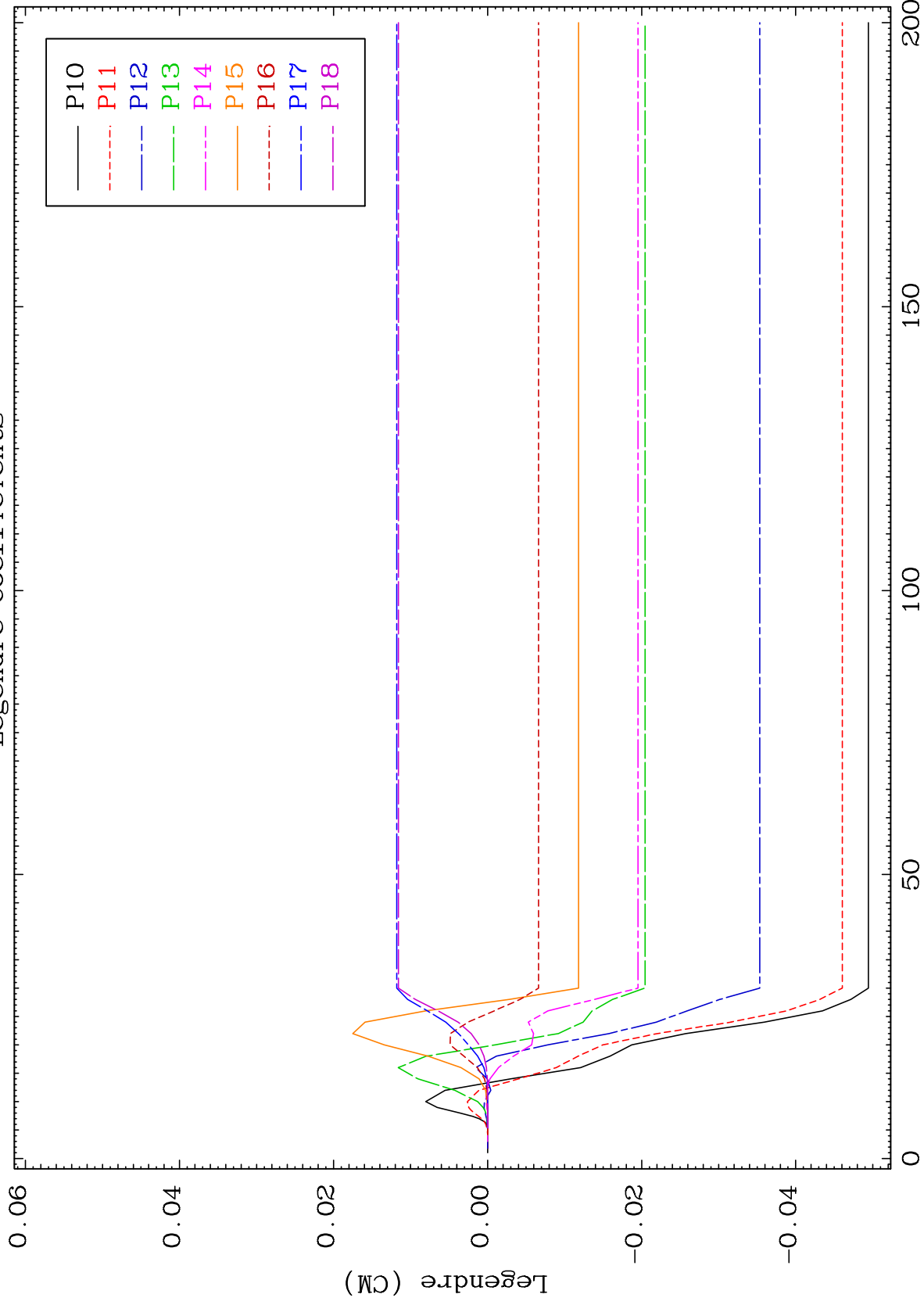
Incident Energy (MeV)

62

MAT 5495

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

55-Cs-123



63

Incident Energy (MeV)

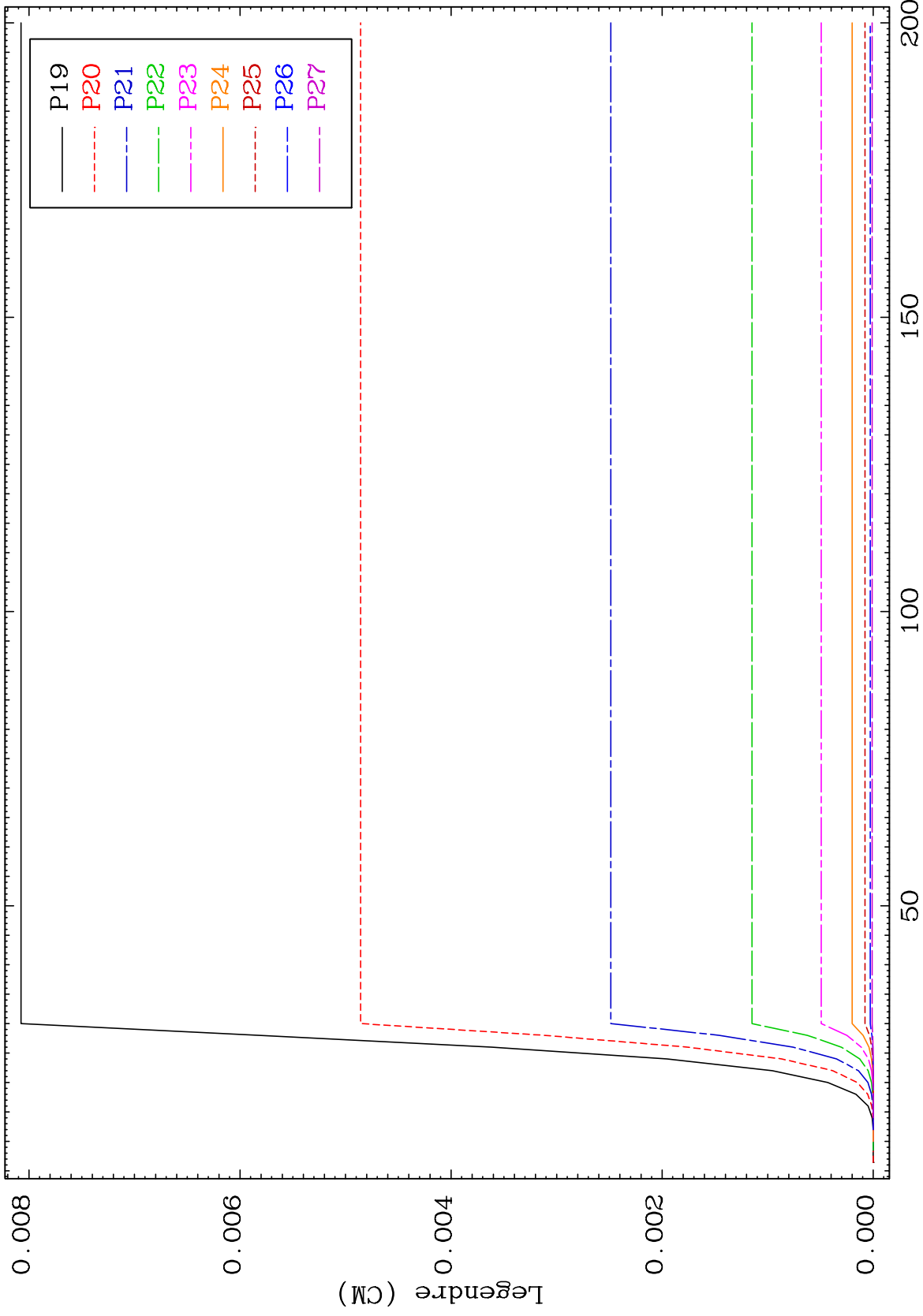
55-Cs-123



MAT 5495

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

55-Cs-123



64

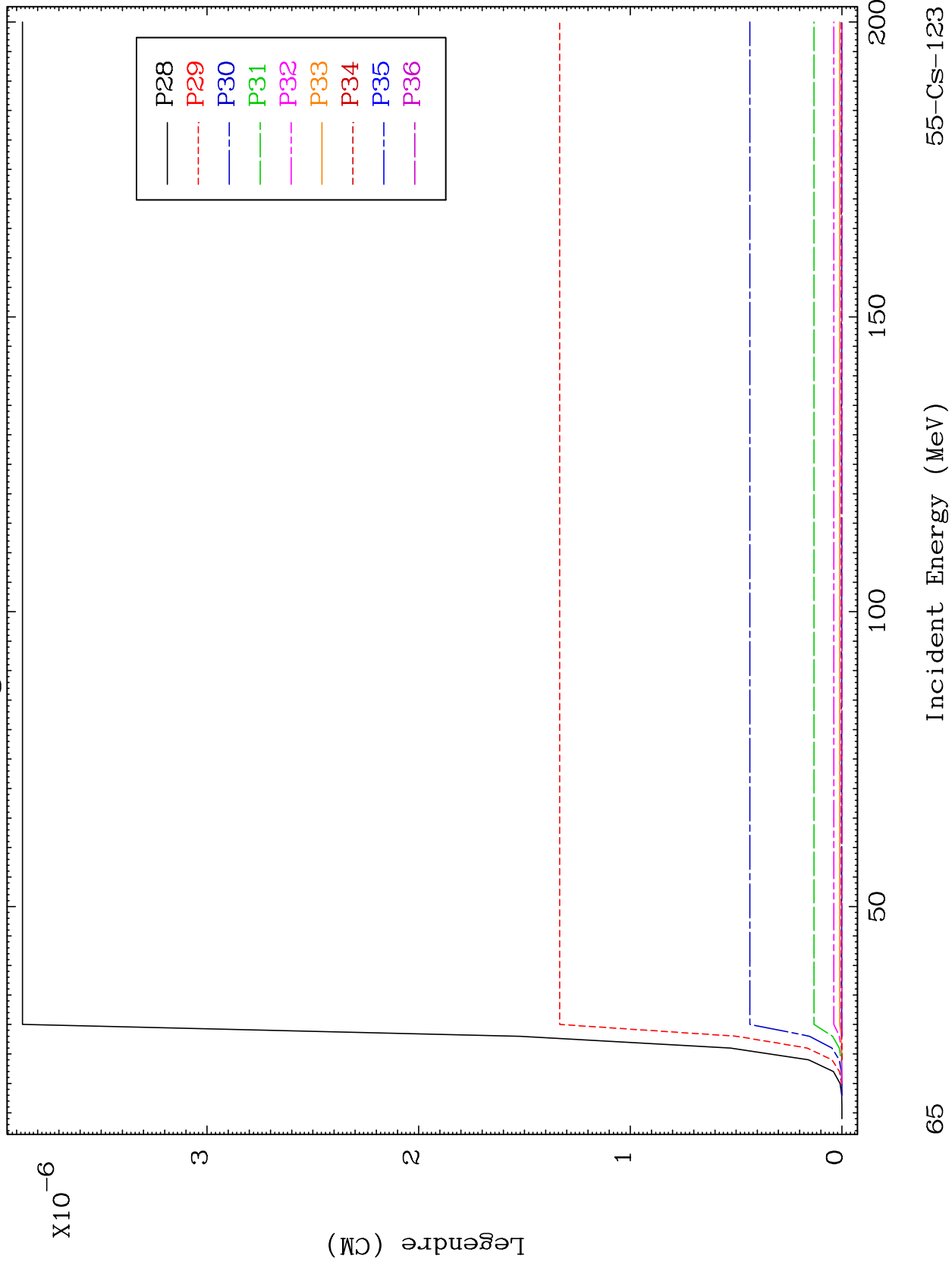
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

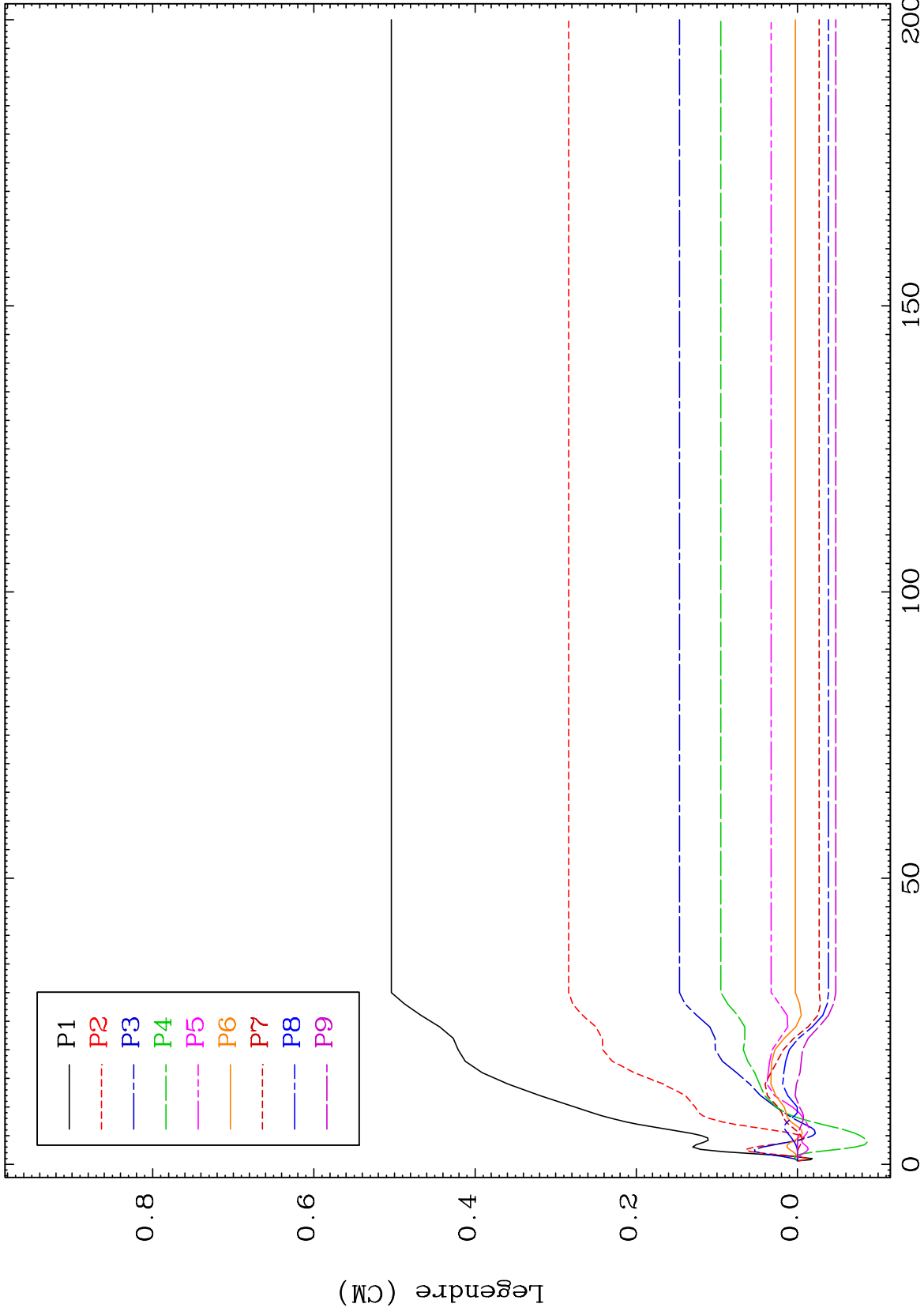
55-Cs-123



MAT 5495

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

55-Cs-123



66

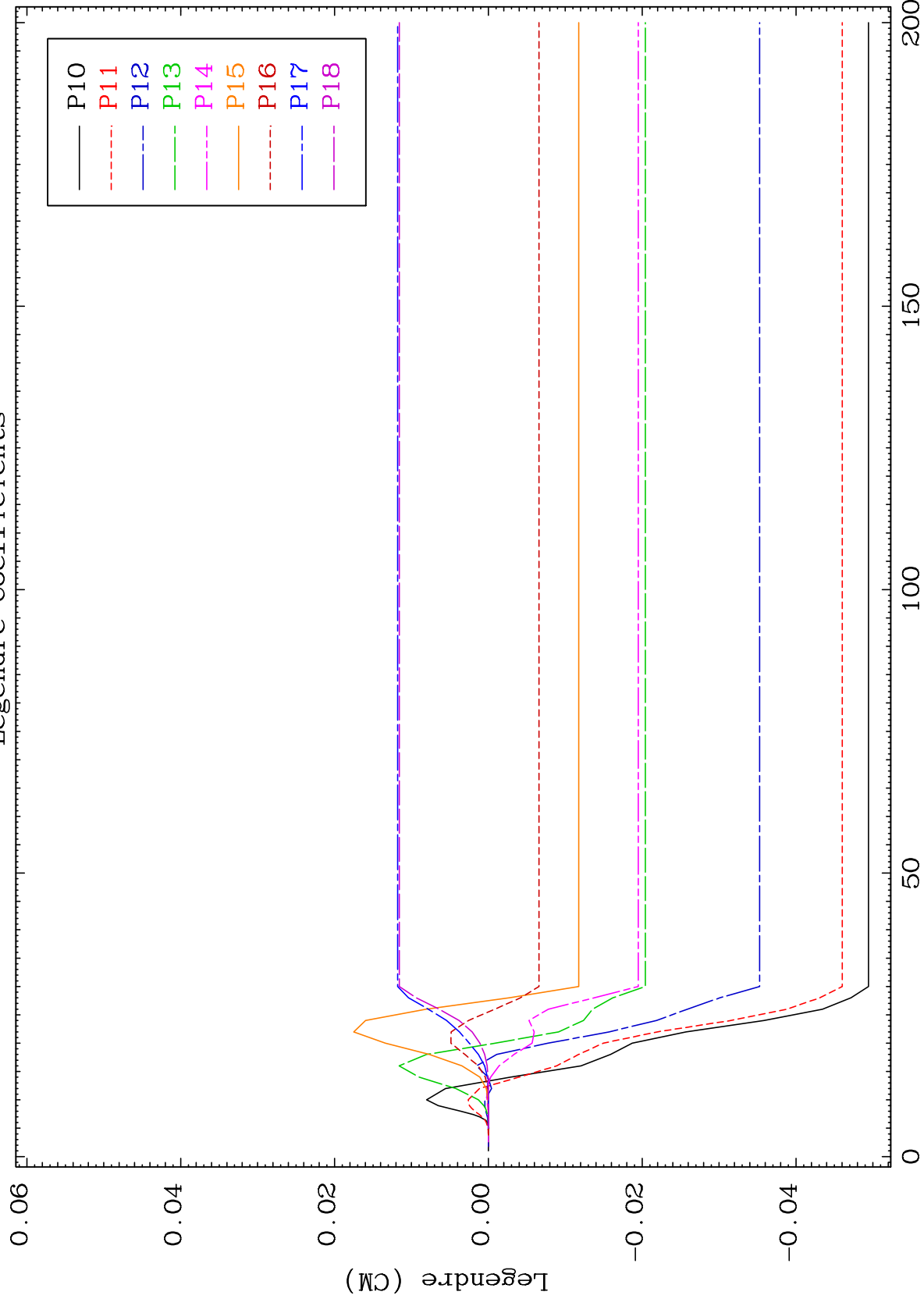
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



67

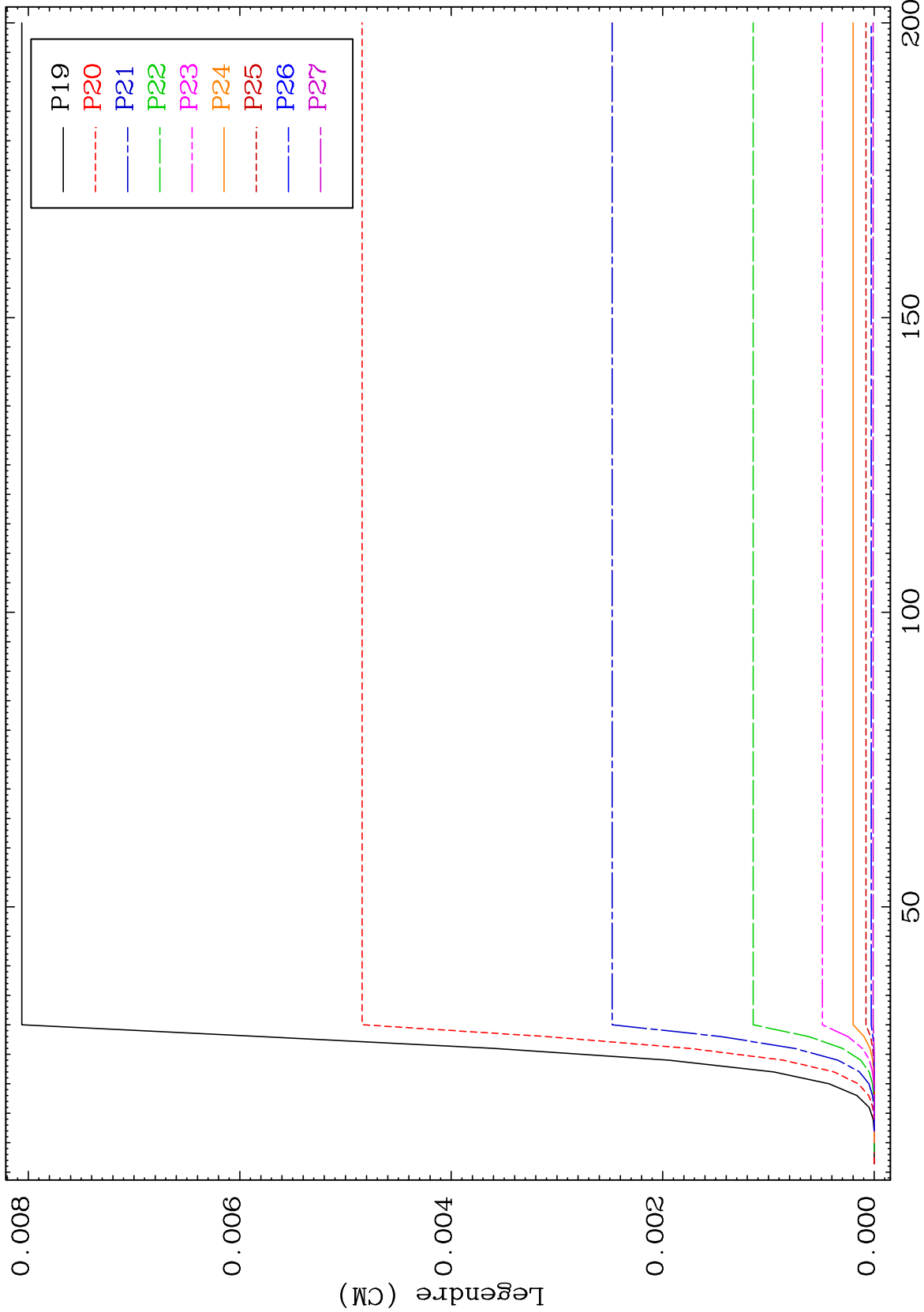
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



68

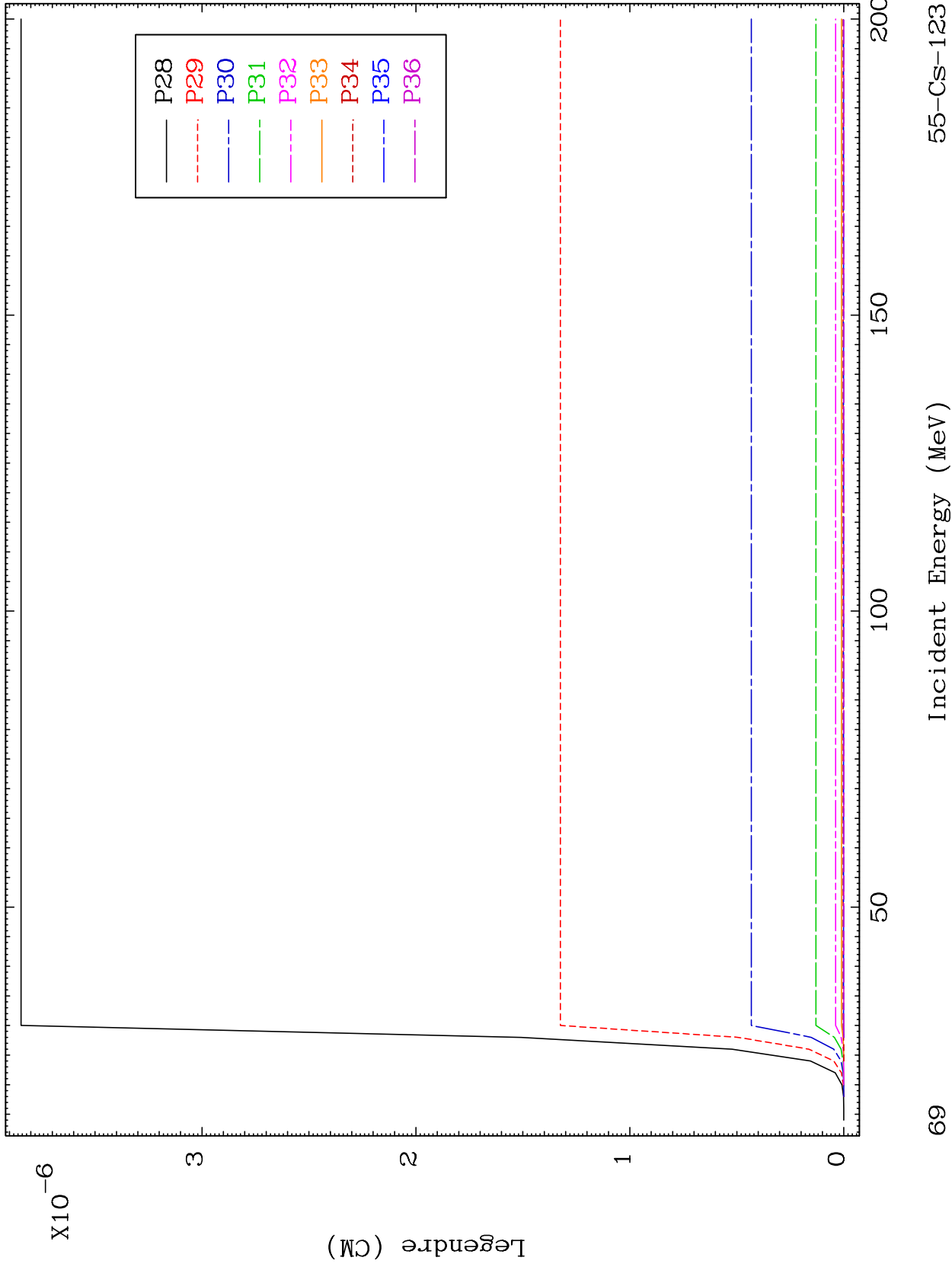
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

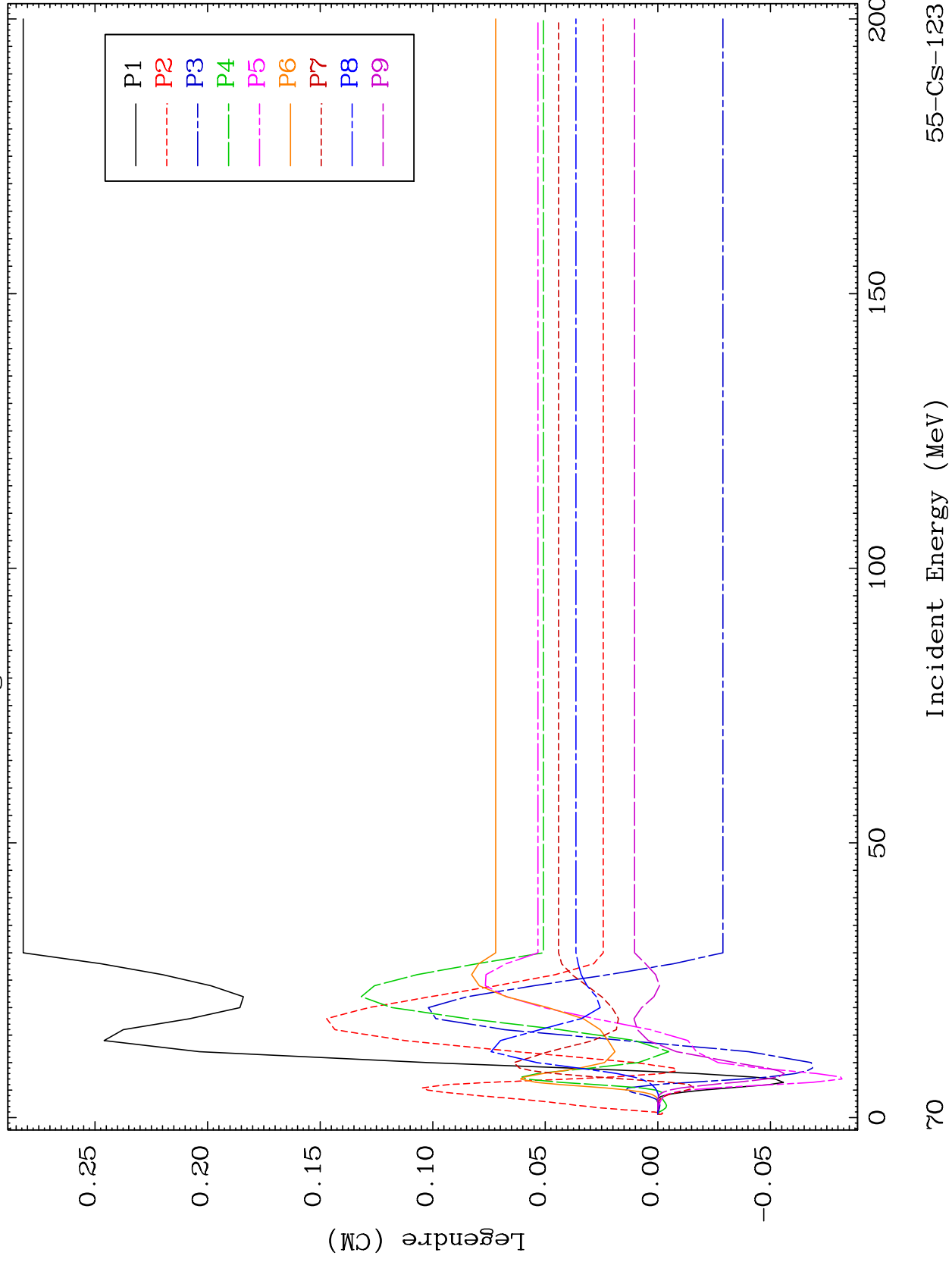
55-Cs-123



MAT 5495

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

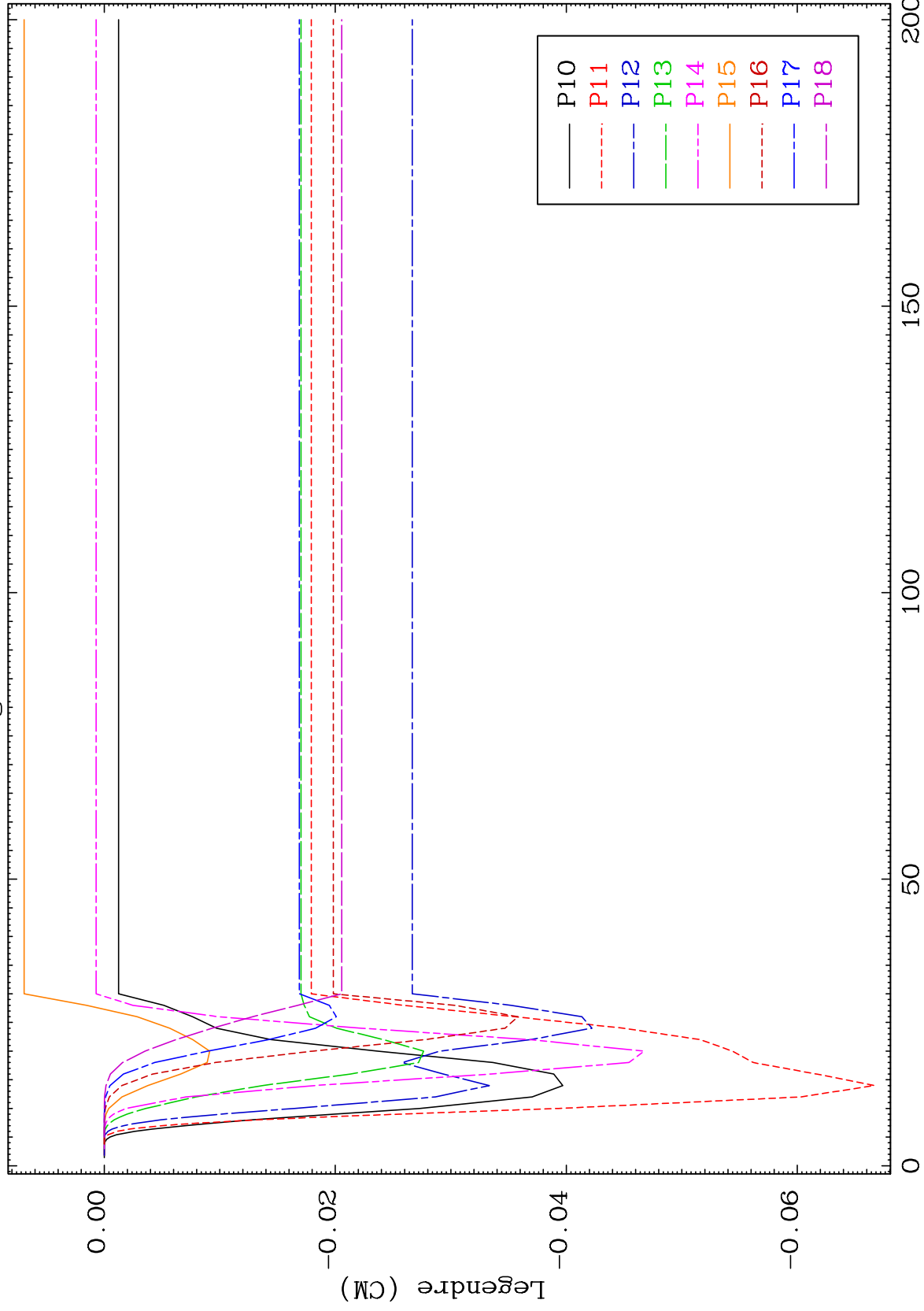
55-Cs-123



MAT 5495

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

55-Cs-123

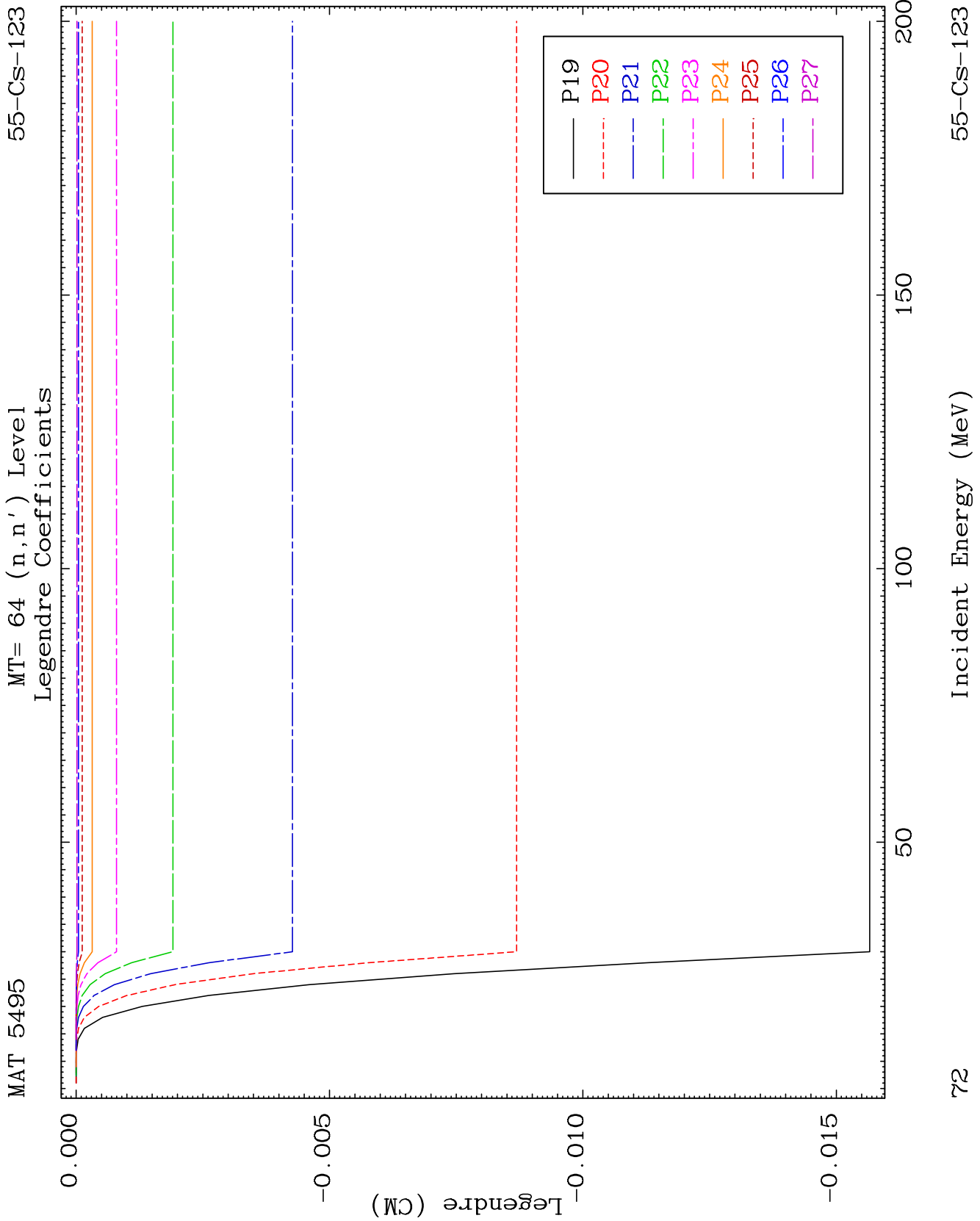


71

Incident Energy (MeV)

55-Cs-123

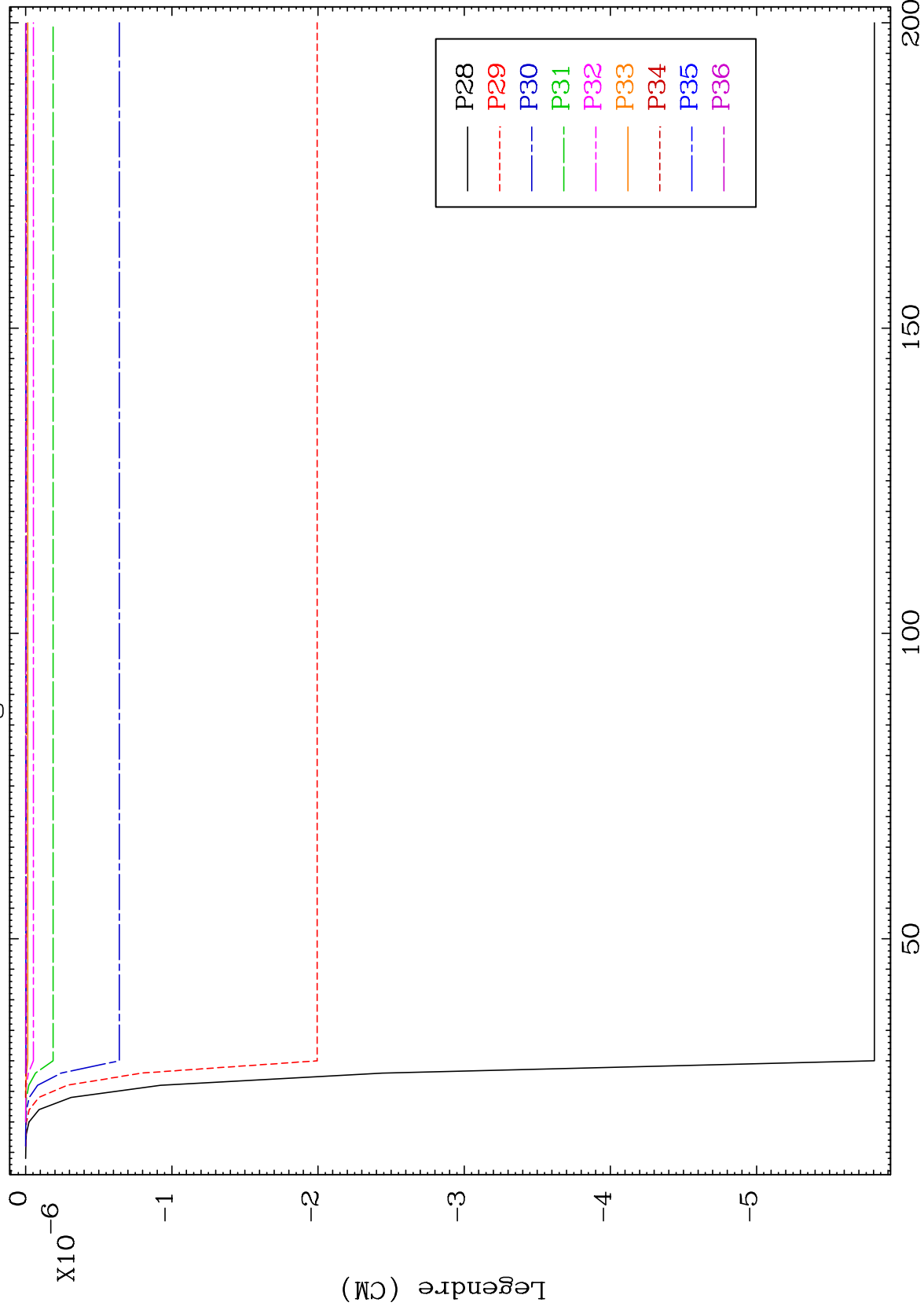




MAT 5495

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

55-Cs-123



73

Incident Energy (MeV)

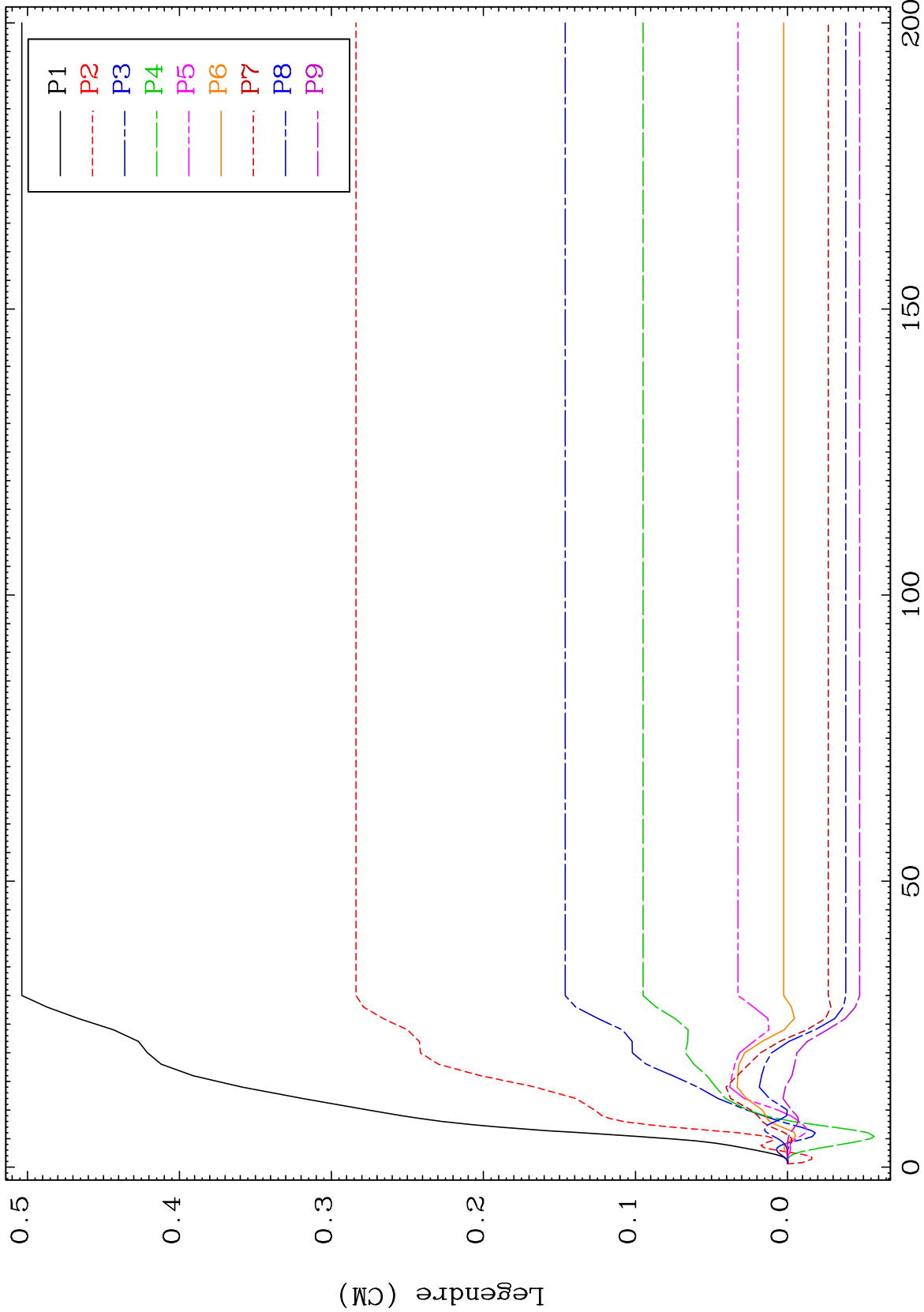
55-Cs-123

MAT 5495

MT= 65 (n,n') Level

55-Cs-123

Legendre Coefficients



74

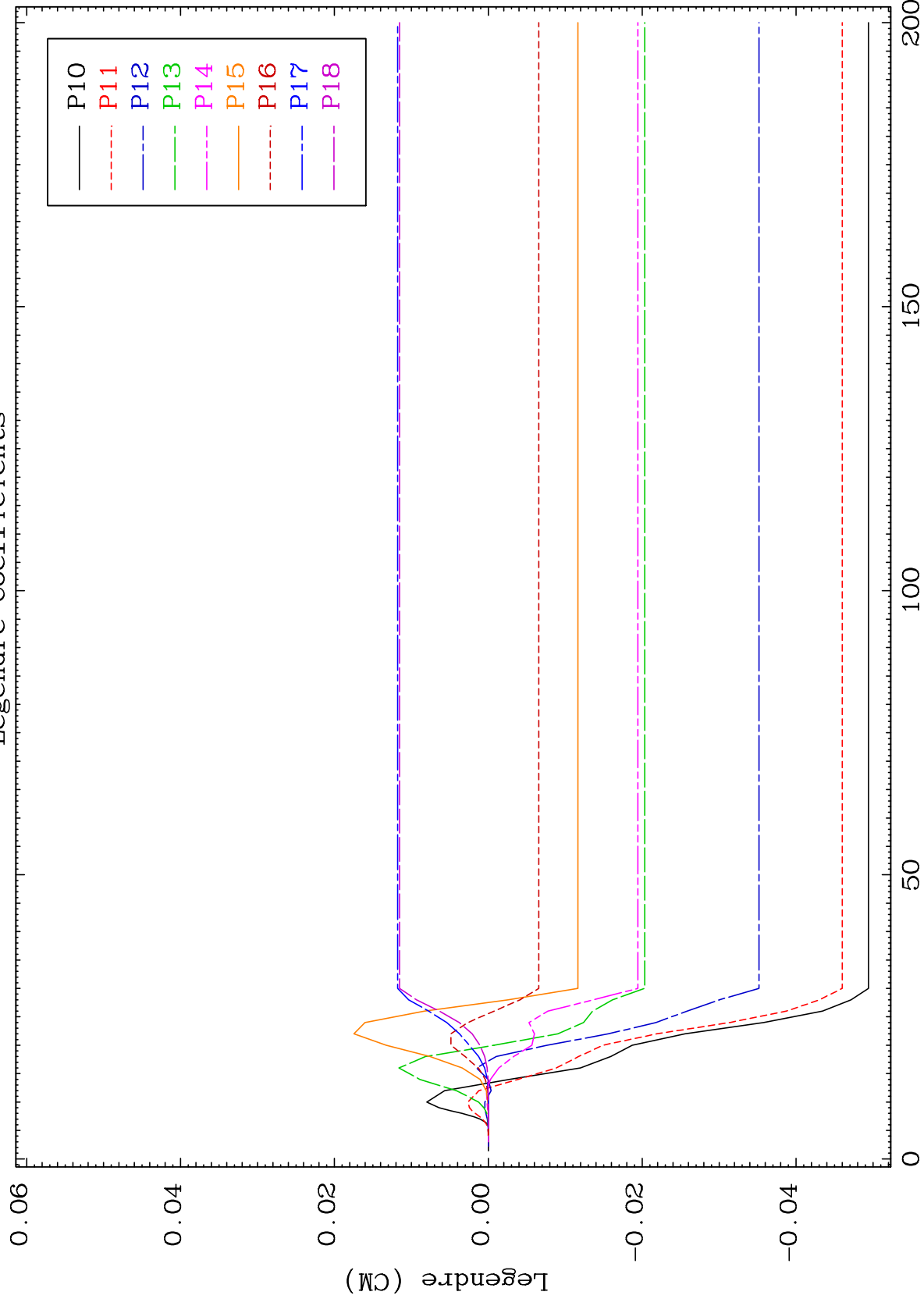
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



75

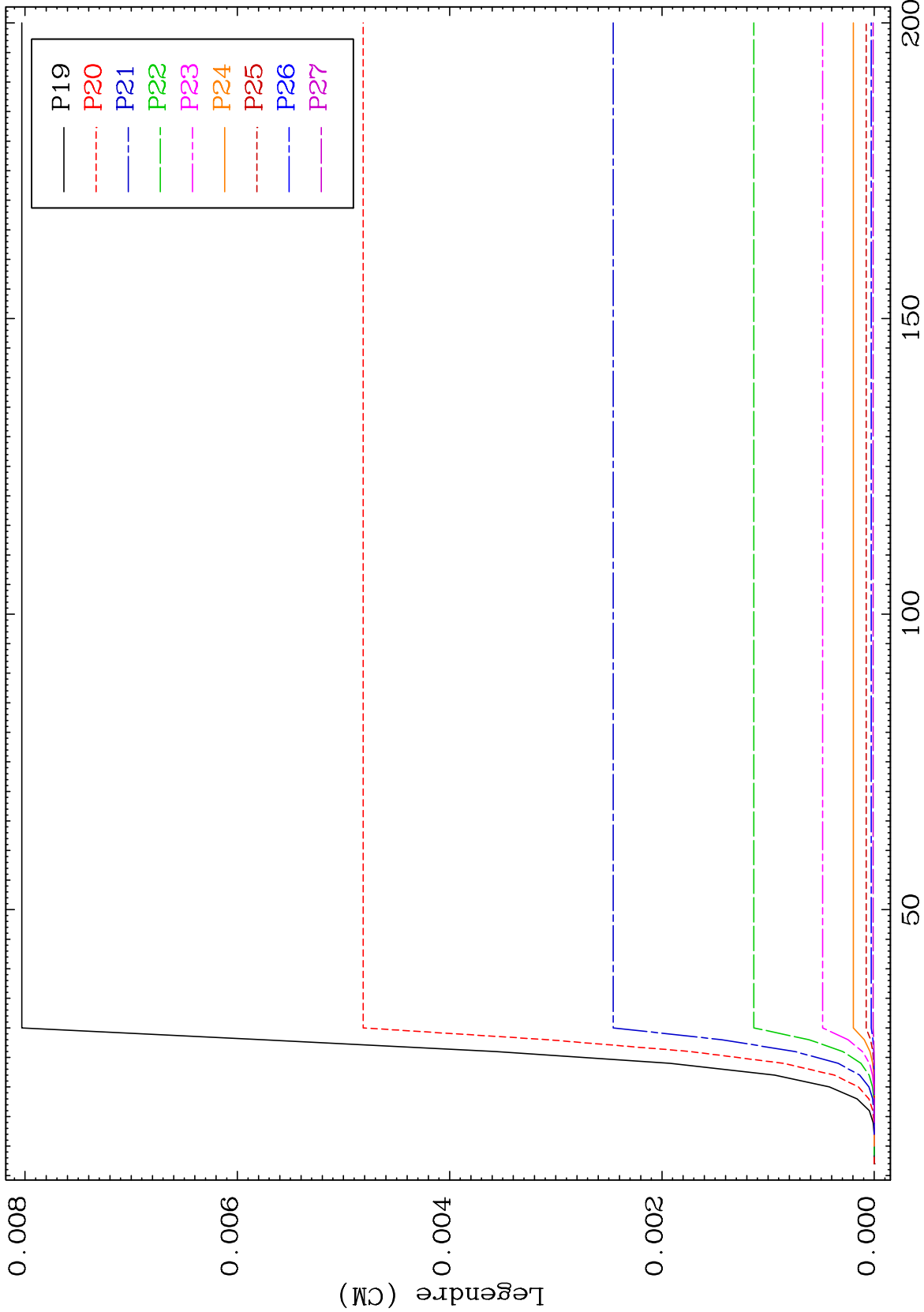
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



76

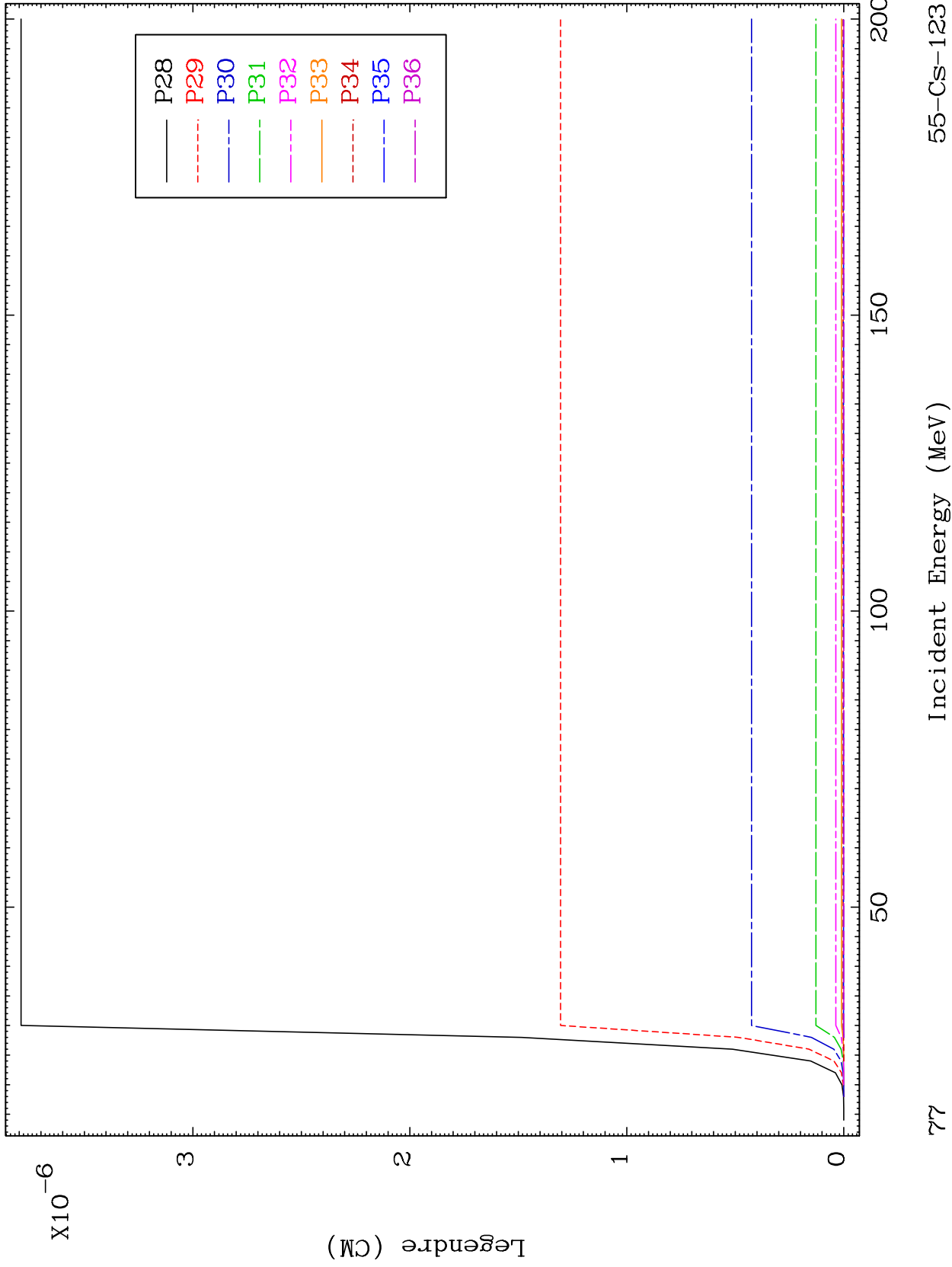
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

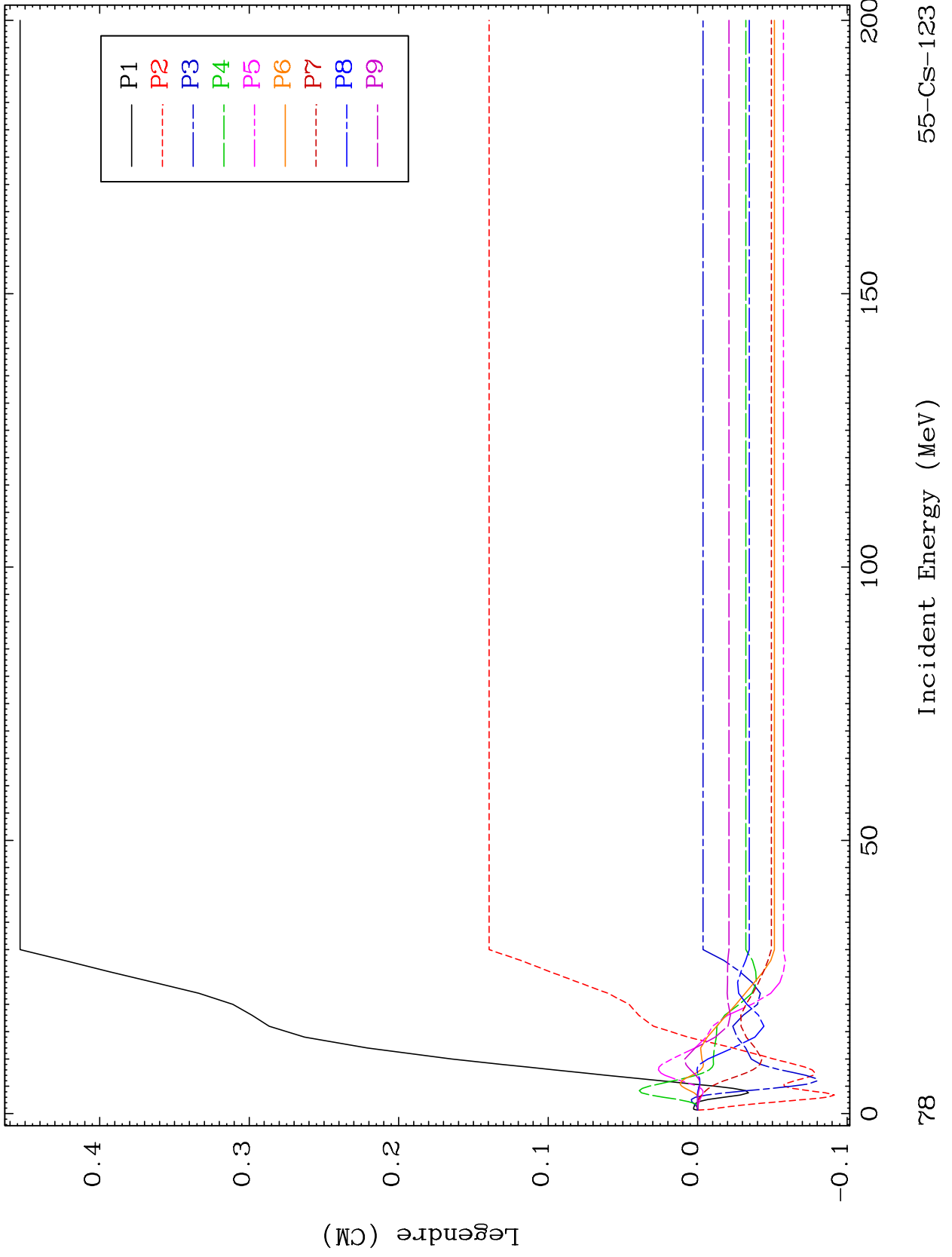
55-Cs-123



MAT 5495

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

55-Cs-123



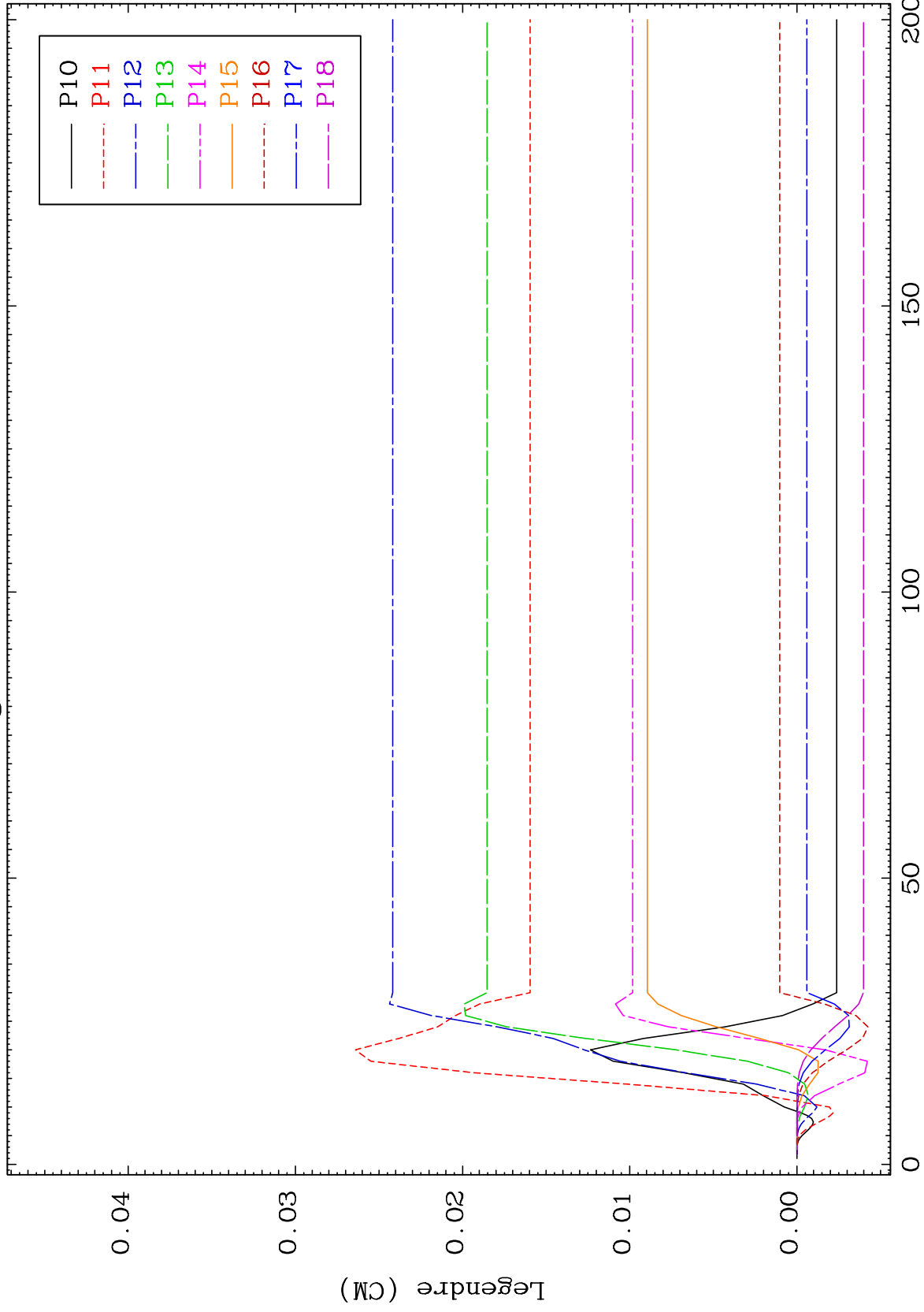
78

55-Cs-123

MAT 5495

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

55-Cs-123



79

Incident Energy (MeV)

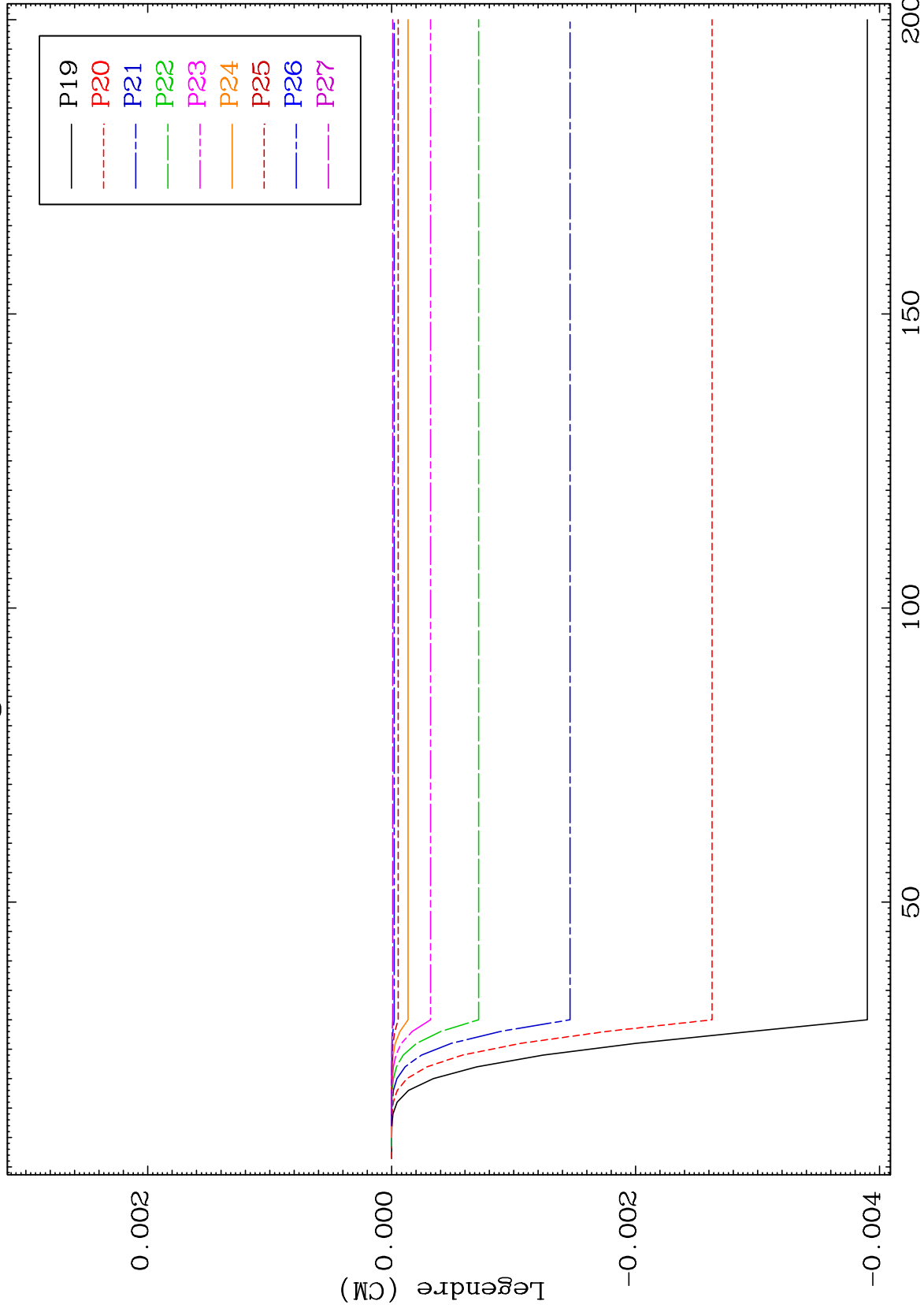
55-Cs-123



MAT 5495

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

55-Cs-123



80

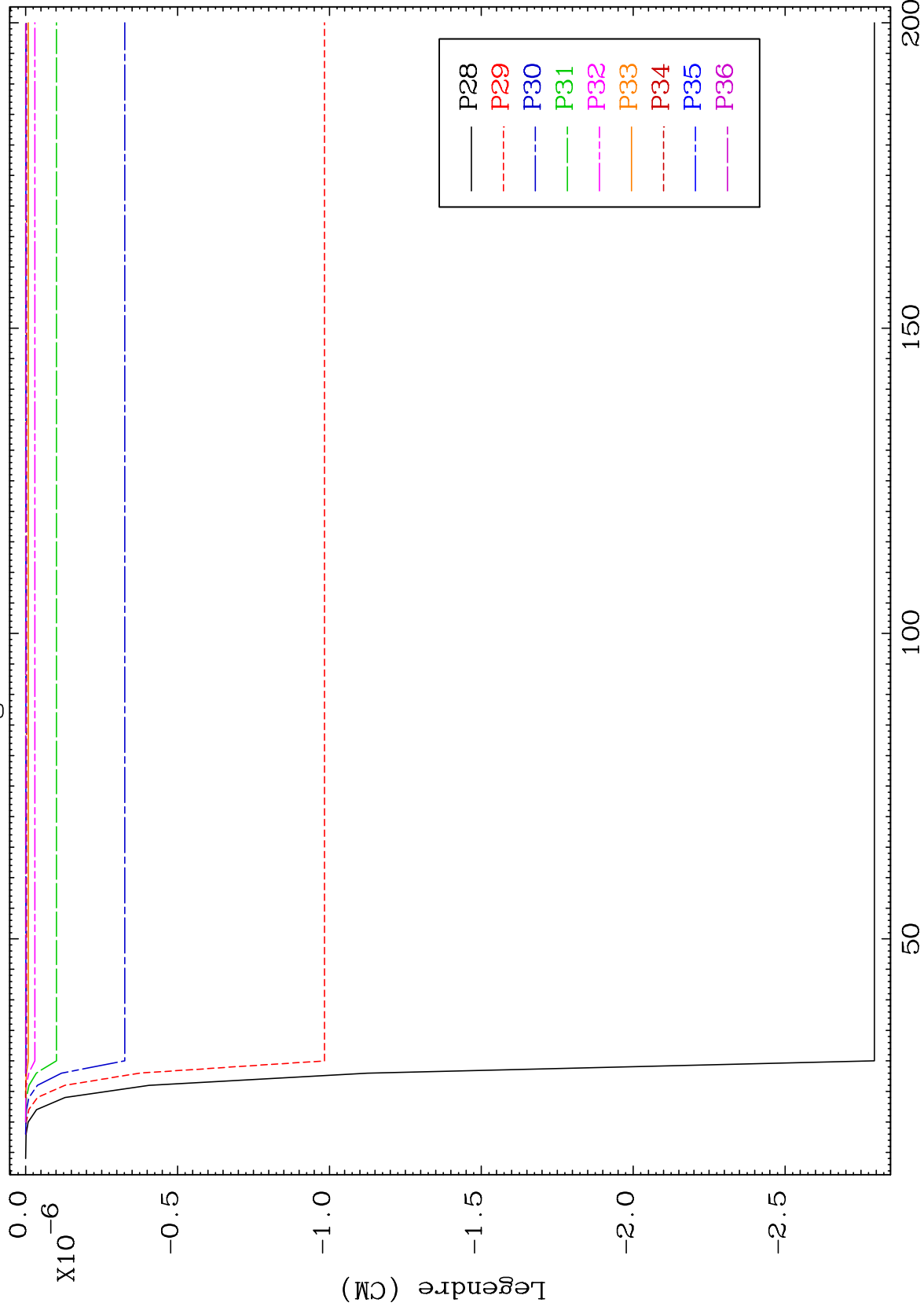
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



81

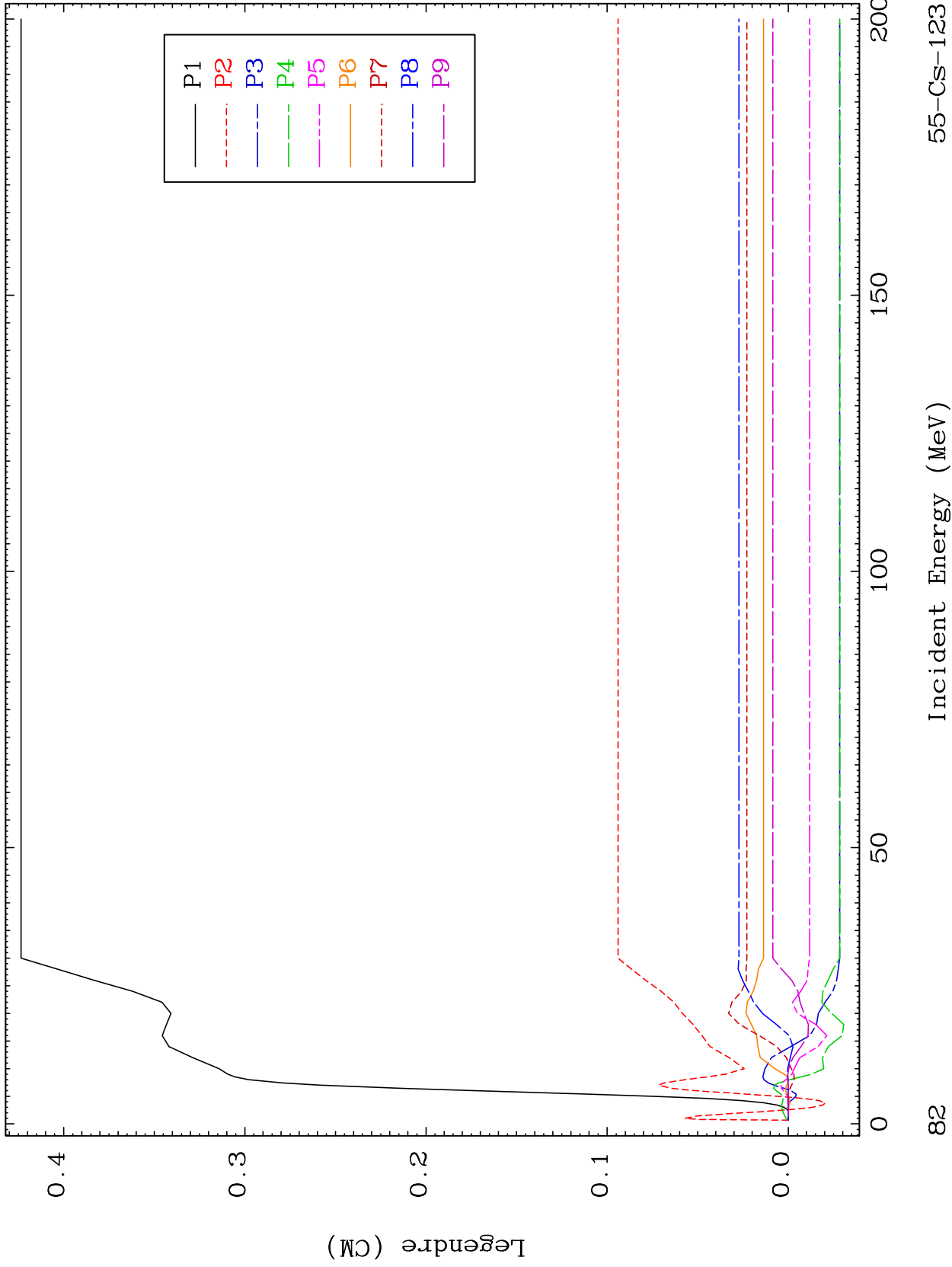
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



55-Cs-123

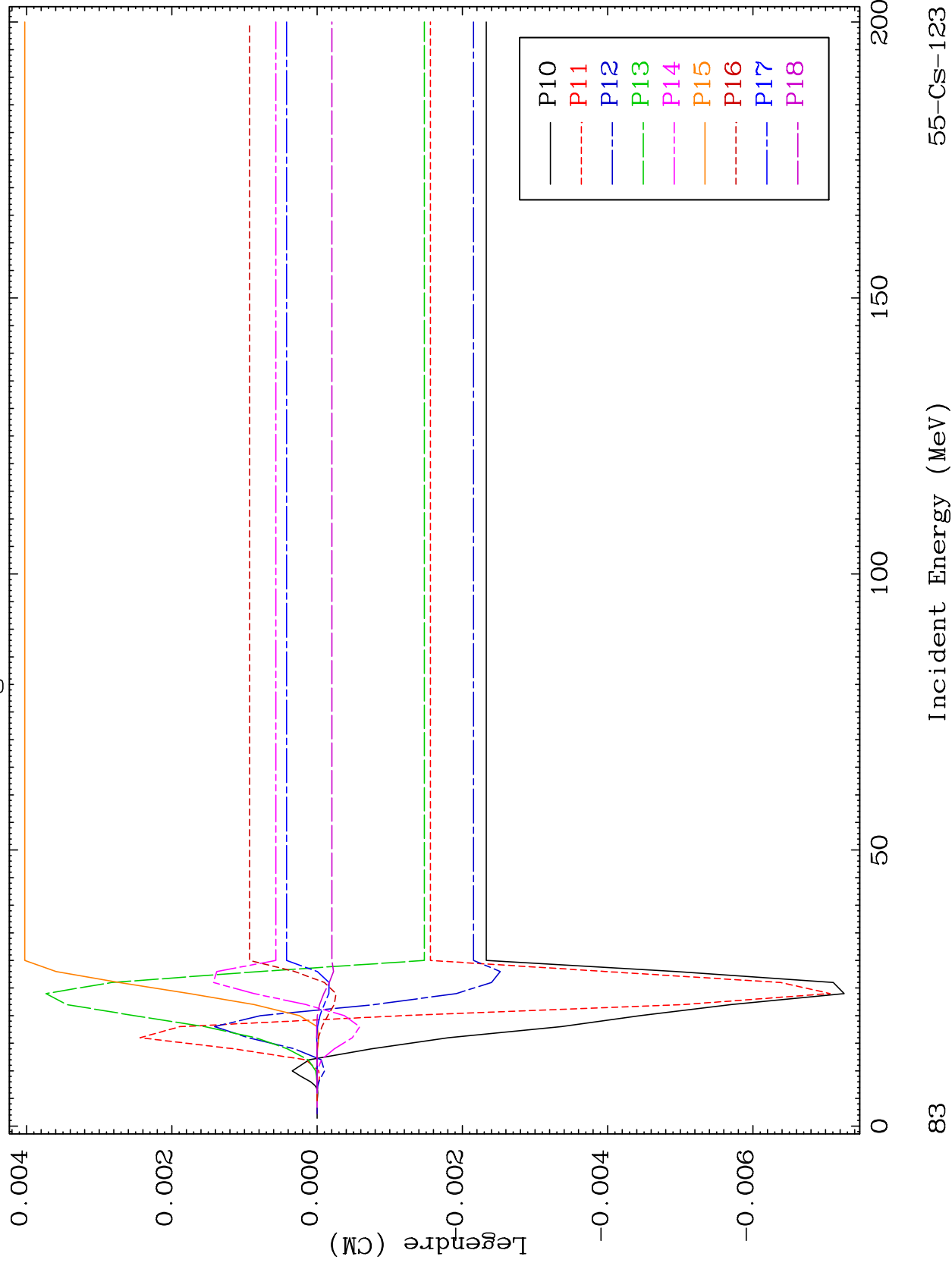
Incident Energy (MeV)

82

MAT 5495

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

55-Cs-123



83

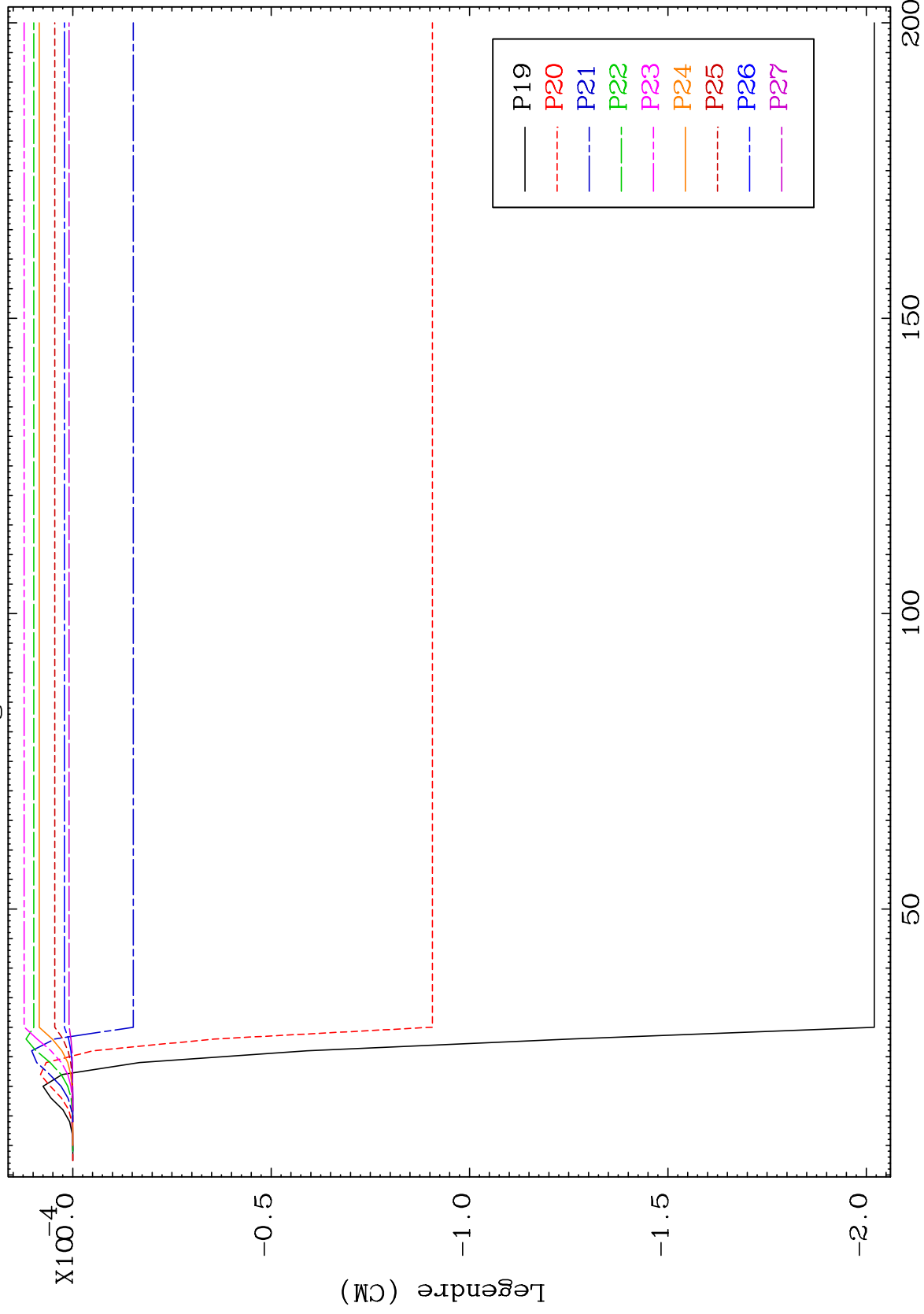
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



84

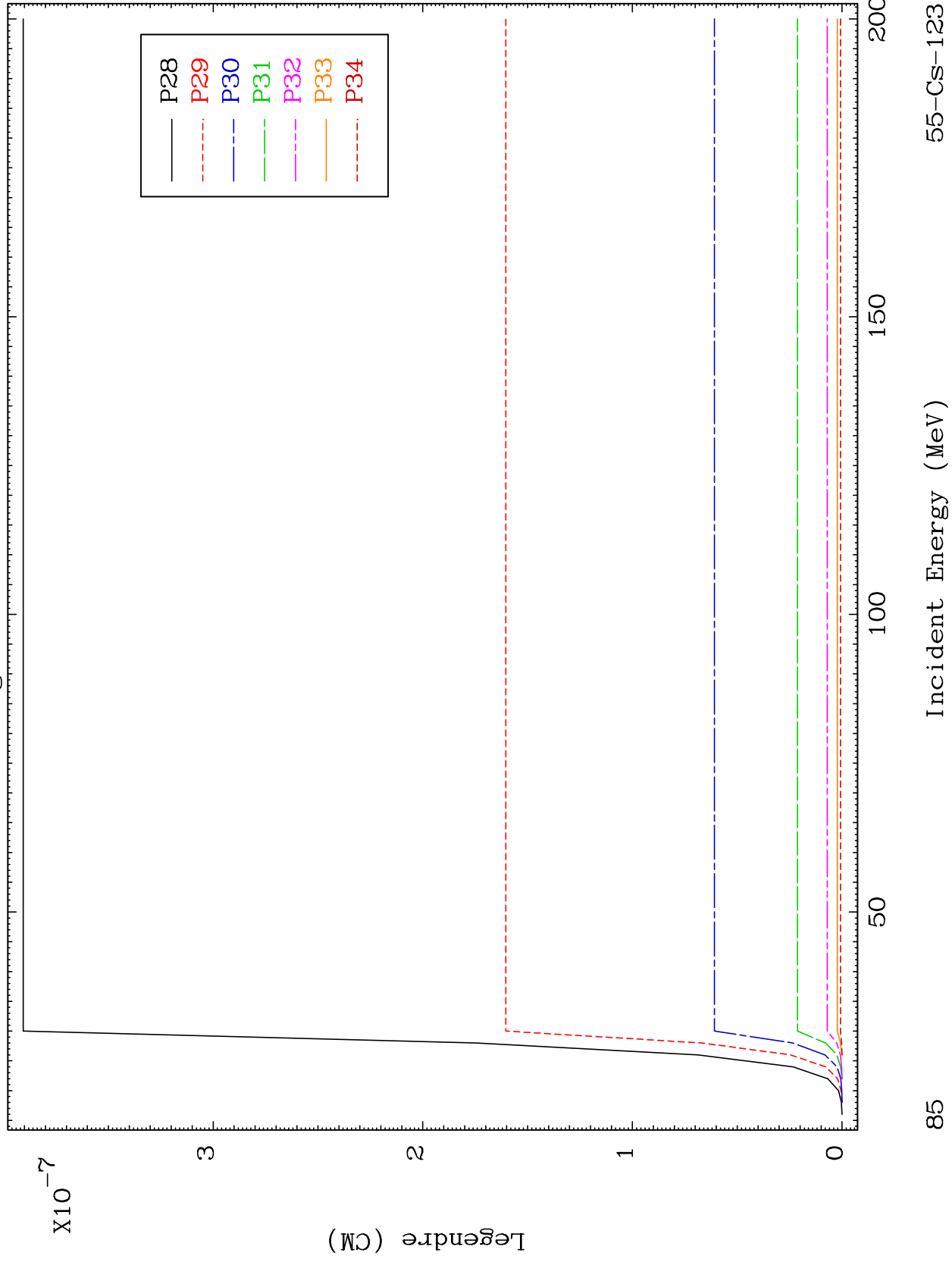
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



85

Incident Energy (MeV)

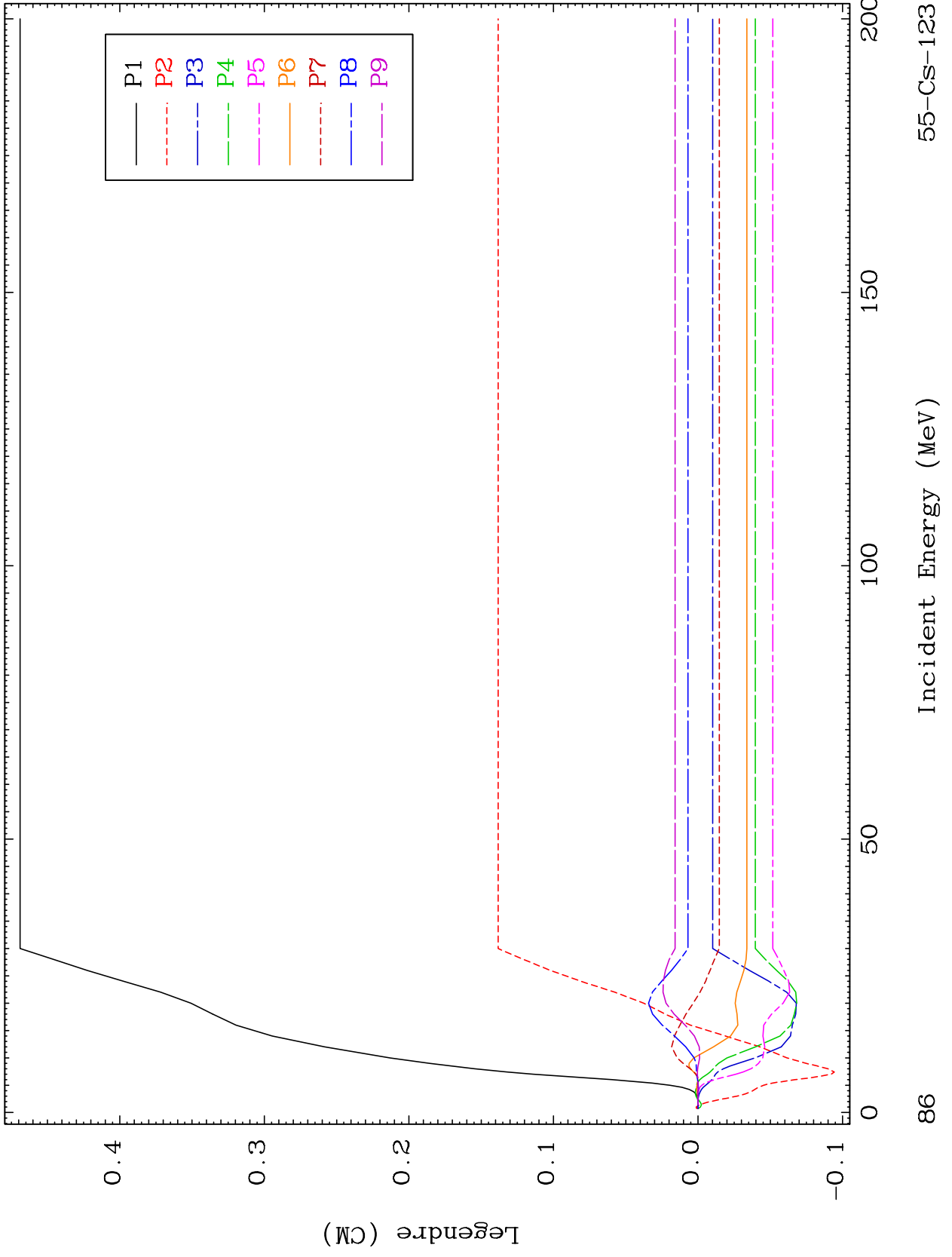
55-Cs-123

50

100

150

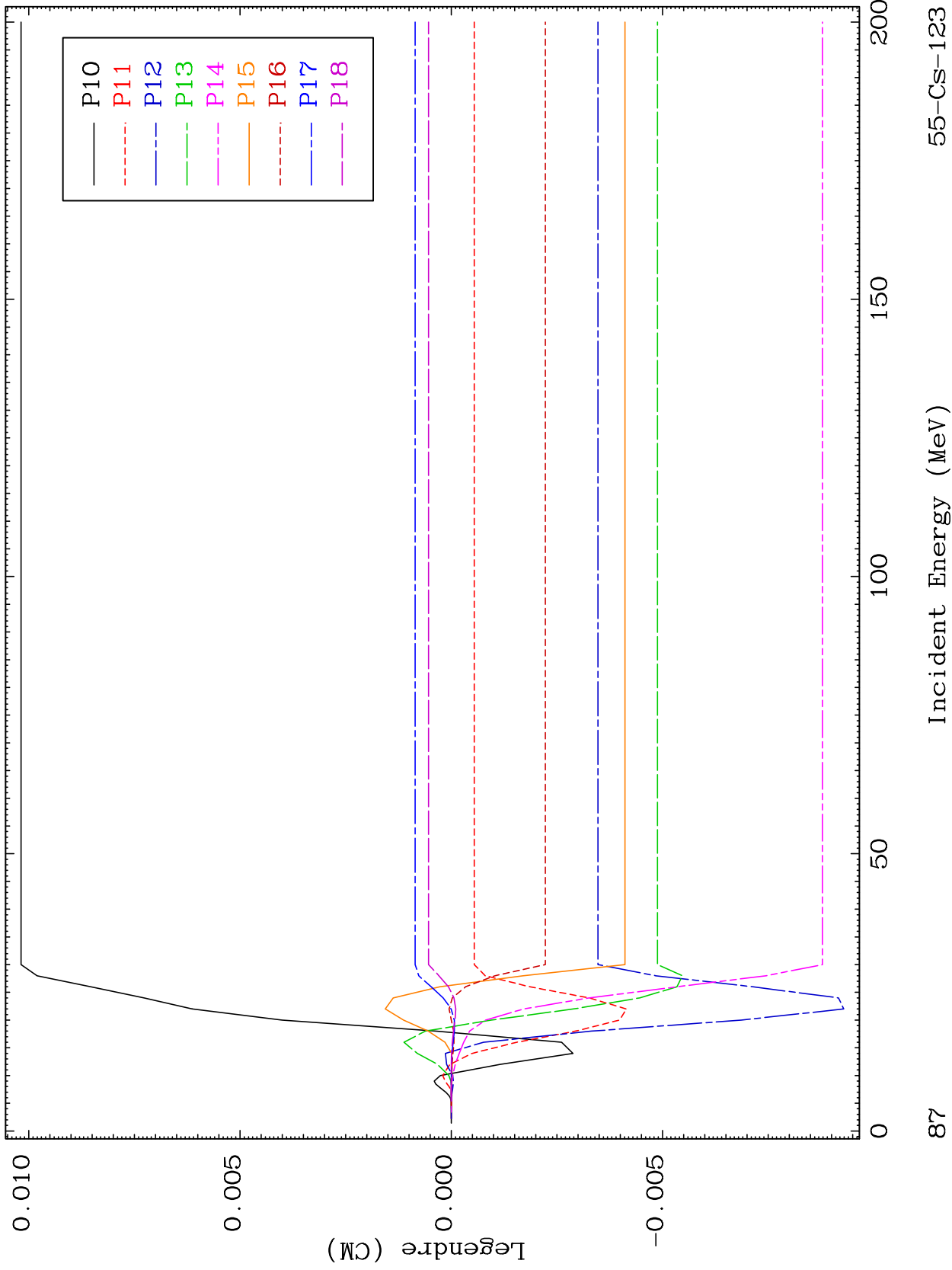
200



MAT 5495

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

55-Cs-123

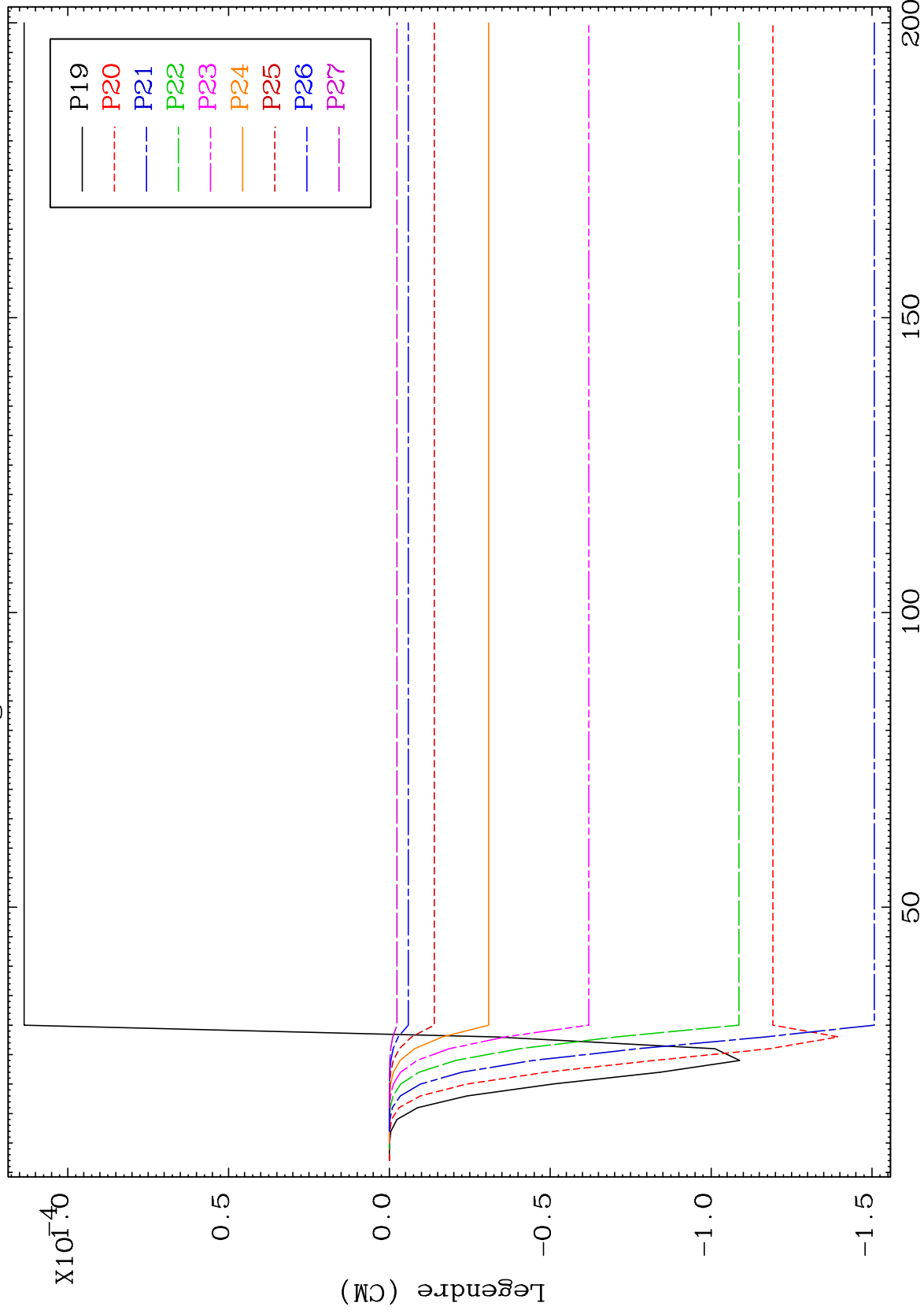




MAT 5495

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

55-Cs-123



88

Incident Energy (MeV)

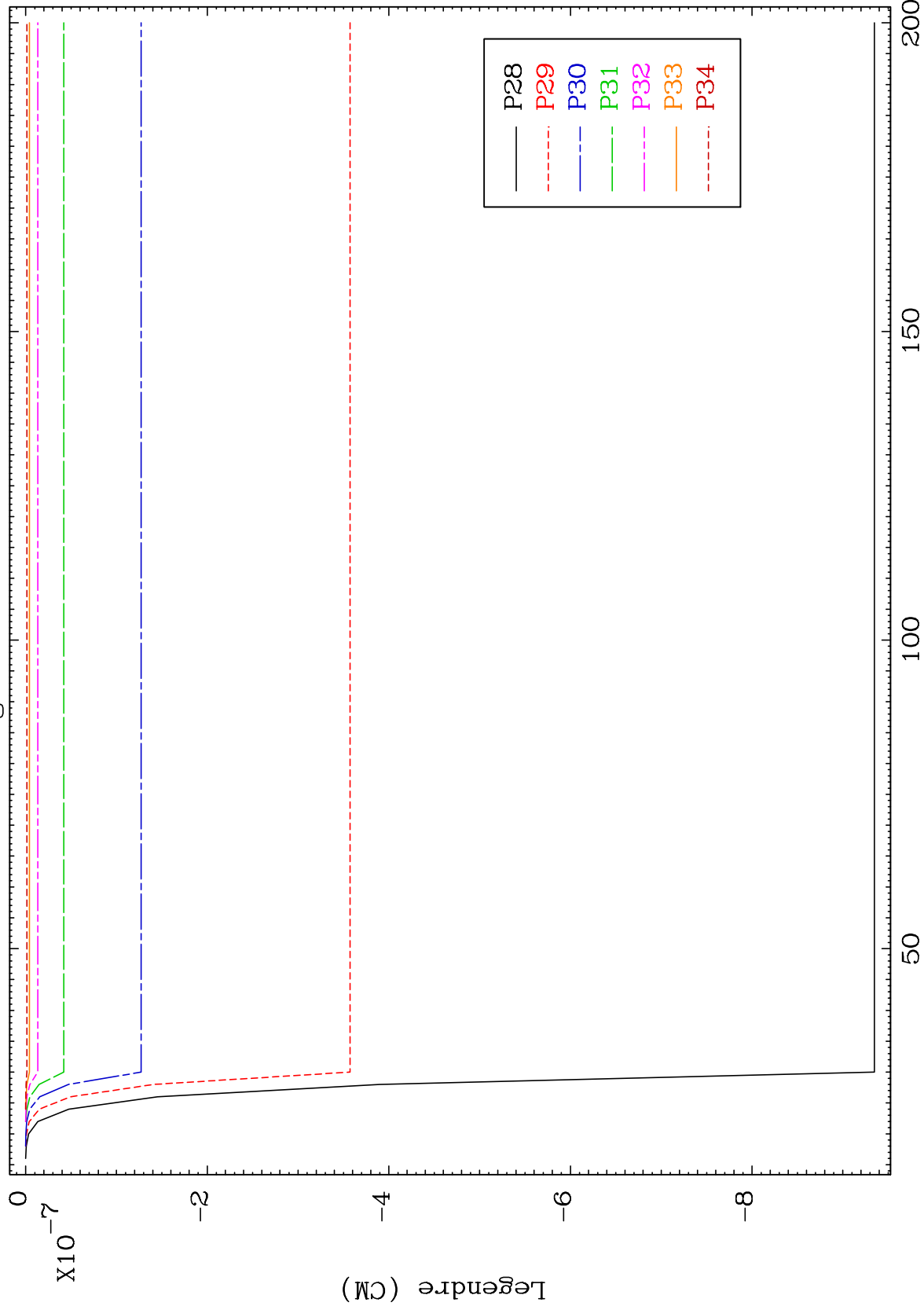
55-Cs-123

MAT 5495

MT= 68 (n,n') Level

55-Cs-123

Legendre Coefficients



89

Incident Energy (MeV)

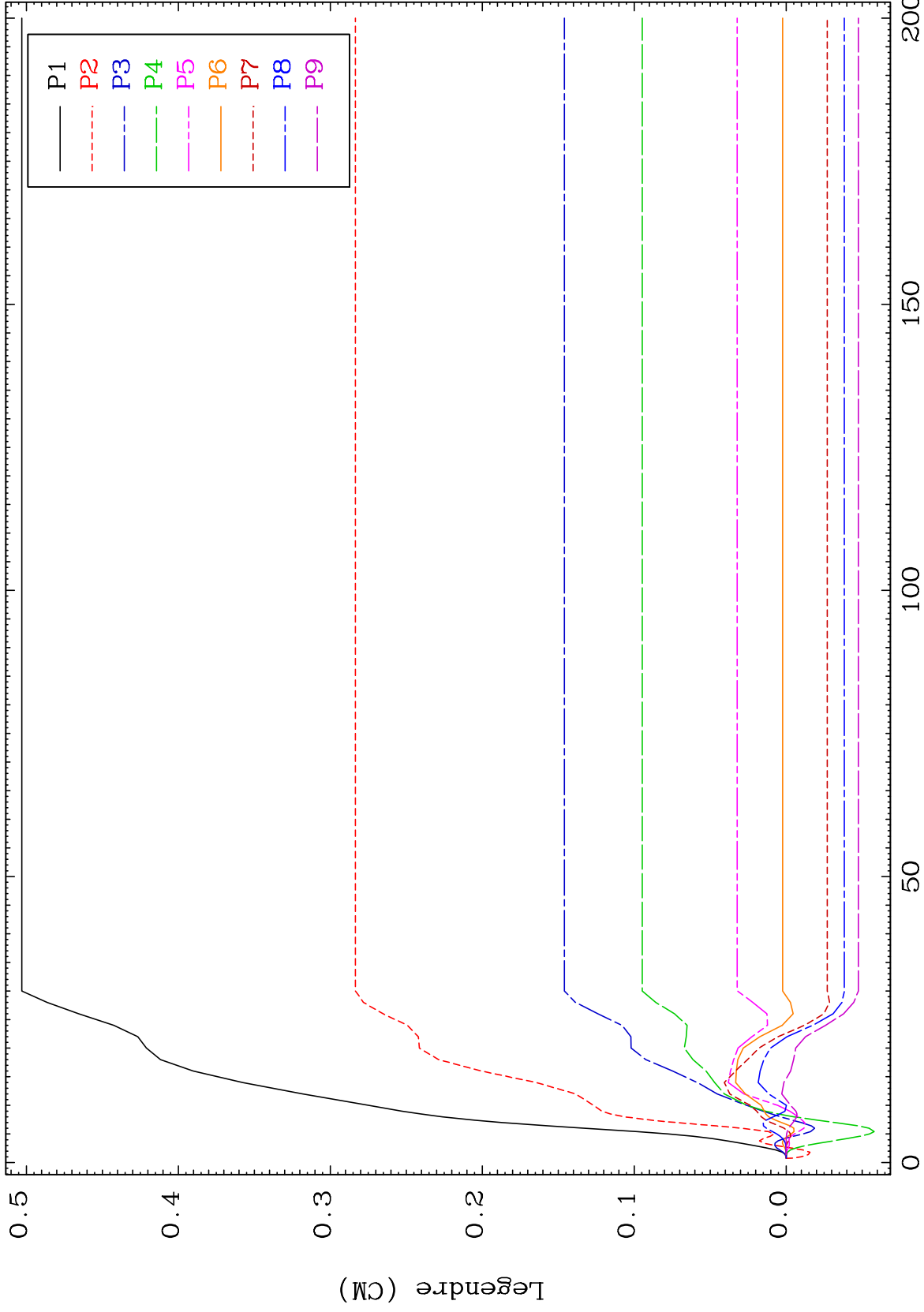
55-Cs-123

MAT 5495

MT= 69 (n,n') Level

55-Cs-123

Legendre Coefficients



90

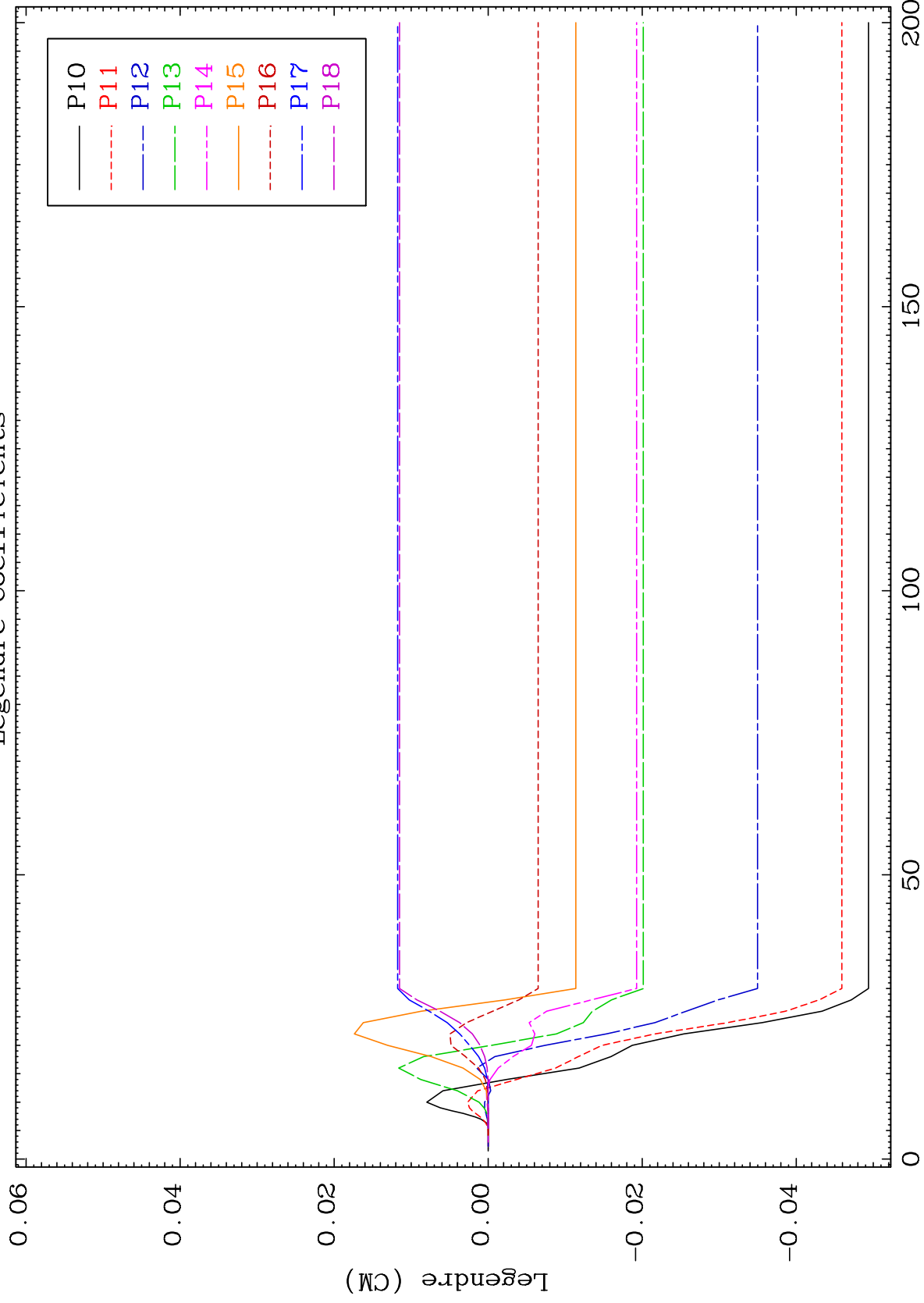
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



91

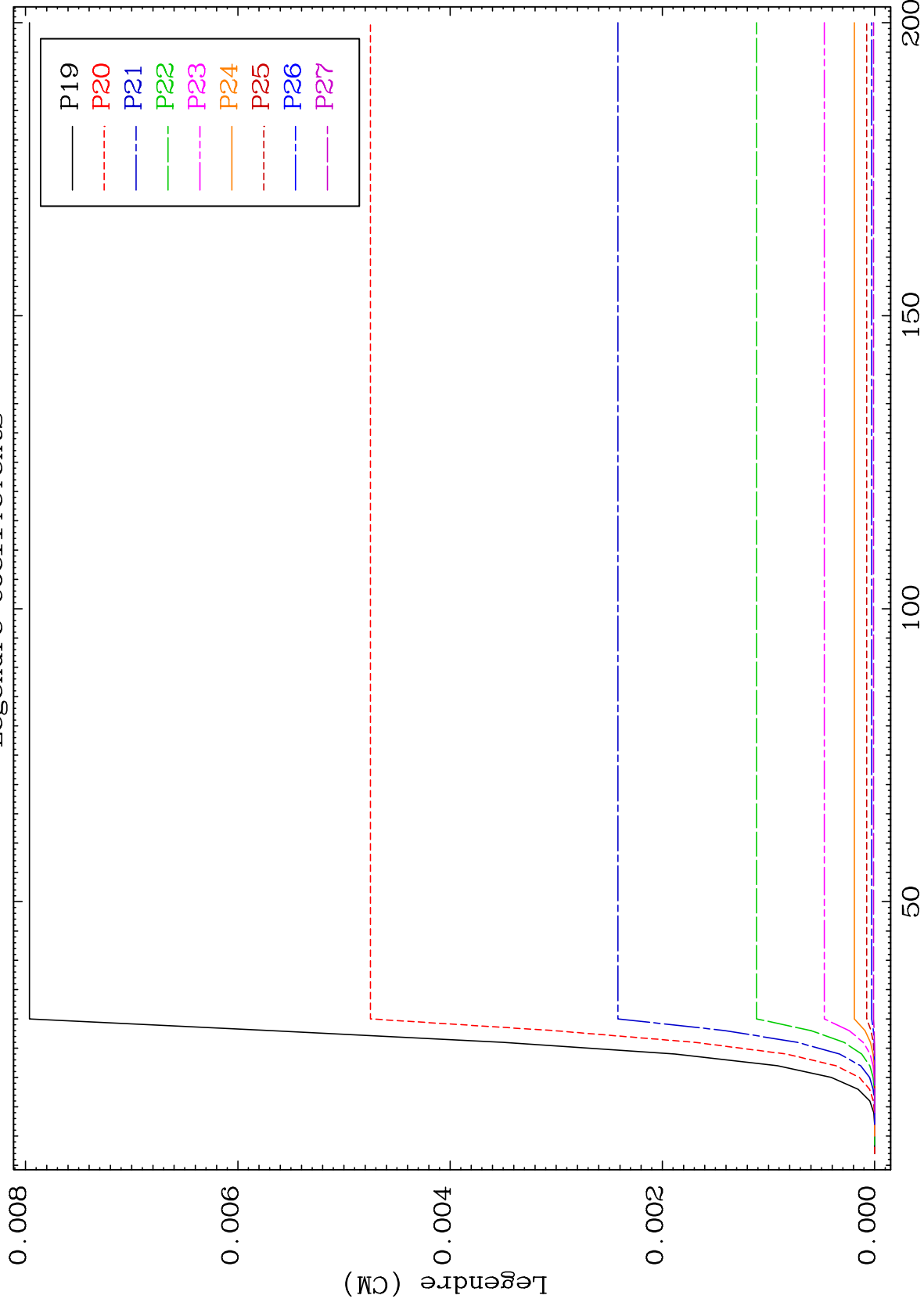
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



92

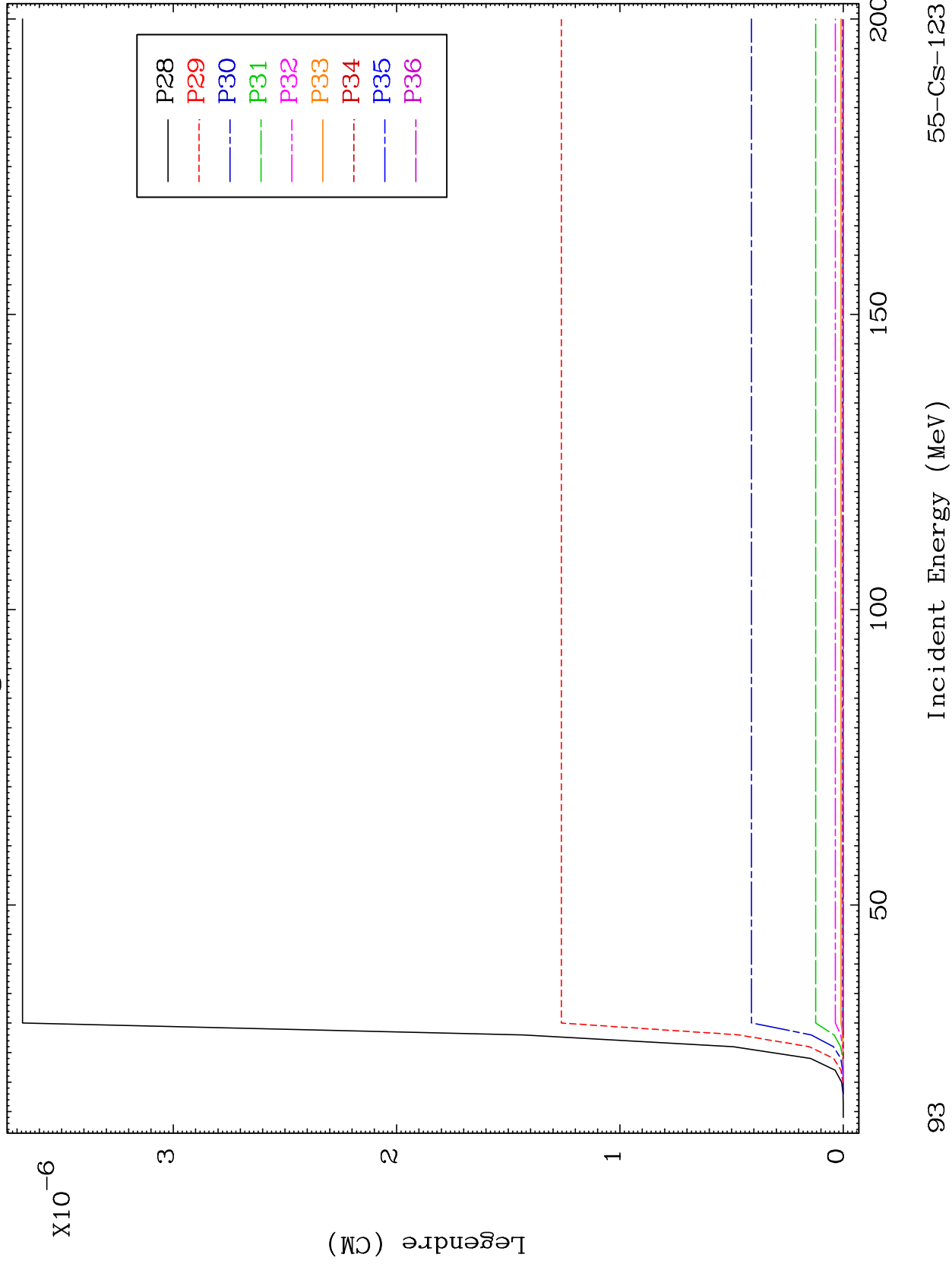
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123

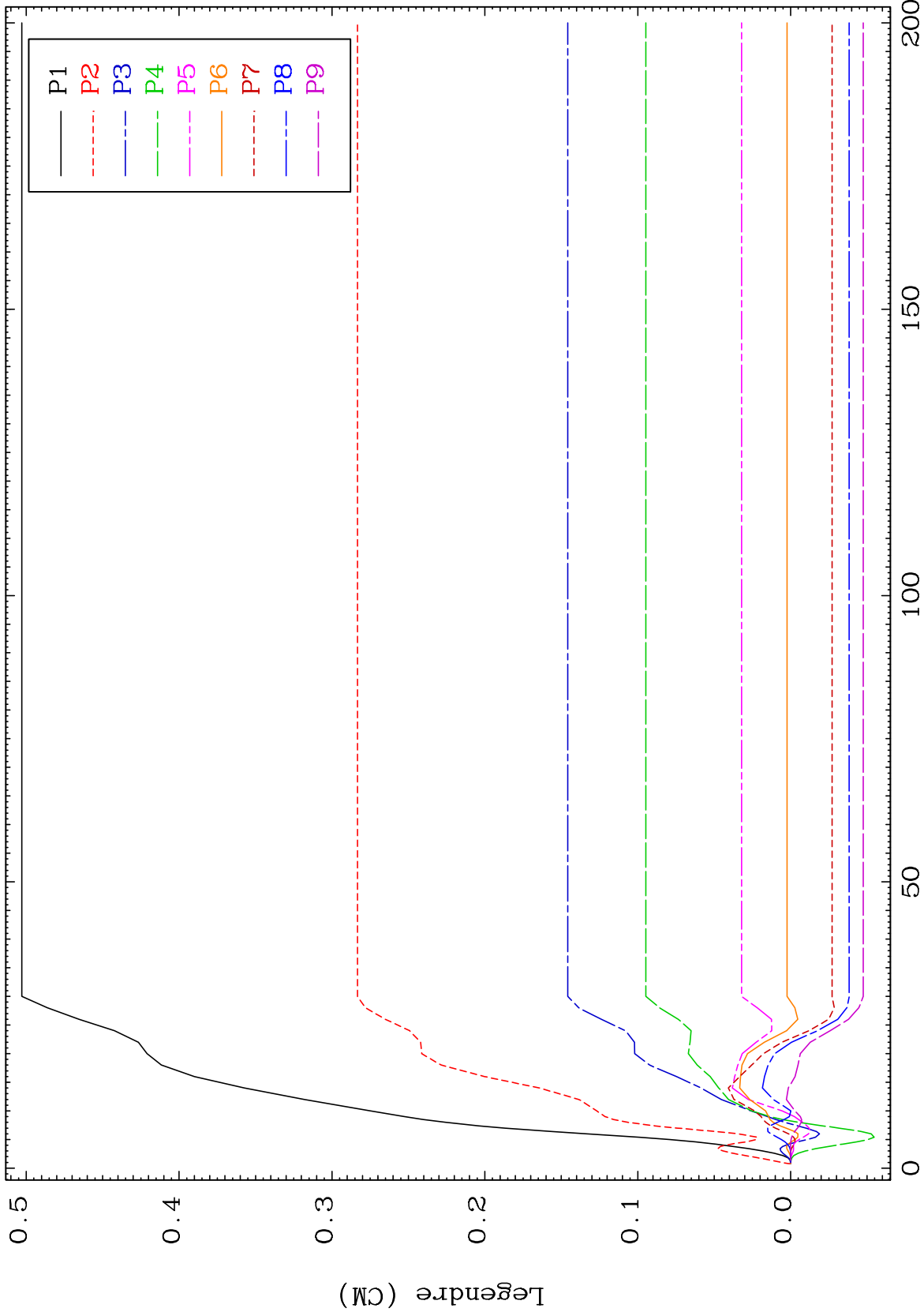


MAT 5495

MT= 70 (n,n') Level

55-Cs-123

Legendre Coefficients



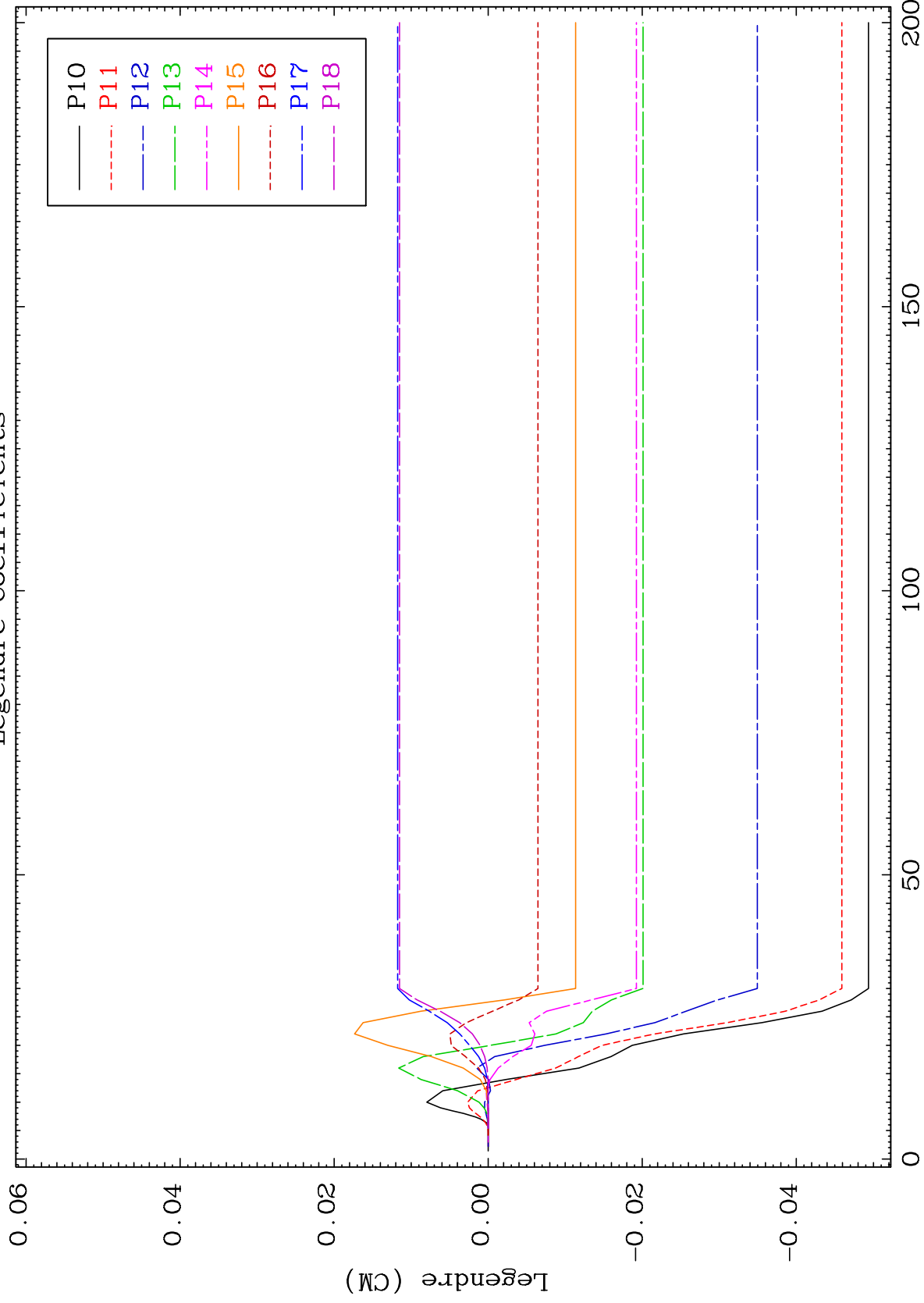
94

55-Cs-123

MAT 5495

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

55-Cs-123



95

Incident Energy (MeV)

55-Cs-123

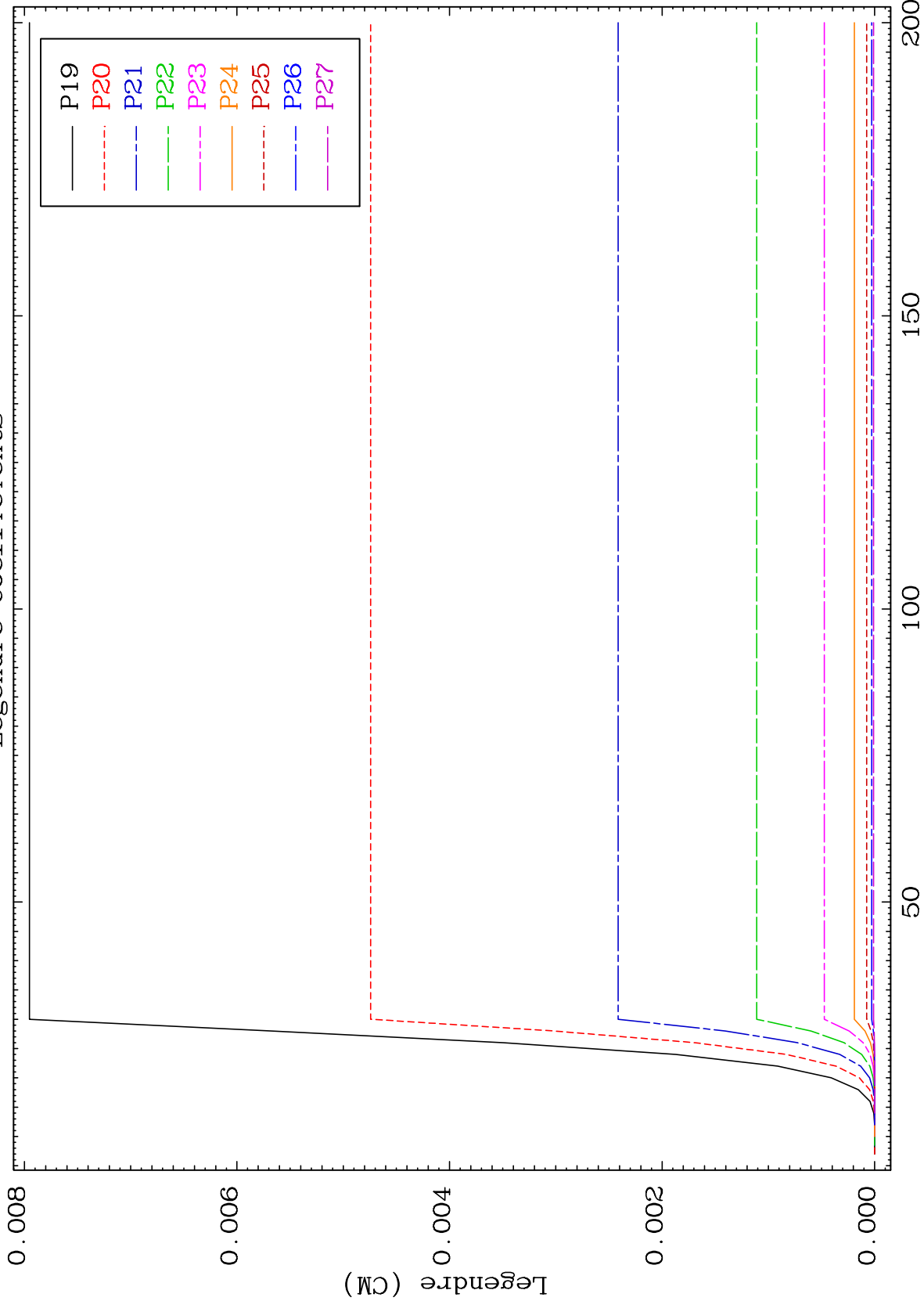


MAT 5495

MT= 70 (n,n') Level

55-Cs-123

Legendre Coefficients



96

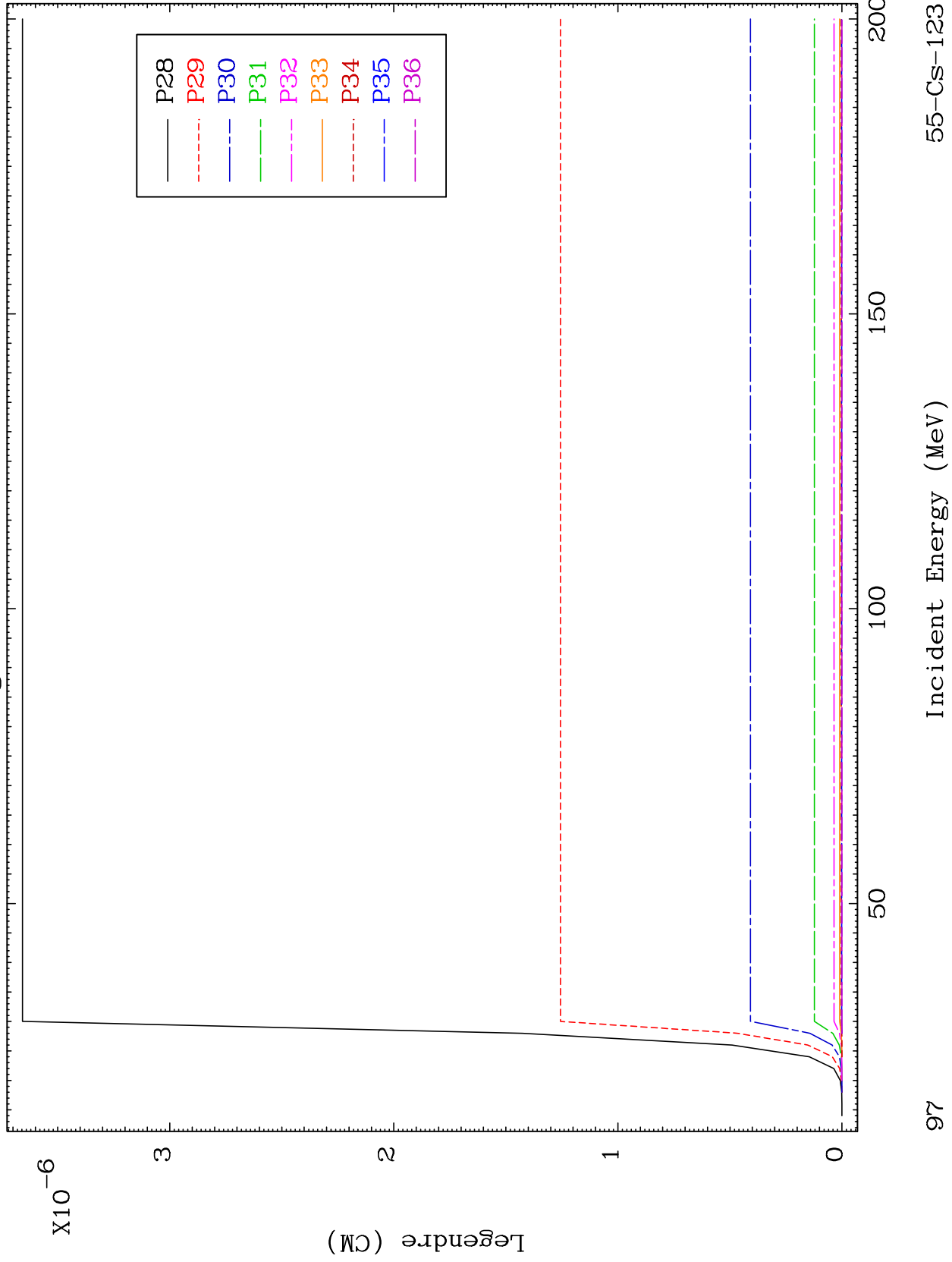
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

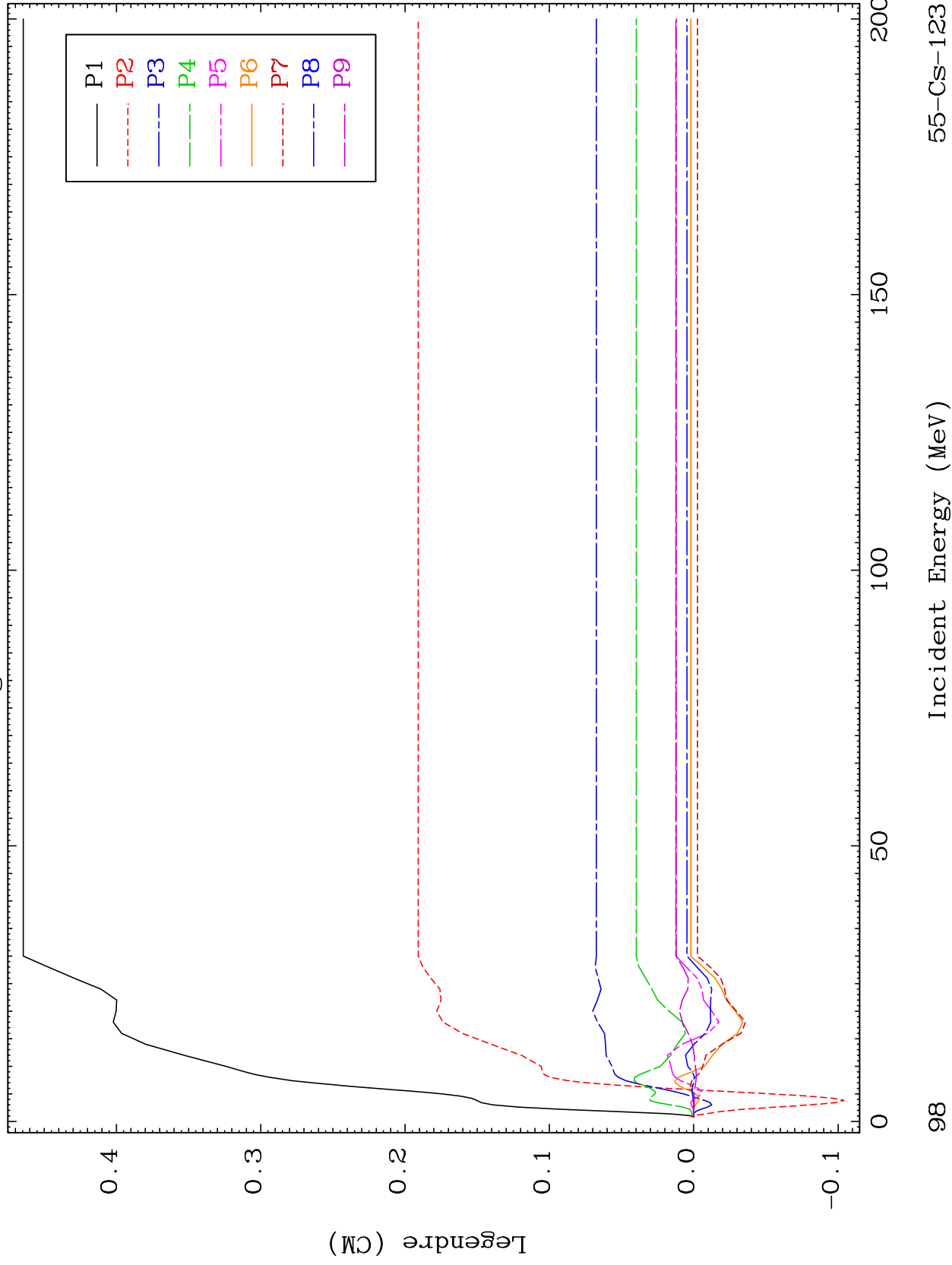
55-Cs-123



MAT 5495

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

55-Cs-123

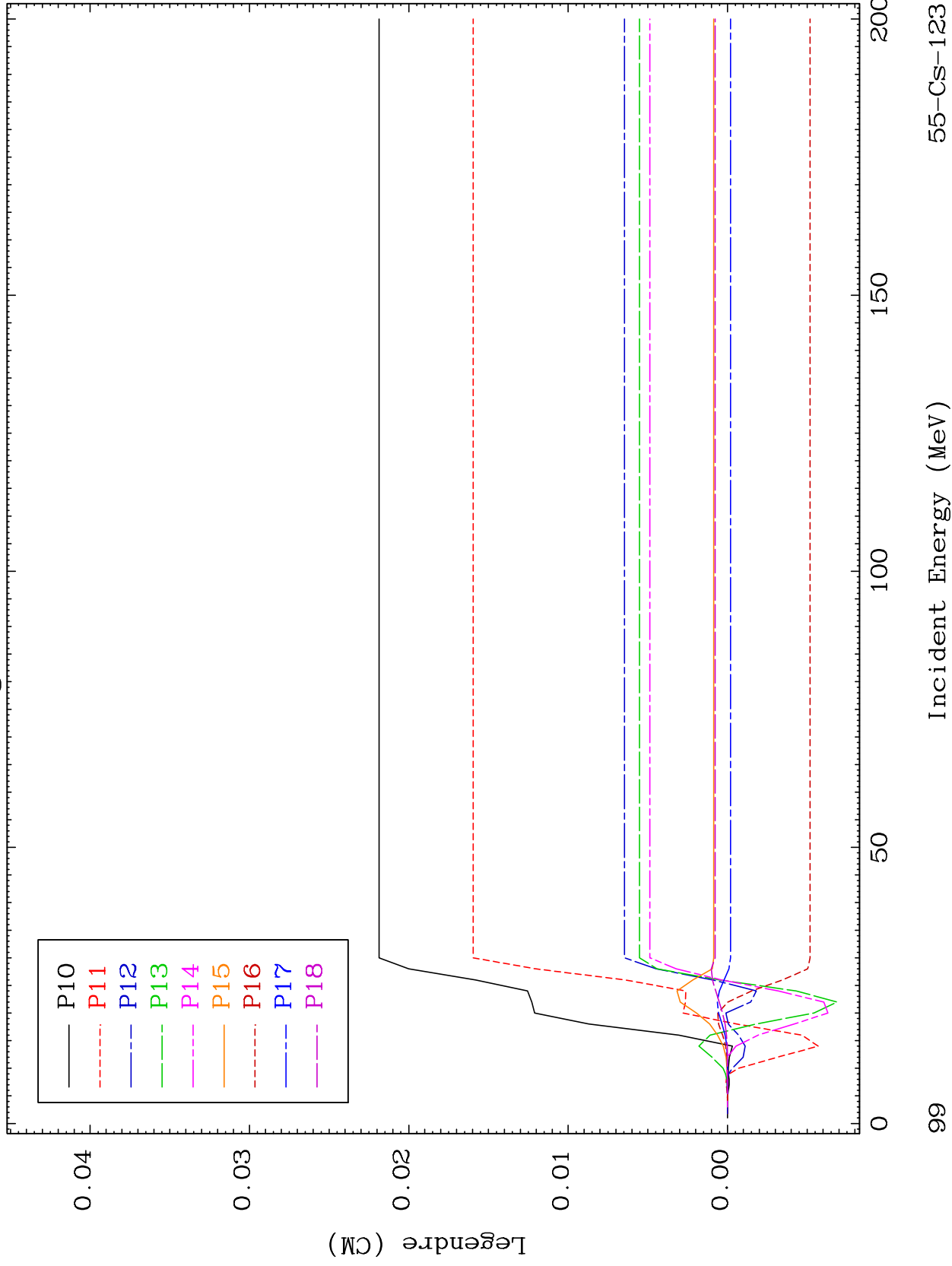


55-Cs-123

MAT 5495

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

55-Cs-123



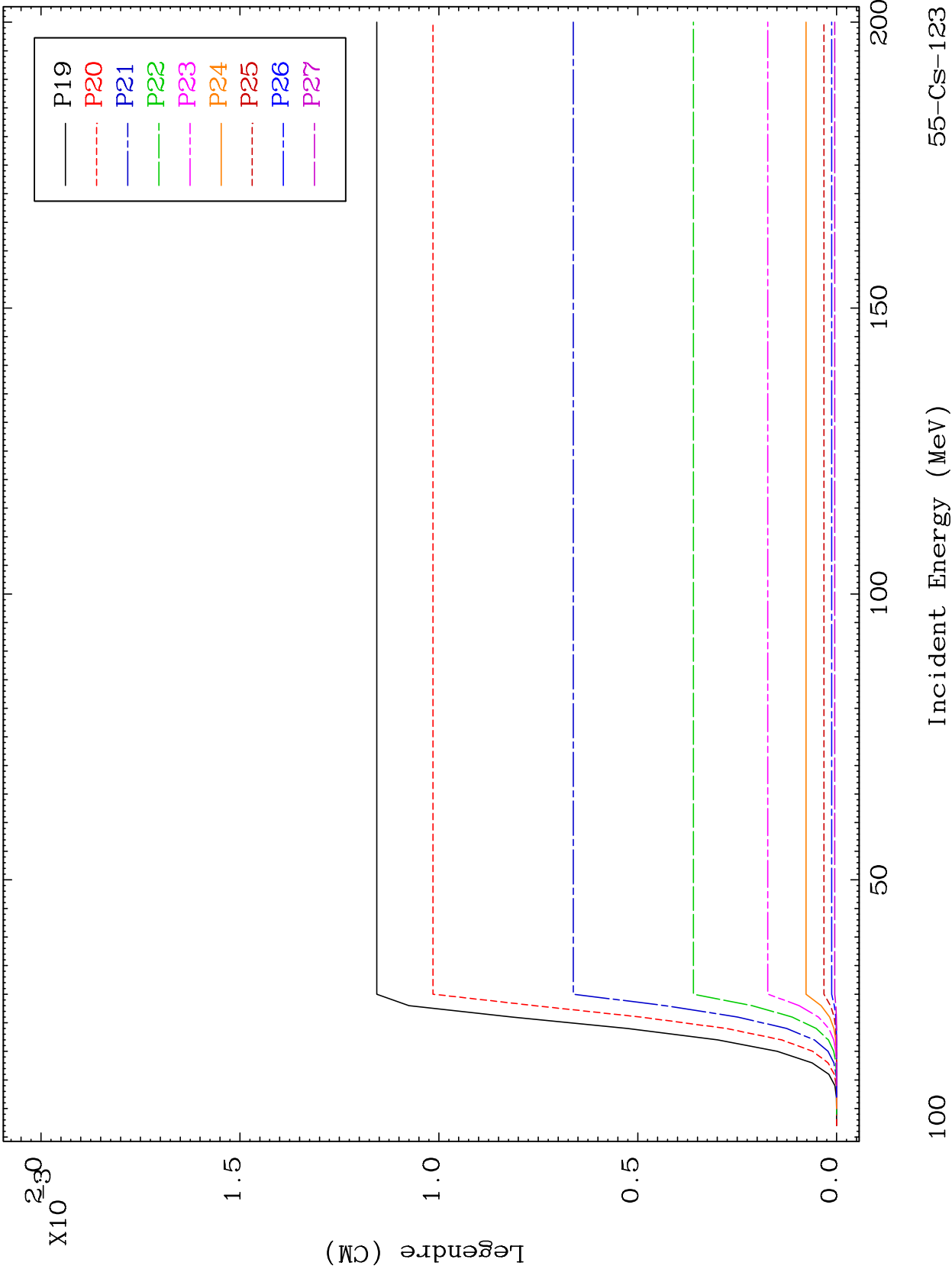
99

55-Cs-123

MAT 5495

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

55-Cs-123



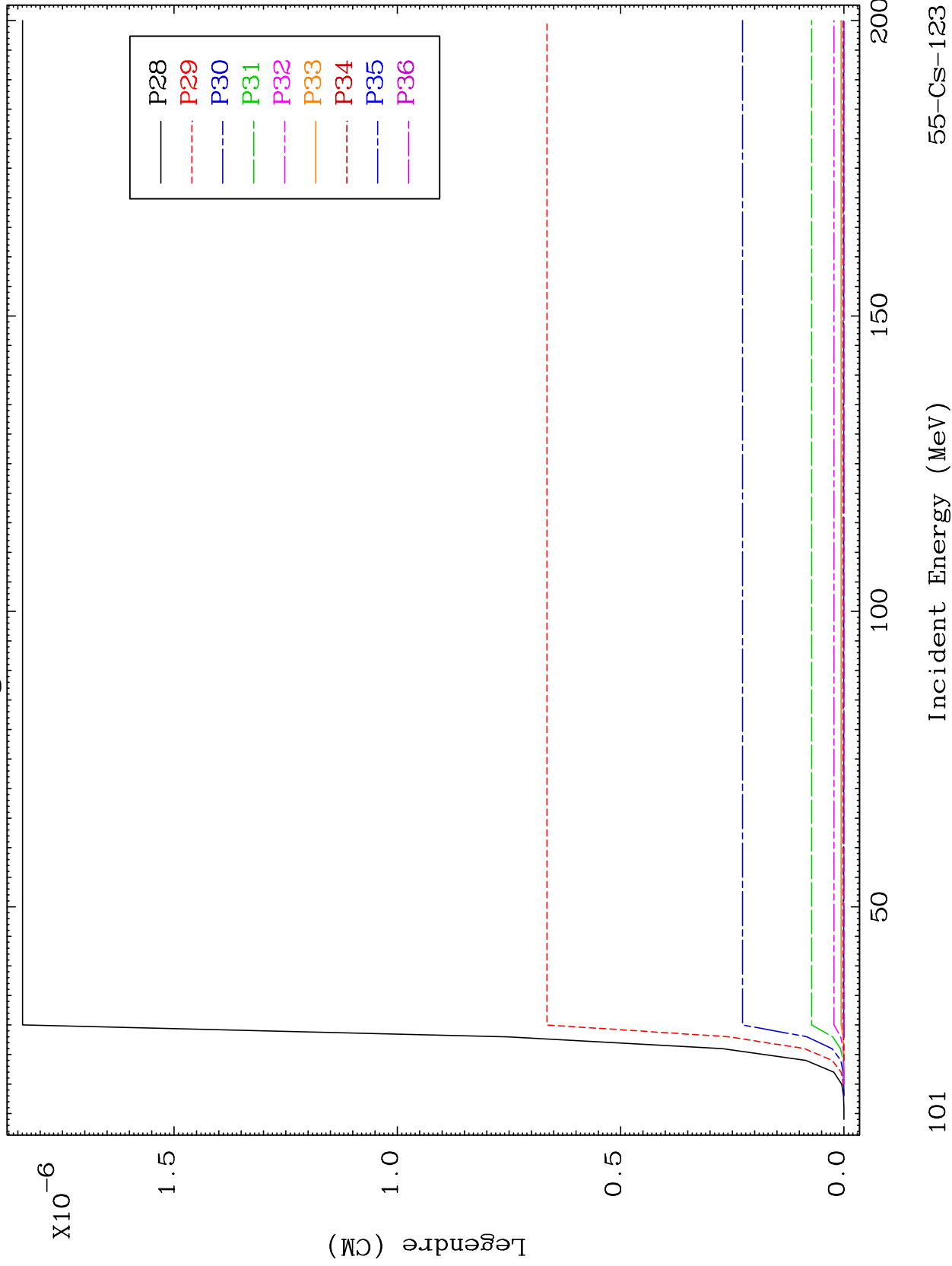
55-Cs-123

Incident Energy (MeV)

MAT 5495

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

55-Cs-123



101

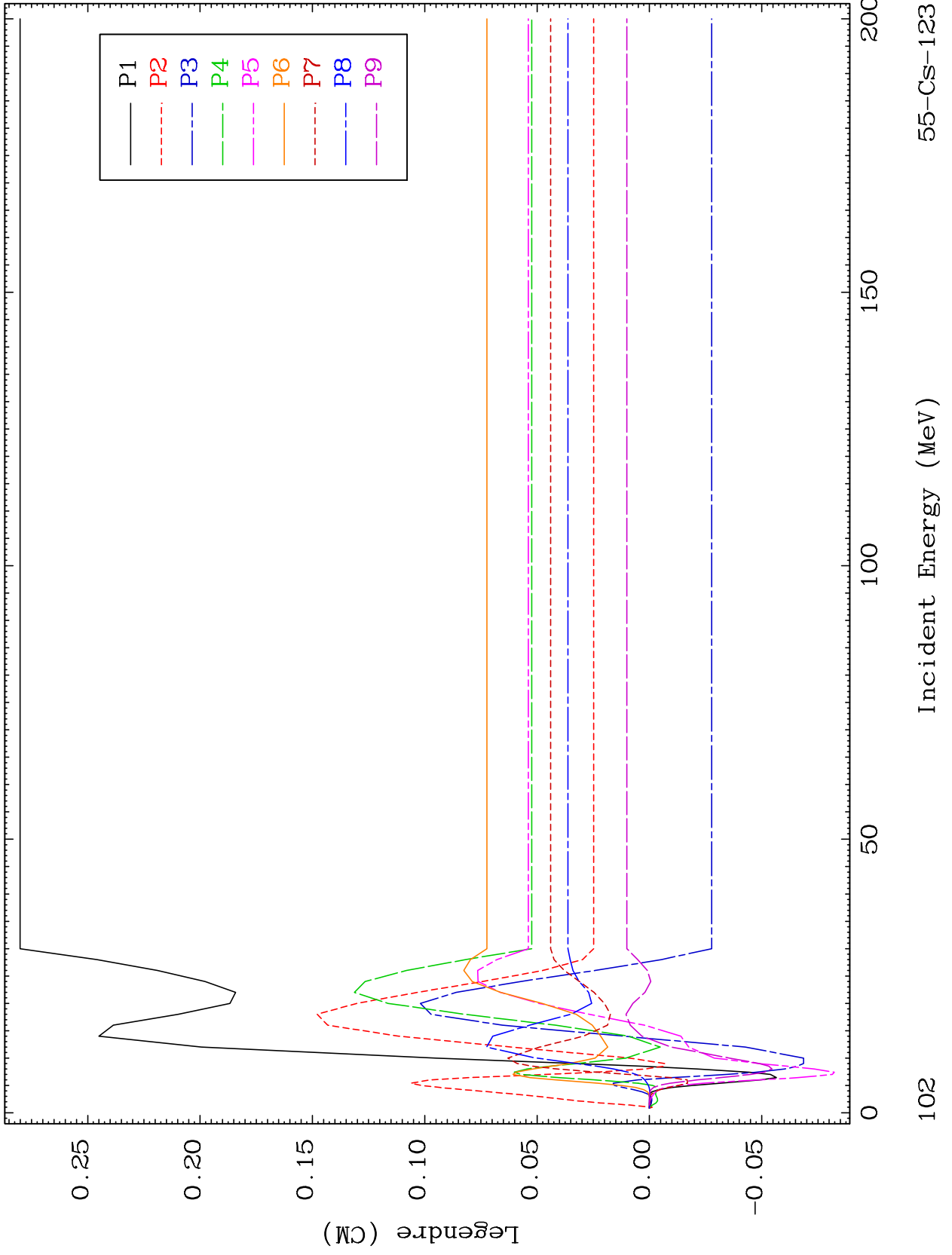
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



55-Cs-123

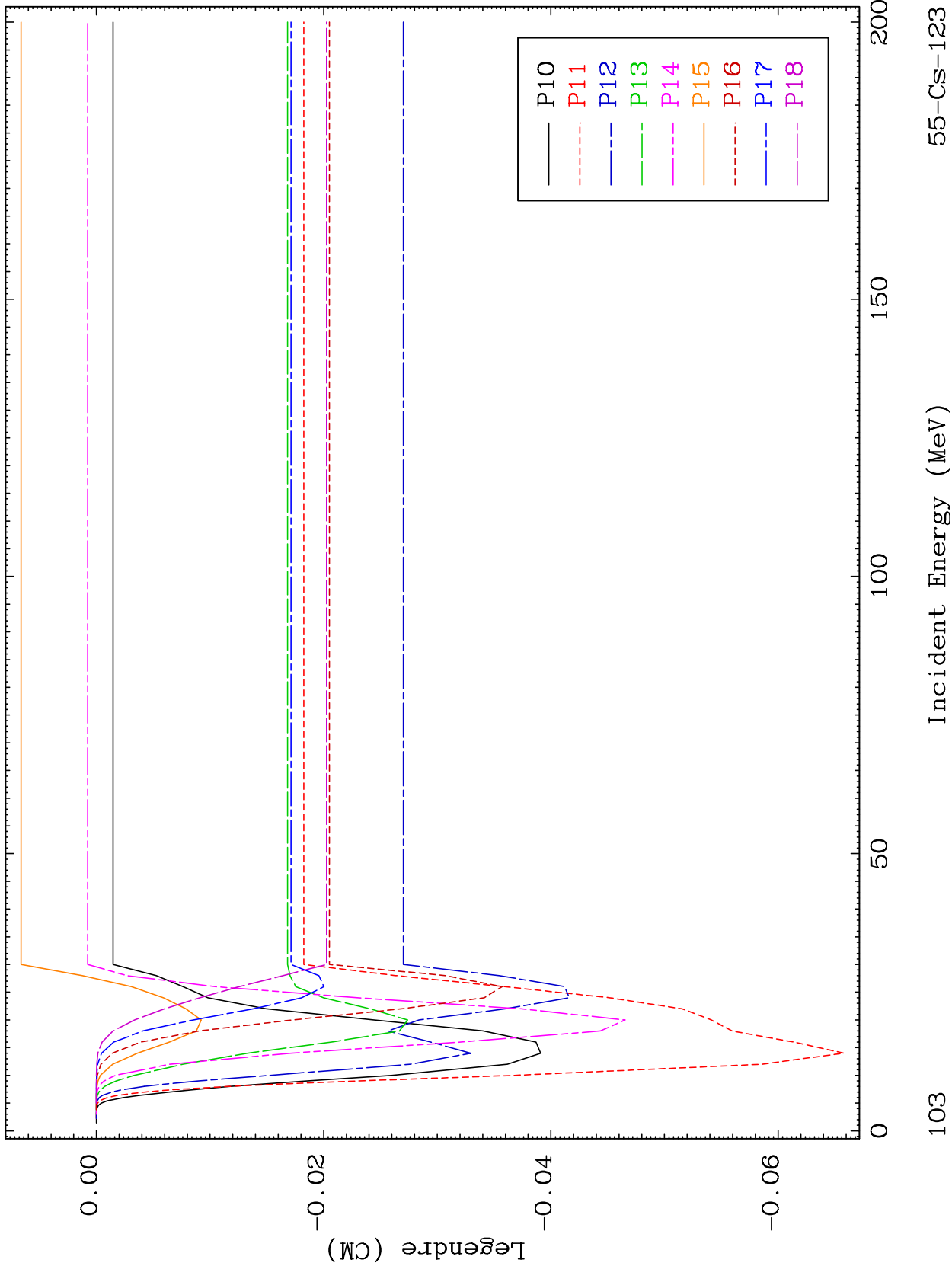
Incident Energy (MeV)

102

MAT 5495

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

55-Cs-123

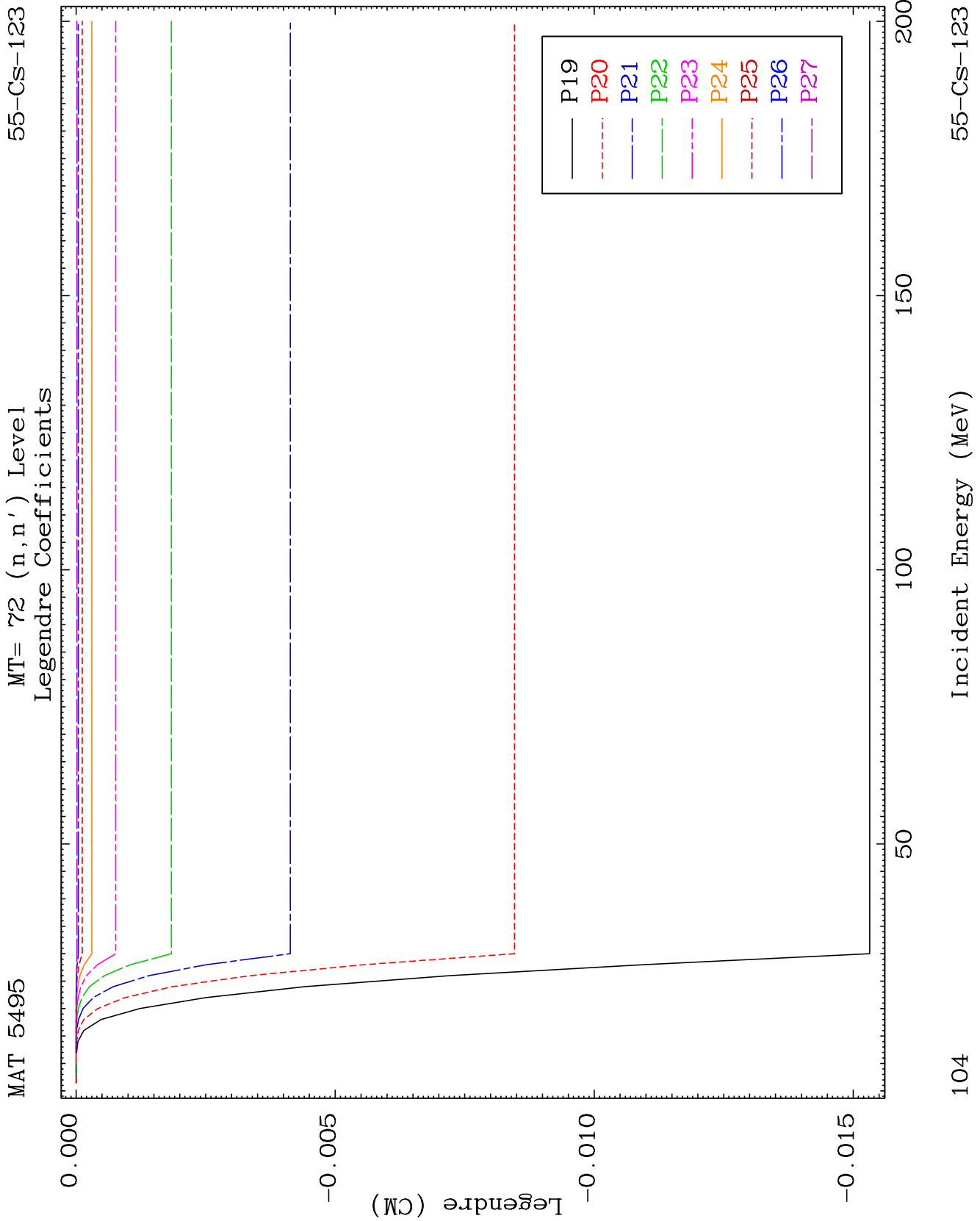


55-Cs-123

Incident Energy (MeV)

103

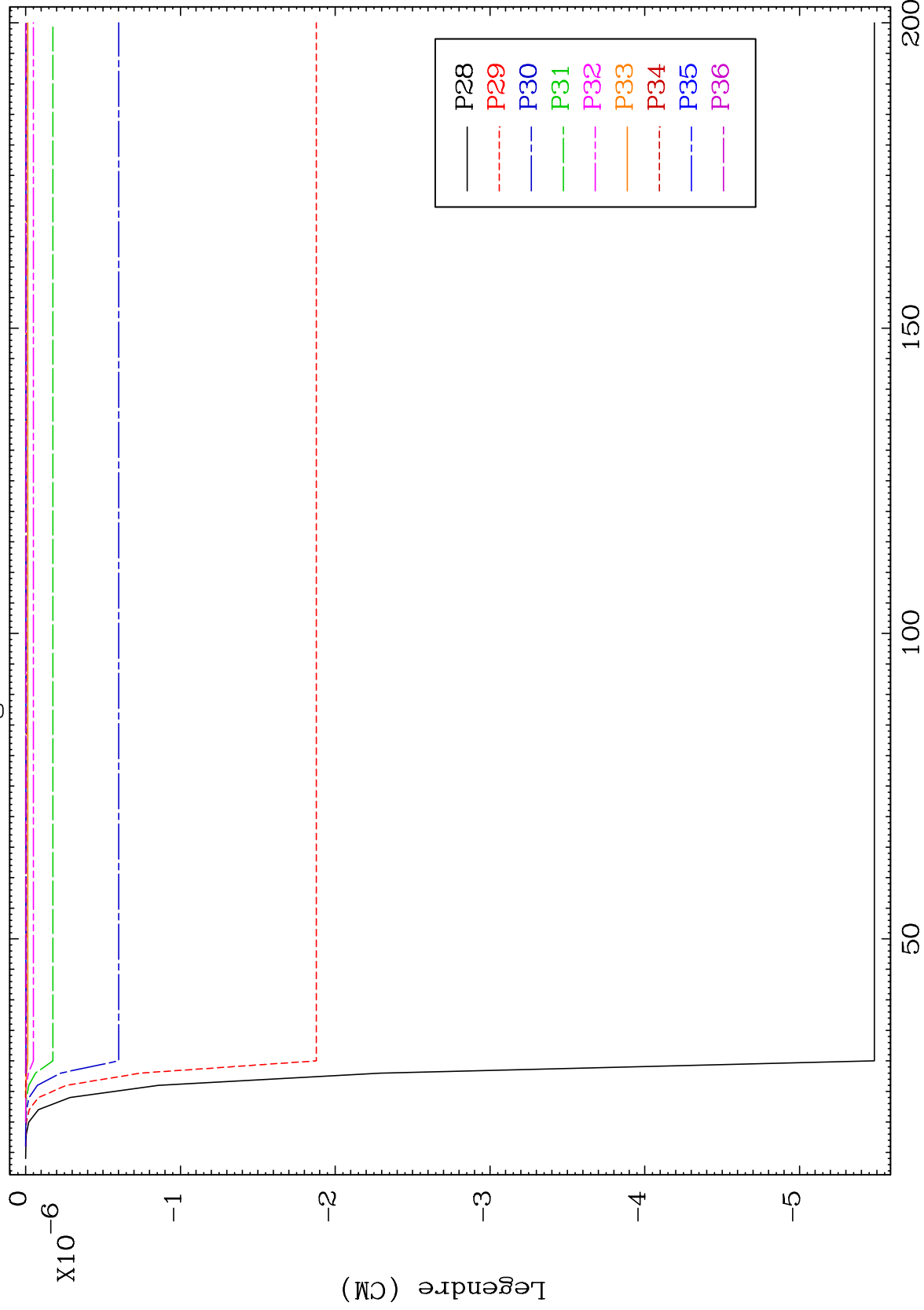




MAT 5495

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

55-Cs-123



105

Incident Energy (MeV)

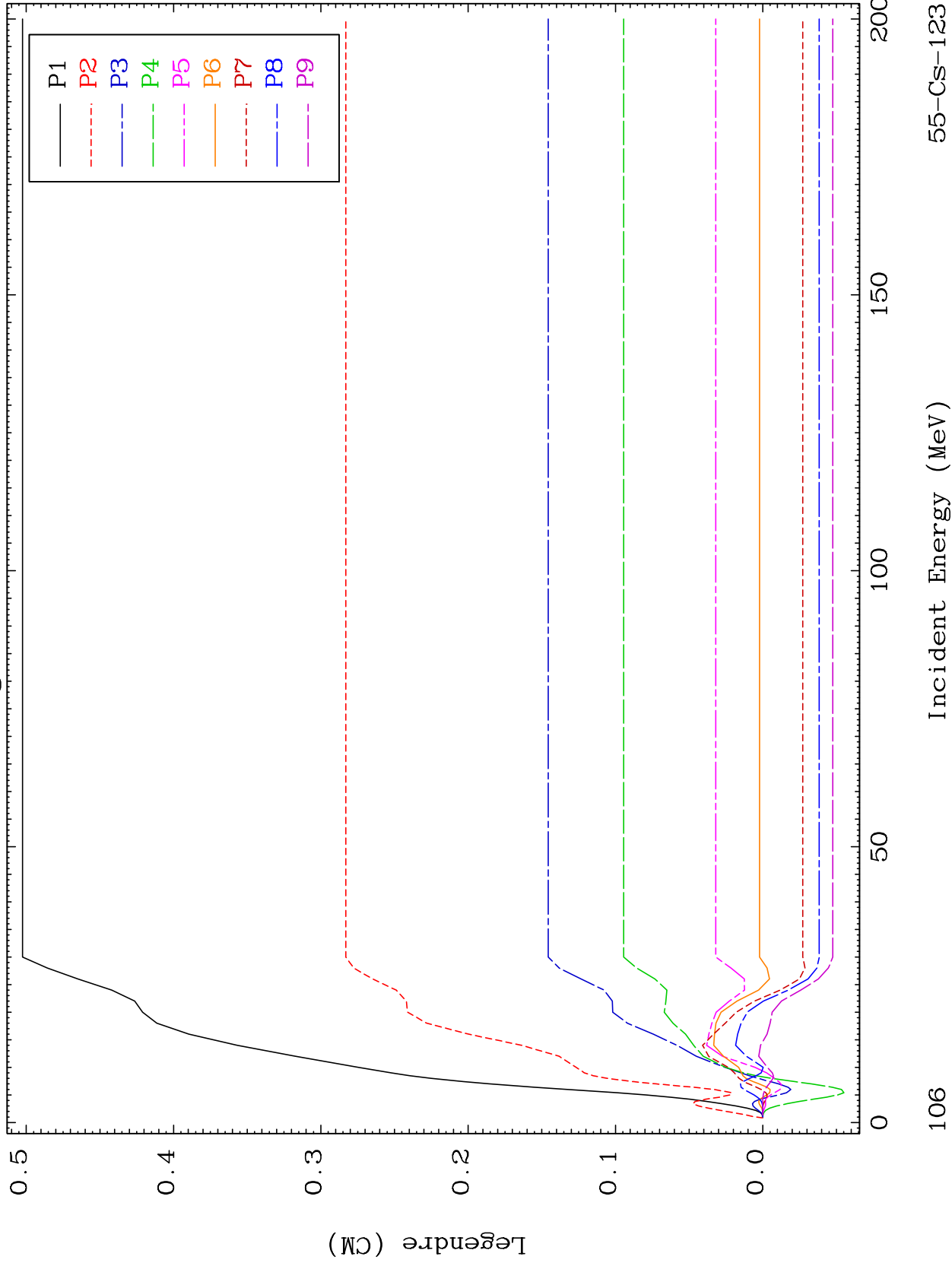
55-Cs-123

MAT 5495

MT= 73 (n,n') Level

55-Cs-123

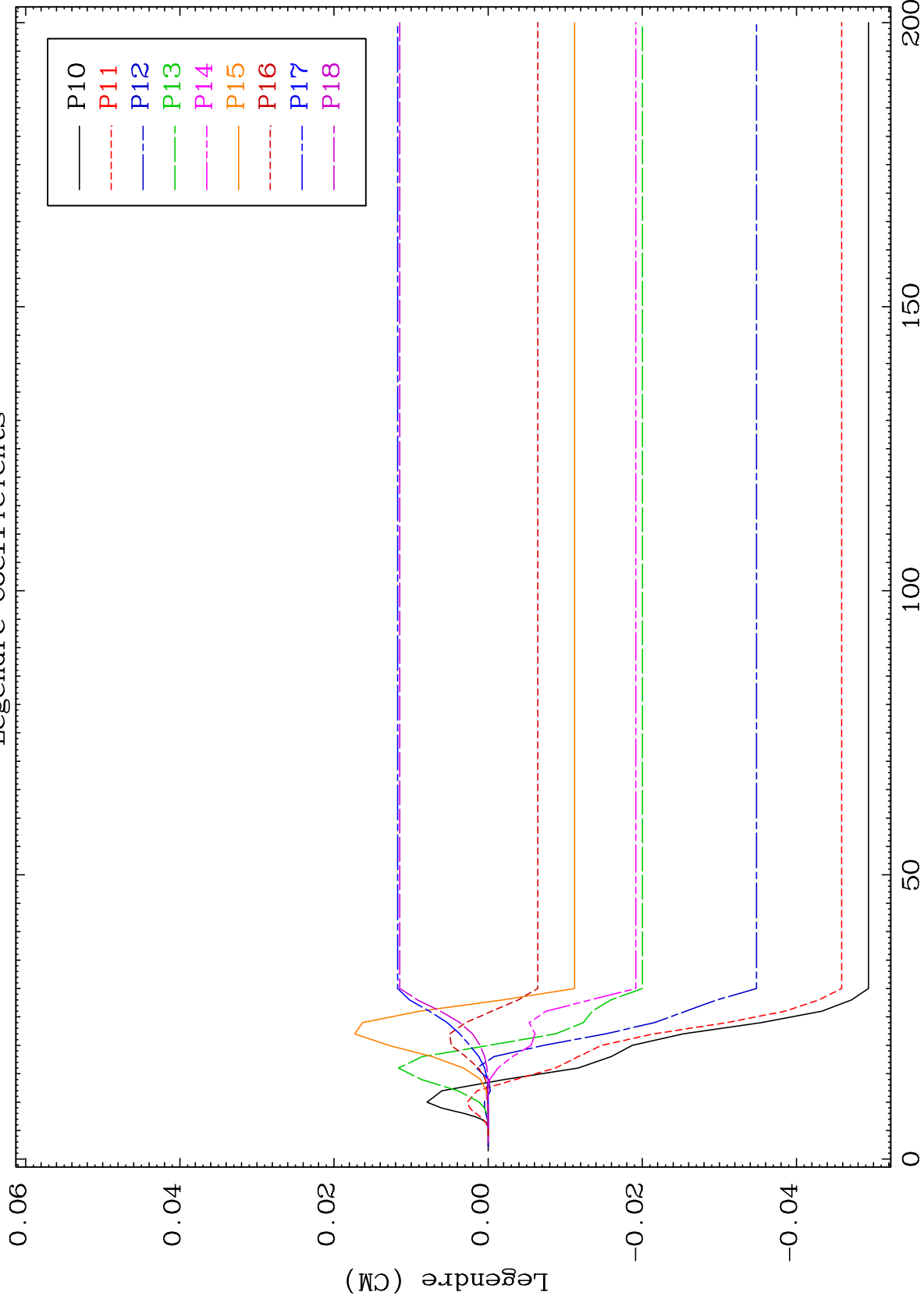
Legendre Coefficients



MAT 5495

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

55-Cs-123



107

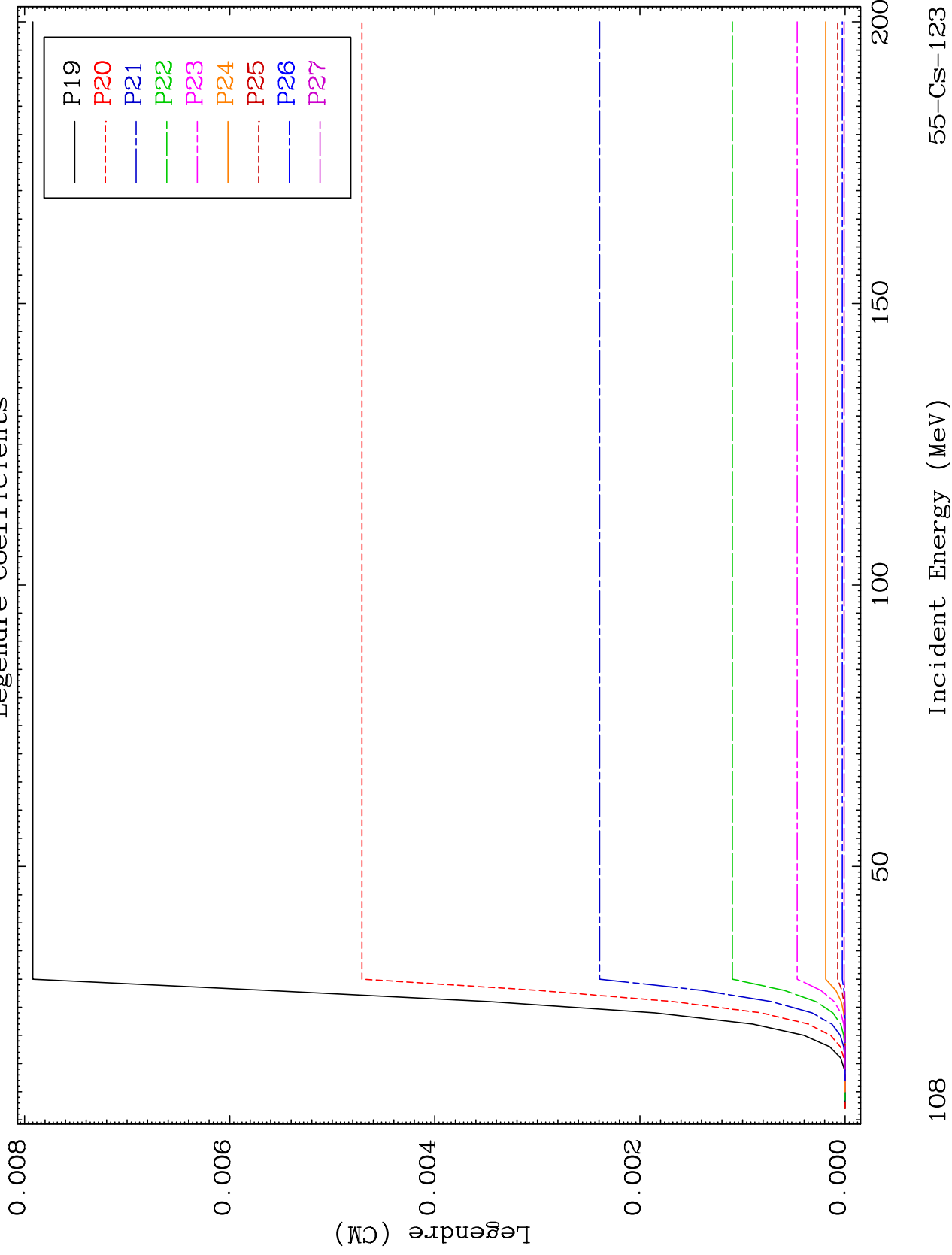
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



108

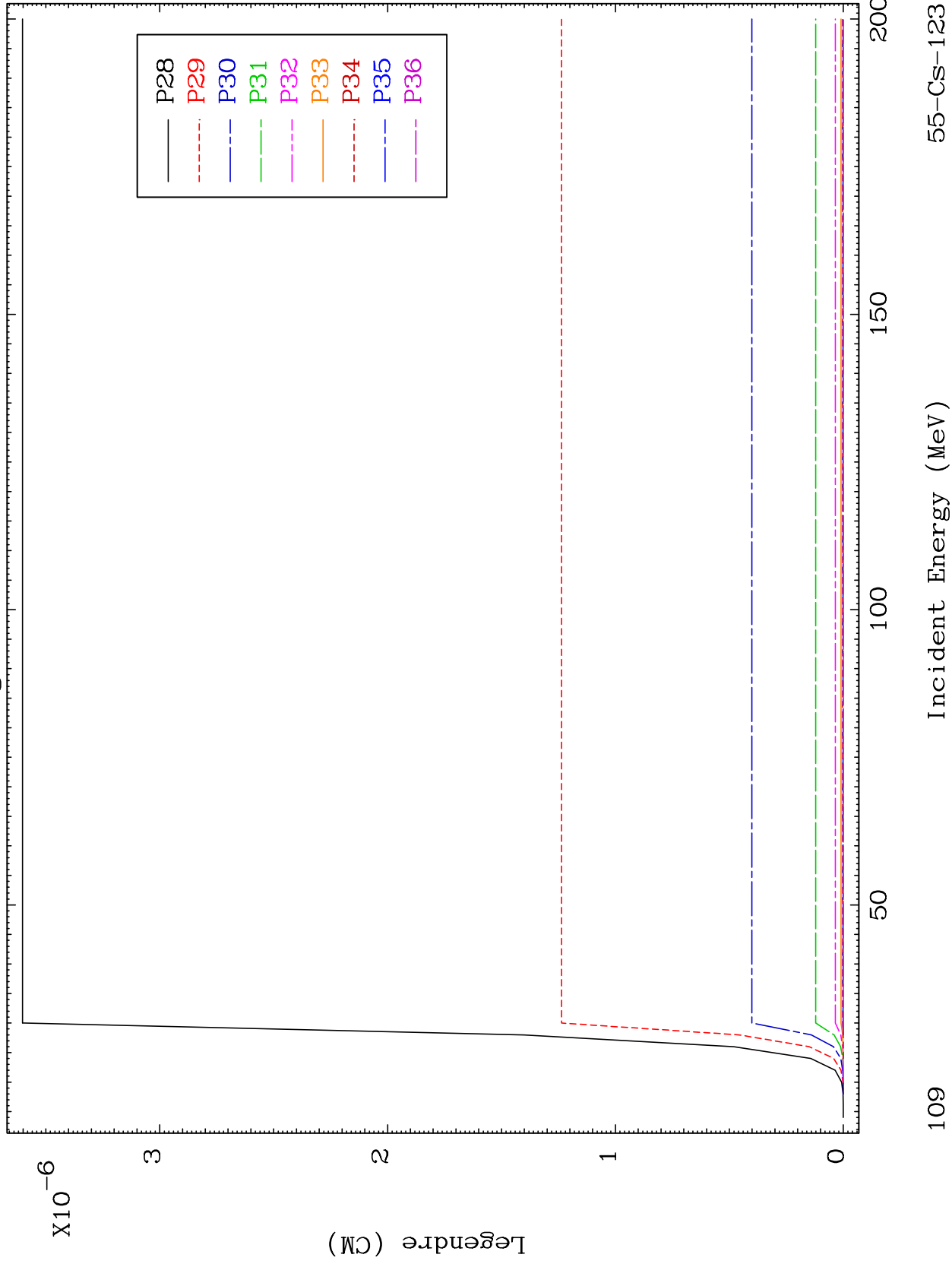
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123

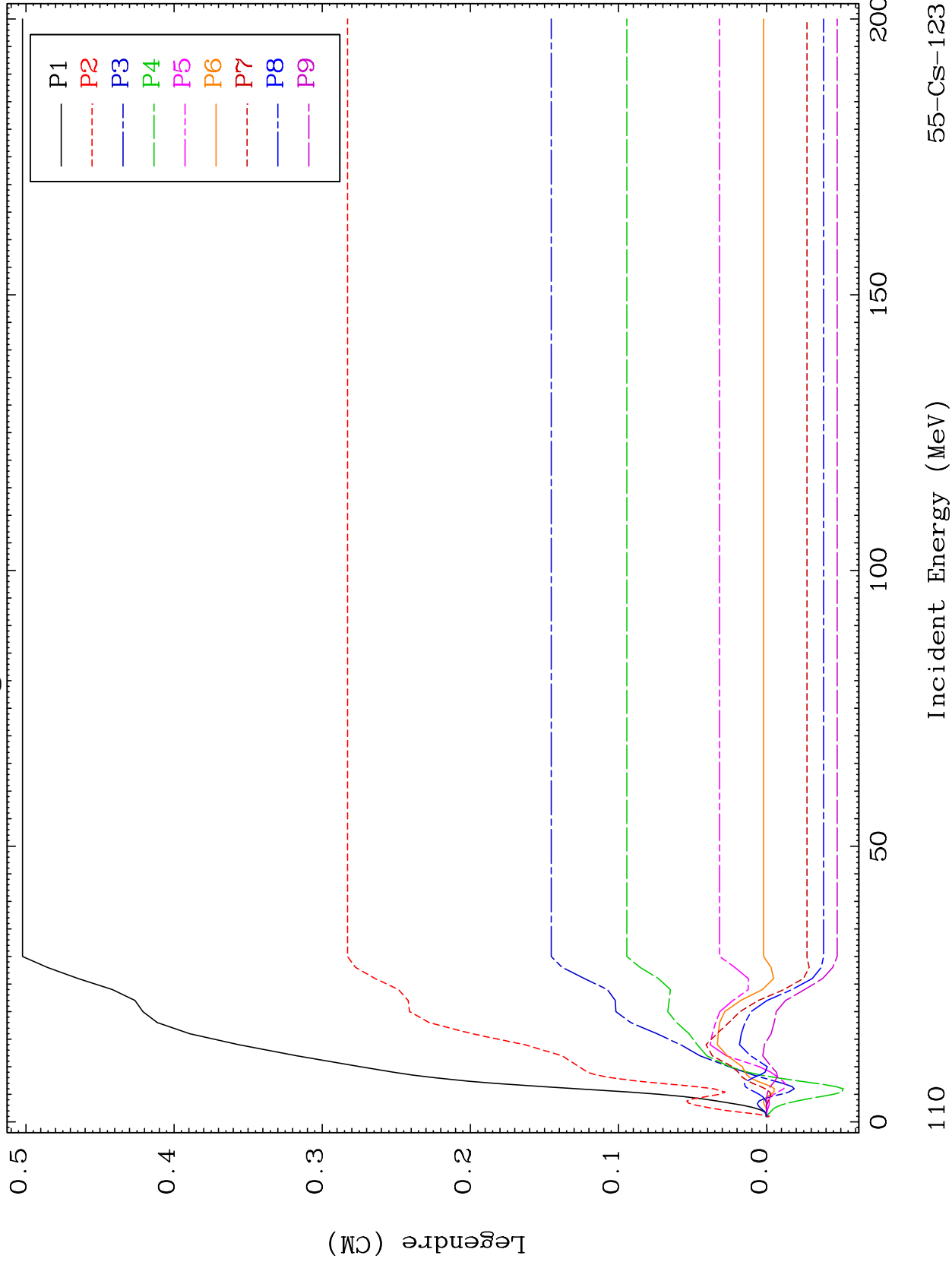


MAT 5495

MT= 74 (n,n') Level

55-Cs-123

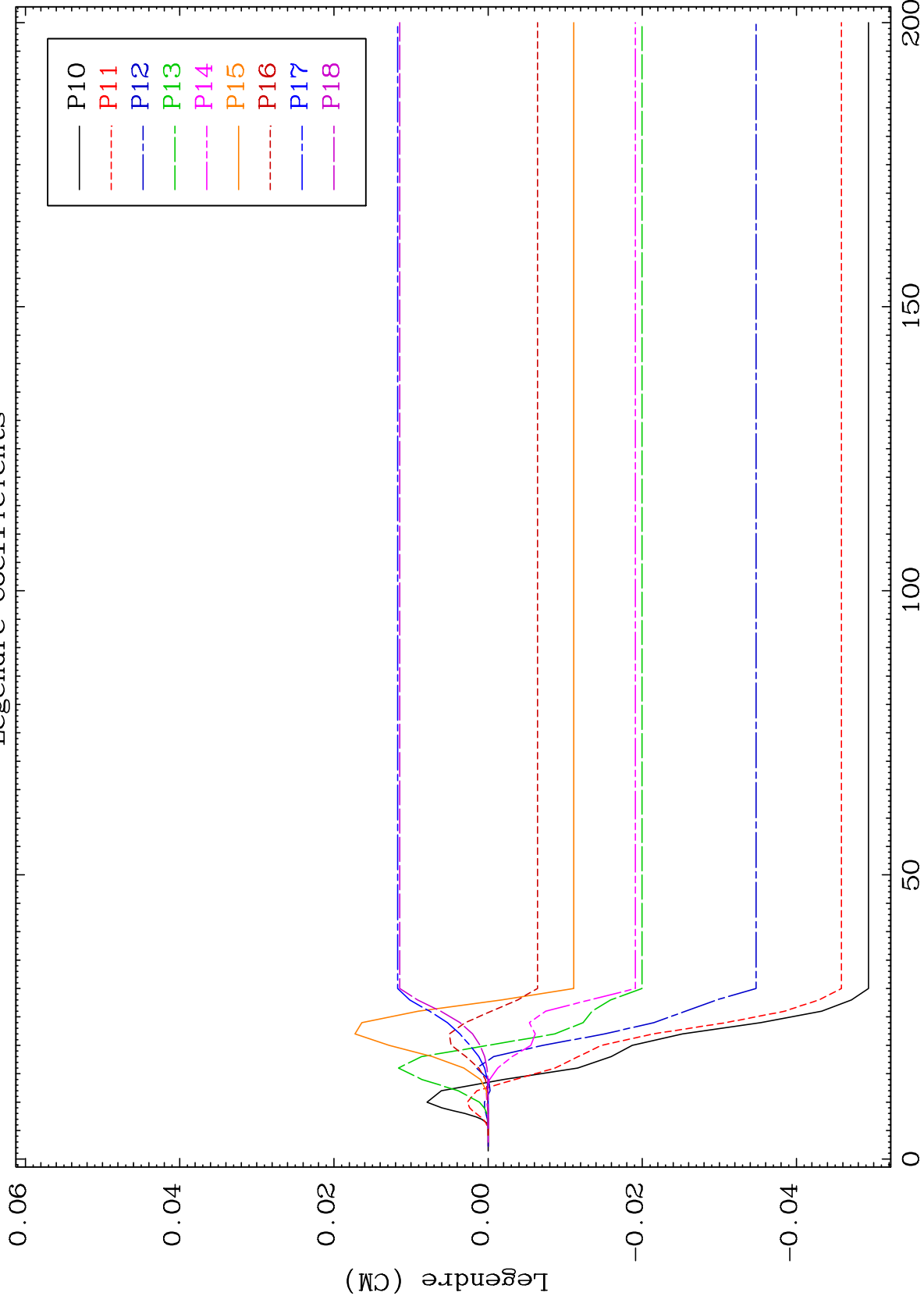
Legendre Coefficients



MAT 5495

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

55-Cs-123



111

Incident Energy (MeV)

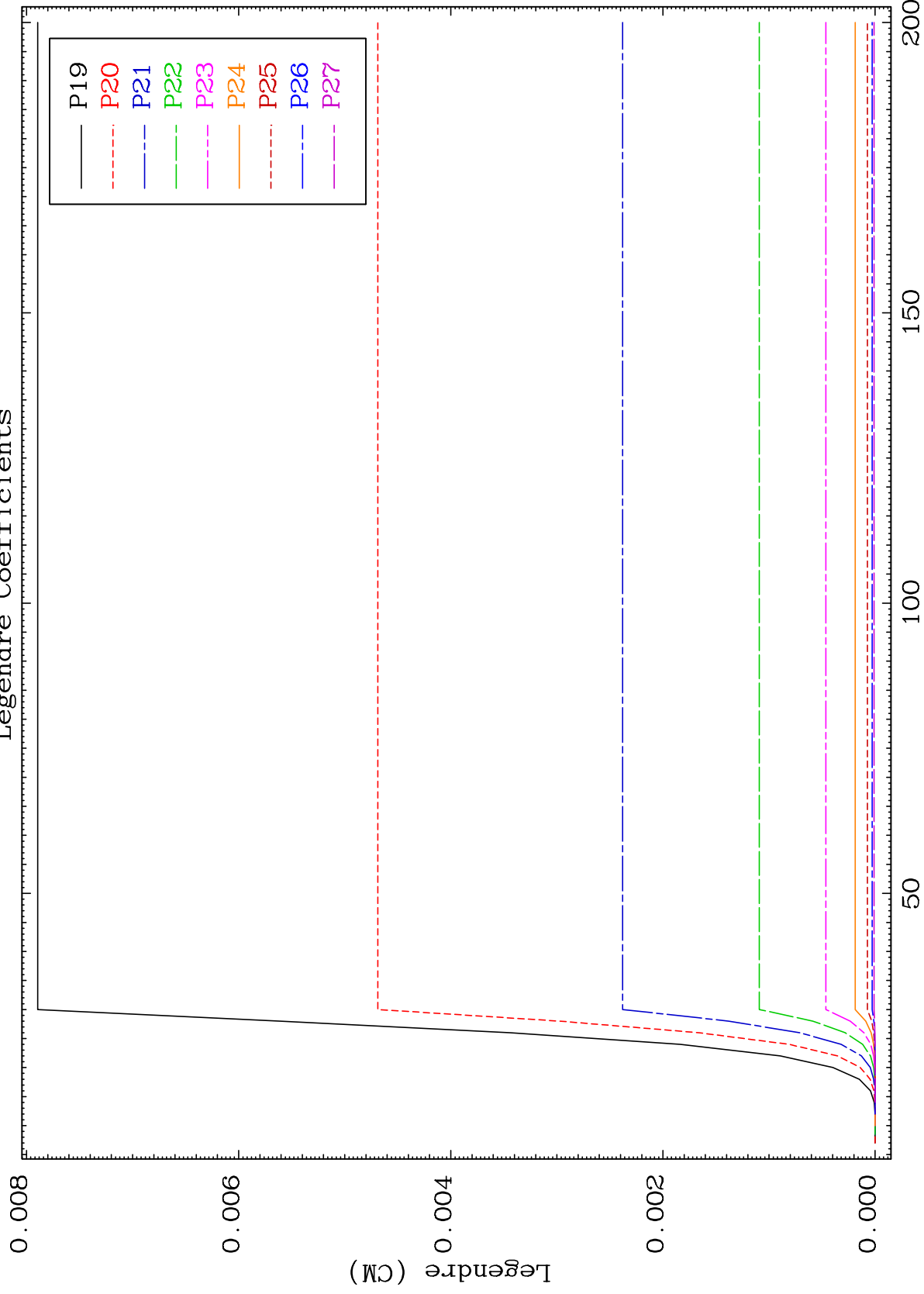
55-Cs-123



MAT 5495

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

55-Cs-123



112

Incident Energy (MeV)

55-Cs-123

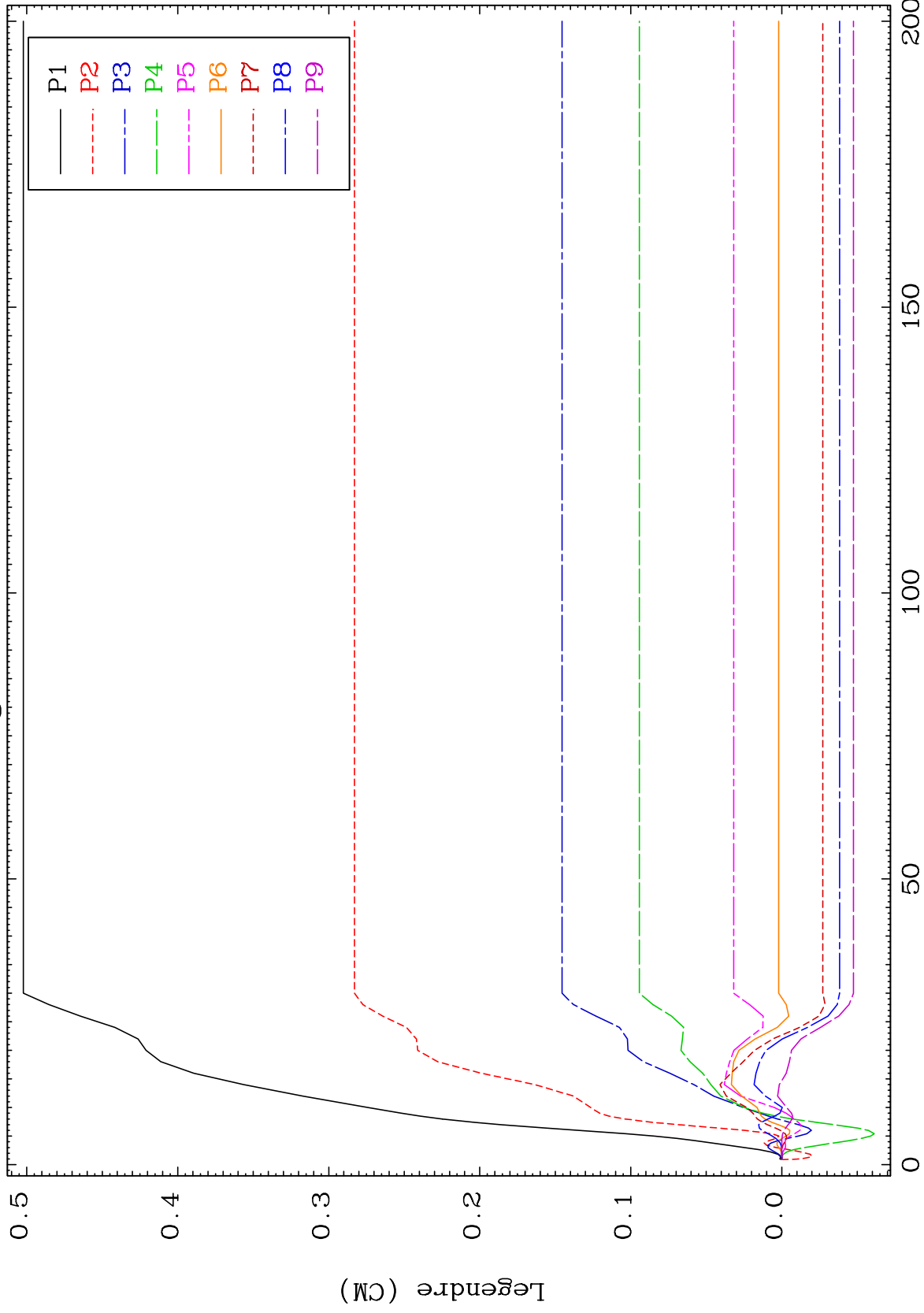


MAT 5495

MT= 75 (n,n') Level

55-Cs-123

Legendre Coefficients



114

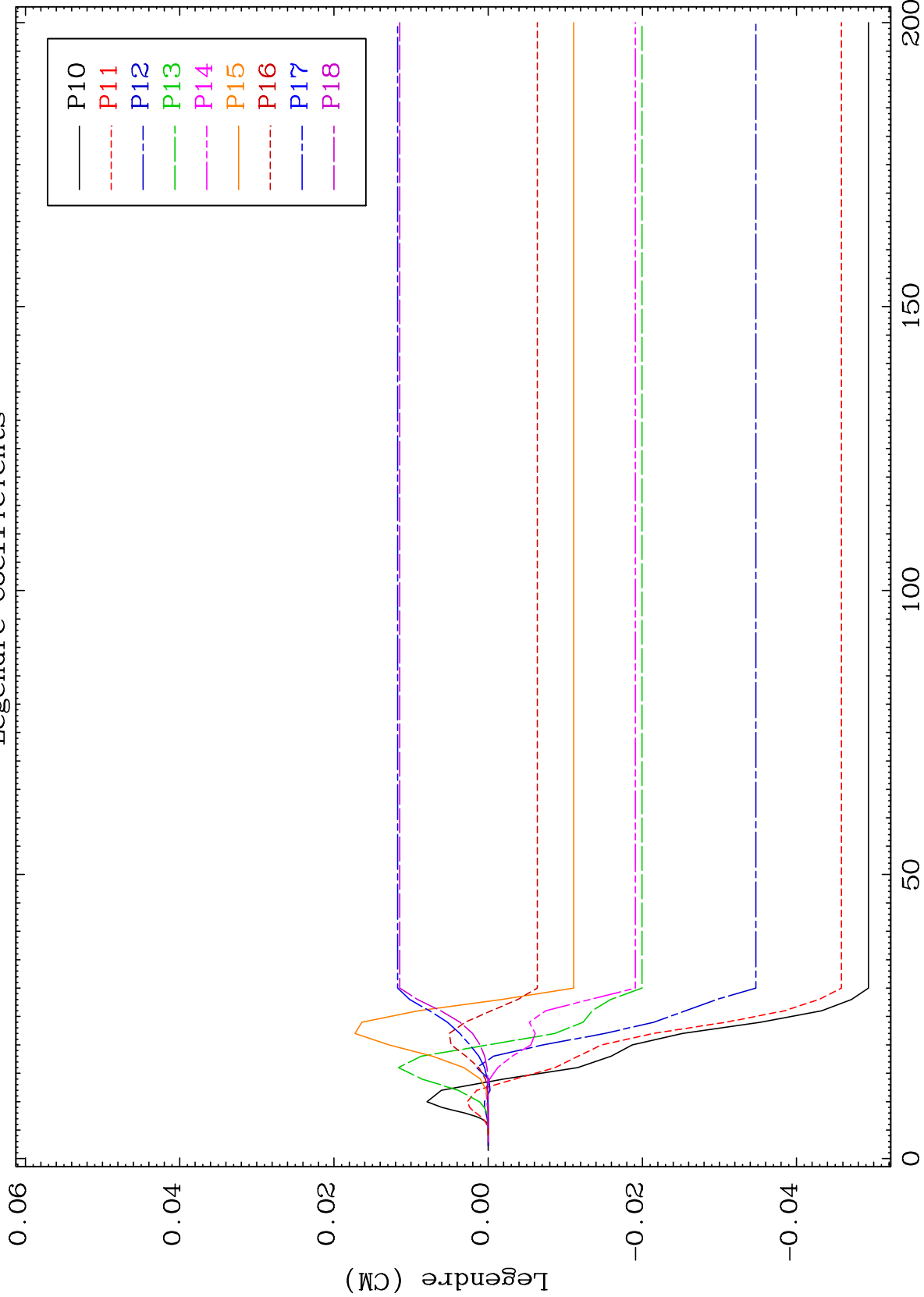
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



115

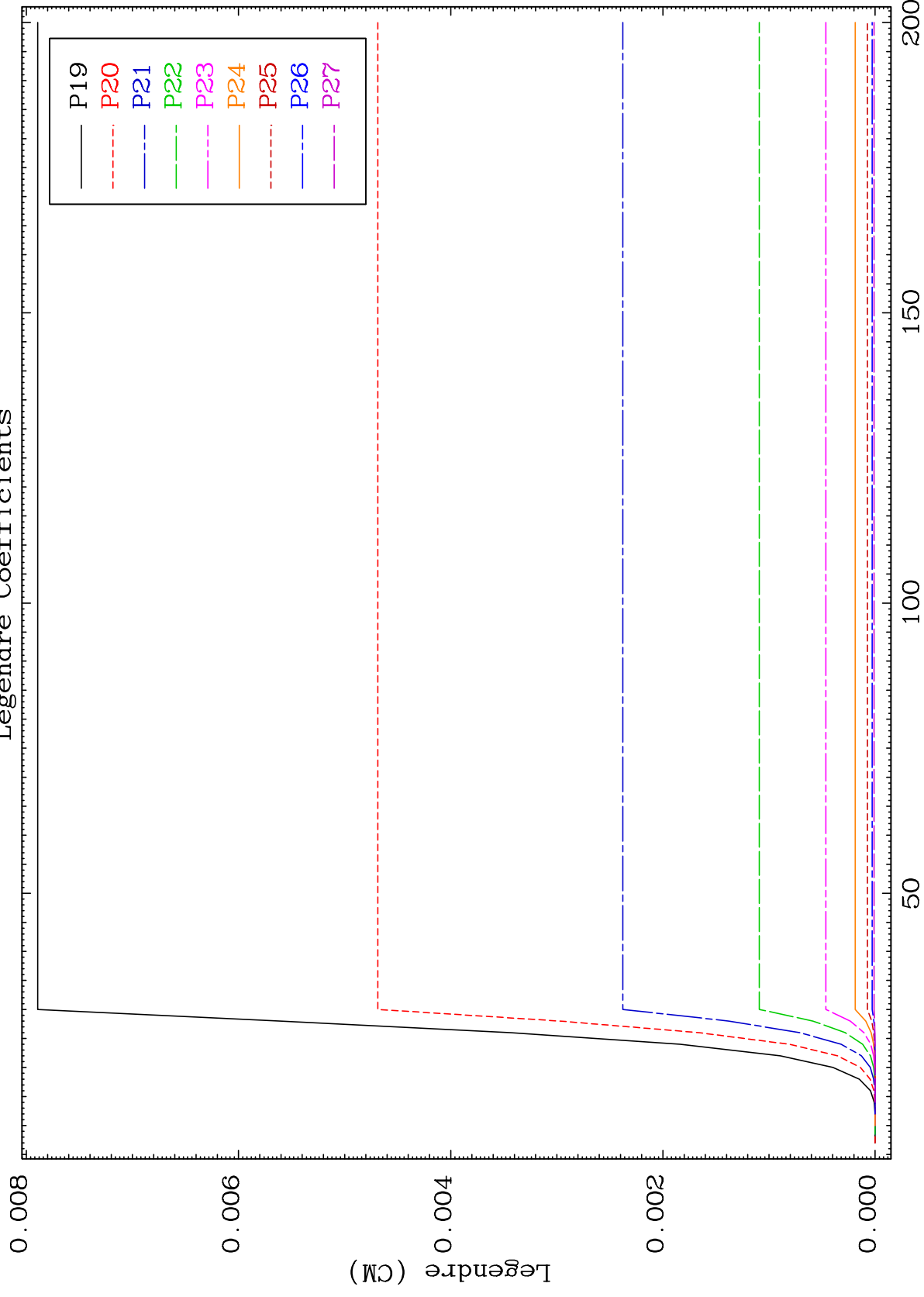
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



116

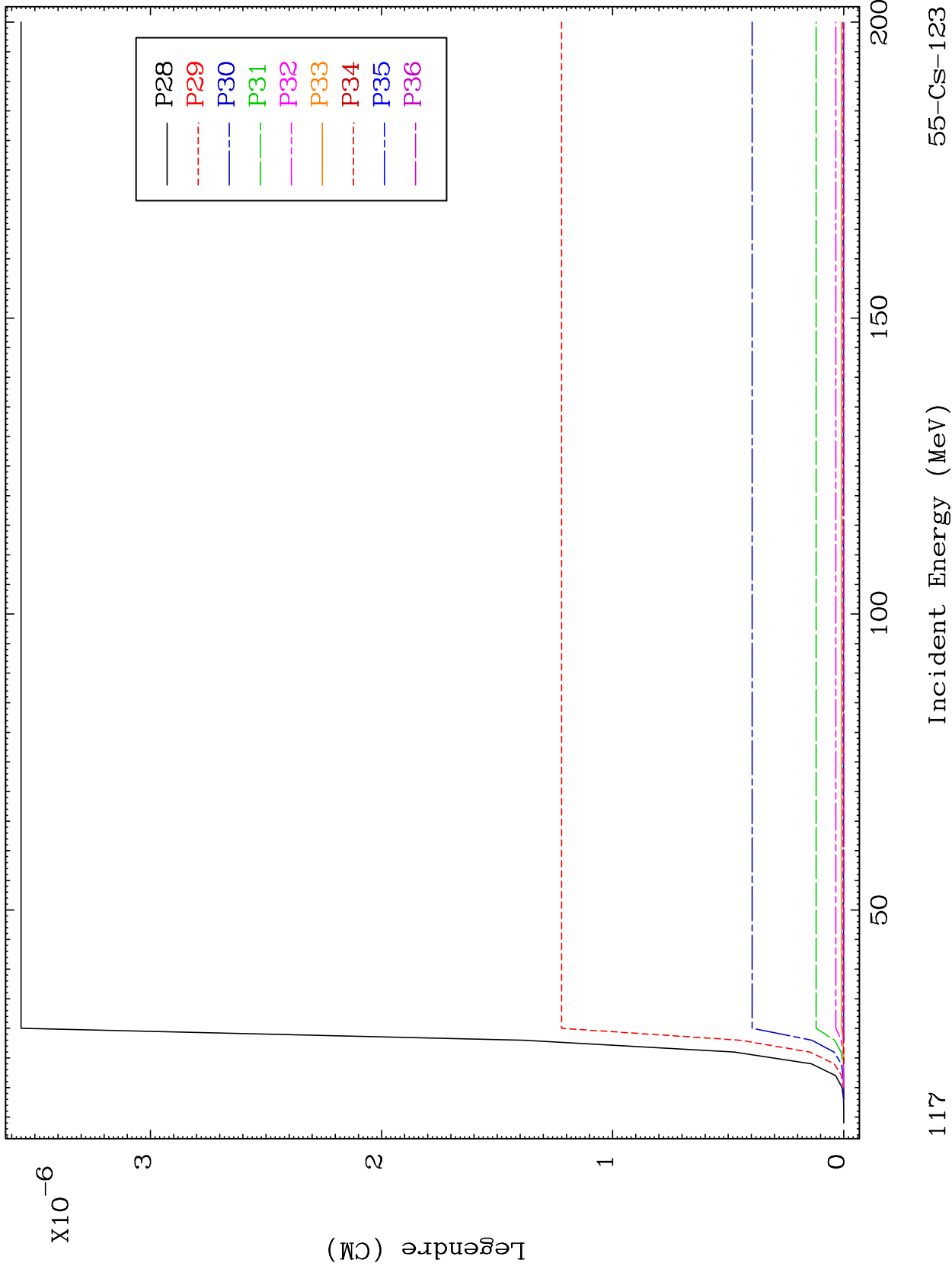
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



117

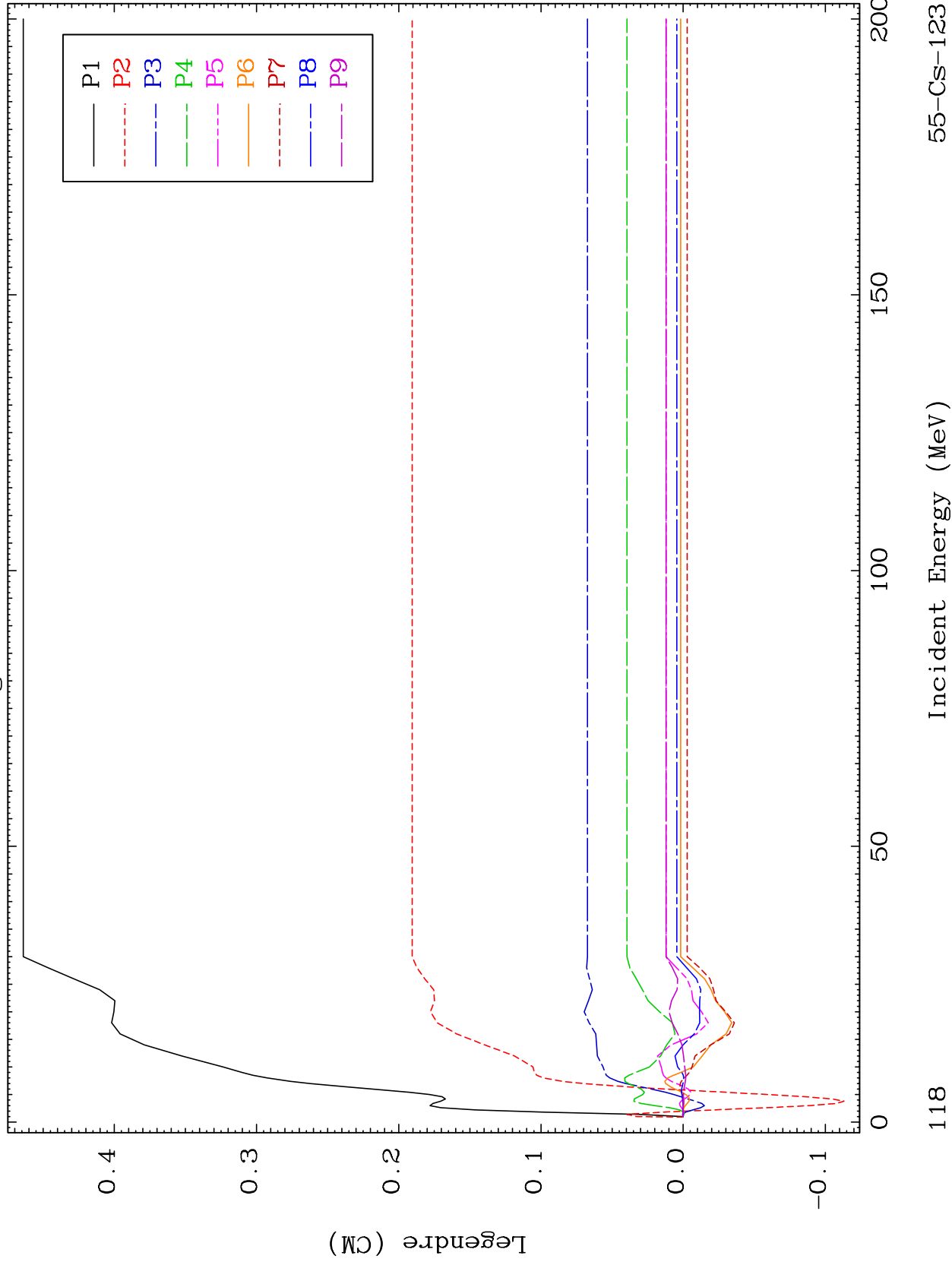
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

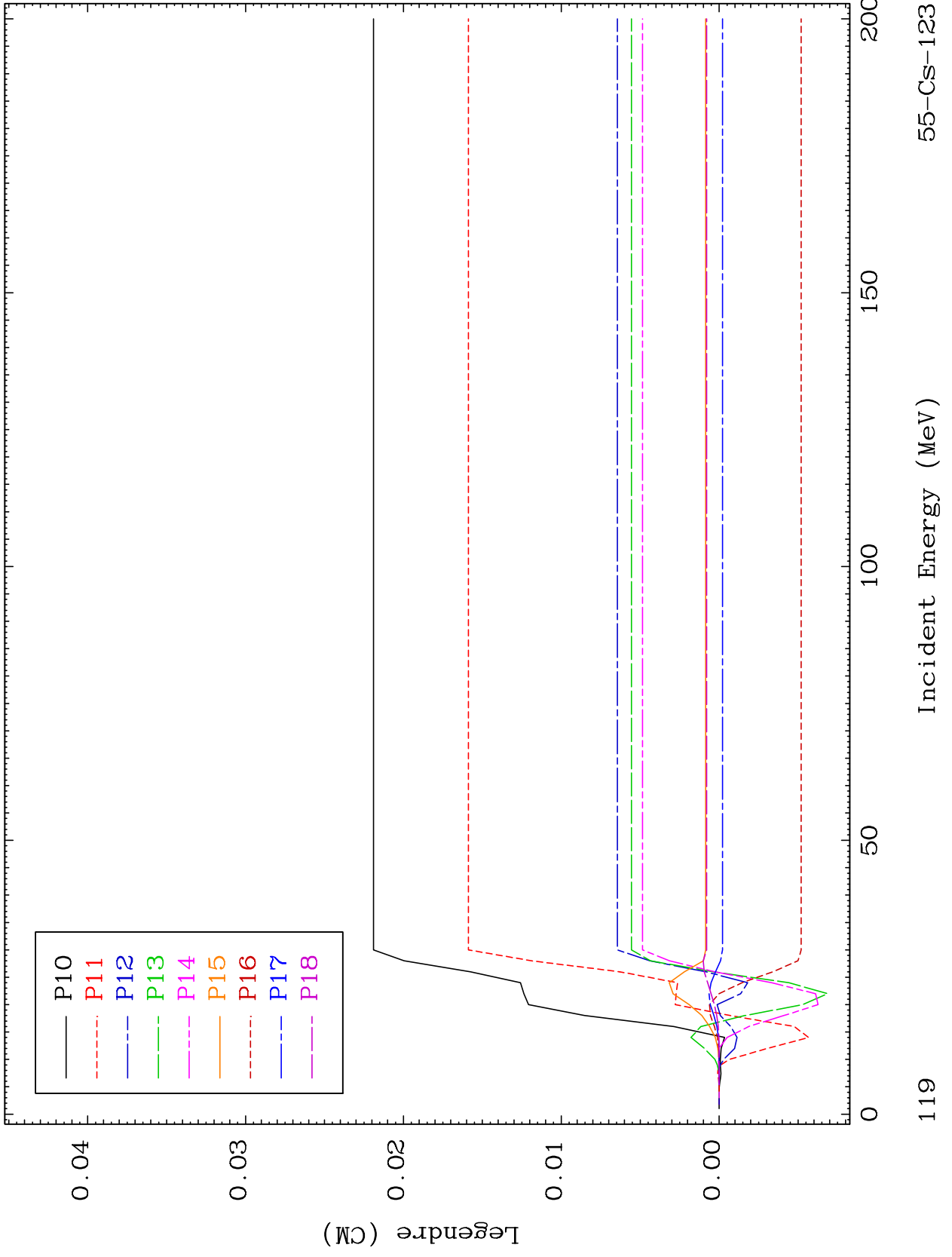
55-Cs-123



MAT 5495

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

55-Cs-123



119

Incident Energy (MeV)

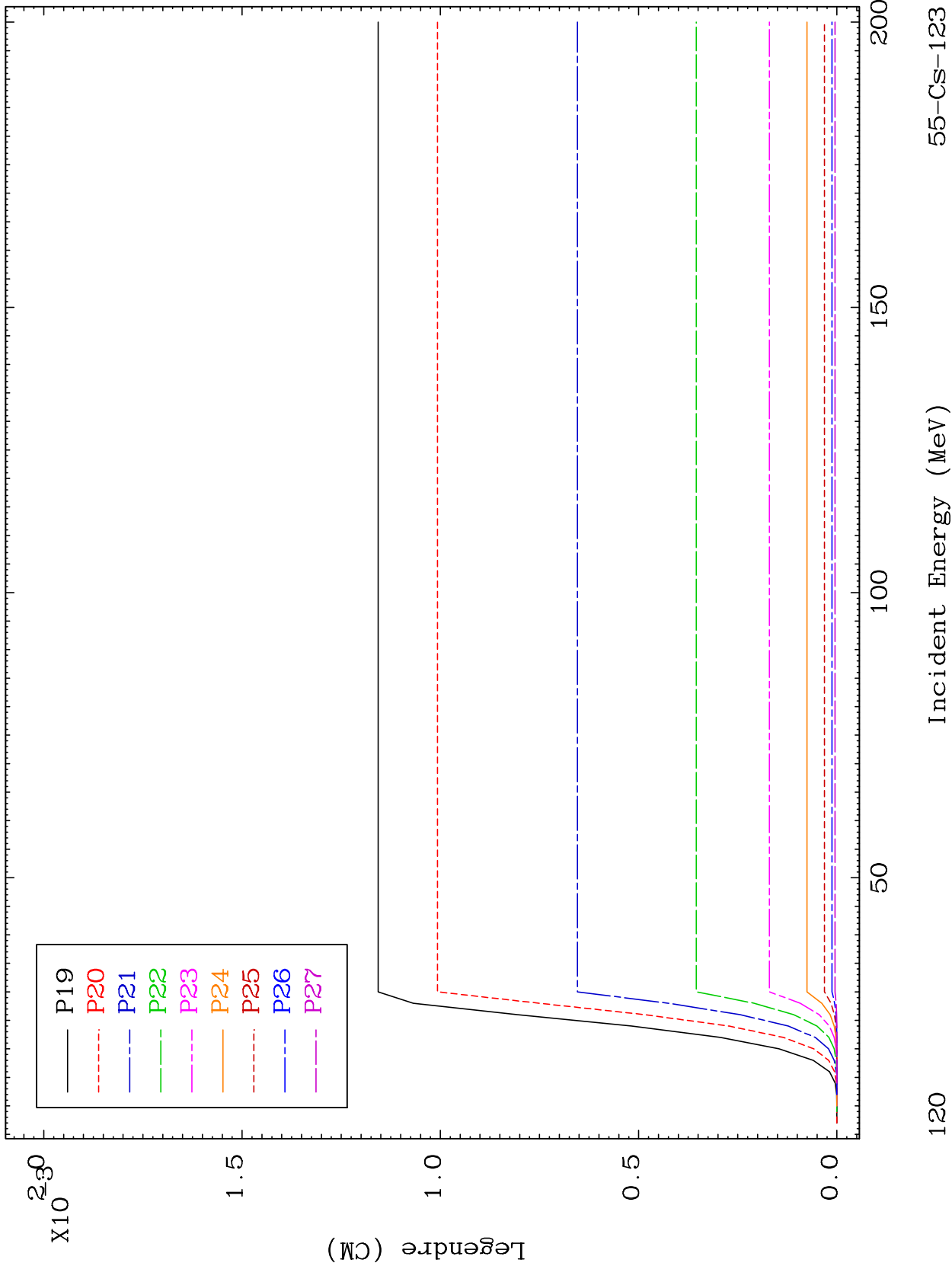
55-Cs-123



MAT 5495

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

55-Cs-123

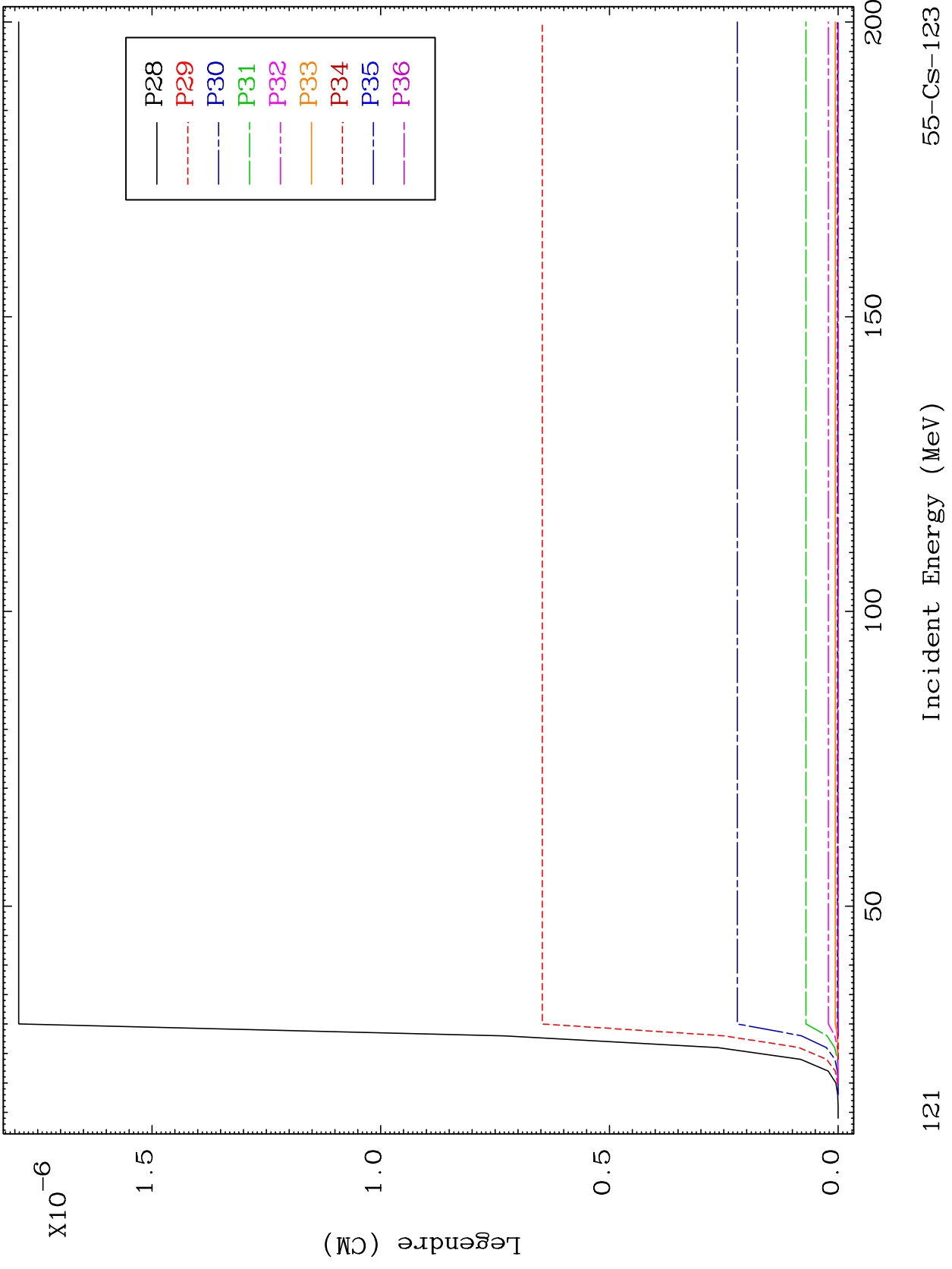


55-Cs-123

MAT 5495

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

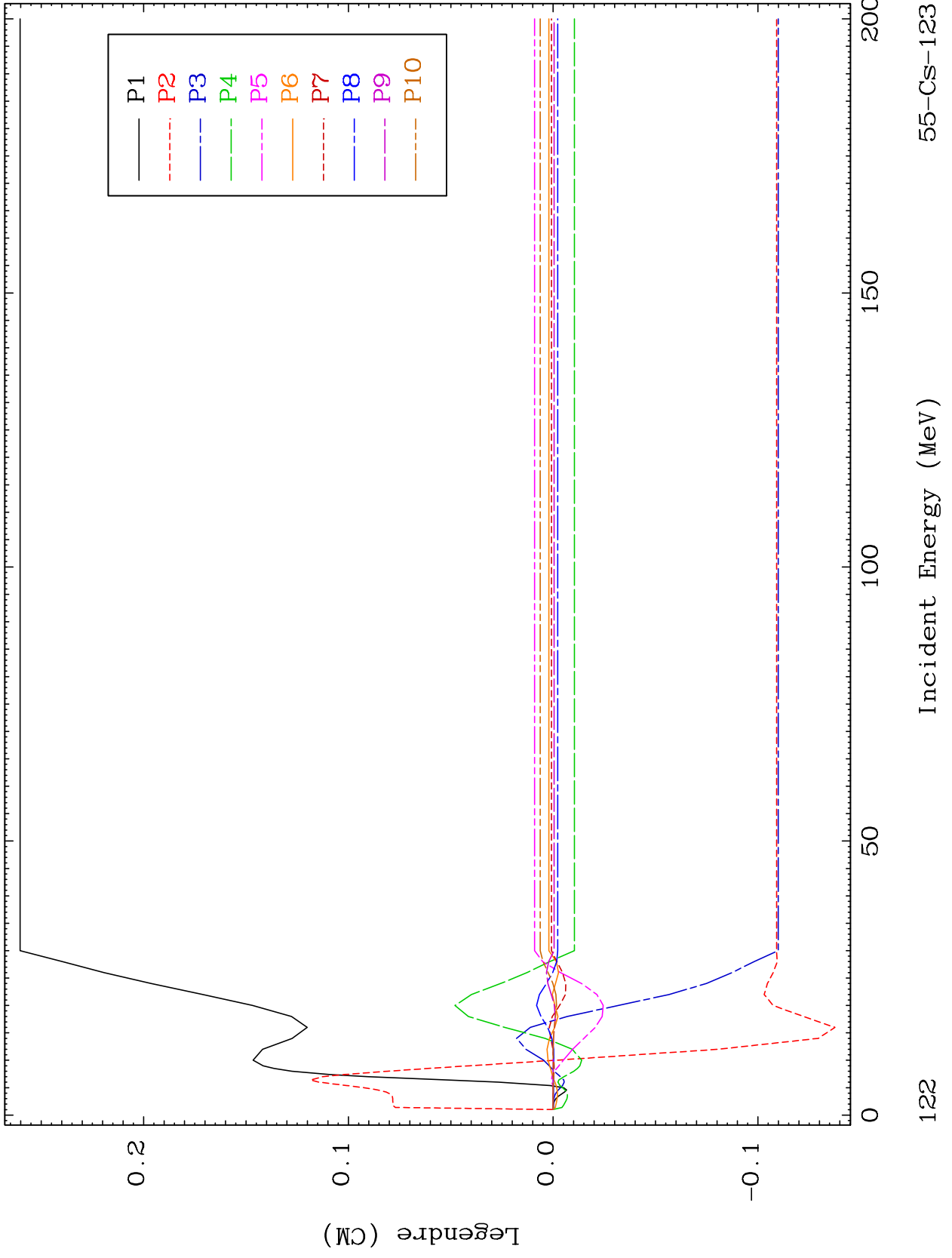
55-Cs-123



MAT 5495

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

55-Cs-123



55-Cs-123

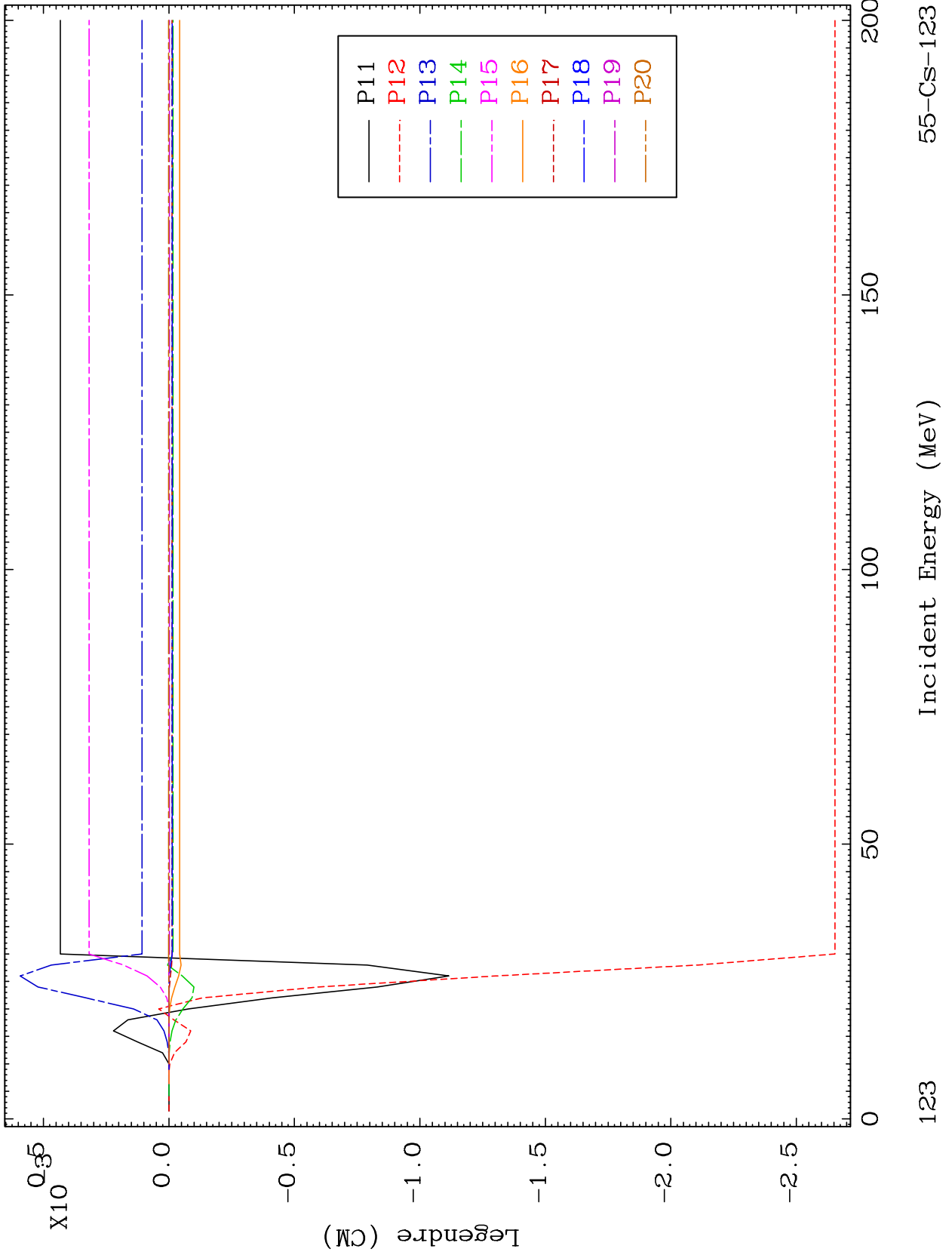
Incident Energy (MeV)

122

MAT 5495

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

55-Cs-123



55-Cs-123

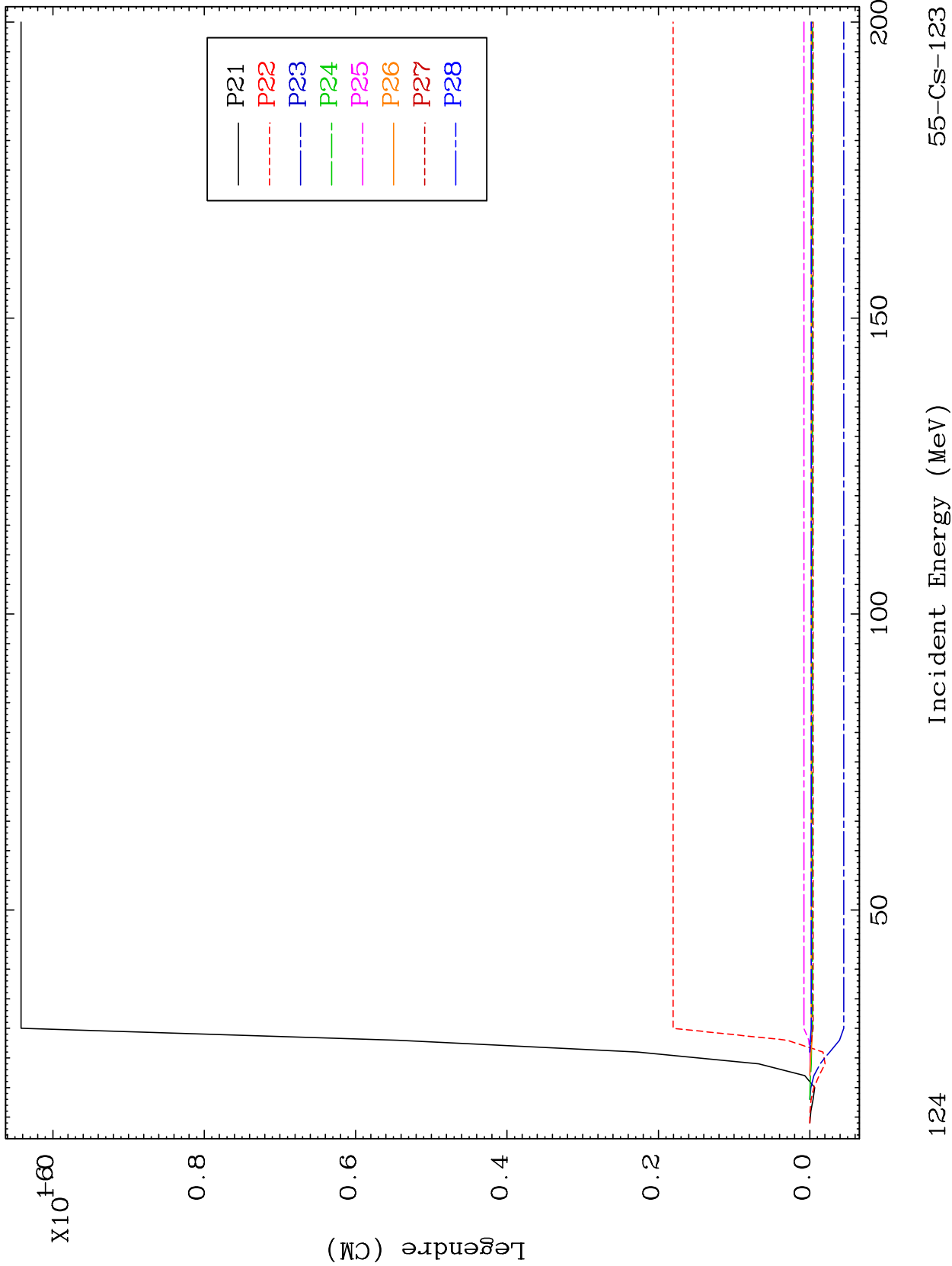
Incident Energy (MeV)

123

MAT 5495

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

55-Cs-123



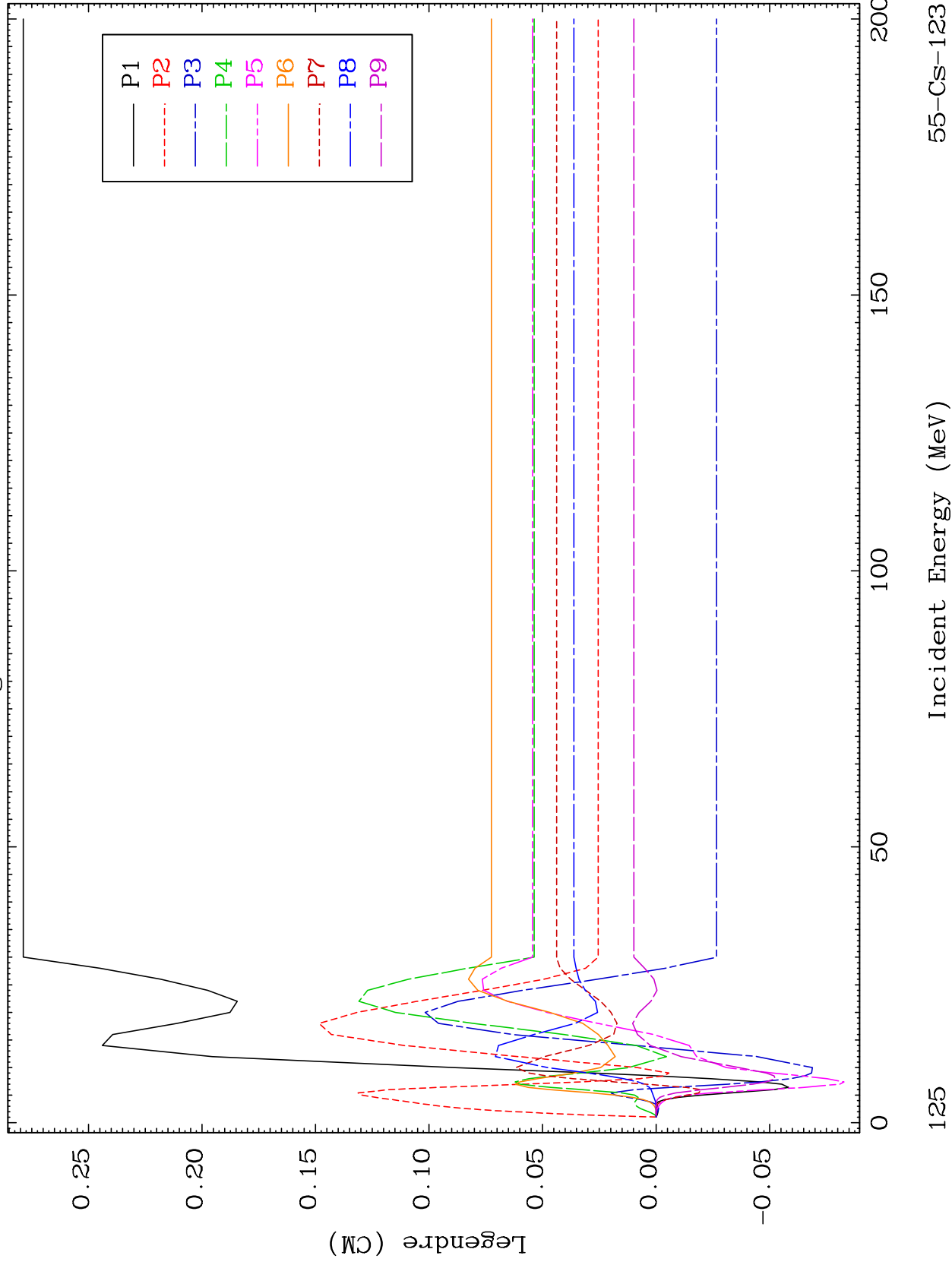
124

55-Cs-123

MAT 5495

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

55-Cs-123



55-Cs-123

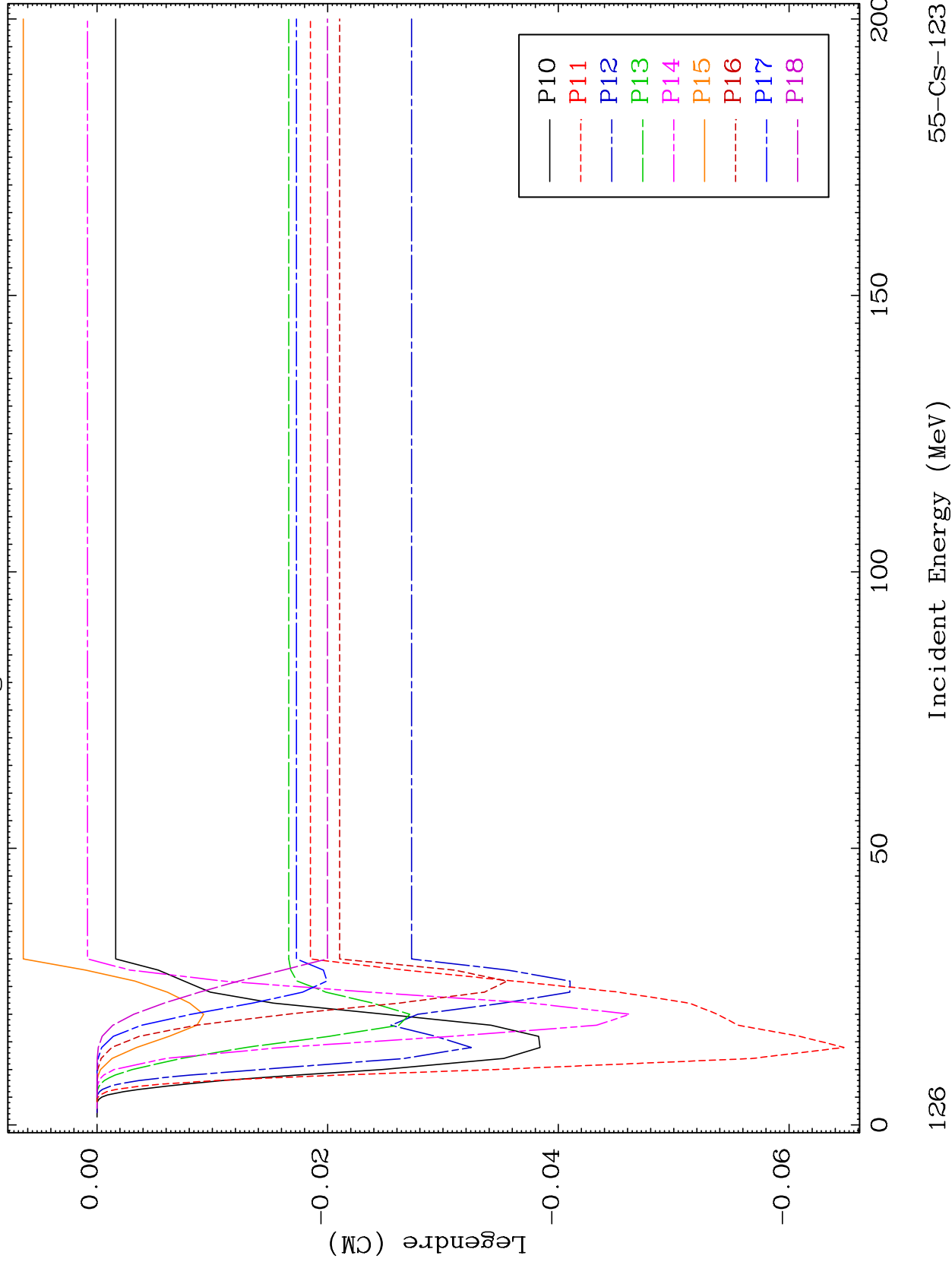
Incident Energy (MeV)

125

MAT 5495

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

55-Cs-123



55-Cs-123

Incident Energy (MeV)

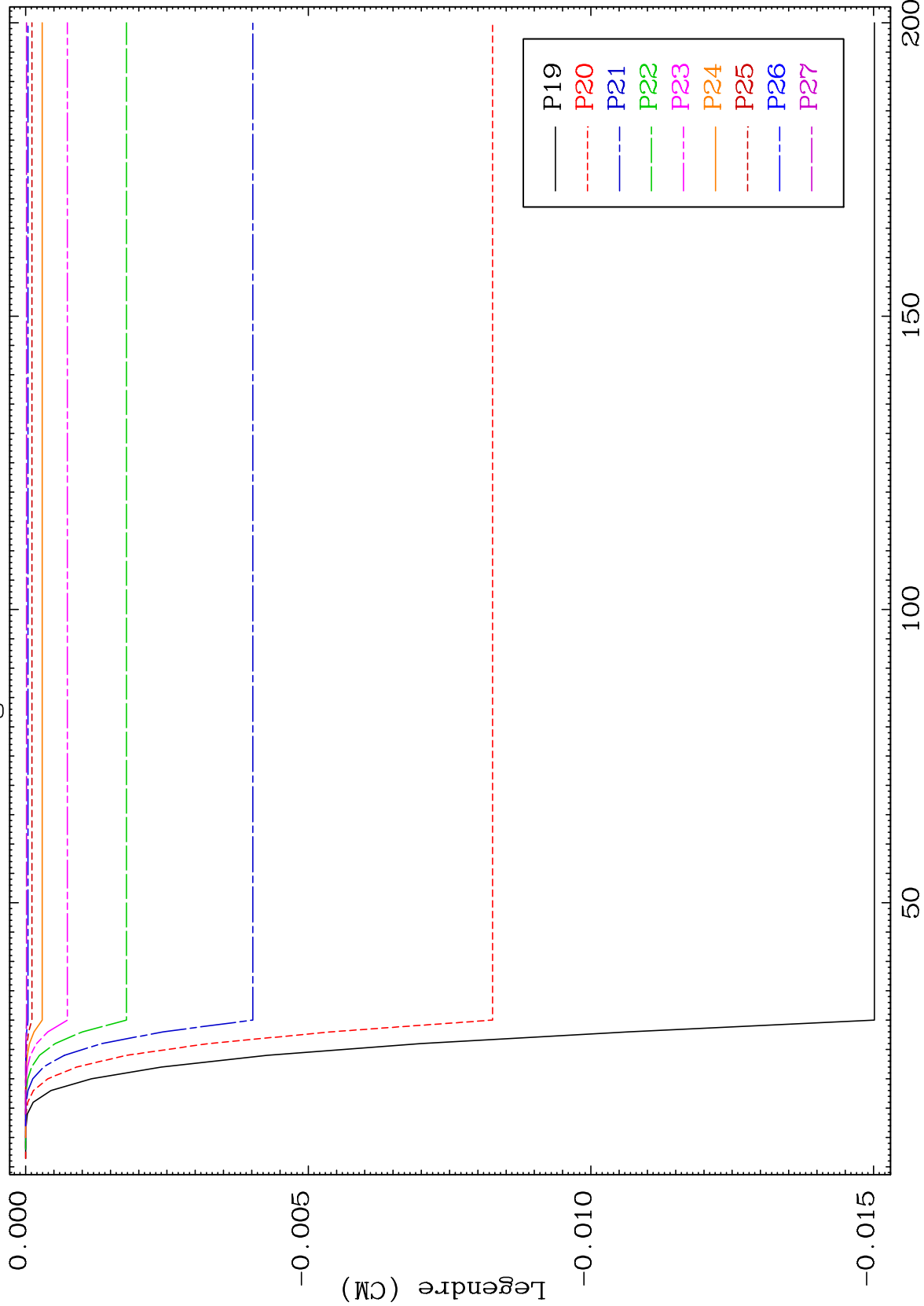
126

MAT 5495

MT= 78 (n,n') Level

55-Cs-123

Legendre Coefficients



55-Cs-123

Incident Energy (MeV)

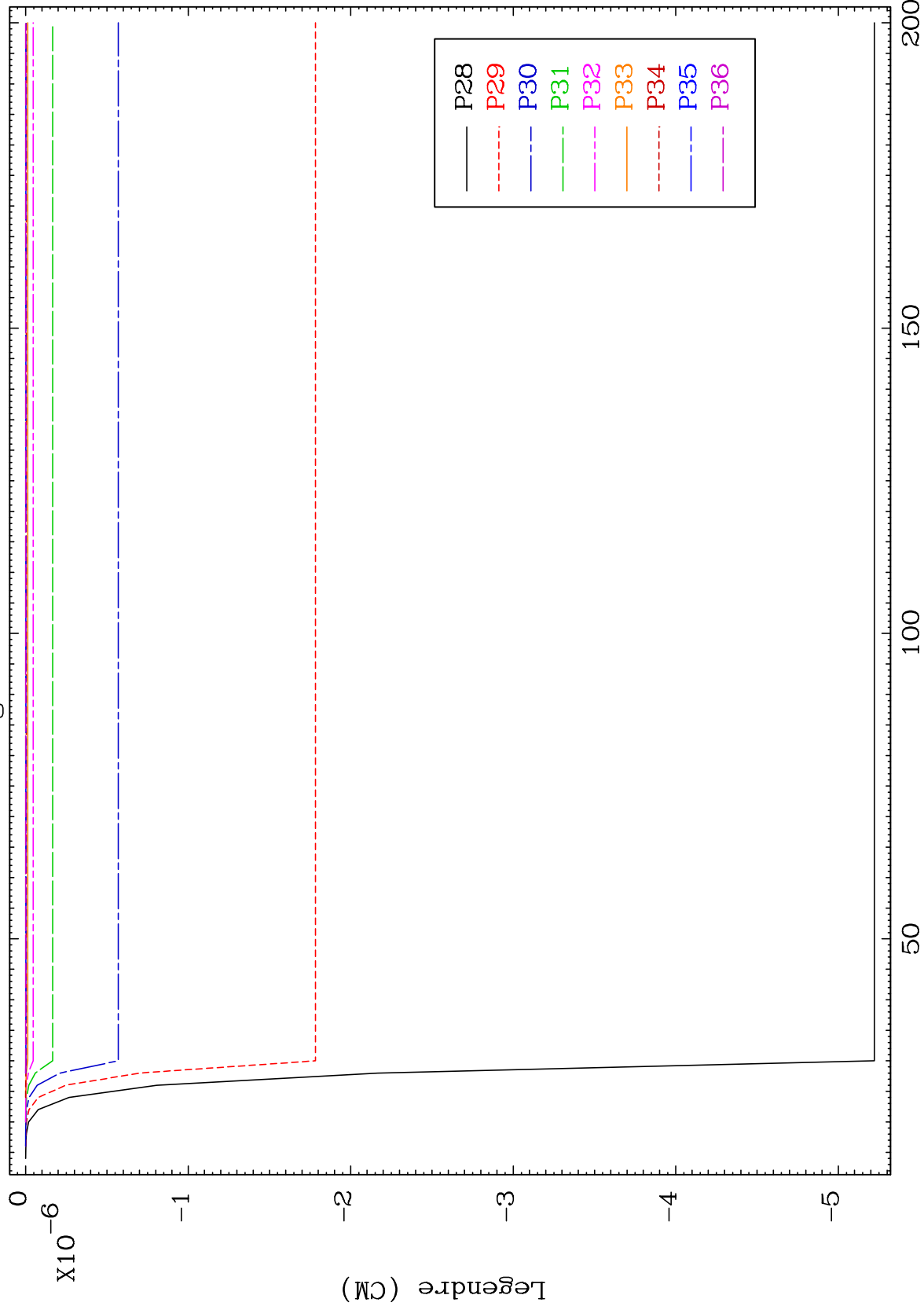
127



MAT 5495

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

55-Cs-123



128

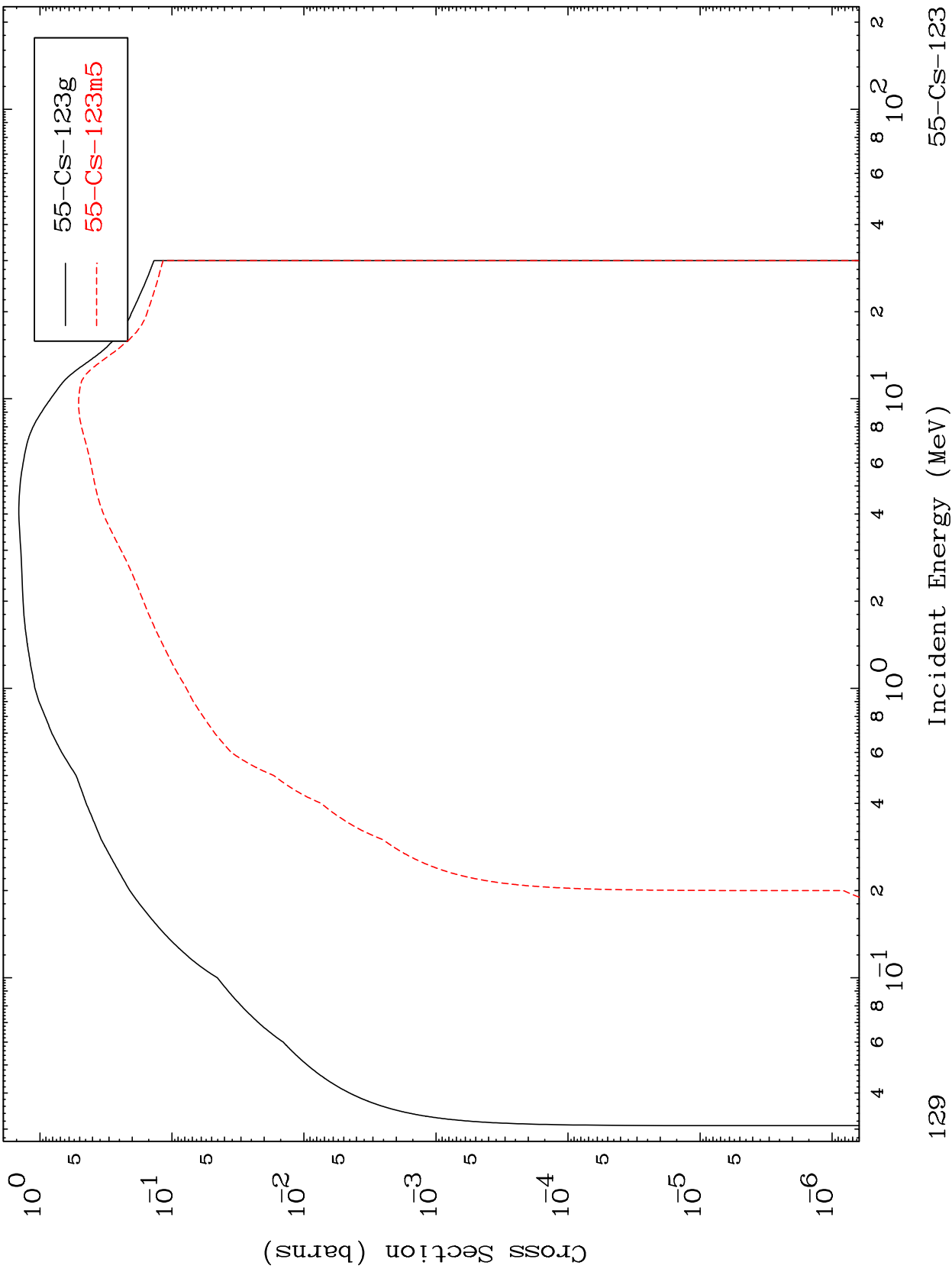
Incident Energy (MeV)

55-Cs-123

MAT 5495

55-Cs-123

Inelastic  
Radionuclide Production Cross Section



129

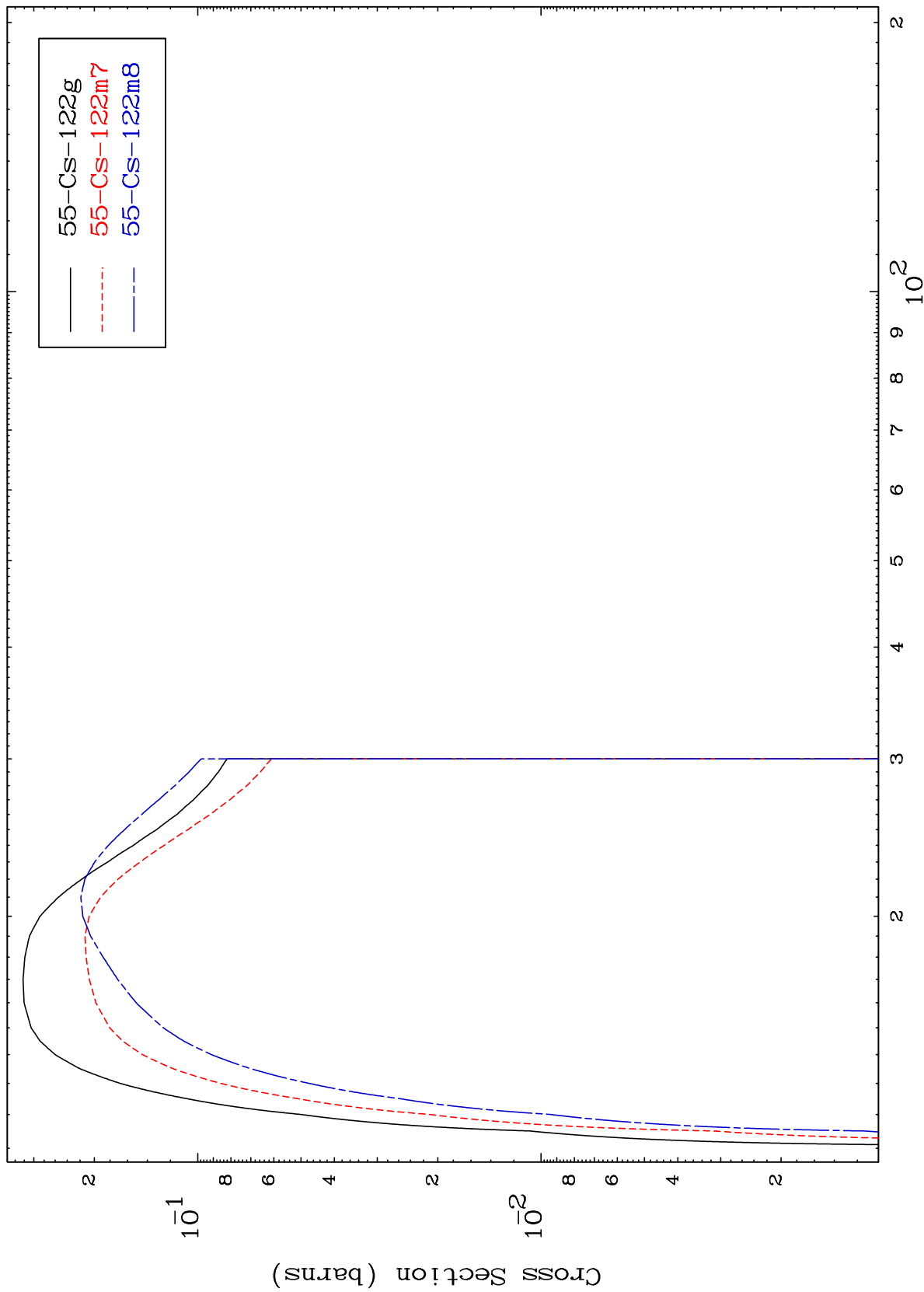
55-Cs-123

MAT 5495

55-Cs-123

(n,2n)

Radionuclide Production Cross Section



130

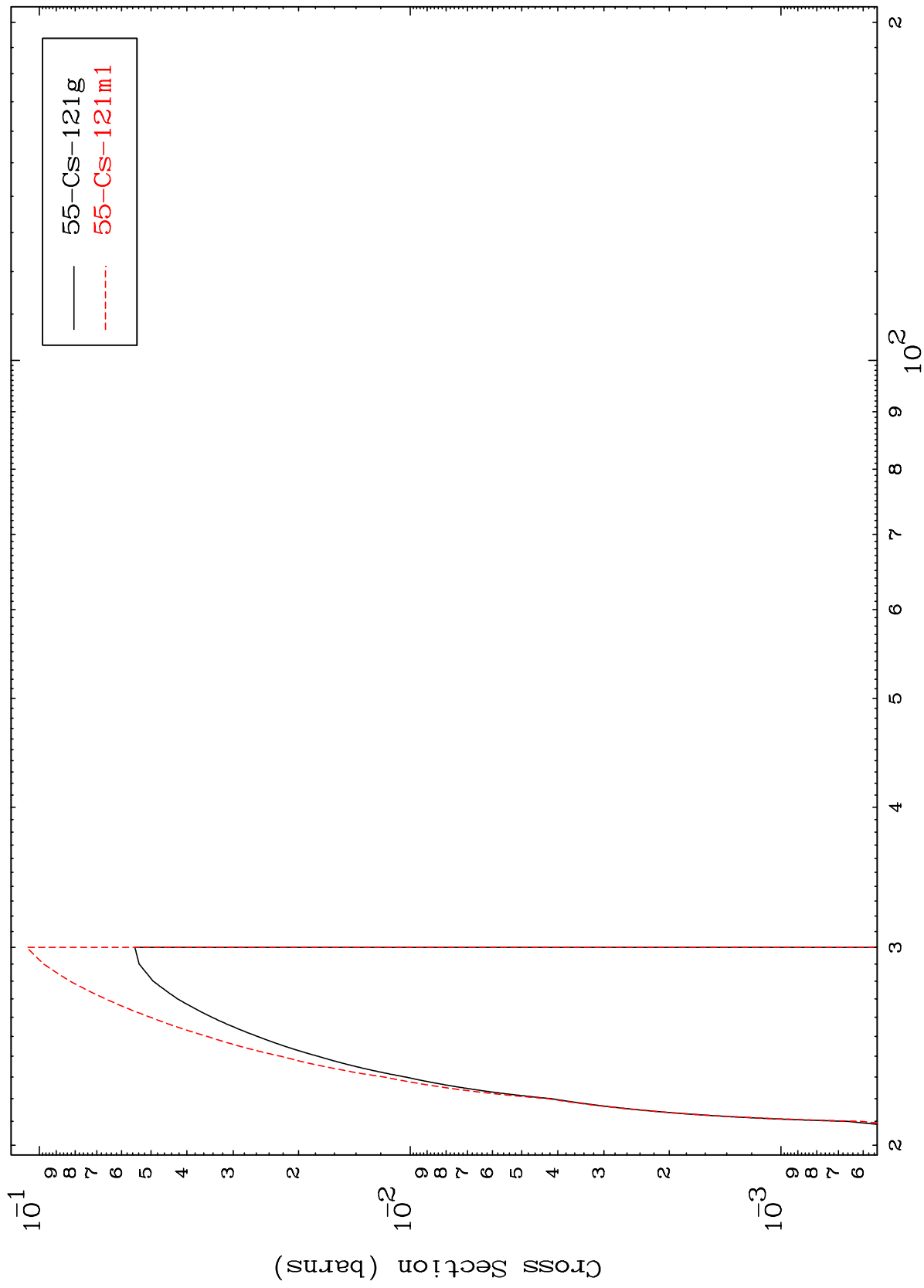
Incident Energy (MeV)

55-Cs-123

MAT 5495

55-Cs-123

(n,3n)  
Radionuclide Production Cross Section



55-Cs-123

Incident Energy (MeV)

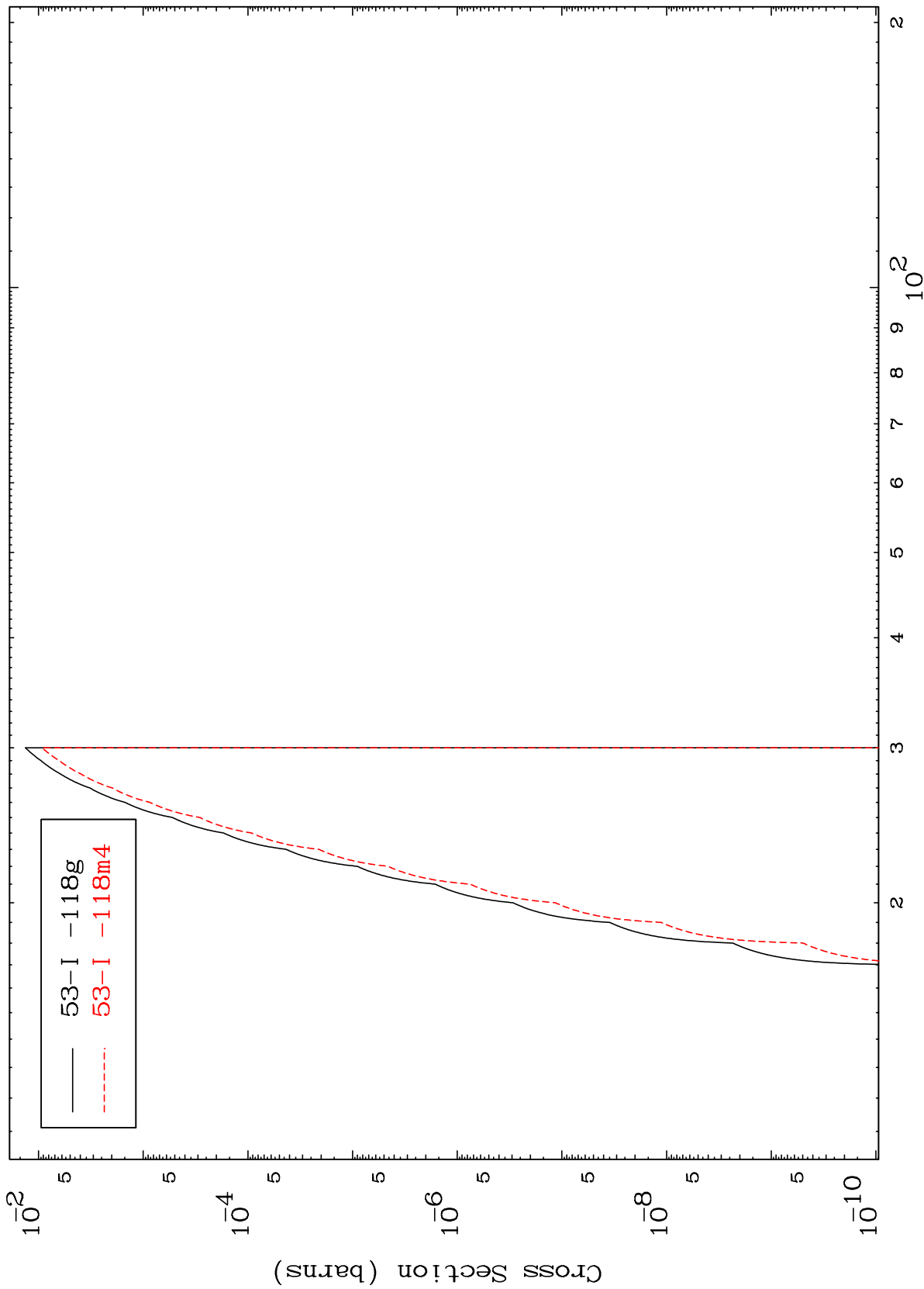
131

MAT 5495

(n,2n)  $\alpha$

55-Cs-123

Radionuclide Production Cross Section

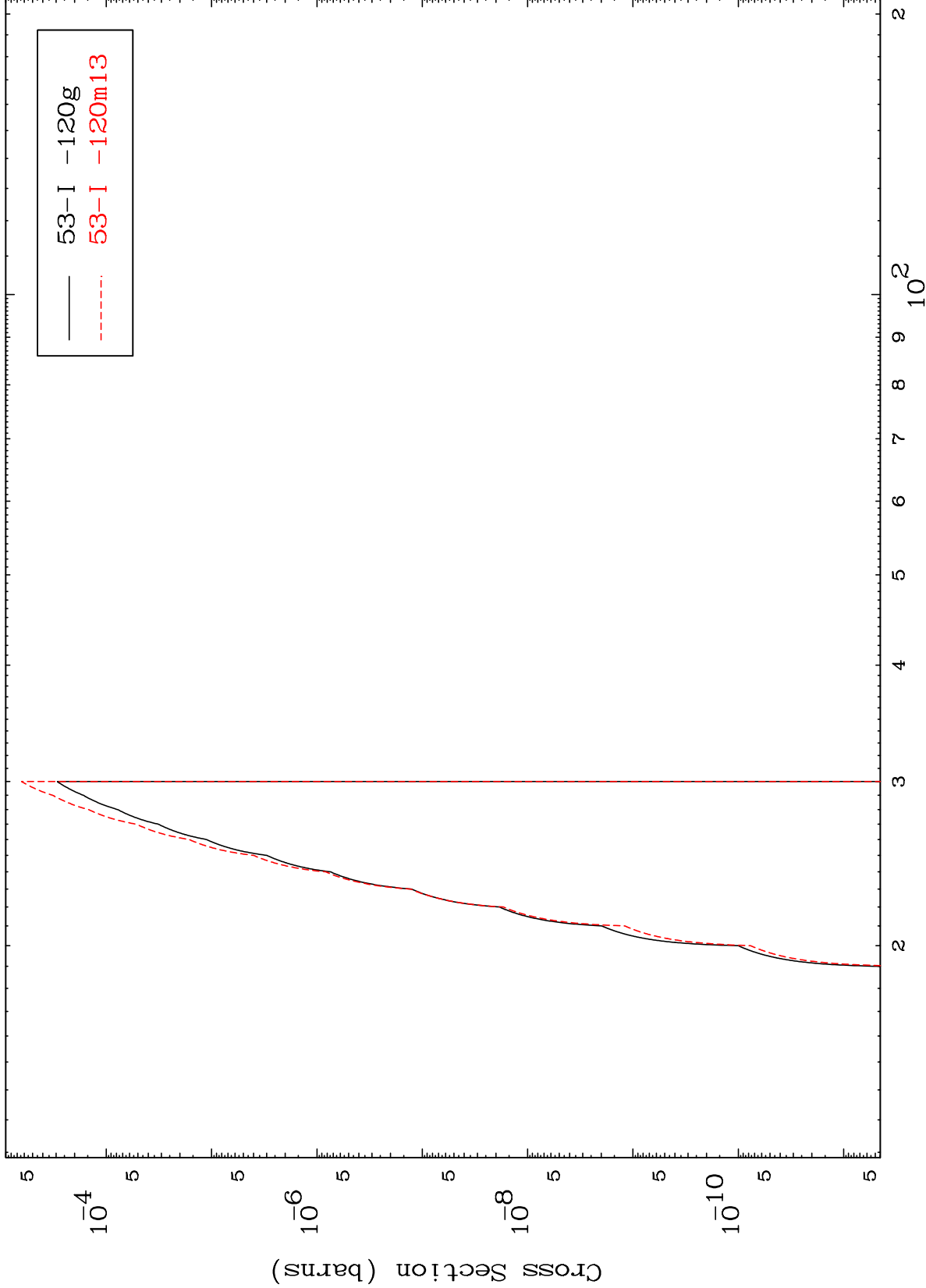


132

Incident Energy (MeV)

55-Cs-123

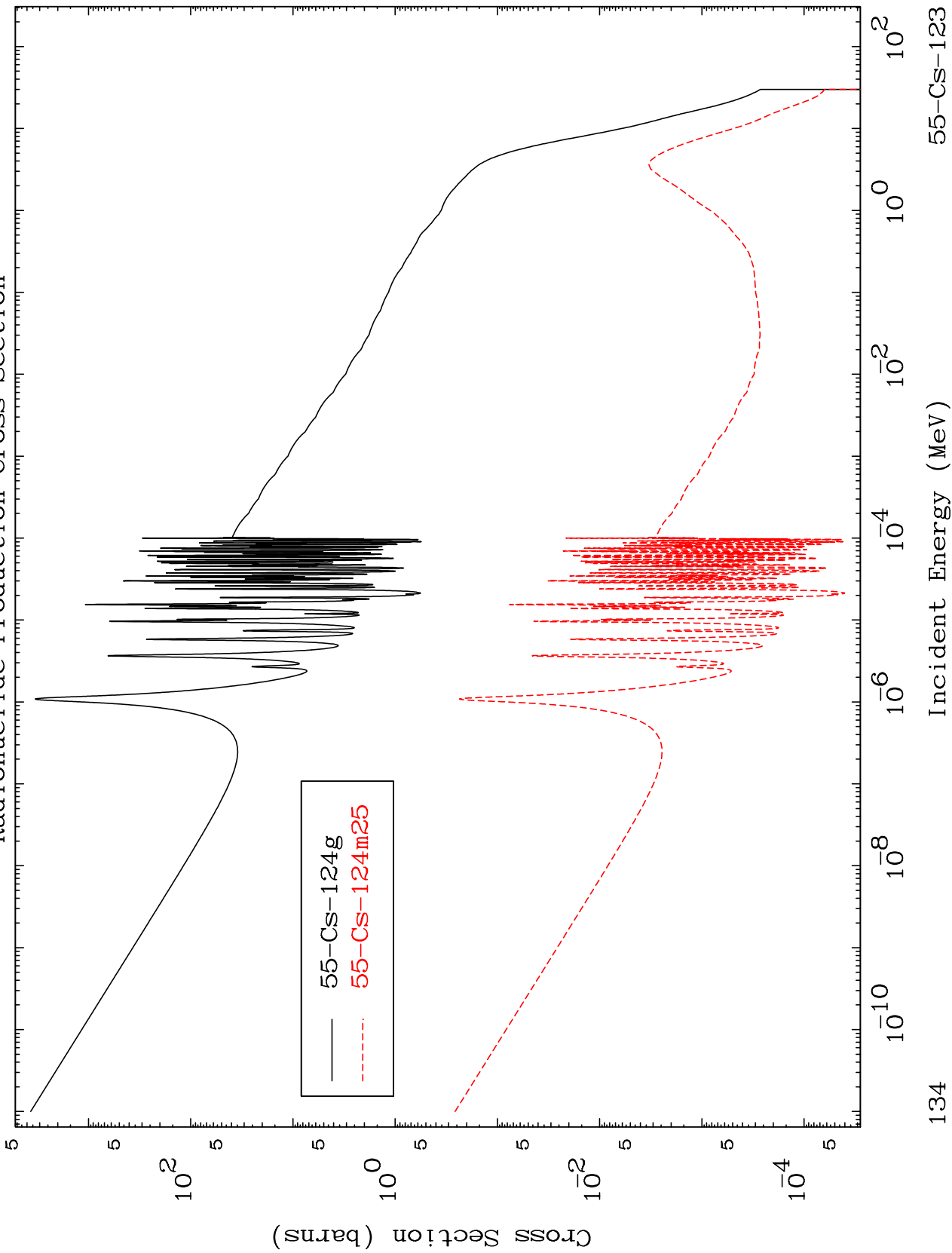
Radionuclide Production Cross Section



MAT 5495

55-Cs-123

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



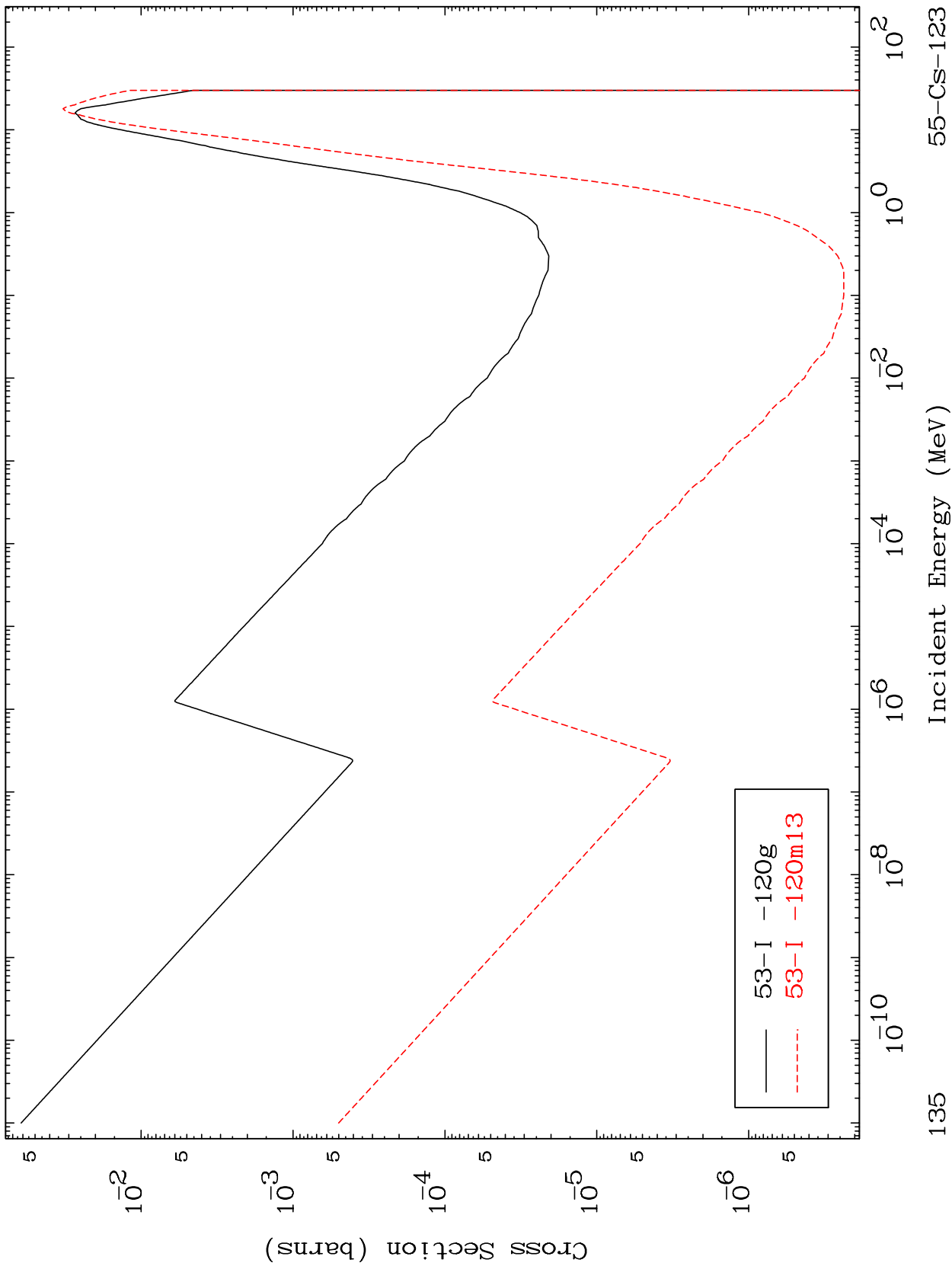
134

55-Cs-123

MAT 5495

55-Cs-123

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



135

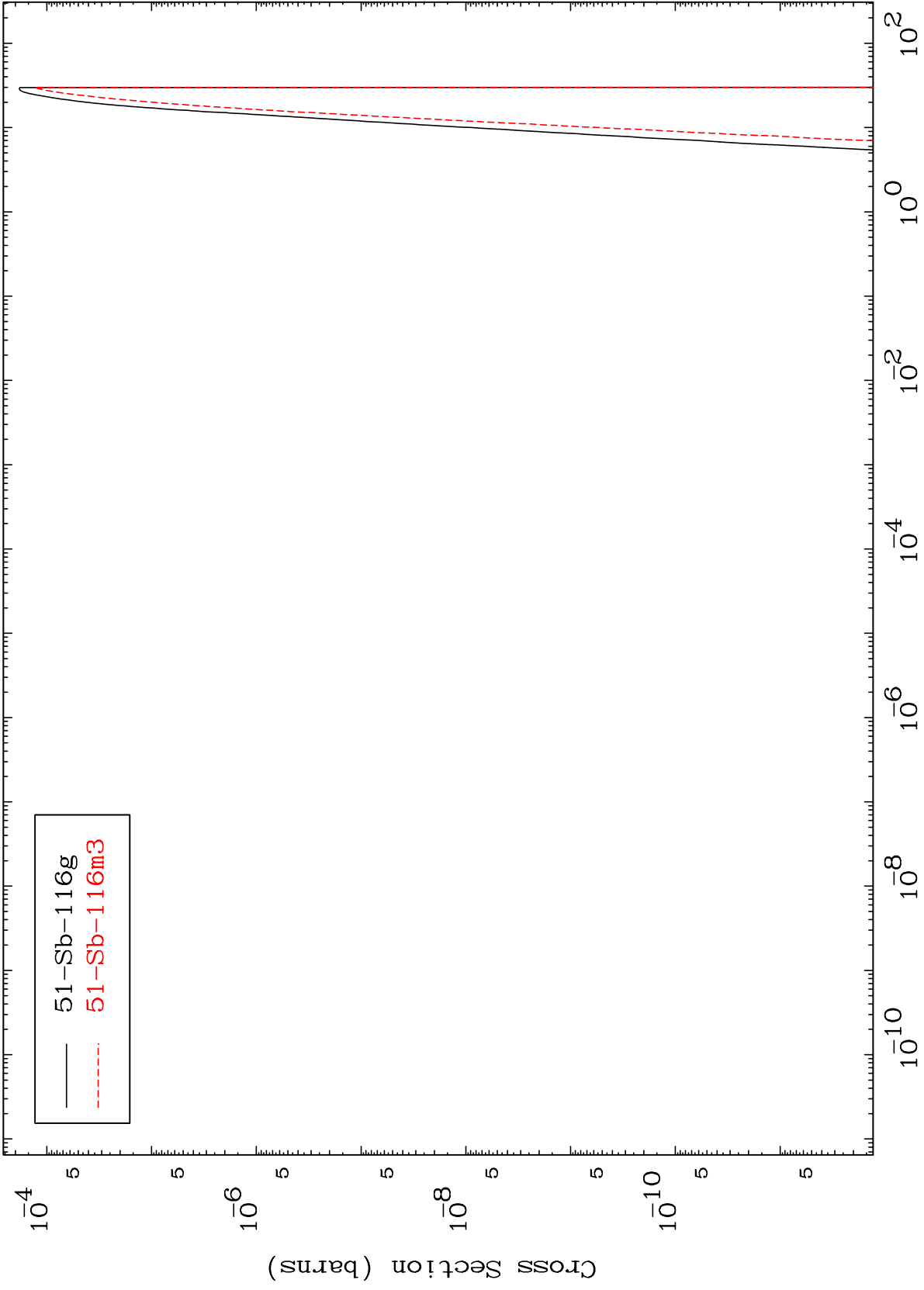


MAT 5495

(n,2α)

55-Cs-123

Radionuclide Production Cross Section

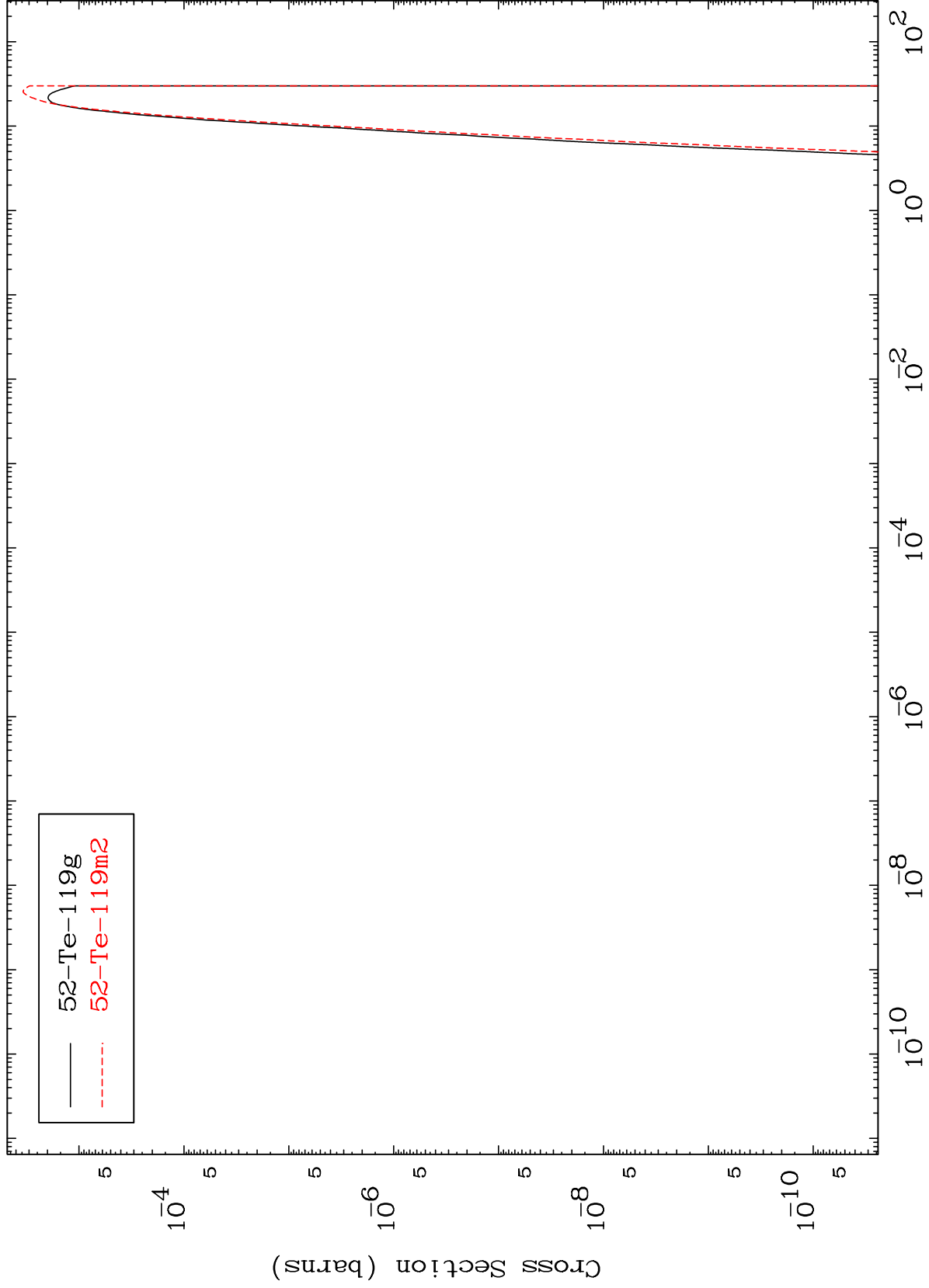


MAT 5495

(n,p)  $\alpha$

55-Cs-123

Radionuclide Production Cross Section



137

Incident Energy (MeV)

55-Cs-123

Radionuclide Production Cross Section

