

Program EVALPLOT
(Version 2021-1)

by

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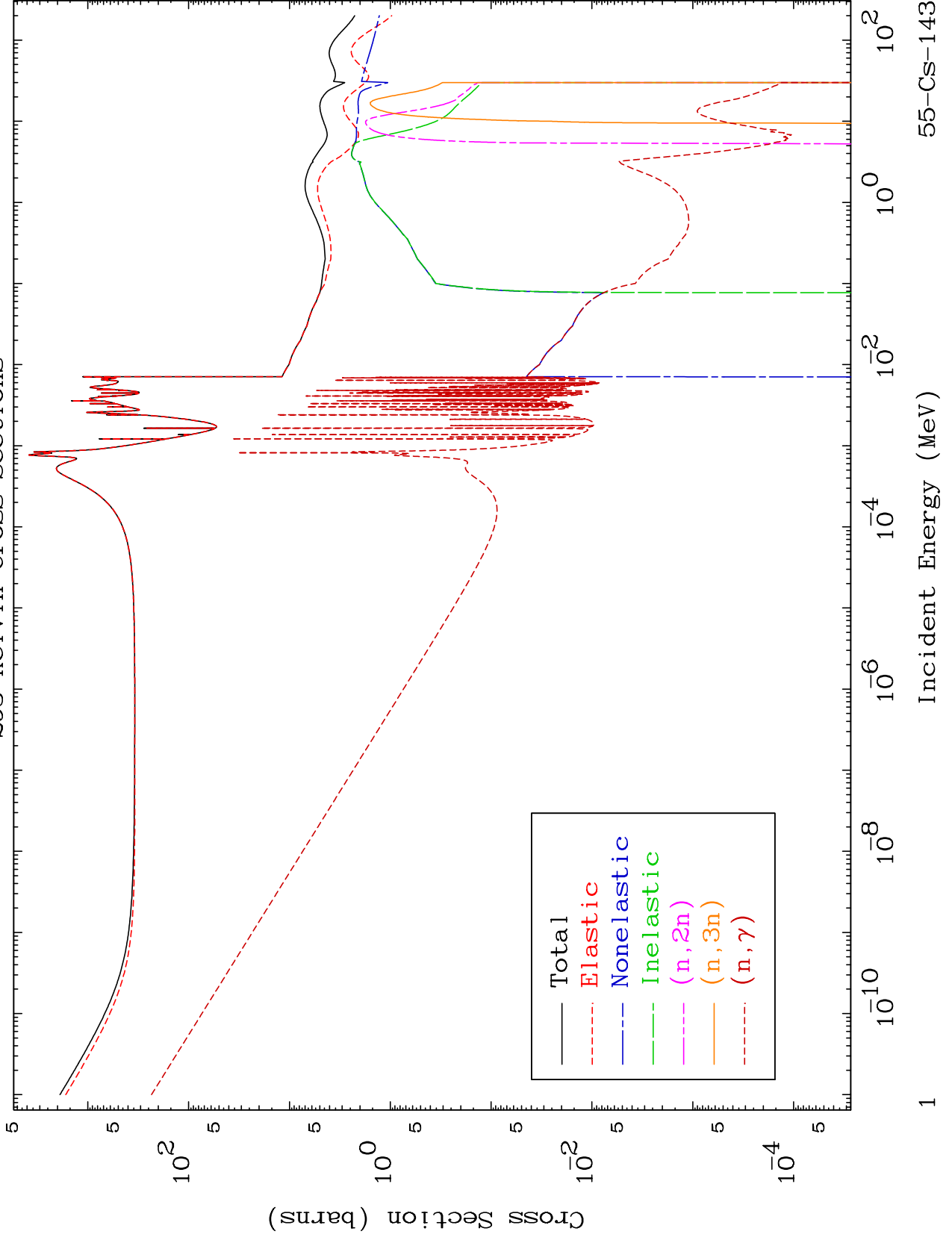
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5555

Neutron Major
293 Kelvin Cross Sections

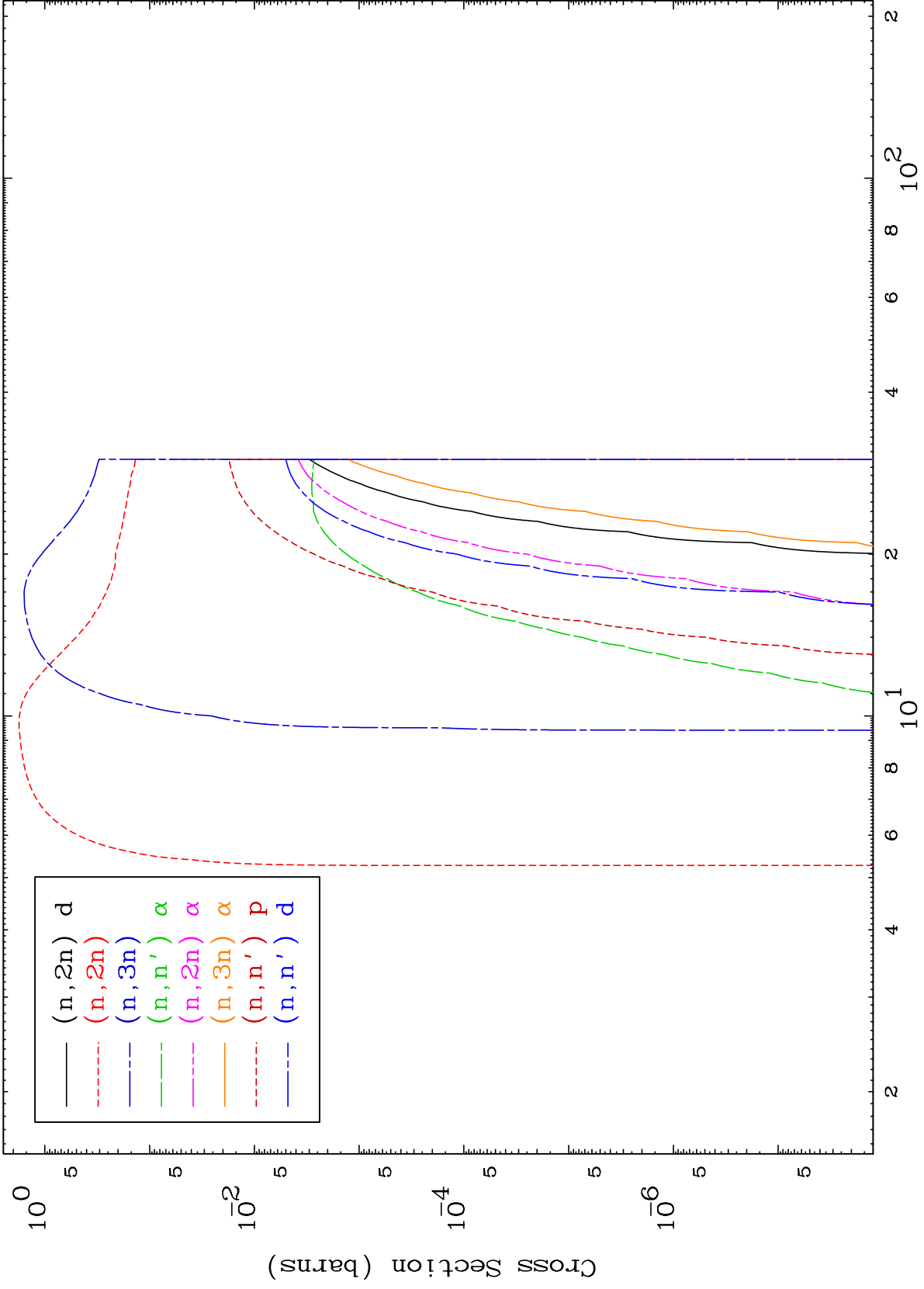
55-Cs-143



MAT 5555

Neutron Absorption
293 Kelvin Cross Sections

55-Cs-143



2

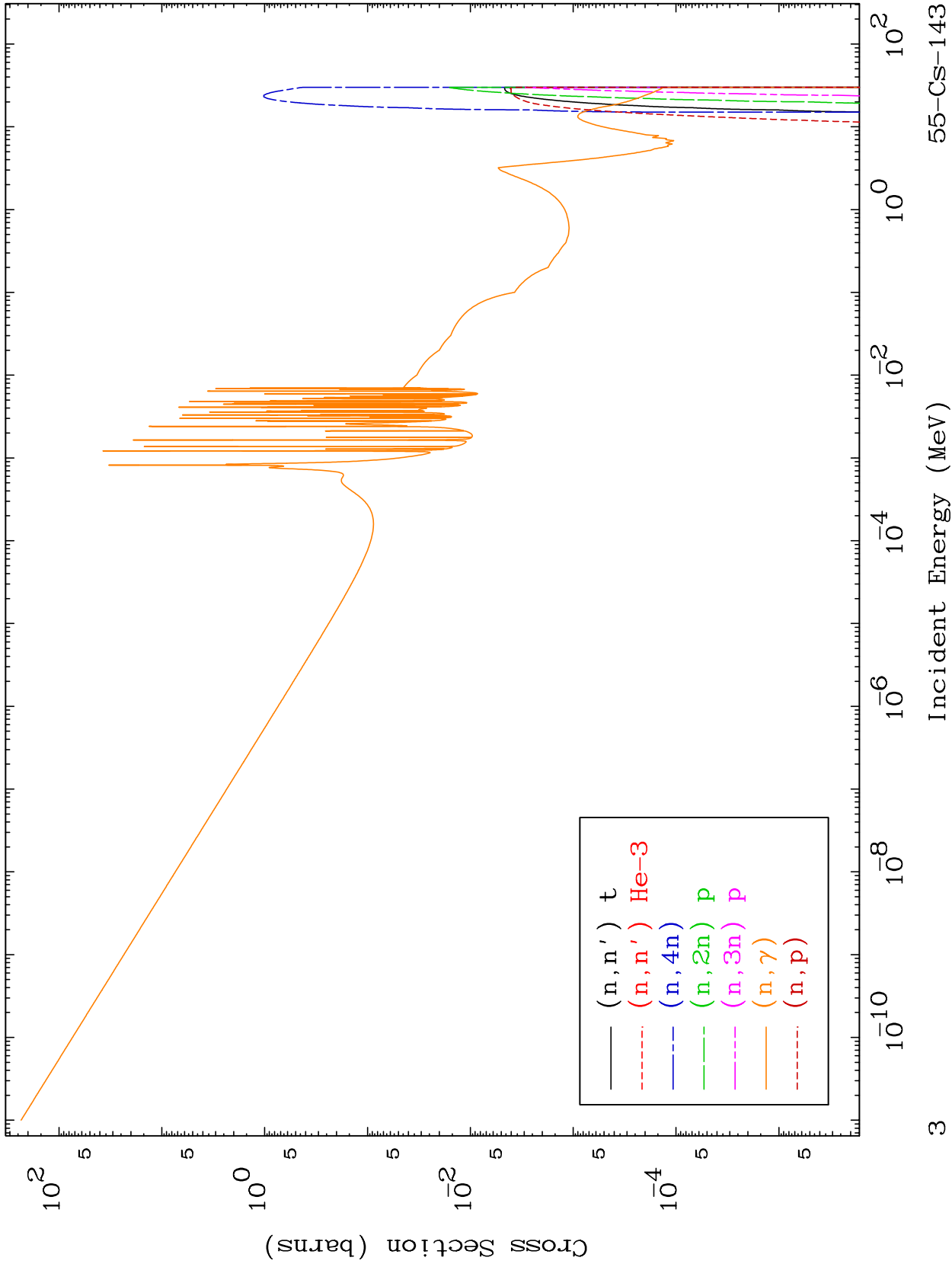
Incident Energy (MeV)

55-Cs-143

MAT 5555

Neutron Absorption
293 Kelvin Cross Sections

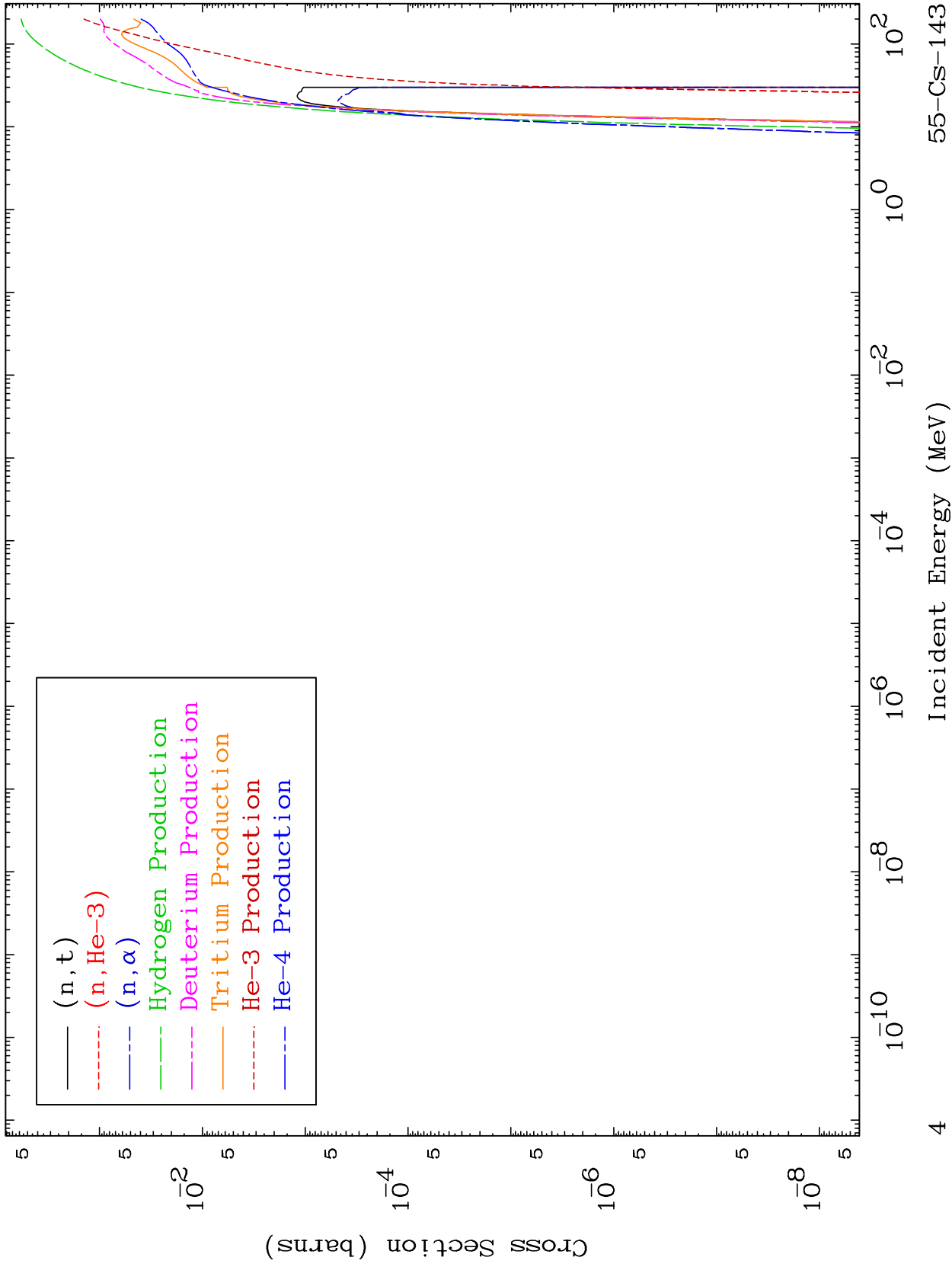
55-Cs-143



MAT 5555

Neutron Absorption
293 Kelvin Cross Sections

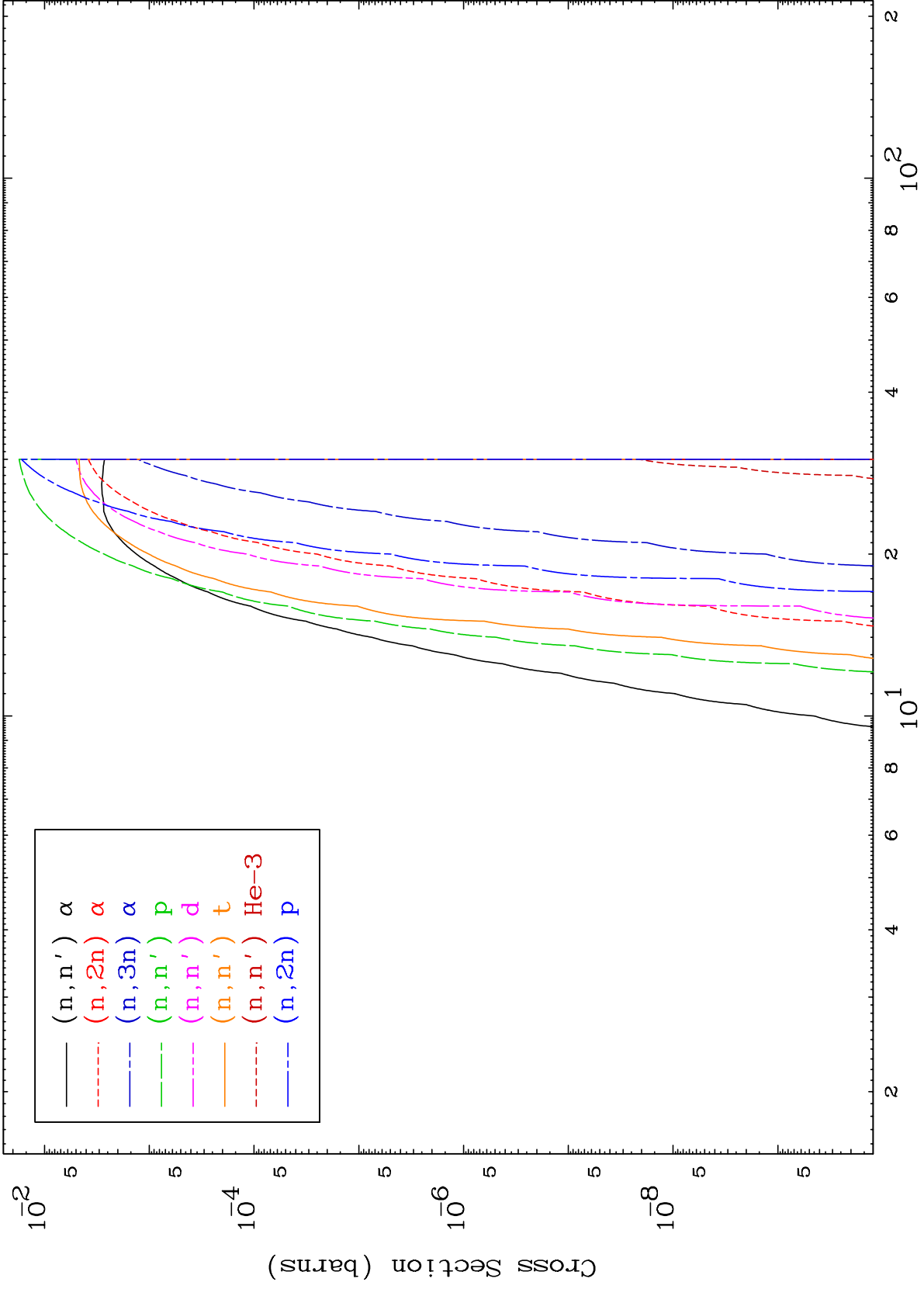
55-Cs-143



MAT 5555

Charged Particle
293 Kelvin Cross Sections

55-Cs-143



5

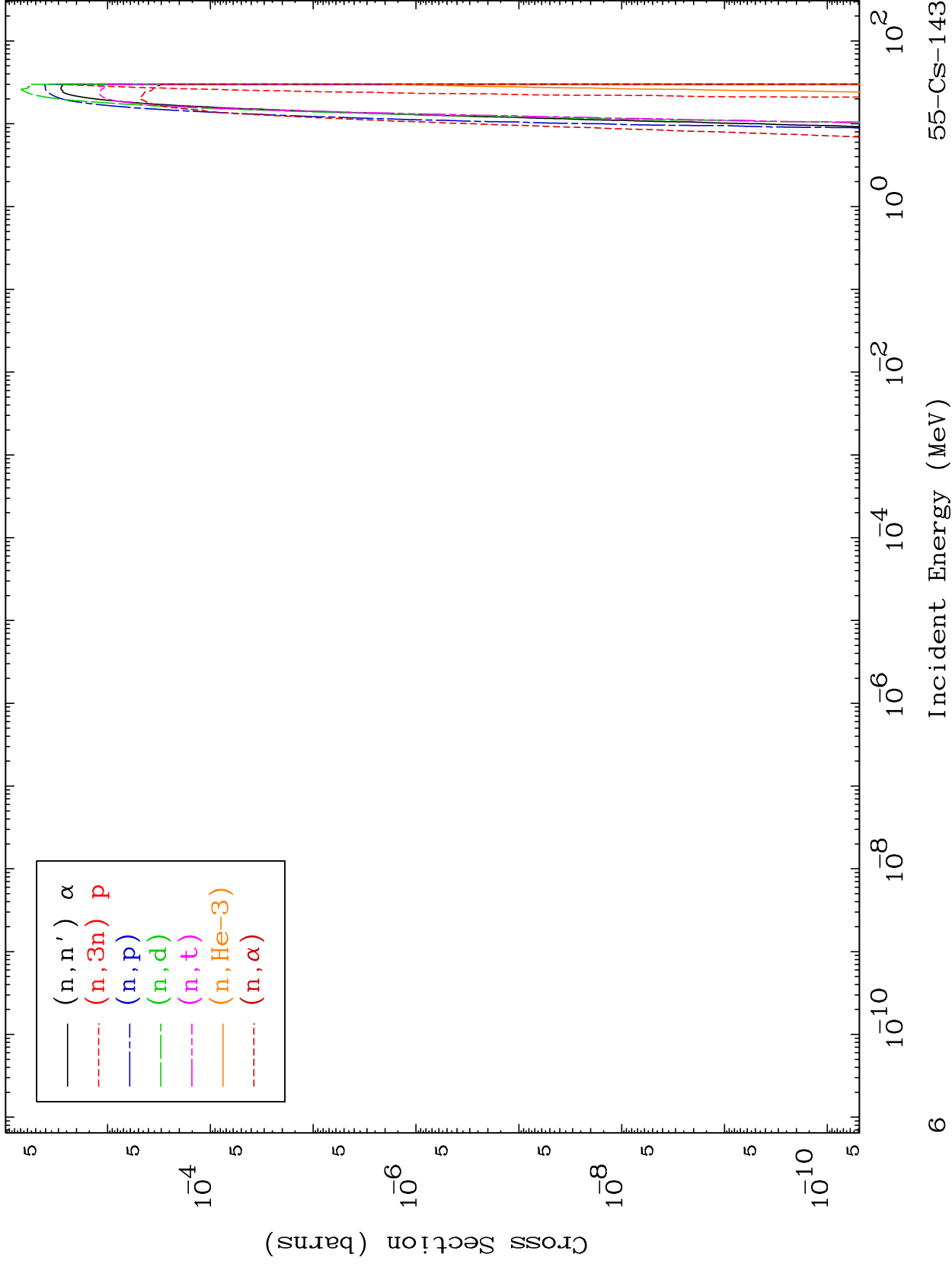
Incident Energy (MeV)

55-Cs-143

MAT 5555

Charged Particle
293 Kelvin Cross Sections

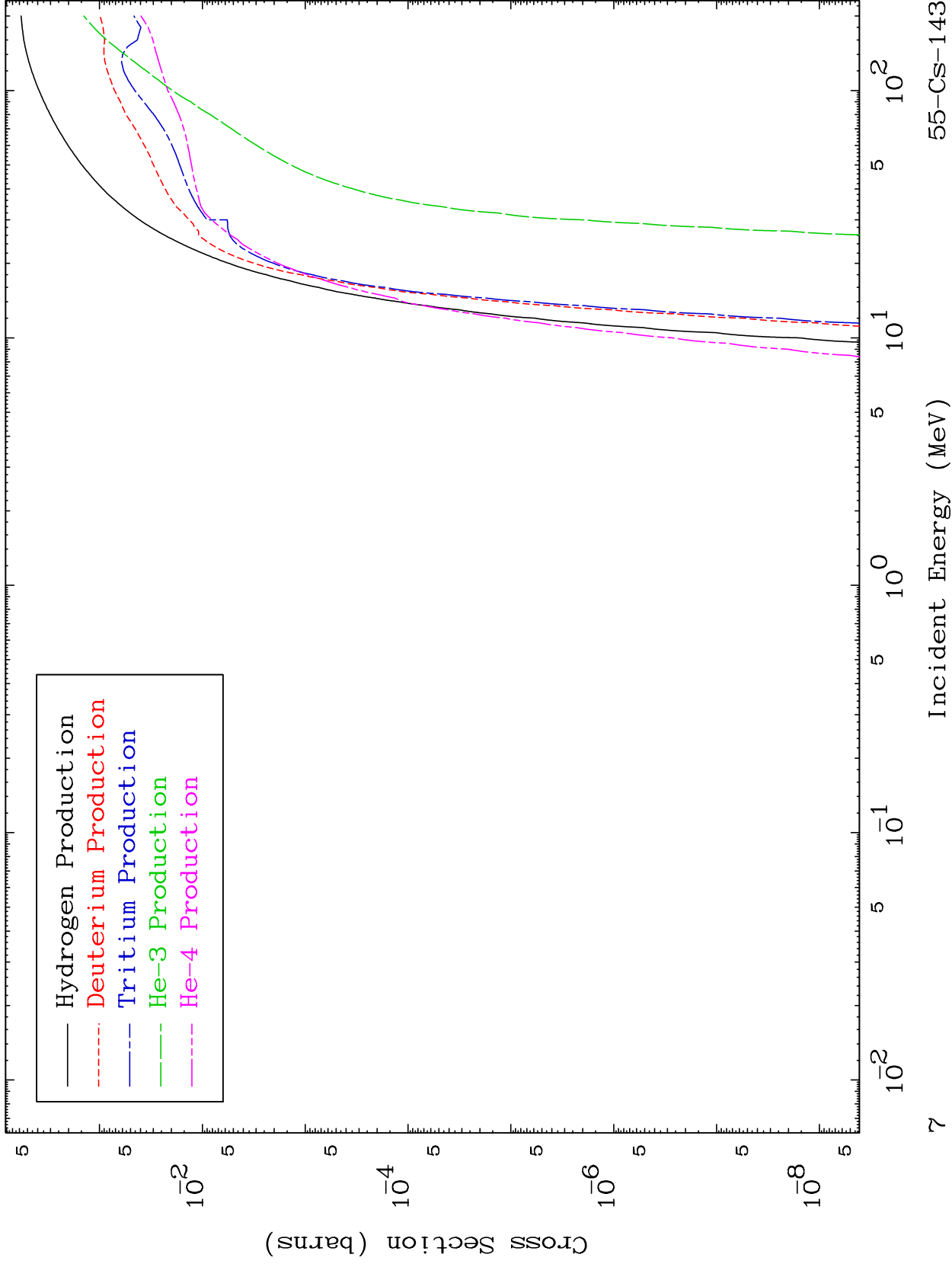
55-Cs-143



MAT 5555

Particle Production
293 Kelvin Cross Sections

55-Cs-143



55-Cs-143

Incident Energy (MeV)

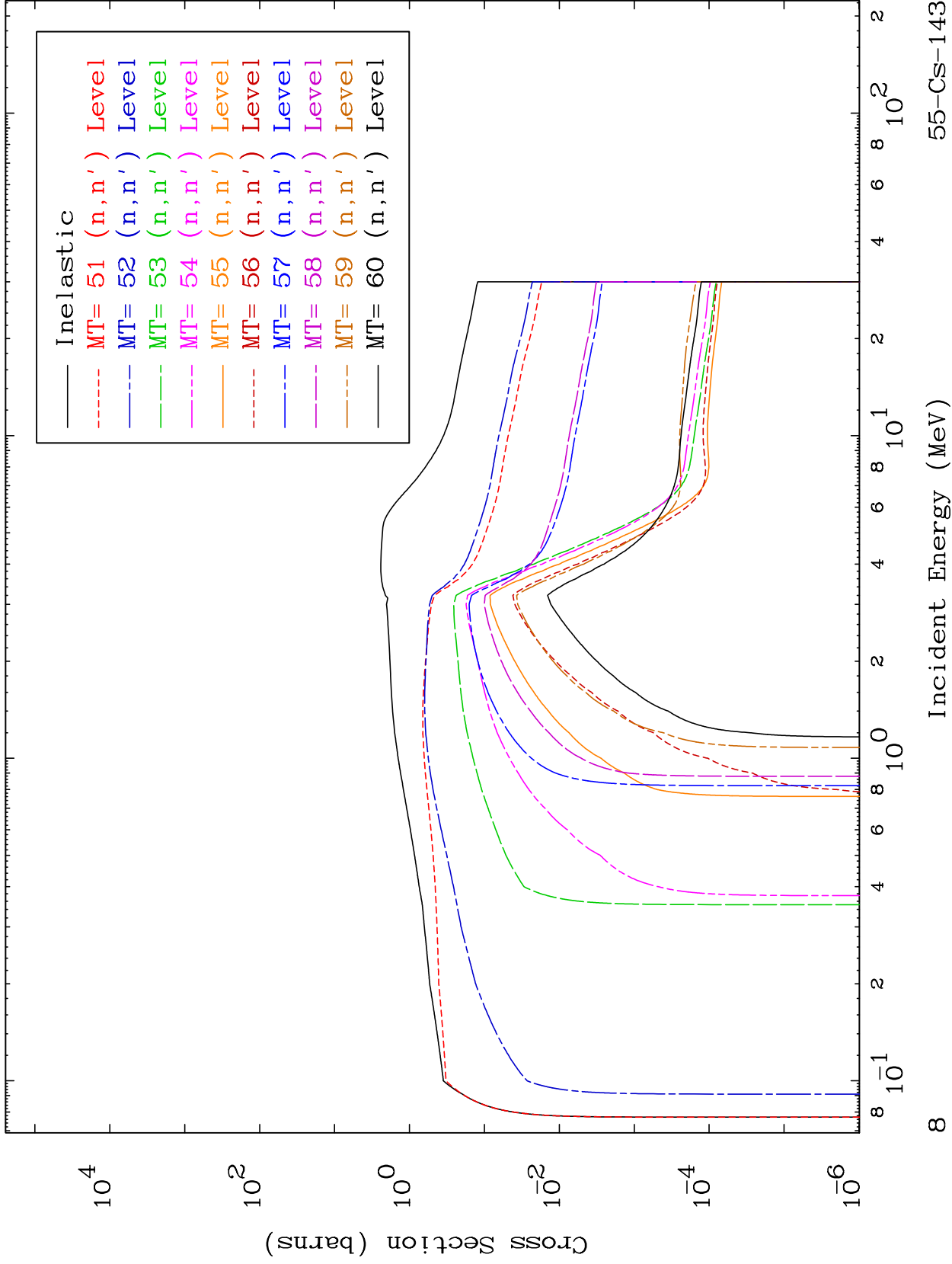
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MAT 5555

(n,n') Levels

55-Cs-143

293 Kelvin Cross Sections



8

Incident Energy (MeV)

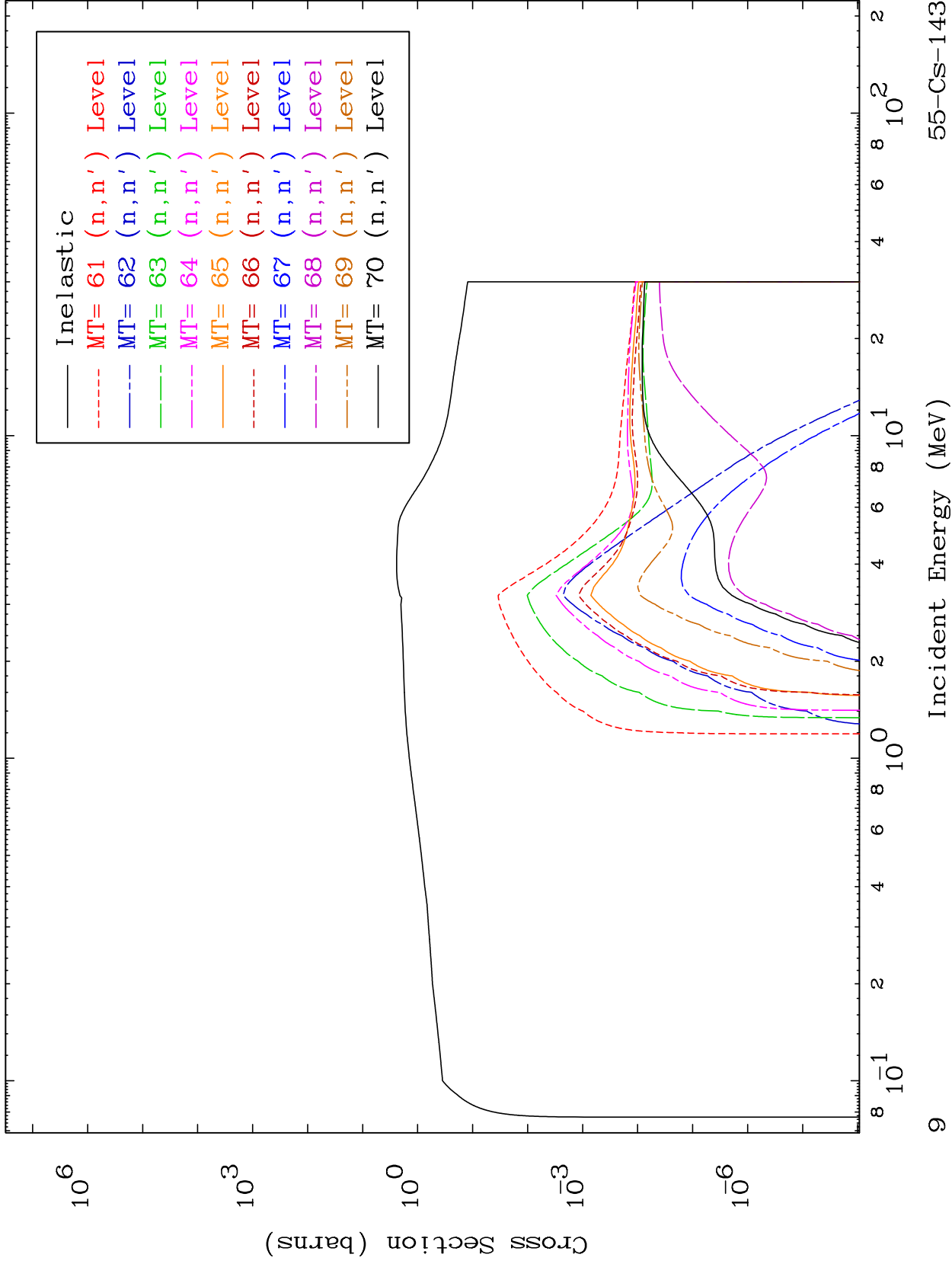
55-Cs-143

MAT 5555

(n,n') Levels

55-Cs-143

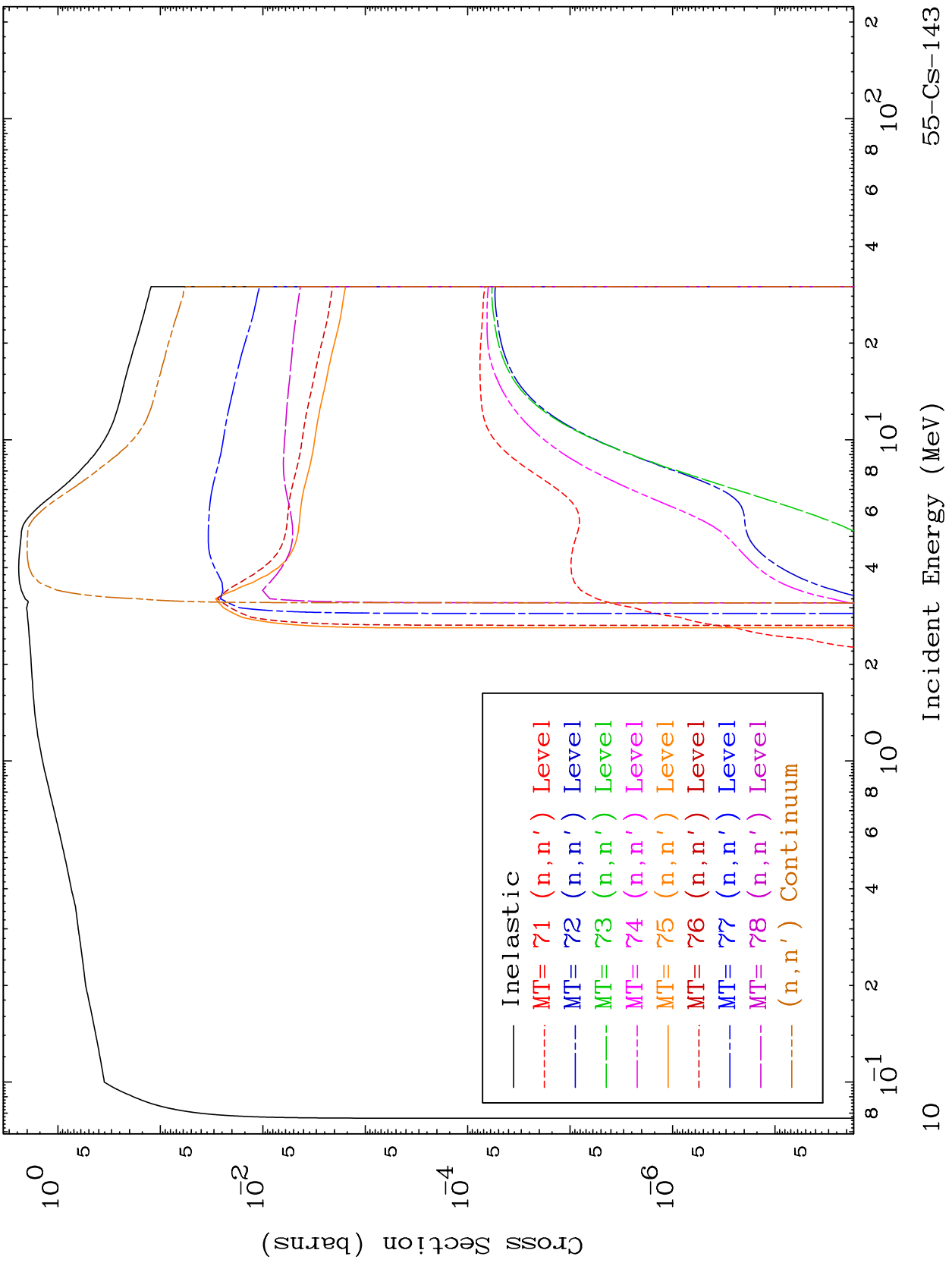
293 Kelvin Cross Sections



MAT 5555

55-Cs-143

293 Kelvin Cross Sections
(n,n') Levels



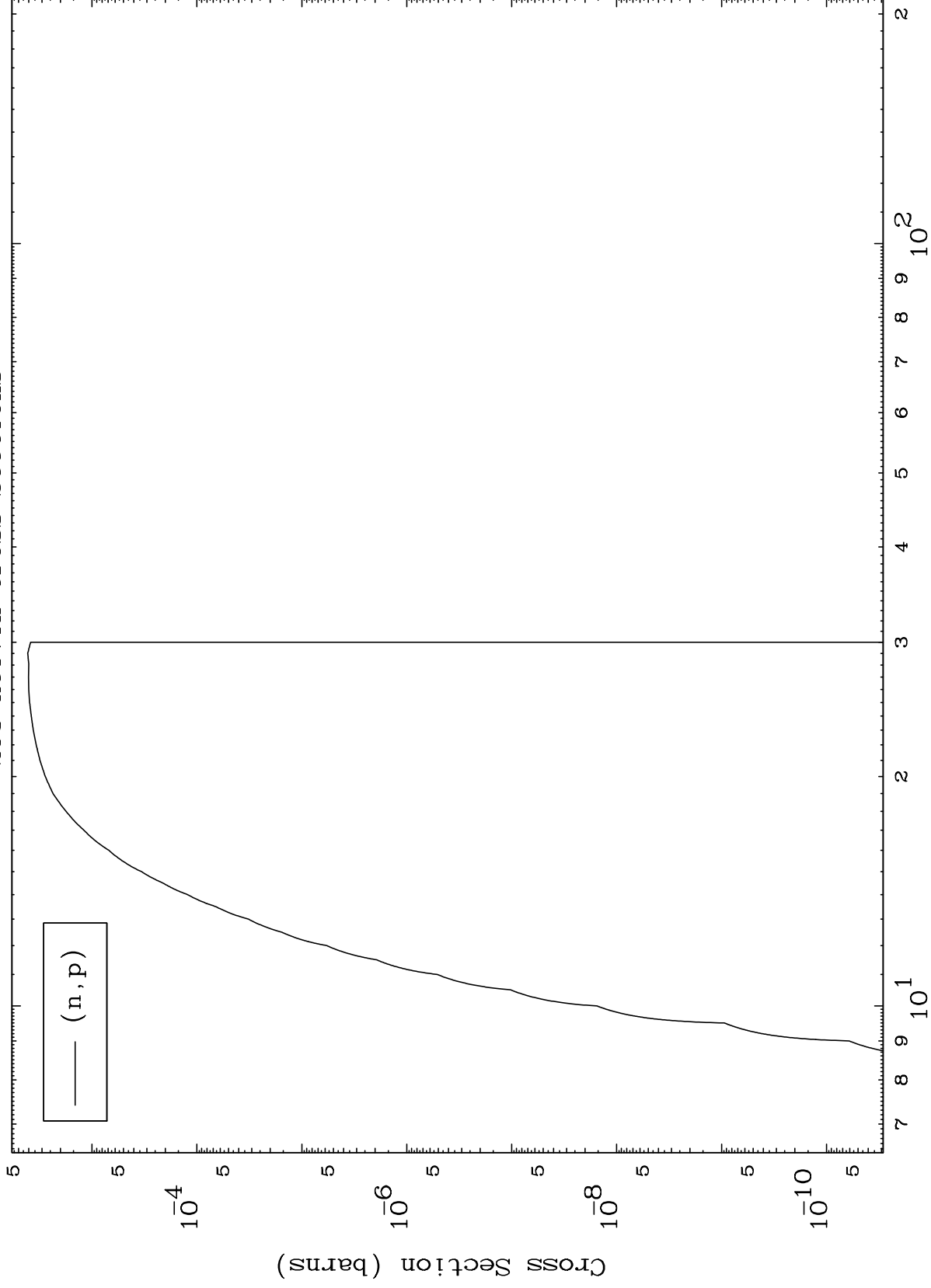
55-Cs-143

Incident Energy (MeV)

MAT 5555

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-143



11

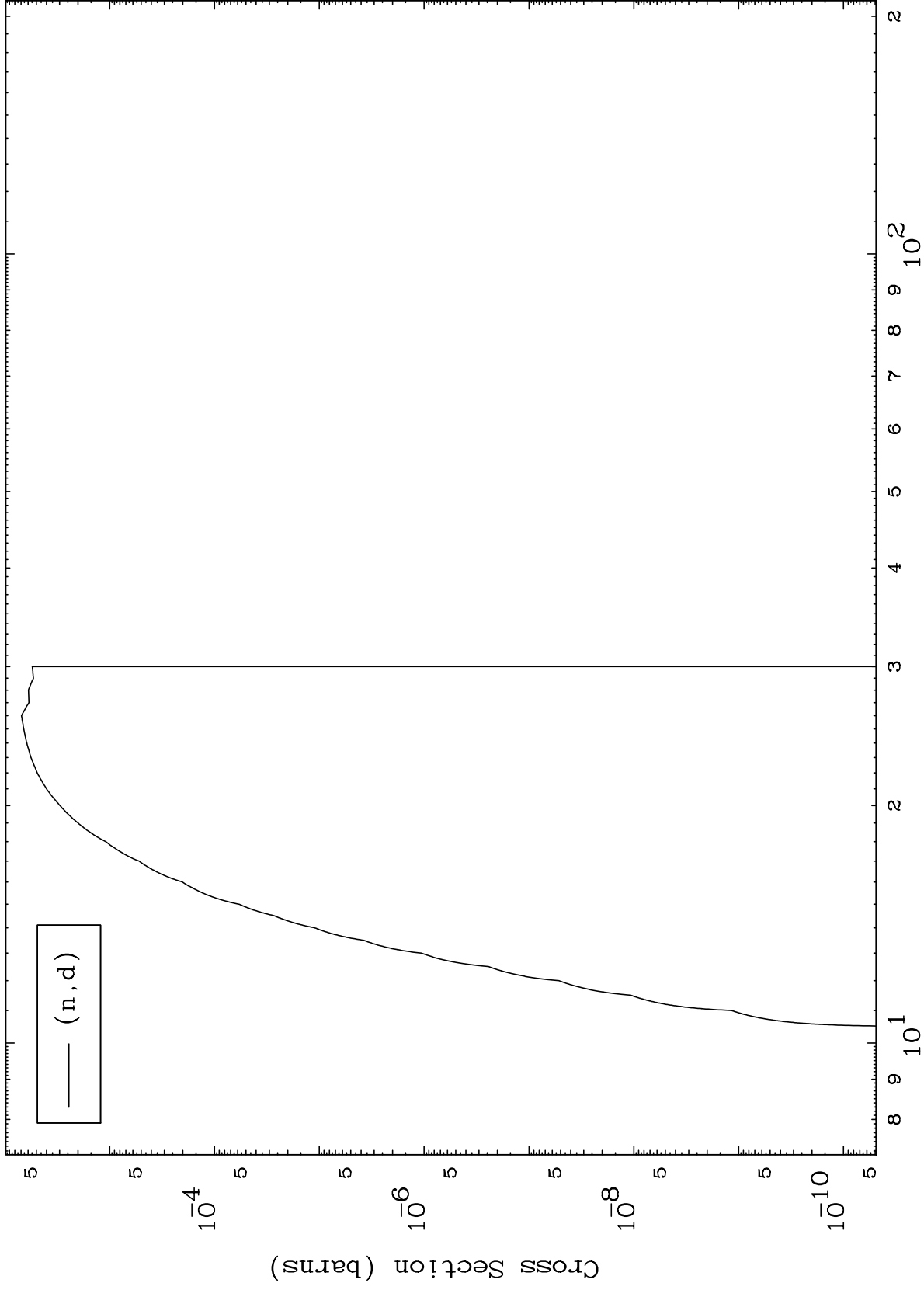
Incident Energy (MeV)

55-Cs-143

MAT 5555

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-143



12

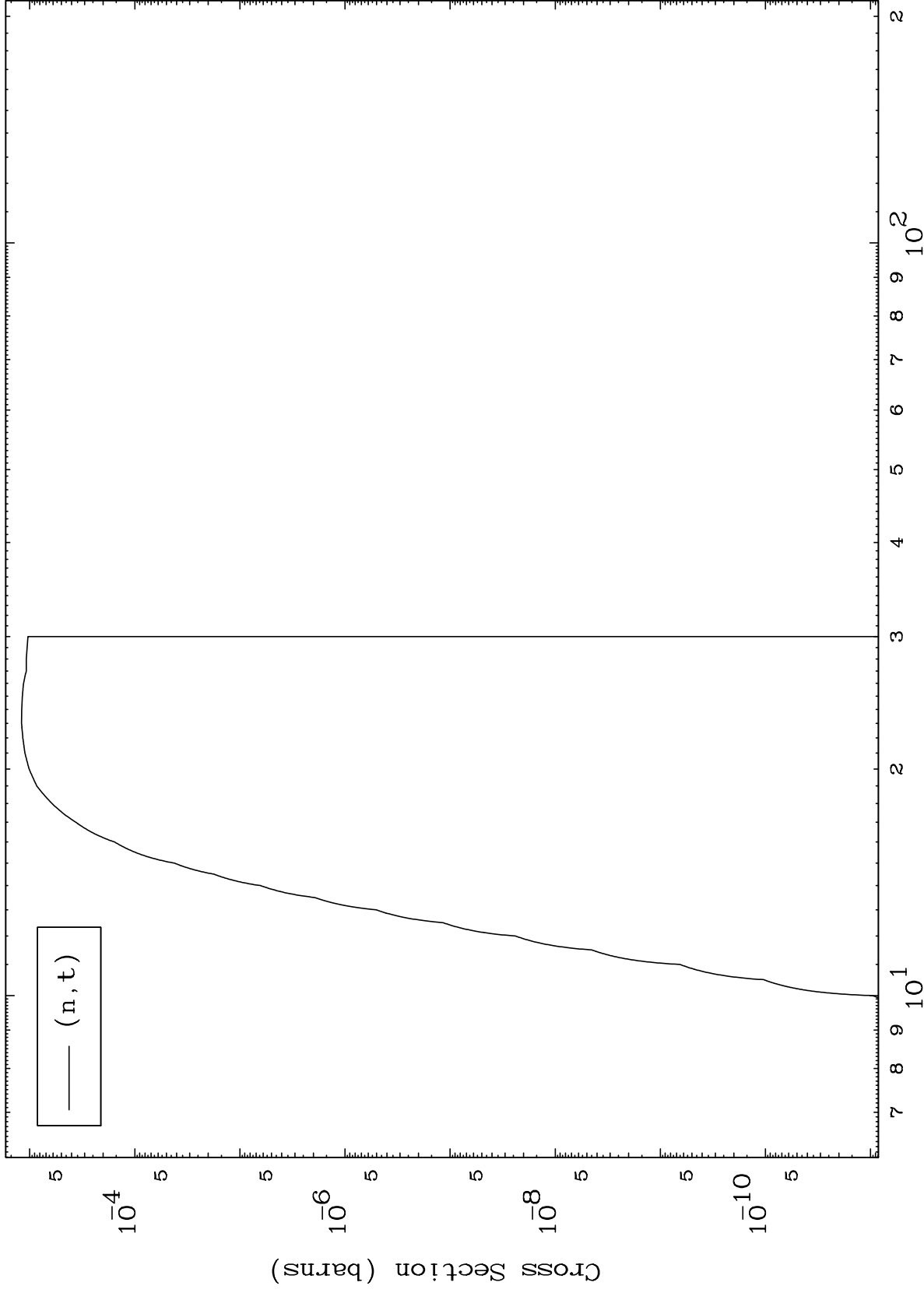
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55-Cs-143

MAT 5555

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-143



13

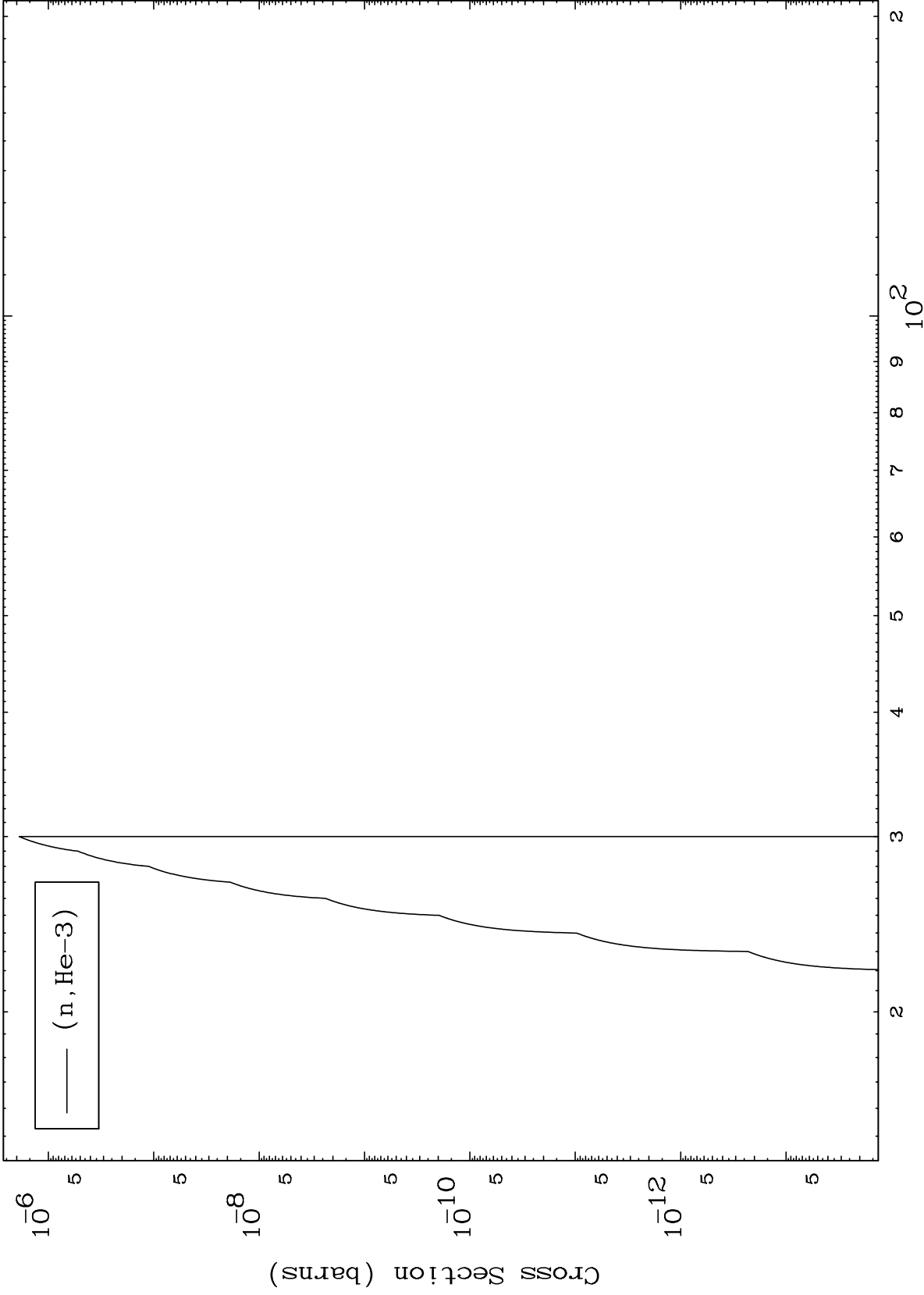
Incident Energy (MeV)

55-Cs-143

MAT 5555

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-143



14

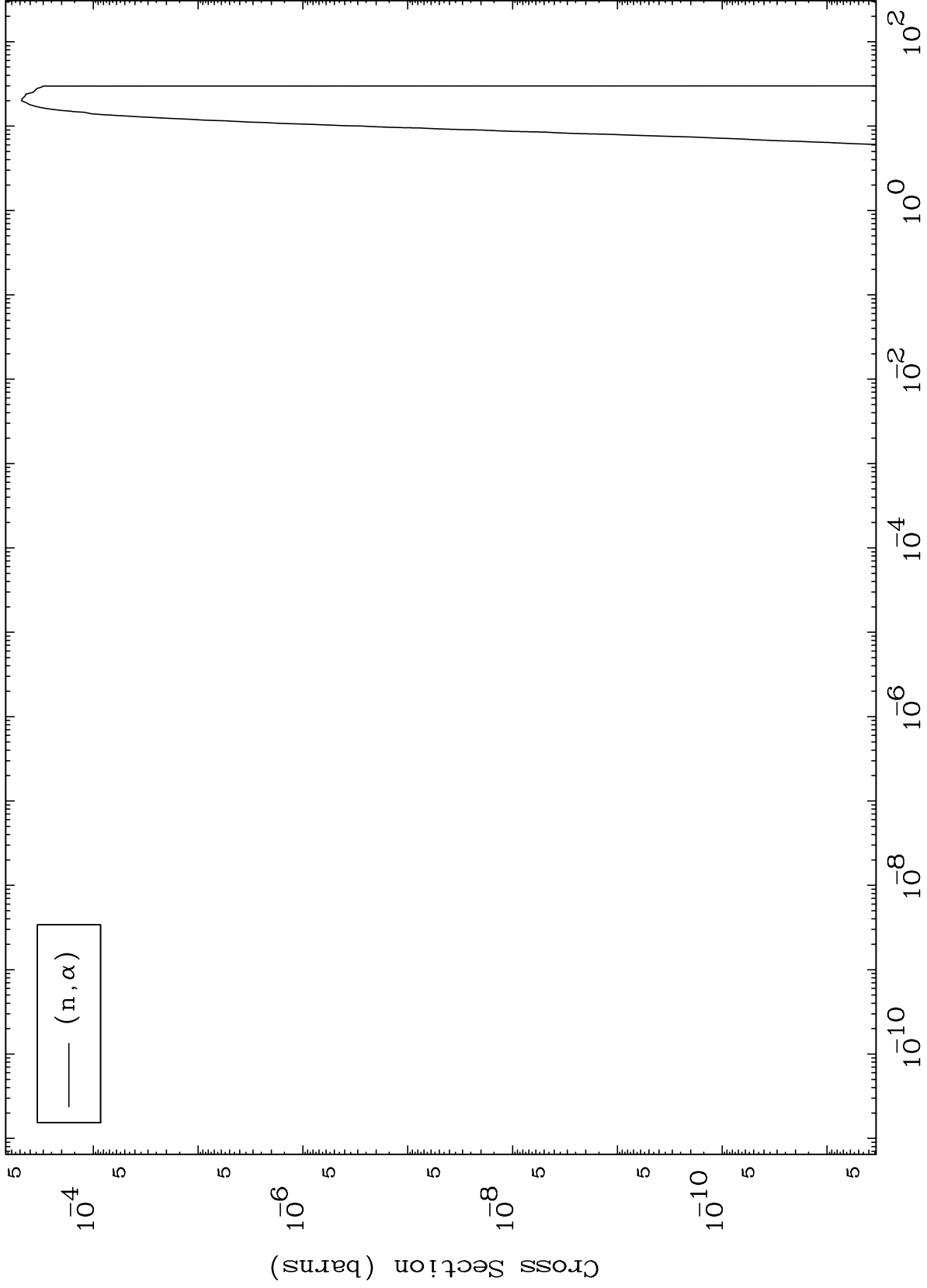
Incident Energy (MeV)

55-Cs-143

MAT 5555

(n, α) Levels
293 Kelvin Cross Sections

55-Cs-143



15

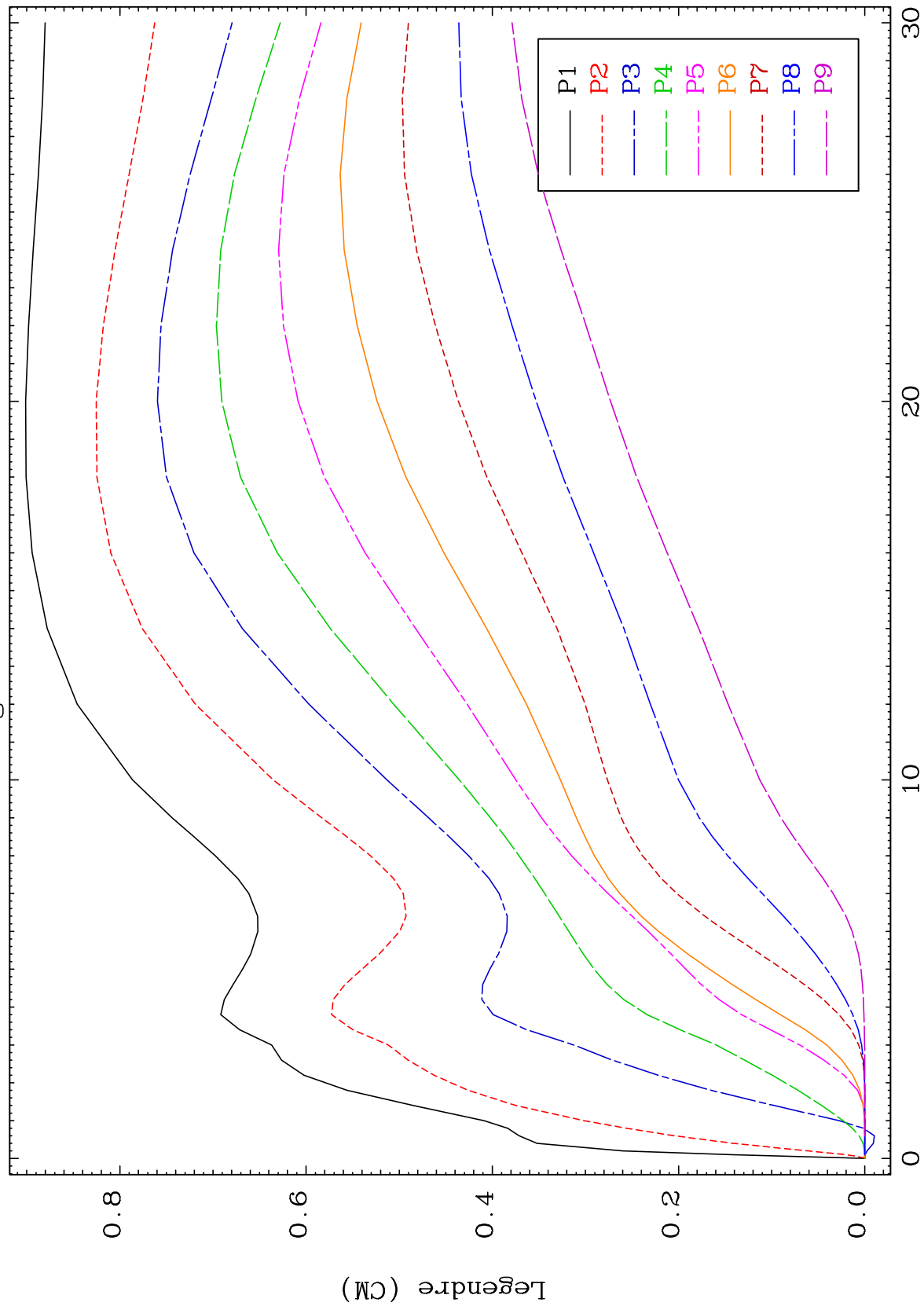
Incident Energy (MeV)

55-Cs-143

MAT 5555

55-Cs-143

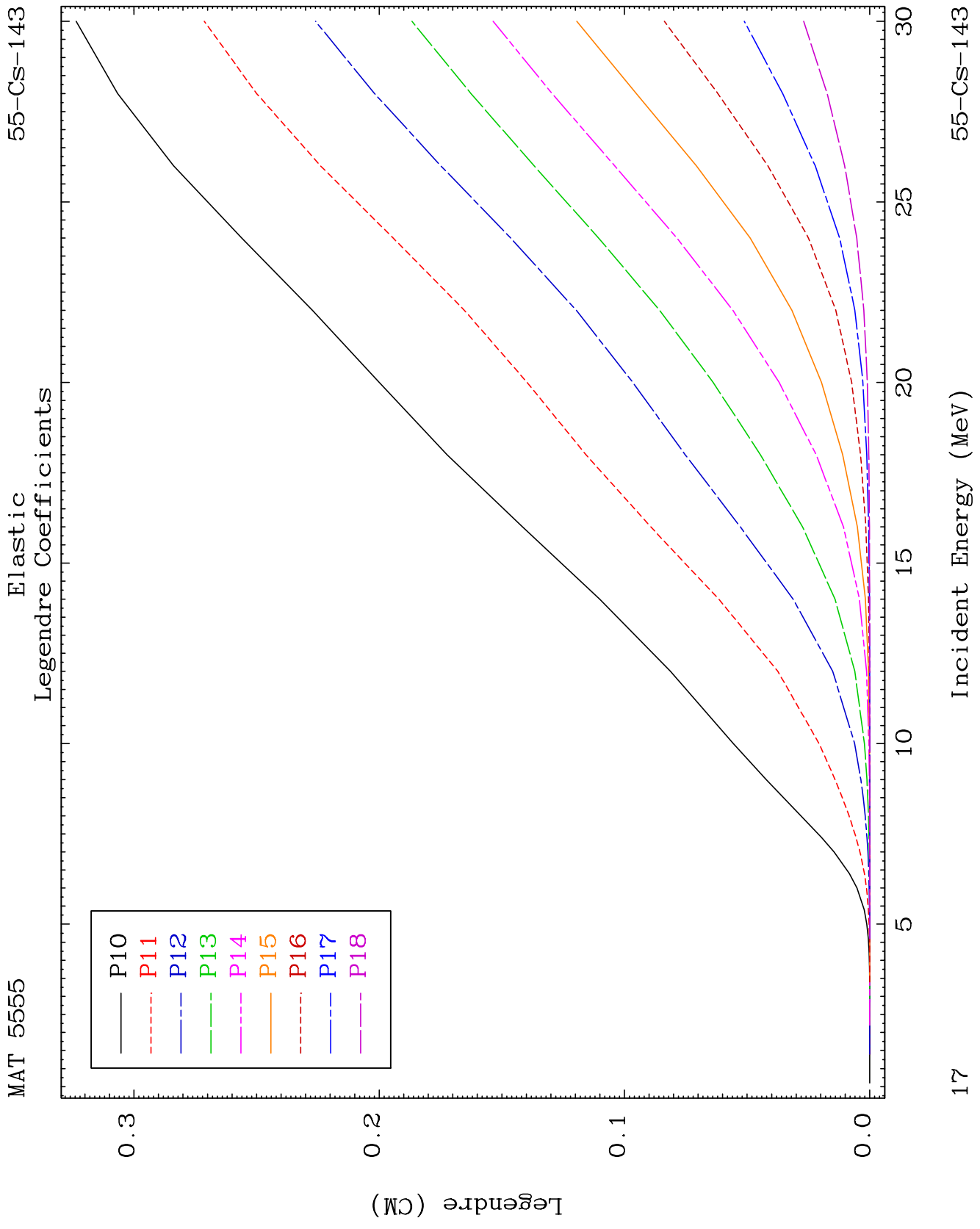
Elastic Legendre Coefficients



55-Cs-143

Incident Energy (MeV)

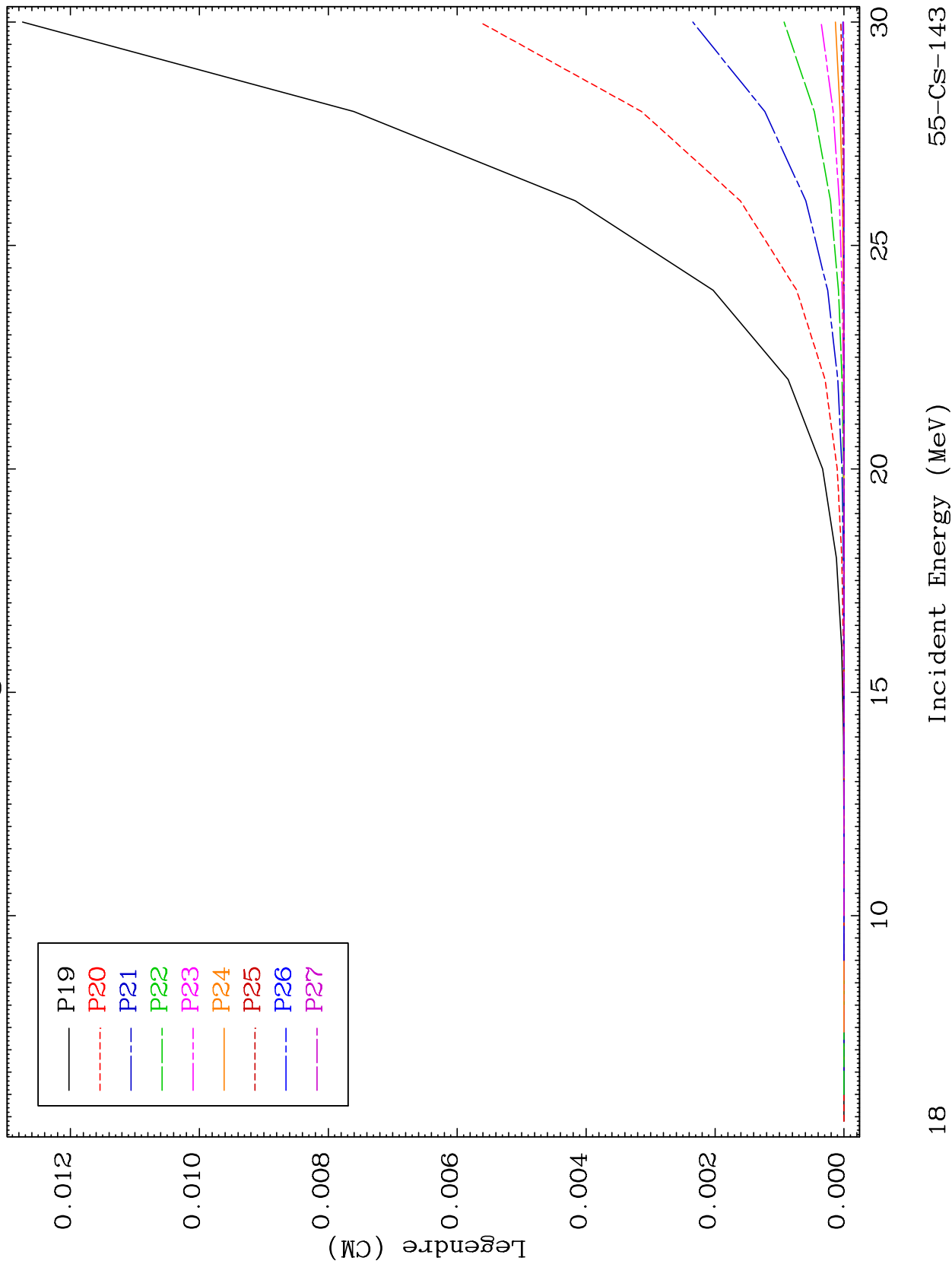
16



MAT 5555

Elastic Legendre Coefficients

55-Cs-143



18

Incident Energy (MeV)

55-Cs-143

30

25

20

15

10

0.012

0.010

0.008

0.006

0.004

0.002

0.000

P19

P20

P21

P22

P23

P24

P25

P26

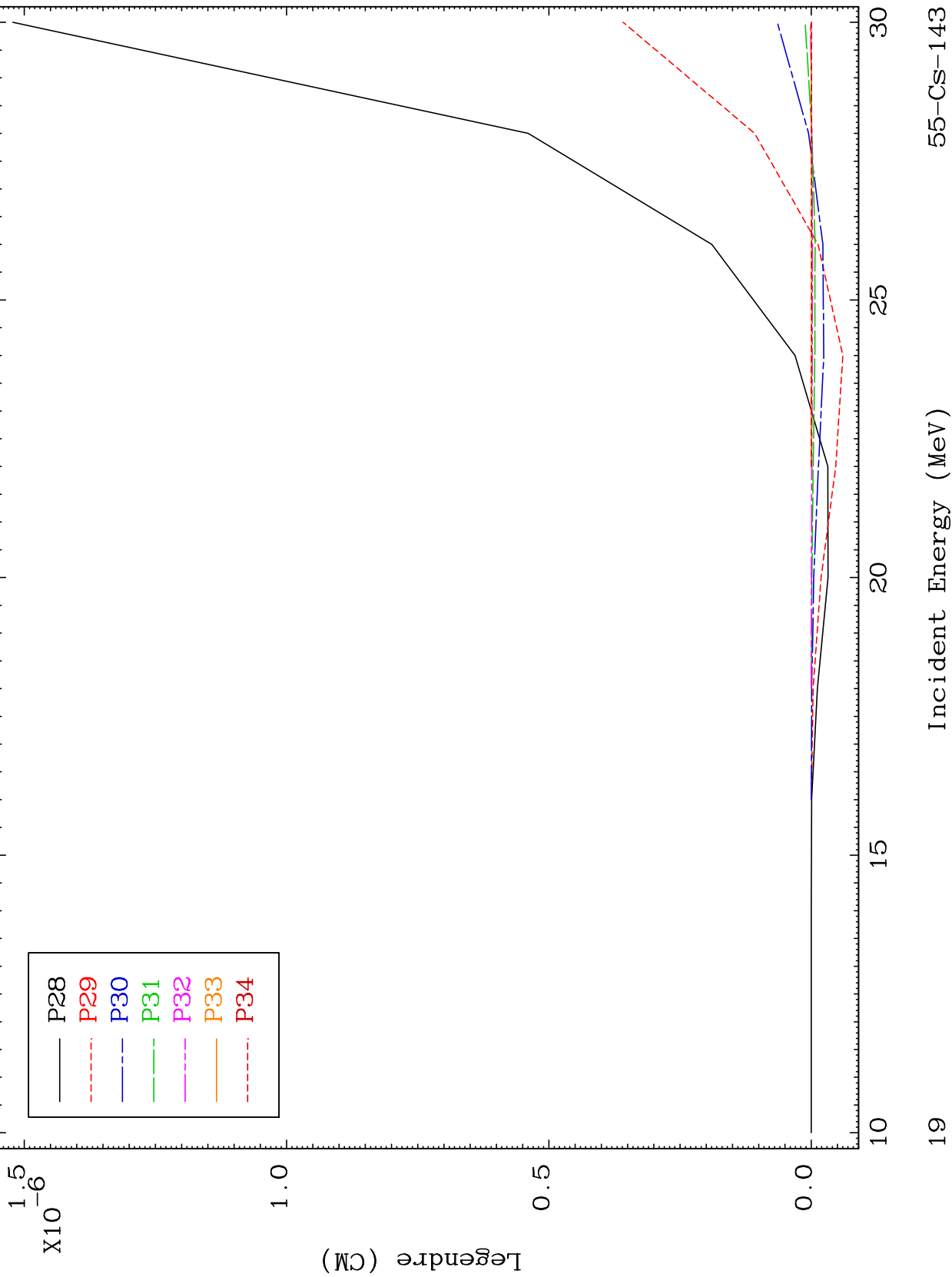
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Legendre (CM)

MAT 5555

Elastic Legendre Coefficients

55-Cs-143



19

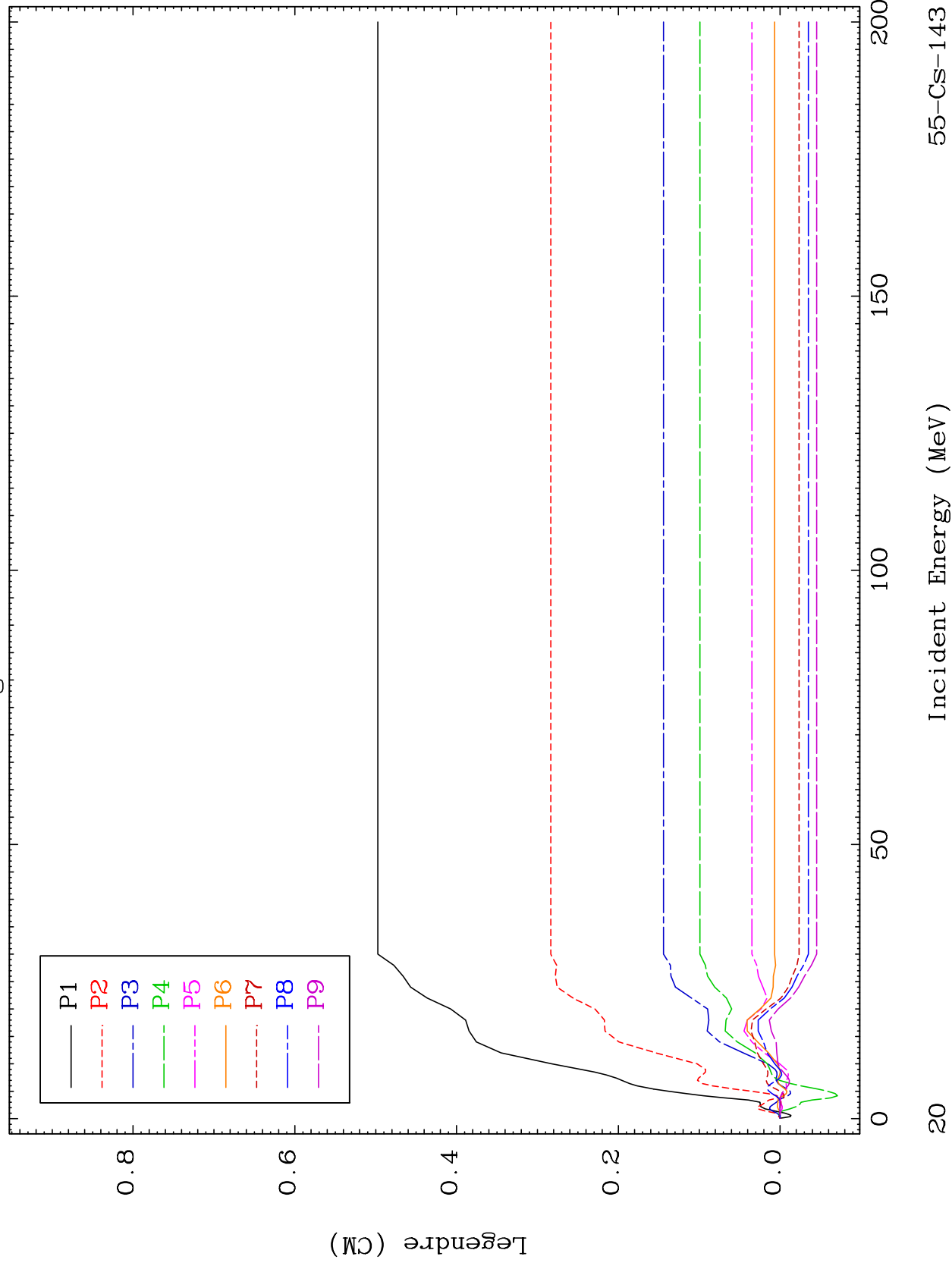
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

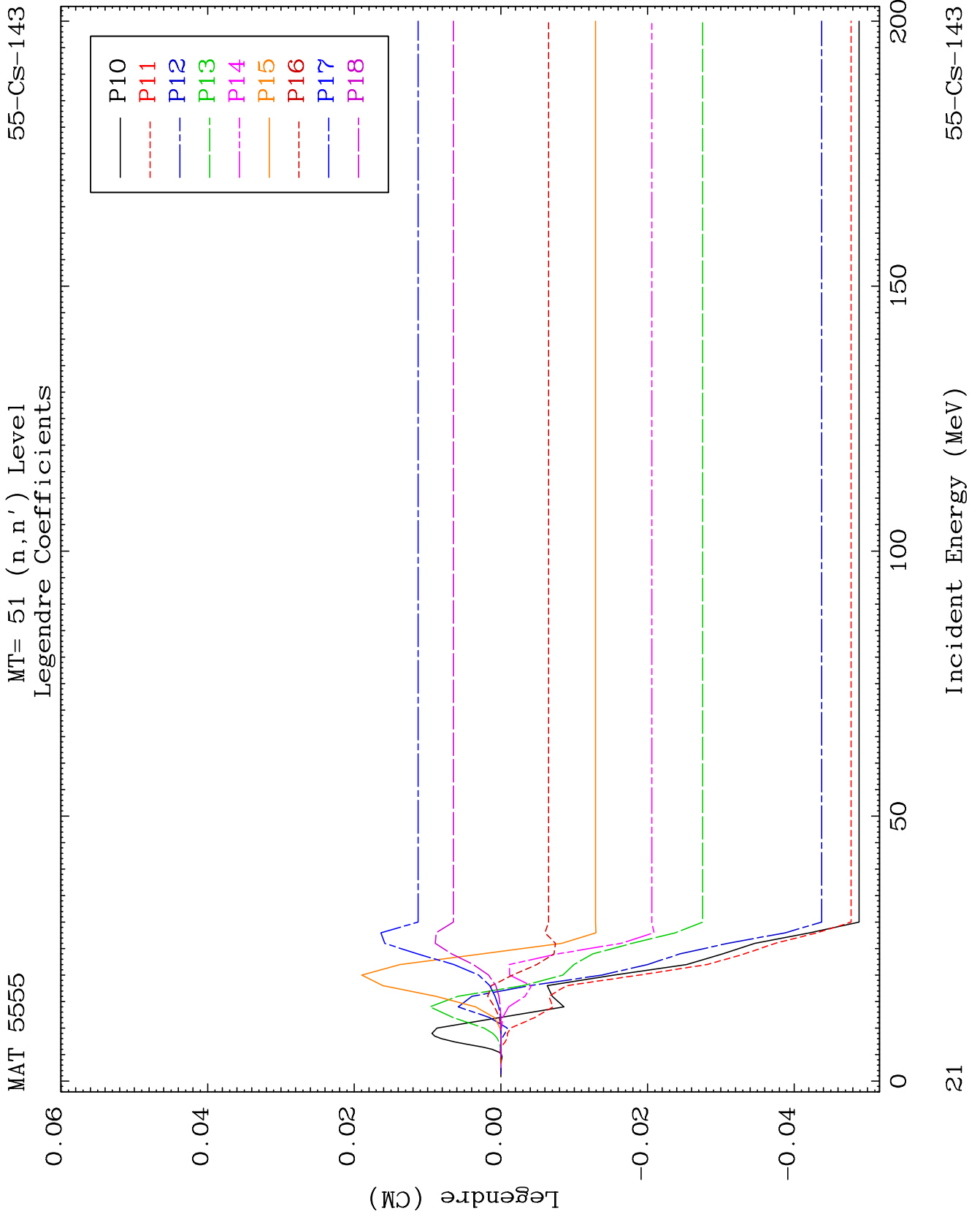
55-Cs-143



55-Cs-143

Incident Energy (MeV)

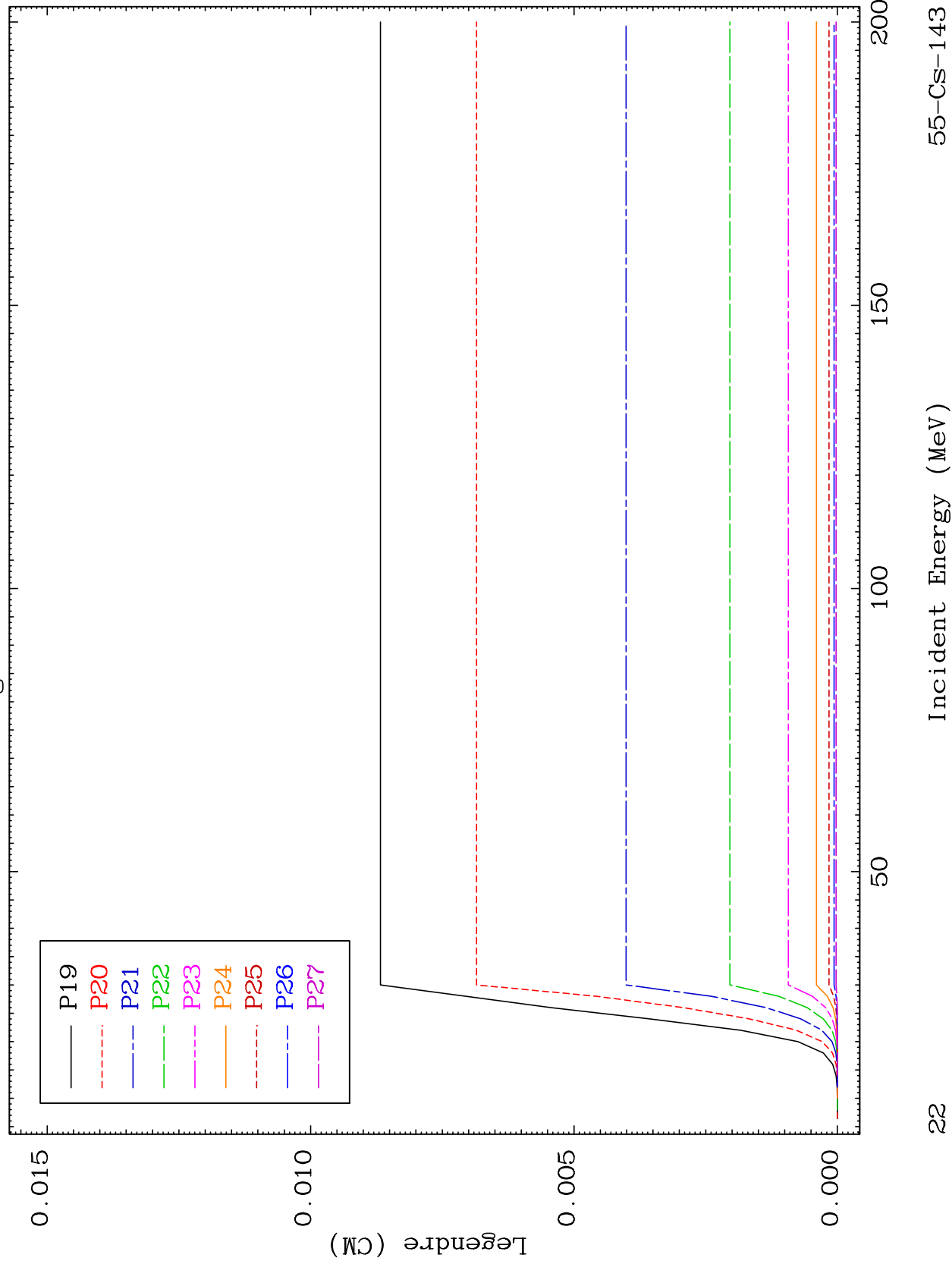
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MAT 5555

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

55-Cs-143



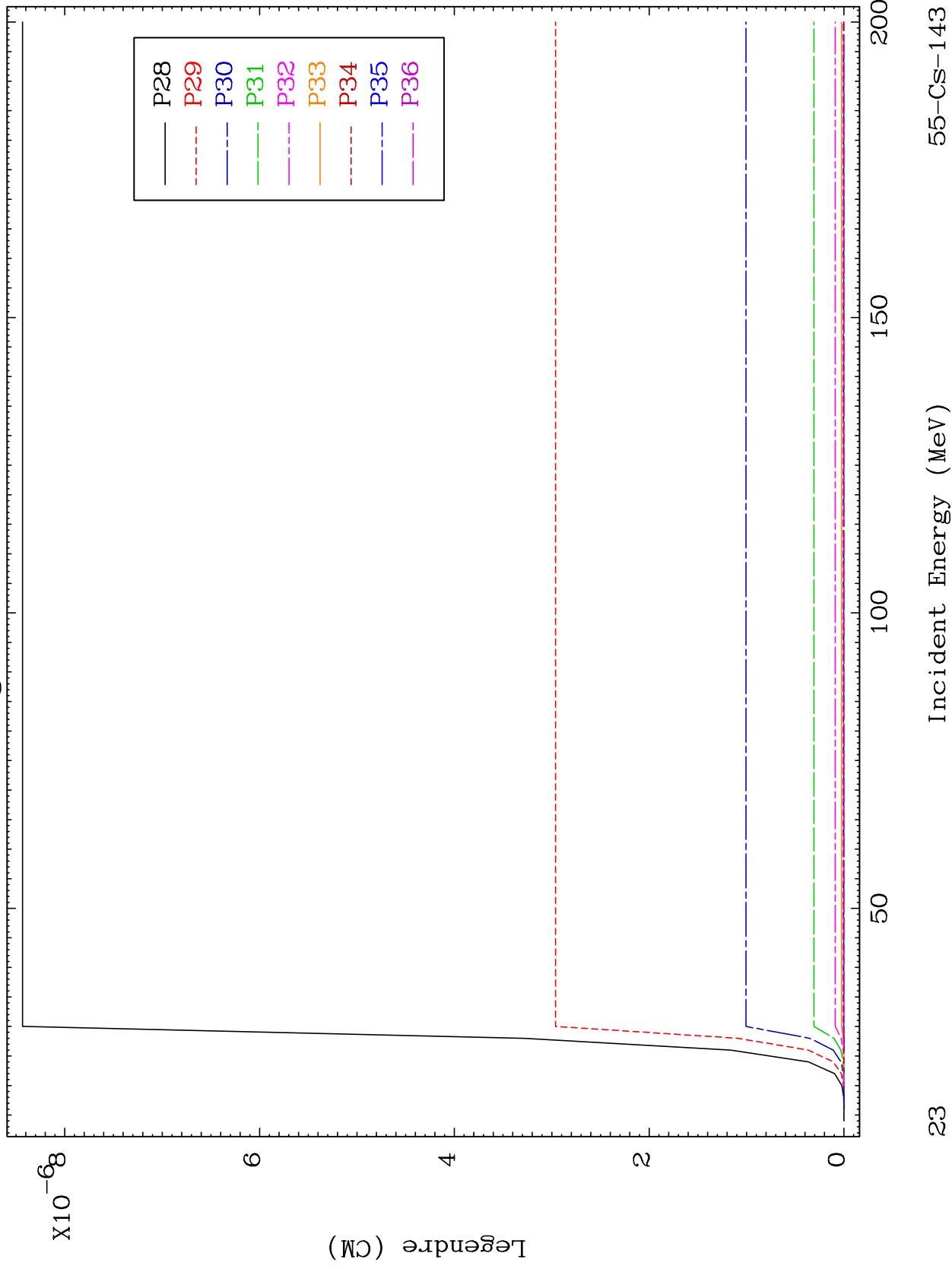
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55-Cs-143

MAT 5555

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

55-Cs-143



23

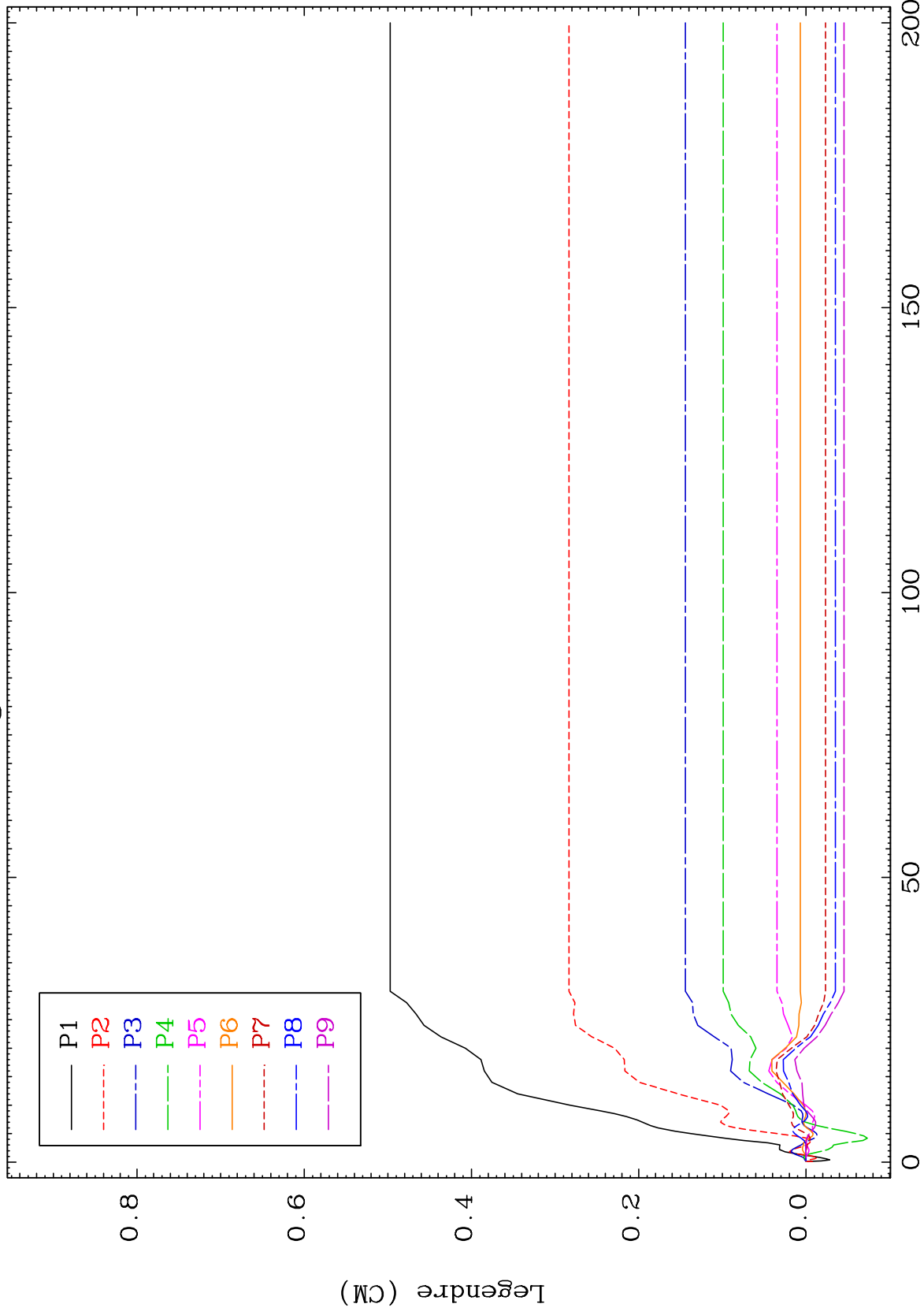
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

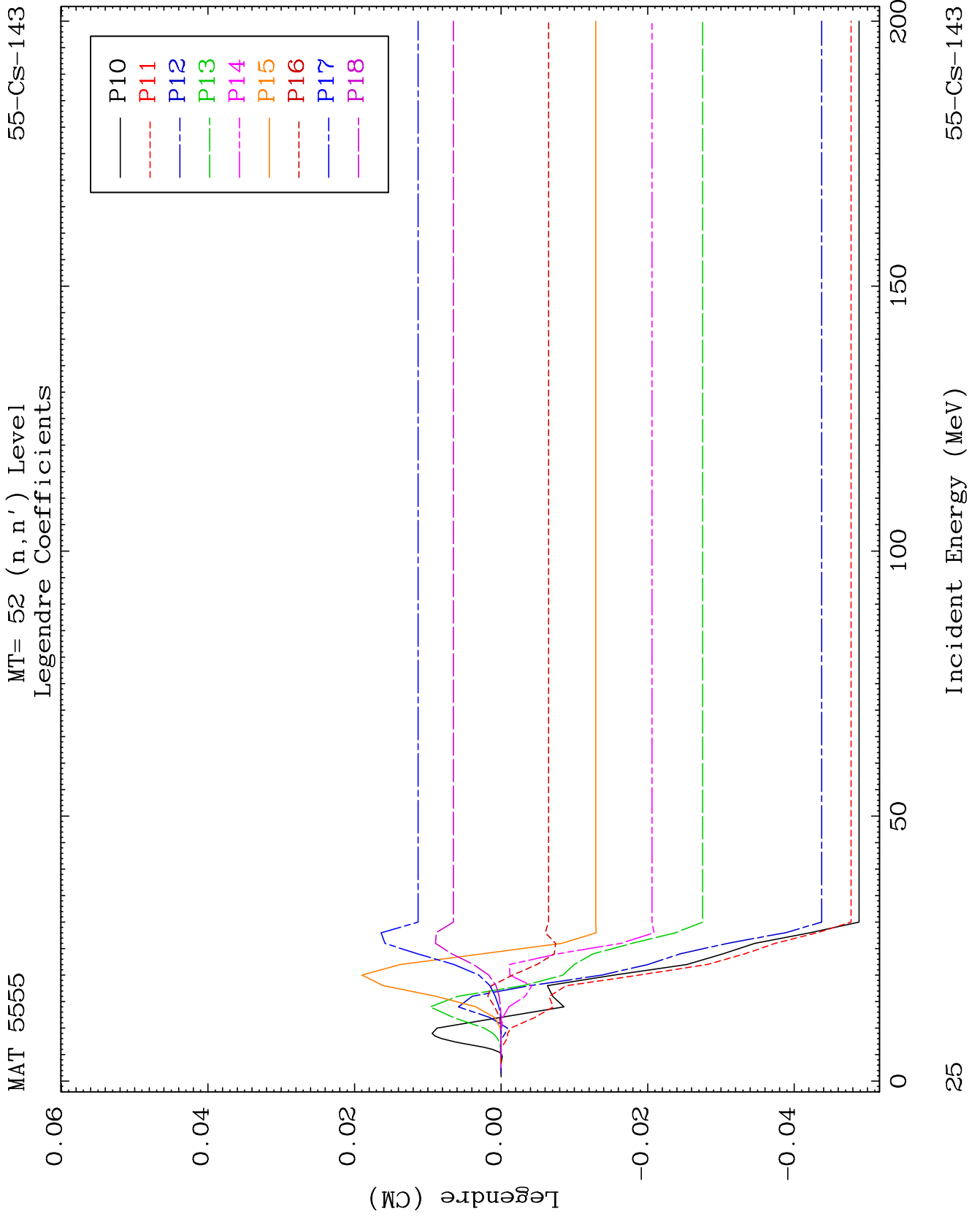
55-Cs-143



24

Incident Energy (MeV)

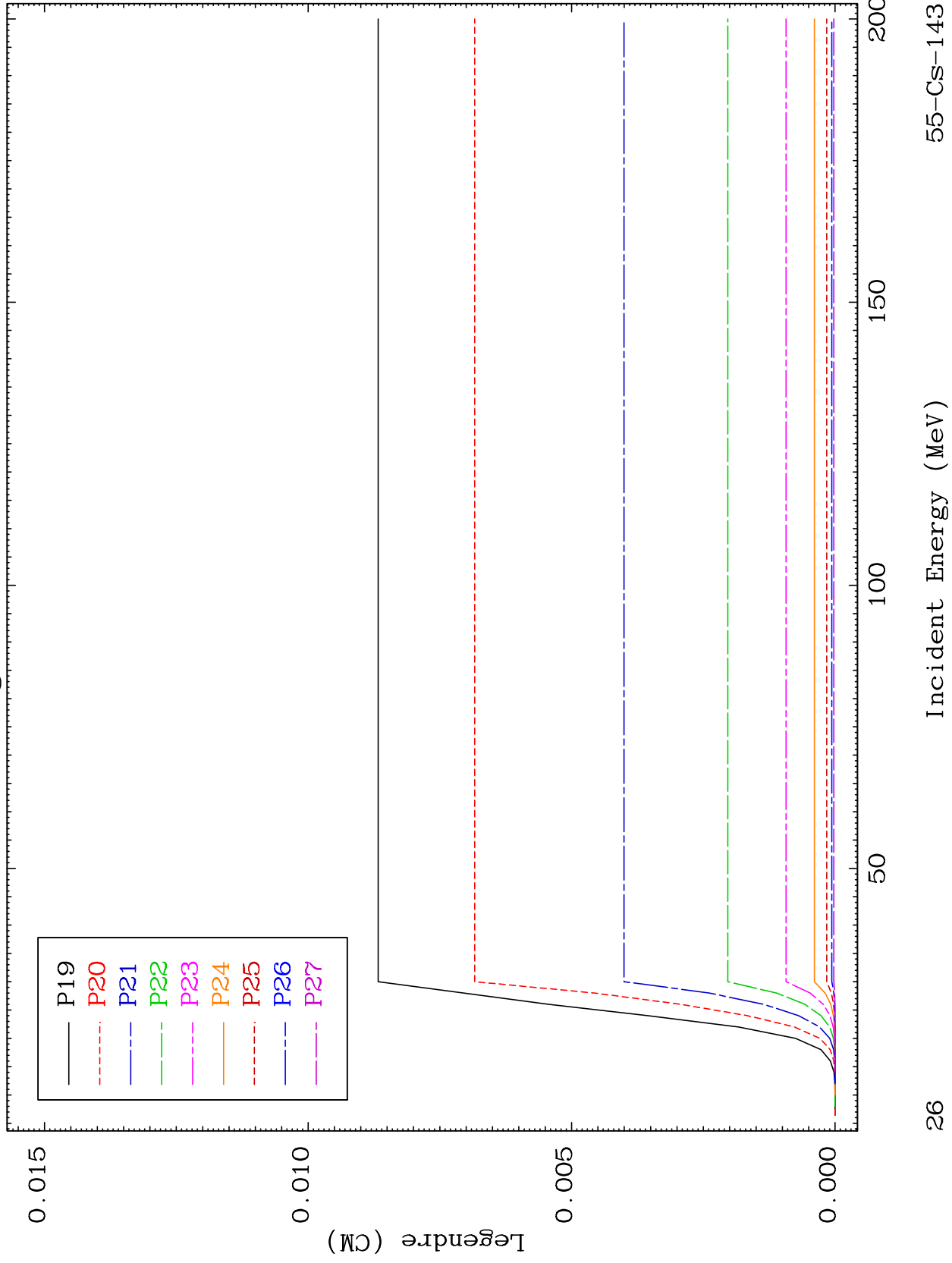
55-Cs-143



MAT 5555

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

55-Cs-143



26

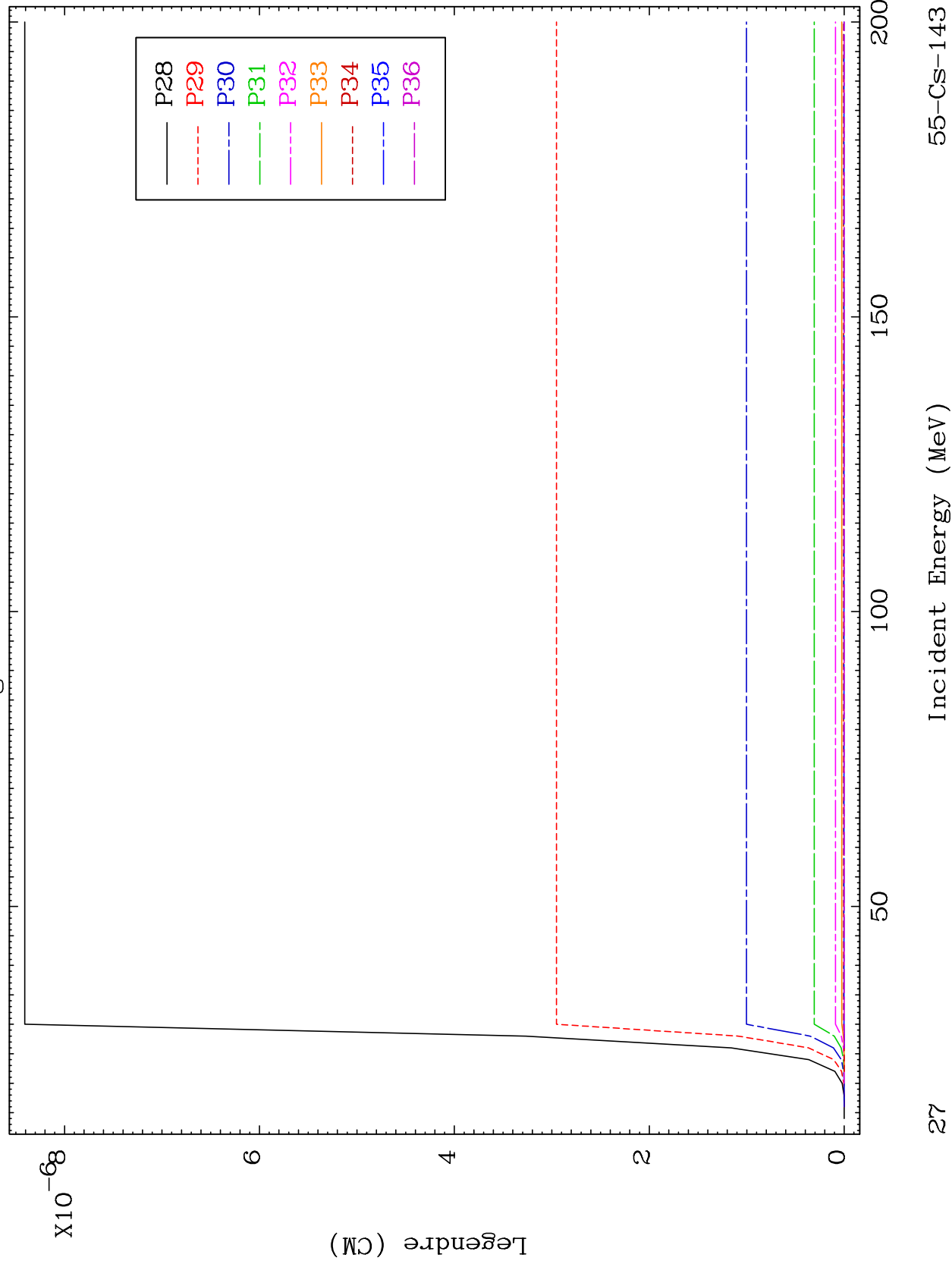
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

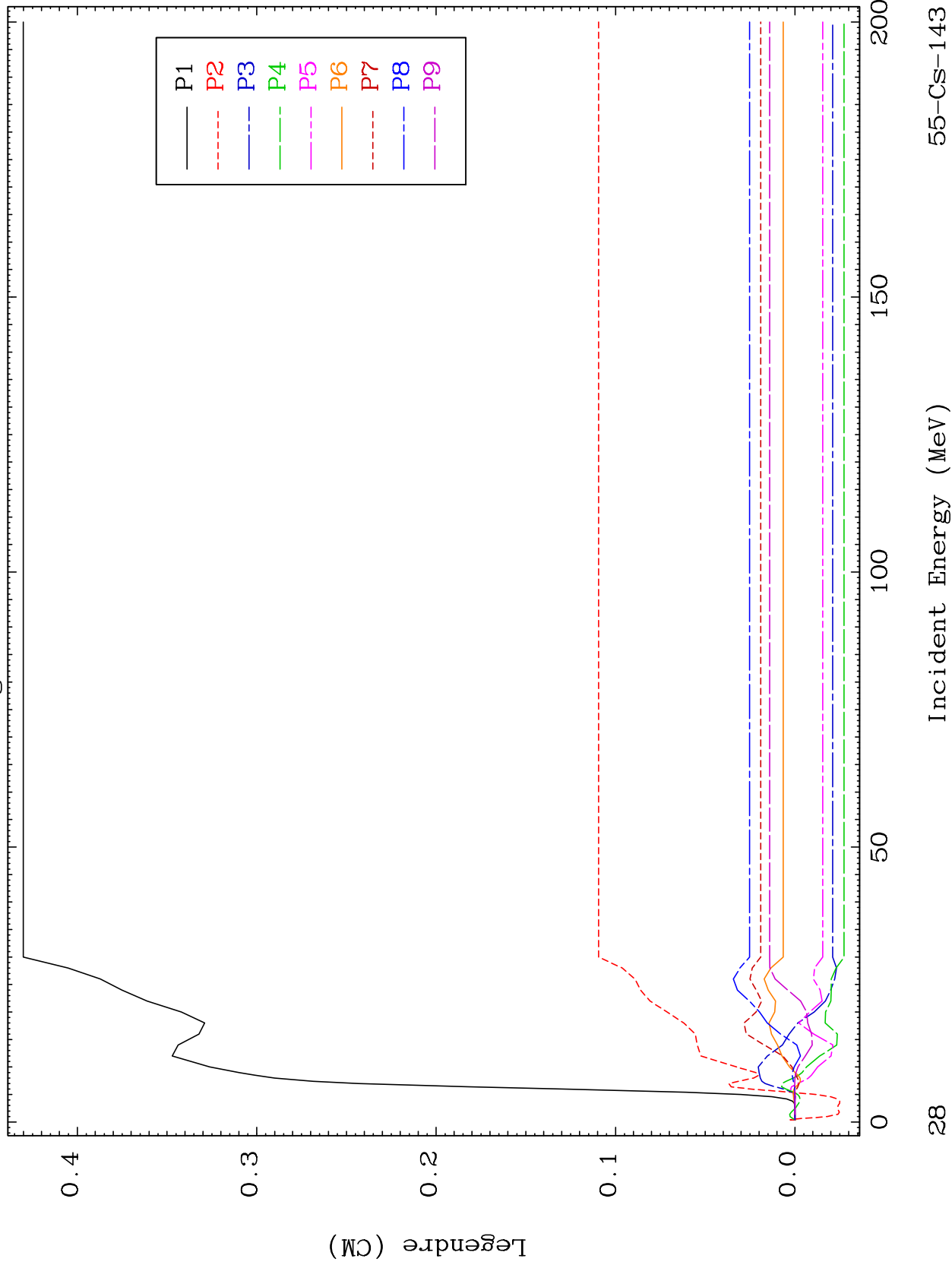
55-Cs-143



MAT 5555

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

55-Cs-143



55-Cs-143

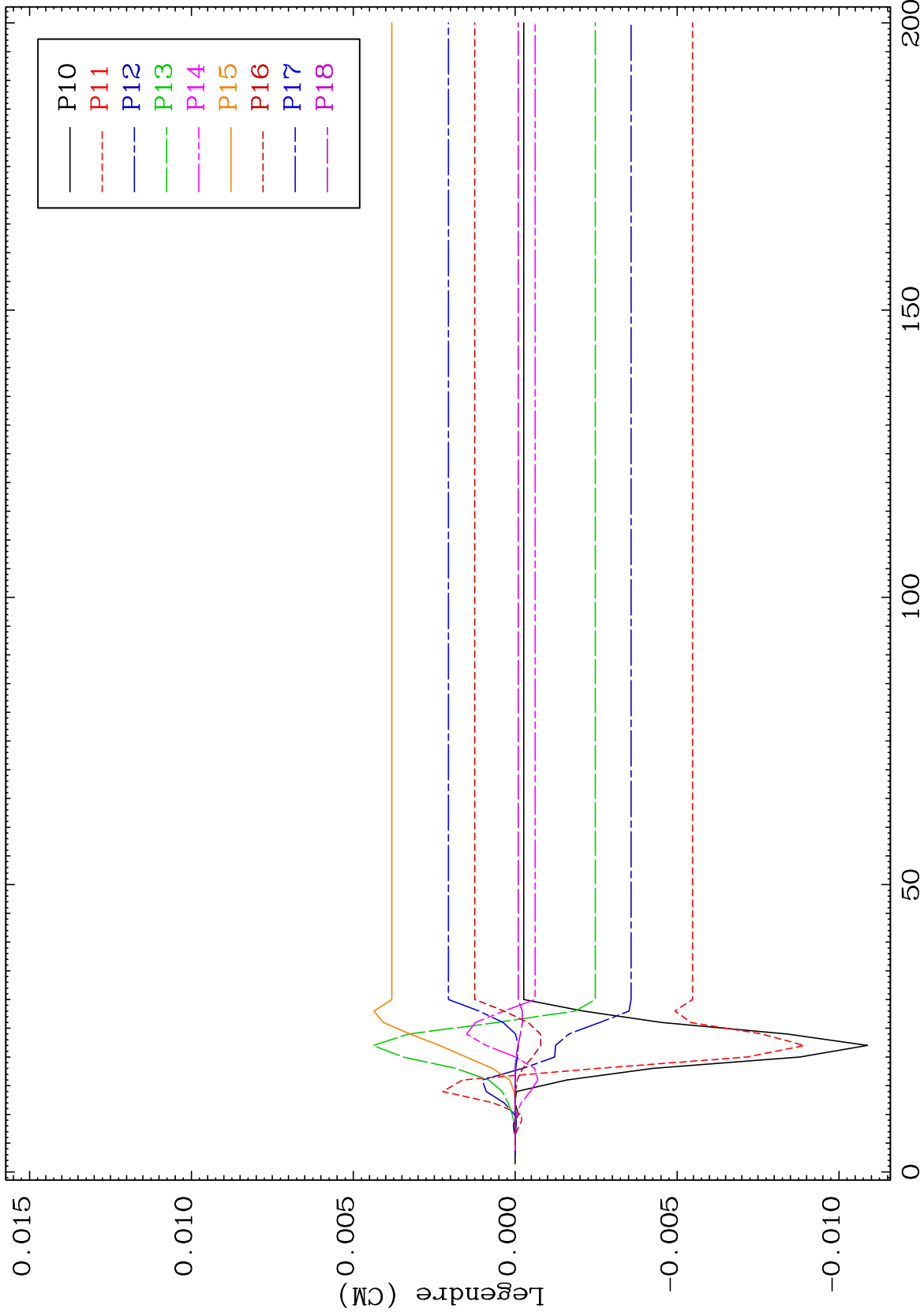
Incident Energy (MeV)

28

MAT 5555

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

55-Cs-143



29

Incident Energy (MeV)

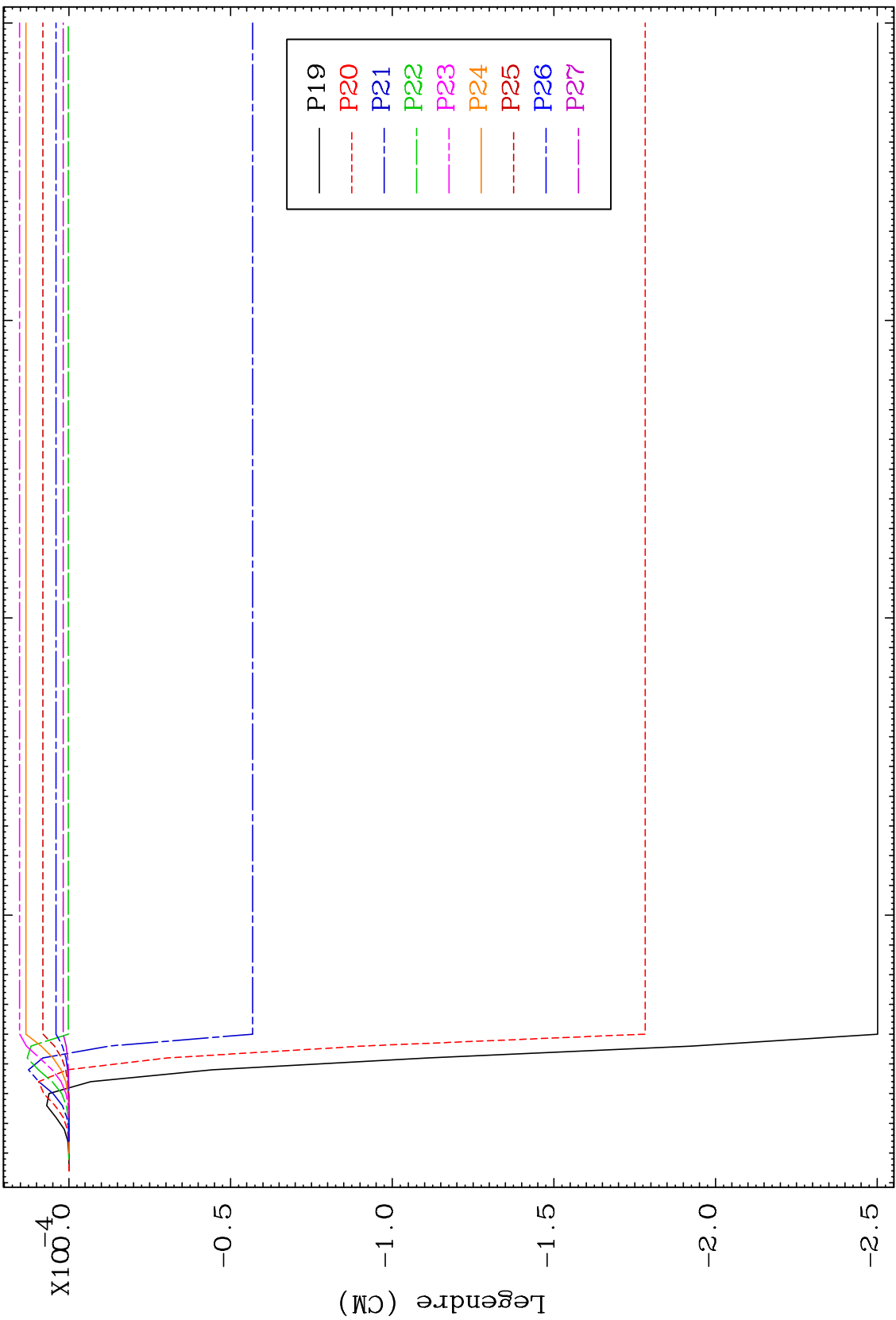
55-Cs-143

MAT 5555

MT= 53 (n,n') Level

55-Cs-143

Legendre Coefficients



55-Cs-143

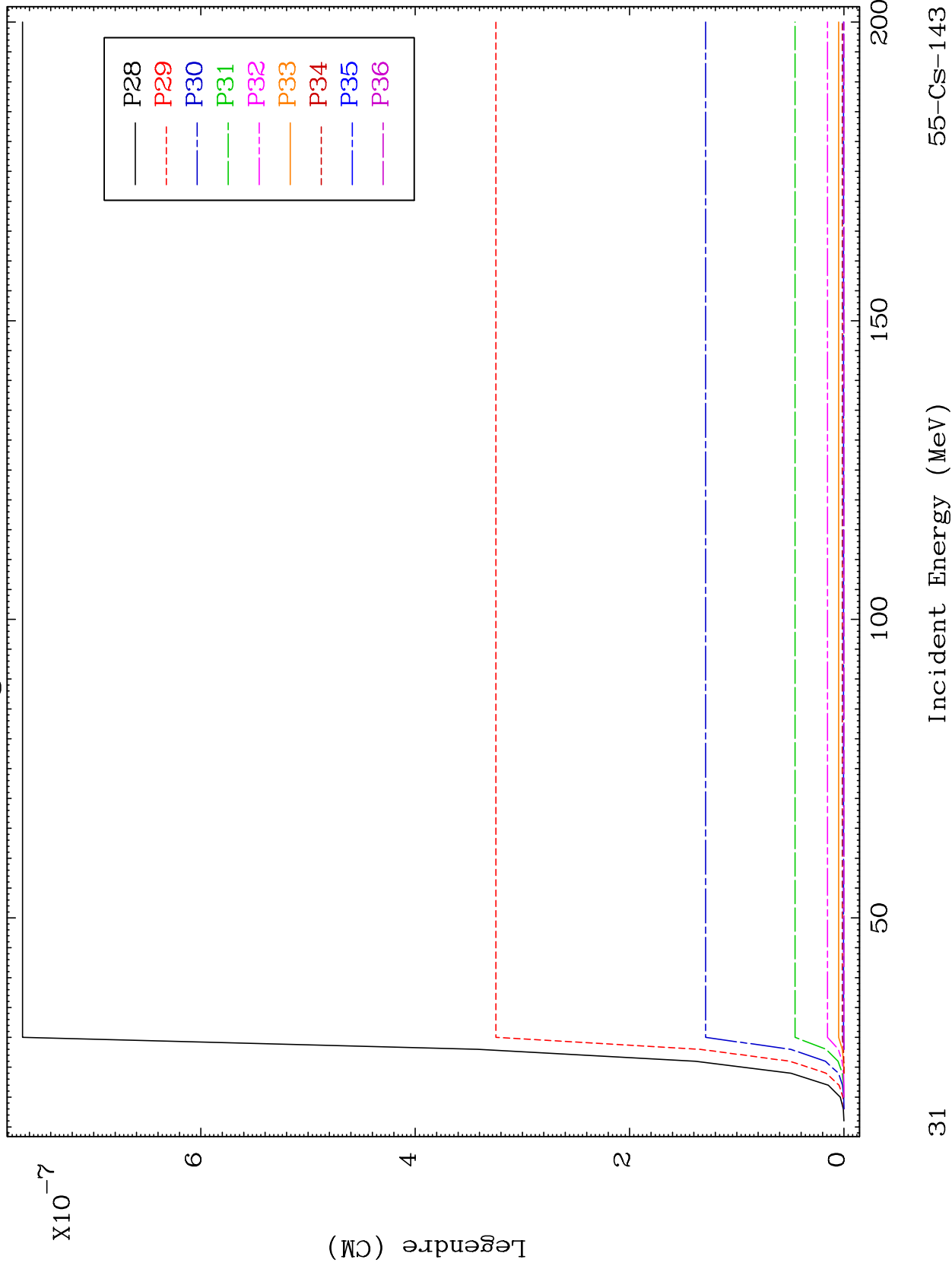
Incident Energy (MeV)

30

MAT 5555

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

55-Cs-143



31

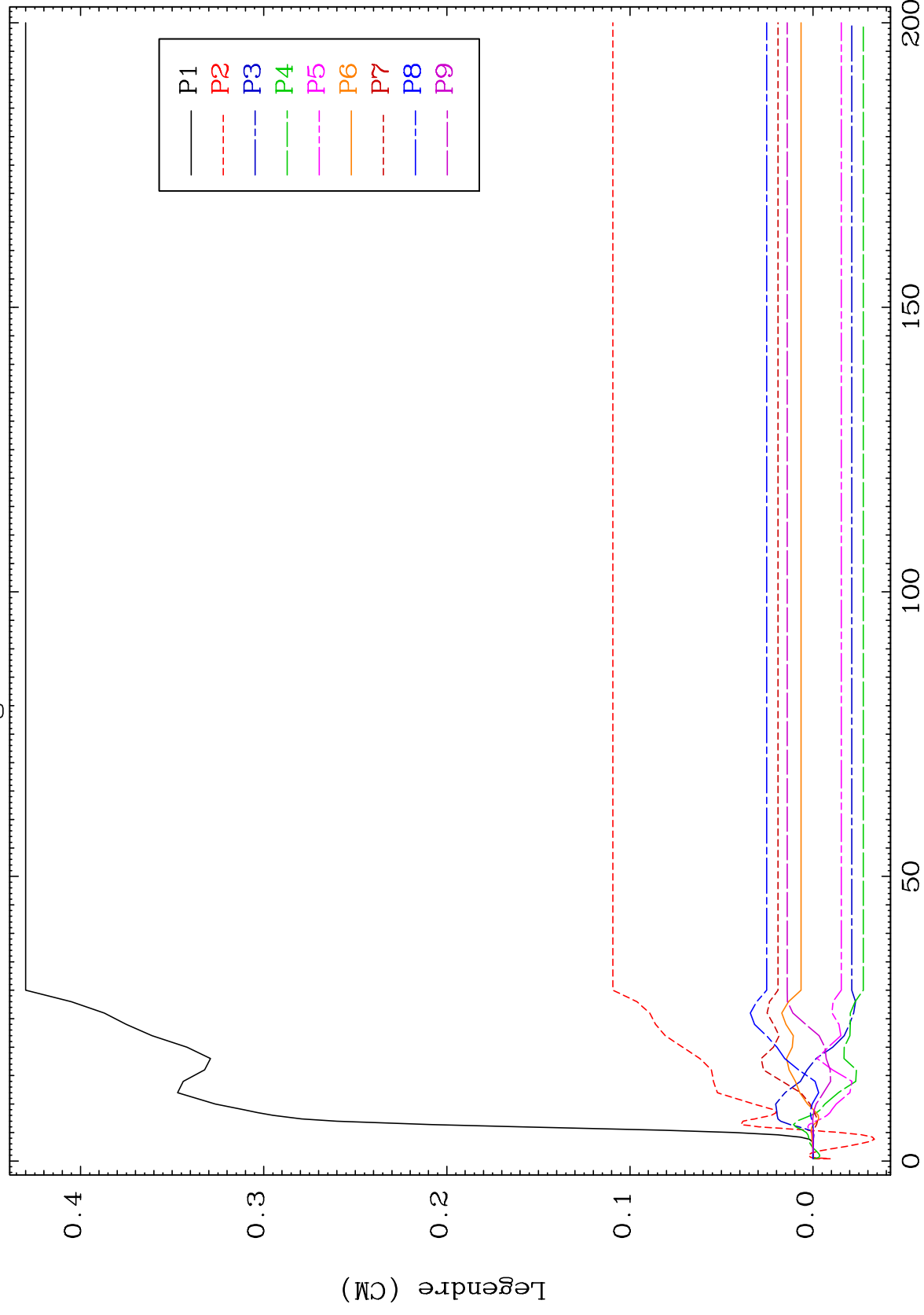
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



32

Incident Energy (MeV)

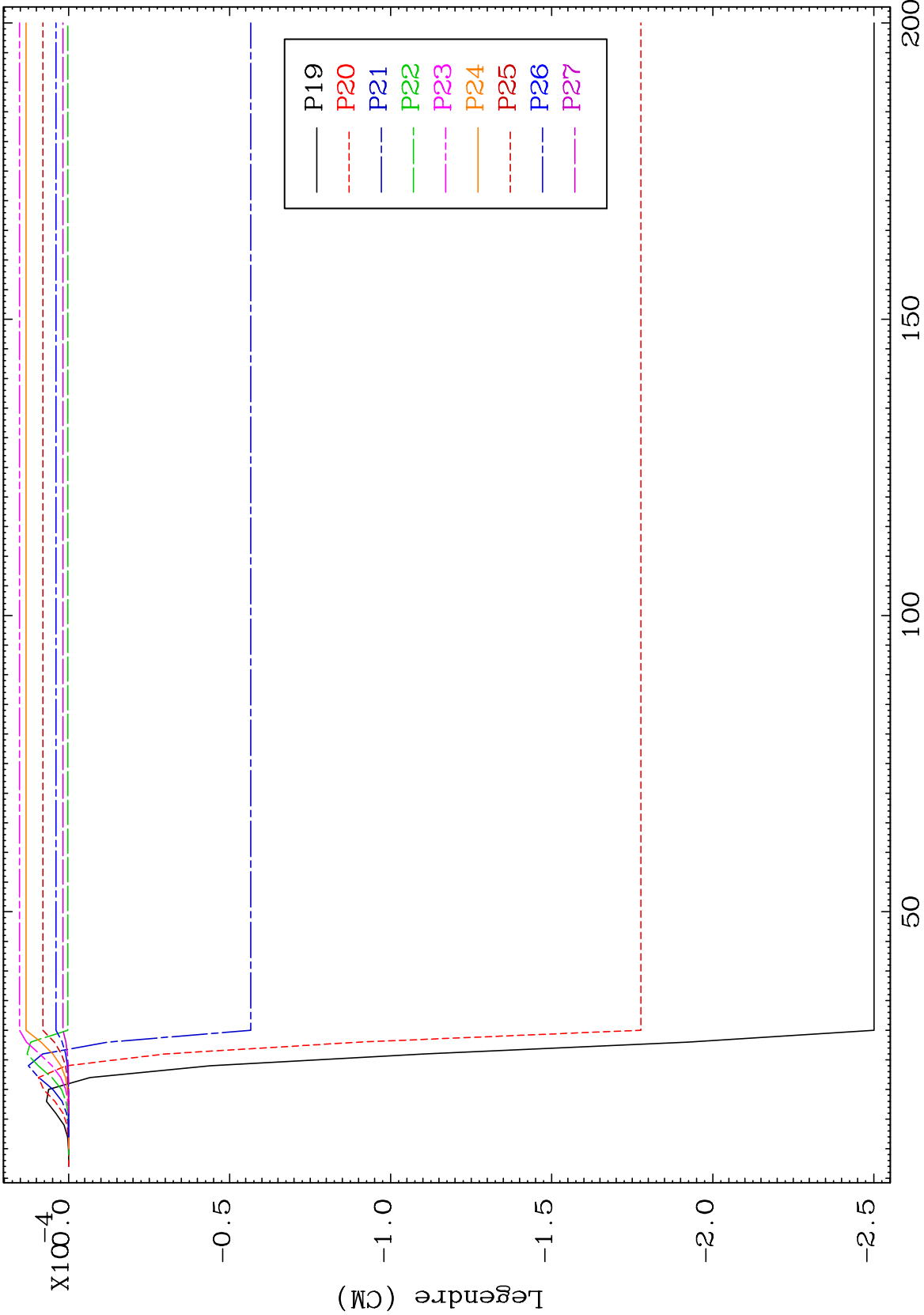
55-Cs-143

MAT 5555

MT= 54 (n,n') Level

55-Cs-143

Legendre Coefficients



55-Cs-143

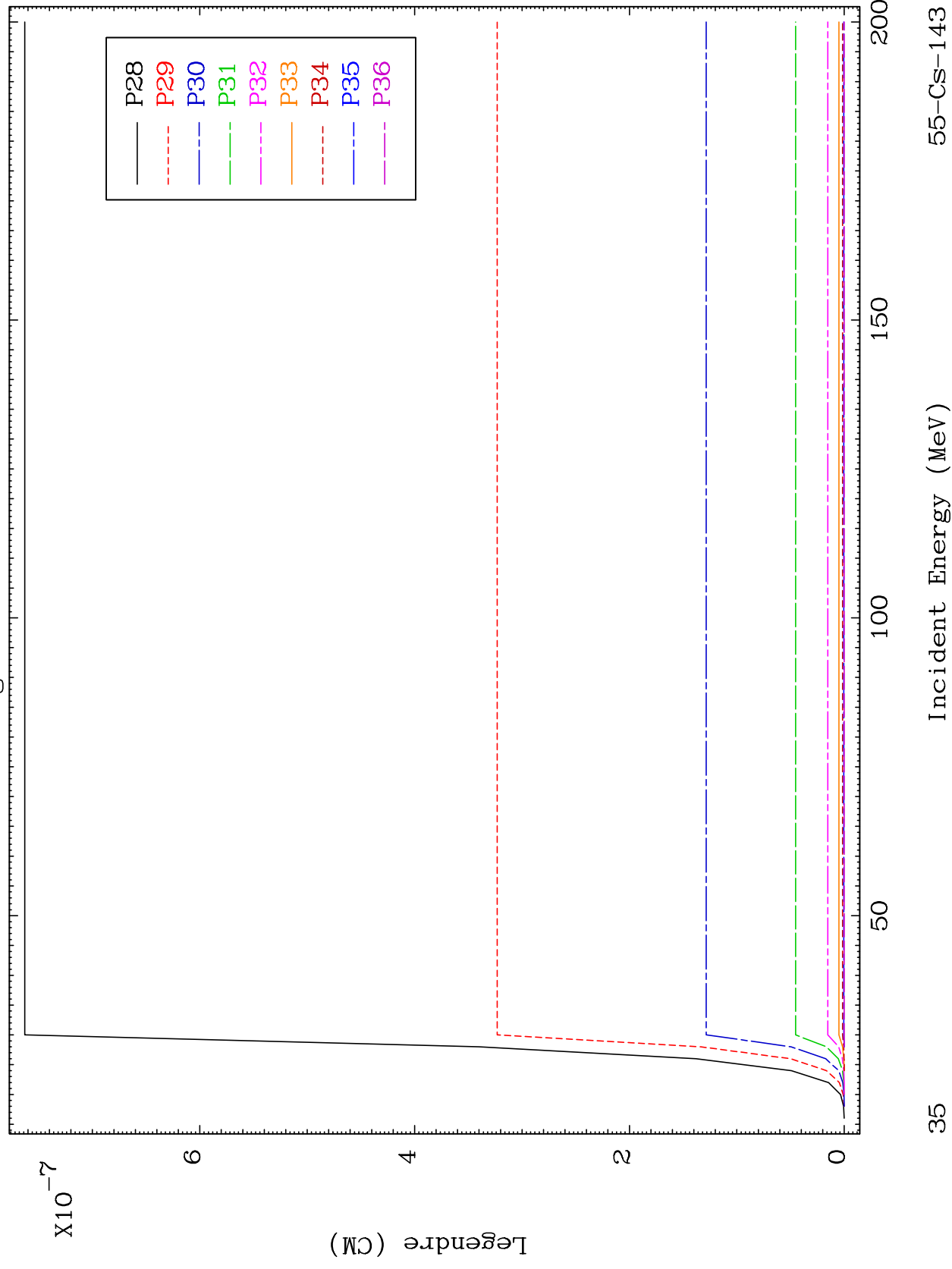
Incident Energy (MeV)

34

MAT 5555

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

55-Cs-143



35

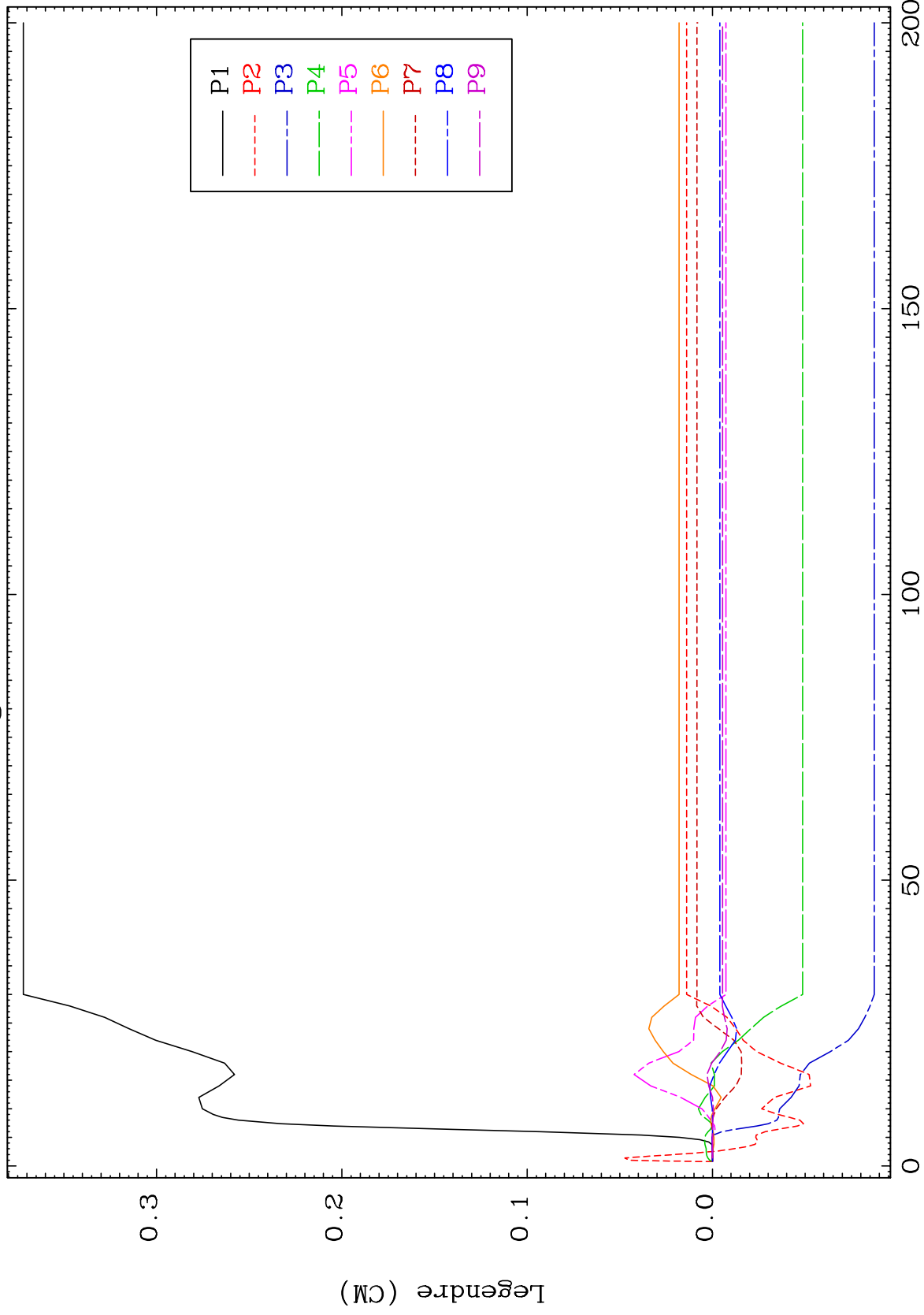
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

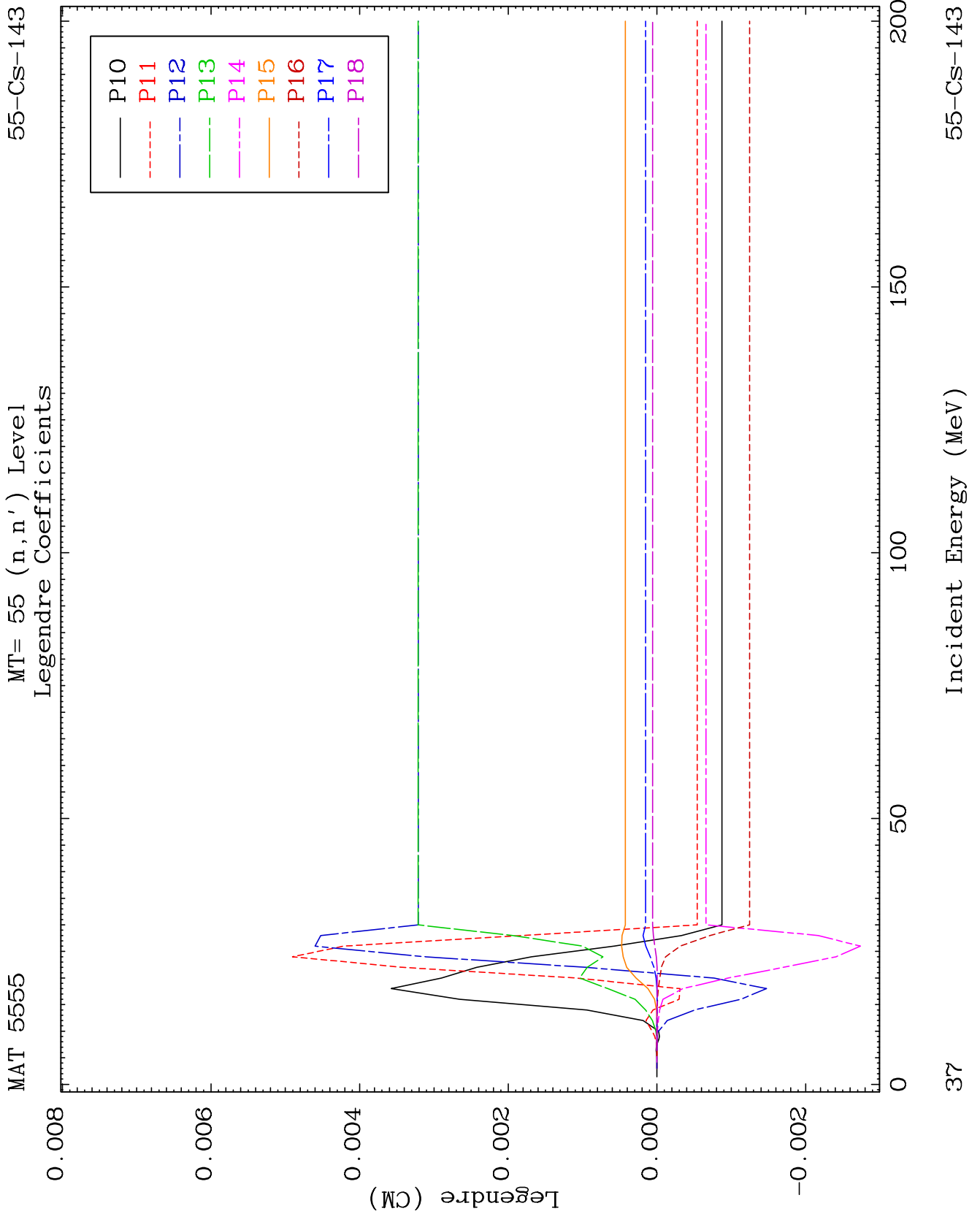
55-Cs-143



36

Incident Energy (MeV)

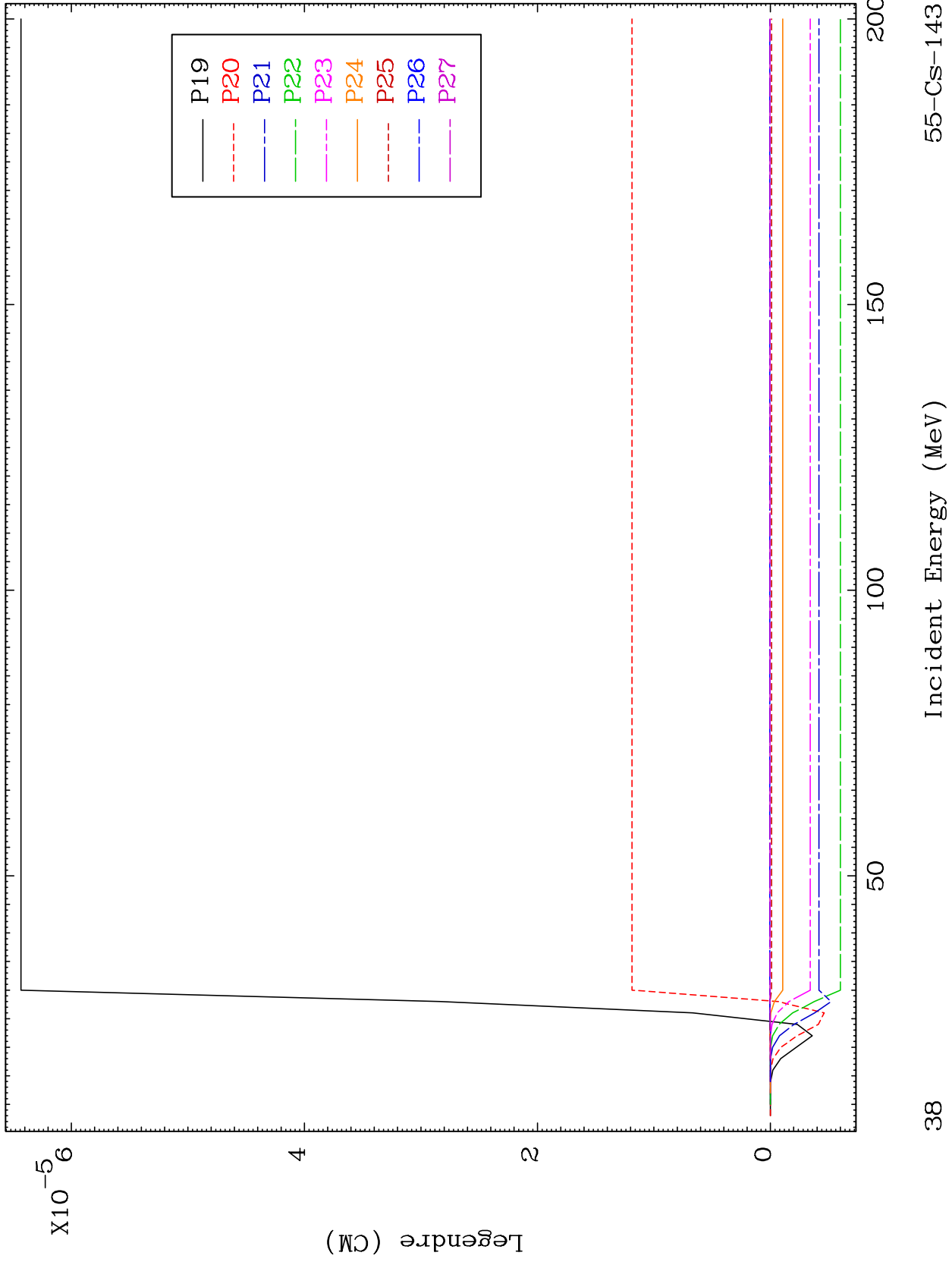
55-Cs-143

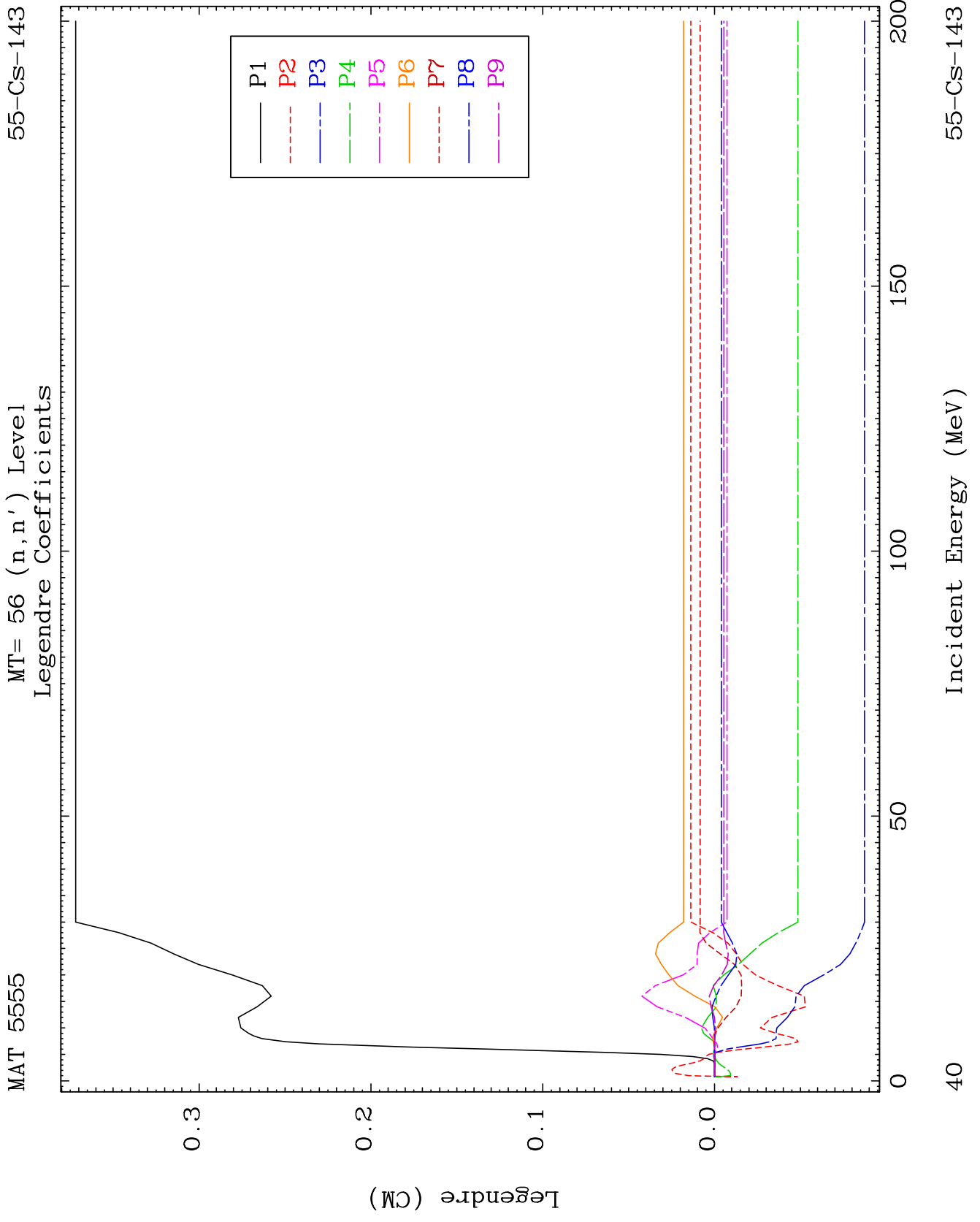


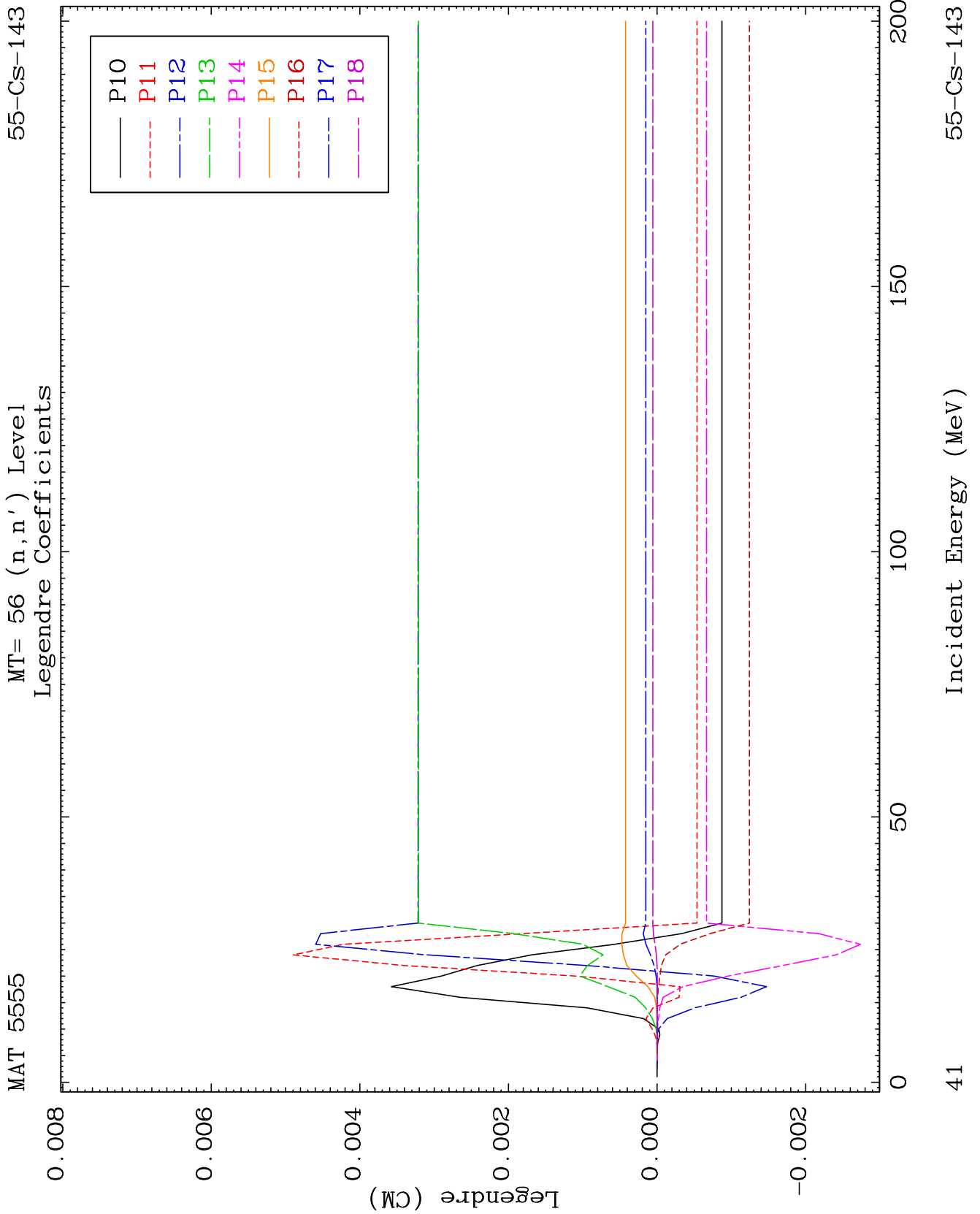
MAT 5555

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

55-Cs-143



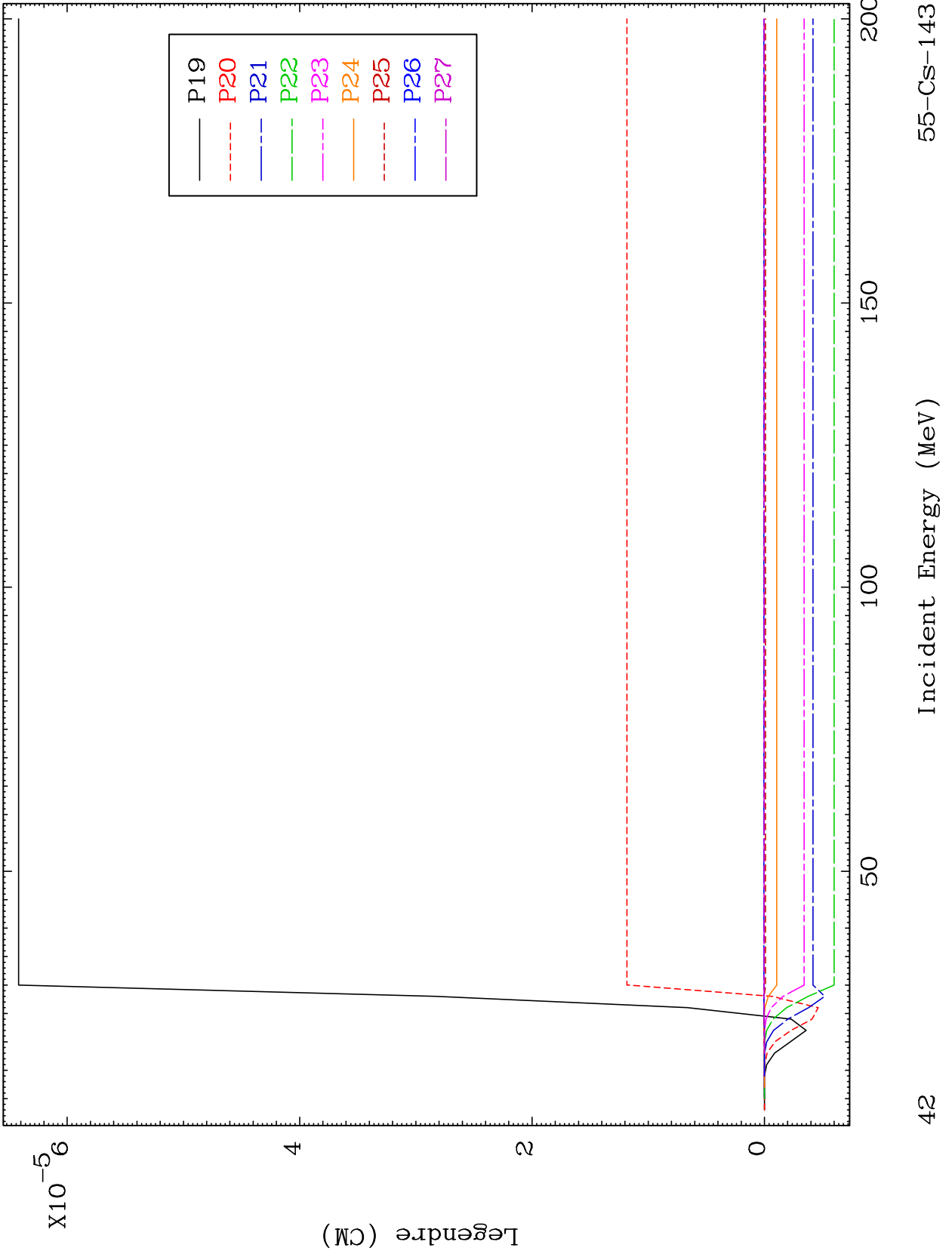




MAT 5555

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

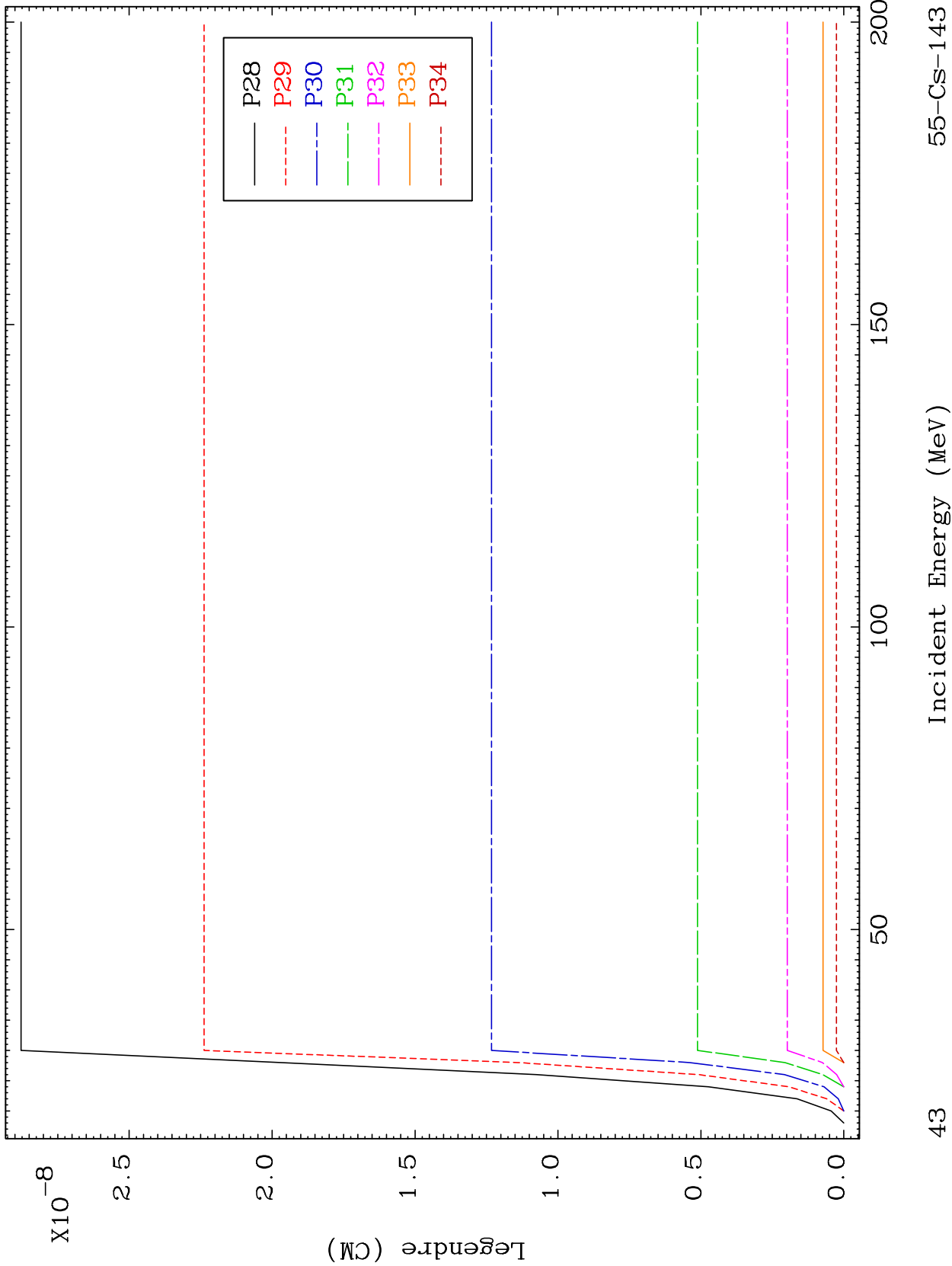
55-Cs-143



MAT 5555

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

55-Cs-143



43

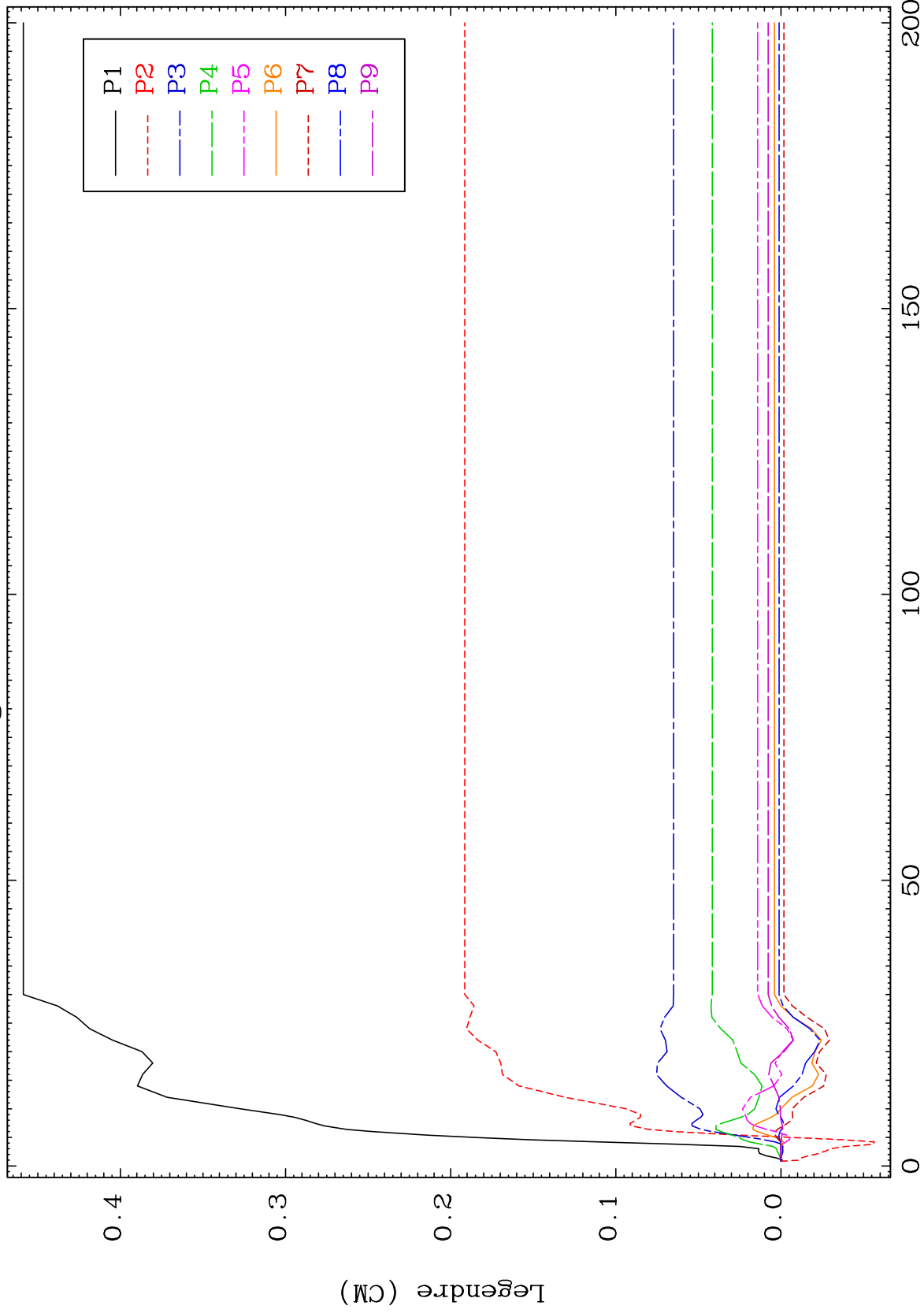
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



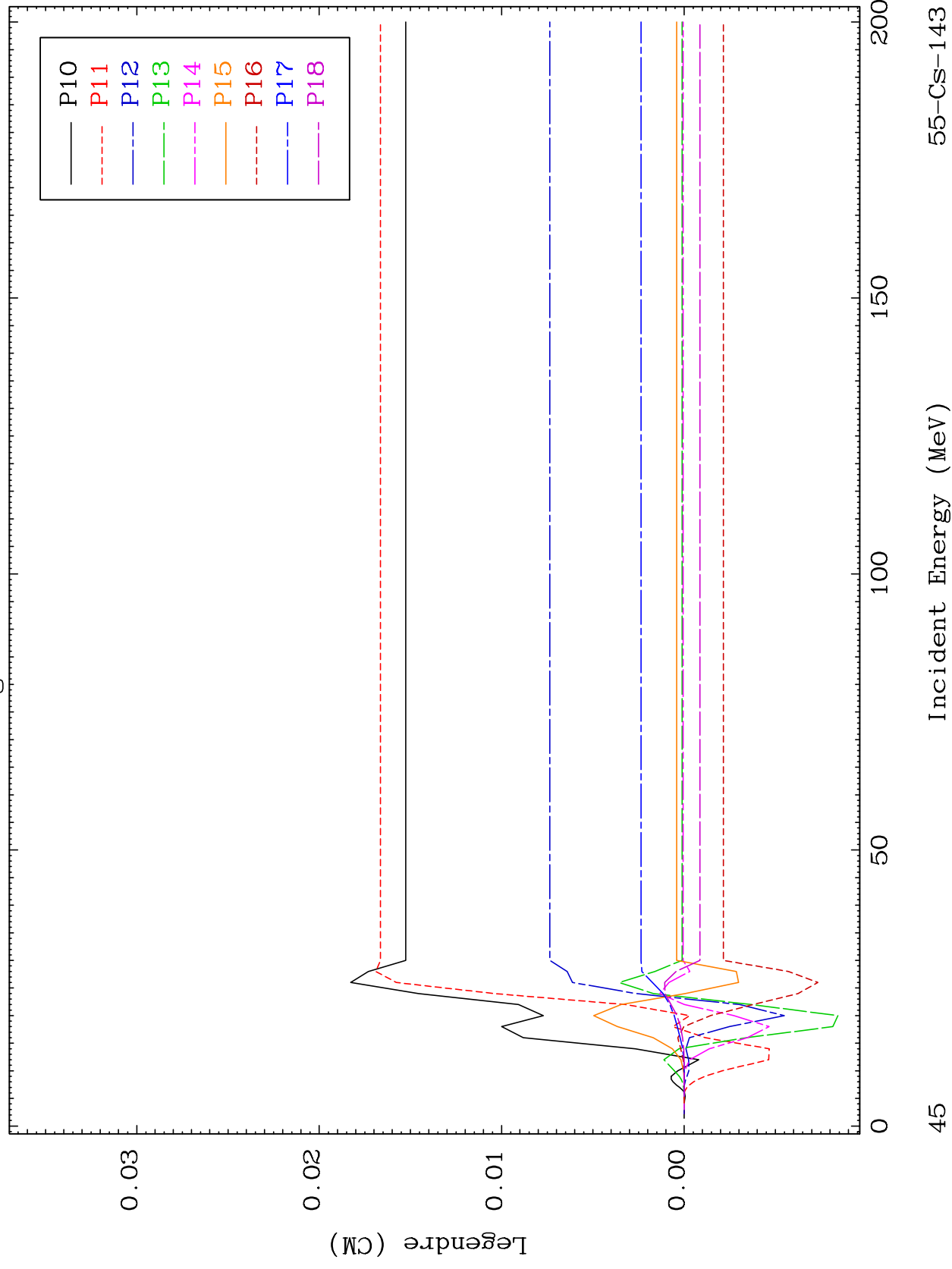
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55-Cs-143

MAT 5555

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

55-Cs-143



55-Cs-143

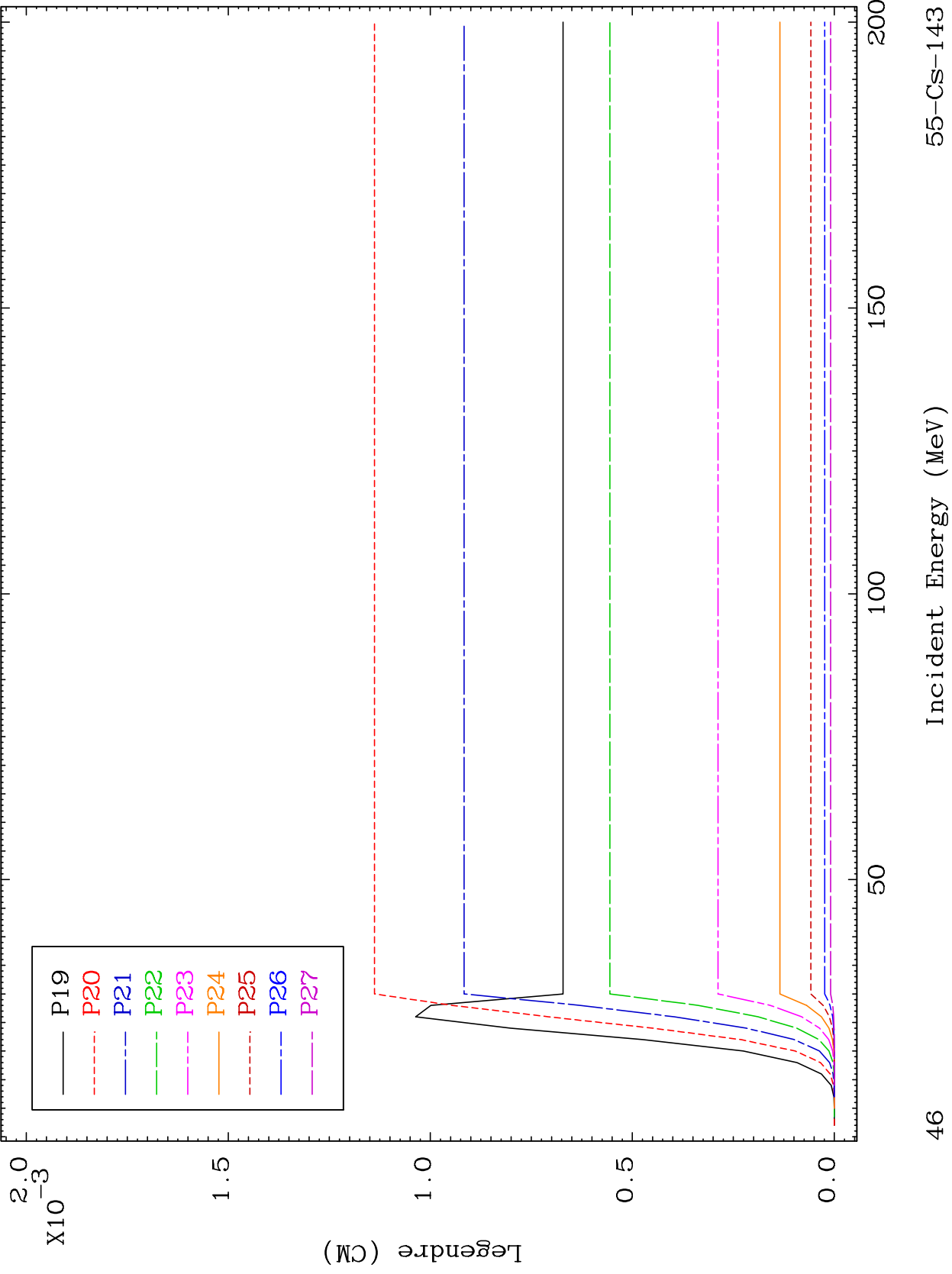
Incident Energy (MeV)

45

MAT 5555

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

55-Cs-143



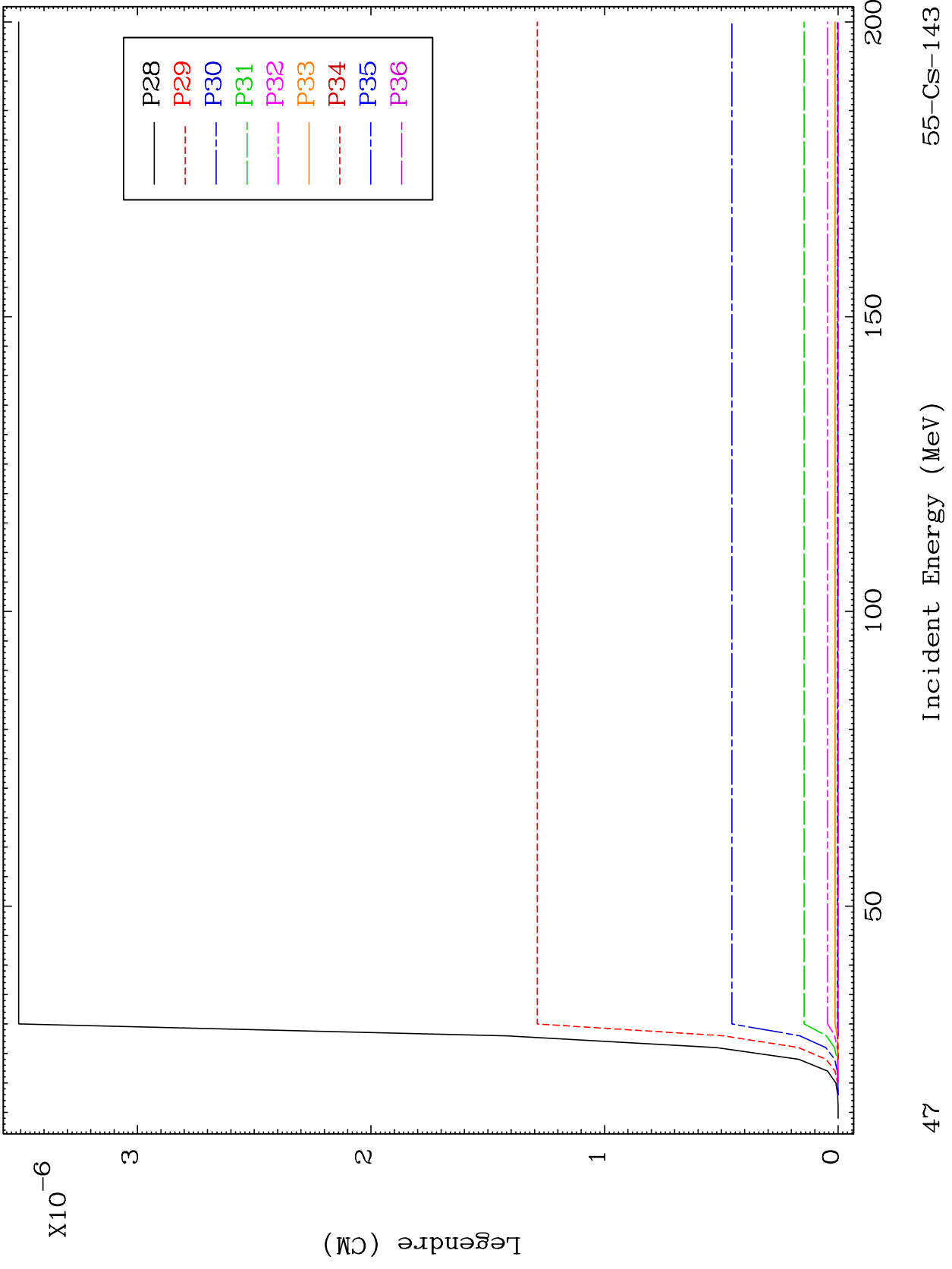
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55-Cs-143

MAT 5555

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

55-Cs-143



47

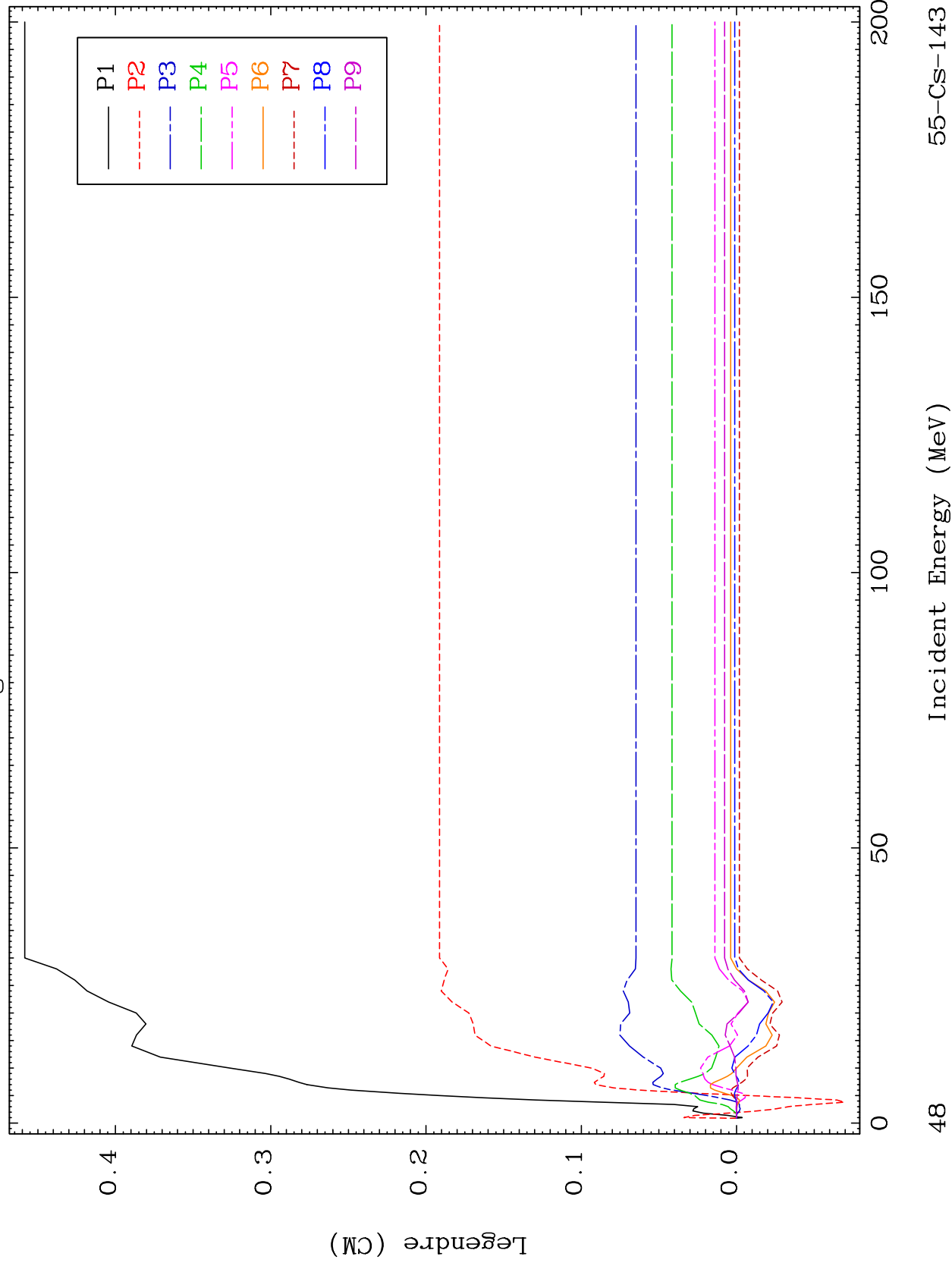
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



55-Cs-143

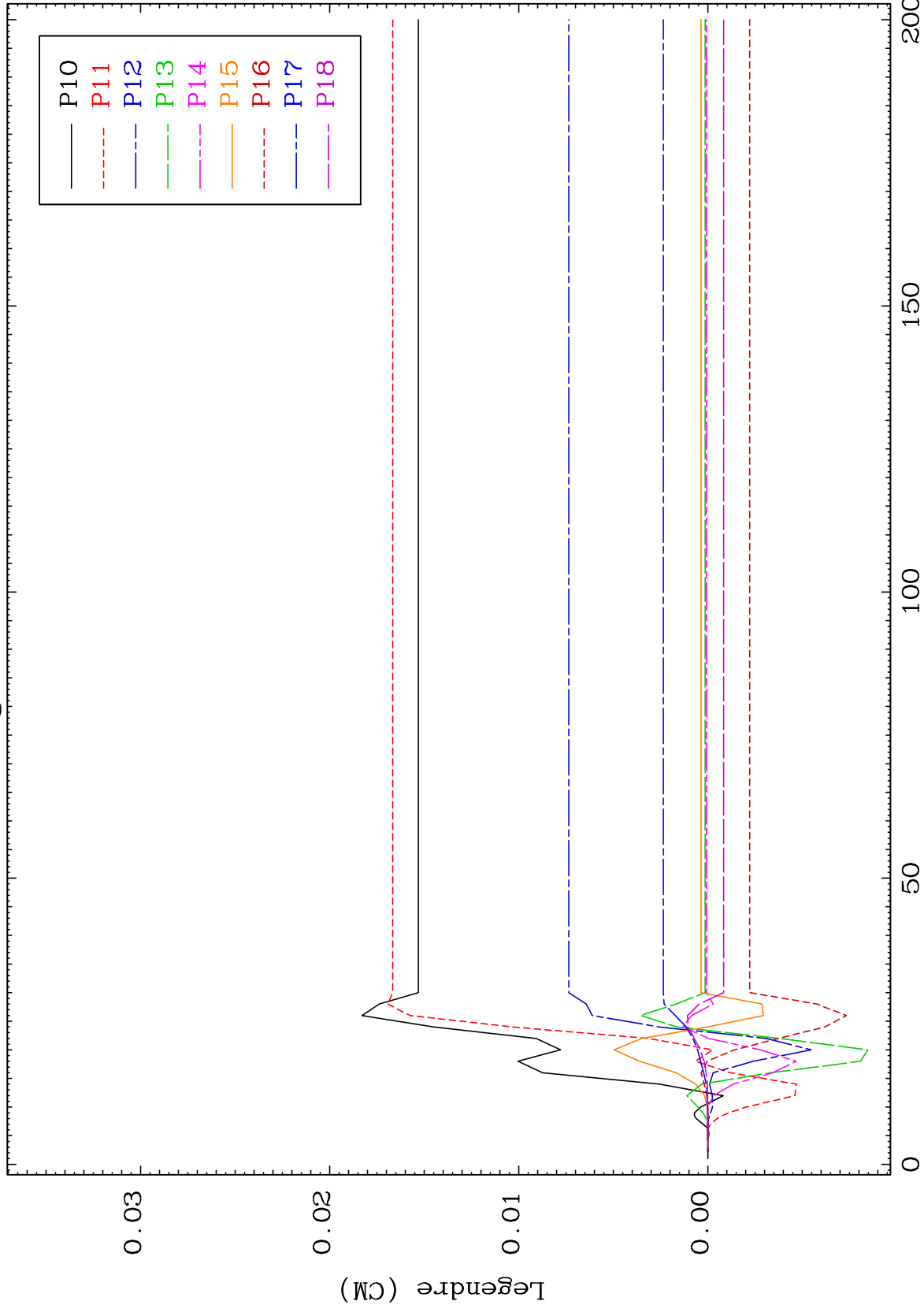
Incident Energy (MeV)

48

MAT 5555

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

55-Cs-143



49

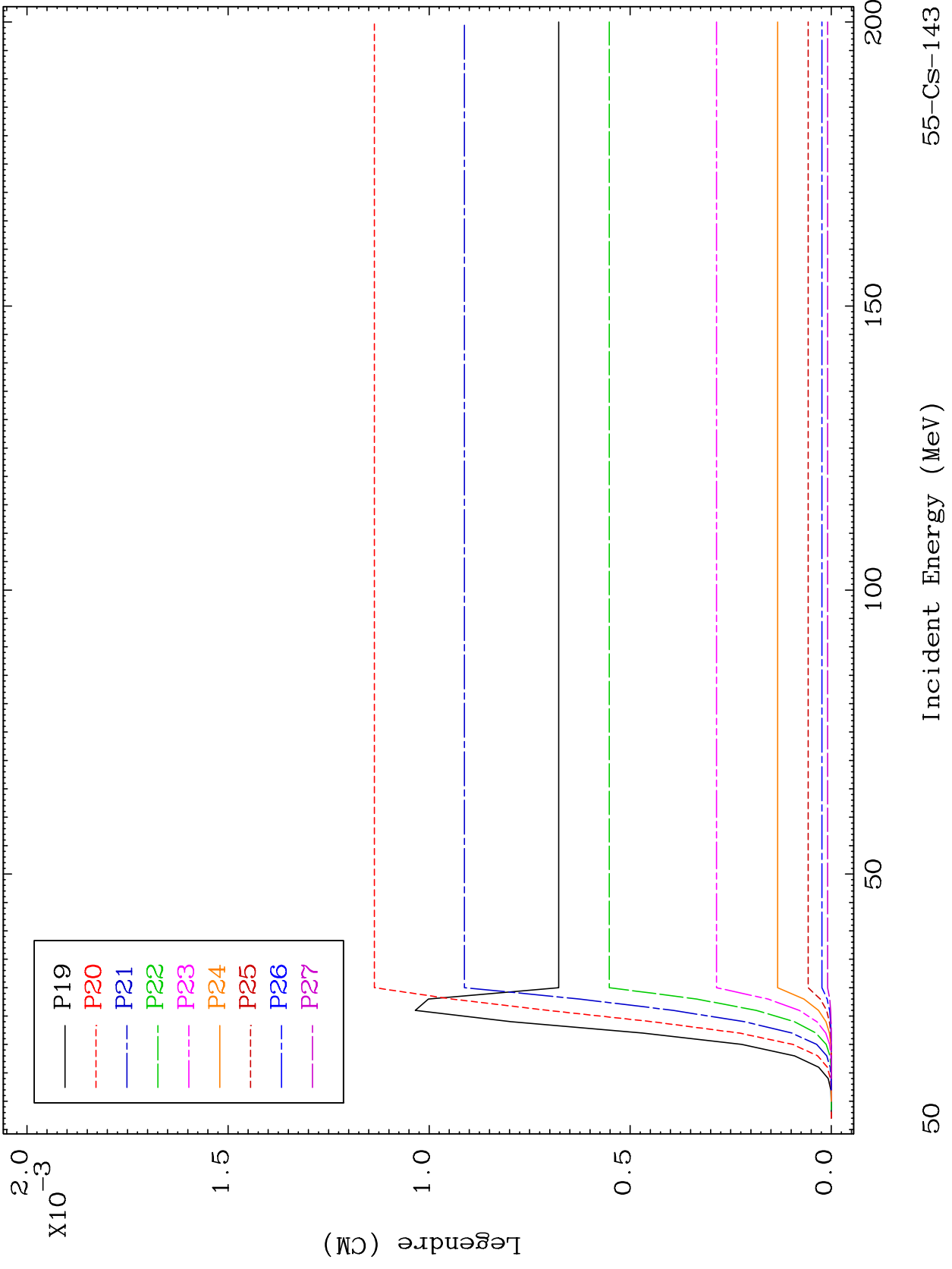
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



55-Cs-143

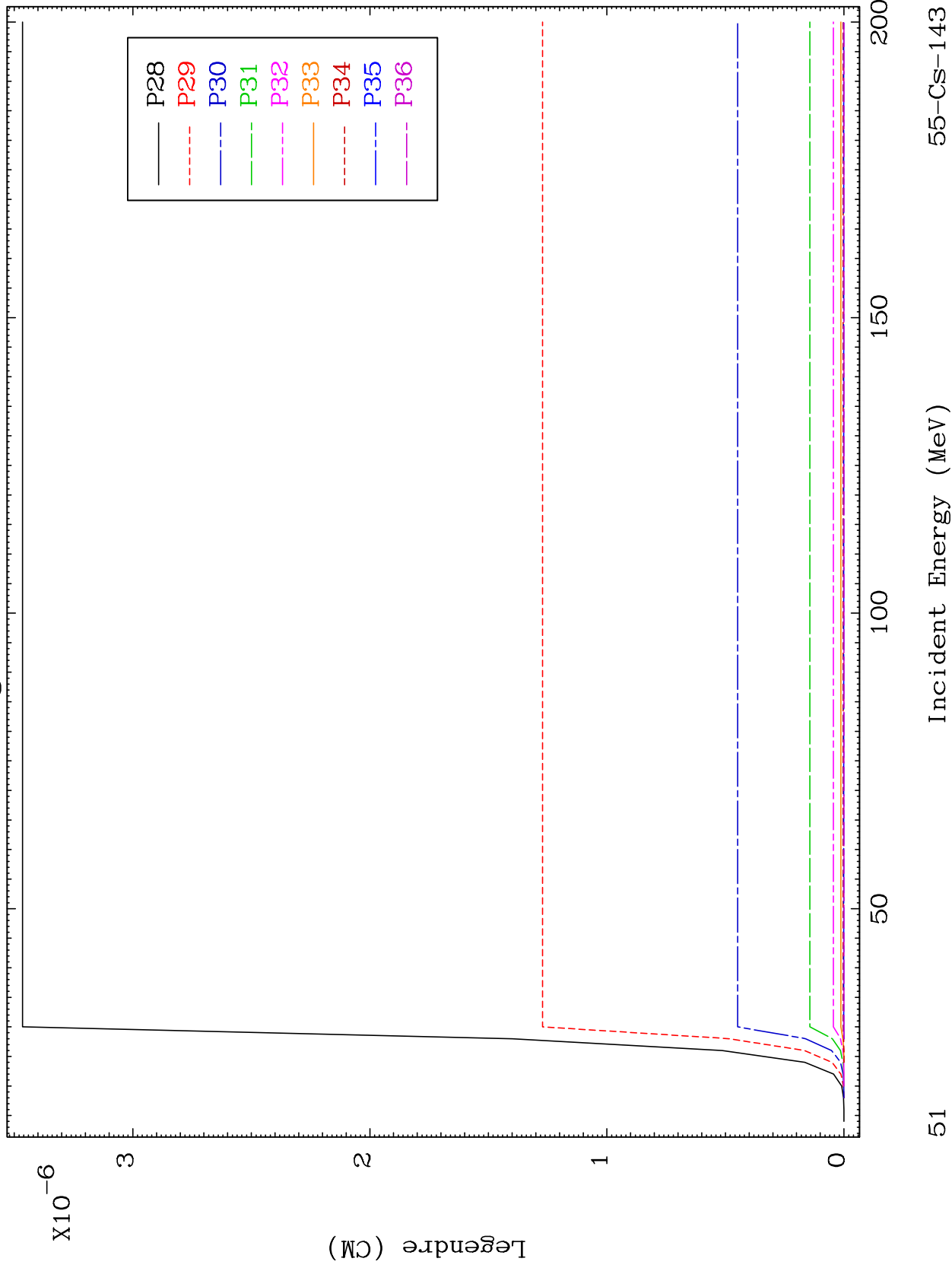
Incident Energy (MeV)

50

MAT 5555

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

55-Cs-143



51

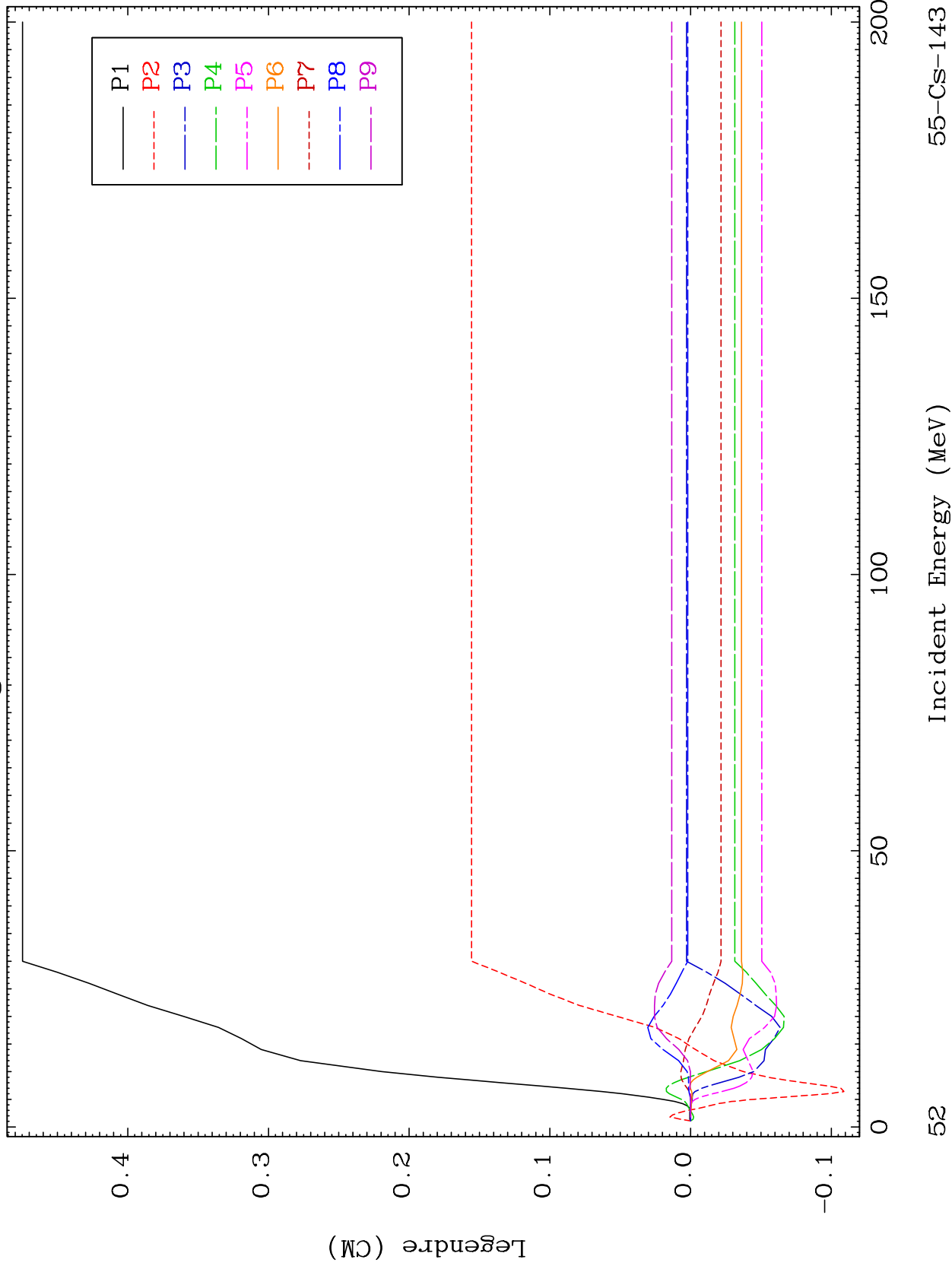
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



55-Cs-143

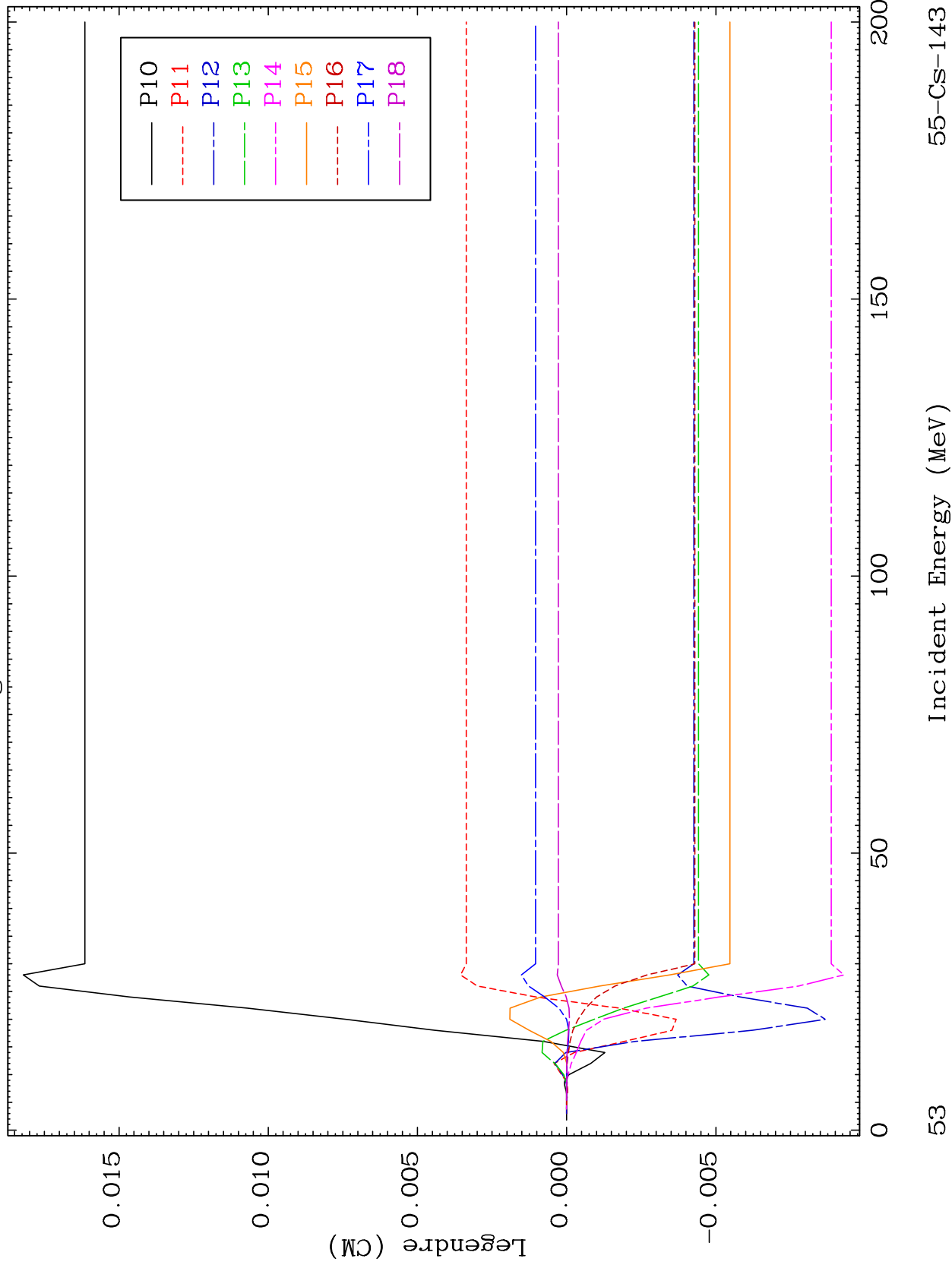
Incident Energy (MeV)

52

MAT 5555

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

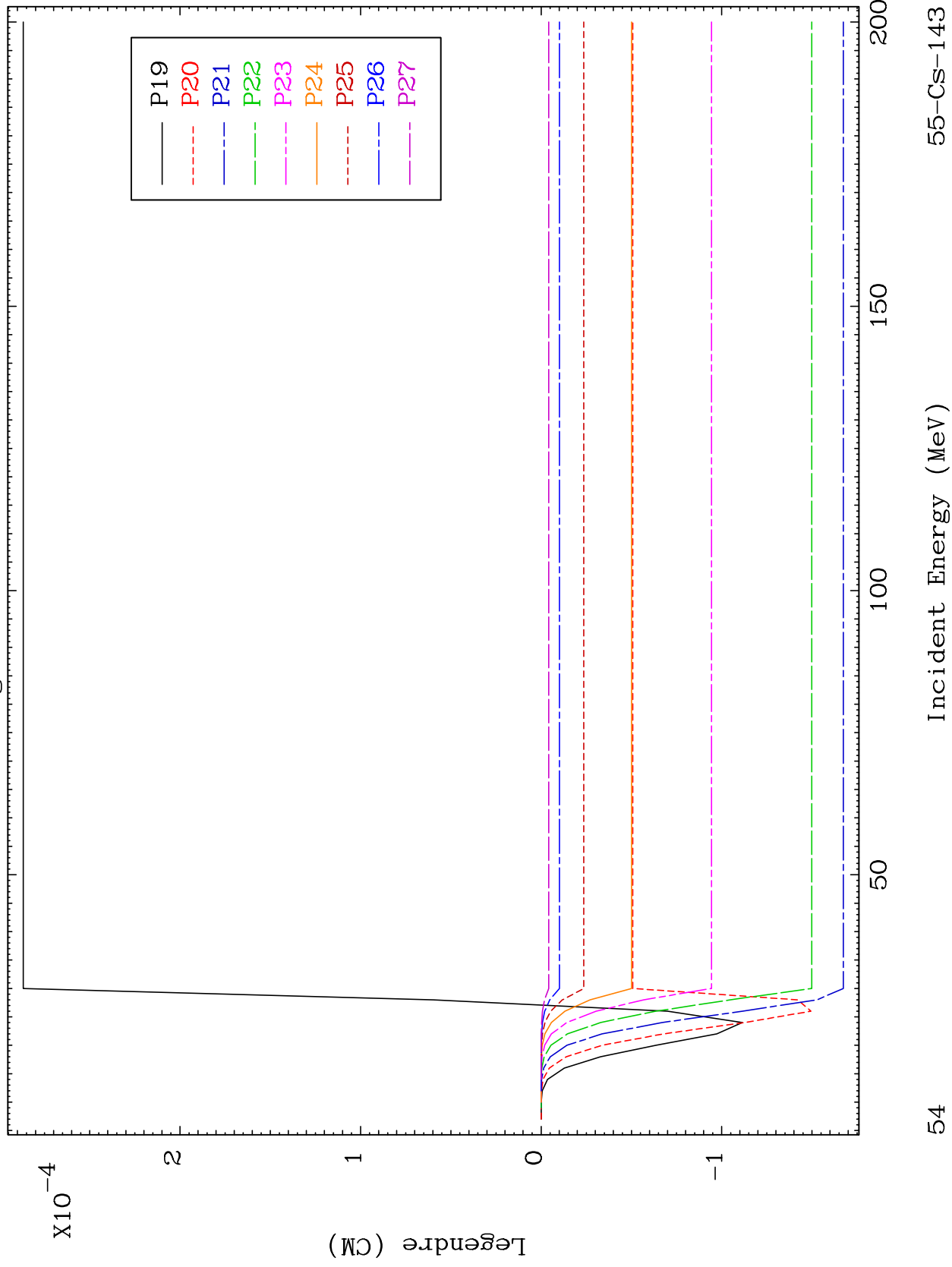
55-Cs-143

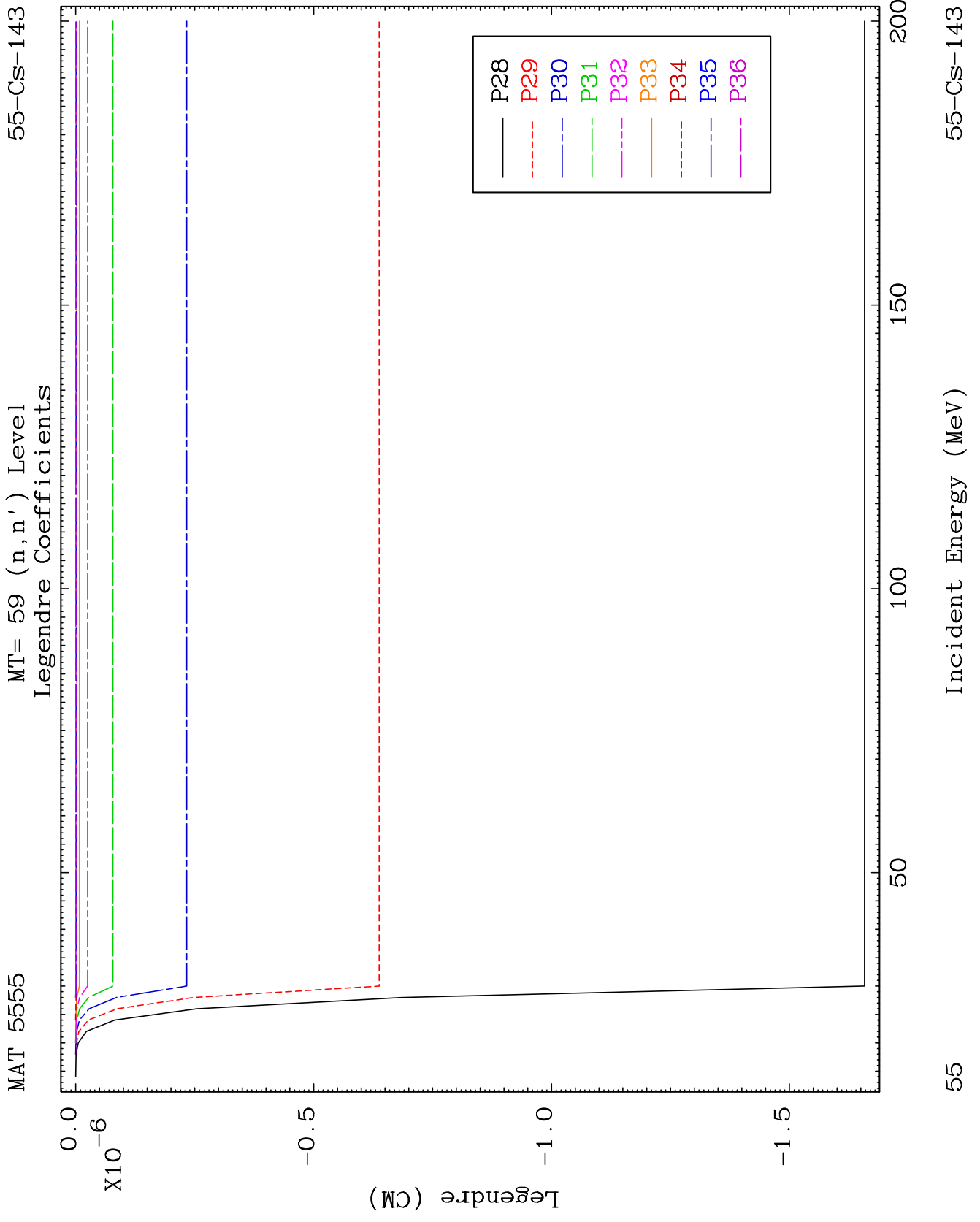


MAT 5555

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

55-Cs-143

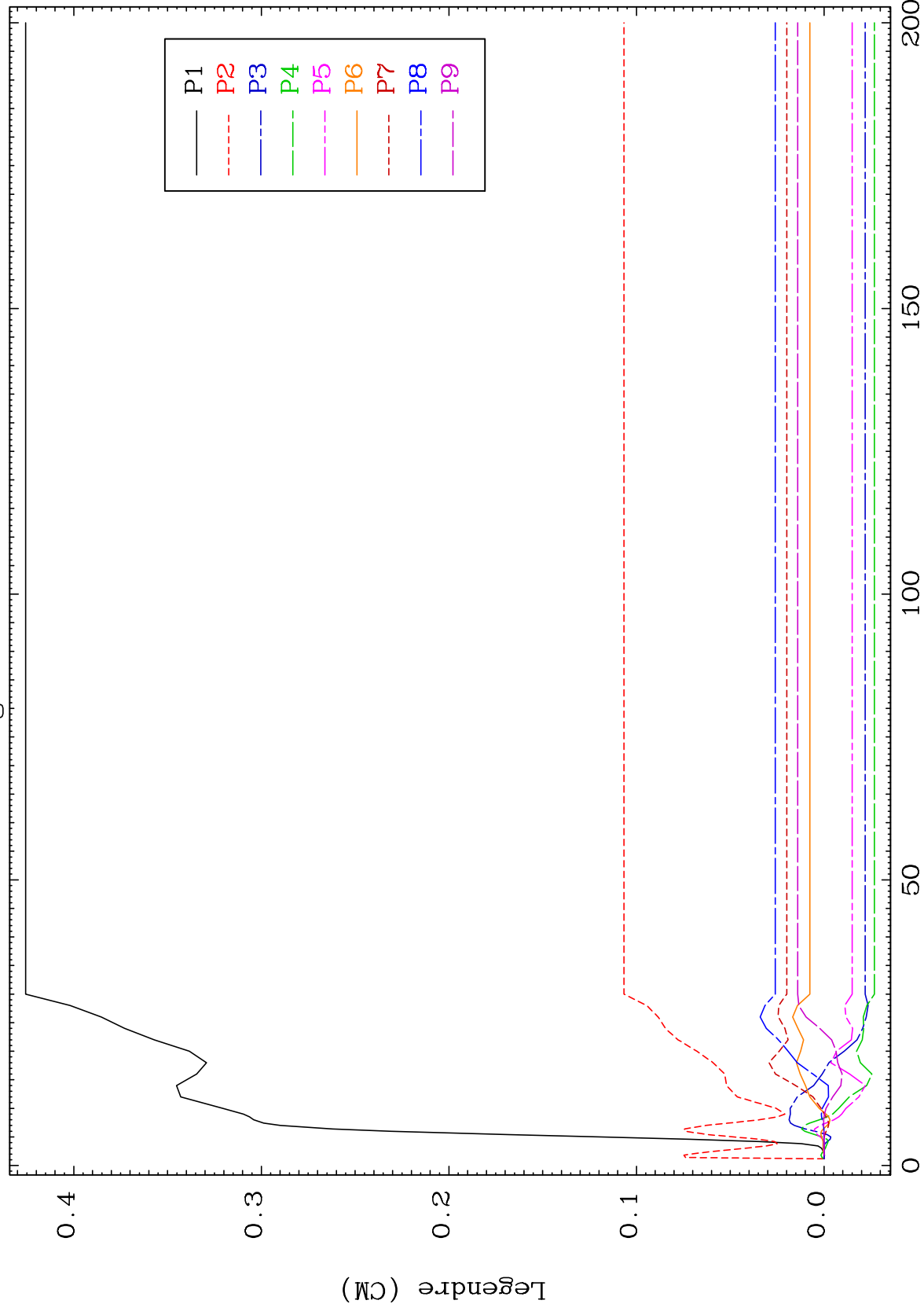




MAT 5555

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

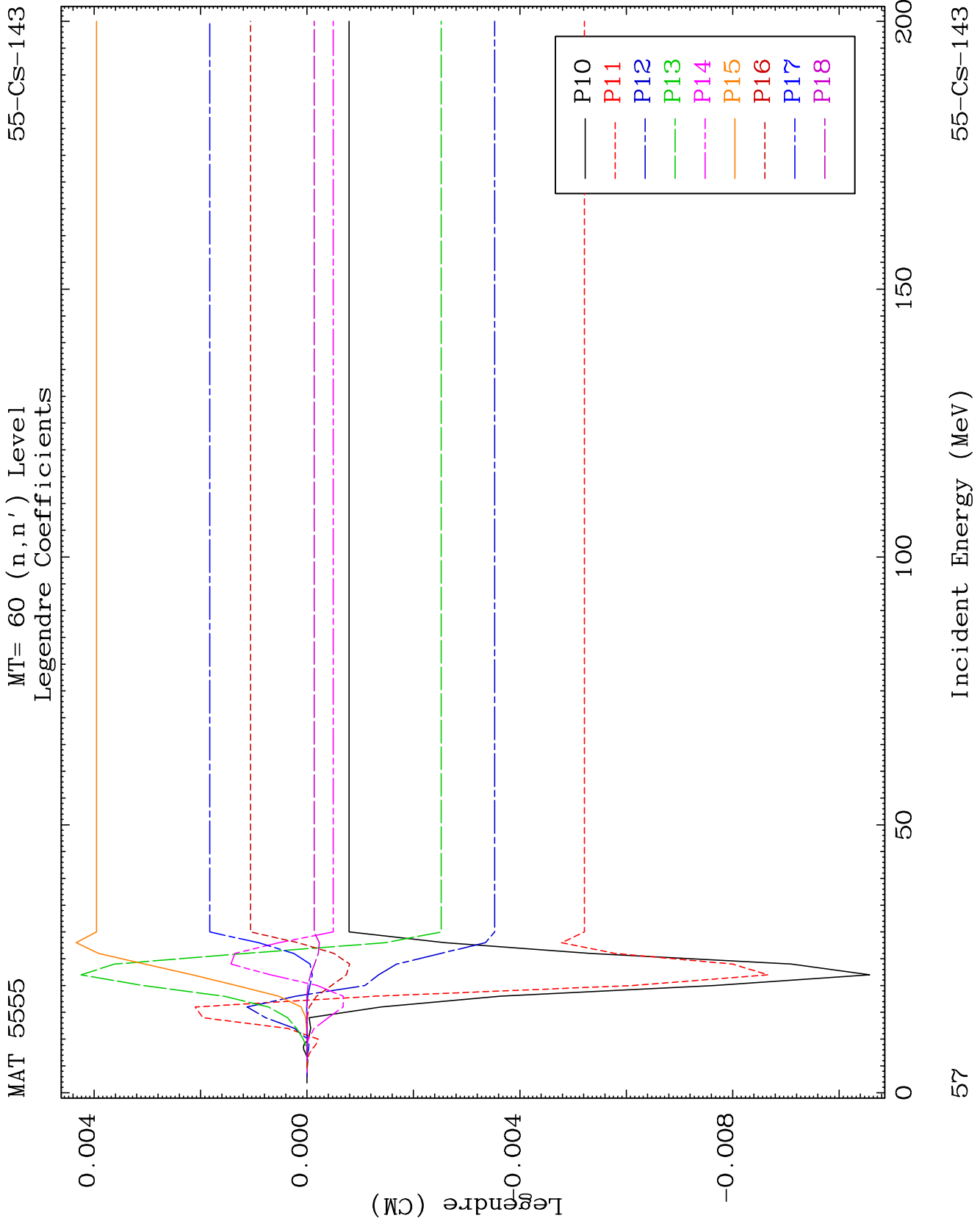
55-Cs-143

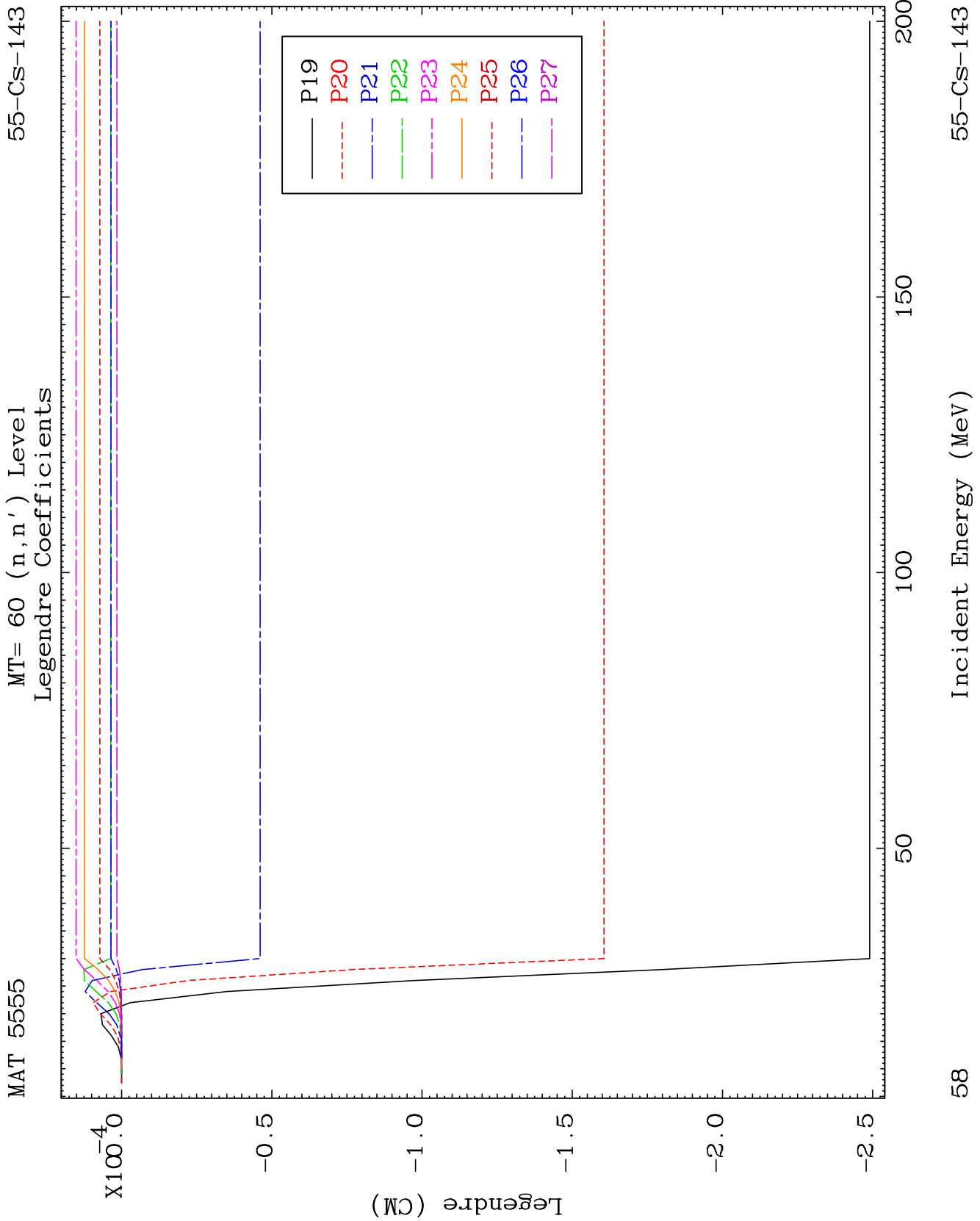


55-Cs-143

Incident Energy (MeV)

56

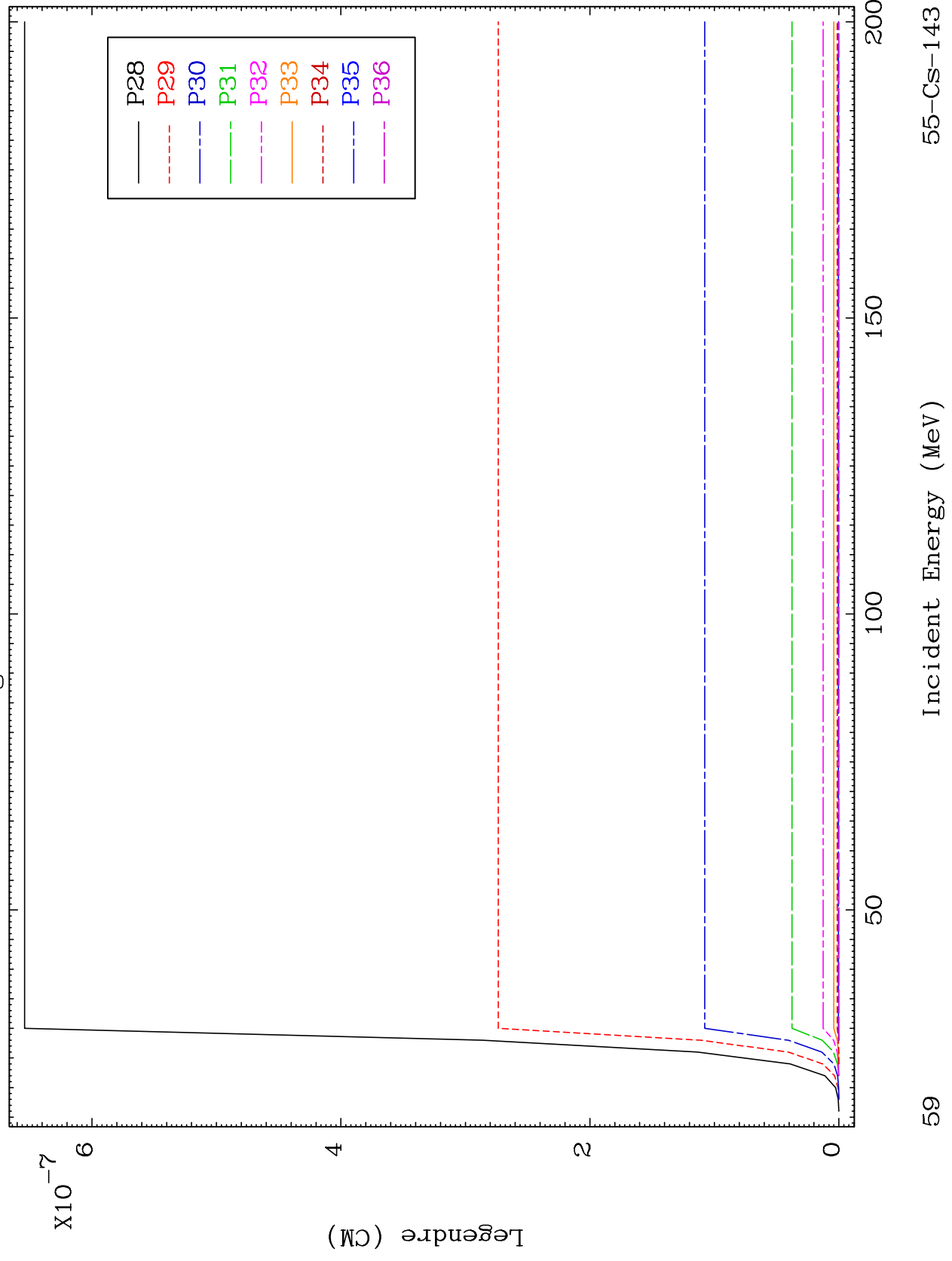




MAT 5555

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

55-Cs-143



59

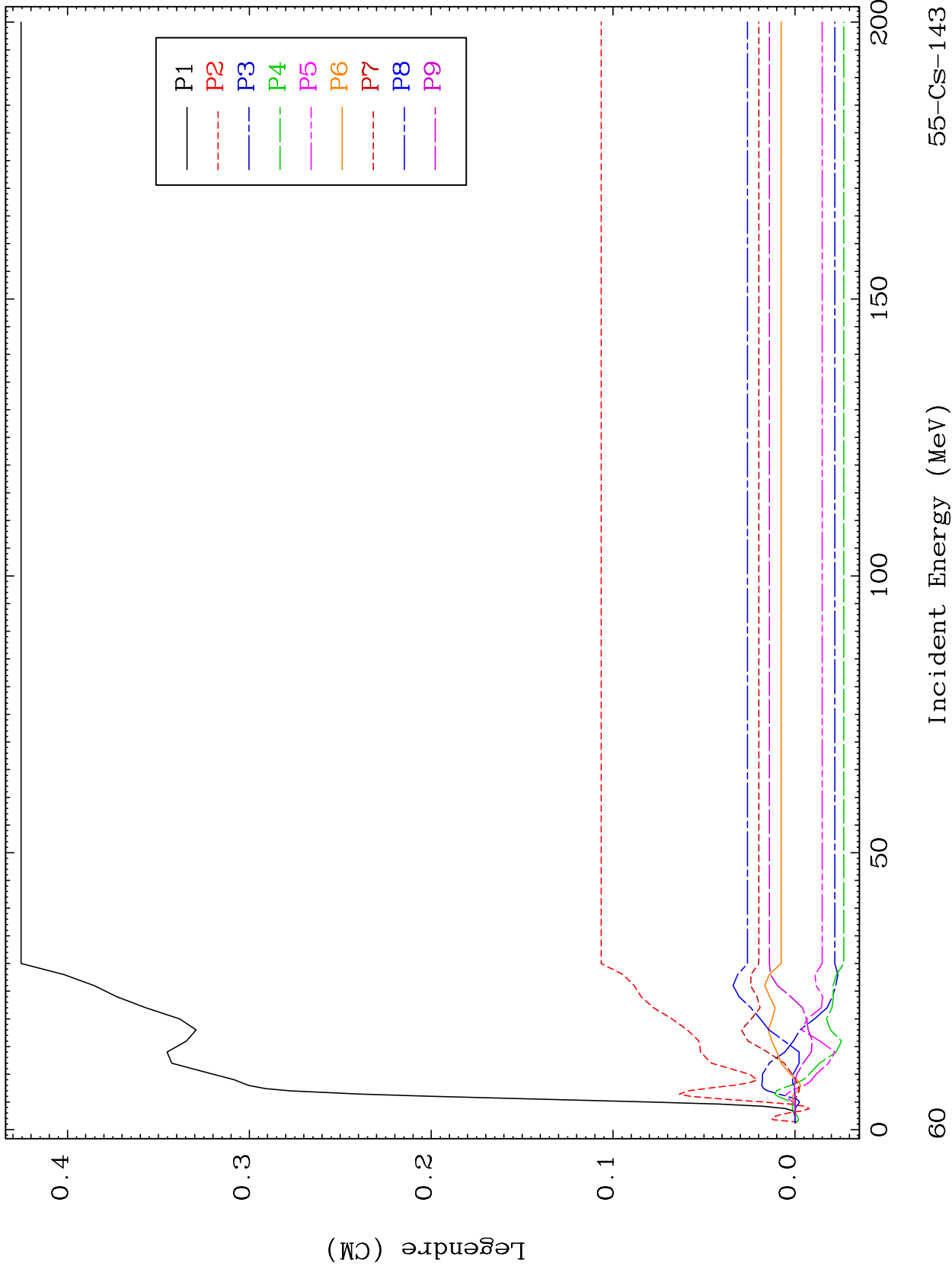
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

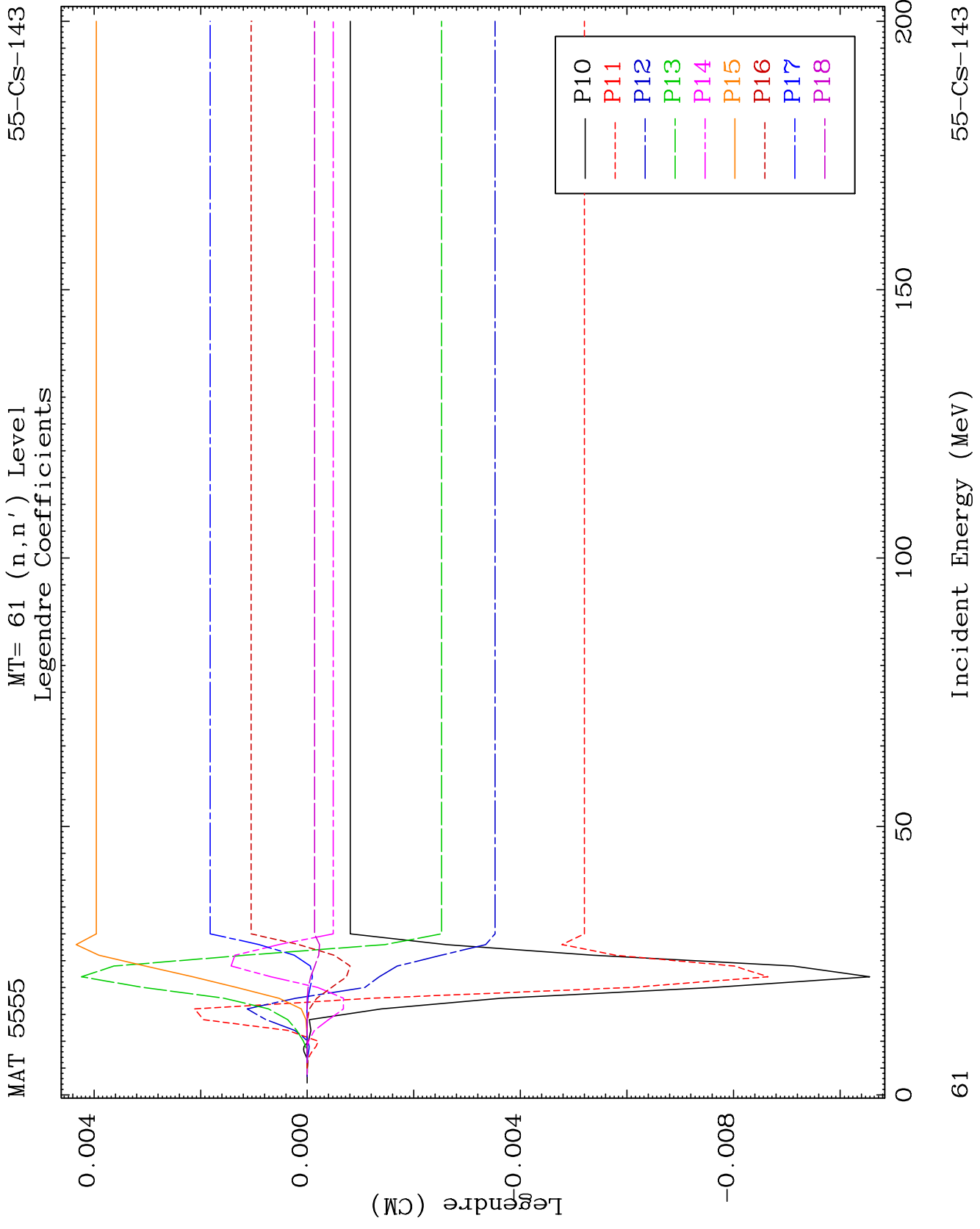
55-Cs-143



55-Cs-143

Incident Energy (MeV)

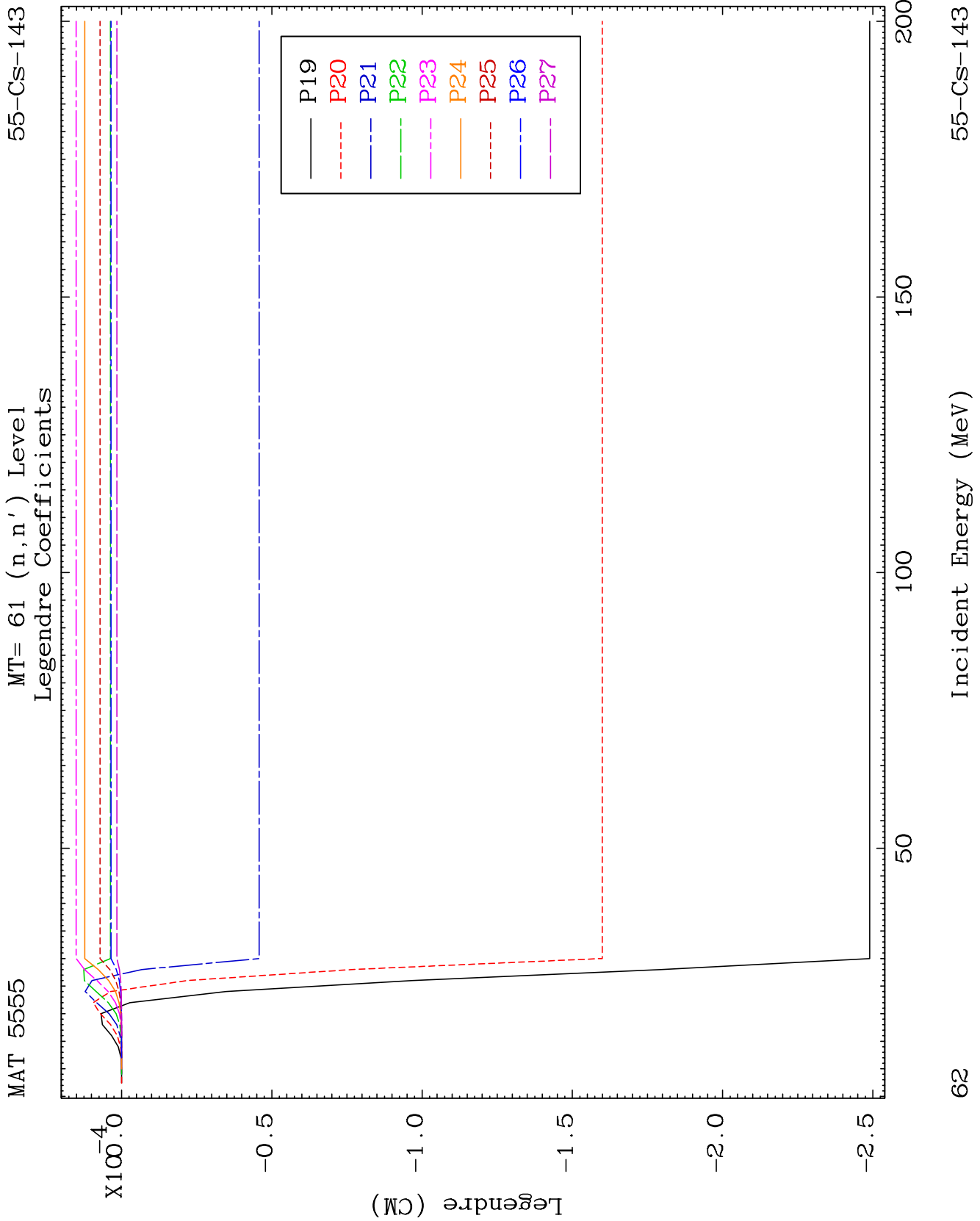
60



55-Cs-143

Incident Energy (MeV)

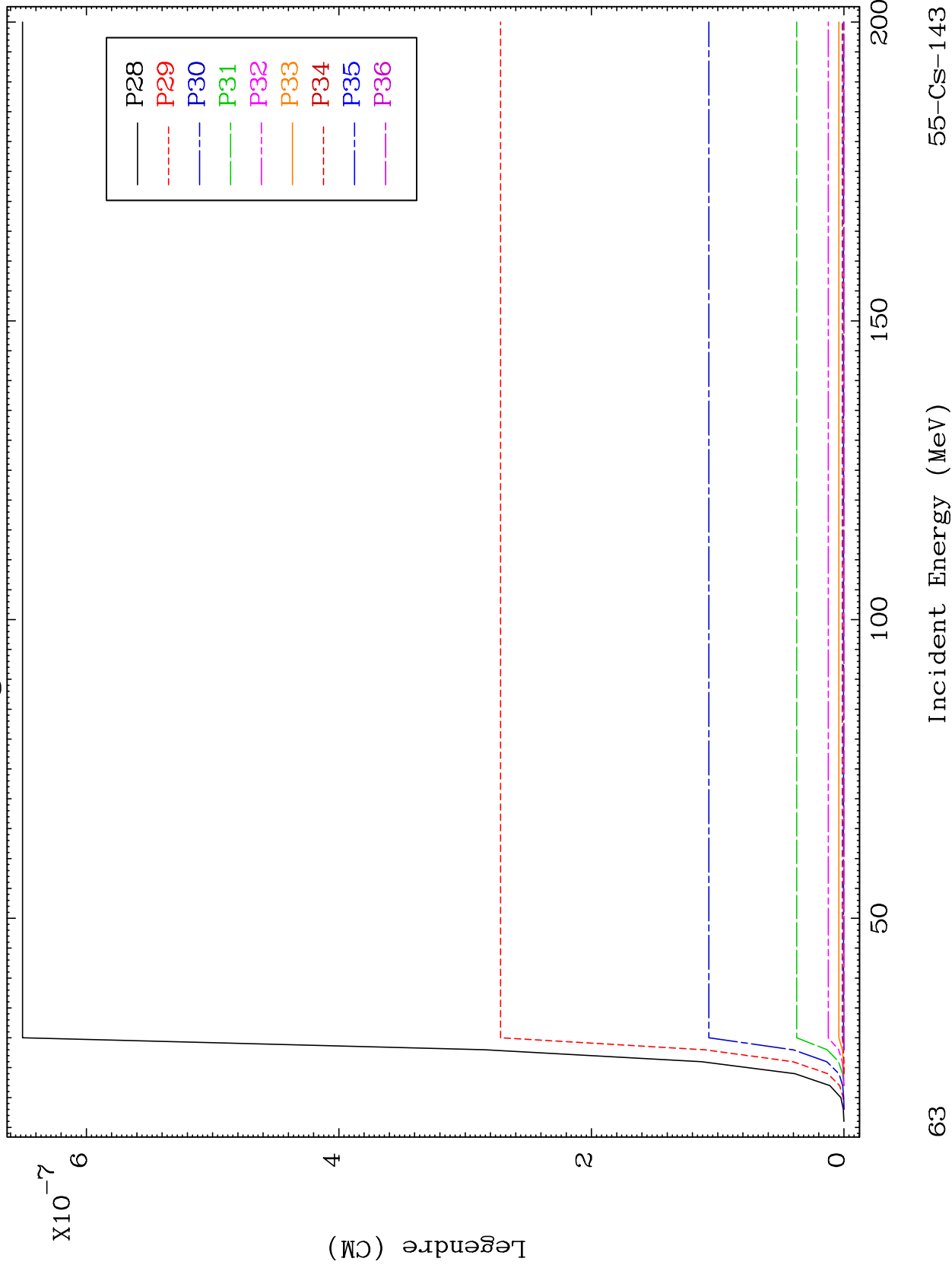
61

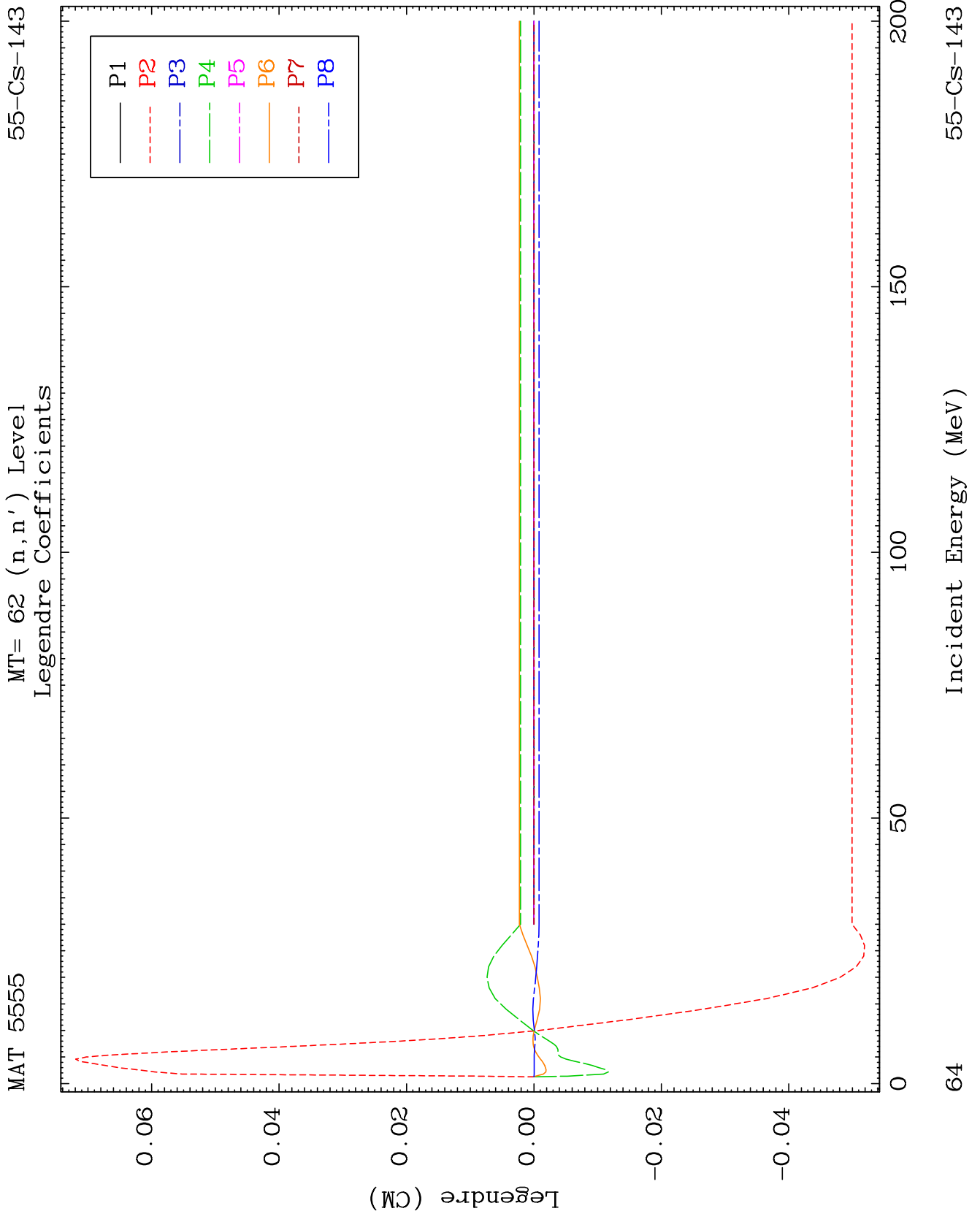


MAT 5555

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

55-Cs-143

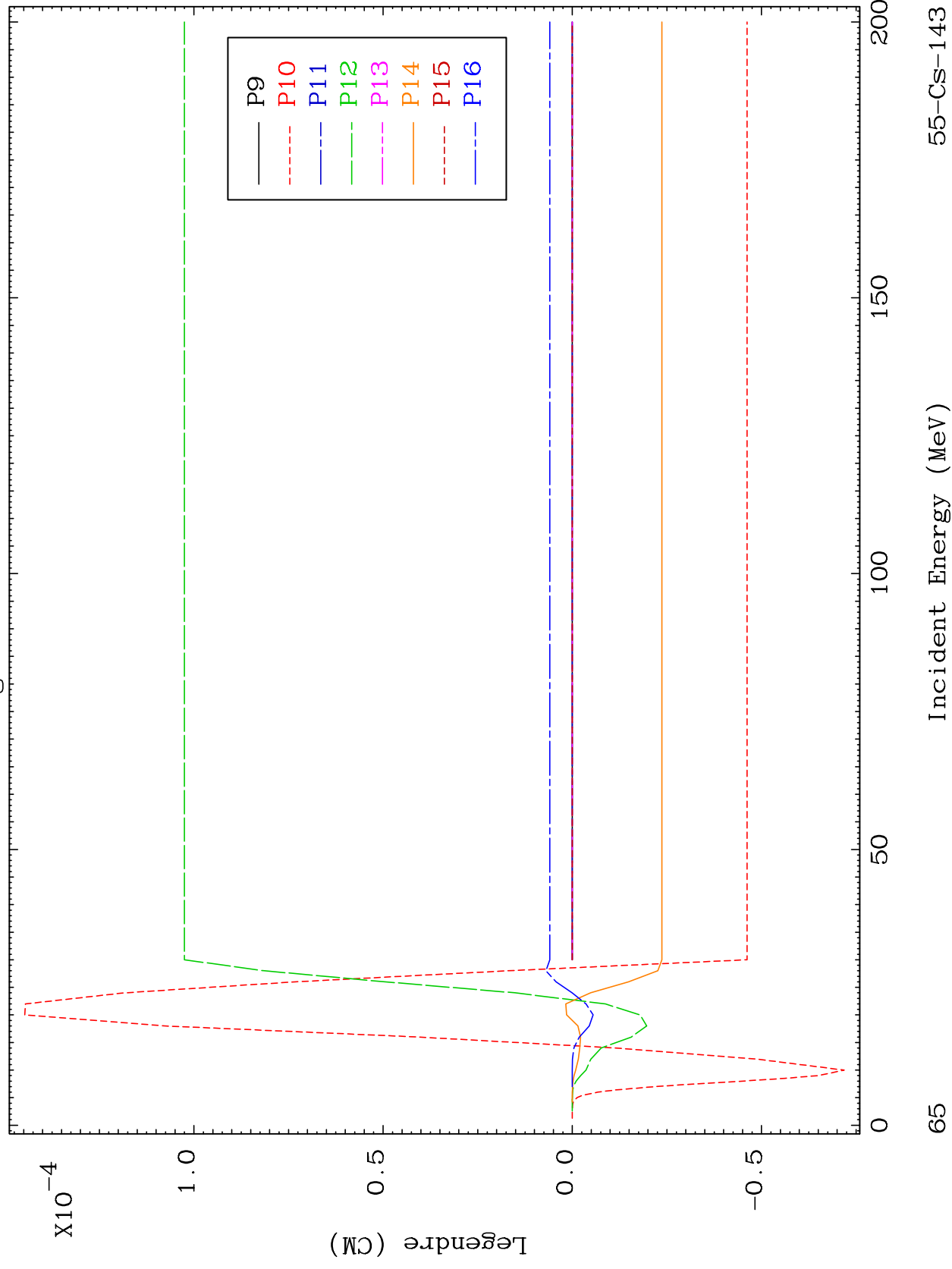




MAT 5555

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

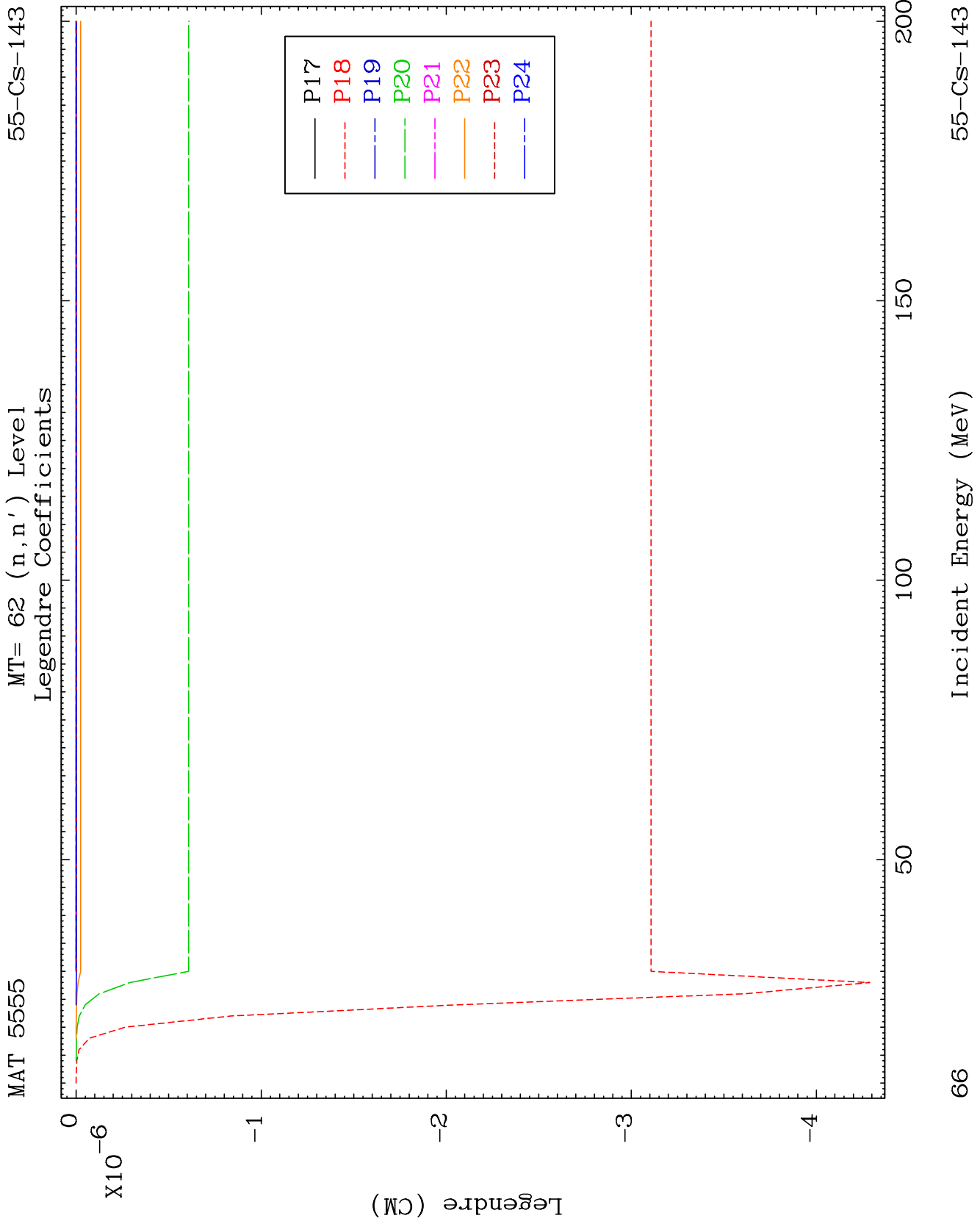
55-Cs-143



55-Cs-143

Incident Energy (MeV)

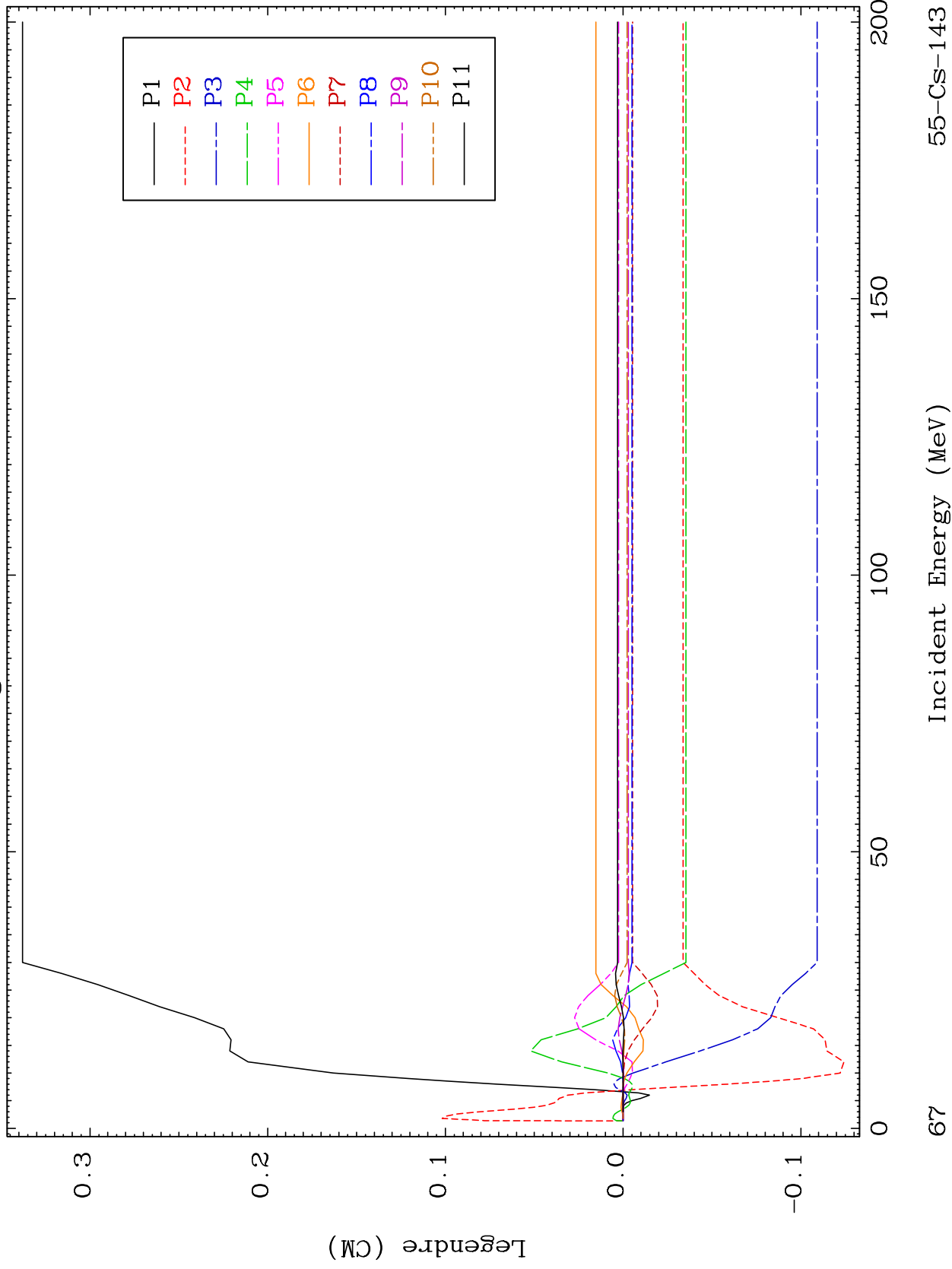
65



MAT 5555

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

55-Cs-143



55-Cs-143

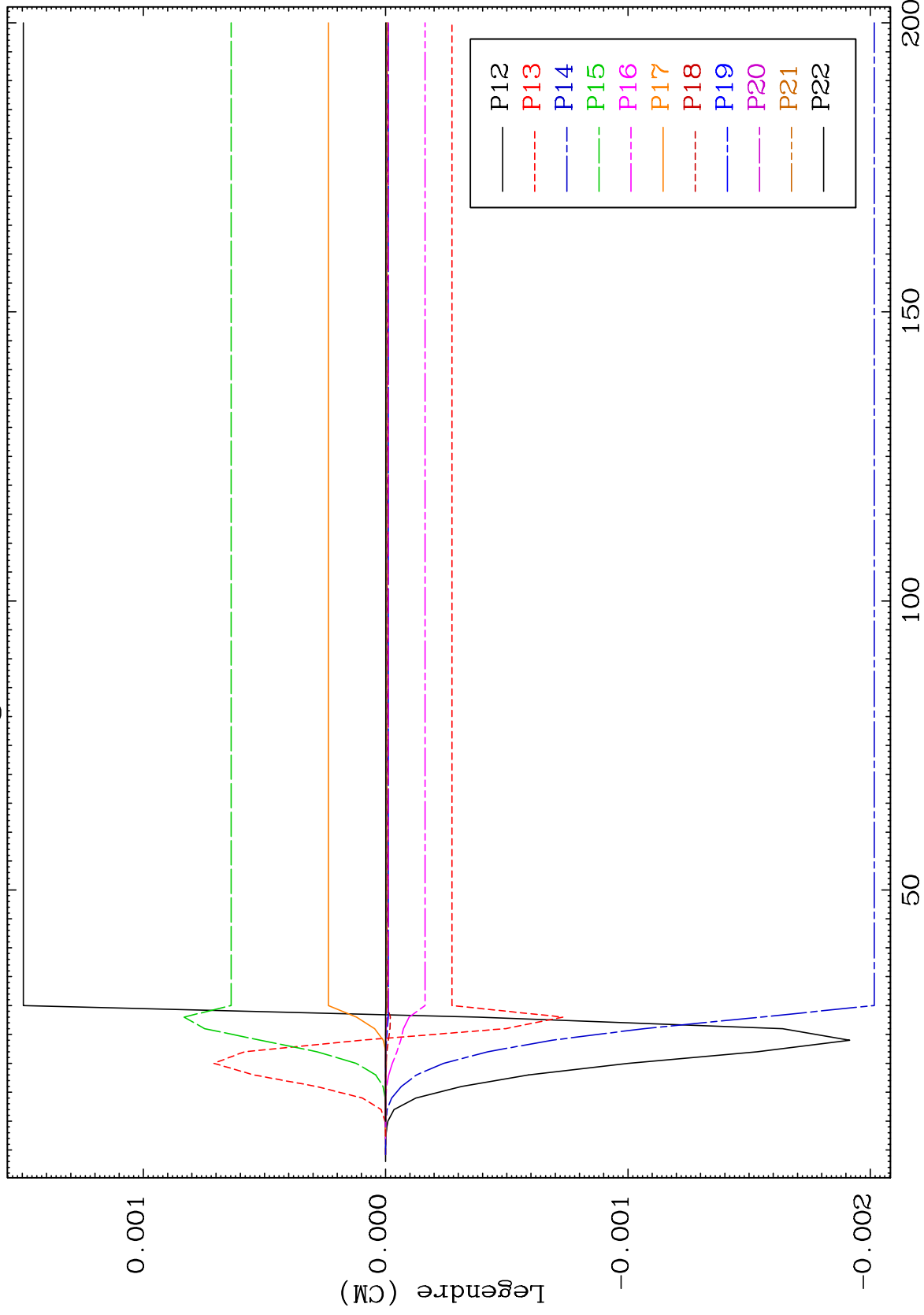
Incident Energy (MeV)

67

MAT 5555

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

55-Cs-143



68

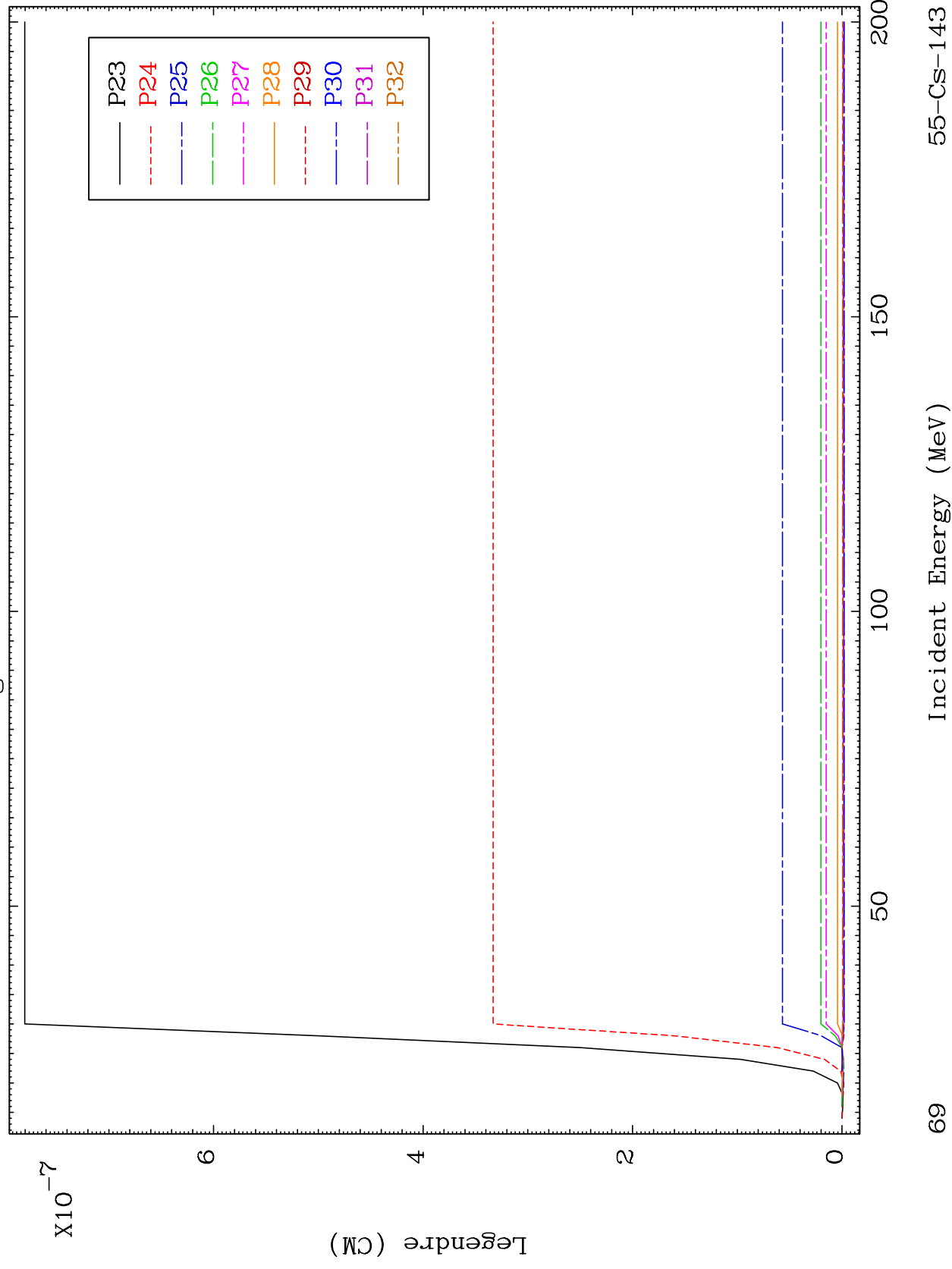
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

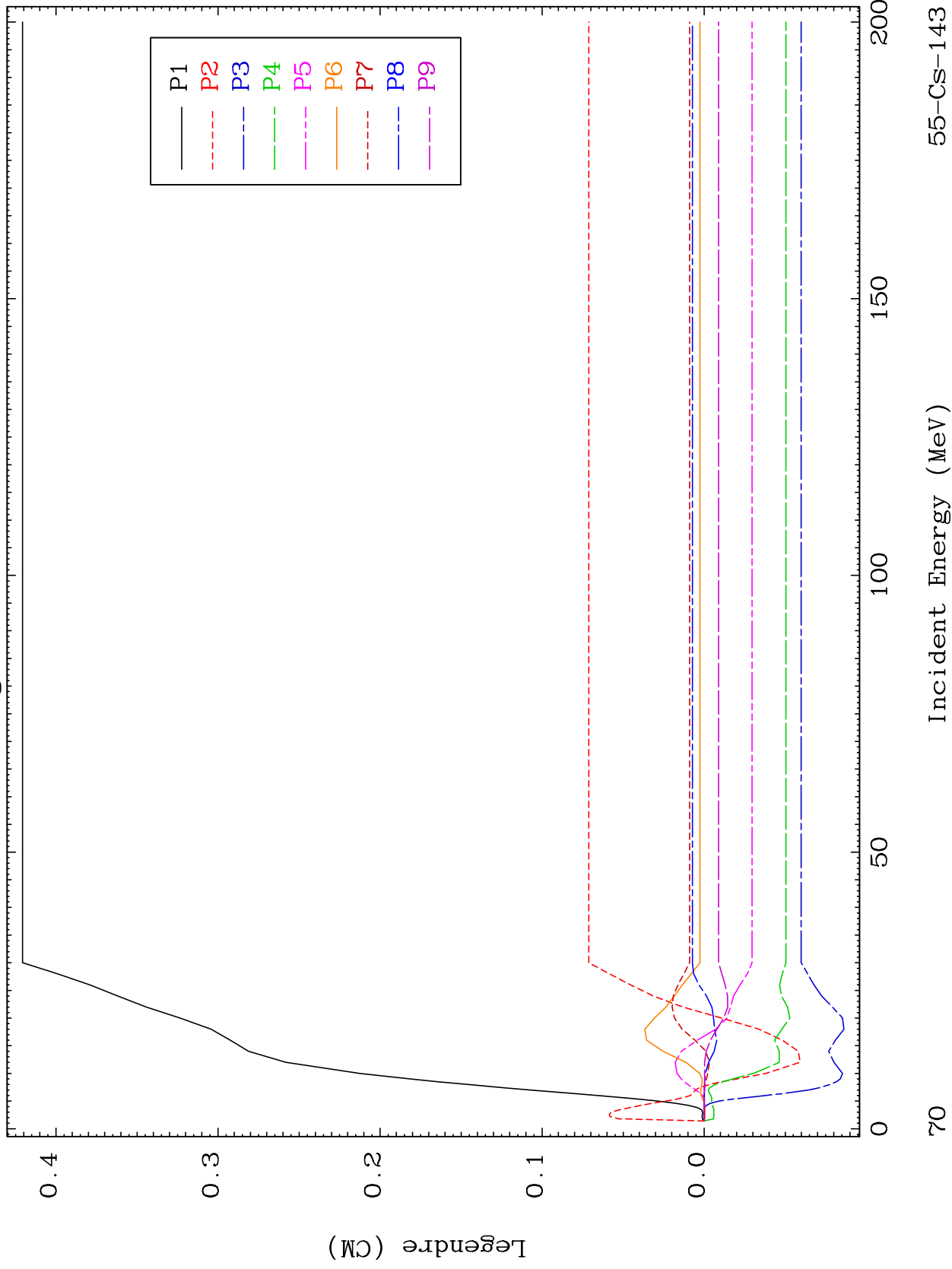
55-Cs-143



MAT 5555

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

55-Cs-143



55-Cs-143

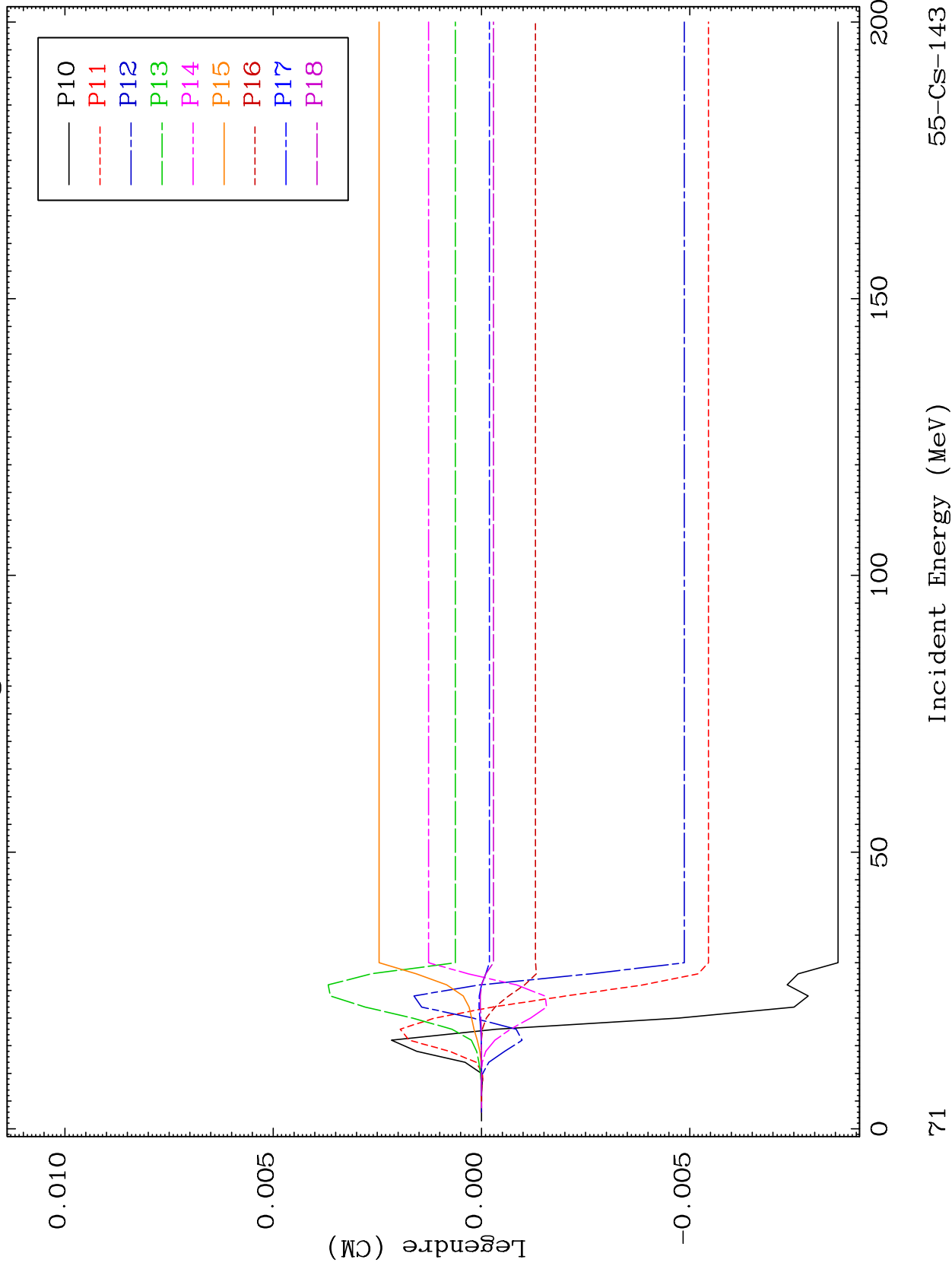
Incident Energy (MeV)

70

MAT 5555

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

55-Cs-143



71

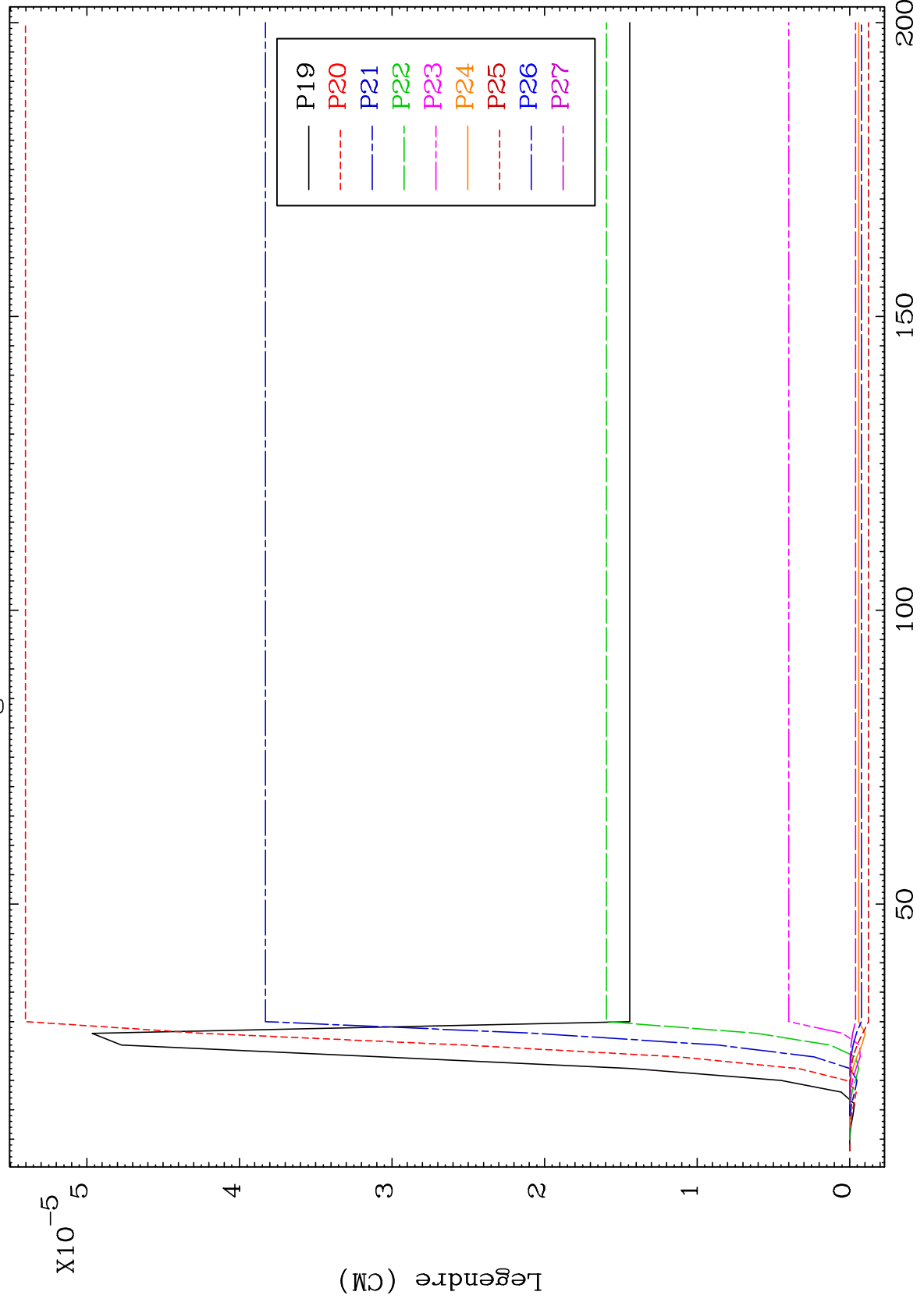
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



55-Cs-143

Incident Energy (MeV)

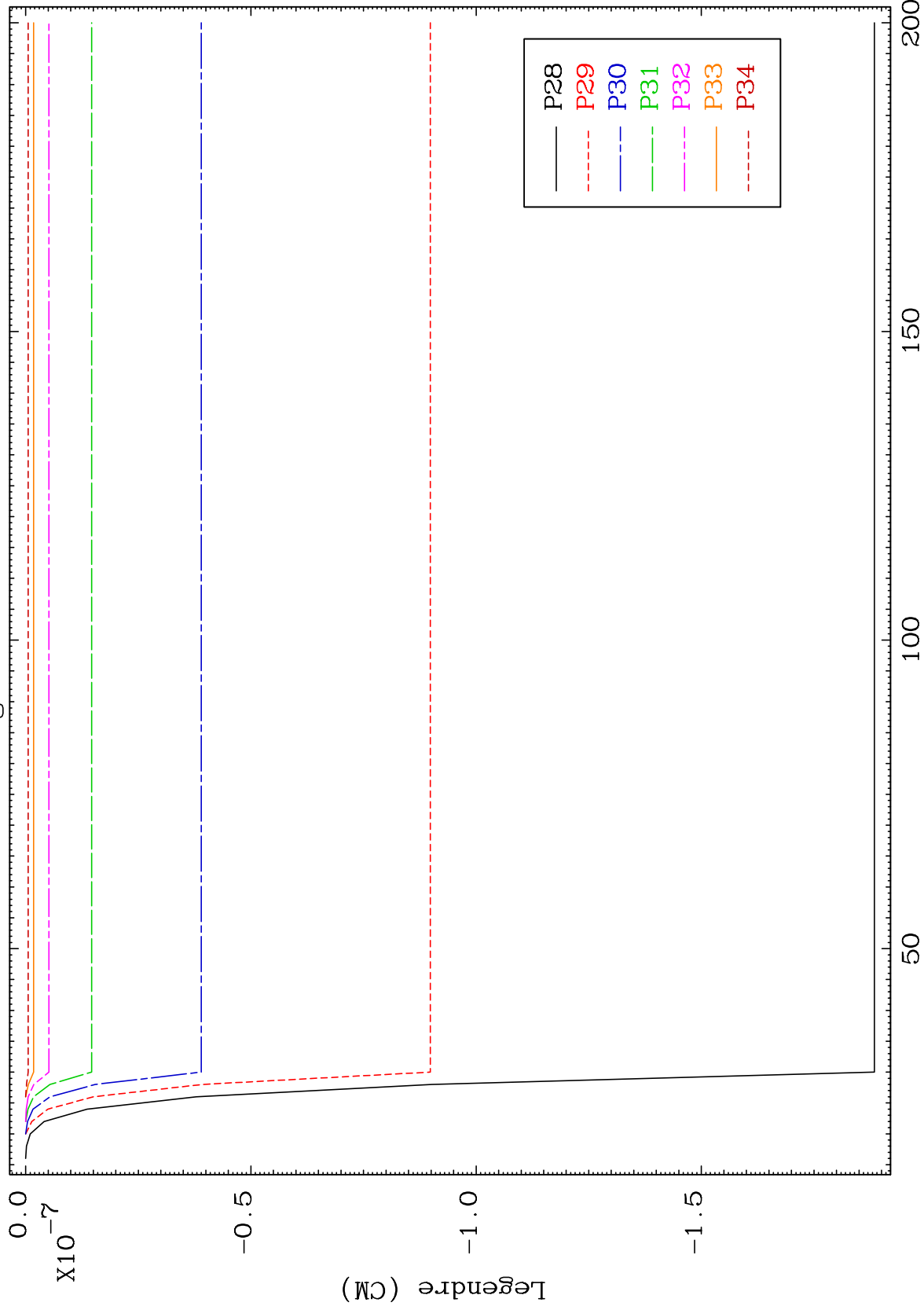
72

MAT 5555

MT= 64 (n,n') Level

55-Cs-143

Legendre Coefficients



55-Cs-143

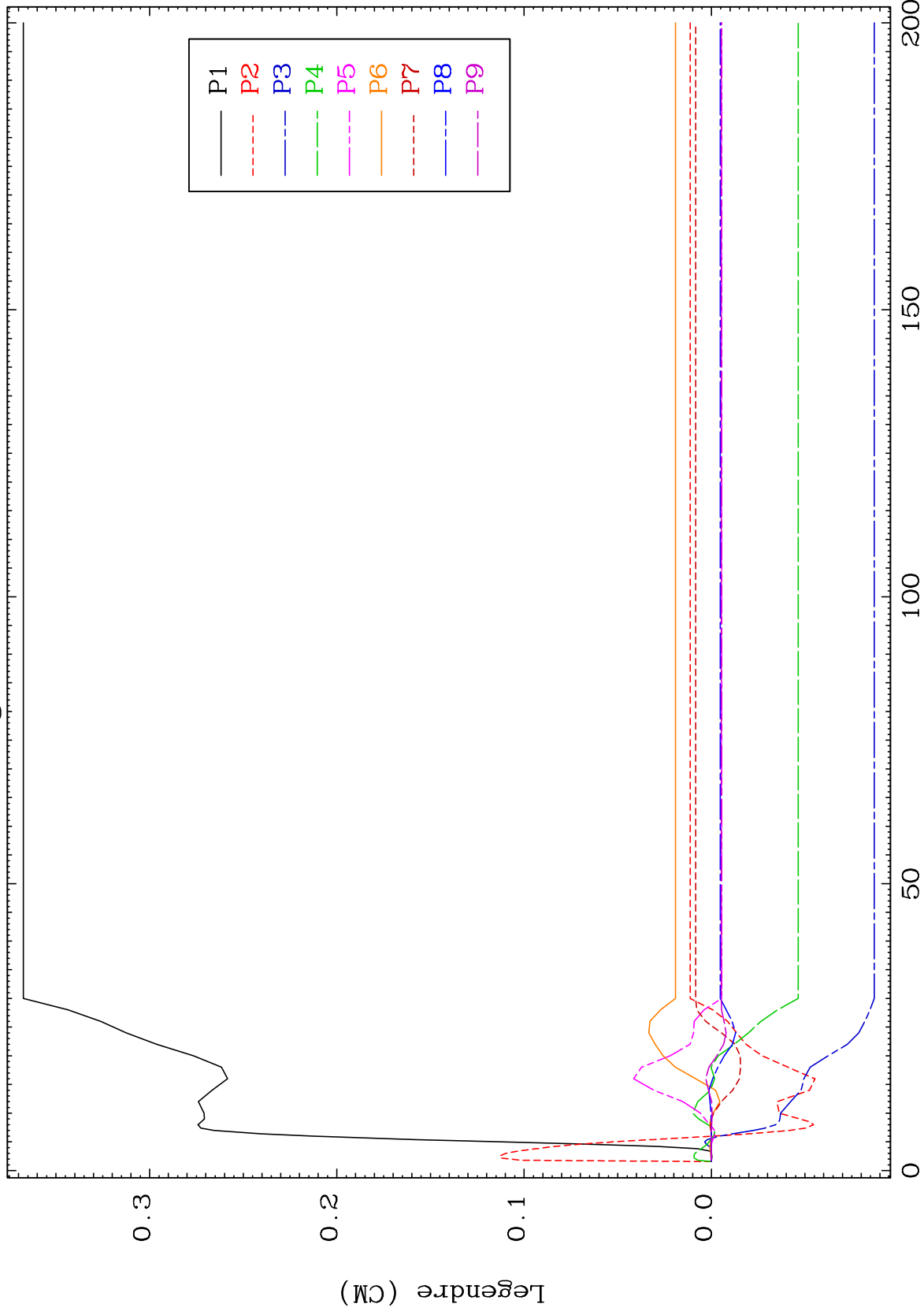
Incident Energy (MeV)

73

MAT 5555

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

55-Cs-143



74

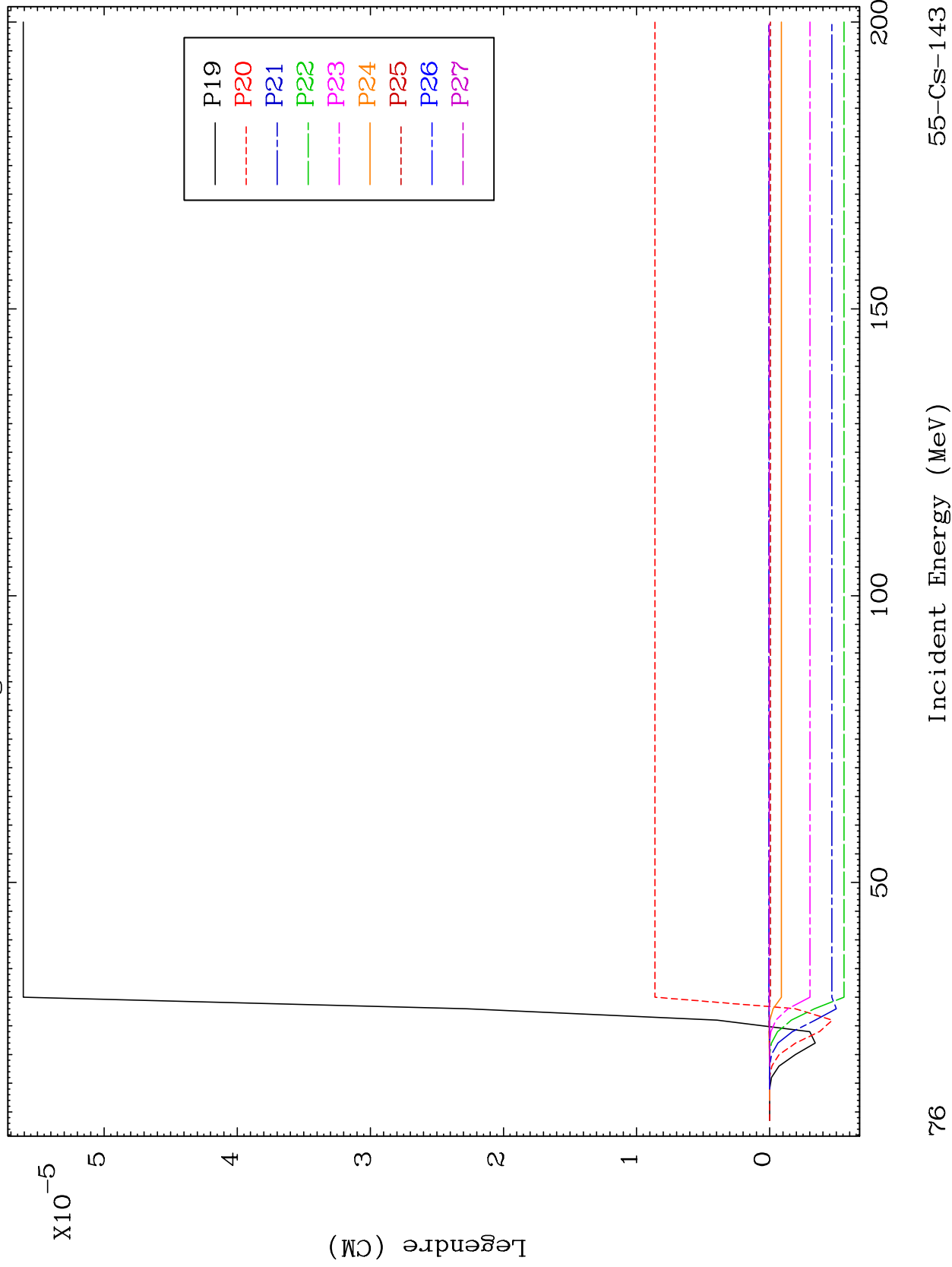
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

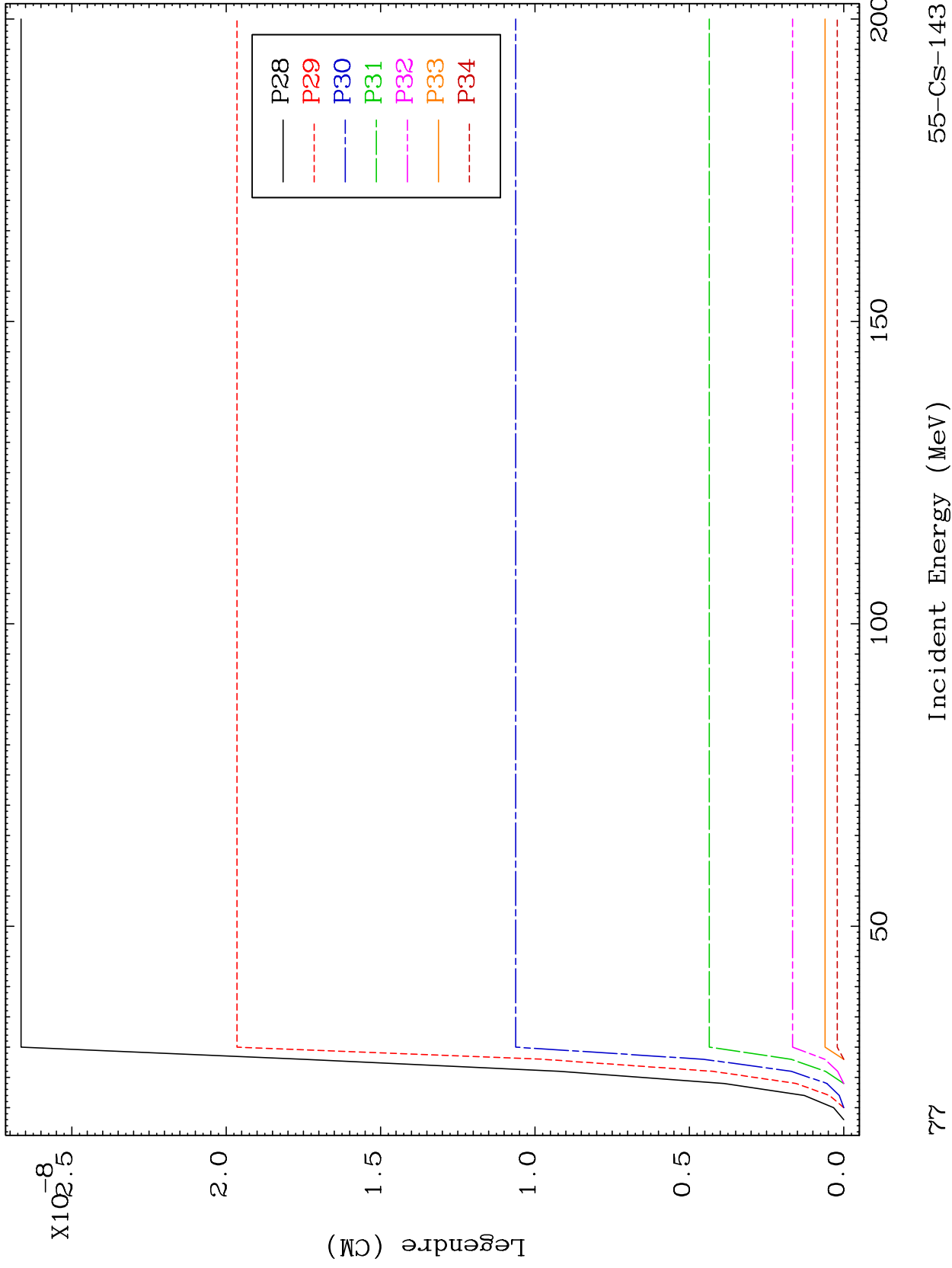
55-Cs-143



MAT 5555

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

55-Cs-143



77

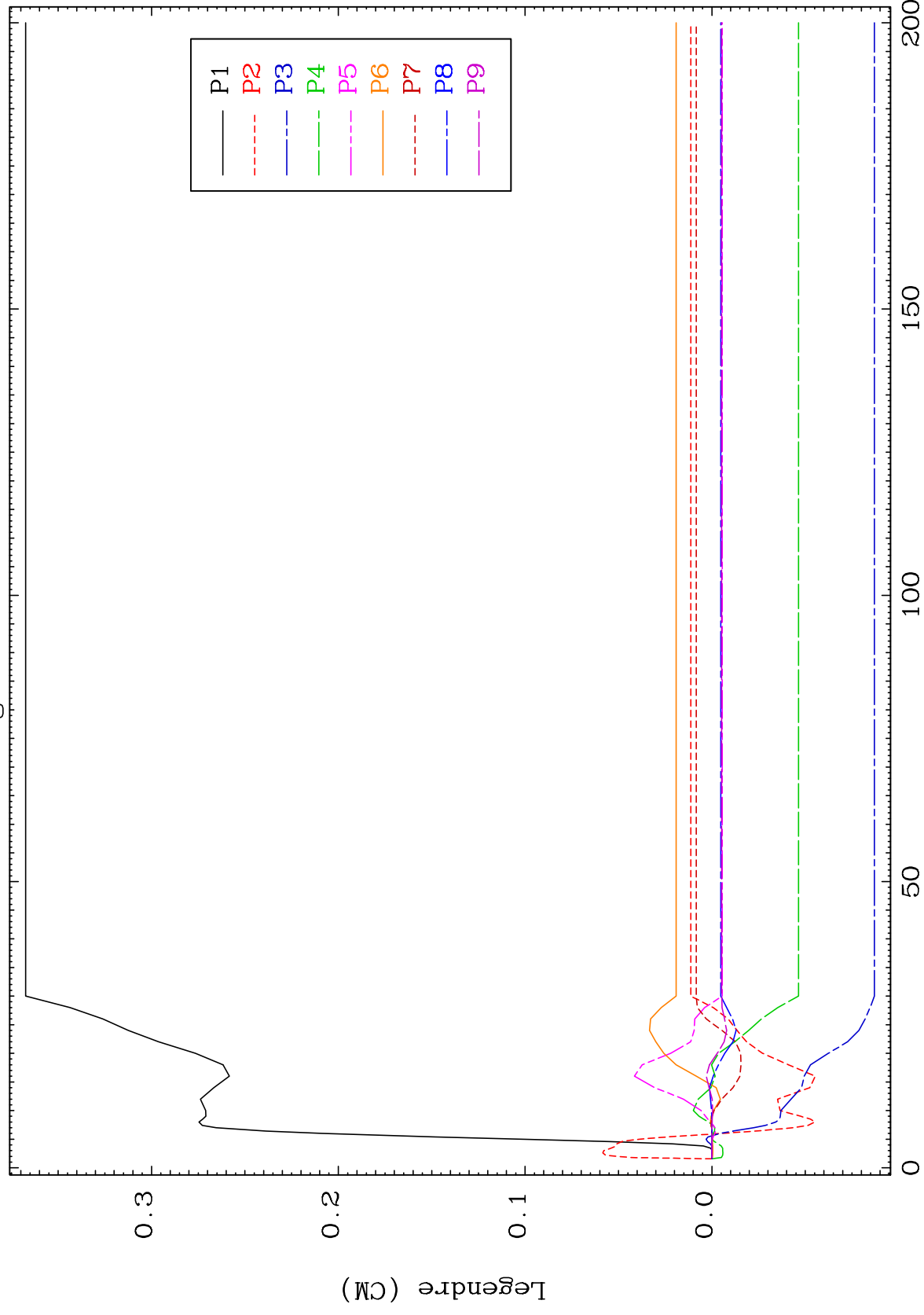
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



78

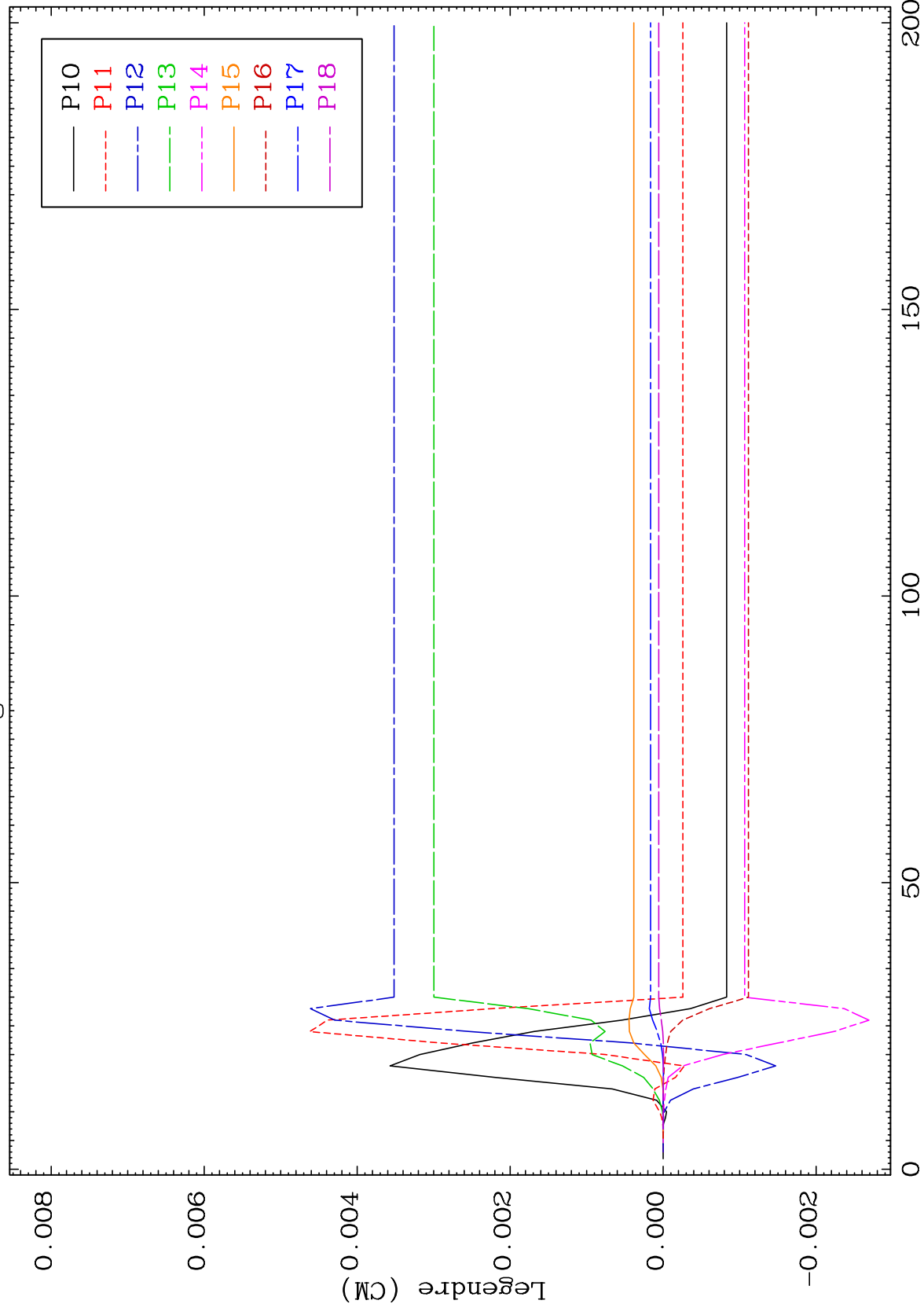
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



79

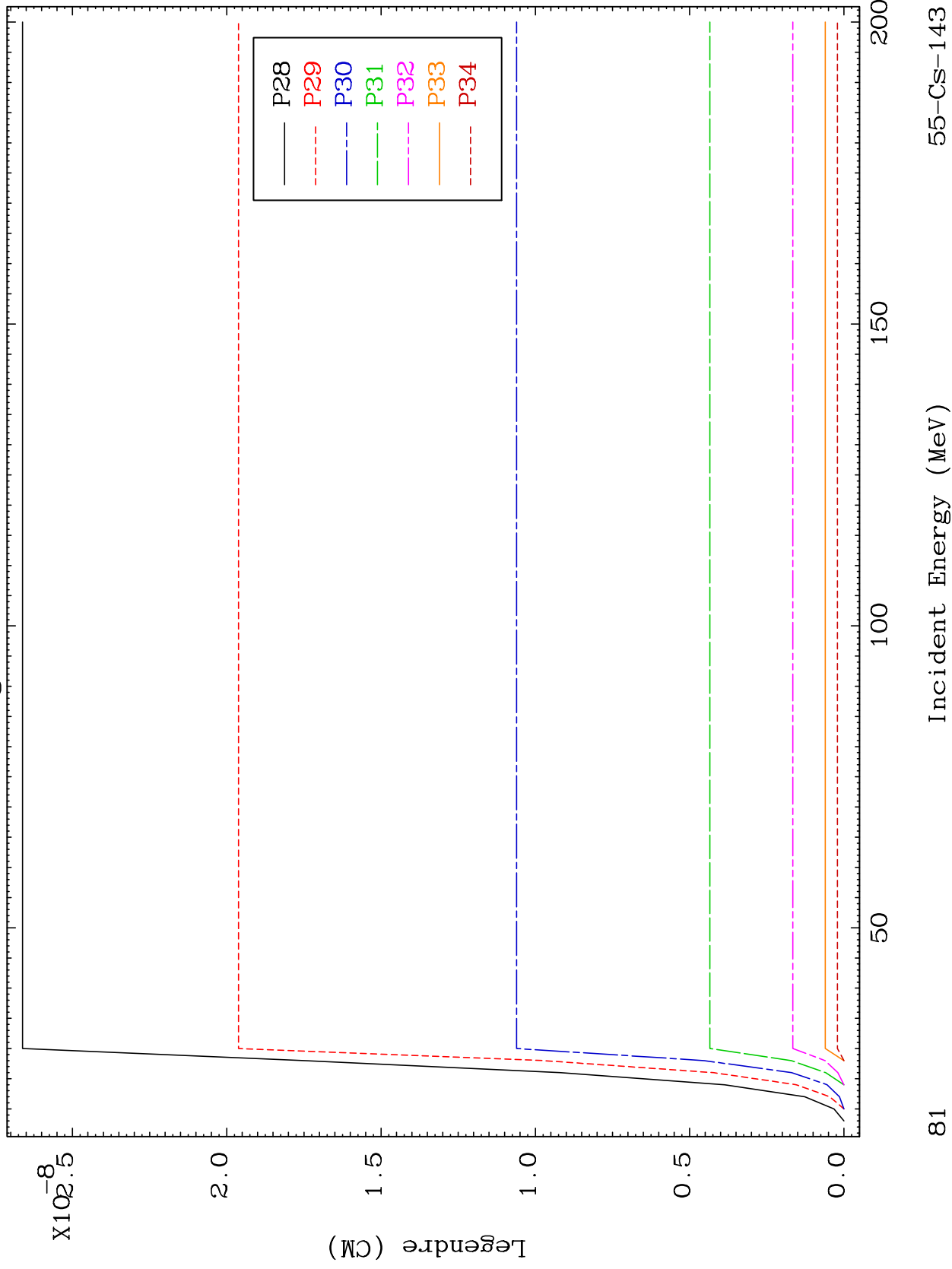
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

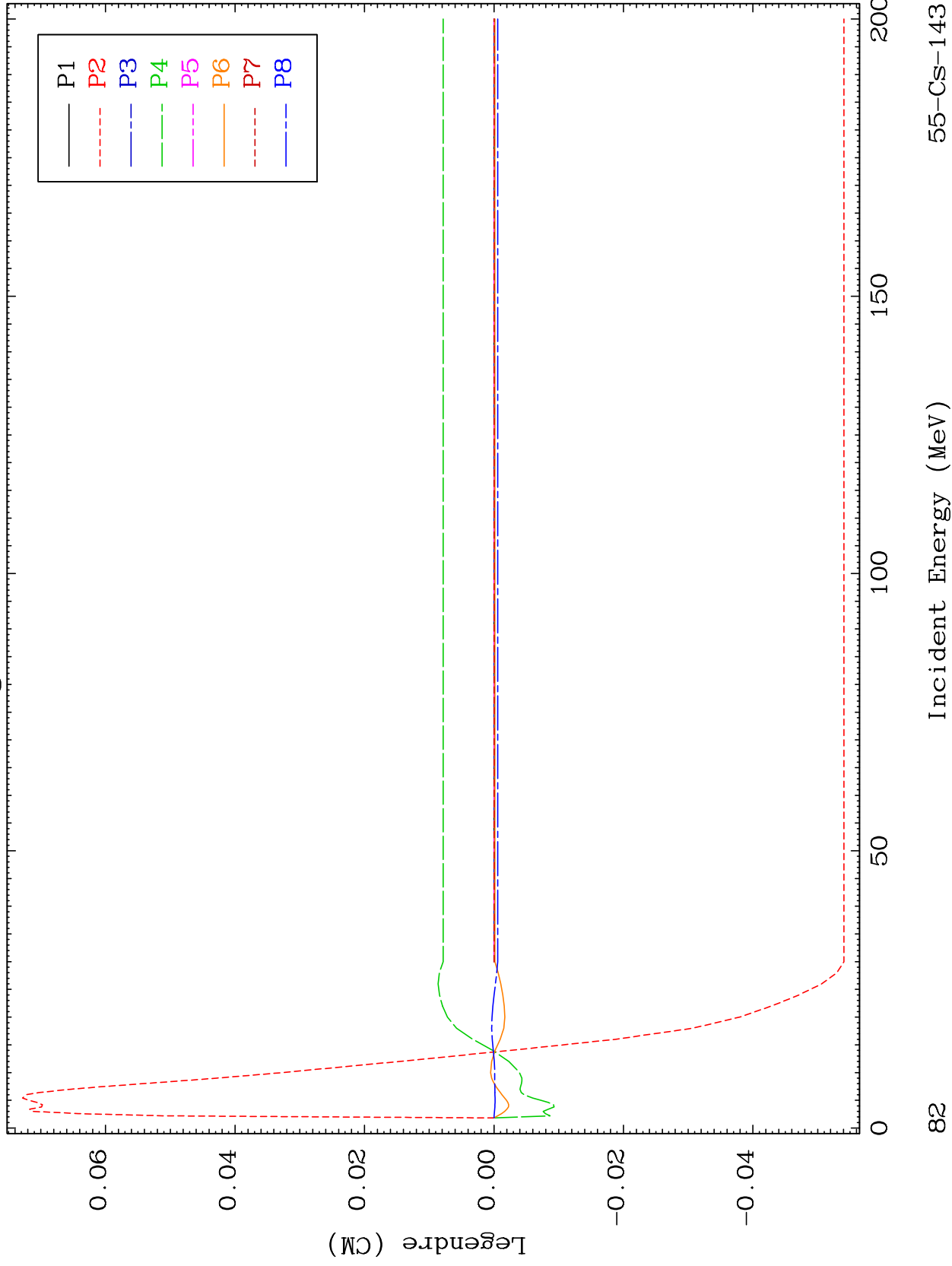
55-Cs-143



MAT 5555

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

55-Cs-143



55-Cs-143

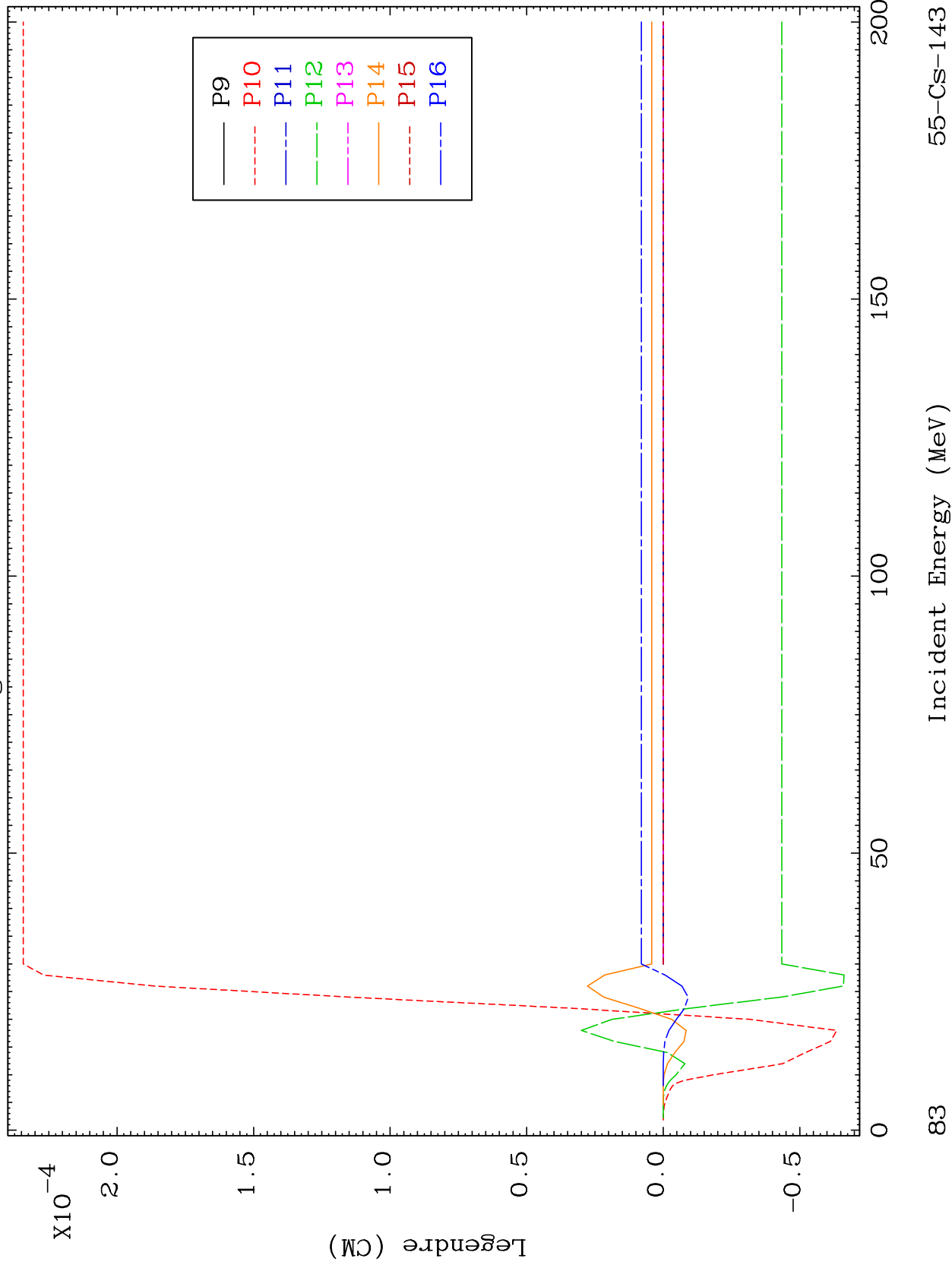
Incident Energy (MeV)

82

MAT 5555

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

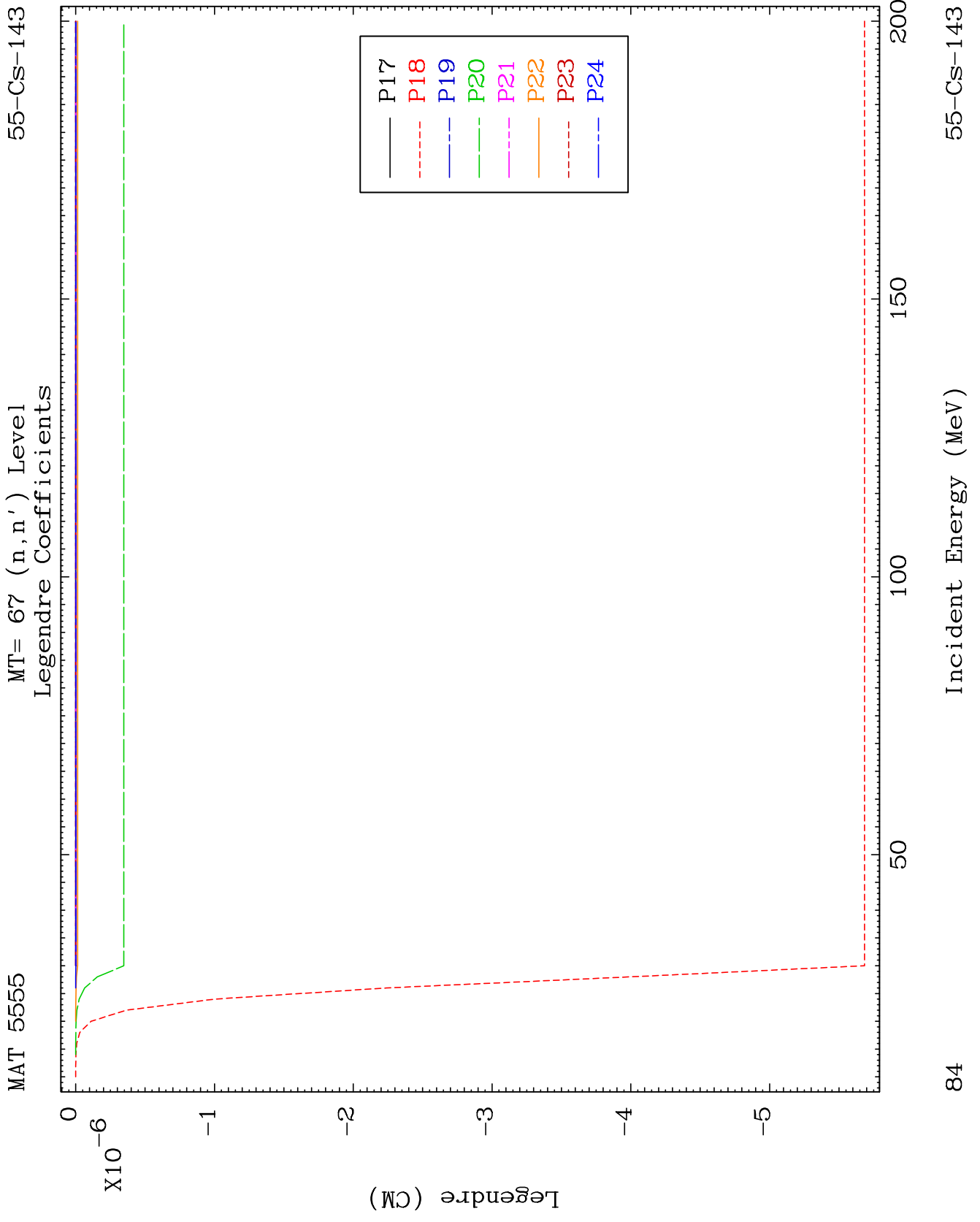
55-Cs-143



55-Cs-143

Incident Energy (MeV)

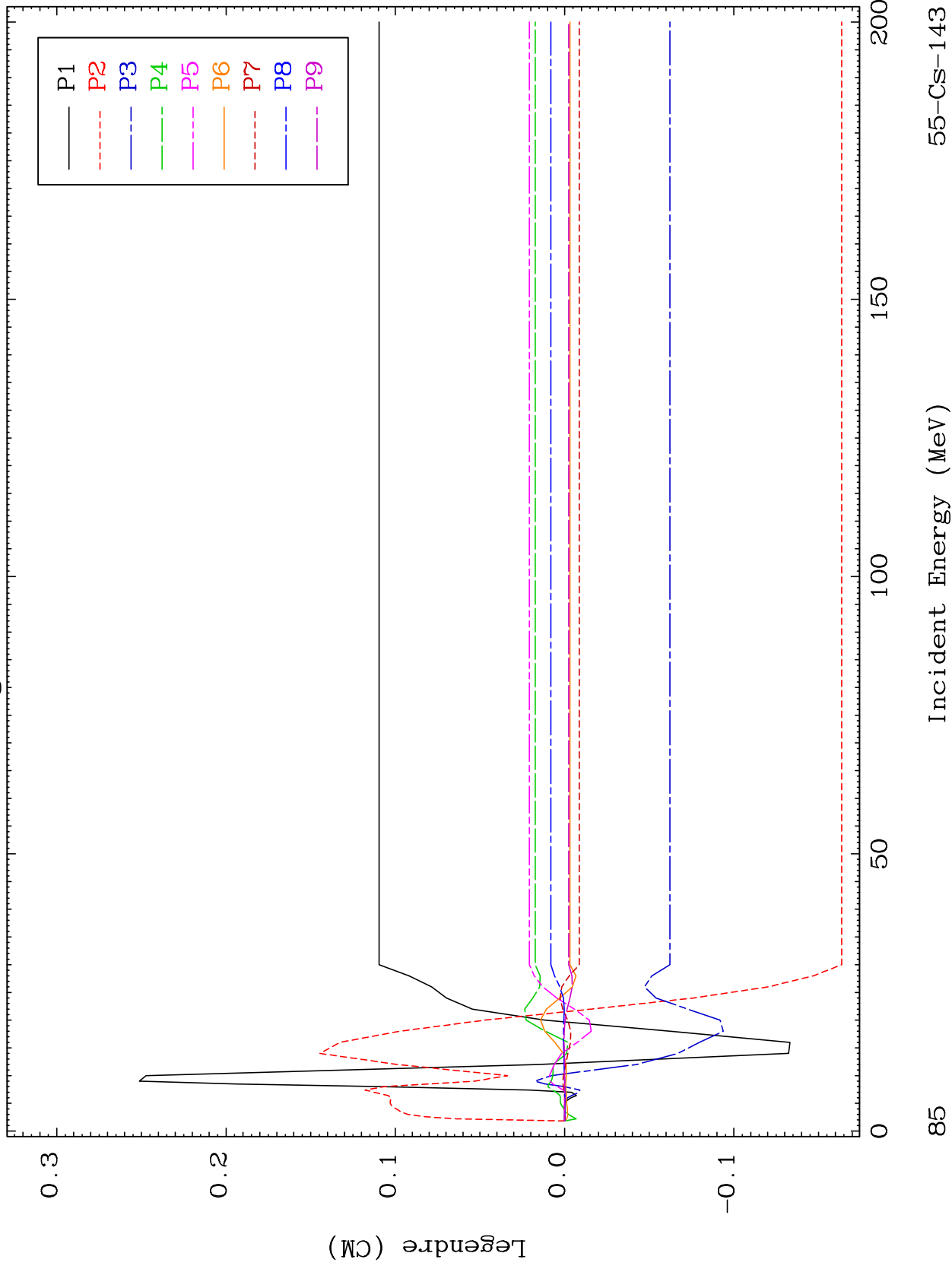
83



MAT 5555

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

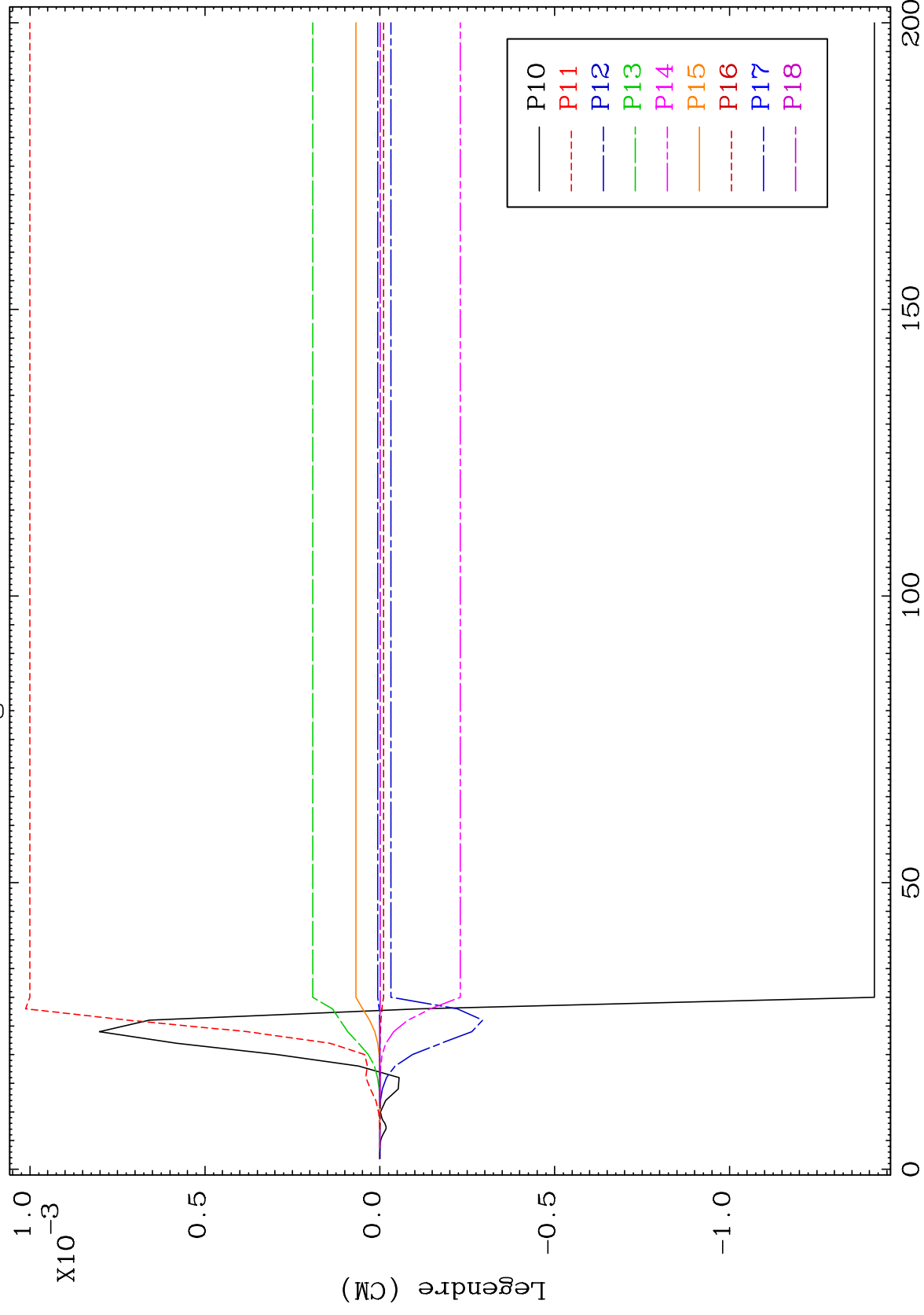
55-Cs-143



MAT 5555

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

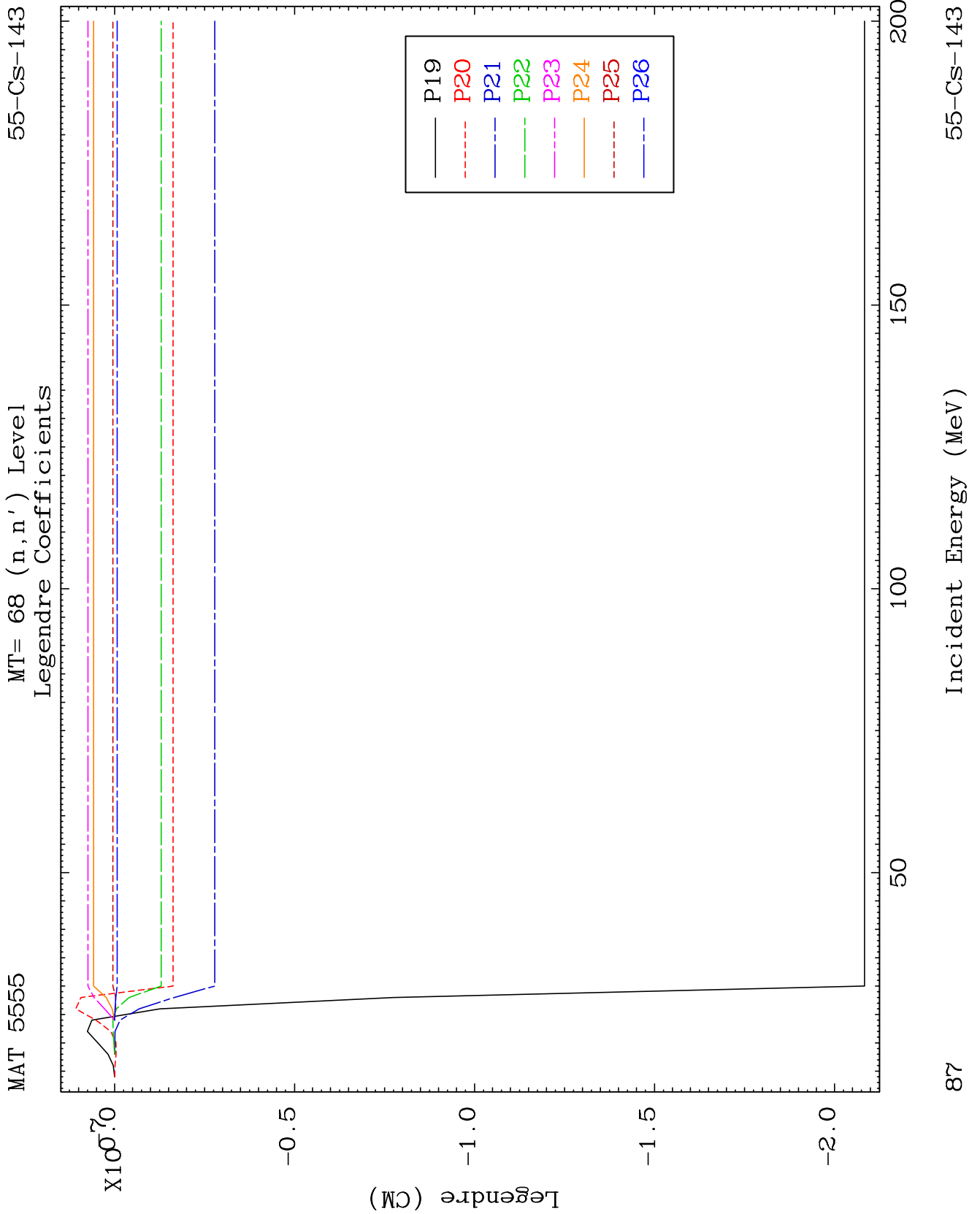
55-Cs-143



86

Incident Energy (MeV)

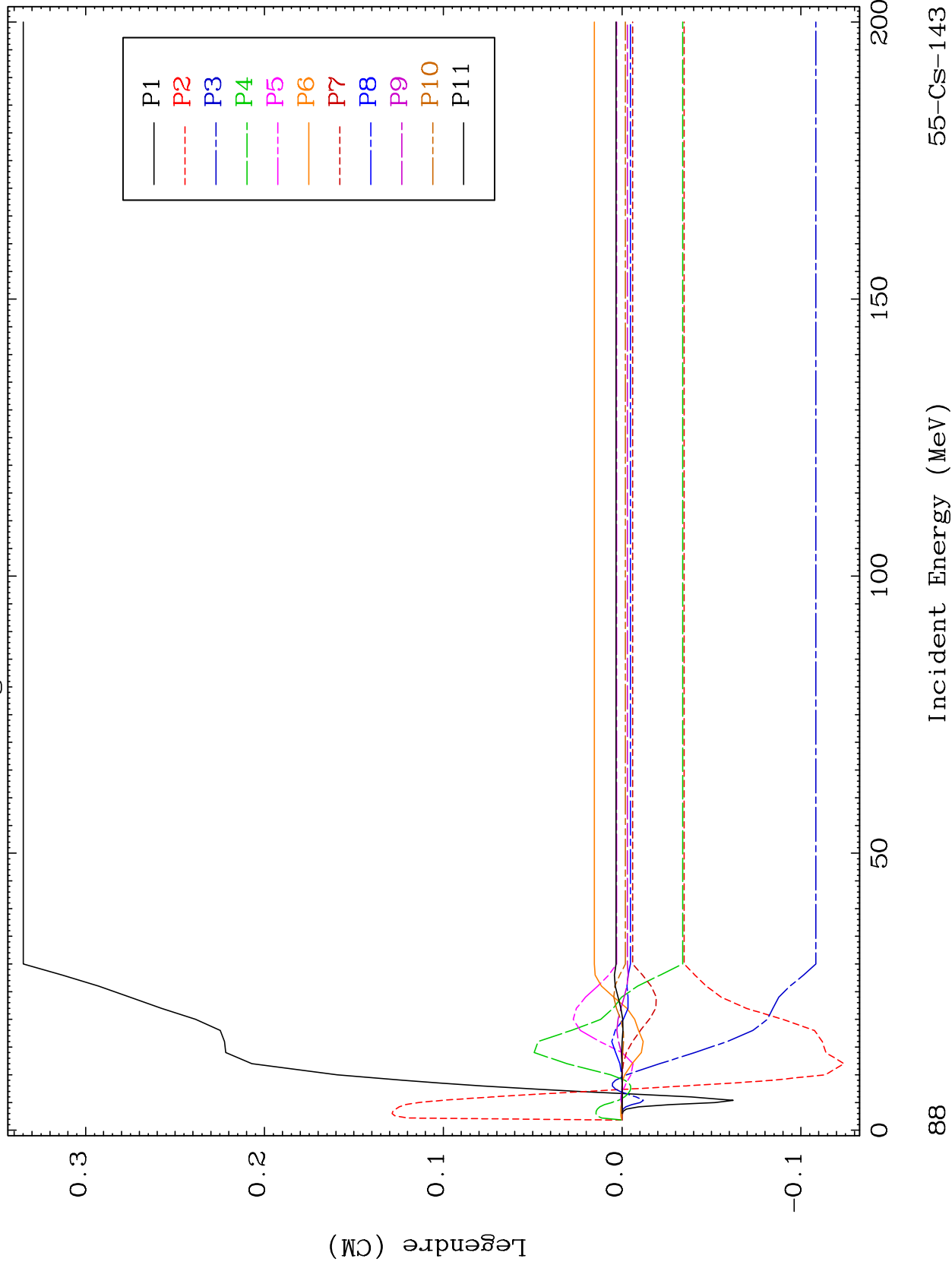
55-Cs-143



MAT 5555

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

55-Cs-143



55-Cs-143

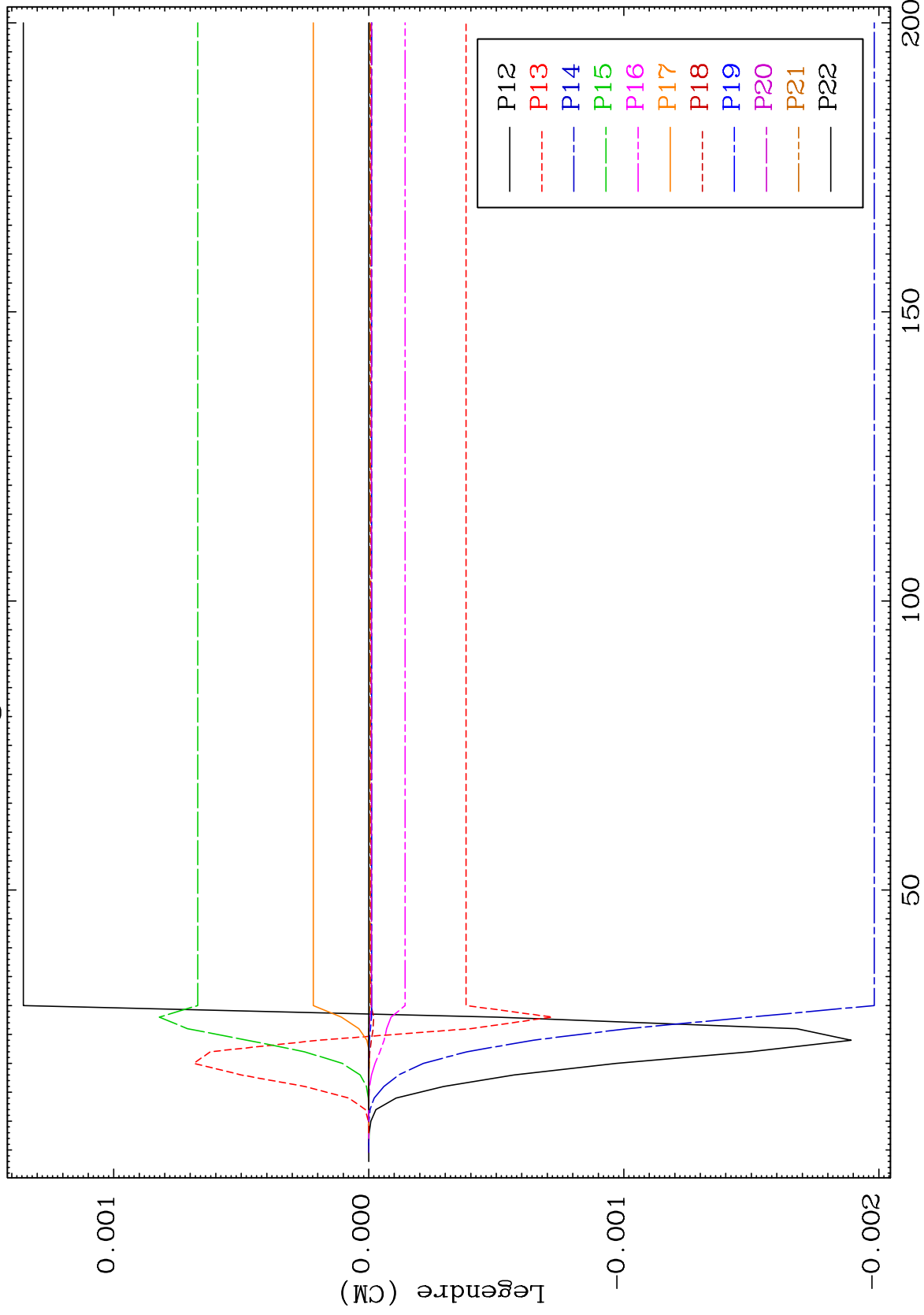
Incident Energy (MeV)

88

MAT 5555

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

55-Cs-143



89

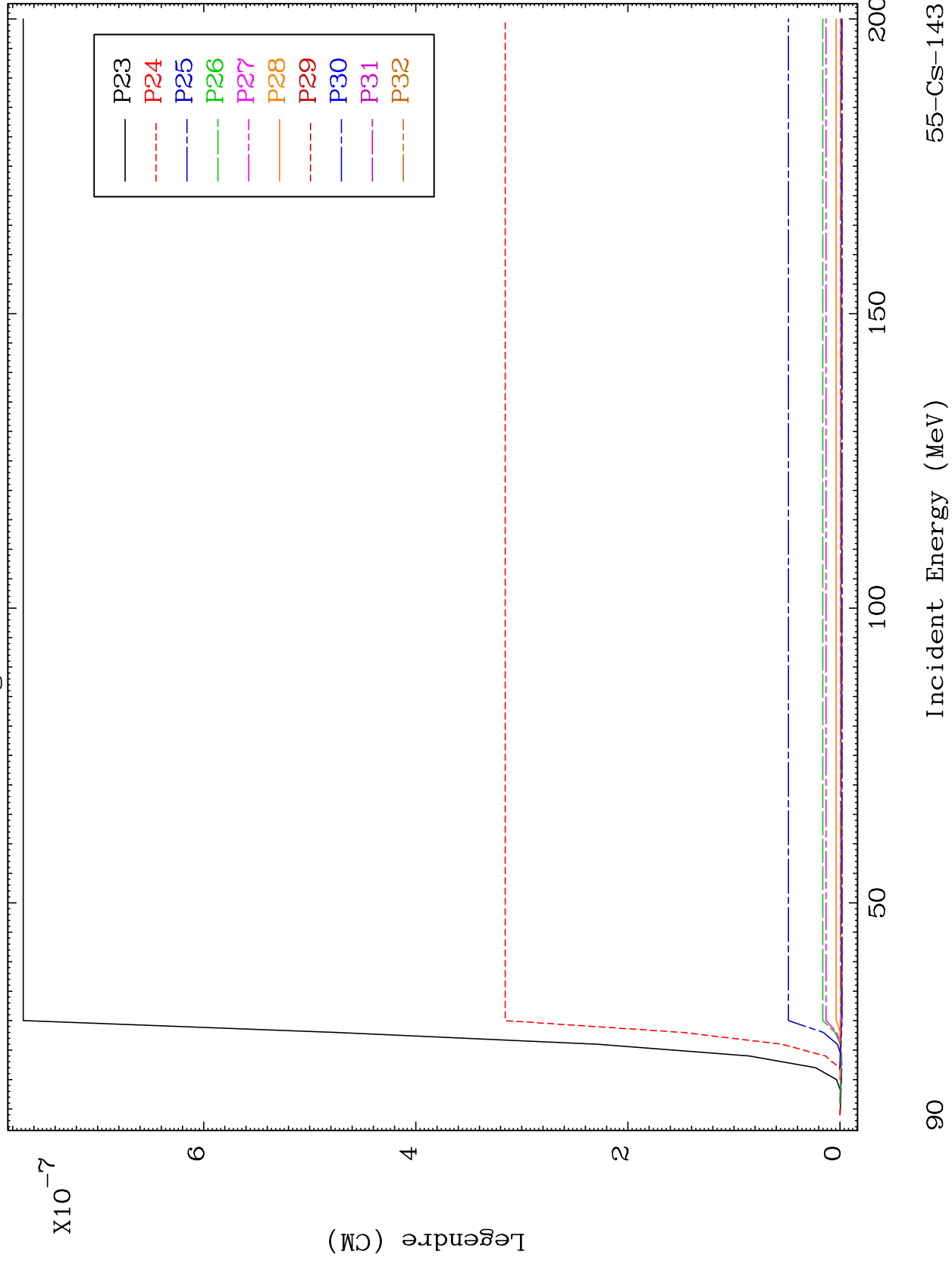
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143

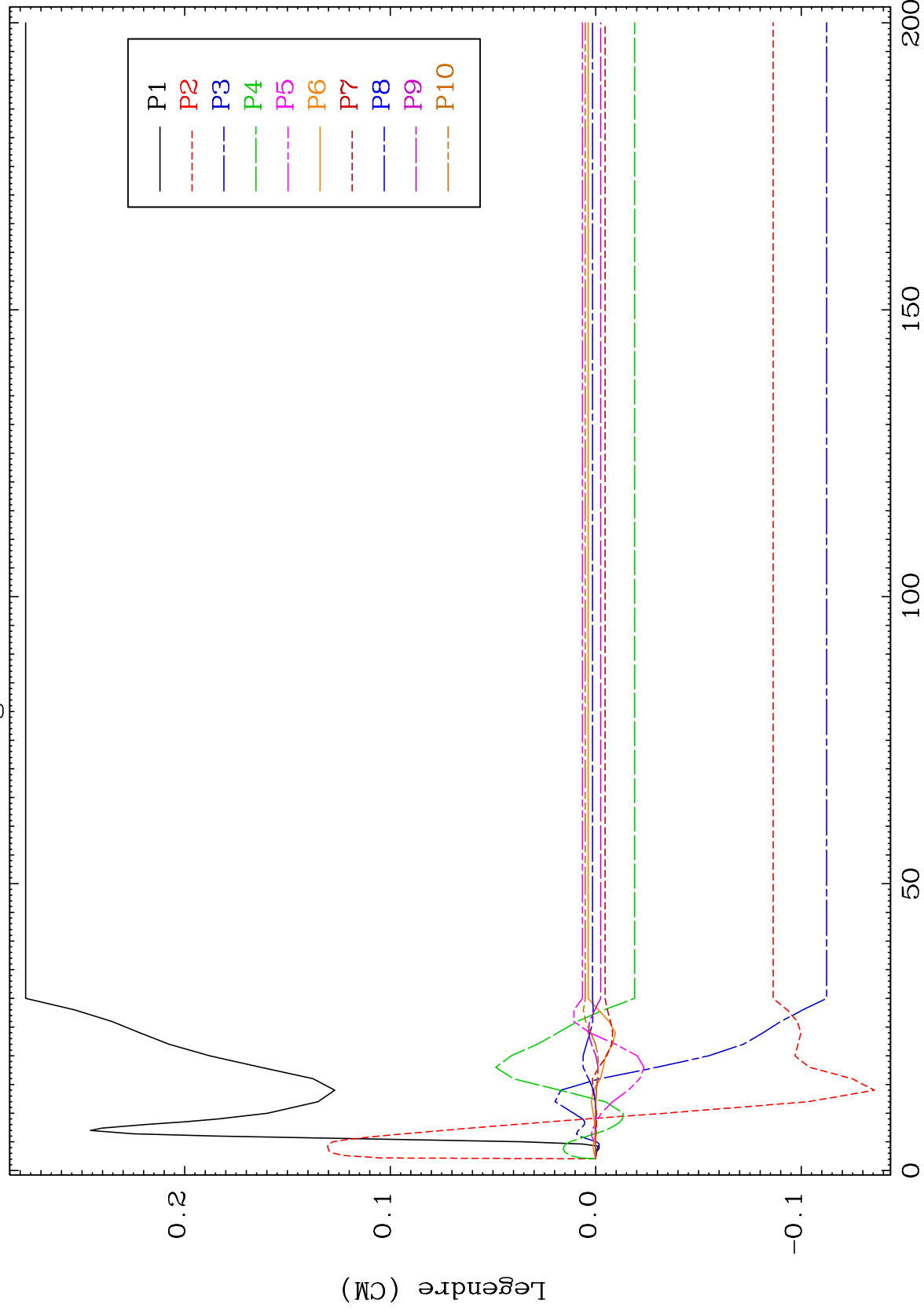


55-Cs-143

MAT 5555

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

55-Cs-143



91

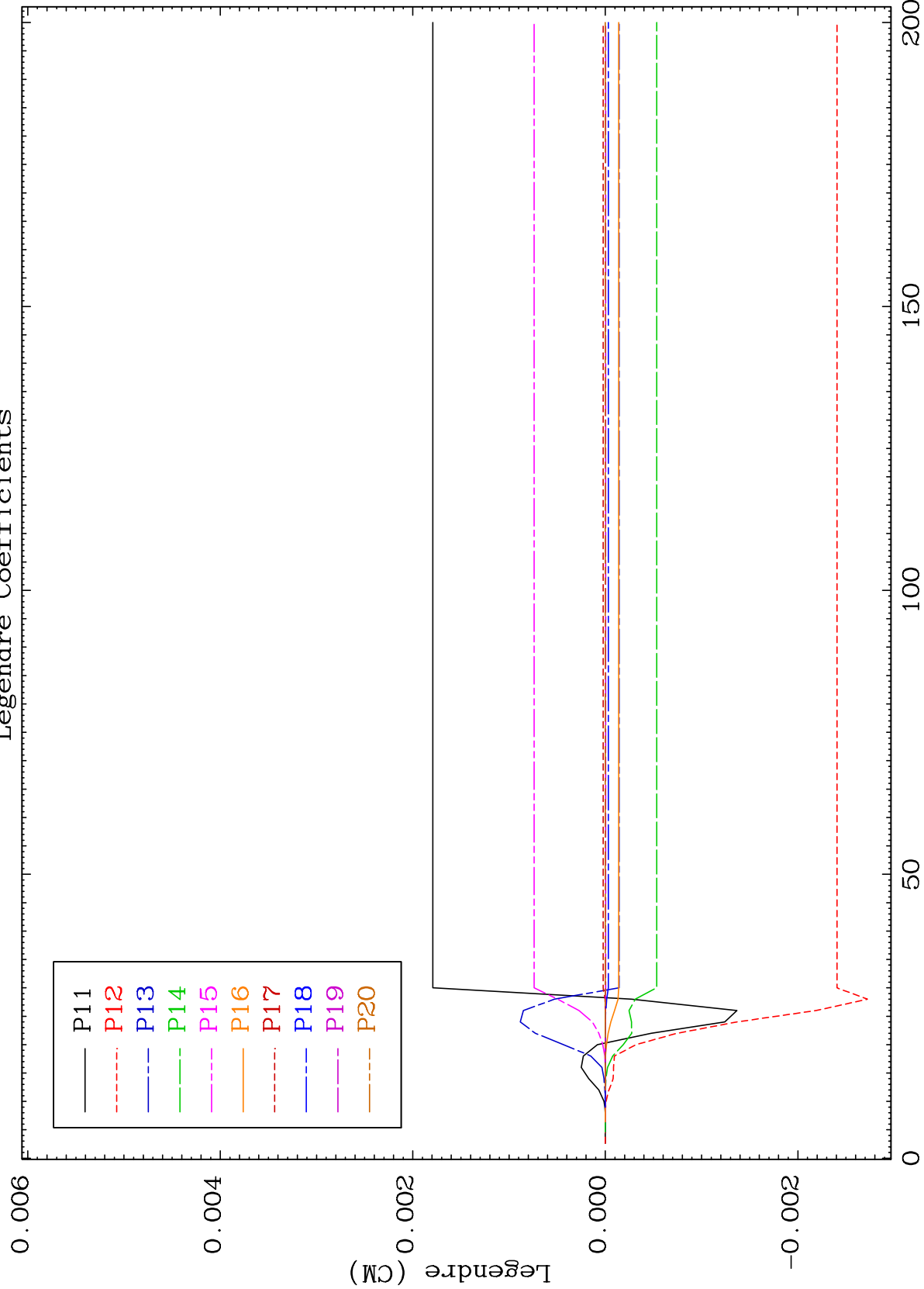
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



92

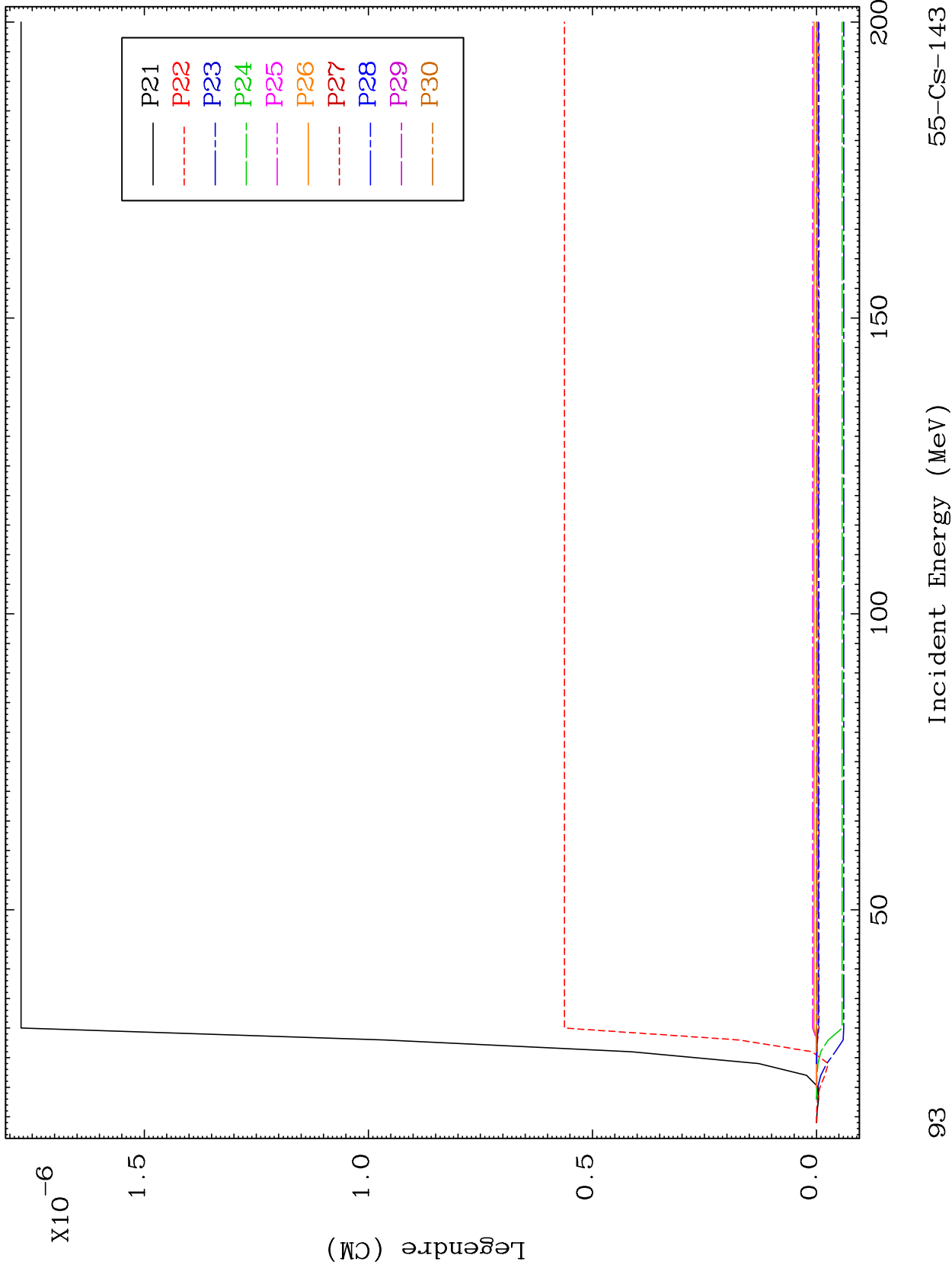
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

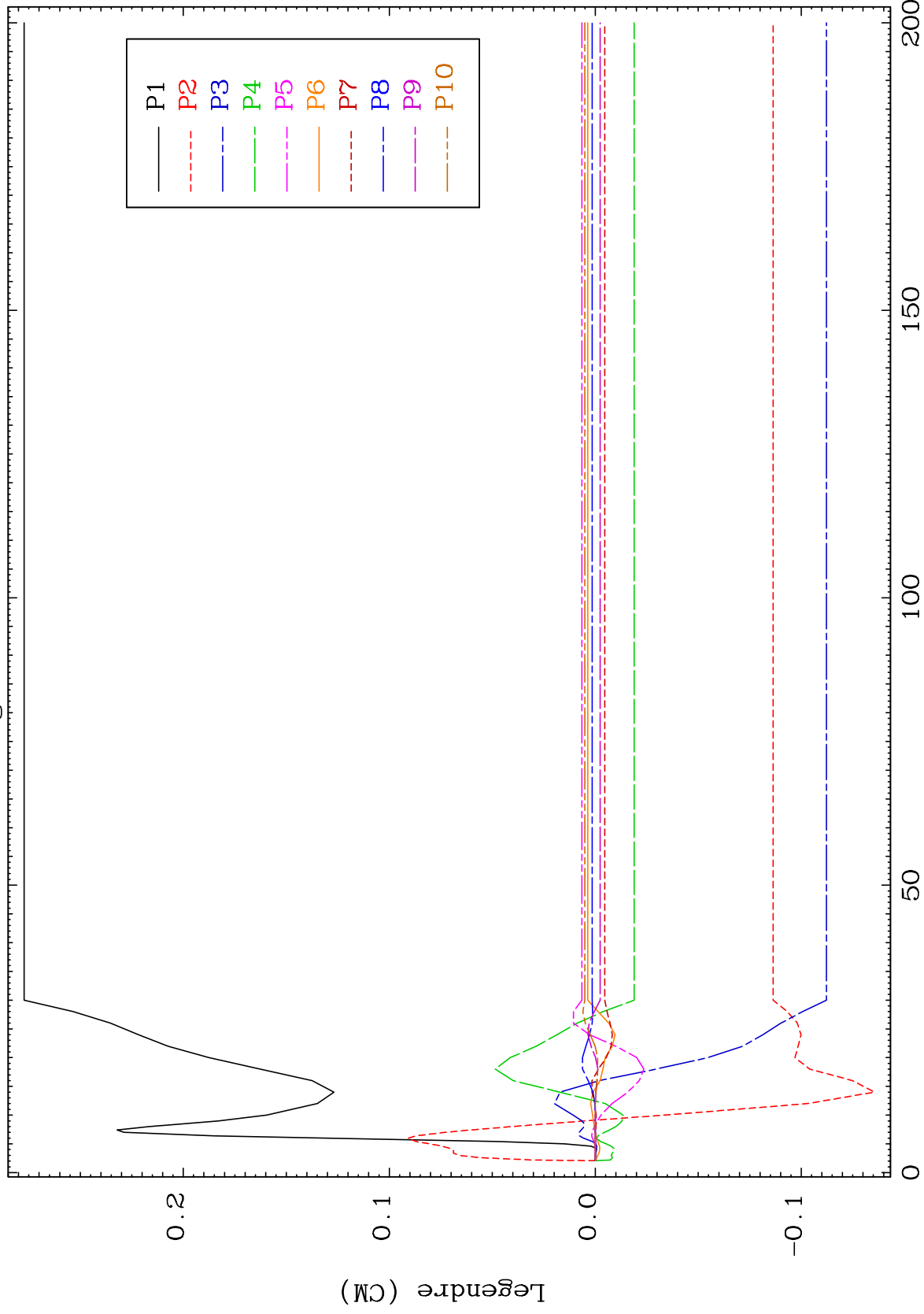
55-Cs-143



MAT 5555

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

55-Cs-143



94

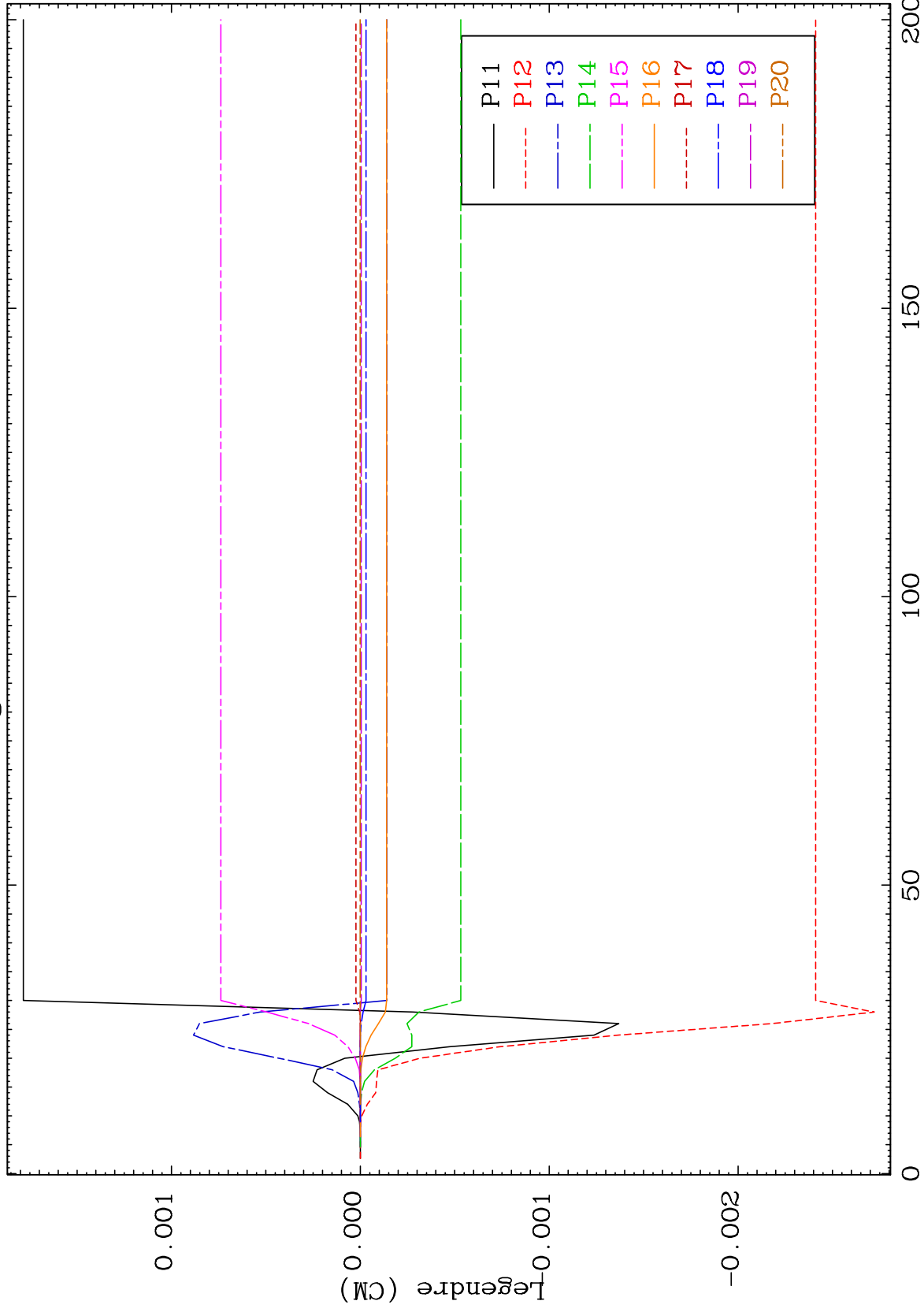
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



95

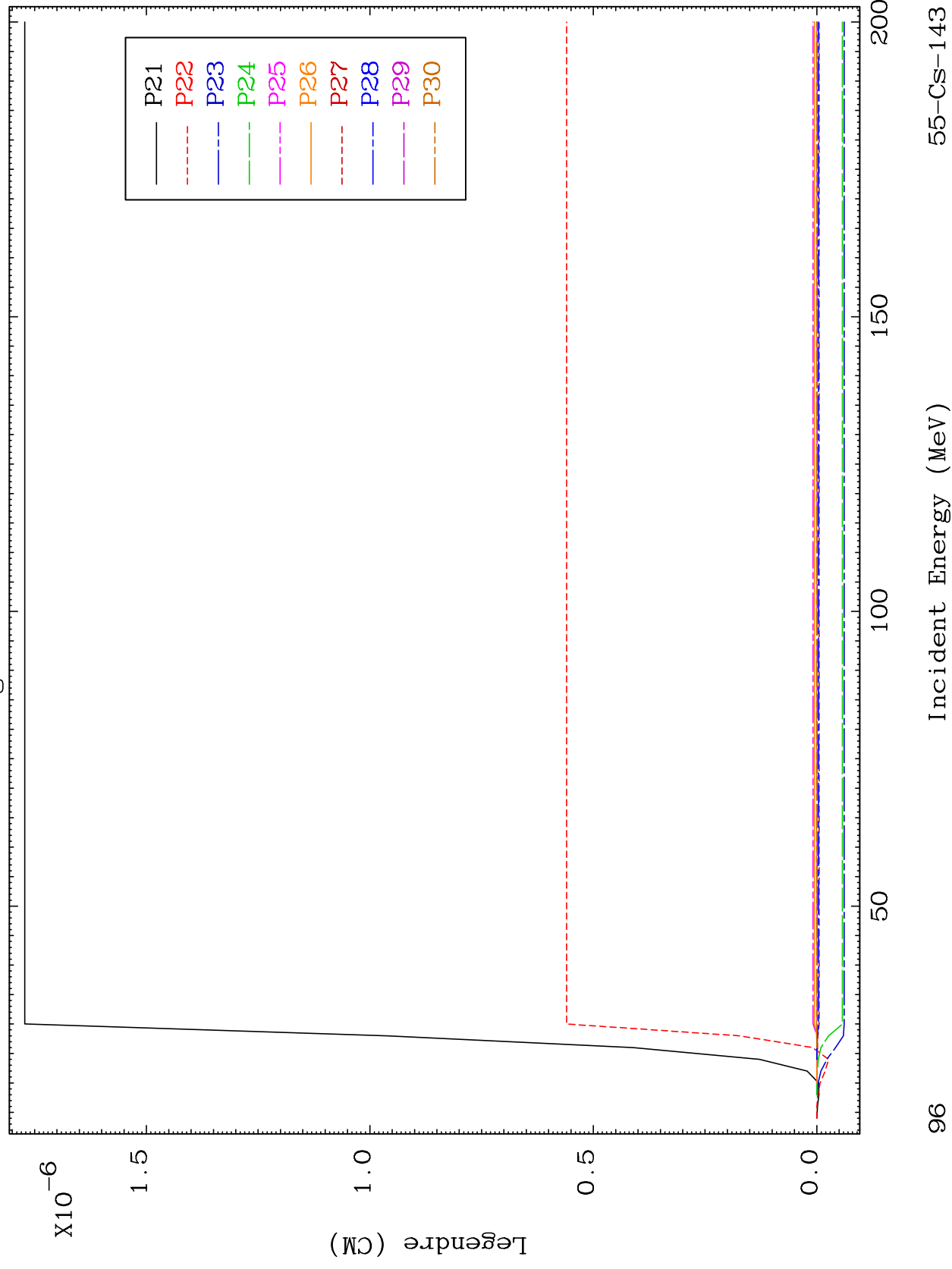
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



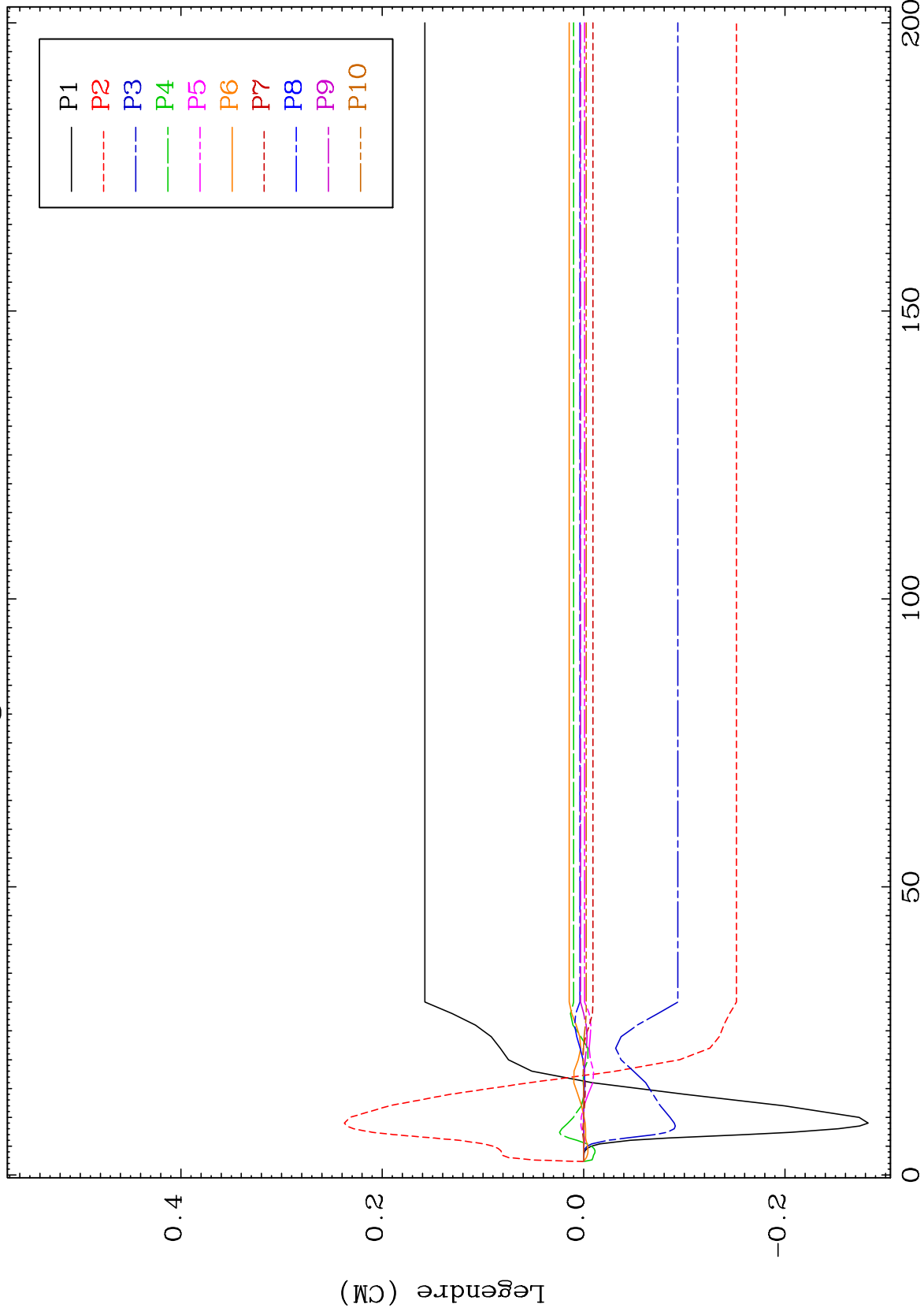
96

55-Cs-143

MAT 5555

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

55-Cs-143



97

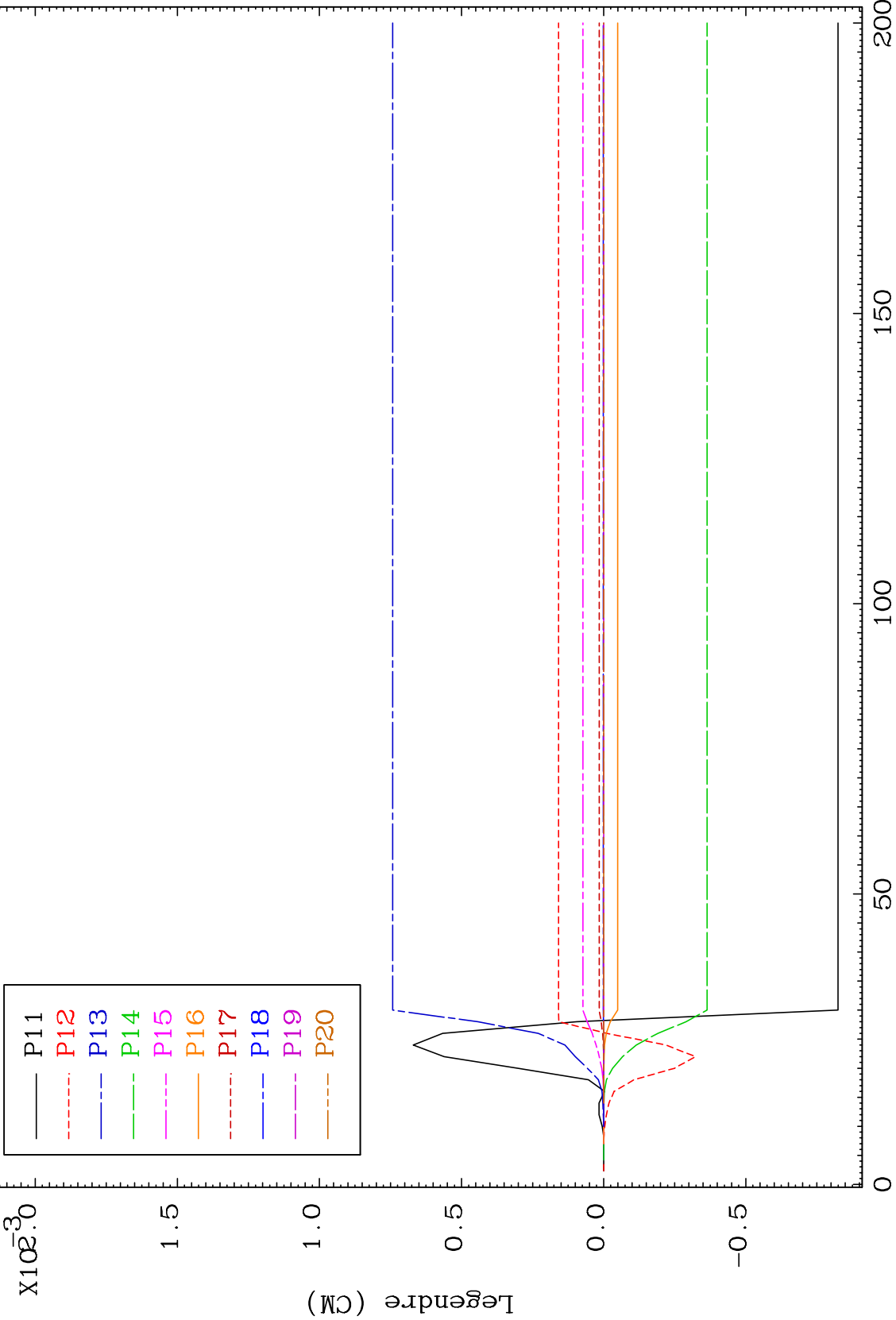
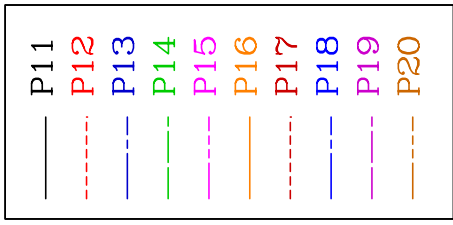
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



98

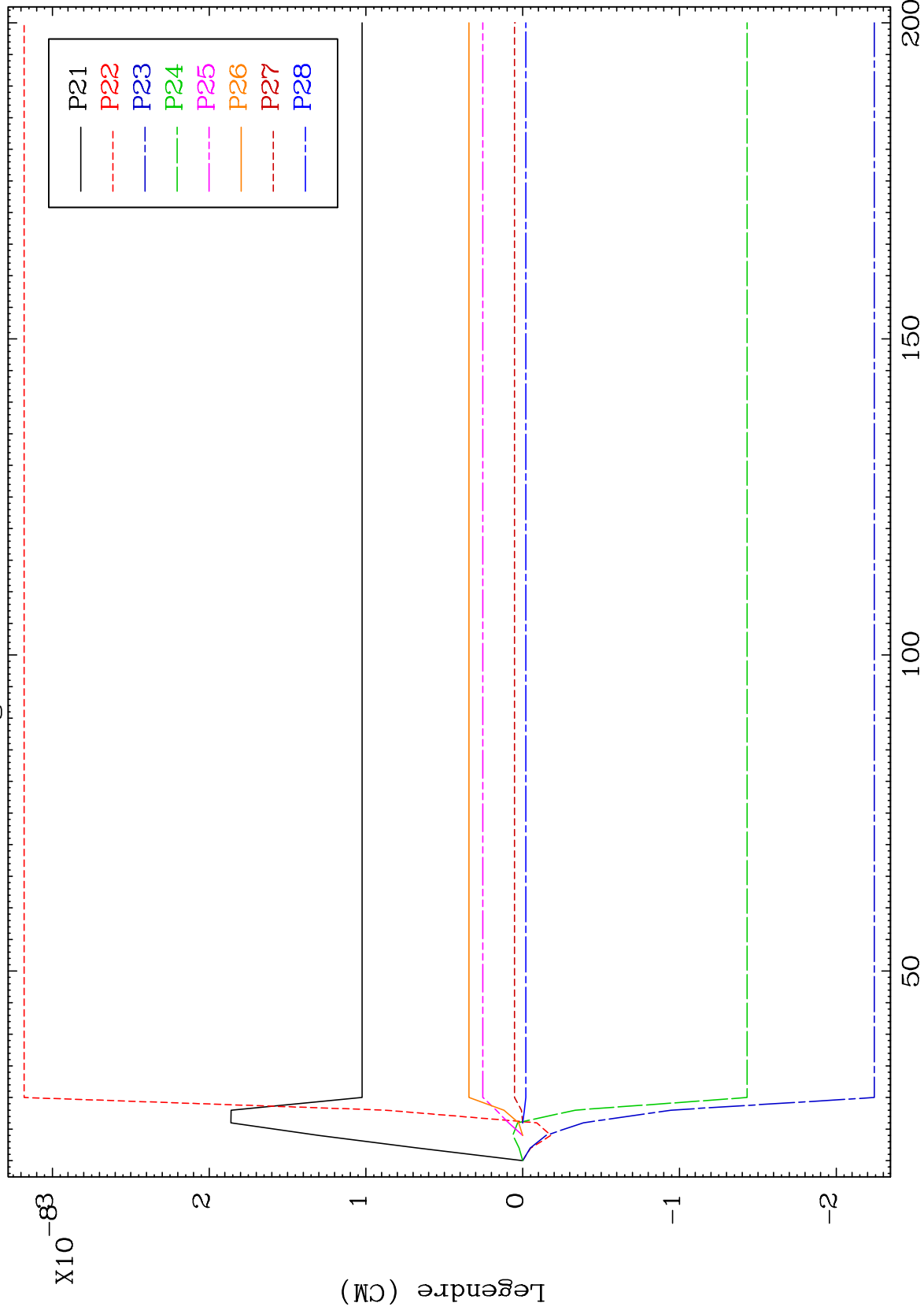
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



99

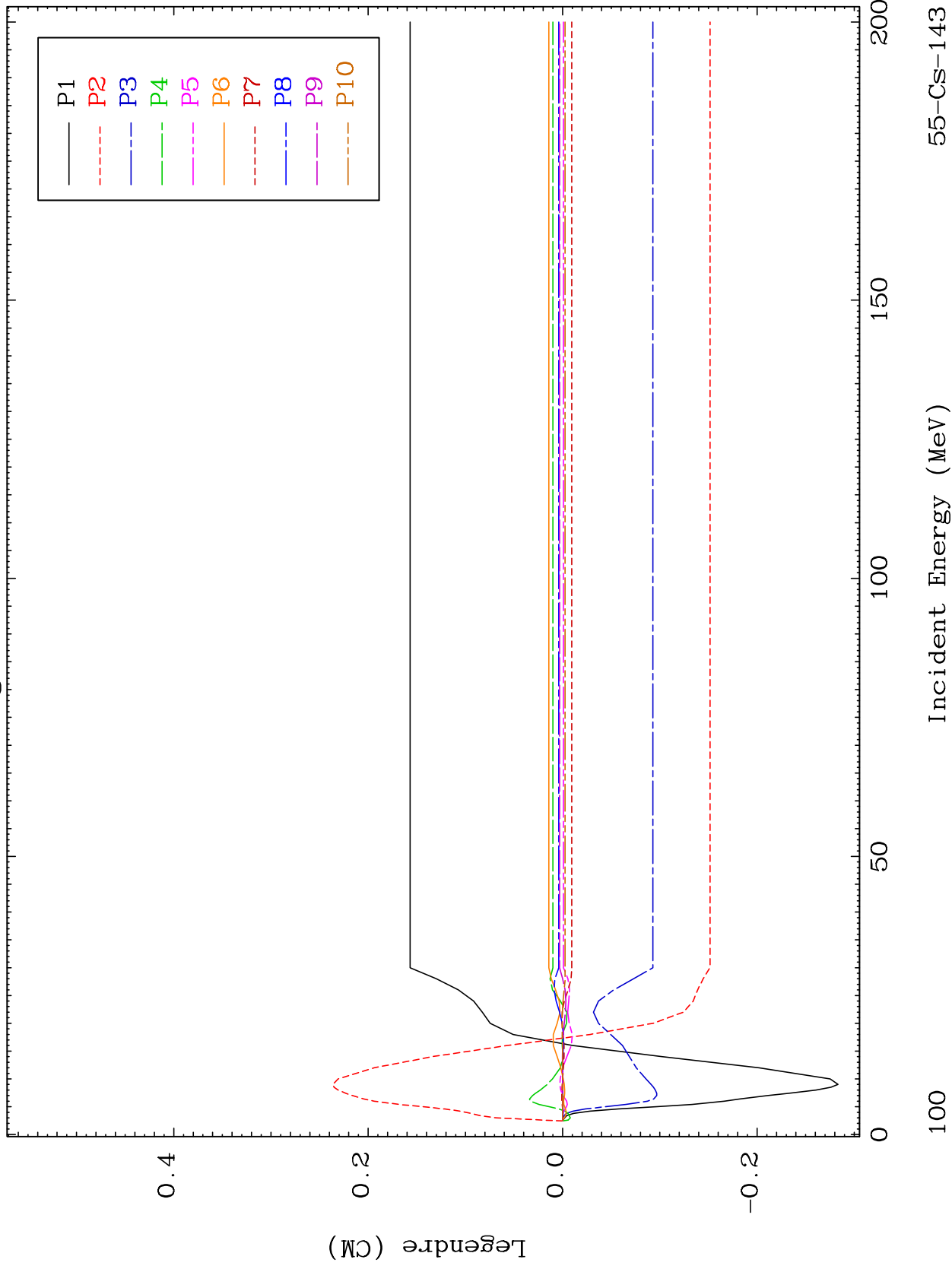
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143

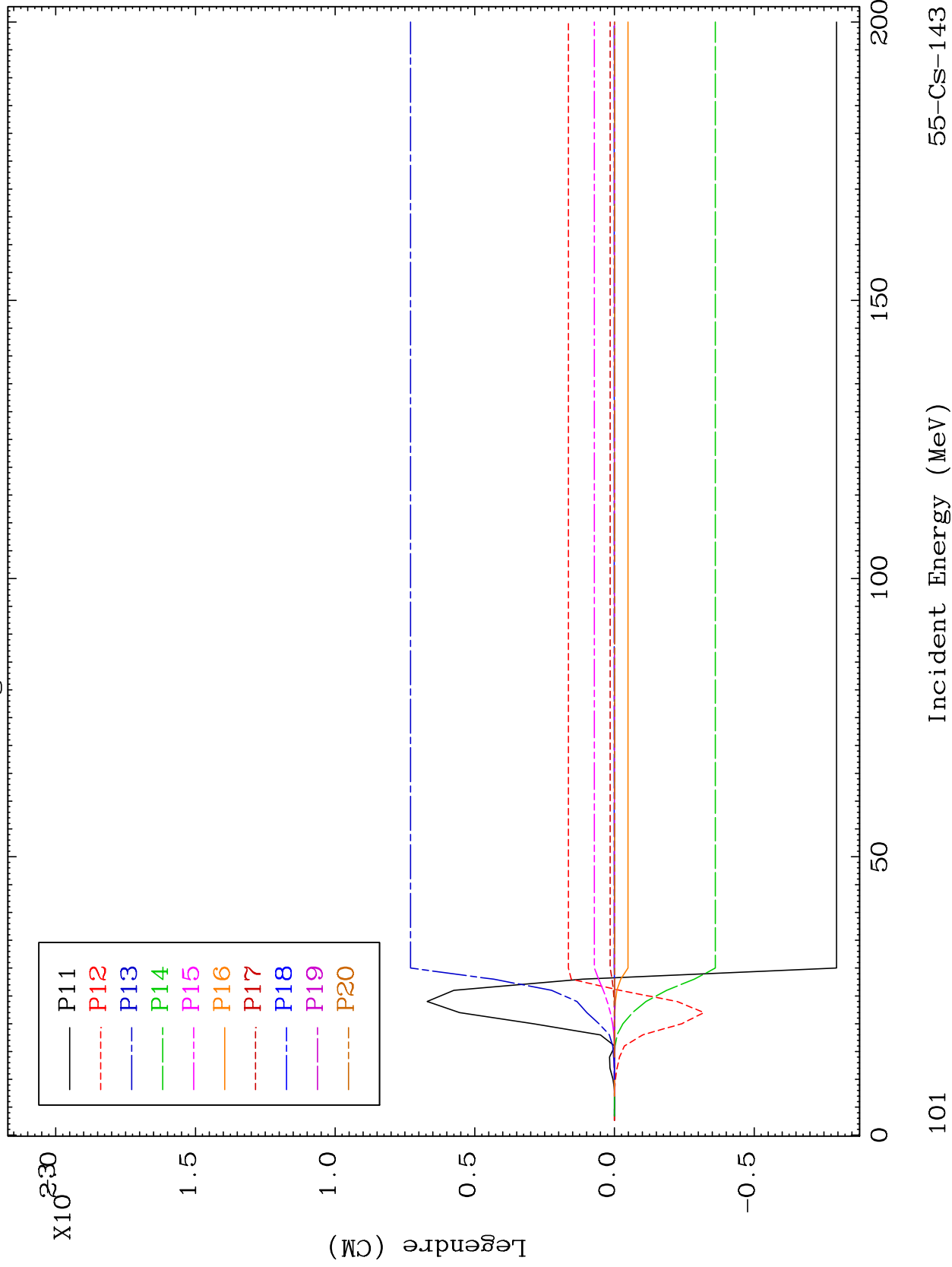


55-Cs-143

MAT 5555

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

55-Cs-143



101

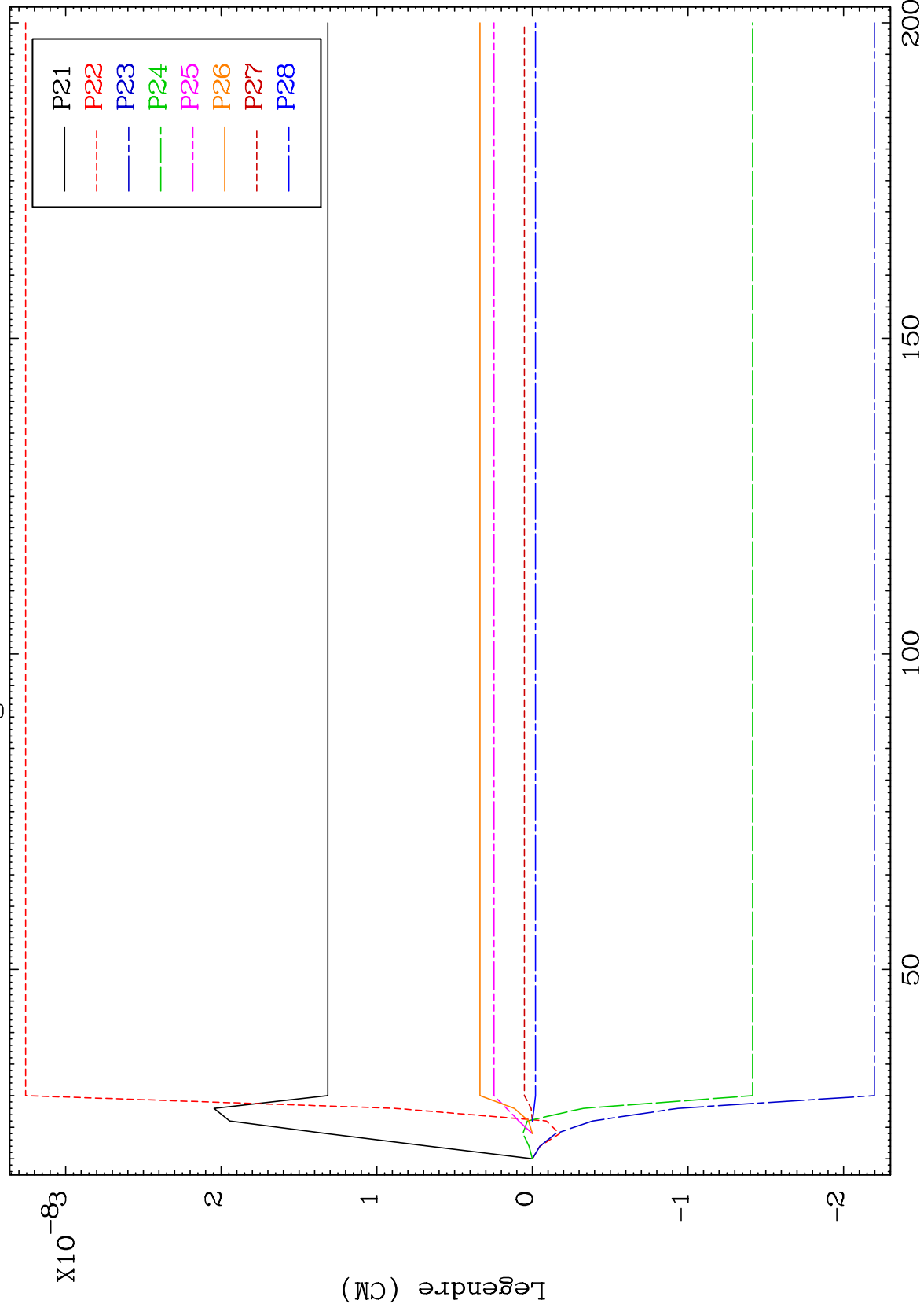
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



102

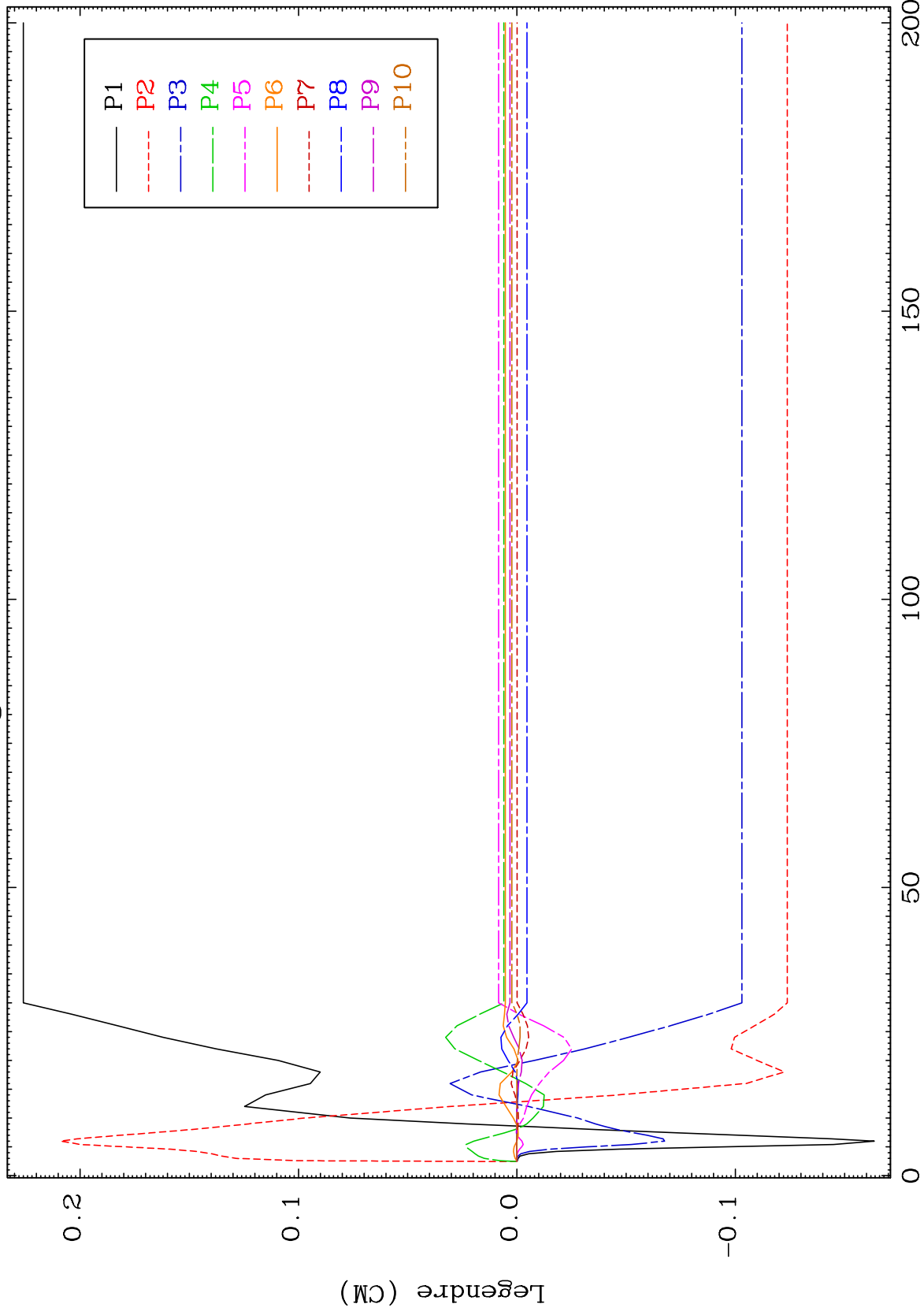
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



103

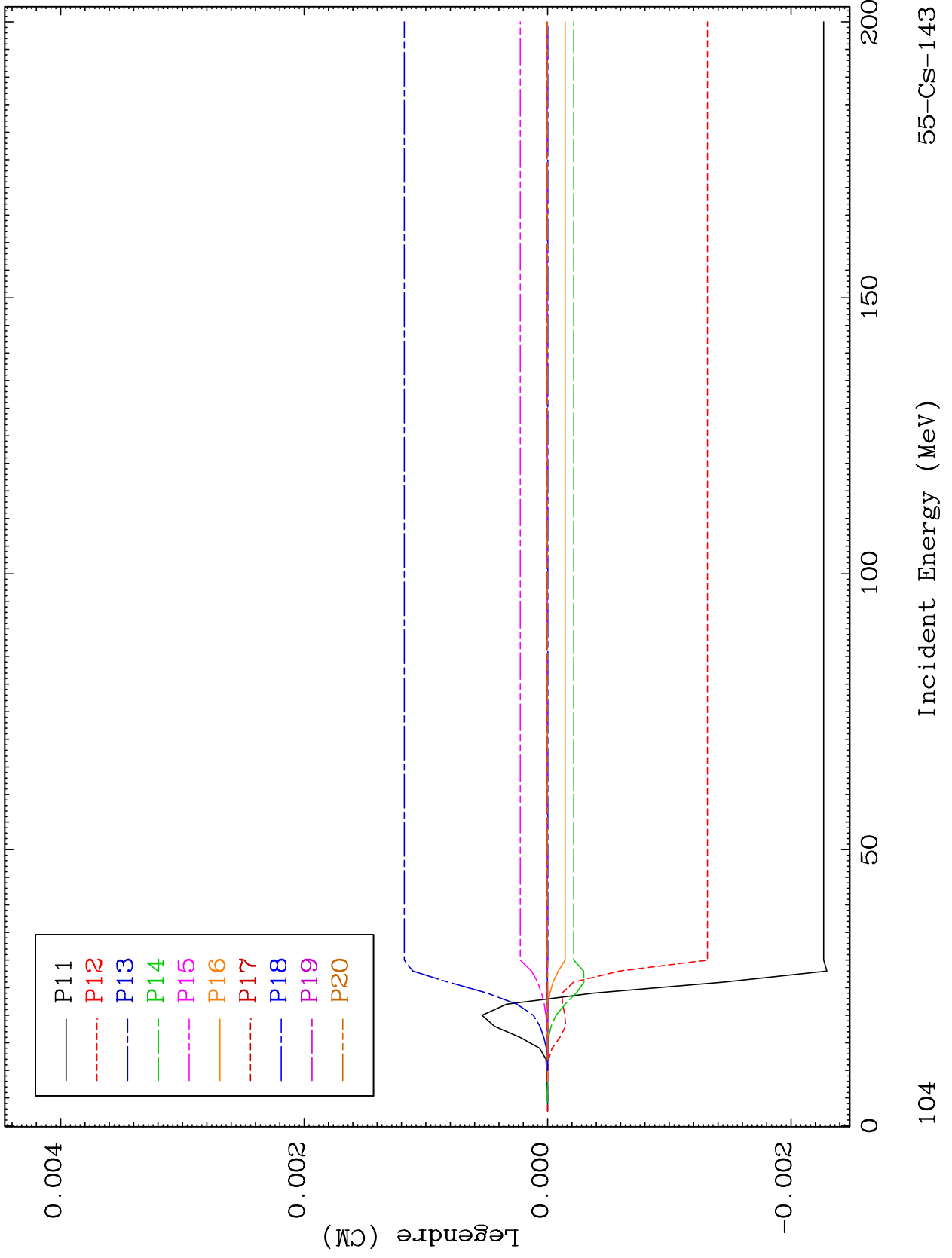
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

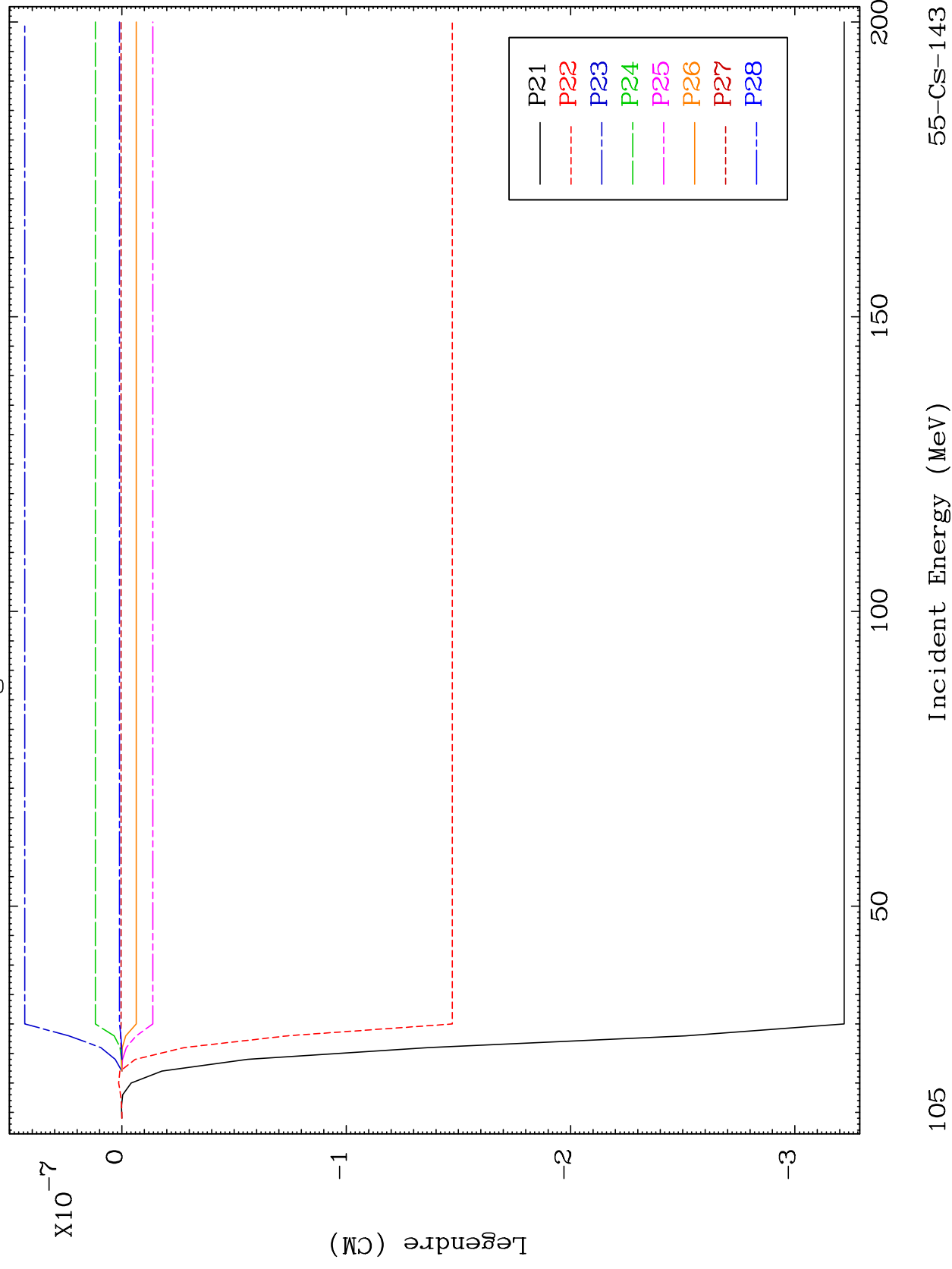
55-Cs-143



MAT 5555

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

55-Cs-143



105

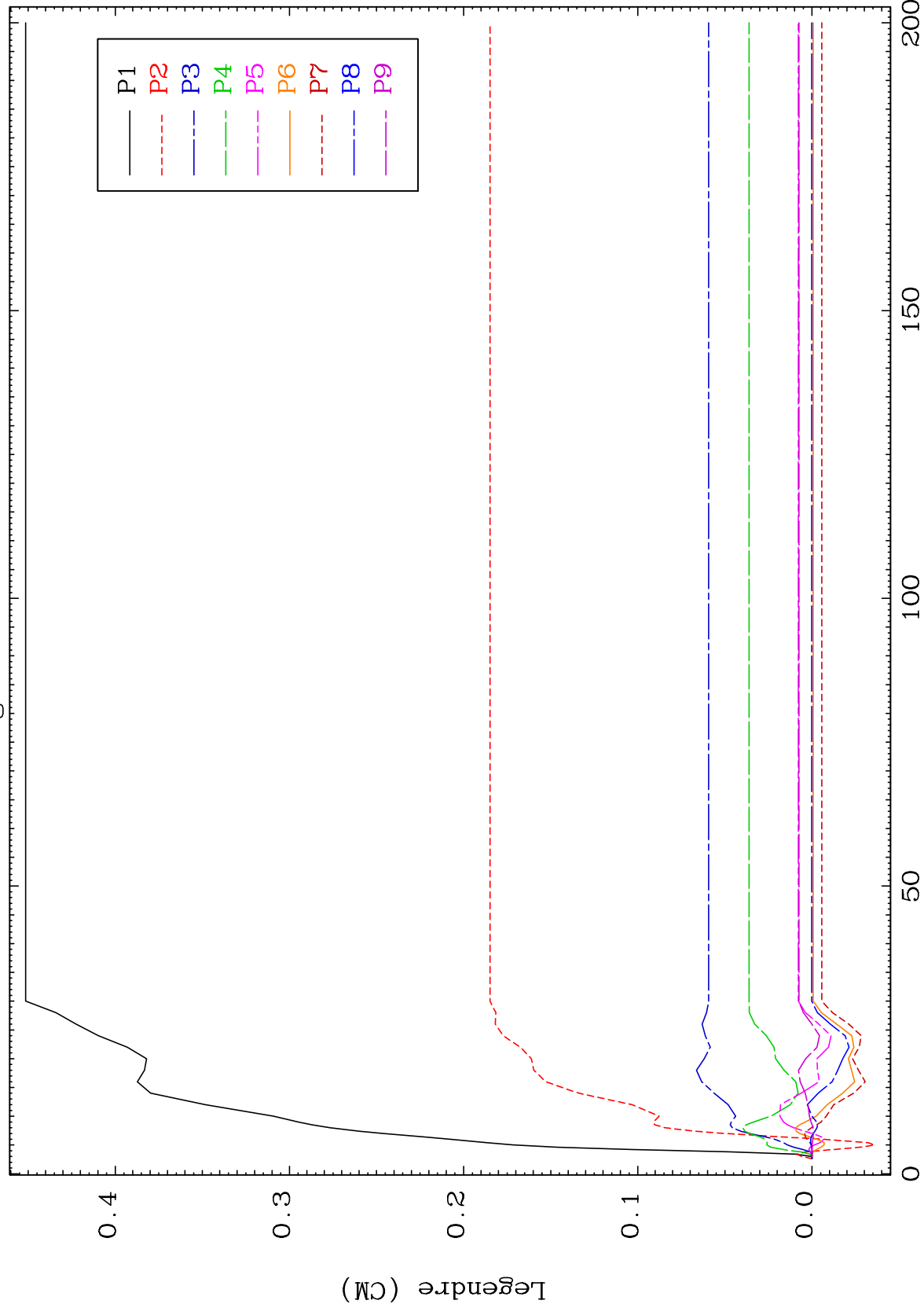
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



55-Cs-143

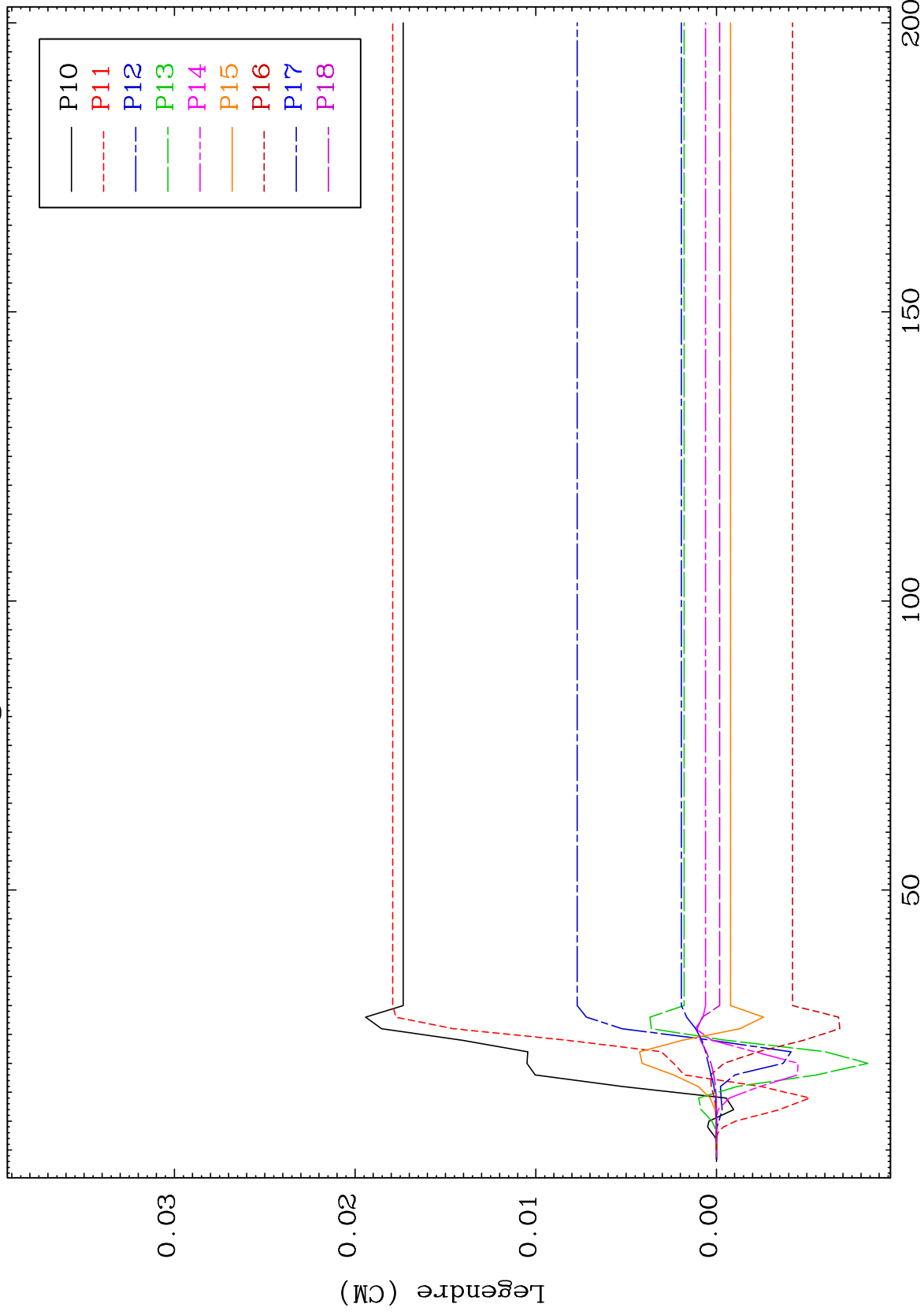
Incident Energy (MeV)

106

MAT 5555

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

55-Cs-143



107

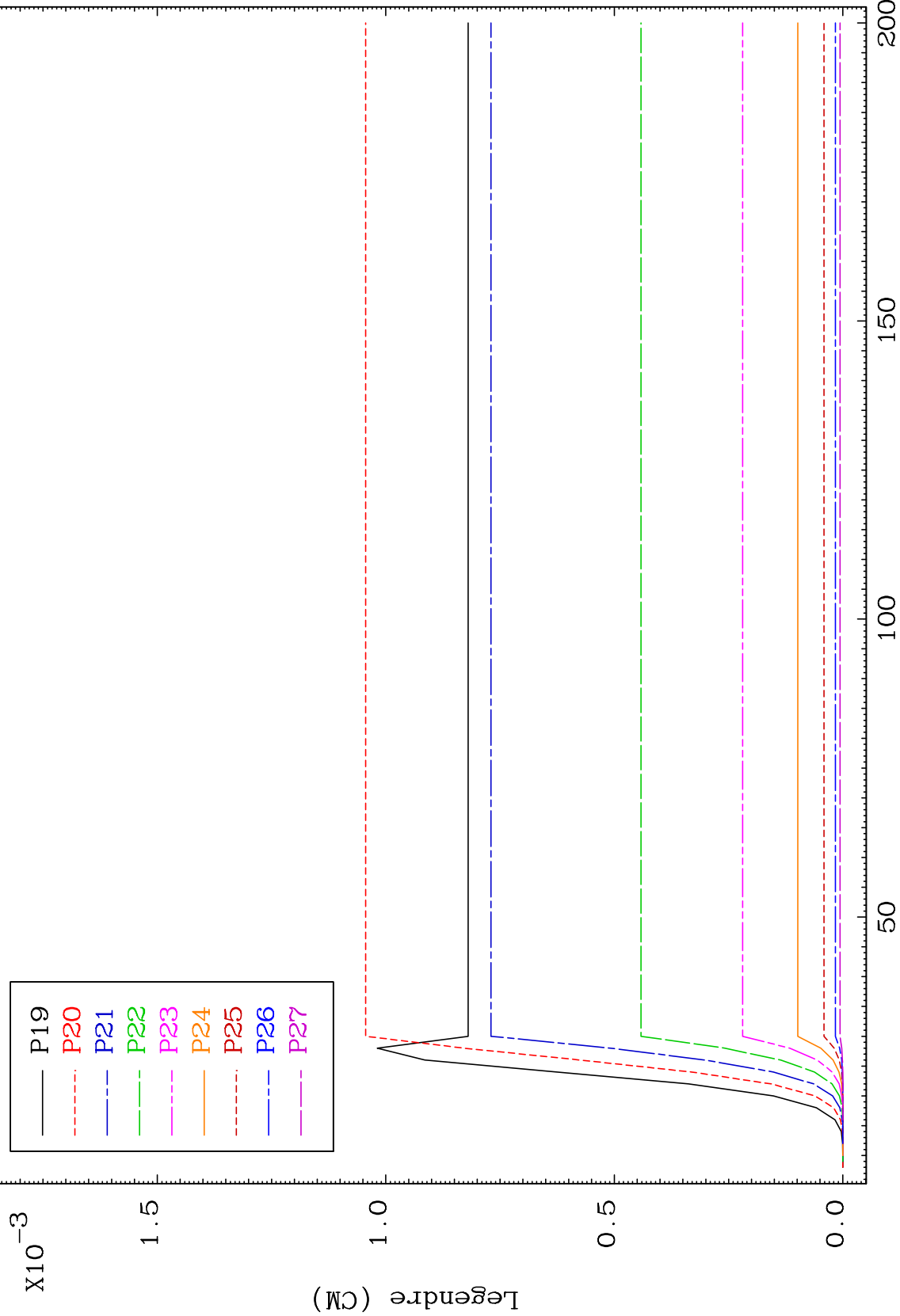
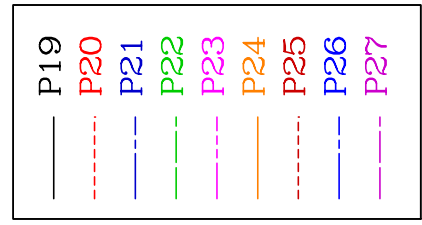
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



108

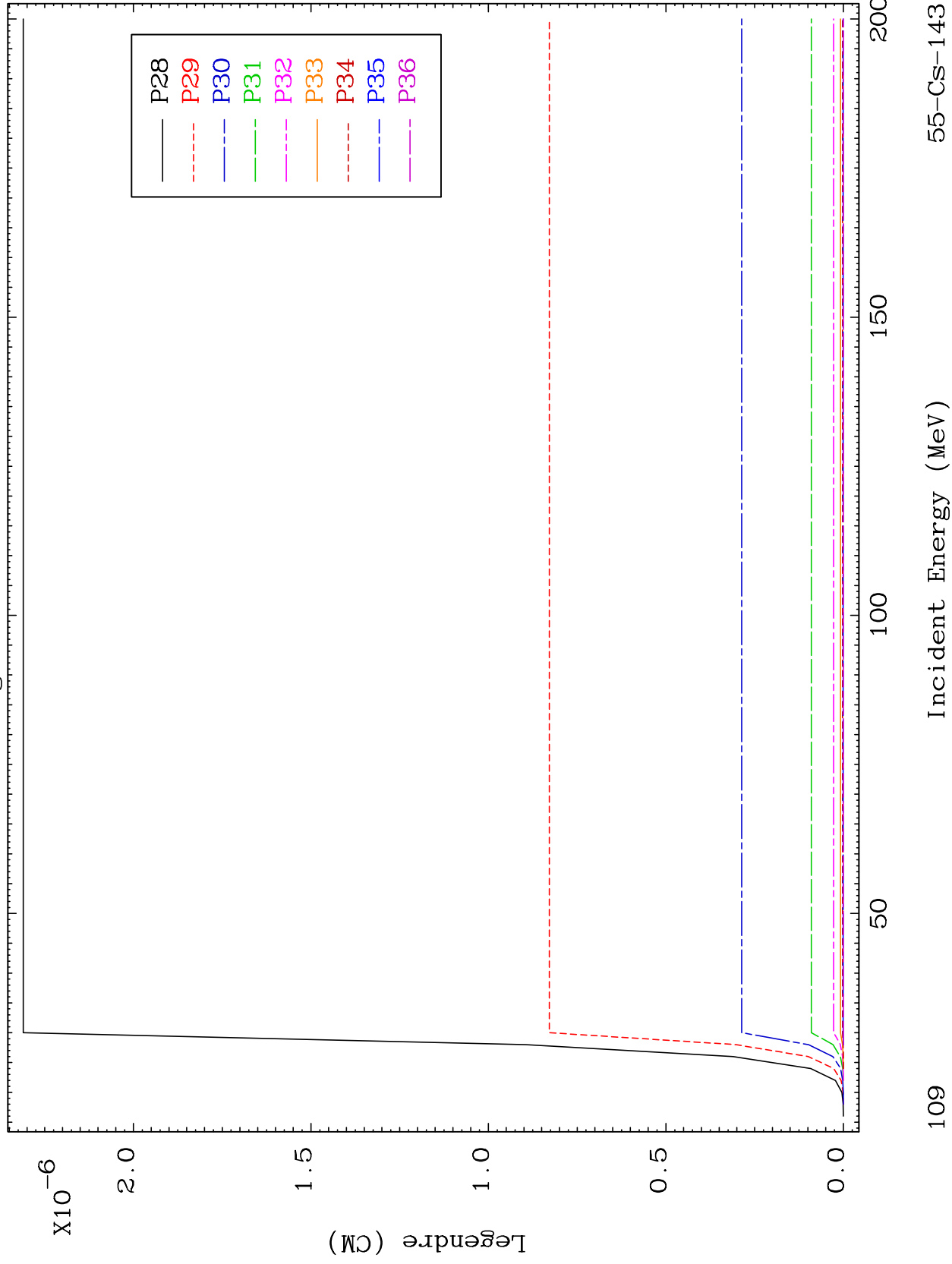
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



109

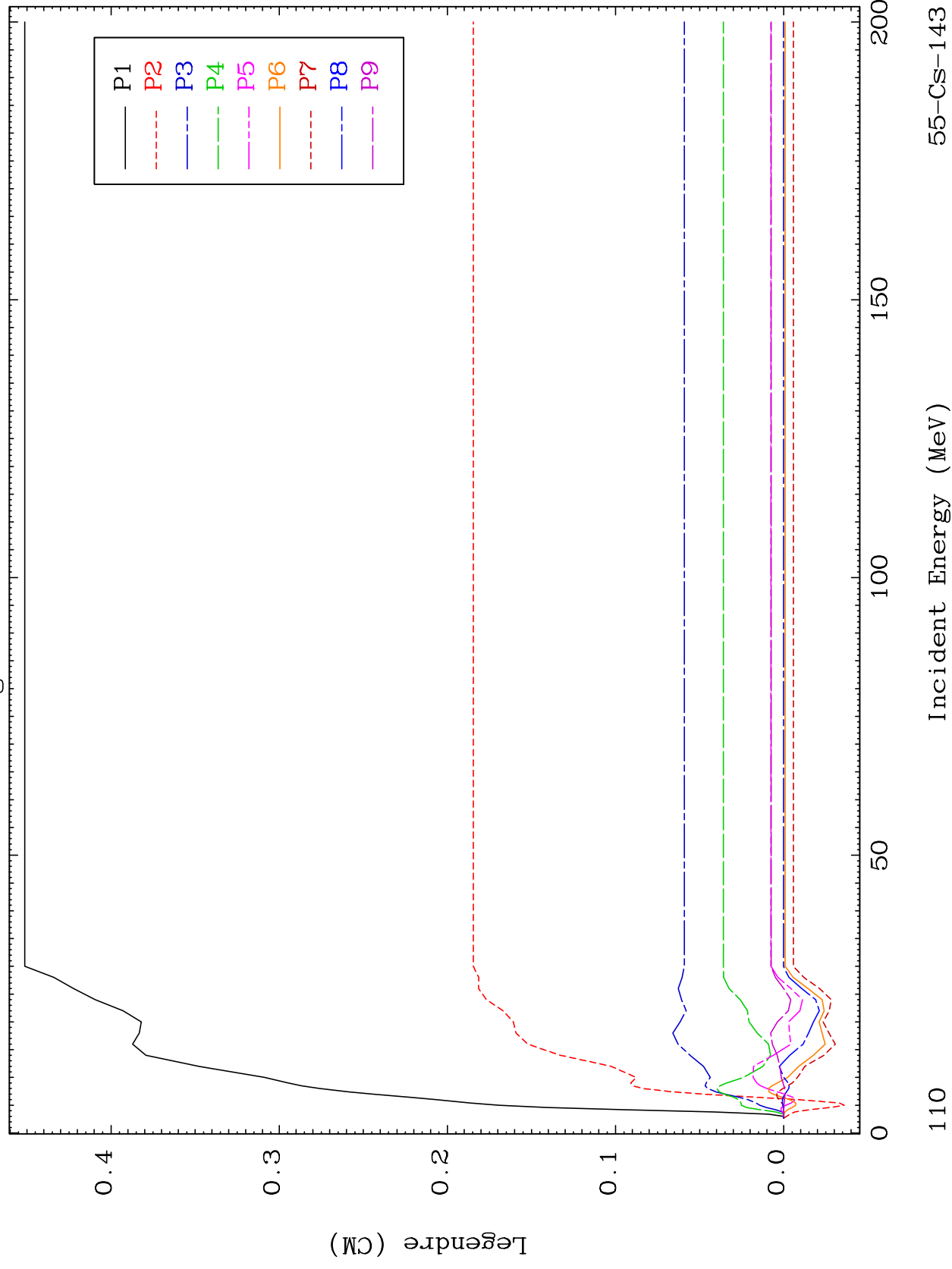
Incident Energy (MeV)

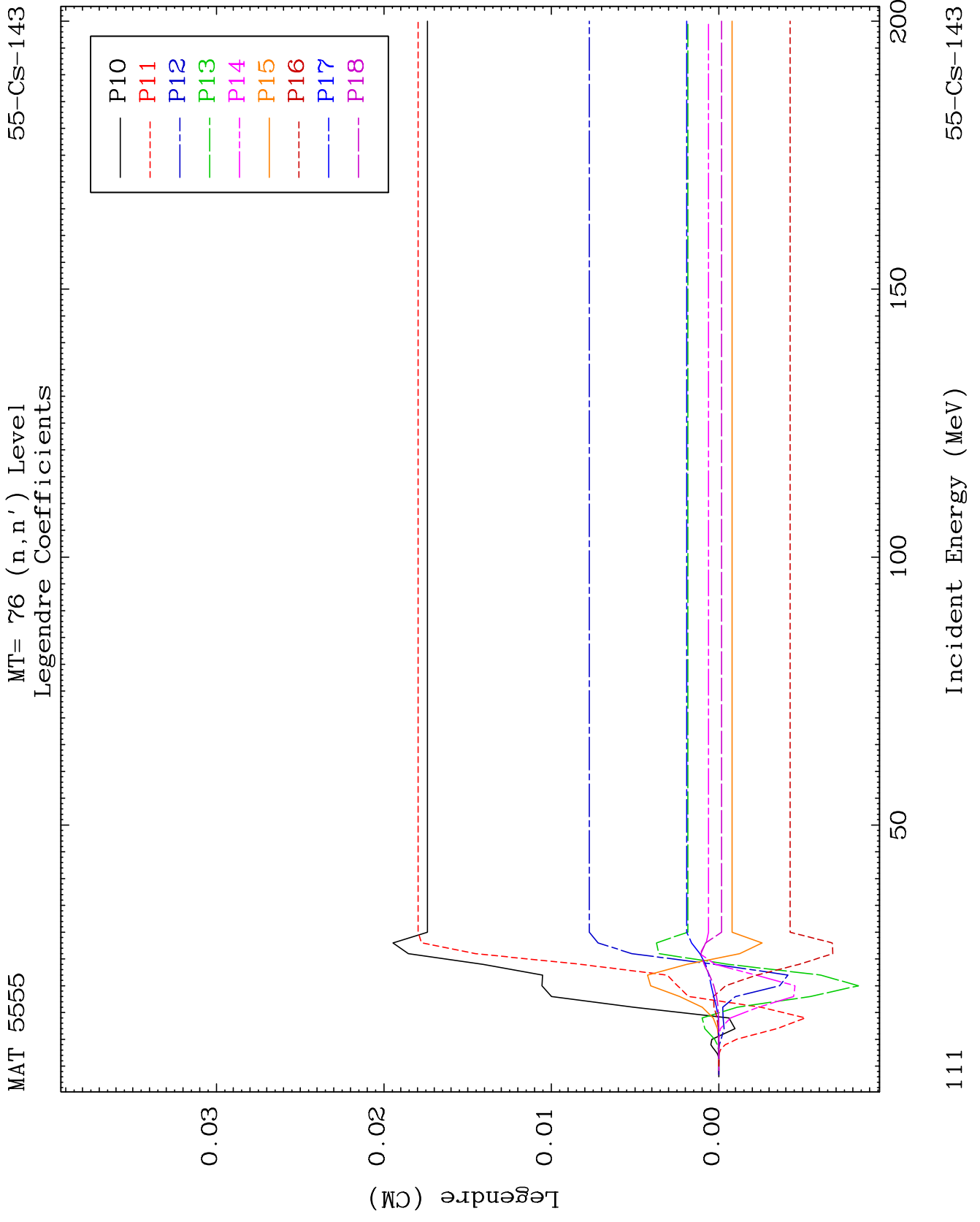
55-Cs-143

MAT 5555

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

55-Cs-143

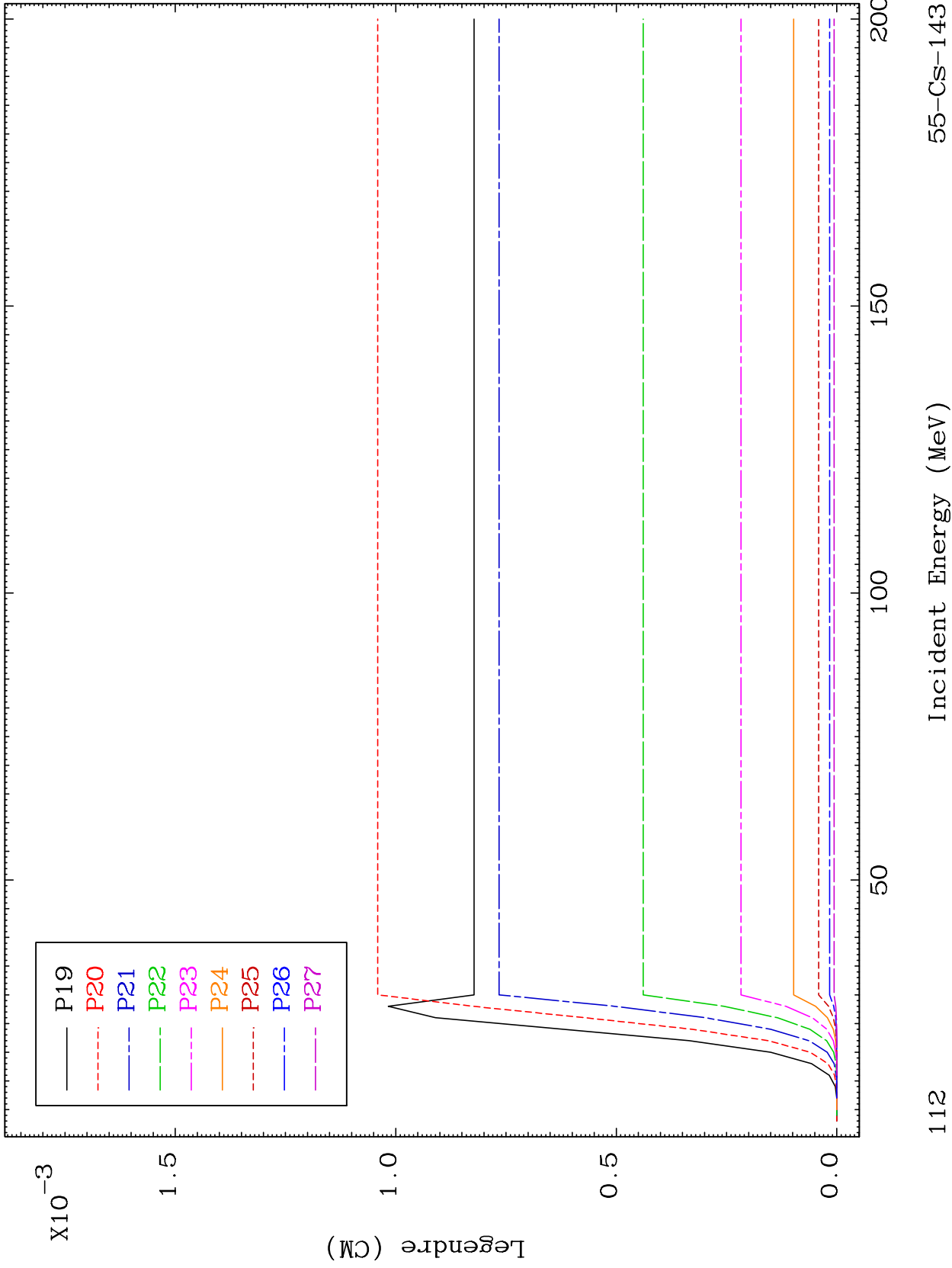




MAT 5555

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

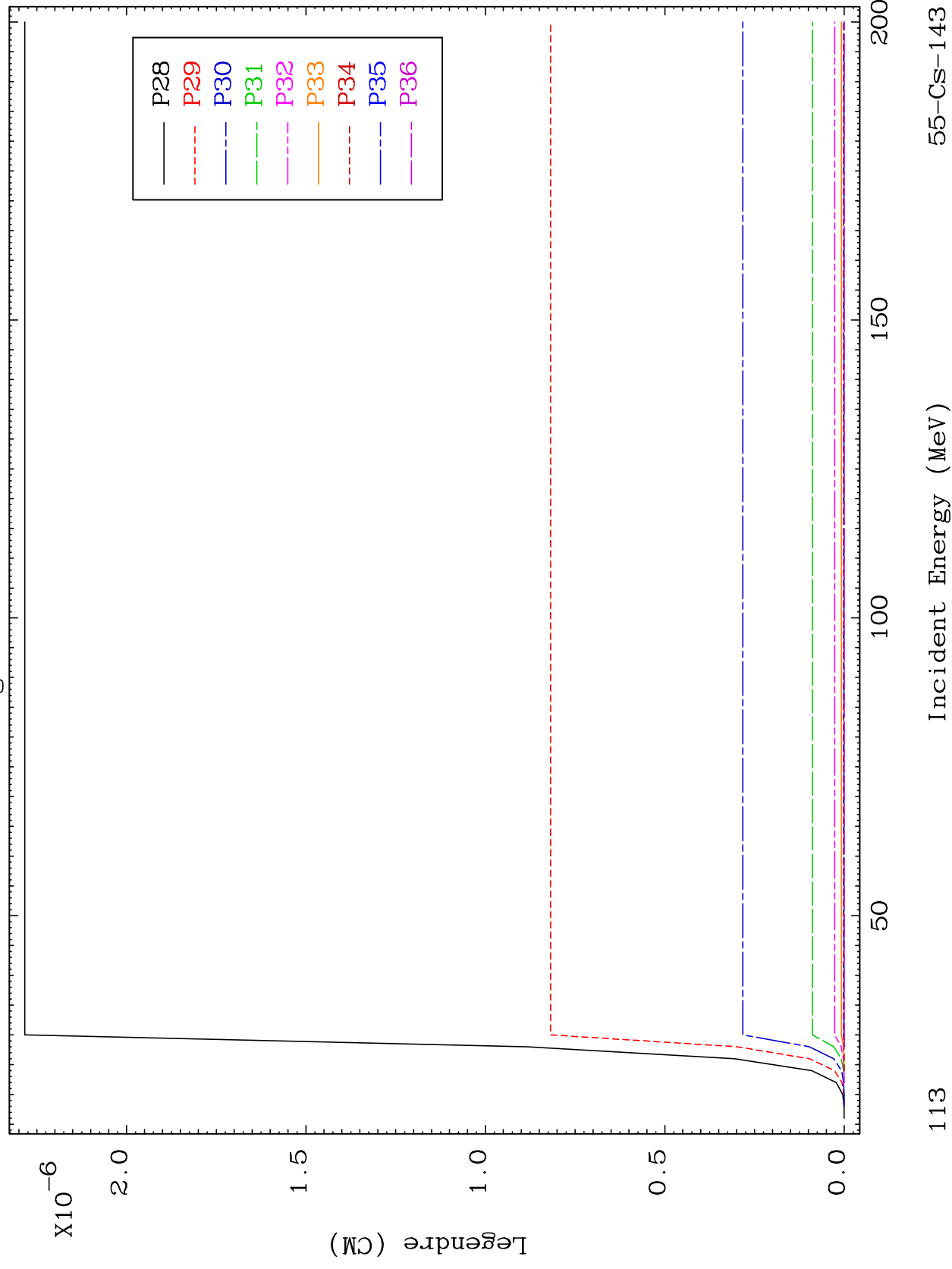
55-Cs-143



MAT 5555

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

55-Cs-143



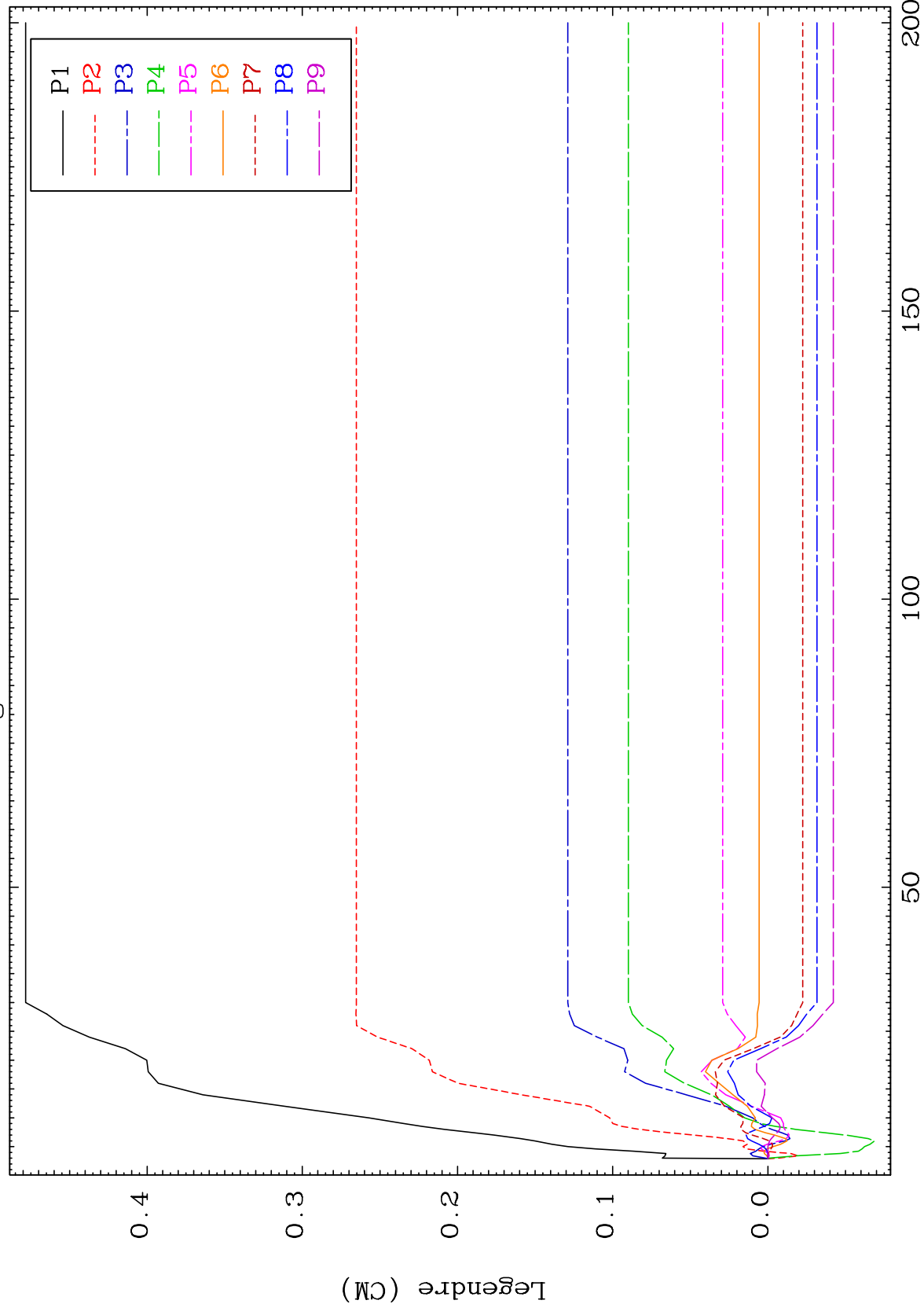
113

55-Cs-143

MAT 5555

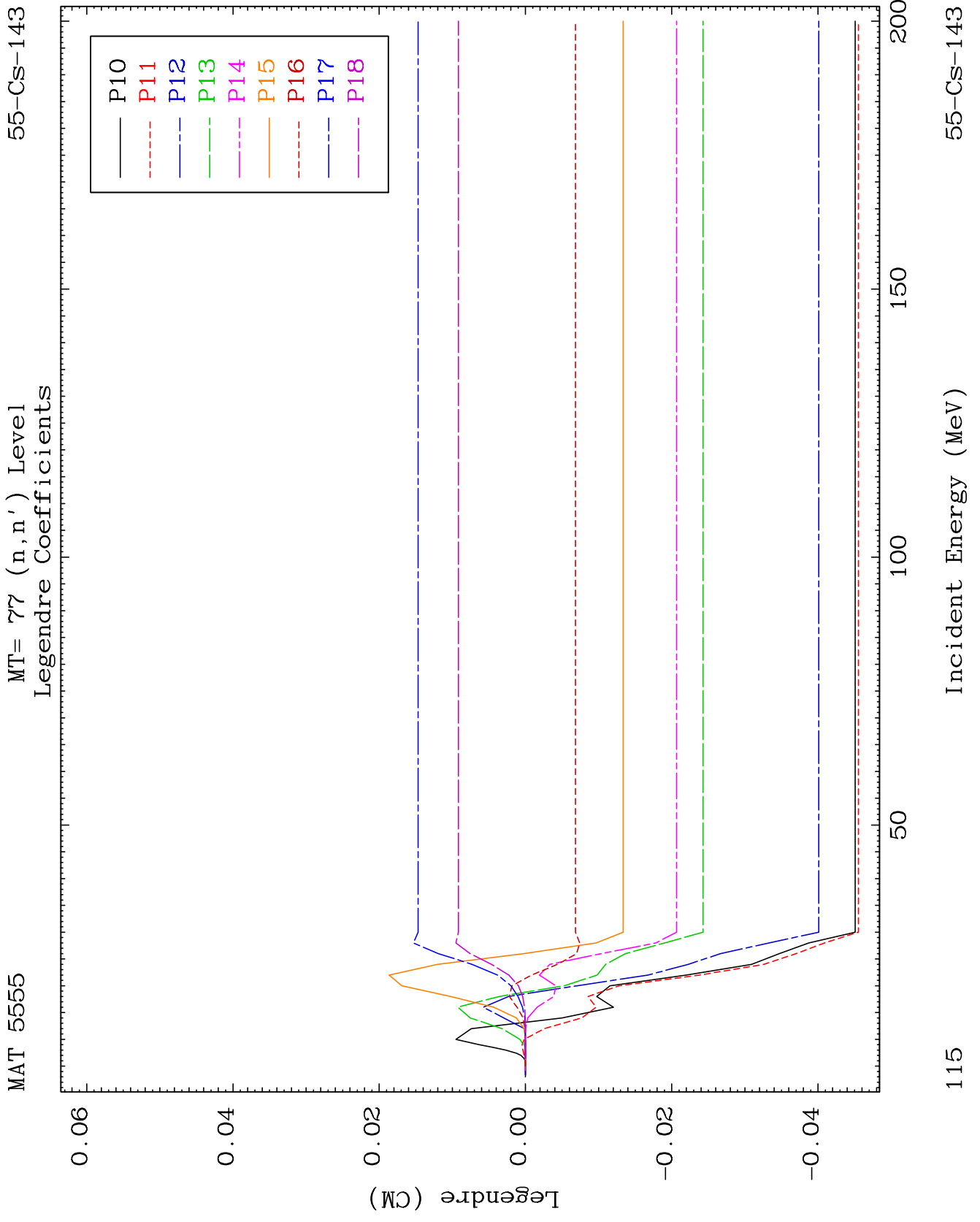
MT= 77 (n,n') Level
Legendre Coefficients

55-Cs-143



114

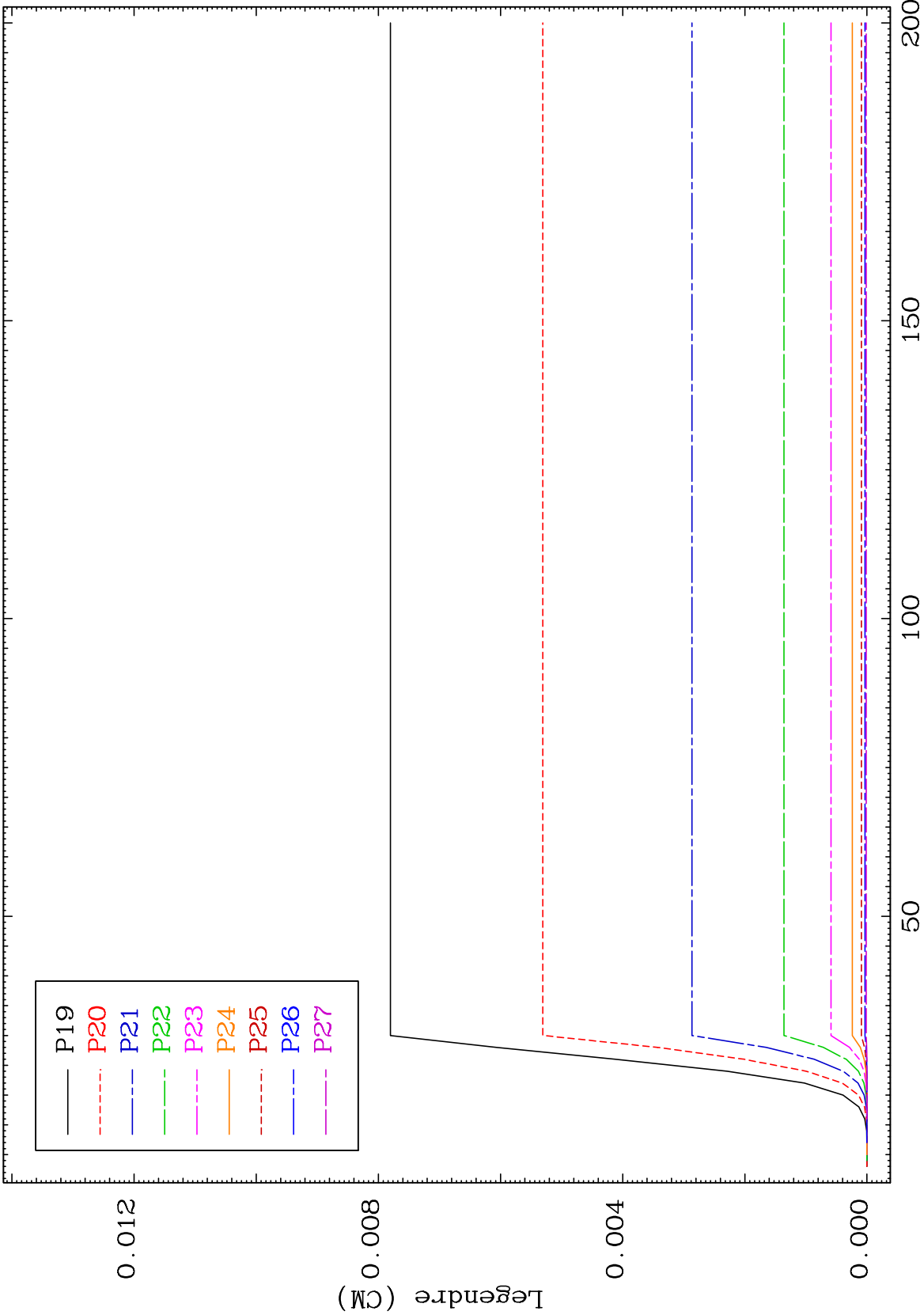
55-Cs-143



MAT 5555

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

55-Cs-143



116

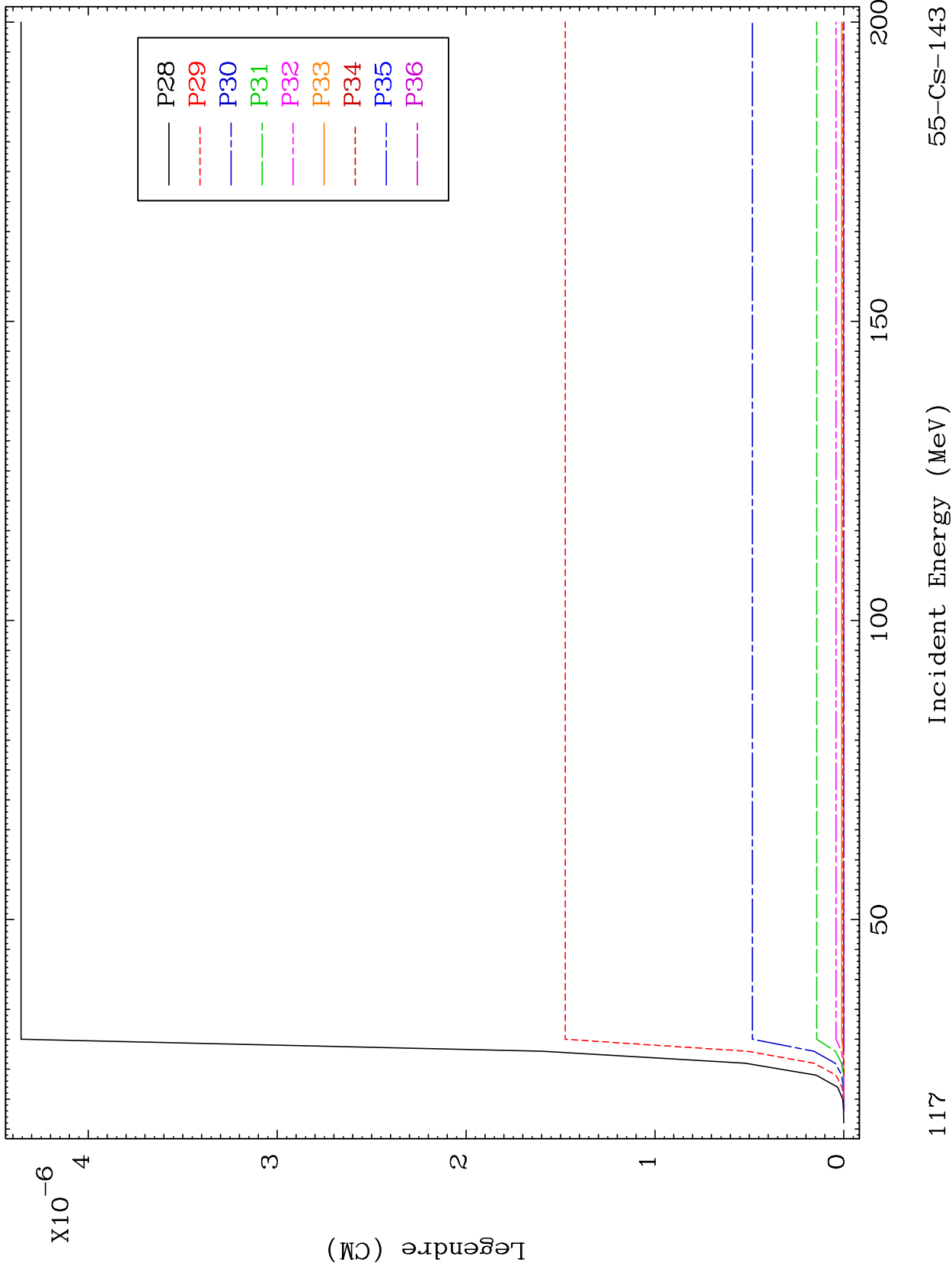
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

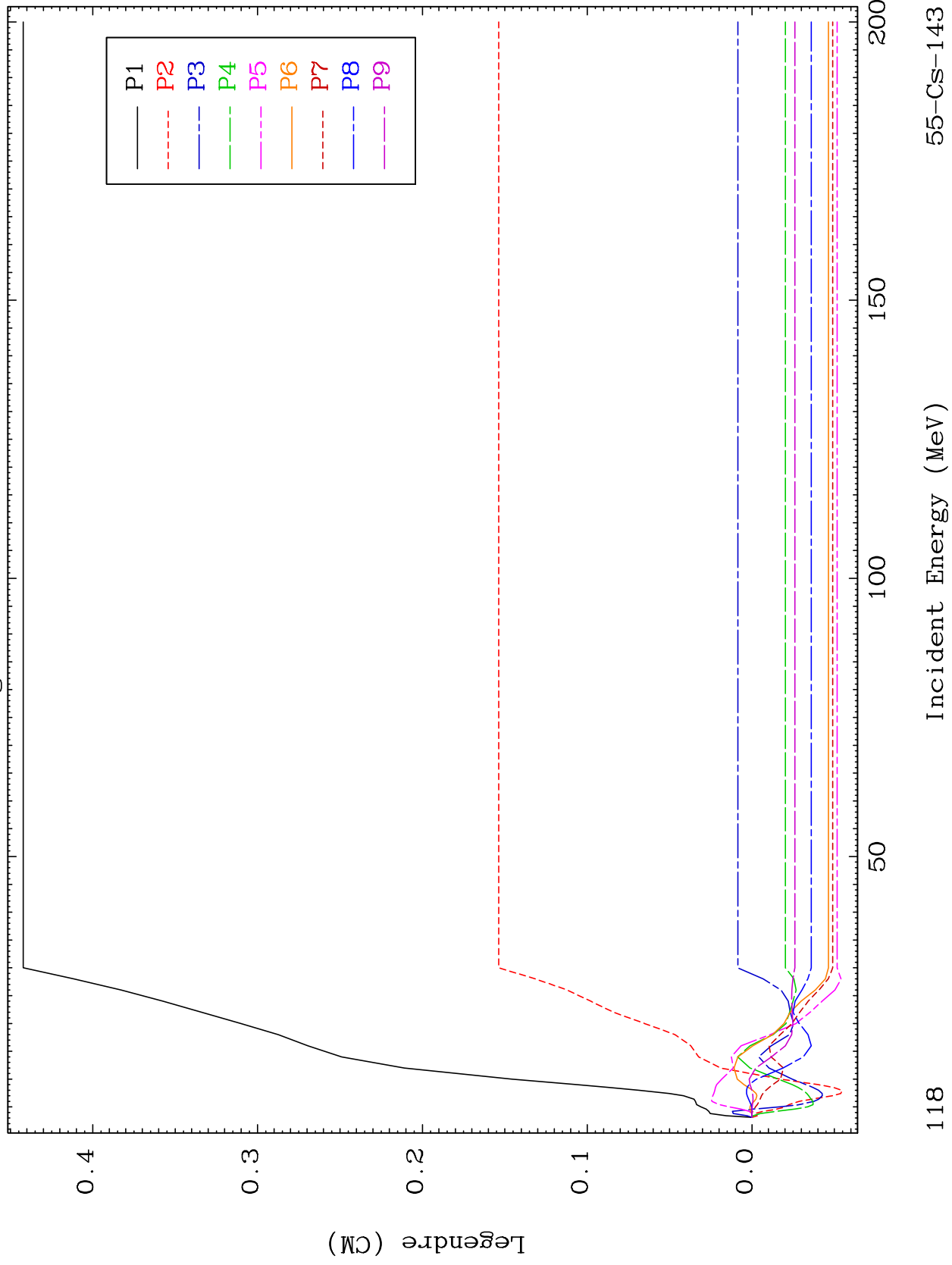
55-Cs-143



MAT 5555

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

55-Cs-143



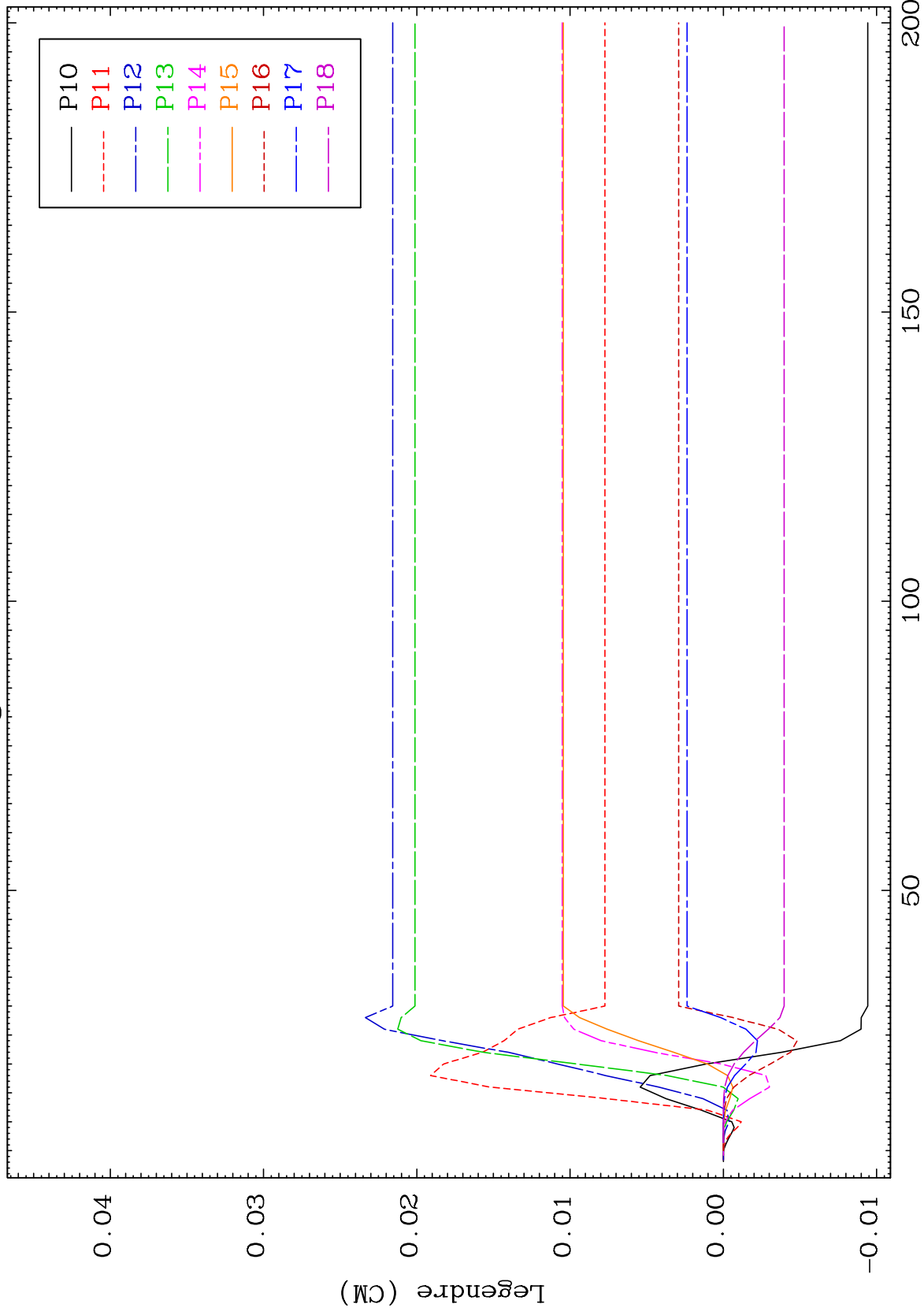
118

55-Cs-143

MAT 5555

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

55-Cs-143



119

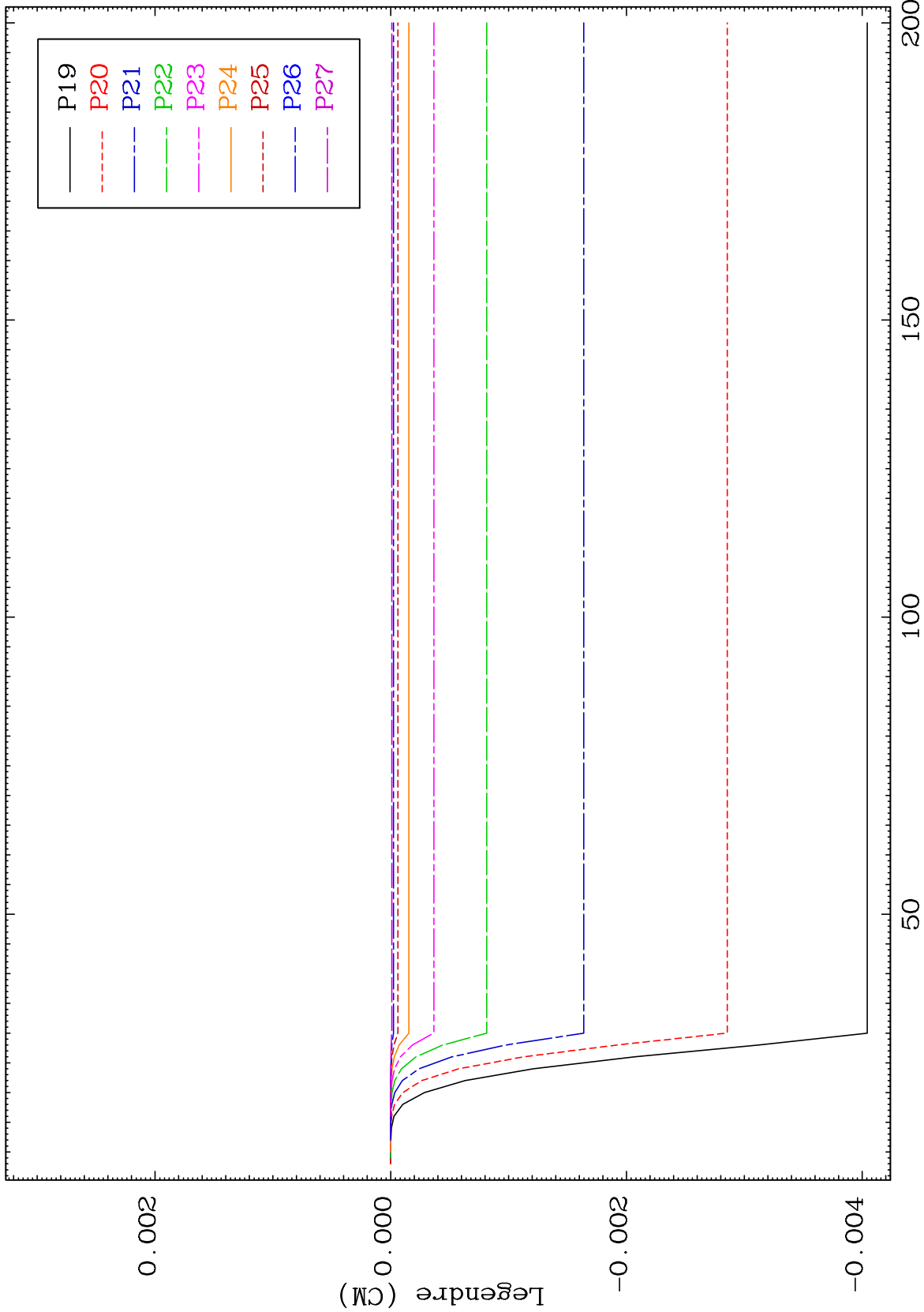
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



120

Incident Energy (MeV)

55-Cs-143

