

Program EVALPLOT
(Version 2018-1)

by

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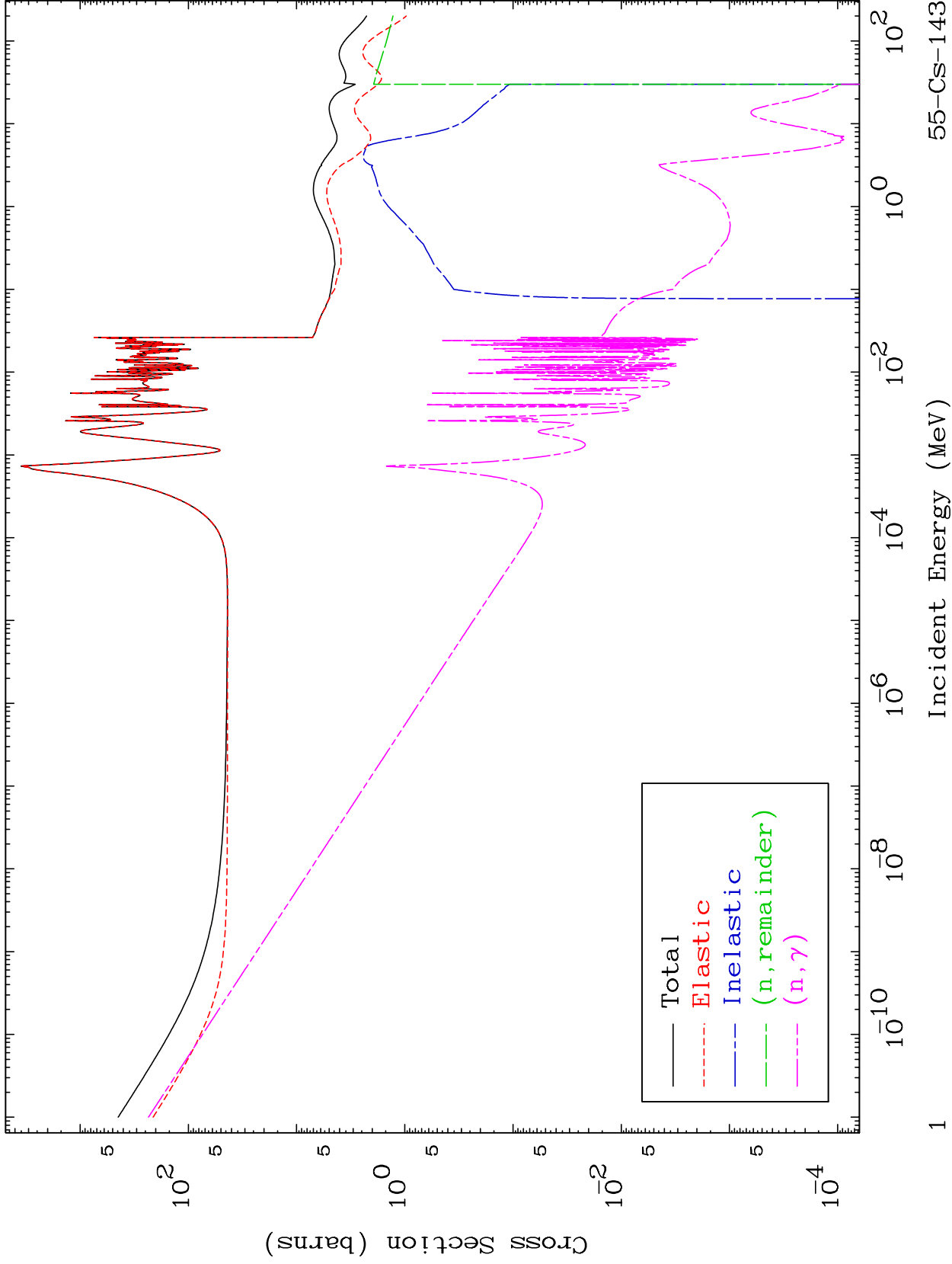
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5555

Major
293 Kelvin Cross Sections

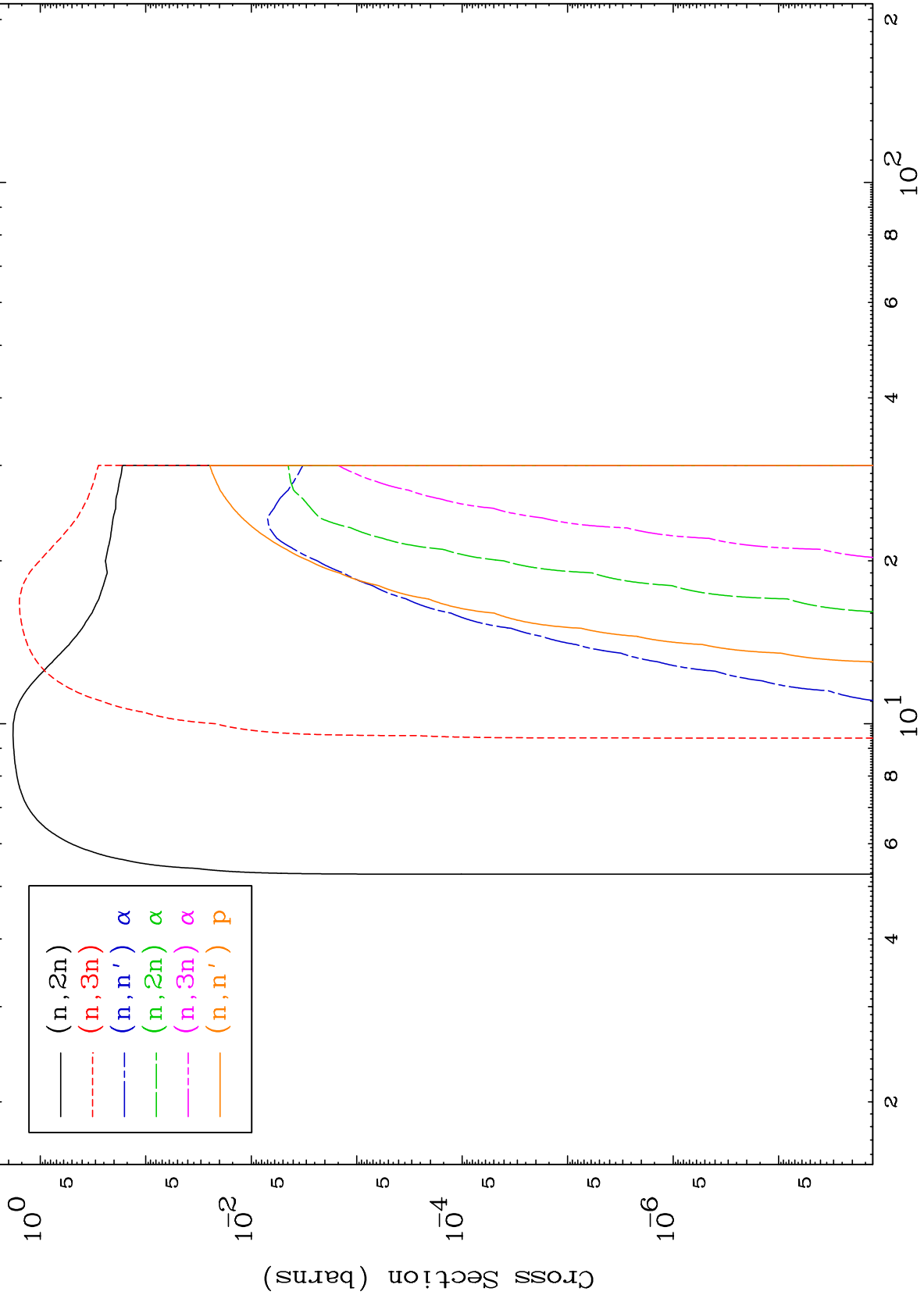
55-Cs-143

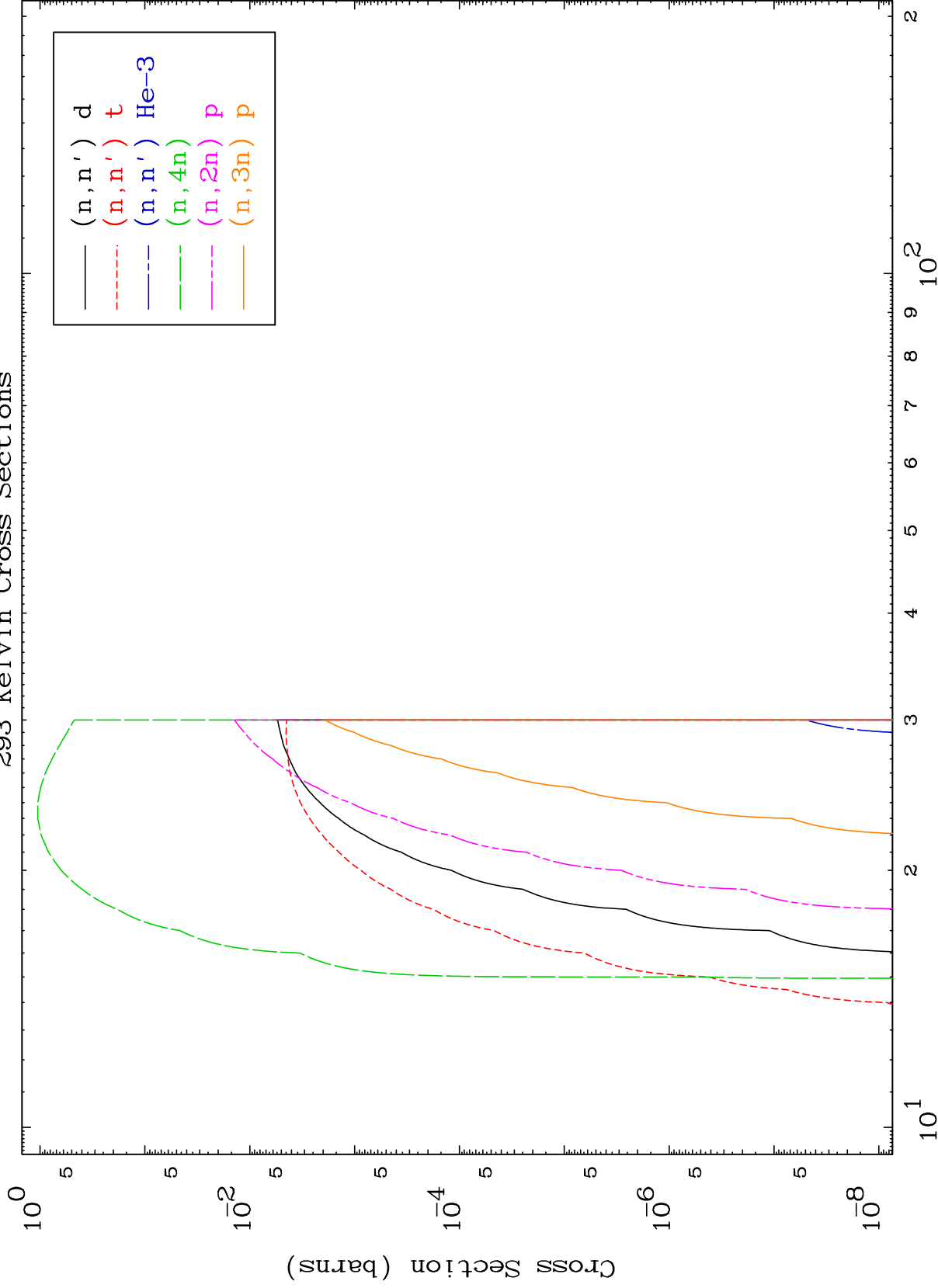


MAT 5555

Neutron Production
293 Kelvin Cross Sections

55-Cs-143

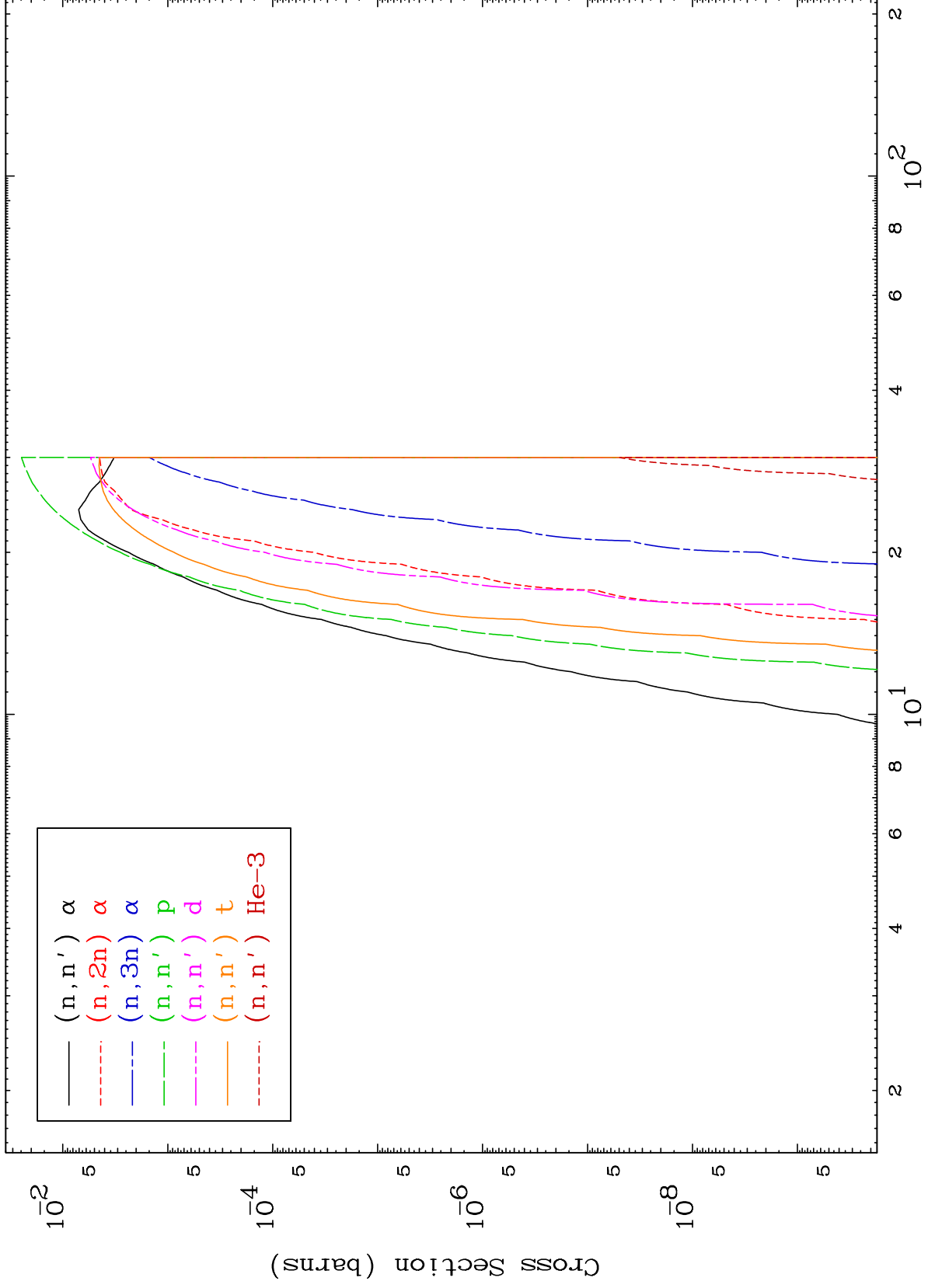




MAT 5555

Charged Particle
293 Kelvin Cross Sections

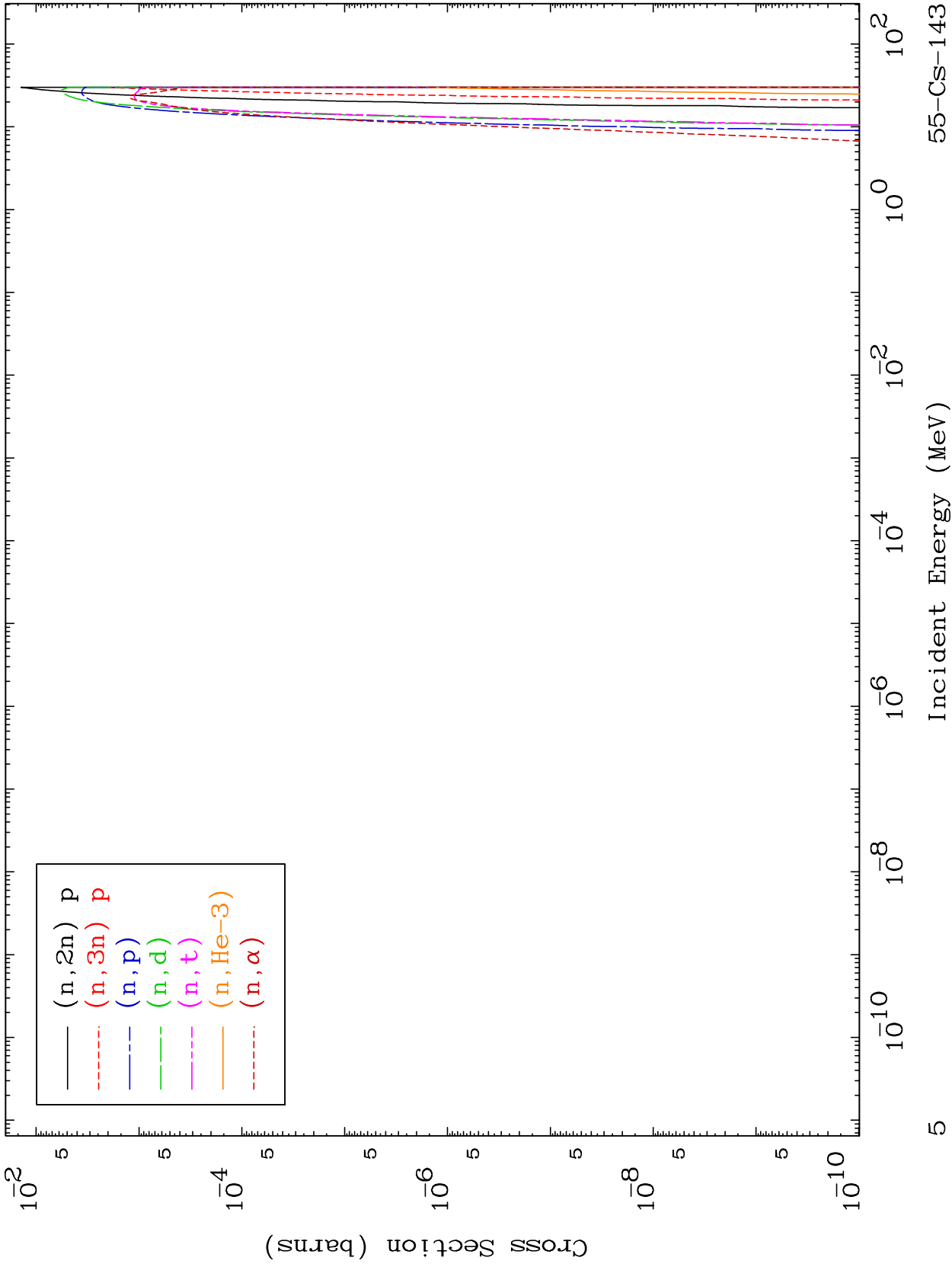
55-Cs-143



MAT 5555

Charged Particle
293 Kelvin Cross Sections

55-Cs-143



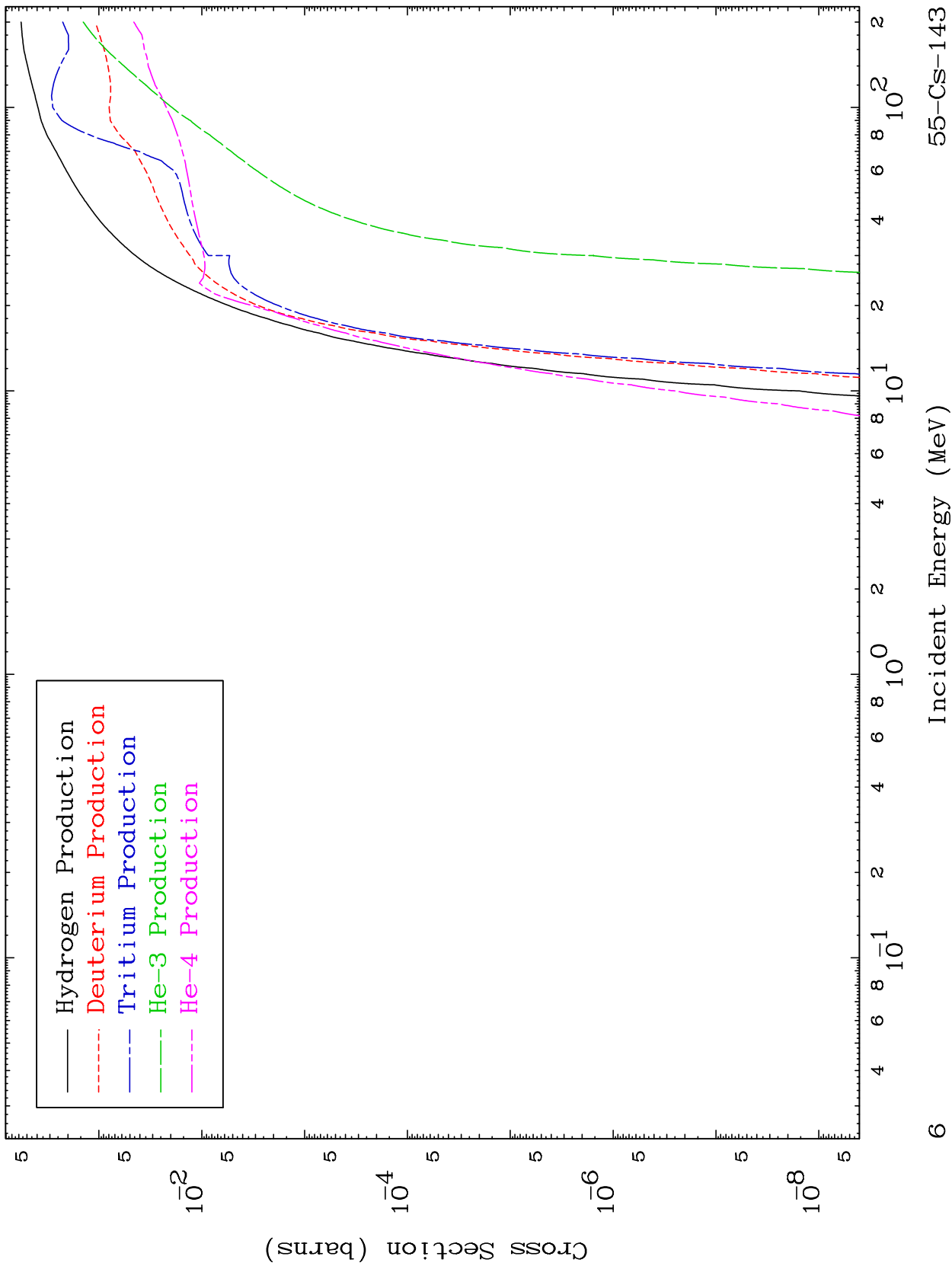
5

55-Cs-143

MAT 5555

Particle Production
293 Kelvin Cross Sections

55-Cs-143

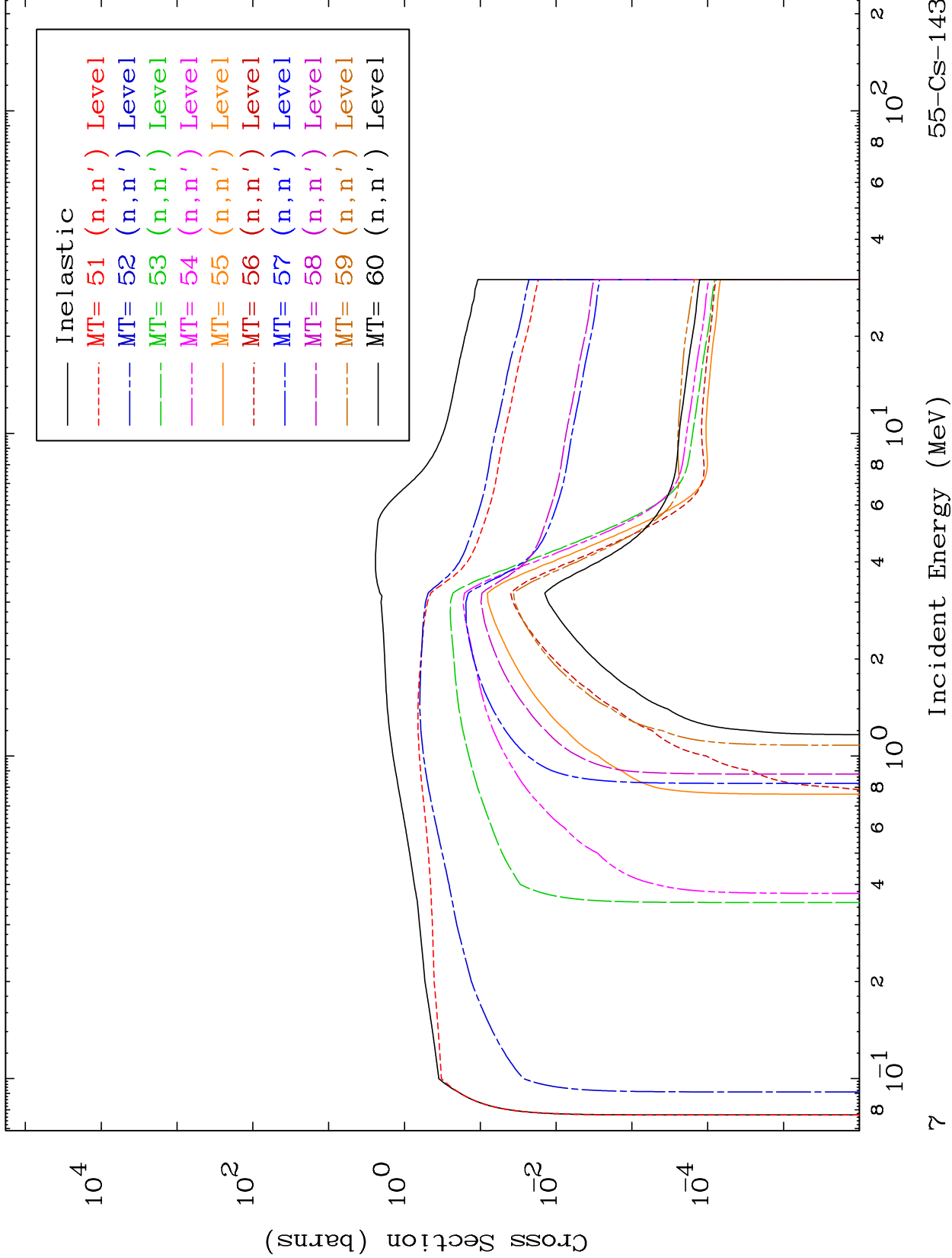


MAT 5555

(n,n') Level

55-Cs-143

293 Kelvin Cross Sections



7

Incident Energy (MeV)

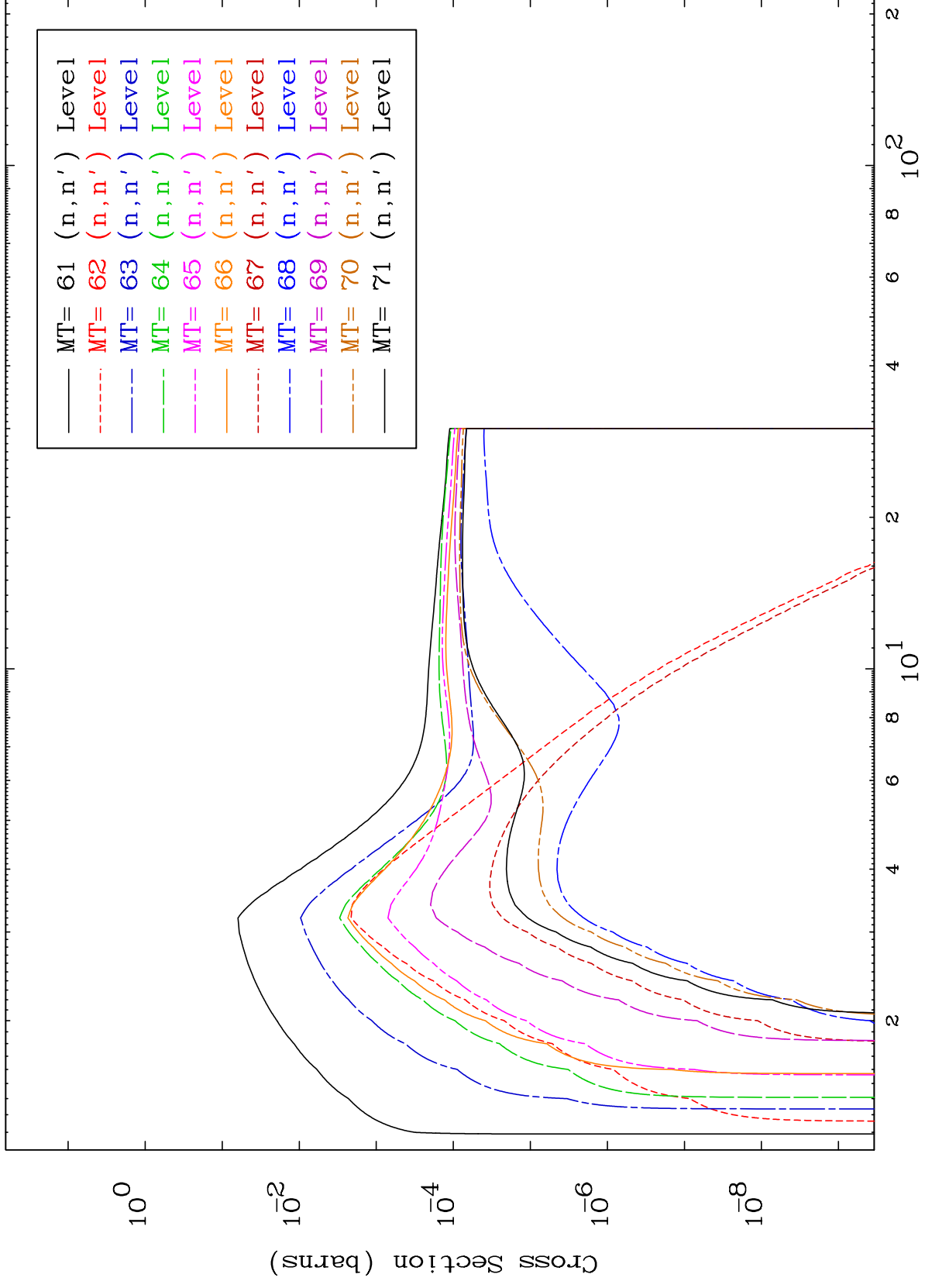
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MAT 5555

(n,n') Level

293 Kelvin Cross Sections

55-Cs-143

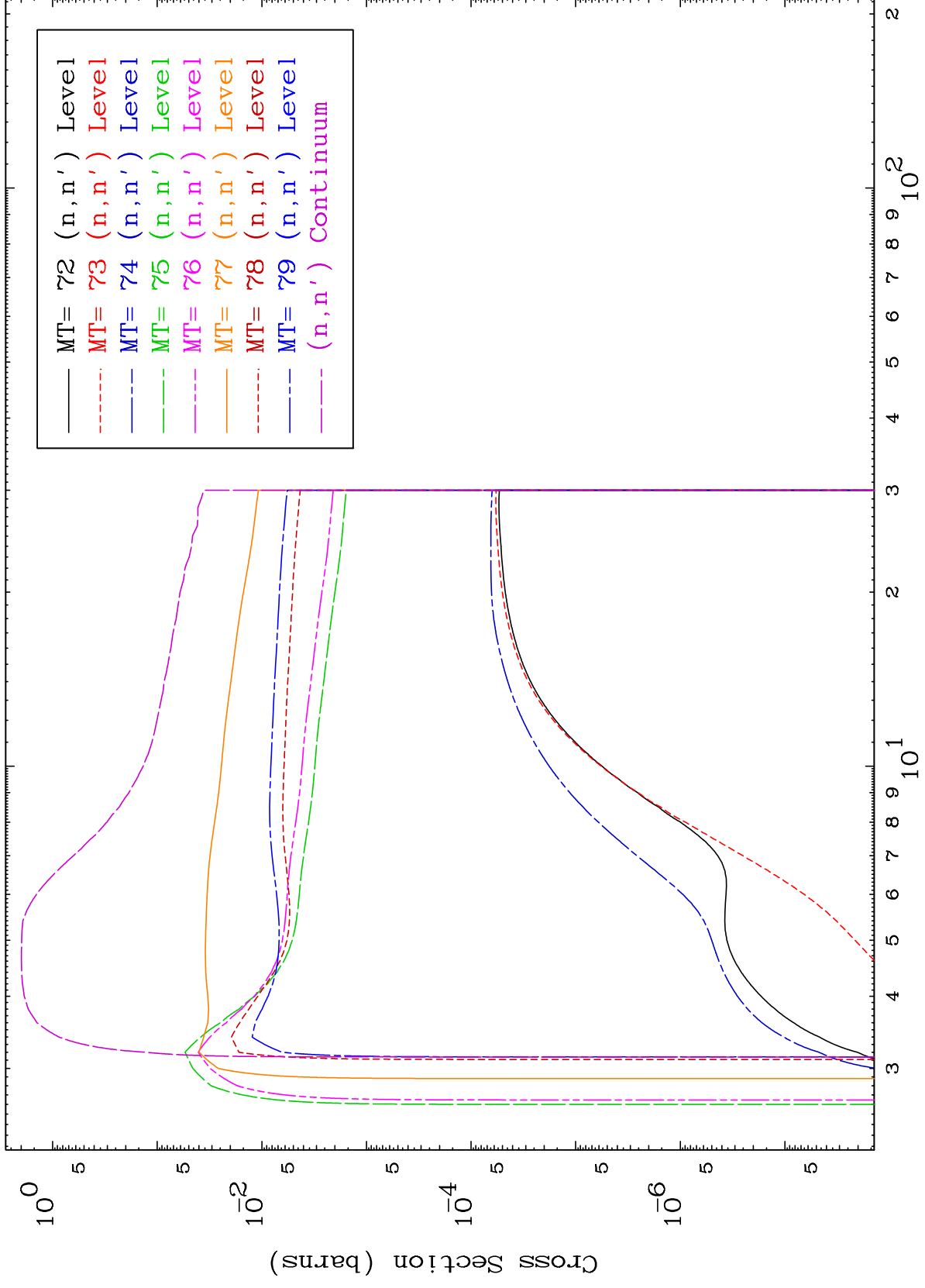


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Incident Energy (MeV)

55-Cs-143

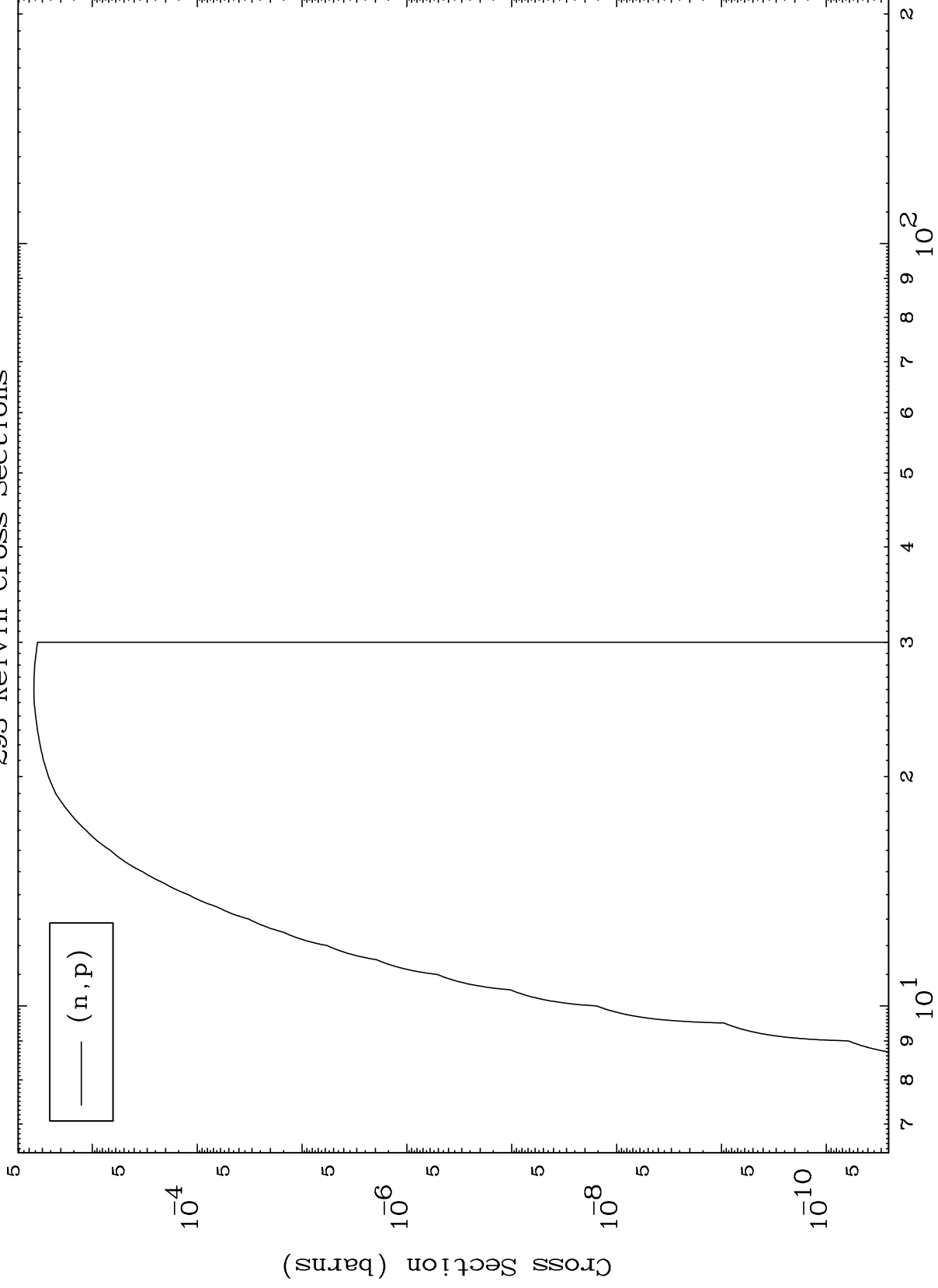
293 Kelvin Cross Sections



MAT 5555

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-143



10

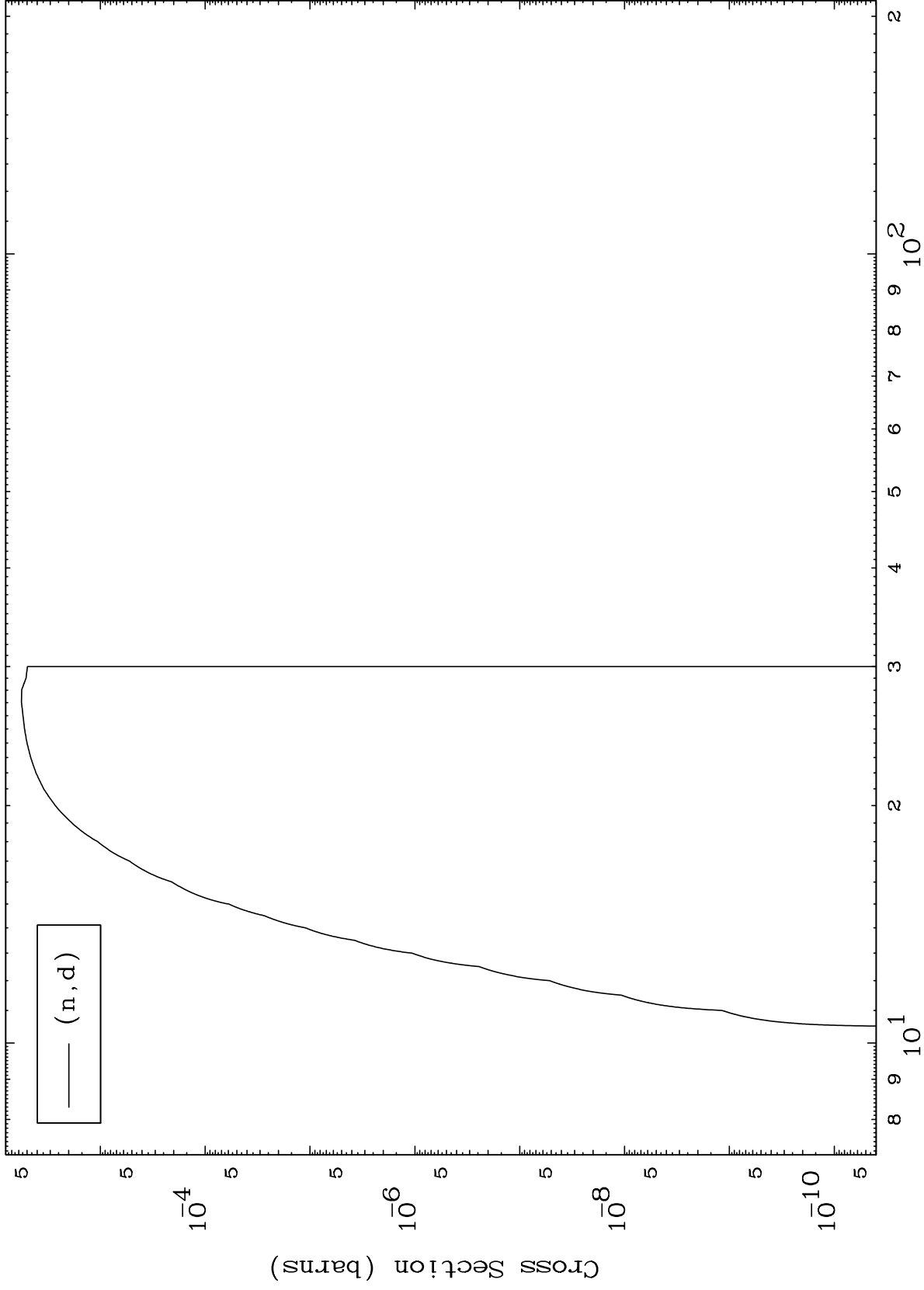
Incident Energy (MeV)

55-Cs-143

MAT 5555

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-143



11

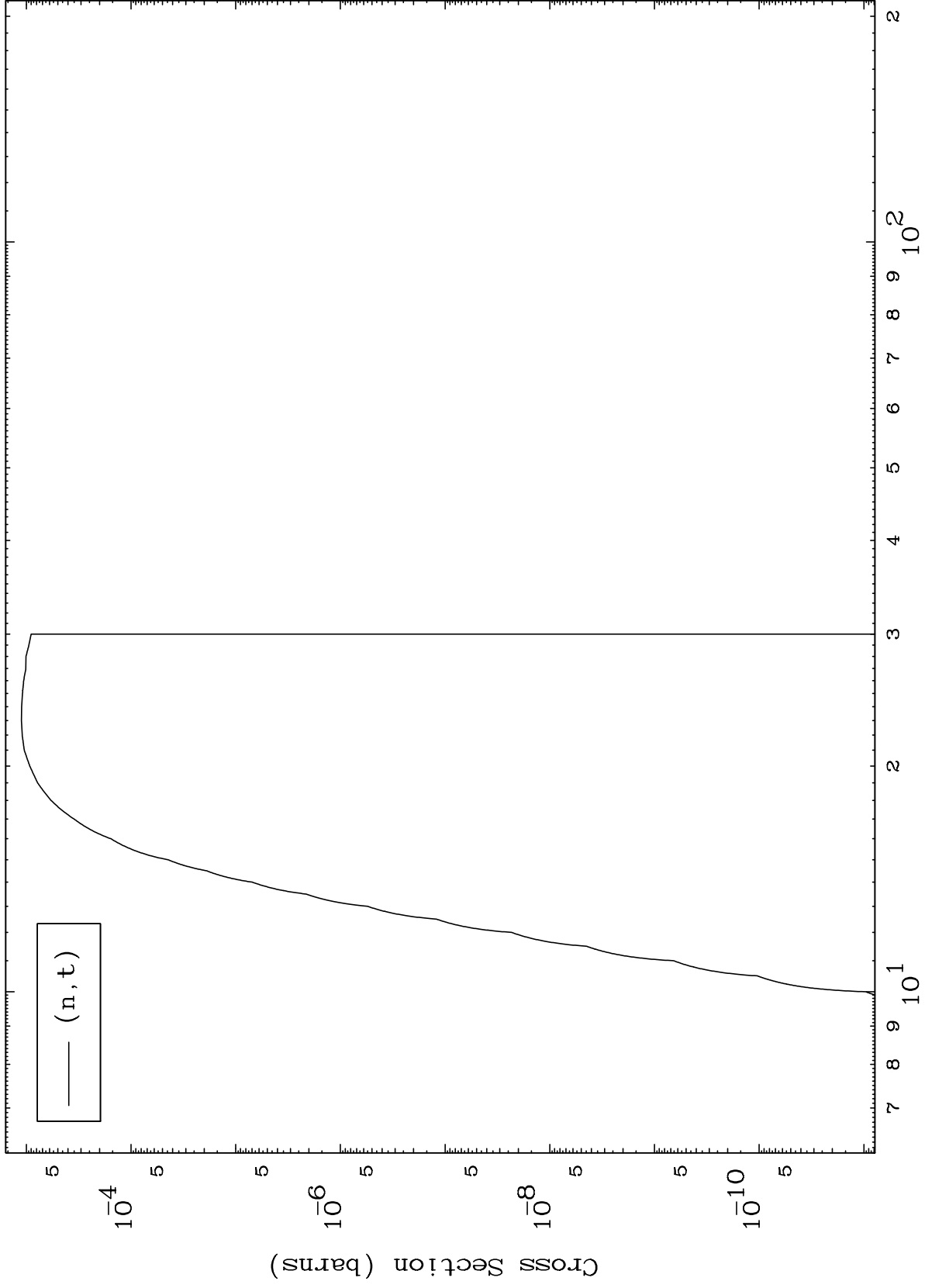
Incident Energy (MeV)

55-Cs-143

MAT 5555

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-143



12

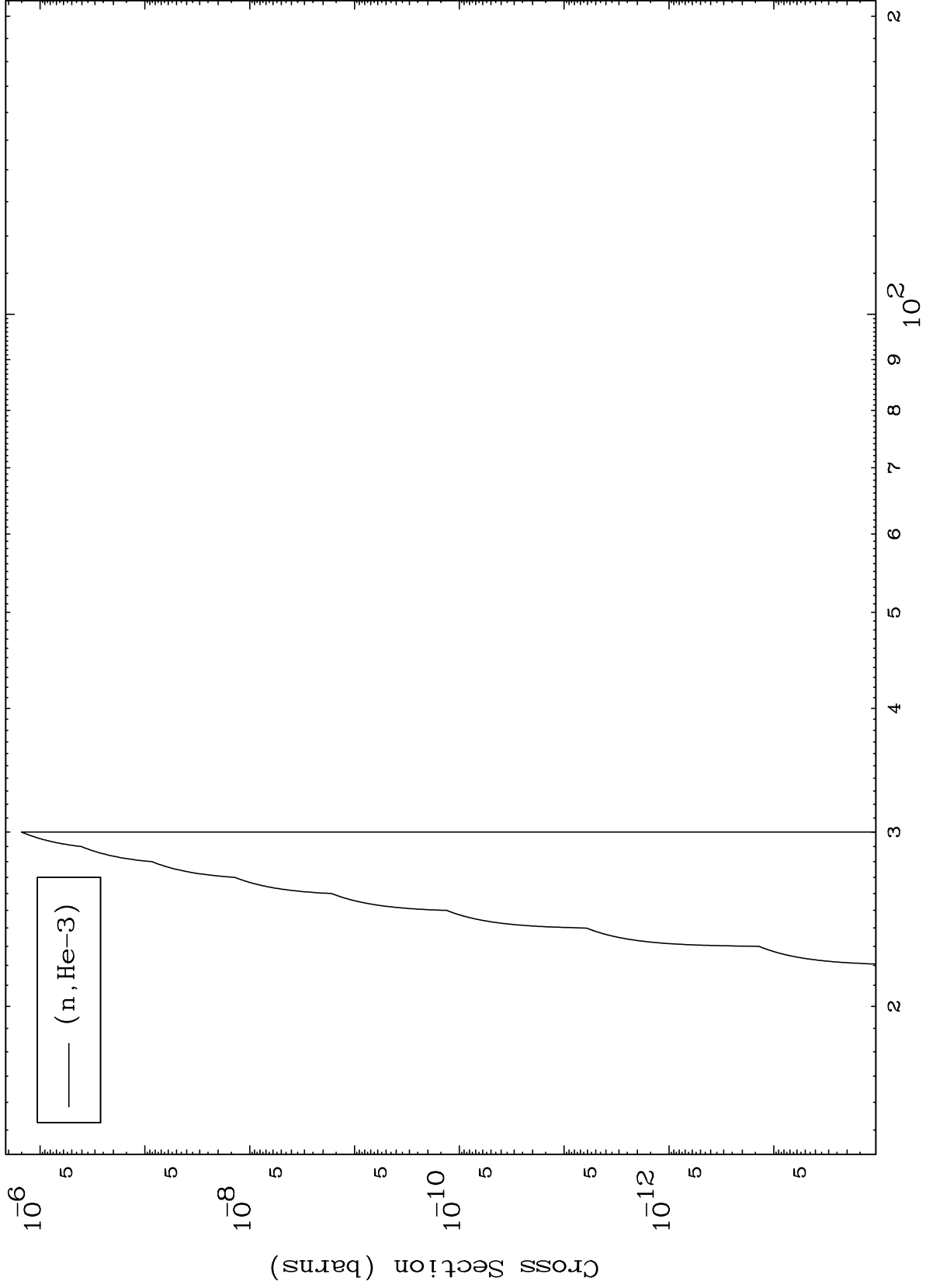
Incident Energy (MeV)

55-Cs-143

MAT 5555

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-143



13

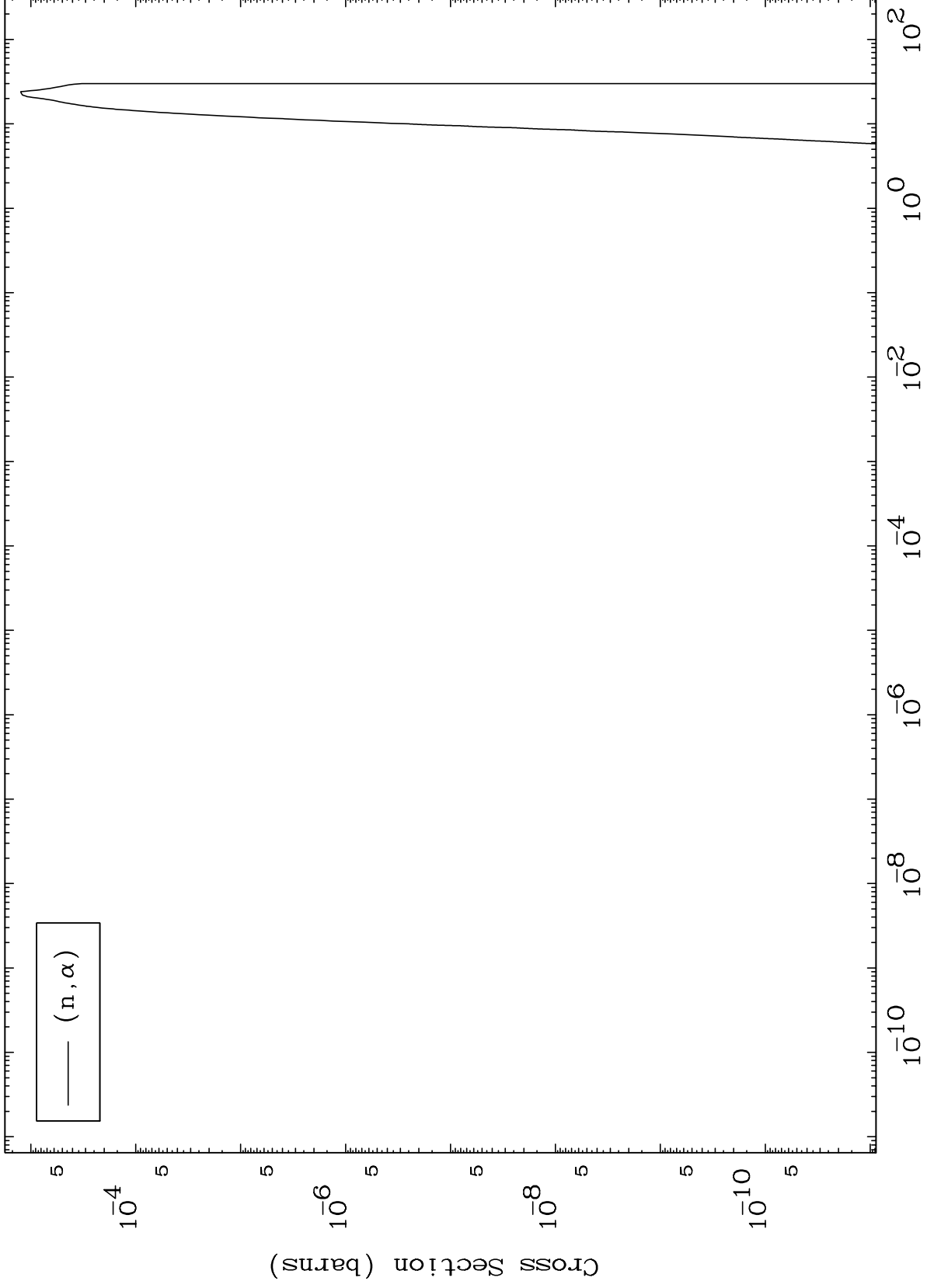
Incident Energy (MeV)

55-Cs-143

MAT 5555

(n, α) Levels
293 Kelvin Cross Sections

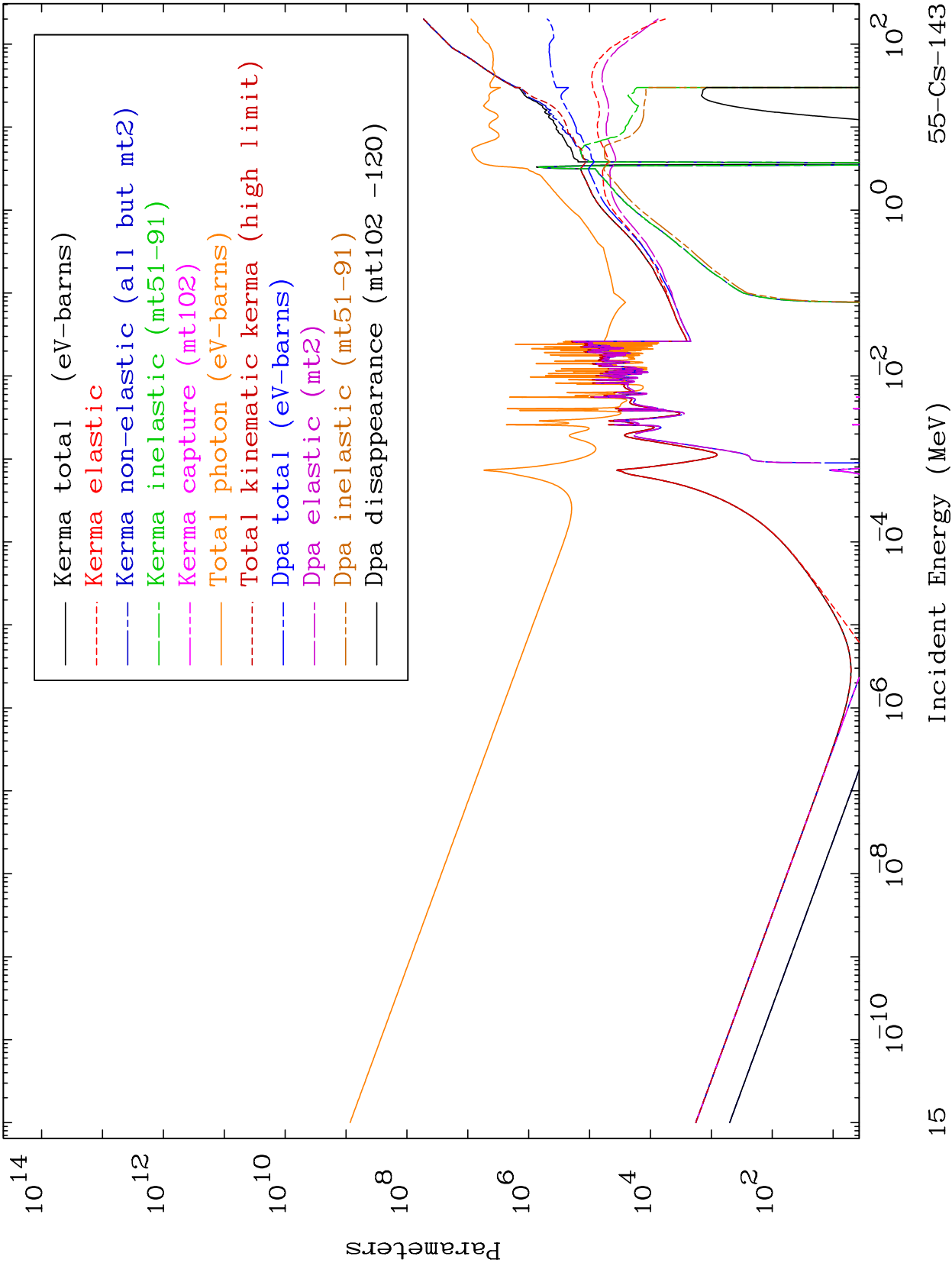
55-Cs-143



14

Incident Energy (MeV)

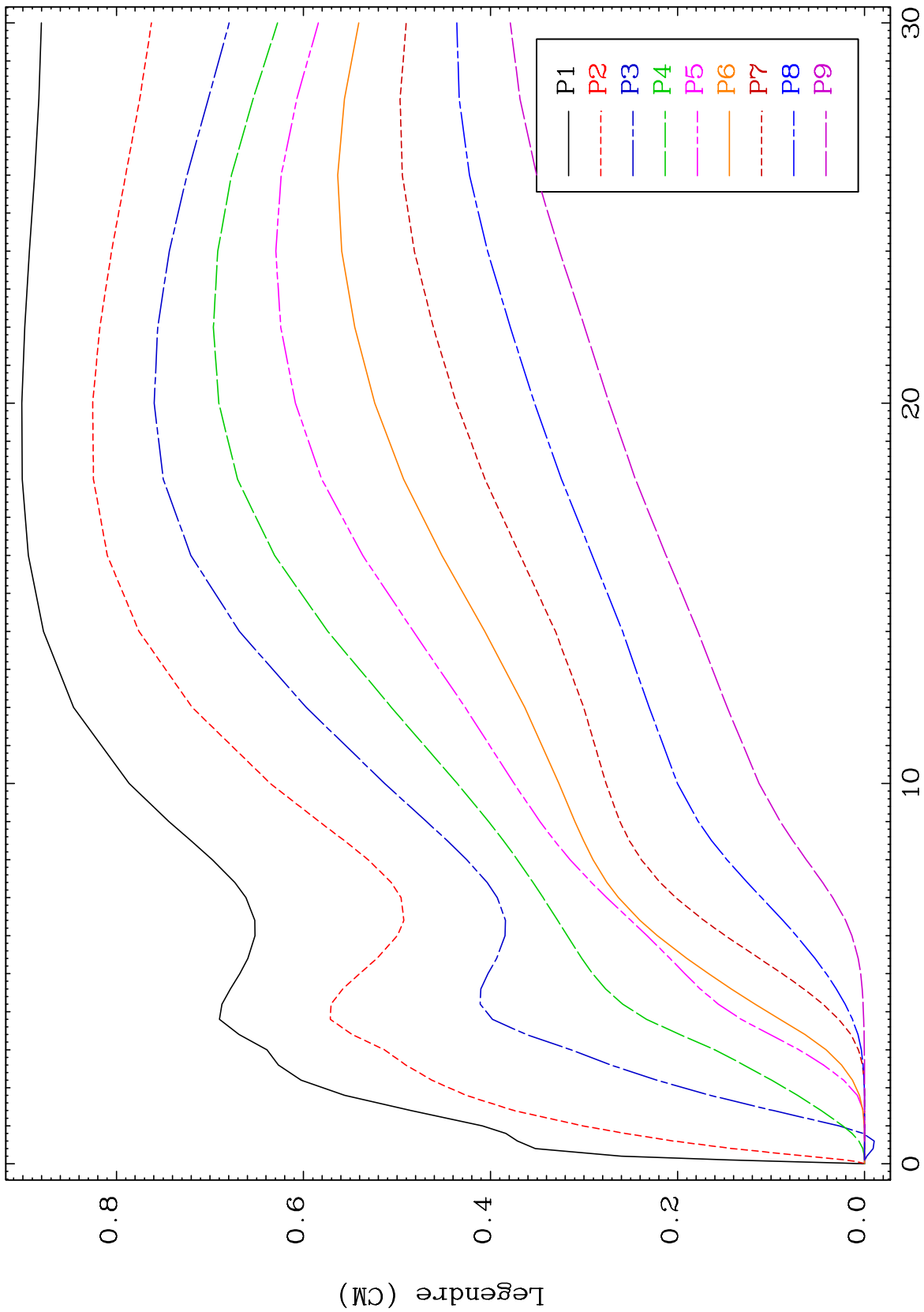
55-Cs-143



MAT 5555

55-Cs-143

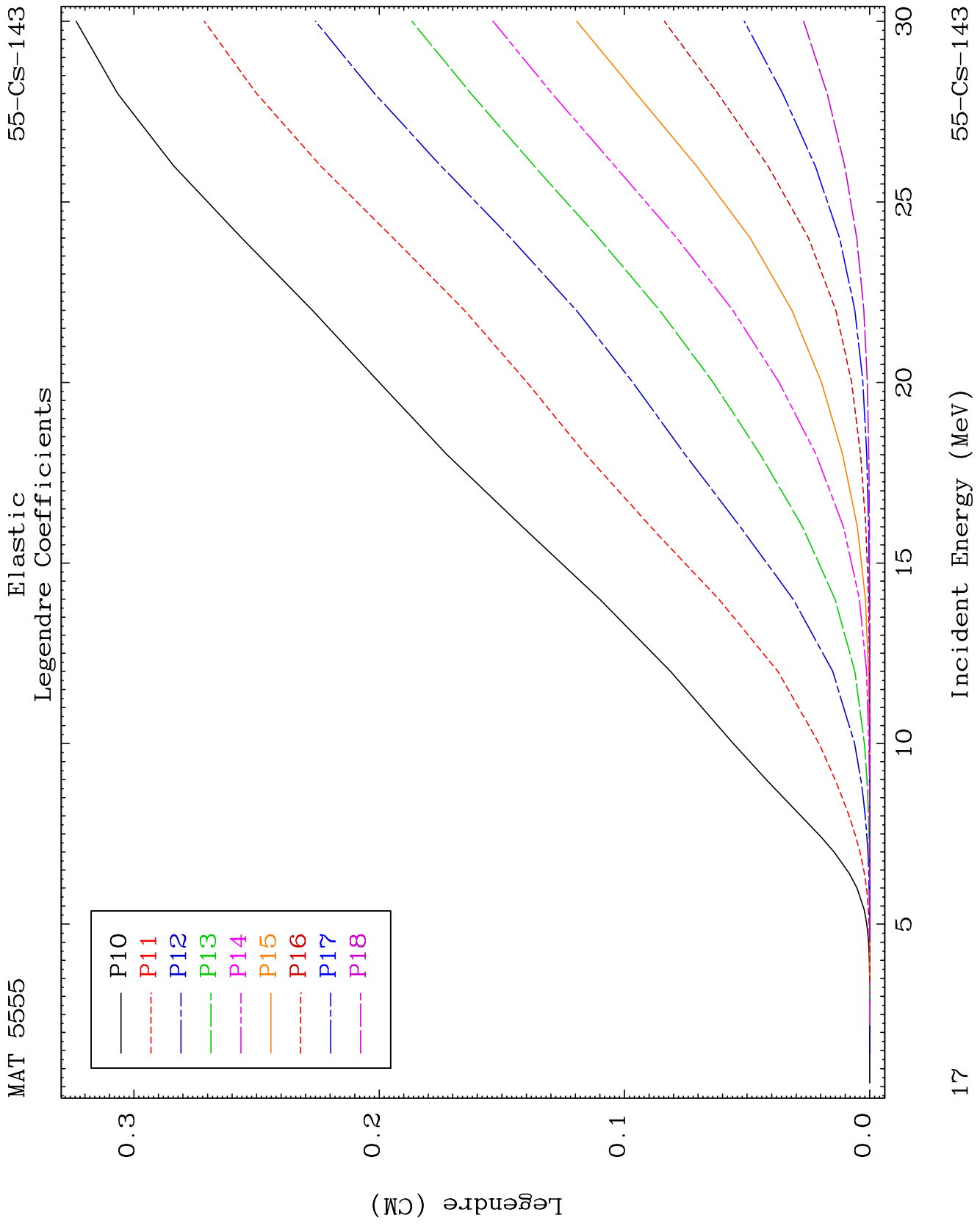
Elastic Legendre Coefficients



16

Incident Energy (MeV)

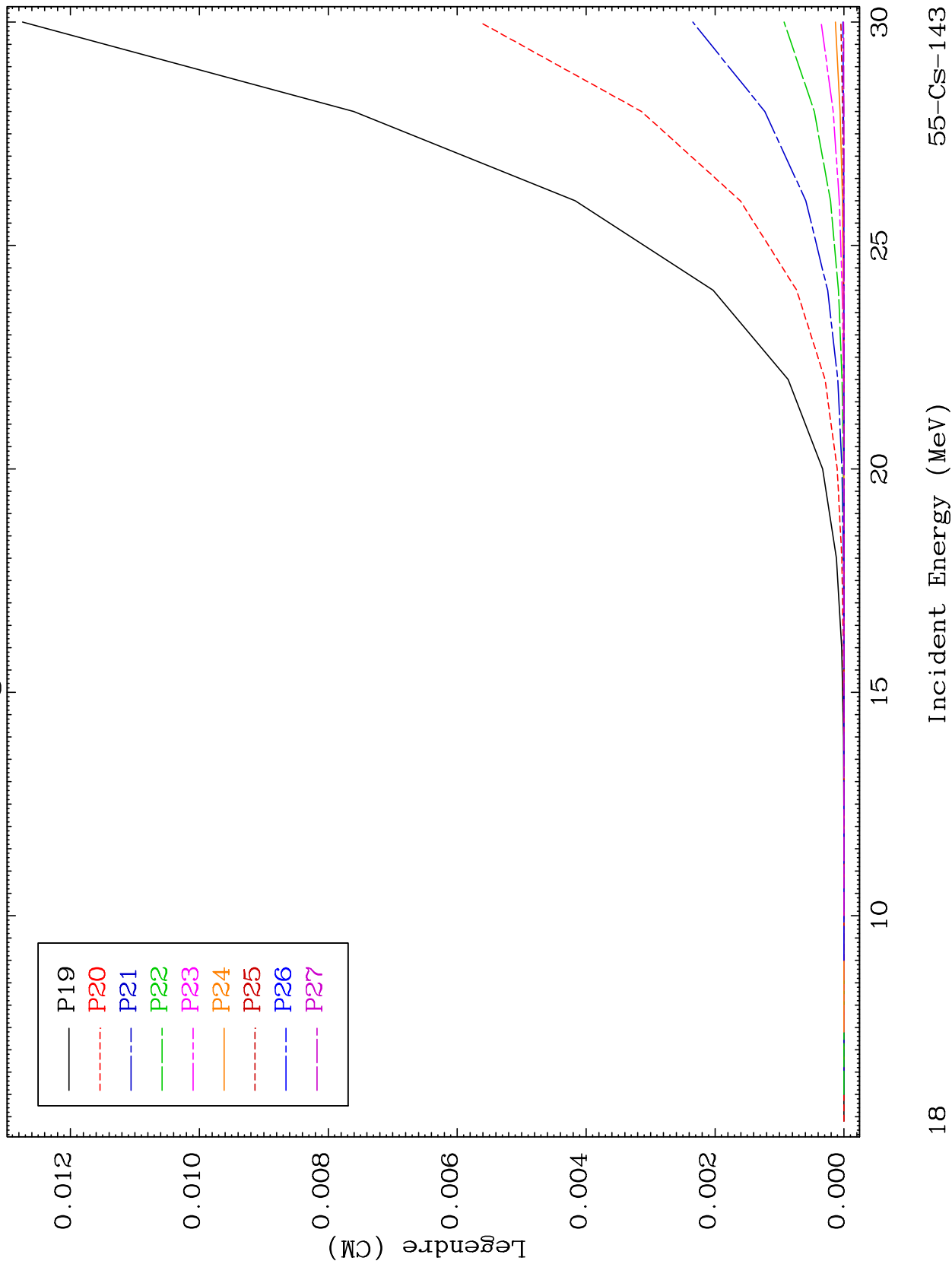
55-Cs-143



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

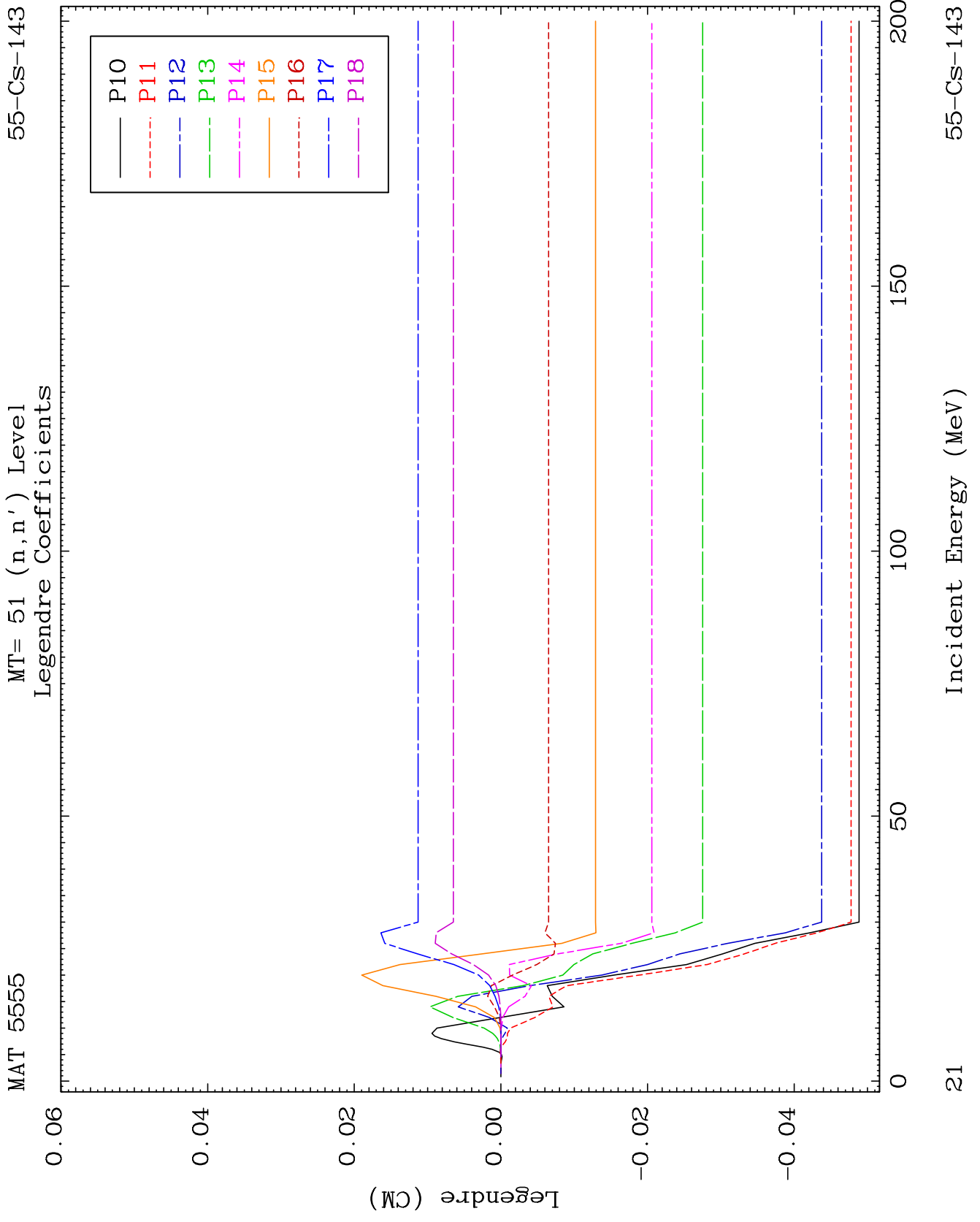
0.006

0.004

0.002

0.000

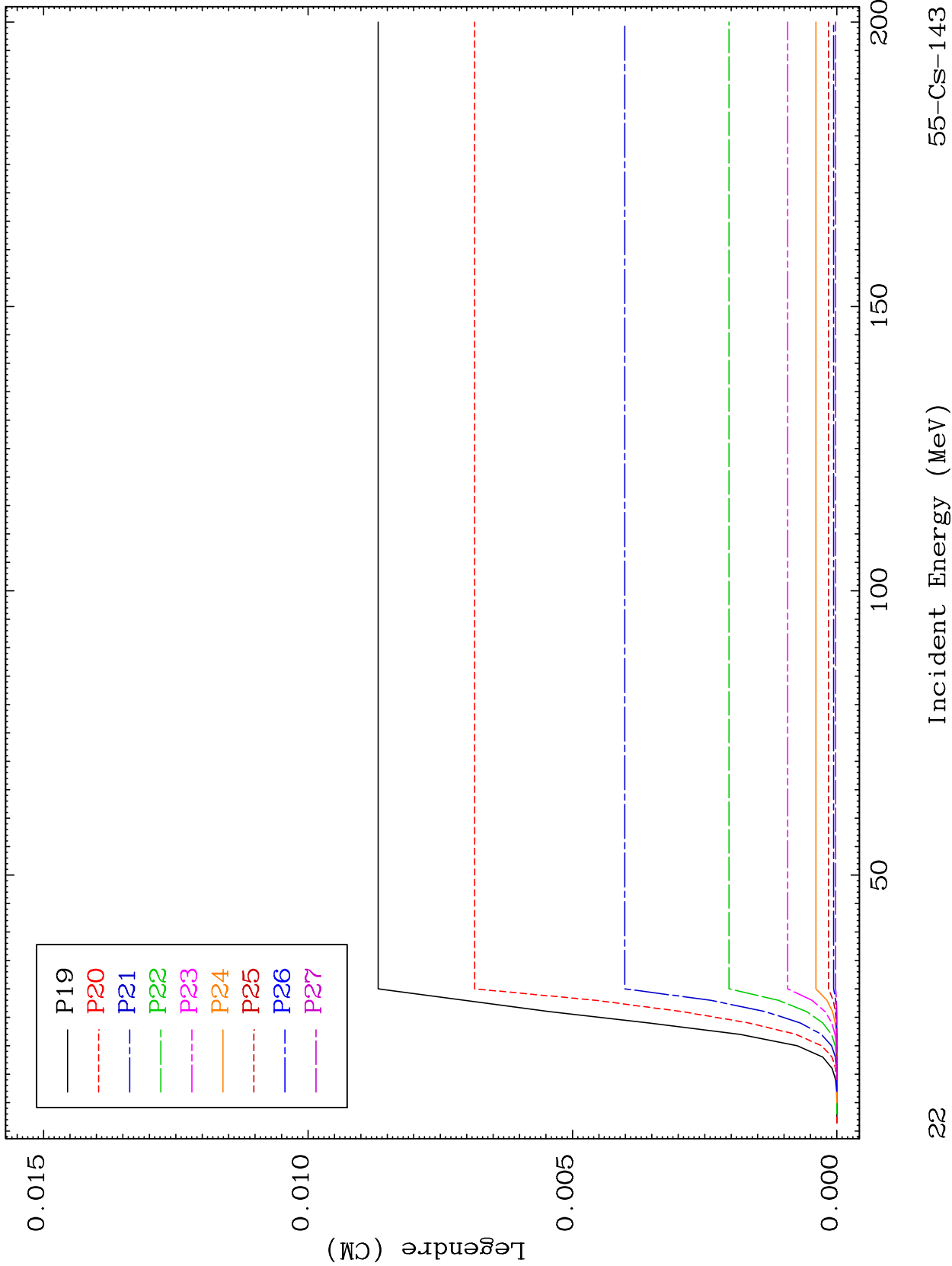
- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27



MAT 5555

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

55-Cs-143



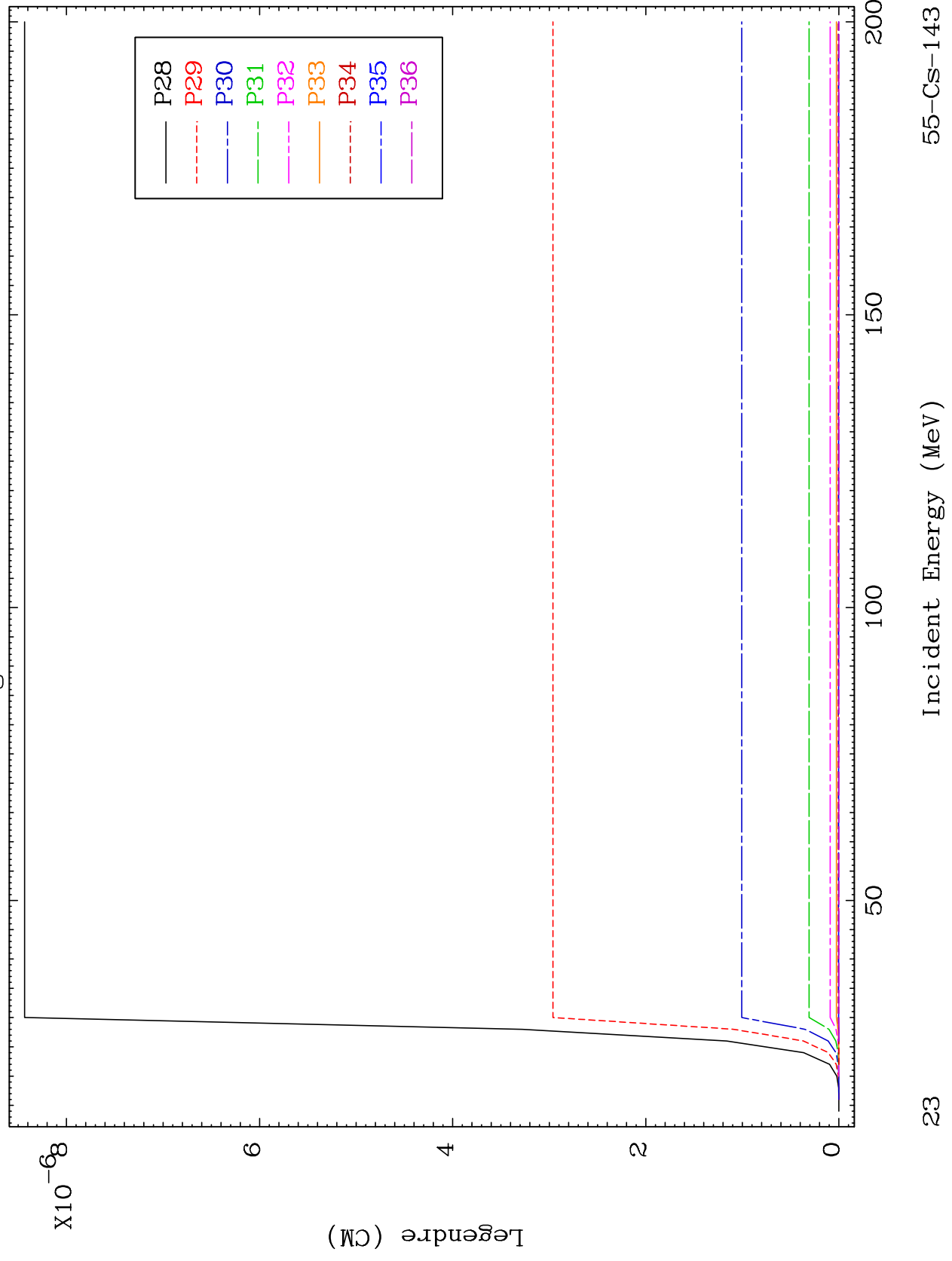
22

55-Cs-143

MAT 5555

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

55-Cs-143



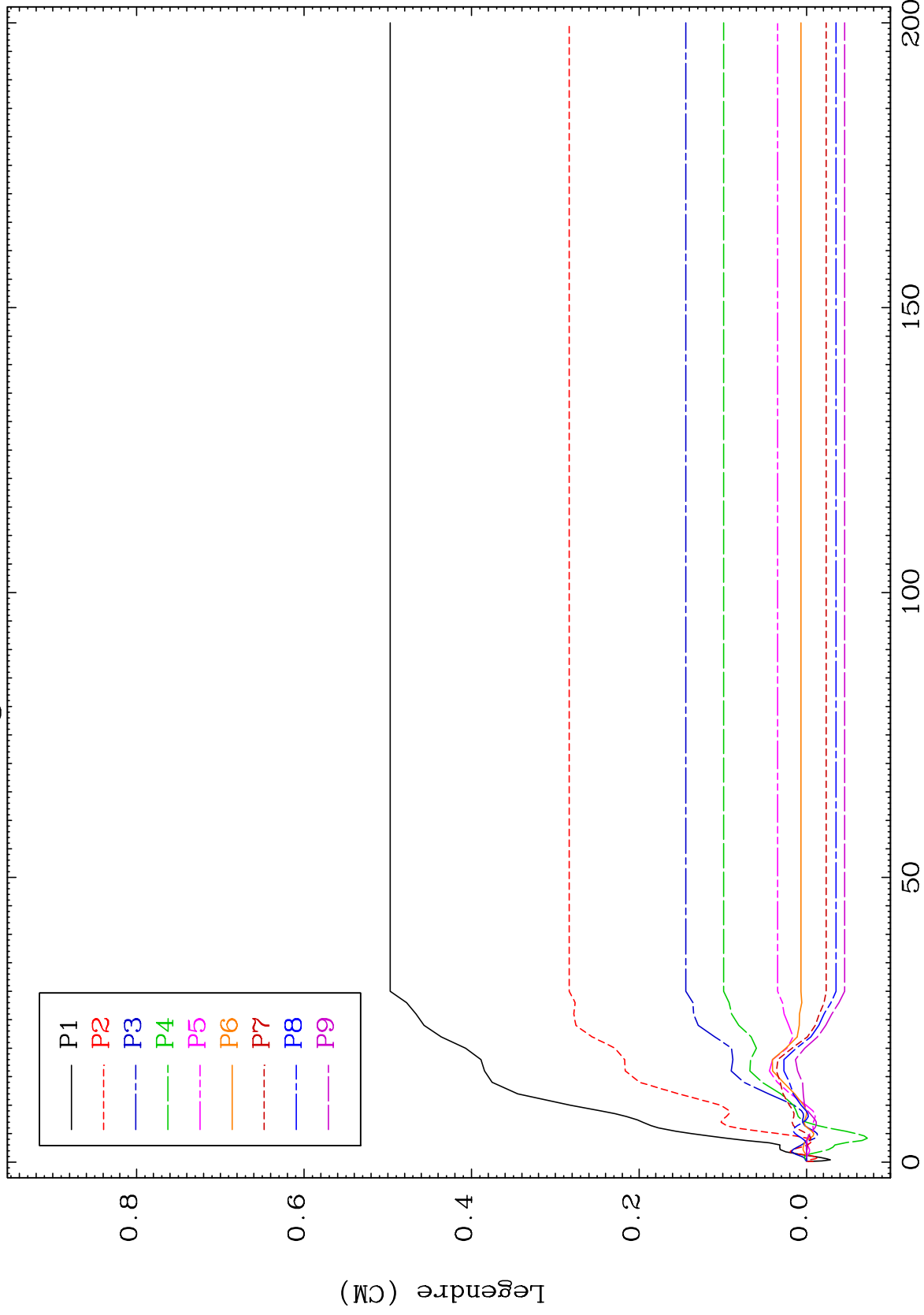
23

55-Cs-143

MAT 5555

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

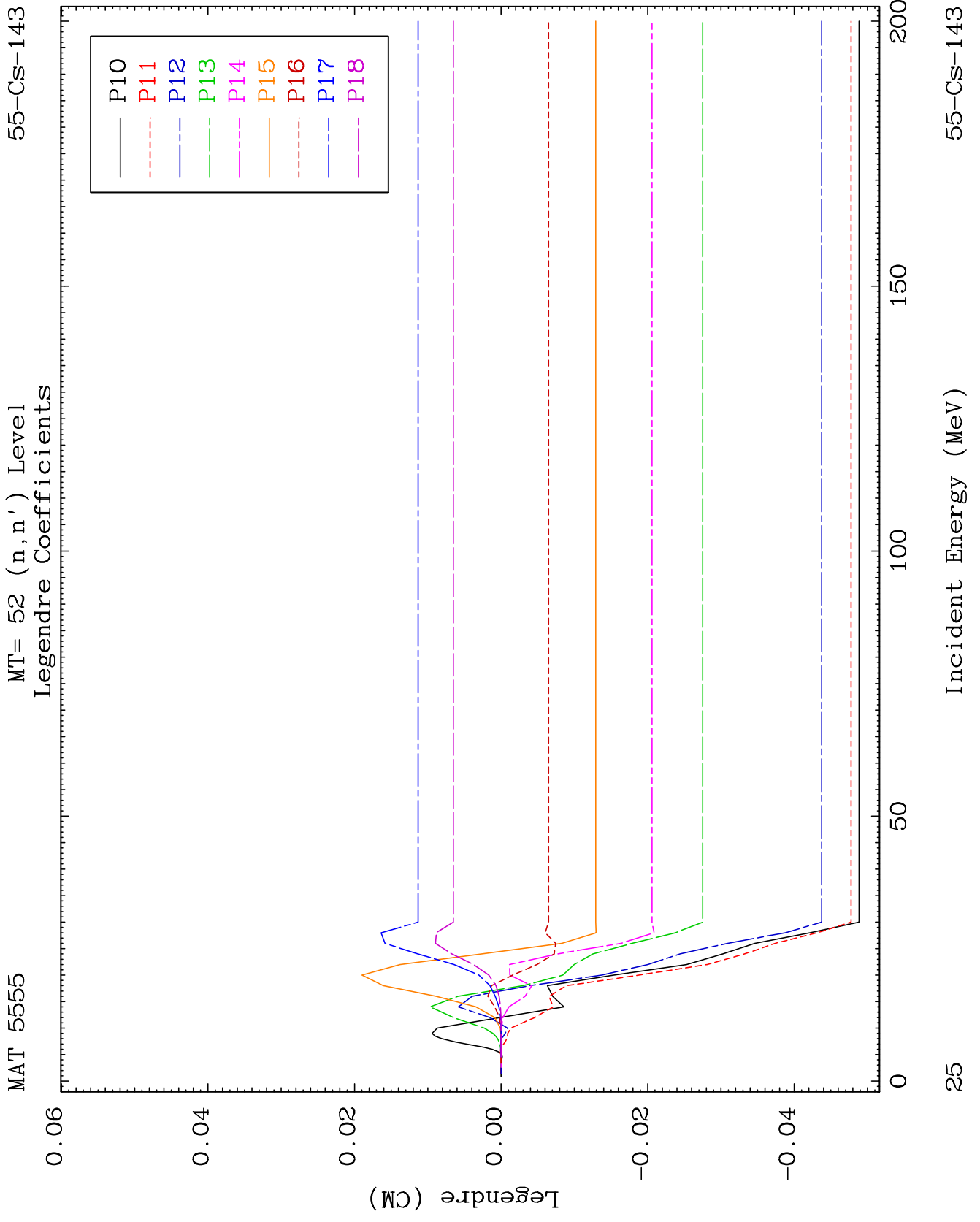
55-Cs-143



55-Cs-143

Incident Energy (MeV)

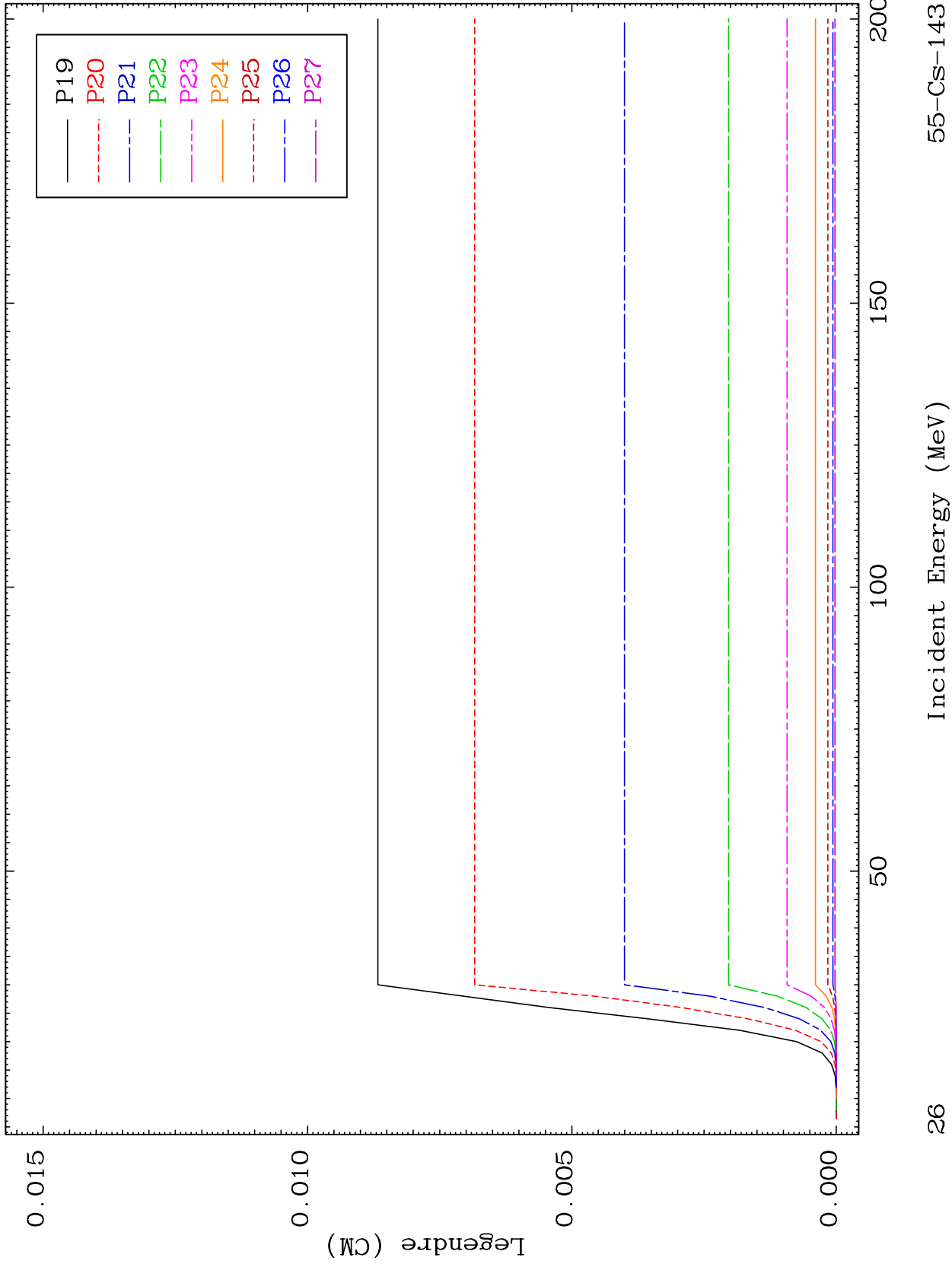
24



MAT 5555

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

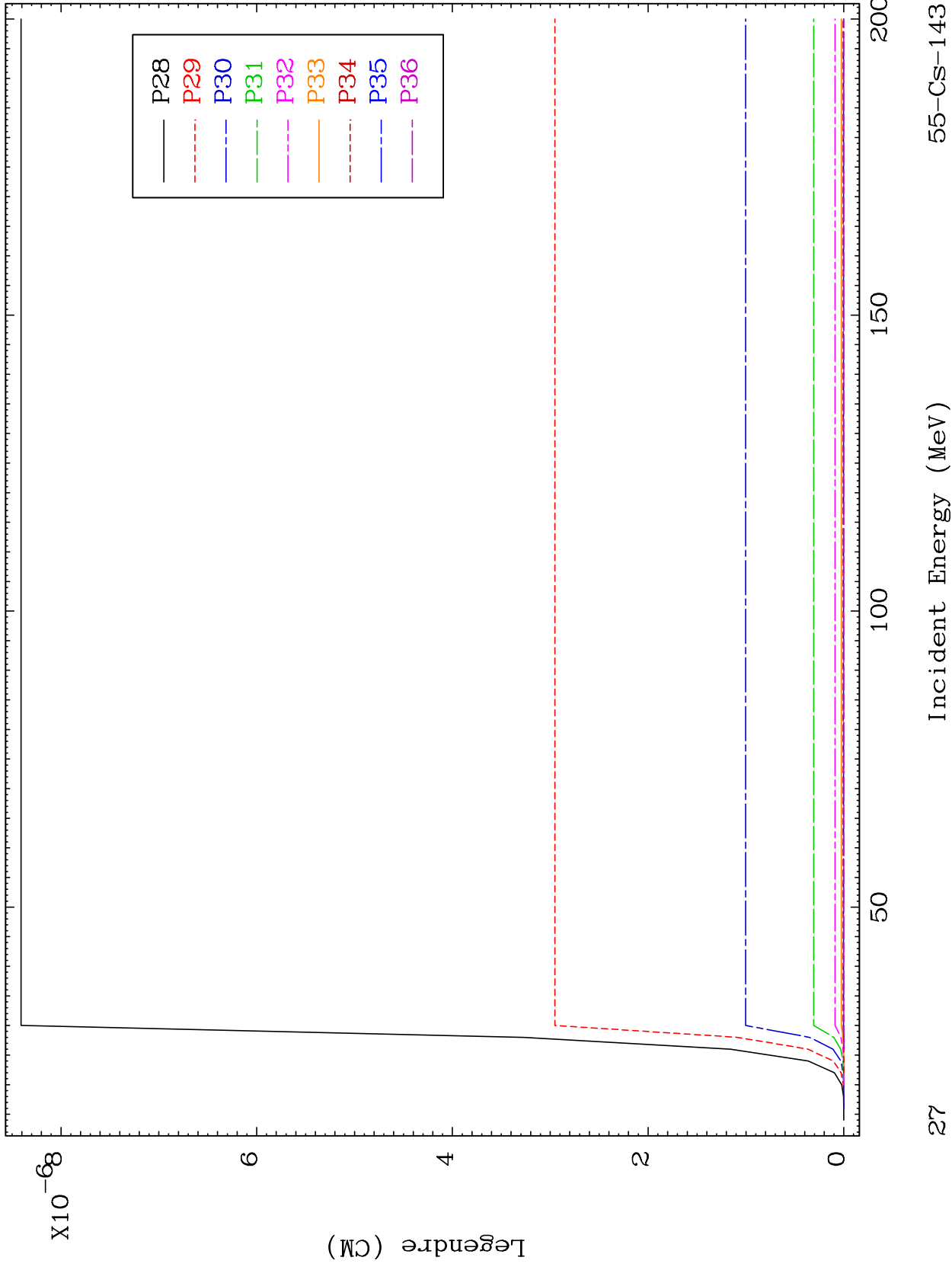
55-Cs-143



MAT 5555

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

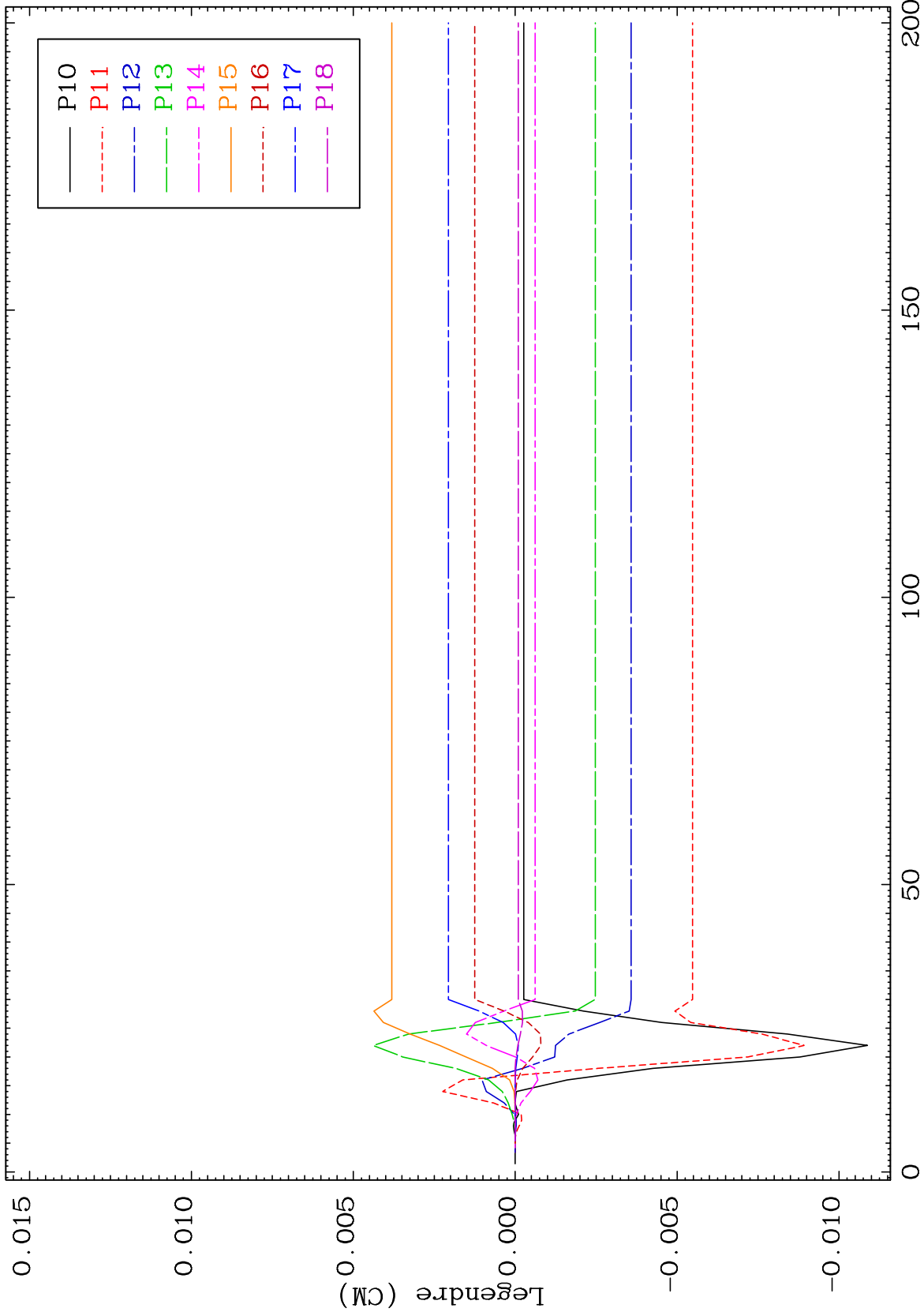
55-Cs-143



MAT 5555

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

55-Cs-143



29

Incident Energy (MeV)

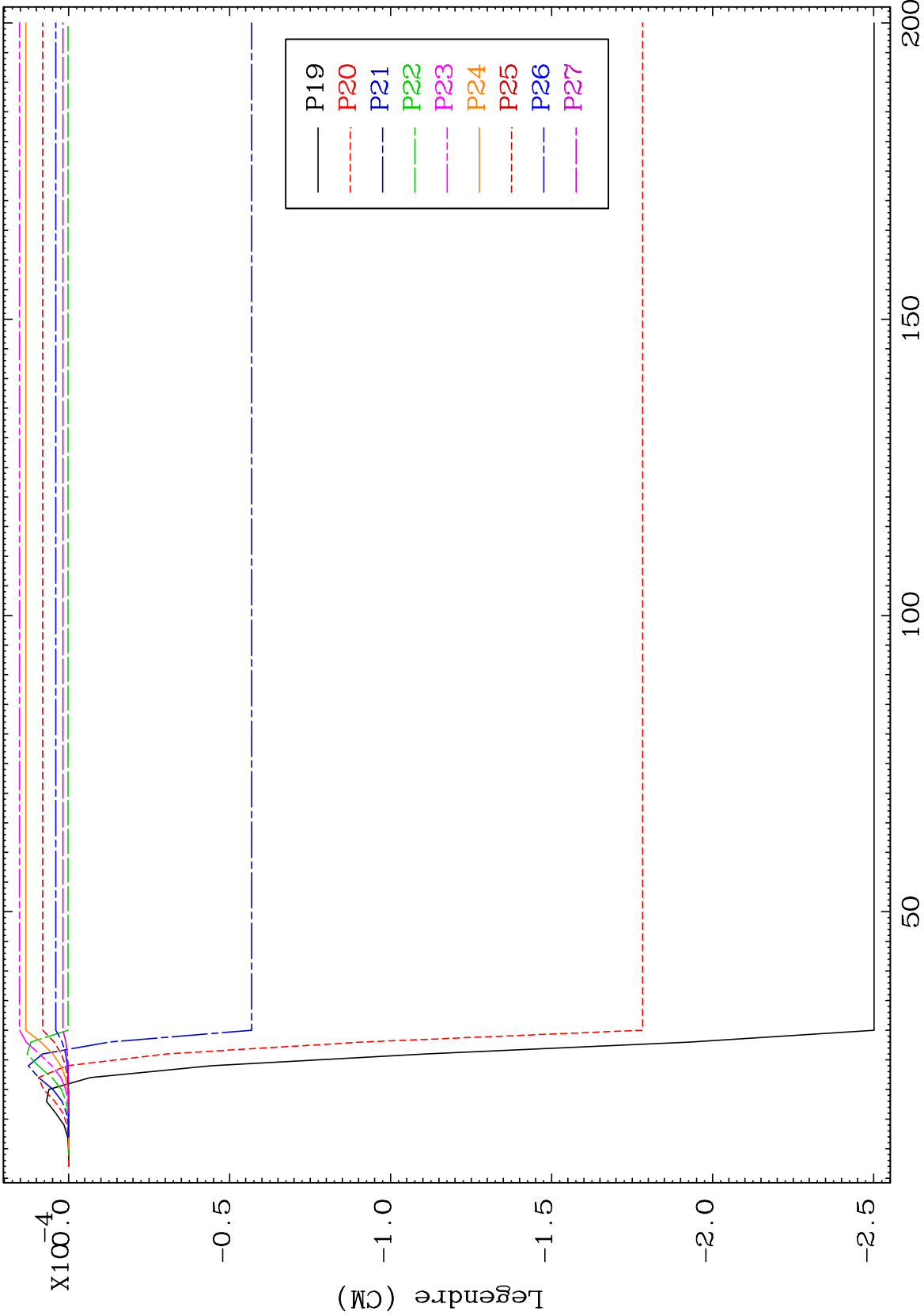
55-Cs-143

MAT 5555

MT= 53 (n,n') Level

55-Cs-143

Legendre Coefficients



55-Cs-143

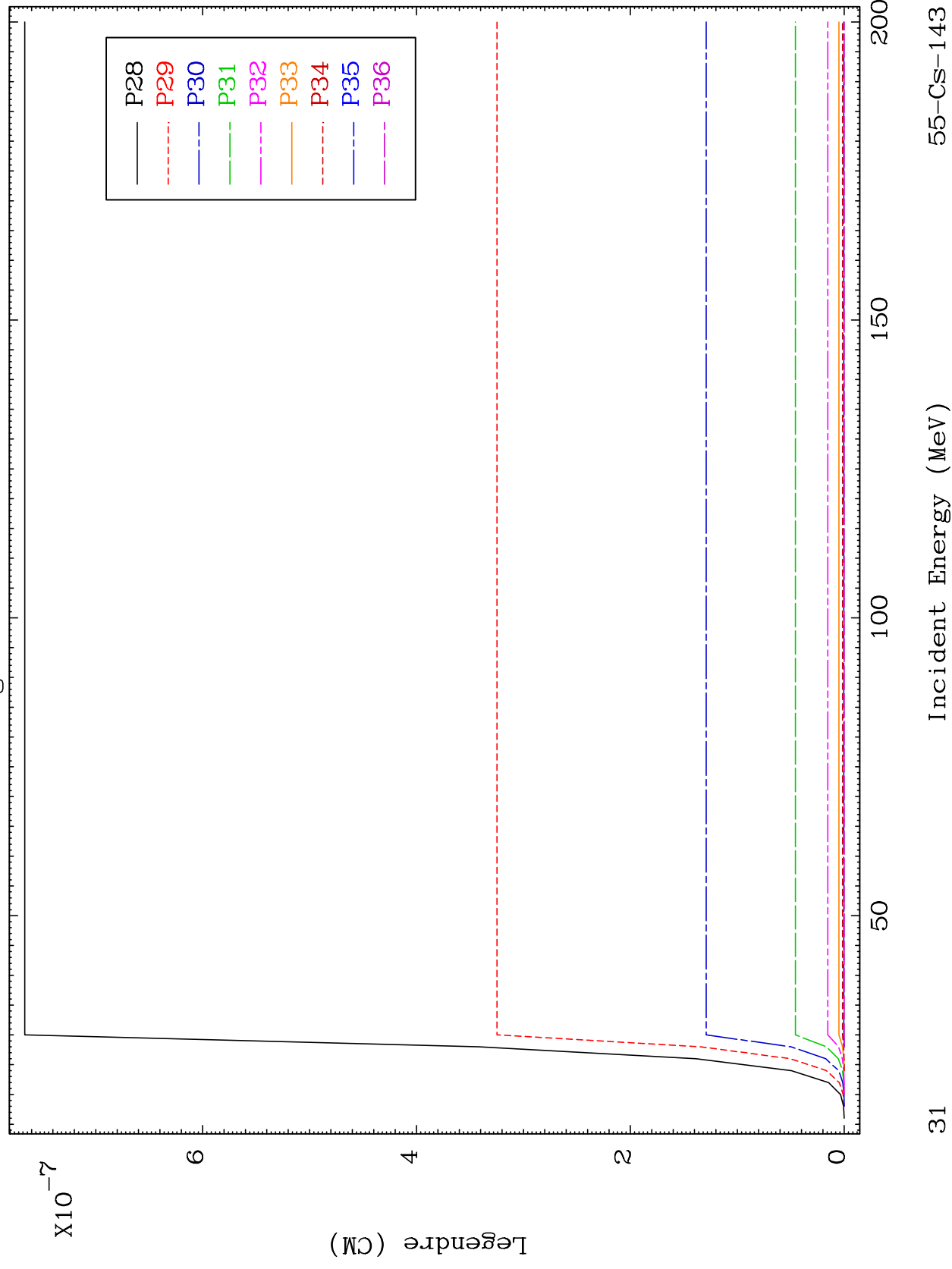
Incident Energy (MeV)

30

MAT 5555

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

55-Cs-143



31

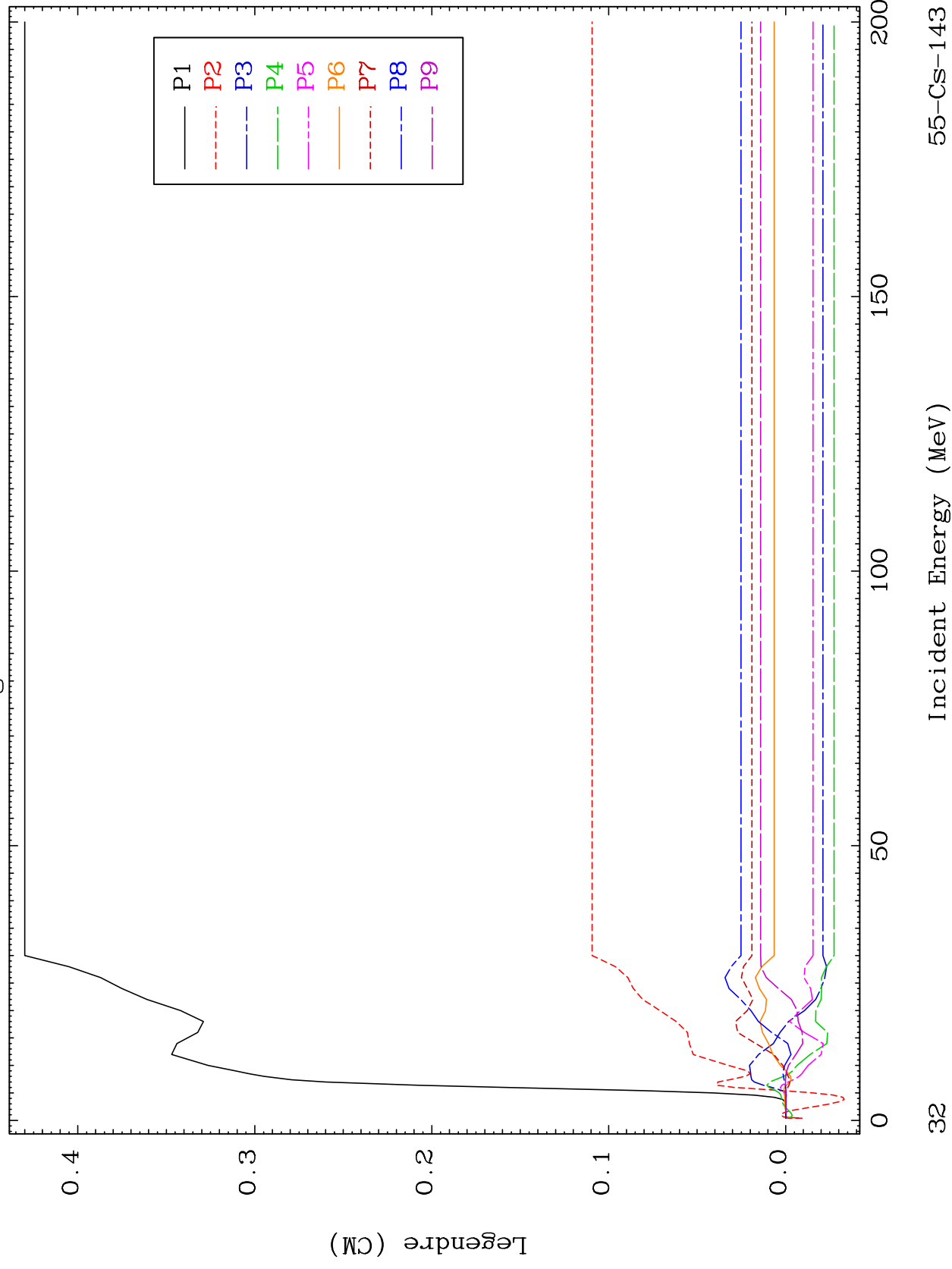
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

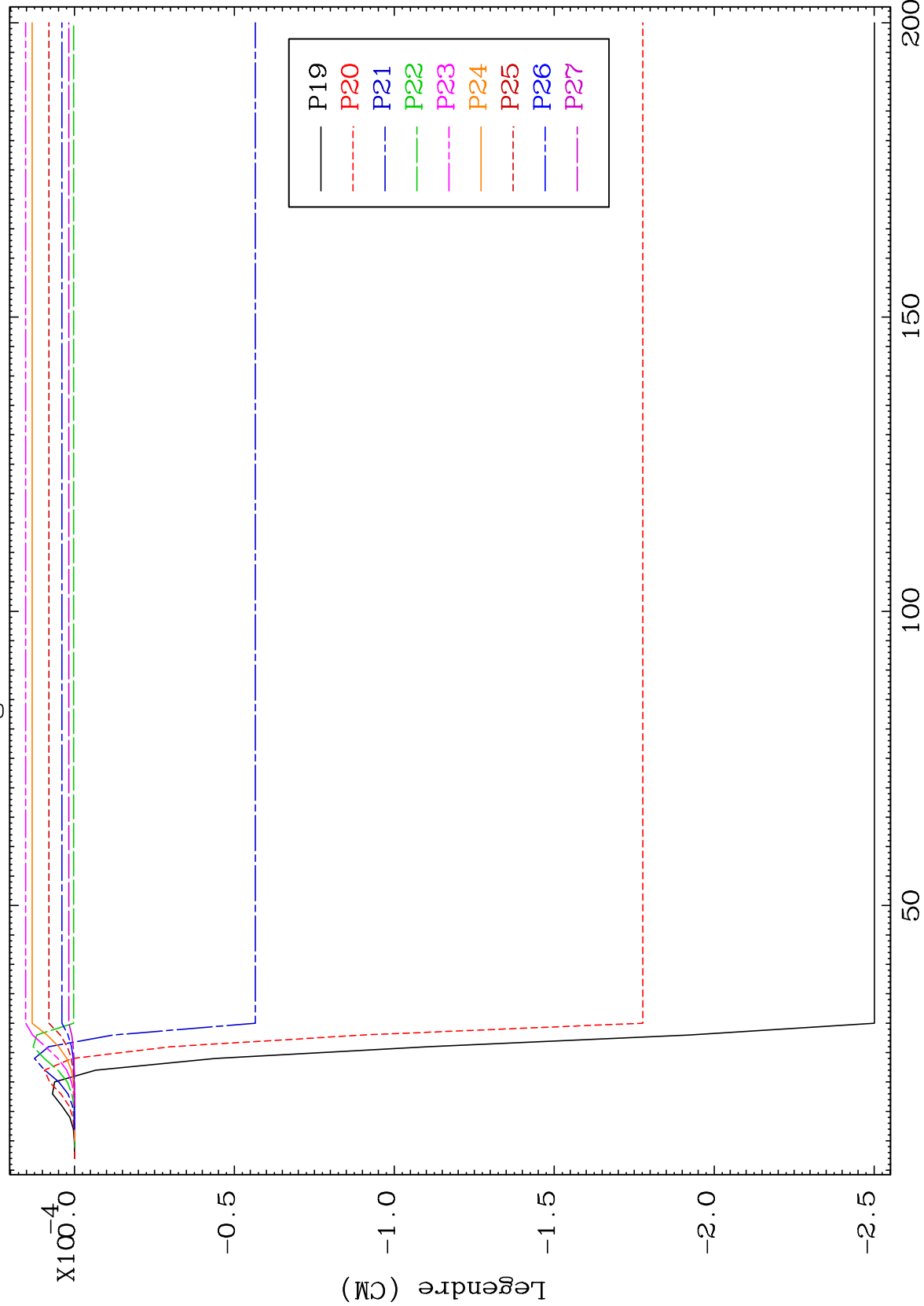
55-Cs-143



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55-Cs-143

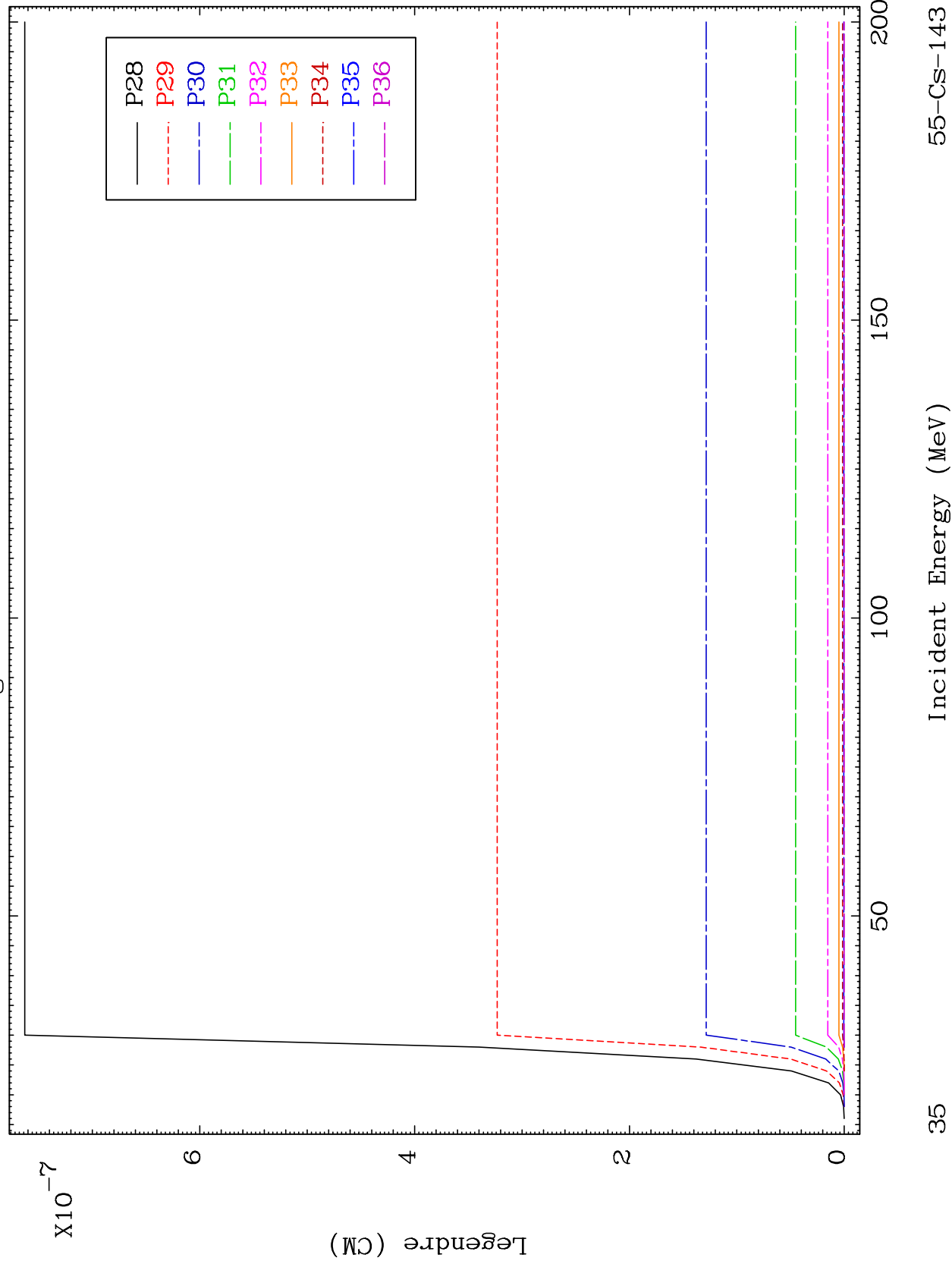
MT= 54 (n,n') Level
Legendre Coefficients



MAT 5555

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

55-Cs-143



35

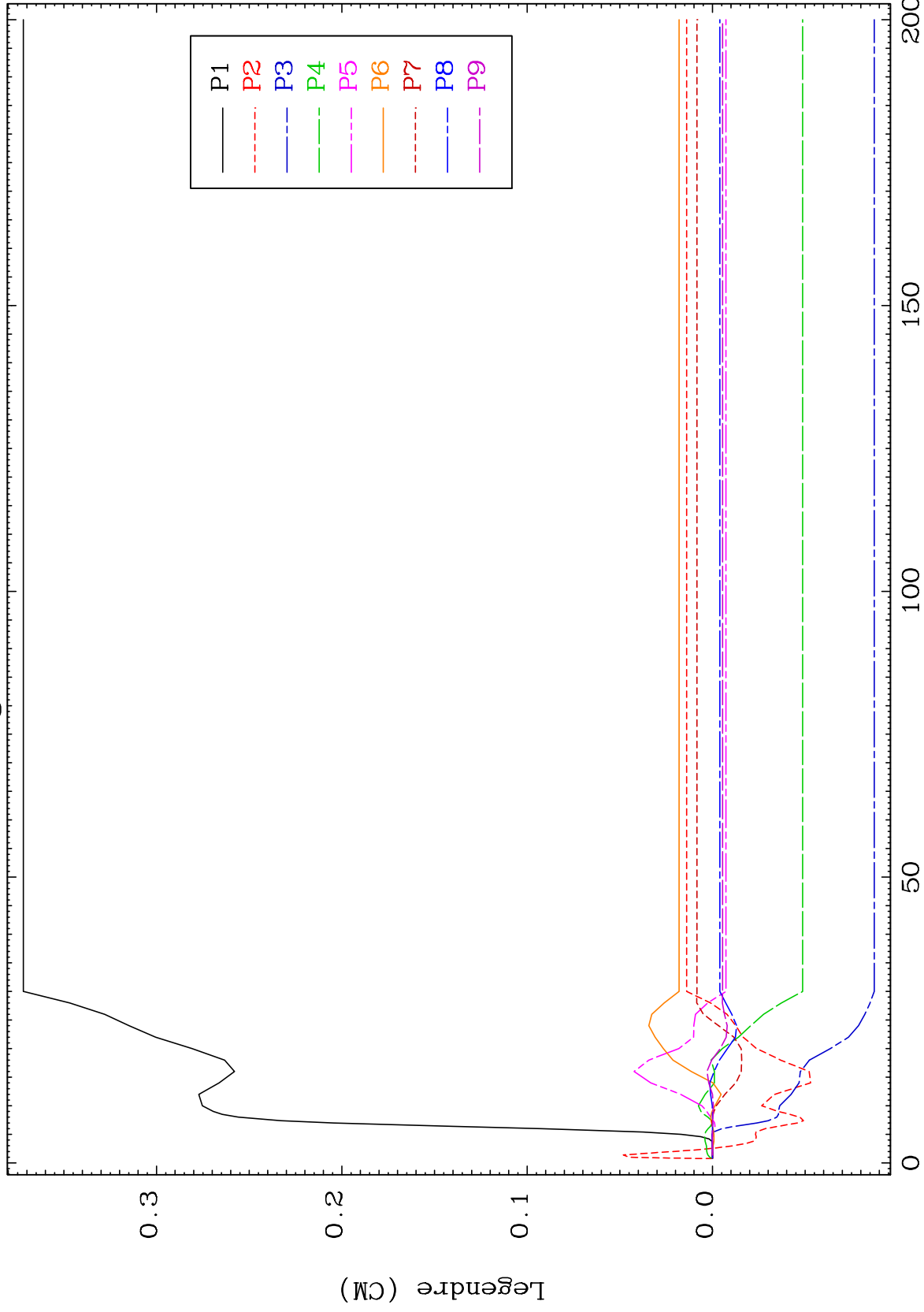
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



36

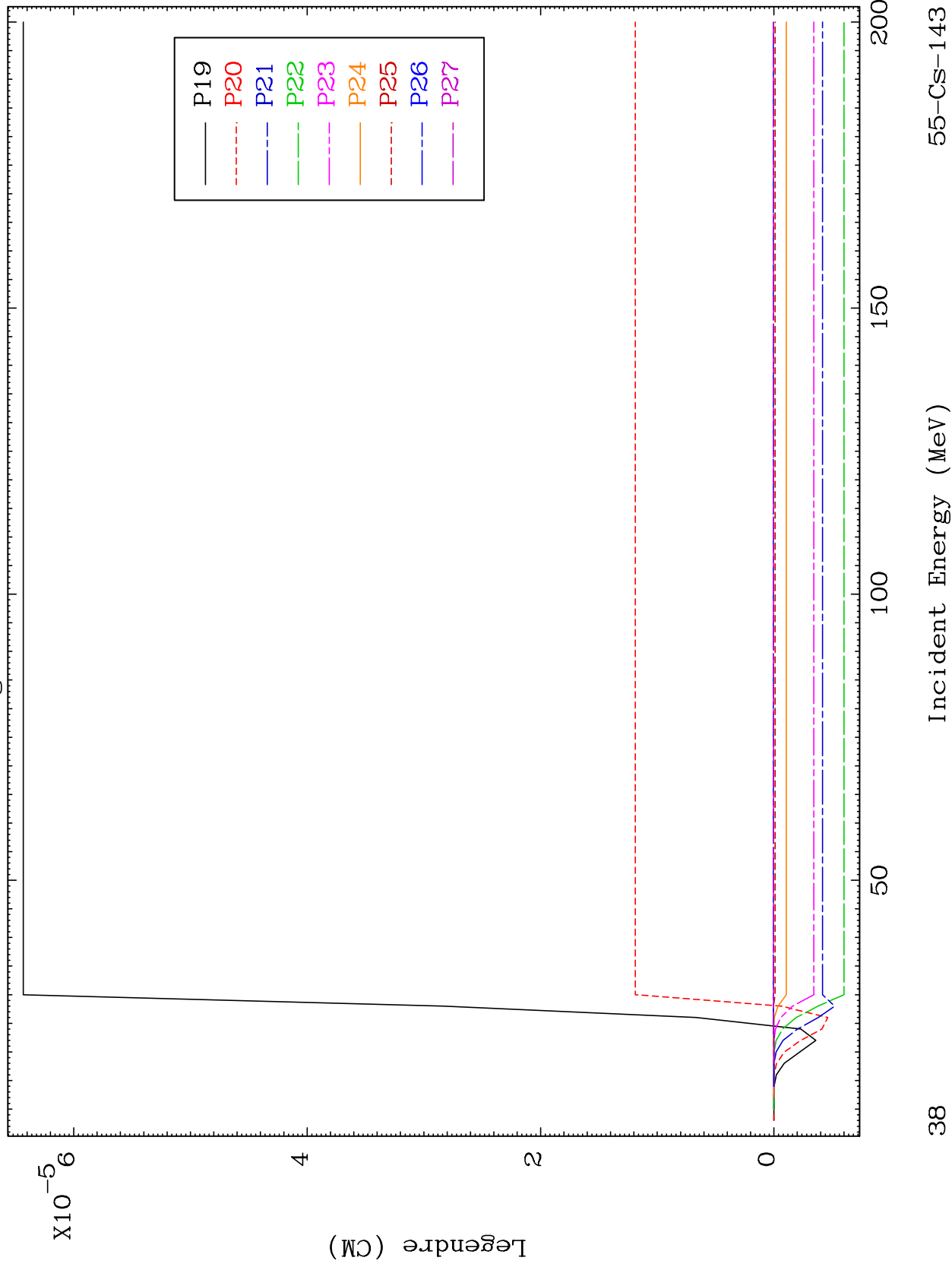
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

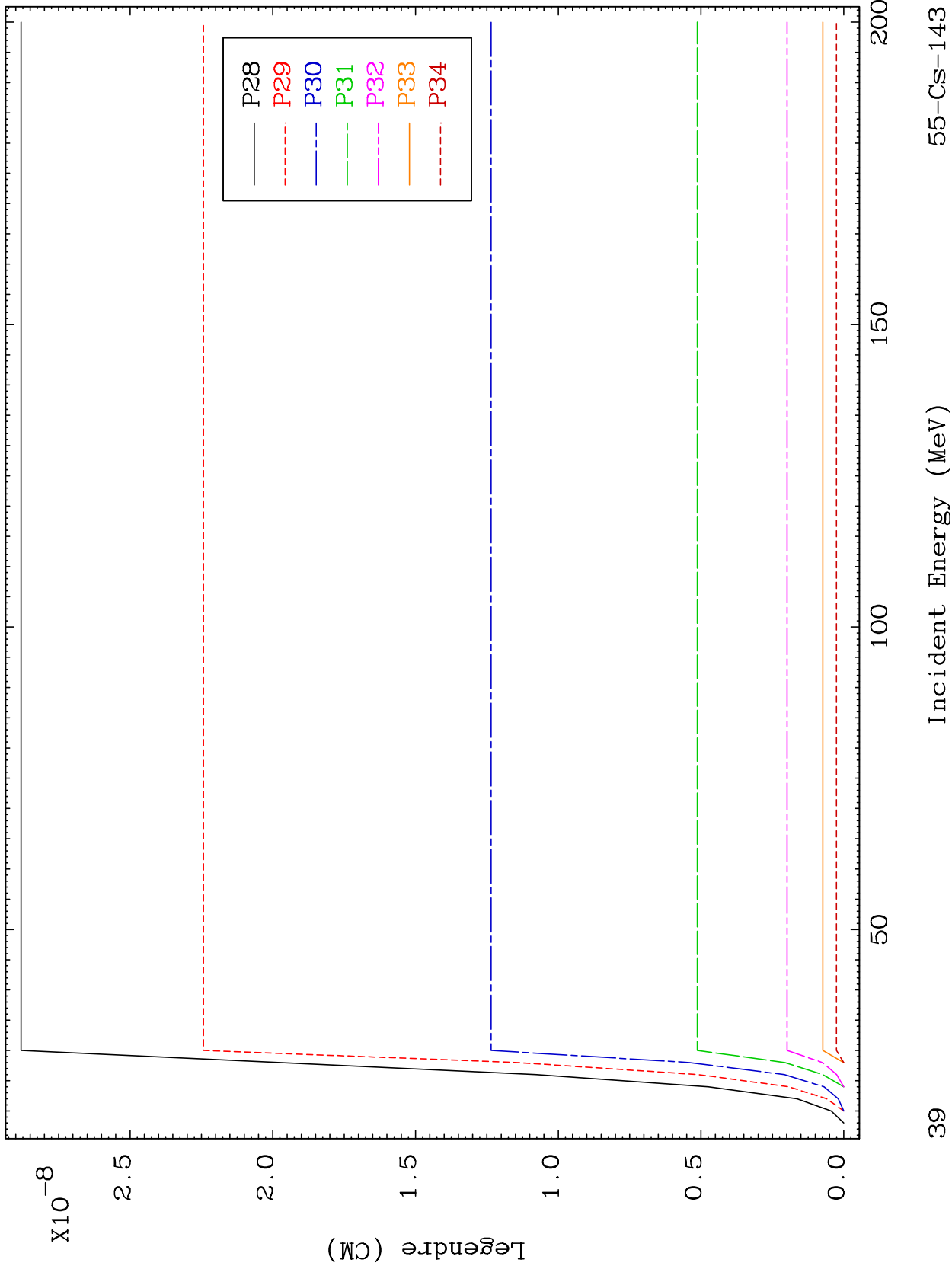
55-Cs-143



MAT 5555

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

55-Cs-143



39

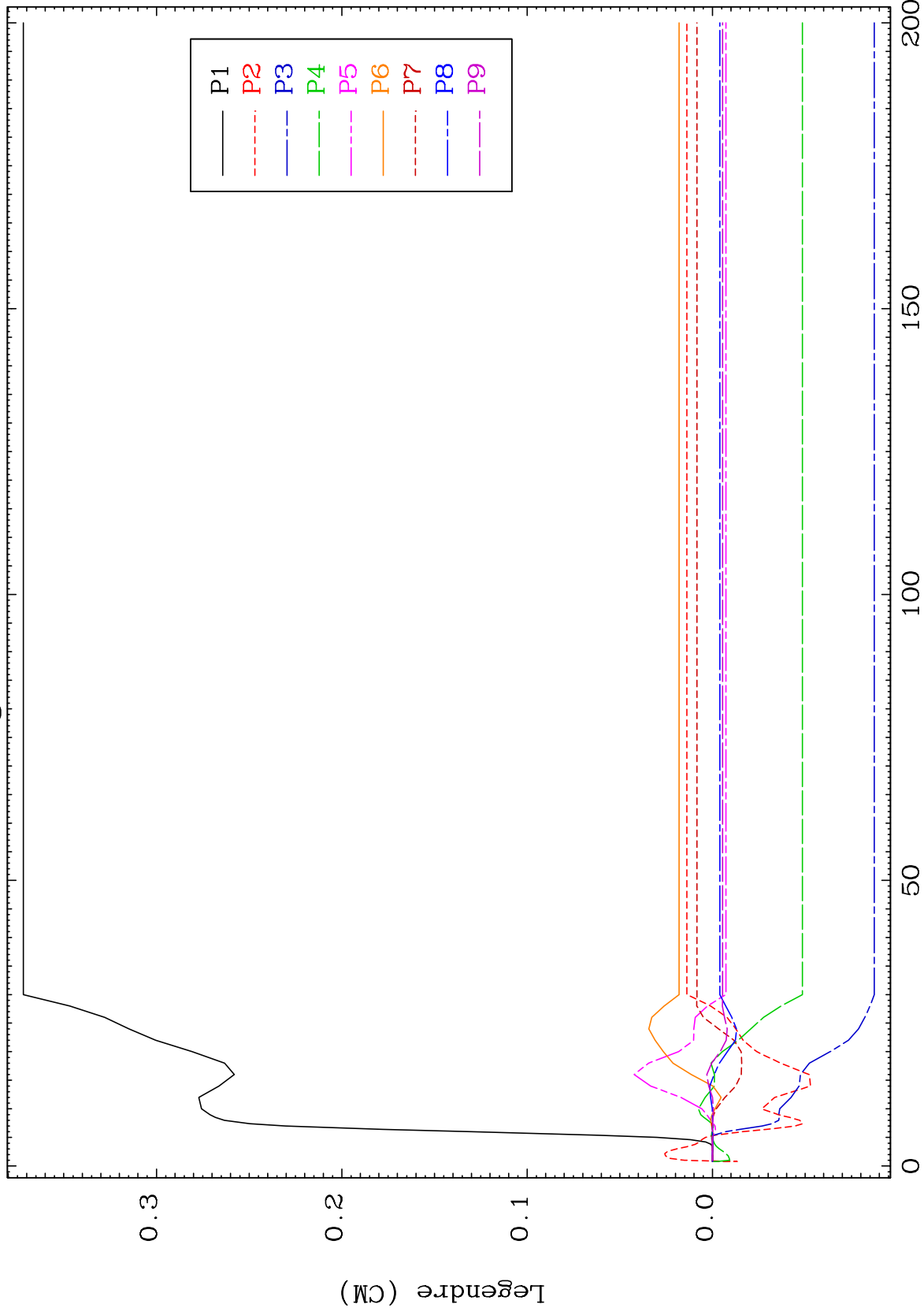
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

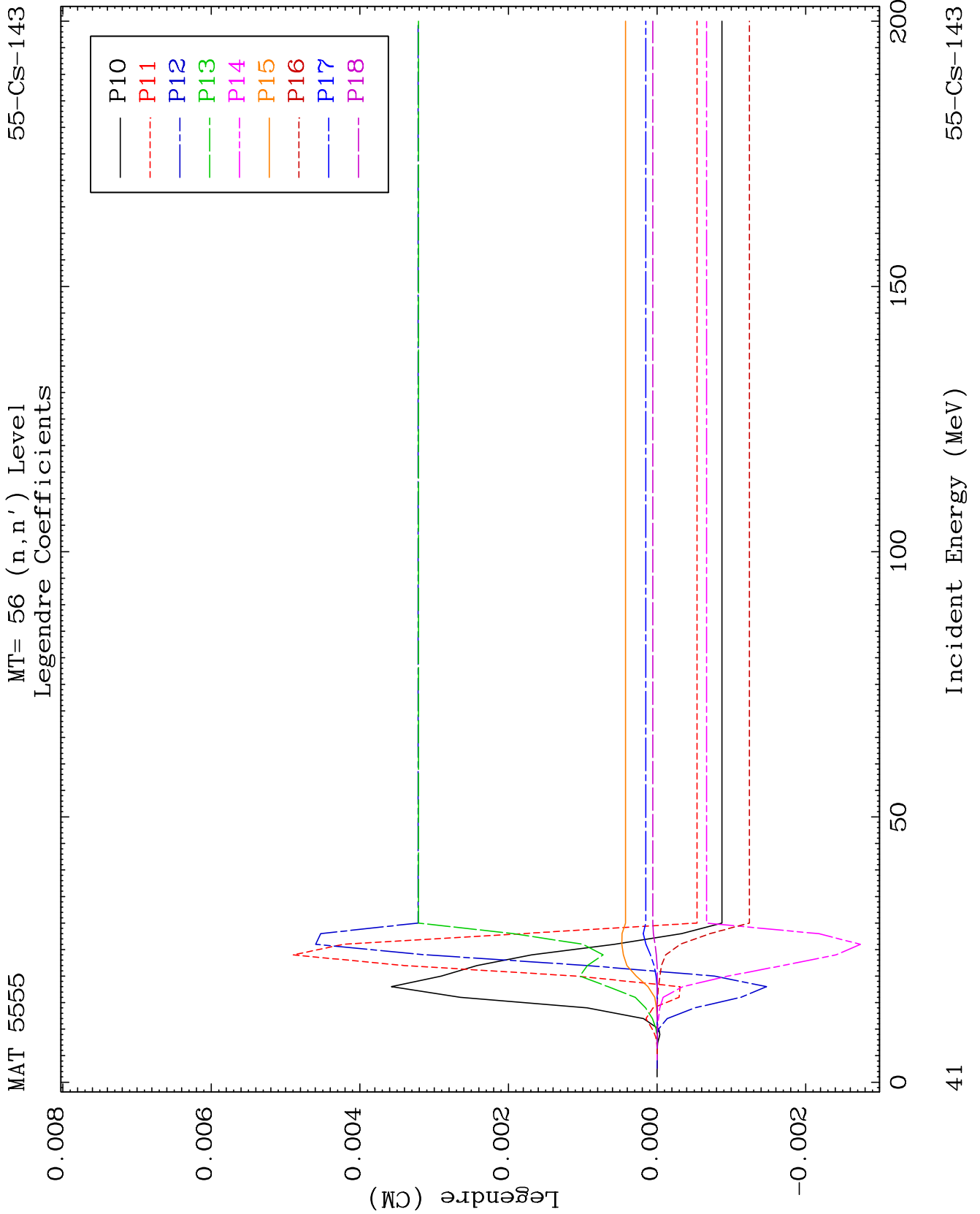
55-Cs-143



55-Cs-143

Incident Energy (MeV)

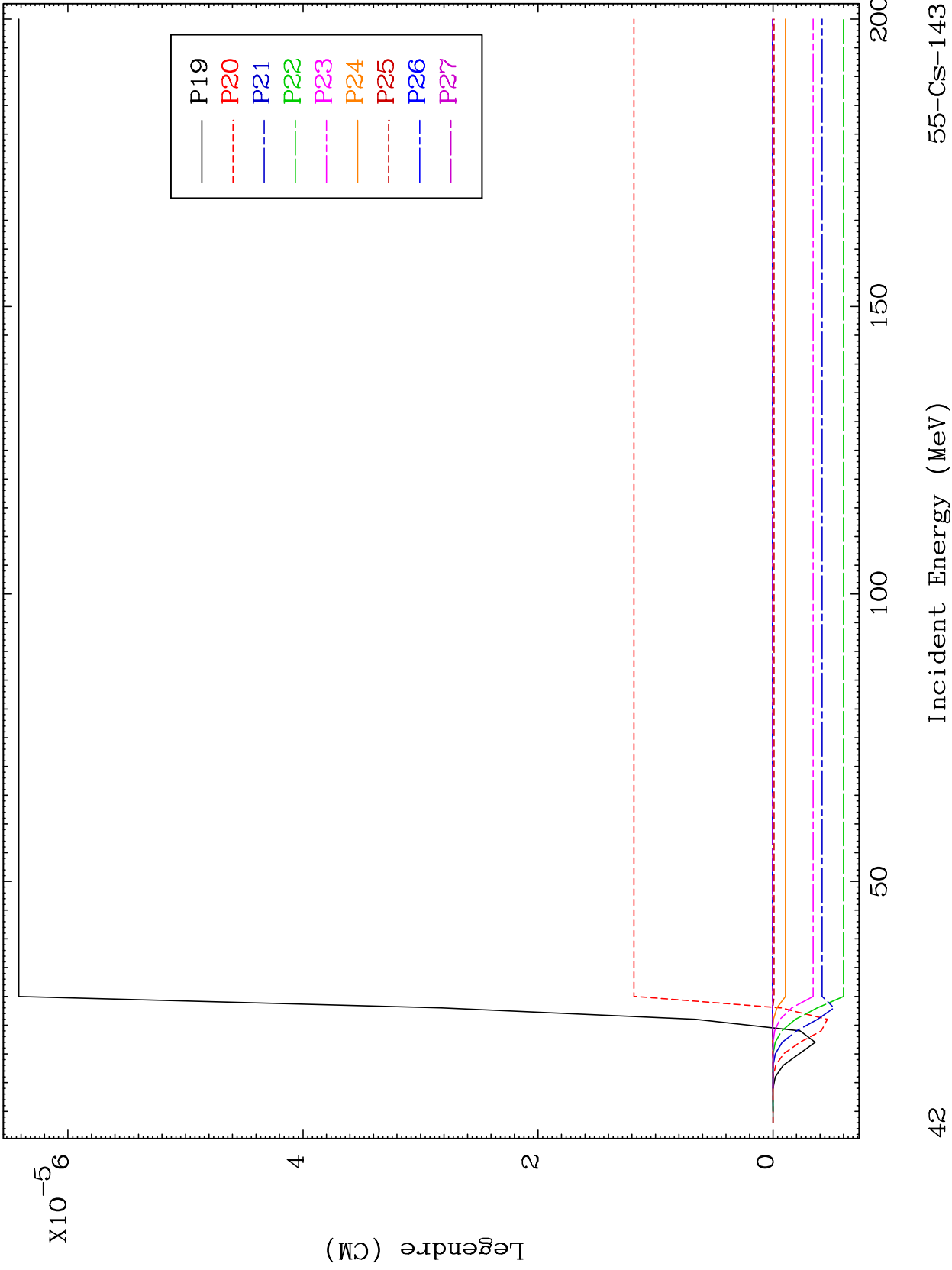
40



MAT 5555

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

55-Cs-143



42

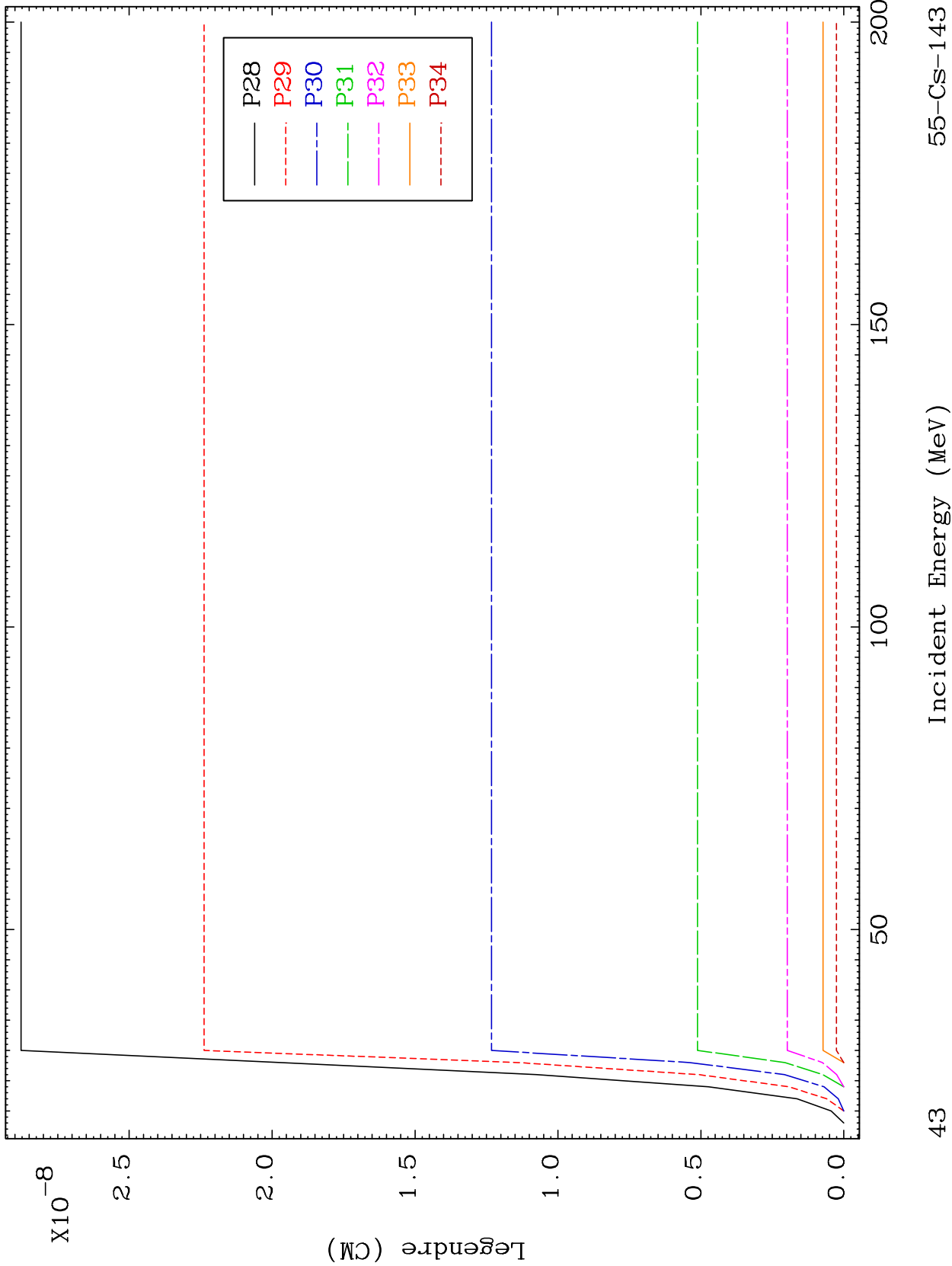
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



43

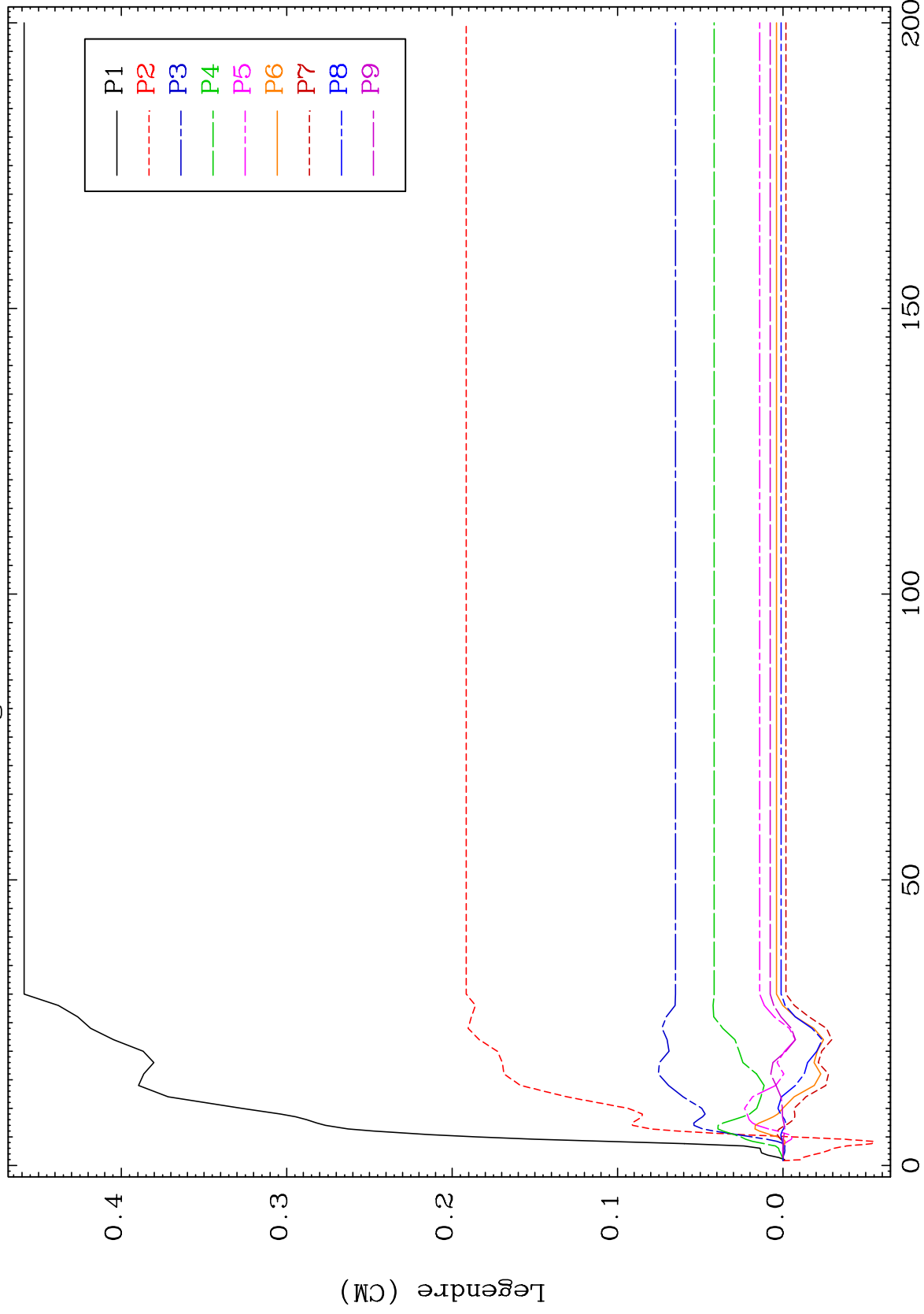
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

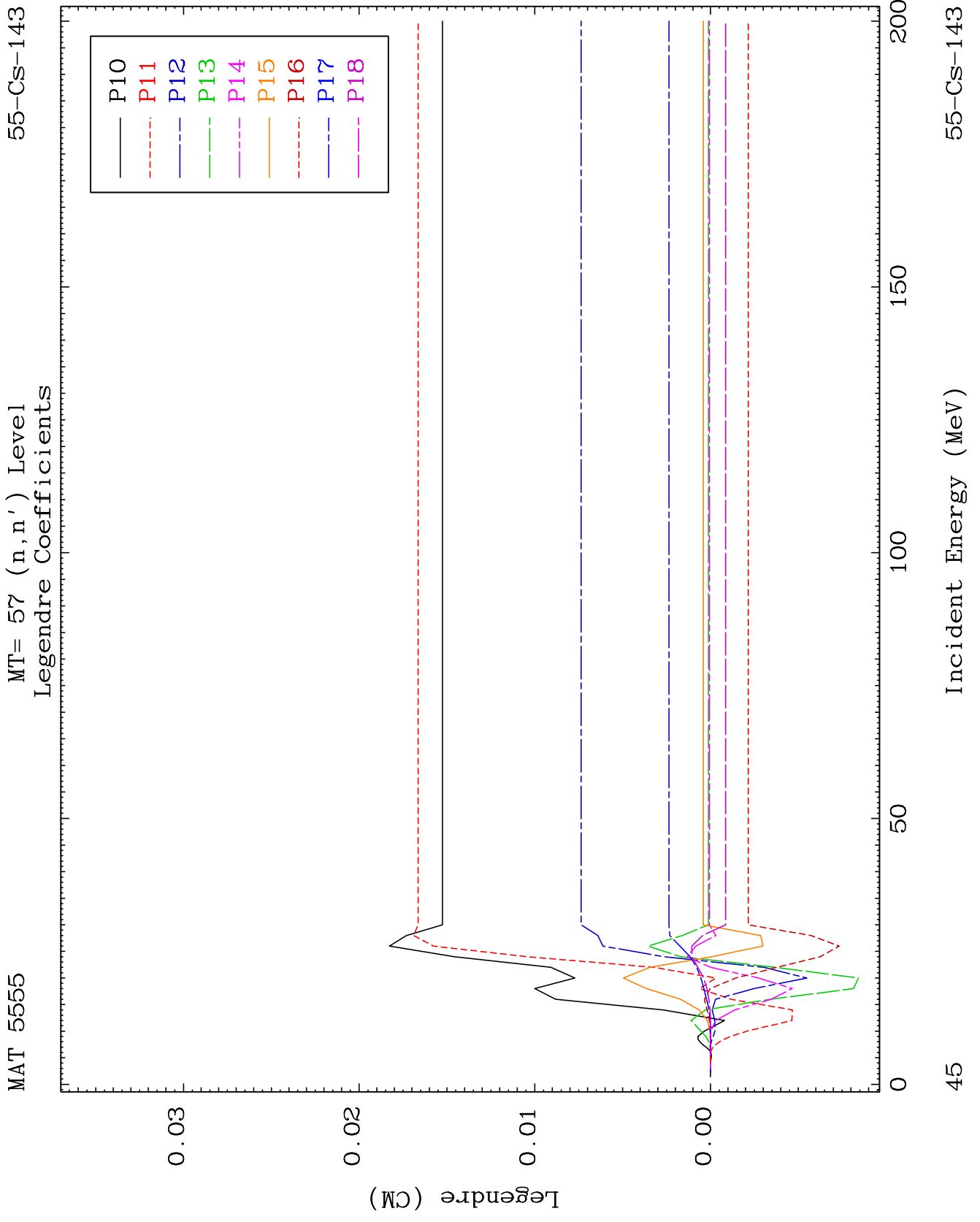
55-Cs-143



55-Cs-143

Incident Energy (MeV)

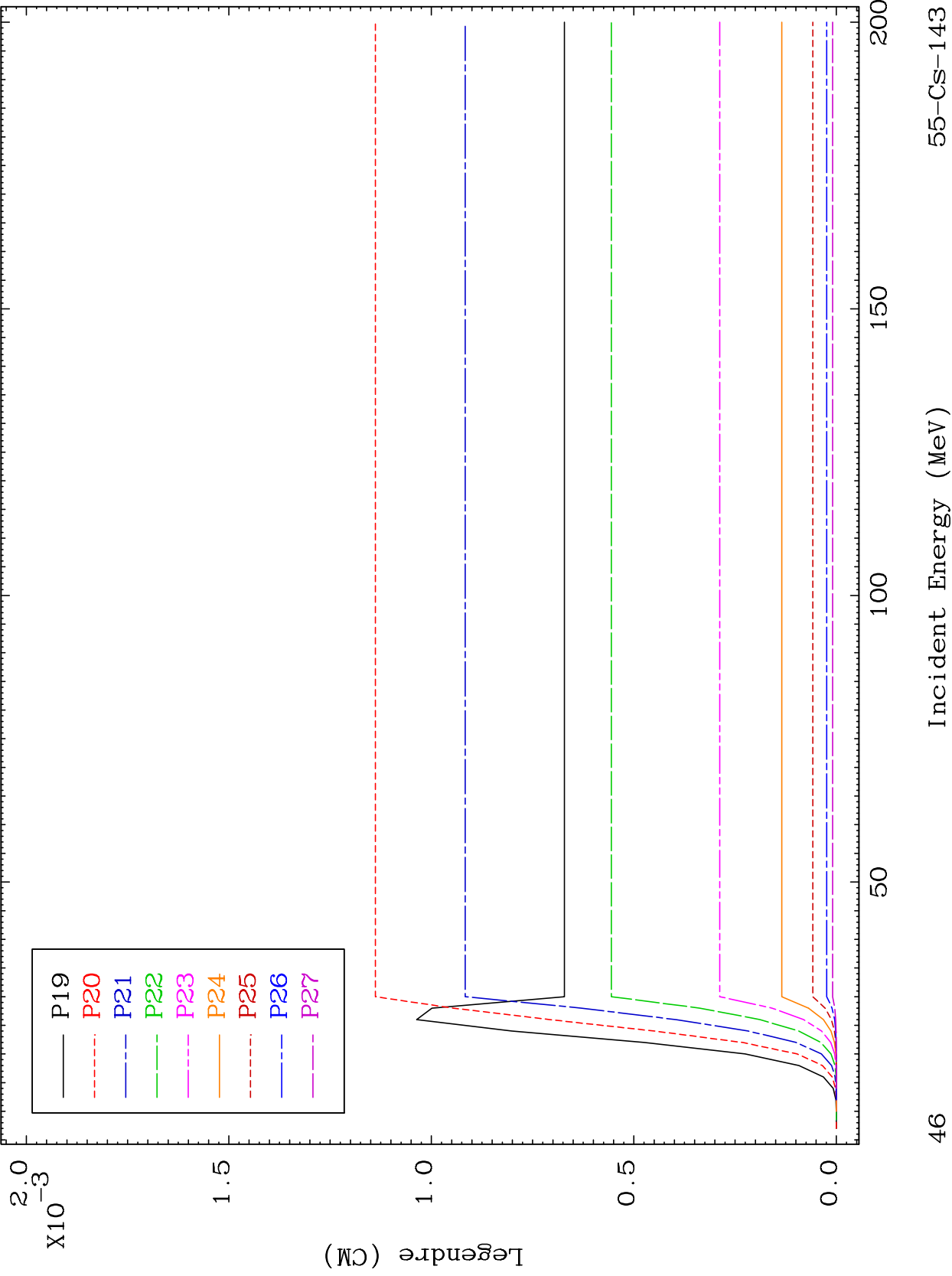
44



MAT 5555

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

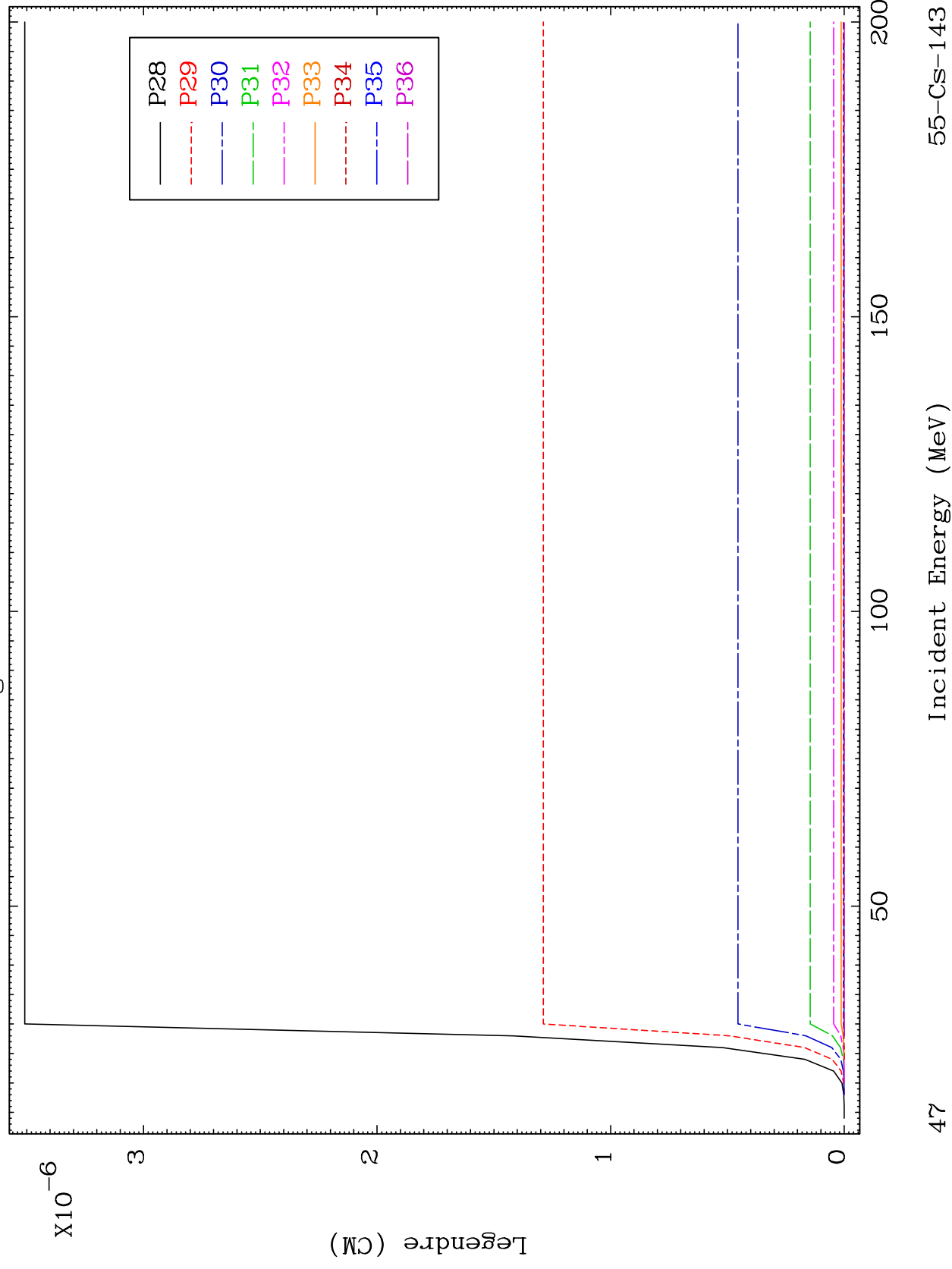
55-Cs-143



MAT 5555

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

55-Cs-143



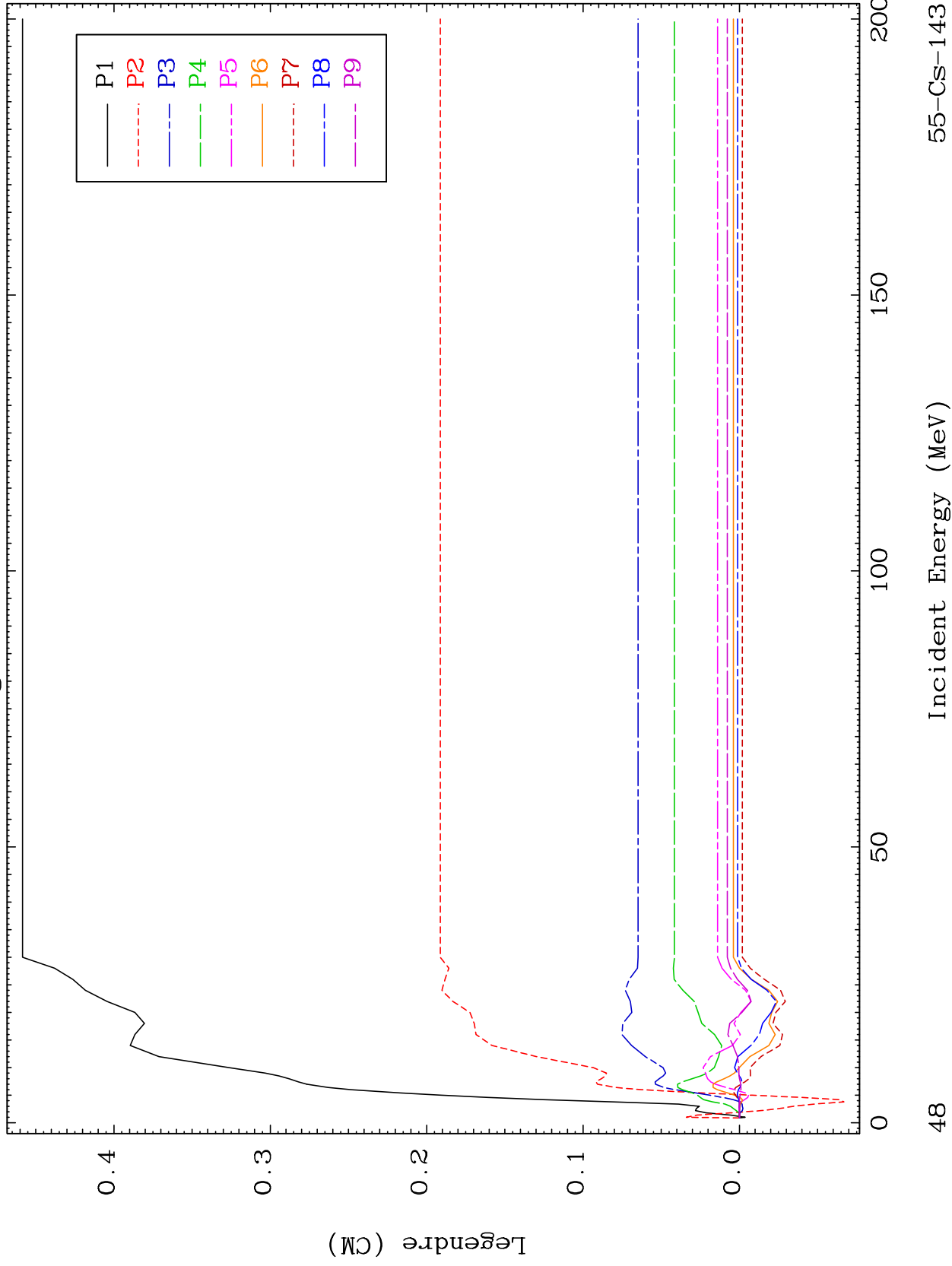
47

55-Cs-143

MAT 5555

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

55-Cs-143

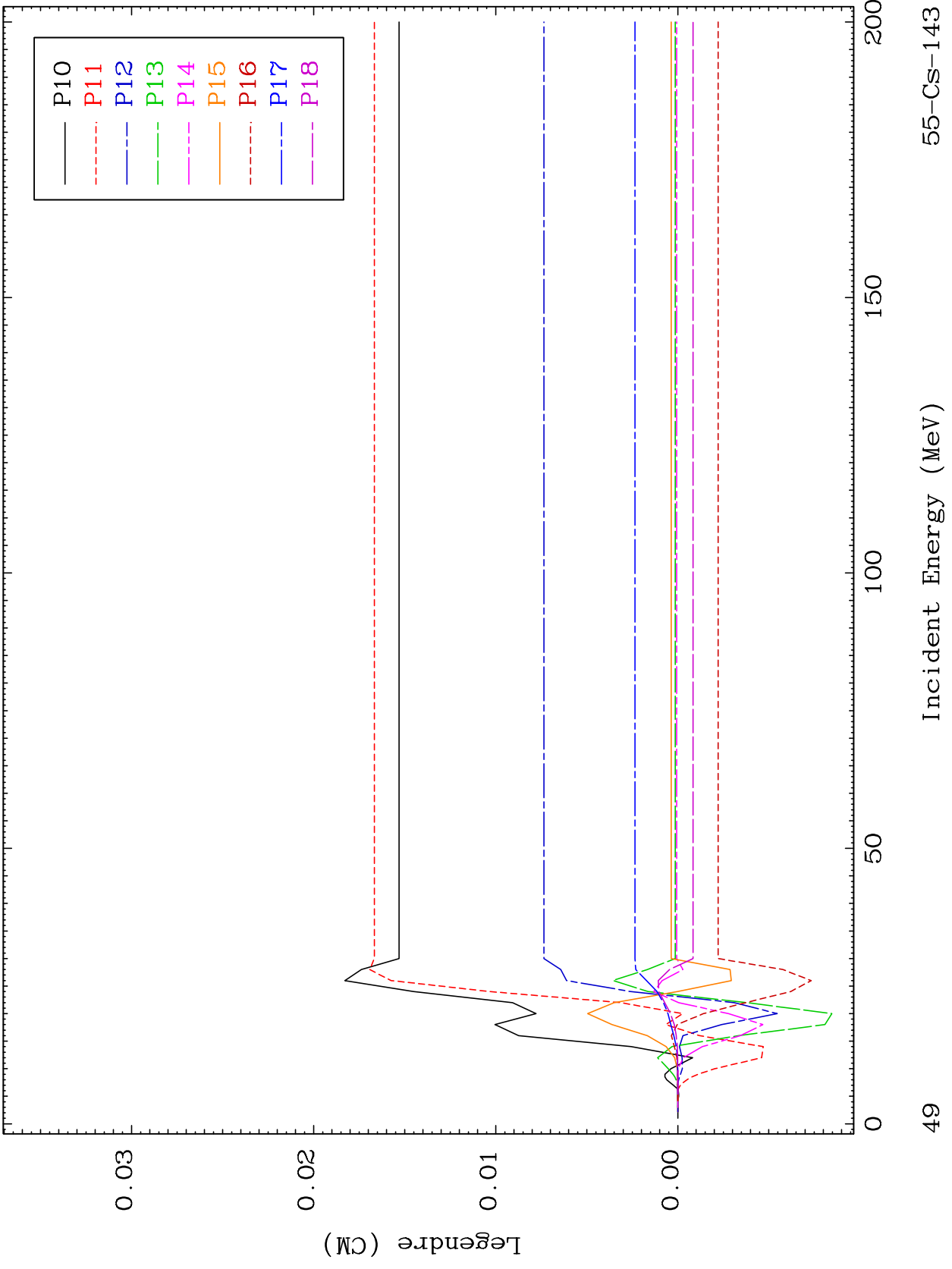


55-Cs-143

Incident Energy (MeV)

48

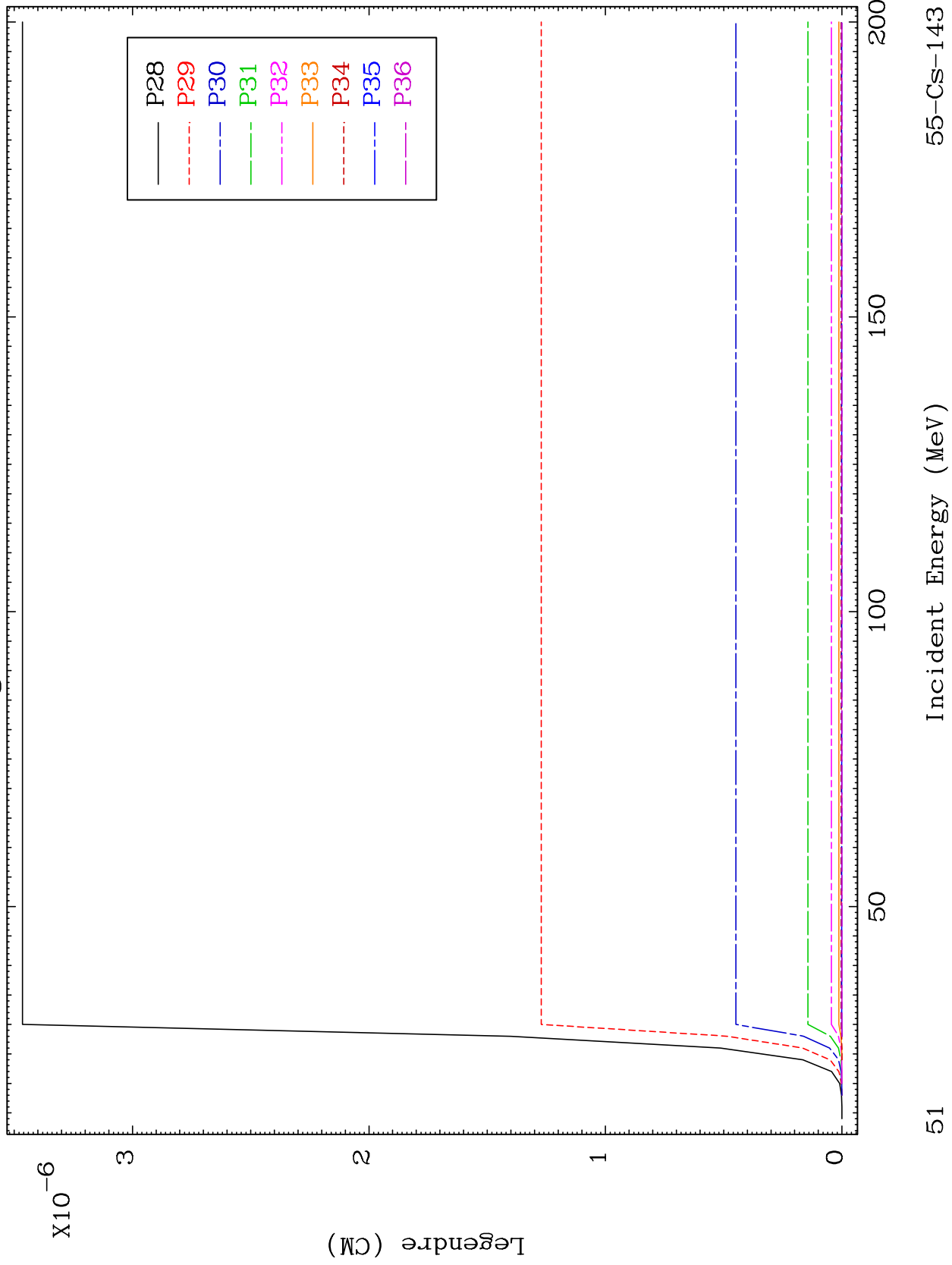
MAT 5555 MT= 58 (n,n') Level Legendre Coefficients 55-Cs-143



MAT 5555

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

55-Cs-143



51

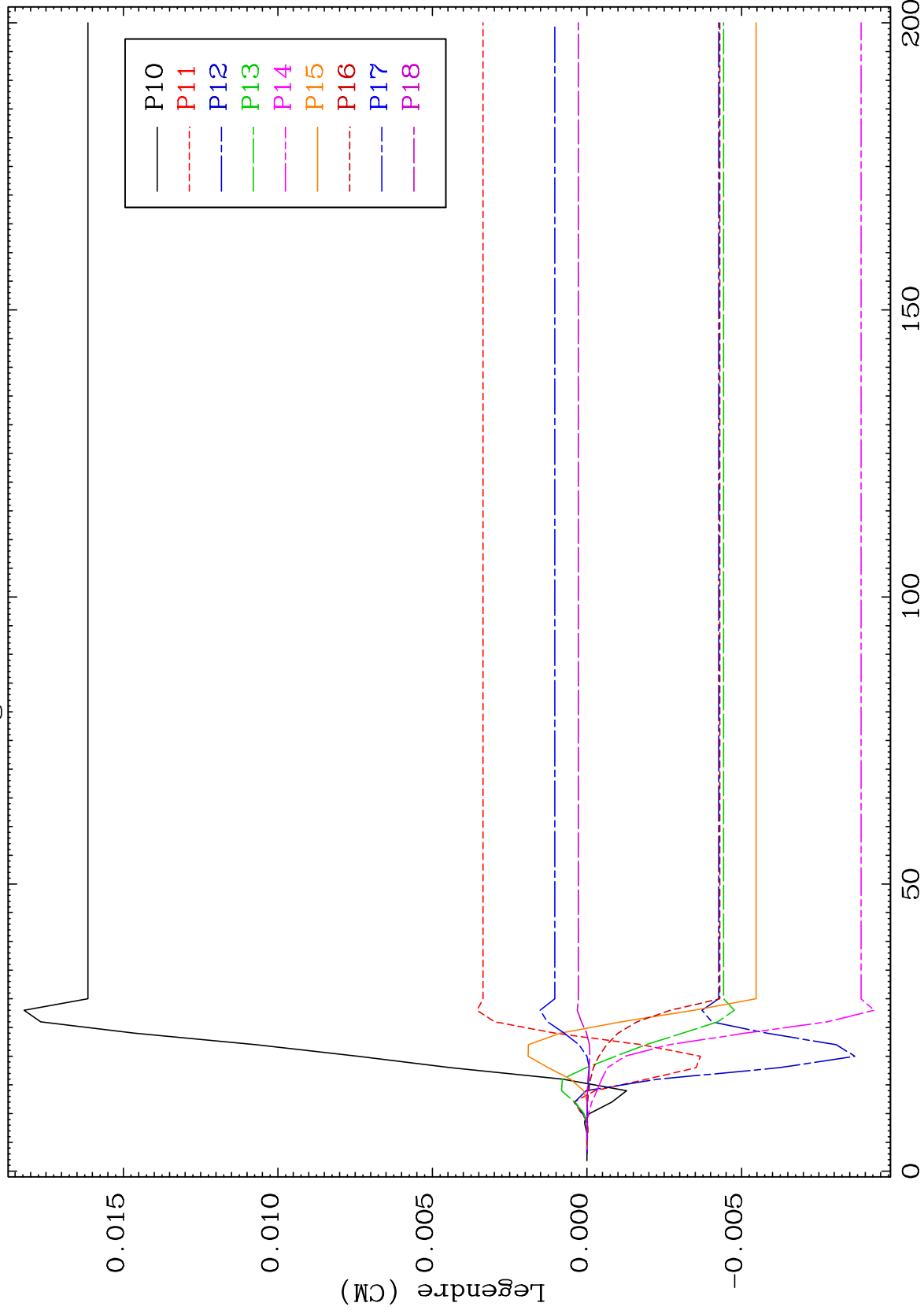
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



53

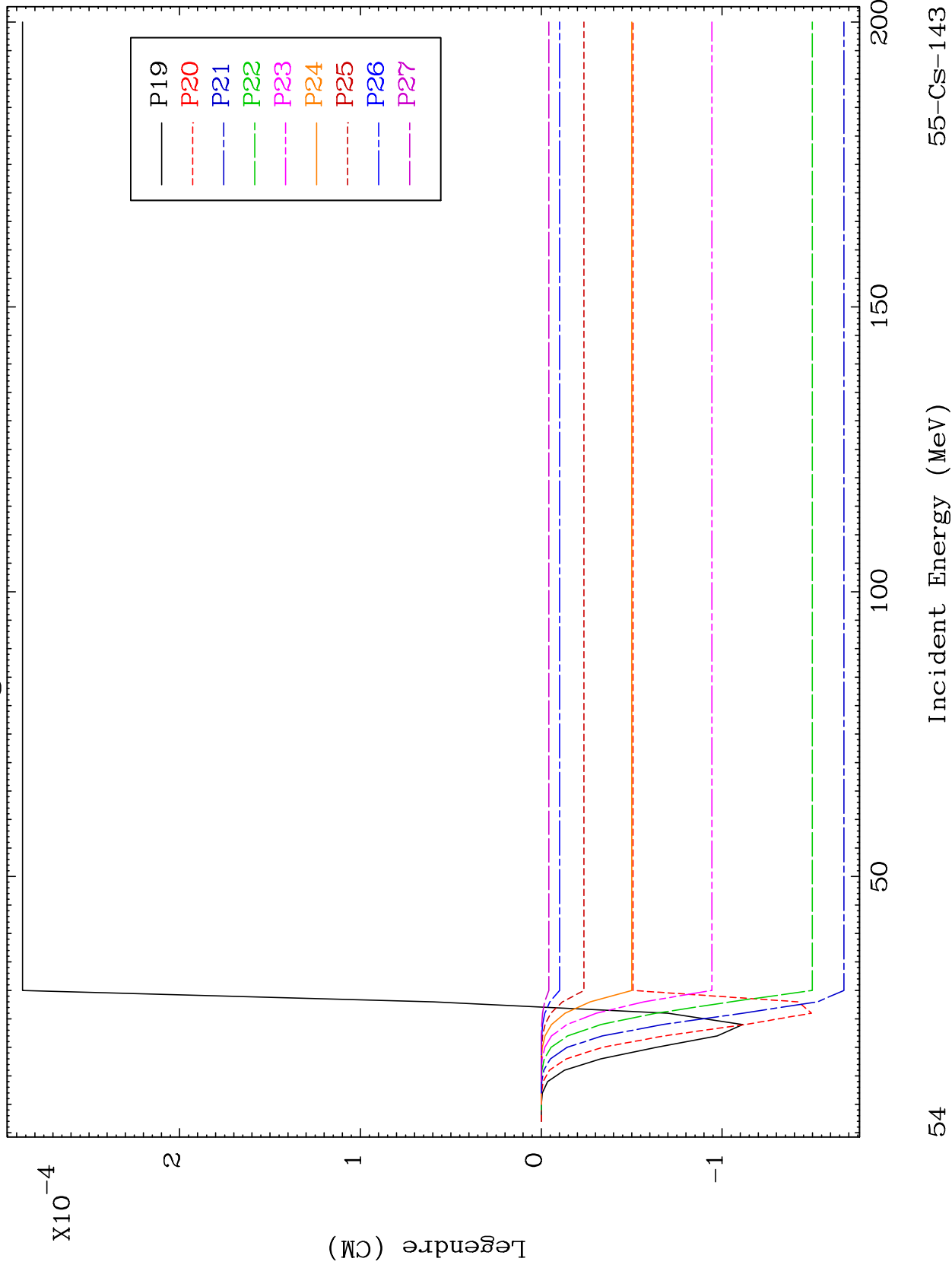
Incident Energy (MeV)

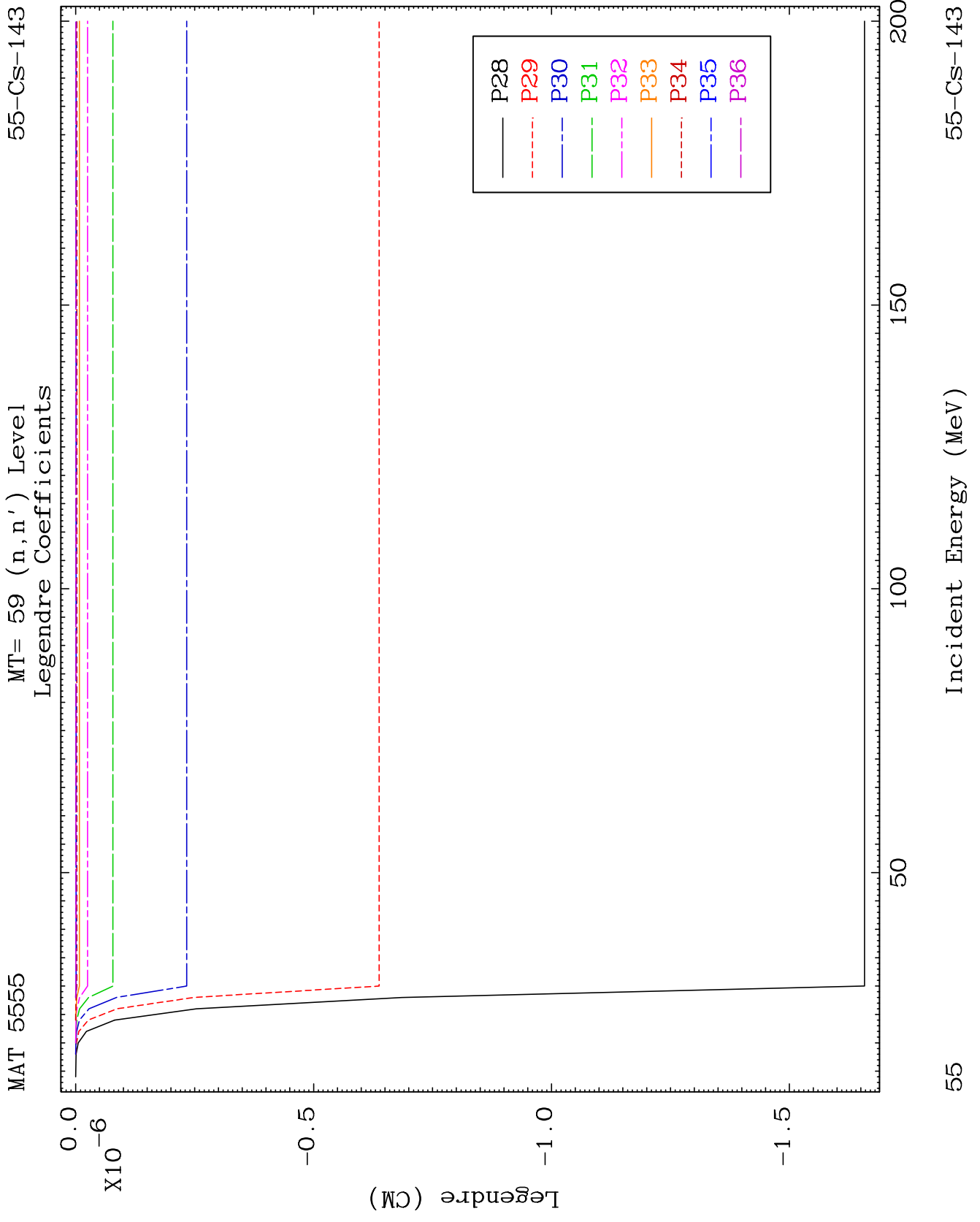
55-Cs-143

MAT 5555

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

55-Cs-143

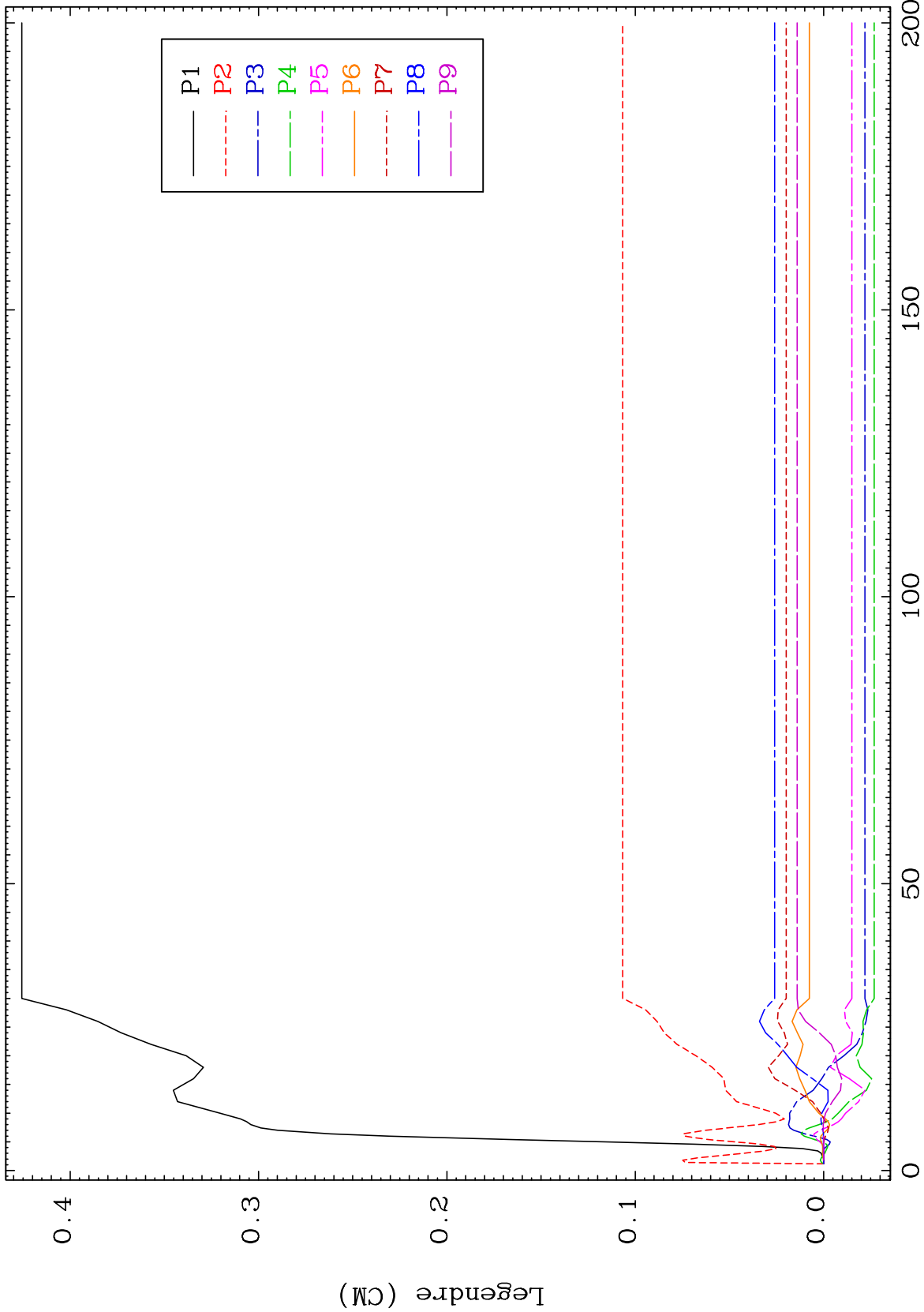




MAT 5555

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

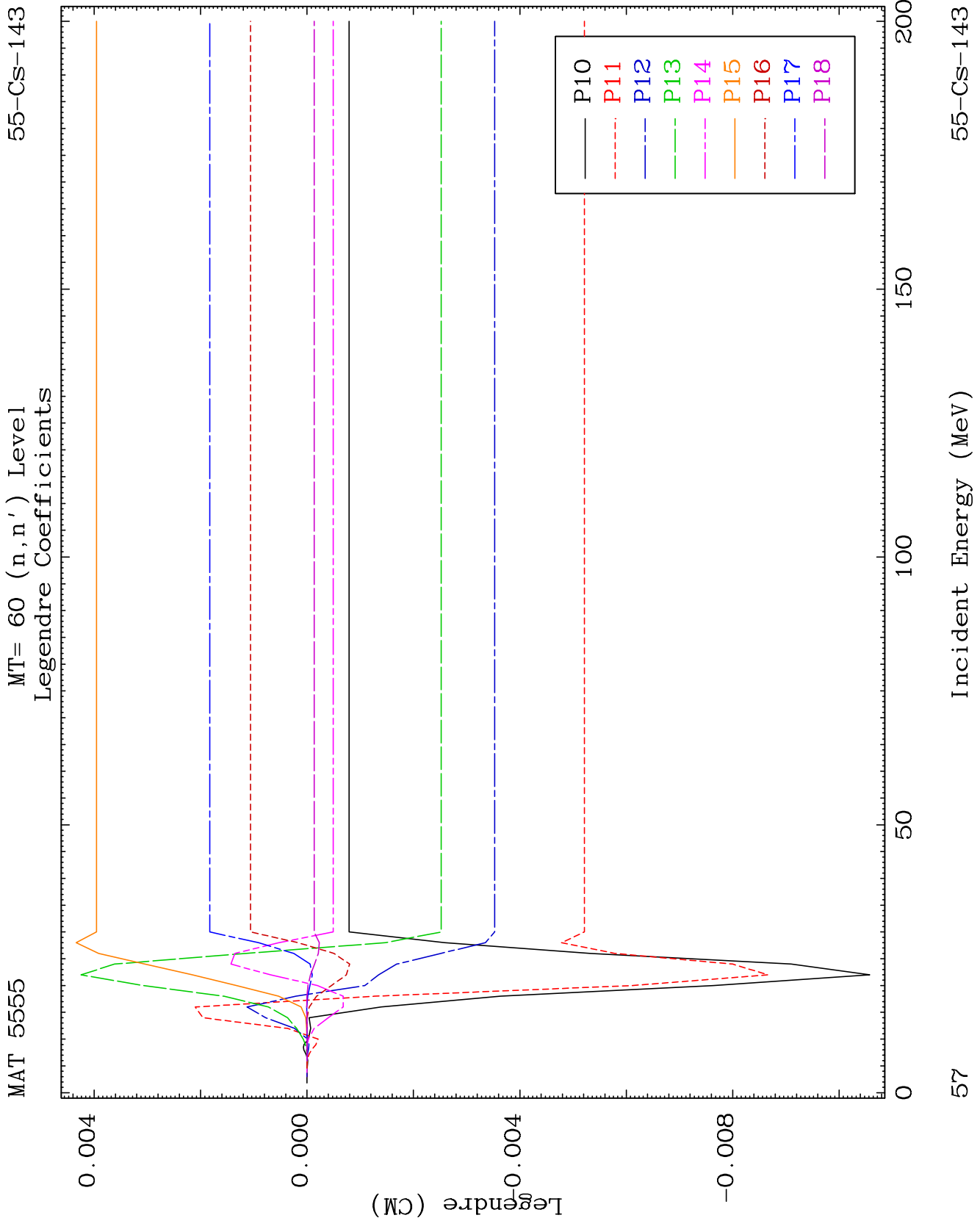
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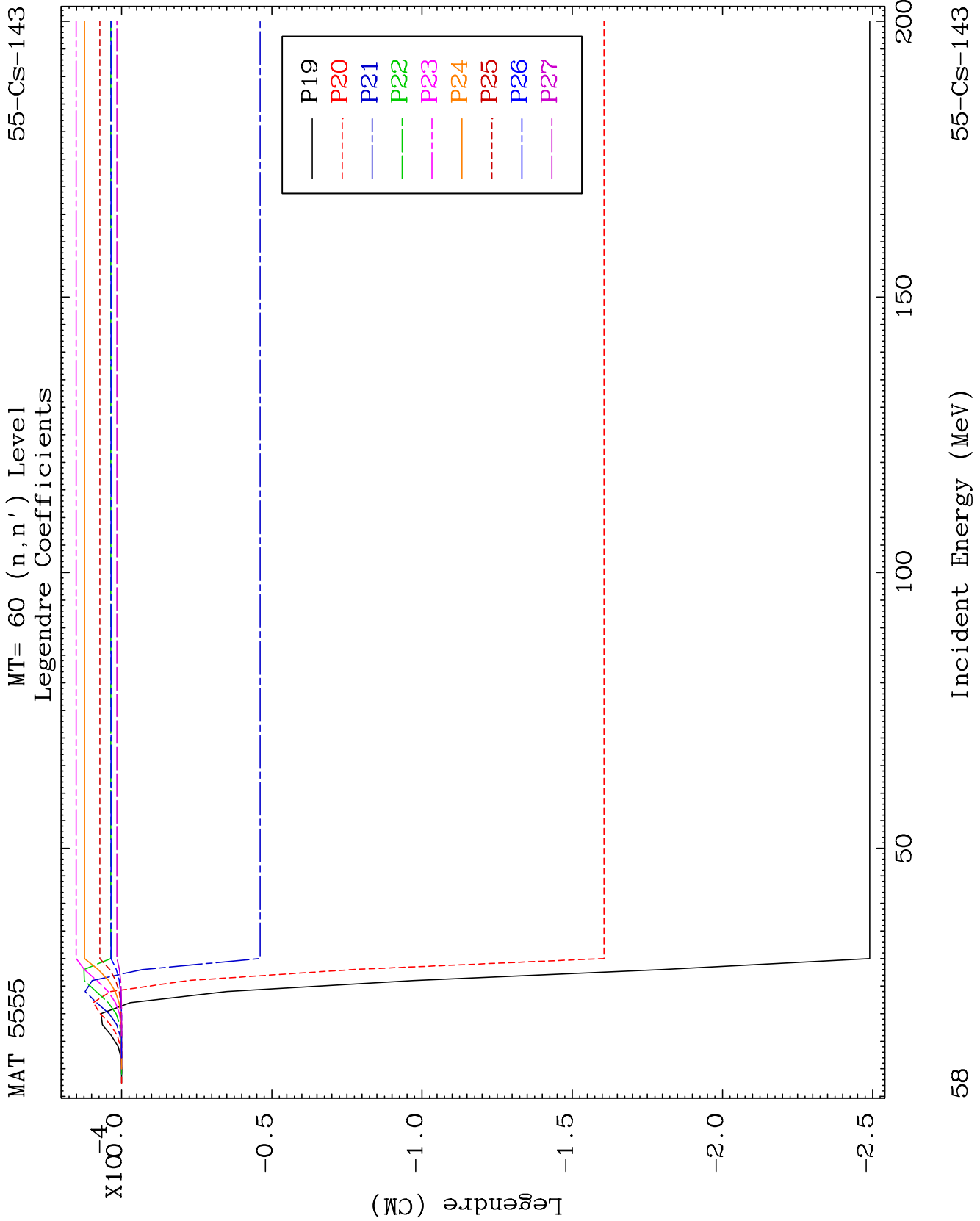


55-Cs-143

Incident Energy (MeV)

56

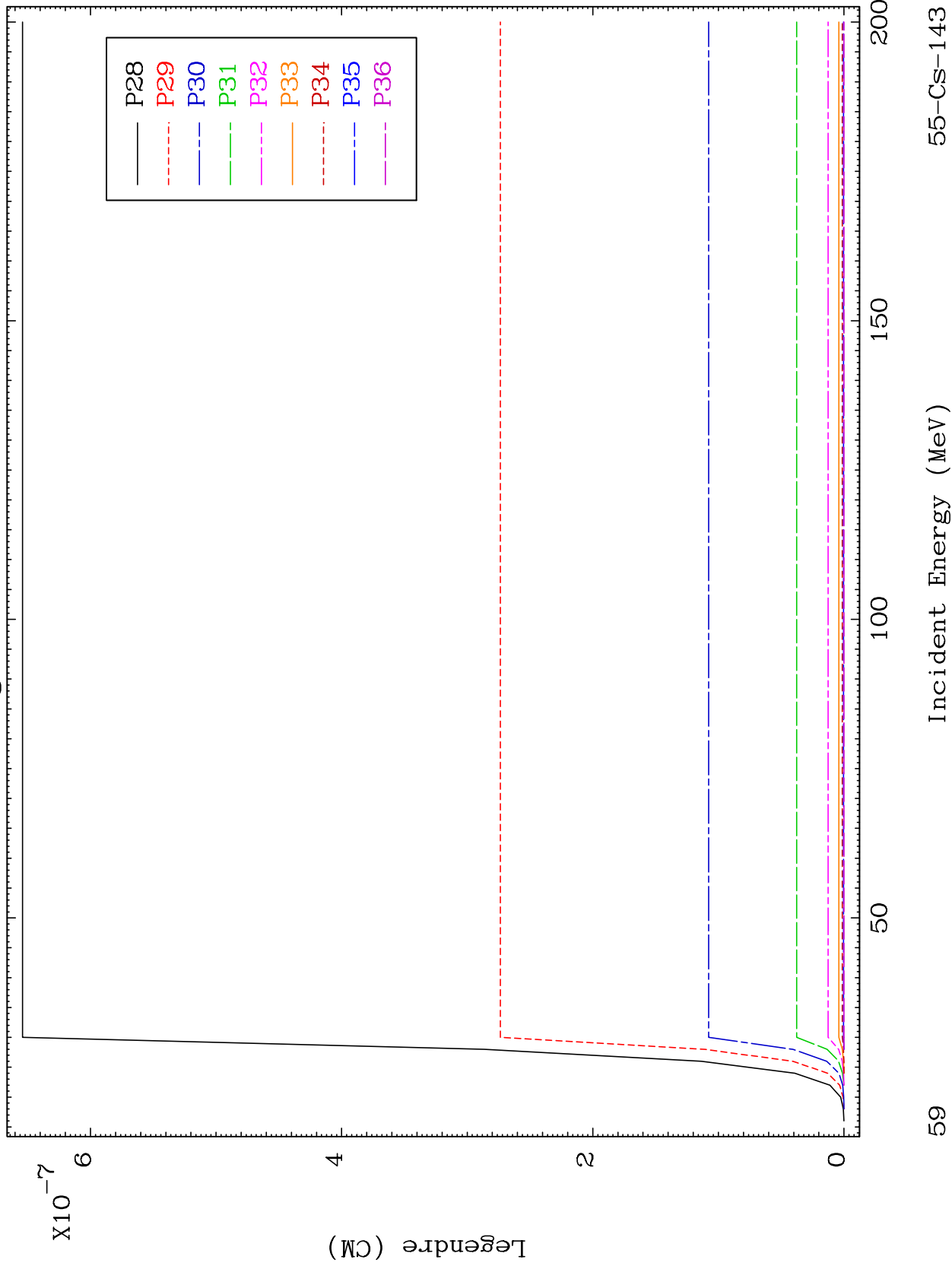




MAT 5555

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

55-Cs-143



59

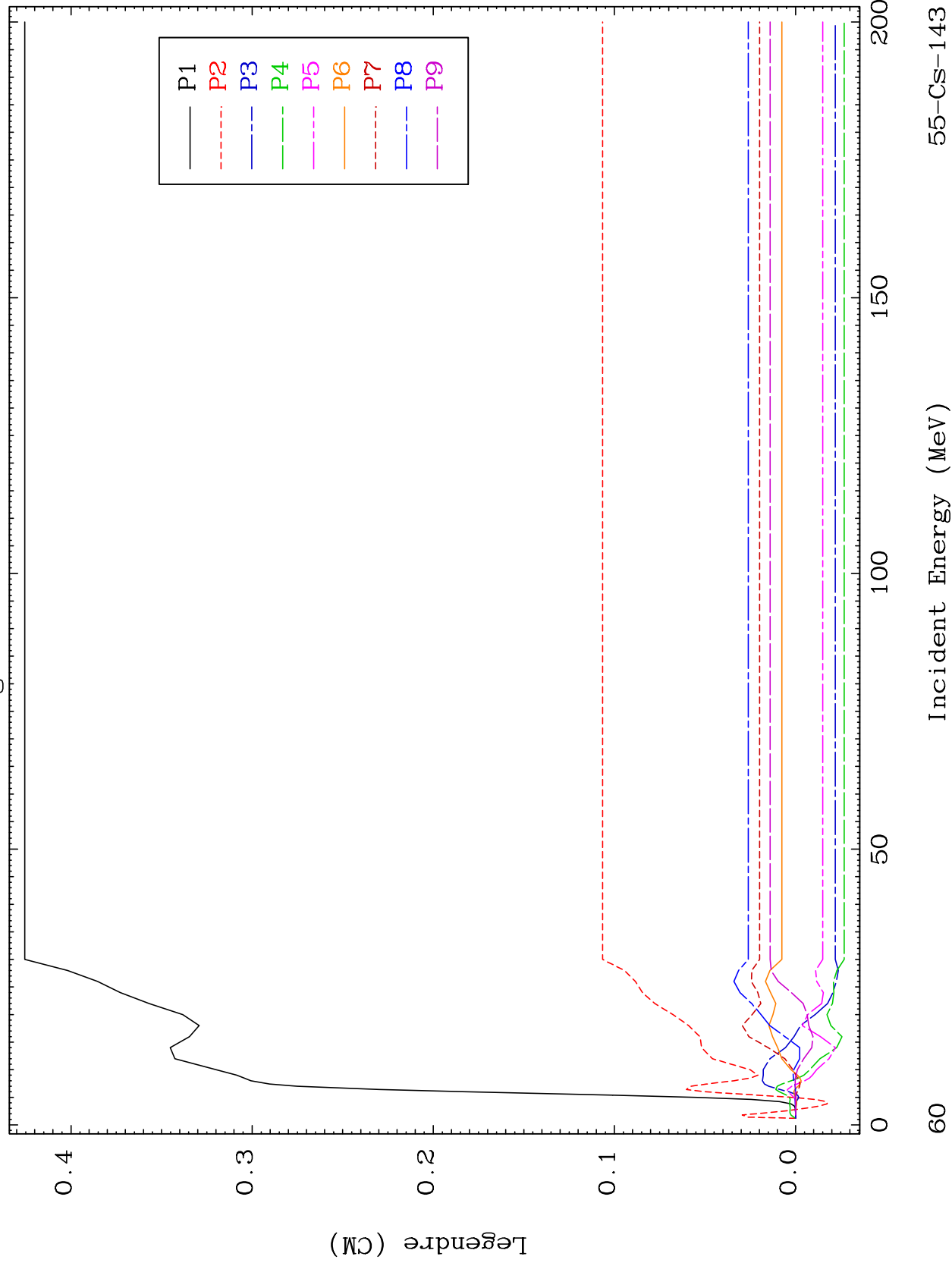
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

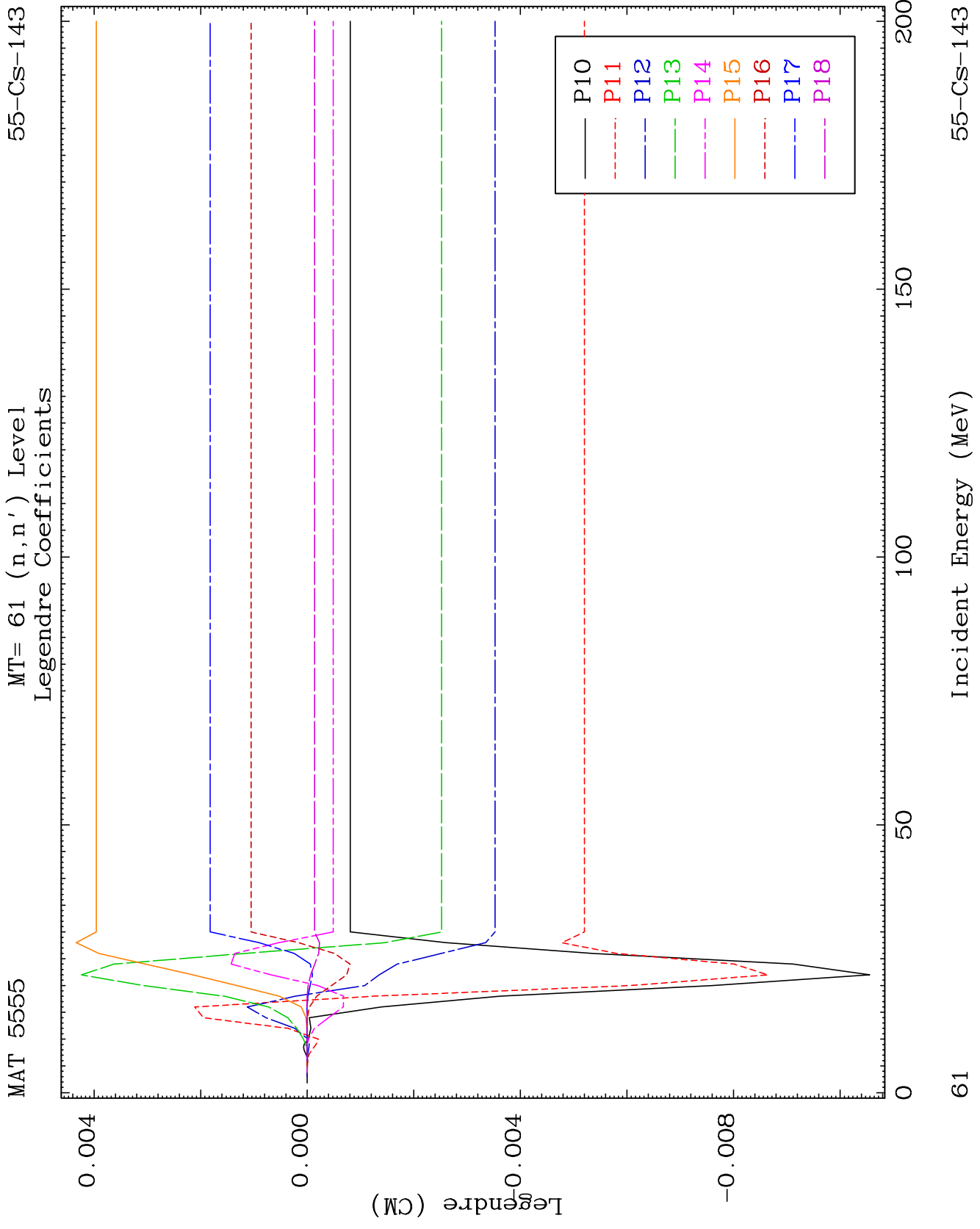
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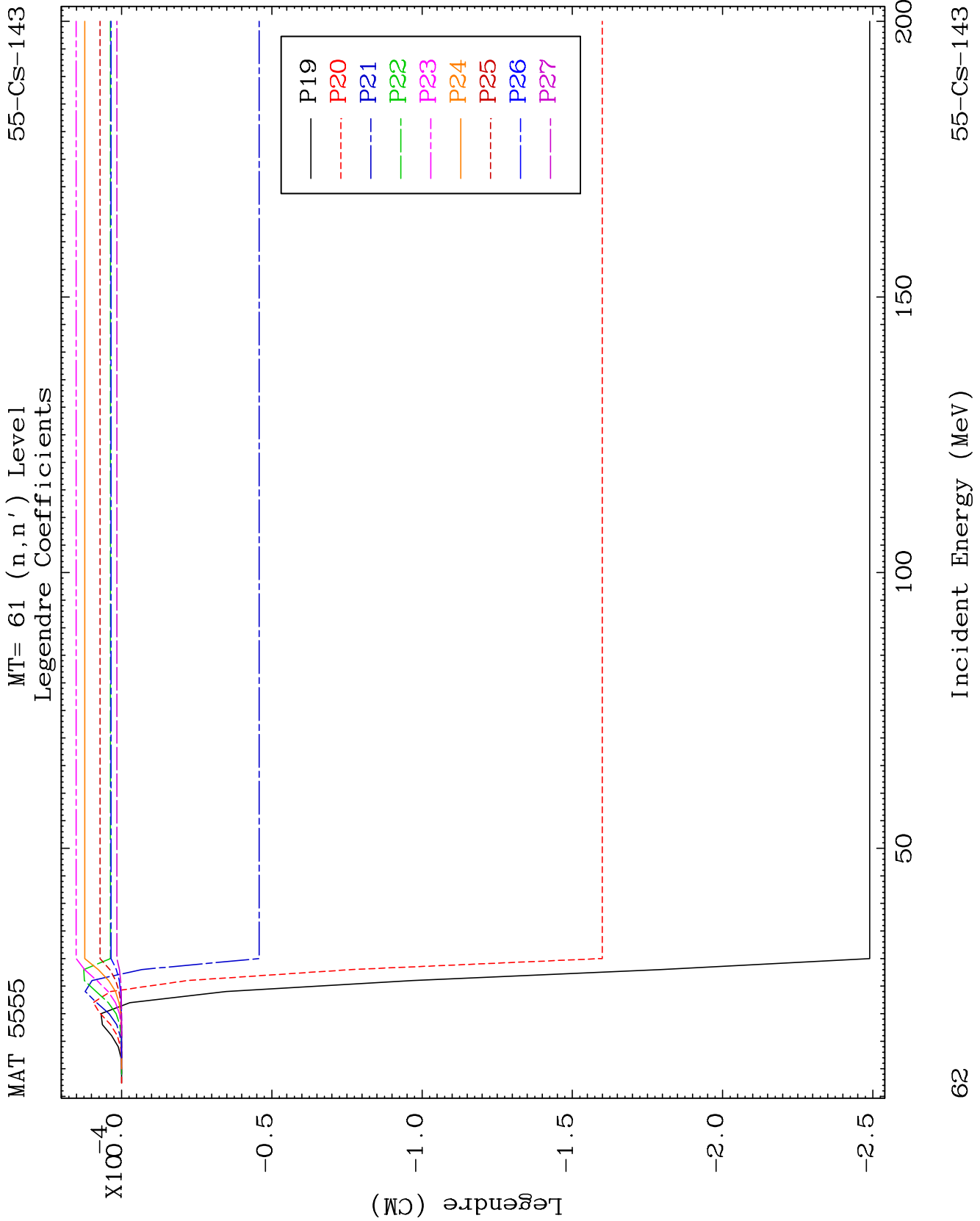


55-Cs-143

Incident Energy (MeV)

60

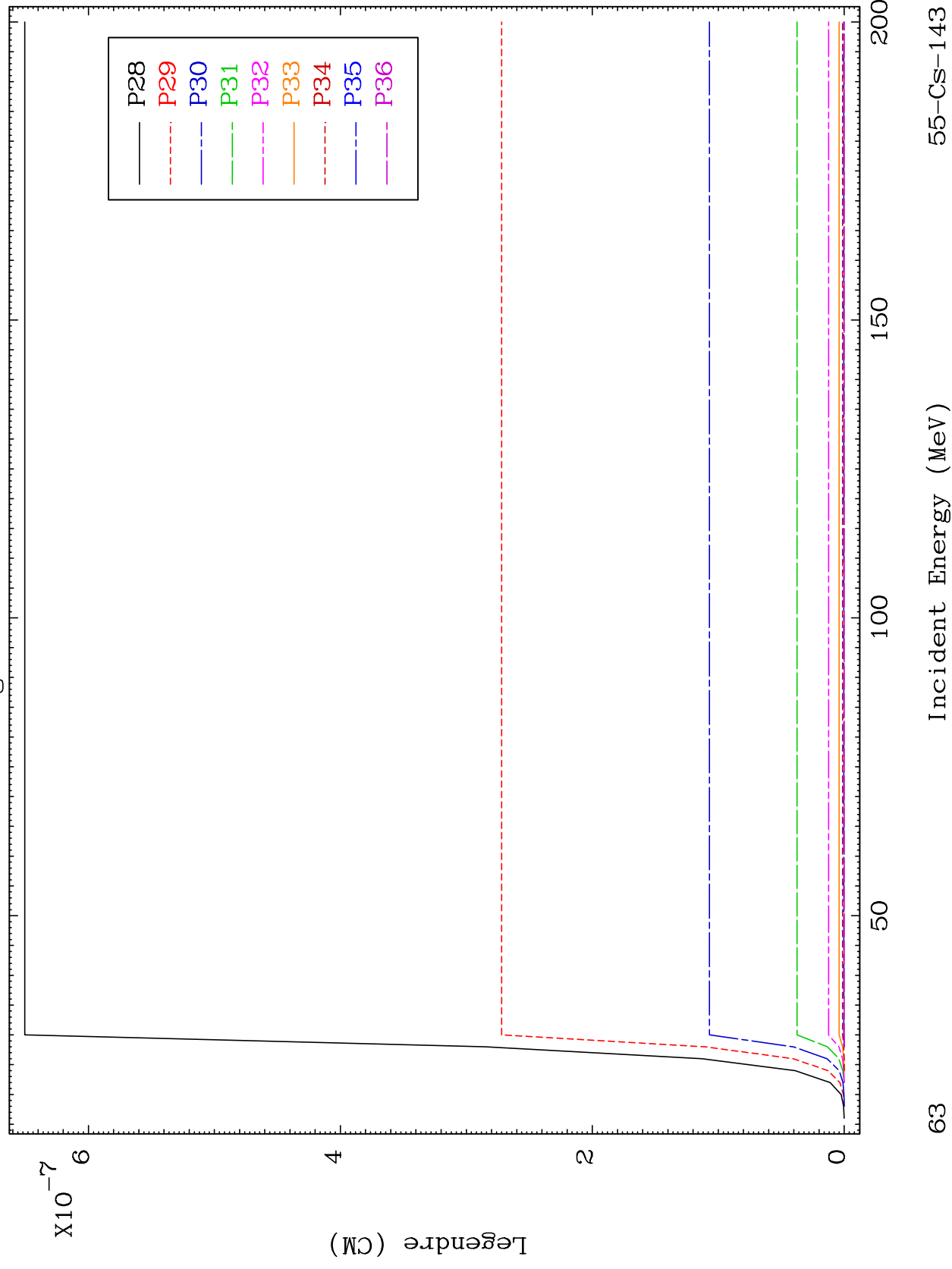




MAT 5555

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

55-Cs-143



63

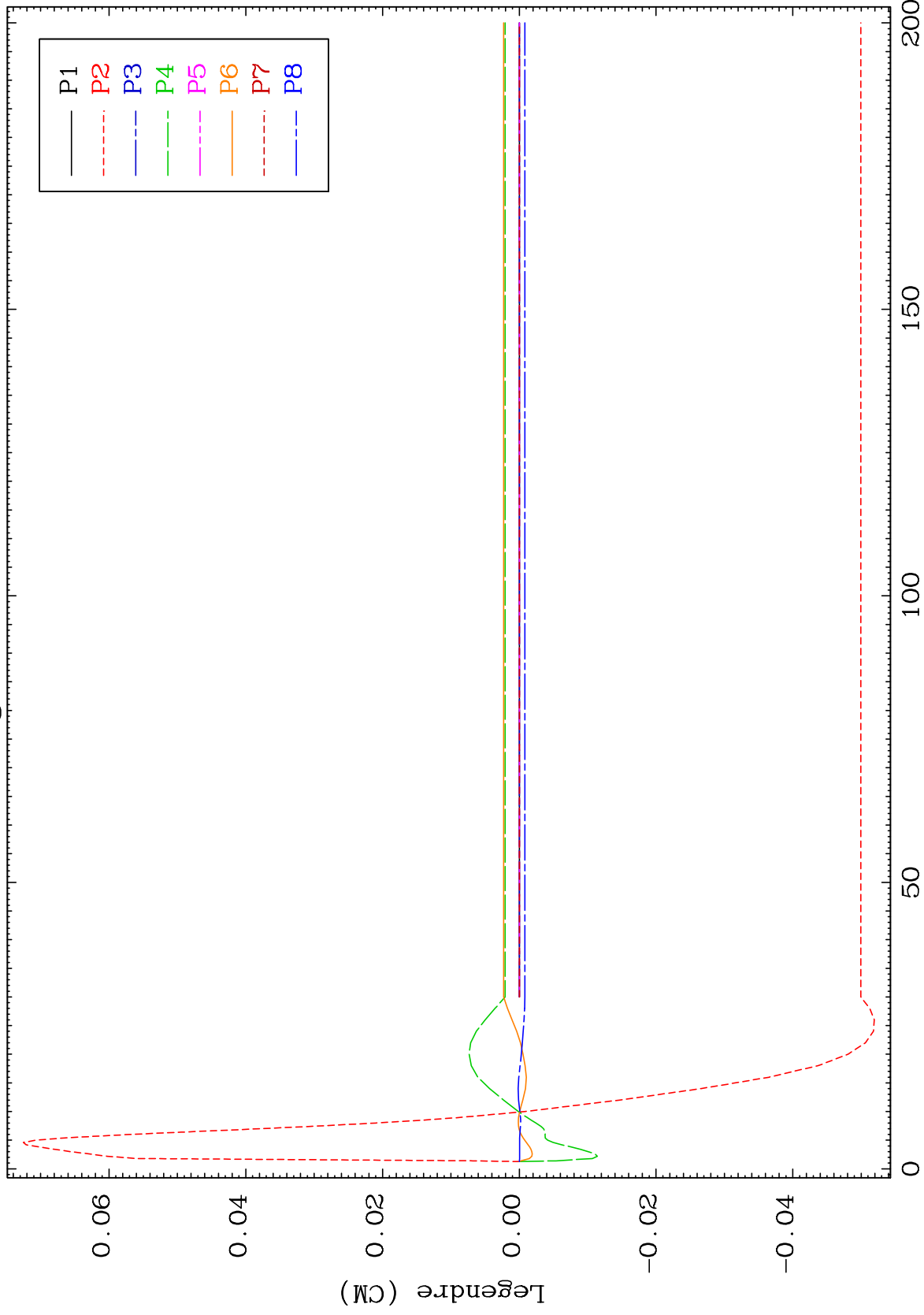
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



64

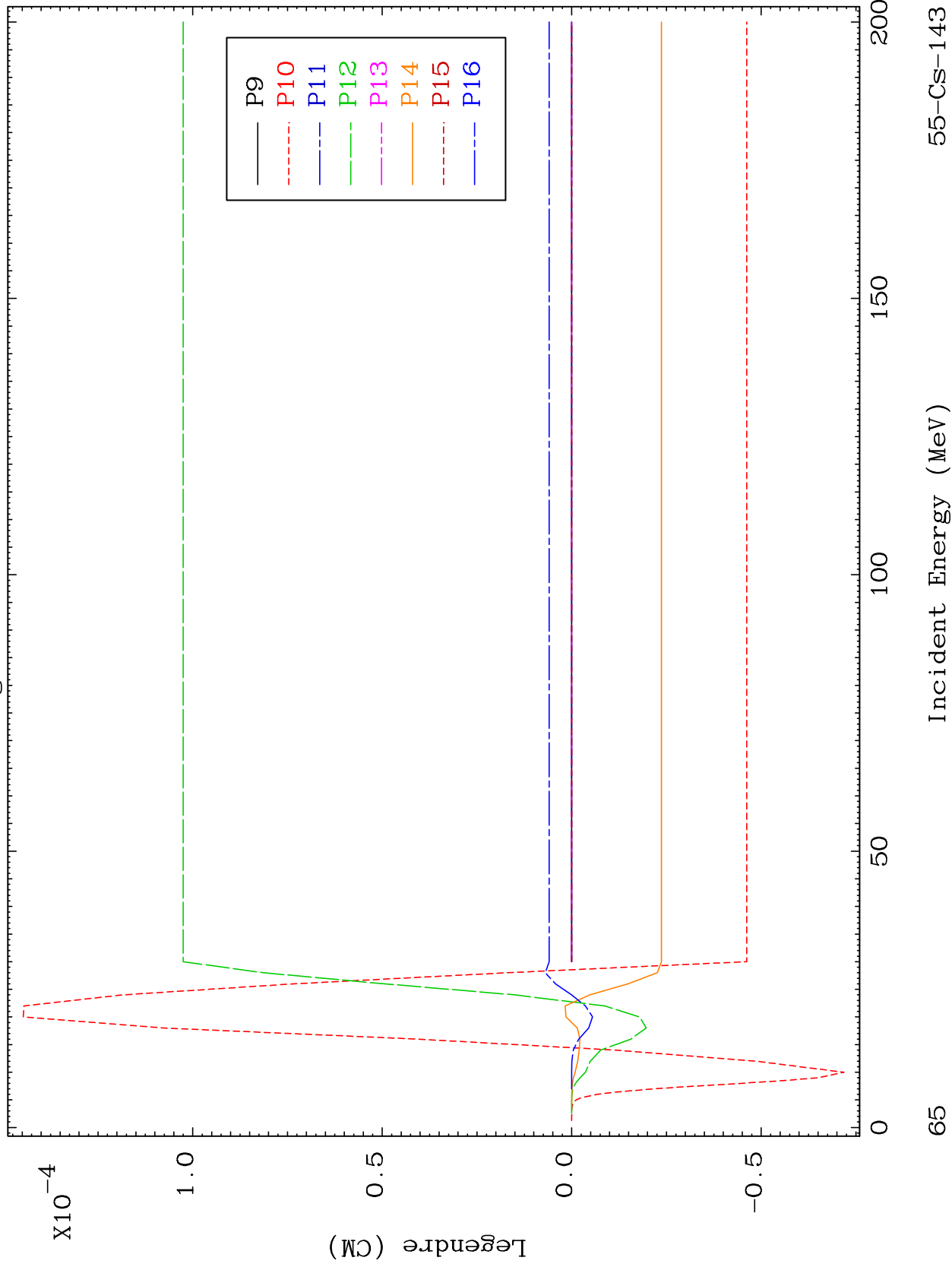
Incident Energy (MeV)

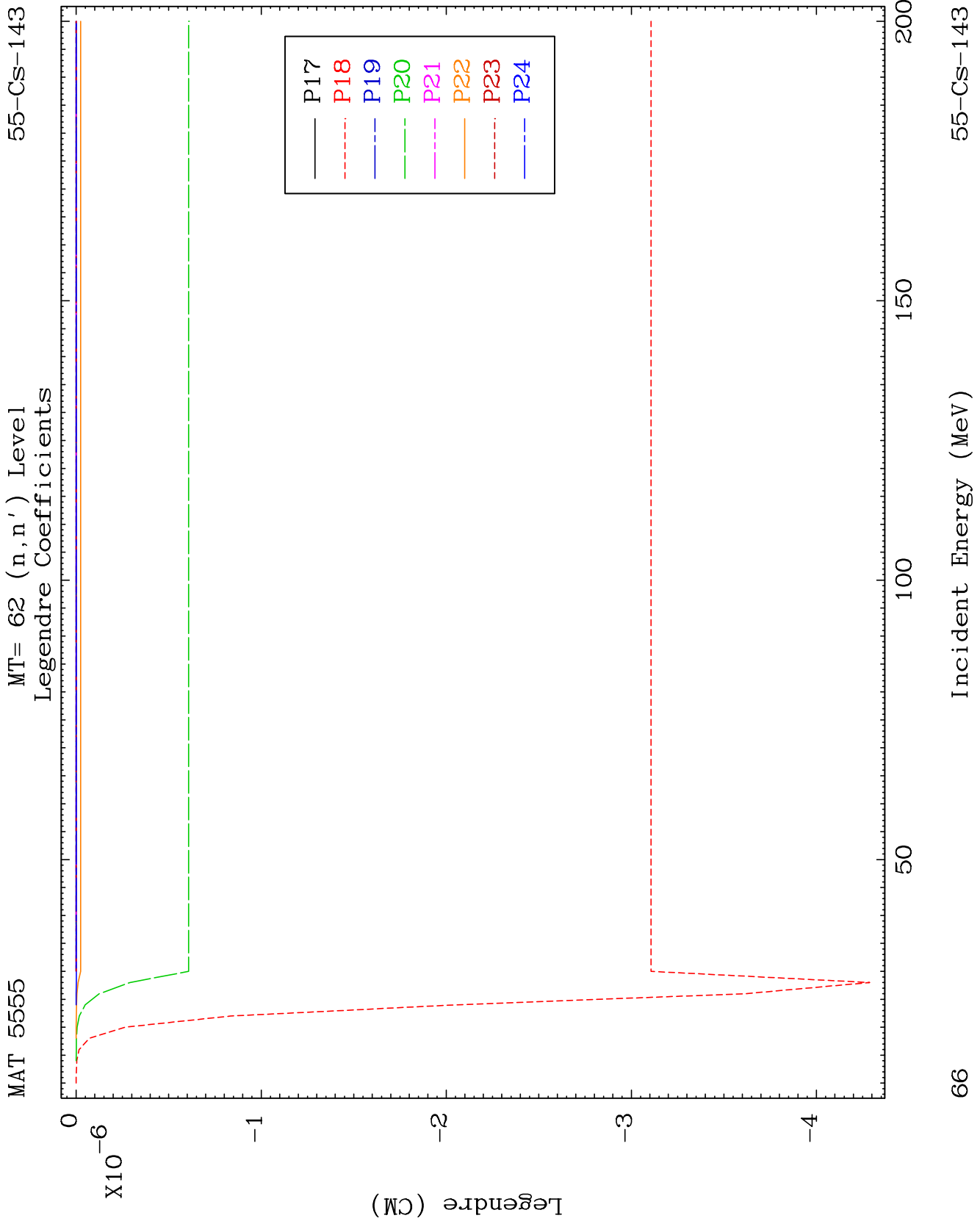
55-Cs-143

MAT 5555

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

55-Cs-143

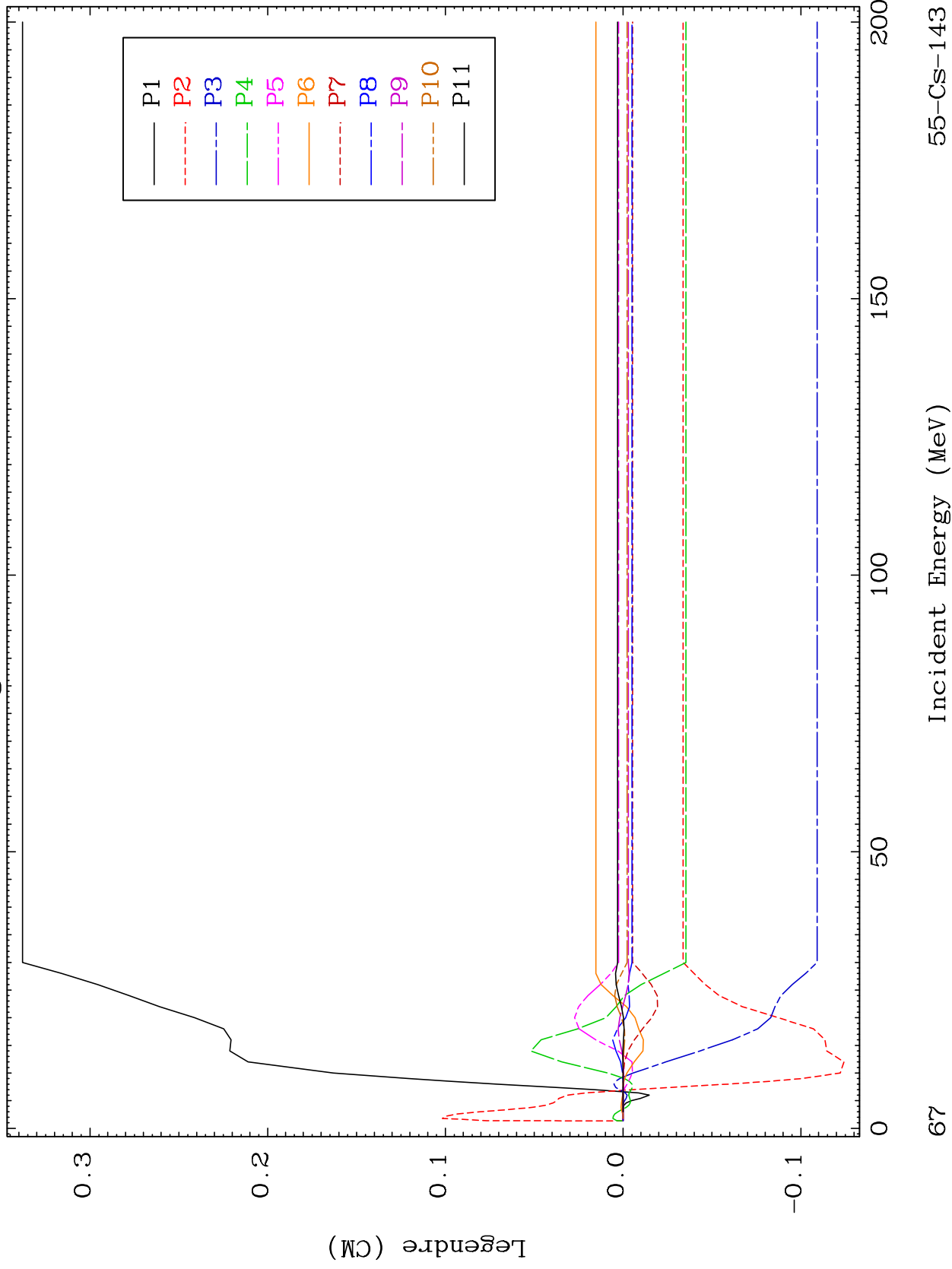




MAT 5555

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

55-Cs-143



55-Cs-143

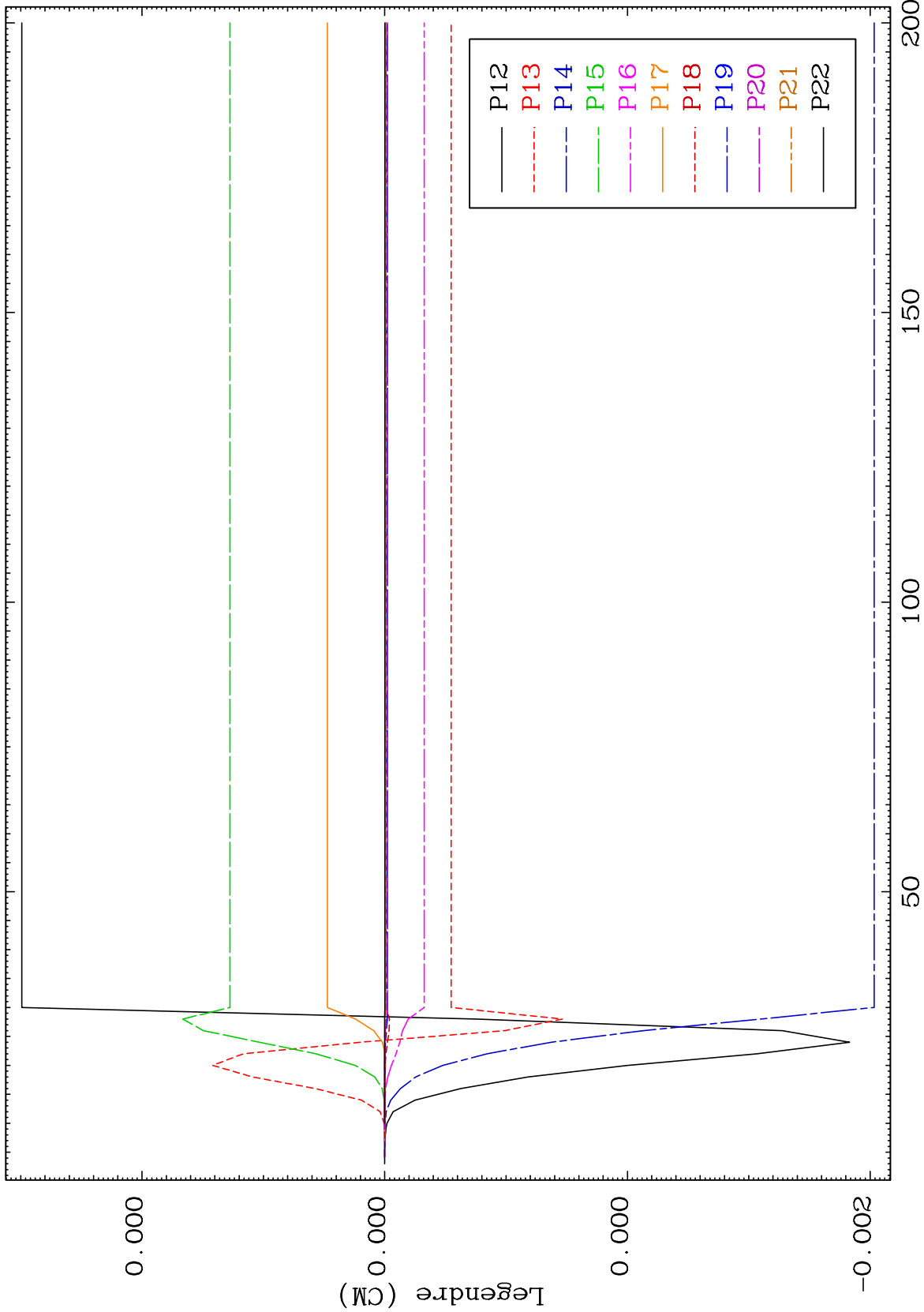
Incident Energy (MeV)

67

MAT 5555

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

55-Cs-143



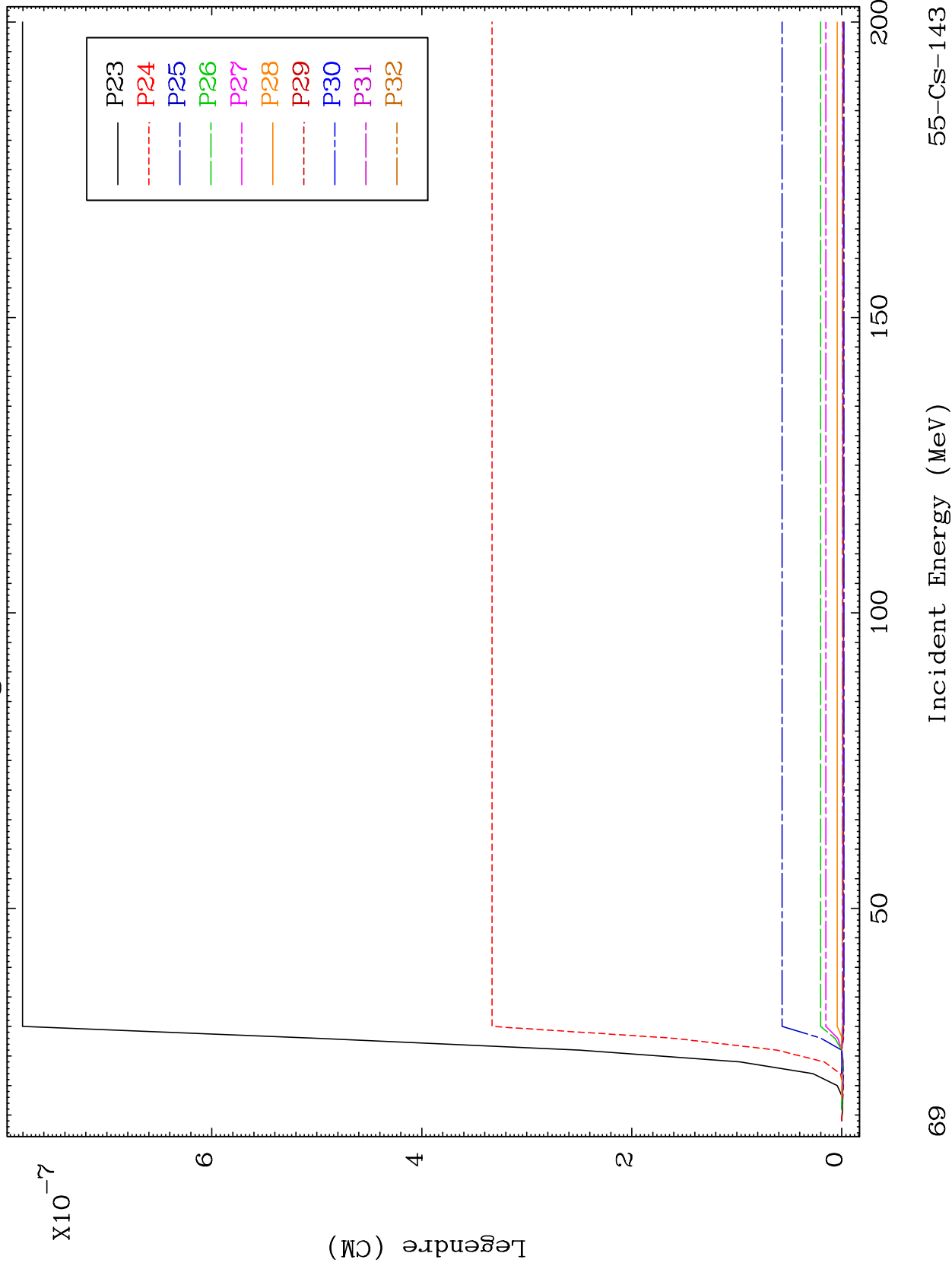
68

55-Cs-143

MAT 5555

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

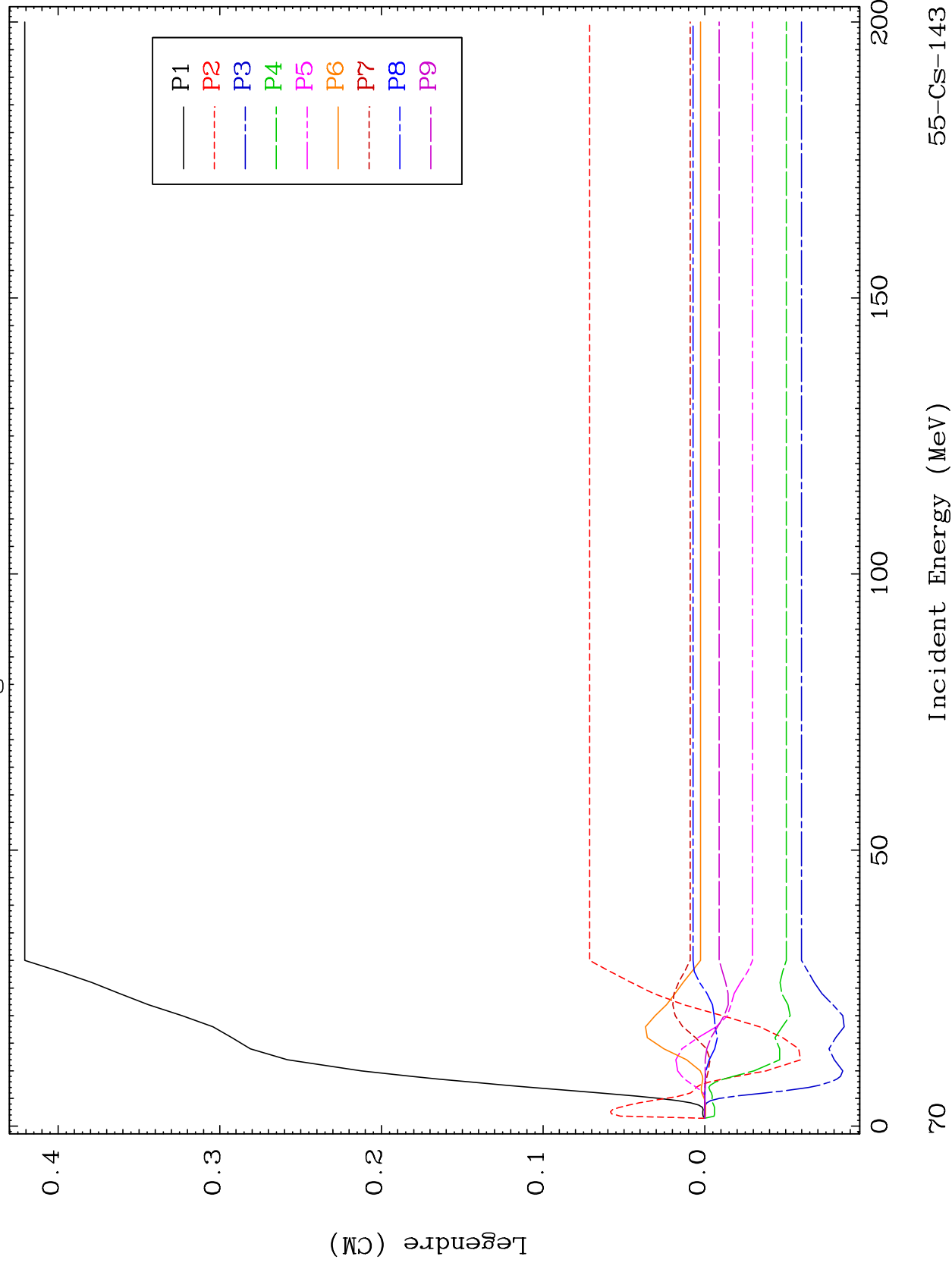
55-Cs-143



MAT 5555

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

55-Cs-143



55-Cs-143

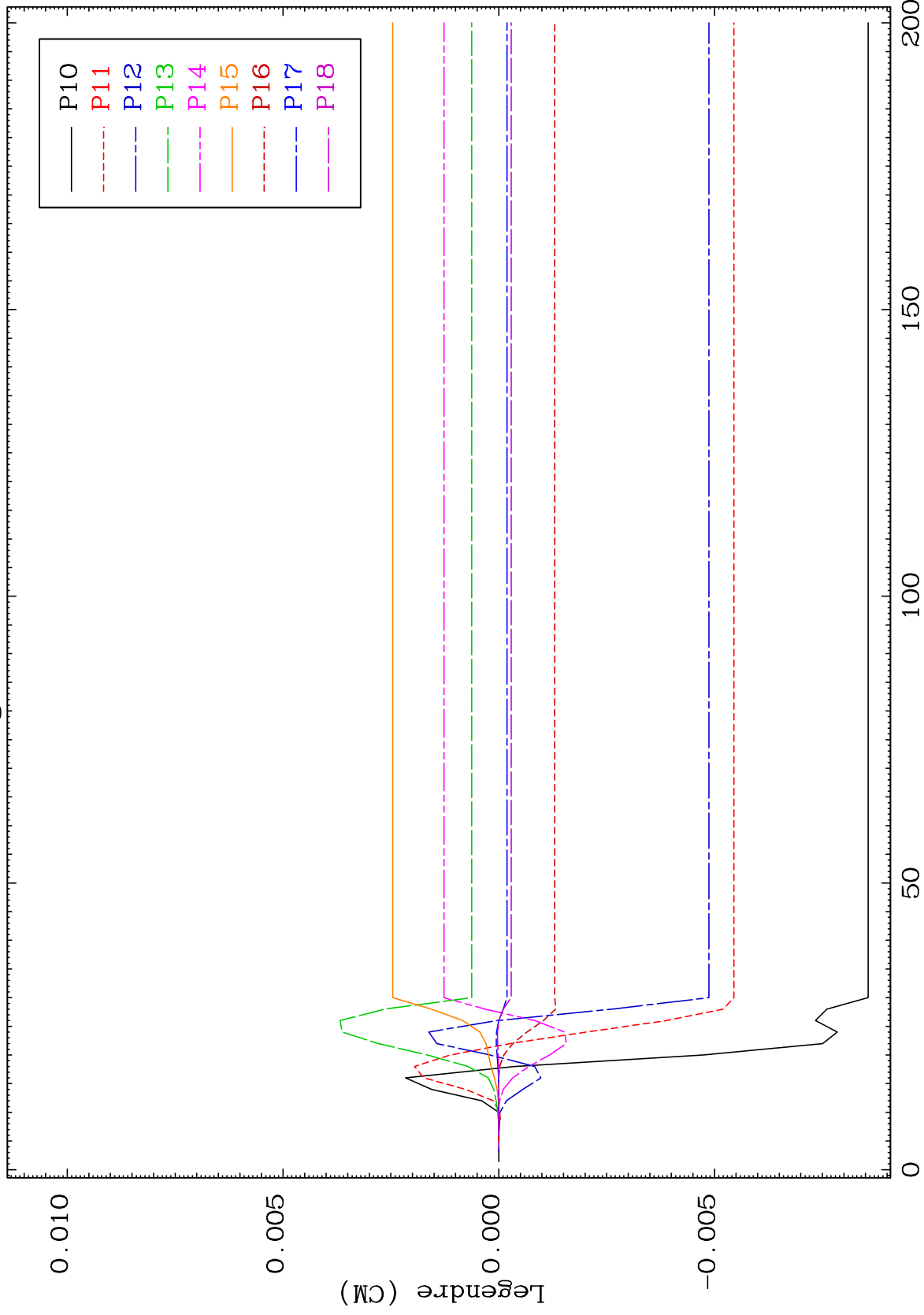
Incident Energy (MeV)

70

MAT 5555

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

55-Cs-143



71

Incident Energy (MeV)

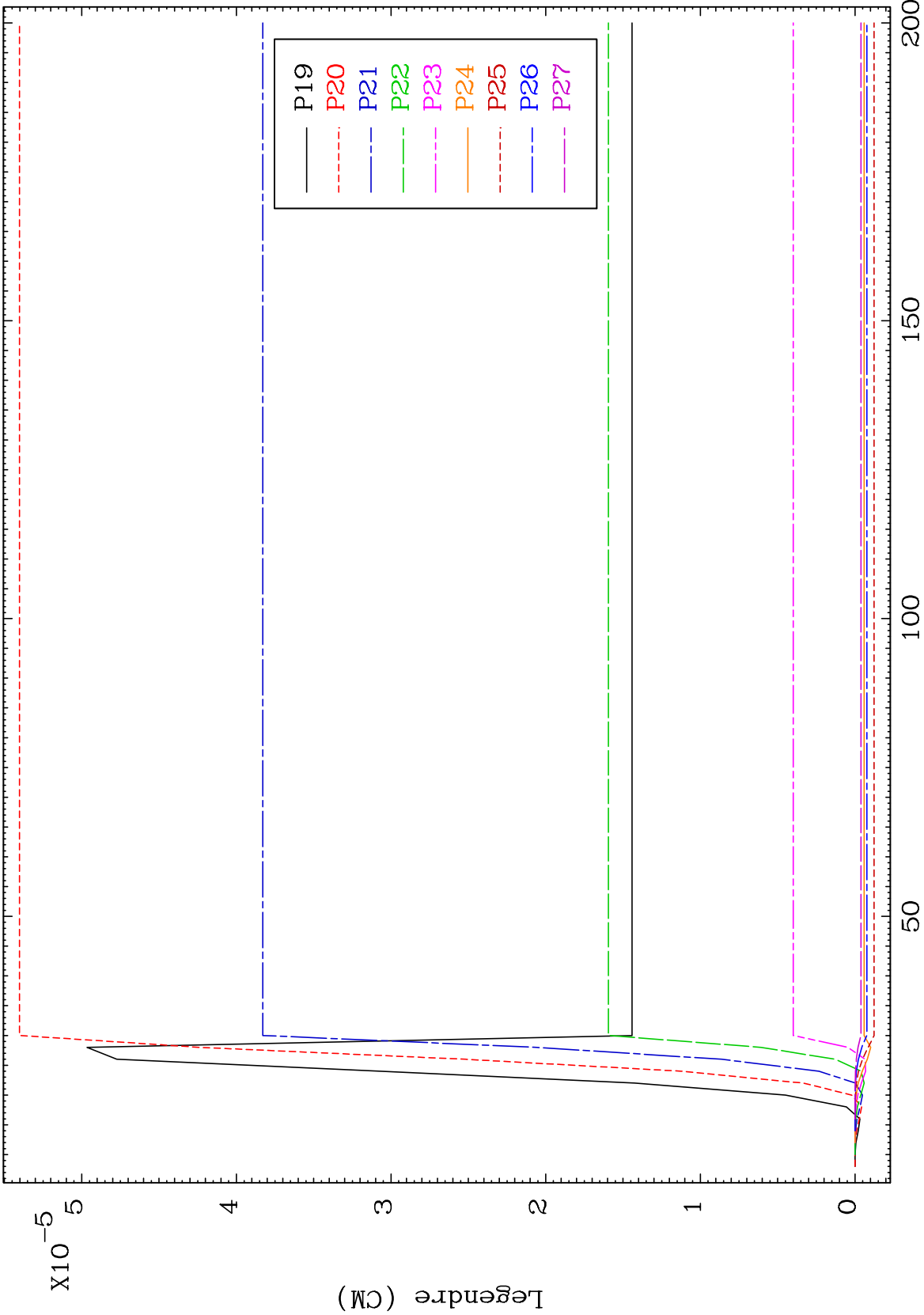
55-Cs-143

MAT 5555

MT= 64 (n,n') Level

55-Cs-143

Legendre Coefficients



55-Cs-143

Incident Energy (MeV)

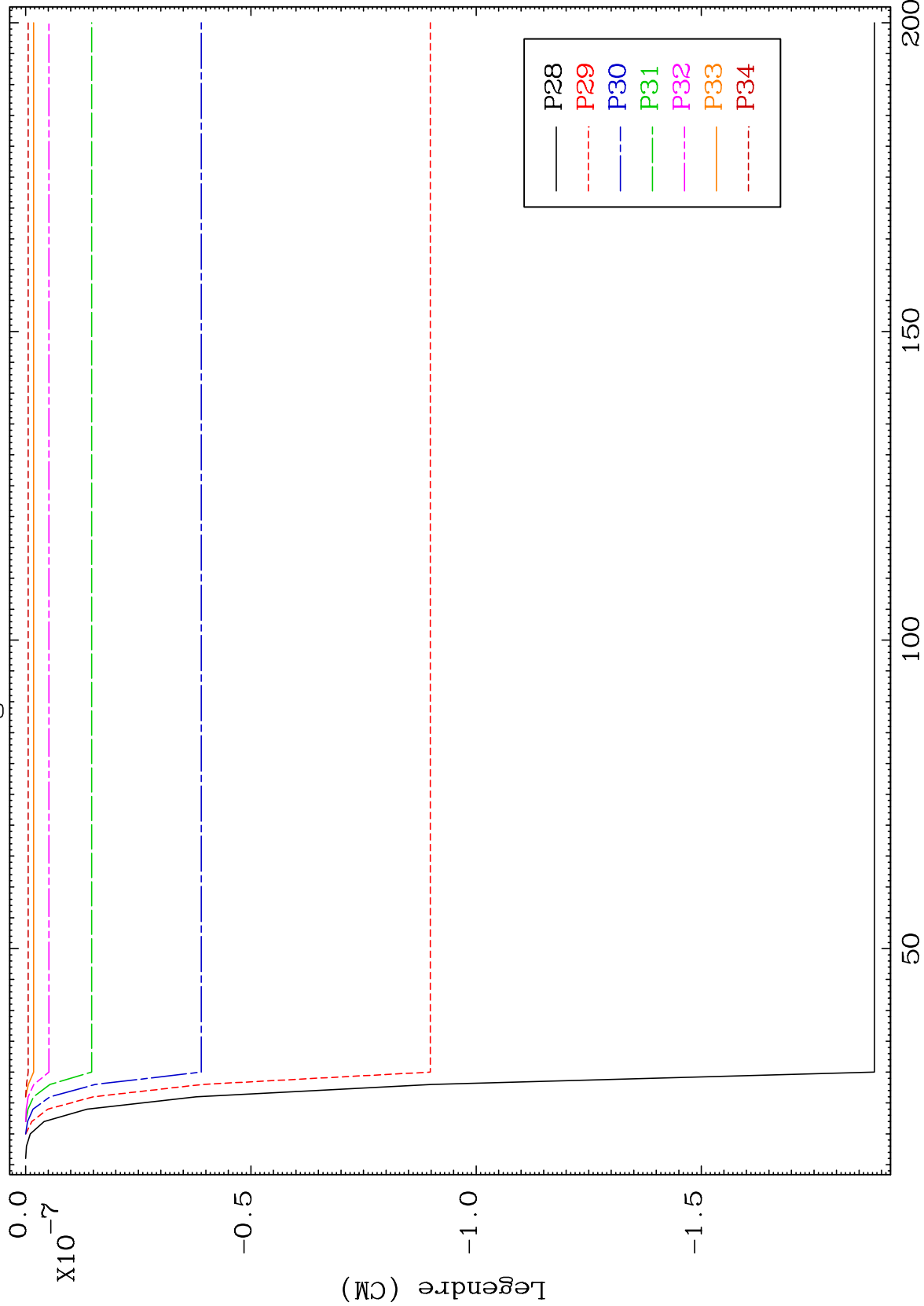
72

MAT 5555

MT= 64 (n,n') Level

55-Cs-143

Legendre Coefficients



55-Cs-143

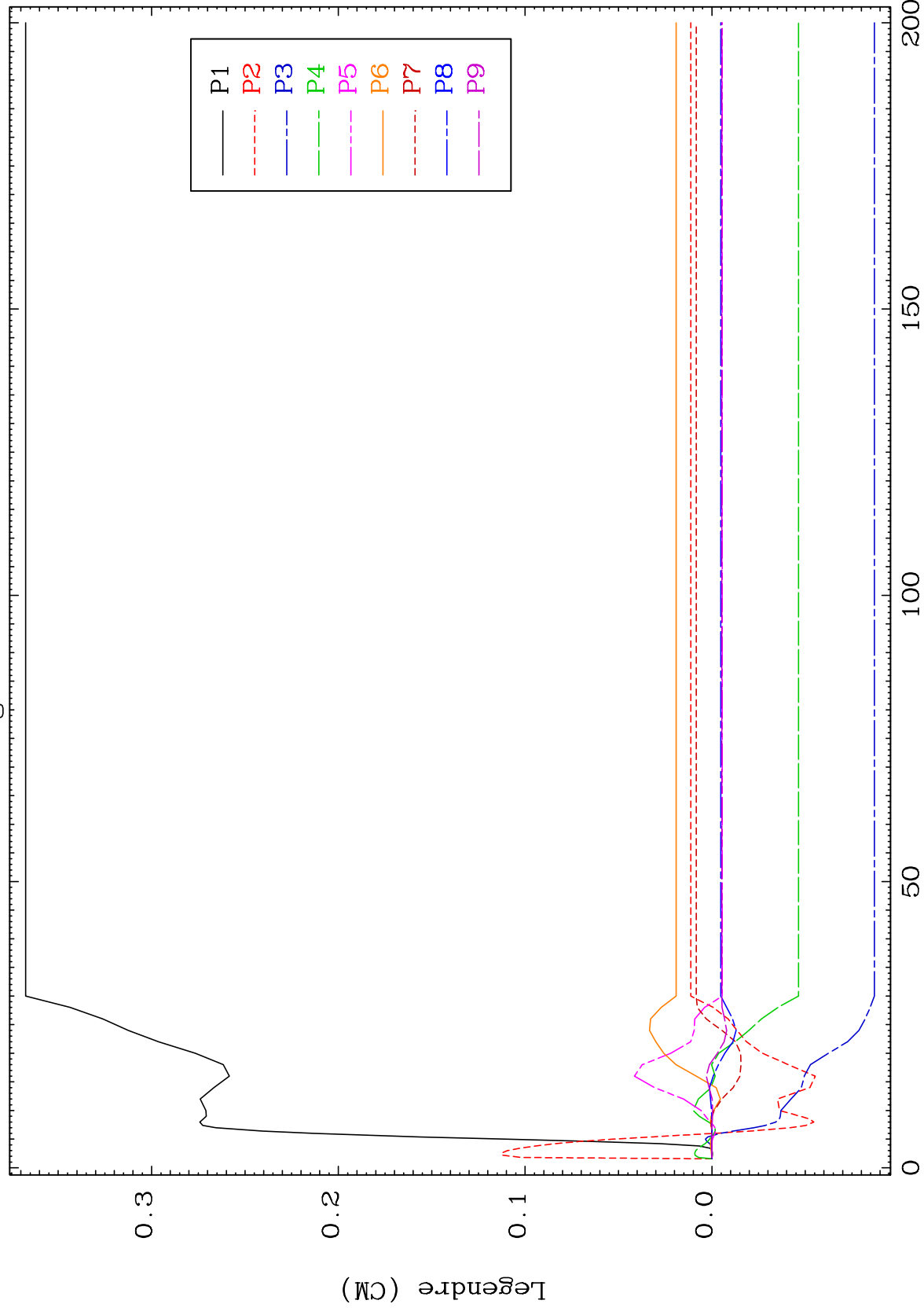
Incident Energy (MeV)

73

MAT 5555

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

55-Cs-143



74

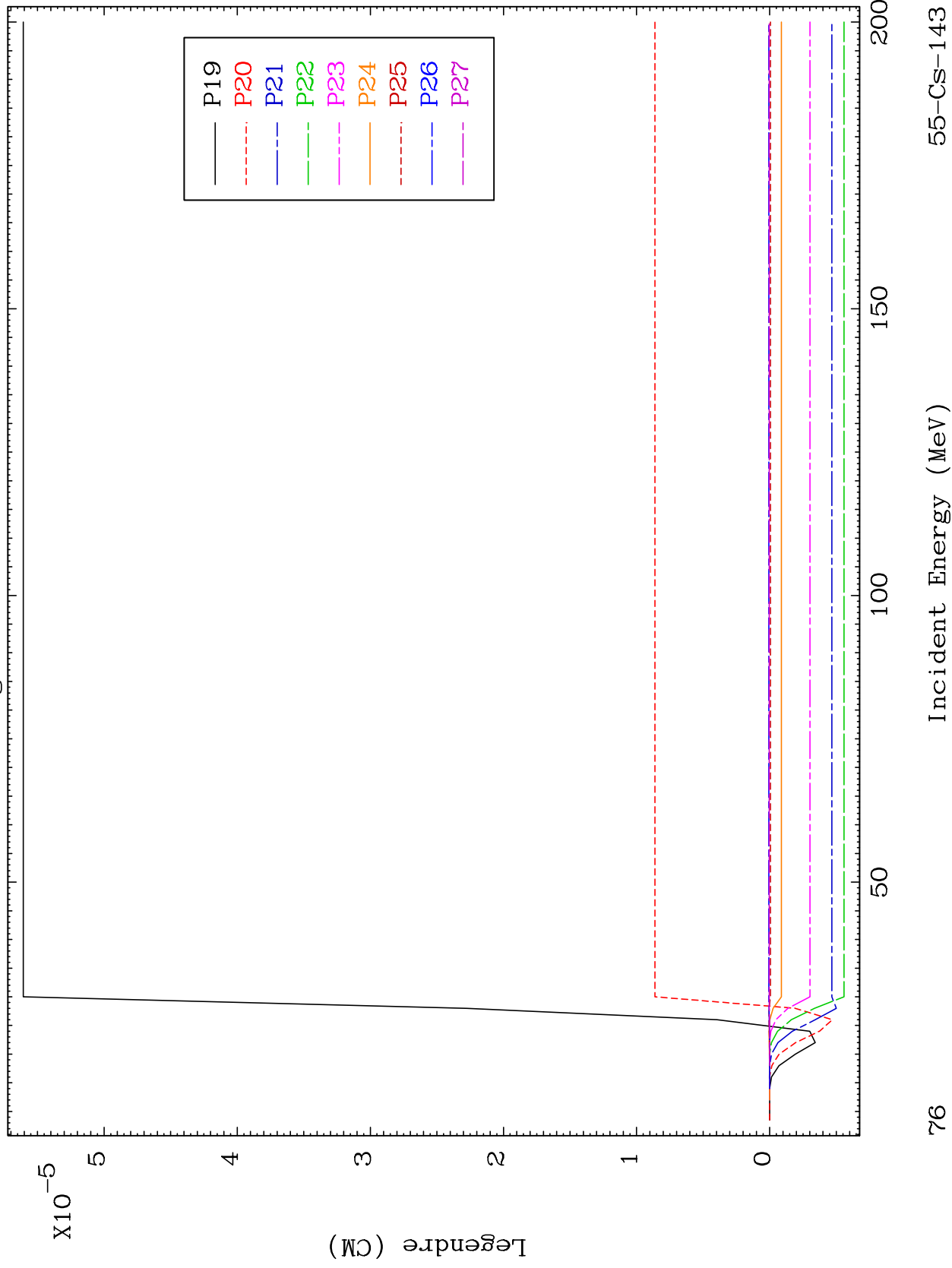
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



76

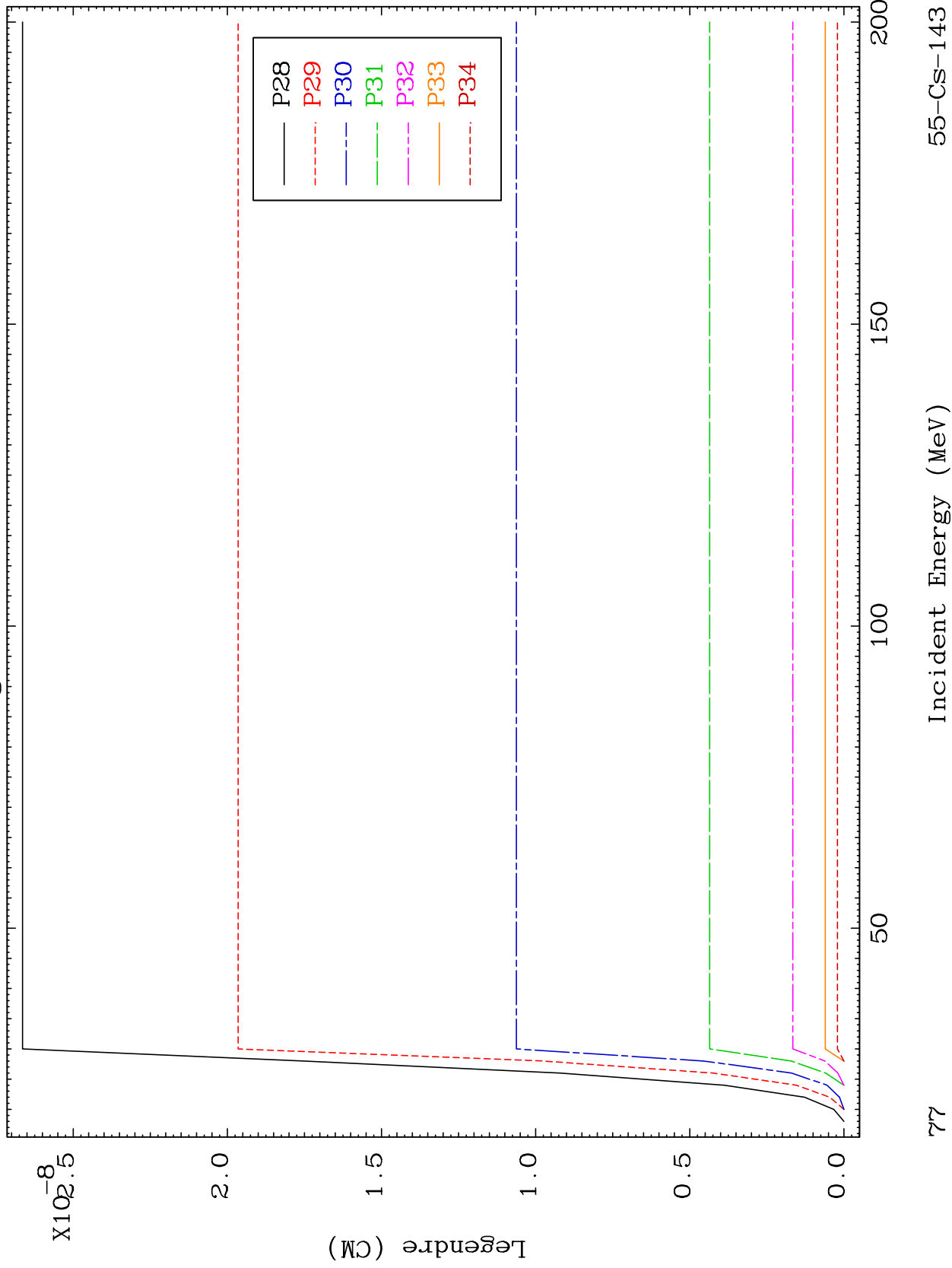
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

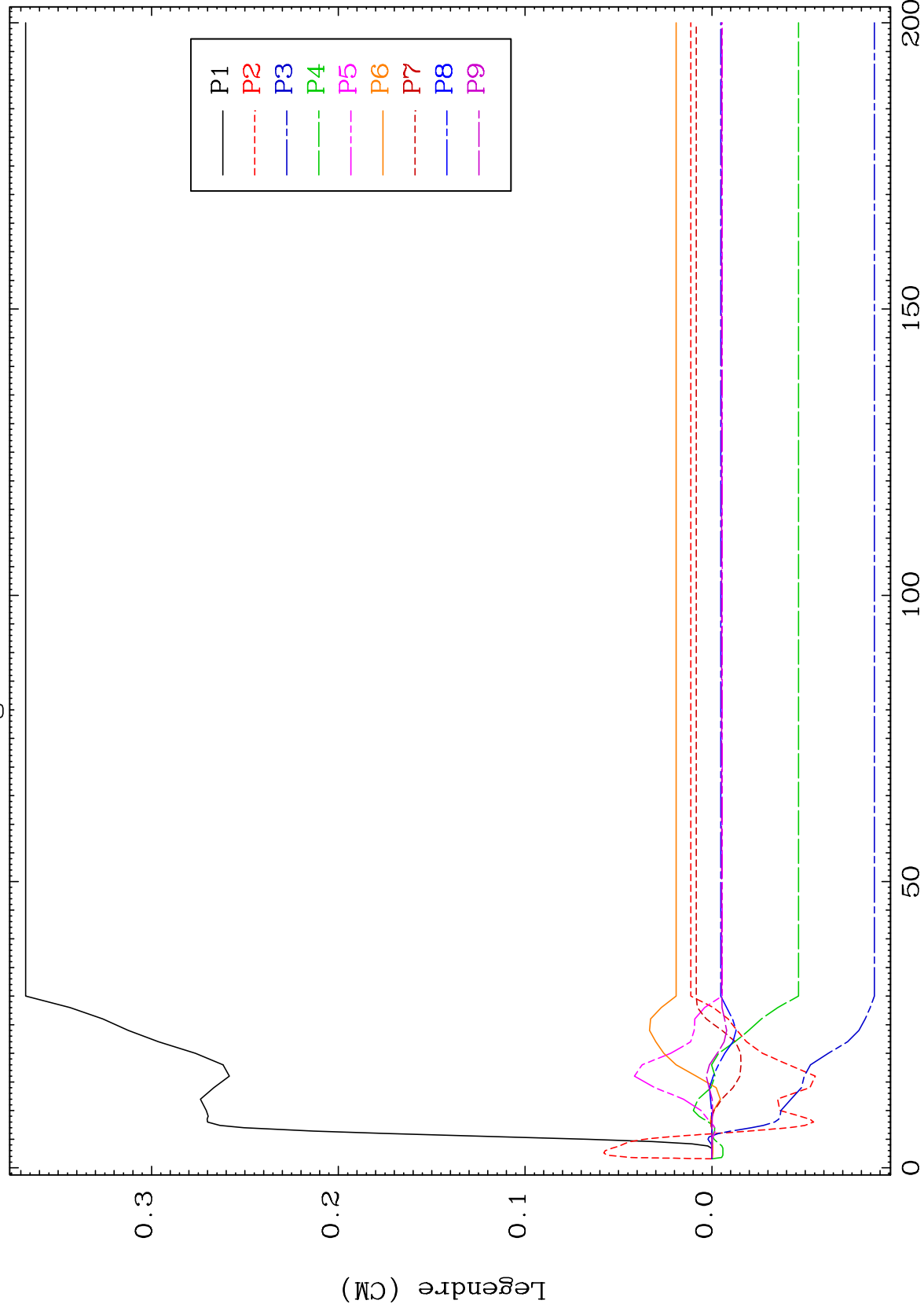
55-Cs-143



MAT 5555

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

55-Cs-143



78

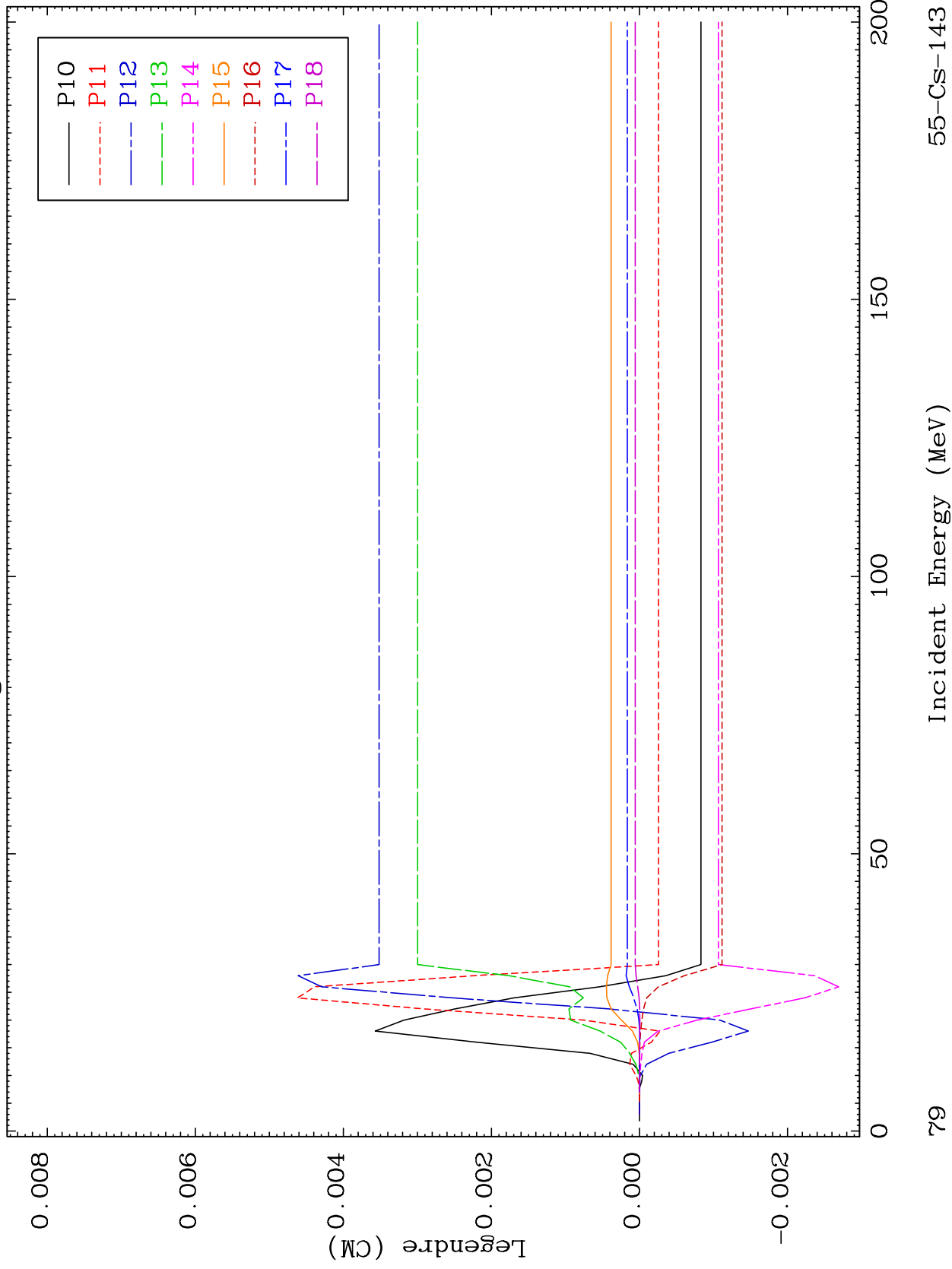
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



79

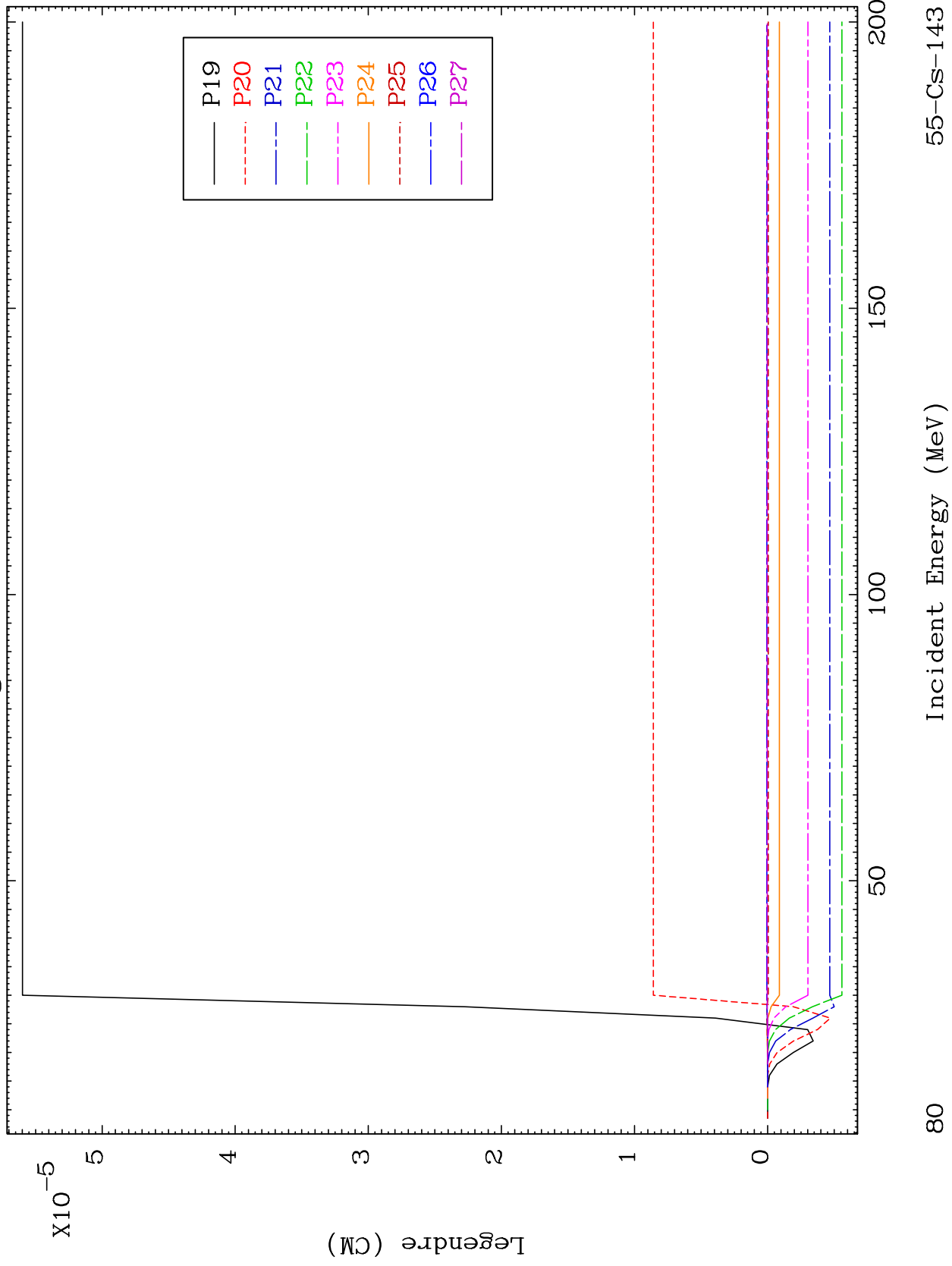
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



80

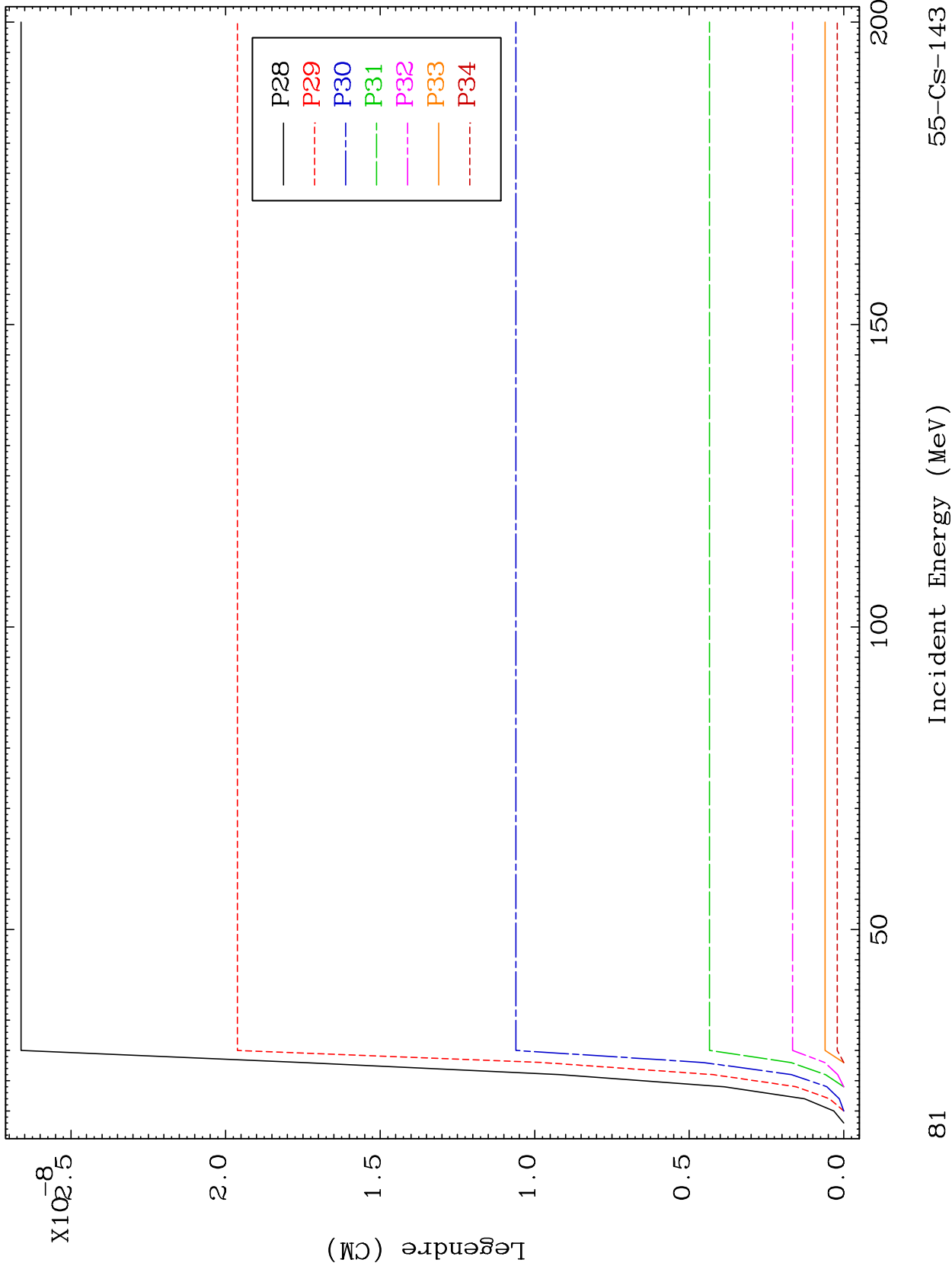
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



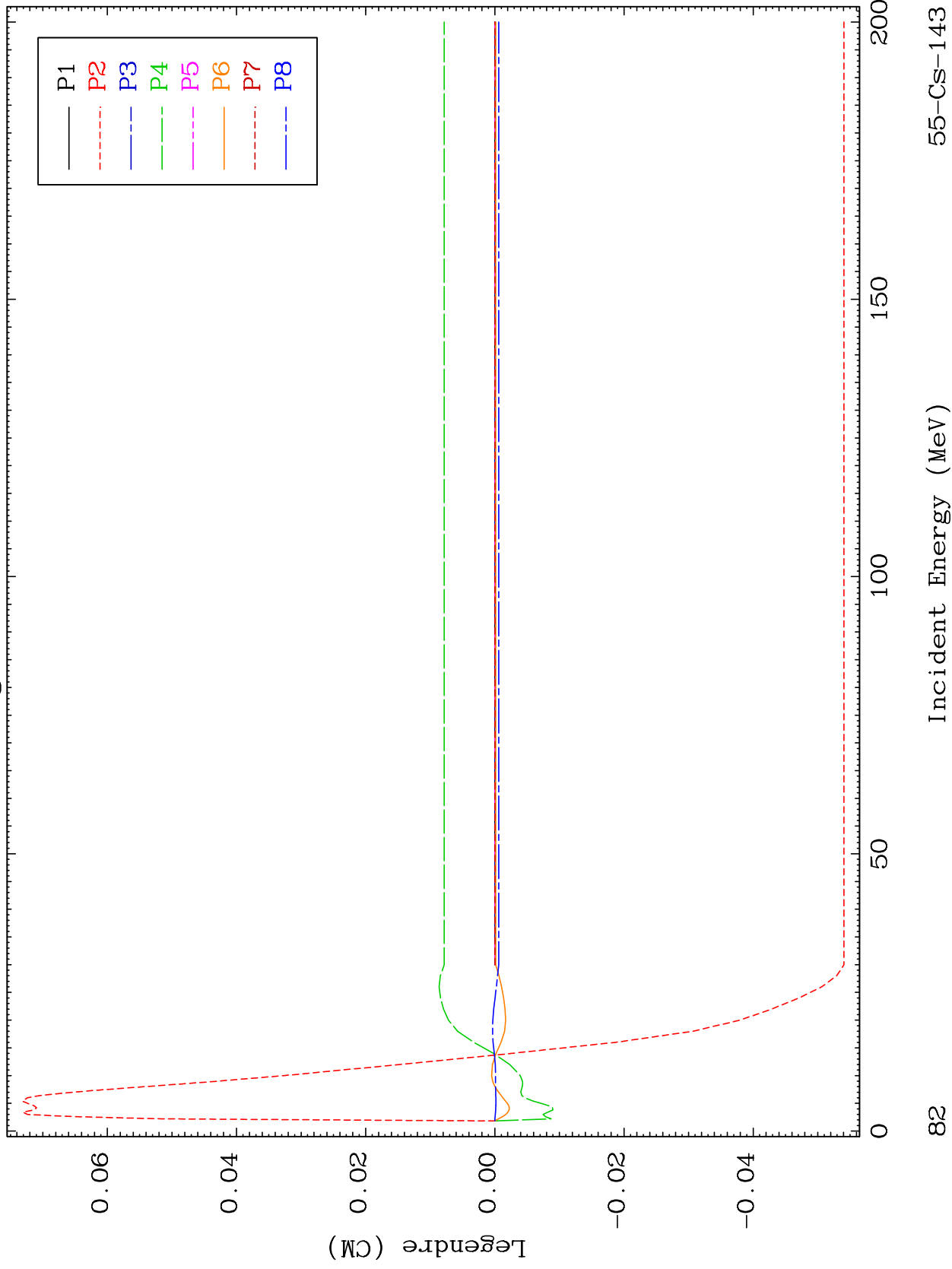
81

55-Cs-143

MAT 5555

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

55-Cs-143

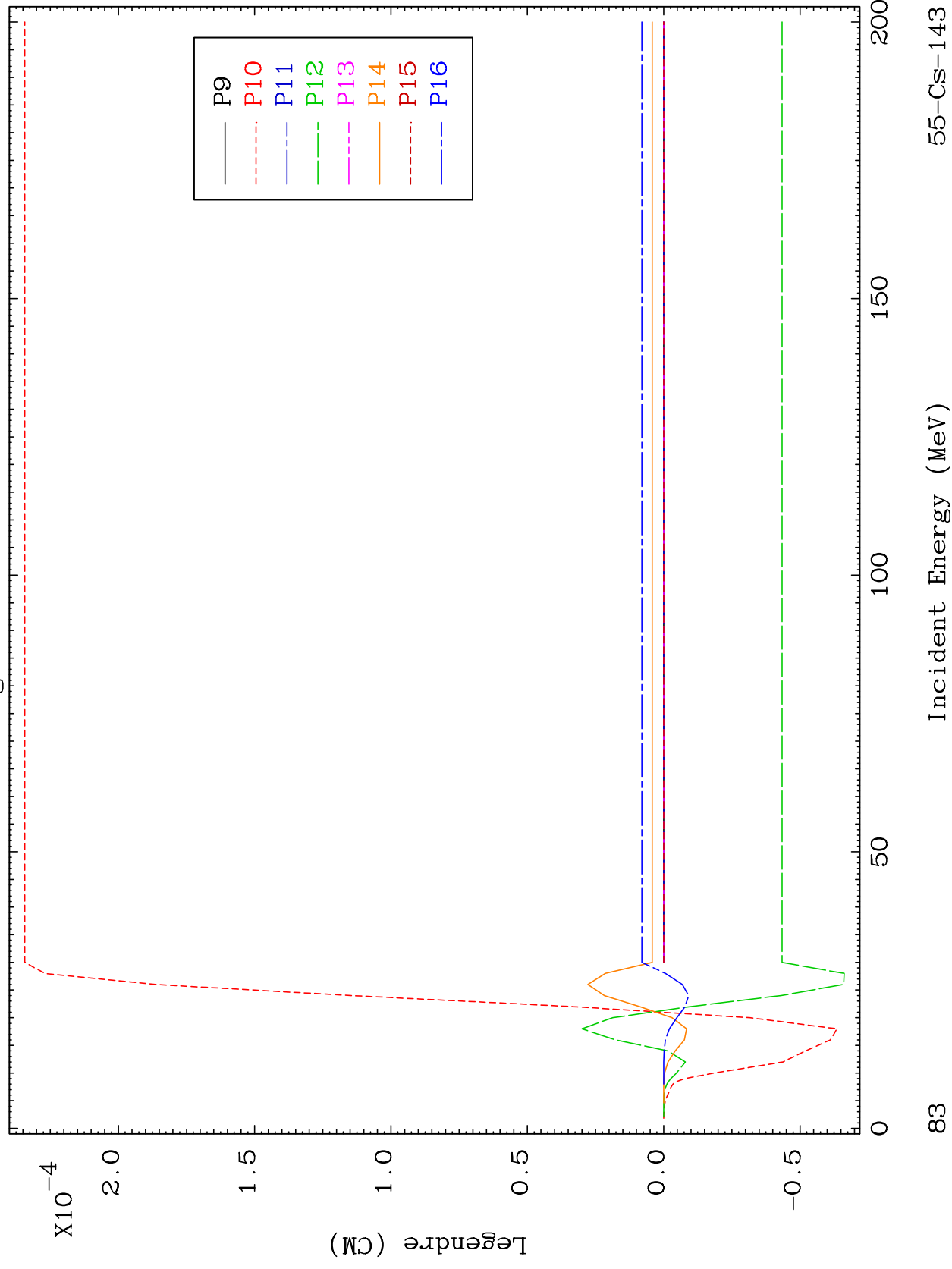


82

MAT 5555

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

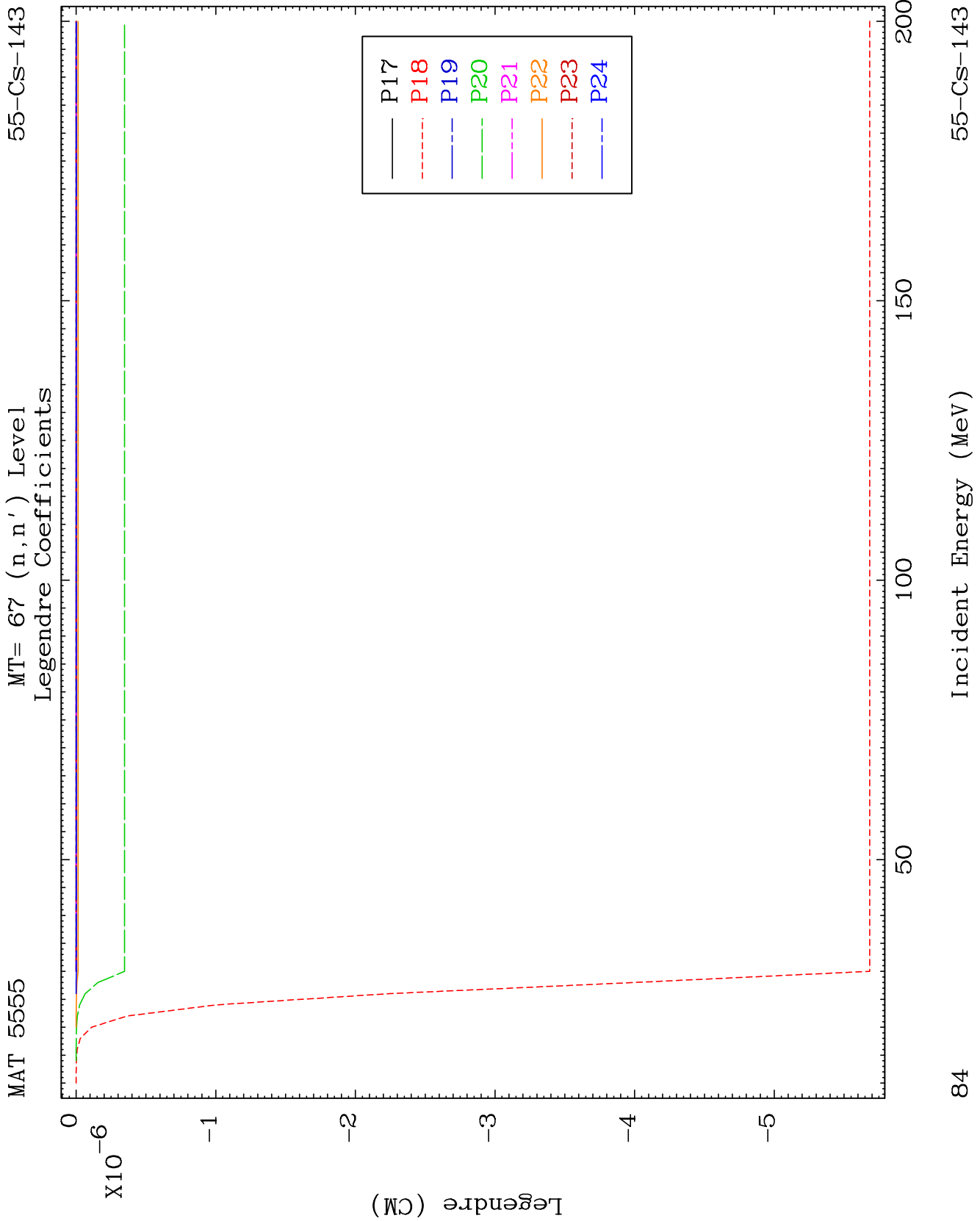
55-Cs-143



83

Incident Energy (MeV)

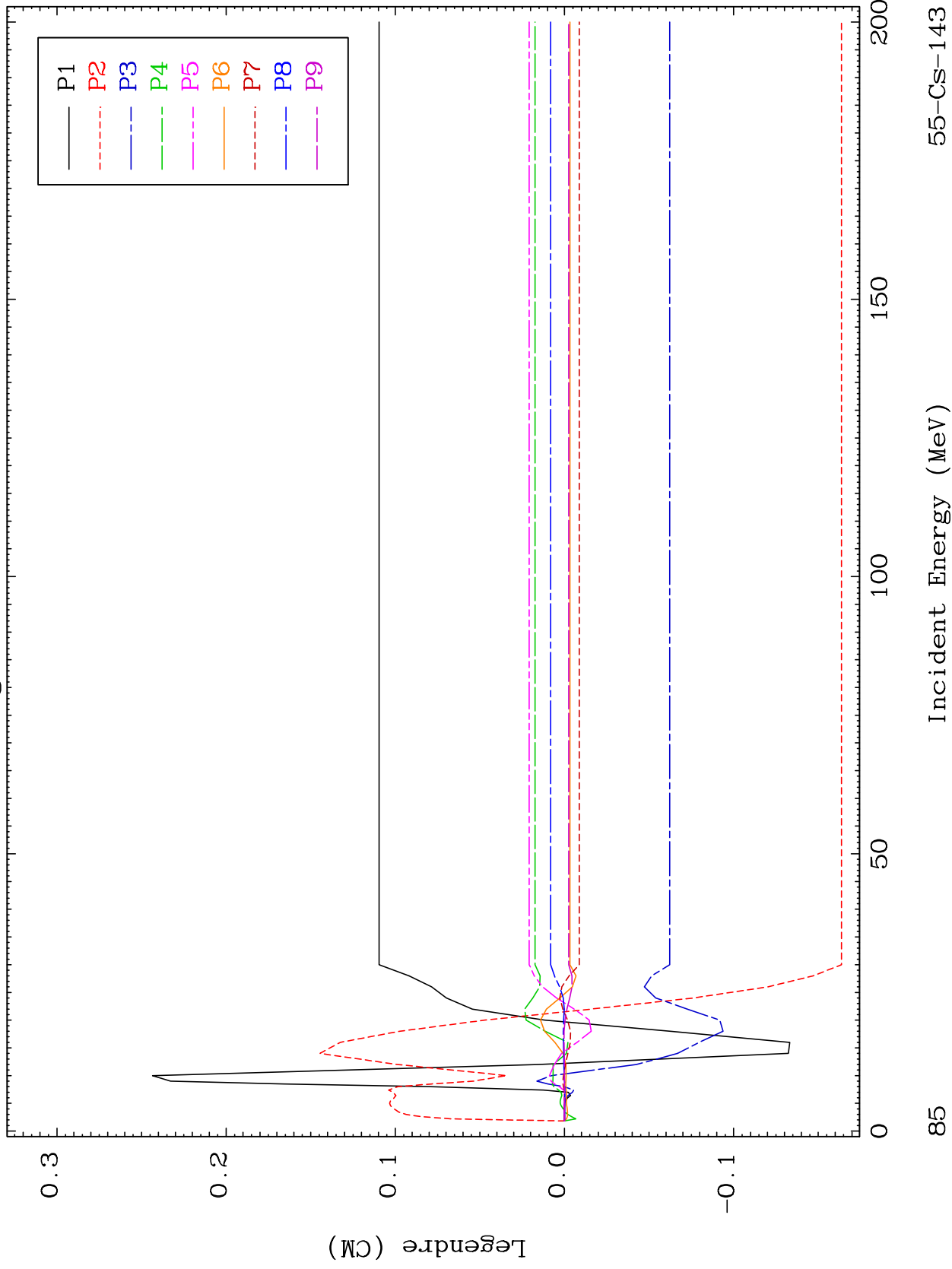
55-Cs-143

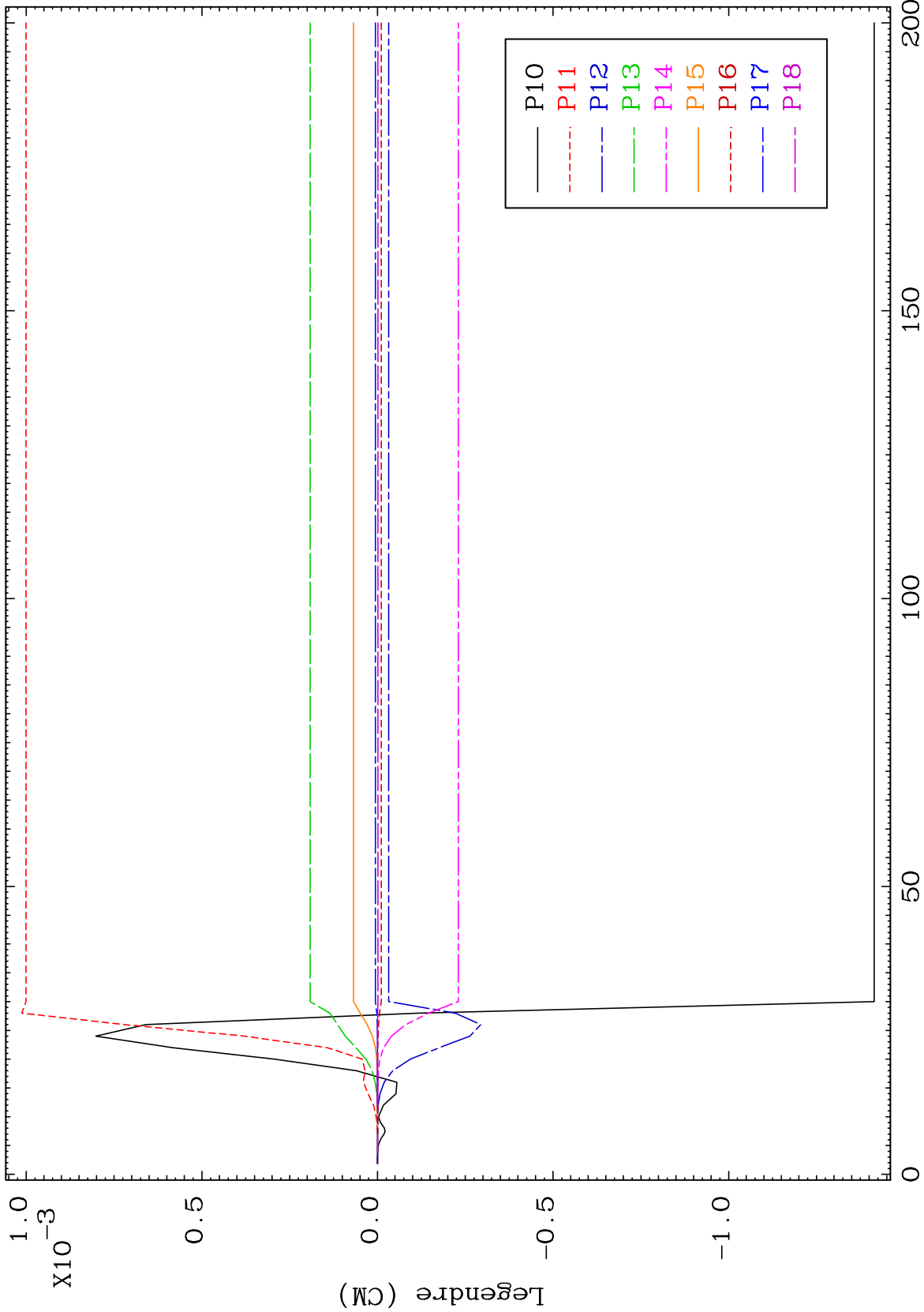


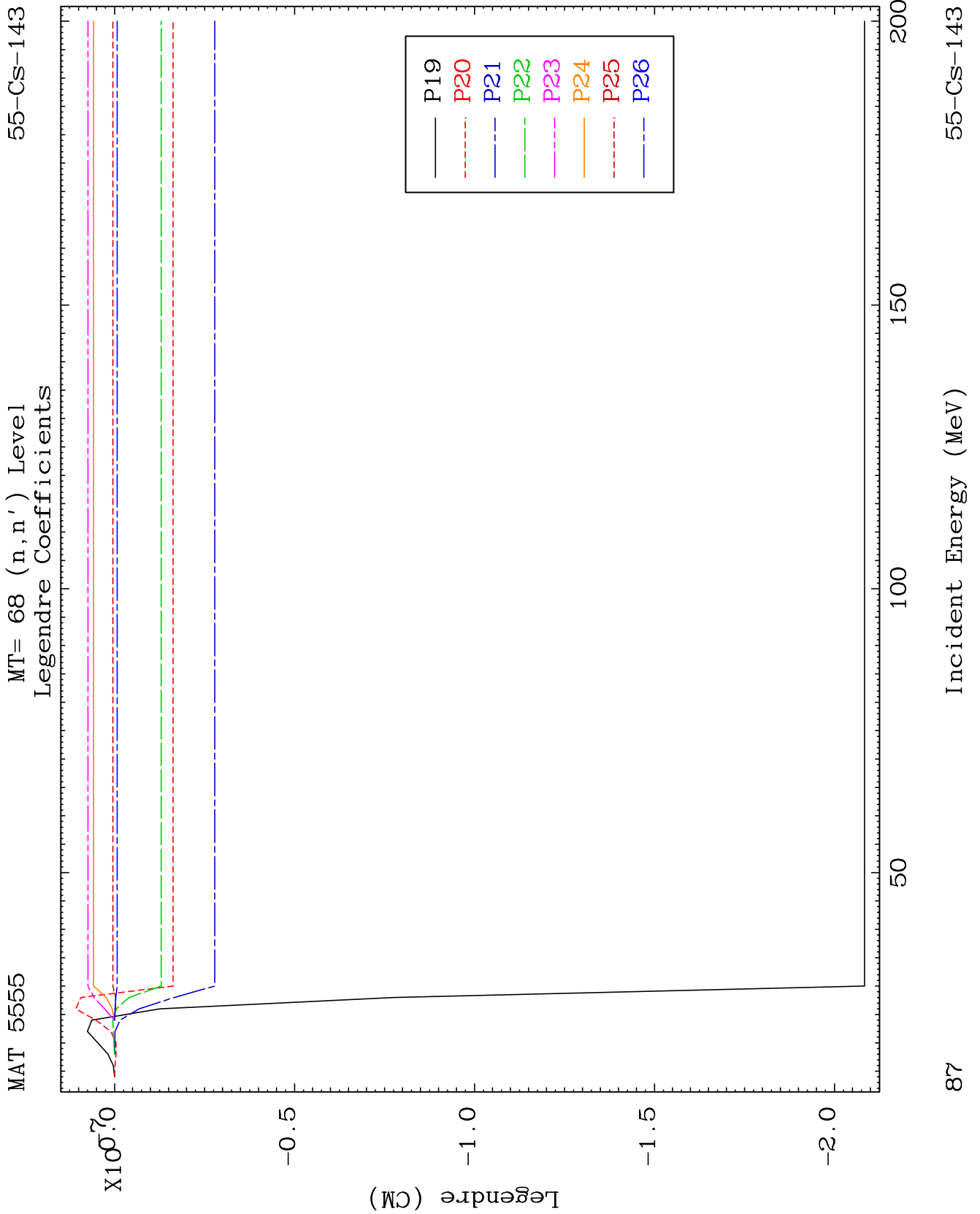
MAT 5555

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

55-Cs-143



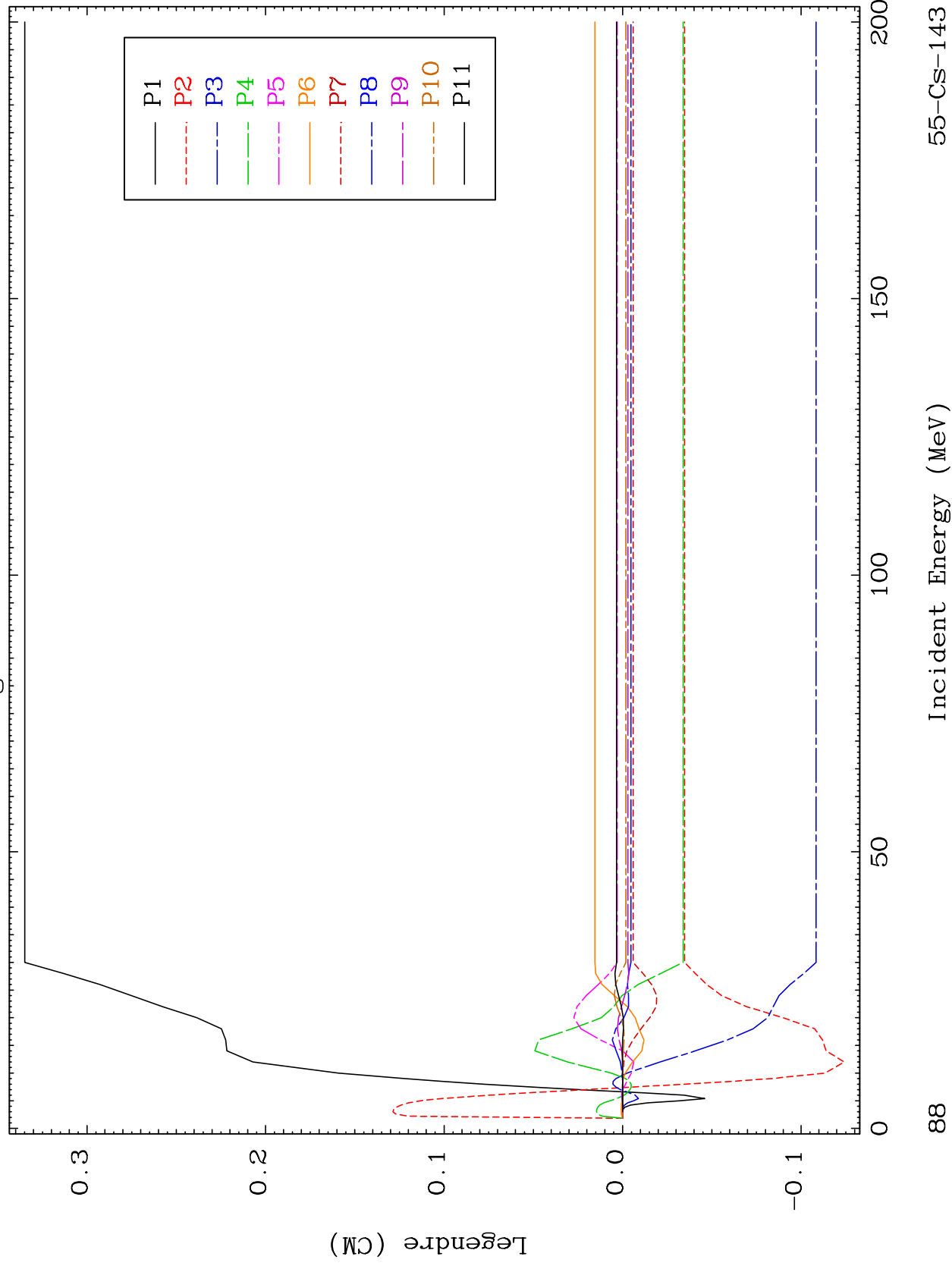




MAT 5555

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

55-Cs-143



55-Cs-143

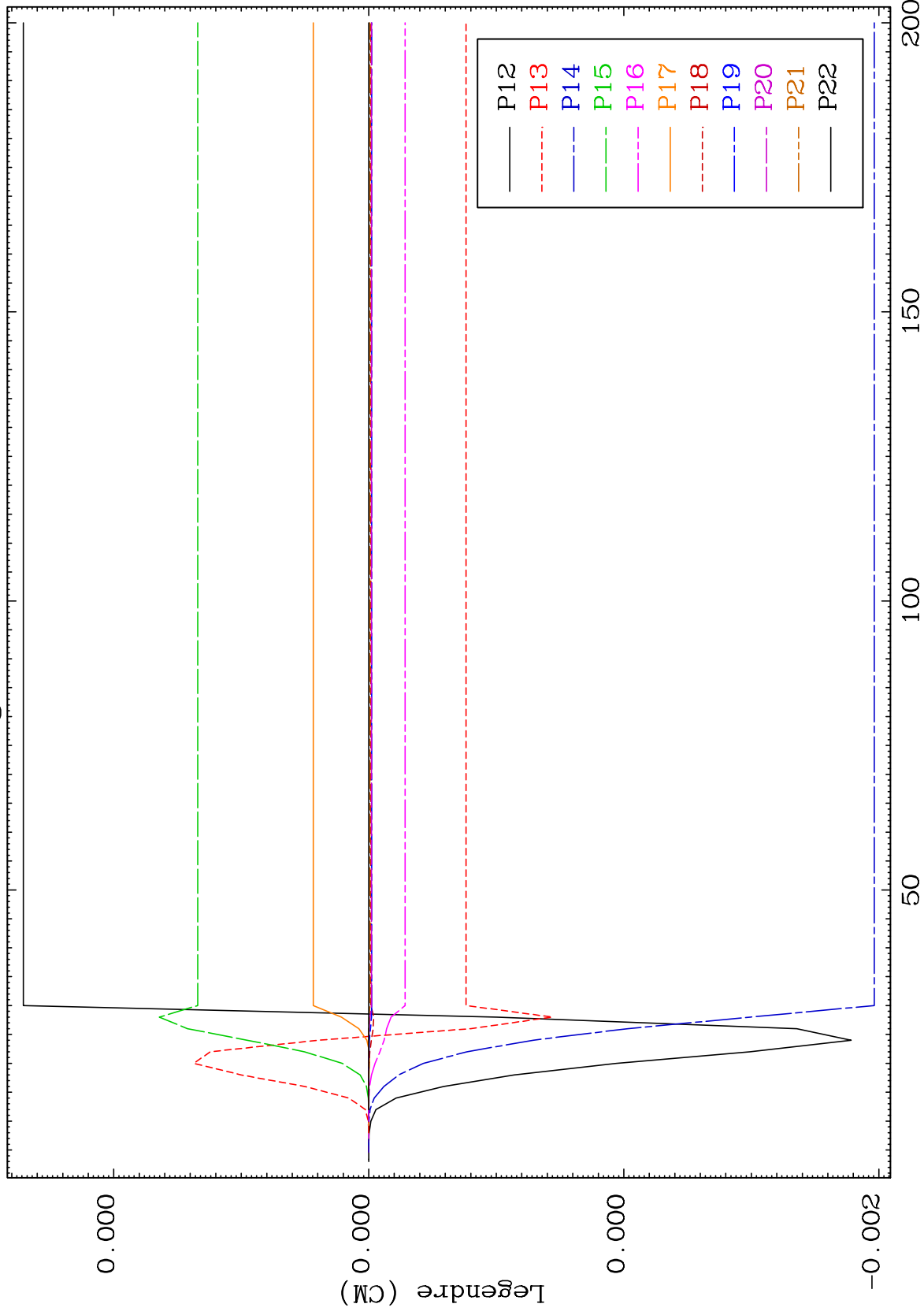
Incident Energy (MeV)

88

MAT 5555

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

55-Cs-143



89

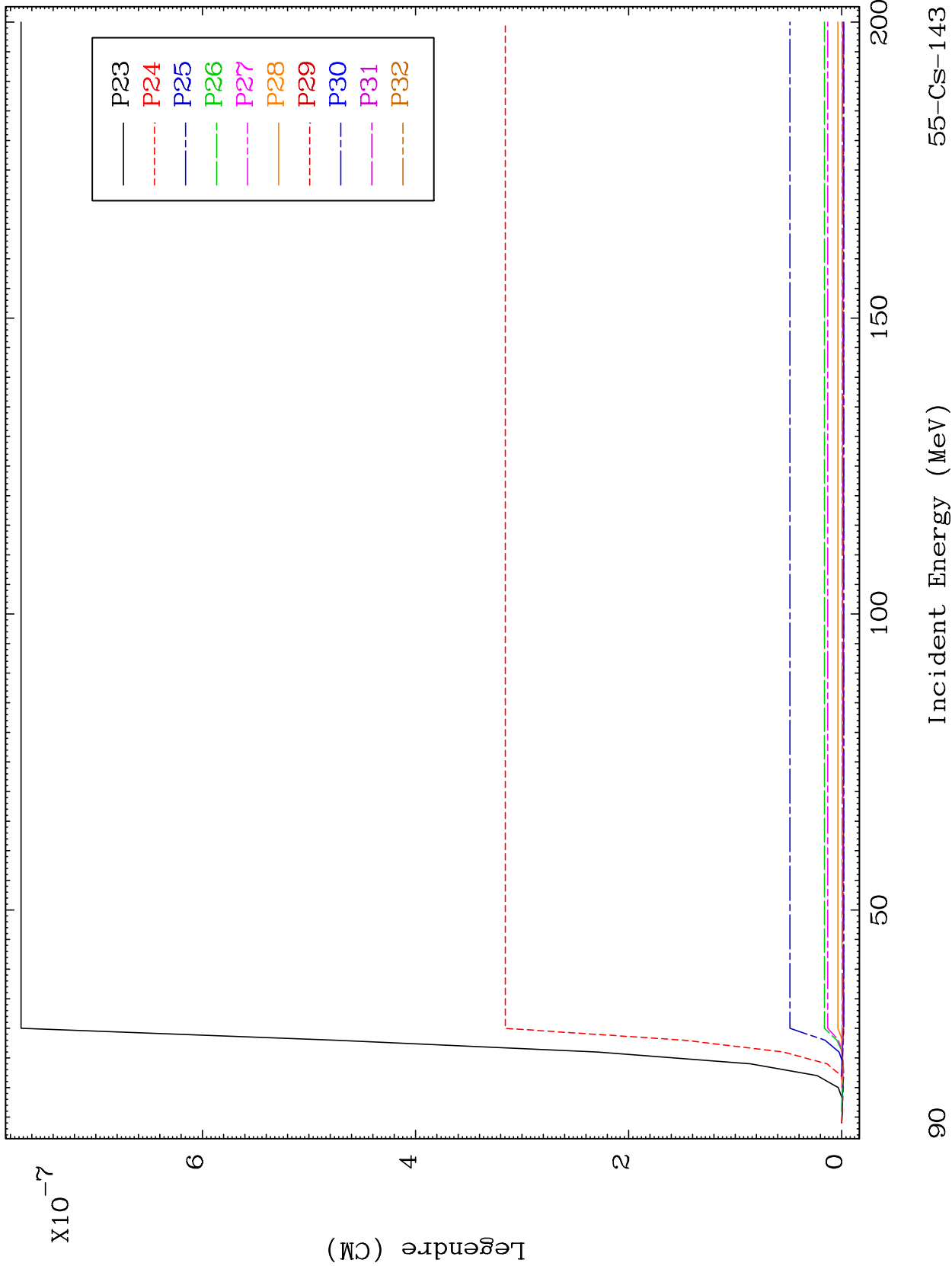
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

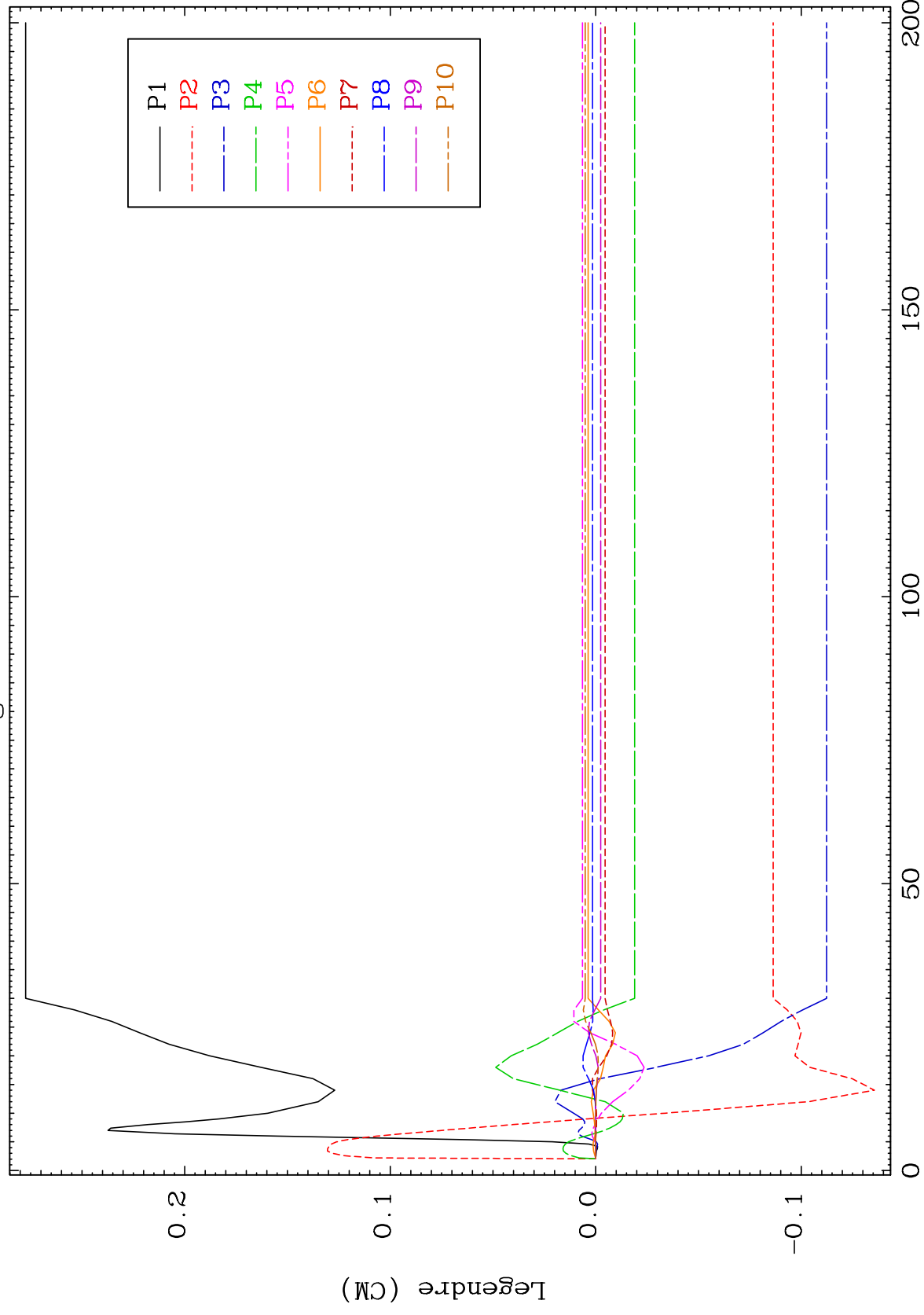
55-Cs-143



MAT 5555

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

55-Cs-143



91

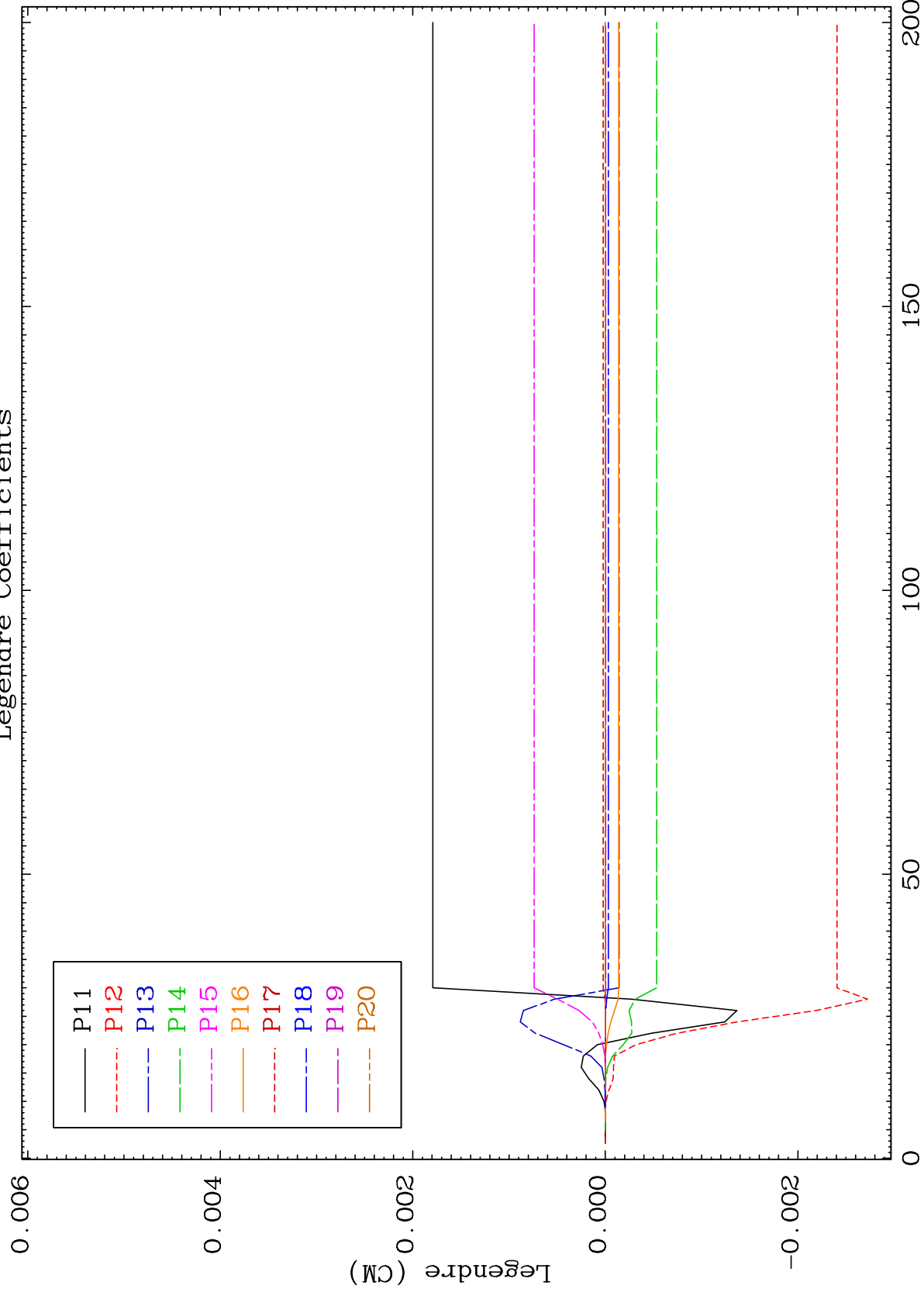
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



92

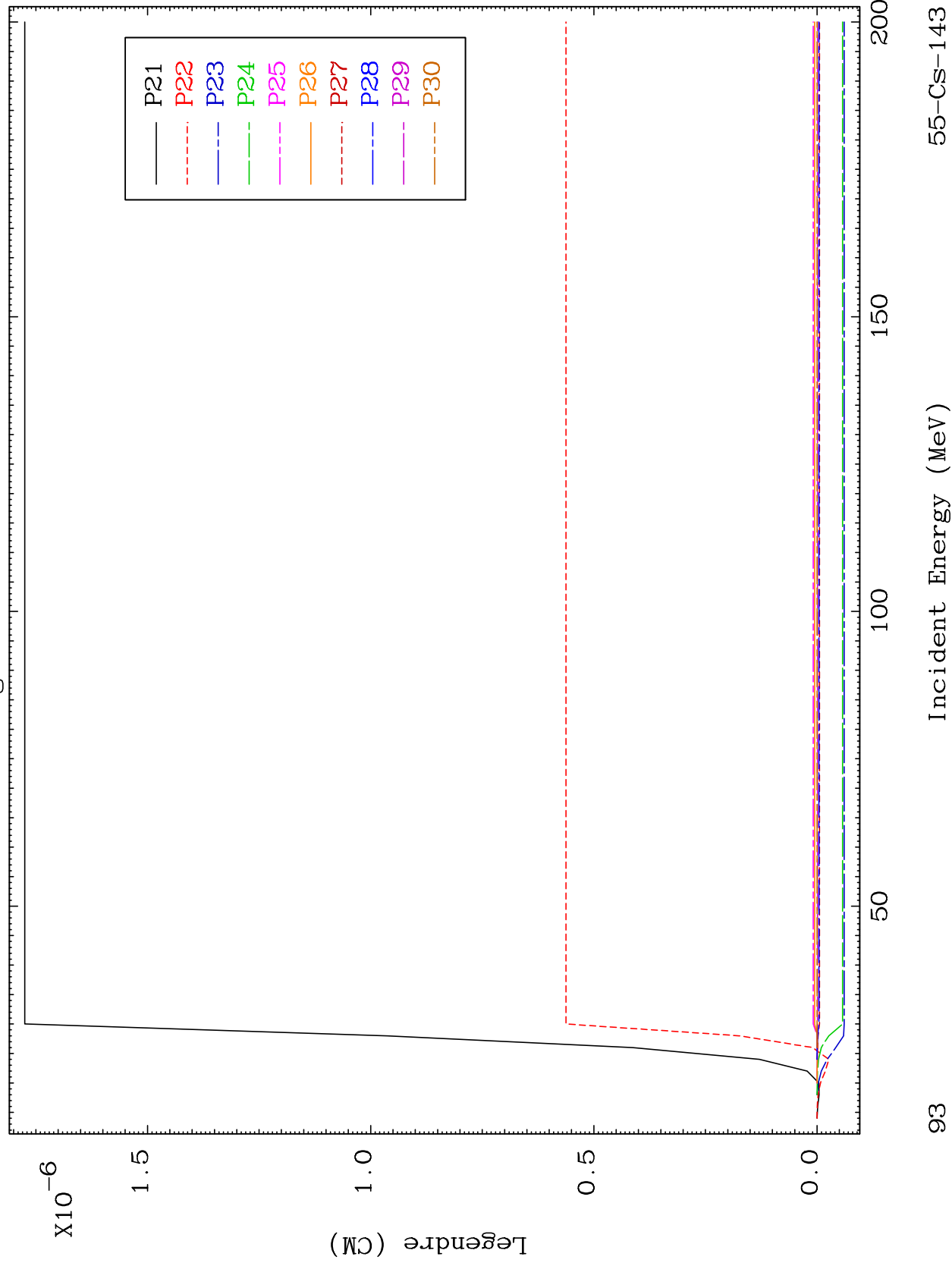
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

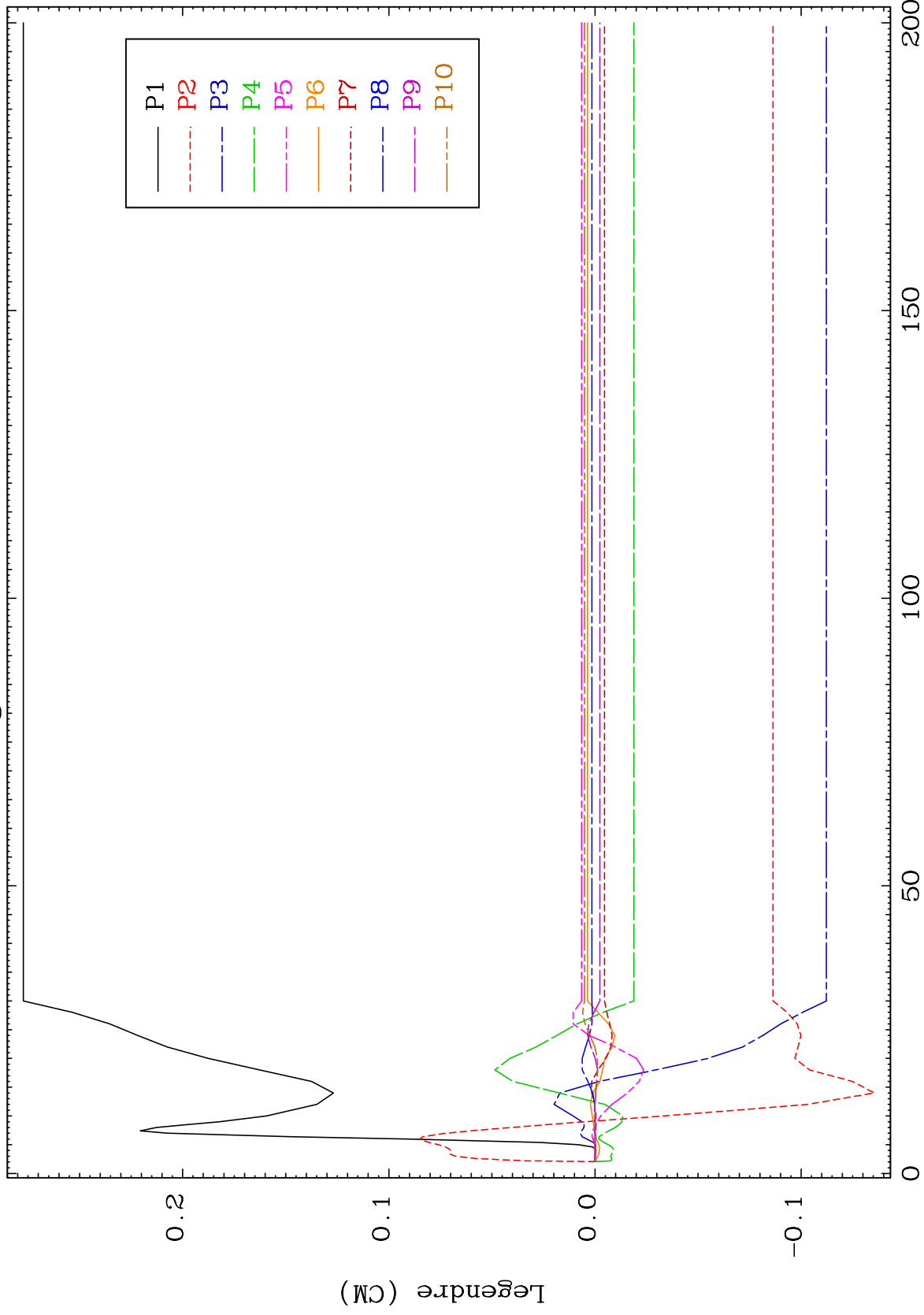
55-Cs-143



MAT 5555

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

55-Cs-143



94

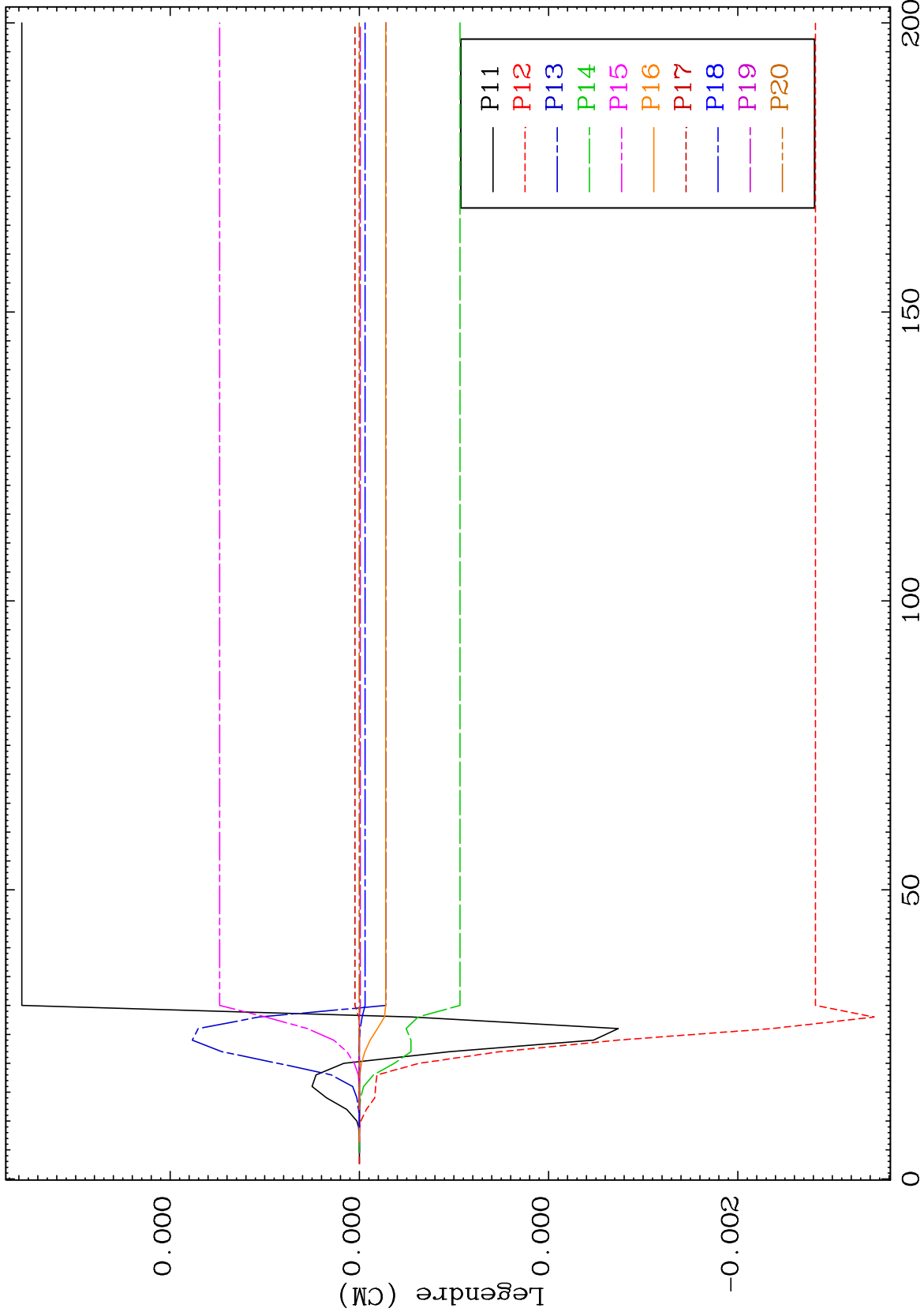
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



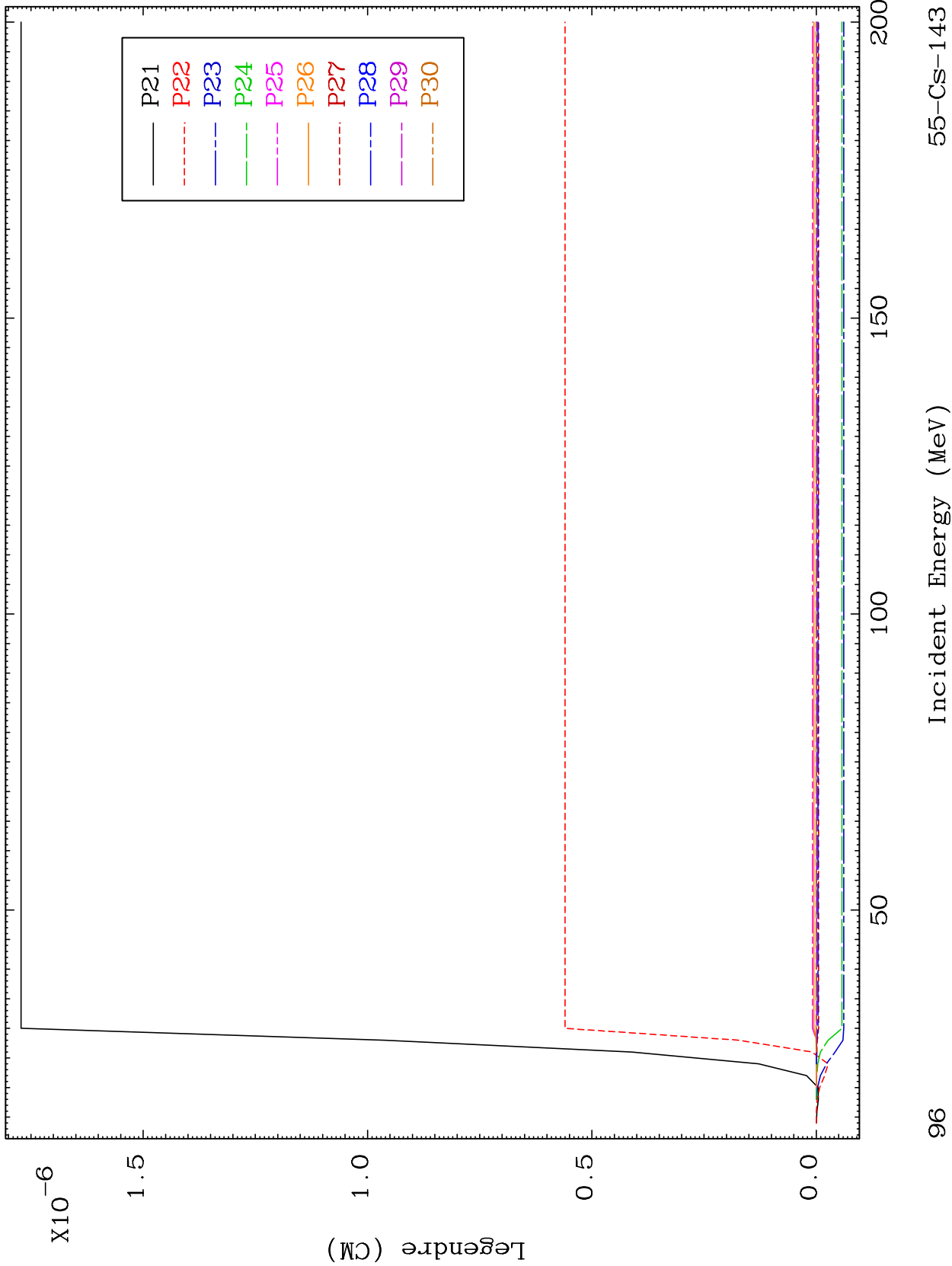
95

55-Cs-143

MAT 5555

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

55-Cs-143



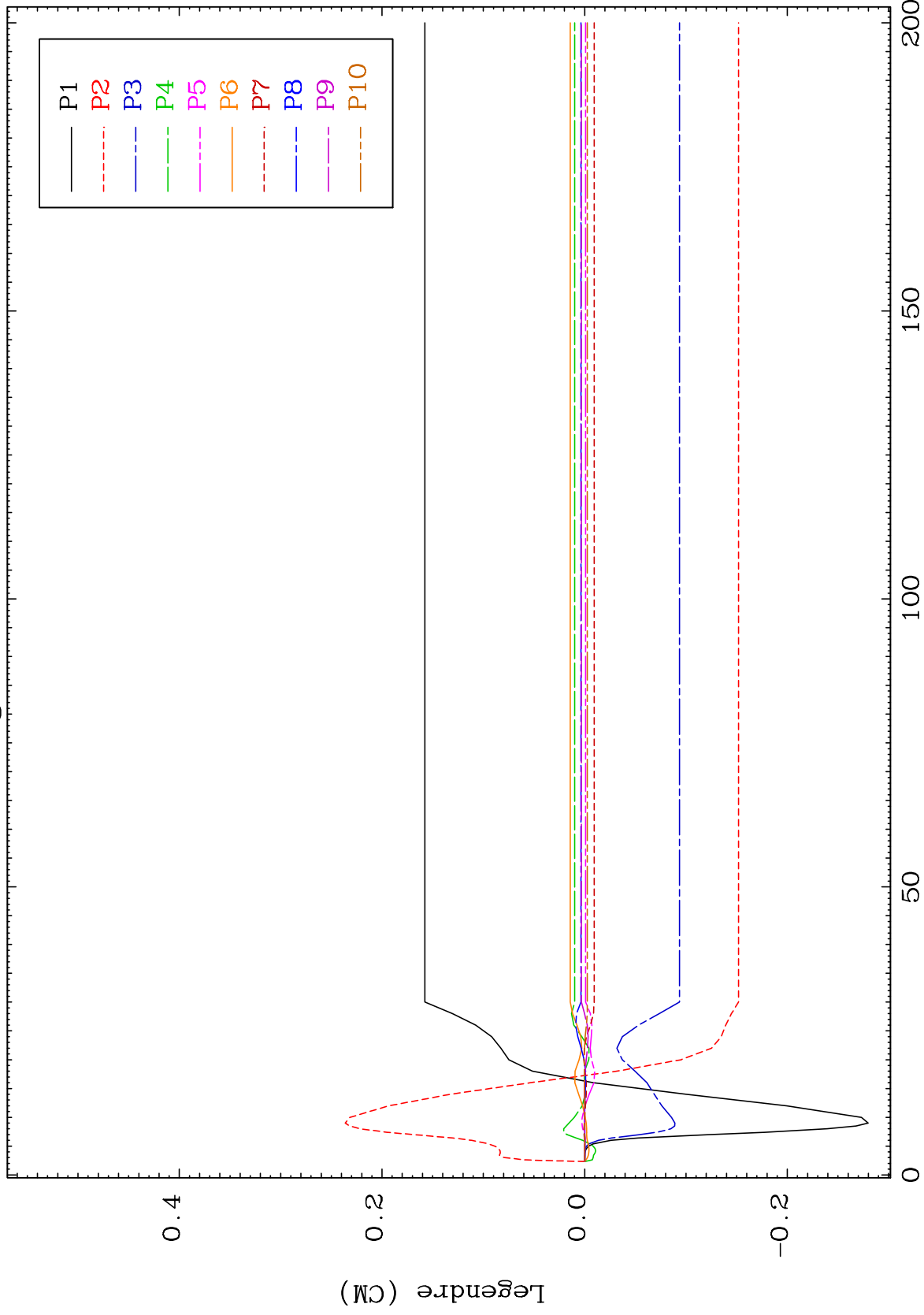
96

55-Cs-143

MAT 5555

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

55-Cs-143



97

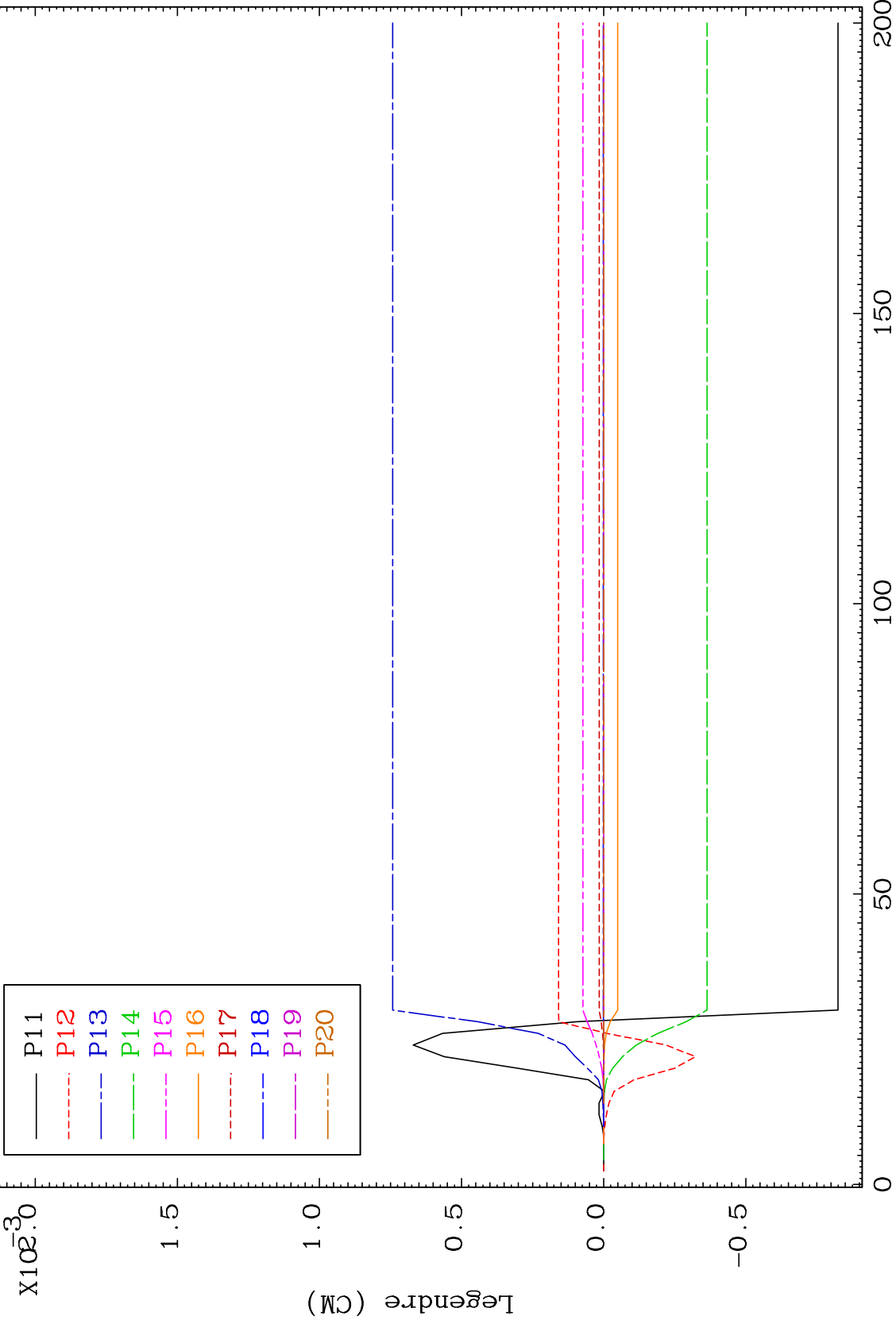
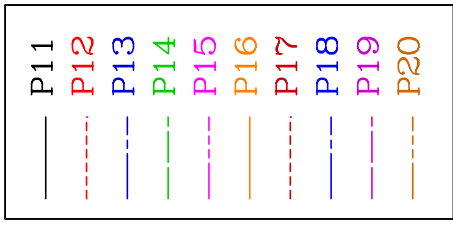
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



98

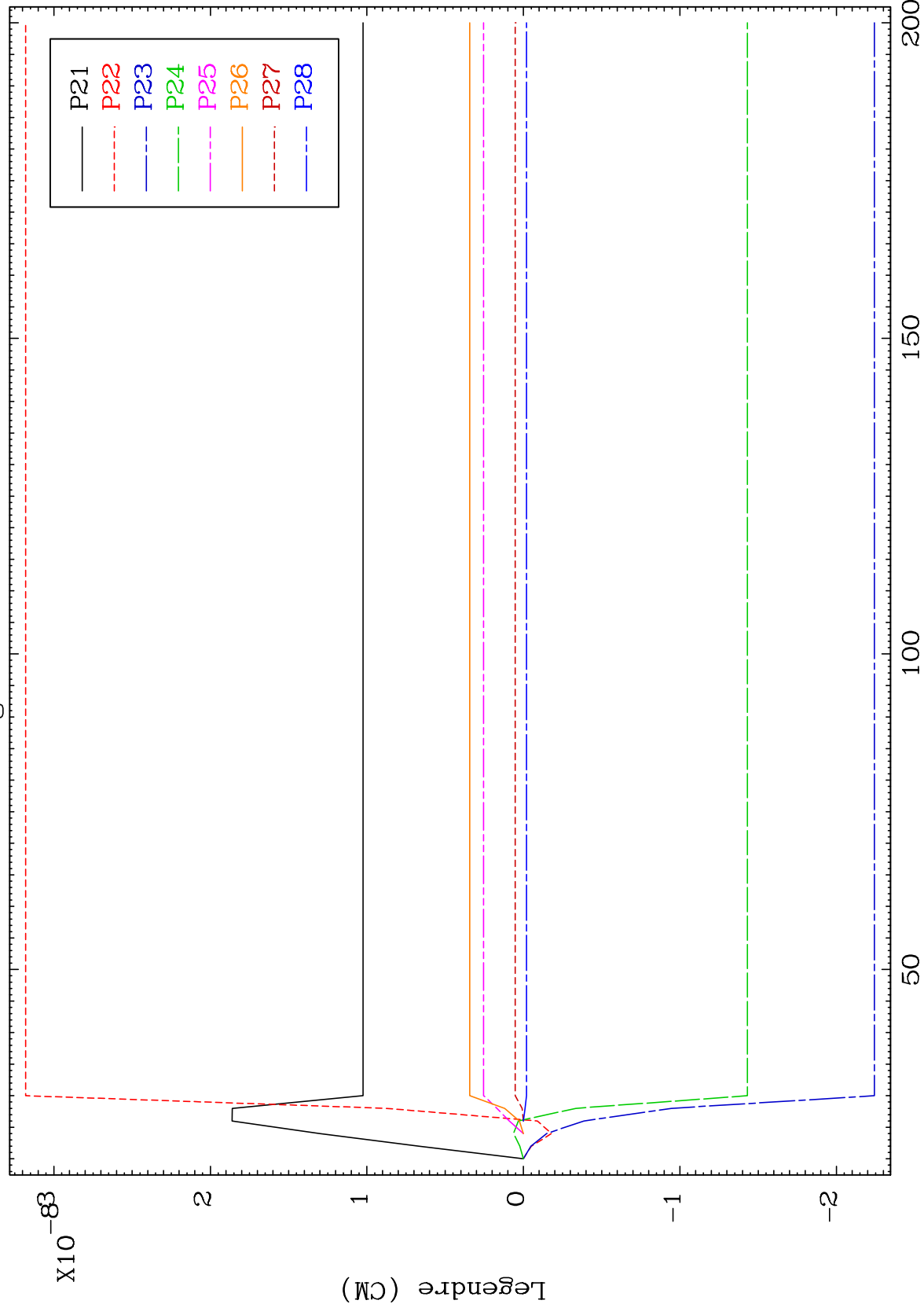
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



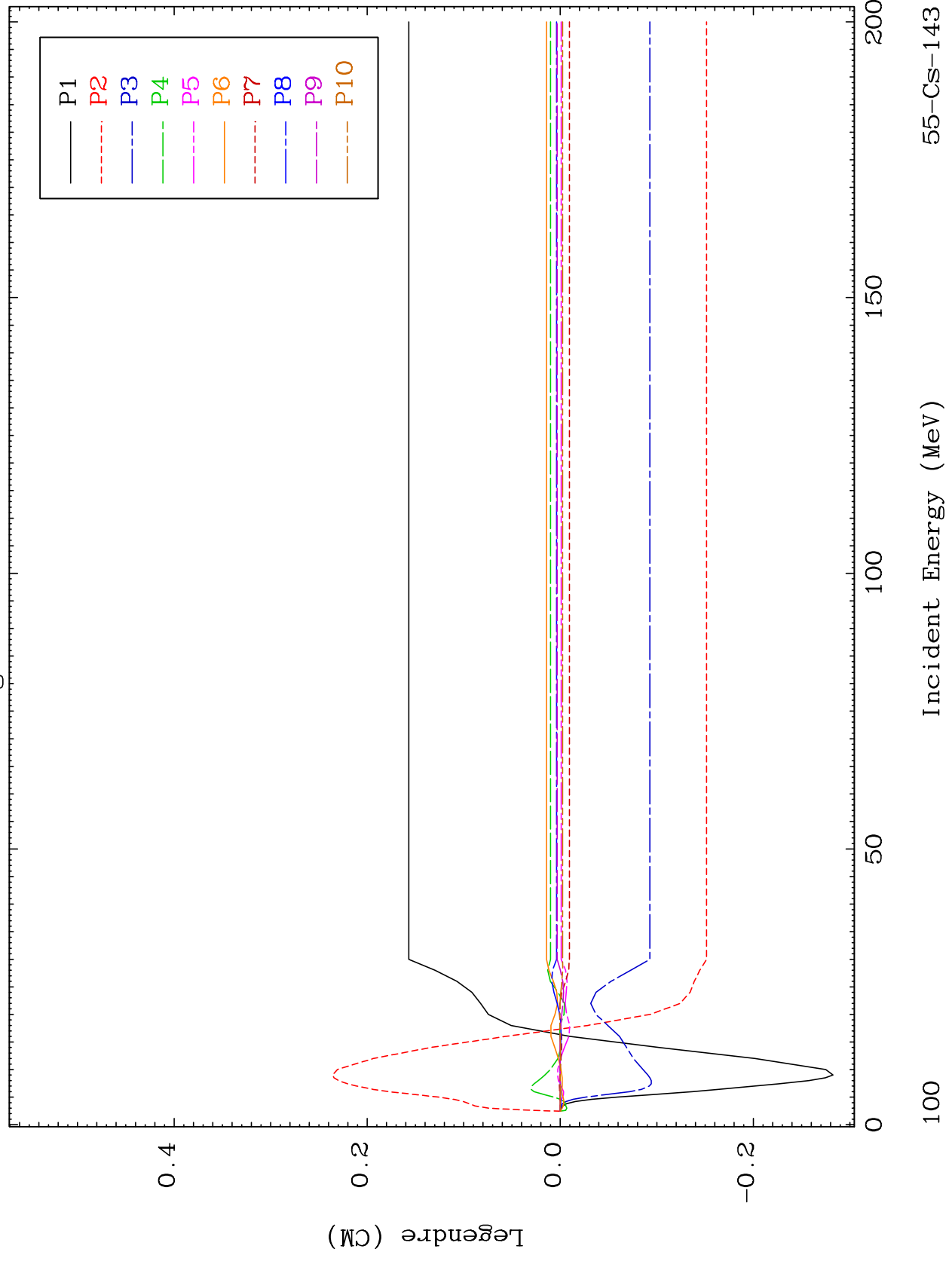
99

55-Cs-143

MAT 5555

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

55-Cs-143



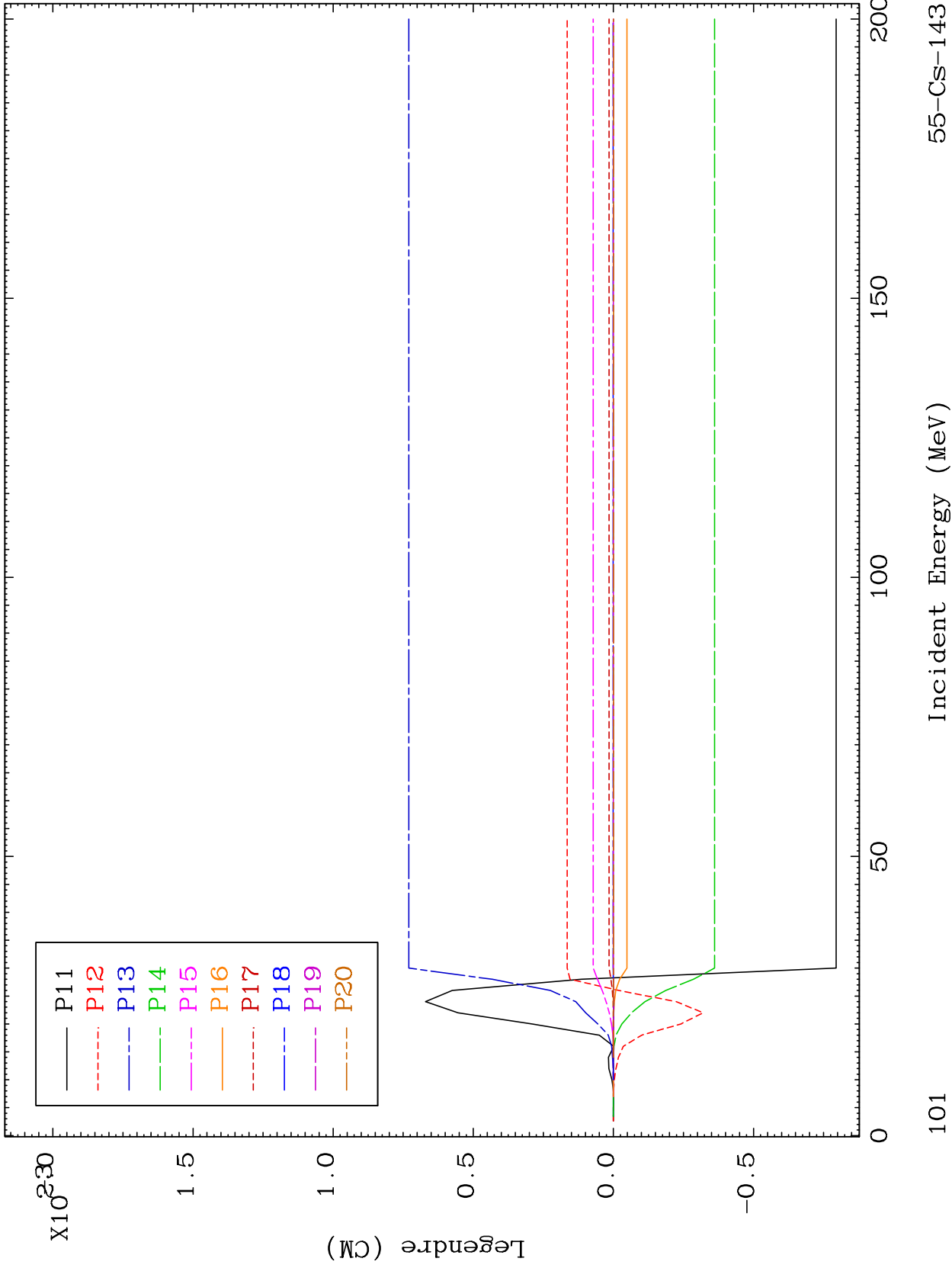
55-Cs-143

Incident Energy (MeV)

MAT 5555

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

55-Cs-143



101

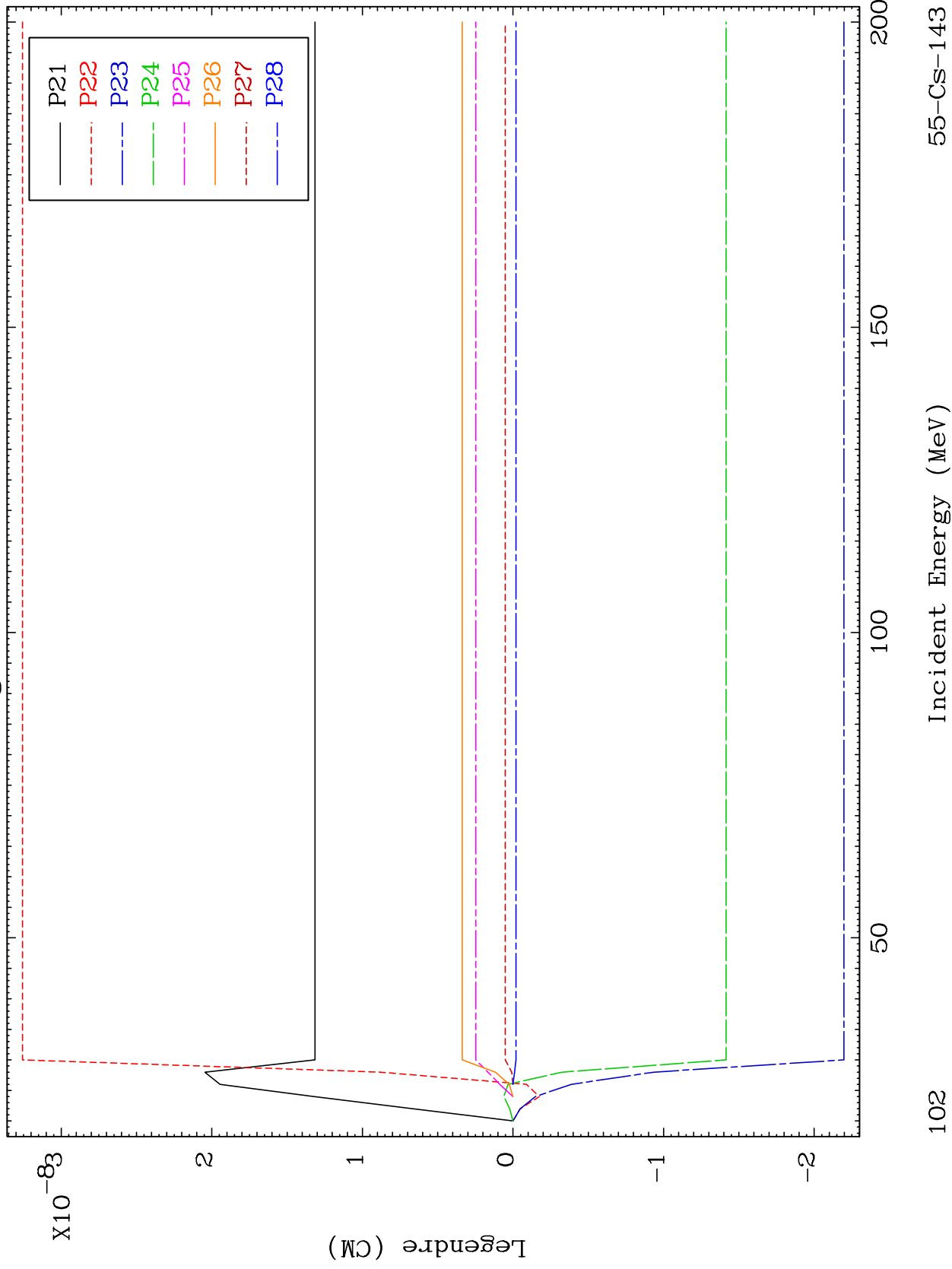
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

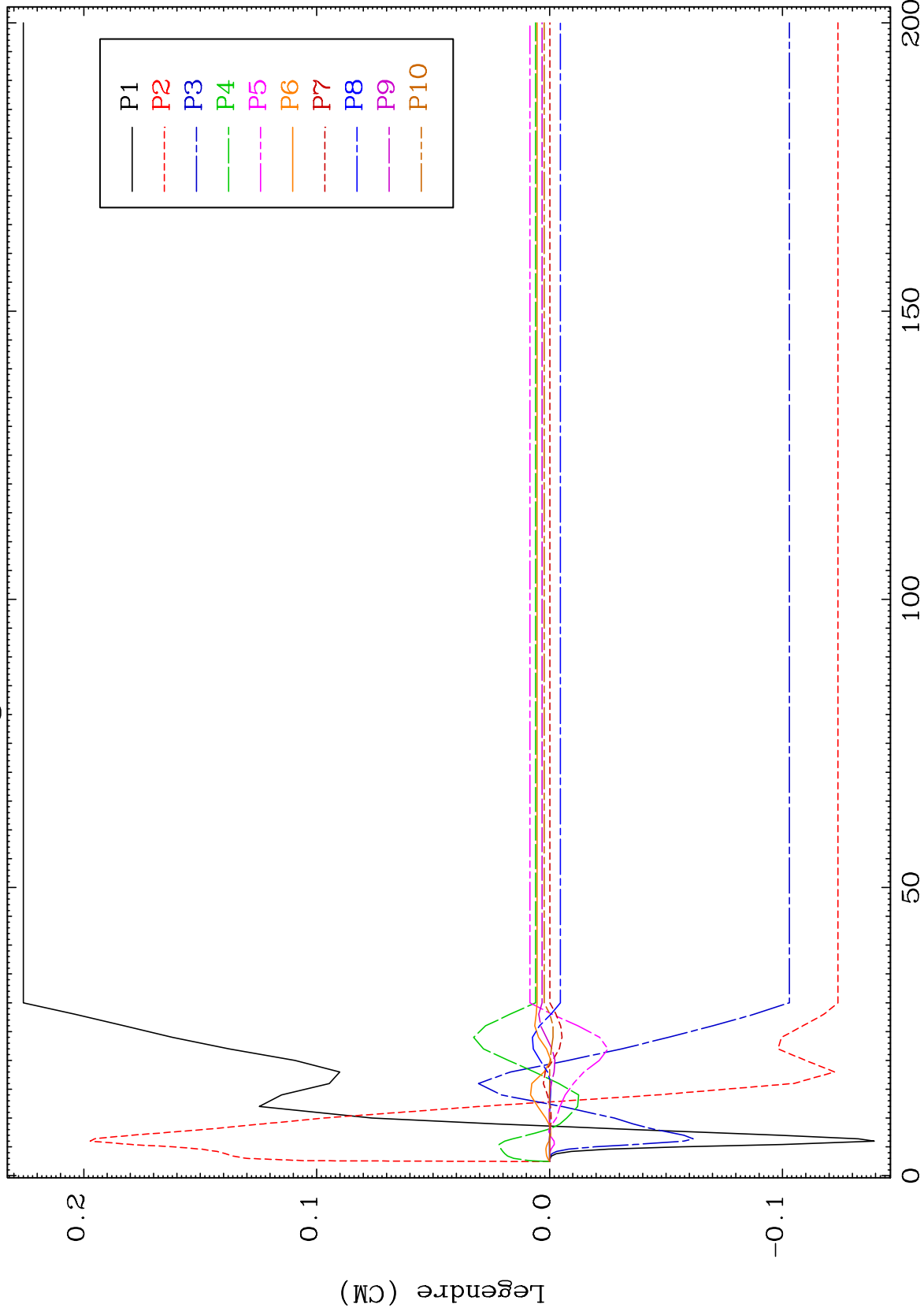
55-Cs-143



MAT 5555

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

55-Cs-143



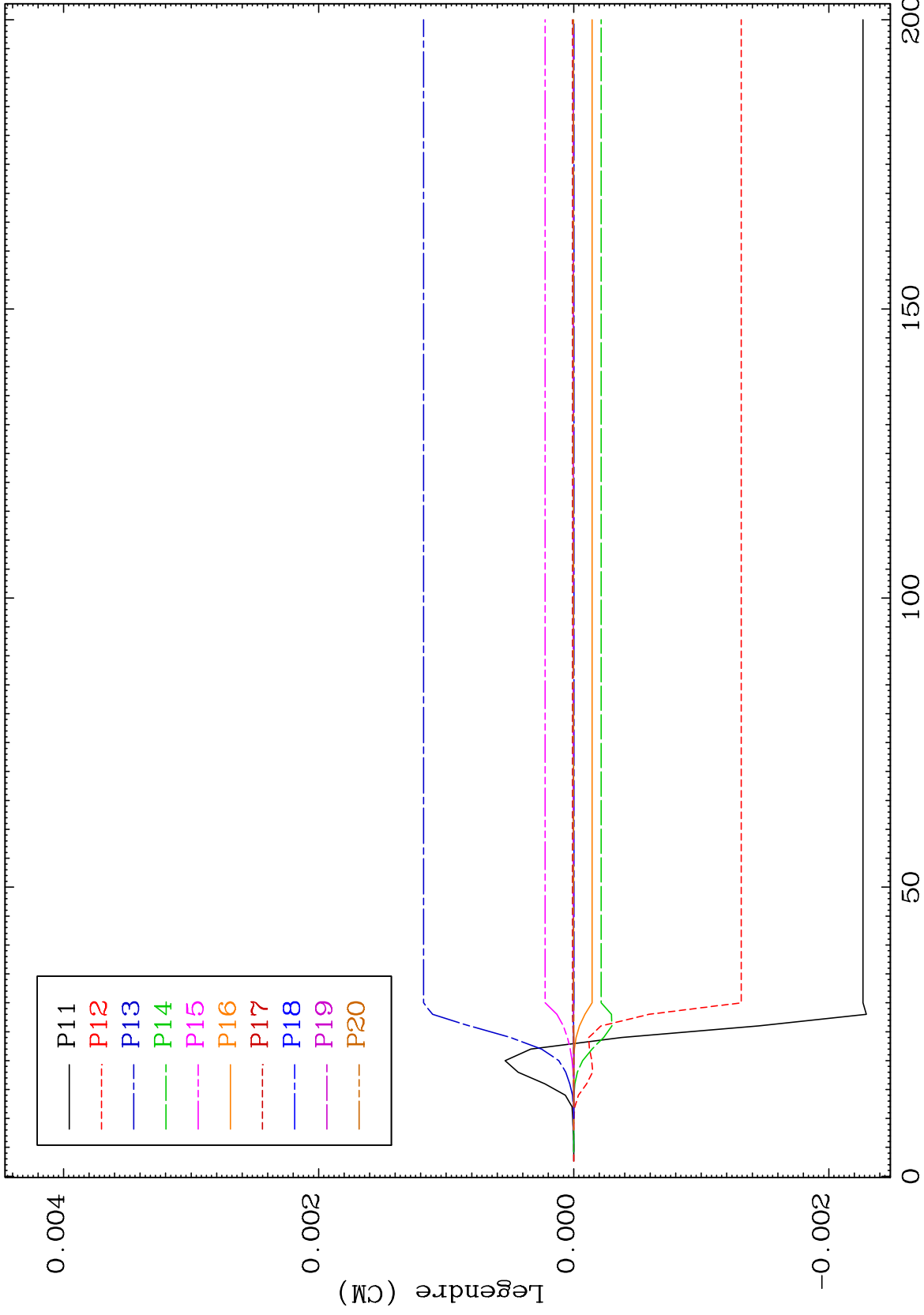
103

55-Cs-143

MAT 5555

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

55-Cs-143



104

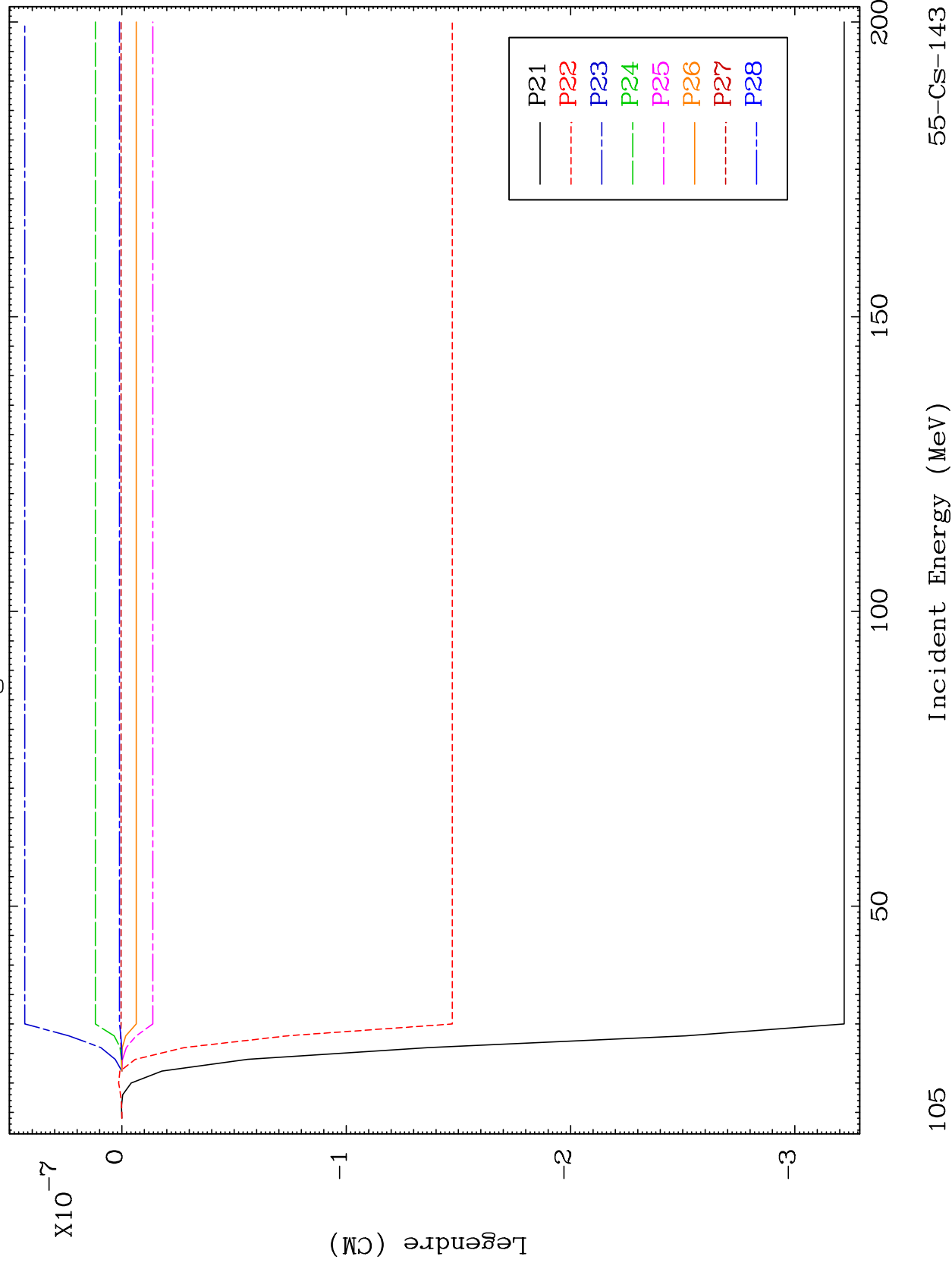
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

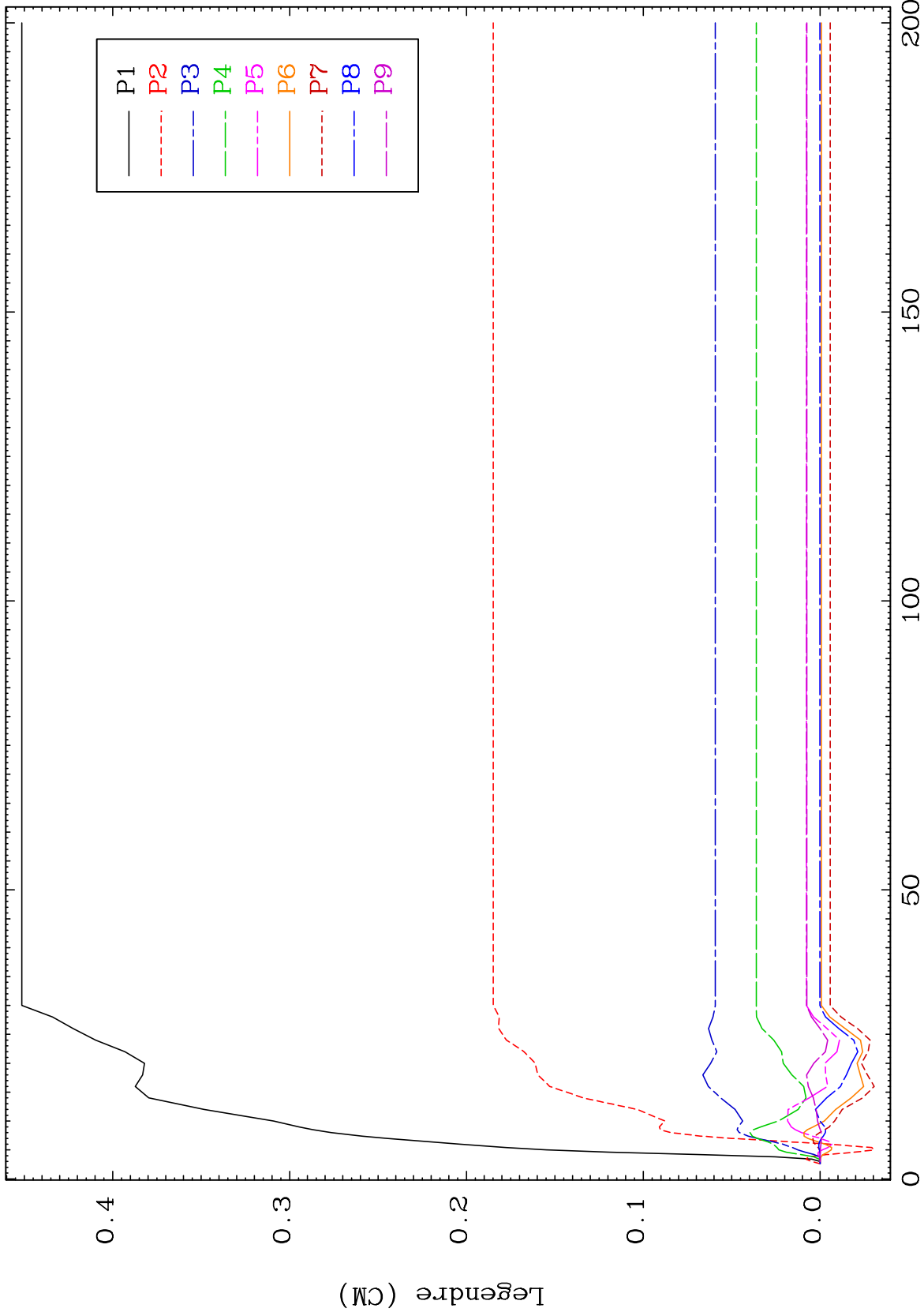
55-Cs-143



MAT 5555

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

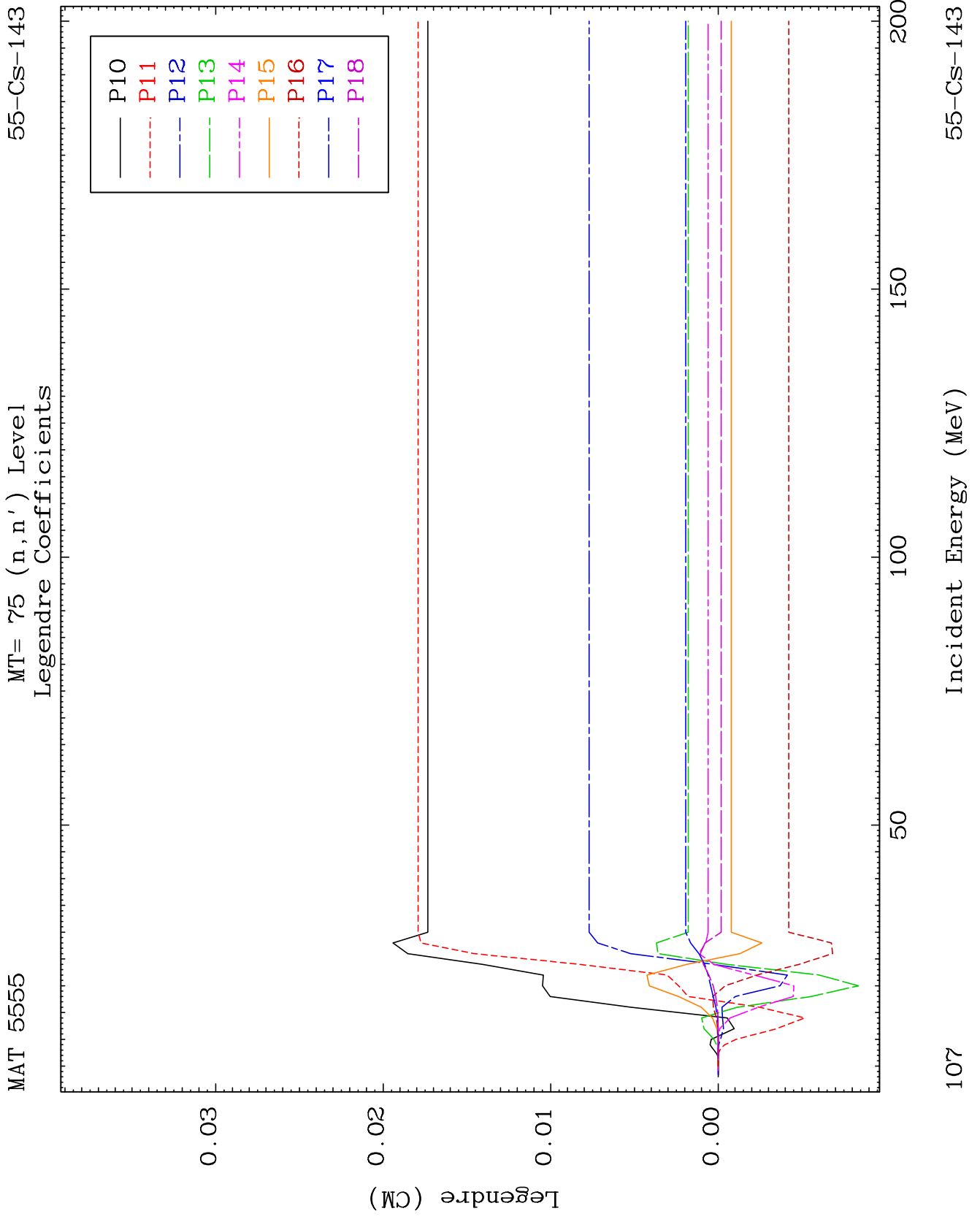
55-Cs-143



55-Cs-143

Incident Energy (MeV)

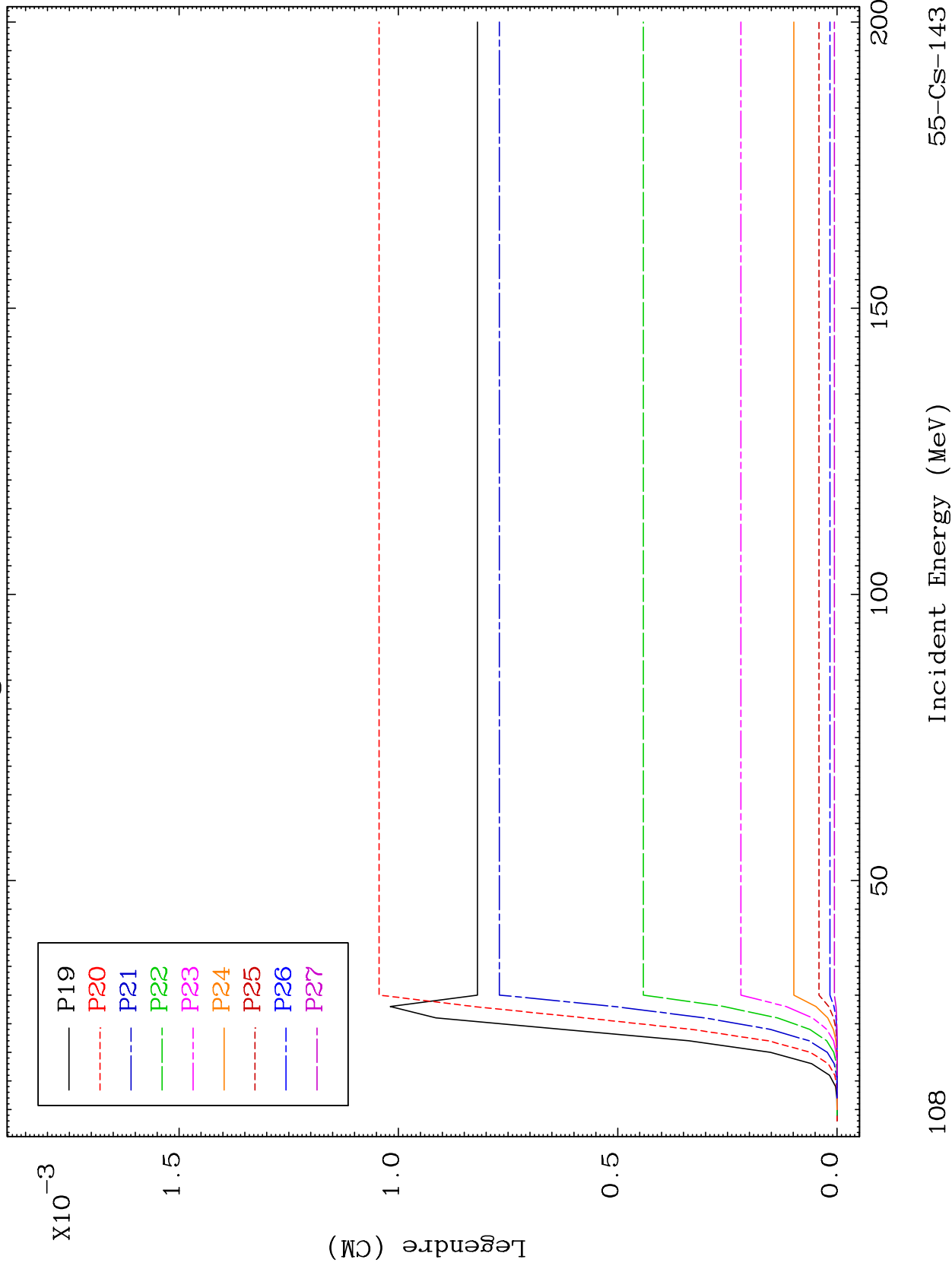
106



MAT 5555

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

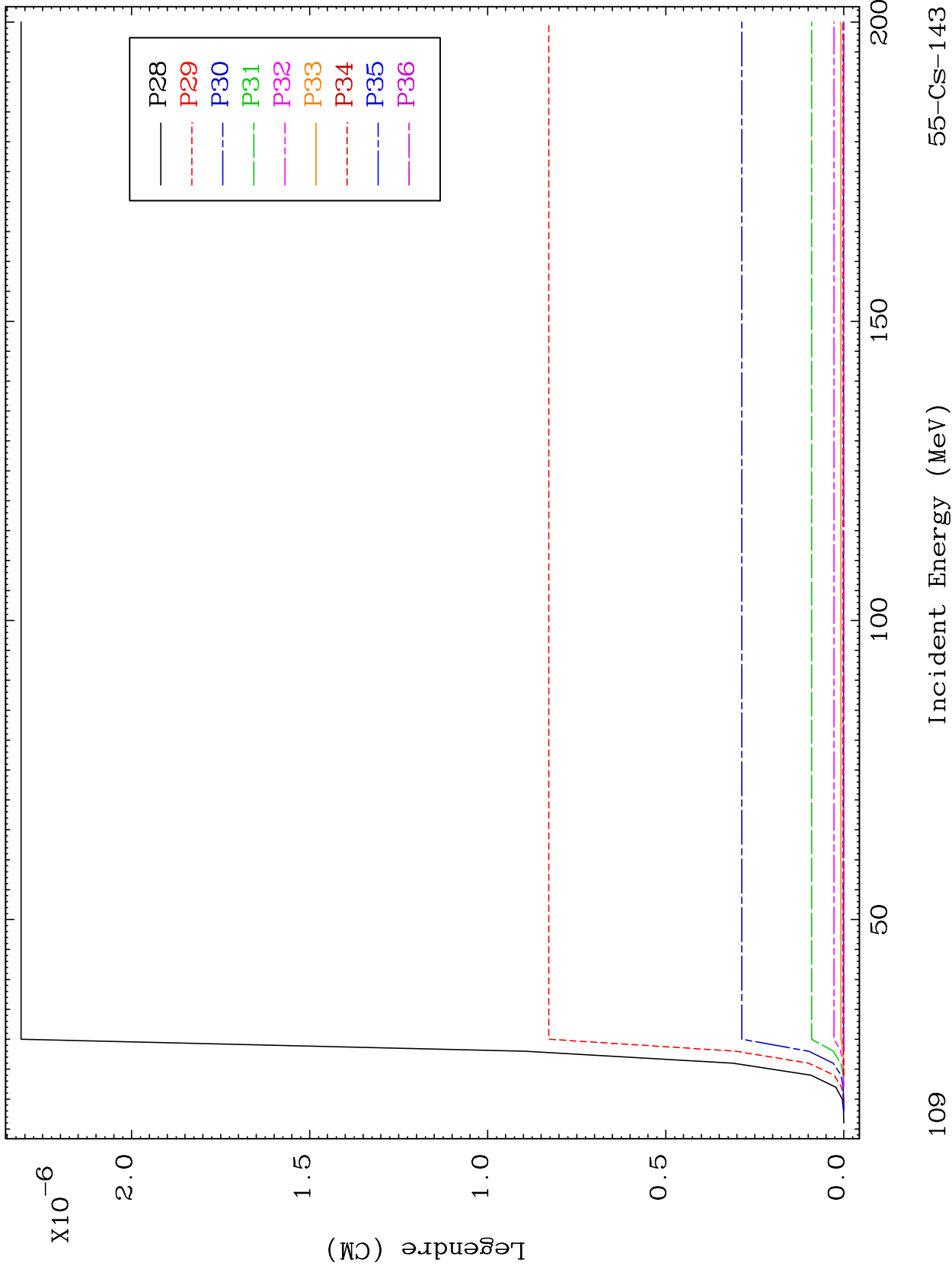
55-Cs-143



MAT 5555

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

55-Cs-143



109

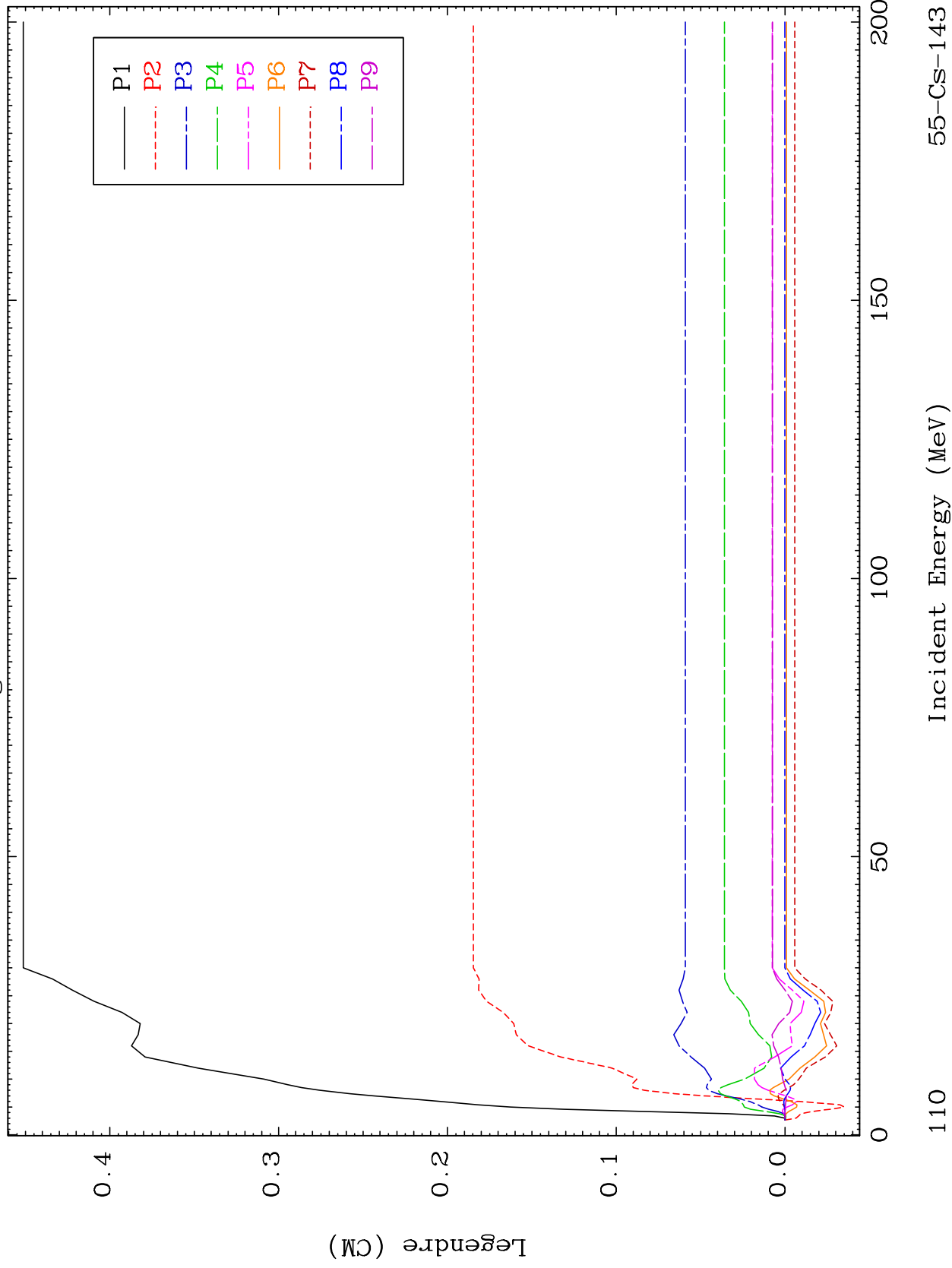
Incident Energy (MeV)

55-Cs-143

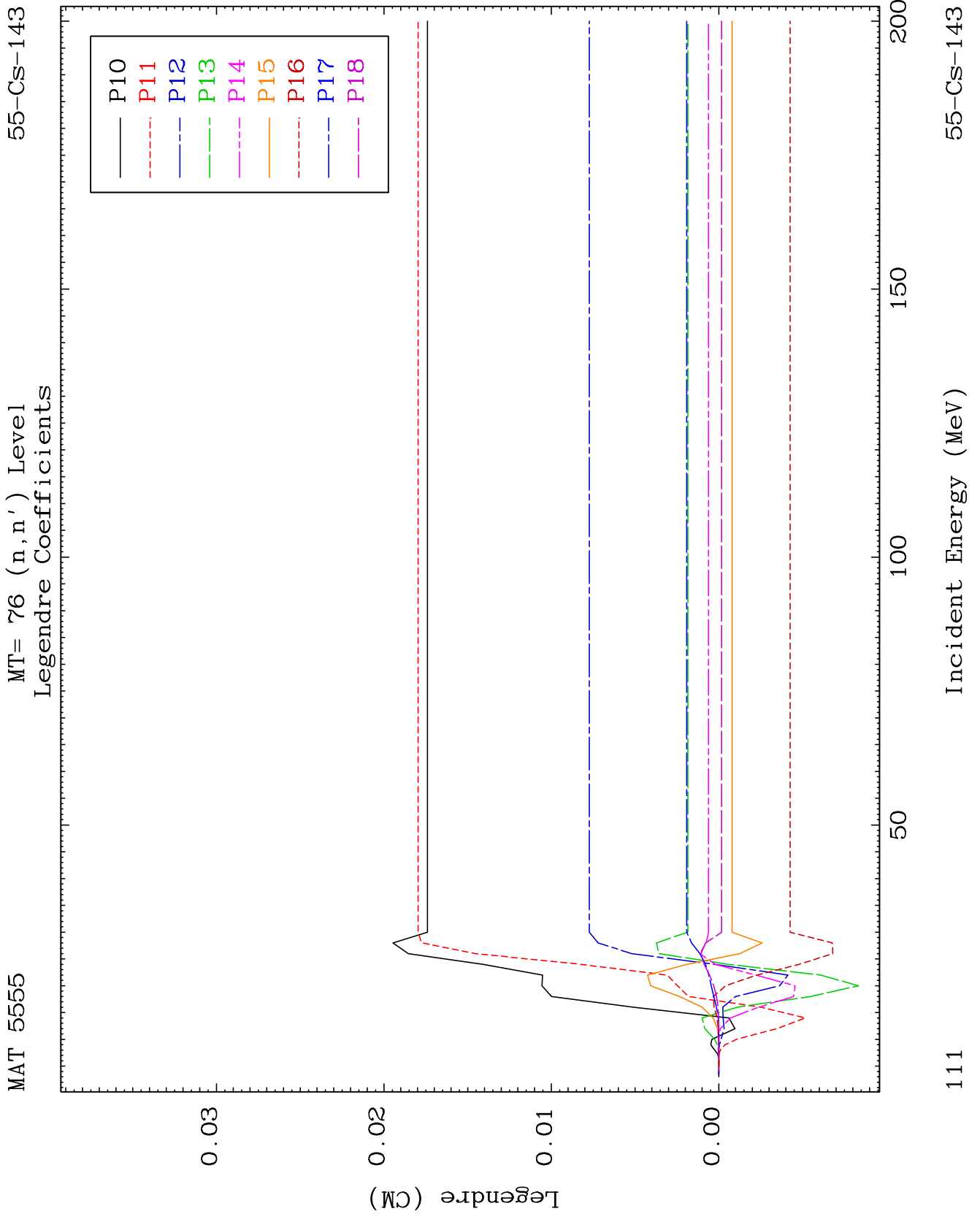
MAT 5555

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

55-Cs-143



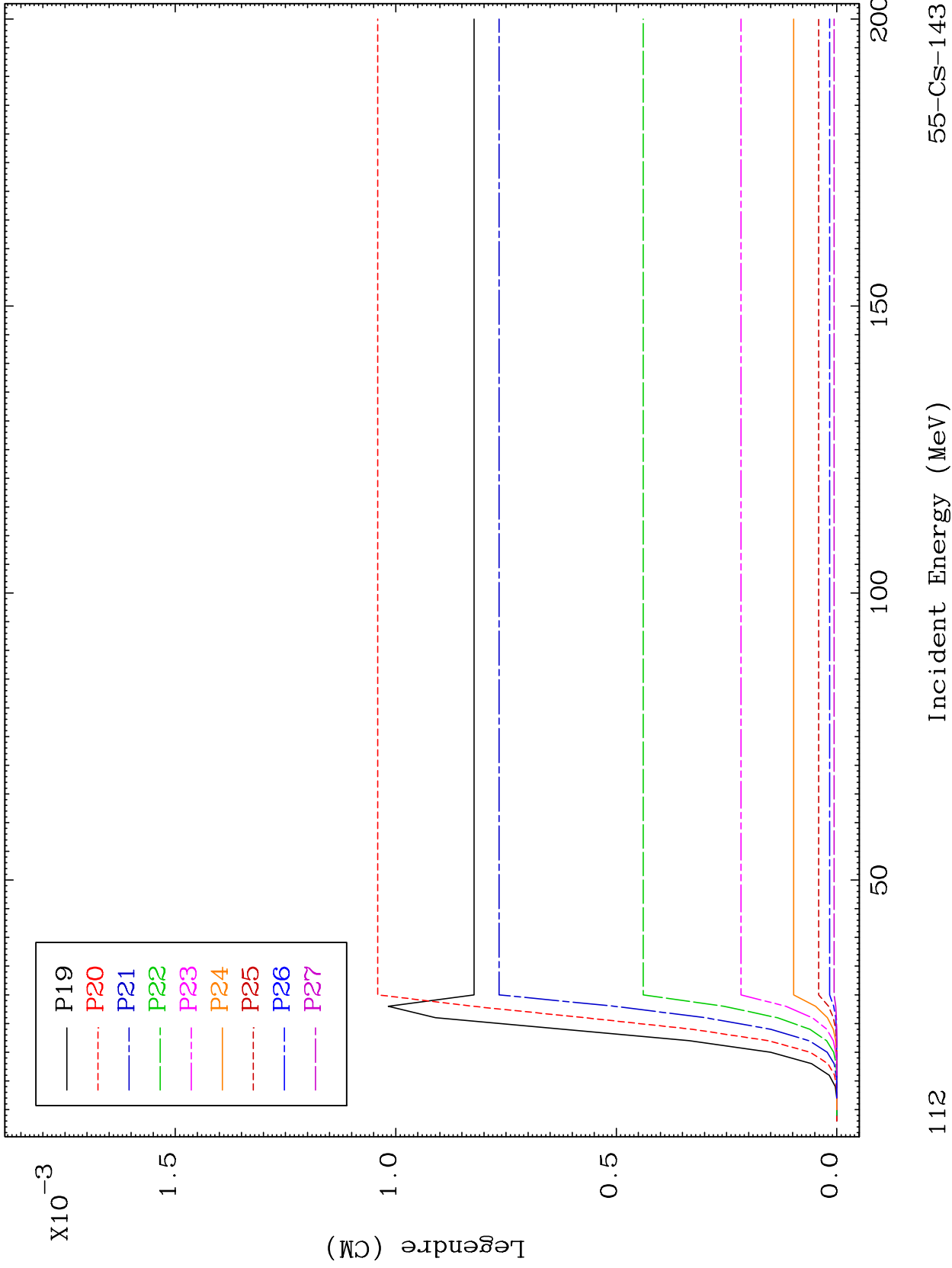
55-Cs-143



MAT 5555

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

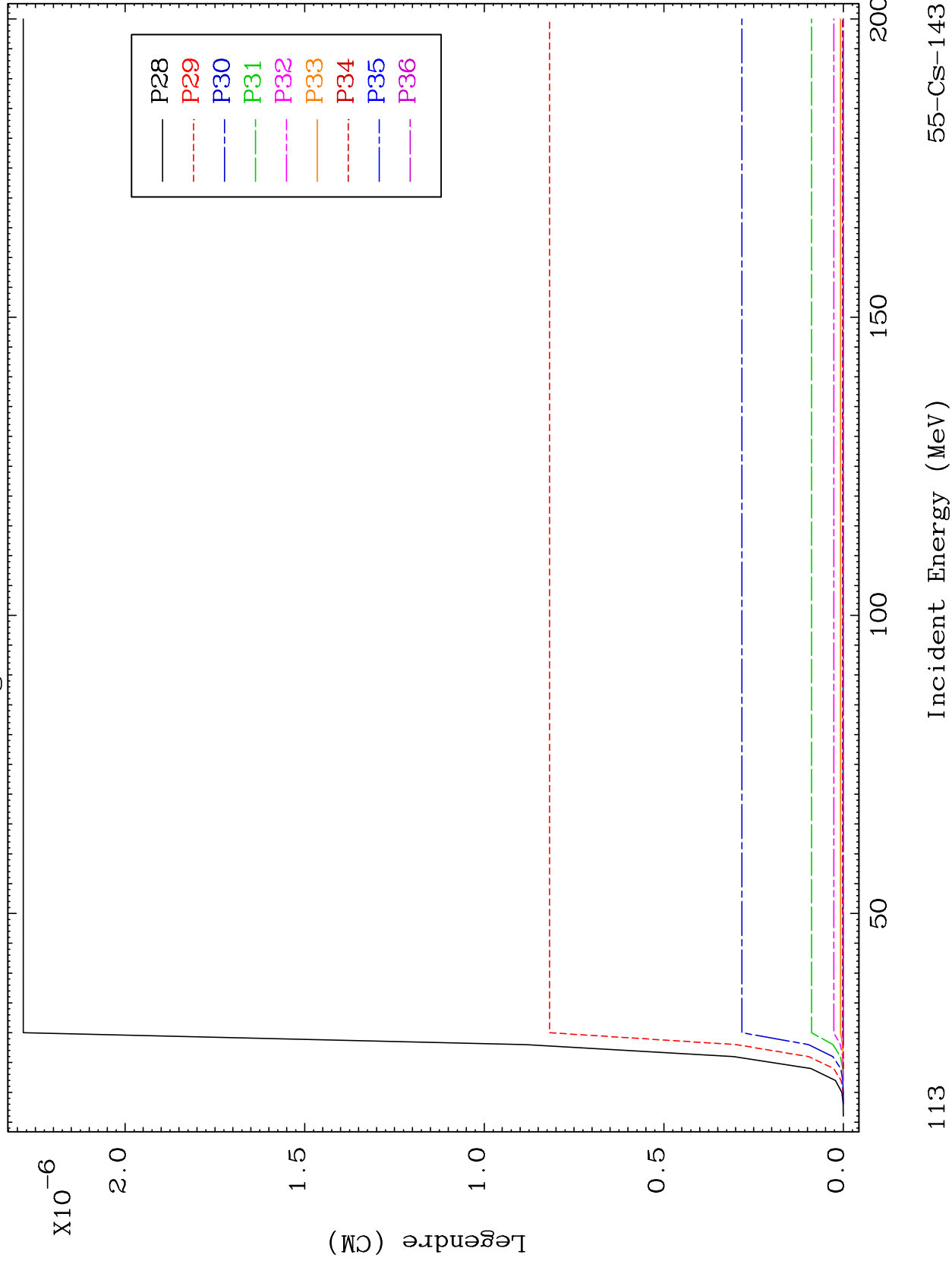
55-Cs-143



MAT 5555

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

55-Cs-143



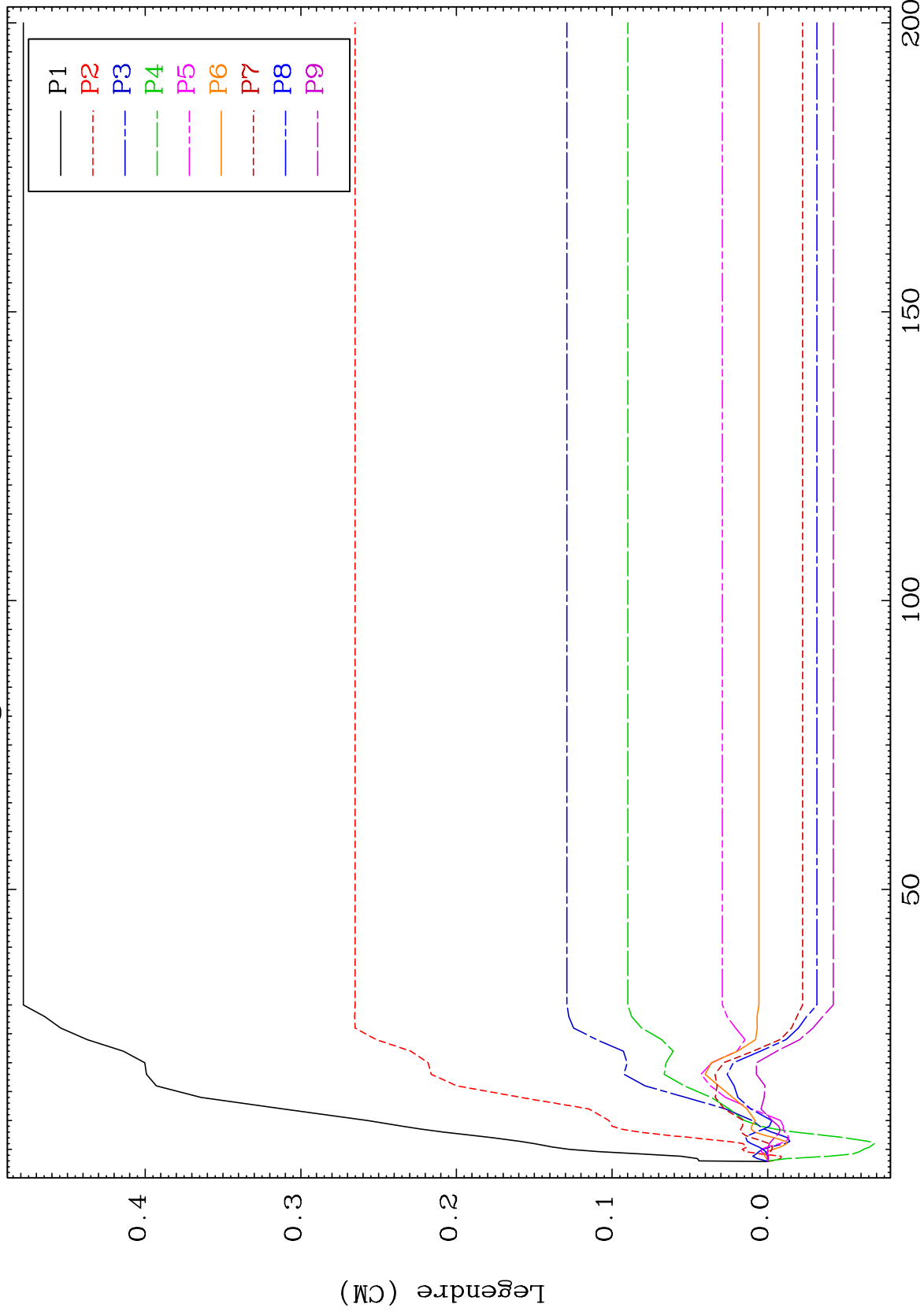
113

55-Cs-143

MAT 5555

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

55-Cs-143



114

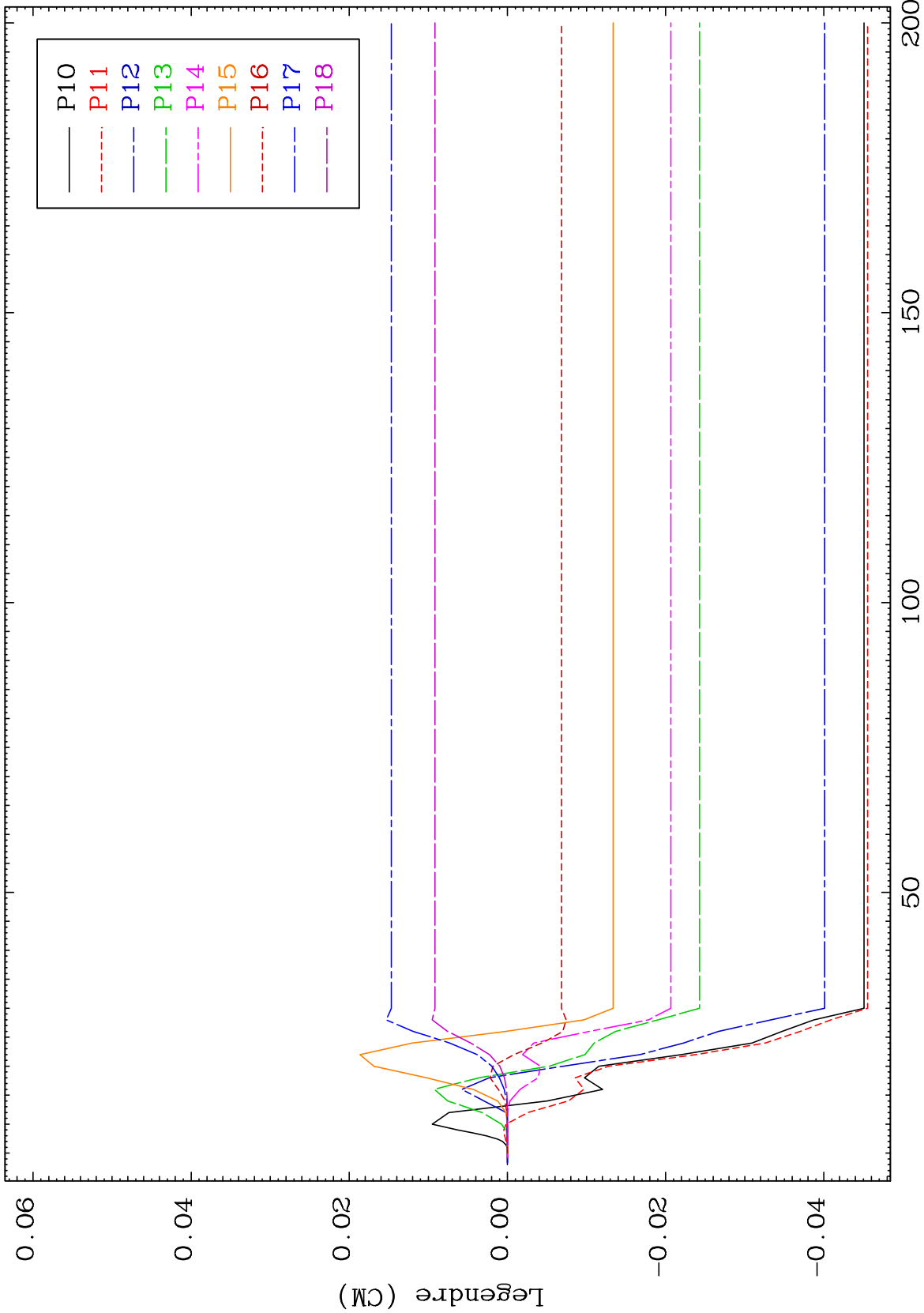
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



115

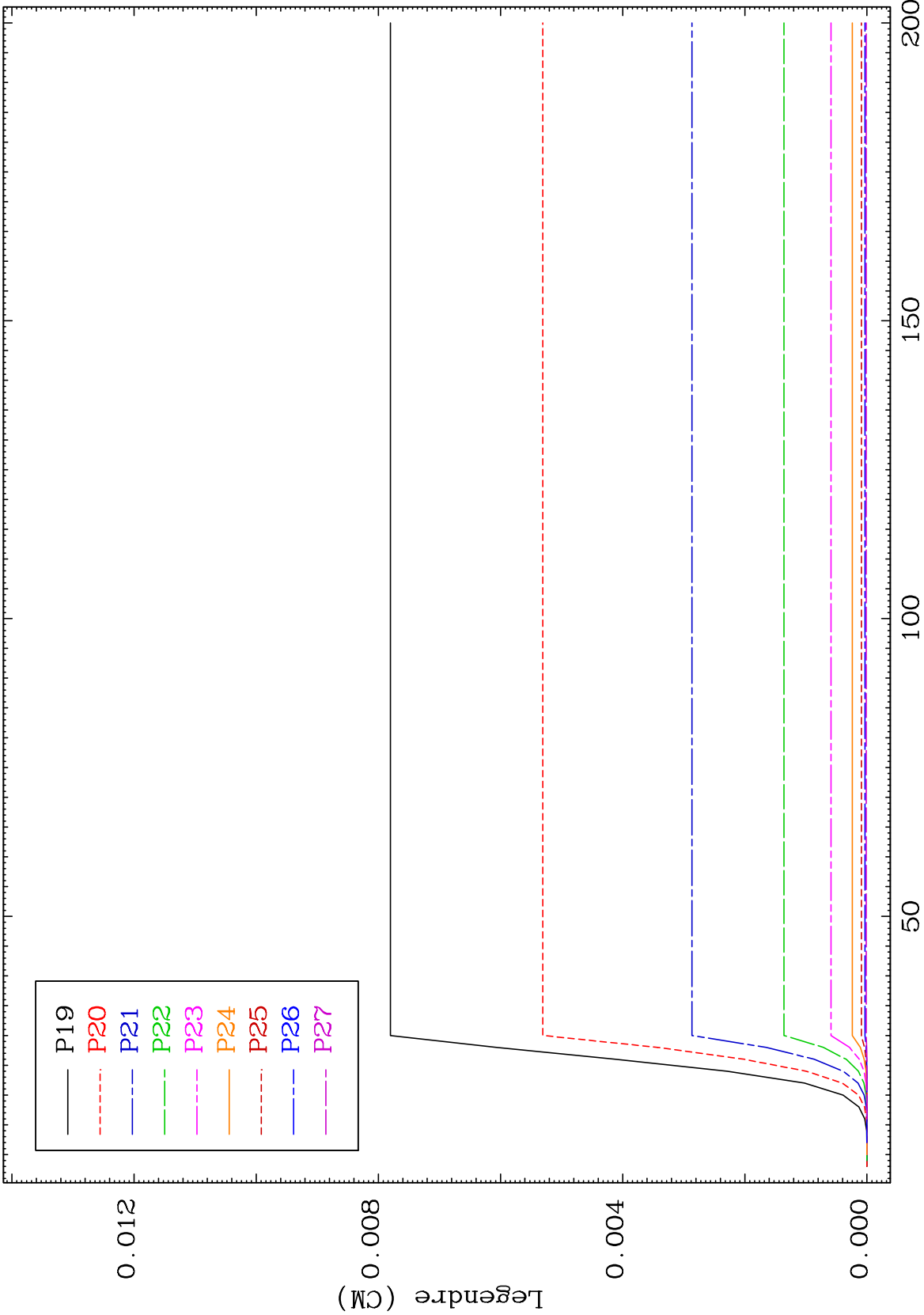
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



116

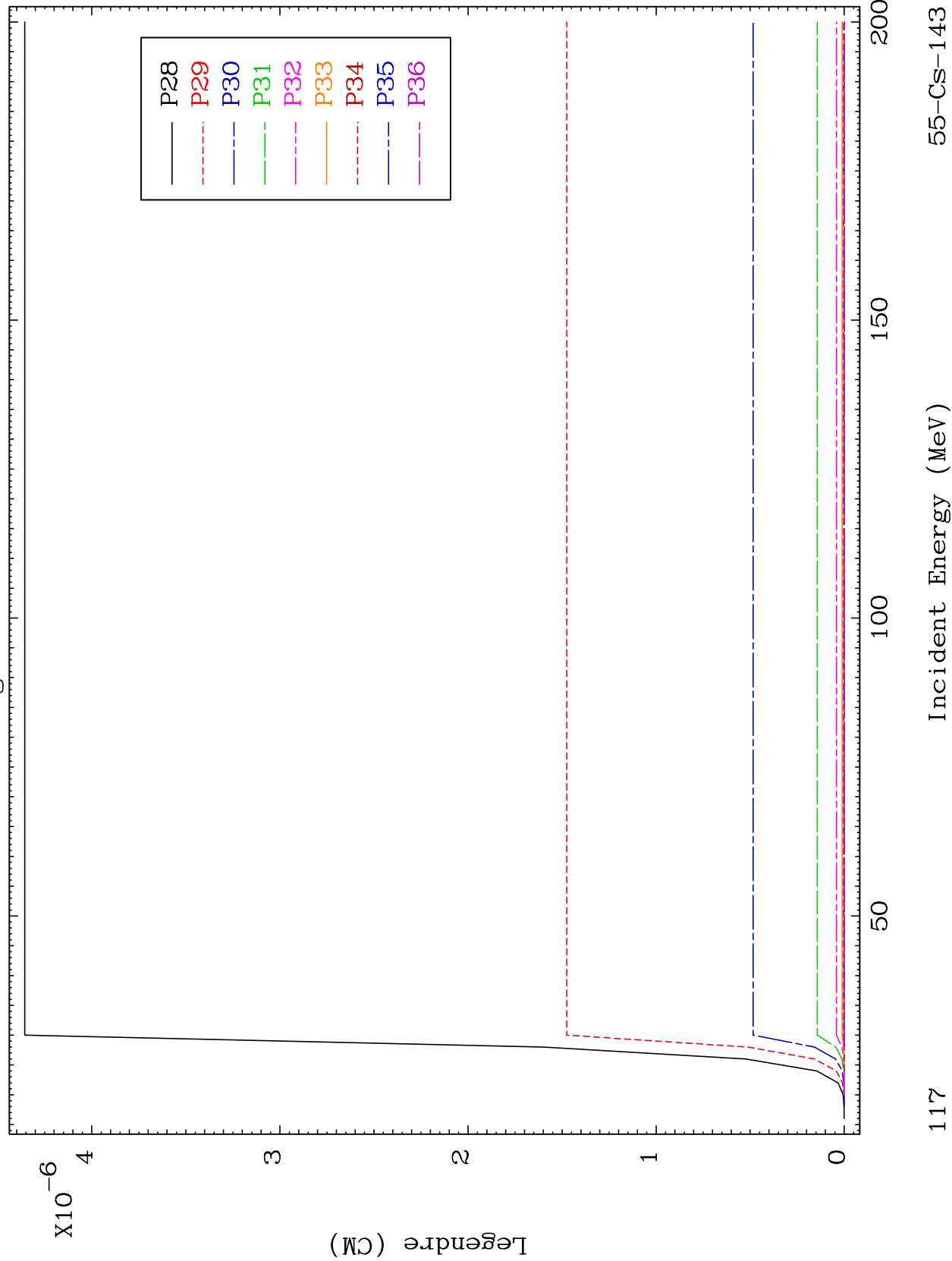
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

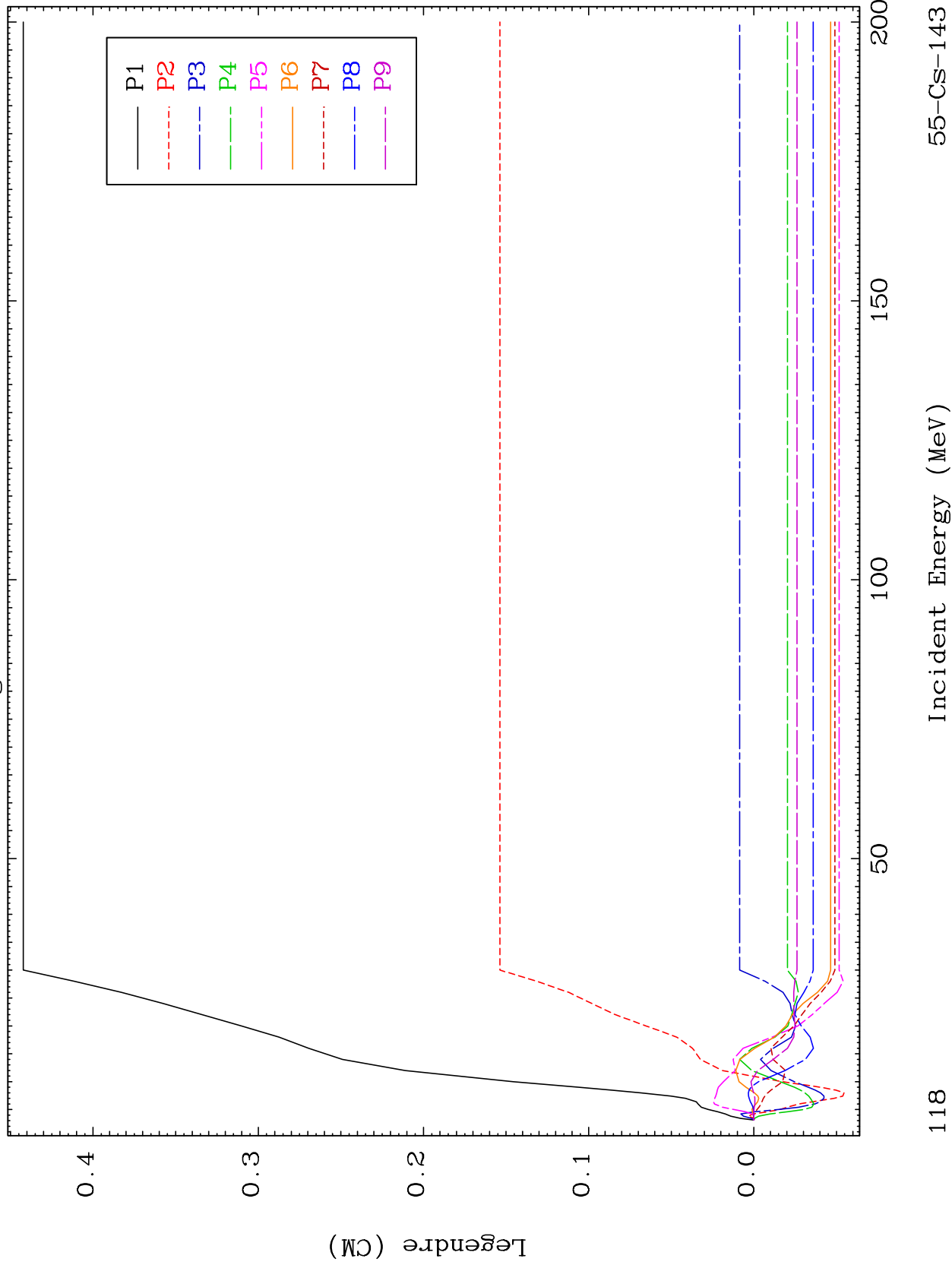
55-Cs-143



MAT 5555

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

55-Cs-143



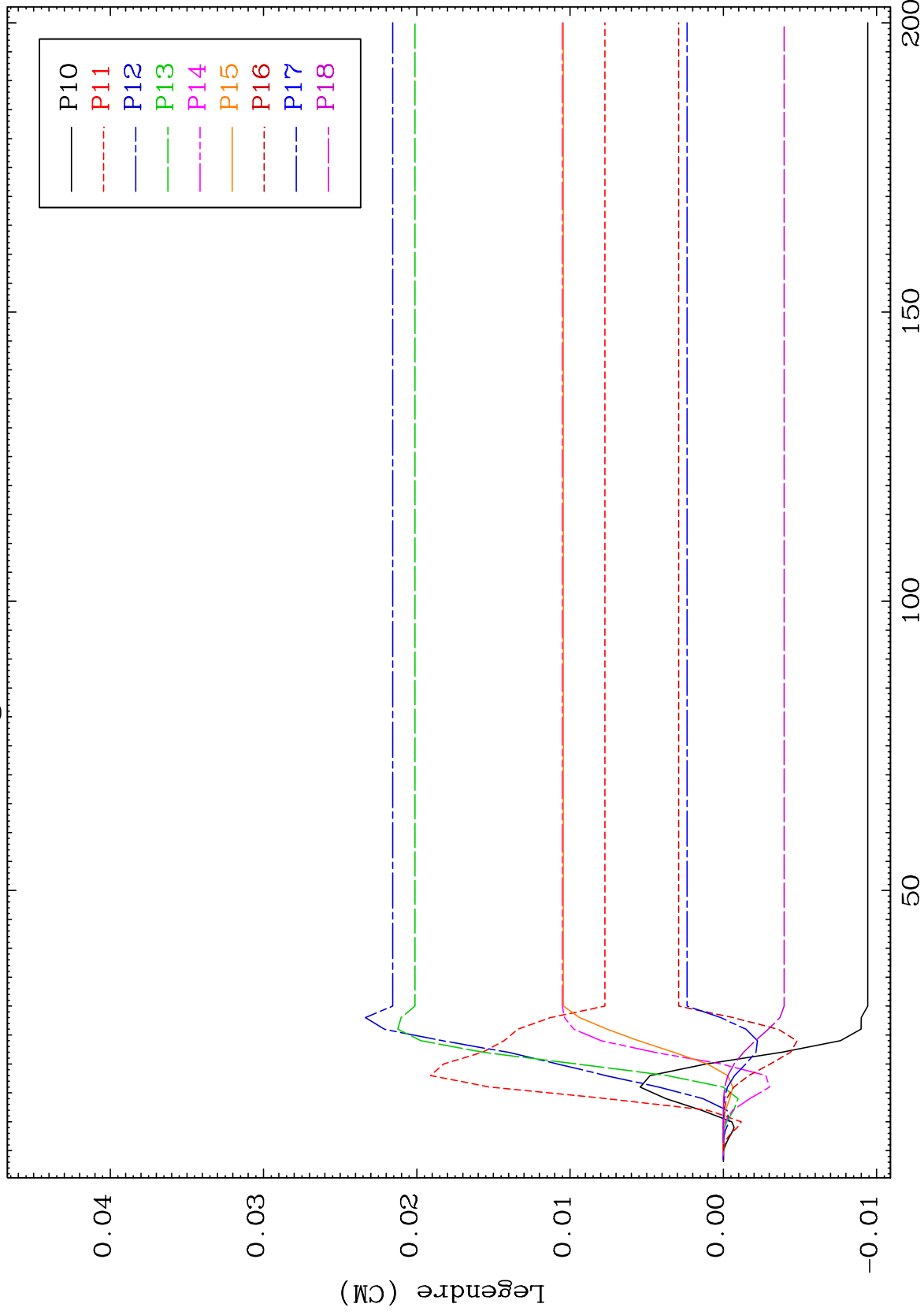
118

55-Cs-143

MAT 5555

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

55-Cs-143



119

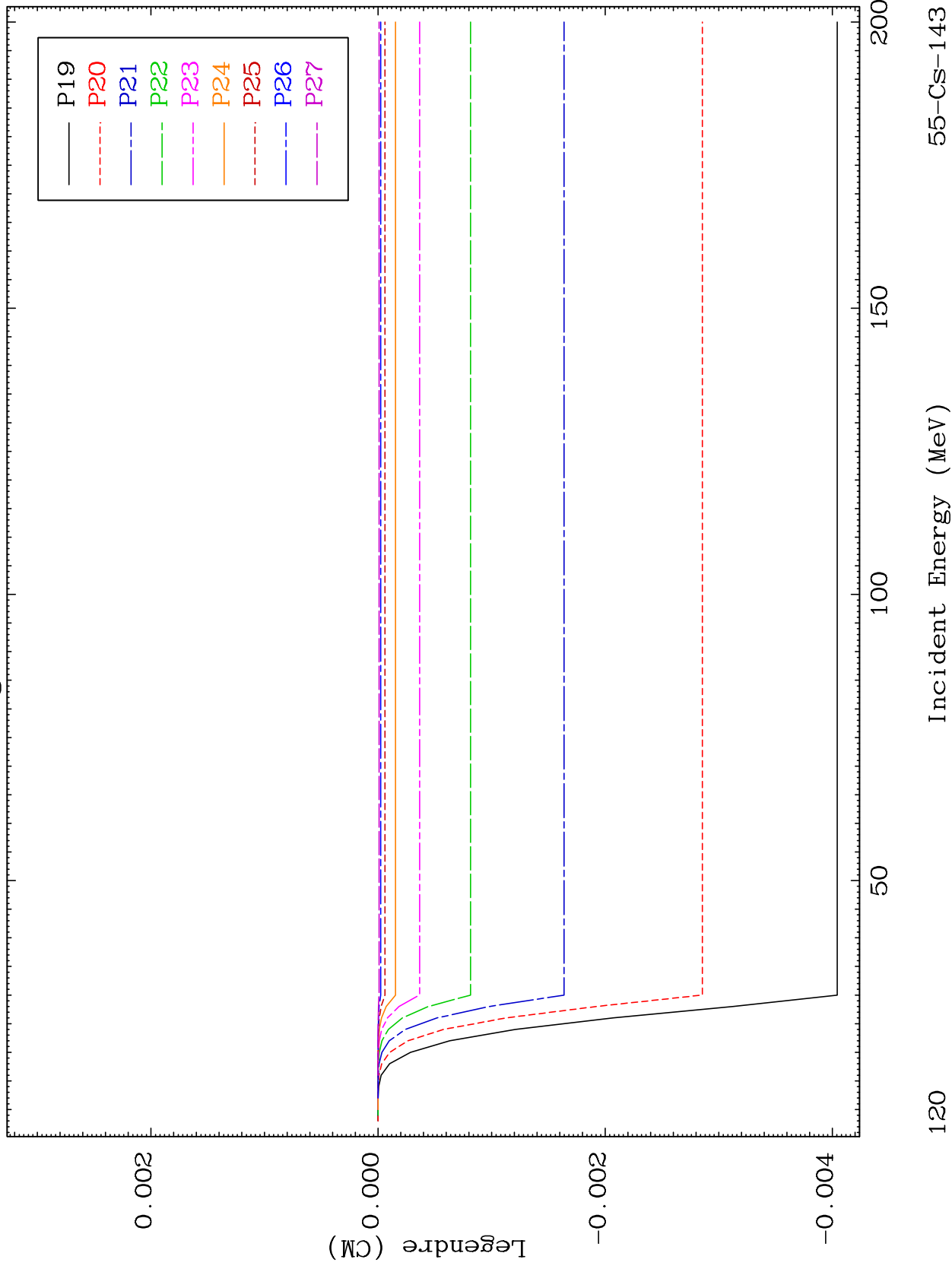
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

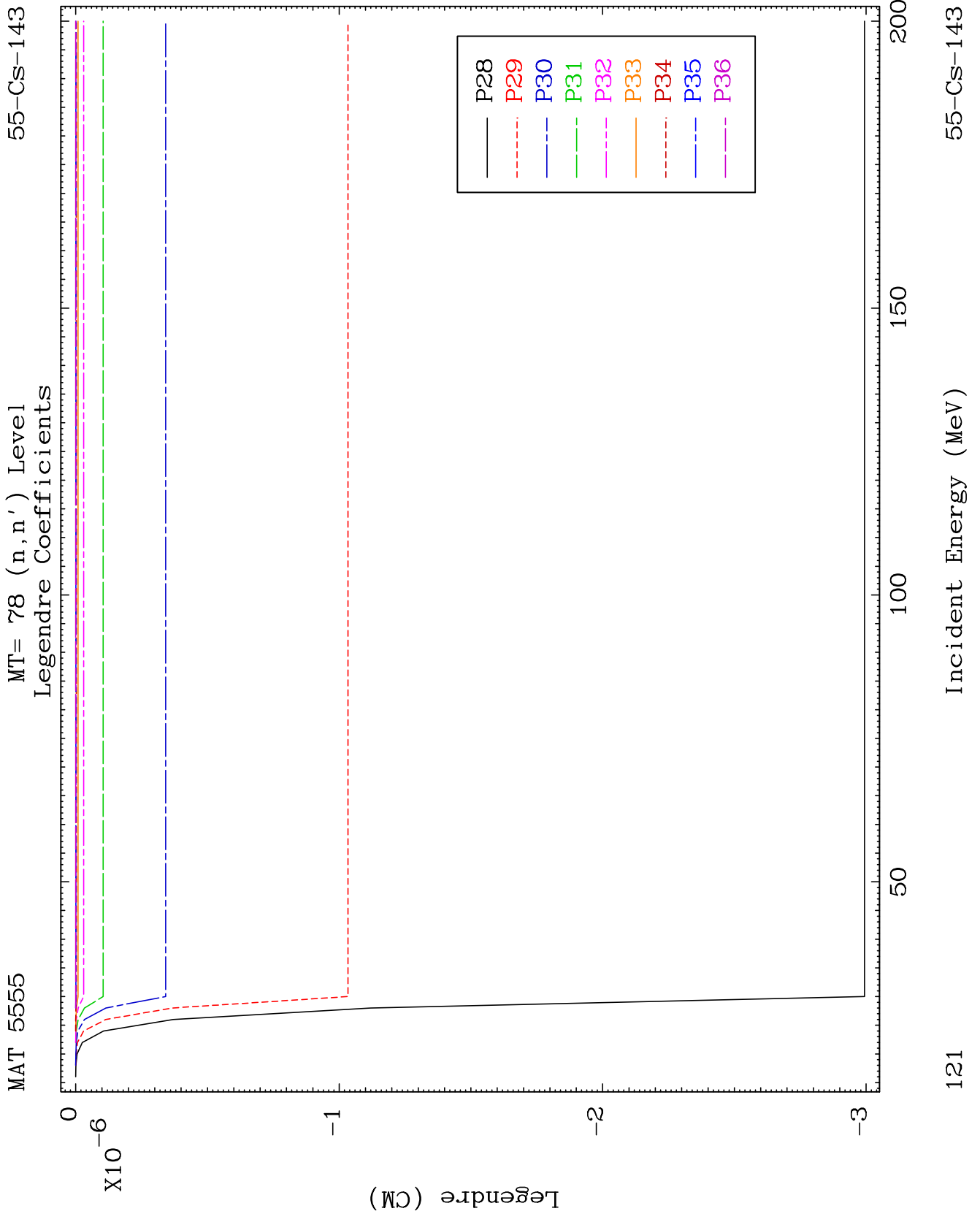
55-Cs-143



55-Cs-143

Incident Energy (MeV)

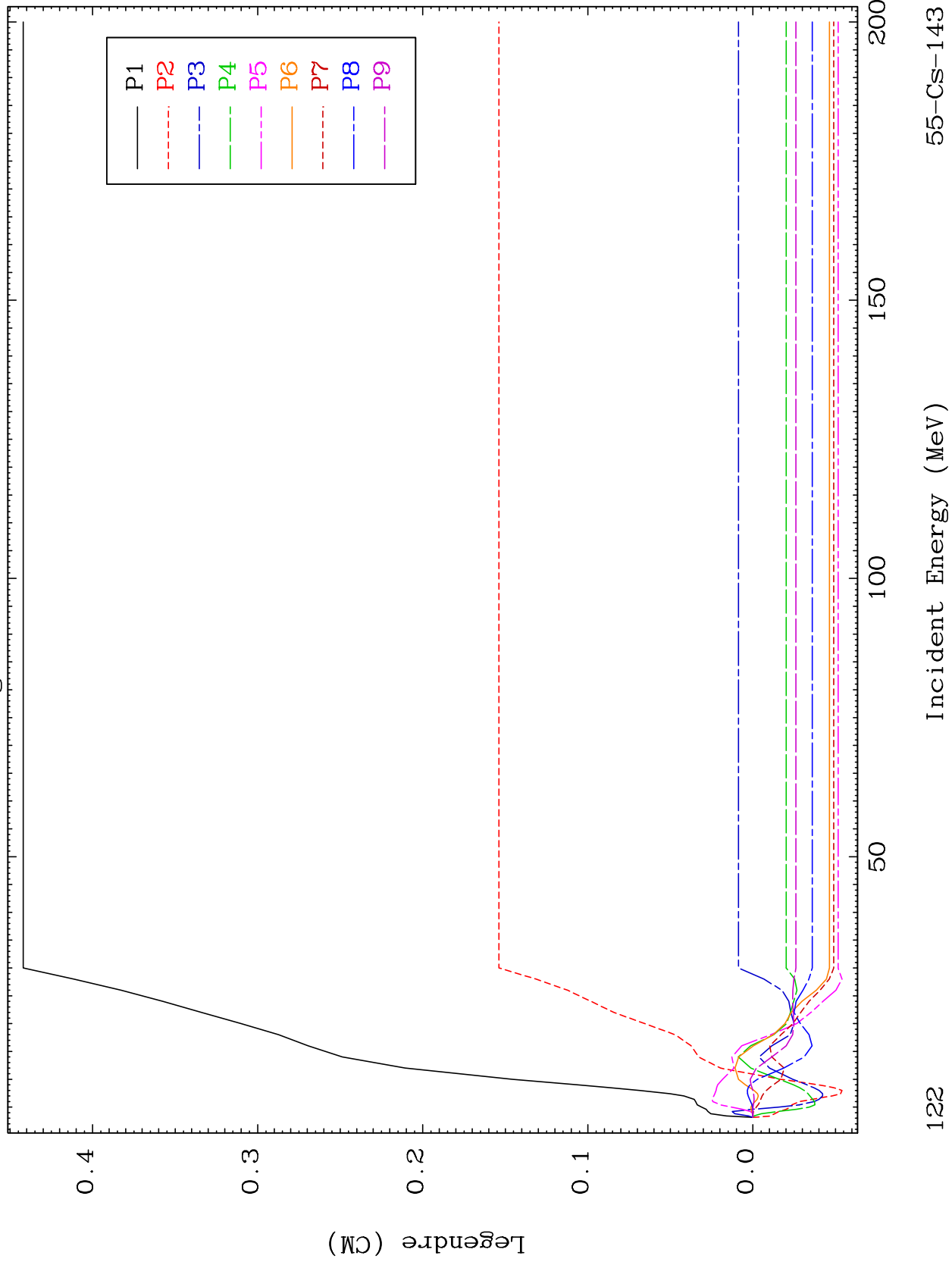
120



MAT 5555

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

55-Cs-143



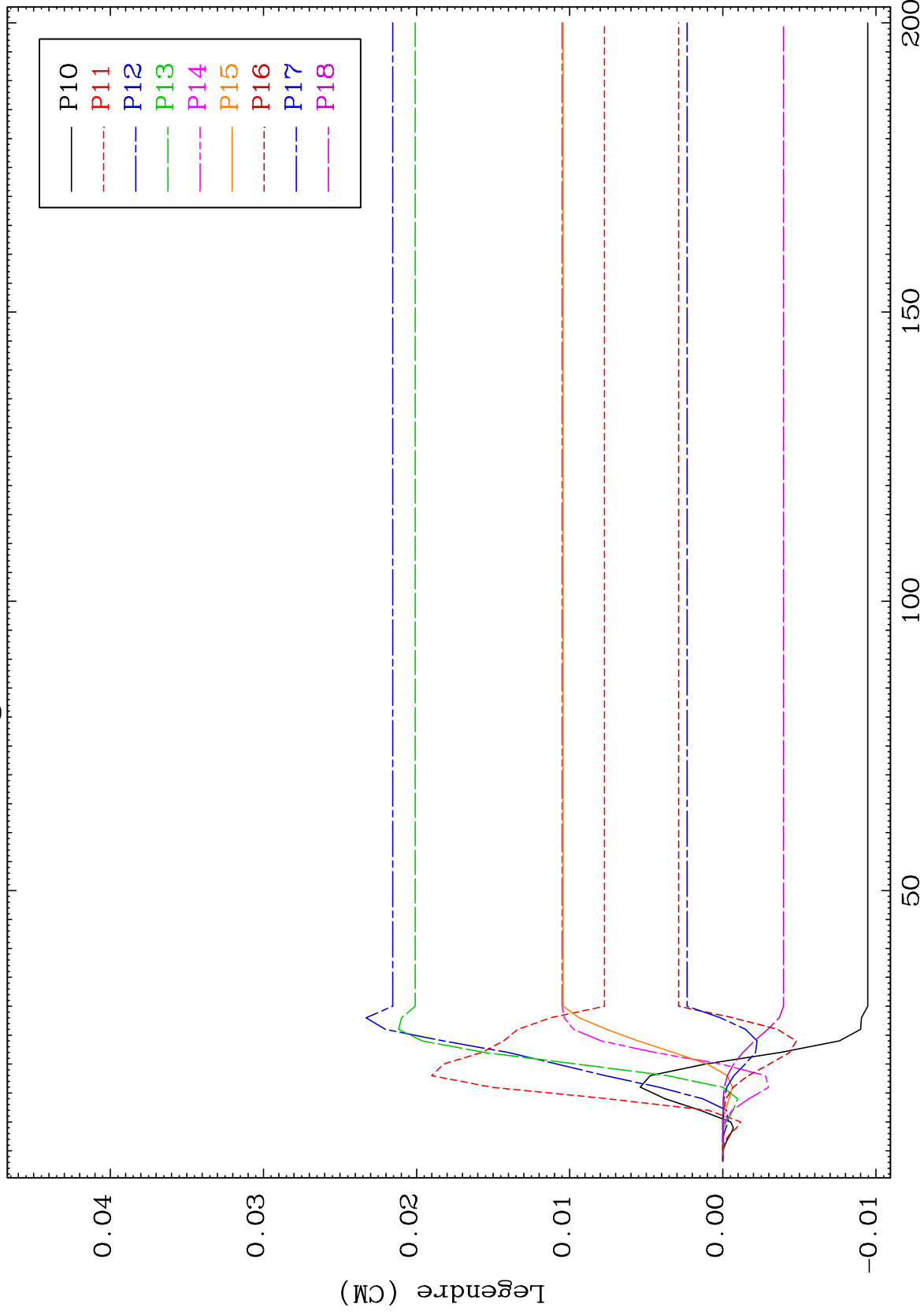
122

55-Cs-143

MAT 5555

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

55-Cs-143



123

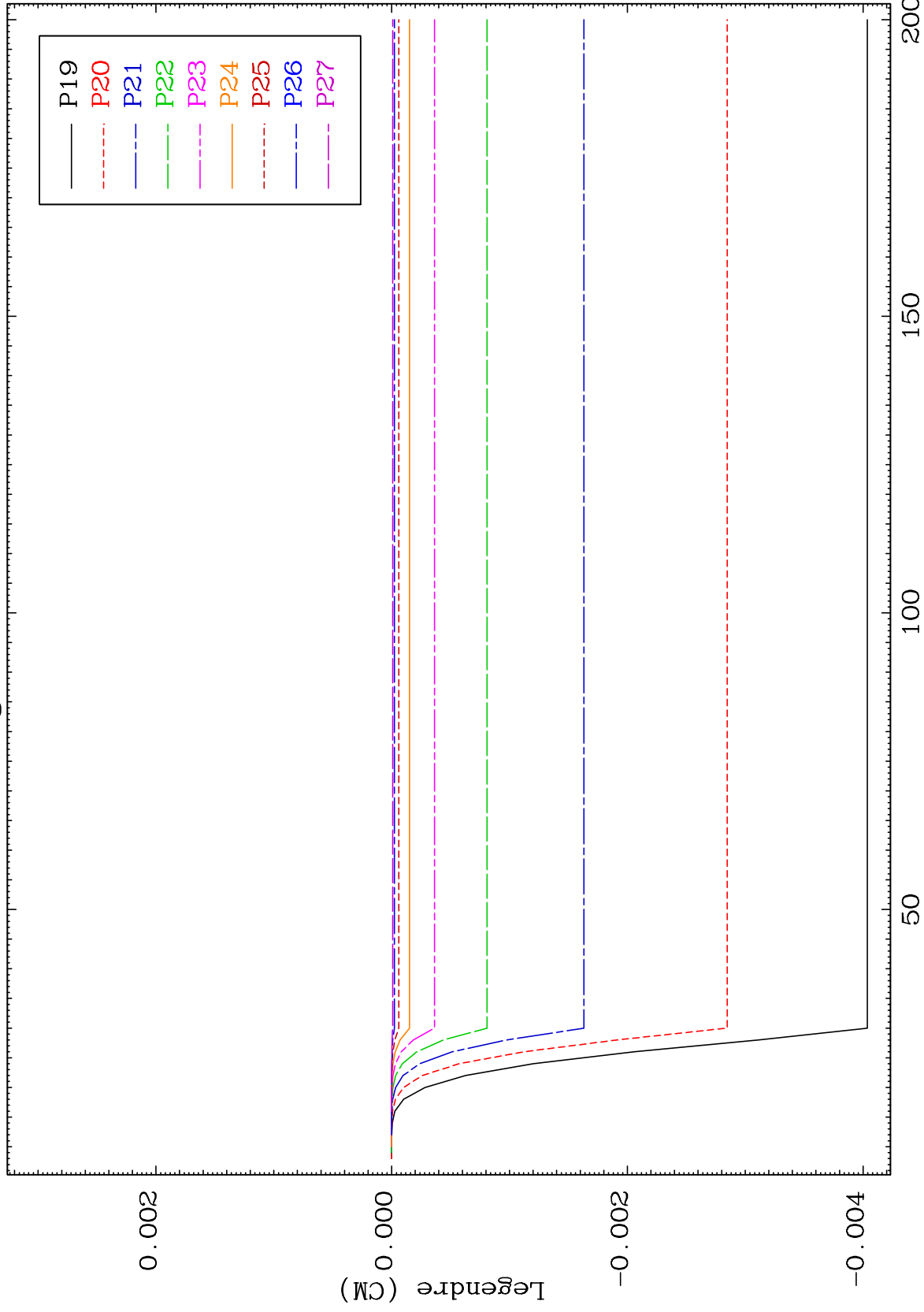
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

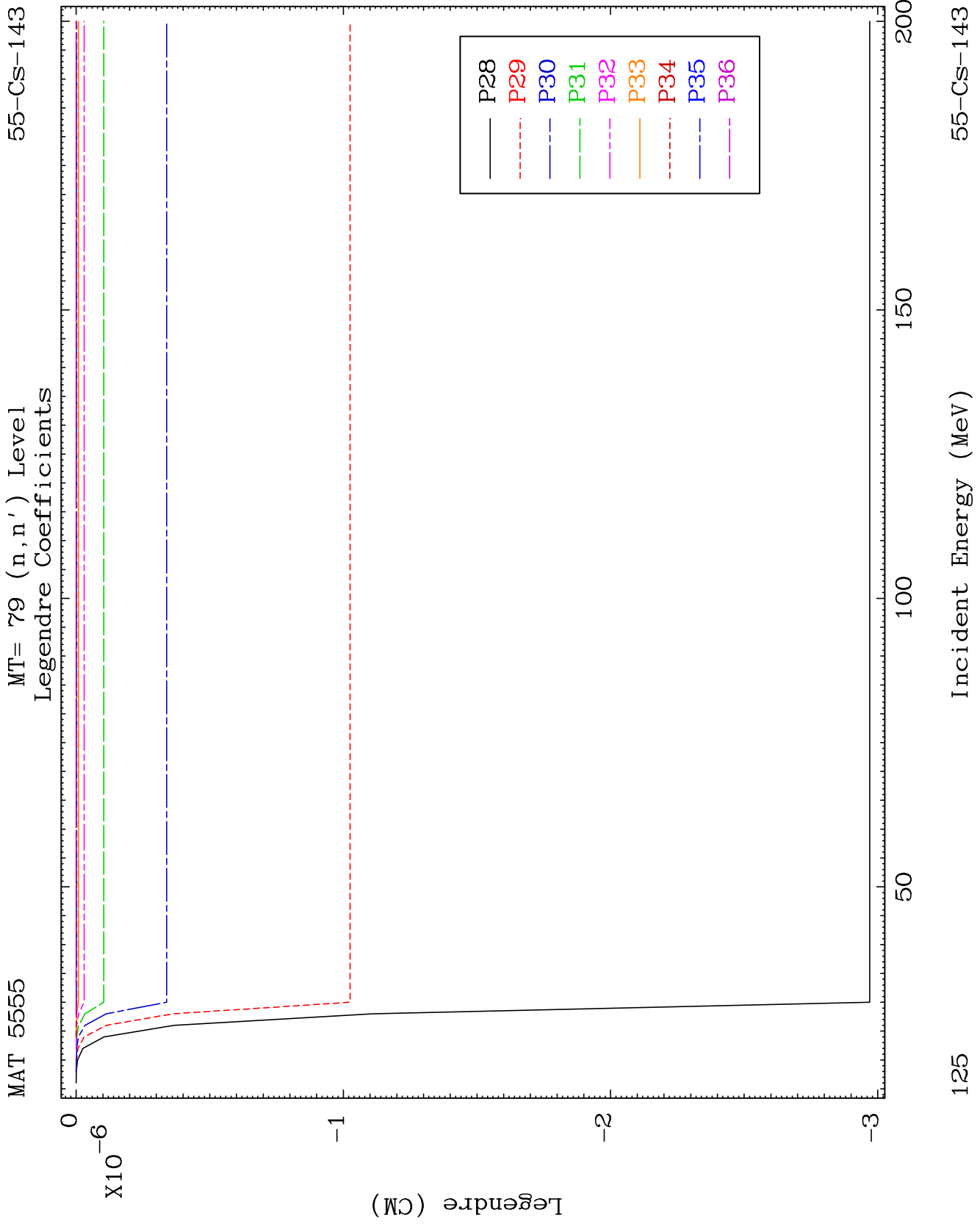
55-Cs-143



124

Incident Energy (MeV)

55-Cs-143



MAT 5555

55-Cs-143

Radionuclide Production Cross Section
(n, γ)

