

Program EVALPLOT
(Version 2017-1)

by

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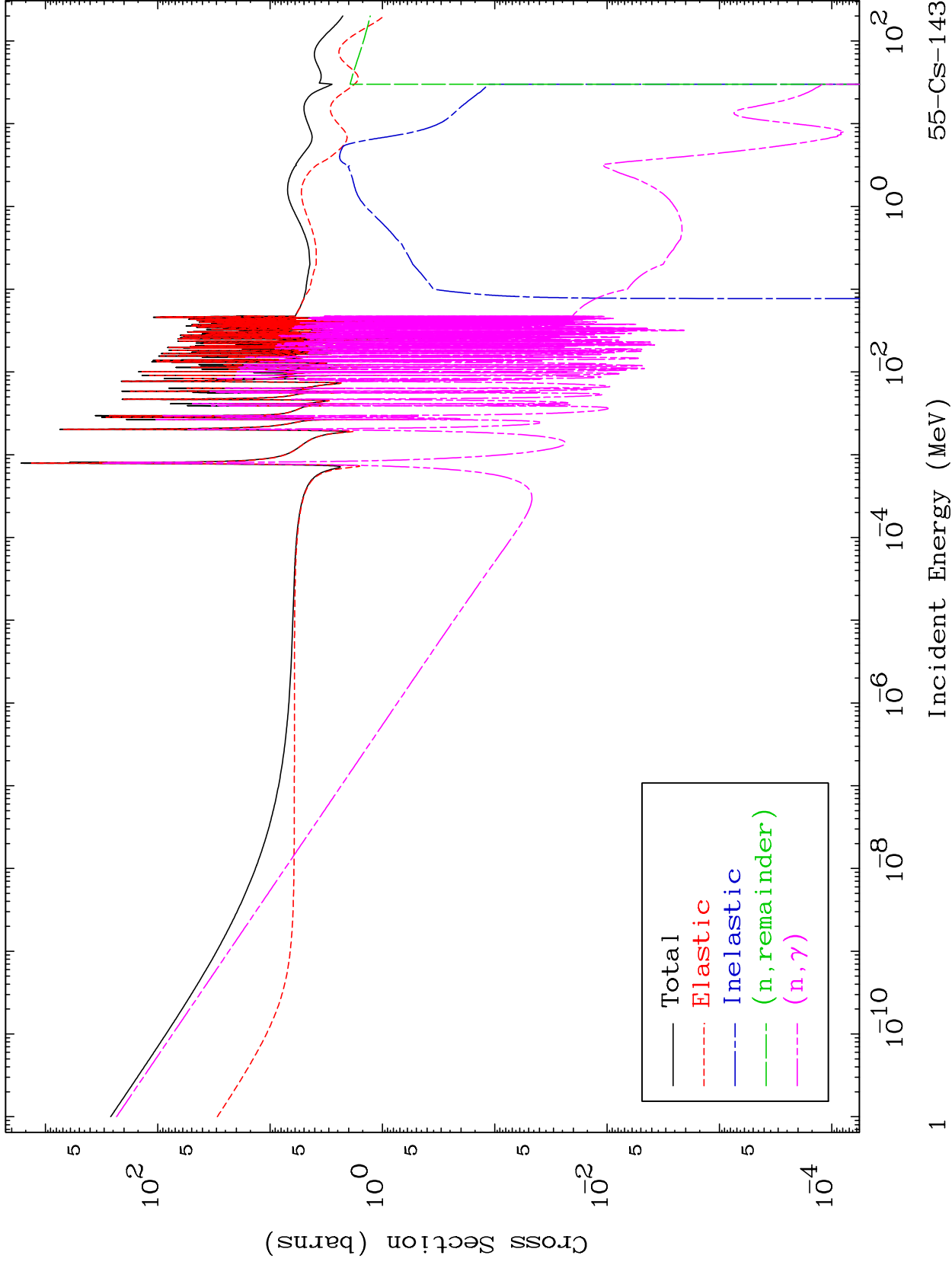
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5555

Major
293 Kelvin Cross Sections

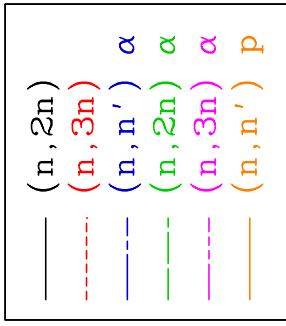
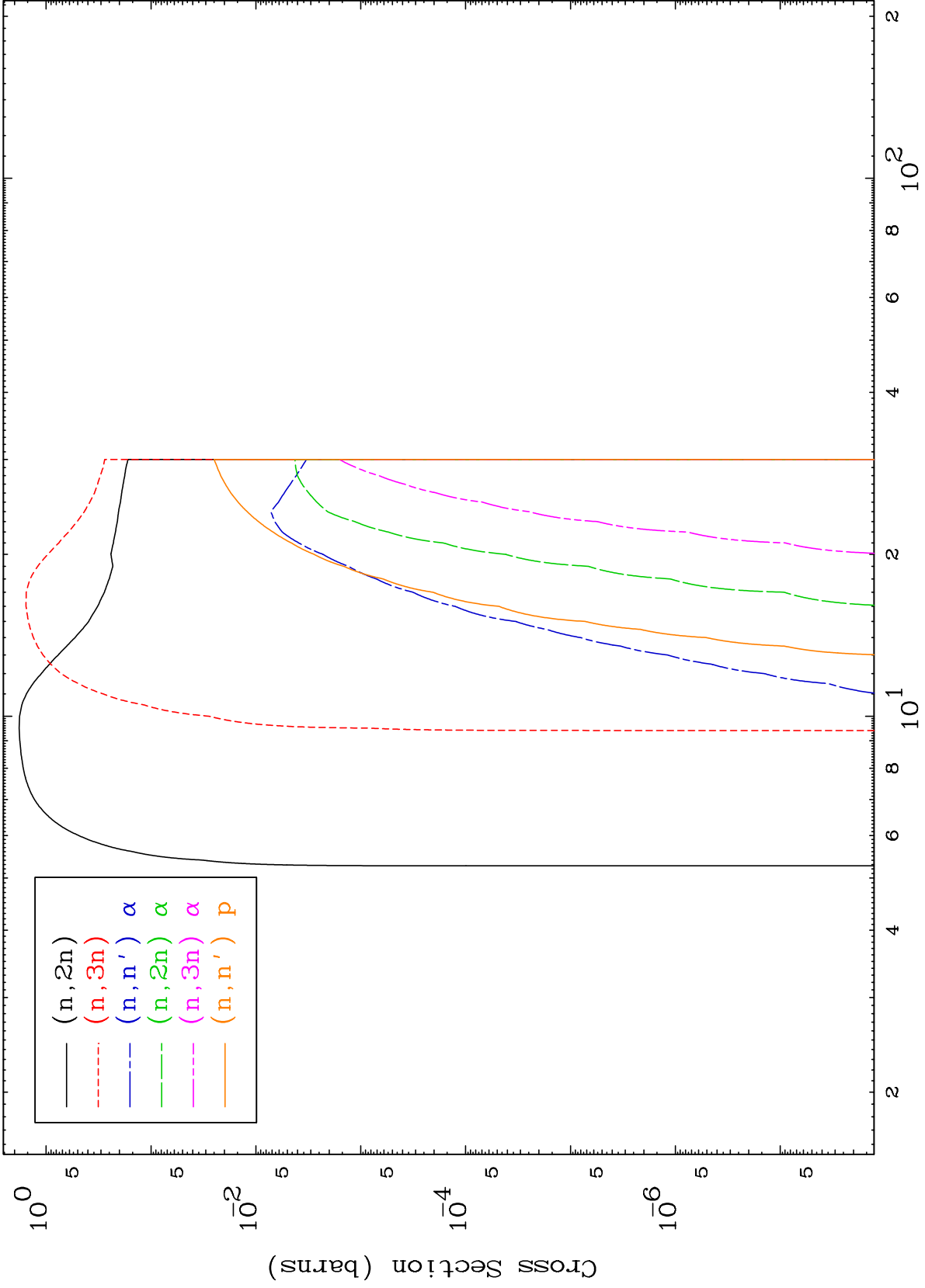
55-Cs-143



MAT 5555

Neutron Production
293 Kelvin Cross Sections

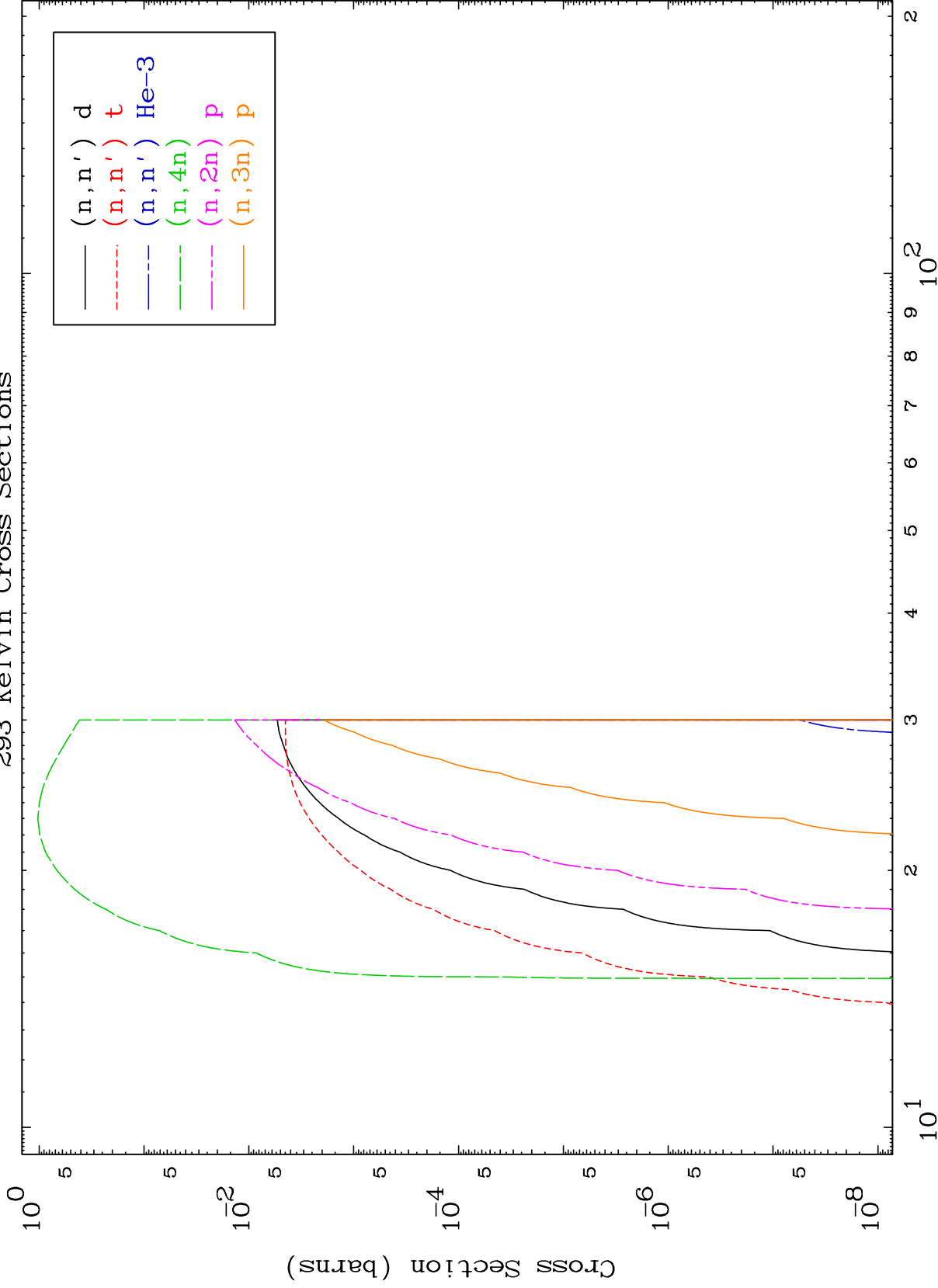
55-Cs-143



55-Cs-143

Incident Energy (MeV)

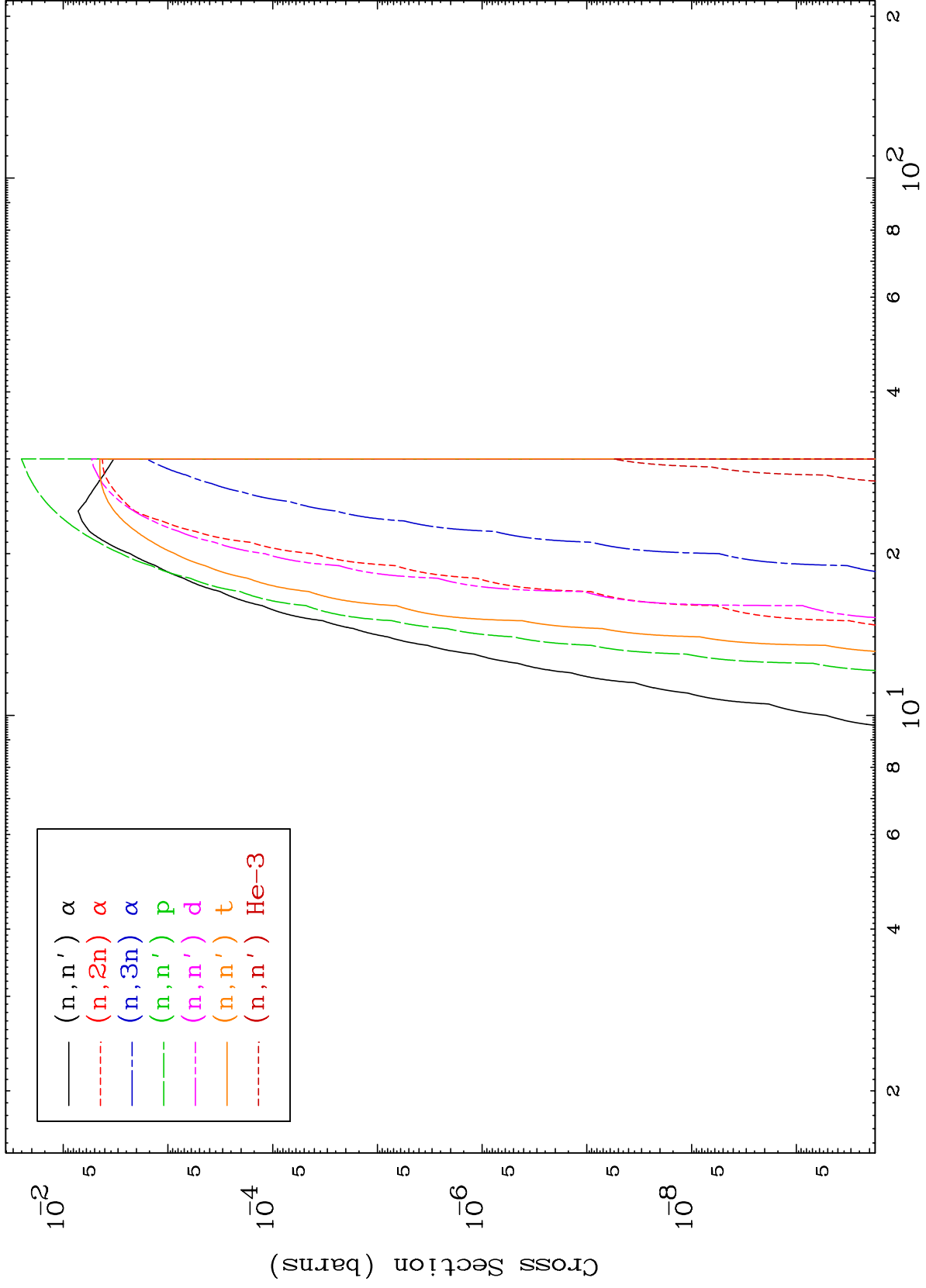
2



MAT 5555

Charged Particle
293 Kelvin Cross Sections

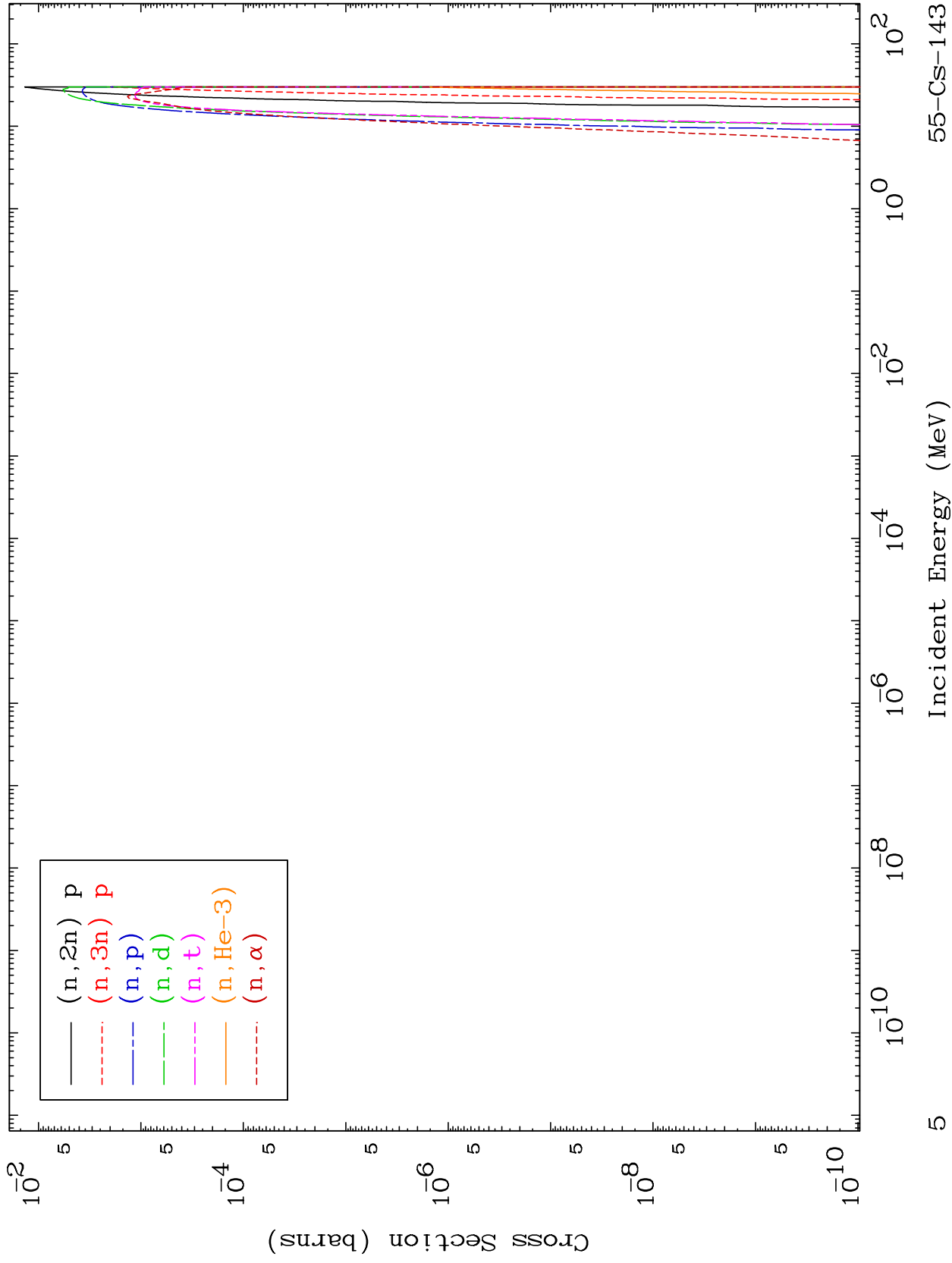
55-Cs-143



MAT 5555

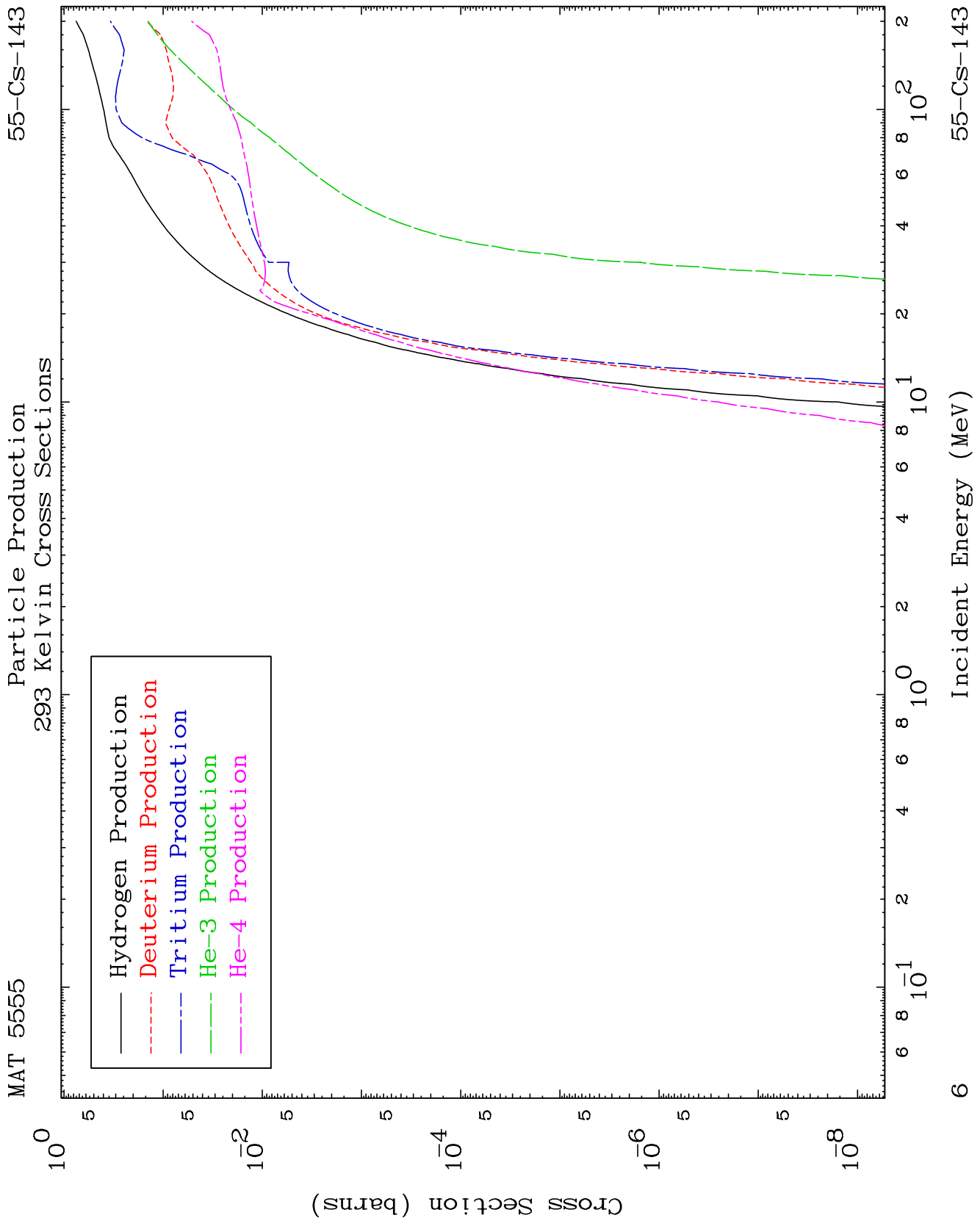
Charged Particle
293 Kelvin Cross Sections

55-Cs-143



5

55-Cs-143

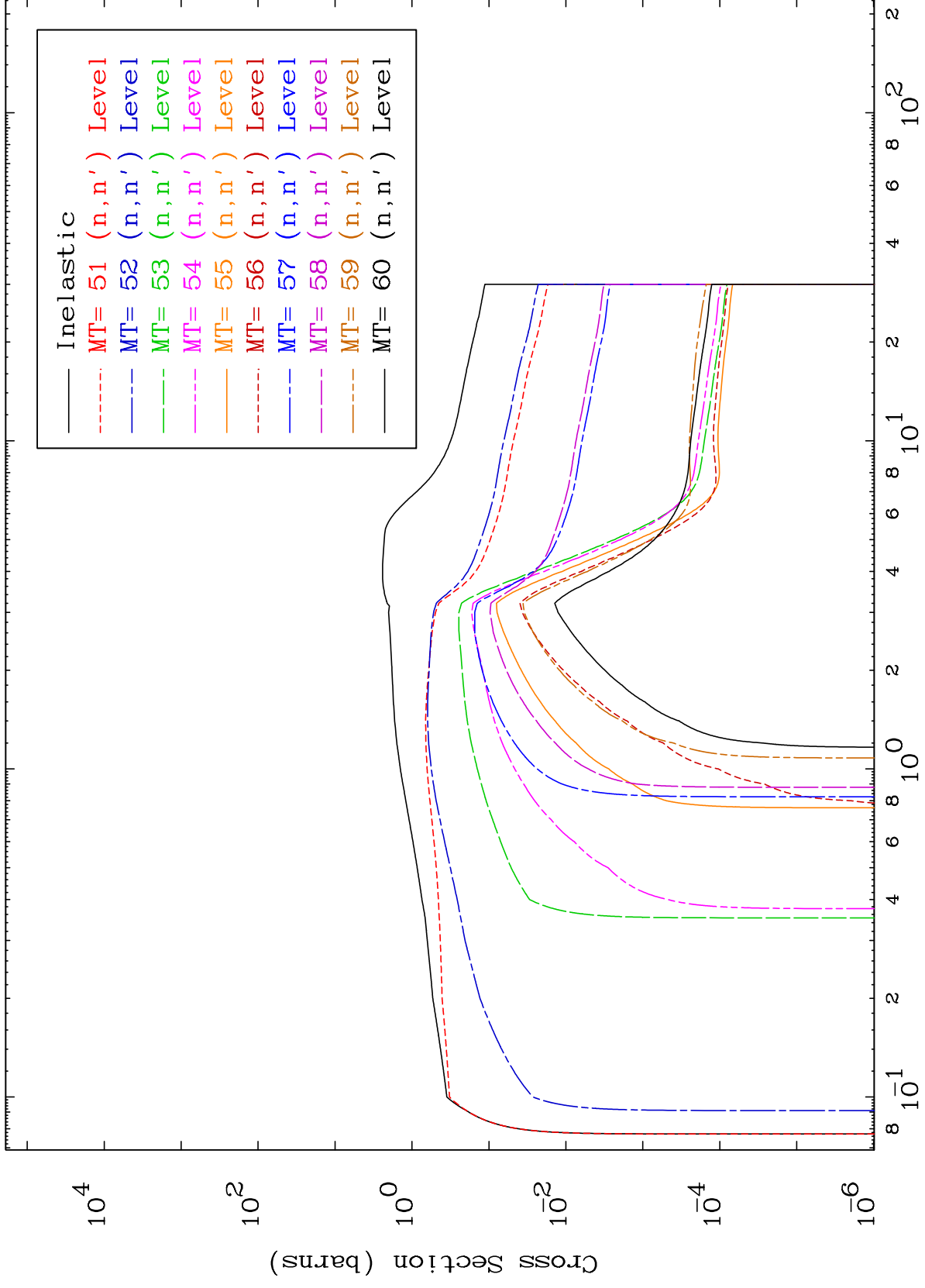


MAT 5555

(n,n') Level

55-Cs-143

293 Kelvin Cross Sections



7

Incident Energy (MeV)

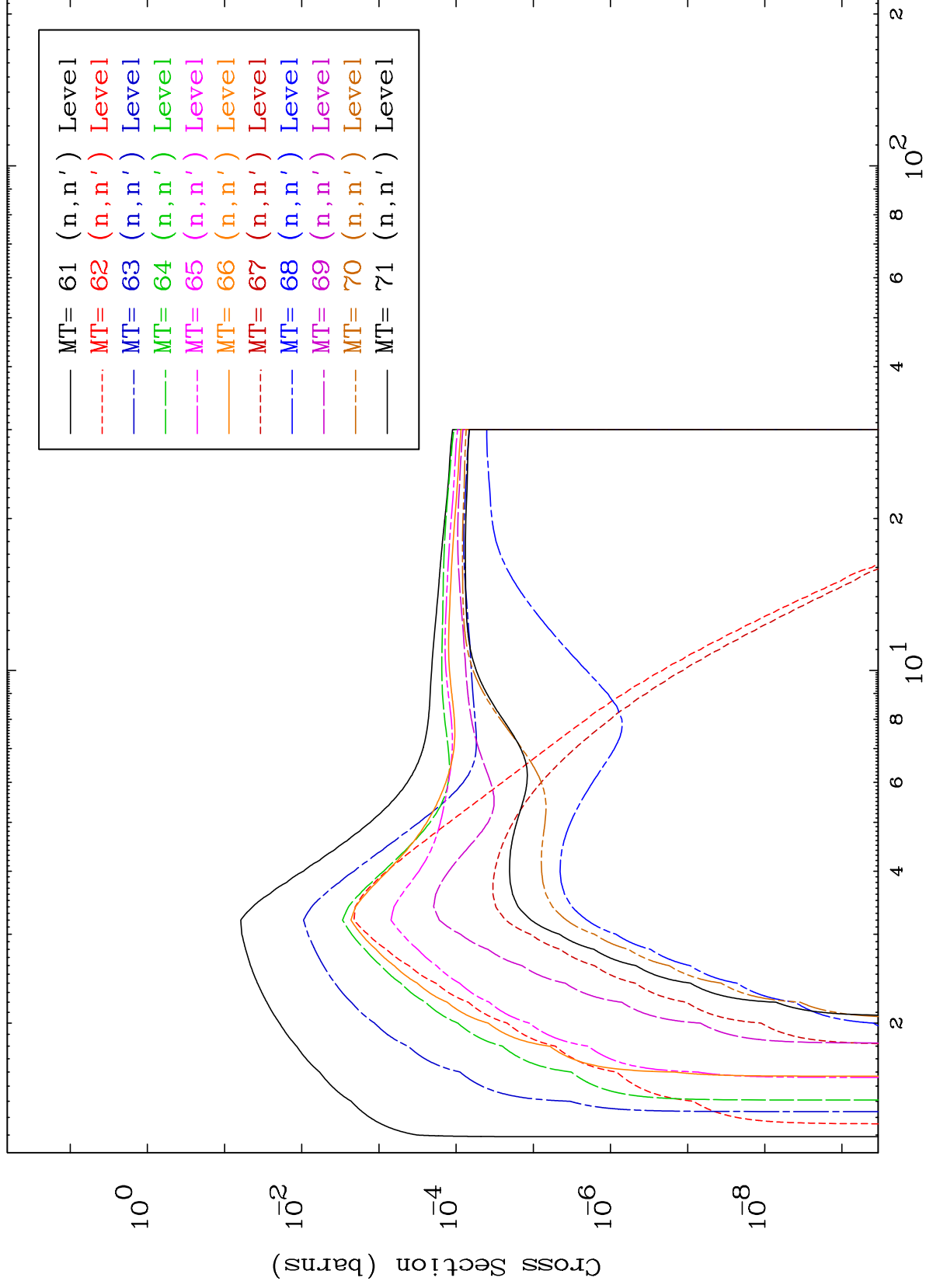
55-Cs-143

MAT 5555

(n,n') Level

293 Kelvin Cross Sections

55-Cs-143

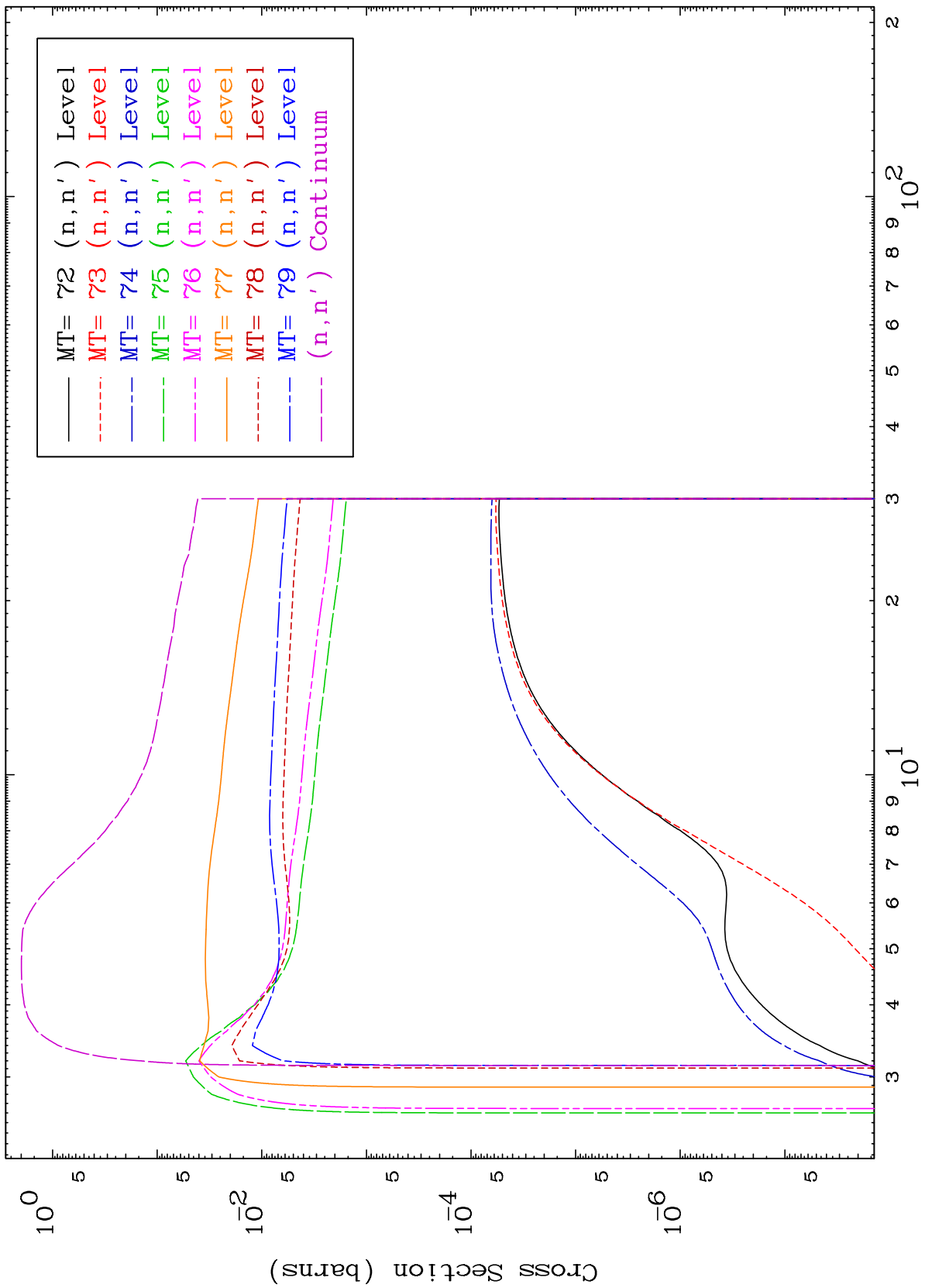


8

Incident Energy (MeV)

55-Cs-143

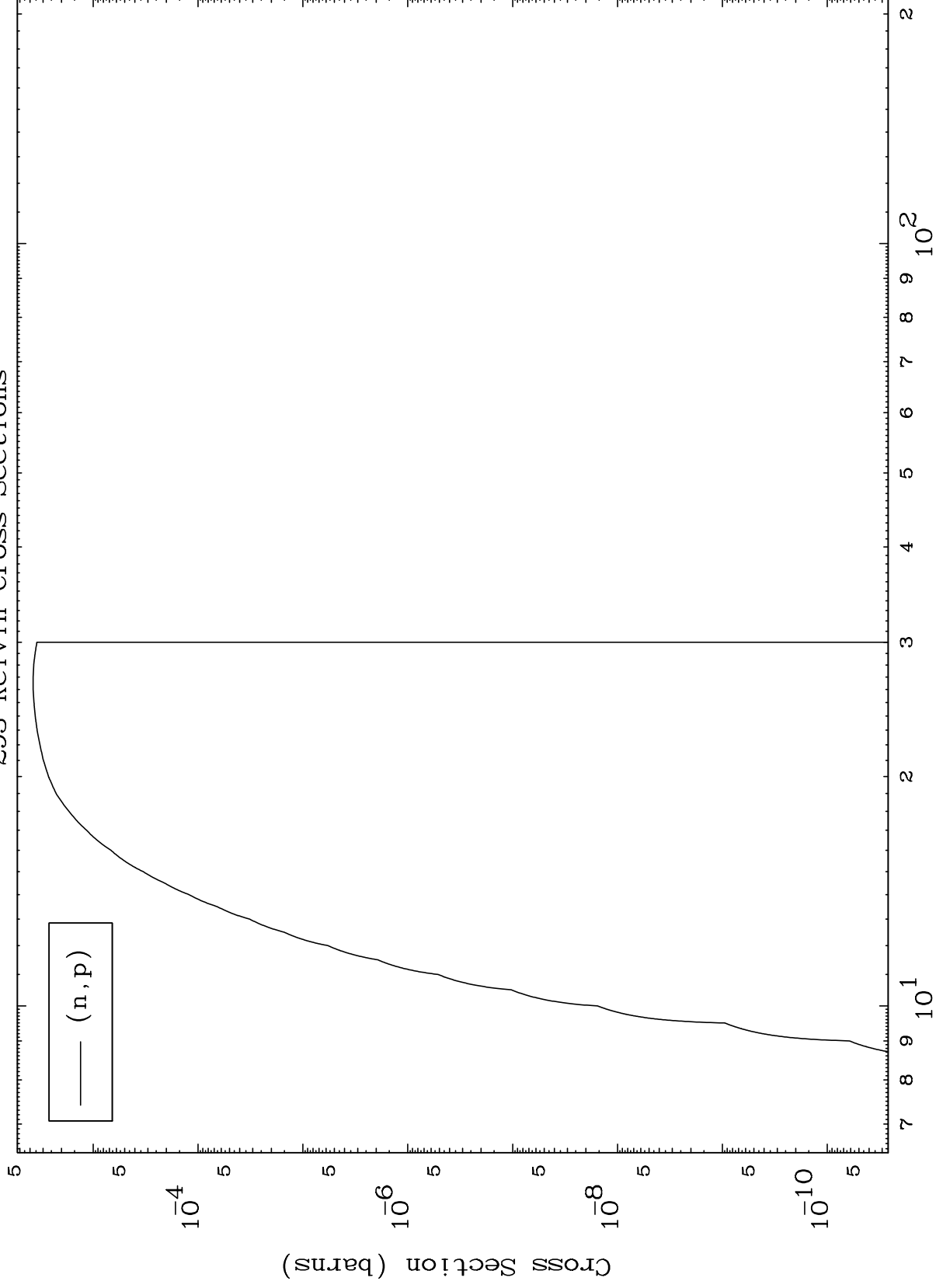
293 Kelvin Cross Sections



MAT 5555

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-143



10

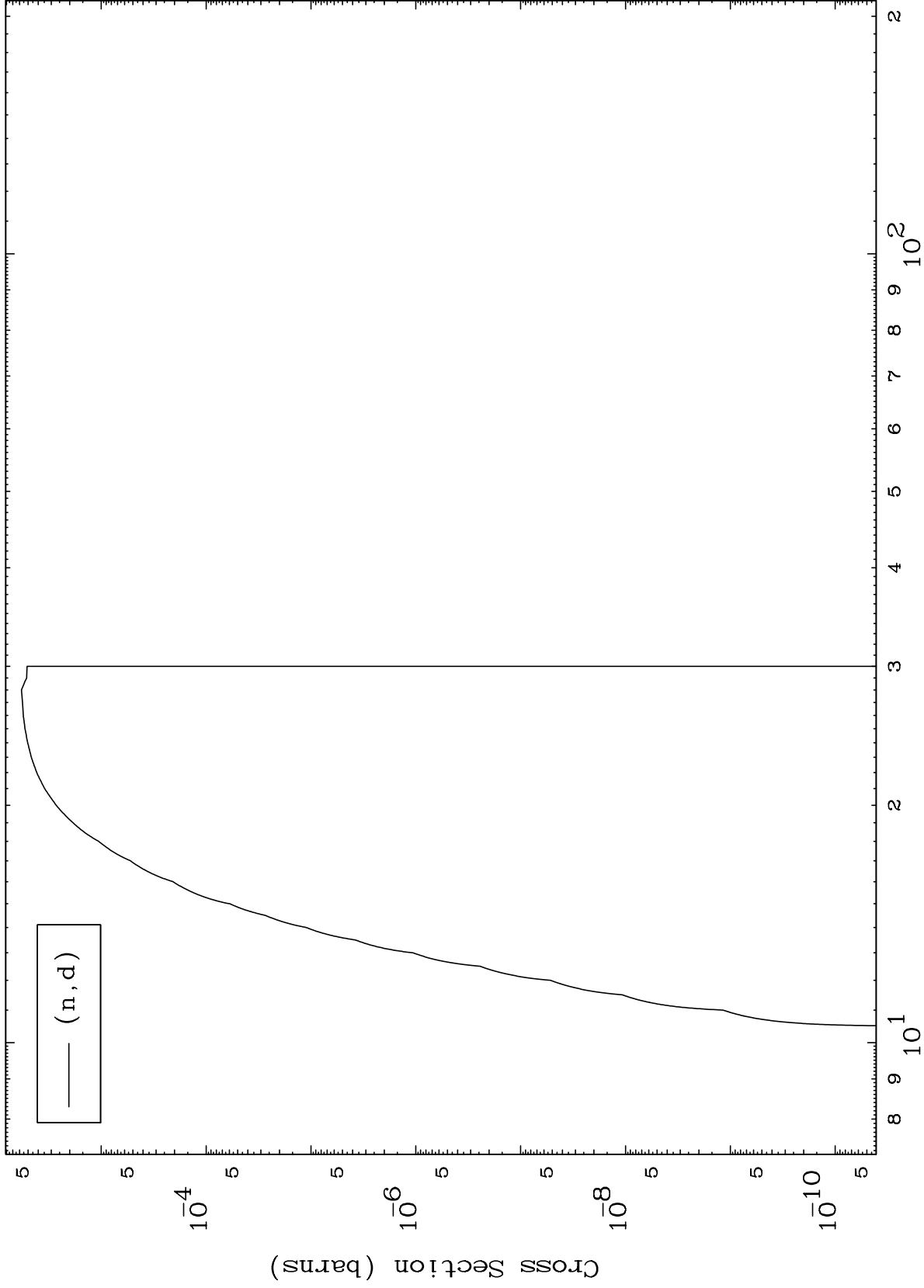
Incident Energy (MeV)

55-Cs-143

MAT 5555

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-143



11

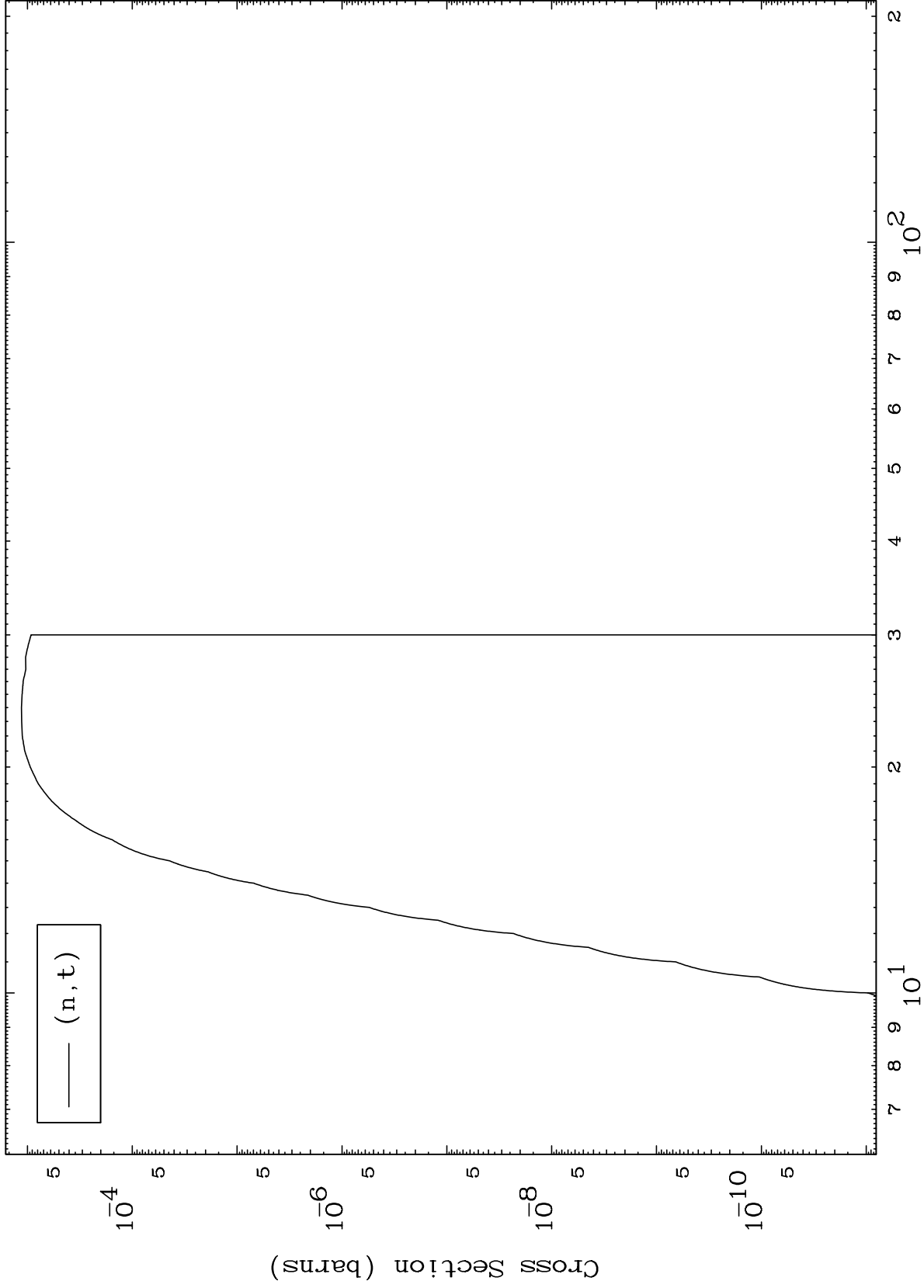
Incident Energy (MeV)

55-Cs-143

MAT 5555

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-143



12

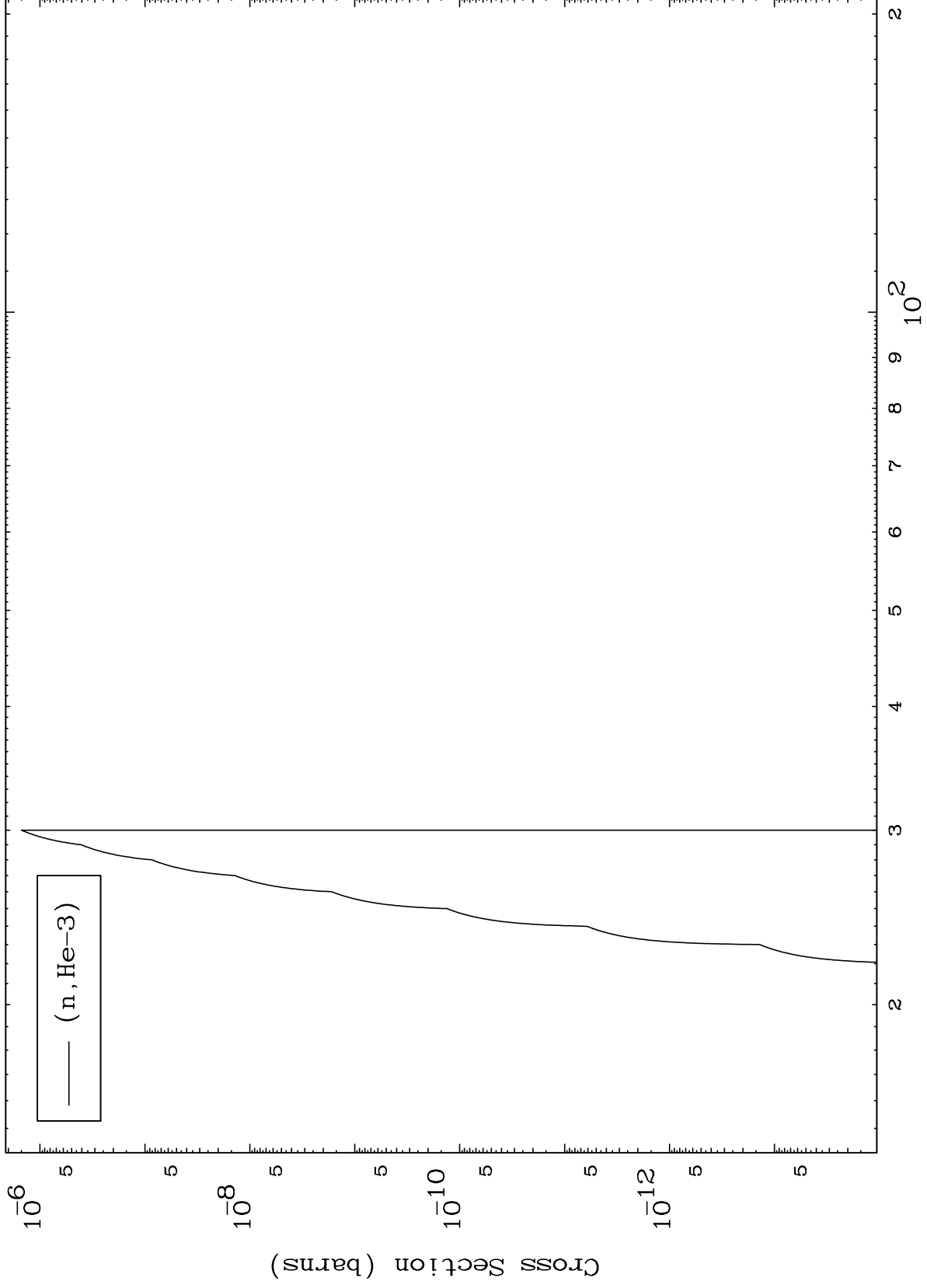
Incident Energy (MeV)

55-Cs-143

MAT 5555

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-143



13

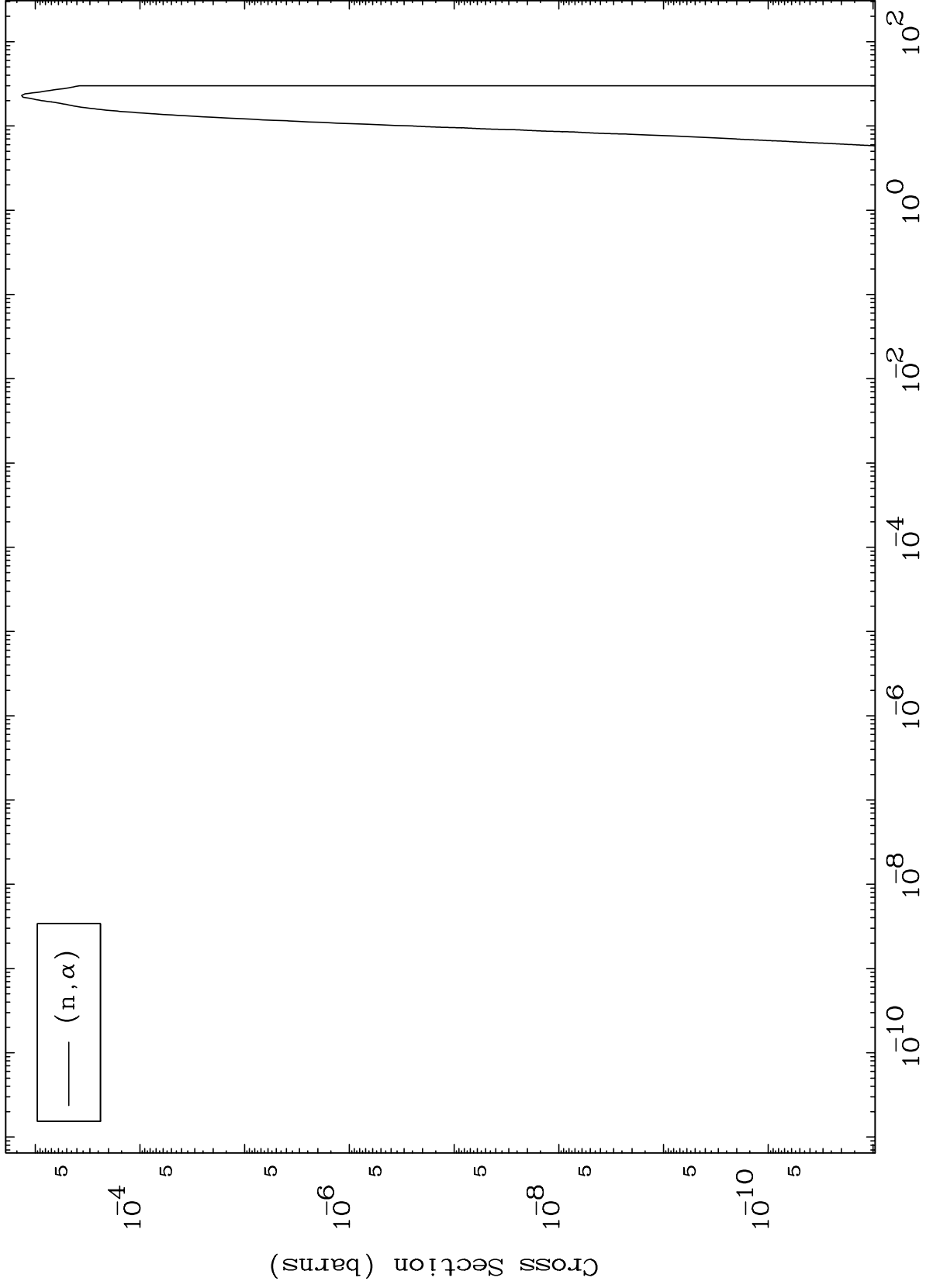
Incident Energy (MeV)

55-Cs-143

MAT 5555

(n, α) Levels
293 Kelvin Cross Sections

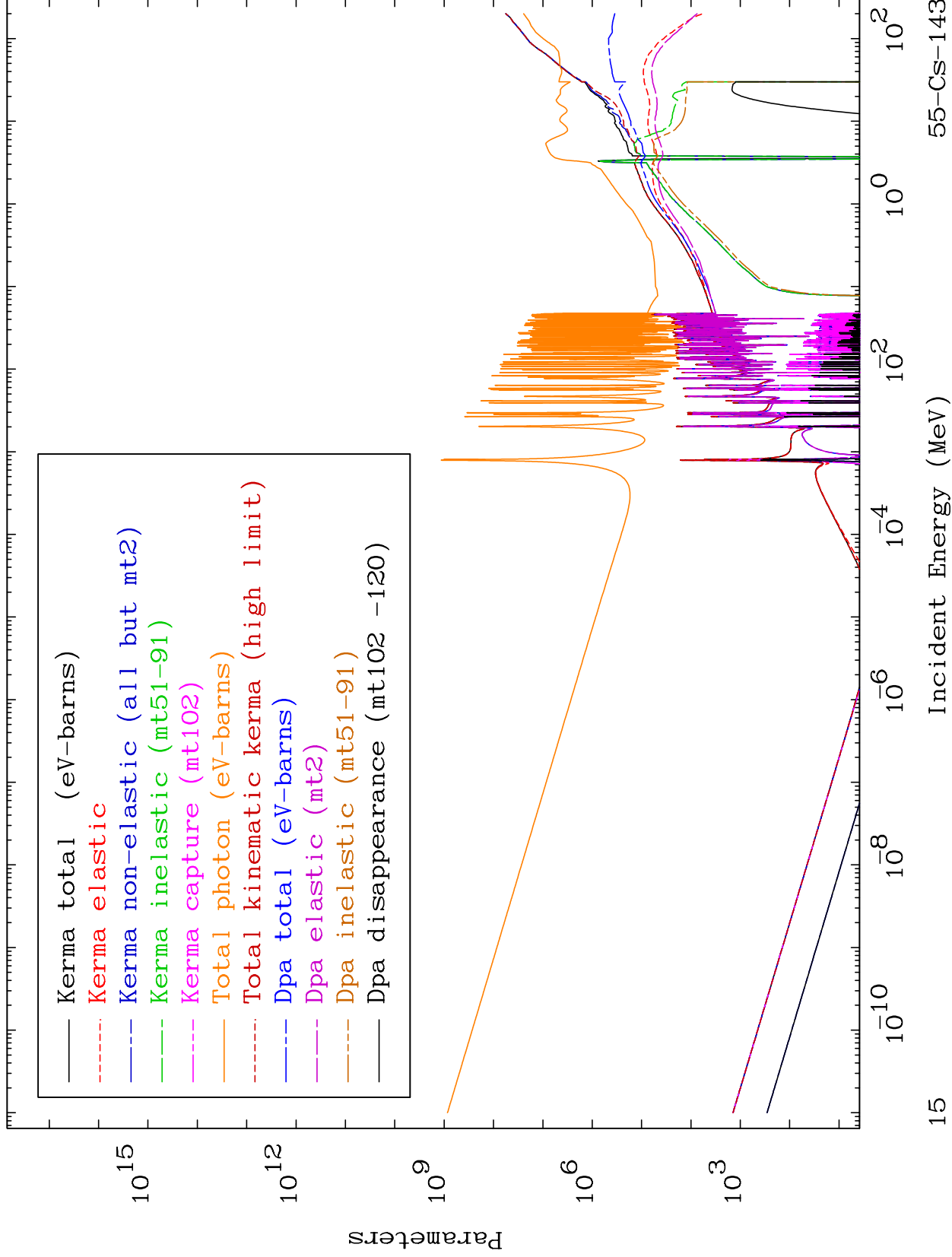
55-Cs-143



14

Incident Energy (MeV)

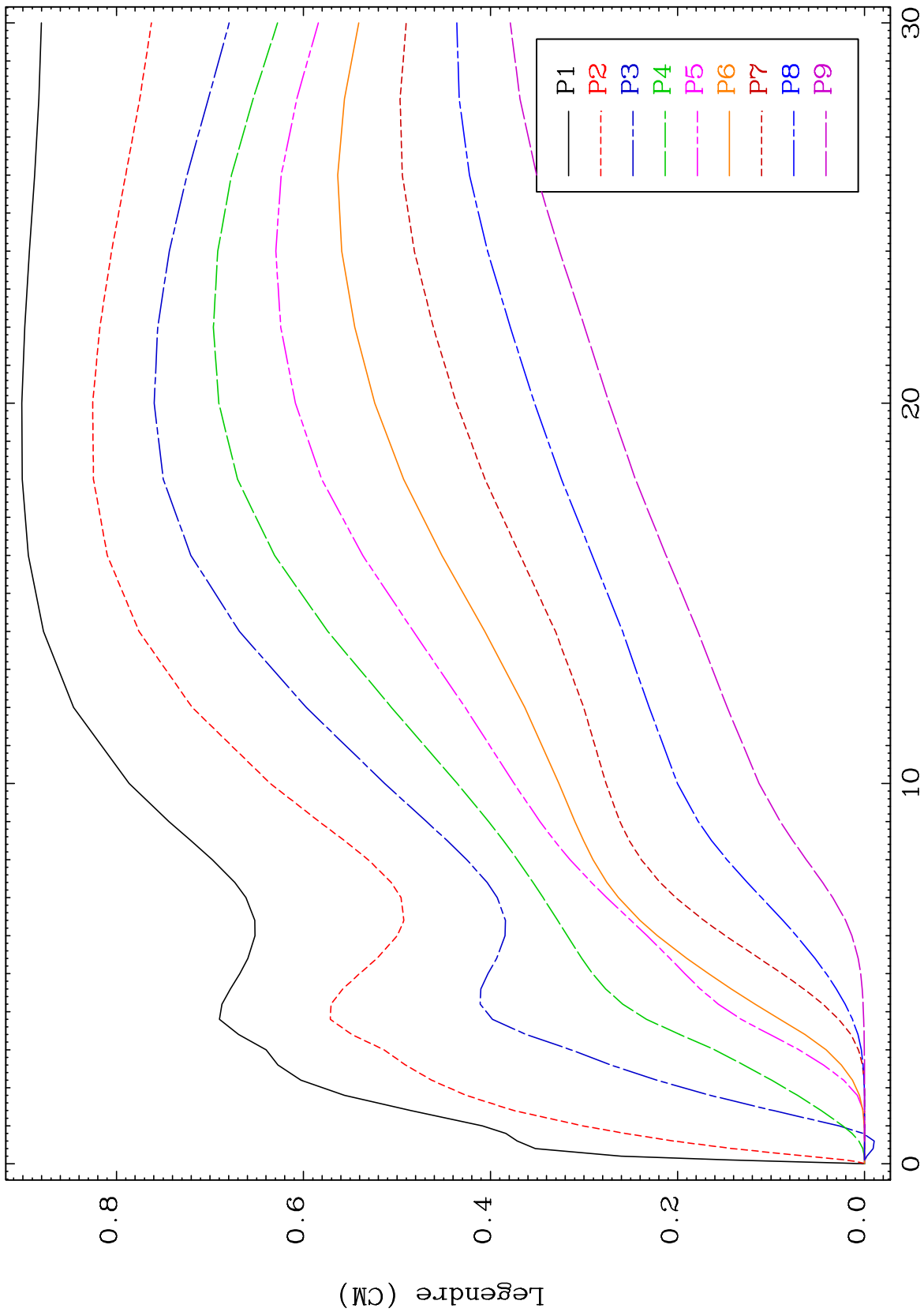
55-Cs-143



MAT 5555

Elastic Legendre Coefficients

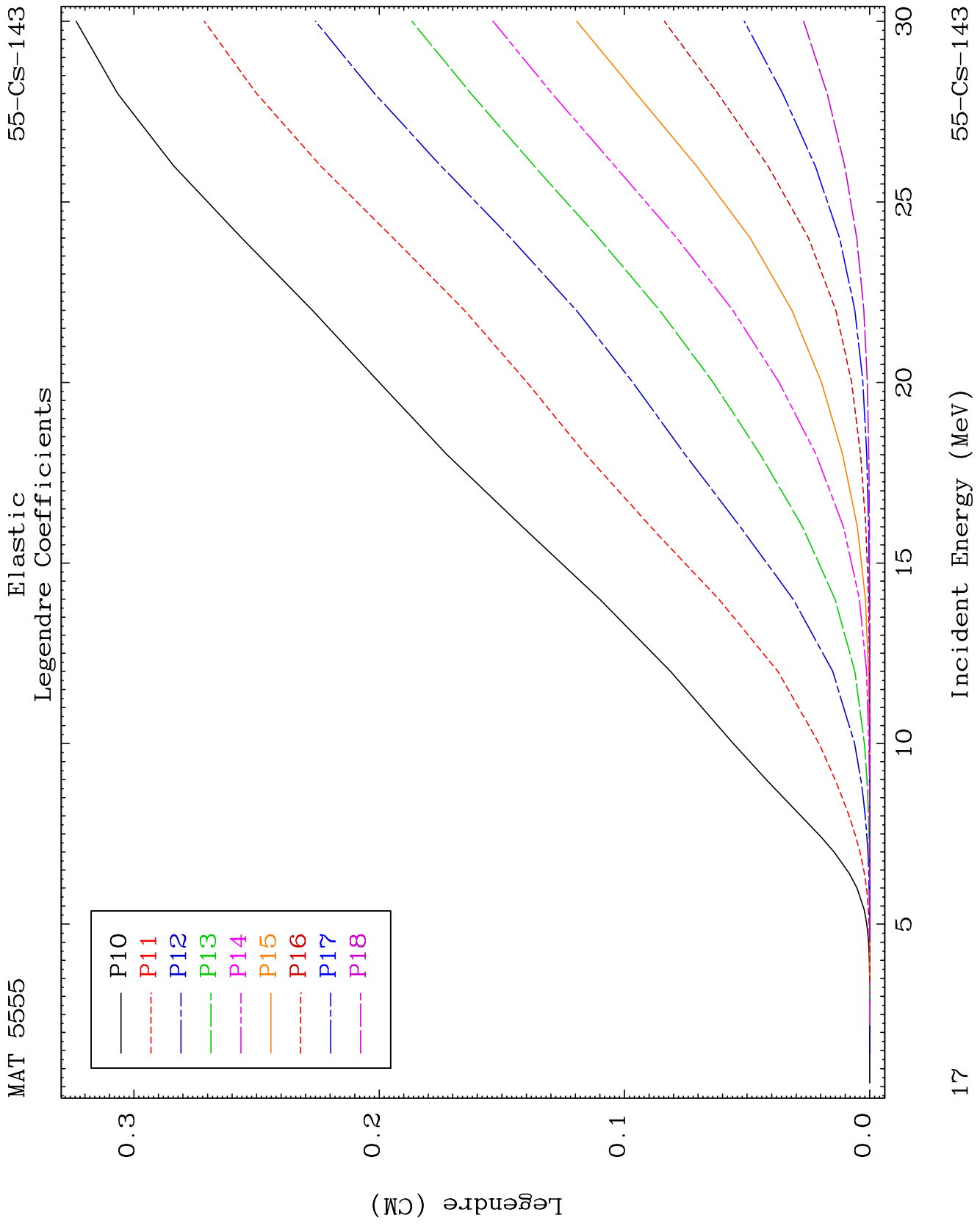
55-Cs-143



16

Incident Energy (MeV)

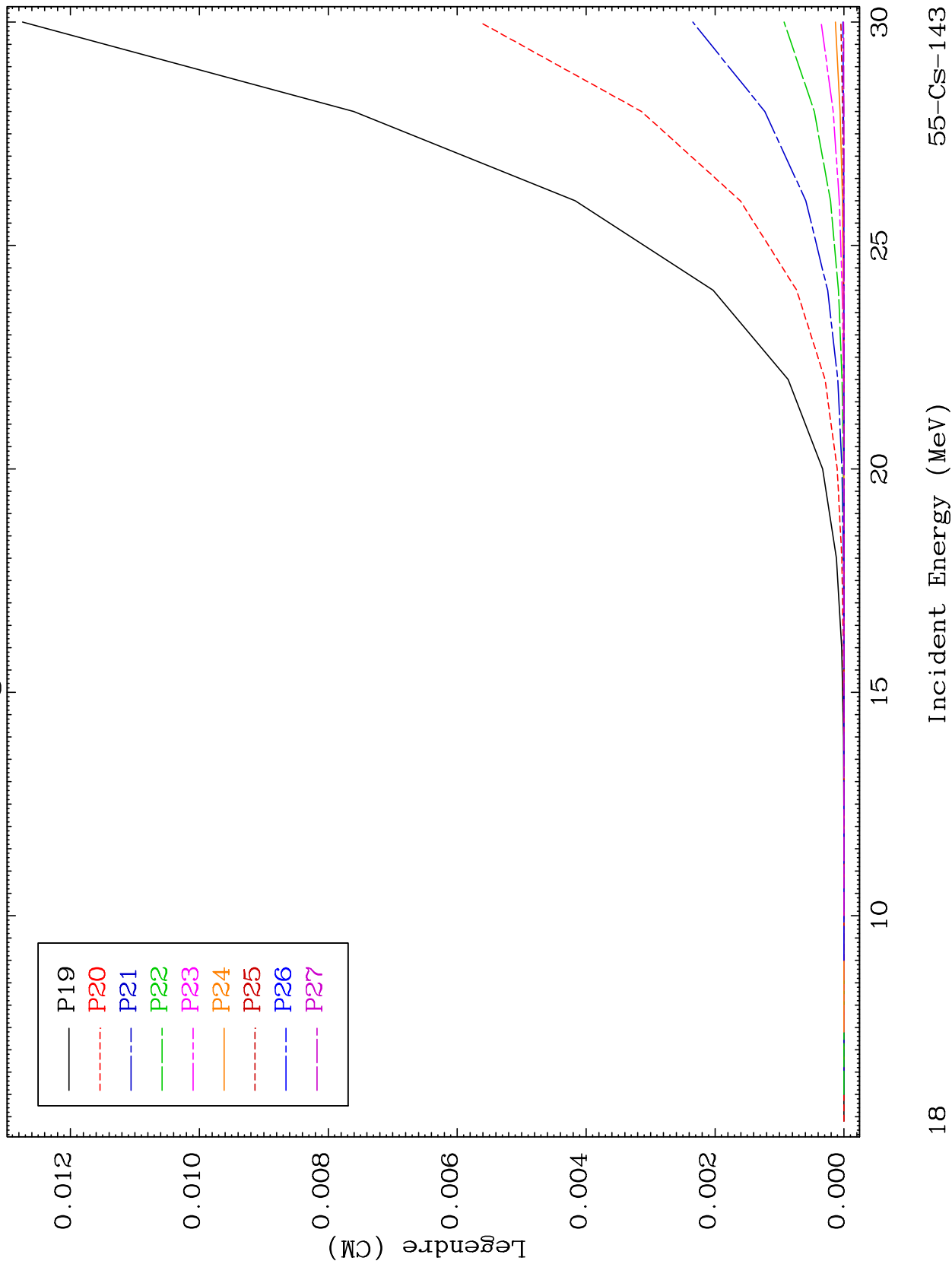
55-Cs-143



MAT 5555

Elastic Legendre Coefficients

55-Cs-143



18

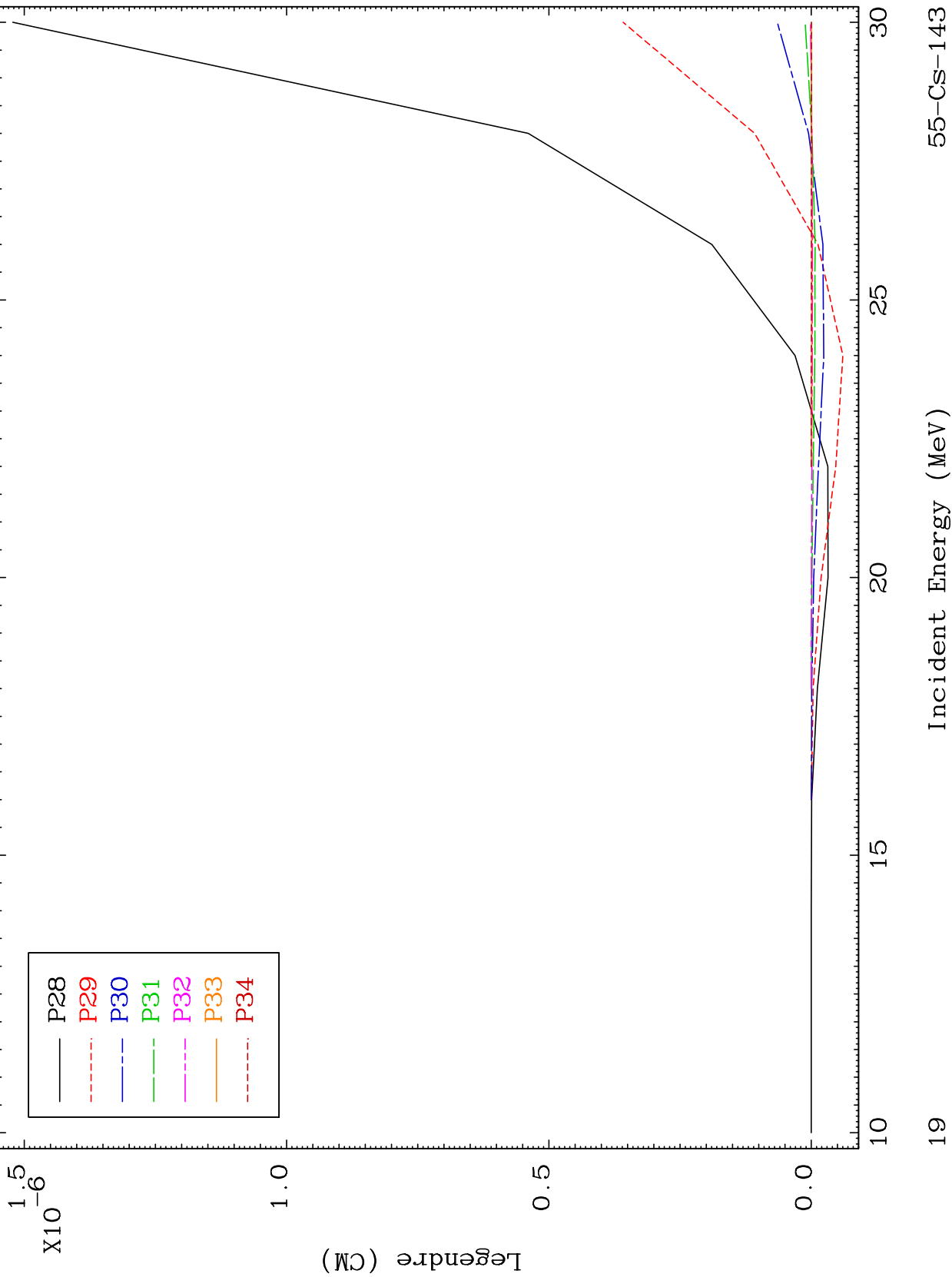
Incident Energy (MeV)

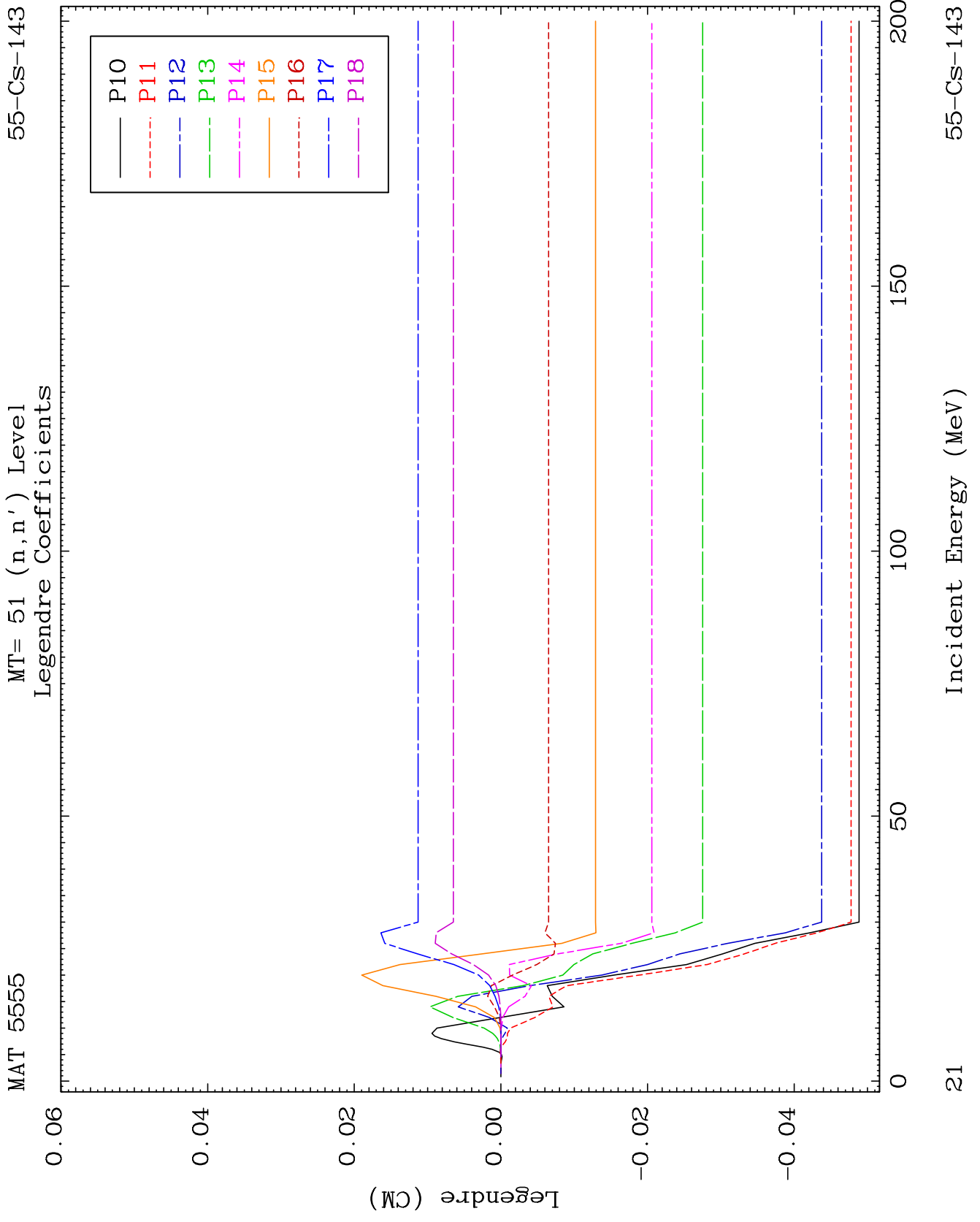
55-Cs-143

MAT 5555

Elastic Legendre Coefficients

55-Cs-143

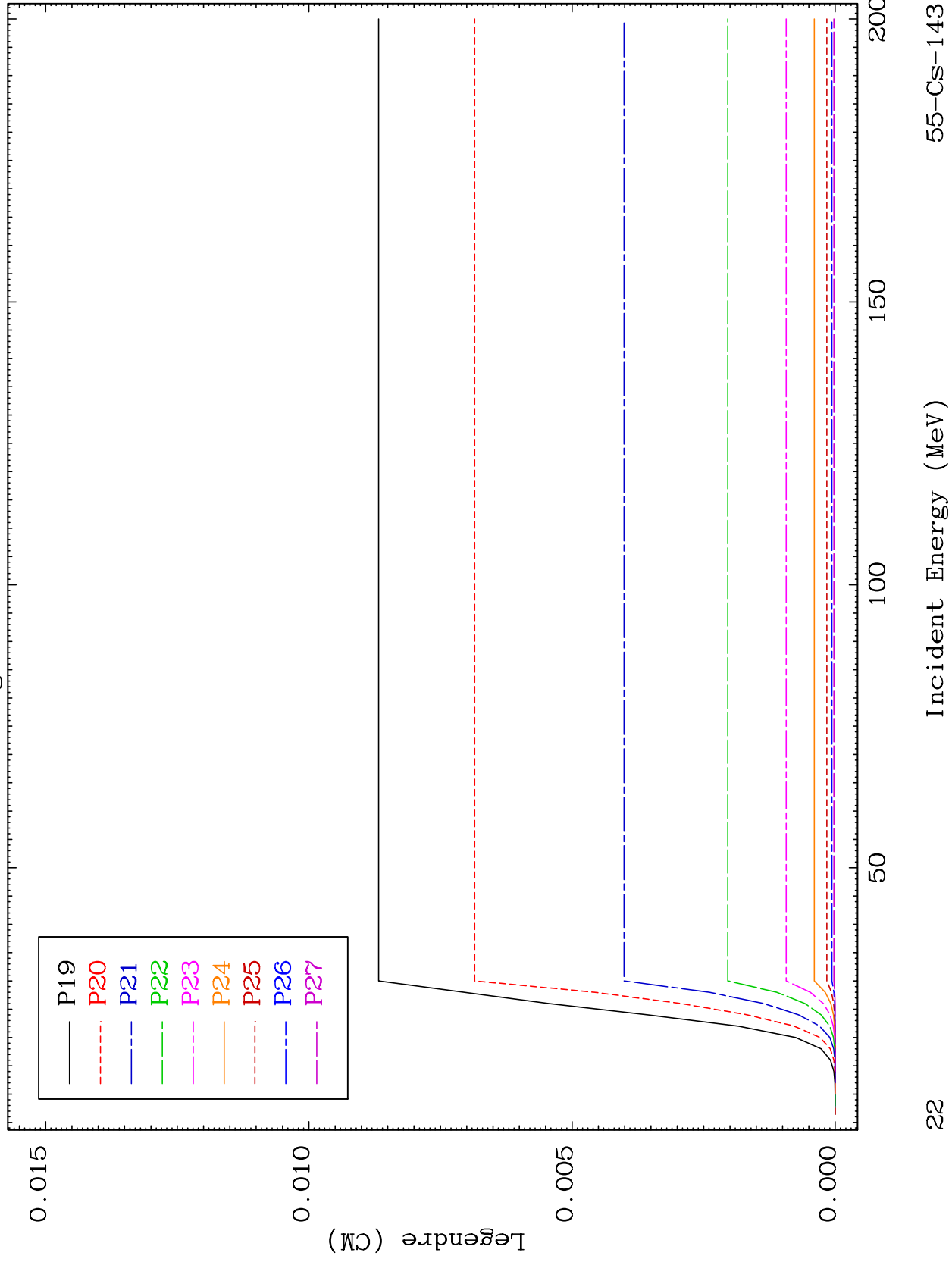




MAT 5555

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

55-Cs-143



22

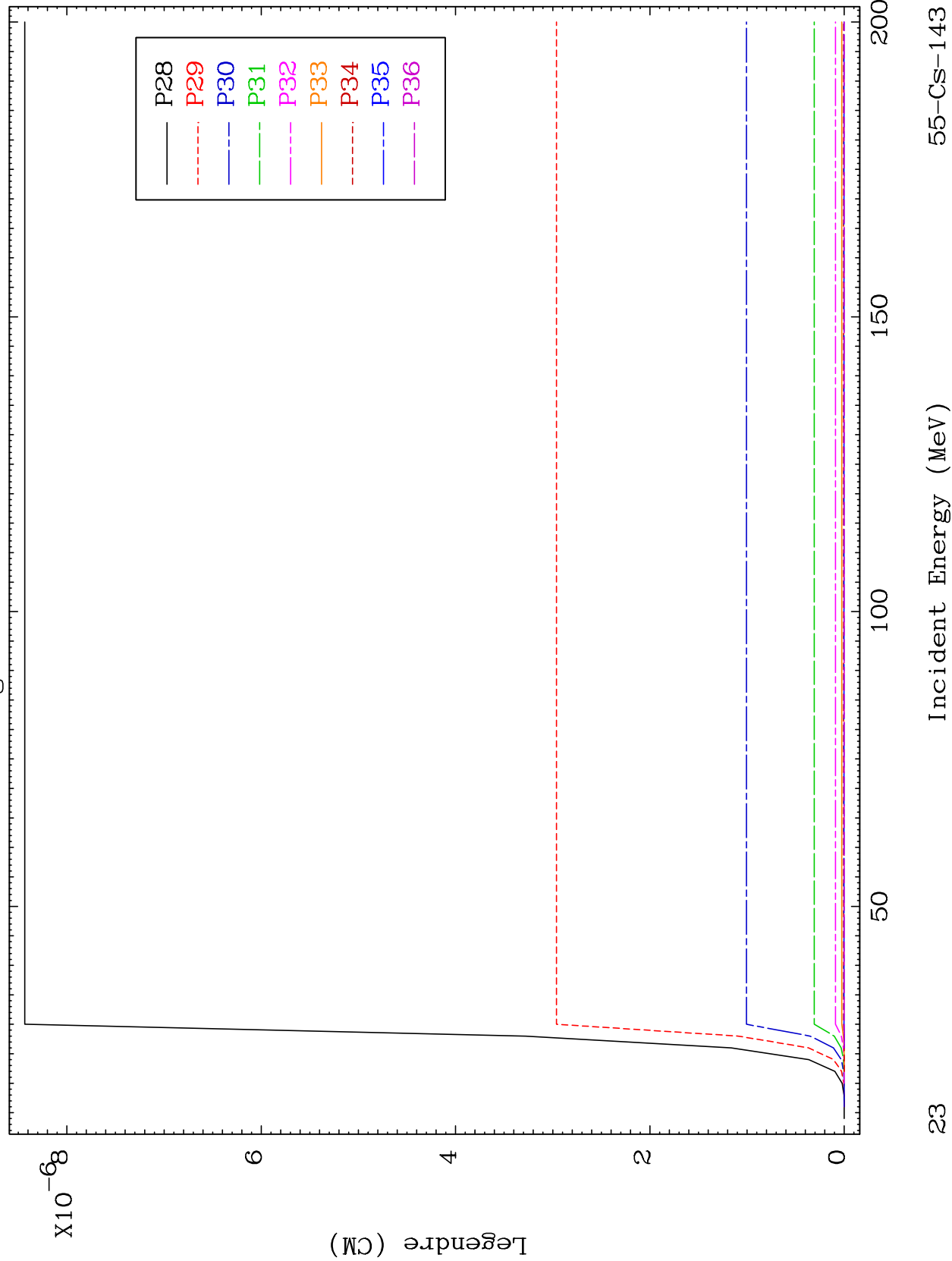
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



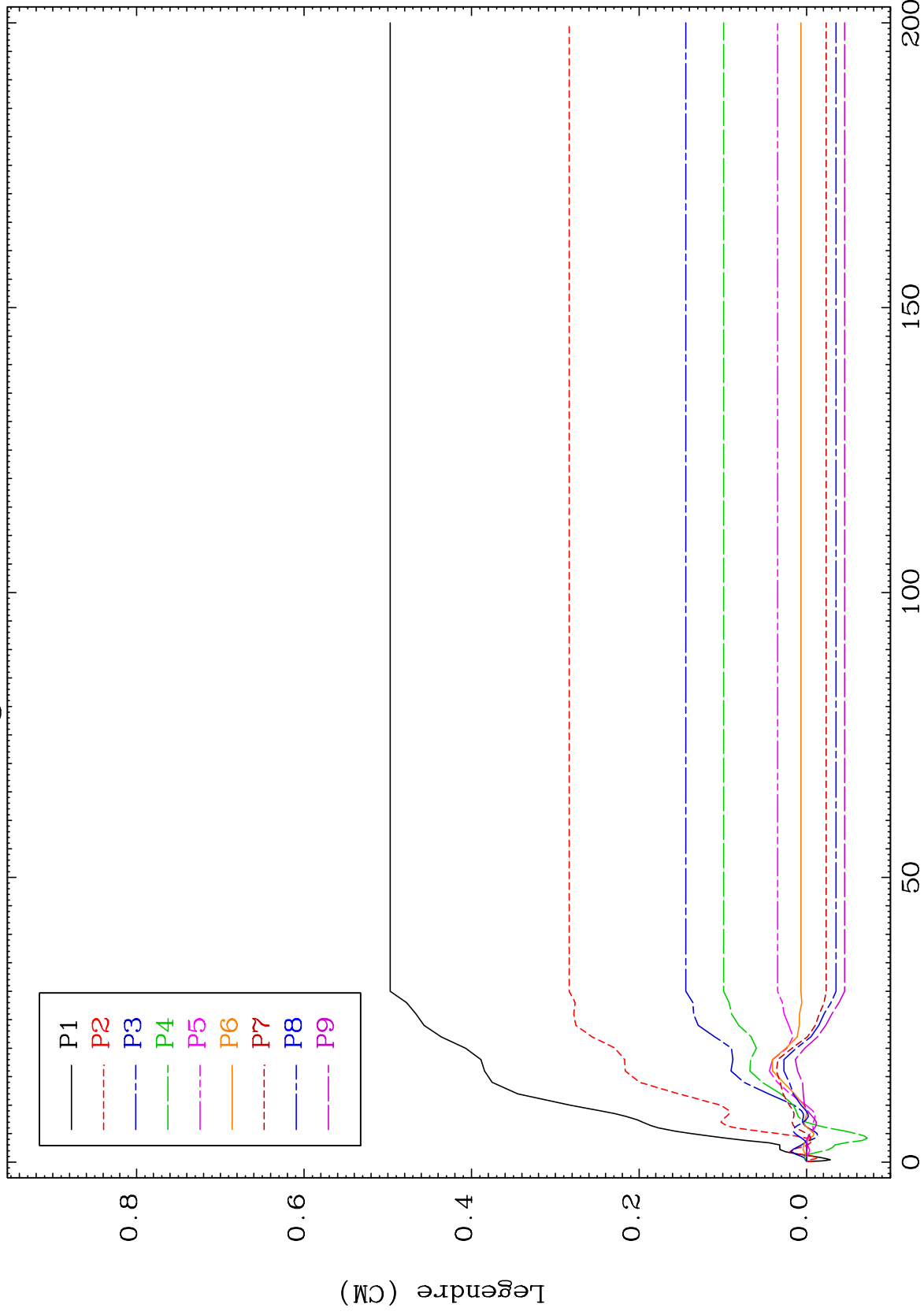
23

55-Cs-143

MAT 5555

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

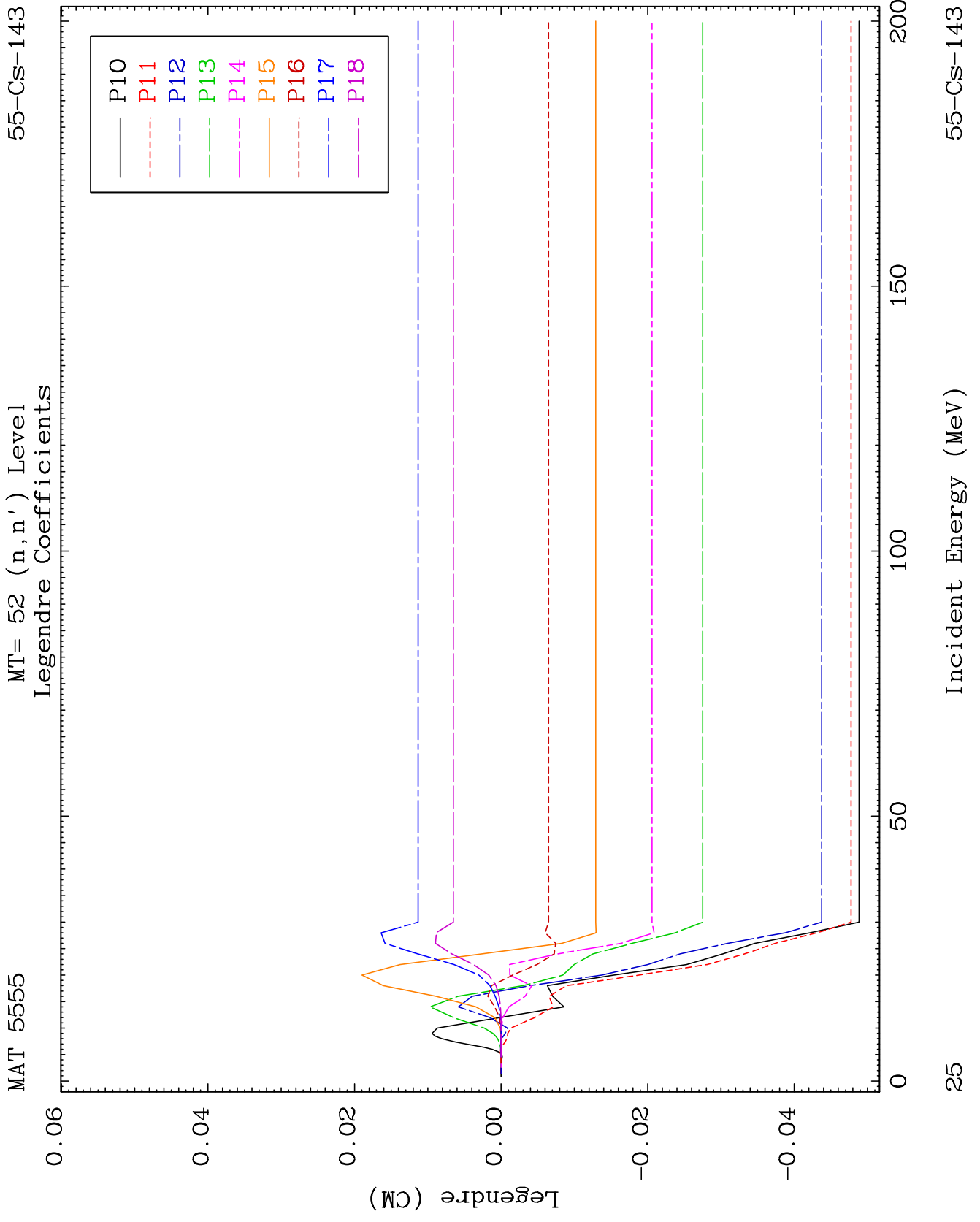
55-Cs-143



24

Incident Energy (MeV)

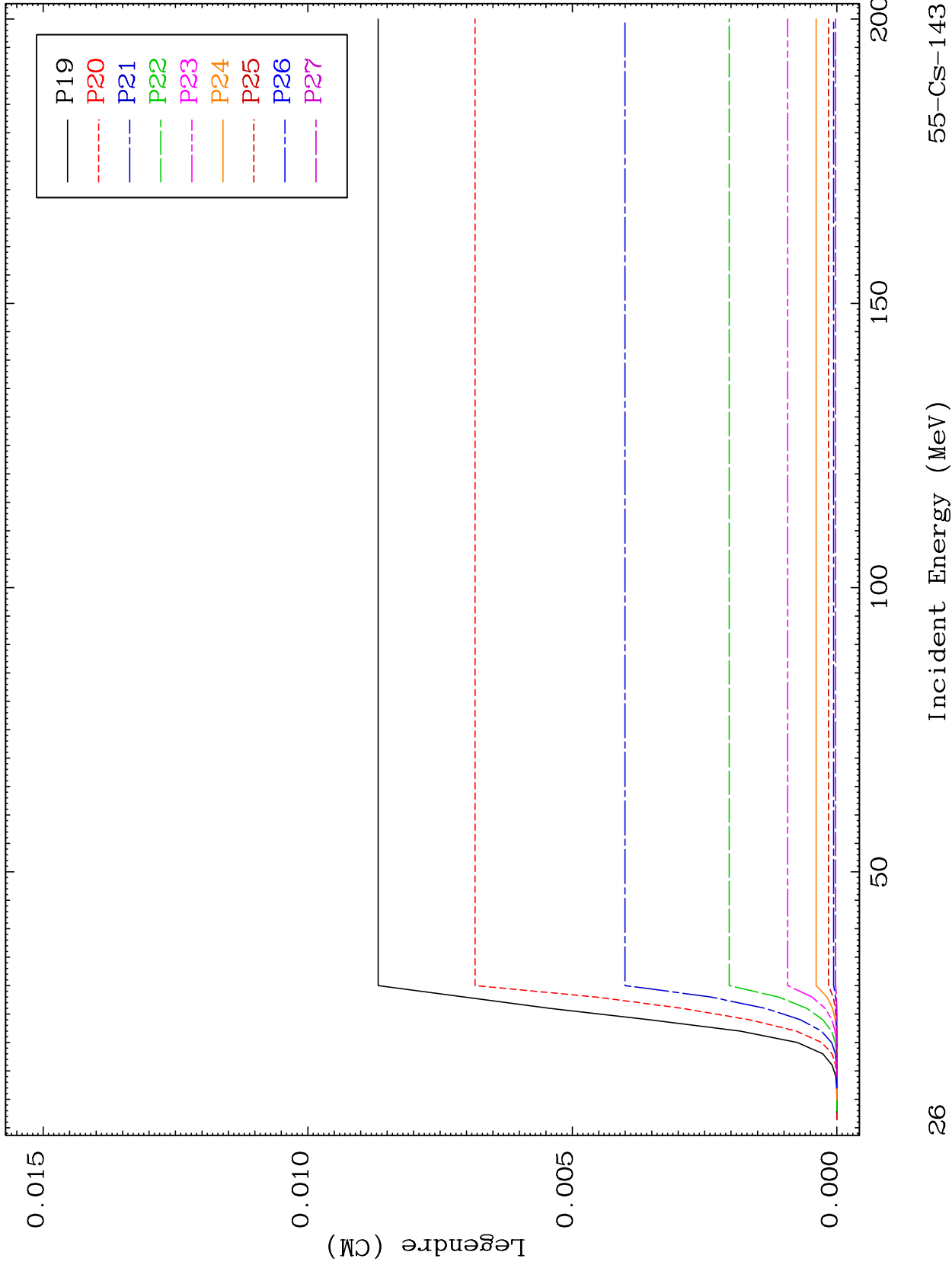
55-Cs-143



MAT 5555

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

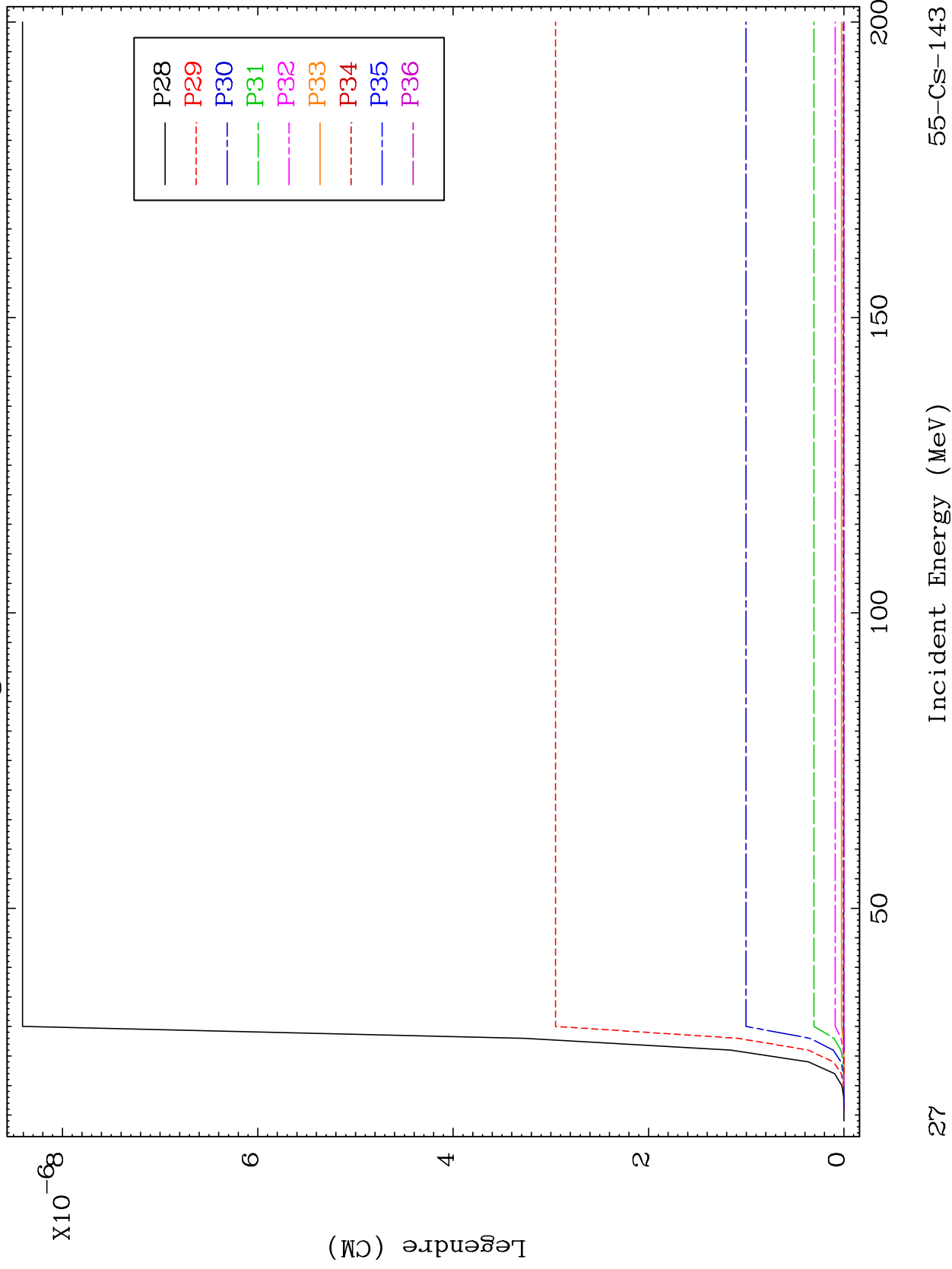
55-Cs-143



MAT 5555

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

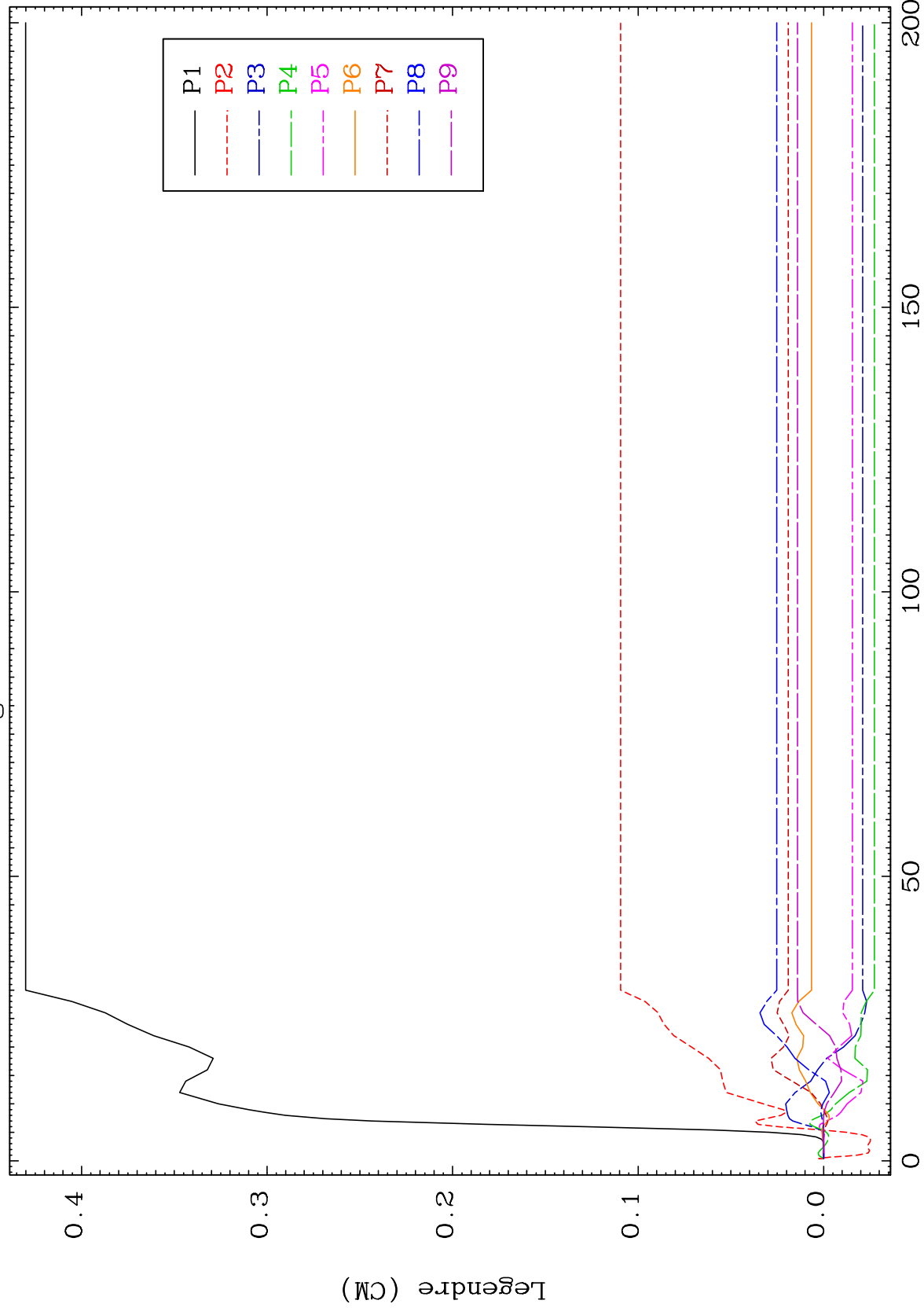
55-Cs-143



MAT 5555

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

55-Cs-143



28

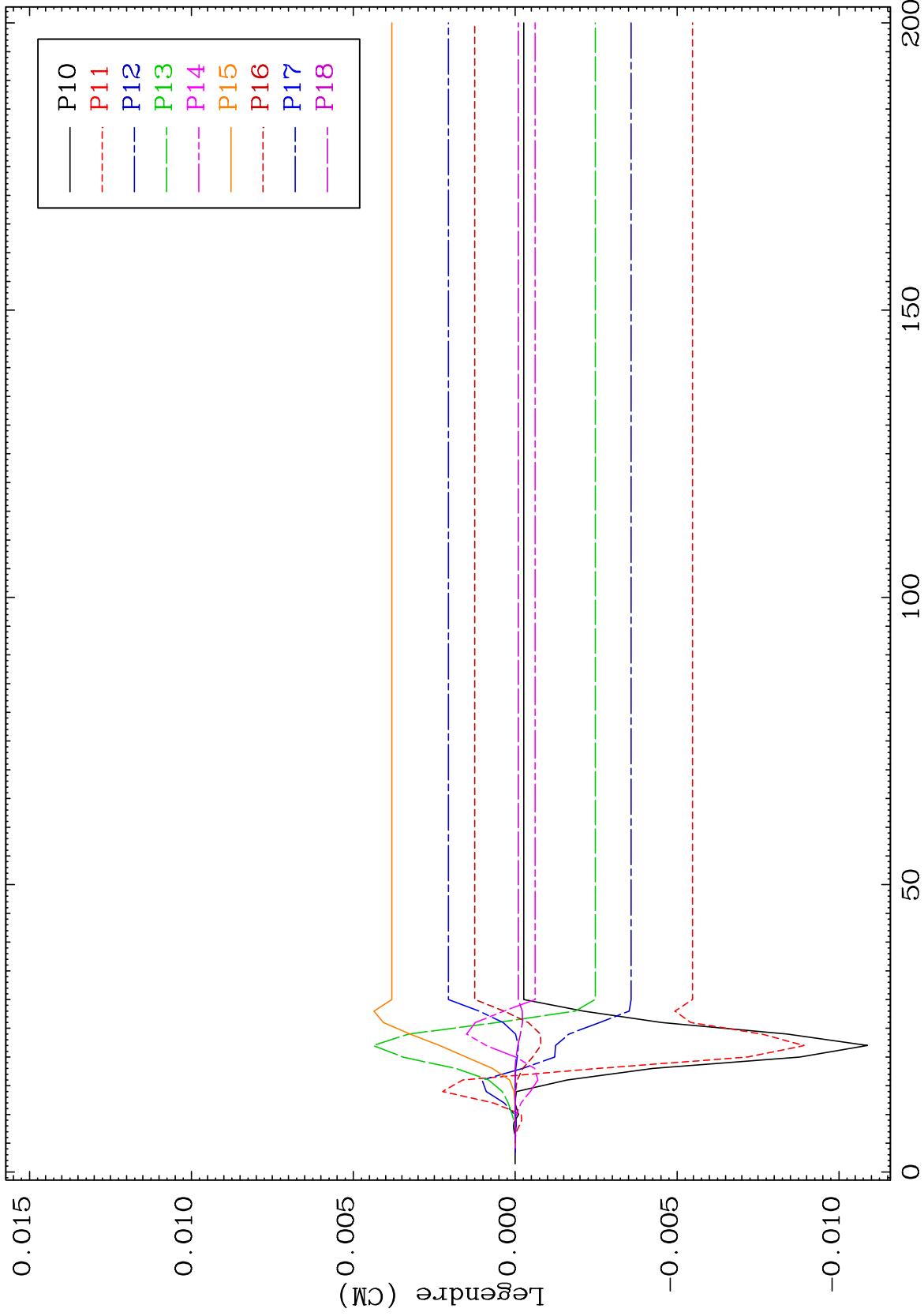
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



29

Incident Energy (MeV)

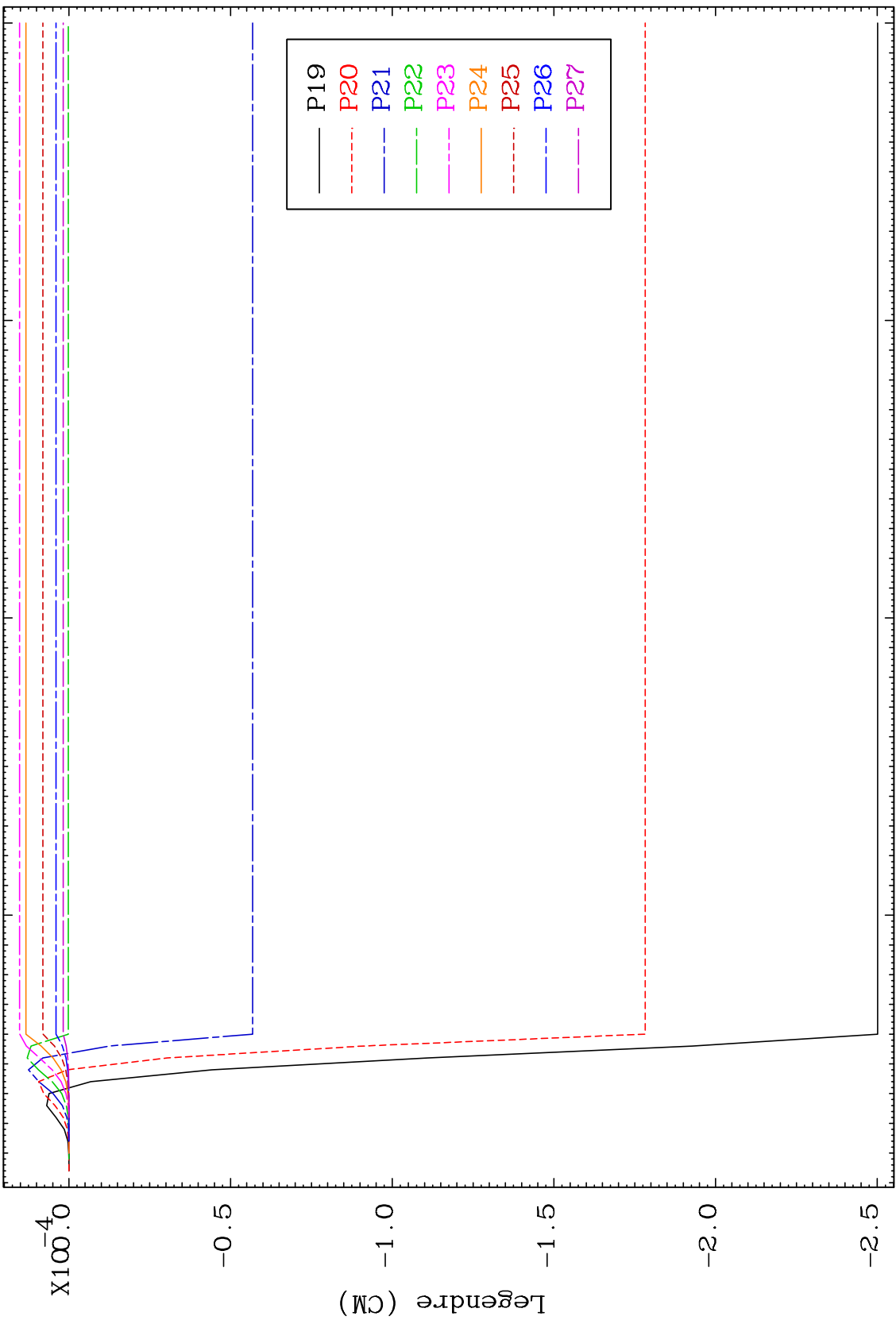
55-Cs-143

MAT 5555

MT= 53 (n,n') Level

55-Cs-143

Legendre Coefficients



200

150

100

50

55-Cs-143

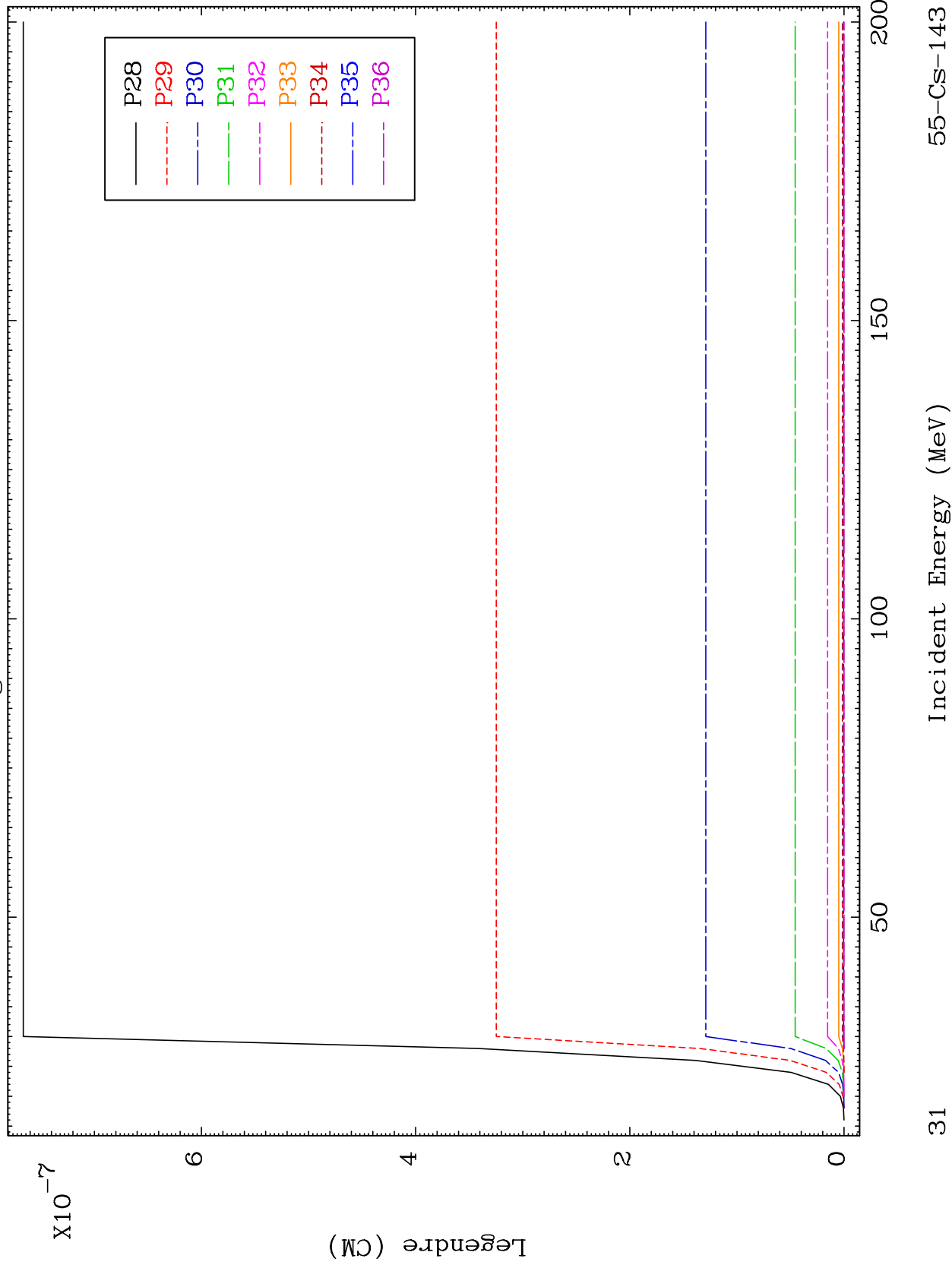
Incident Energy (MeV)

30

MAT 5555

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

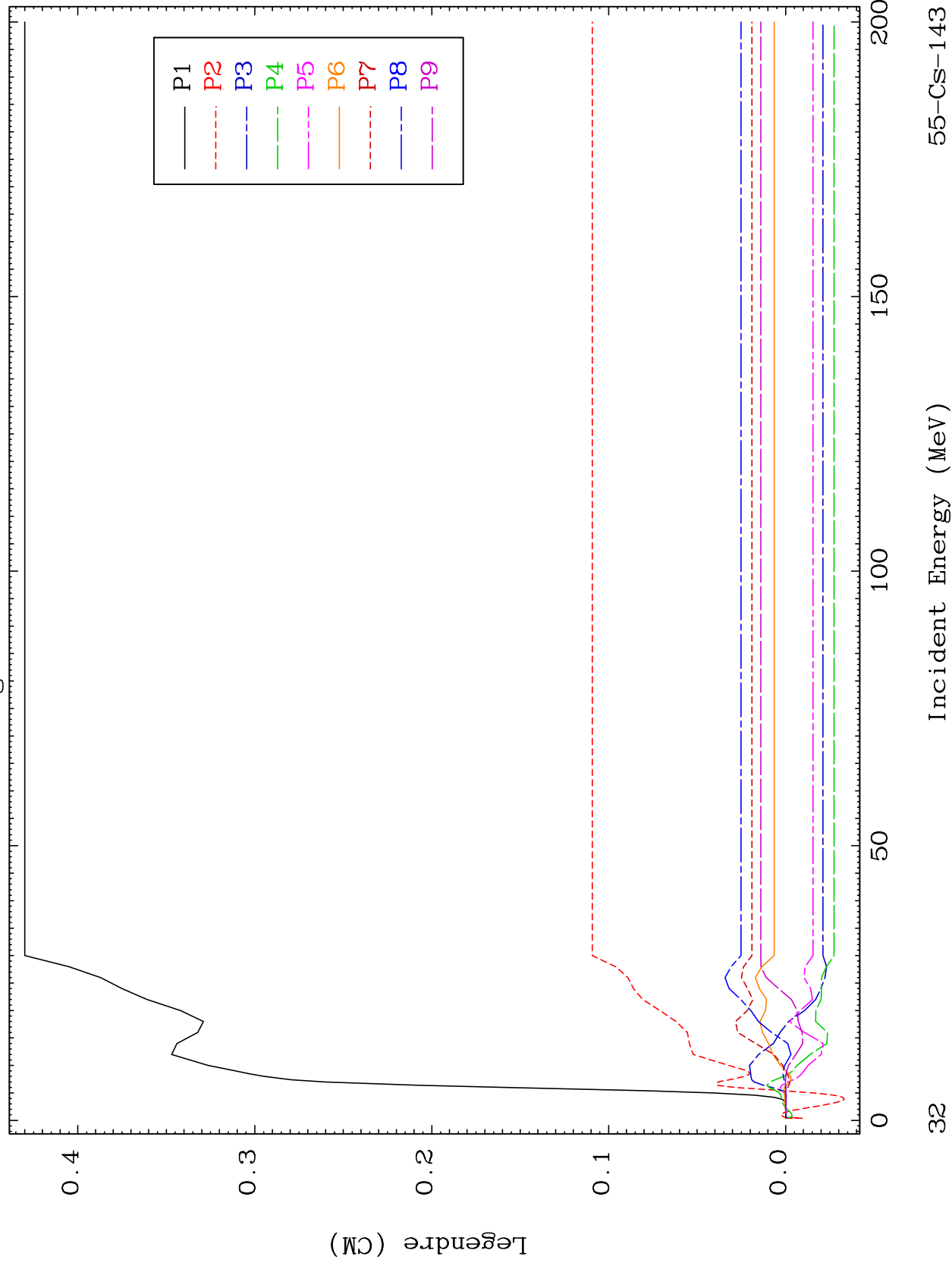
55-Cs-143



MAT 5555

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

55-Cs-143

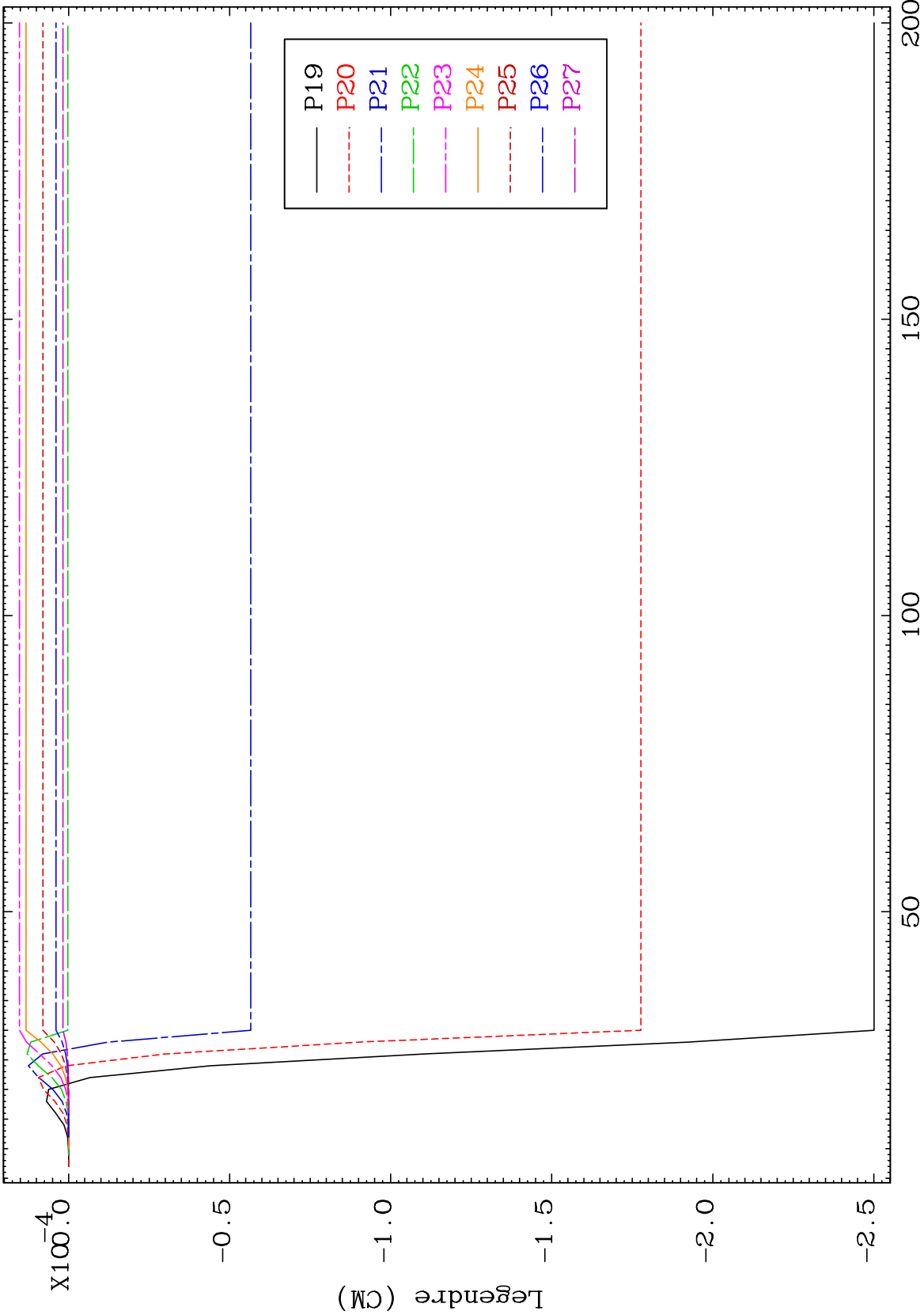


MAT 5555

MT= 54 (n,n') Level

55-Cs-143

Legendre Coefficients



55-Cs-143

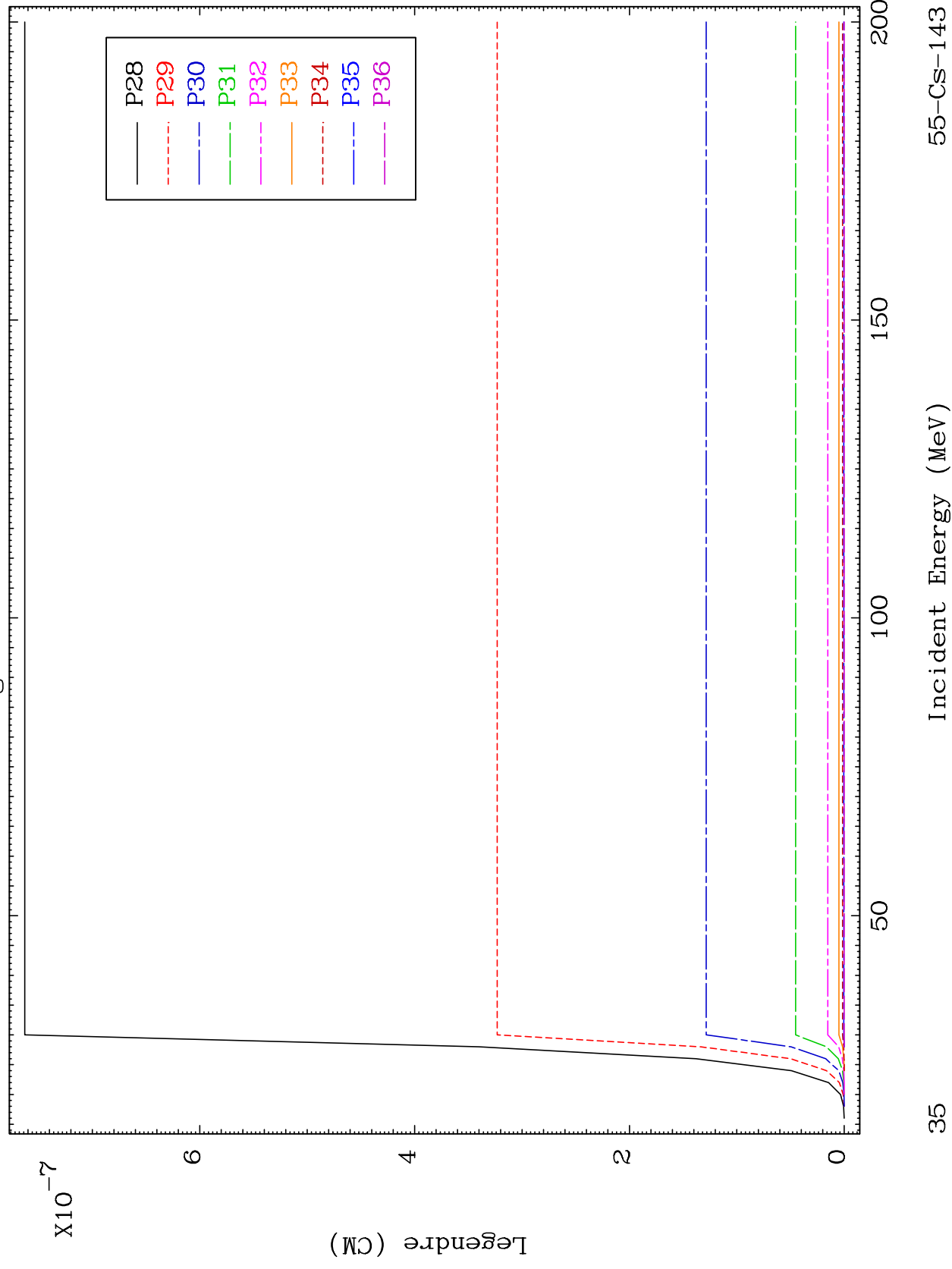
Incident Energy (MeV)

34

MAT 5555

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

55-Cs-143



35

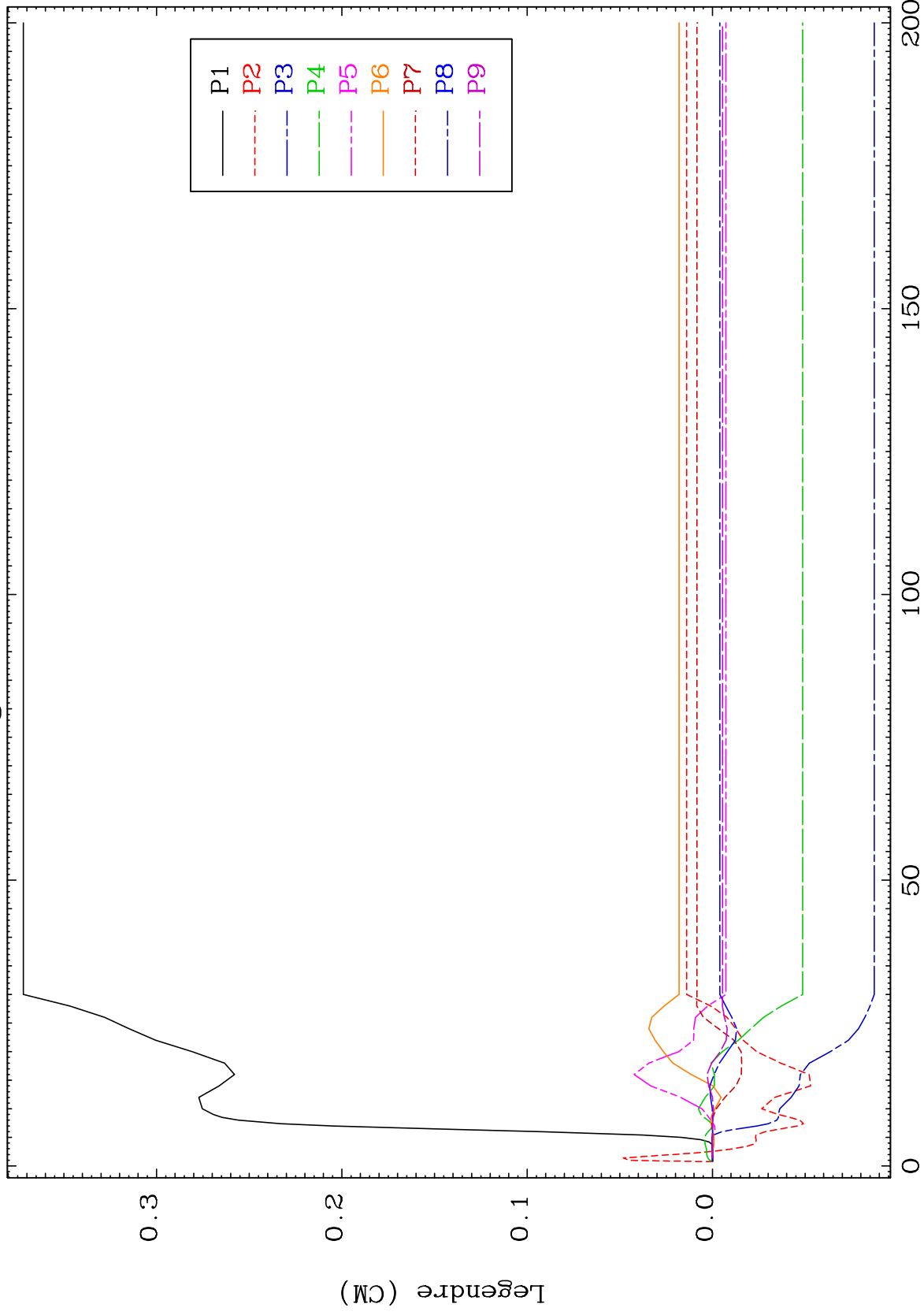
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

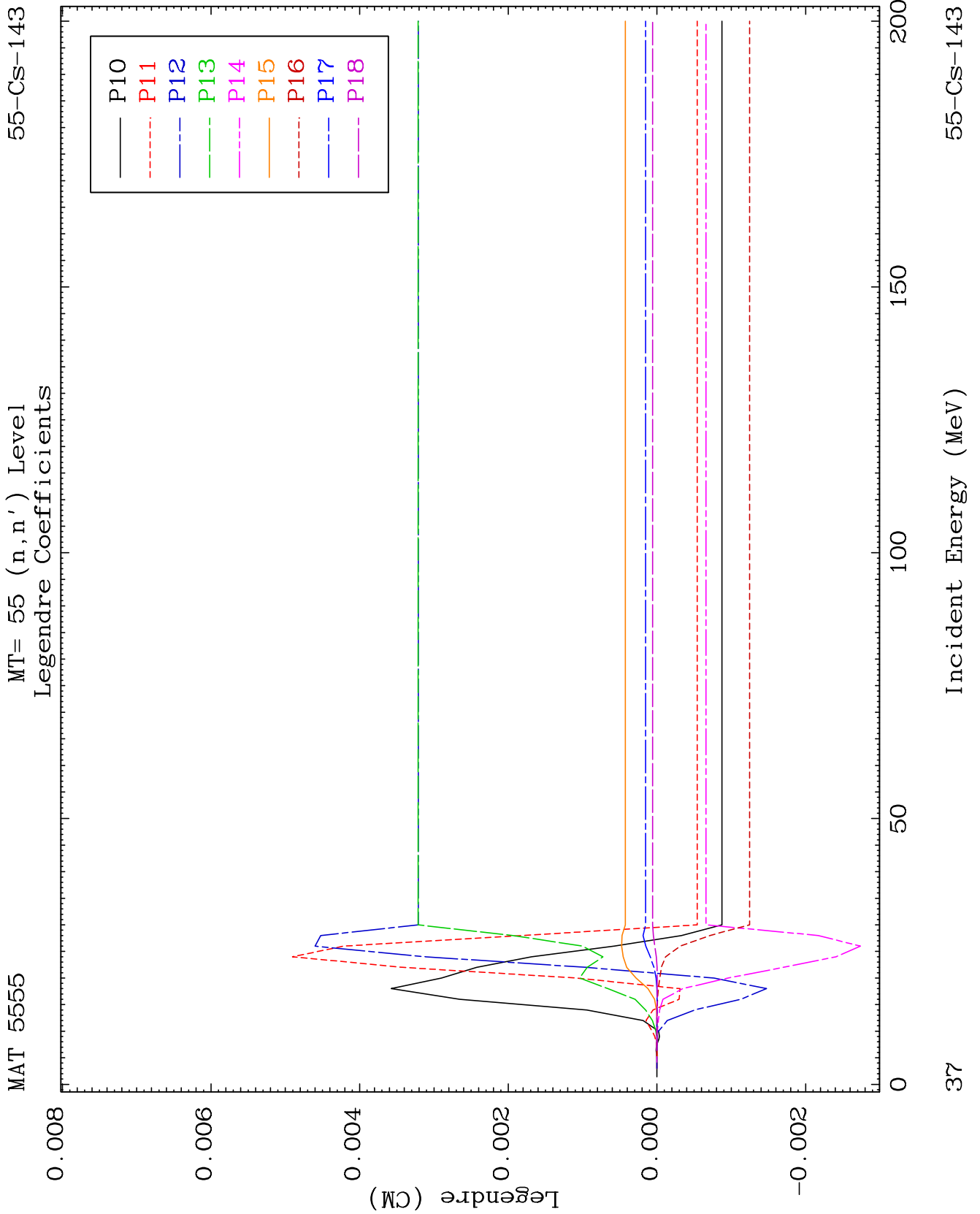
55-Cs-143



36

Incident Energy (MeV)

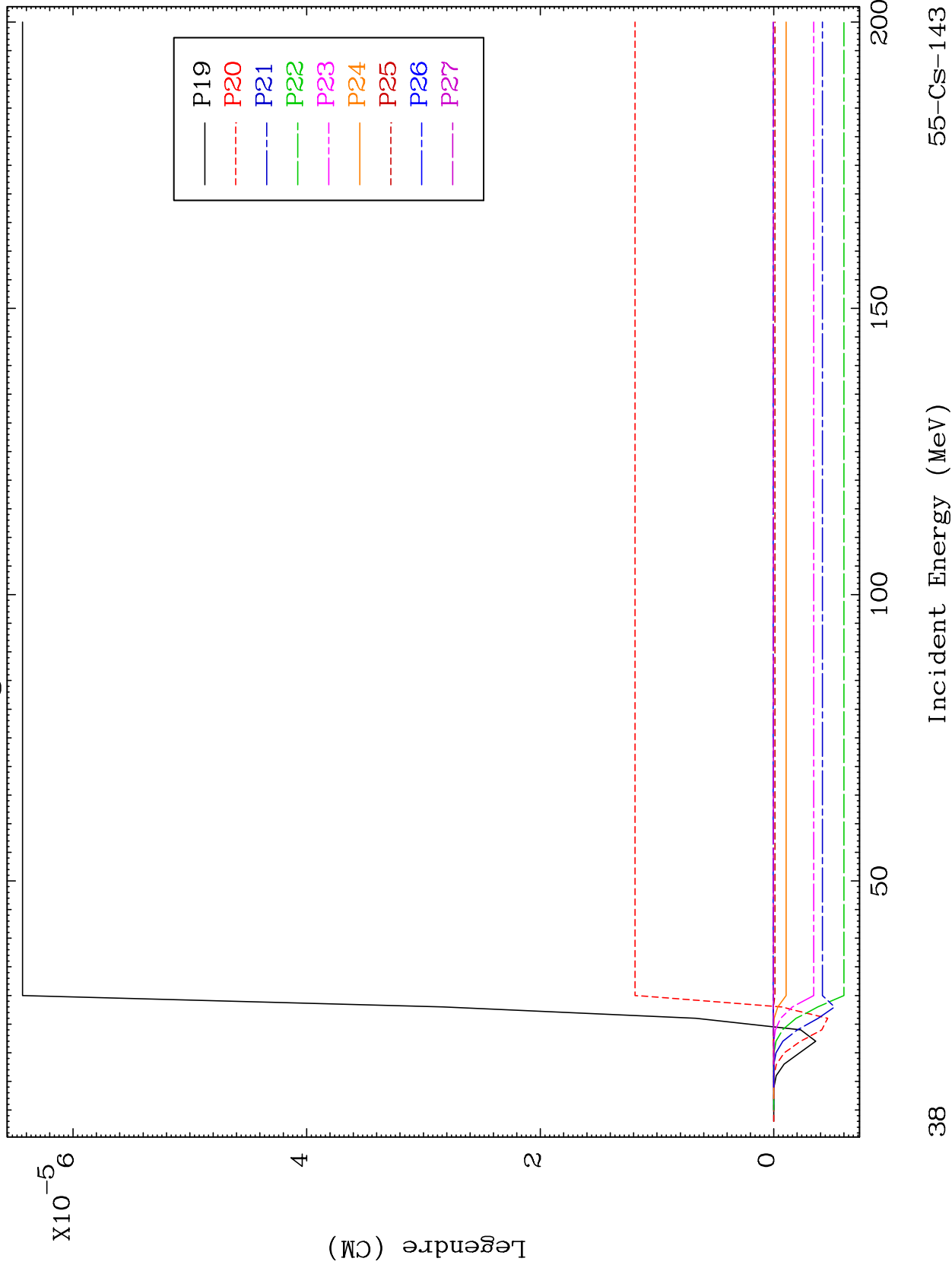
55-Cs-143



MAT 5555

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

55-Cs-143



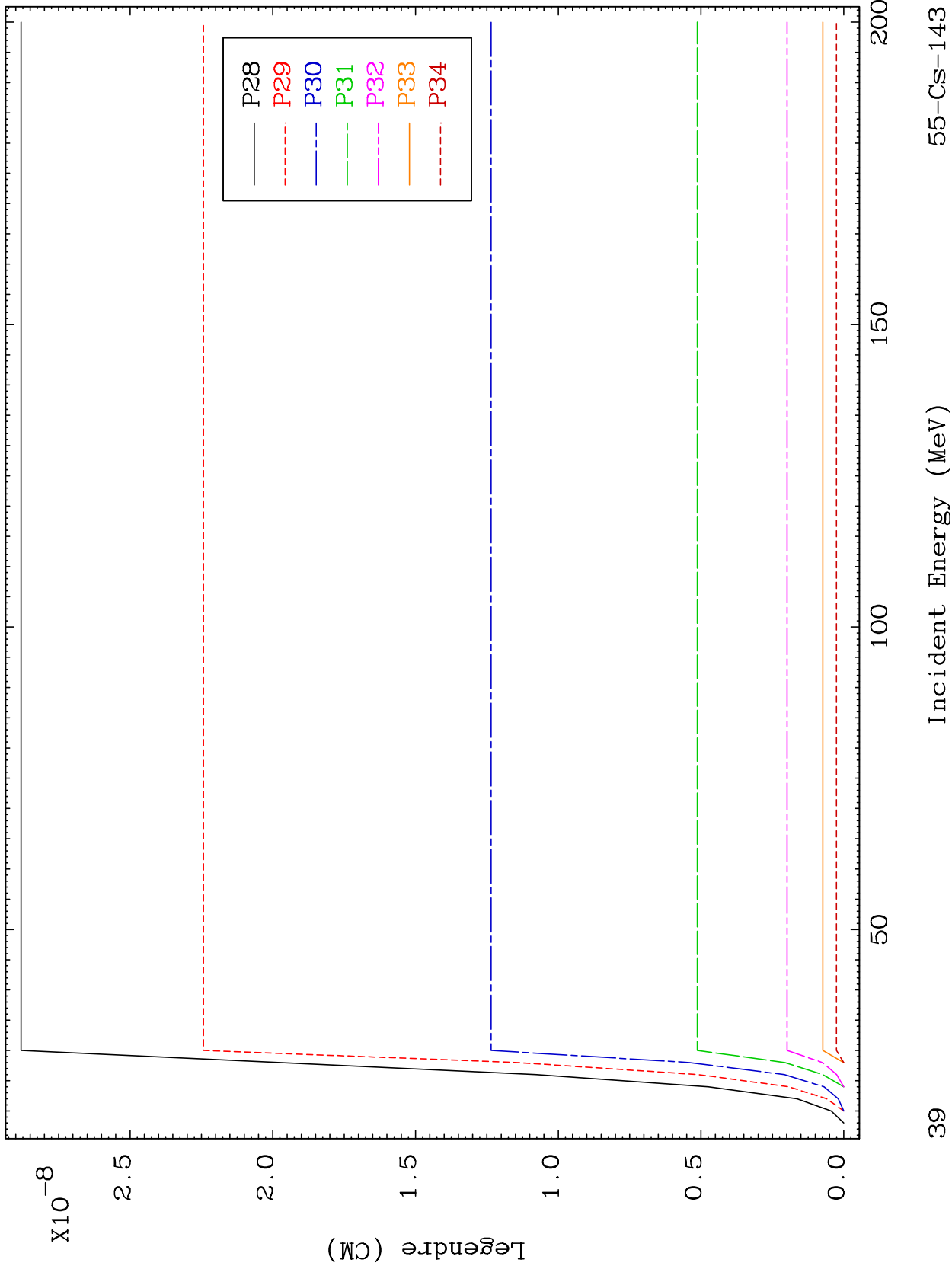
38

55-Cs-143

MAT 5555

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

55-Cs-143



39

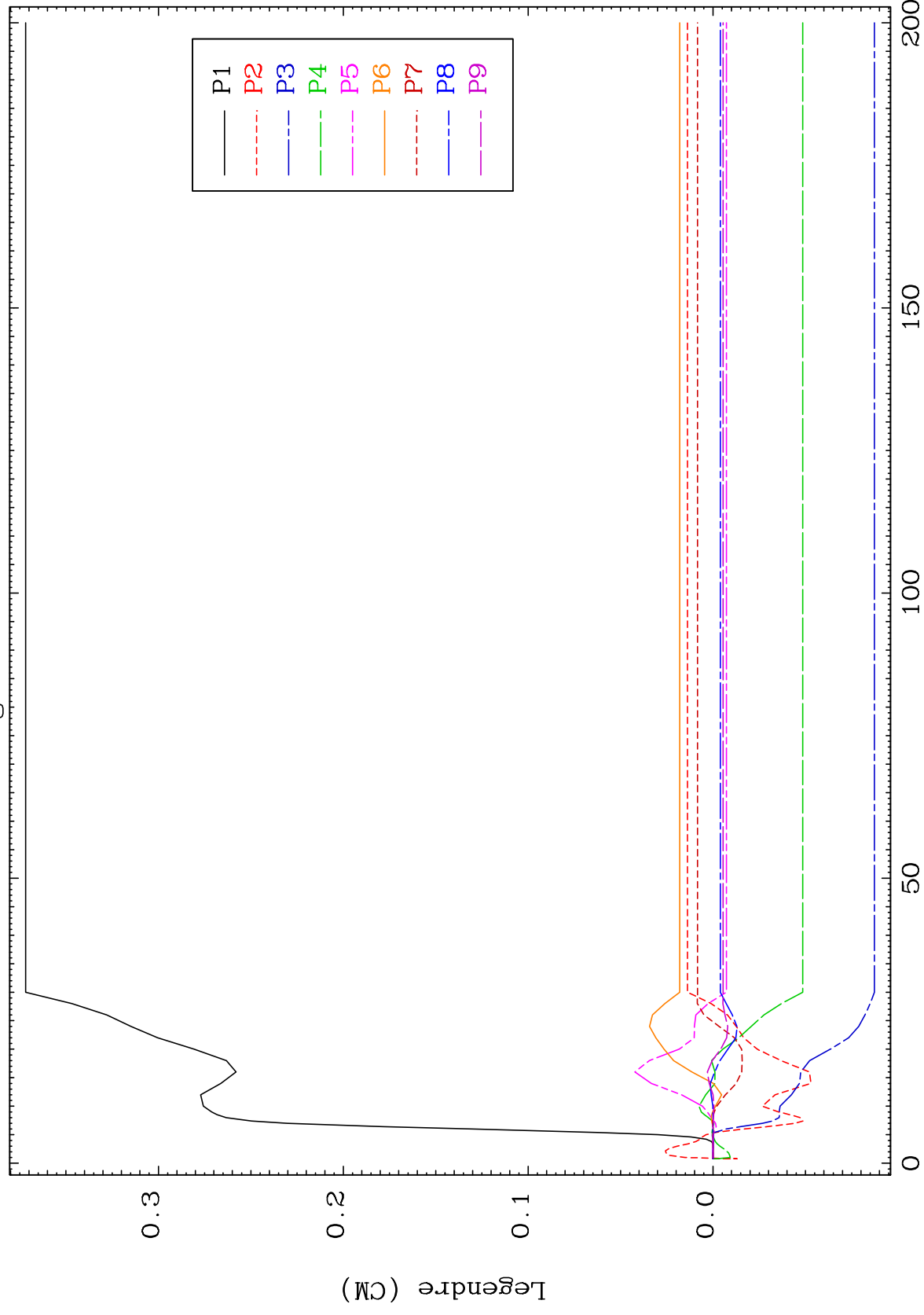
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

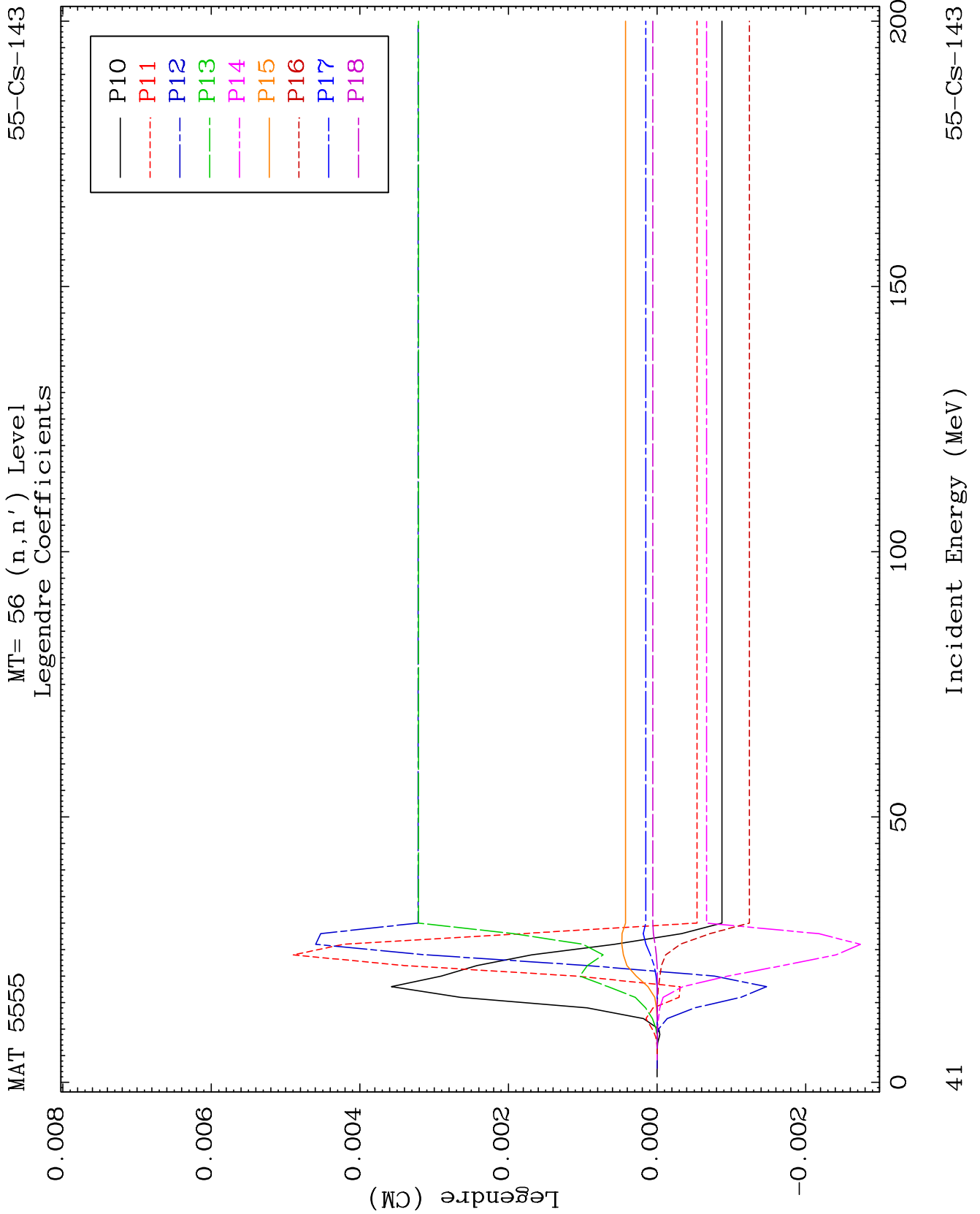
55-Cs-143



55-Cs-143

Incident Energy (MeV)

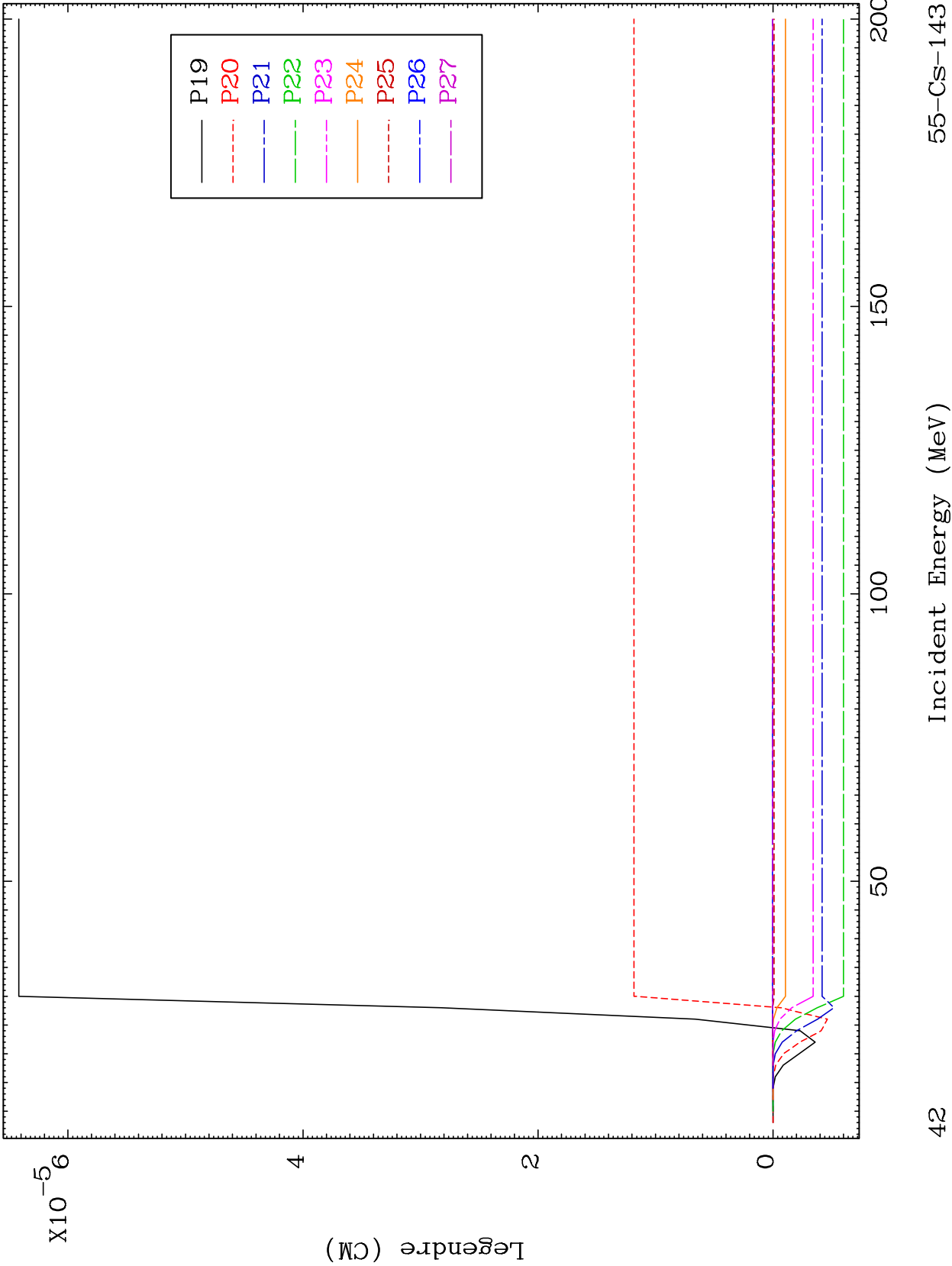
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MAT 5555

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

55-Cs-143



42

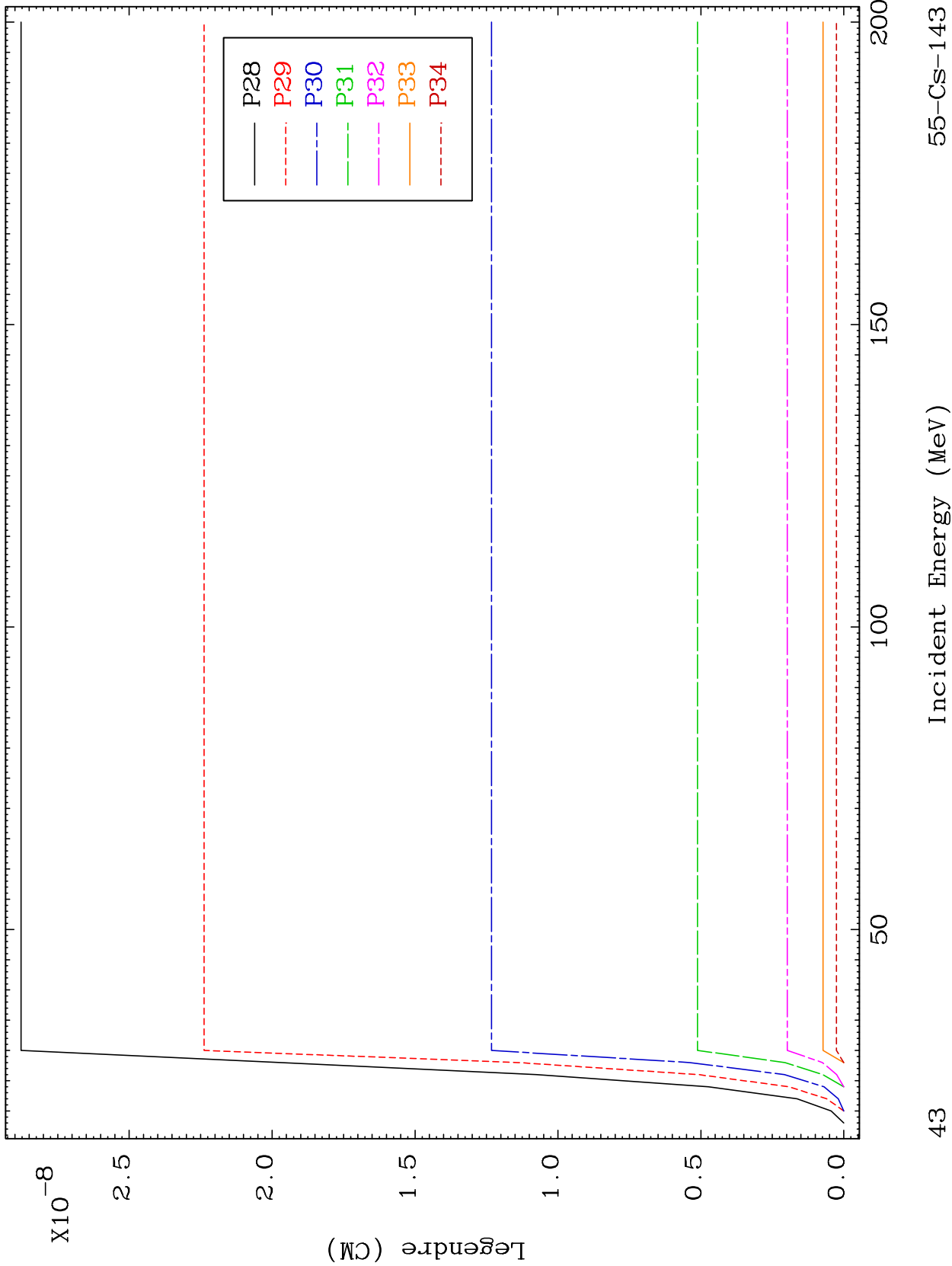
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



43

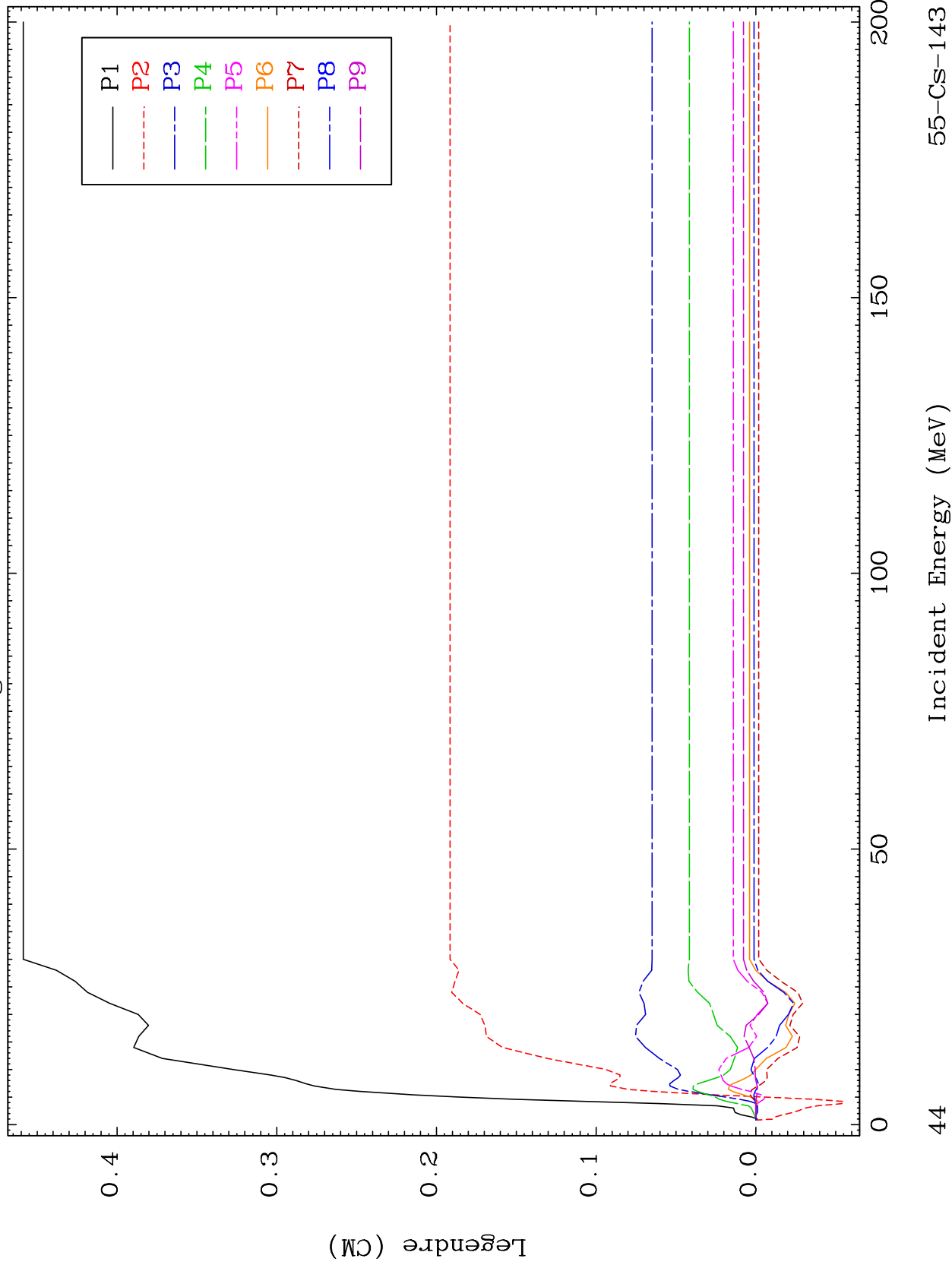
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



55-Cs-143

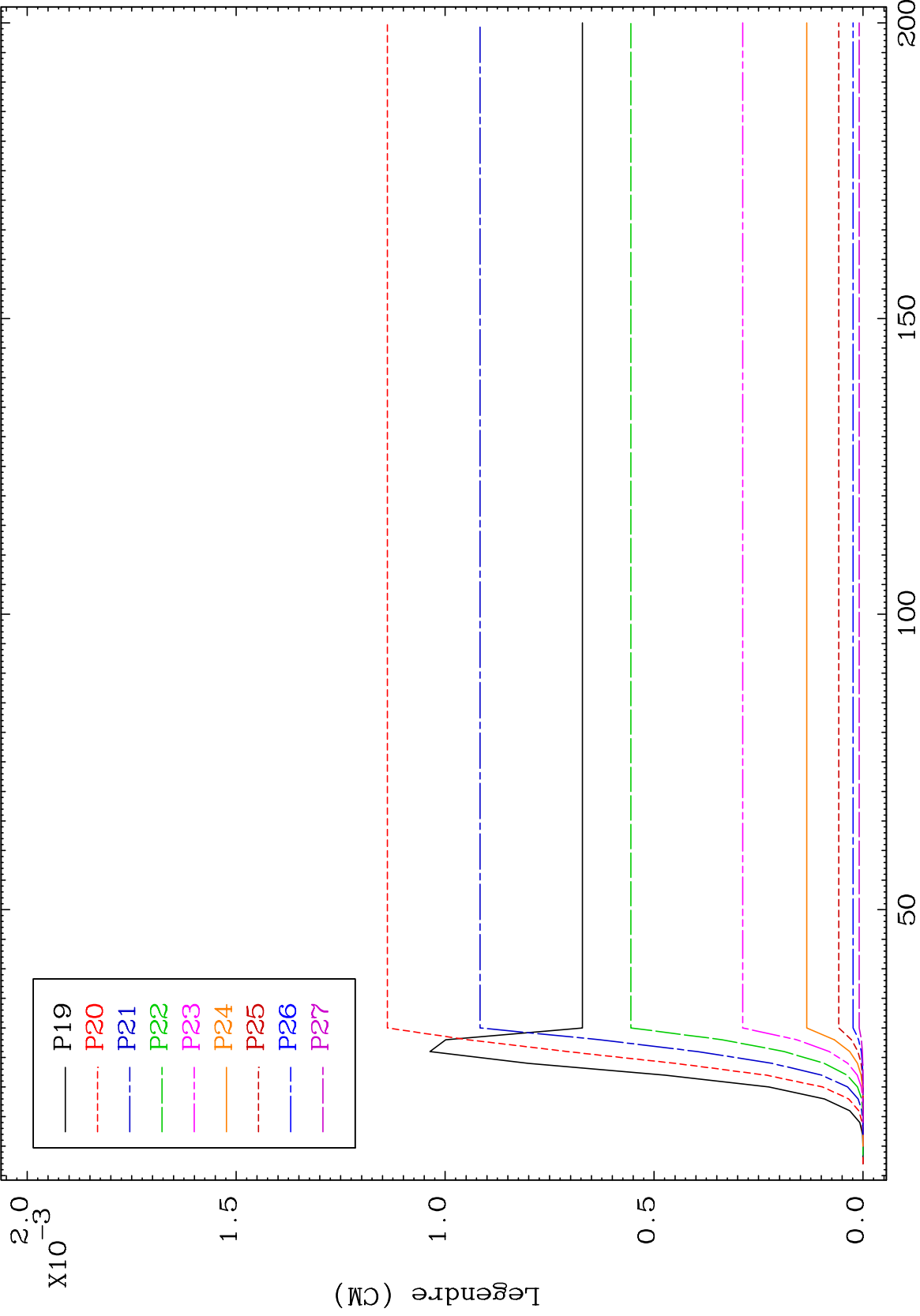
Incident Energy (MeV)

44

MAT 5555

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

55-Cs-143



46

Incident Energy (MeV)

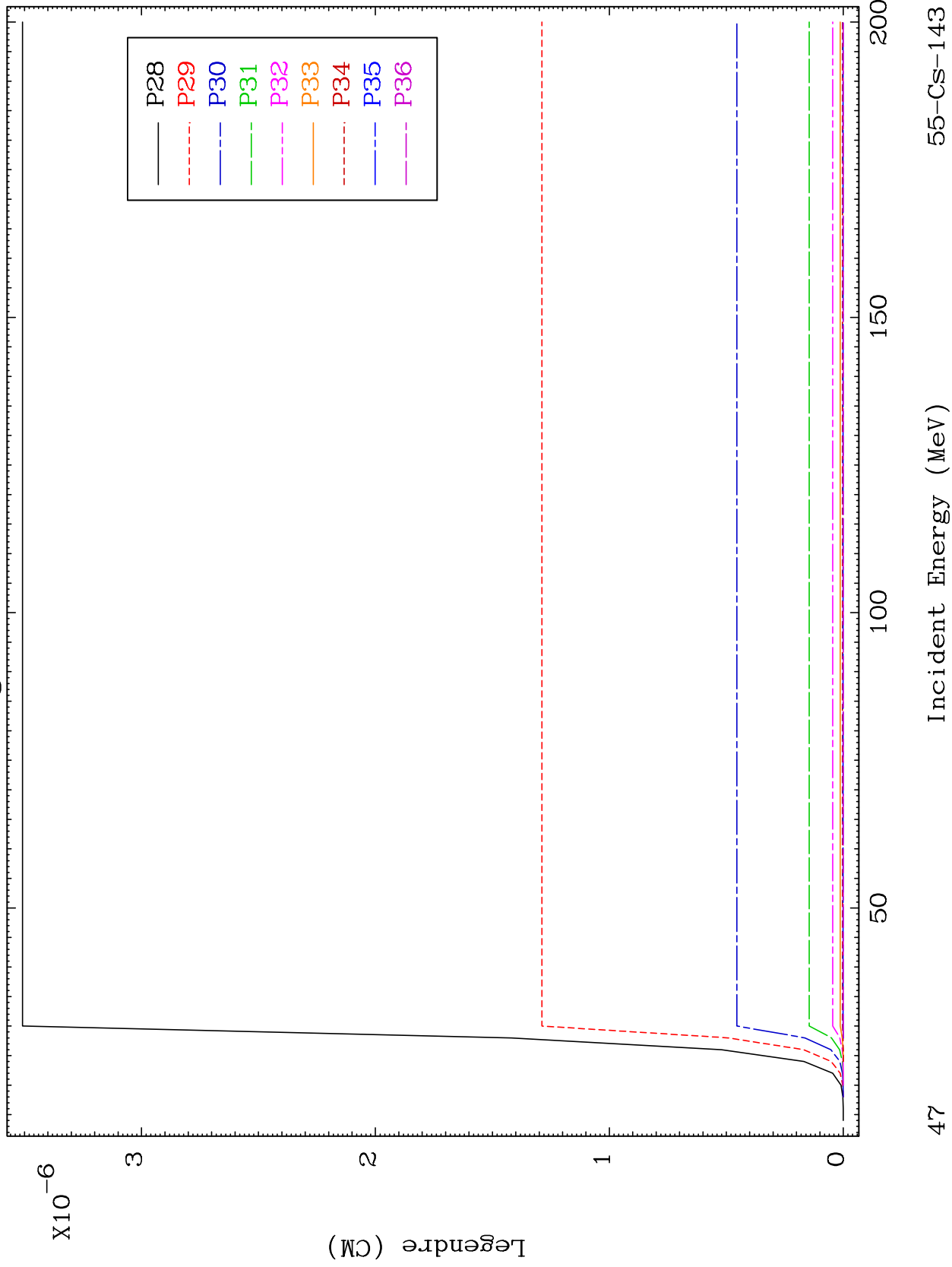
55-Cs-143

200

MAT 5555

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

55-Cs-143



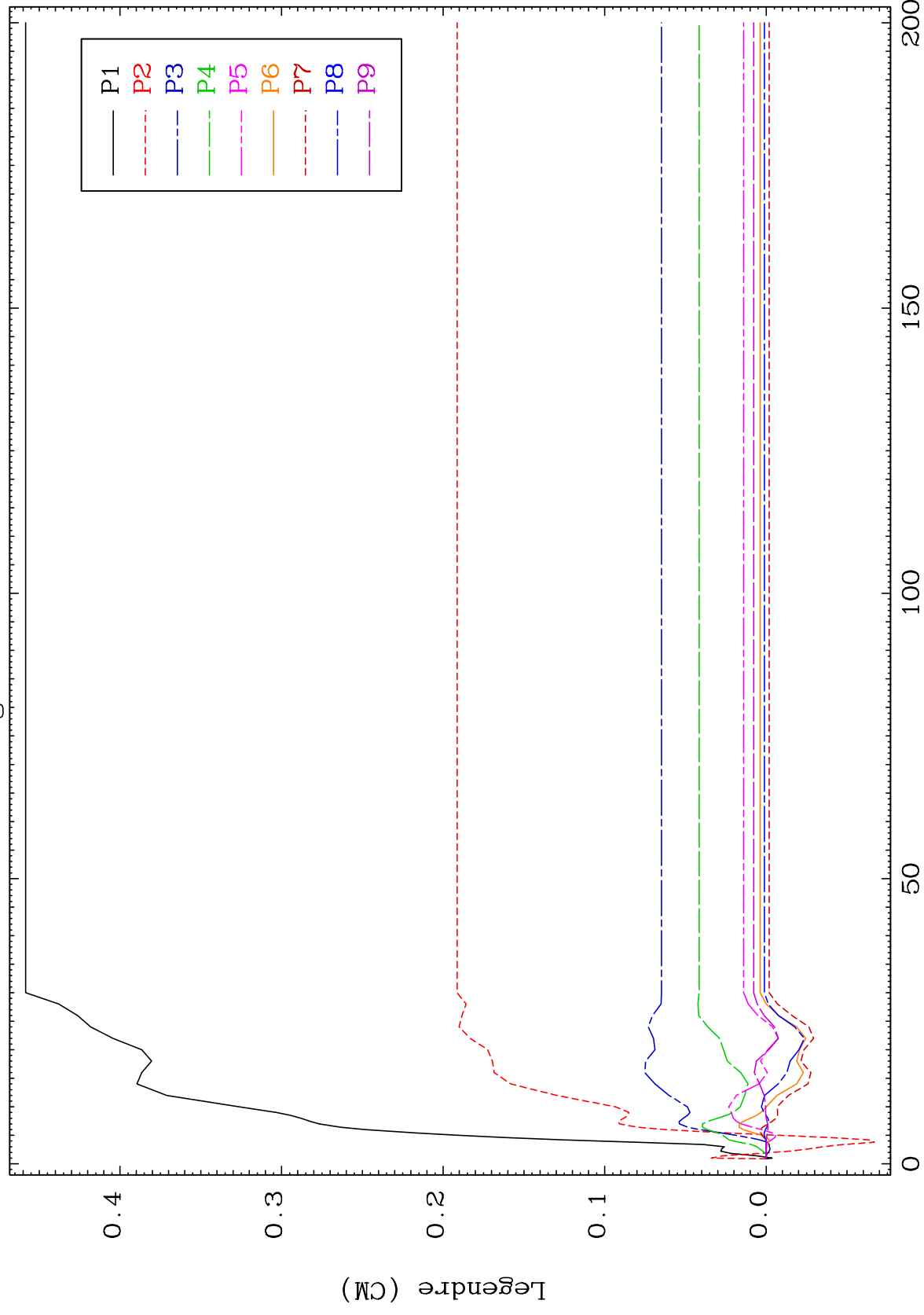
47

55-Cs-143

MAT 5555

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

55-Cs-143



55-Cs-143

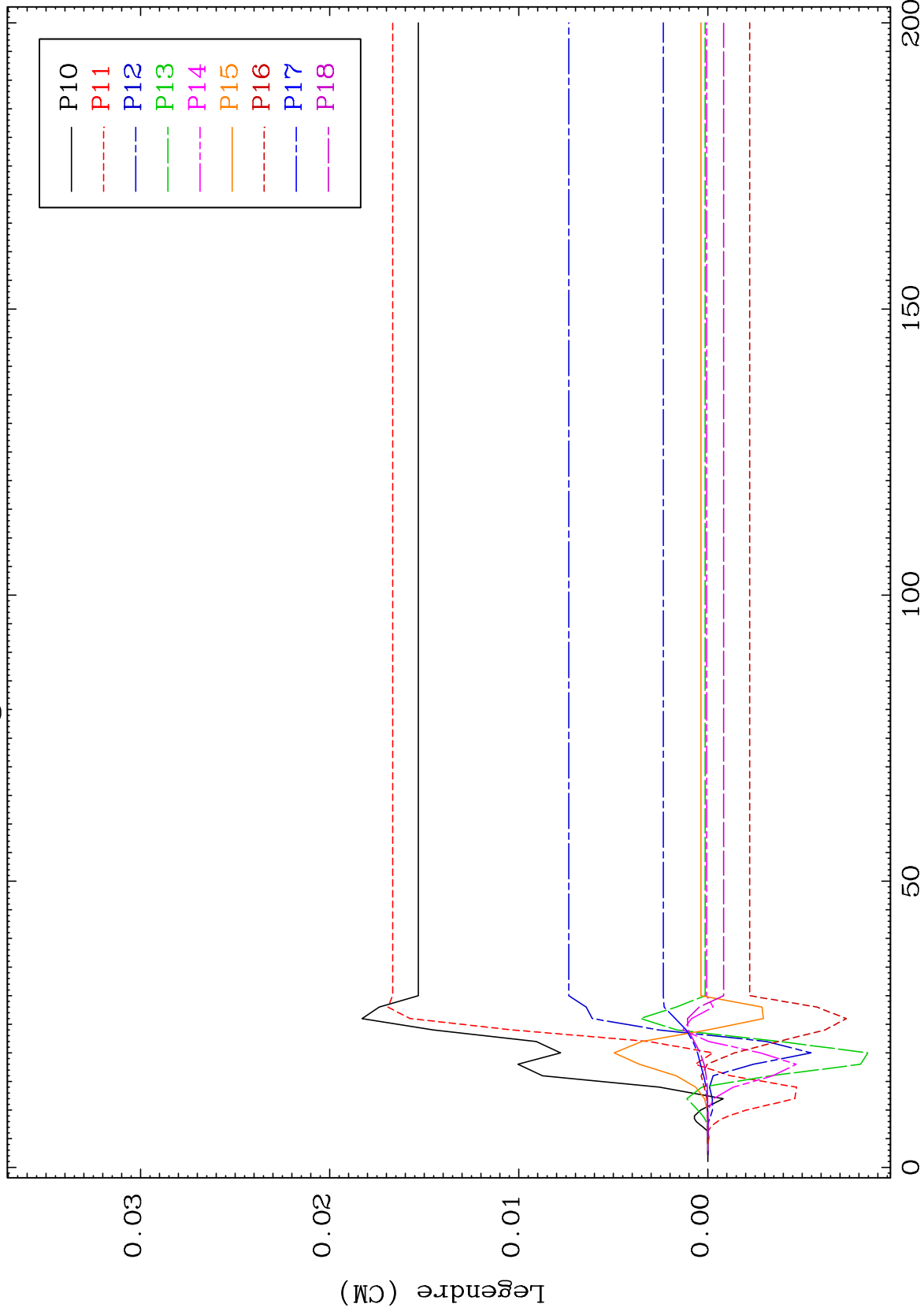
Incident Energy (MeV)

48

MAT 5555

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

55-Cs-143



49

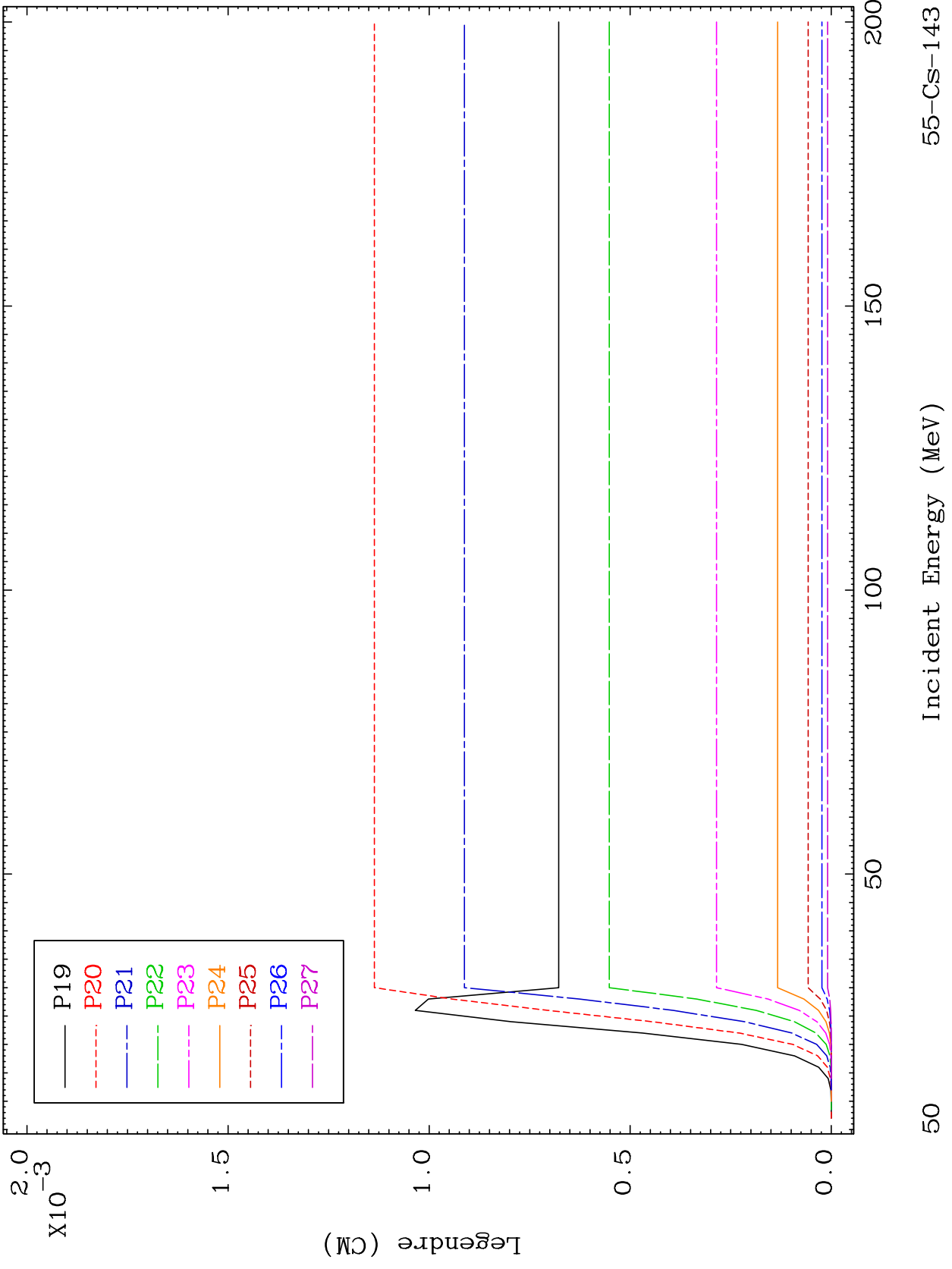
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

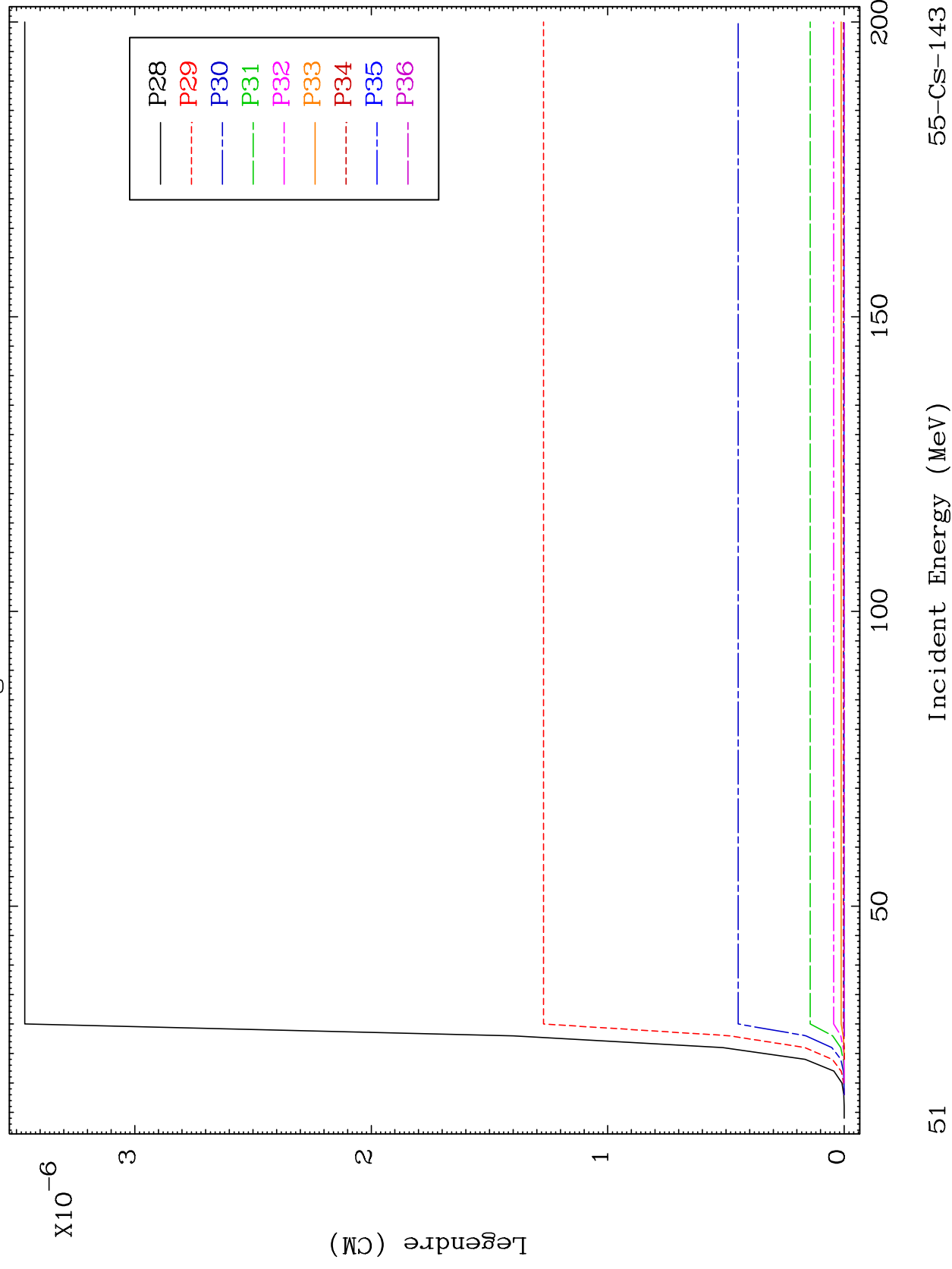
55-Cs-143



MAT 5555

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

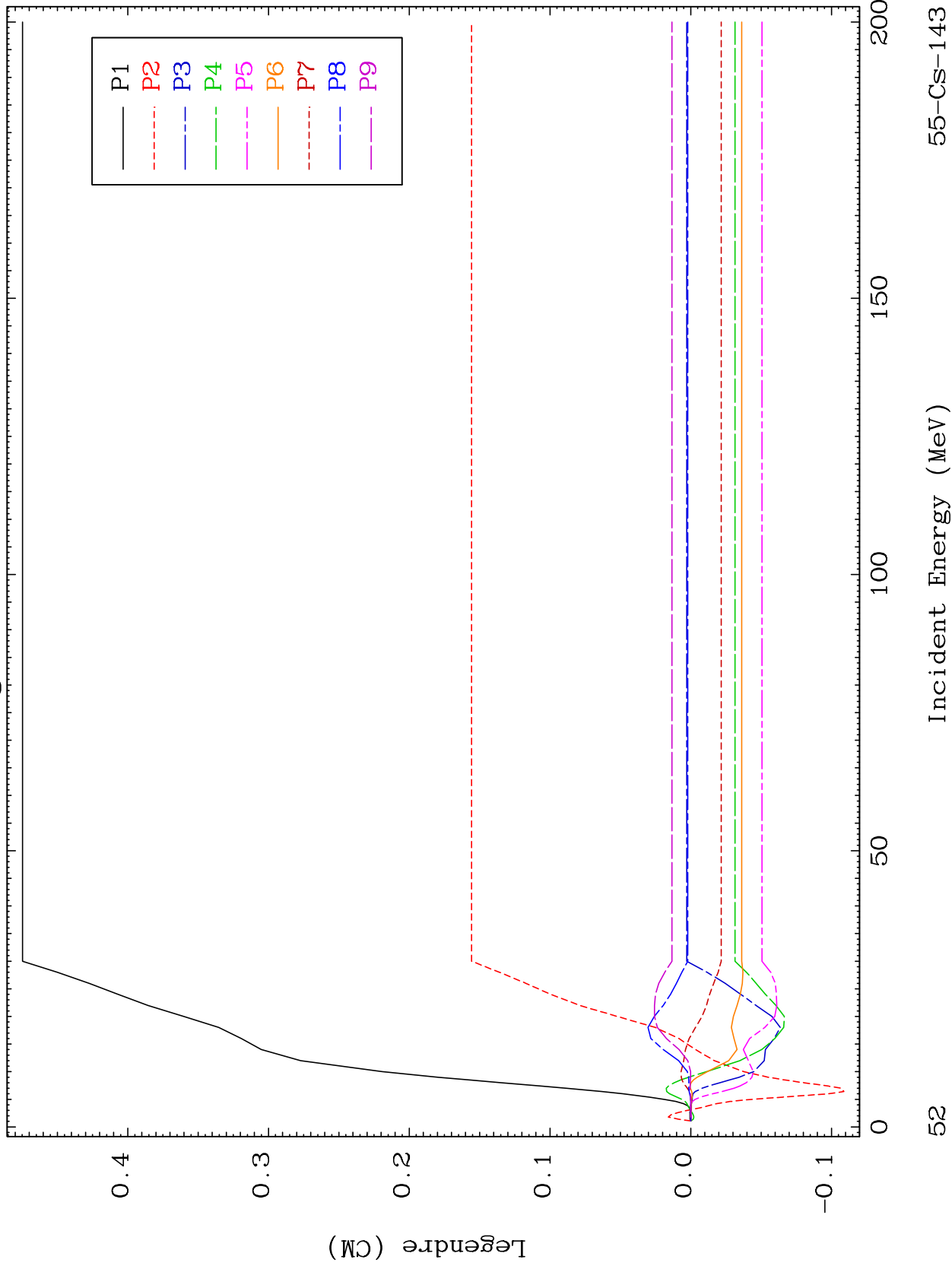
55-Cs-143



MAT 5555

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

55-Cs-143



55-Cs-143

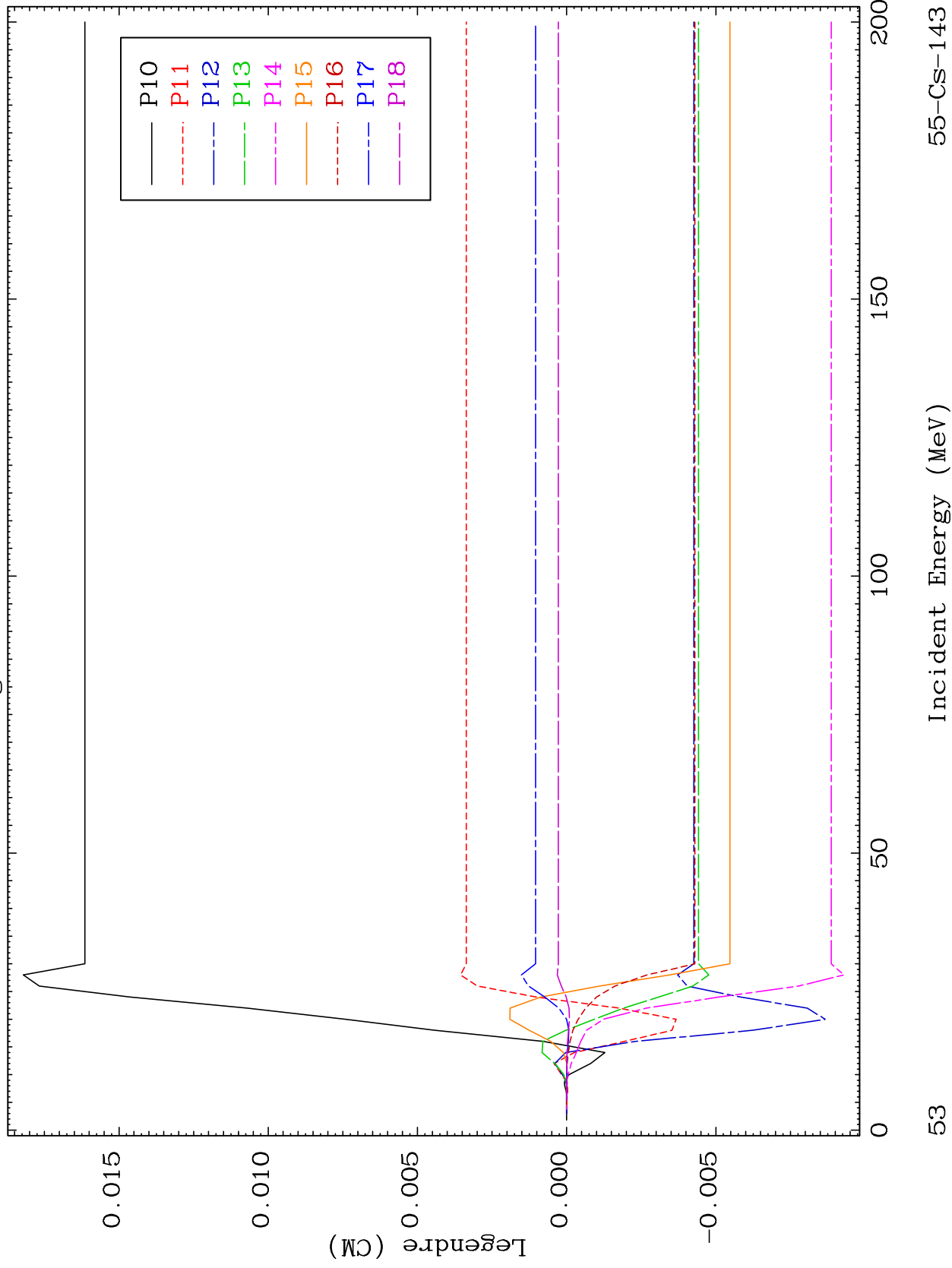
Incident Energy (MeV)

52

MAT 5555

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

55-Cs-143



55-Cs-143

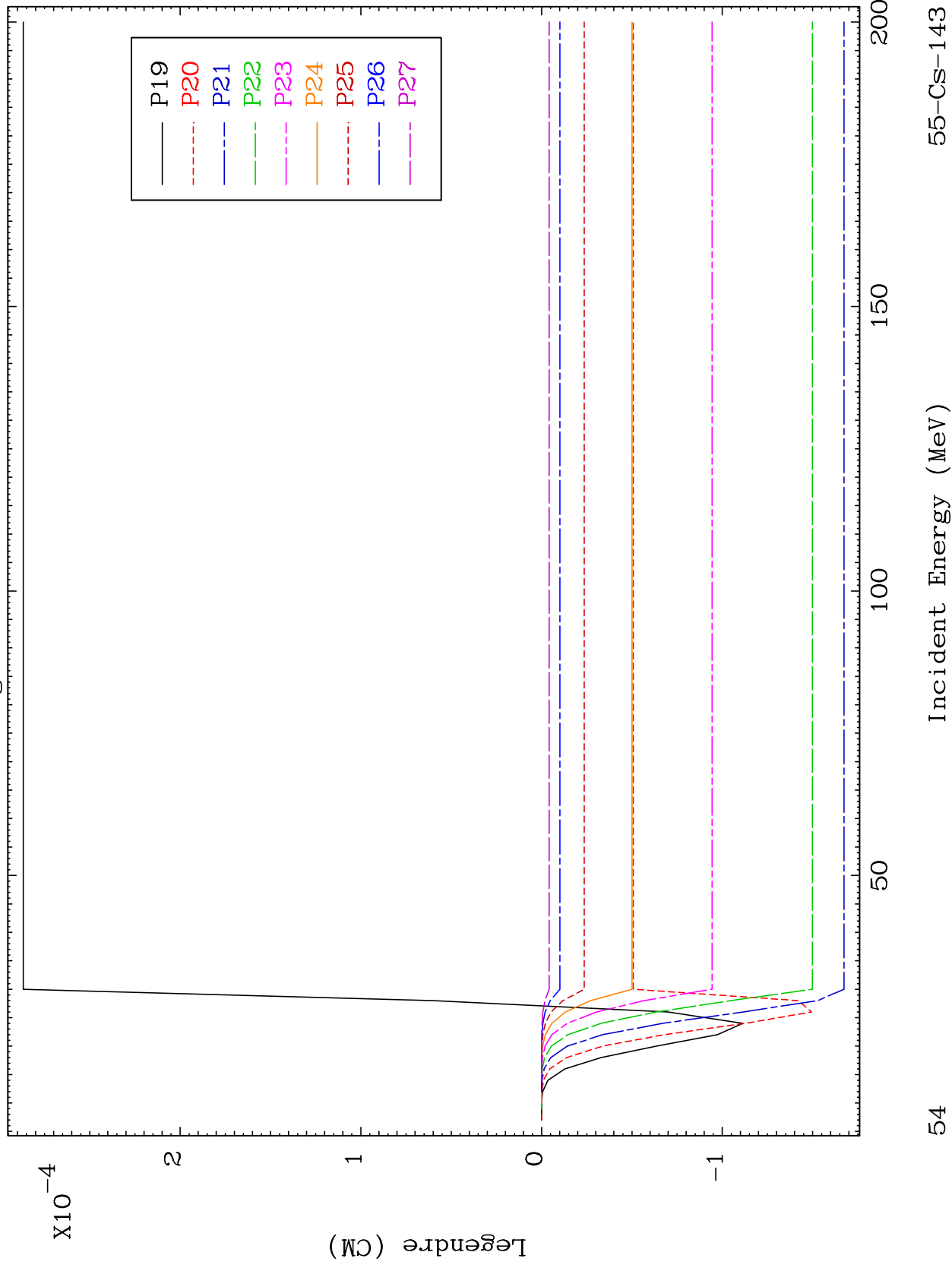
Incident Energy (MeV)

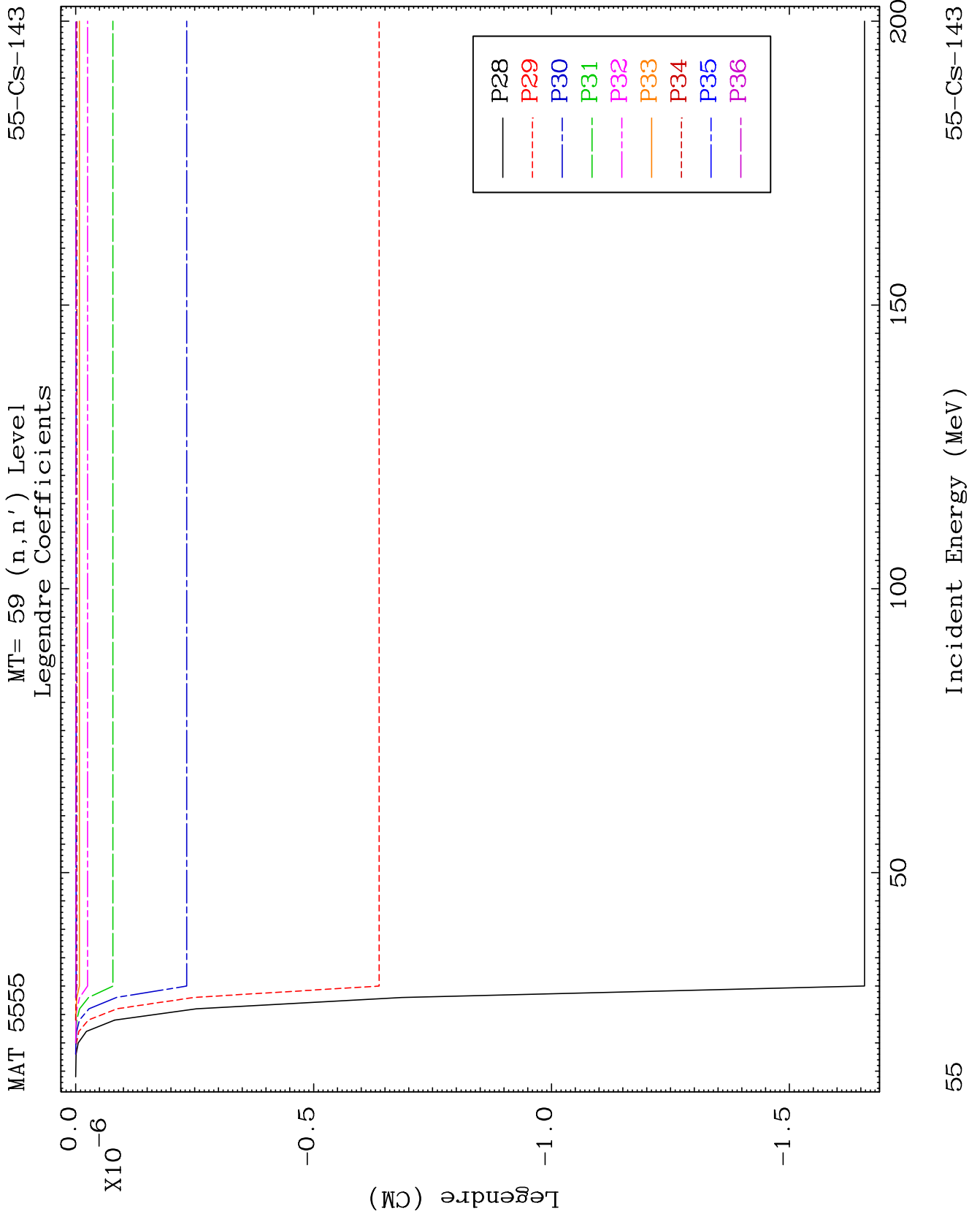
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MAT 5555

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

55-Cs-143

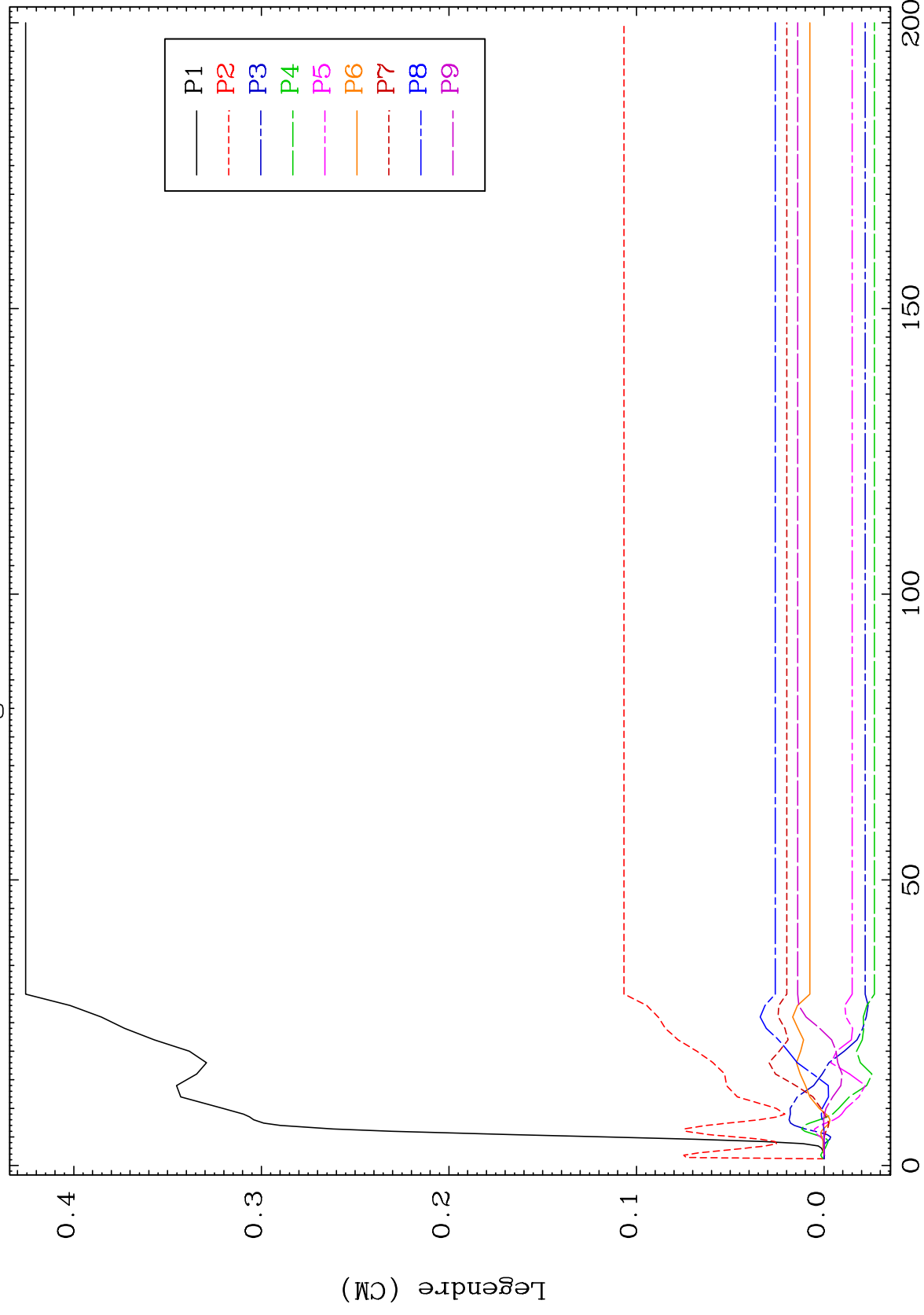




MAT 5555

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

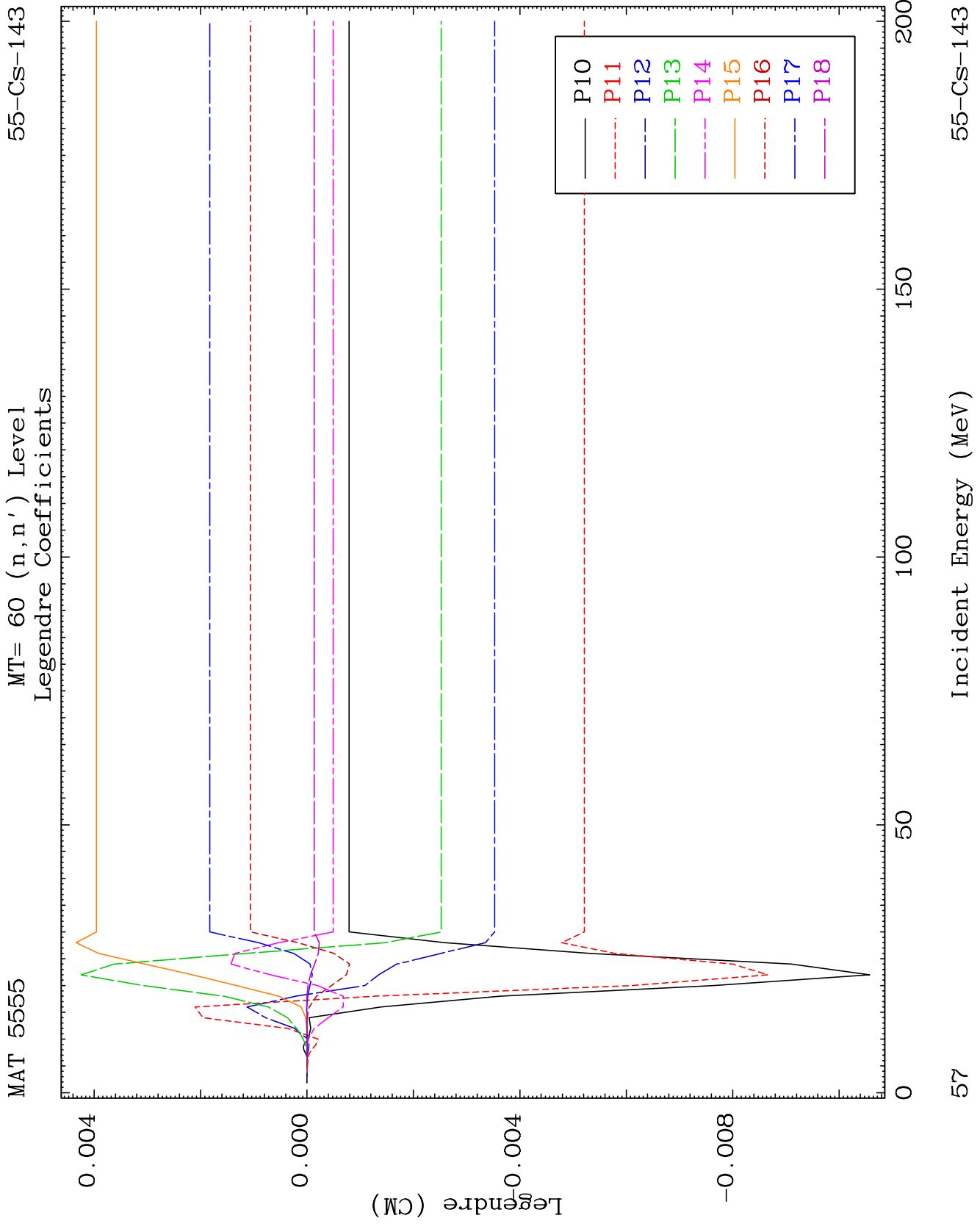
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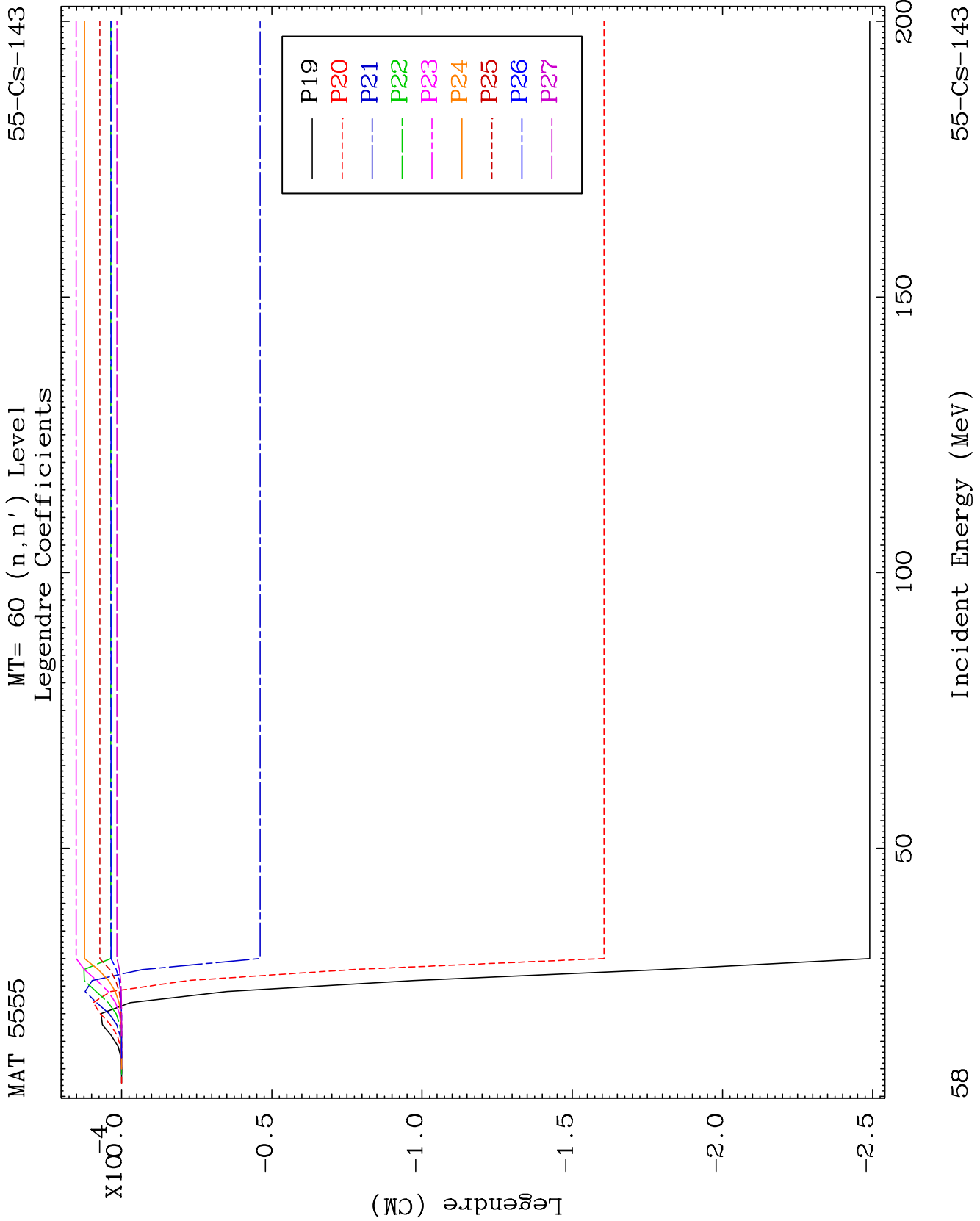


55-Cs-143

Incident Energy (MeV)

56

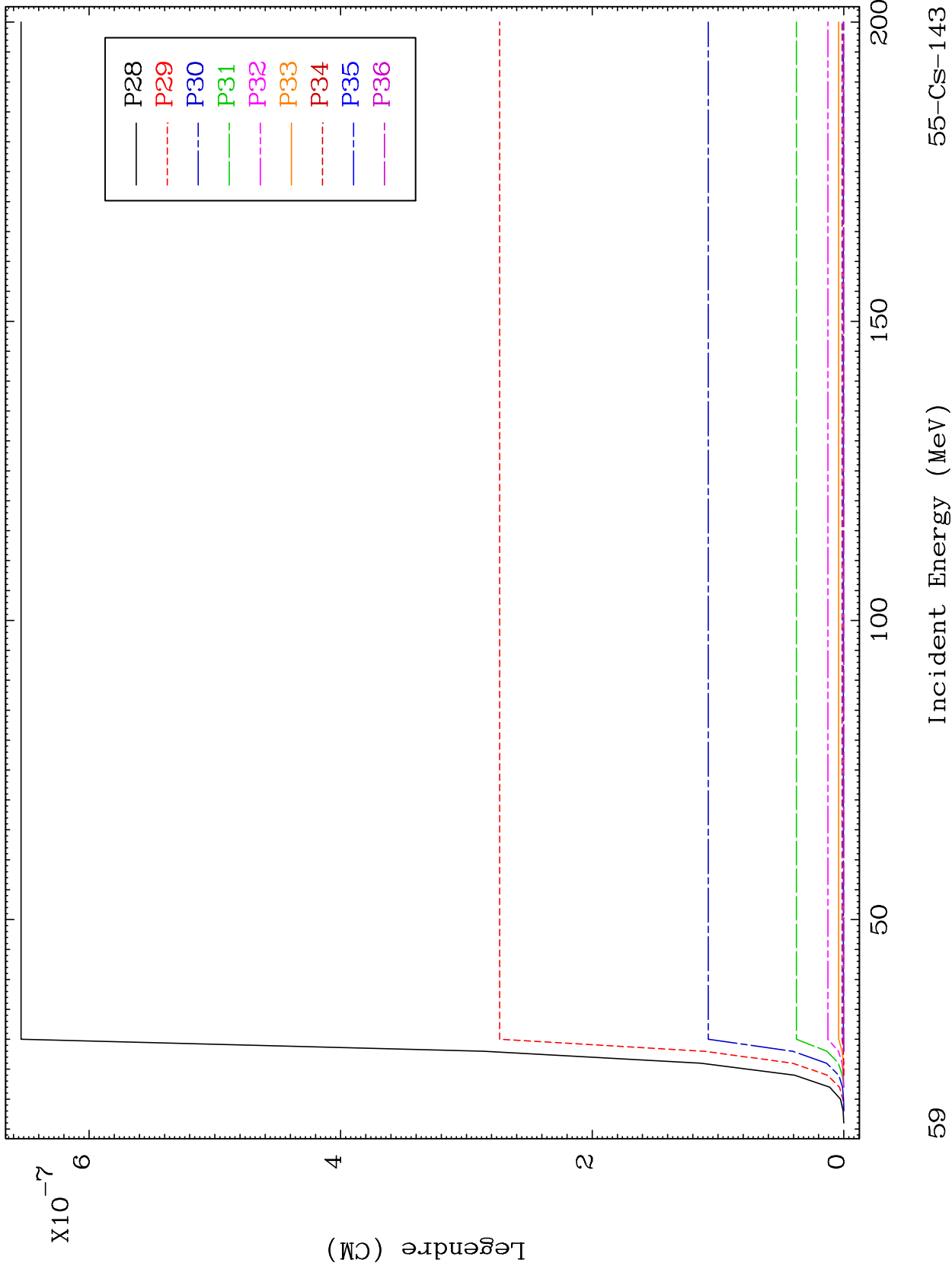




MAT 5555

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

55-Cs-143



59

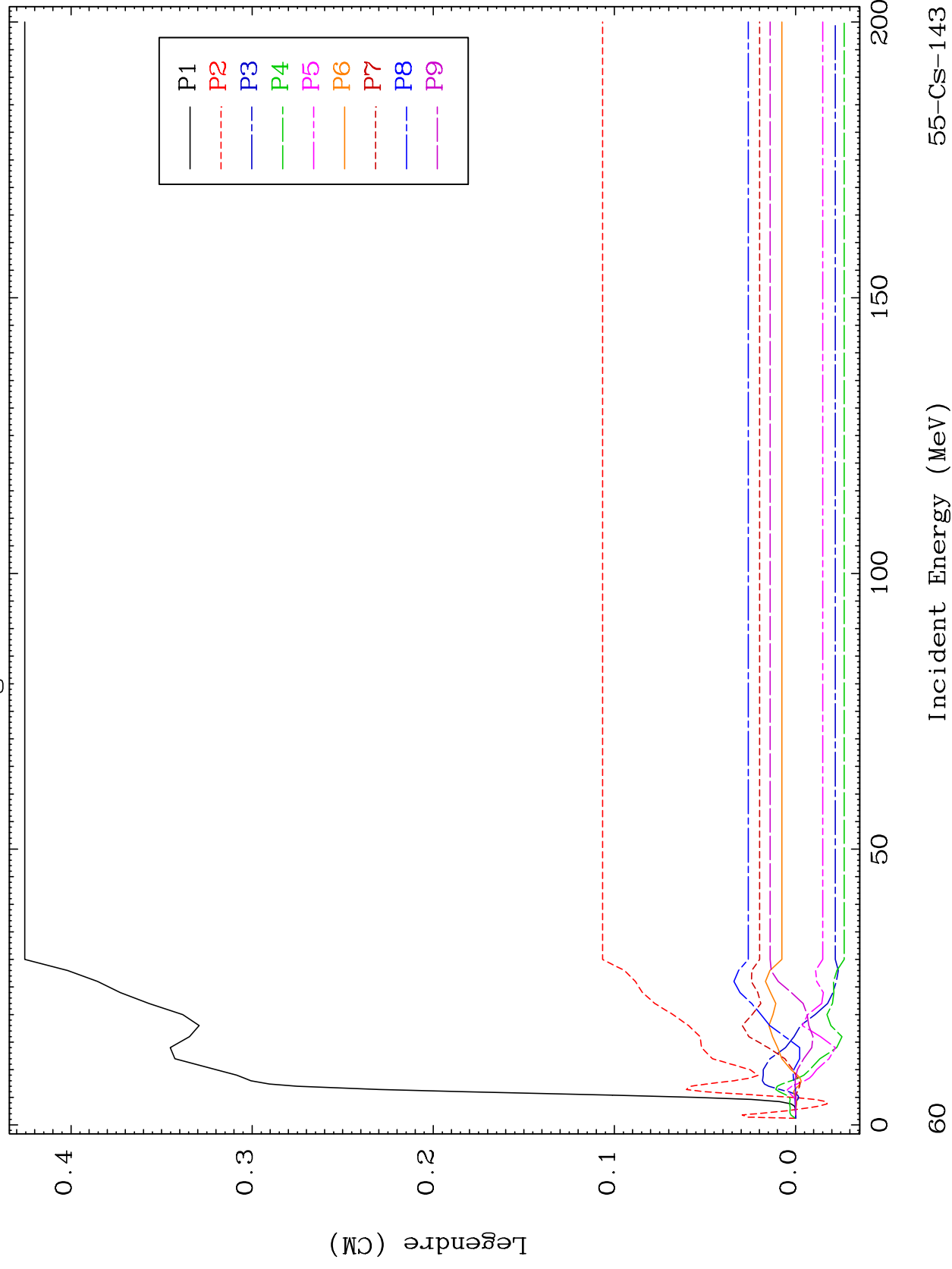
Incident Energy (MeV)

55-Cs-143

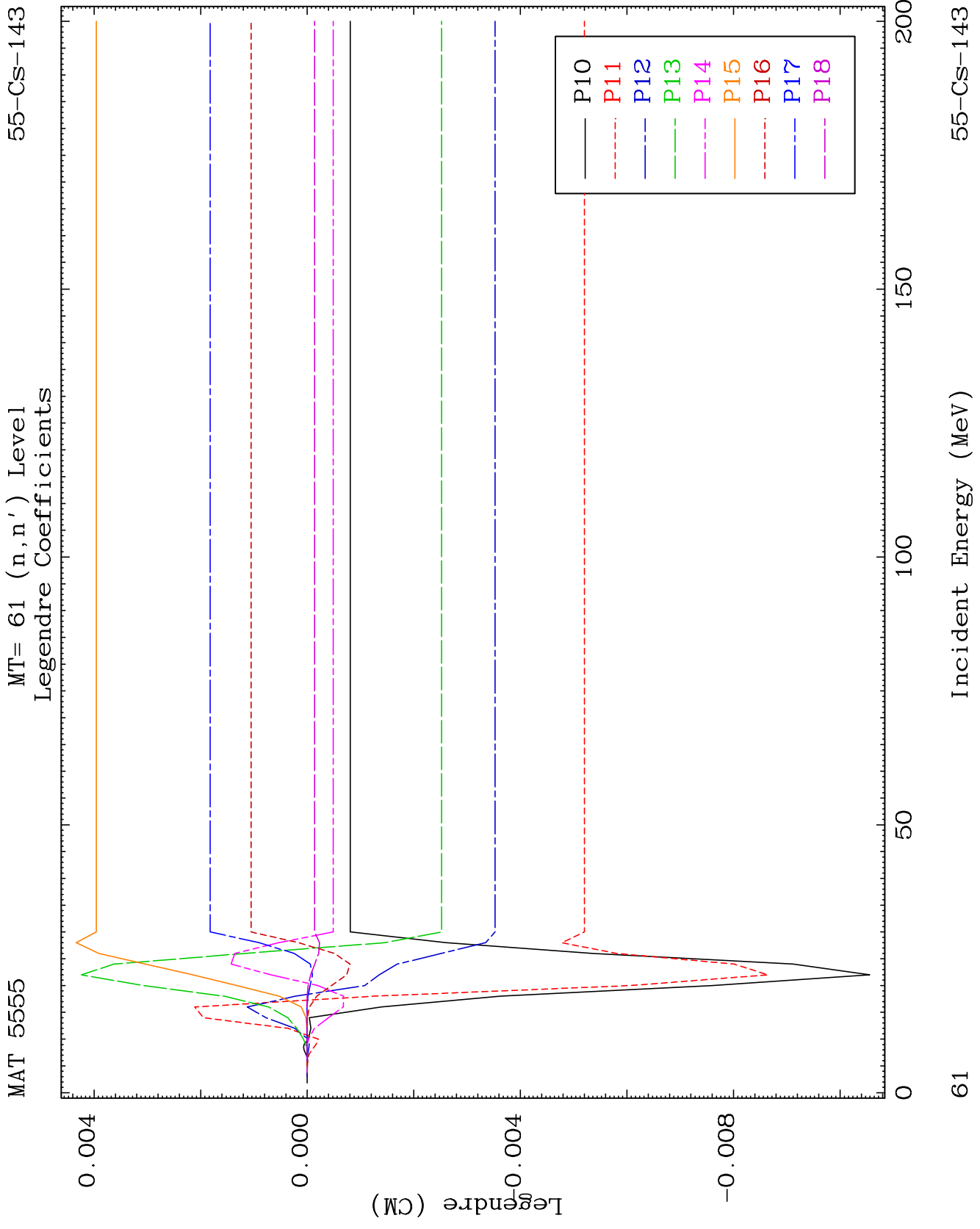
MAT 5555

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

55-Cs-143



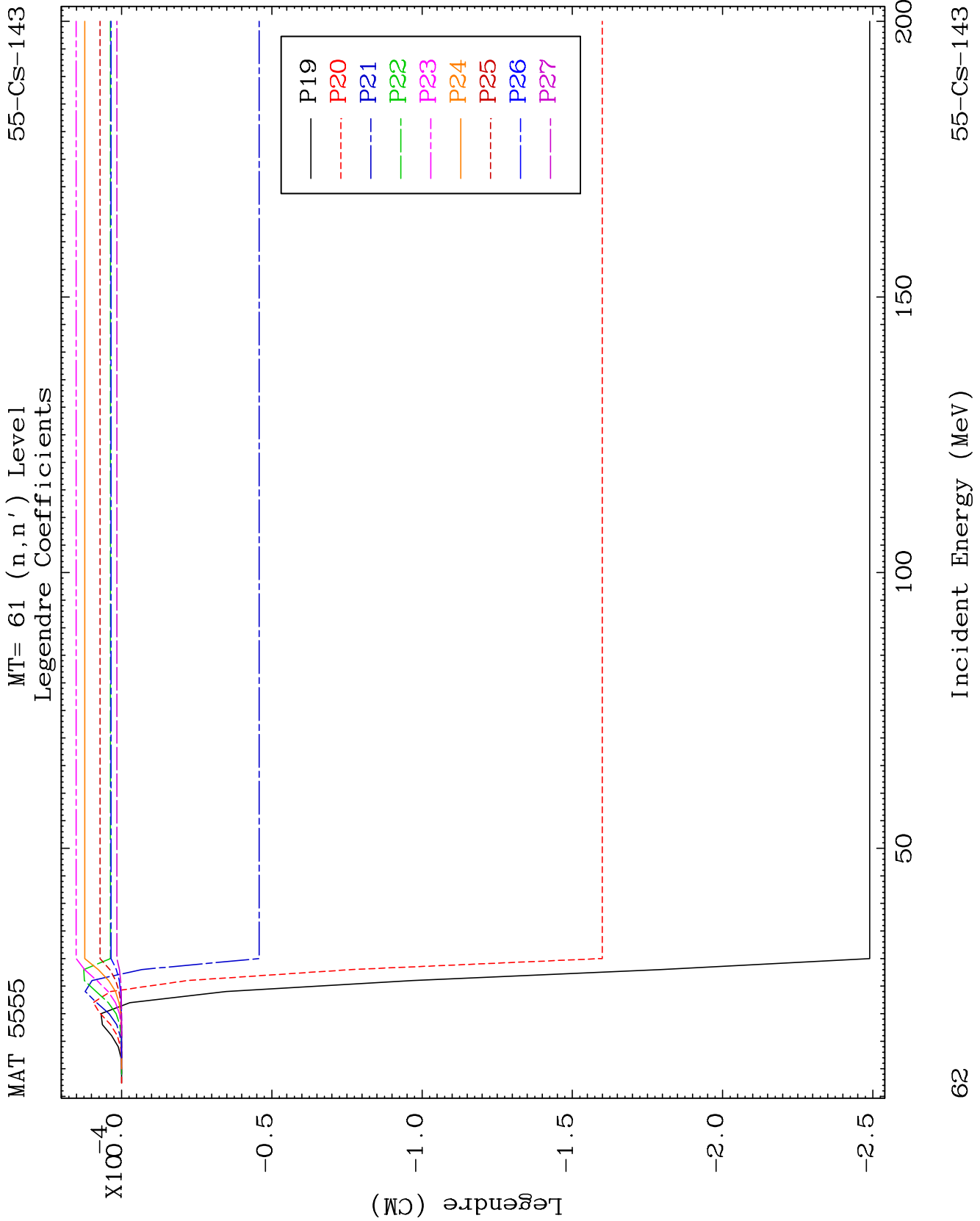
55-Cs-143



55-Cs-143

Incident Energy (MeV)

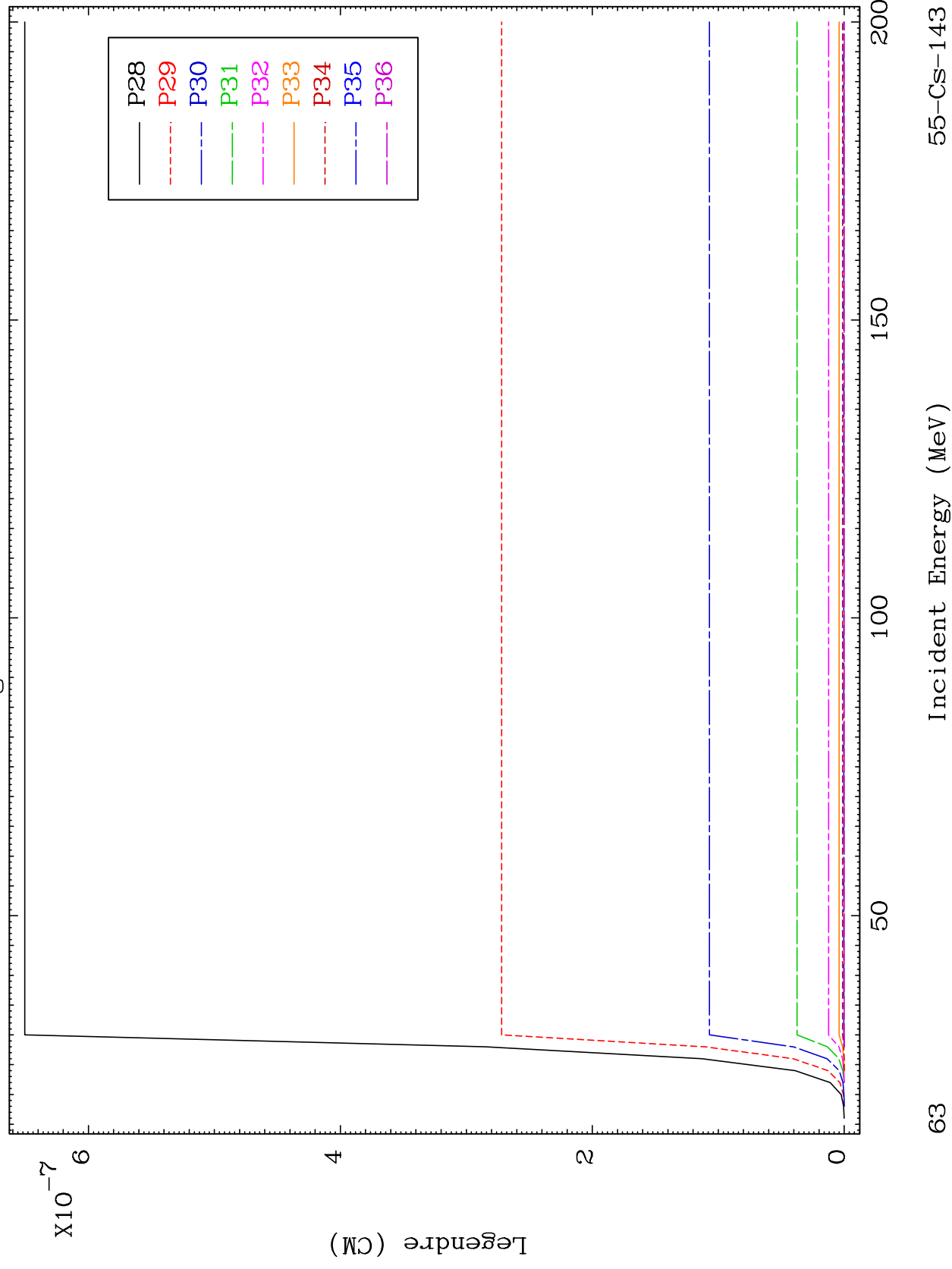
61



MAT 5555

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

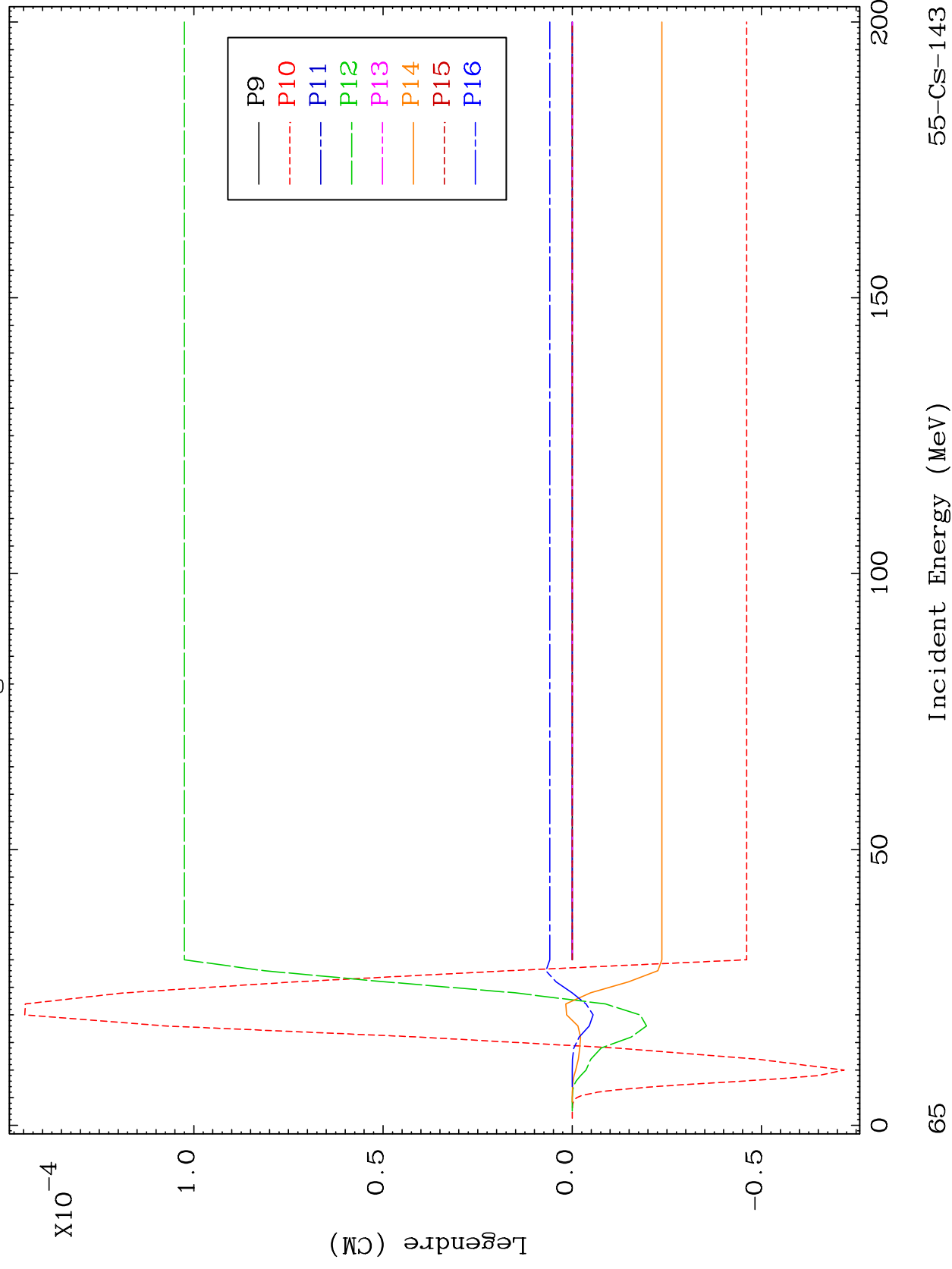
55-Cs-143



MAT 5555

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

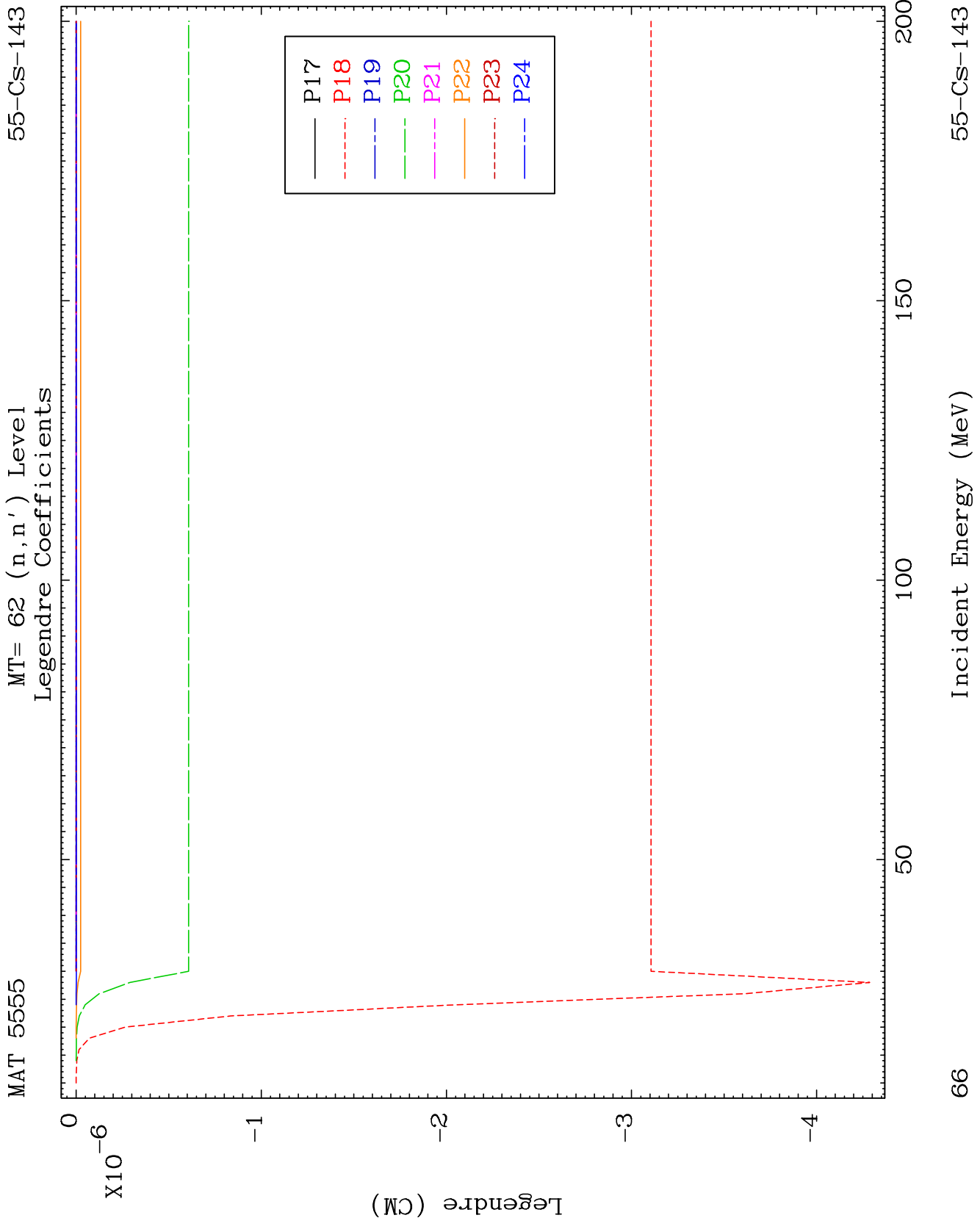
55-Cs-143



55-Cs-143

Incident Energy (MeV)

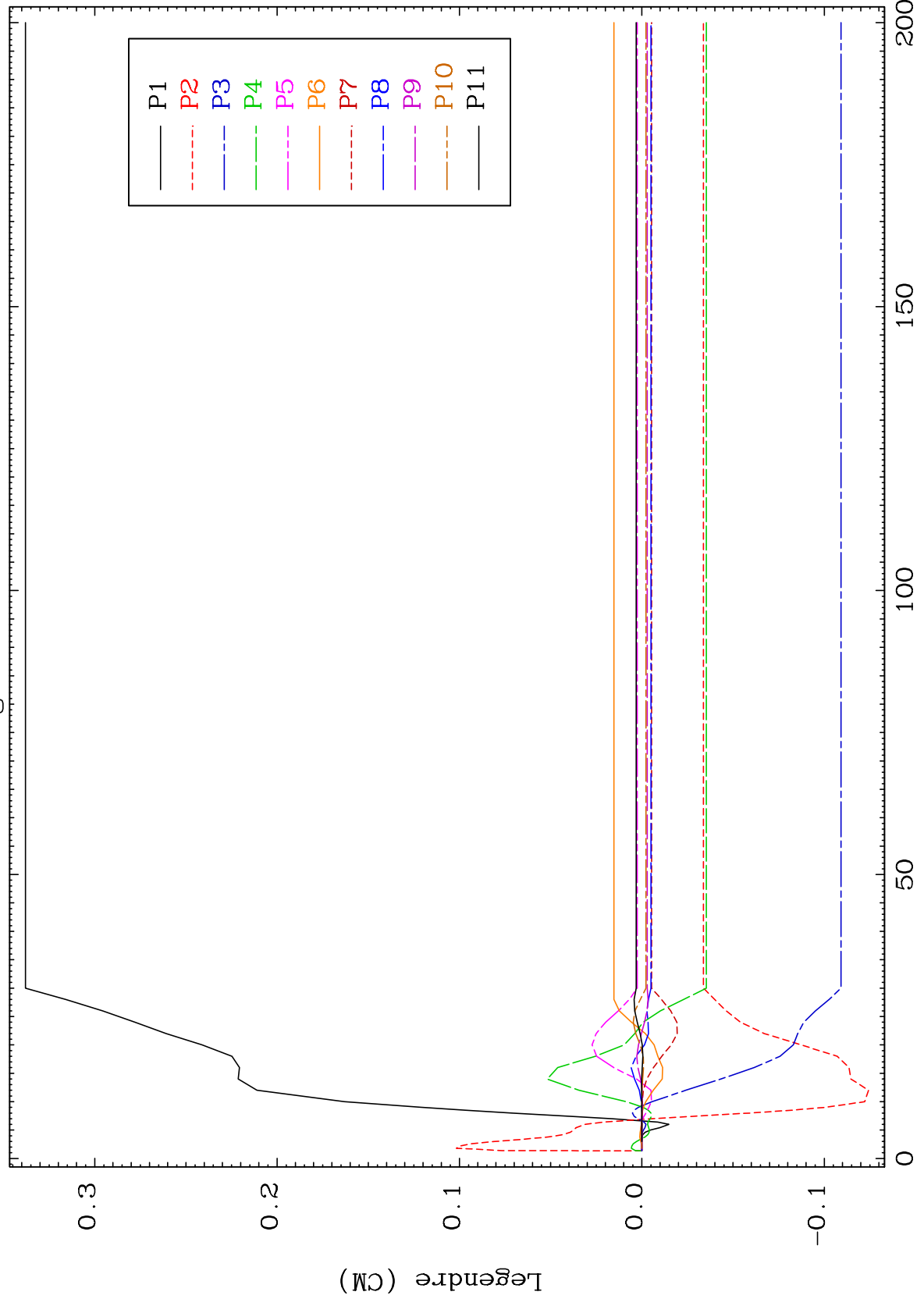
65



MAT 5555

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

55-Cs-143



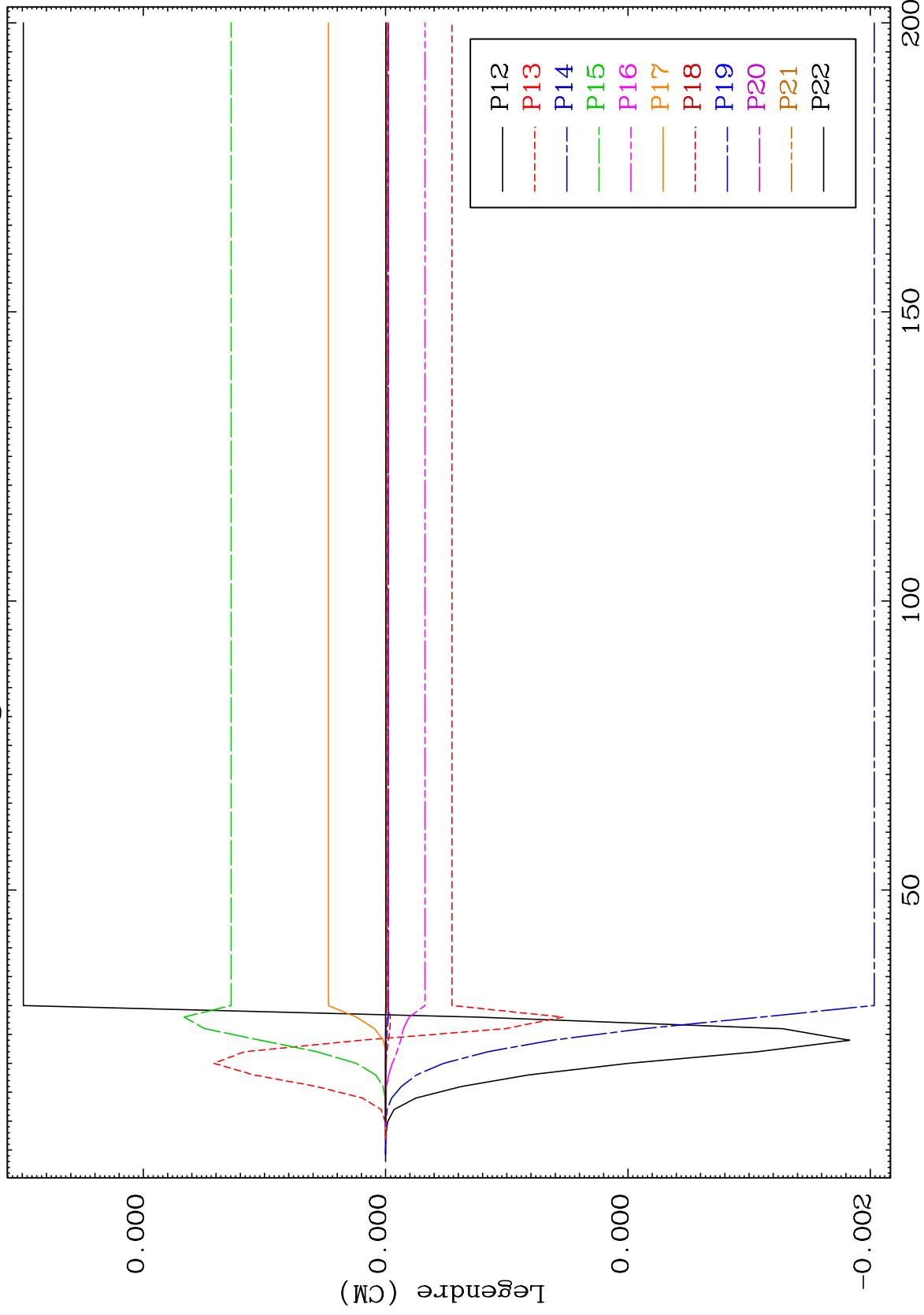
67

55-Cs-143

MAT 5555

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

55-Cs-143



68

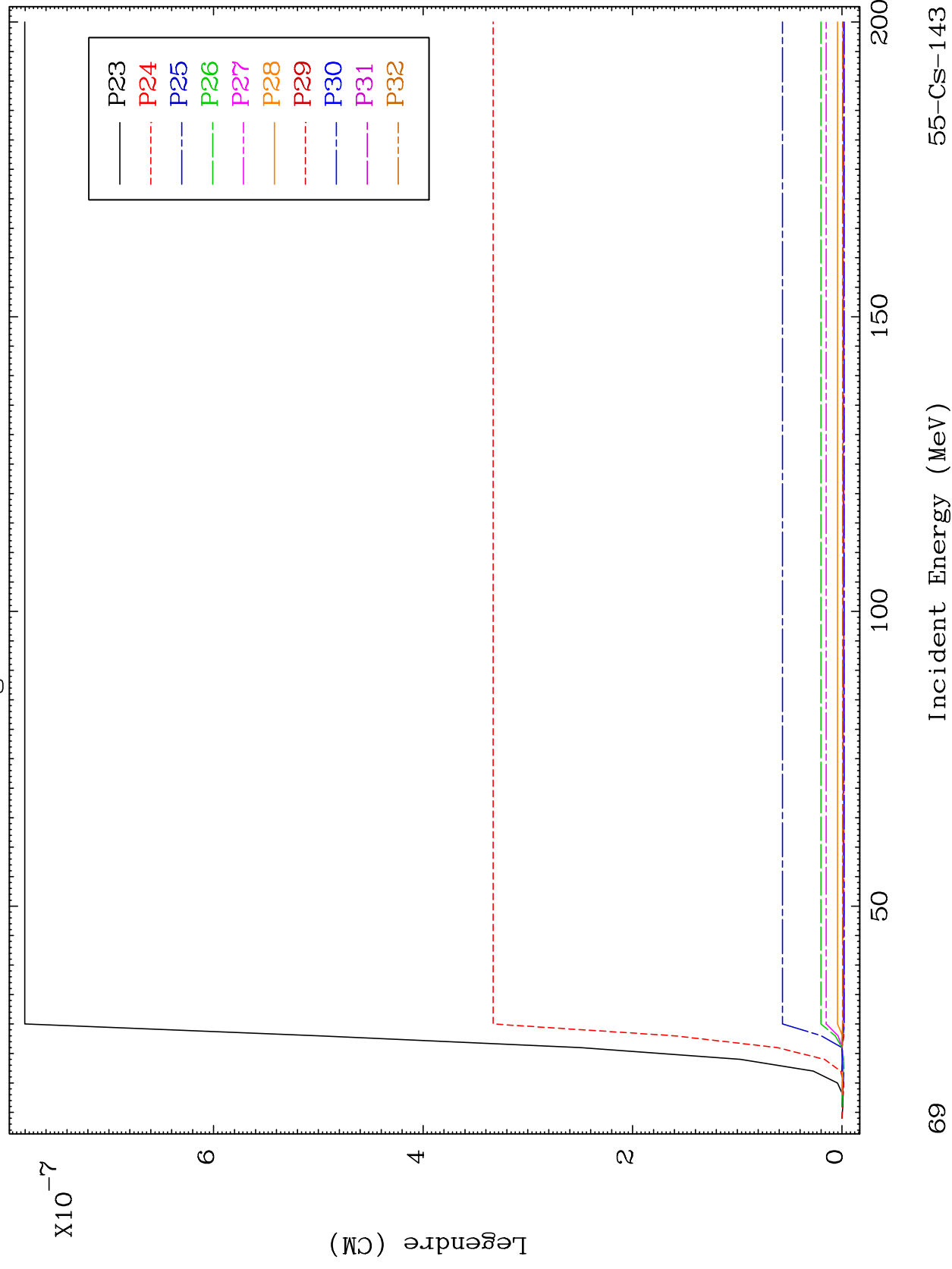
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

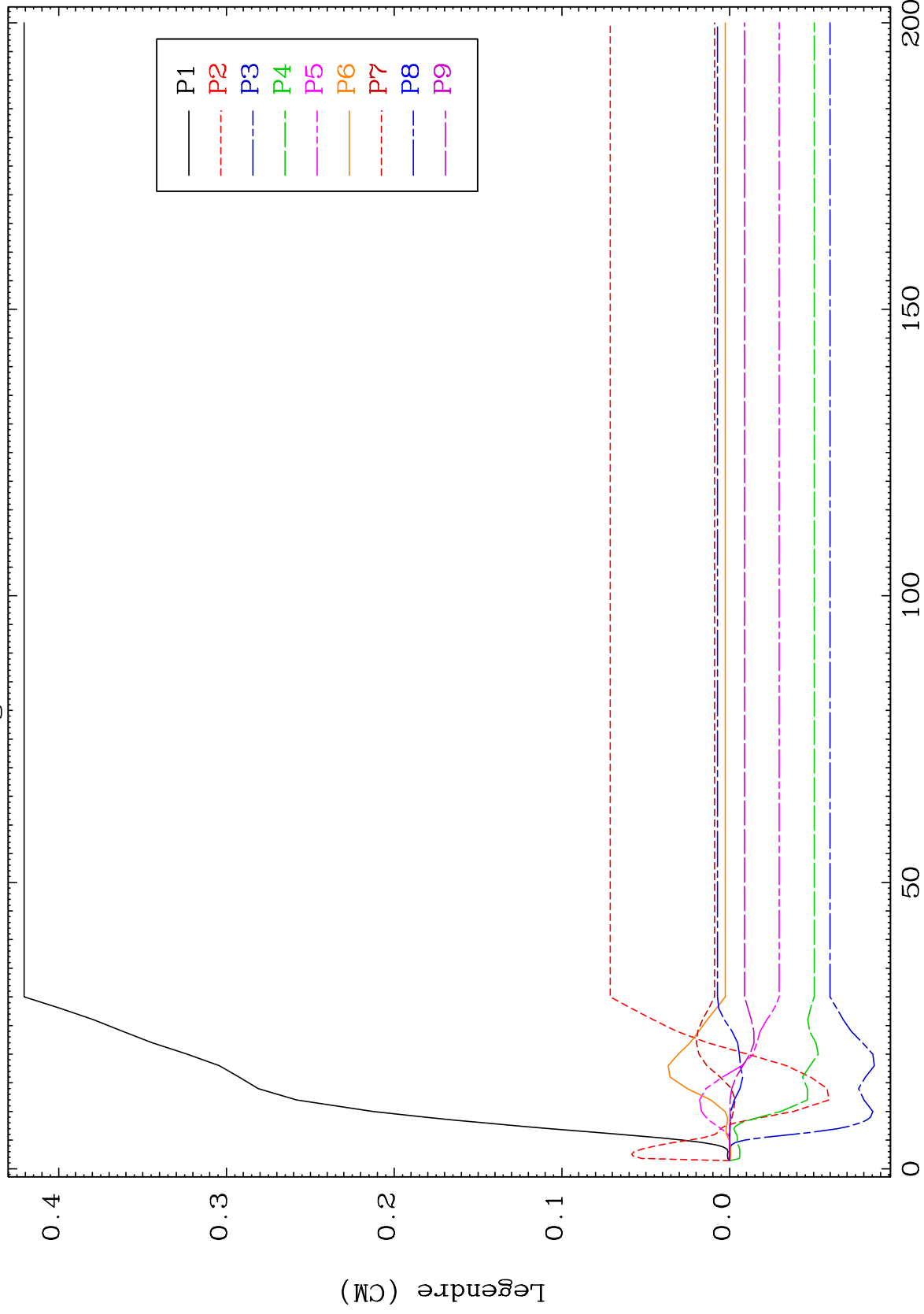
55-Cs-143



MAT 5555

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

55-Cs-143



55-Cs-143

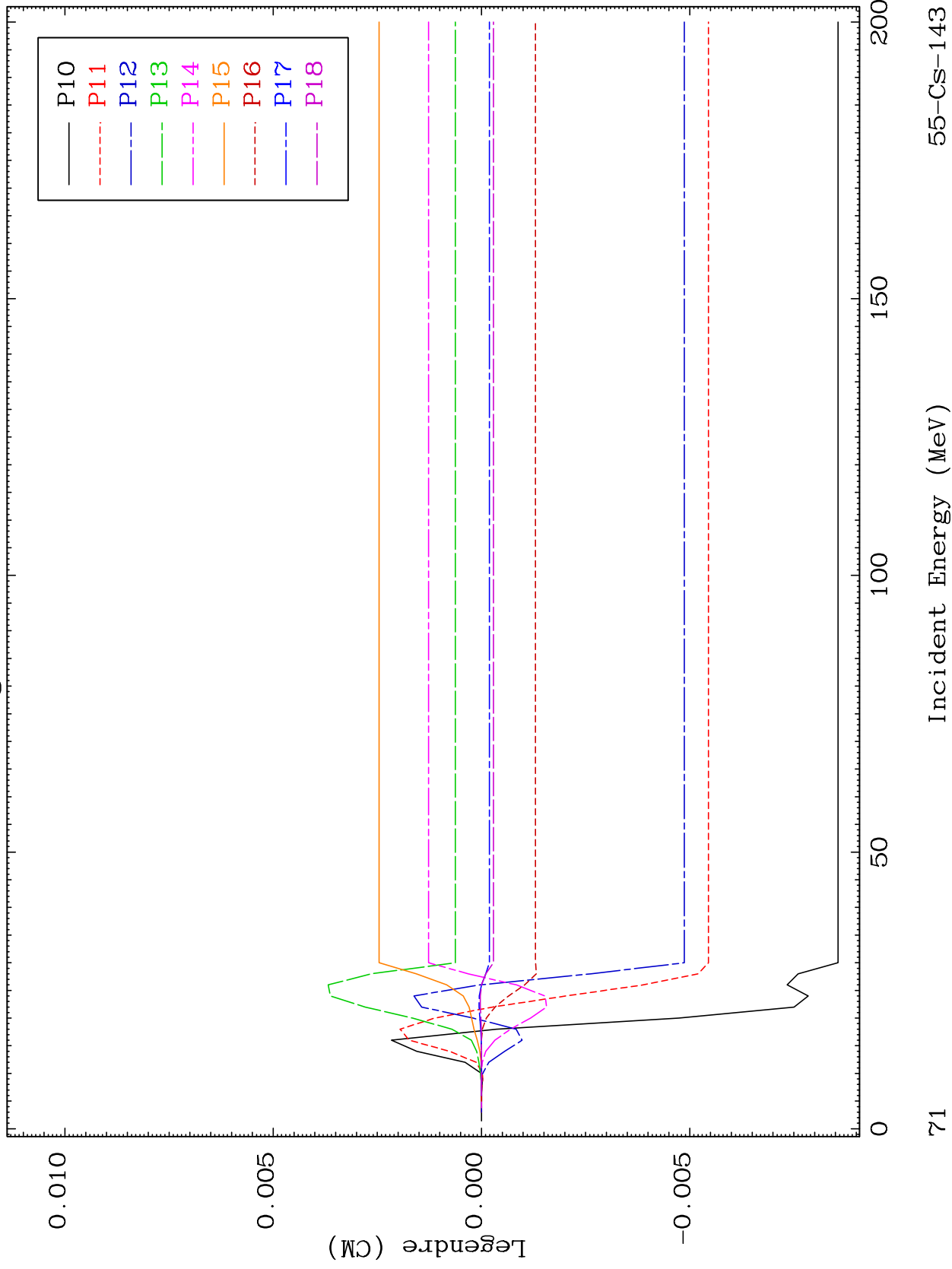
Incident Energy (MeV)

70

MAT 5555

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

55-Cs-143



71

Incident Energy (MeV)

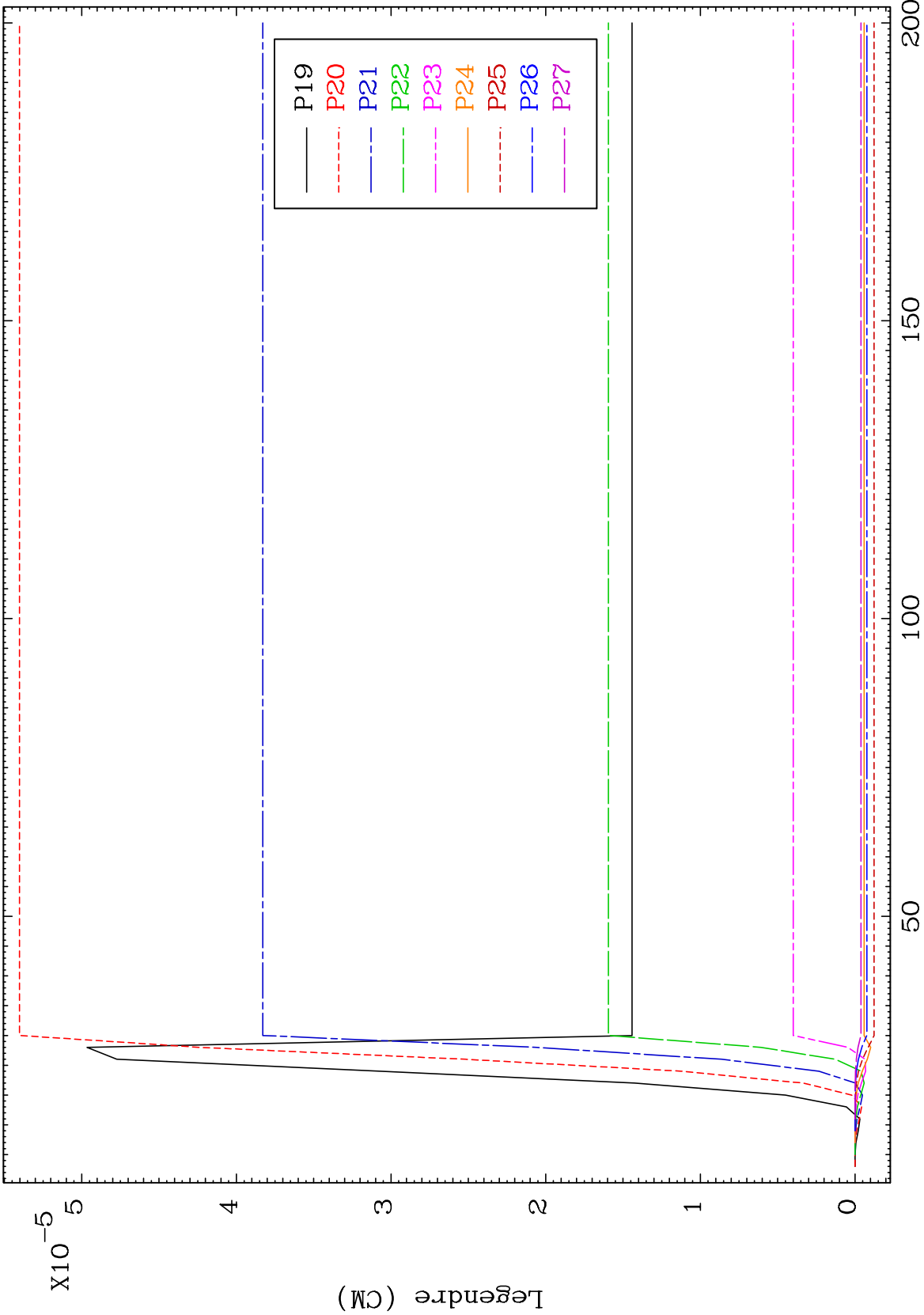
55-Cs-143

MAT 5555

MT= 64 (n,n') Level

55-Cs-143

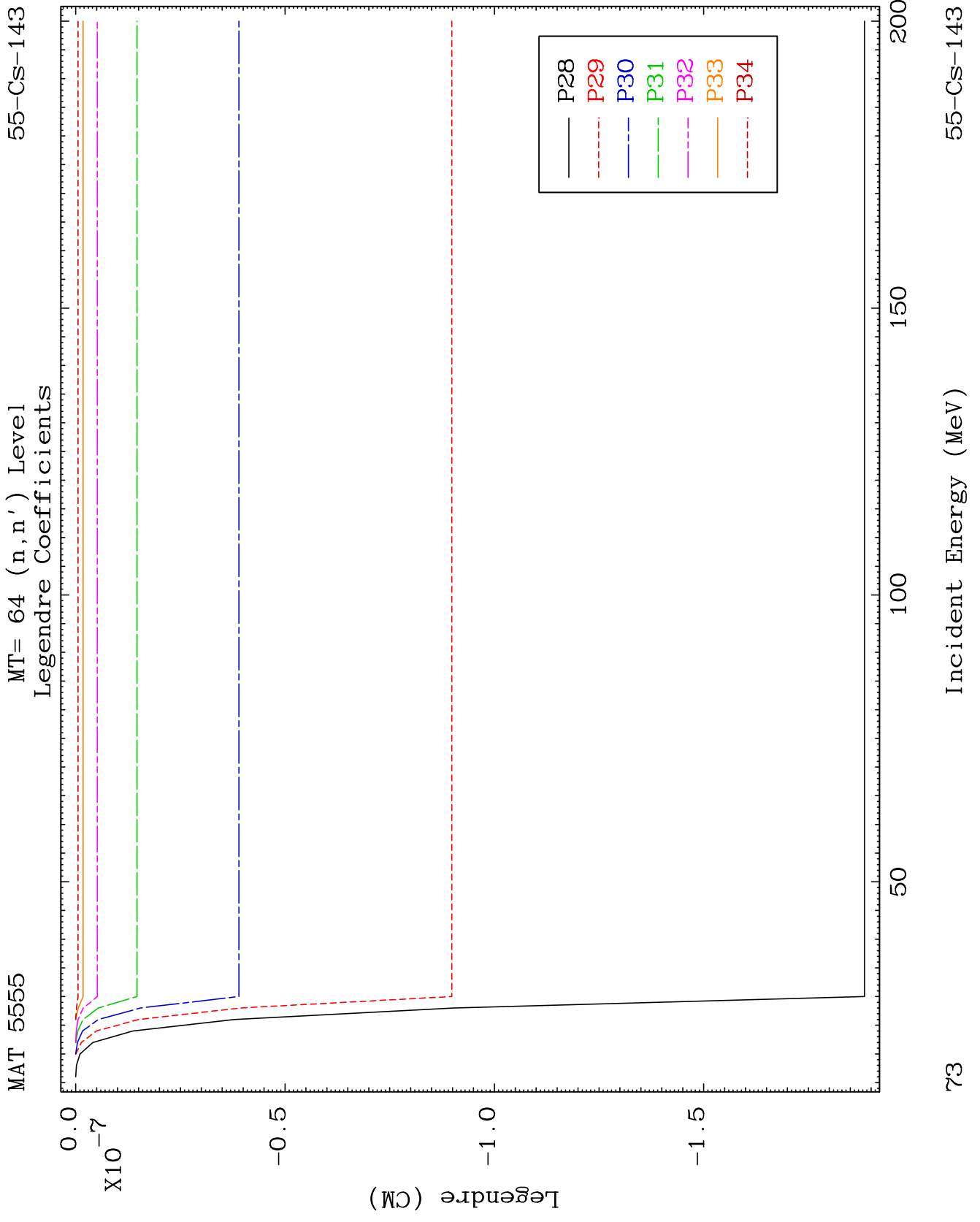
Legendre Coefficients



55-Cs-143

Incident Energy (MeV)

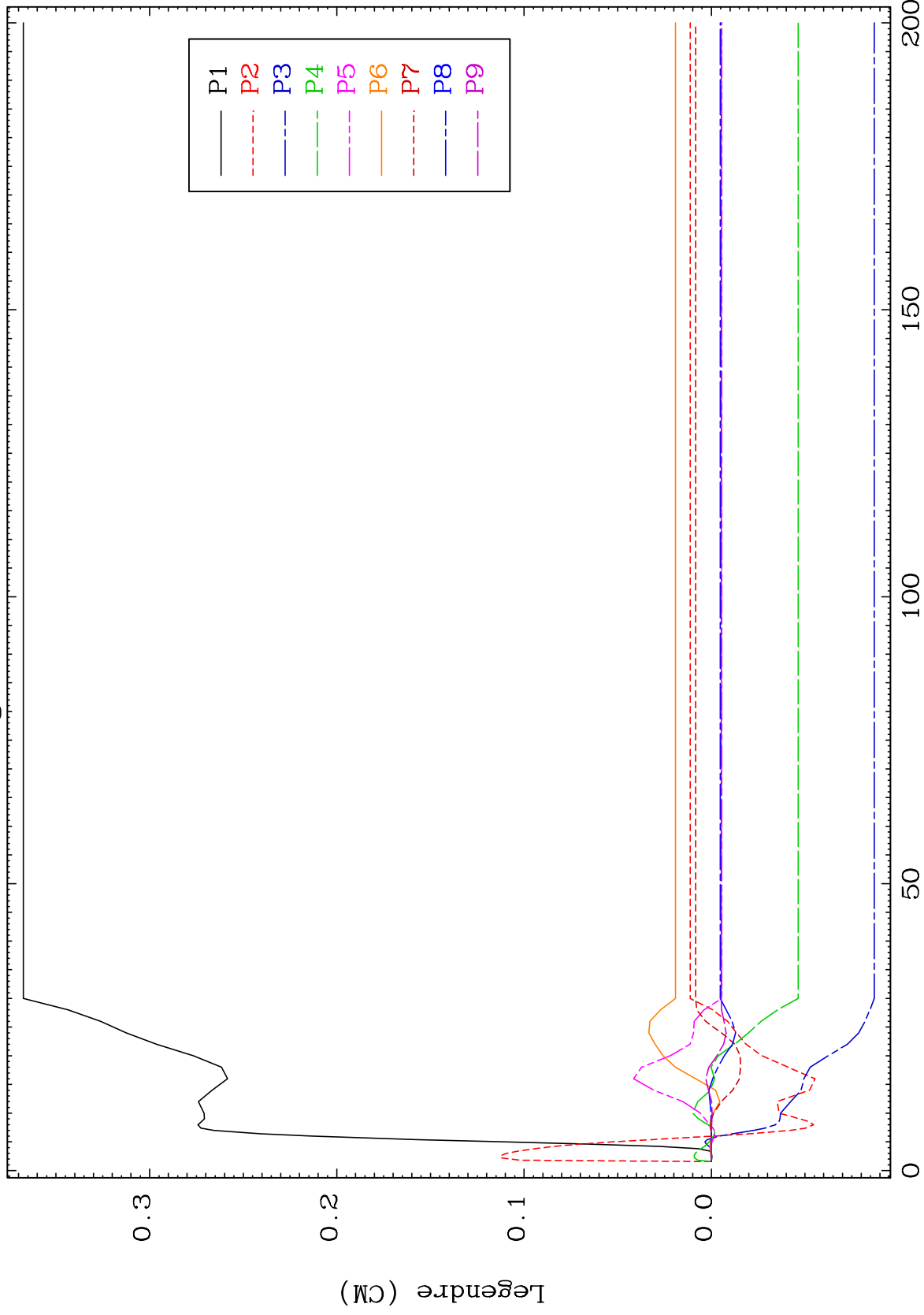
72



MAT 5555

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

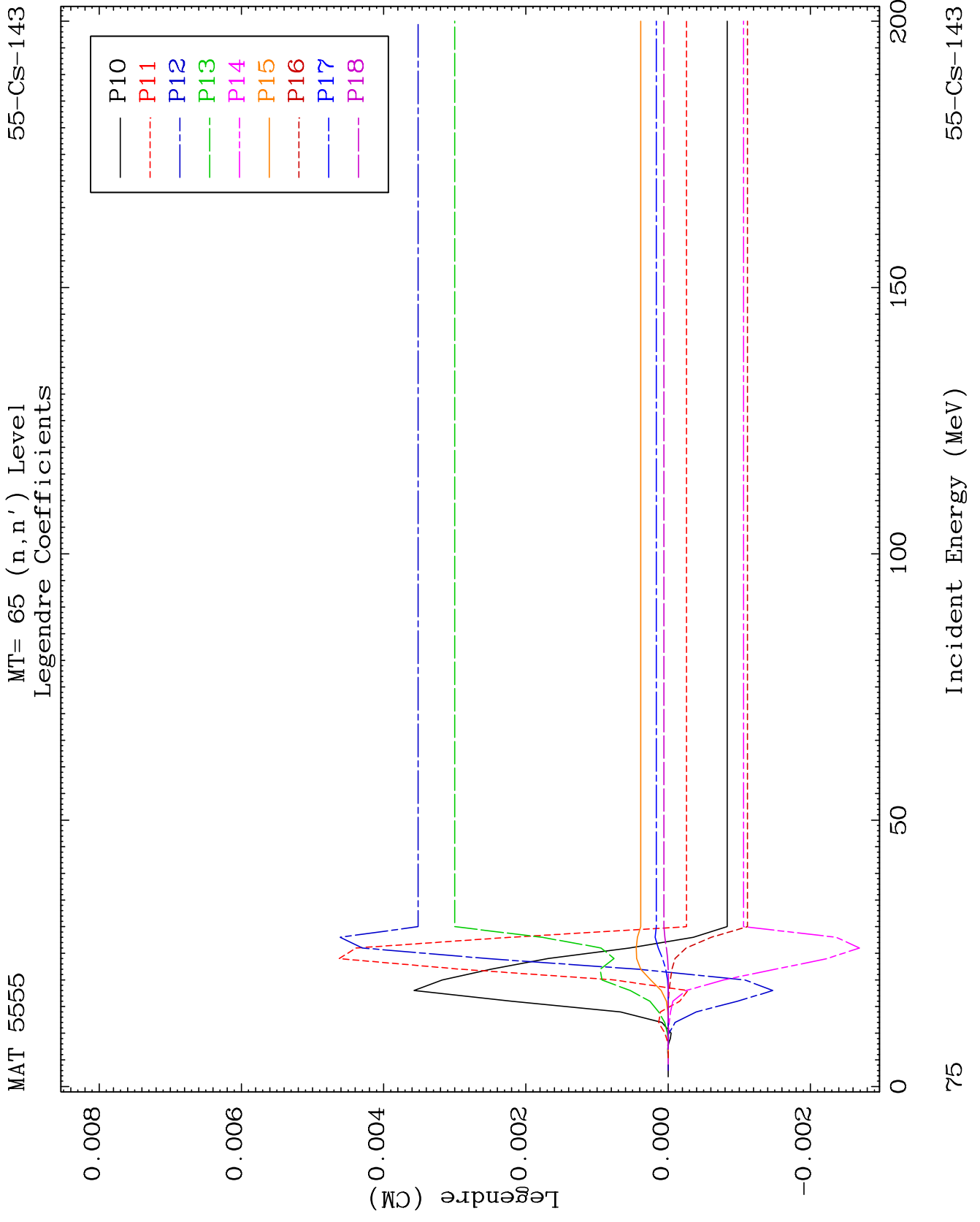
55-Cs-143



74

Incident Energy (MeV)

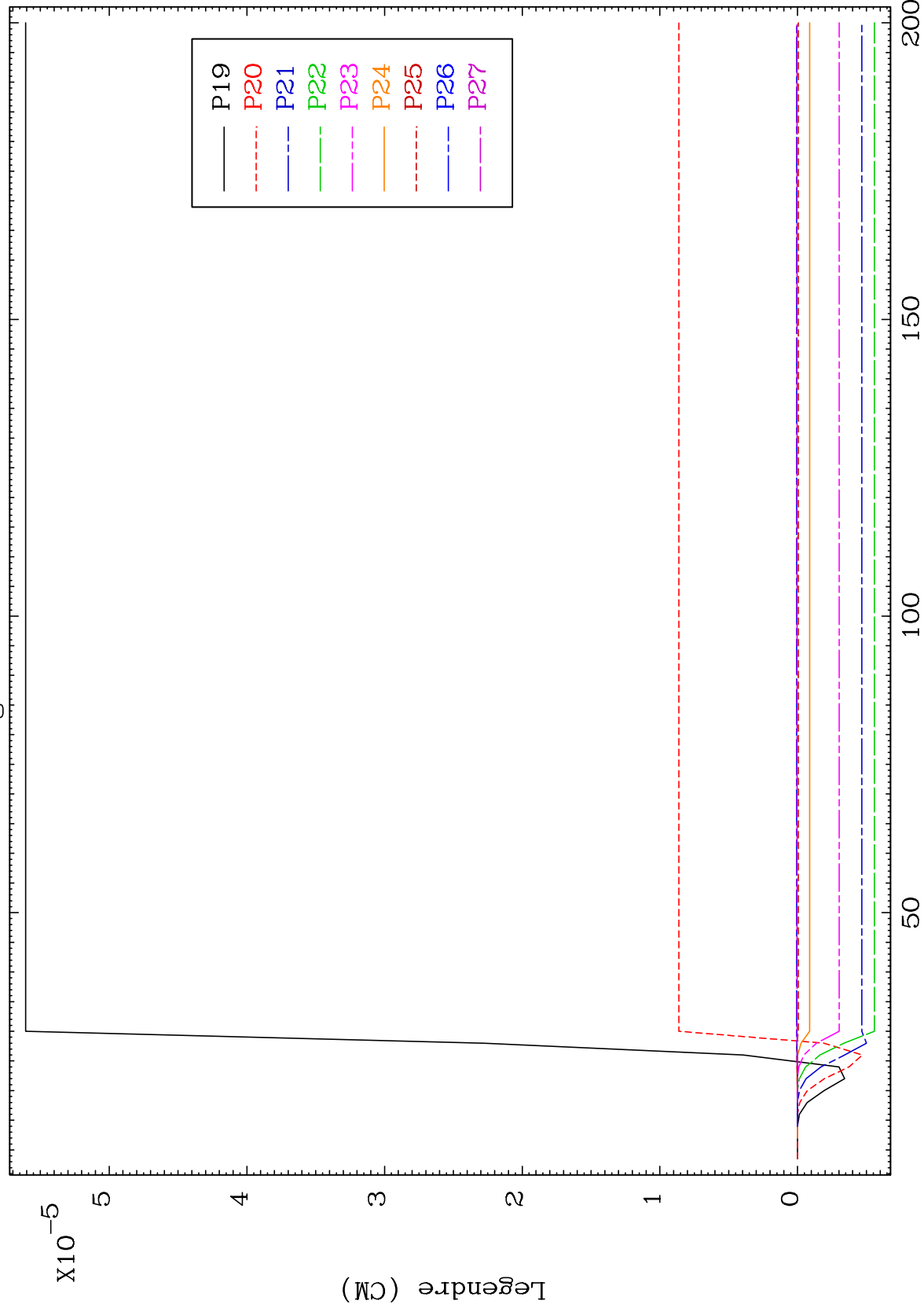
55-Cs-143



MAT 5555

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

55-Cs-143



76

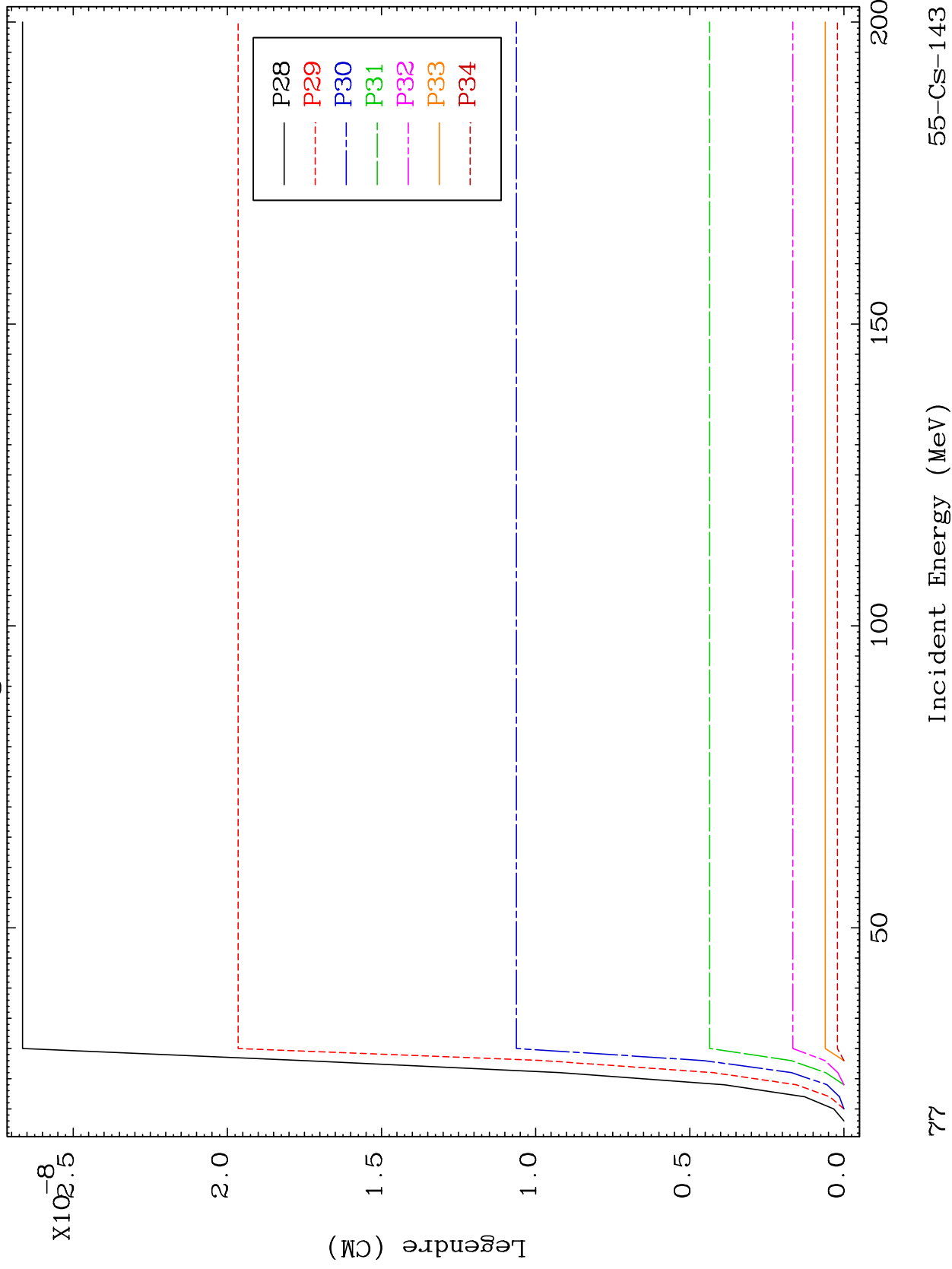
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



77

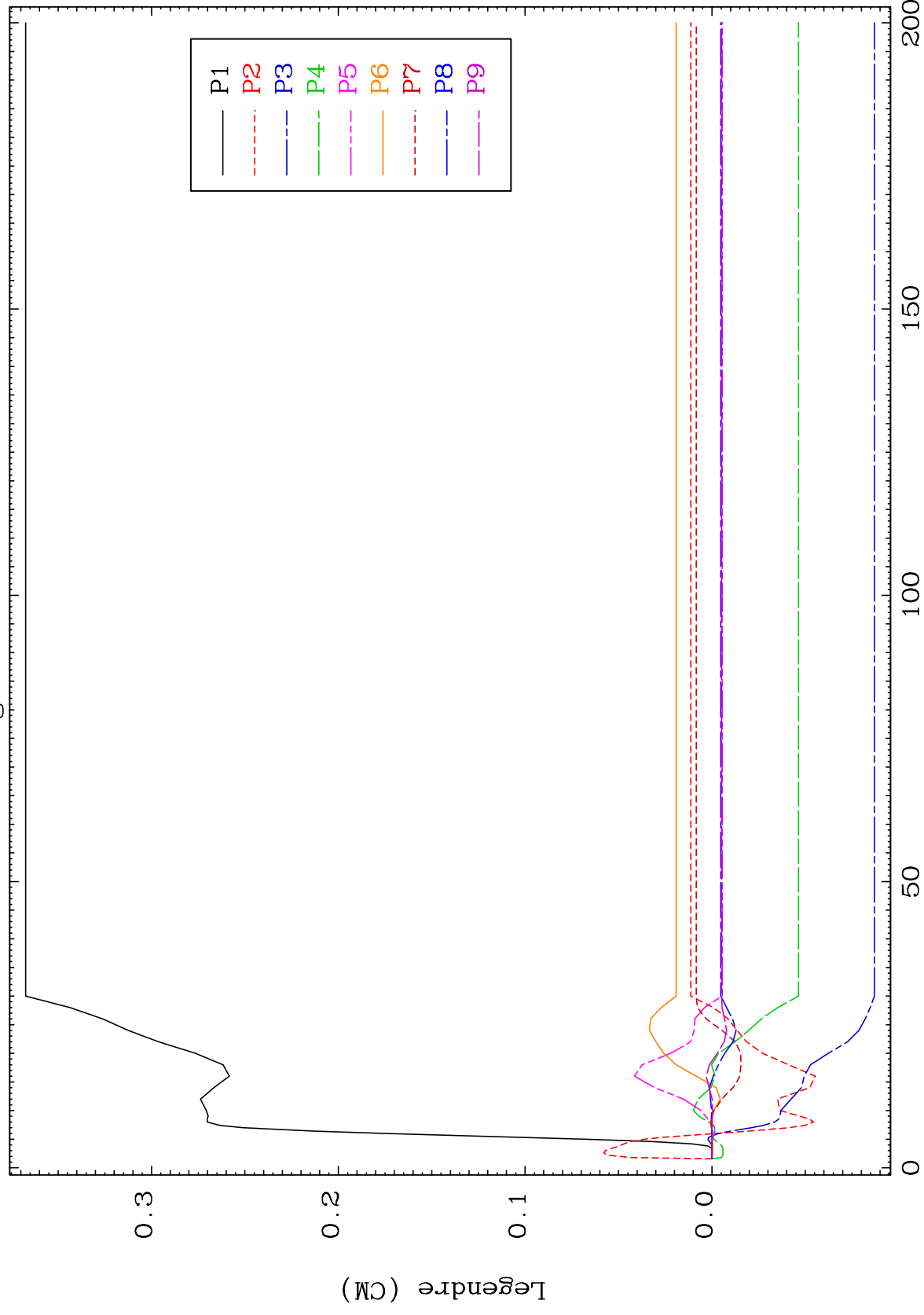
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



78

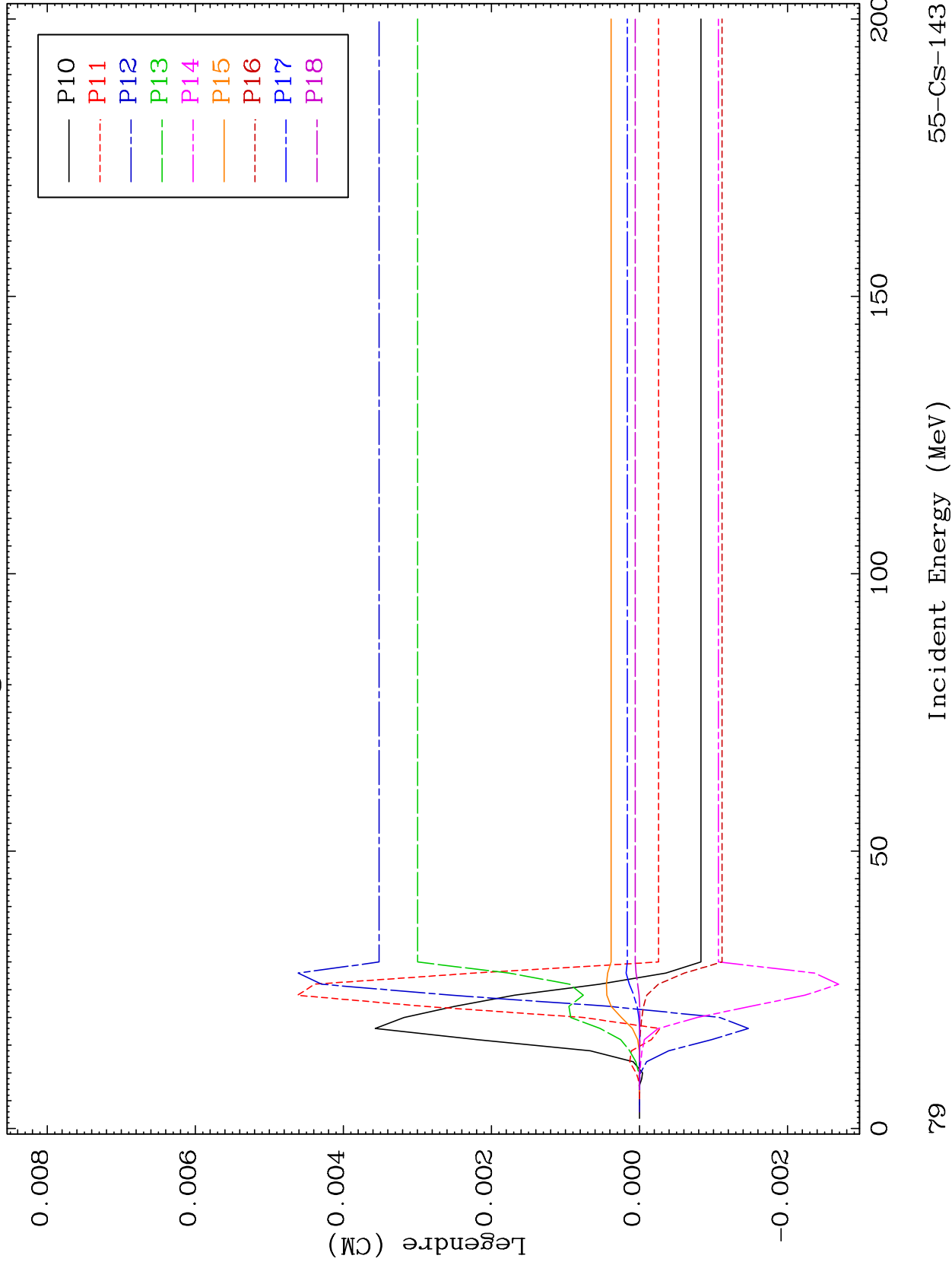
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



79

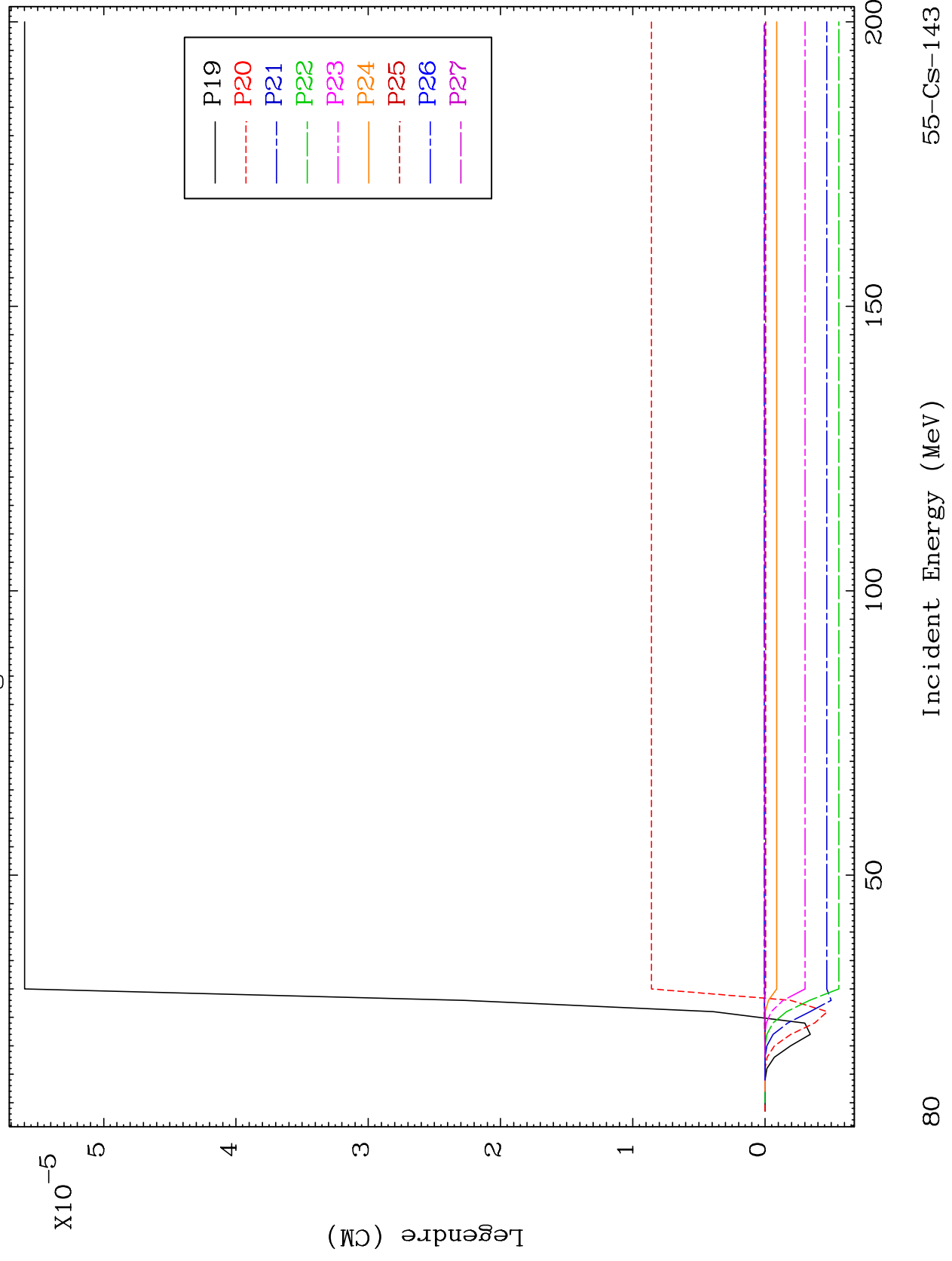
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

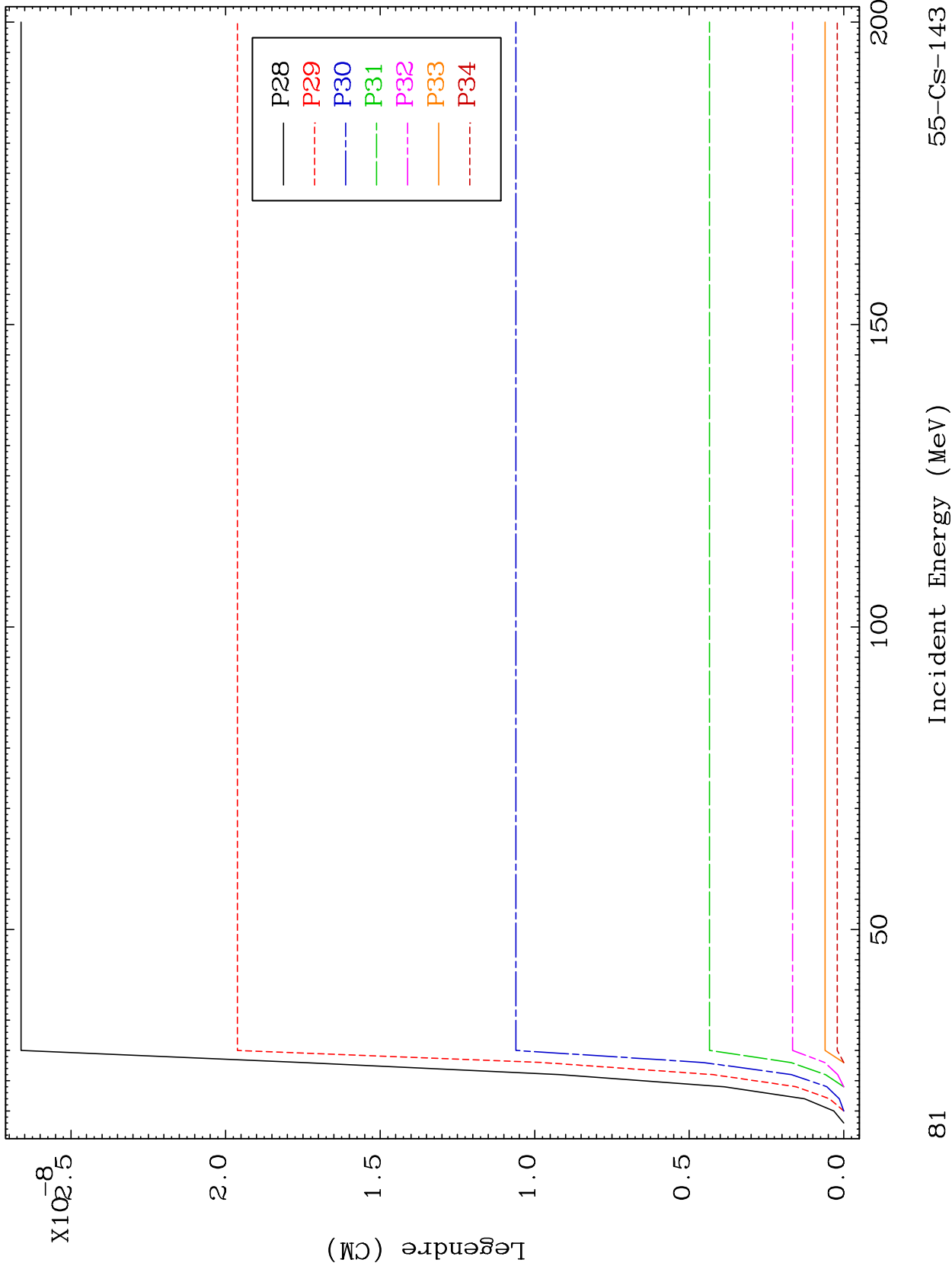
55-Cs-143



MAT 5555

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

55-Cs-143



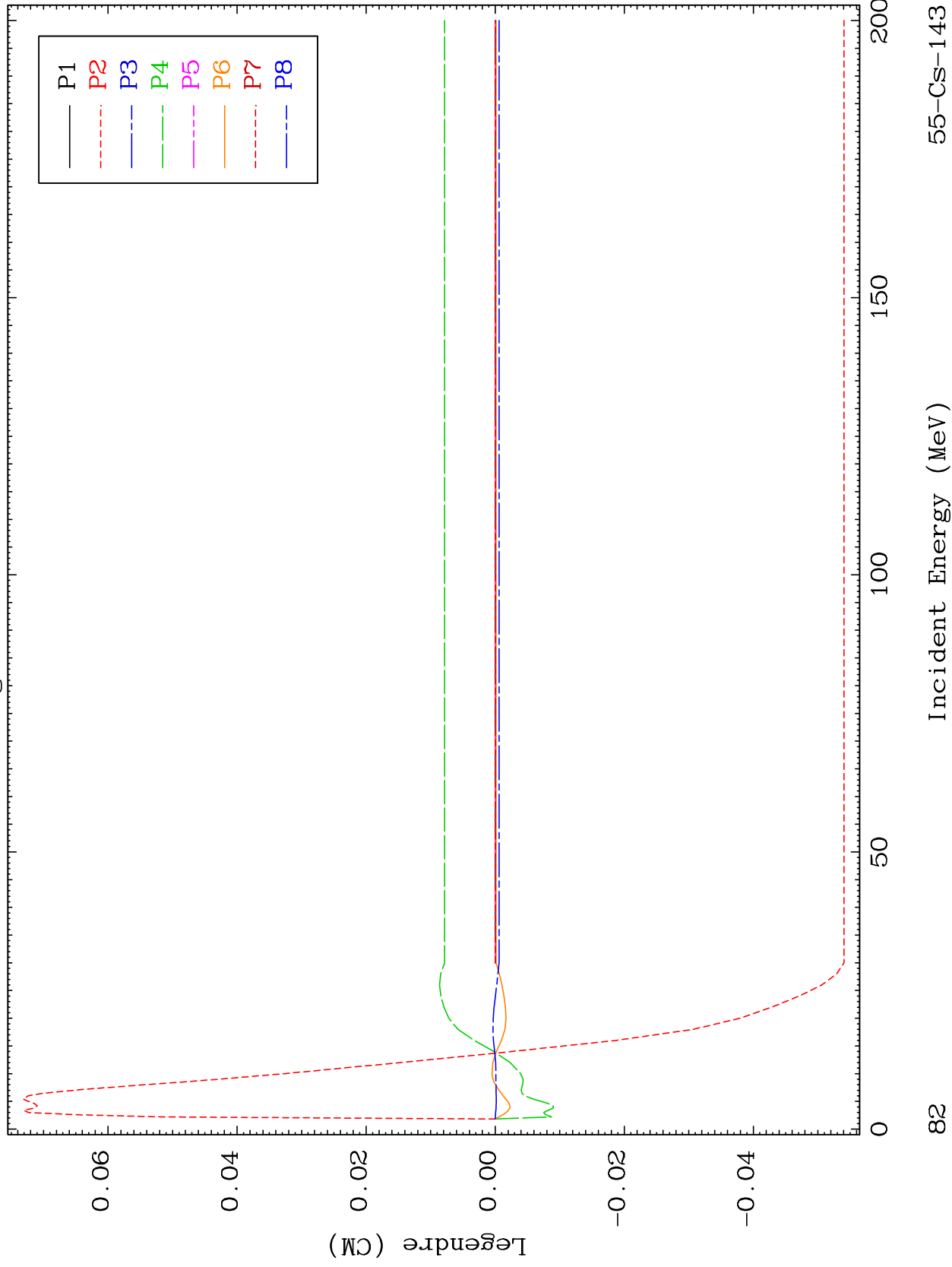
81

55-Cs-143

MAT 5555

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

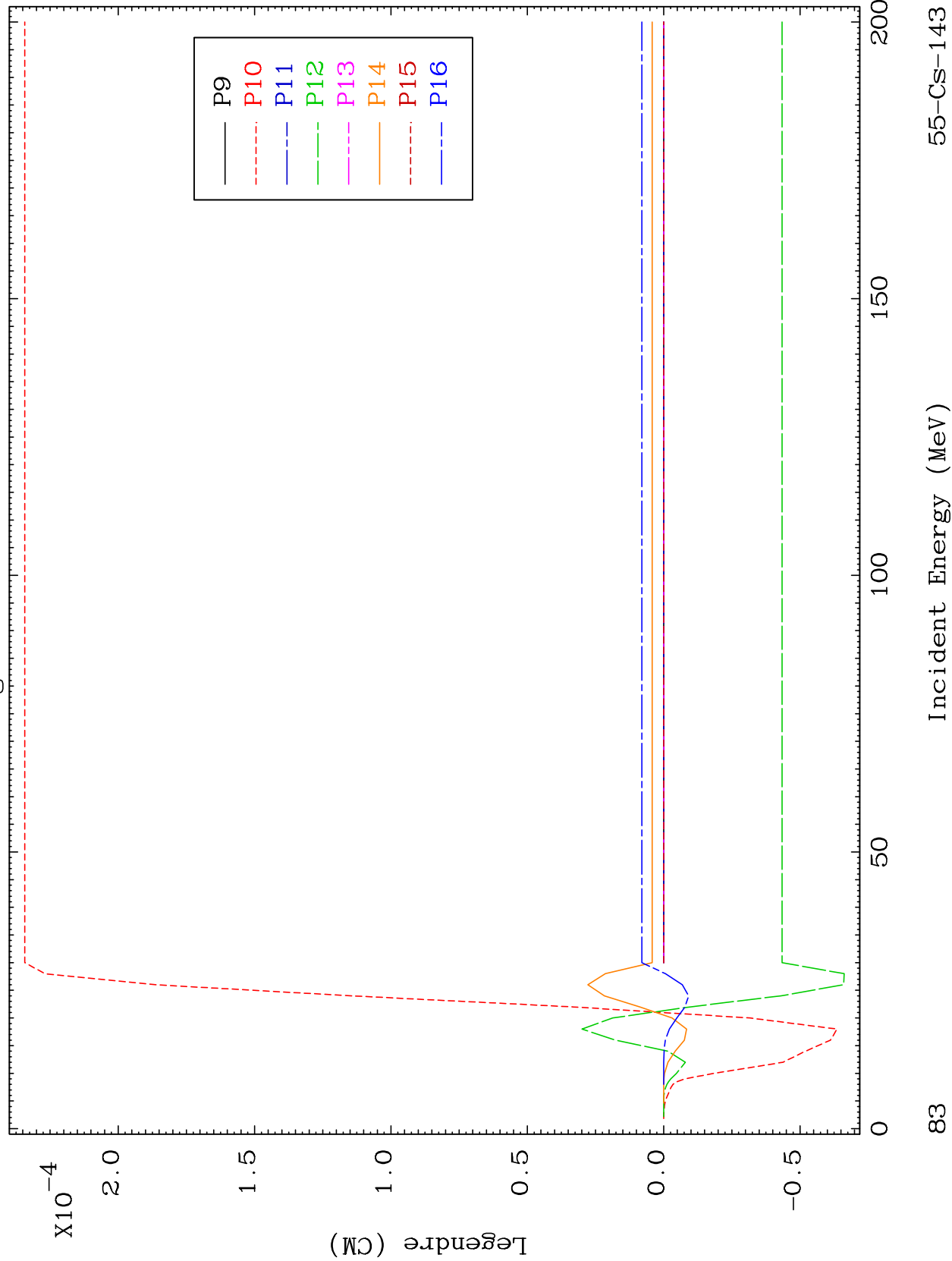
55-Cs-143



MAT 5555

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

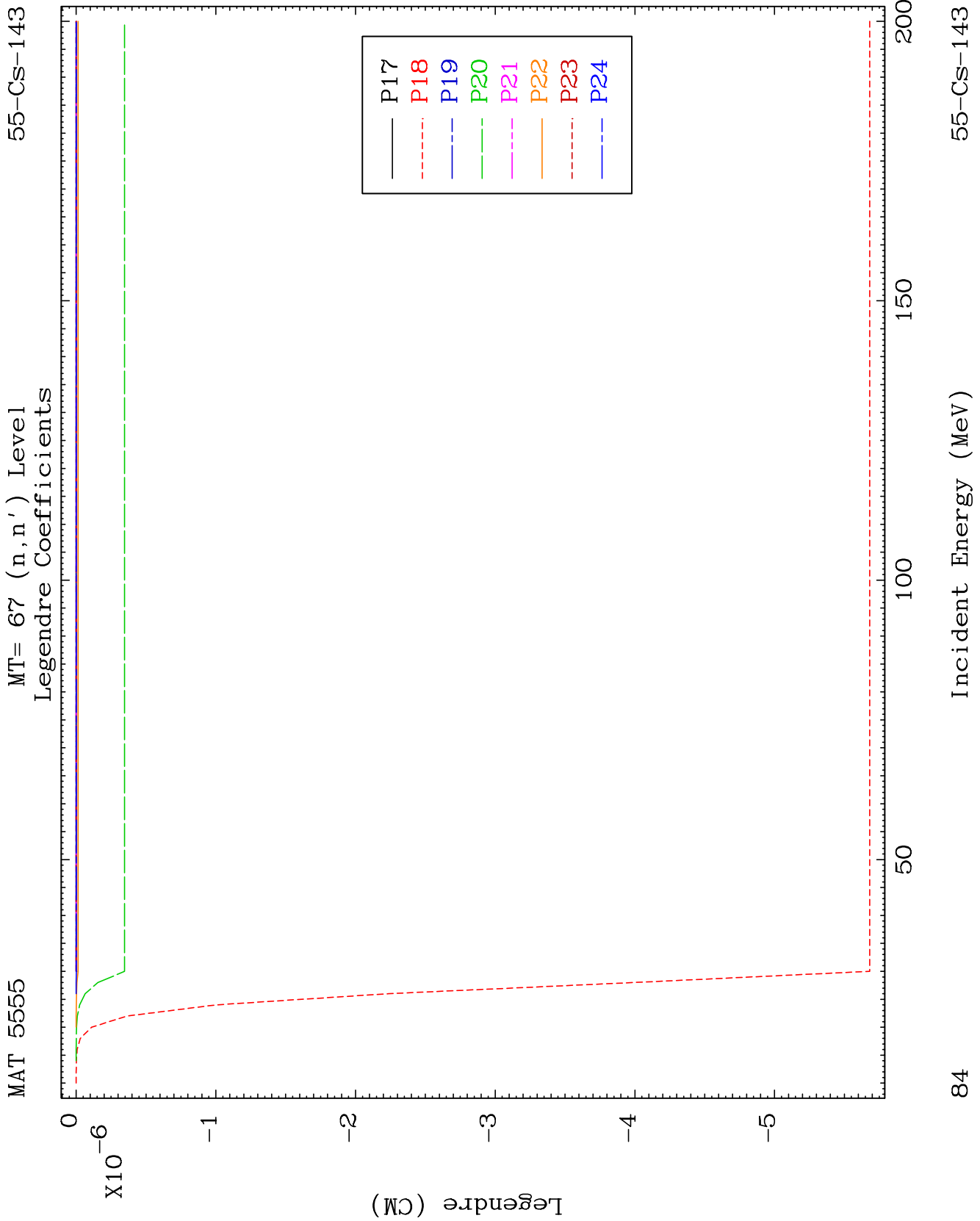
55-Cs-143



83

Incident Energy (MeV)

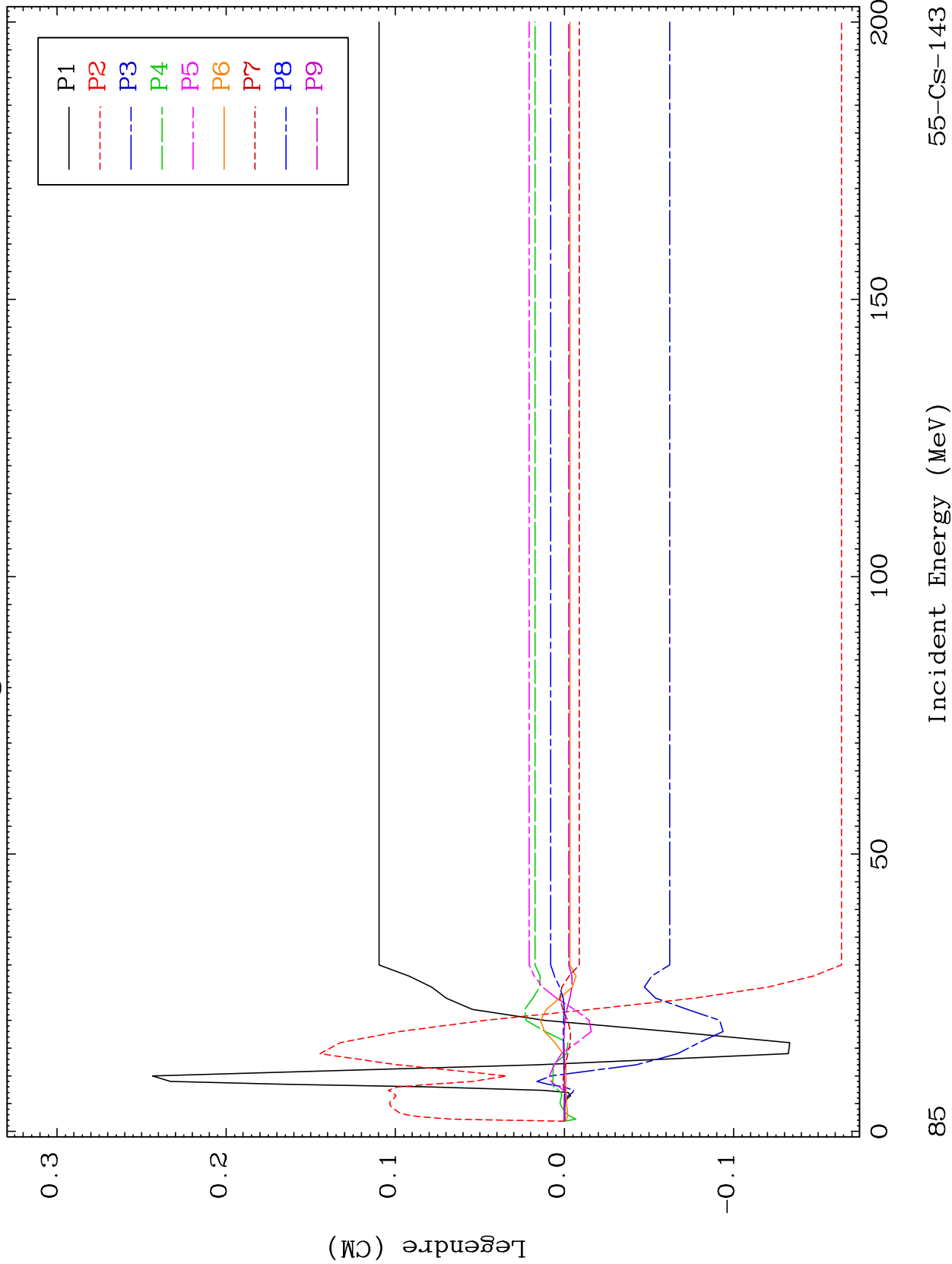
55-Cs-143



MAT 5555

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

55-Cs-143



55-Cs-143

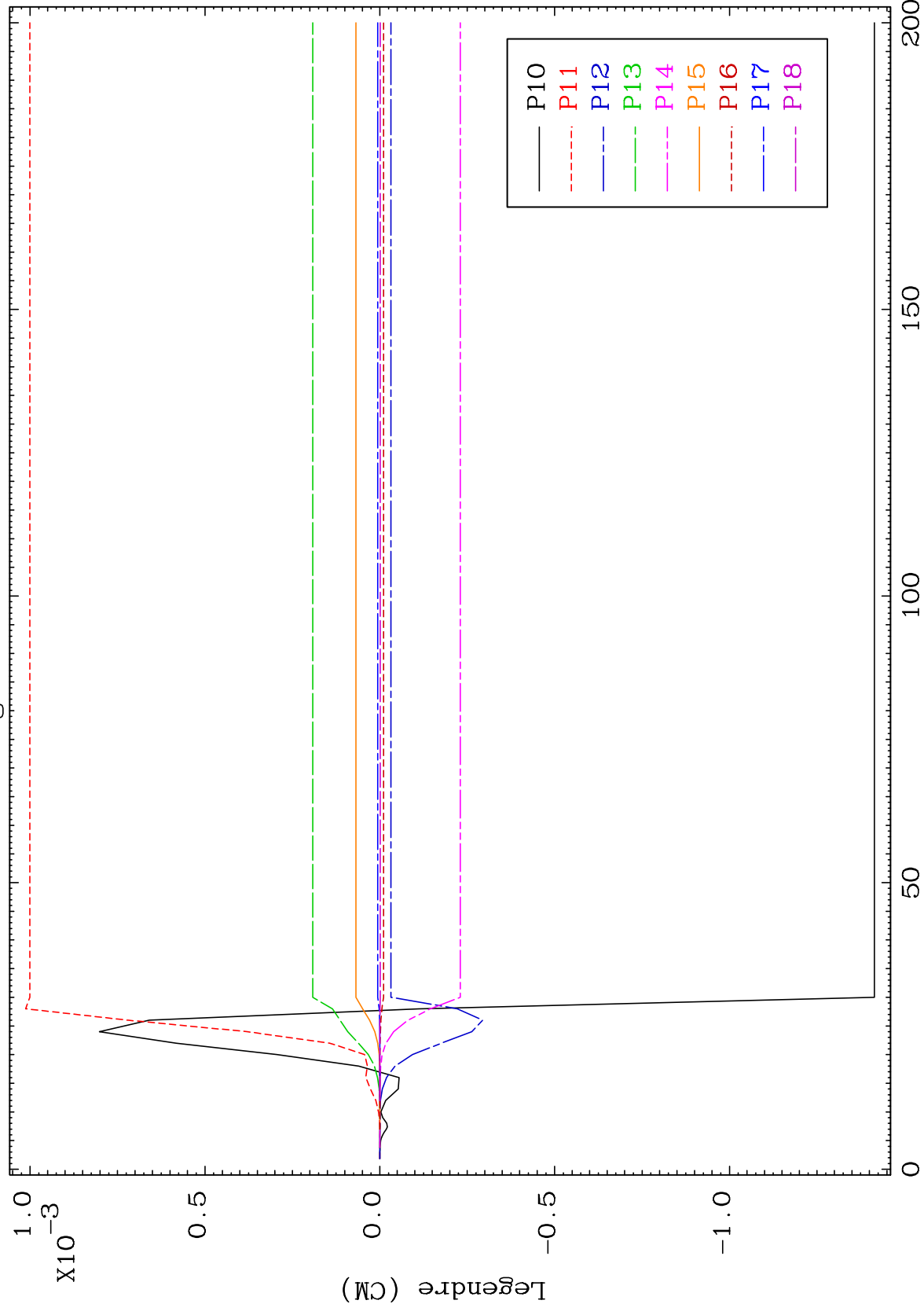
Incident Energy (MeV)

85

MAT 5555

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

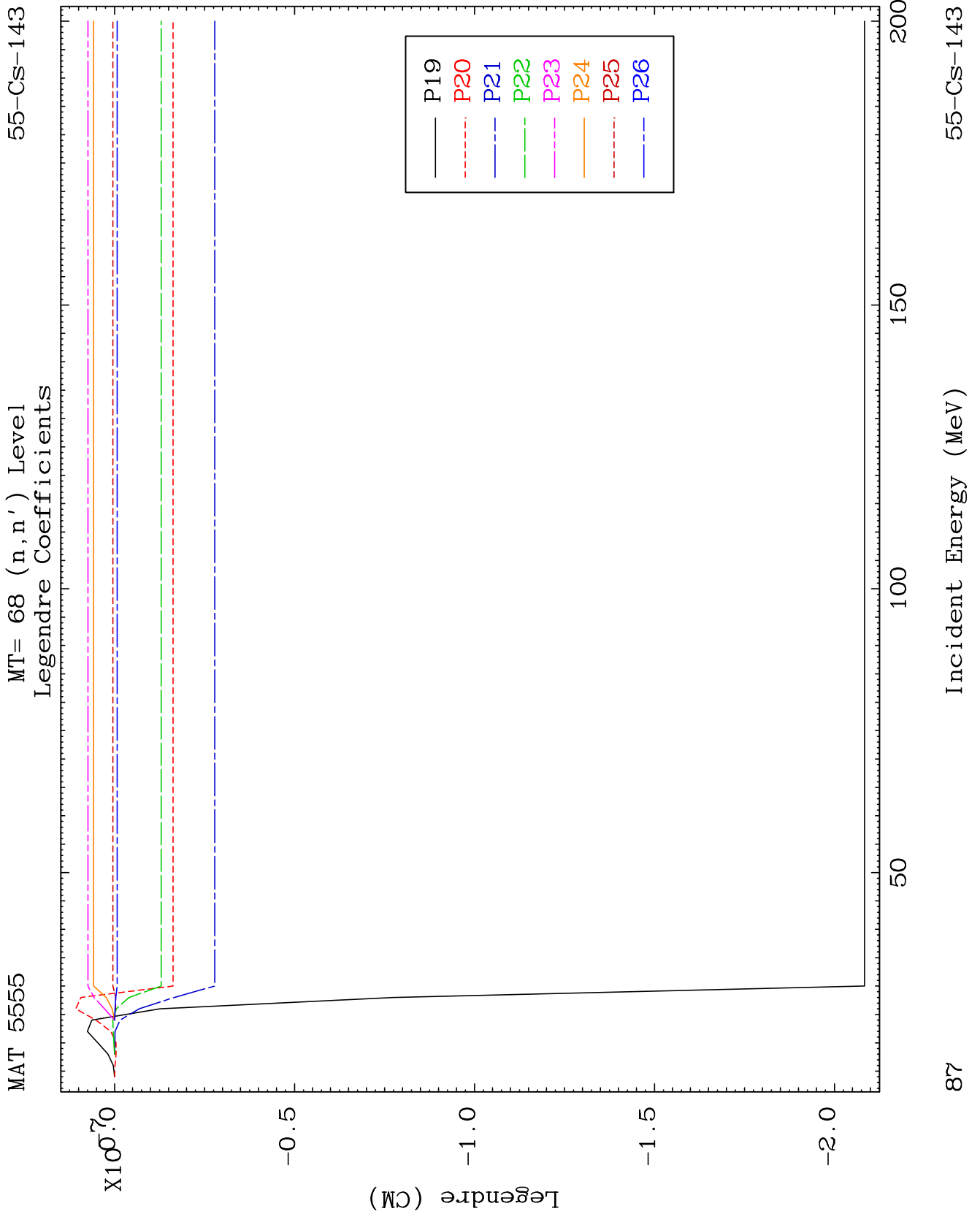
55-Cs-143



86

Incident Energy (MeV)

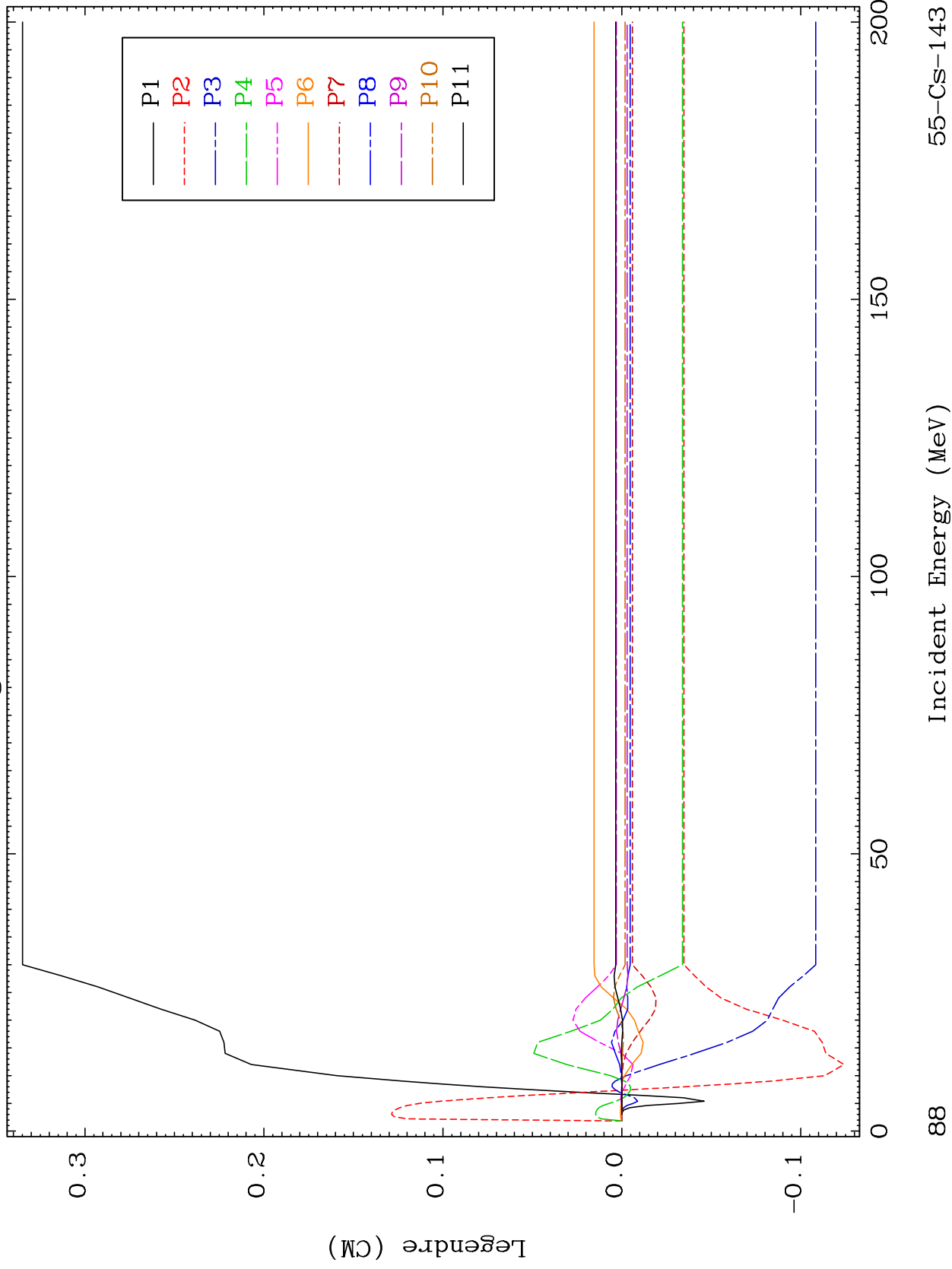
55-Cs-143



MAT 5555

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

55-Cs-143



55-Cs-143

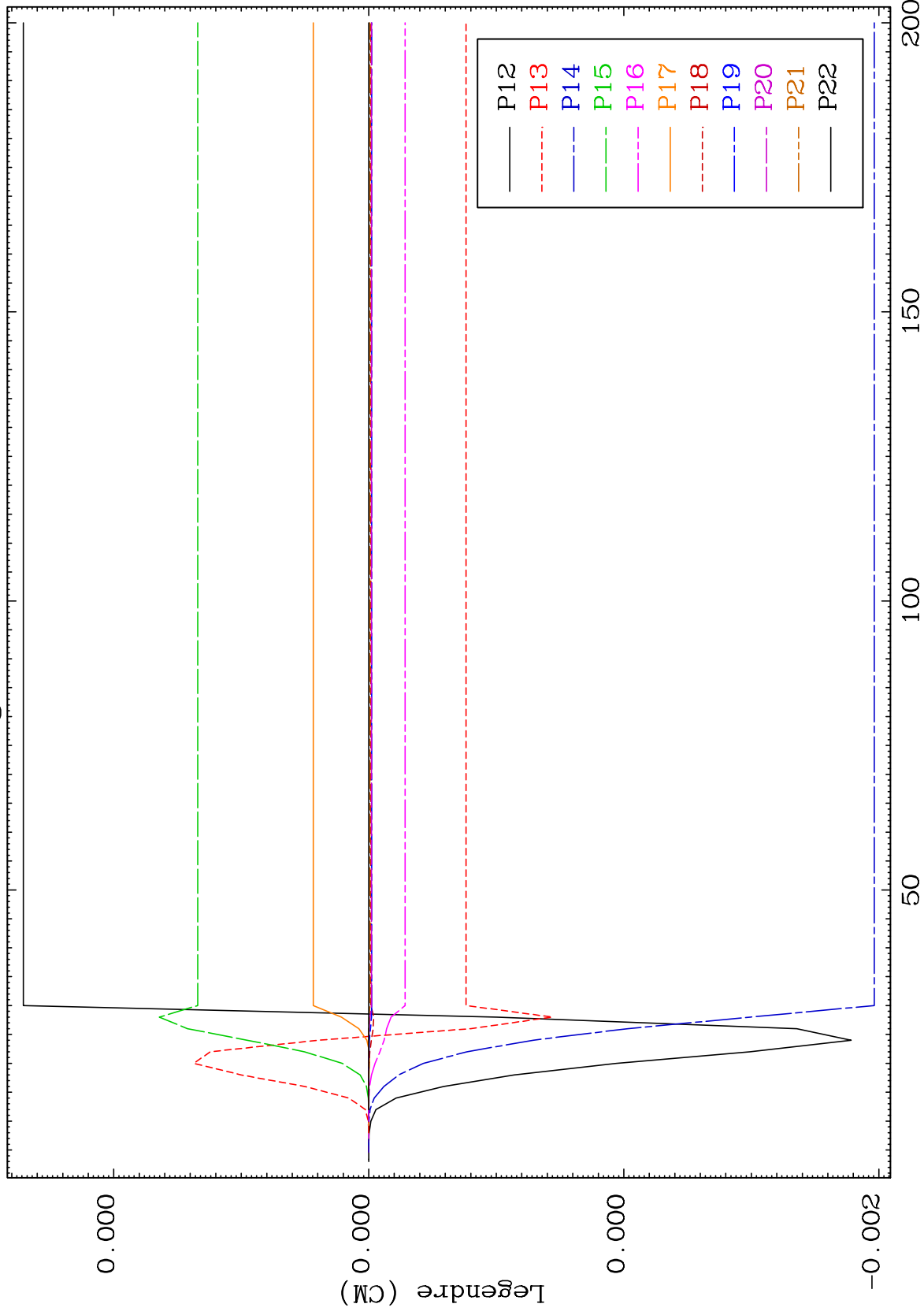
Incident Energy (MeV)

88

MAT 5555

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

55-Cs-143



89

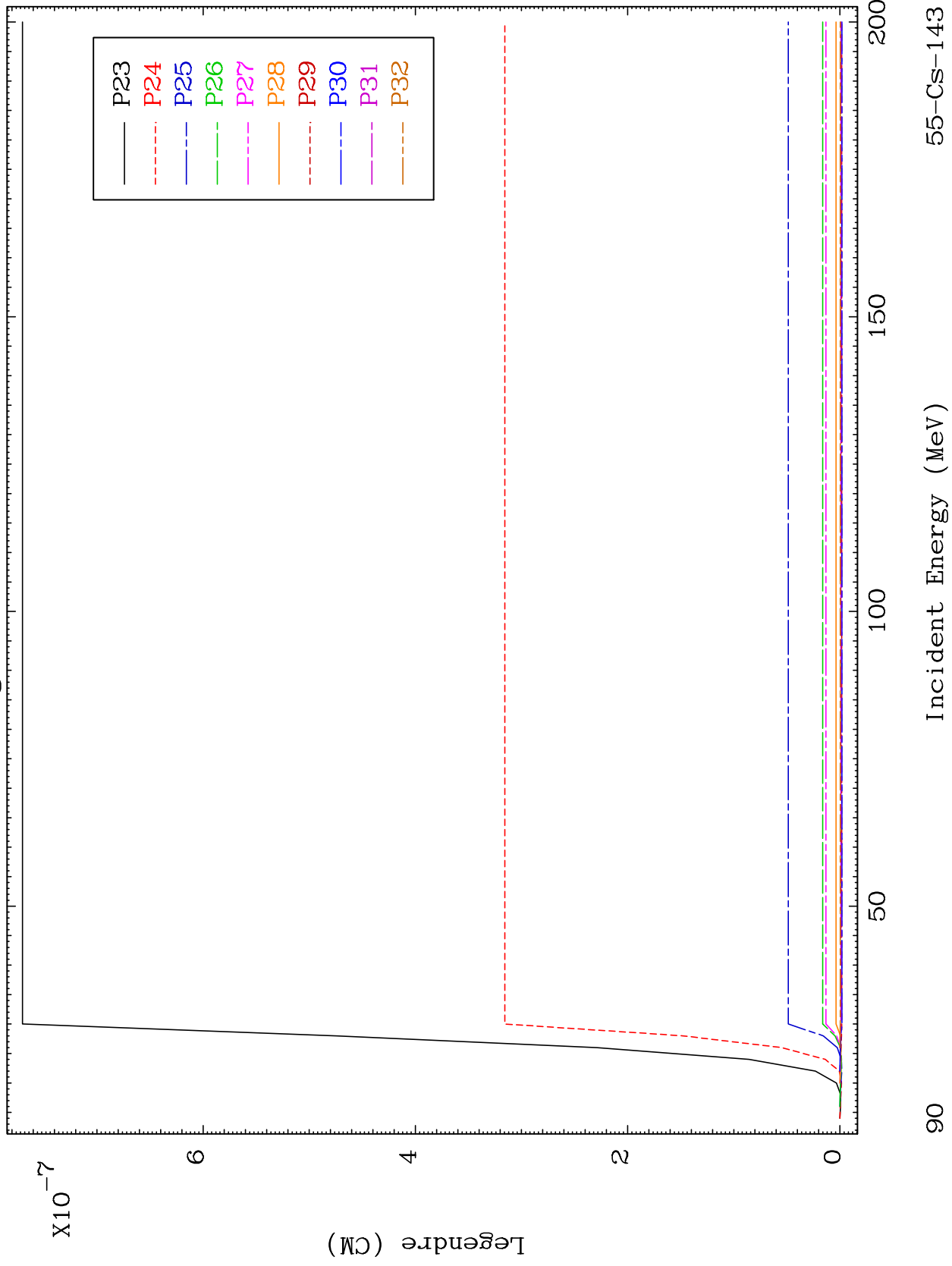
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

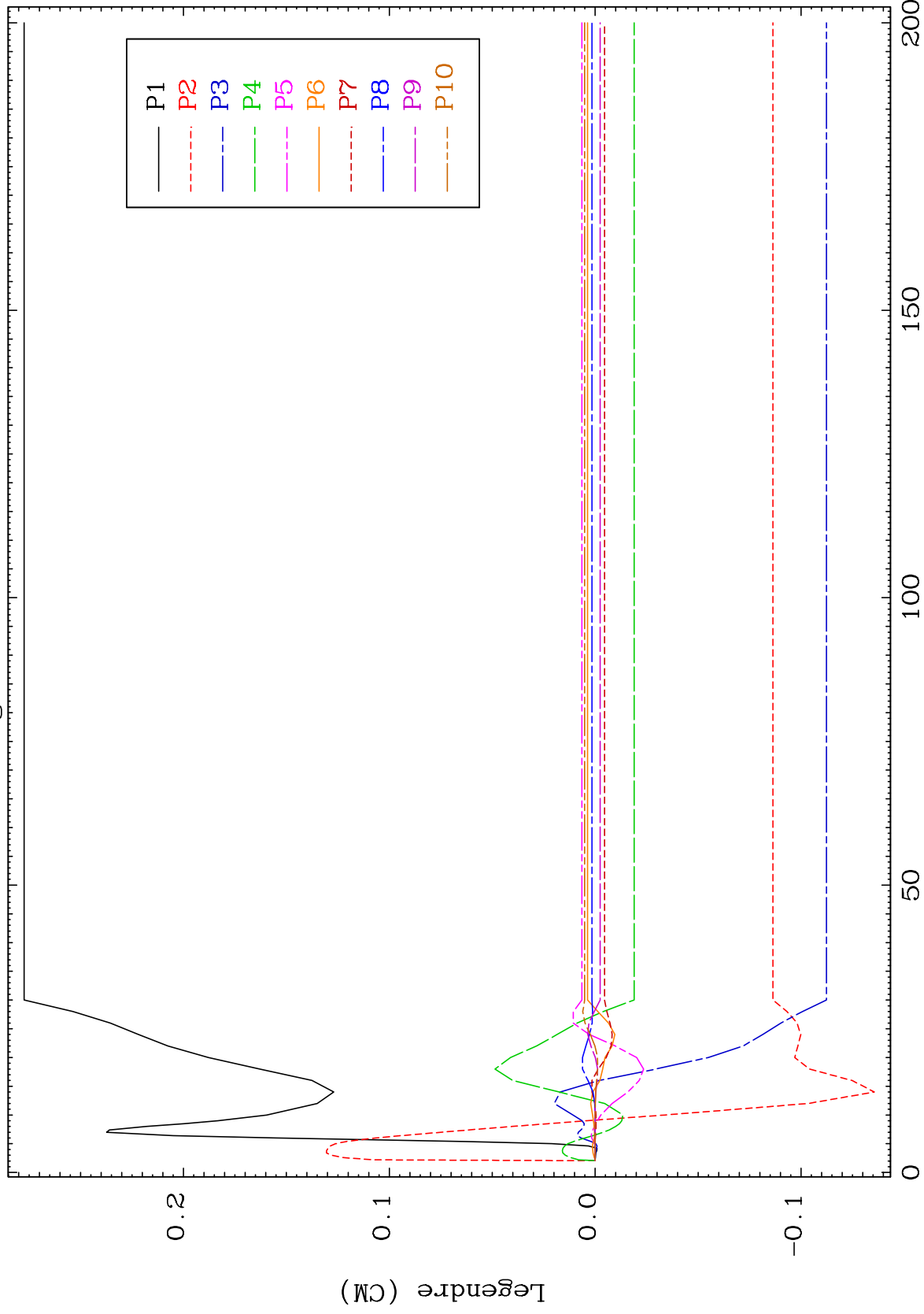
55-Cs-143



MAT 5555

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

55-Cs-143



91

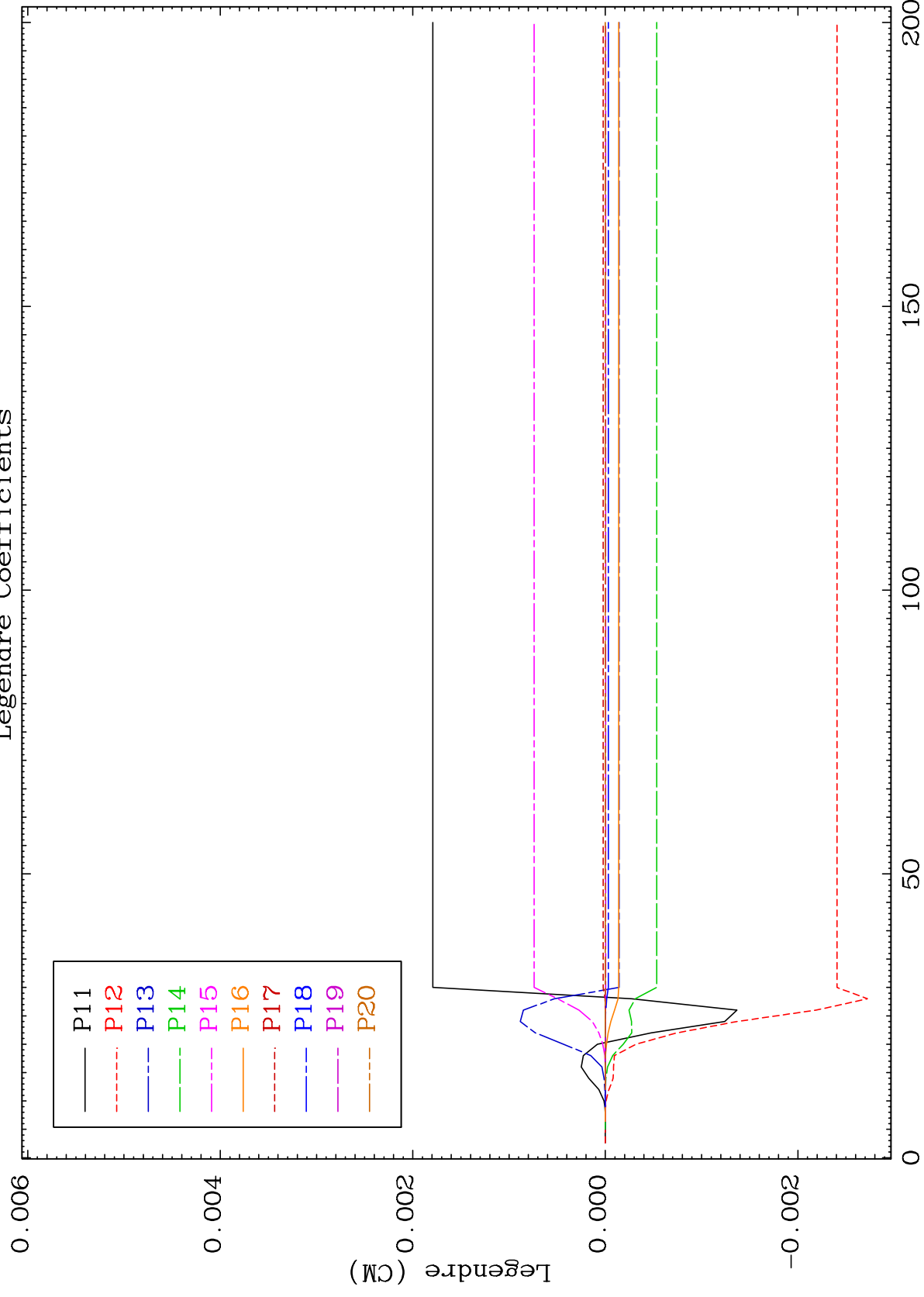
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



92

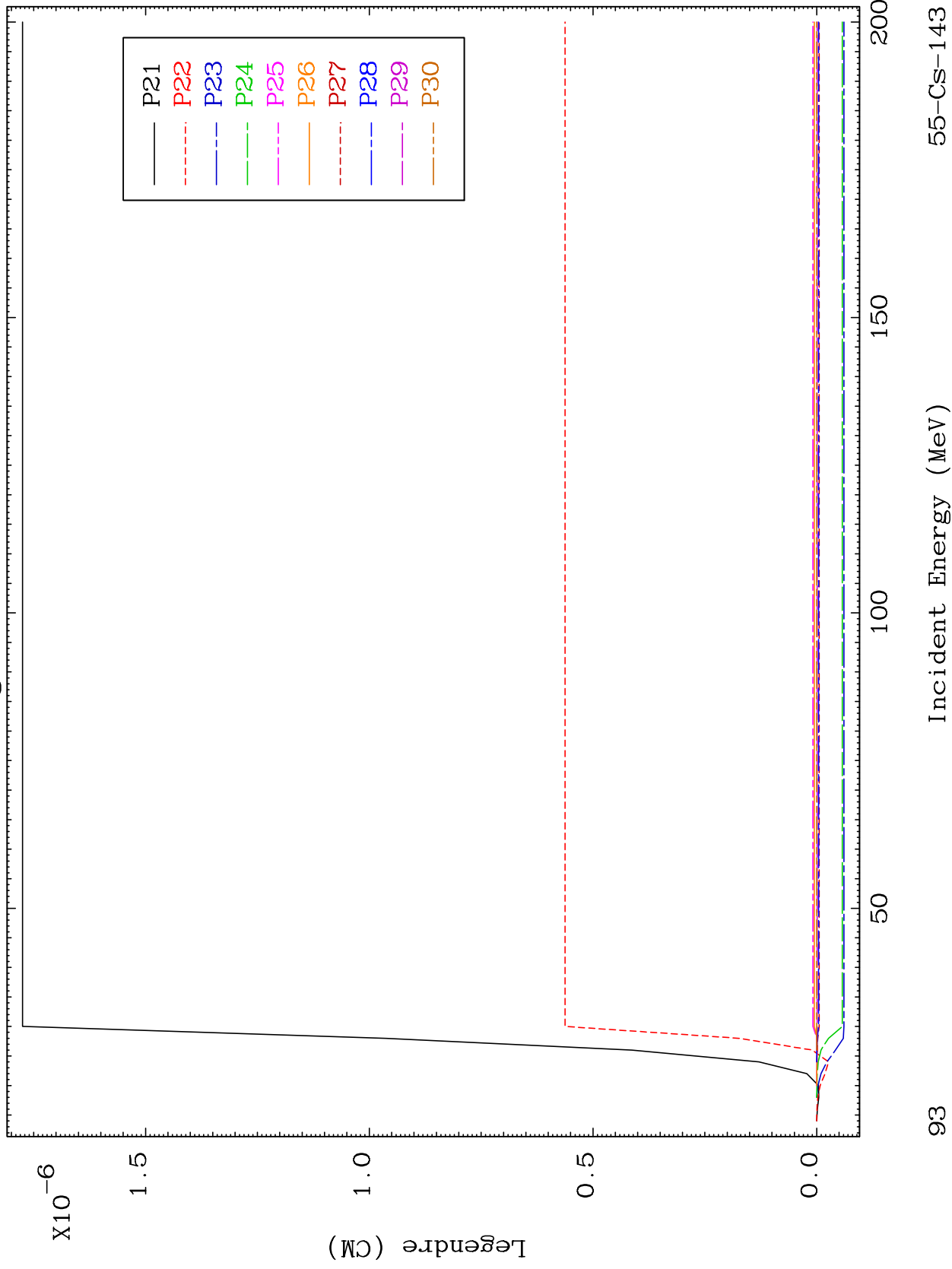
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

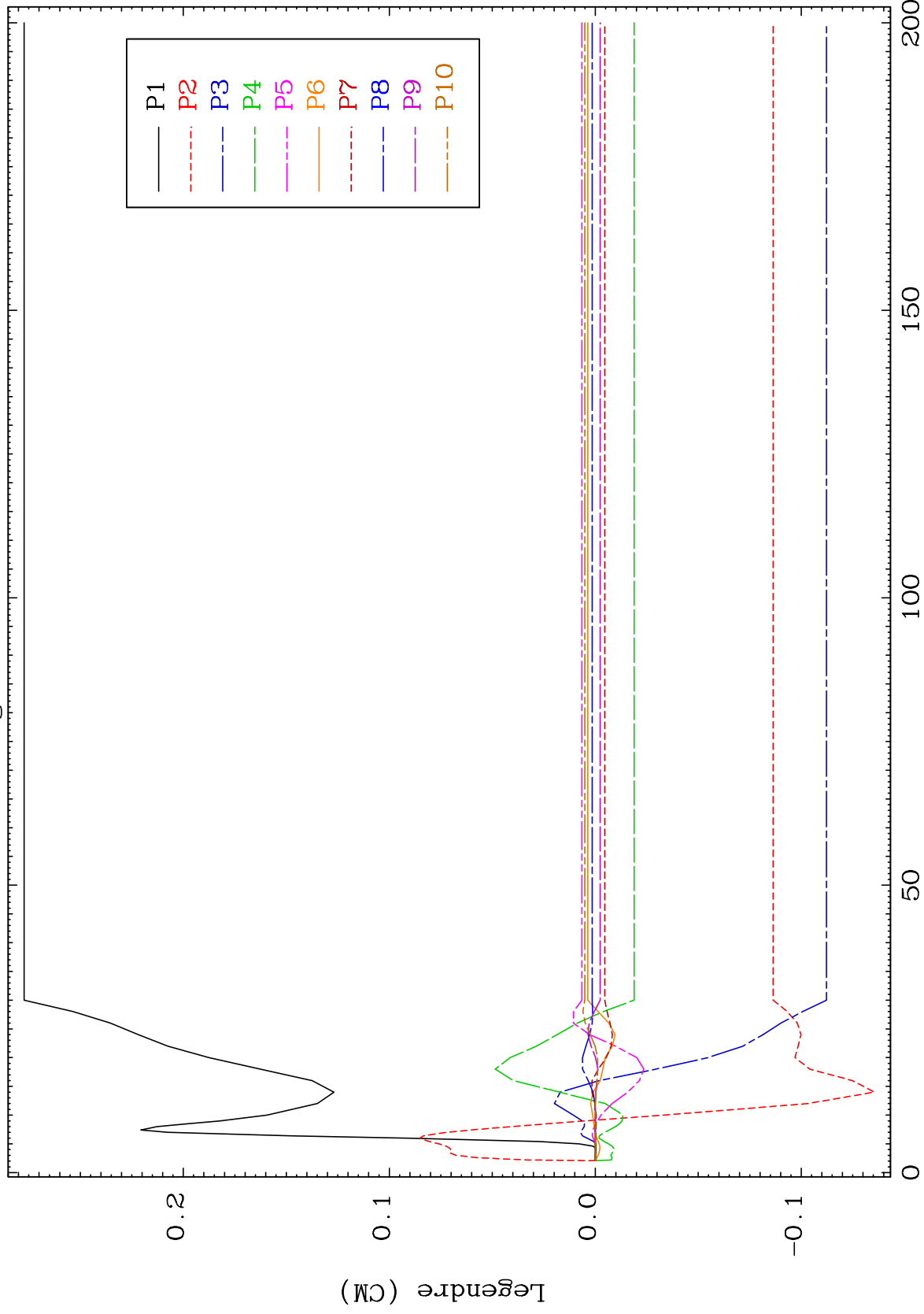
55-Cs-143



MAT 5555

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

55-Cs-143



94

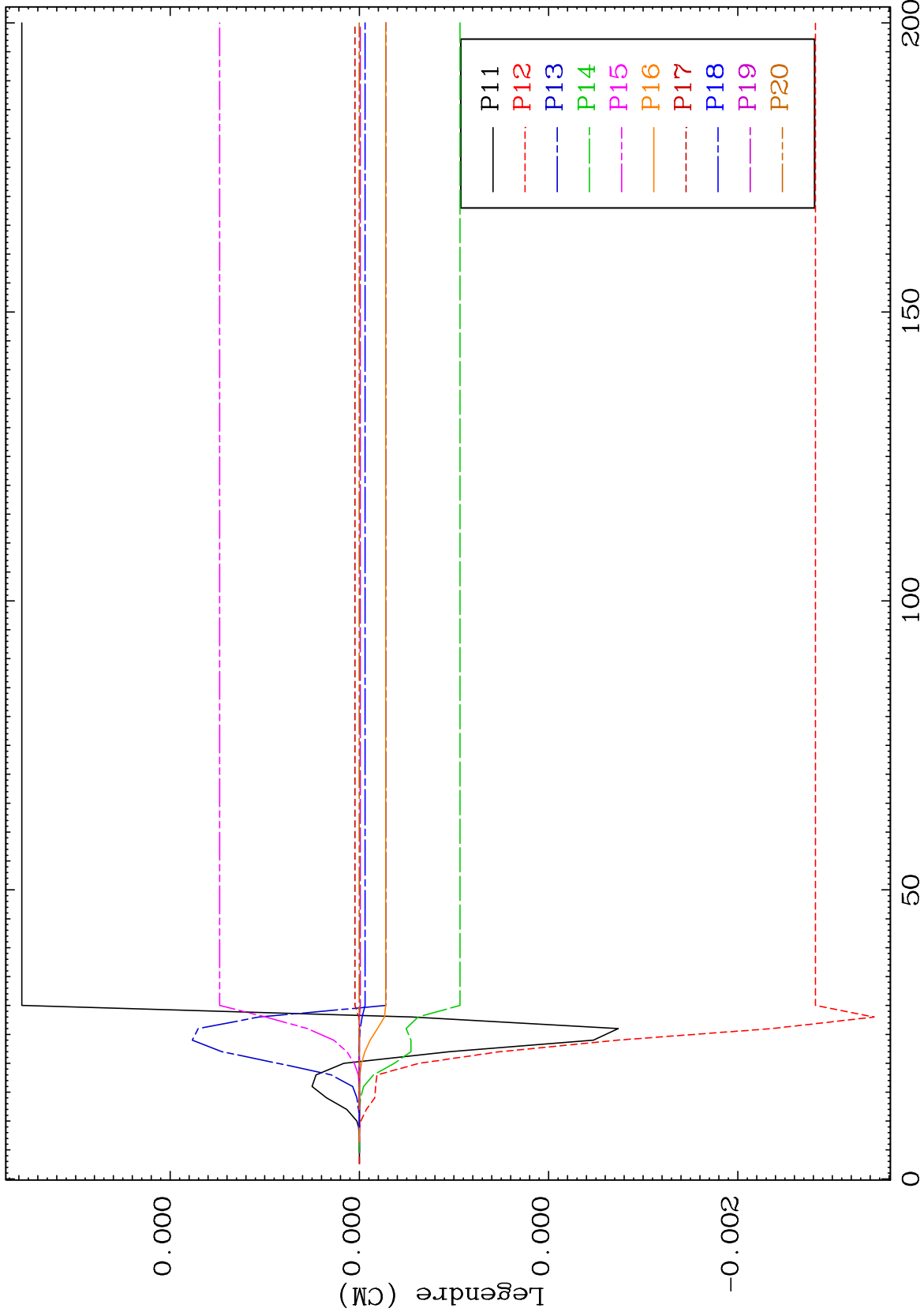
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



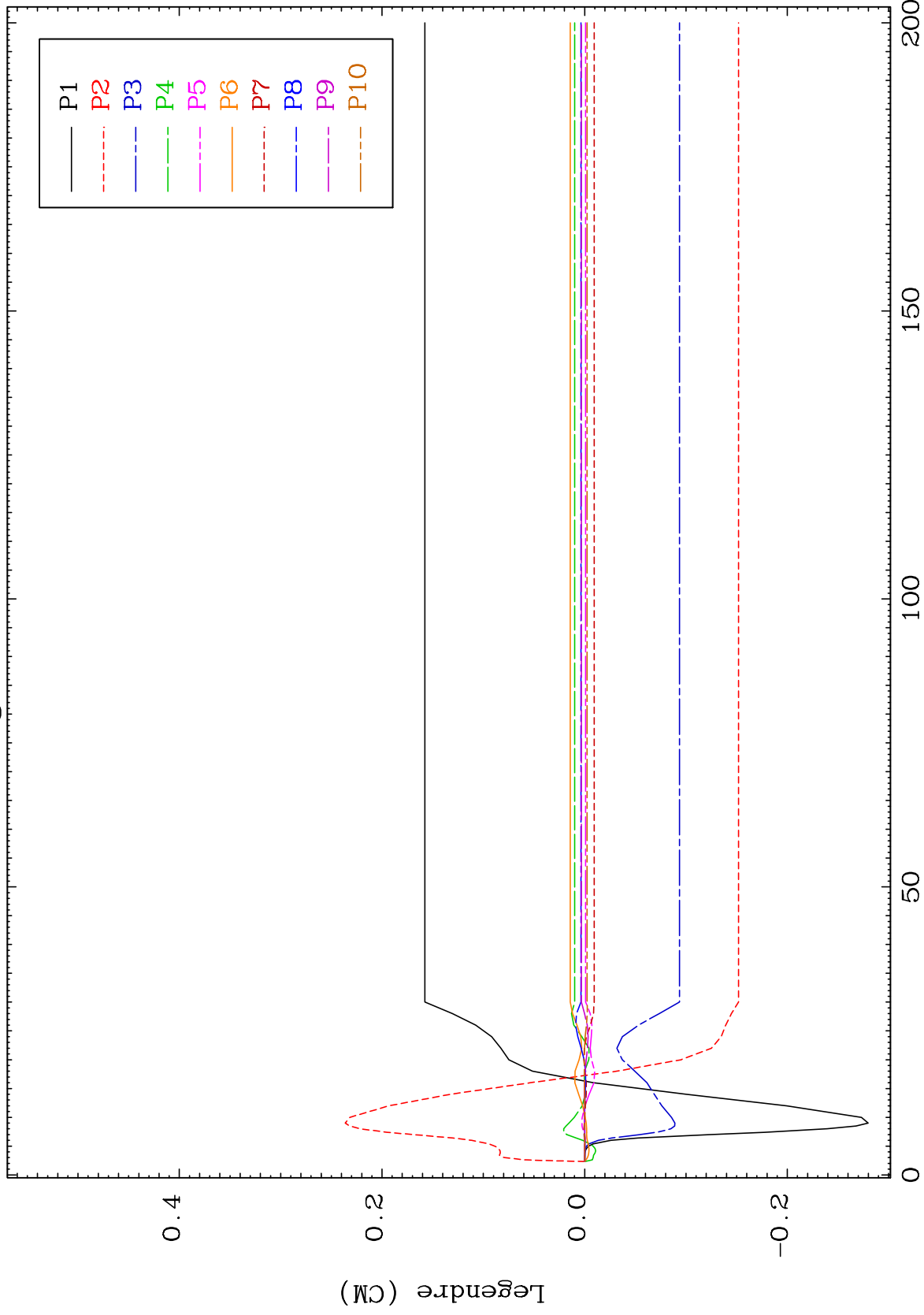
95

55-Cs-143

MAT 5555

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

55-Cs-143



97

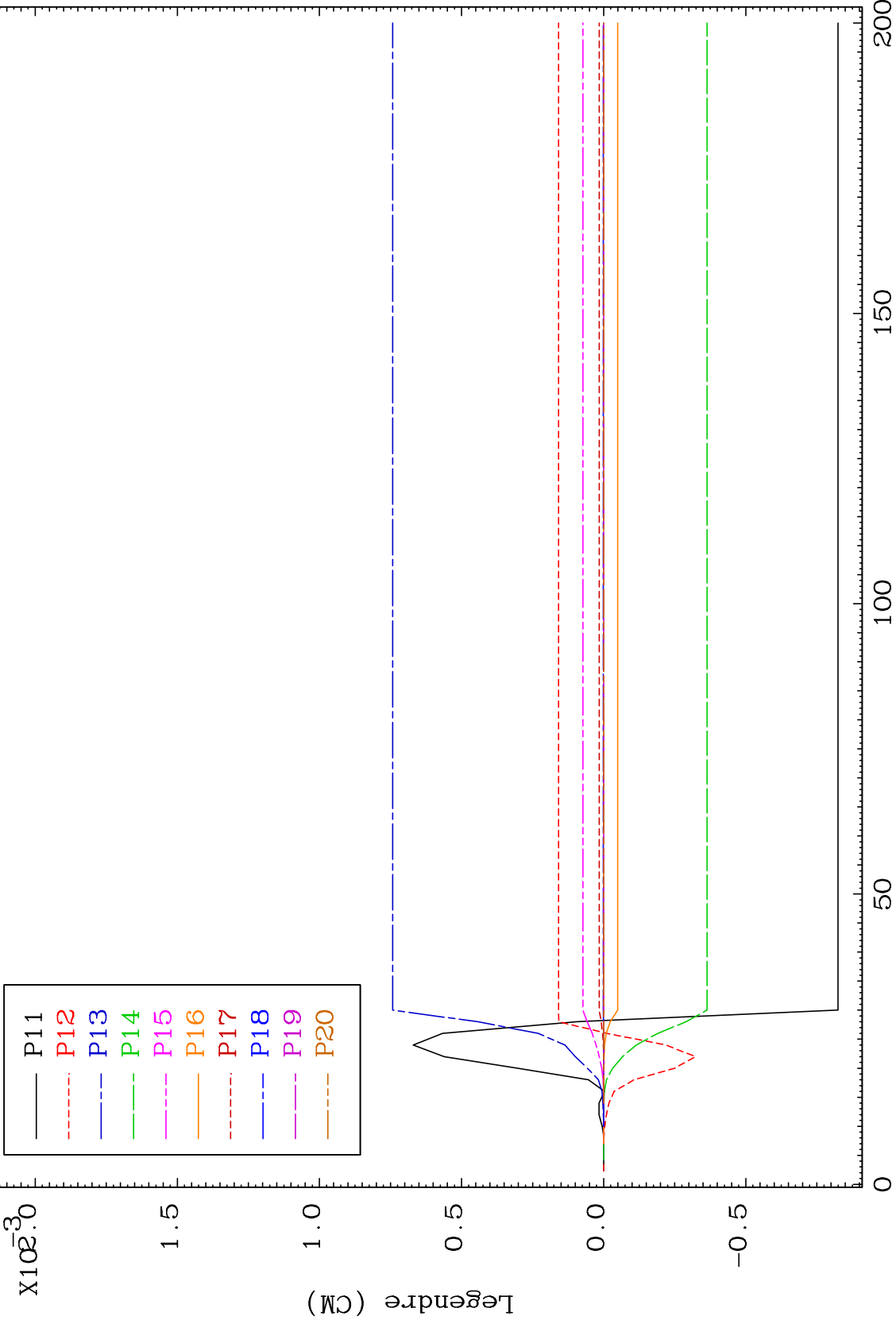
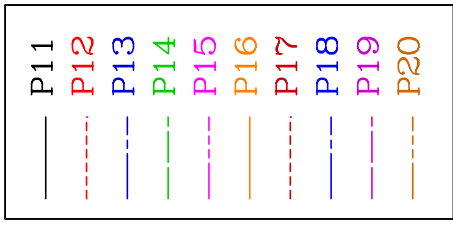
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



98

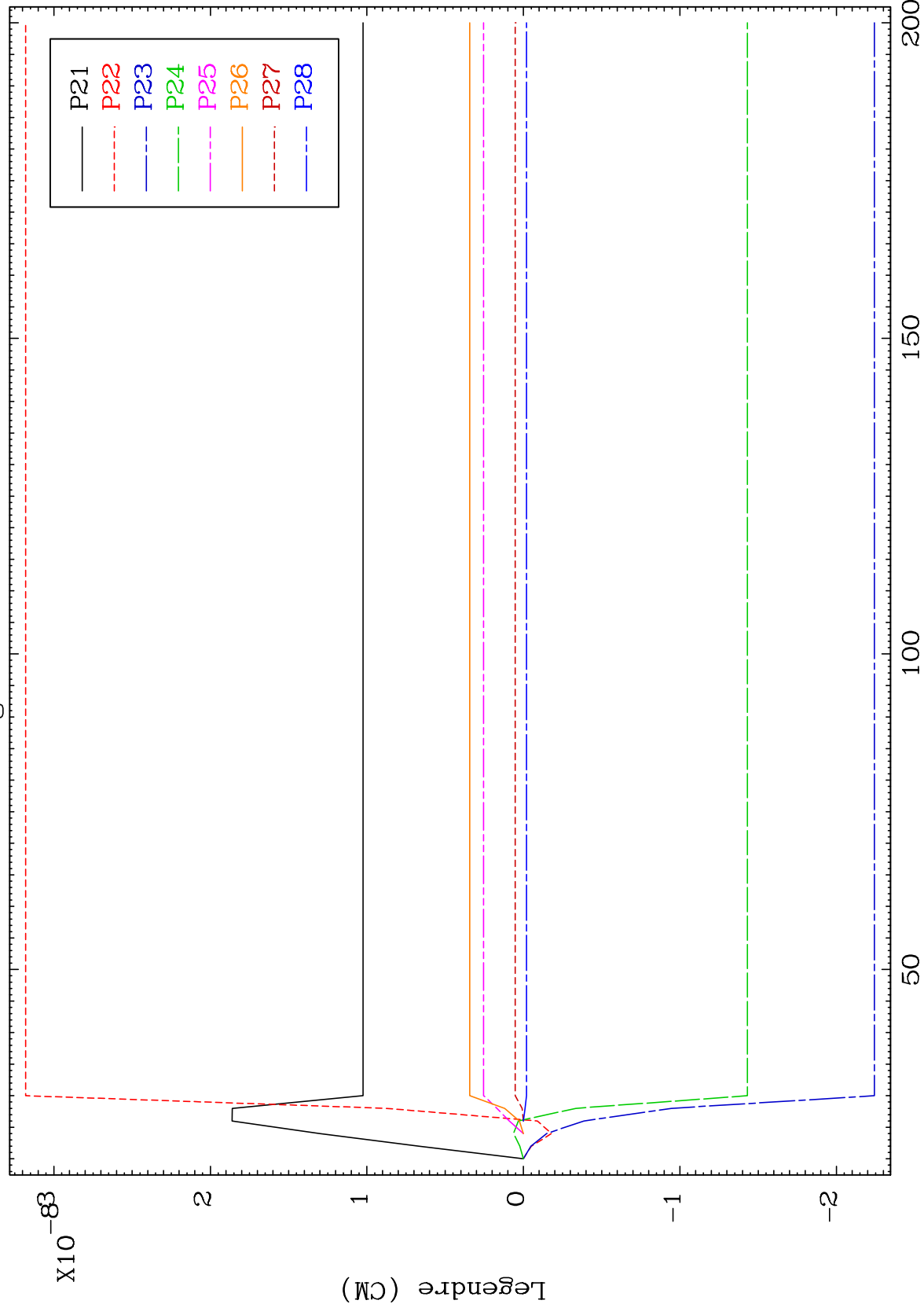
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



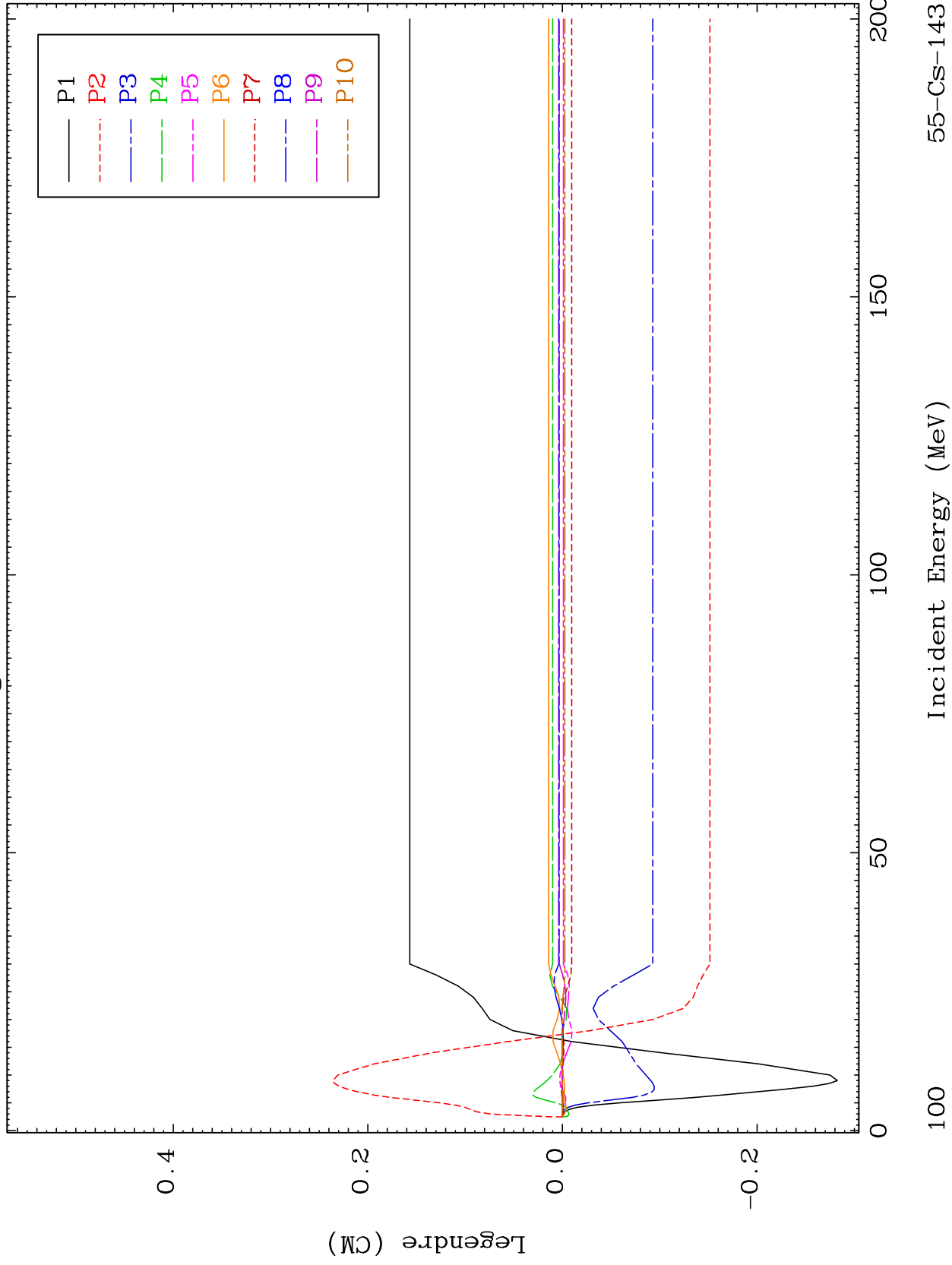
99

55-Cs-143

MAT 5555

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

55-Cs-143

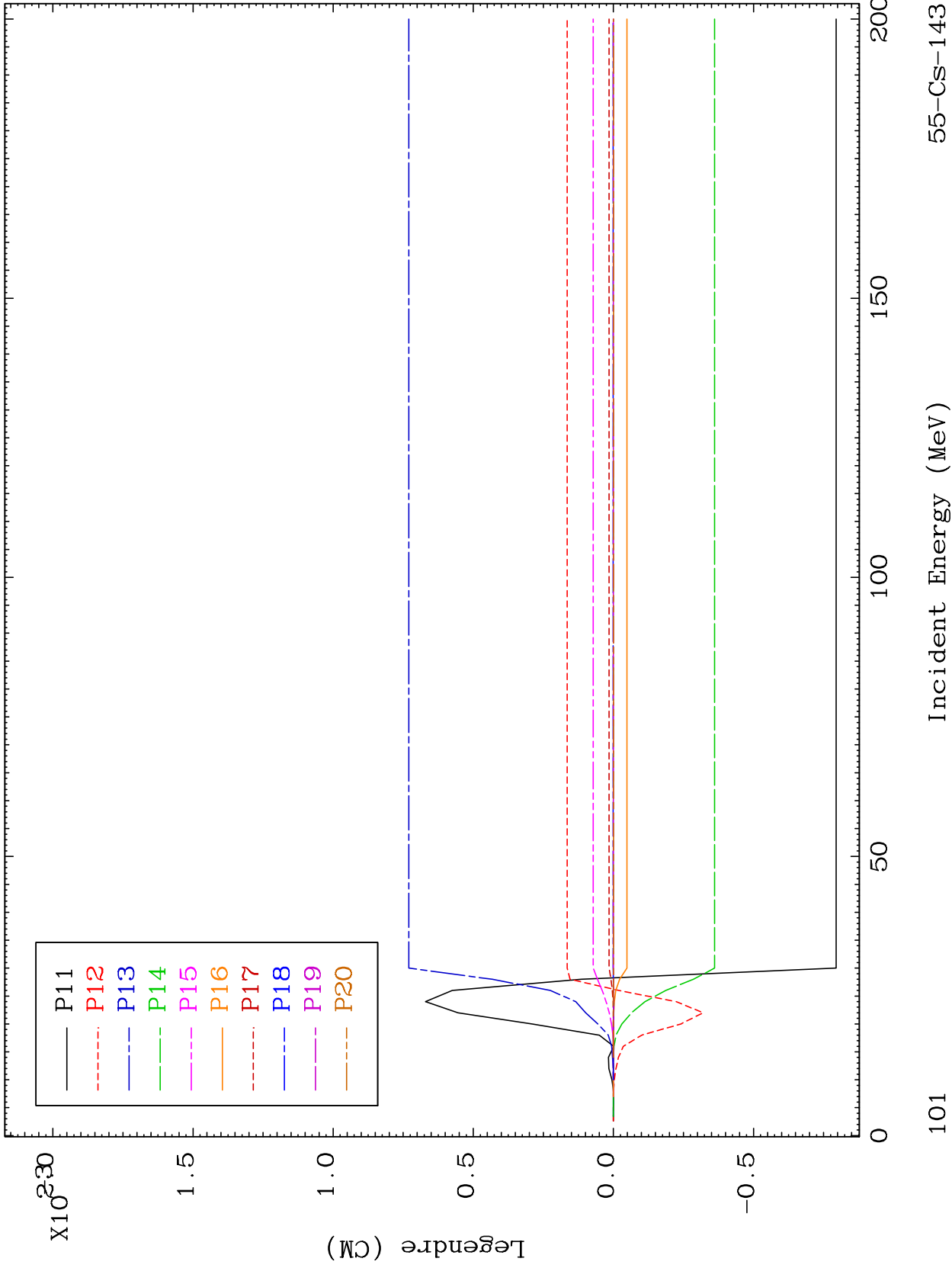


55-Cs-143

MAT 5555

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

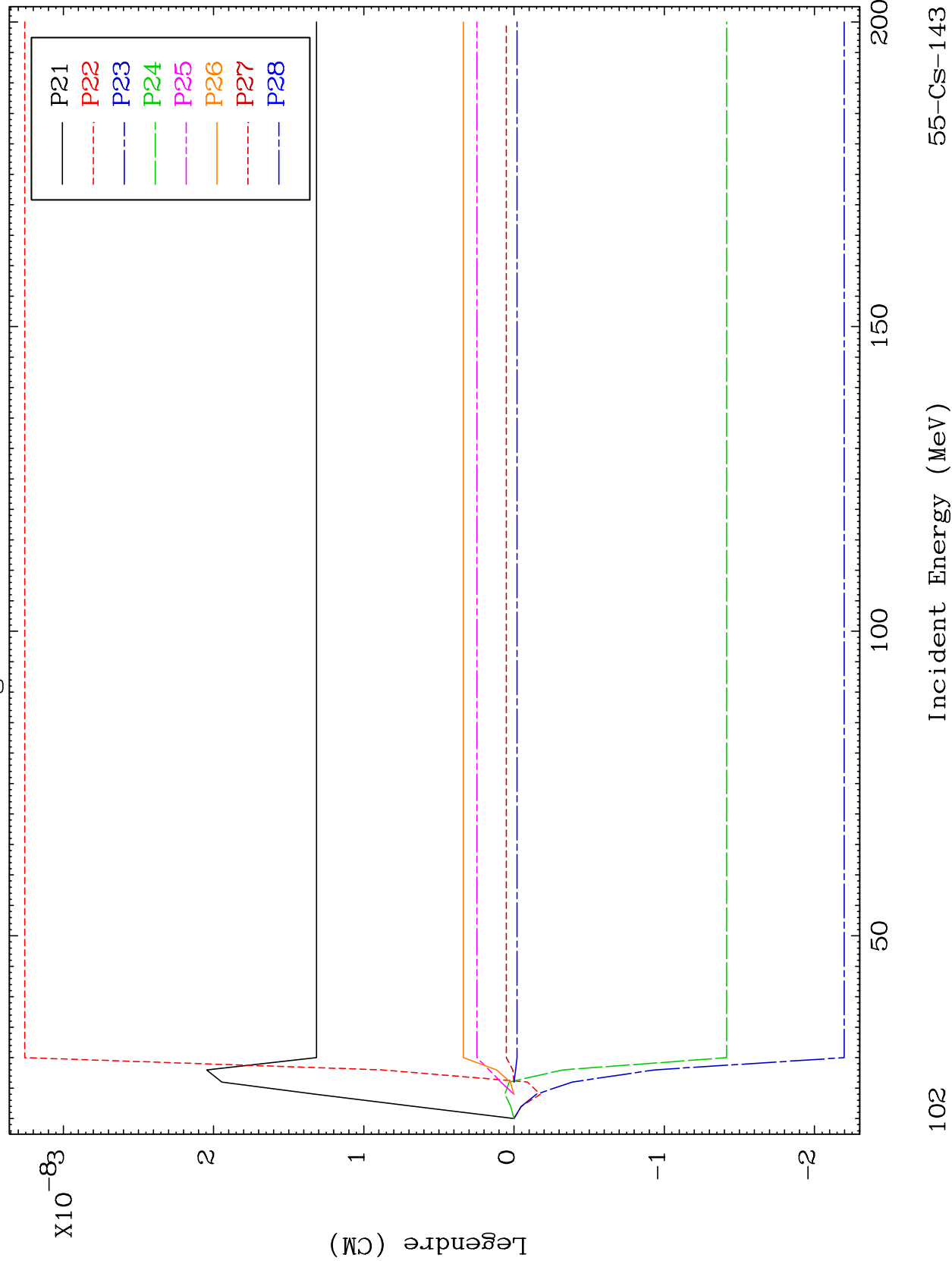
55-Cs-143



MAT 5555

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

55-Cs-143



102

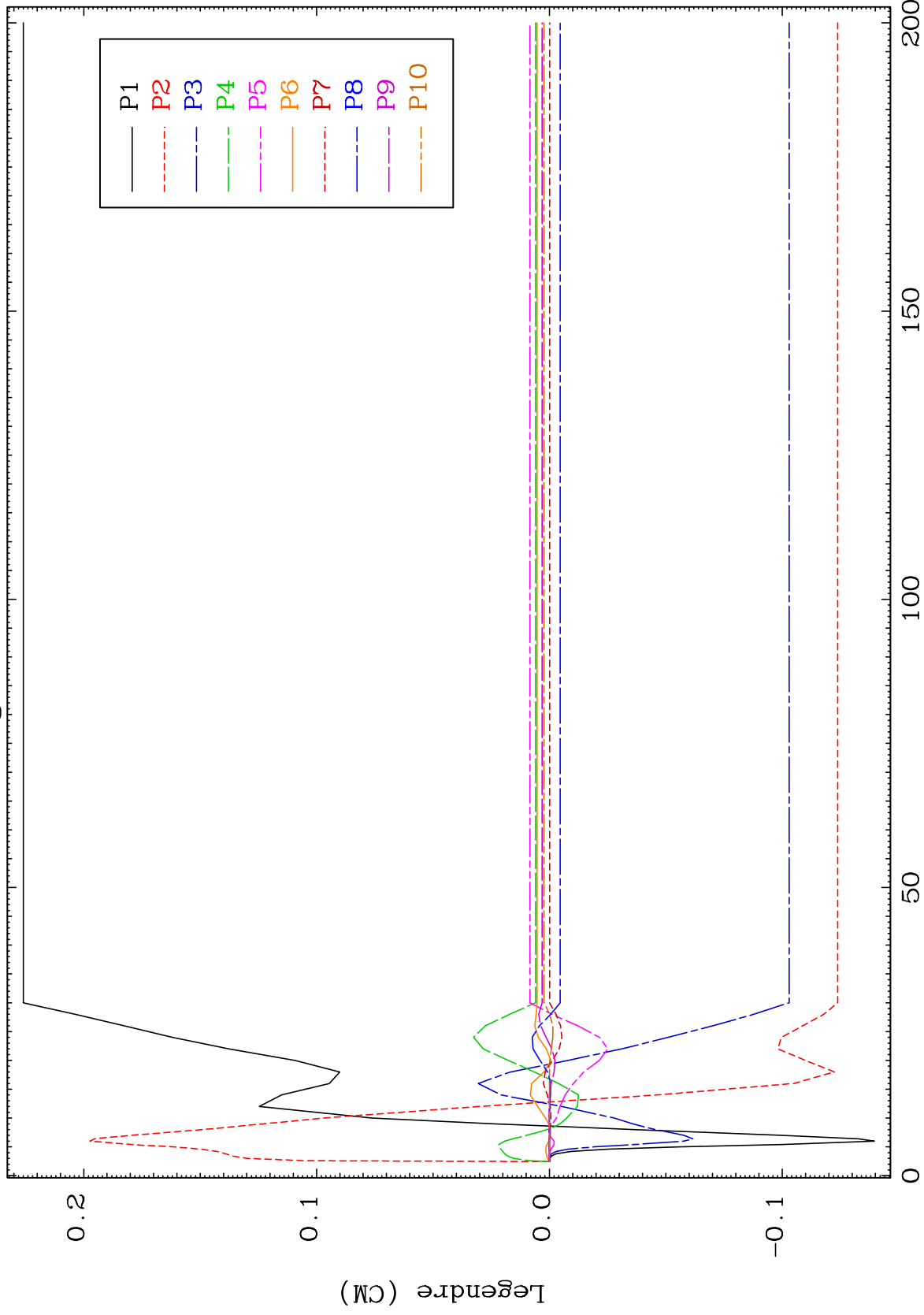
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



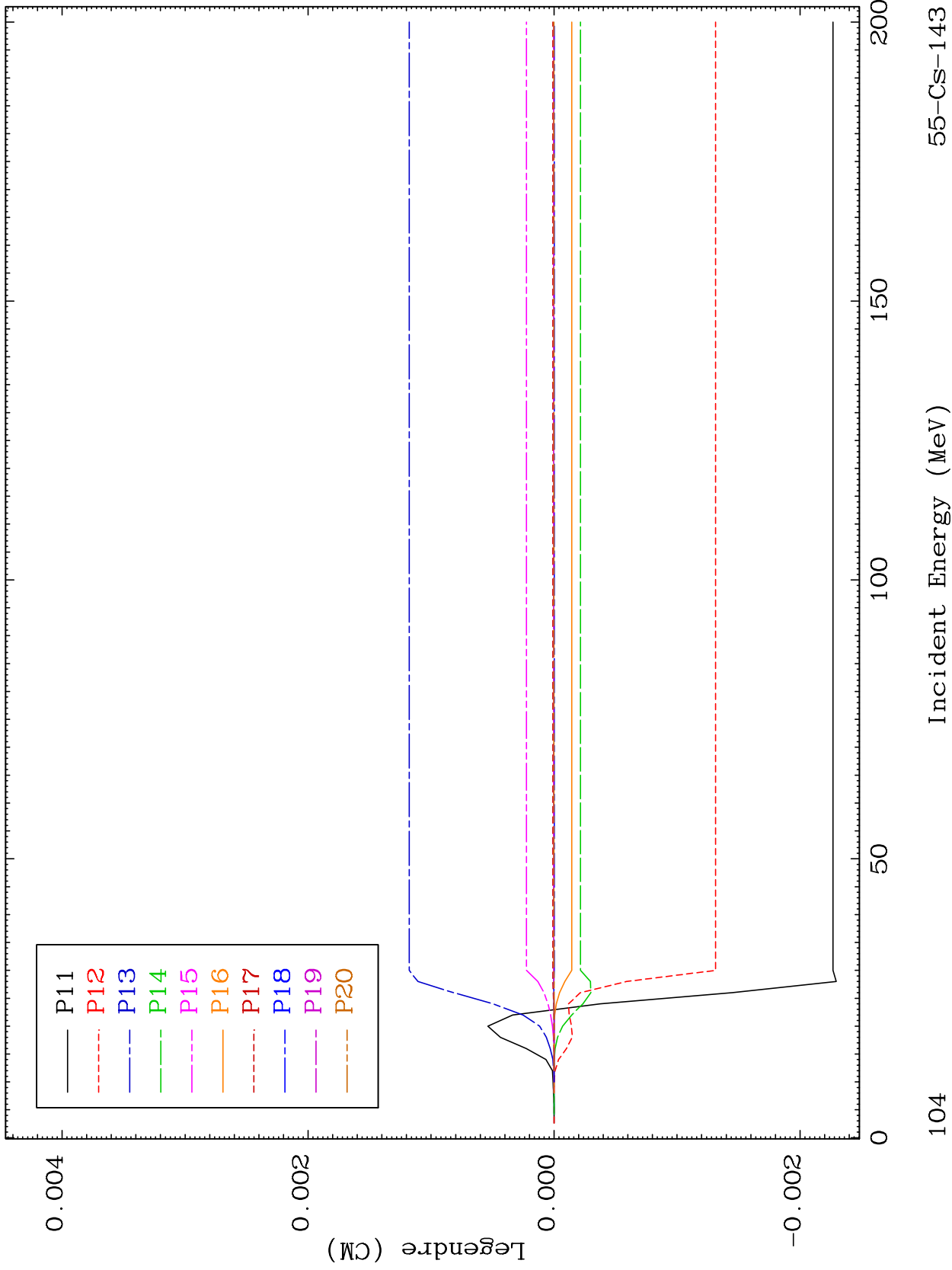
103

55-Cs-143

MAT 5555

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

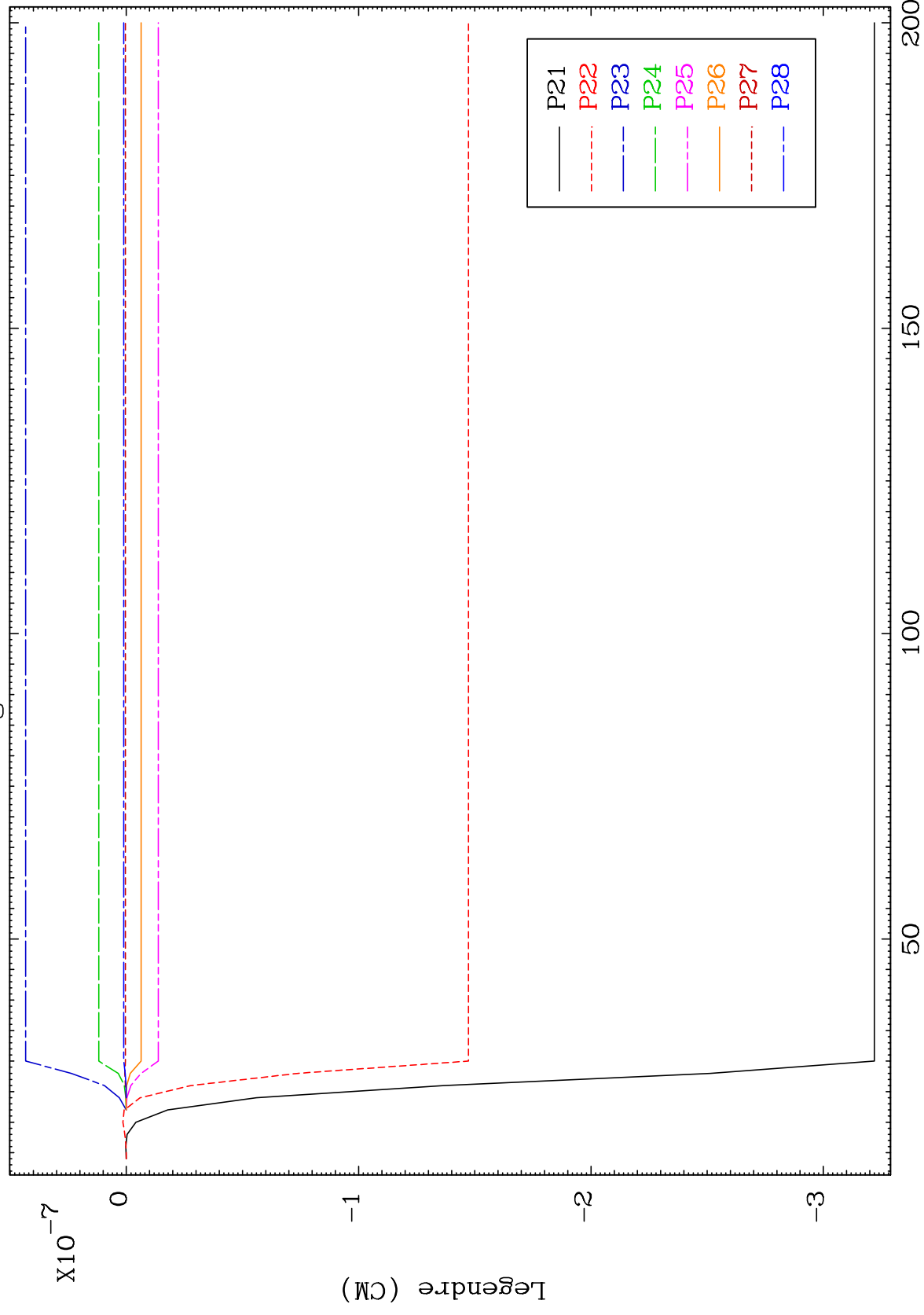
55-Cs-143



MAT 5555

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

55-Cs-143



105

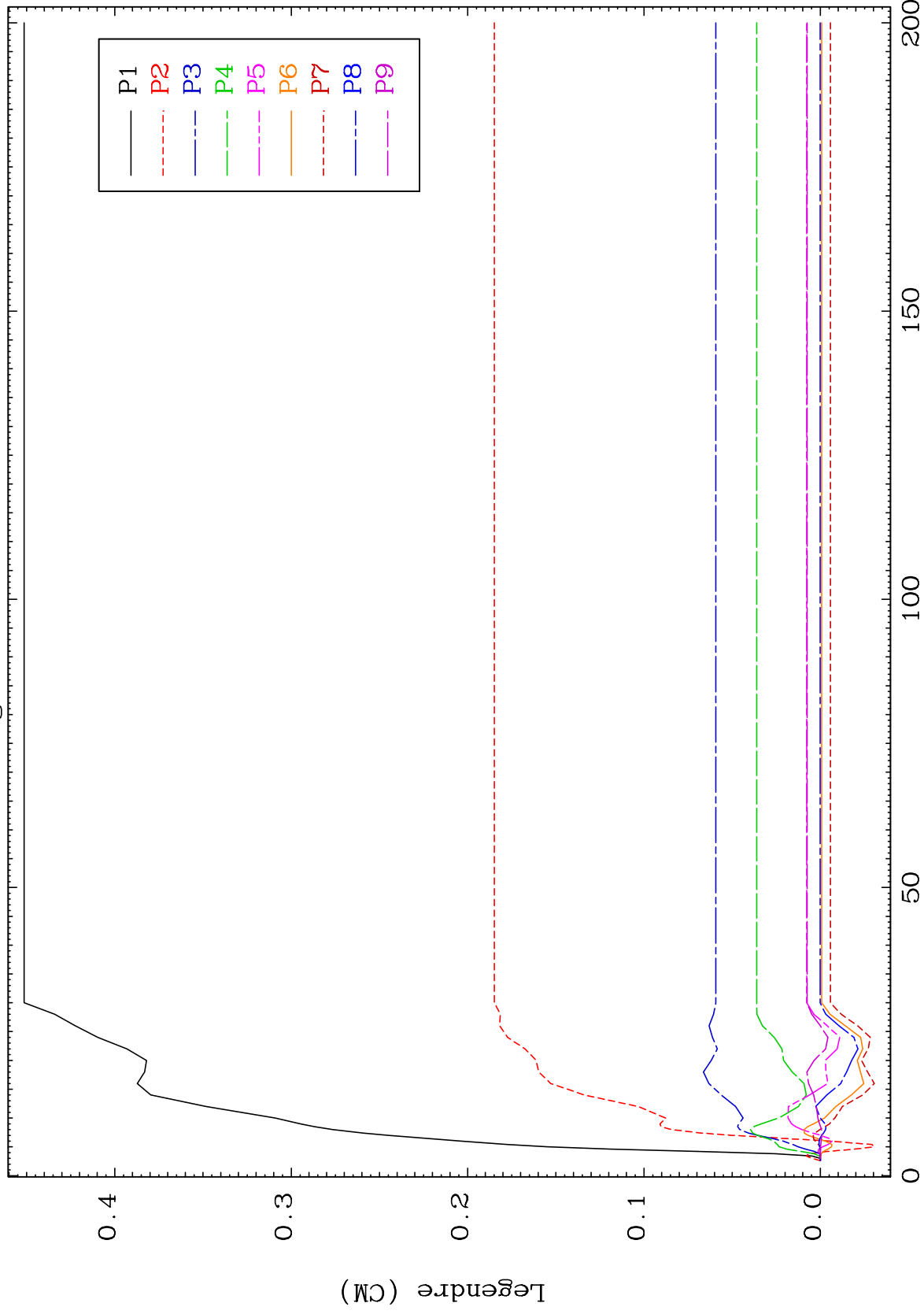
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

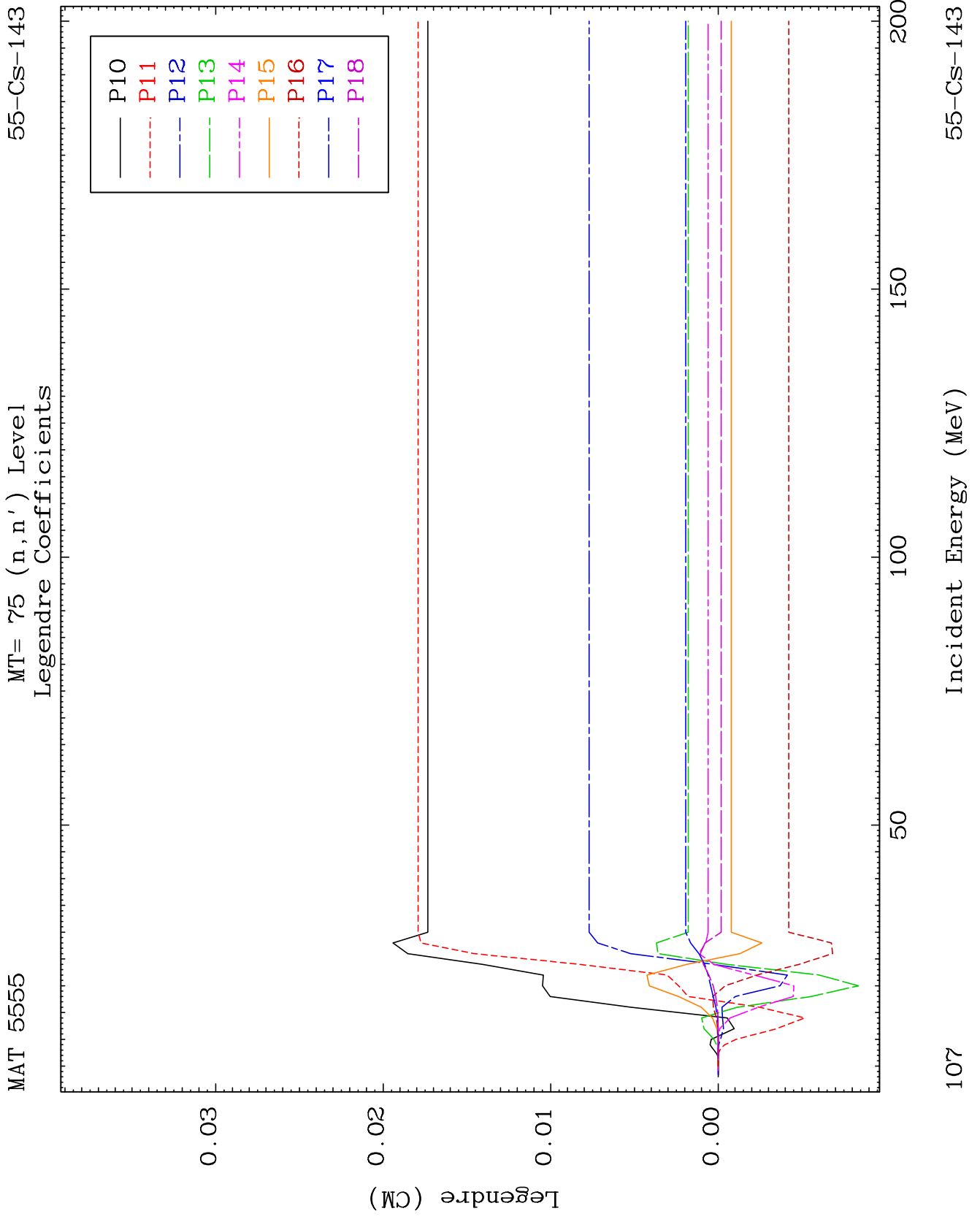
55-Cs-143



106

Incident Energy (MeV)

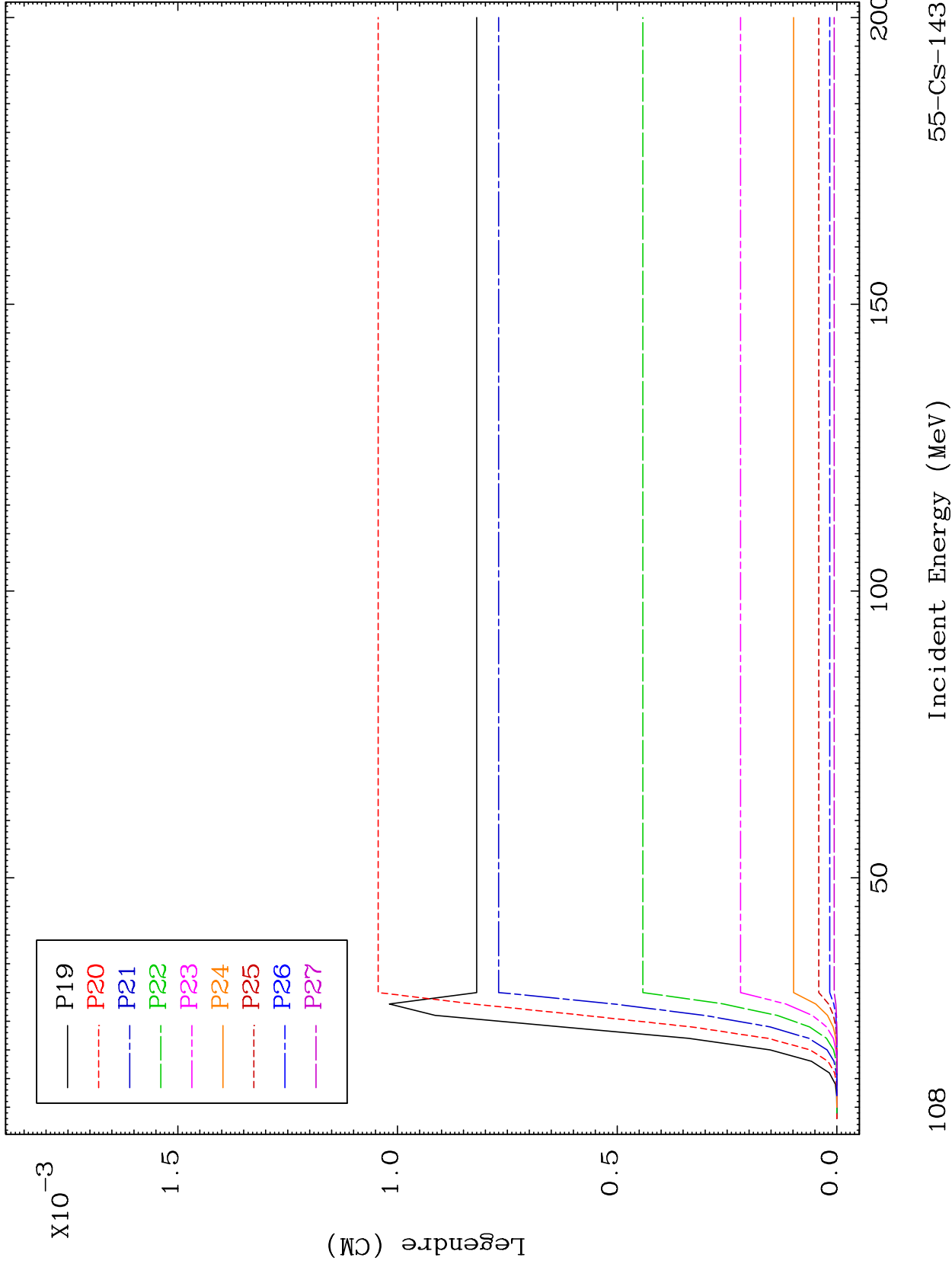
55-Cs-143



MAT 5555

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

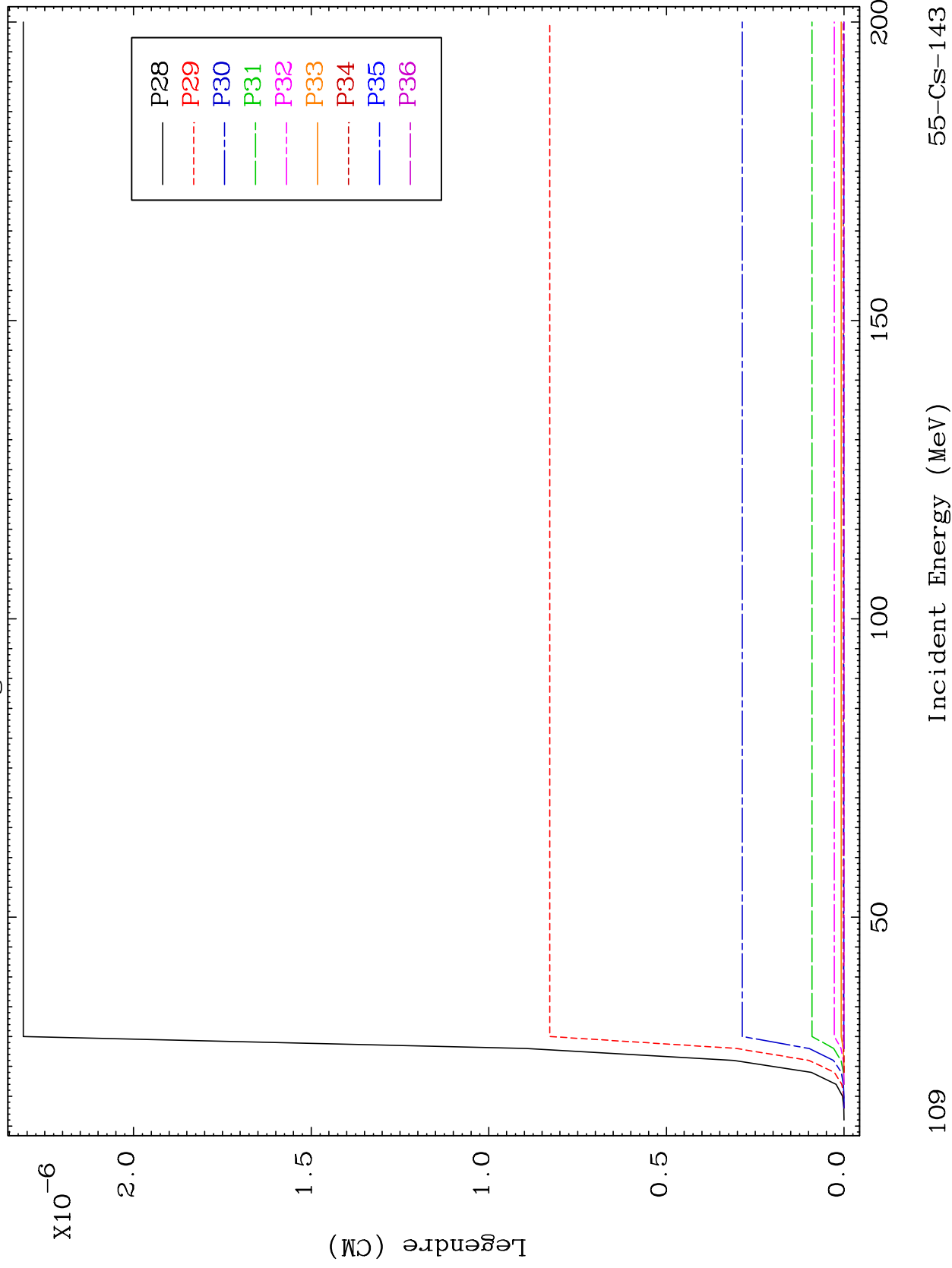
55-Cs-143



MAT 5555

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

55-Cs-143



109

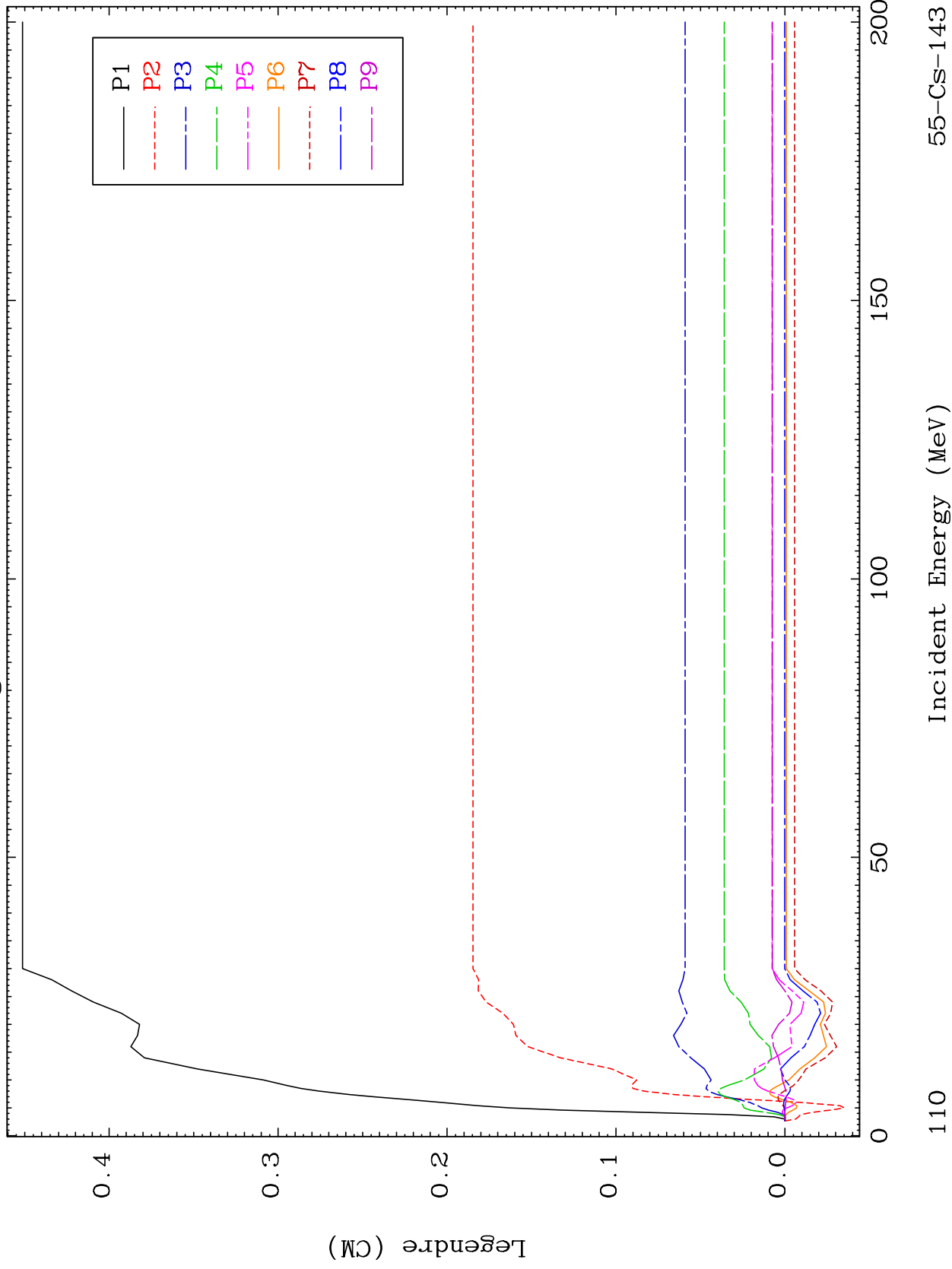
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

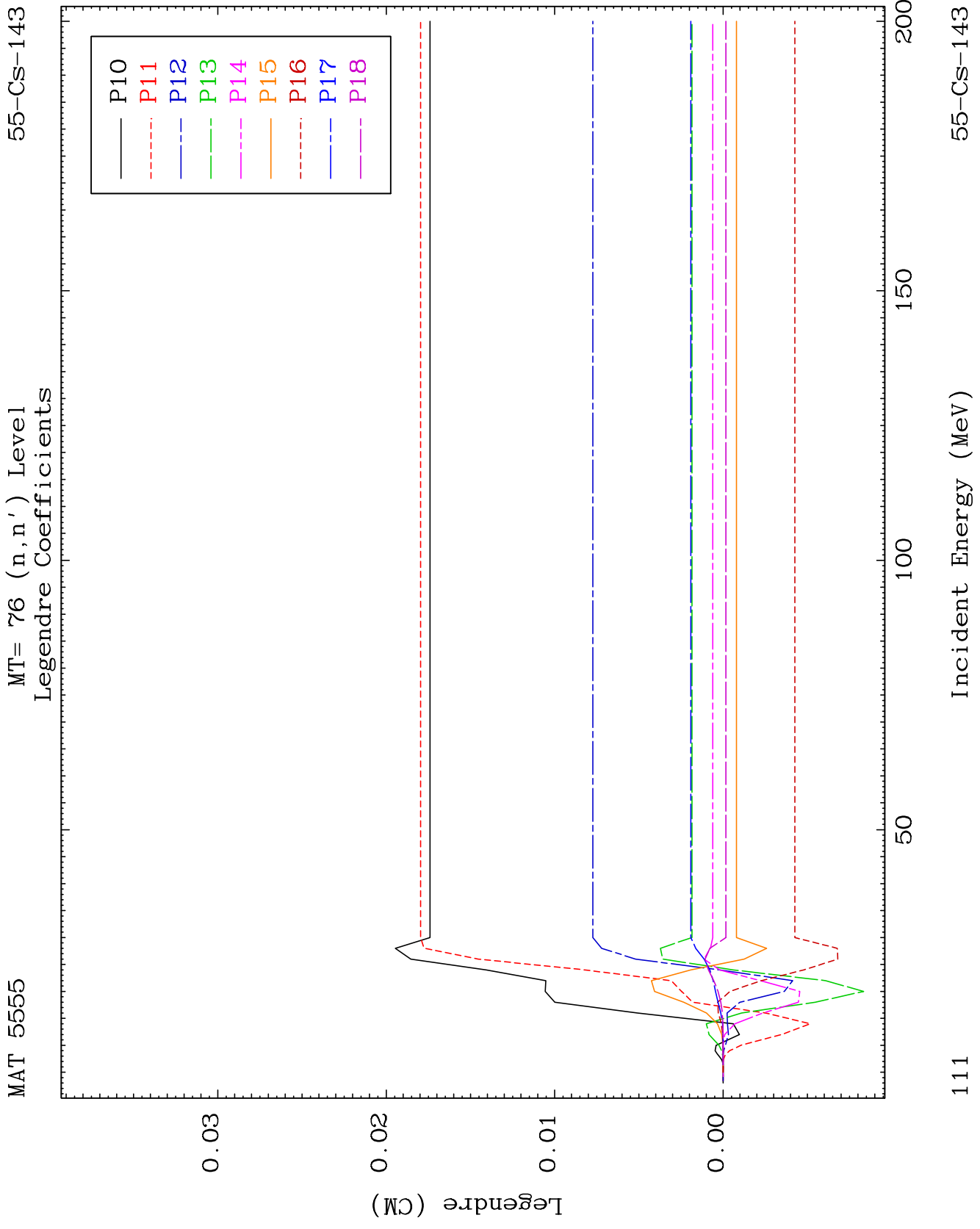
55-Cs-143



55-Cs-143

Incident Energy (MeV)

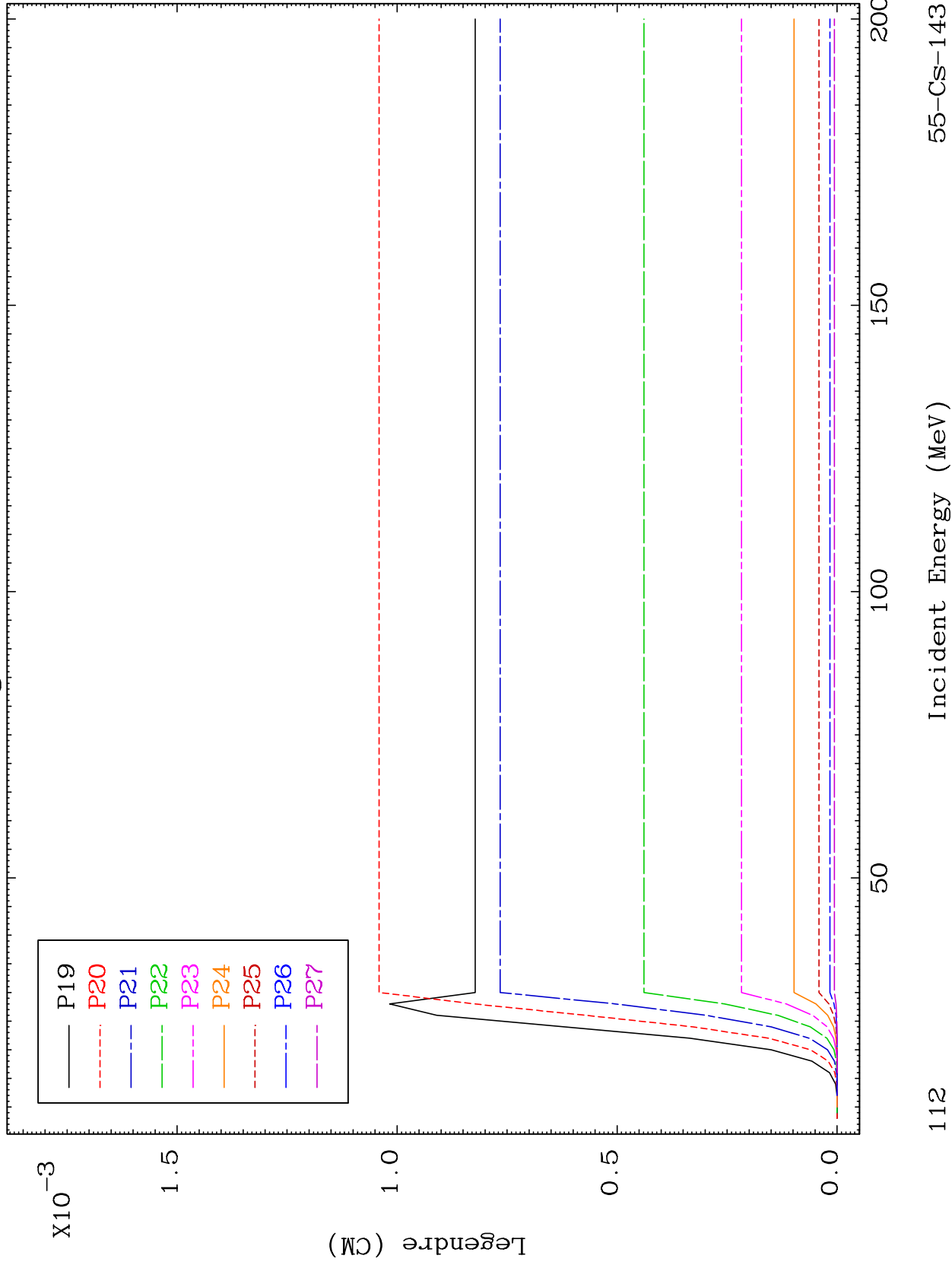
110



MAT 5555

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

55-Cs-143

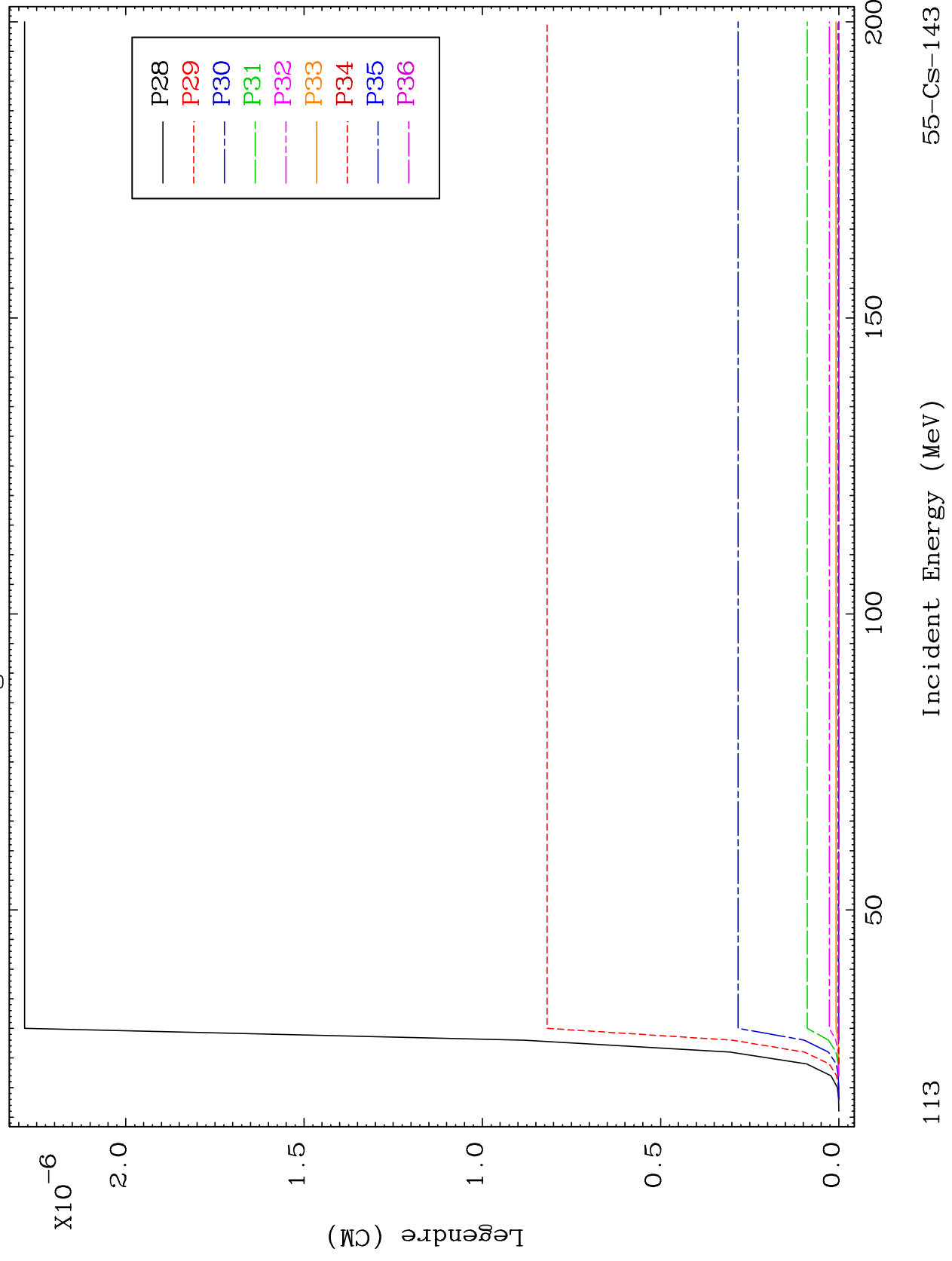


112

MAT 5555

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

55-Cs-143



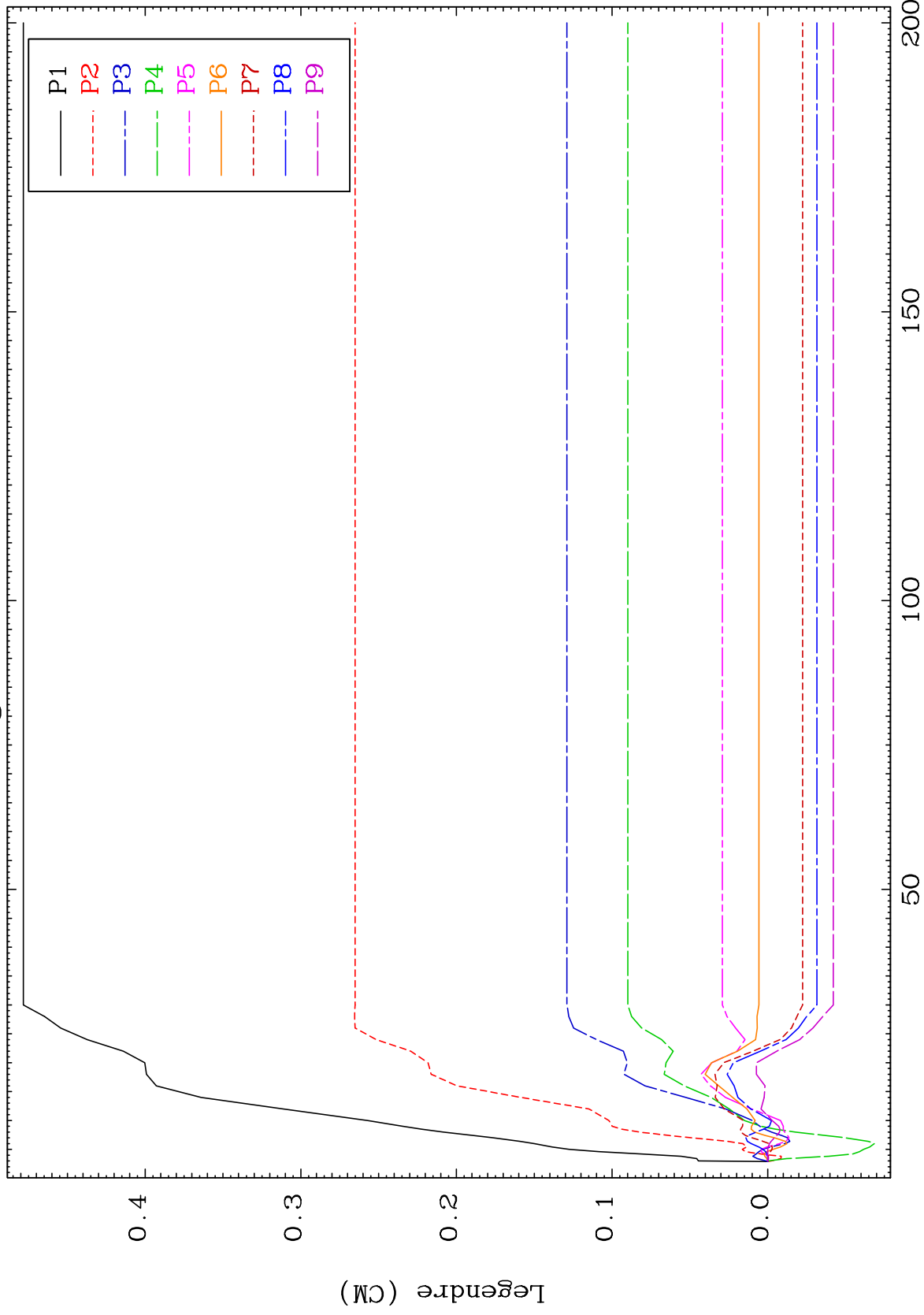
113

55-Cs-143

MAT 5555

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

55-Cs-143



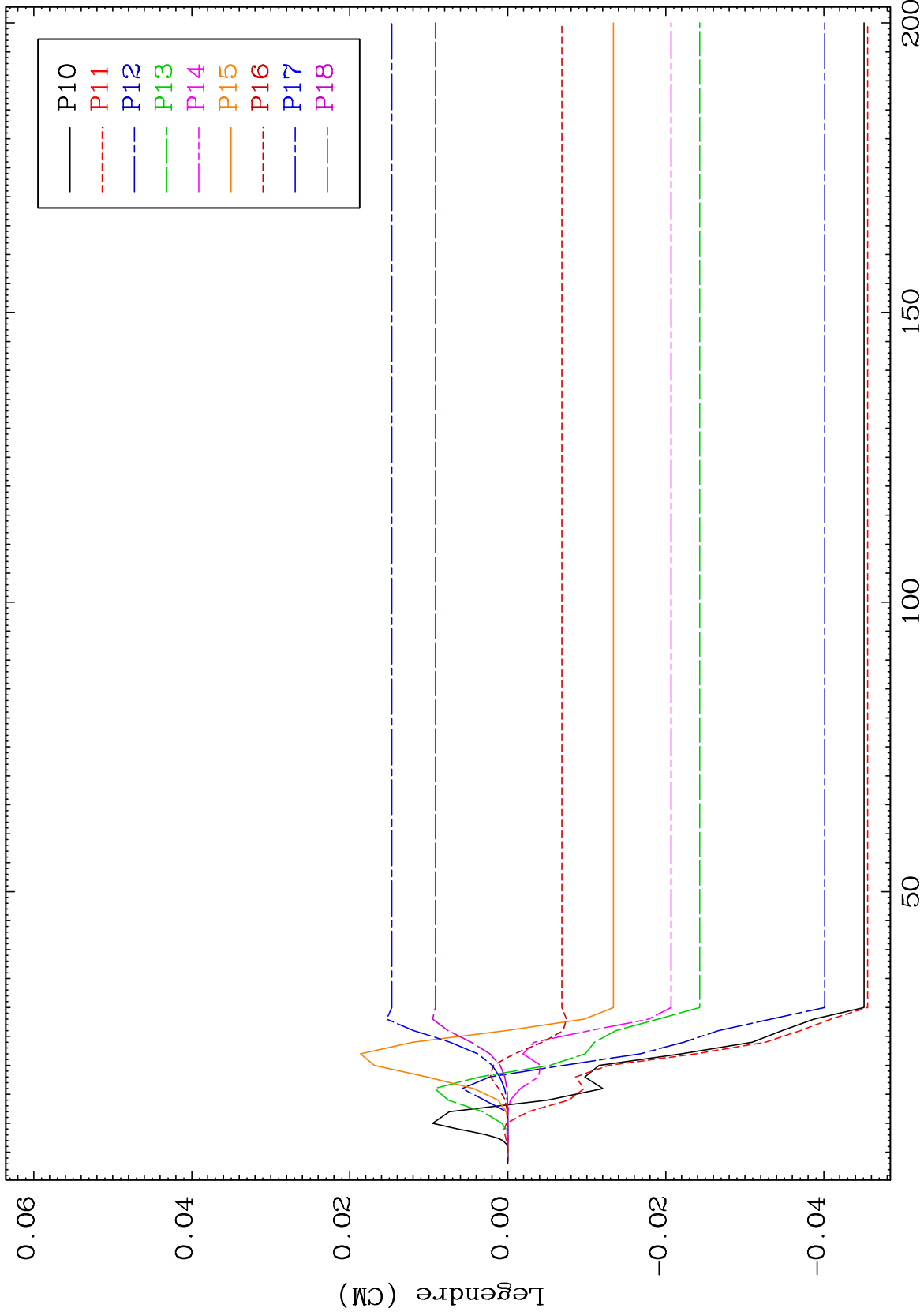
114

55-Cs-143

MAT 5555

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

55-Cs-143



115

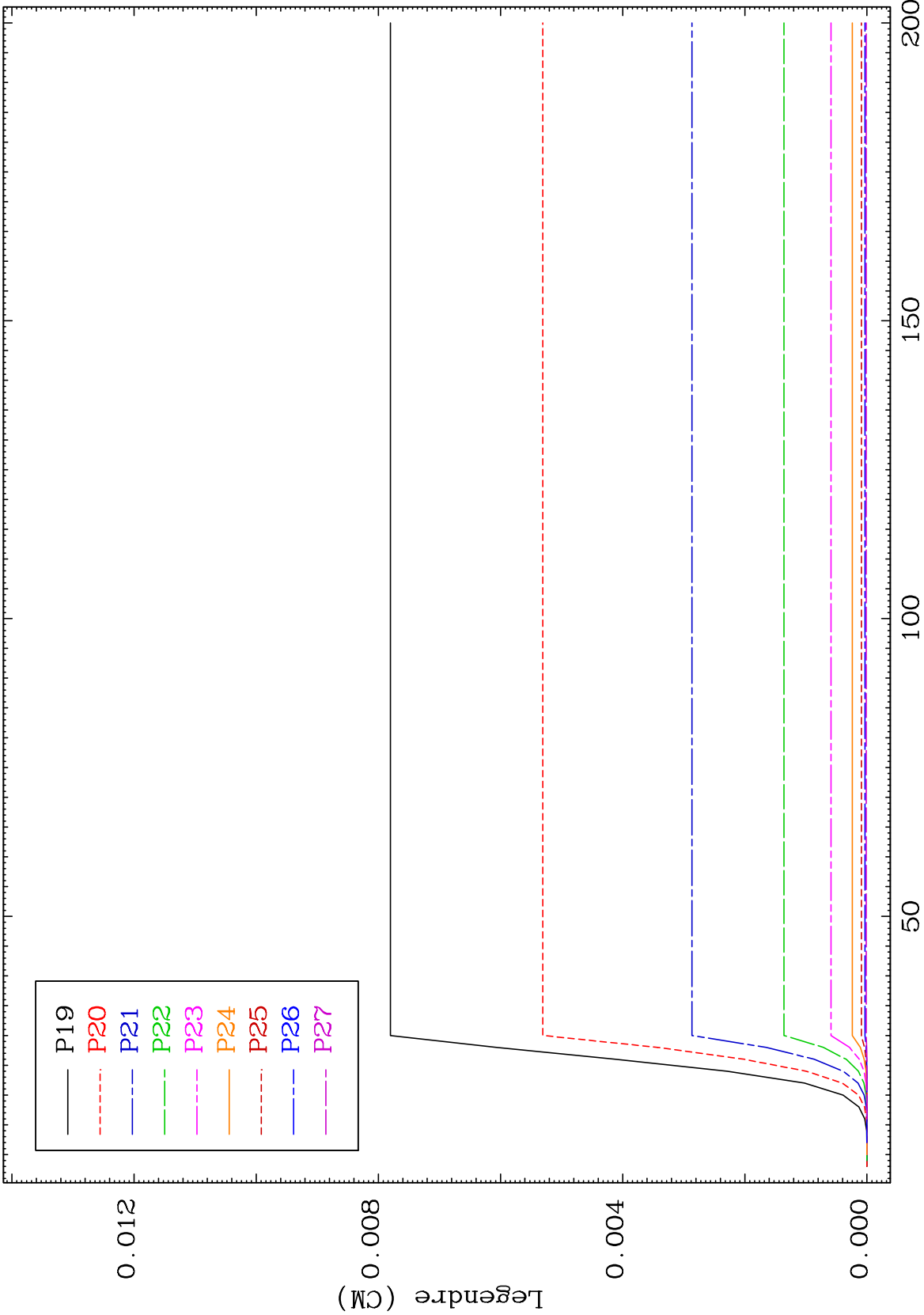
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



116

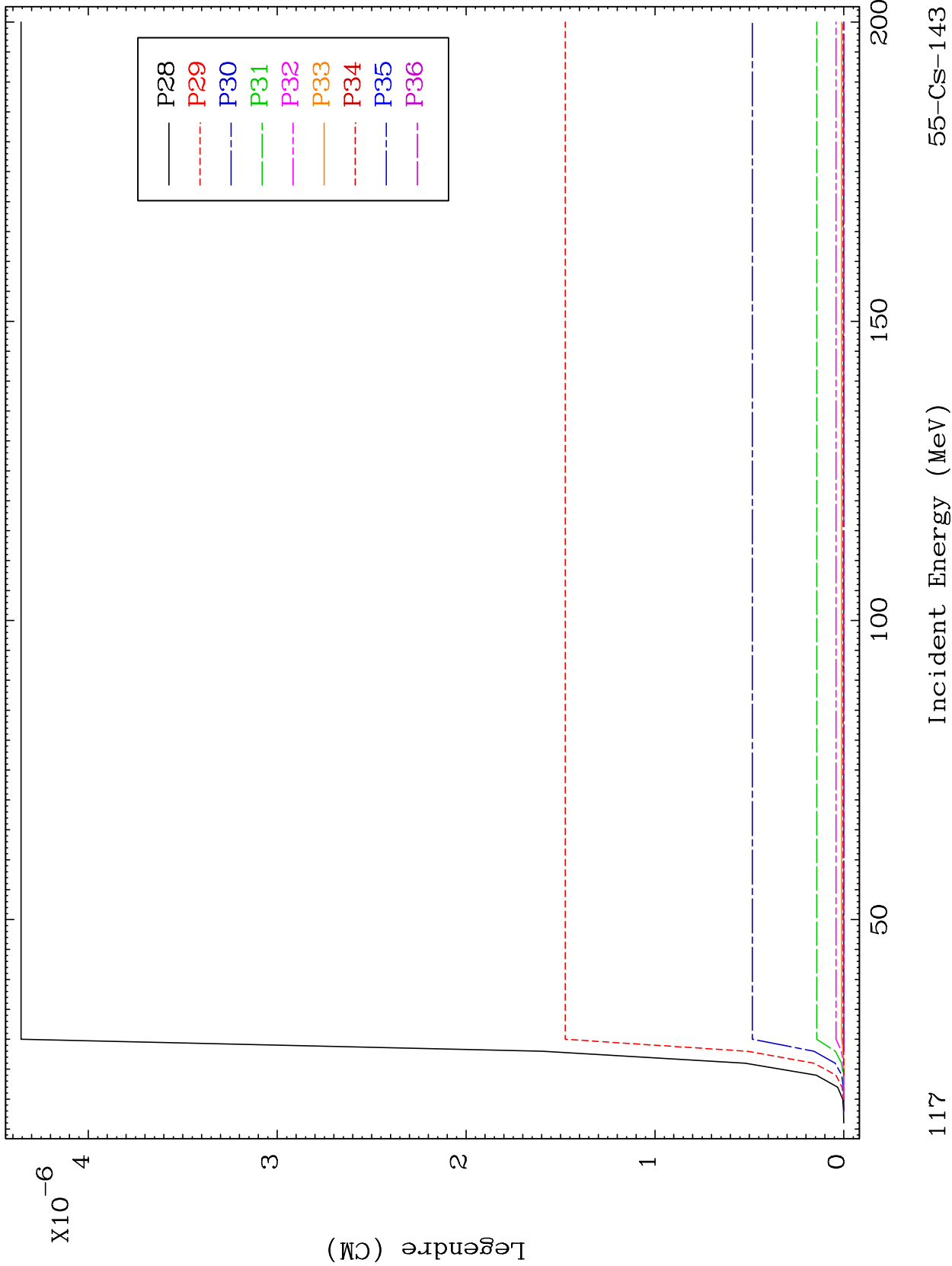
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



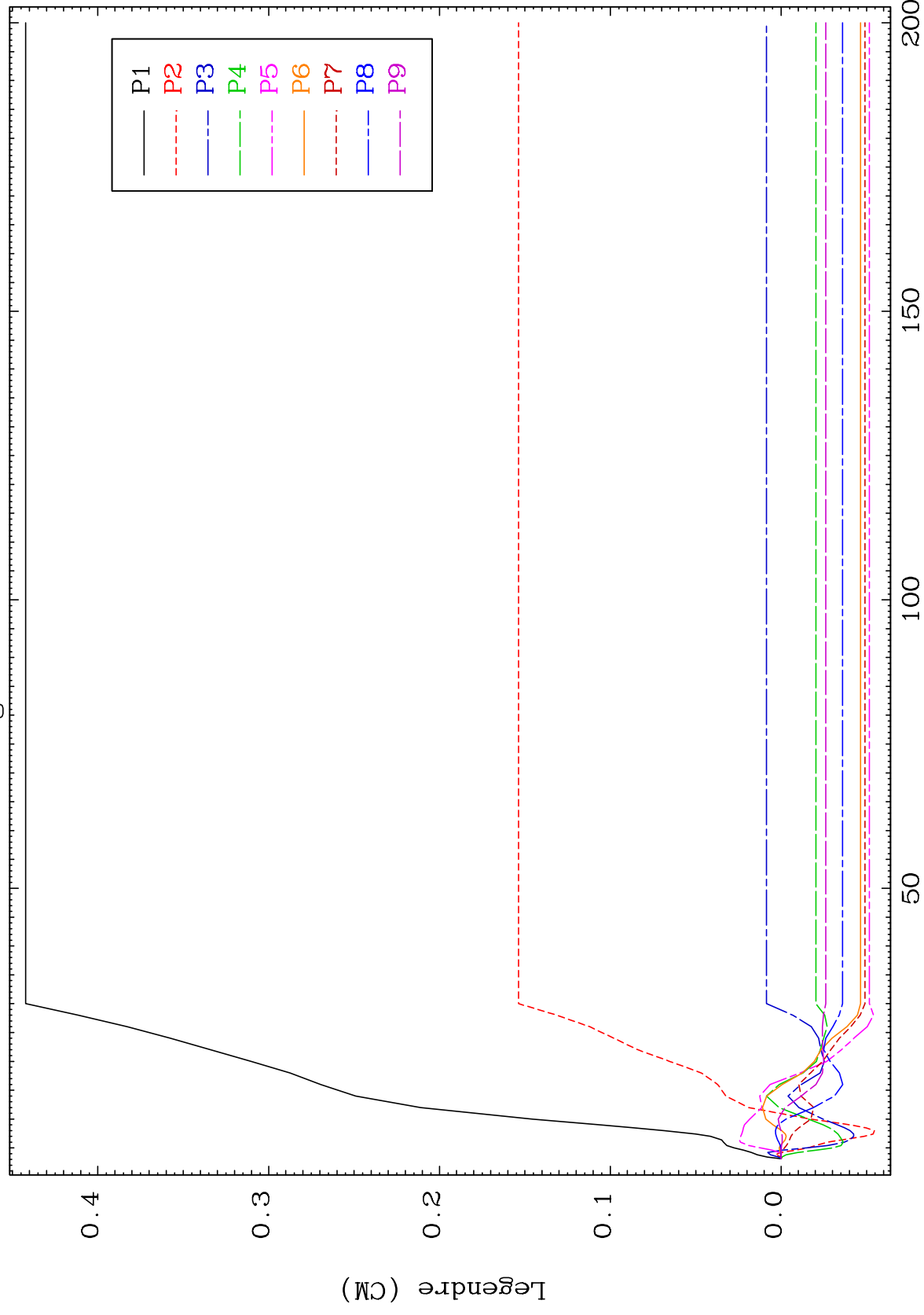
117

55-Cs-143

MAT 5555

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

55-Cs-143



118

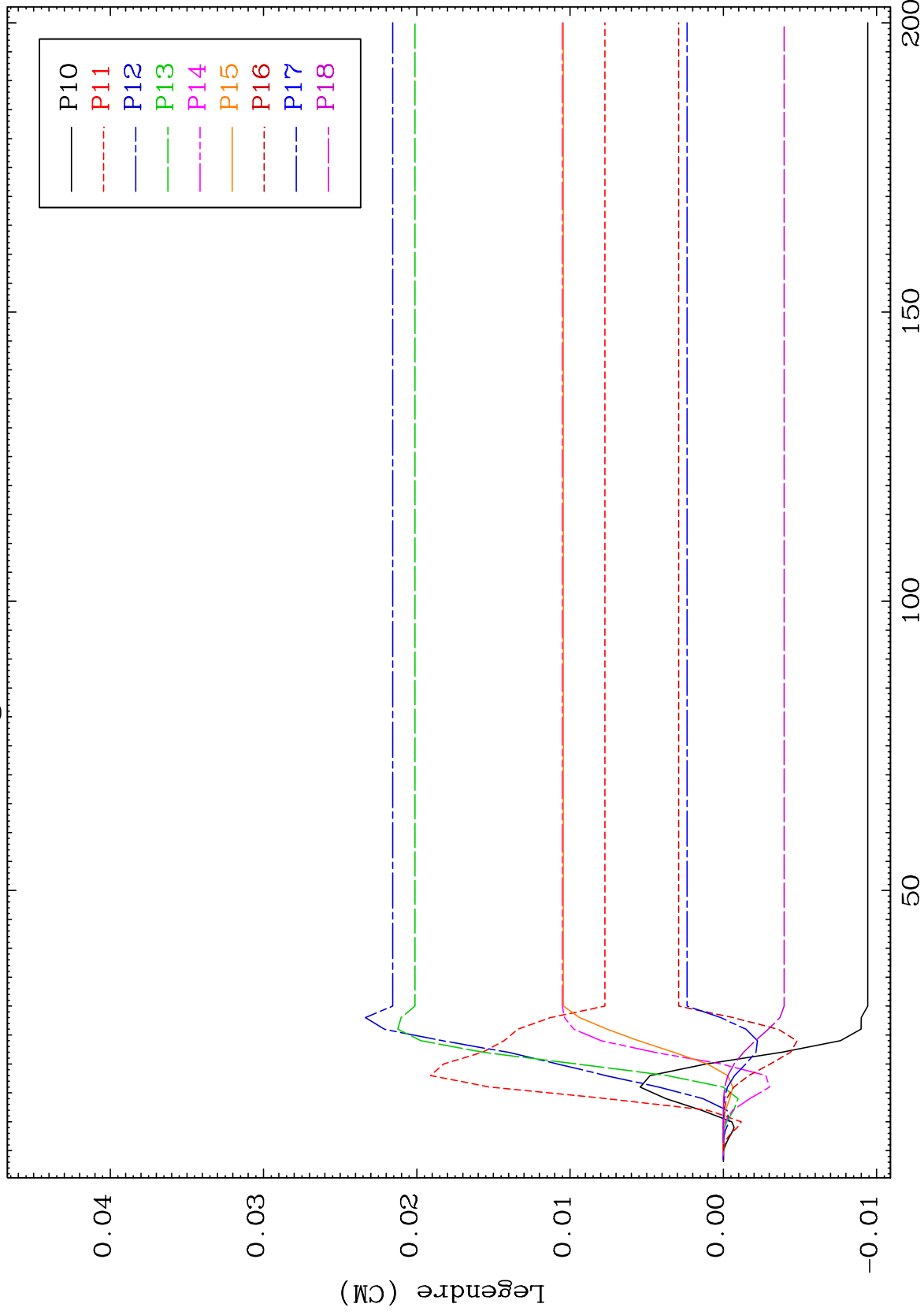
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



119

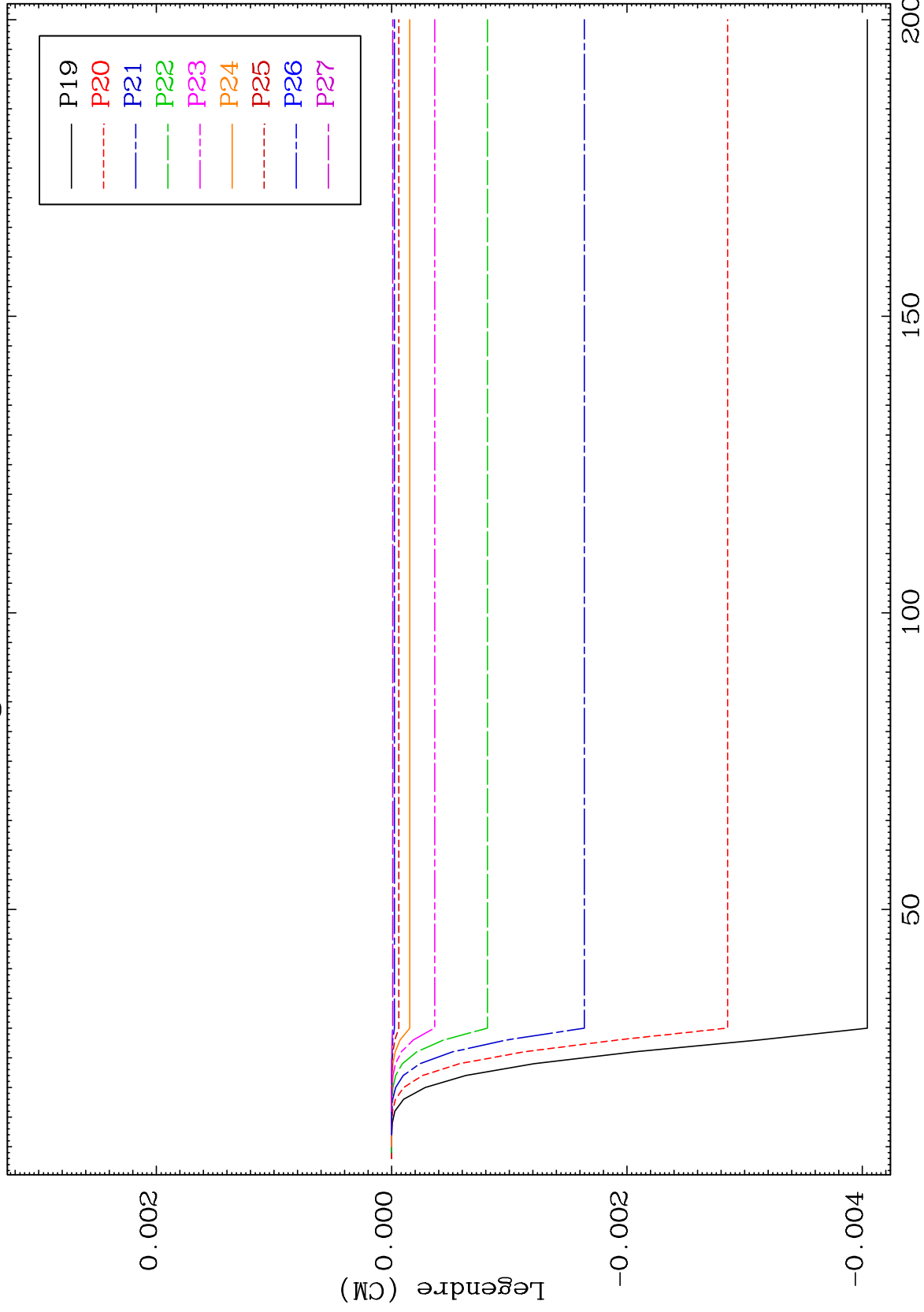
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



120

Incident Energy (MeV)

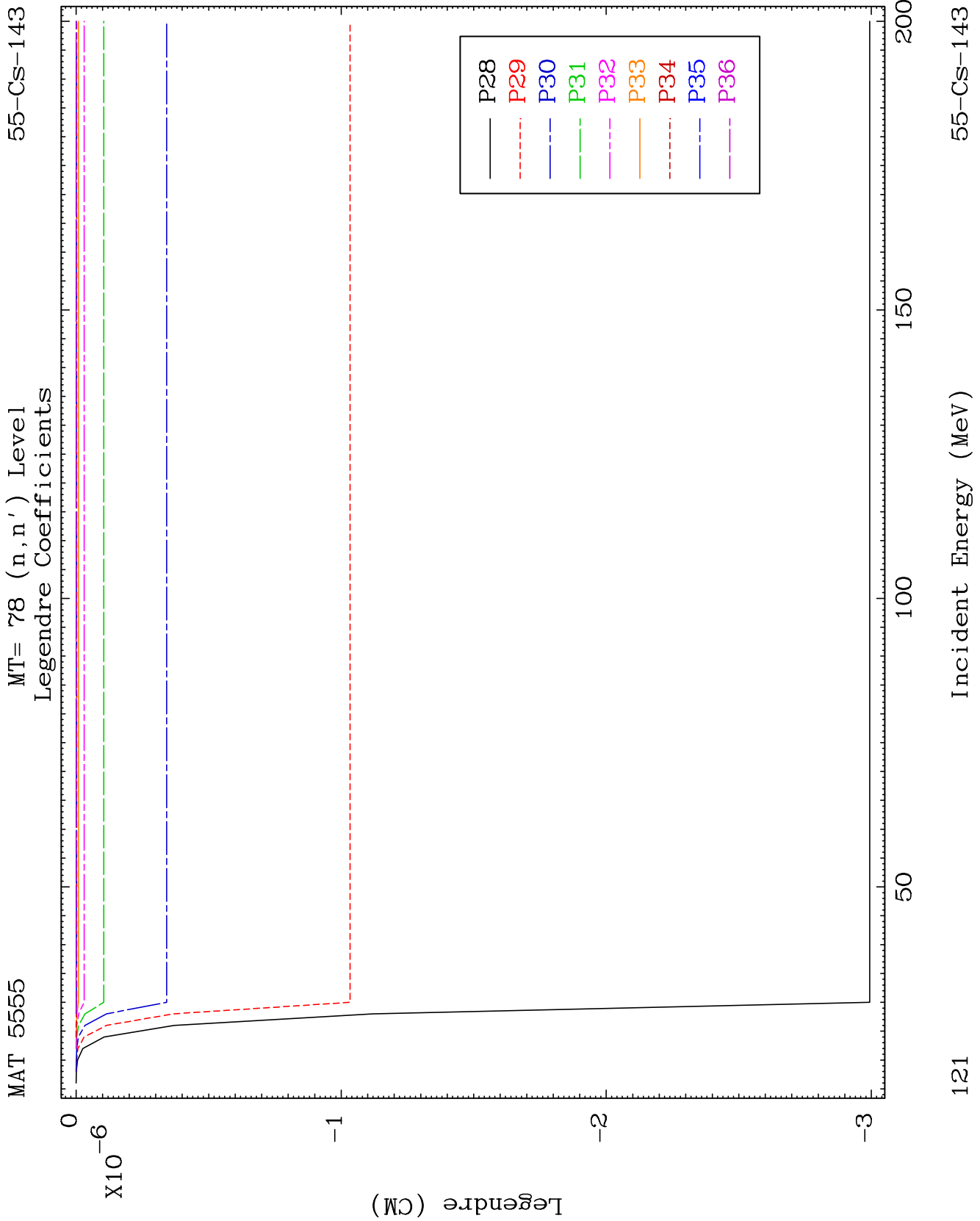
50

100

150

200

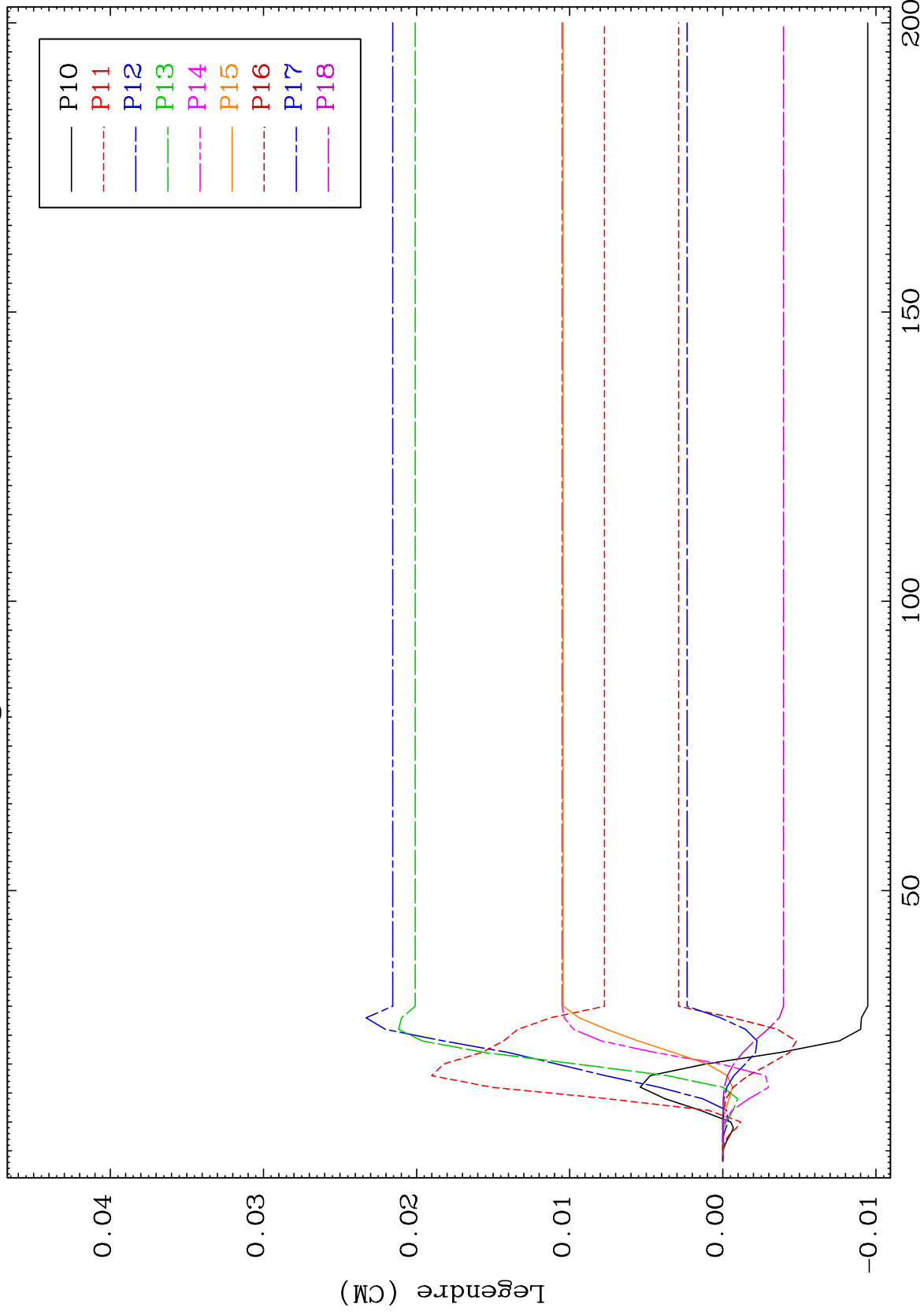
55-Cs-143



MAT 5555

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

55-Cs-143



123

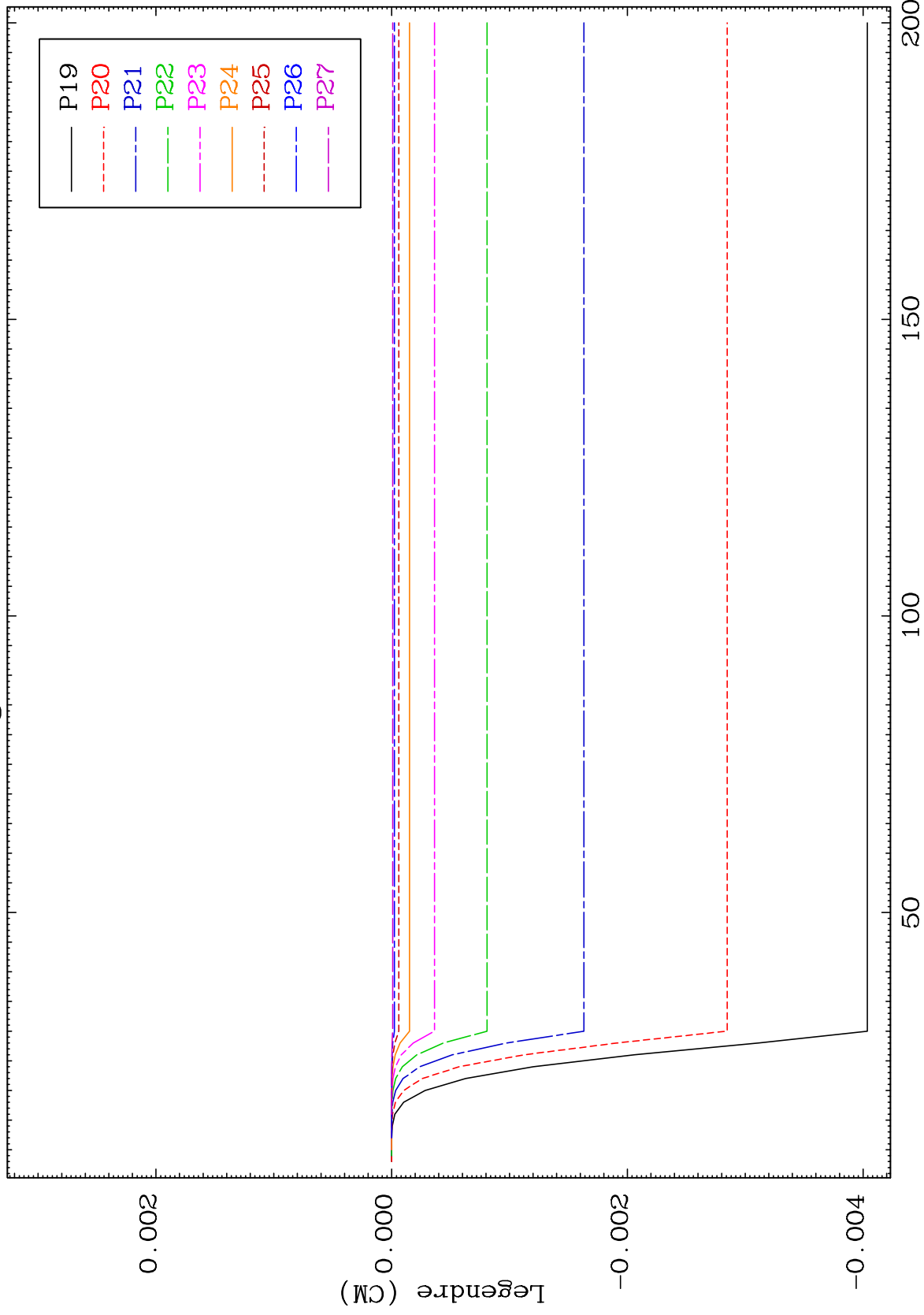
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

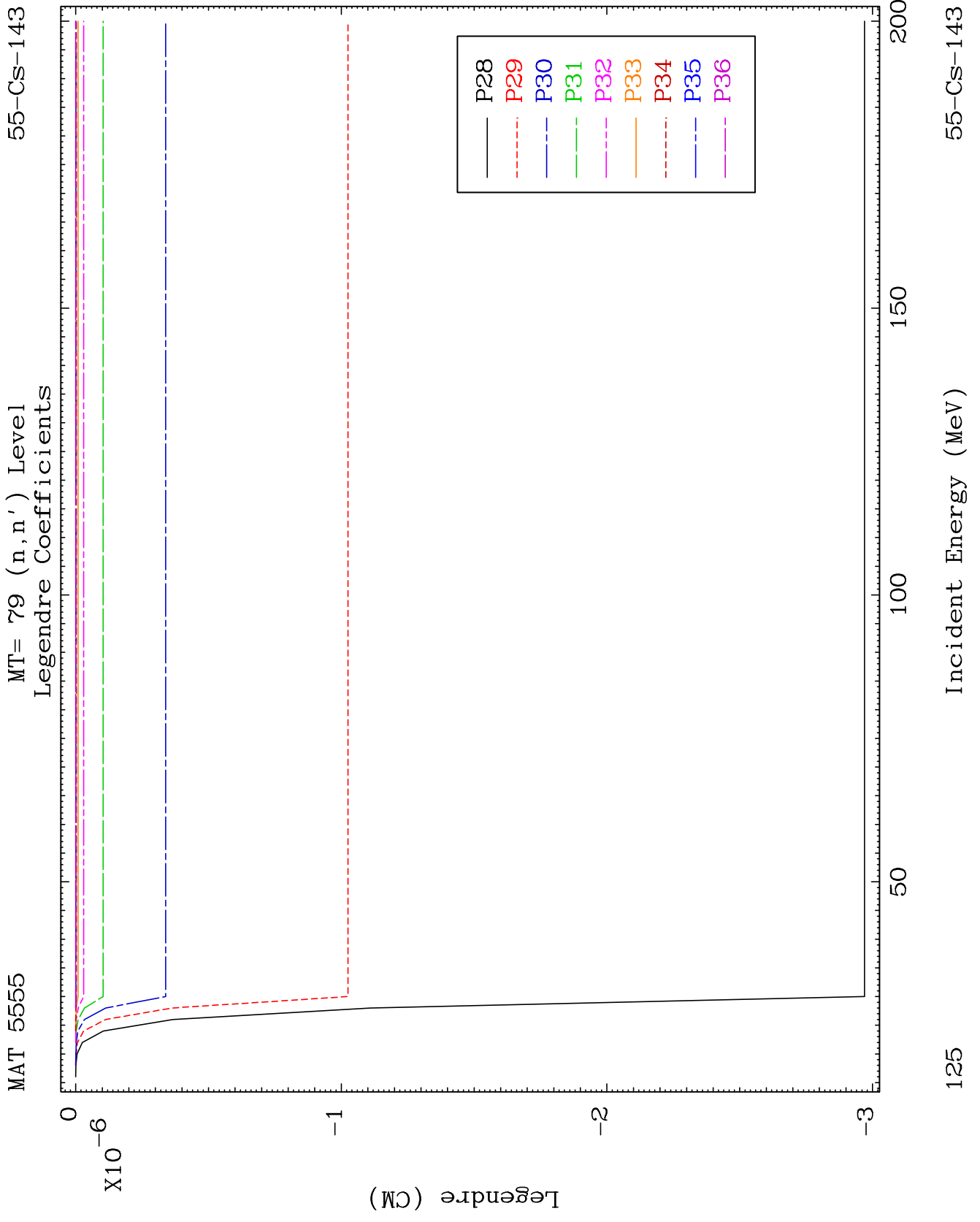
55-Cs-143



124

Incident Energy (MeV)

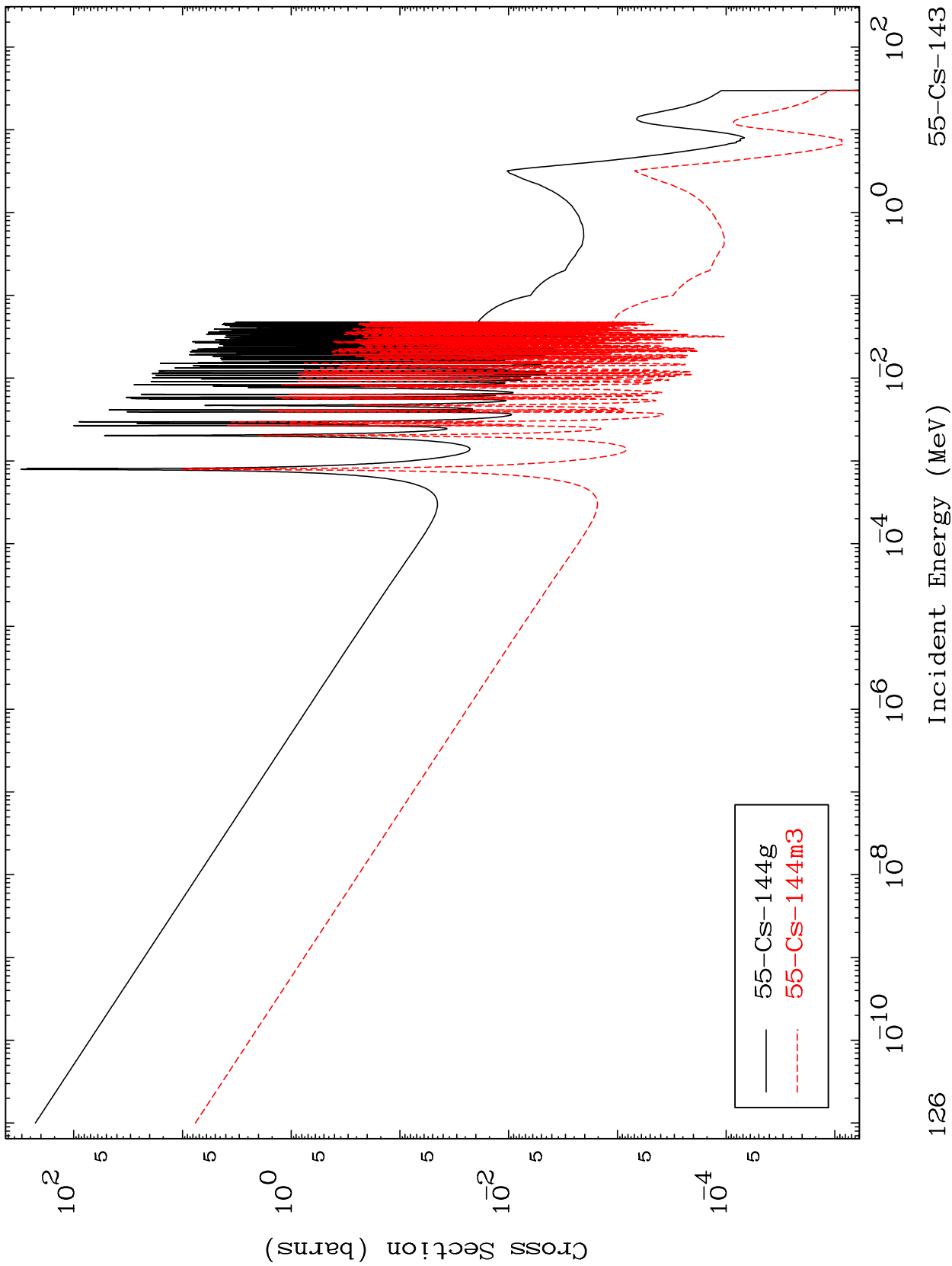
55-Cs-143



MAT 5555

55-Cs-143

(n, γ)
Radionuclide Production Cross Section



126

55-Cs-143