

Program EVALPLOT
(Version 2018-1)

by

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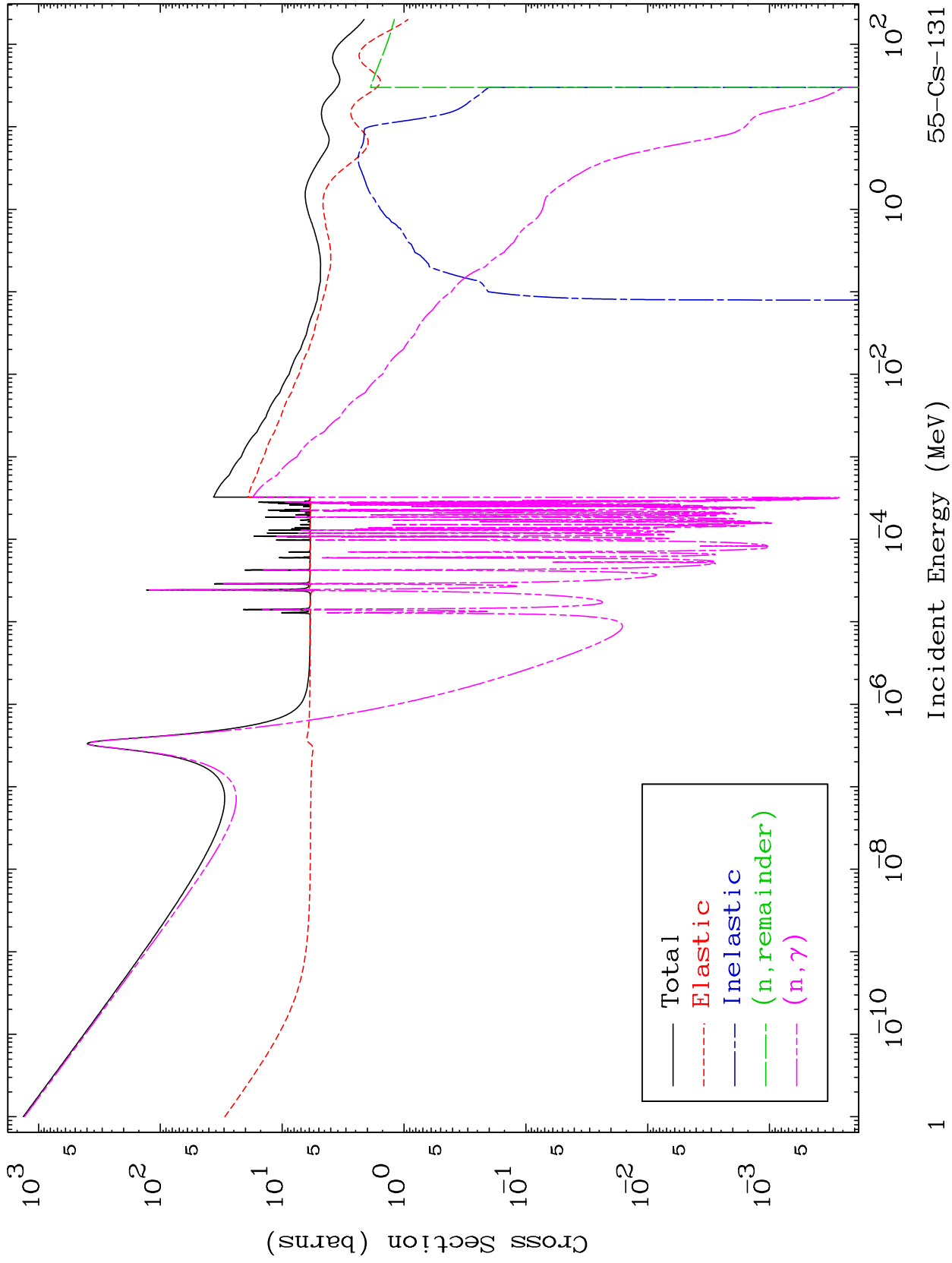
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5519

Major
293 Kelvin Cross Sections

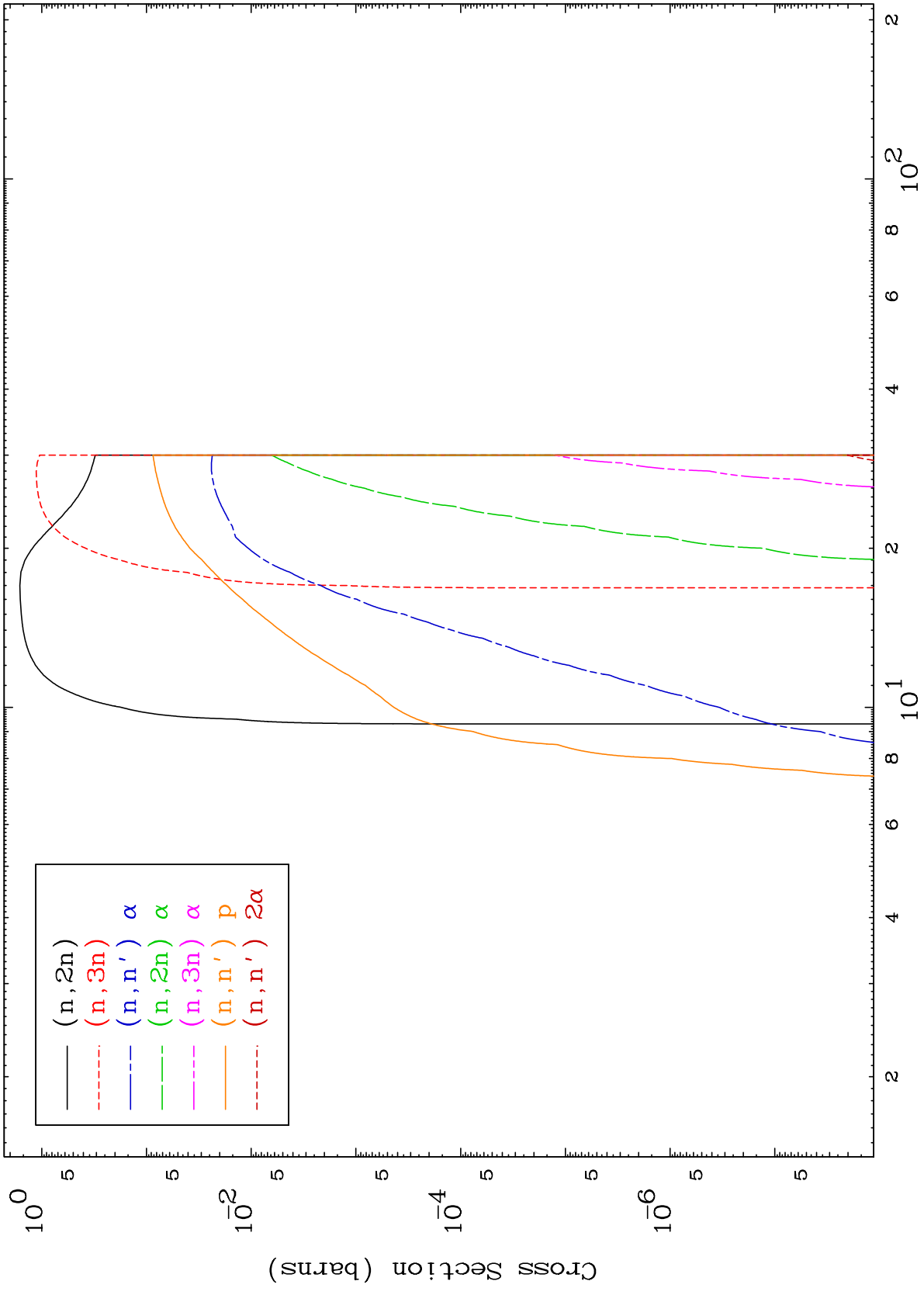
55-Cs-131



MAT 5519

Neutron Production
293 Kelvin Cross Sections

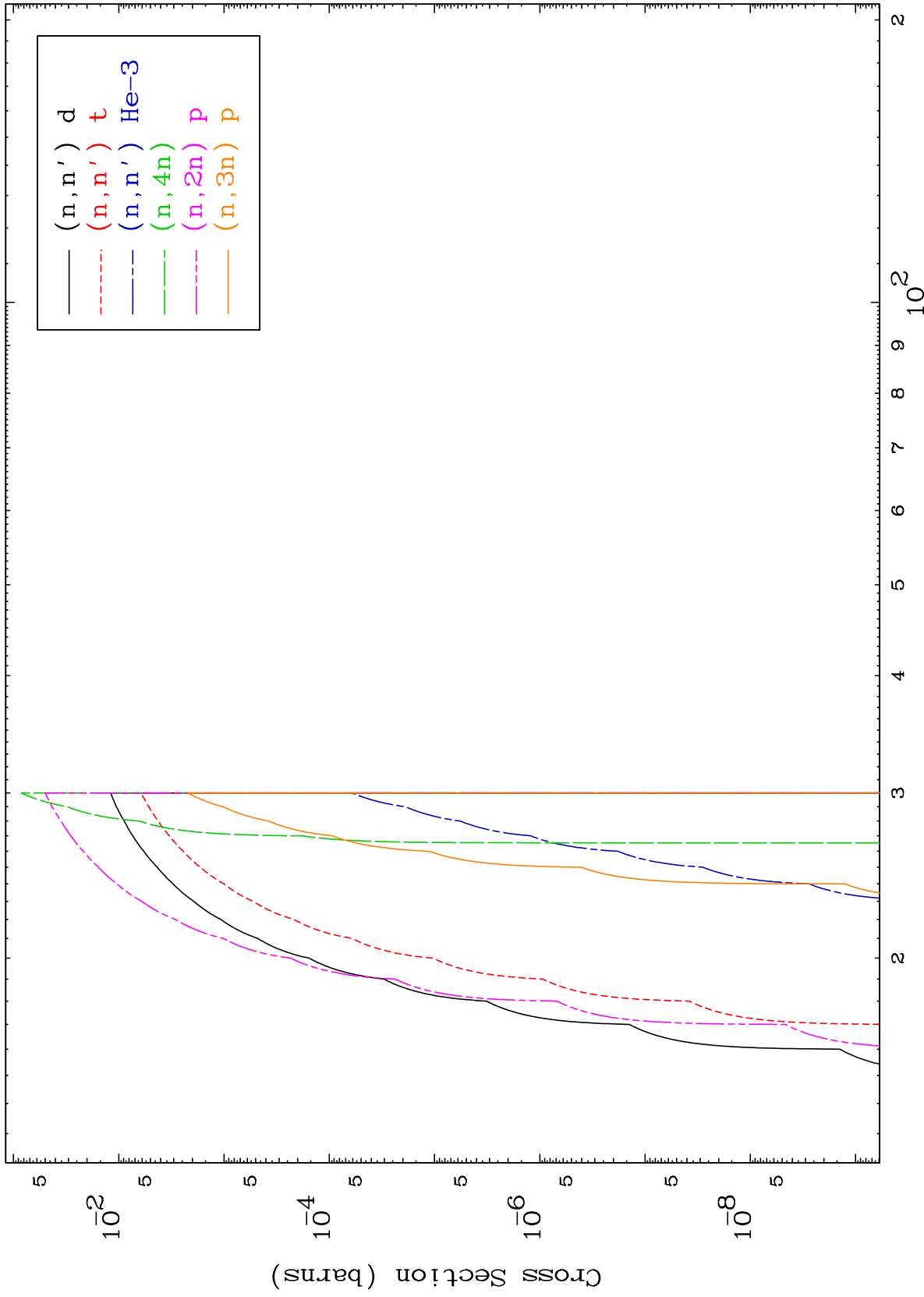
55-Cs-131

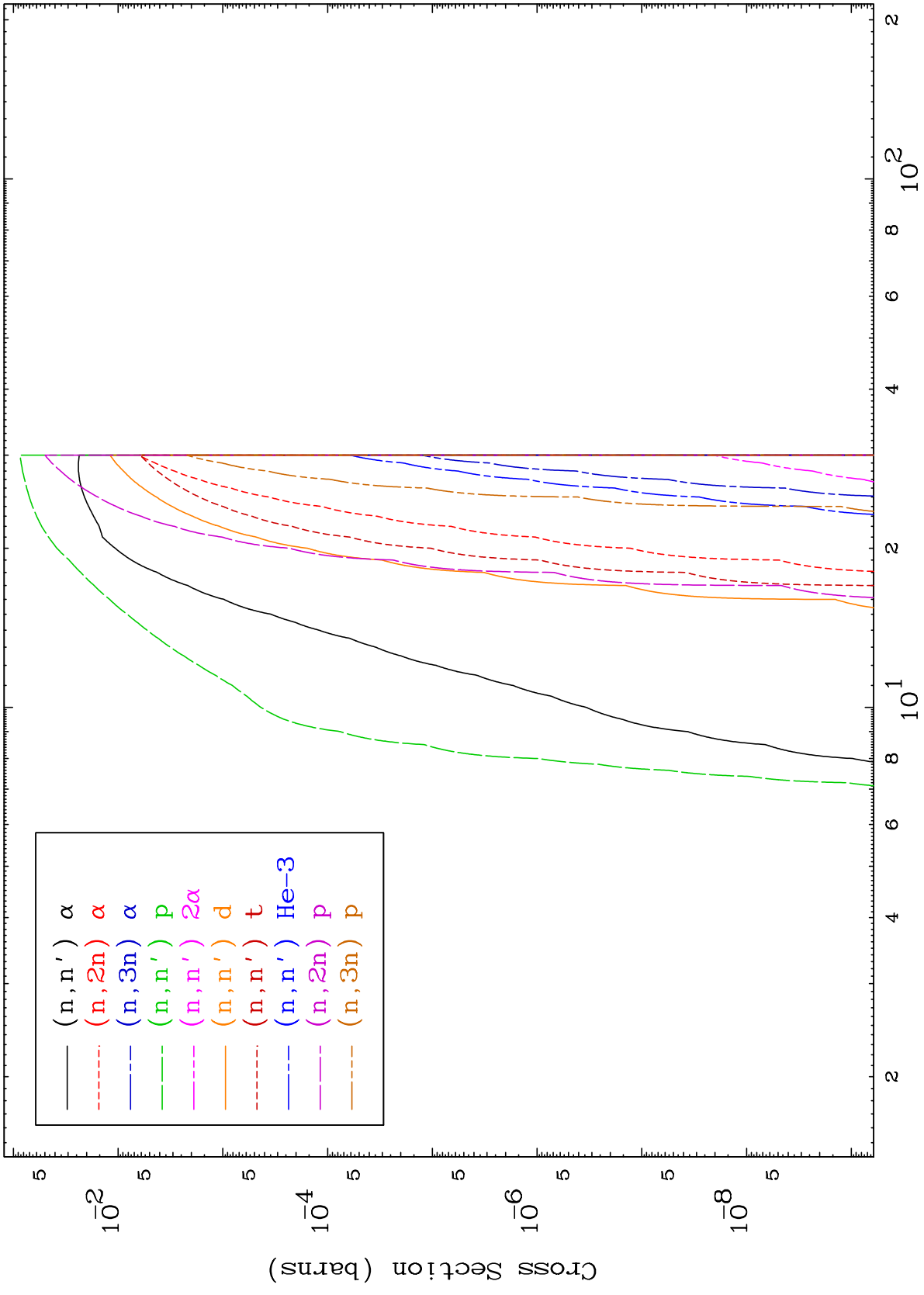


2

Incident Energy (MeV)

55-Cs-131

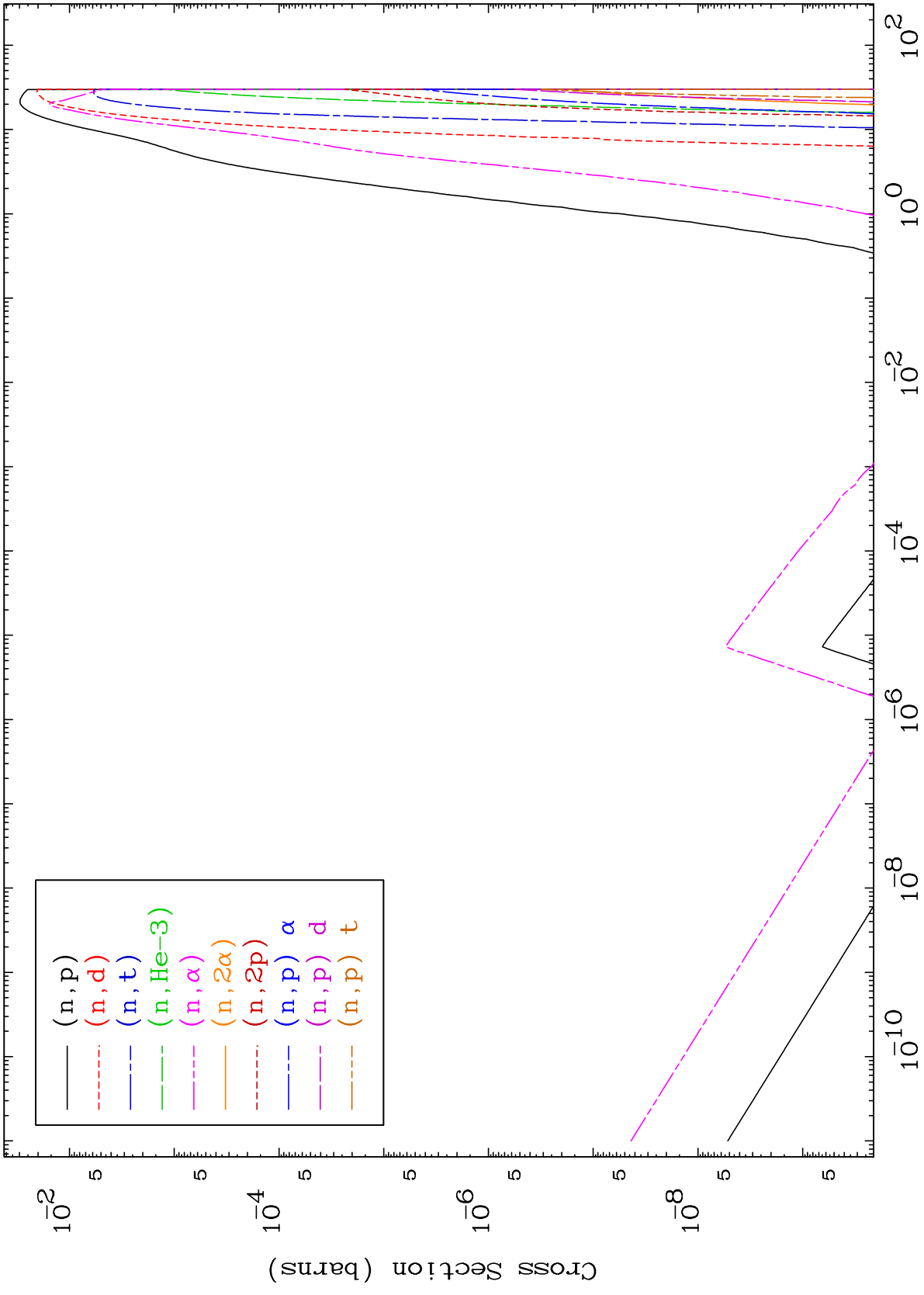




MAT 5519

Charged Particle
293 Kelvin Cross Sections

55-Cs-131



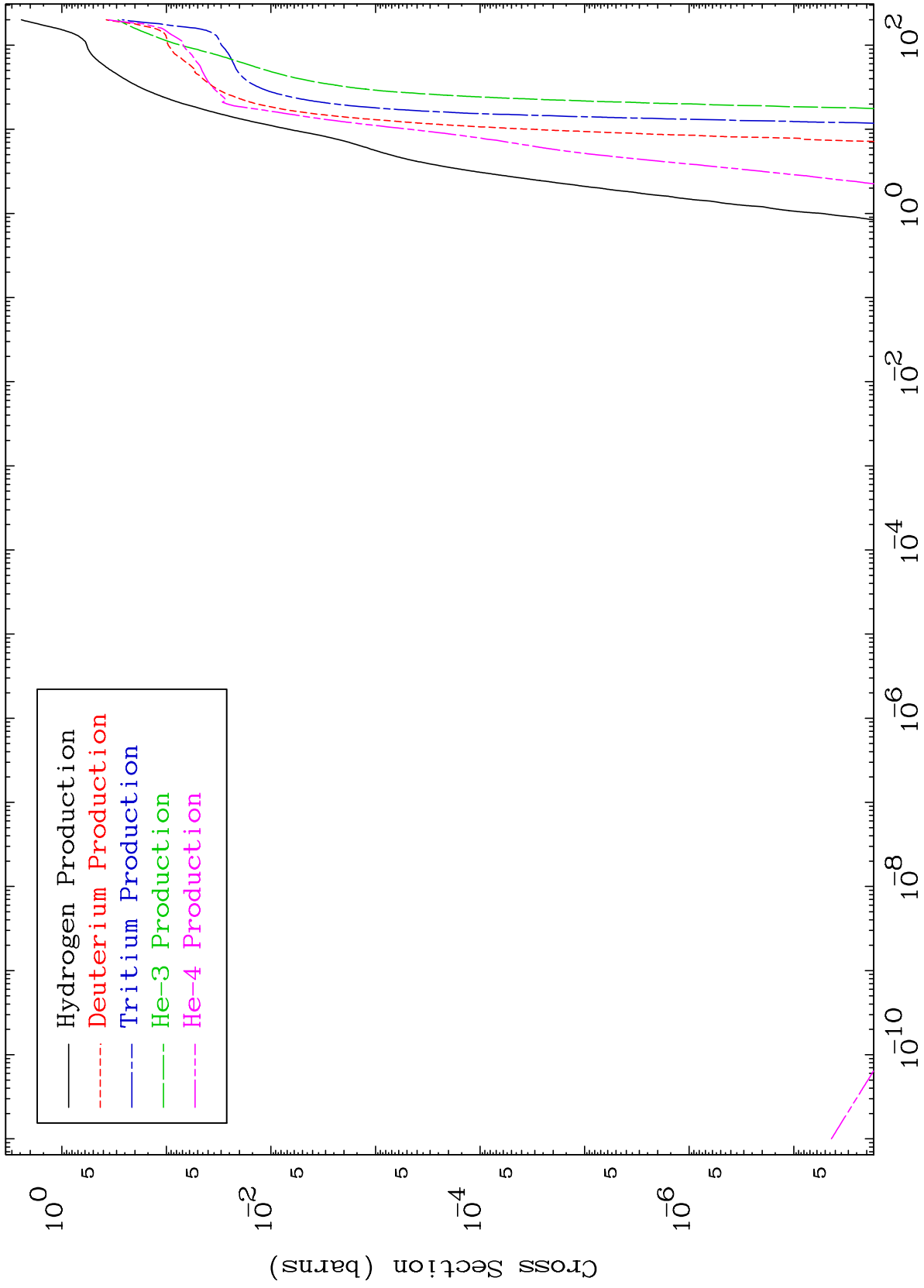
5

55-Cs-131

MAT 5519

Particle Production
293 Kelvin Cross Sections

55-Cs-131



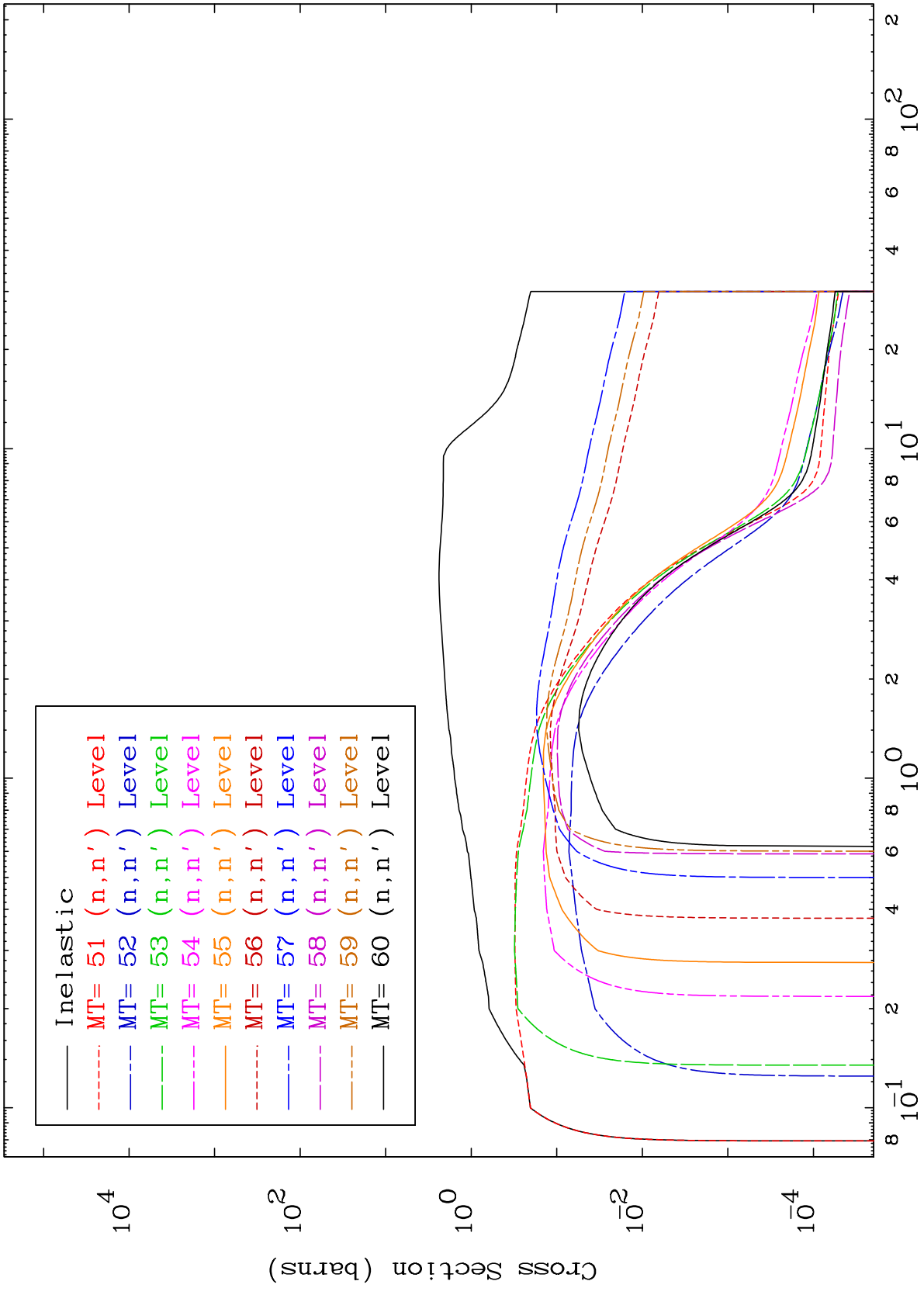
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55-Cs-131

MAT 5519

(n,n') Level
293 Kelvin Cross Sections

55-Cs-131



7

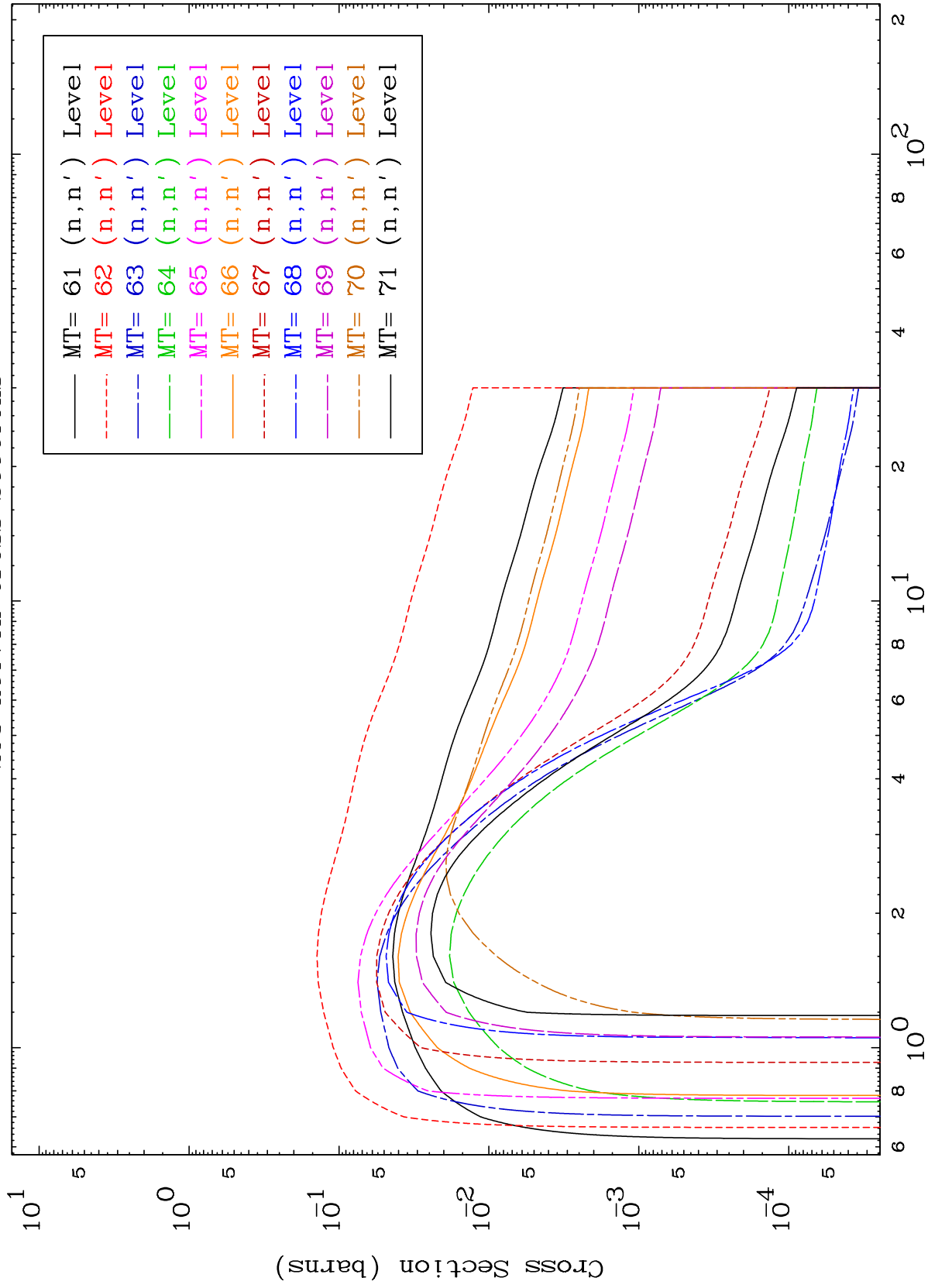
Incident Energy (MeV)

55-Cs-131

MAT 5519

(n,n') Level
293 Kelvin Cross Sections

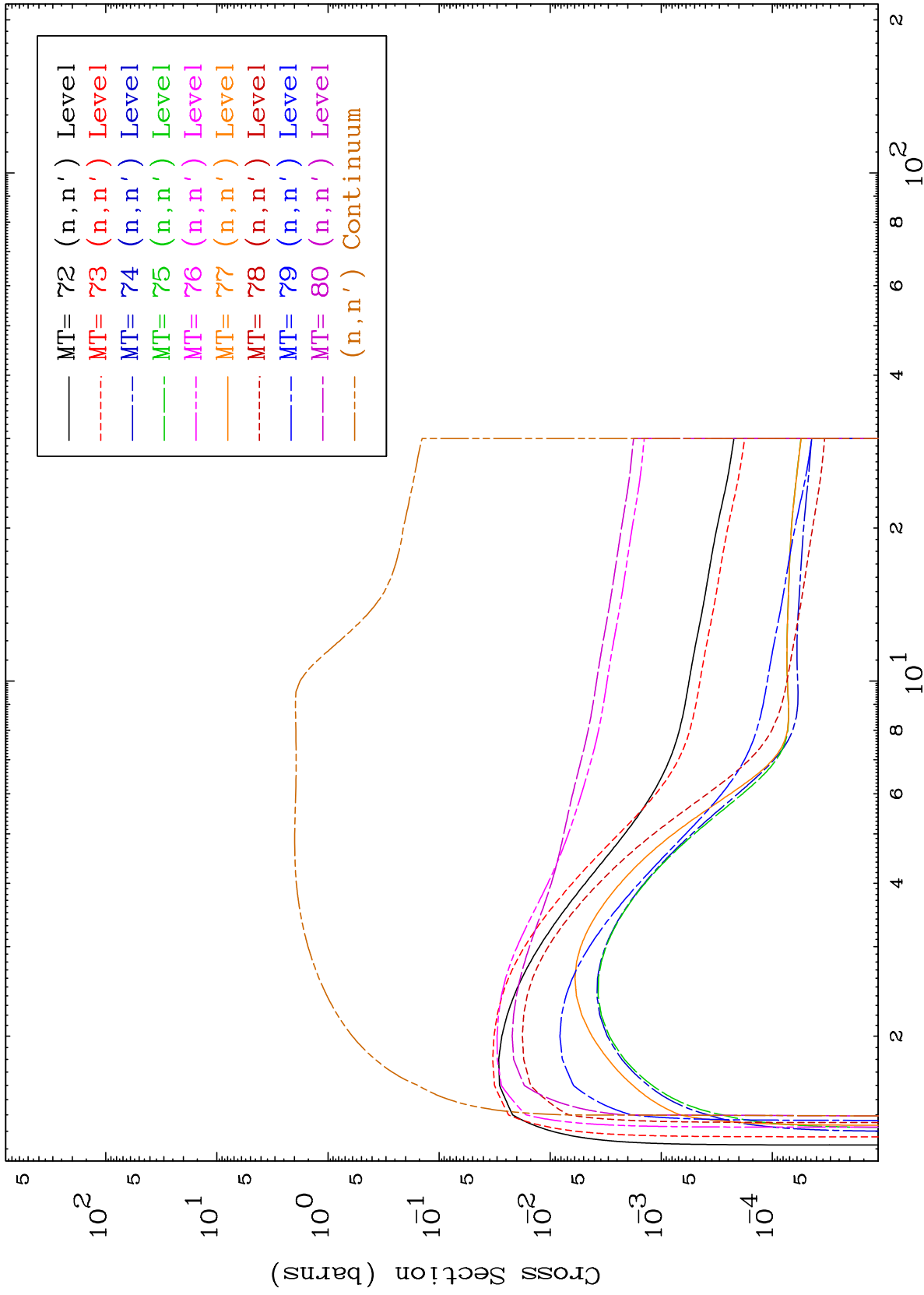
55-Cs-131



8

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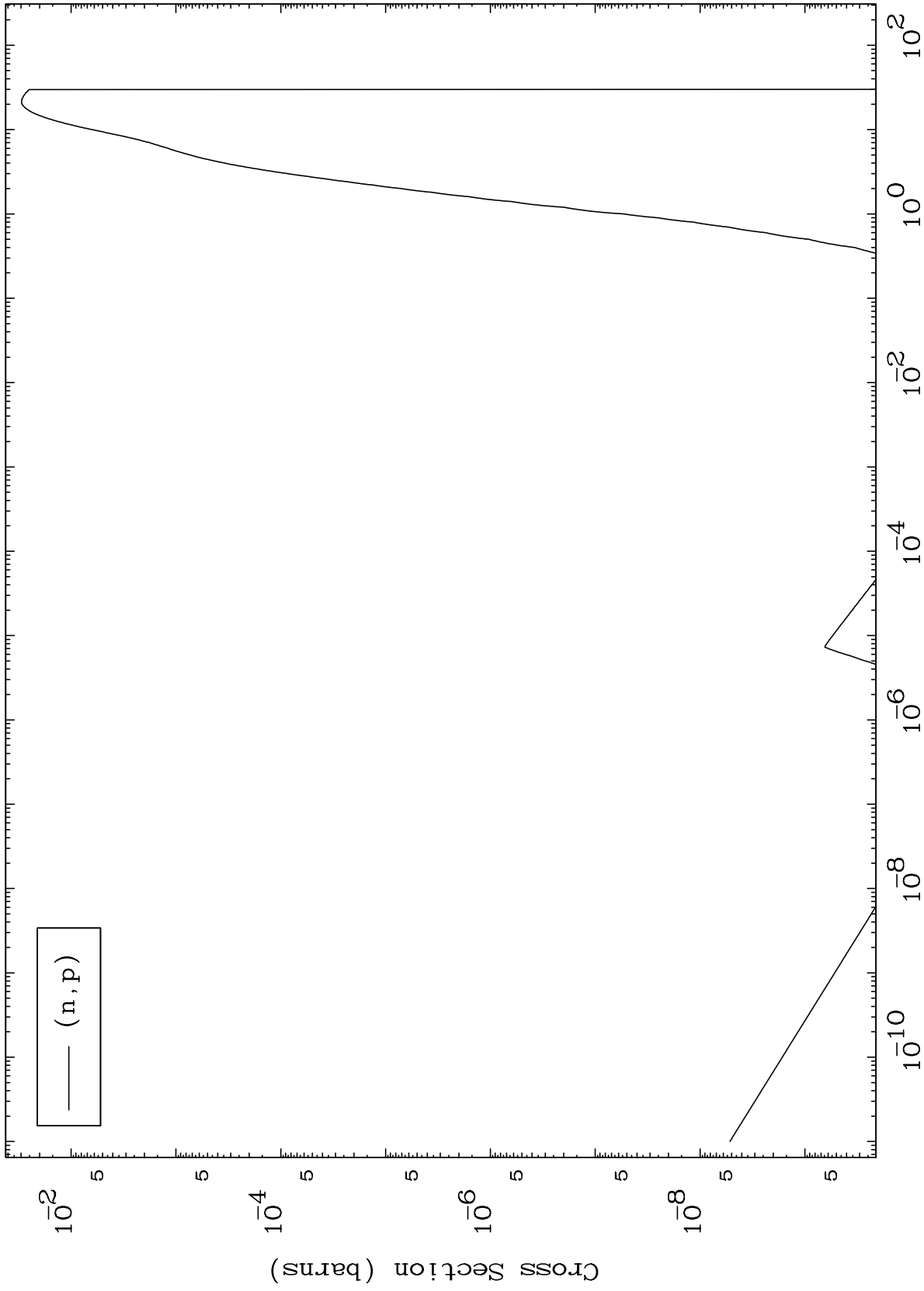
55-Cs-131



MAT 5519

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-131



10

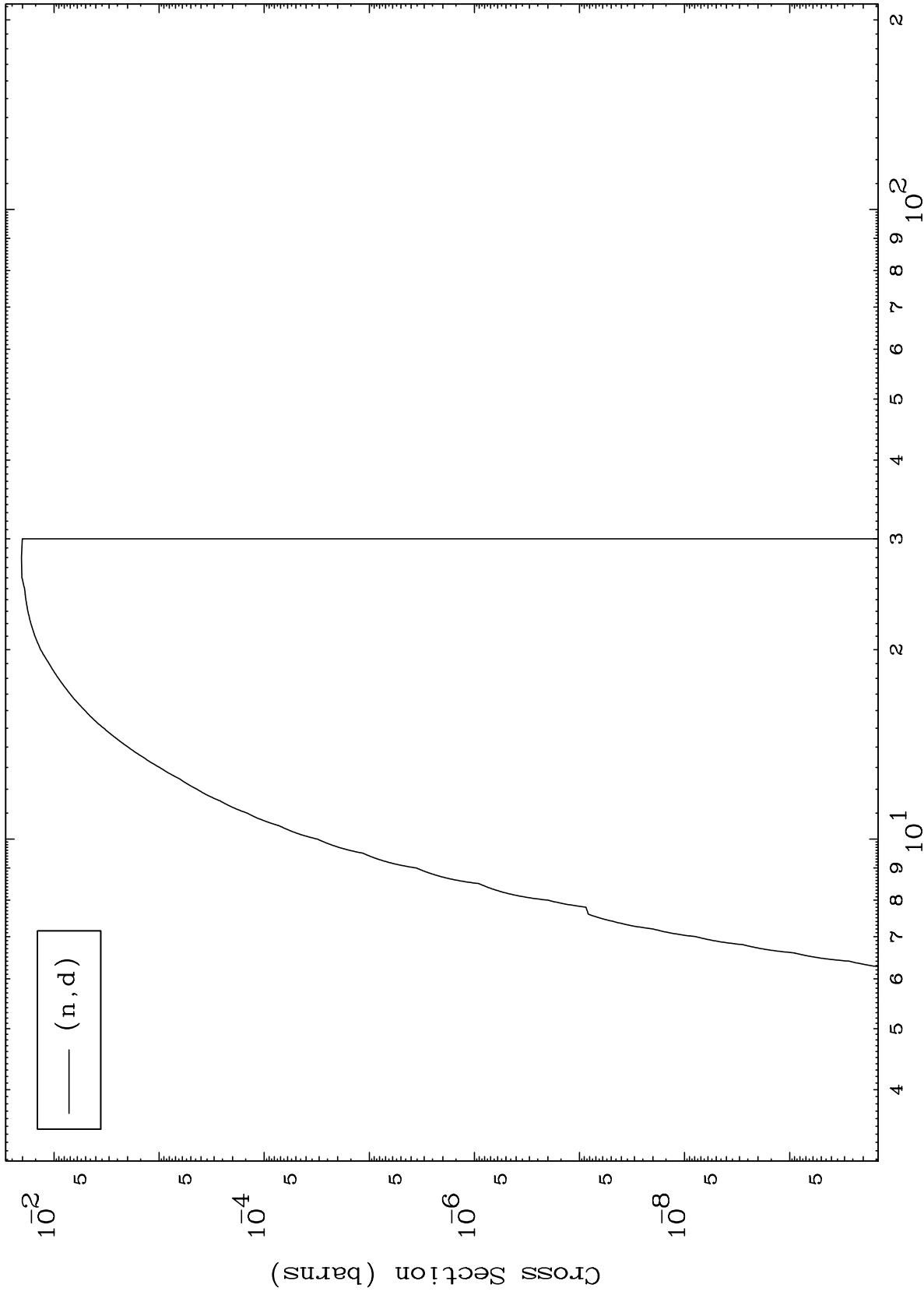
Incident Energy (MeV)

55-Cs-131

MAT 5519

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-131



11

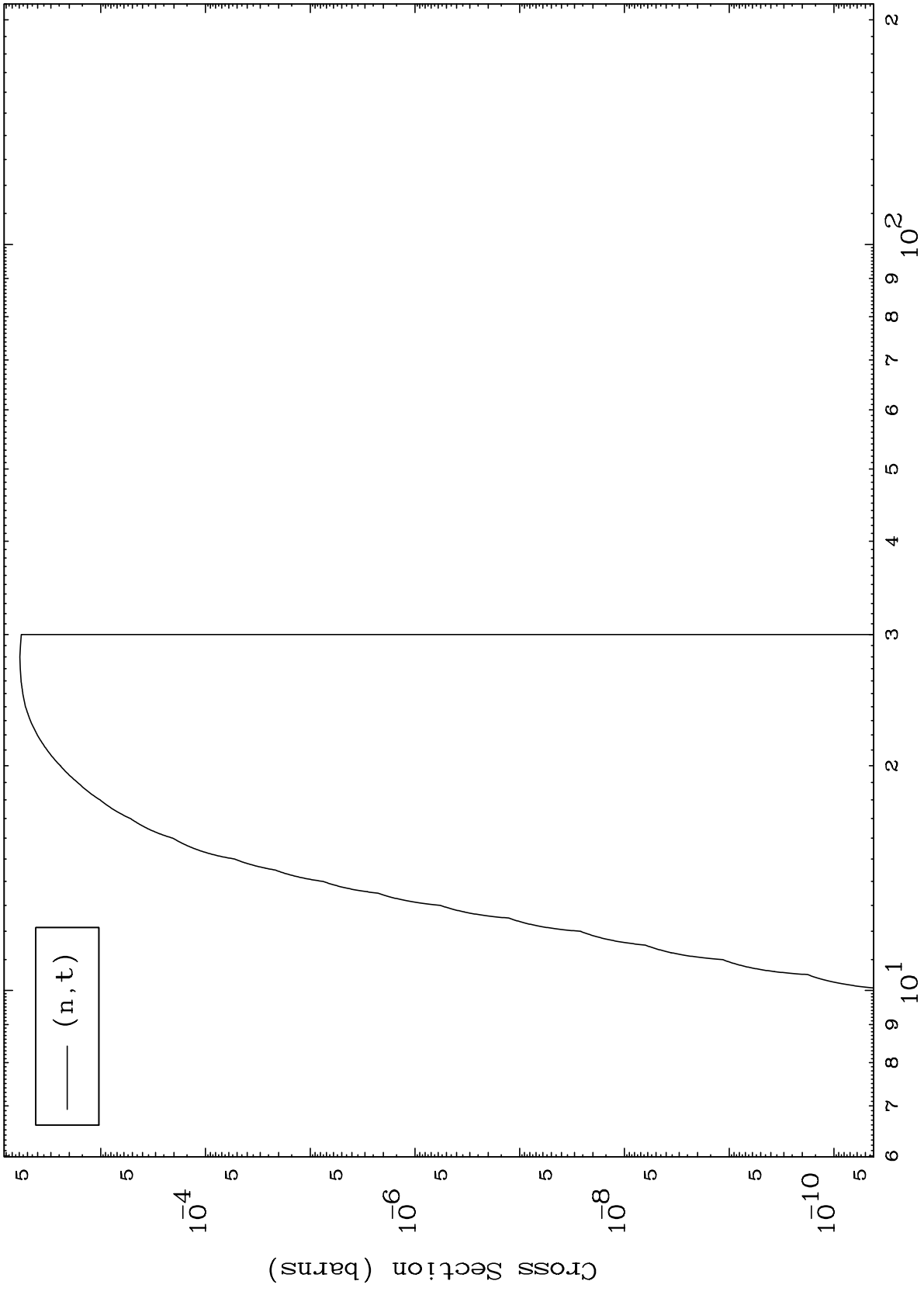
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55-Cs-131

MAT 5519

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-131



12

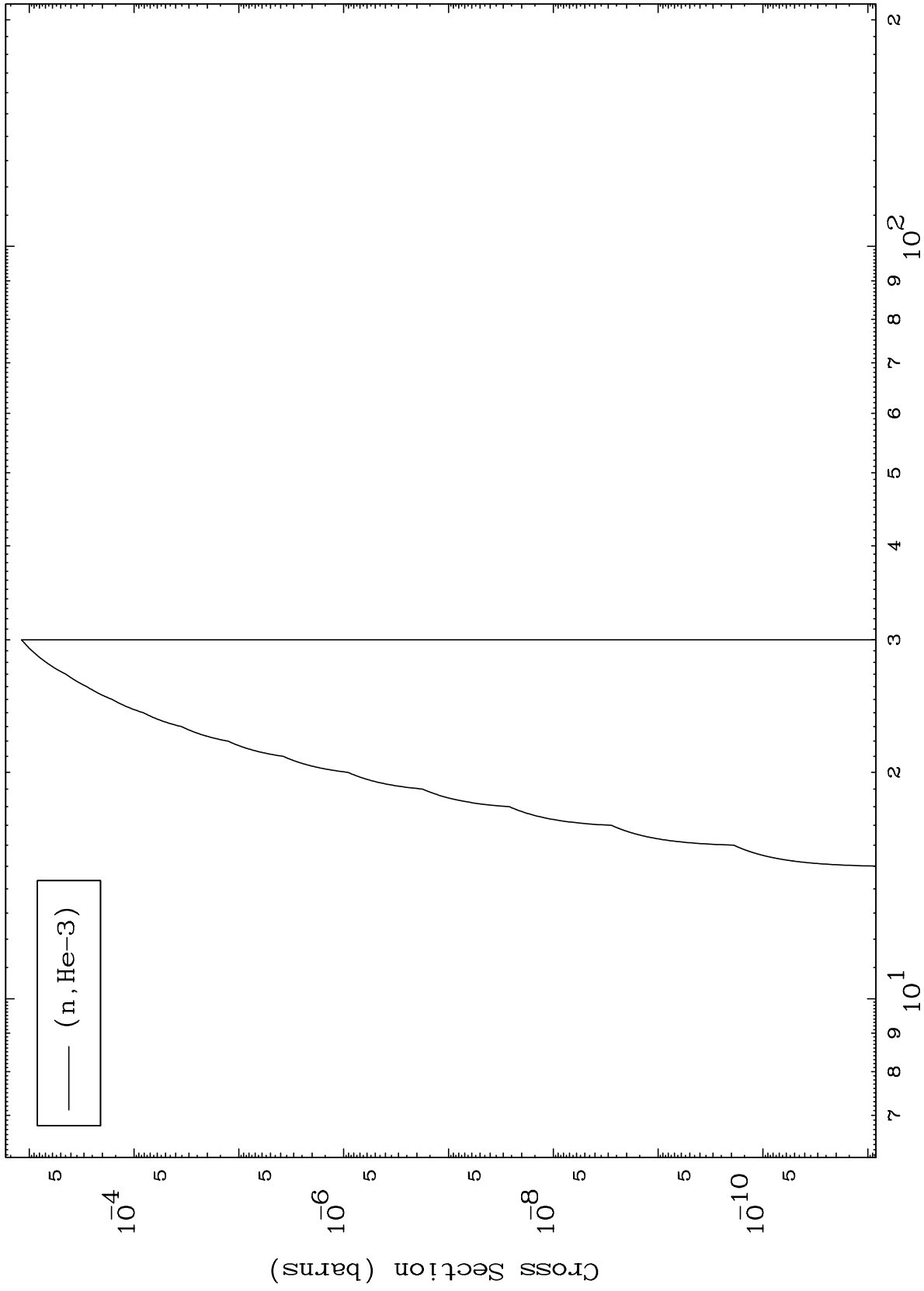
Incident Energy (MeV)

55-Cs-131

MAT 5519

55-Cs-131

(n,He3) Levels
293 Kelvin Cross Sections



13

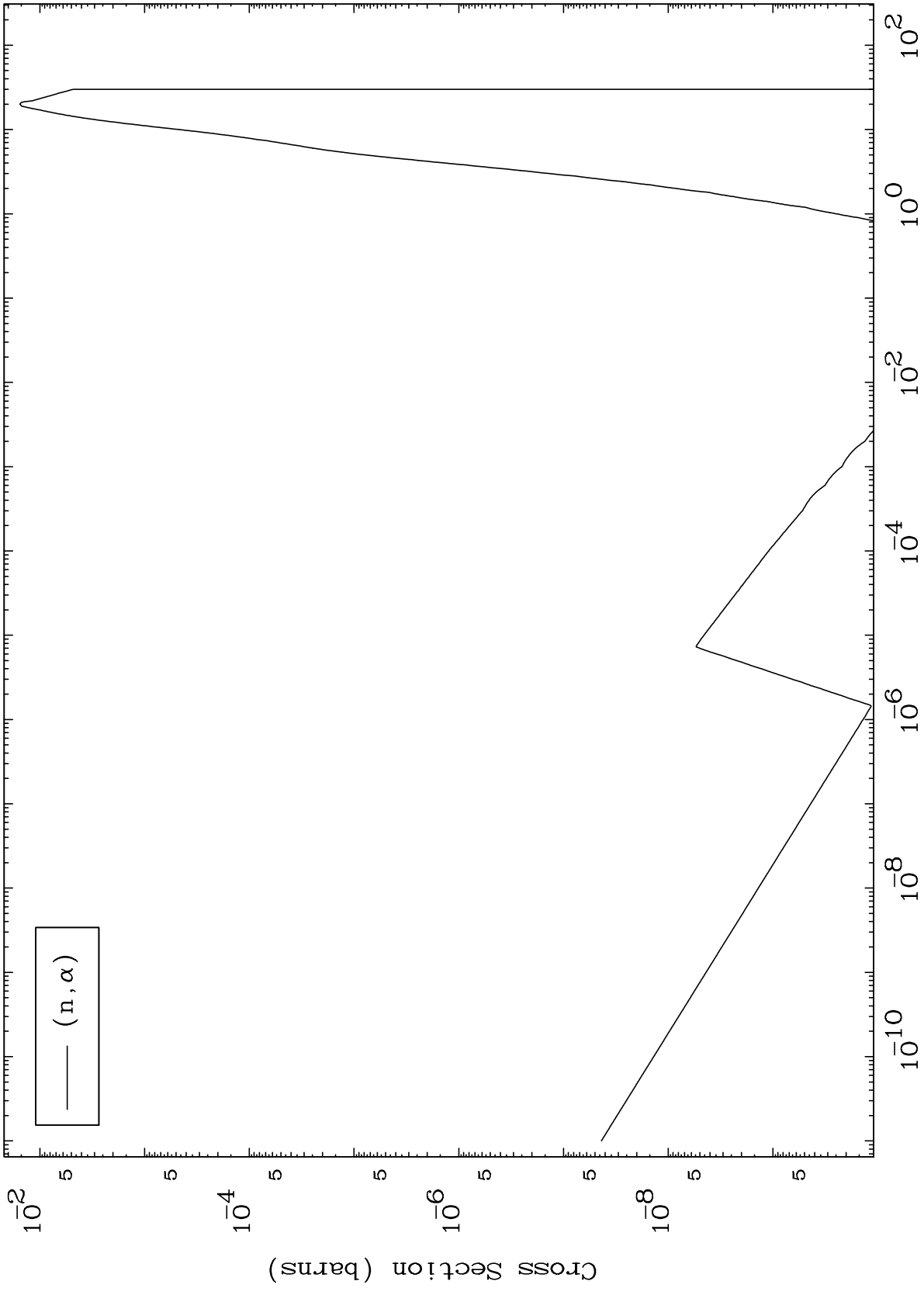
Incident Energy (MeV)

55-Cs-131

MAT 5519

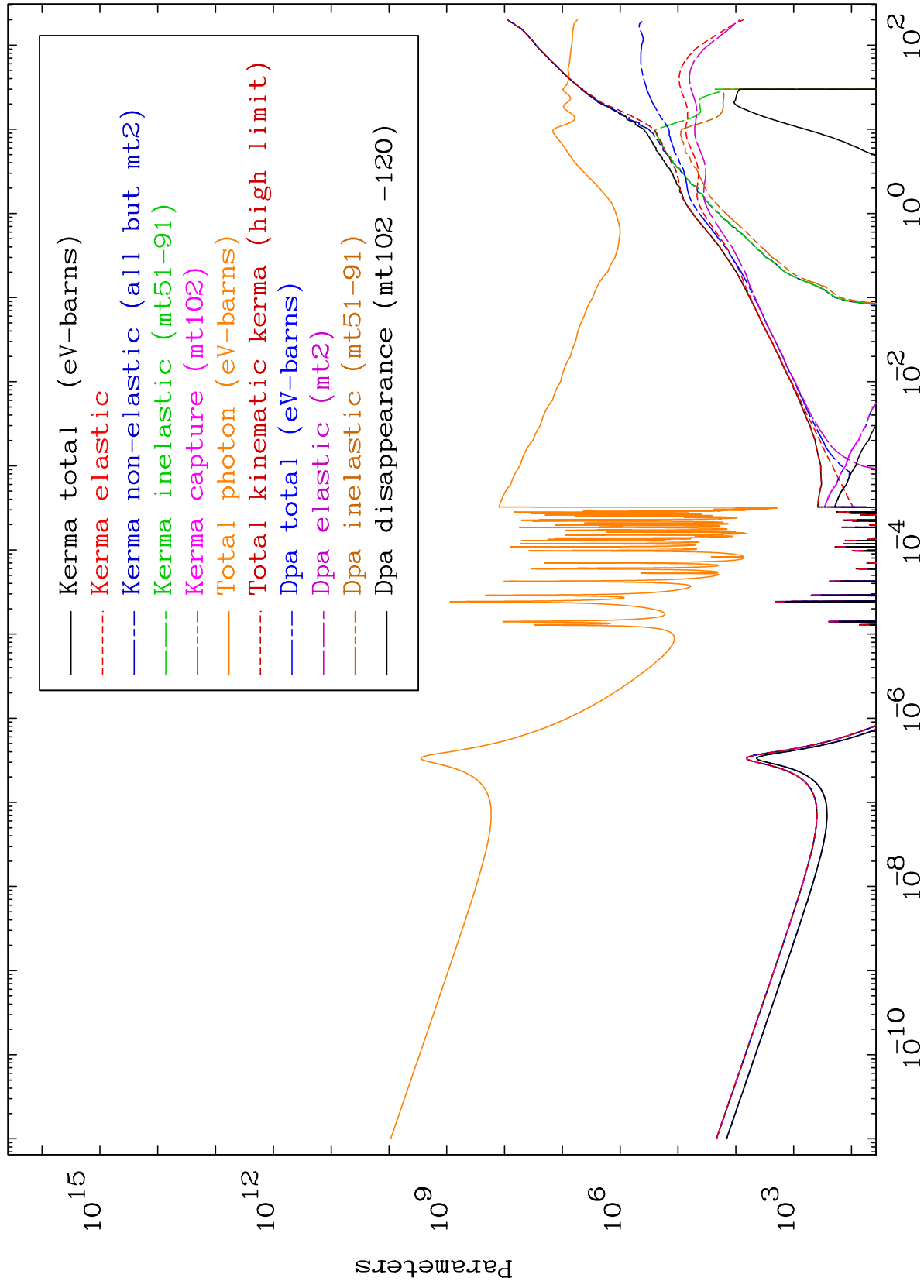
(n,α) Levels
293 Kelvin Cross Sections

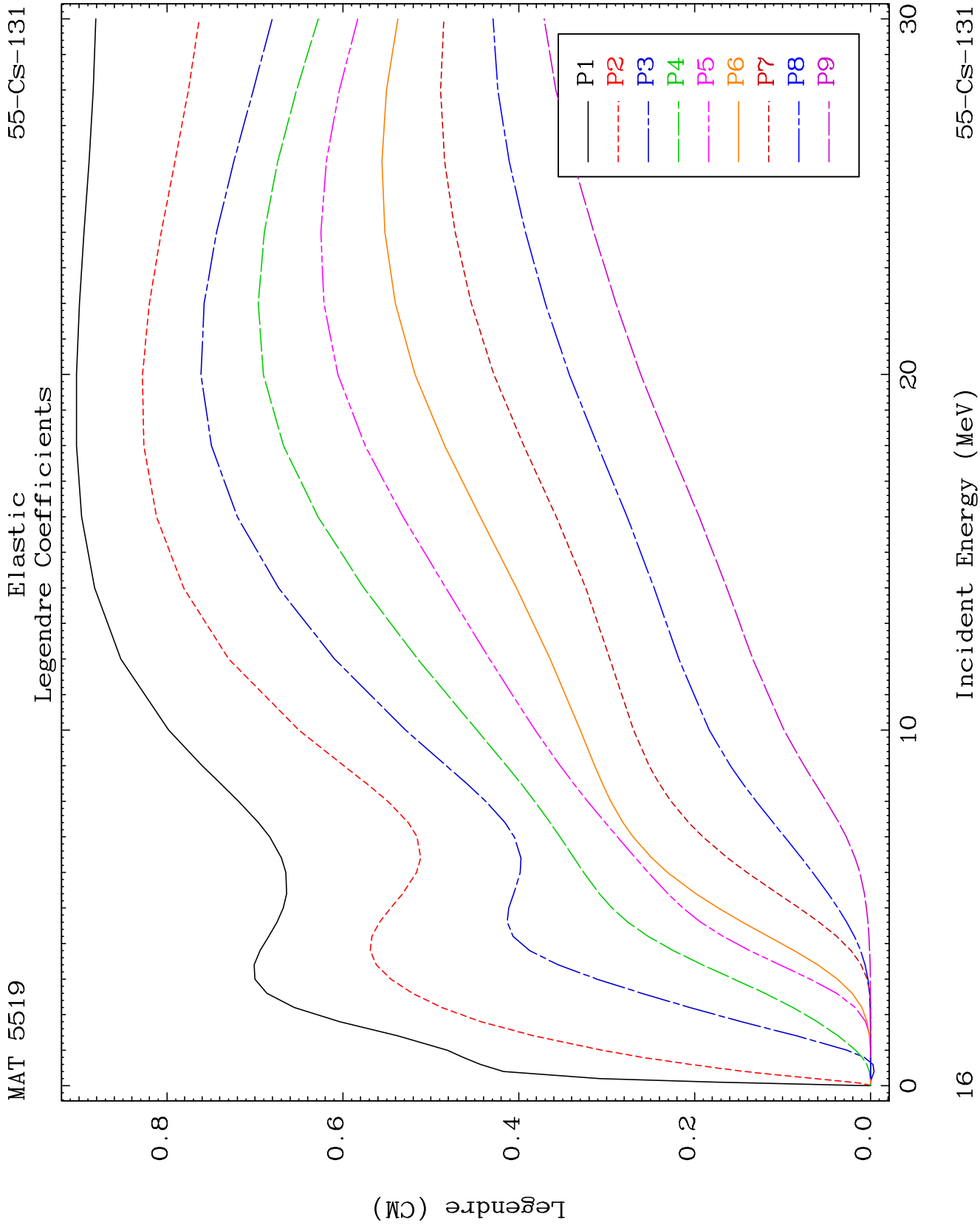
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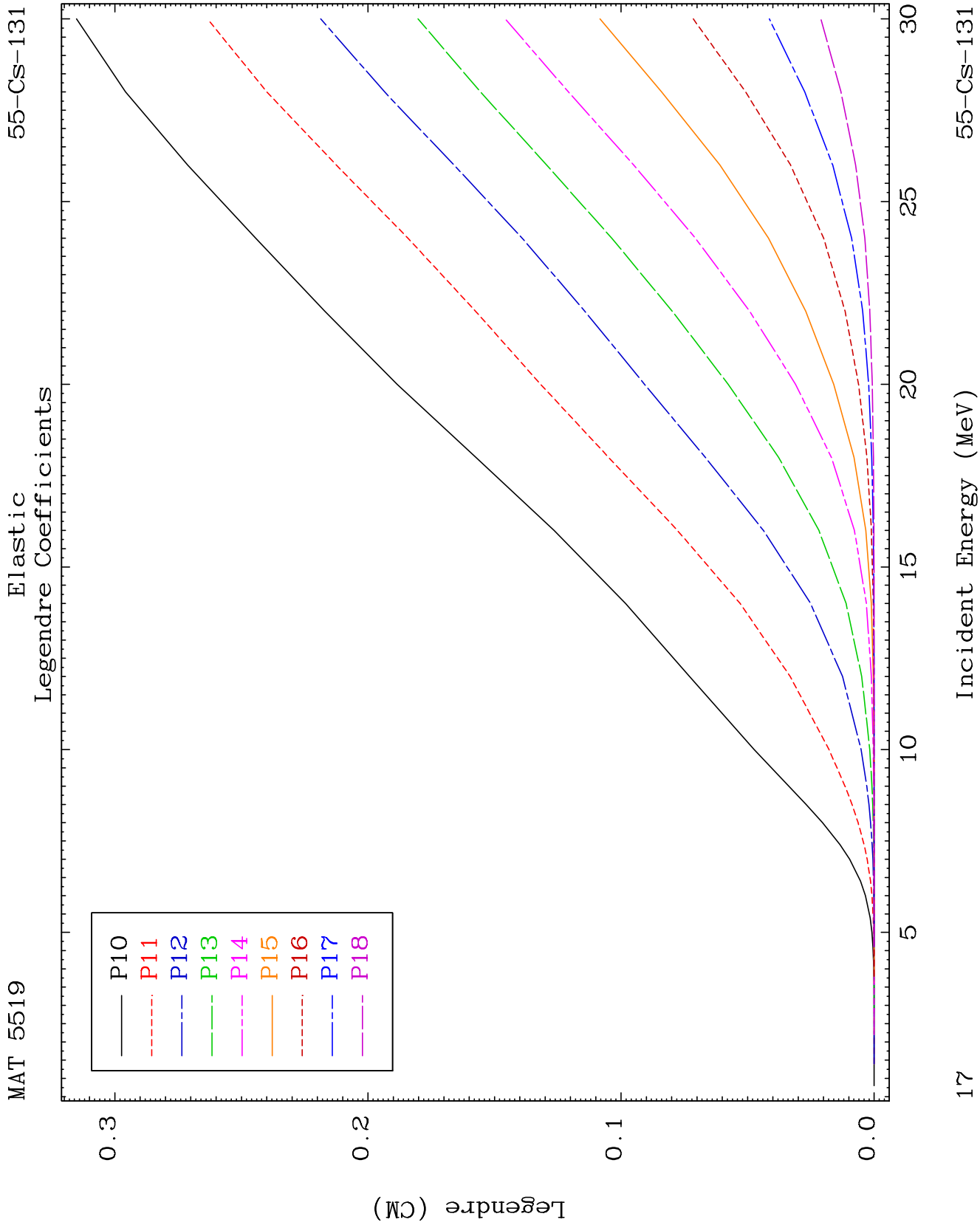


(n,α)

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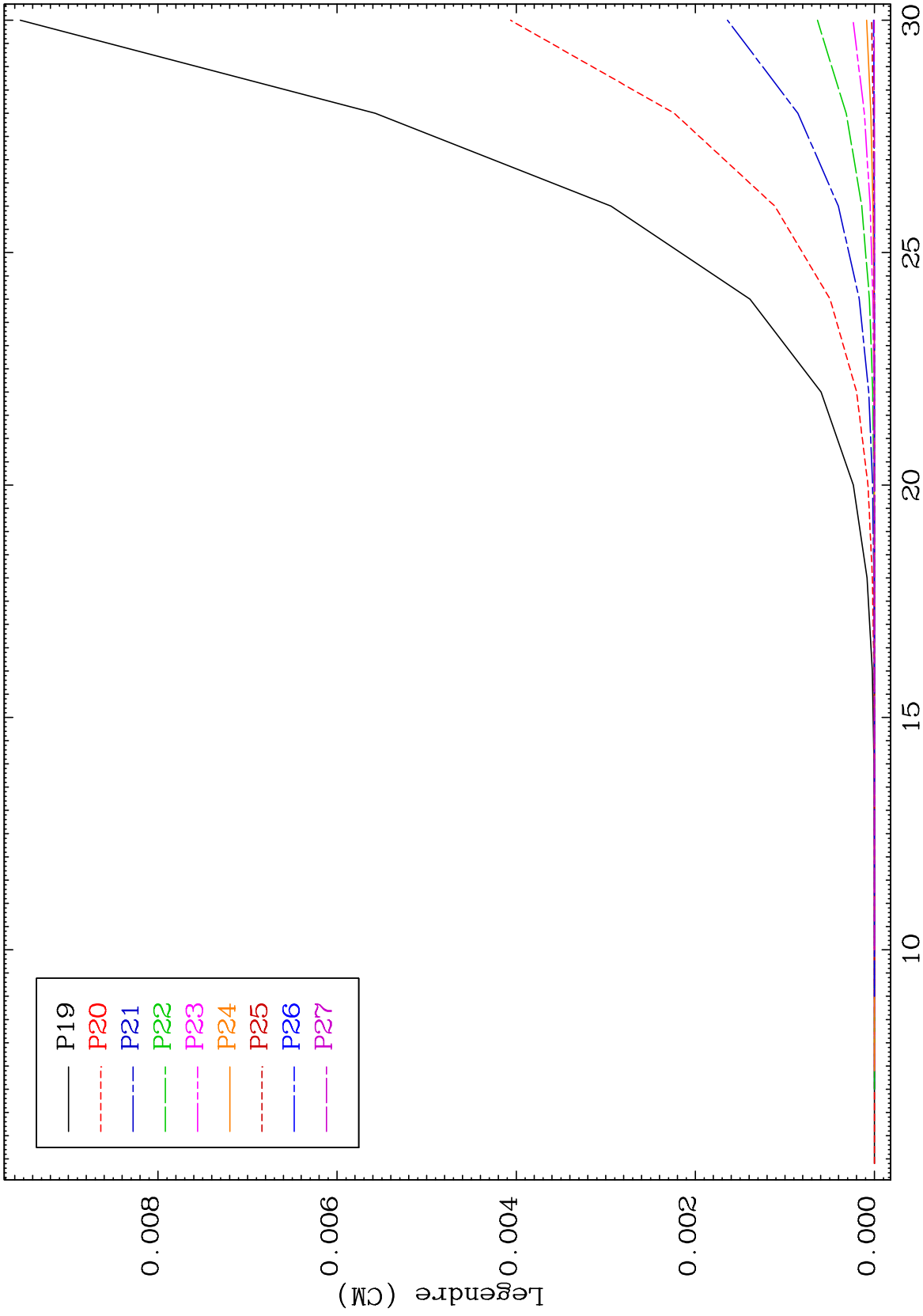




MAT 5519

Elastic Legendre Coefficients

55-Cs-131



18

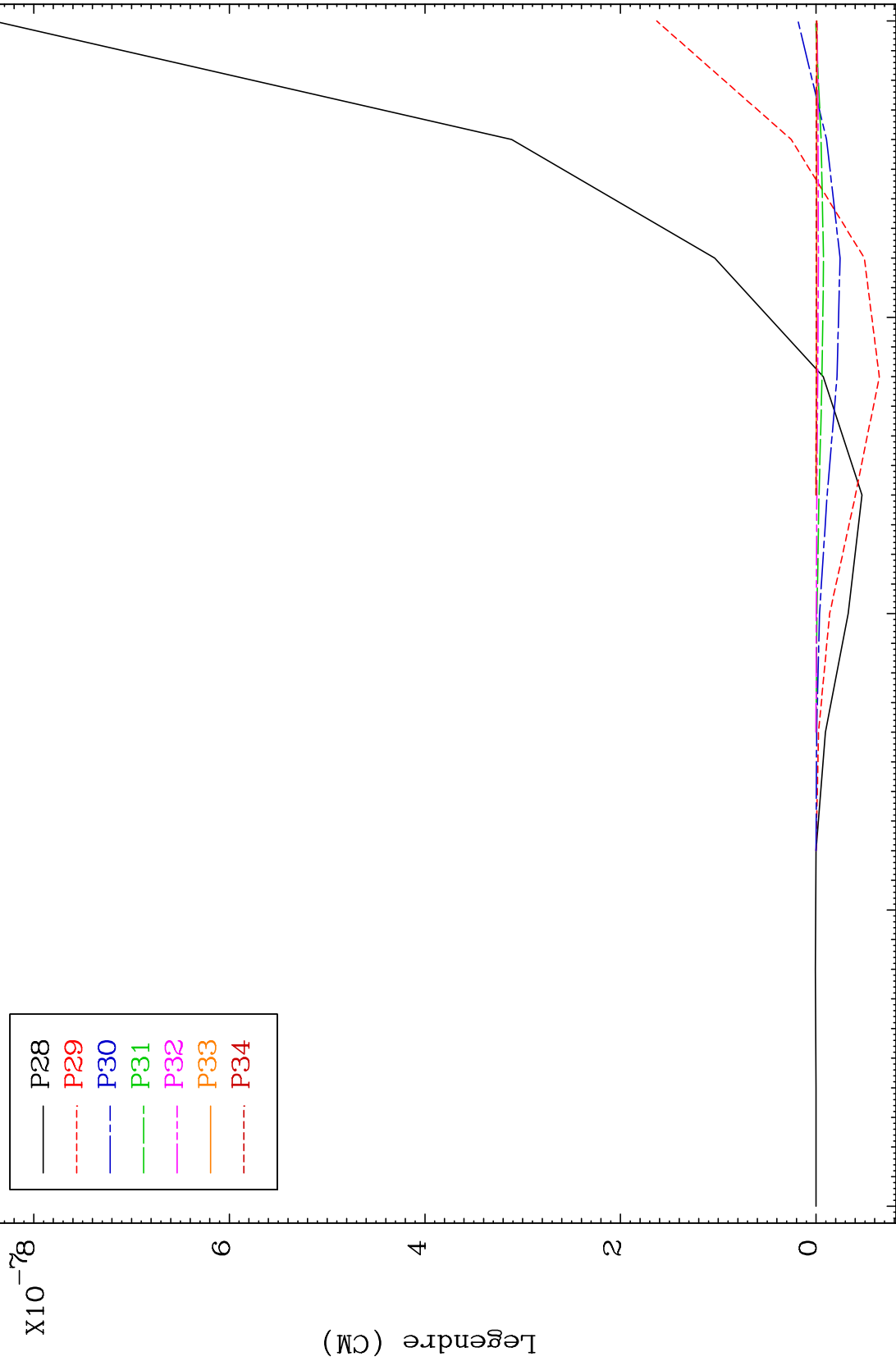
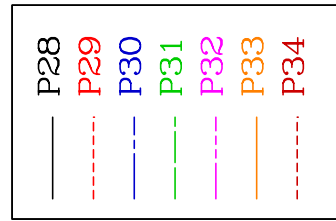
Incident Energy (MeV)

55-Cs-131

MAT 5519

Elastic Legendre Coefficients

55-Cs-131



19

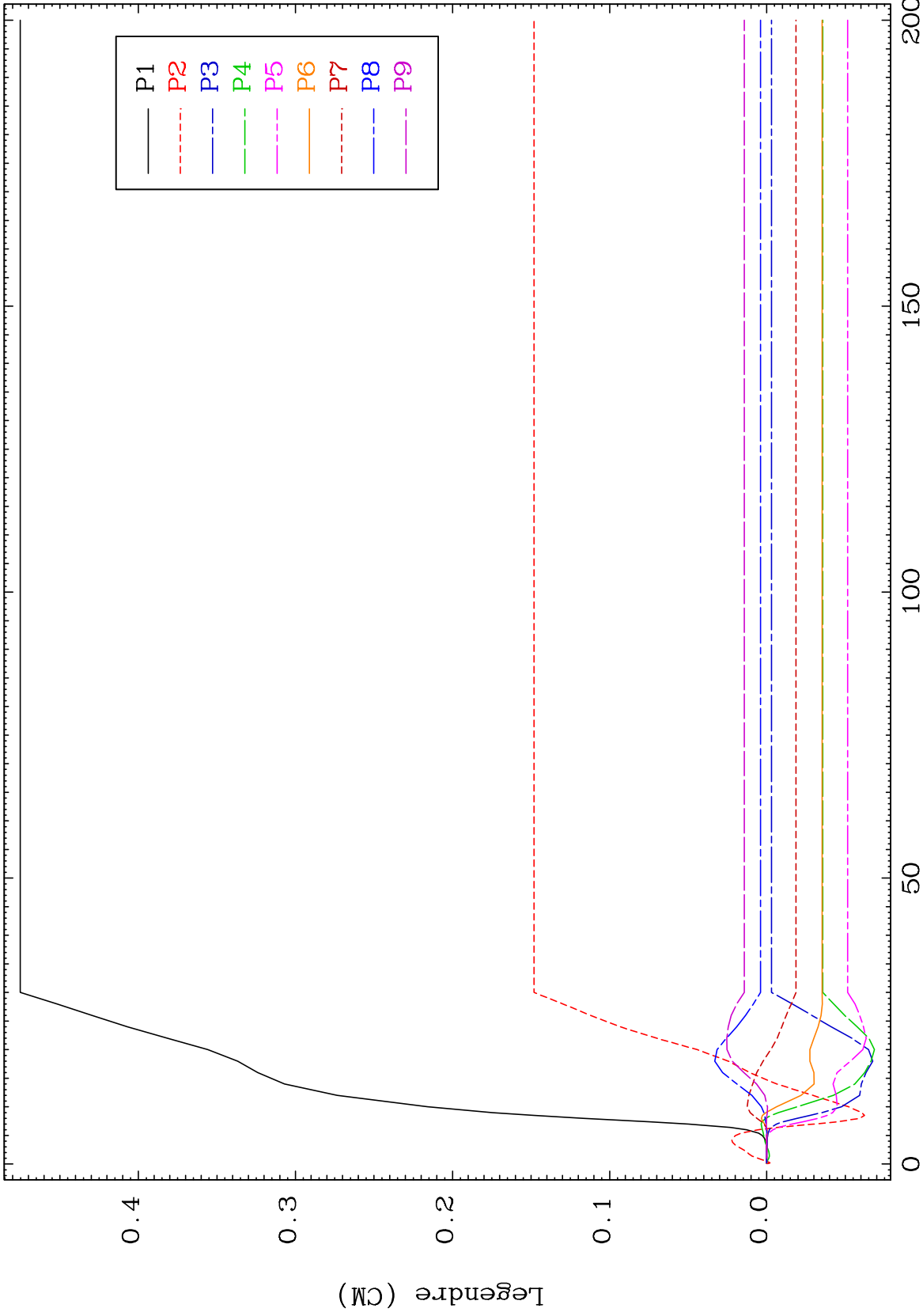
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



55-Cs-131

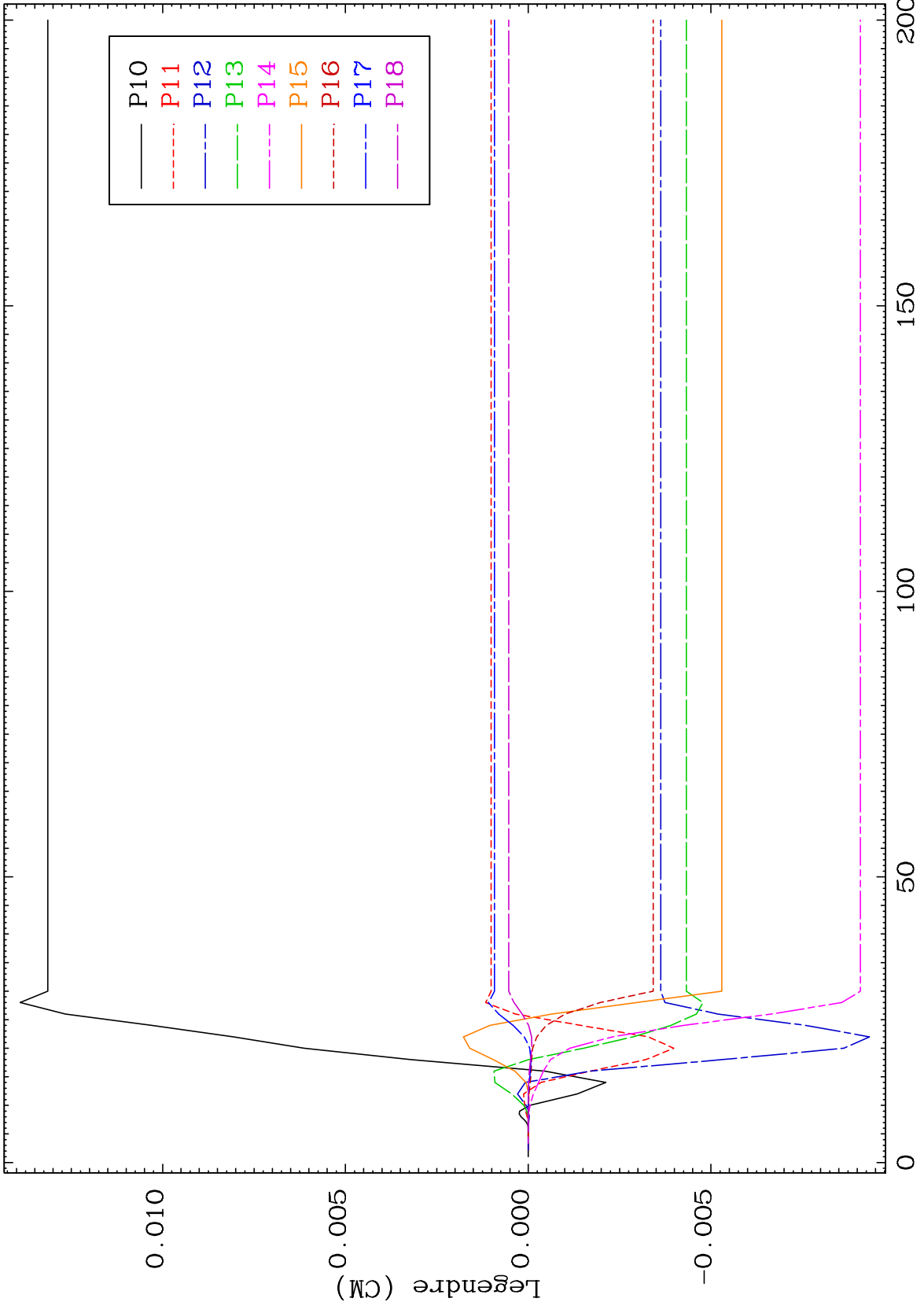
Incident Energy (MeV)

20

MAT 5519

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

55-Cs-131



21

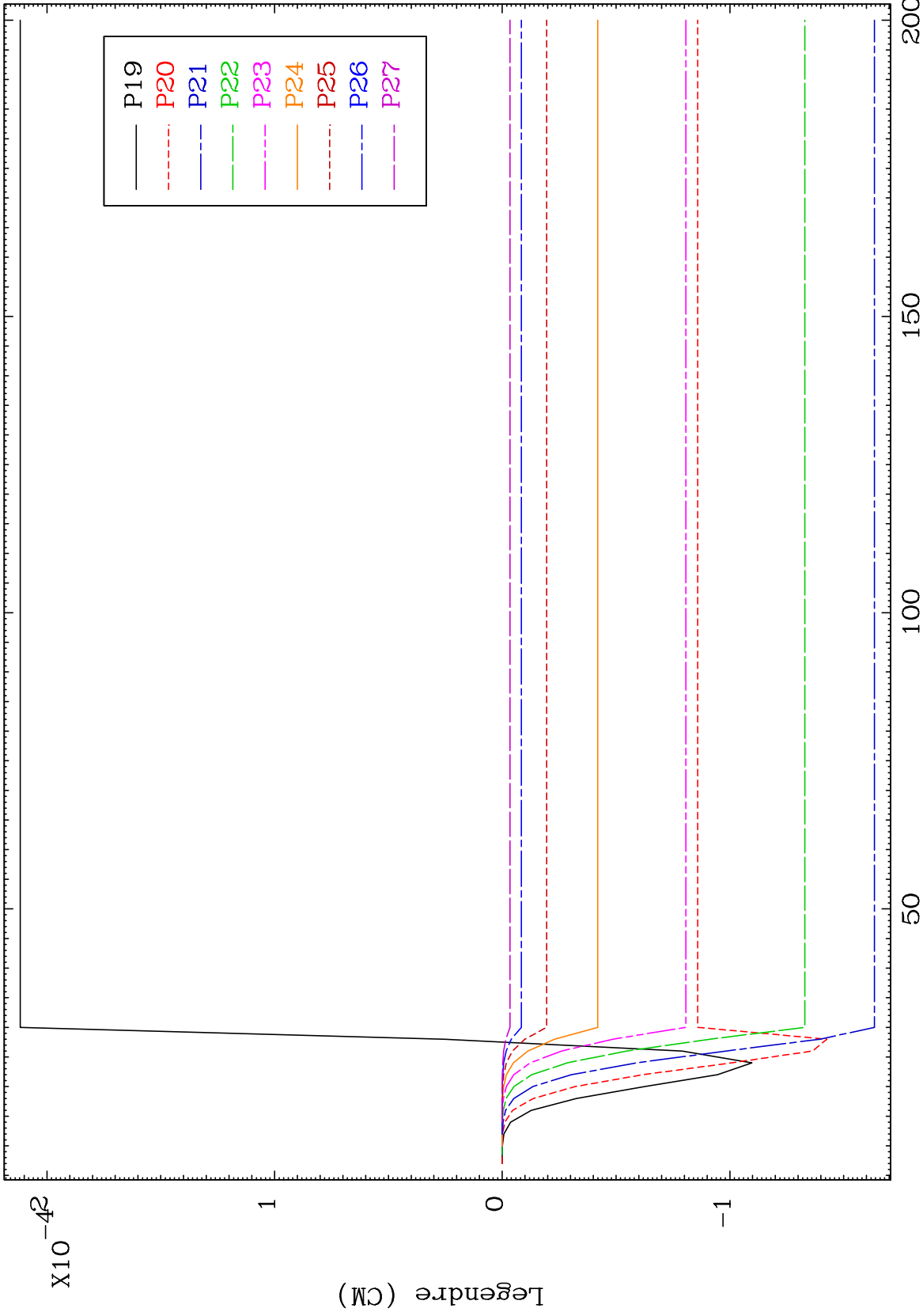
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

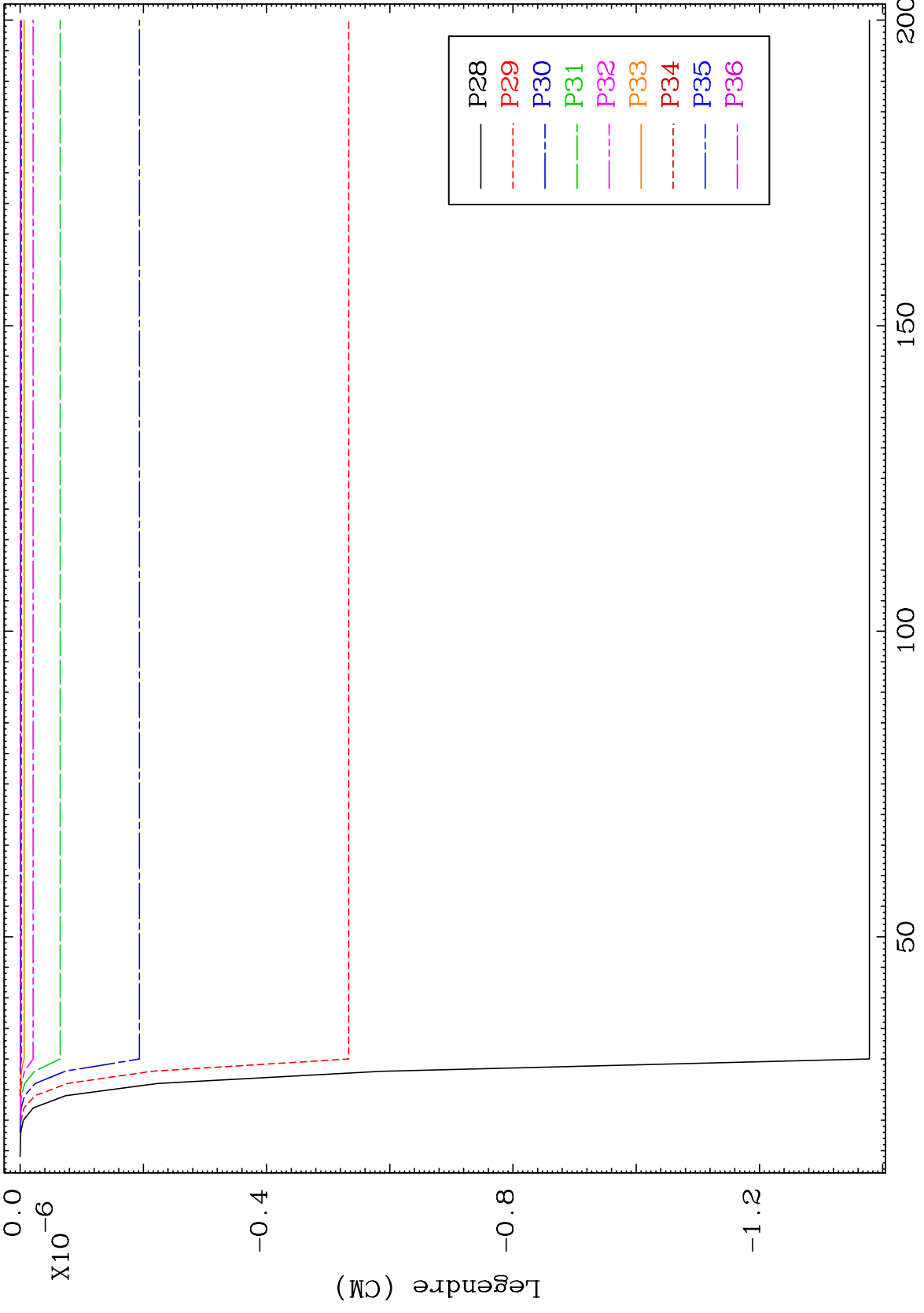
55-Cs-131



22

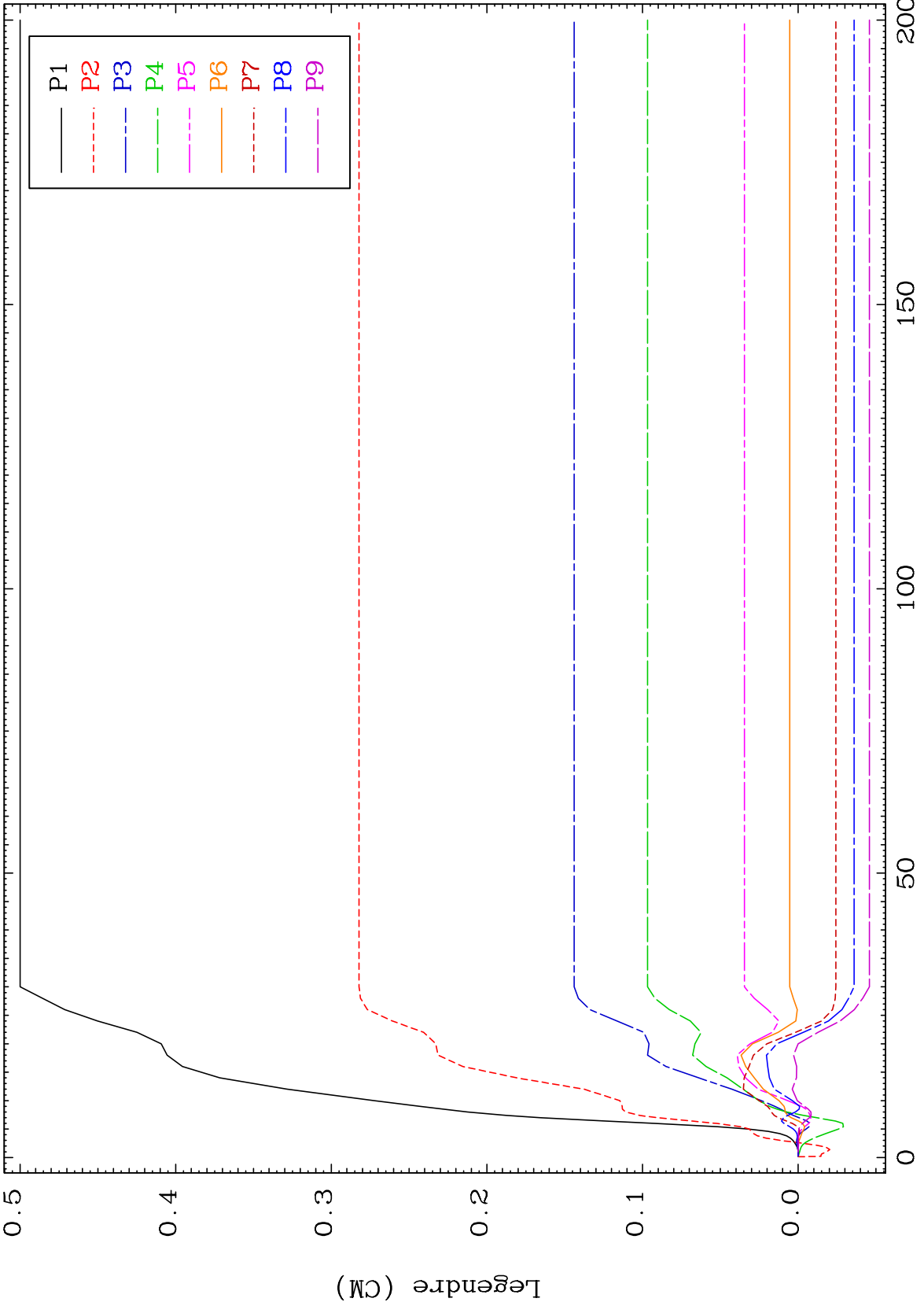
55-Cs-131

MAT 5519 MT= 51 (n,n') Level Legendre Coefficients 55-Cs-131



55-Cs-131

MAT 5519 MT= 52 (n,n') Level Legendre Coefficients 55-Cs-131

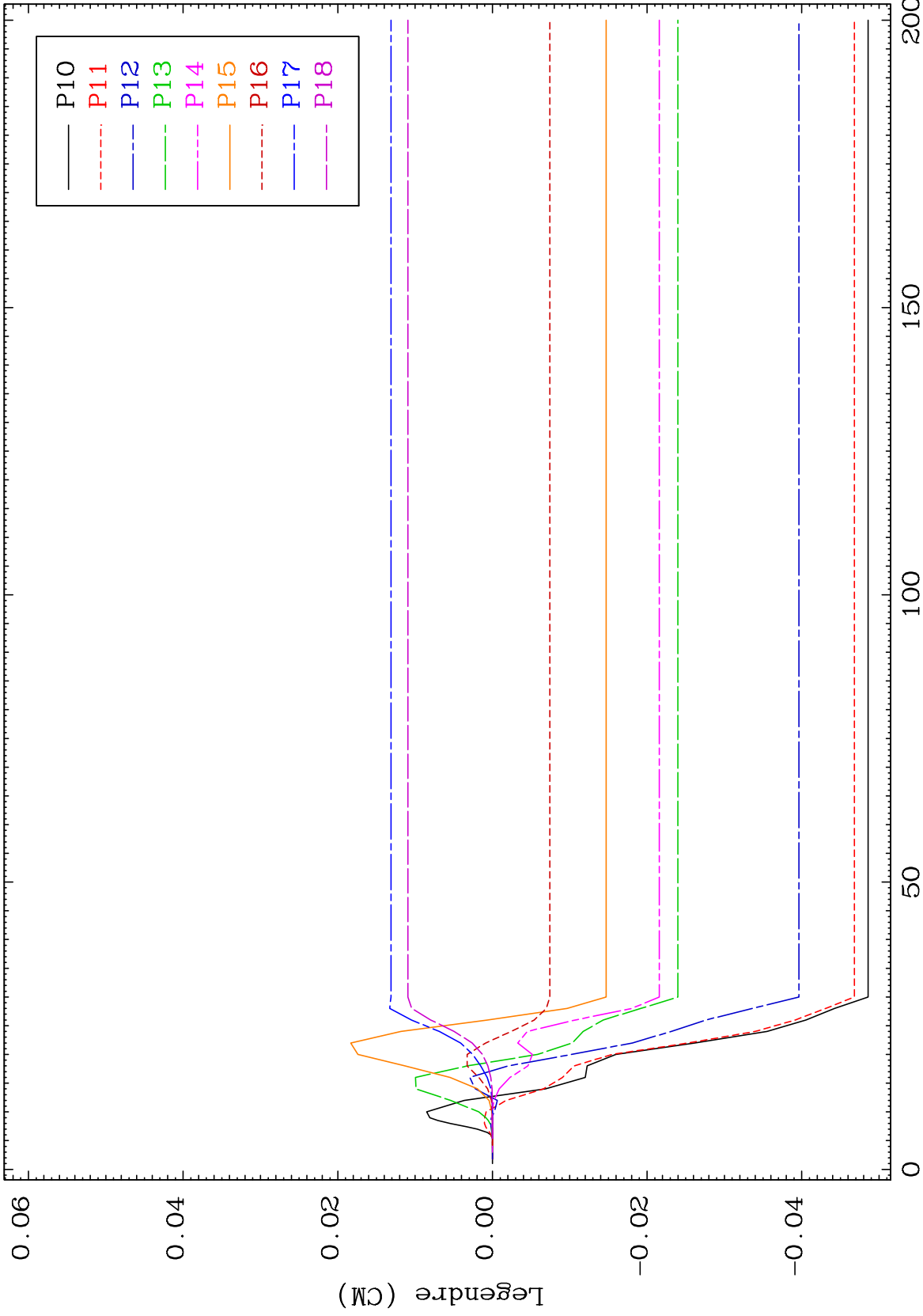


24 55-Cs-131

MAT 5519

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

55-Cs-131



25

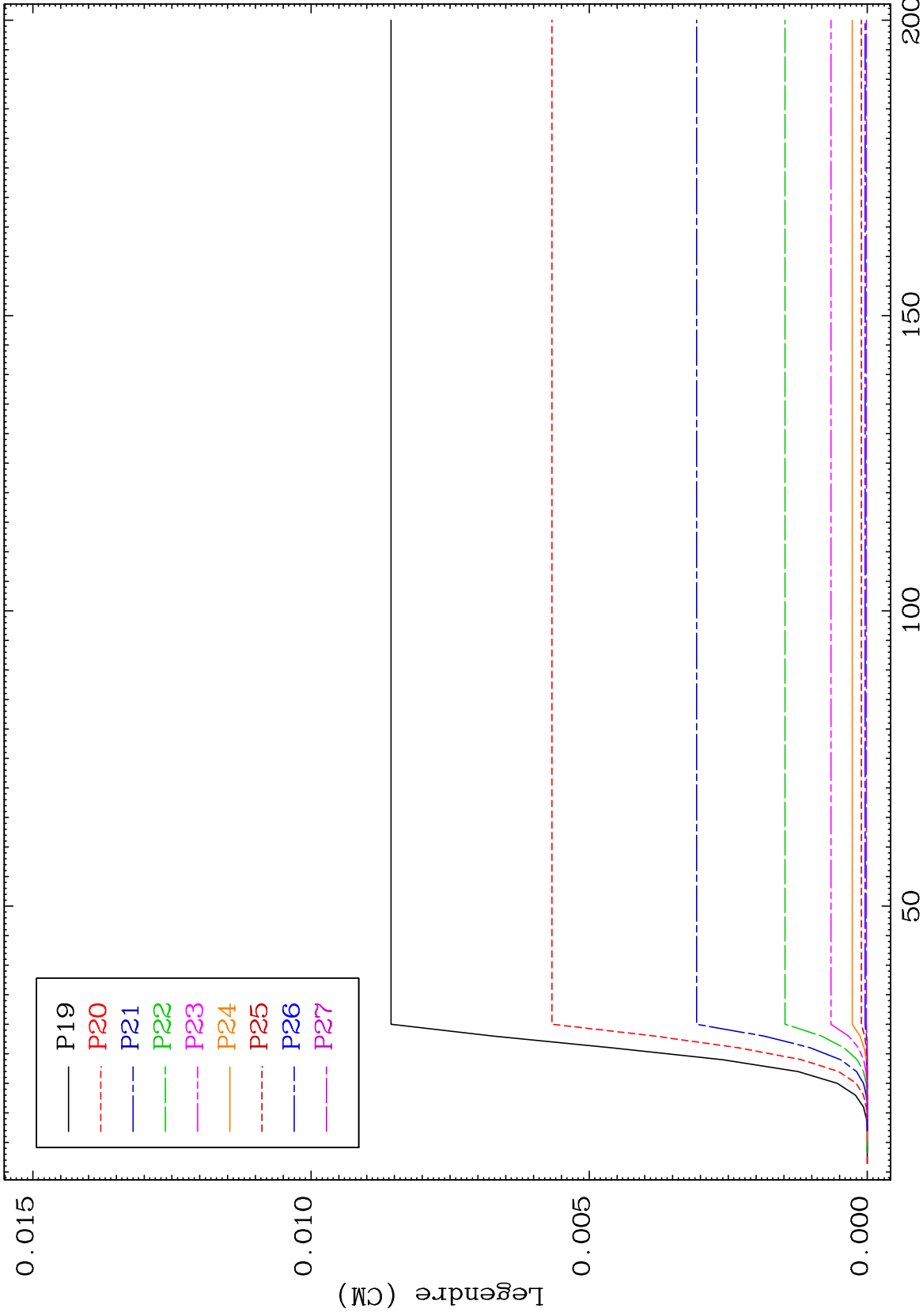
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



26

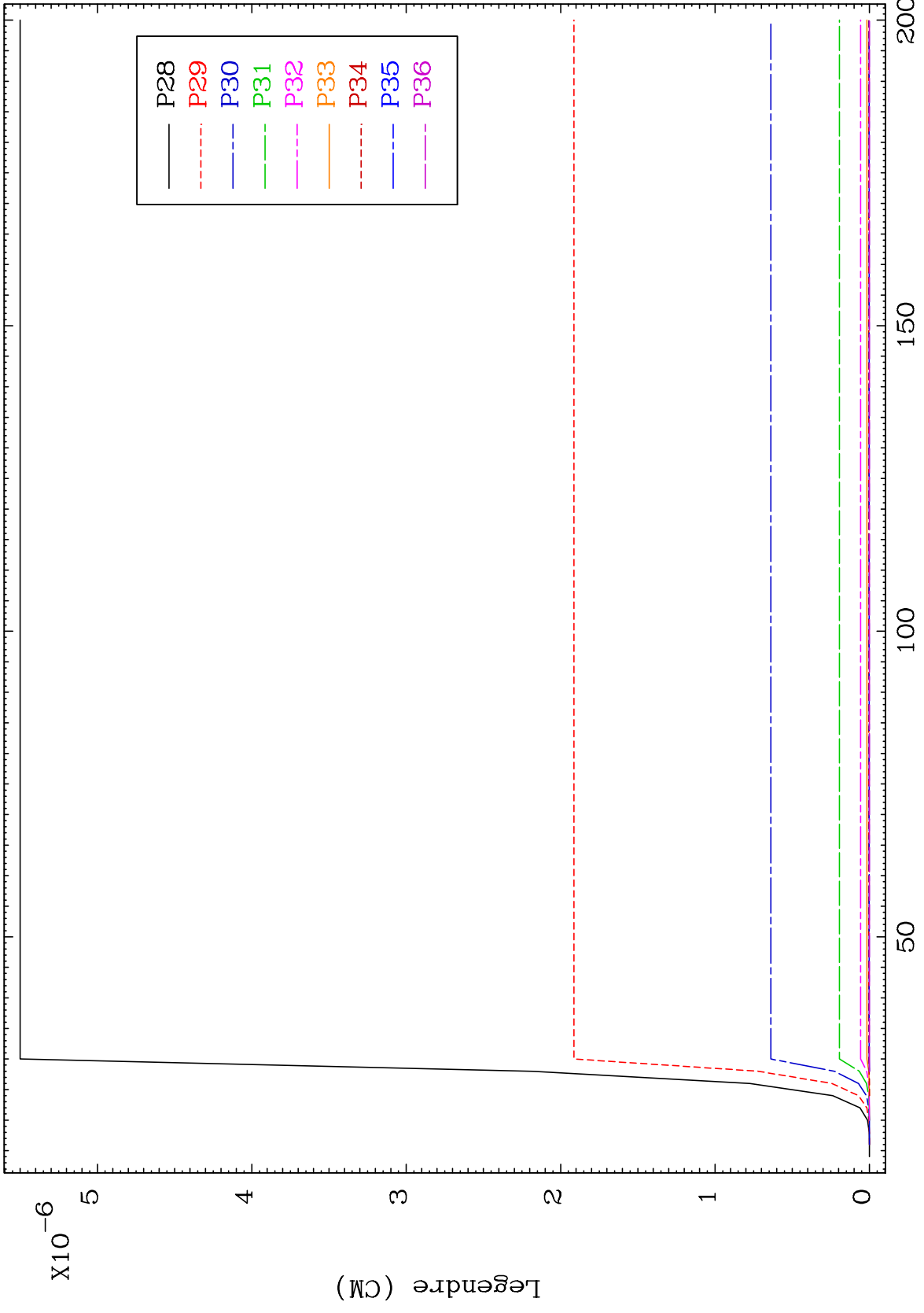
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



27

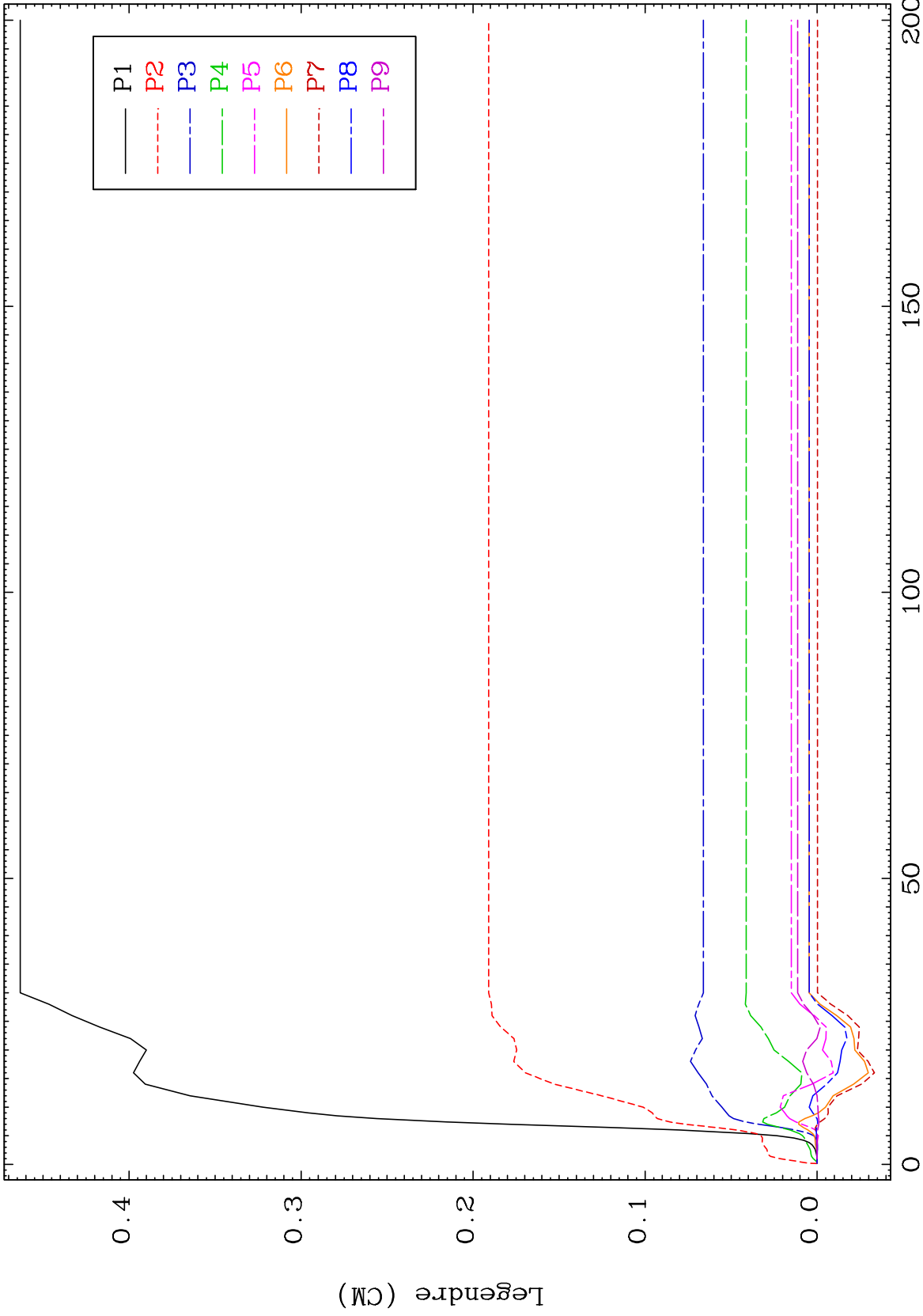
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



28

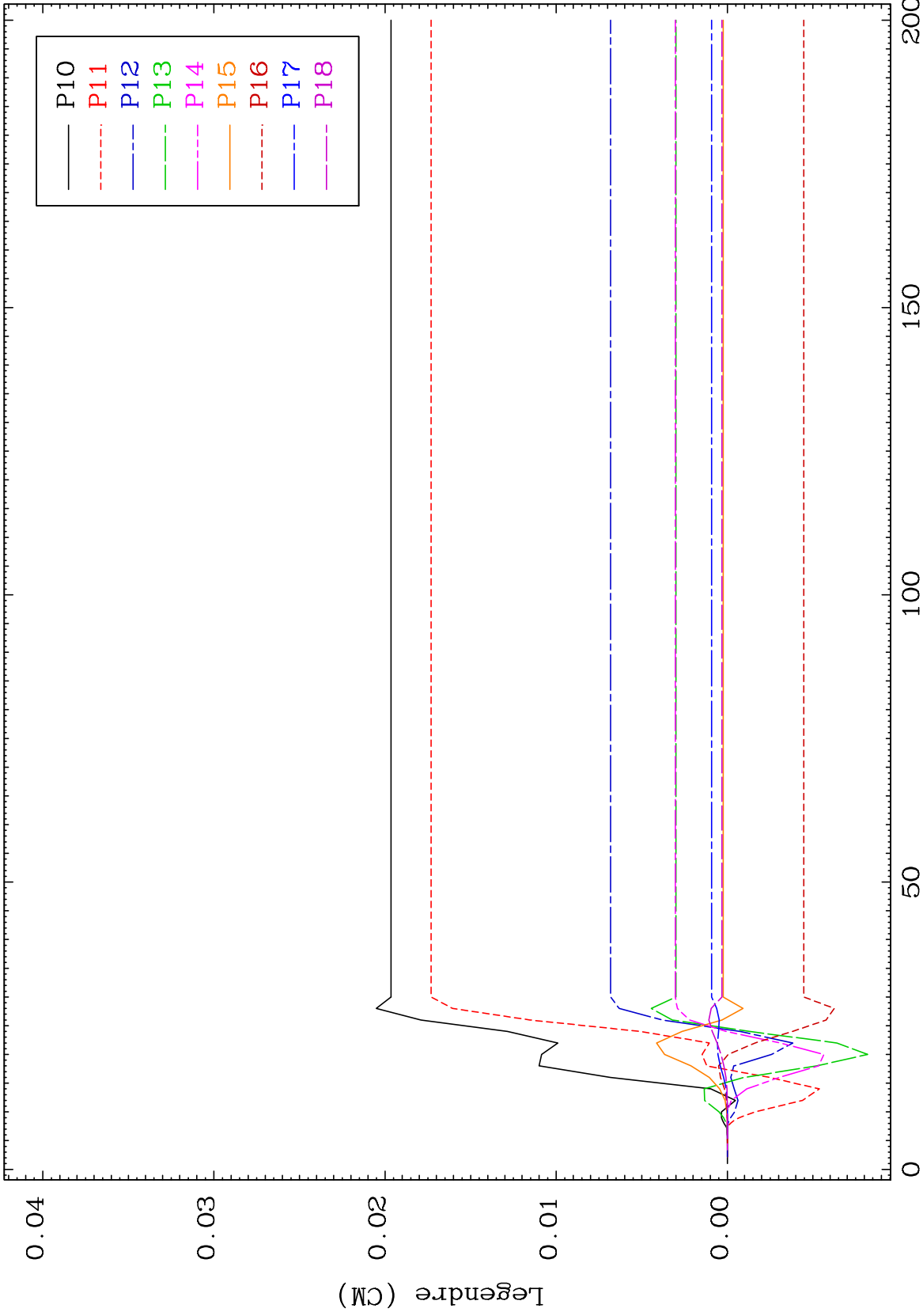
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



29

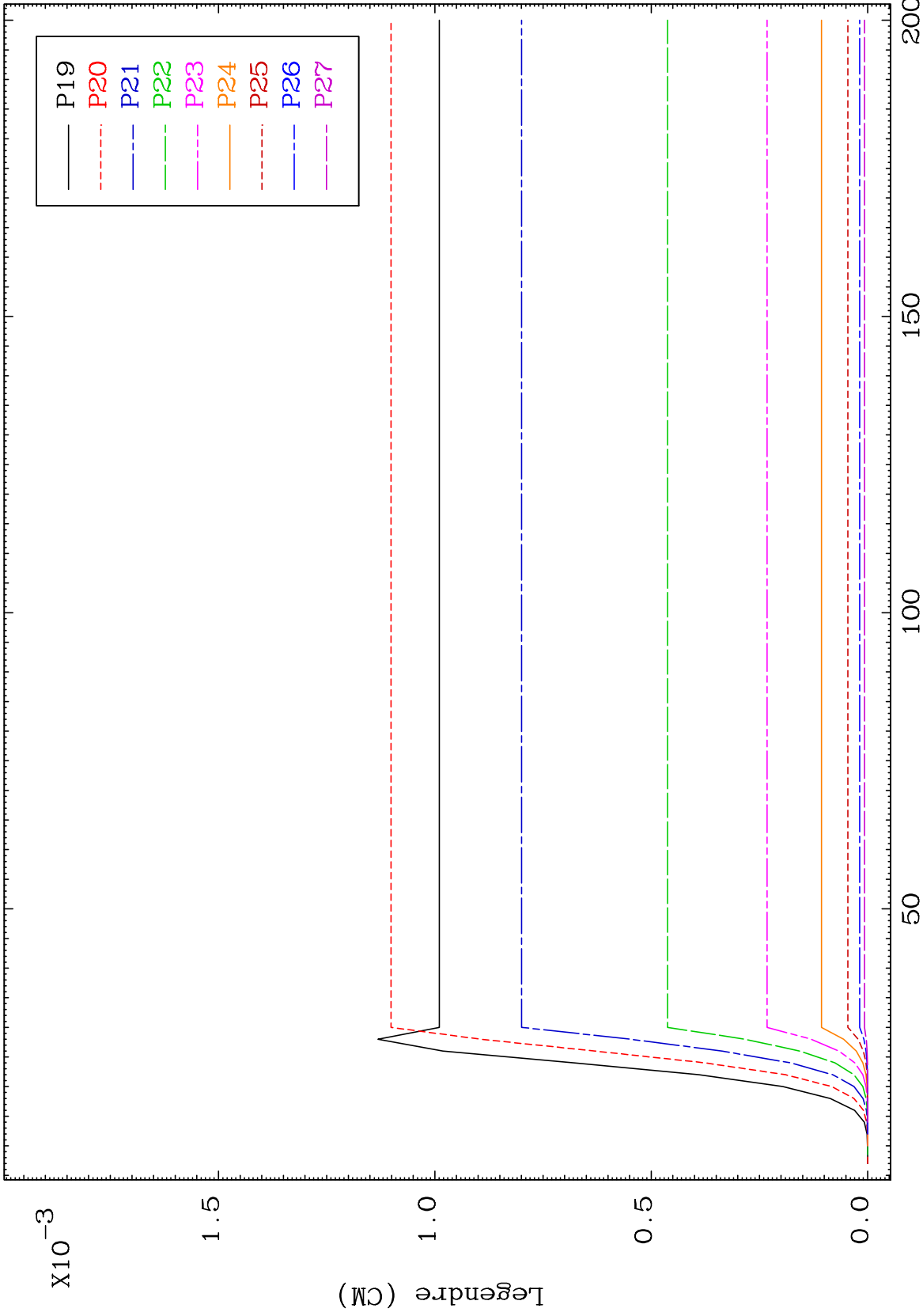
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



30

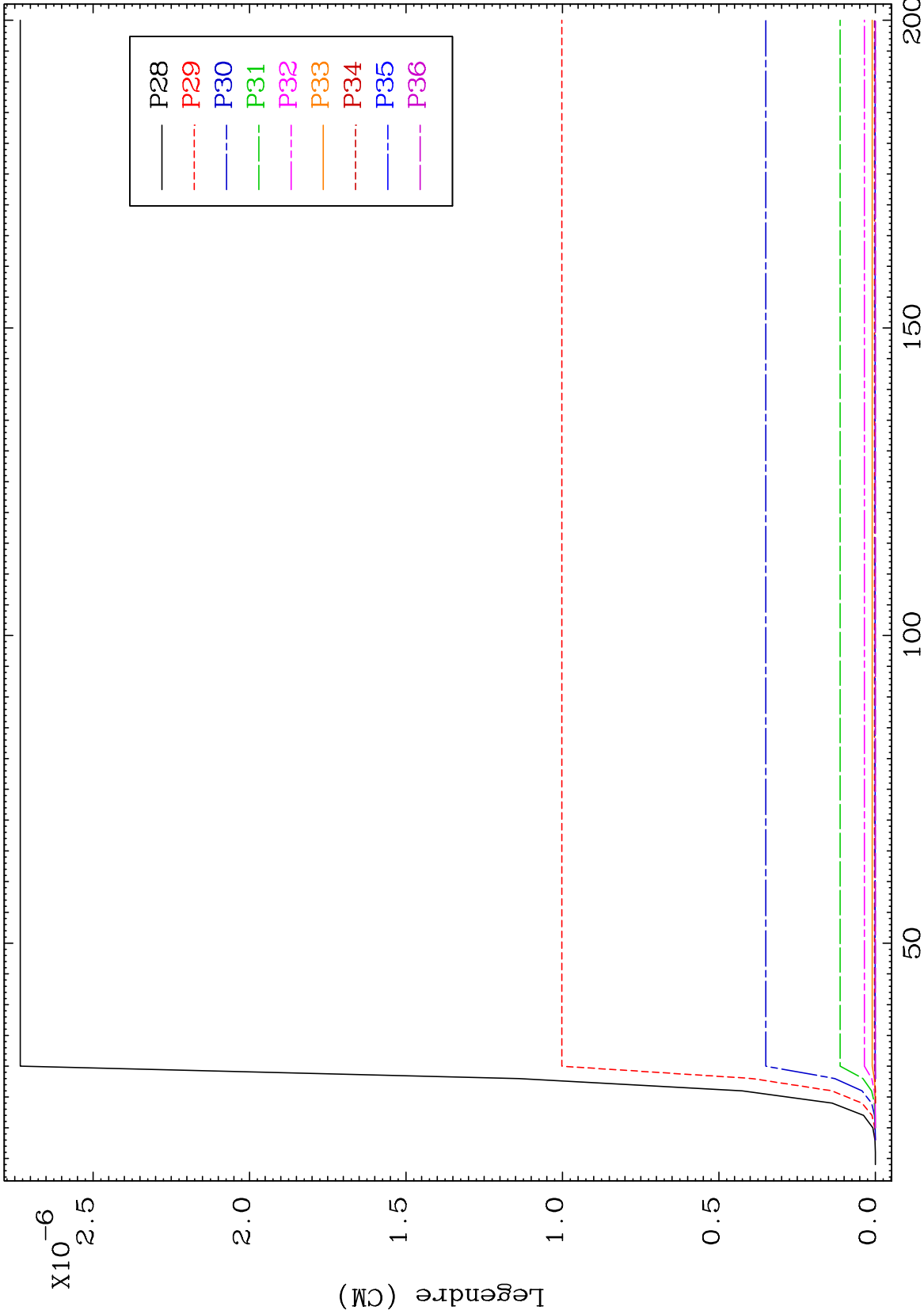
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131

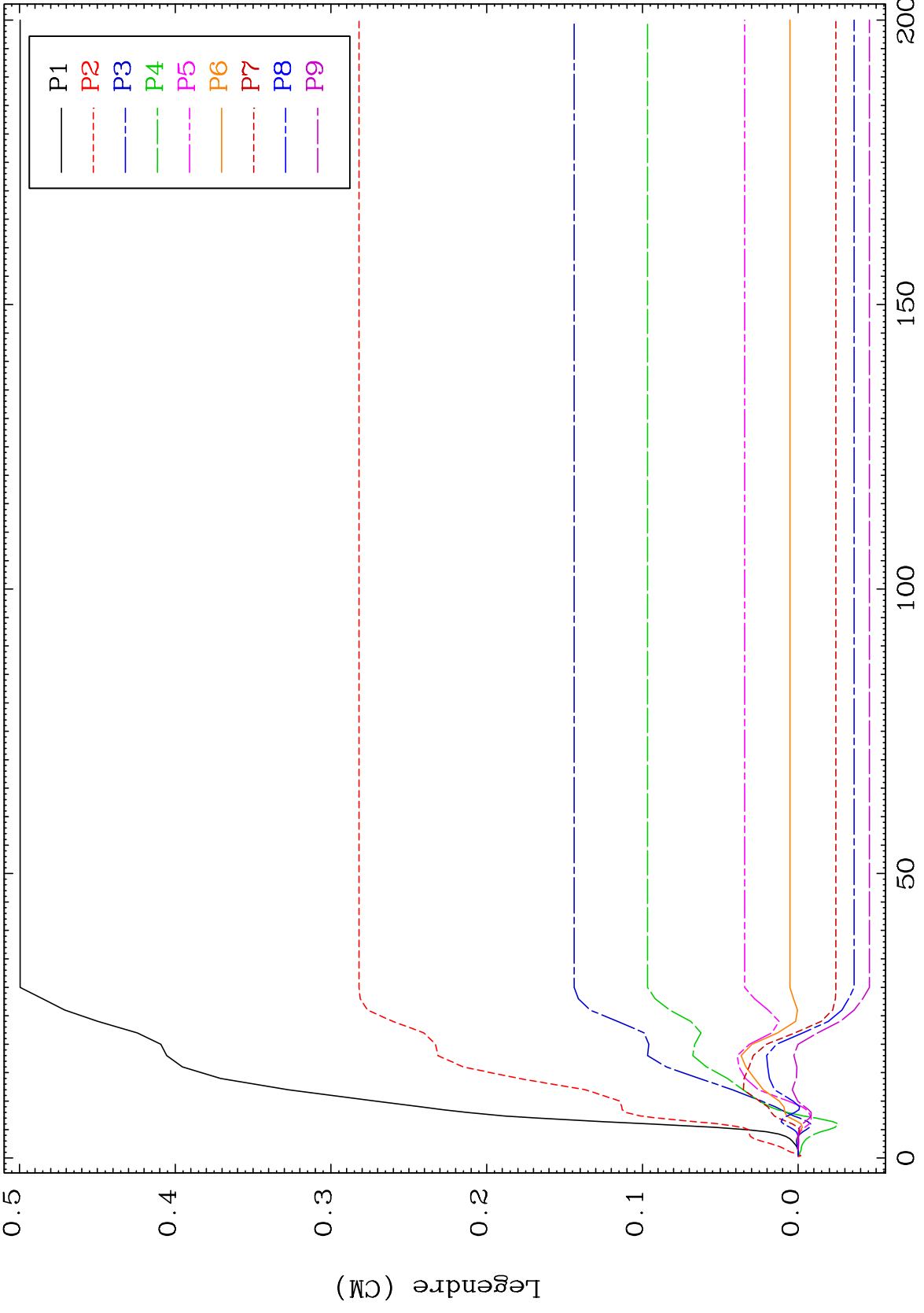


31

55-Cs-131

200

MAT 5519 MT= 54 (n,n') Level Legendre Coefficients 55-Cs-131

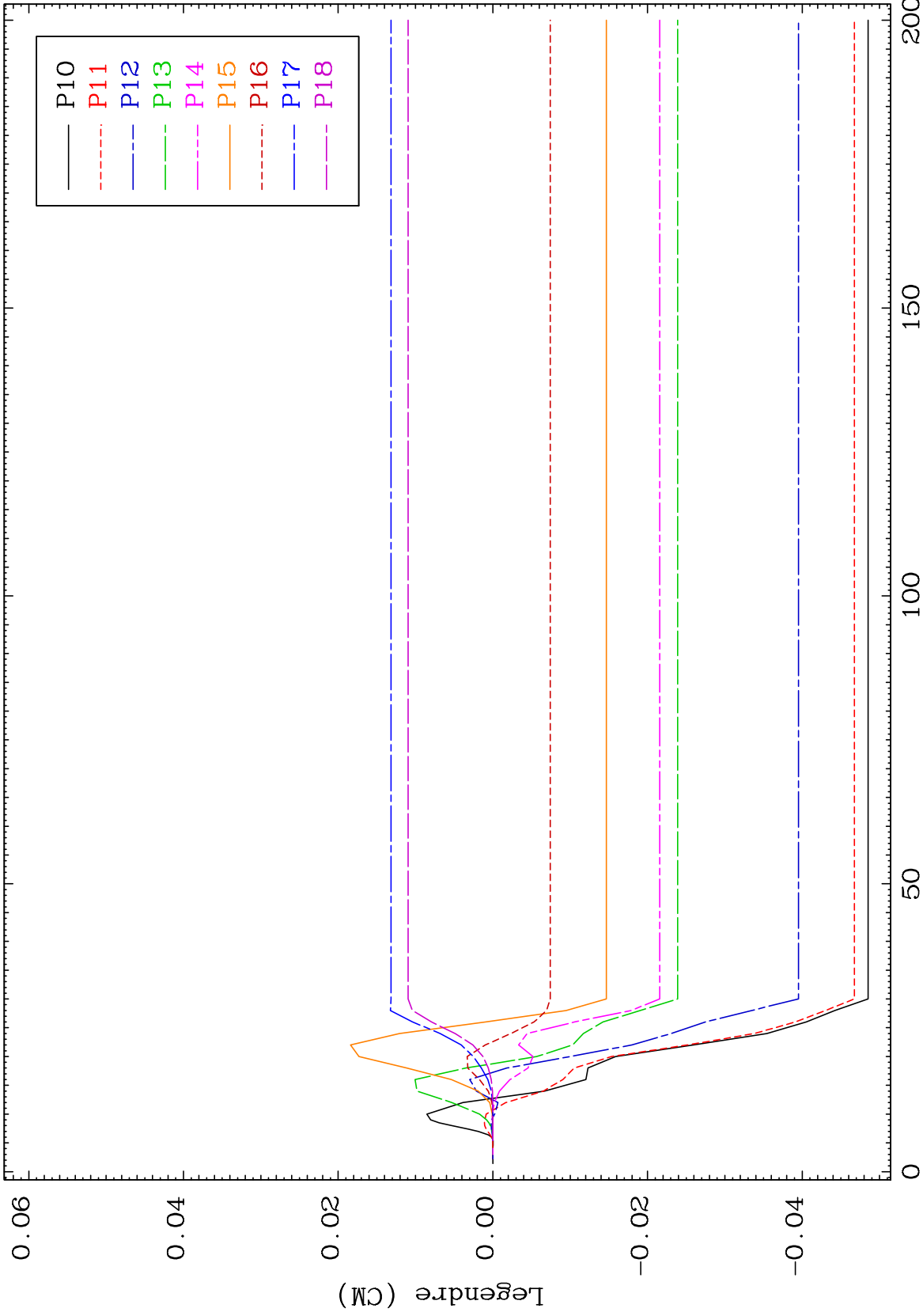


32 55-Cs-131

MAT 5519

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

55-Cs-131



33

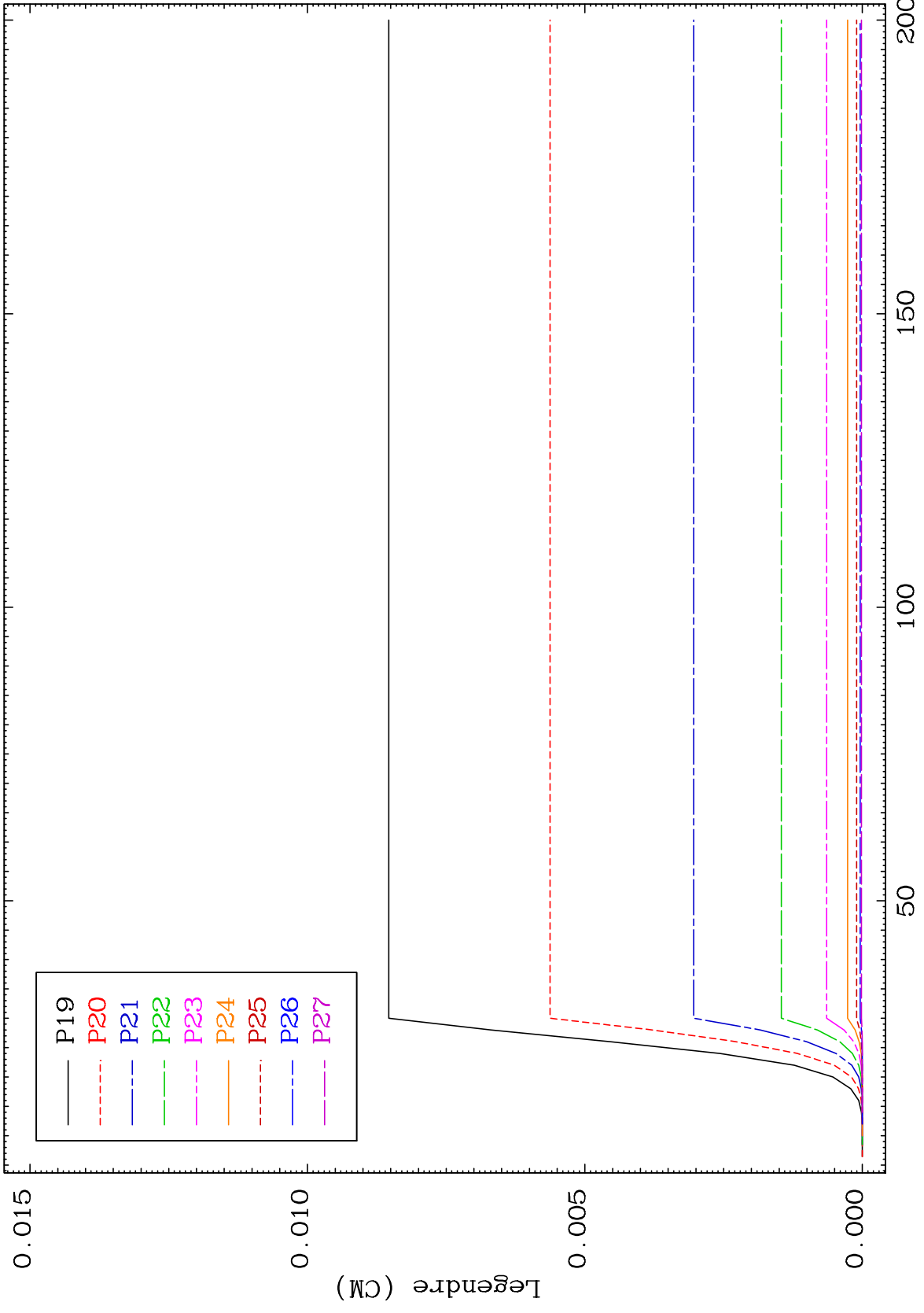
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



34

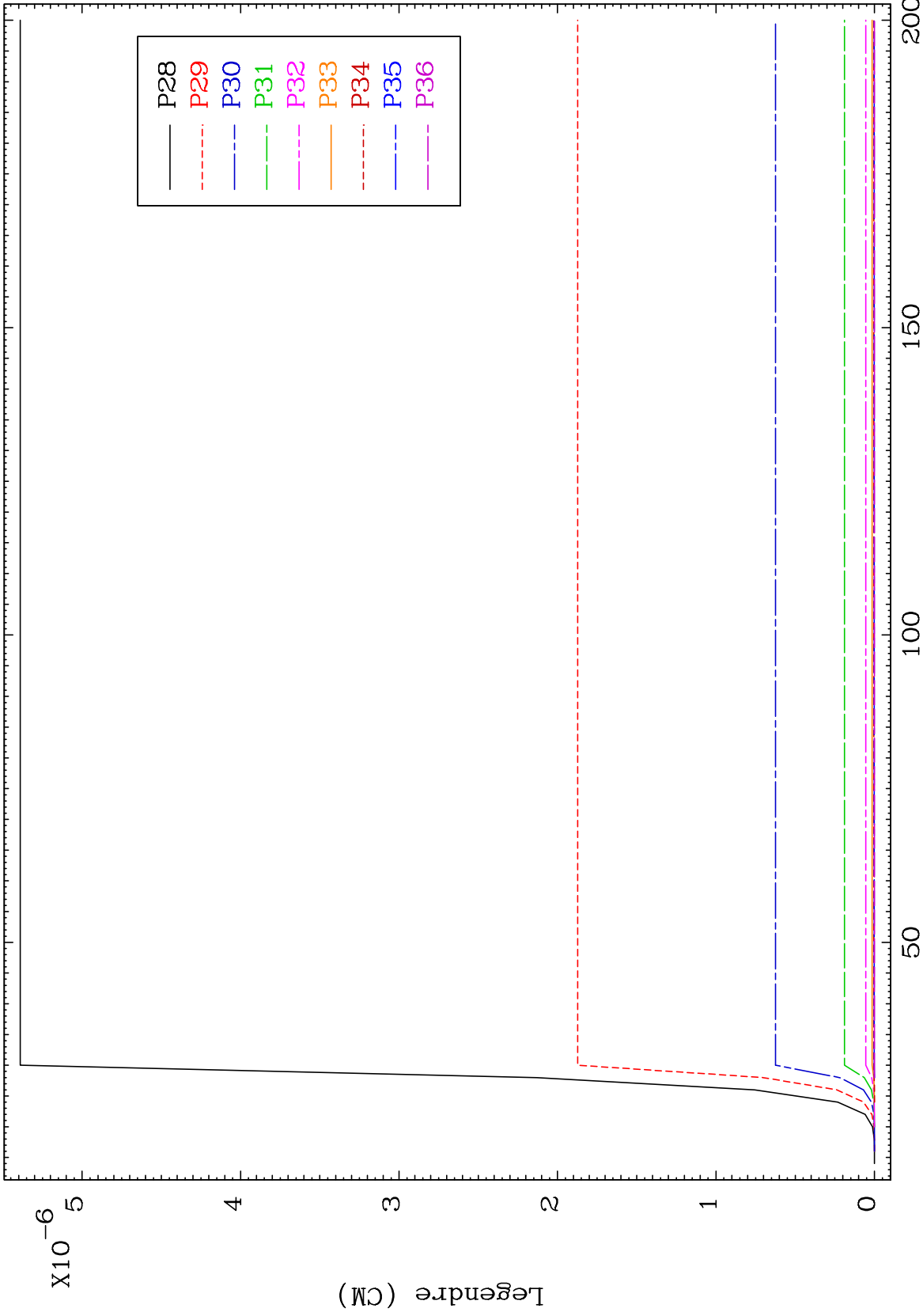
55-Cs-131

Incident Energy (MeV)

MAT 5519

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

55-Cs-131



35

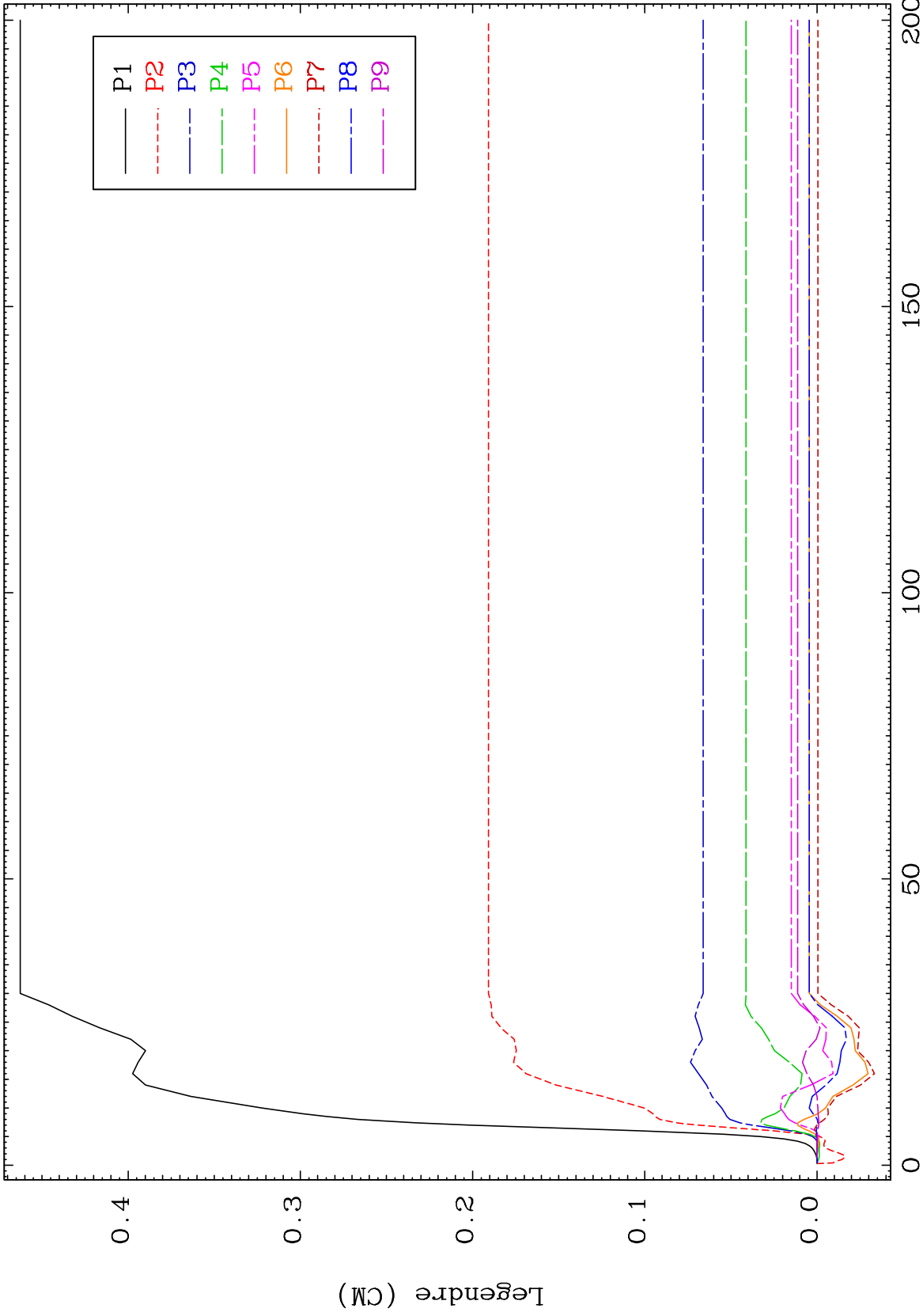
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



36

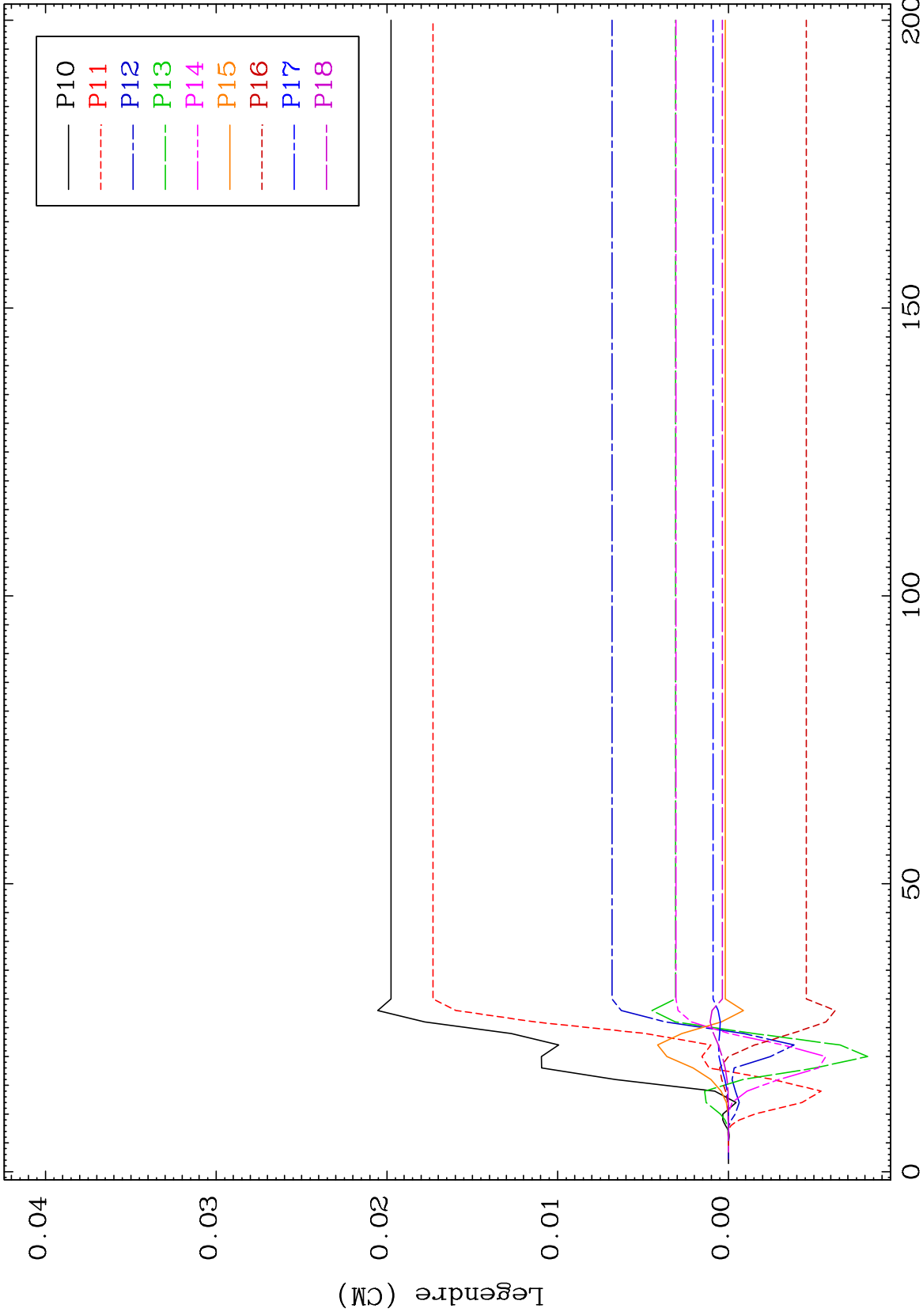
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



37

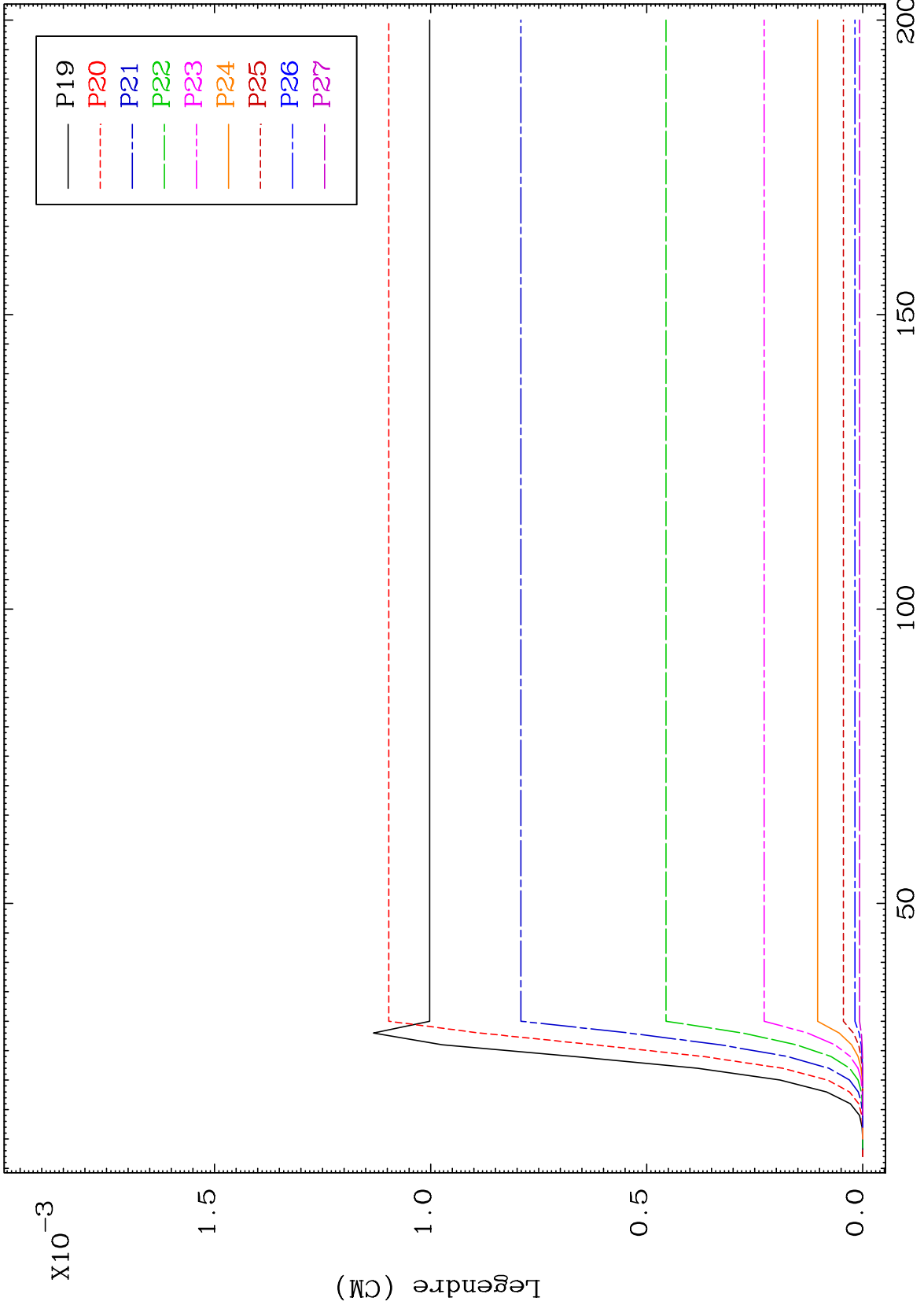
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



38

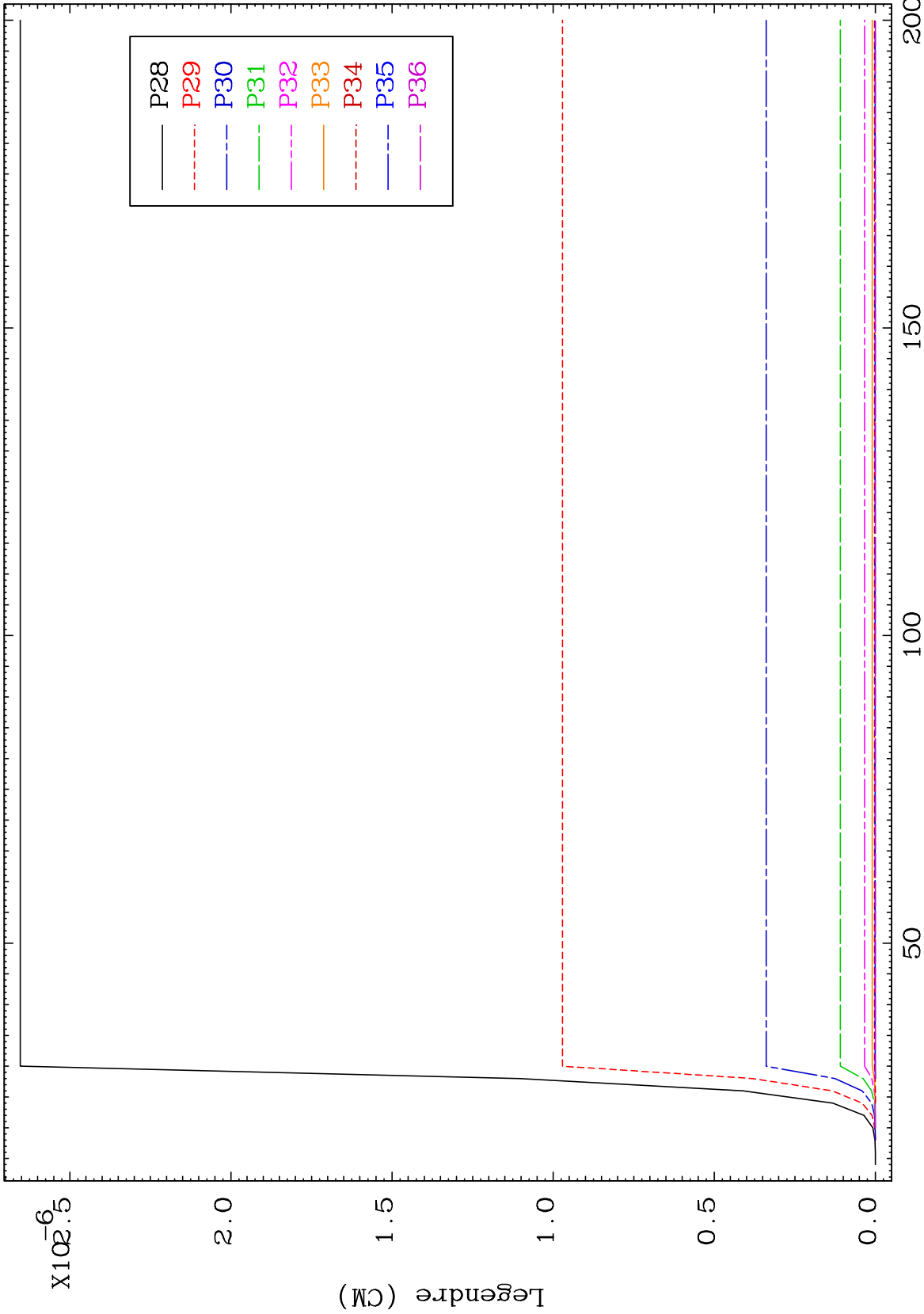
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



39

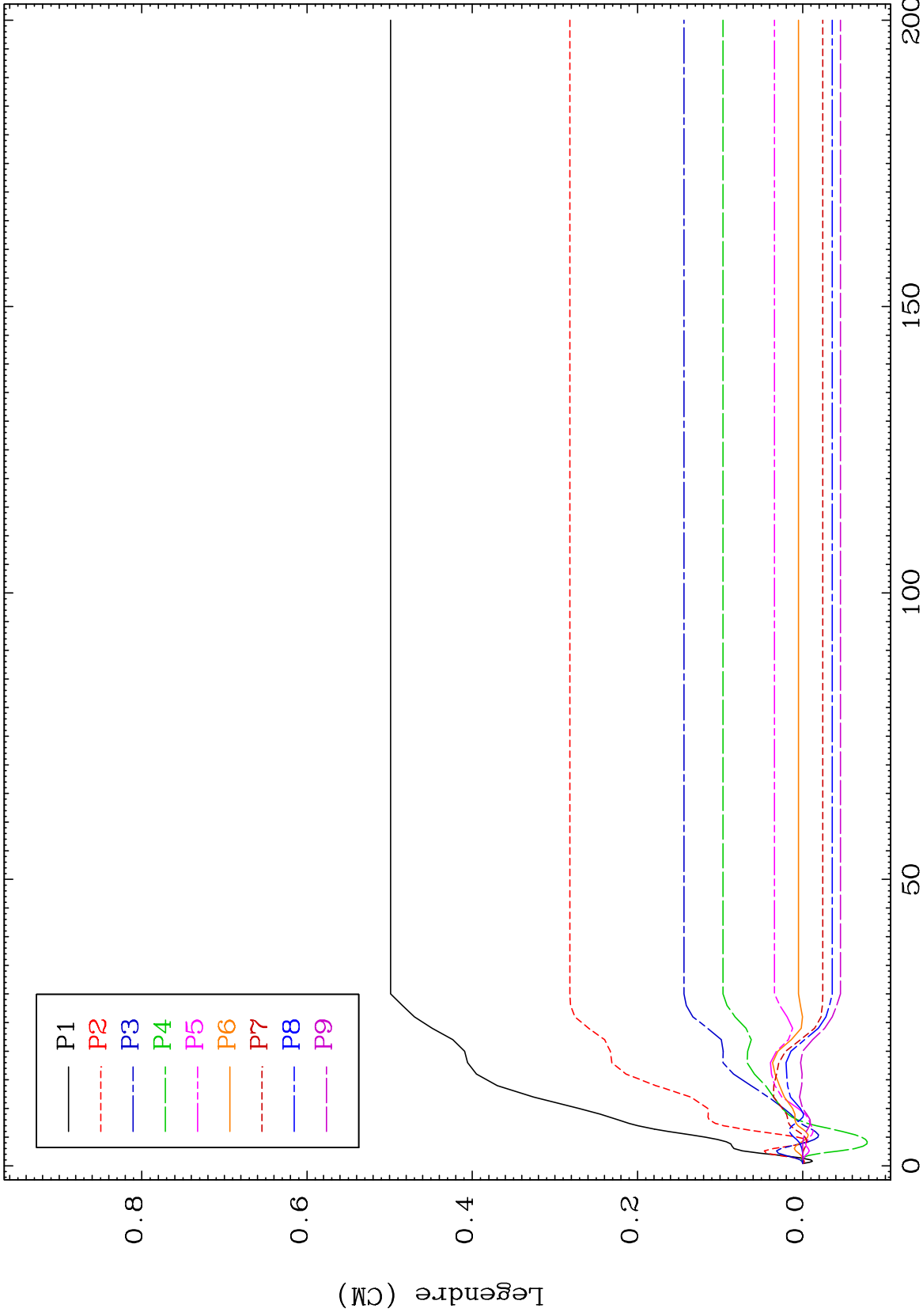
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



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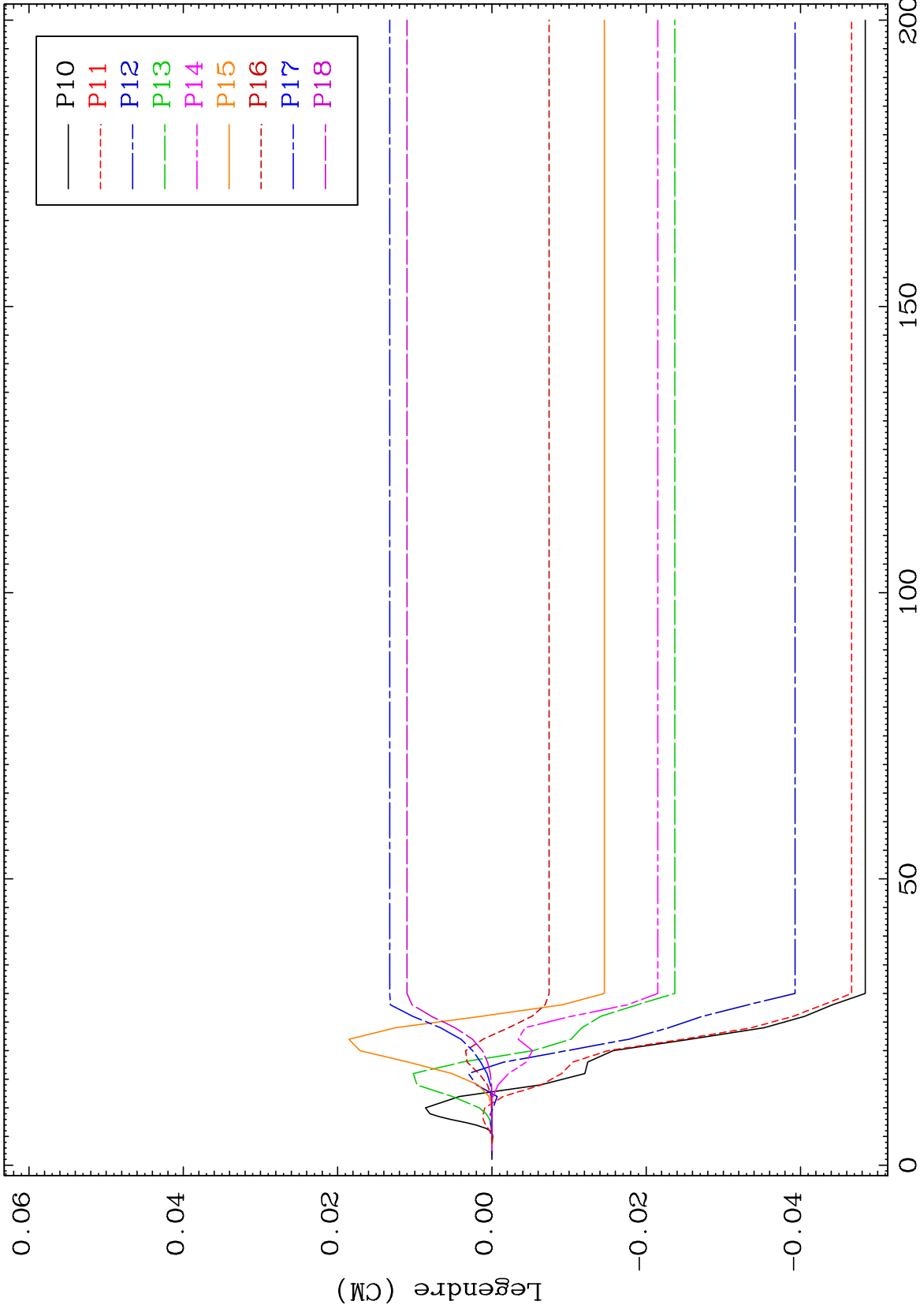
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



41

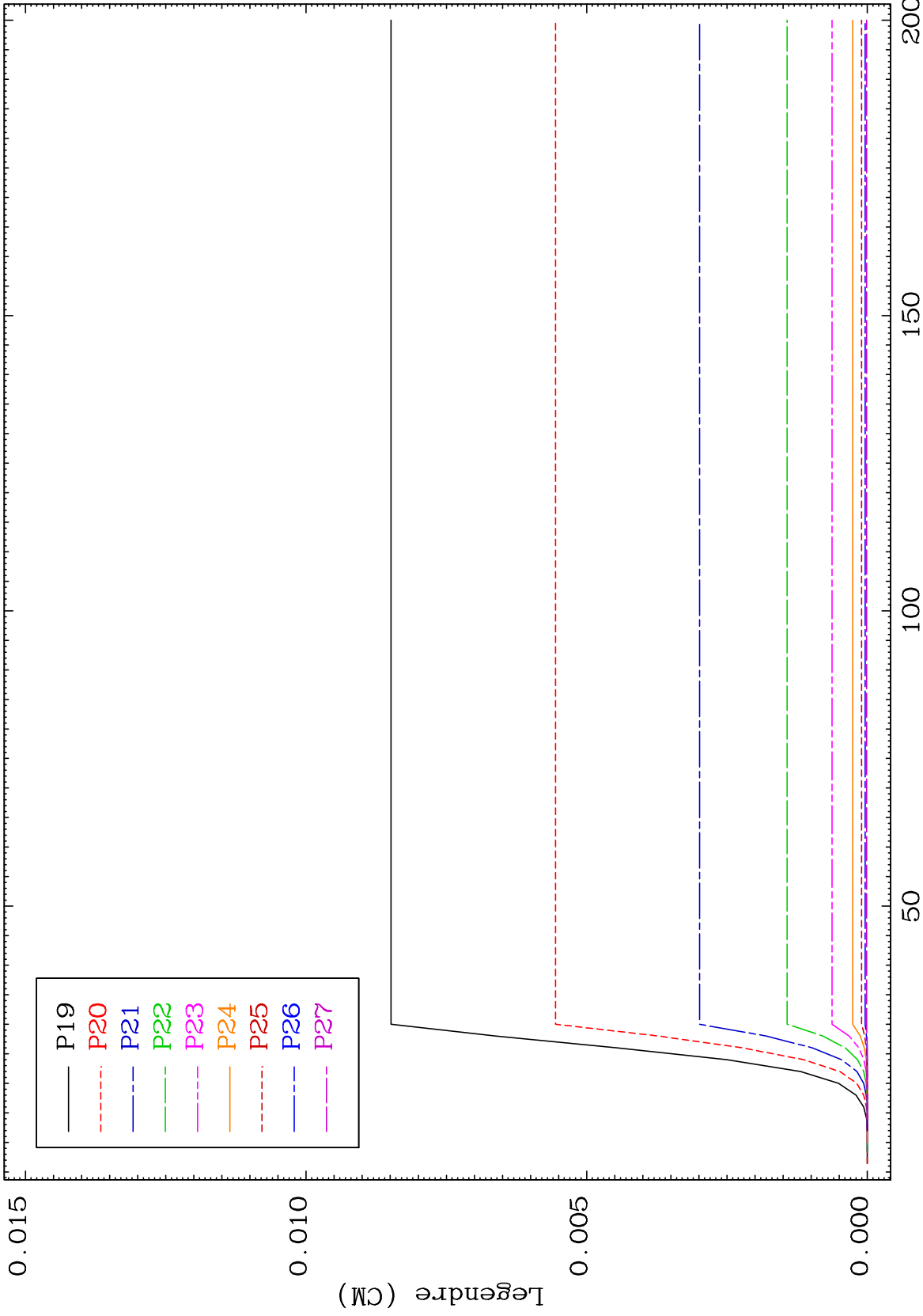
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



42

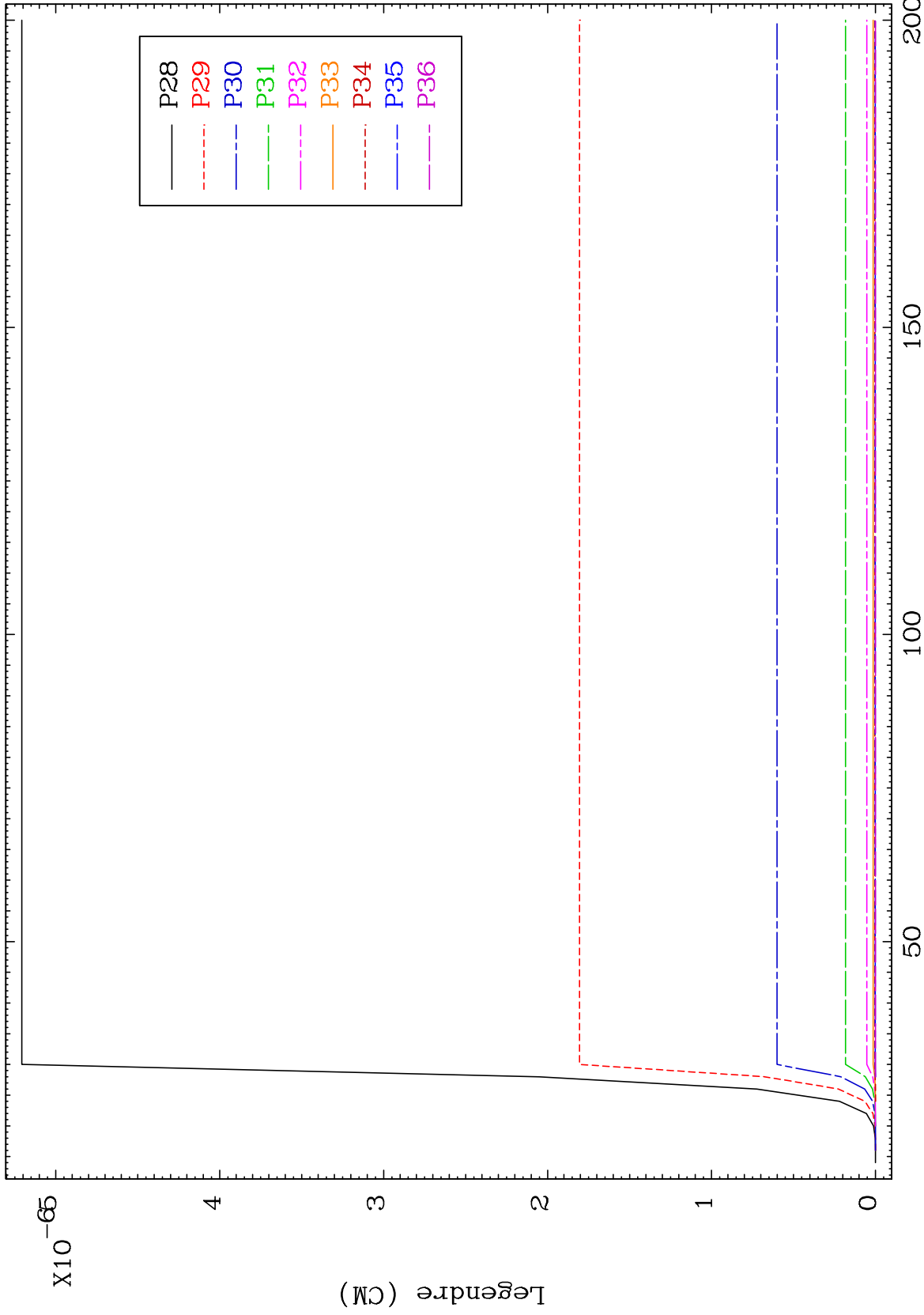
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



43

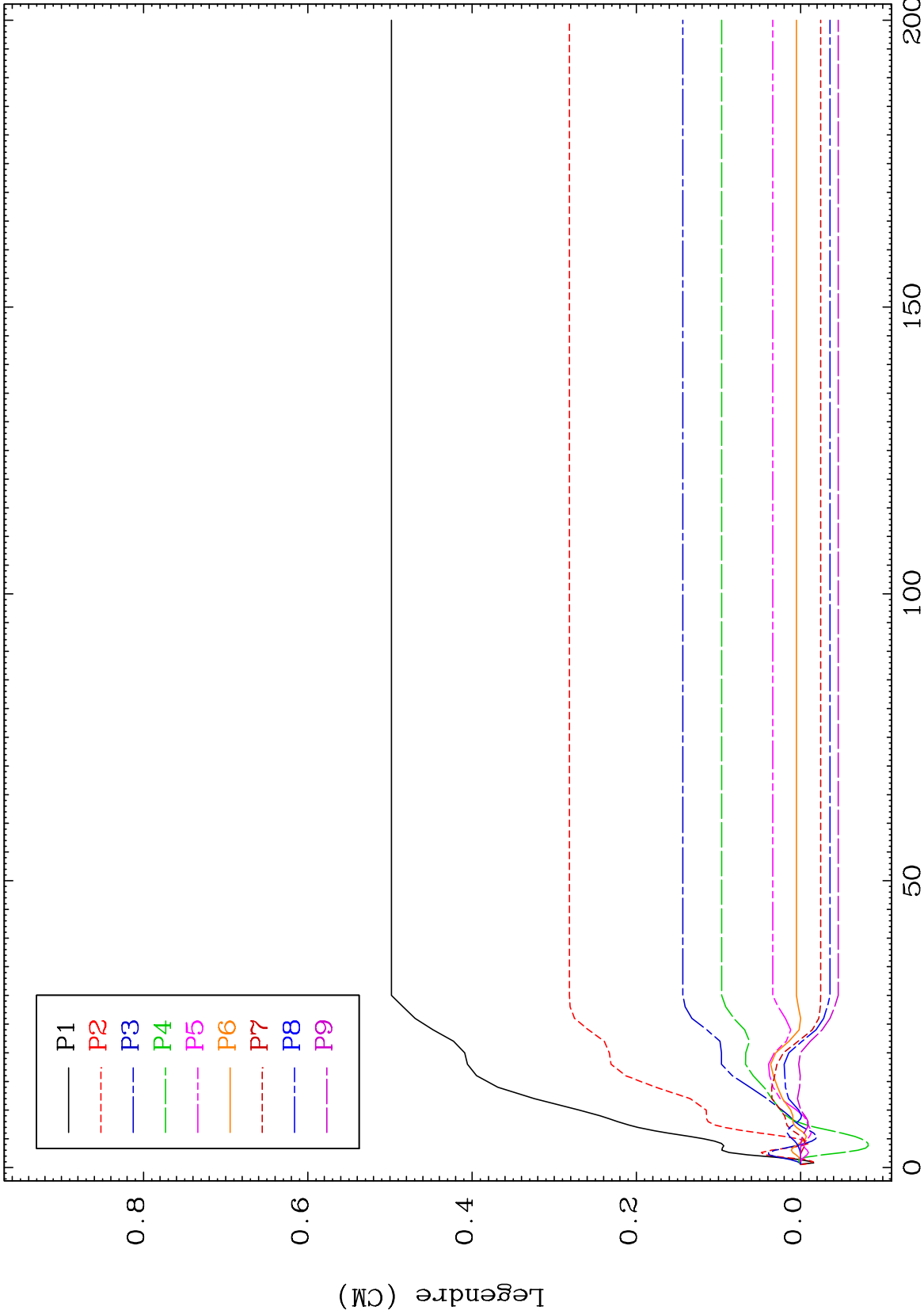
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131

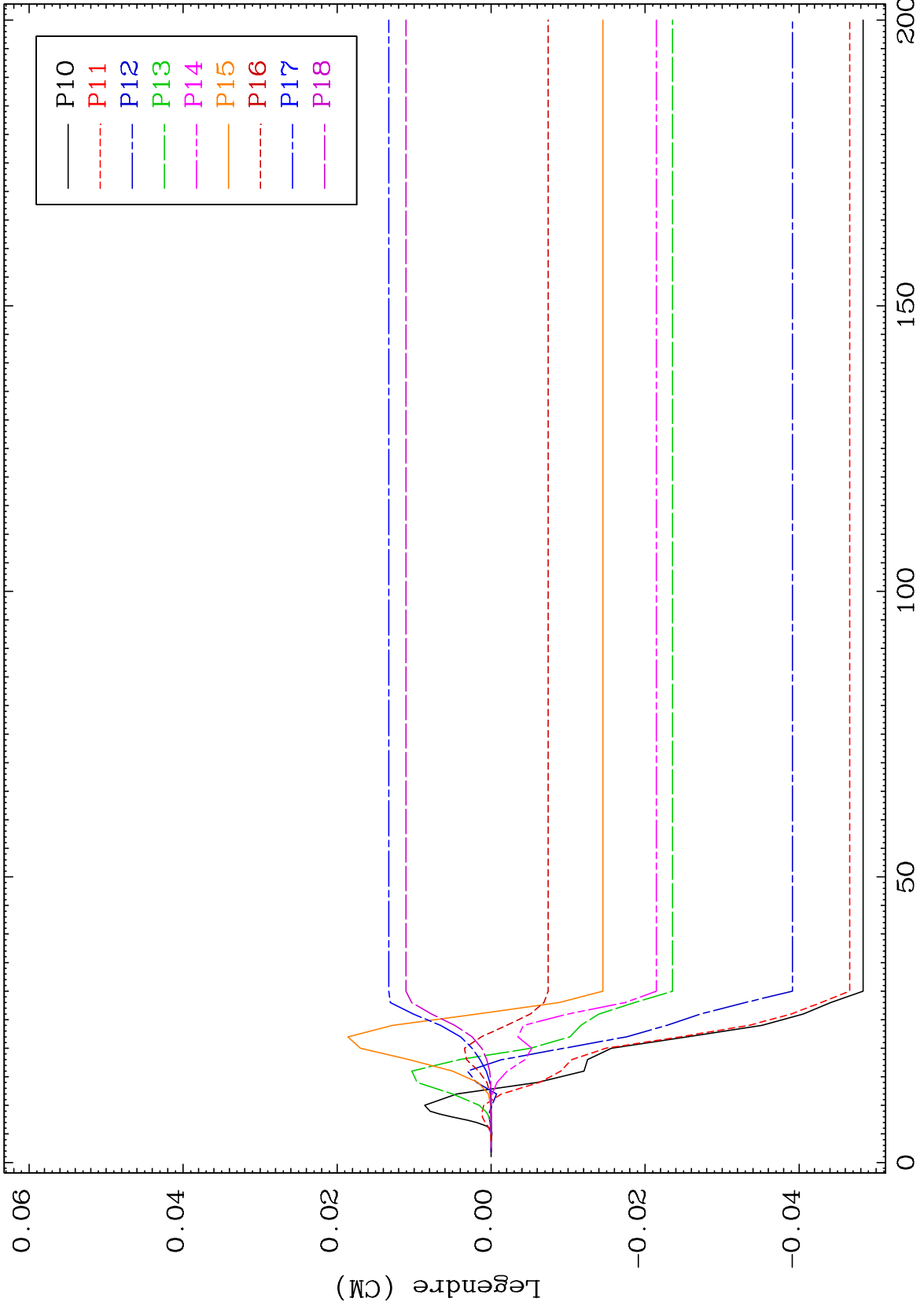


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Incident Energy (MeV)

55-Cs-131

MAT 5519 MT= 57 (n,n') Level Legendre Coefficients 55-Cs-131

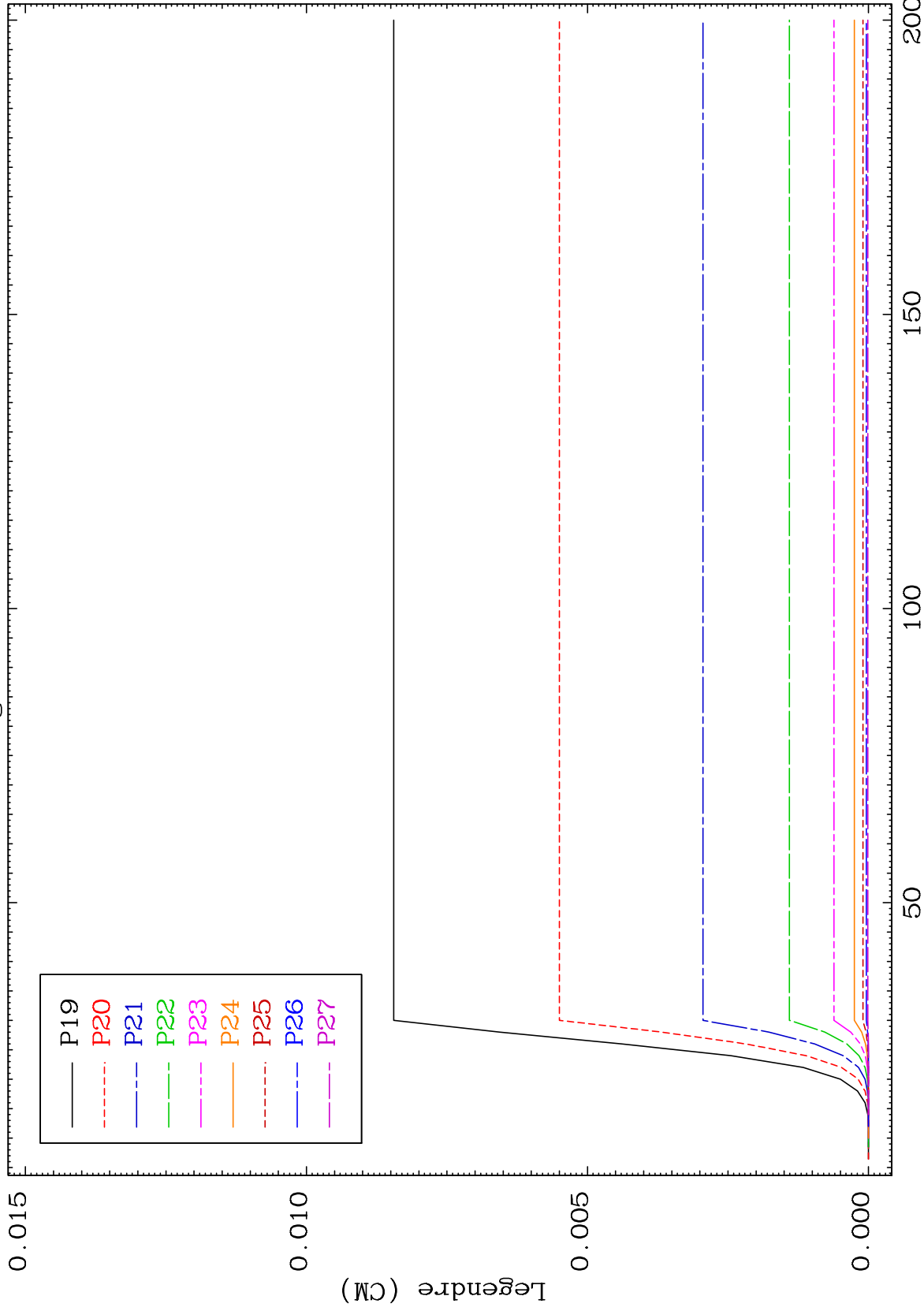


45 Incident Energy (MeV) 55-Cs-131

MAT 5519

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

55-Cs-131



46

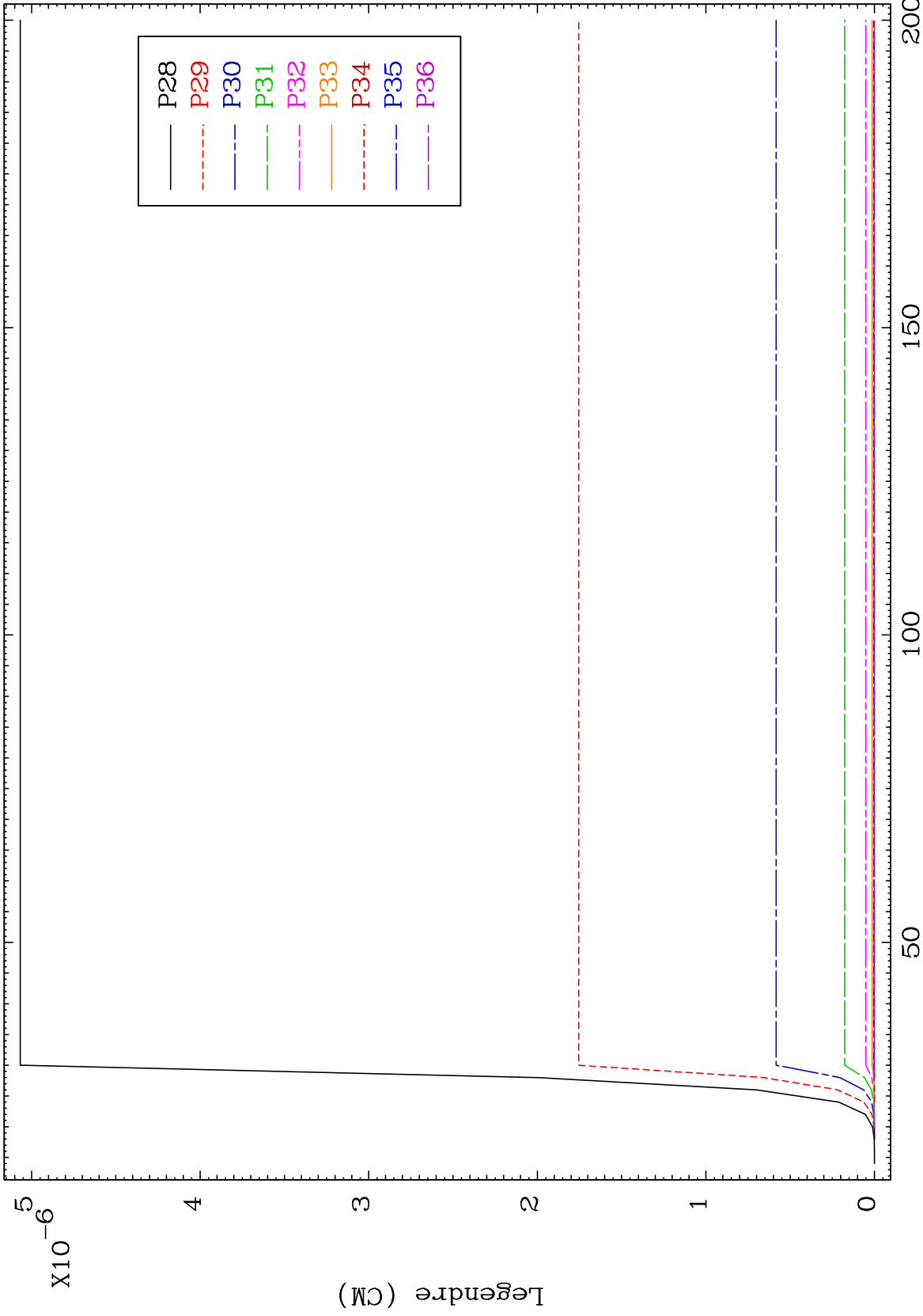
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

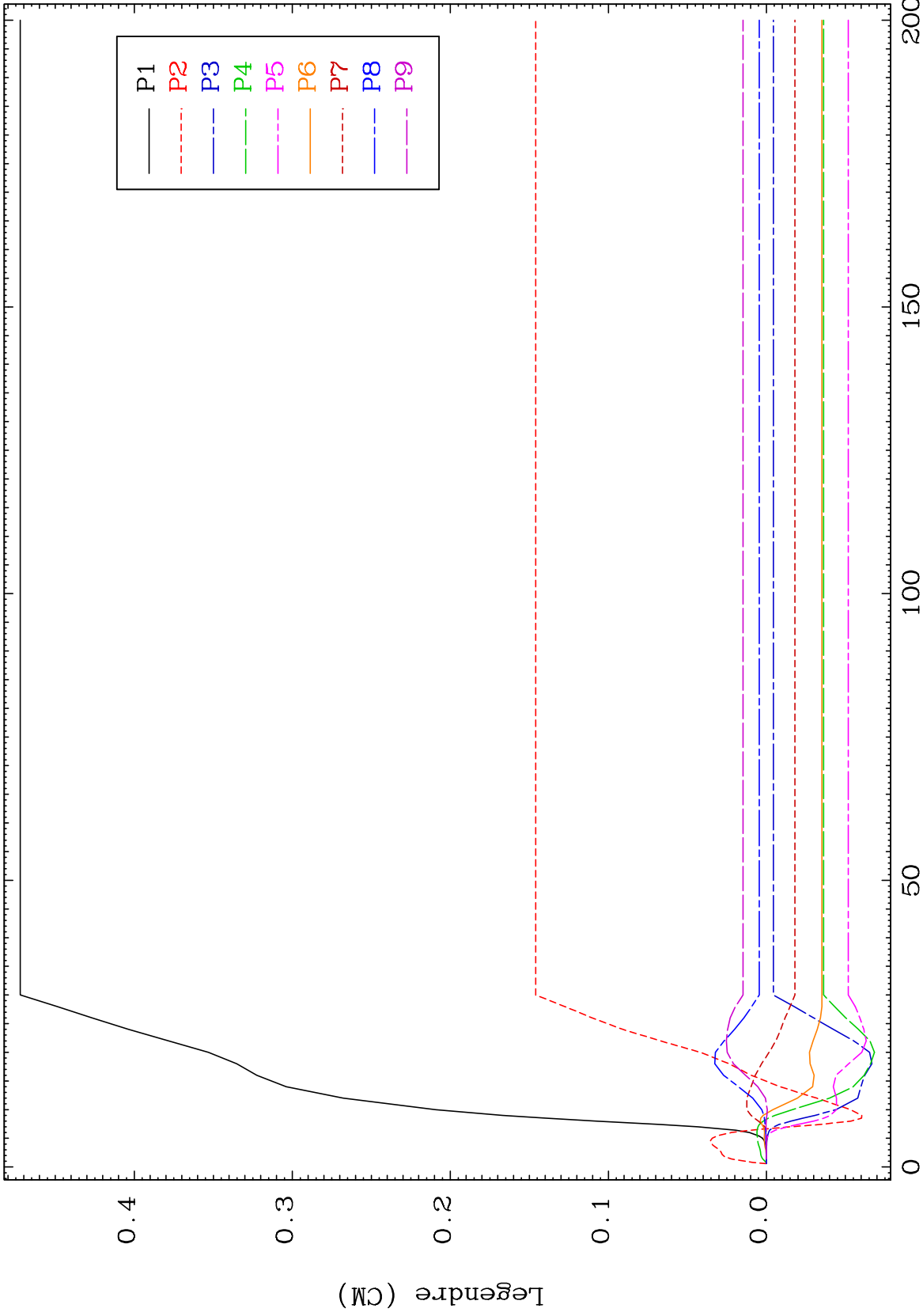
55-Cs-131



MAT 5519

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

55-Cs-131



48

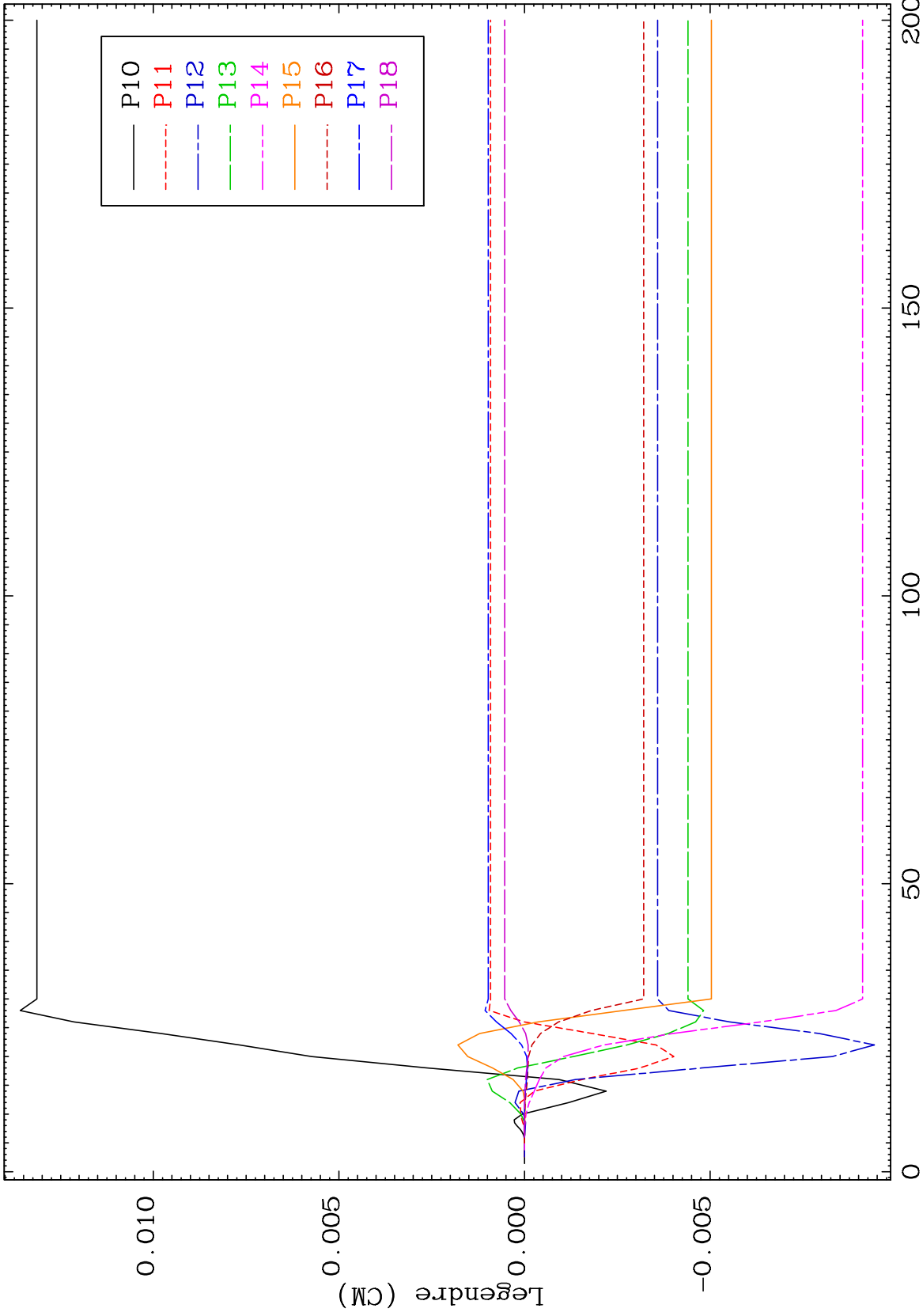
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



49

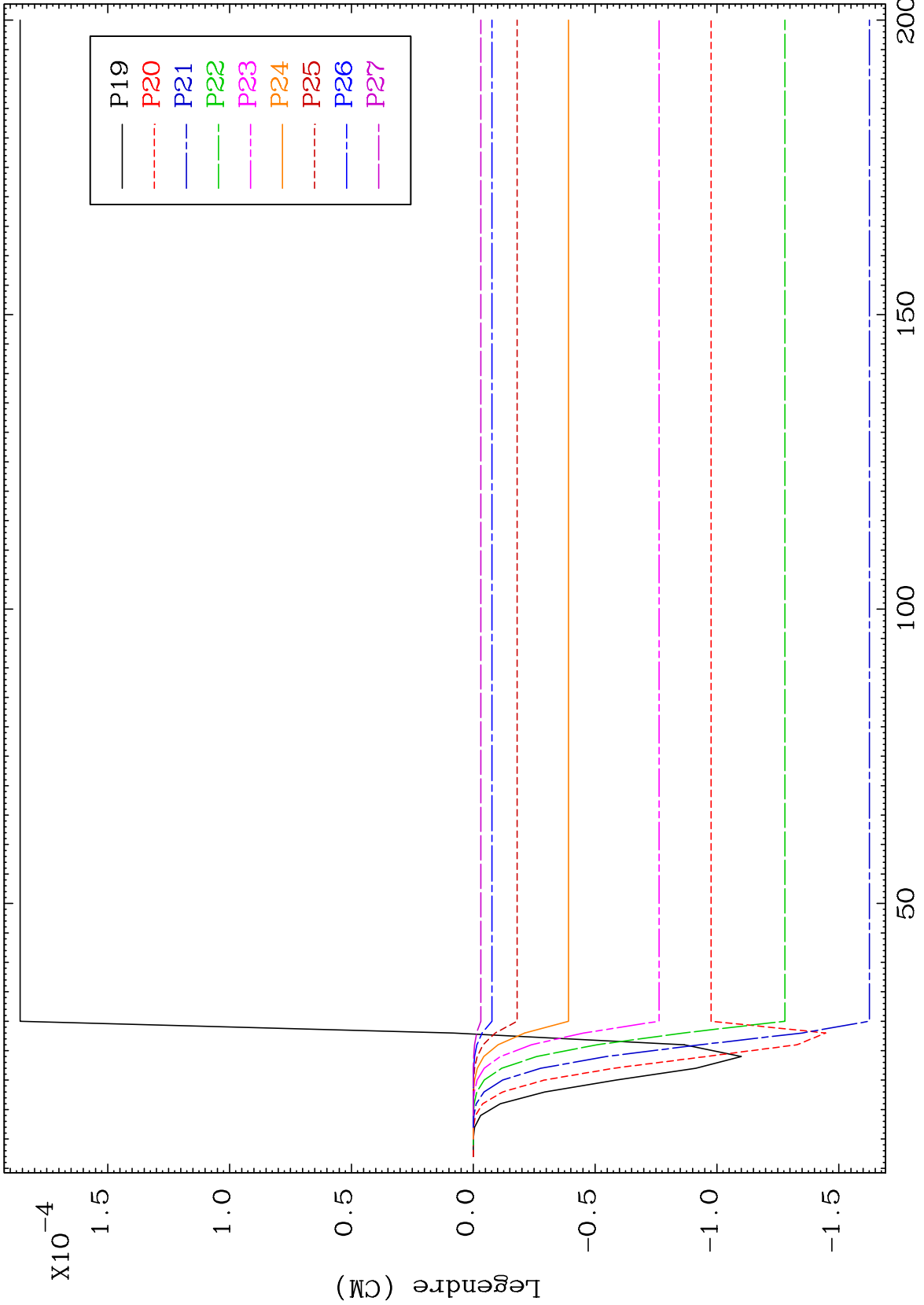
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



50

50

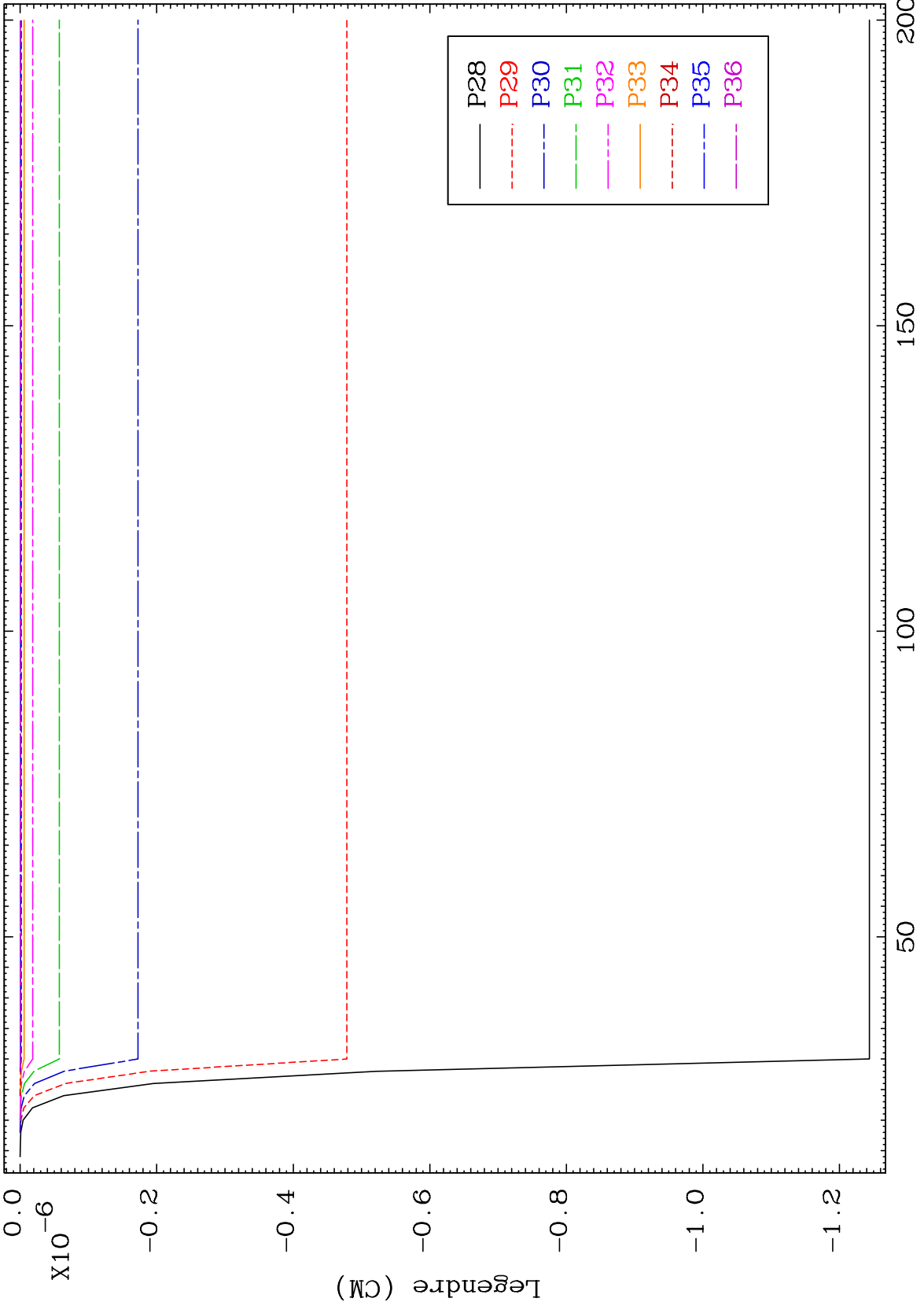
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55-Cs-131

MAT 5519 MT= 58 (n,n') Level Legendre Coefficients 55-Cs-131

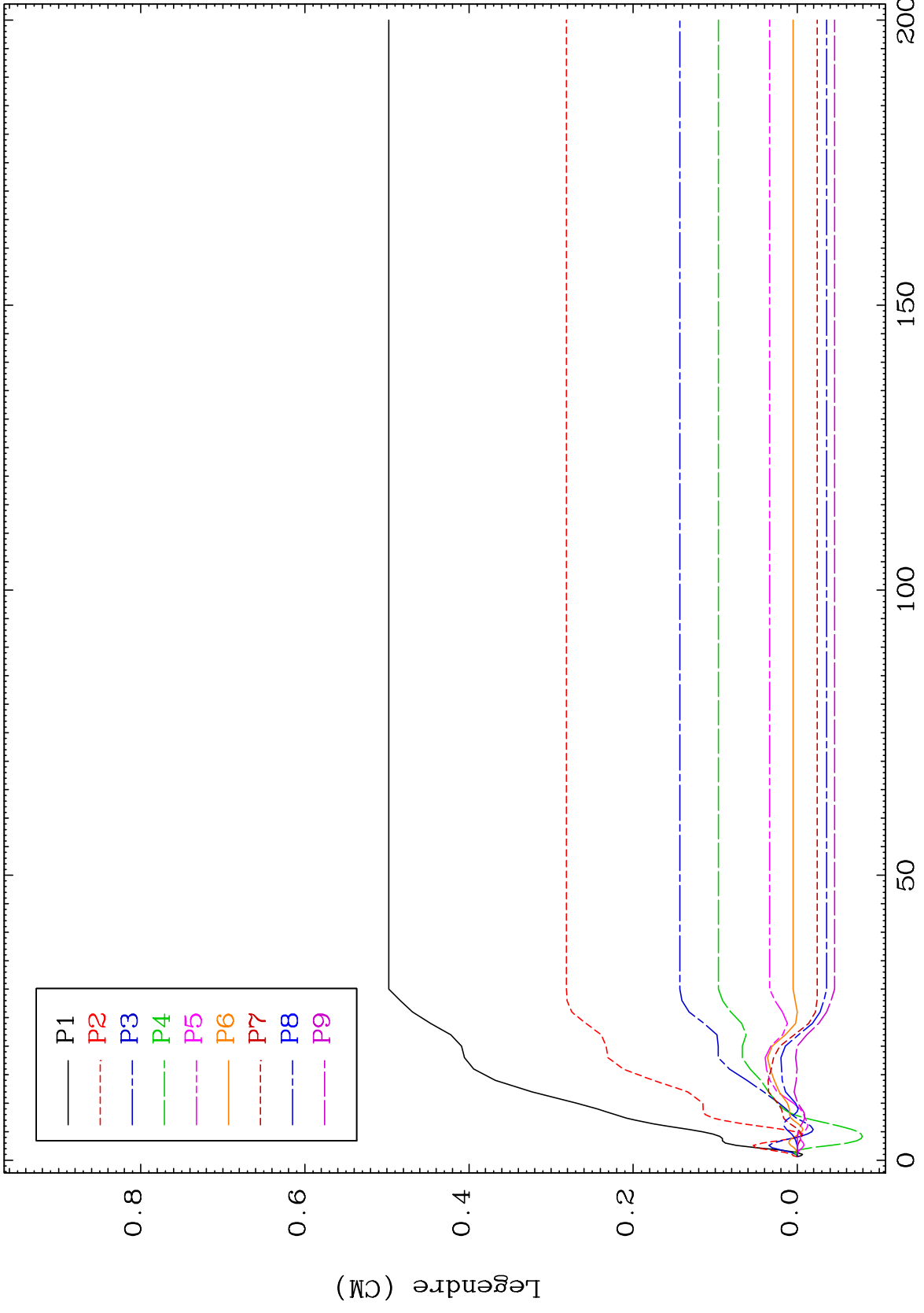


51 55-Cs-131

MAT 5519

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

55-Cs-131

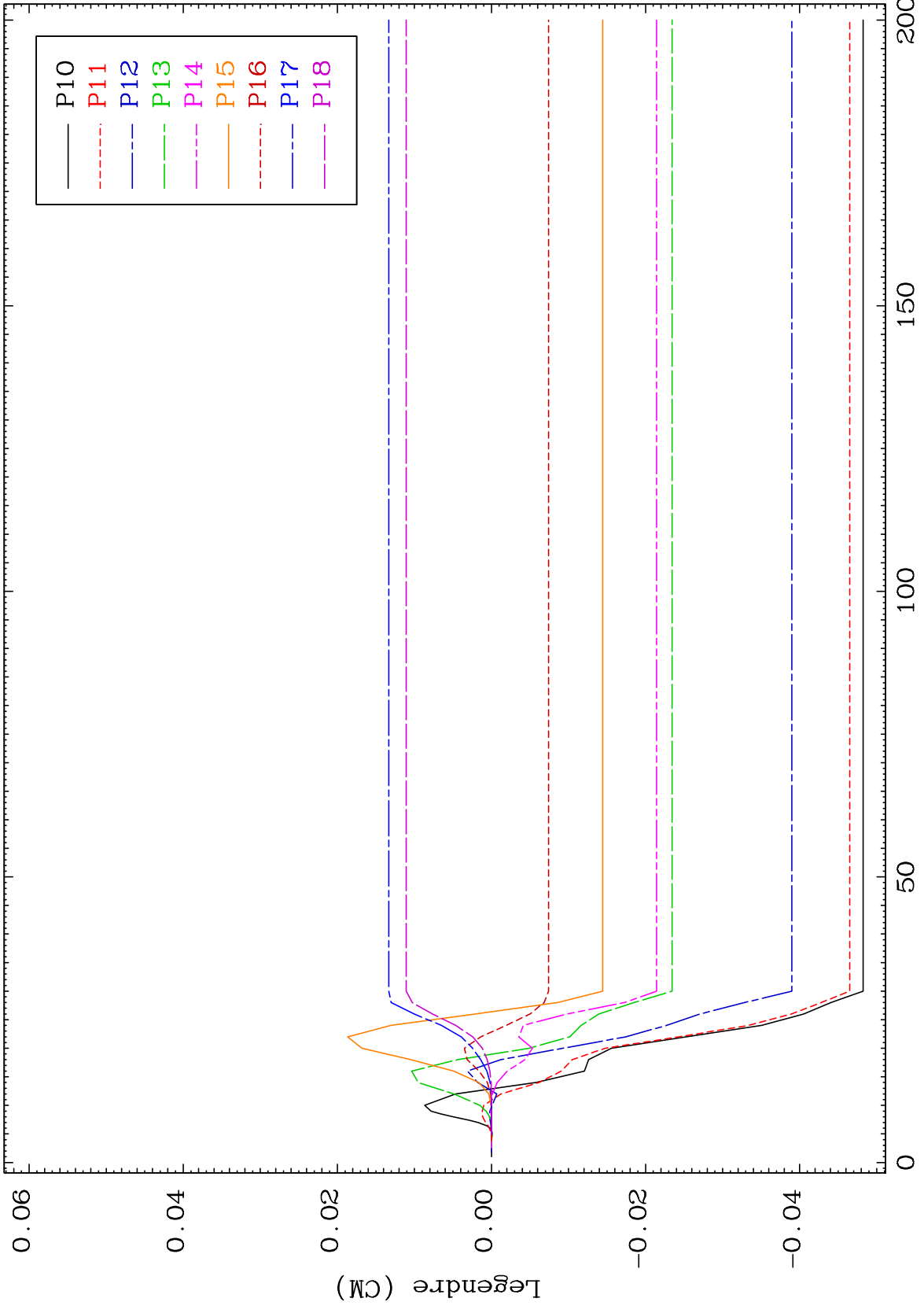


52

Incident Energy (MeV)

55-Cs-131

MAT 5519 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-131

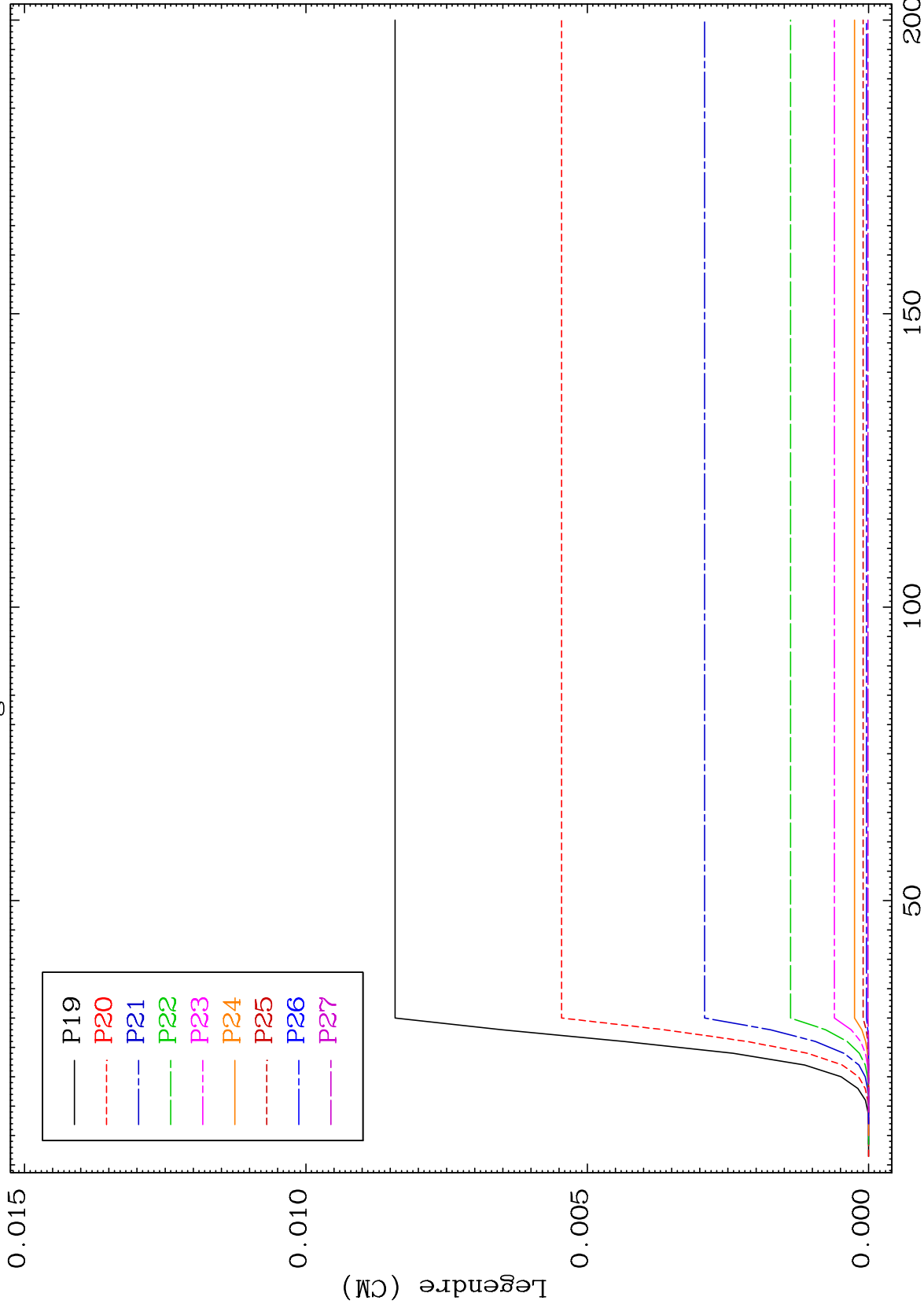


53 55-Cs-131

MAT 5519

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

55-Cs-131

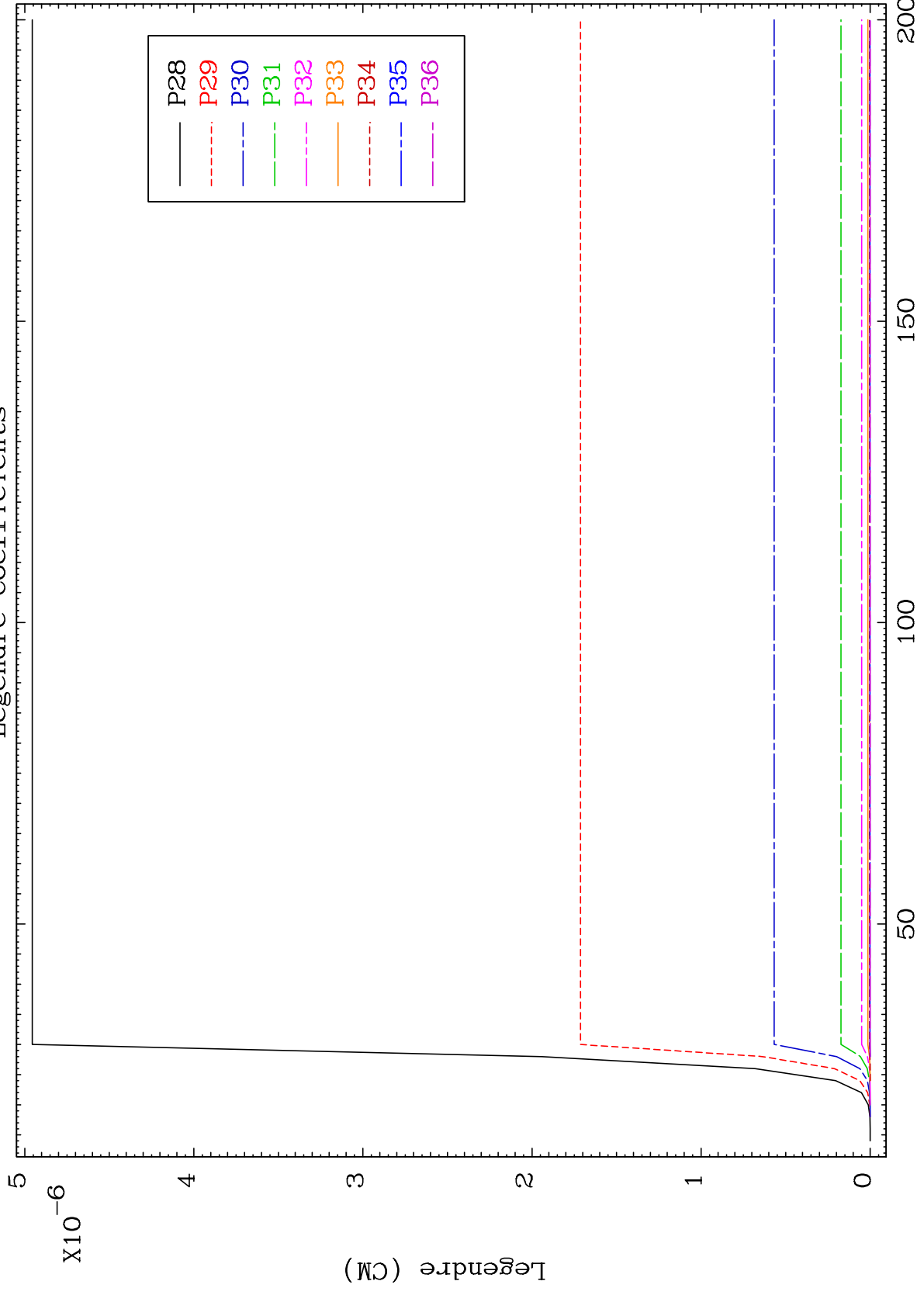


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Incident Energy (MeV)

55-Cs-131

MAT 5519 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-131

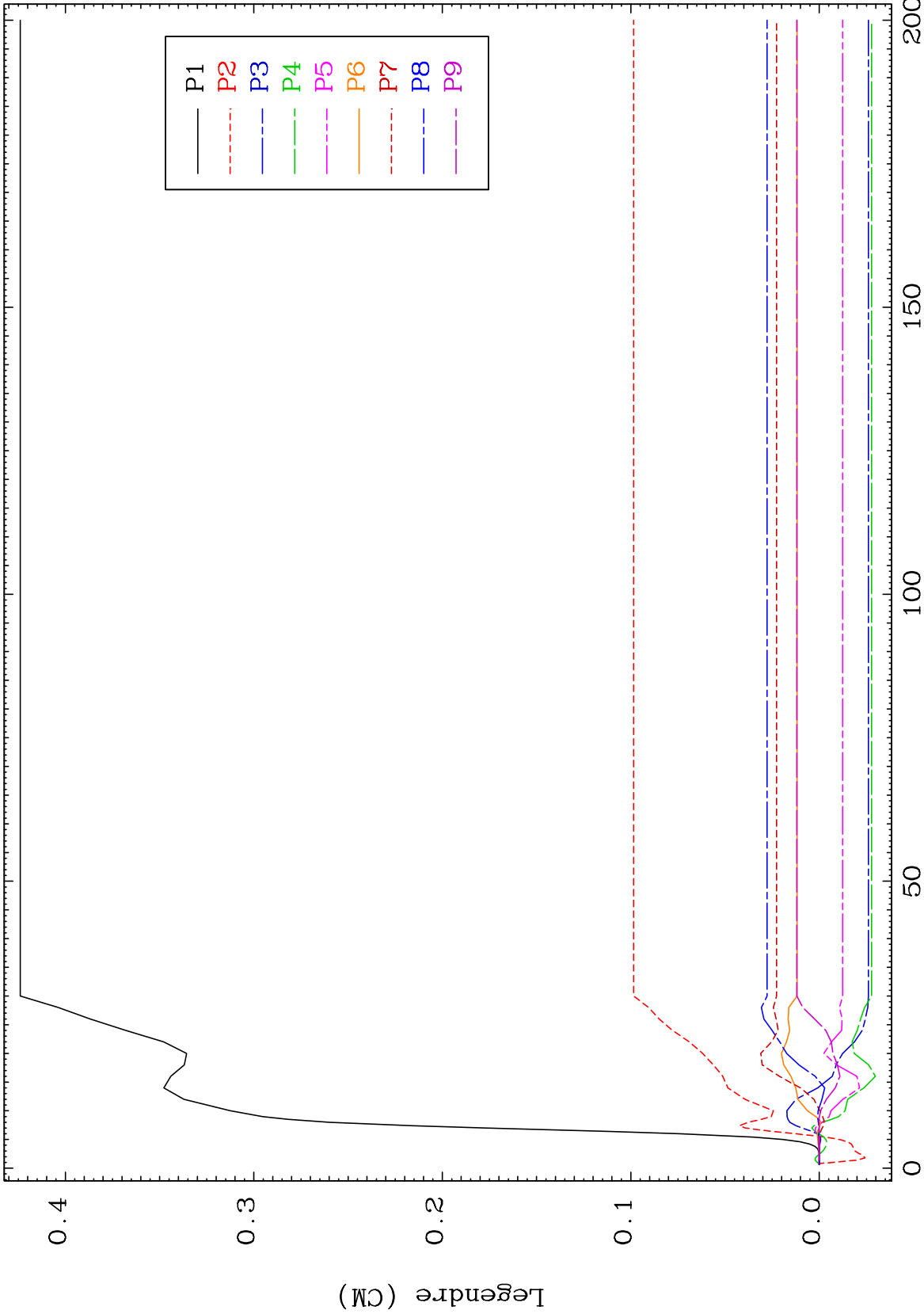


55 55-Cs-131 Incident Energy (MeV)

MAT 5519

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

55-Cs-131

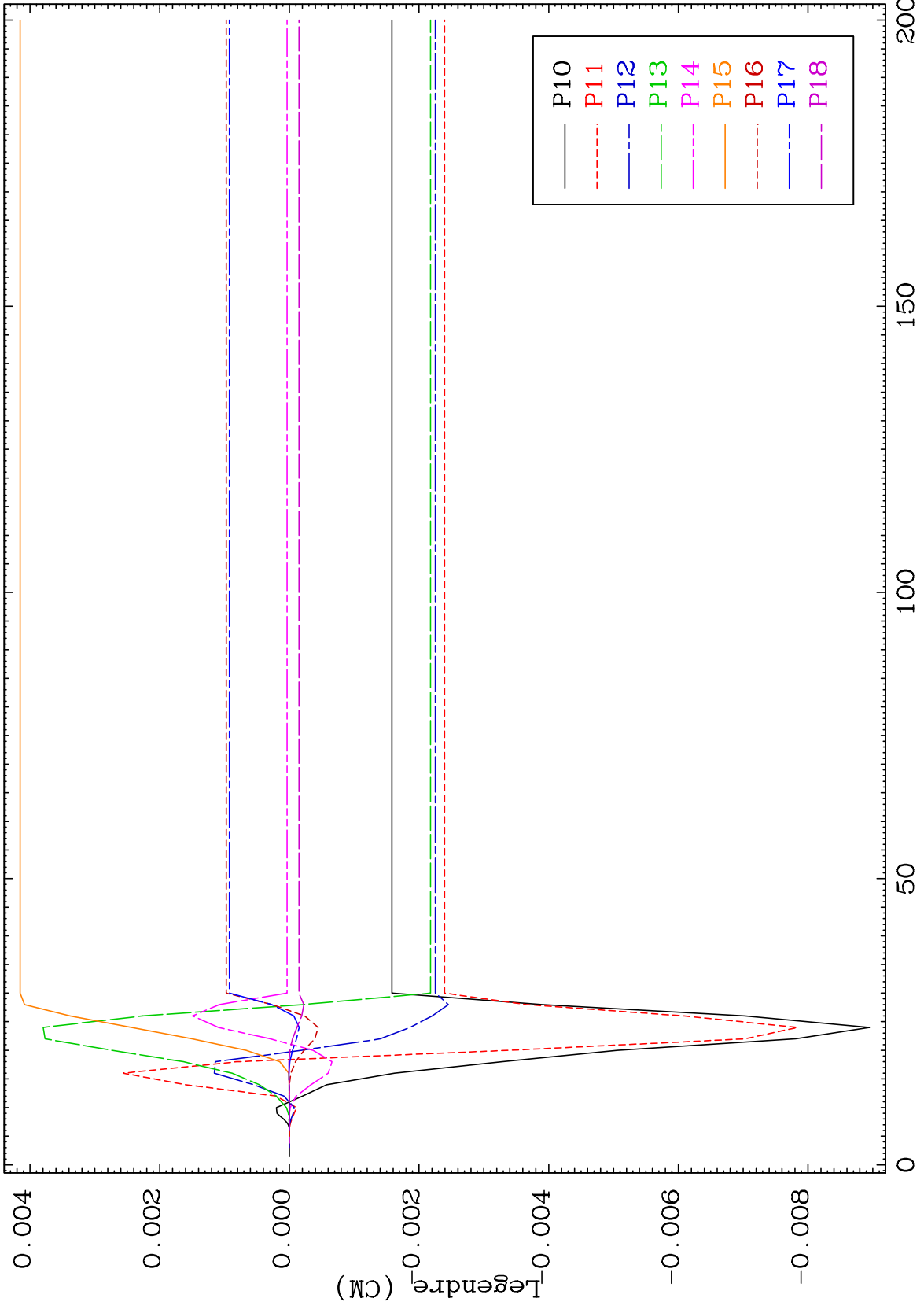


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Incident Energy (MeV)

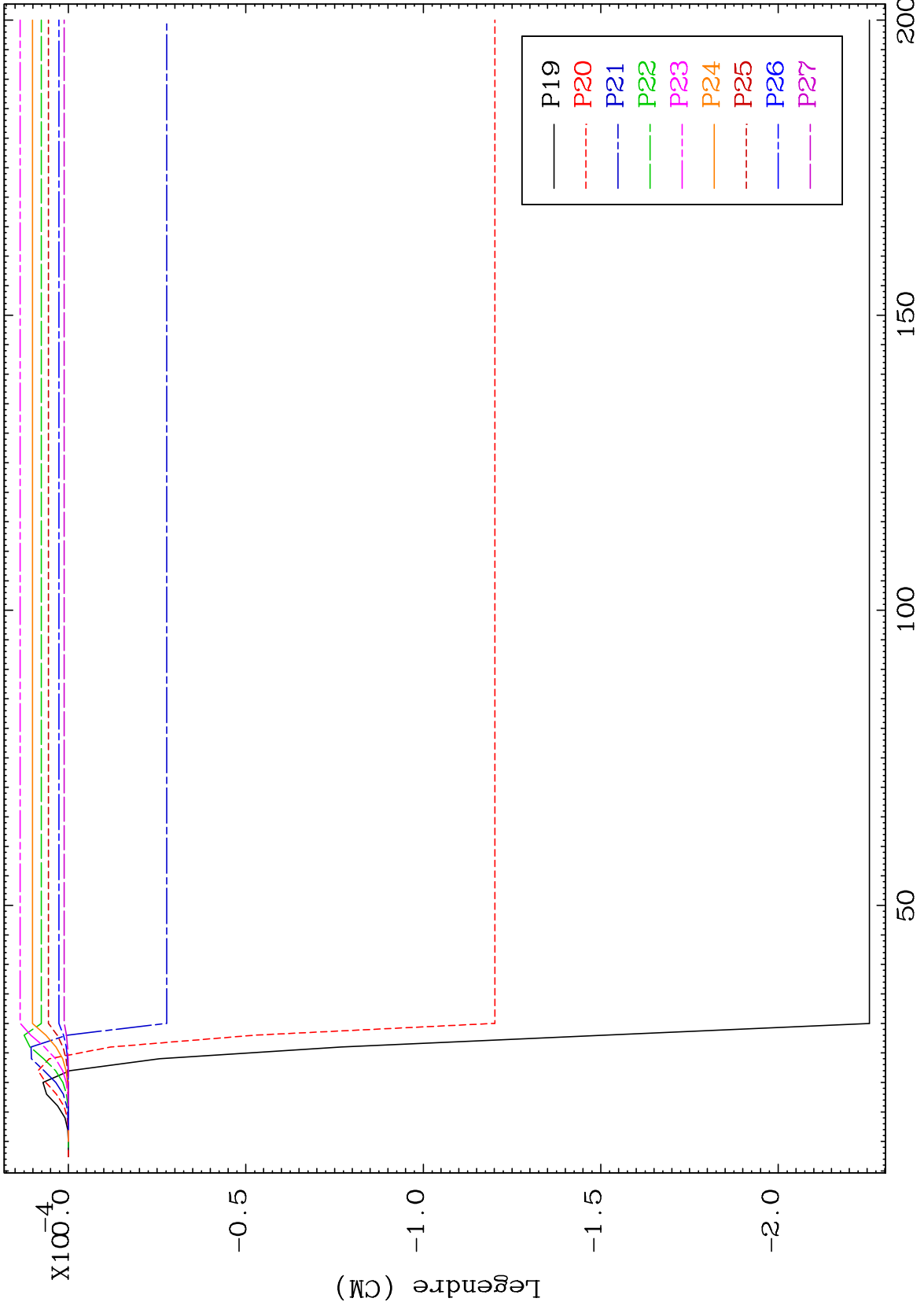
55-Cs-131

MAT 5519 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-131



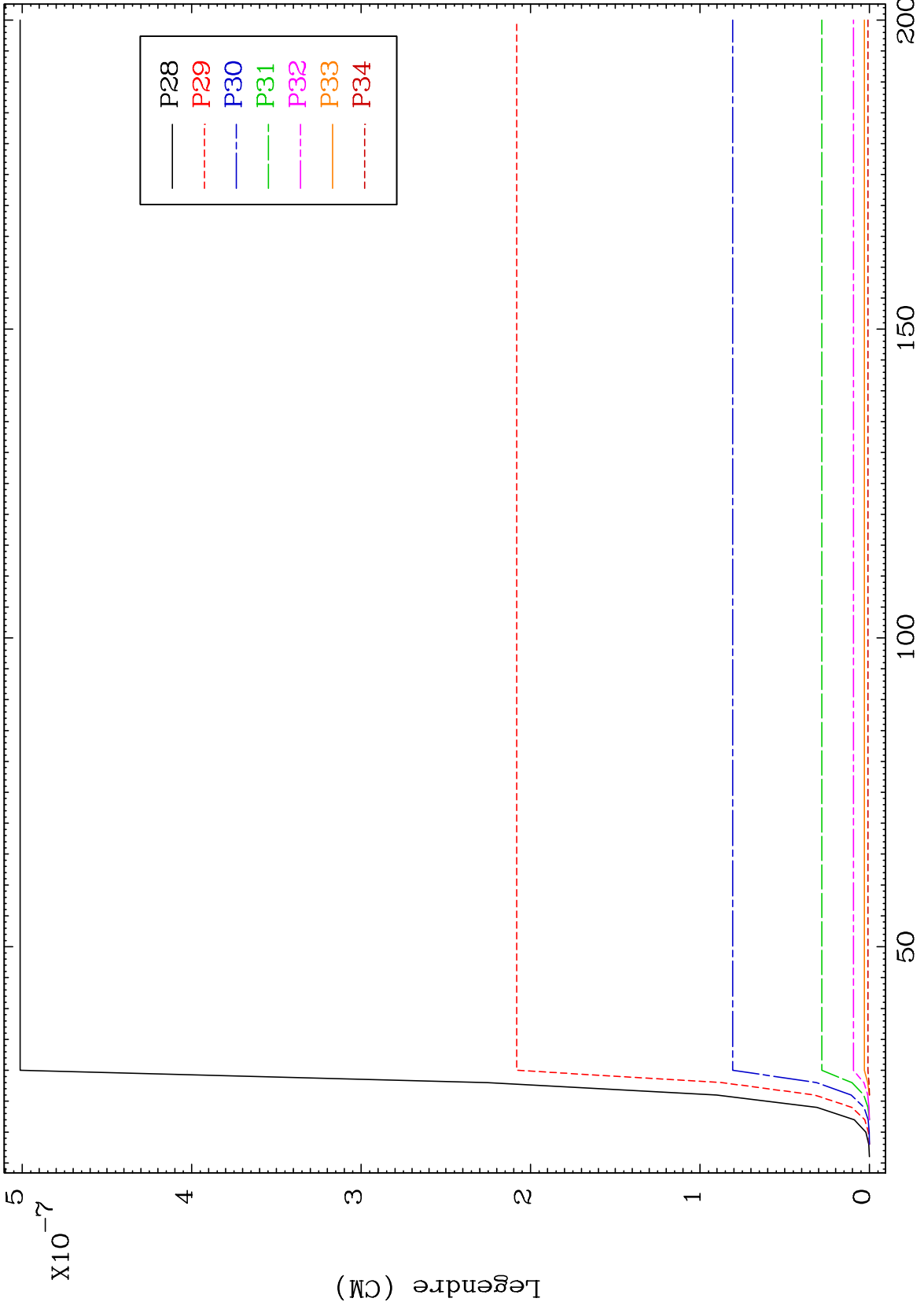
57 55-Cs-131

MAT 5519 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-131



58 55-Cs-131

MAT 5519 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-131

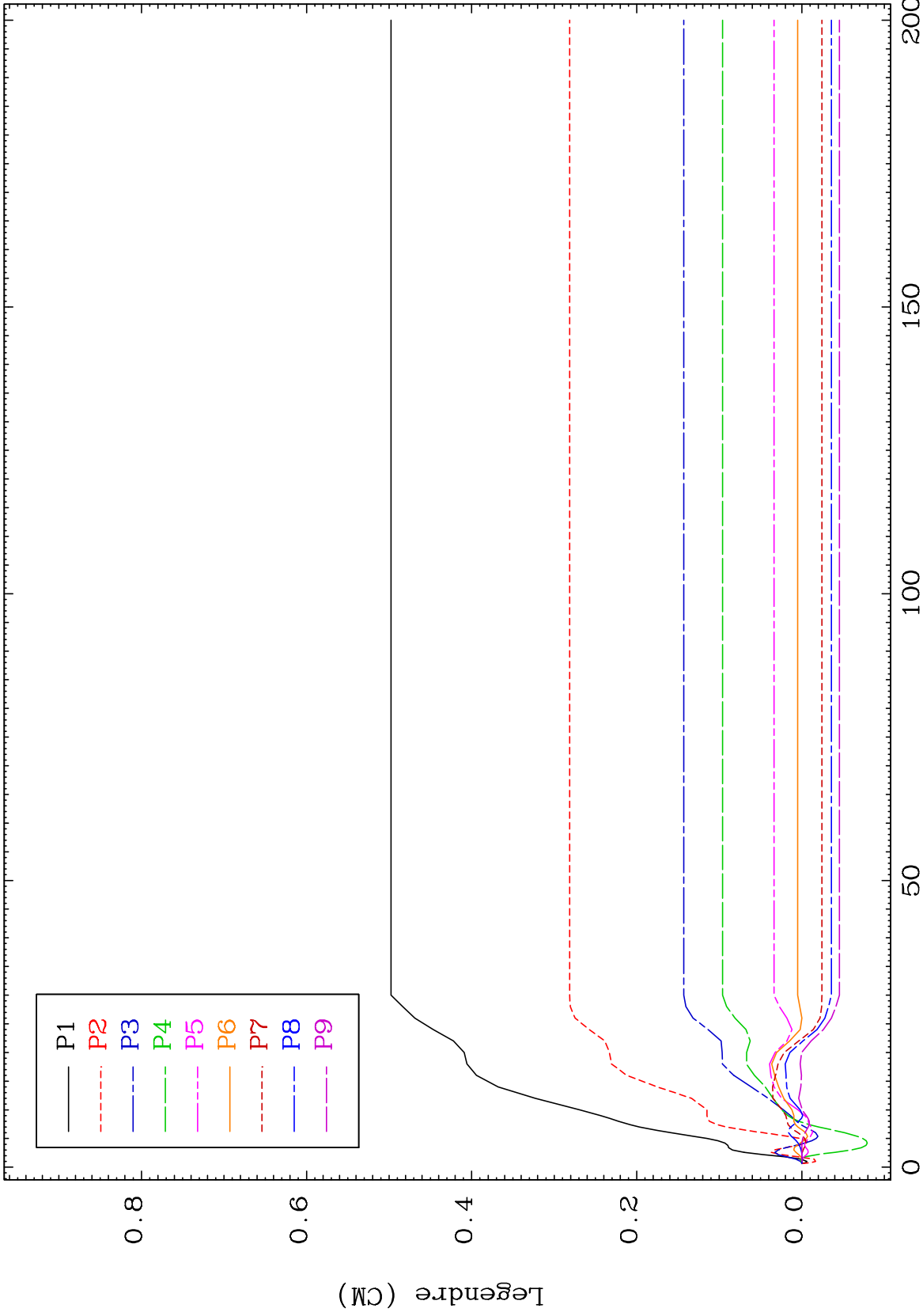


59 Incident Energy (MeV) 55-Cs-131

MAT 5519

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

55-Cs-131



0

50

100

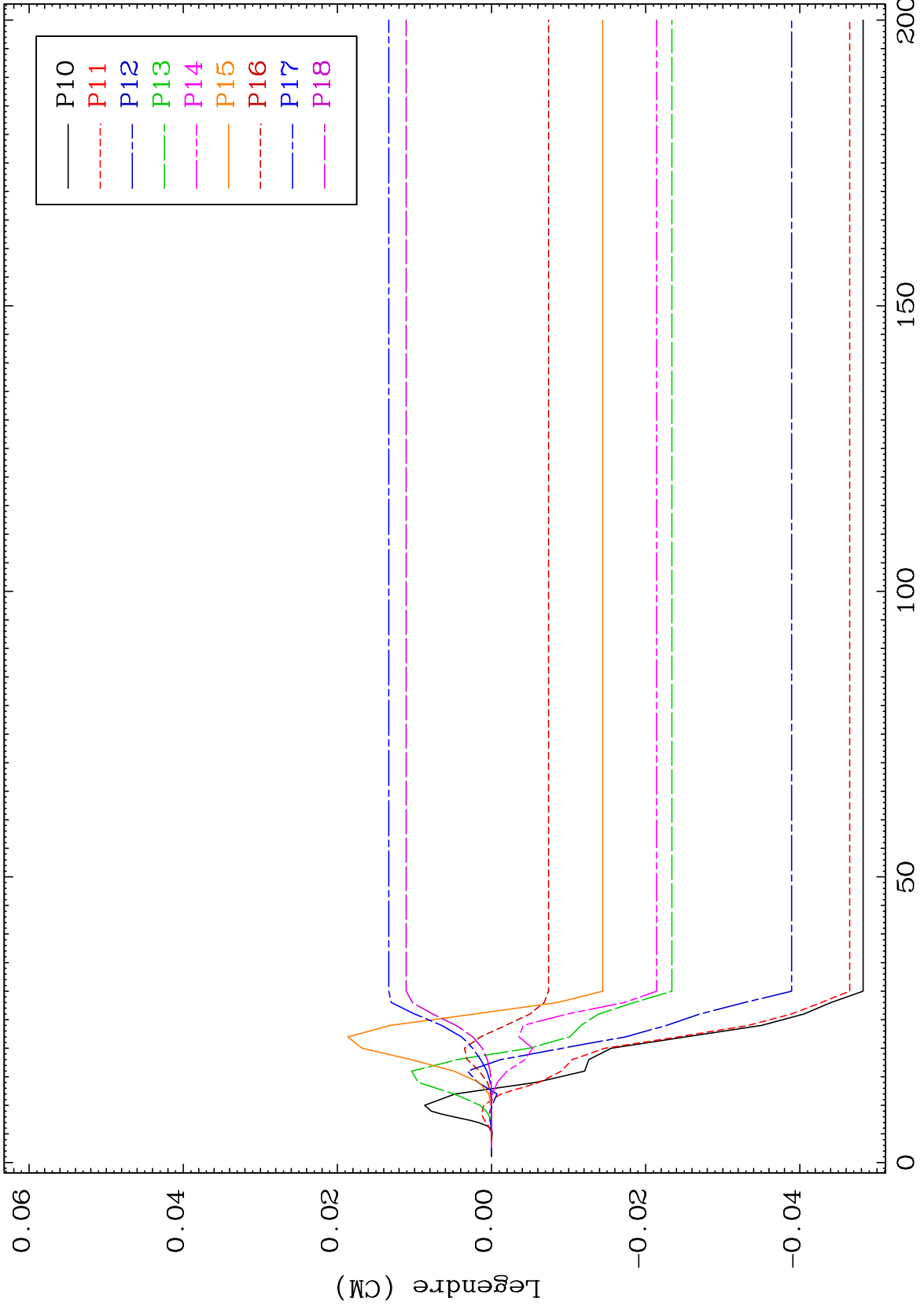
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55-Cs-131

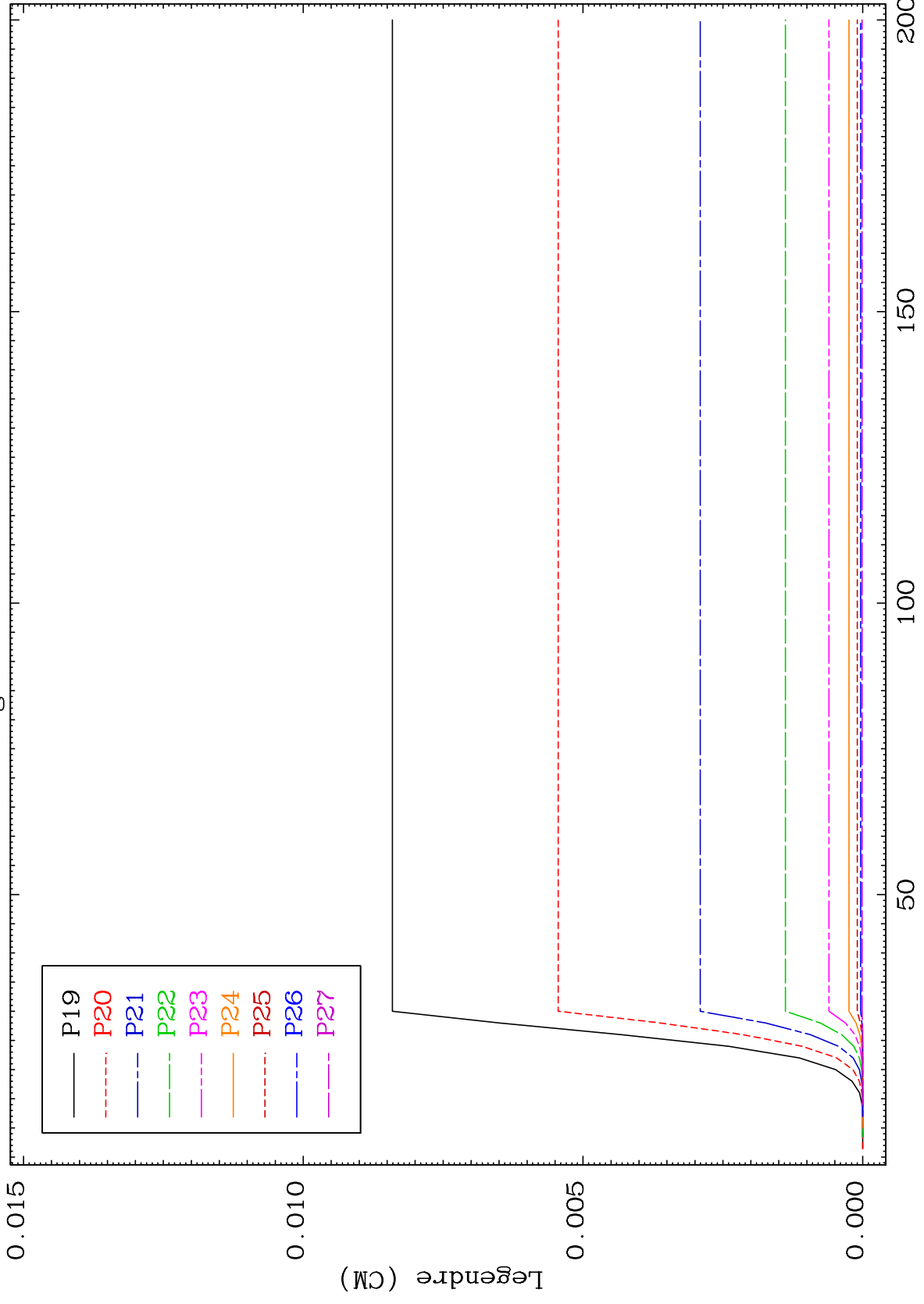
Incident Energy (MeV)

MAT 5519 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-131



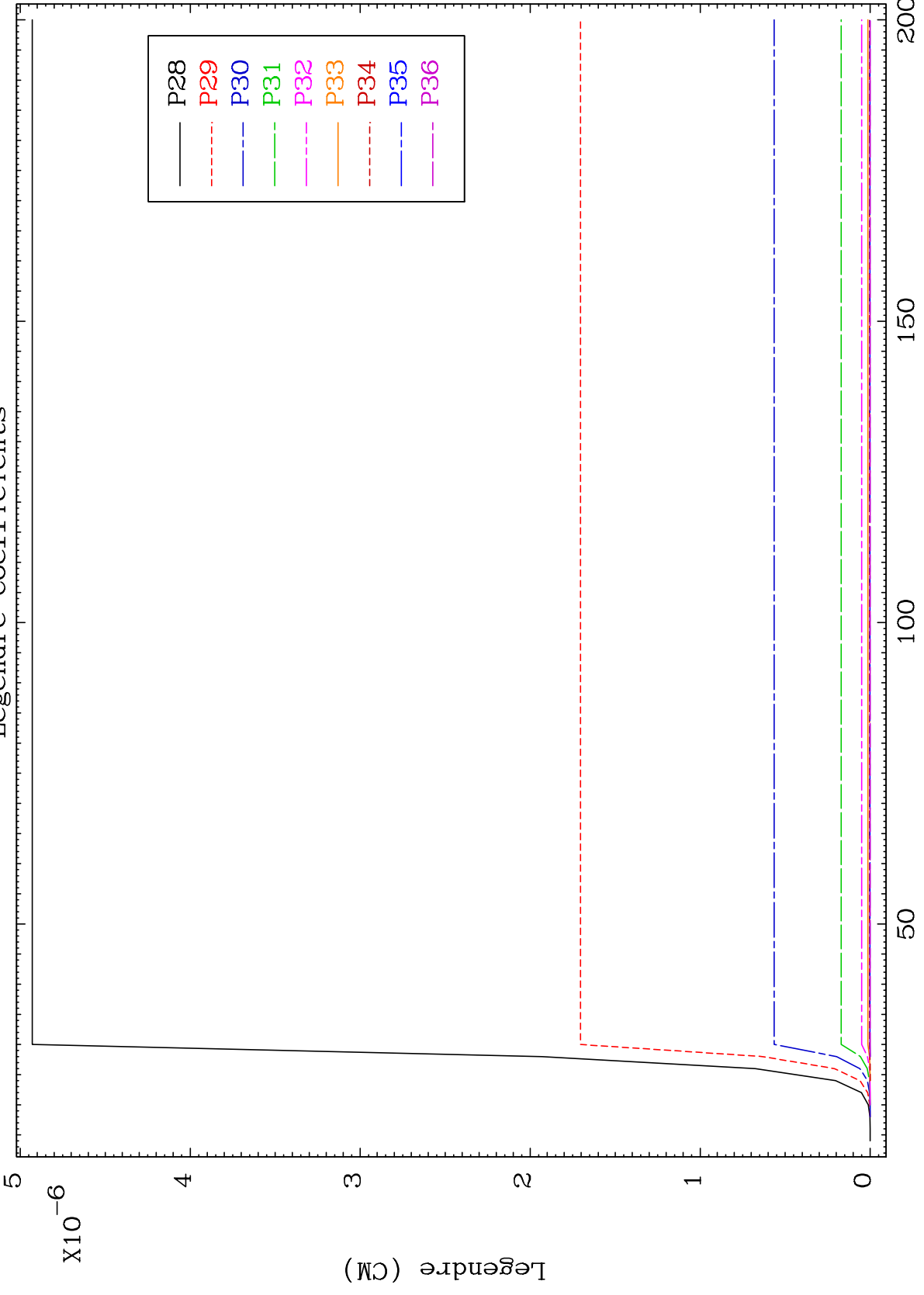
61 55-Cs-131

MAT 5519 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-131



62 55-Cs-131

MAT 5519 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-131



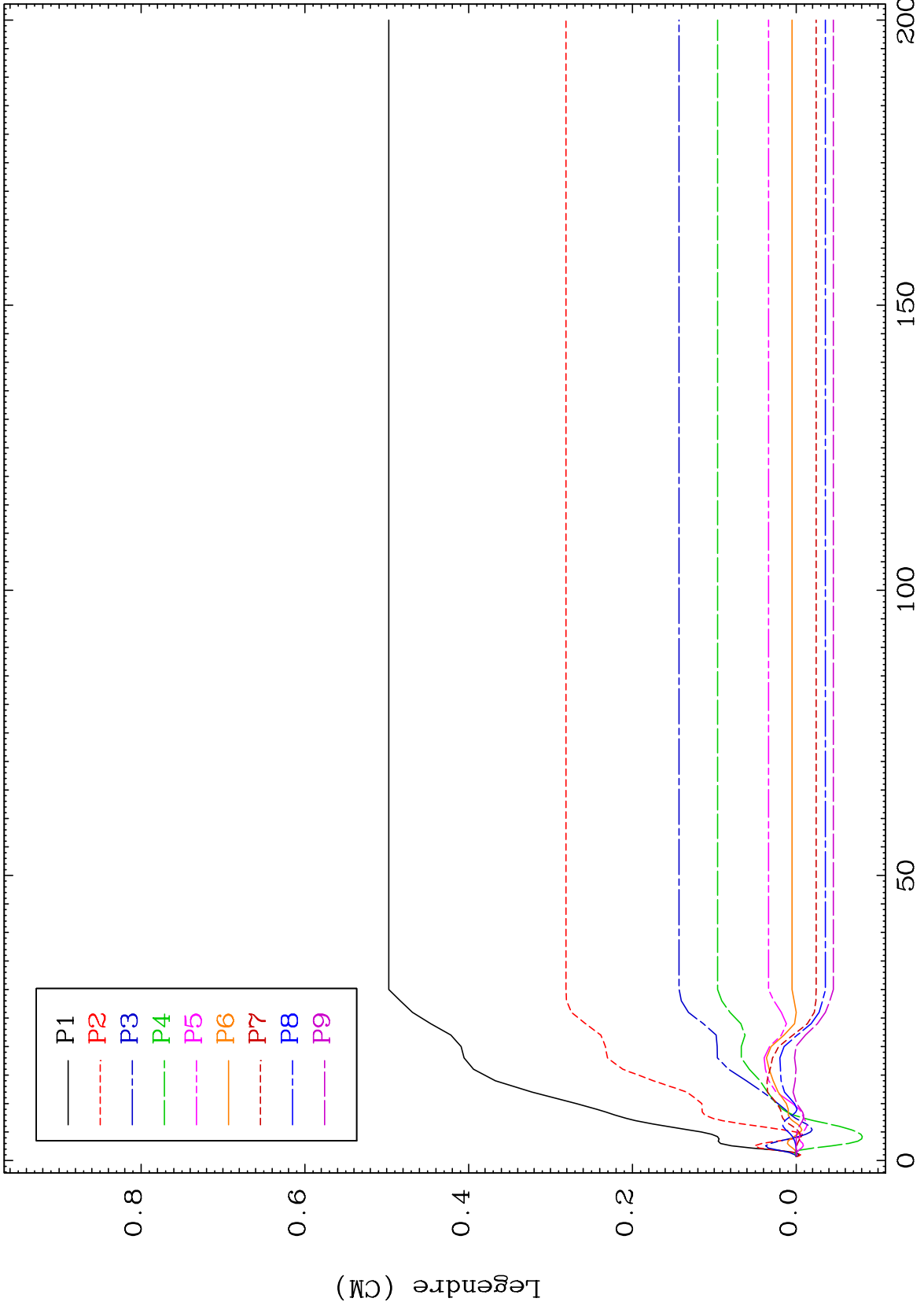
63

55-Cs-131

MAT 5519

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

55-Cs-131



64

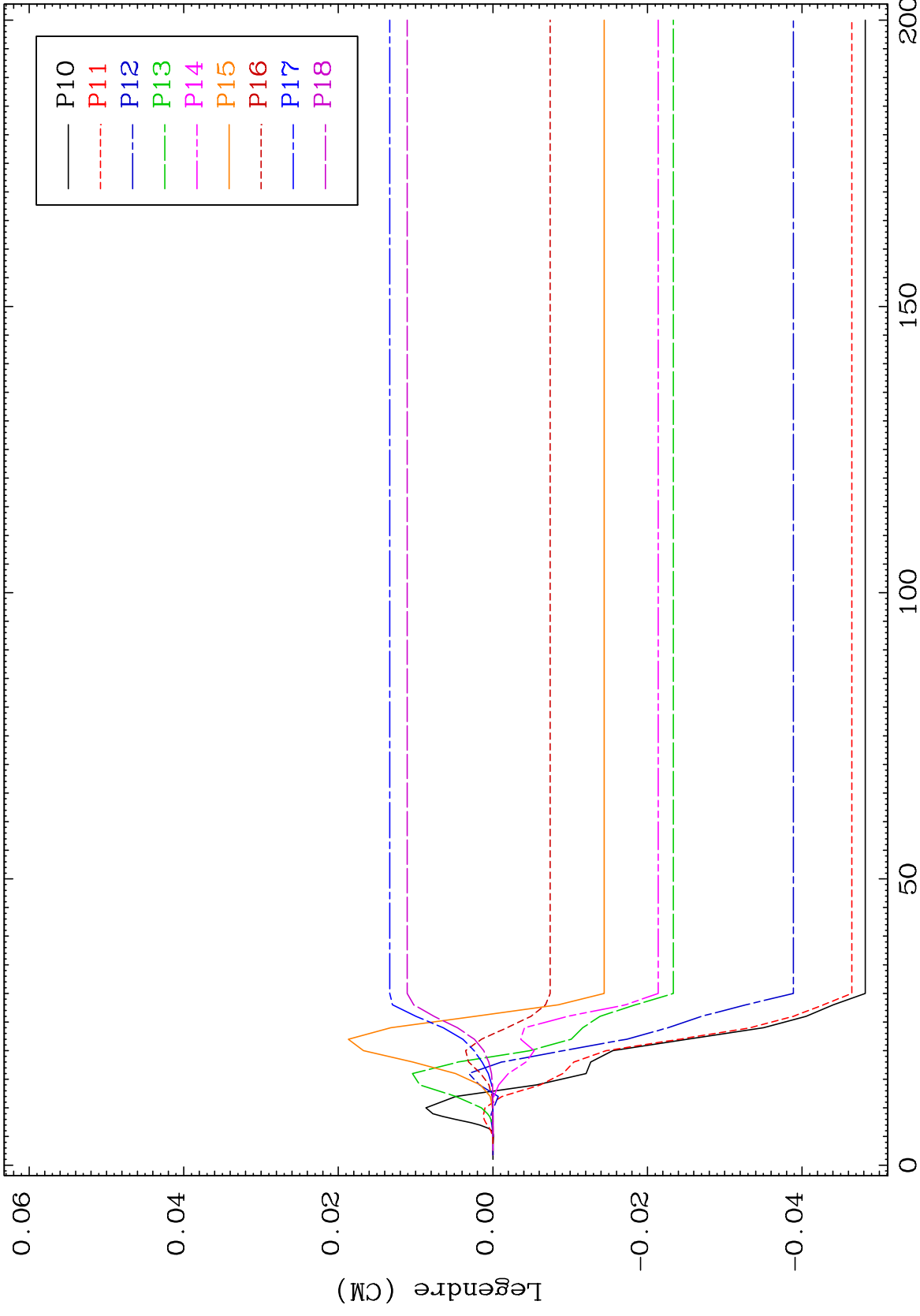
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131

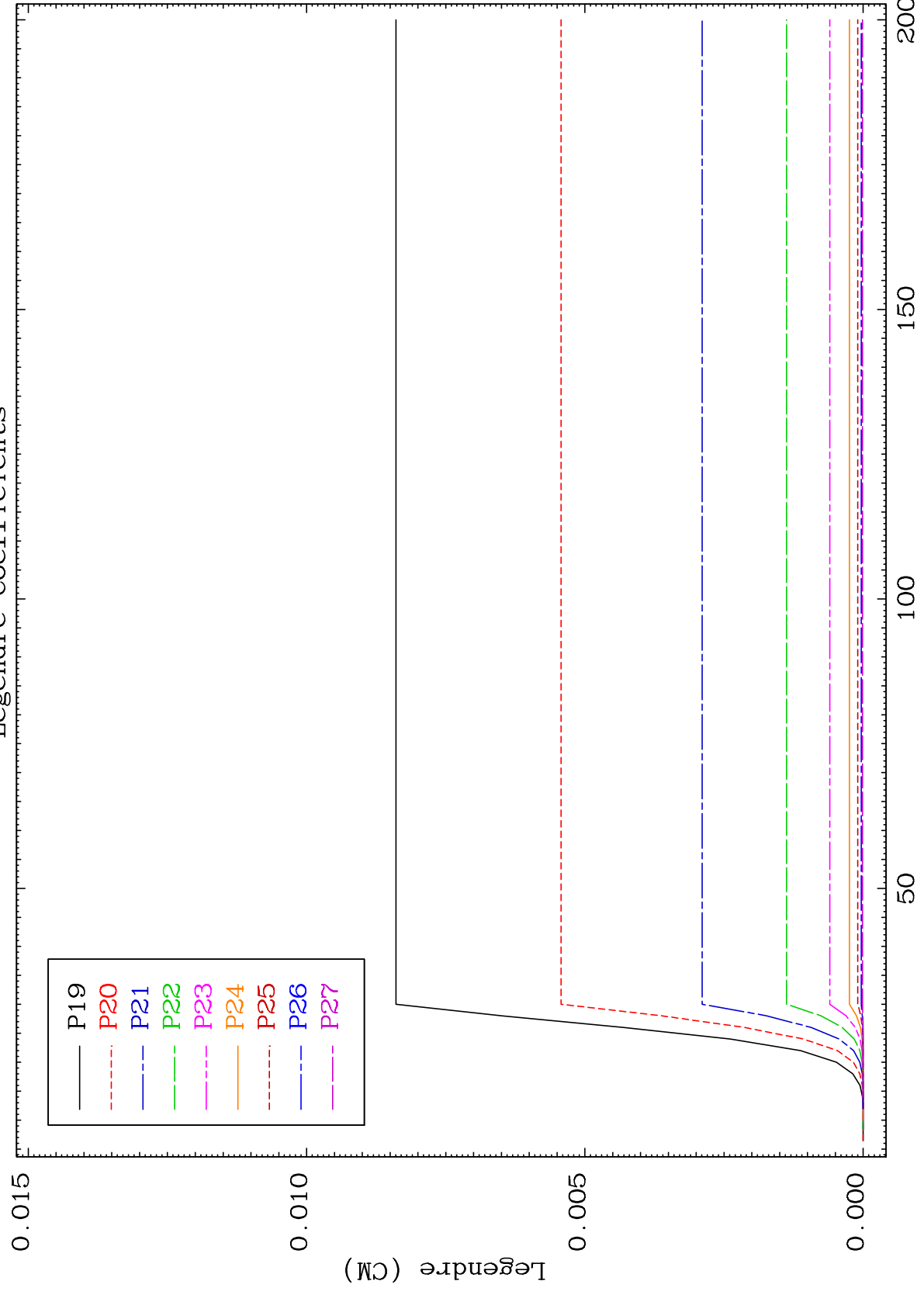


65

Incident Energy (MeV)

55-Cs-131

MAT 5519 MT= 62 (n,n') Level Legendre Coefficients 55-Cs-131

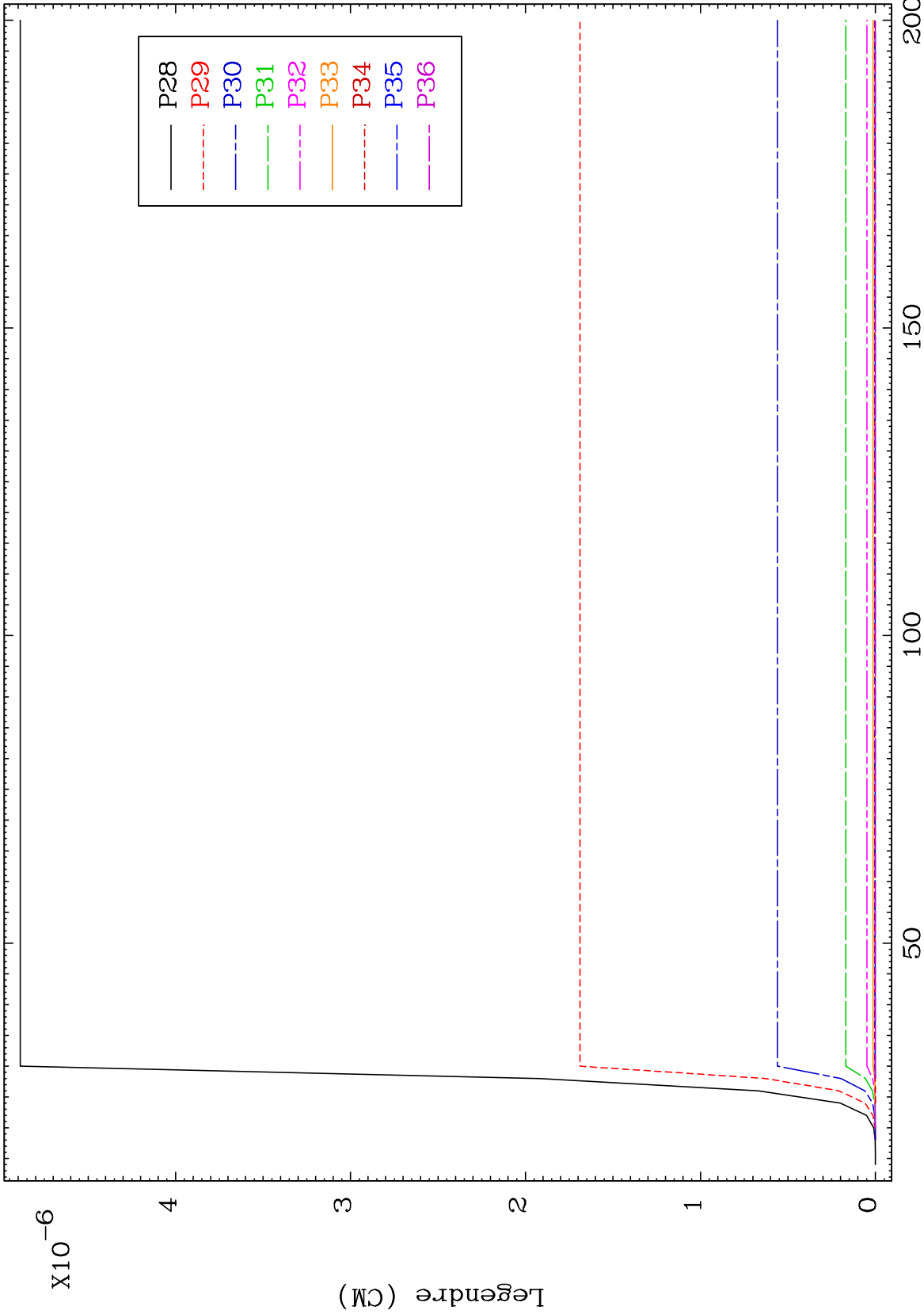


55-Cs-131 Incident Energy (MeV)

MAT 5519

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

55-Cs-131



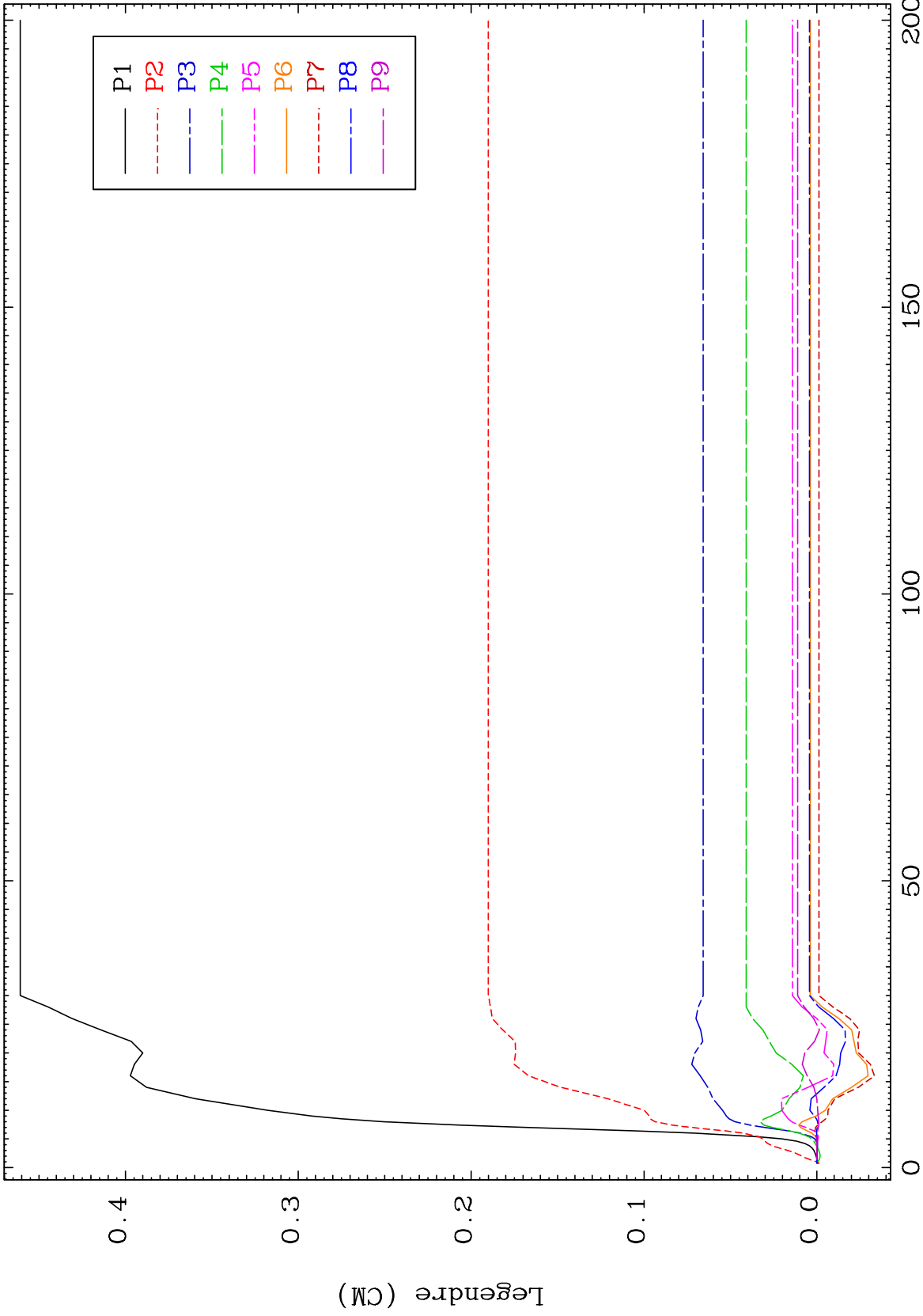
67

55-Cs-131

MAT 5519

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

55-Cs-131



68

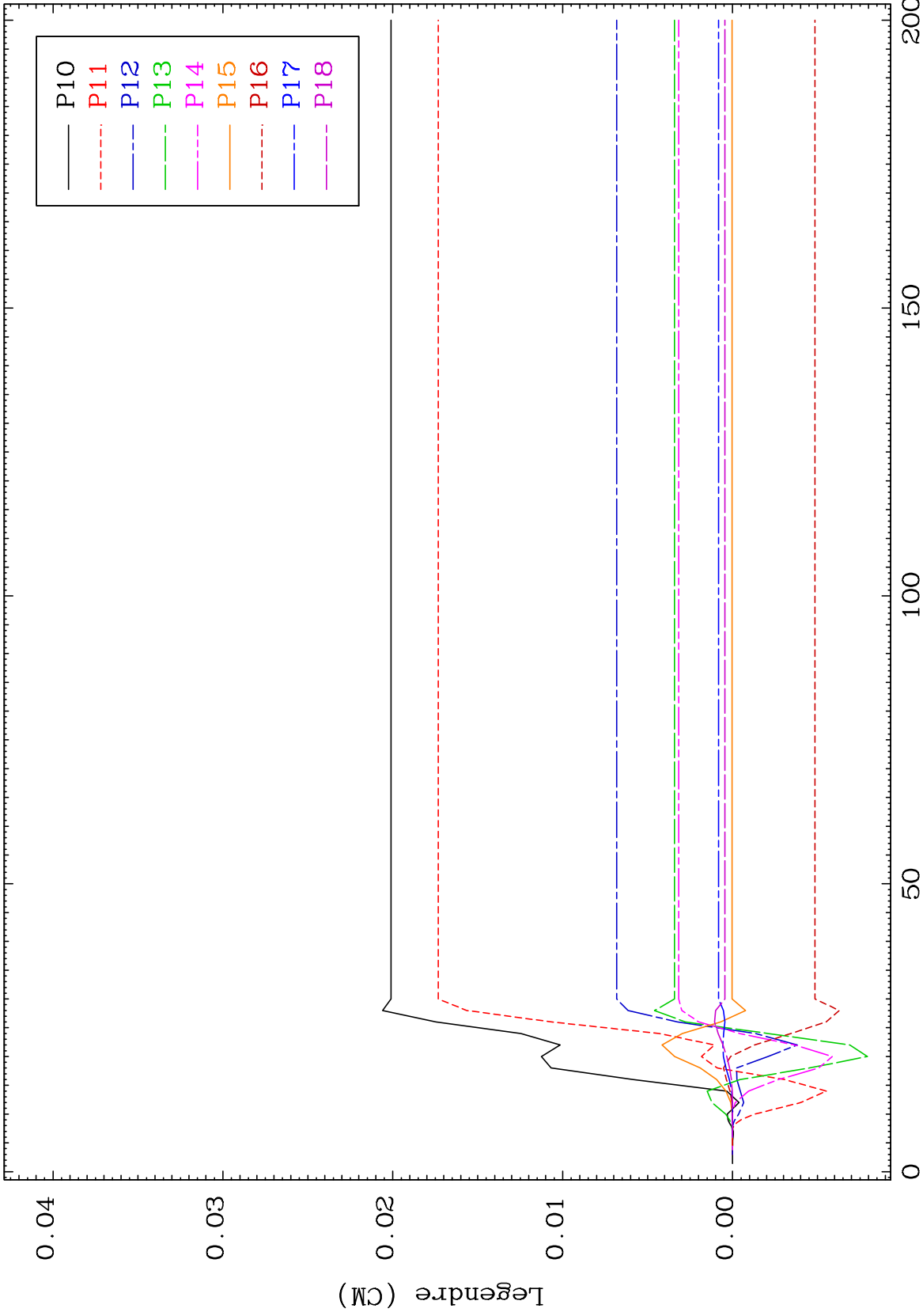
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



69

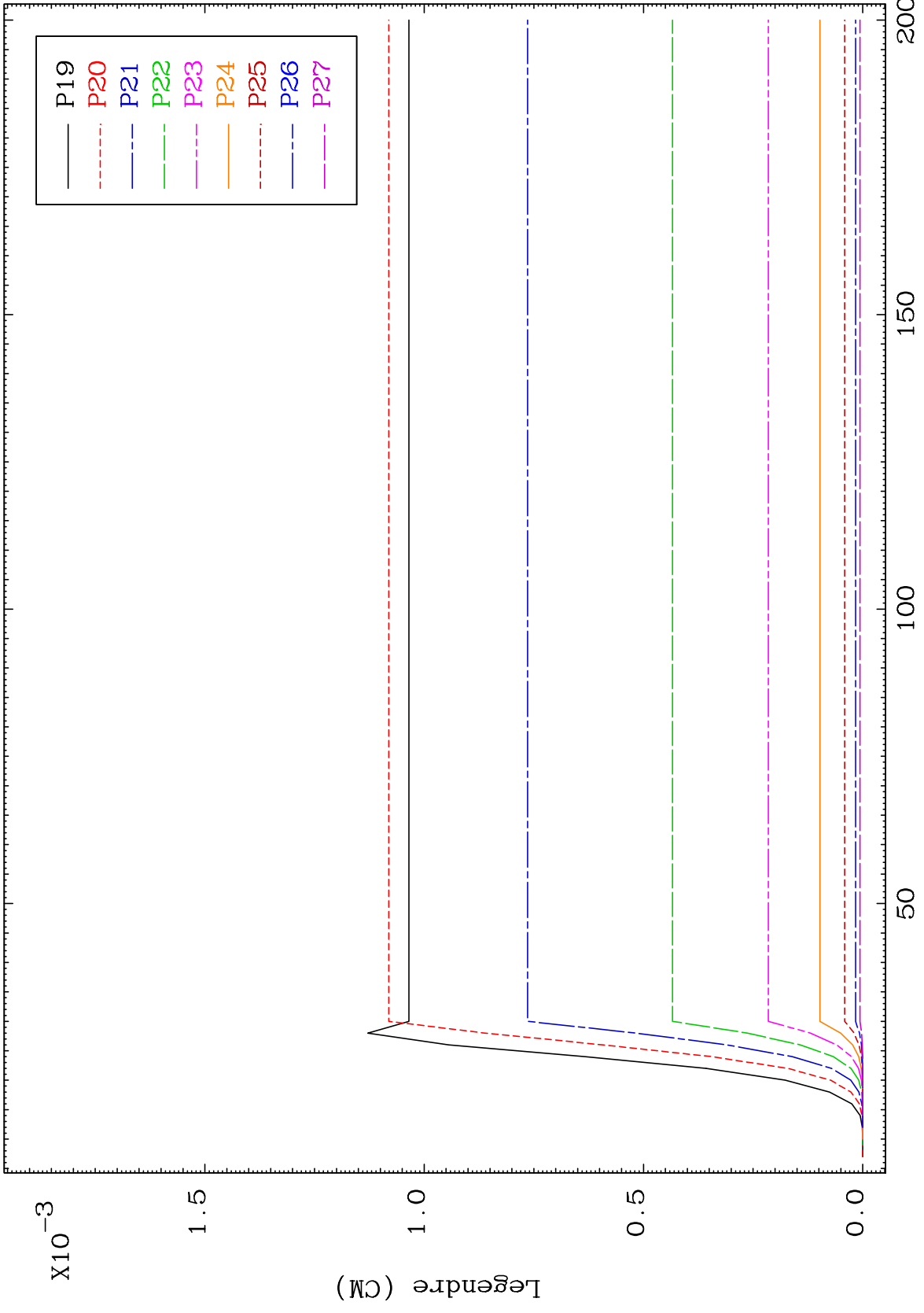
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



70

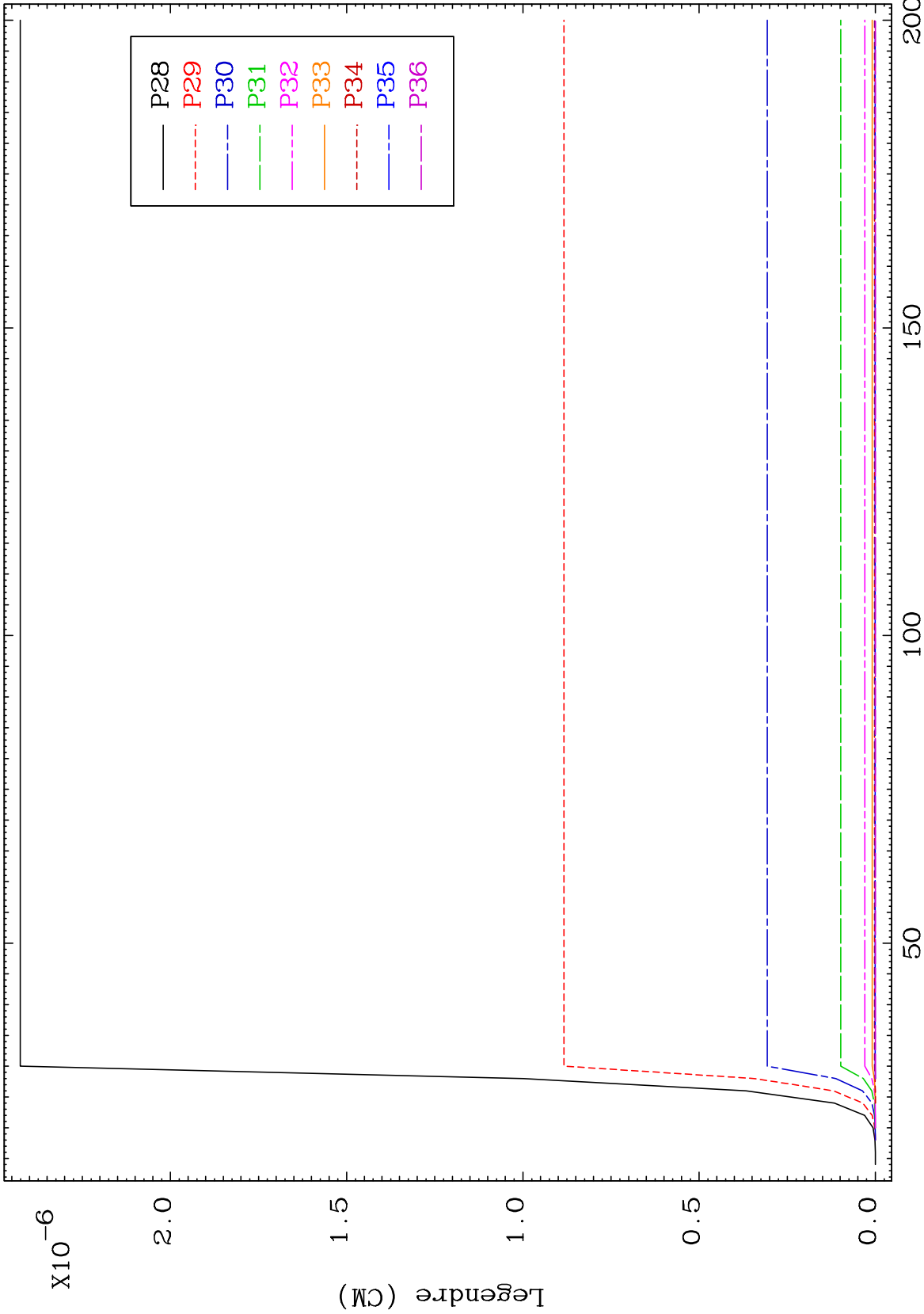
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



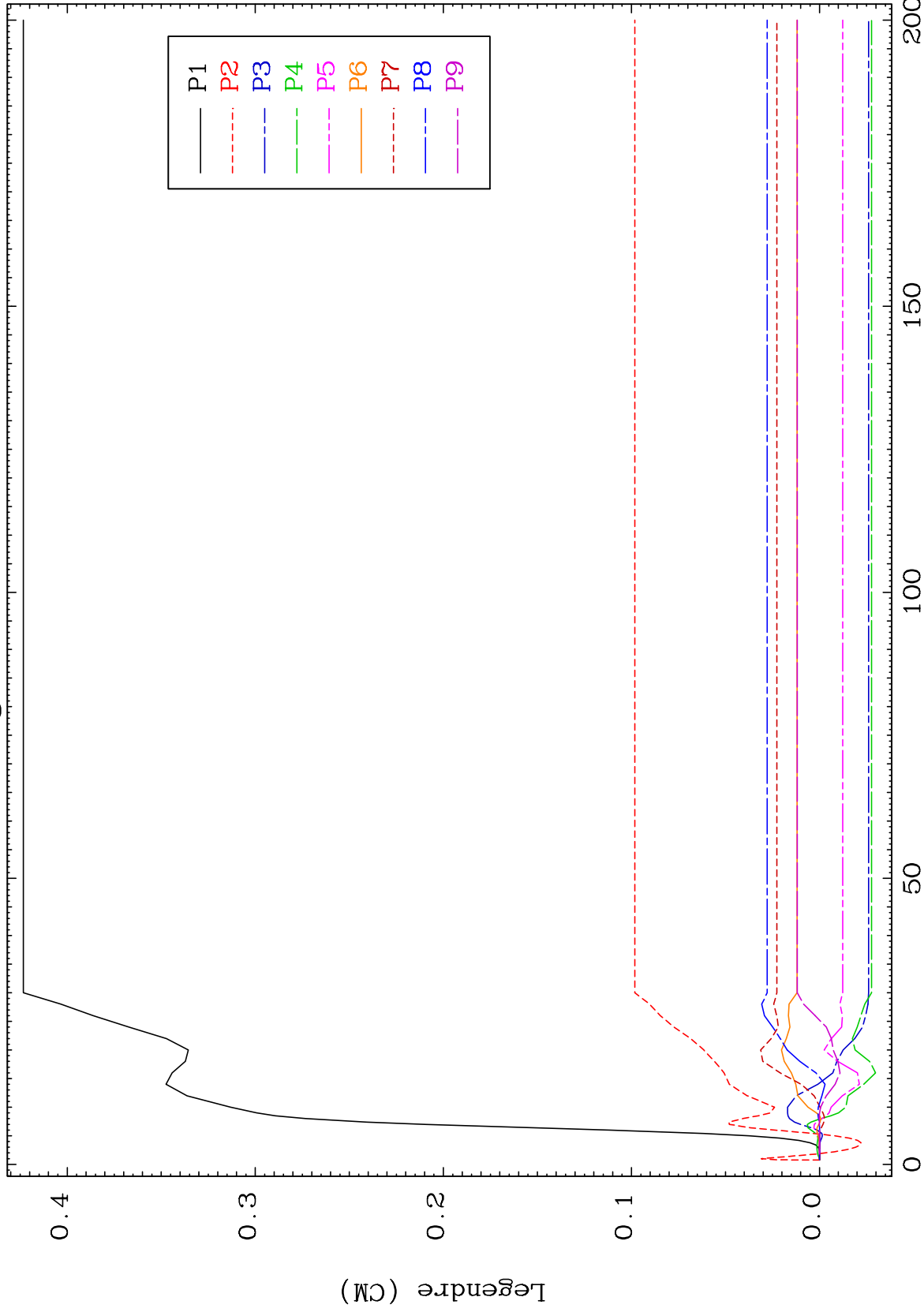
71

55-Cs-131

MAT 5519

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

55-Cs-131

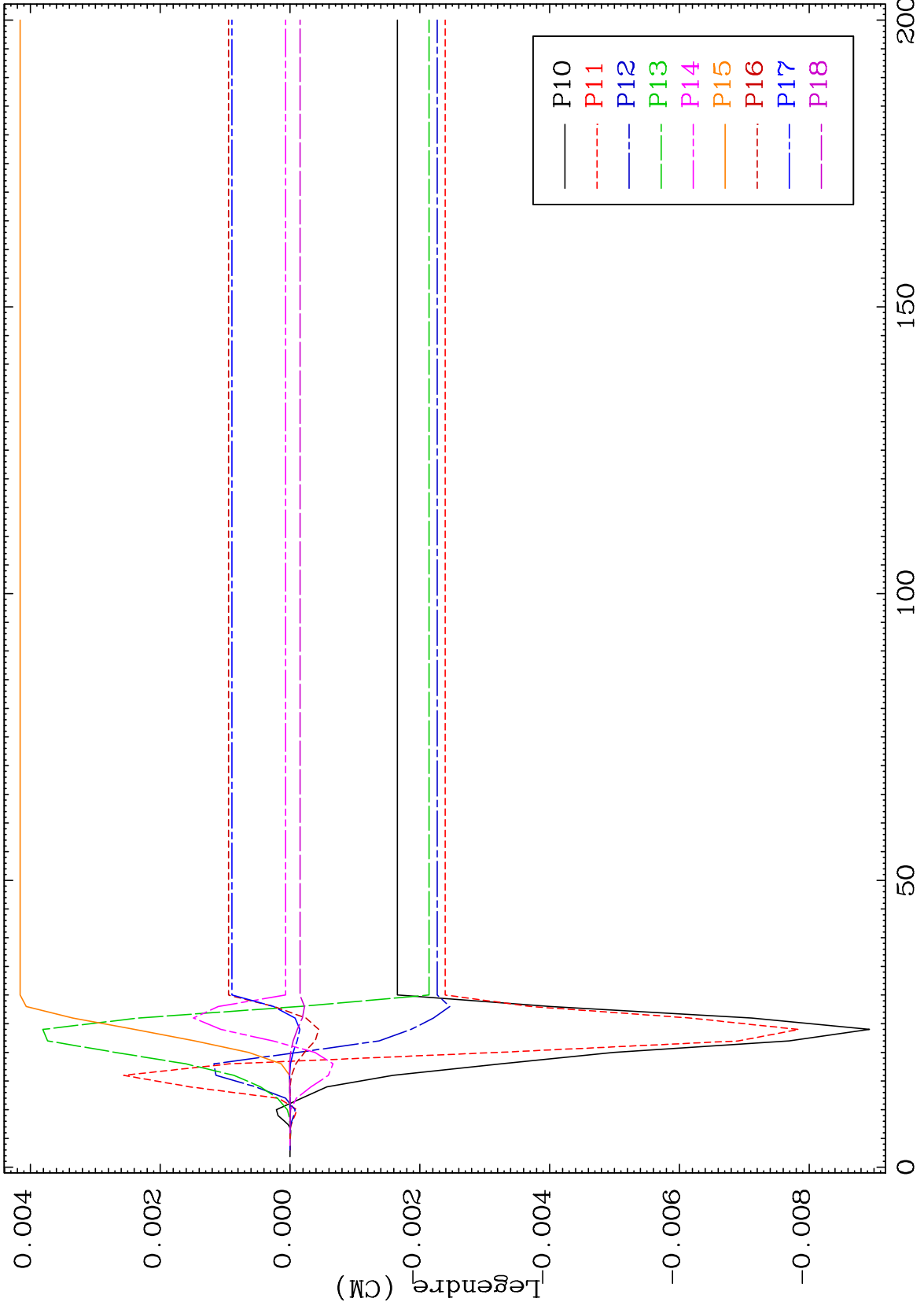


72

Incident Energy (MeV)

55-Cs-131

MAT 5519 MT= 64 (n,n') Level Legendre Coefficients 55-Cs-131

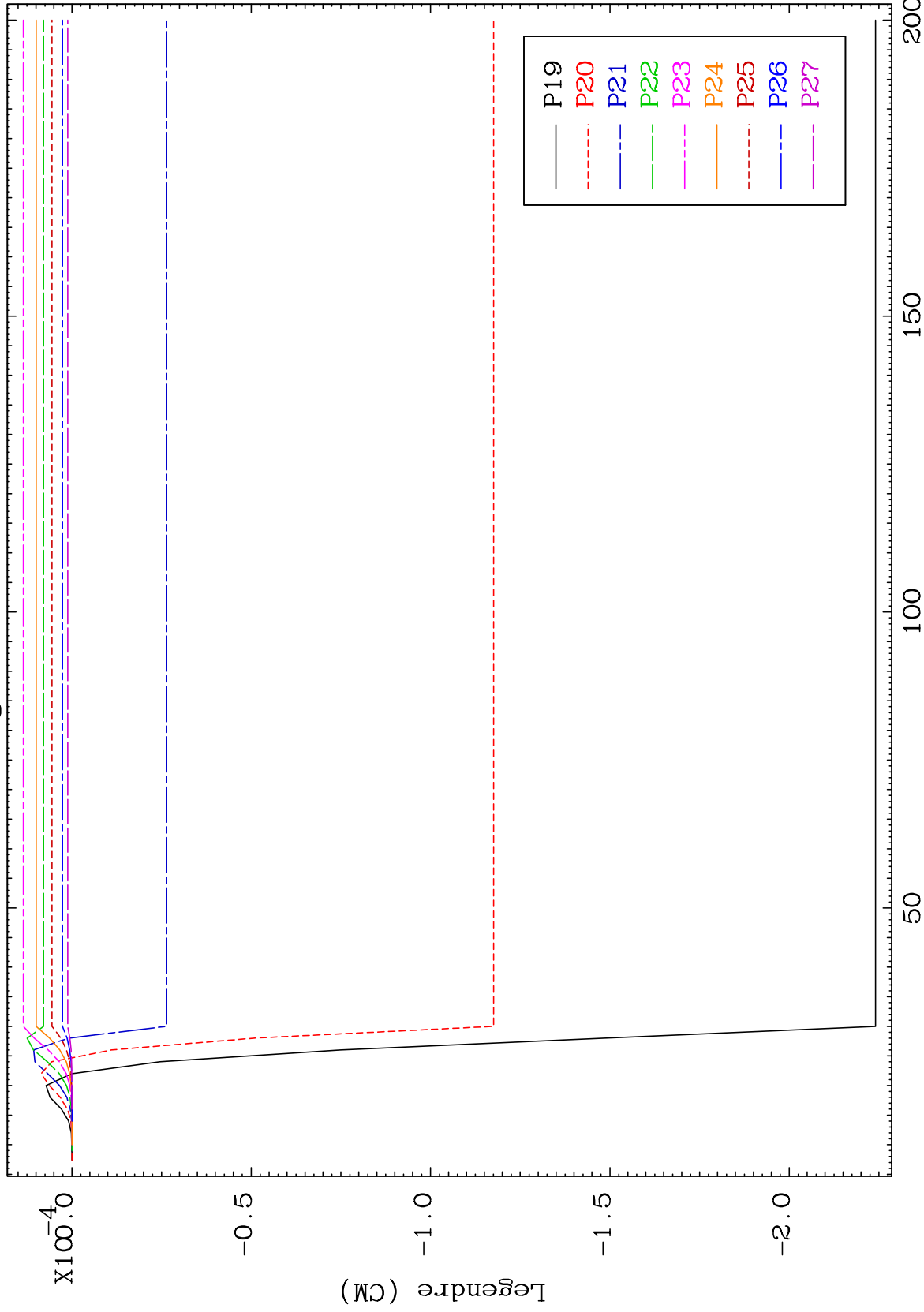


73 55-Cs-131

MAT 5519

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

55-Cs-131



55-Cs-131

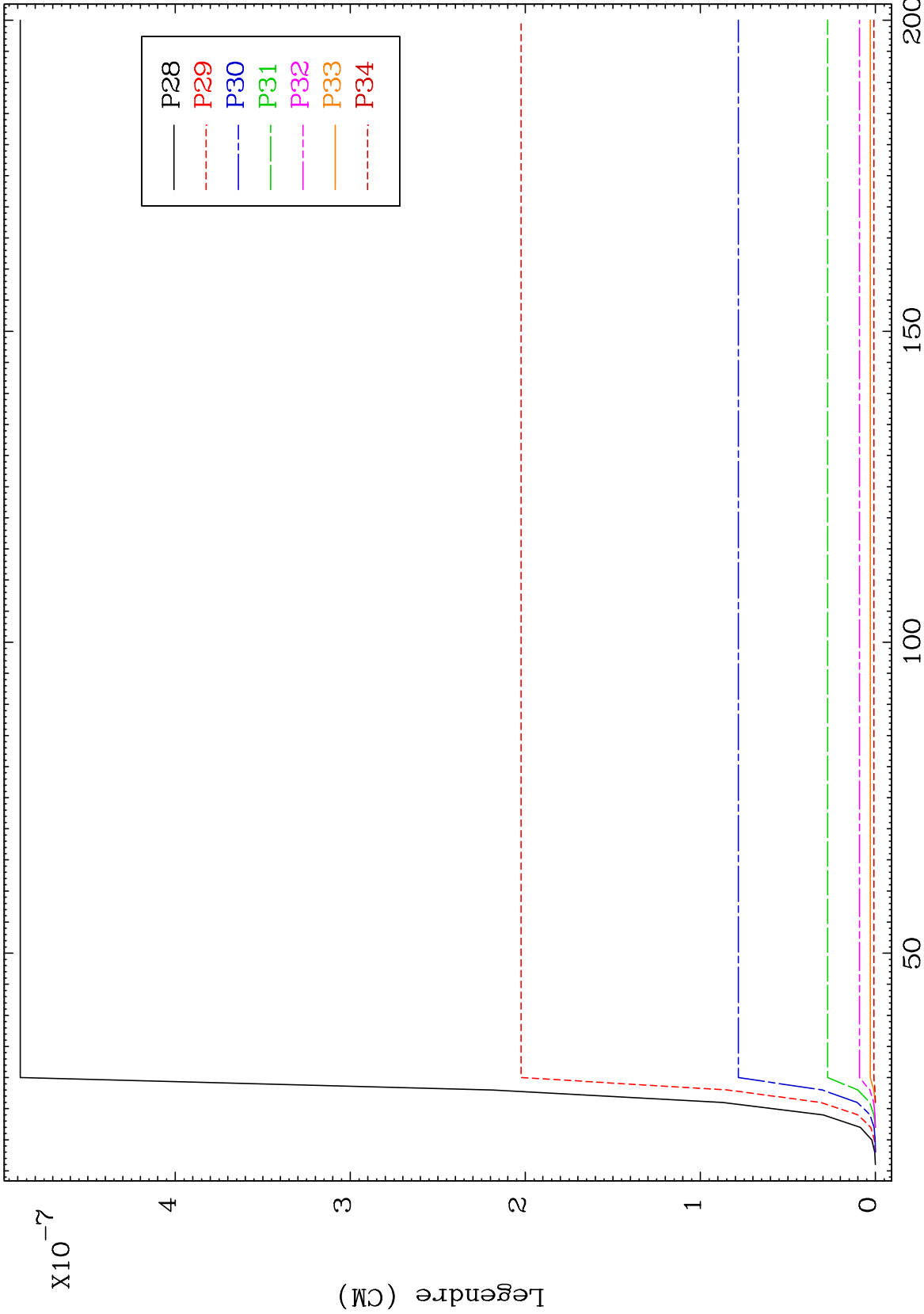
Incident Energy (MeV)

74

MAT 5519

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

55-Cs-131



75

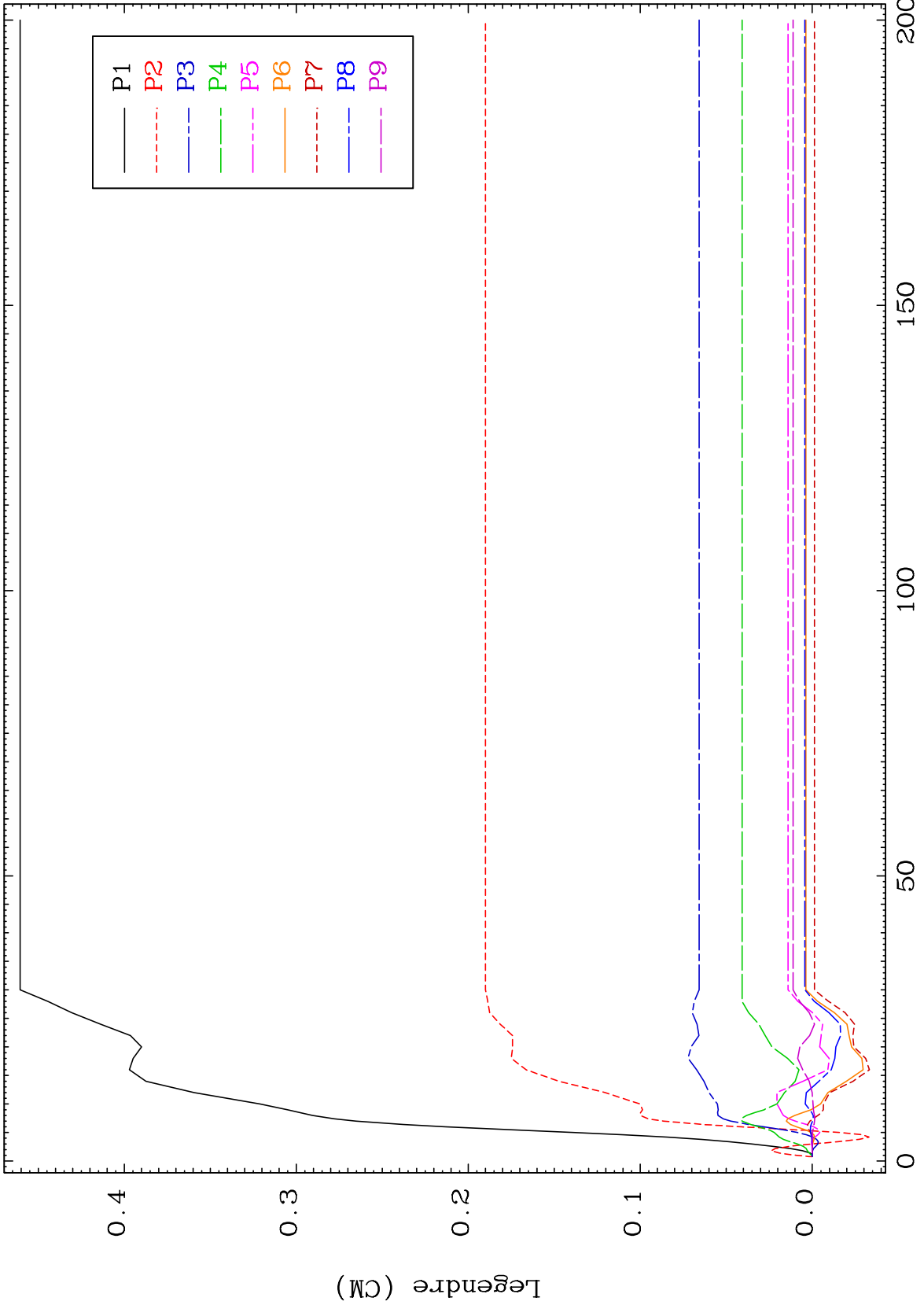
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



76

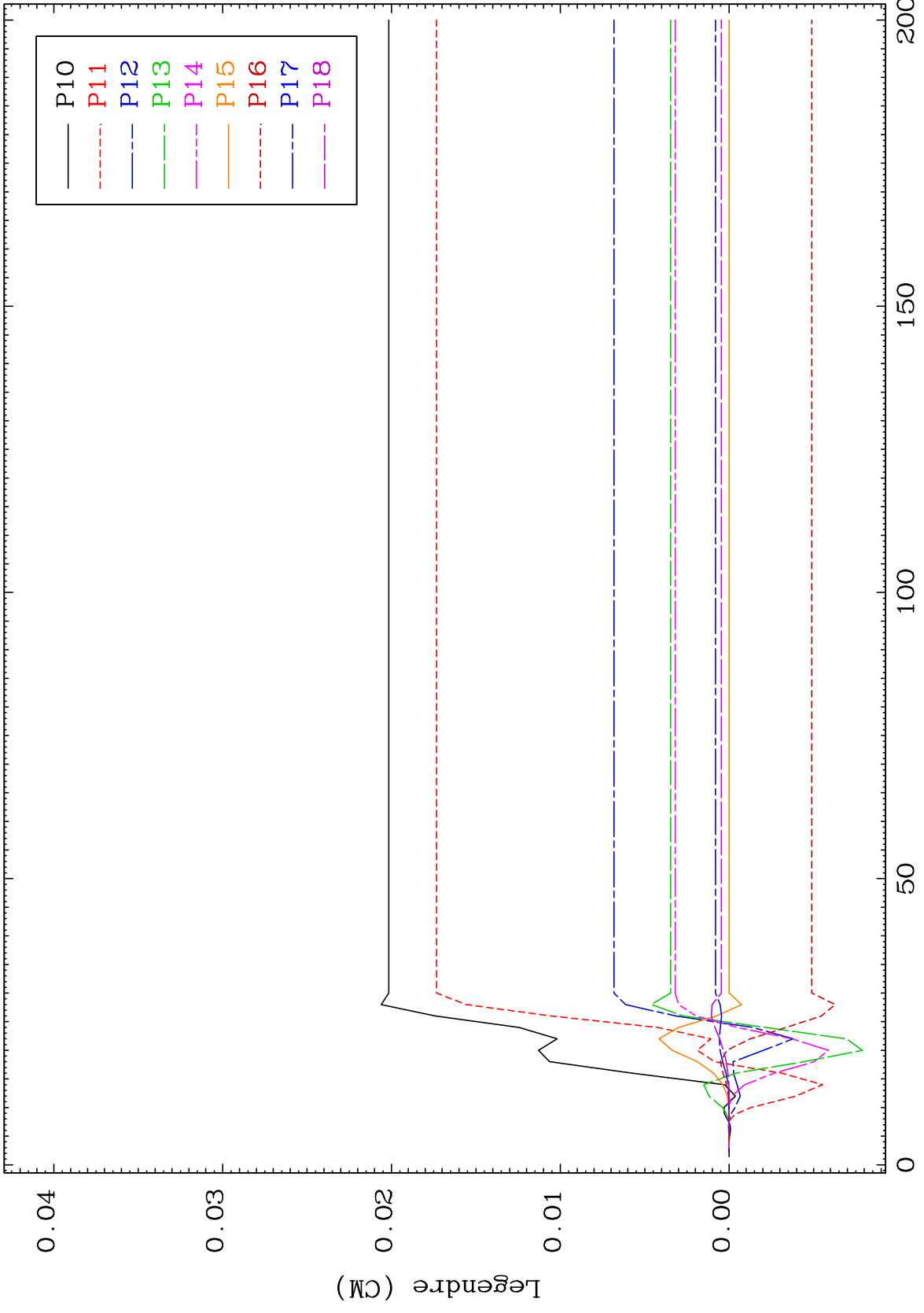
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



77

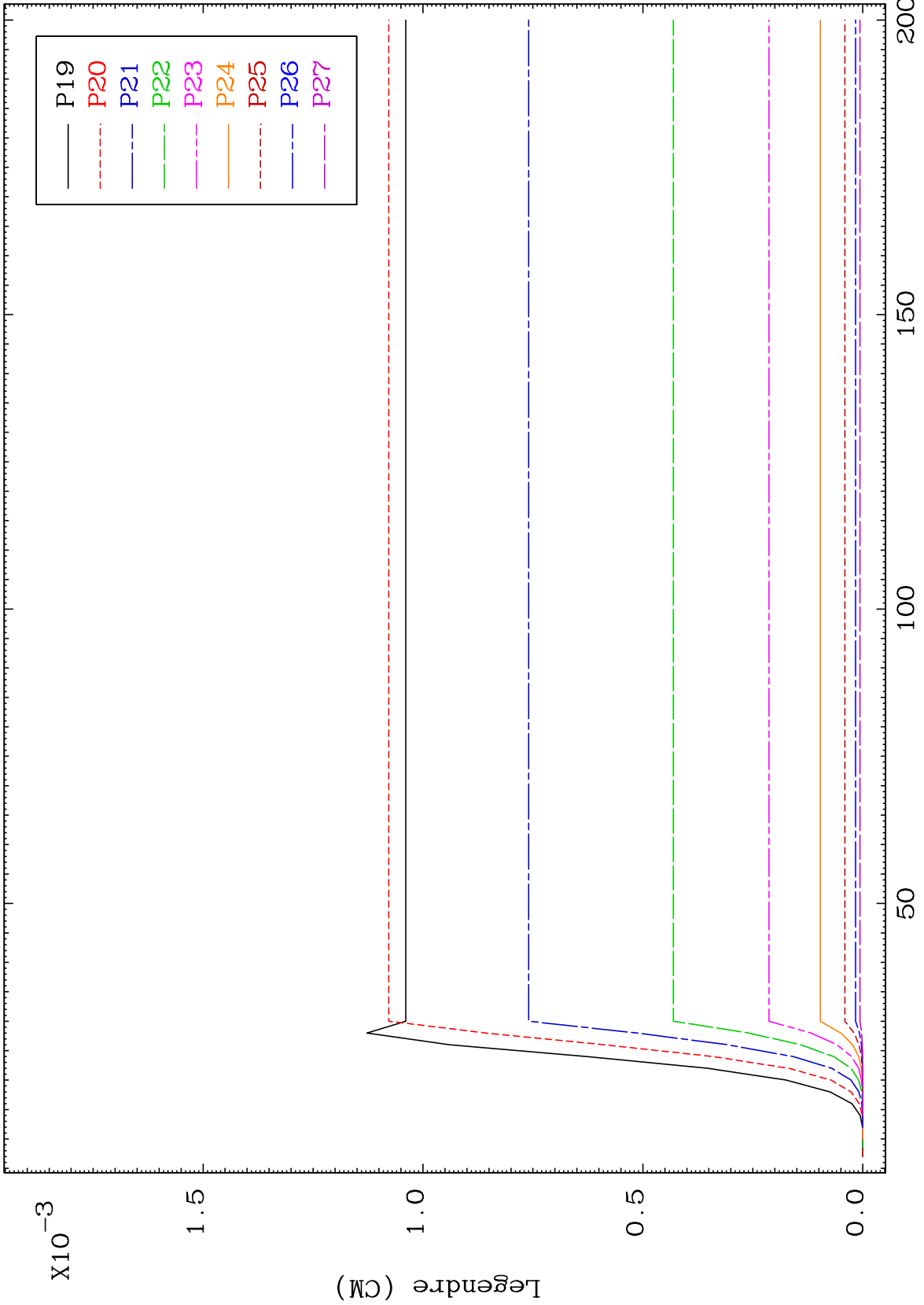
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



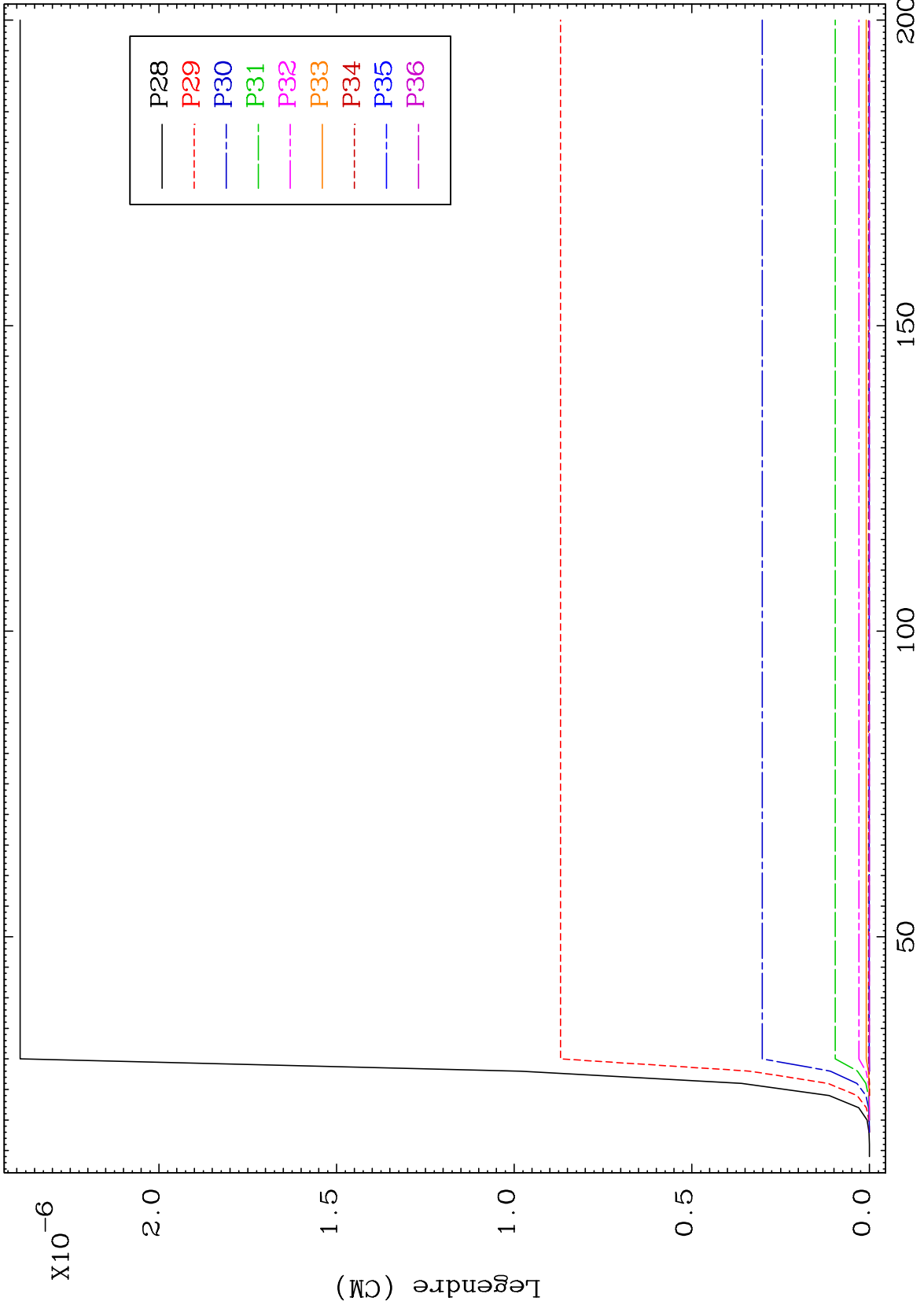
78

55-Cs-131

MAT 5519

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

55-Cs-131



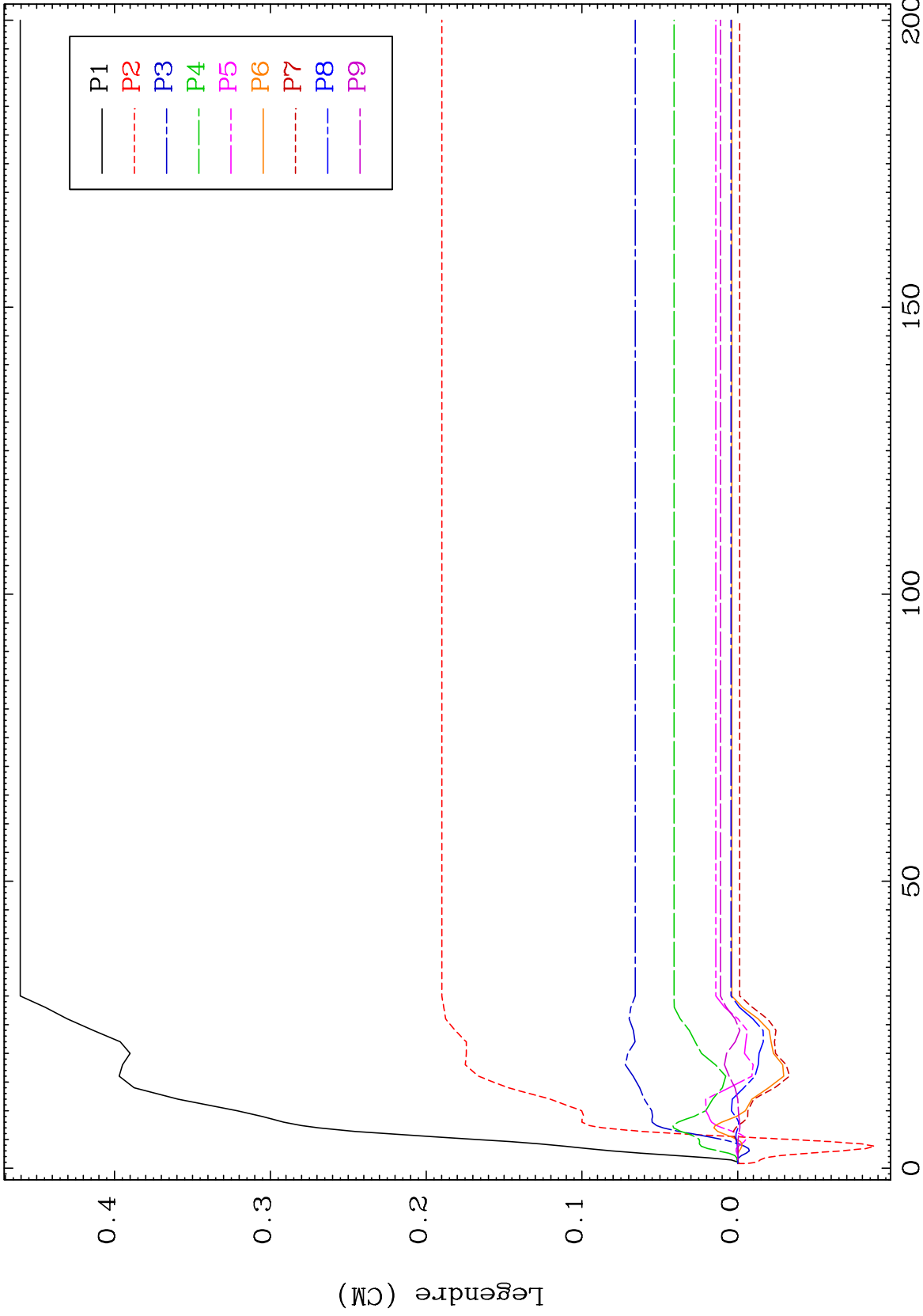
79

55-Cs-131

MAT 5519

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

55-Cs-131



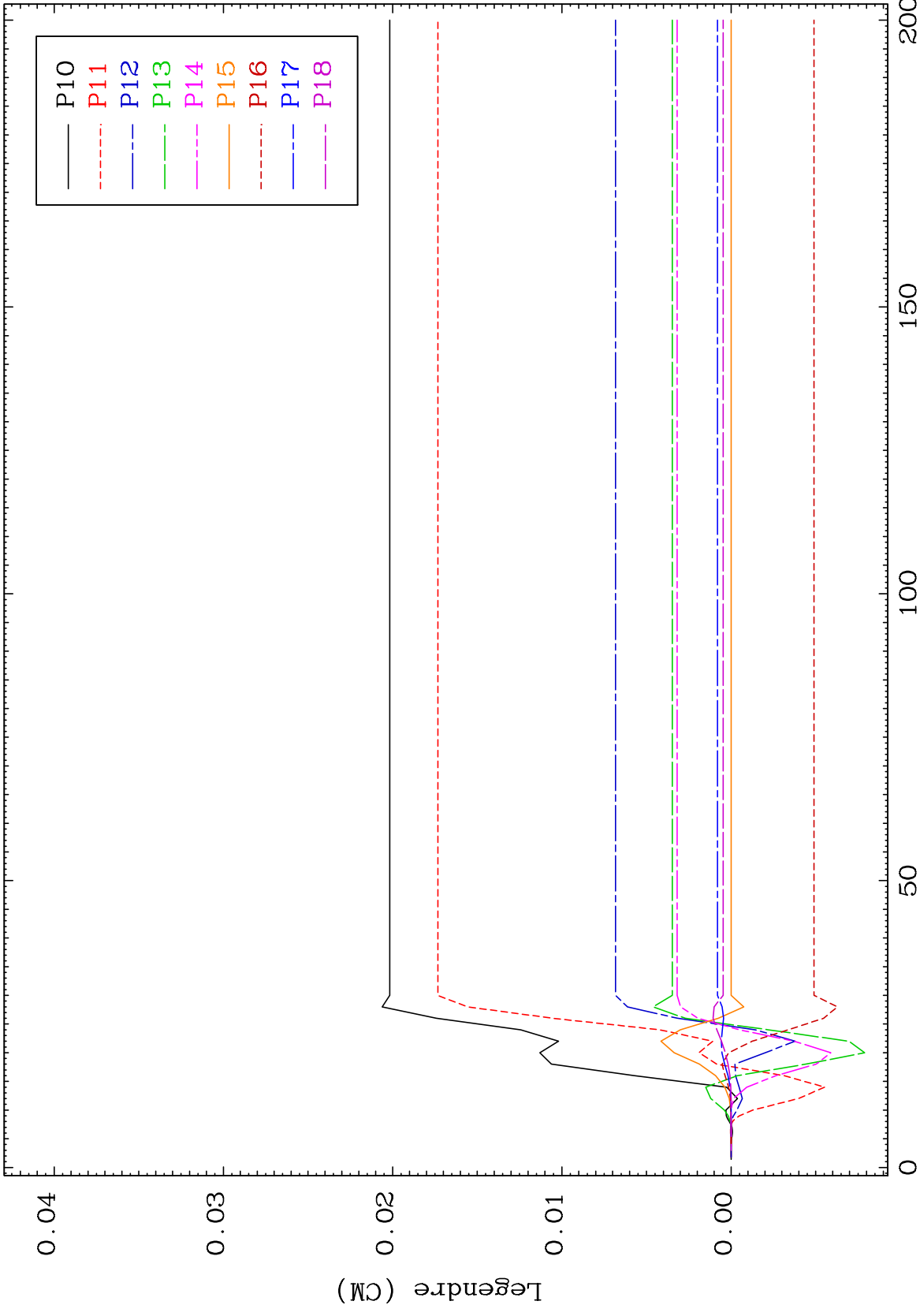
55-Cs-131

Incident Energy (MeV)

MAT 5519

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

55-Cs-131



81

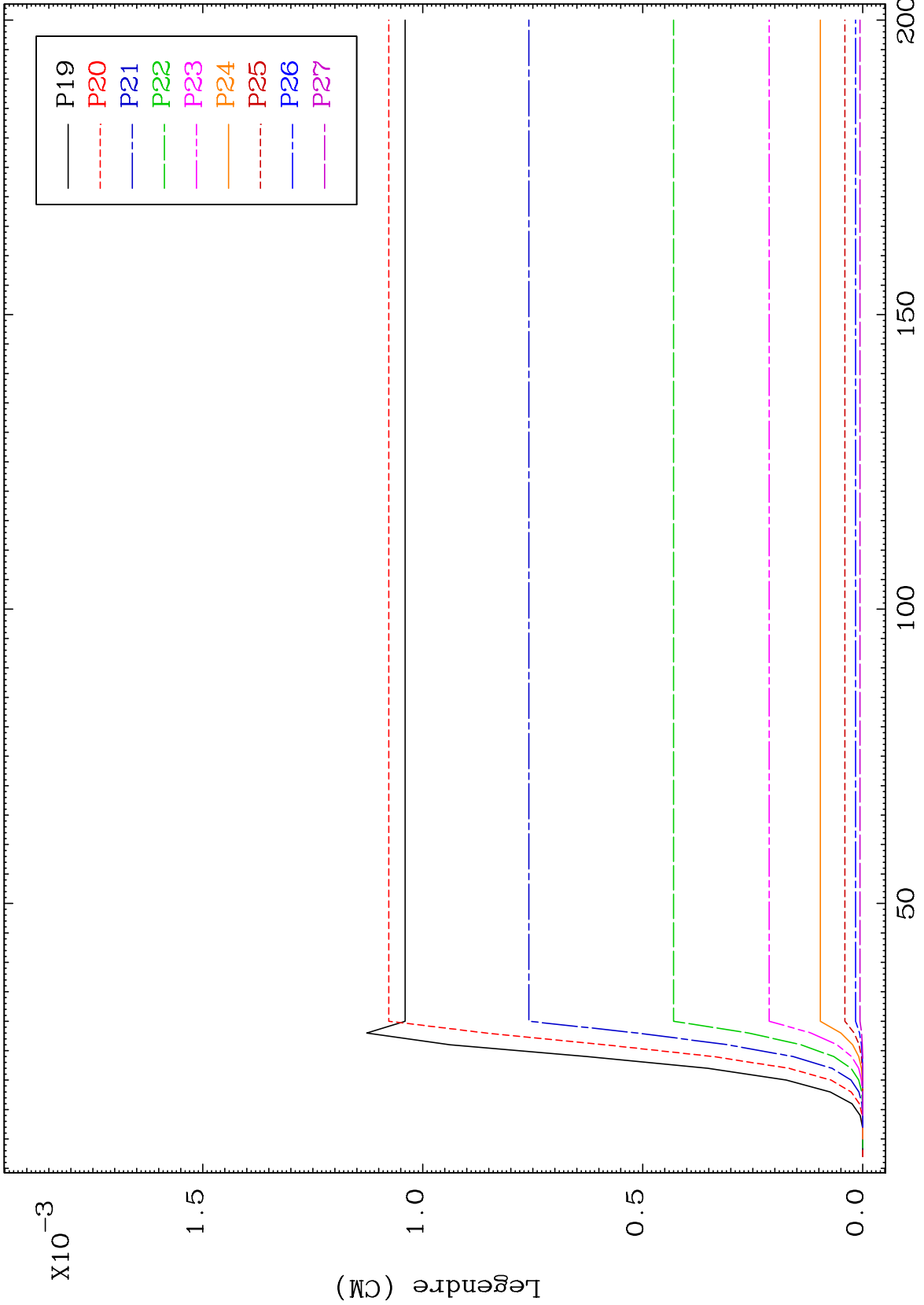
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



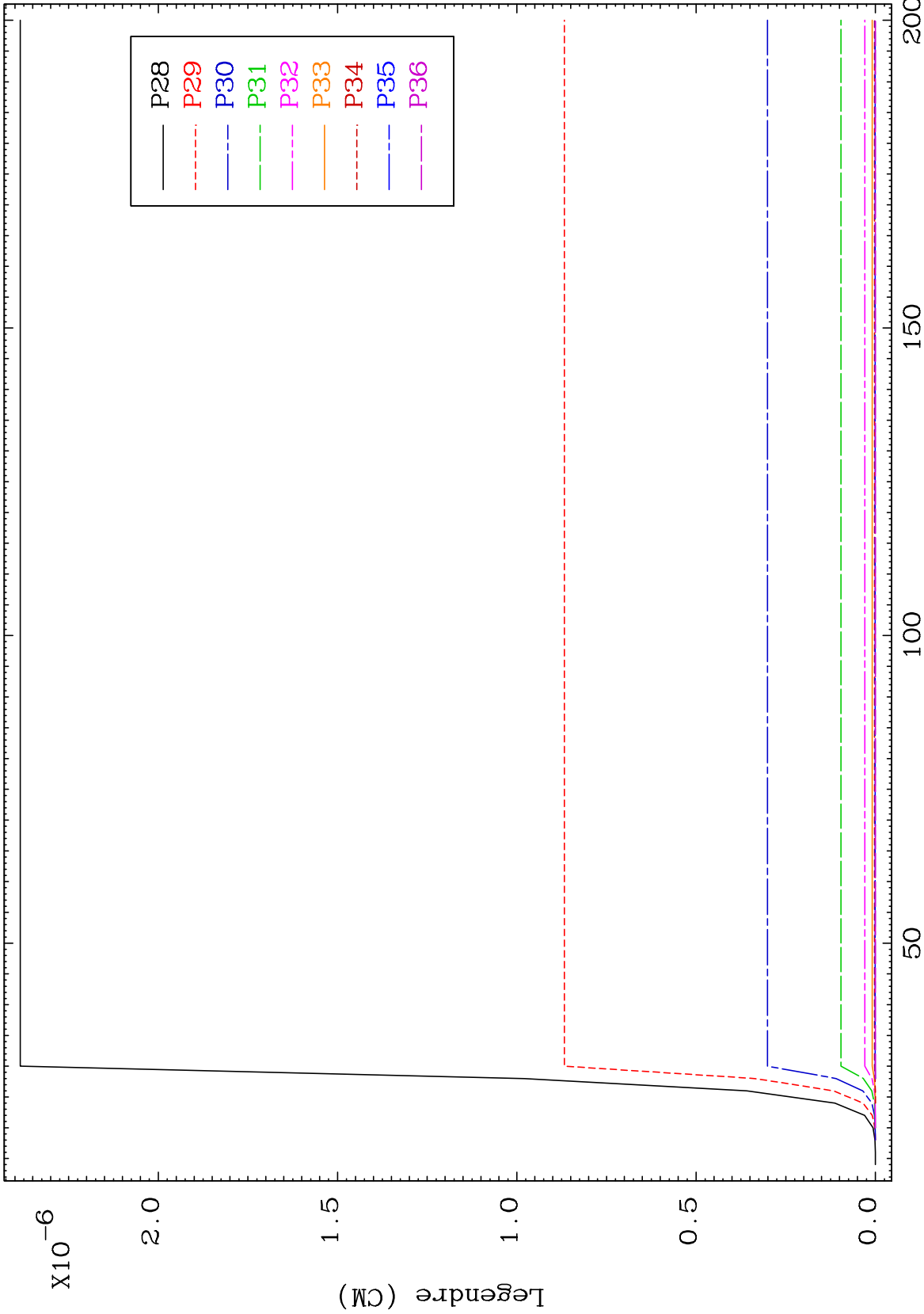
82

55-Cs-131

MAT 5519

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

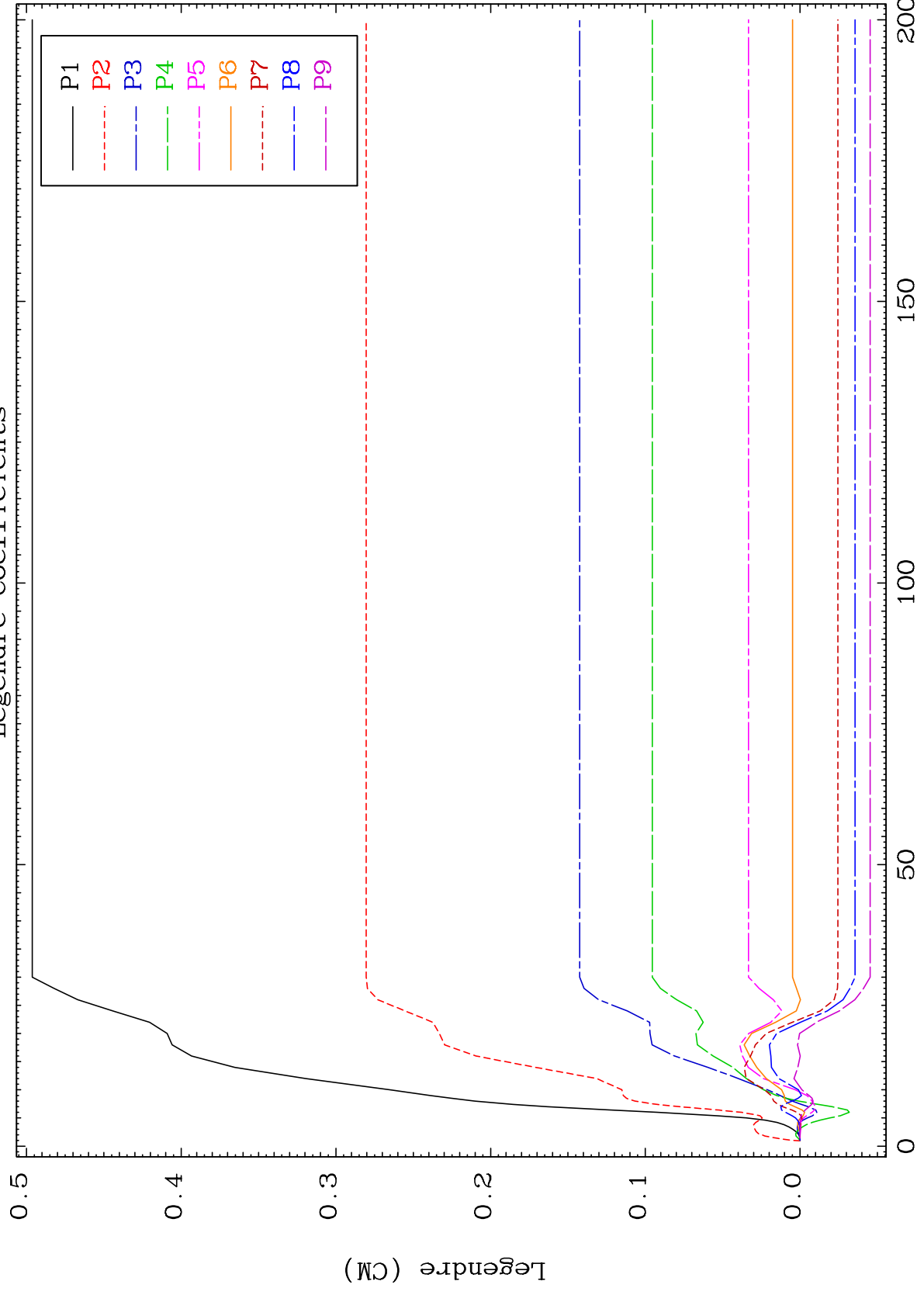
55-Cs-131



83

55-Cs-131

MAT 5519 MT= 67 (n,n') Level Legendre Coefficients 55-Cs-131

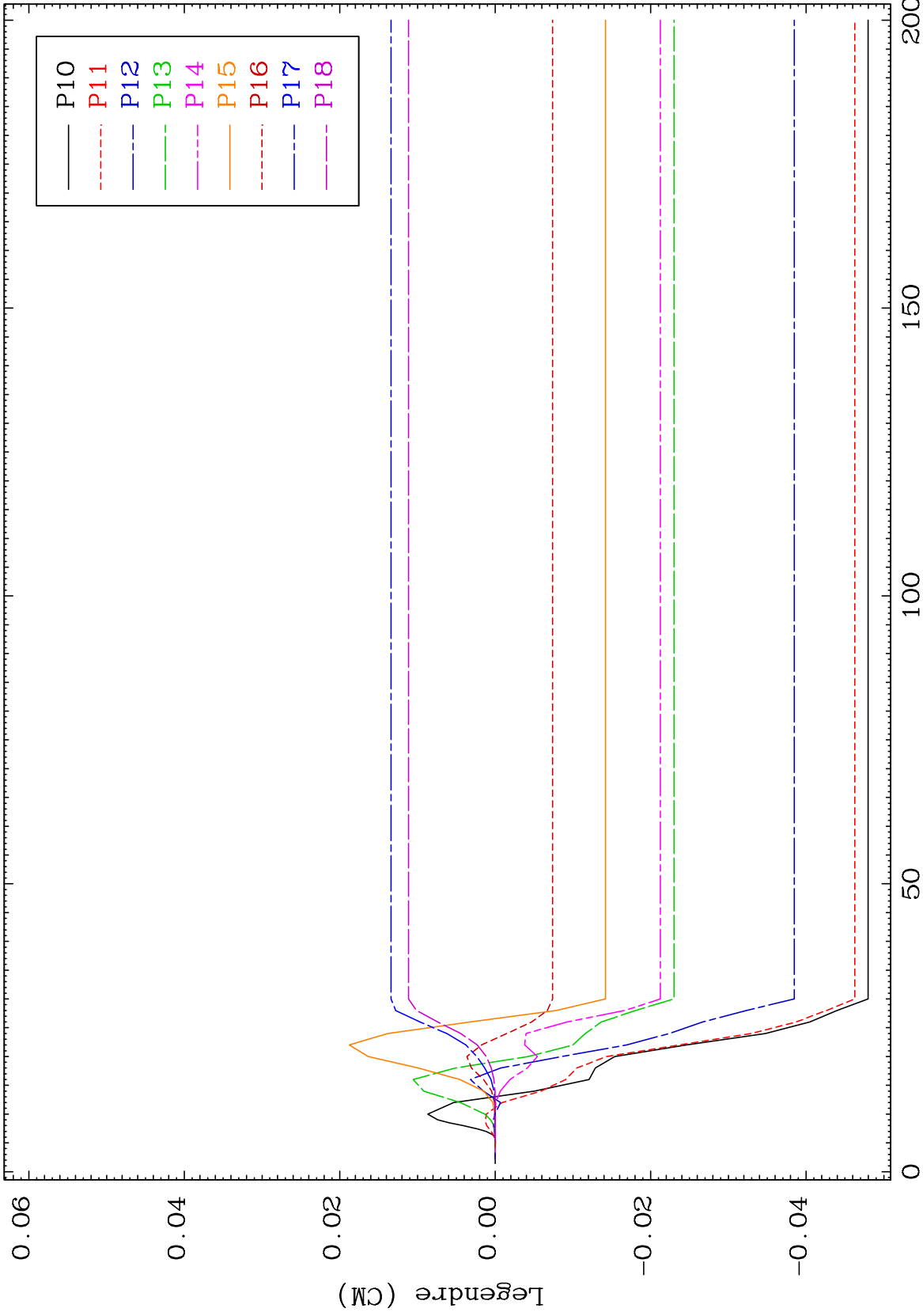


84 55-Cs-131

MAT 5519

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

55-Cs-131

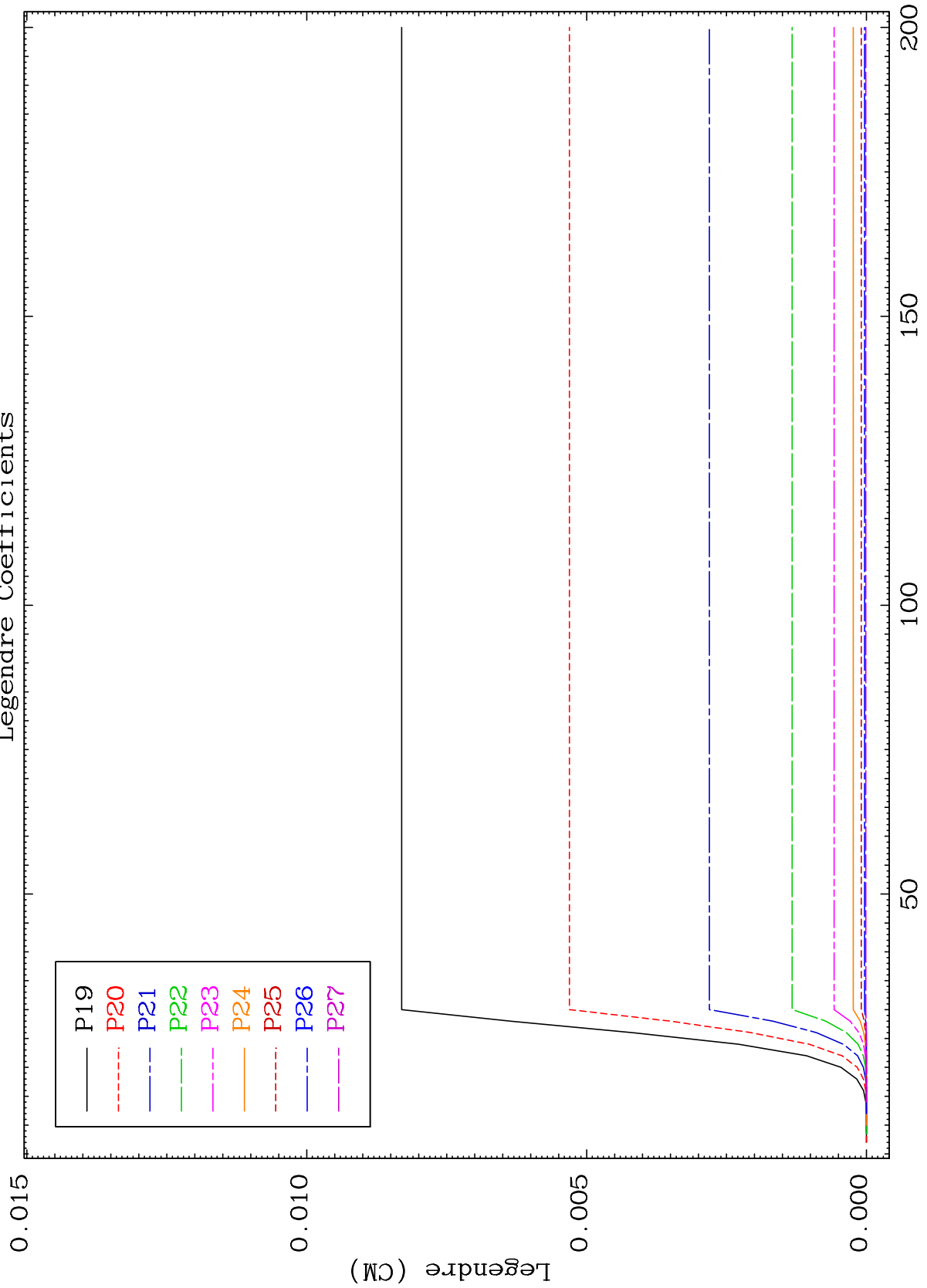


85

Incident Energy (MeV)

55-Cs-131

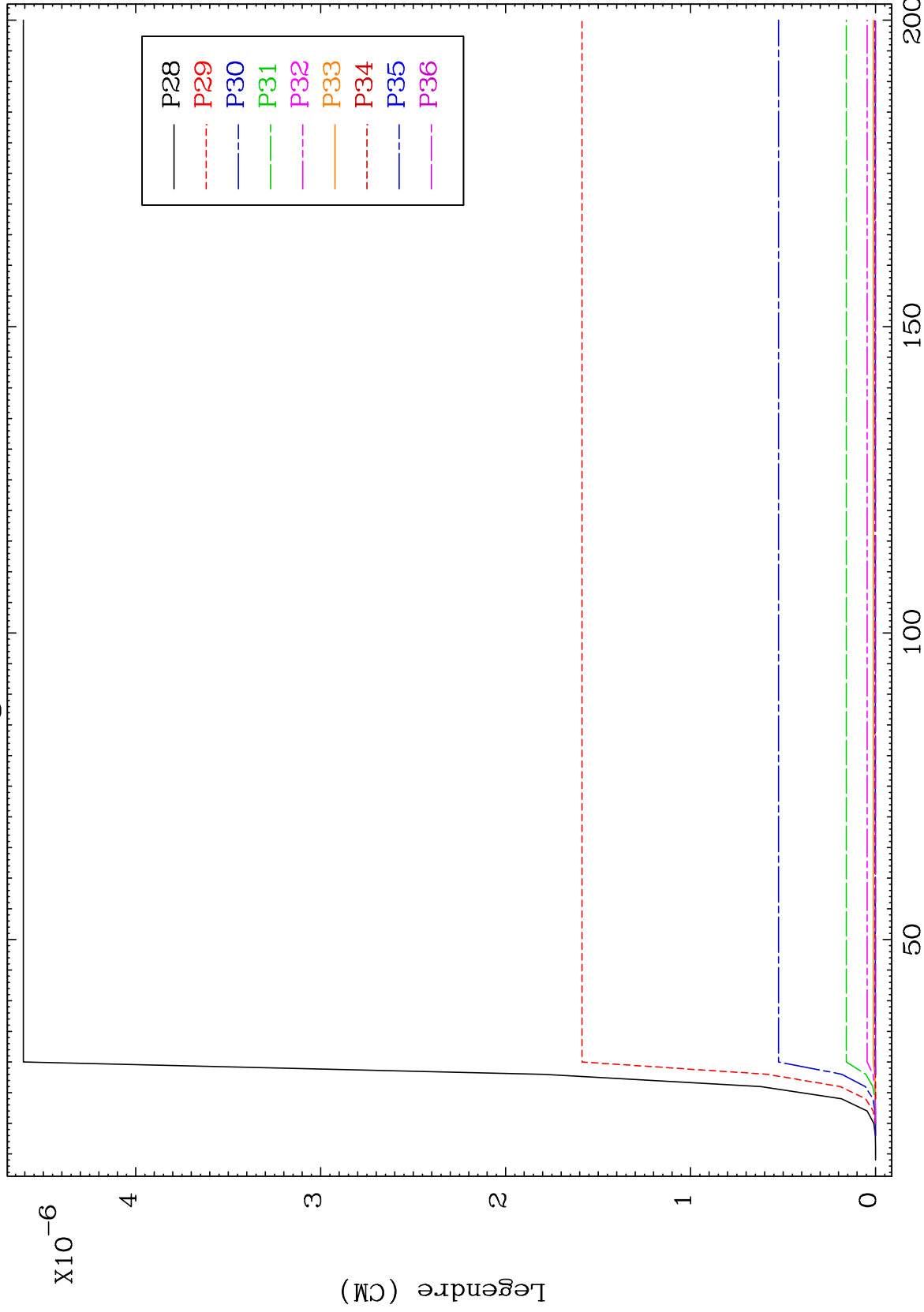
MAT 5519 MT= 67 (n,n') Level Legendre Coefficients 55-Cs-131



MAT 5519

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

55-Cs-131



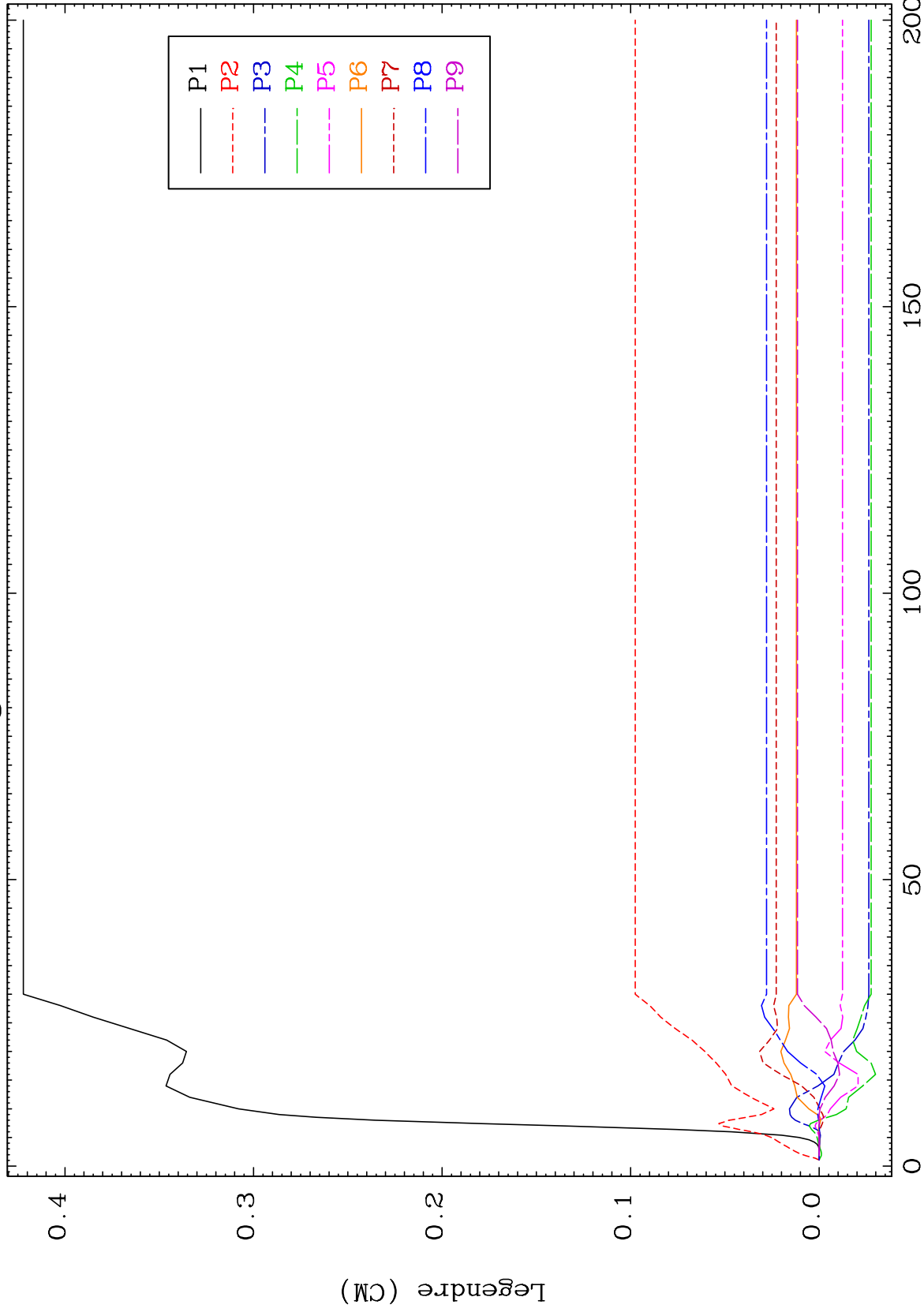
87

55-Cs-131

MAT 5519

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

55-Cs-131

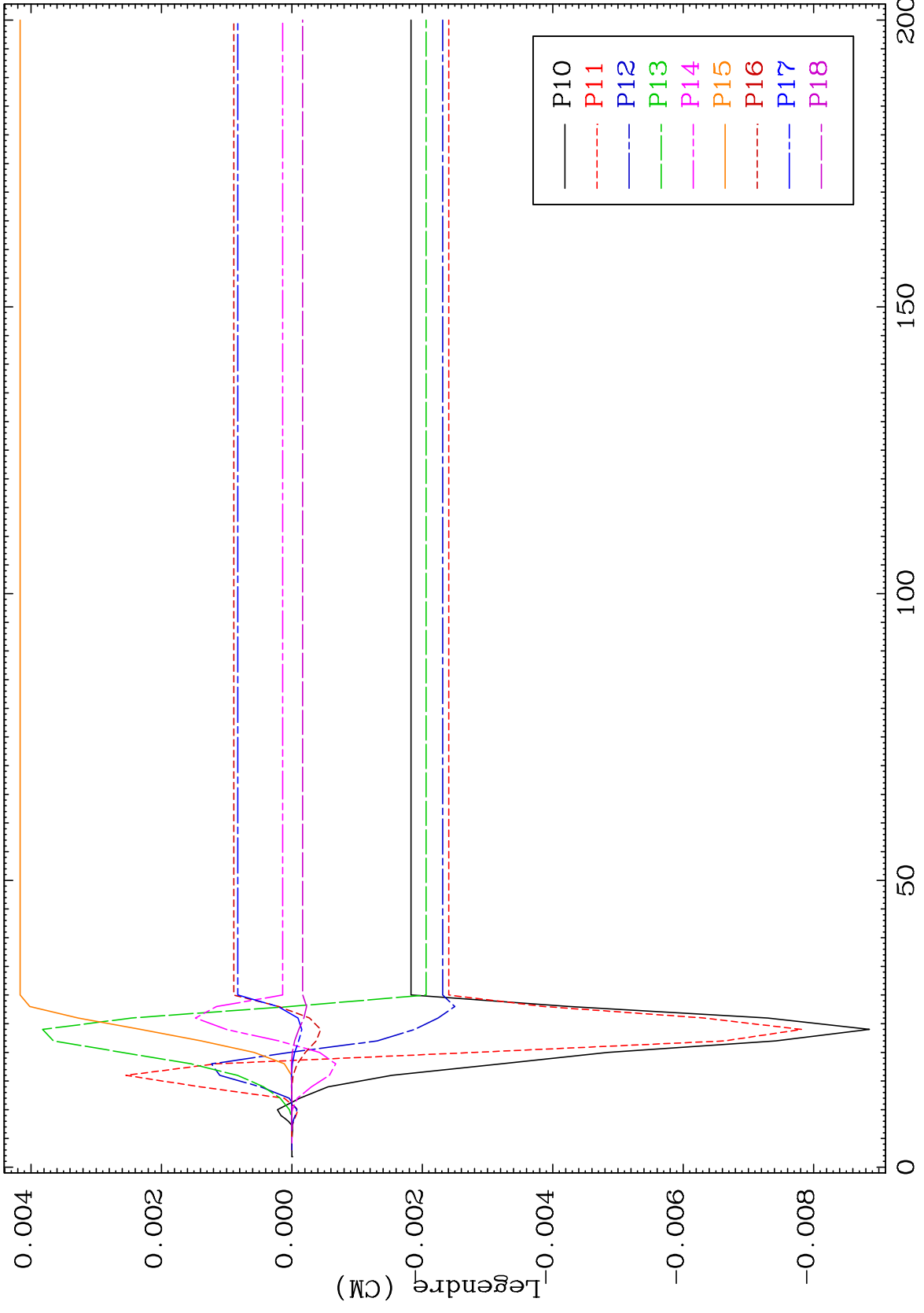


88

Incident Energy (MeV)

55-Cs-131

MAT 5519 MT= 68 (n,n') Level Legendre Coefficients 55-Cs-131

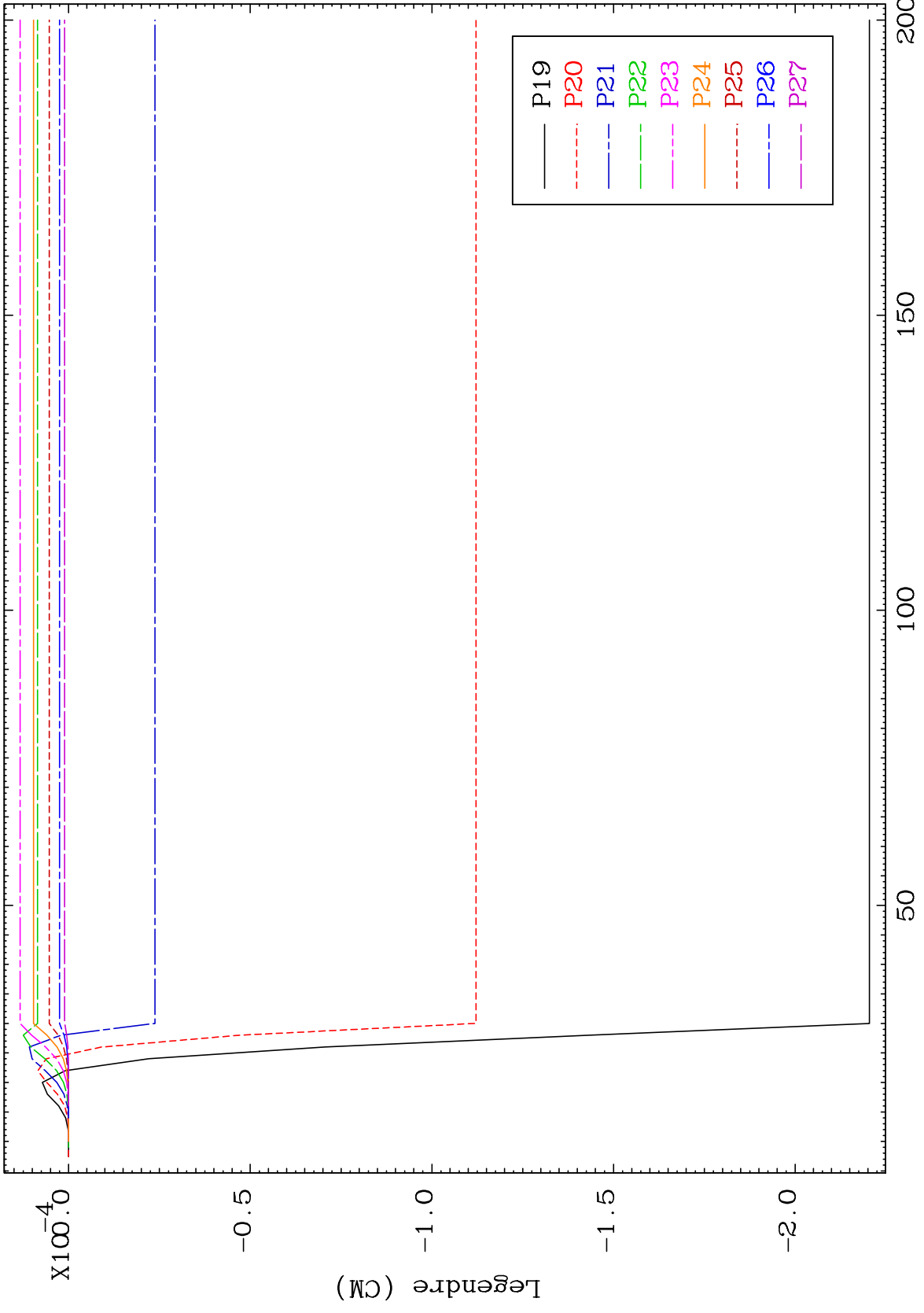


55-Cs-131

Incident Energy (MeV)

89

MAT 5519 MT= 68 (n,n') Level Legendre Coefficients 55-Cs-131

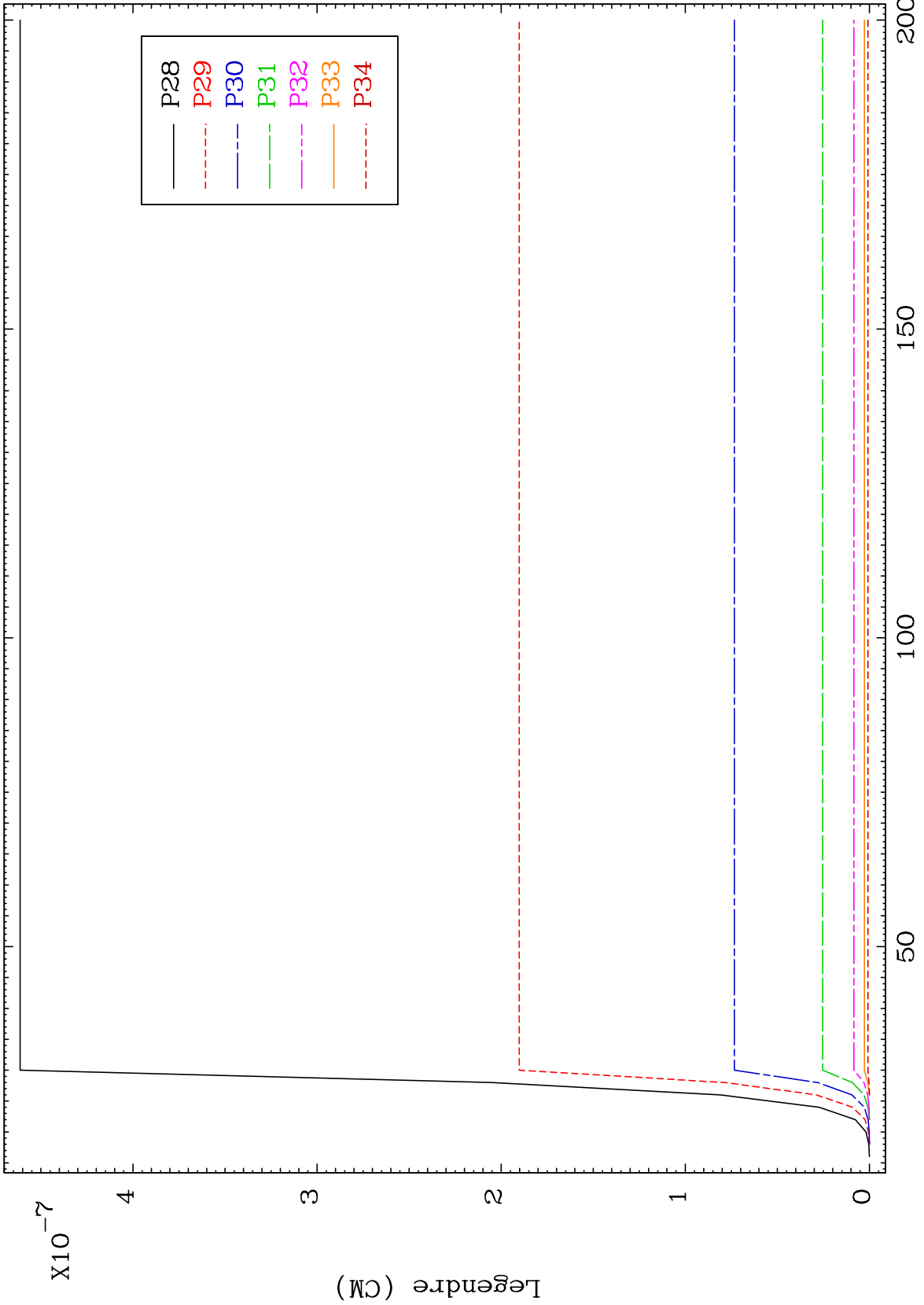


90 55-Cs-131

MAT 5519

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

55-Cs-131



91

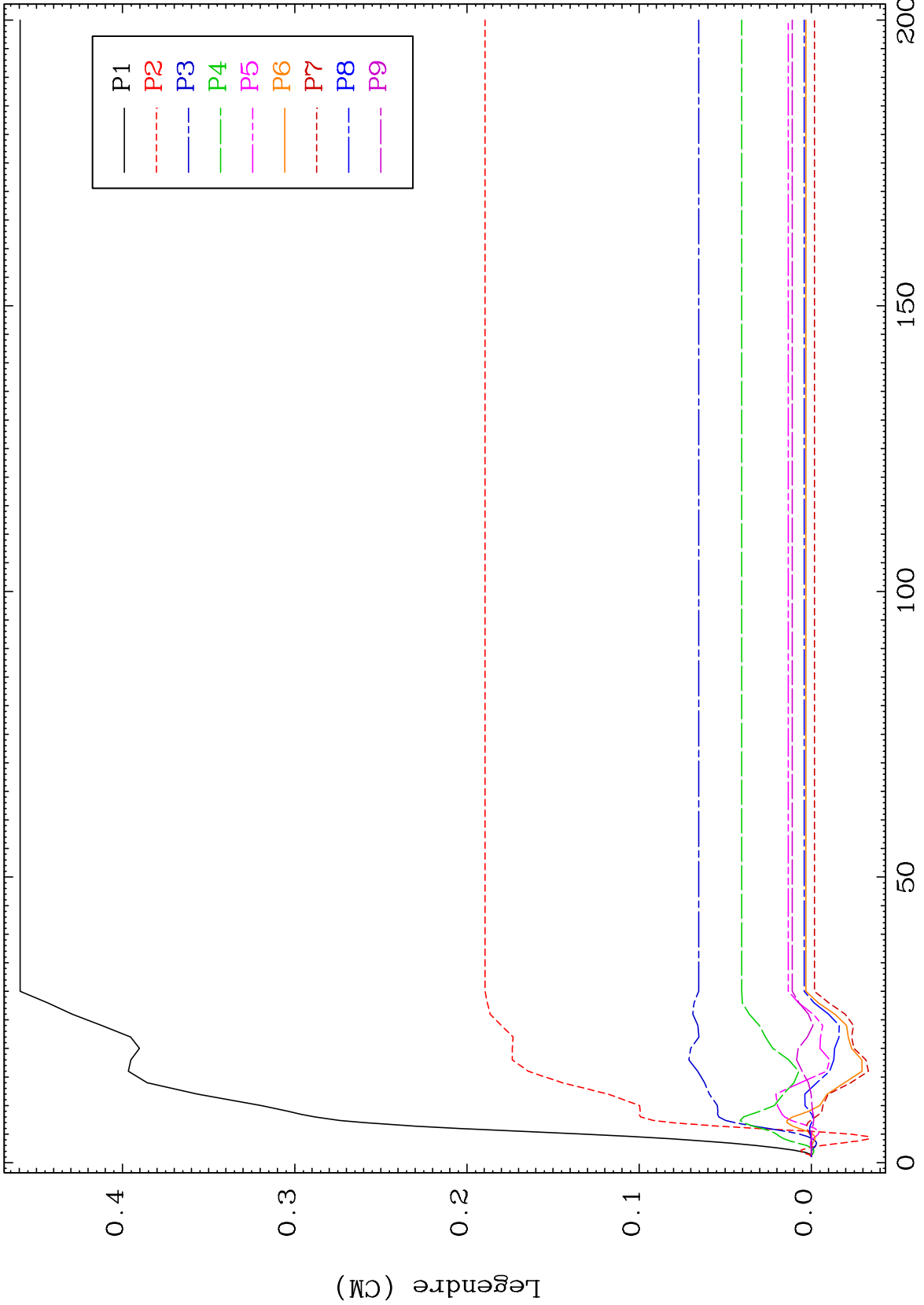
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



92

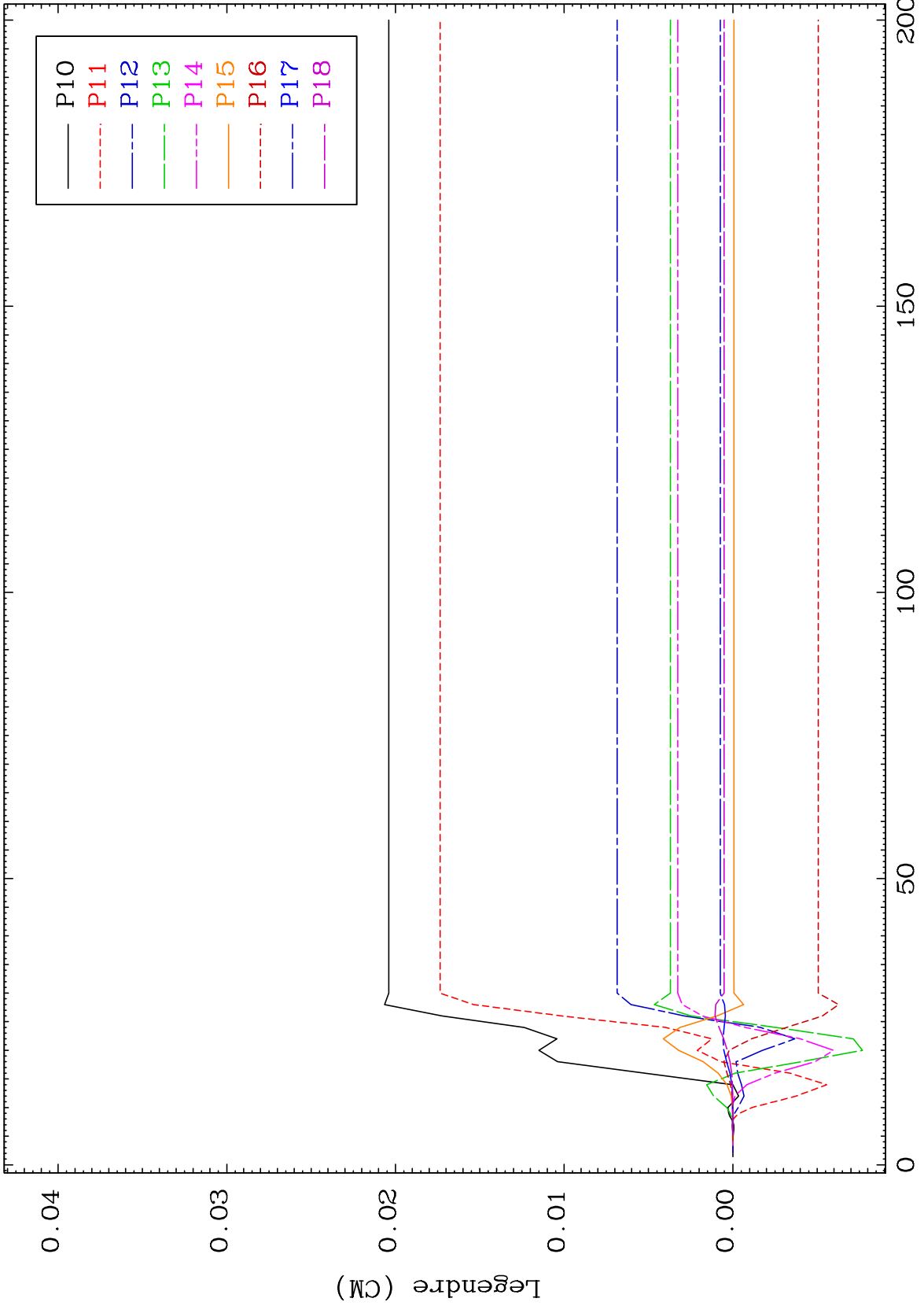
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



93

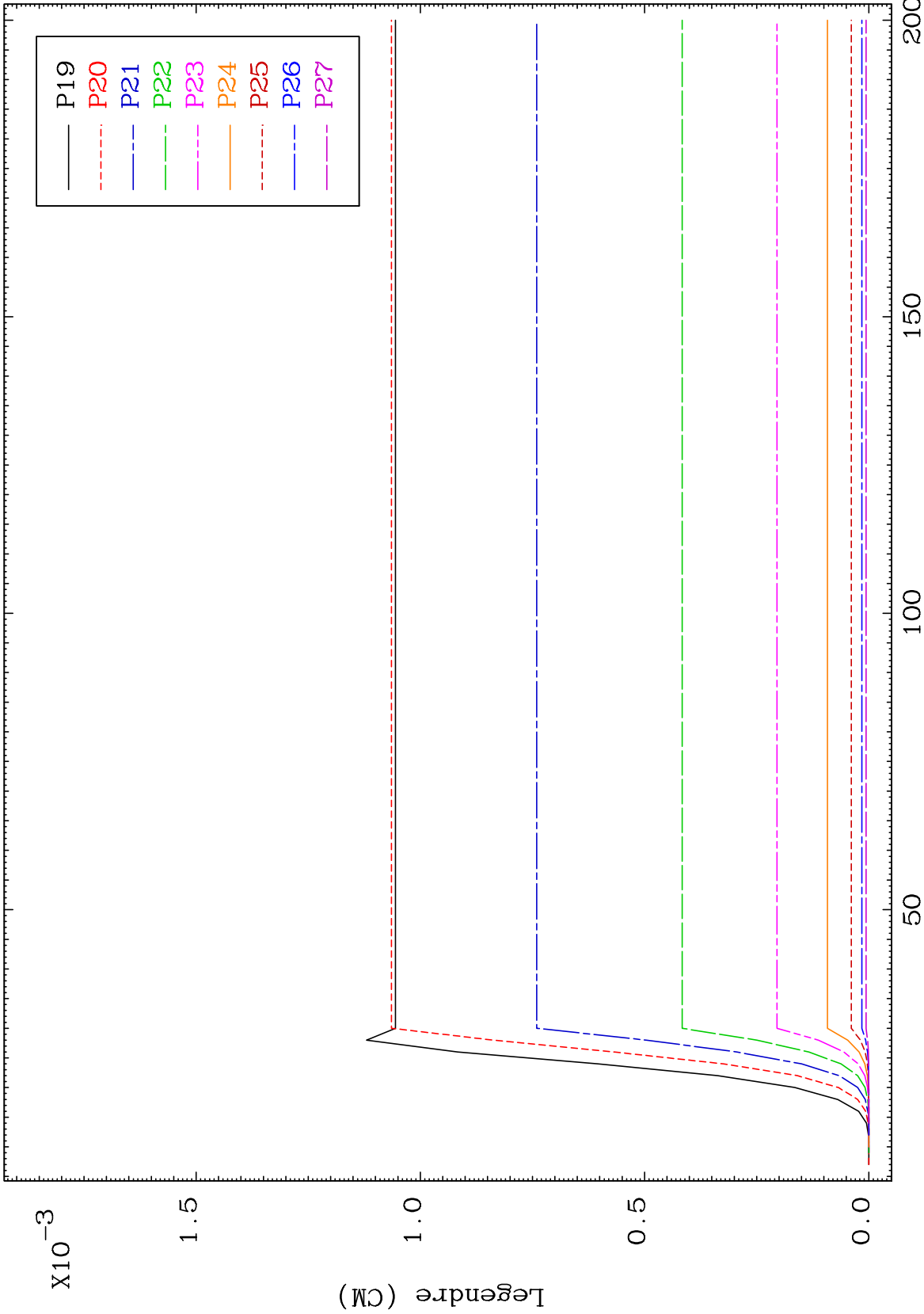
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131

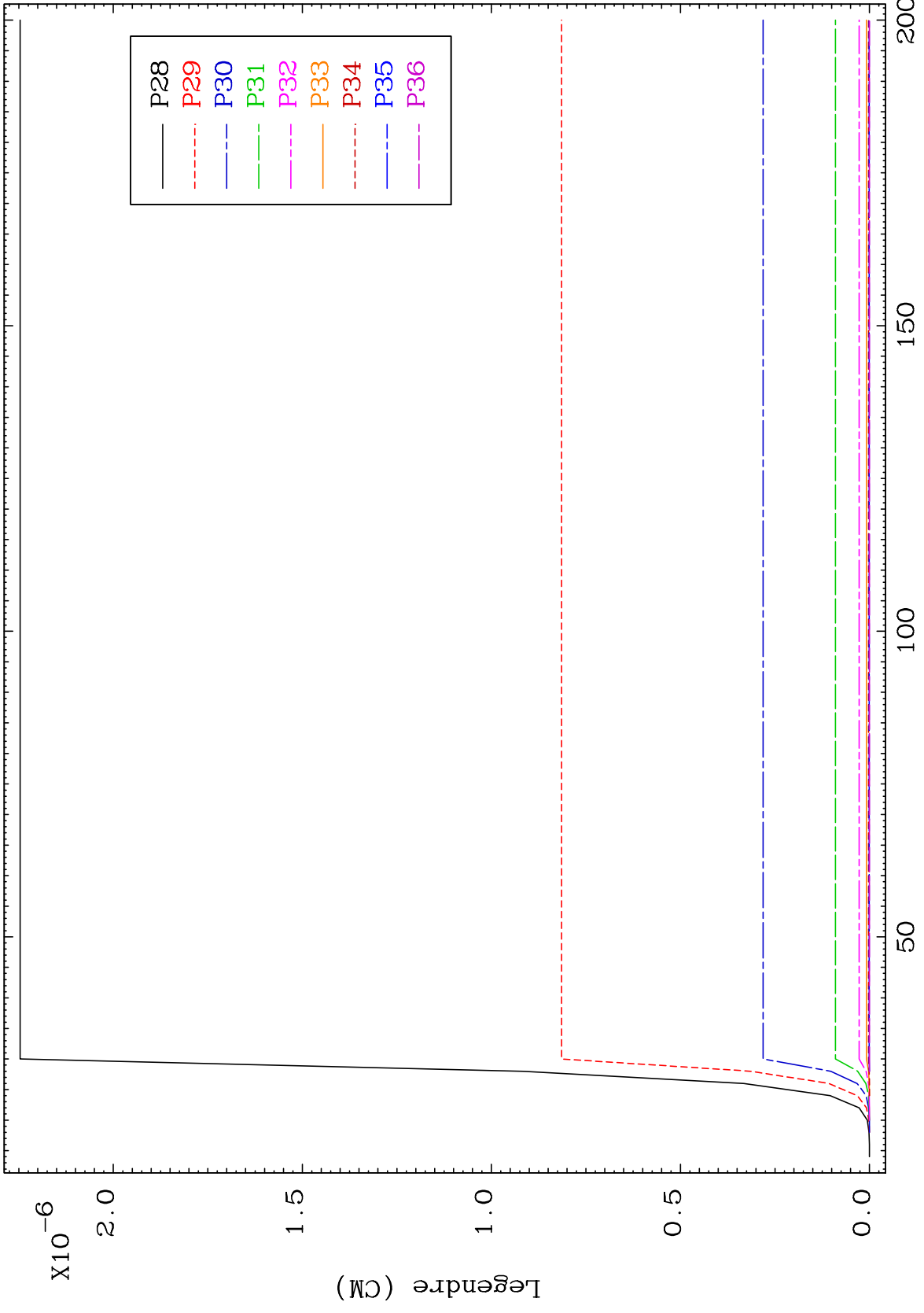


94

Incident Energy (MeV)

55-Cs-131

MAT 5519 MT= 69 (n,n') Level Legendre Coefficients 55-Cs-131

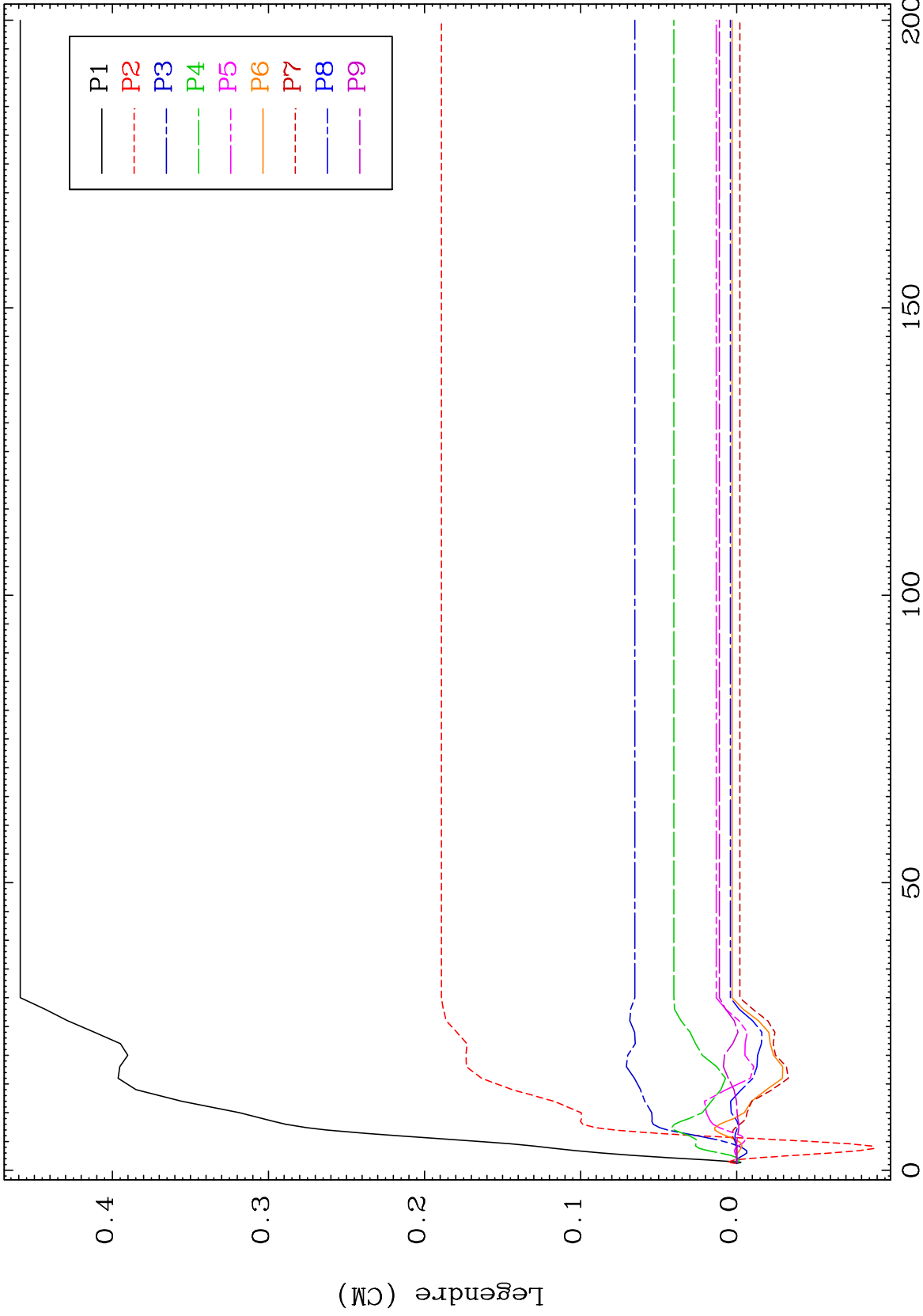


95 50 100 150 200 55-Cs-131

MAT 5519

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

55-Cs-131



96

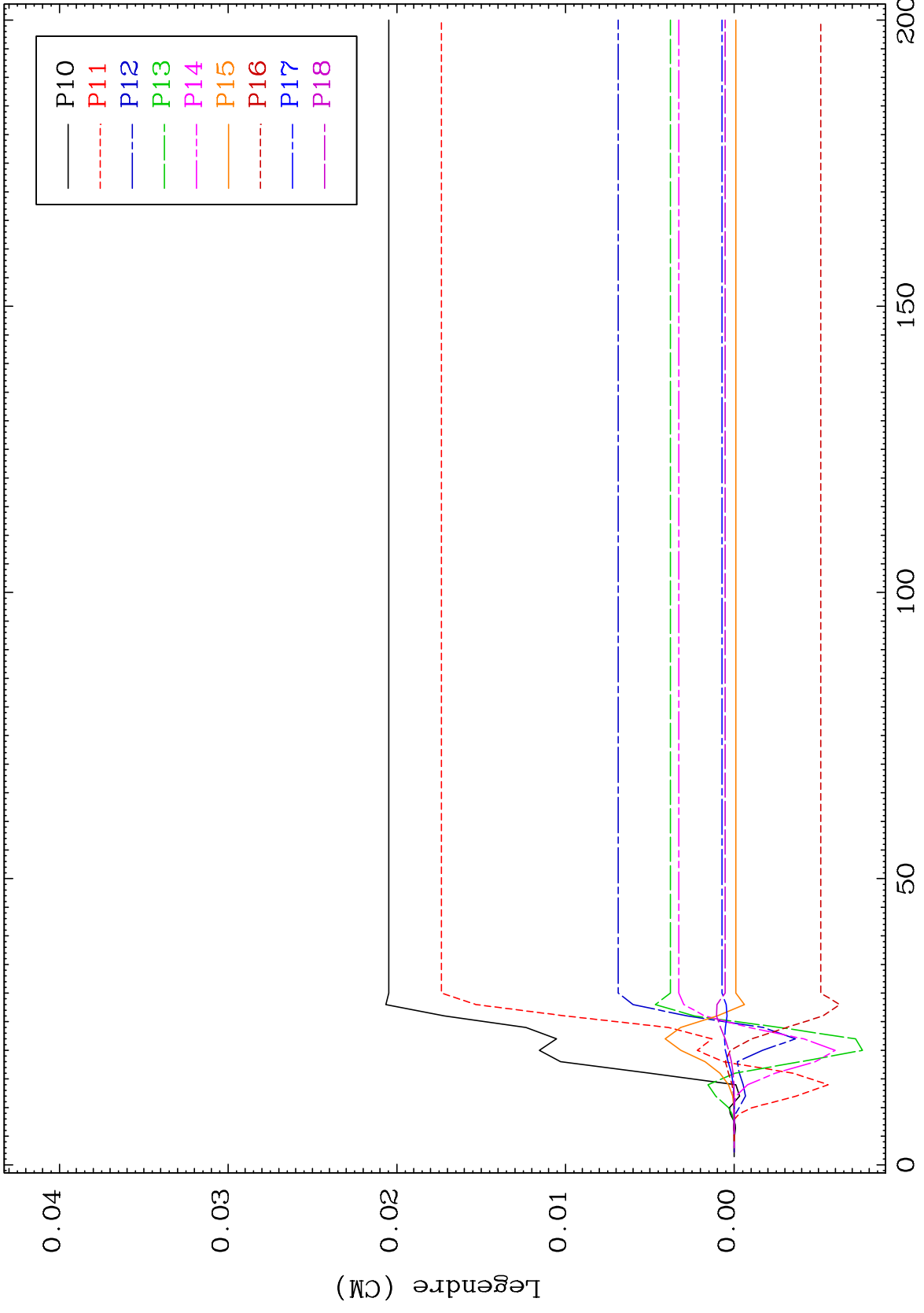
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



97

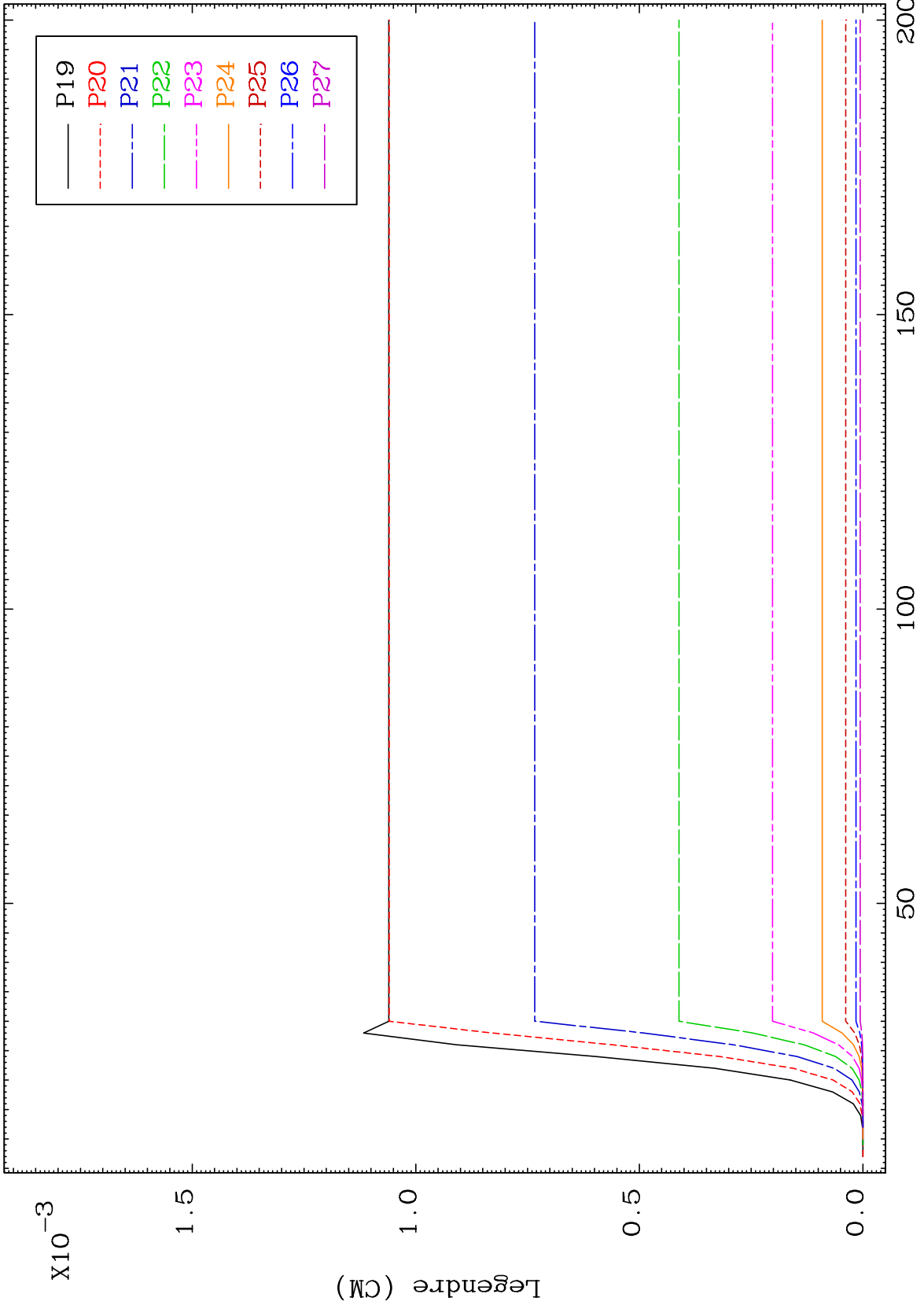
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



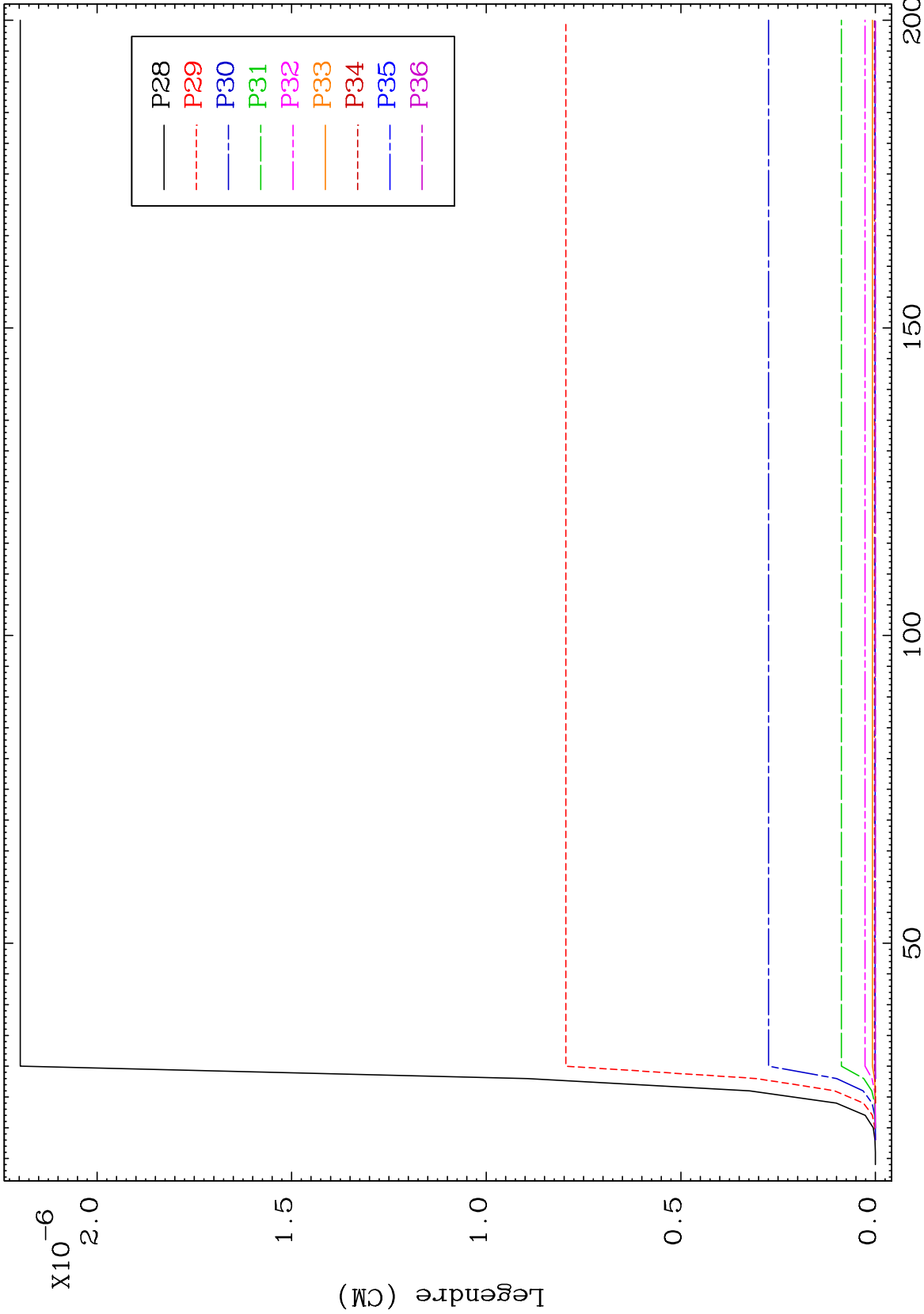
98

55-Cs-131

MAT 5519

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

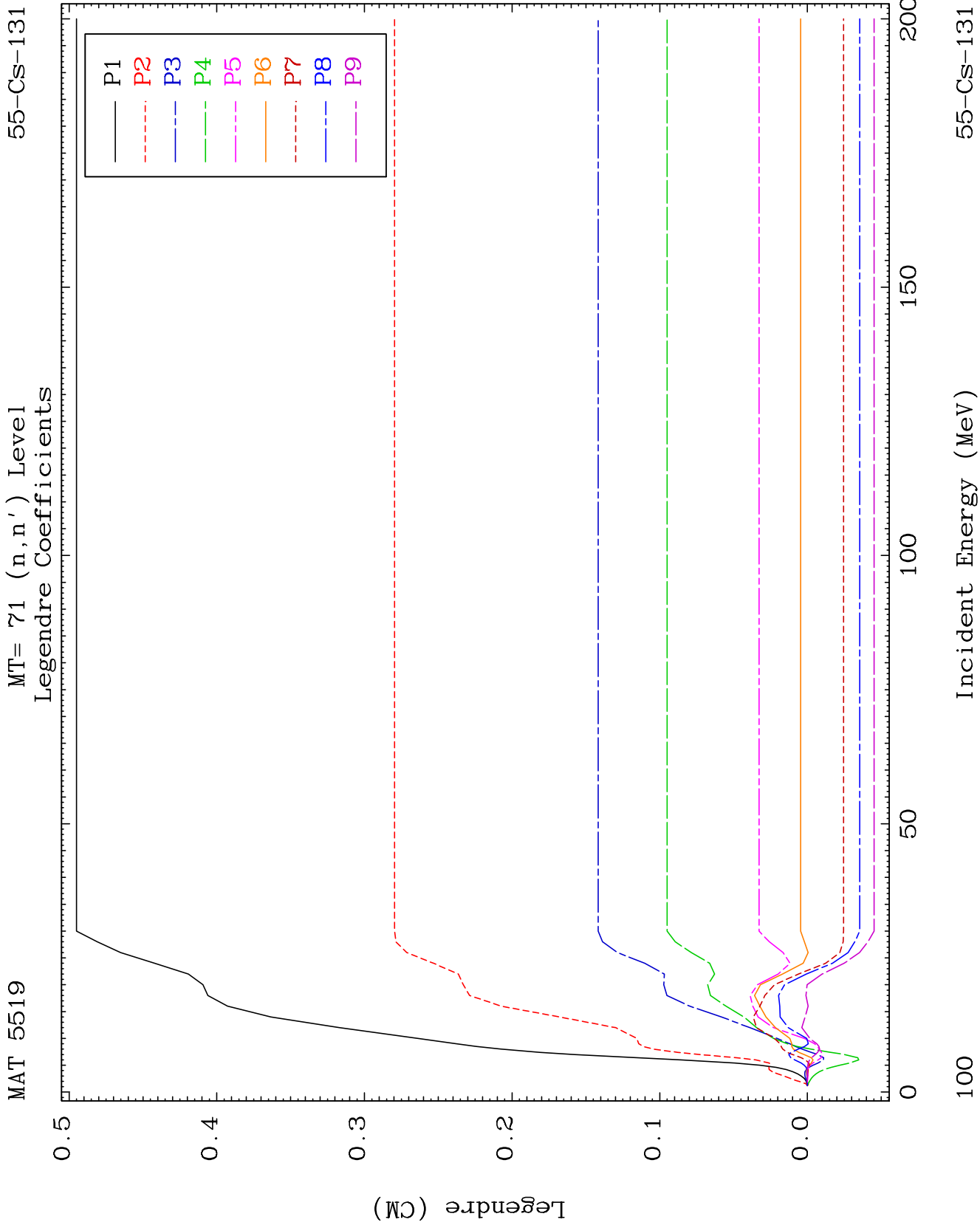
55-Cs-131



99

Incident Energy (MeV)

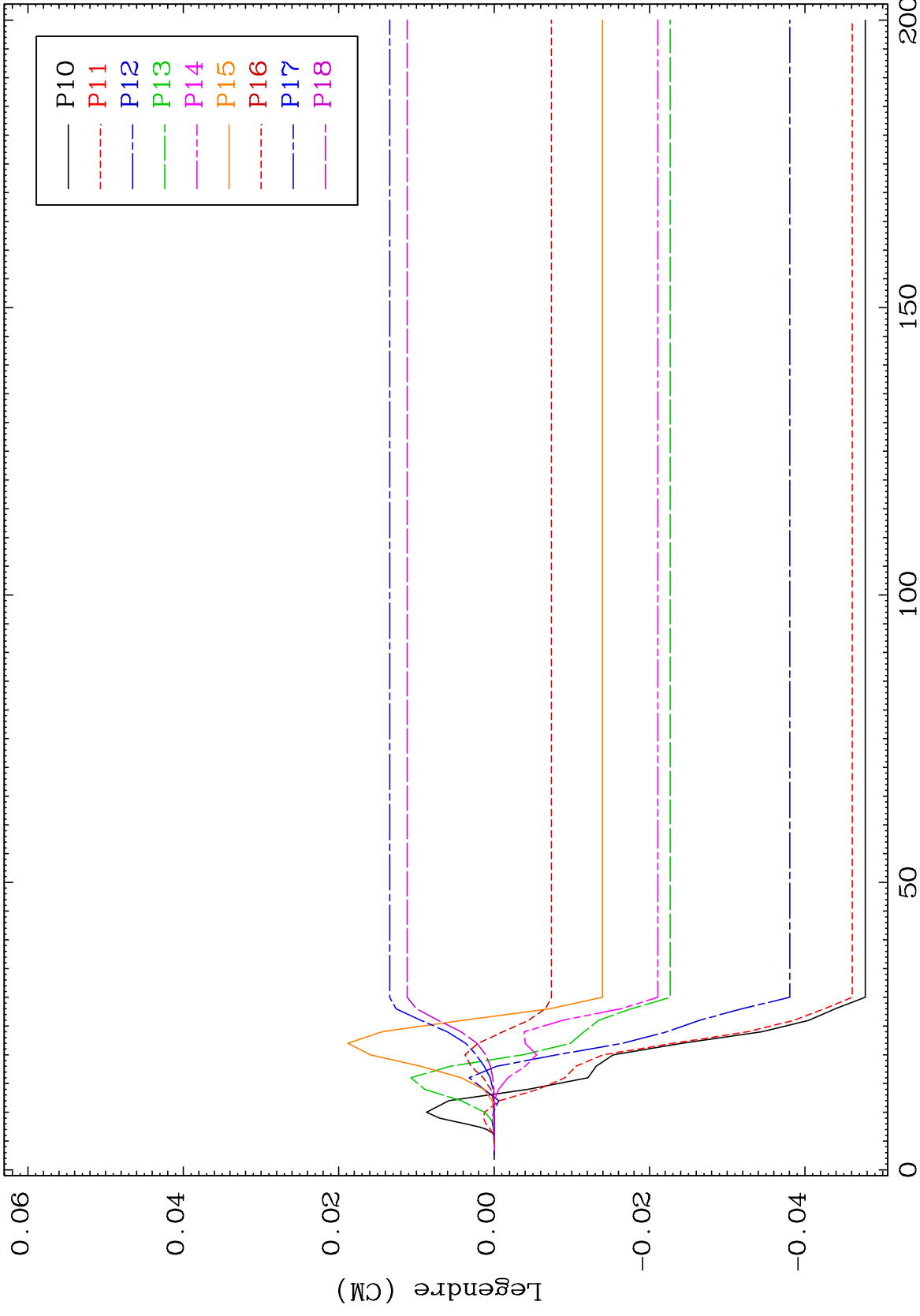
55-Cs-131



MAT 5519

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

55-Cs-131



101

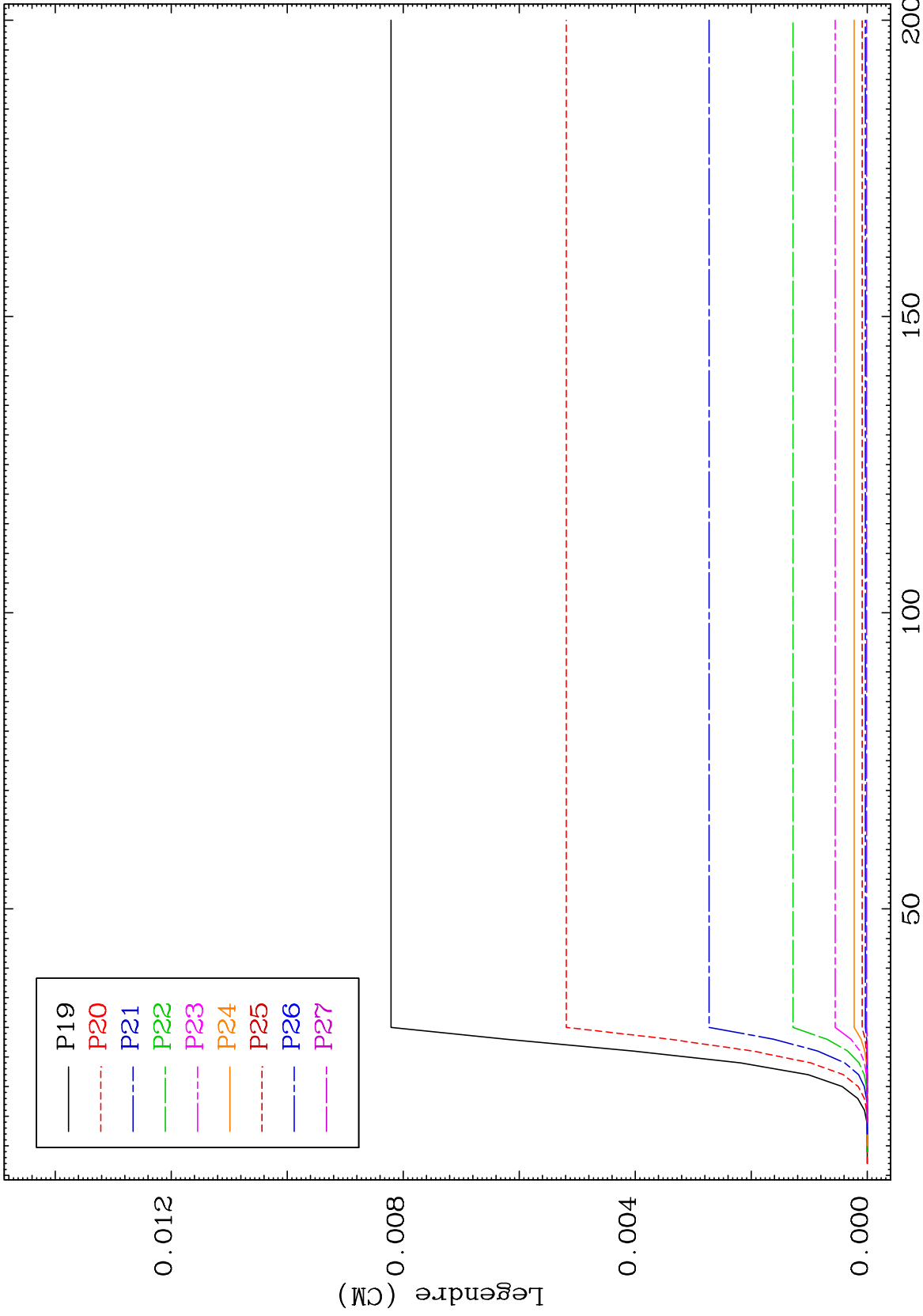
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



102

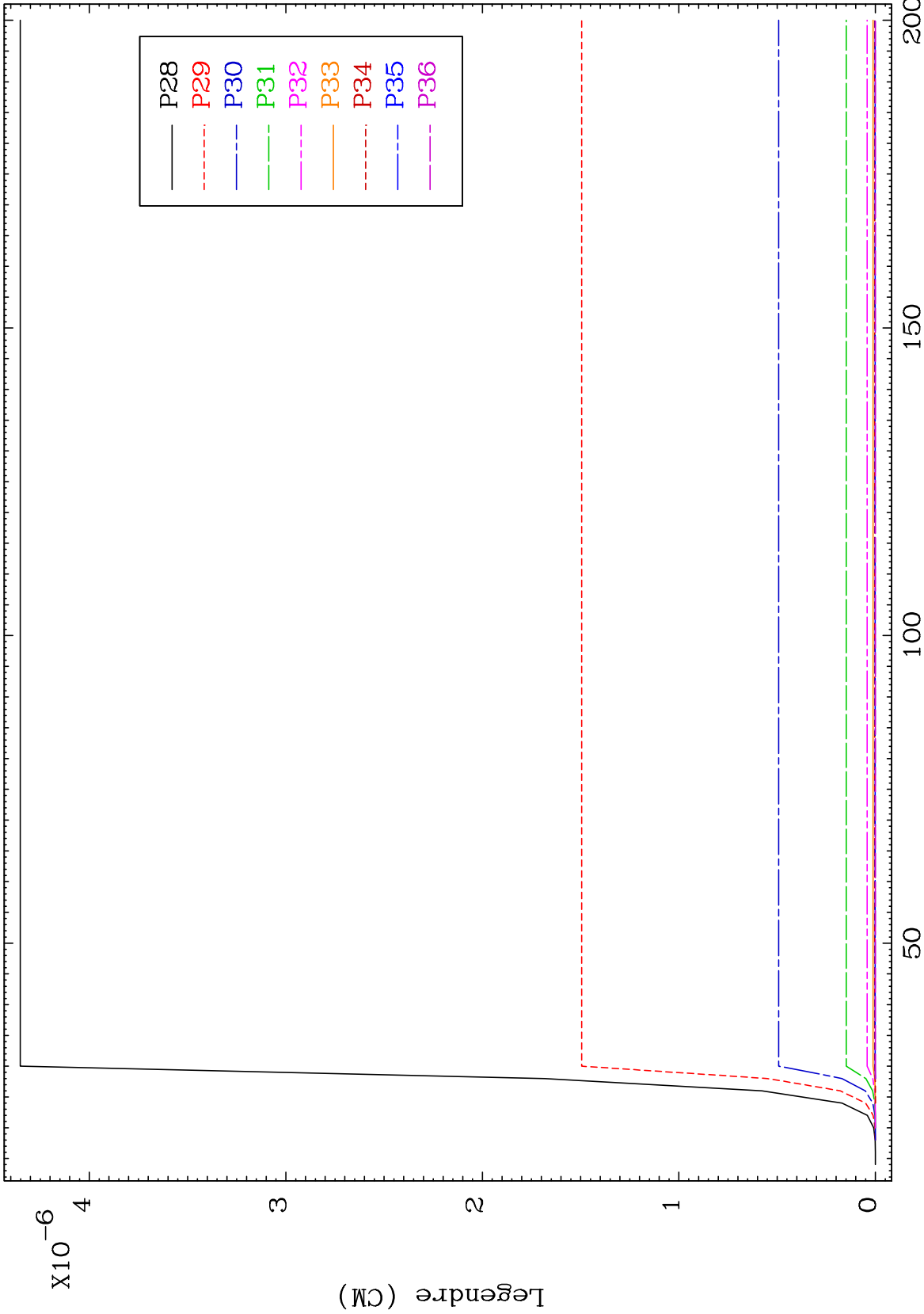
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131

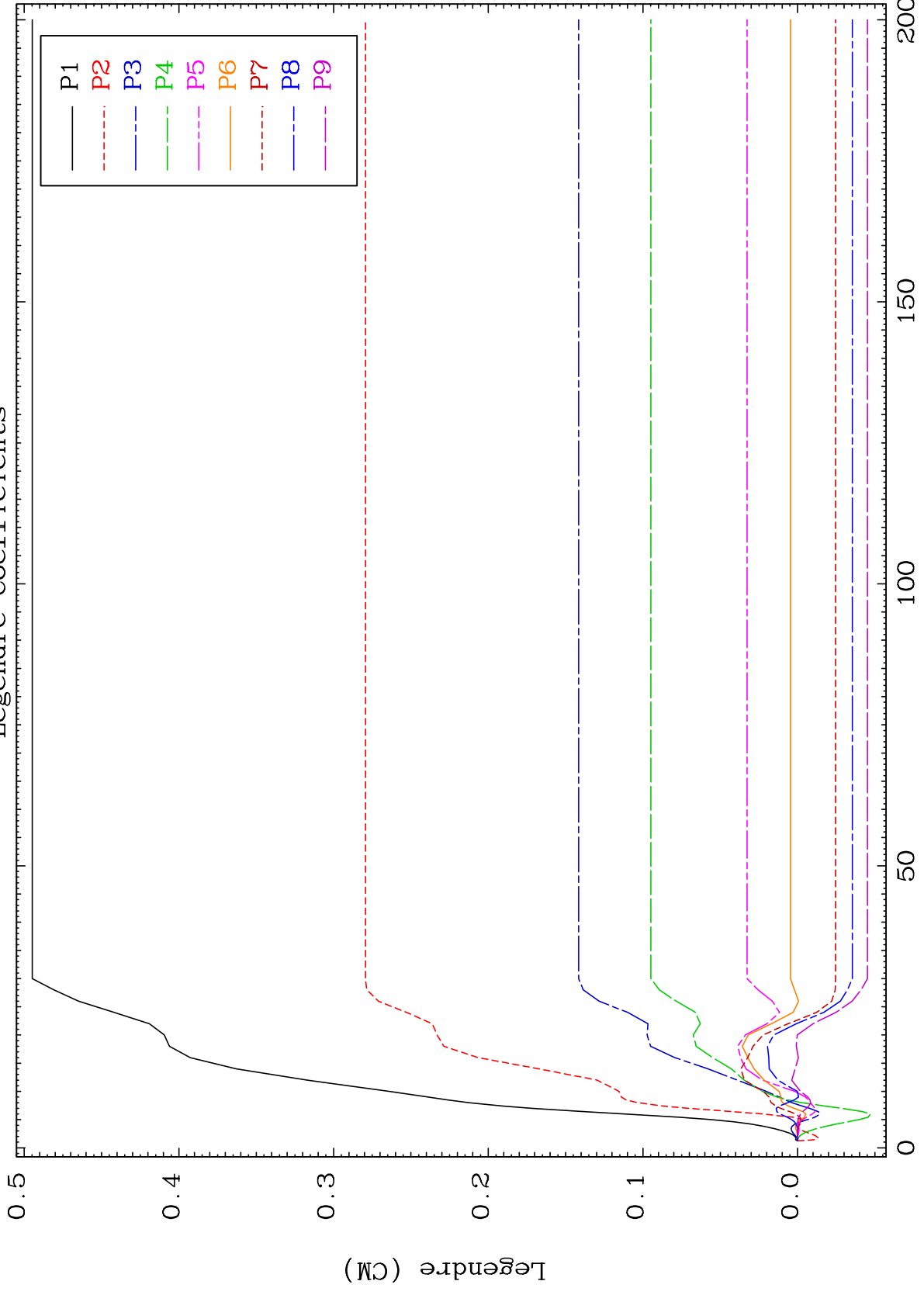


103

Incident Energy (MeV)

55-Cs-131

MAT 5519 MT= 72 (n,n') Level Legendre Coefficients 55-Cs-131

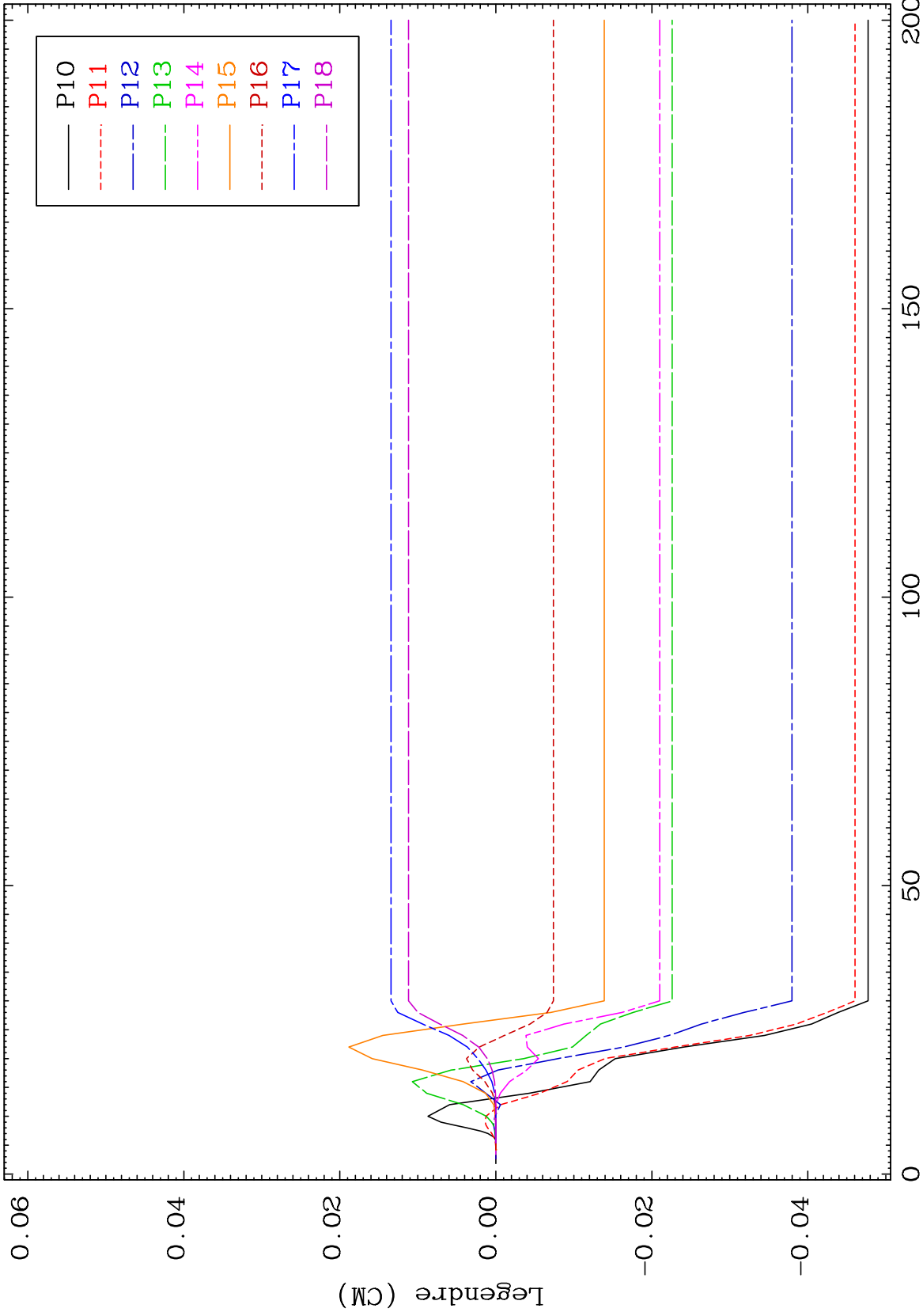


104 55-Cs-131

MAT 5519

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

55-Cs-131



105

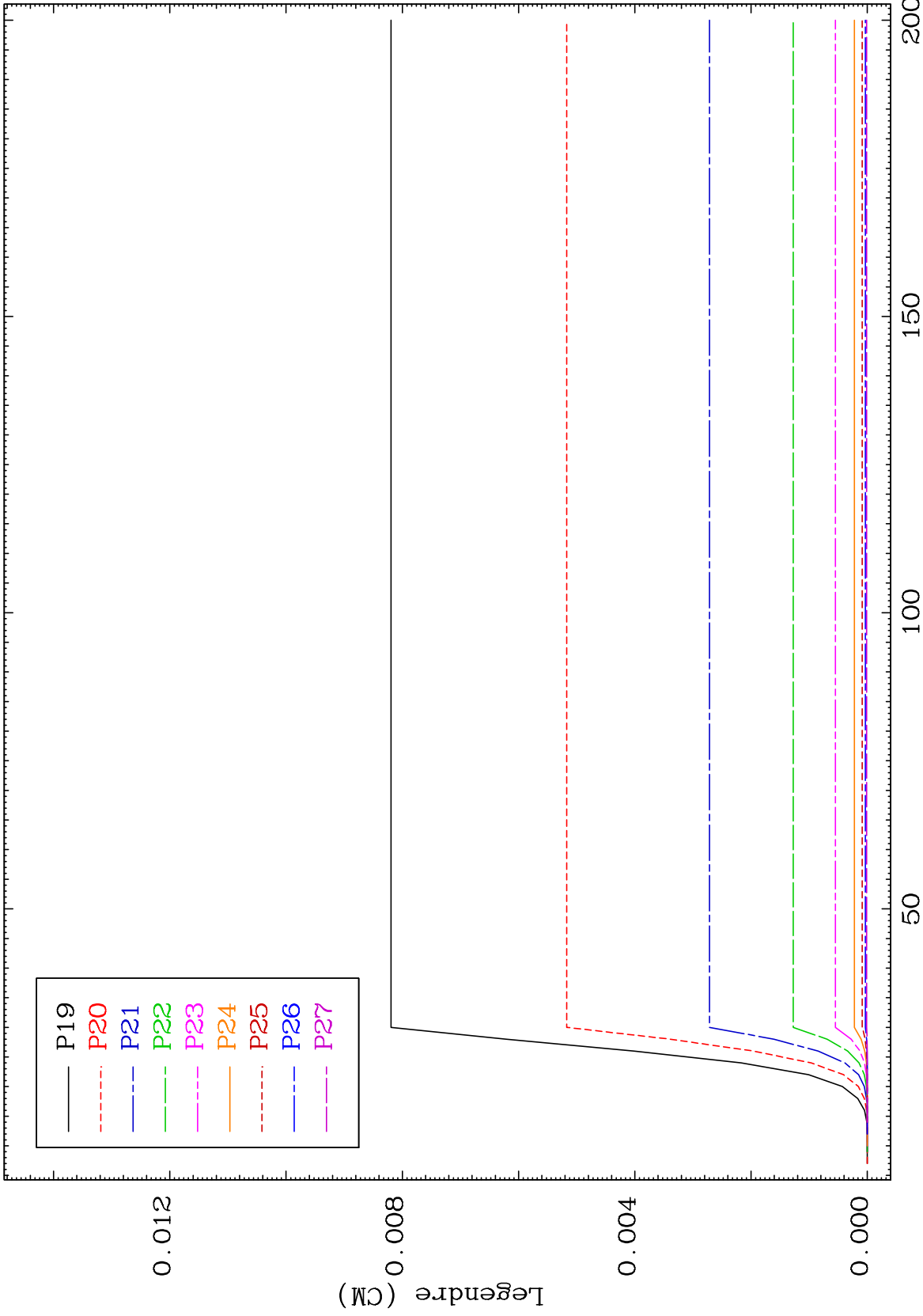
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



106

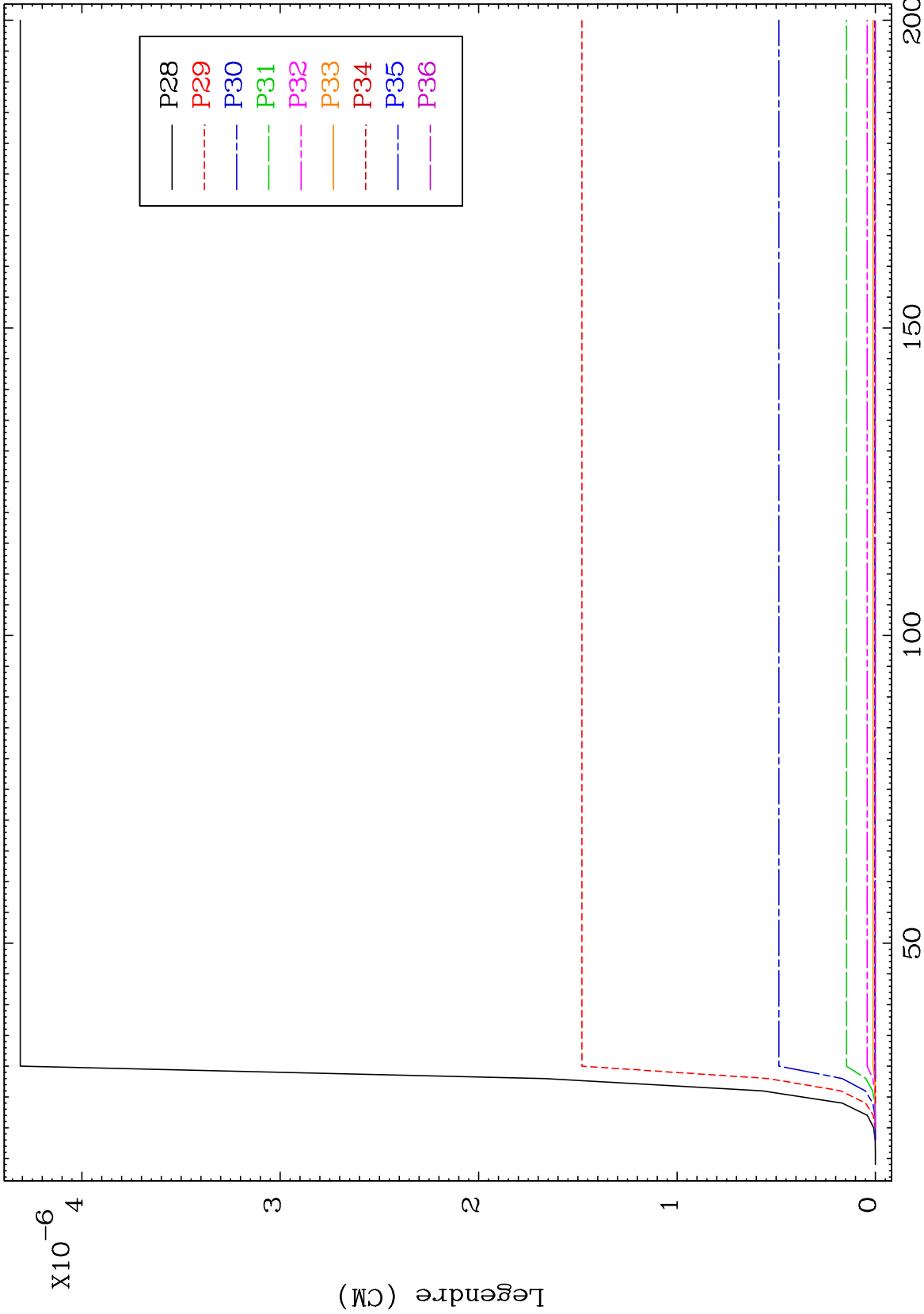
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

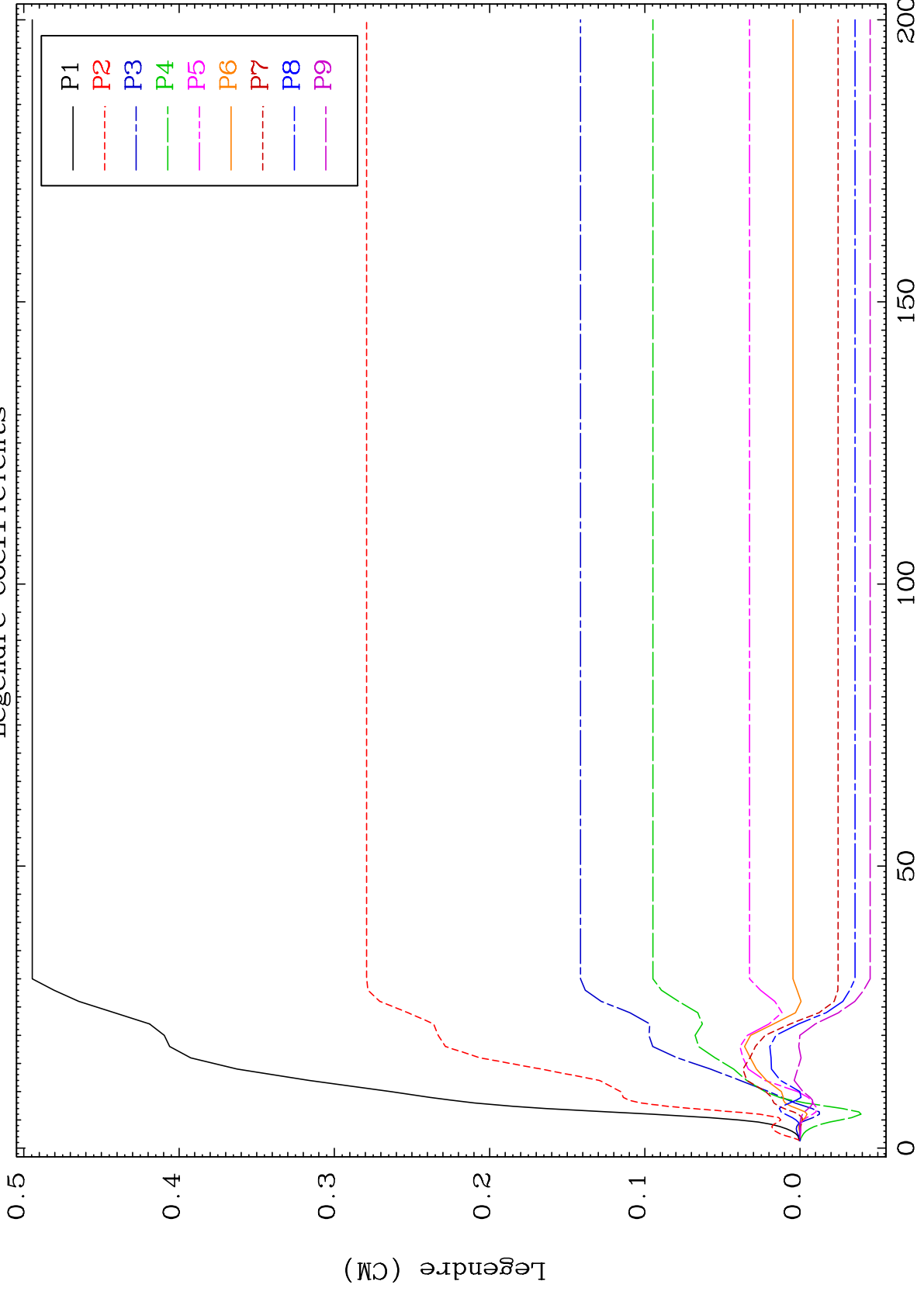
55-Cs-131



107

55-Cs-131

MAT 5519 MT= 73 (n,n') Level Legendre Coefficients 55-Cs-131

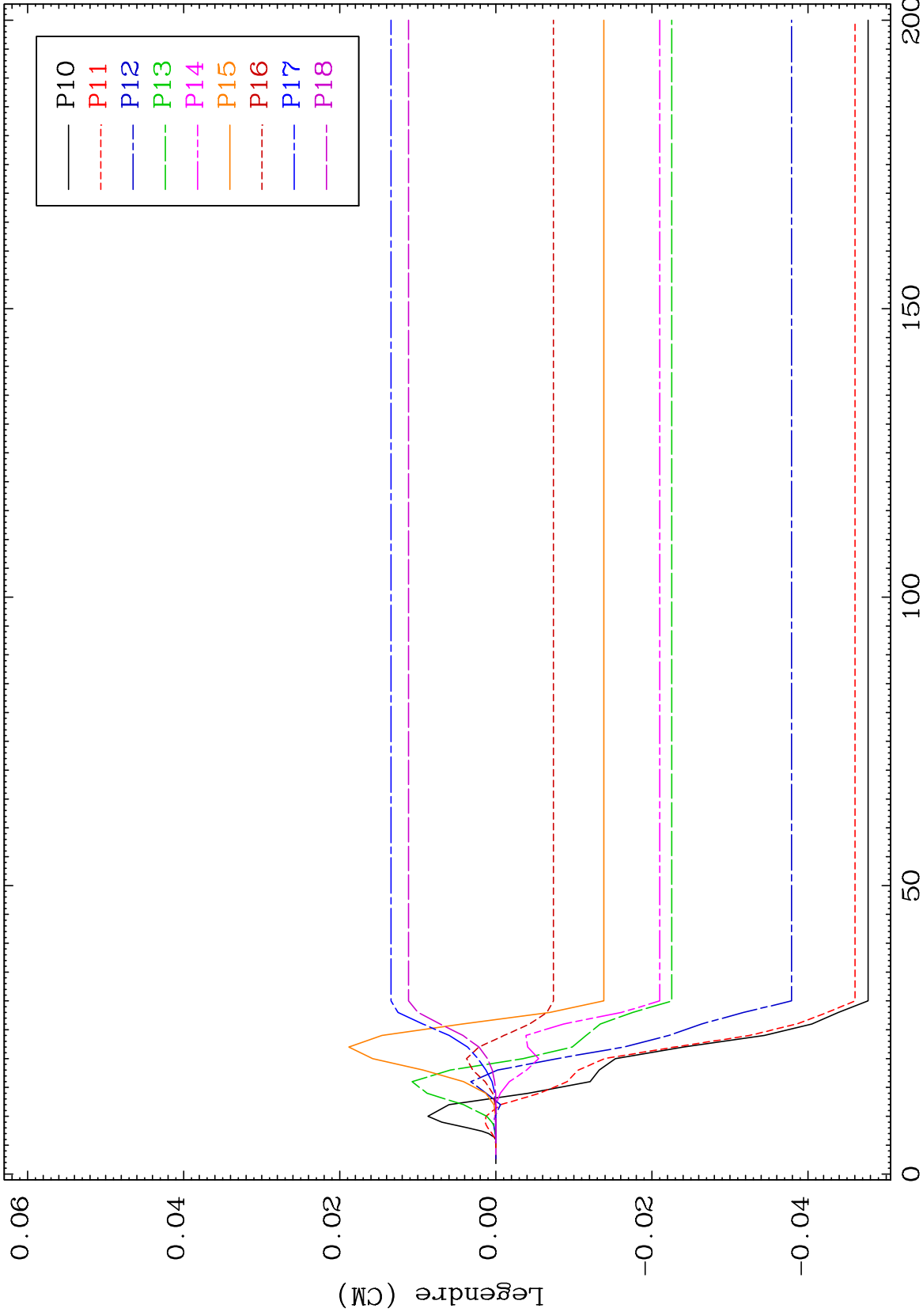


108 Incident Energy (MeV) 55-Cs-131

MAT 5519

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

55-Cs-131



109

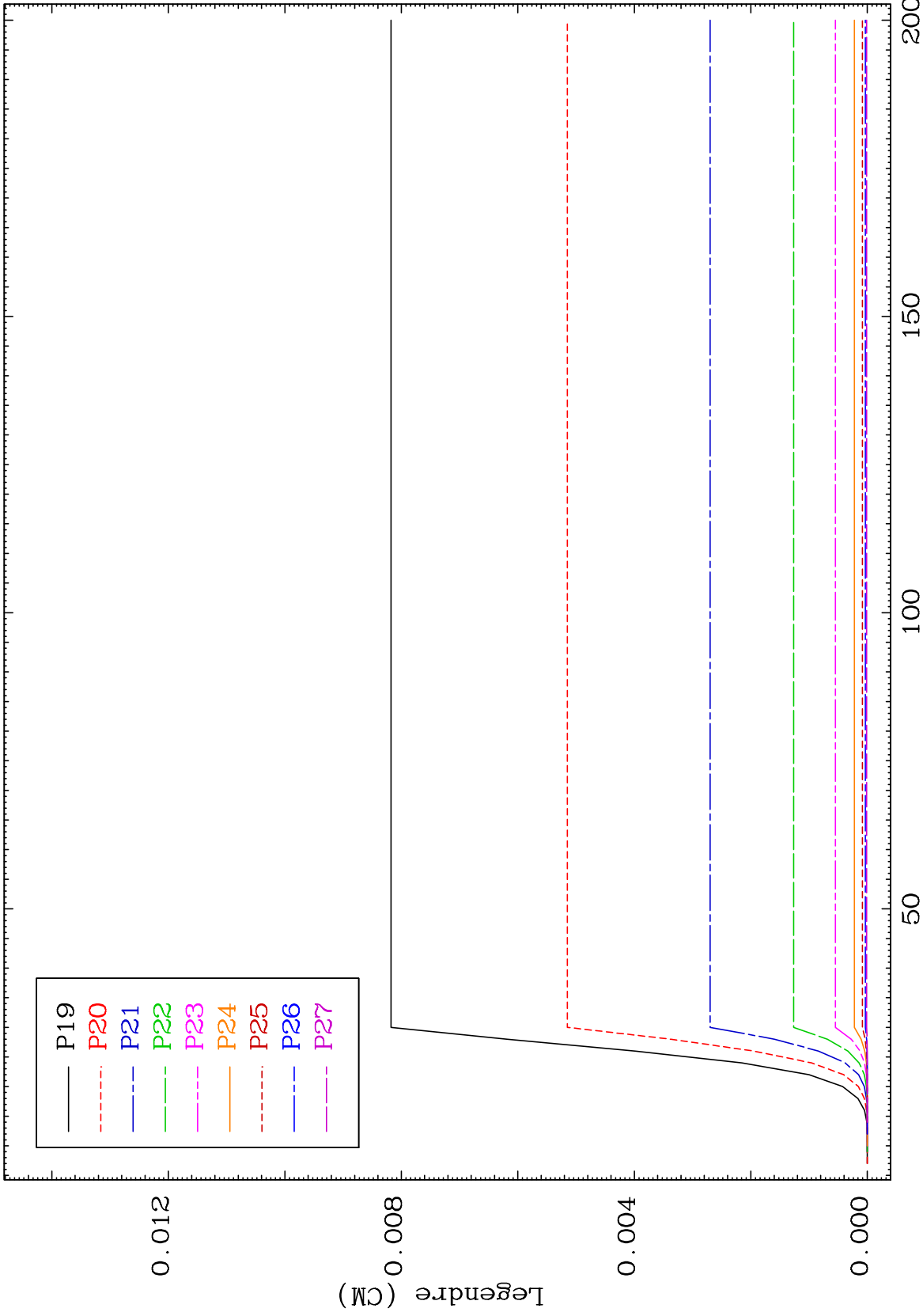
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



110

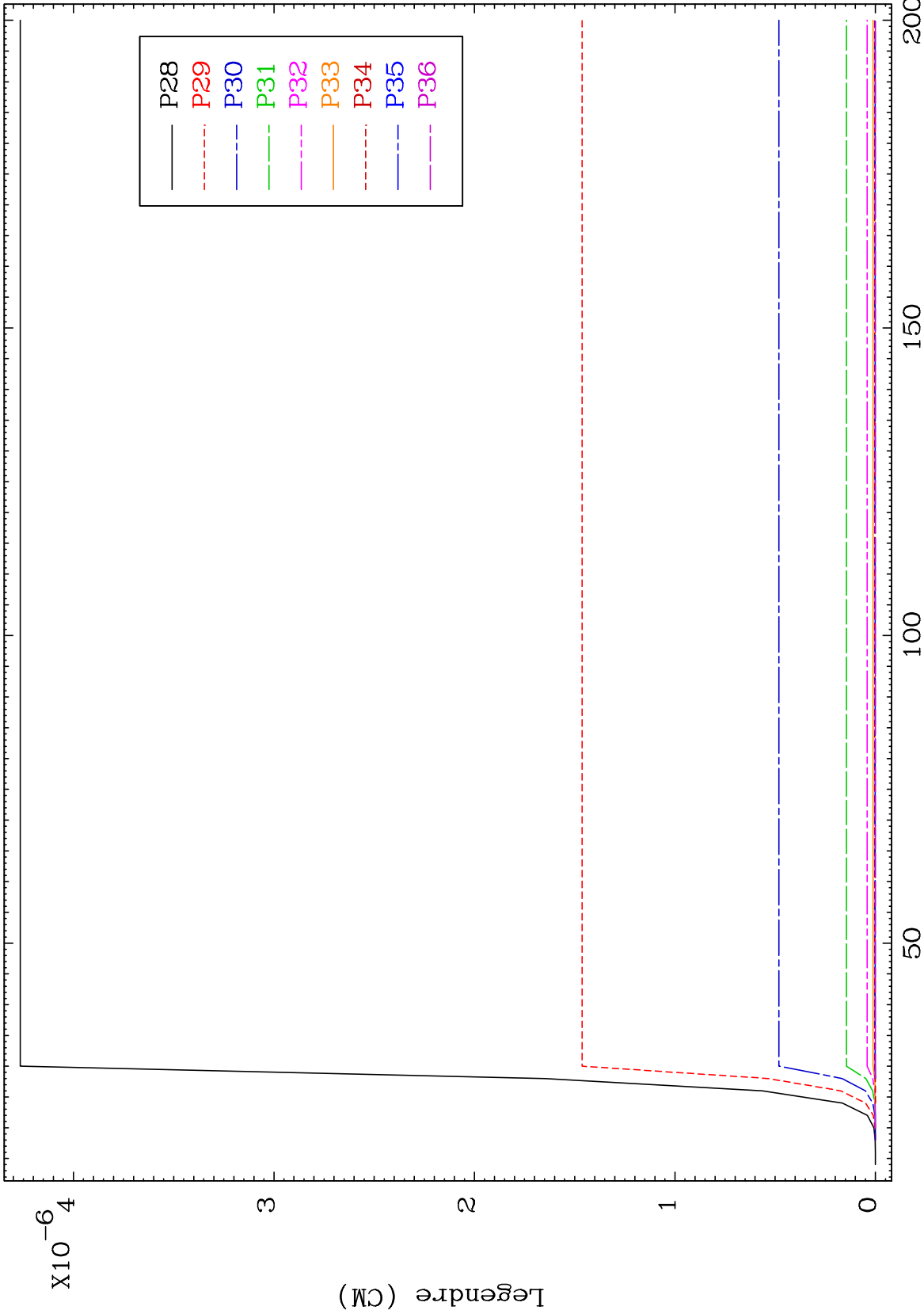
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



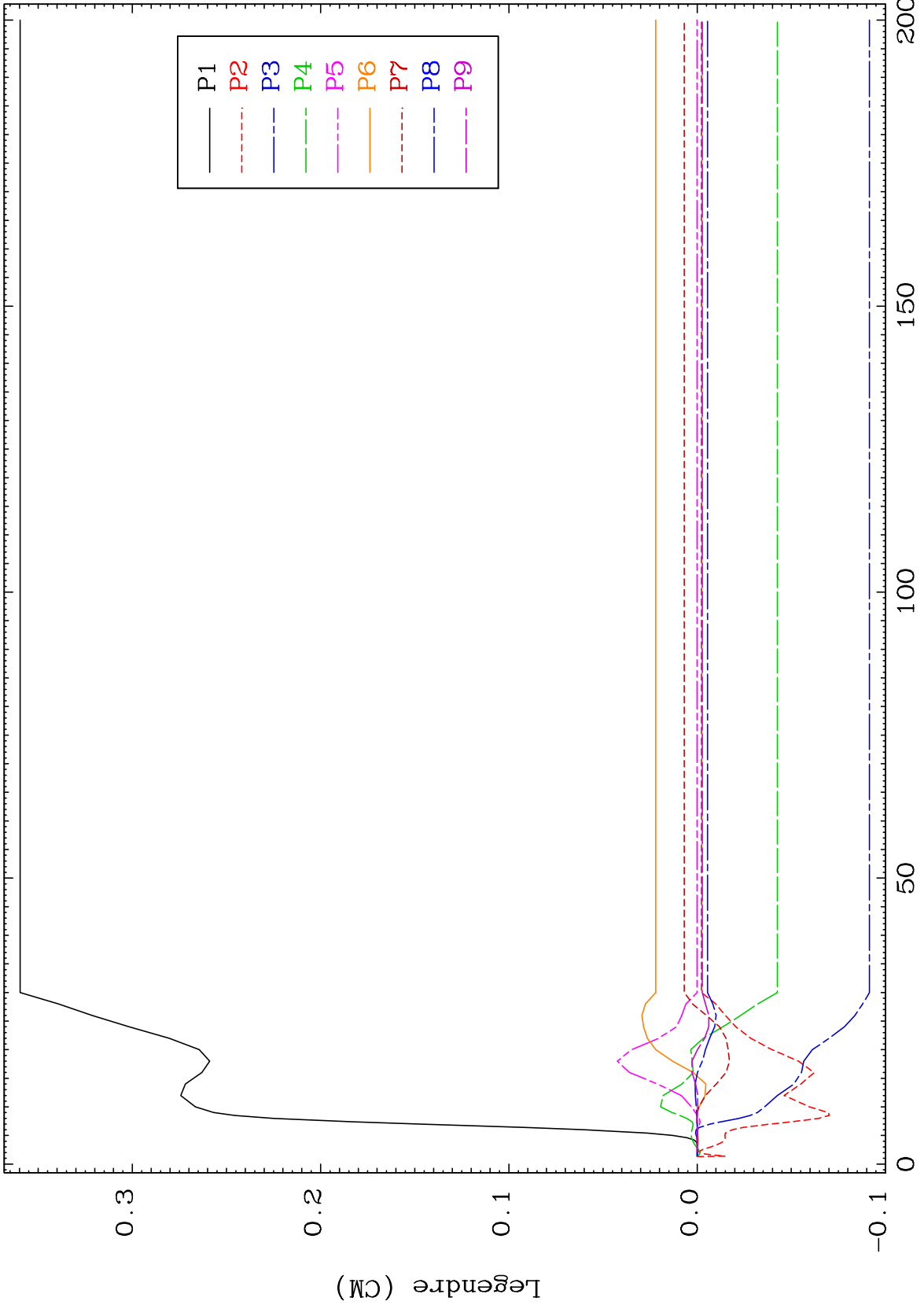
111

55-Cs-131

MAT 5519

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

55-Cs-131



112

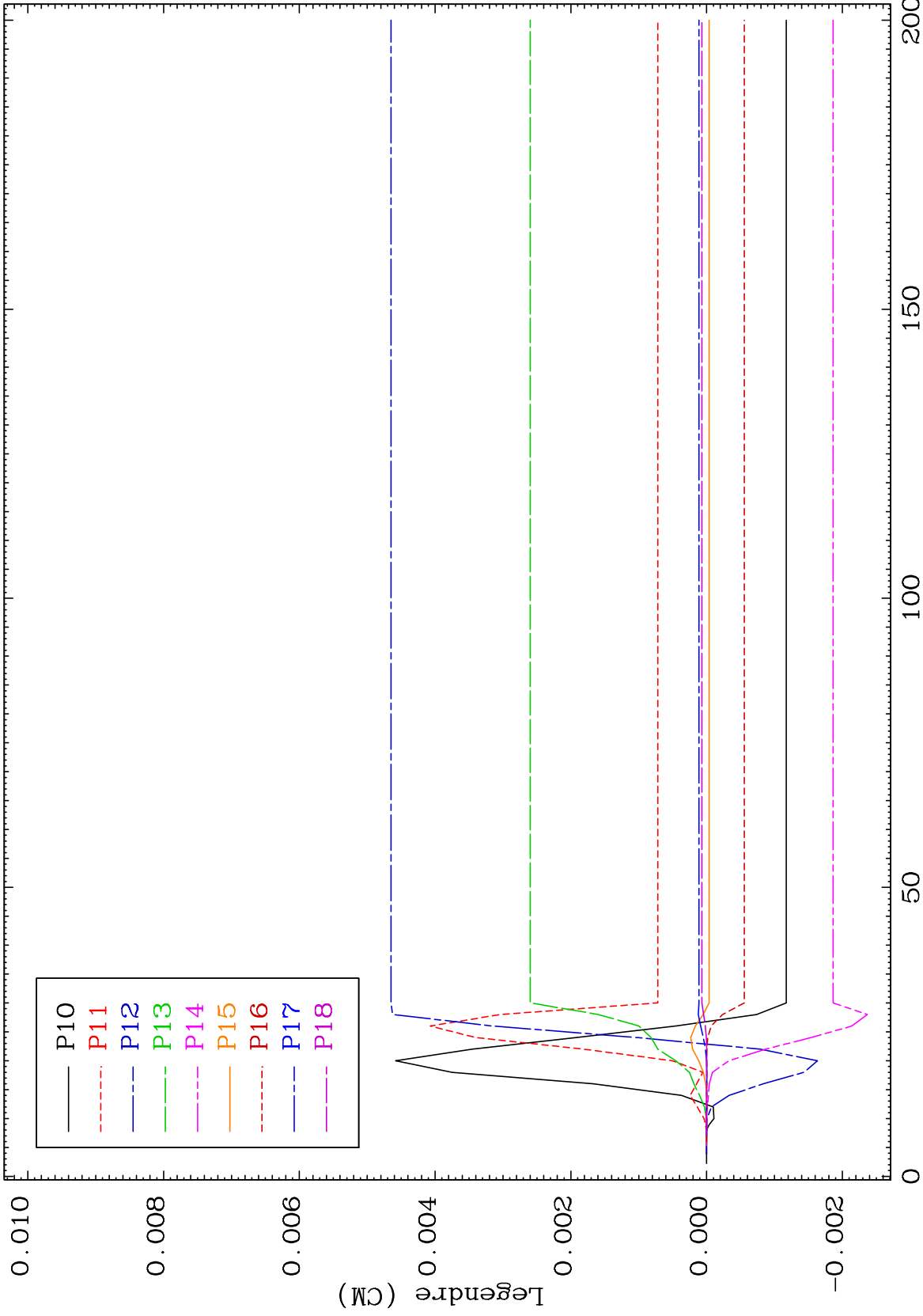
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



113

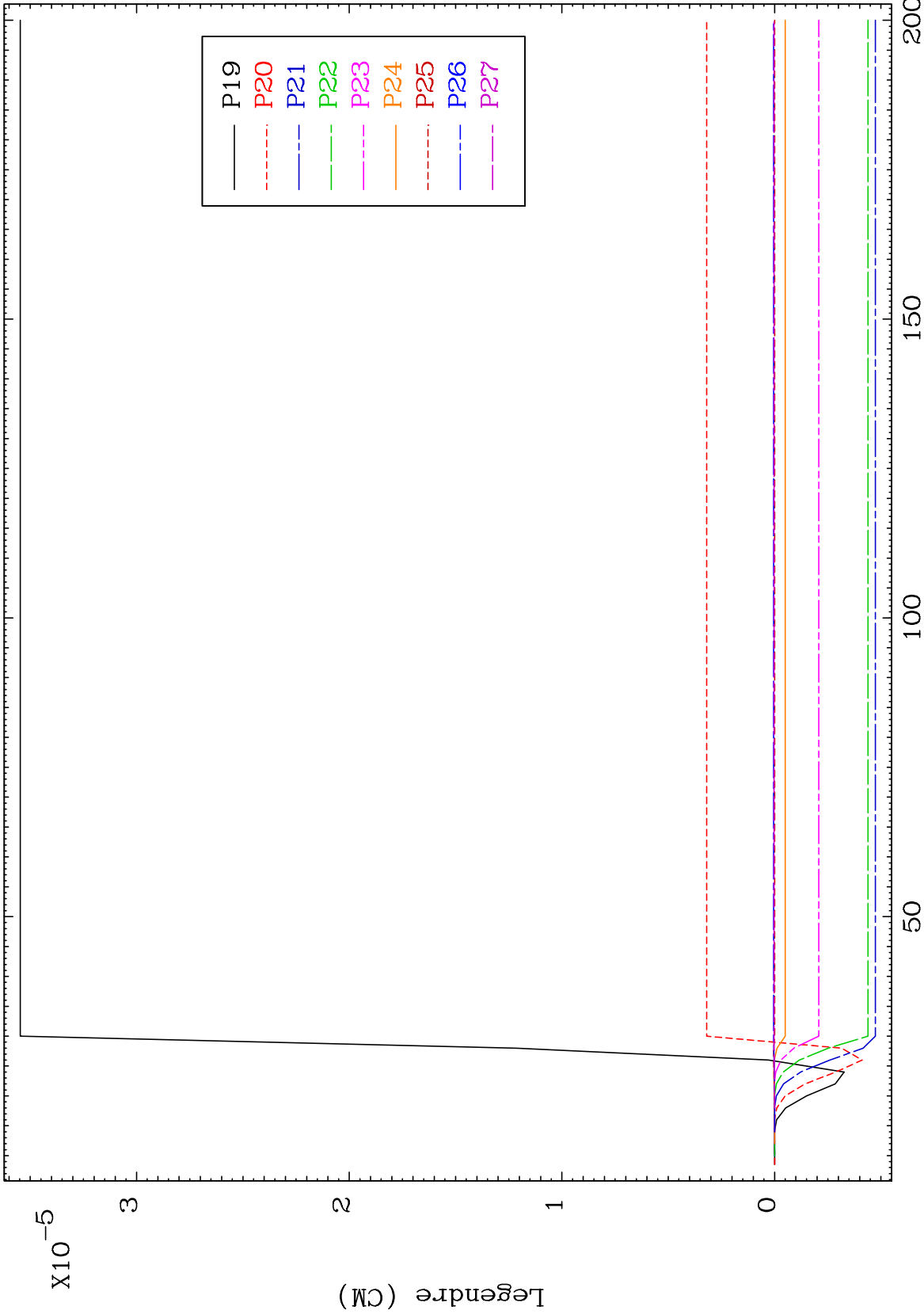
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



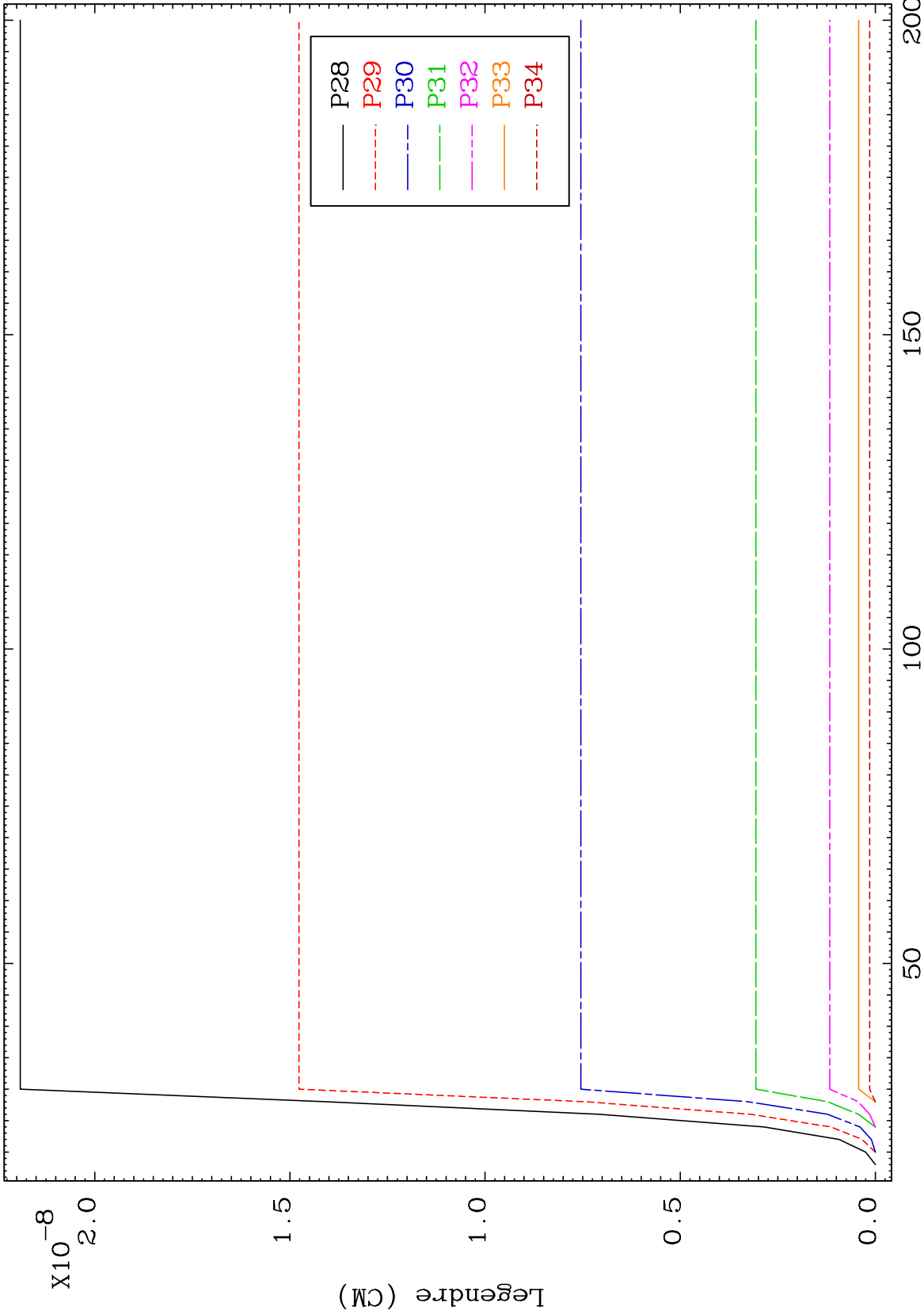
114

55-Cs-131

MAT 5519

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

55-Cs-131

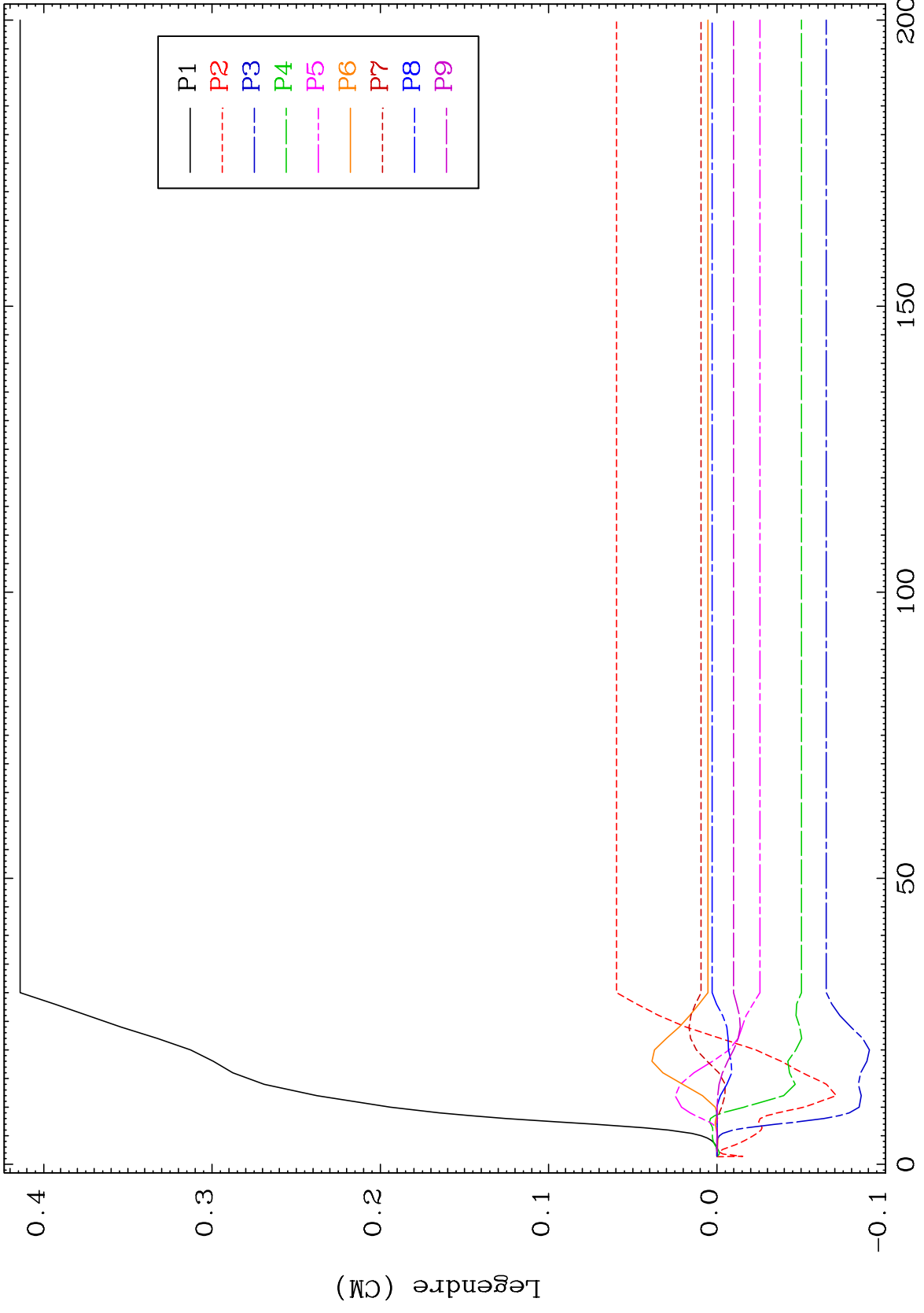


115

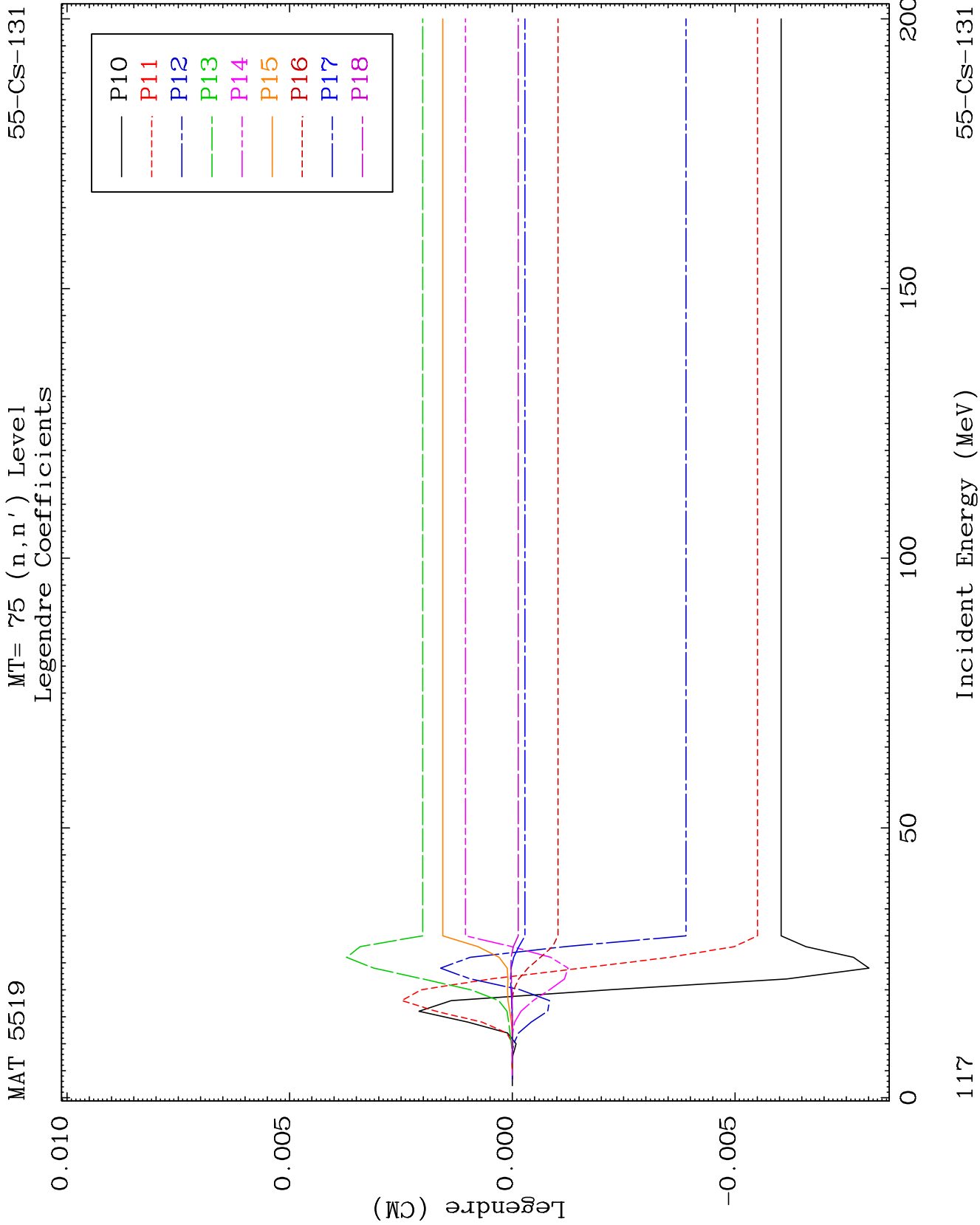
Incident Energy (MeV)

55-Cs-131

MAT 5519 MT= 75 (n,n') Level Legendre Coefficients 55-Cs-131



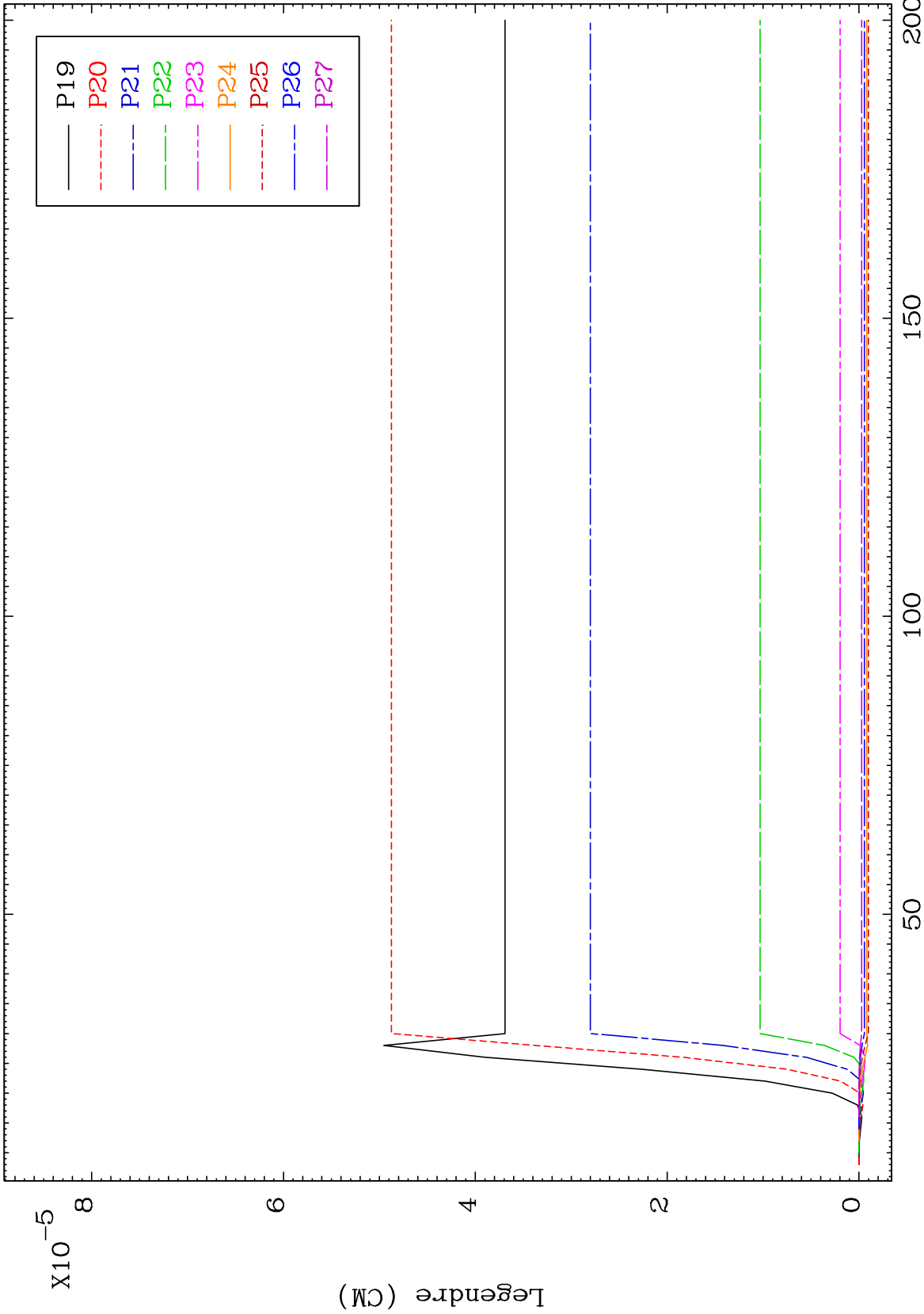
116 55-Cs-131



MAT 5519

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

55-Cs-131

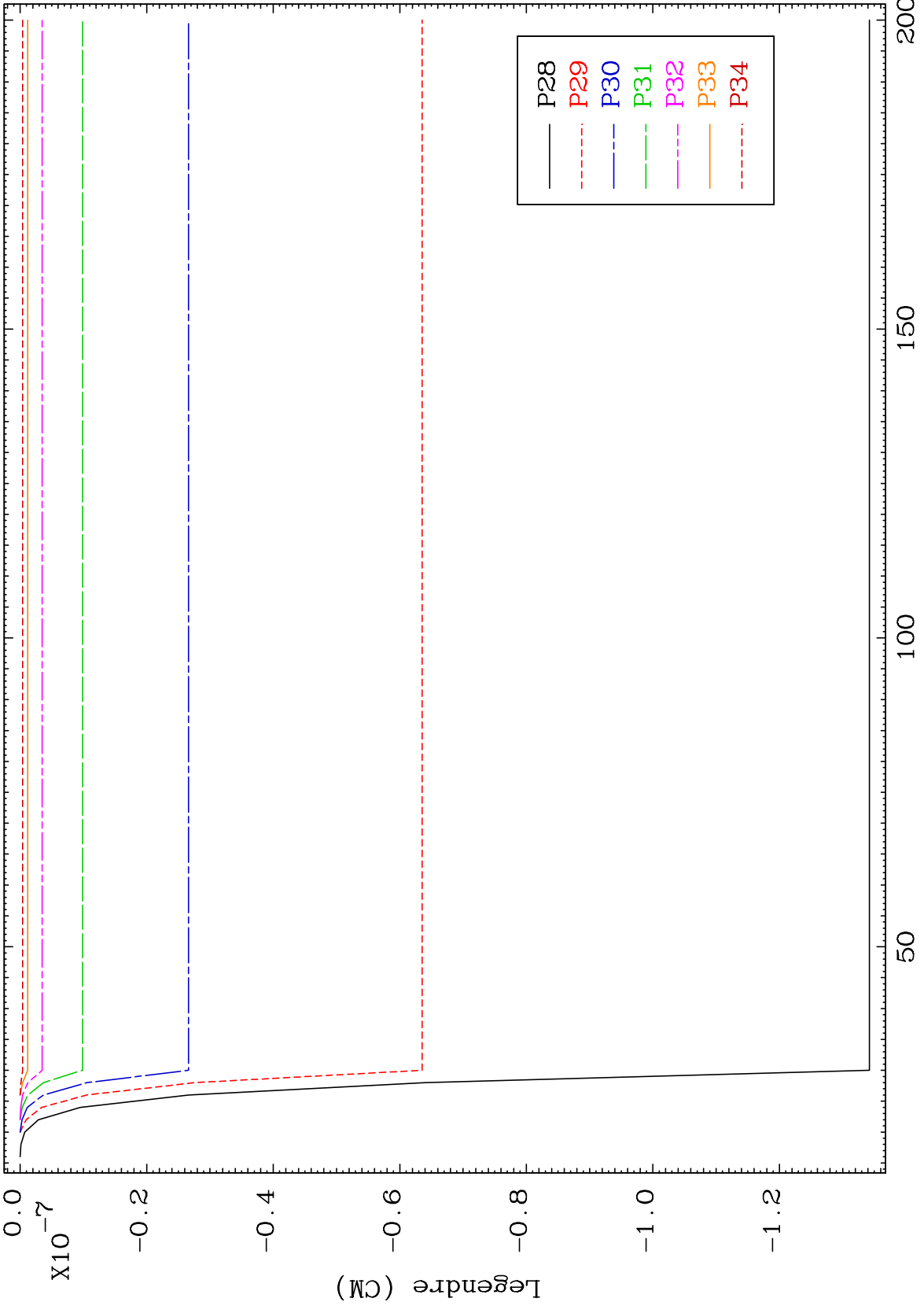


118

Incident Energy (MeV)

55-Cs-131

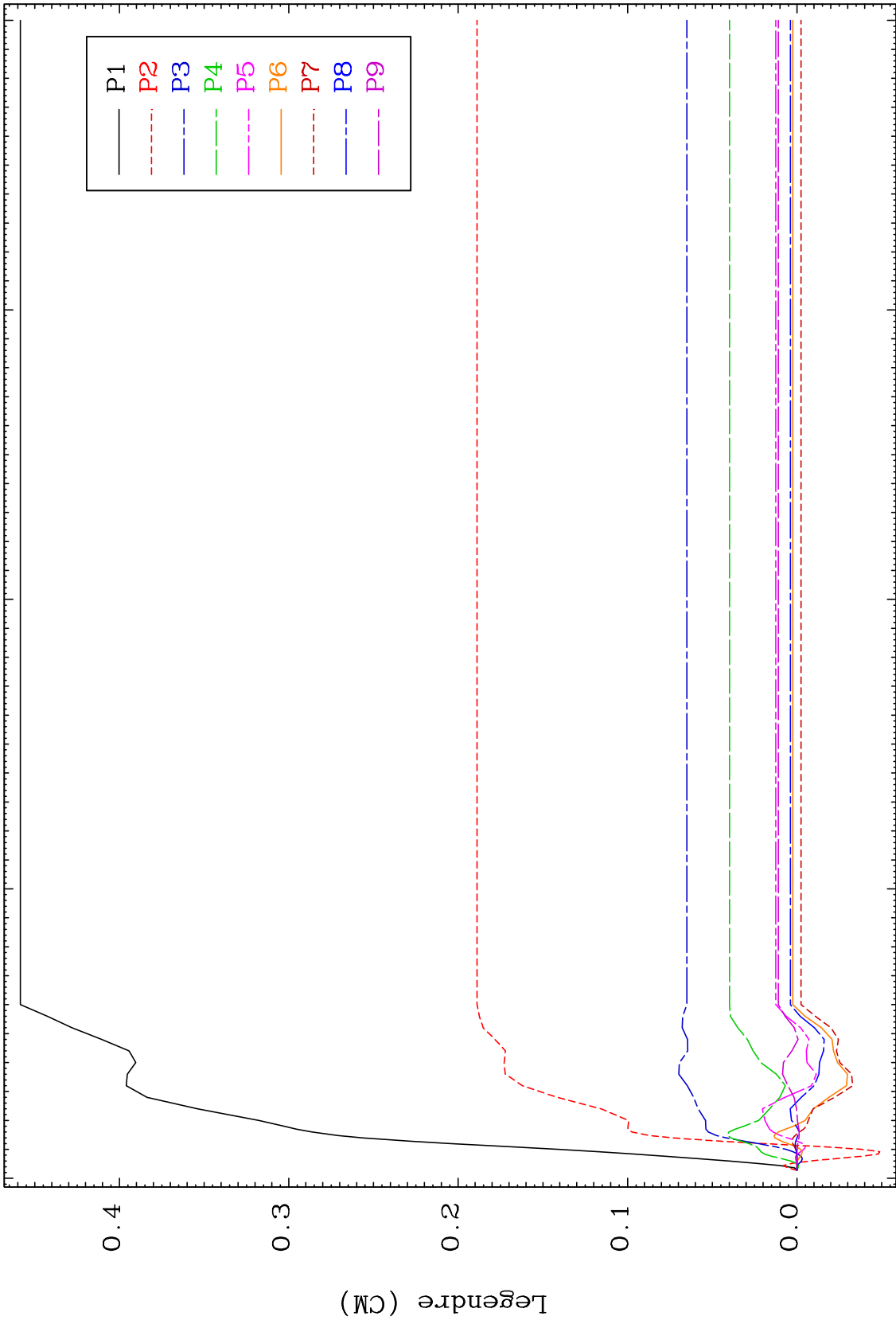
MAT 5519 MT= 75 (n,n') Level Legendre Coefficients 55-Cs-131



MAT 5519

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

55-Cs-131



55-Cs-131

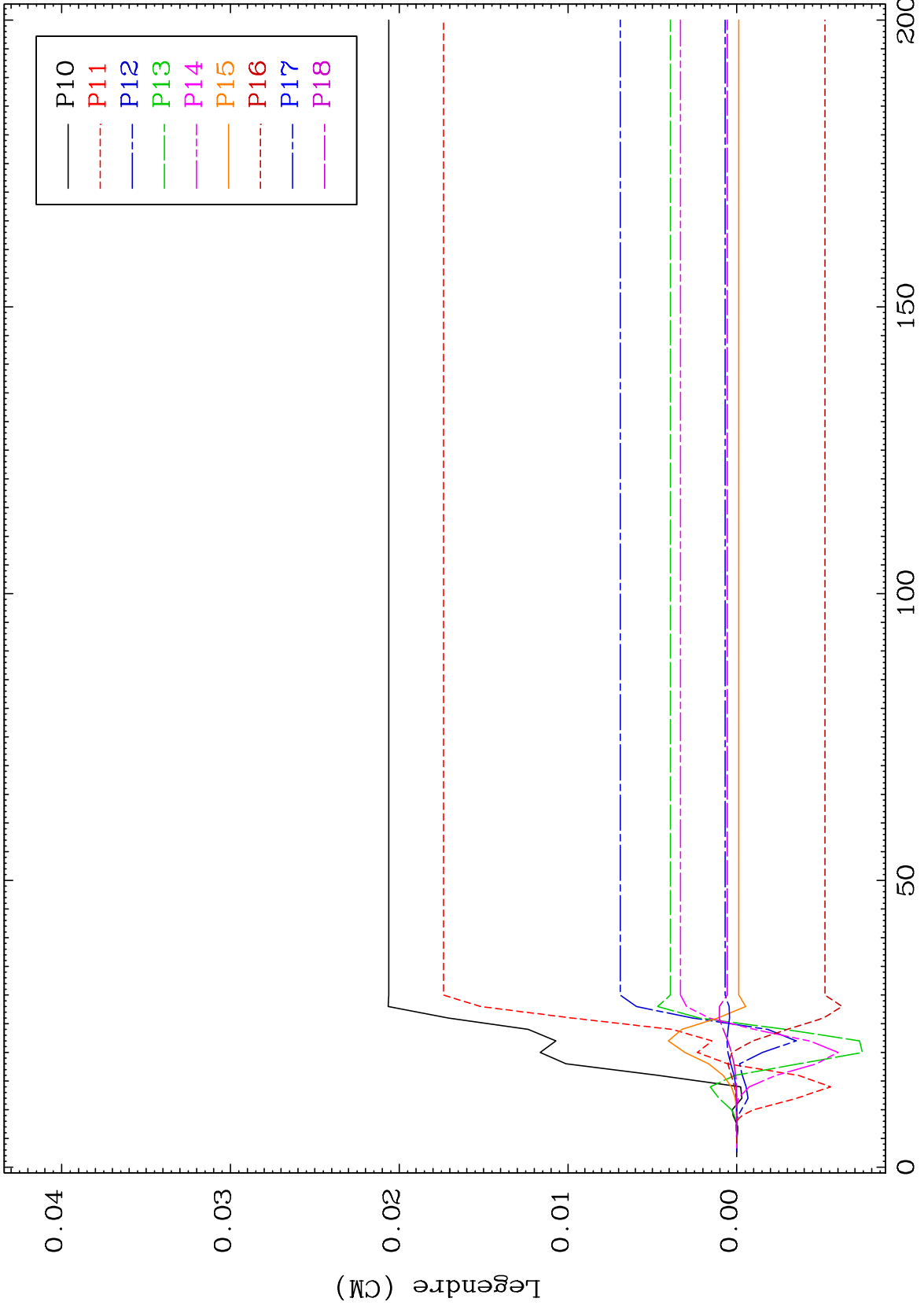
Incident Energy (MeV)

120

MAT 5519

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

55-Cs-131



121

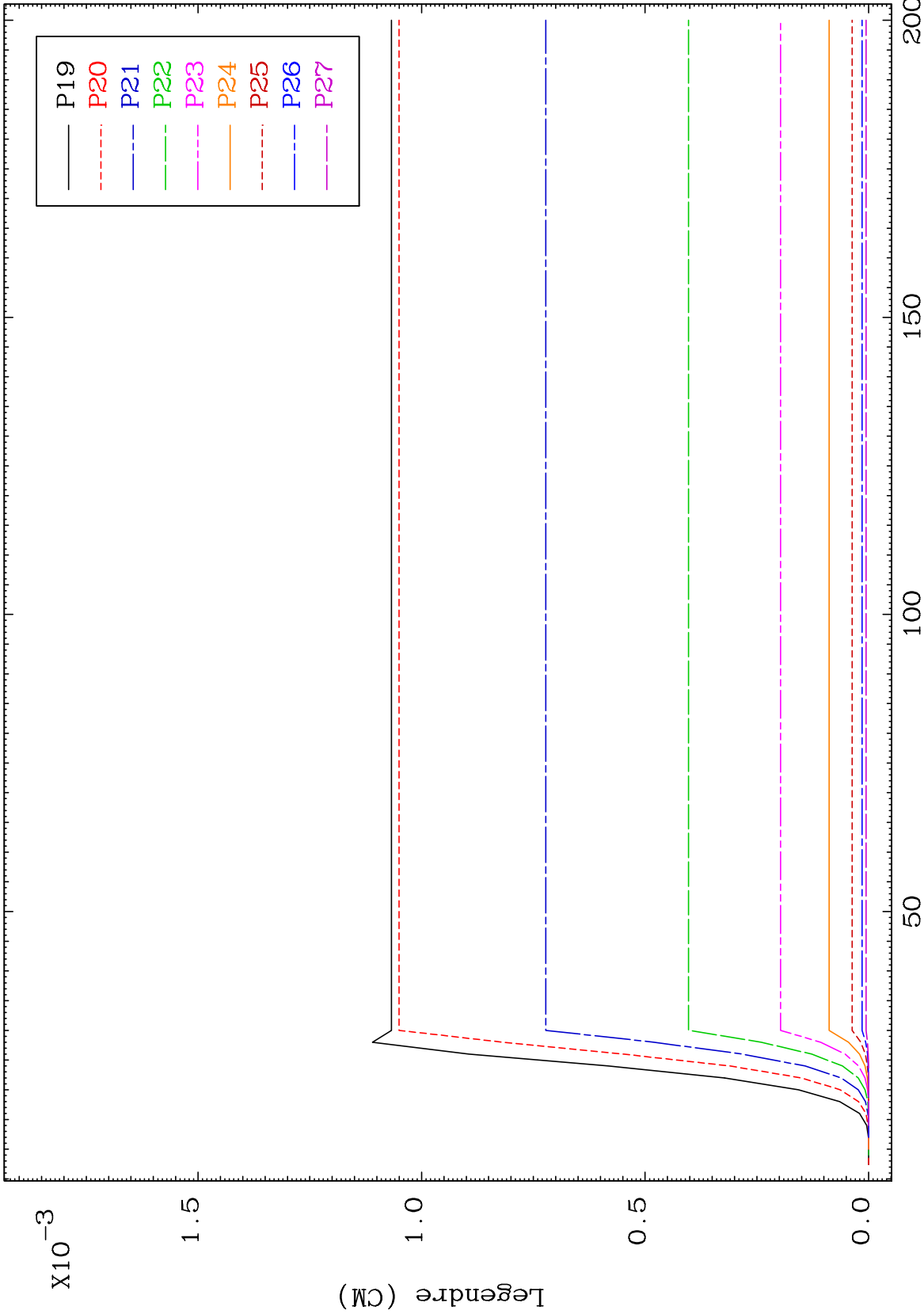
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



122

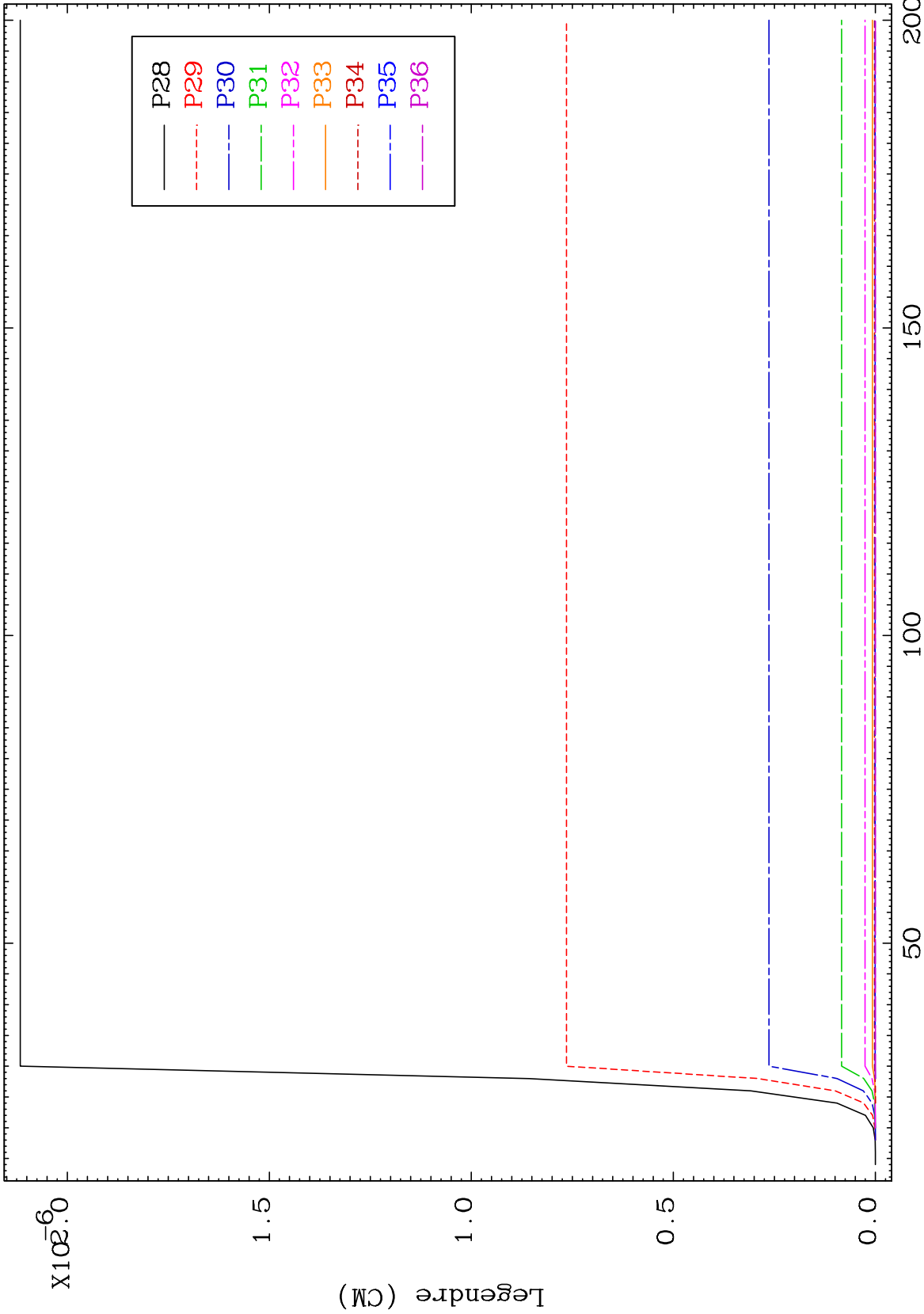
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



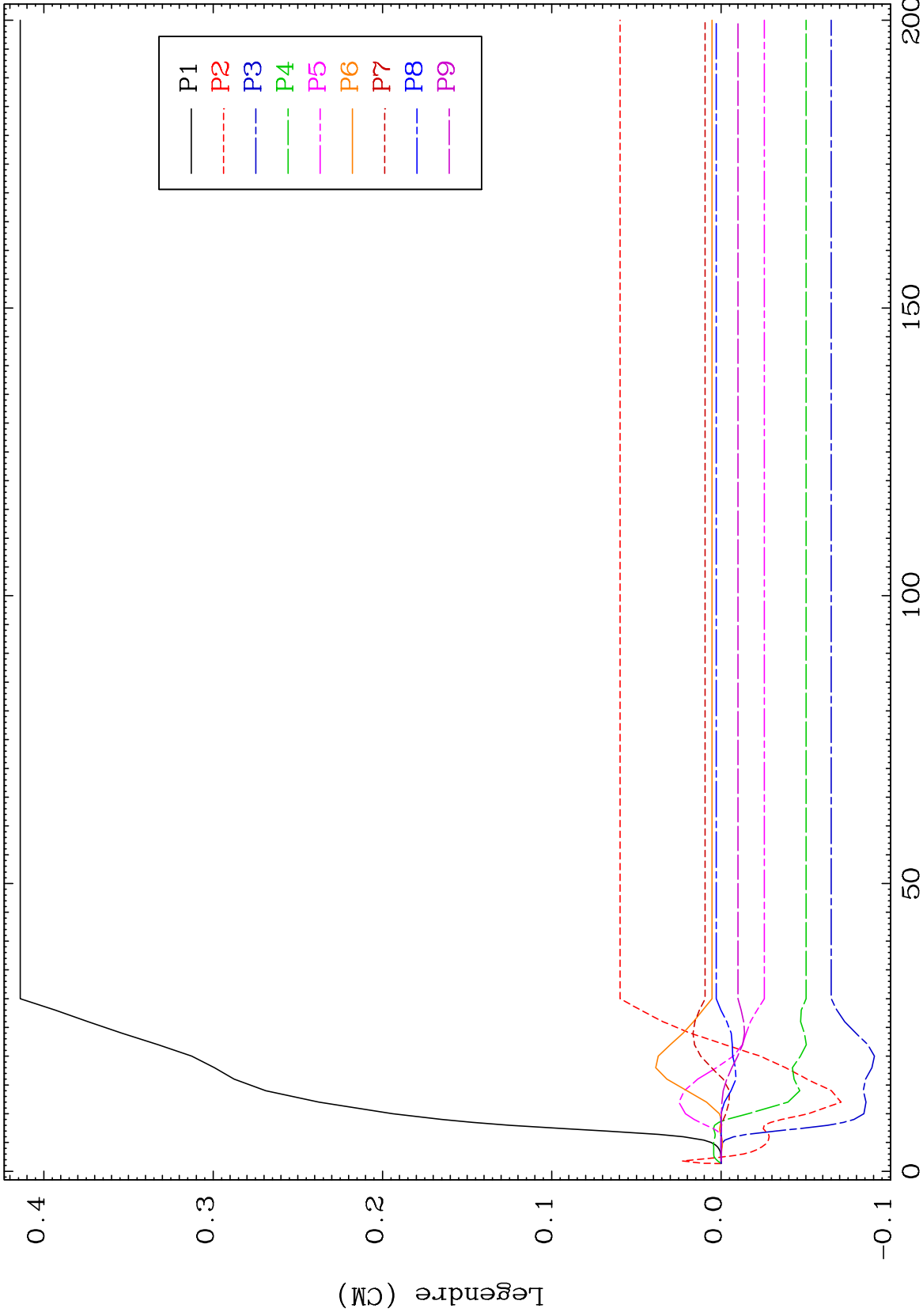
123

55-Cs-131

MAT 5519

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

55-Cs-131



124

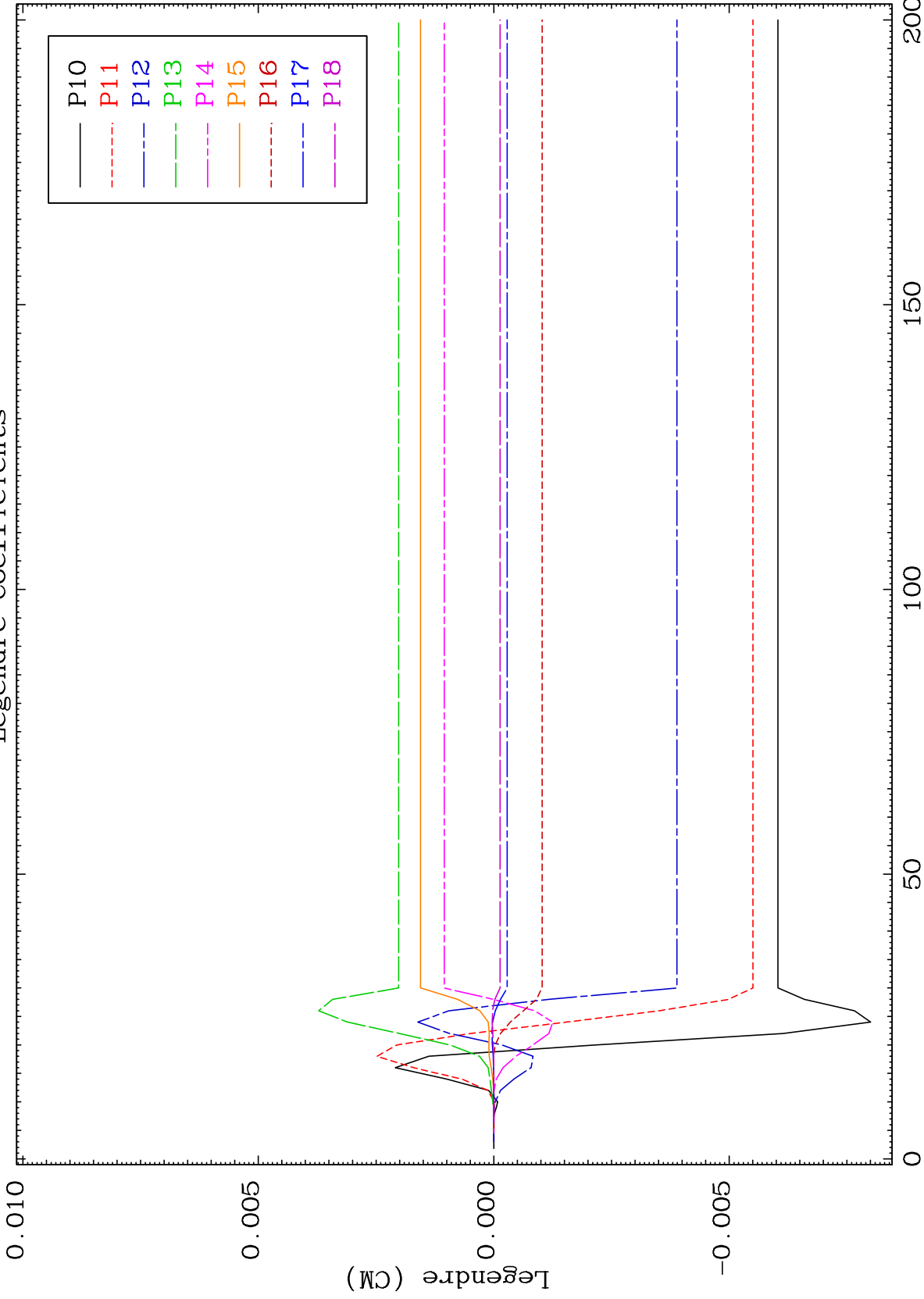
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



125

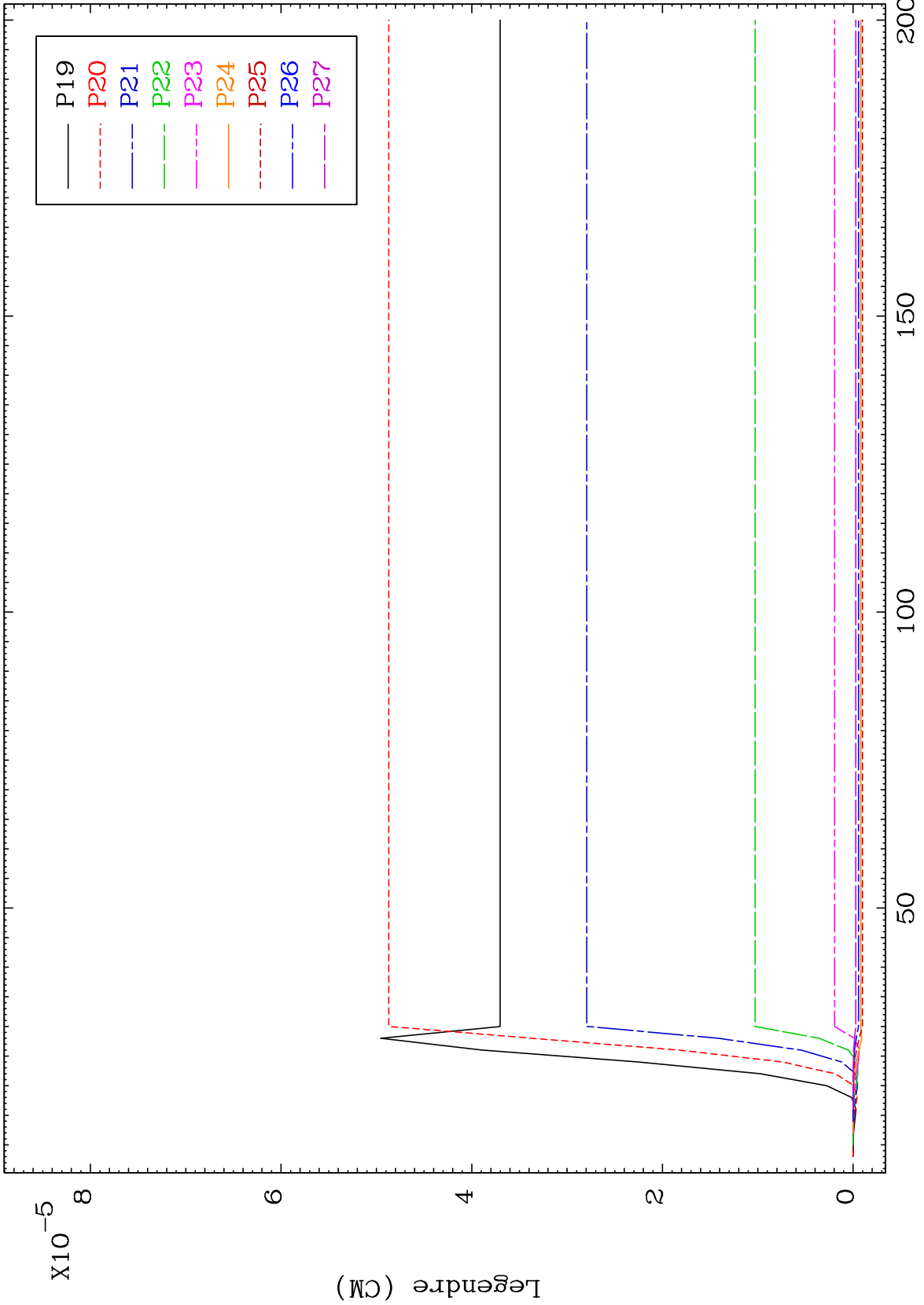
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131

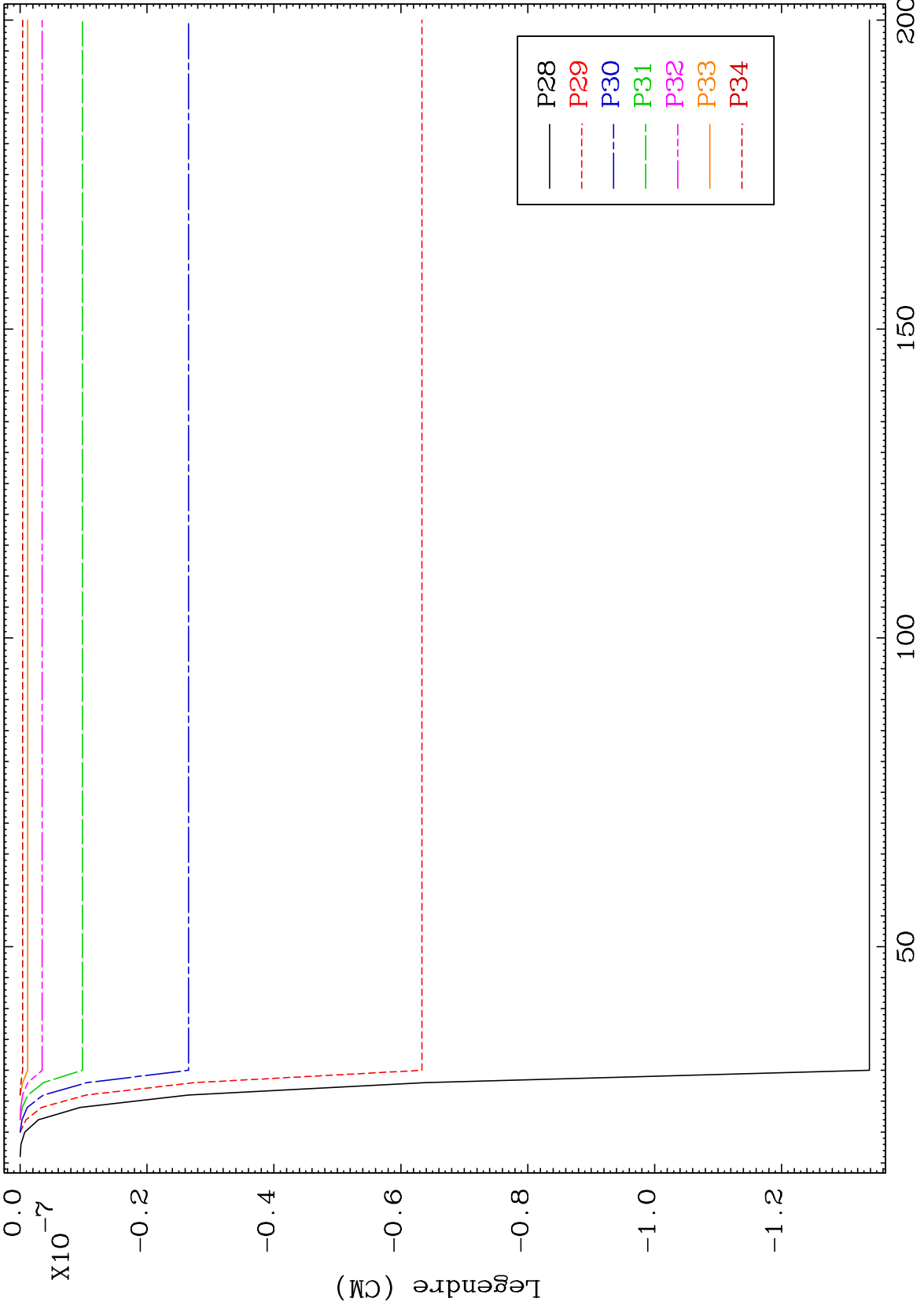


126

Incident Energy (MeV)

55-Cs-131

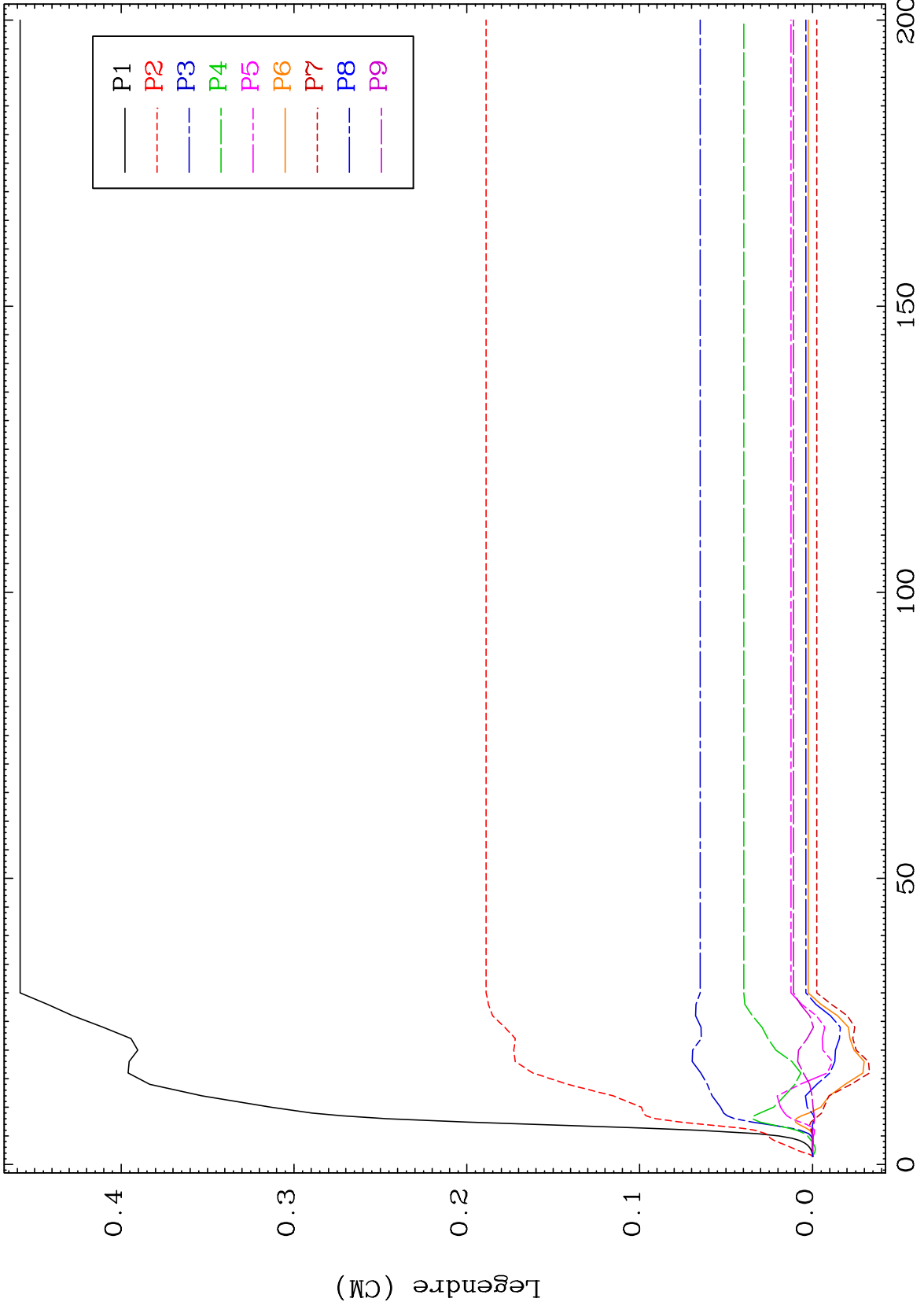
MAT 5519 MT= 77 (n,n') Level Legendre Coefficients 55-Cs-131



MAT 5519

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

55-Cs-131



128

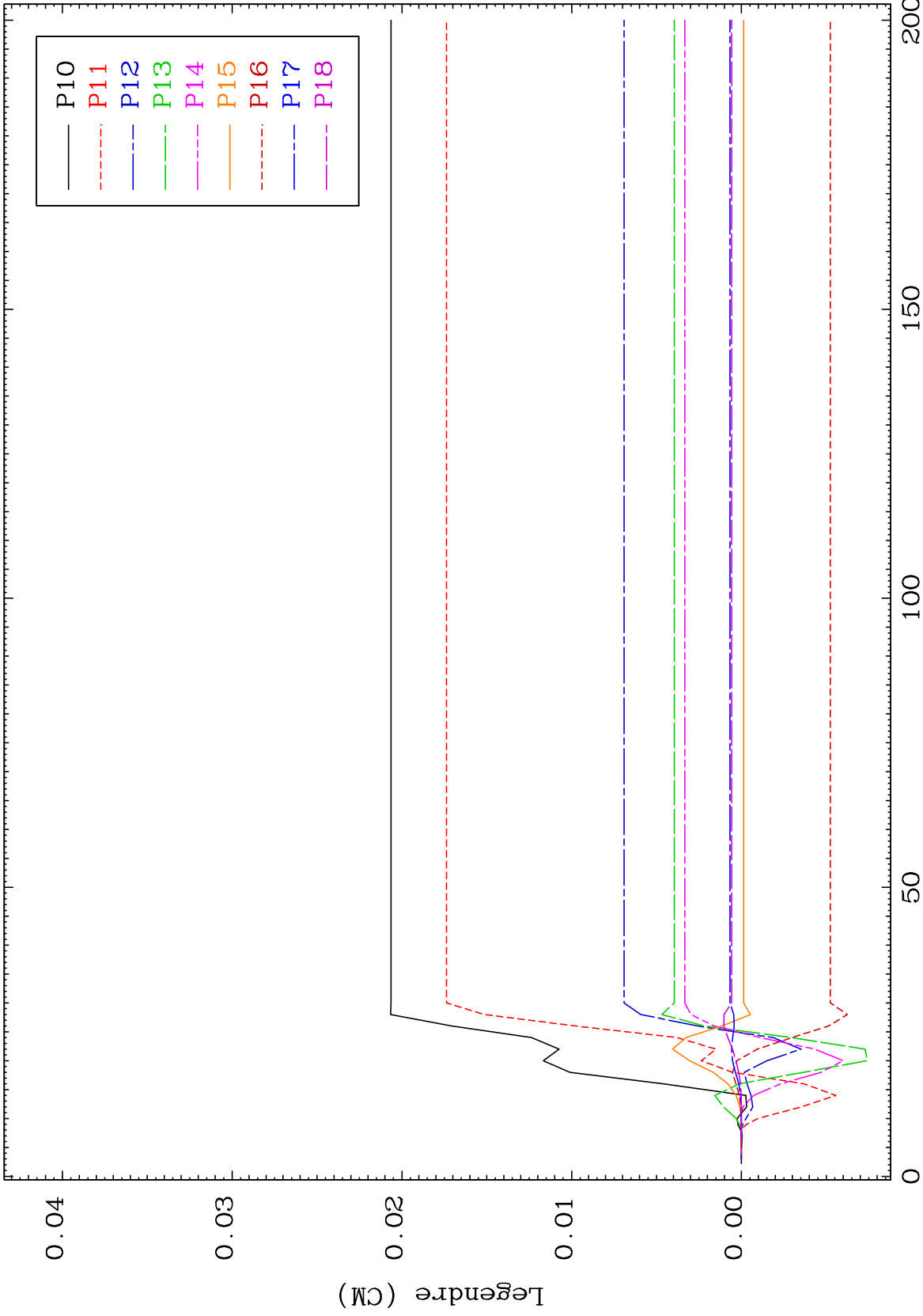
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



129

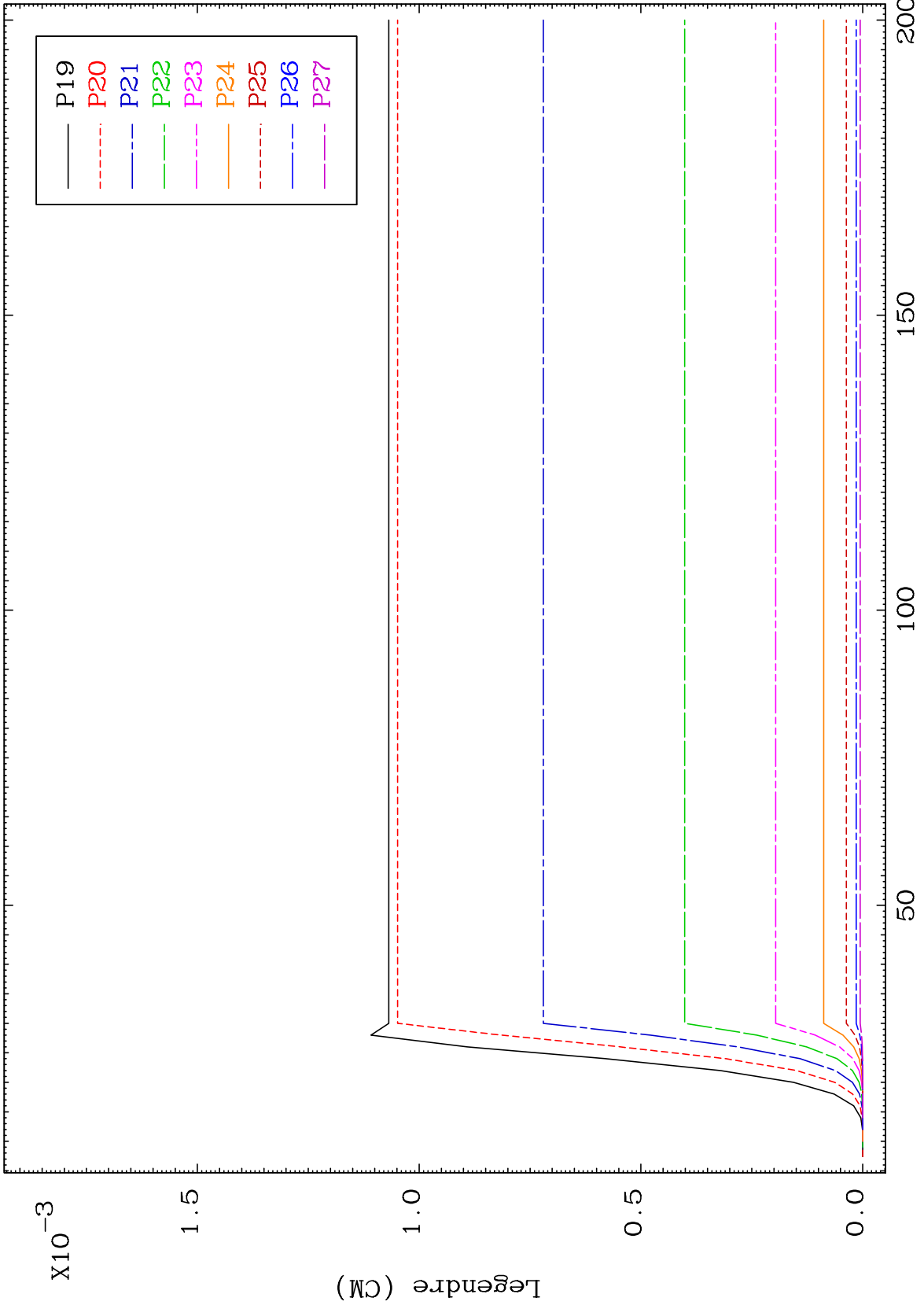
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131

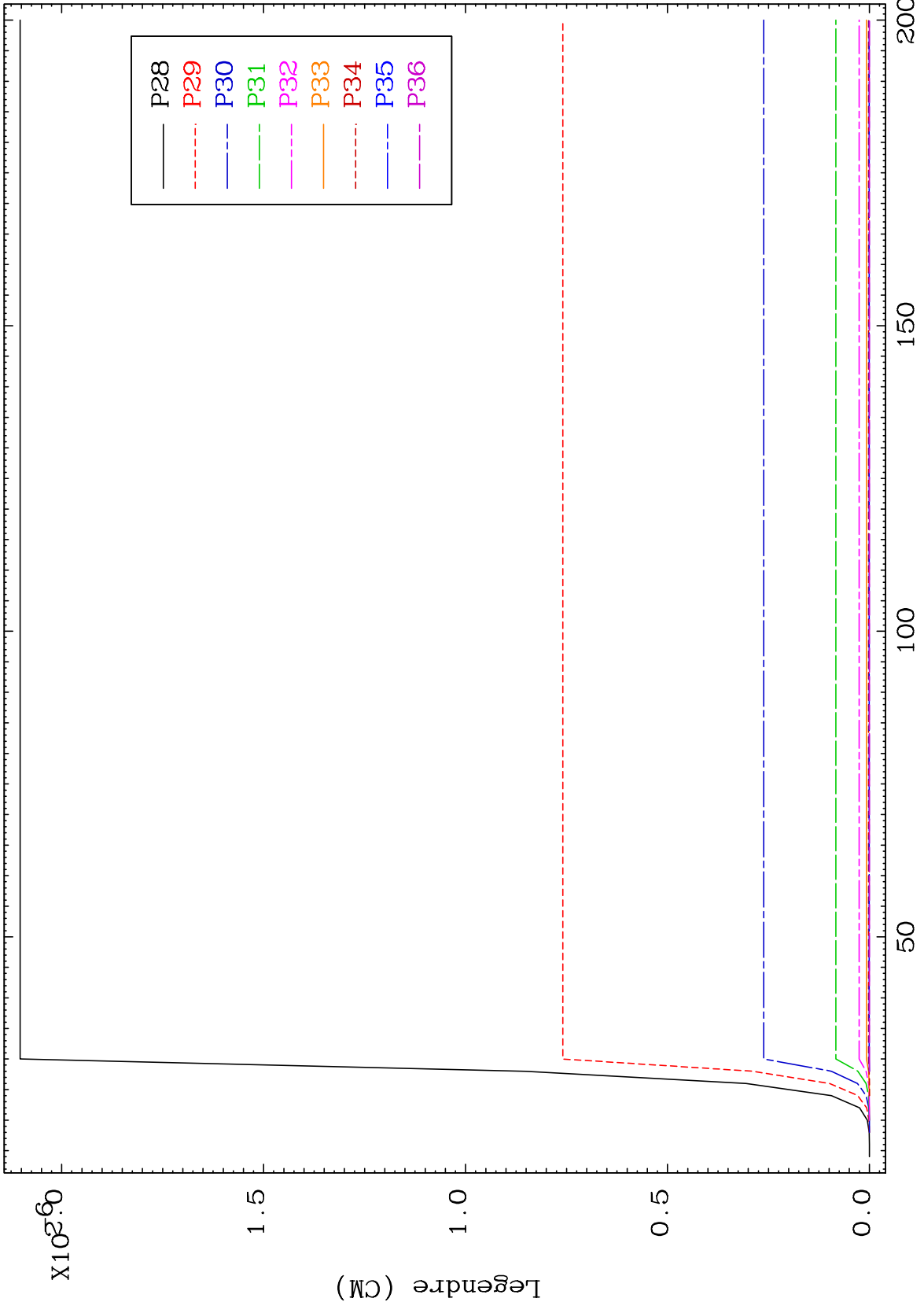


130

Incident Energy (MeV)

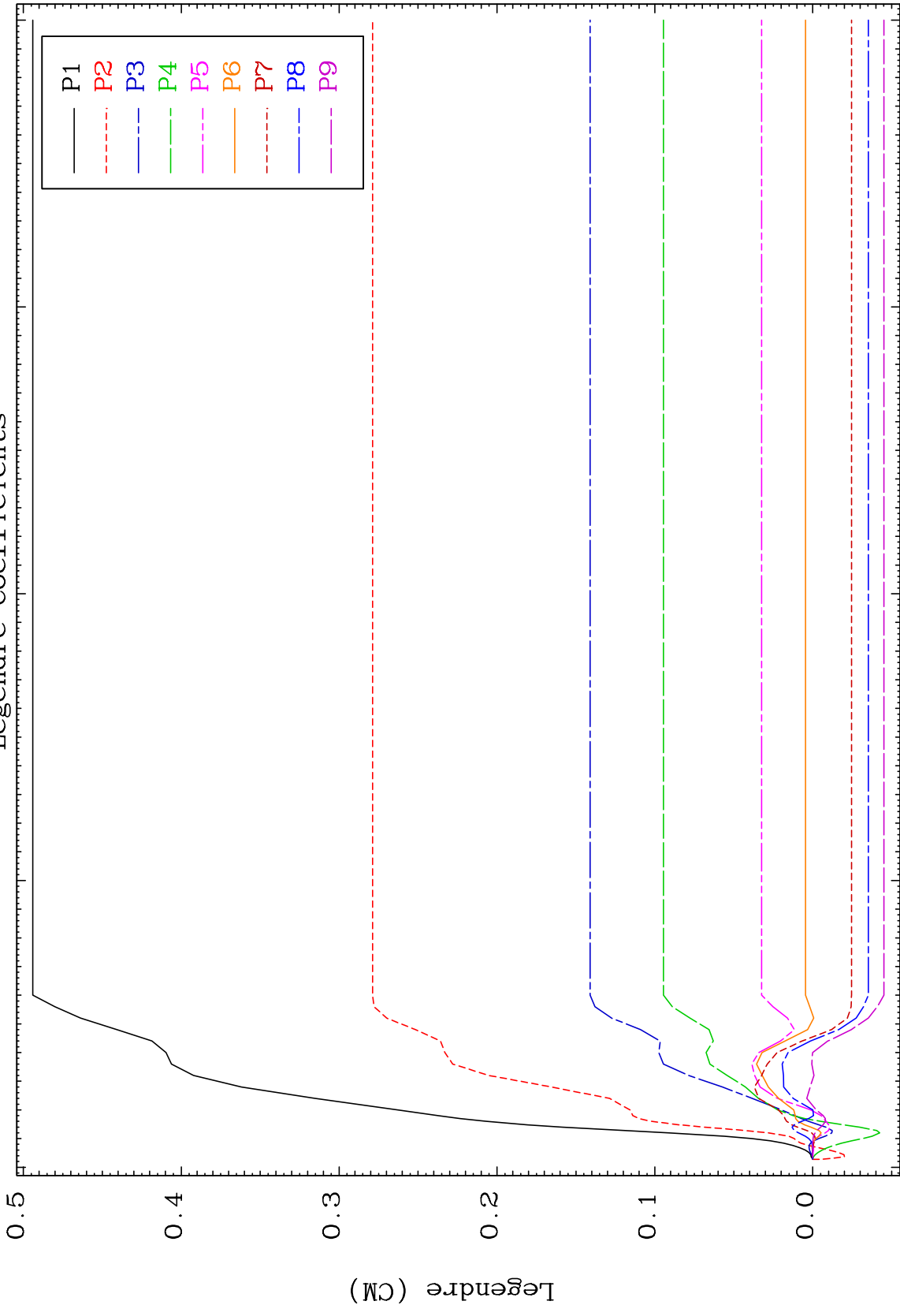
55-Cs-131

MAT 5519 MT= 78 (n,n') Level Legendre Coefficients 55-Cs-131

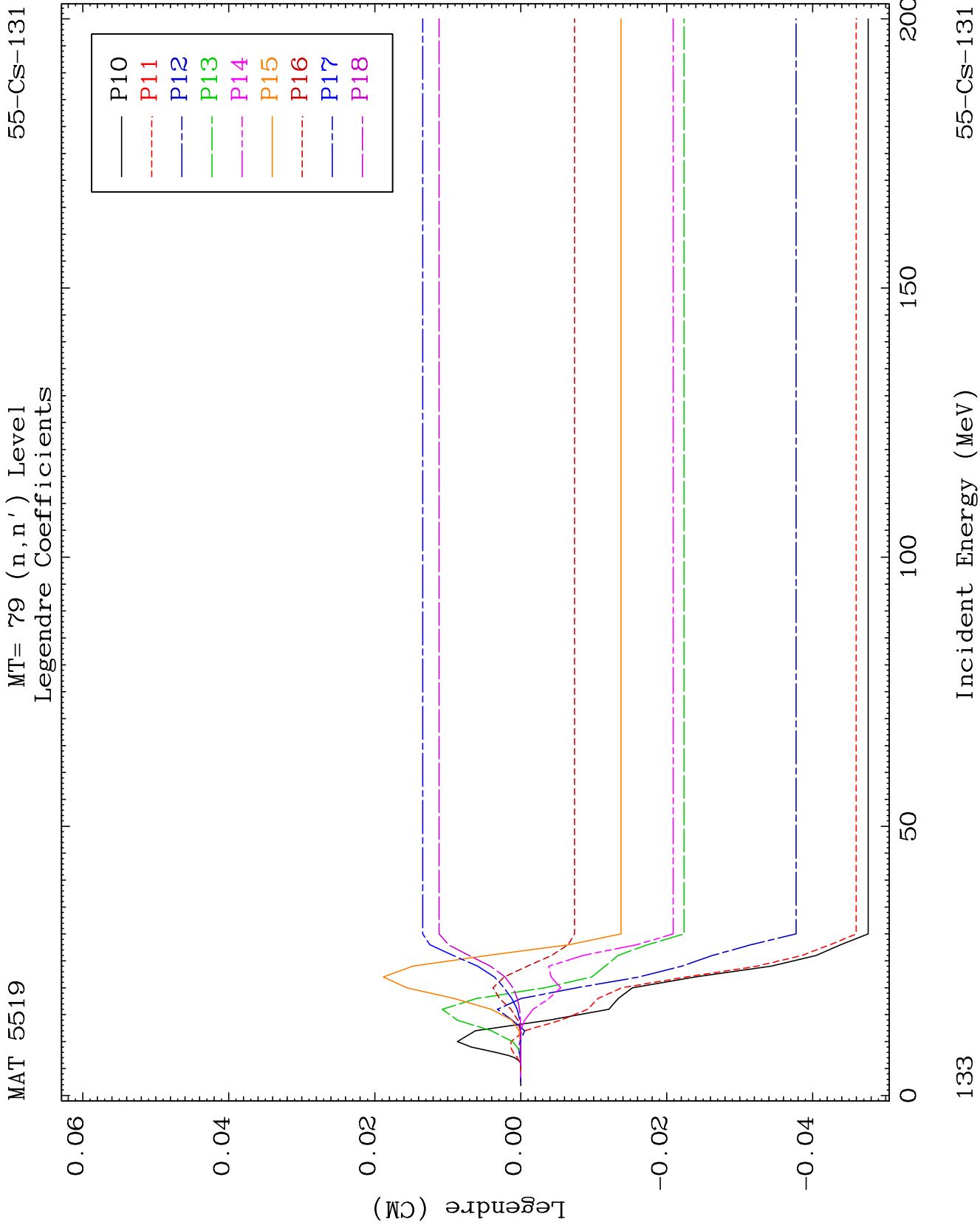


131 55-Cs-131

MAT 5519 MT= 79 (n,n') Level Legendre Coefficients 55-Cs-131



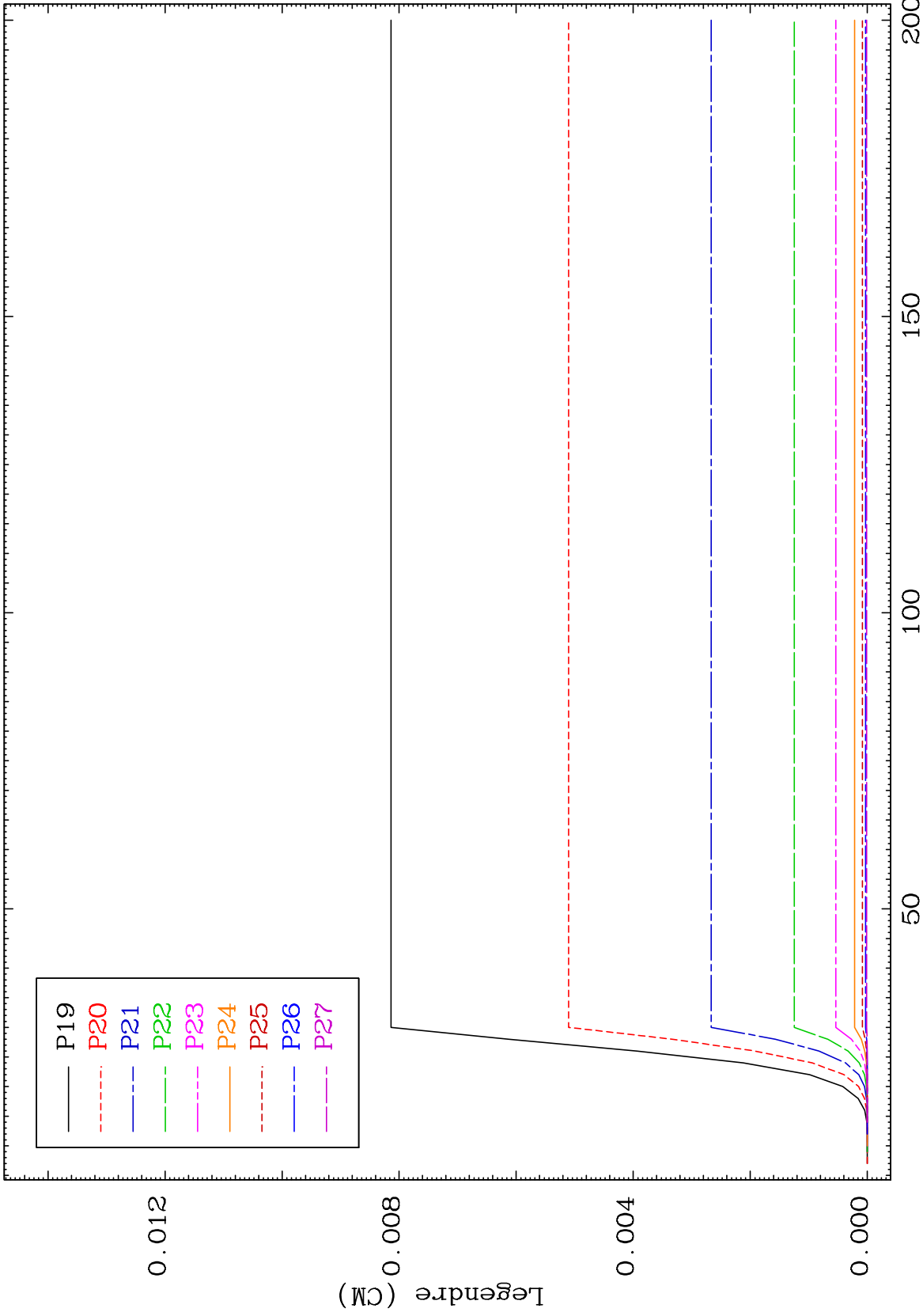
132 Incident Energy (MeV) 55-Cs-131



MAT 5519

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

55-Cs-131



55-Cs-131

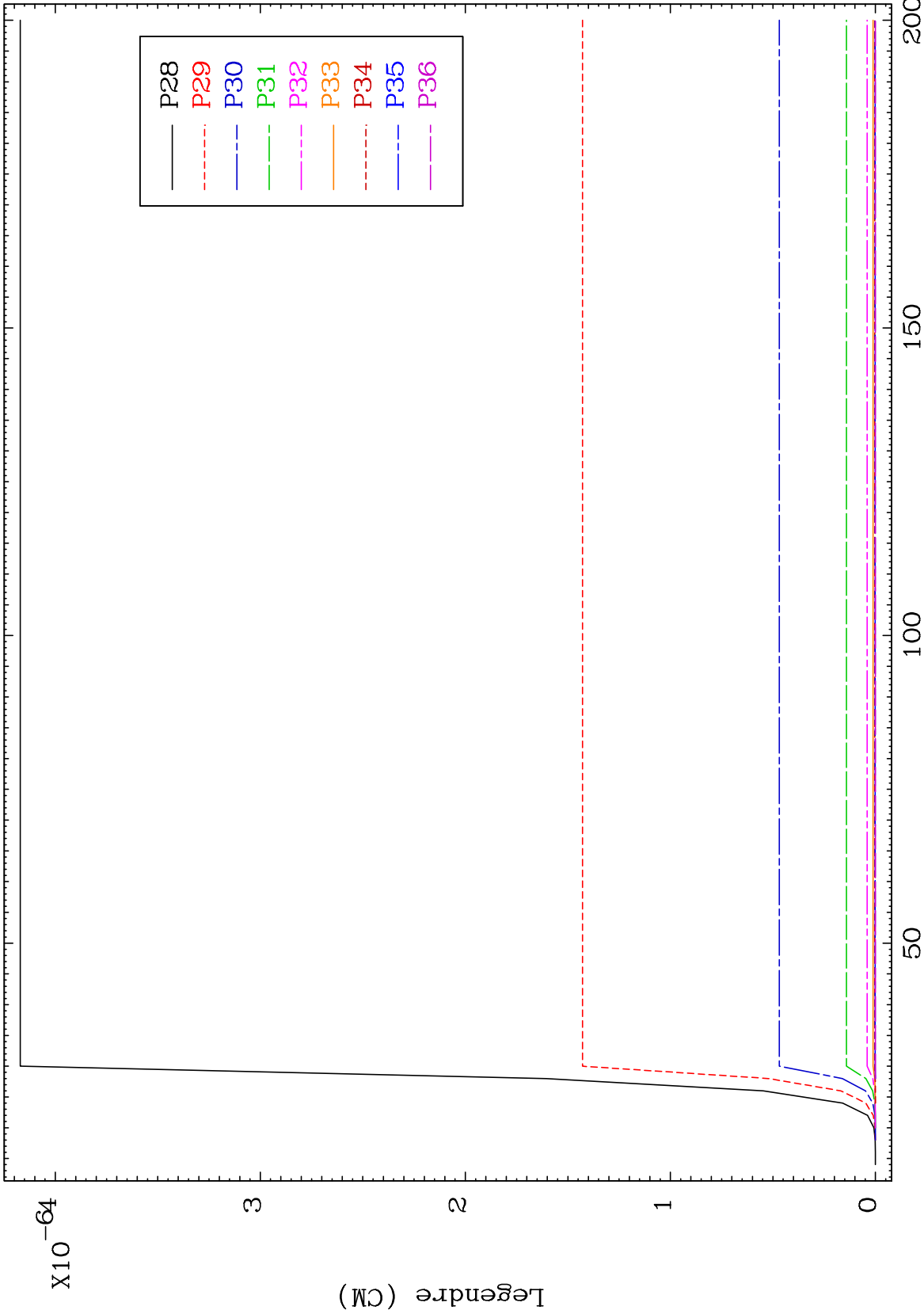
Incident Energy (MeV)

134

MAT 5519

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

55-Cs-131



135

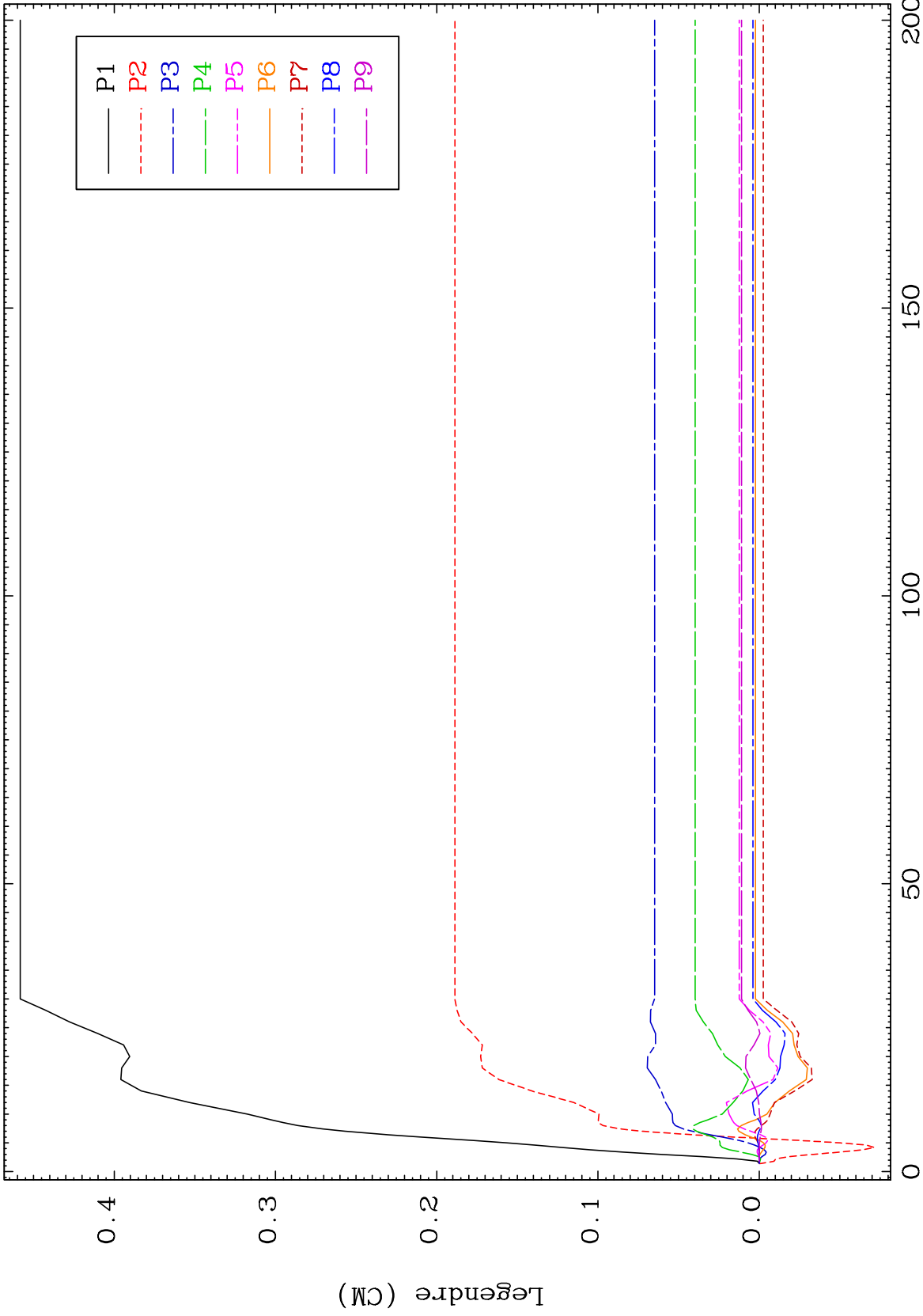
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



136

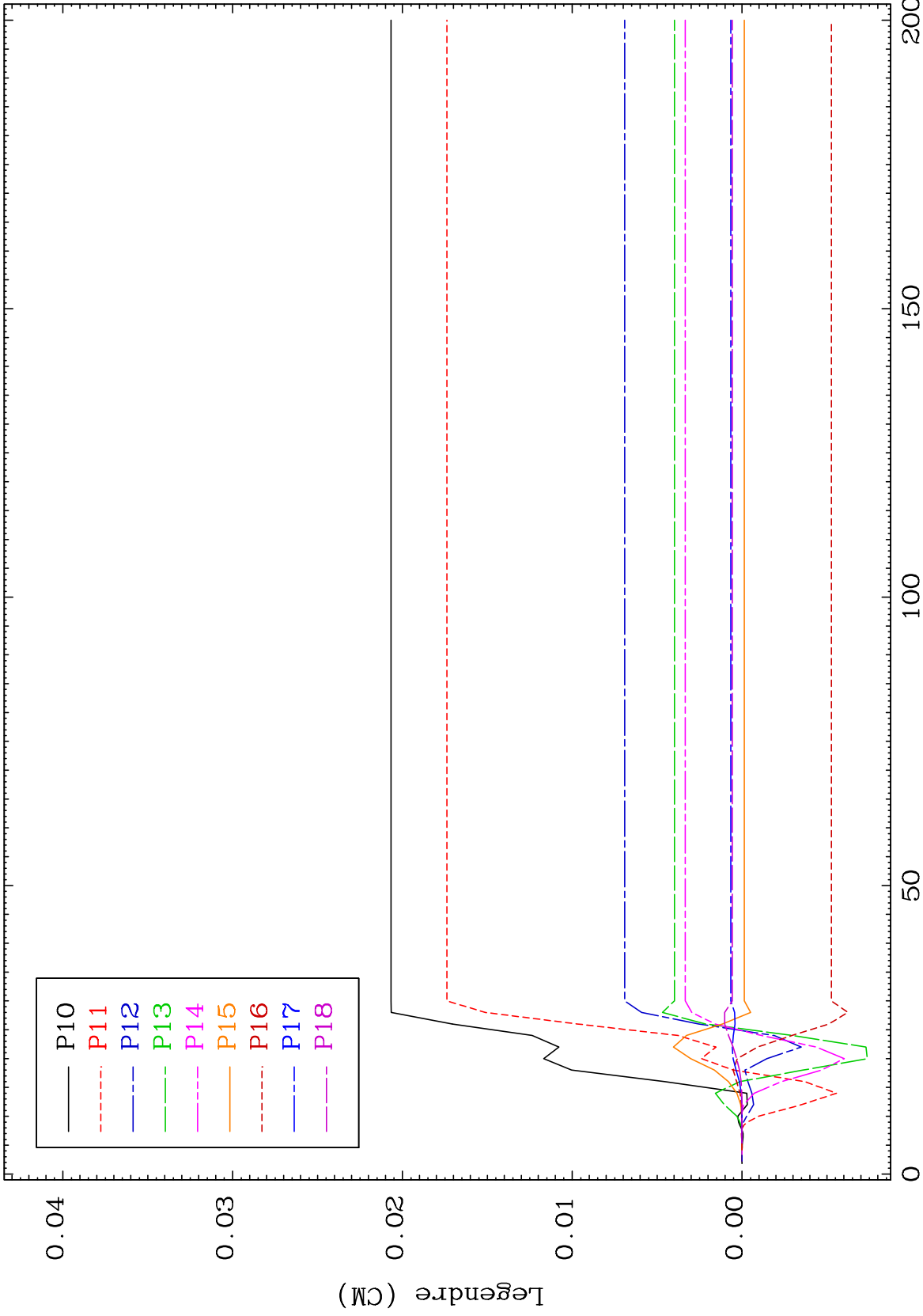
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



137

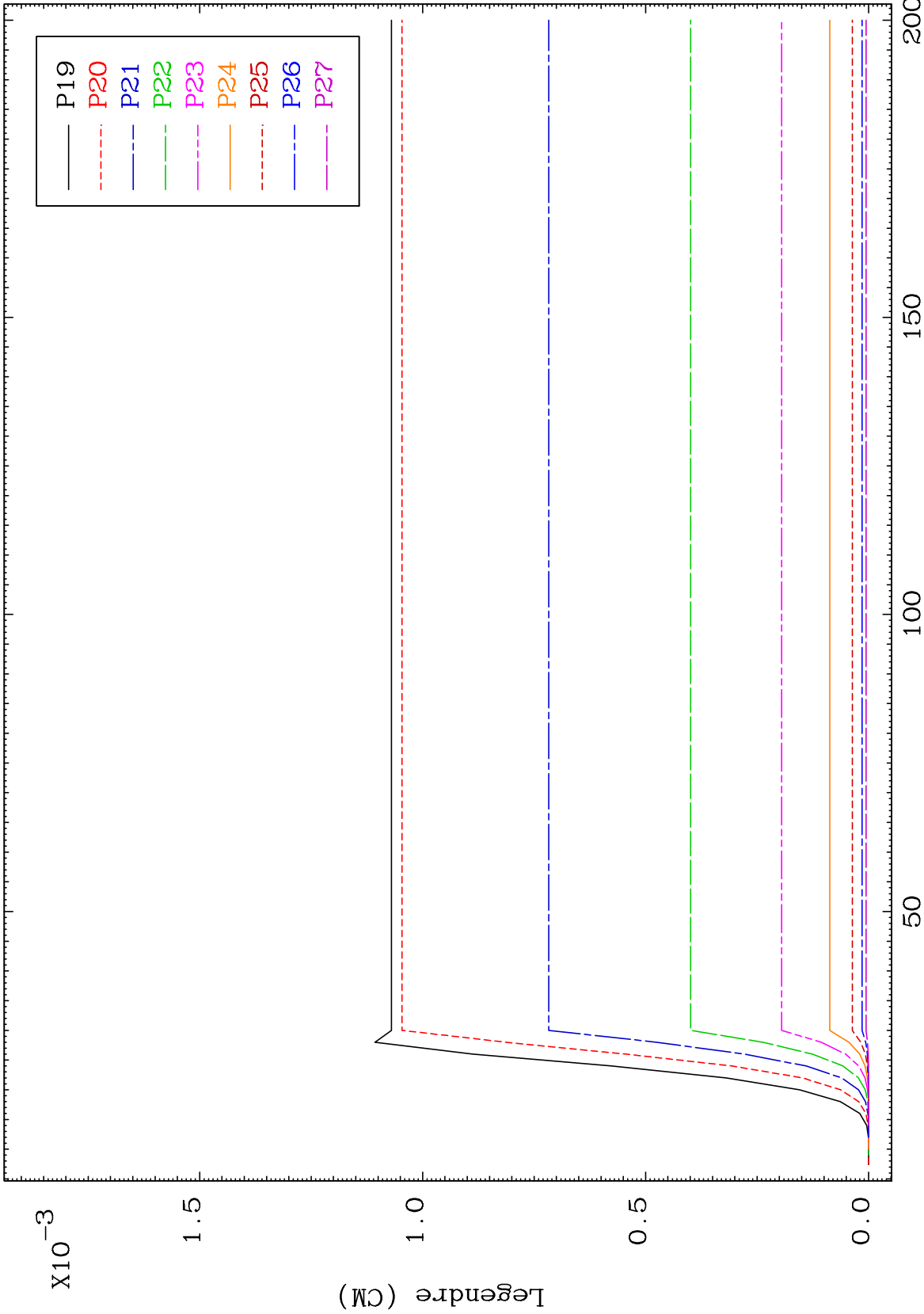
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

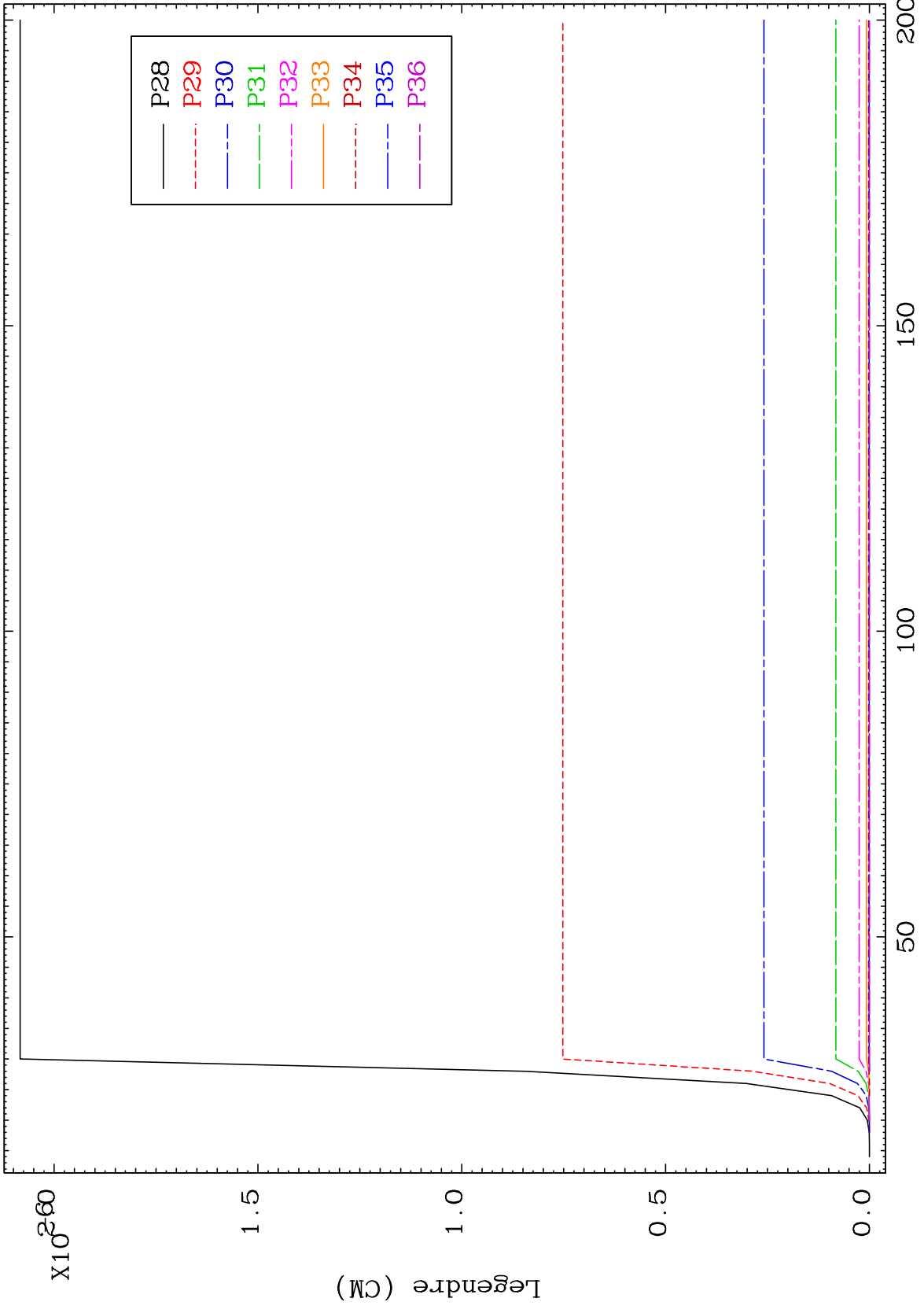
55-Cs-131



138

55-Cs-131

MAT 5519 MT= 80 (n,n') Level Legendre Coefficients 55-Cs-131

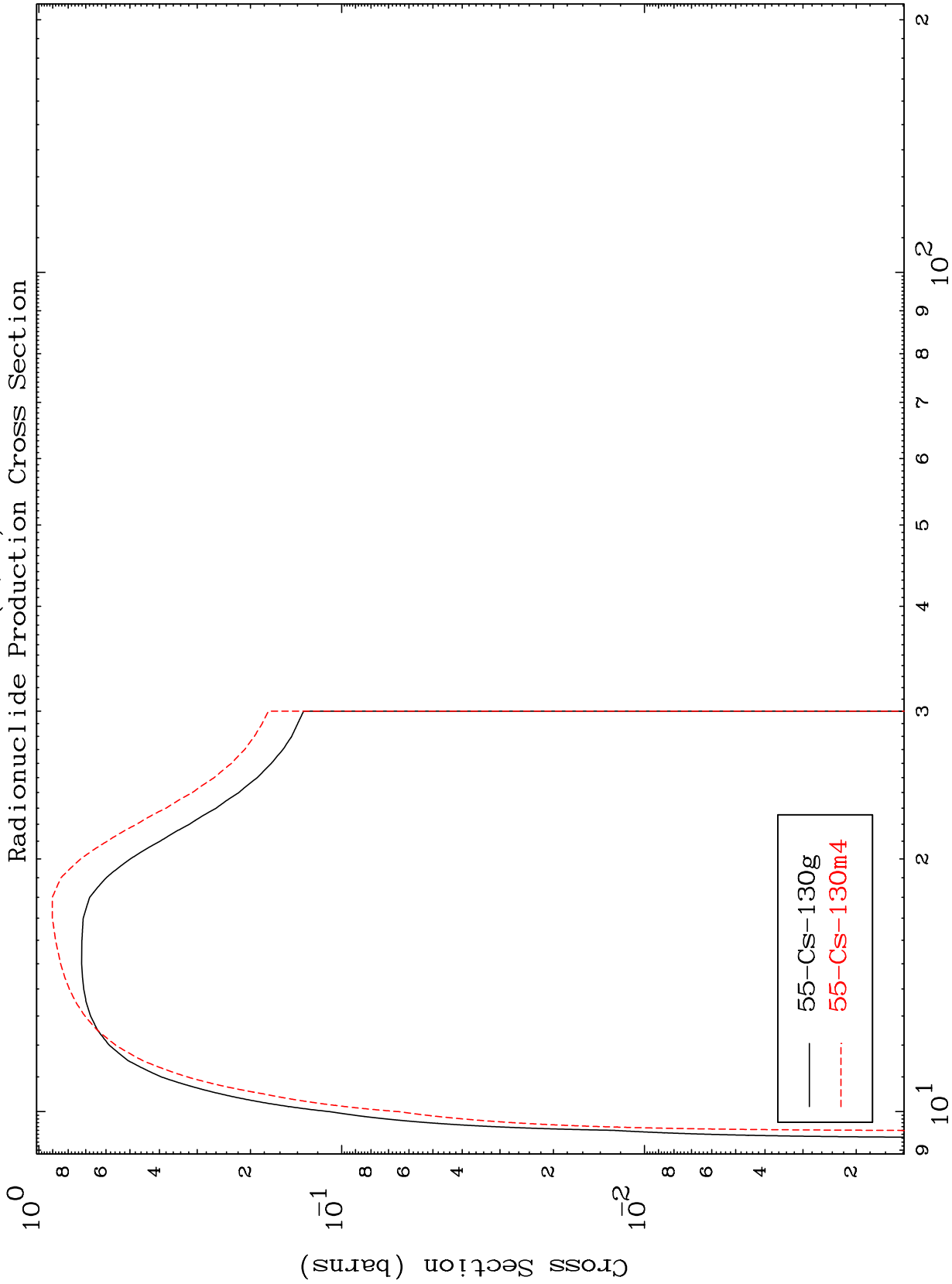


139 55-Cs-131

MAT 5519

(n,2n)

55-Cs-131



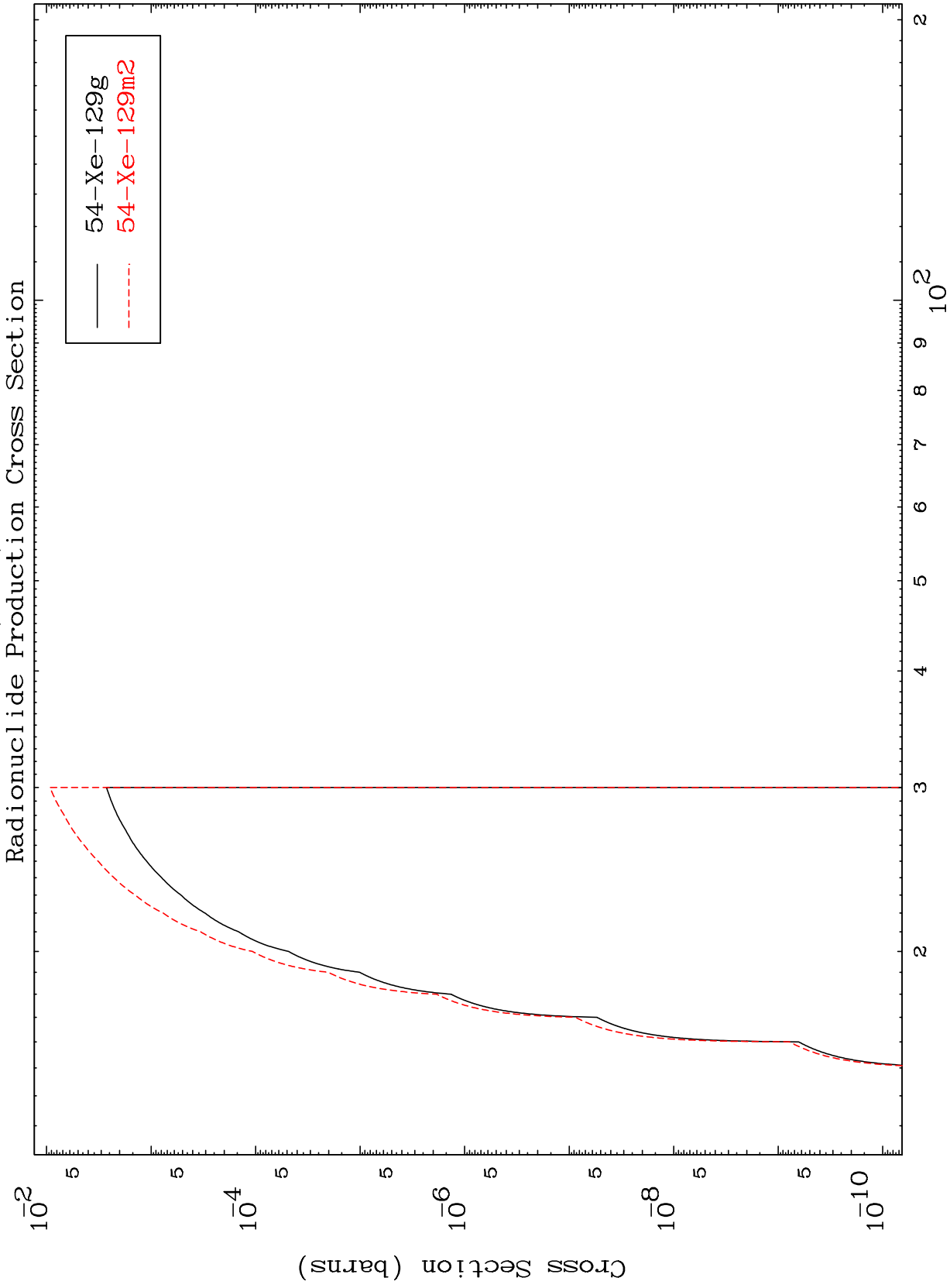
55-Cs-131

140

MAT 5519

(n,n') d

55-Cs-131



141

55-Cs-131

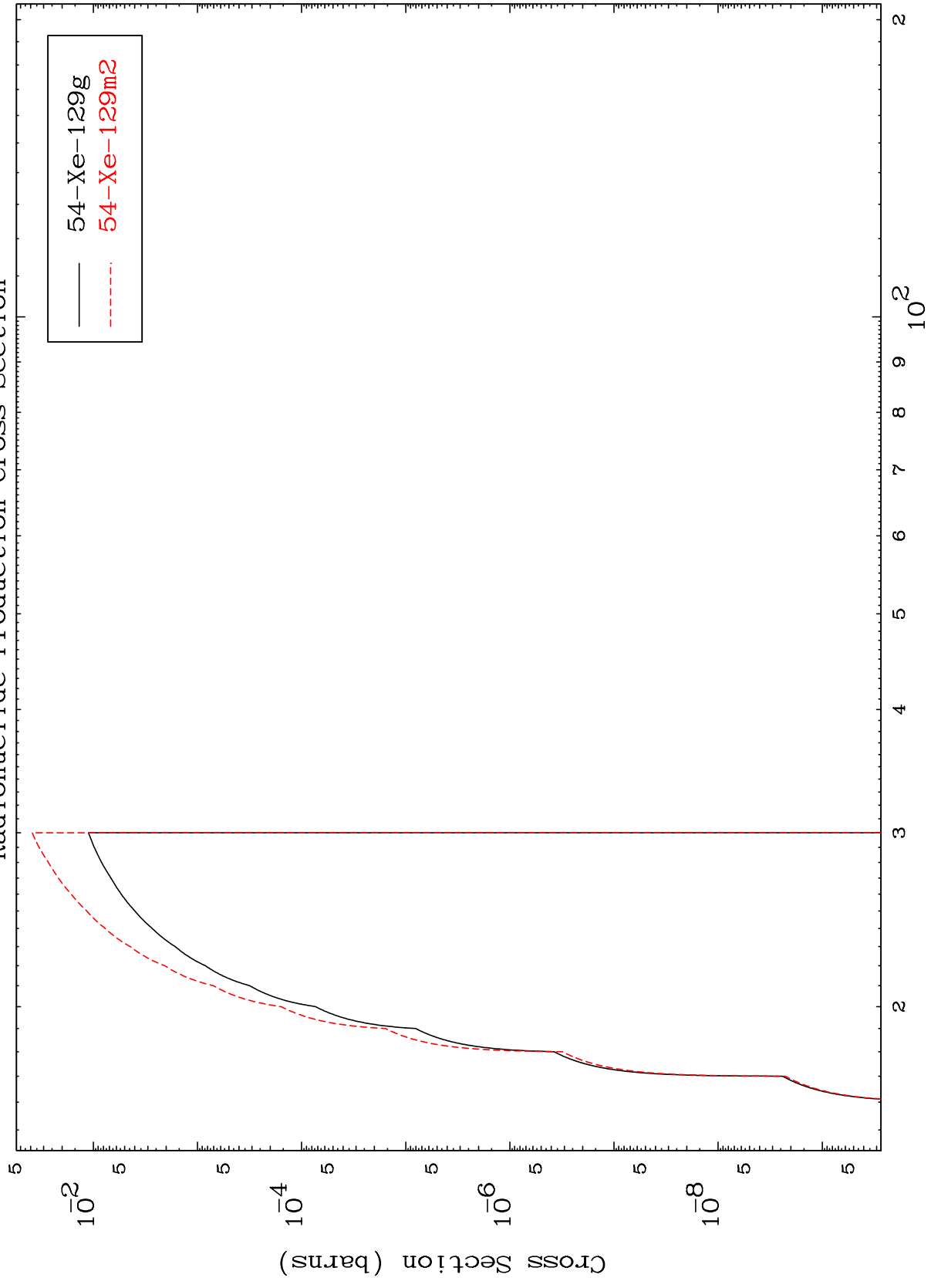
55-Cs-131

MAT 5519

(n,2n) p

55-Cs-131

Radionuclide Production Cross Section



142

Incident Energy (MeV)

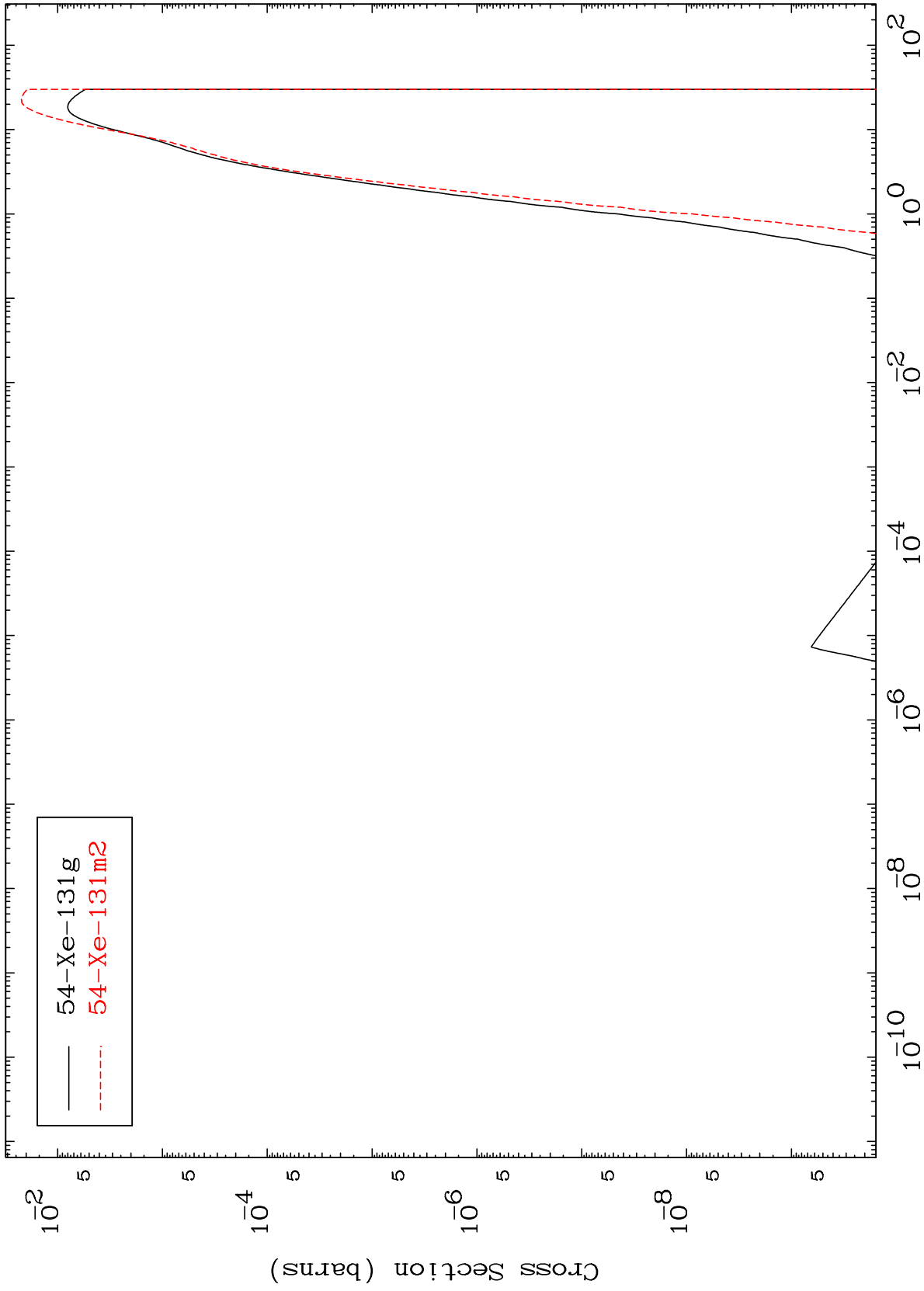
55-Cs-131

MAT 5519

(n,p)

55-Cs-131

Radionuclide Production Cross Section



143

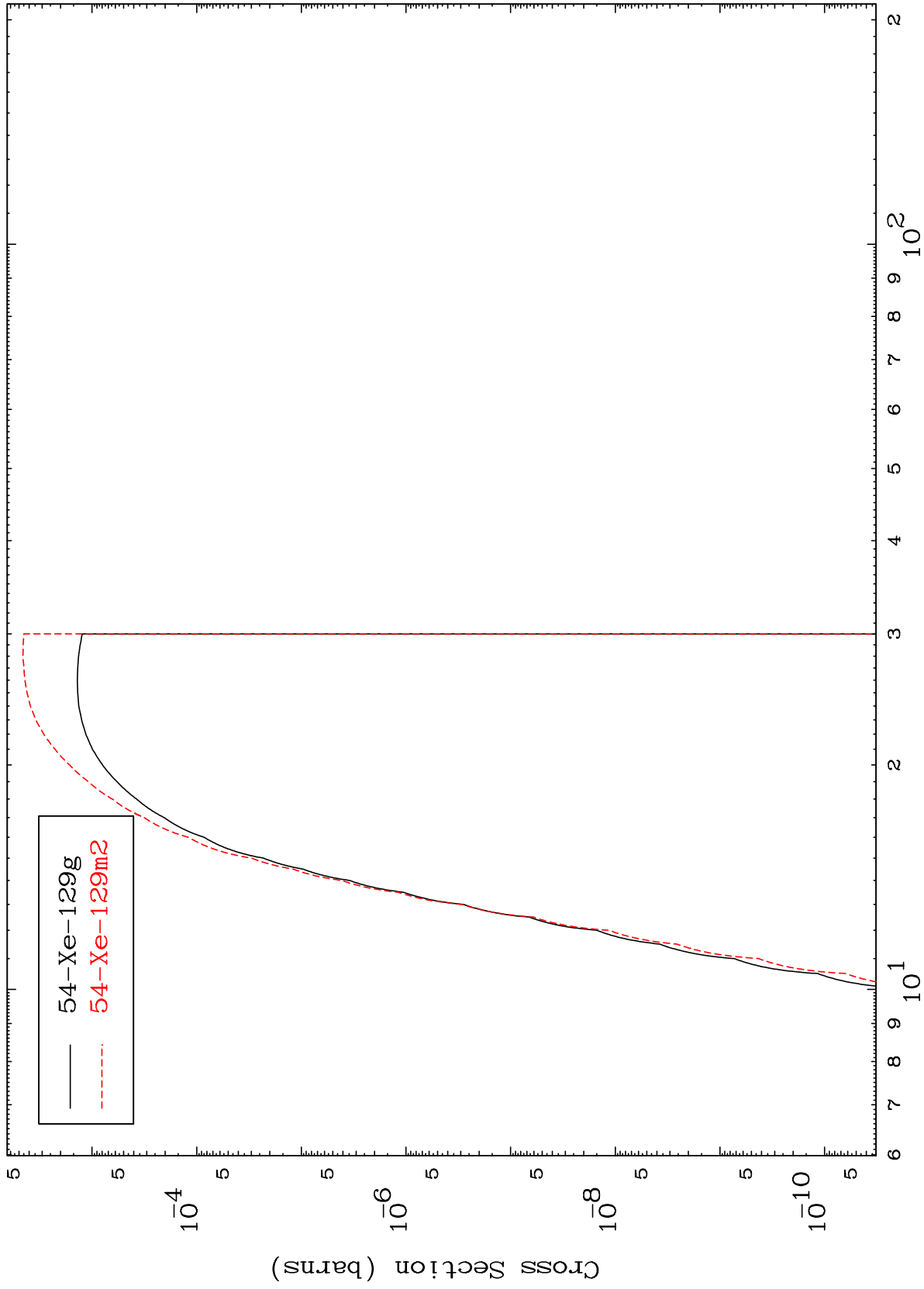
Incident Energy (MeV)

55-Cs-131

MAT 5519

55-Cs-131

(n, t)
Radionuclide Production Cross Section



144

Incident Energy (MeV)

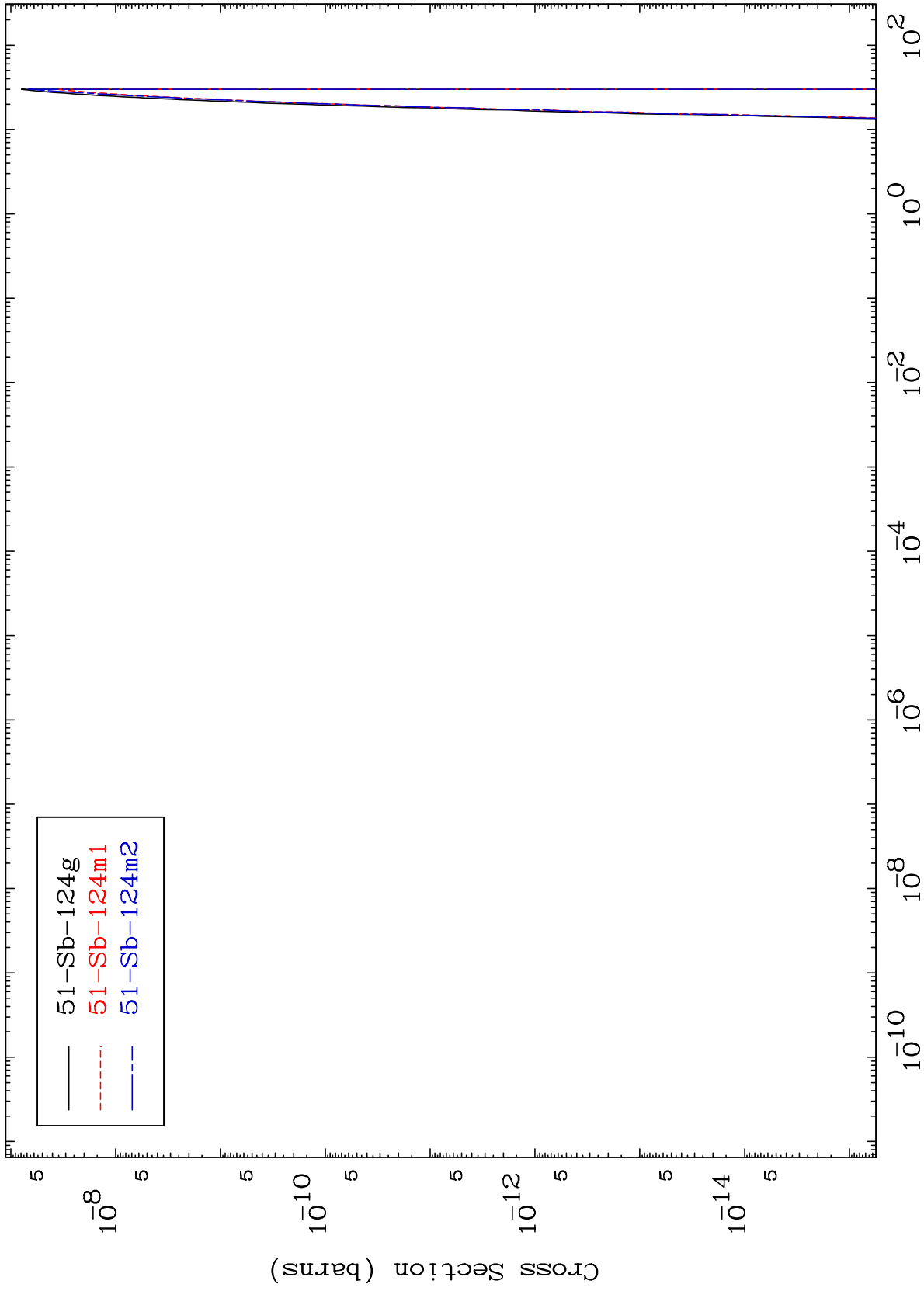
55-Cs-131

MAT 5519

(n,2α)

55-Cs-131

Radionuclide Production Cross Section



145

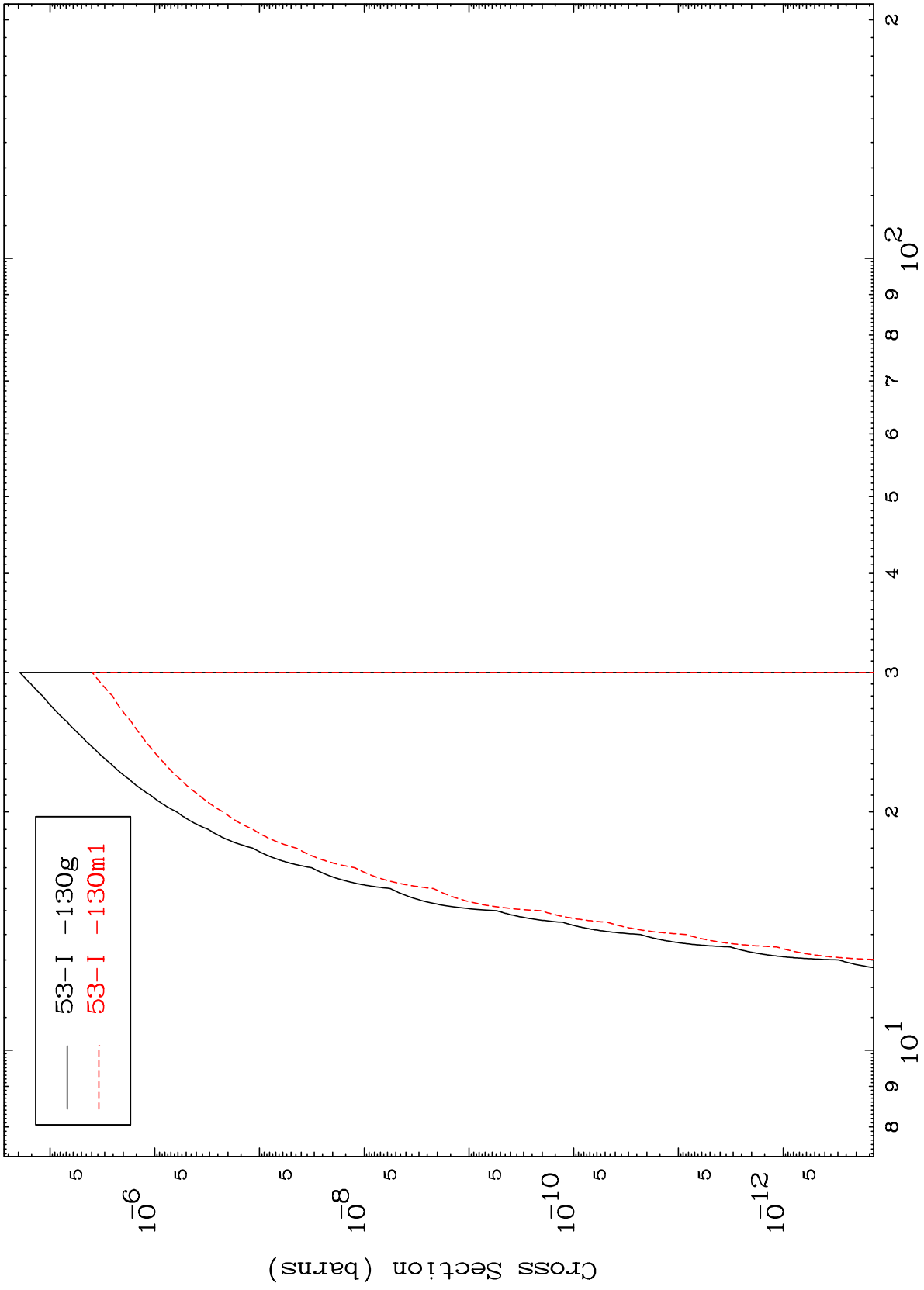
Incident Energy (MeV)

55-Cs-131

MAT 5519

55-Cs-131

(n,2p)
Radionuclide Production Cross Section



146

Incident Energy (MeV)

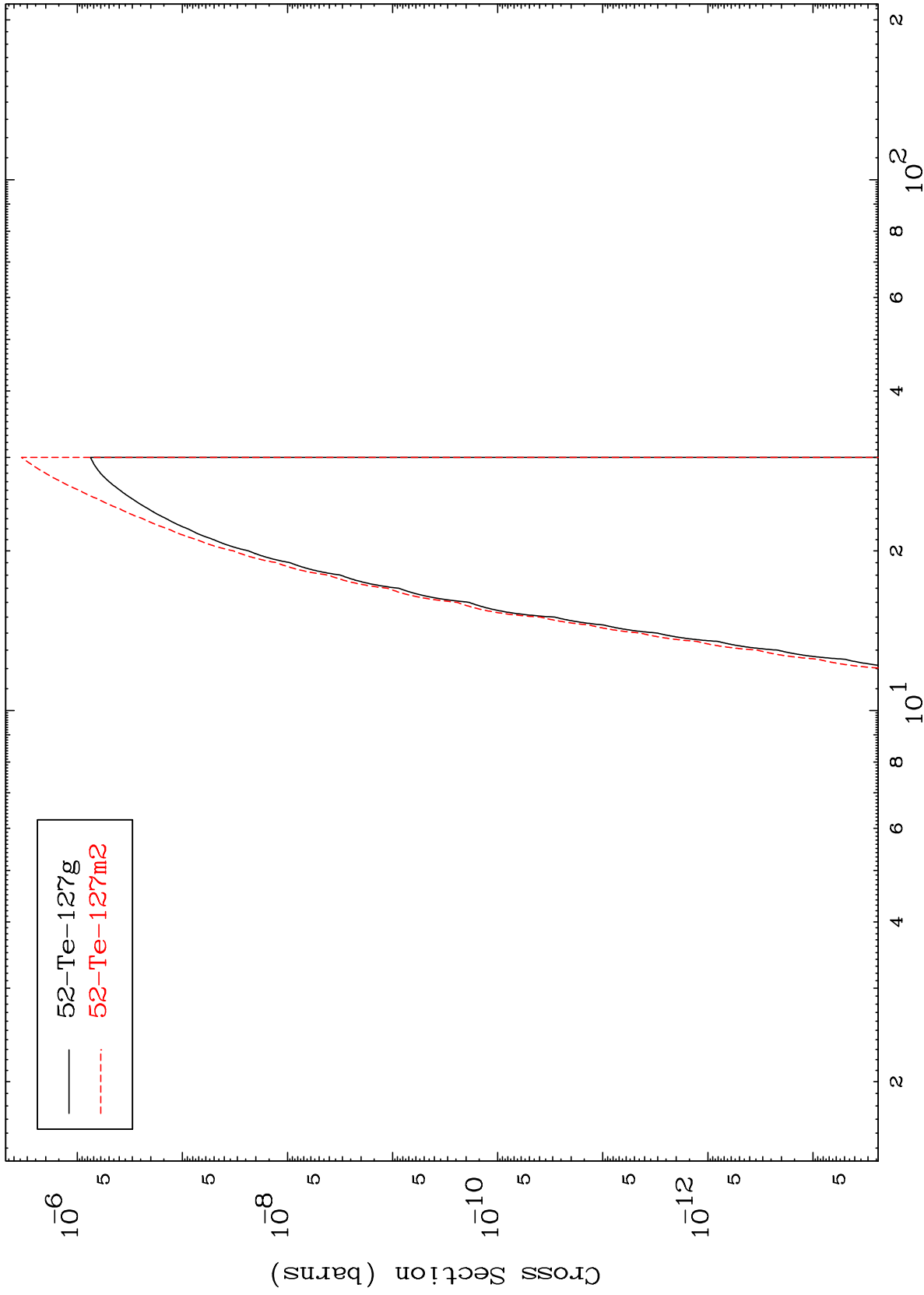
55-Cs-131

MAT 5519

(n,p) α

55-Cs-131

Radionuclide Production Cross Section



147

Incident Energy (MeV)

55-Cs-131