

Program EVALPLOT
(Version 2018-1)

by

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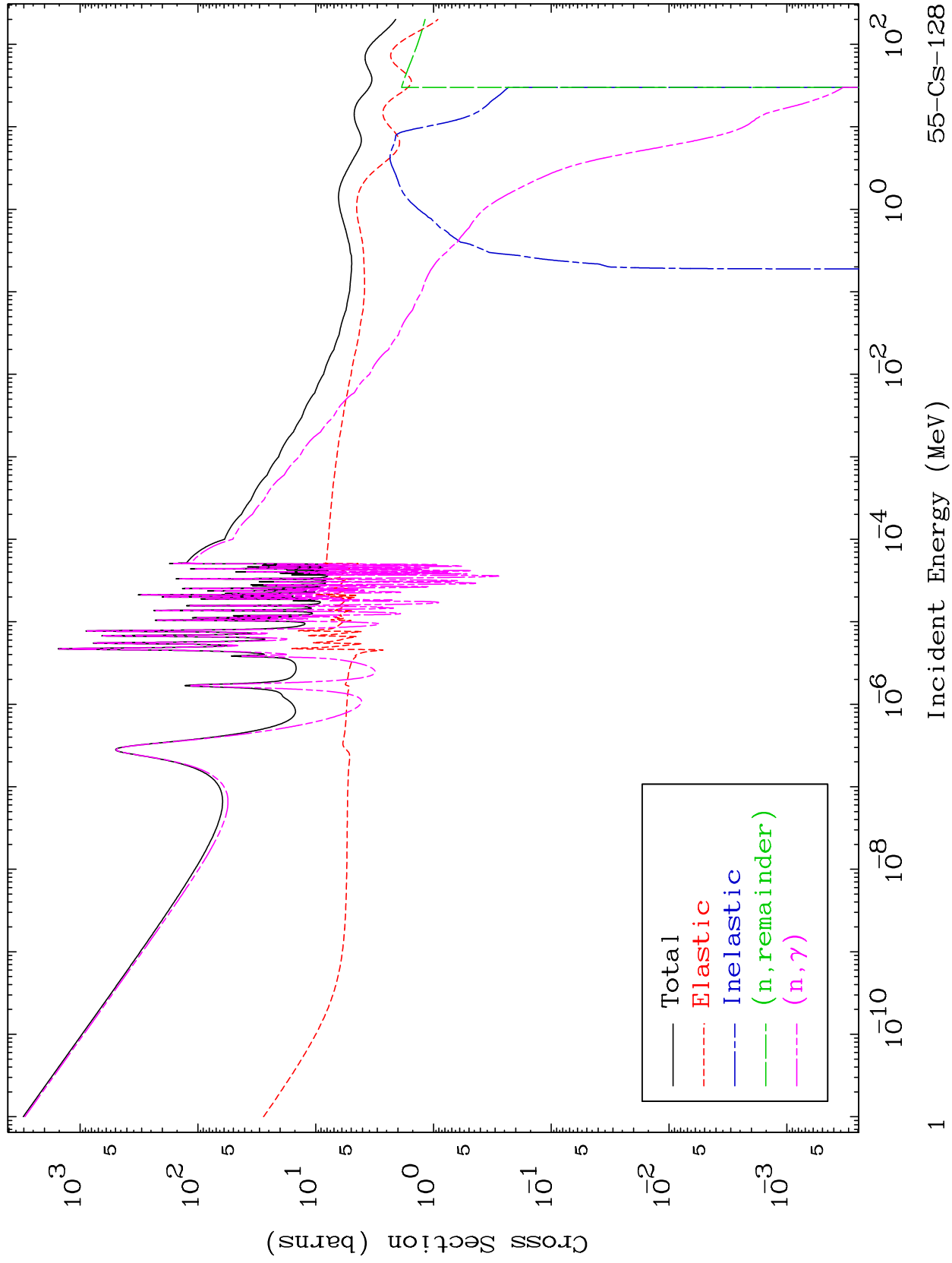
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5510

Major
293 Kelvin Cross Sections

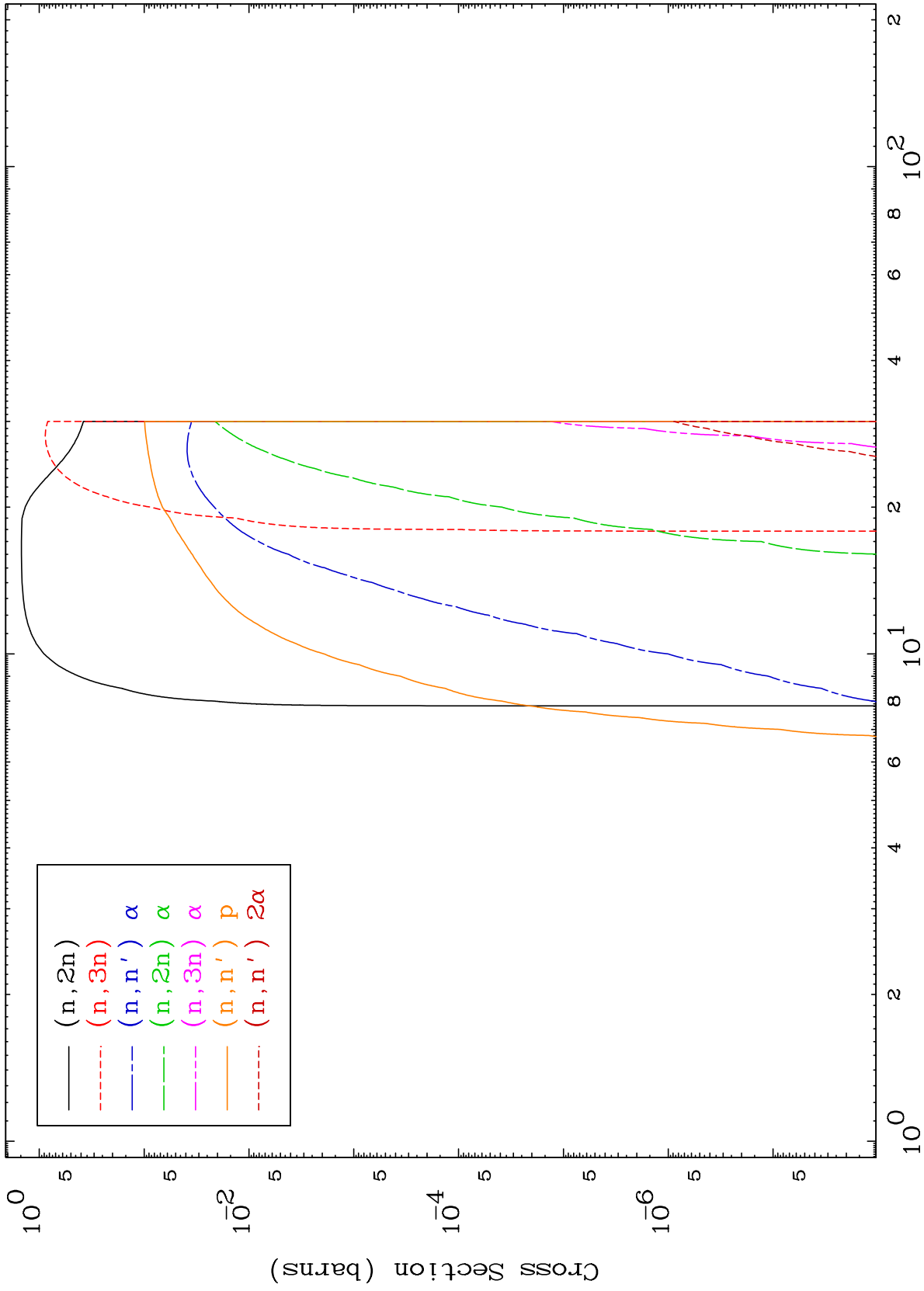
55-Cs-128



MAT 5510

Neutron Production
293 Kelvin Cross Sections

55-Cs-128



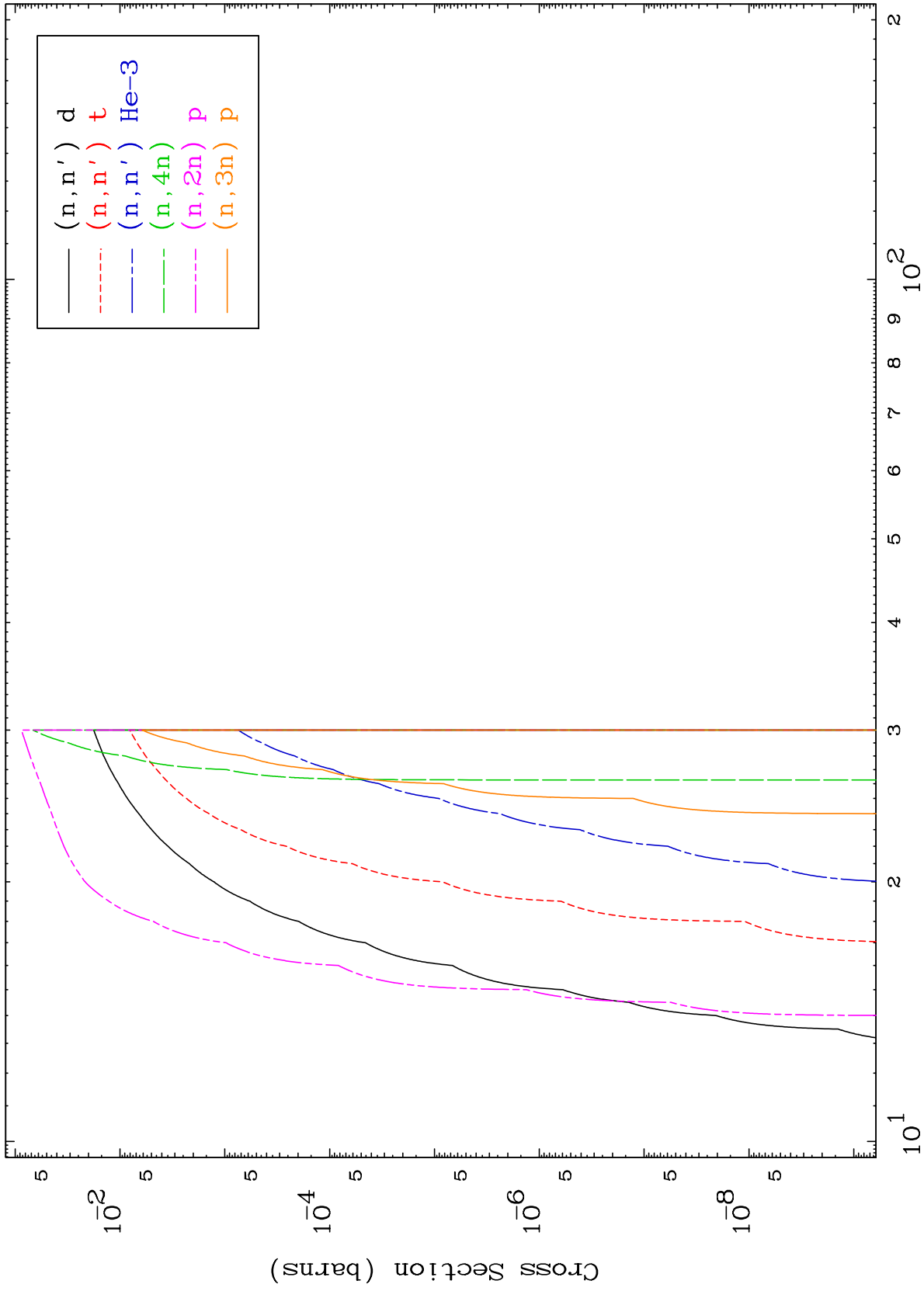
Incident Energy (MeV)

55-Cs-128

MAT 5510

Neutron Production
293 Kelvin Cross Sections

55-Cs-128



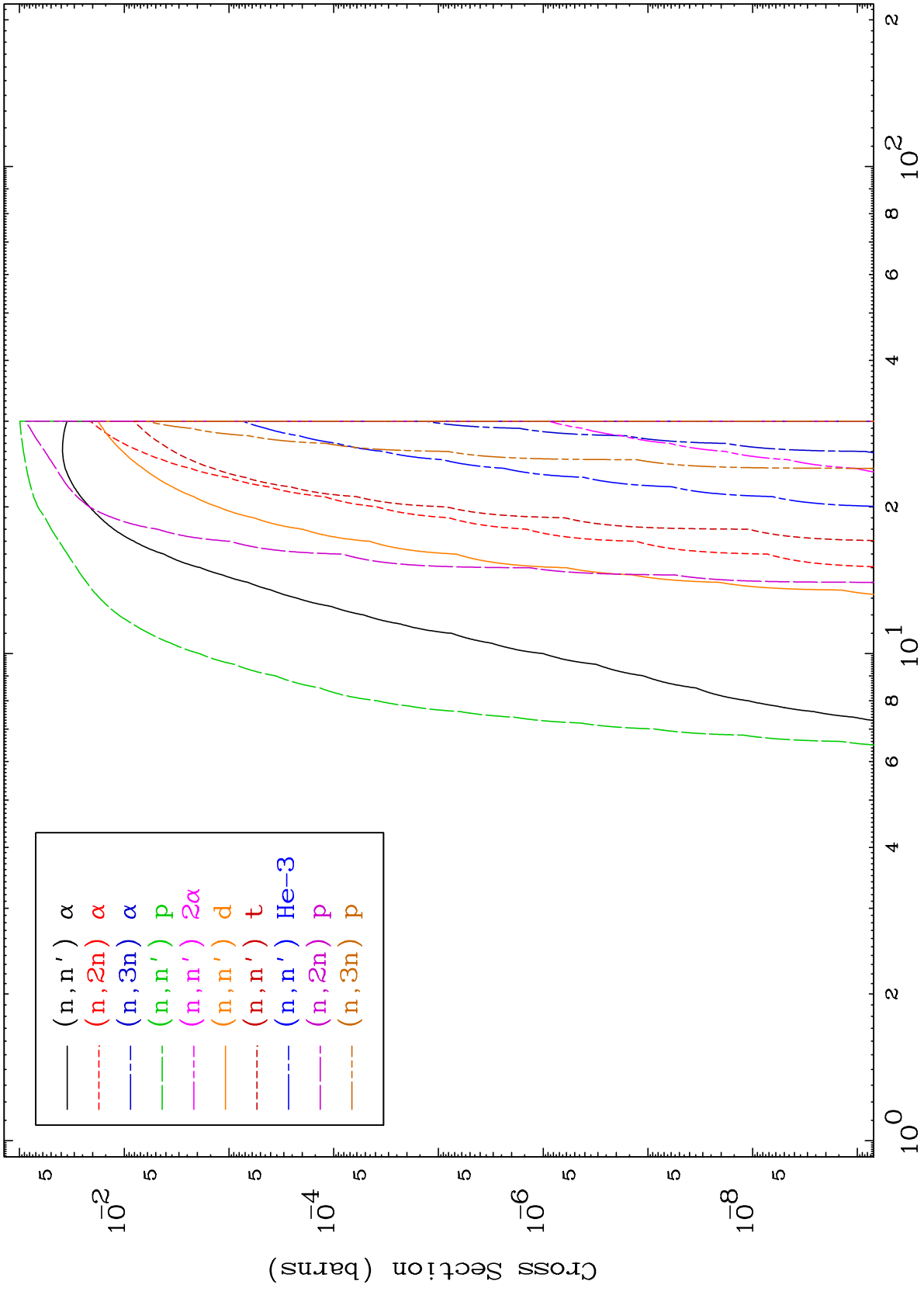
Incident Energy (MeV)

55-Cs-128

MAT 5510

Charged Particle
293 Kelvin Cross Sections

55-Cs-128



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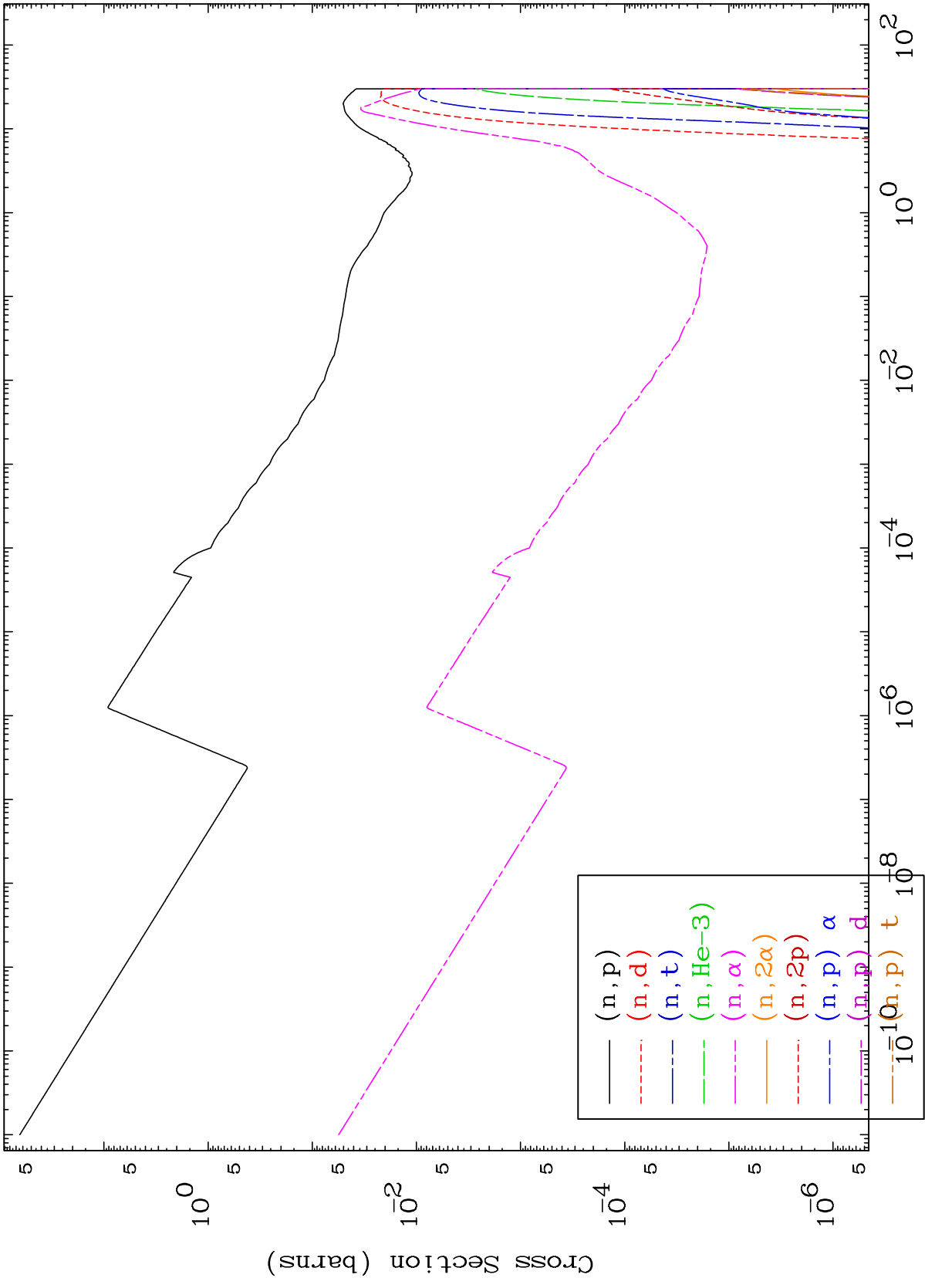
Incident Energy (MeV)

55-Cs-128

MAT 5510

Charged Particle
293 Kelvin Cross Sections

55-Cs-128

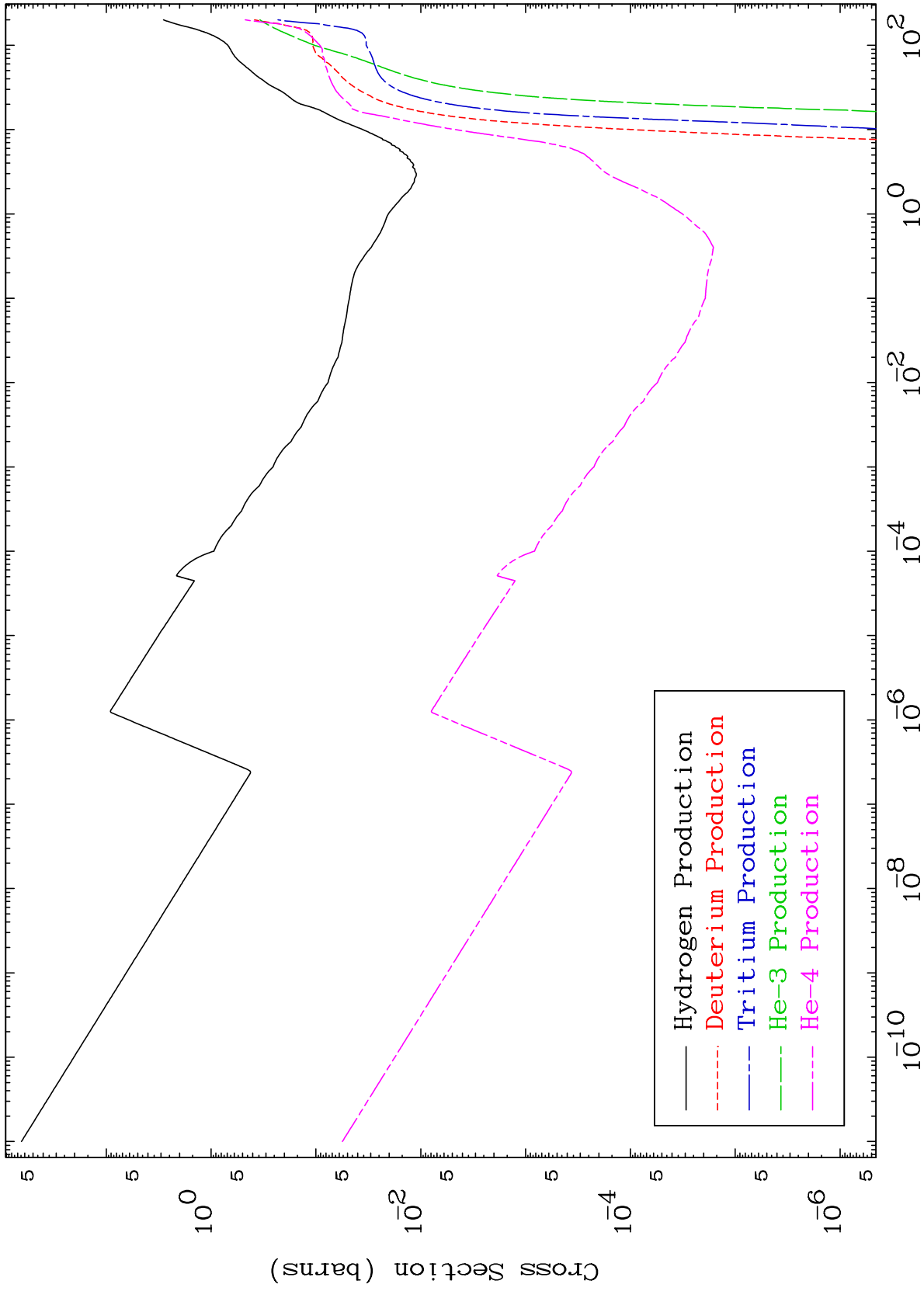


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MAT 5510

Particle Production
293 Kelvin Cross Sections

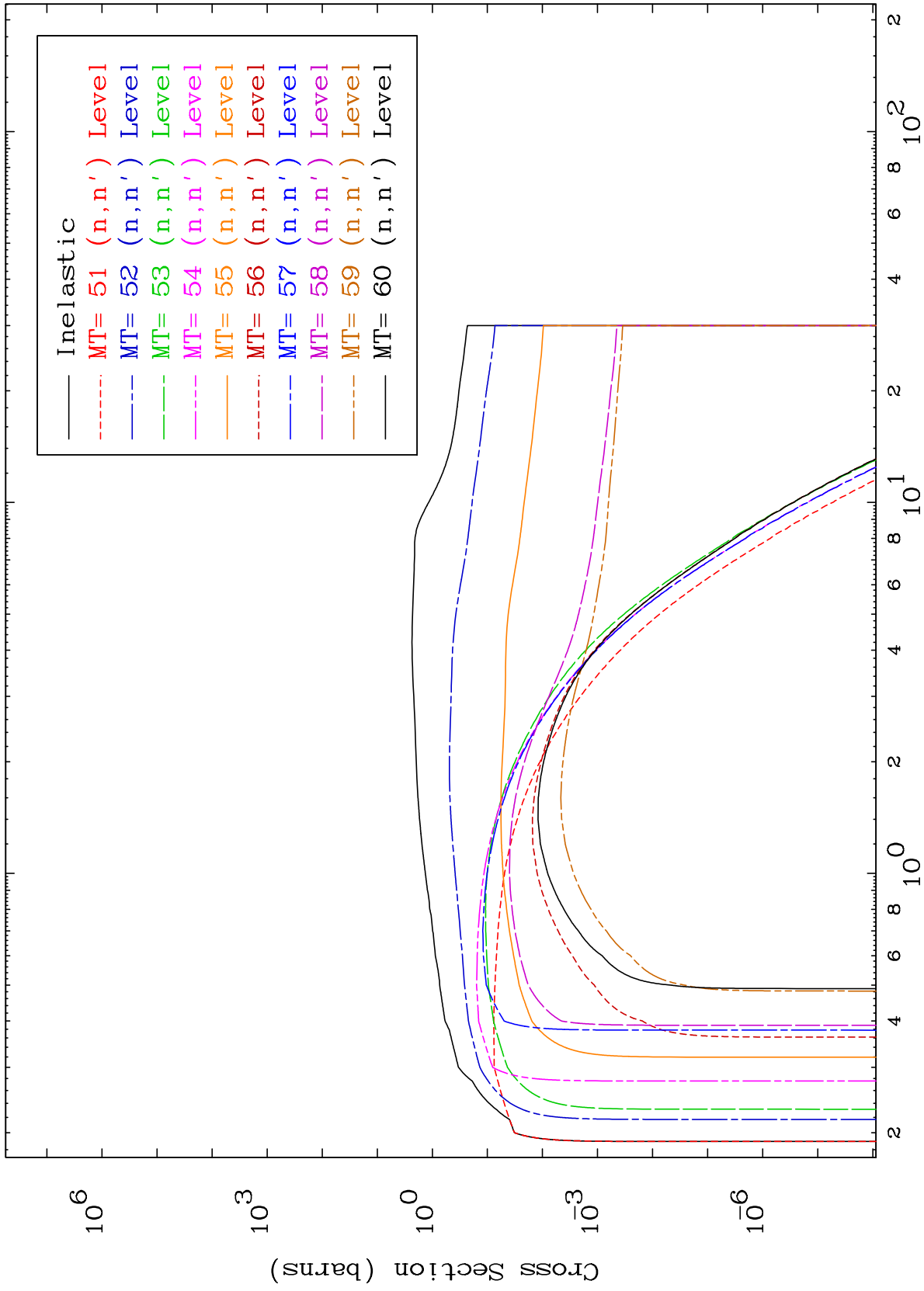
55-Cs-128



MAT 5510

(n,n') Level
293 Kelvin Cross Sections

55-Cs-128



7

Incident Energy (MeV)

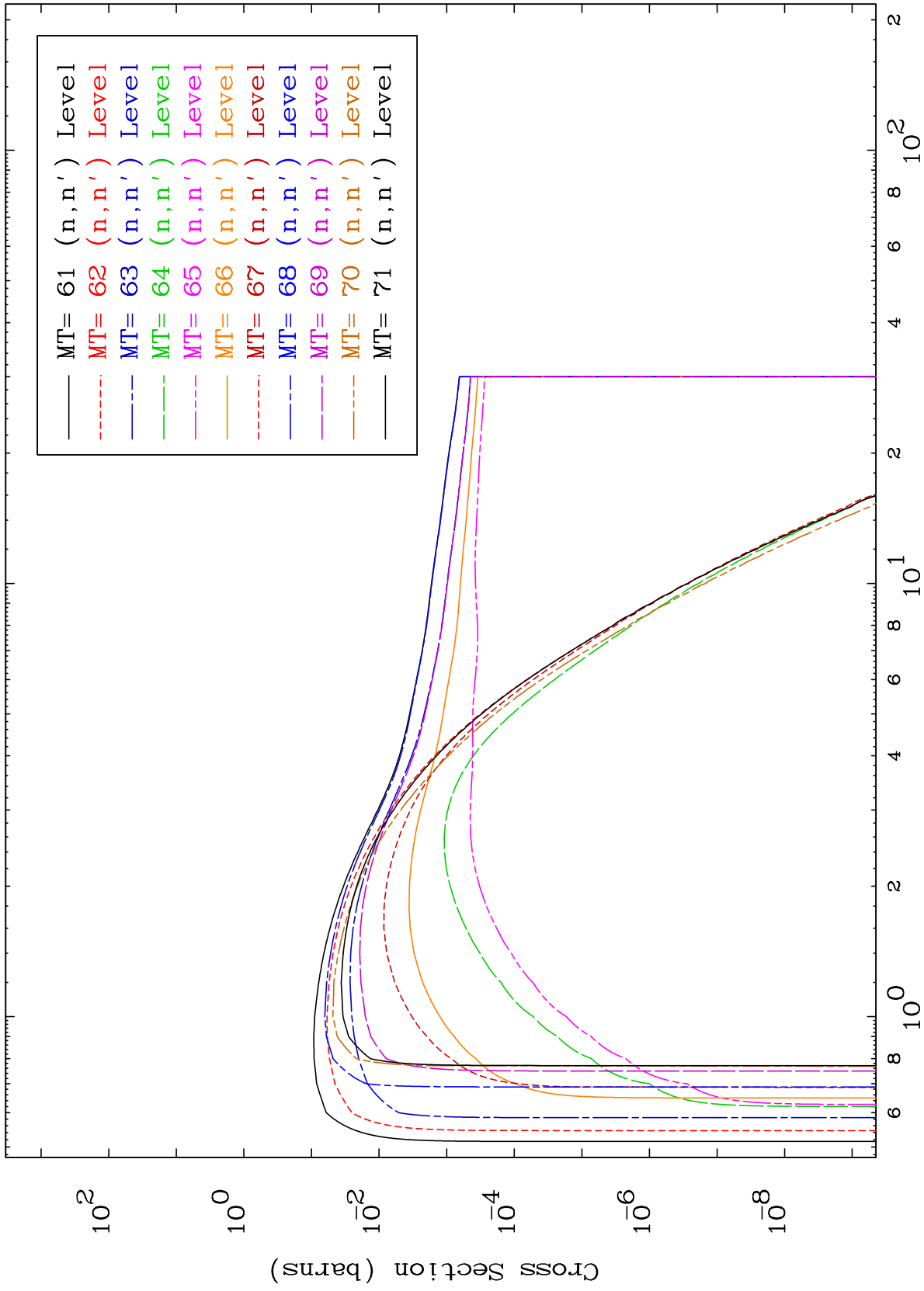
55-Cs-128

MAT 5510

(n,n') Level

55-Cs-128

293 Kelvin Cross Sections



8

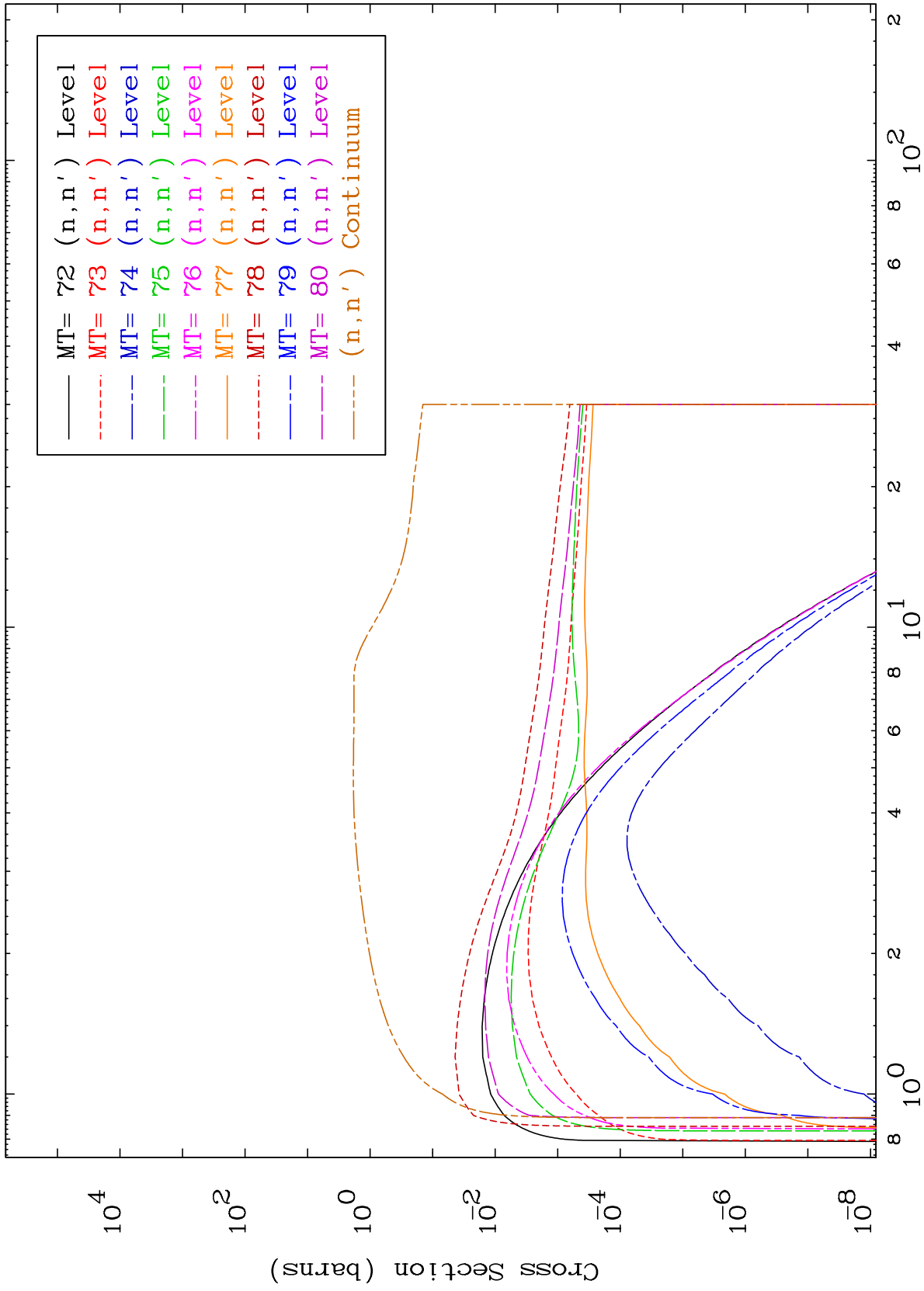
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,n') Level
293 Kelvin Cross Sections

55-Cs-128



9

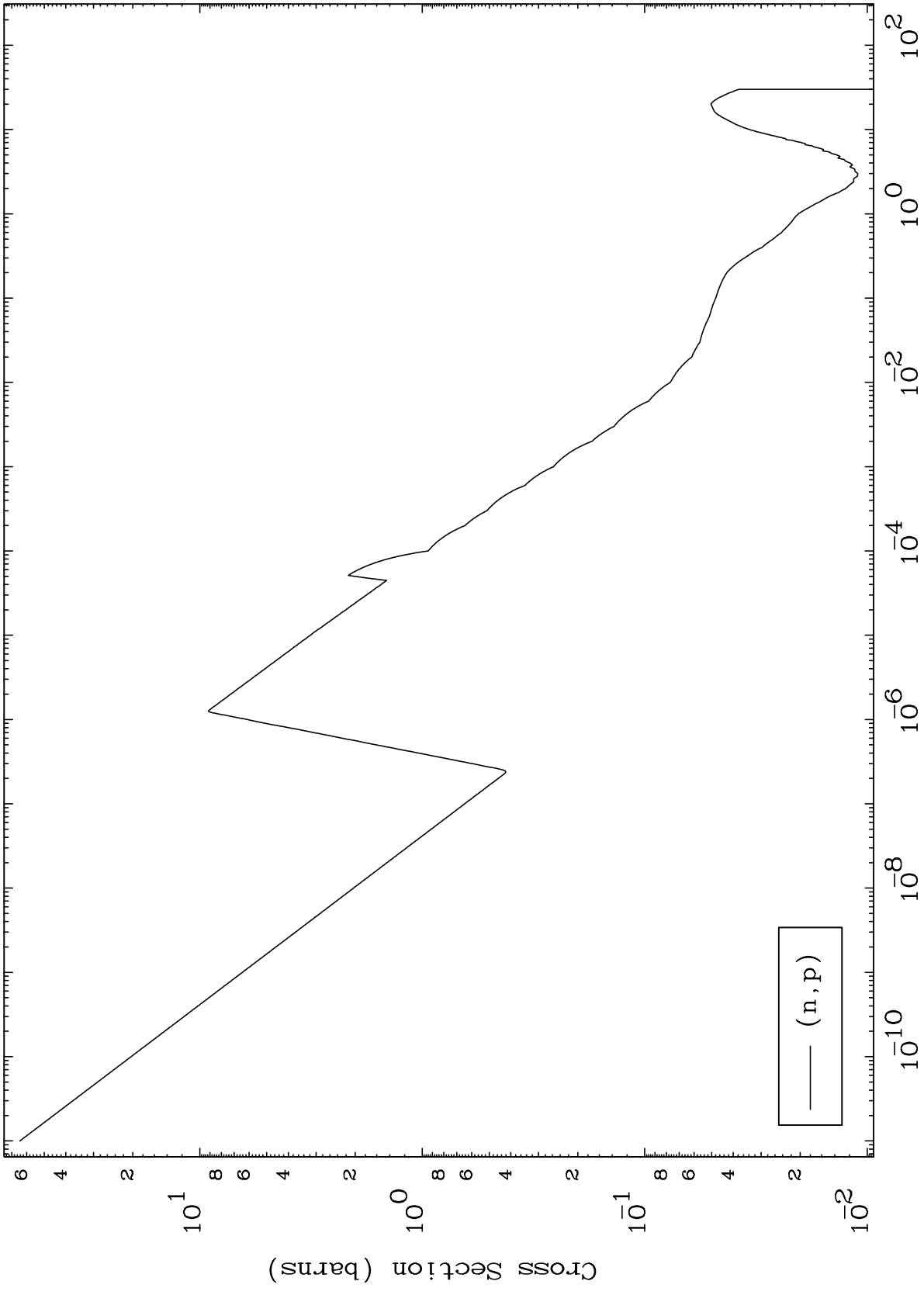
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-128



10

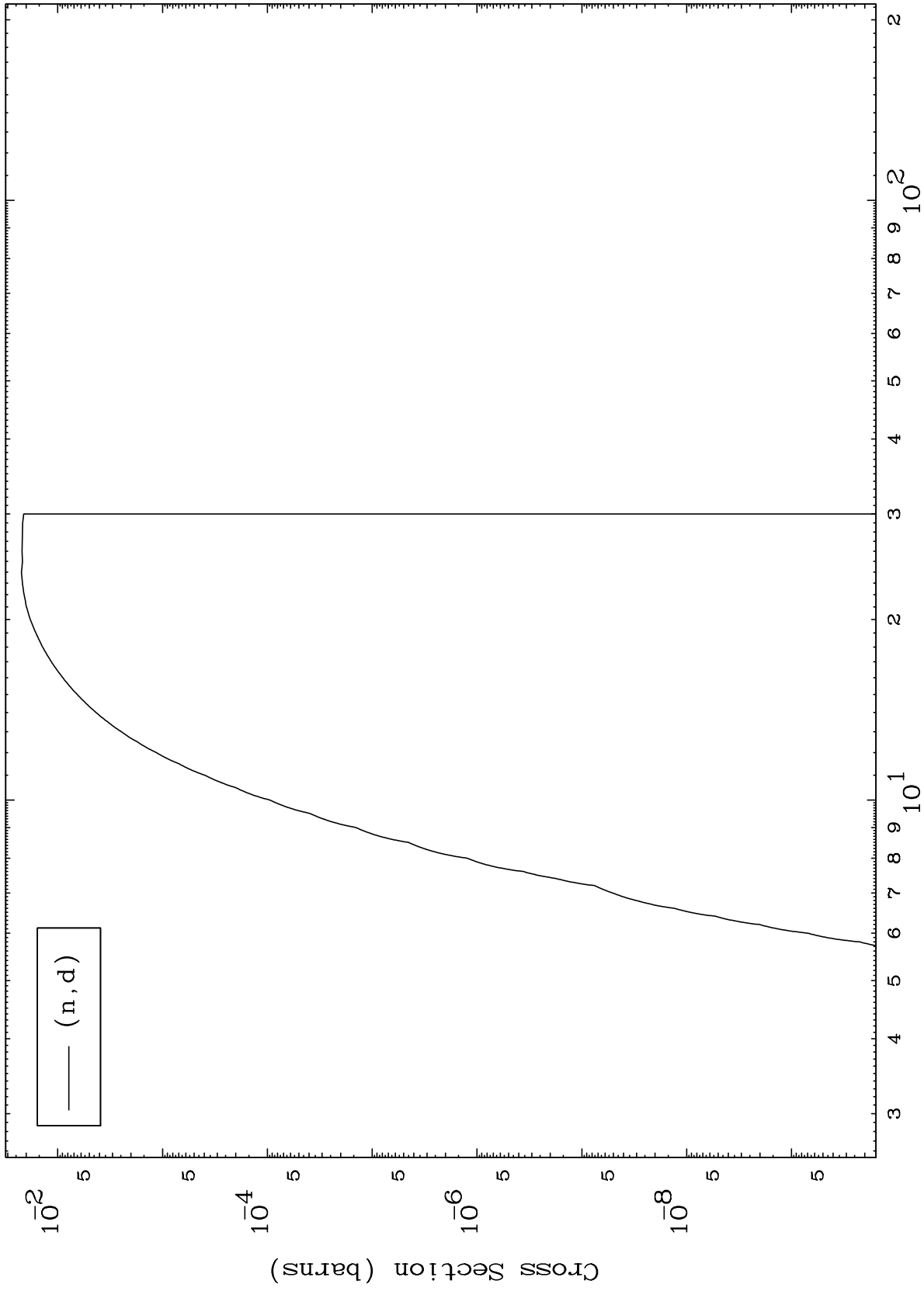
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-128



11

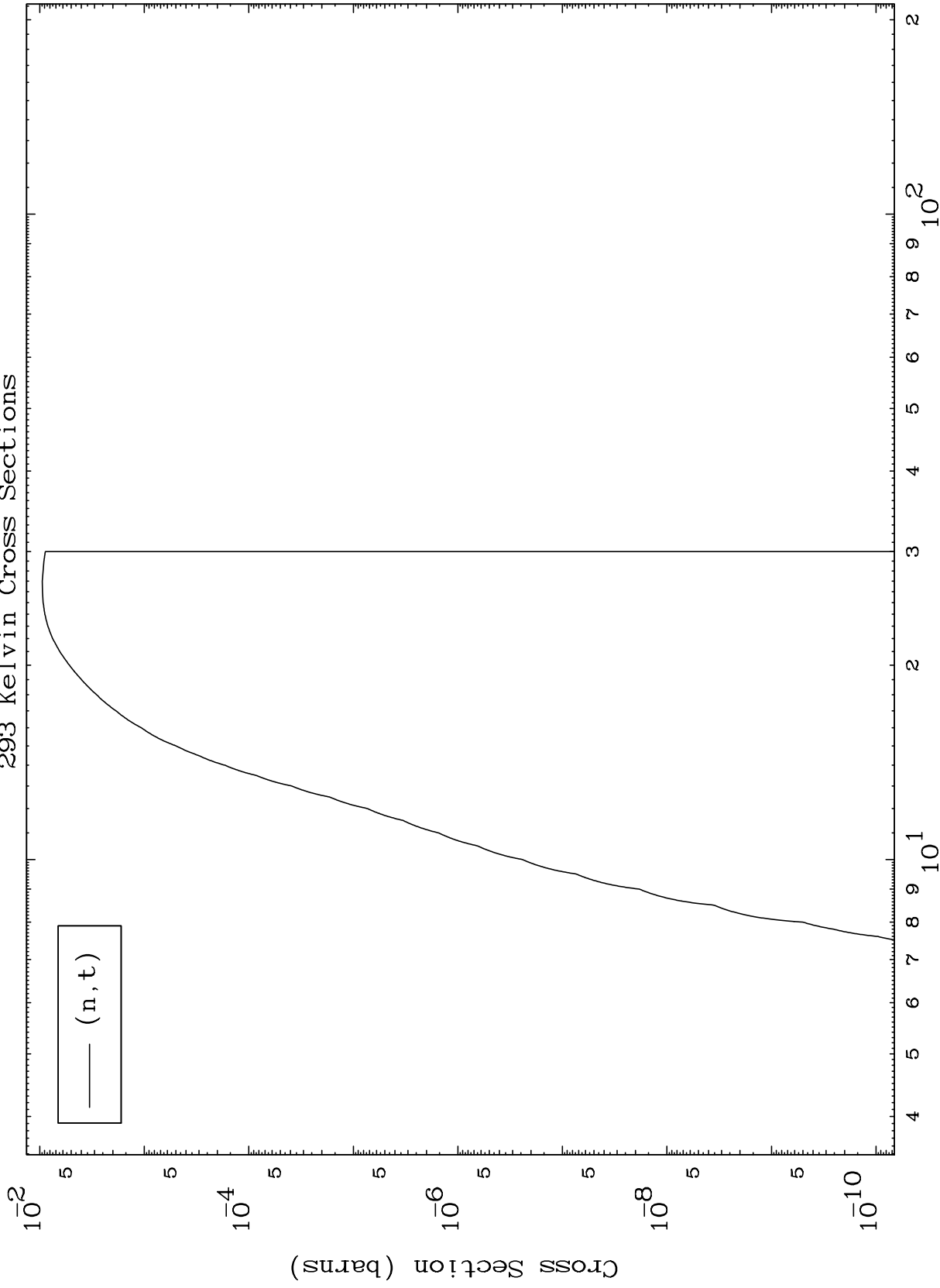
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-128



(n,t)

12

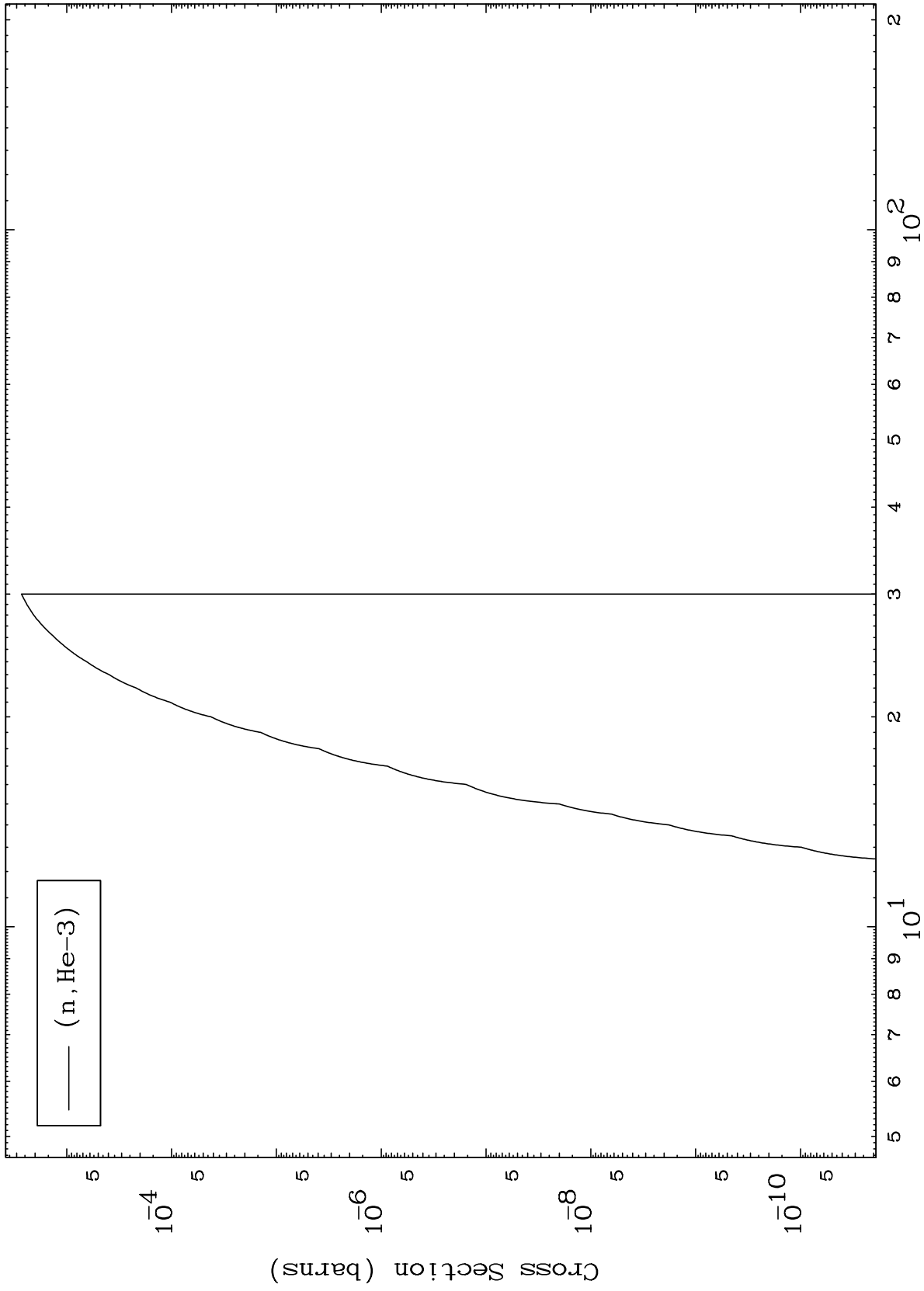
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-128



13

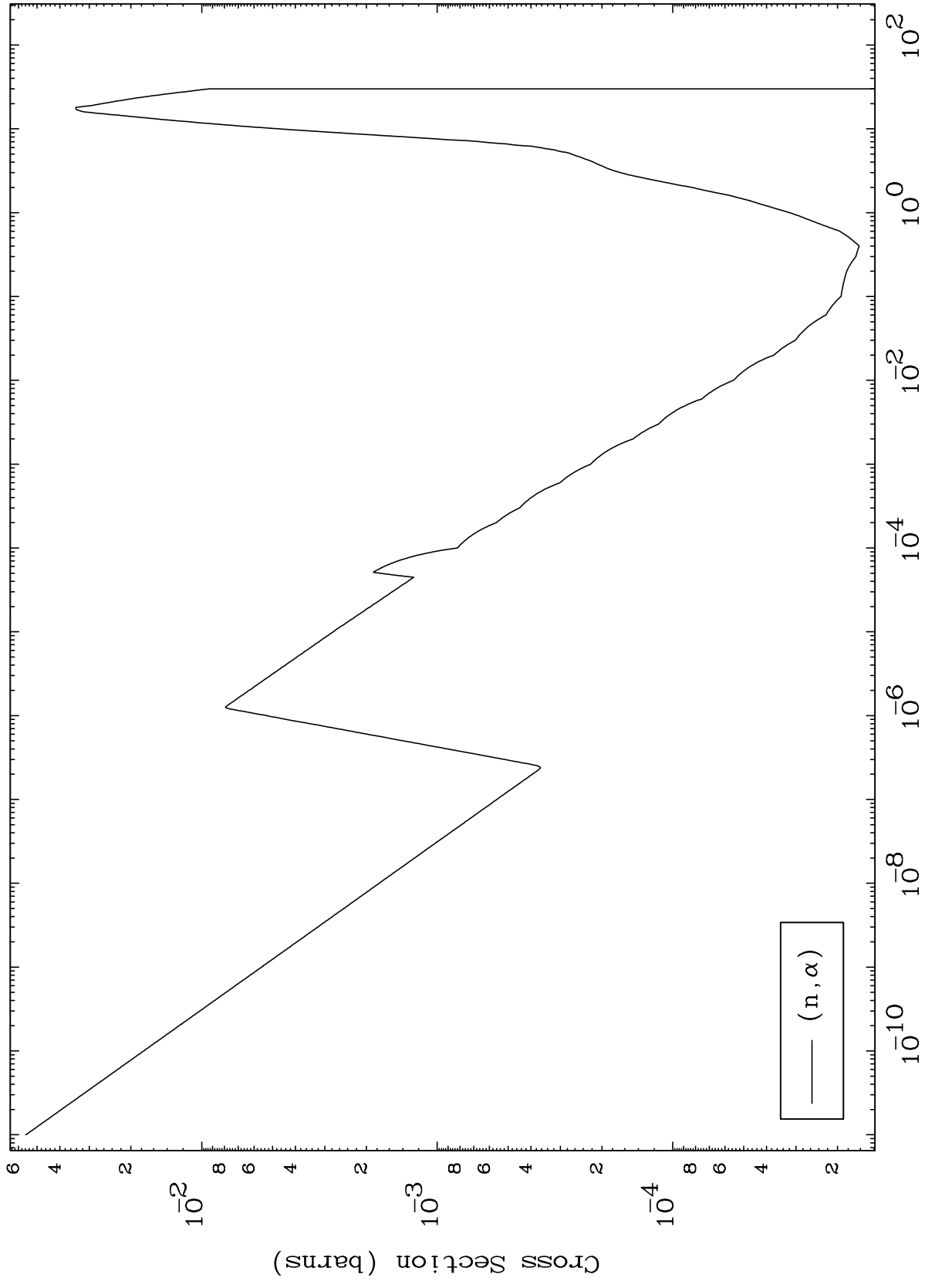
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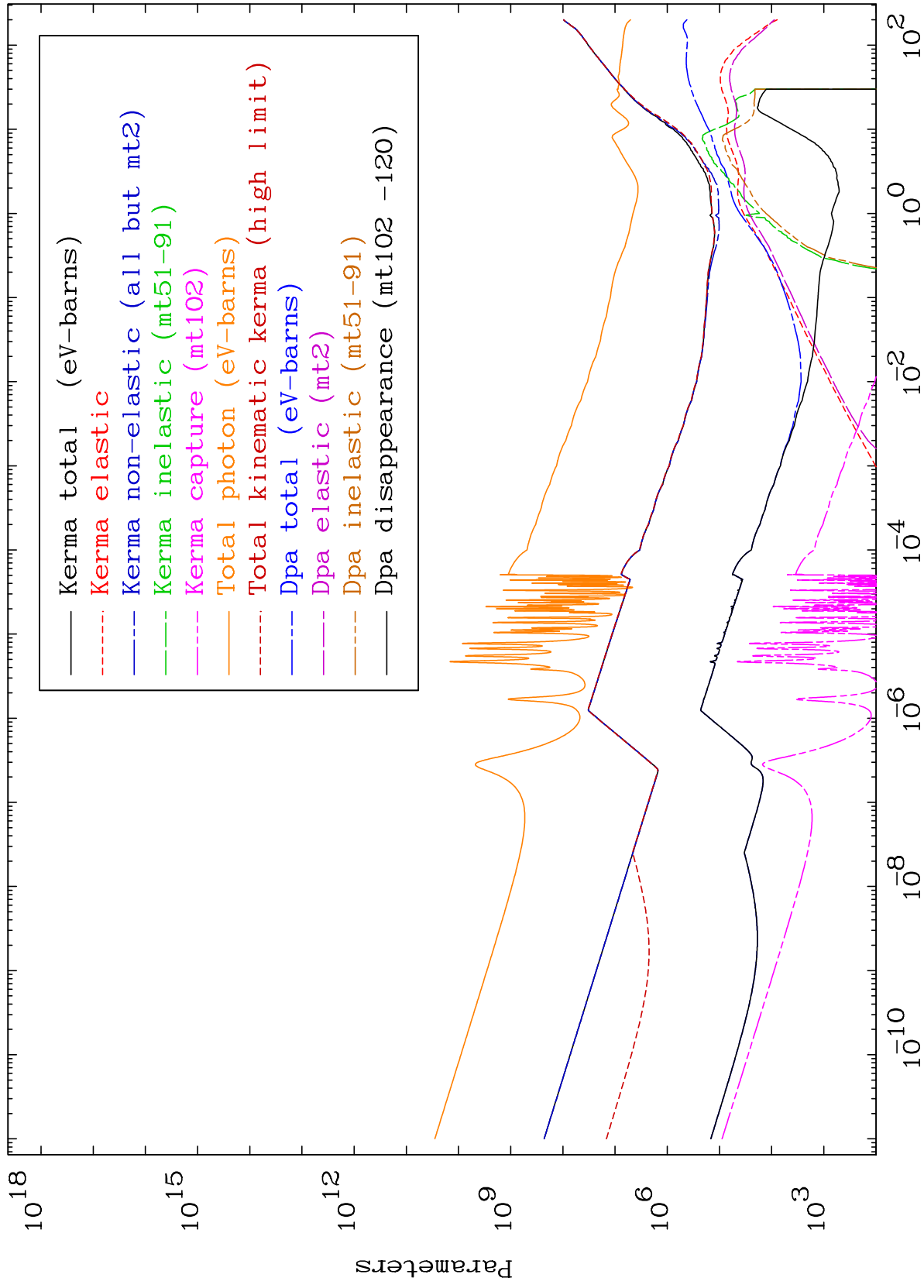
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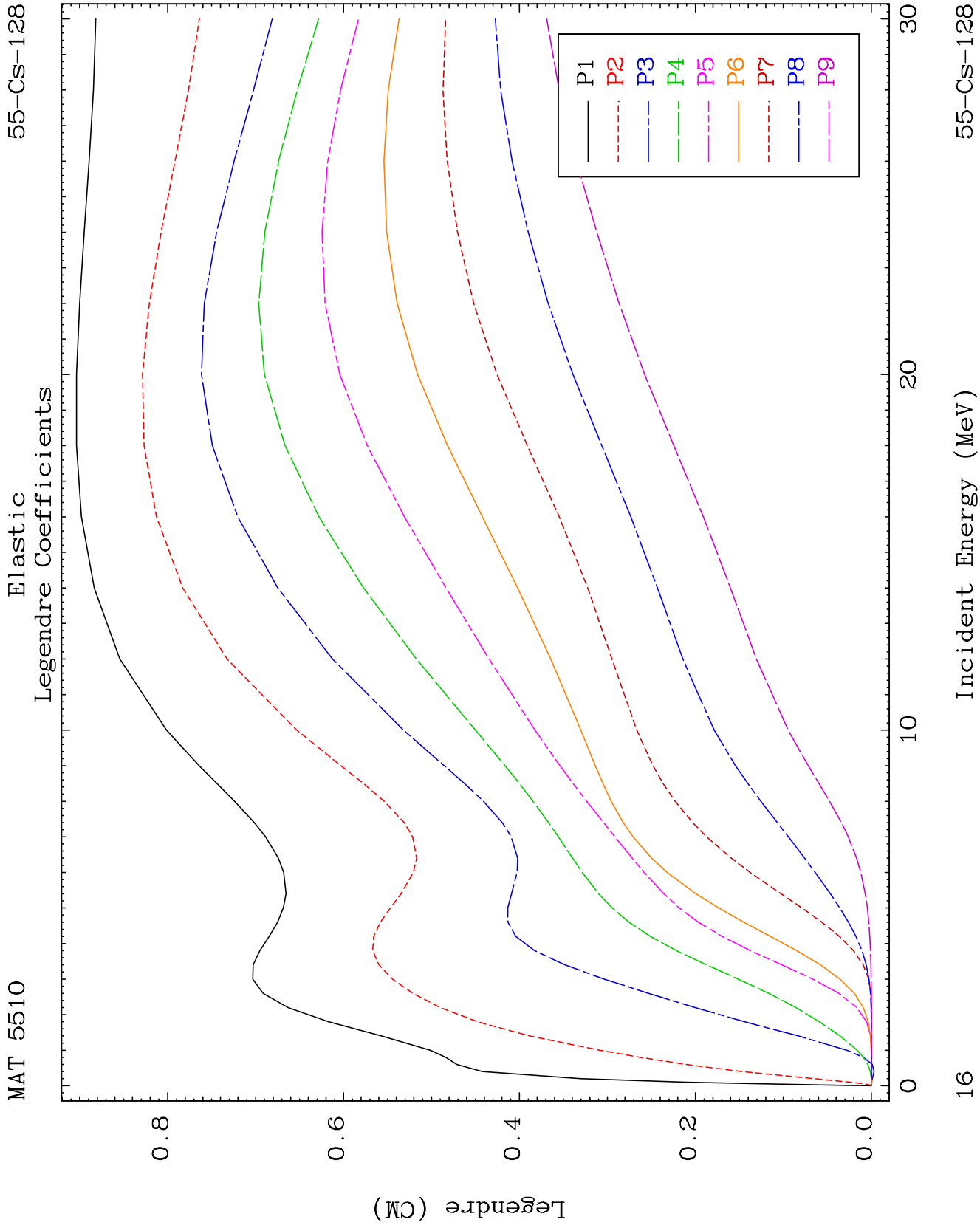
MAT 5510

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-128



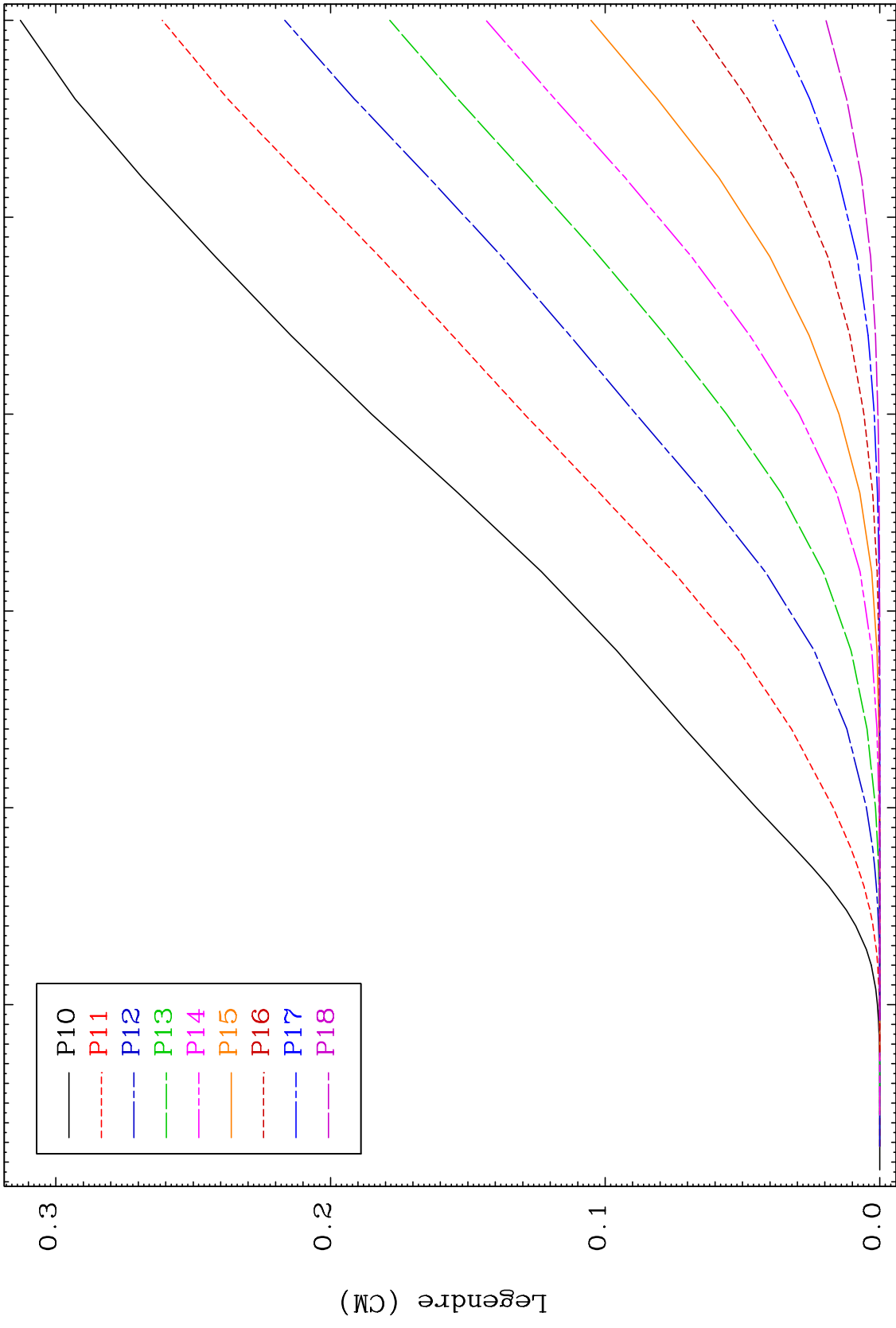




MAT 5510

Elastic Legendre Coefficients

55-Cs-128



17

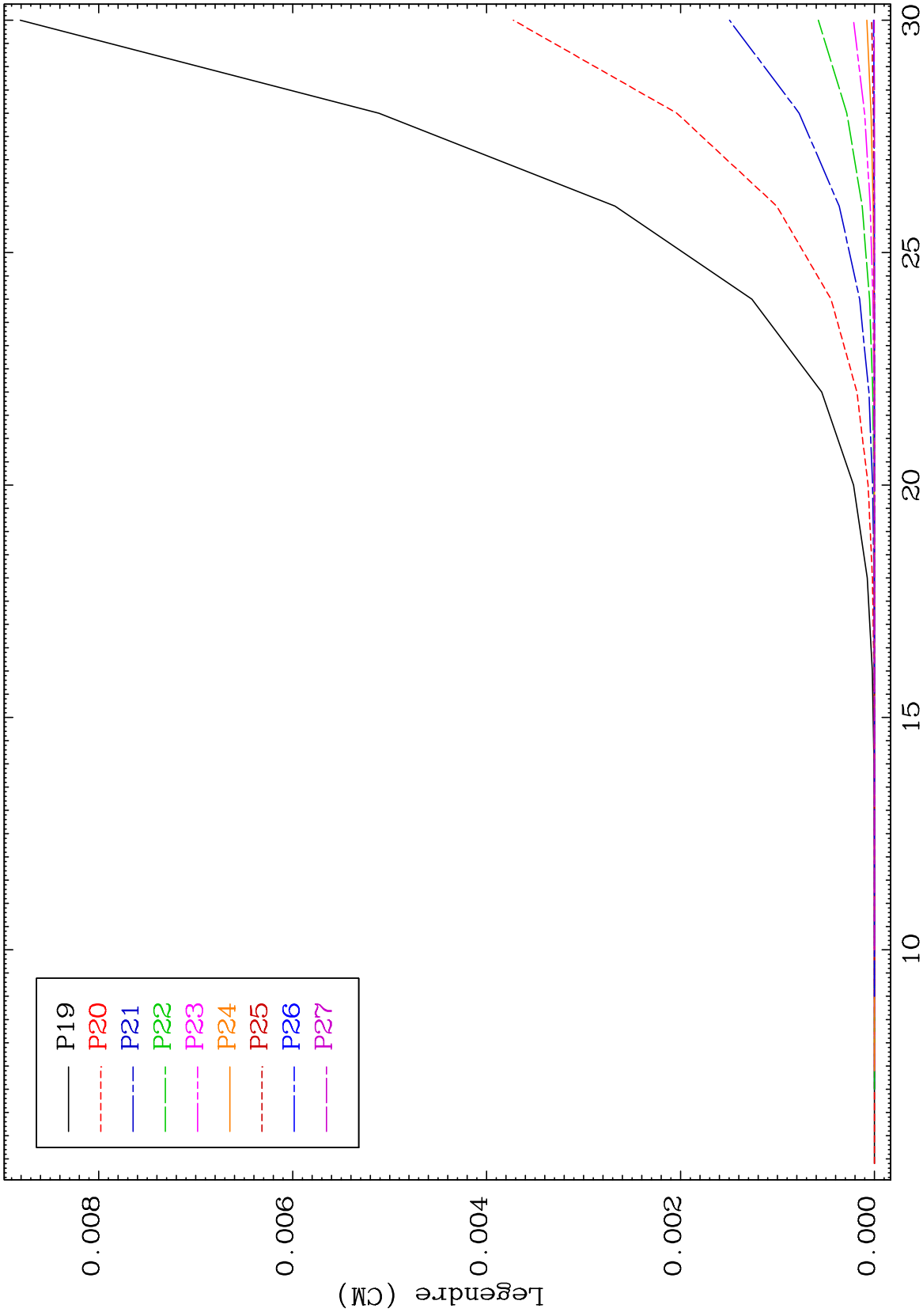
Incident Energy (MeV)

55-Cs-128

MAT 5510

Elastic Legendre Coefficients

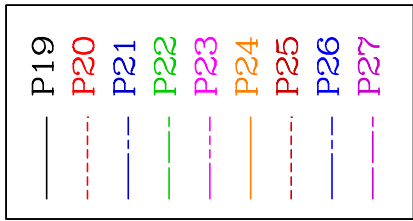
55-Cs-128



18

Incident Energy (MeV)

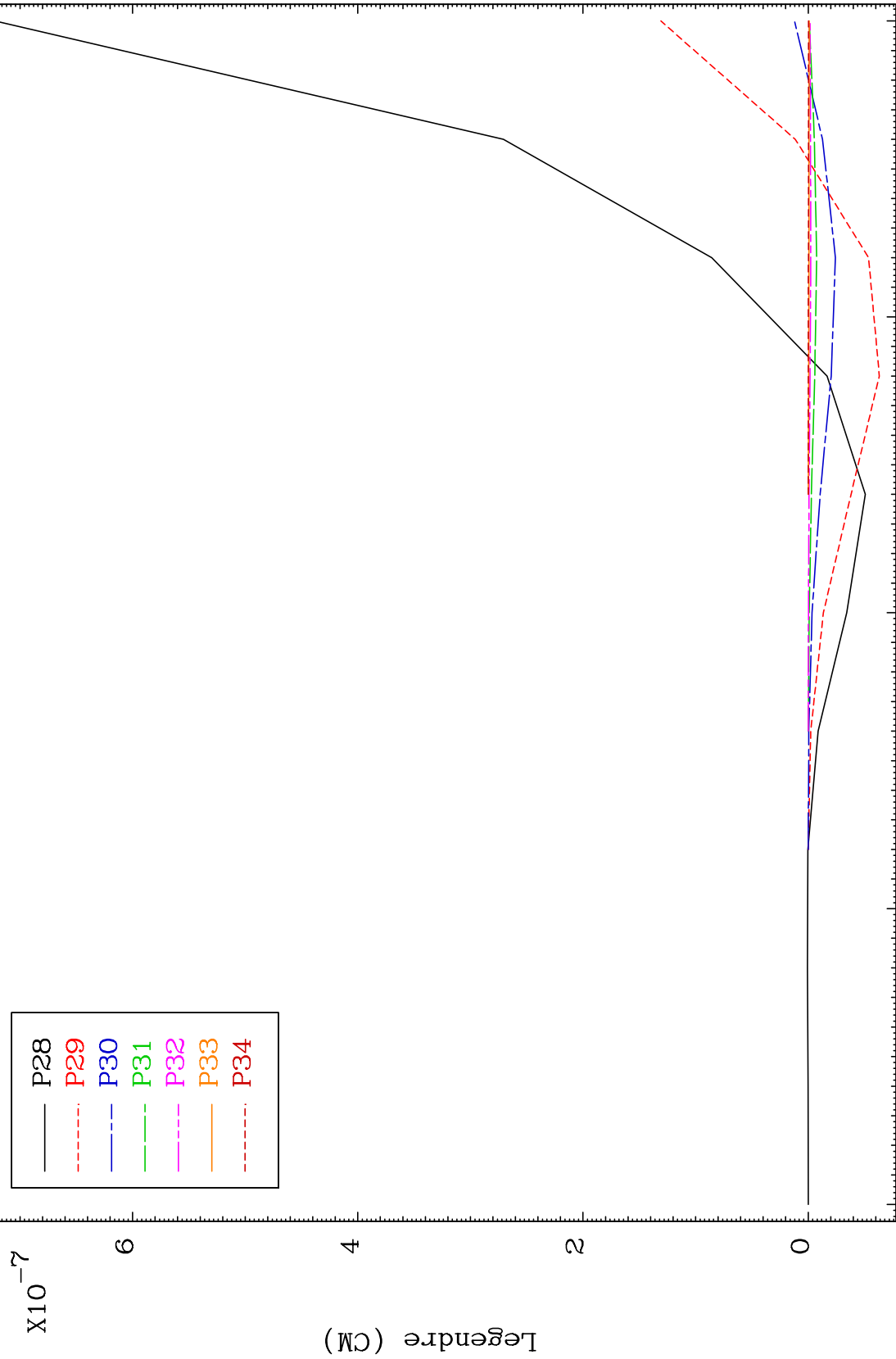
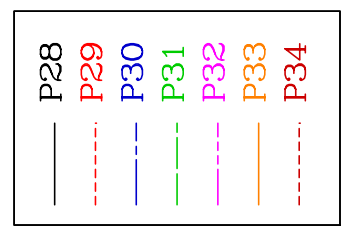
55-Cs-128



MAT 5510

Elastic Legendre Coefficients

55-Cs-128

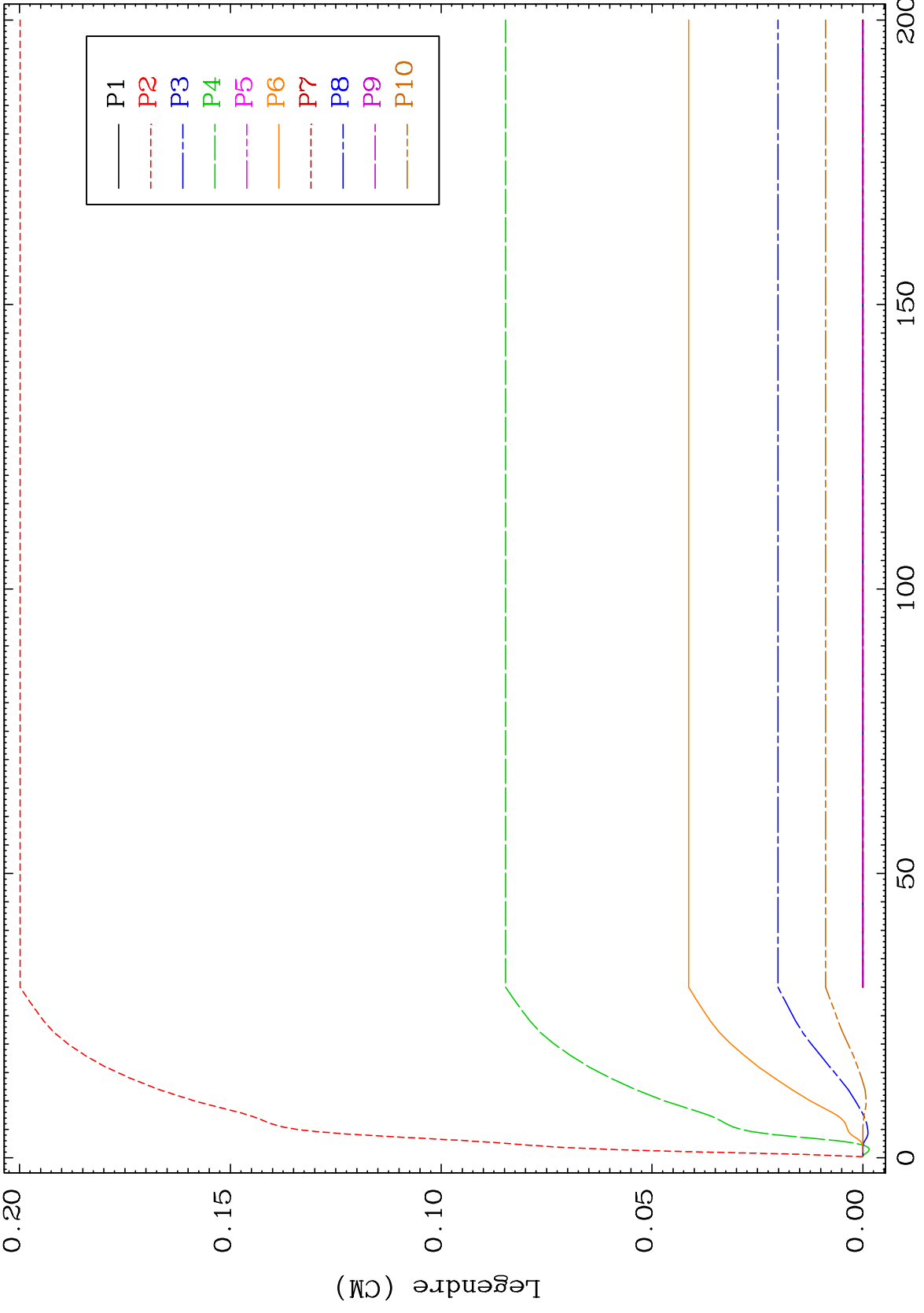


19

Incident Energy (MeV)

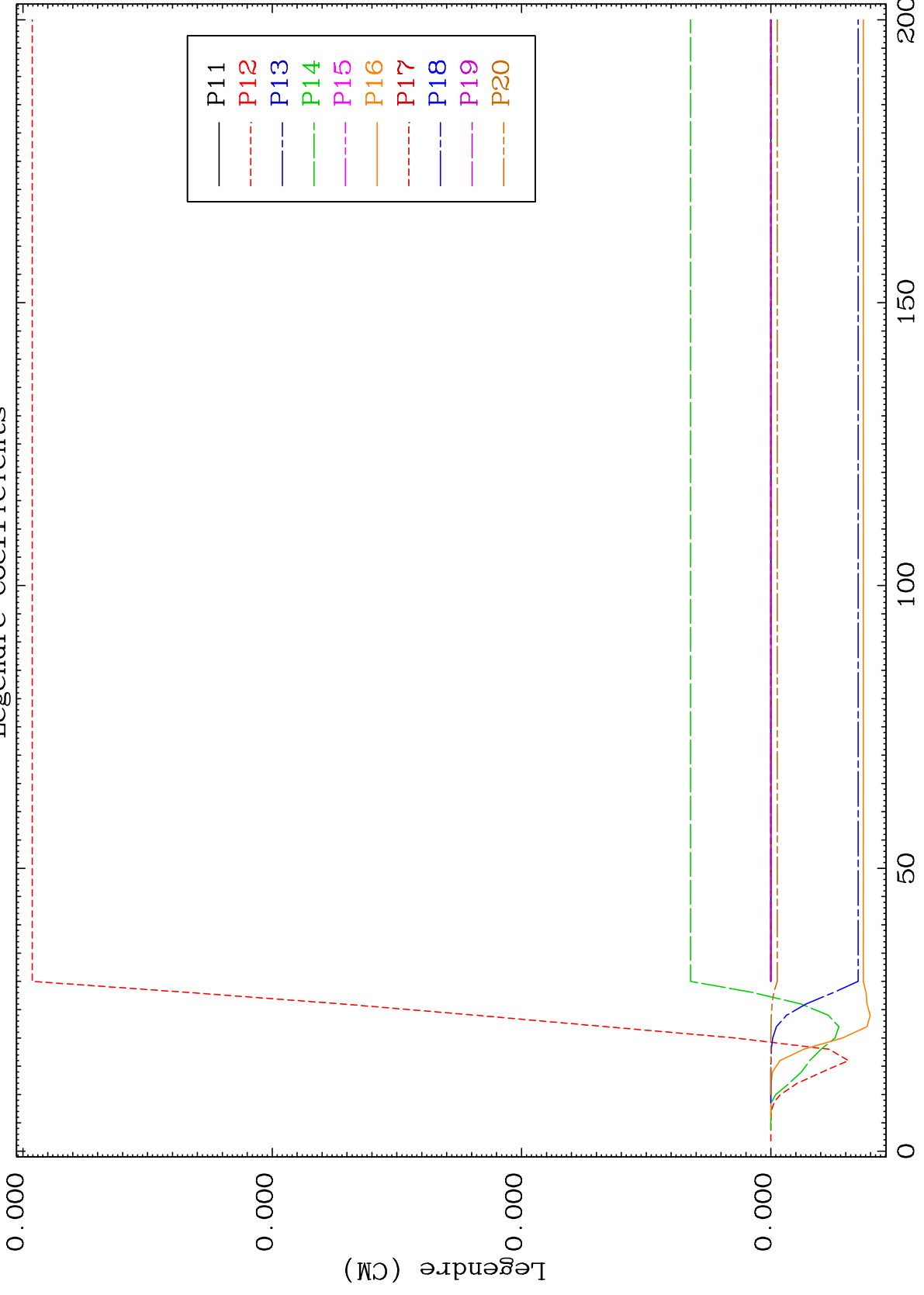
55-Cs-128

MAT 5510 MT= 51 (n,n') Level Legendre Coefficients 55-Cs-128



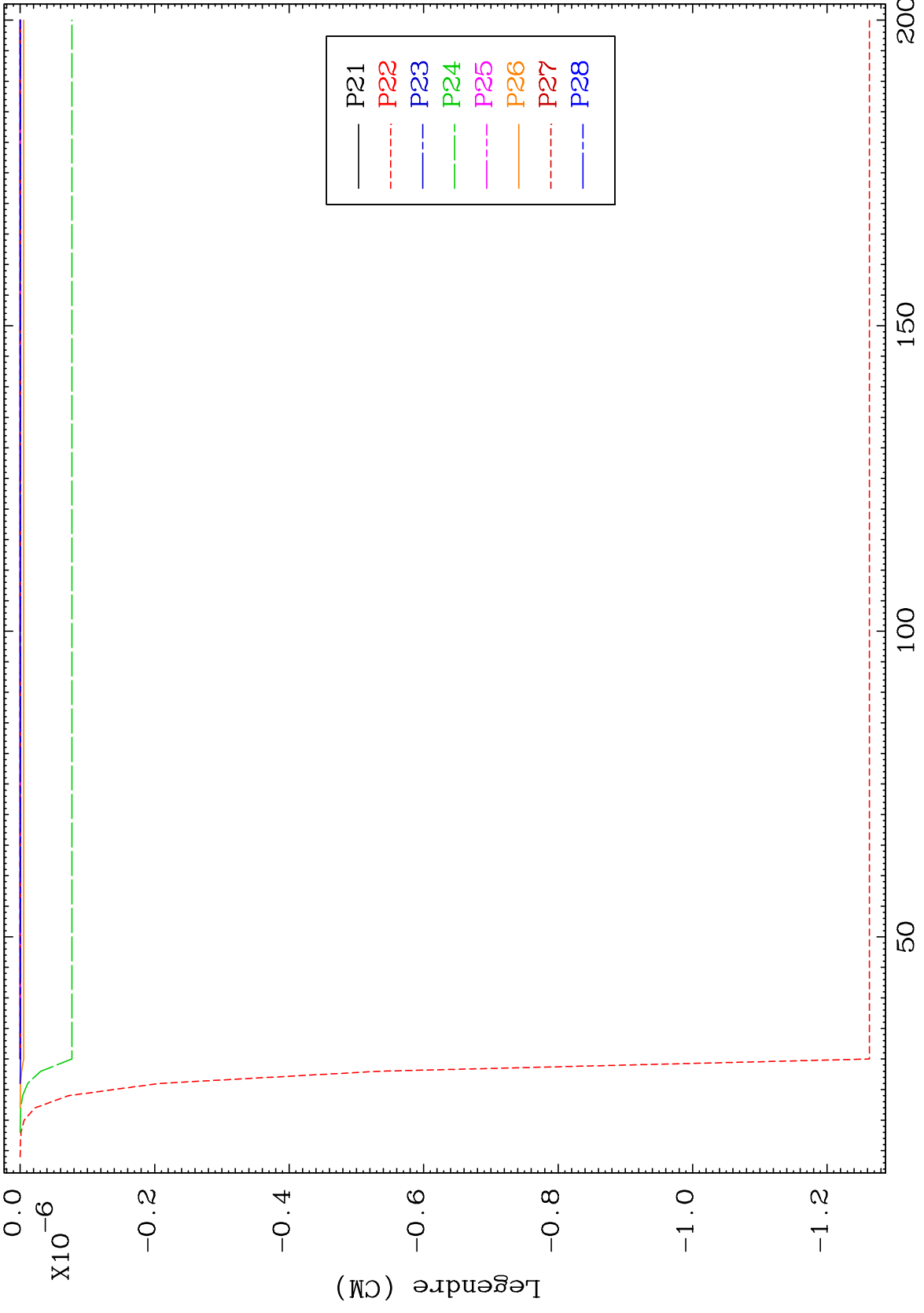
Incident Energy (MeV) 55-Cs-128

MAT 5510 MT= 51 (n,n') Level Legendre Coefficients 55-Cs-128



21 55-Cs-128

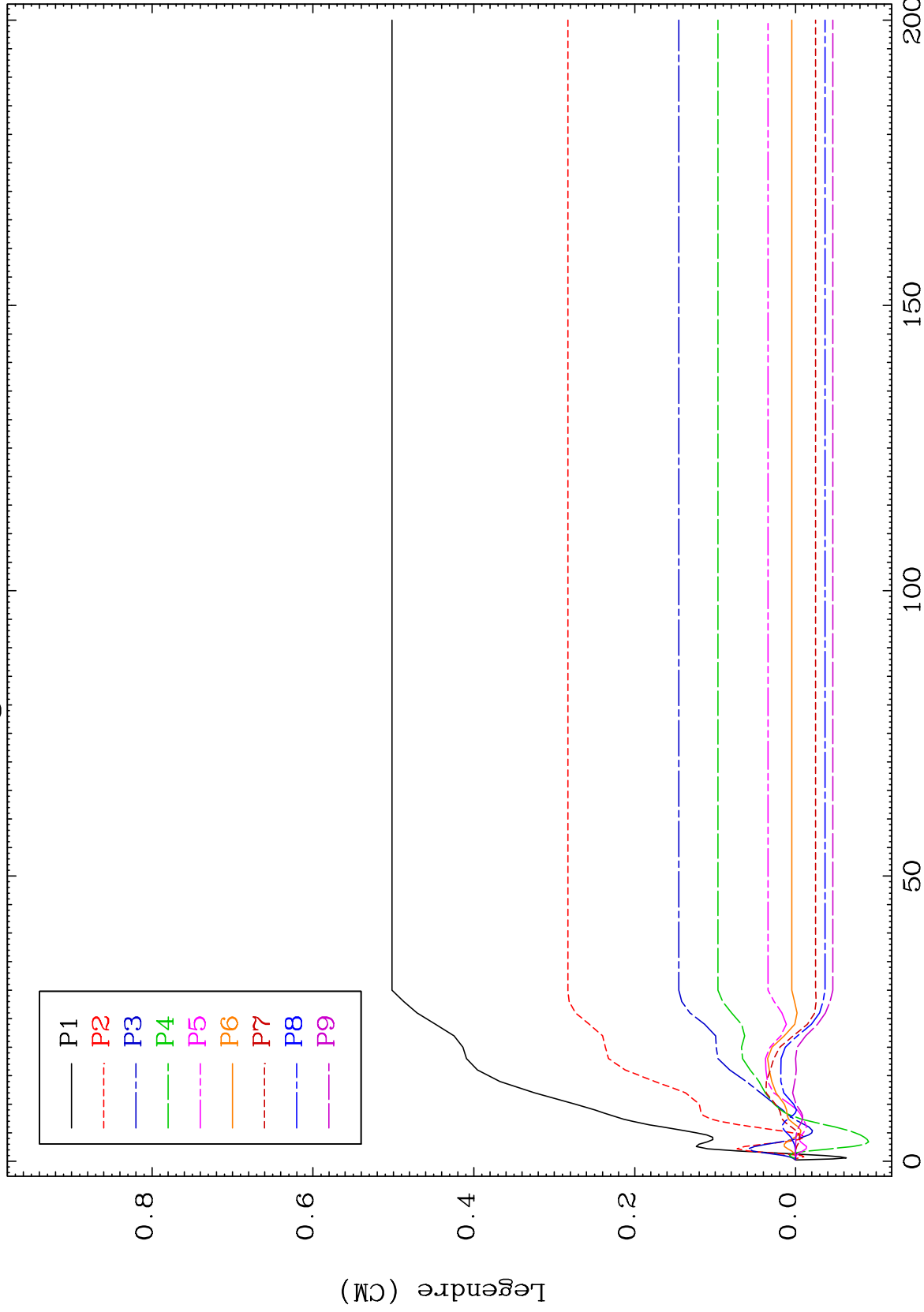
MAT 5510 MT= 51 (n,n') Level Legendre Coefficients 55-Cs-128



MAT 5510

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

55-Cs-128



23

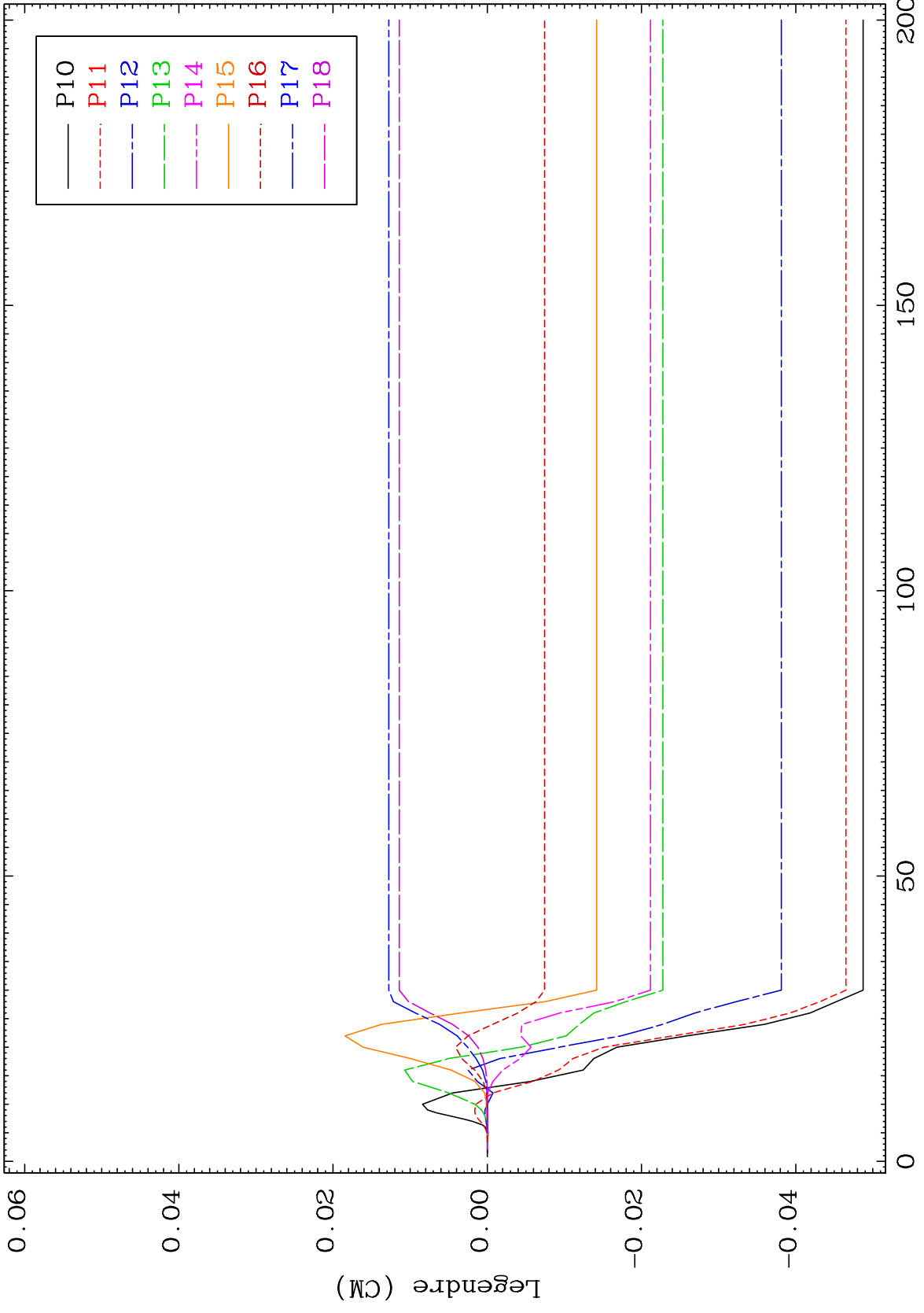
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



24

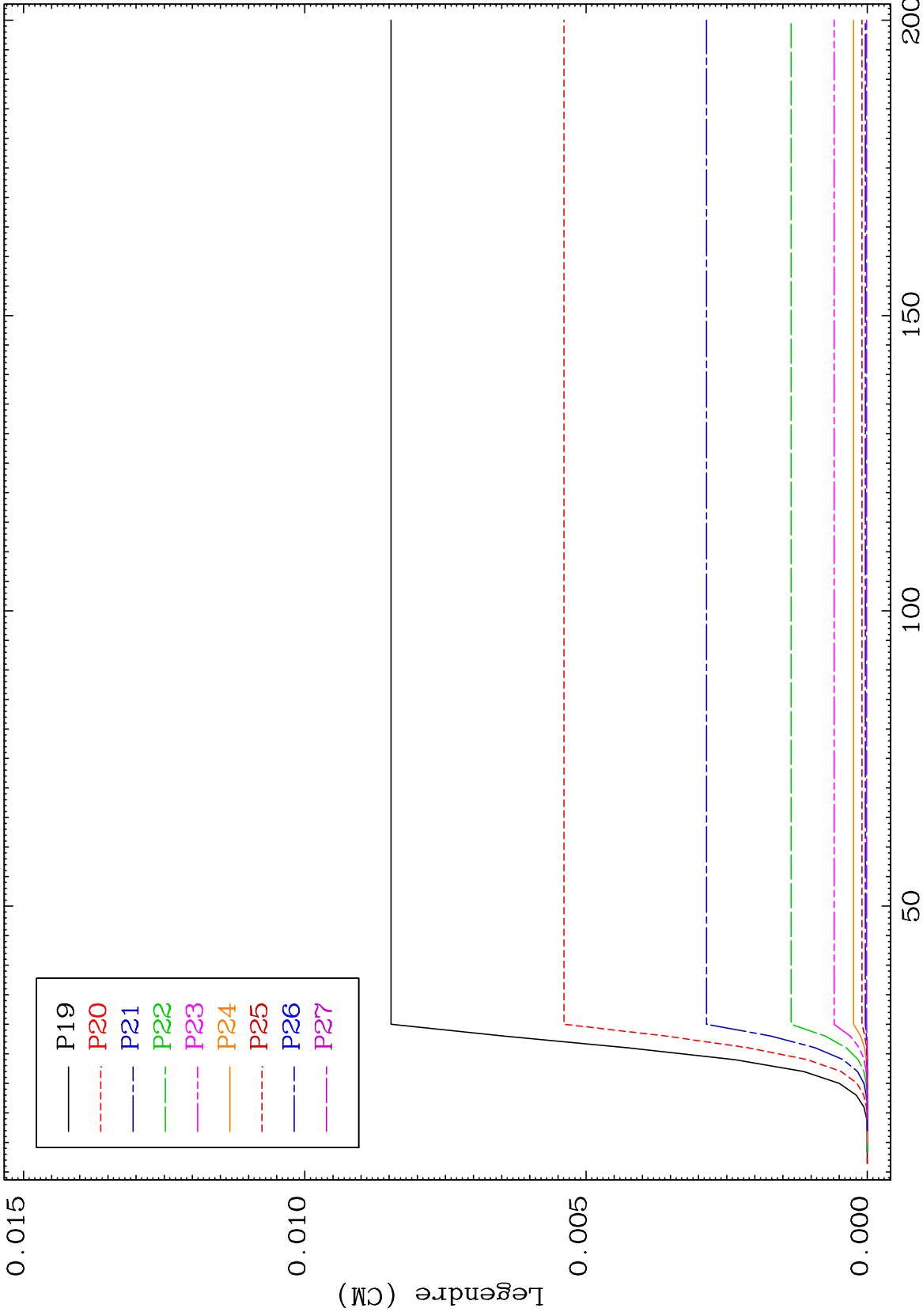
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



25

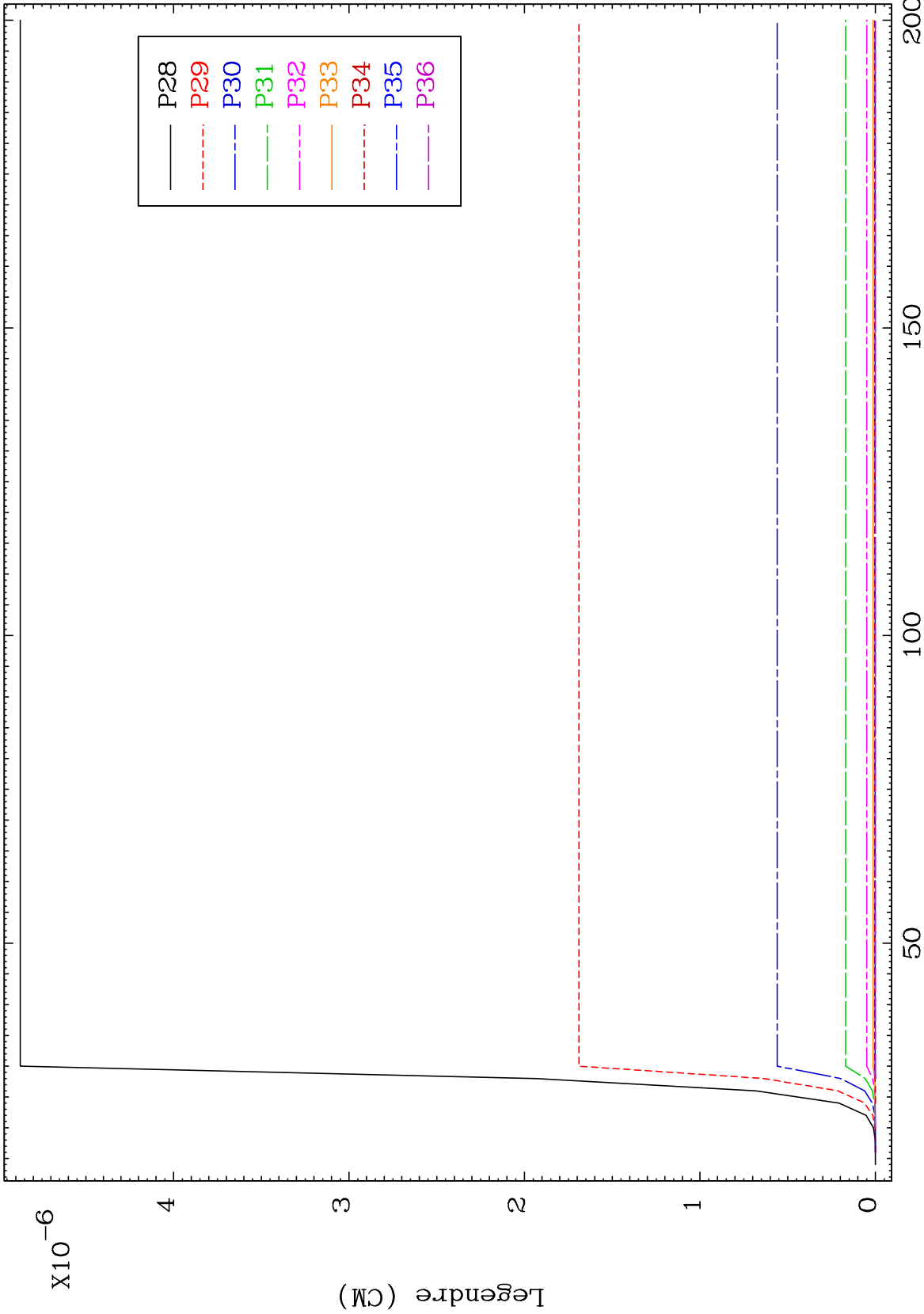
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

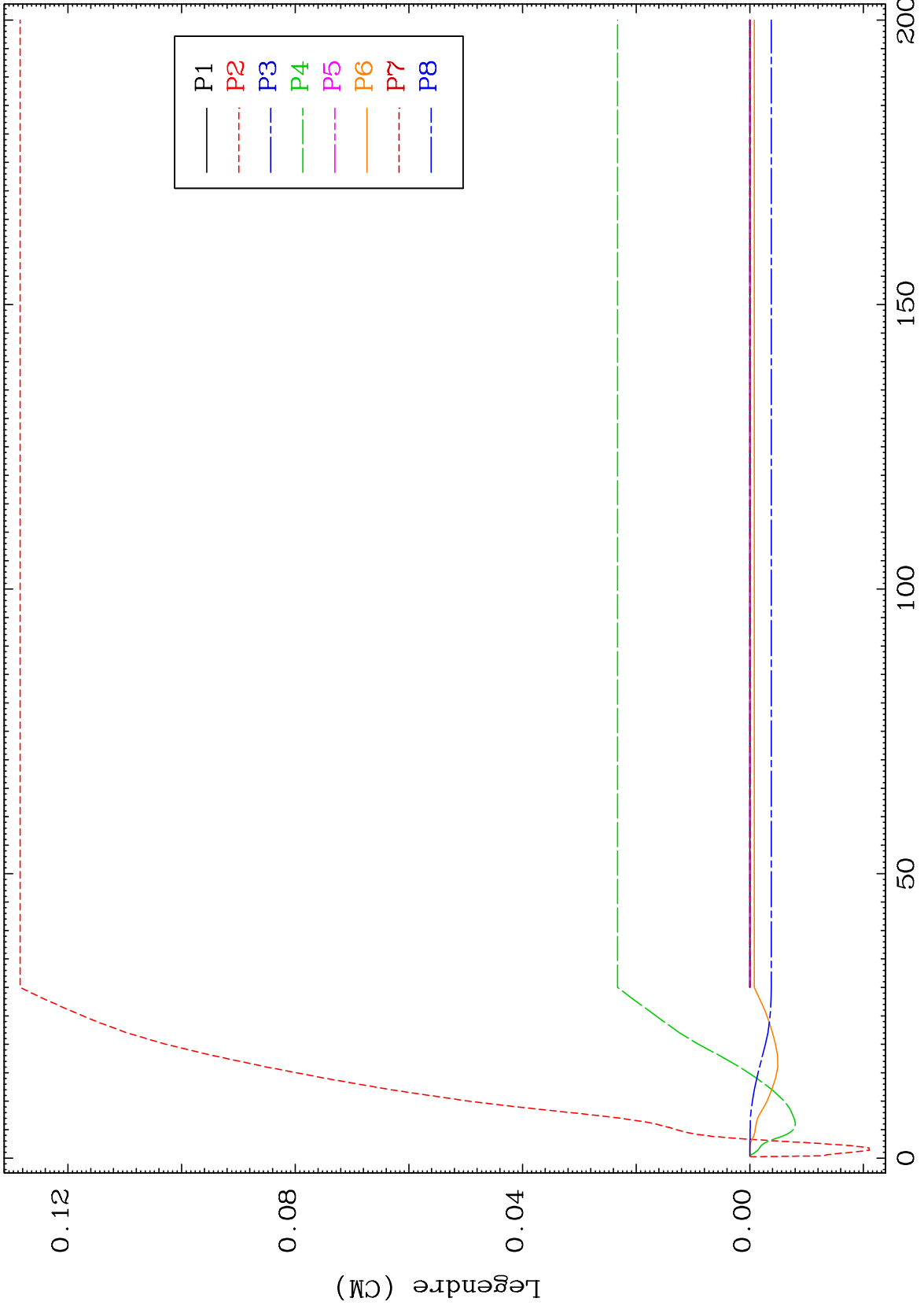
55-Cs-128



26

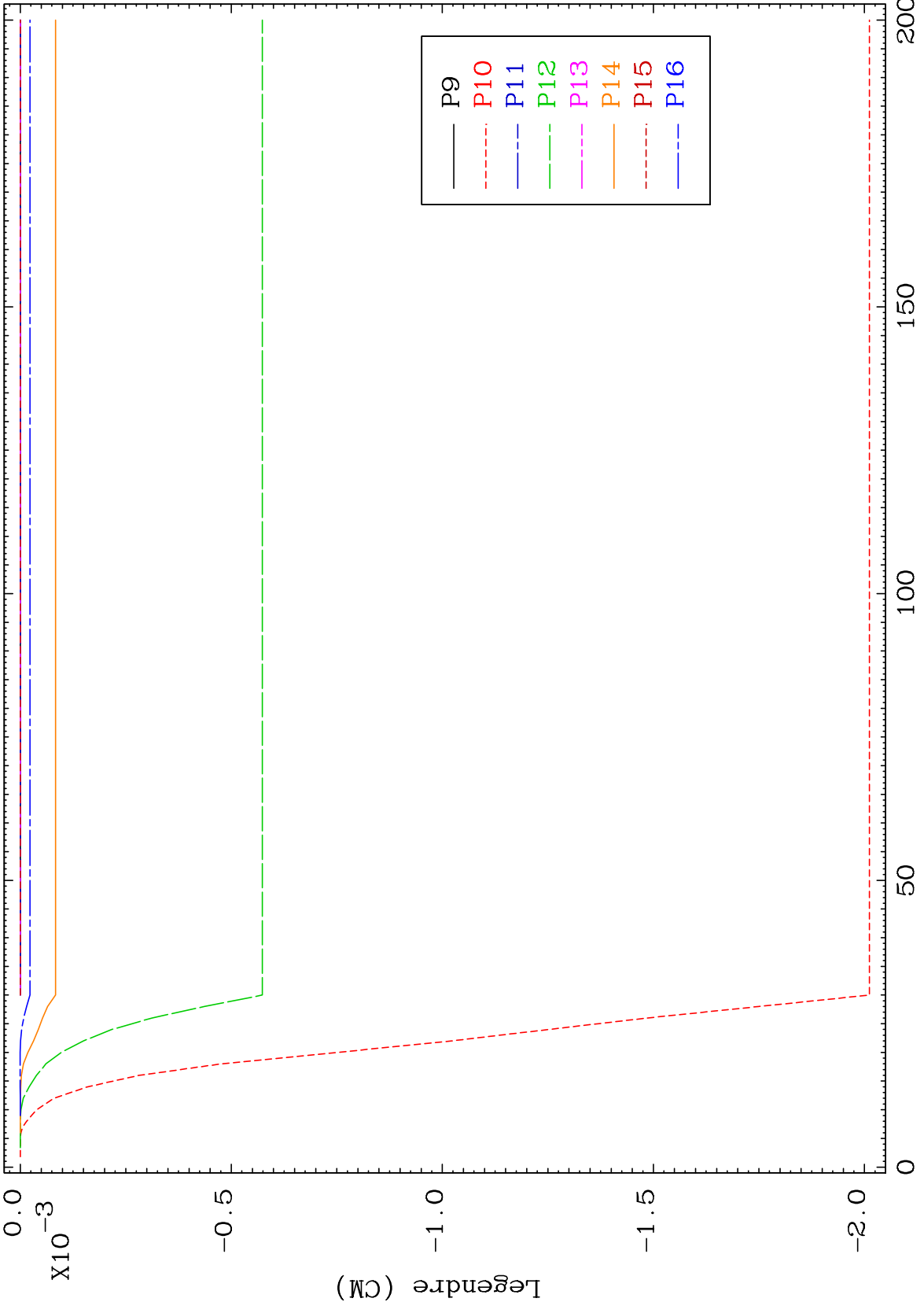
55-Cs-128

MAT 5510 MT= 53 (n,n') Level Legendre Coefficients 55-Cs-128



27 Incident Energy (MeV) 55-Cs-128

MAT 5510 MT= 53 (n,n') Level Legendre Coefficients 55-Cs-128

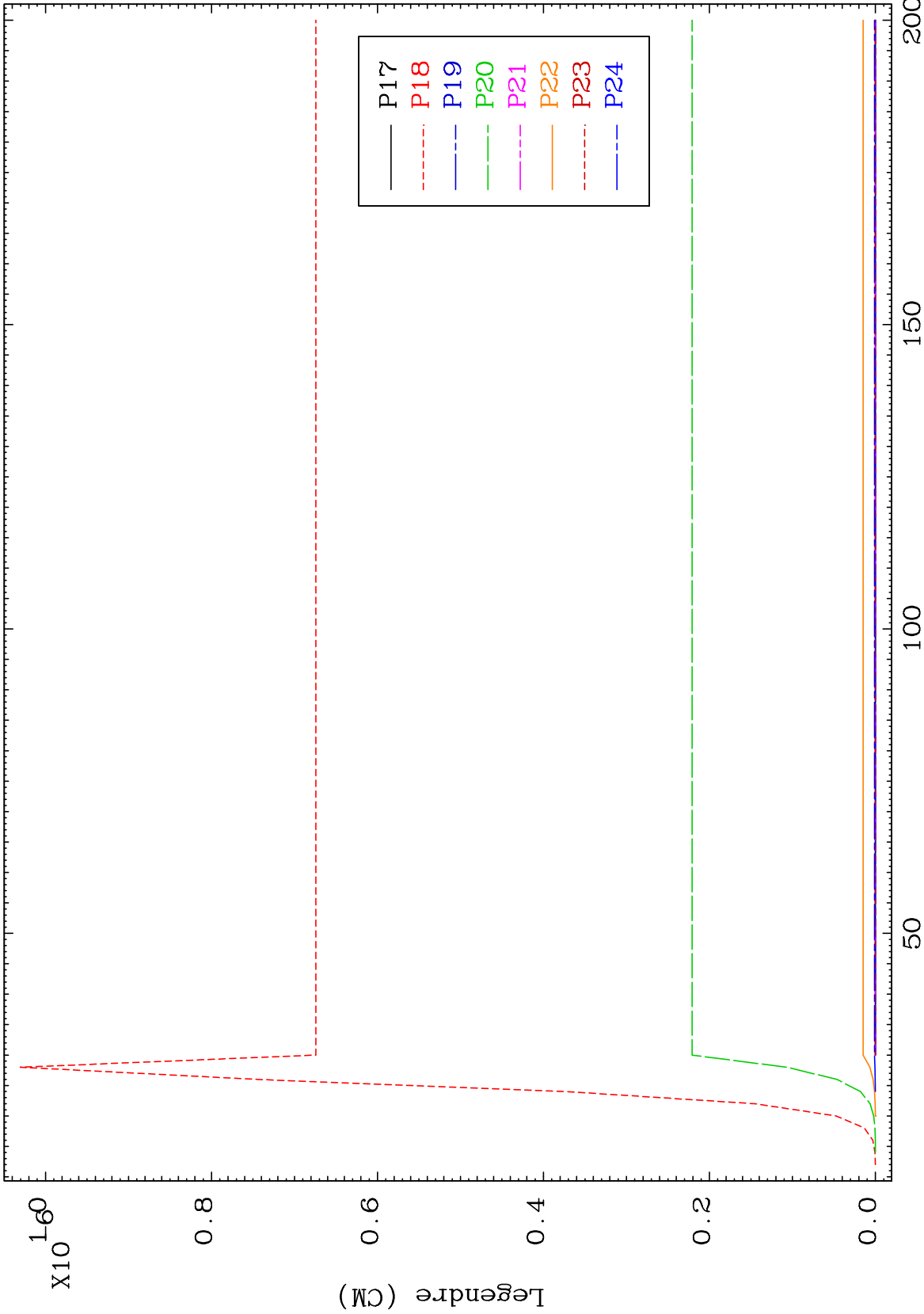


28 Incident Energy (MeV) 55-Cs-128

MAT 5510

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

55-Cs-128

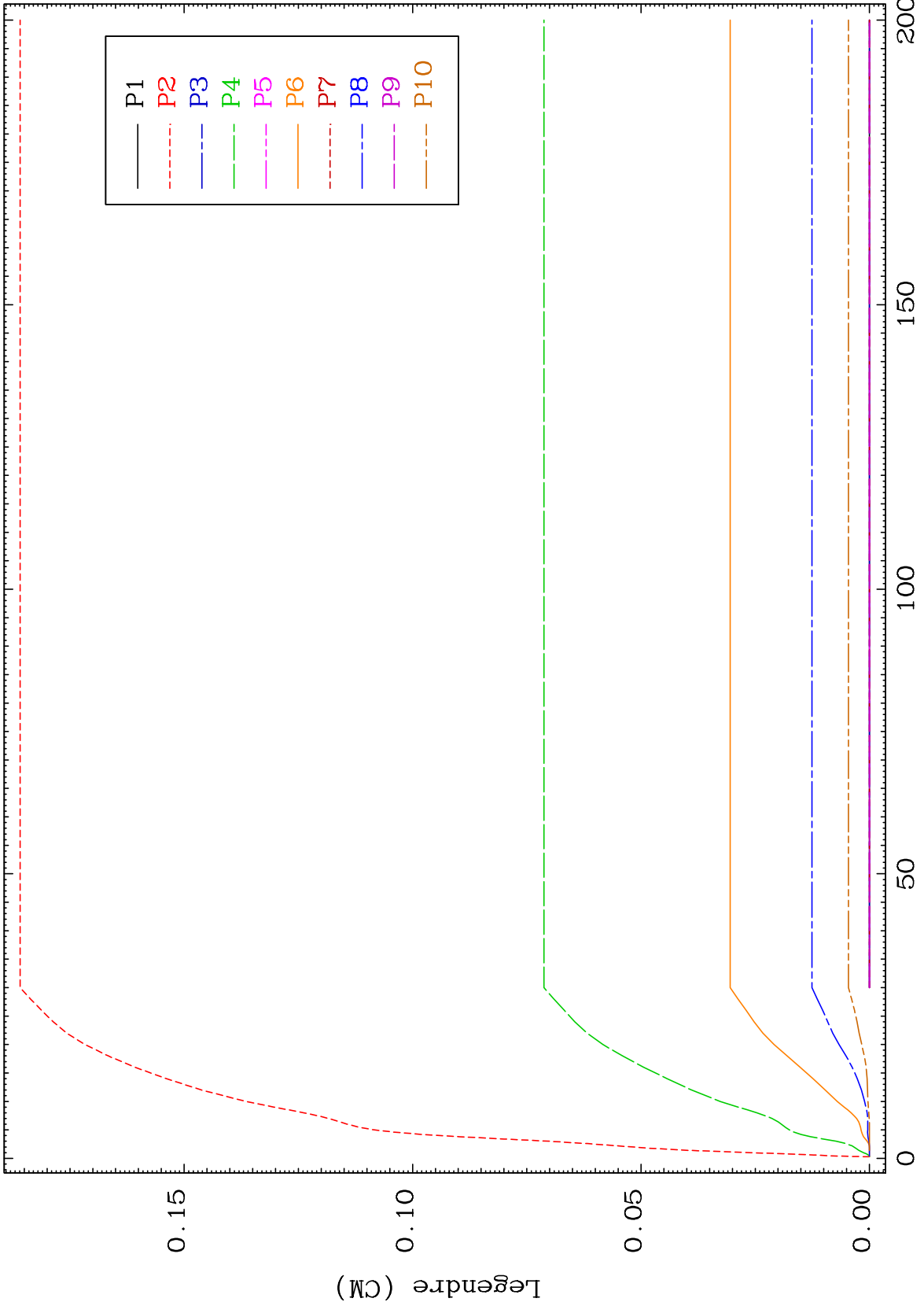


29

Incident Energy (MeV)

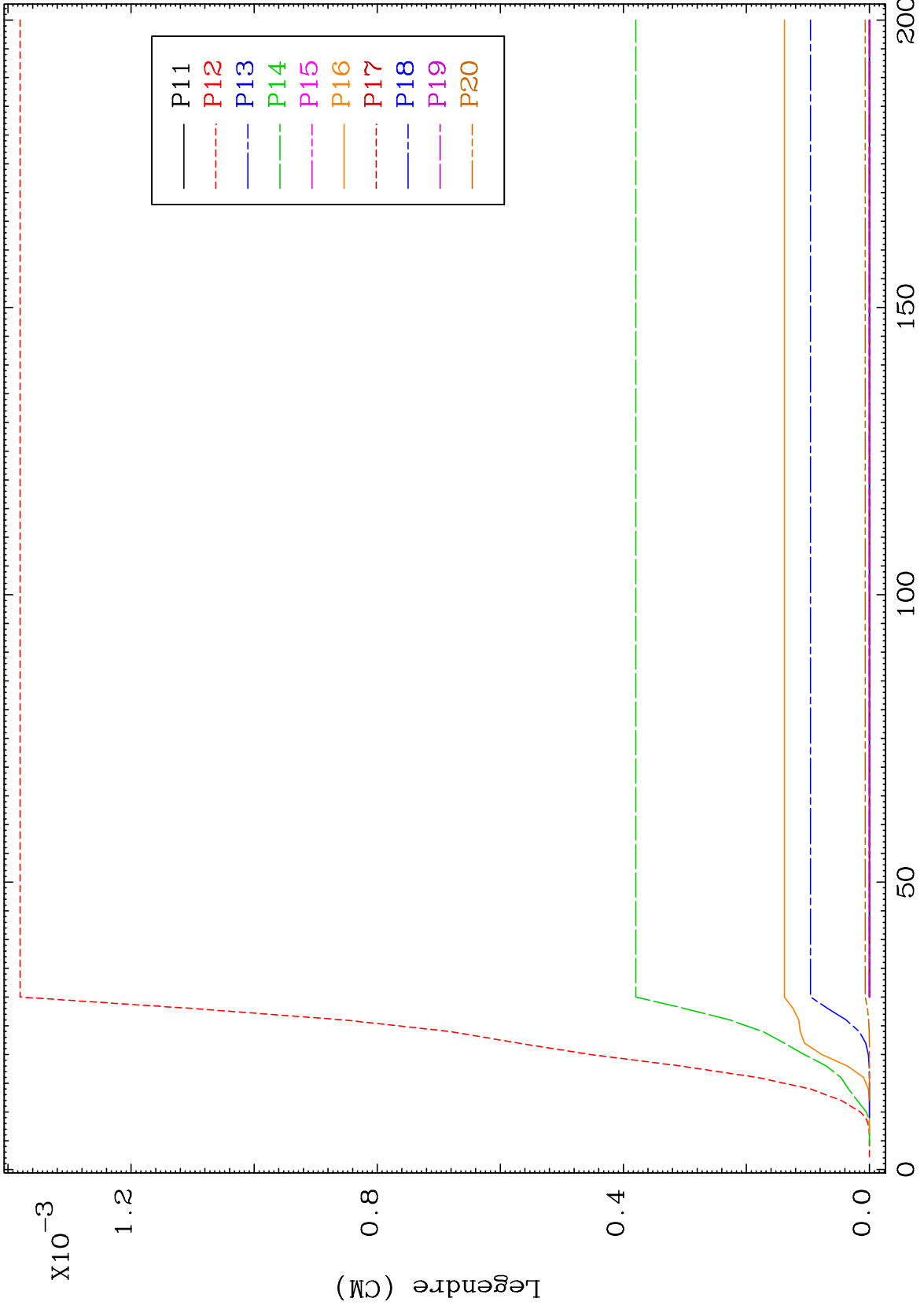
55-Cs-128

MAT 5510 MT= 54 (n,n') Level Legendre Coefficients 55-Cs-128



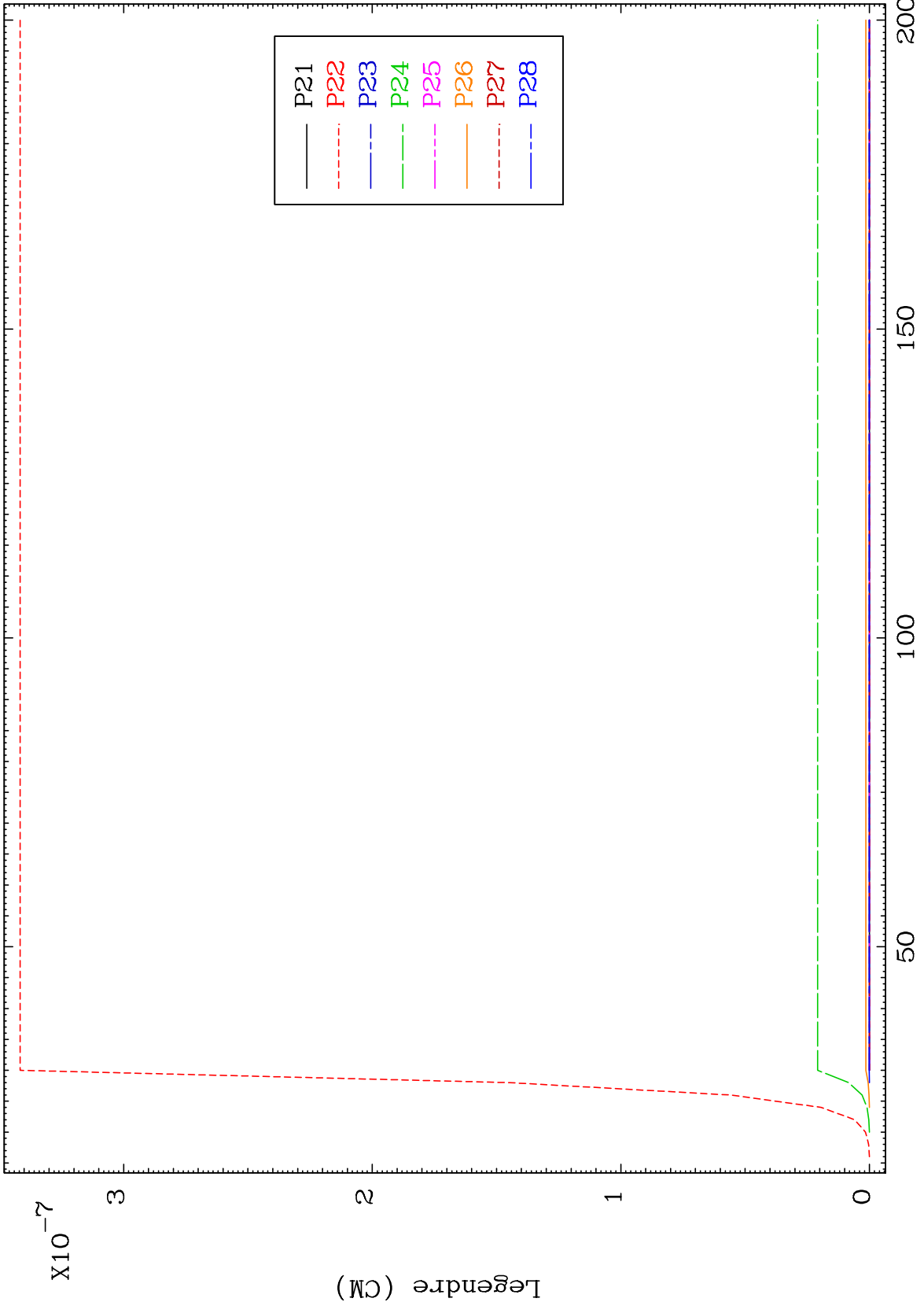
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MAT 5510 MT= 54 (n,n') Level Legendre Coefficients 55-Cs-128



31 55-Cs-128

MAT 5510 MT= 54 (n,n') Level Legendre Coefficients 55-Cs-128

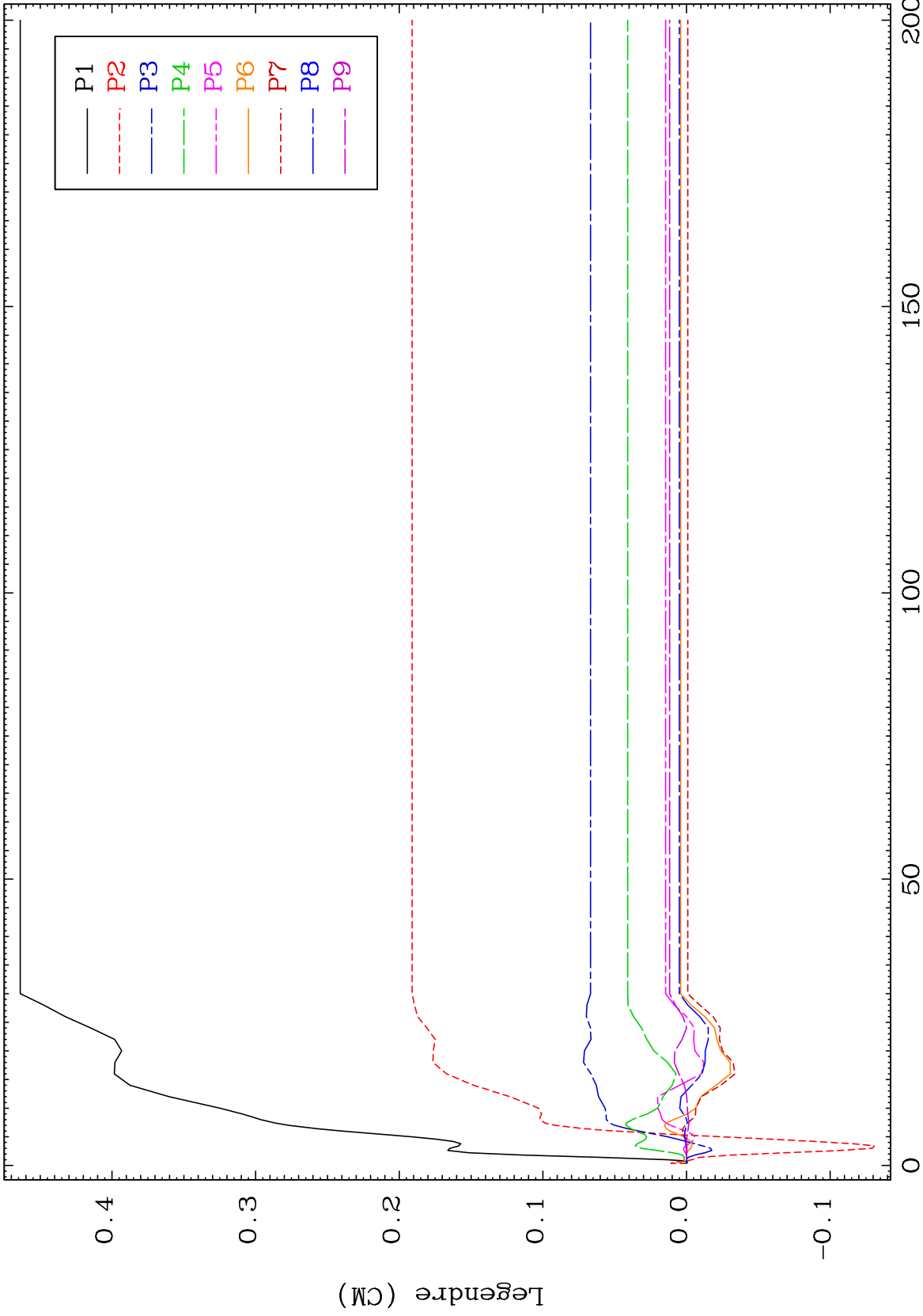


32 50 100 150 200 55-Cs-128

MAT 5510

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

55-Cs-128



33

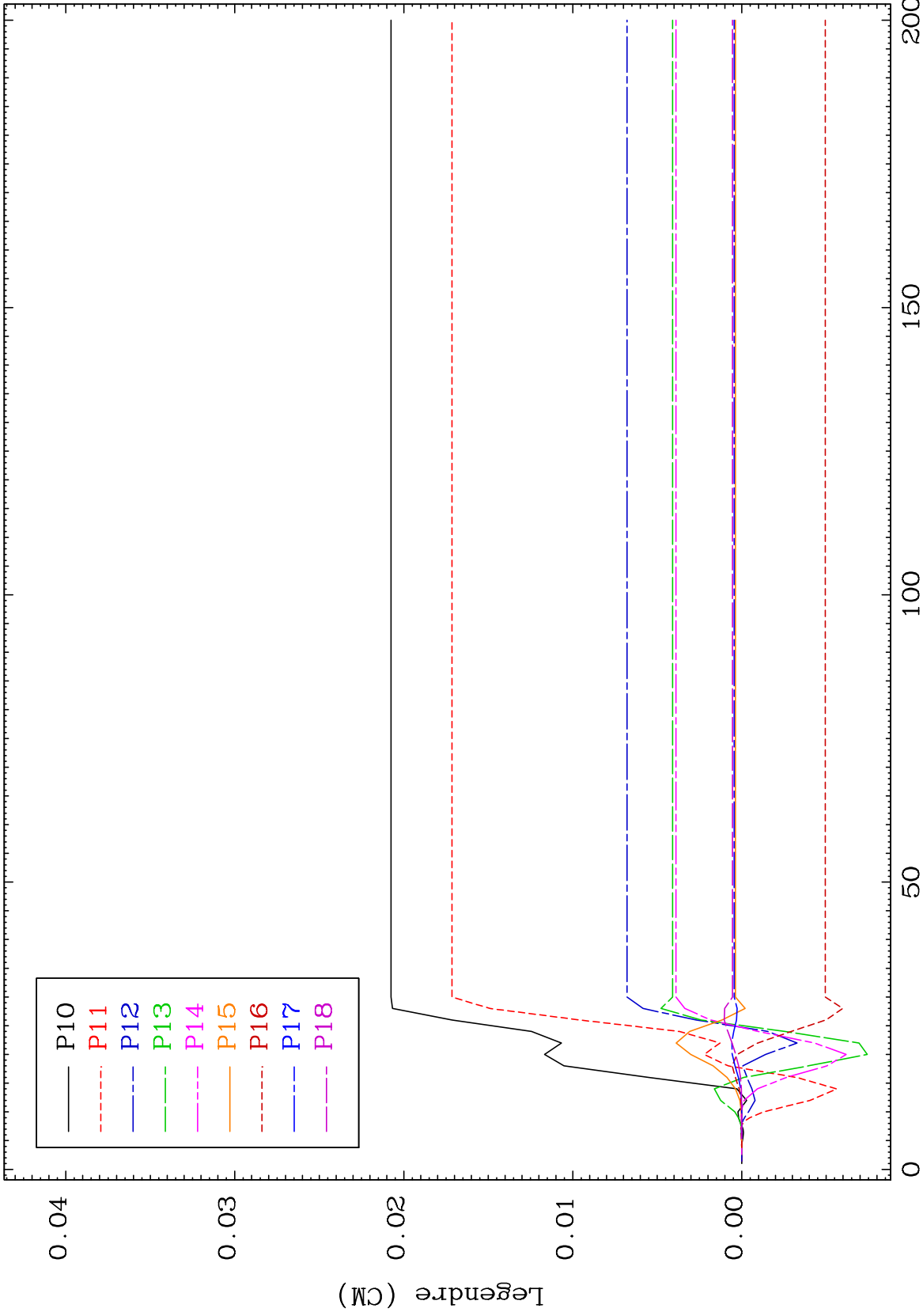
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



34

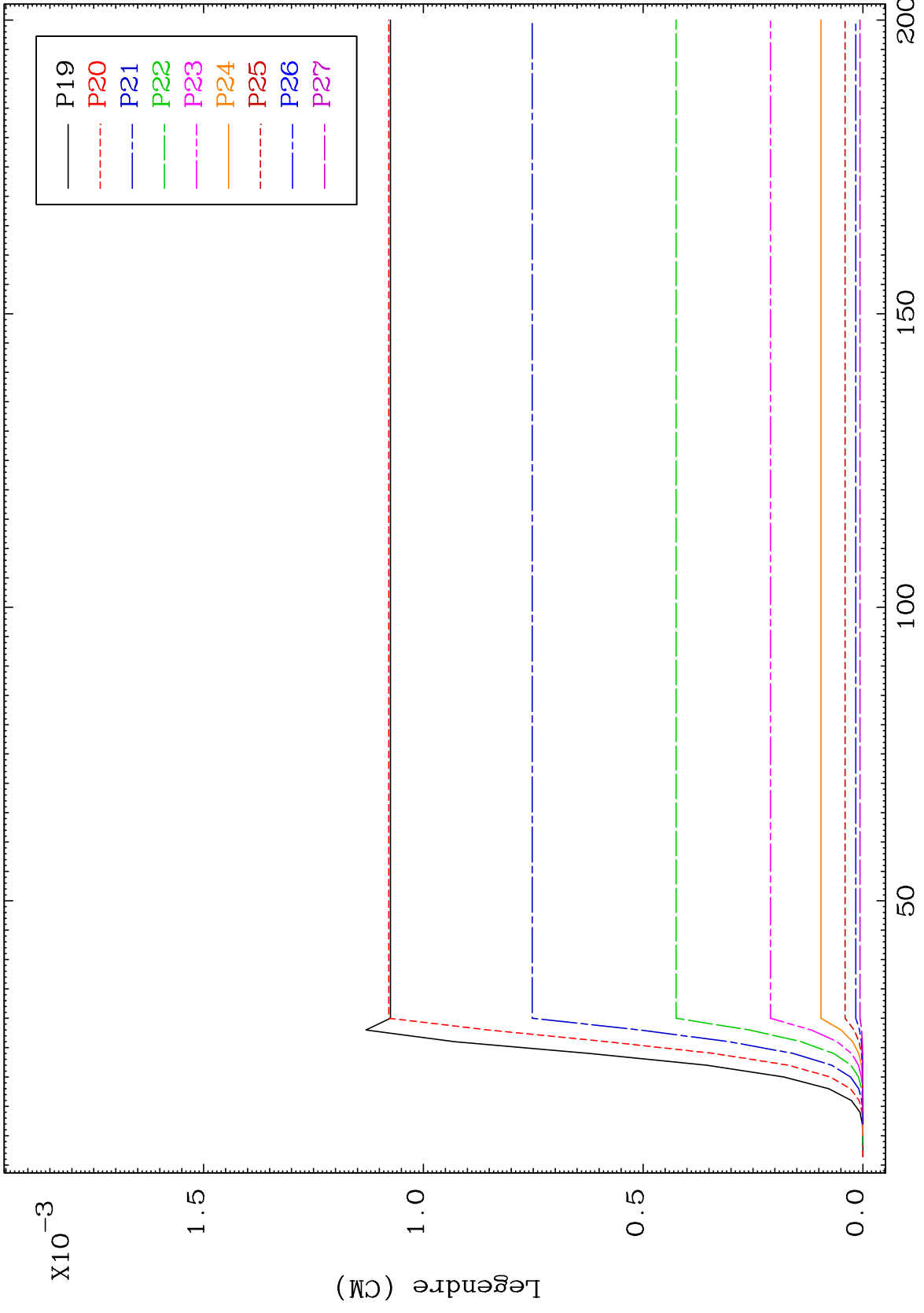
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



35

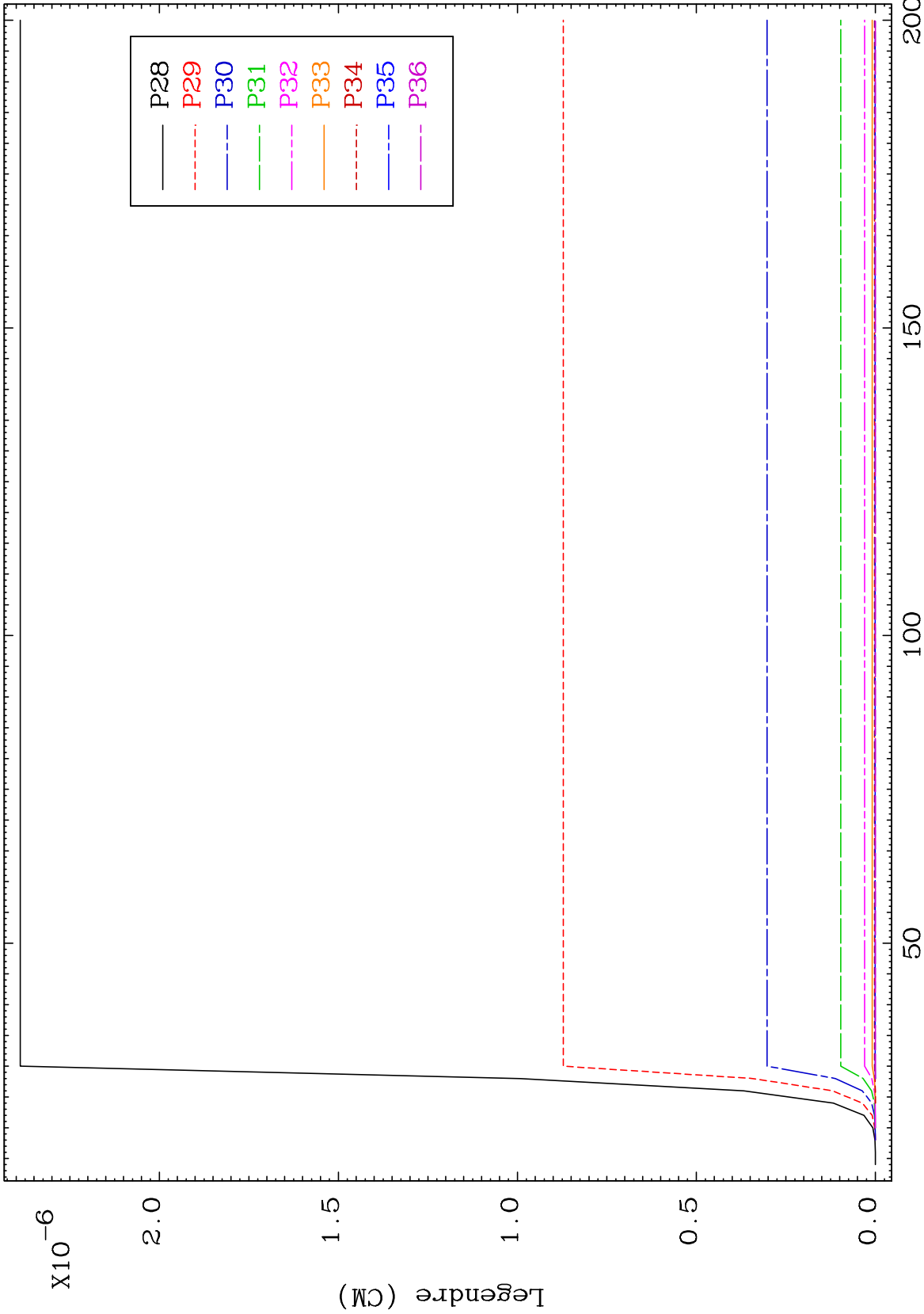
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128

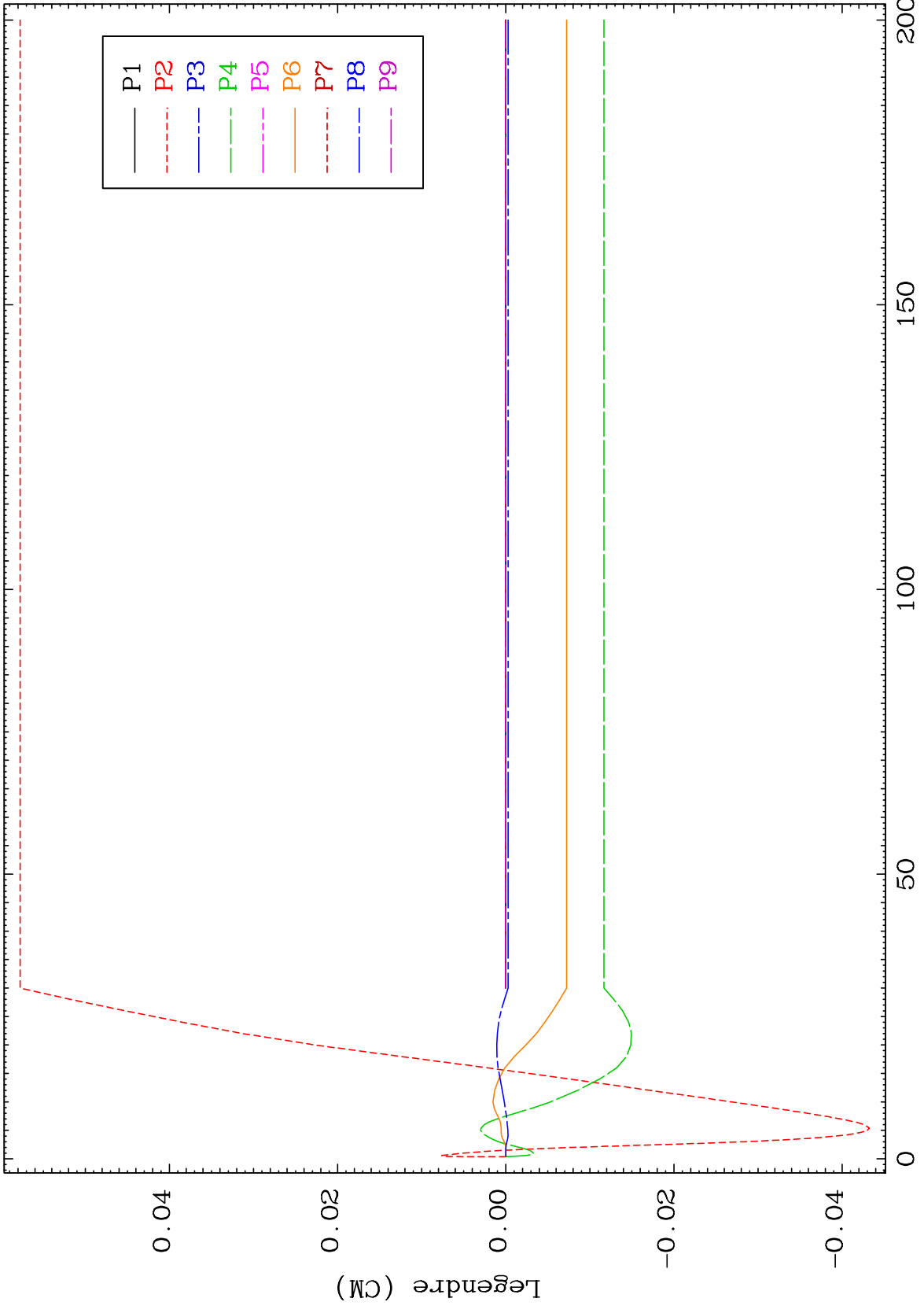


36

Incident Energy (MeV)

55-Cs-128

MAT 5510 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-128

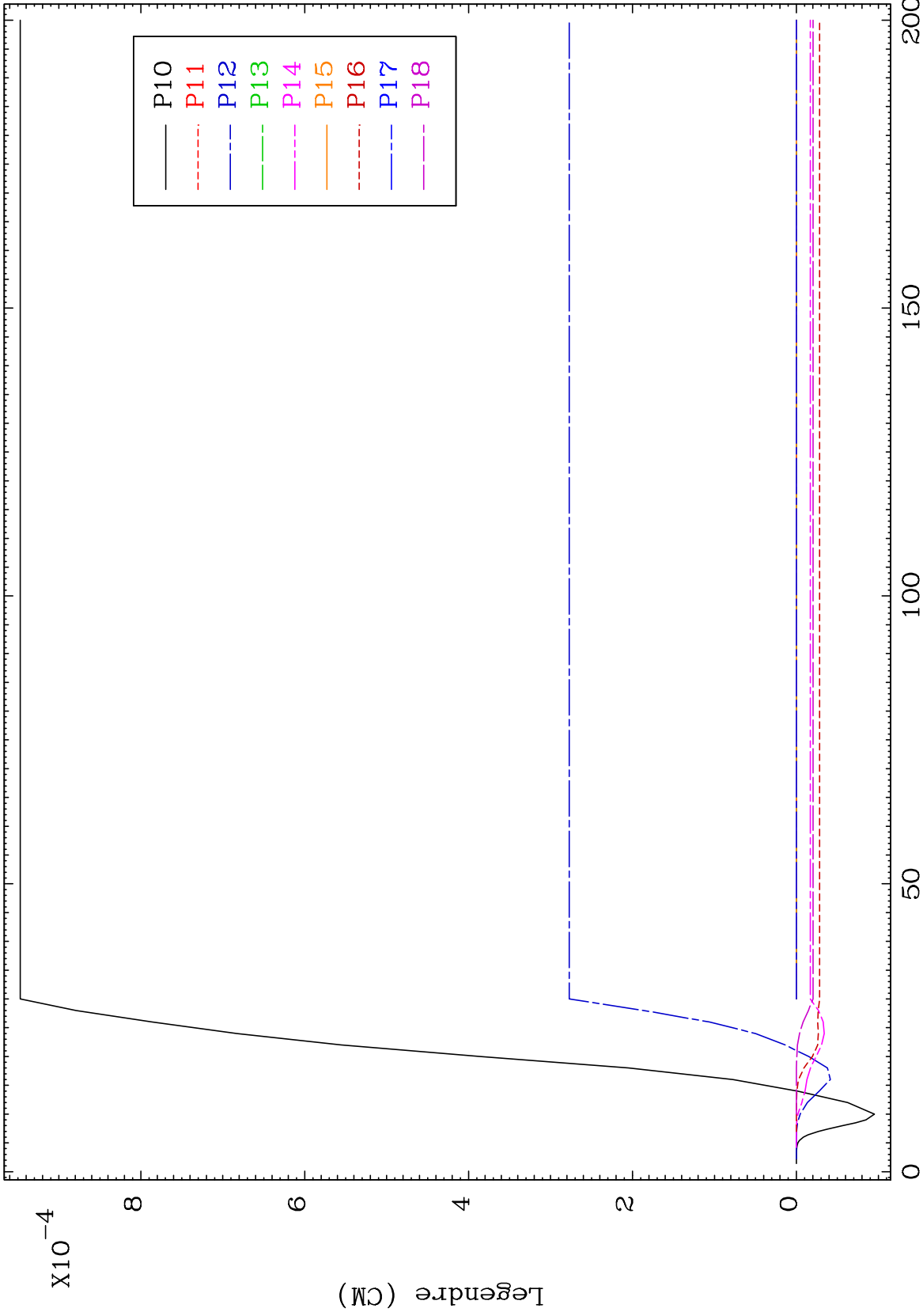


37 55-Cs-128

MAT 5510

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

55-Cs-128

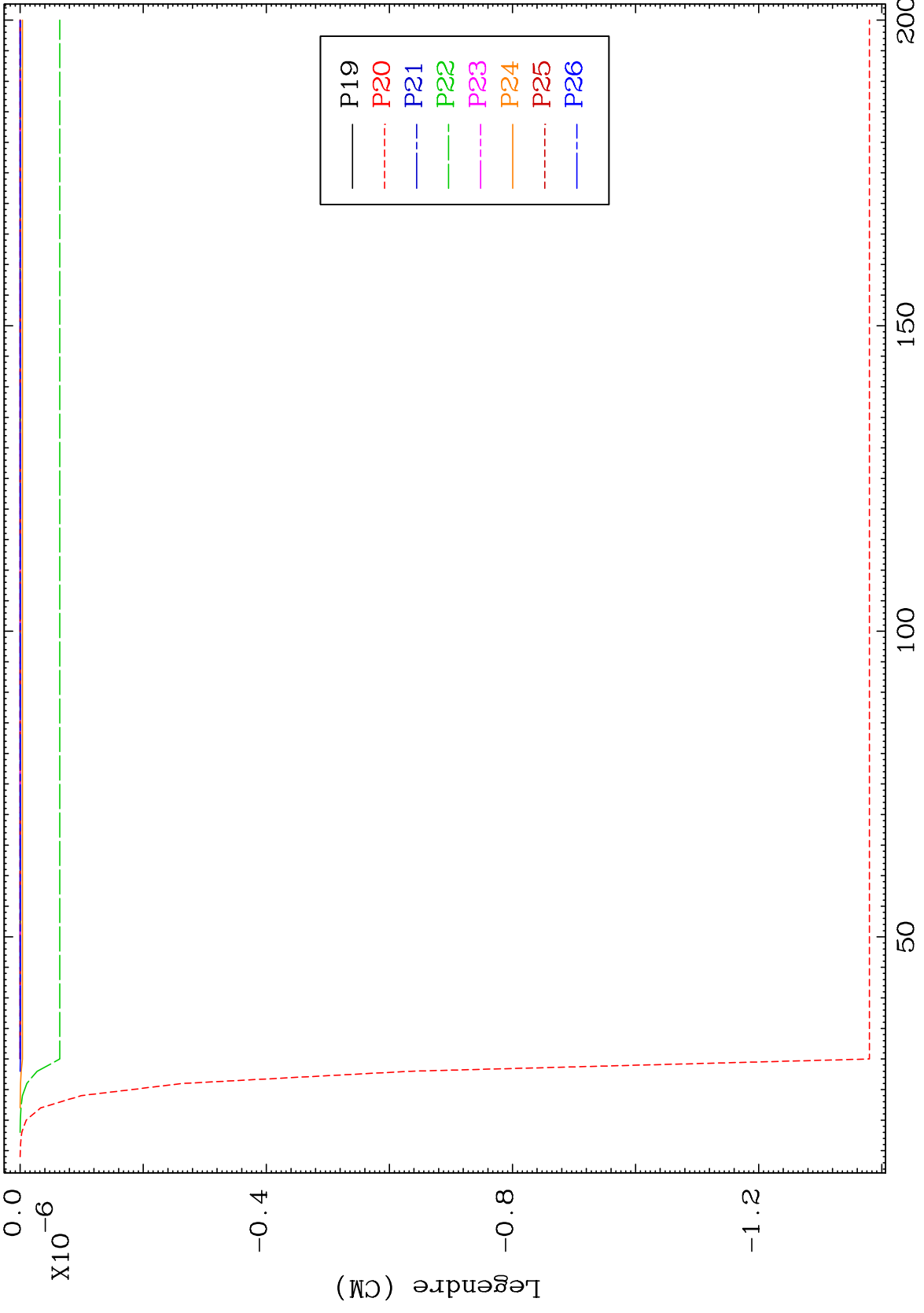


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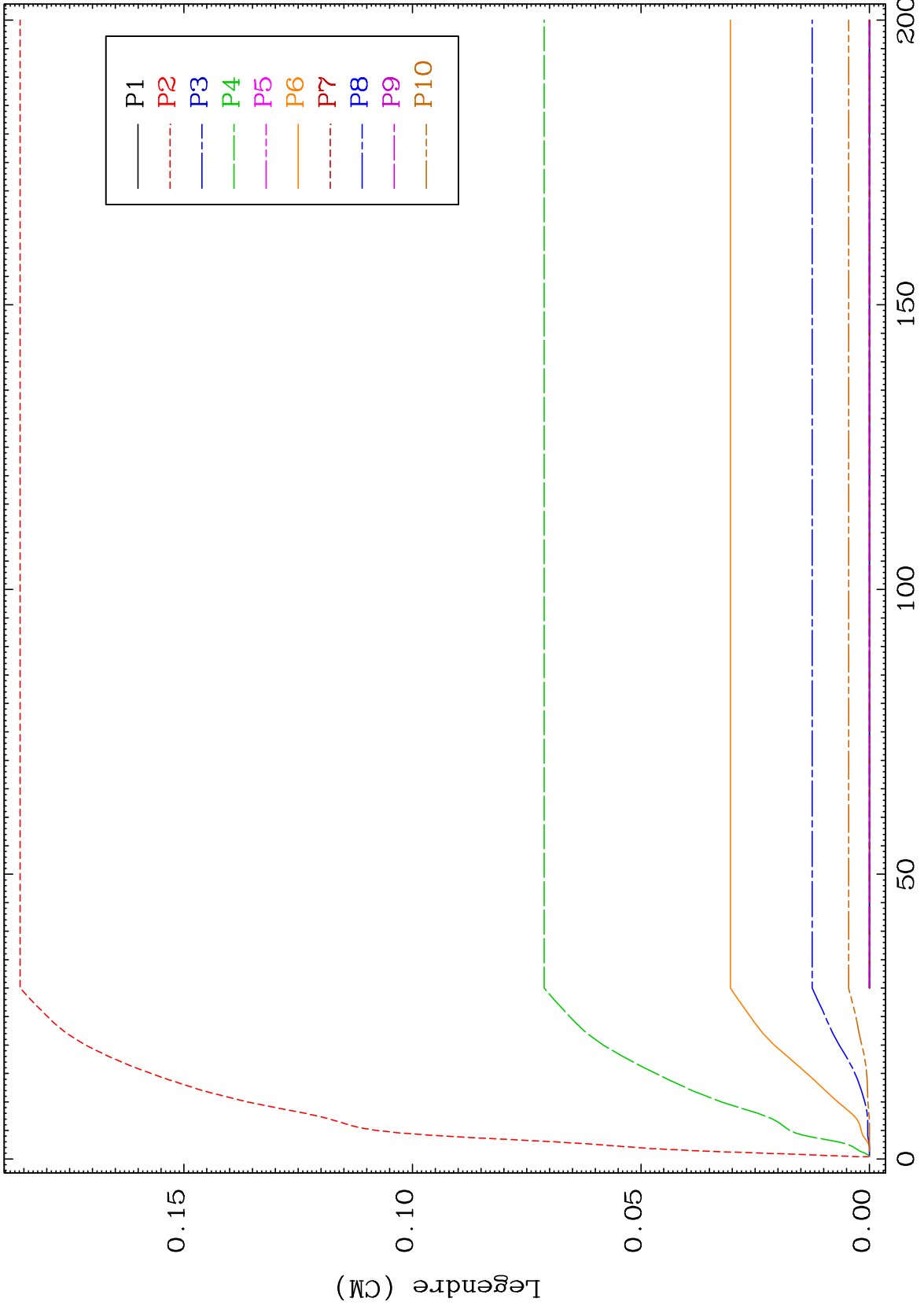
Incident Energy (MeV)

55-Cs-128

MAT 5510 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-128

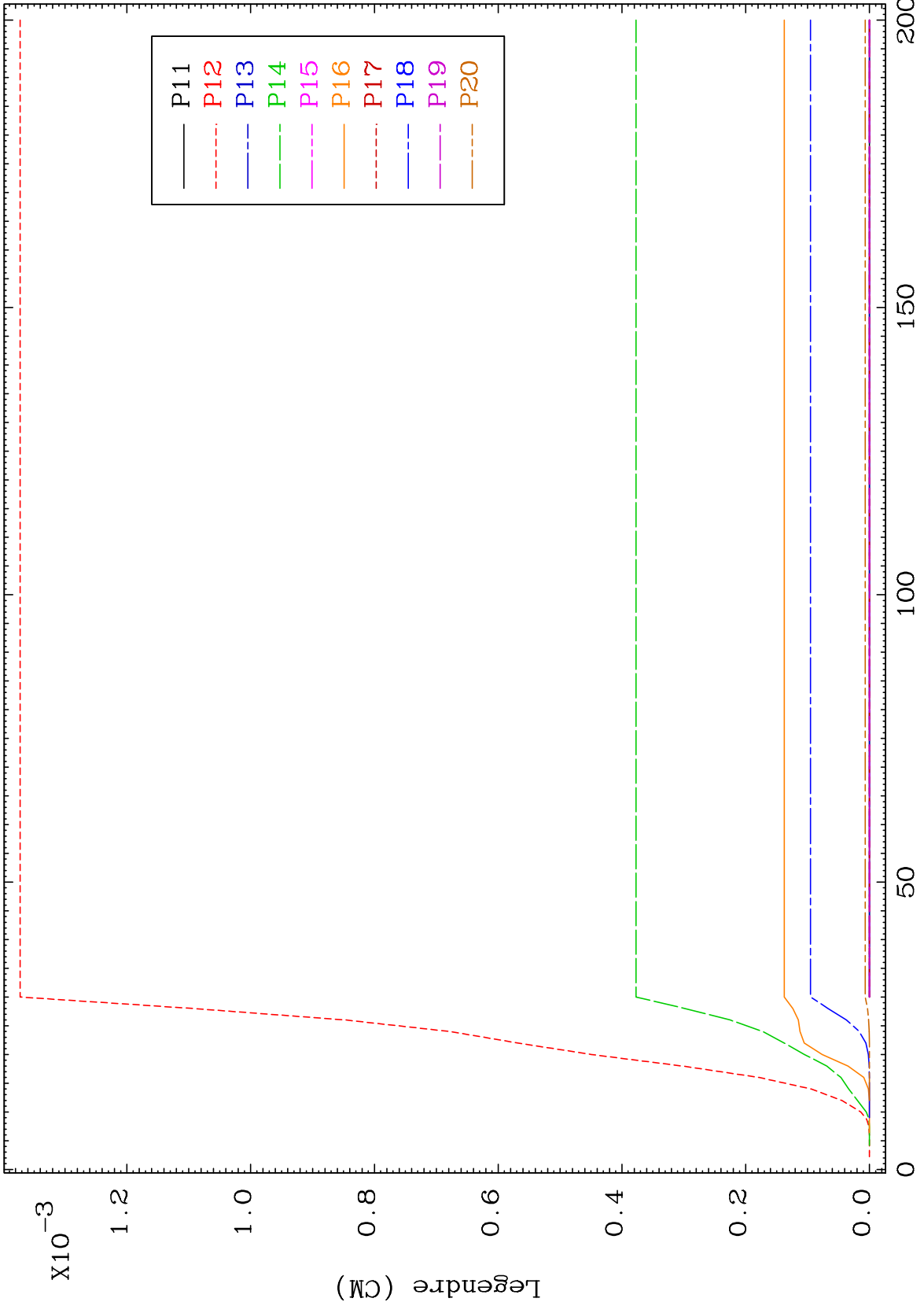


MAT 5510 MT= 57 (n,n') Level Legendre Coefficients 55-Cs-128

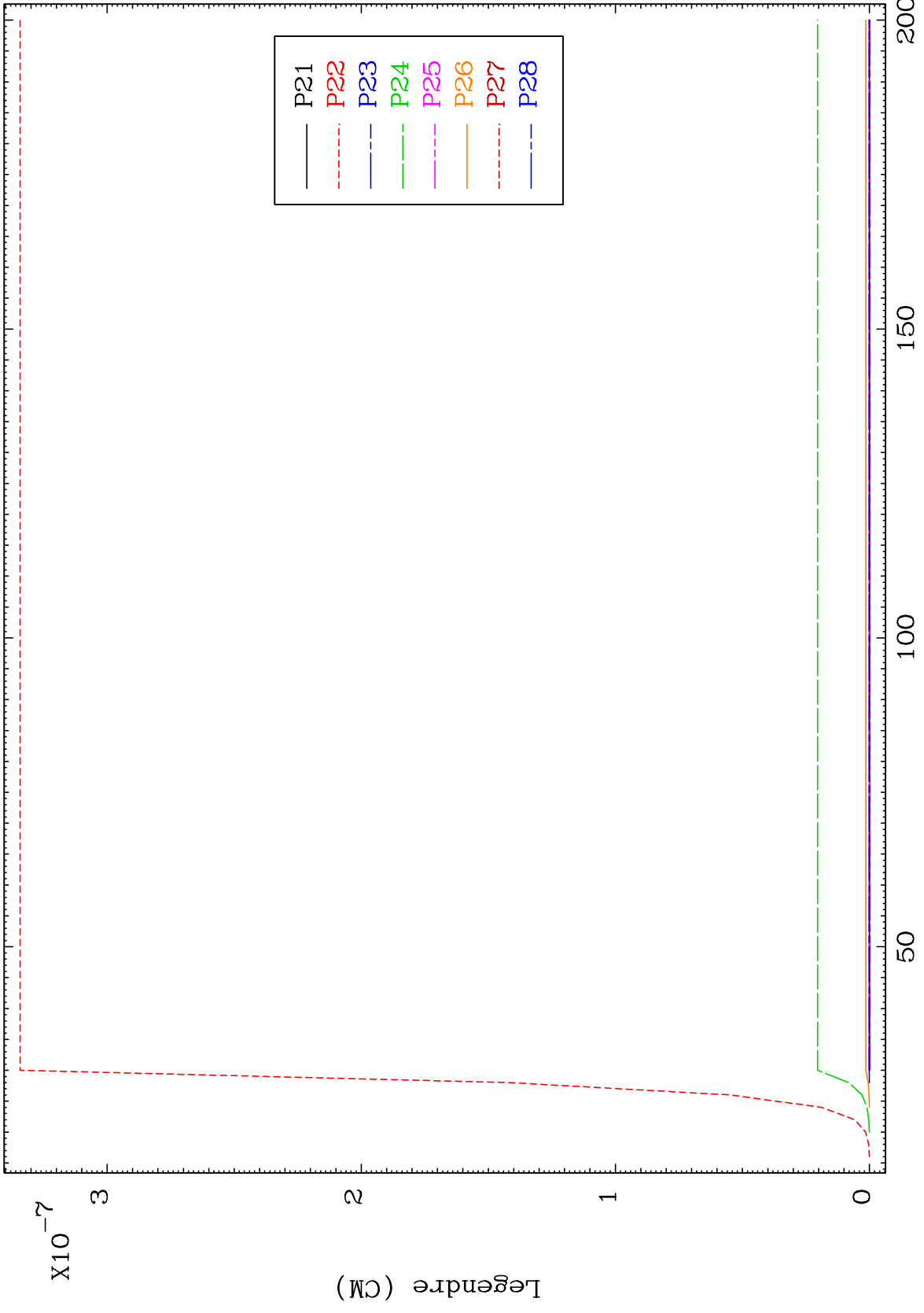


55-Cs-128

MAT 5510 MT= 57 (n,n') Level Legendre Coefficients 55-Cs-128



MAT 5510 MT= 57 (n,n') Level Legendre Coefficients 55-Cs-128

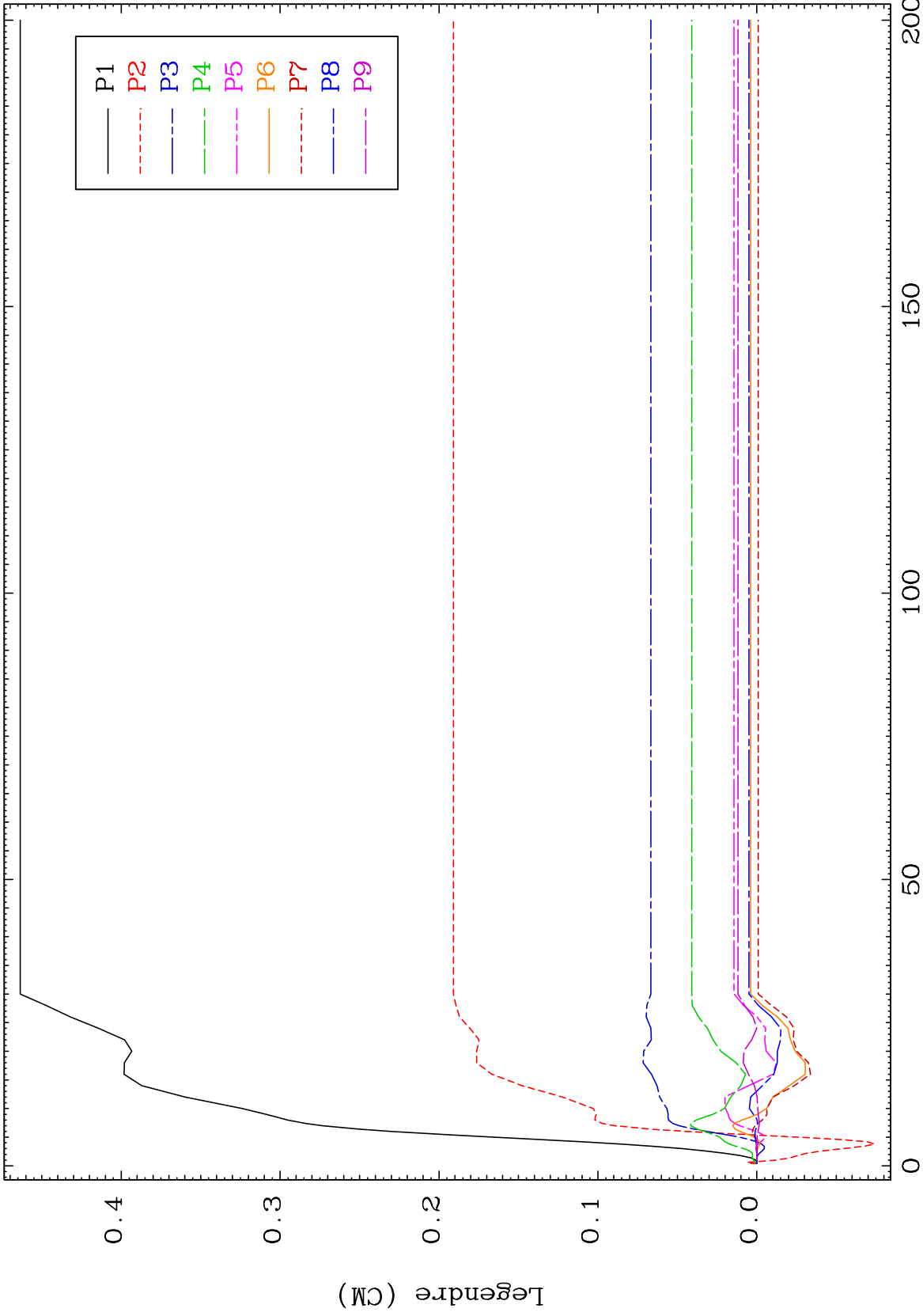


42 50 100 150 200 55-Cs-128

MAT 5510

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

55-Cs-128



43

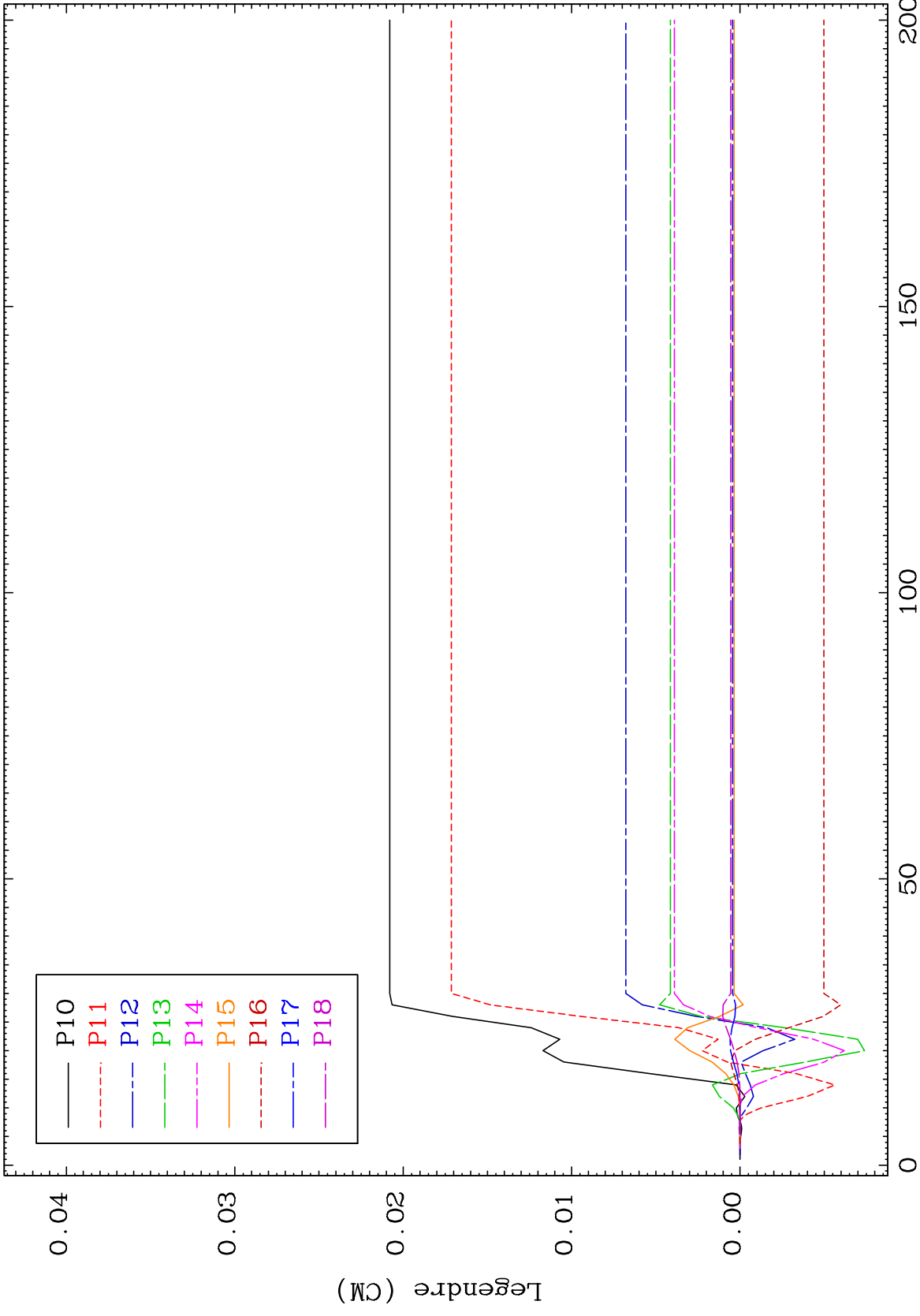
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



44

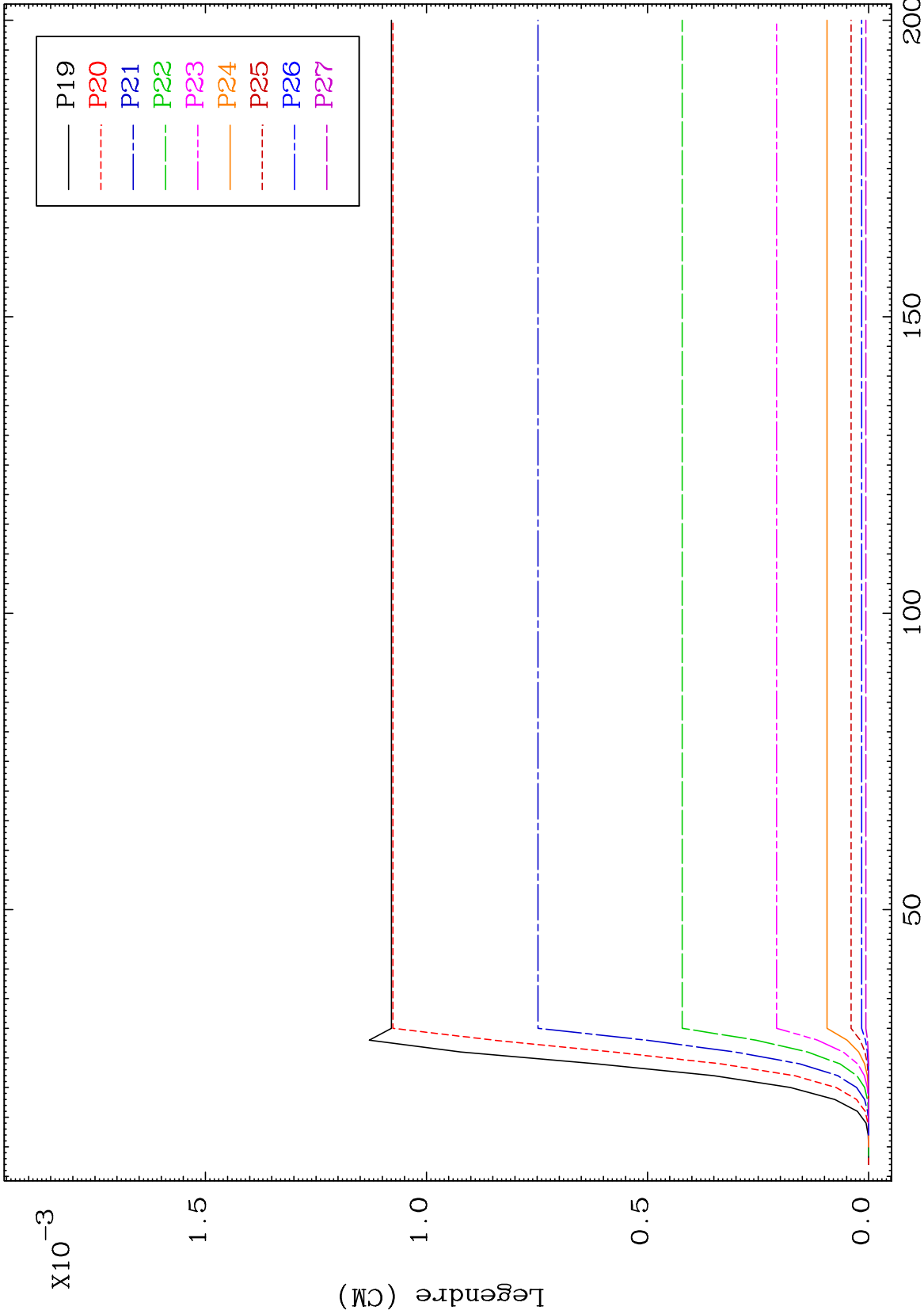
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



45

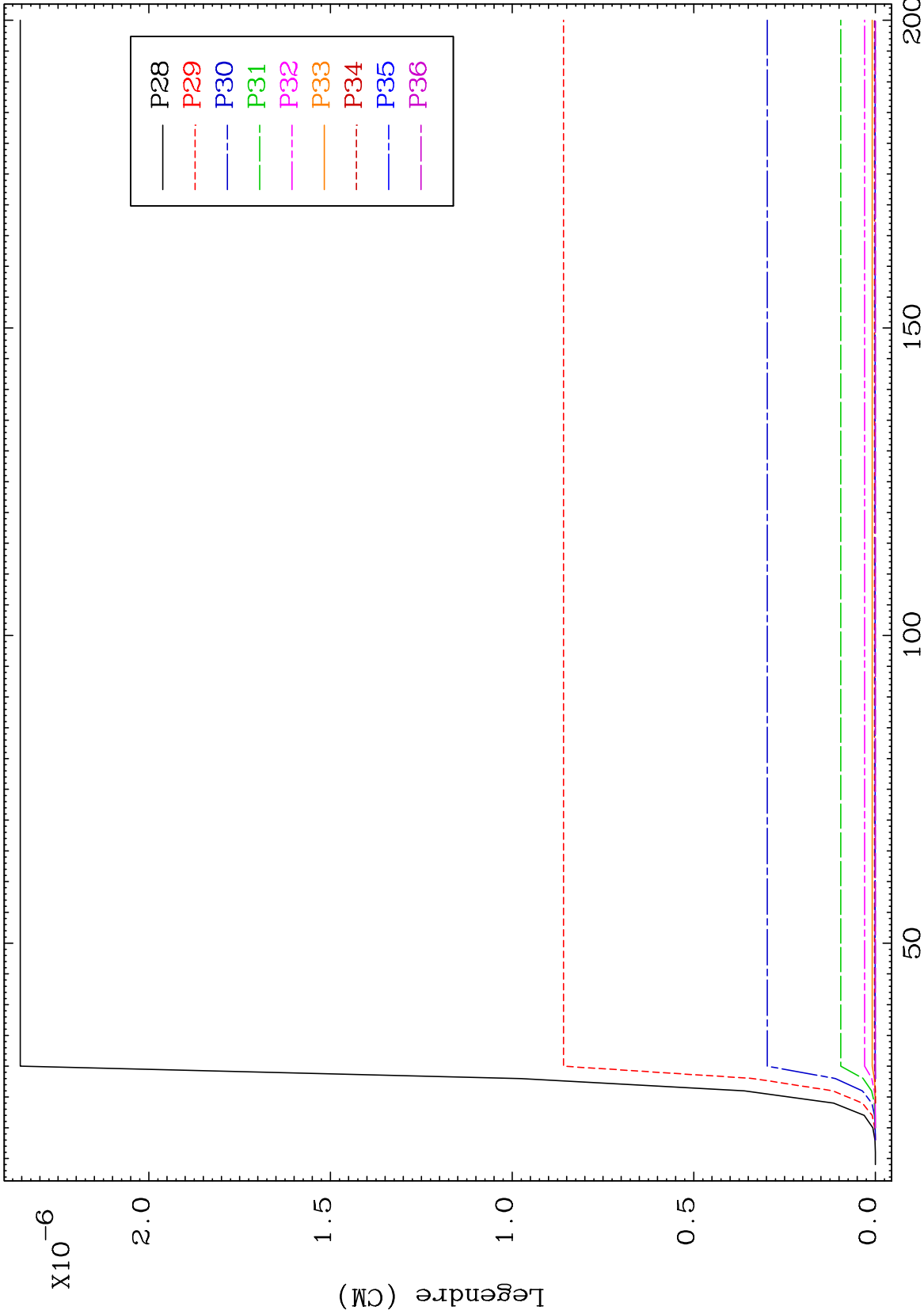
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



46

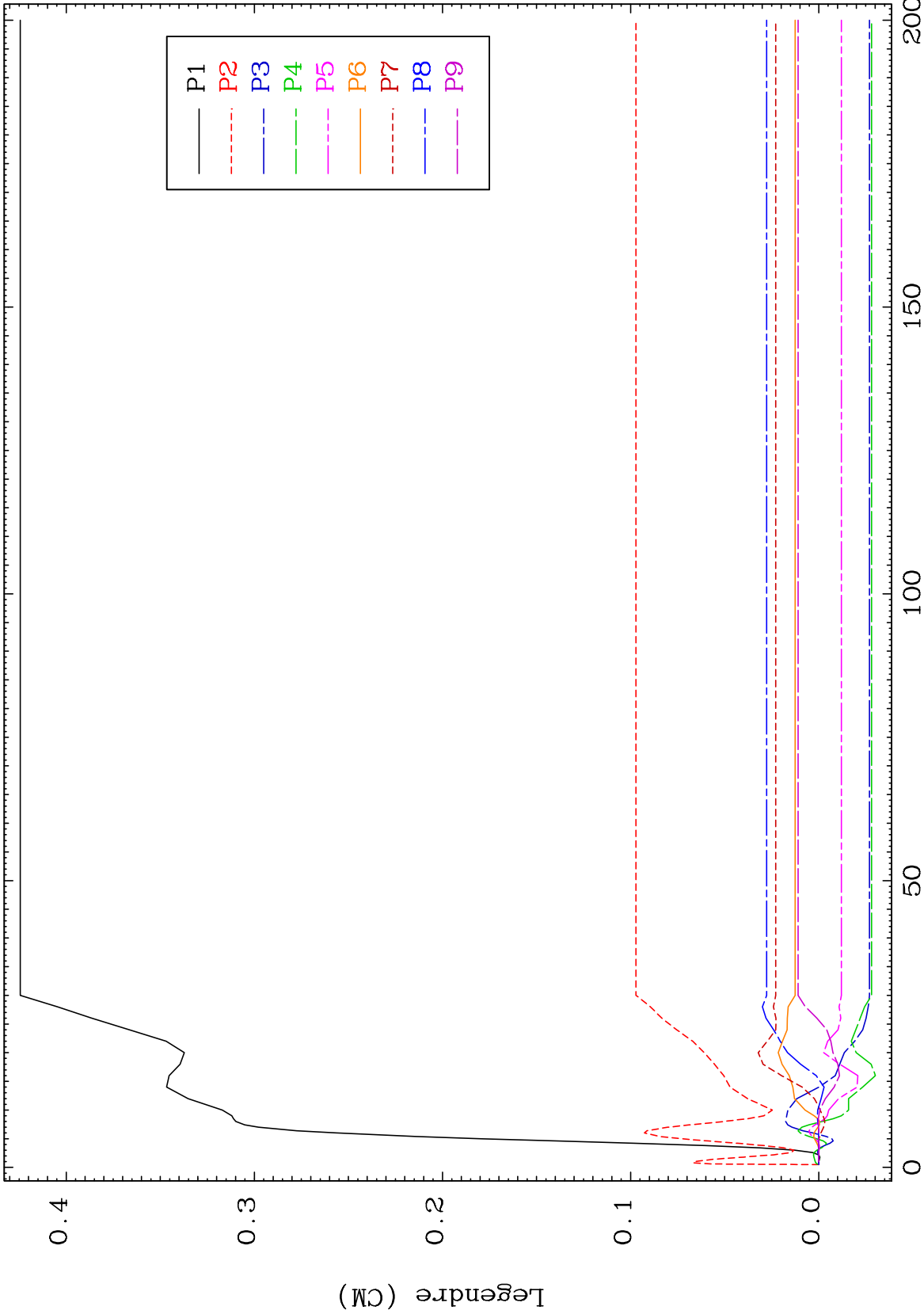
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



47

Incident Energy (MeV)

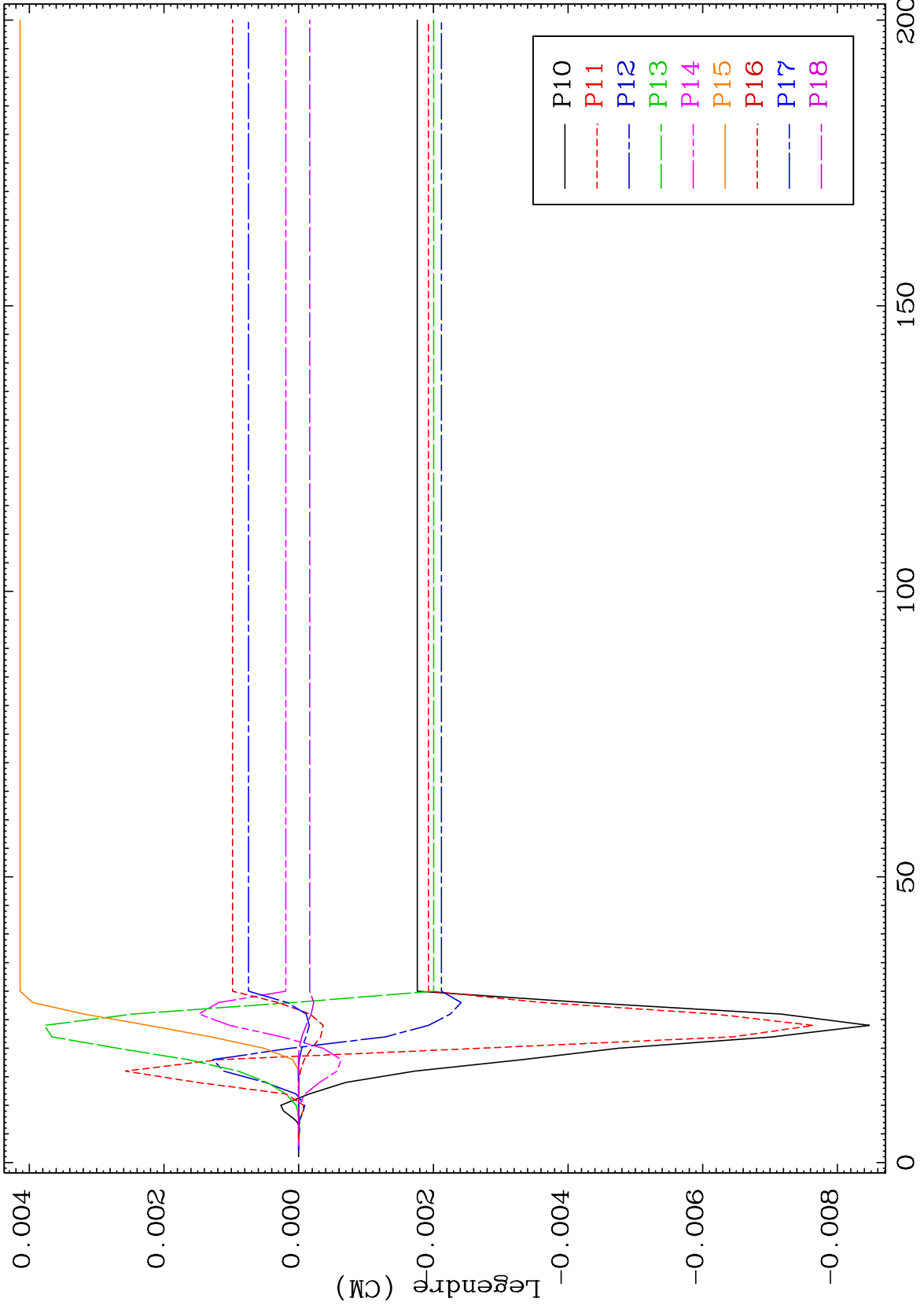
55-Cs-128

MAT 5510 MT= 59 (n,n') Level Legendre Coefficients

55-Cs-128

48

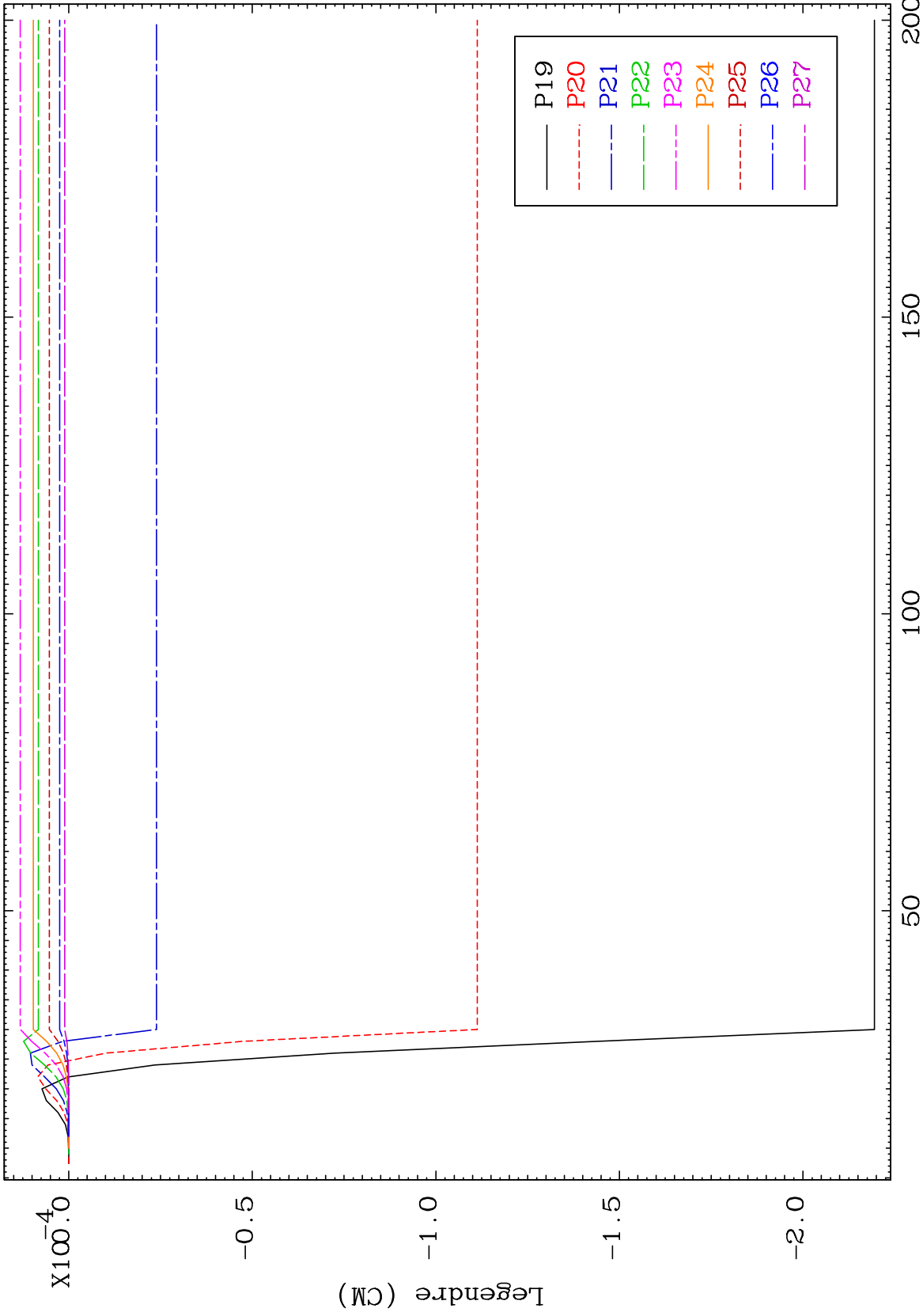
55-Cs-128



MAT 5510

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

55-Cs-128



55-Cs-128

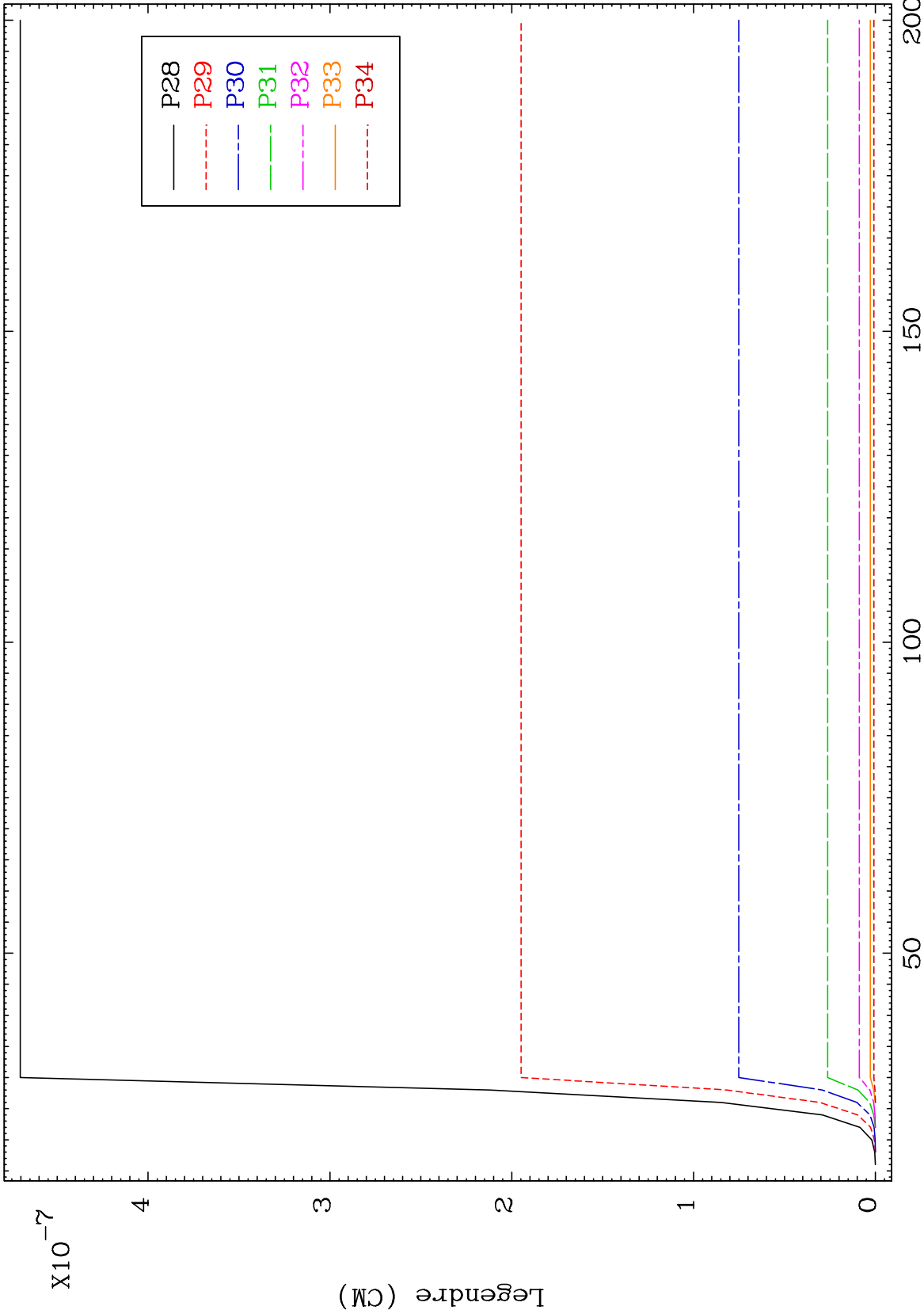
Incident Energy (MeV)

49

MAT 5510

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

55-Cs-128

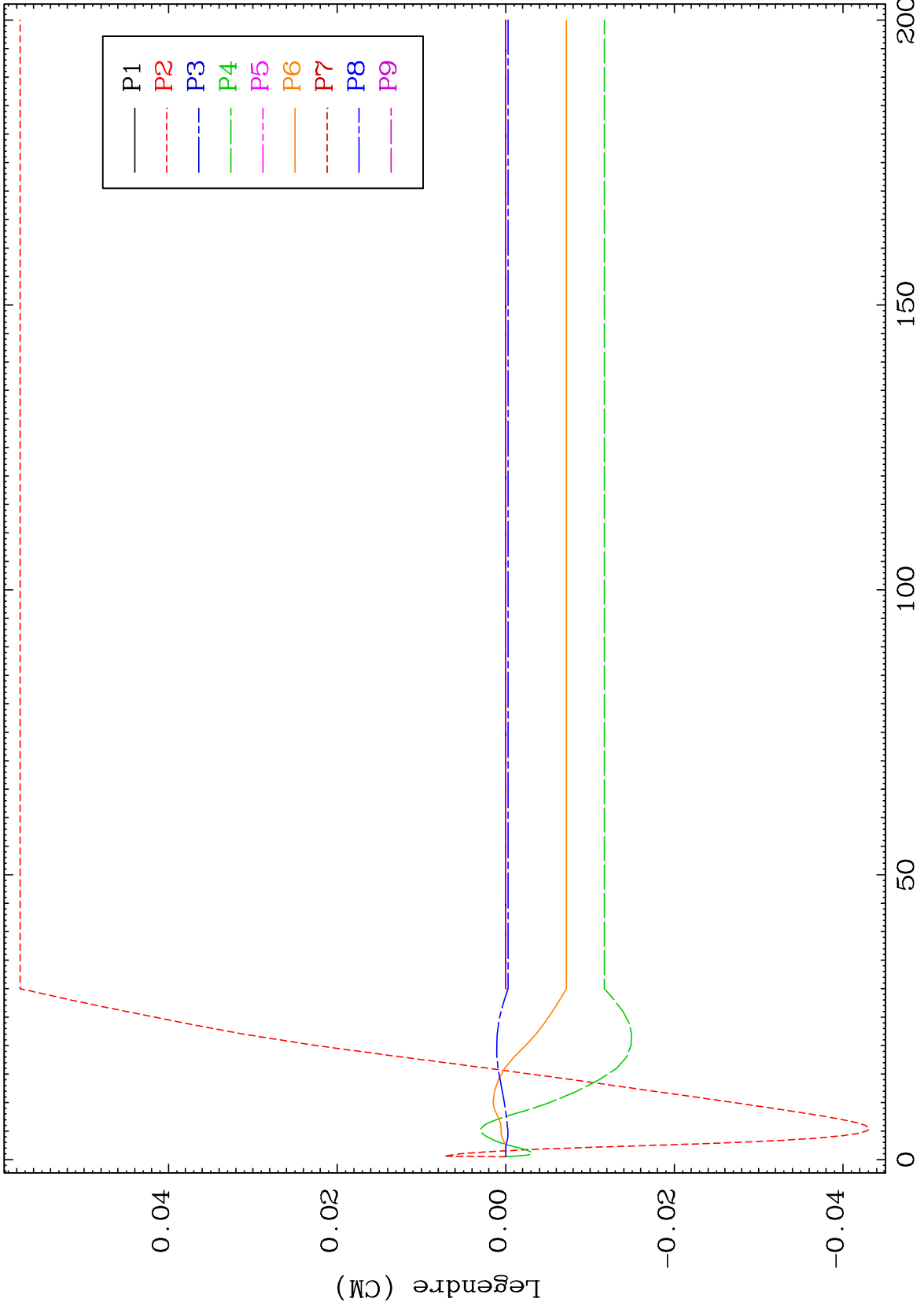


50

Incident Energy (MeV)

55-Cs-128

MAT 5510 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-128

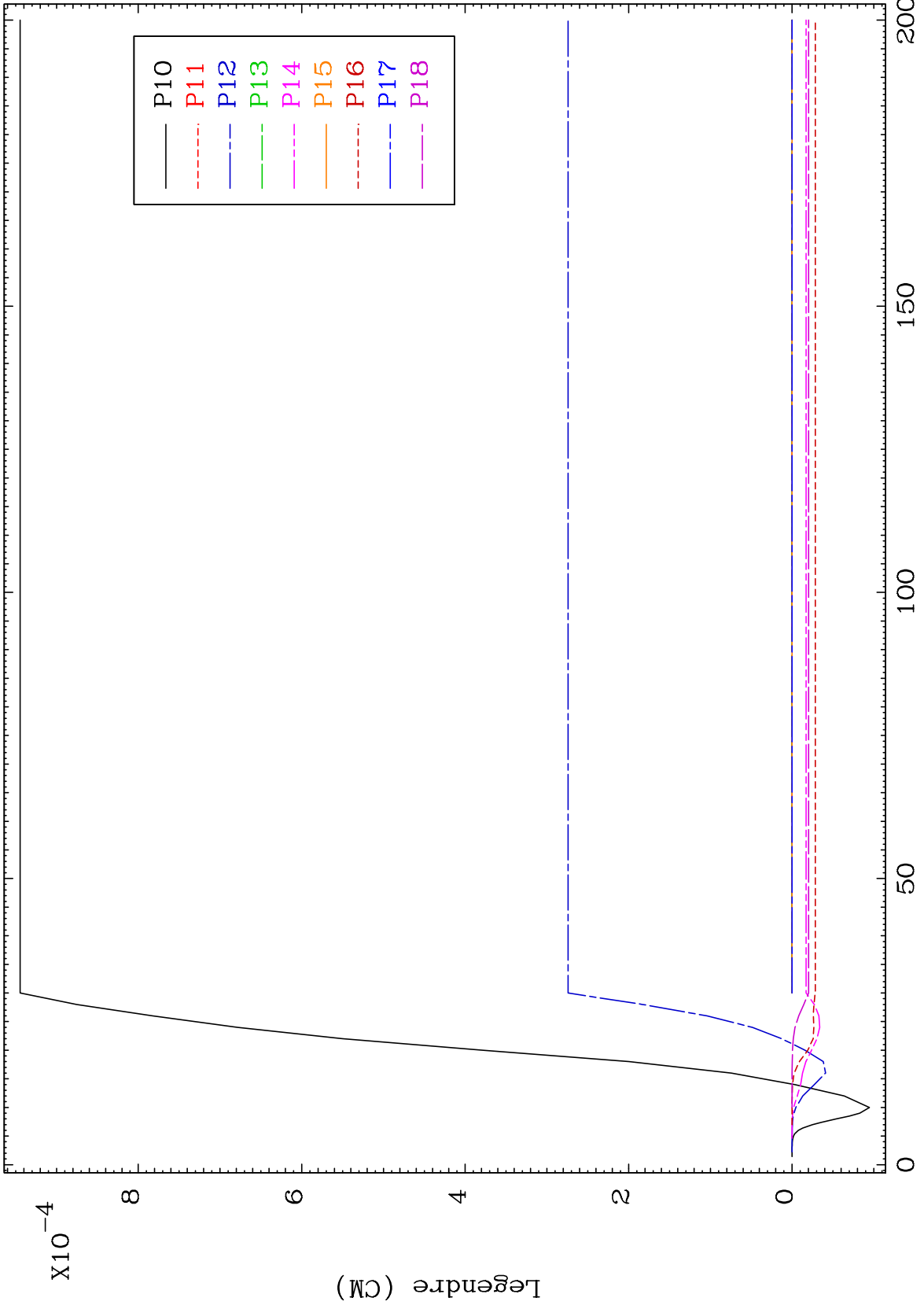


51 55-Cs-128

MAT 5510

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

55-Cs-128

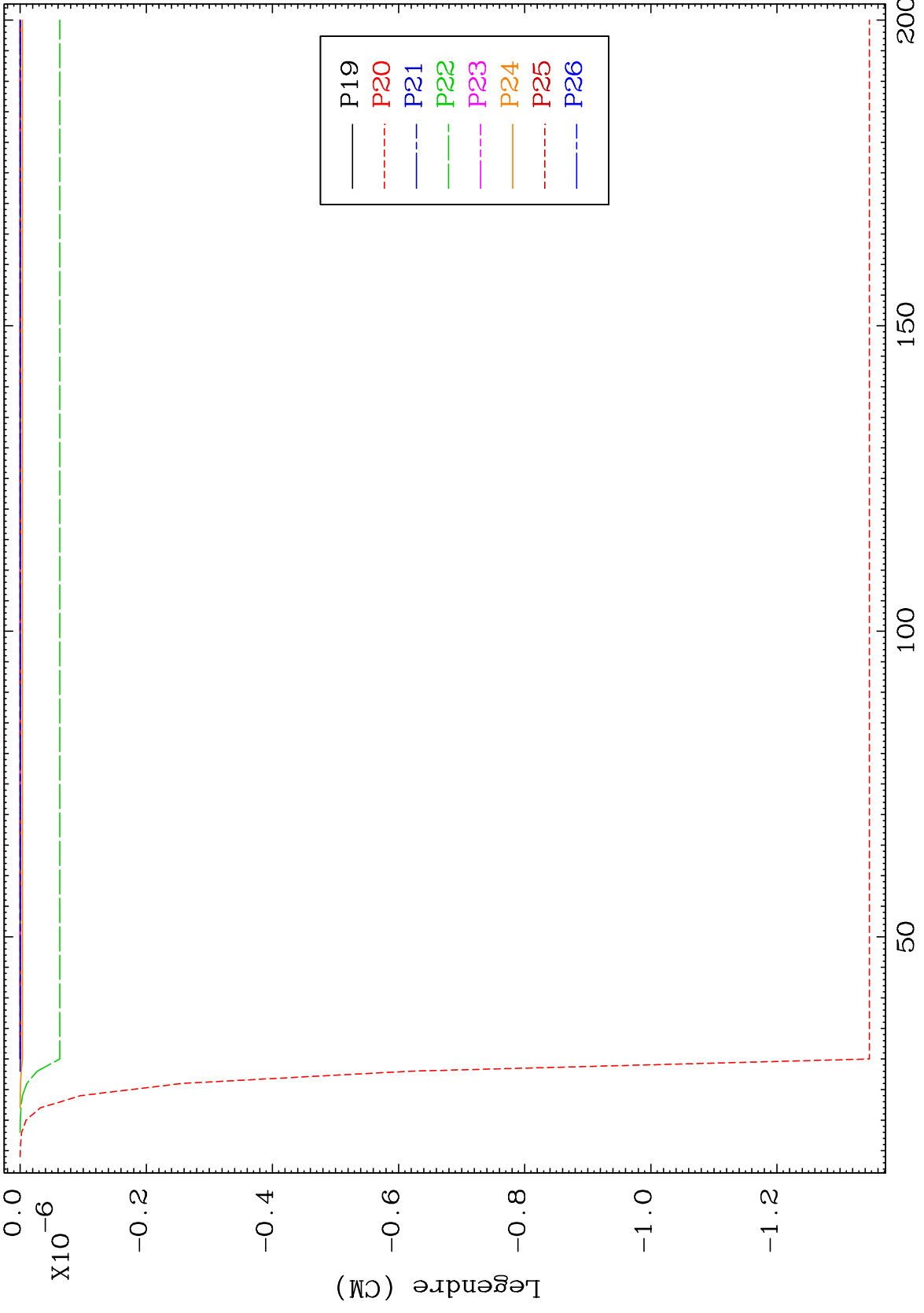


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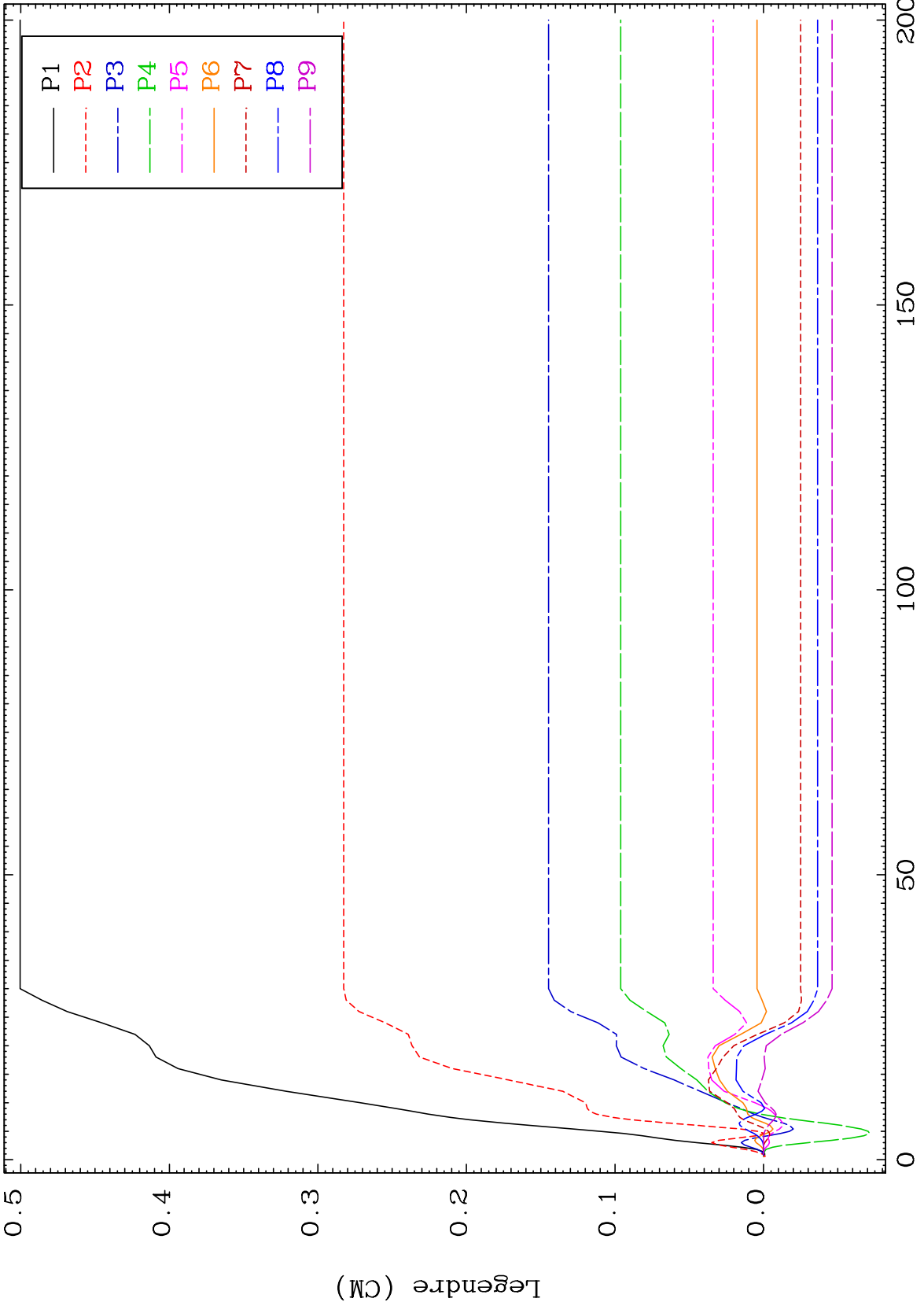
Incident Energy (MeV)

55-Cs-128

MAT 5510 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-128

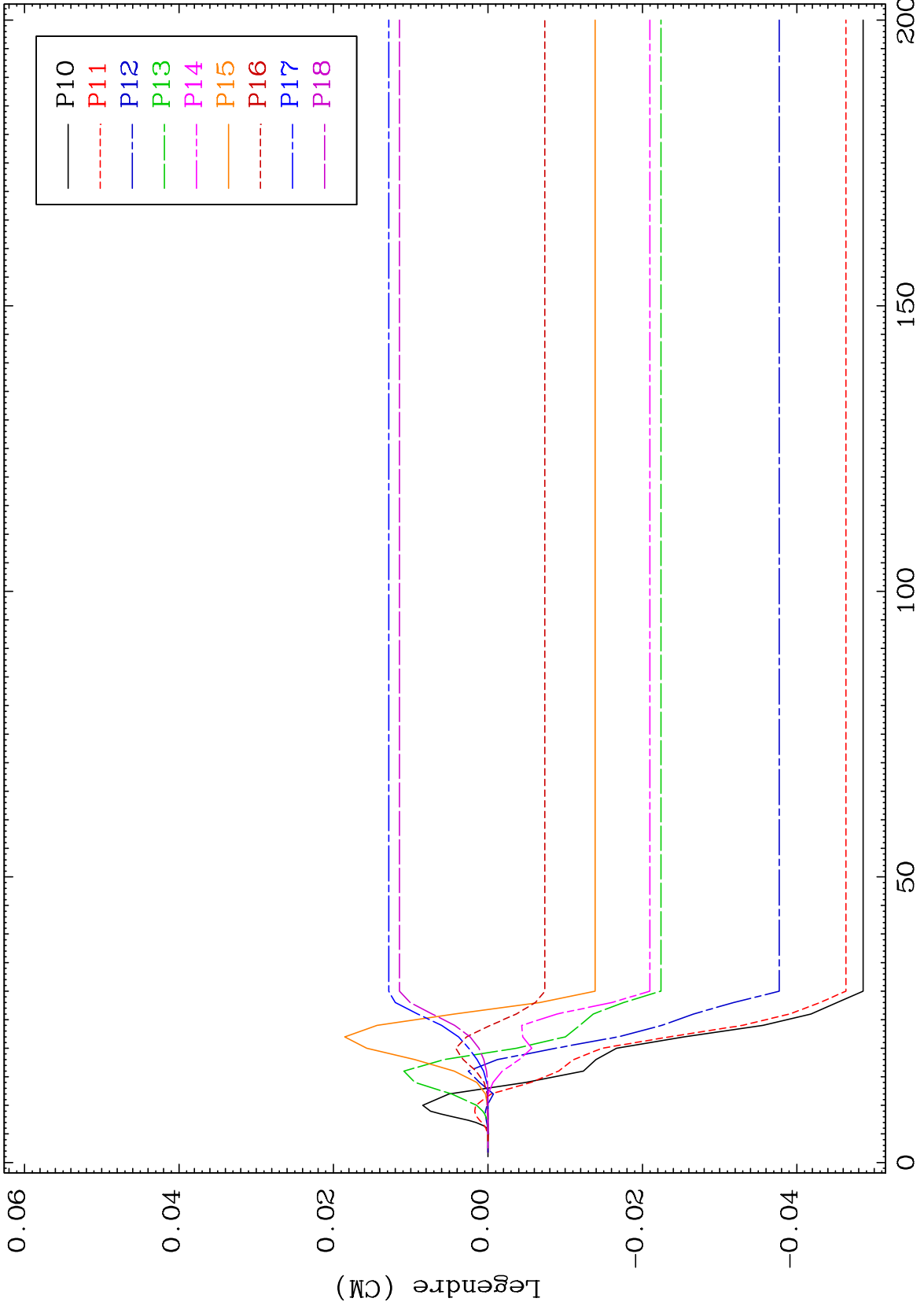


MAT 5510 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-128



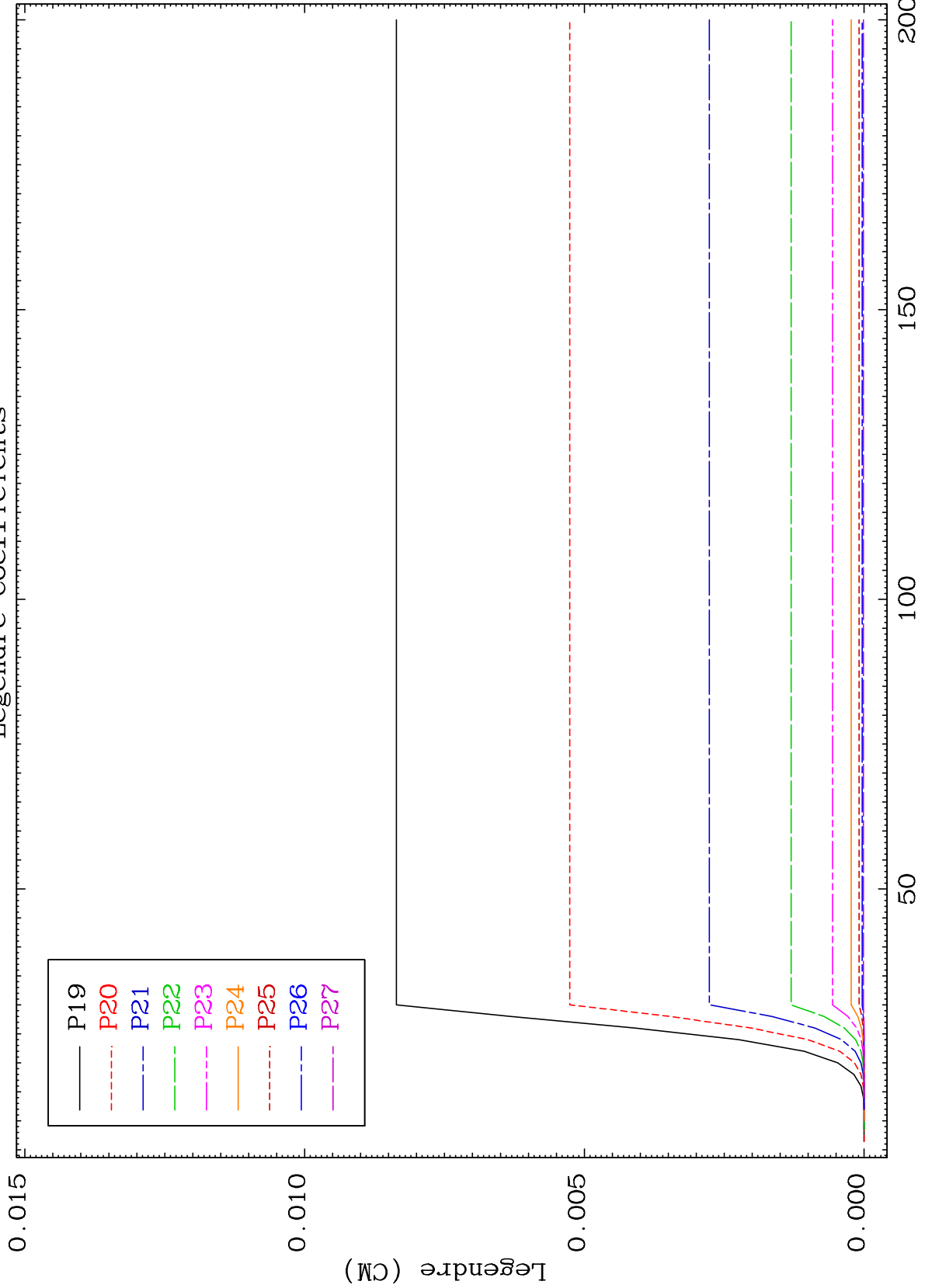
54 55-Cs-128

MAT 5510 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-128



55-Cs-128

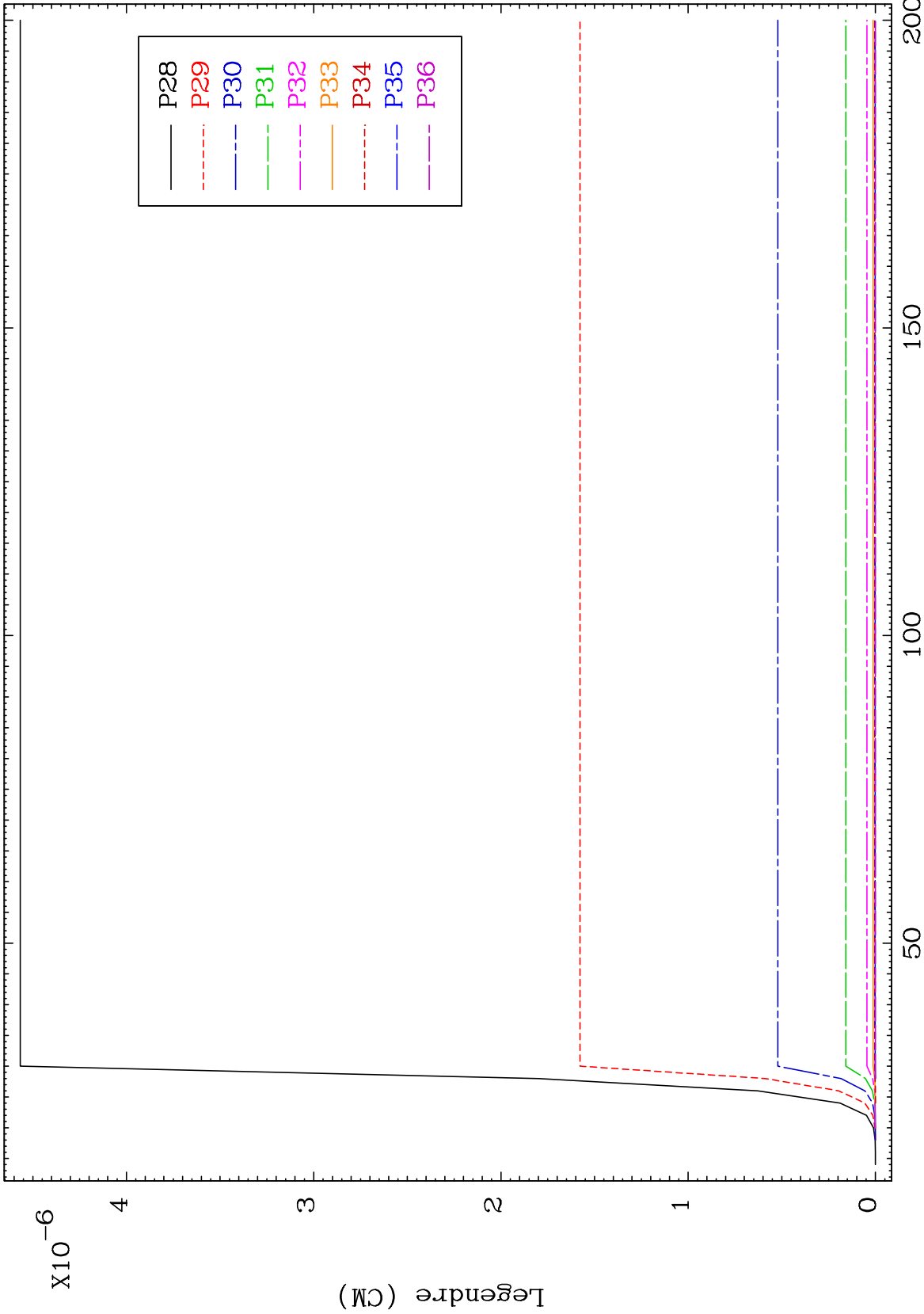
MAT 5510 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-128



MAT 5510

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

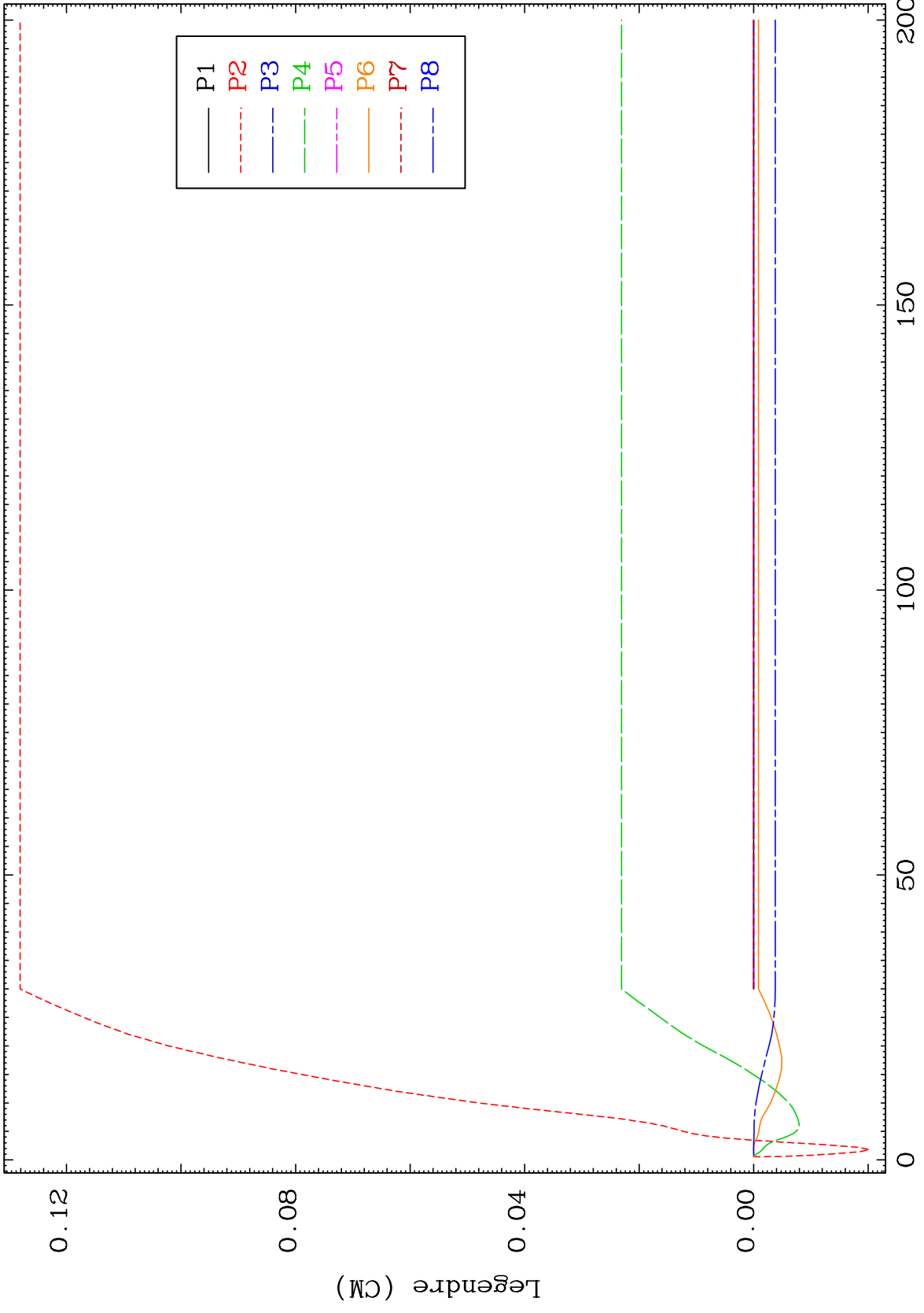
55-Cs-128



57

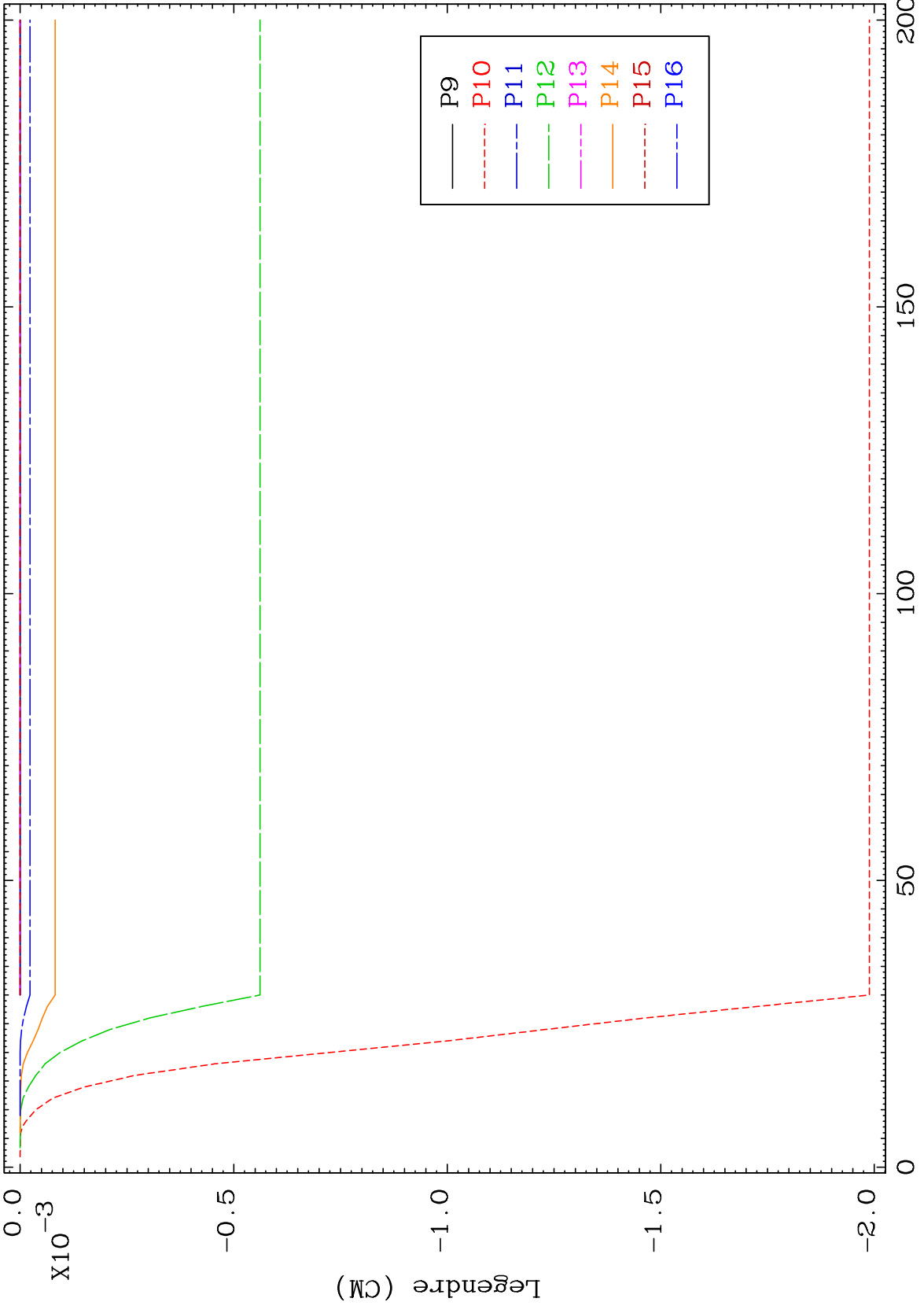
55-Cs-128

MAT 5510 MT= 62 (n,n') Level Legendre Coefficients 55-Cs-128



55-Cs-128 Incident Energy (MeV) 58

MAT 5510 MT= 62 (n,n') Level Legendre Coefficients 55-Cs-128

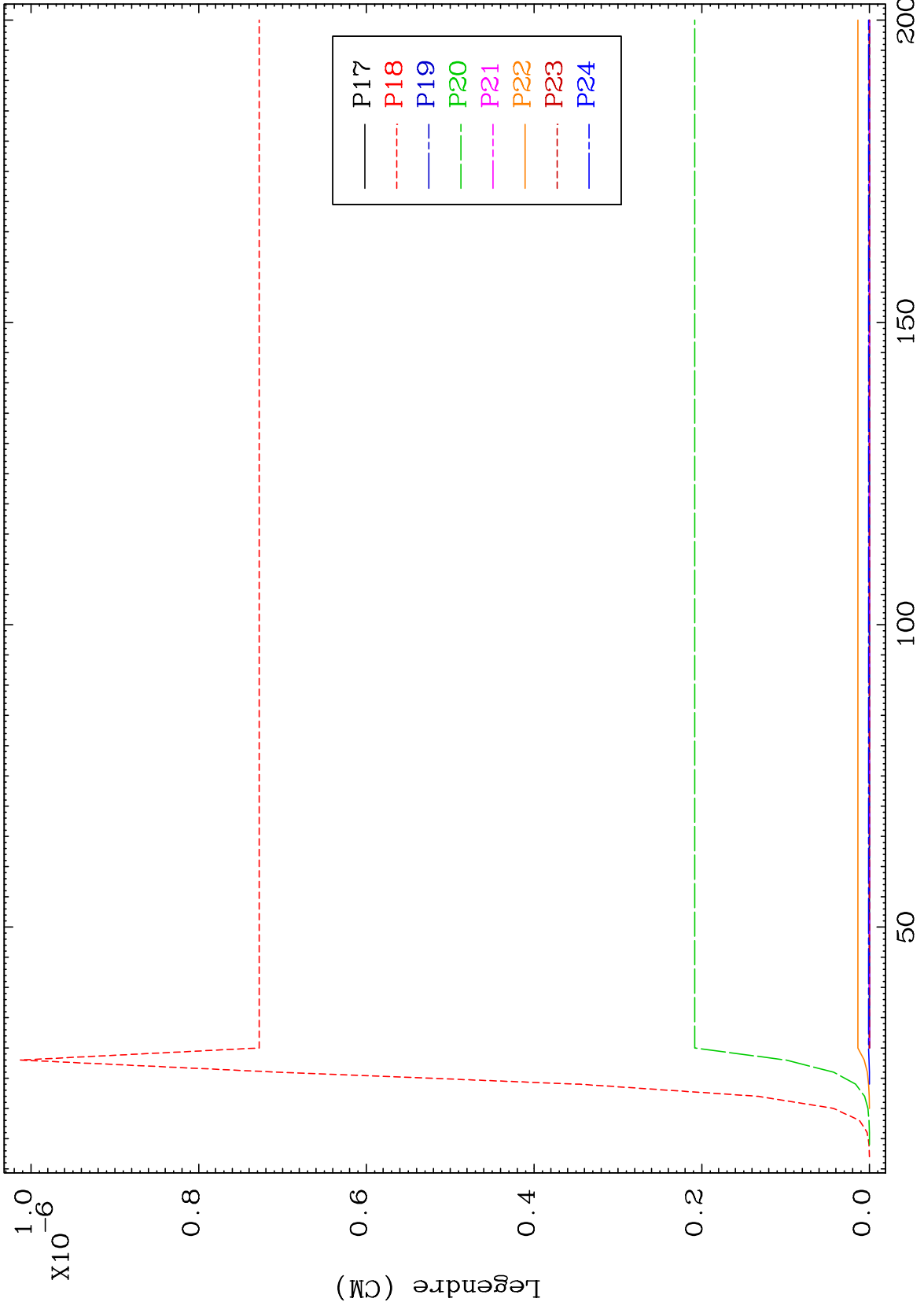


59 55-Cs-128

MAT 5510

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

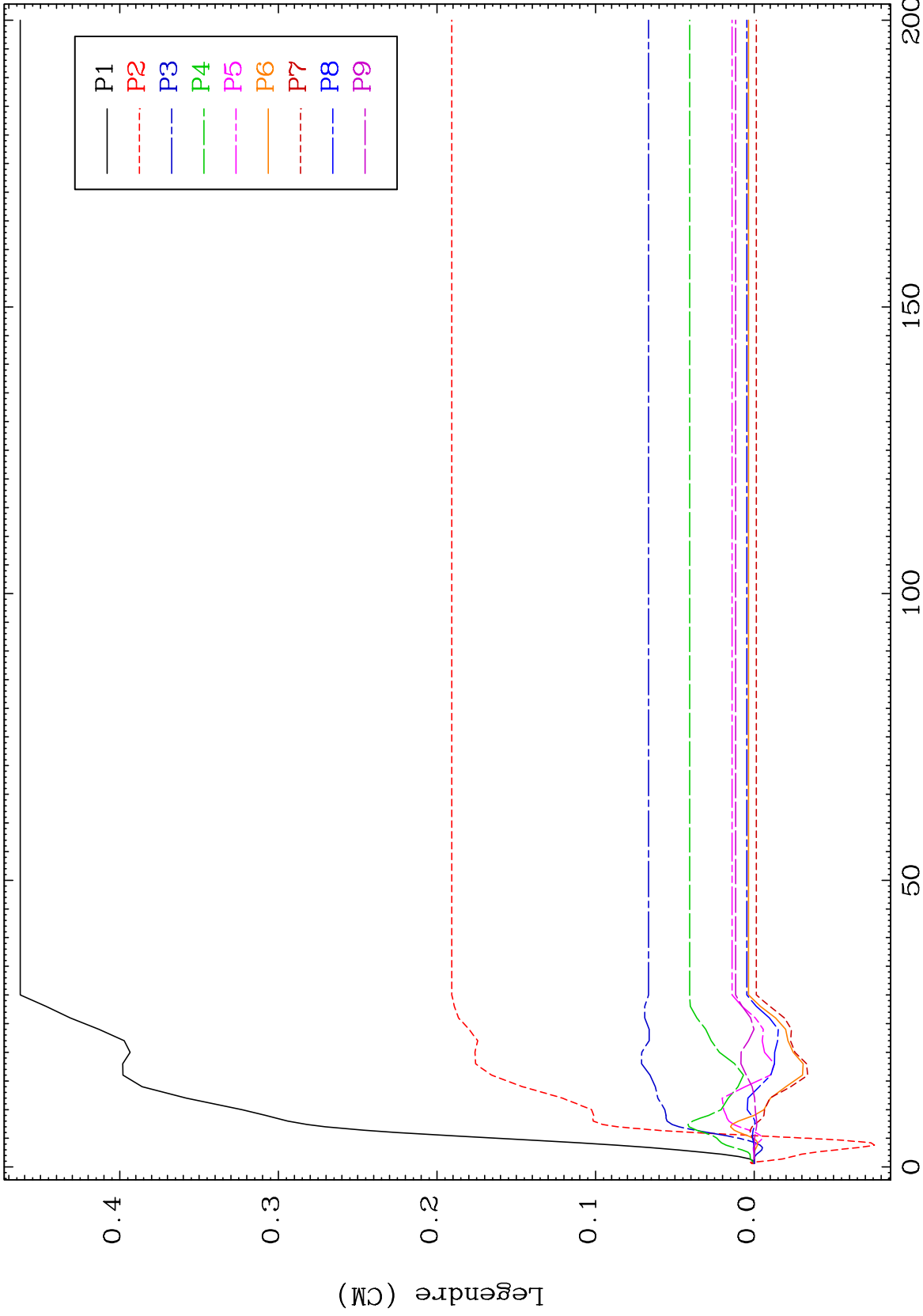
55-Cs-128



MAT 5510

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

55-Cs-128



61

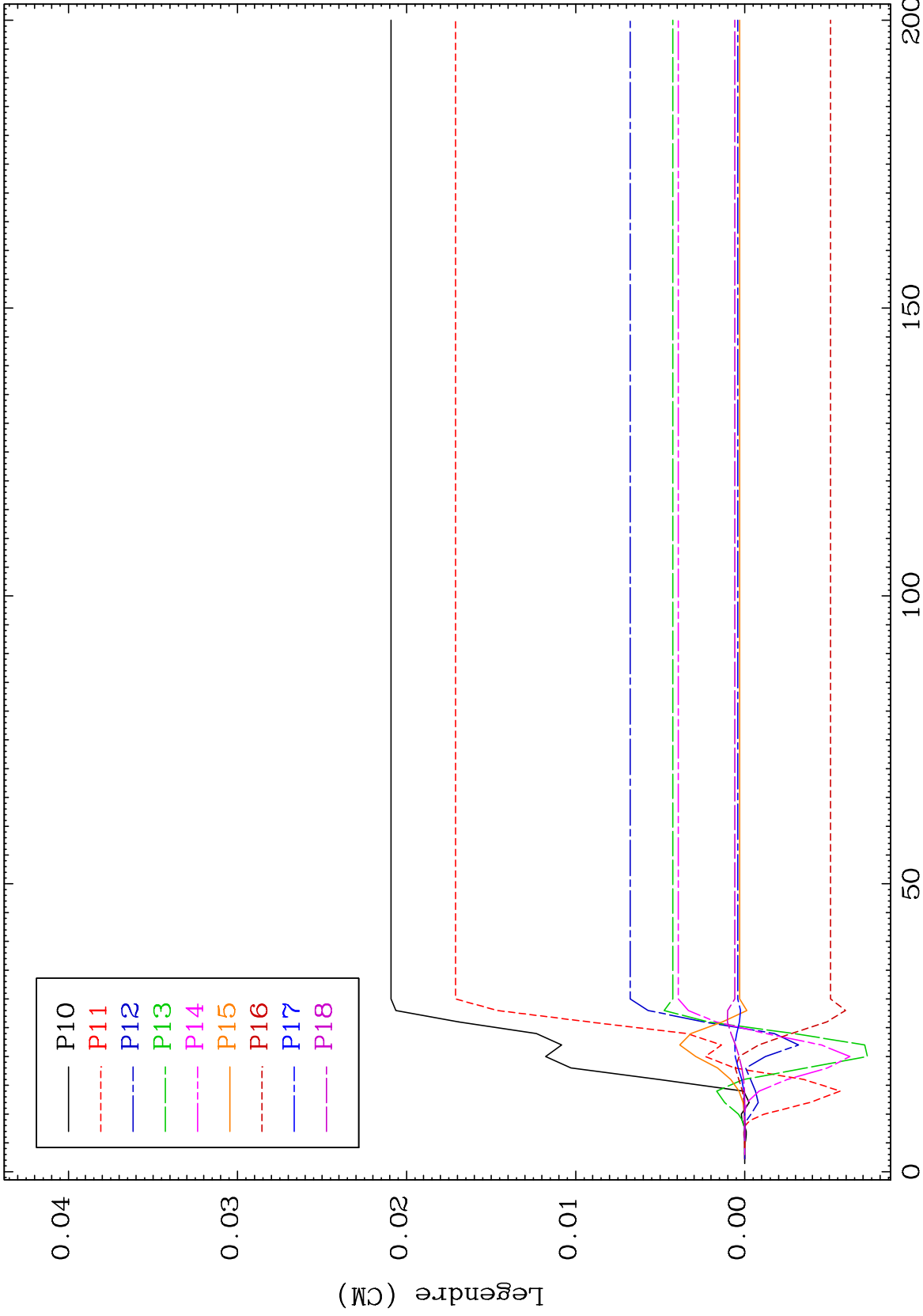
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



62

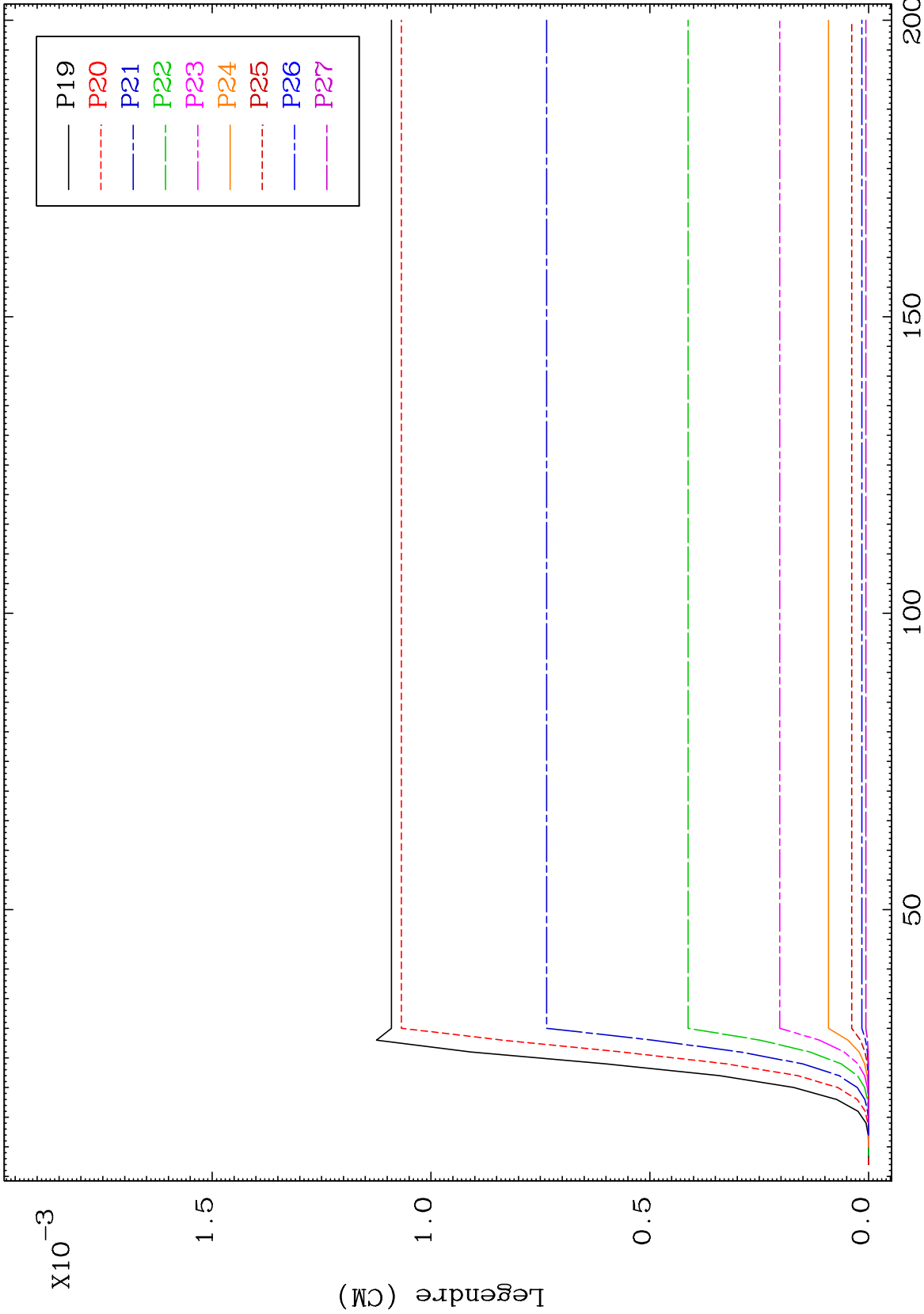
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



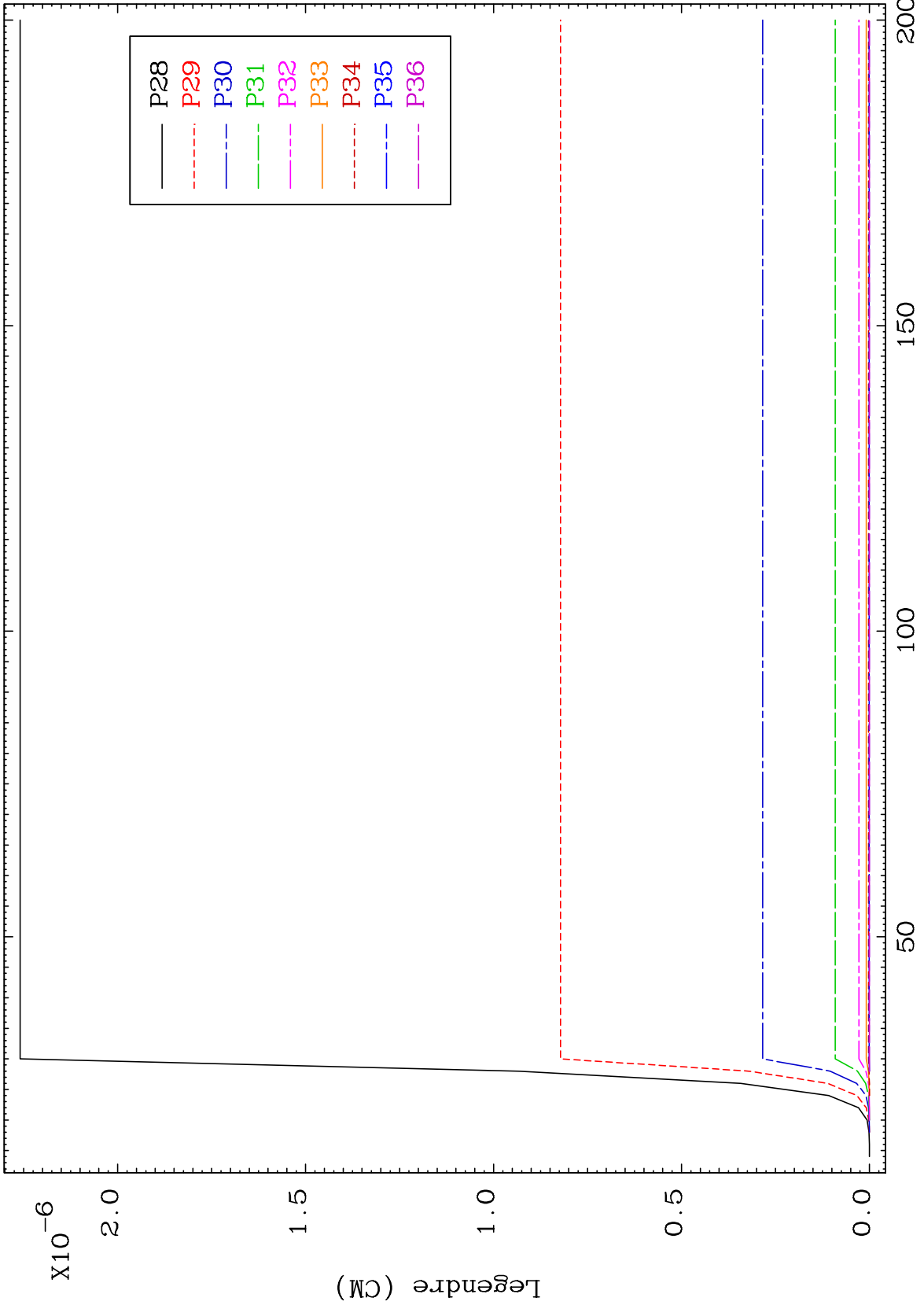
63

55-Cs-128

MAT 5510

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

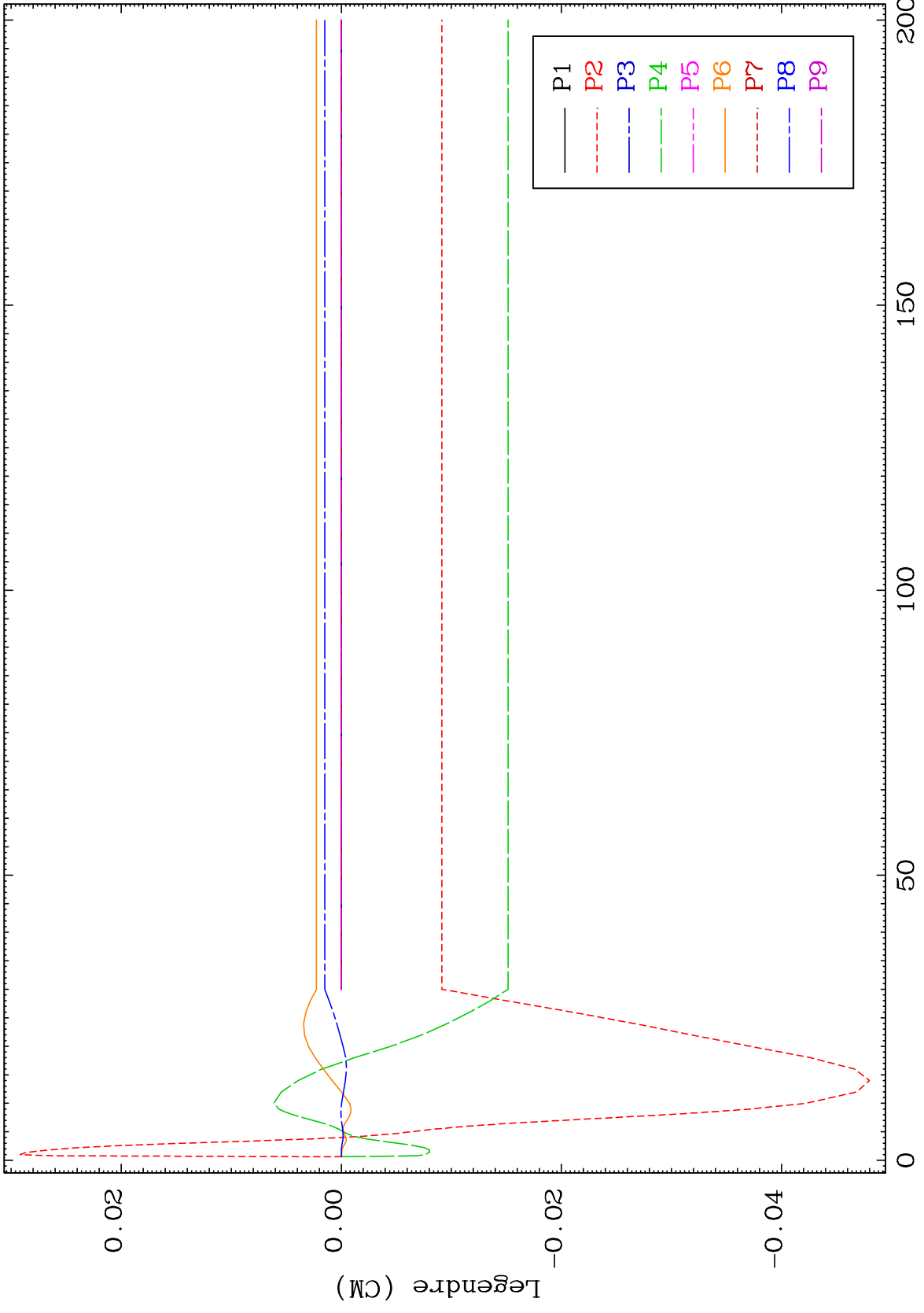
55-Cs-128



64

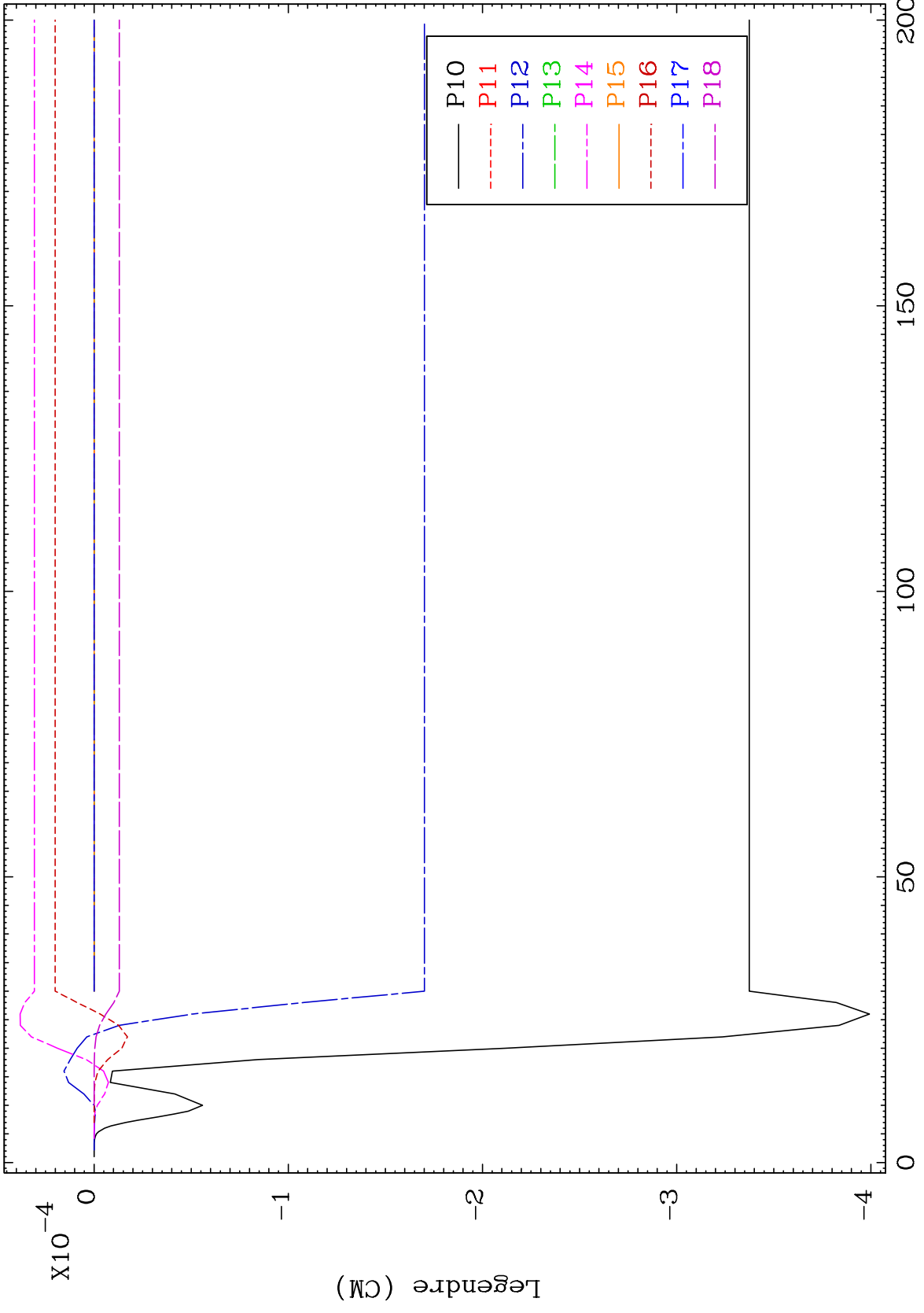
55-Cs-128

MAT 5510 MT= 64 (n,n') Level Legendre Coefficients 55-Cs-128



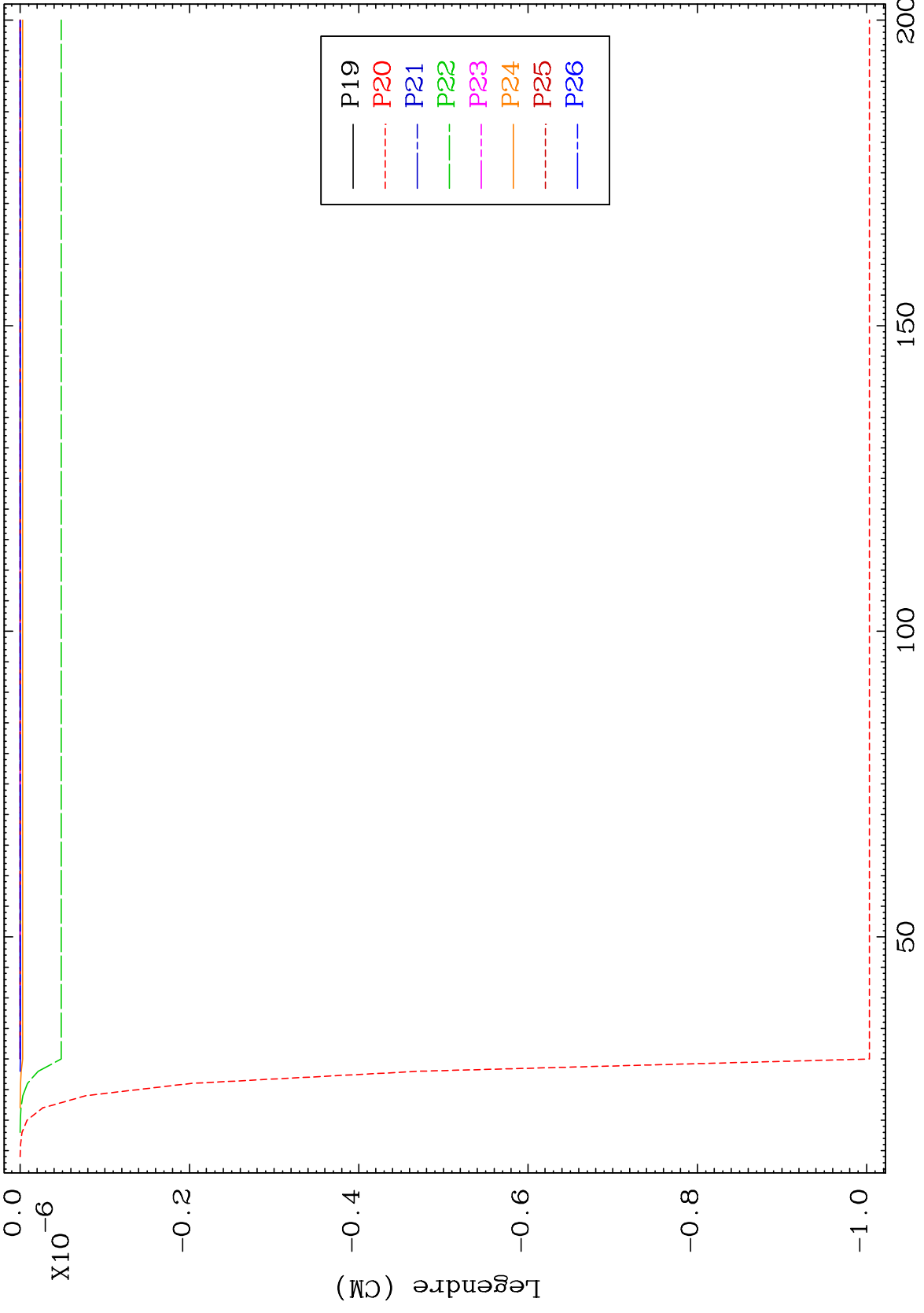
65 Incident Energy (MeV) 55-Cs-128

MAT 5510 MT= 64 (n,n') Level Legendre Coefficients 55-Cs-128



66 55-Cs-128

MAT 5510 MT= 64 (n,n') Level Legendre Coefficients 55-Cs-128

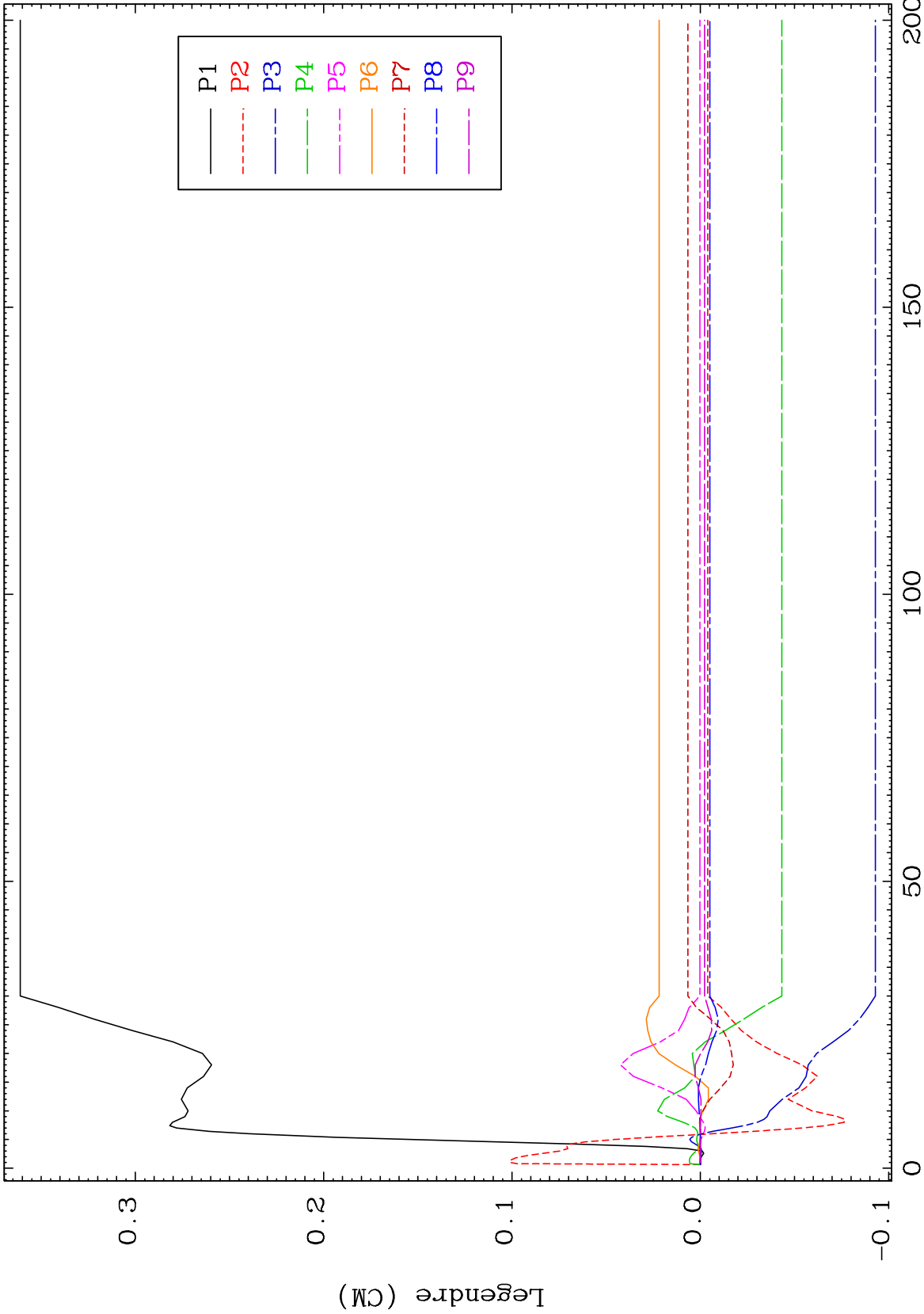


67 55-Cs-128

MAT 5510

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

55-Cs-128



68

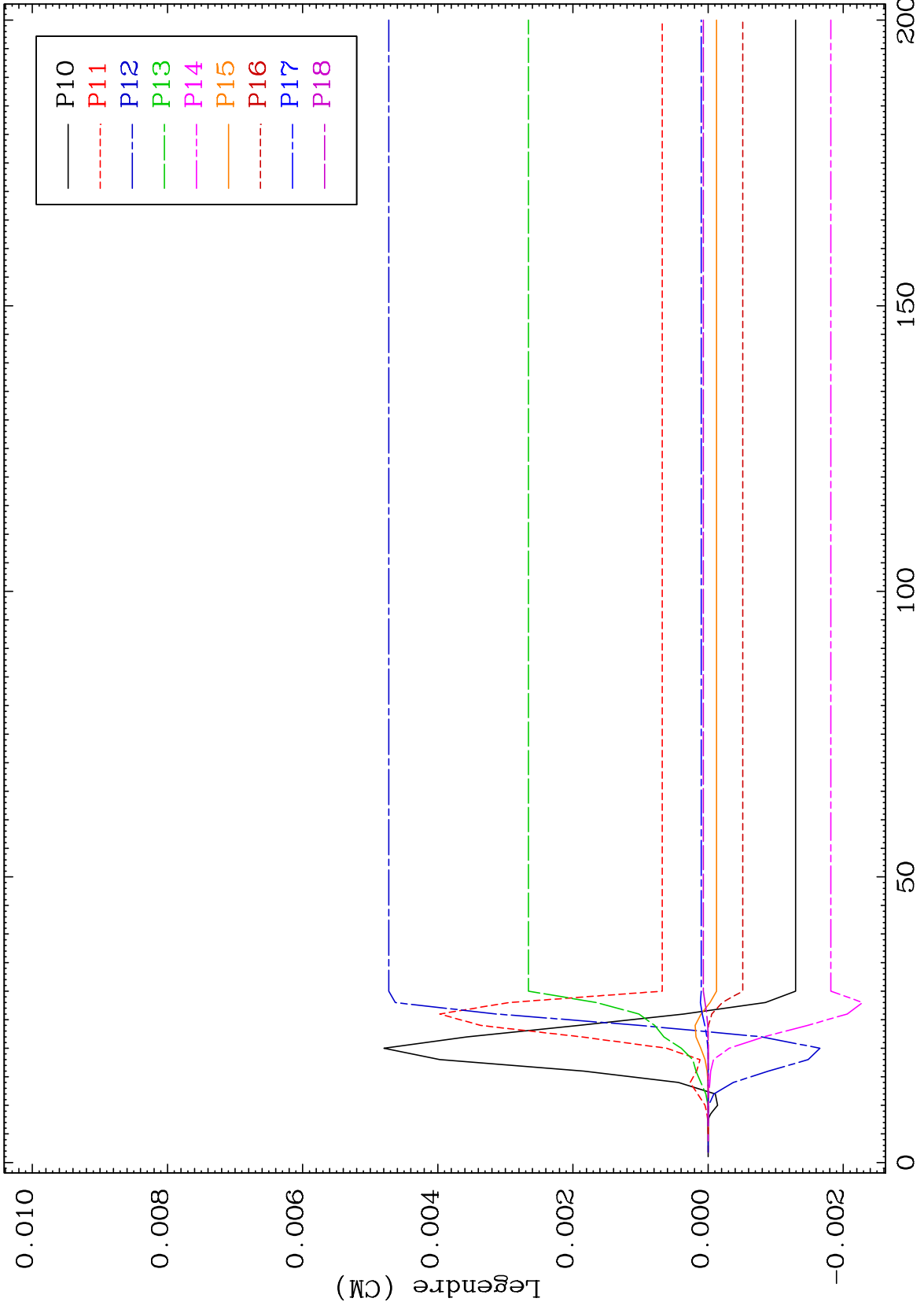
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



69

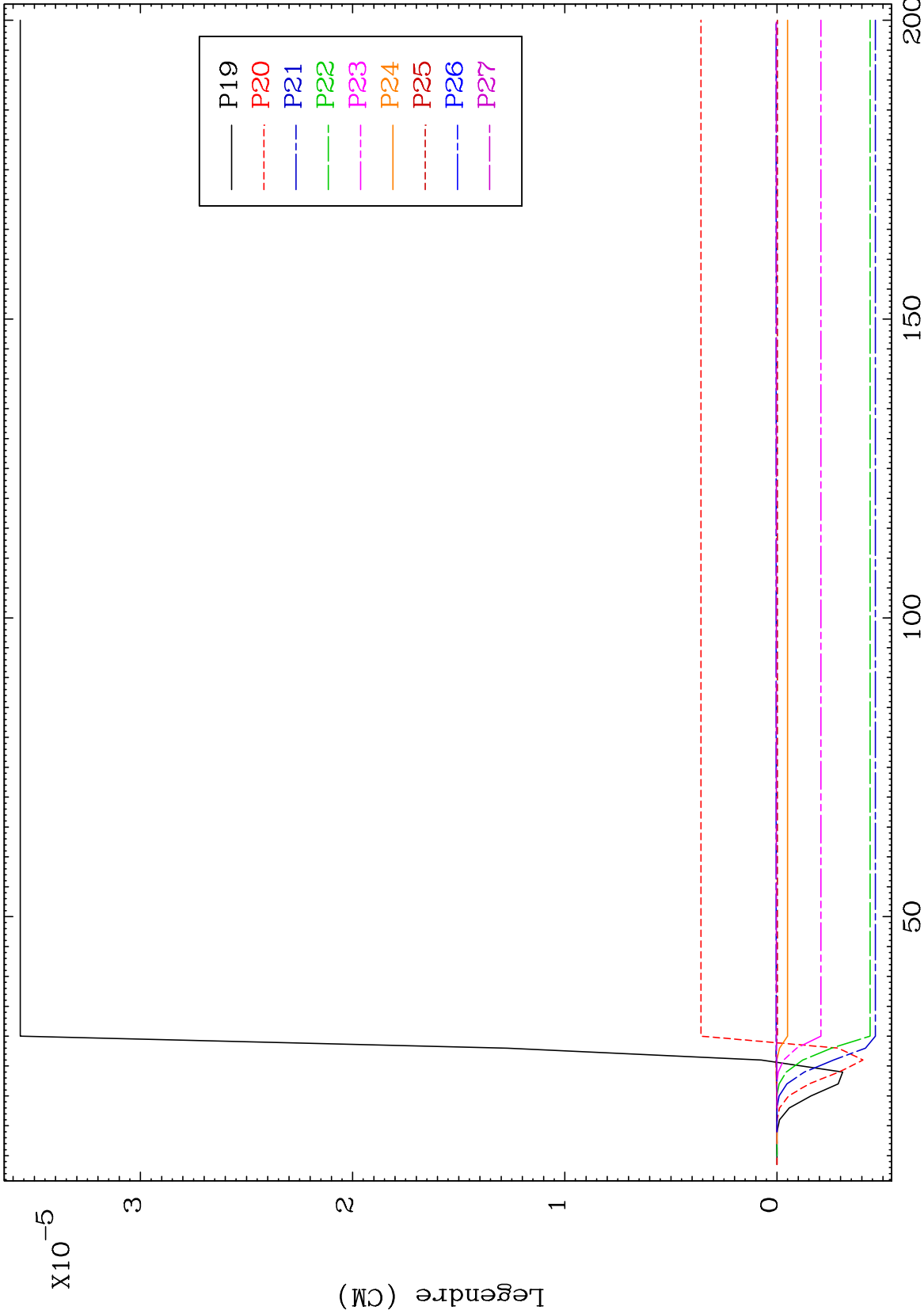
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

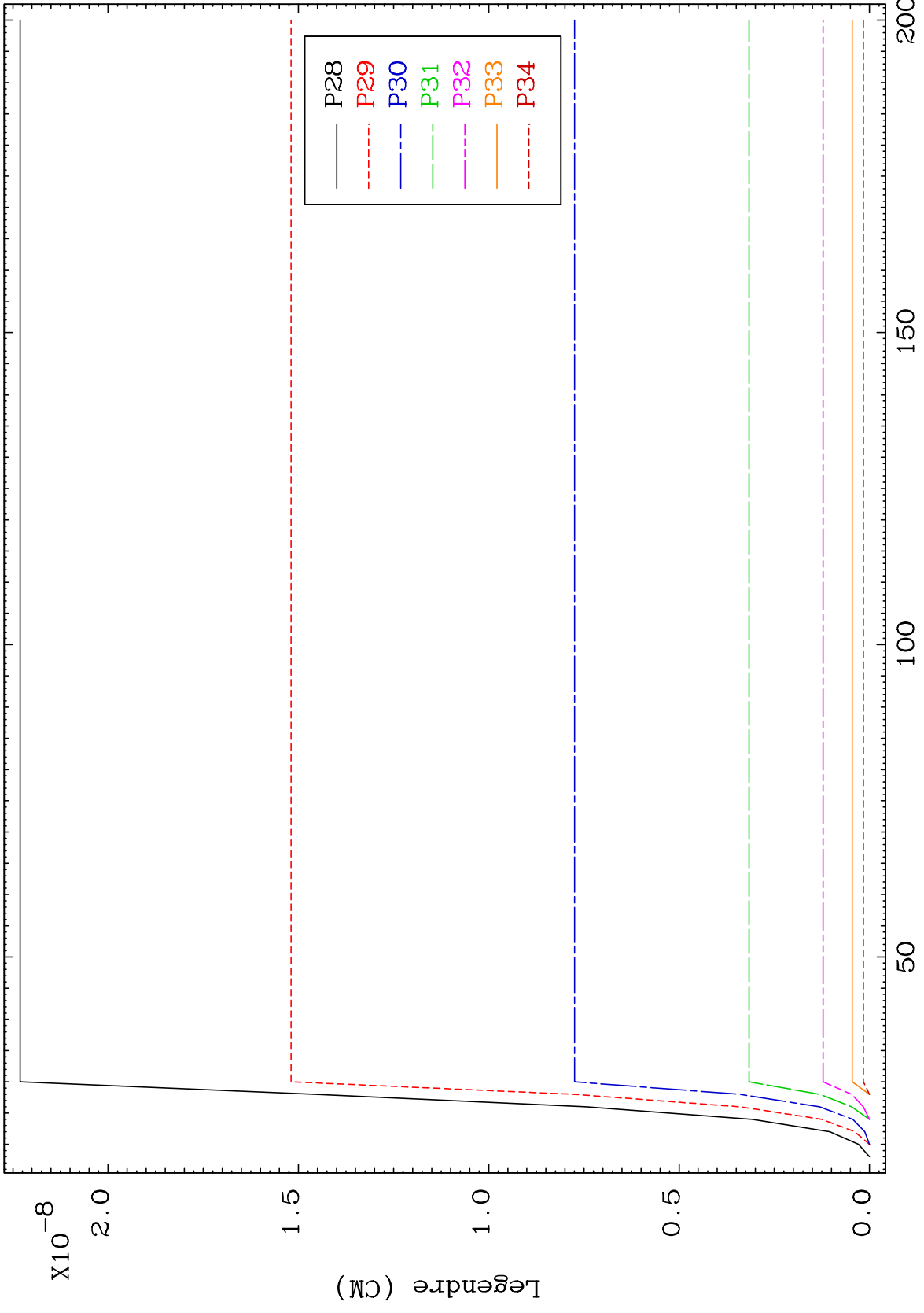
55-Cs-128



70

Incident Energy (MeV)

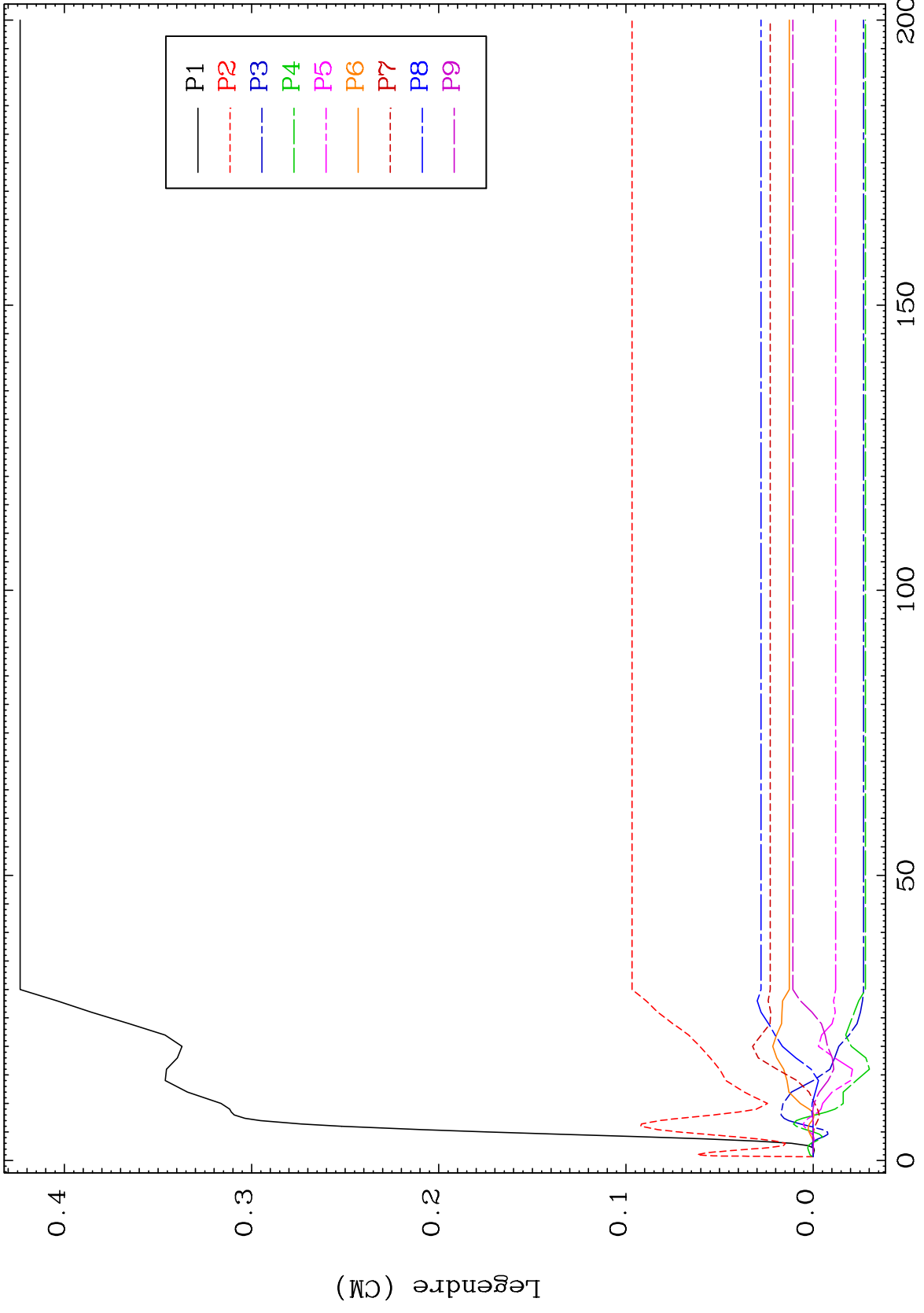
55-Cs-128



MAT 5510

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

55-Cs-128

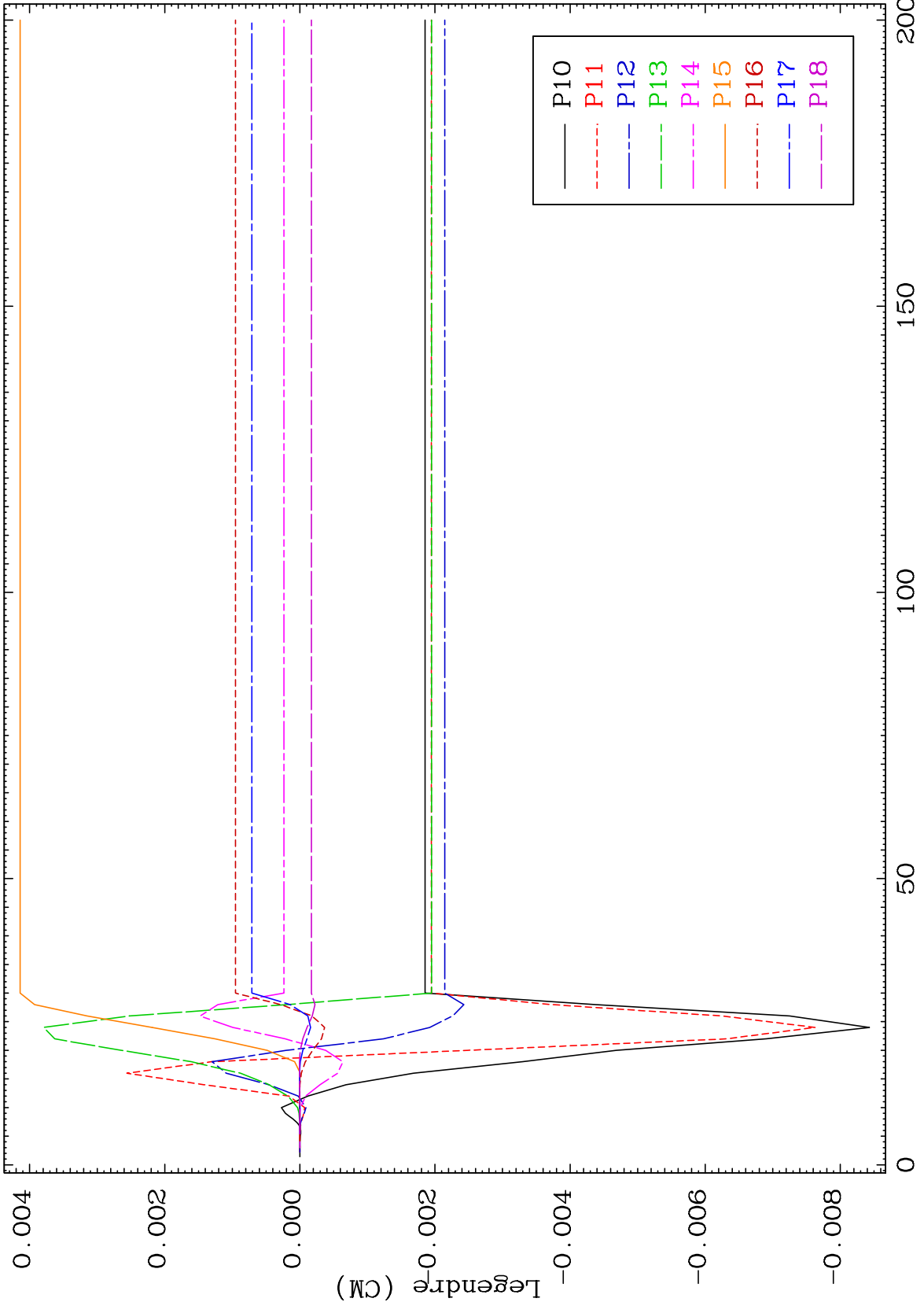


72

Incident Energy (MeV)

55-Cs-128

MAT 5510 MT= 66 (n,n') Level Legendre Coefficients 55-Cs-128

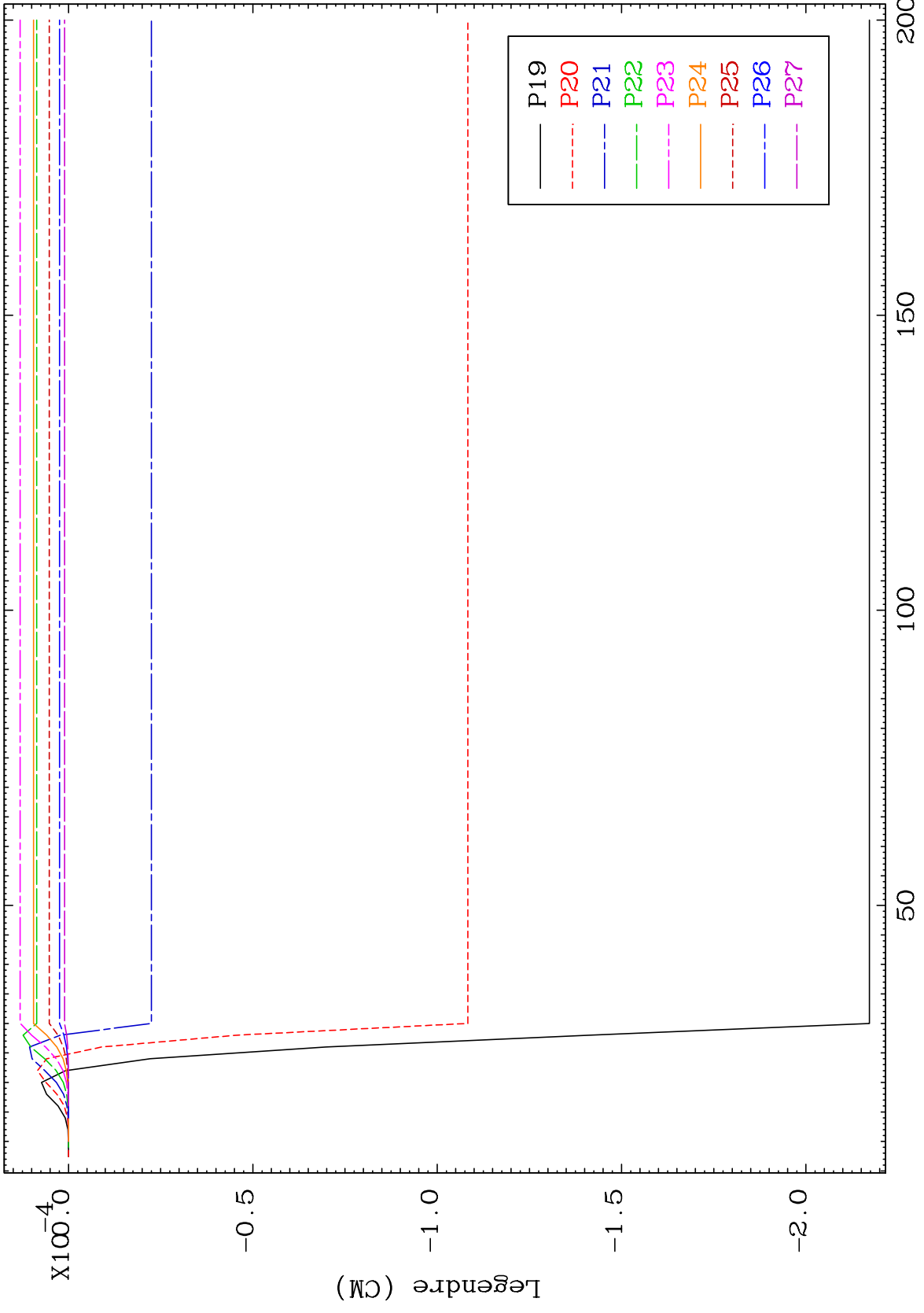


73 55-Cs-128

MAT 5510

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

55-Cs-128

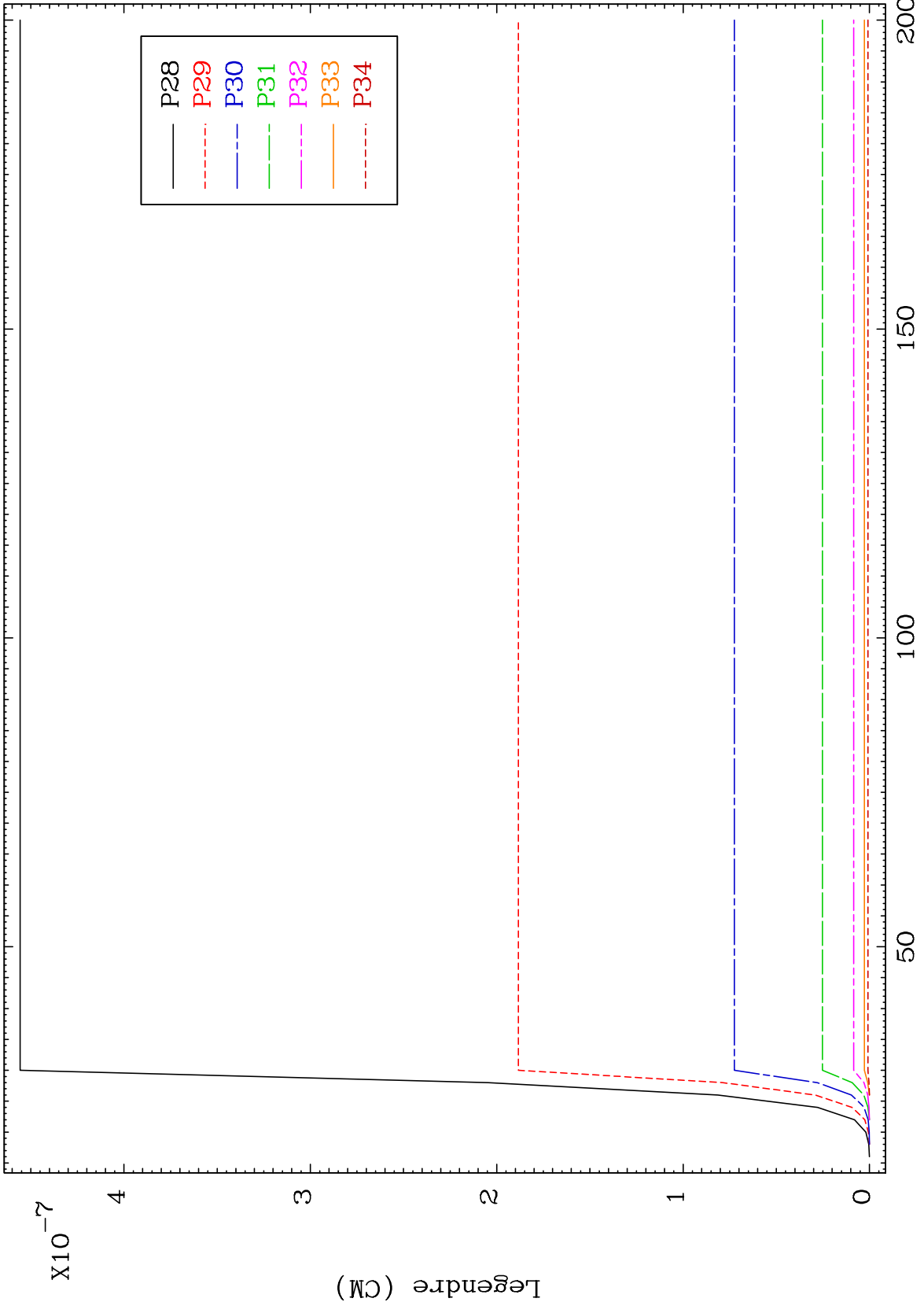


55-Cs-128

Incident Energy (MeV)

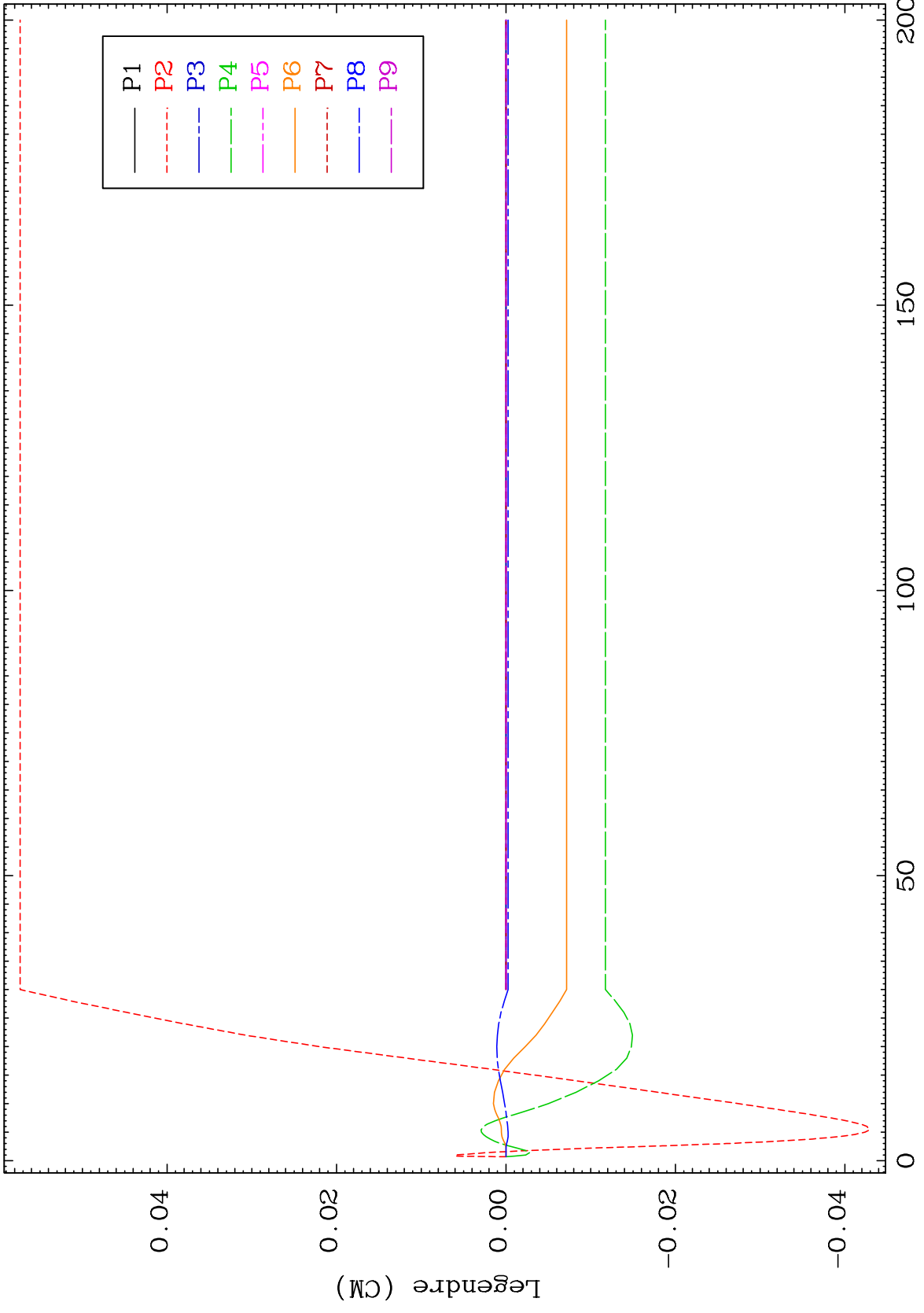
74

MAT 5510 MT= 66 (n,n') Level Legendre Coefficients 55-Cs-128



75 50 100 150 200 55-Cs-128

MAT 5510 MT= 67 (n,n') Level Legendre Coefficients 55-Cs-128

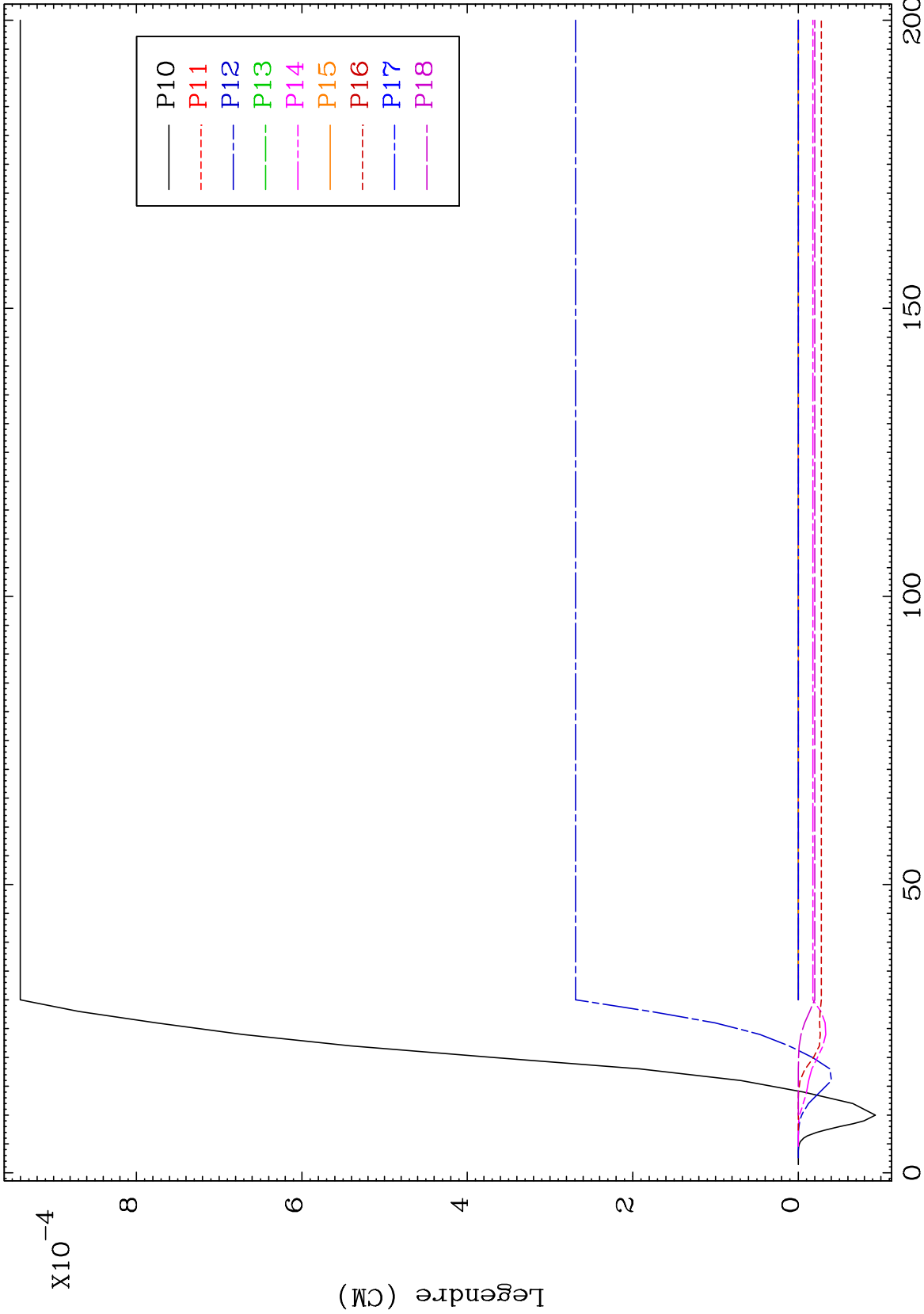


76 55-Cs-128

MAT 5510

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

55-Cs-128

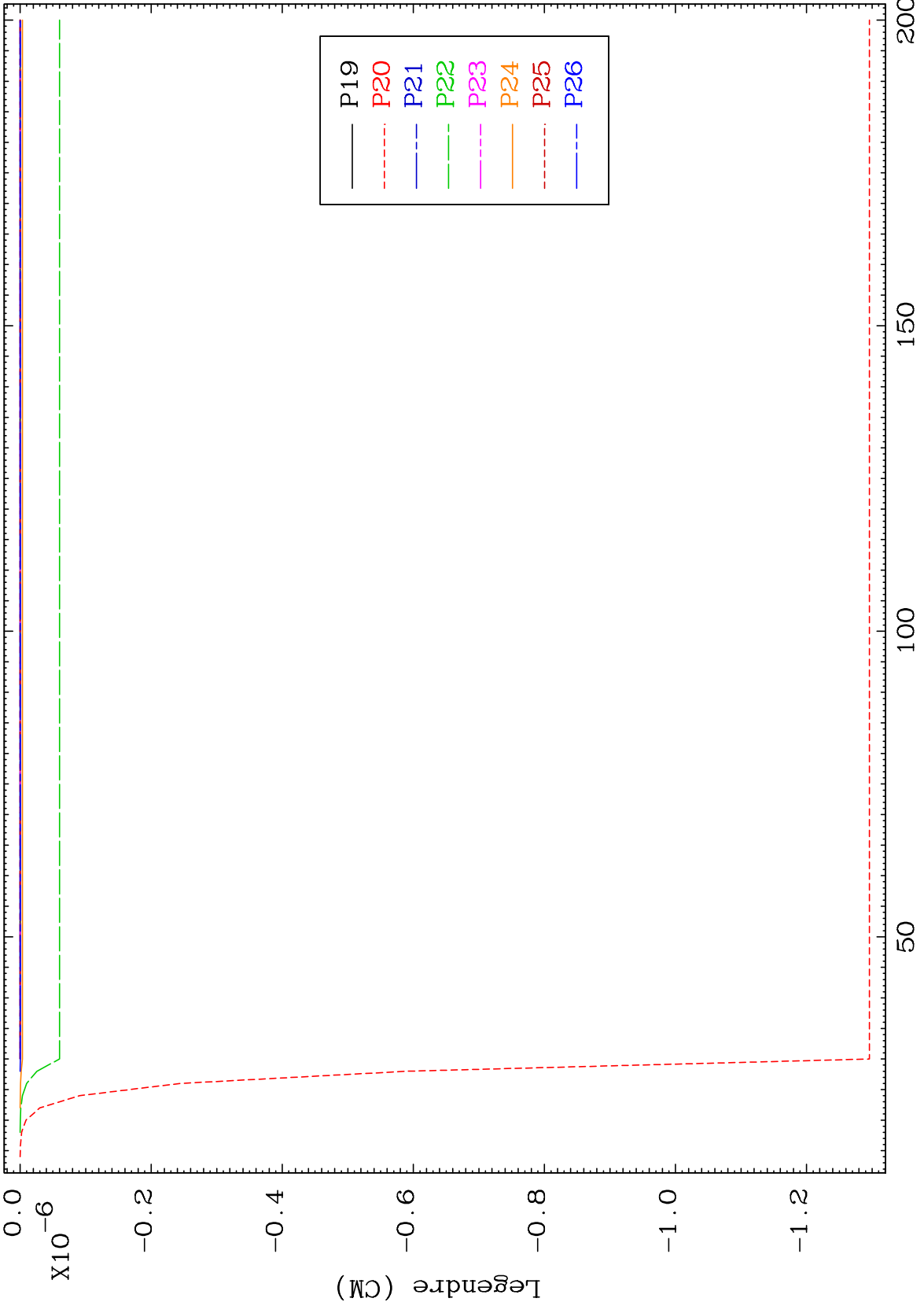


77

Incident Energy (MeV)

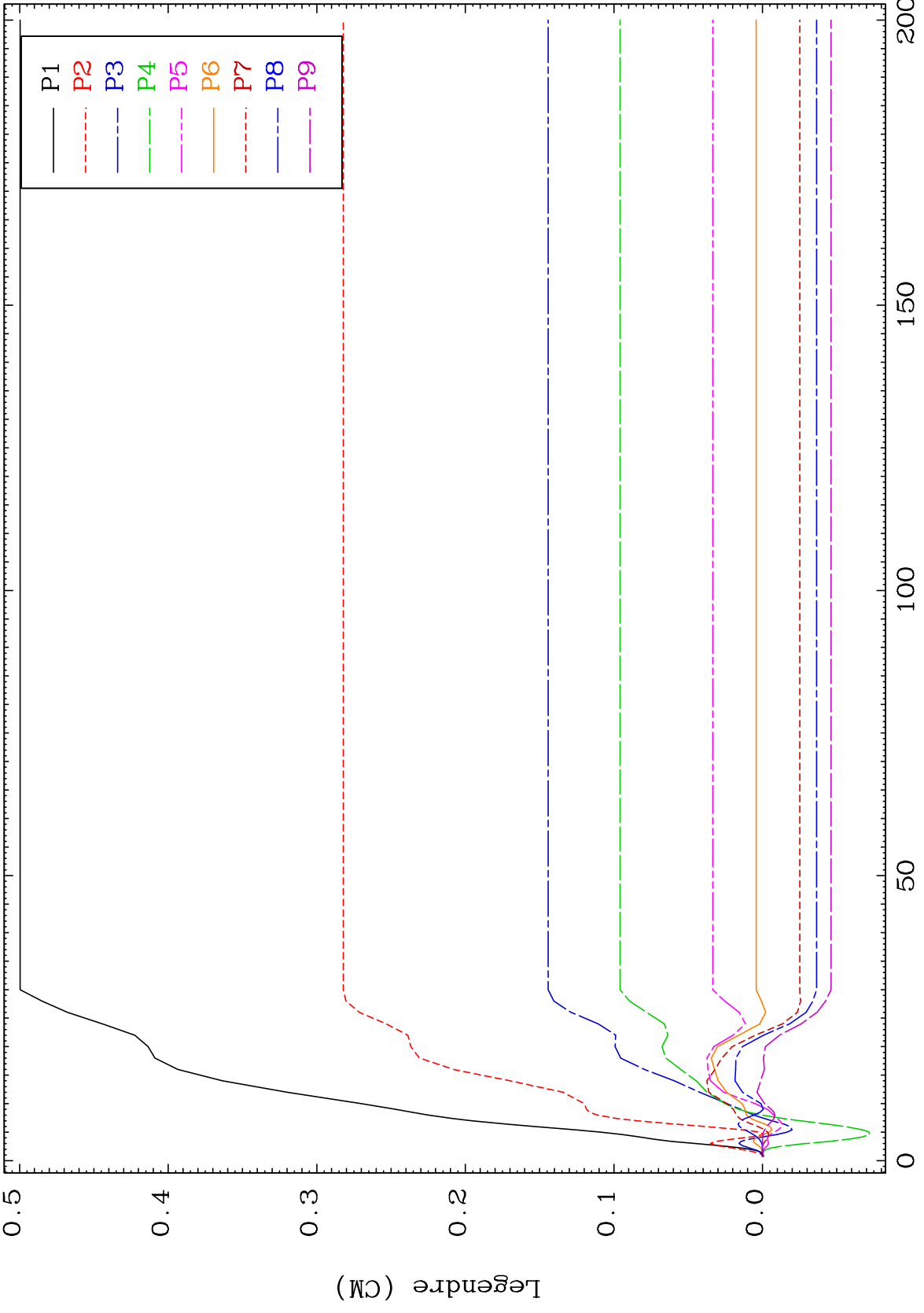
55-Cs-128

MAT 5510 MT= 67 (n,n') Level Legendre Coefficients 55-Cs-128



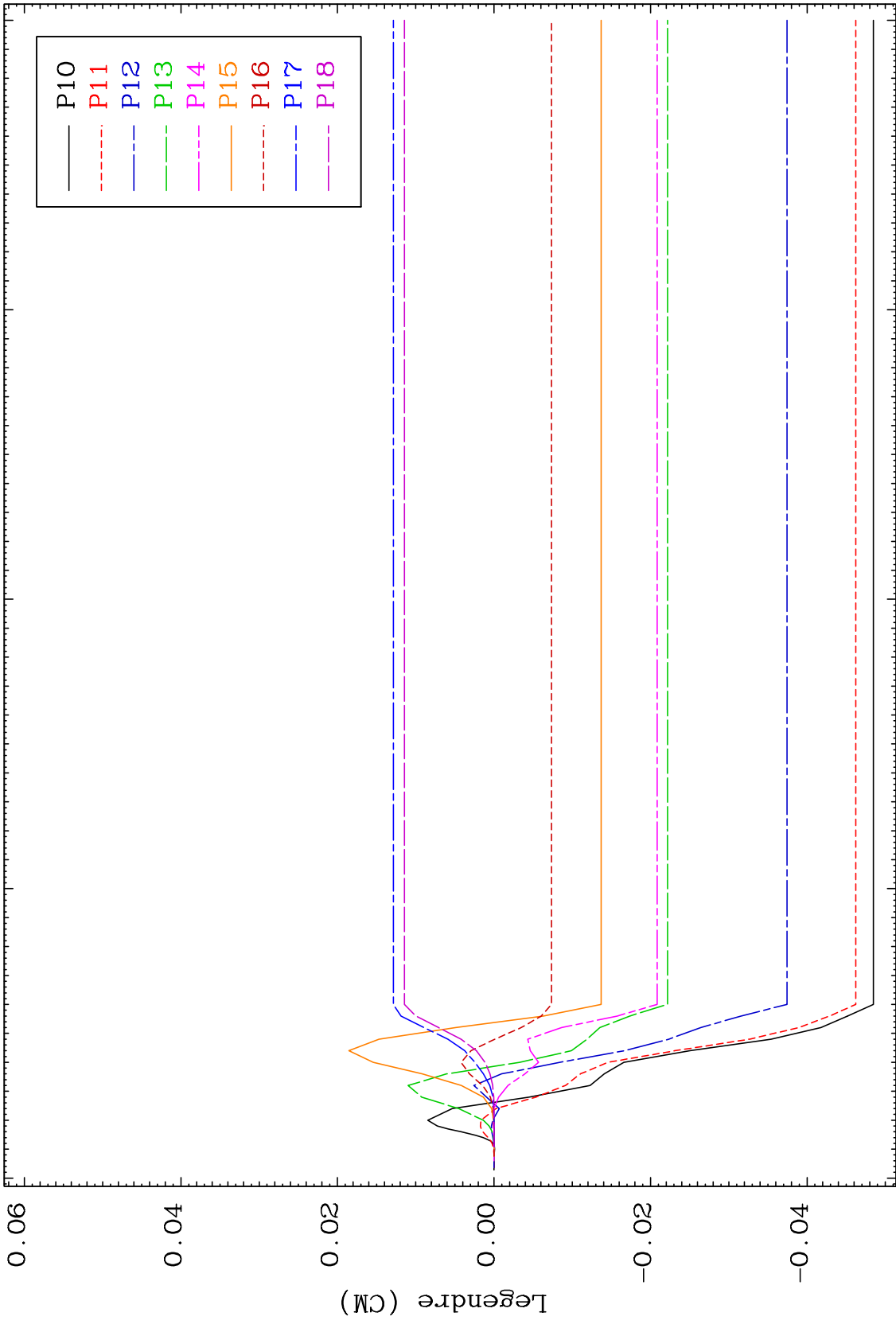
78 Incident Energy (MeV) 55-Cs-128

MAT 5510 MT= 68 (n,n') Level Legendre Coefficients 55-Cs-128



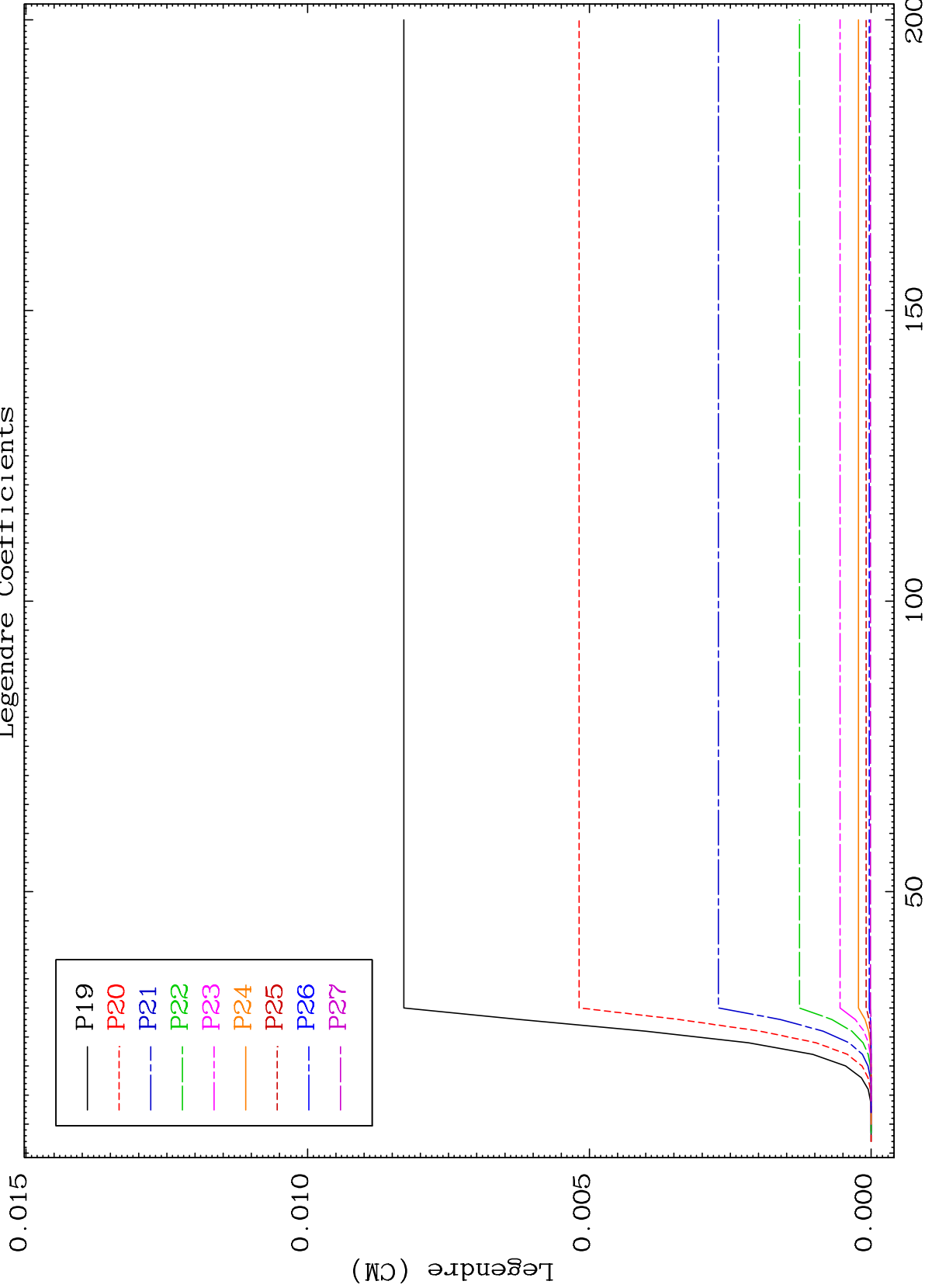
79 Incident Energy (MeV) 55-Cs-128

MAT 5510 MT= 68 (n,n') Level Legendre Coefficients 55-Cs-128



80 Incident Energy (MeV) 55-Cs-128

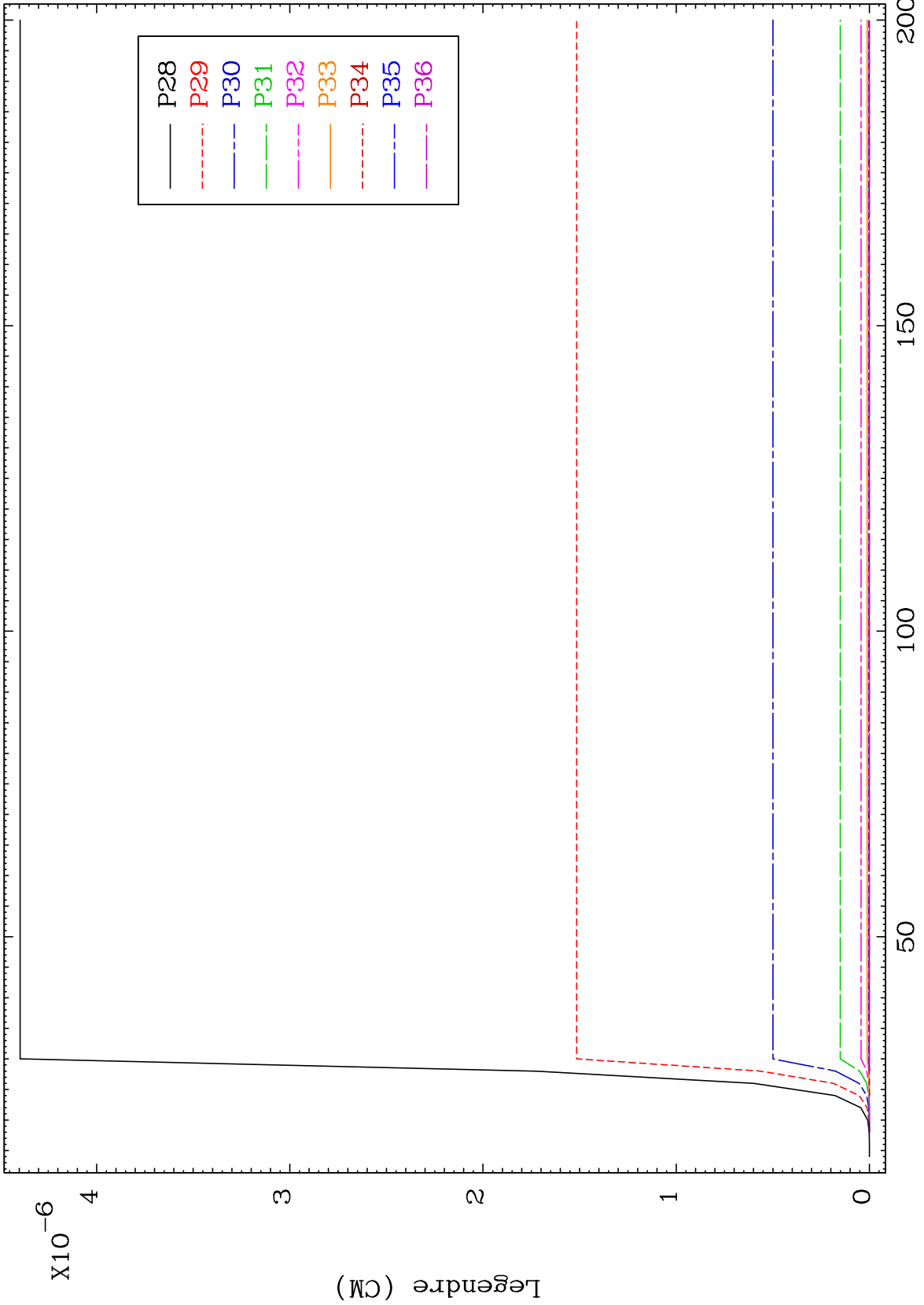
MAT 5510 MT= 68 (n,n') Level Legendre Coefficients 55-Cs-128



MAT 5510

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

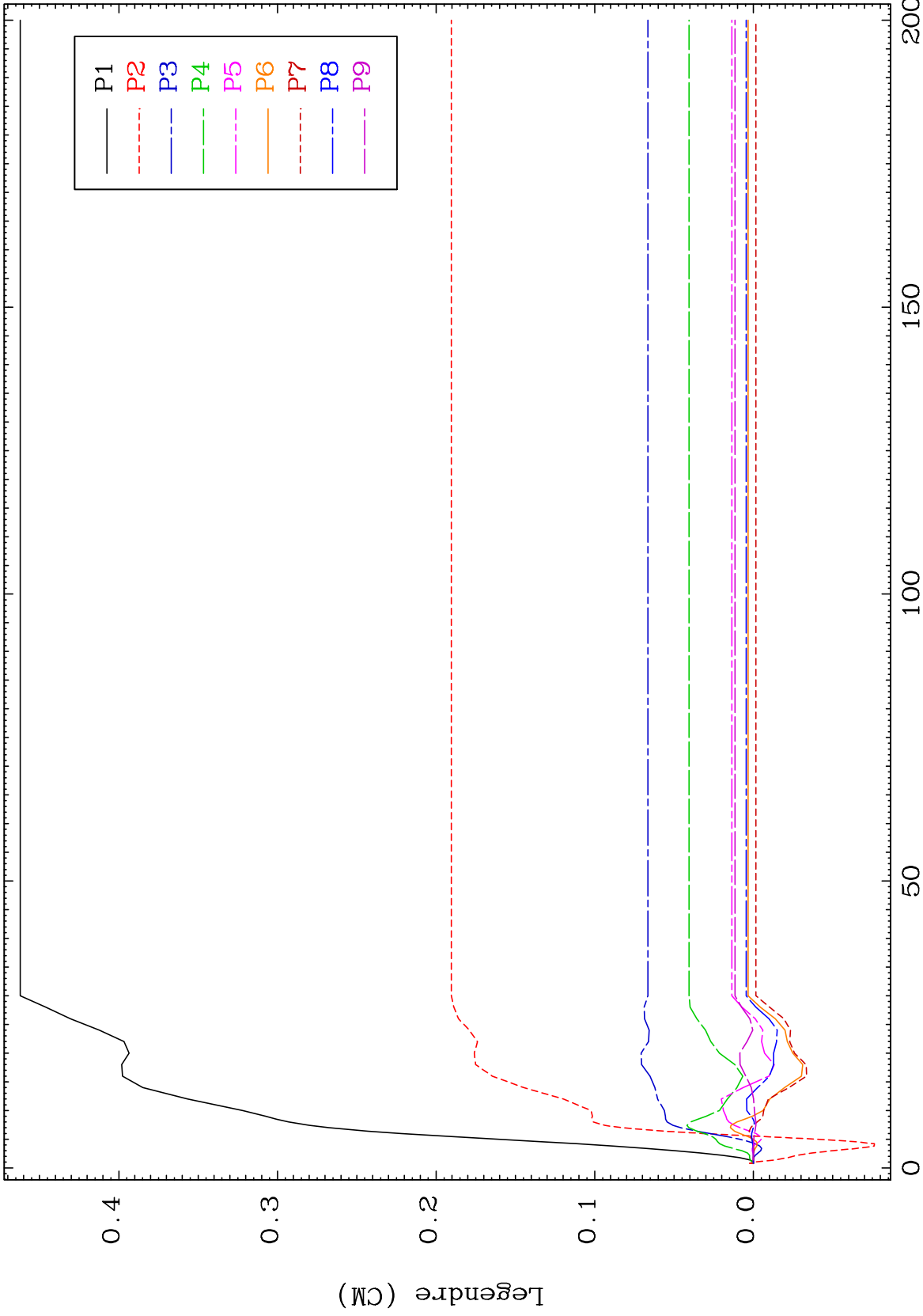
55-Cs-128



MAT 5510

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

55-Cs-128



83

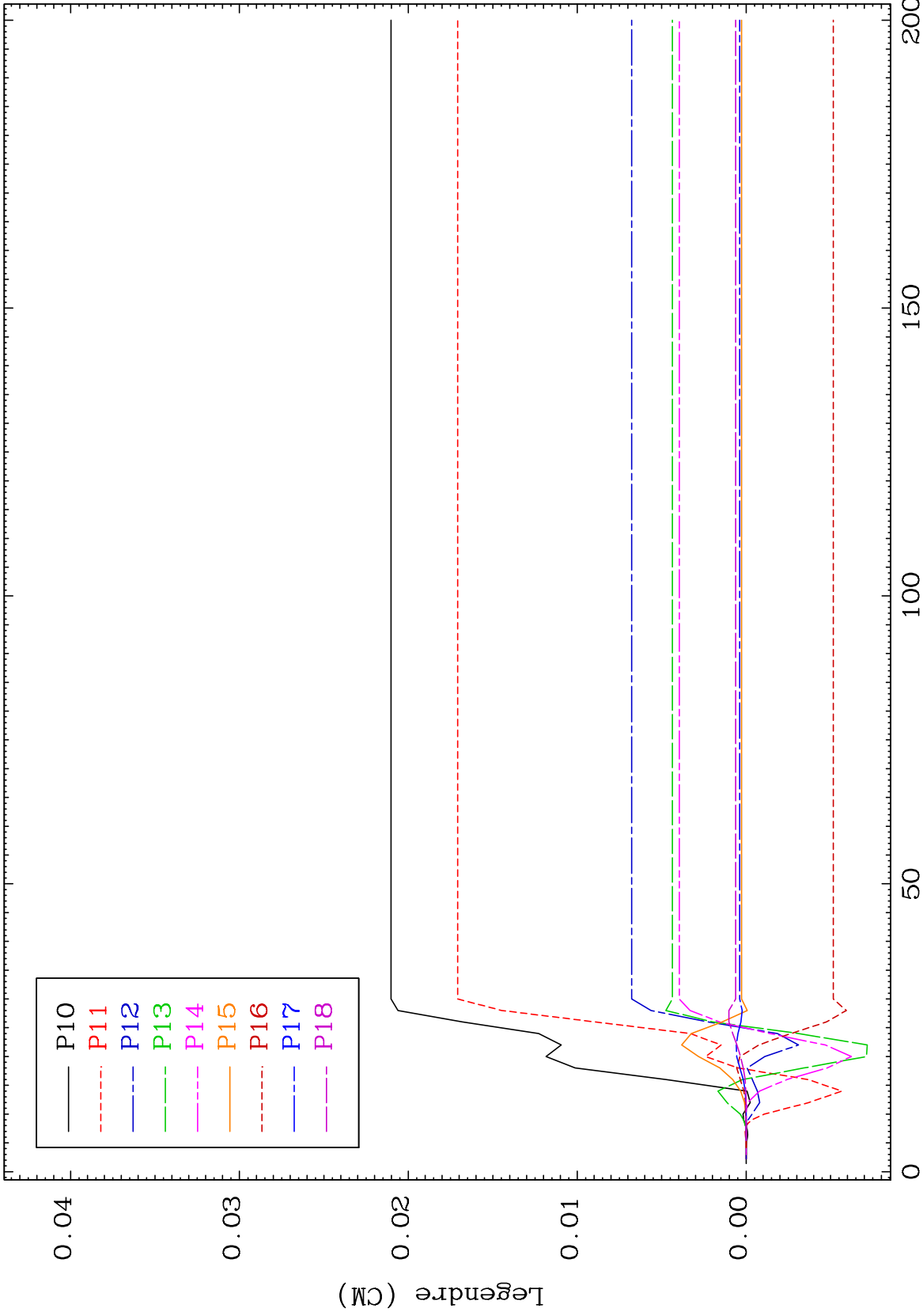
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



84

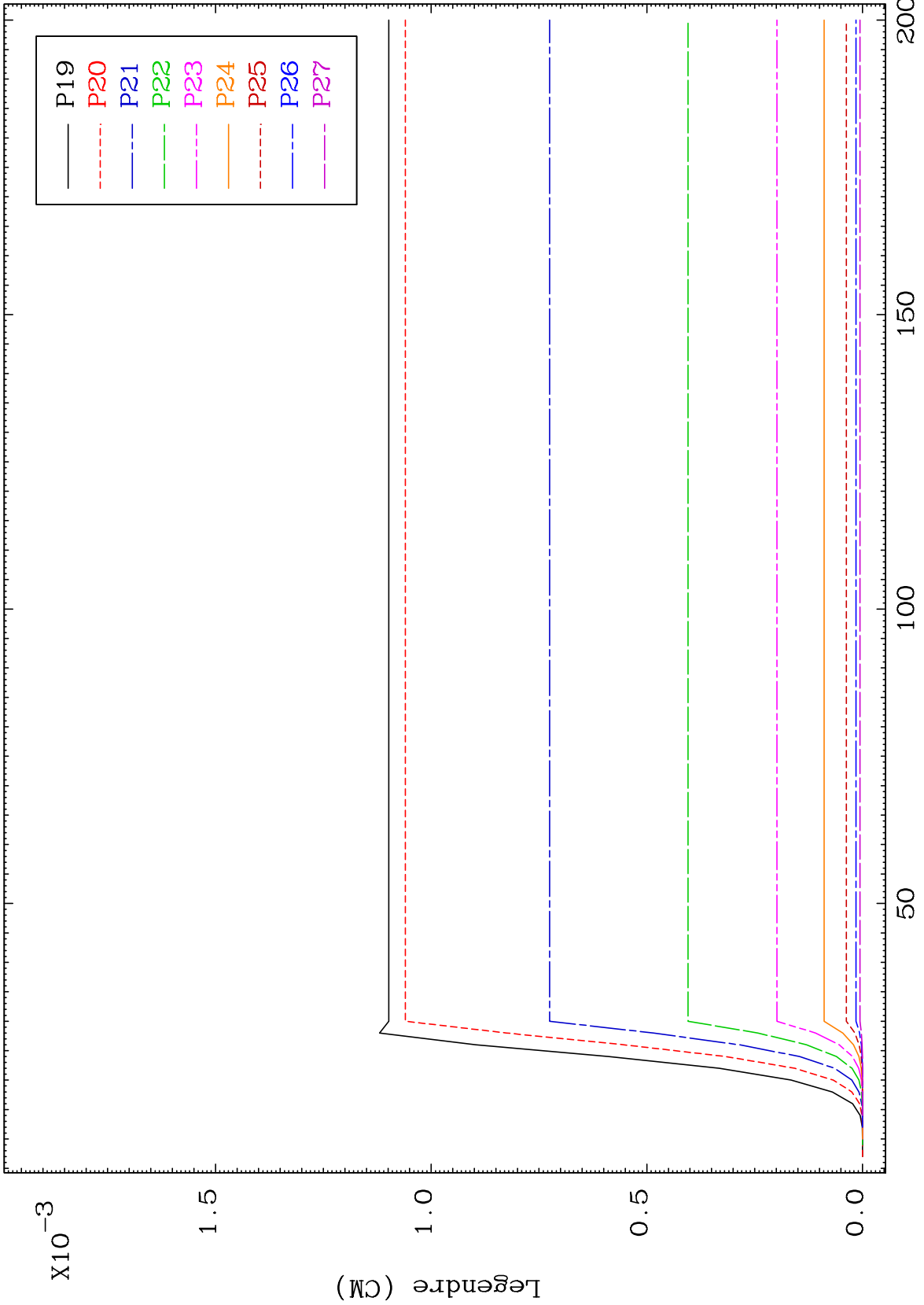
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



85

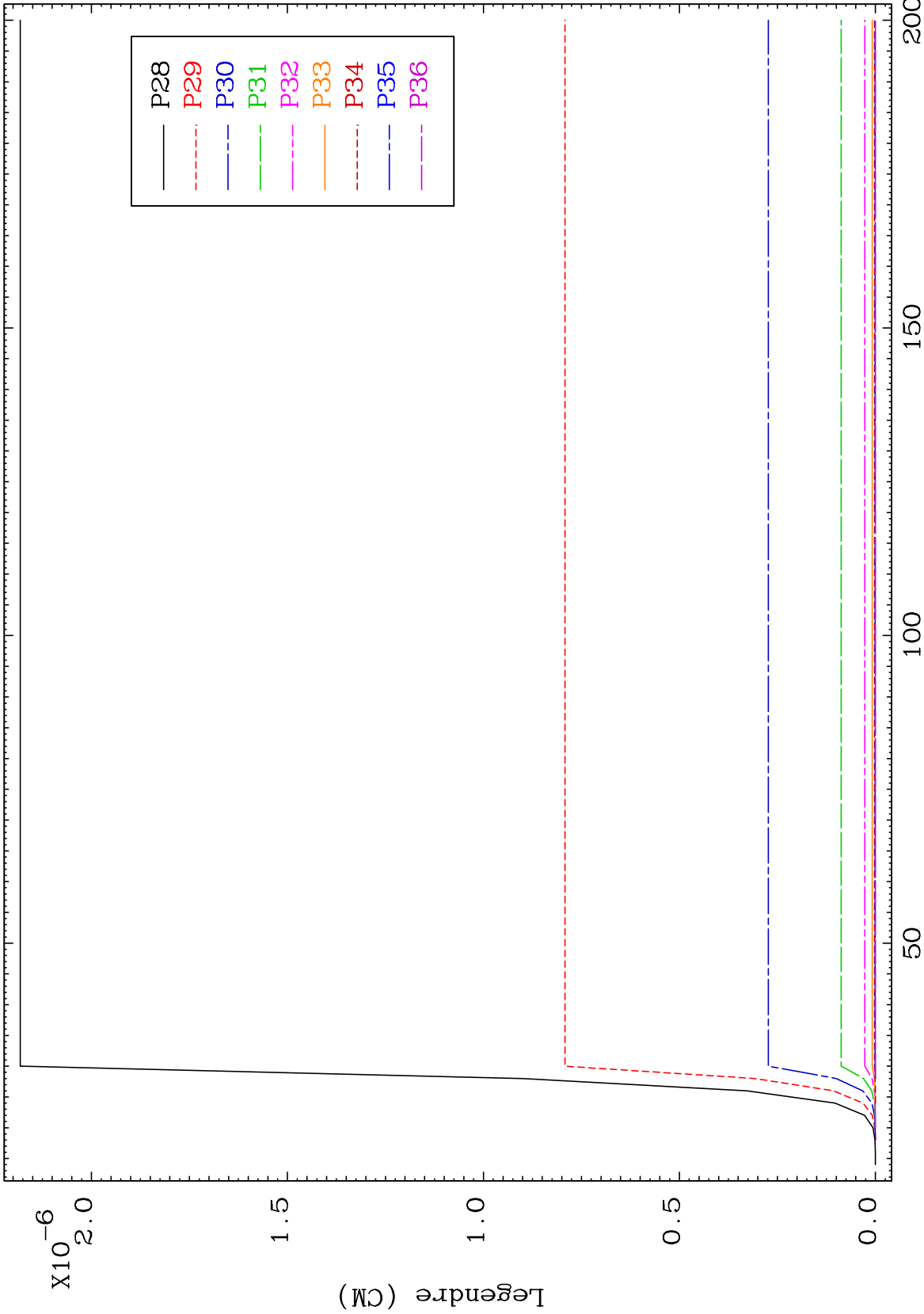
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128

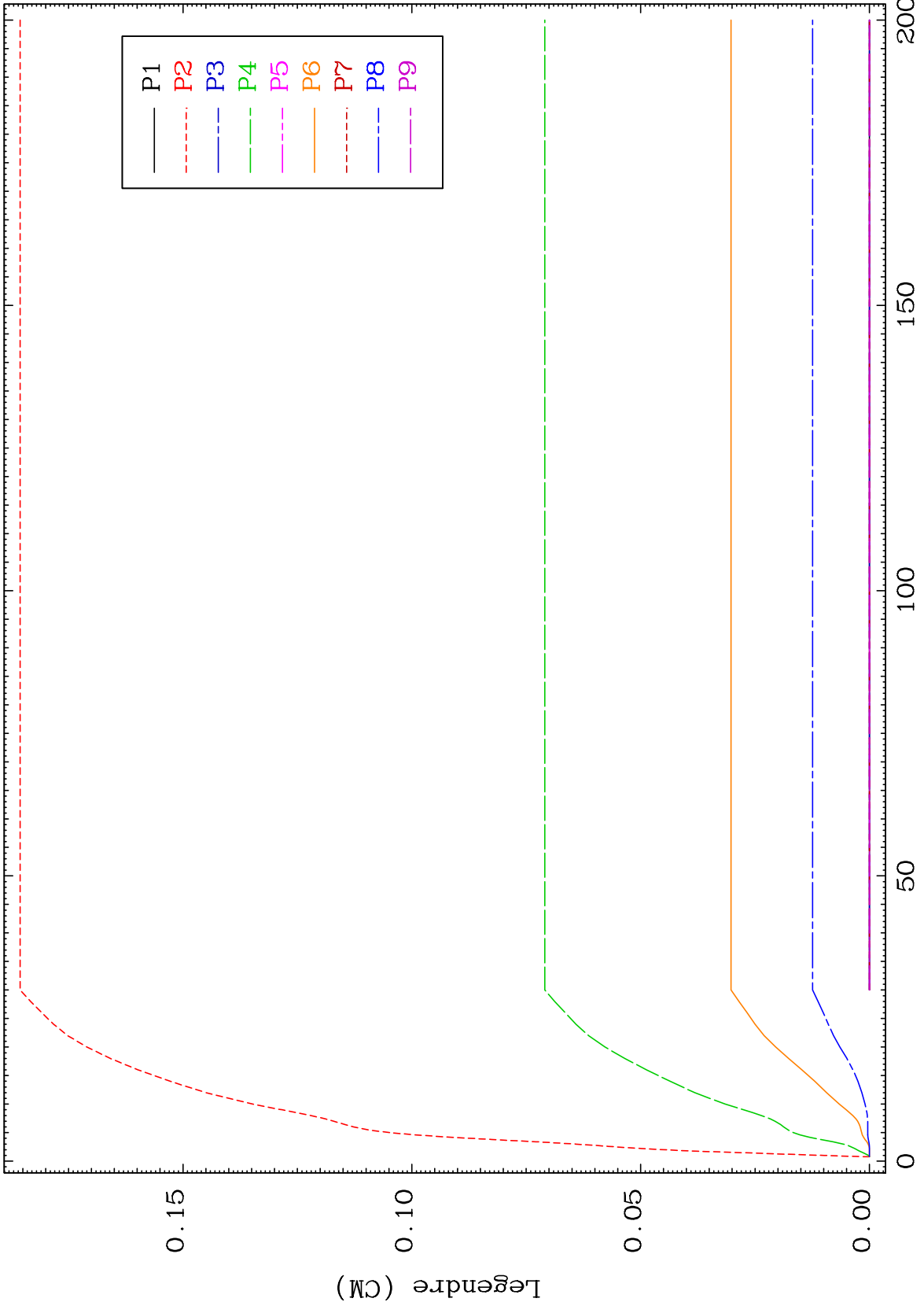


86

Incident Energy (MeV)

55-Cs-128

MAT 5510 MT= 70 (n,n') Level Legendre Coefficients 55-Cs-128

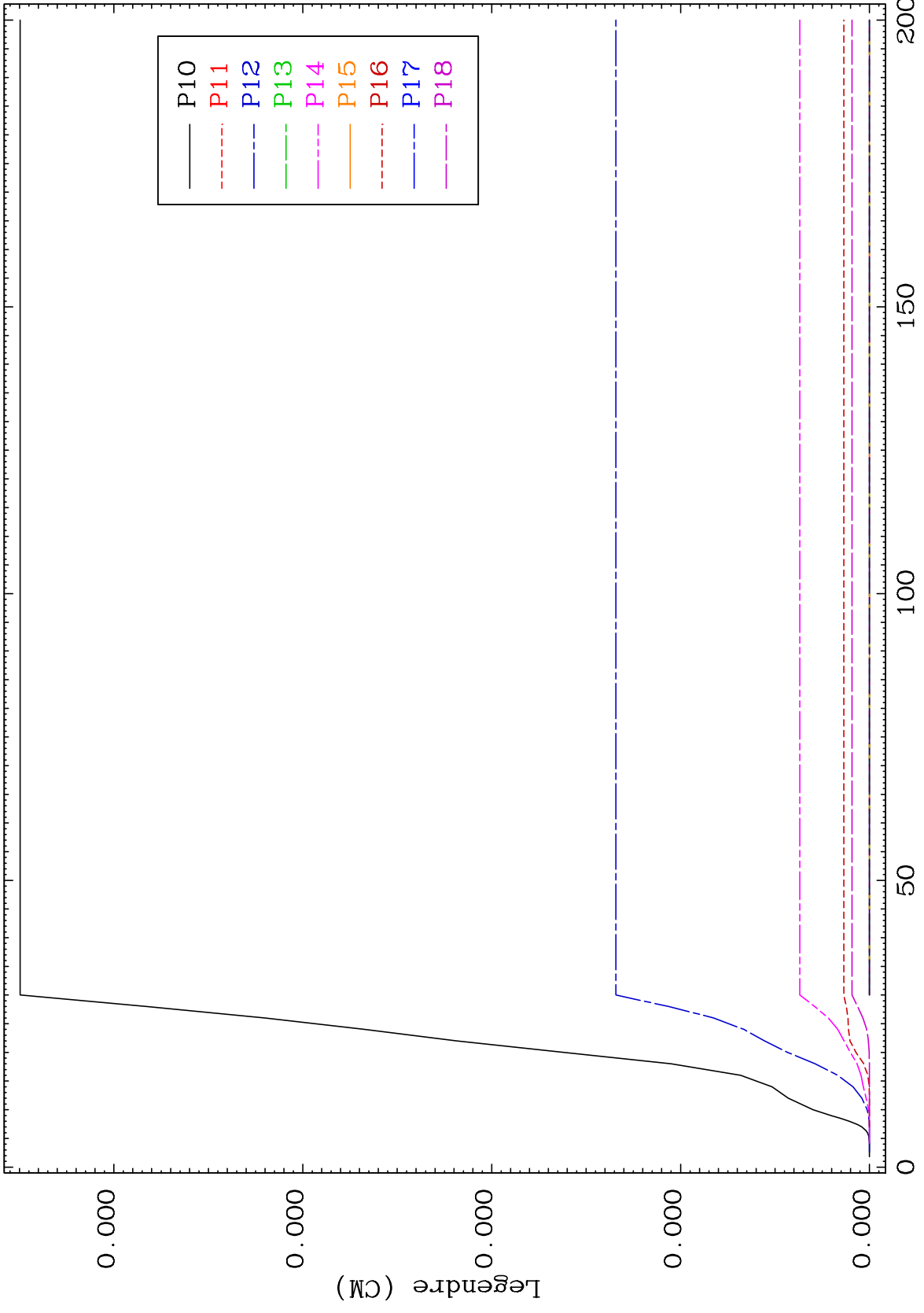


87 55-Cs-128

MAT 5510

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

55-Cs-128

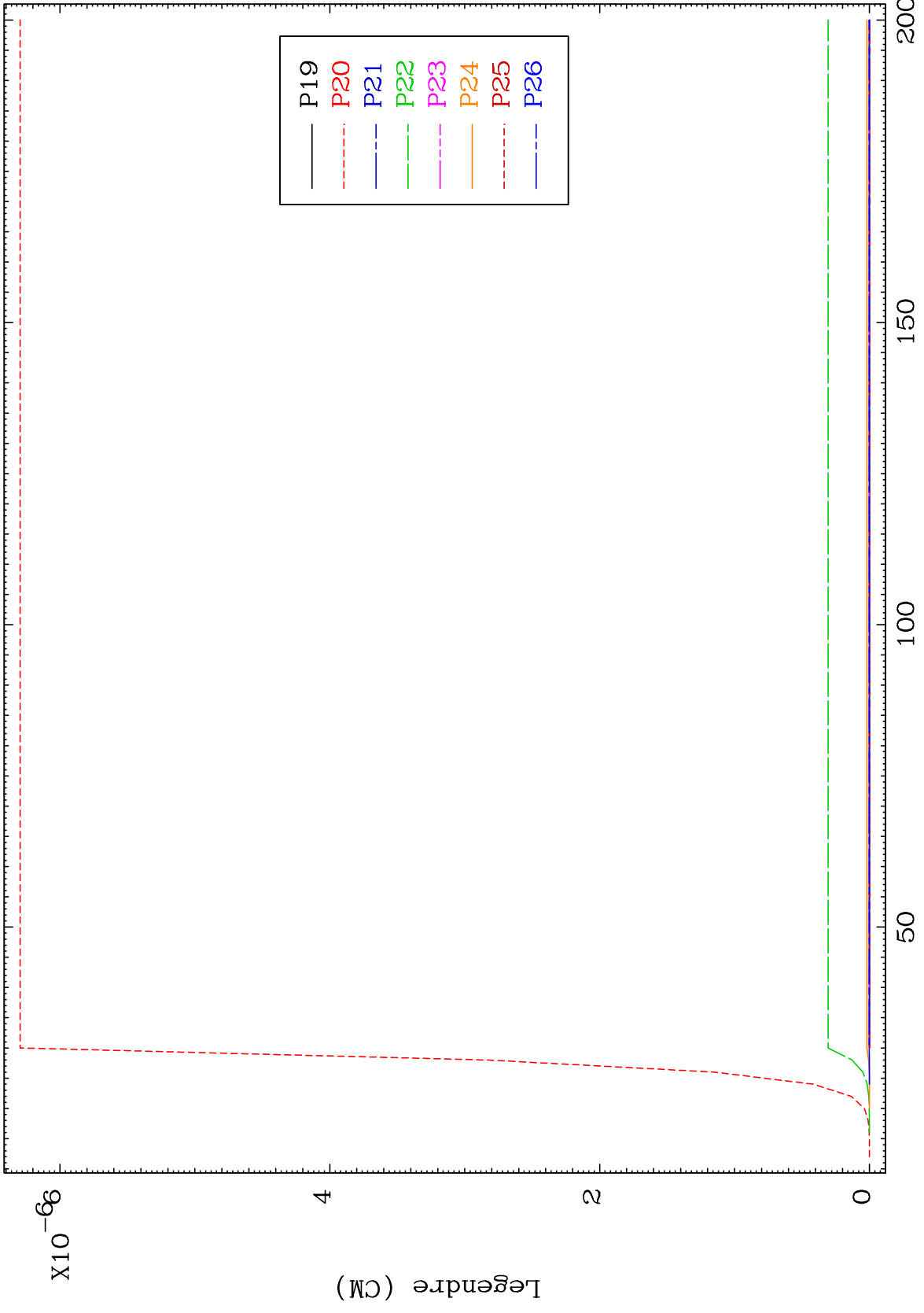


88

Incident Energy (MeV)

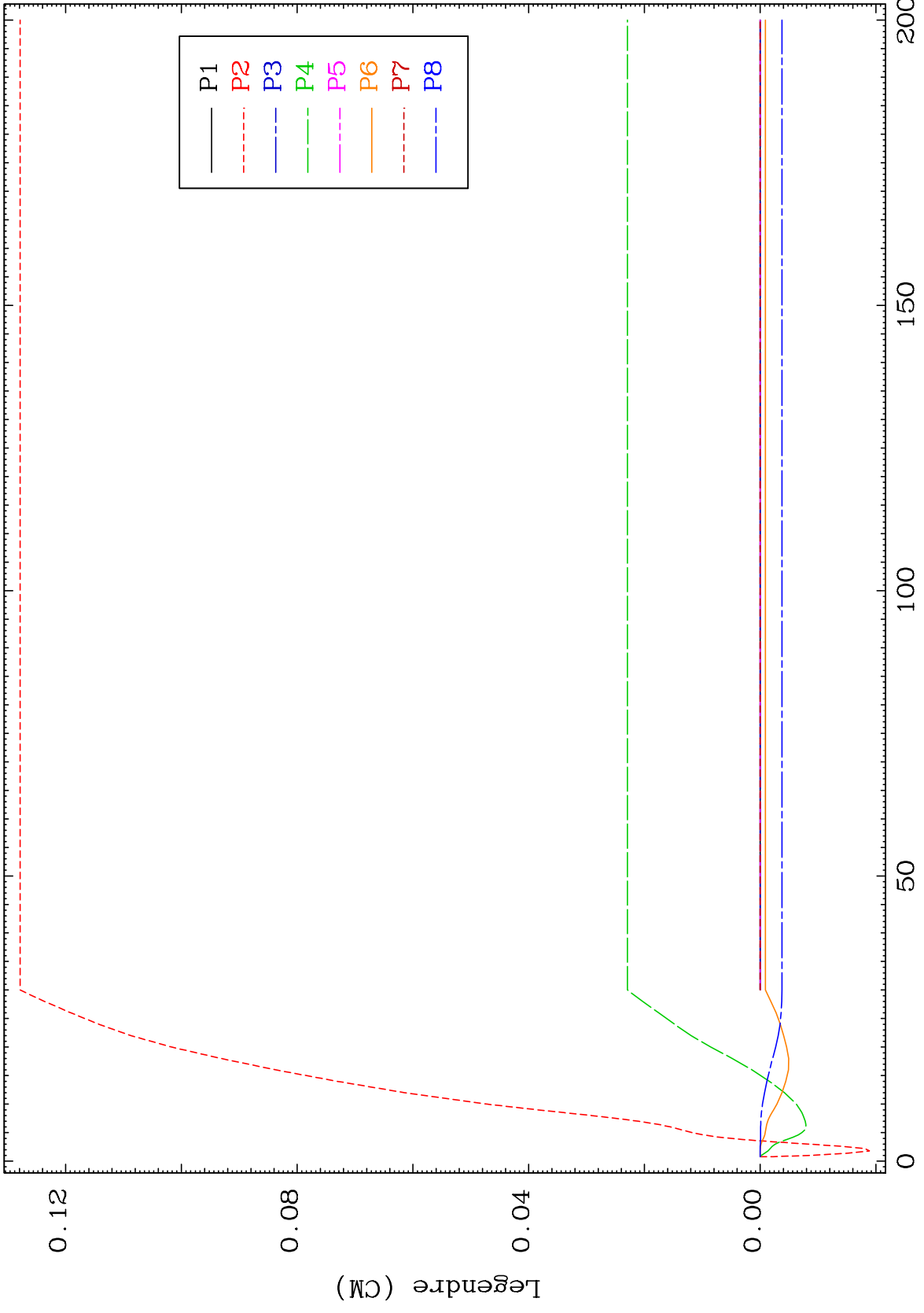
55-Cs-128

MAT 5510 MT= 70 (n,n') Level Legendre Coefficients 55-Cs-128



89 50 100 150 200 Incident Energy (MeV) 55-Cs-128

MAT 5510 MT= 71 (n,n') Level Legendre Coefficients 55-Cs-128

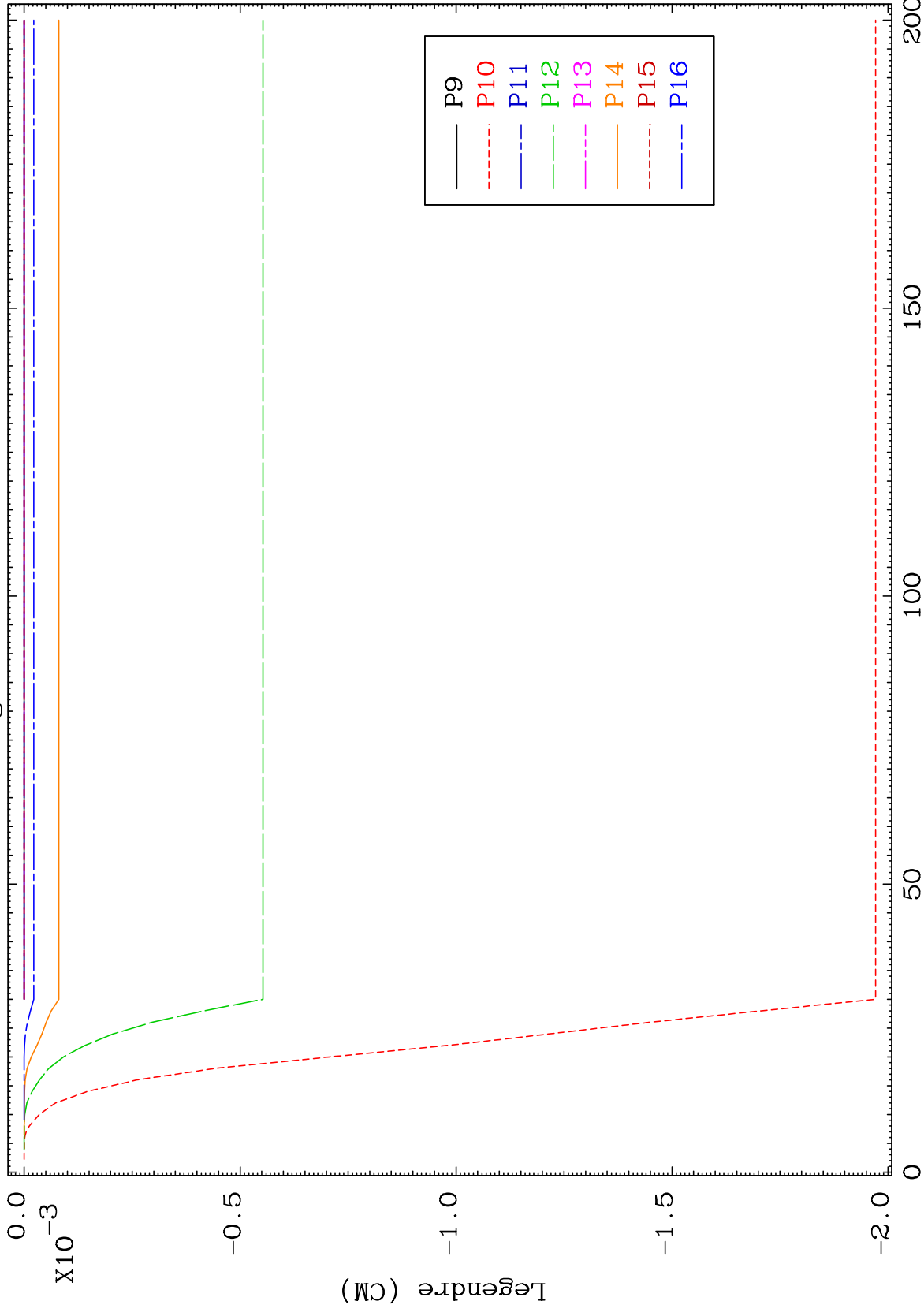


55-Cs-128

MAT 5510

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

55-Cs-128

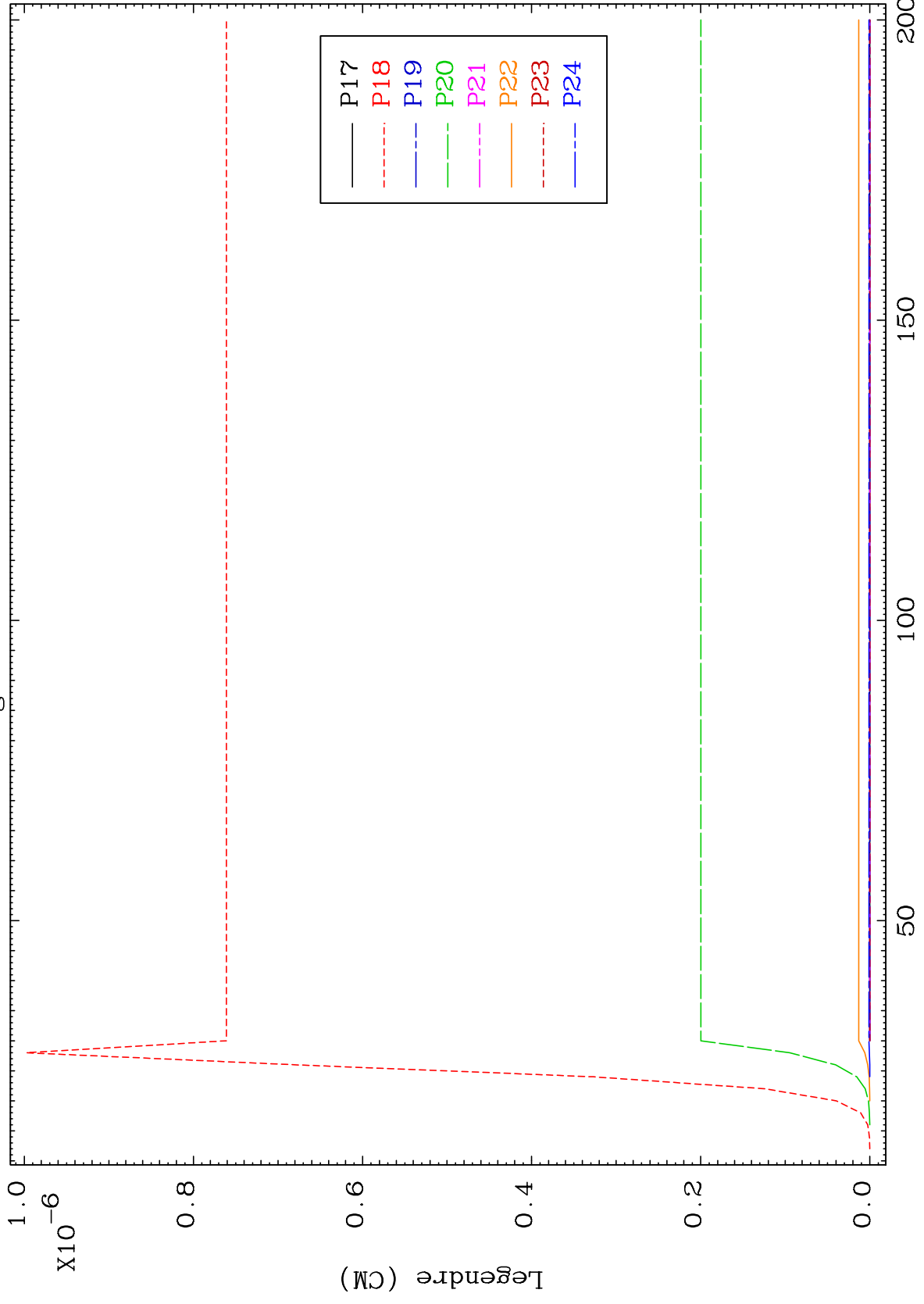


55-Cs-128

Incident Energy (MeV)

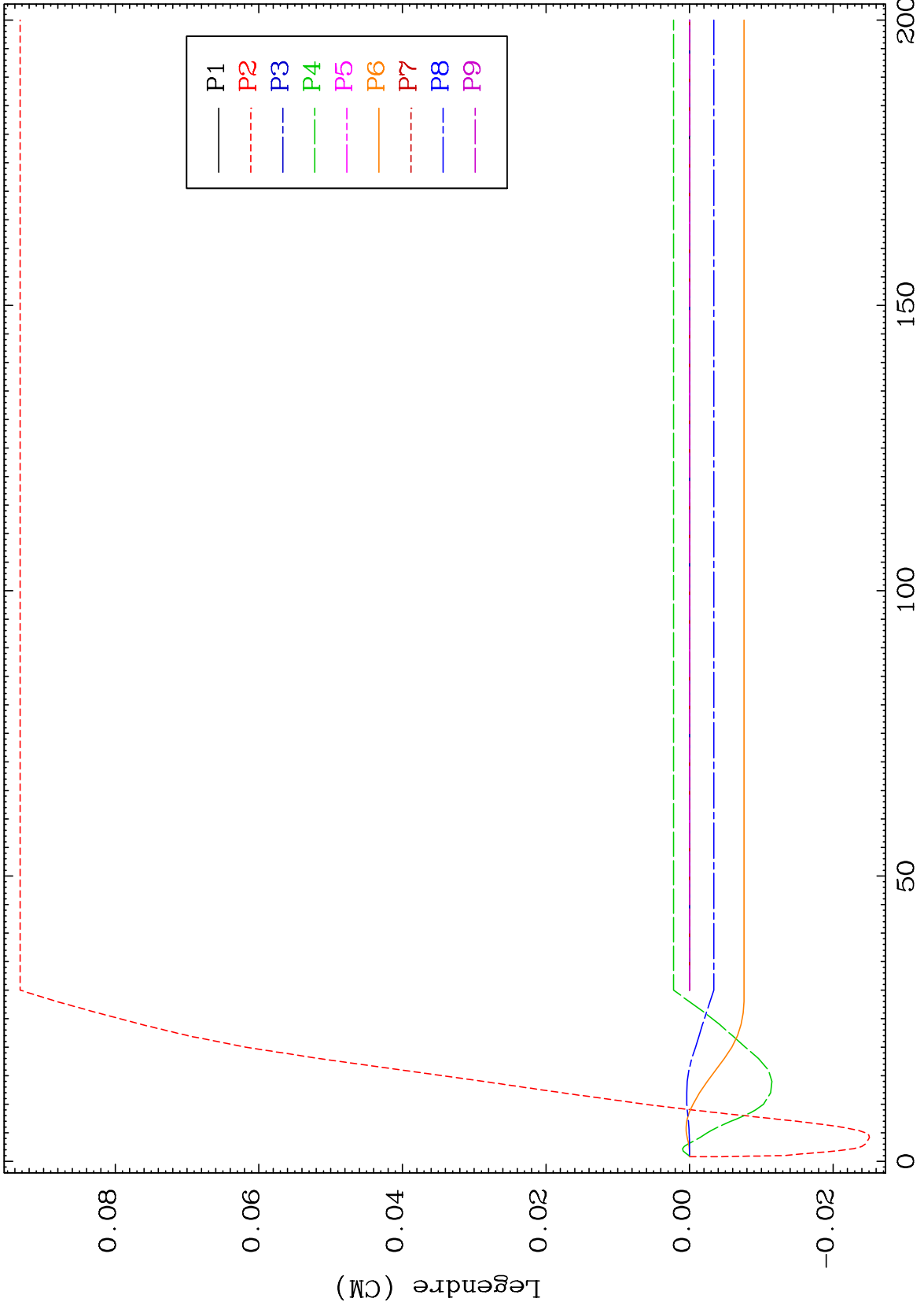
91

MAT 5510 MT= 71 (n,n') Level Legendre Coefficients 55-Cs-128



92 55-Cs-128

MAT 5510 MT= 72 (n,n') Level Legendre Coefficients 55-Cs-128

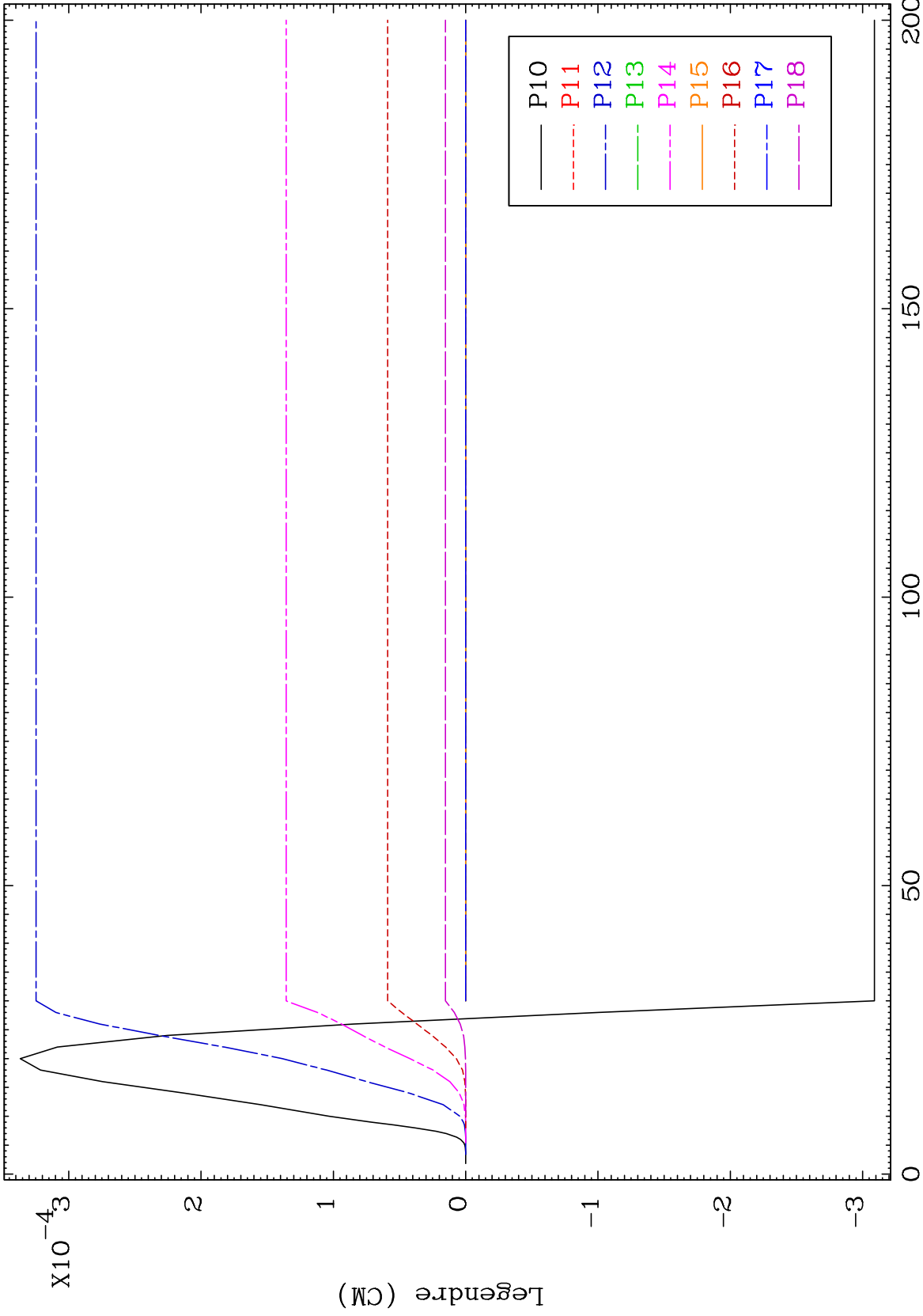


93 55-Cs-128

MAT 5510

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

55-Cs-128

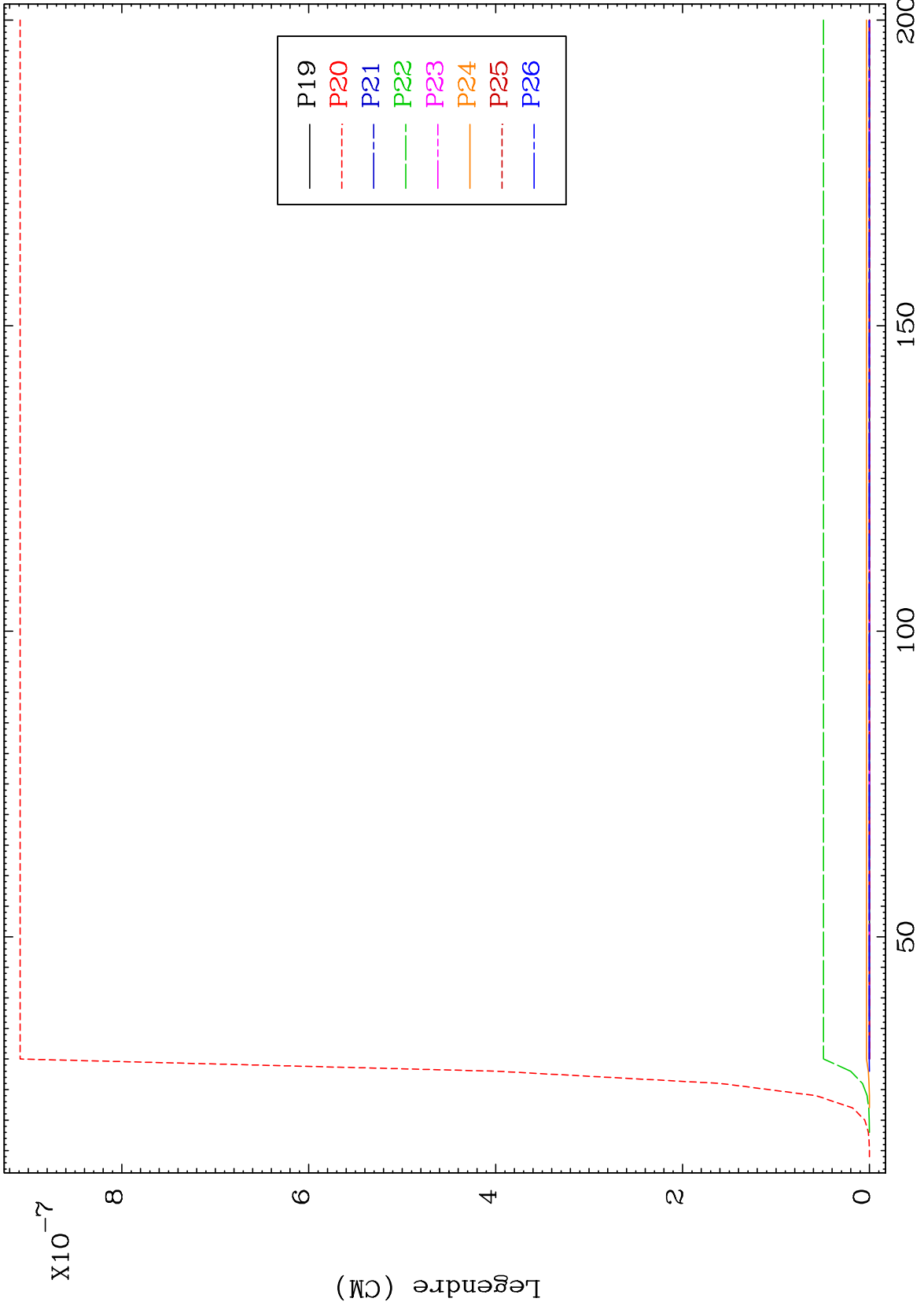


94

Incident Energy (MeV)

55-Cs-128

MAT 5510 MT= 72 (n,n') Level Legendre Coefficients 55-Cs-128

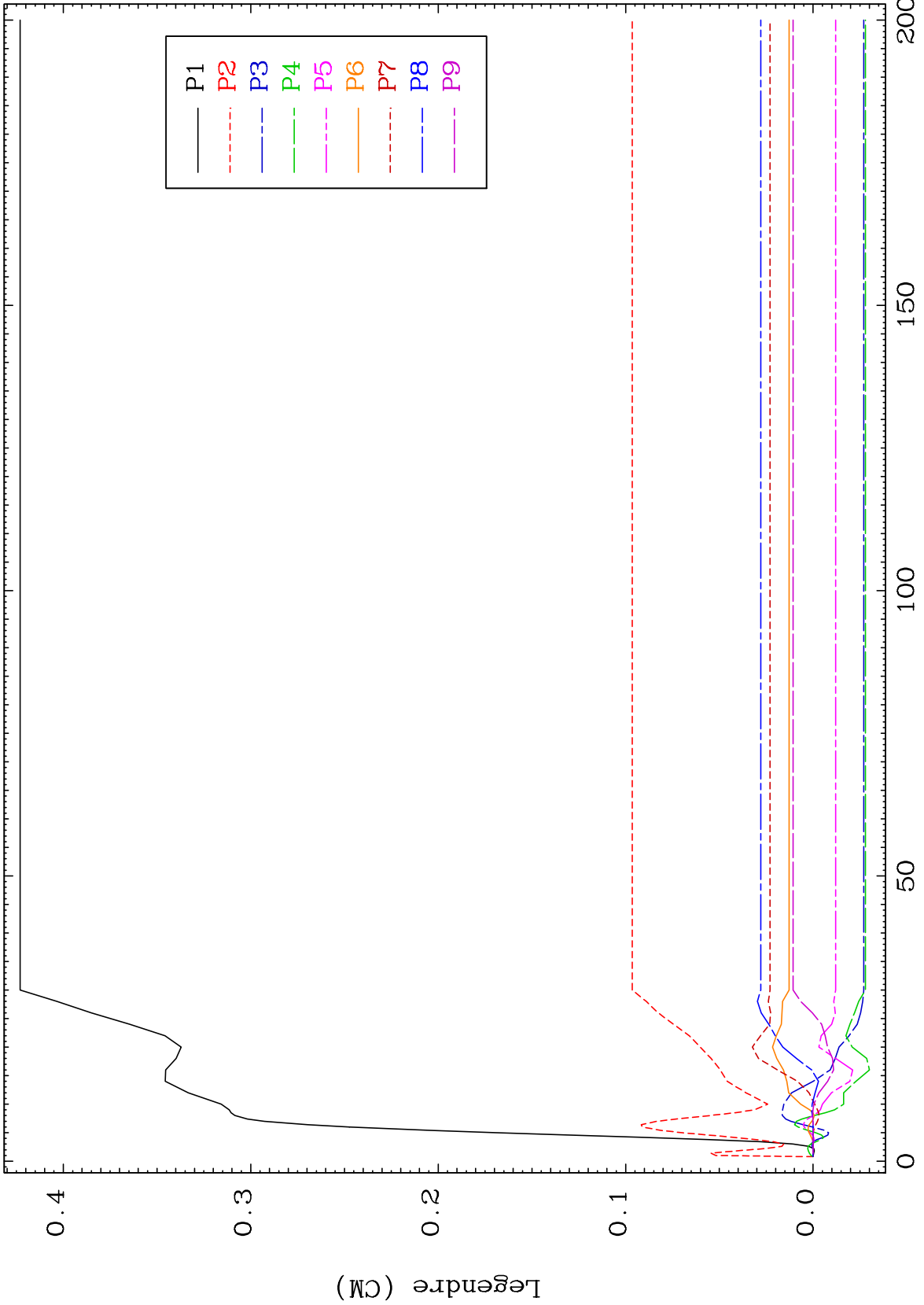


95 50 100 150 200 Incident Energy (MeV) 55-Cs-128

MAT 5510

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

55-Cs-128

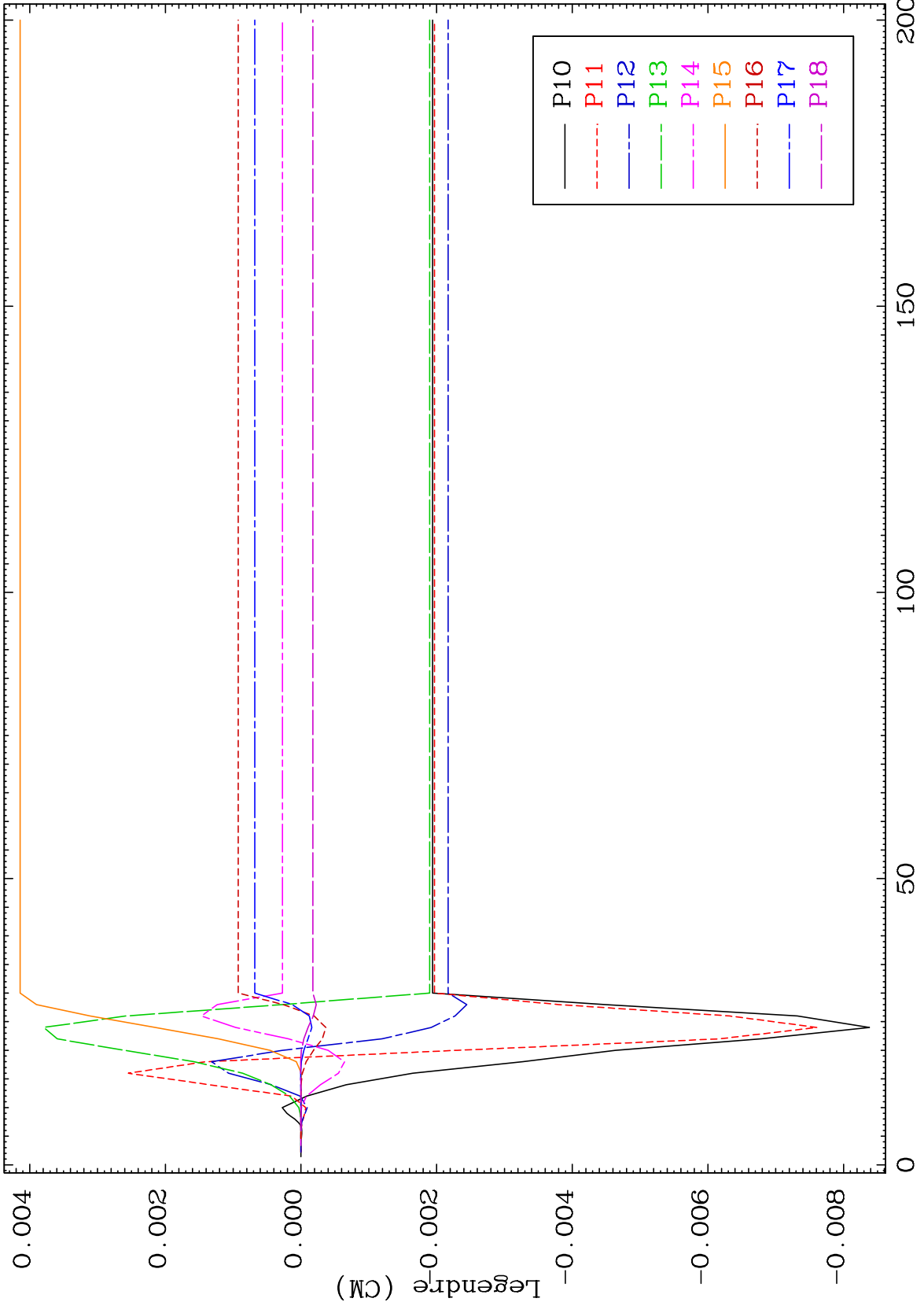


96

Incident Energy (MeV)

55-Cs-128

MAT 5510 MT= 73 (n,n') Level Legendre Coefficients 55-Cs-128

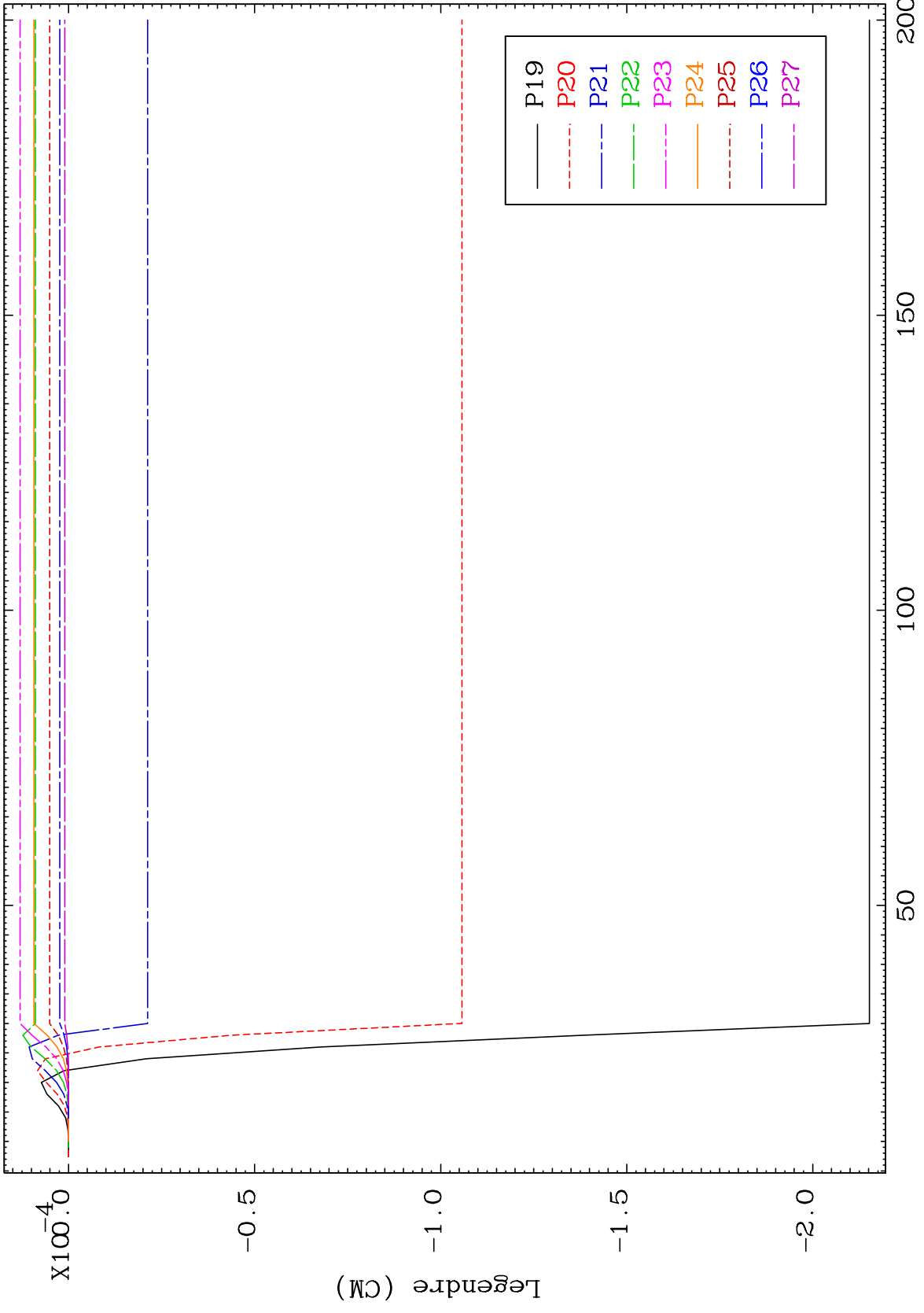


97 Incident Energy (MeV) 55-Cs-128

MAT 5510

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

55-Cs-128



55-Cs-128

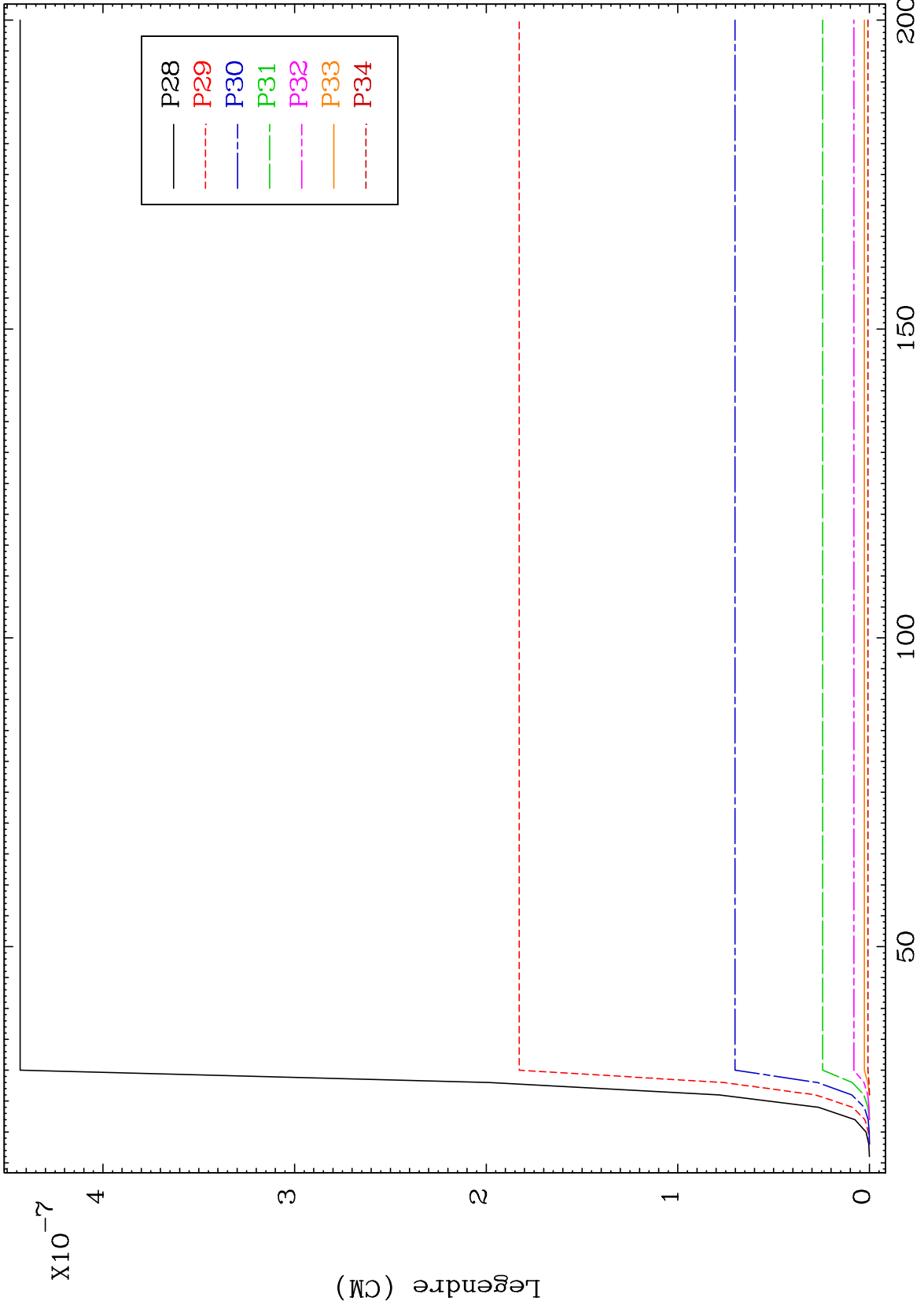
Incident Energy (MeV)

98

MAT 5510

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

55-Cs-128



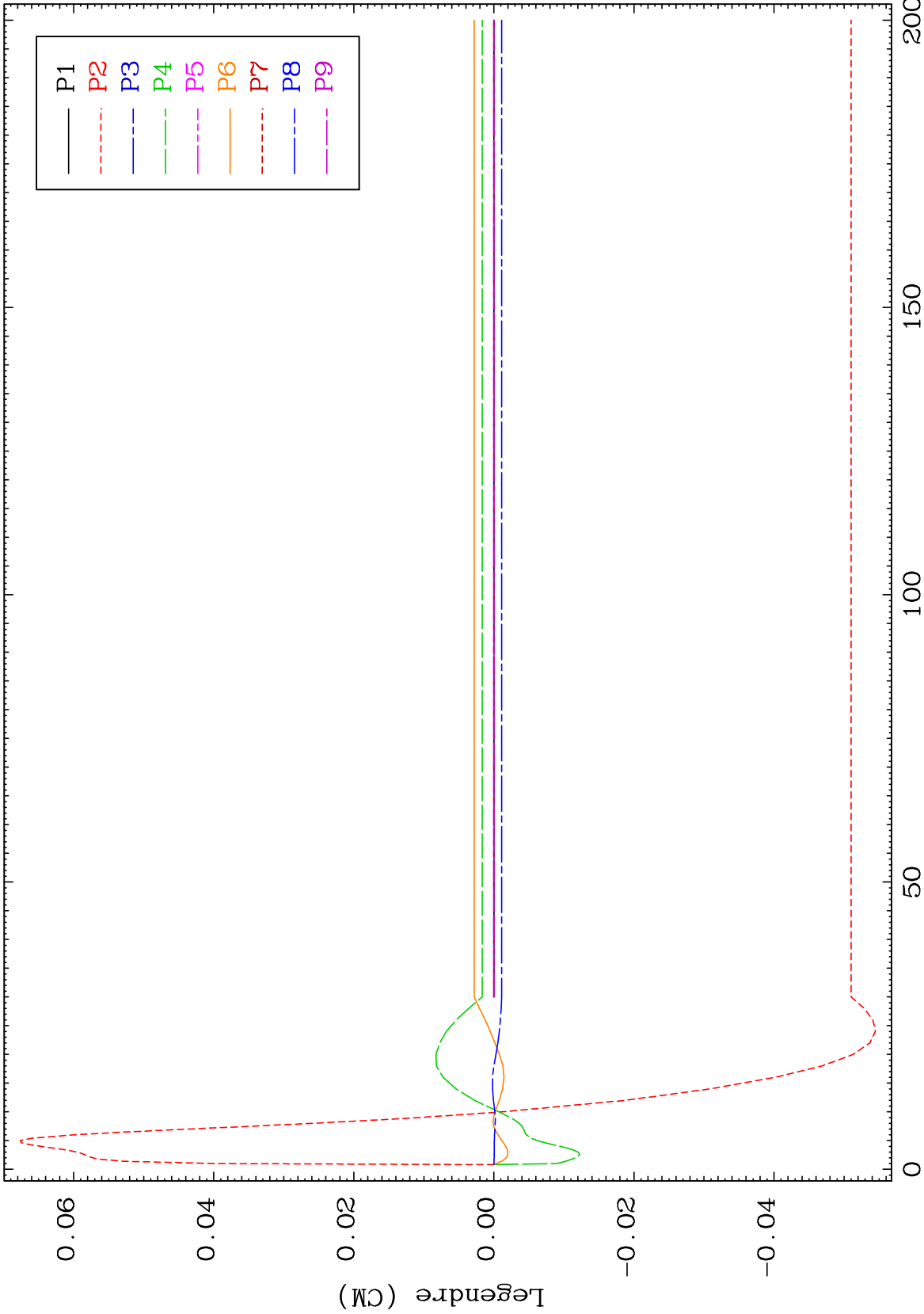
99

55-Cs-128

MAT 5510

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

55-Cs-128



55-Cs-128

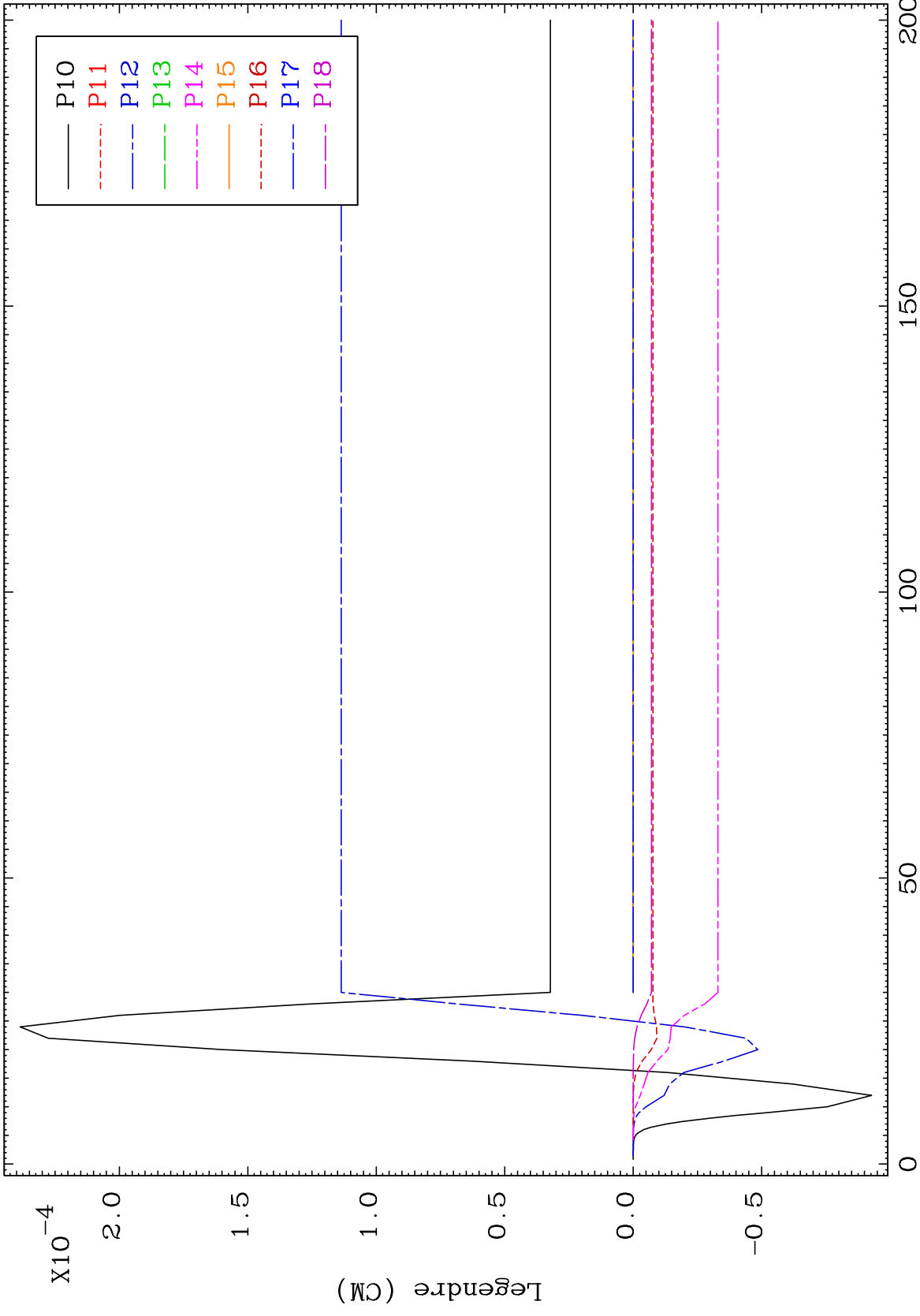
Incident Energy (MeV)

100

MAT 5510

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

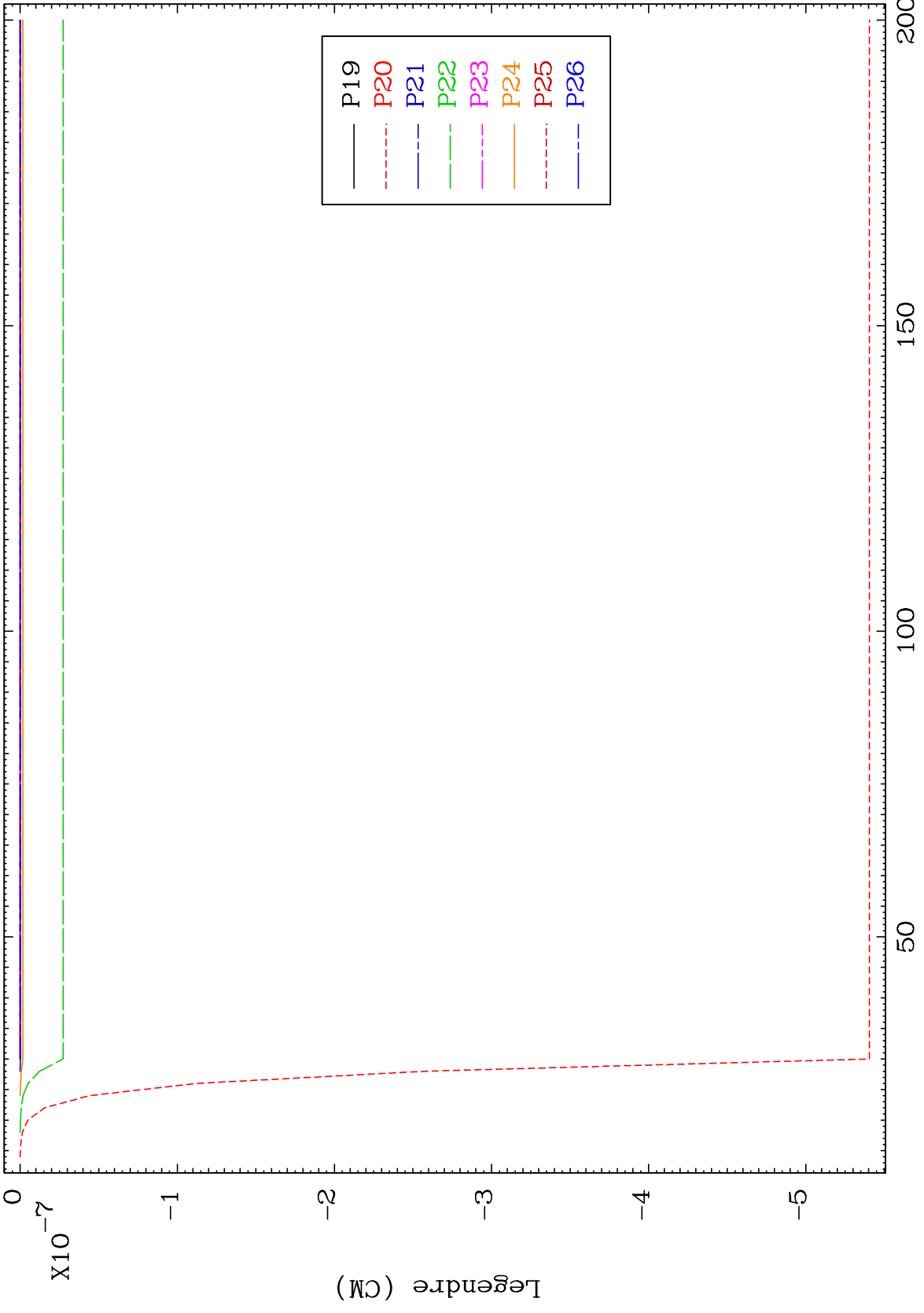
55-Cs-128



101

55-Cs-128

MAT 5510 MT= 74 (n,n') Level Legendre Coefficients 55-Cs-128

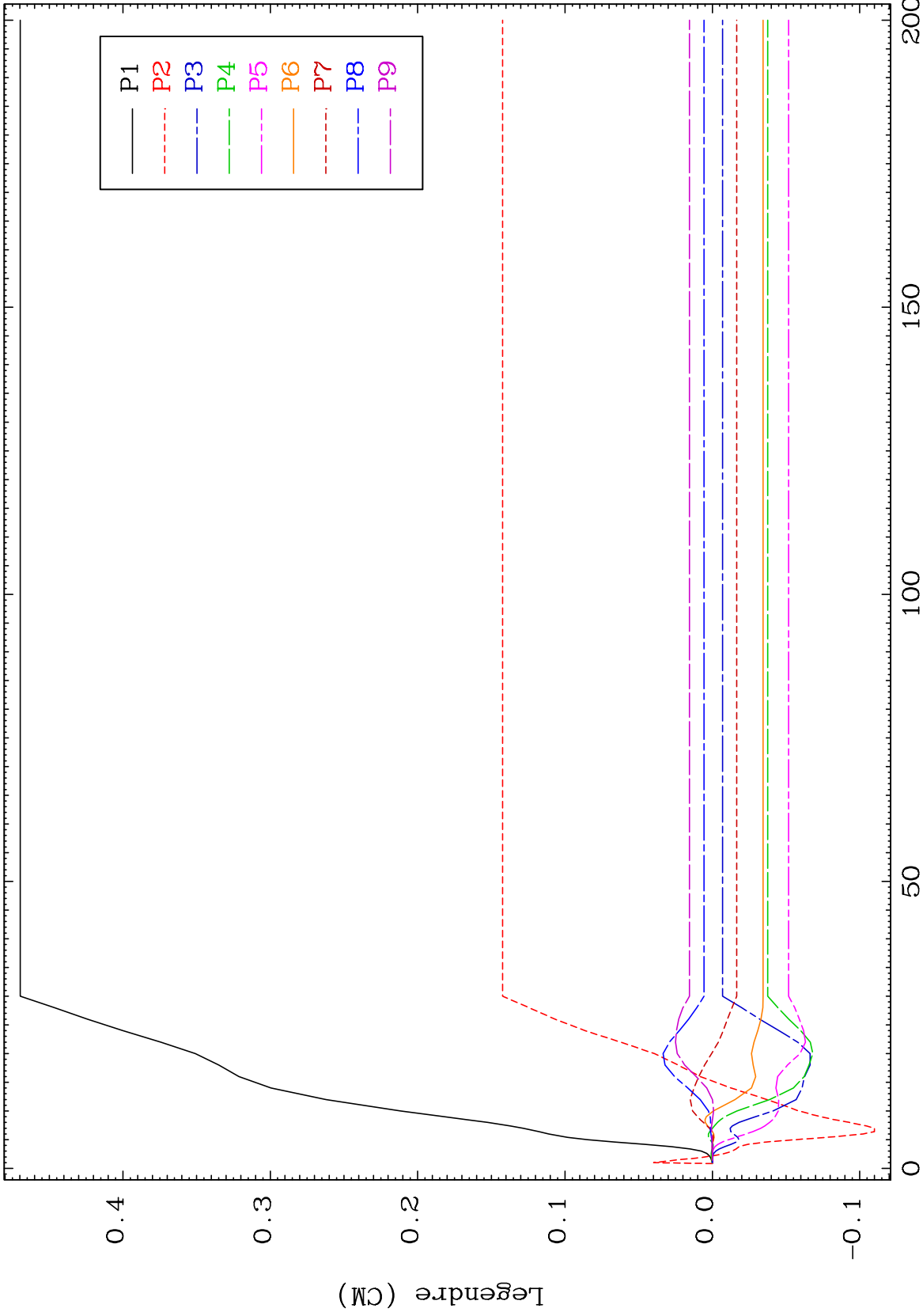


102 55-Cs-128

MAT 5510

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

55-Cs-128



103

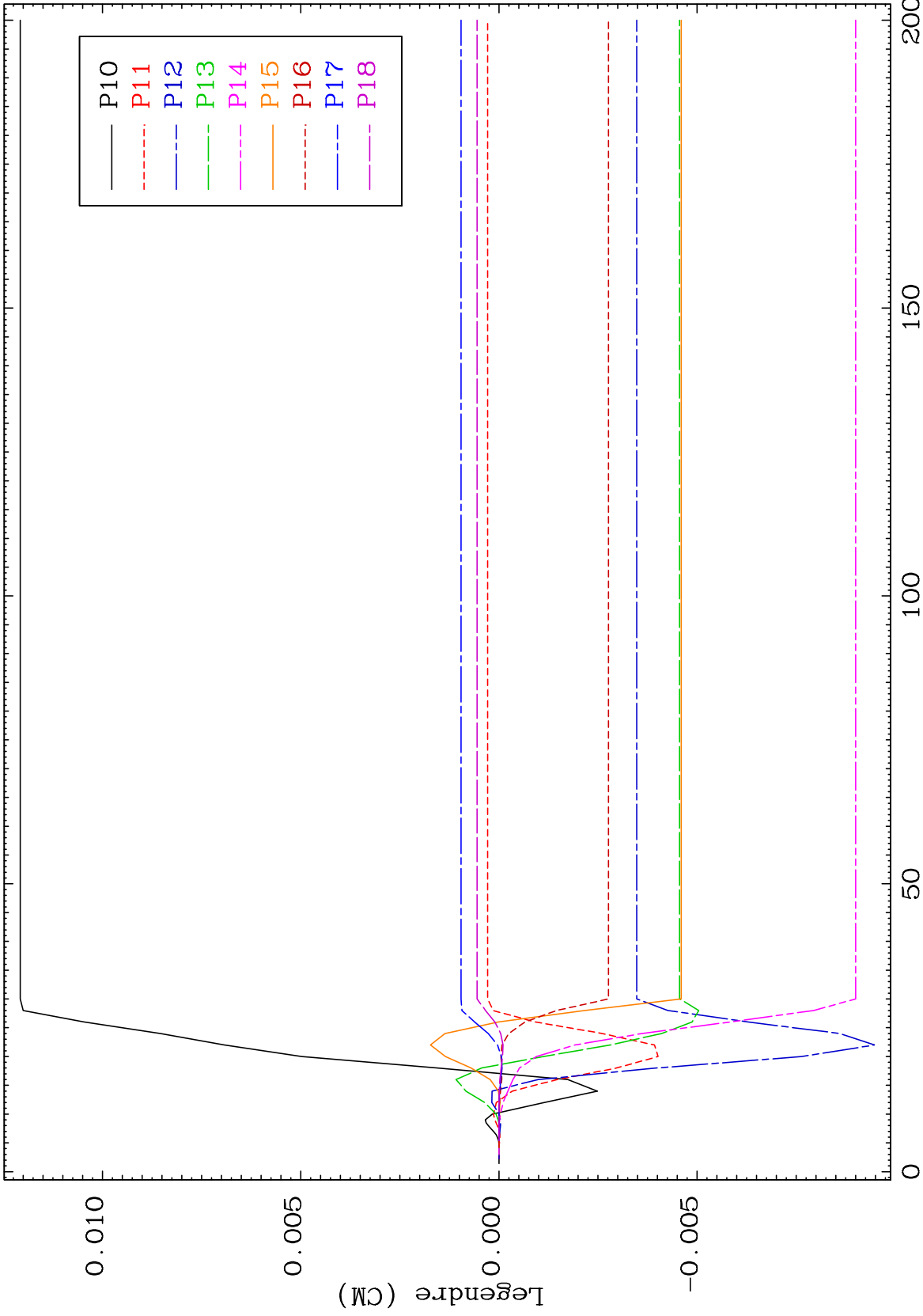
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128

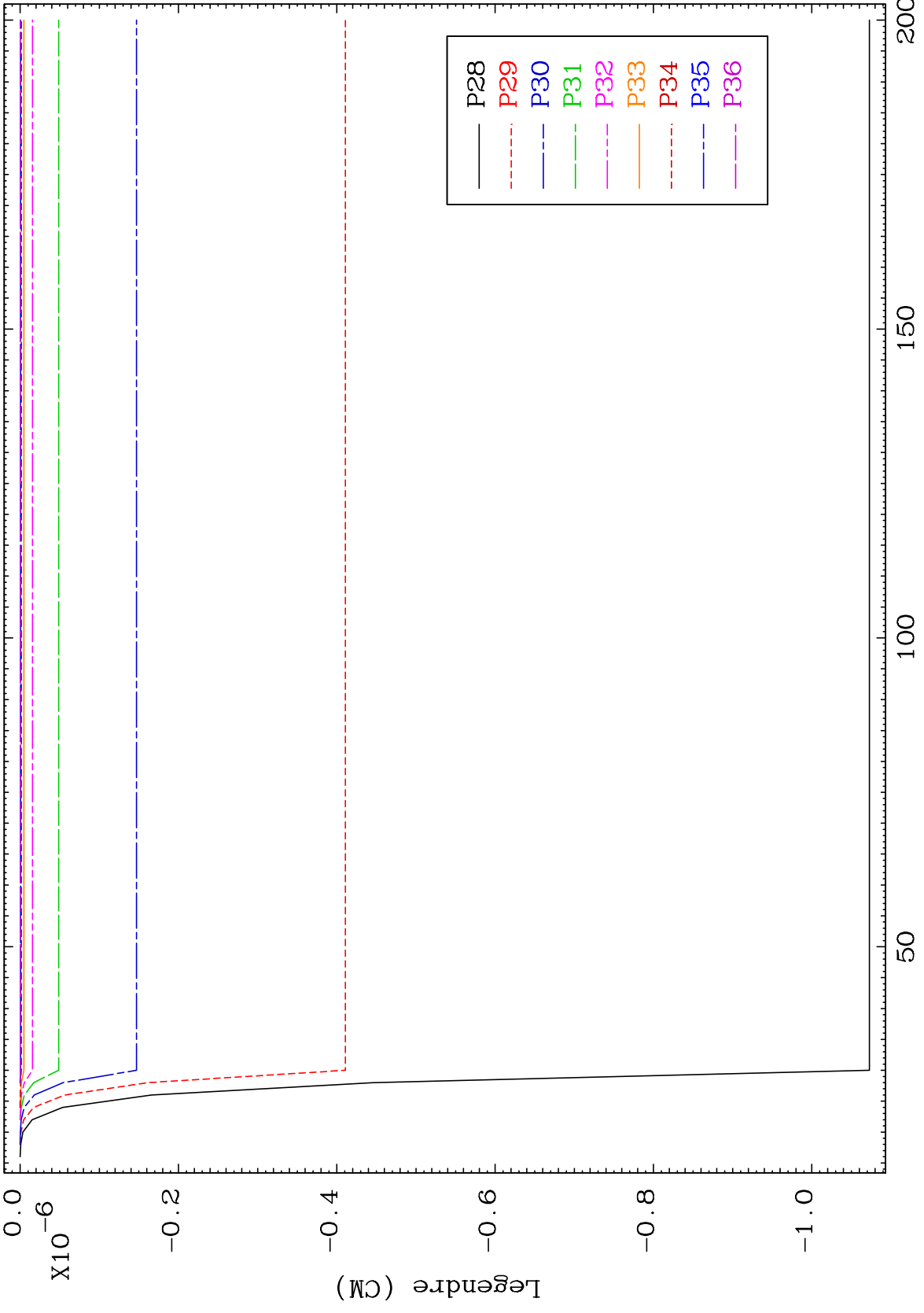


104

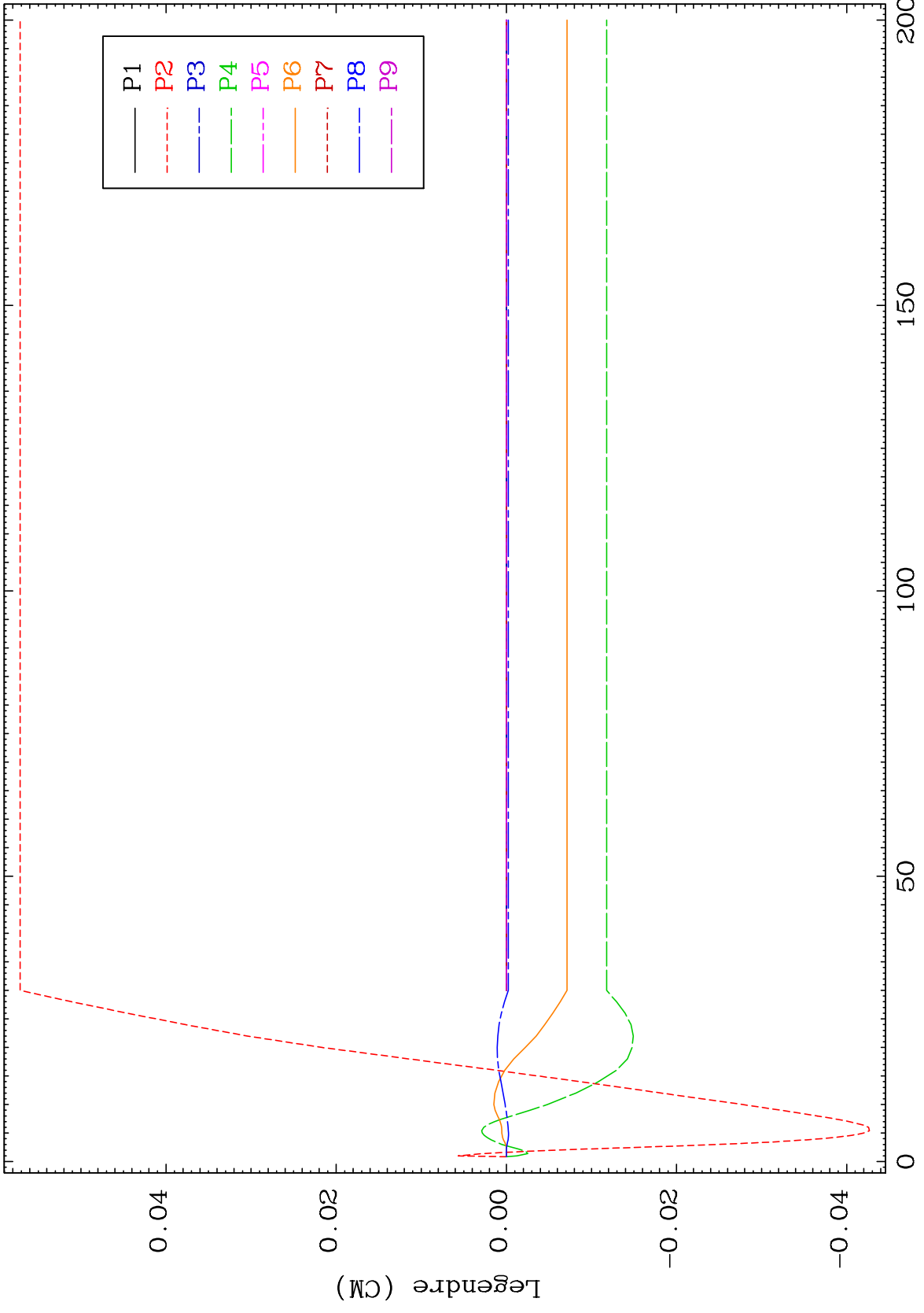
Incident Energy (MeV)

55-Cs-128

MAT 5510 MT= 75 (n,n') Level Legendre Coefficients 55-Cs-128



MAT 5510 MT= 76 (n,n') Level Legendre Coefficients 55-Cs-128

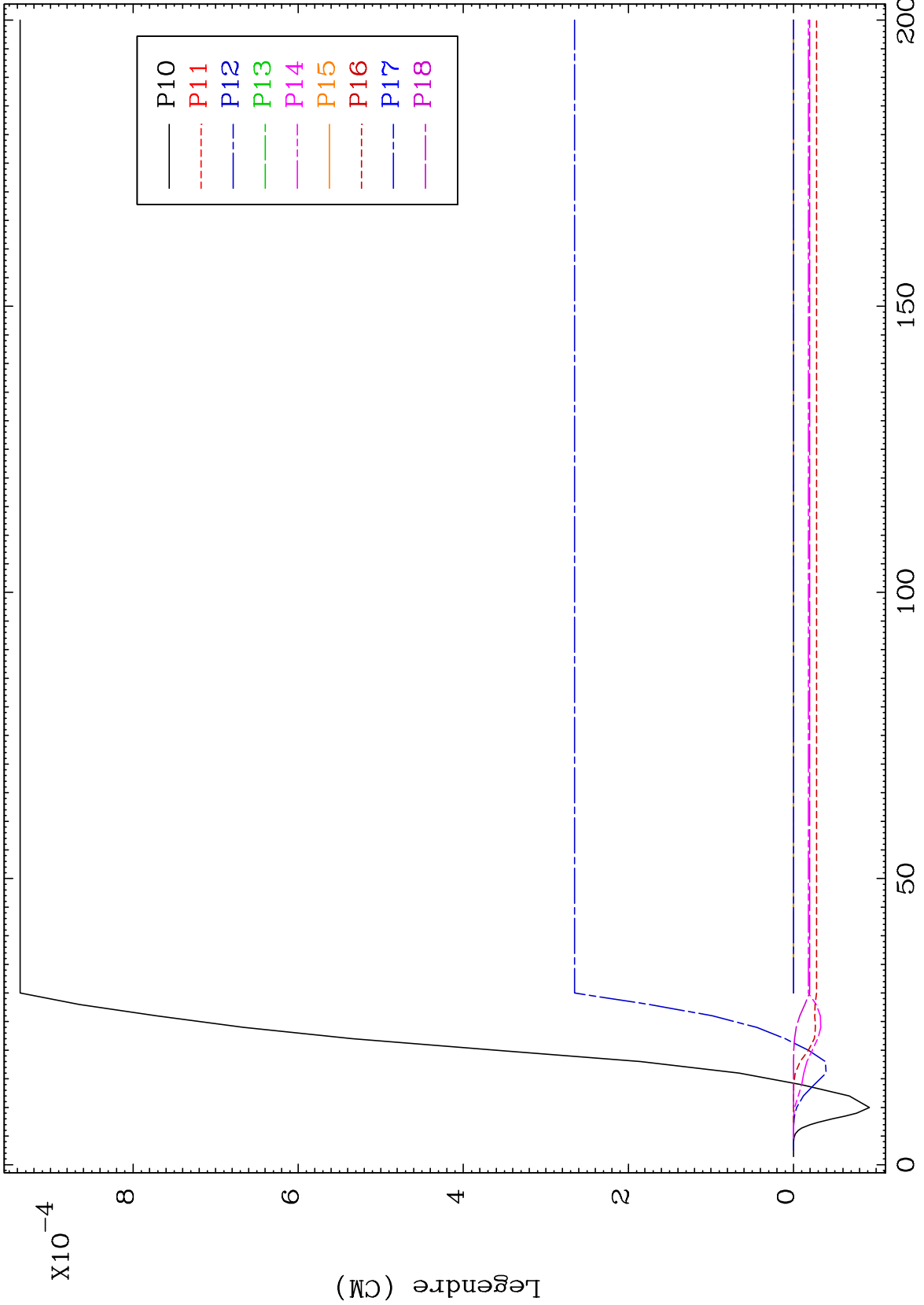


107 55-Cs-128

MAT 5510

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

55-Cs-128

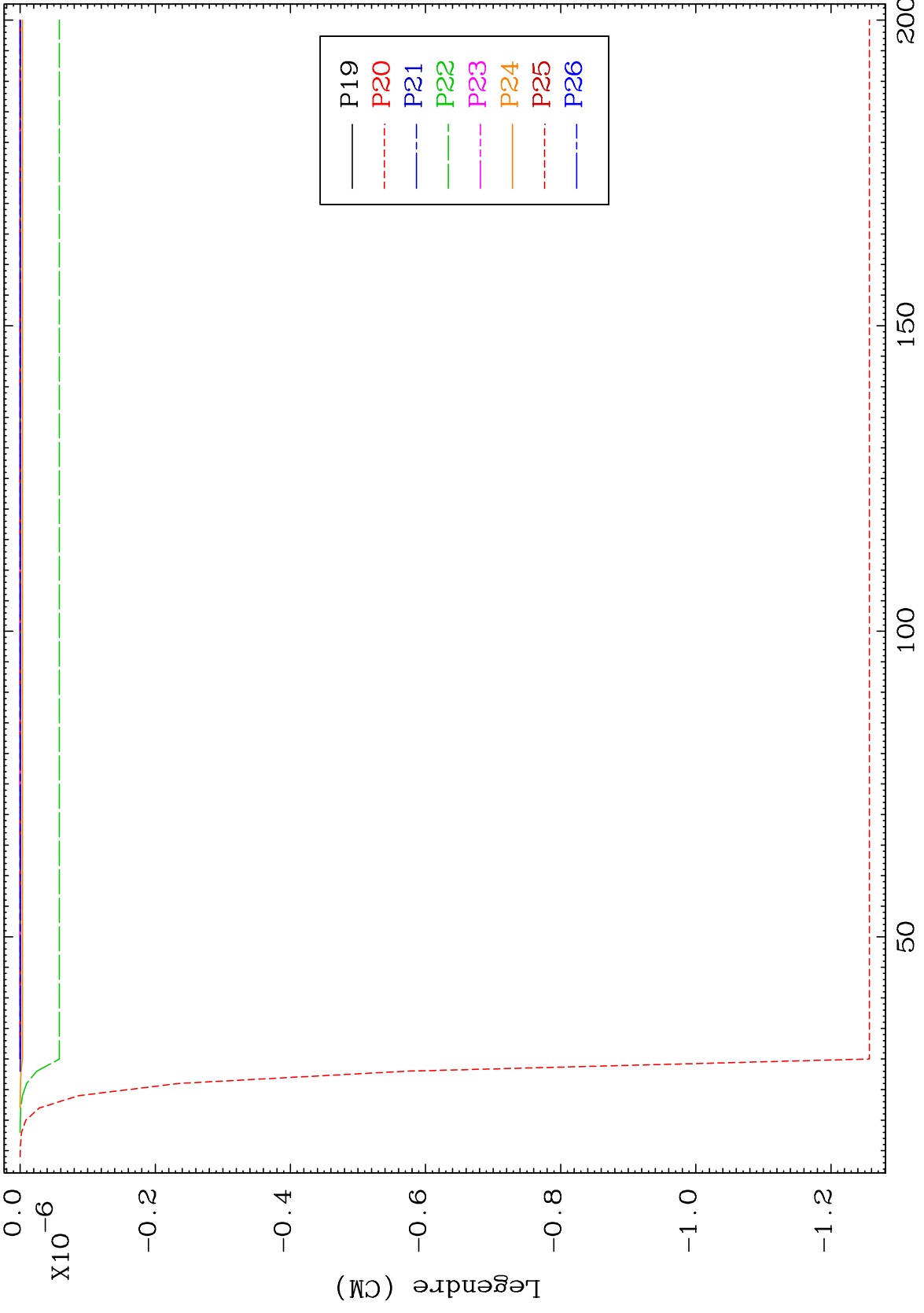


108

Incident Energy (MeV)

55-Cs-128

MAT 5510 MT= 76 (n,n') Level Legendre Coefficients 55-Cs-128

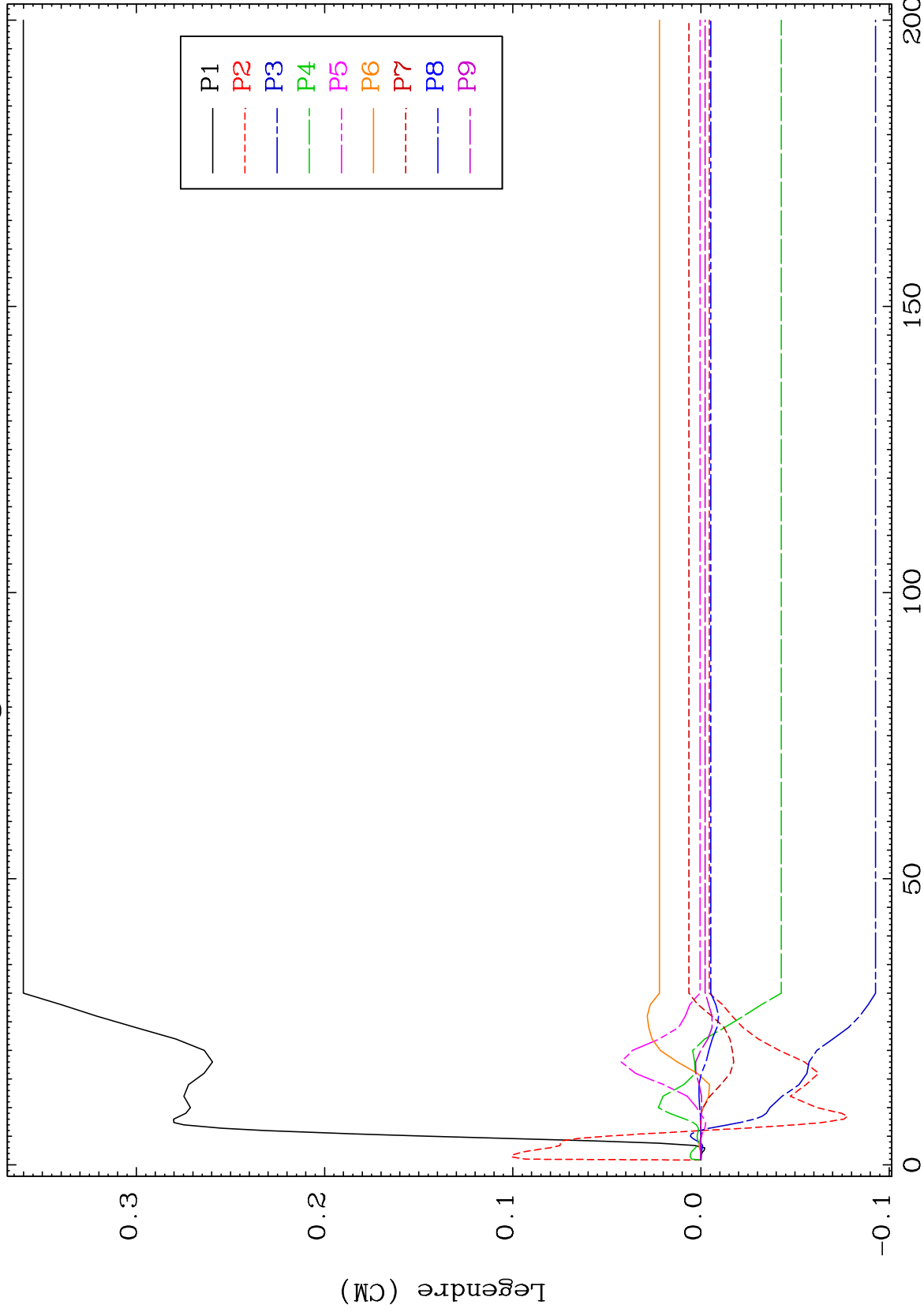


109 55-Cs-128

MAT 5510

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

55-Cs-128



55-Cs-128

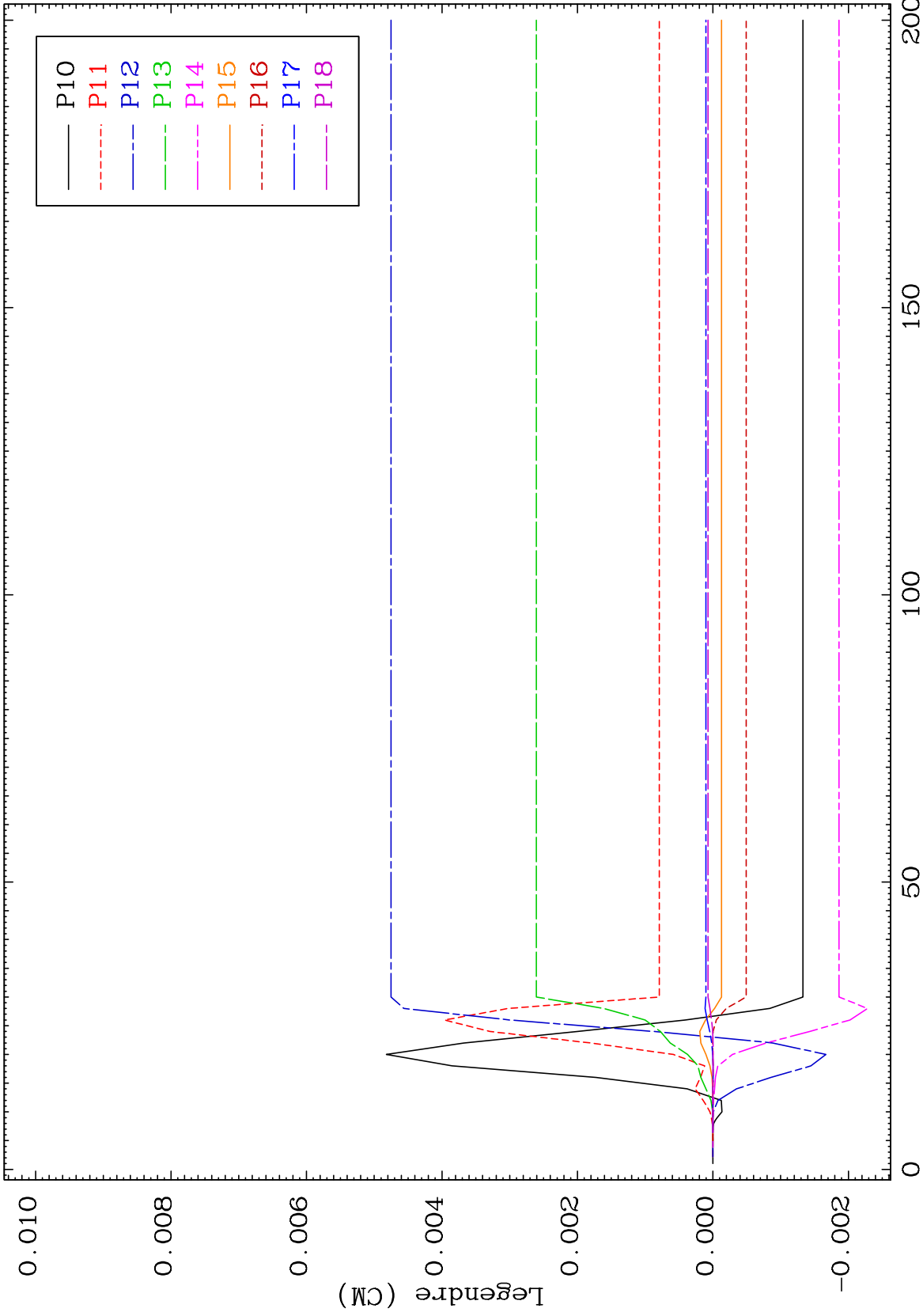
Incident Energy (MeV)

110

MAT 5510

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

55-Cs-128



111

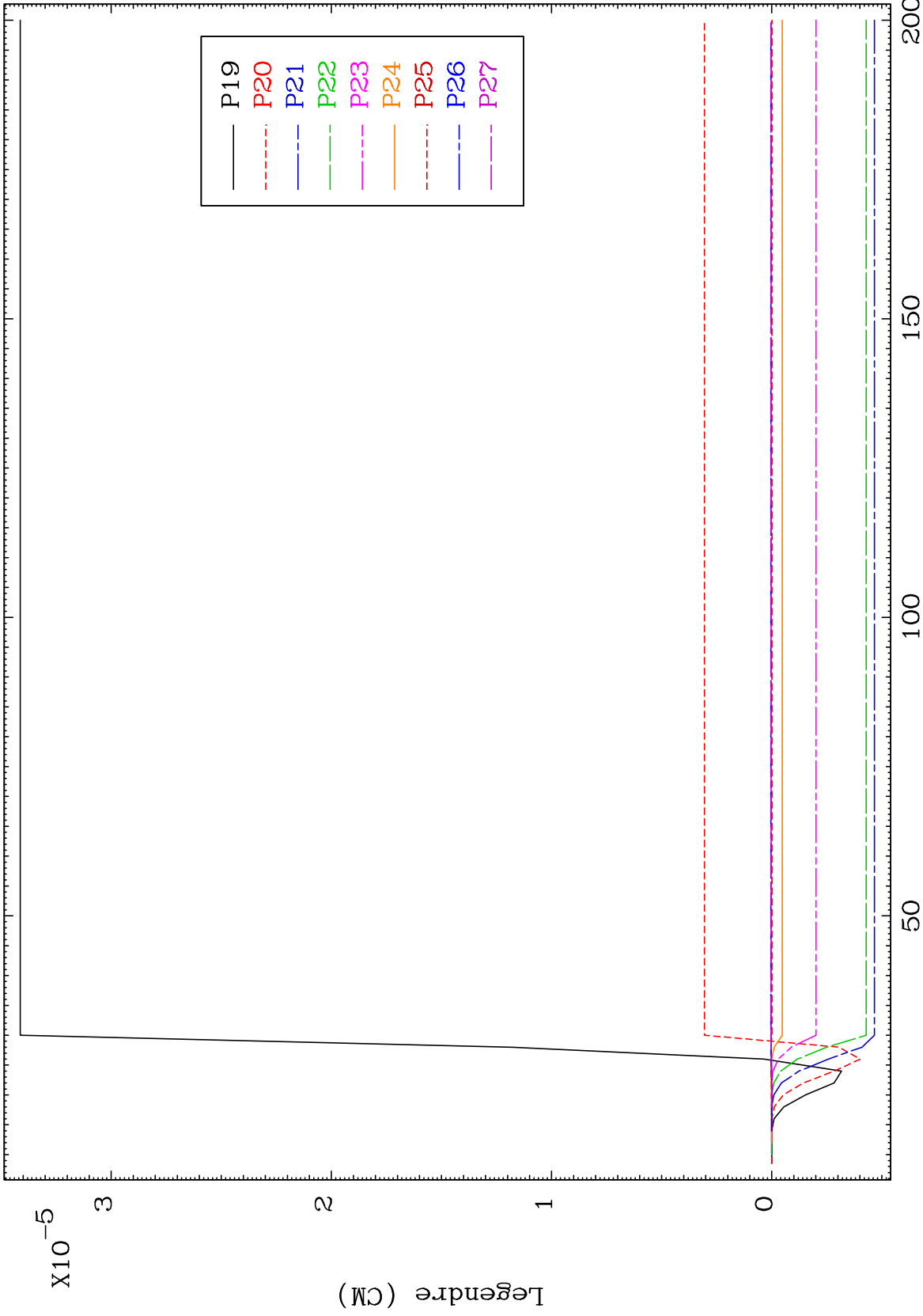
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



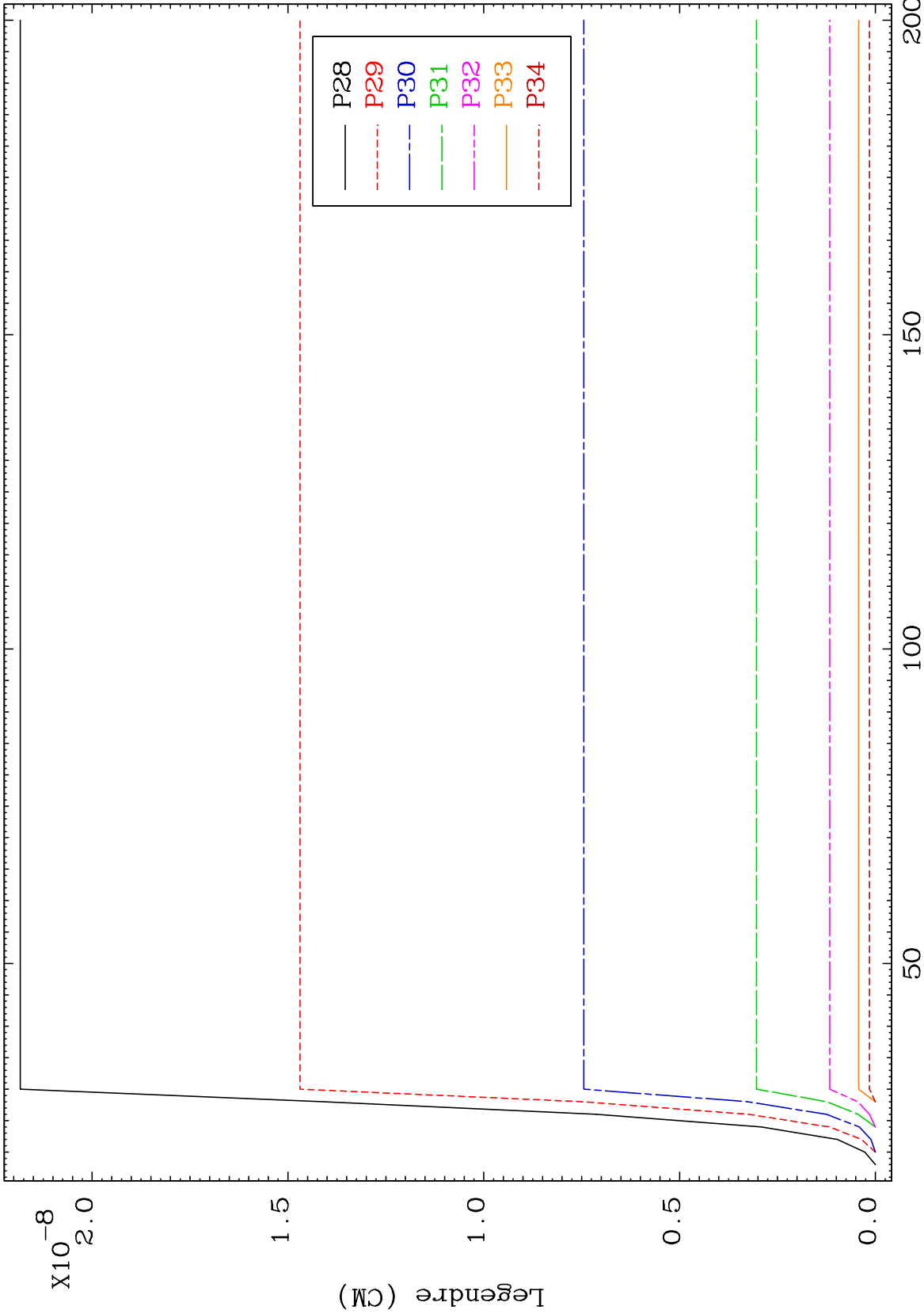
112

55-Cs-128

MAT 5510

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

55-Cs-128

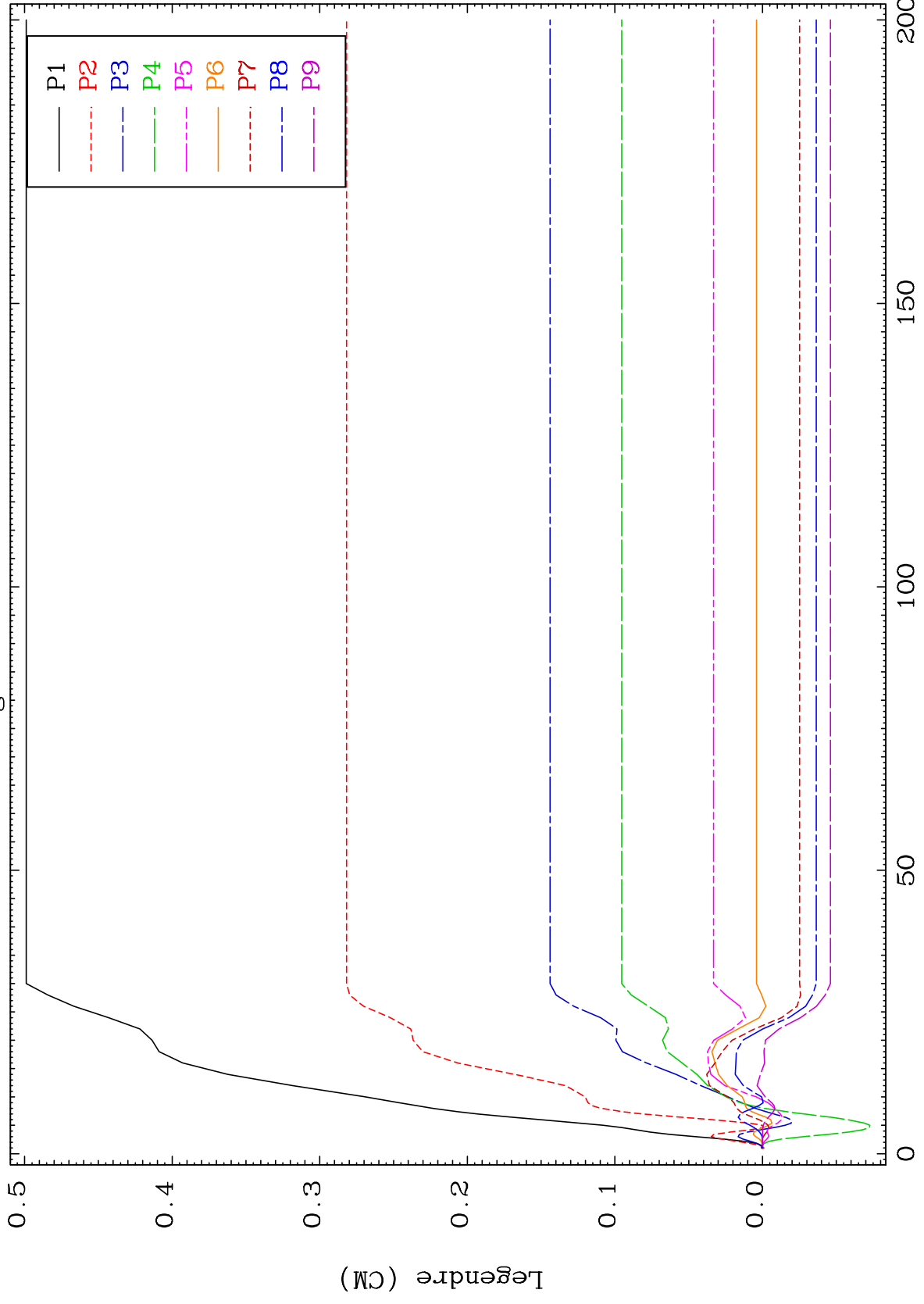


113

Incident Energy (MeV)

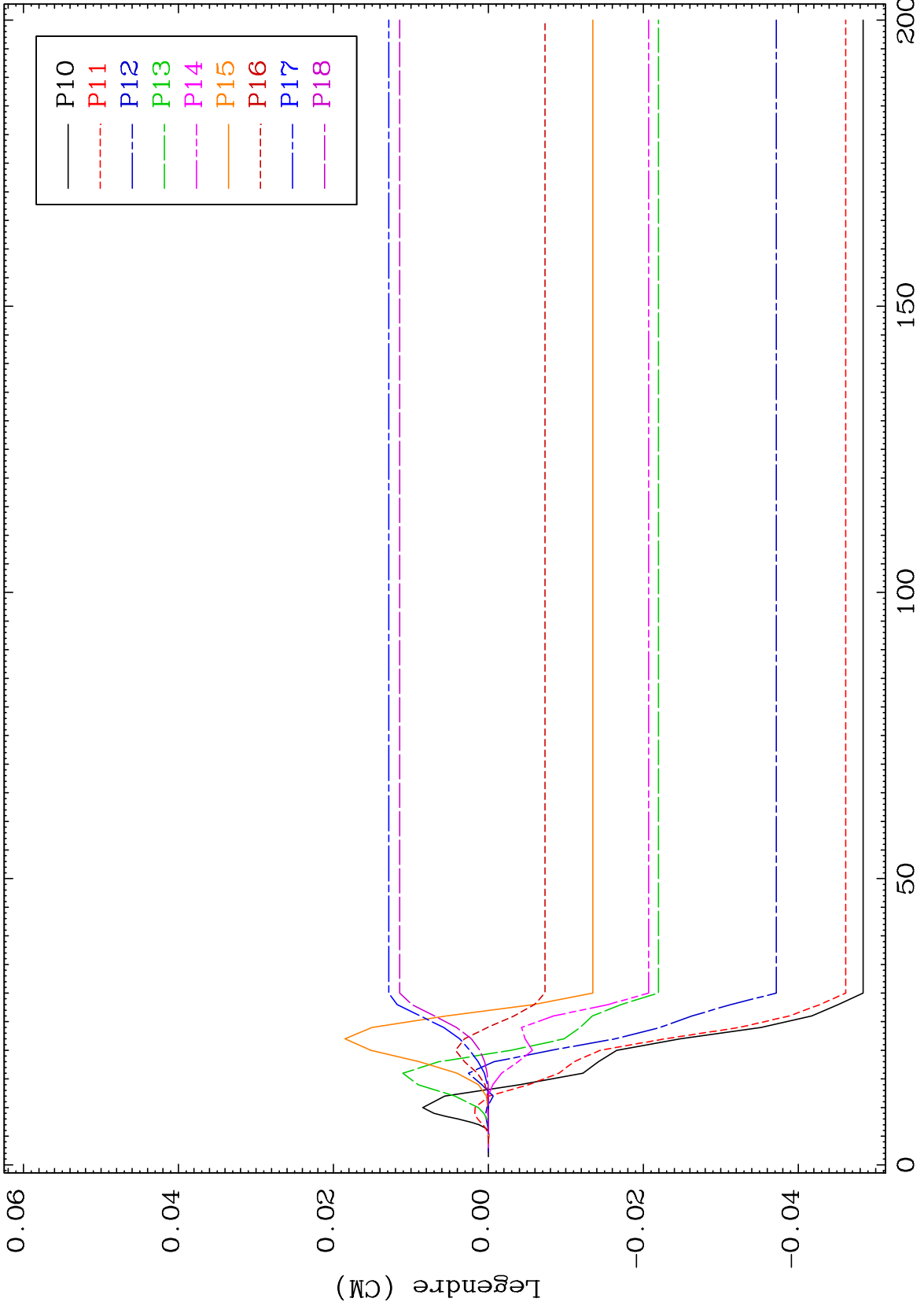
55-Cs-128

MAT 5510 MT= 78 (n,n') Level Legendre Coefficients 55-Cs-128



114 55-Cs-128

MAT 5510 MT= 78 (n,n') Level Legendre Coefficients 55-Cs-128

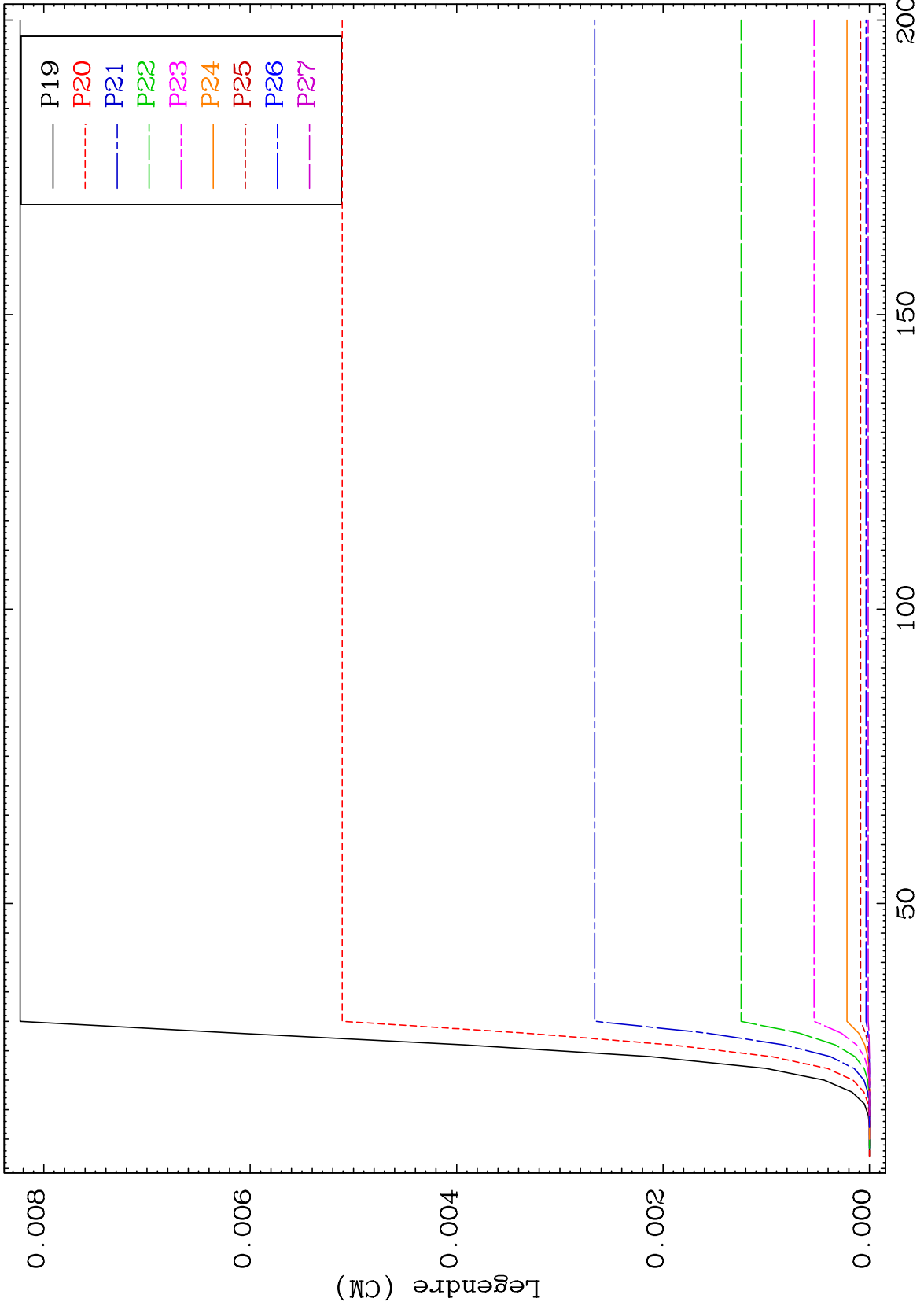


115 Incident Energy (MeV) 55-Cs-128

MAT 5510

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

55-Cs-128



116

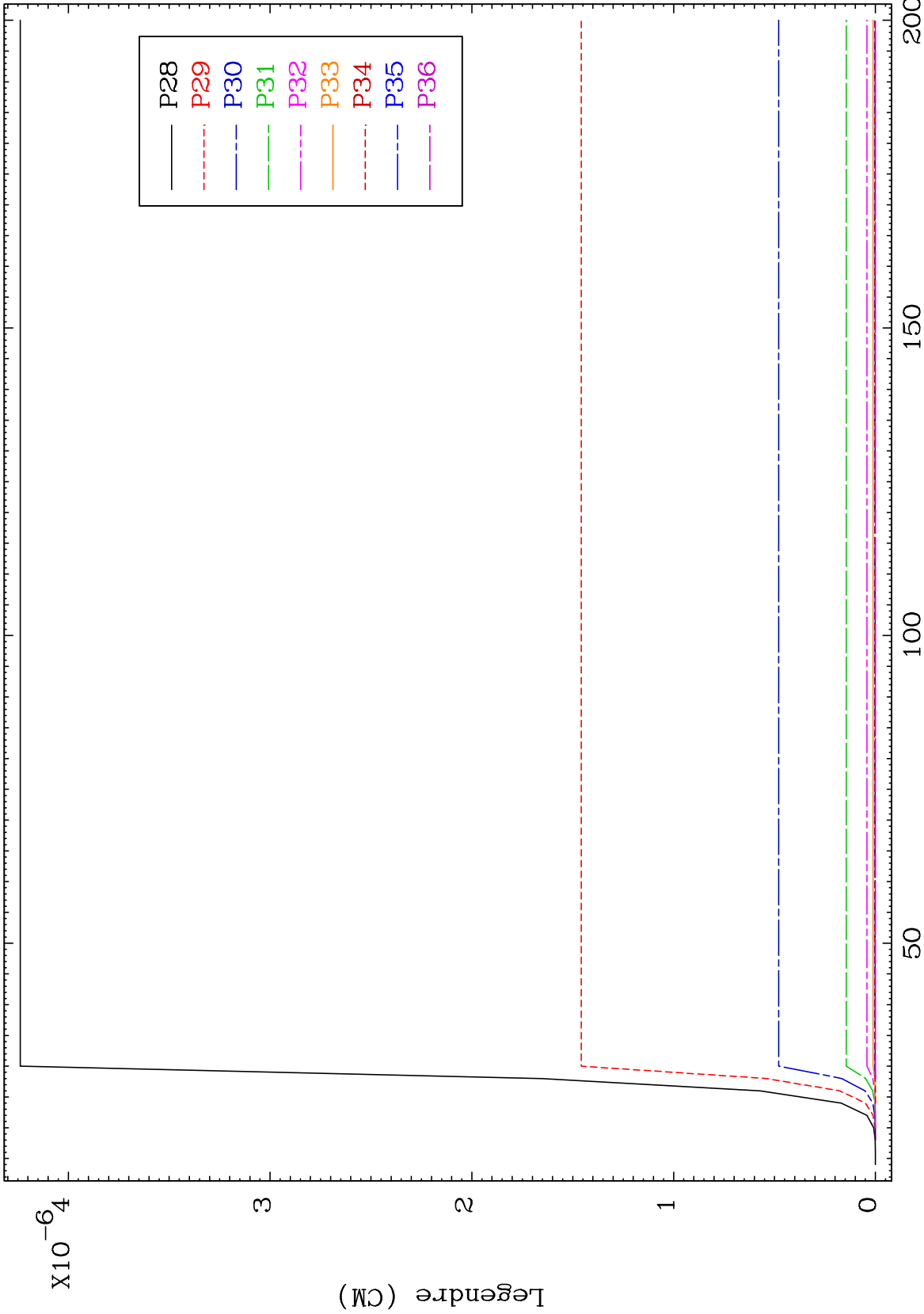
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



117

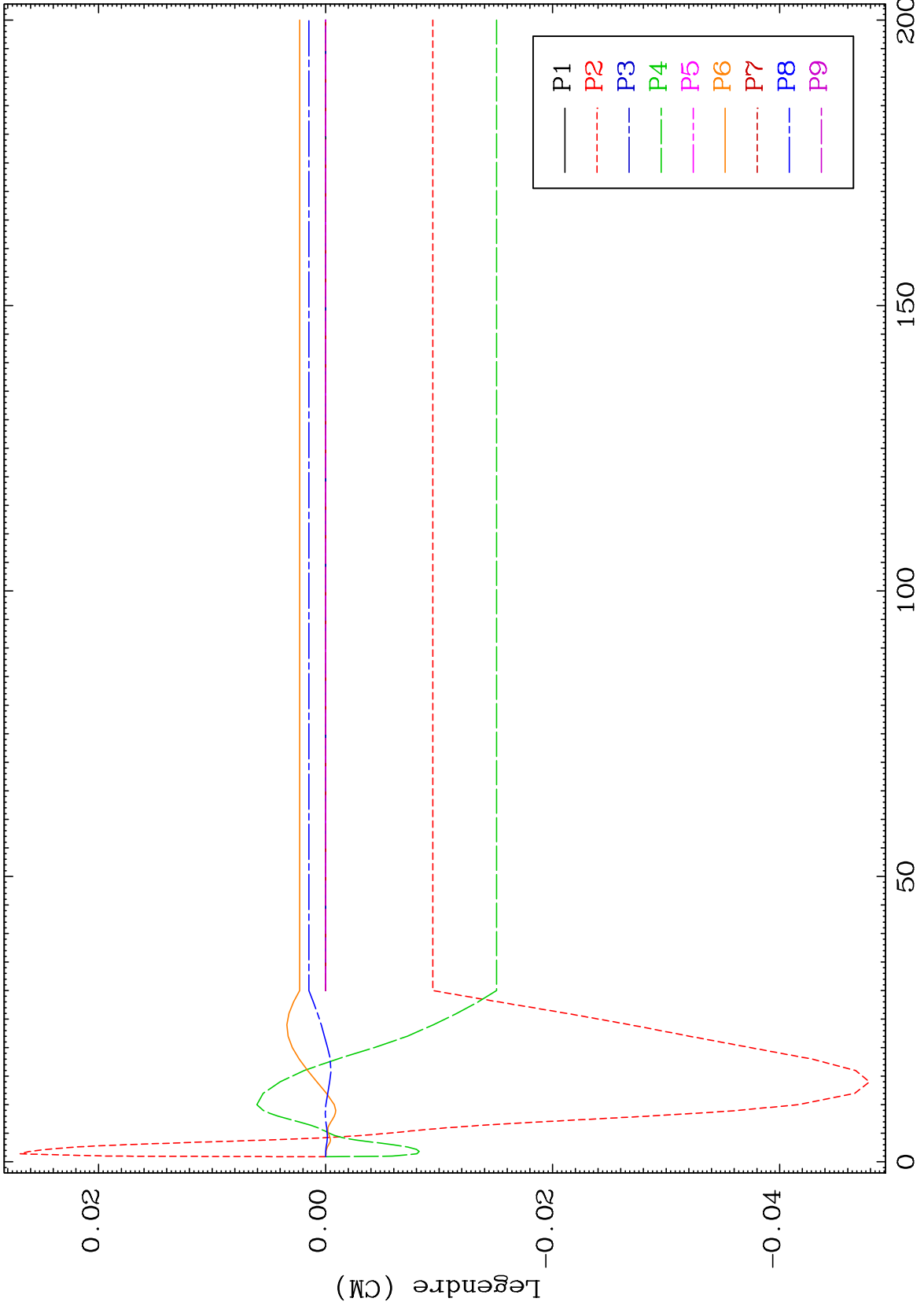
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128

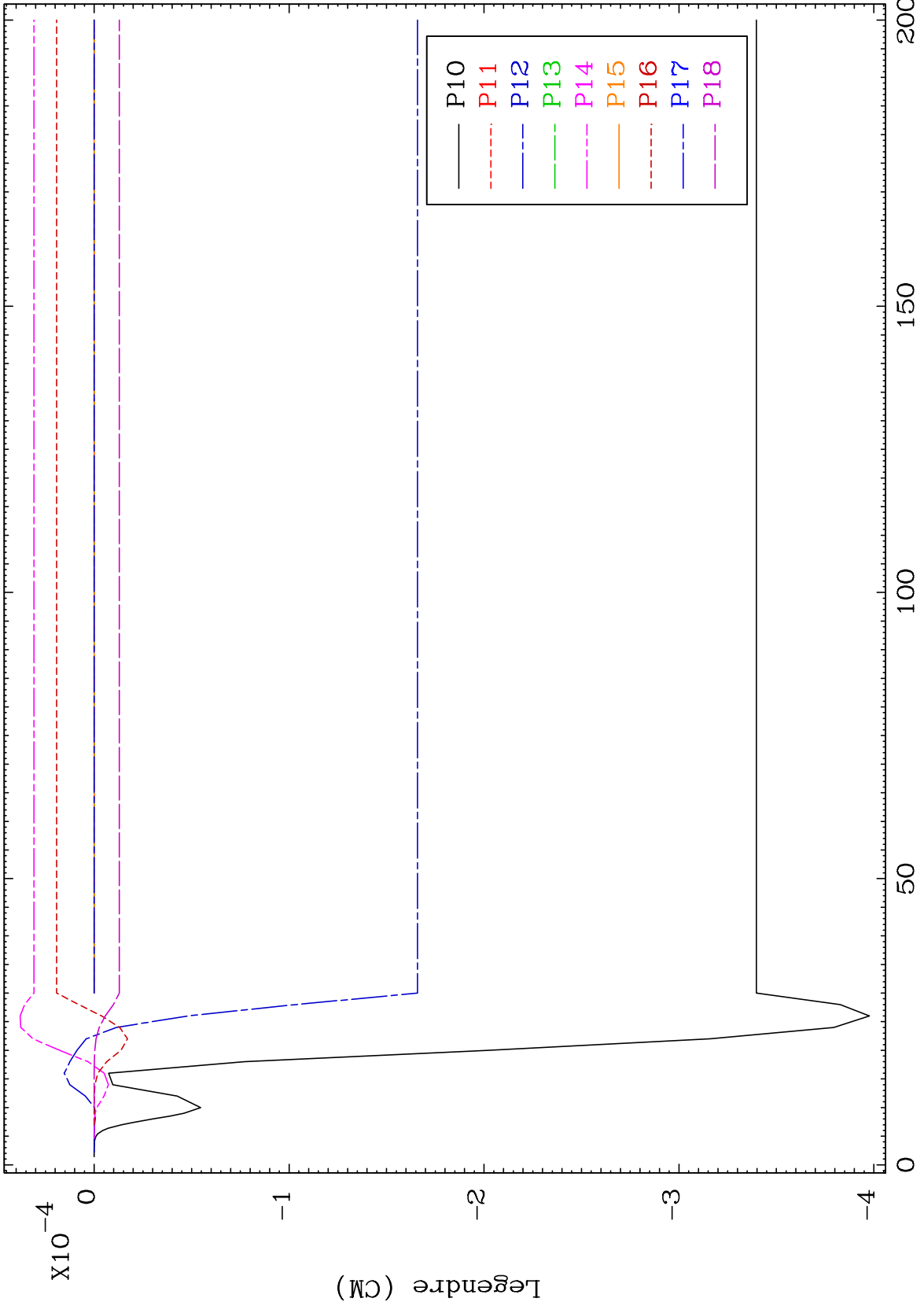


55-Cs-128

Incident Energy (MeV)

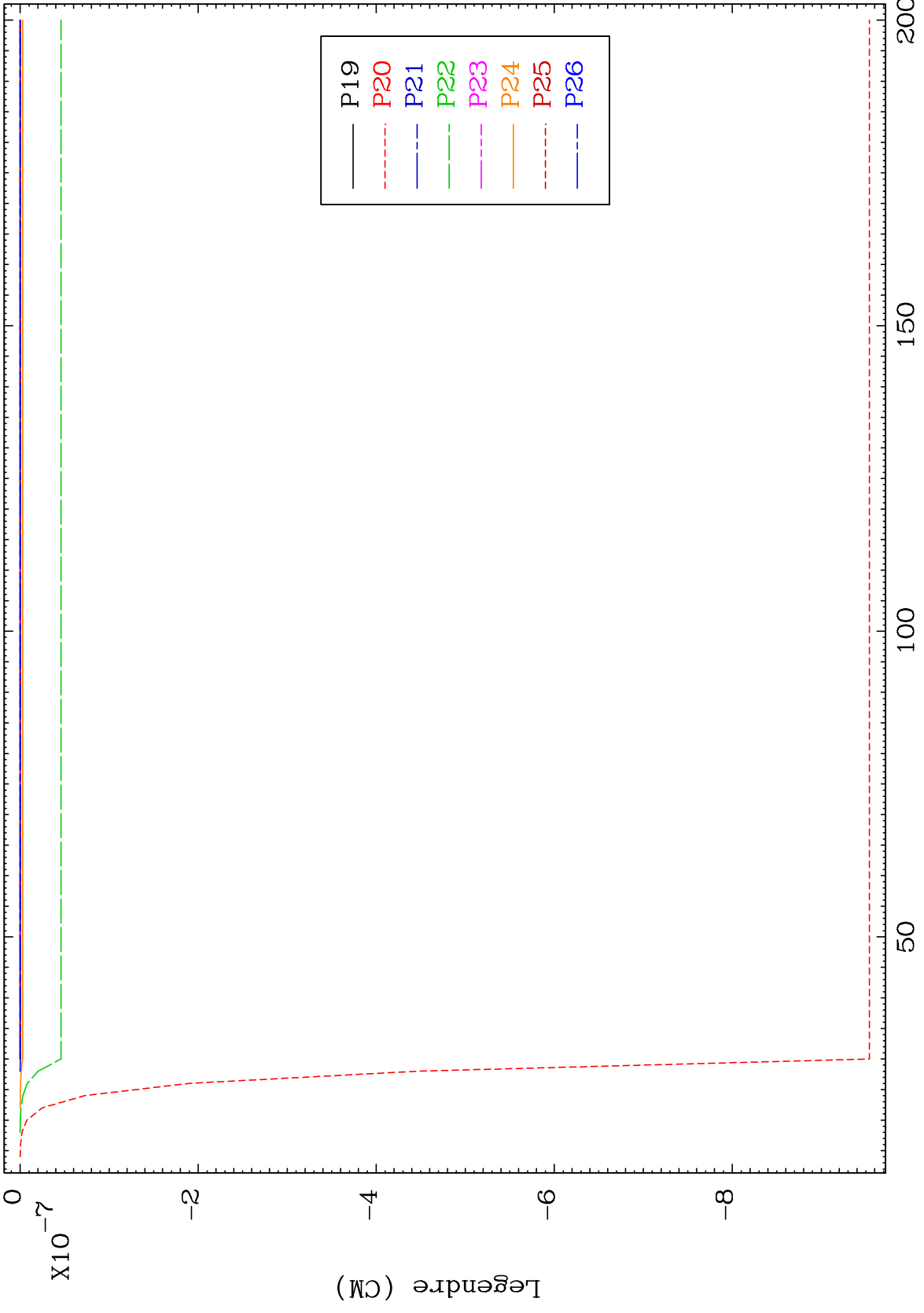
118

MAT 5510 MT= 79 (n,n') Level Legendre Coefficients 55-Cs-128



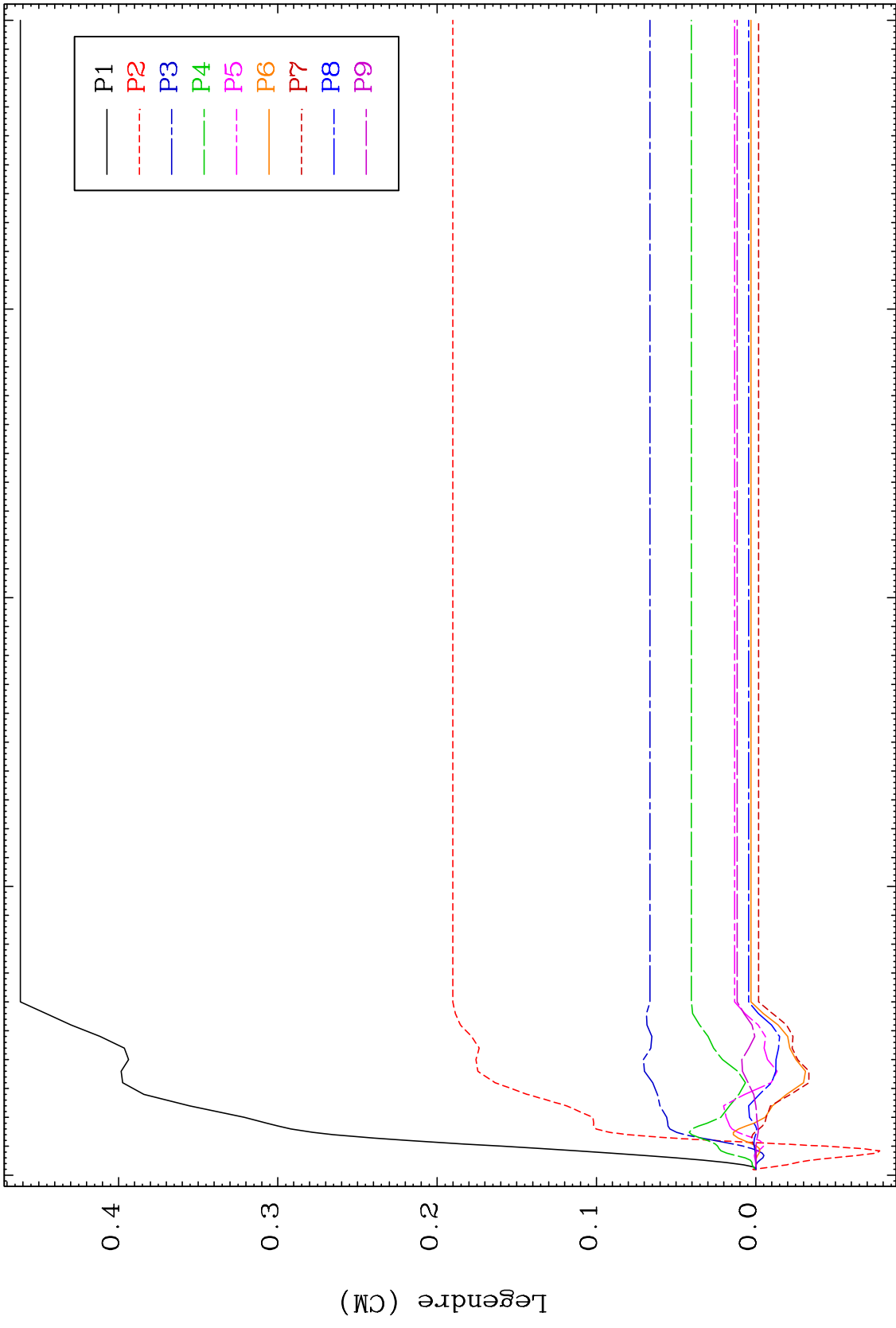
119 Incident Energy (MeV) 55-Cs-128

MAT 5510 MT= 79 (n,n') Level Legendre Coefficients 55-Cs-128



120 50 100 150 200 55-Cs-128

MAT 5510 MT= 80 (n,n') Level Legendre Coefficients 55-Cs-128

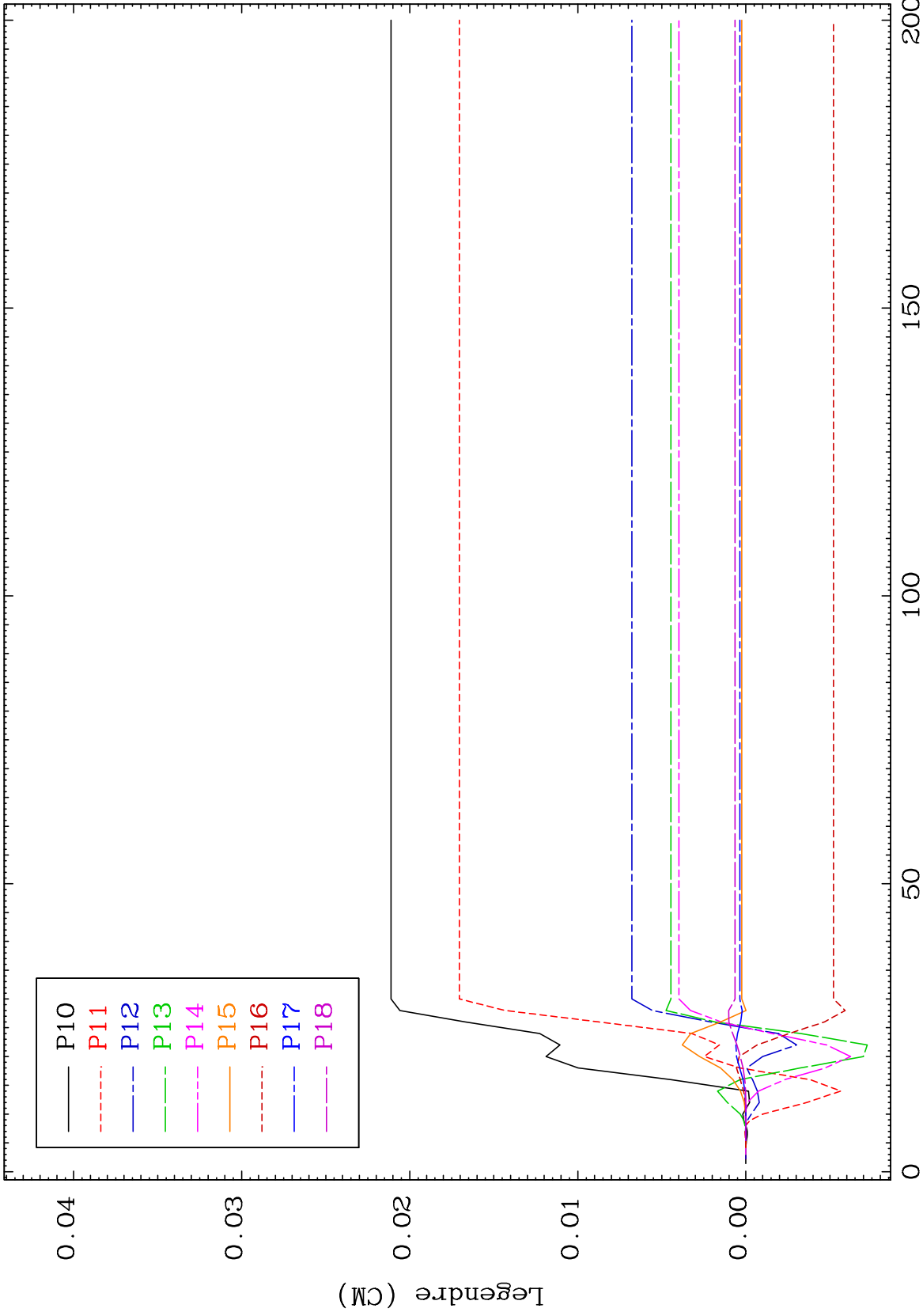


121 Incident Energy (MeV) 55-Cs-128

MAT 5510

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

55-Cs-128

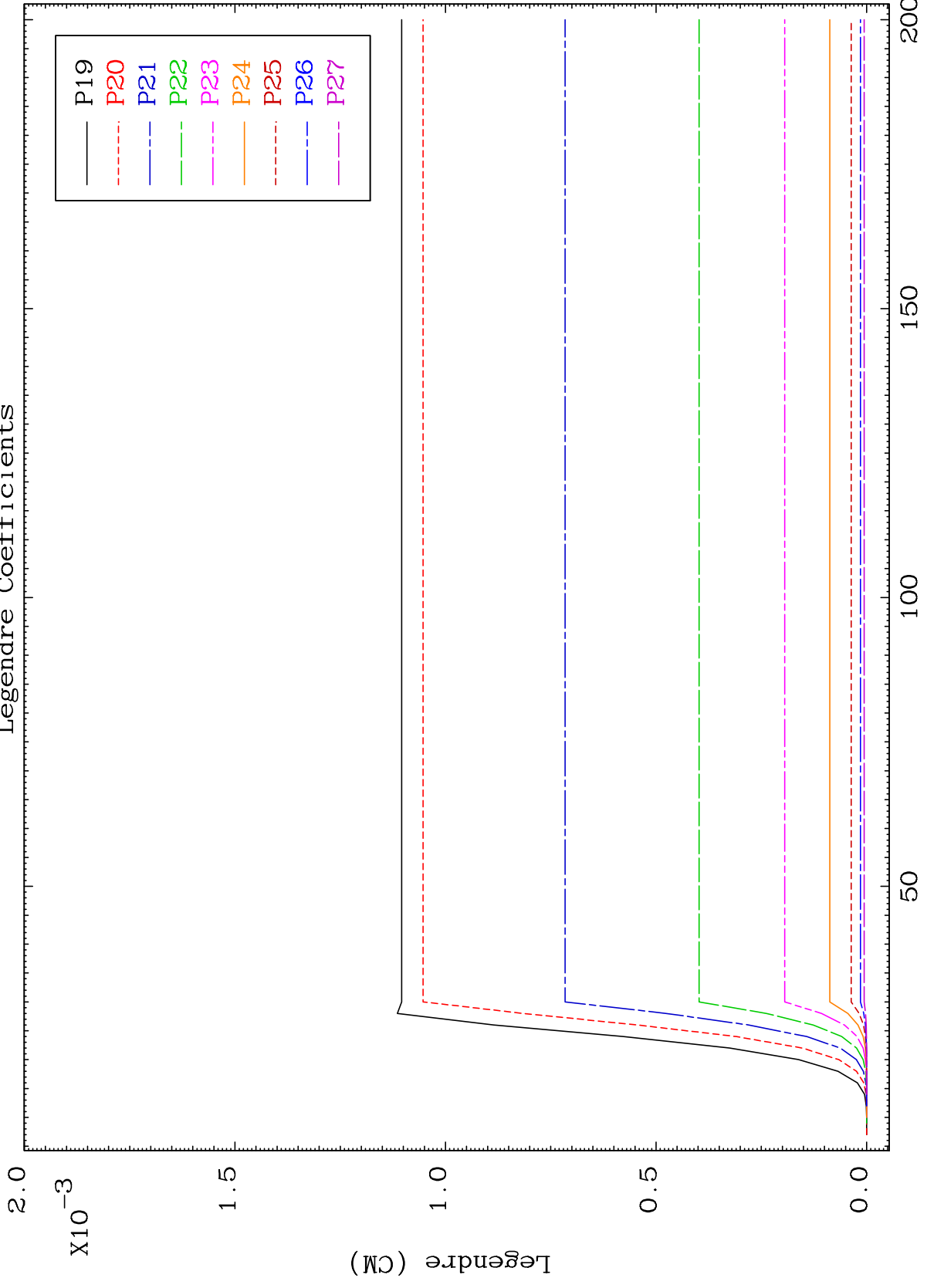


122

Incident Energy (MeV)

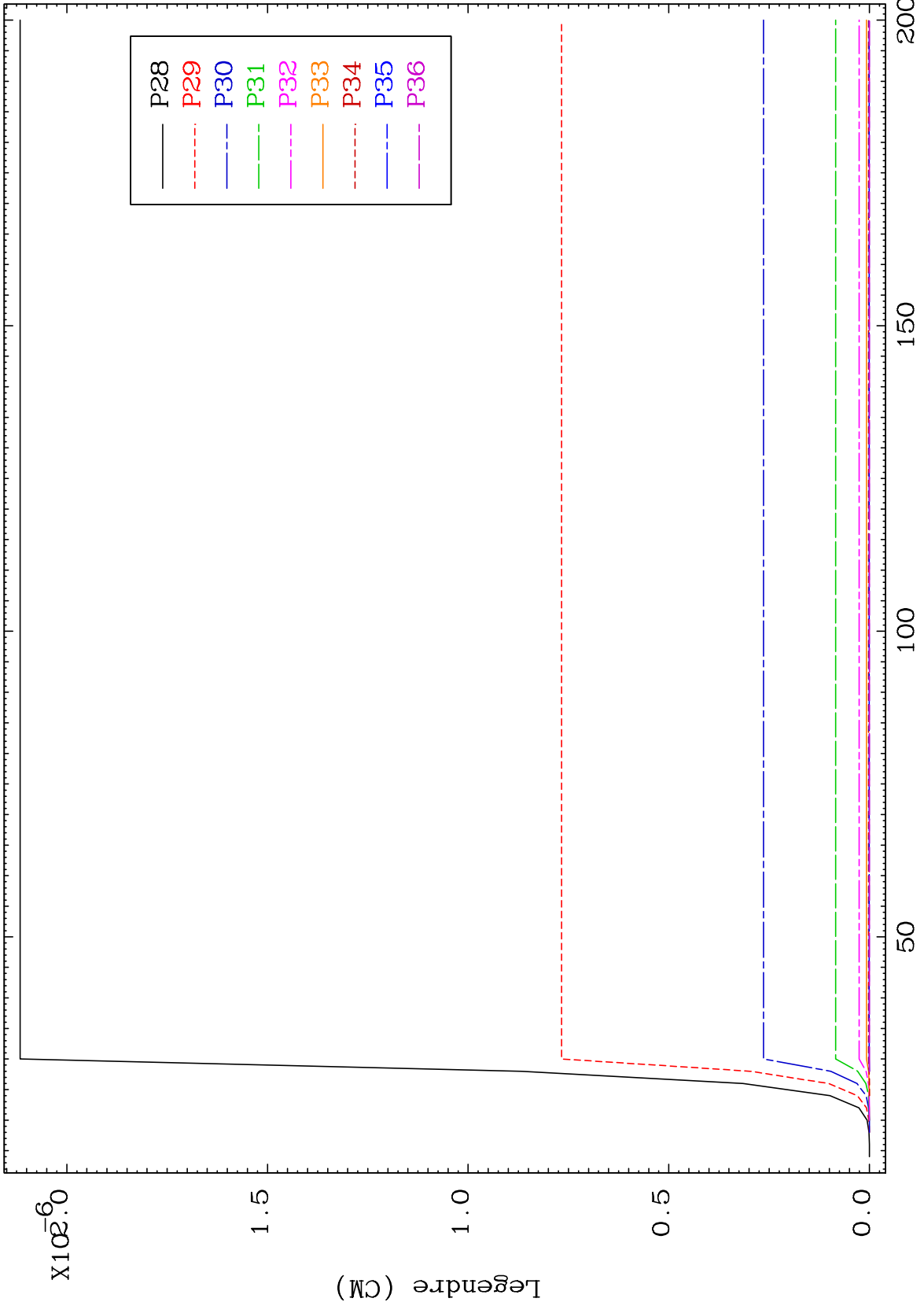
55-Cs-128

MAT 5510 MT= 80 (n,n') Level Legendre Coefficients 55-Cs-128



123 55-Cs-128

MAT 5510 MT= 80 (n,n') Level Legendre Coefficients 55-Cs-128



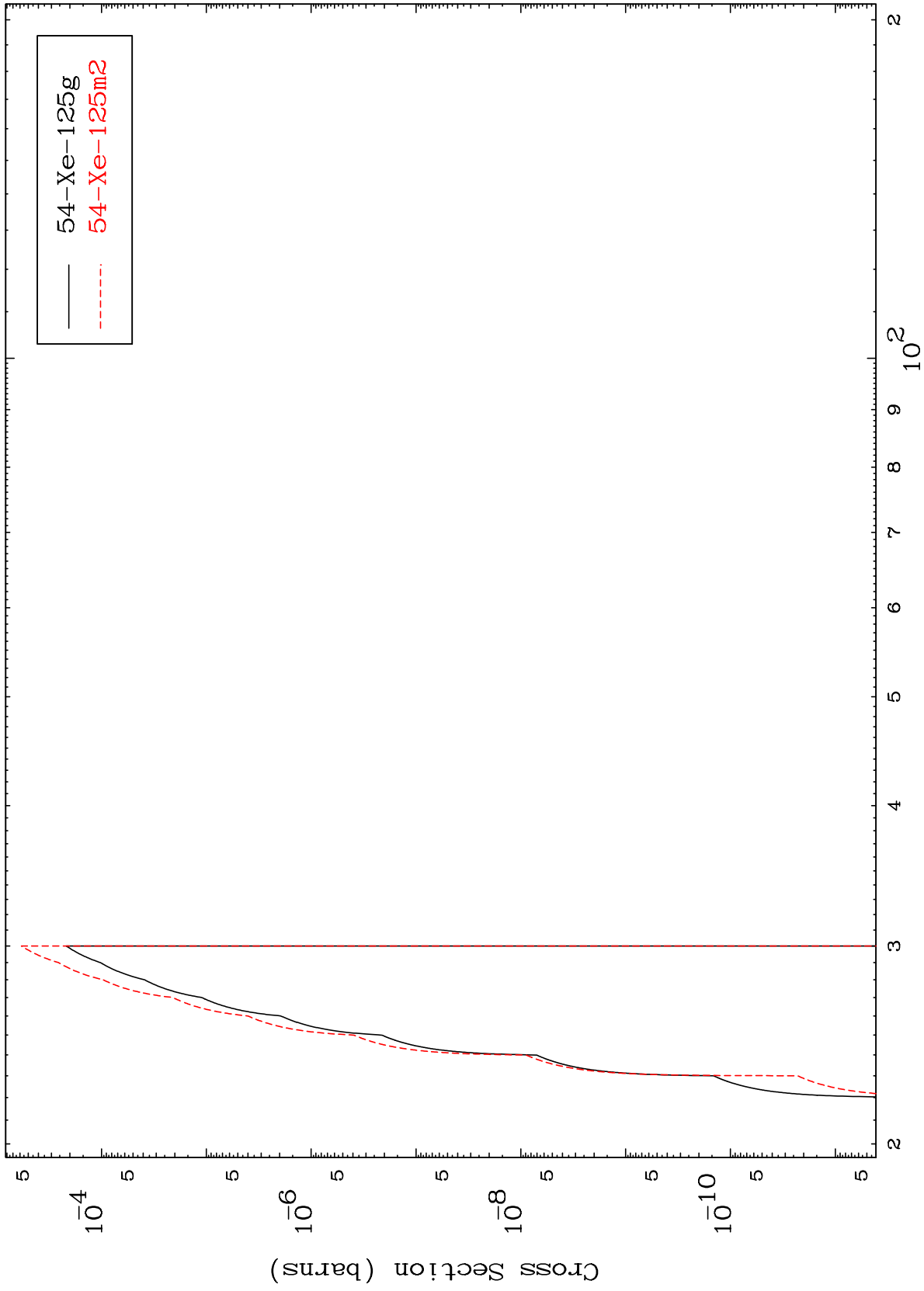
124 55-Cs-128

MAT 5510

(n,2n) d

55-Cs-128

Radionuclide Production Cross Section



125

Incident Energy (MeV)

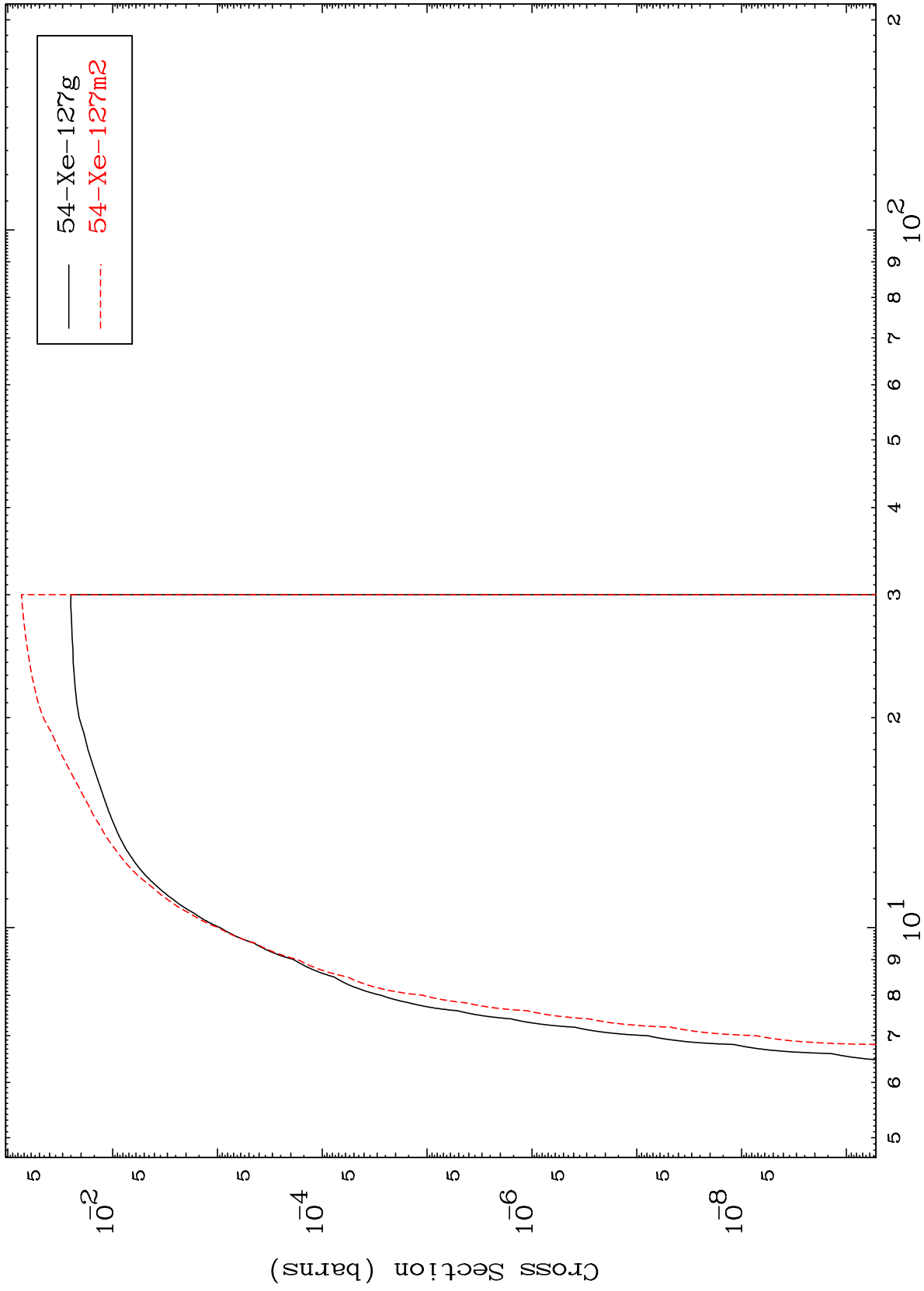
55-Cs-128

MAT 5510

(n,n') p

55-Cs-128

Radionuclide Production Cross Section



126

Incident Energy (MeV)

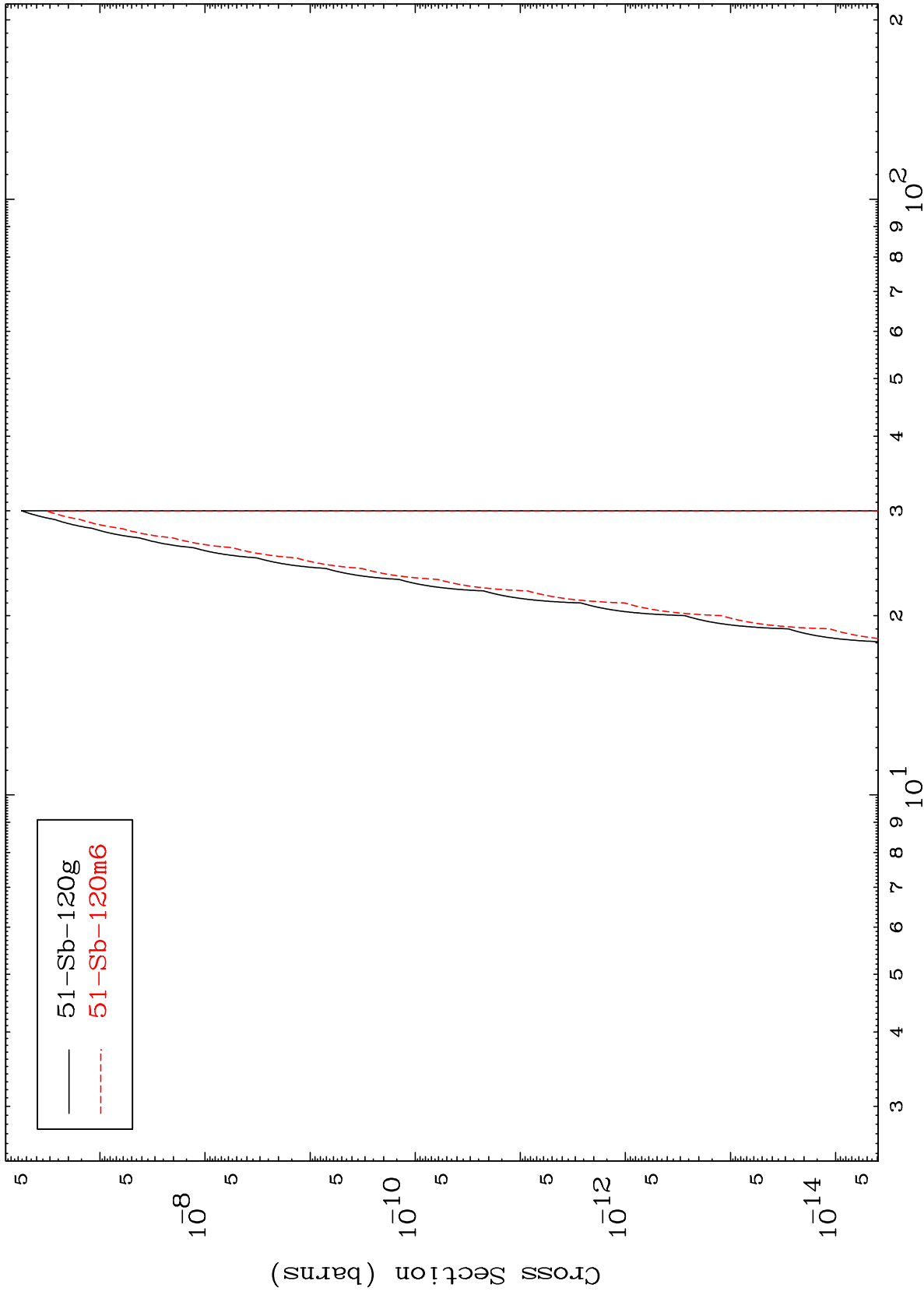
55-Cs-128

MAT 5510

(n,n') 2α

55-Cs-128

Radionuclide Production Cross Section



127

Incident Energy (MeV)

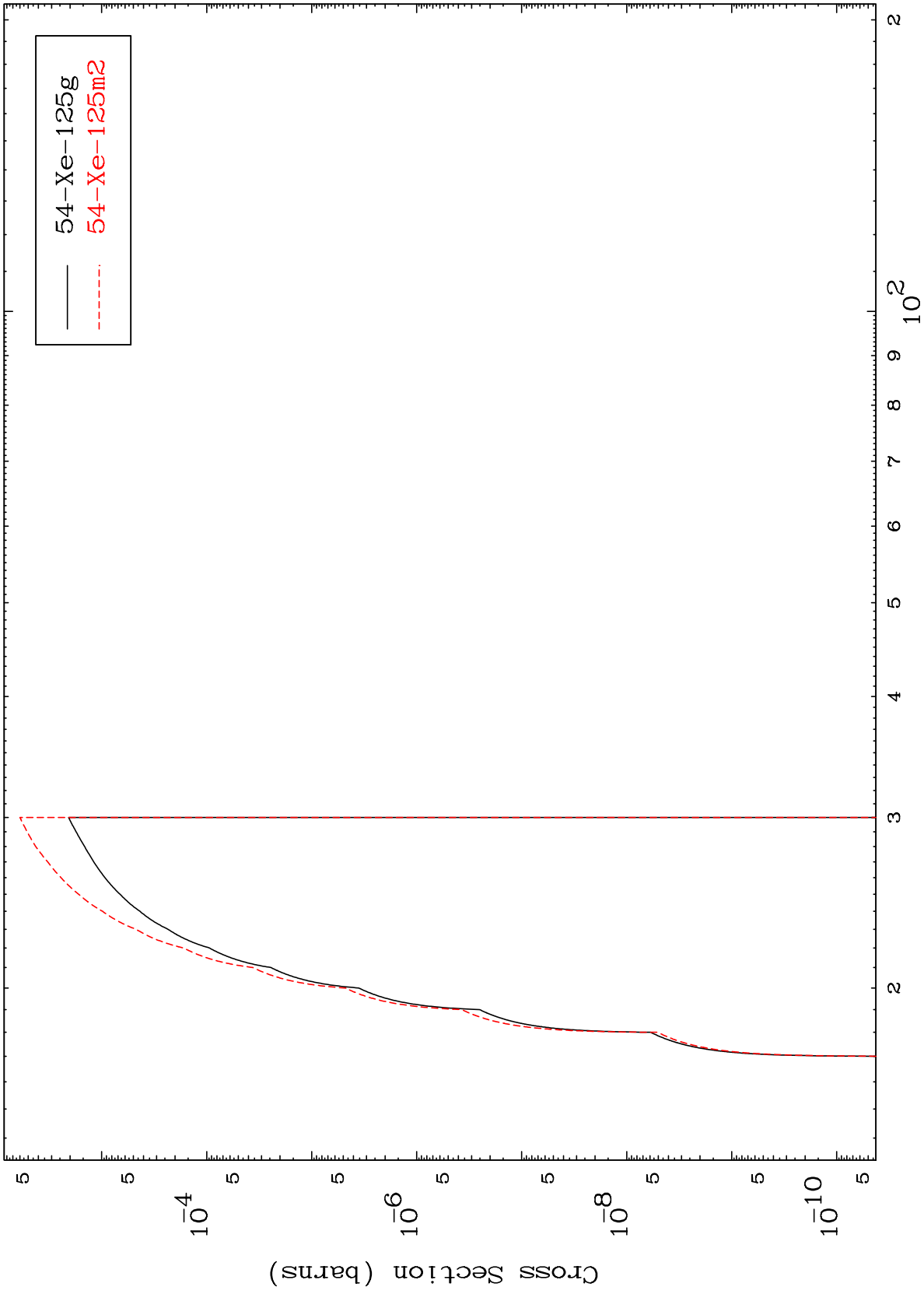
55-Cs-128

MAT 5510

(n,n') t

55-Cs-128

Radionuclide Production Cross Section



128

Incident Energy (MeV)

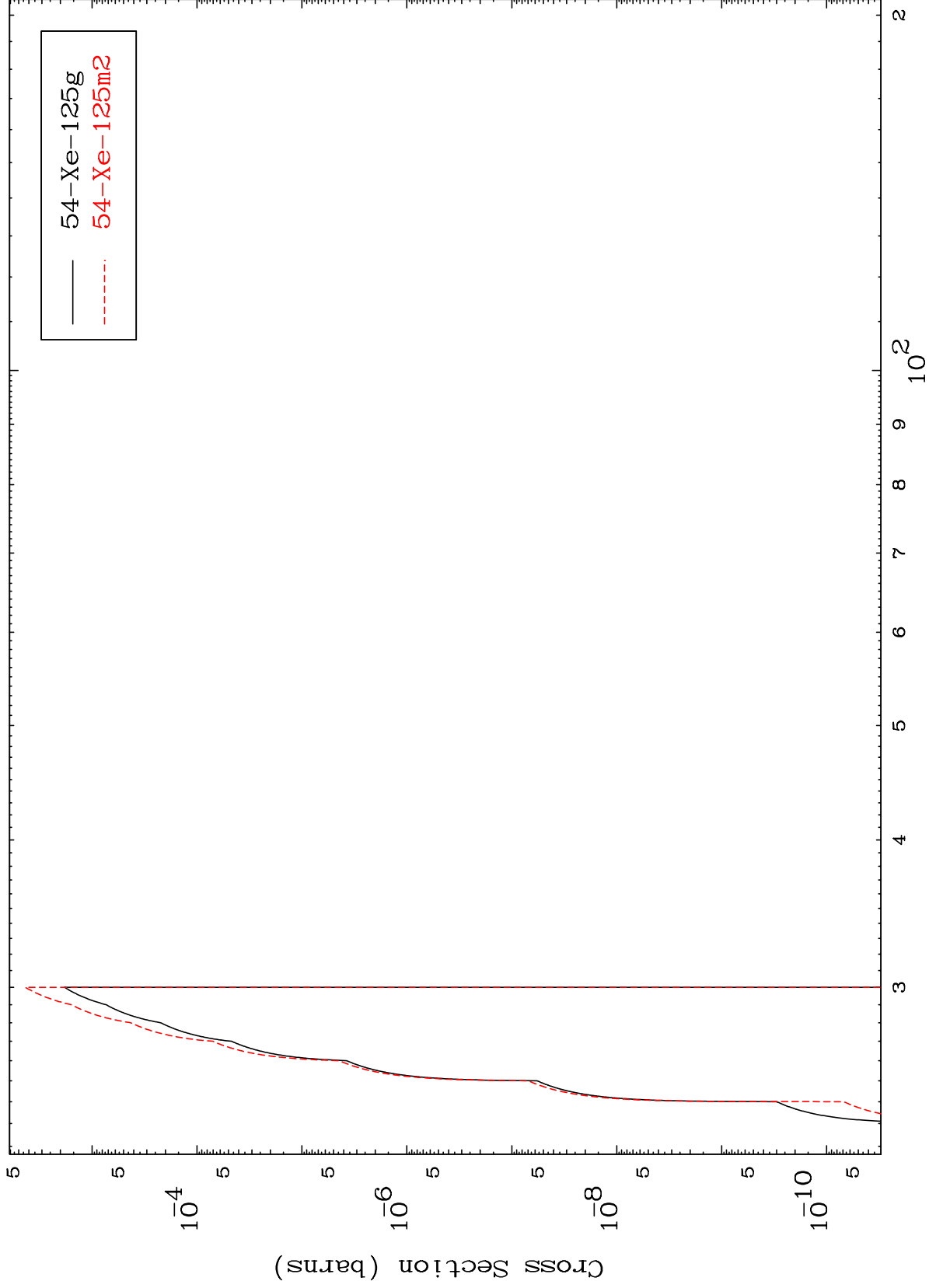
55-Cs-128

MAT 5510

(n,3n) p

55-Cs-128

Radionuclide Production Cross Section



129

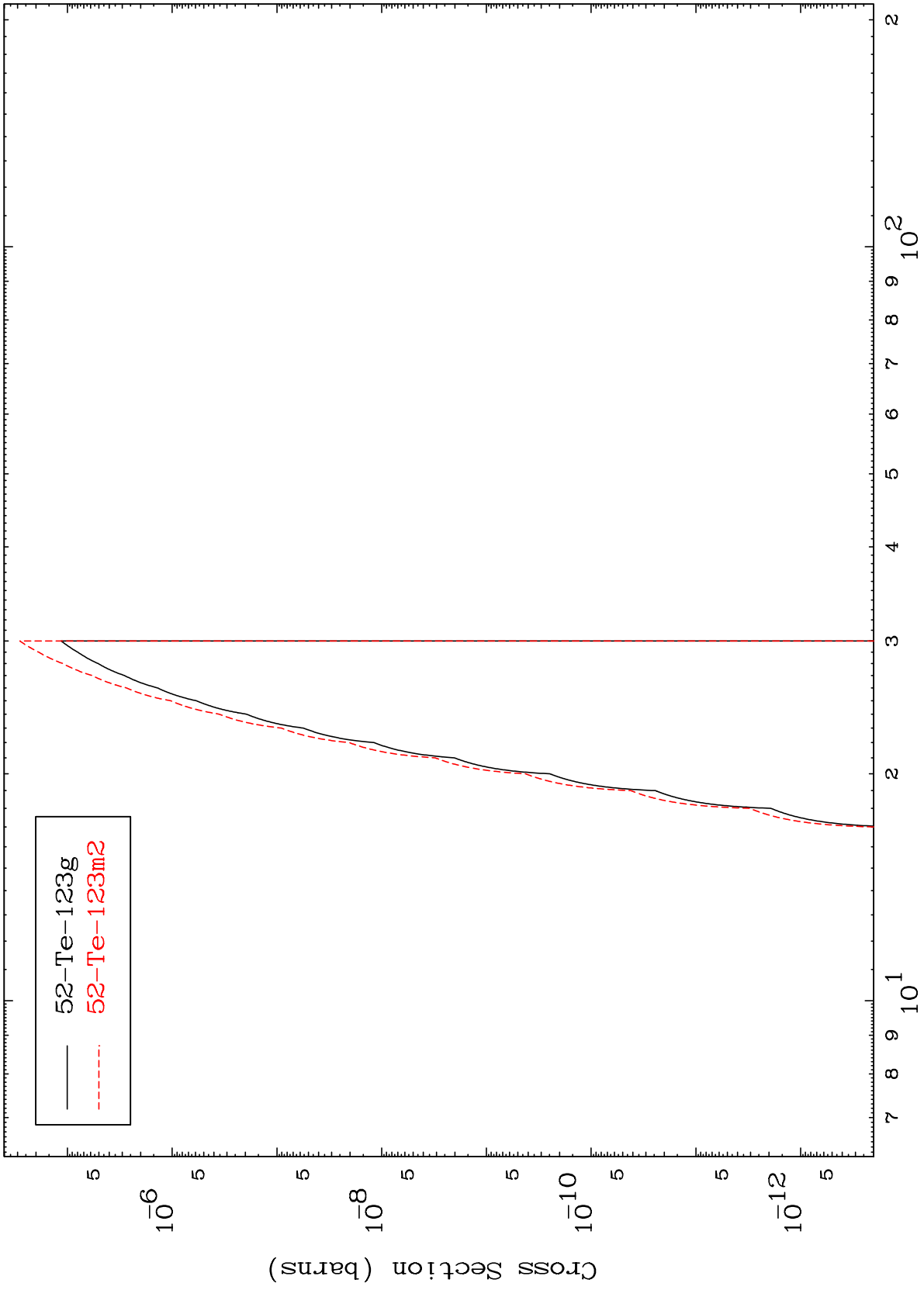
Incident Energy (MeV)

55-Cs-128

MAT 5510

55-Cs-128

(n,n') p α
Radionuclide Production Cross Section



130

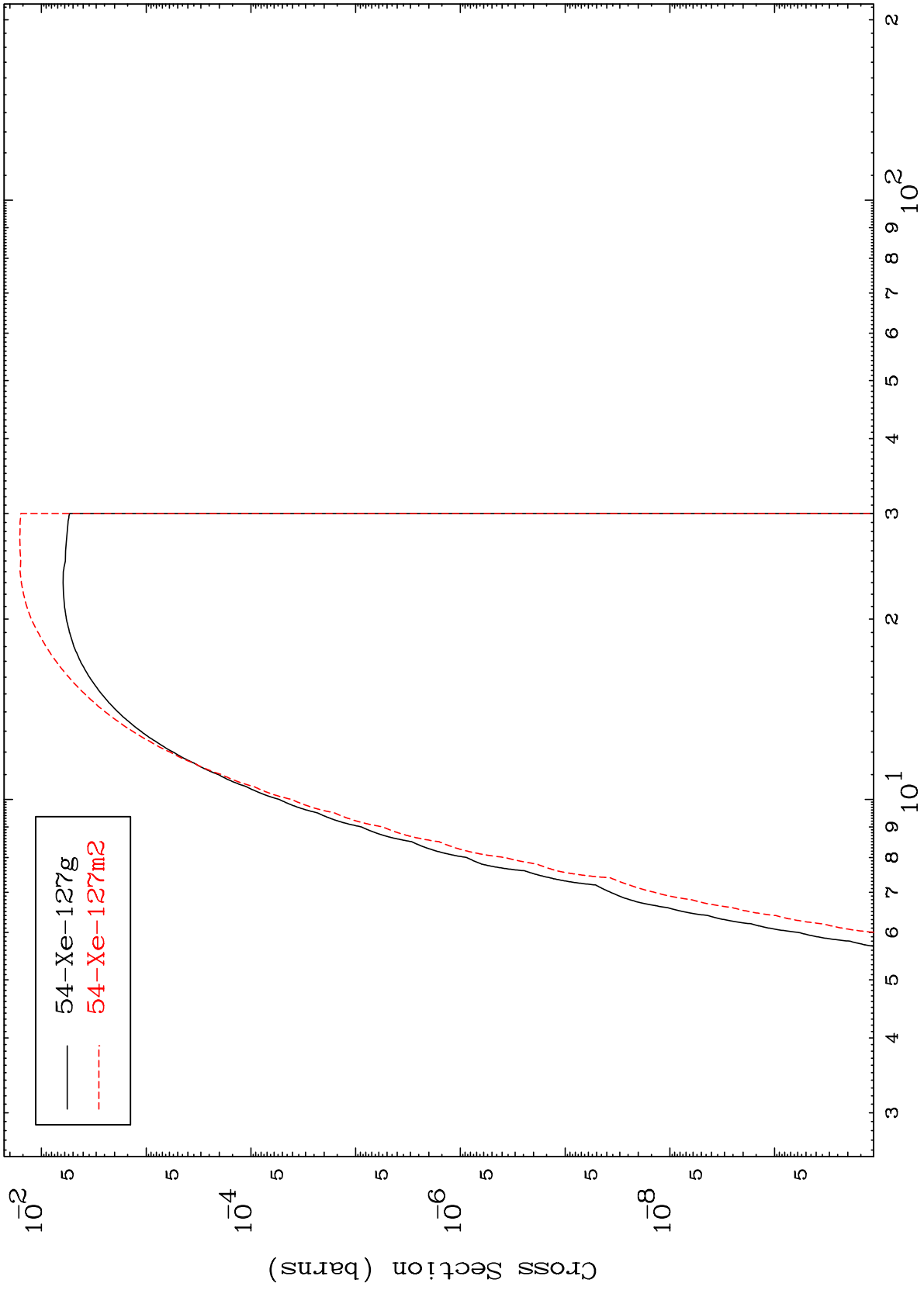
Incident Energy (MeV)

55-Cs-128

MAT 5510

55-Cs-128

(n,d)
Radionuclide Production Cross Section



131

Incident Energy (MeV)

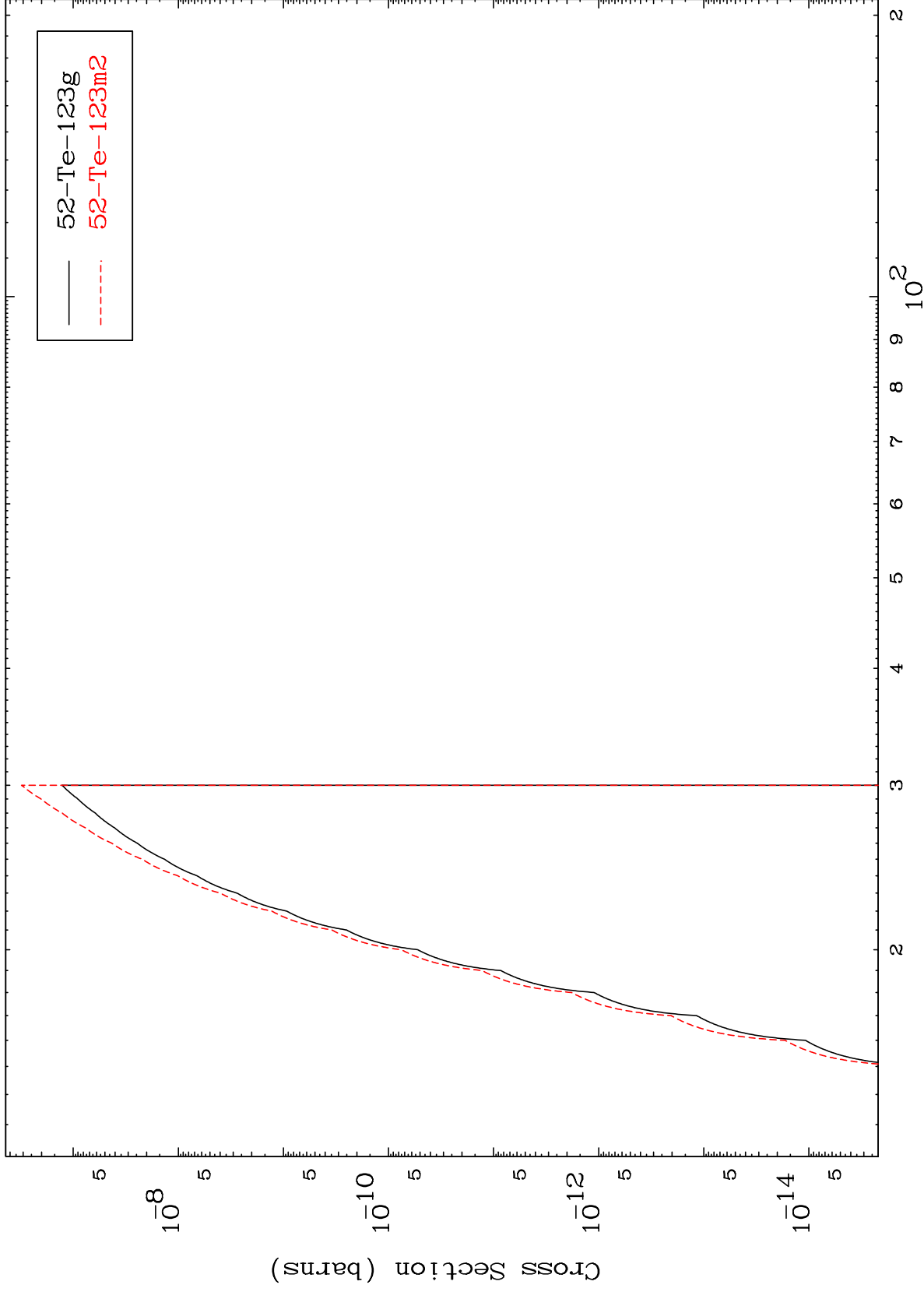
55-Cs-128

MAT 5510

(n,d) α

55-Cs-128

Radionuclide Production Cross Section



132

Incident Energy (MeV)

55-Cs-128