

Program EVALPLOT
(Version 2018-1)

by

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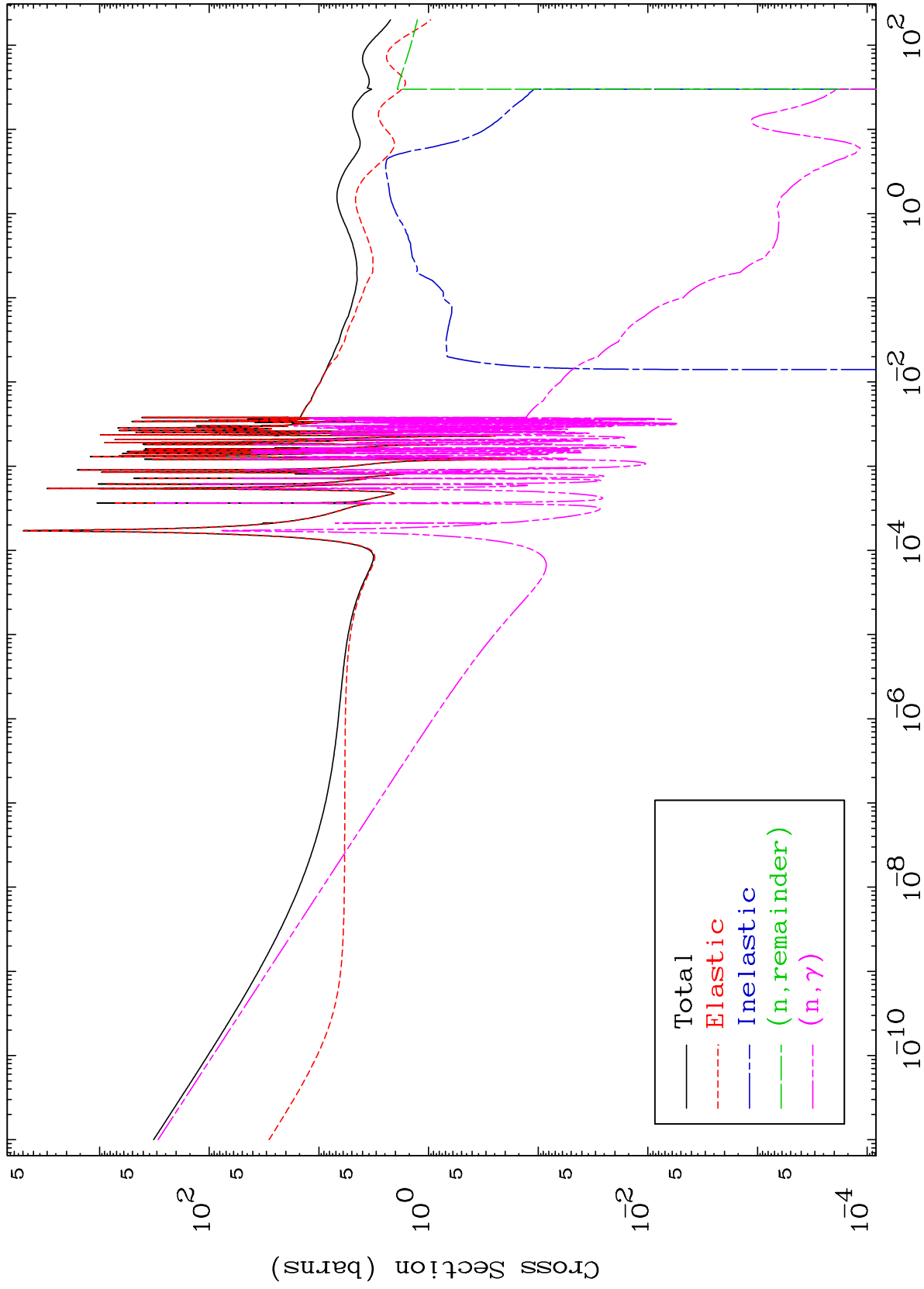
Press Mouse Button to Start

MAT 5546

Major

293 Kelvin Cross Sections

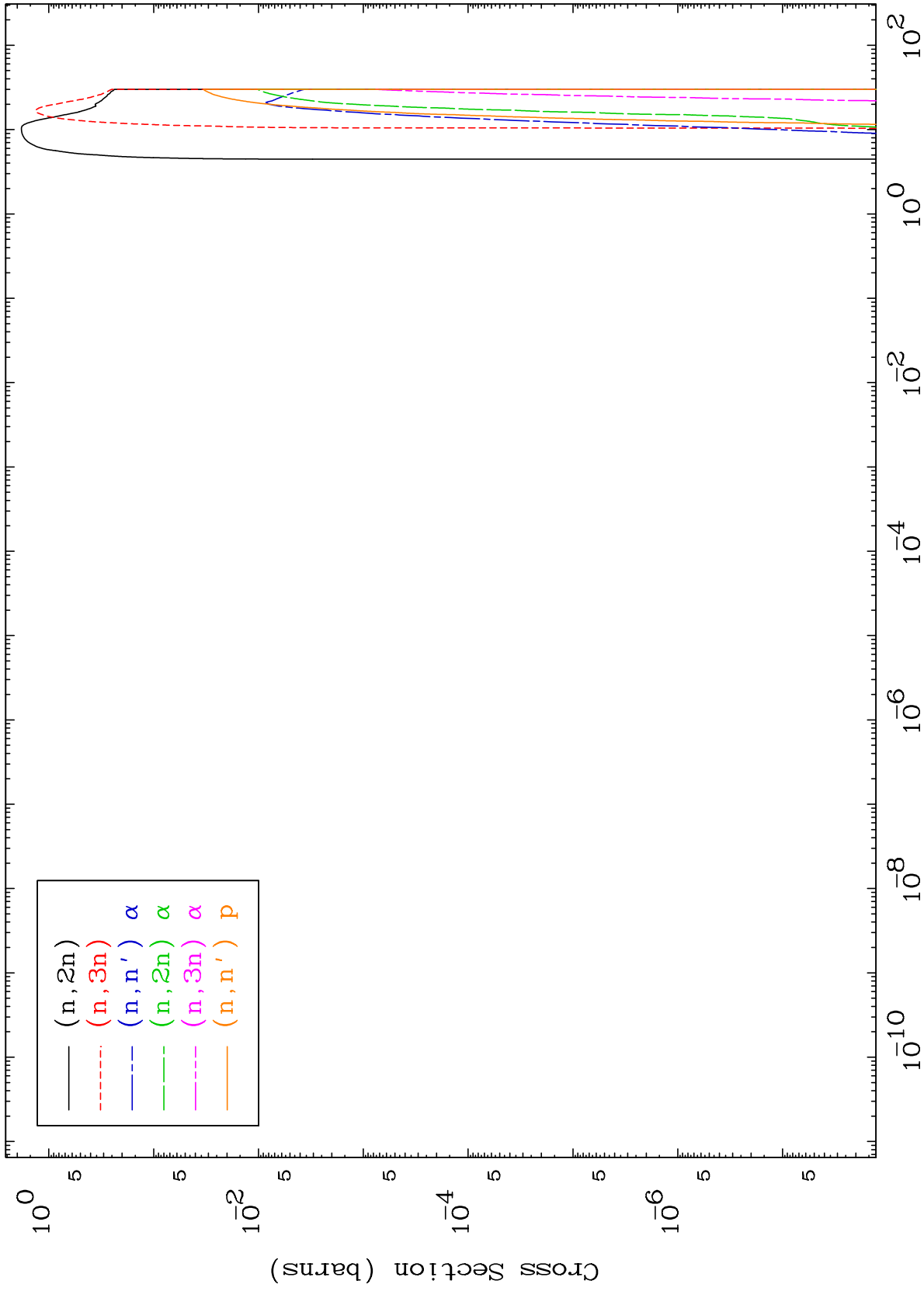
55-Cs-140



MAT 5546

Neutron Production
293 Kelvin Cross Sections

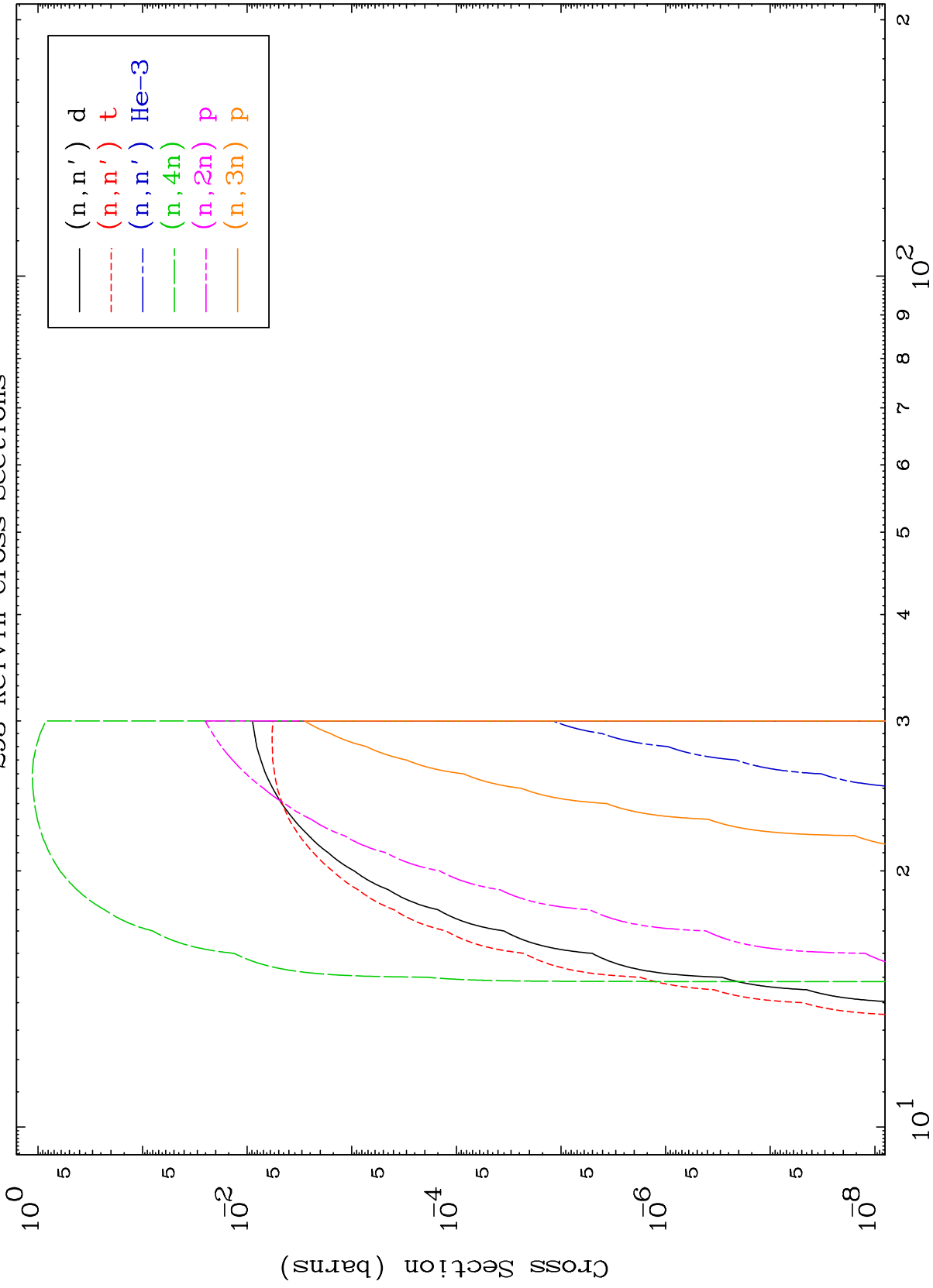
55-Cs-140



MAT 5546

Neutron Production
293 Kelvin Cross Sections

55-Cs-140



55-Cs-140

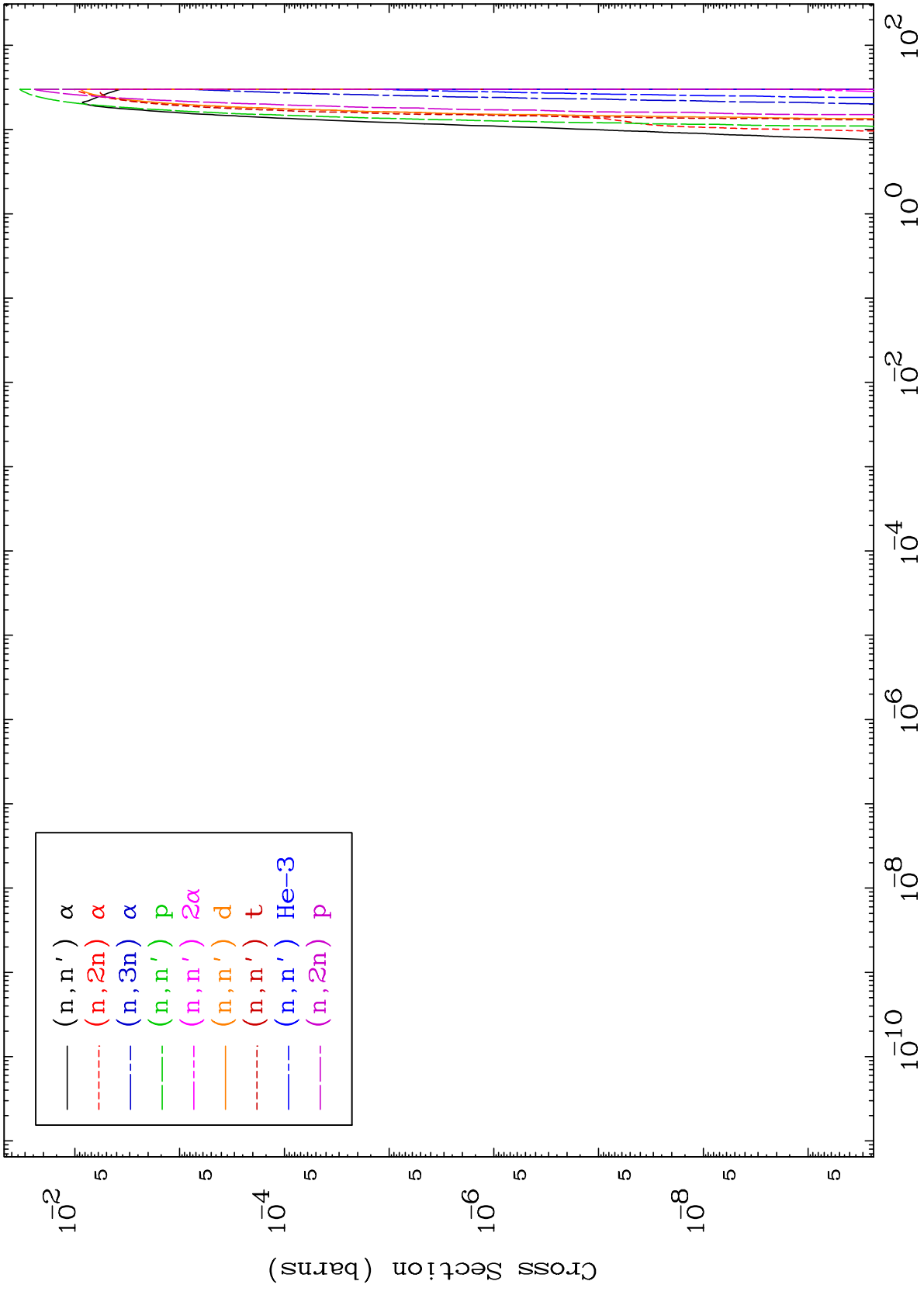
Incident Energy (MeV)

3

MAT 5546

Charged Particle
293 Kelvin Cross Sections

55-Cs-140

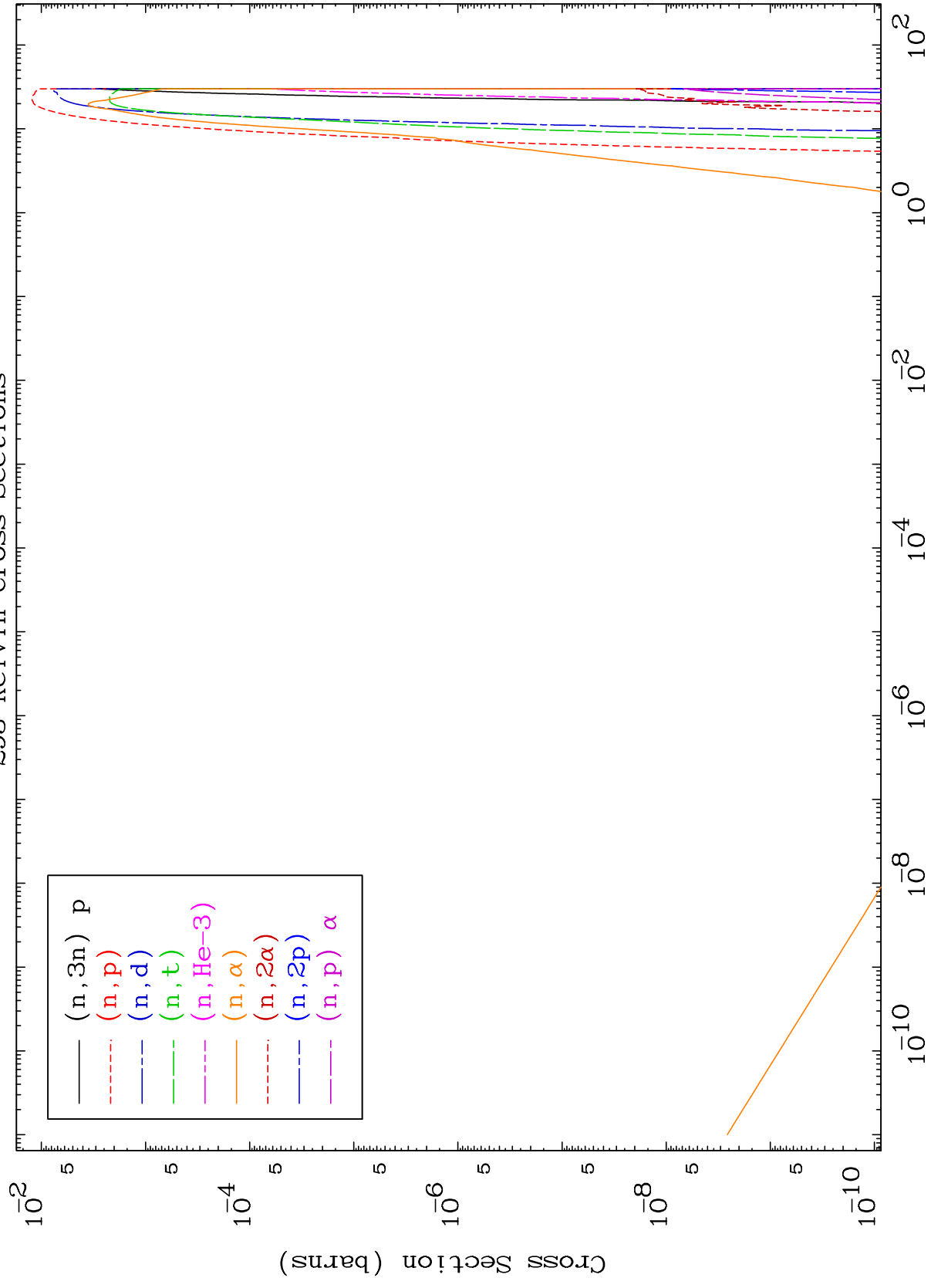


55-Cs-140

MAT 5546

Charged Particle
293 Kelvin Cross Sections

55-Cs-140



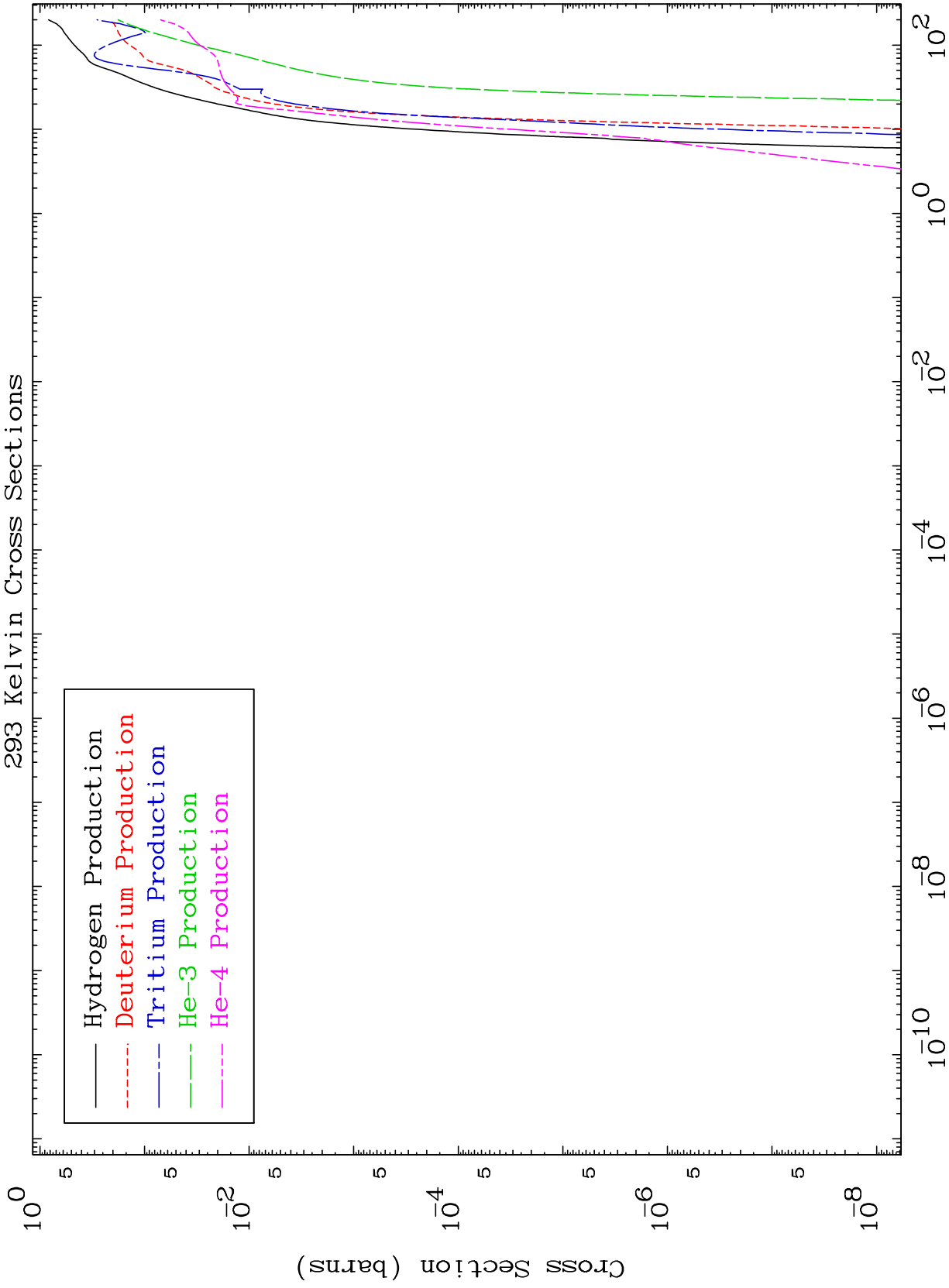
5

55-Cs-140

MAT 5546

Particle Production
293 Kelvin Cross Sections

55-Cs-140



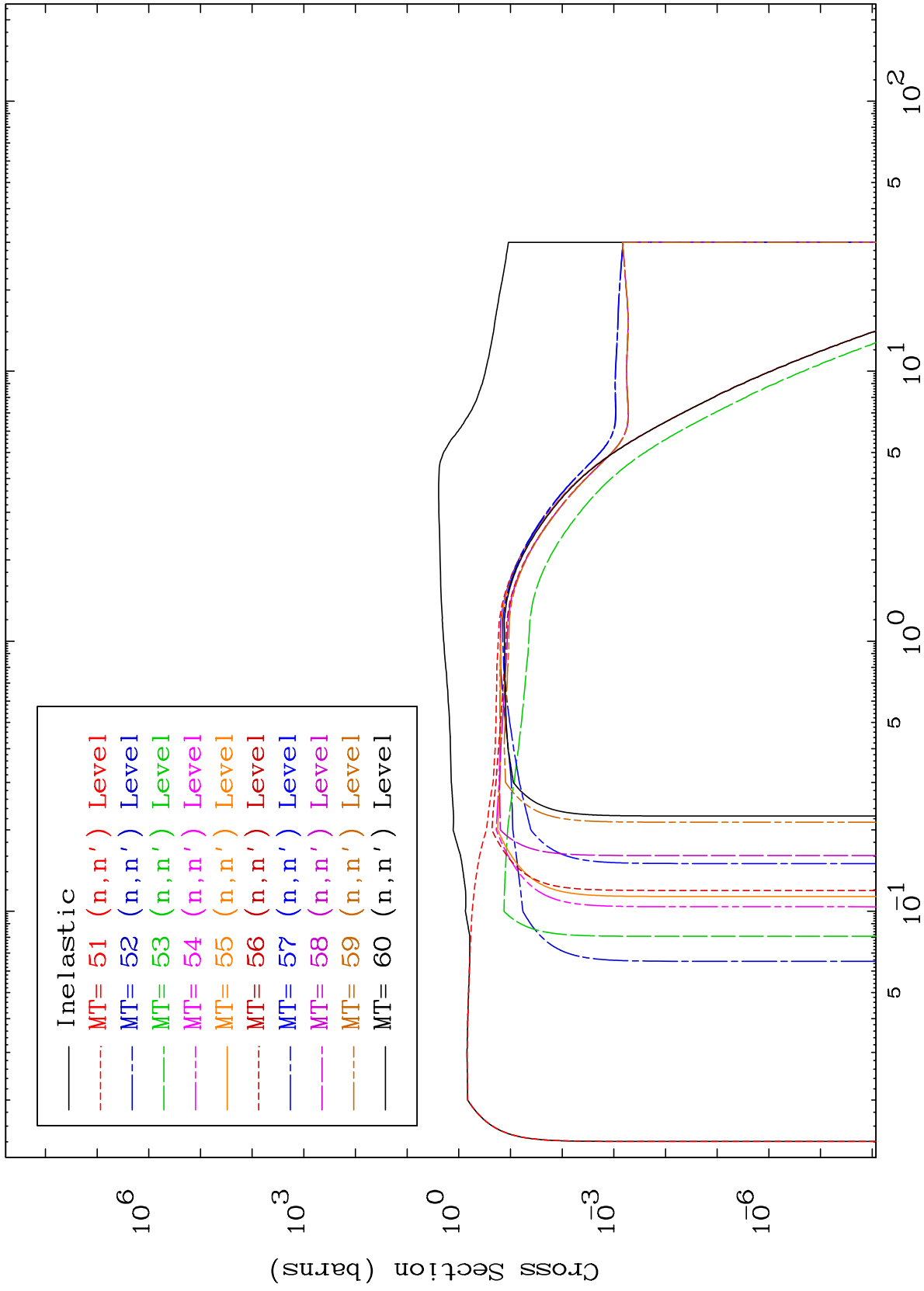
6

55-Cs-140

MAT 5546

(n,n') Level
293 Kelvin Cross Sections

55-Cs-140



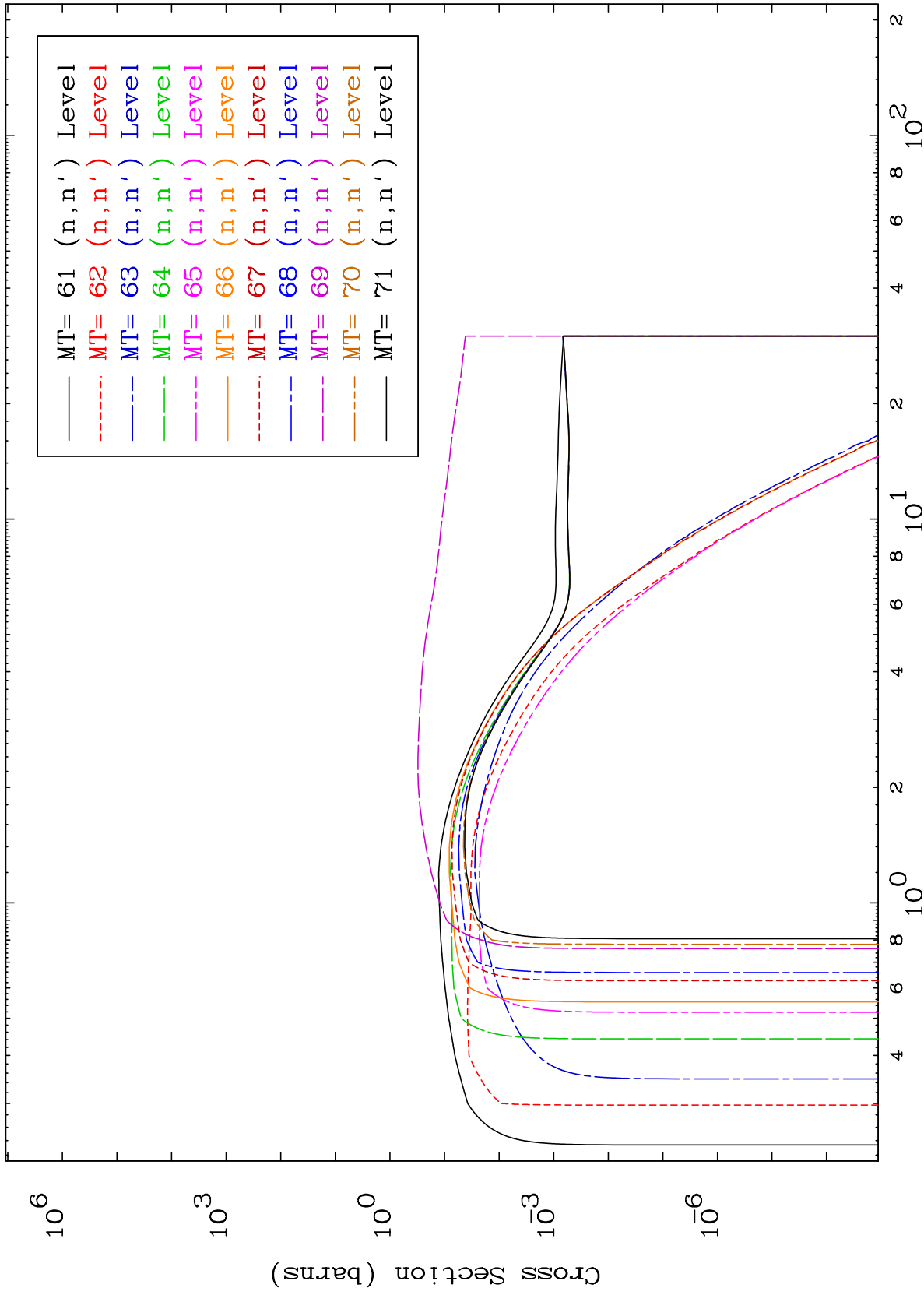
55-Cs-140

MAT 5546

(n,n') Level

55-Cs-140

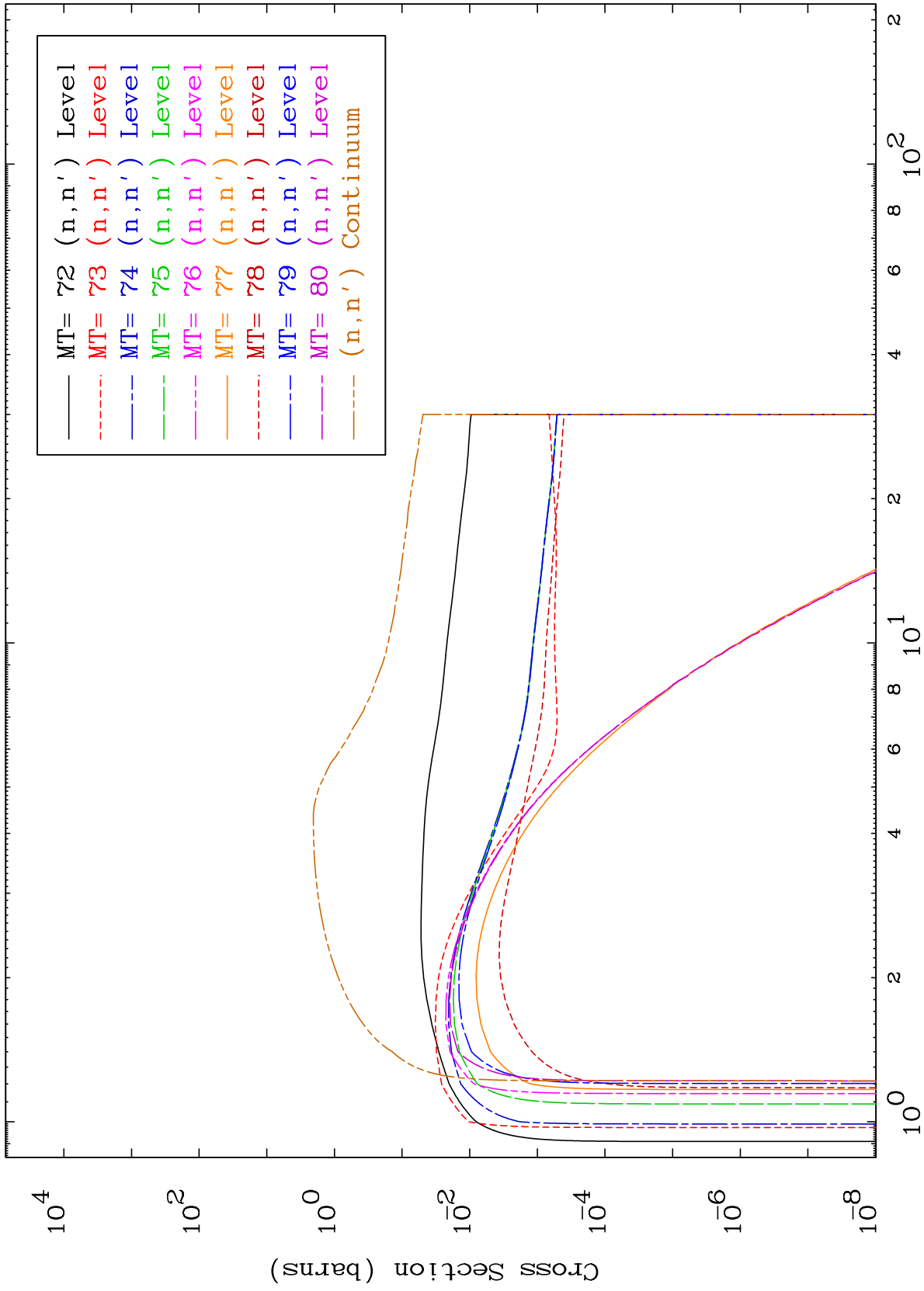
293 Kelvin Cross Sections



MAT 5546

(n,n') Level
293 Kelvin Cross Sections

55-Cs-140



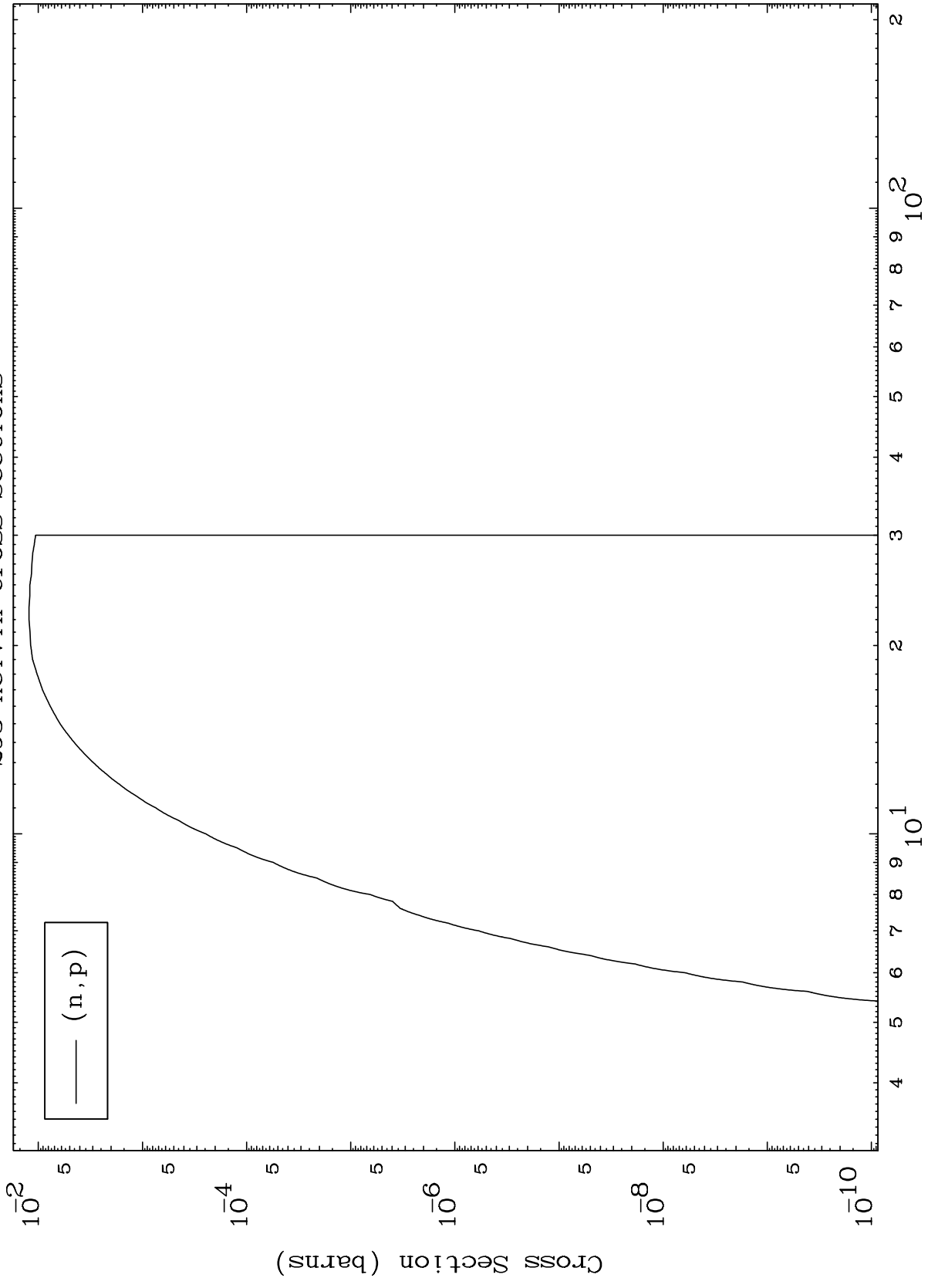
Incident Energy (MeV)

55-Cs-140

MAT 5546

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-140



10

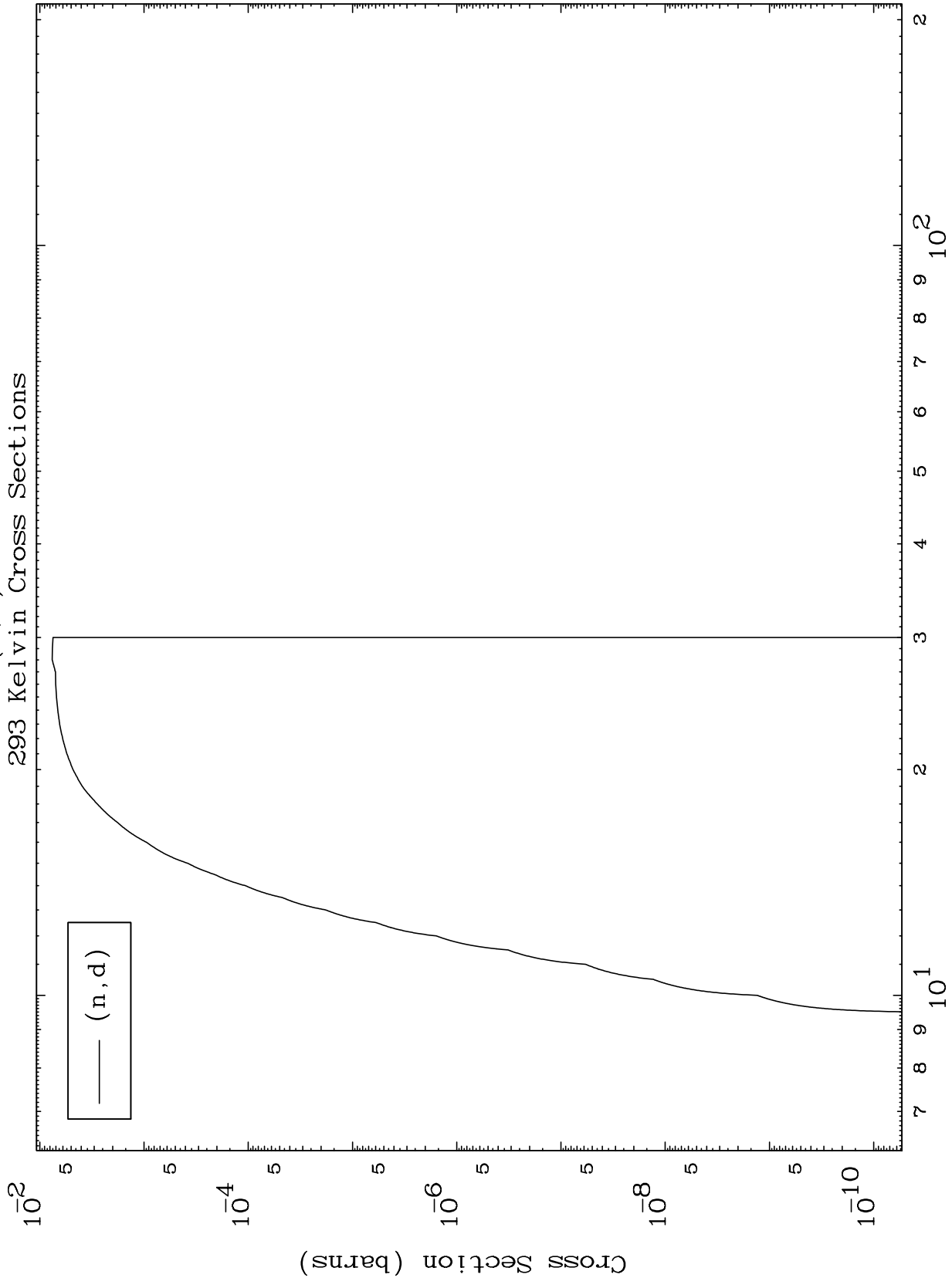
Incident Energy (MeV)

55-Cs-140

MAT 5546

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-140



11

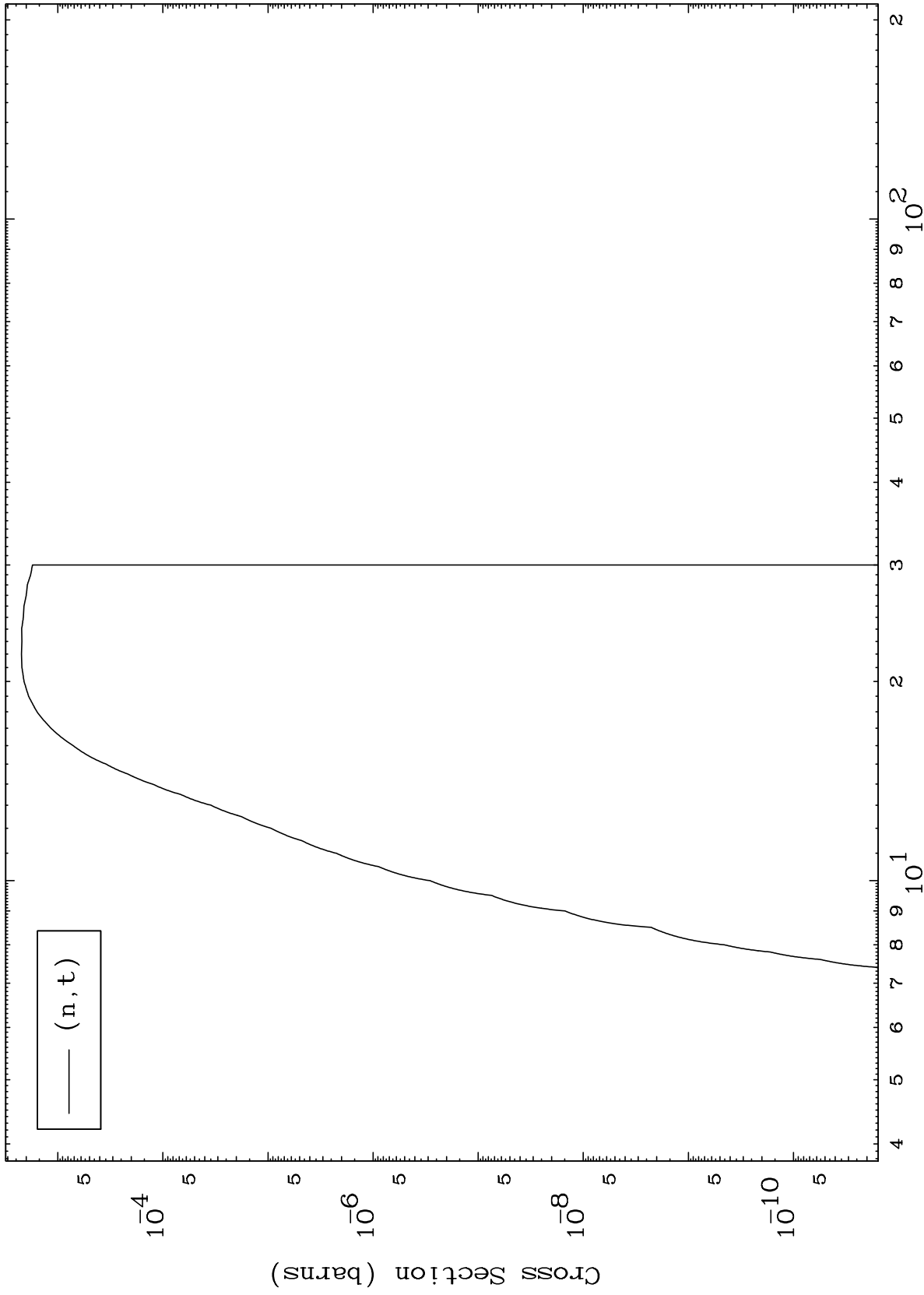
Incident Energy (MeV)

55-Cs-140

MAT 5546

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-140



12

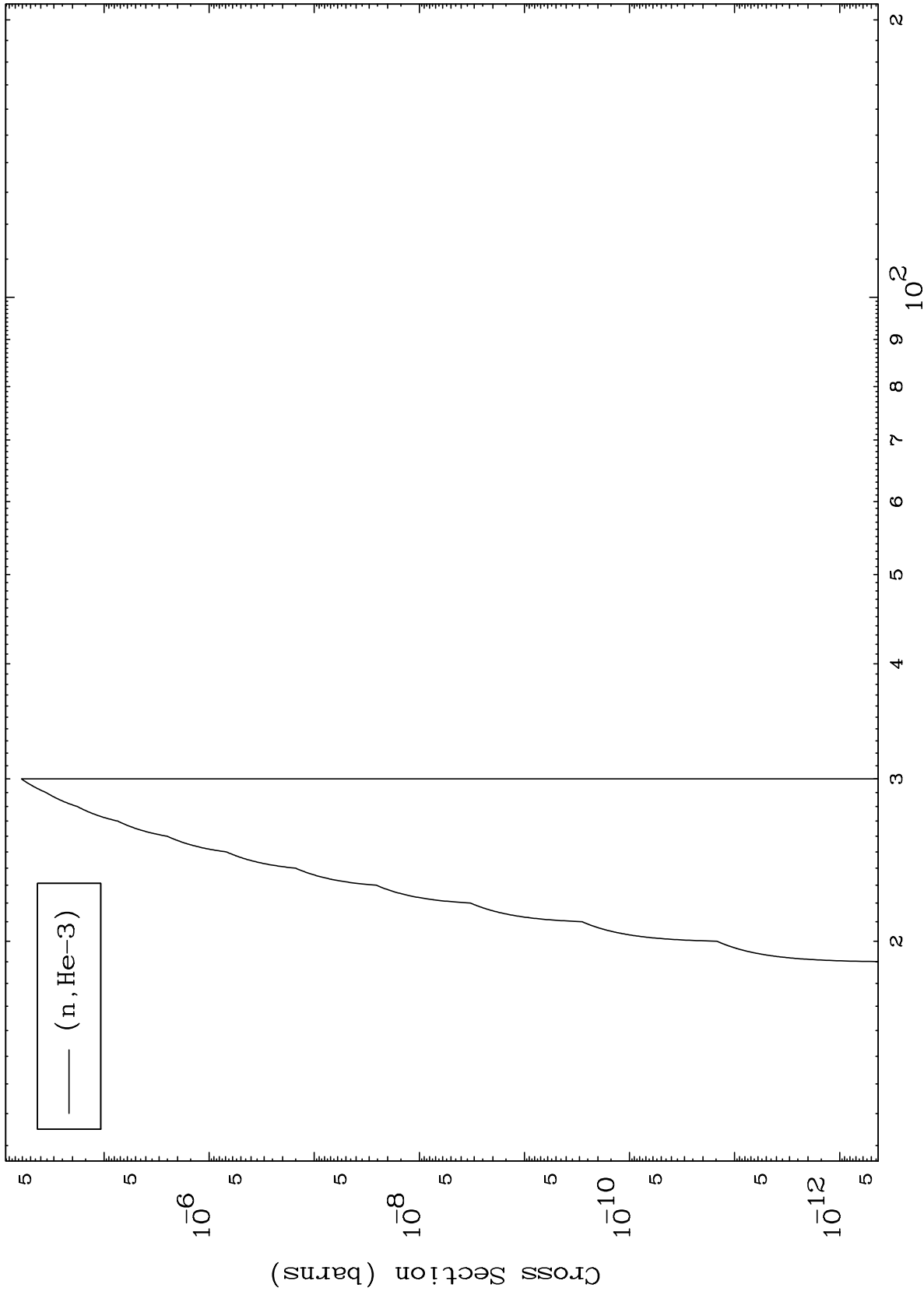
Incident Energy (MeV)

55-Cs-140

MAT 5546

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-140



13

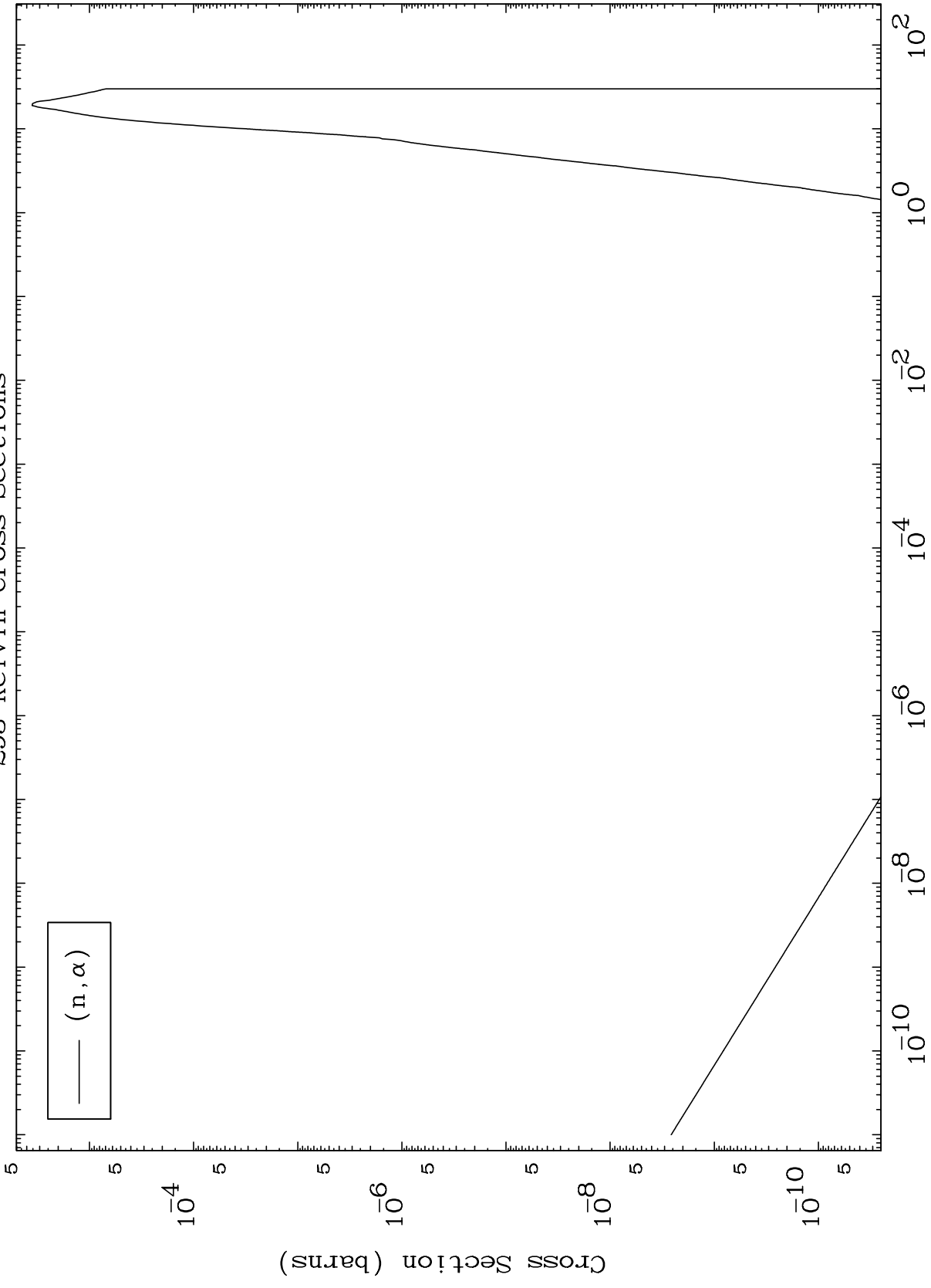
Incident Energy (MeV)

55-Cs-140

MAT 5546

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-140

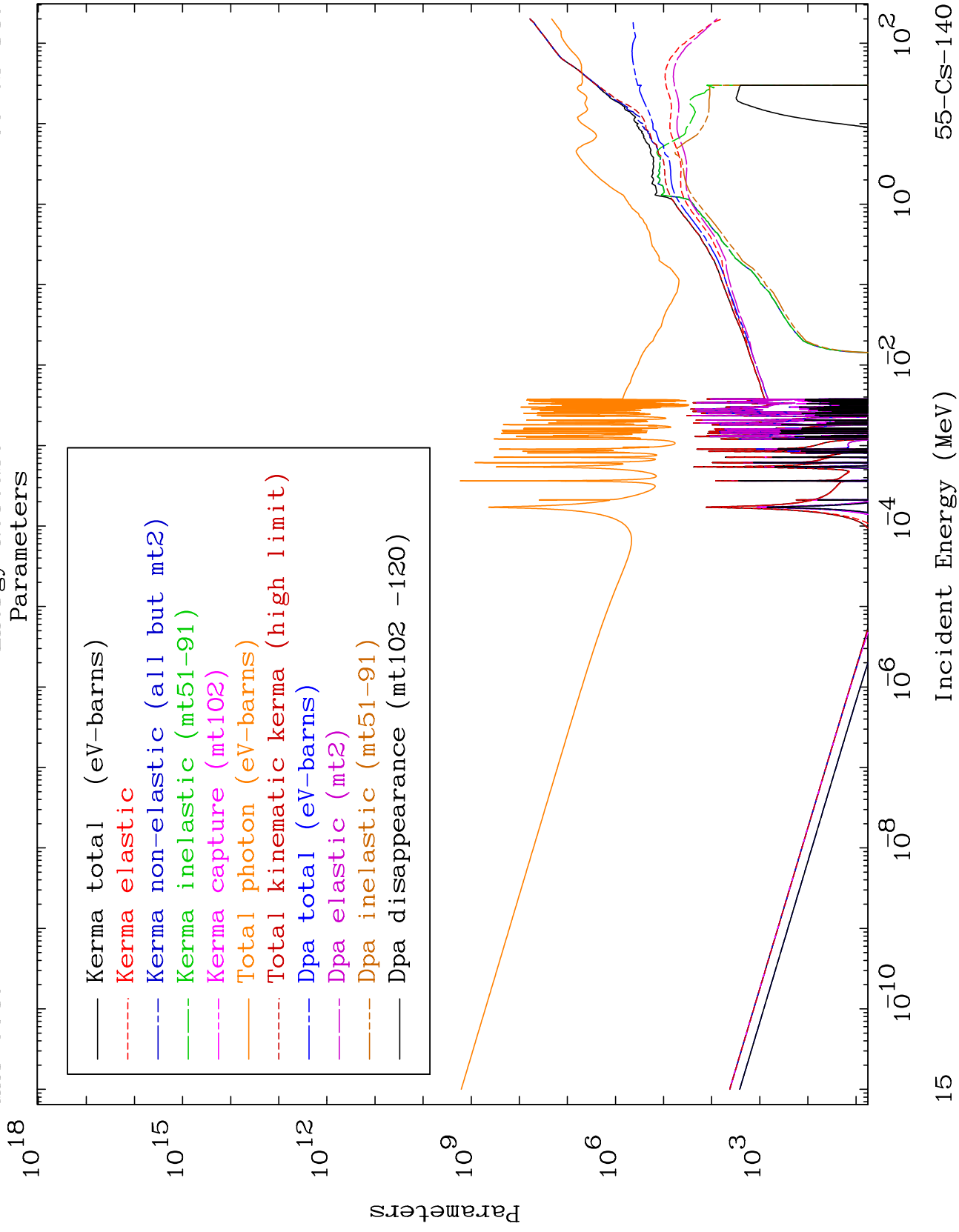


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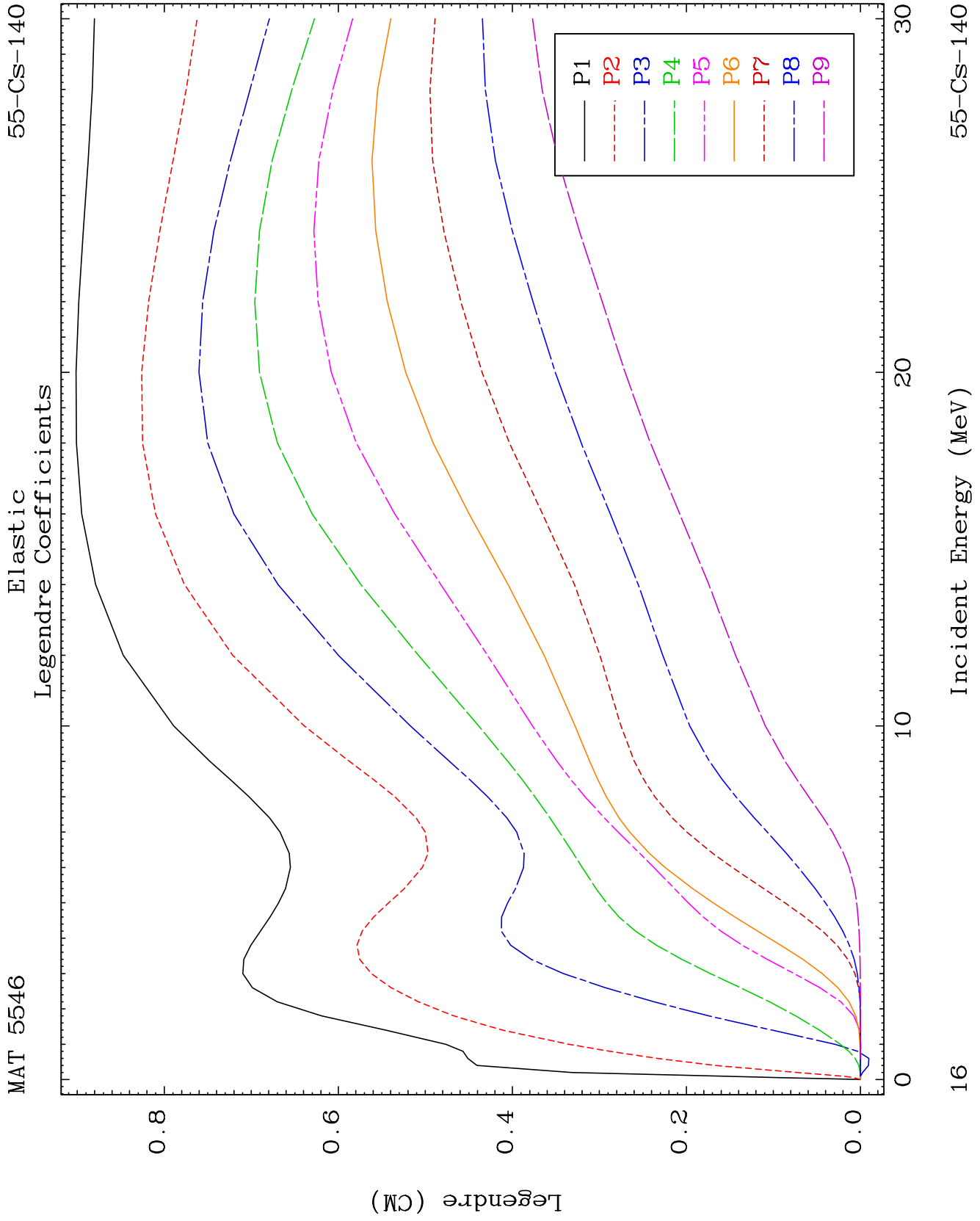
MAT 5546

Energy Release
Parameters

55-Cs-140



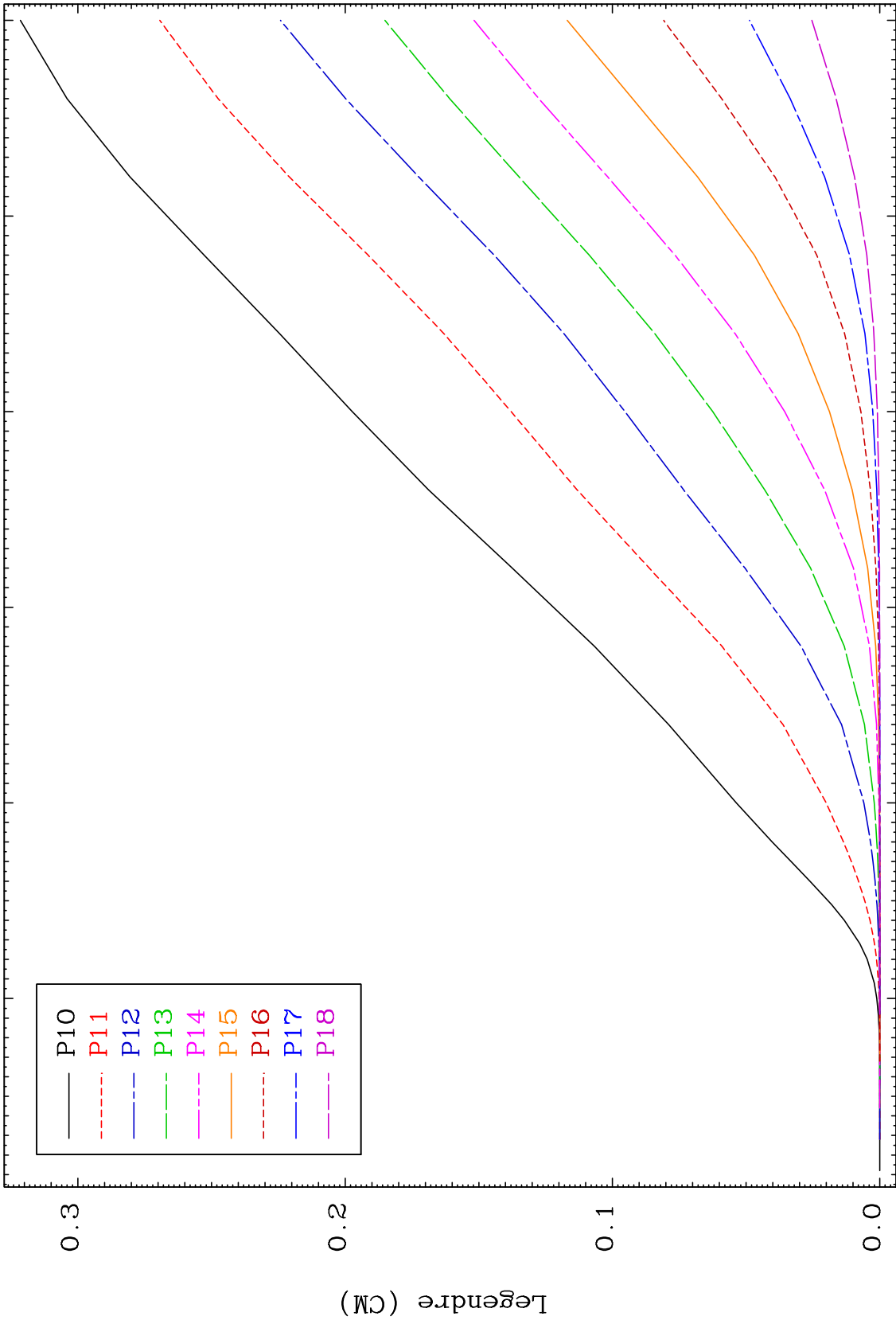
15



MAT 5546

Elastic Legendre Coefficients

55-Cs-140



17

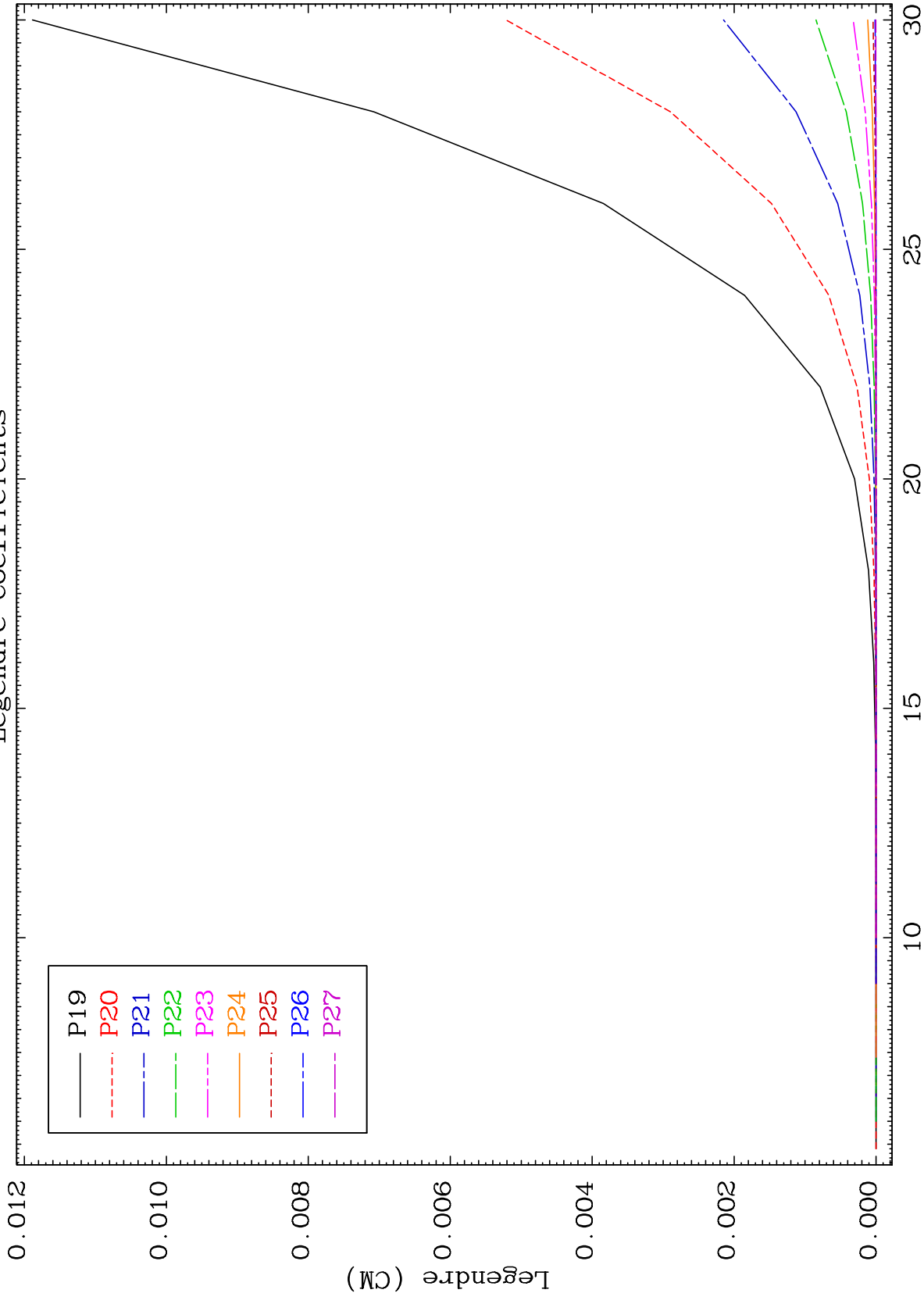
Incident Energy (MeV)

55-Cs-140

MAT 5546

Elastic Legendre Coefficients

55-Cs-140



18

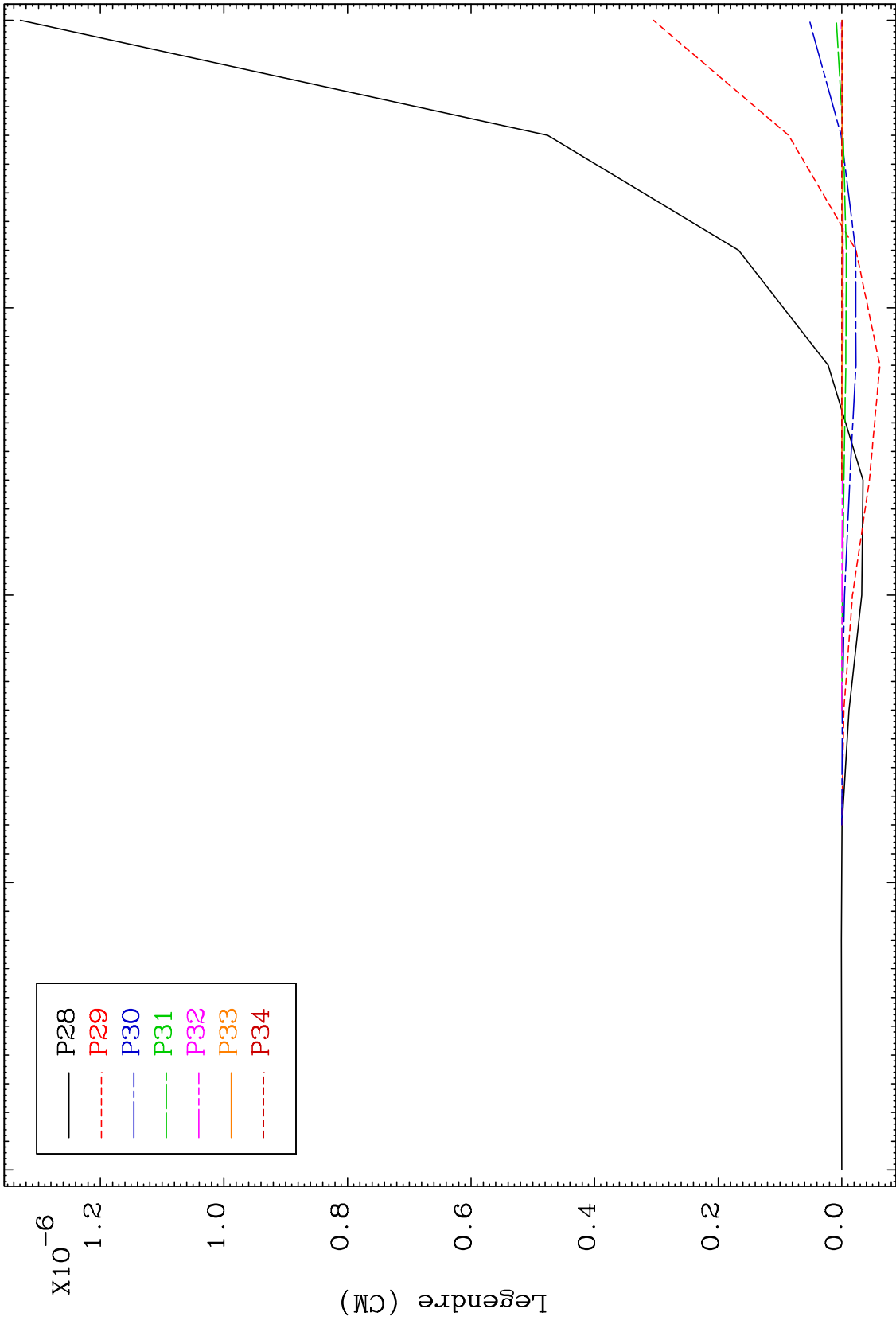
Incident Energy (MeV)

55-Cs-140

MAT 5546

Elastic Legendre Coefficients

55-Cs-140

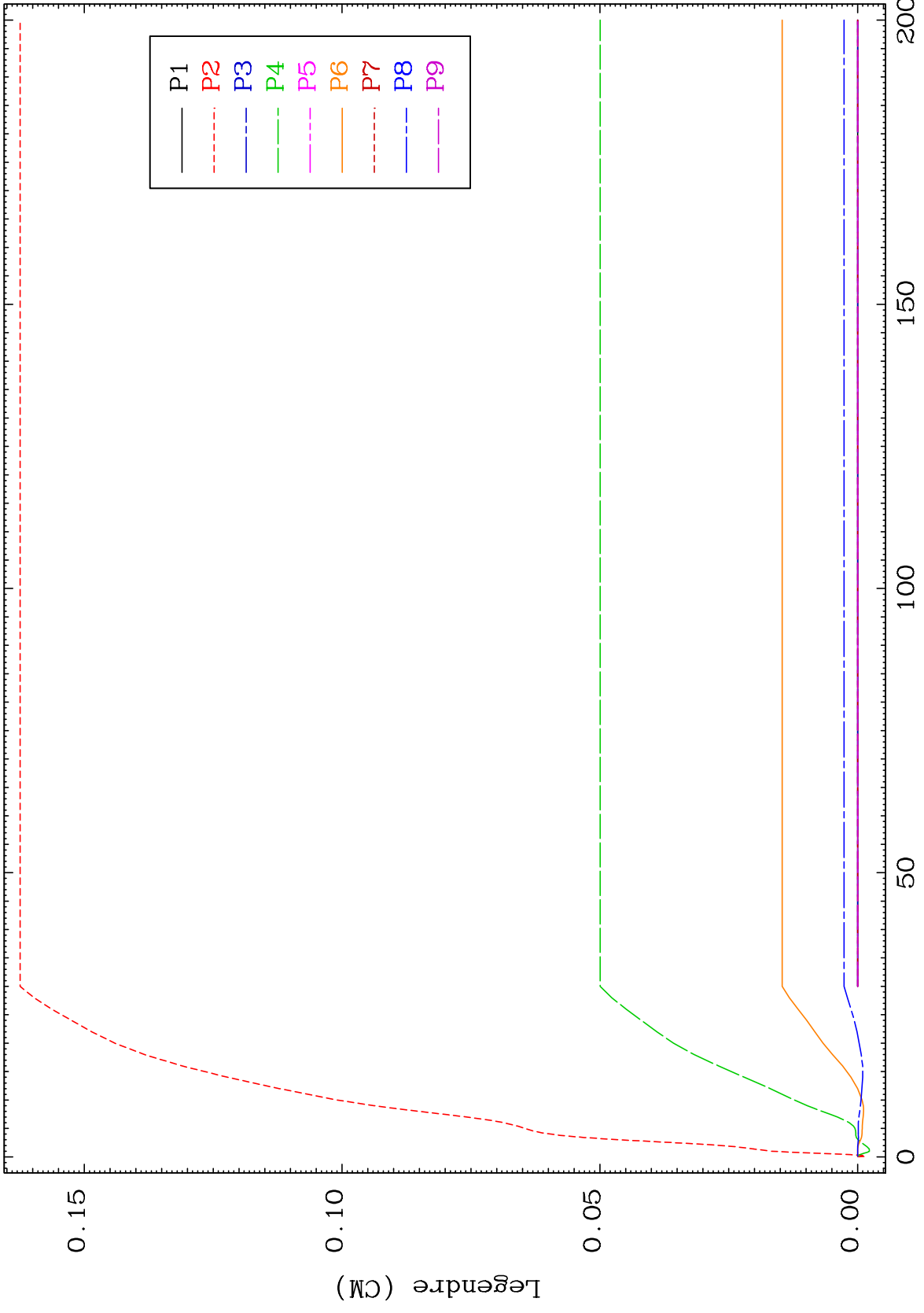


19

Incident Energy (MeV)

55-Cs-140

MAT 5546 MT= 51 (n,n') Level Legendre Coefficients 55-Cs-140

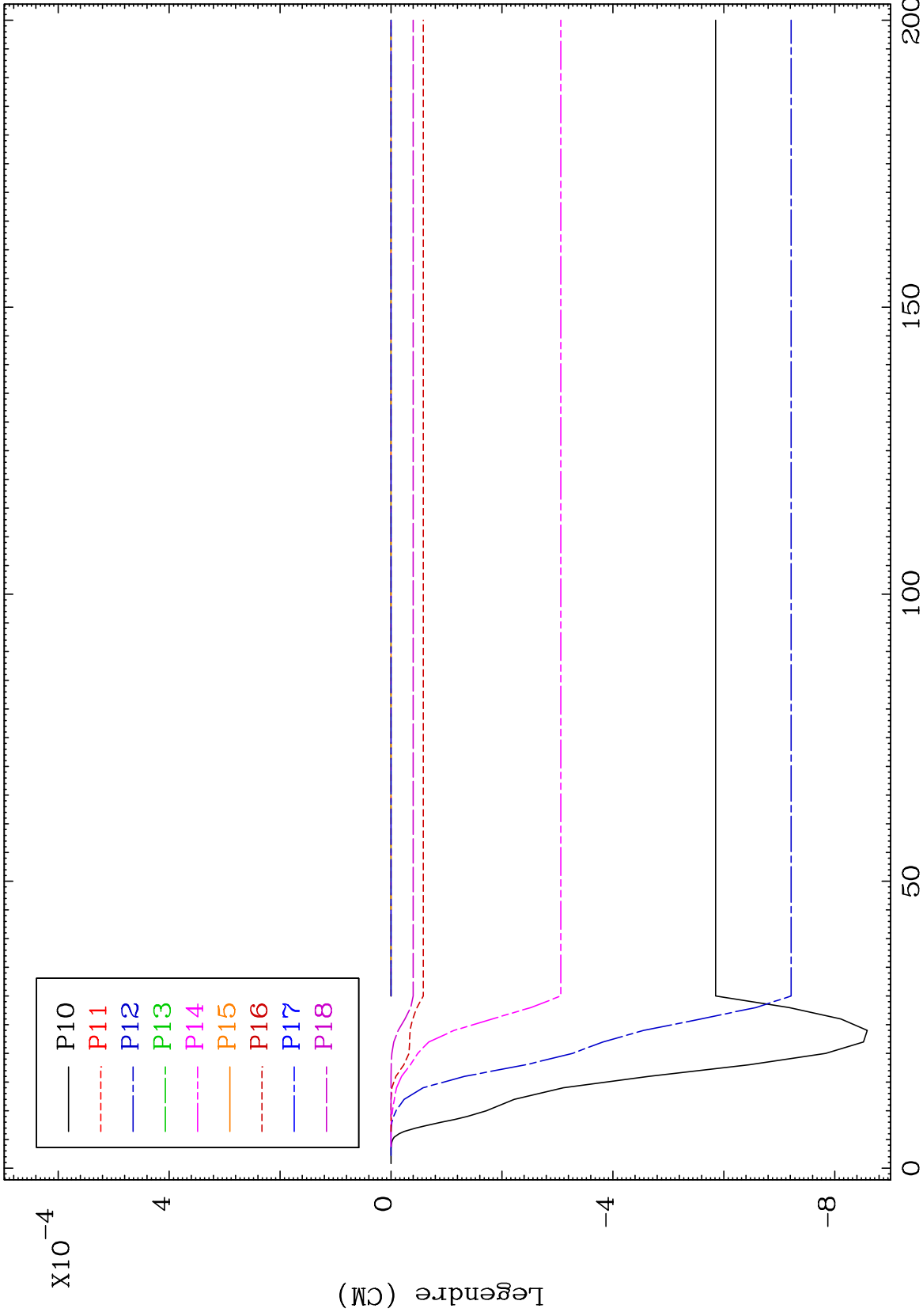


55-Cs-140

MAT 5546

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

55-Cs-140

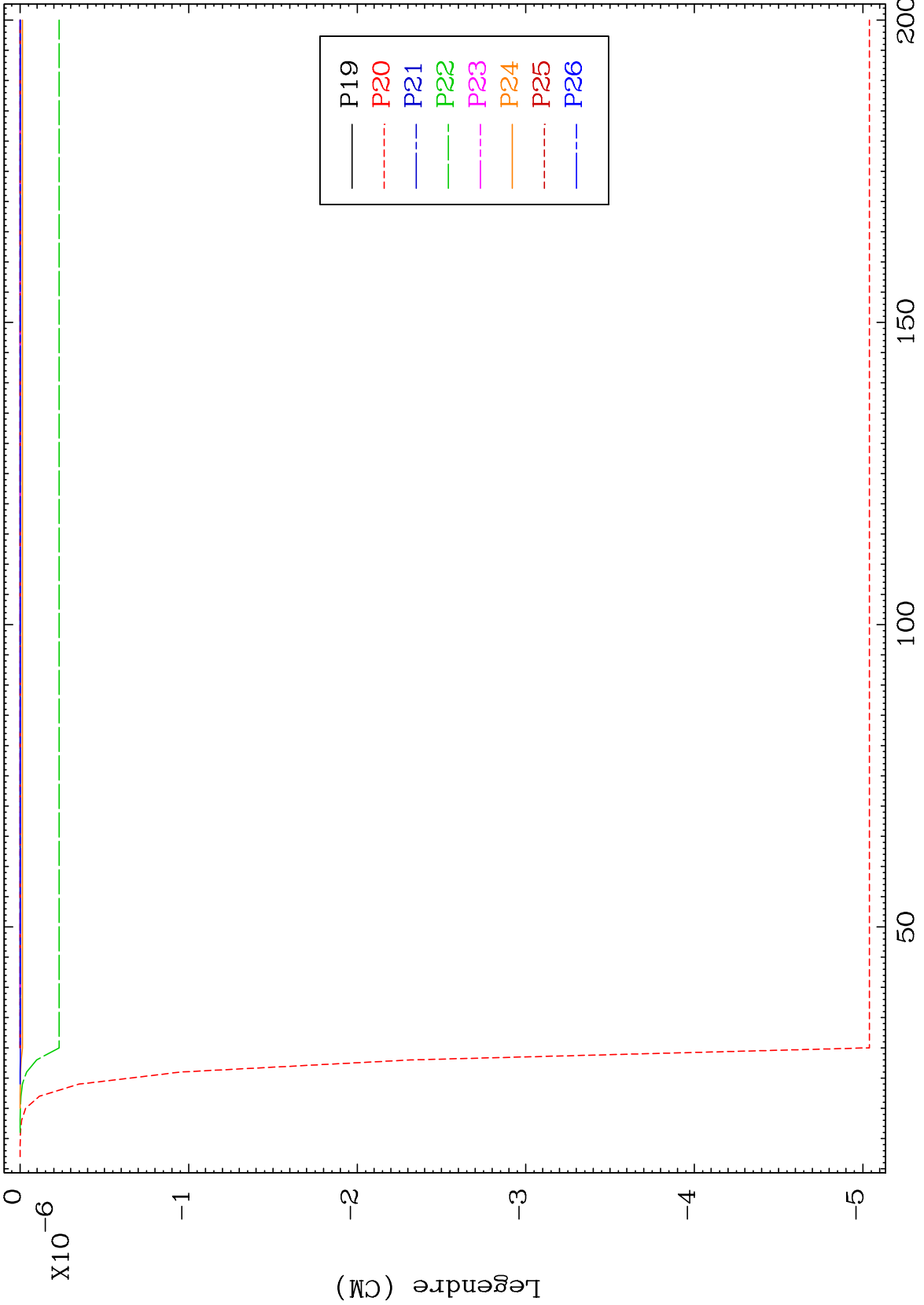


21

Incident Energy (MeV)

55-Cs-140

MAT 5546 MT= 51 (n,n') Level Legendre Coefficients 55-Cs-140

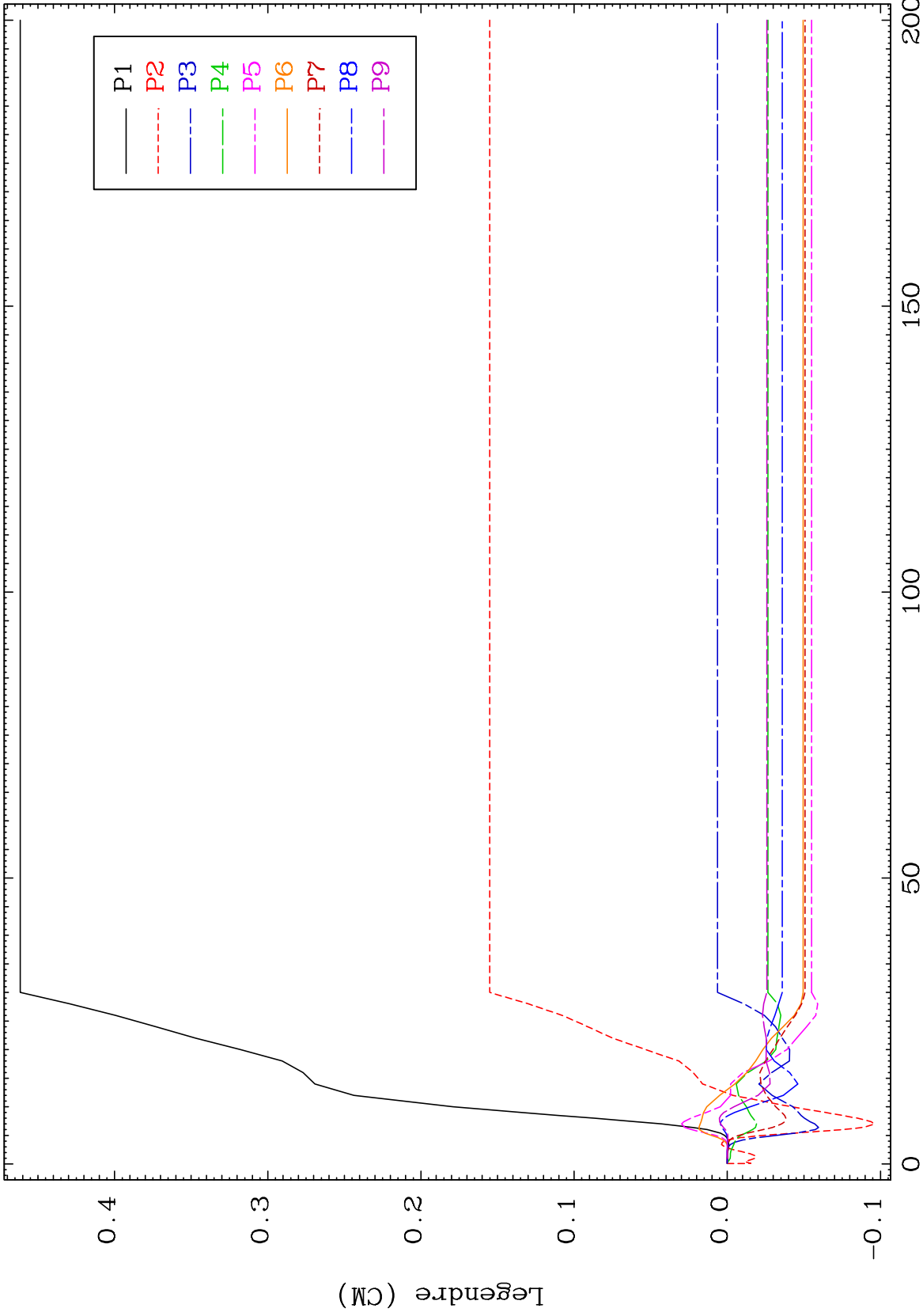


22 Incident Energy (MeV) 55-Cs-140

MAT 5546

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

55-Cs-140



23

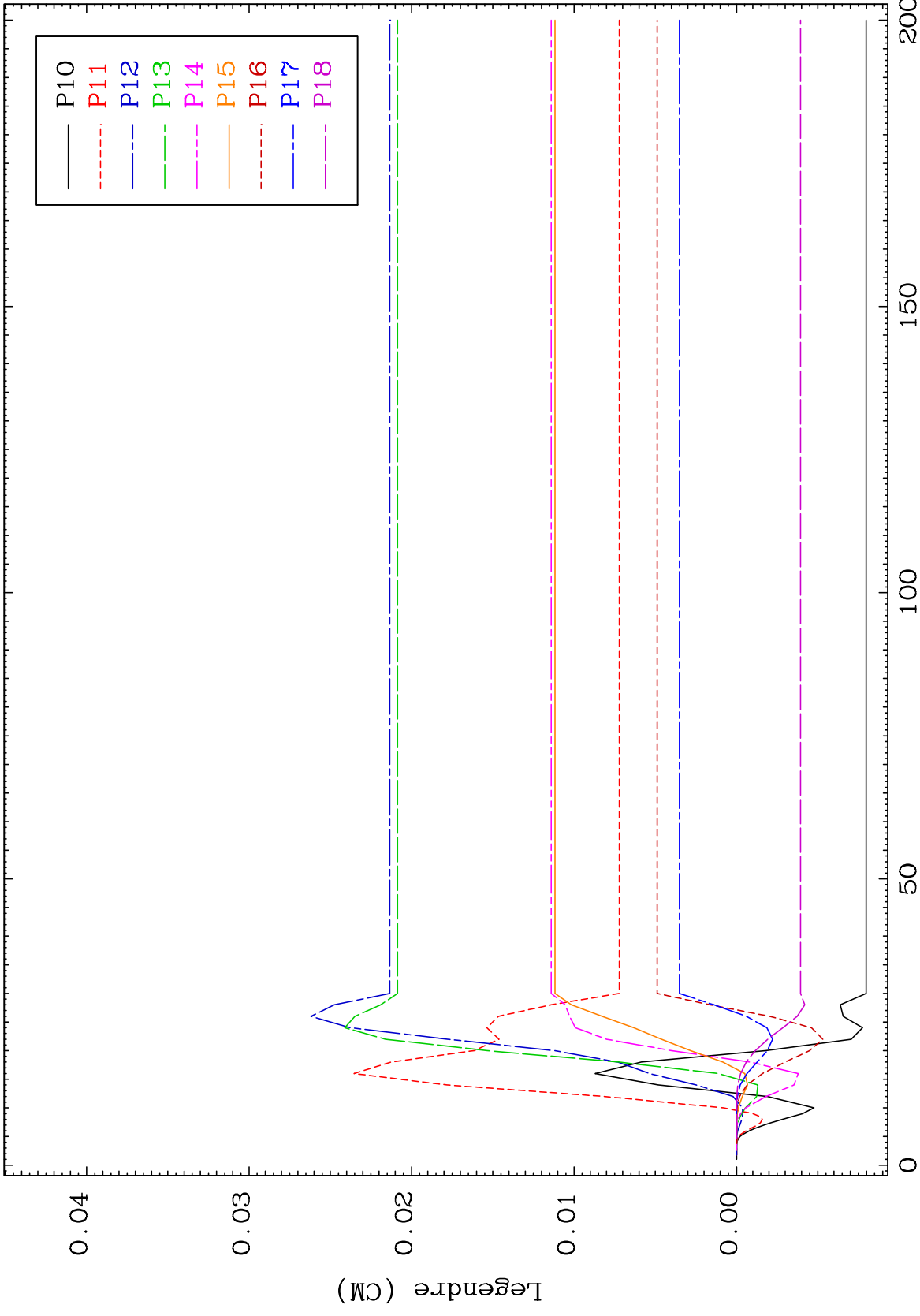
Incident Energy (MeV)

55-Cs-140

MAT 5546

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

55-Cs-140



24

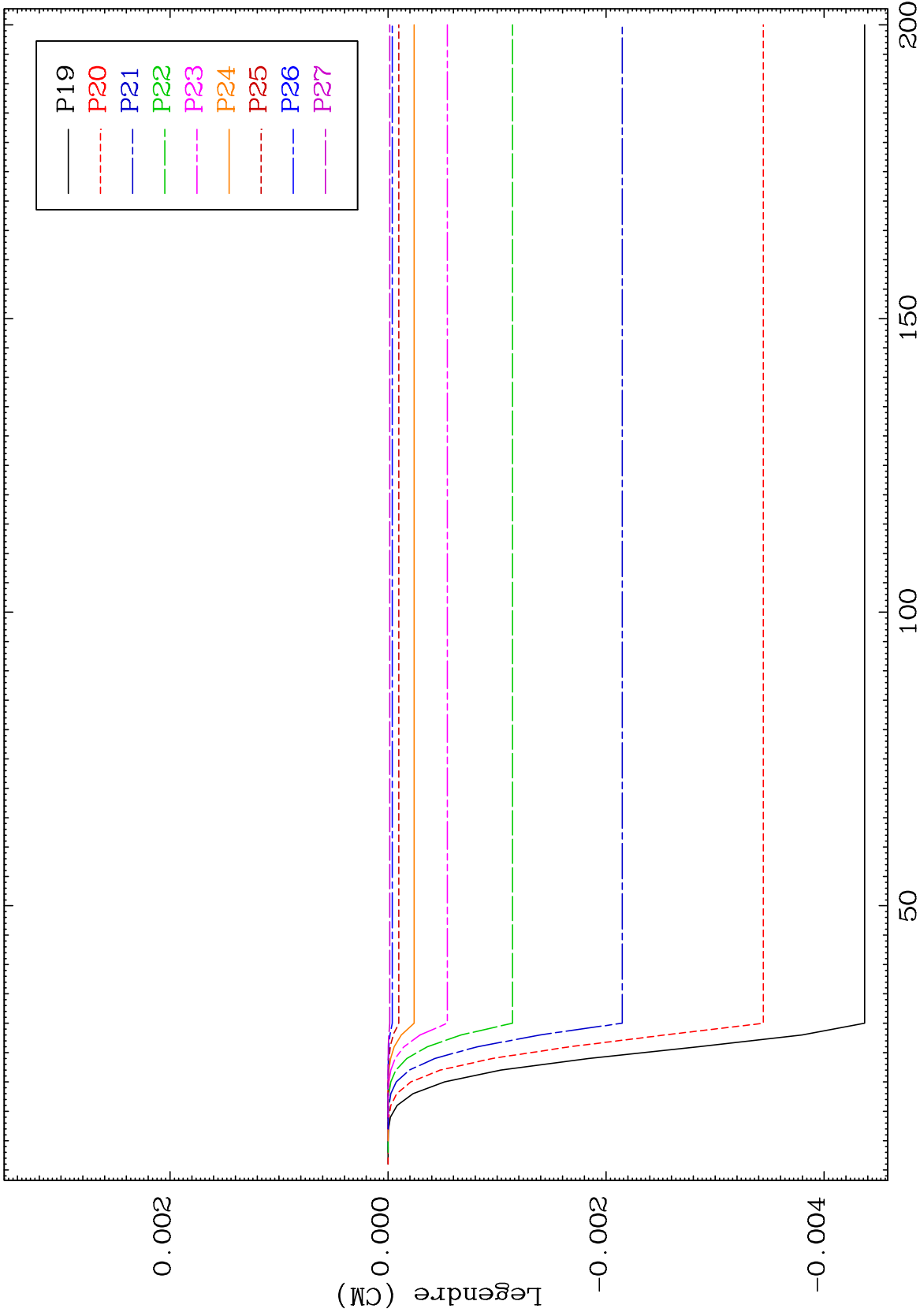
Incident Energy (MeV)

55-Cs-140

MAT 5546

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

55-Cs-140

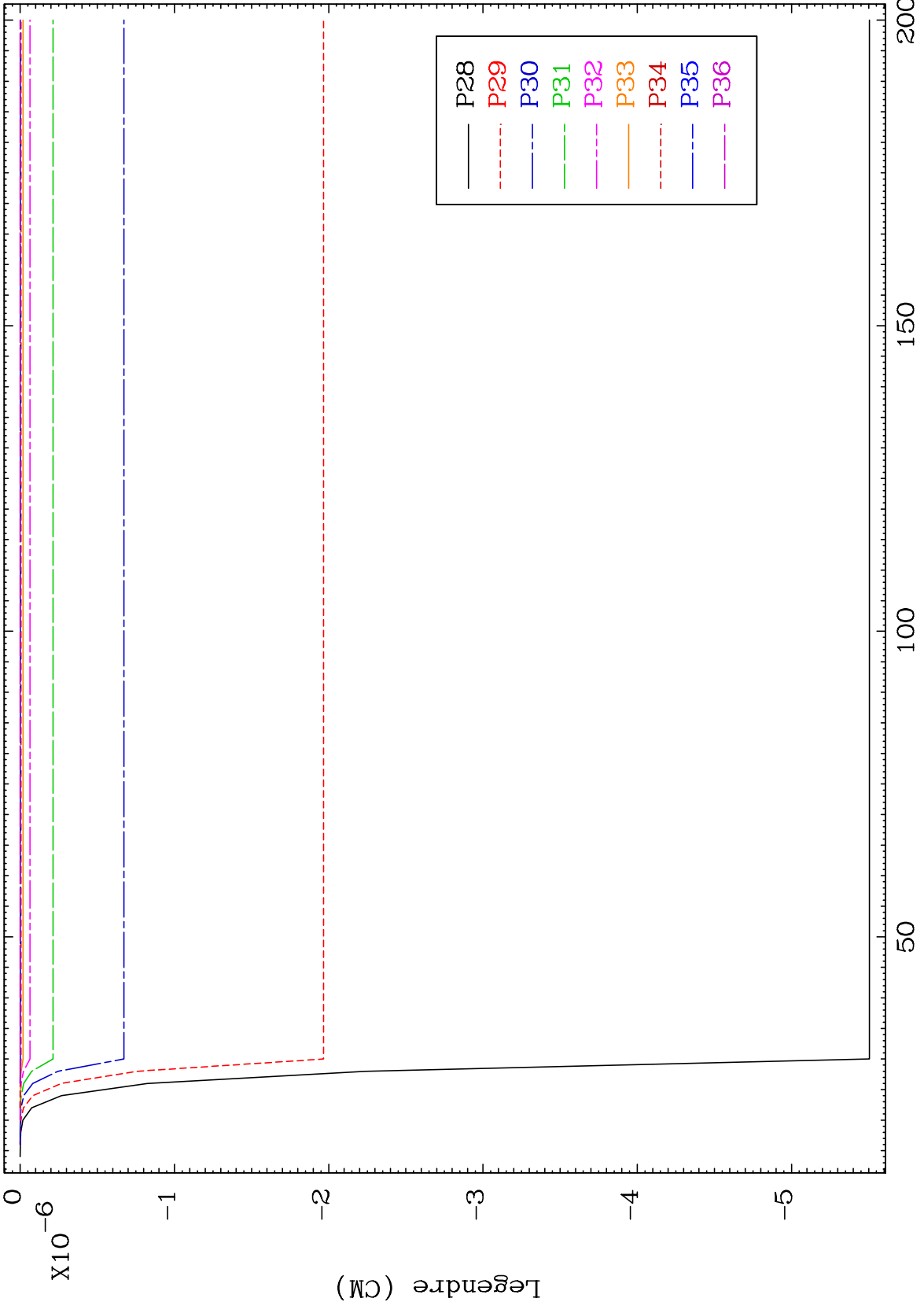


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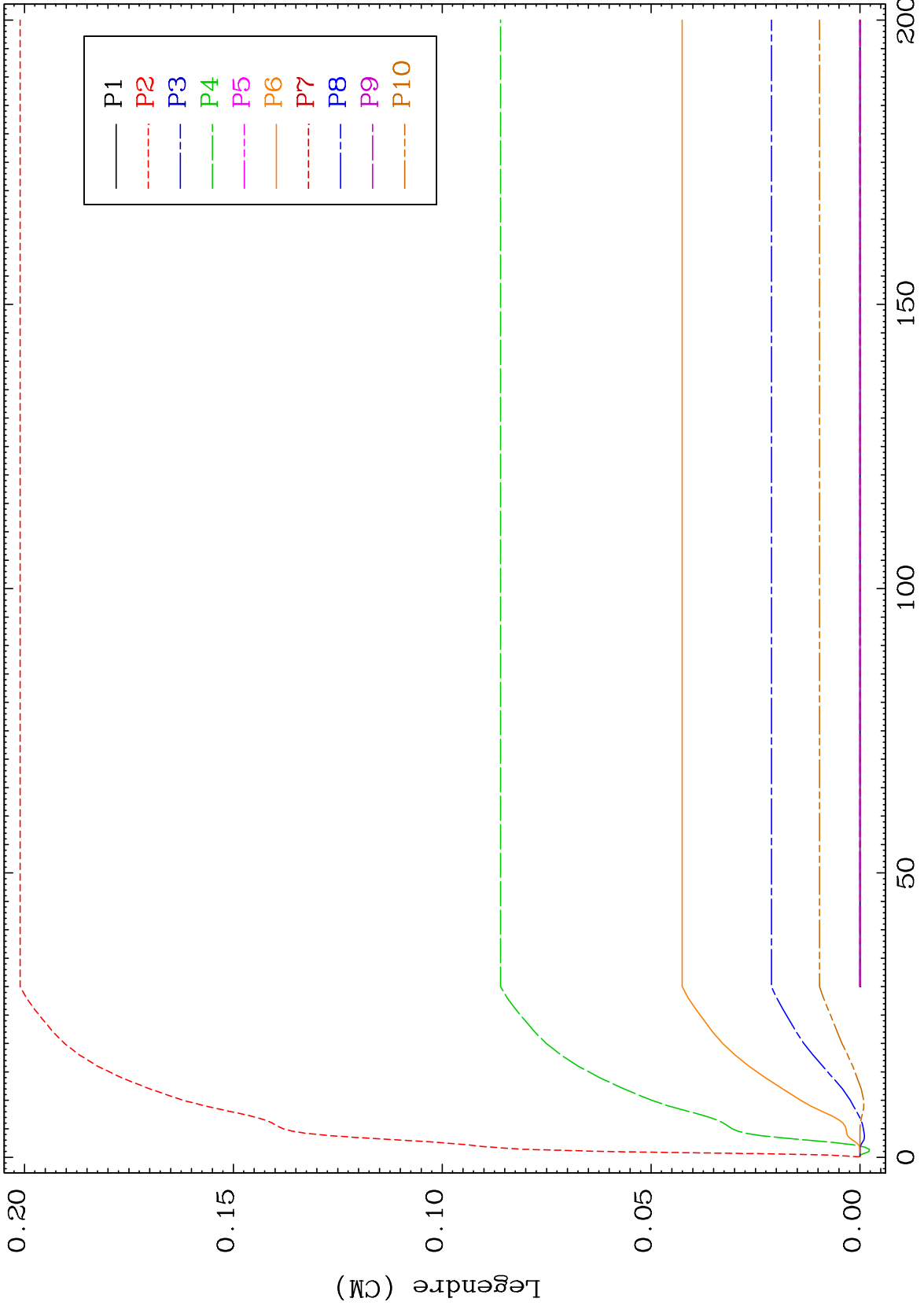
Incident Energy (MeV)

55-Cs-140

MAT 5546 MT= 52 (n,n') Level Legendre Coefficients 55-Cs-140

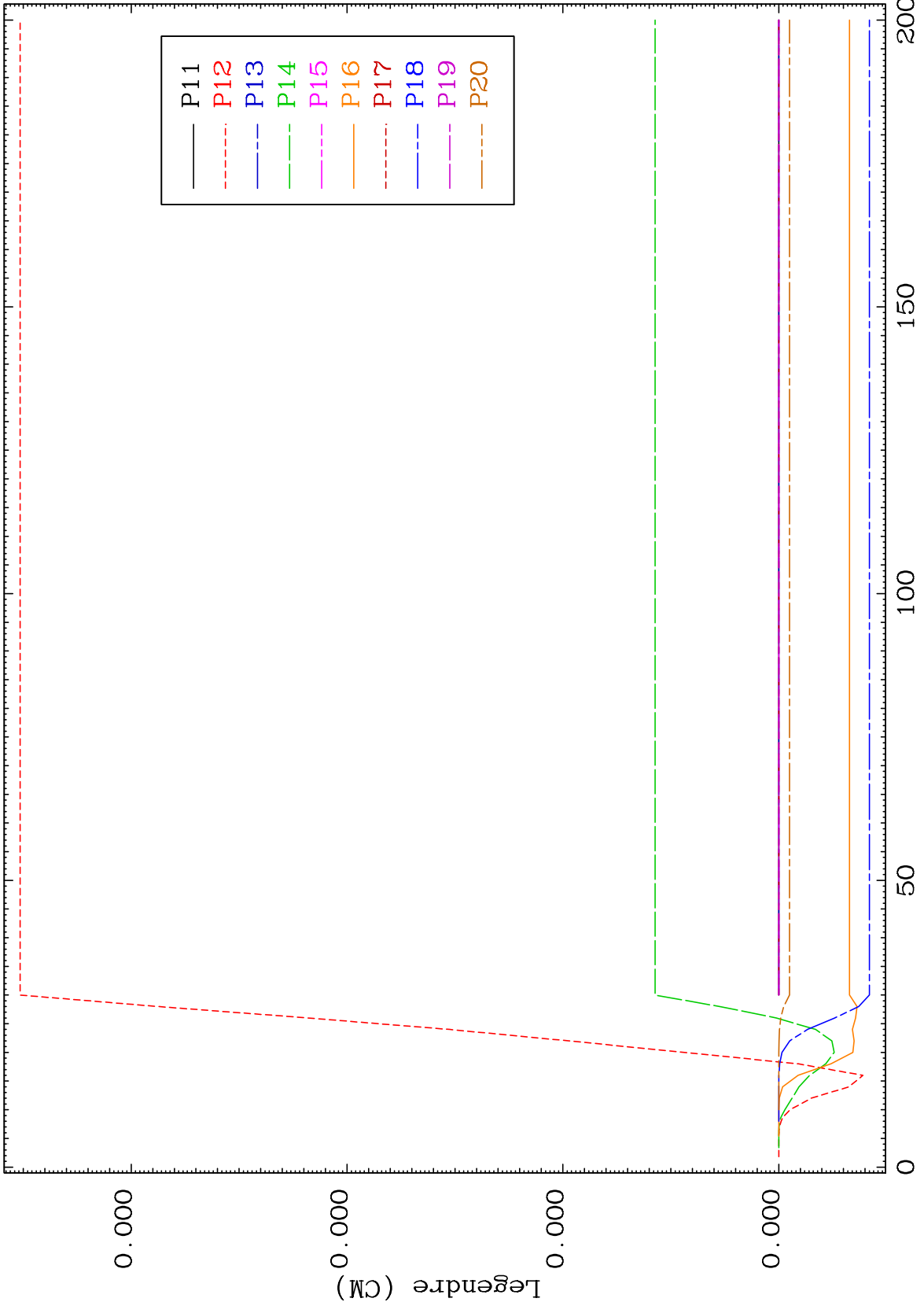


MAT 5546 MT= 53 (n,n') Level Legendre Coefficients 55-Cs-140



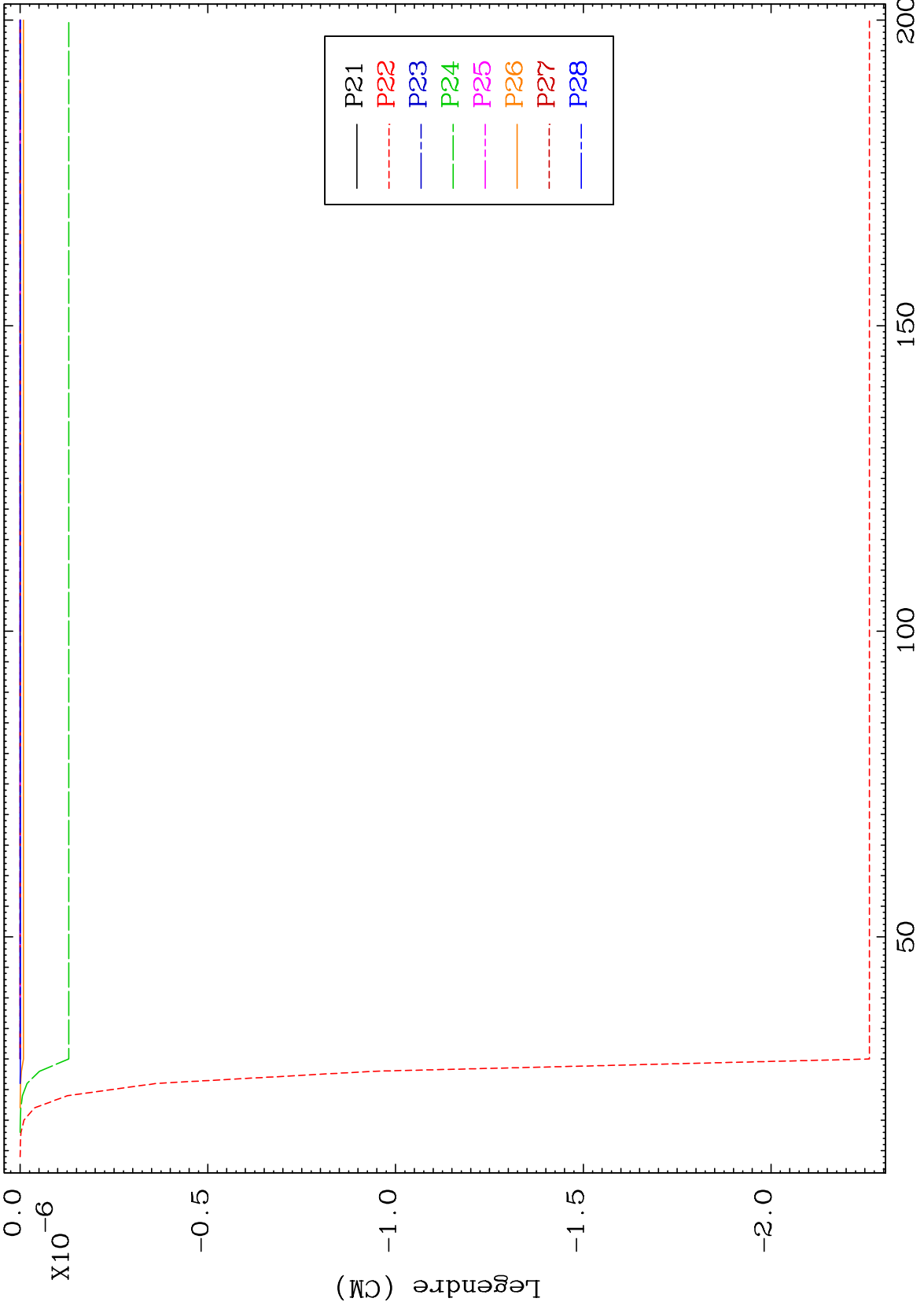
27 Incident Energy (MeV) 55-Cs-140

MAT 5546 MT= 53 (n,n') Level Legendre Coefficients 55-Cs-140

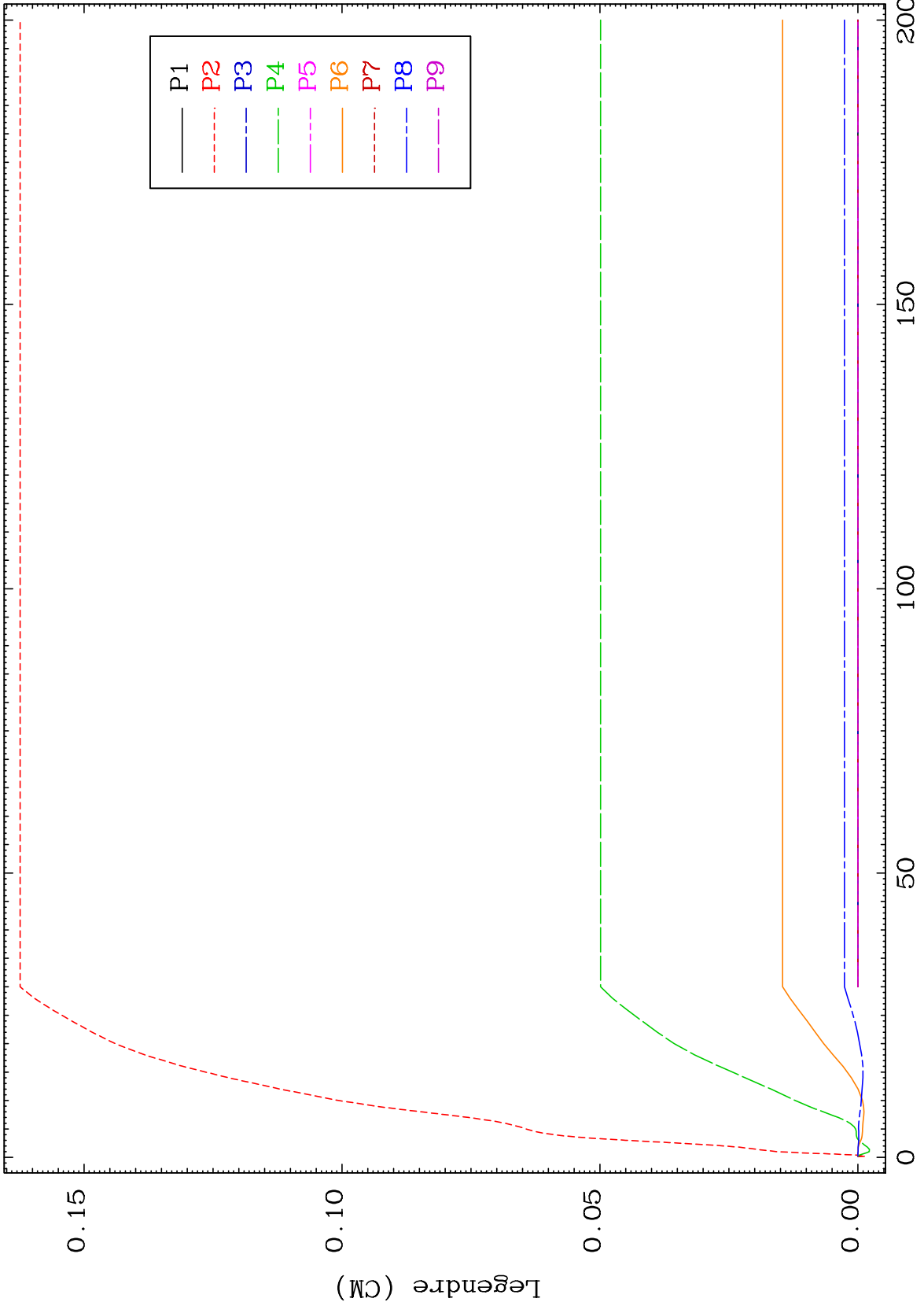


28 55-Cs-140

MAT 5546 MT= 53 (n,n') Level Legendre Coefficients 55-Cs-140



MAT 5546 MT= 54 (n,n') Level Legendre Coefficients 55-Cs-140

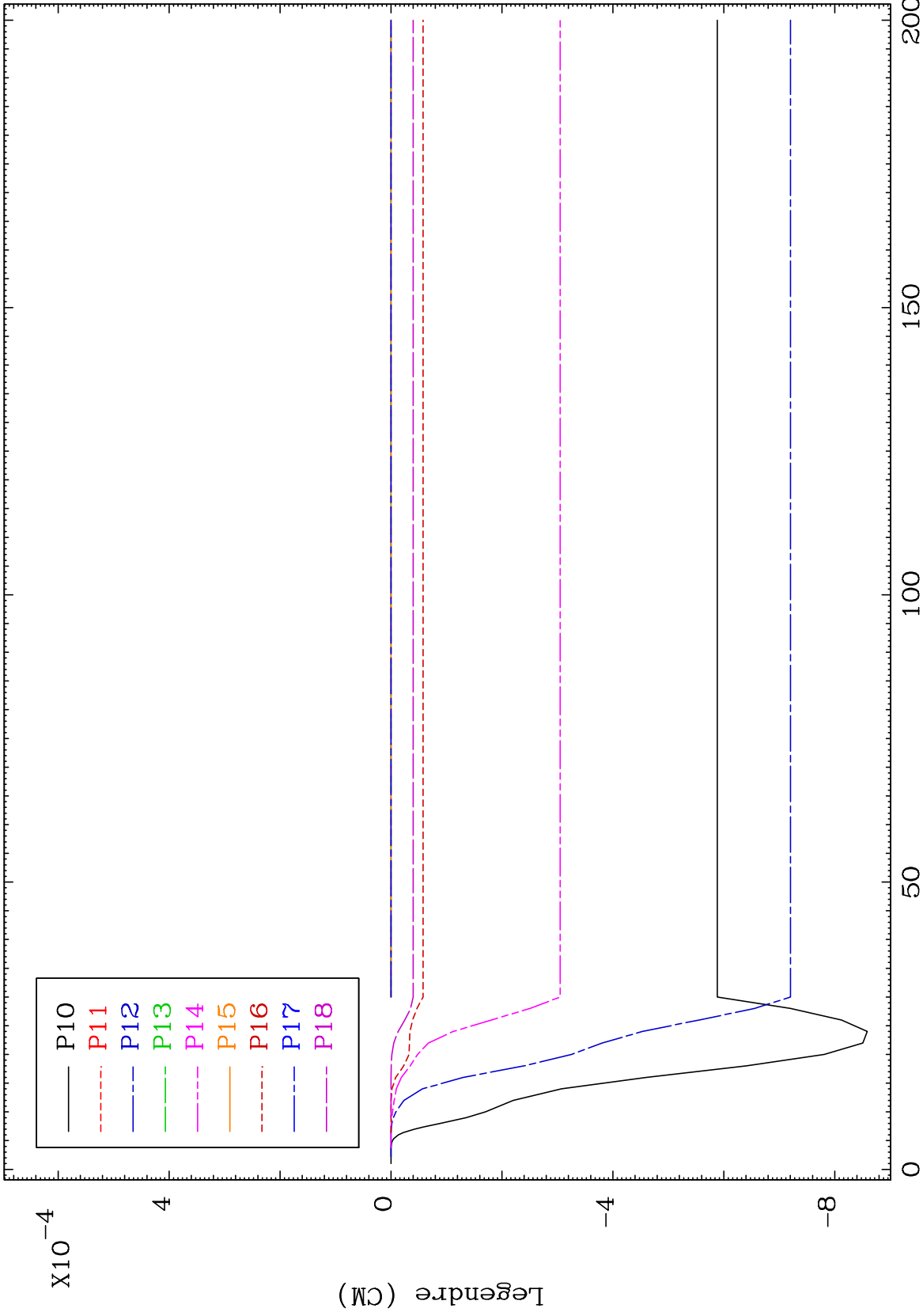


Legendre (CM) Incident Energy (MeV) 55-Cs-140

MAT 5546

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

55-Cs-140

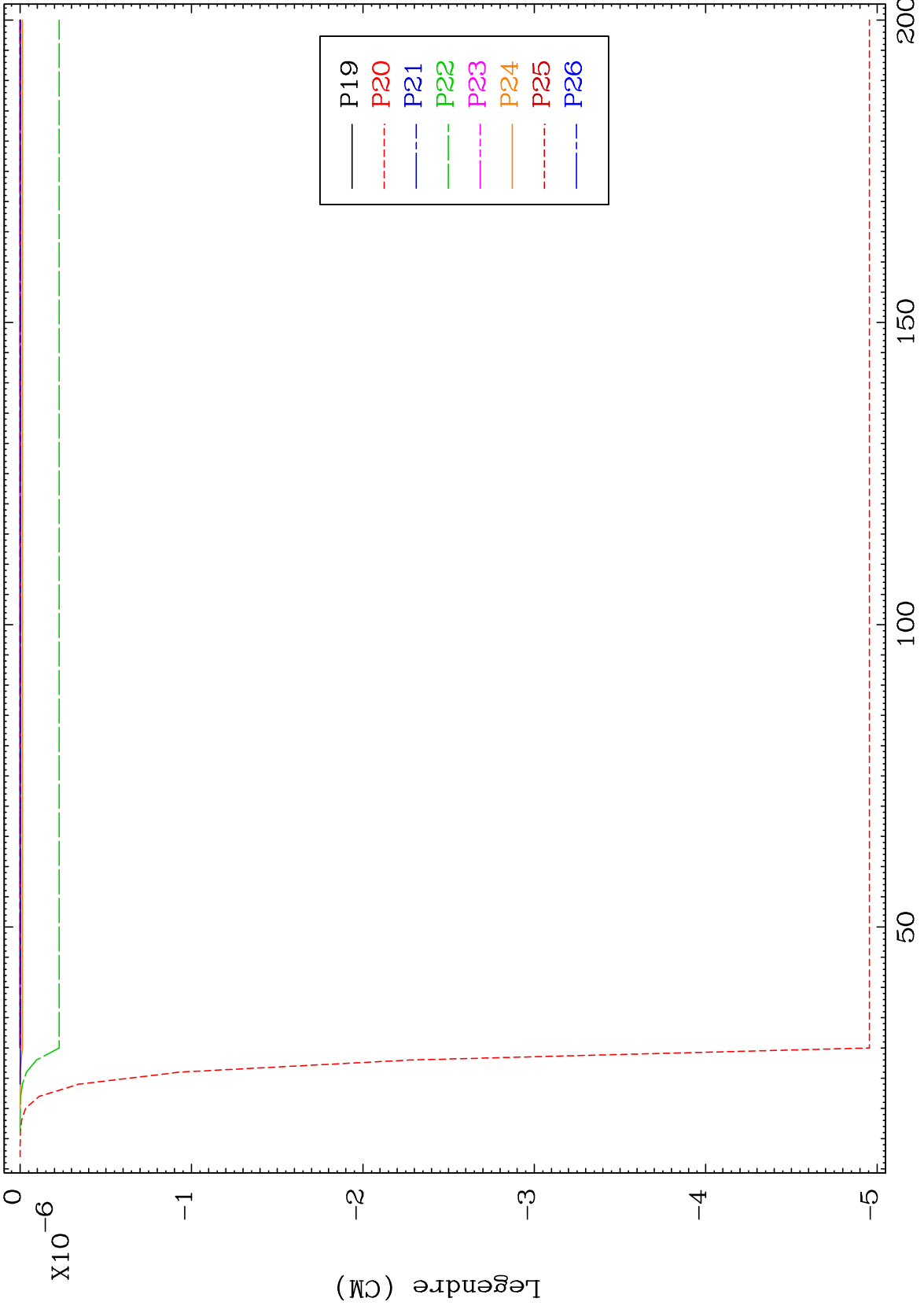


31

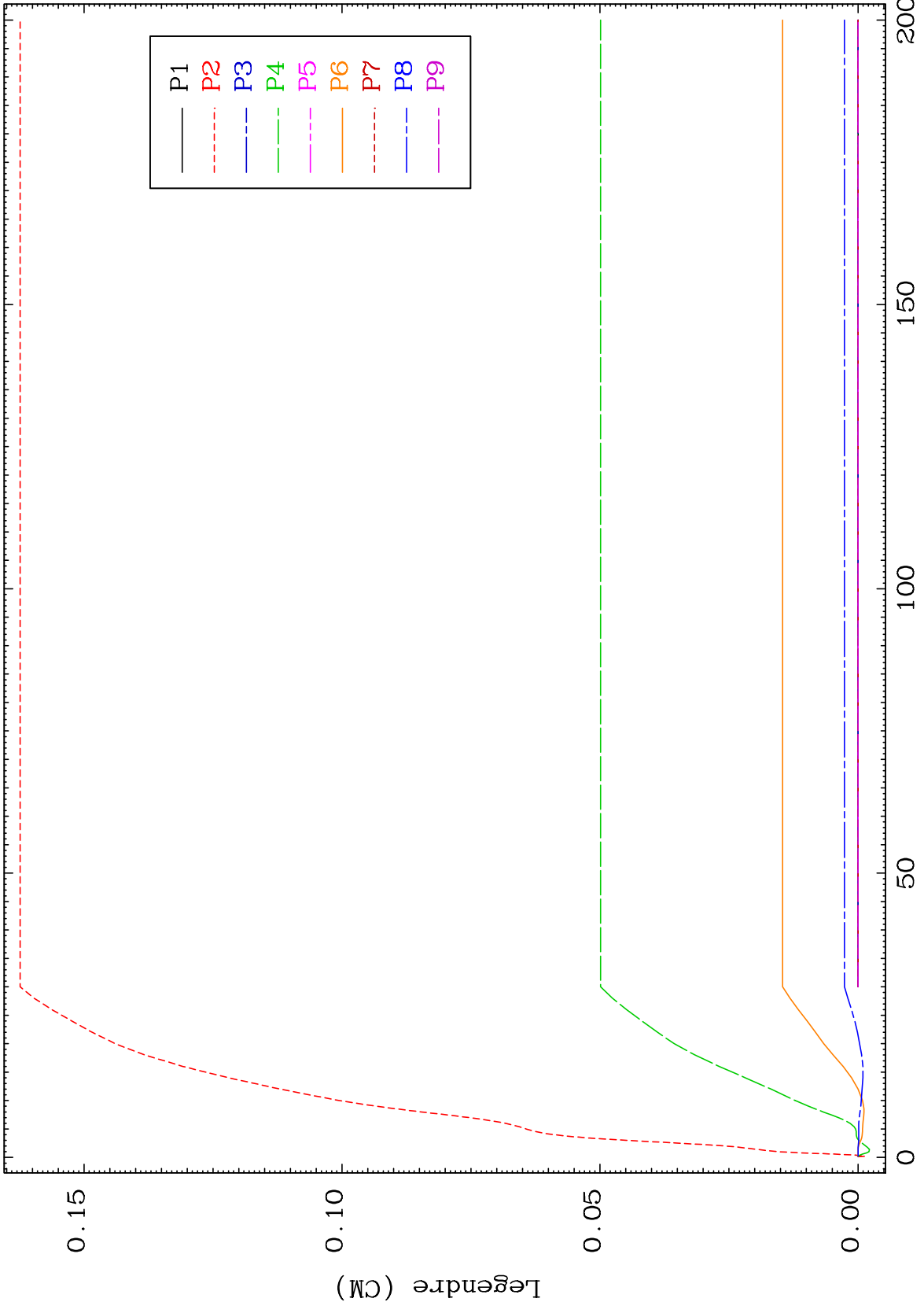
Incident Energy (MeV)

55-Cs-140

MAT 5546 MT= 54 (n,n') Level Legendre Coefficients 55-Cs-140



MAT 5546 MT= 55 (n,n') Level Legendre Coefficients 55-Cs-140

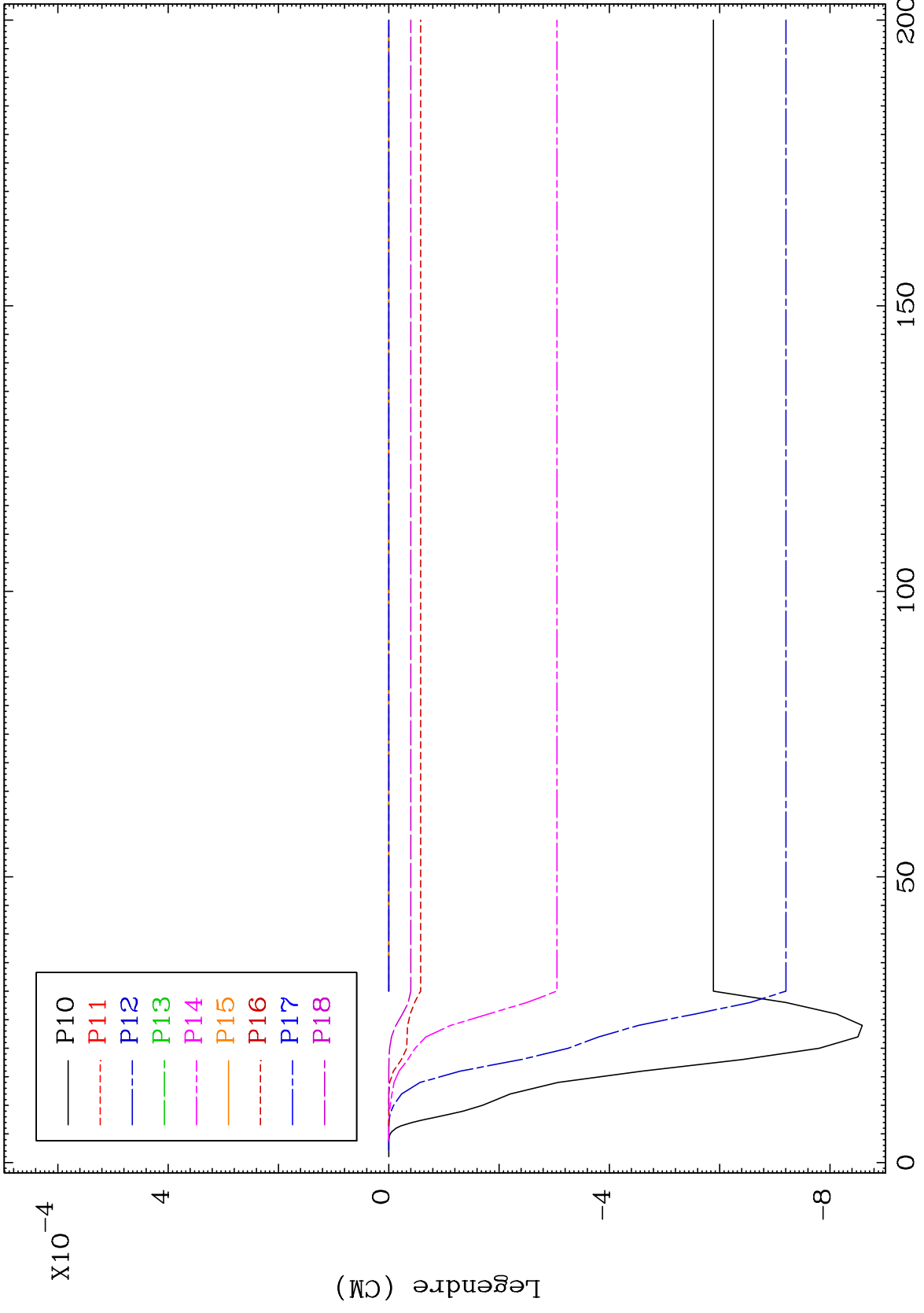


33 Incident Energy (MeV) 55-Cs-140

MAT 5546

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

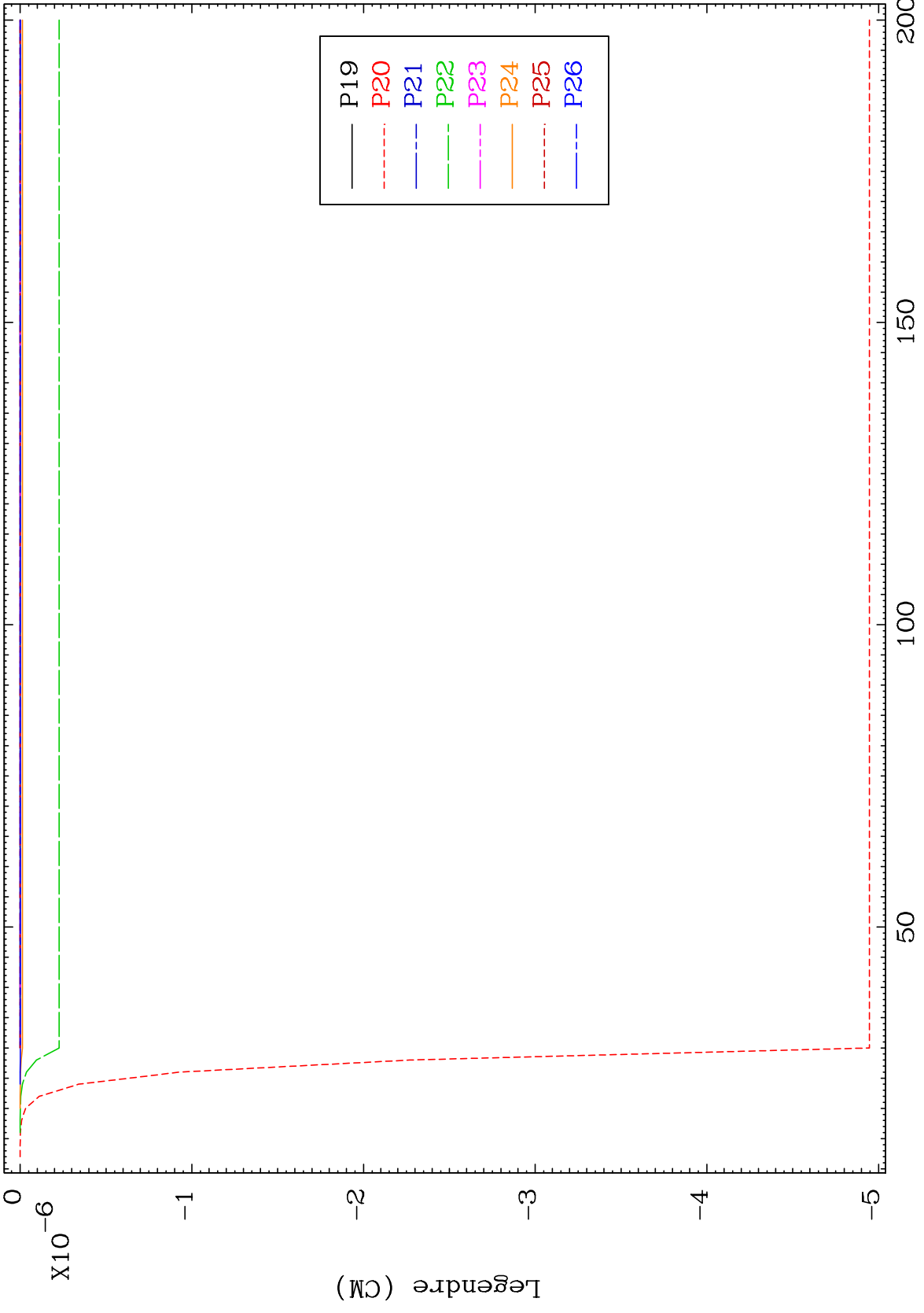
55-Cs-140



34

55-Cs-140

MAT 5546 MT= 55 (n,n') Level Legendre Coefficients 55-Cs-140

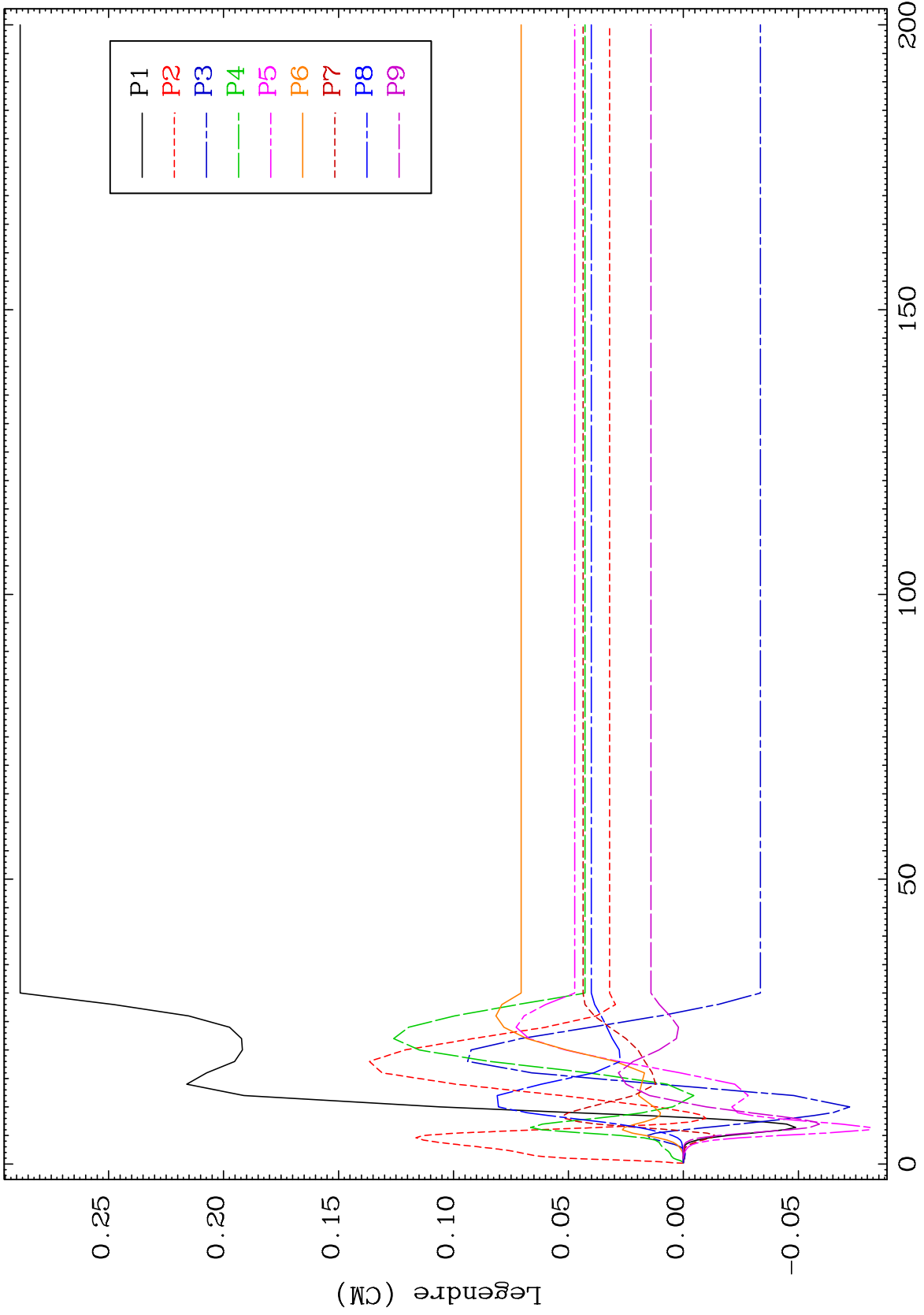


35 Incident Energy (MeV) 55-Cs-140

MAT 5546

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

55-Cs-140

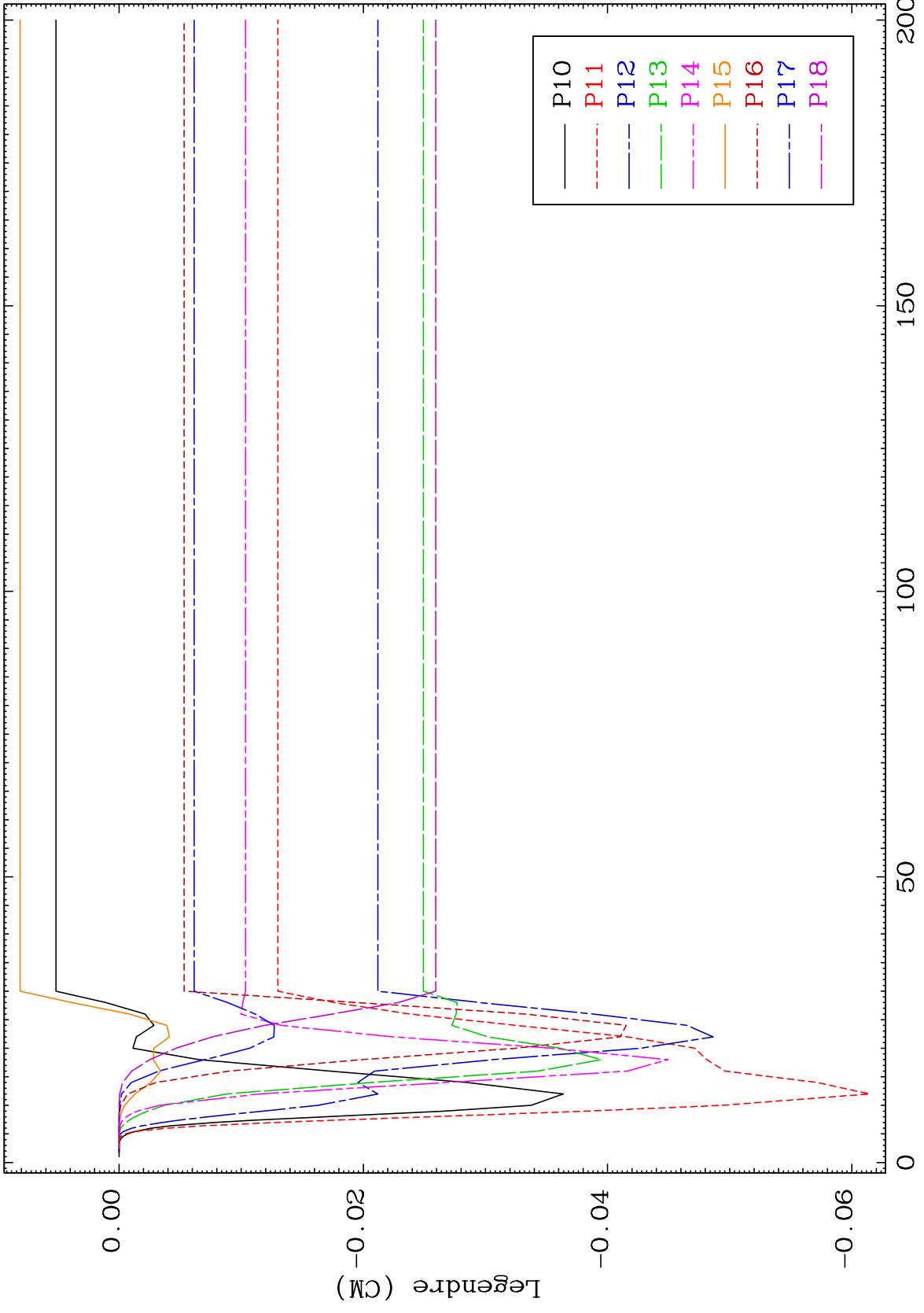


36

Incident Energy (MeV)

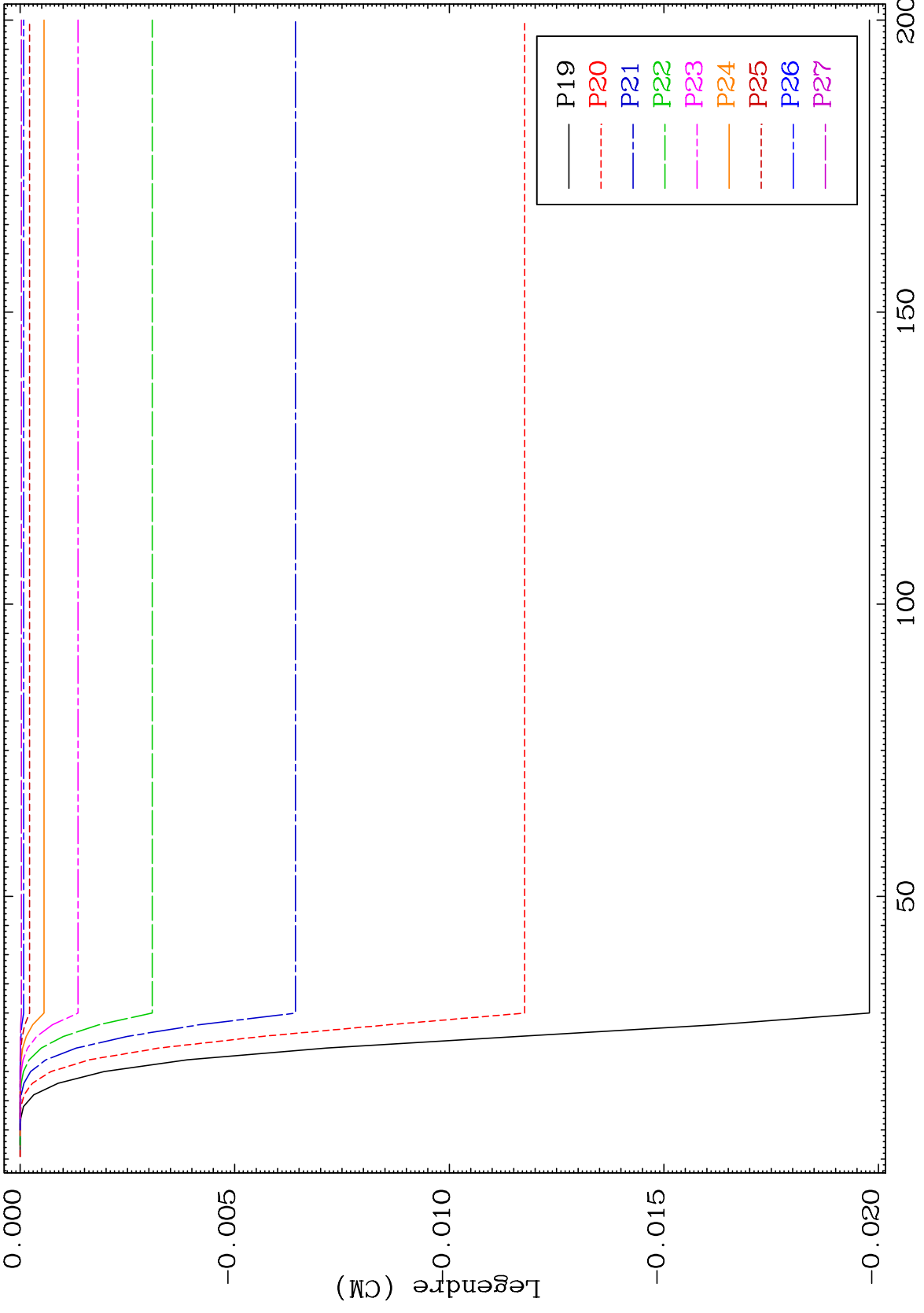
55-Cs-140

MAT 5546 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-140

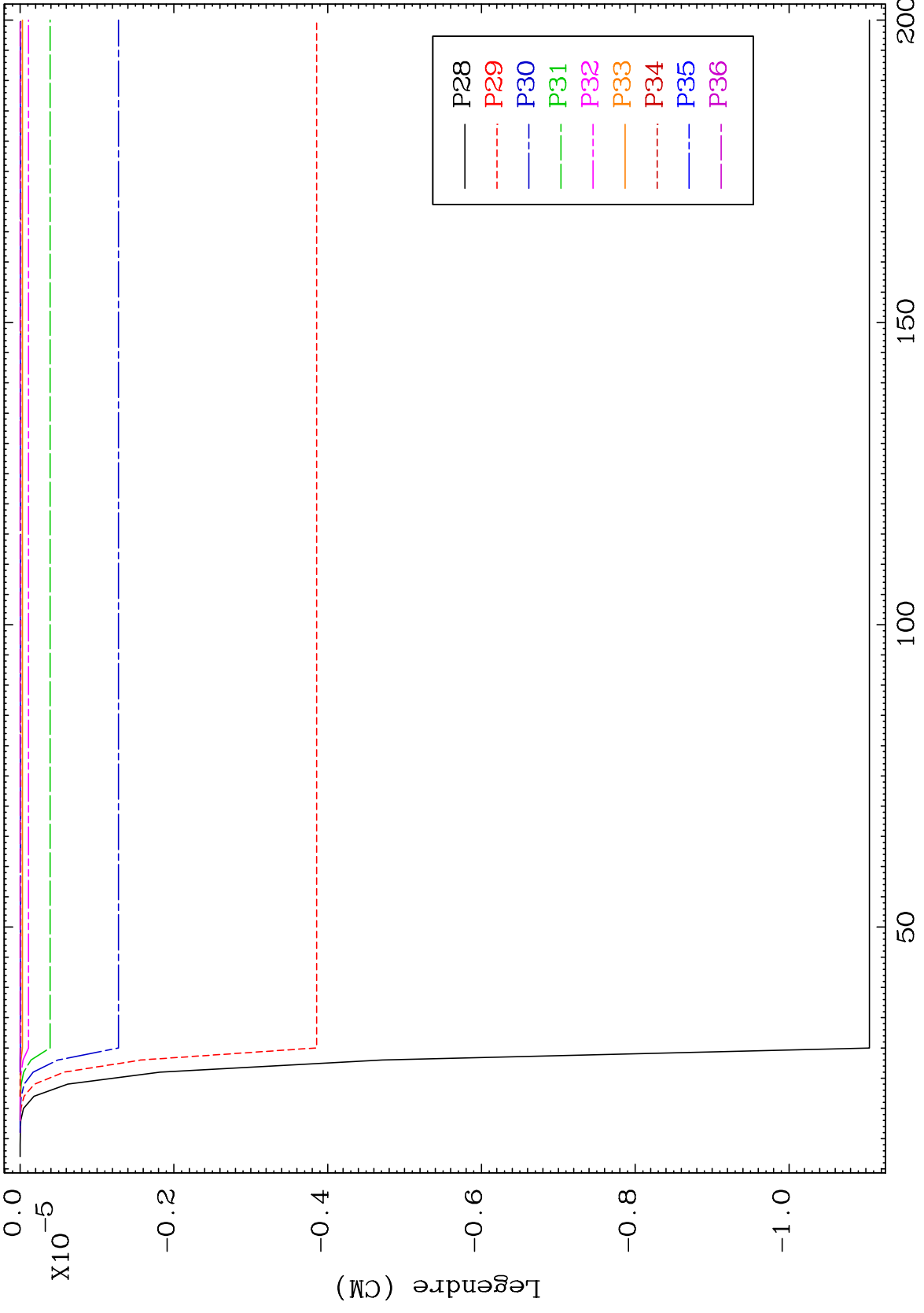


37 55-Cs-140

MAT 5546 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-140



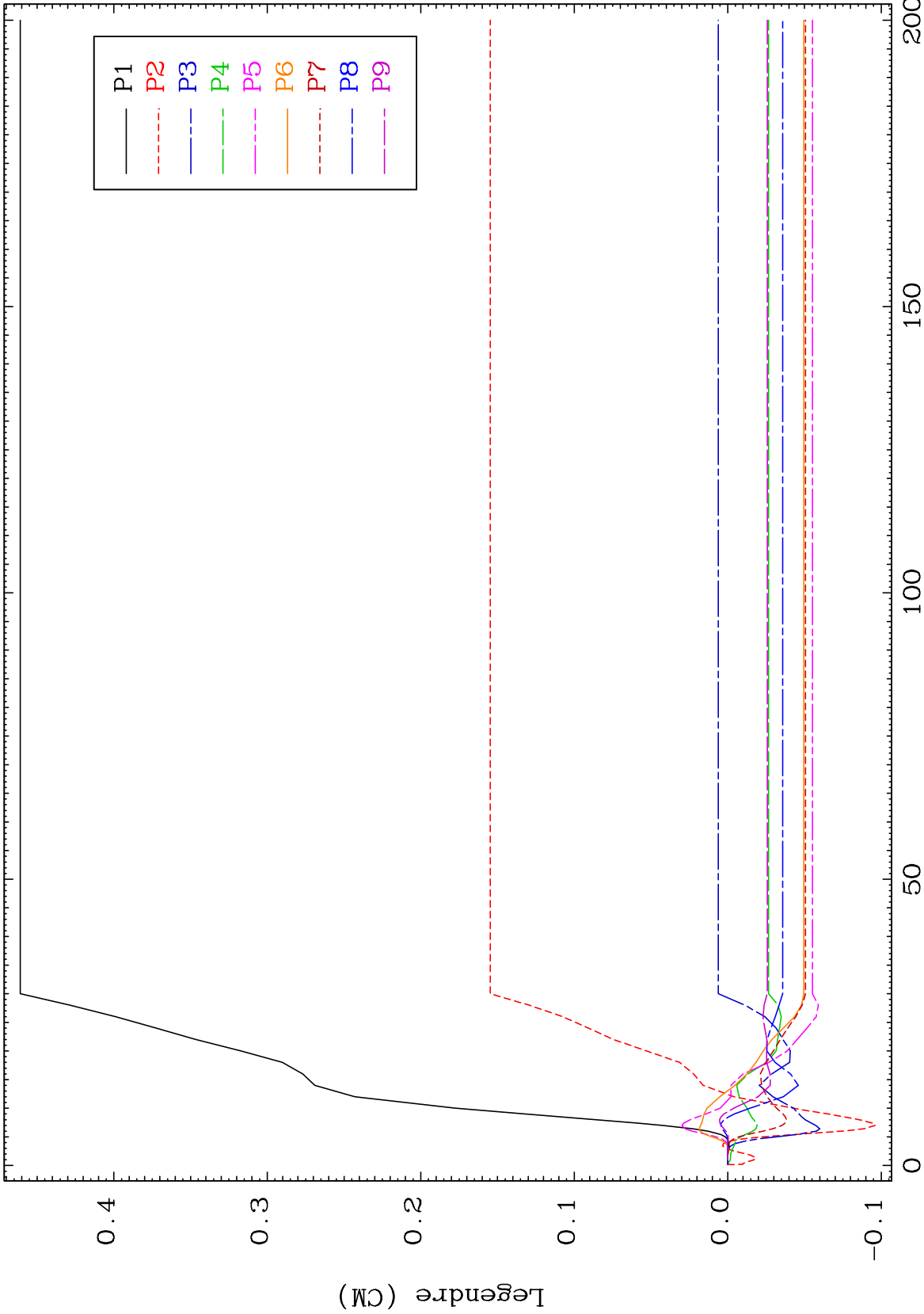
MAT 5546 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-140



MAT 5546

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

55-Cs-140



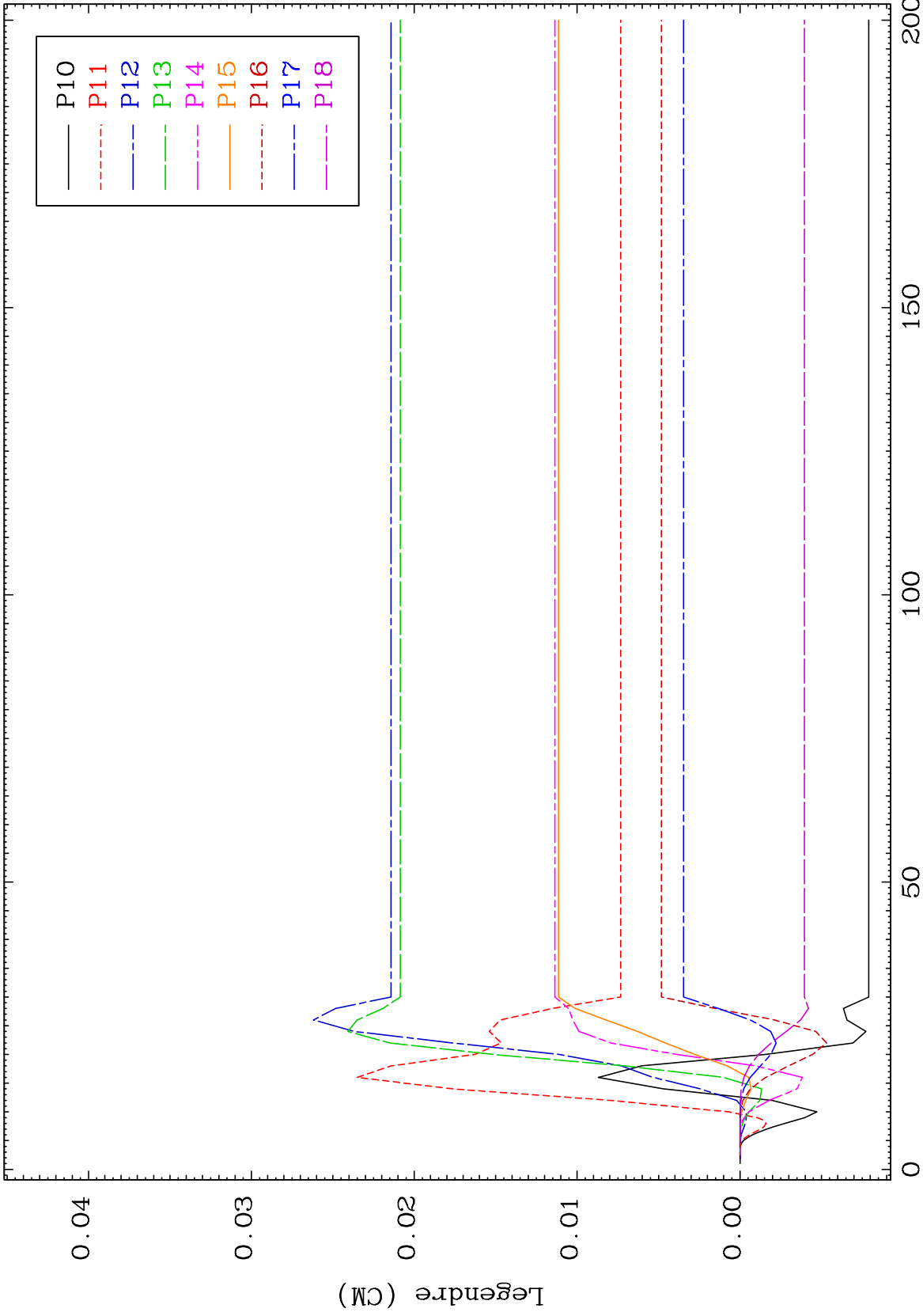
55-Cs-140

Incident Energy (MeV)

MAT 5546

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

55-Cs-140



41

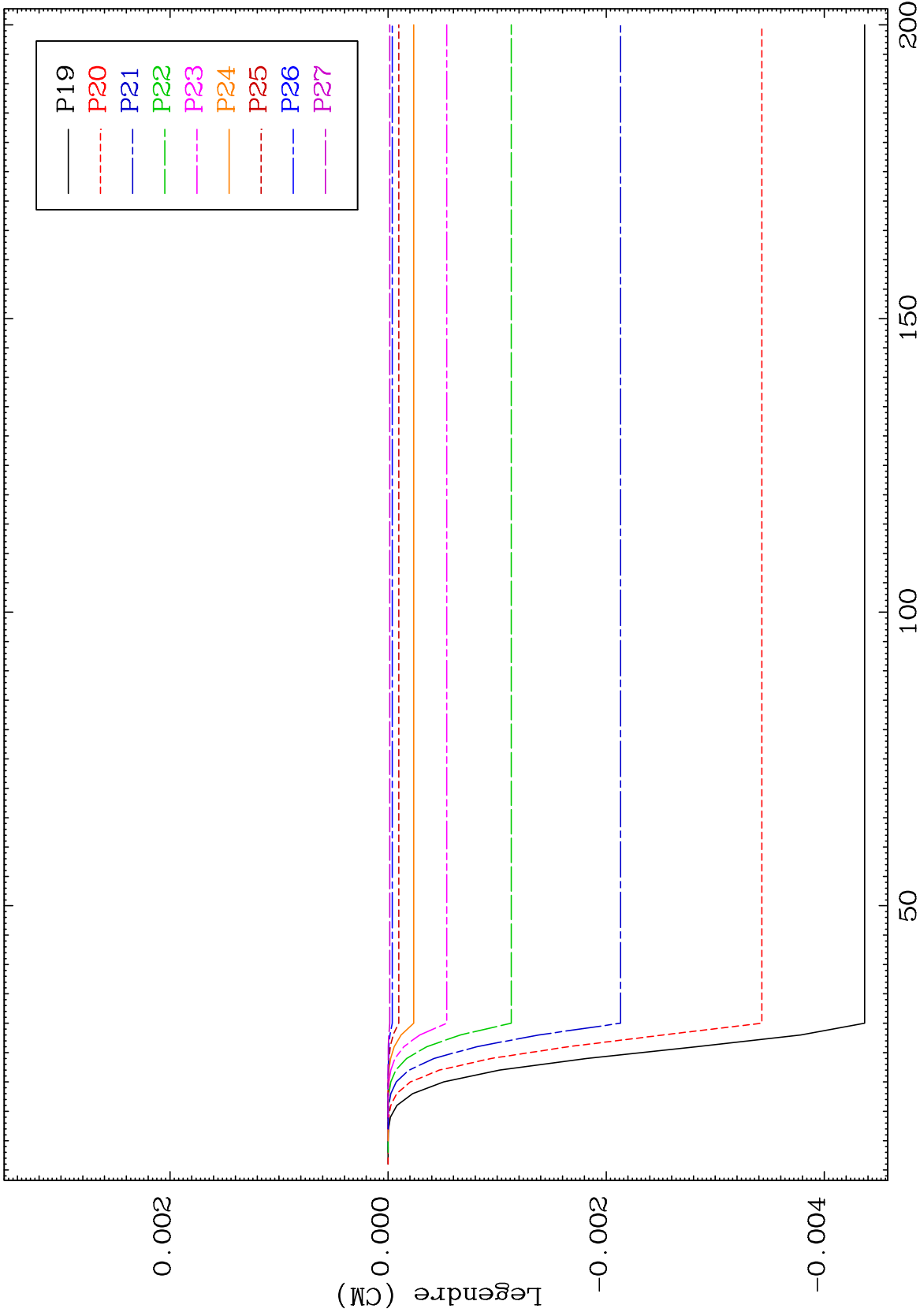
Incident Energy (MeV)

55-Cs-140

MAT 5546

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

55-Cs-140

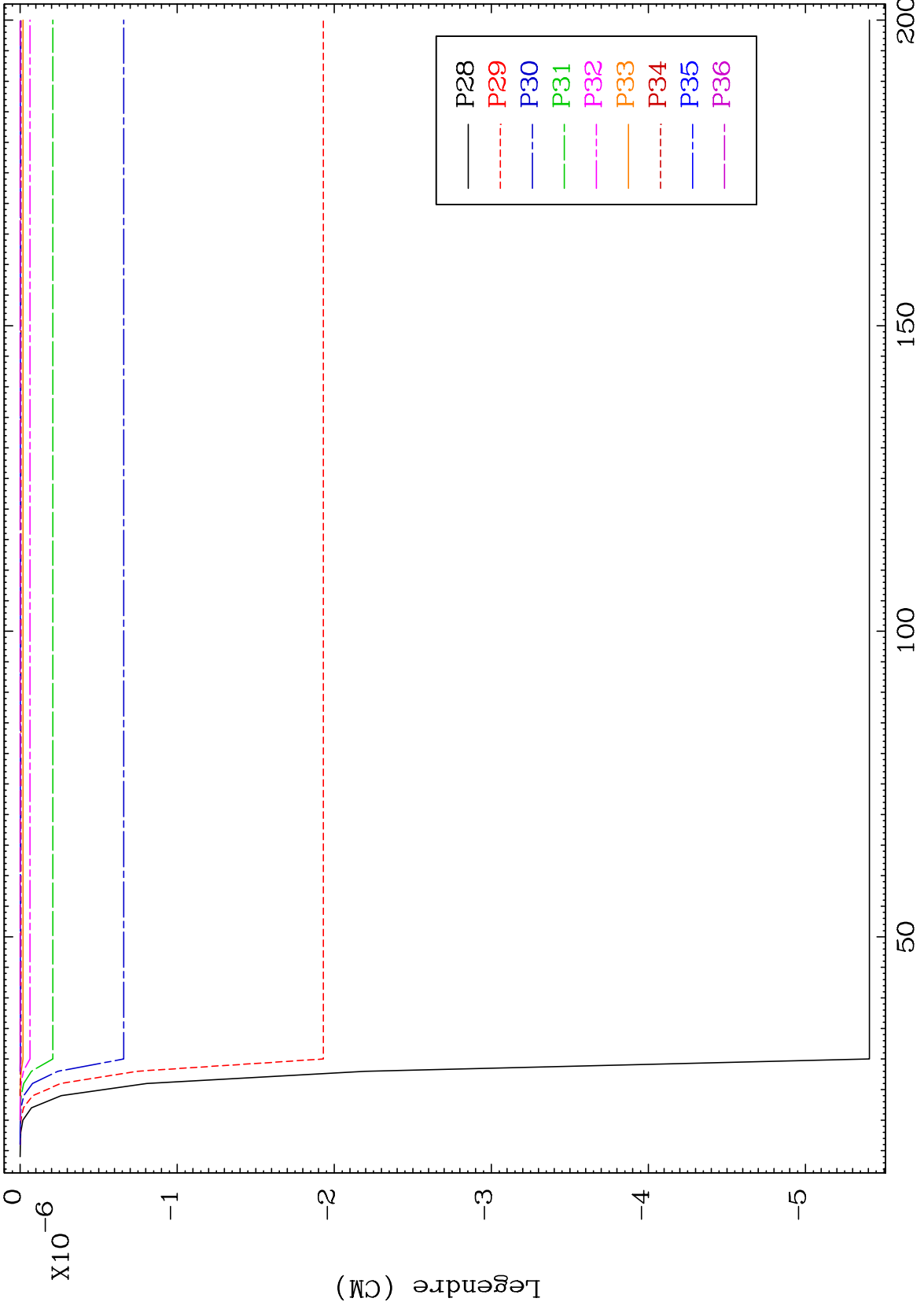


42

Incident Energy (MeV)

55-Cs-140

MAT 5546 MT= 57 (n,n') Level Legendre Coefficients 55-Cs-140

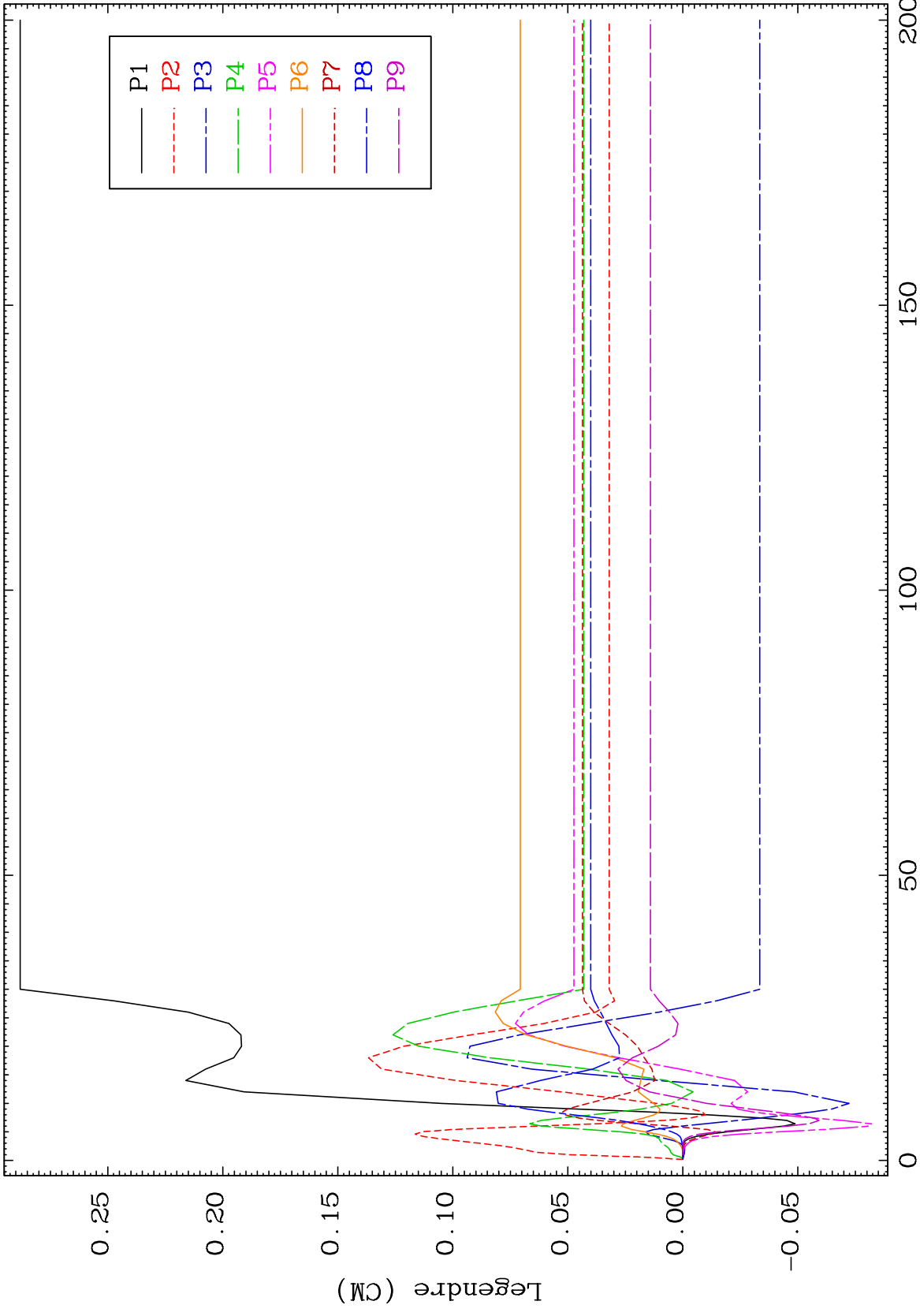


43 Incident Energy (MeV) 55-Cs-140

MAT 5546

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

55-Cs-140

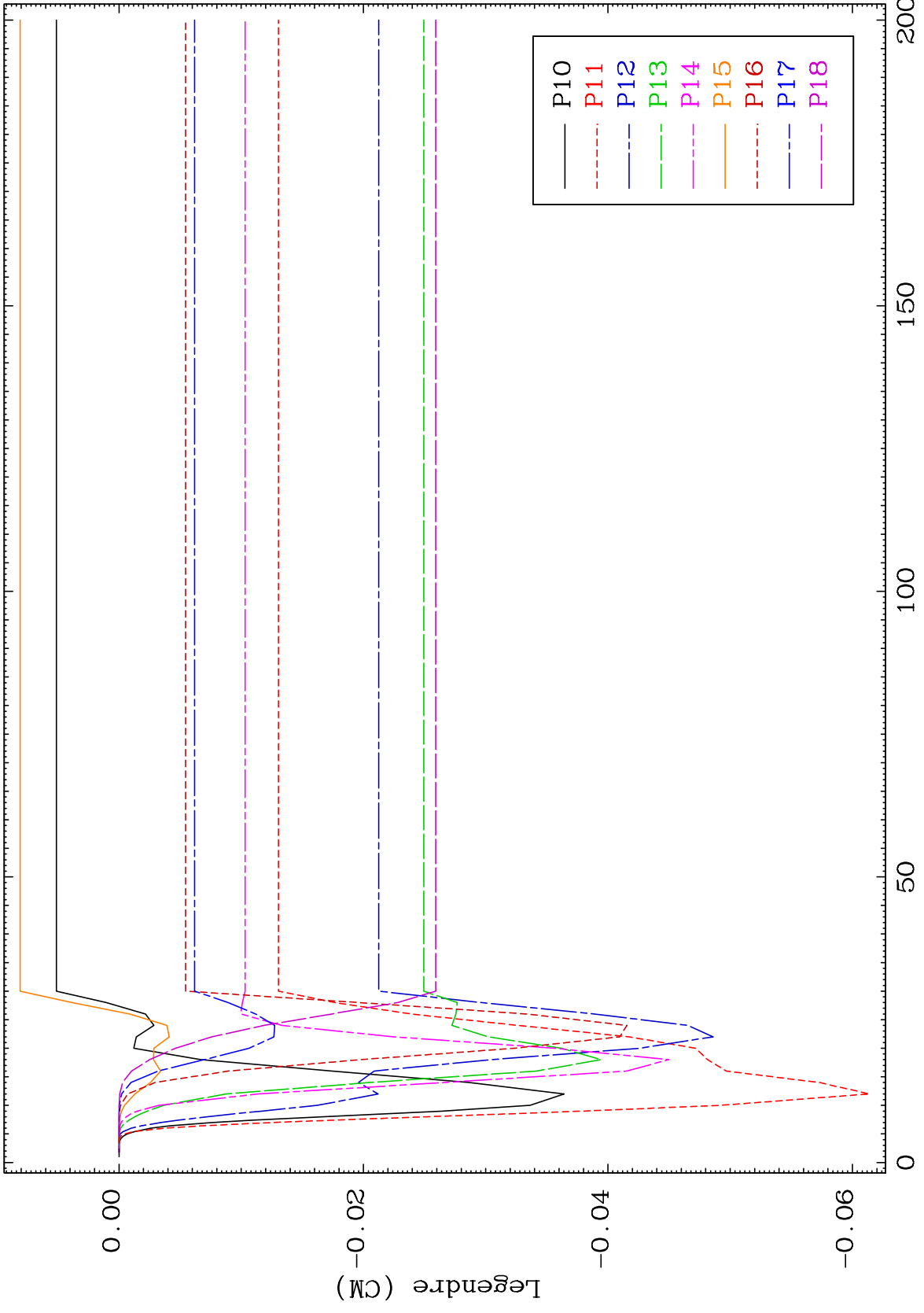


44

Incident Energy (MeV)

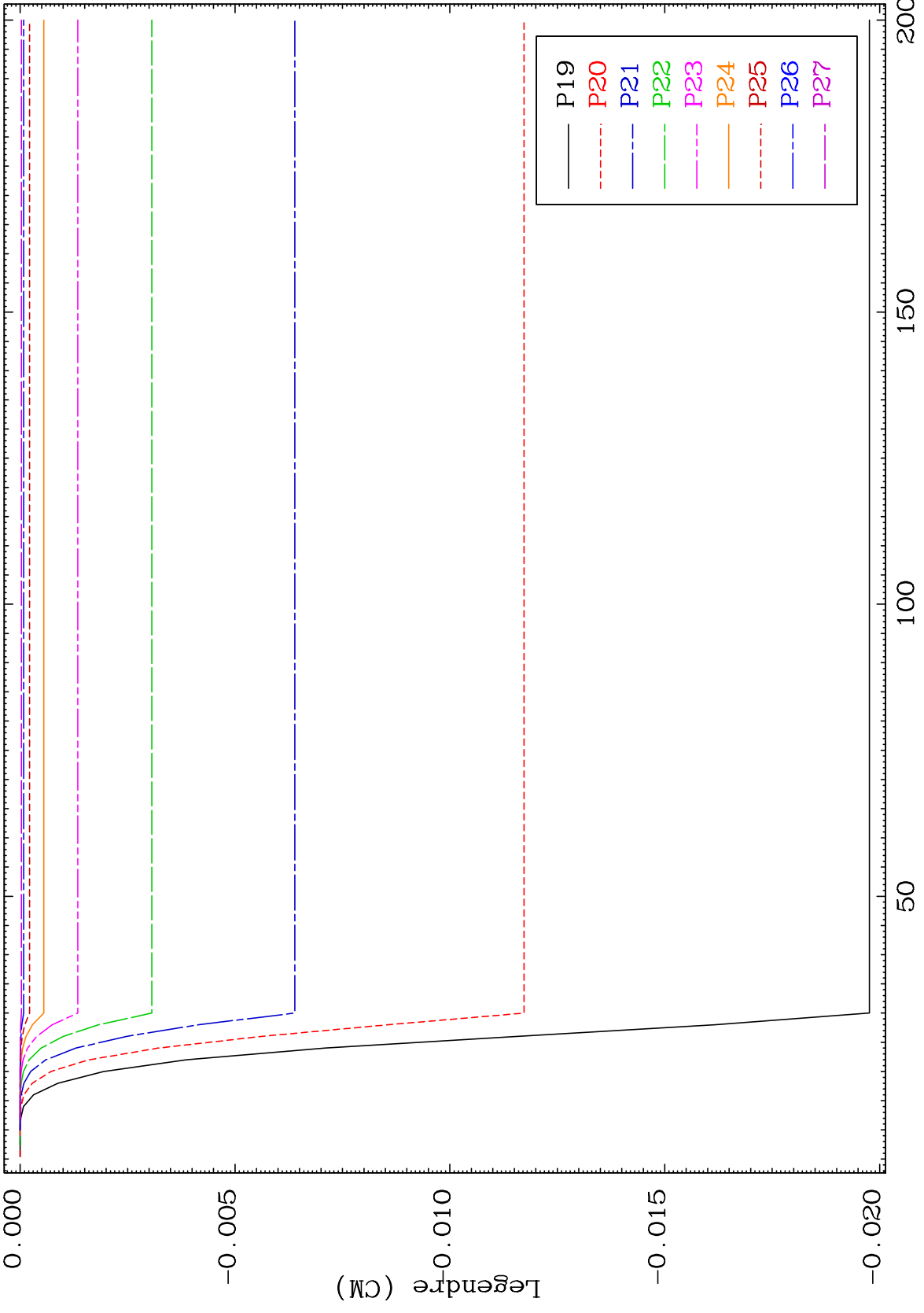
55-Cs-140

MAT 5546 MT= 58 (n,n') Level Legendre Coefficients 55-Cs-140



45 Incident Energy (MeV) 55-Cs-140

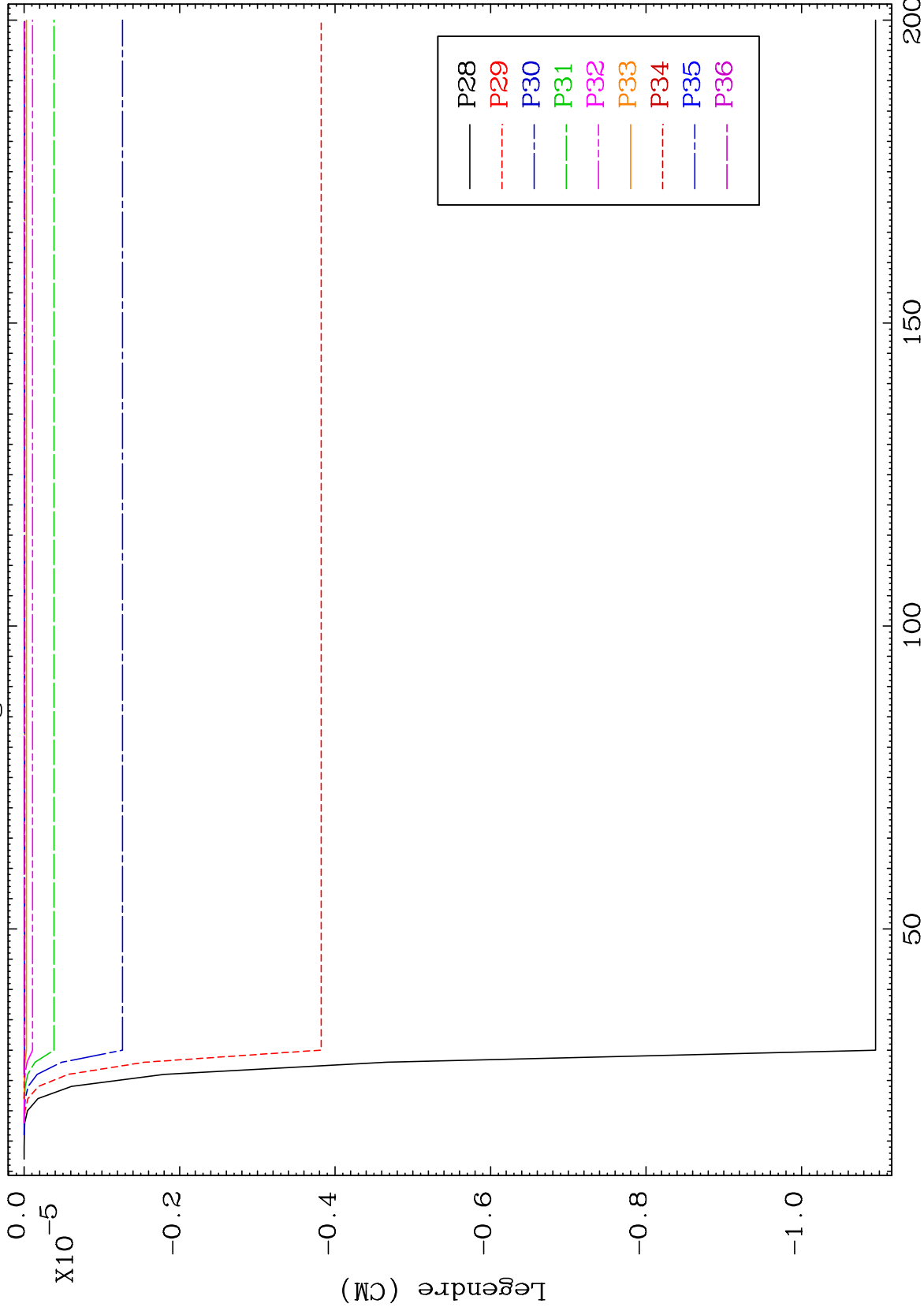
MAT 5546 MT= 58 (n,n') Level Legendre Coefficients 55-Cs-140



46 Incident Energy (MeV) 55-Cs-140

MAT 5546 MT= 58 (n,n') Level 55-Cs-140

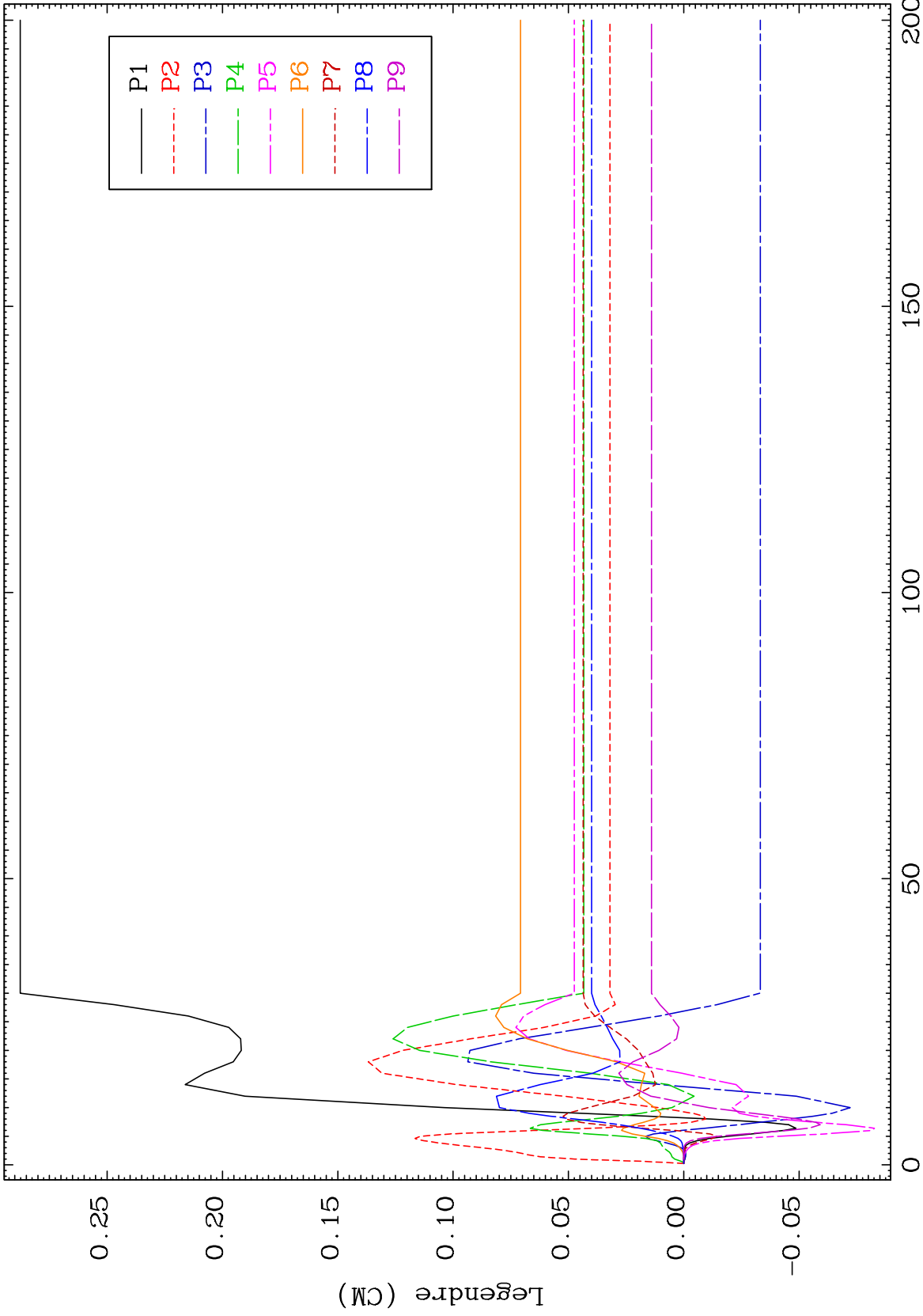
Legendre Coefficients



MAT 5546

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

55-Cs-140

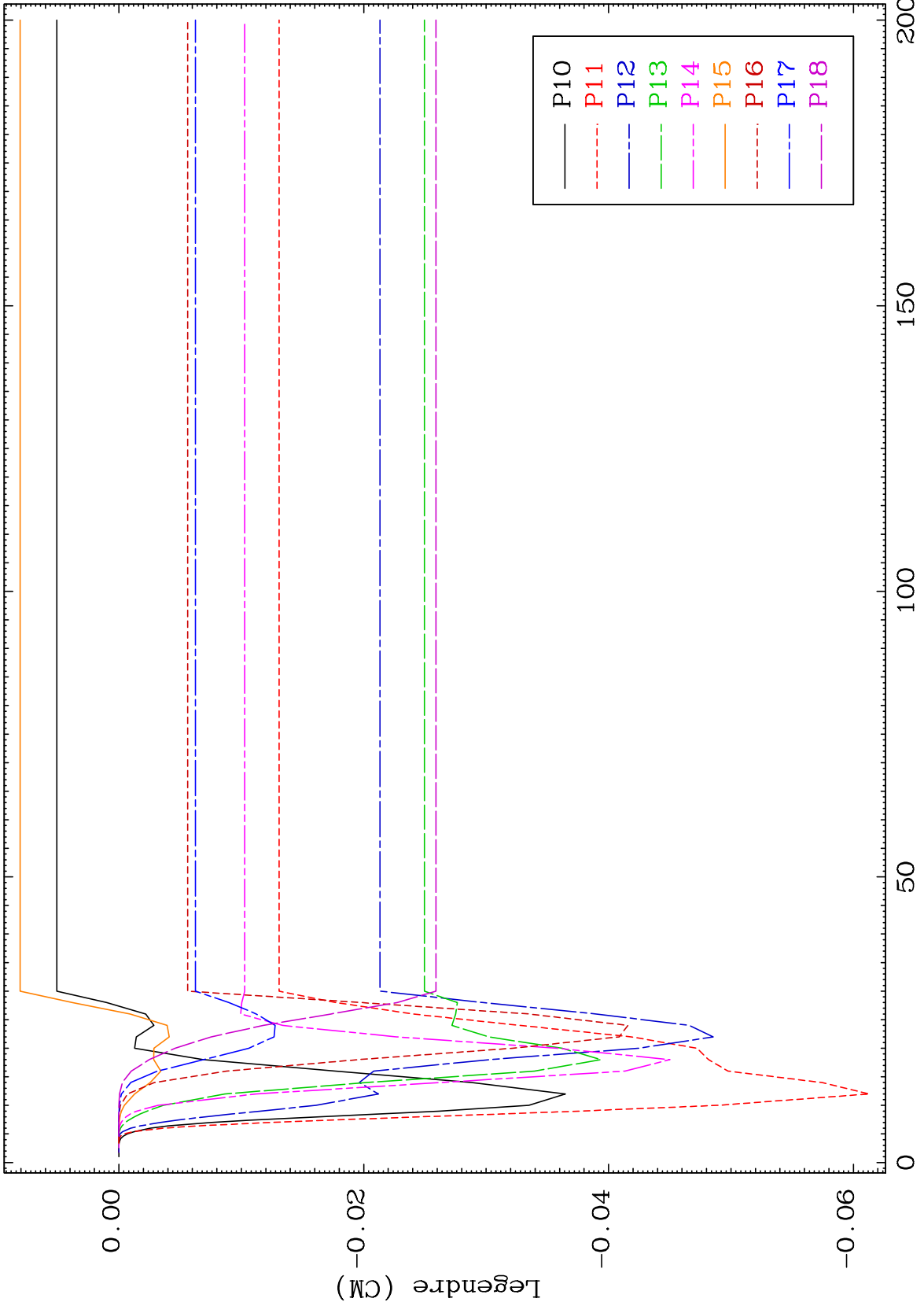


48

Incident Energy (MeV)

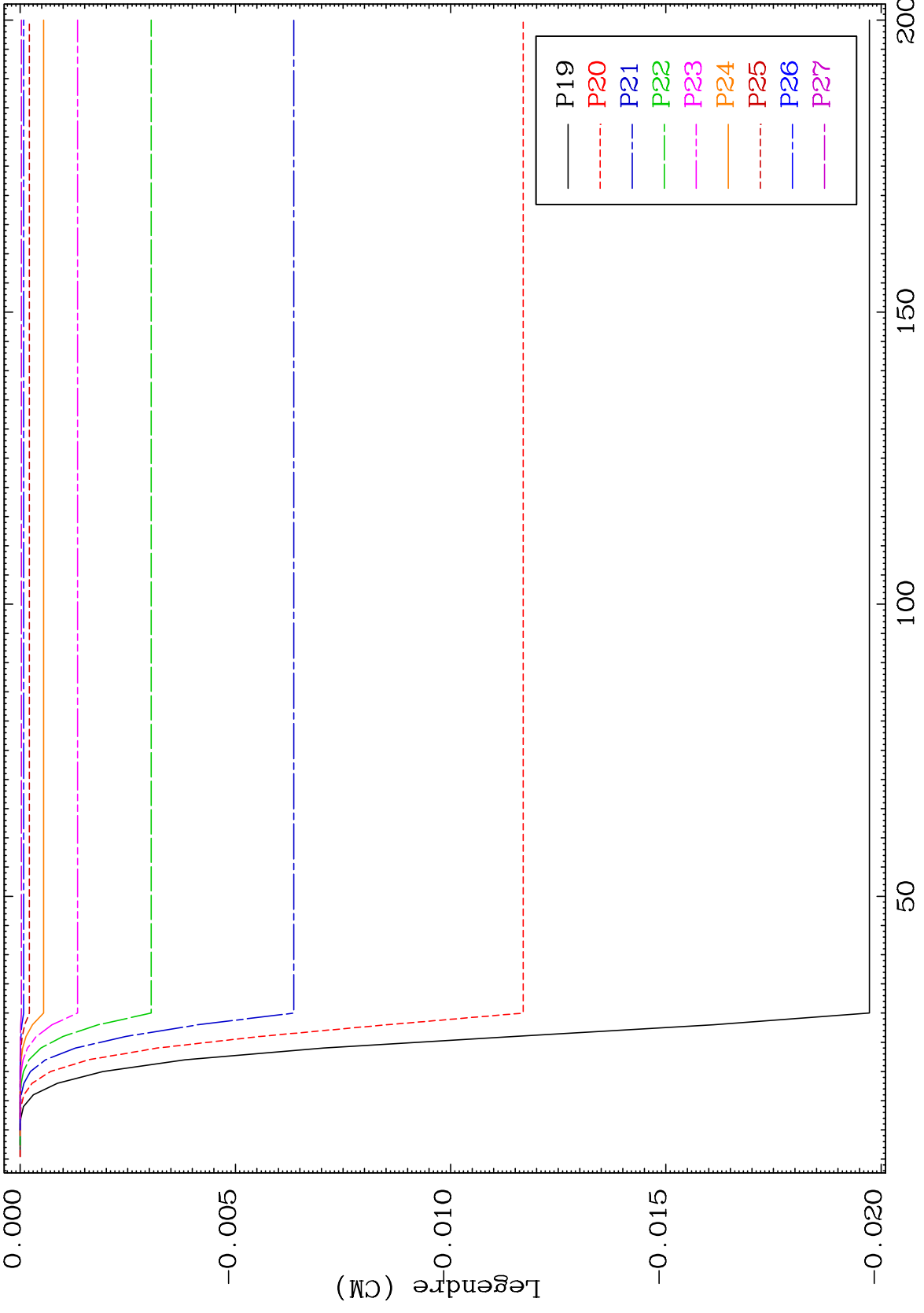
55-Cs-140

MAT 5546 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-140



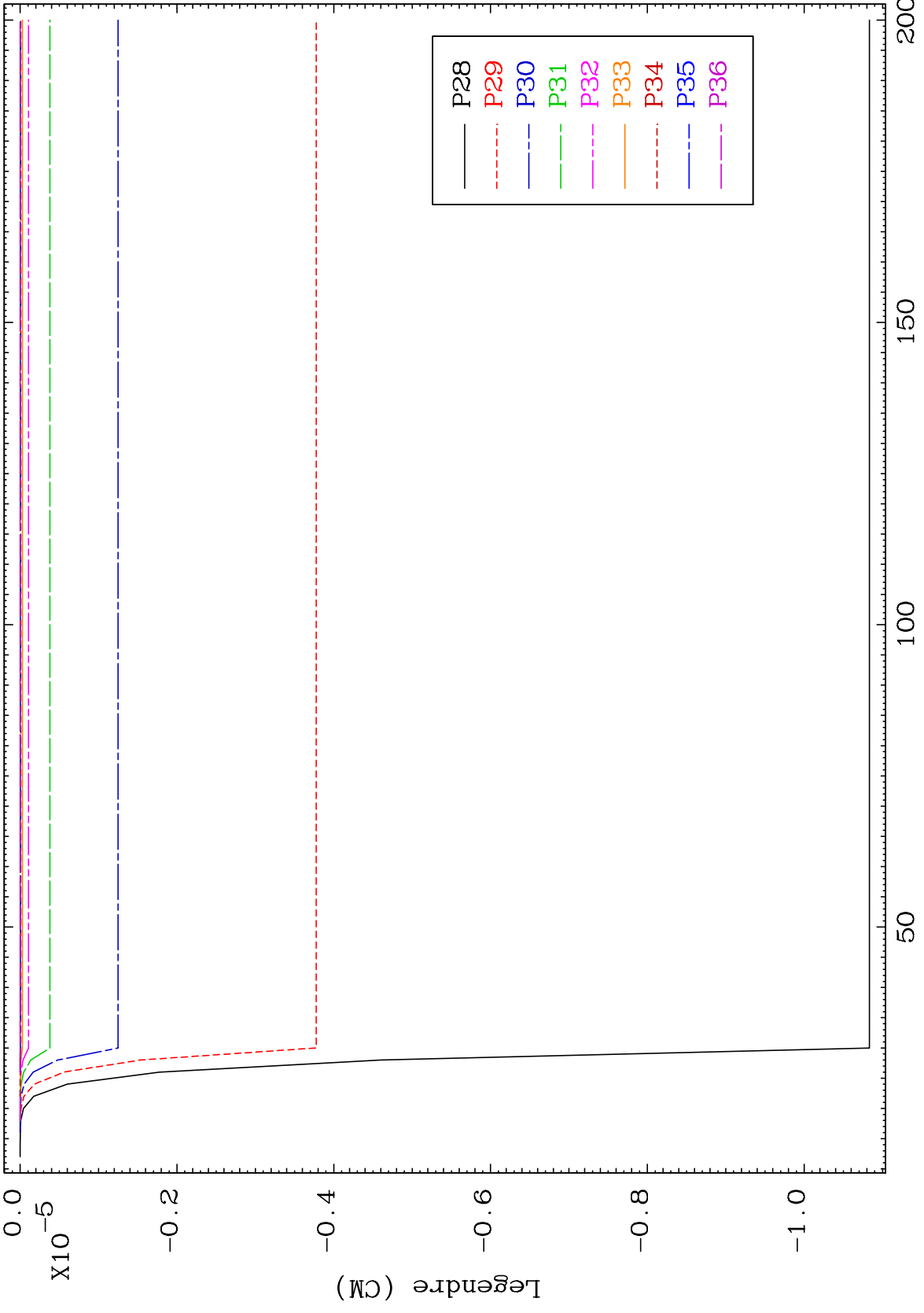
49 55-Cs-140

MAT 5546 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-140



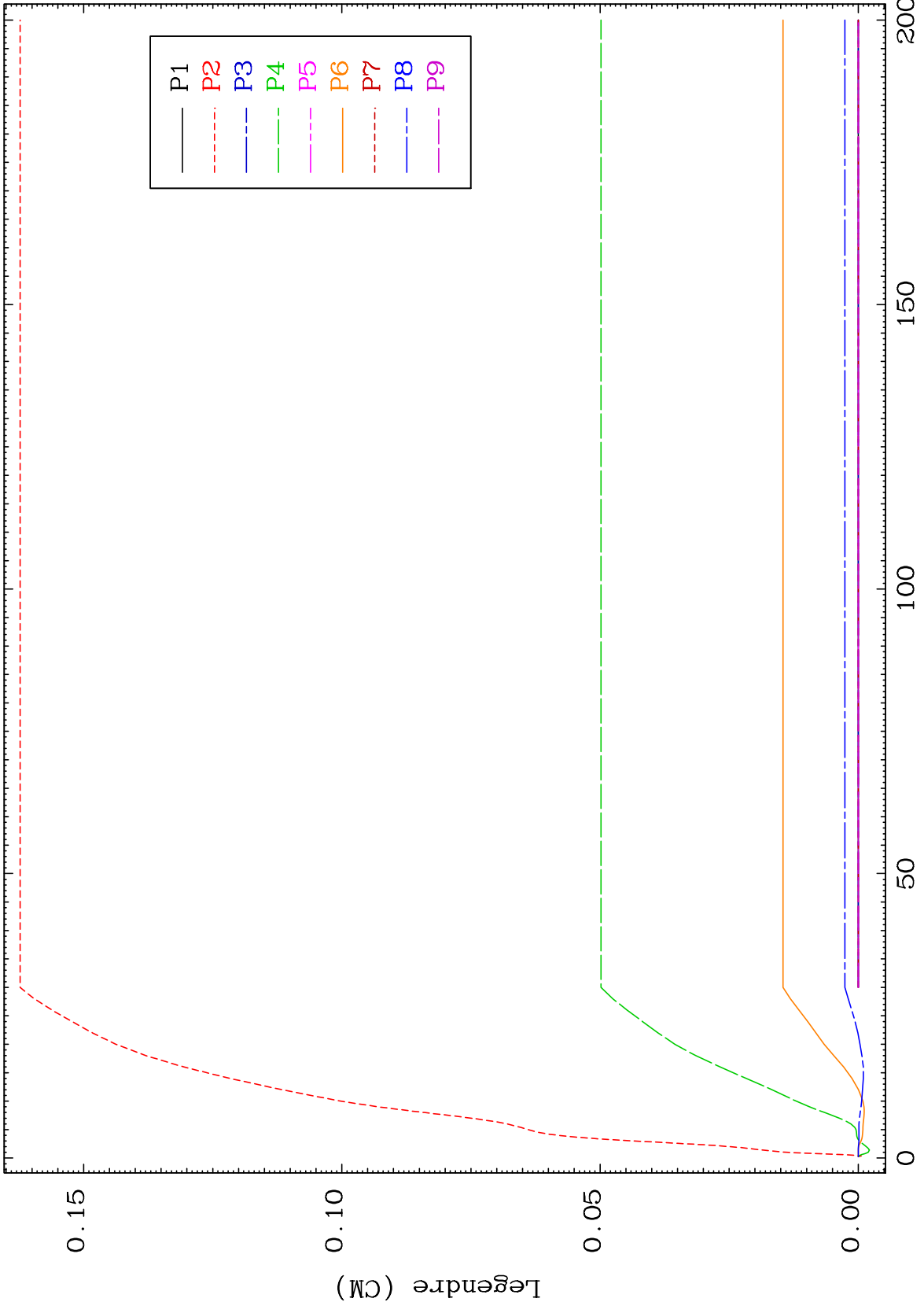
50 55 100 150 200 55-Cs-140

MAT 5546 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-140



51 55-Cs-140

MAT 5546 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-140

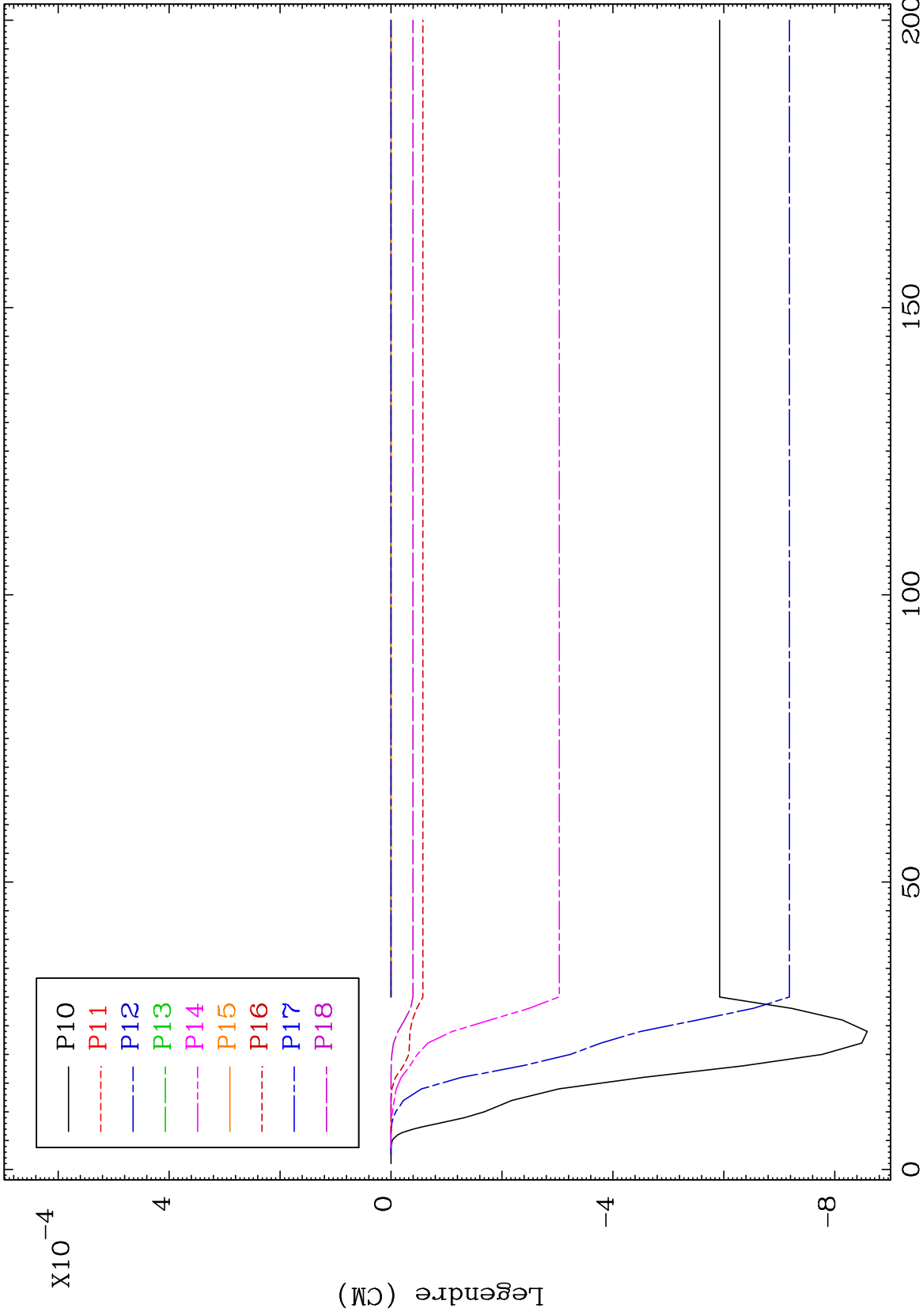


55-Cs-140

MAT 5546

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

55-Cs-140

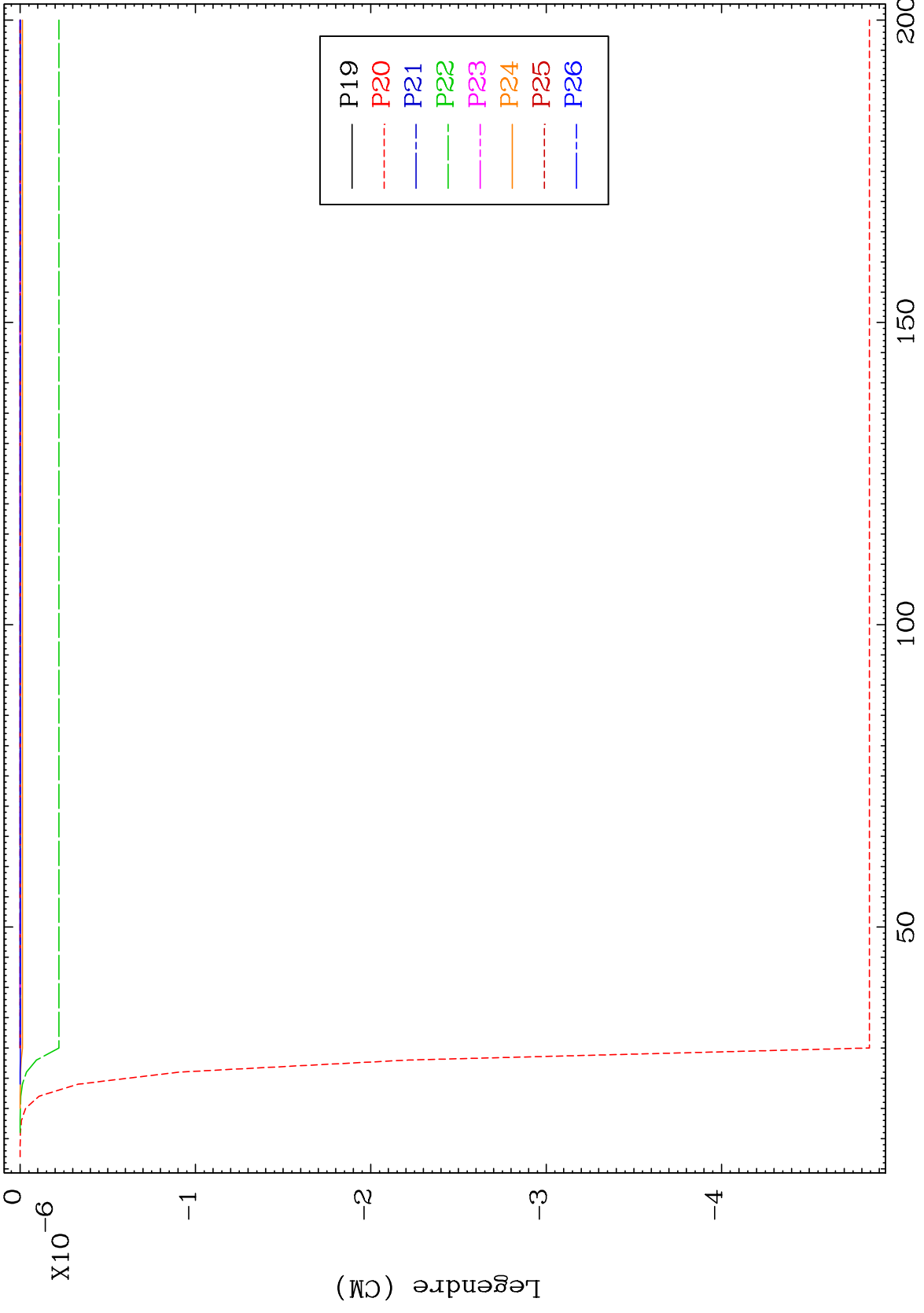


53

Incident Energy (MeV)

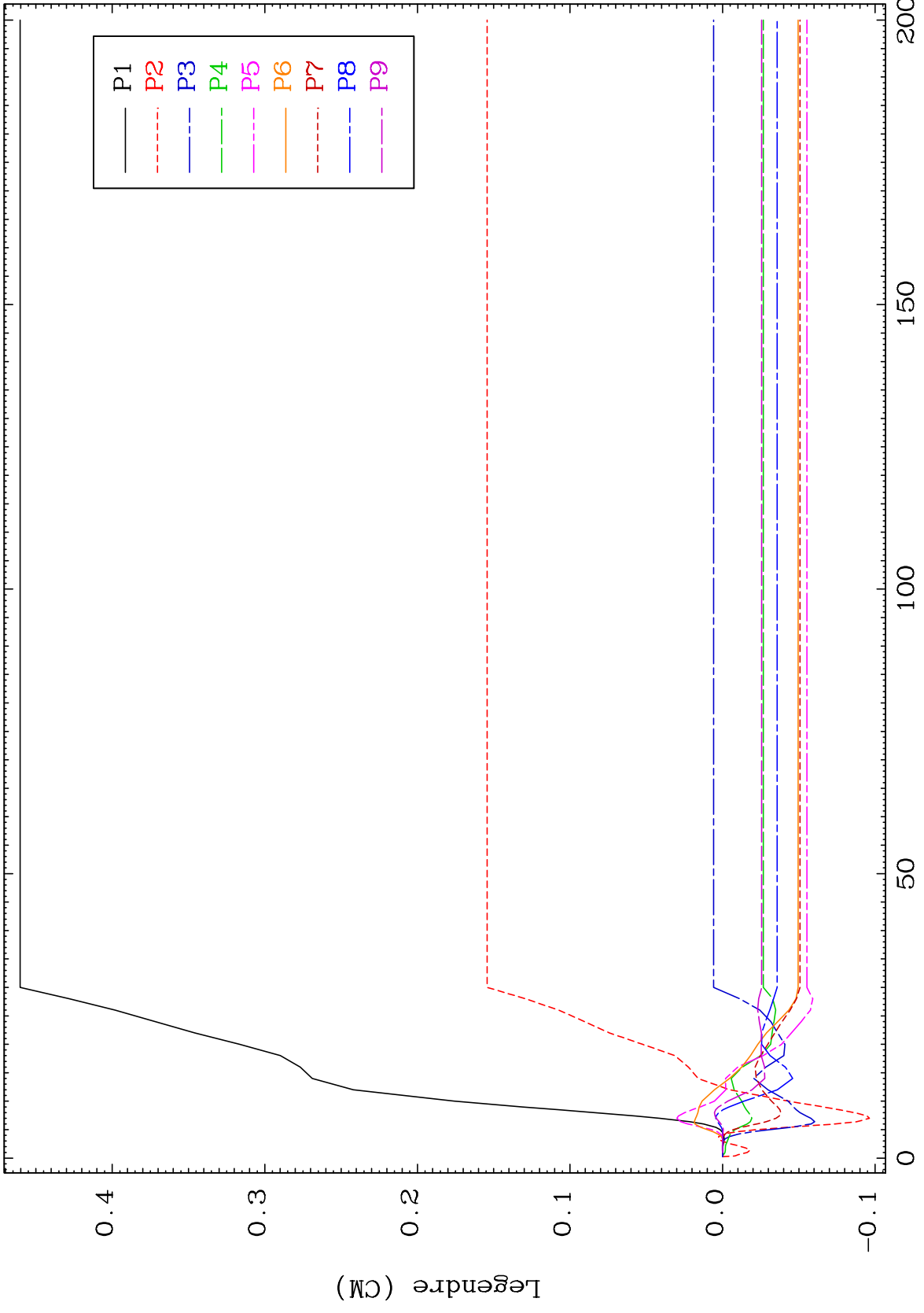
55-Cs-140

MAT 5546 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-140



54 55-Cs-140

MAT 5546 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-140

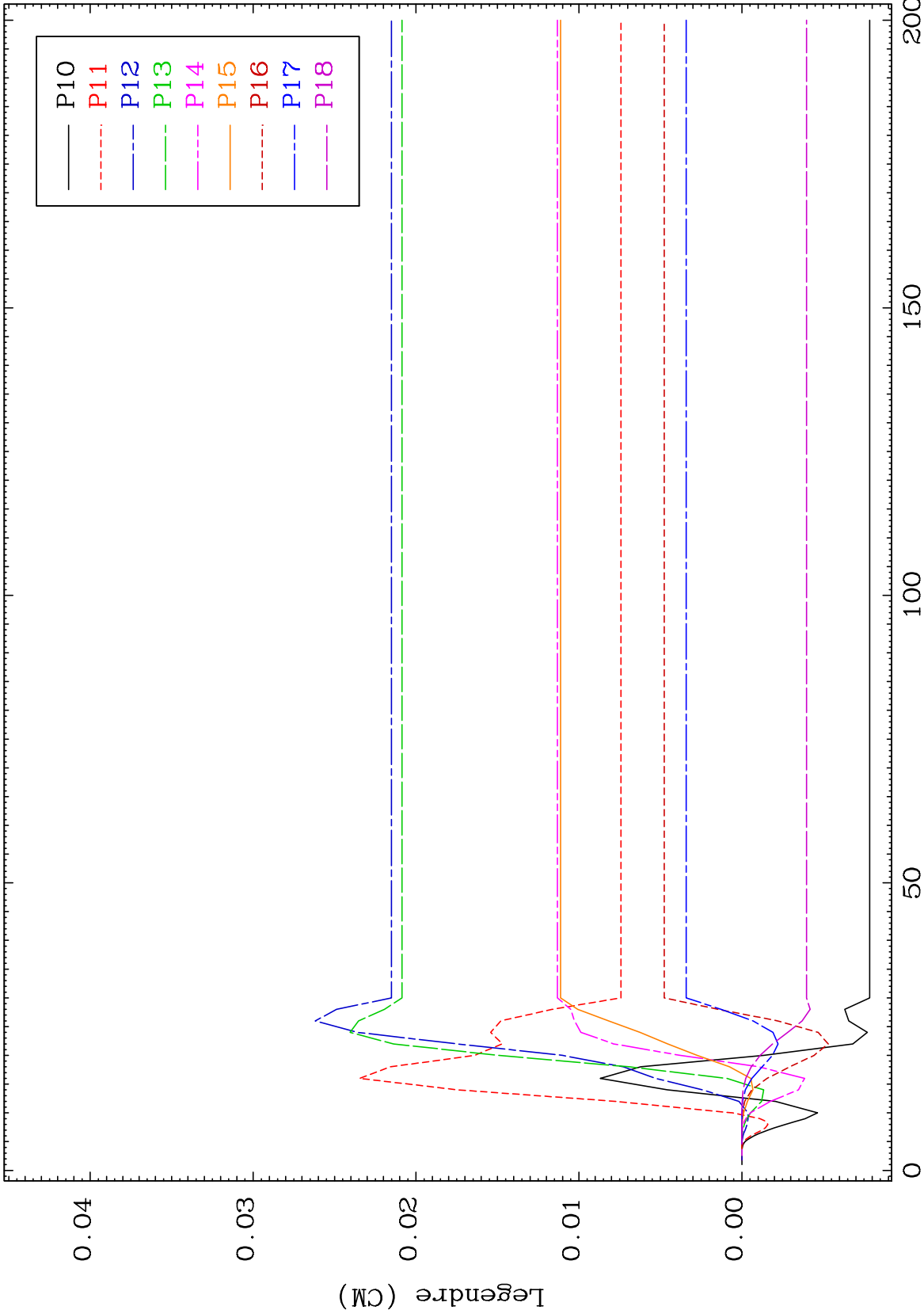


55-Cs-140

MAT 5546

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

55-Cs-140



56

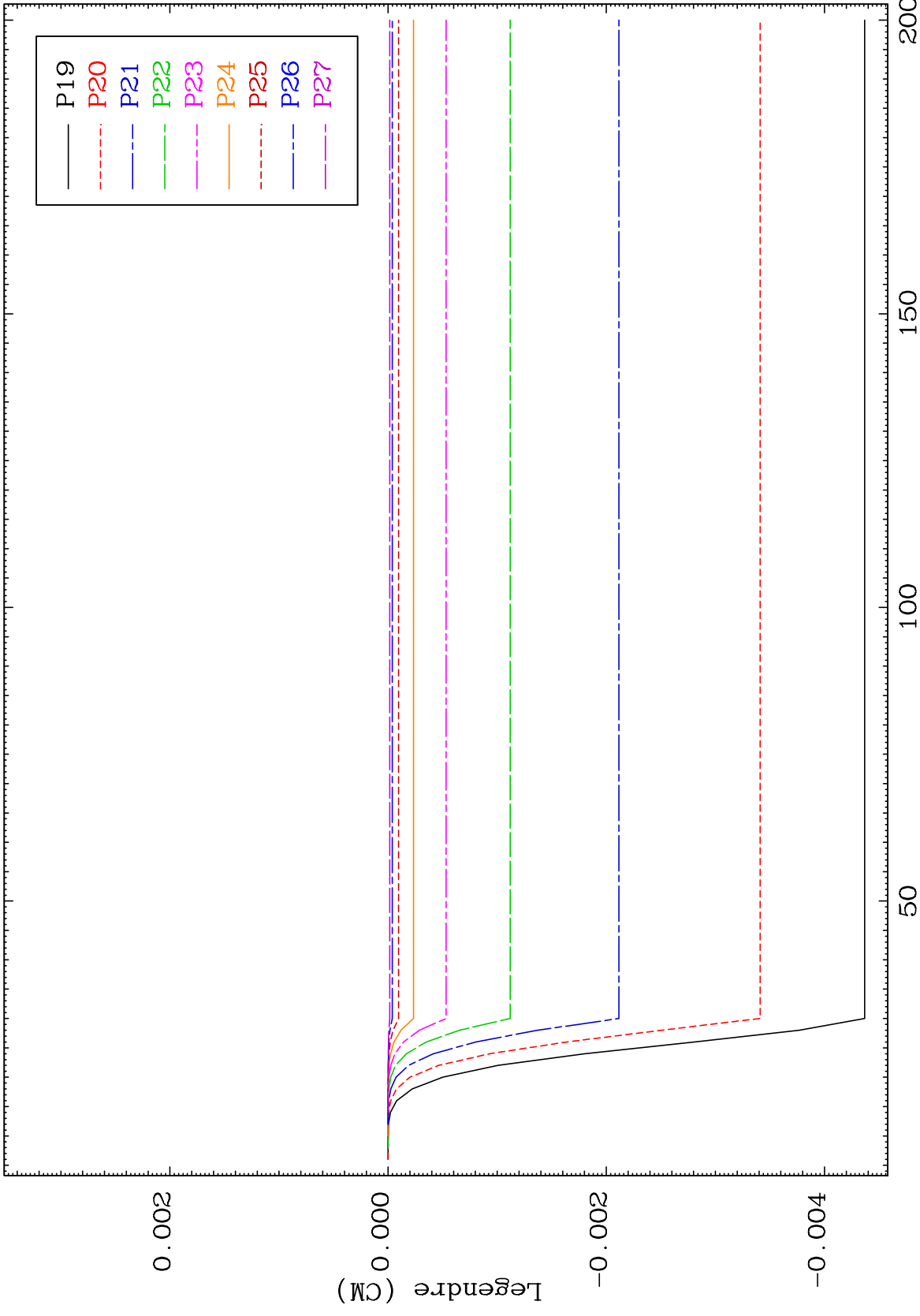
Incident Energy (MeV)

55-Cs-140

MAT 5546

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

55-Cs-140

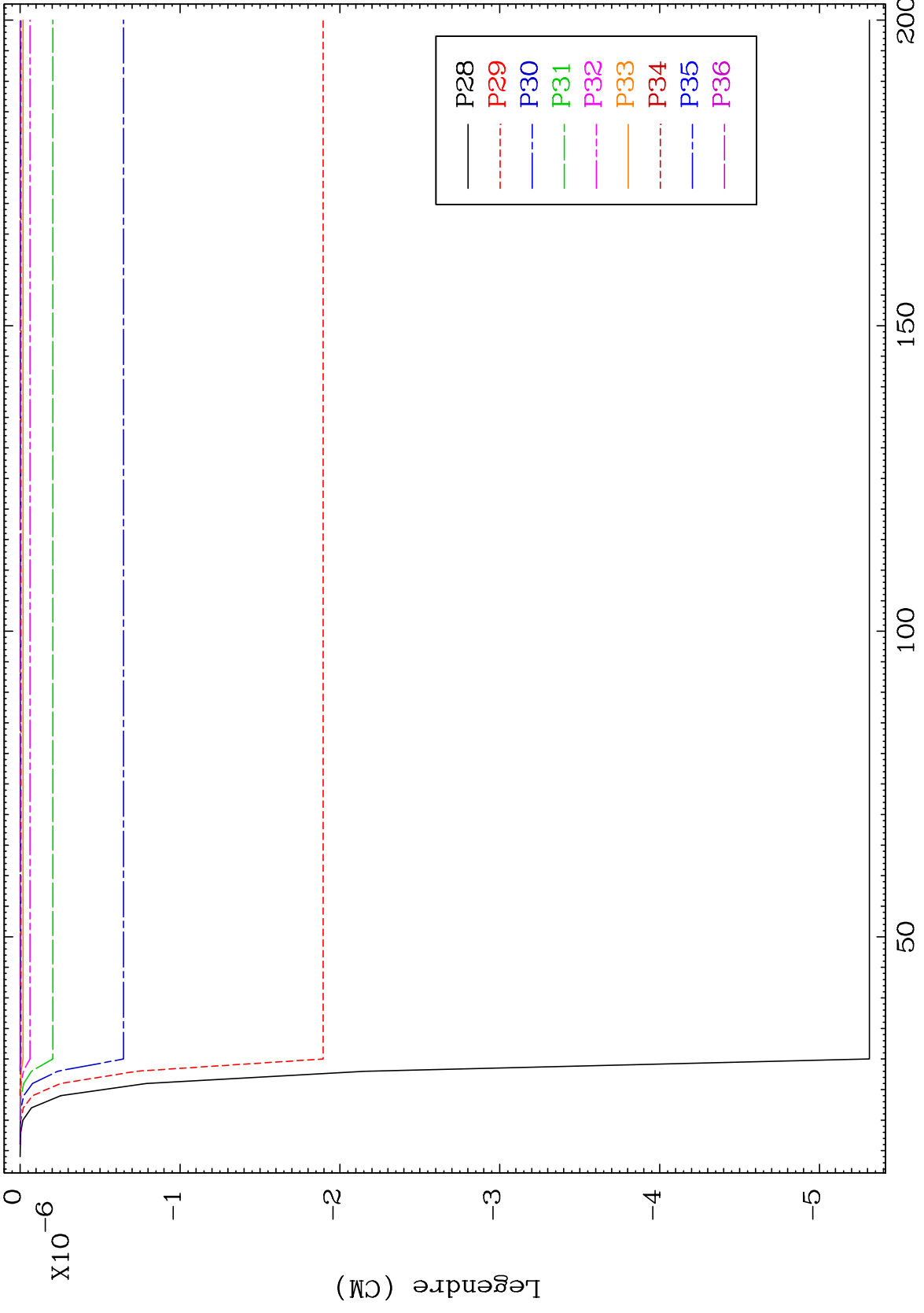


57

Incident Energy (MeV)

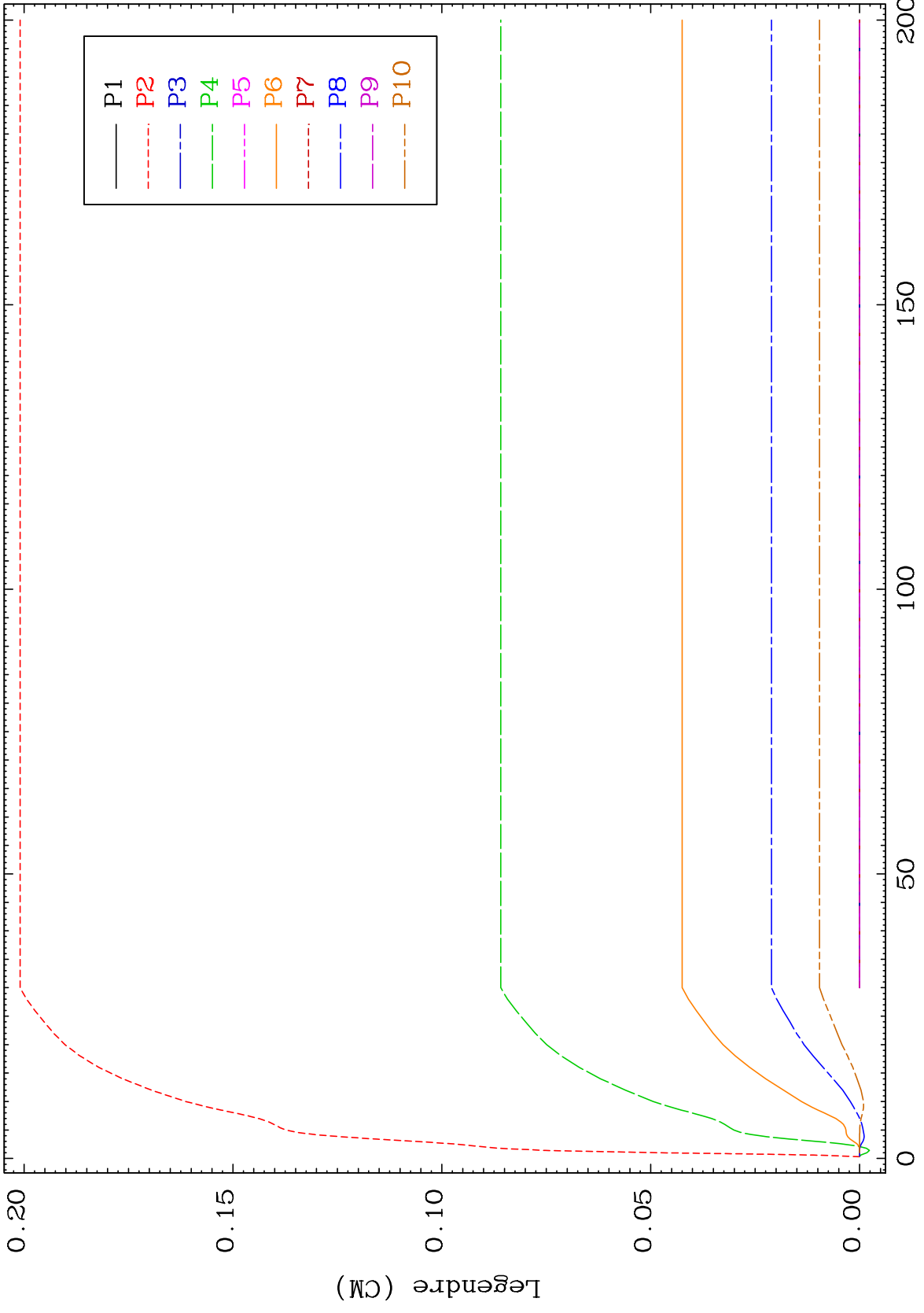
55-Cs-140

MAT 5546 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-140



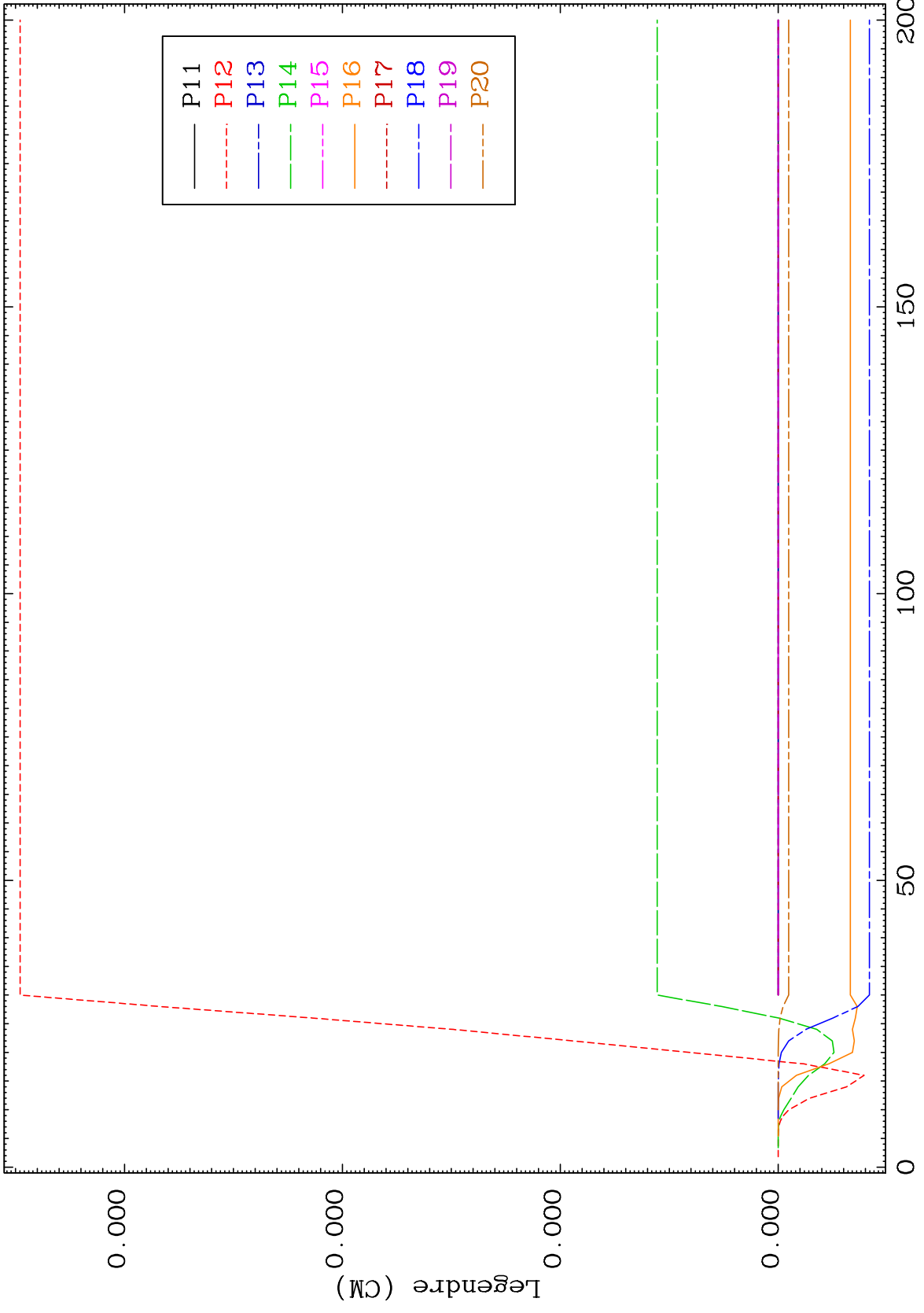
58 Incident Energy (MeV) 55-Cs-140

MAT 5546 MT= 62 (n,n') Level Legendre Coefficients 55-Cs-140



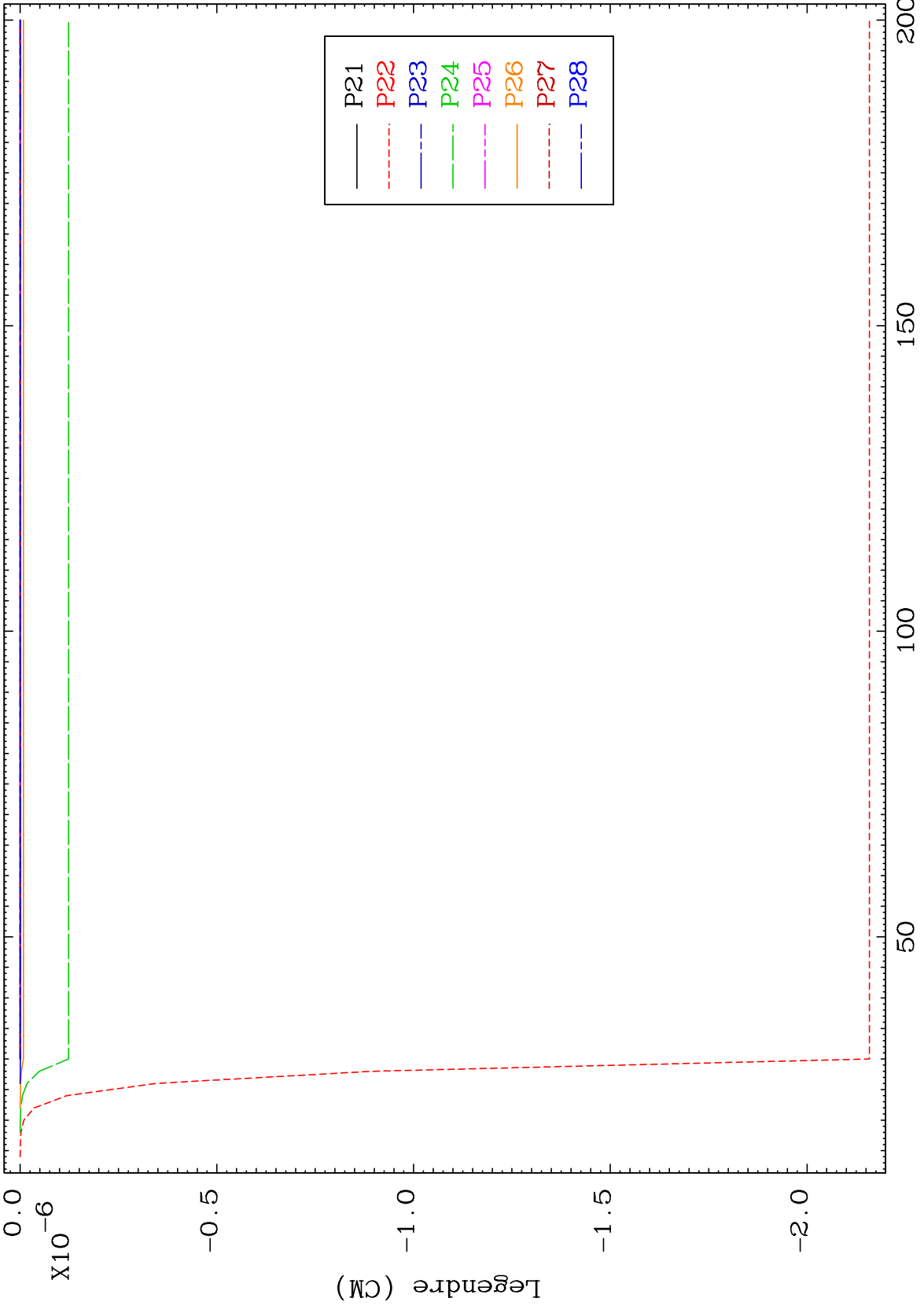
59 Incident Energy (MeV) 55-Cs-140

MAT 5546 MT= 62 (n,n') Level Legendre Coefficients 55-Cs-140

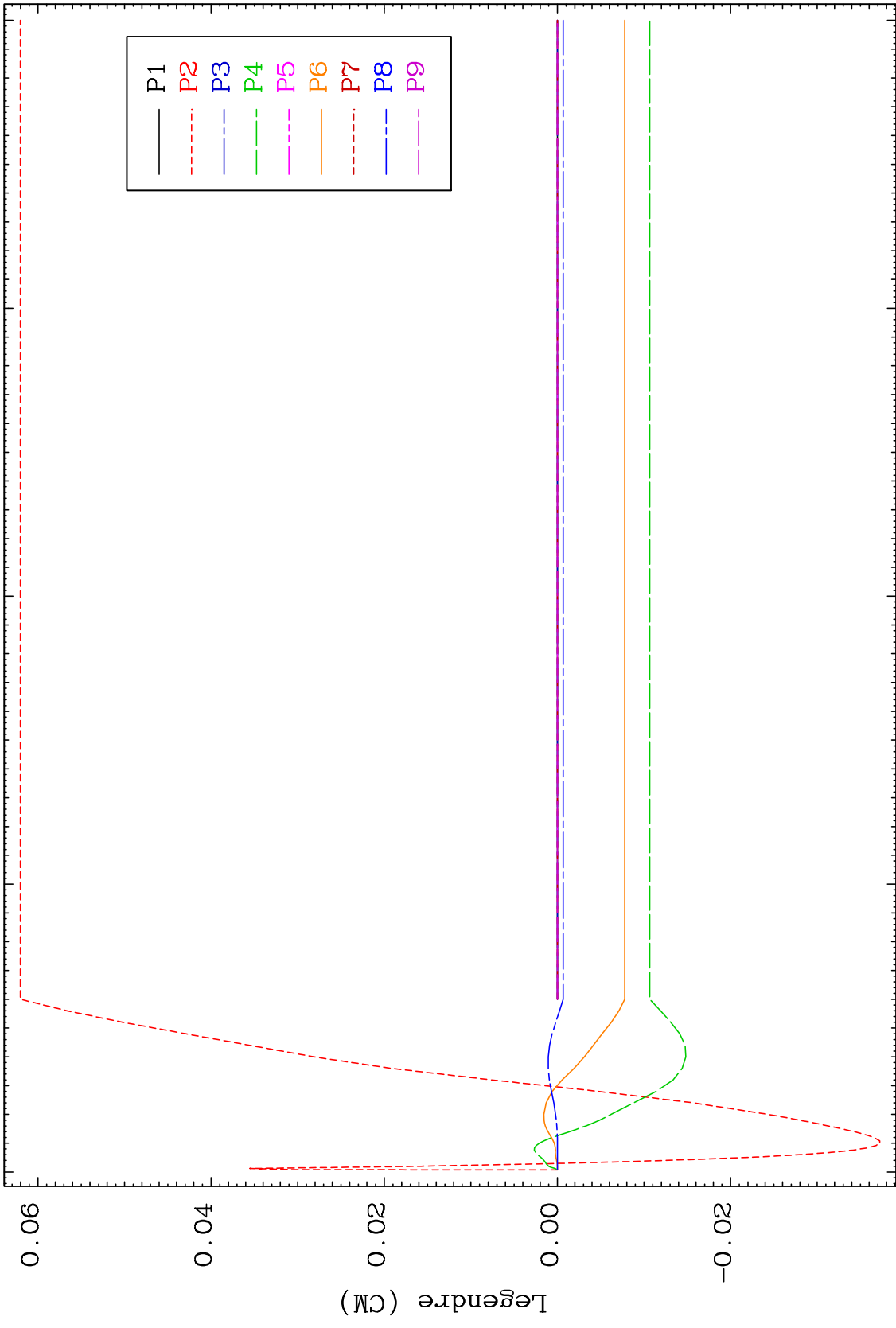


Incident Energy (MeV) 55-Cs-140

MAT 5546 MT= 62 (n,n') Level Legendre Coefficients 55-Cs-140



MAT 5546 MT= 63 (n,n') Level Legendre Coefficients 55-Cs-140

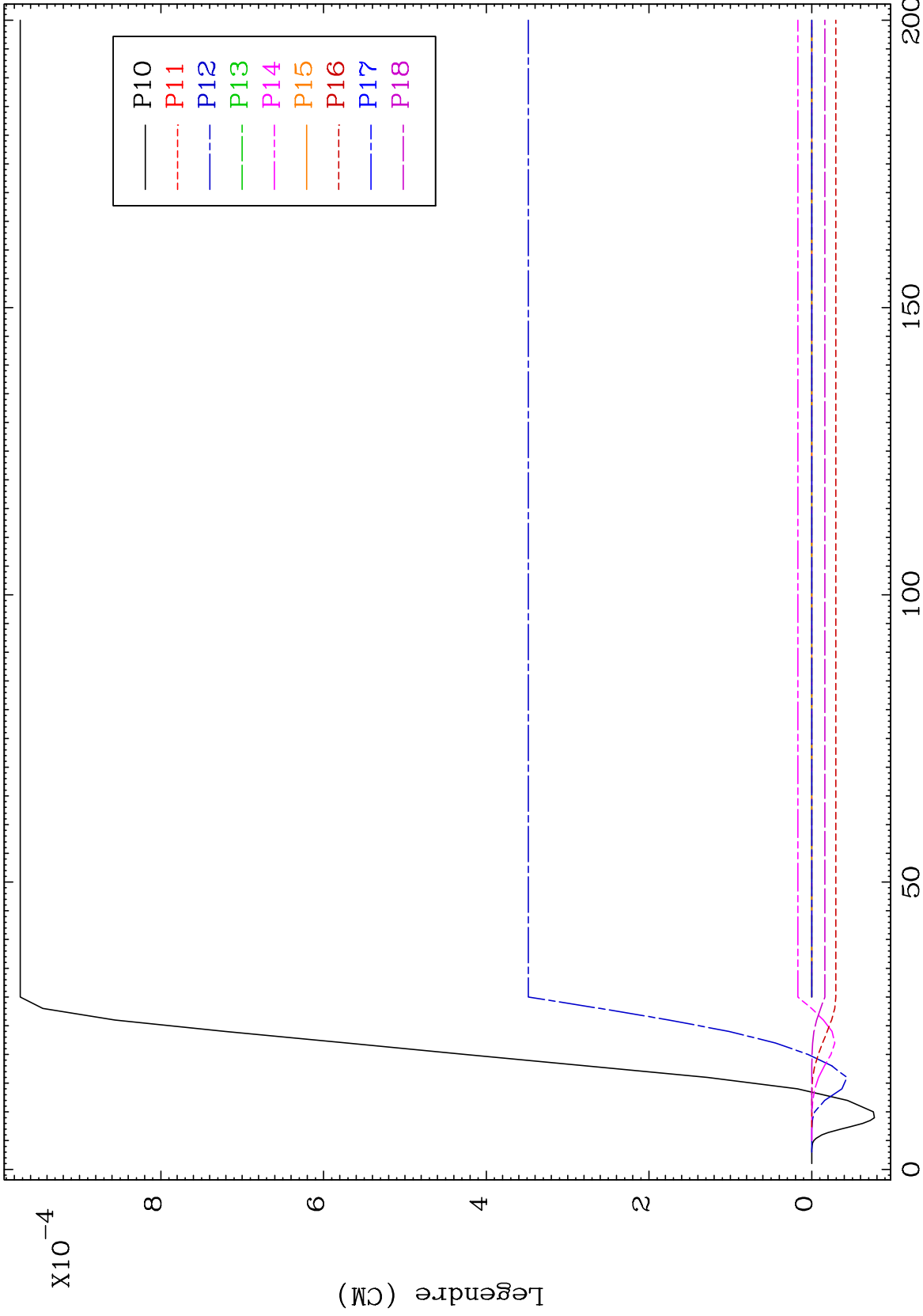


62 55-Cs-140

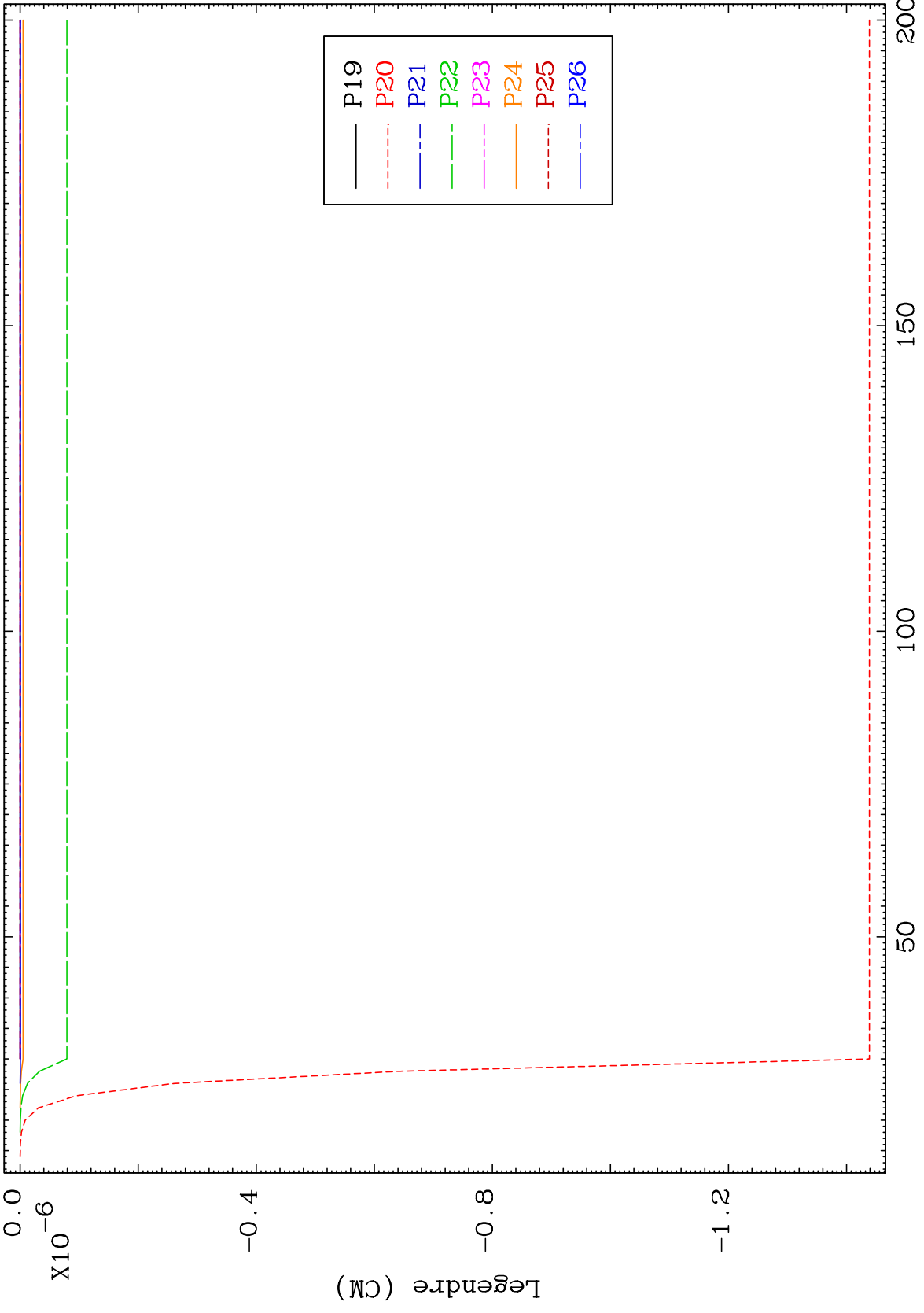
MAT 5546

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

55-Cs-140



MAT 5546 MT= 63 (n,n') Level Legendre Coefficients 55-Cs-140

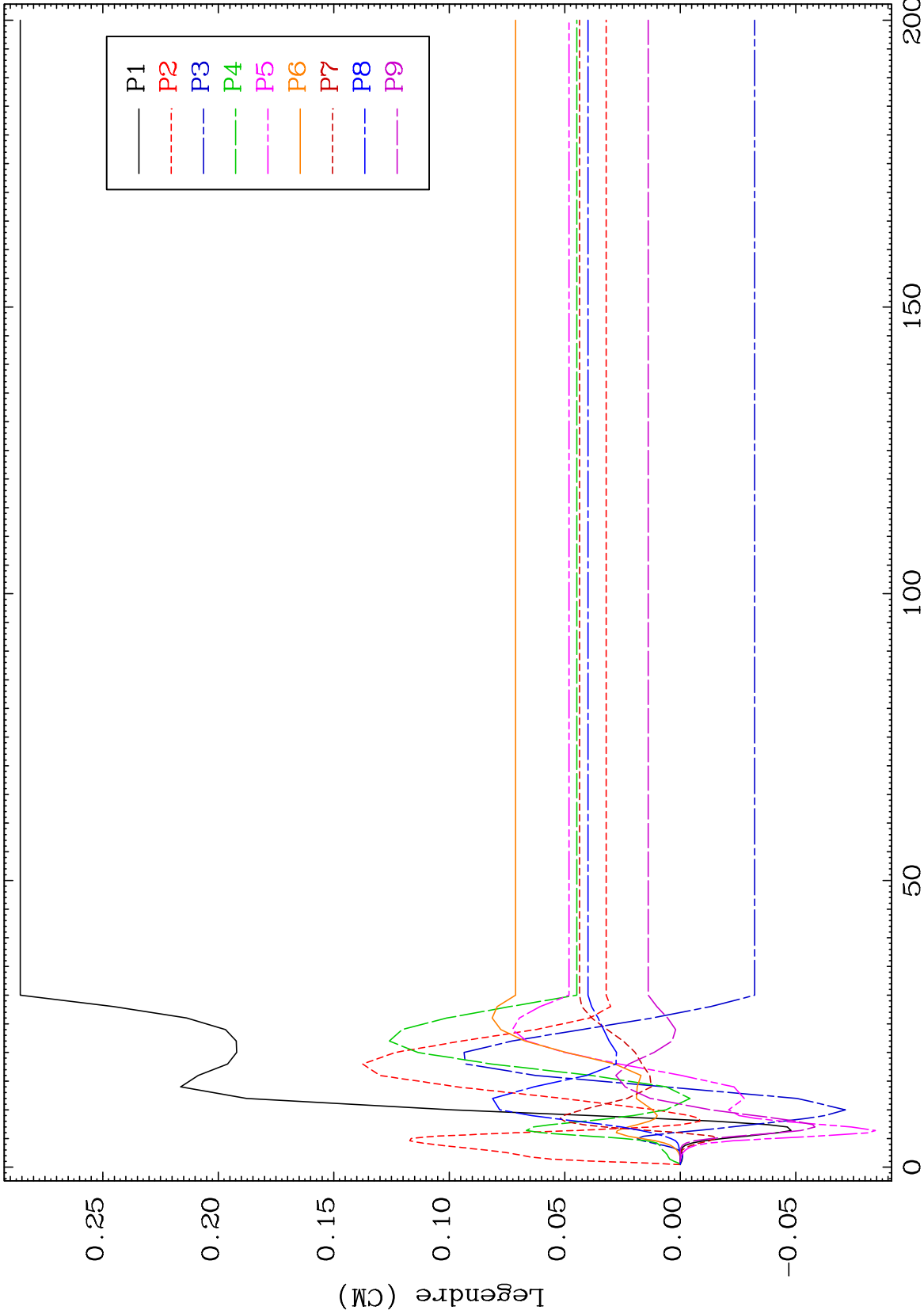


64 55-Cs-140

MAT 5546

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

55-Cs-140

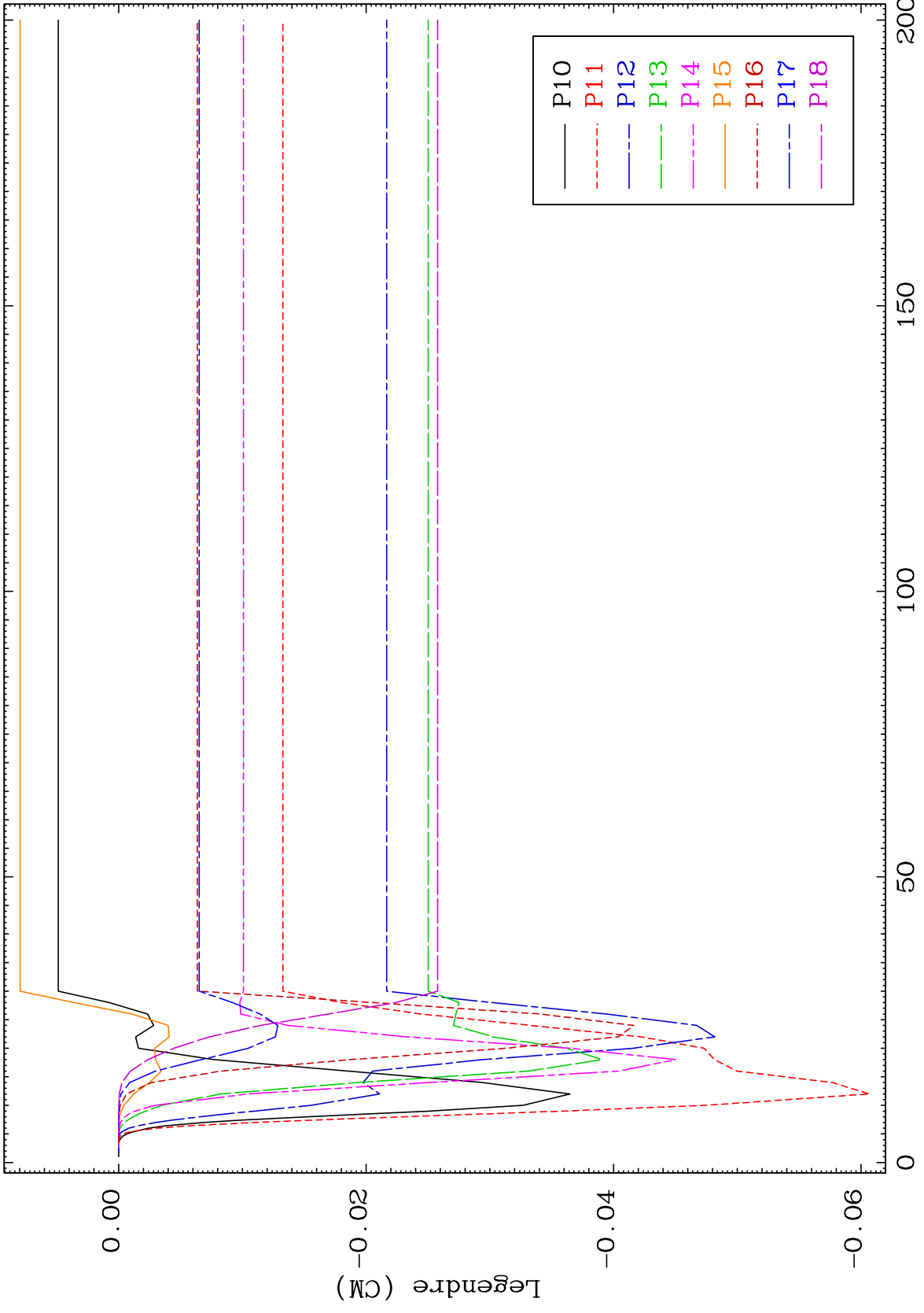


65

Incident Energy (MeV)

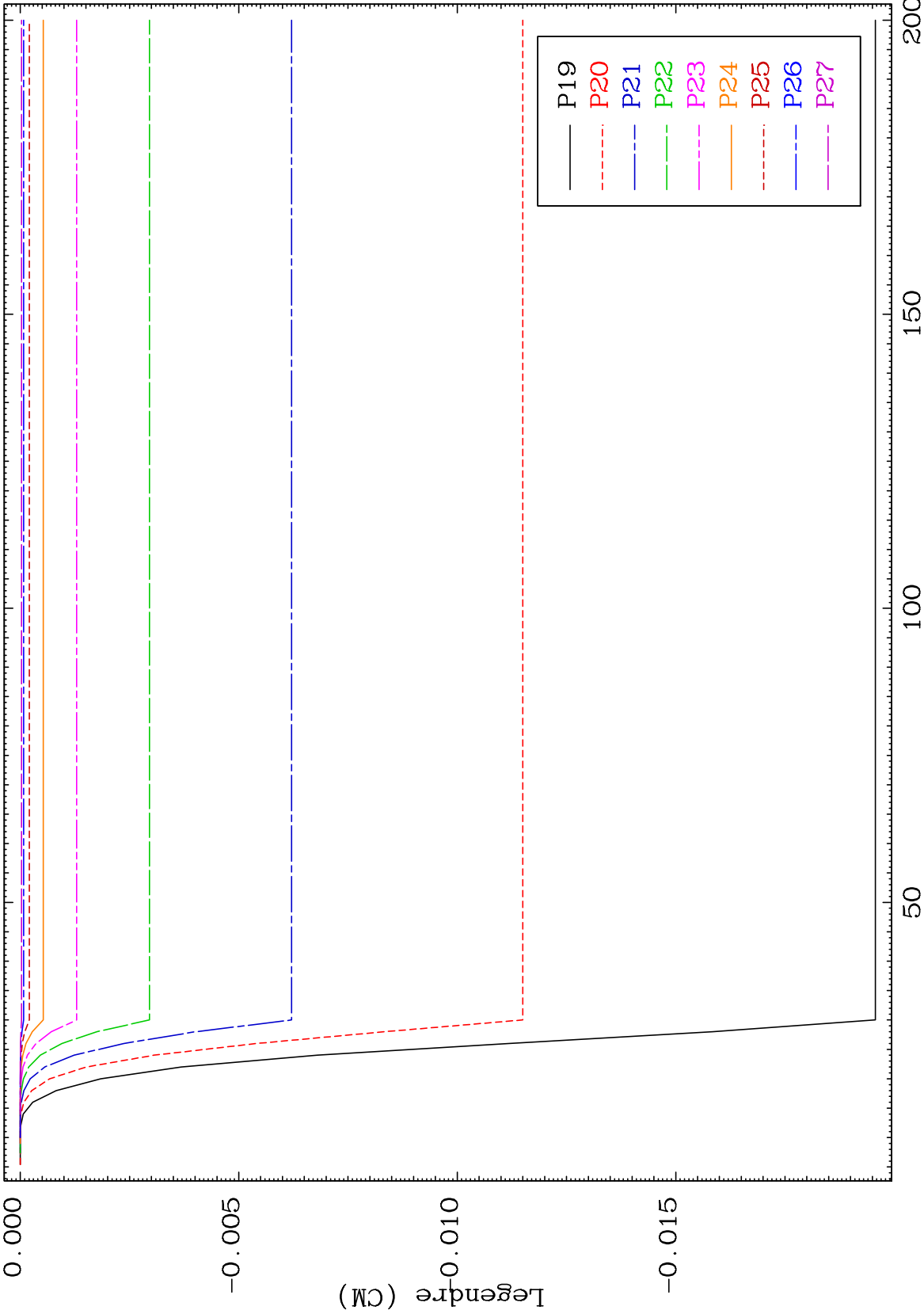
55-Cs-140

MAT 5546 MT= 64 (n,n') Level Legendre Coefficients 55-Cs-140



66 Incident Energy (MeV) 55-Cs-140

MAT 5546 MT= 64 (n,n') Level Legendre Coefficients 55-Cs-140

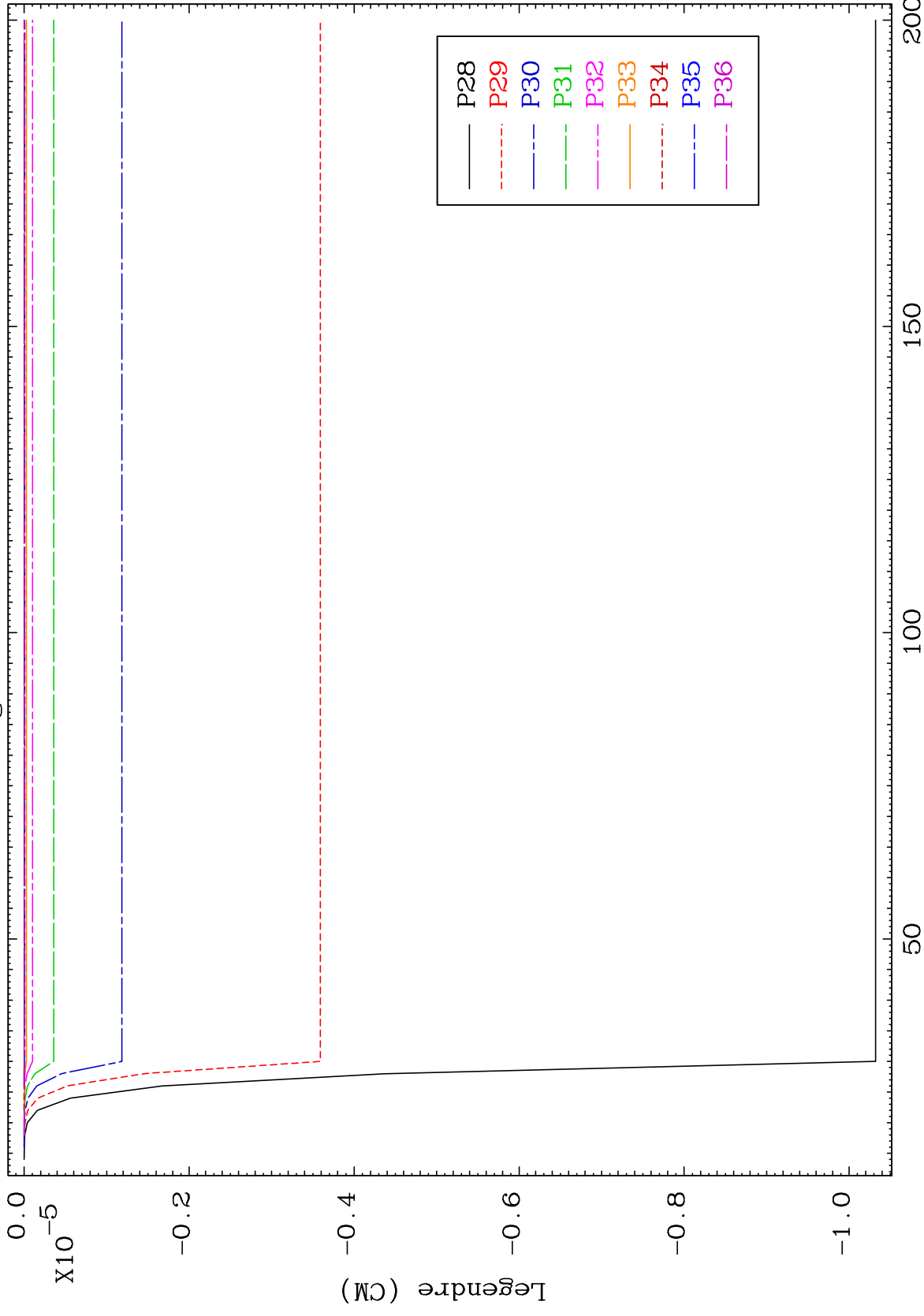


67 55-Cs-140

MAT 5546

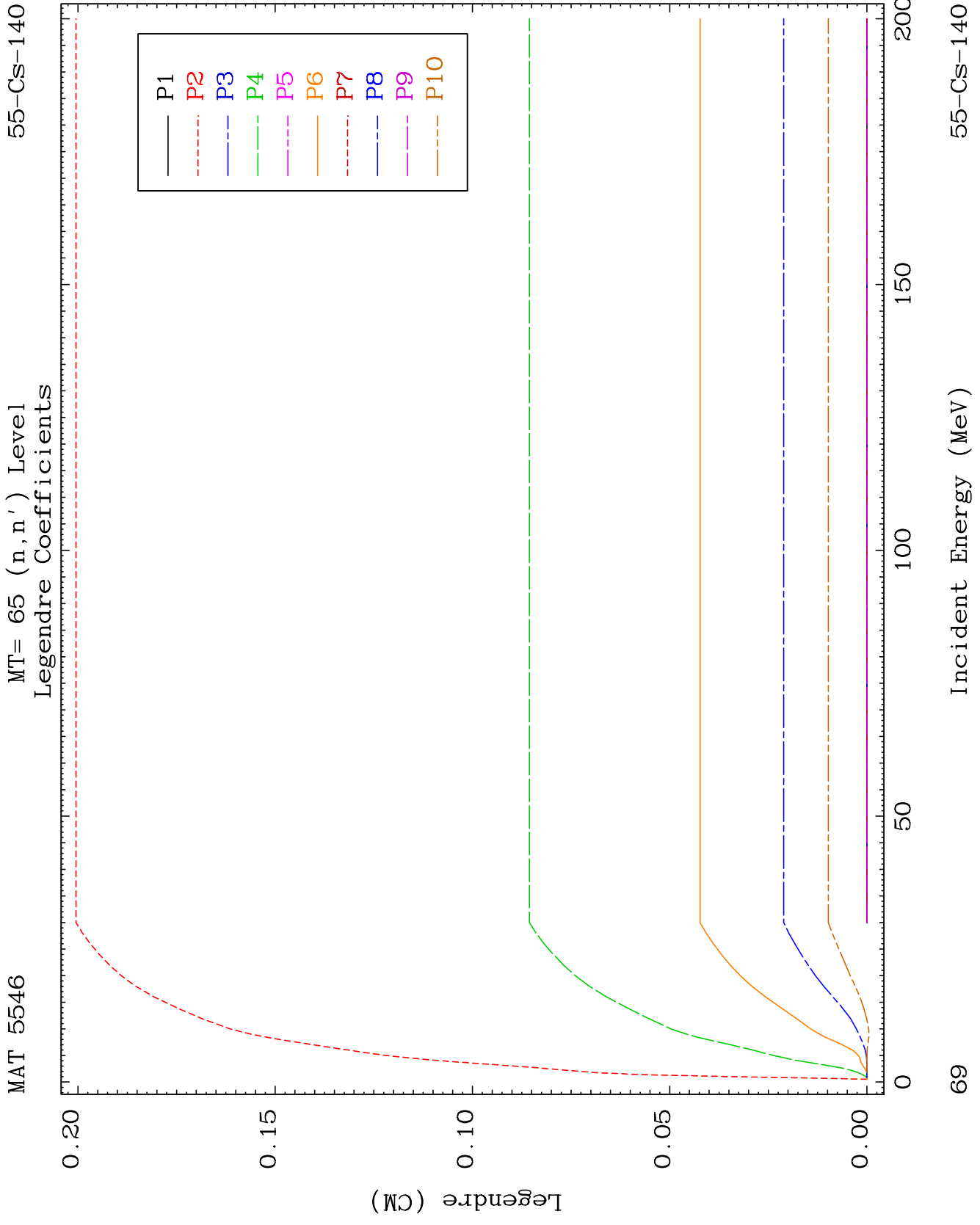
MT= 64 (n,n') Level
Legendre Coefficients

55-Cs-140

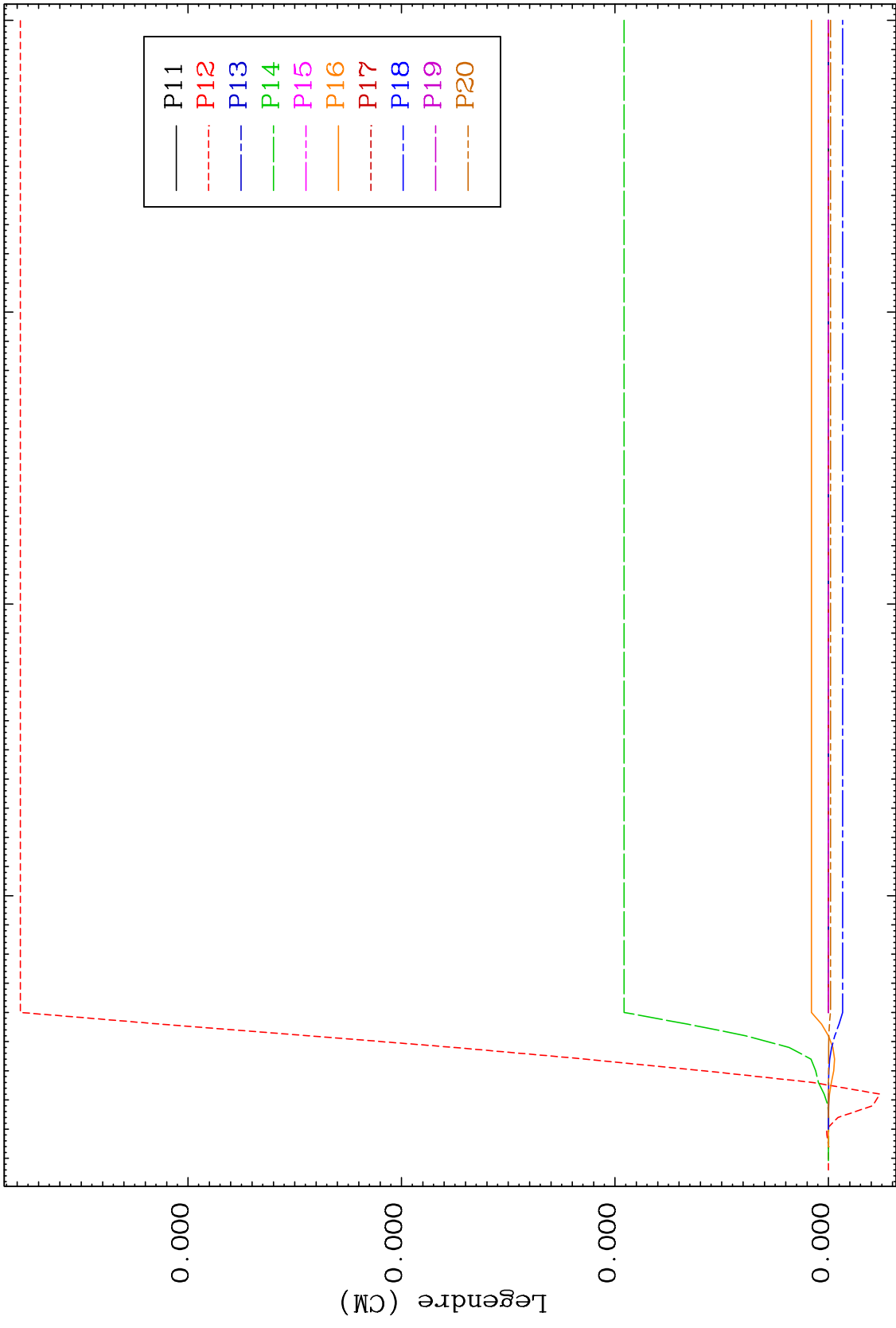


68

55-Cs-140

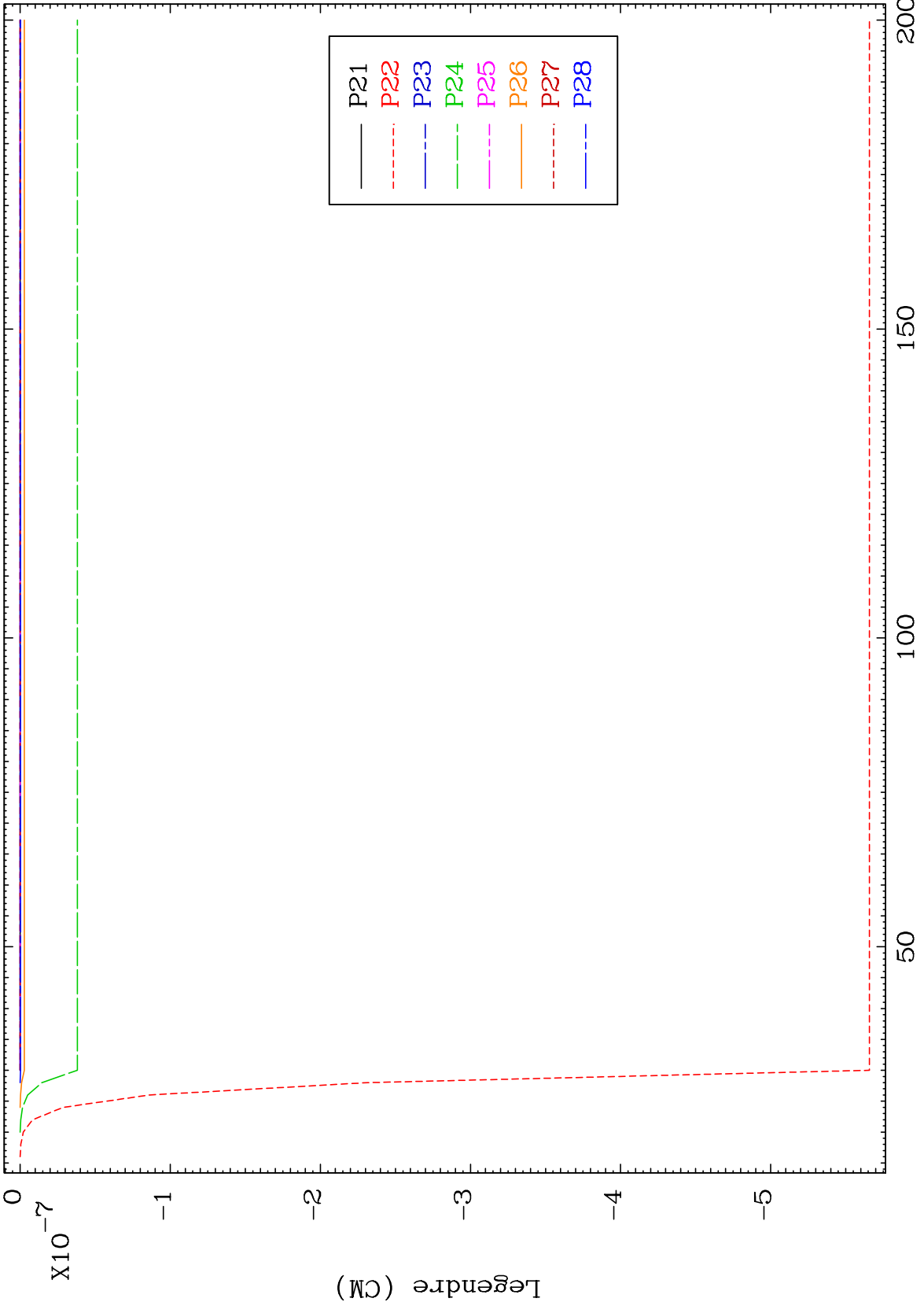


MAT 5546 MT= 65 (n,n') Level Legendre Coefficients 55-Cs-140



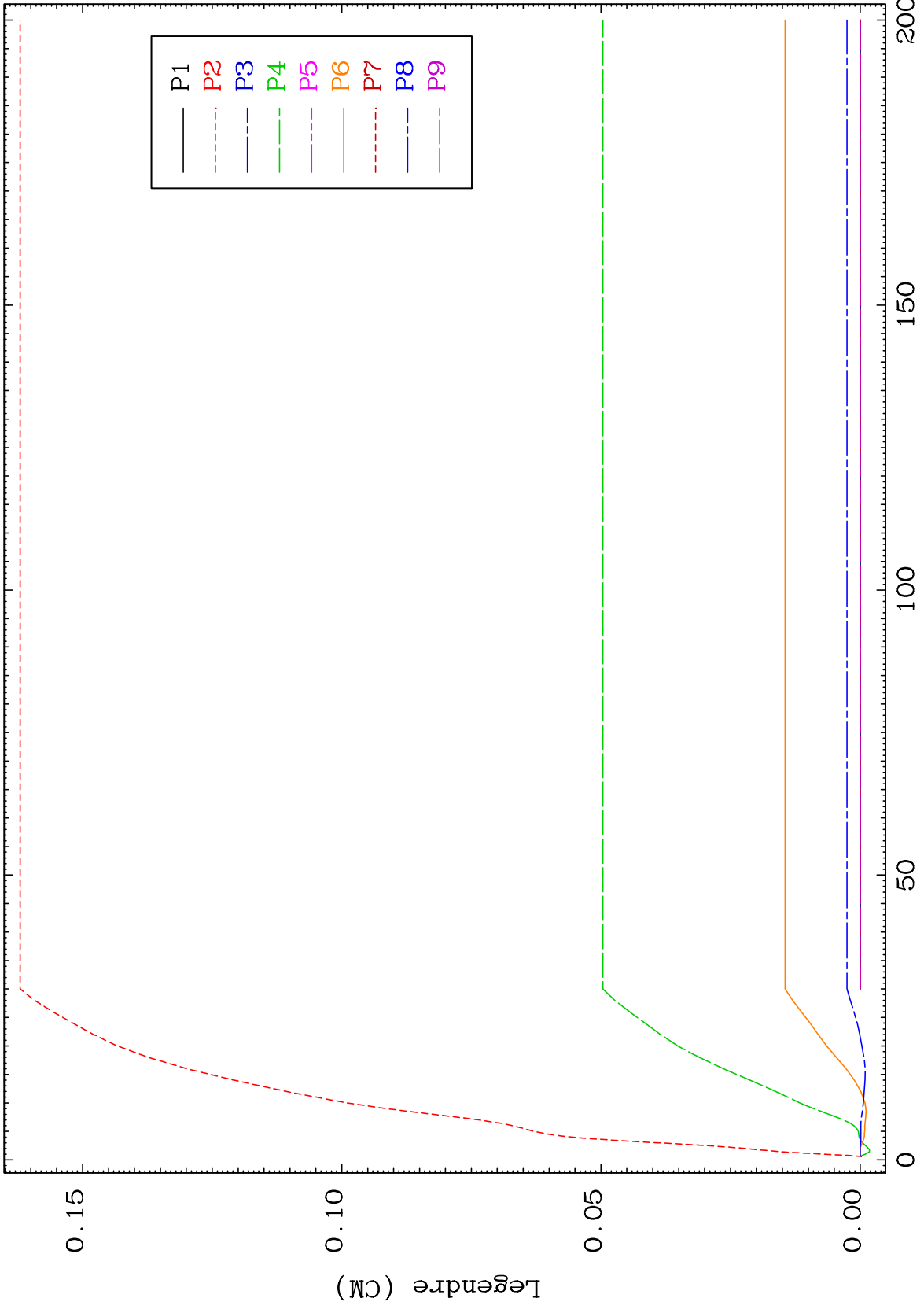
70 50 100 150 200 55-Cs-140

MAT 5546 MT= 65 (n,n') Level Legendre Coefficients 55-Cs-140



71 55-Cs-140

MAT 5546 MT= 66 (n,n') Level Legendre Coefficients 55-Cs-140

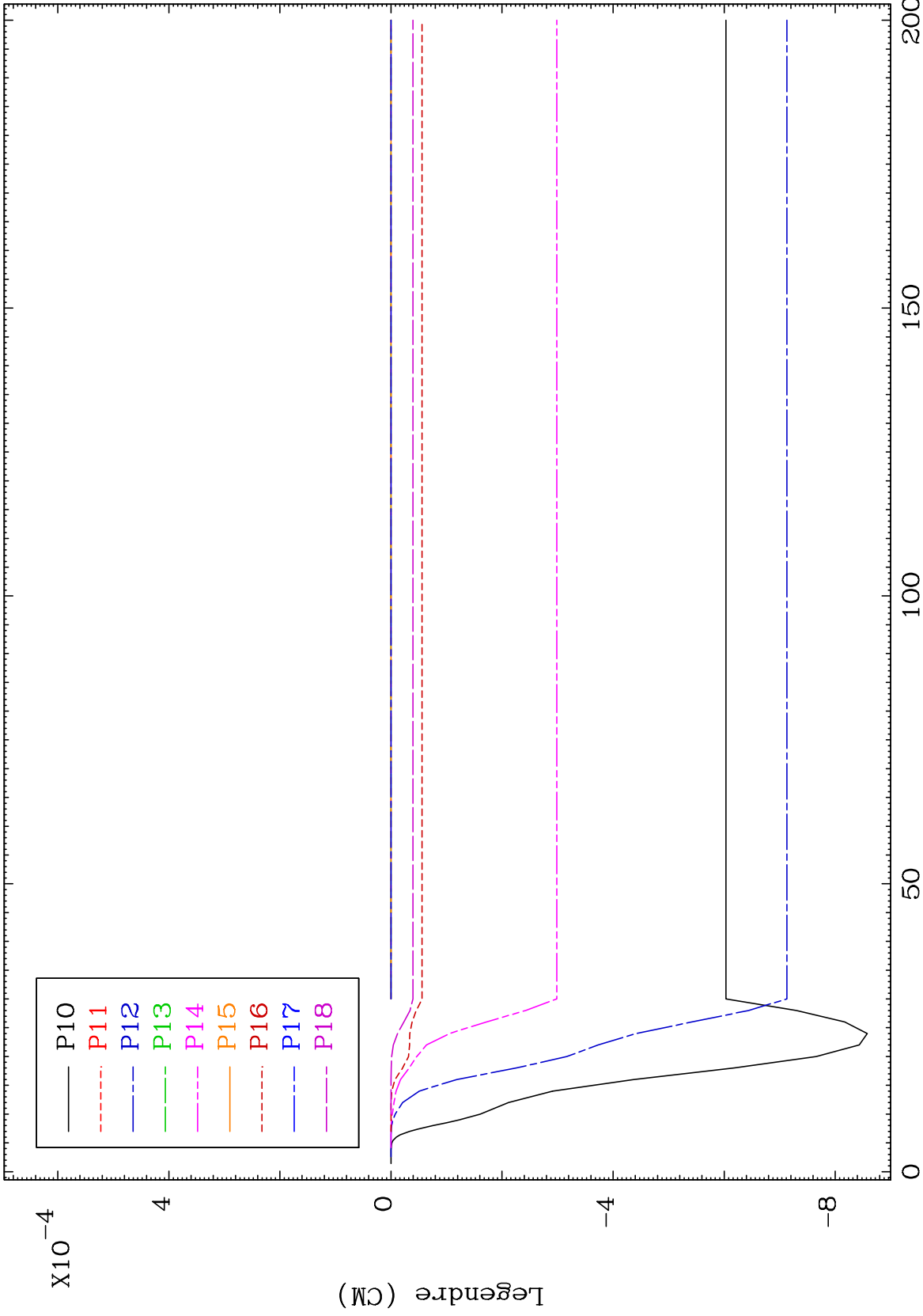


72 Incident Energy (MeV) 55-Cs-140

MAT 5546

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

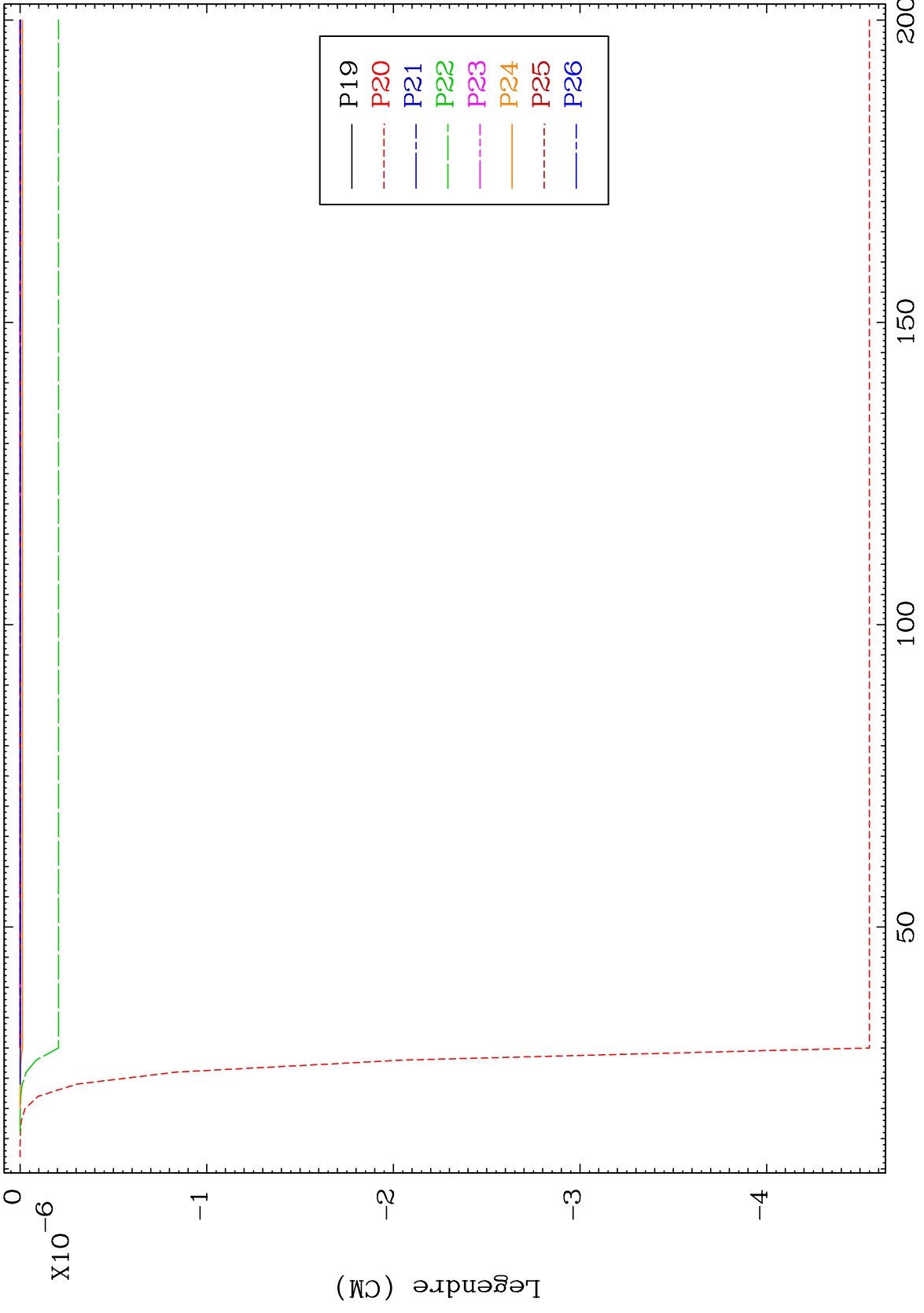
55-Cs-140



73

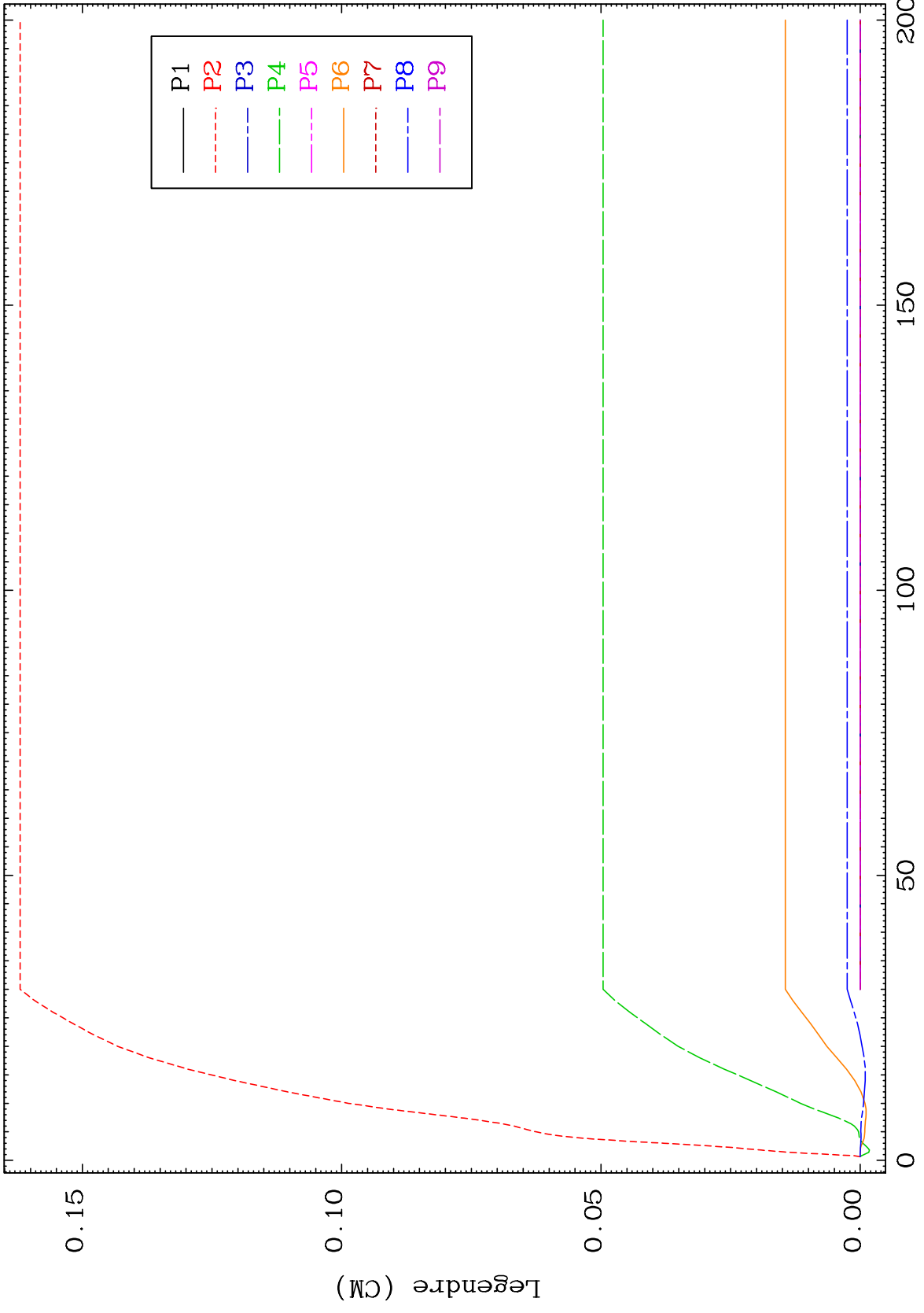
55-Cs-140

MAT 5546 MT= 66 (n,n') Level Legendre Coefficients 55-Cs-140



74 55-Cs-140

MAT 5546 MT= 67 (n,n') Level Legendre Coefficients 55-Cs-140

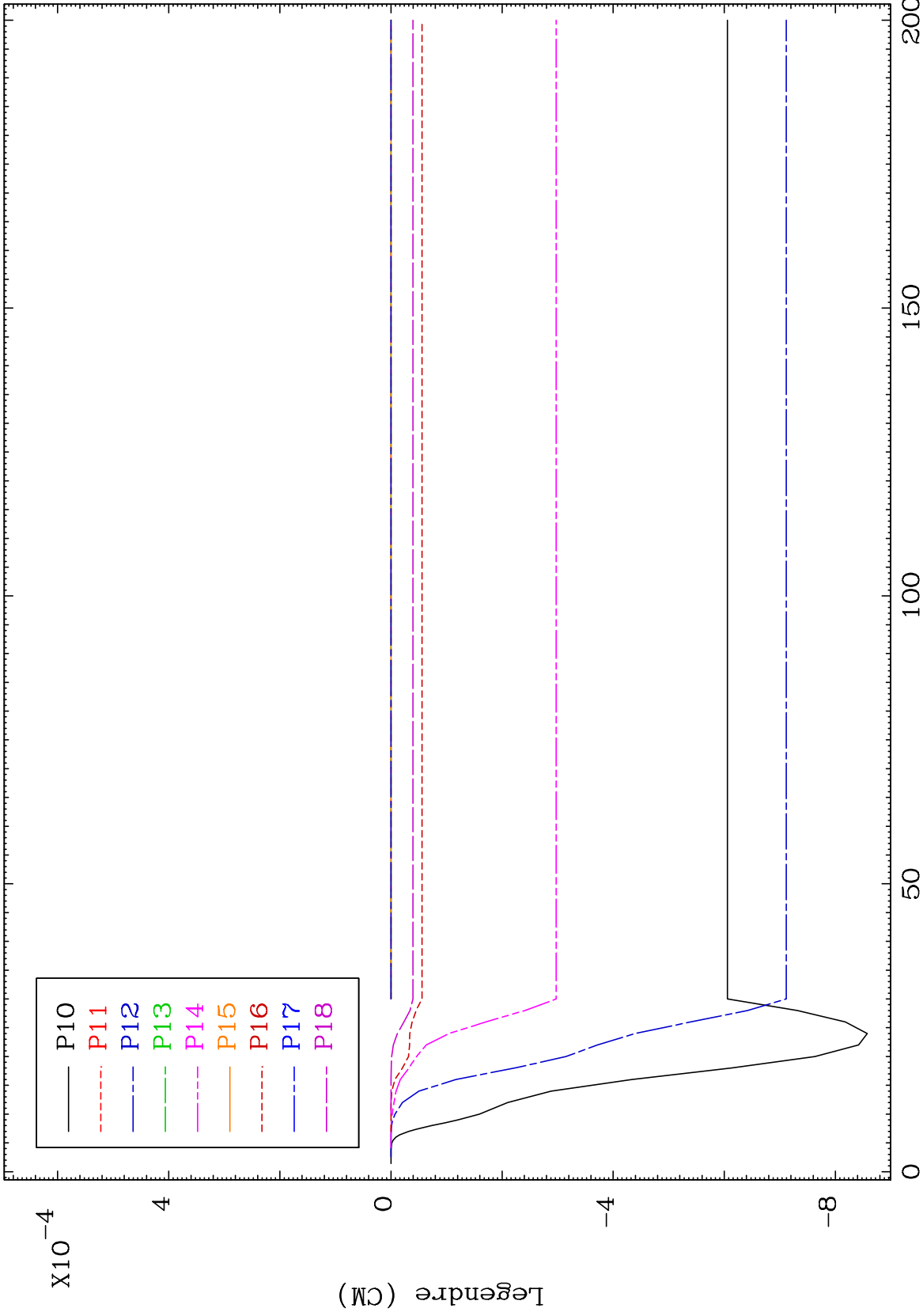


75 Incident Energy (MeV) 55-Cs-140

MAT 5546

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

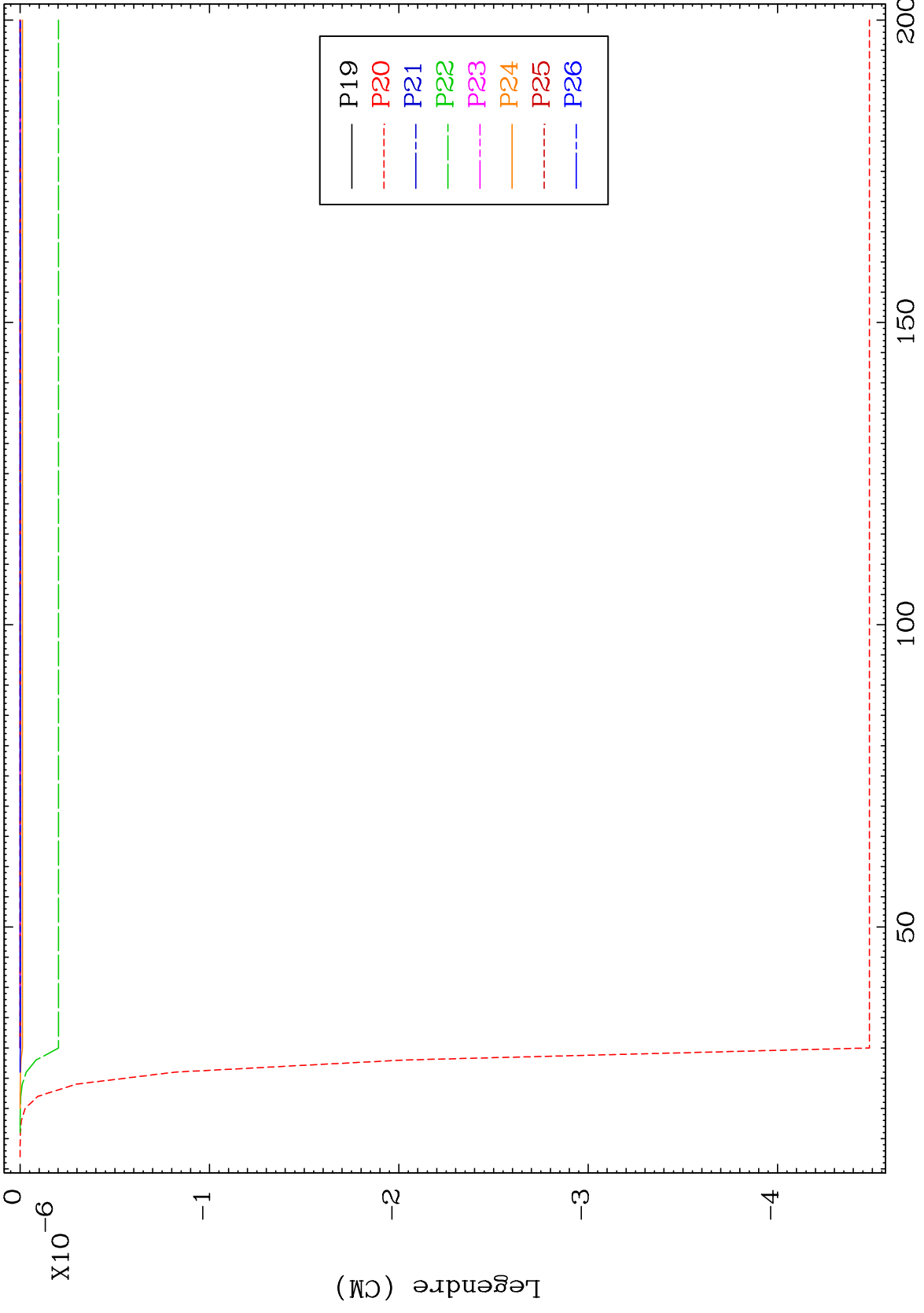
55-Cs-140



76

55-Cs-140

MAT 5546 MT= 67 (n,n') Level Legendre Coefficients 55-Cs-140

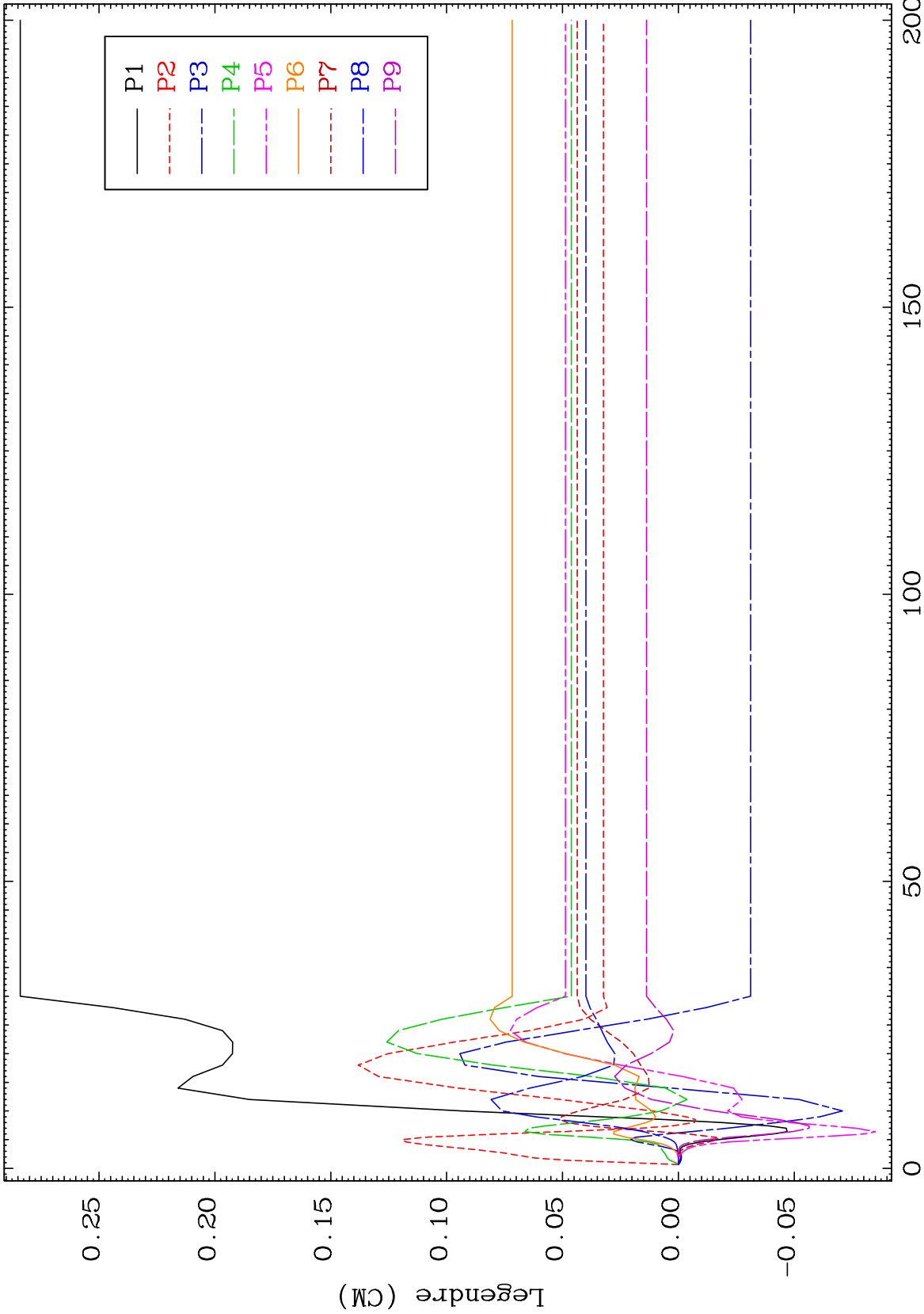


77 55-Cs-140

MAT 5546

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

55-Cs-140

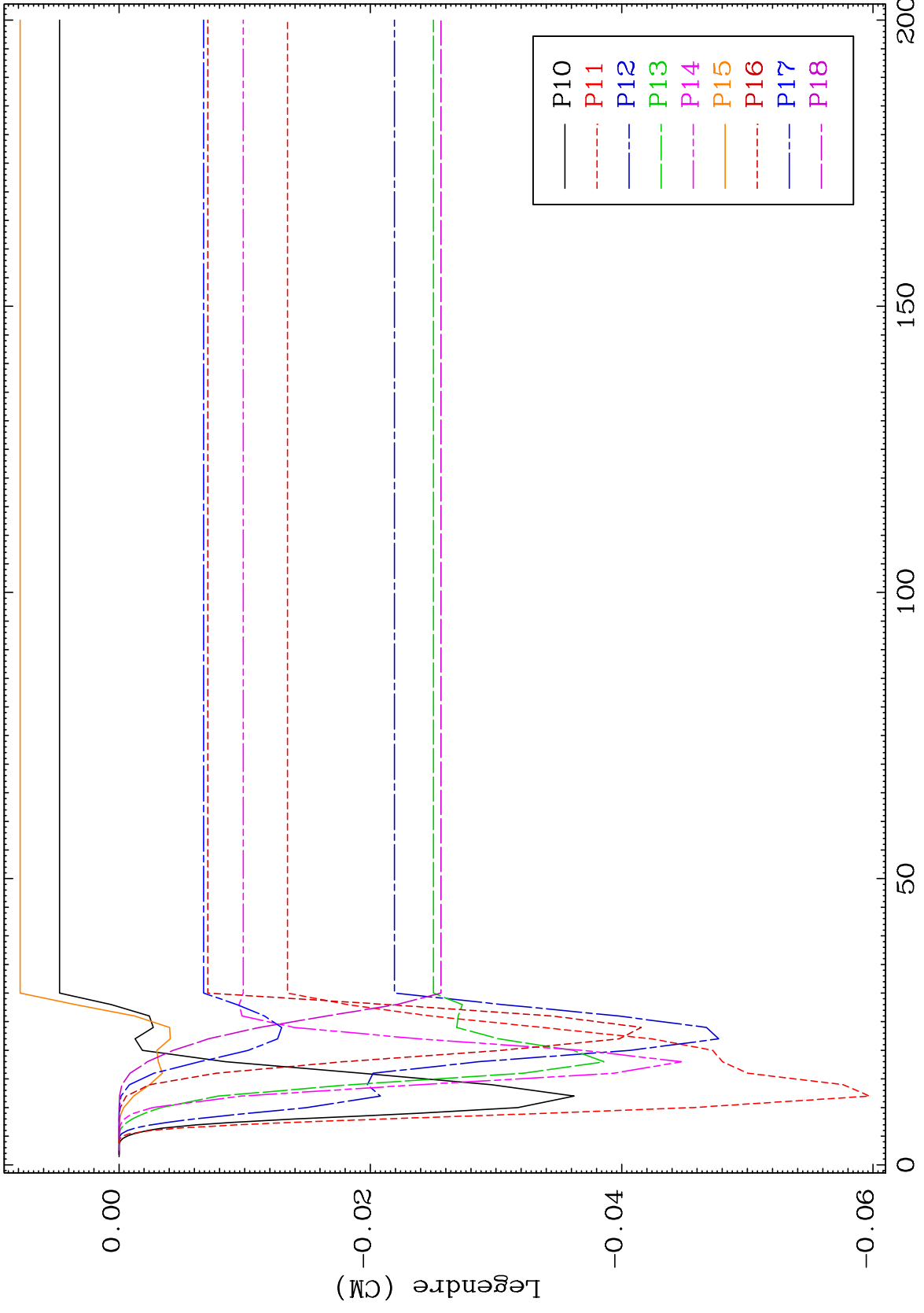


78

Incident Energy (MeV)

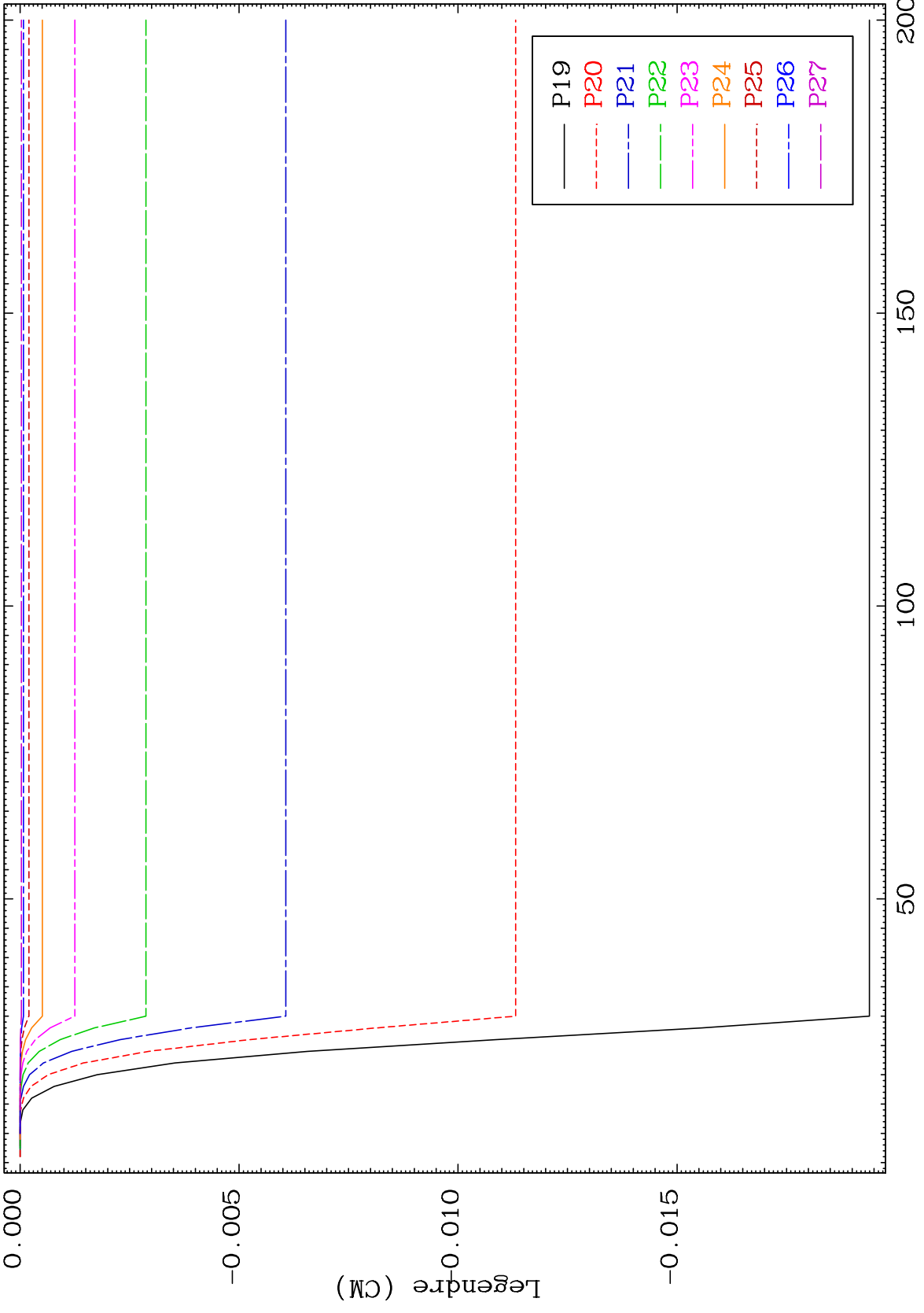
55-Cs-140

MAT 5546 MT= 68 (n,n') Level Legendre Coefficients 55-Cs-140



79 Incident Energy (MeV) 55-Cs-140

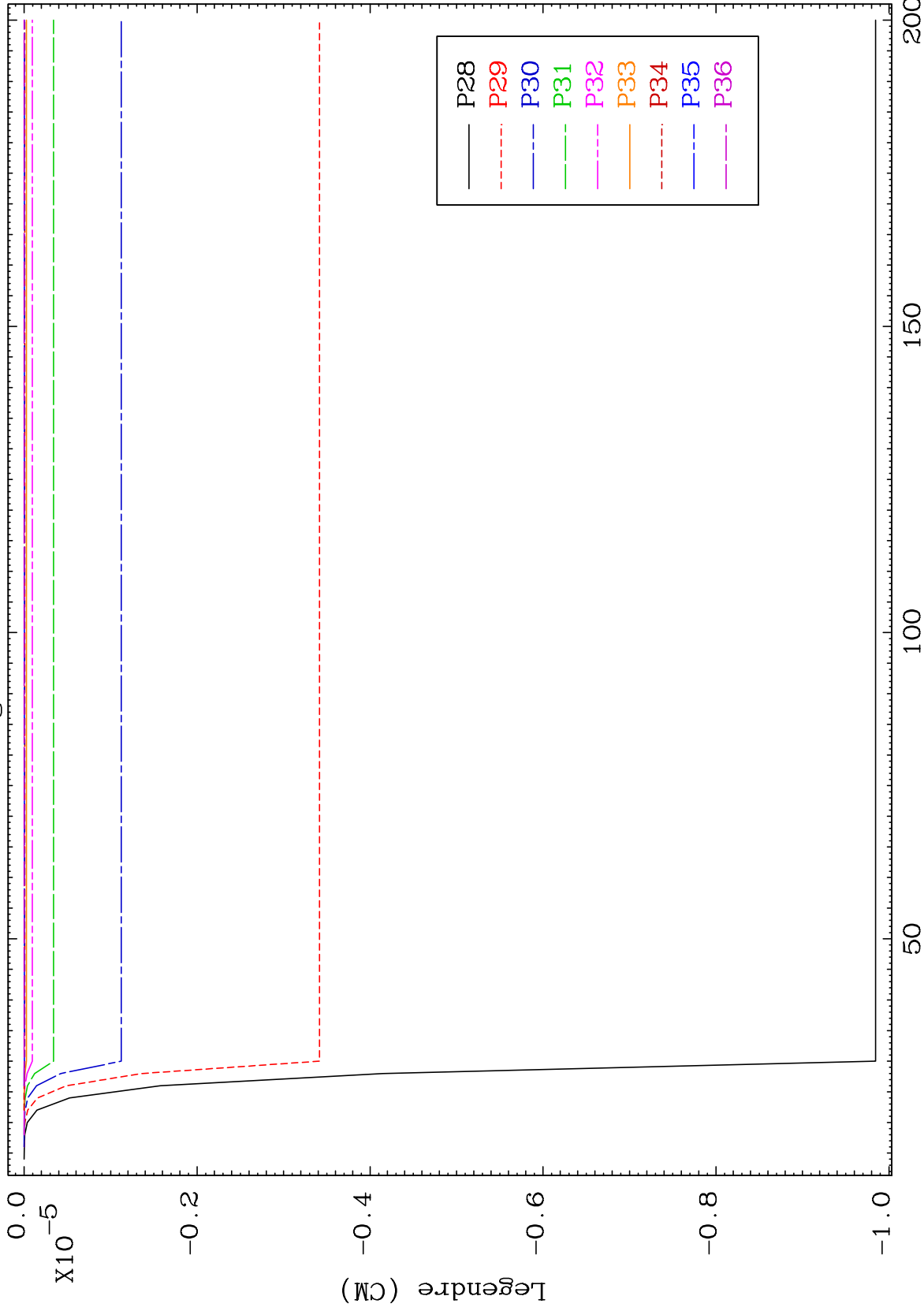
MAT 5546 MT= 68 (n,n') Level Legendre Coefficients 55-Cs-140



80 50 100 150 200 Incident Energy (MeV) 55-Cs-140

MAT 5546 MT= 68 (n,n') Level 55-Cs-140

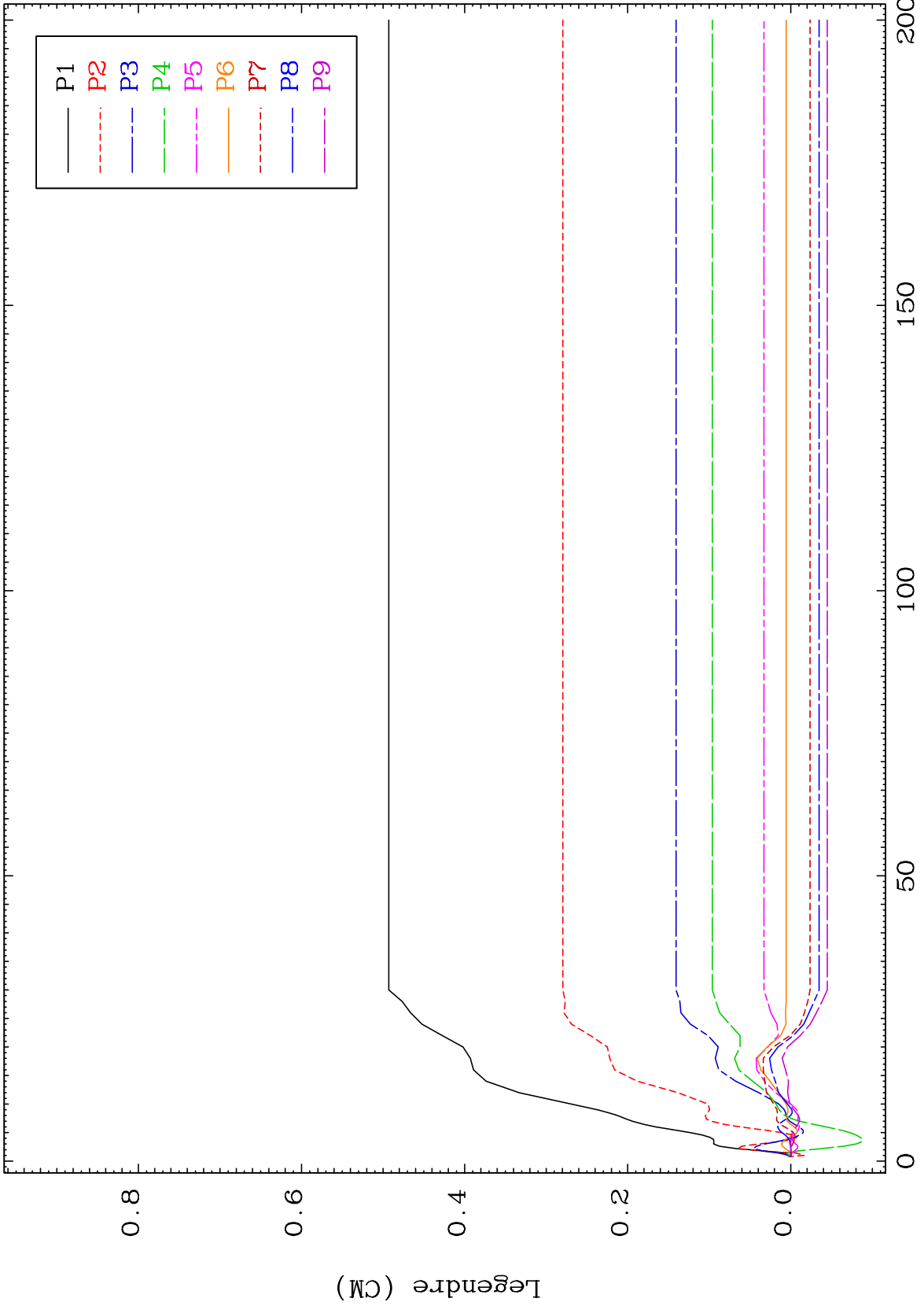
Legendre Coefficients



MAT 5546

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

55-Cs-140



82

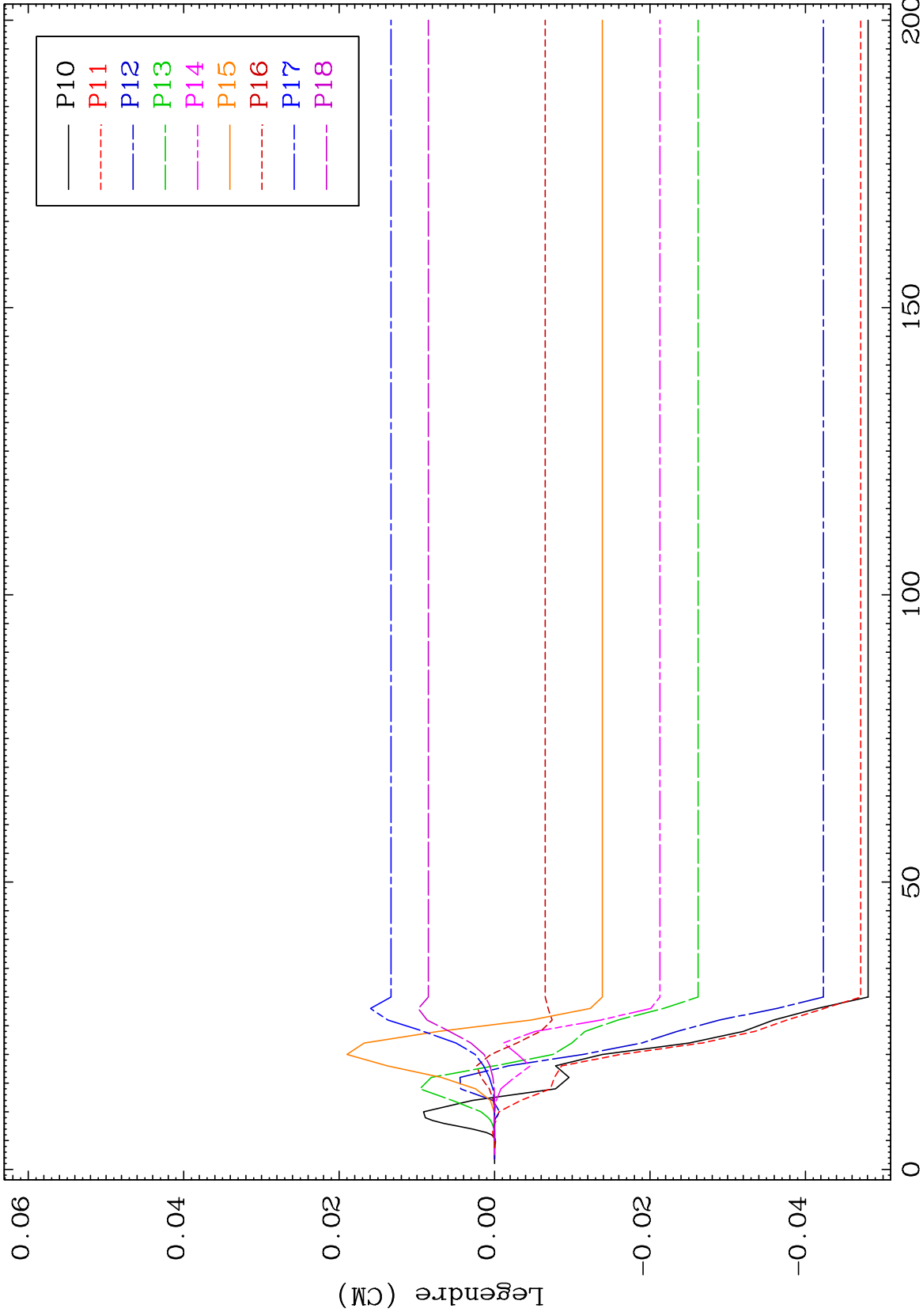
Incident Energy (MeV)

55-Cs-140

MAT 5546

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

55-Cs-140



83

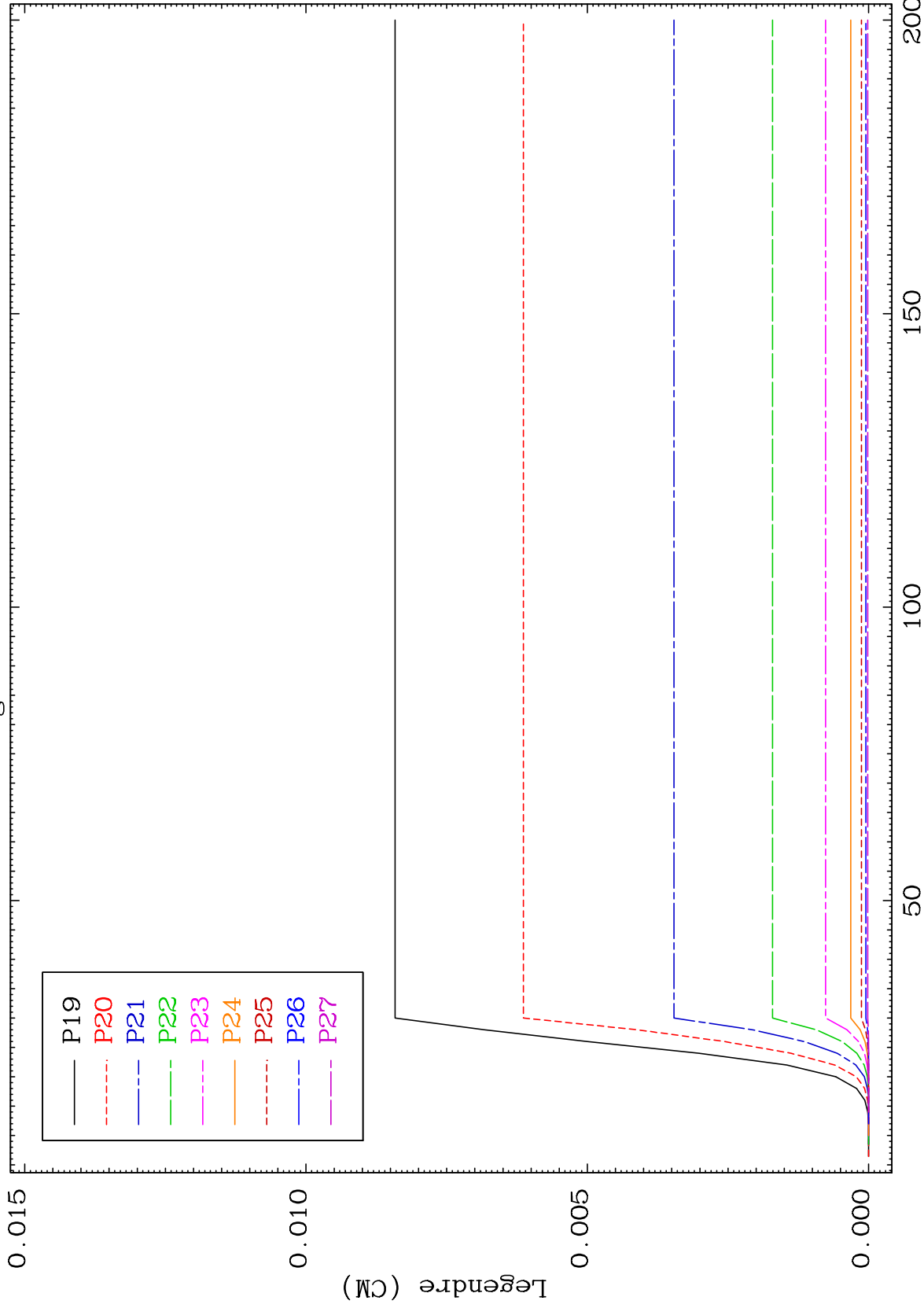
Incident Energy (MeV)

55-Cs-140

MAT 5546

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

55-Cs-140



84

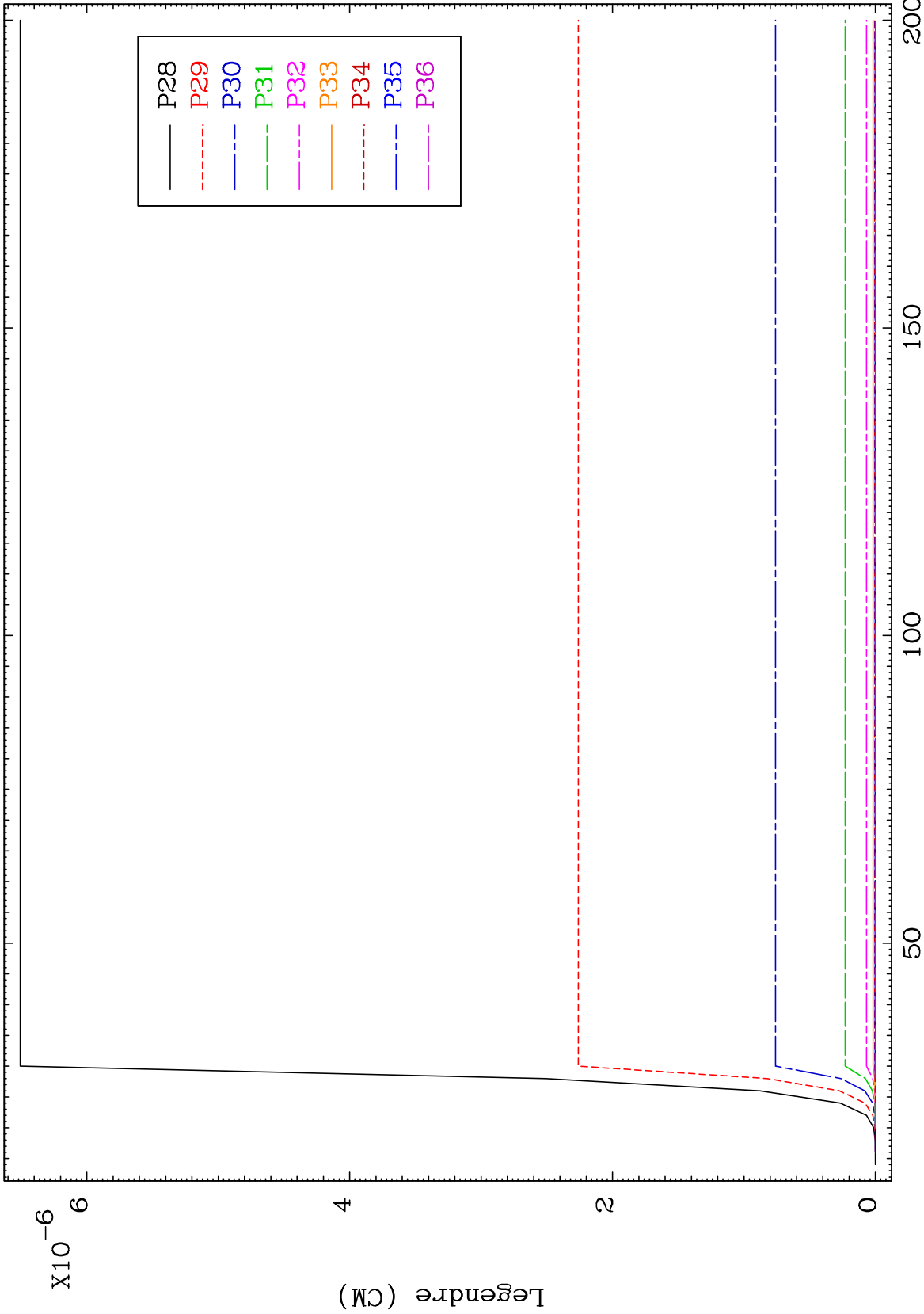
Incident Energy (MeV)

55-Cs-140

MAT 5546

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

55-Cs-140



85

Incident Energy (MeV)

50

100

150

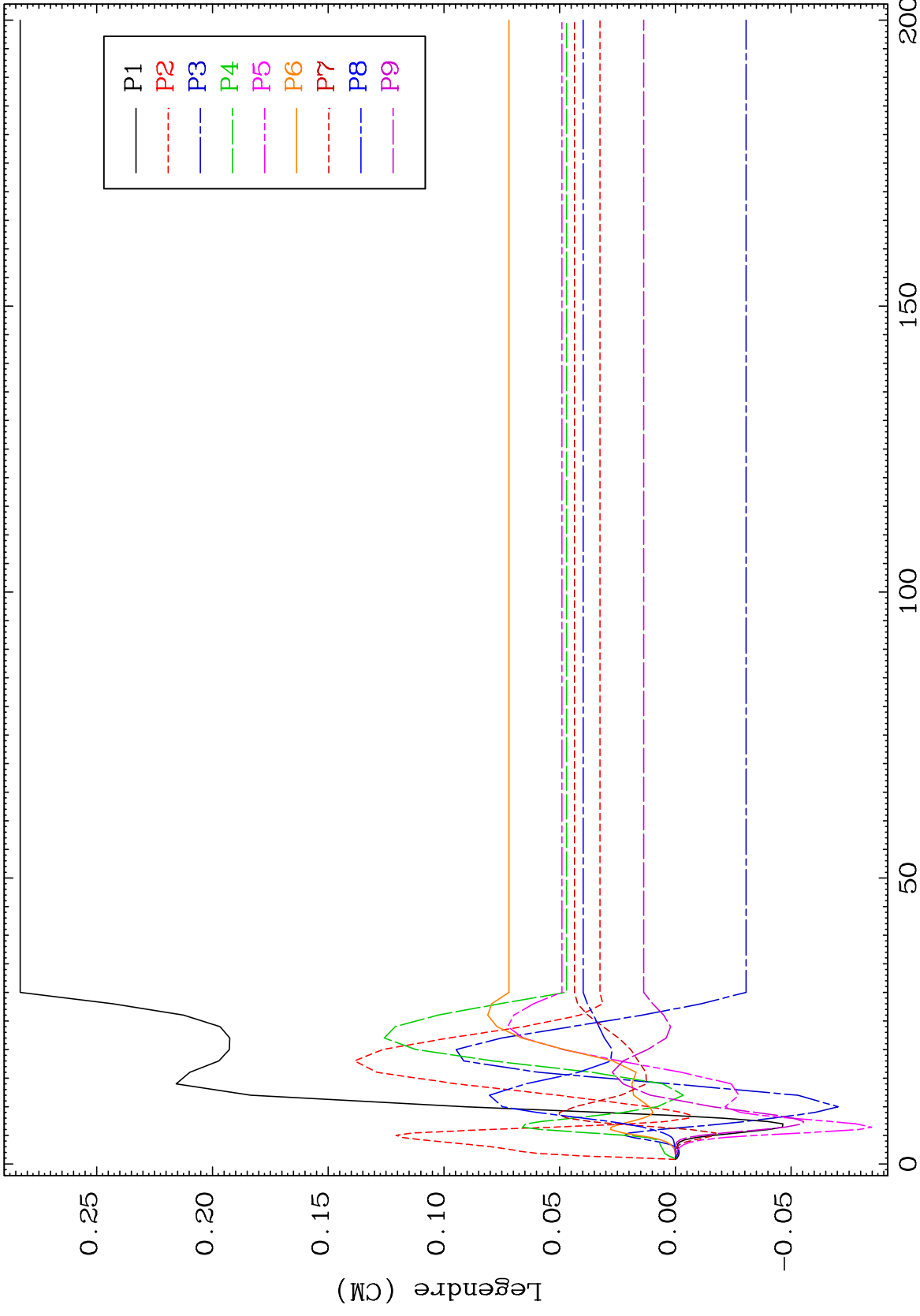
200

55-Cs-140

MAT 5546

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

55-Cs-140

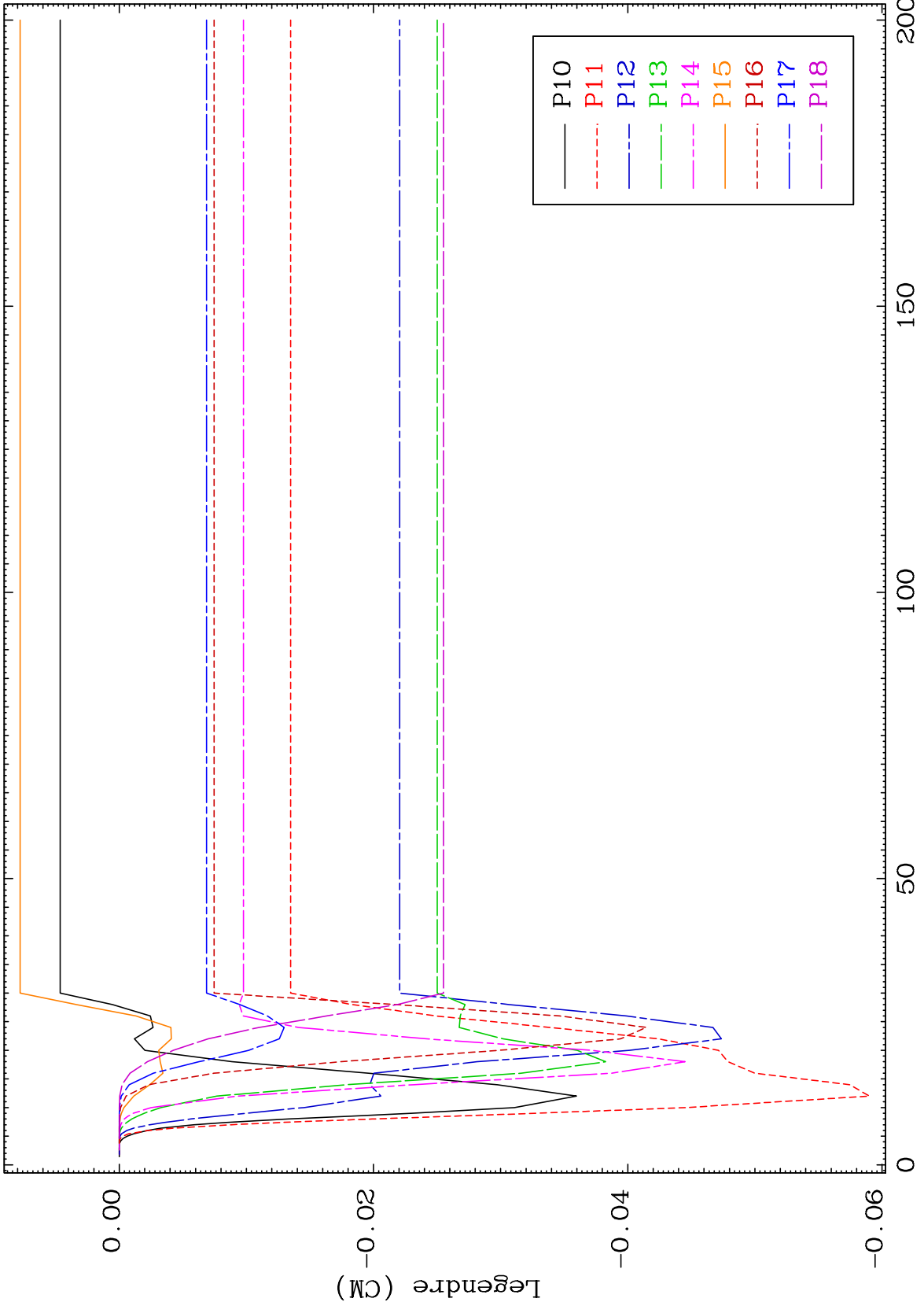


86

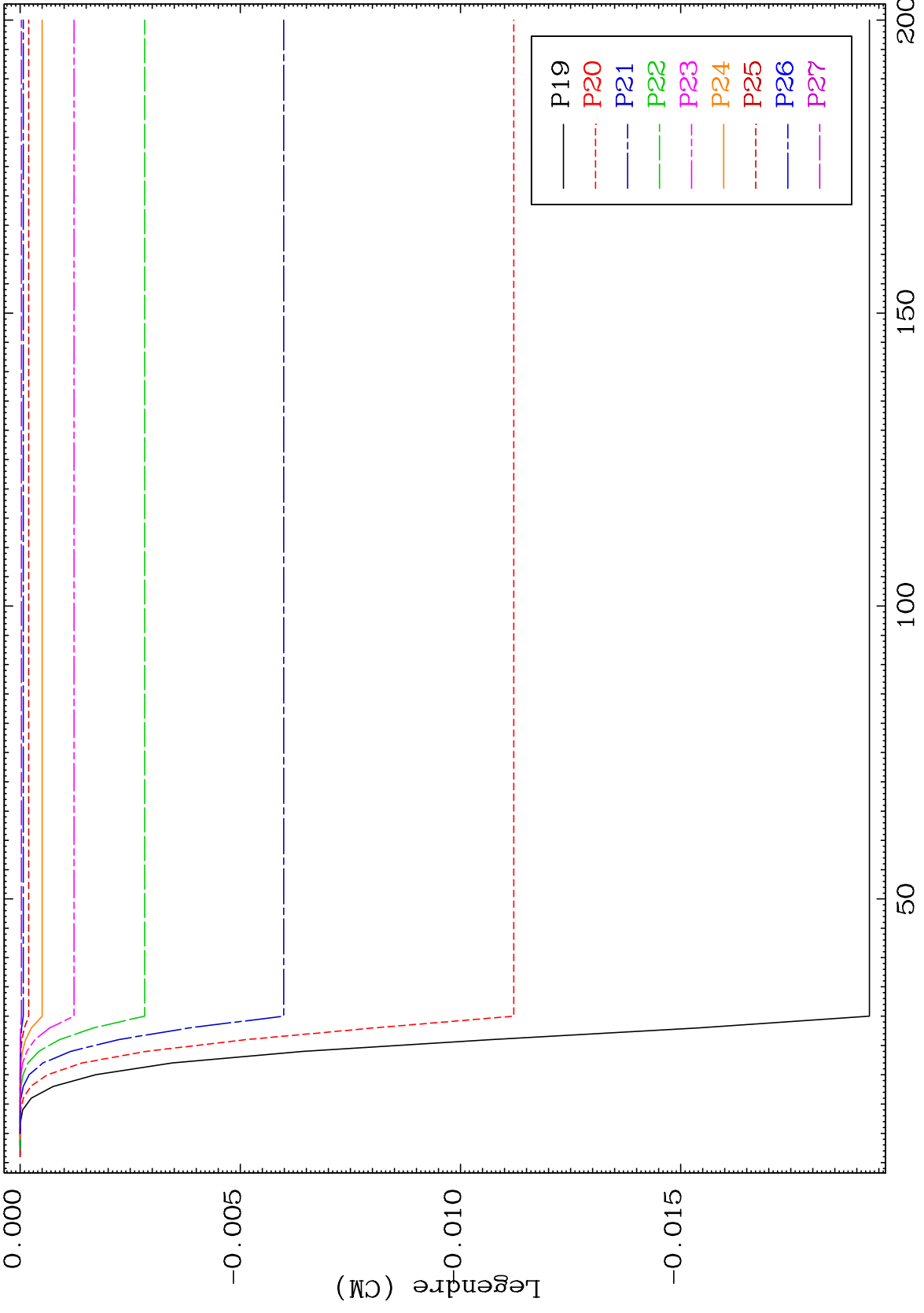
Incident Energy (MeV)

55-Cs-140

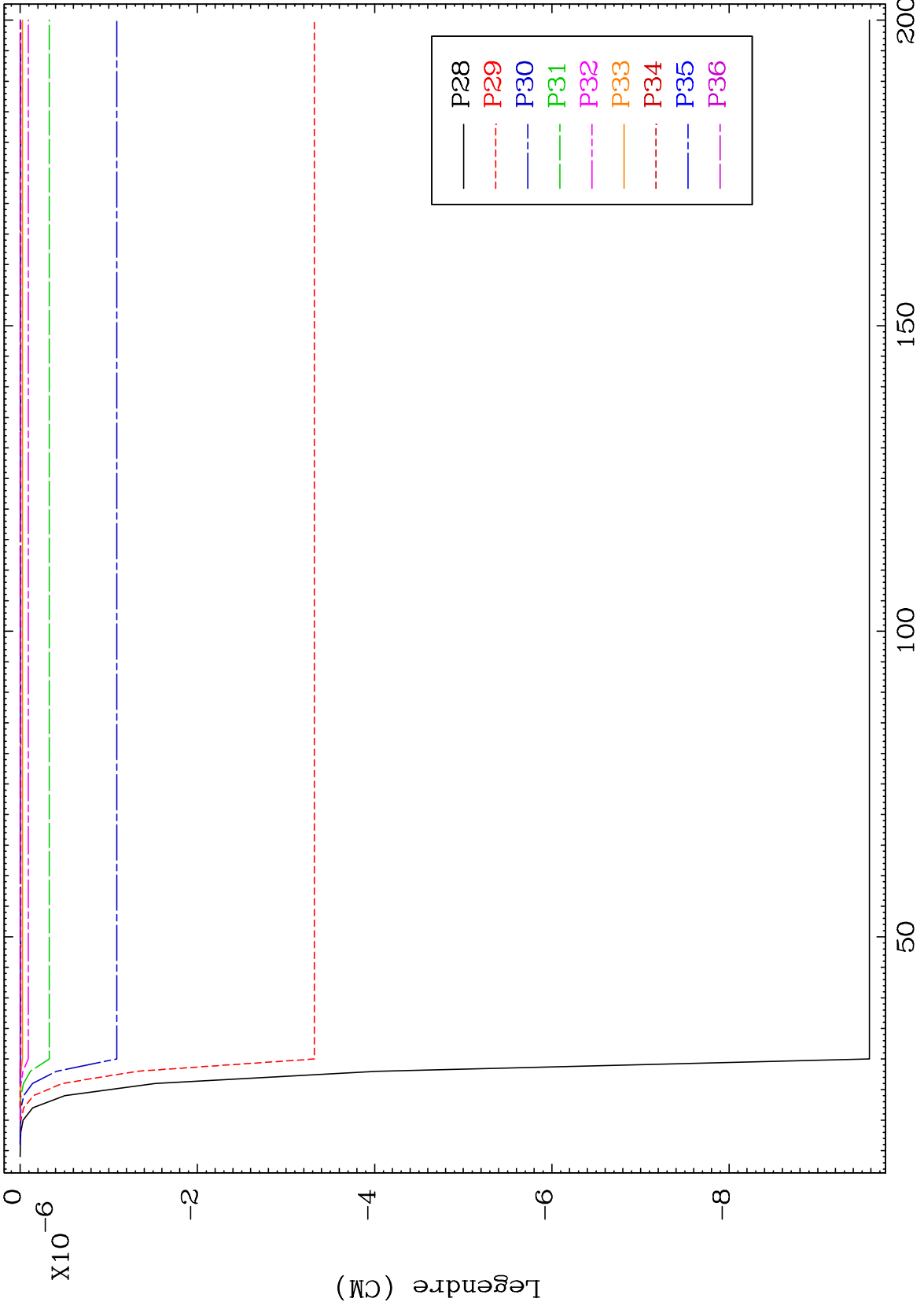
MAT 5546 MT= 70 (n,n') Level Legendre Coefficients 55-Cs-140



MAT 5546 MT= 70 (n,n') Level Legendre Coefficients 55-Cs-140



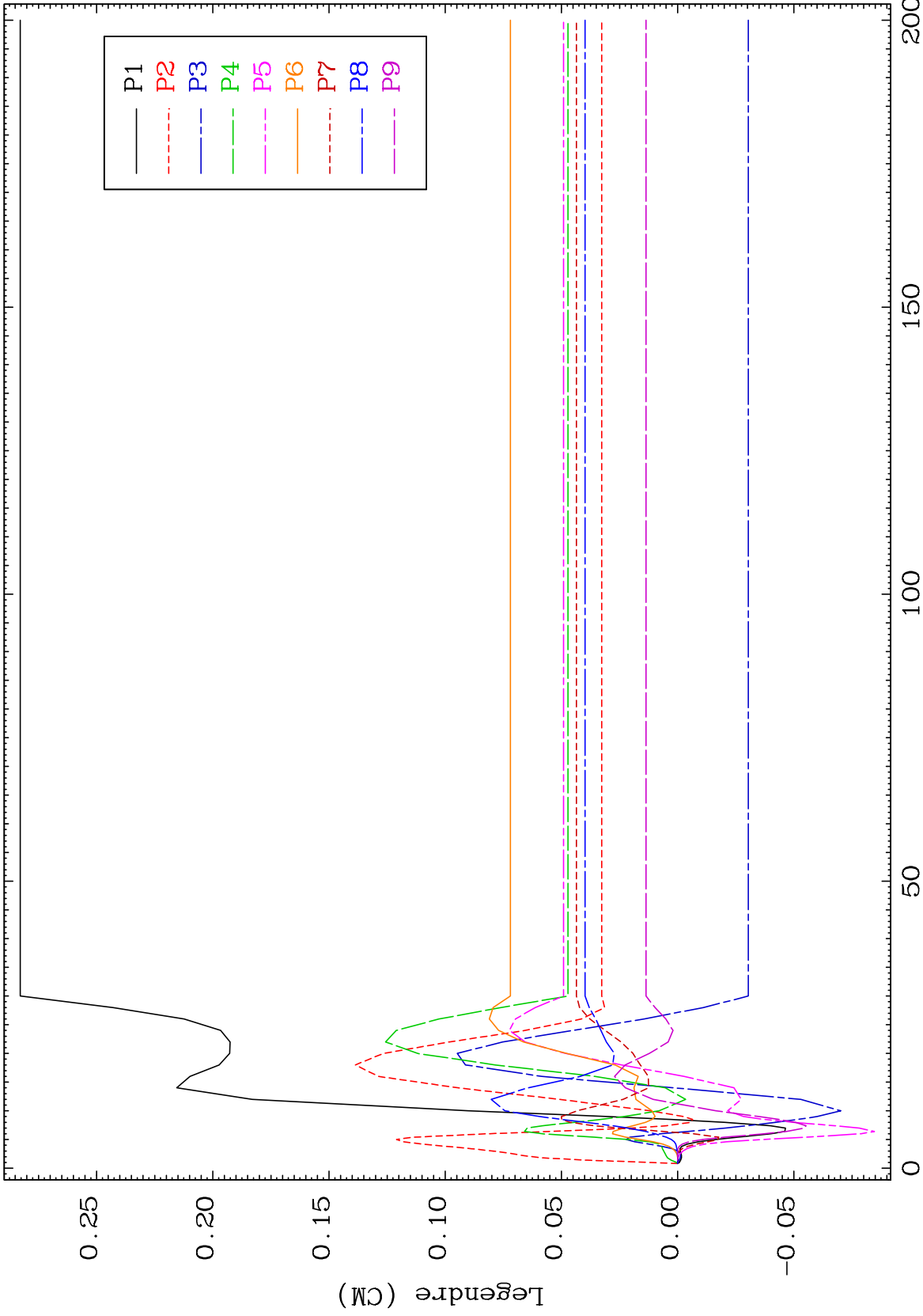
MAT 5546 MT= 70 (n,n') Level Legendre Coefficients 55-Cs-140



MAT 5546

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

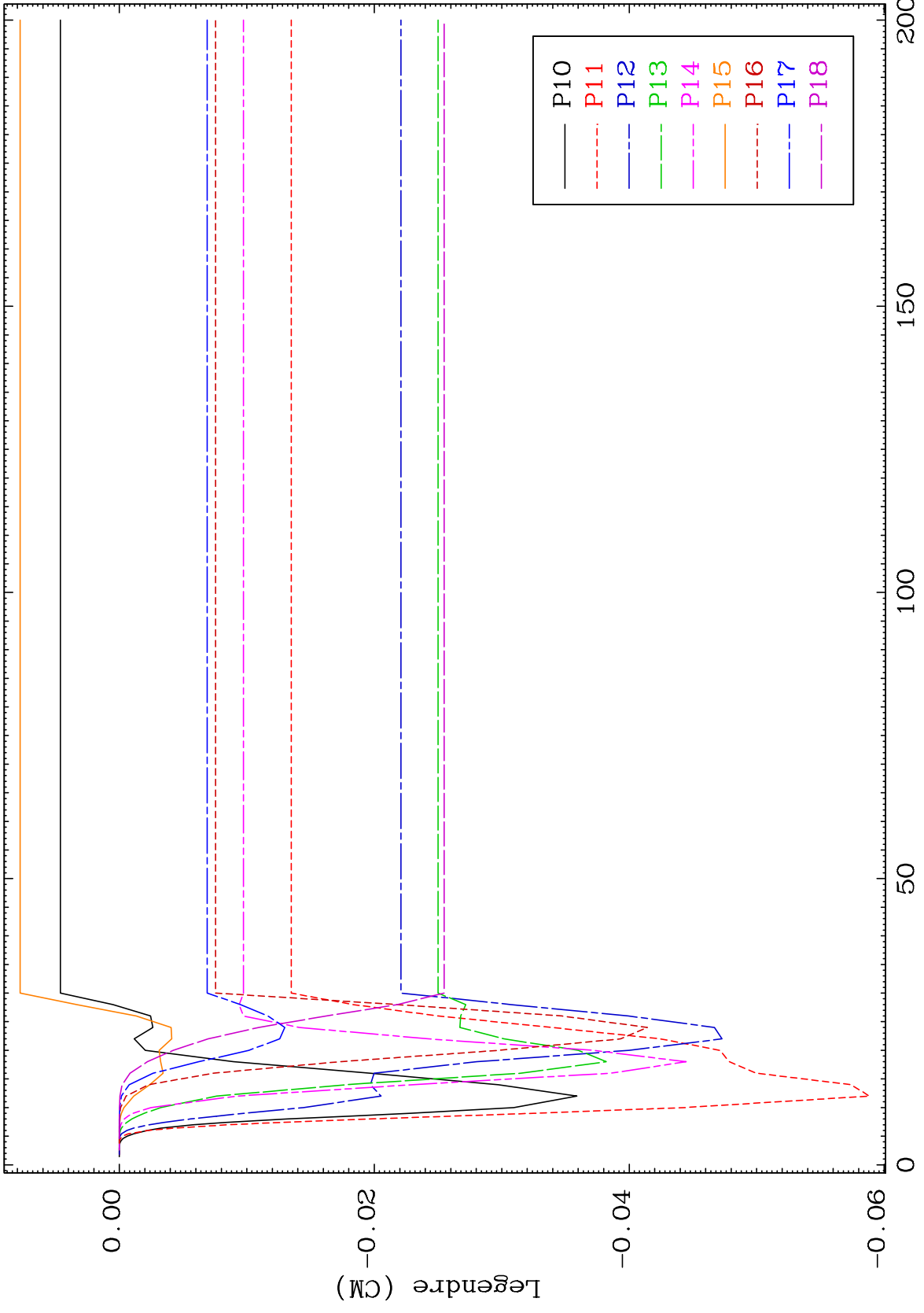
55-Cs-140



55-Cs-140

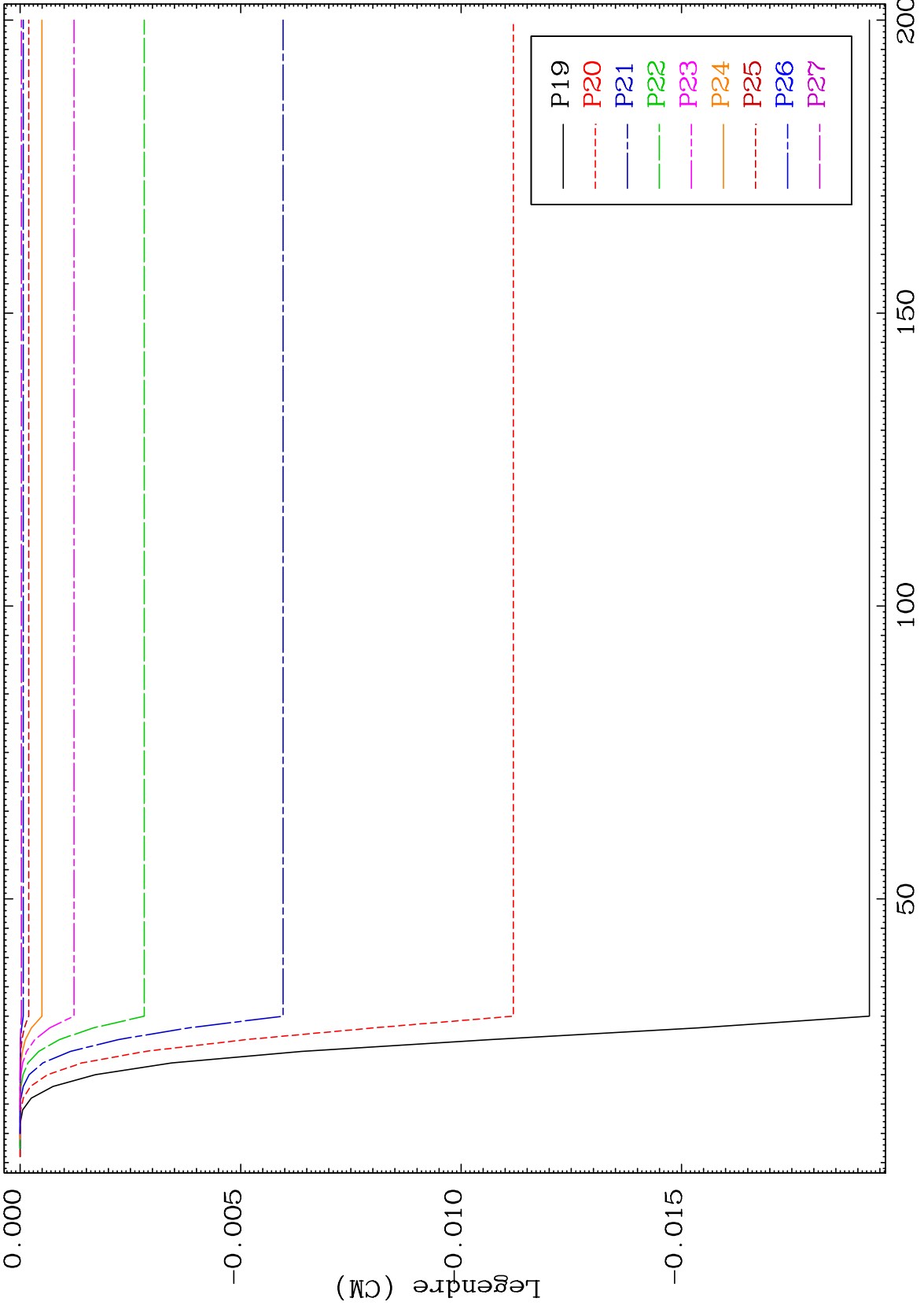
Incident Energy (MeV)

MAT 5546 MT= 71 (n,n') Level Legendre Coefficients 55-Cs-140

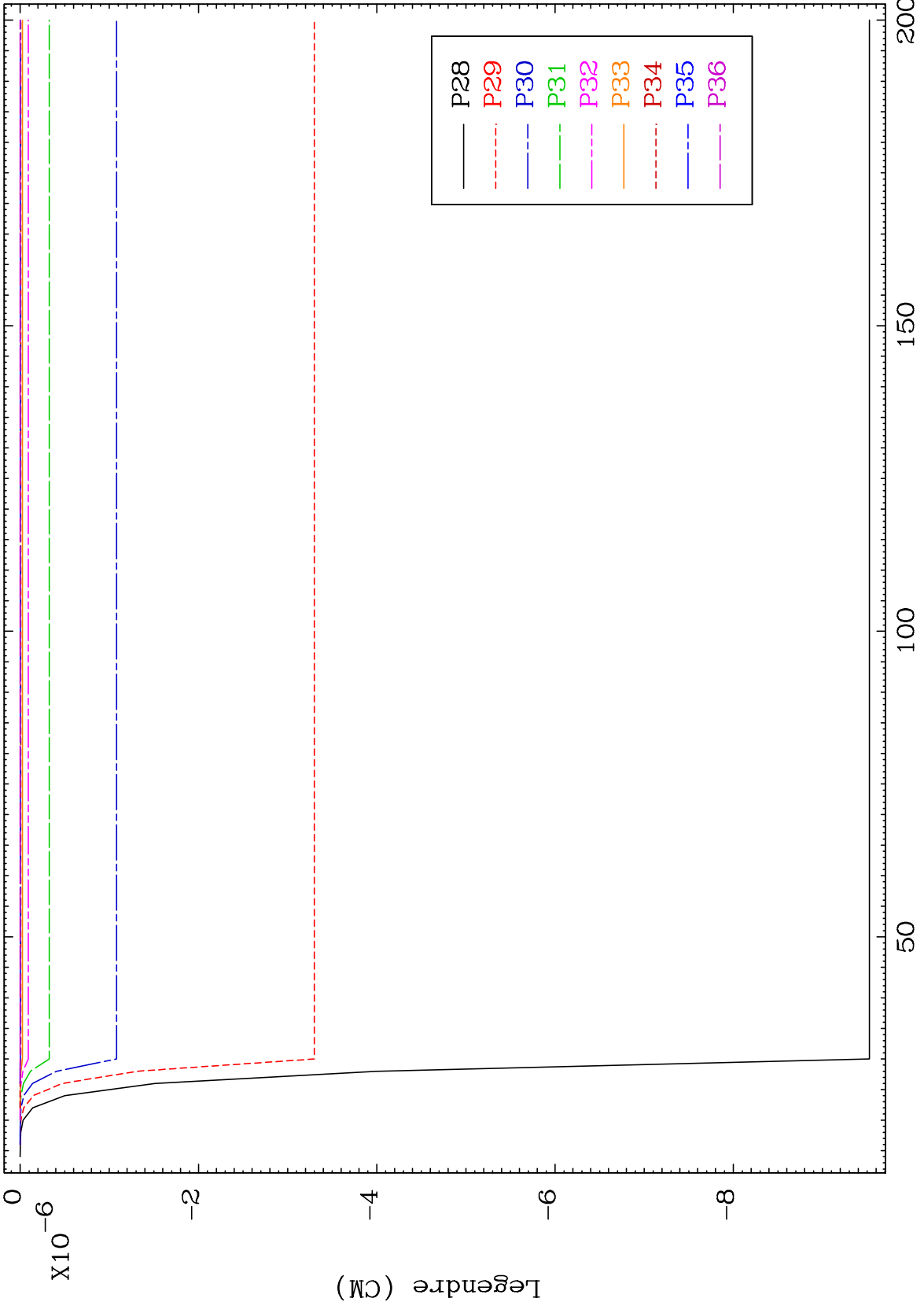


91 55-Cs-140

MAT 5546 MT= 71 (n,n') Level Legendre Coefficients 55-Cs-140



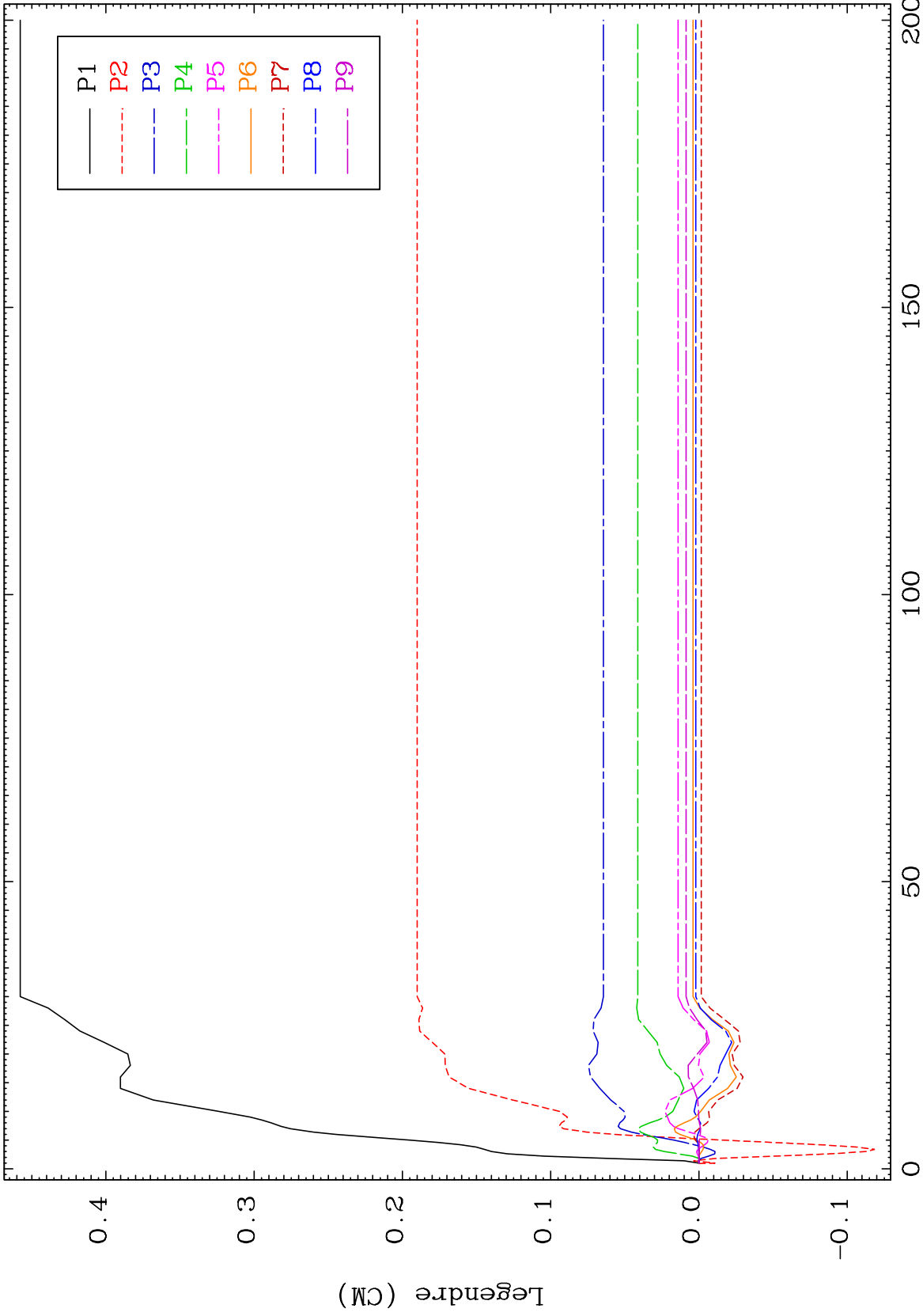
MAT 5546 MT= 71 (n,n') Level Legendre Coefficients 55-Cs-140



MAT 5546

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

55-Cs-140



94

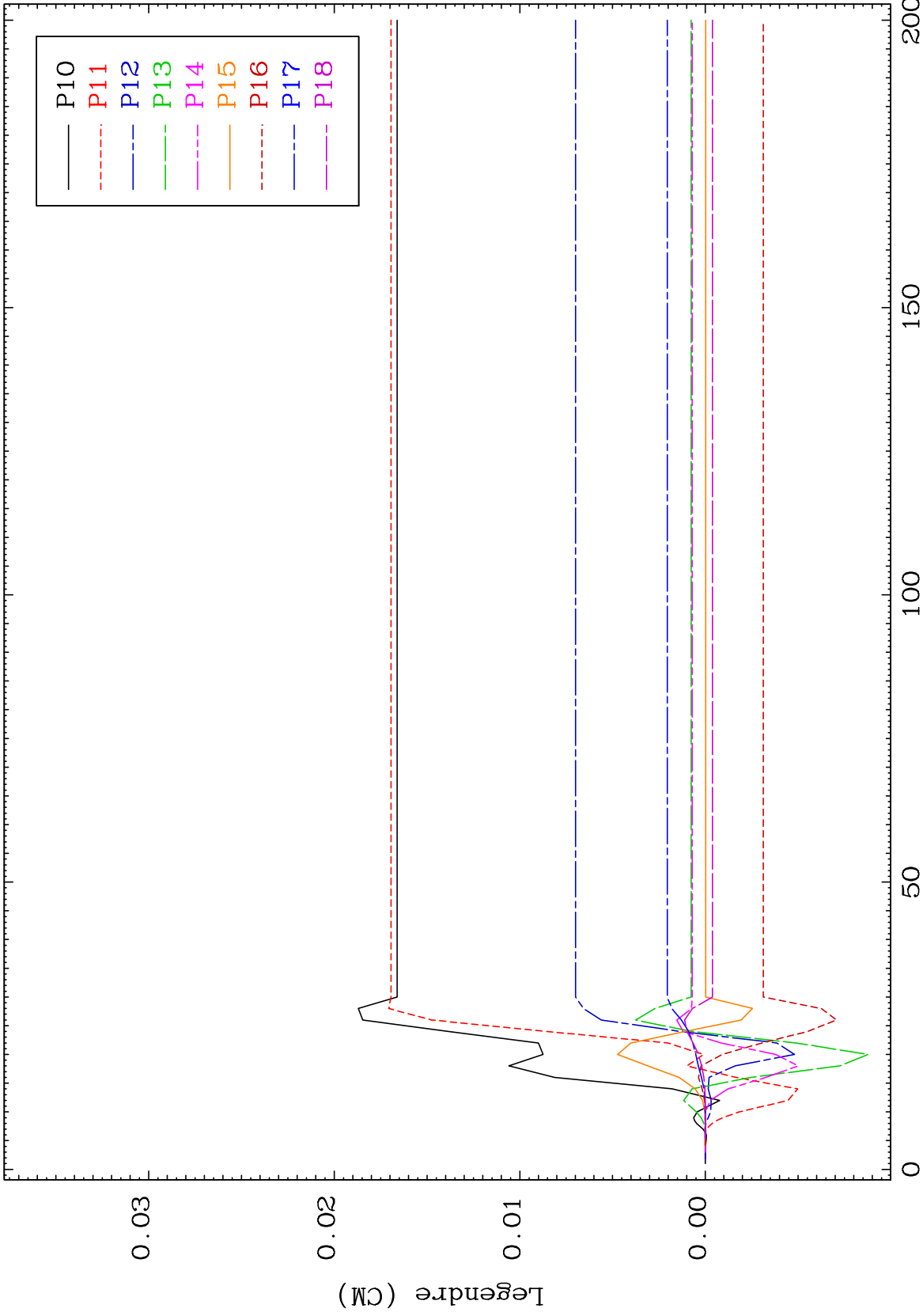
Incident Energy (MeV)

55-Cs-140

MAT 5546

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

55-Cs-140

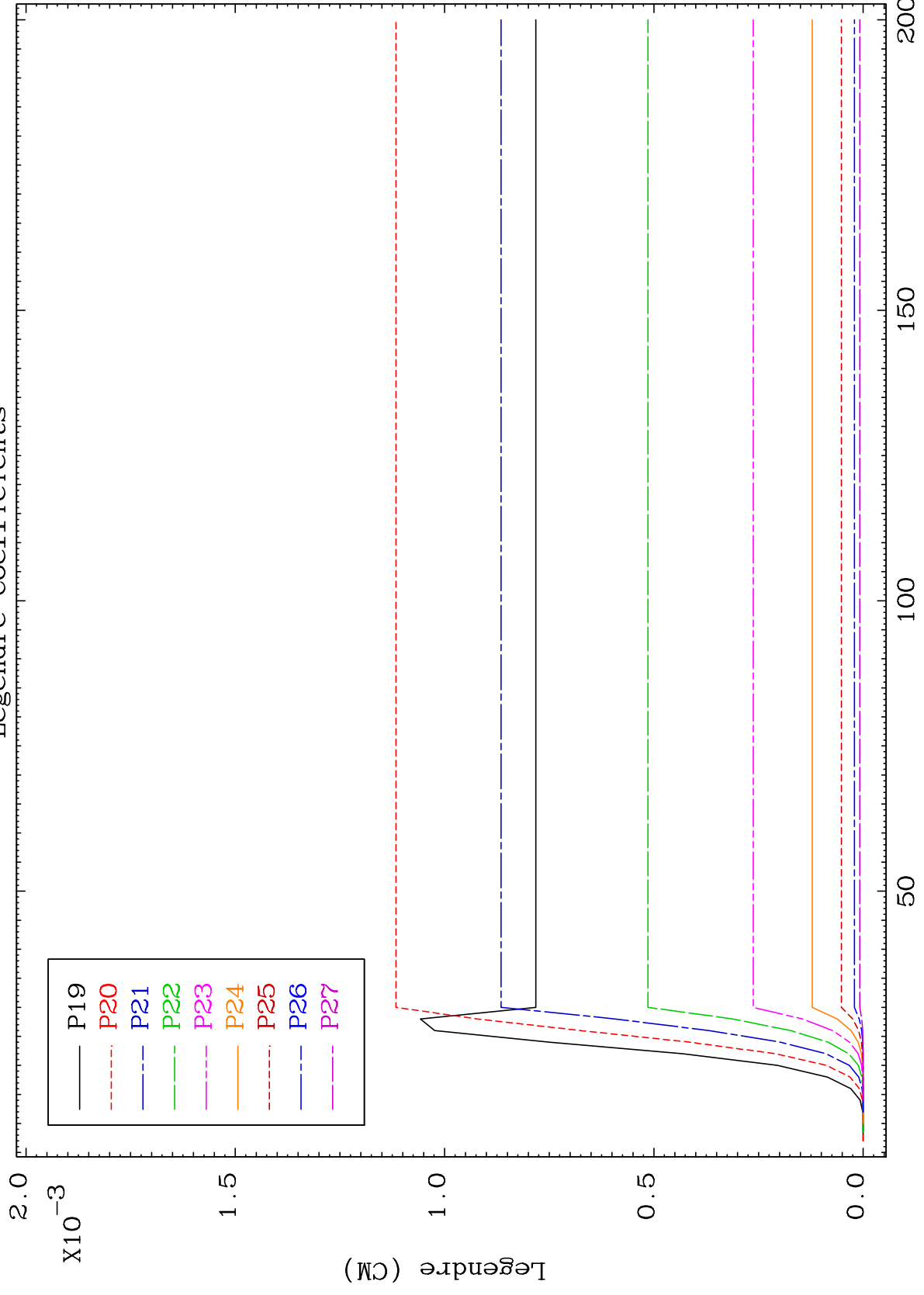


95

Incident Energy (MeV)

55-Cs-140

MAT 5546 MT= 72 (n,n') Level Legendre Coefficients 55-Cs-140



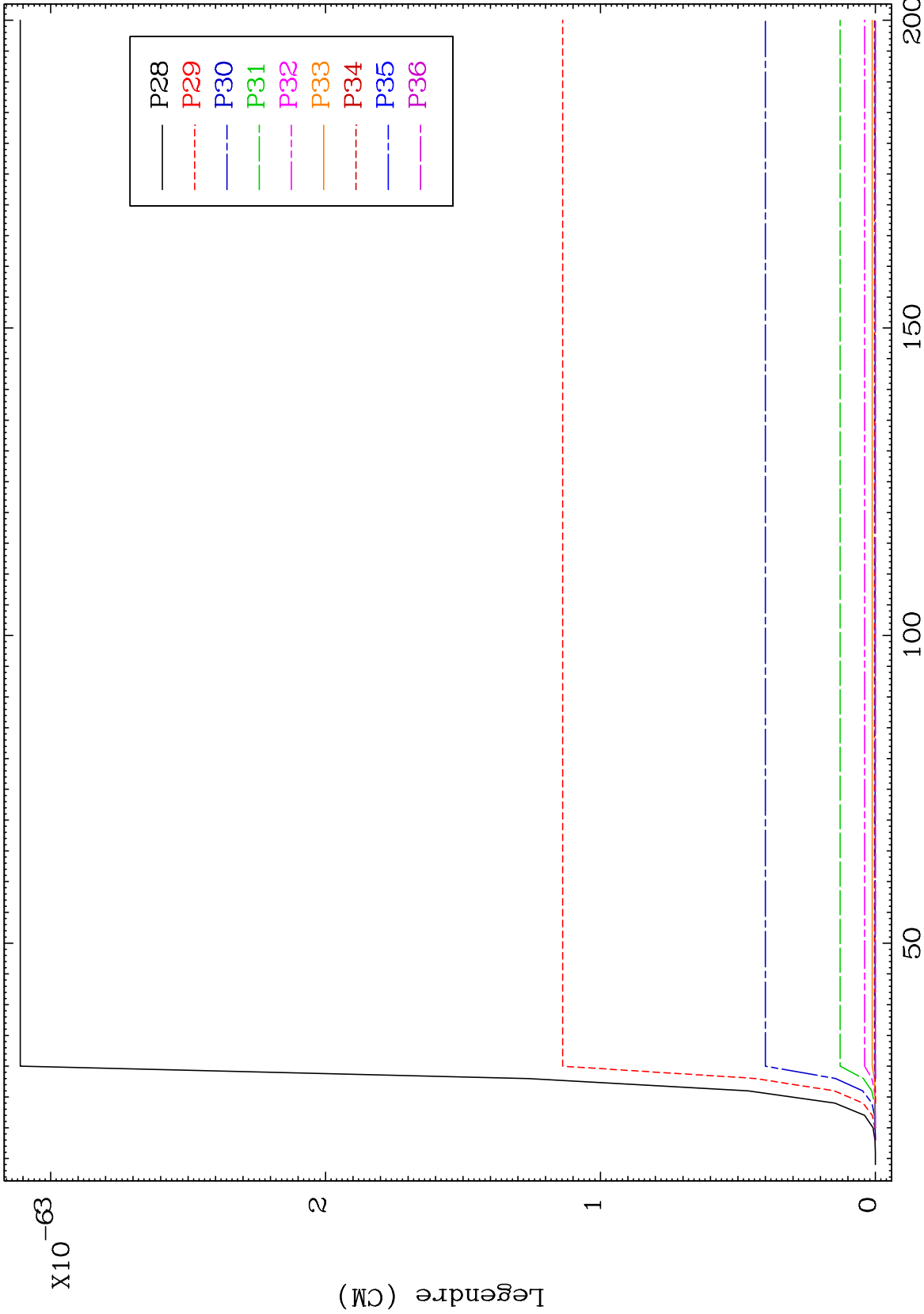
55-Cs-140

Incident Energy (MeV)

MAT 5546

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

55-Cs-140



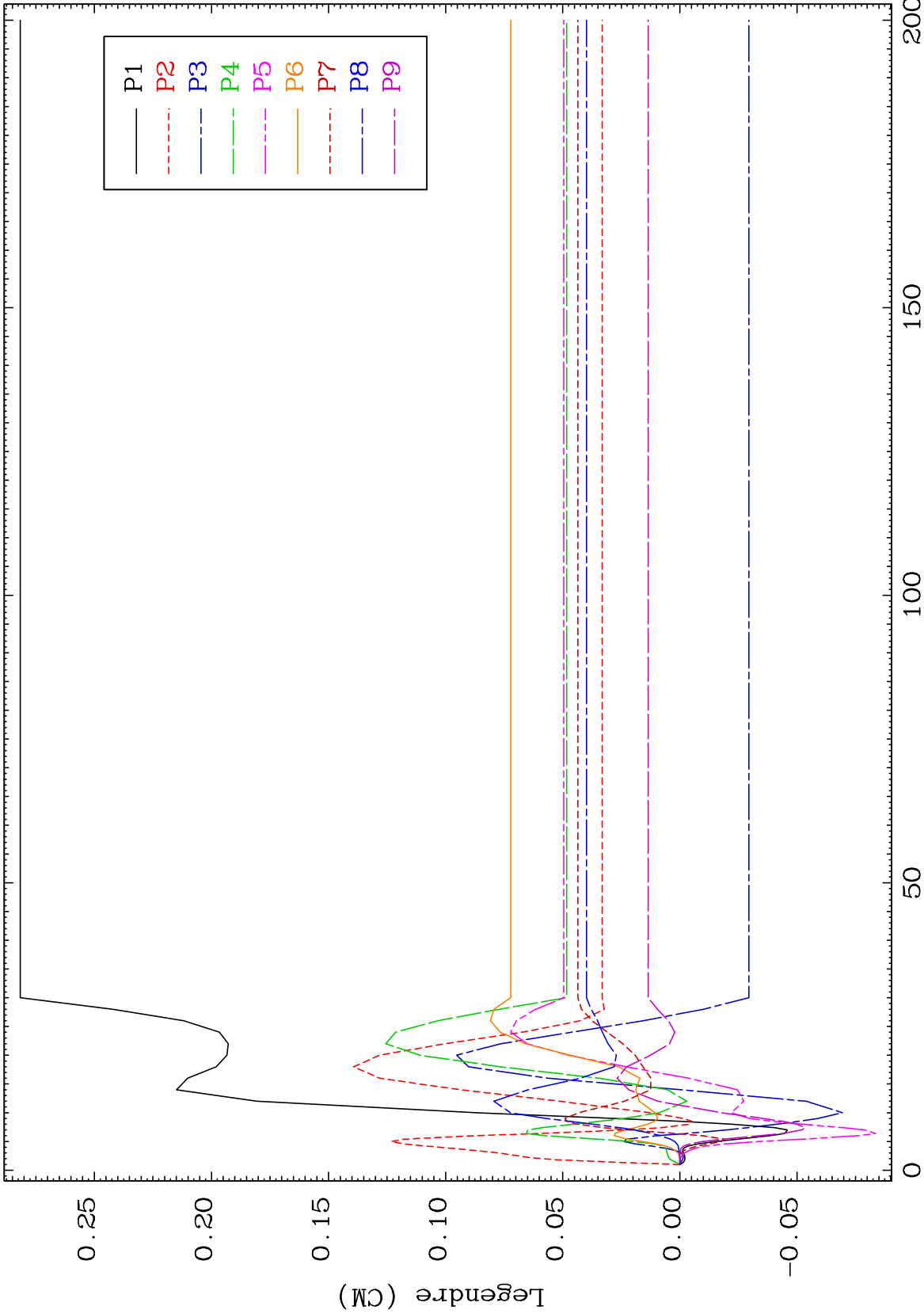
97

55-Cs-140

MAT 5546

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

55-Cs-140

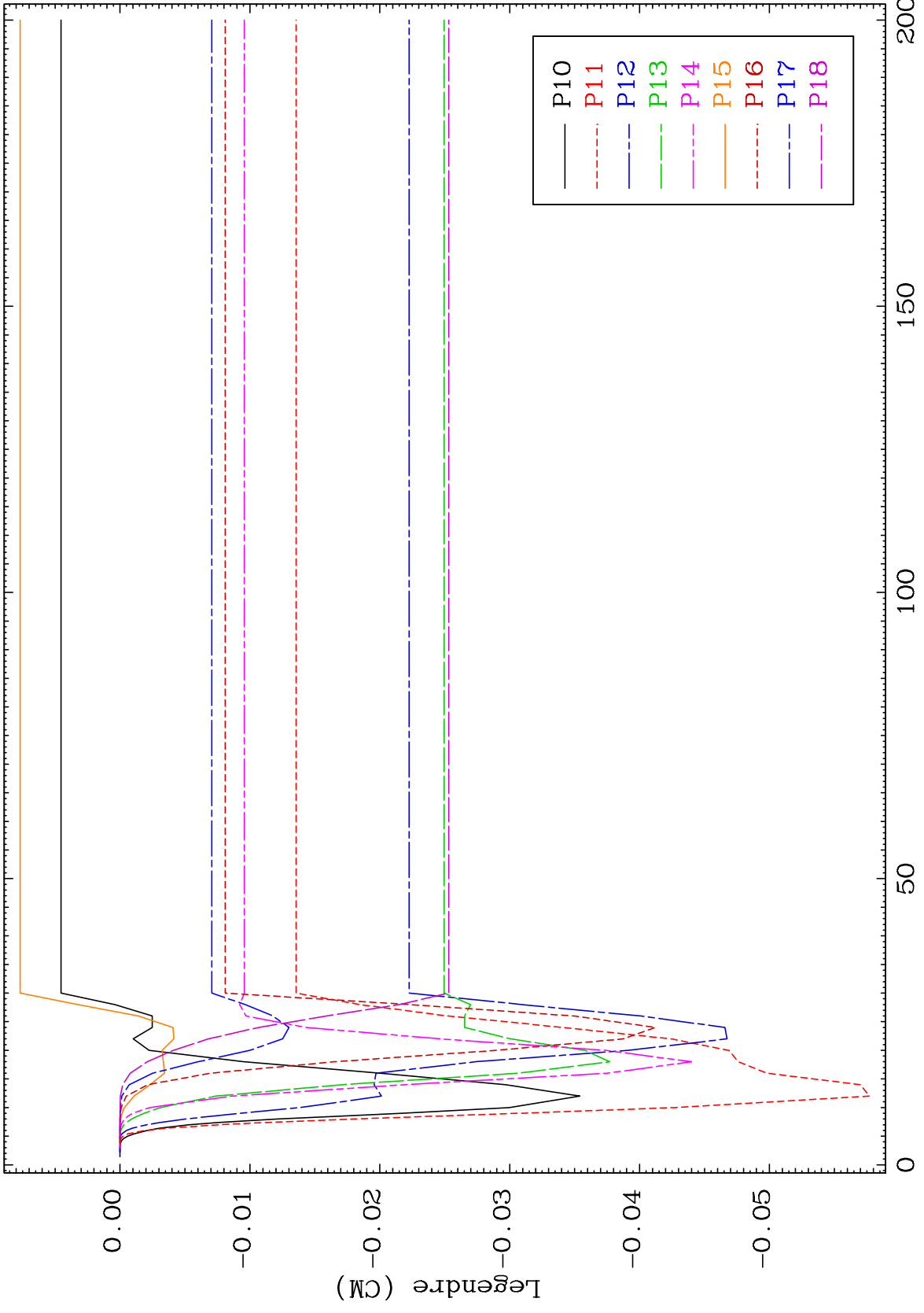


98

Incident Energy (MeV)

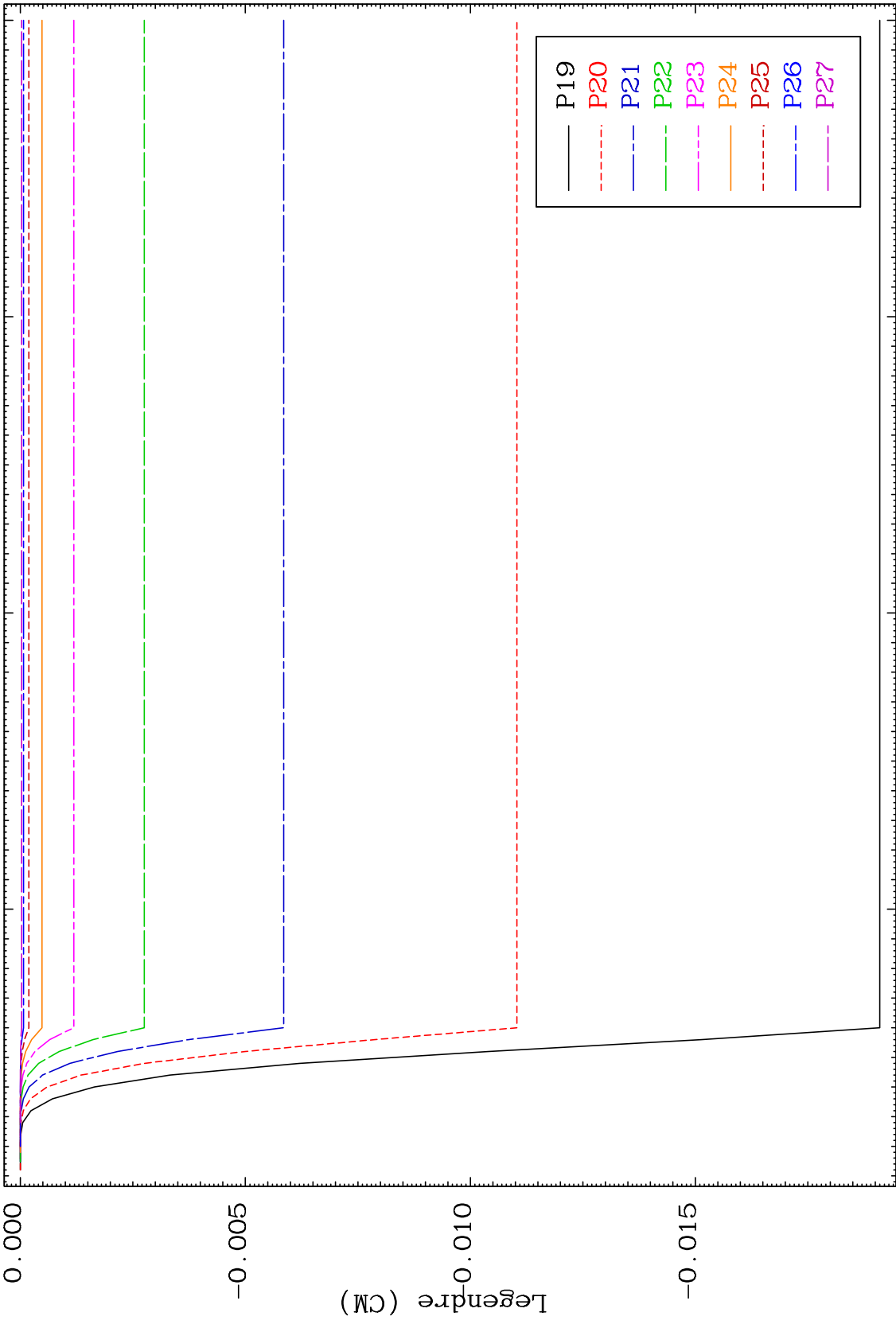
55-Cs-140

MAT 5546 MT= 73 (n,n') Level Legendre Coefficients 55-Cs-140



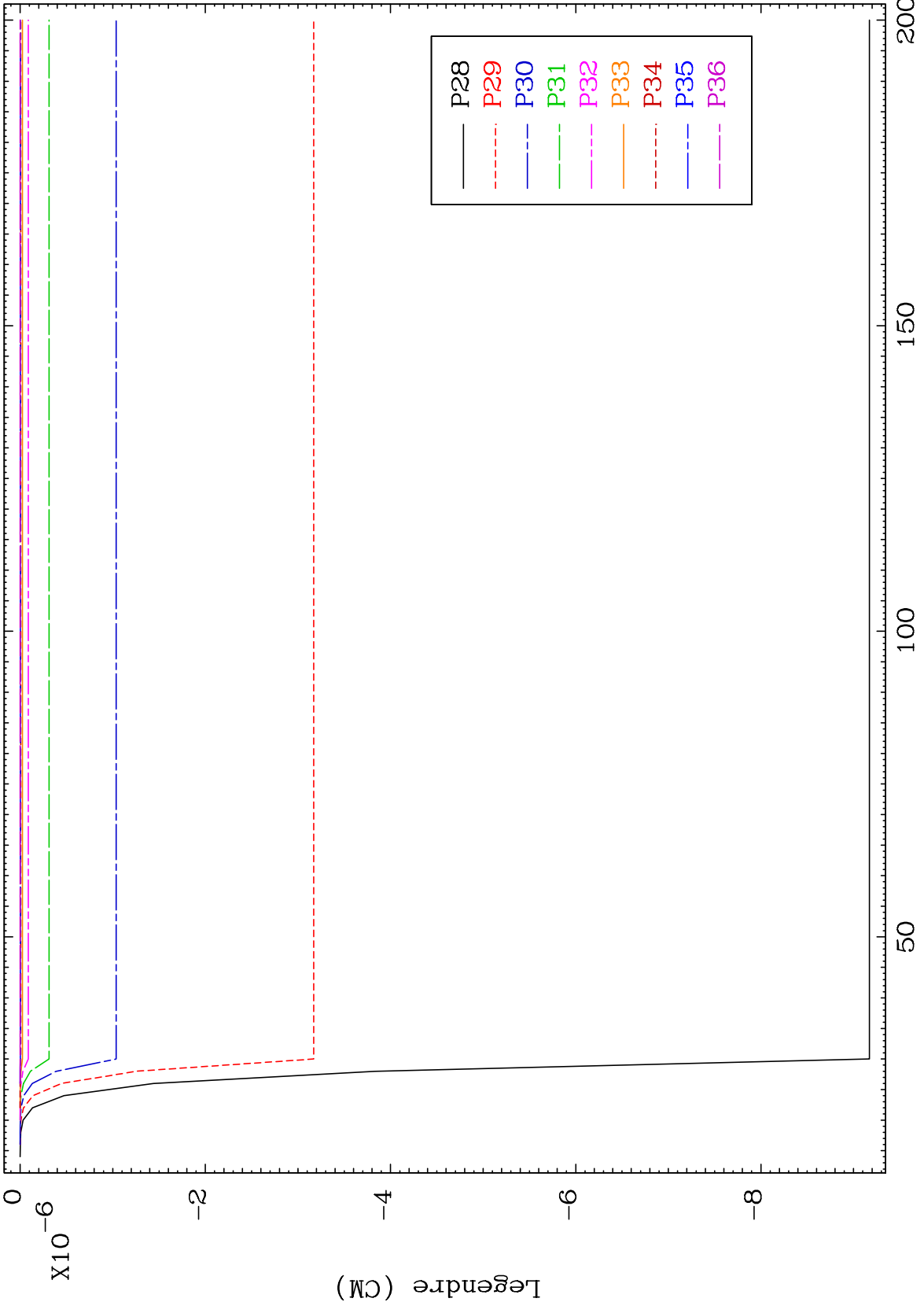
99 55-Cs-140

MAT 5546 MT= 73 (n,n') Level Legendre Coefficients 55-Cs-140



100 50 150 200 Incident Energy (MeV) 55-Cs-140

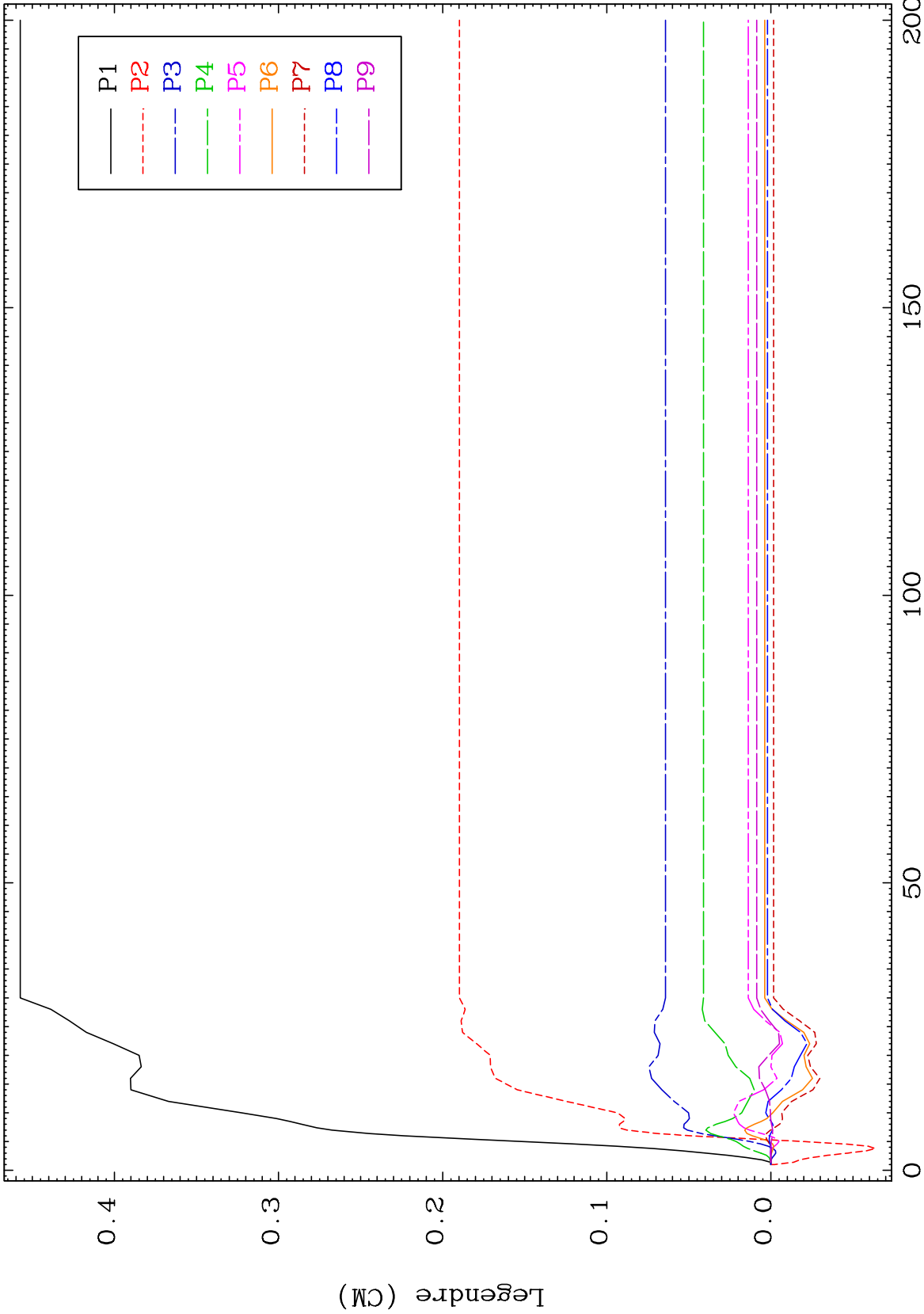
MAT 5546 MT= 73 (n,n') Level Legendre Coefficients 55-Cs-140



MAT 5546

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

55-Cs-140



55-Cs-140

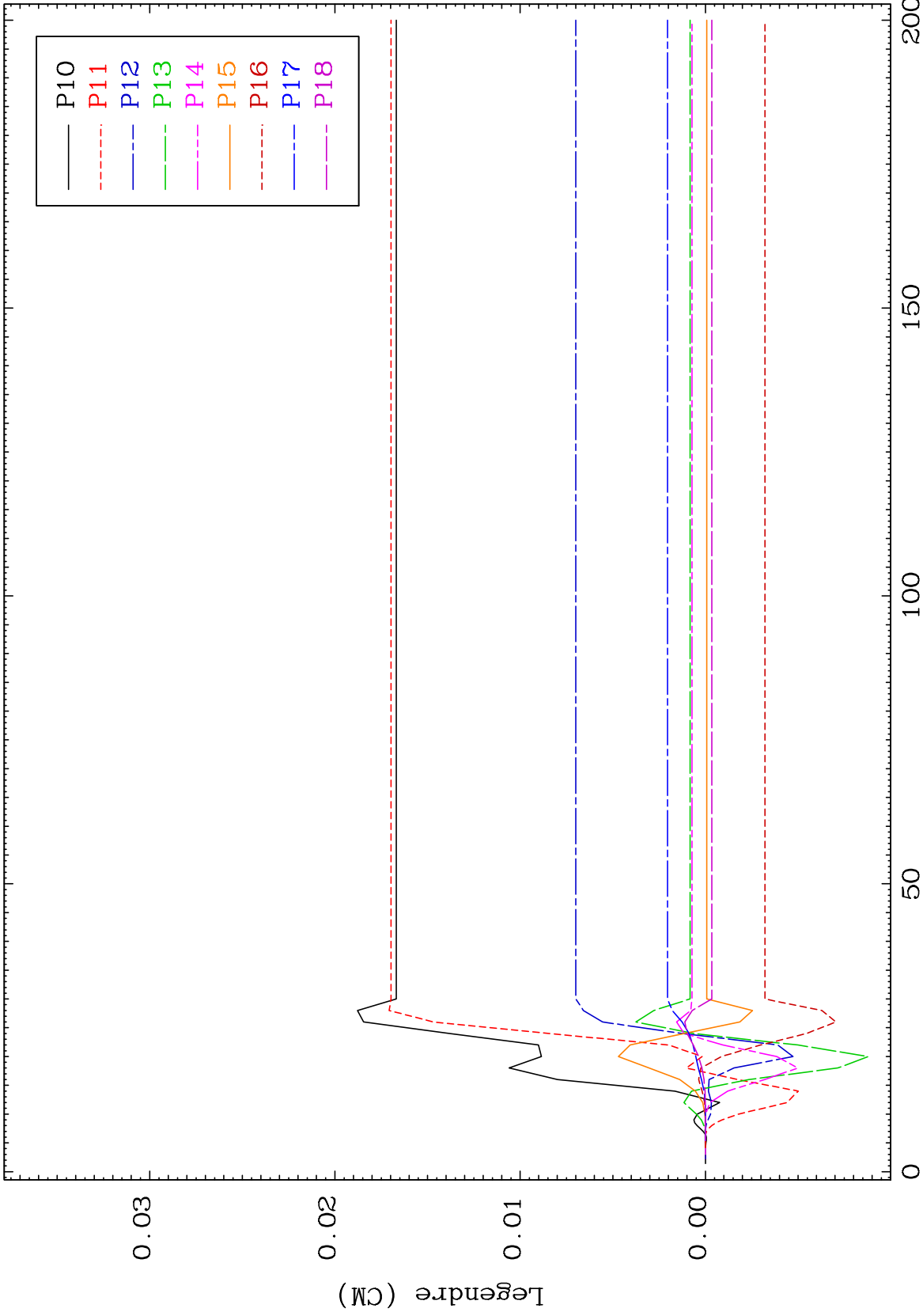
Incident Energy (MeV)

102

MAT 5546

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

55-Cs-140

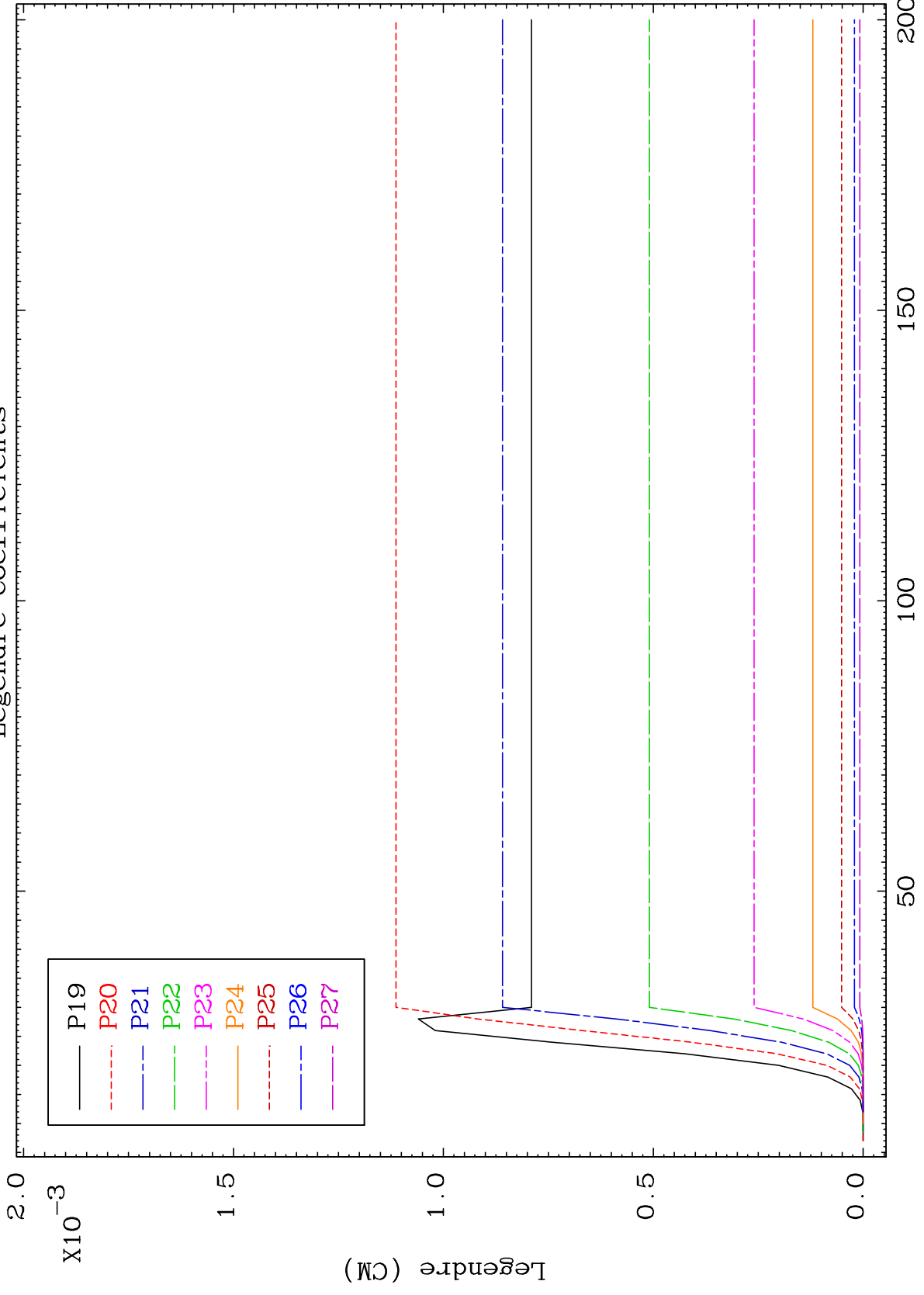


103

Incident Energy (MeV)

55-Cs-140

MAT 5546 MT= 74 (n,n') Level Legendre Coefficients 55-Cs-140

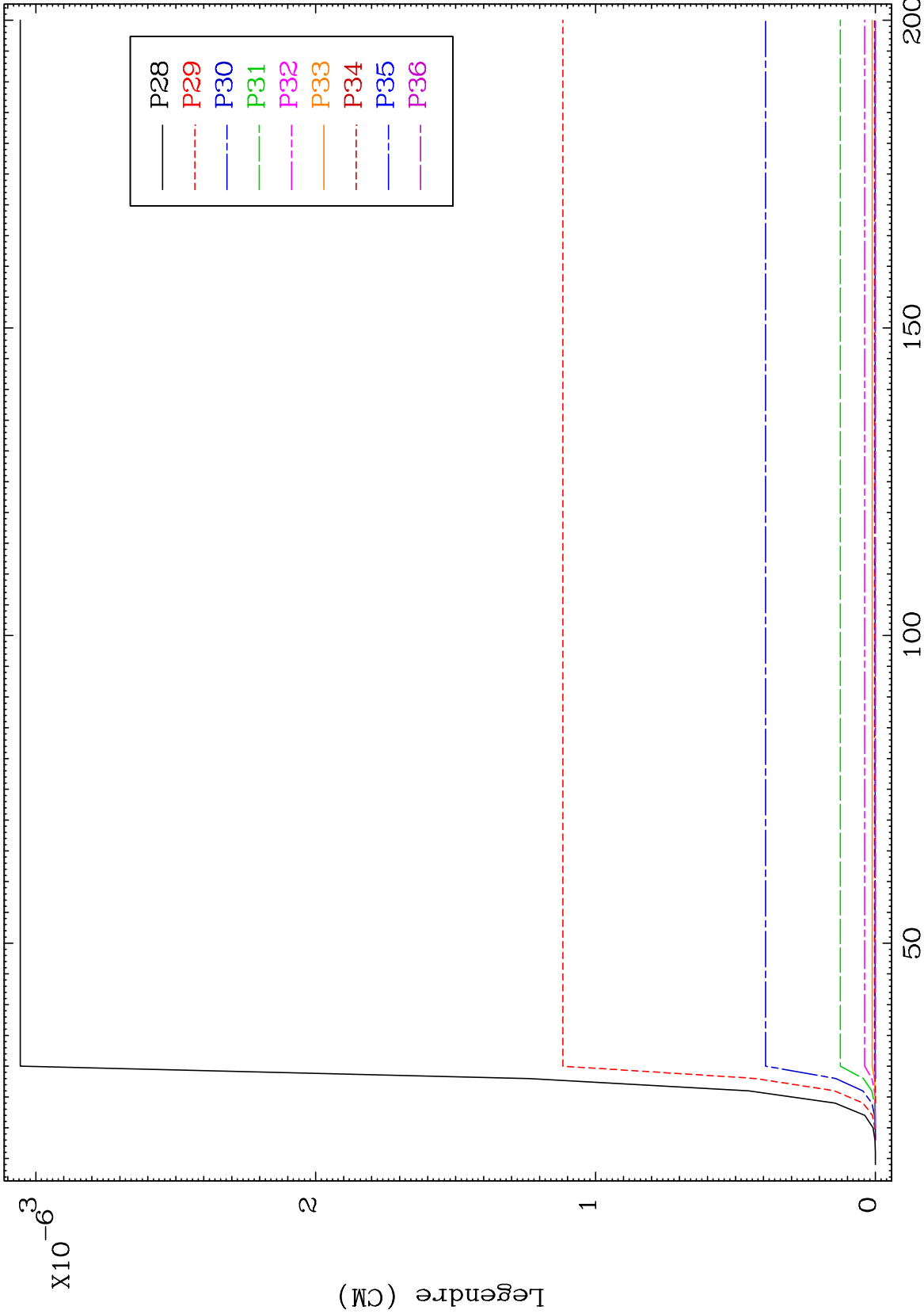


104 Incident Energy (MeV) 55-Cs-140

MAT 5546

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

55-Cs-140



105

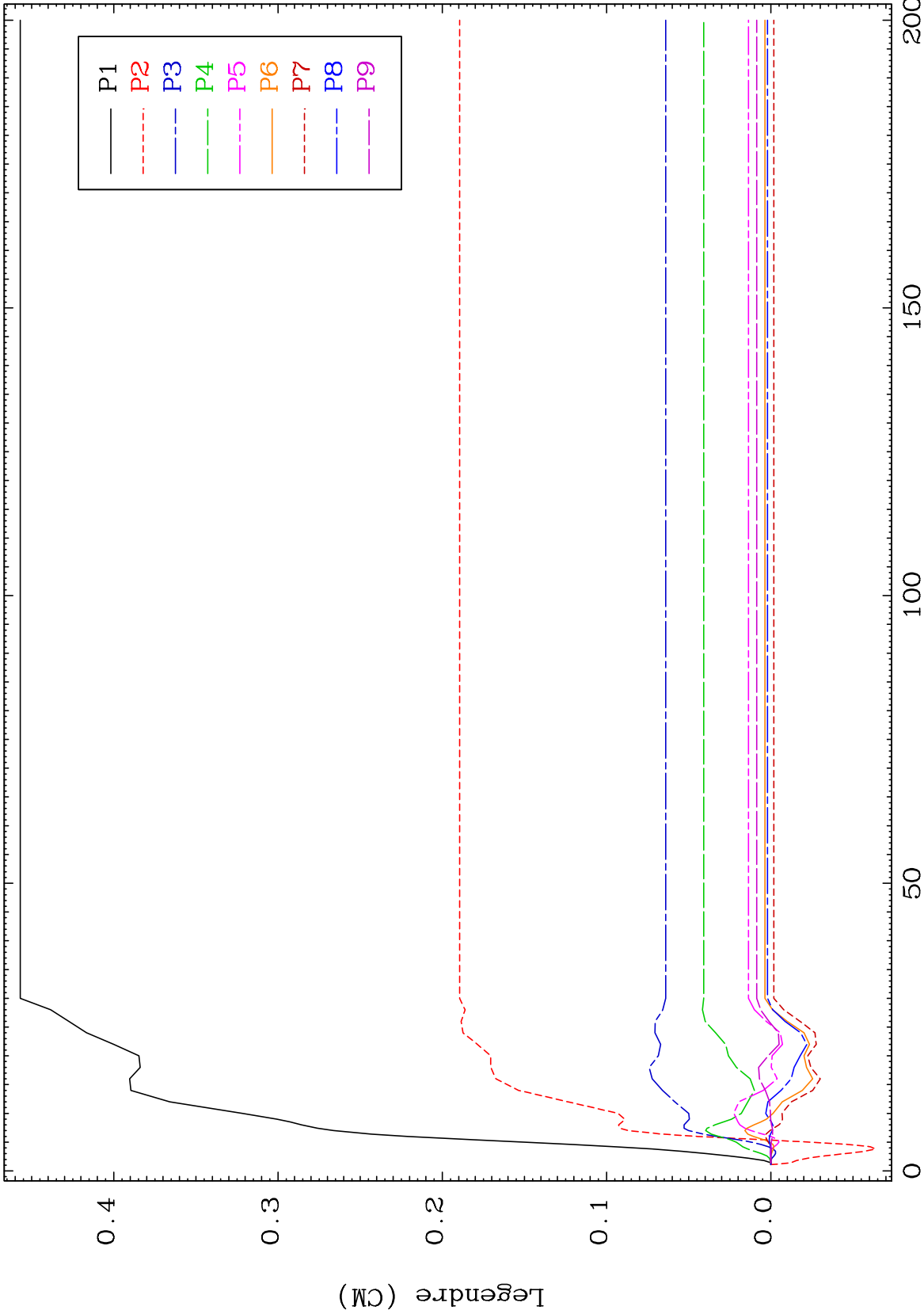
Incident Energy (MeV)

55-Cs-140

MAT 5546

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

55-Cs-140



55-Cs-140

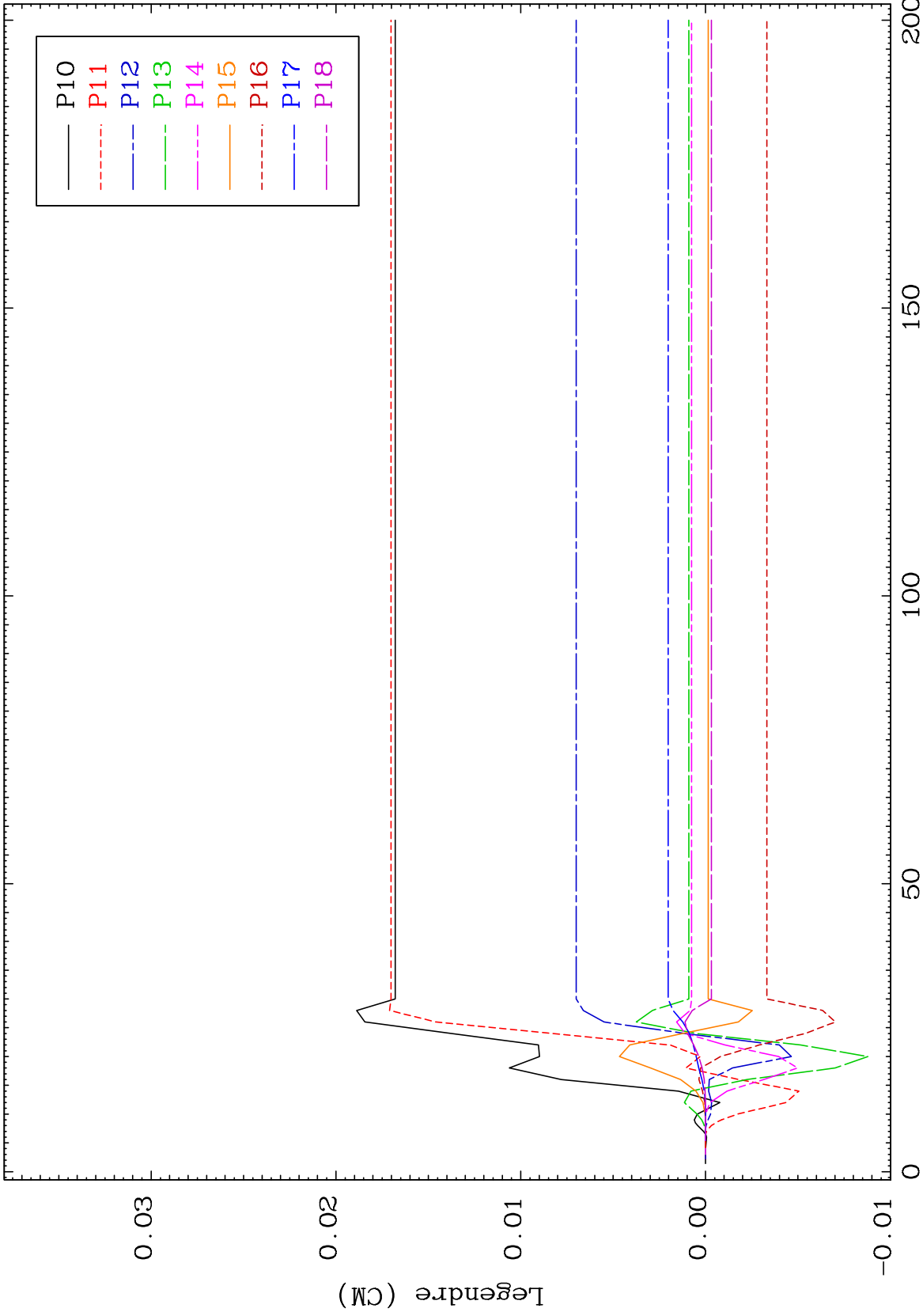
Incident Energy (MeV)

106

MAT 5546

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

55-Cs-140

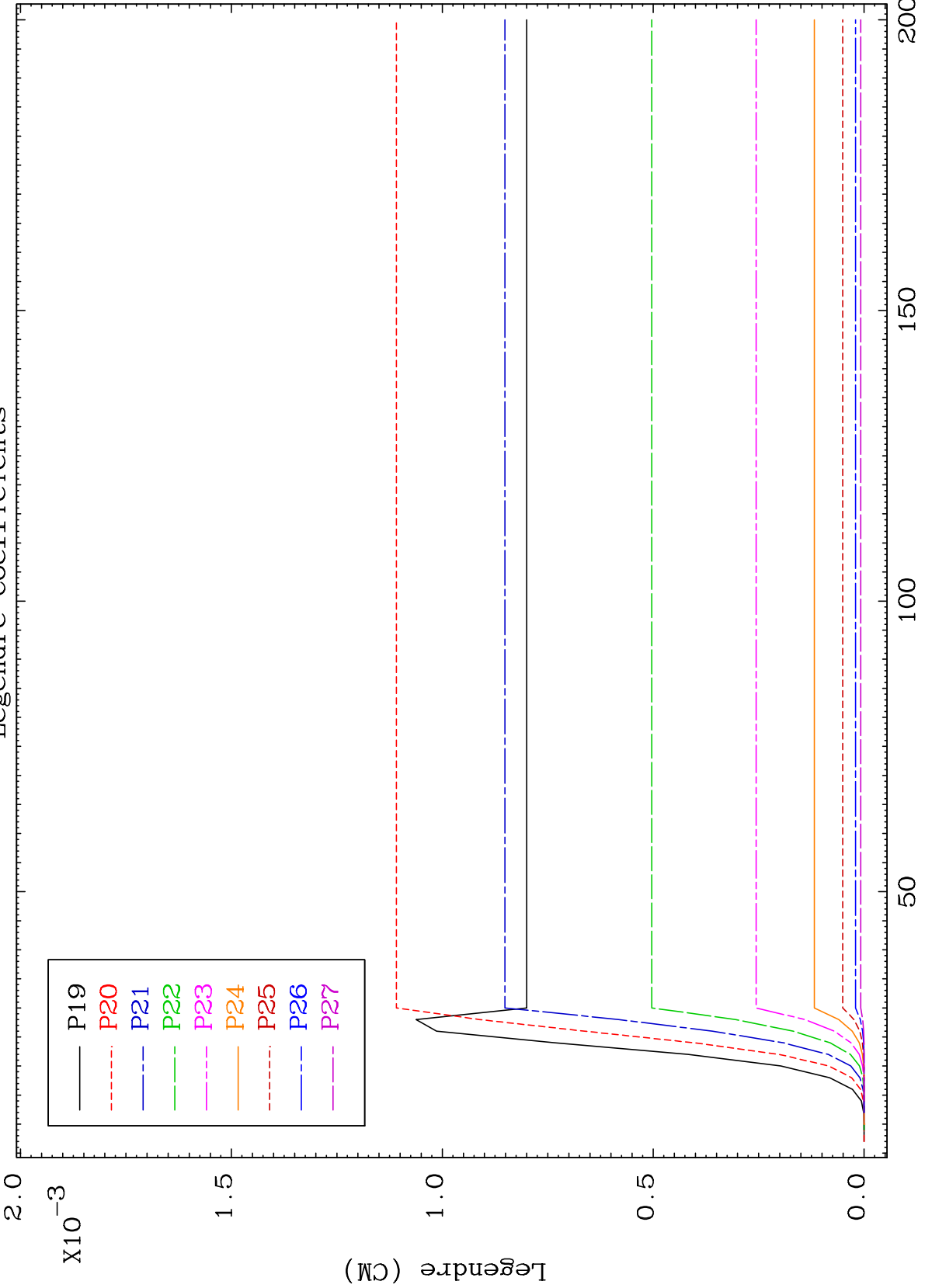


107

Incident Energy (MeV)

55-Cs-140

MAT 5546 MT= 75 (n,n') Level Legendre Coefficients 55-Cs-140

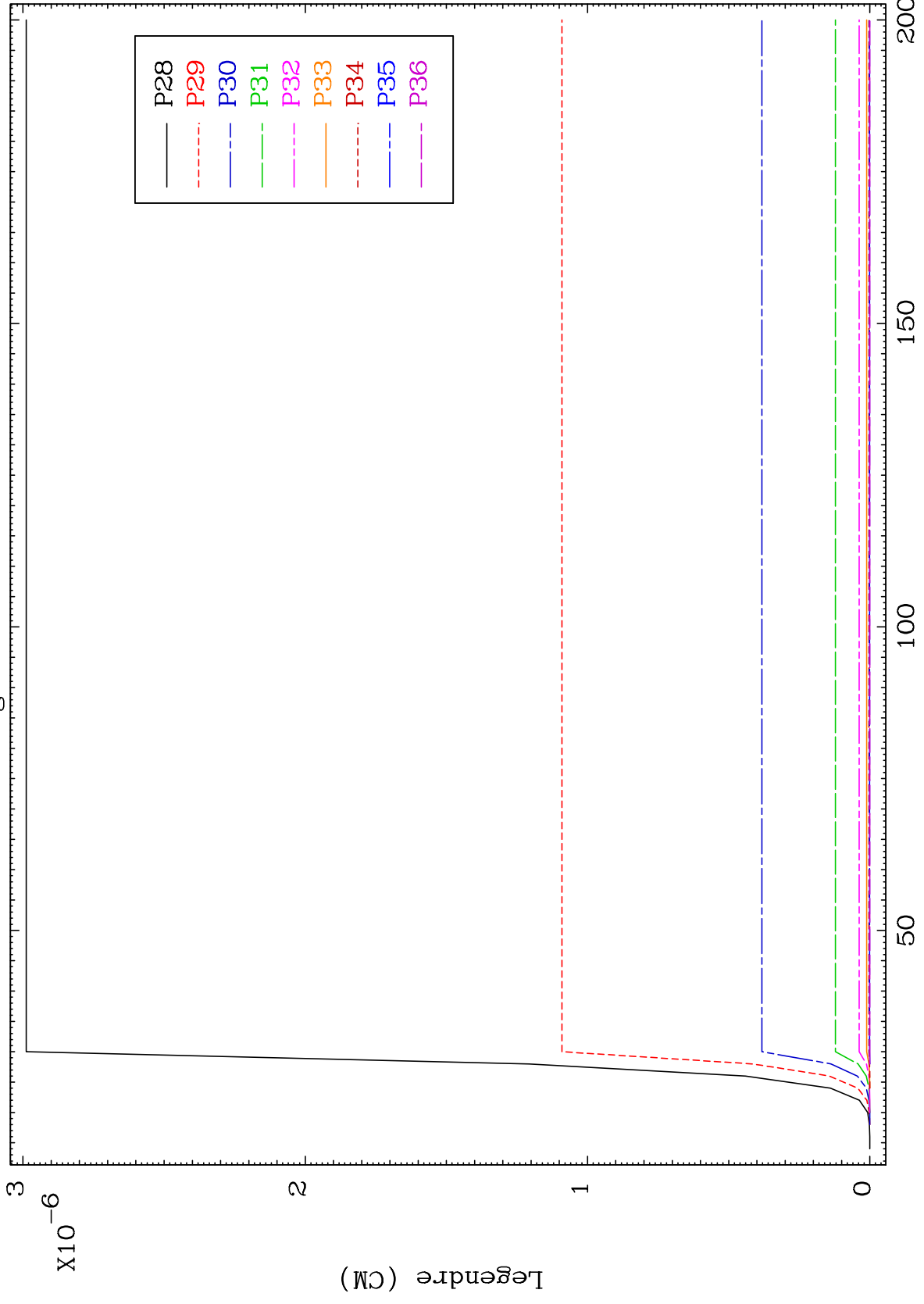


55-Cs-140

Incident Energy (MeV)

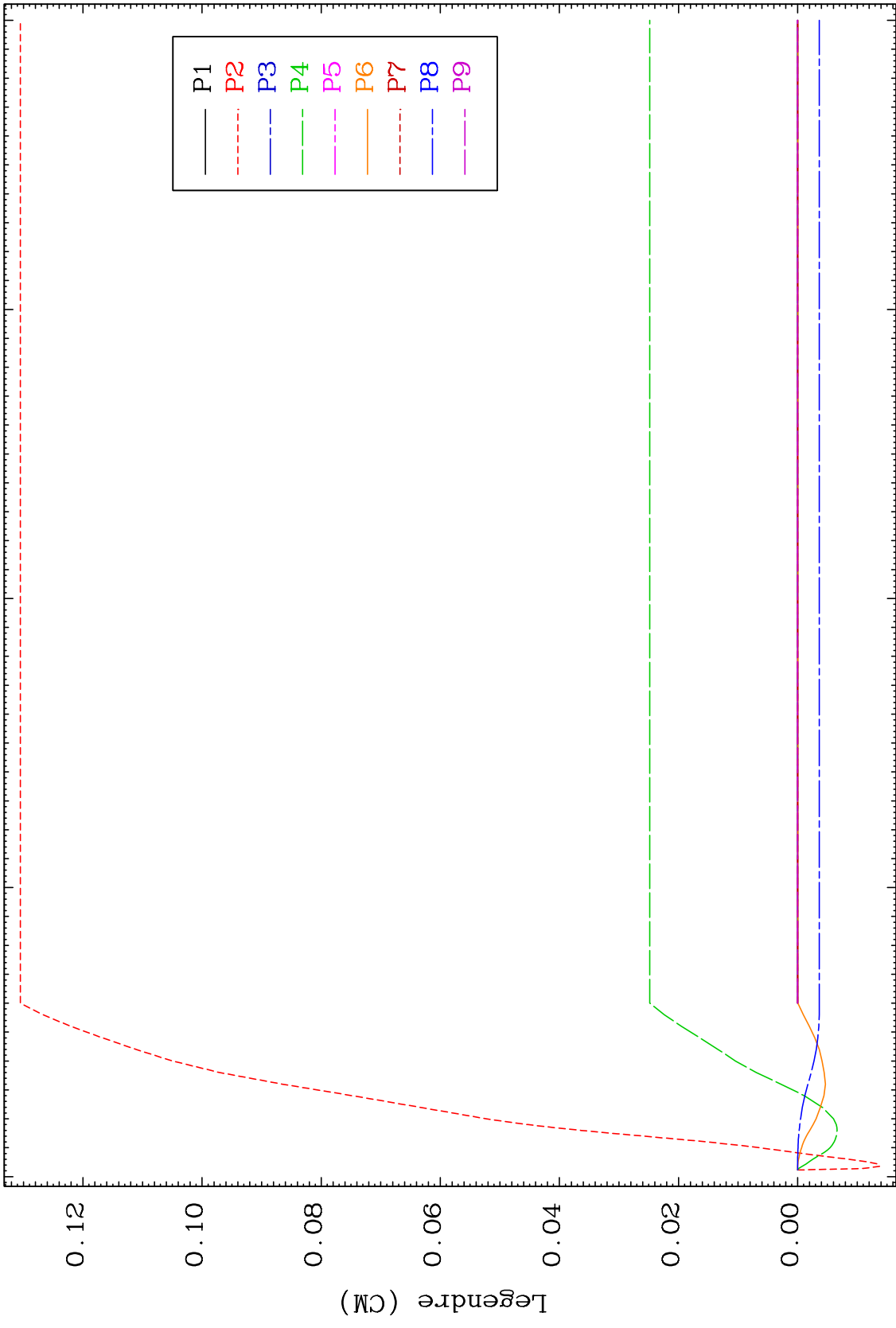
108

MAT 5546 MT= 75 (n,n') Level Legendre Coefficients 55-Cs-140



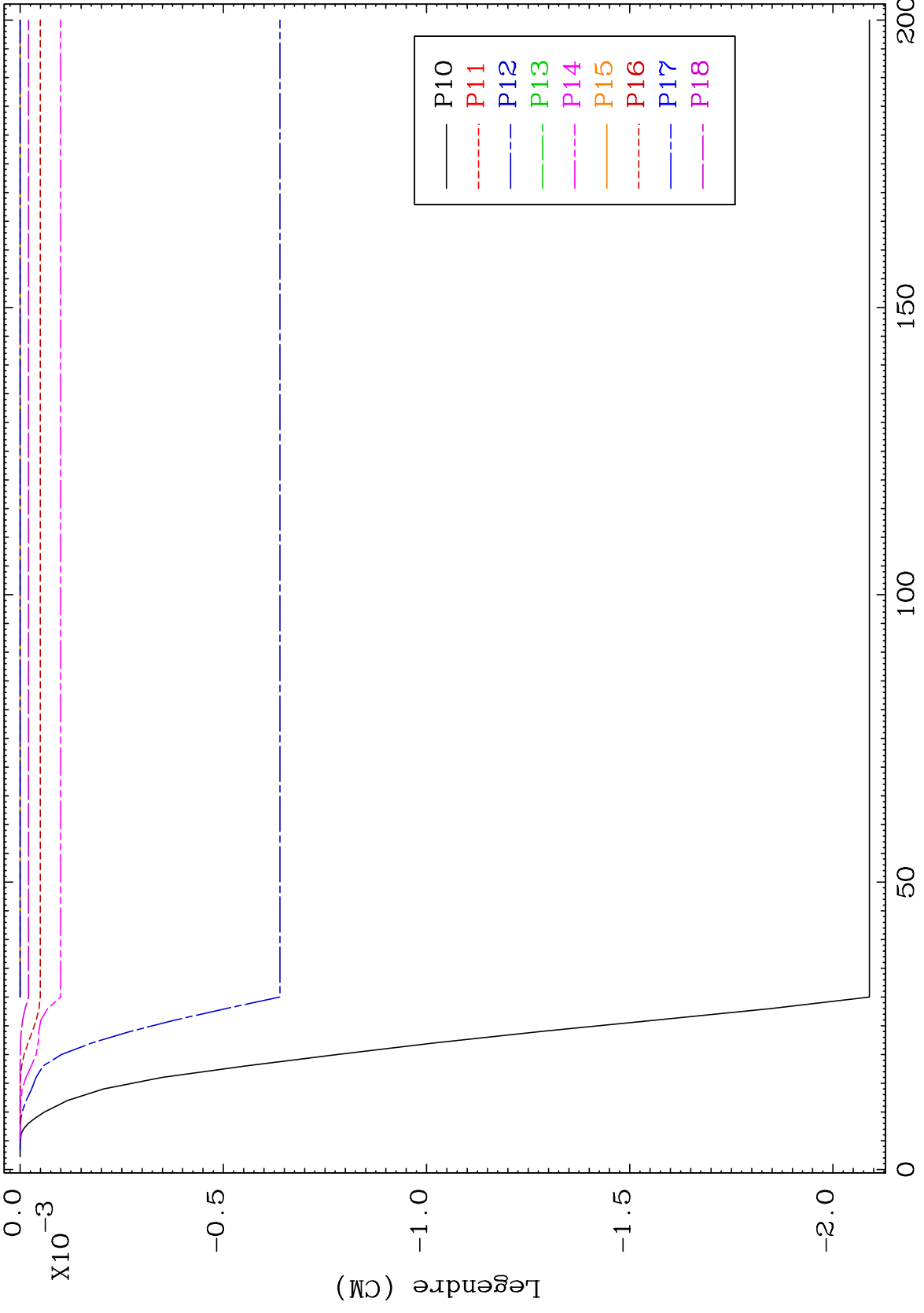
Legendre (CM) Incident Energy (MeV) 55-Cs-140

MAT 5546 MT= 76 (n,n') Level Legendre Coefficients 55-Cs-140



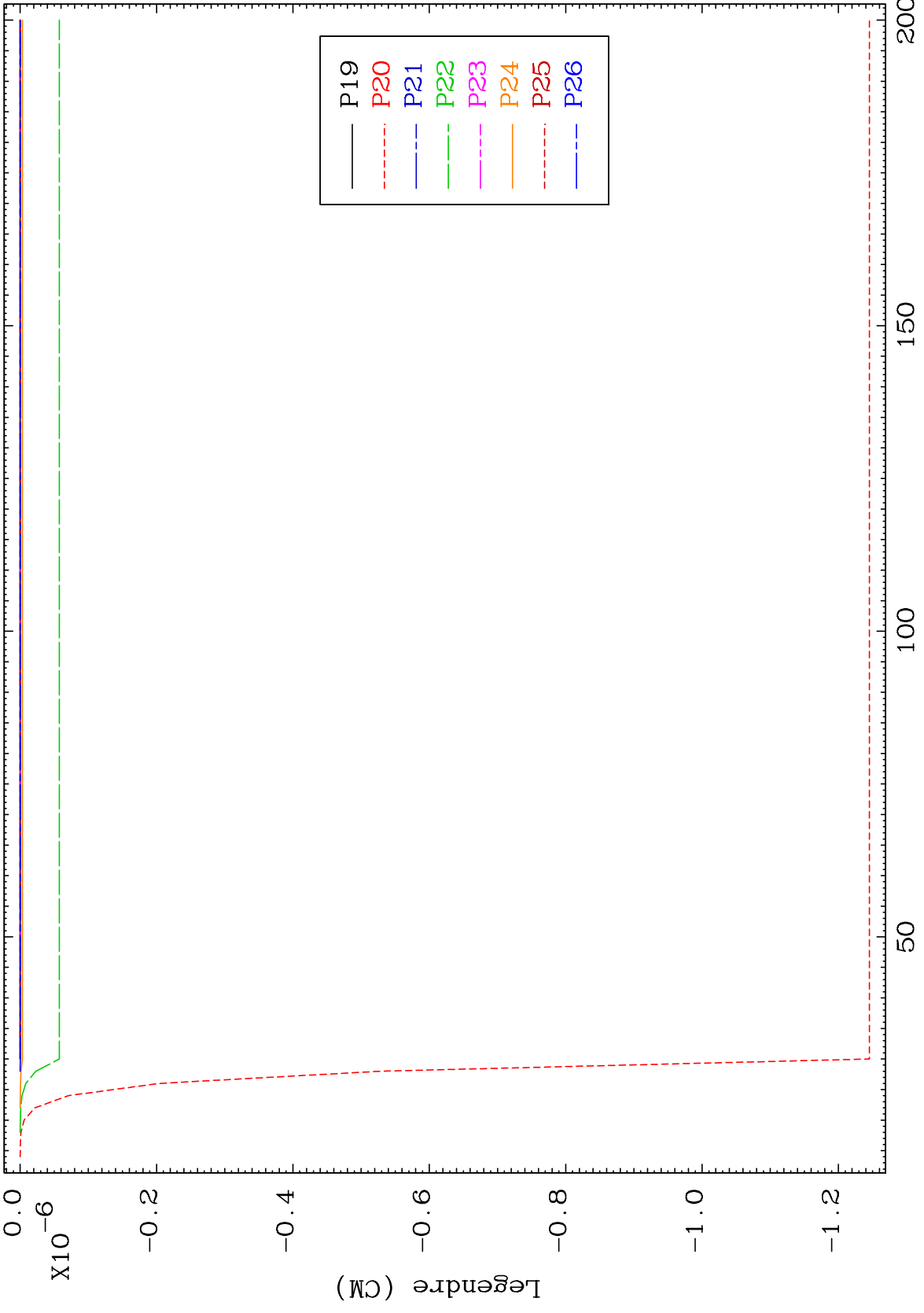
Legendre (CM) Incident Energy (MeV) 55-Cs-140

MAT 5546 MT= 76 (n,n') Level Legendre Coefficients 55-Cs-140



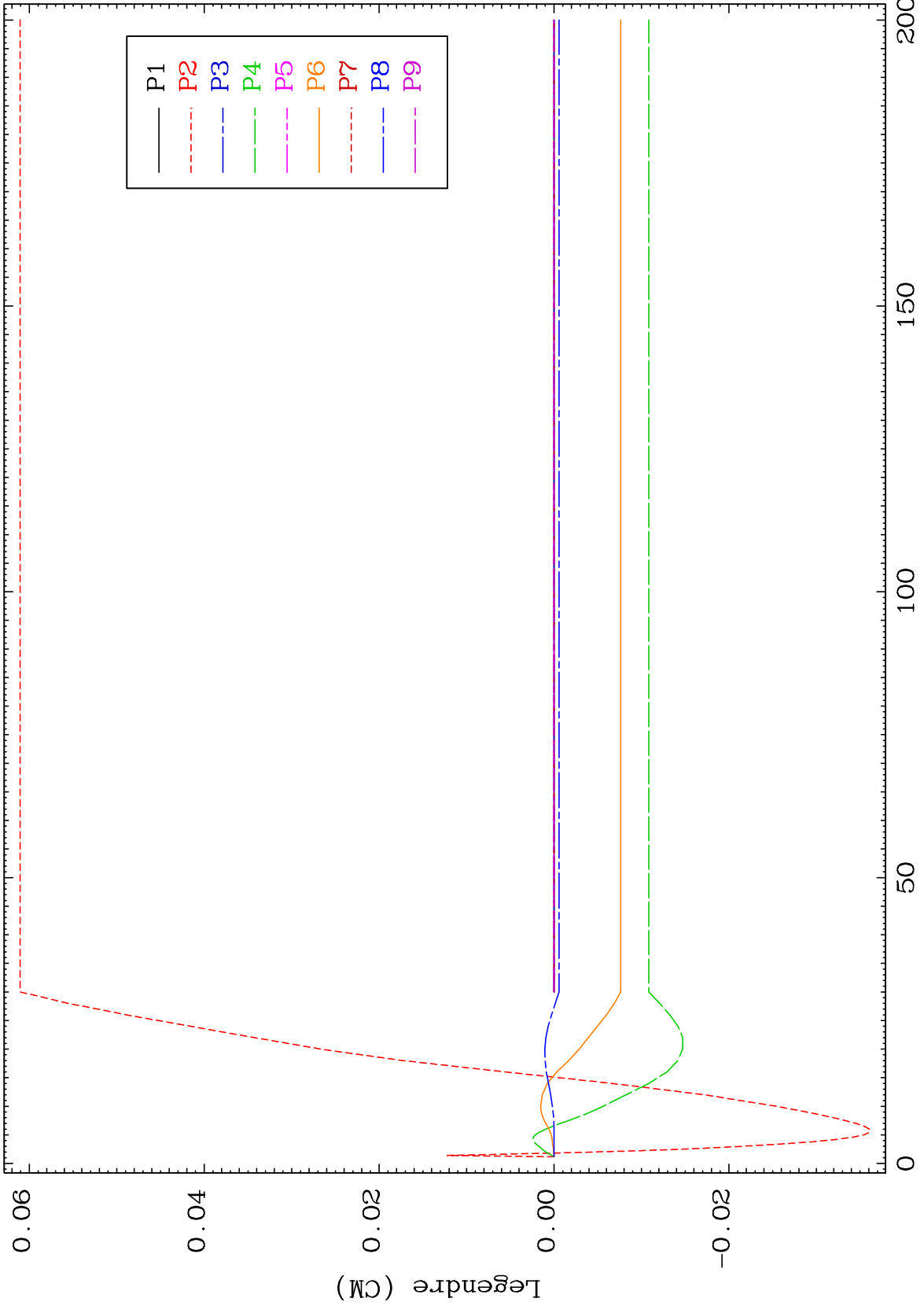
111 55-Cs-140

MAT 5546 MT= 76 (n,n') Level Legendre Coefficients 55-Cs-140



112 55-Cs-140

MAT 5546 MT= 77 (n,n') Level Legendre Coefficients 55-Cs-140

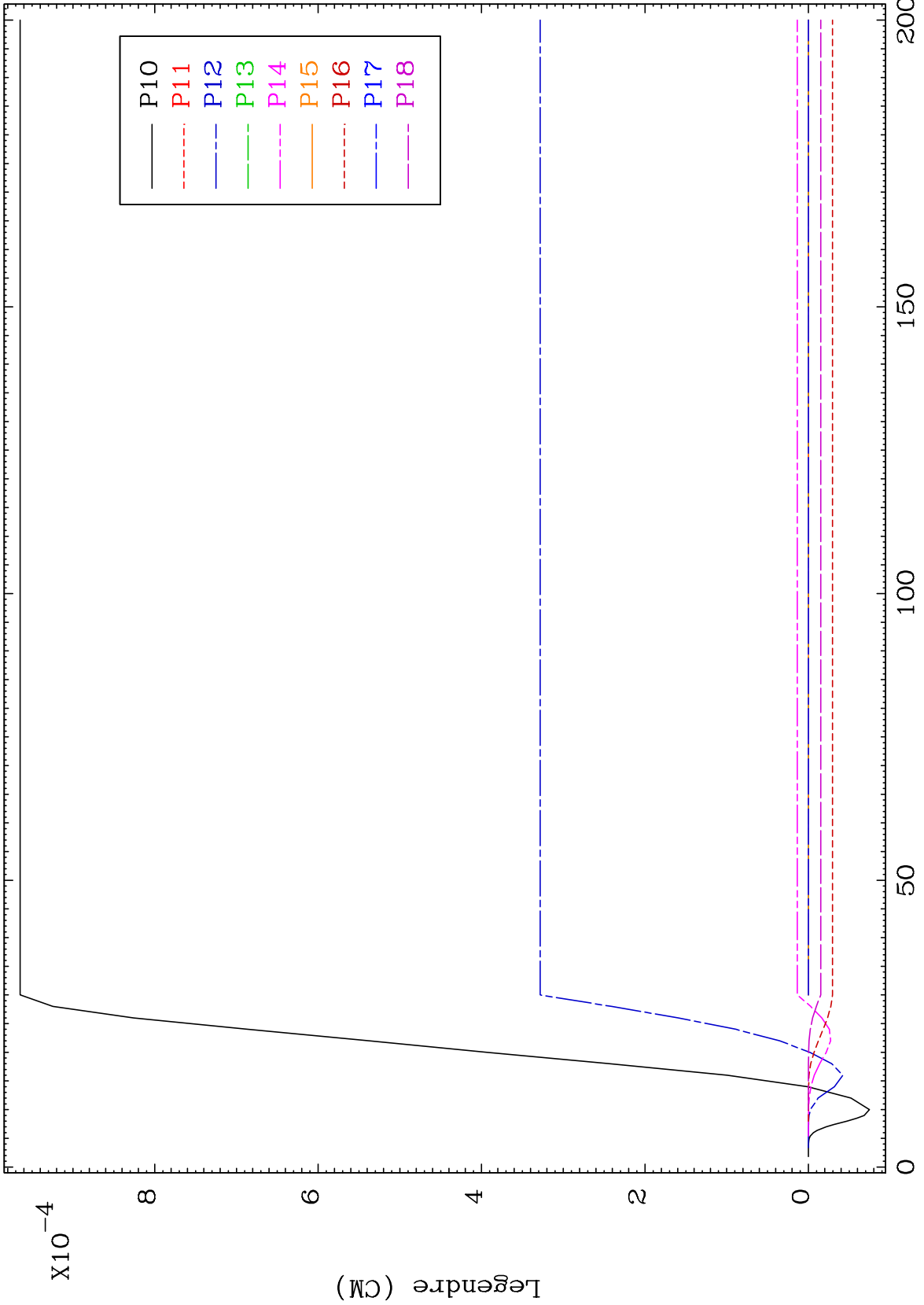


113 Incident Energy (MeV) 55-Cs-140

MAT 5546

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

55-Cs-140

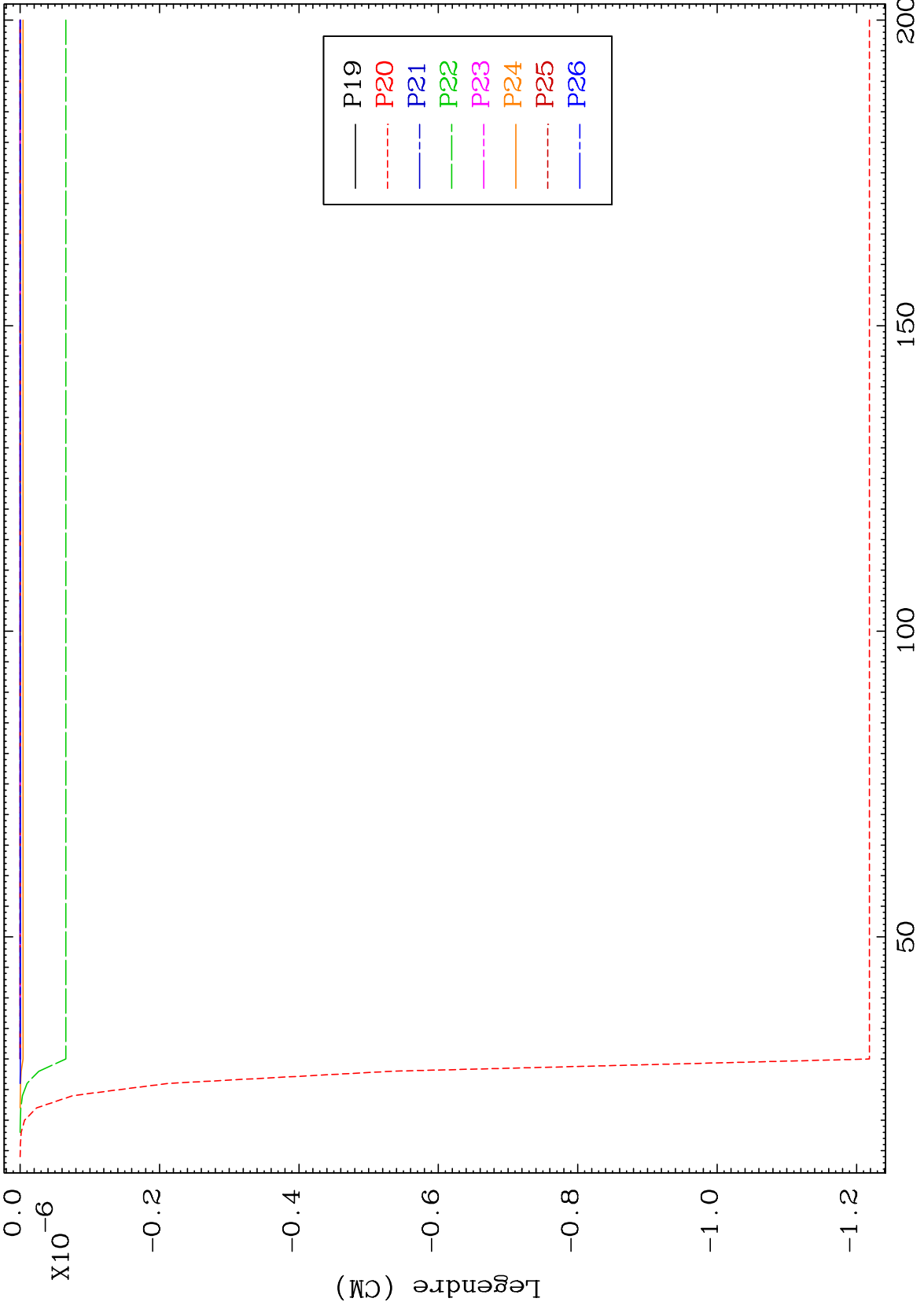


114

Incident Energy (MeV)

55-Cs-140

MAT 5546 MT= 77 (n,n') Level Legendre Coefficients 55-Cs-140

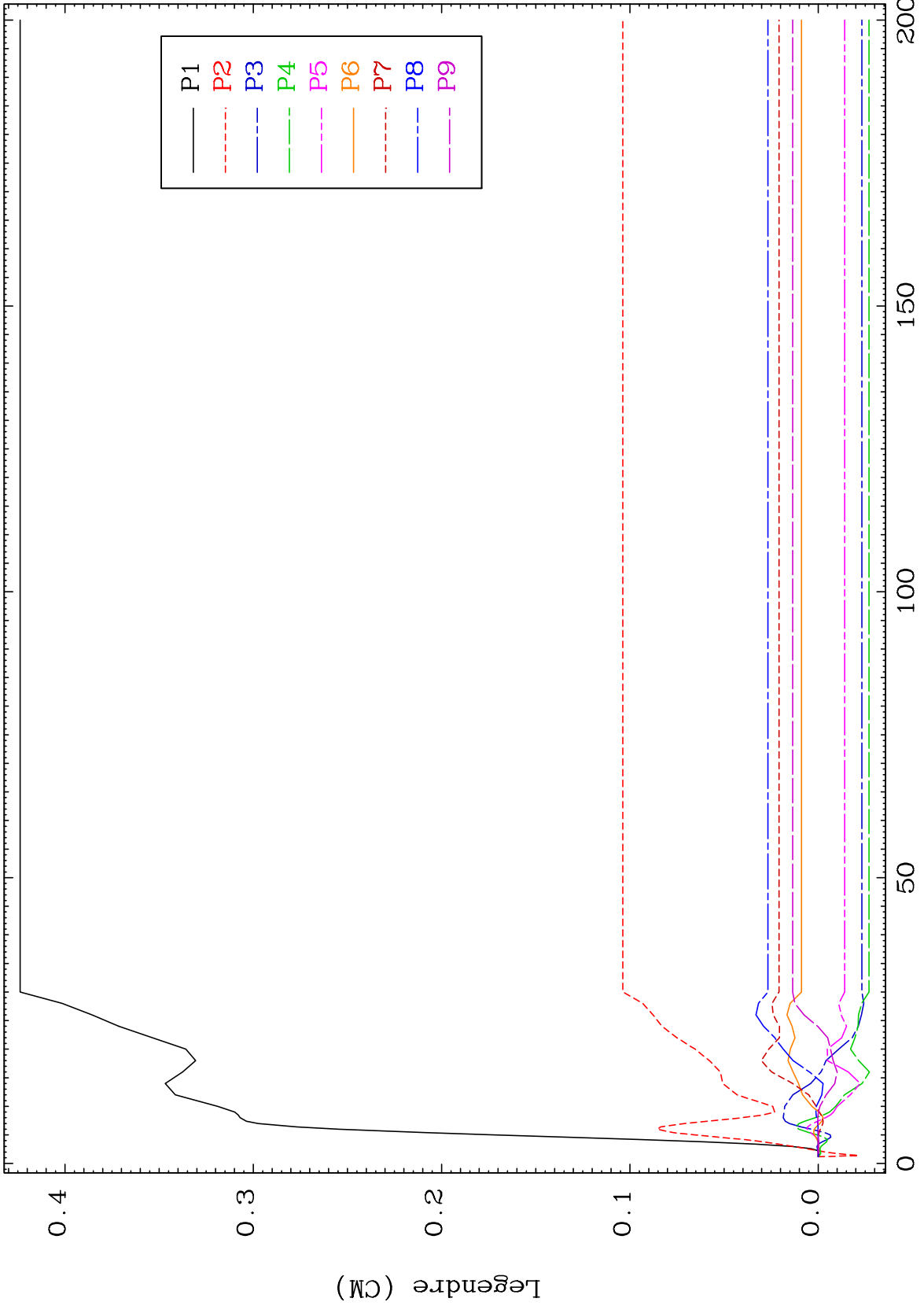


115 55-Cs-140

MAT 5546

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

55-Cs-140

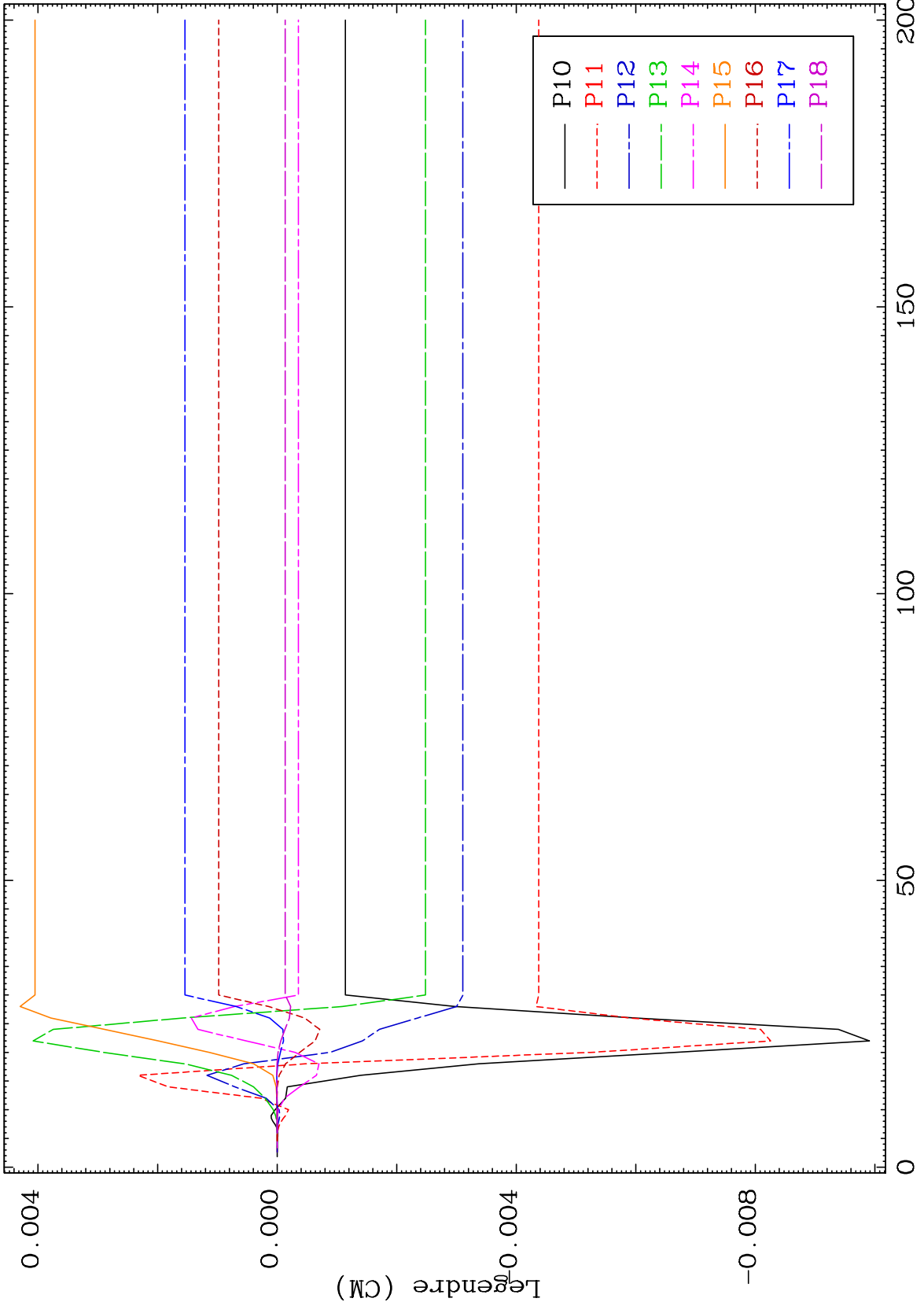


116

Incident Energy (MeV)

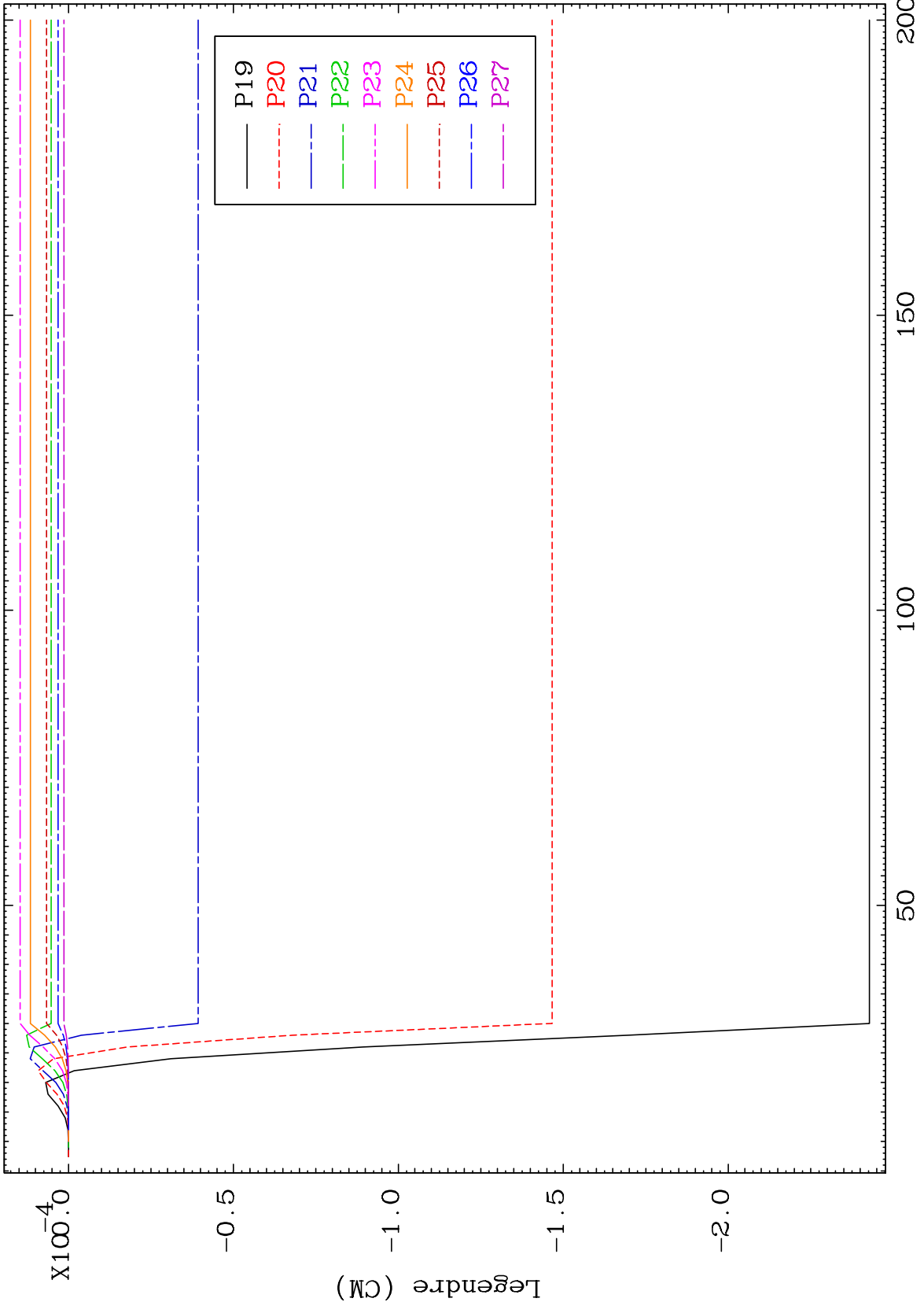
55-Cs-140

MAT 5546 MT= 78 (n,n') Level Legendre Coefficients 55-Cs-140

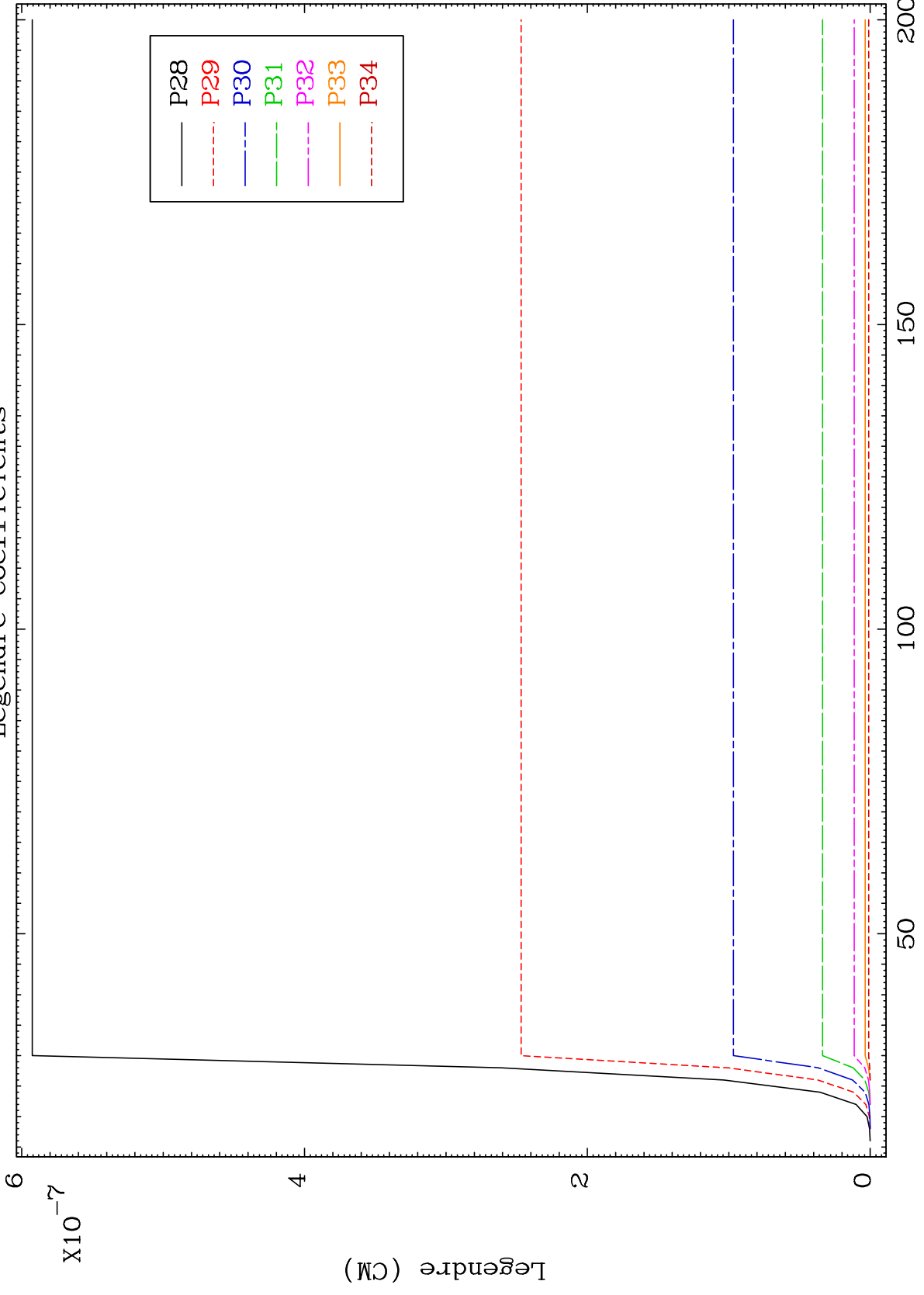


117 55-Cs-140

MAT 5546 MT= 78 (n,n') Level Legendre Coefficients 55-Cs-140



MAT 5546 MT= 78 (n,n') Level Legendre Coefficients 55-Cs-140

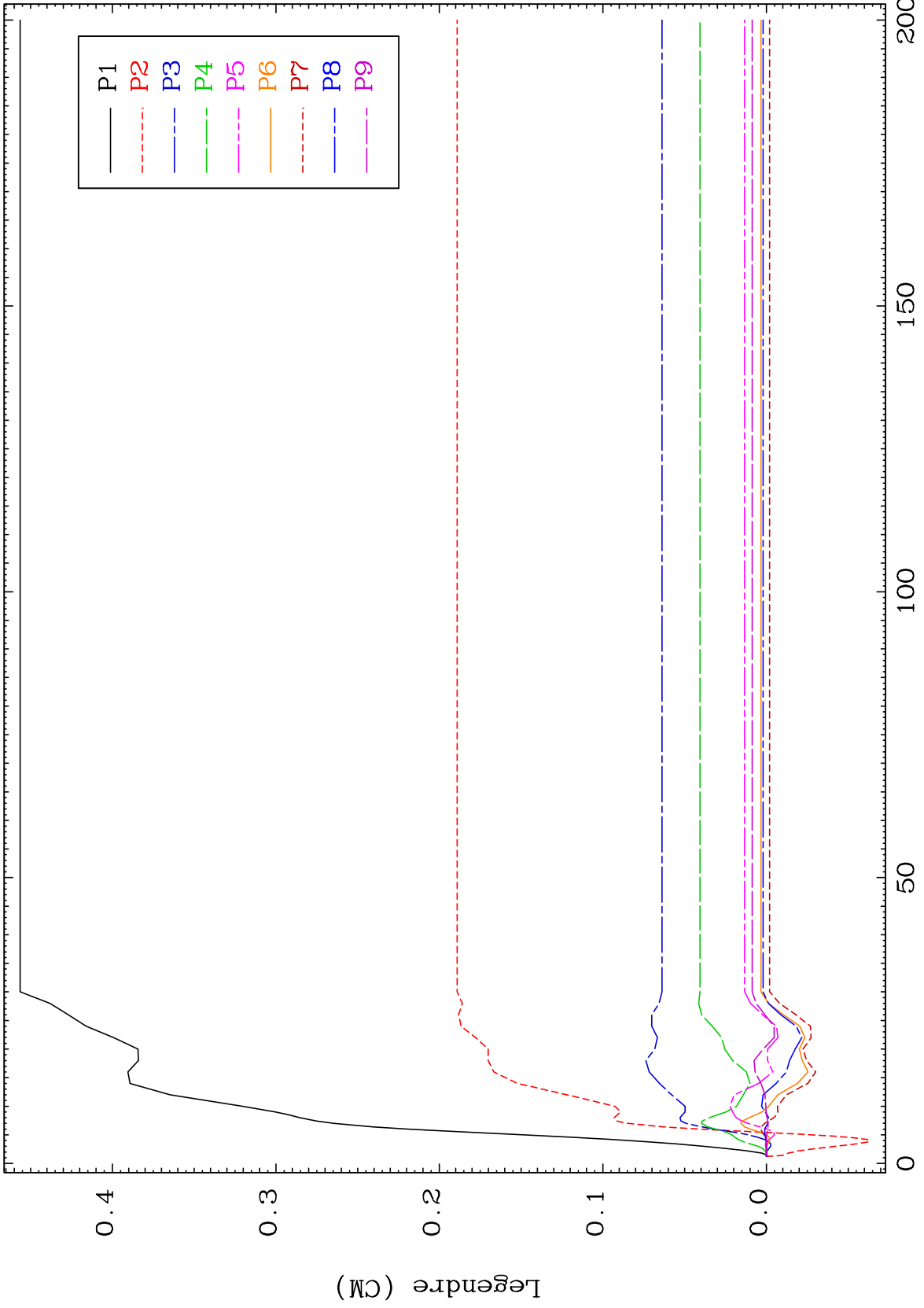


119 55-Cs-140

MAT 5546

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

55-Cs-140



55-Cs-140

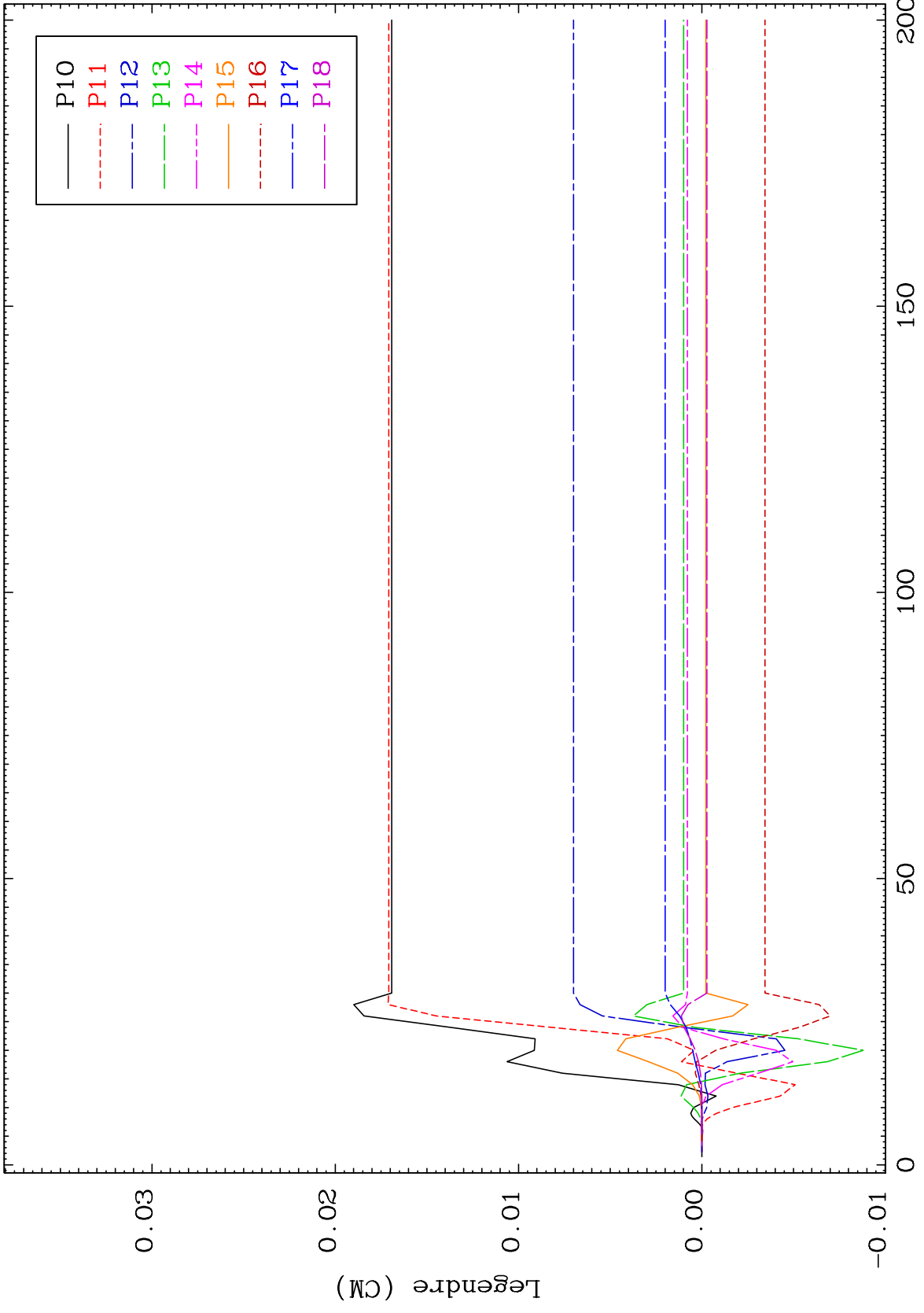
Incident Energy (MeV)

120

MAT 5546

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

55-Cs-140

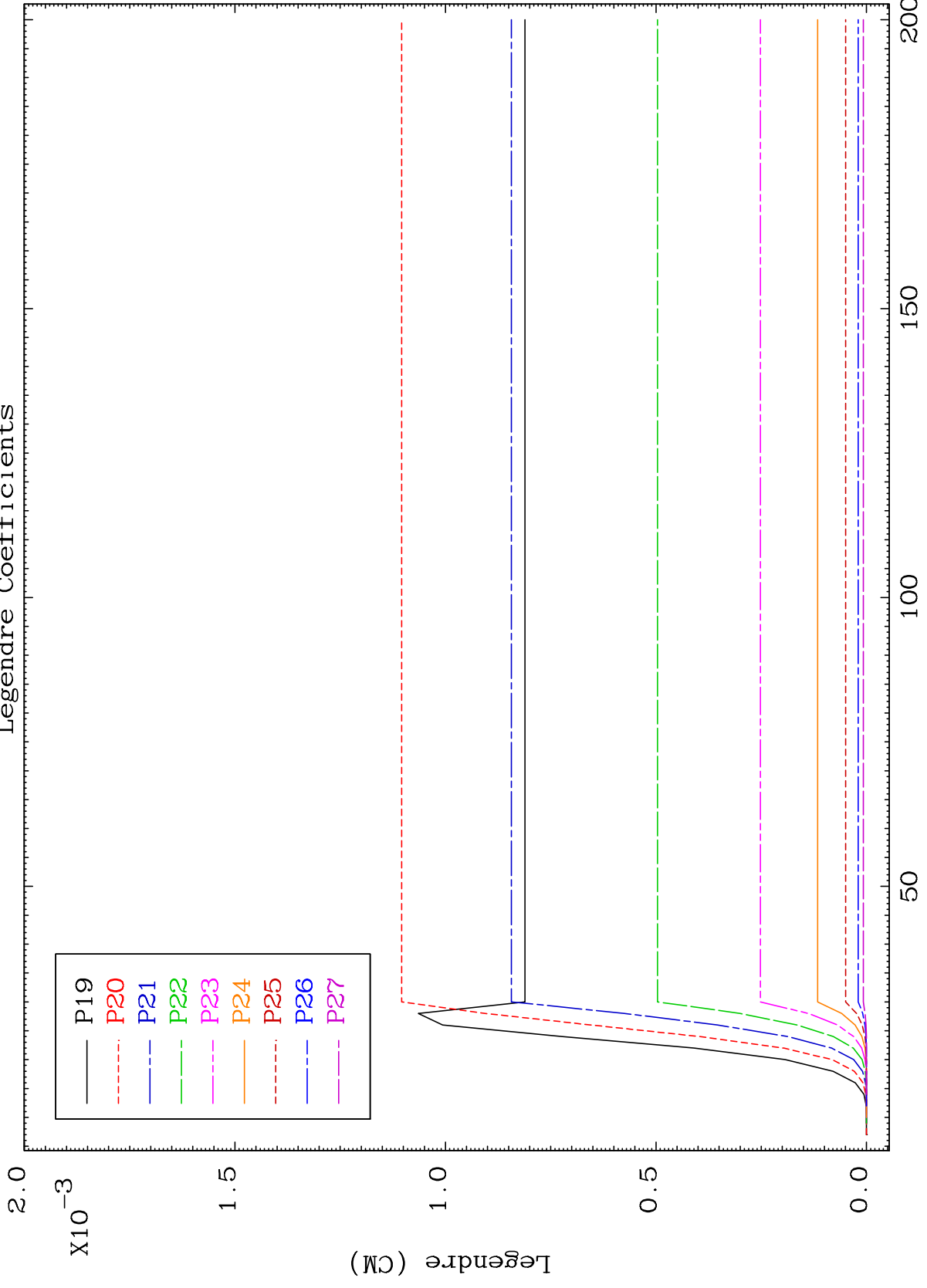


121

Incident Energy (MeV)

55-Cs-140

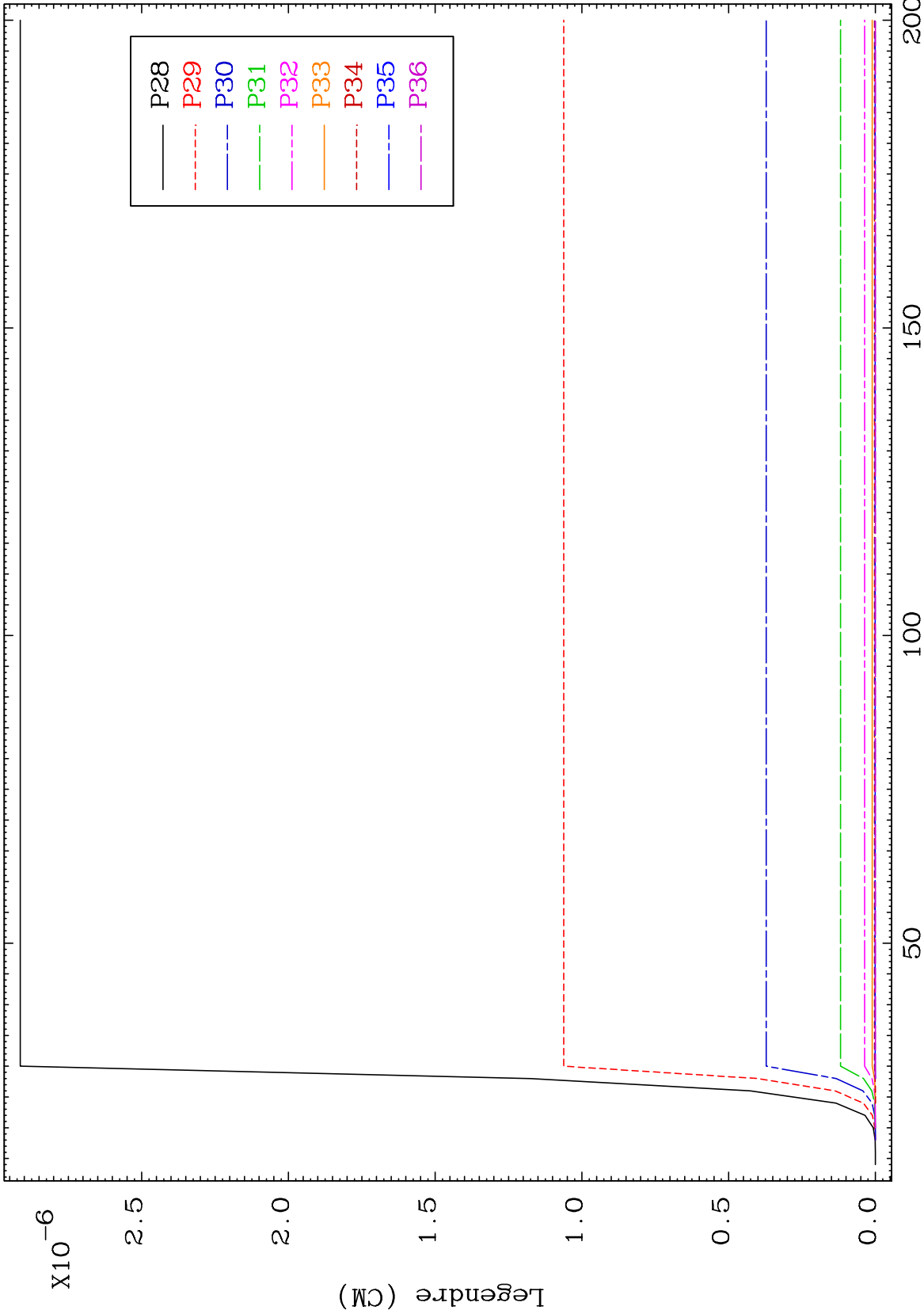
MAT 5546 MT= 79 (n,n') Level Legendre Coefficients 55-Cs-140



MAT 5546

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

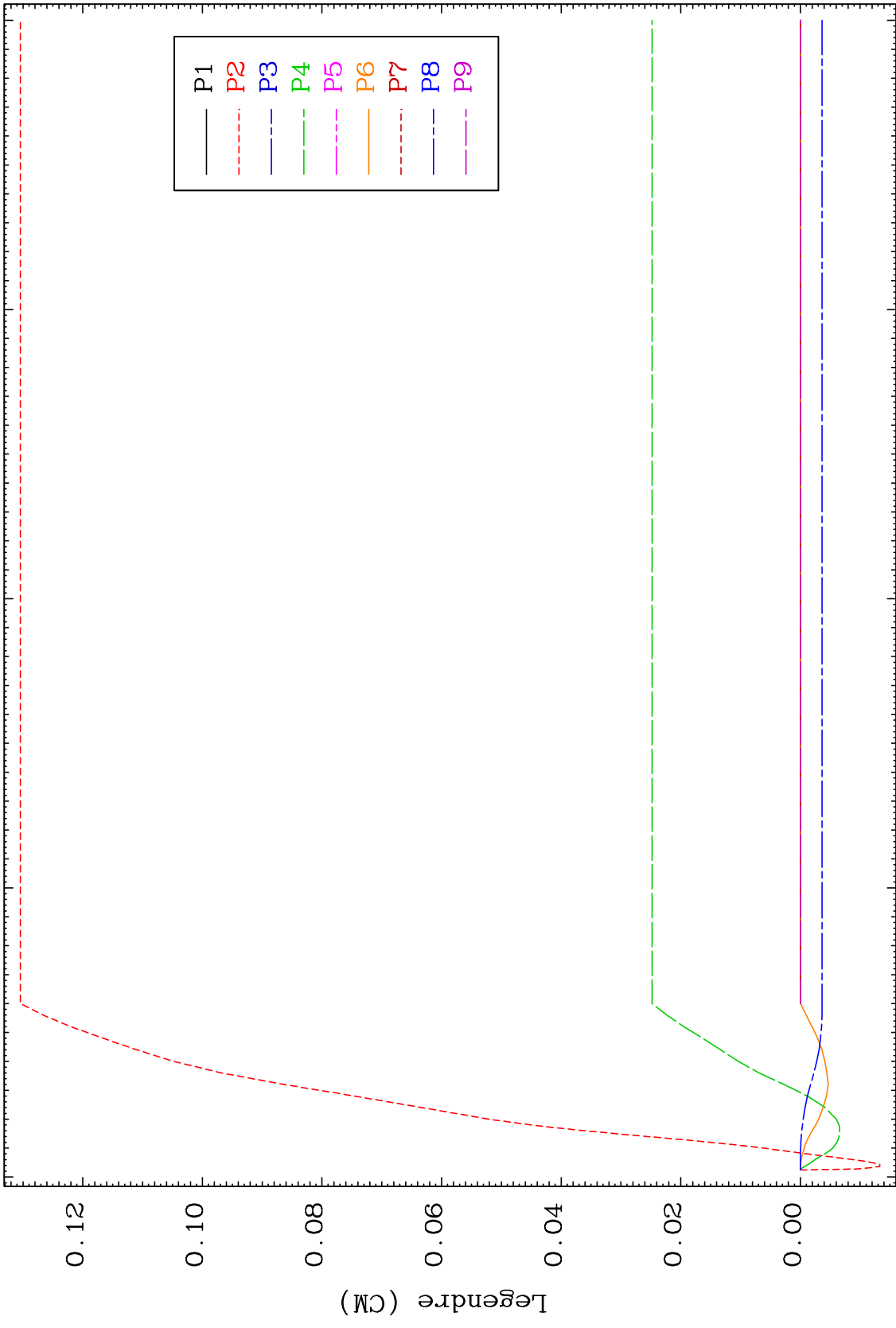
55-Cs-140



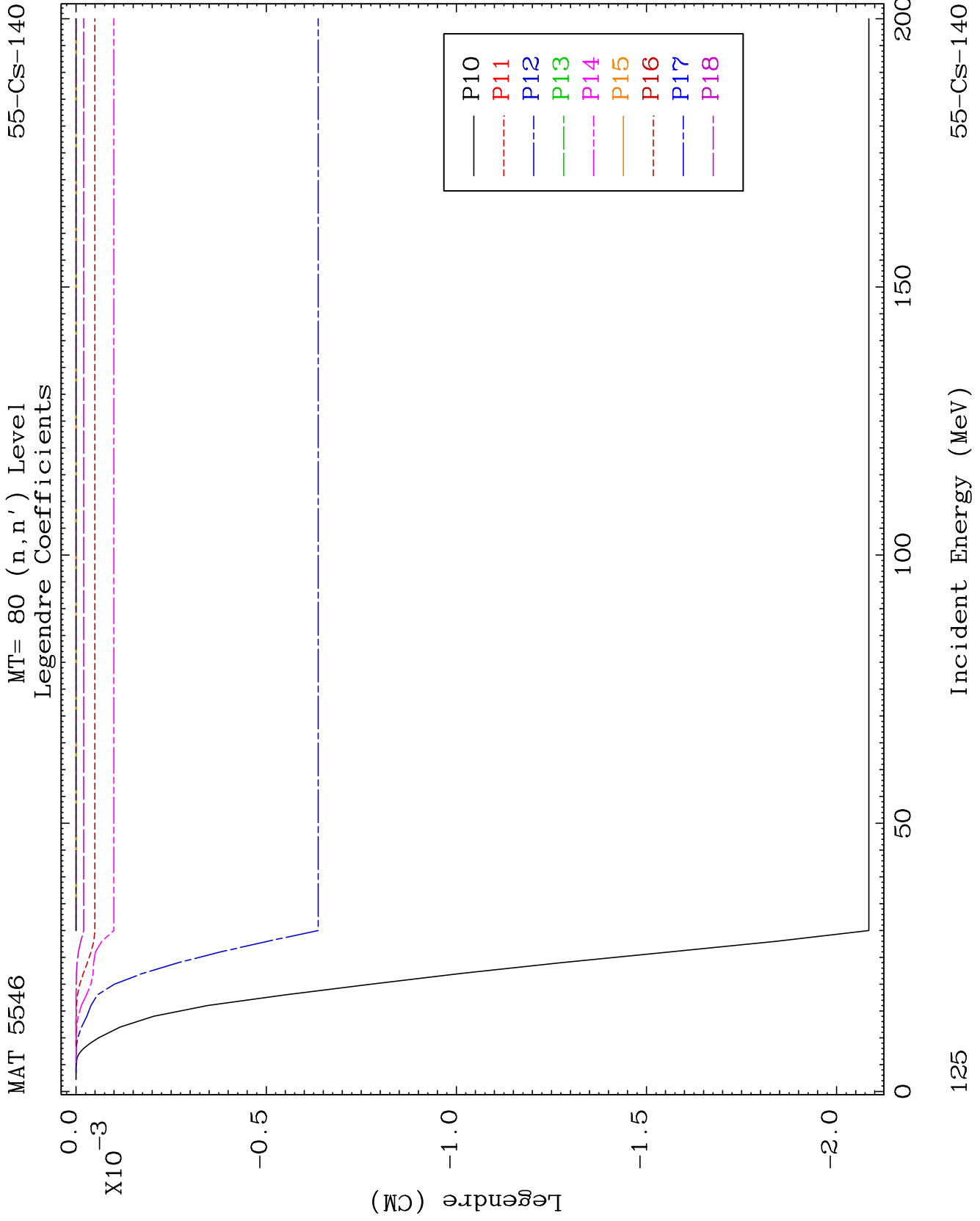
123

55-Cs-140

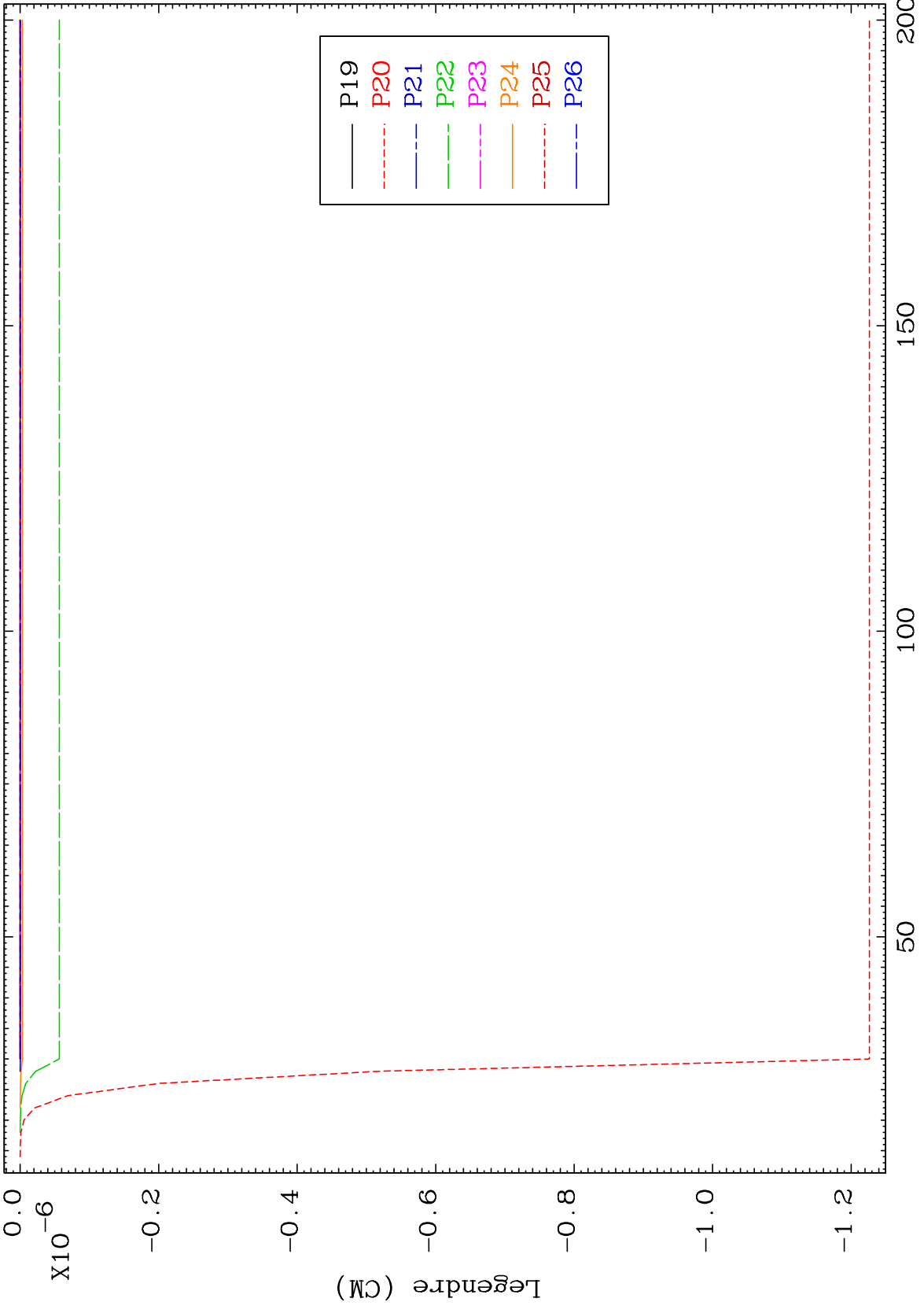
MAT 5546 MT= 80 (n,n') Level Legendre Coefficients 55-Cs-140



124 Incident Energy (MeV) 55-Cs-140



MAT 5546 MT= 80 (n,n') Level Legendre Coefficients 55-Cs-140



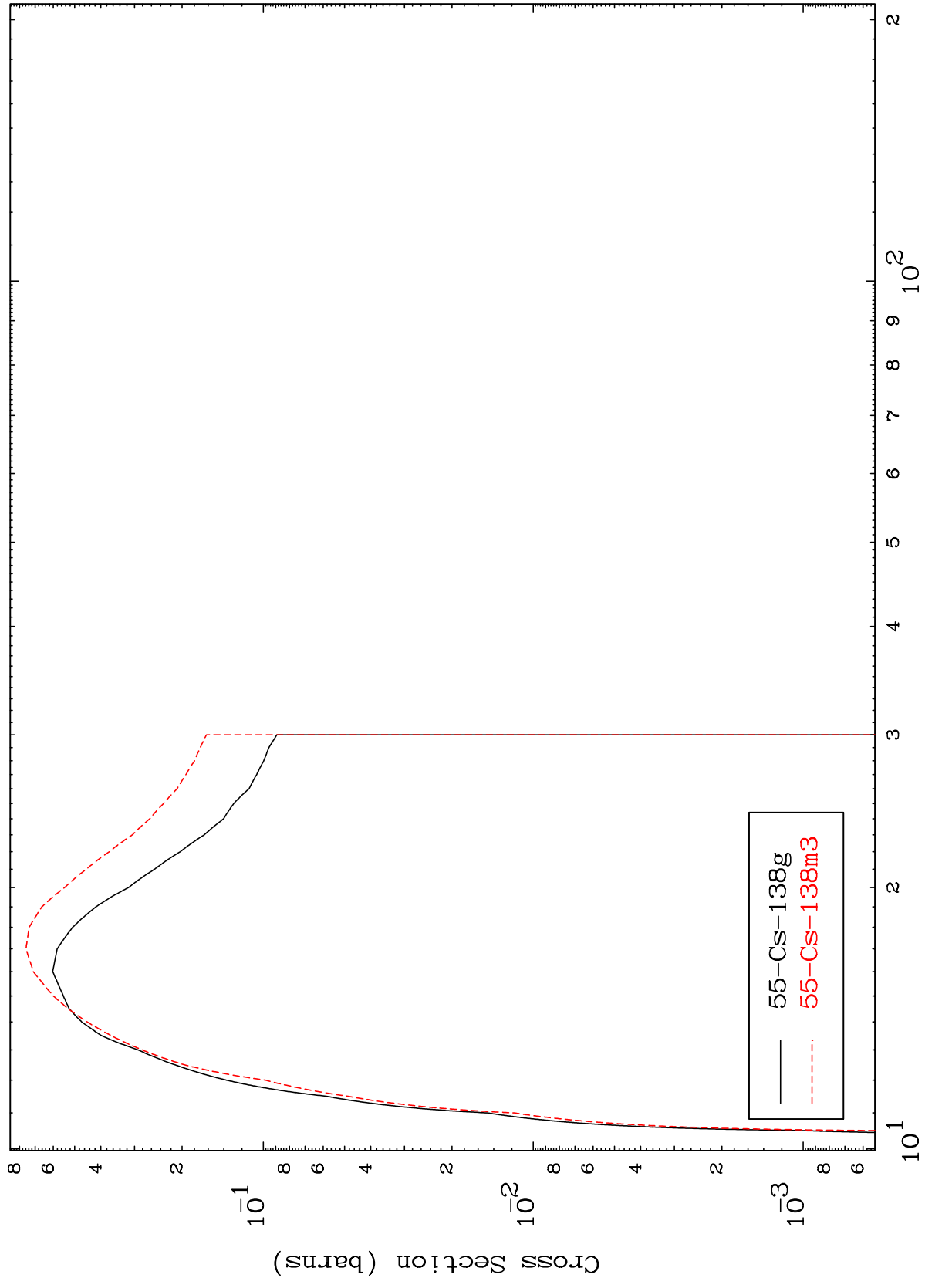
126 55-Cs-140

MAT 5546

(n,3n)

55-Cs-140

Radionuclide Production Cross Section



127

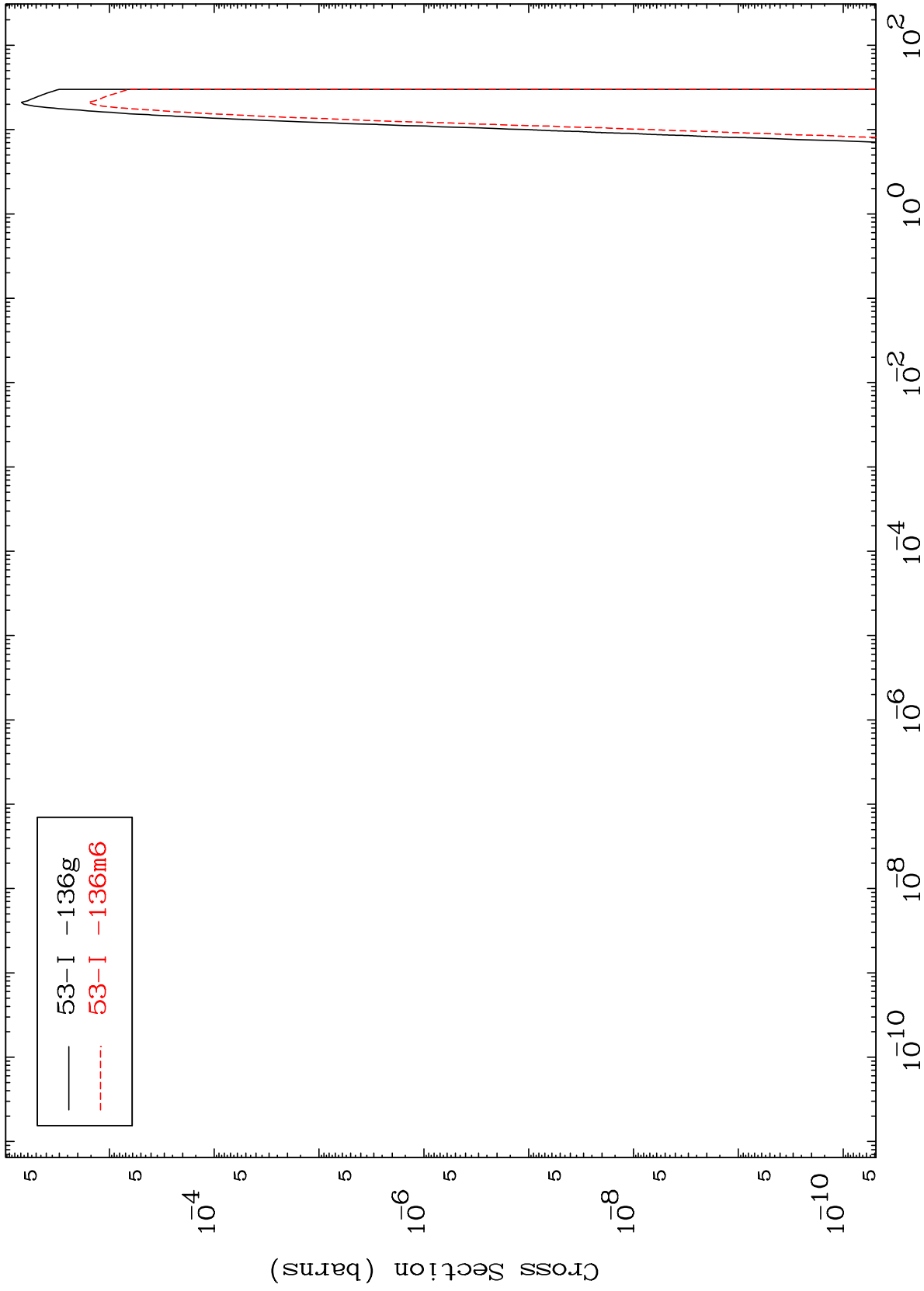
55-Cs-140

MAT 5546

(n,n') α

55-Cs-140

Radionuclide Production Cross Section

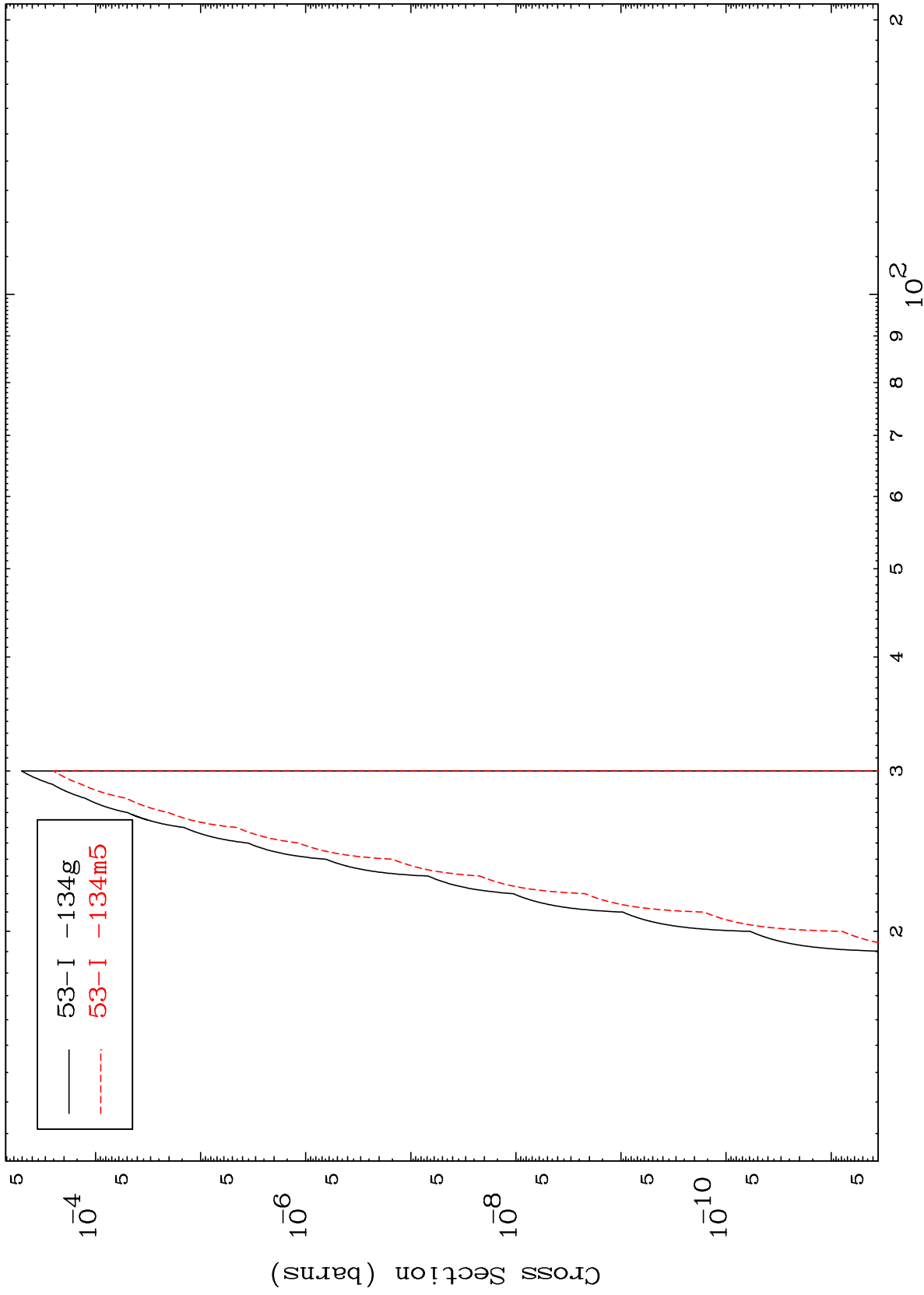


MAT 5546

(n,3n) α

55-Cs-140

Radionuclide Production Cross Section



129

Incident Energy (MeV)

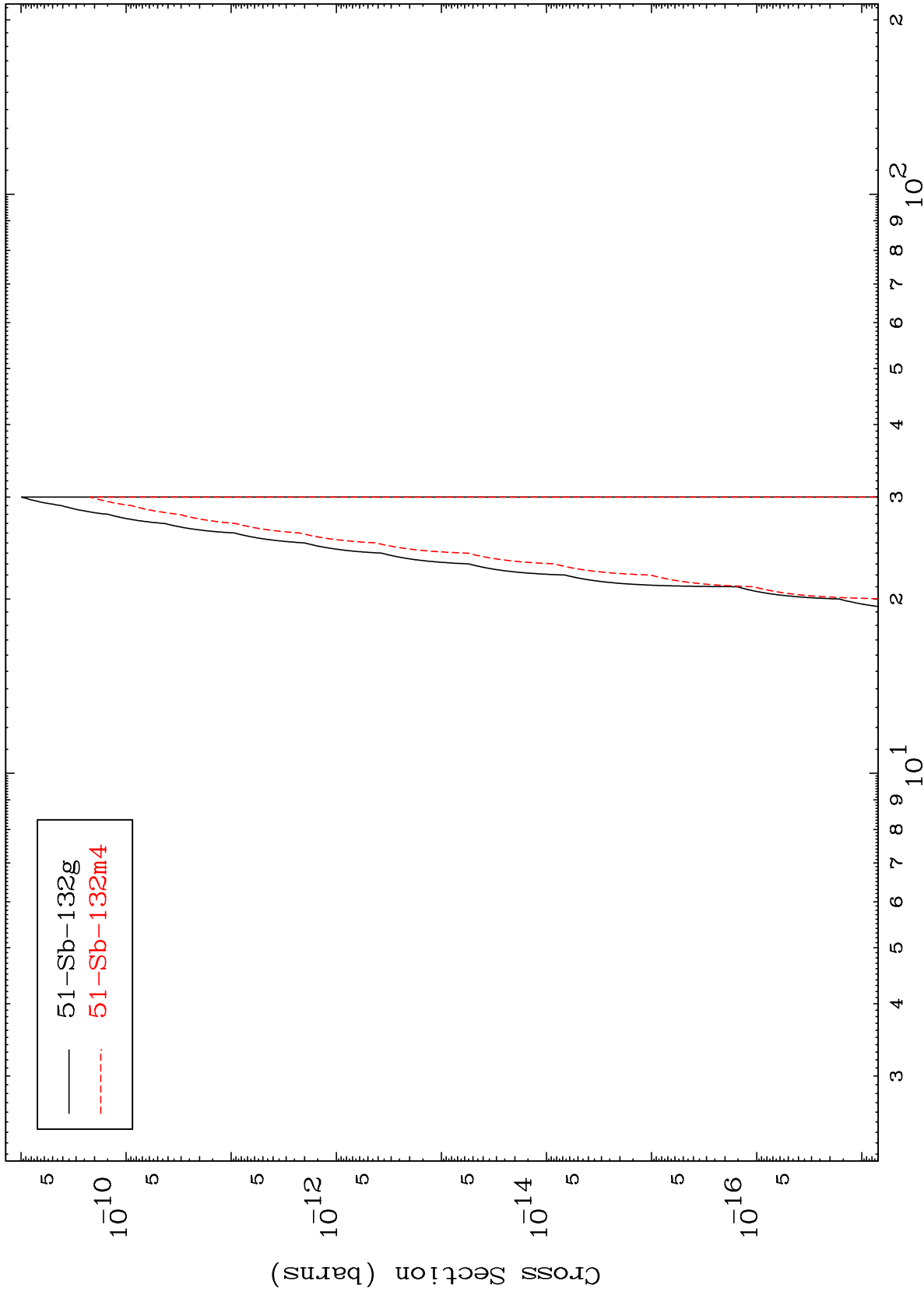
55-Cs-140

MAT 5546

(n,n') 2α

55-Cs-140

Radionuclide Production Cross Section



51-Sb-132g
51-Sb-132m4

130

Incident Energy (MeV)

55-Cs-140