

Program EVALPLOT
(Version 2018-1)

by

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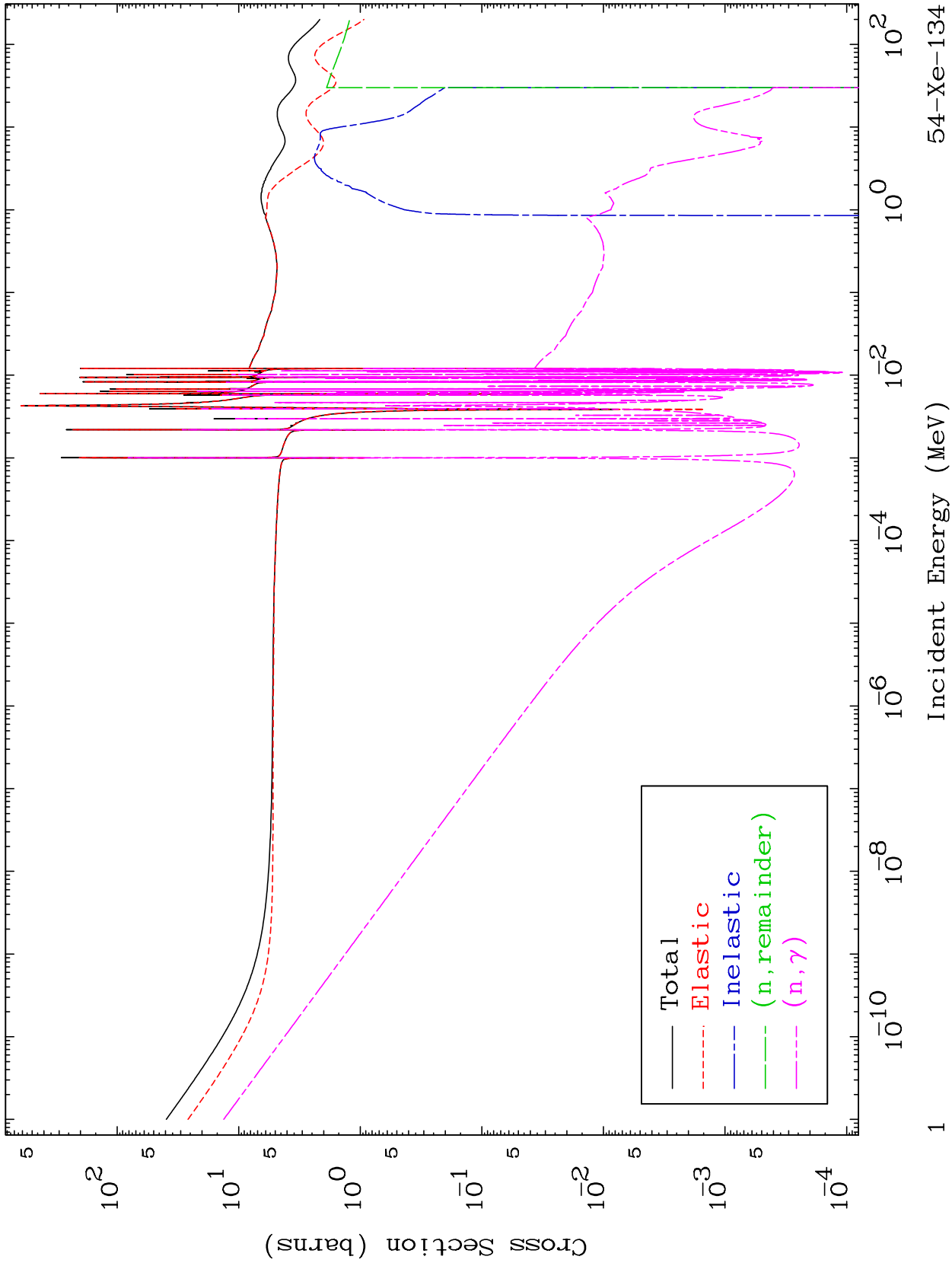
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5455

Major
293 Kelvin Cross Sections

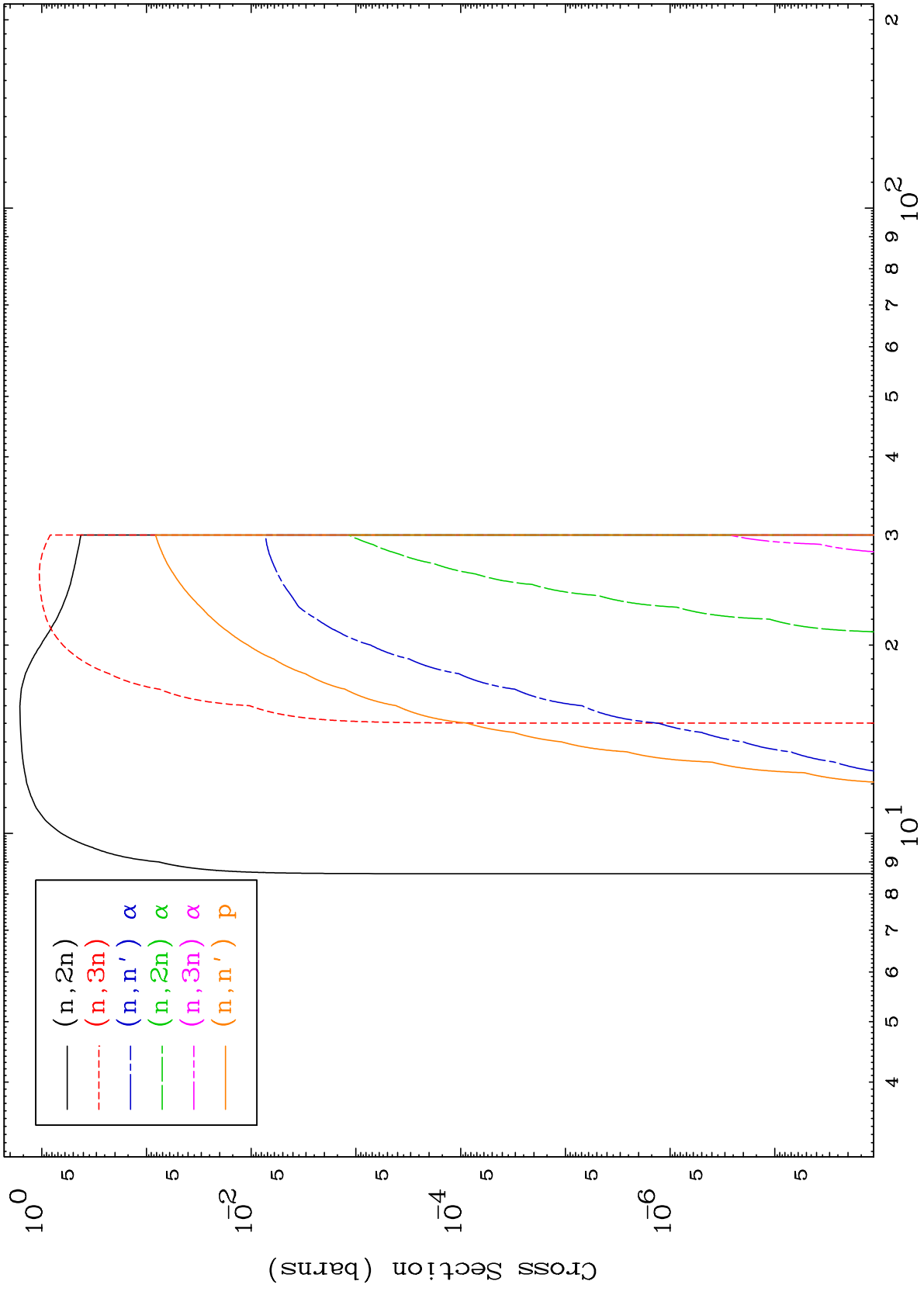
54-Xe-134



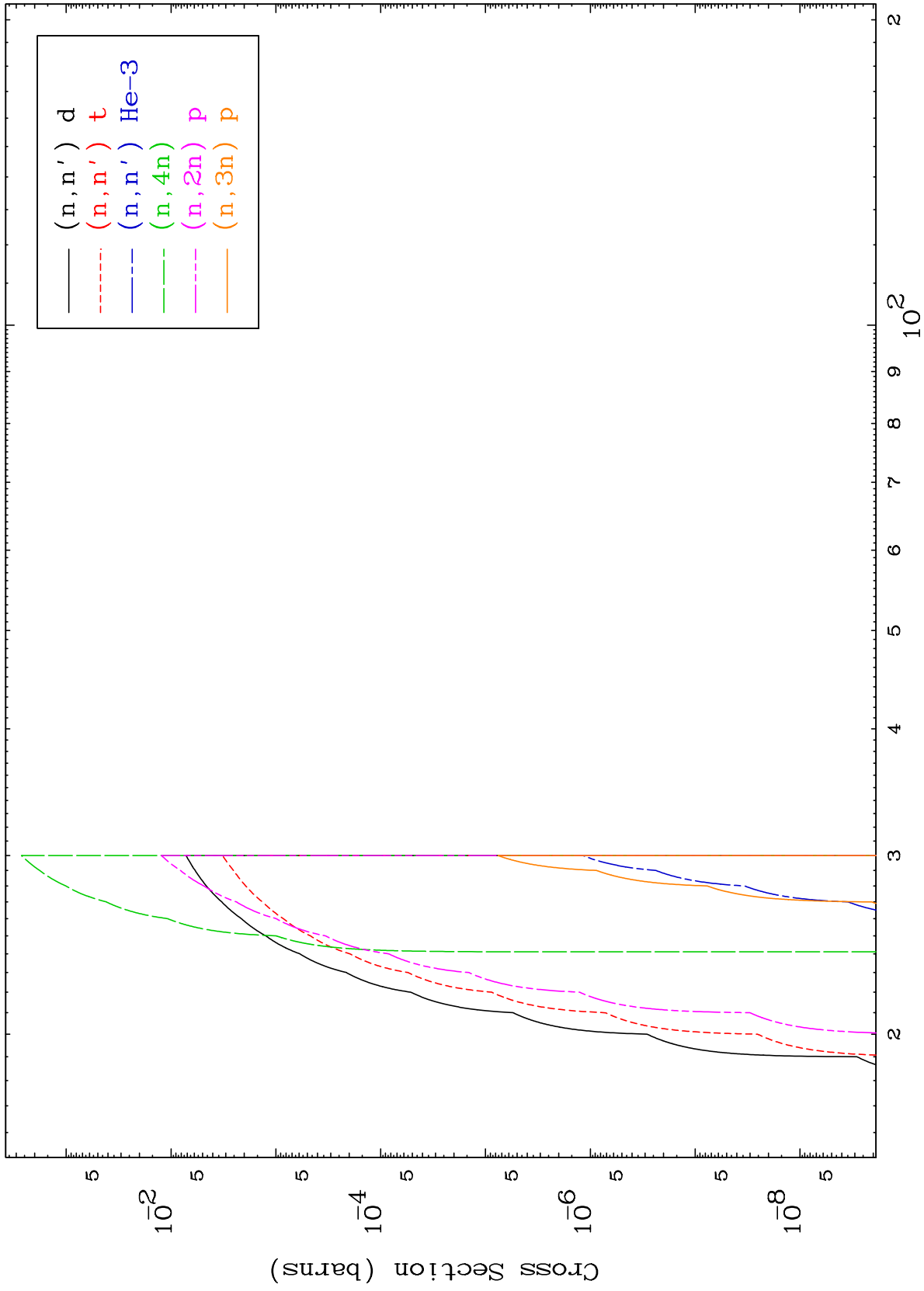
MAT 5455

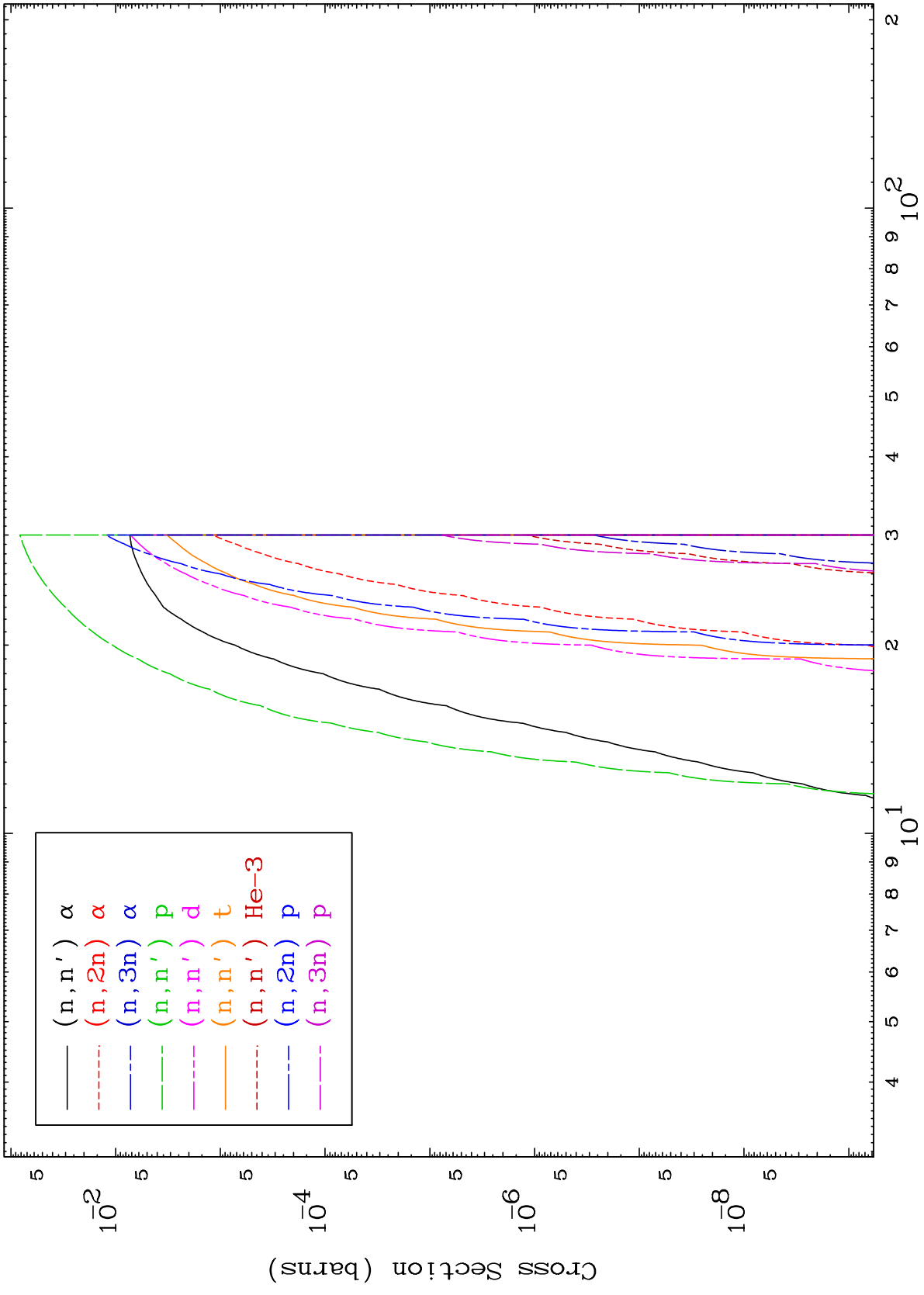
Neutron Production
293 Kelvin Cross Sections

54-Xe-134



54-Xe-134

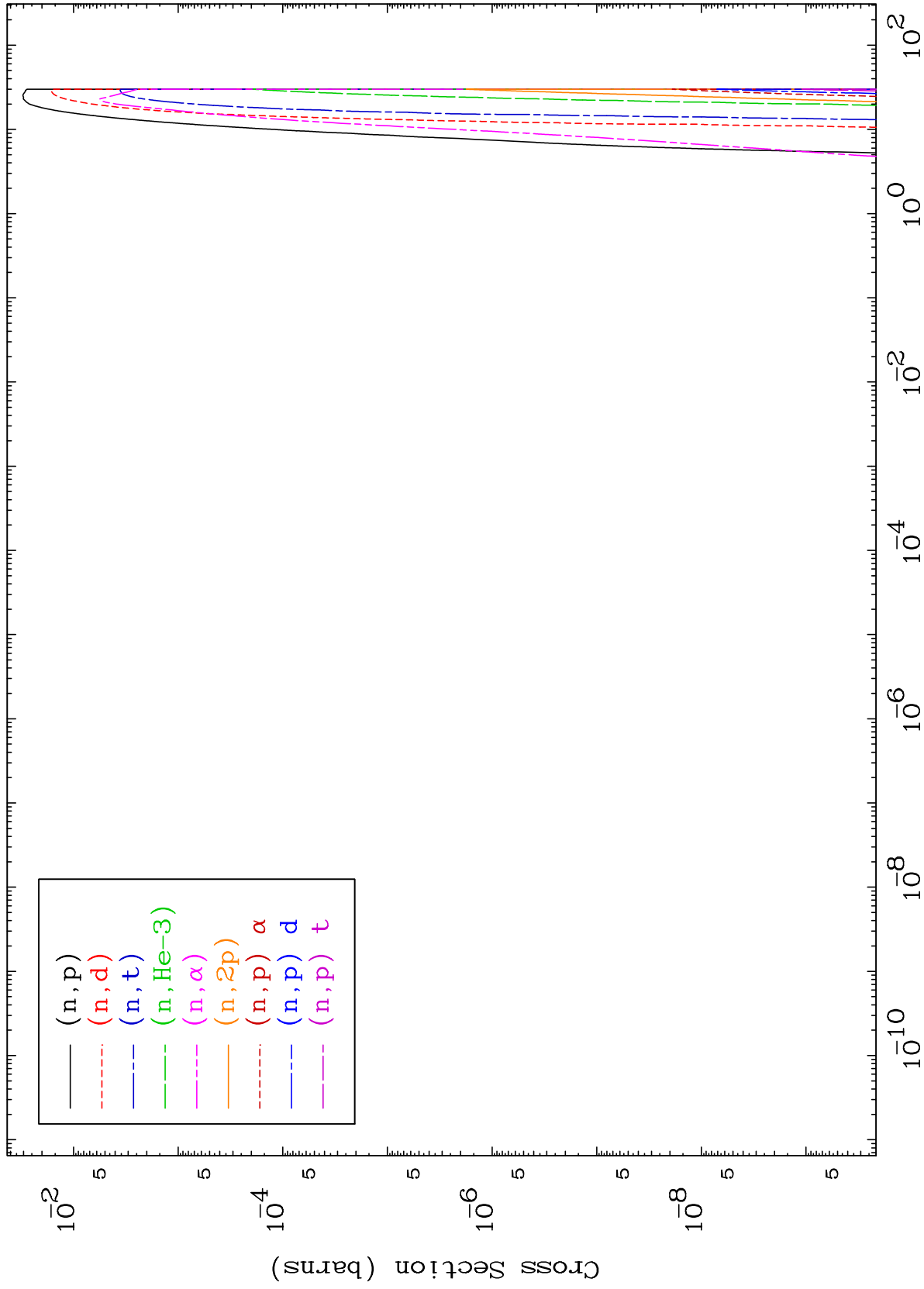




MAT 5455

Charged Particle
293 Kelvin Cross Sections

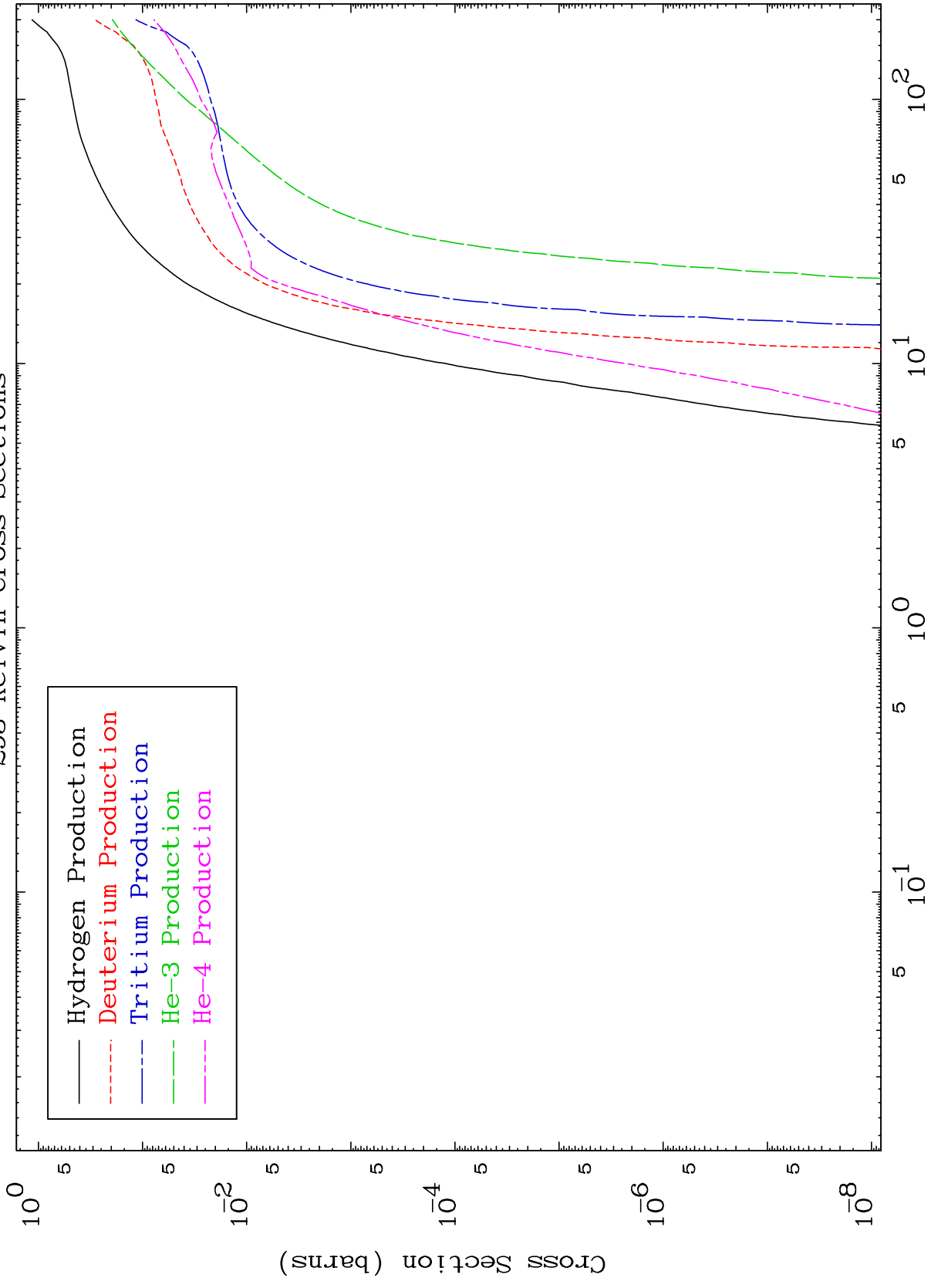
54-Xe-134



MAT 5455

Particle Production
293 Kelvin Cross Sections

54-Xe-134



6

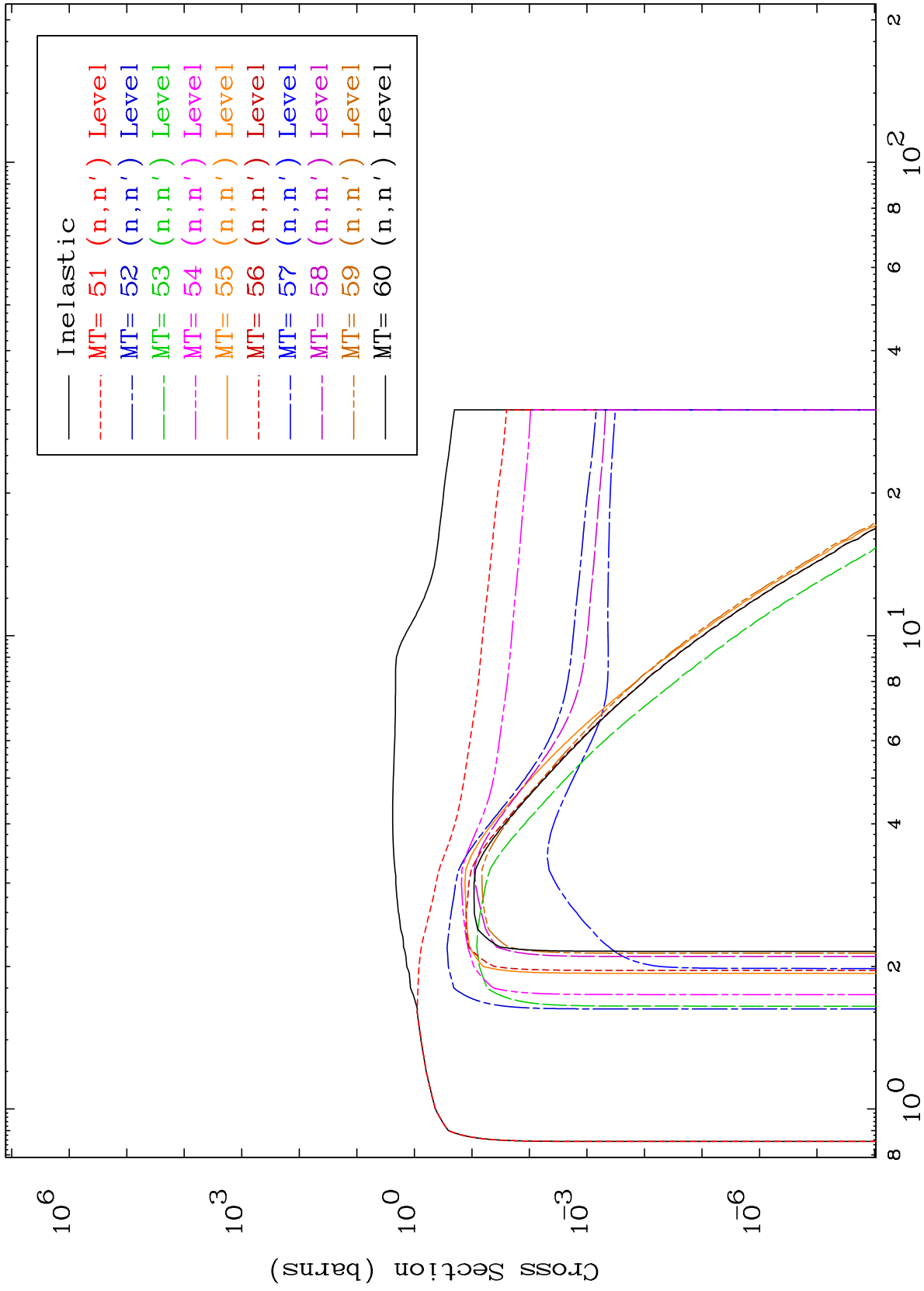
54-Xe-134

MAT 5455

(n,n') Level

54-Xe-134

293 Kelvin Cross Sections



Incident Energy (MeV)

7

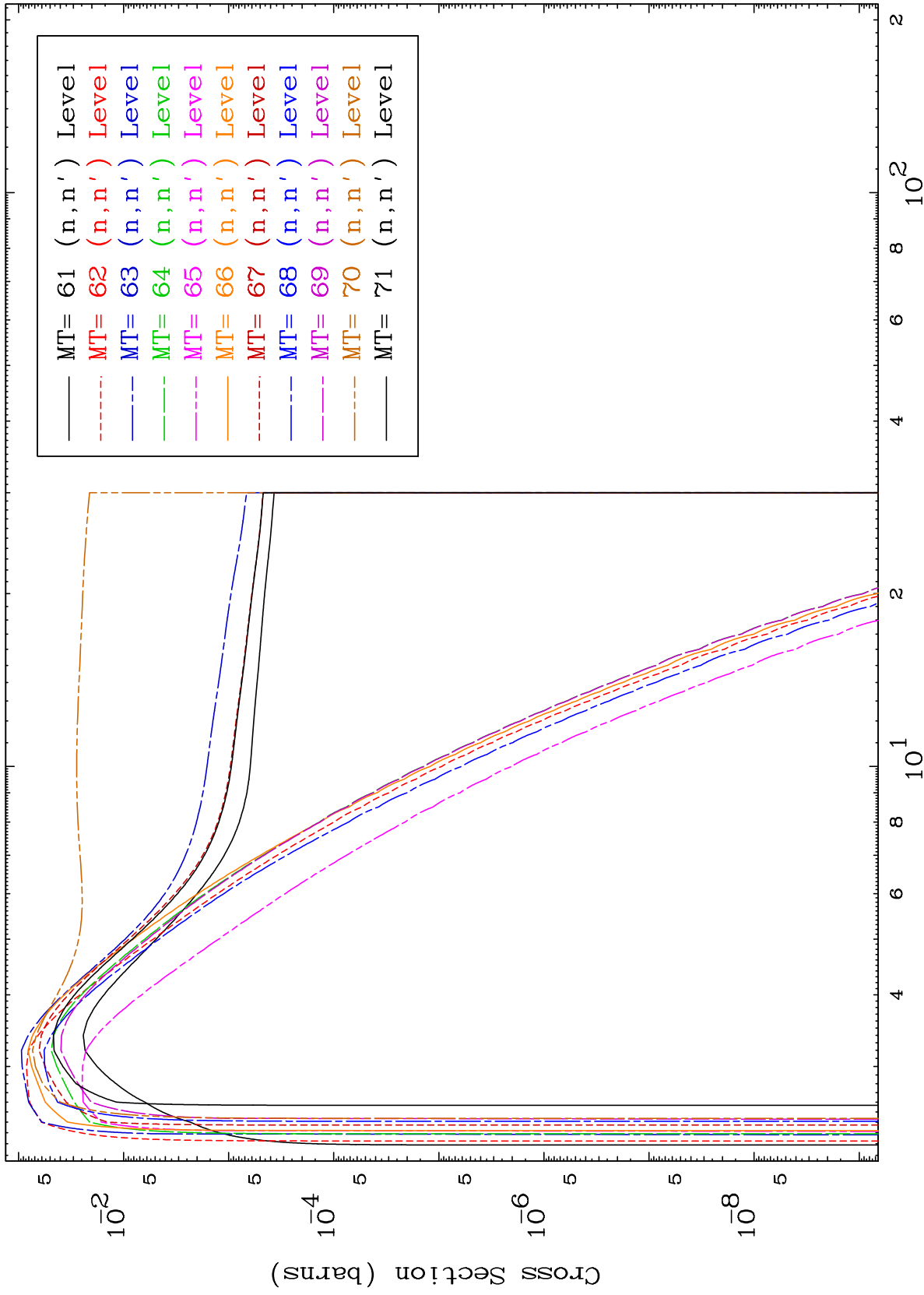
54-Xe-134

MAT 5455

(n,n') Level

54-Xe-134

293 Kelvin Cross Sections



8

Incident Energy (MeV)

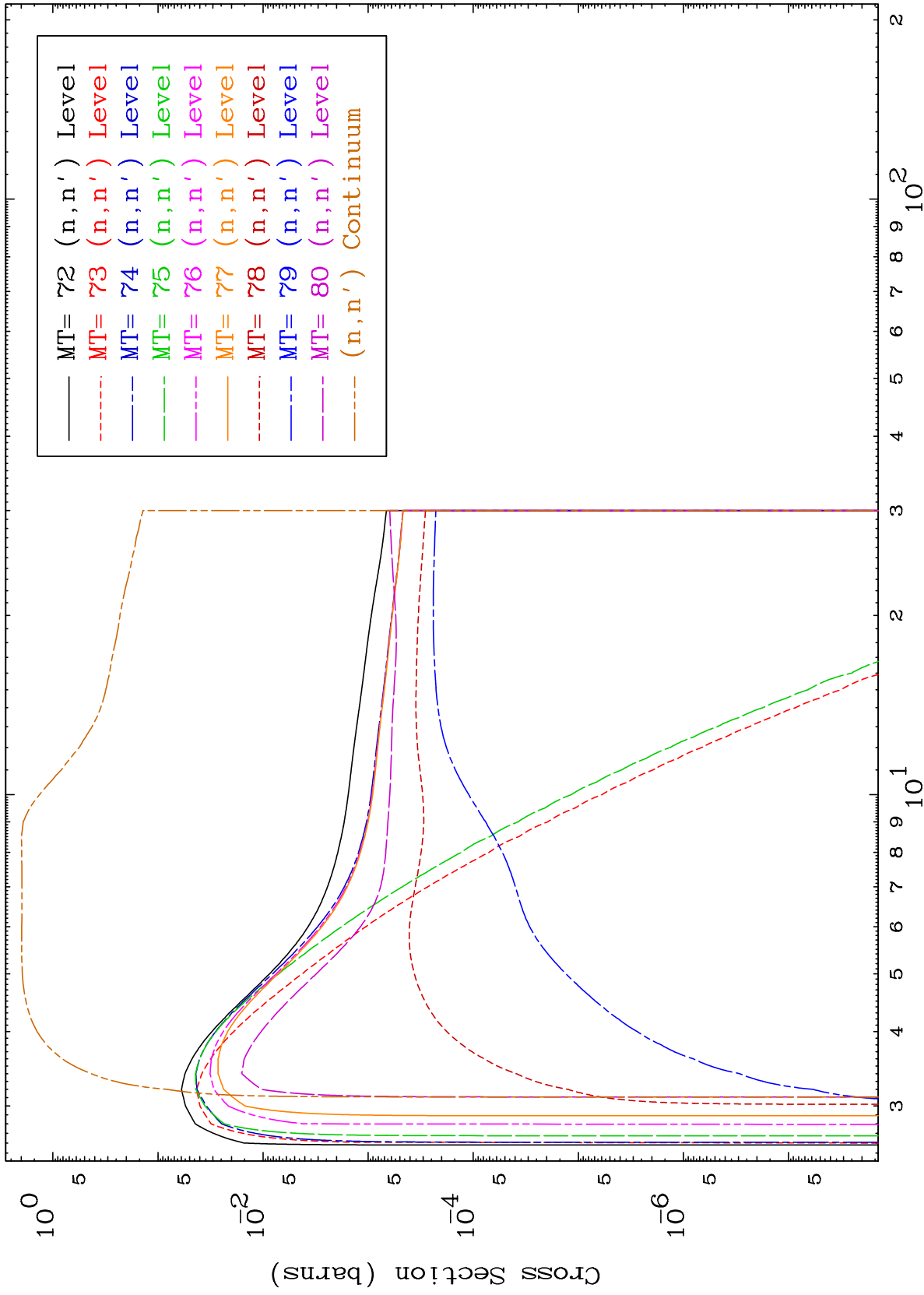
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MAT 5455

(n,n') Level

54-Xe-134

293 Kelvin Cross Sections



9

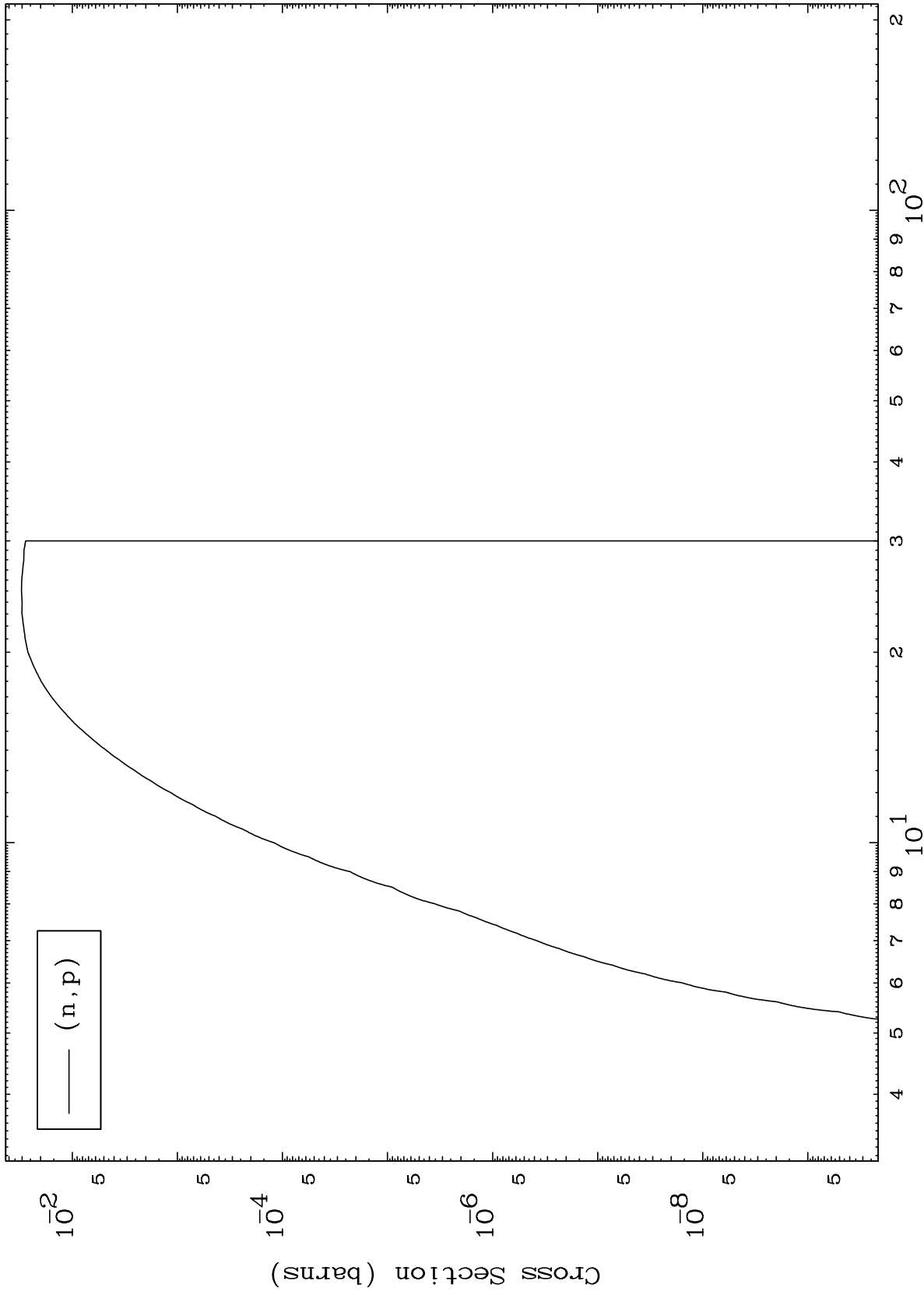
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-134



10

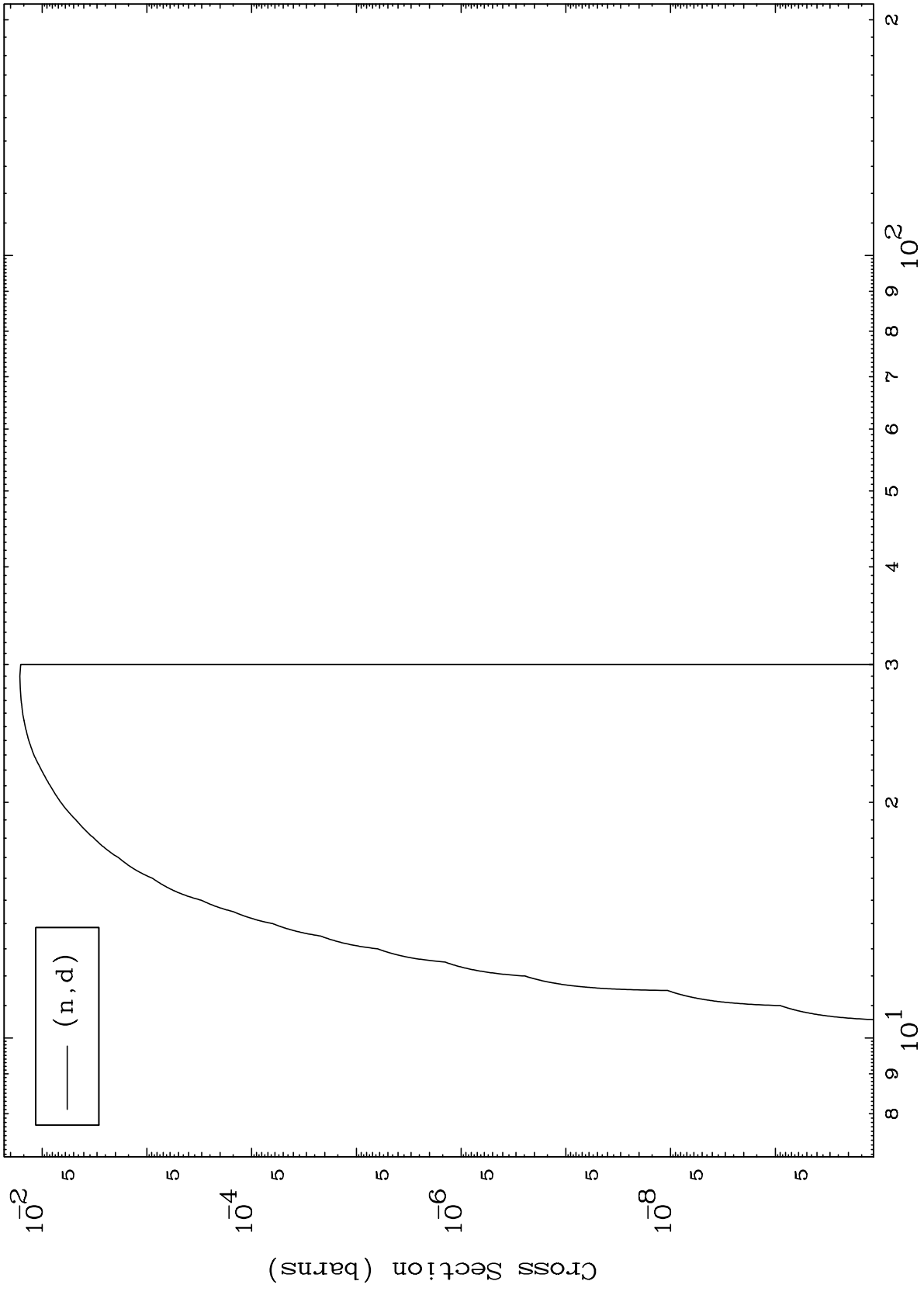
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-134



11

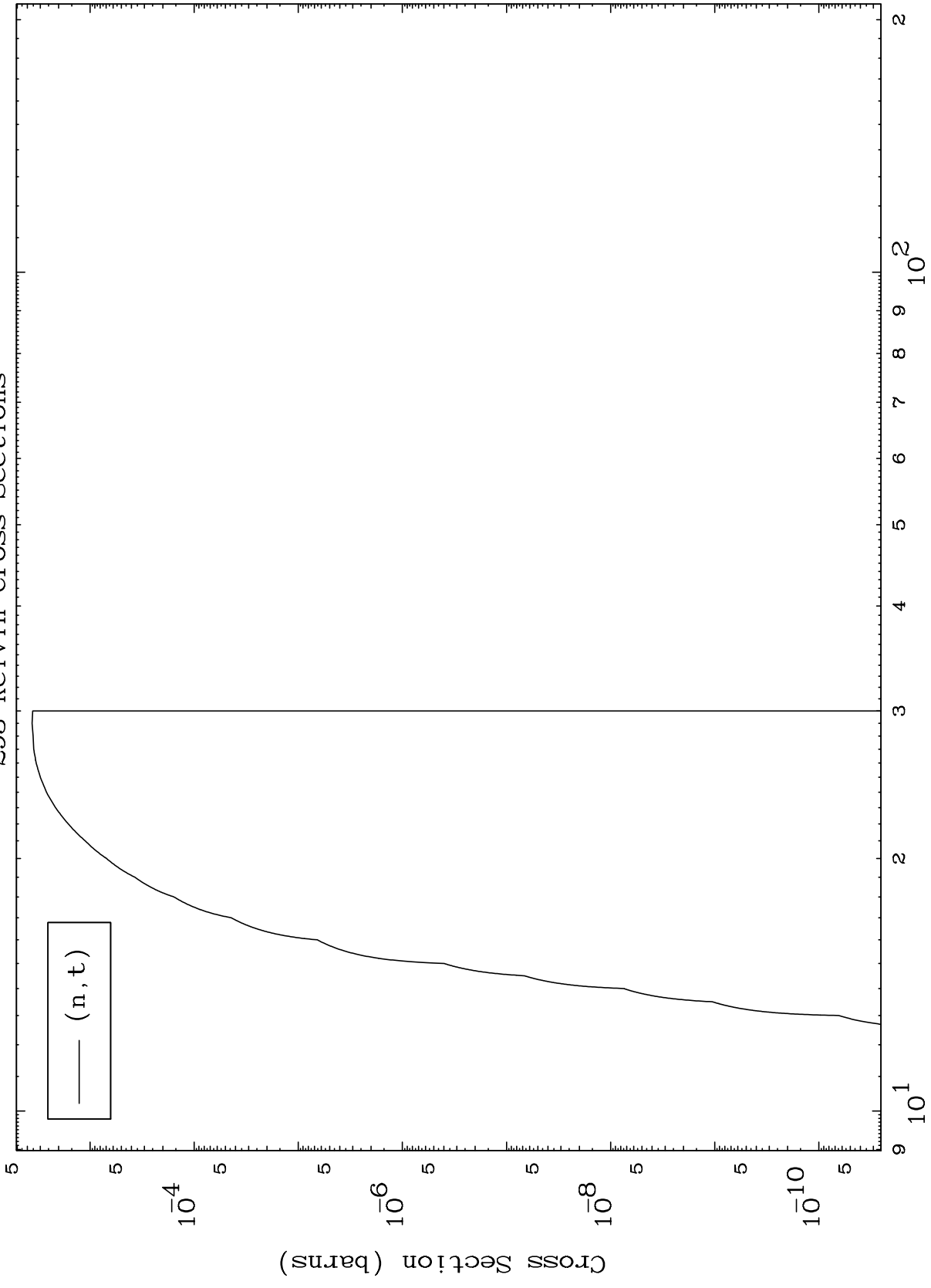
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-134



12

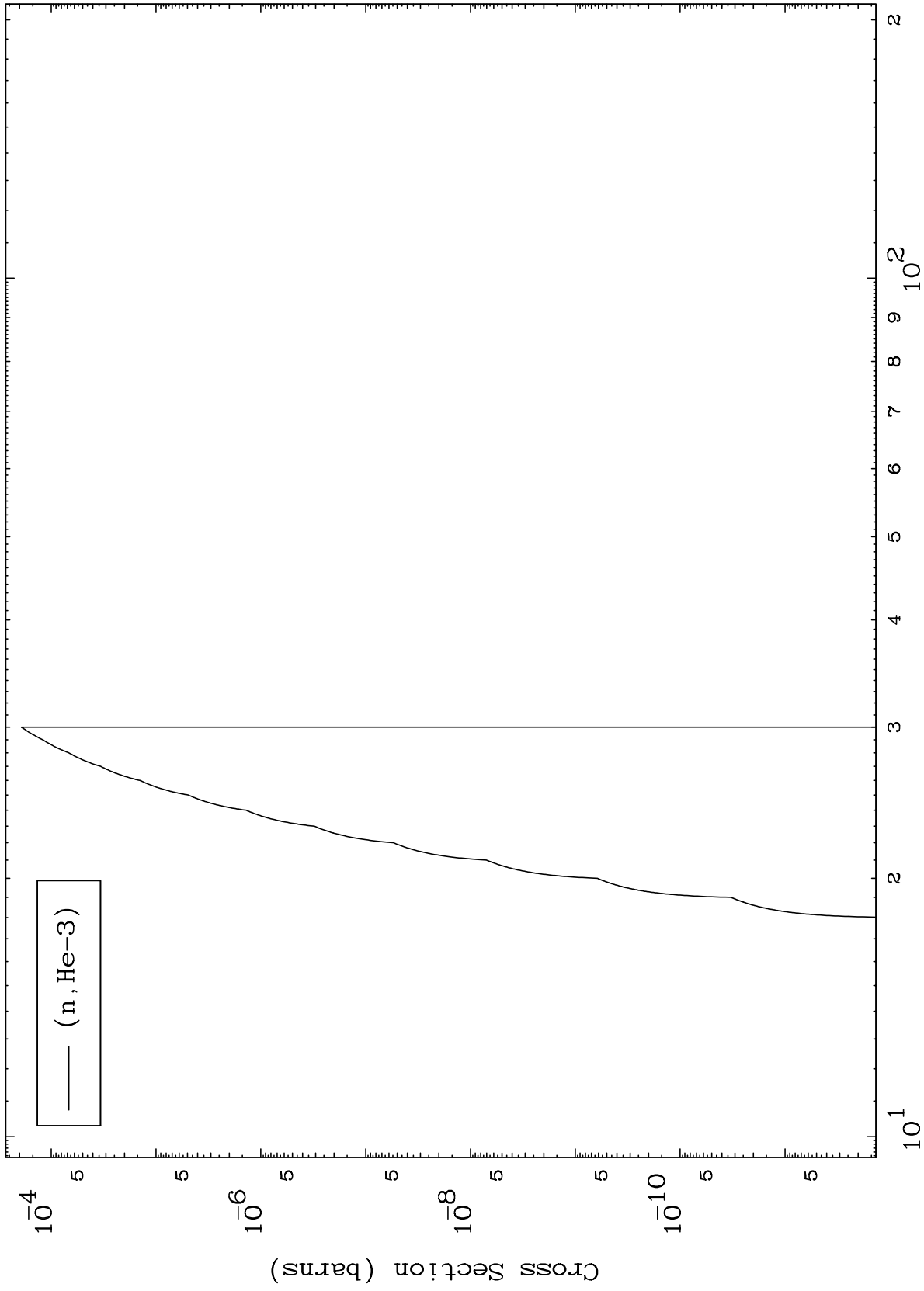
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-134

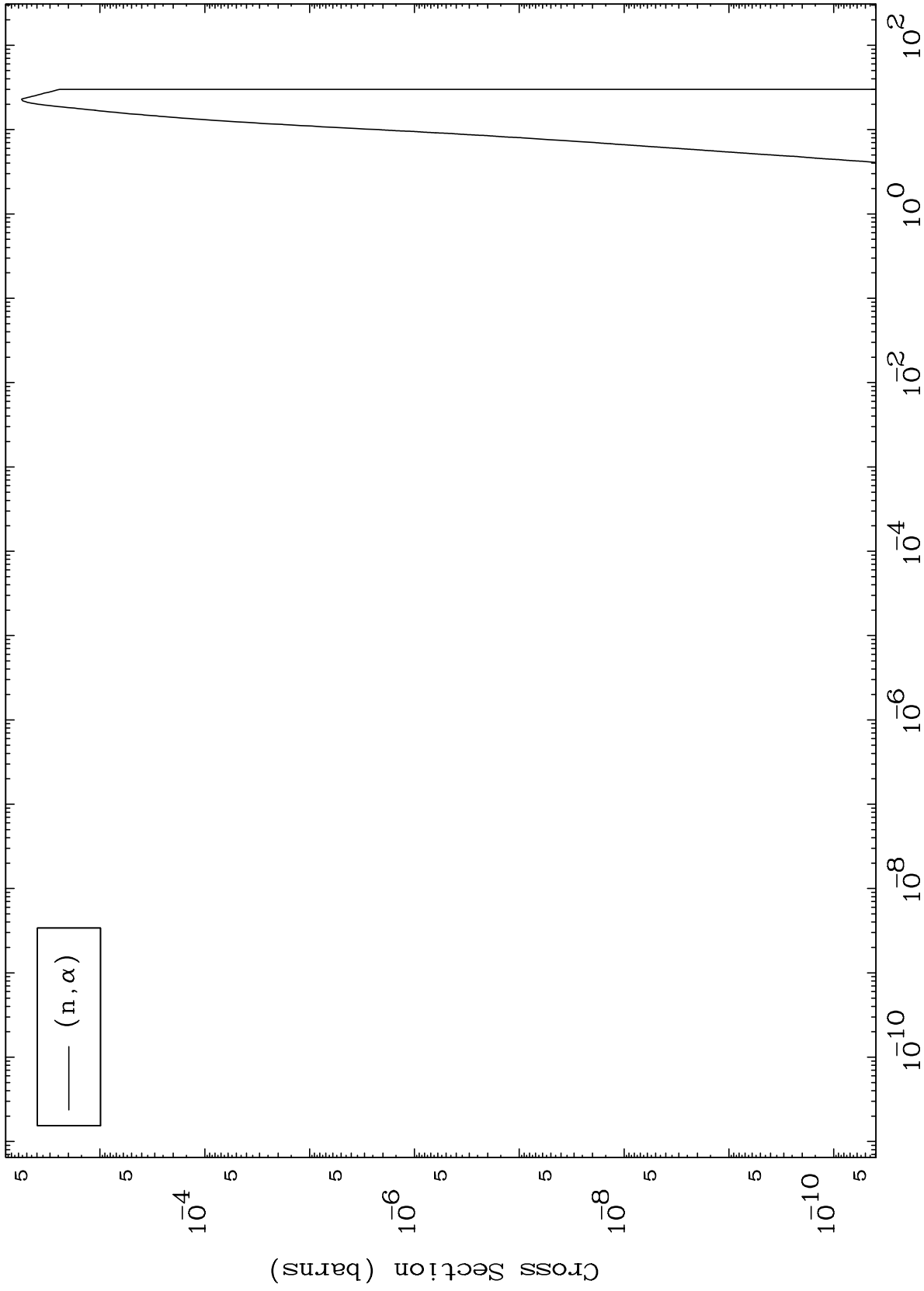


54-Xe-134

MAT 5455

(n,α) Levels
293 Kelvin Cross Sections

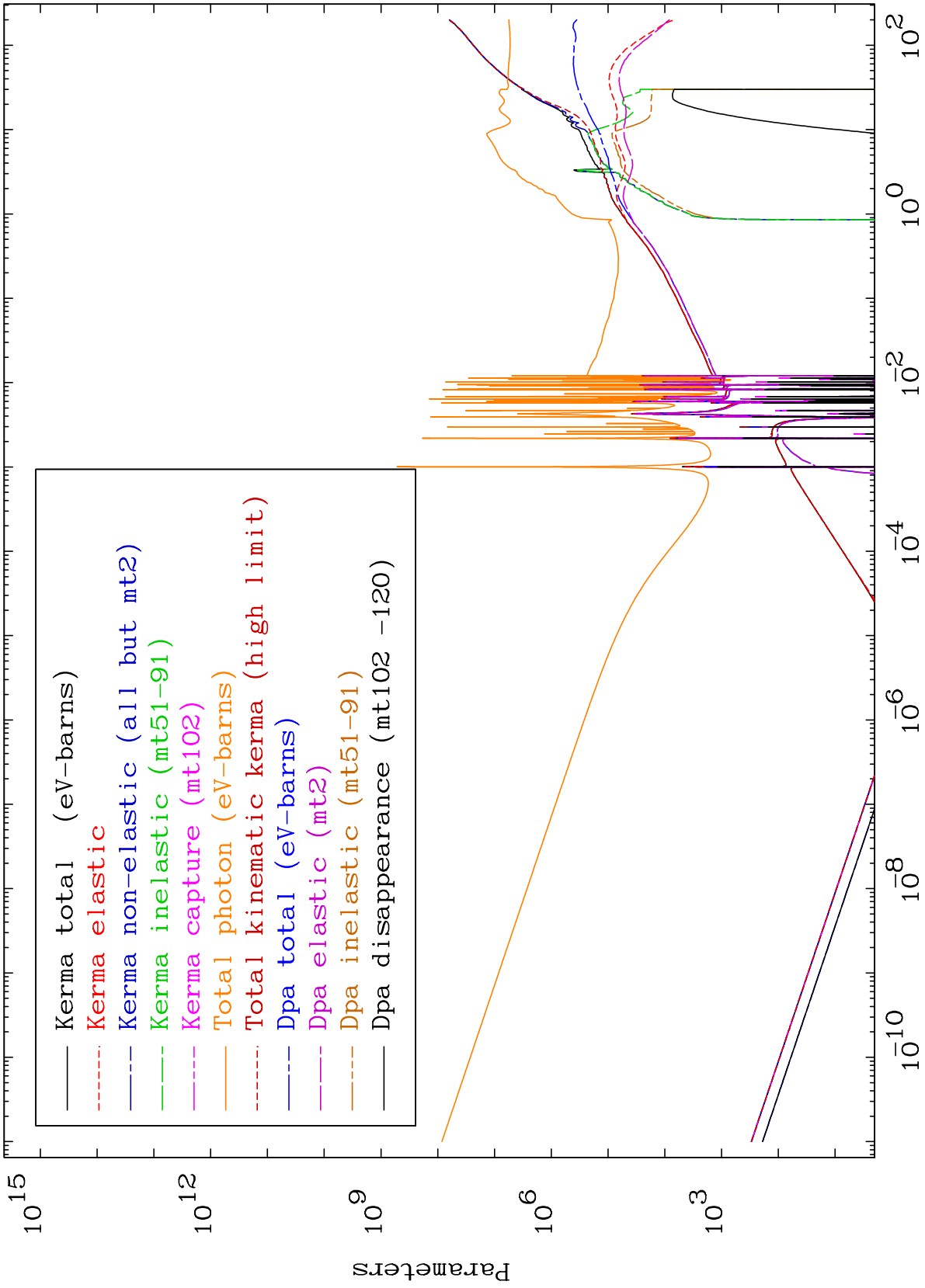
54-Xe-134



14

Incident Energy (MeV)

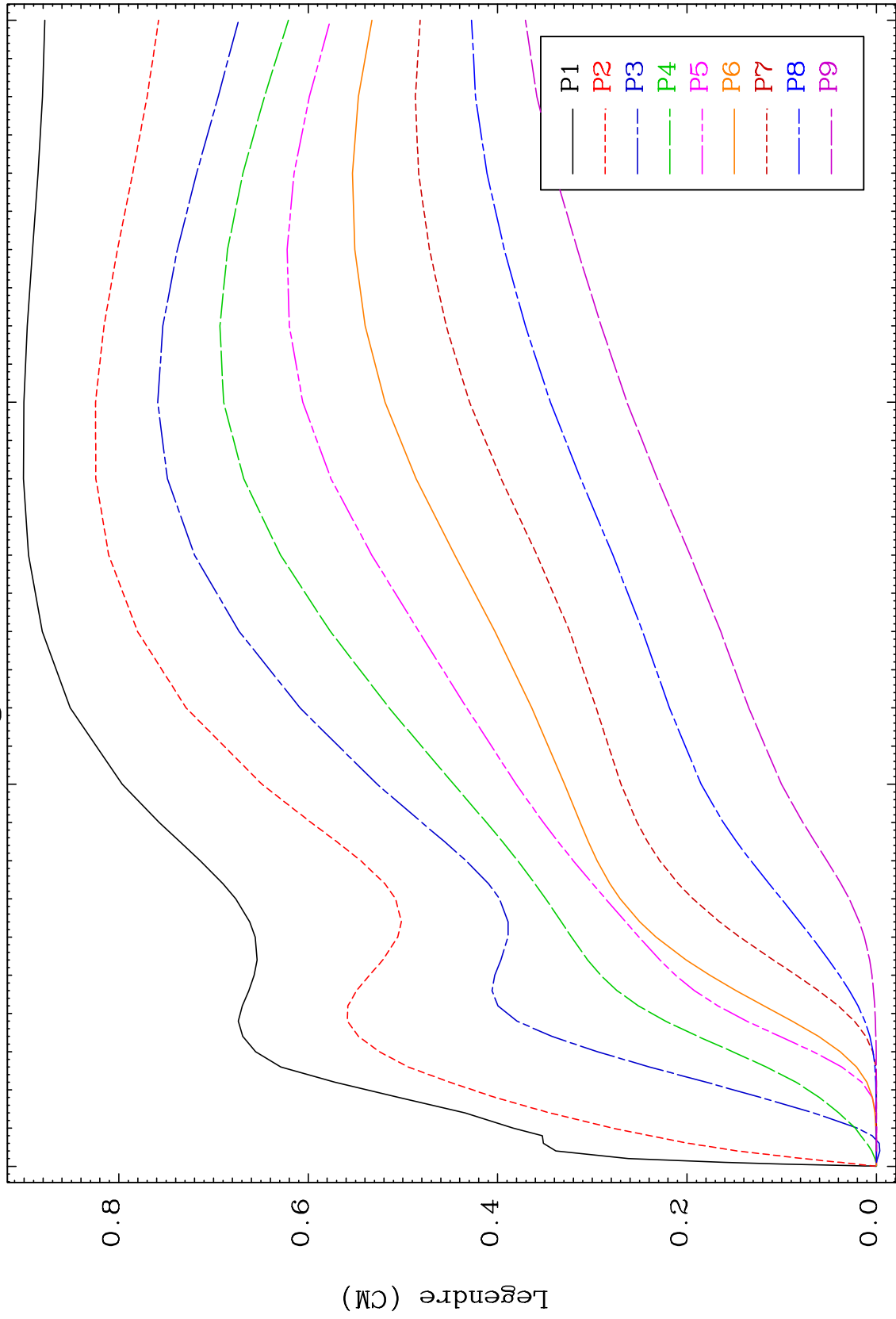
54-Xe-134



MAT 5455

Elastic Legendre Coefficients

54-Xe-134



16

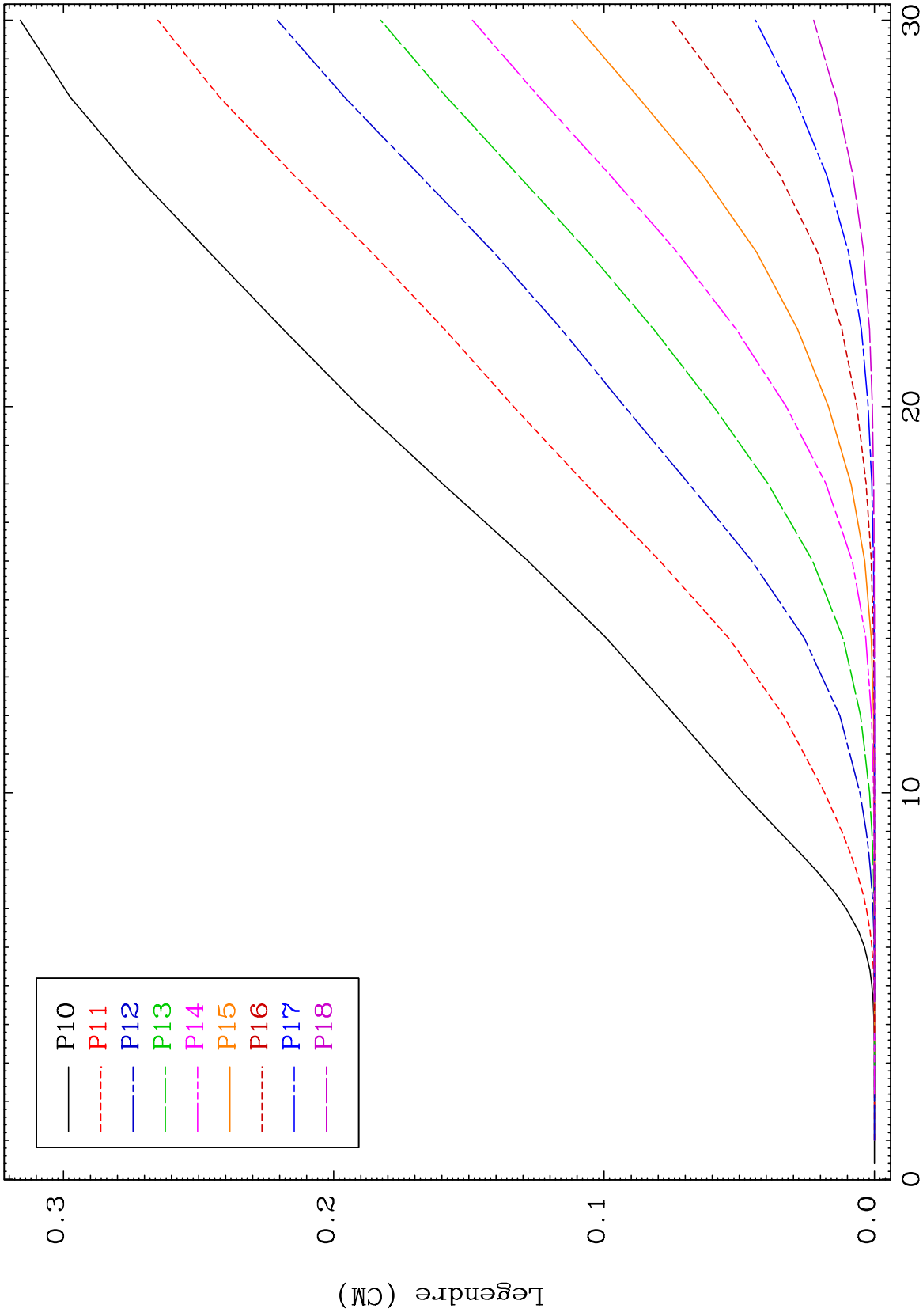
Incident Energy (MeV)

54-Xe-134

MAT 5455

Elastic Legendre Coefficients

54-Xe-134



17

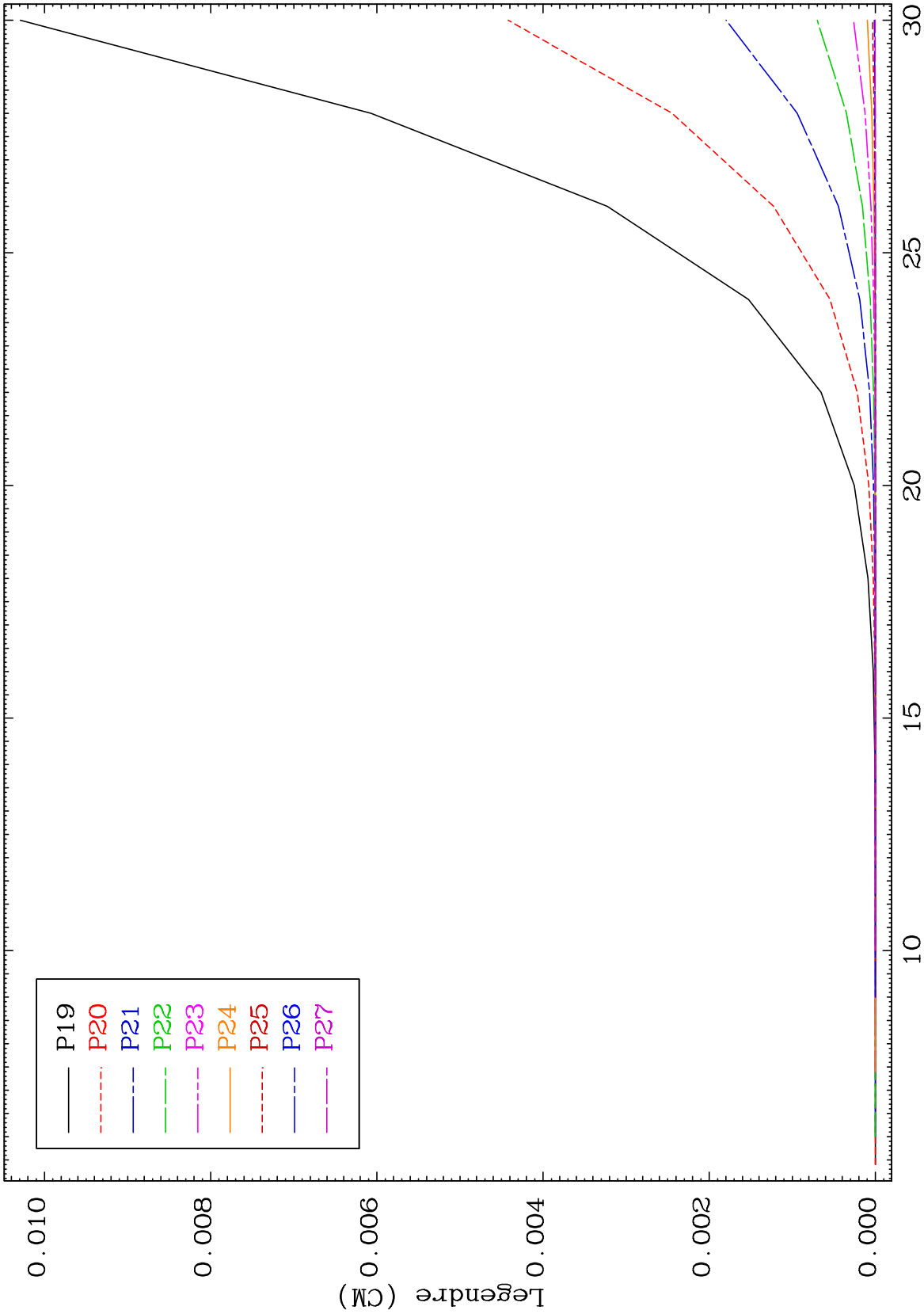
Incident Energy (MeV)

54-Xe-134

MAT 5455

Elastic Legendre Coefficients

54-Xe-134



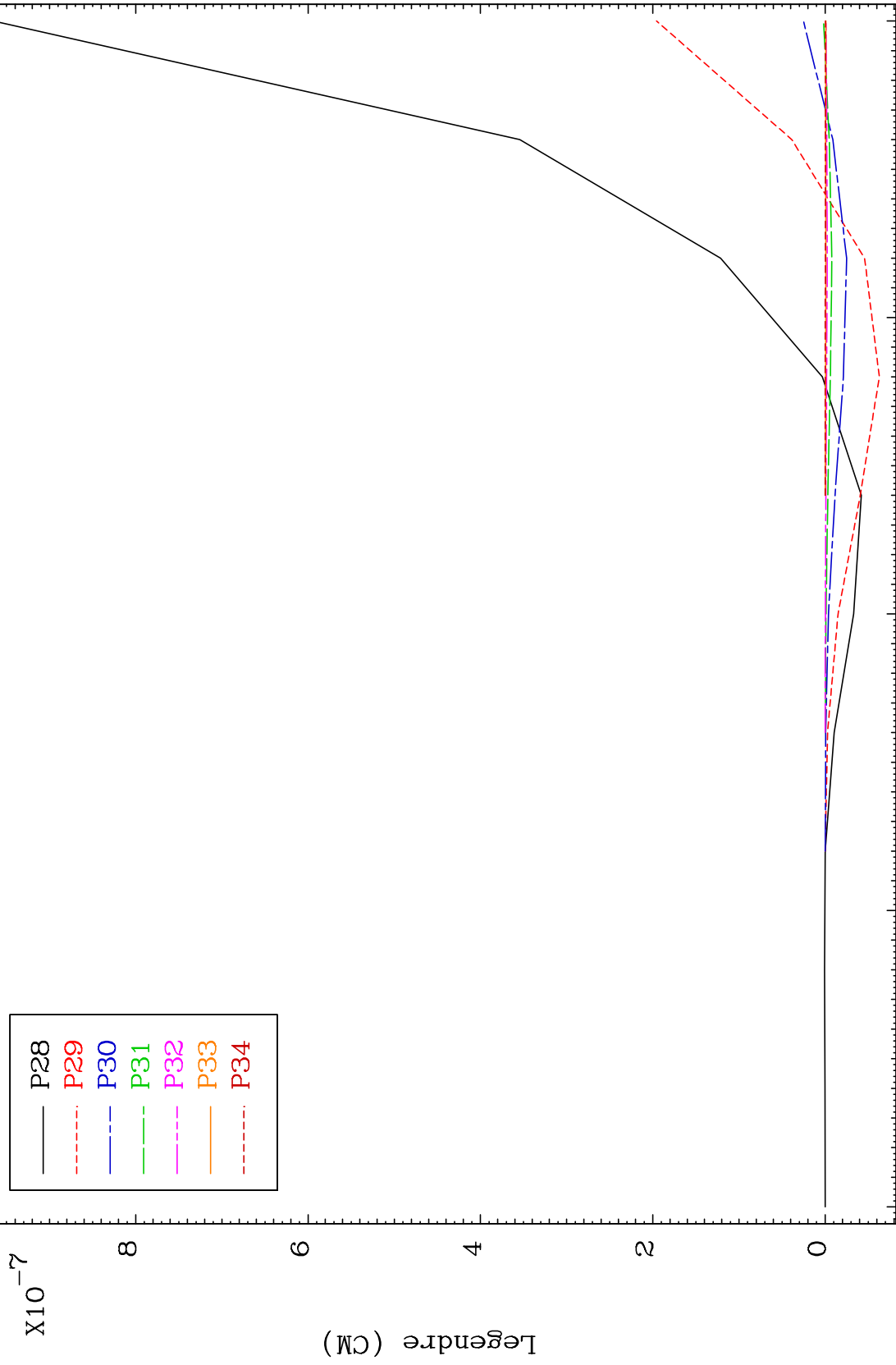
18

54-Xe-134

MAT 5455

Elastic Legendre Coefficients

54-Xe-134



19

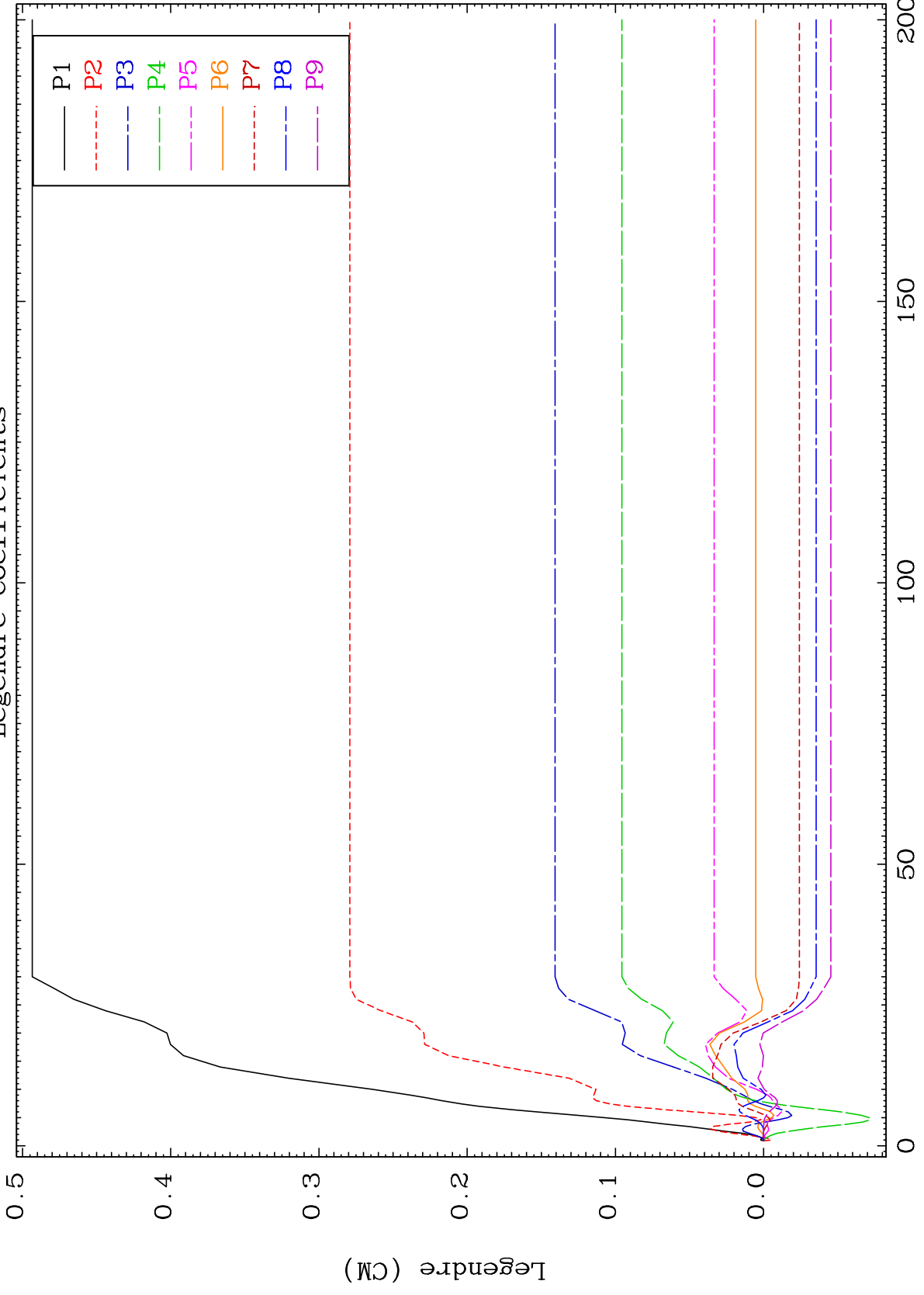
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



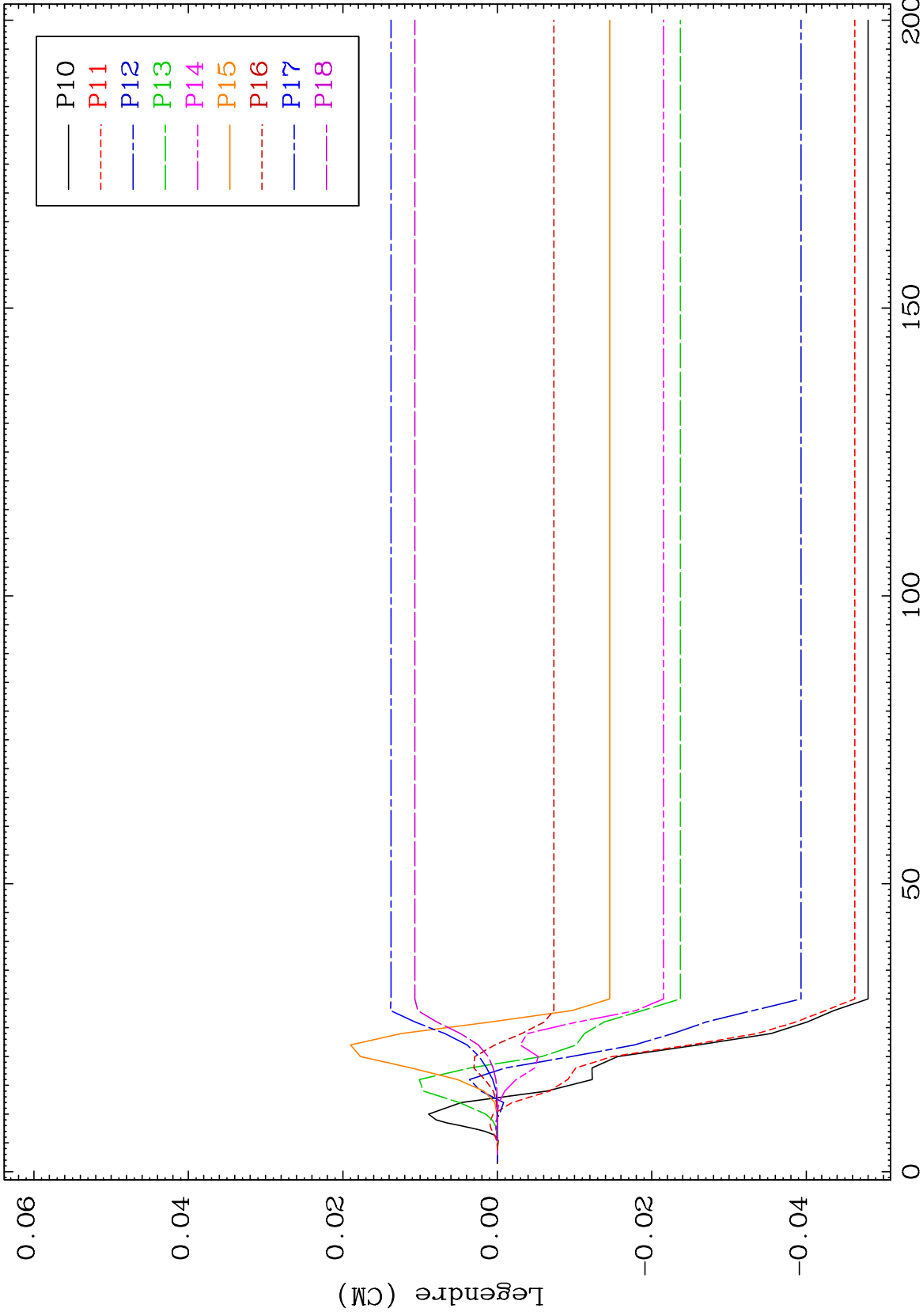
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Incident Energy (MeV)

MAT 5455

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

54-Xe-134



21

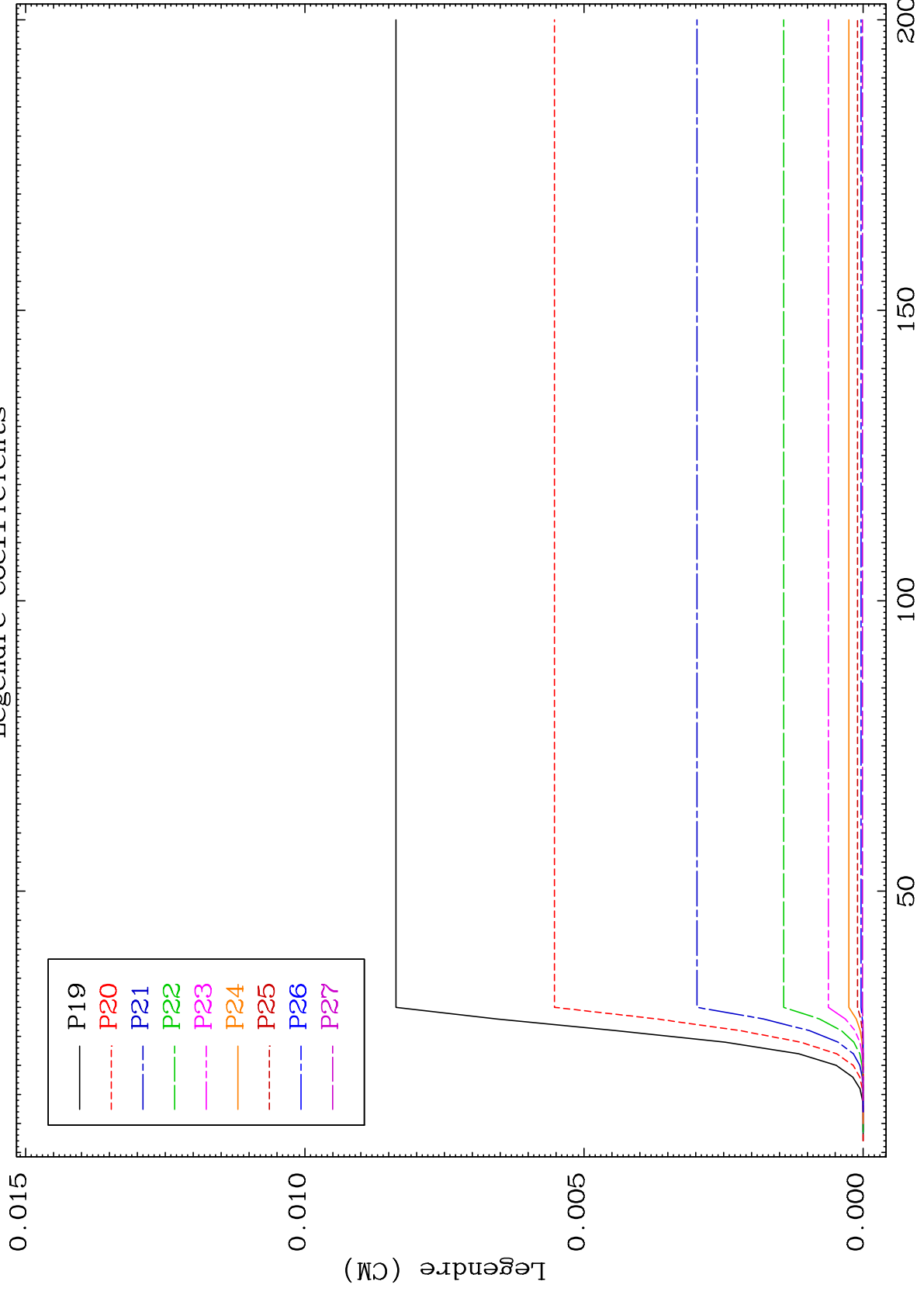
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



22

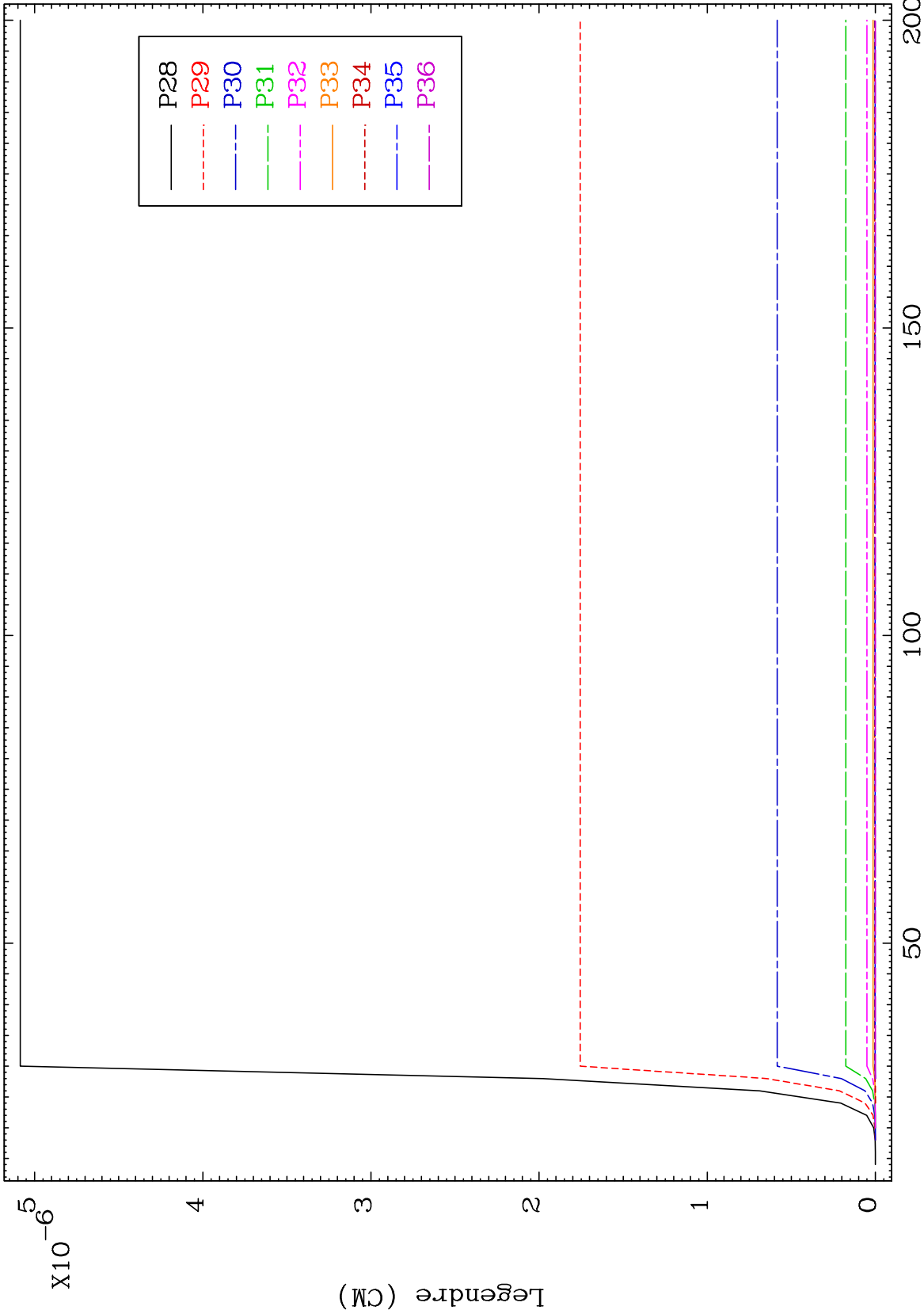
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



23

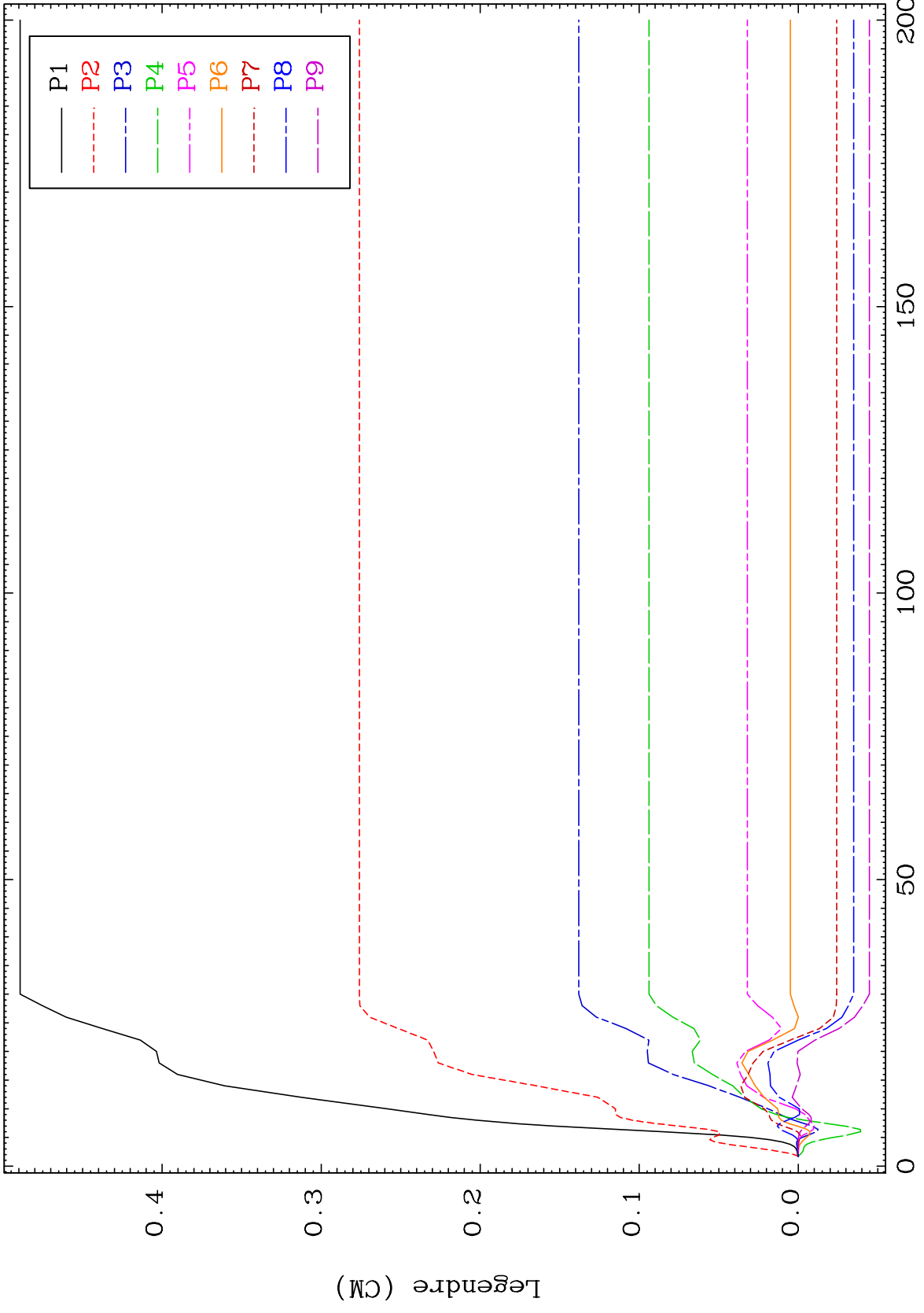
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



24

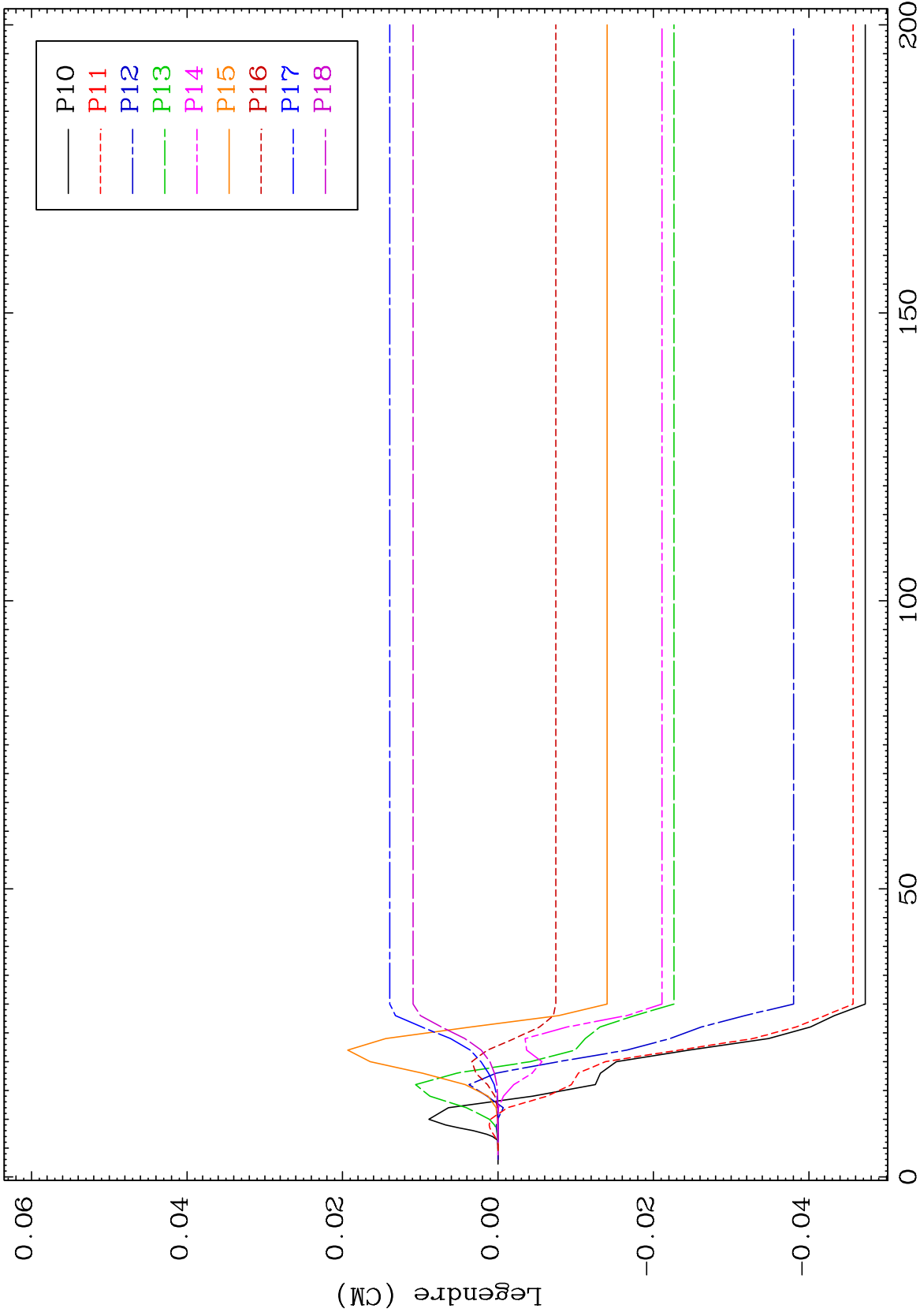
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



25

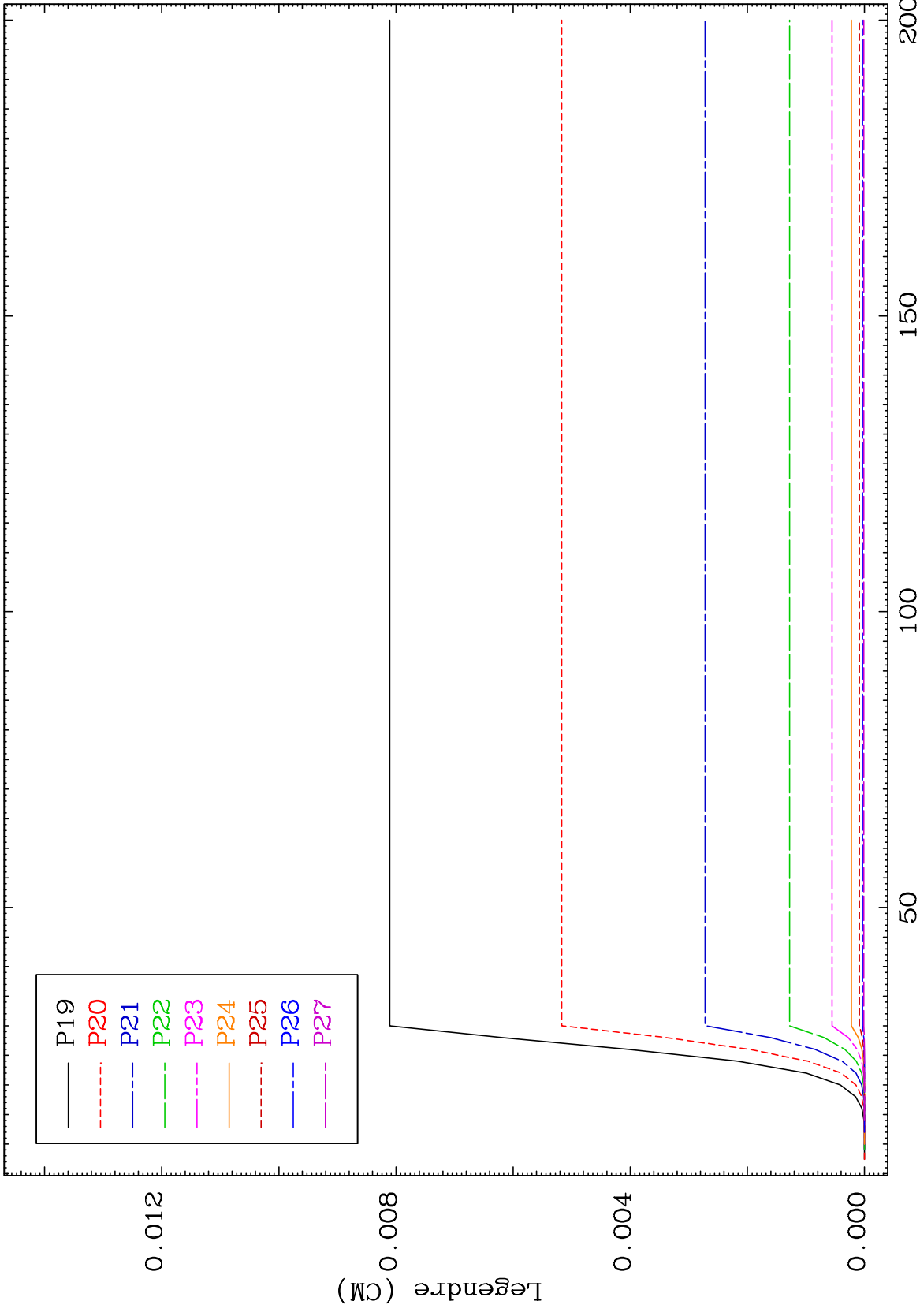
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



26

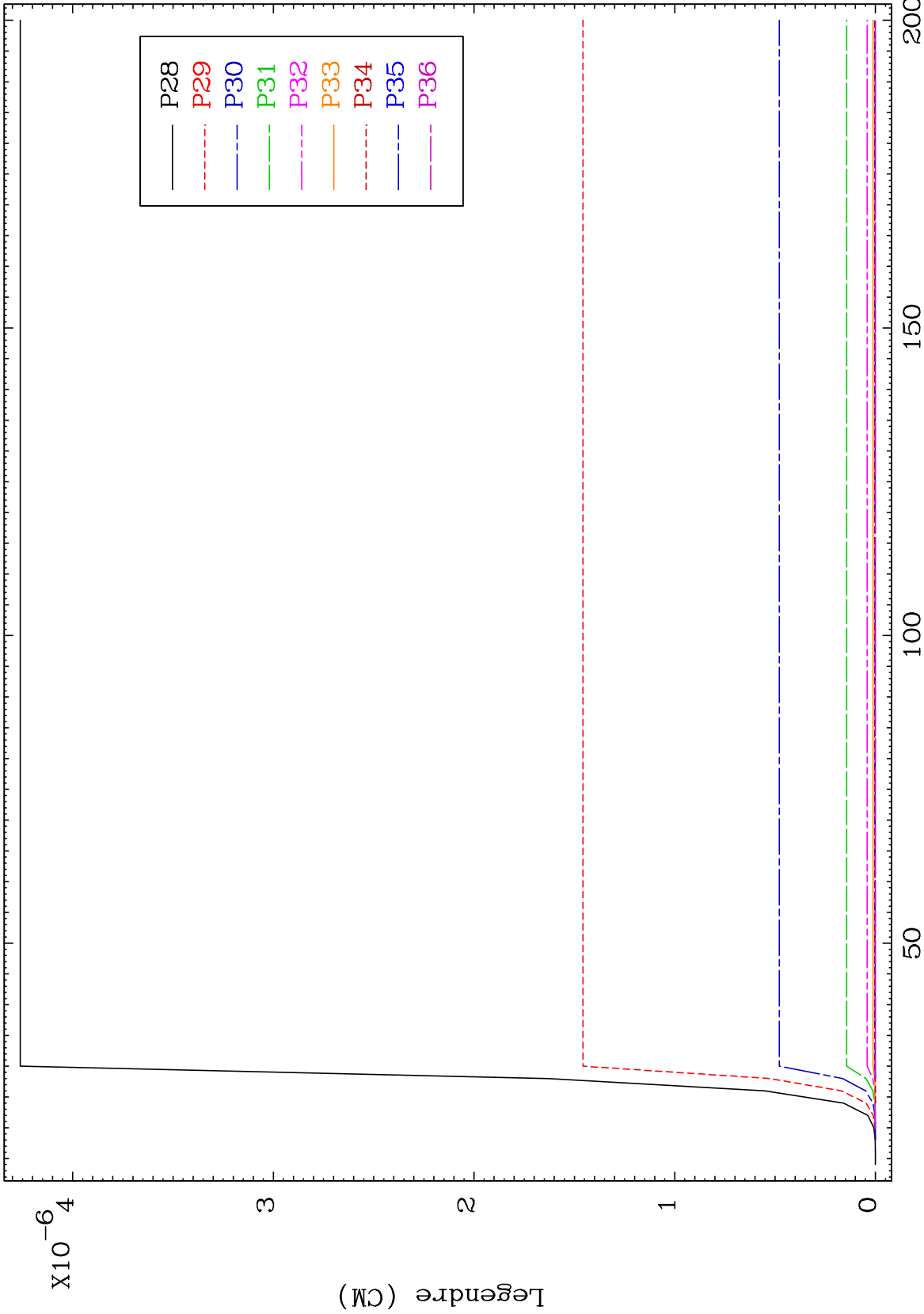
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134

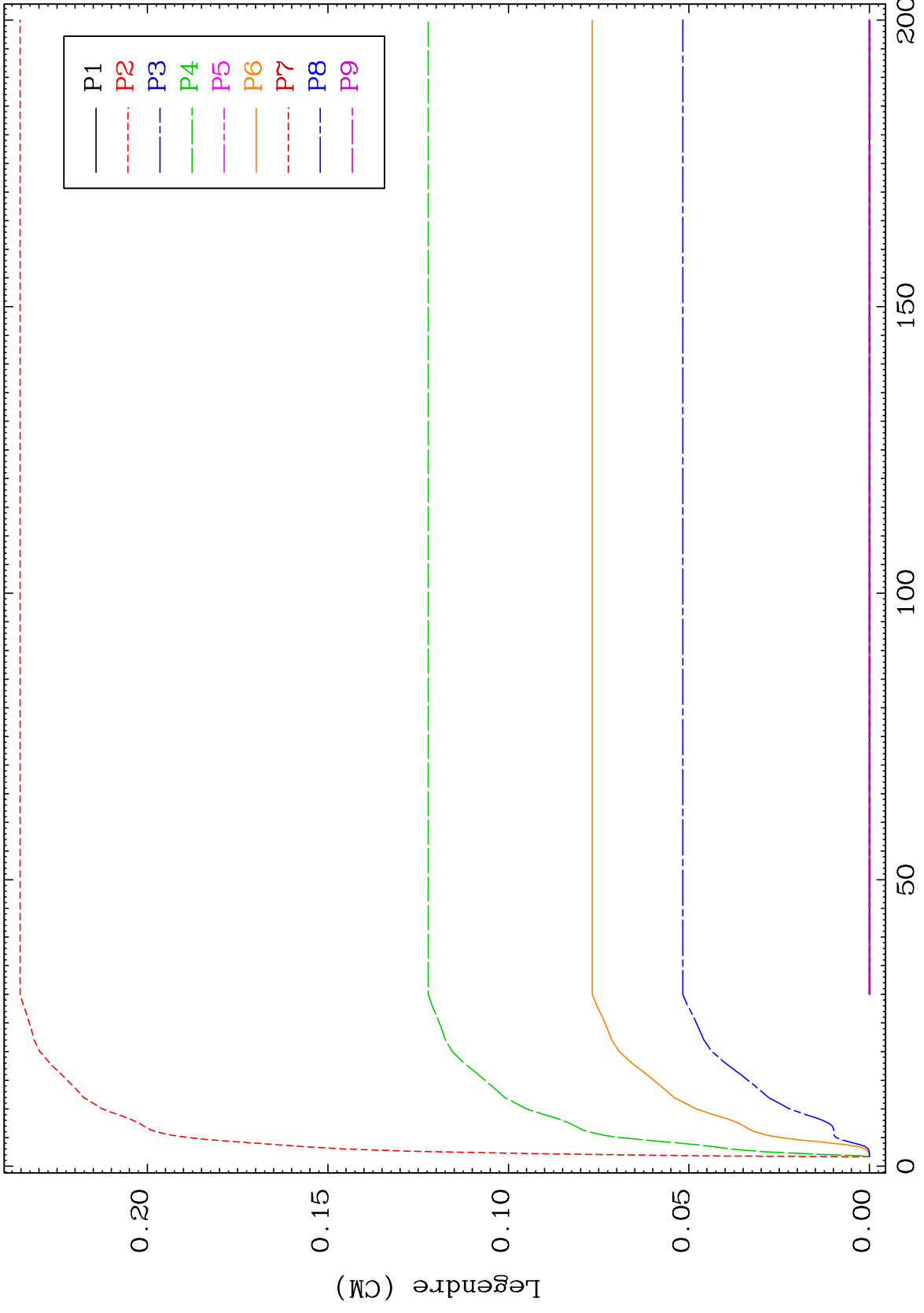


27

Incident Energy (MeV)

54-Xe-134

MAT 5455 MT= 53 (n,n') Level Legendre Coefficients 54-Xe-134

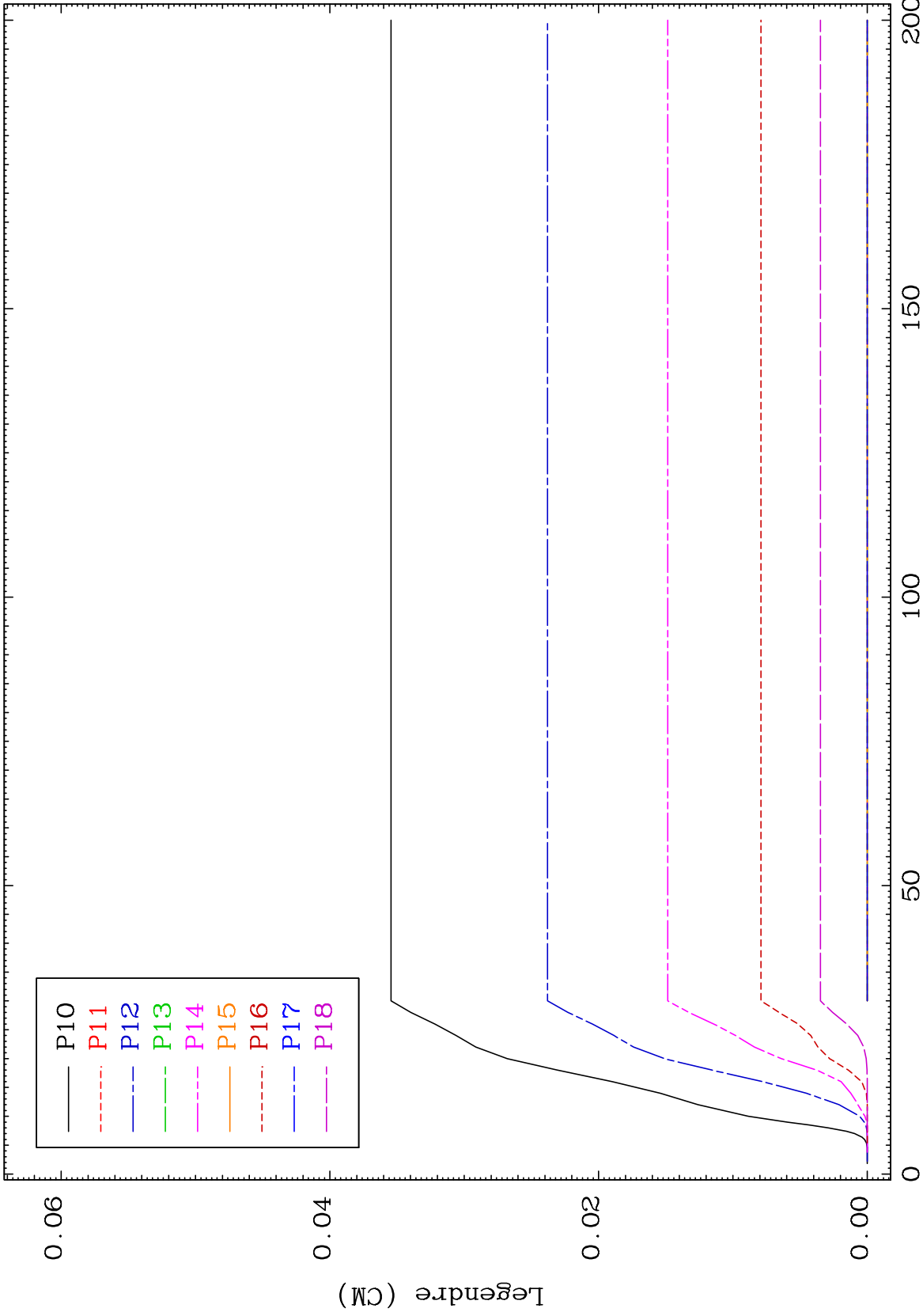


28 Incident Energy (MeV) 54-Xe-134

MAT 5455

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

54-Xe-134

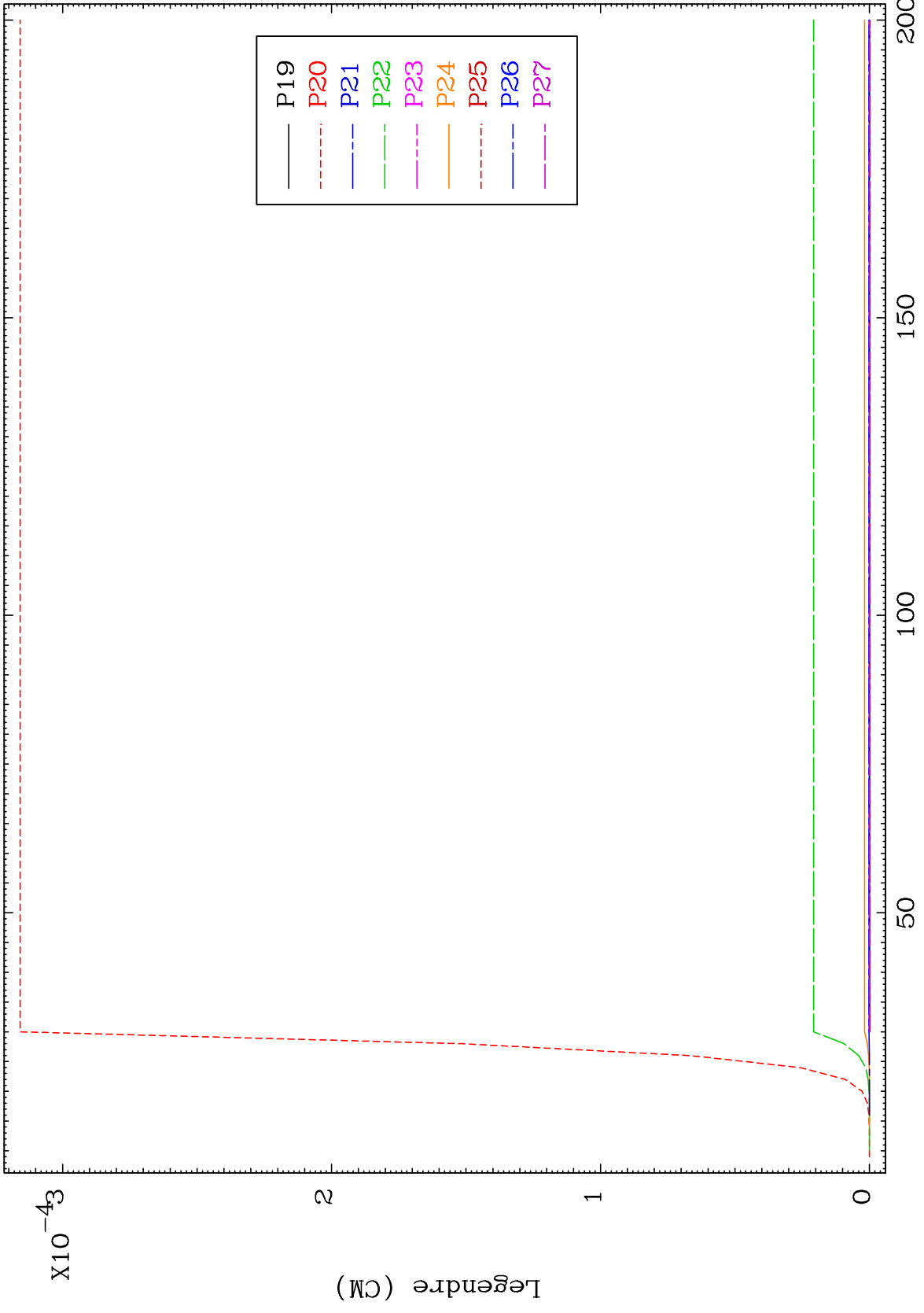


29

Incident Energy (MeV)

54-Xe-134

MAT 5455 MT= 53 (n,n') Level Legendre Coefficients 54-Xe-134

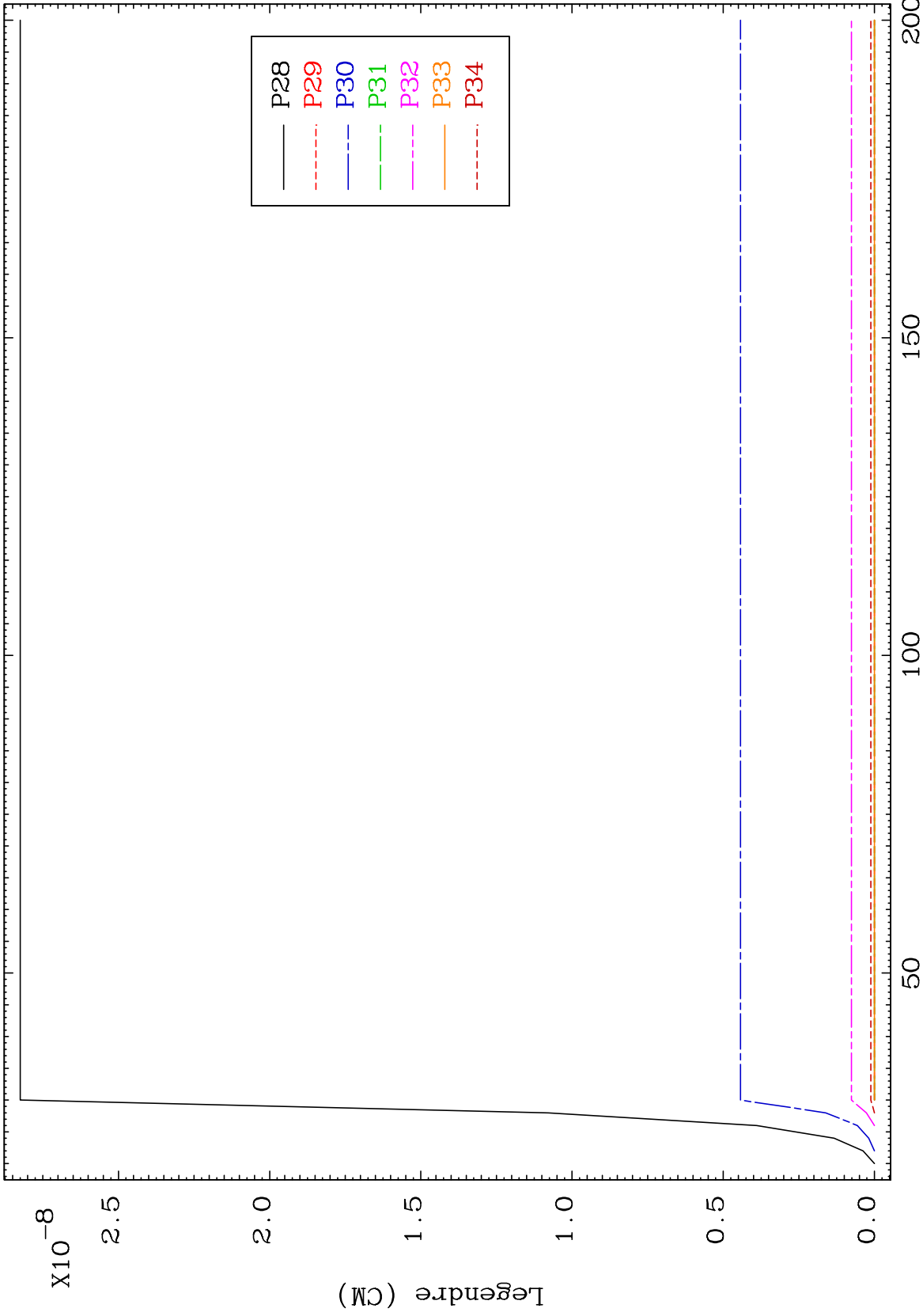


54-Xe-134

MAT 5455

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

54-Xe-134



31

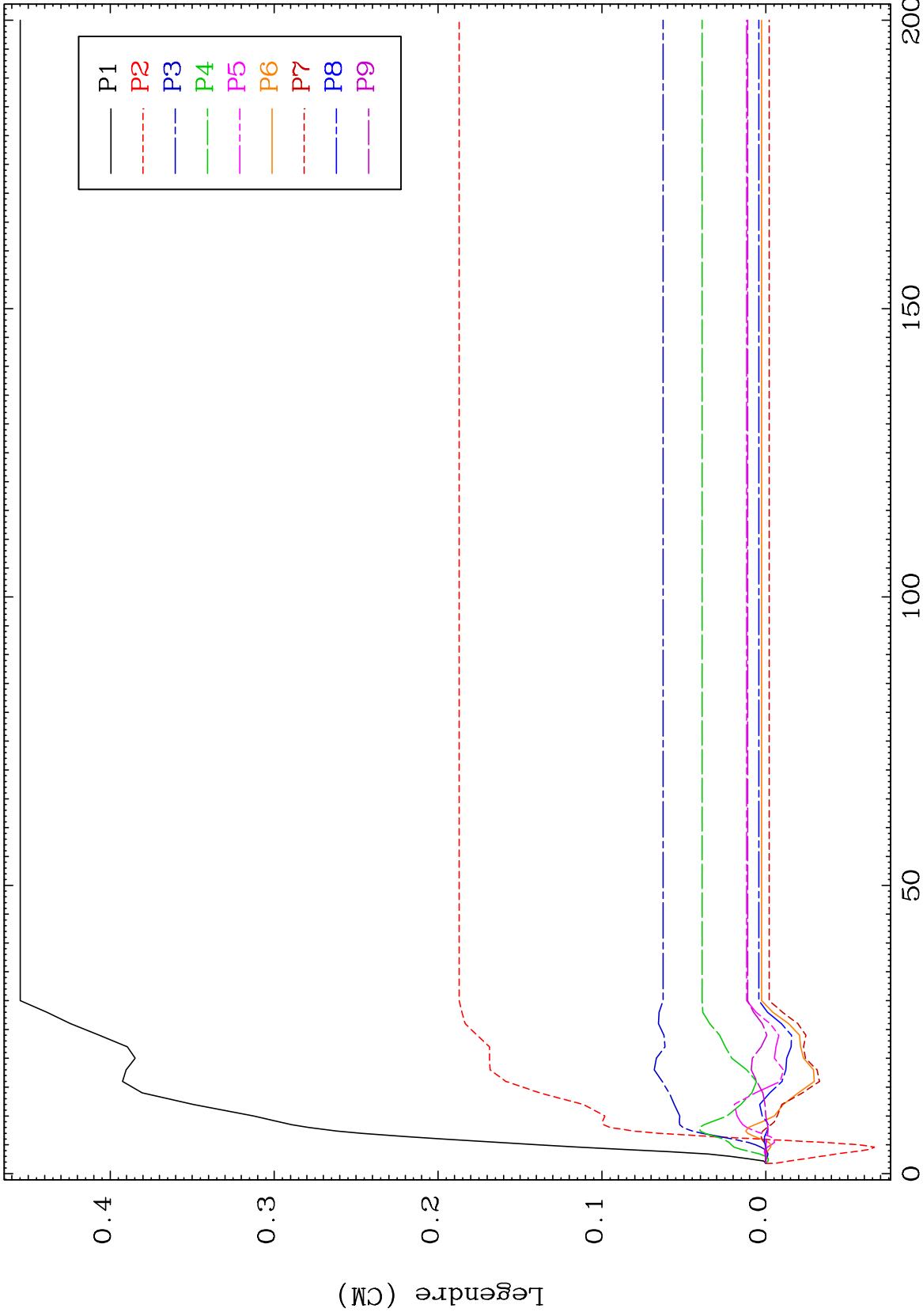
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



32

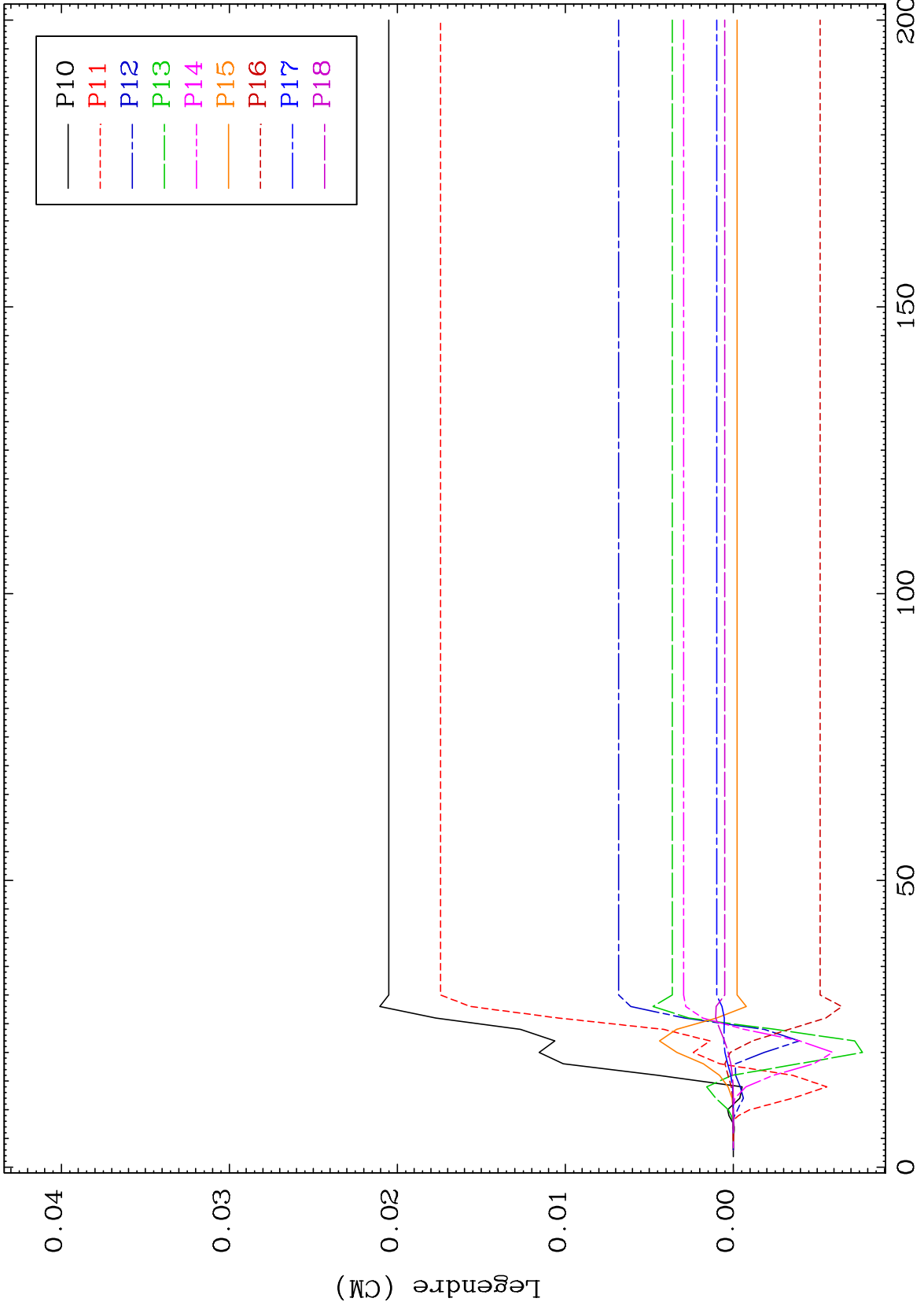
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



33

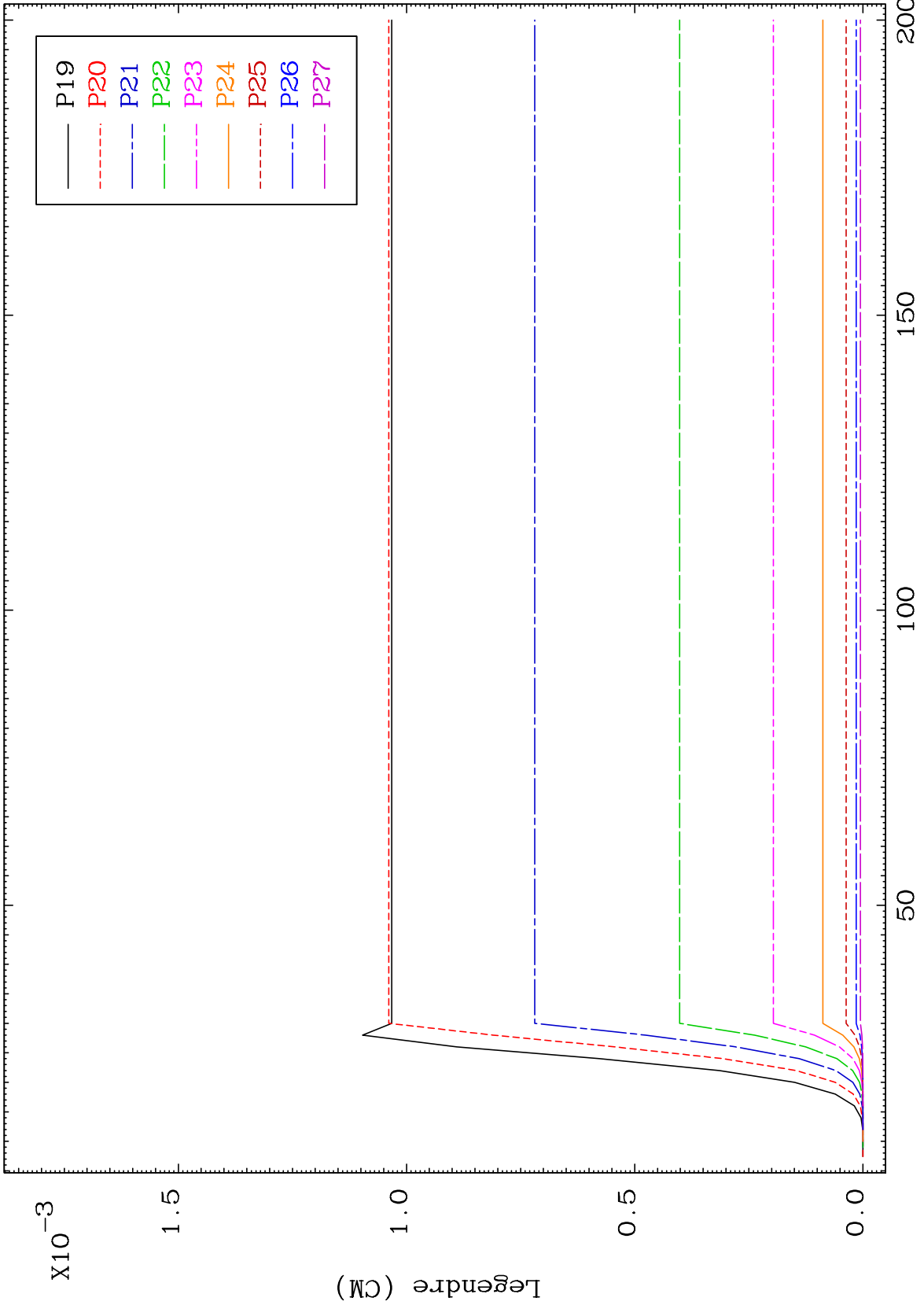
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



34

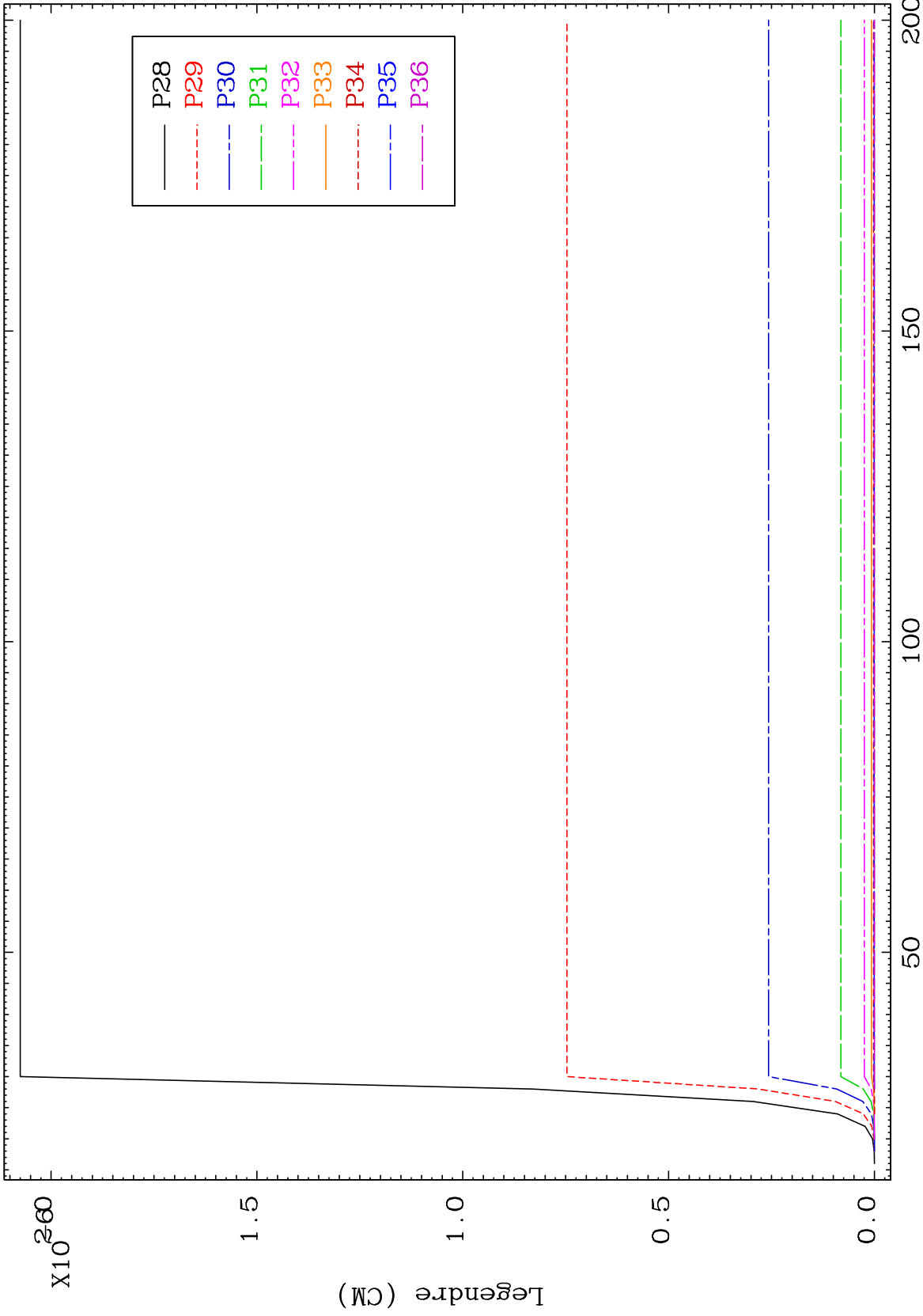
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



35

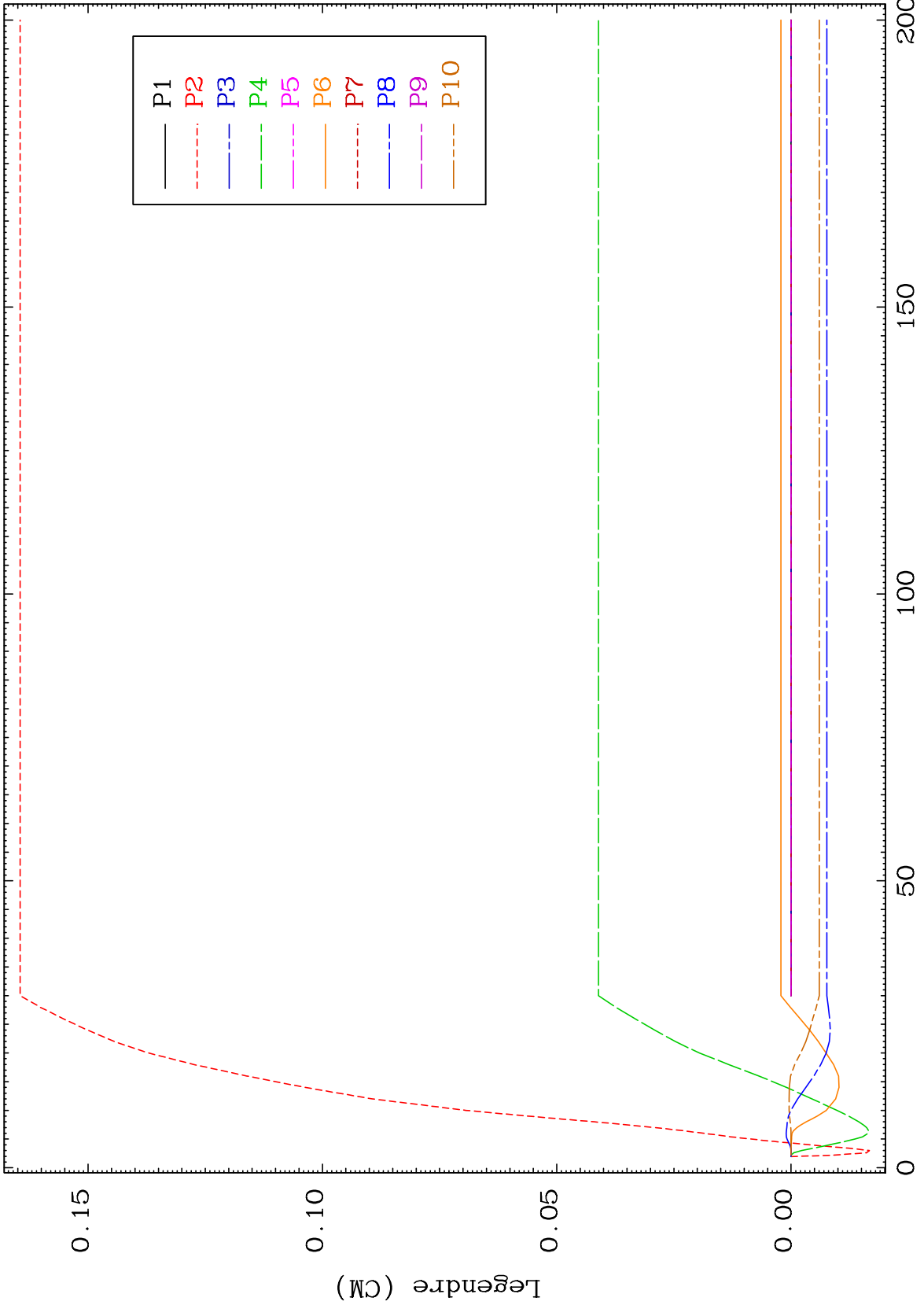
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



36

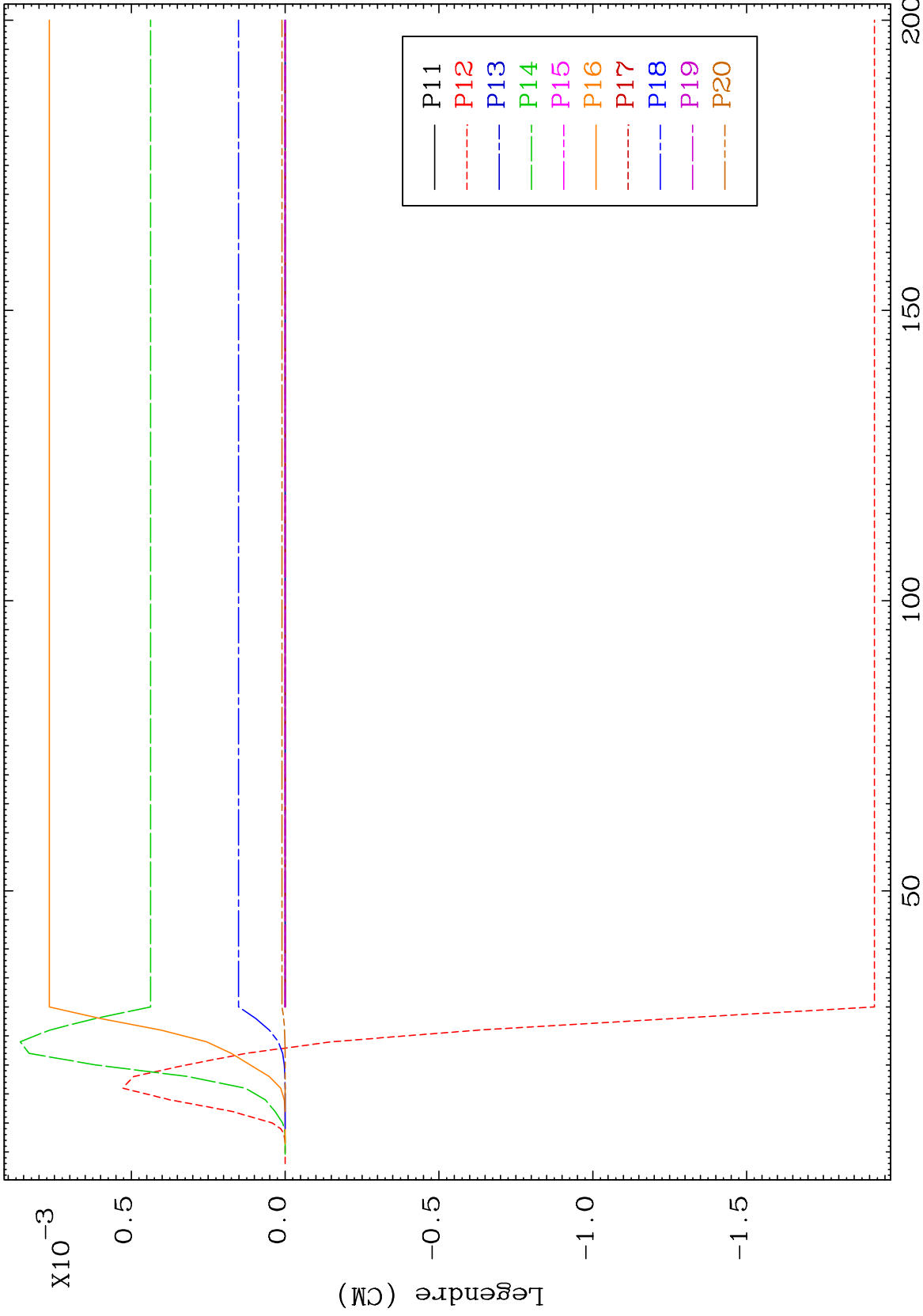
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134

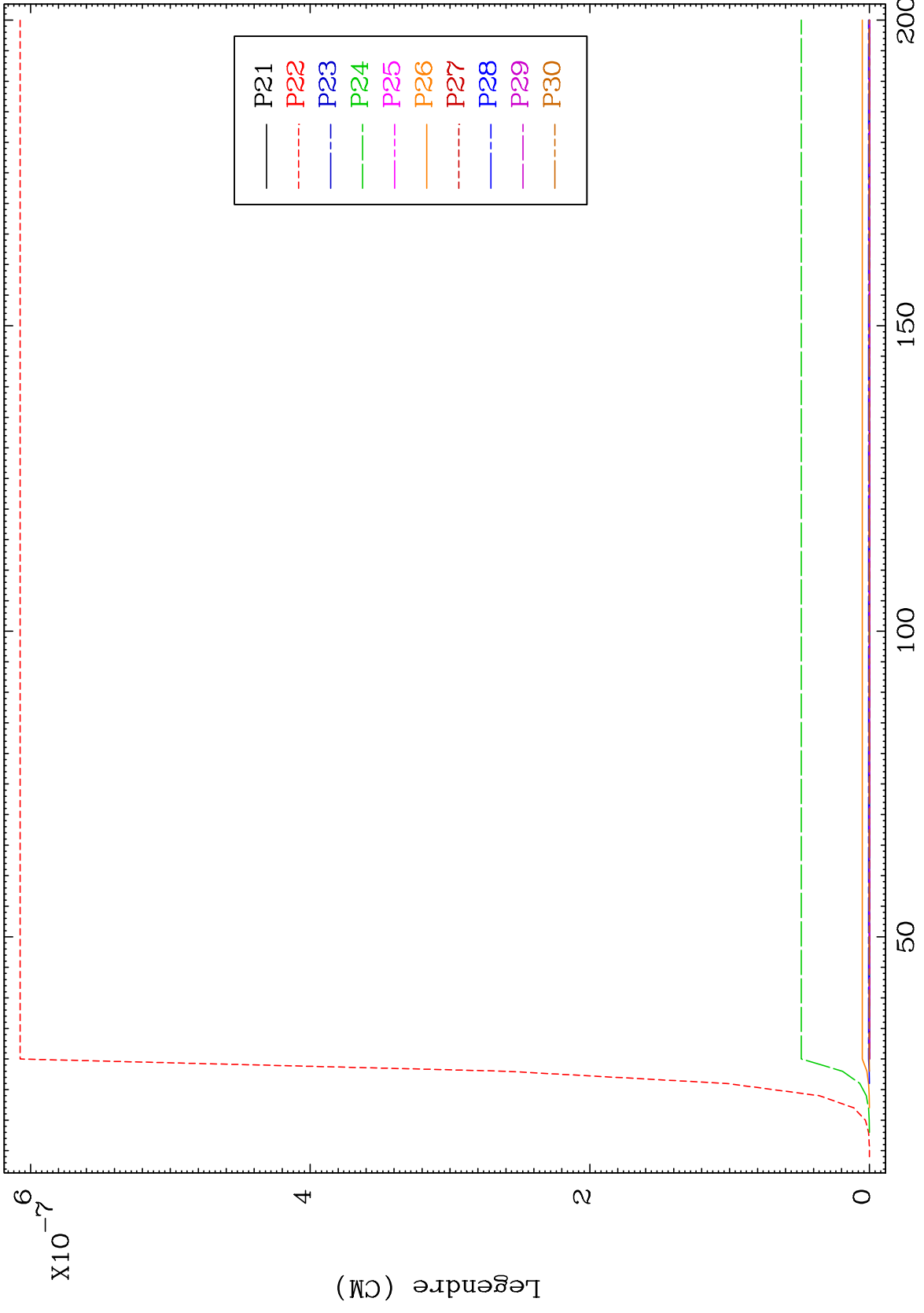


37

Incident Energy (MeV)

54-Xe-134

MAT 5455 MT= 55 (n,n') Level Legendre Coefficients 54-Xe-134

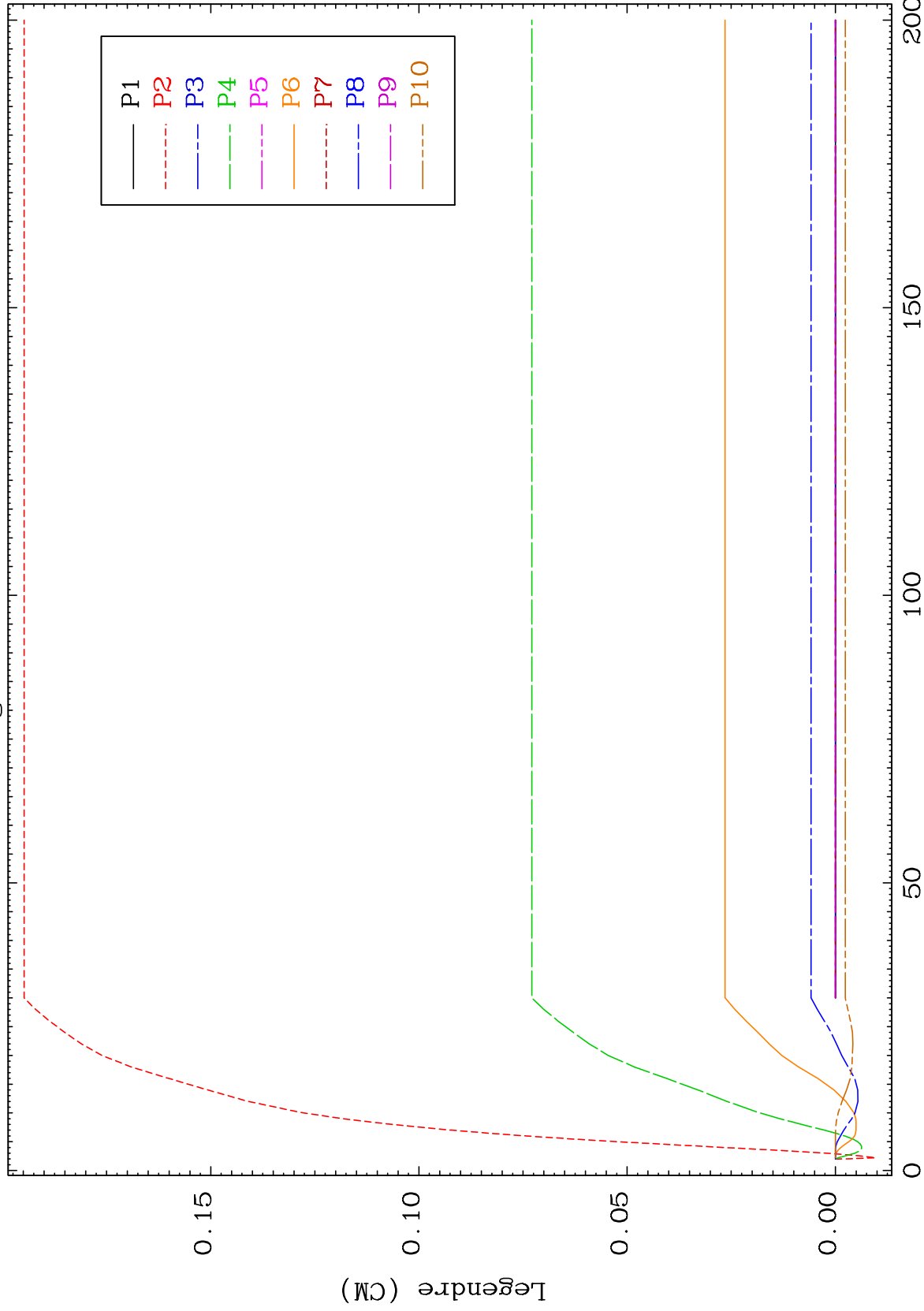


38 54-Xe-134

MAT 5455

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

54-Xe-134



39

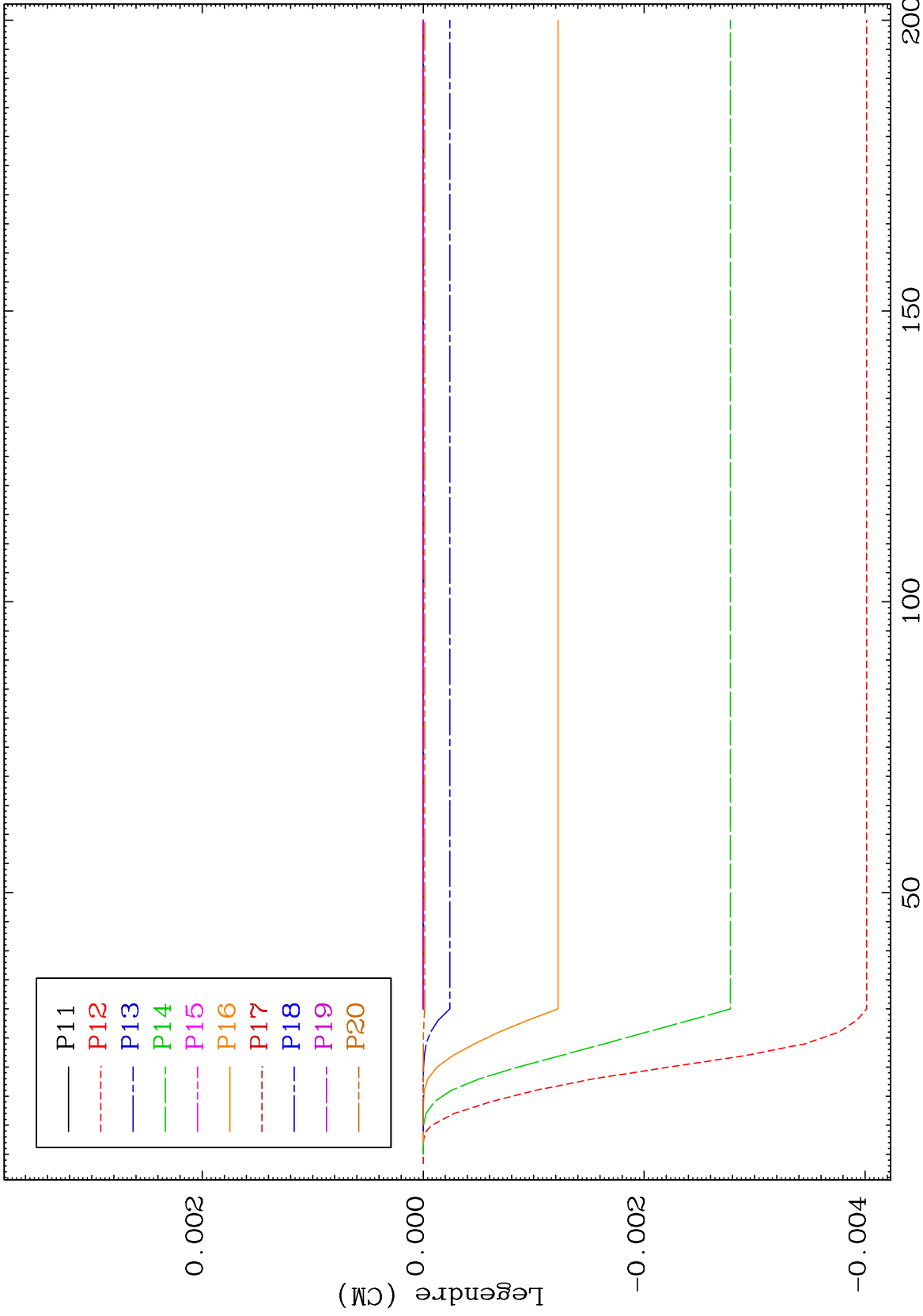
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



40

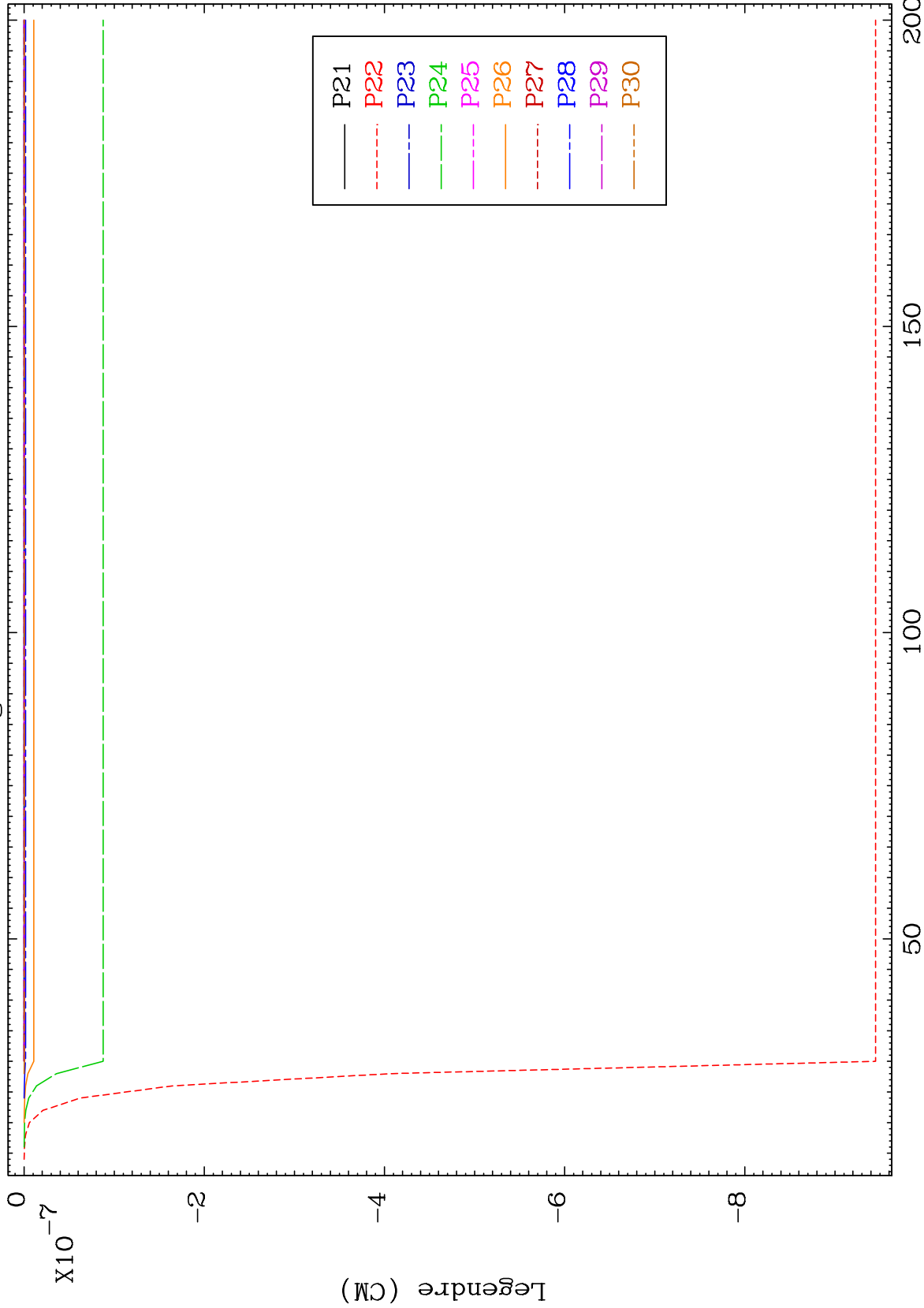
Incident Energy (MeV)

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MAT 5455

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

54-Xe-134



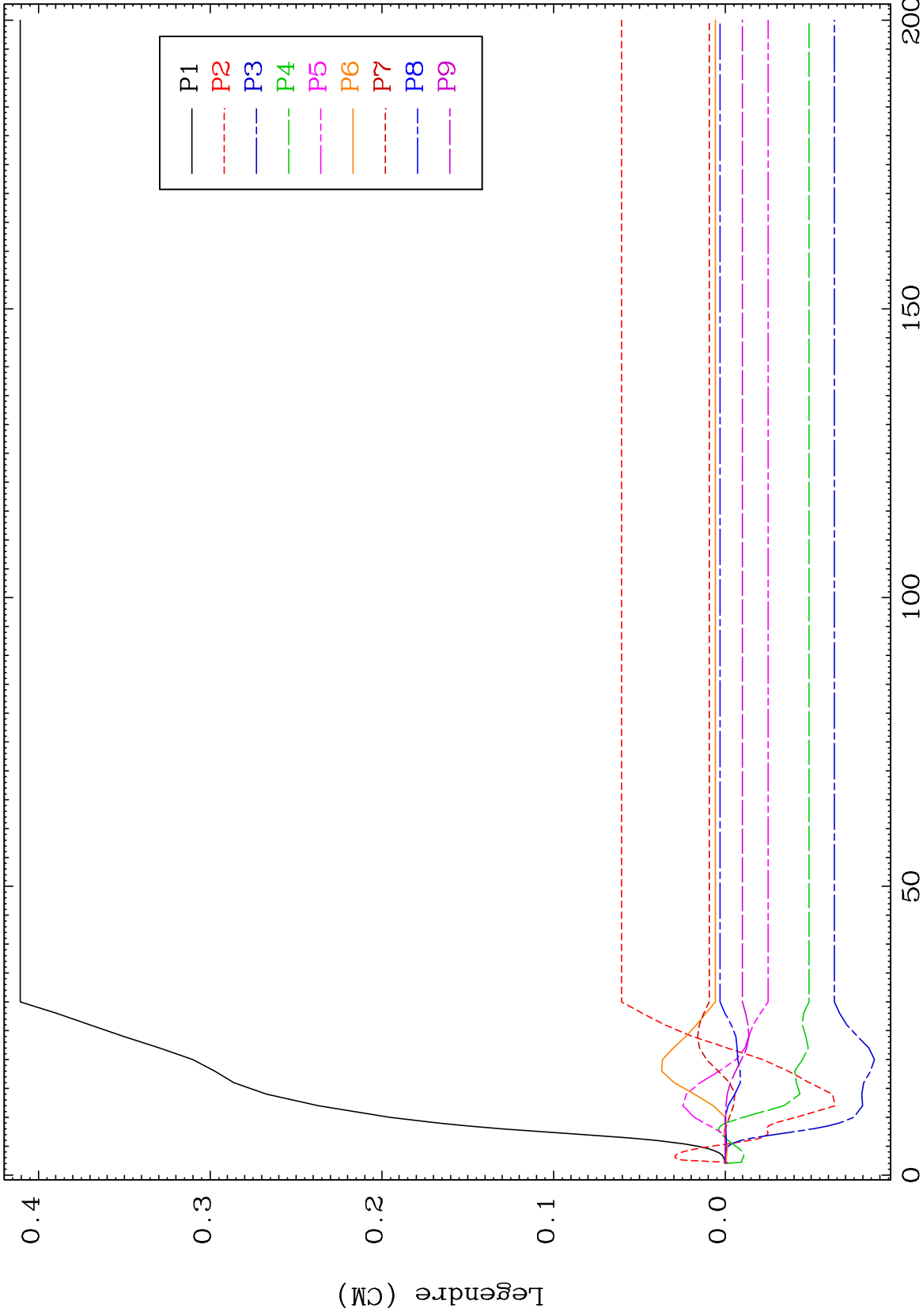
41

54-Xe-134

MAT 5455

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

54-Xe-134



42

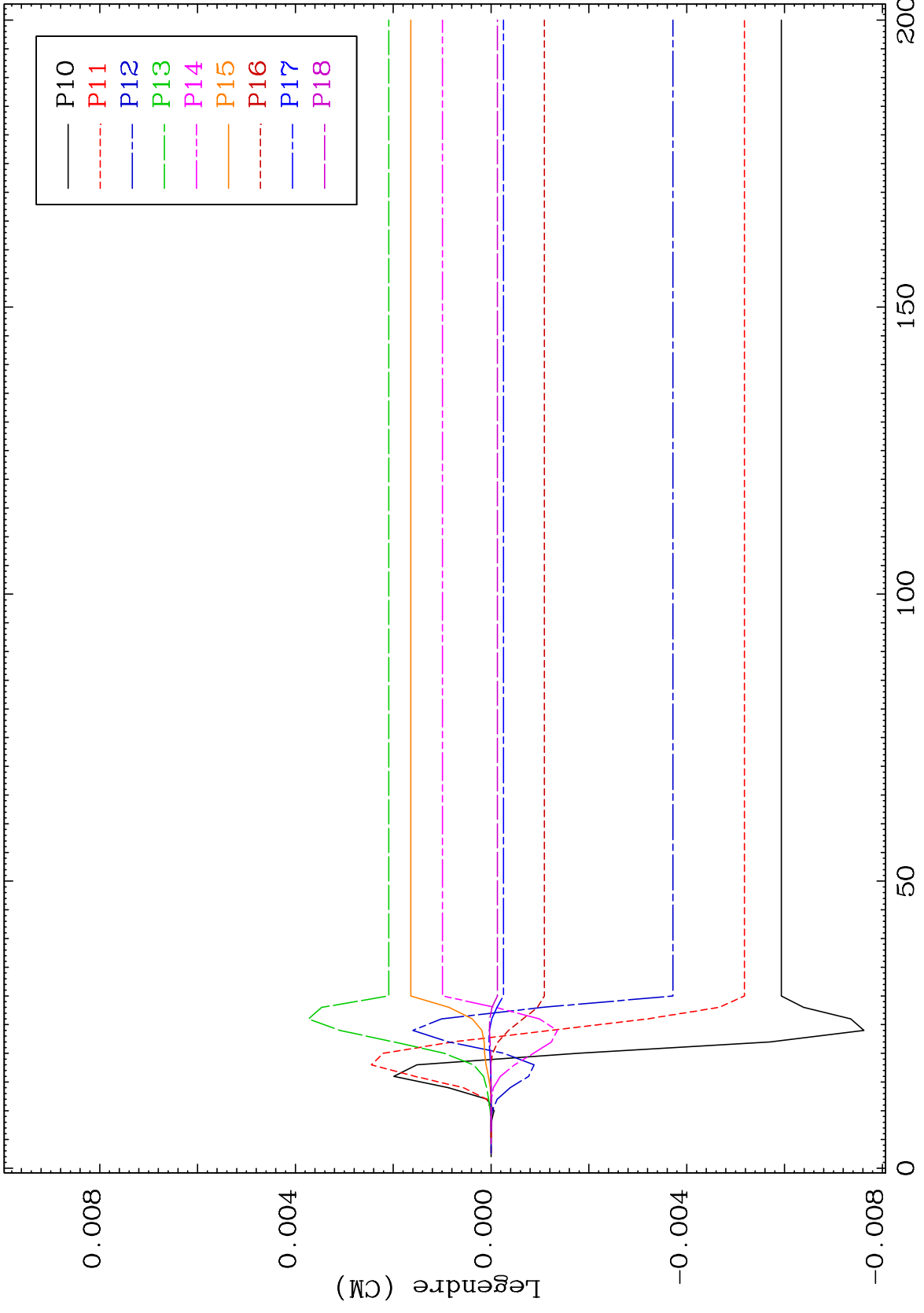
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



43

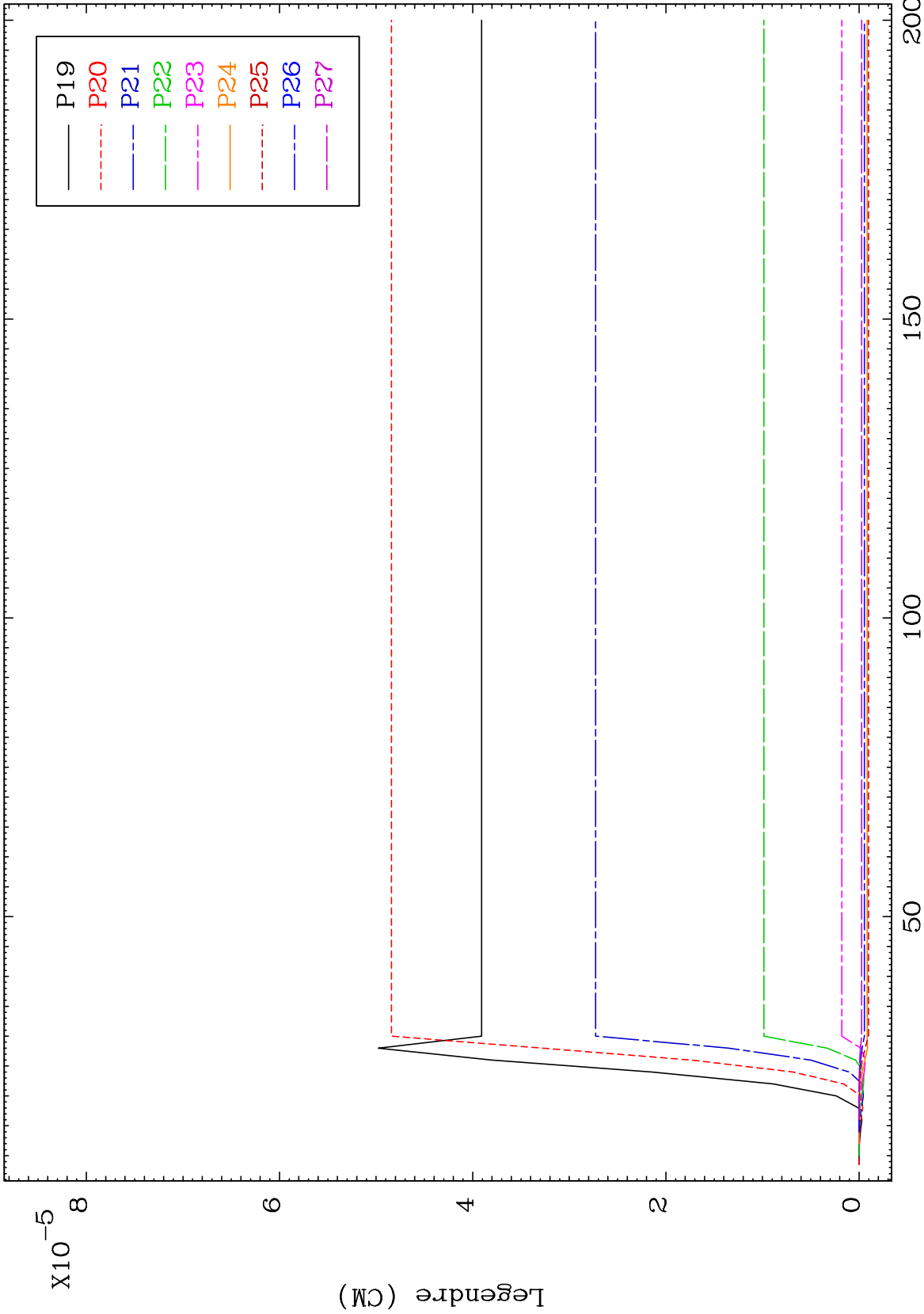
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134

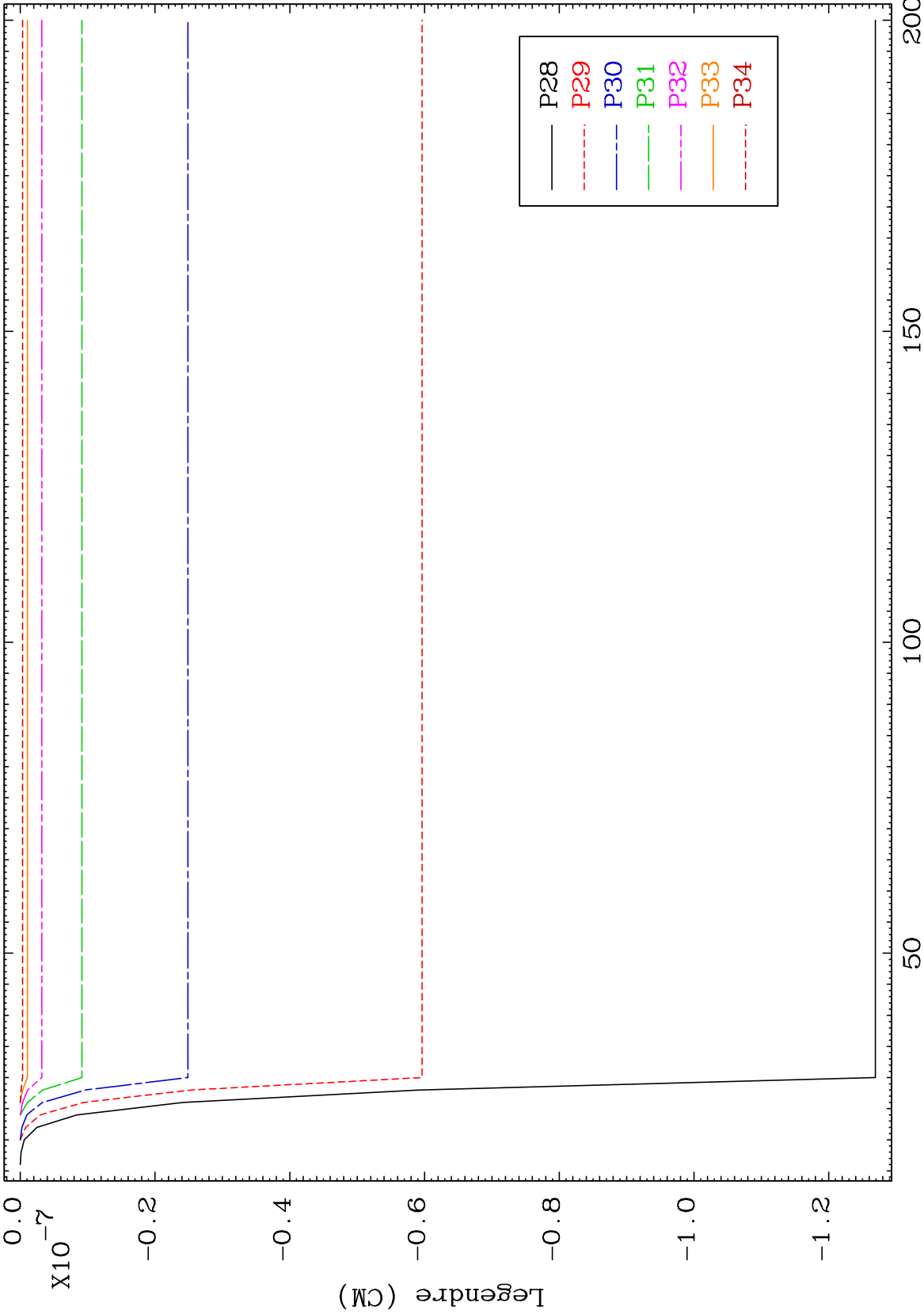


44

Incident Energy (MeV)

54-Xe-134

MAT 5455 MT= 57 (n,n') Level Legendre Coefficients 54-Xe-134

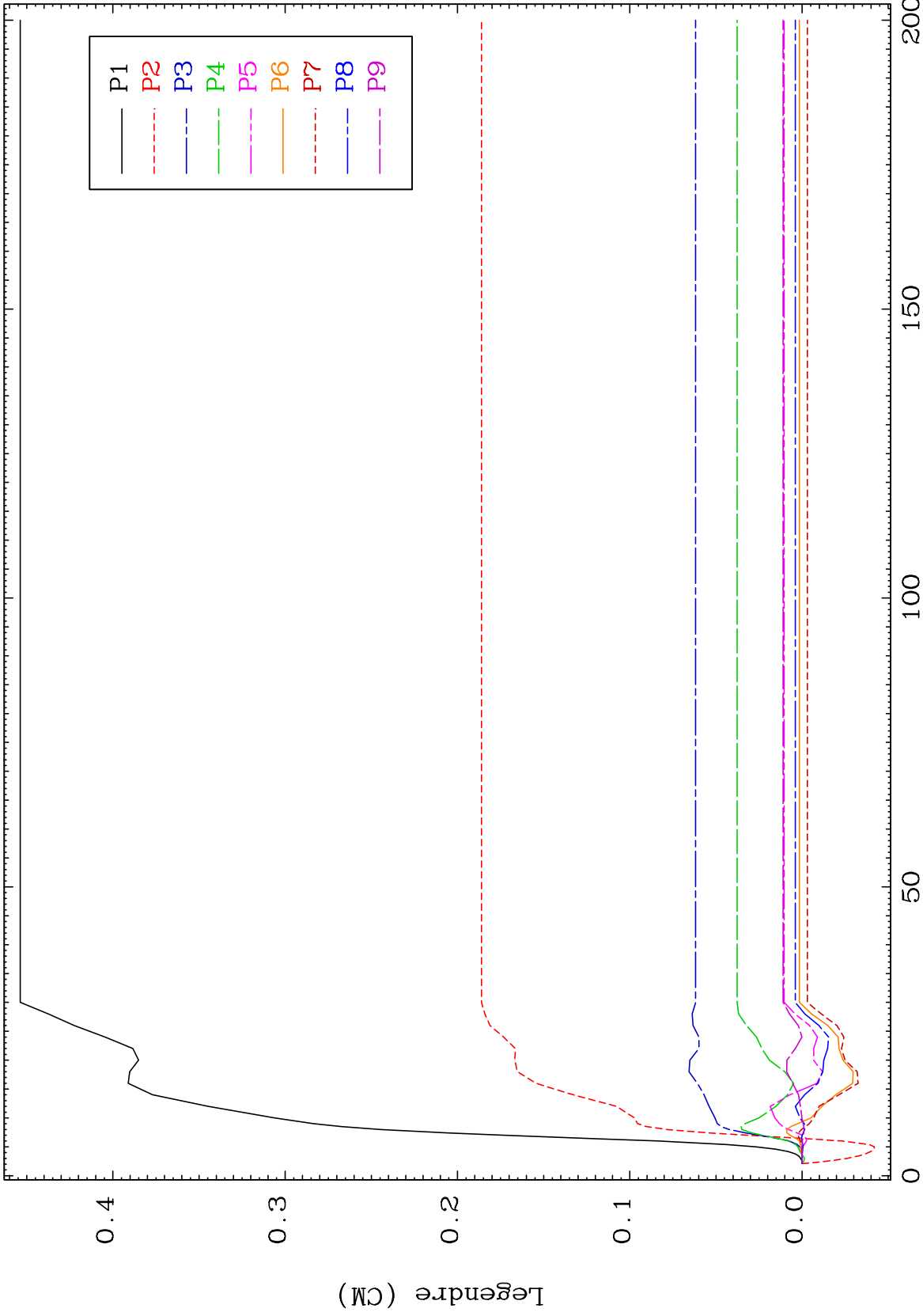


45 Incident Energy (MeV) 54-Xe-134

MAT 5455

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

54-Xe-134



46

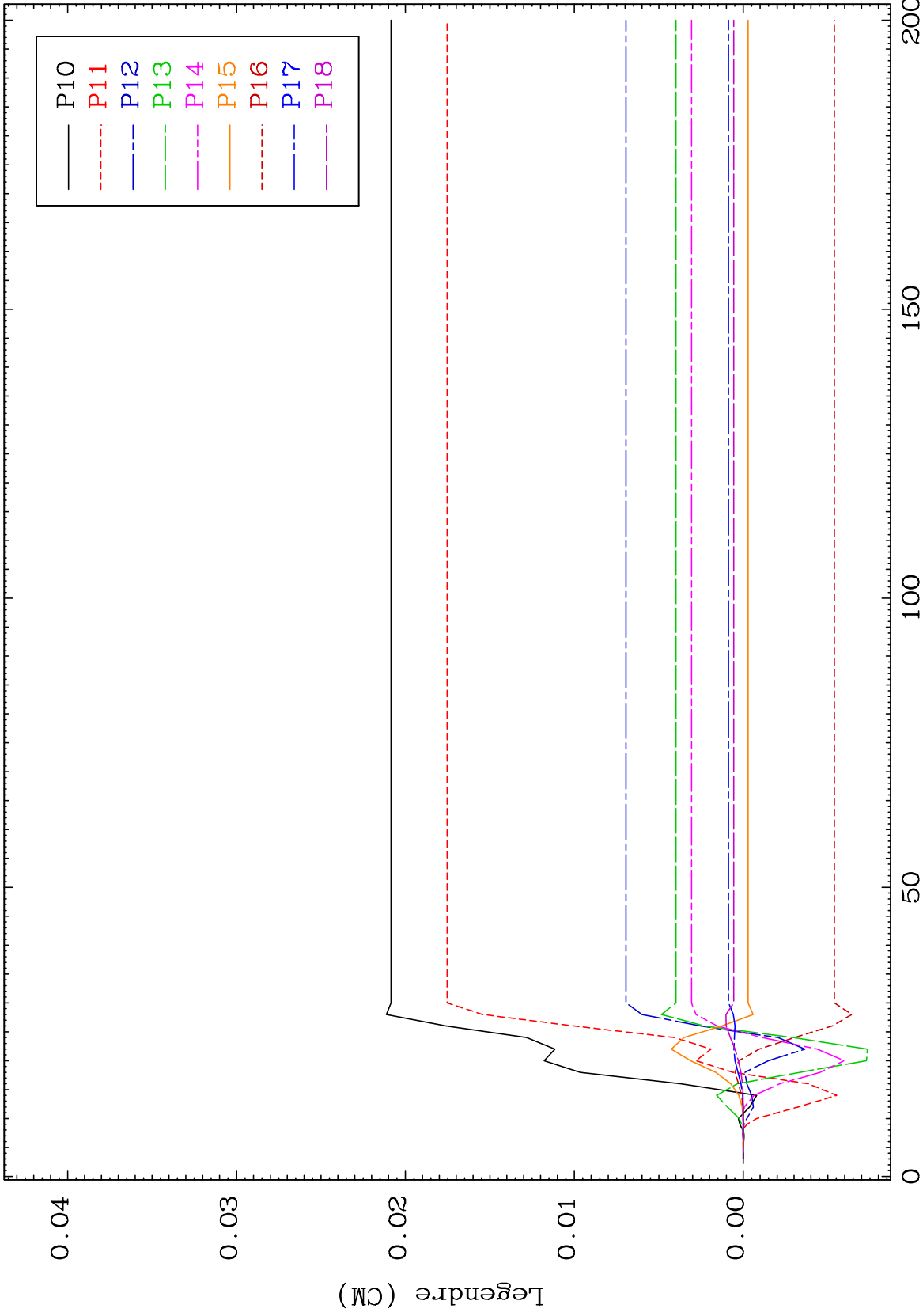
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



47

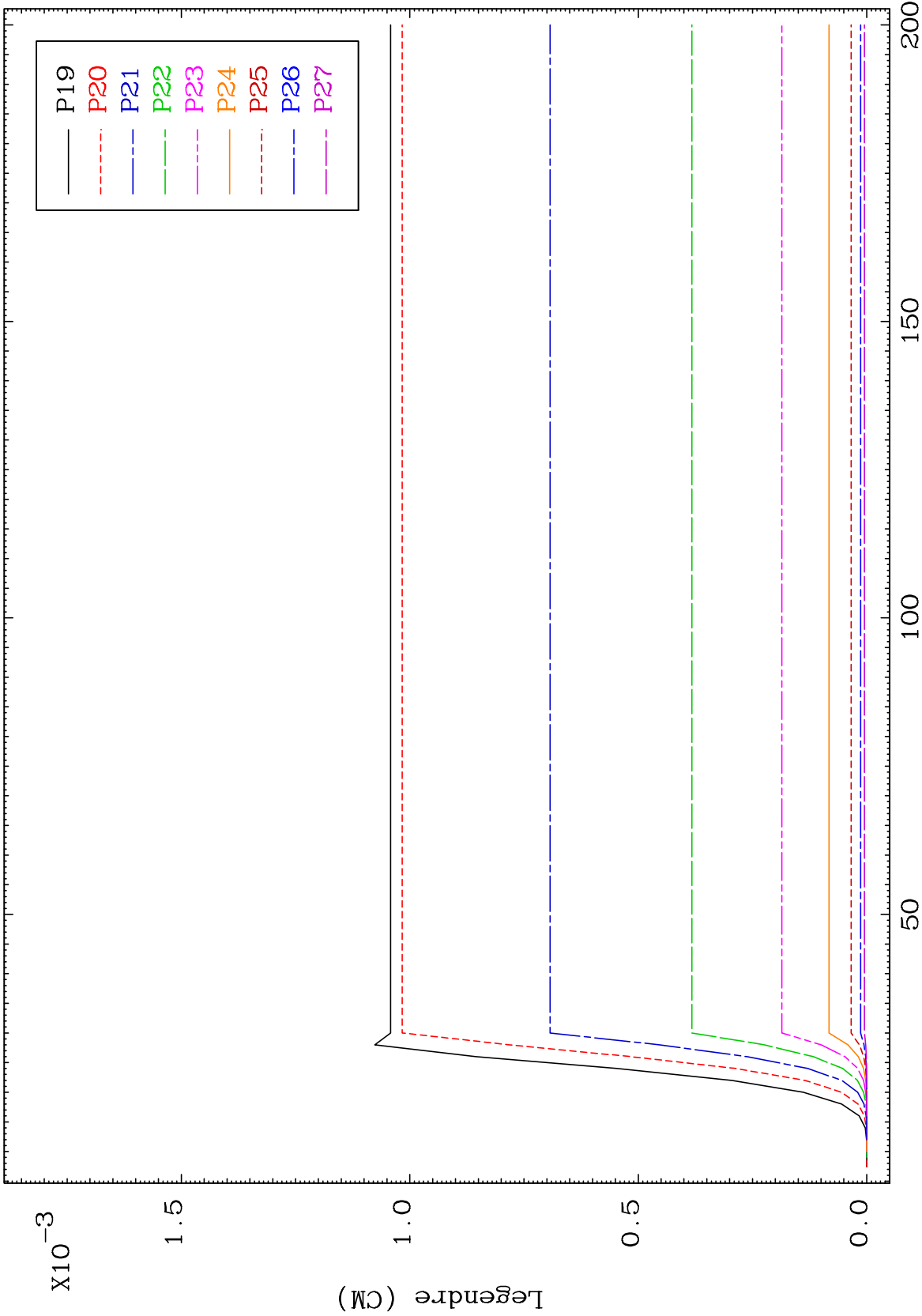
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



48

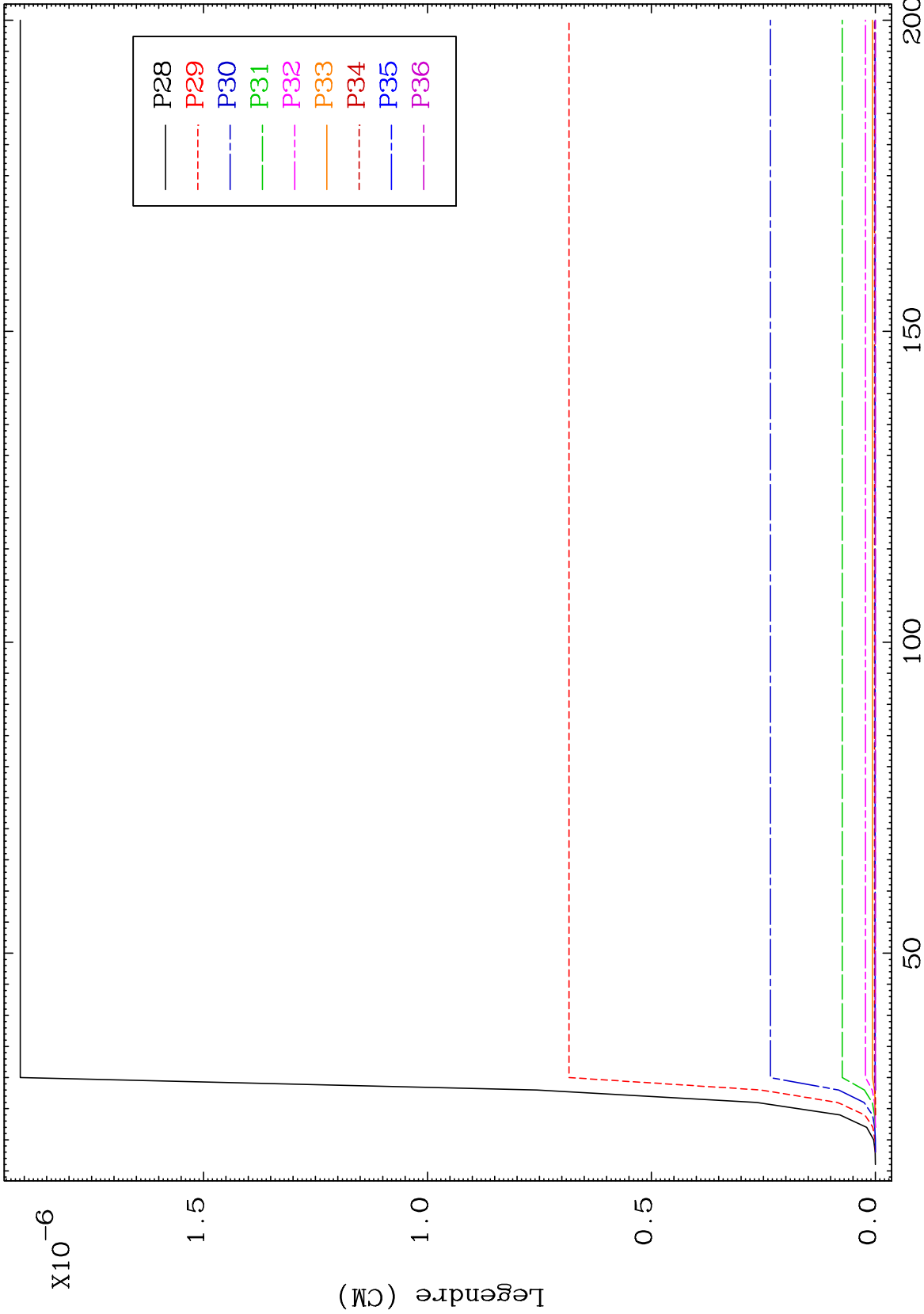
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



49

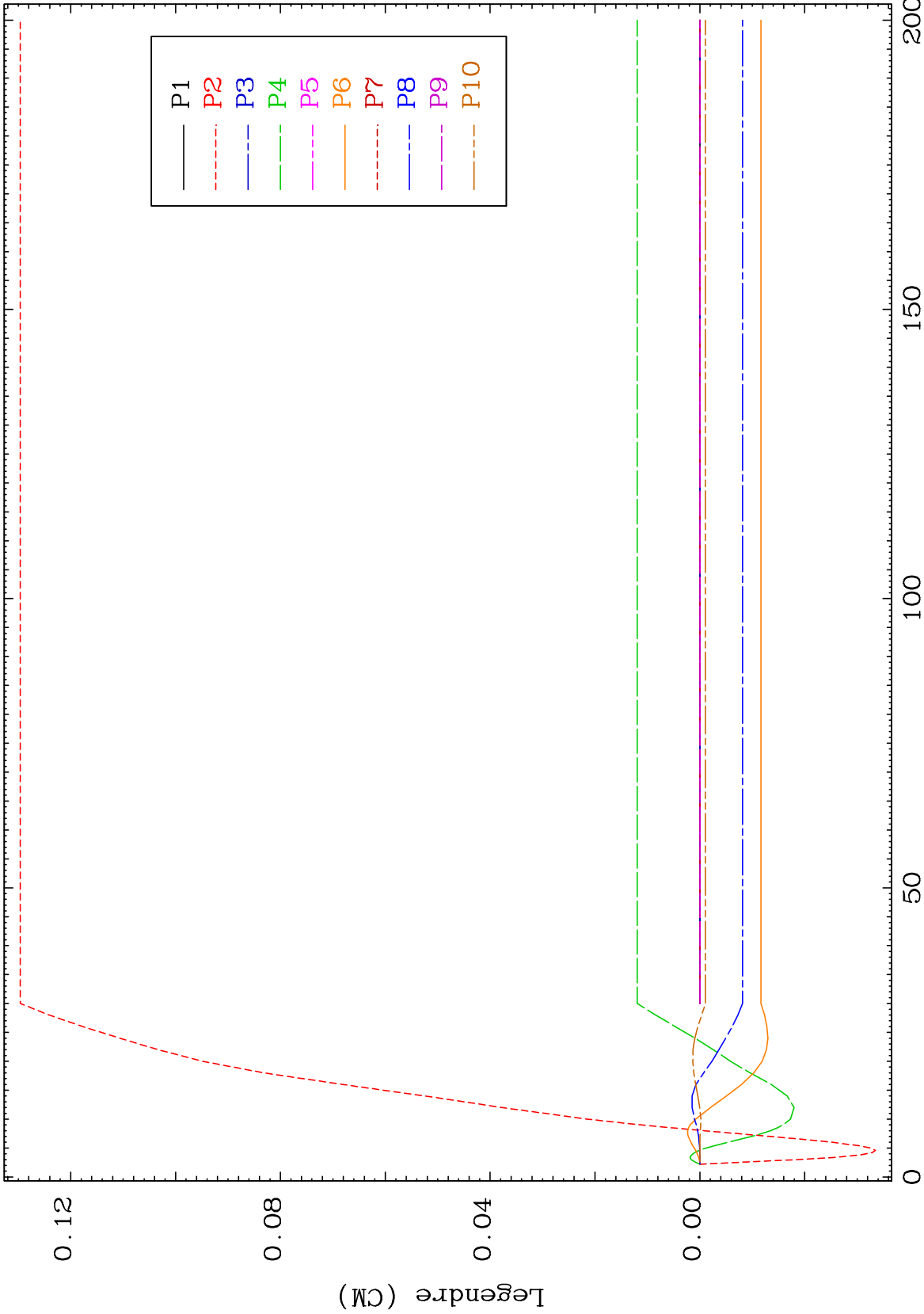
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



54-Xe-134

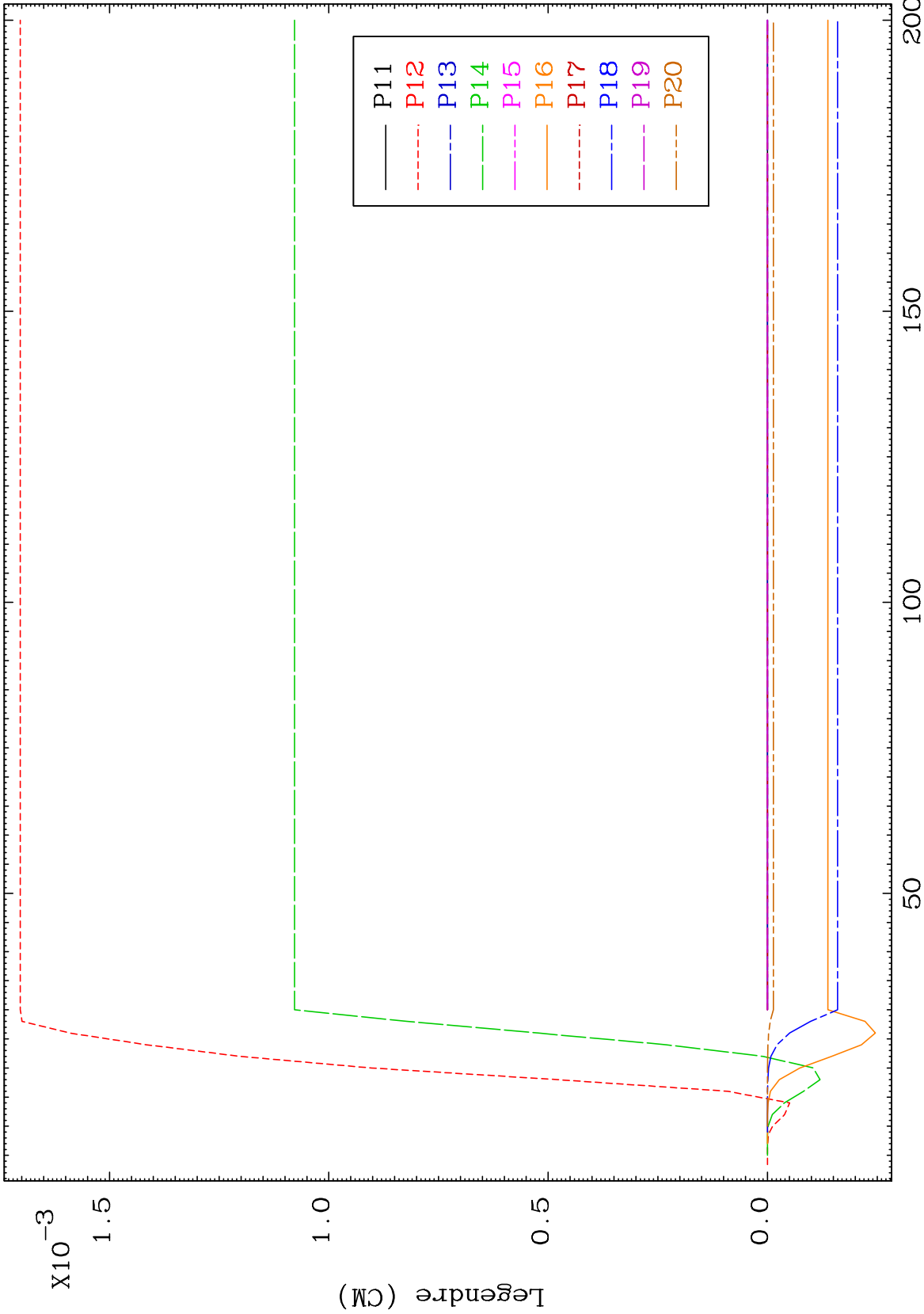
Incident Energy (MeV)

50

MAT 5455

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

54-Xe-134



51

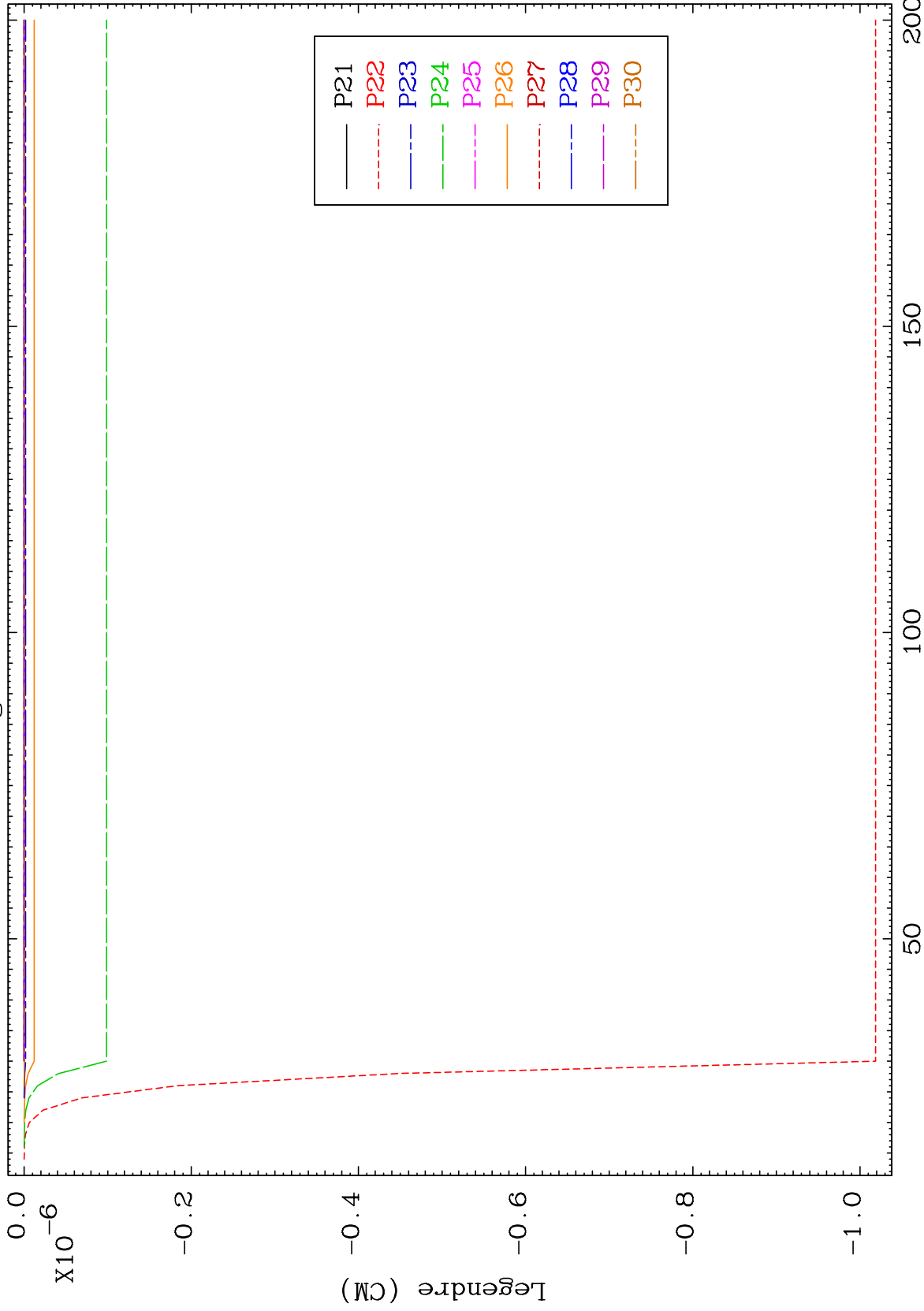
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134

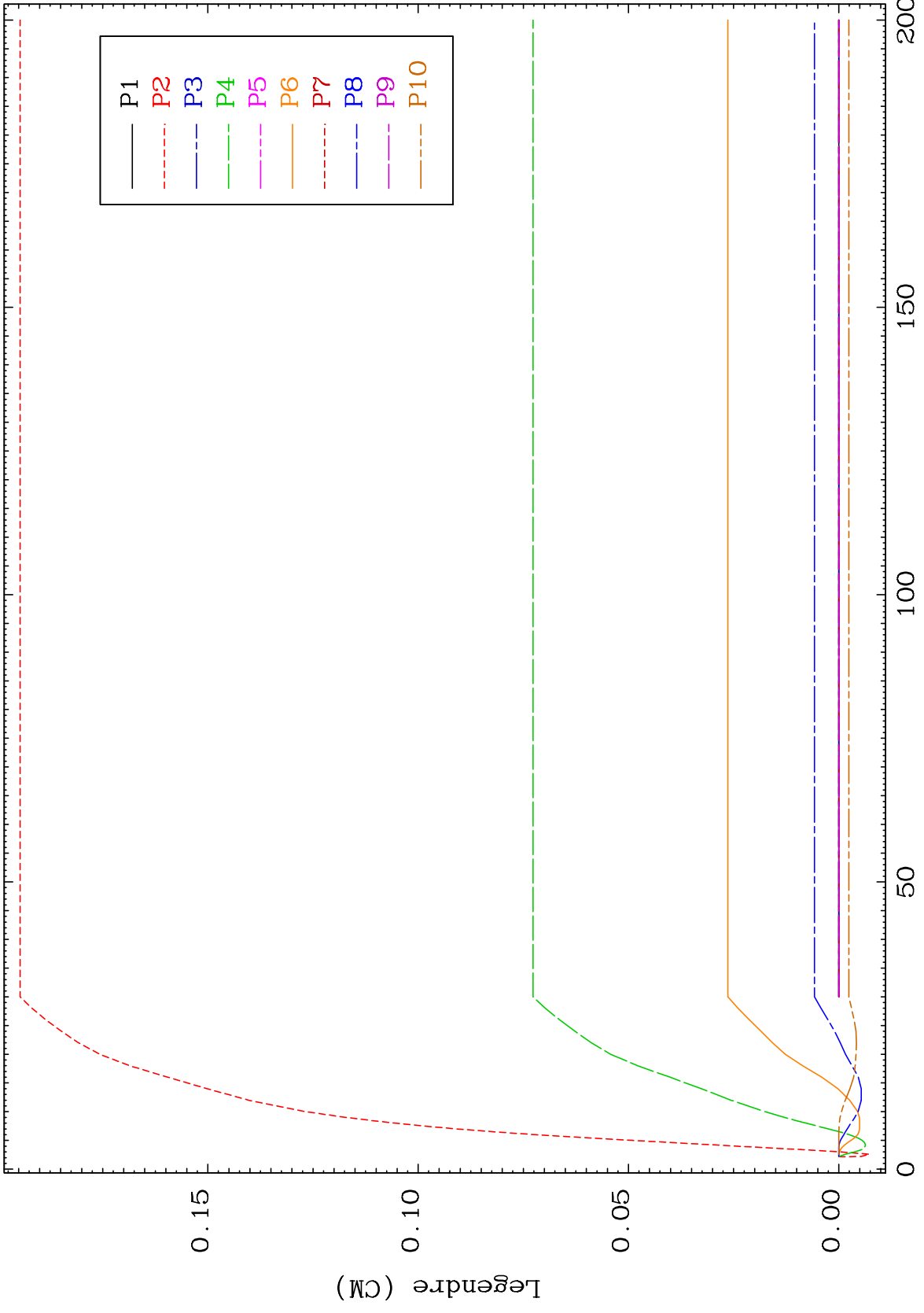


52

54-Xe-134

54-Xe-134

MAT 5455 MT= 60 (n,n') Level Legendre Coefficients 54-Xe-134

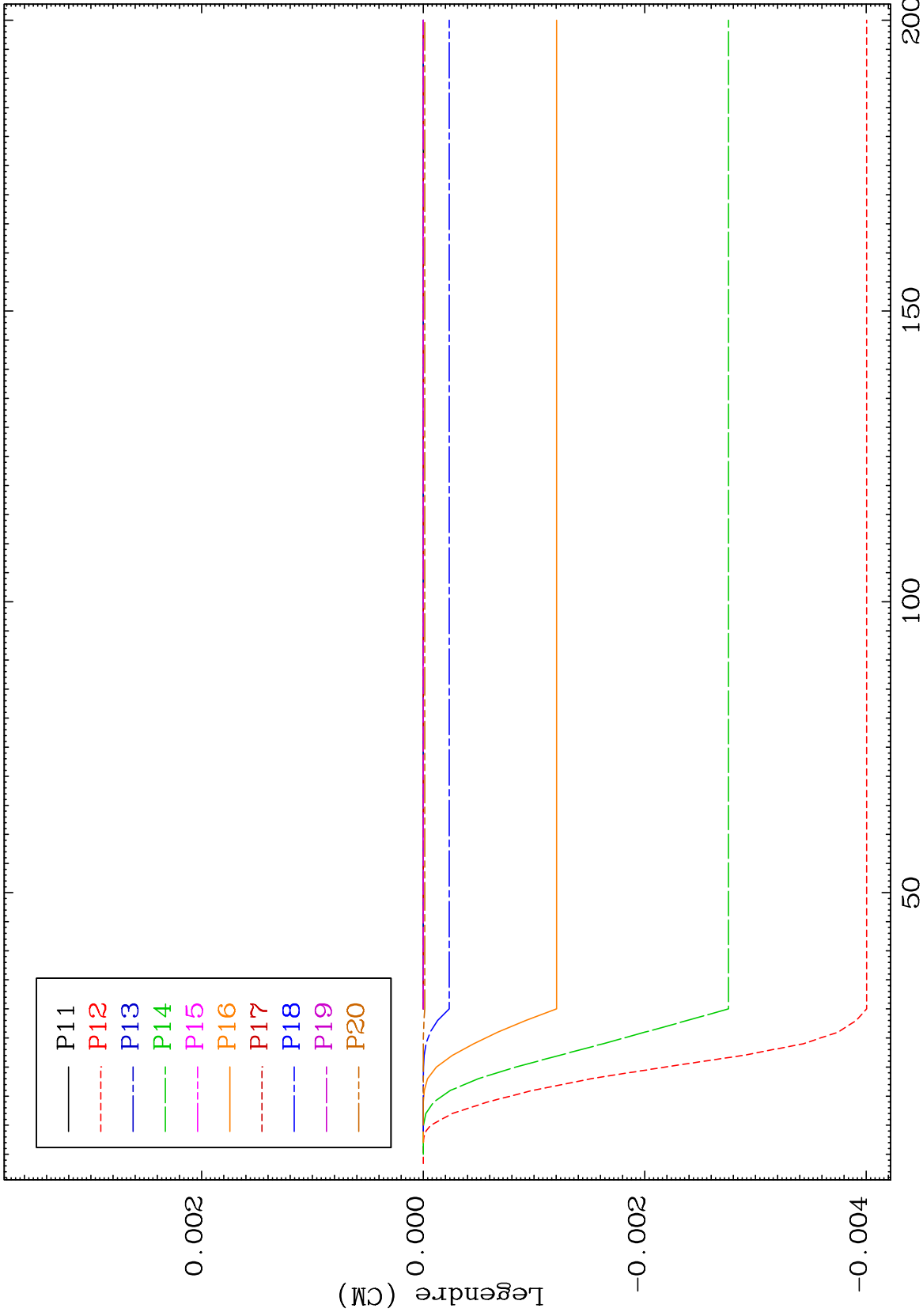


53 54-Xe-134

MAT 5455

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

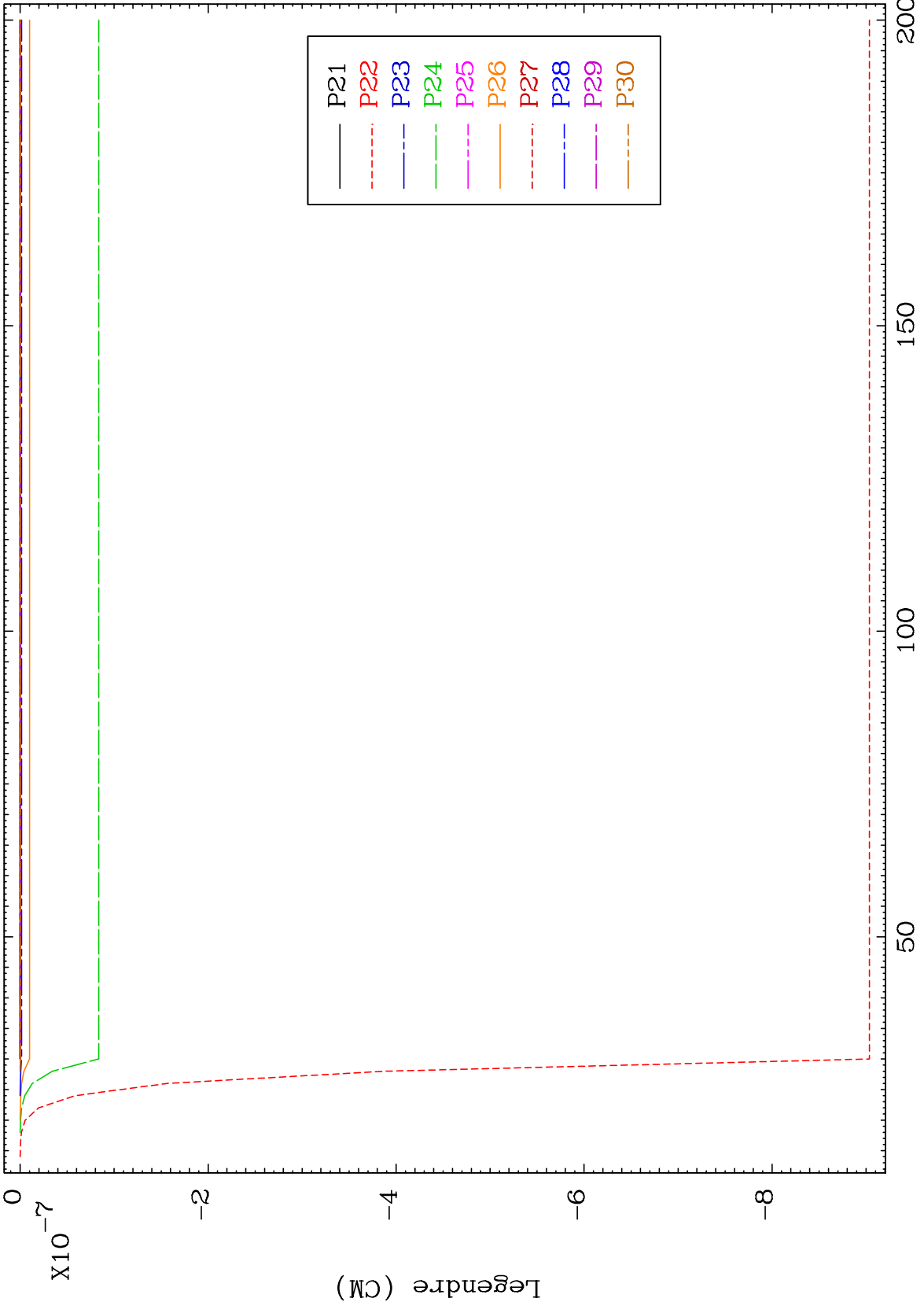
54-Xe-134



54

54-Xe-134

MAT 5455 MT= 60 (n,n') Level Legendre Coefficients 54-Xe-134

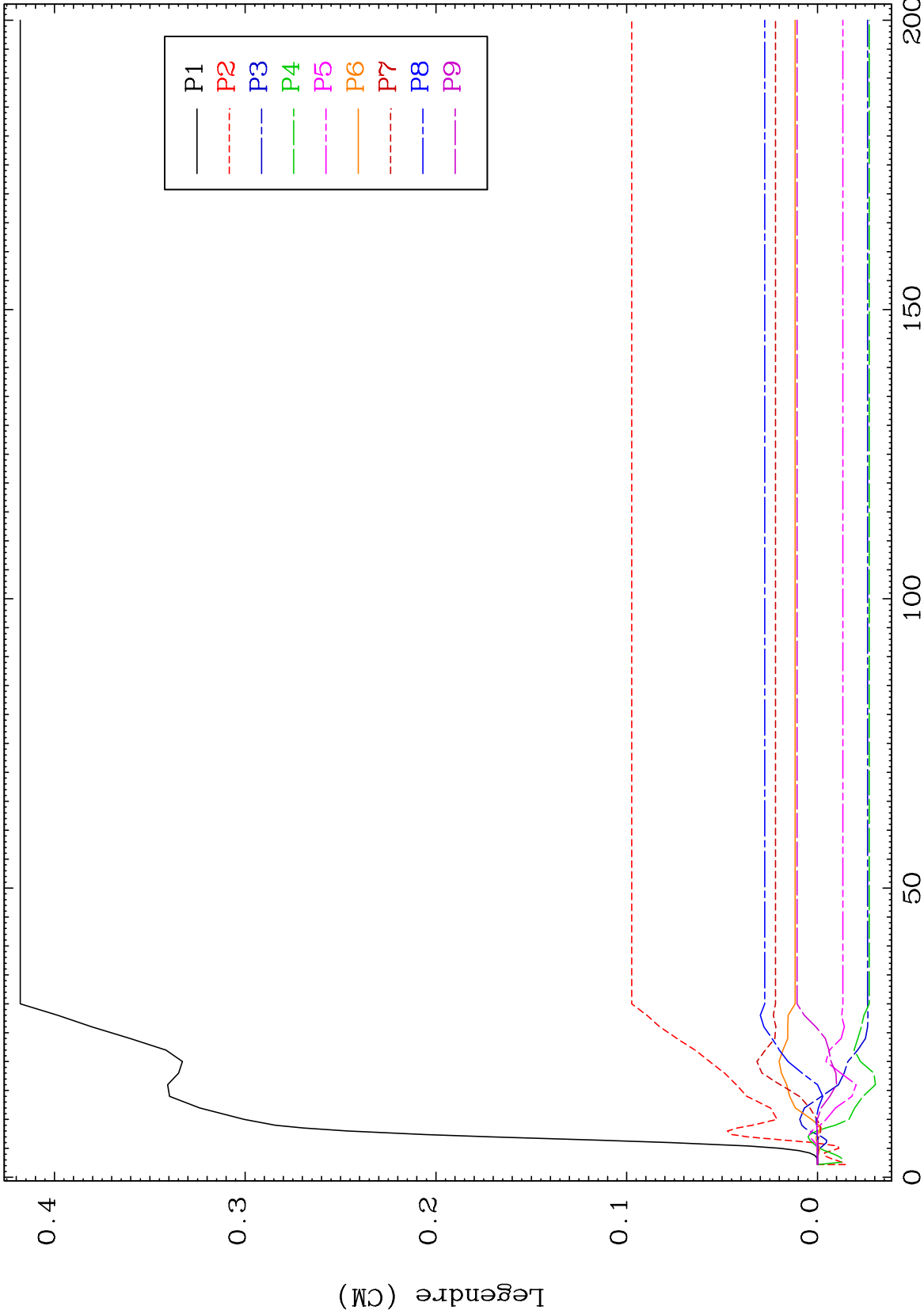


55 54-Xe-134

MAT 5455

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

54-Xe-134



56

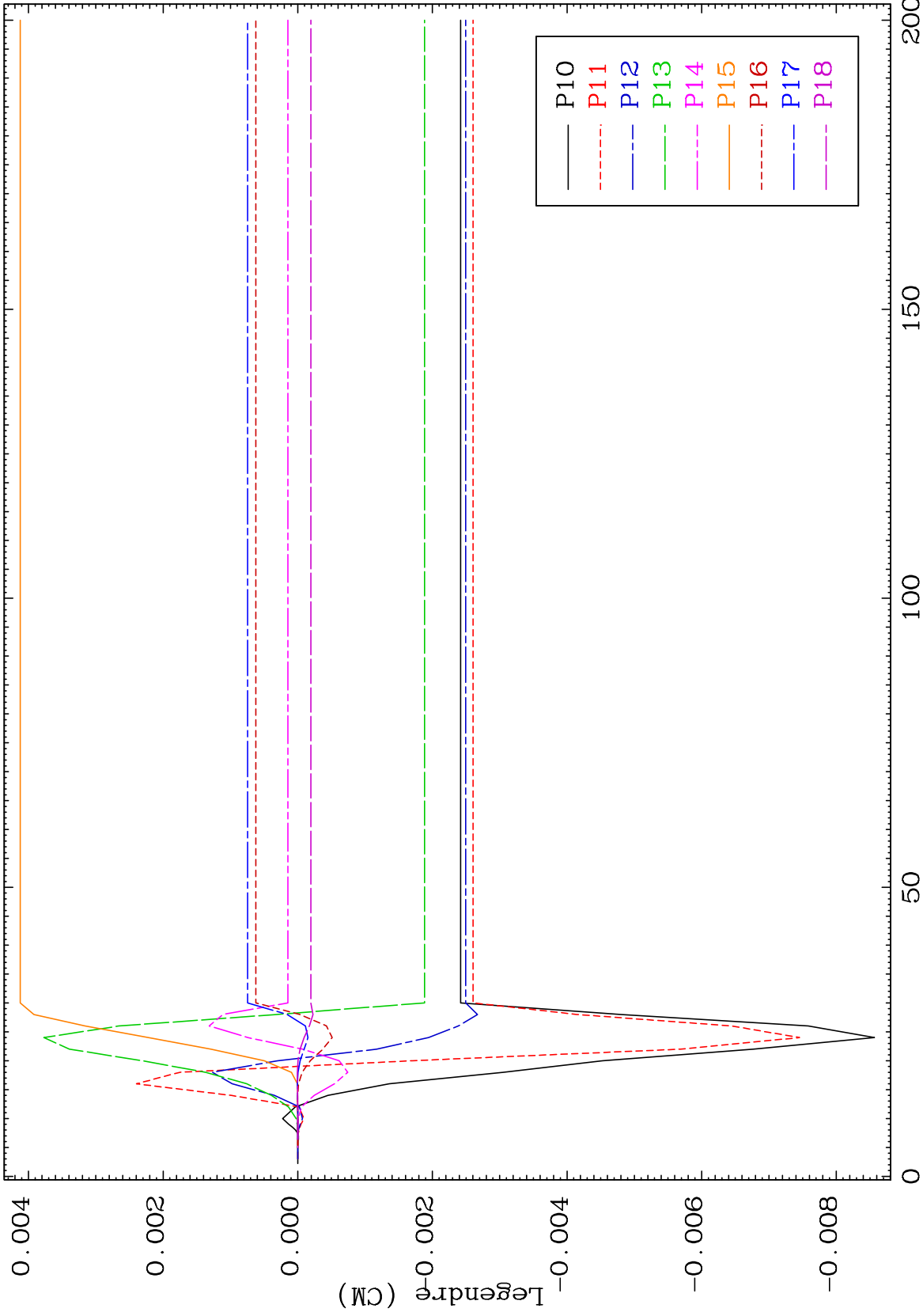
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



57

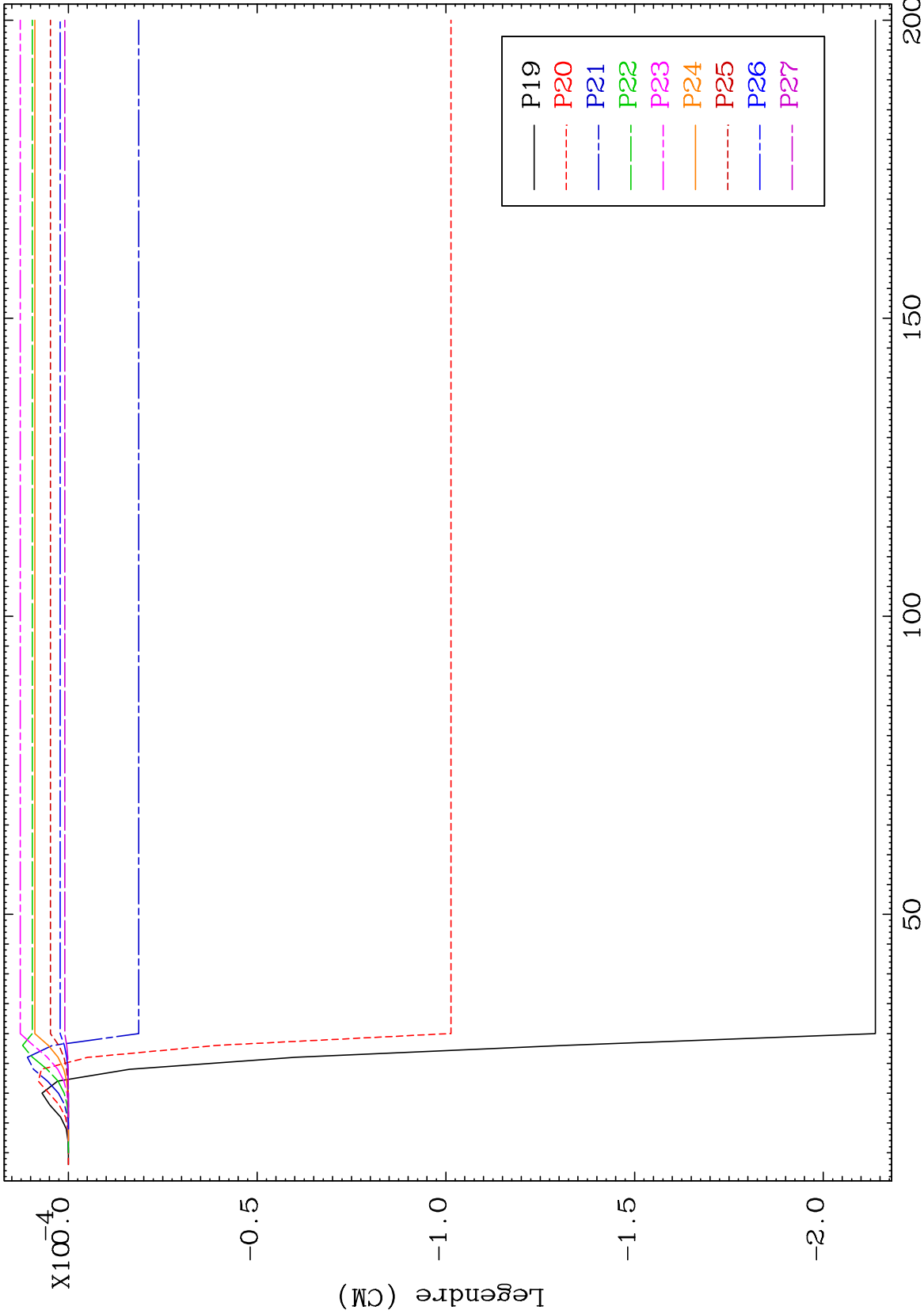
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



58

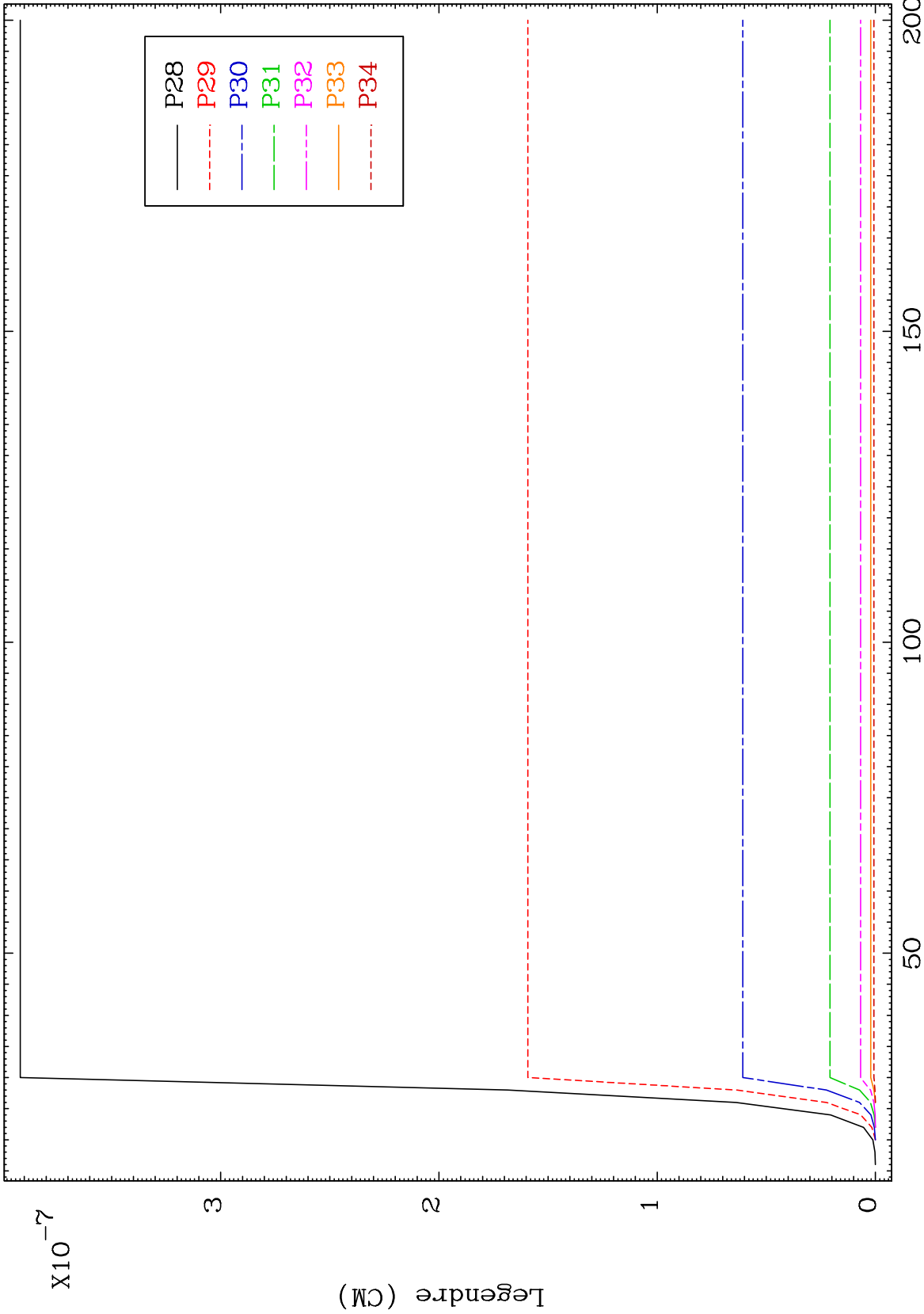
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



59

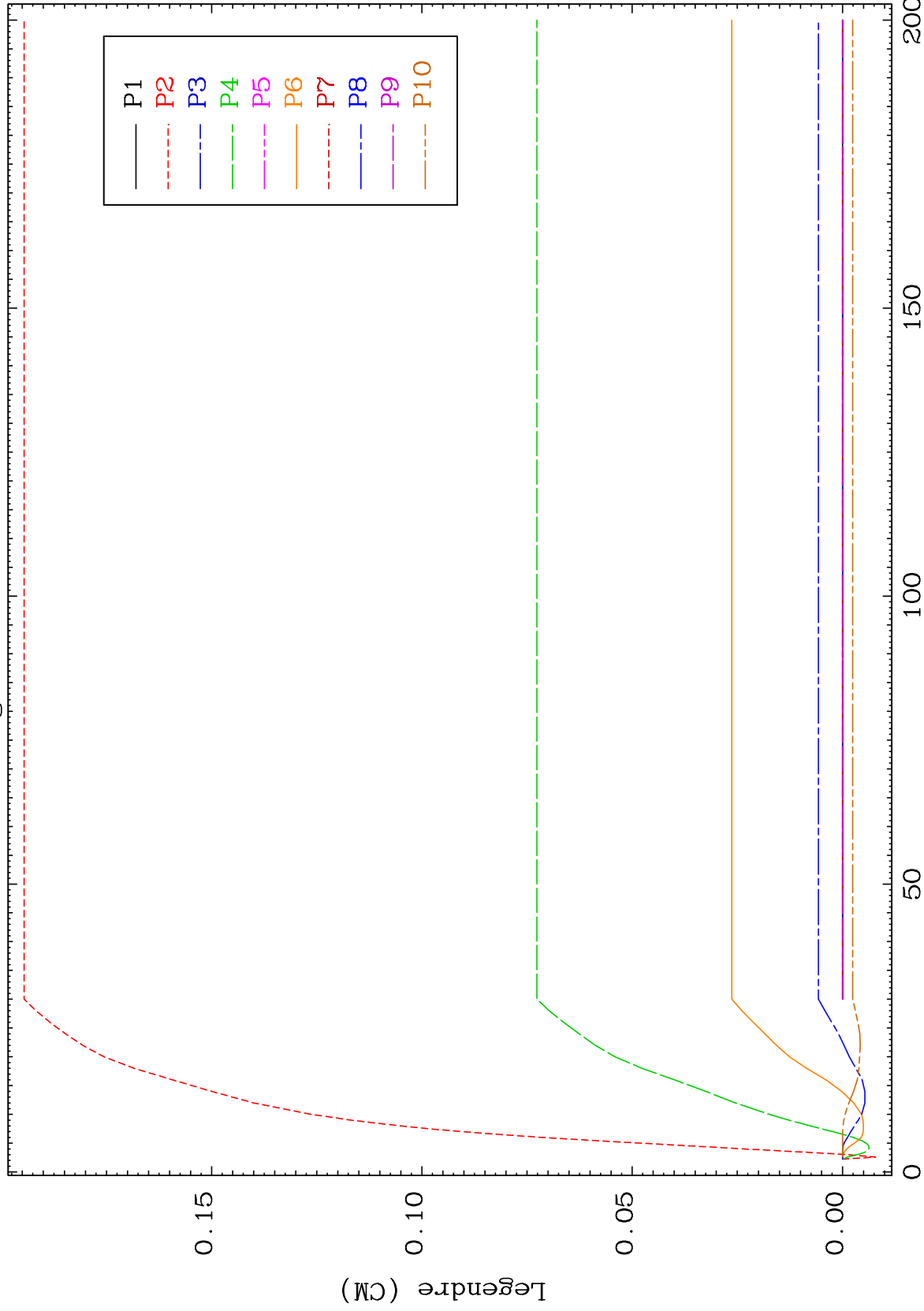
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



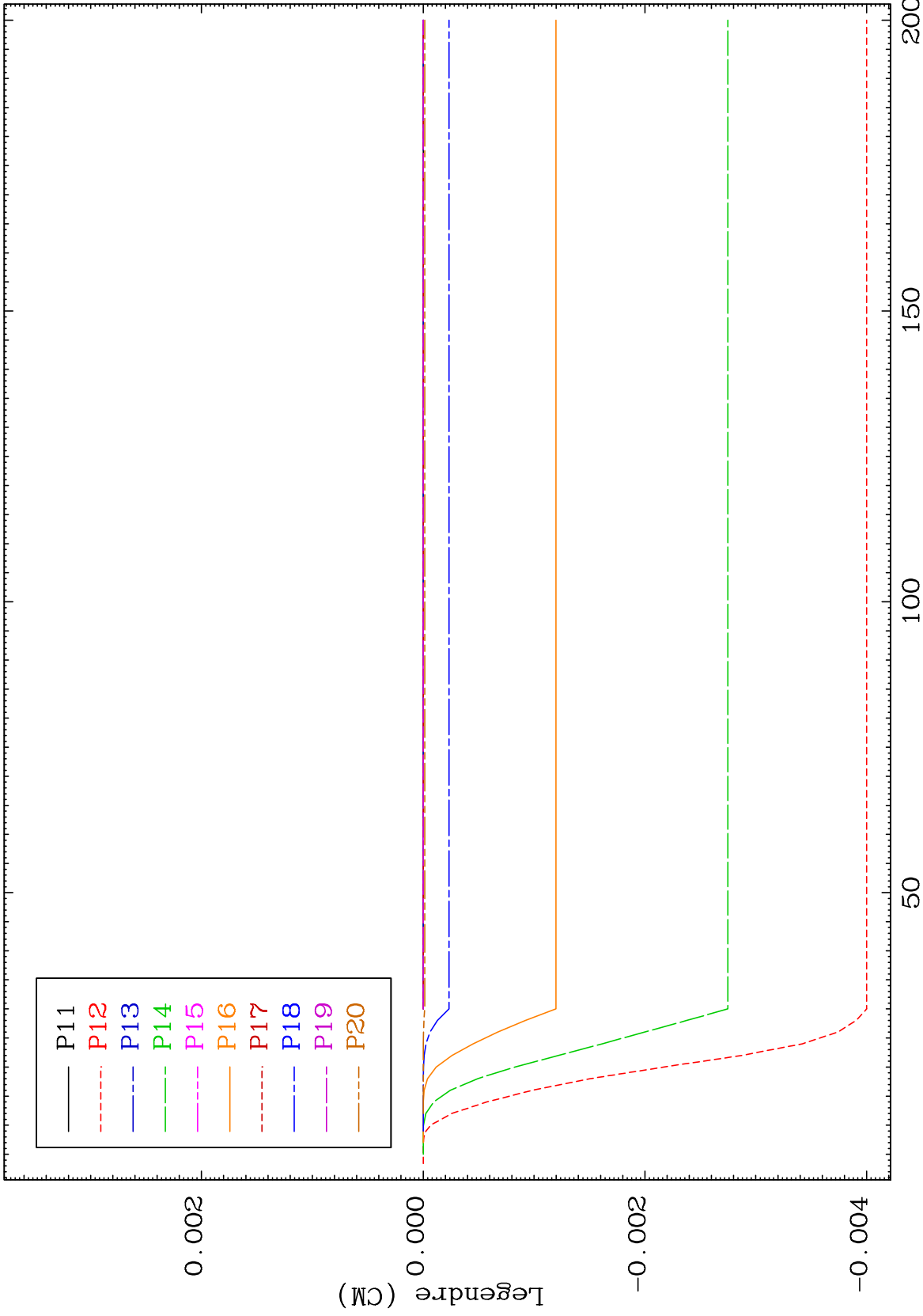
54-Xe-134

Incident Energy (MeV)

MAT 5455

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

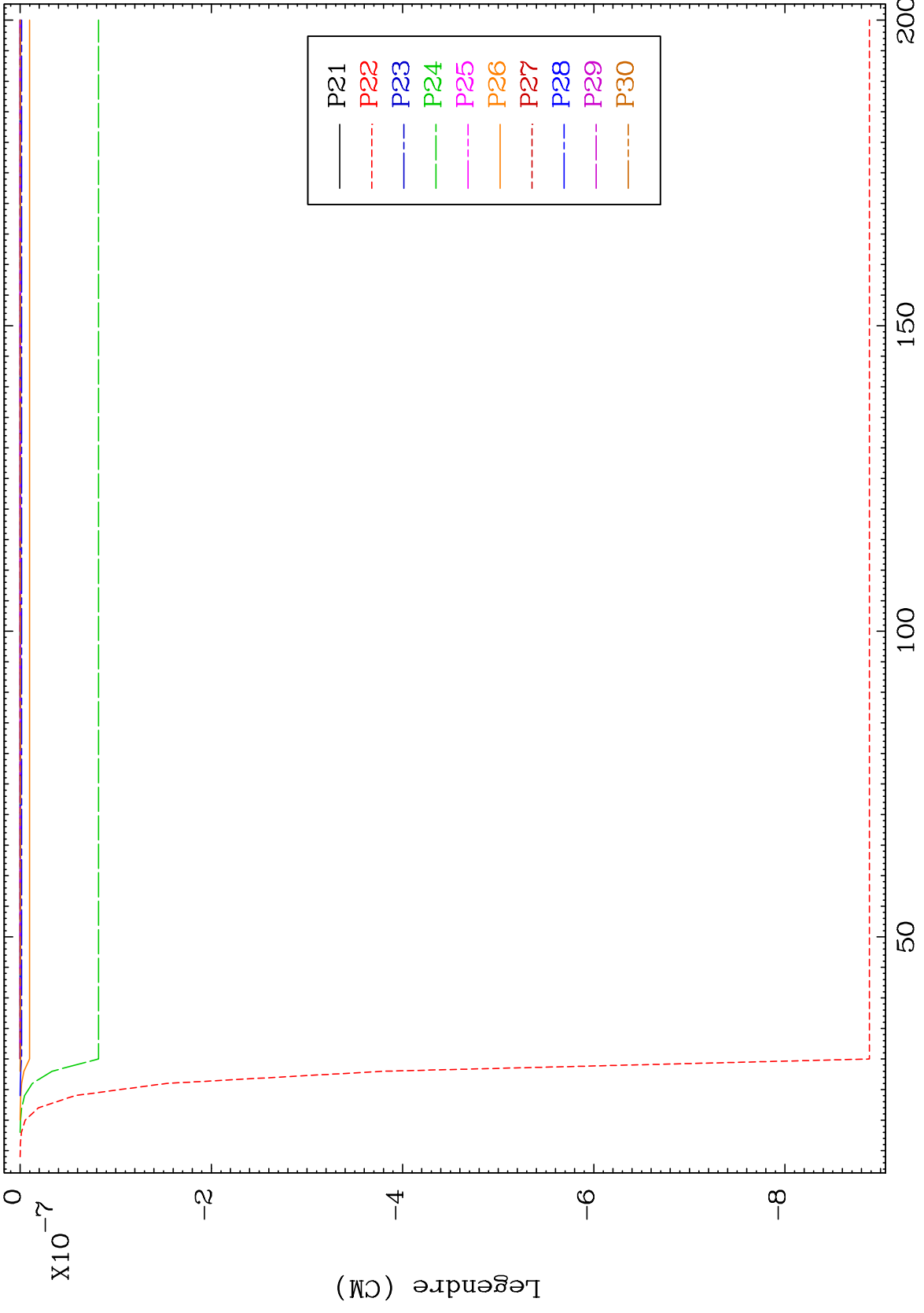
54-Xe-134



61

54-Xe-134

MAT 5455 MT= 62 (n,n') Level Legendre Coefficients 54-Xe-134

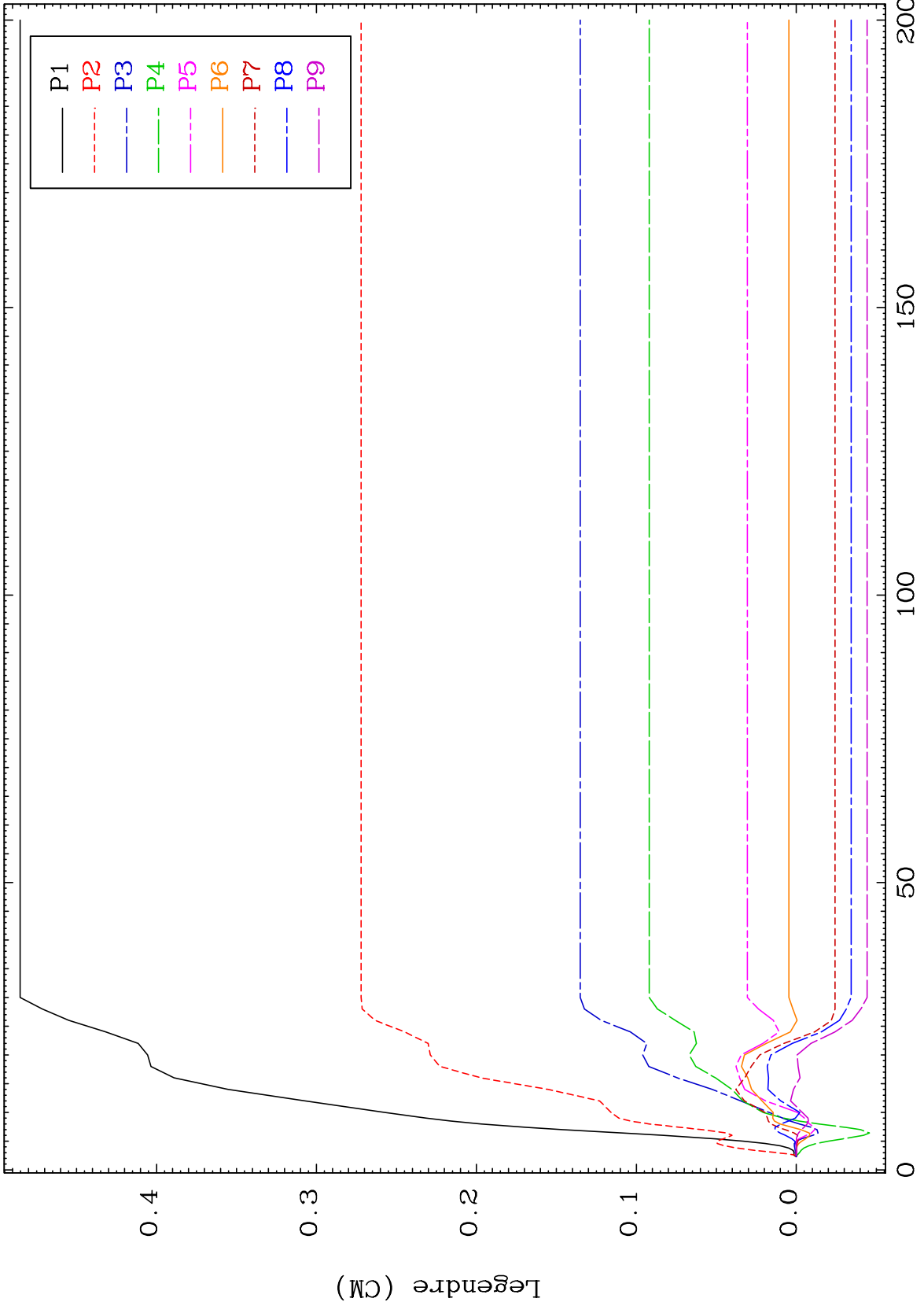


62 54-Xe-134

MAT 5455

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

54-Xe-134



63

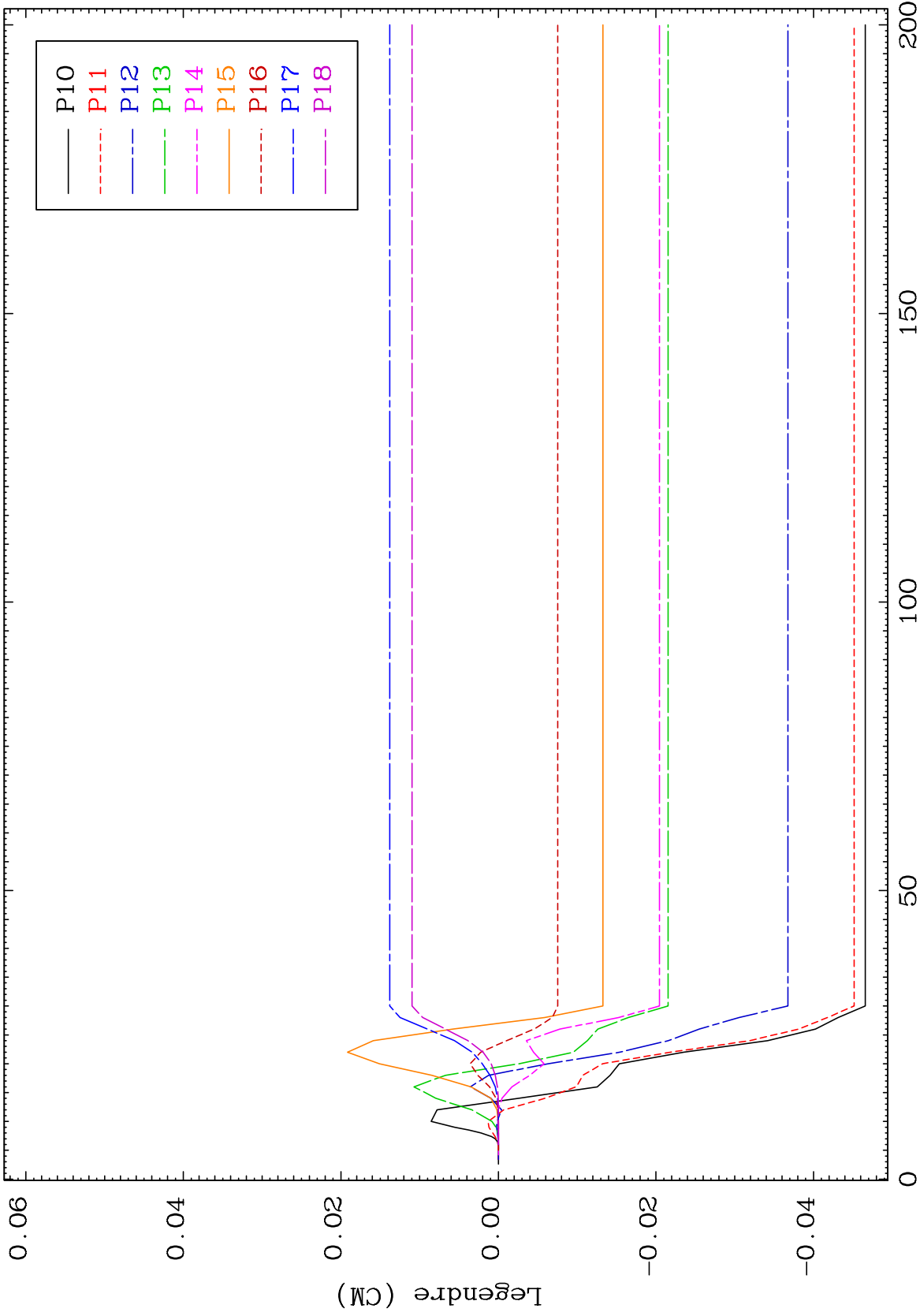
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



64

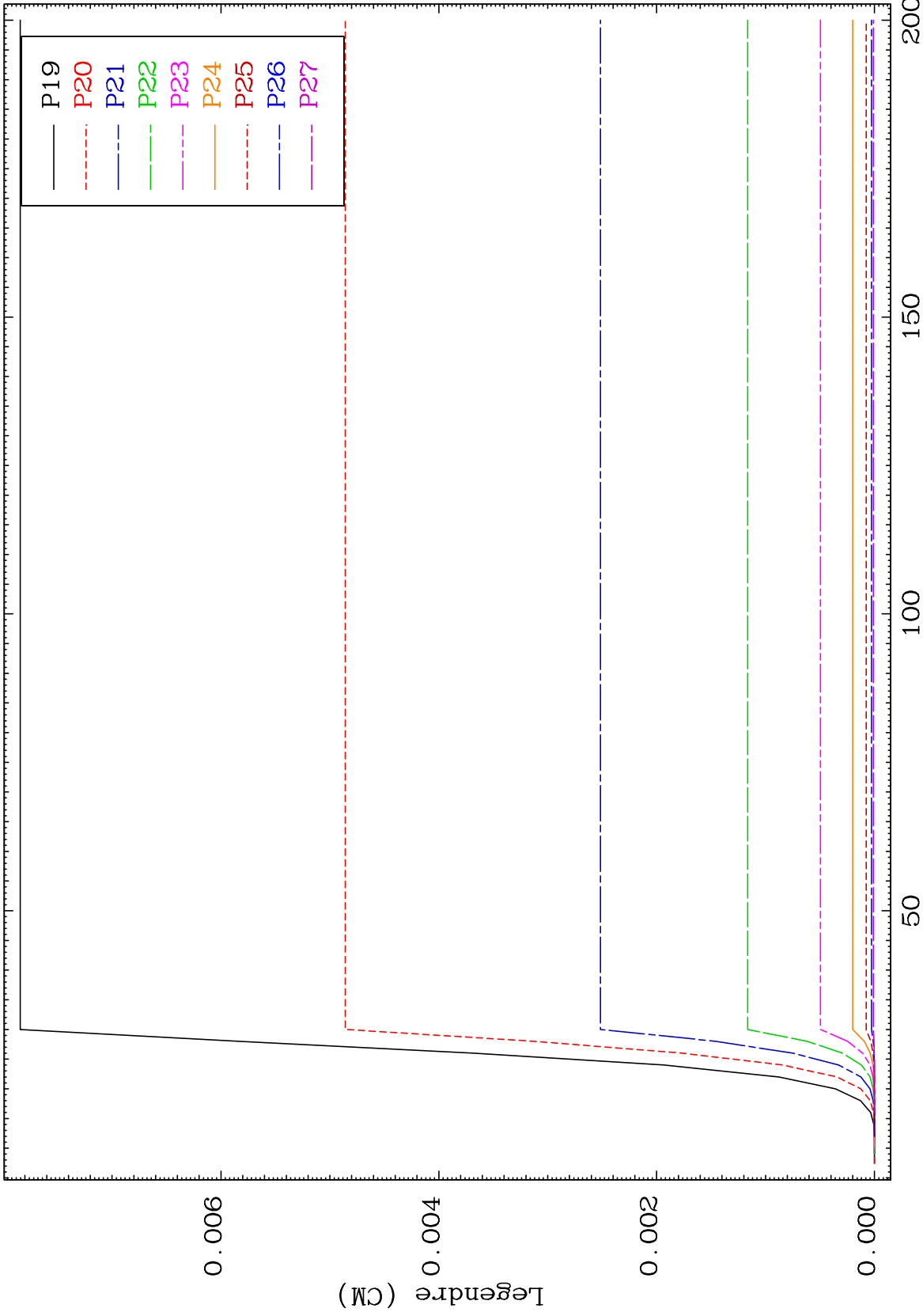
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



65

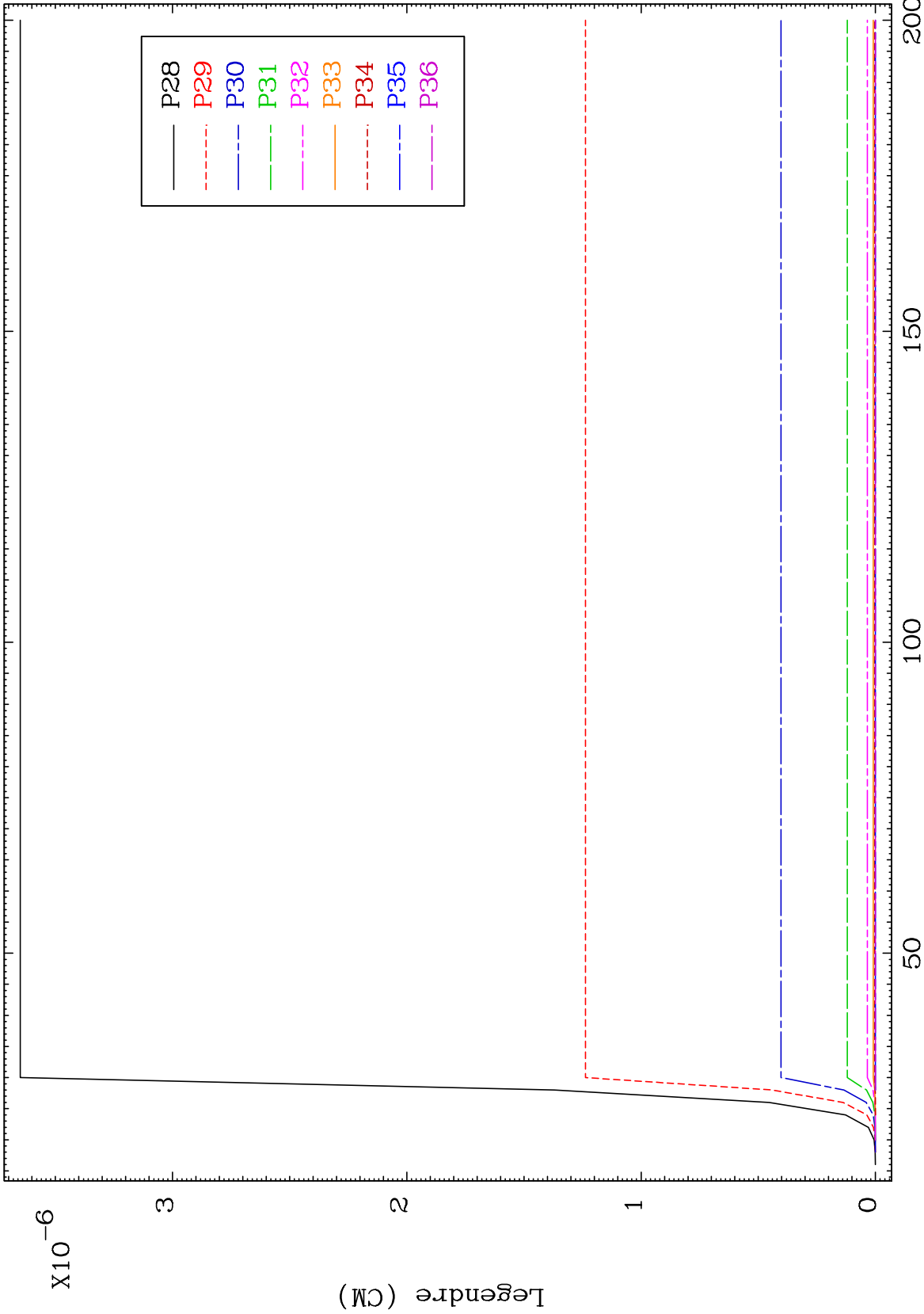
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



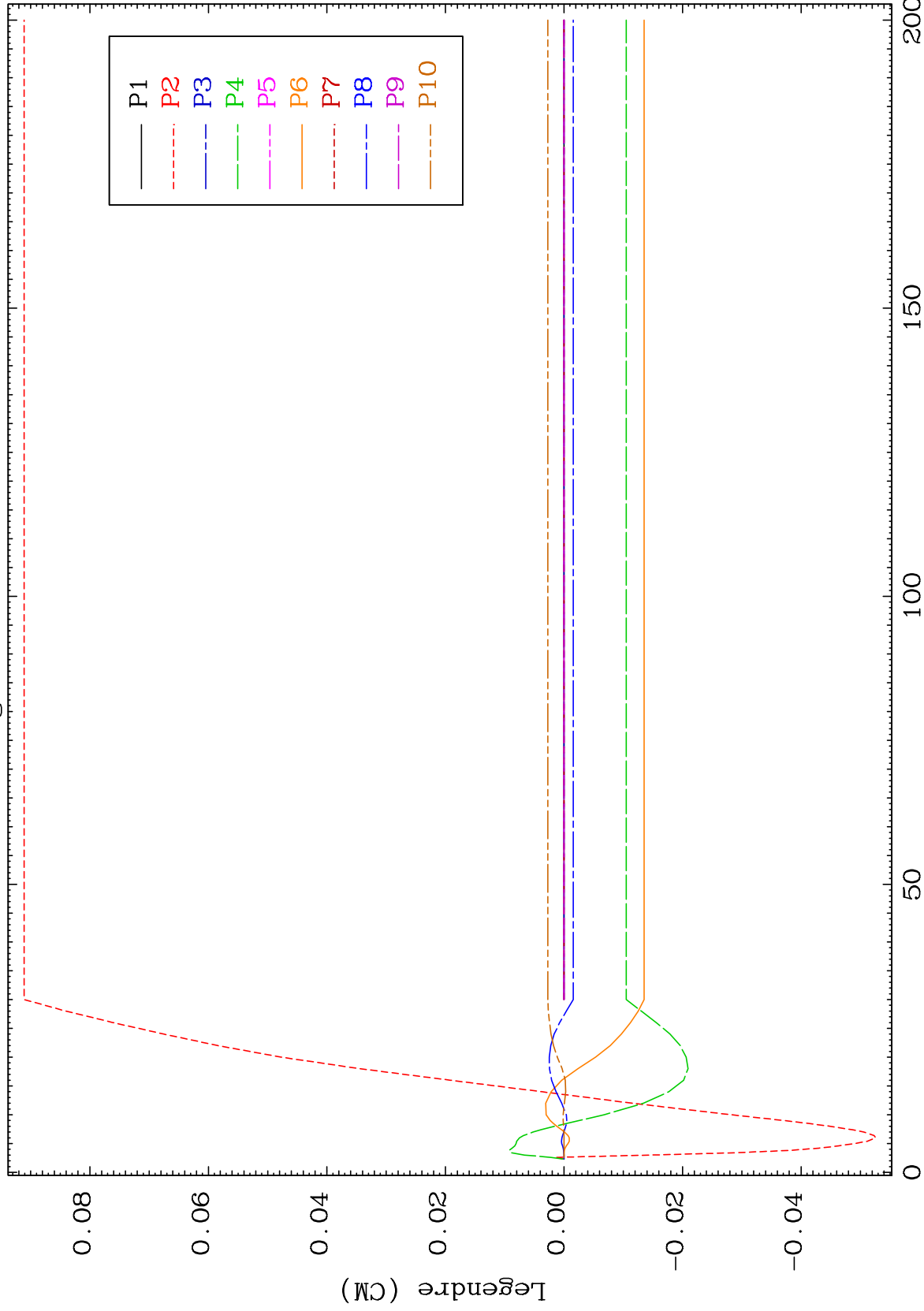
66

54-Xe-134

MAT 5455

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

54-Xe-134



67

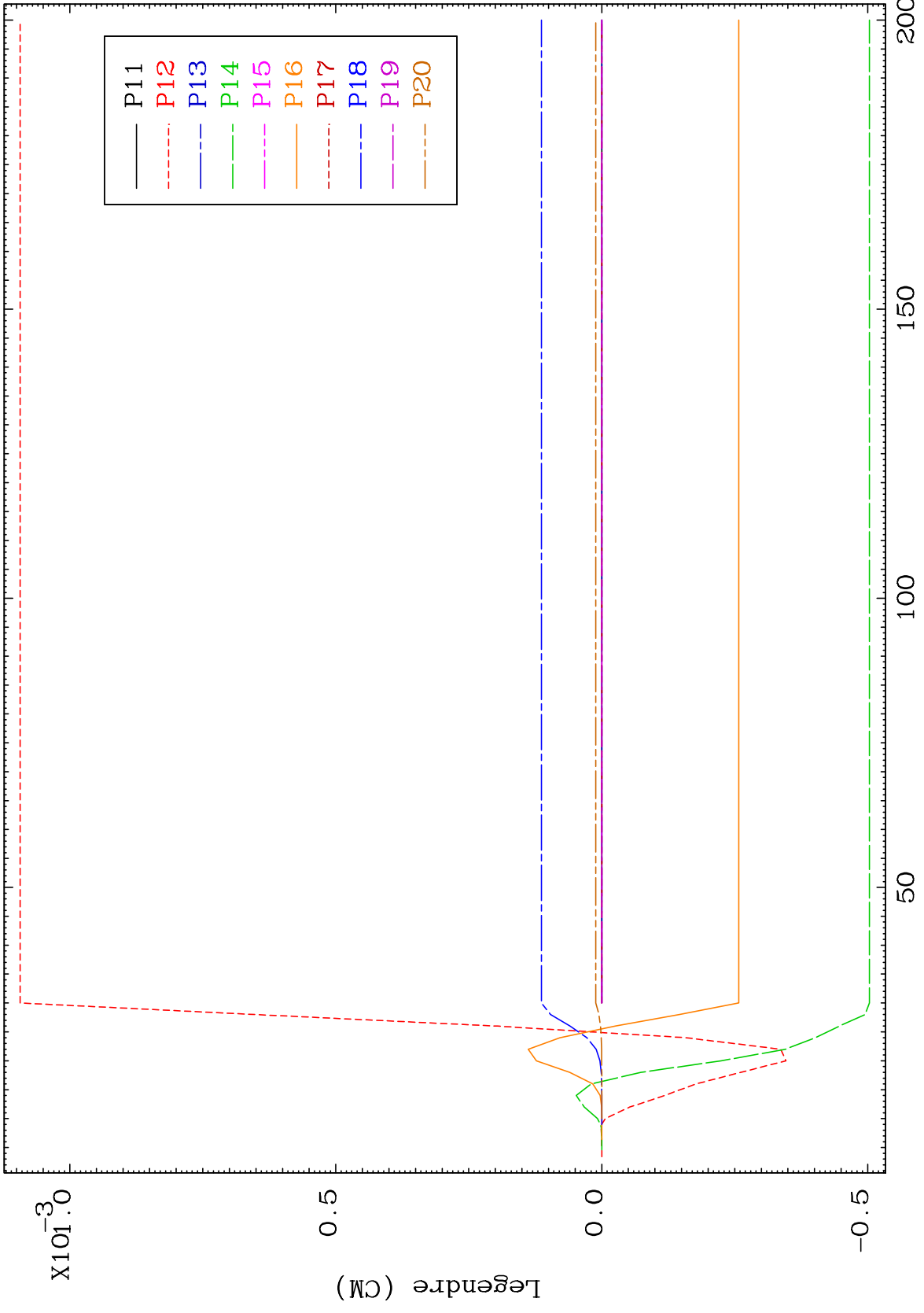
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



68

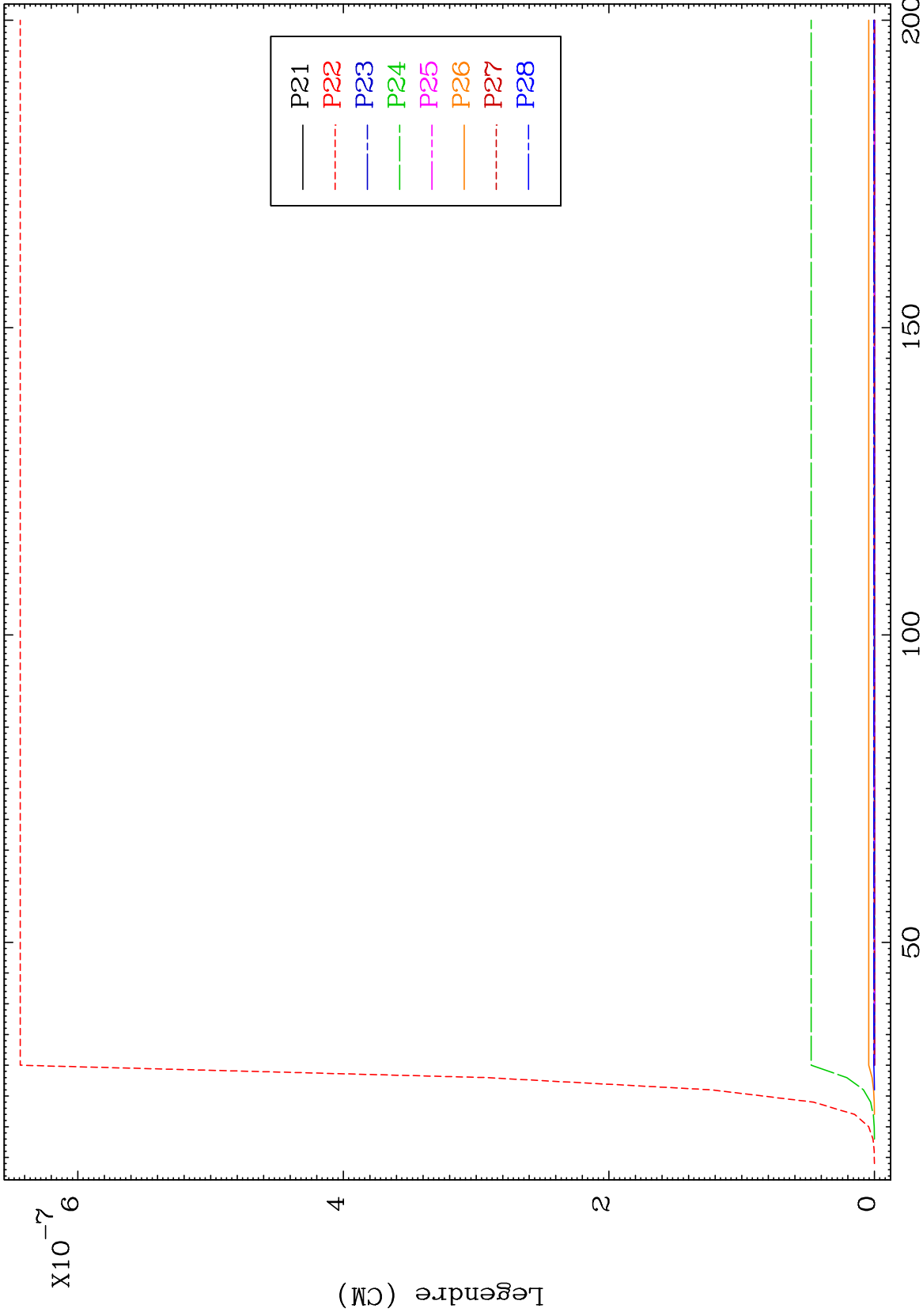
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134

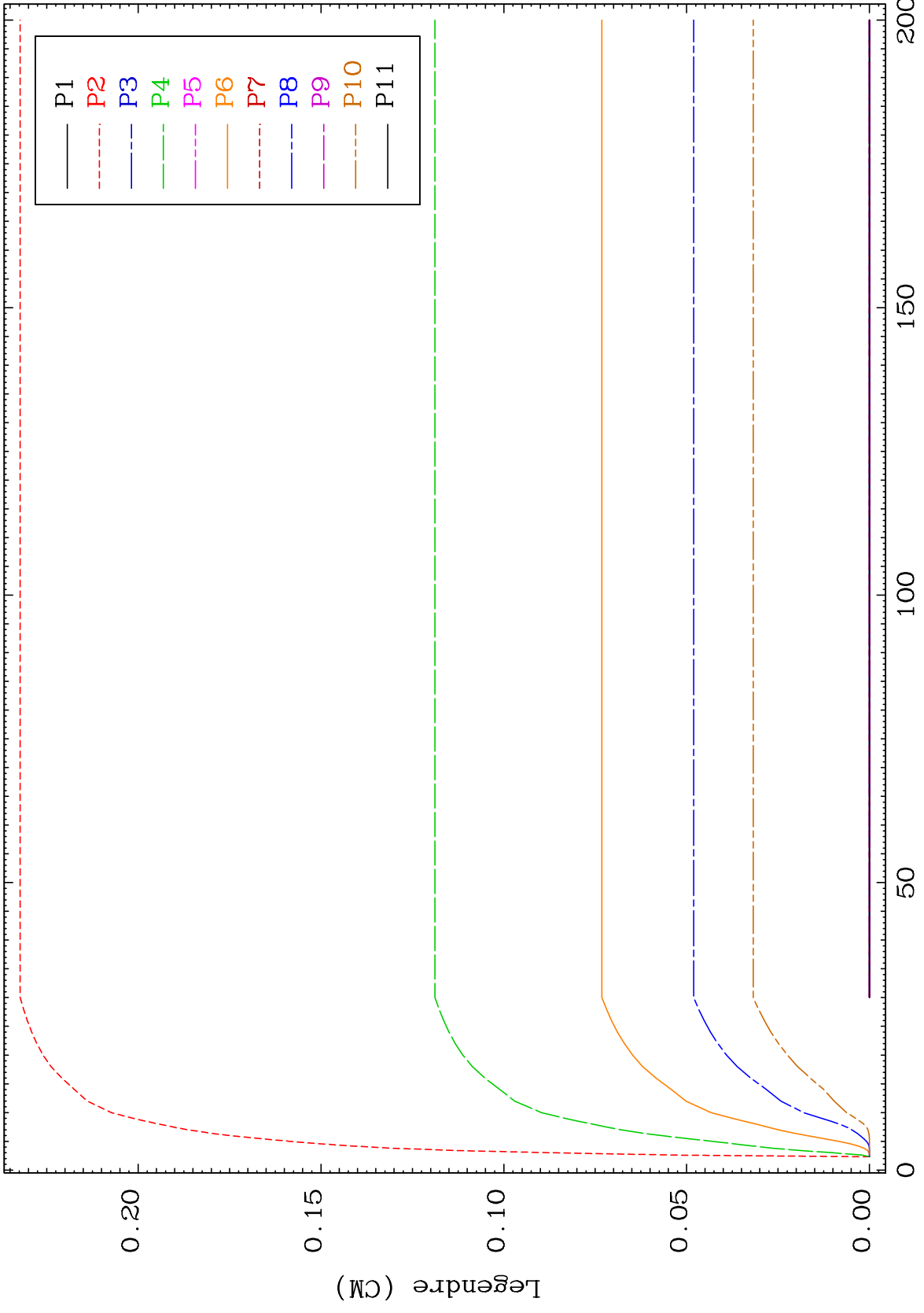


69

Incident Energy (MeV)

54-Xe-134

MAT 5455 MT= 65 (n,n') Level Legendre Coefficients 54-Xe-134

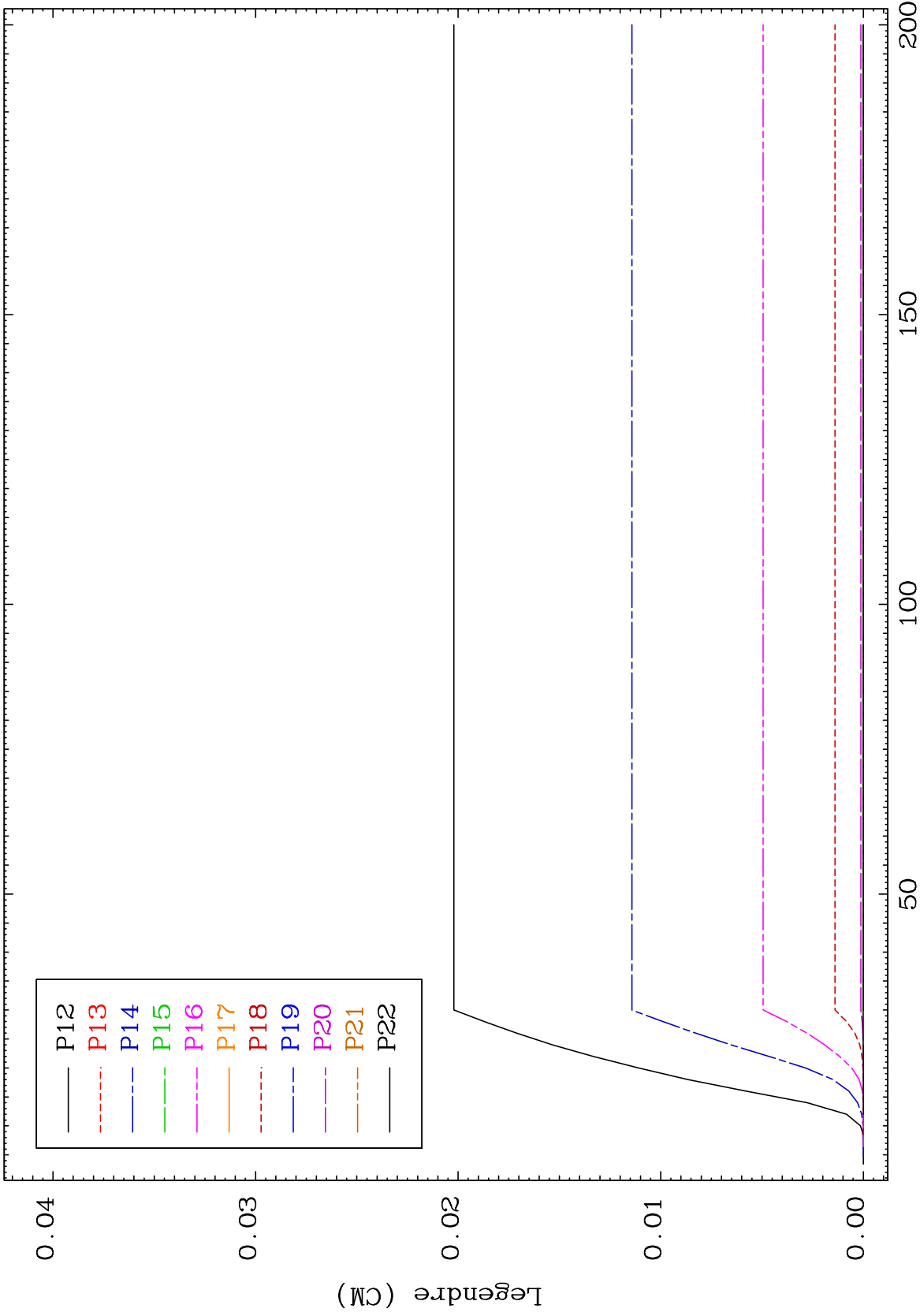


54-Xe-134

MAT 5455

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

54-Xe-134



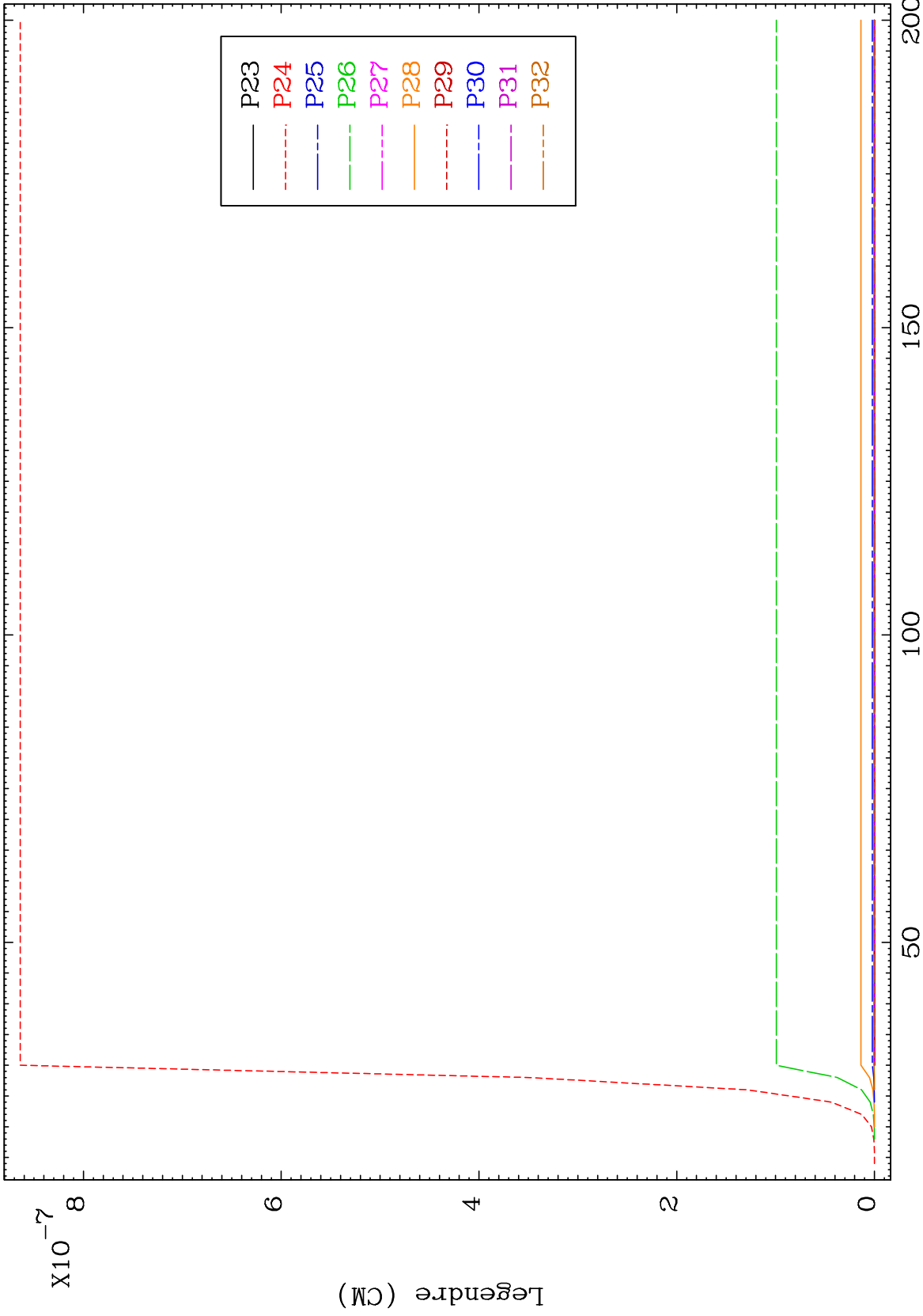
71

54-Xe-134

MAT 5455

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

54-Xe-134

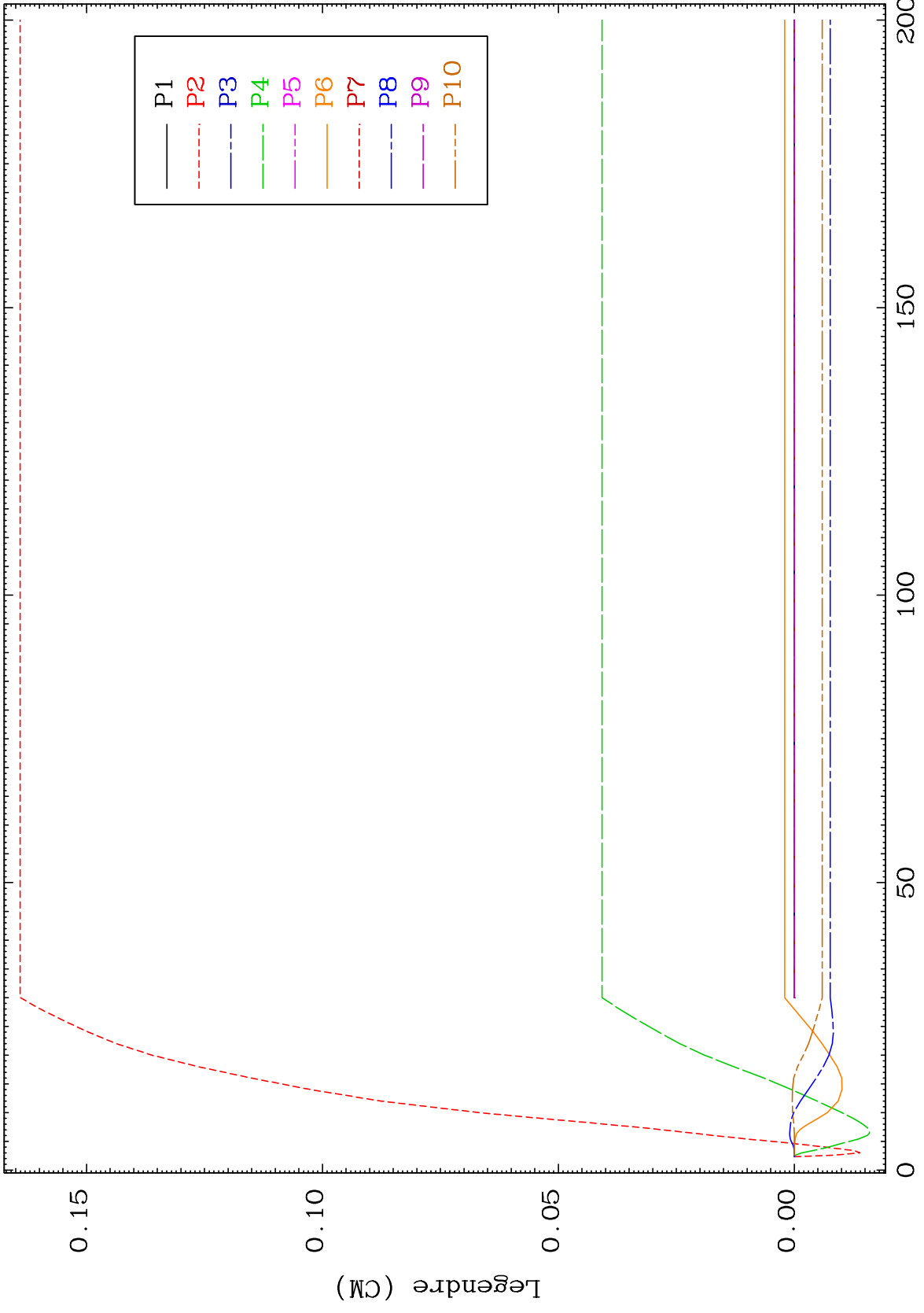


72

Incident Energy (MeV)

54-Xe-134

MAT 5455 MT= 66 (n,n') Level Legendre Coefficients 54-Xe-134

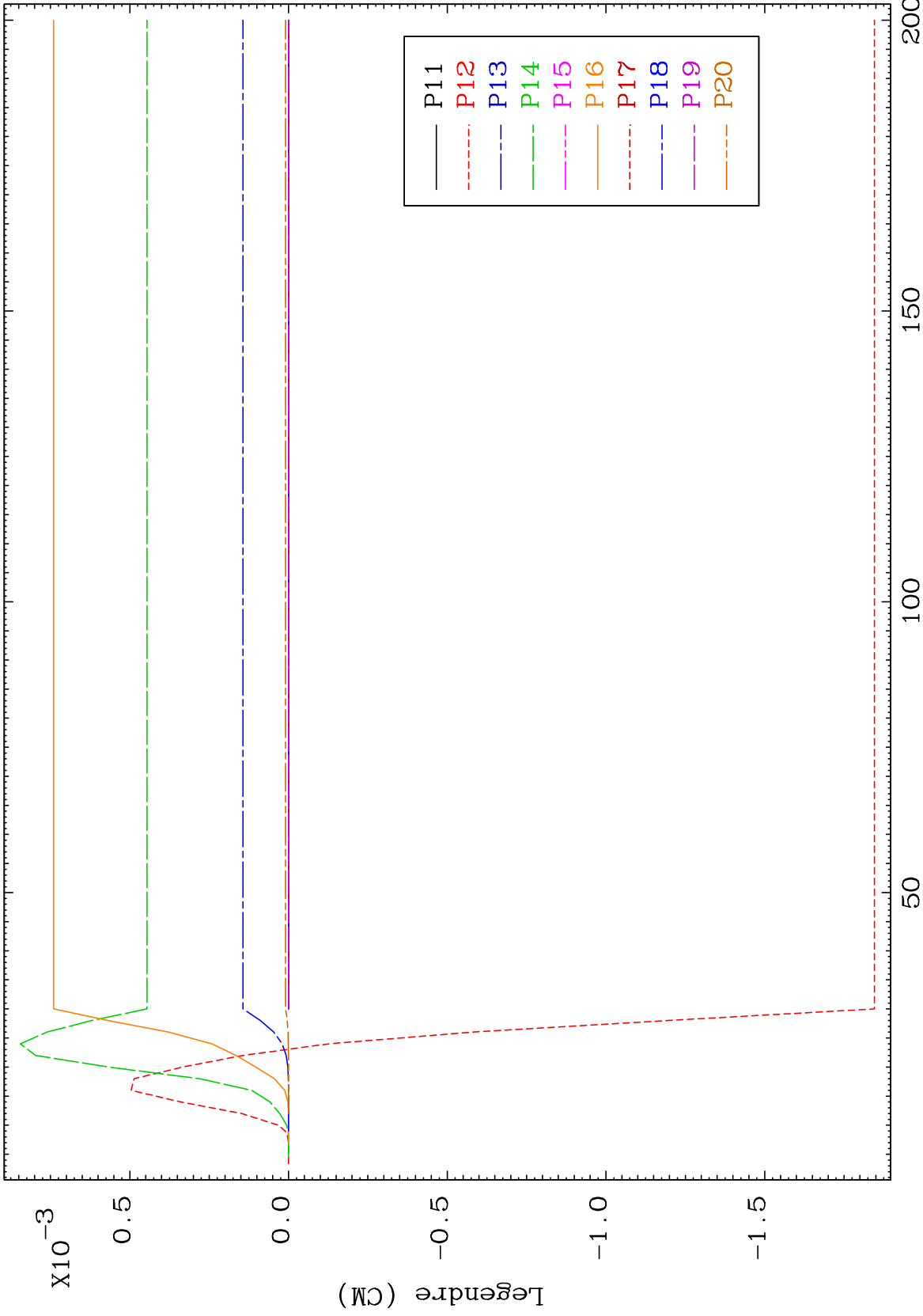


73 54-Xe-134

MAT 5455

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

54-Xe-134



74

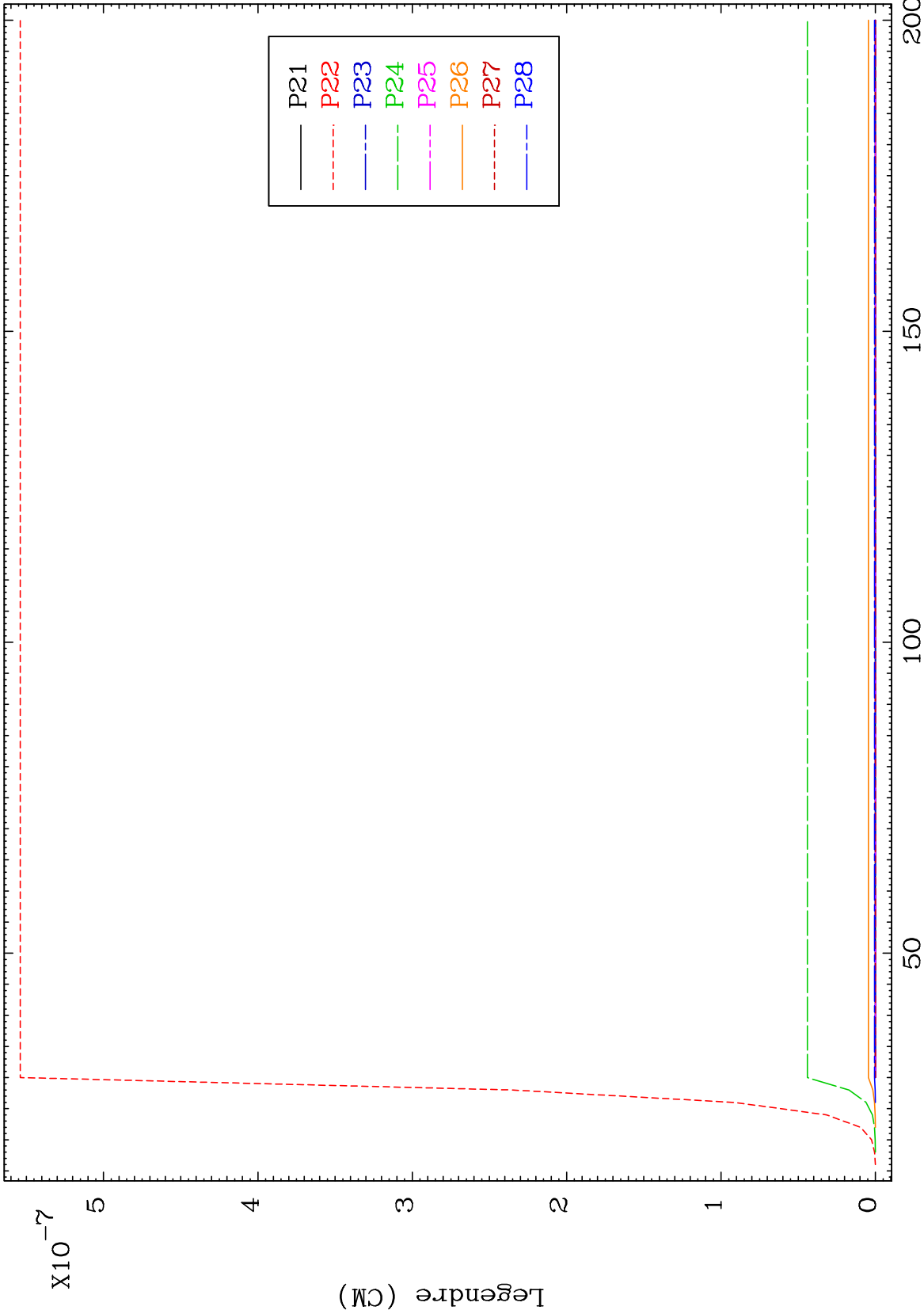
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



75

Incident Energy (MeV)

150

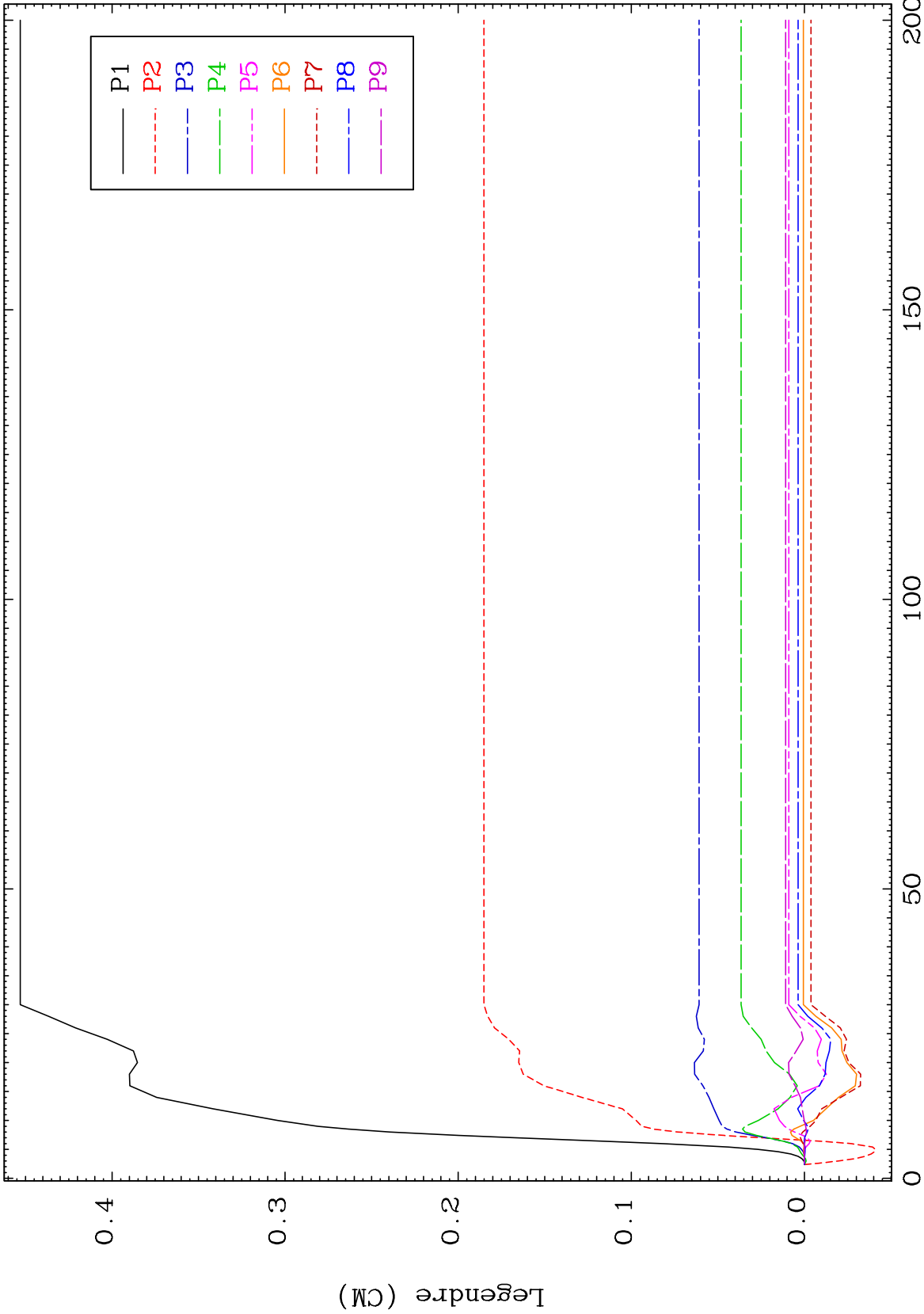
200

54-Xe-134

MAT 5455

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

54-Xe-134



76

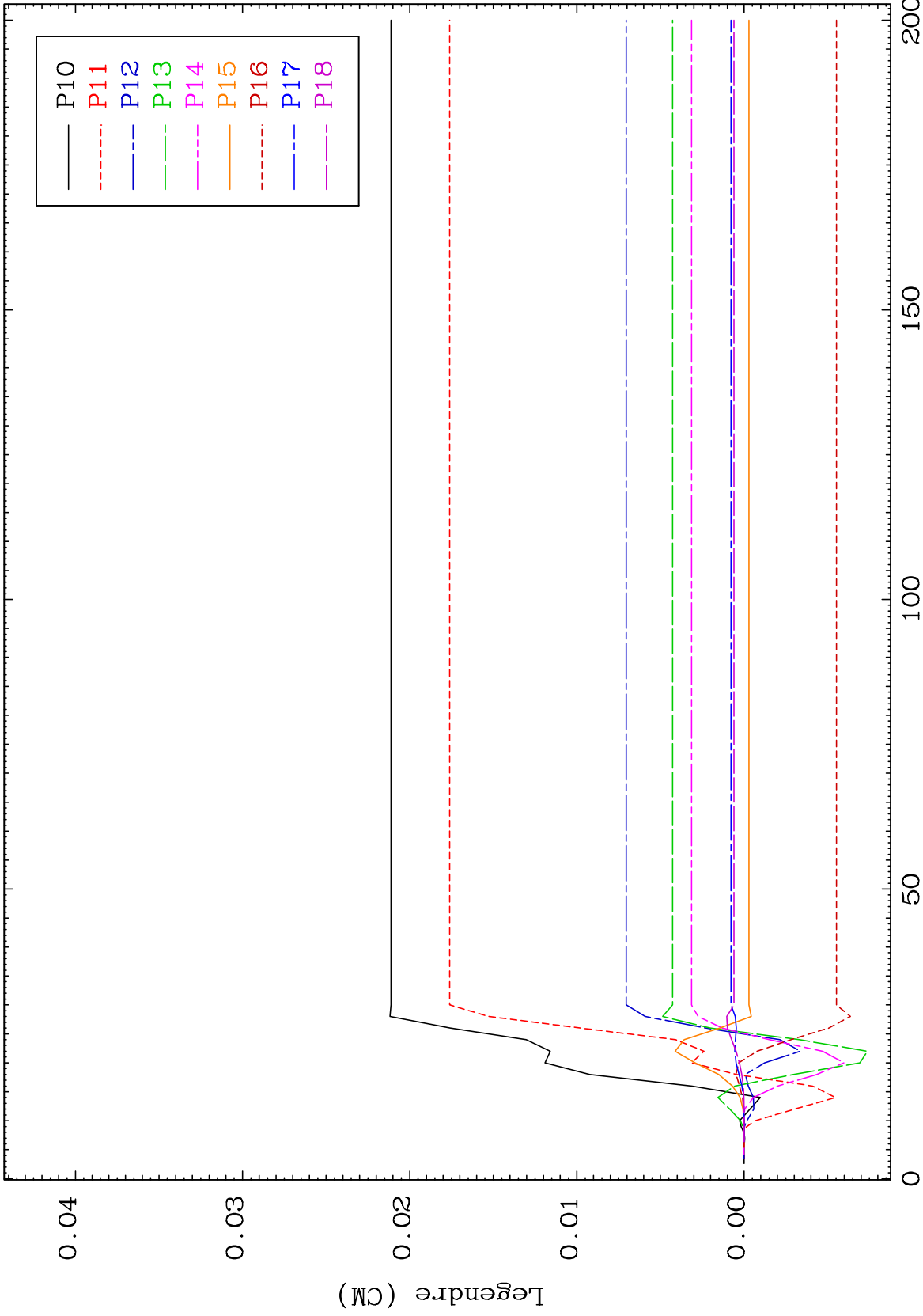
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



77

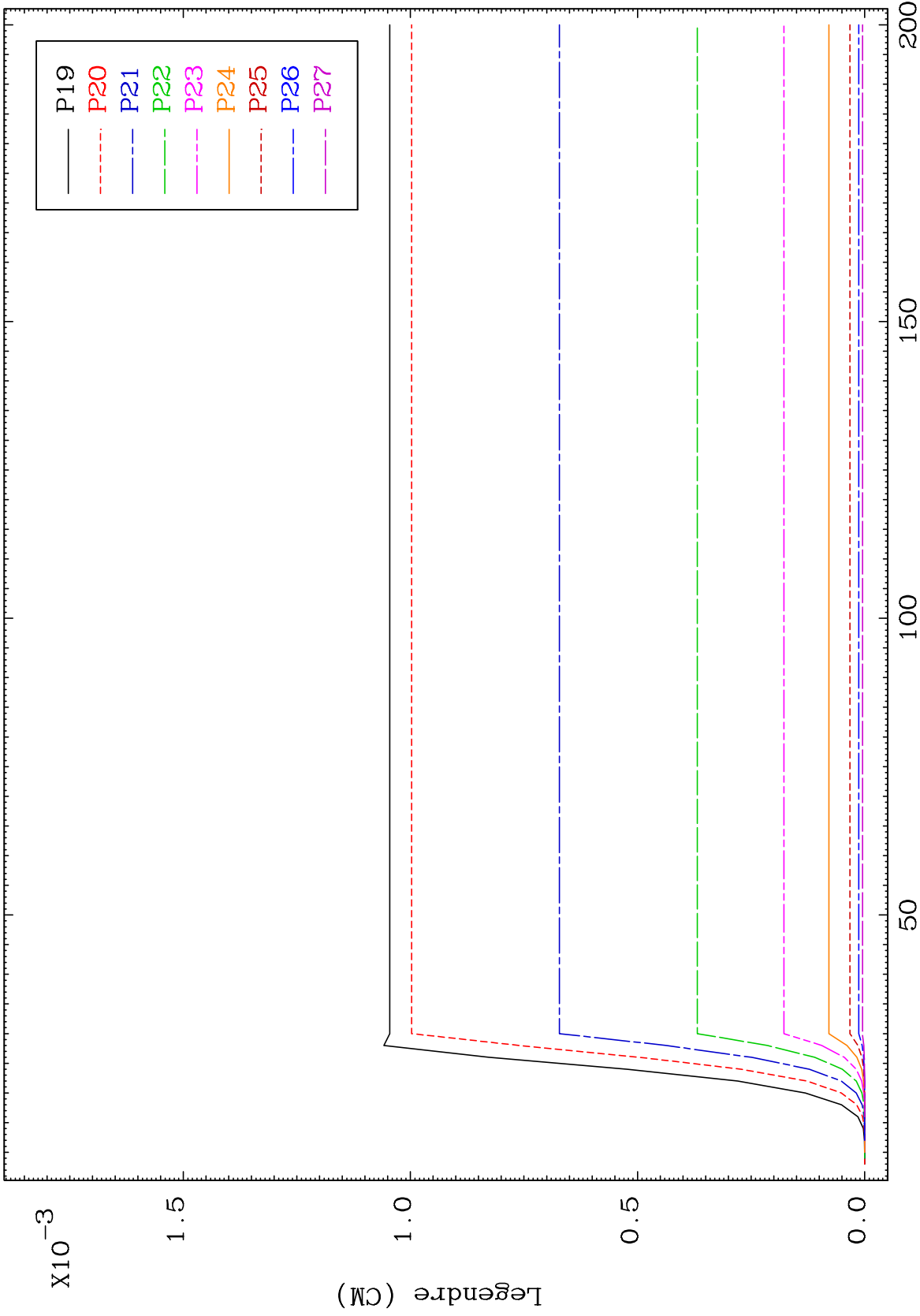
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



78

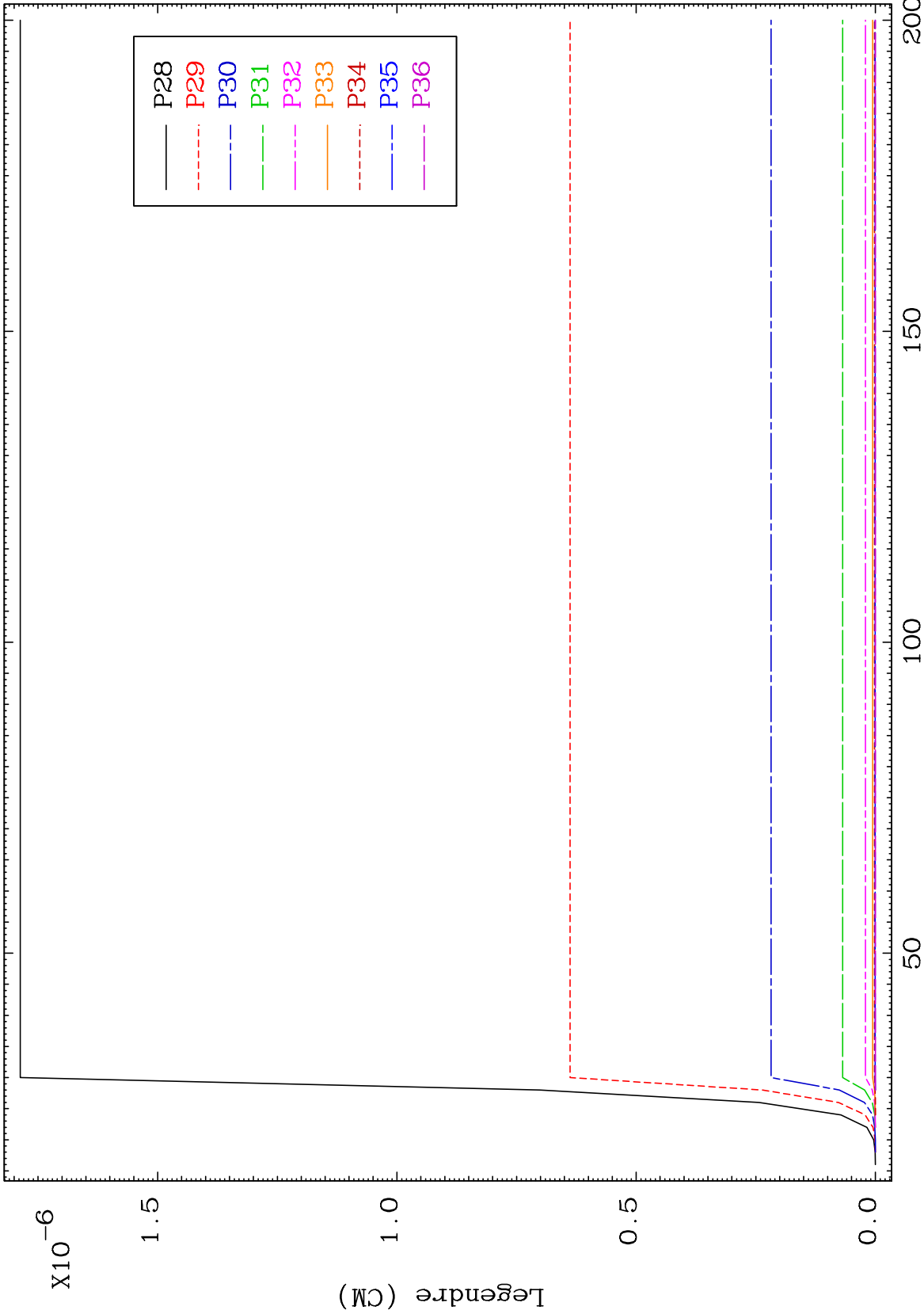
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



79

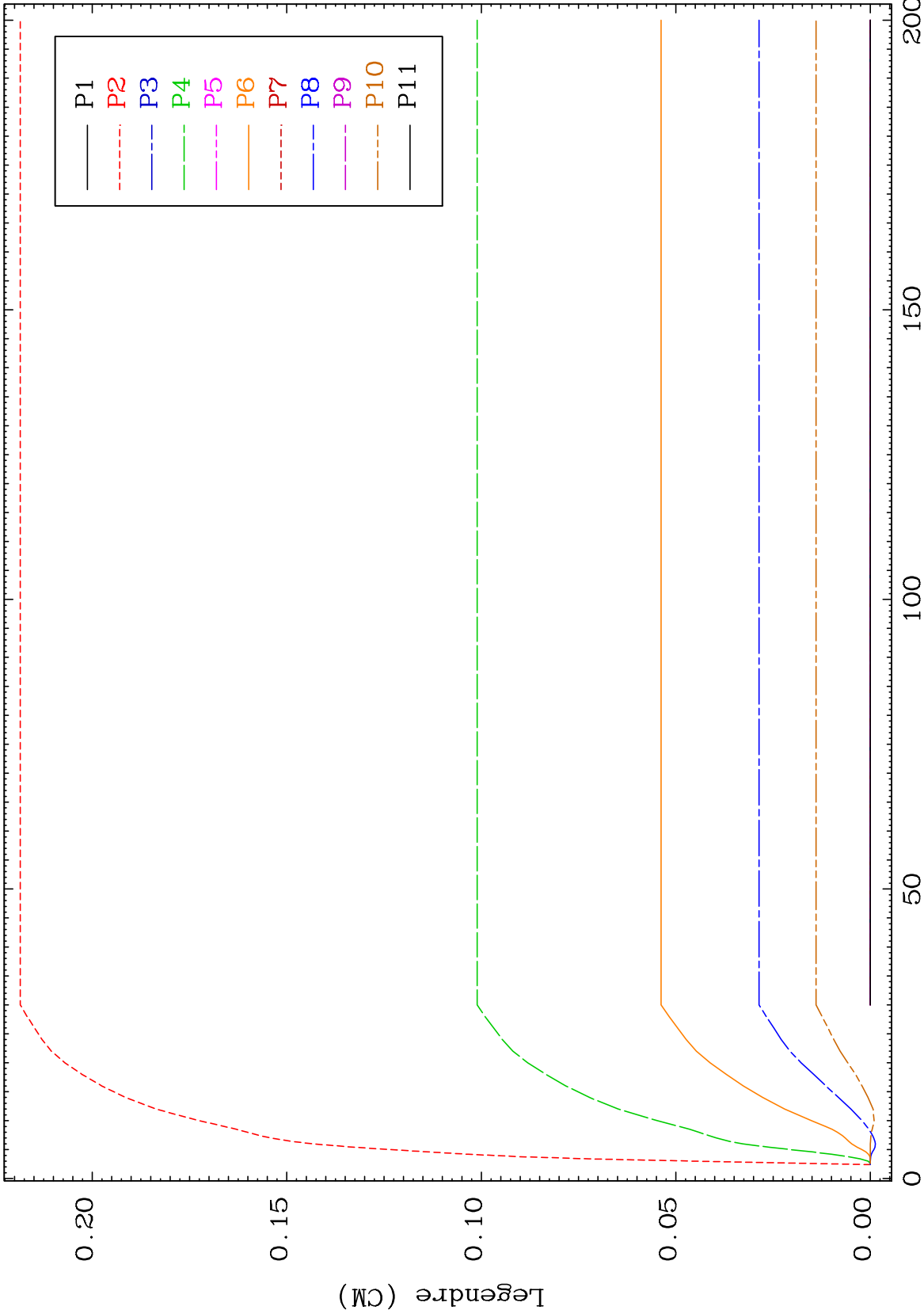
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



80

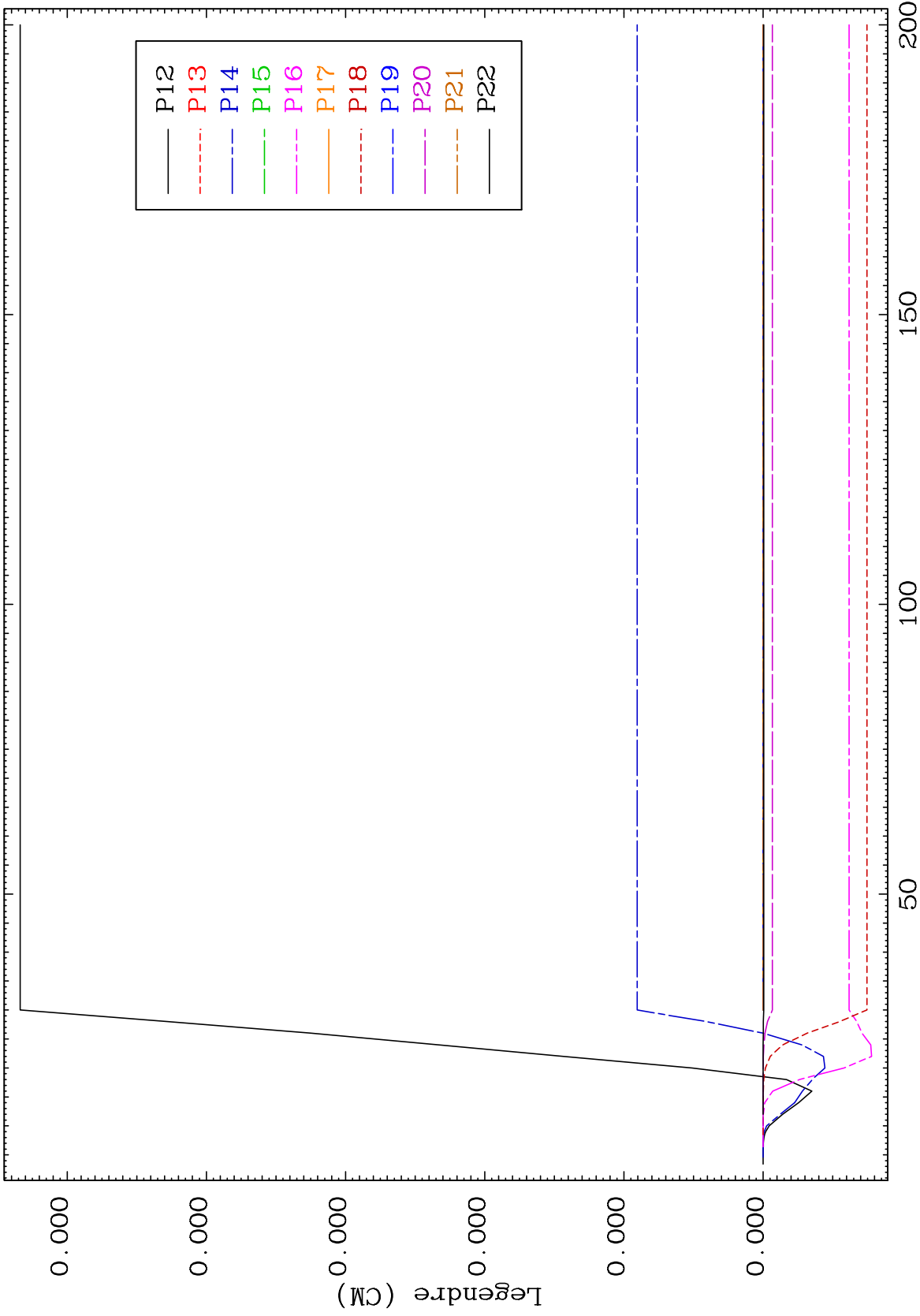
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



81

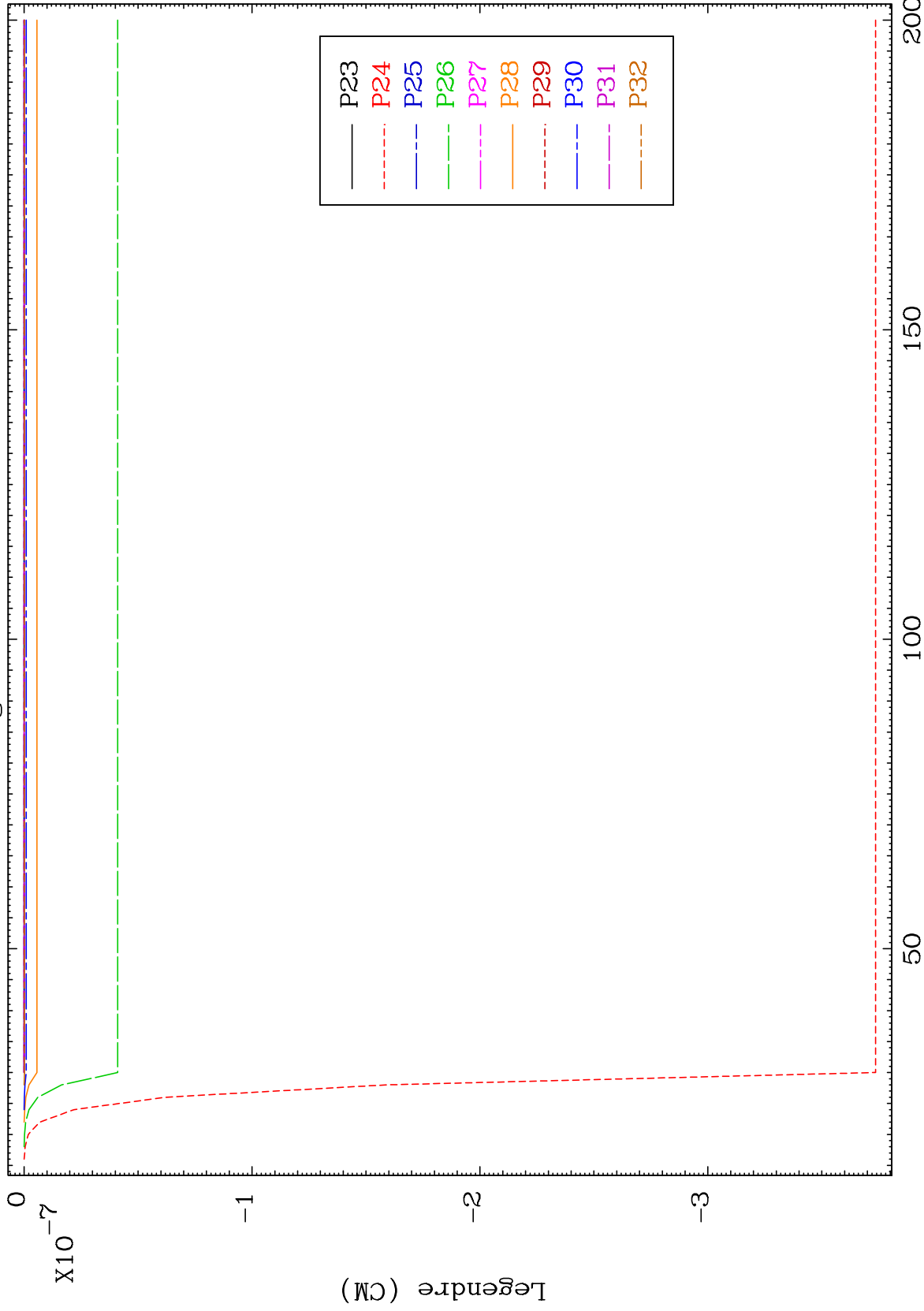
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



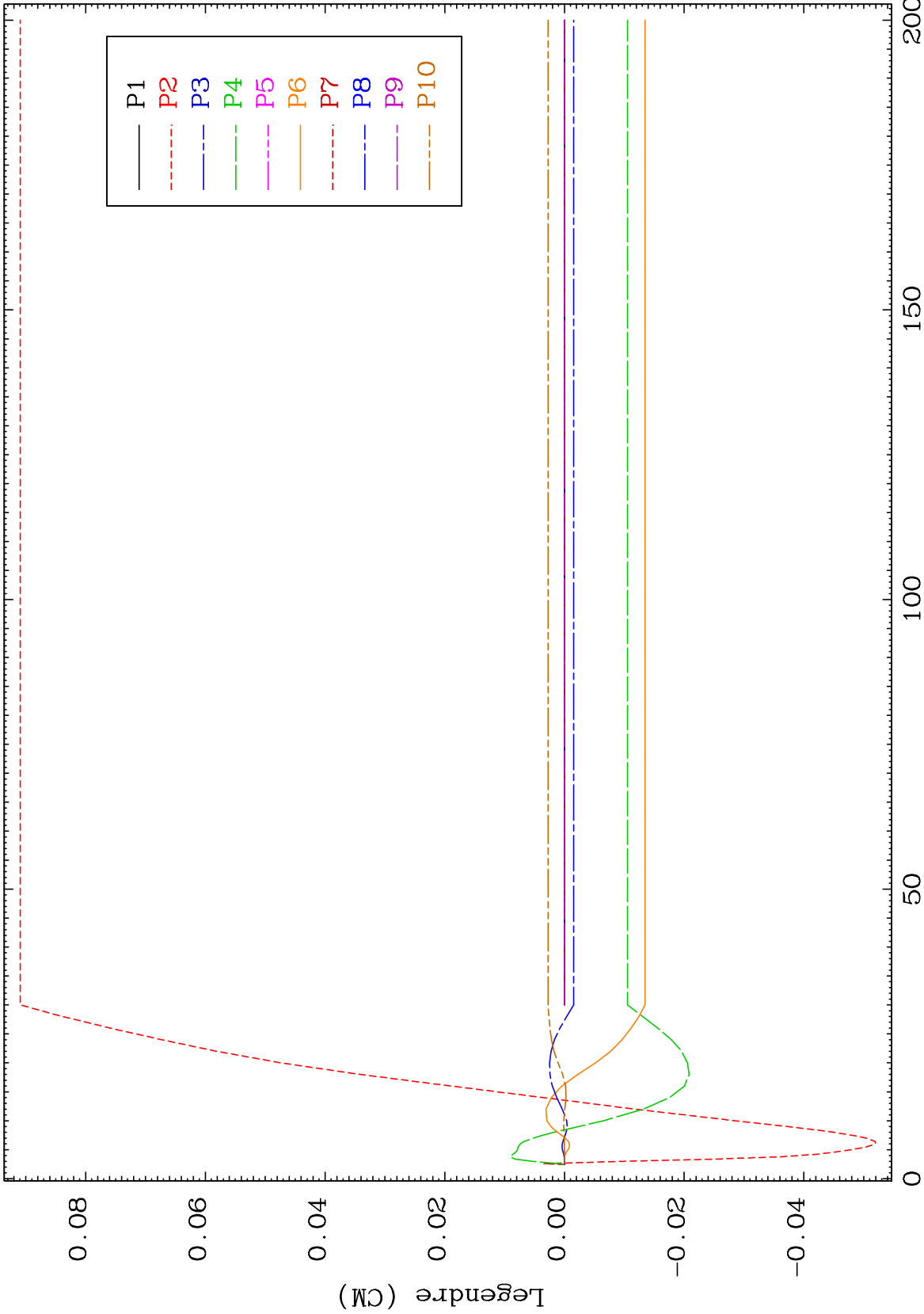
82

54-Xe-134

MAT 5455

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

54-Xe-134



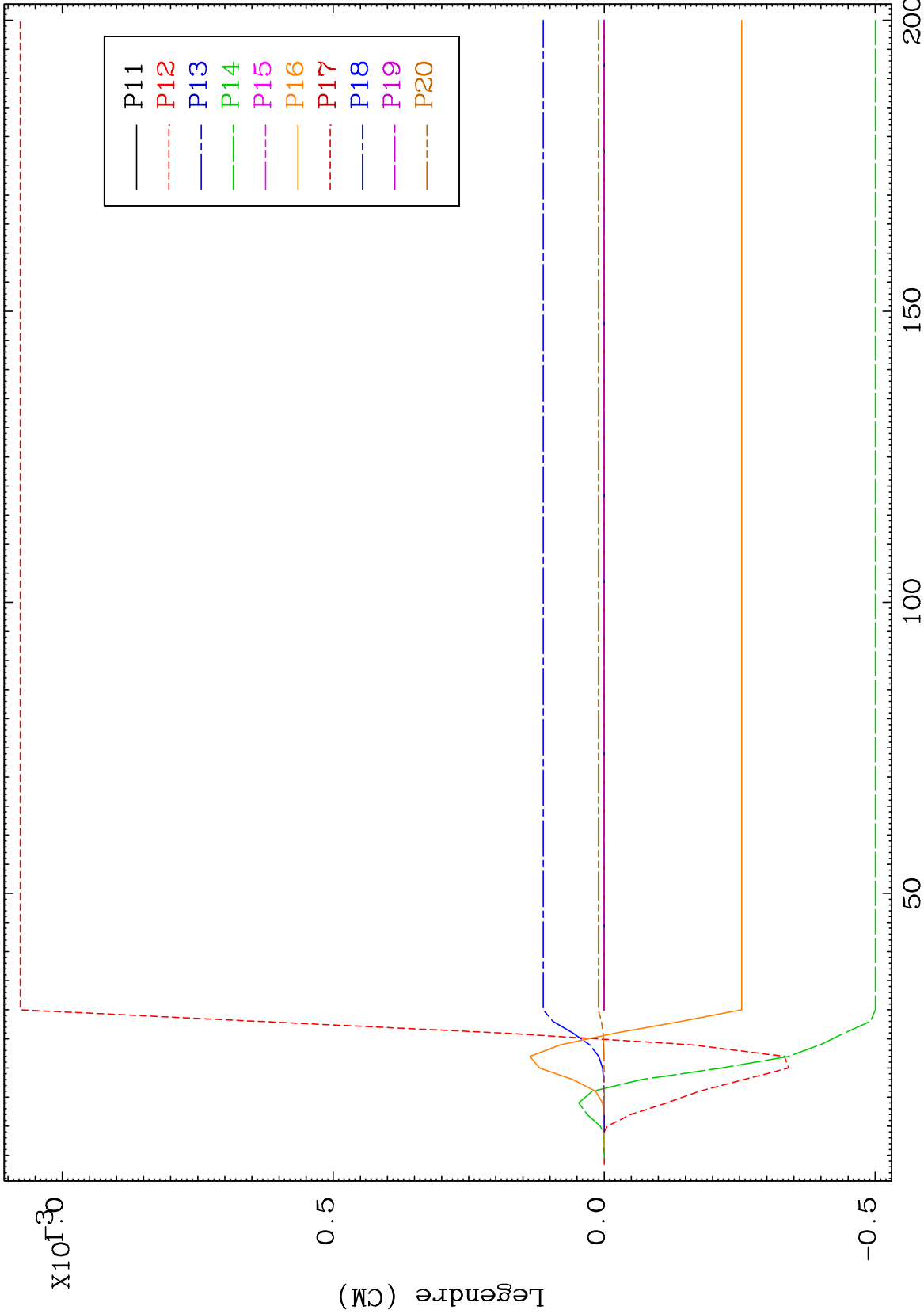
83

54-Xe-134

MAT 5455

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

54-Xe-134



84

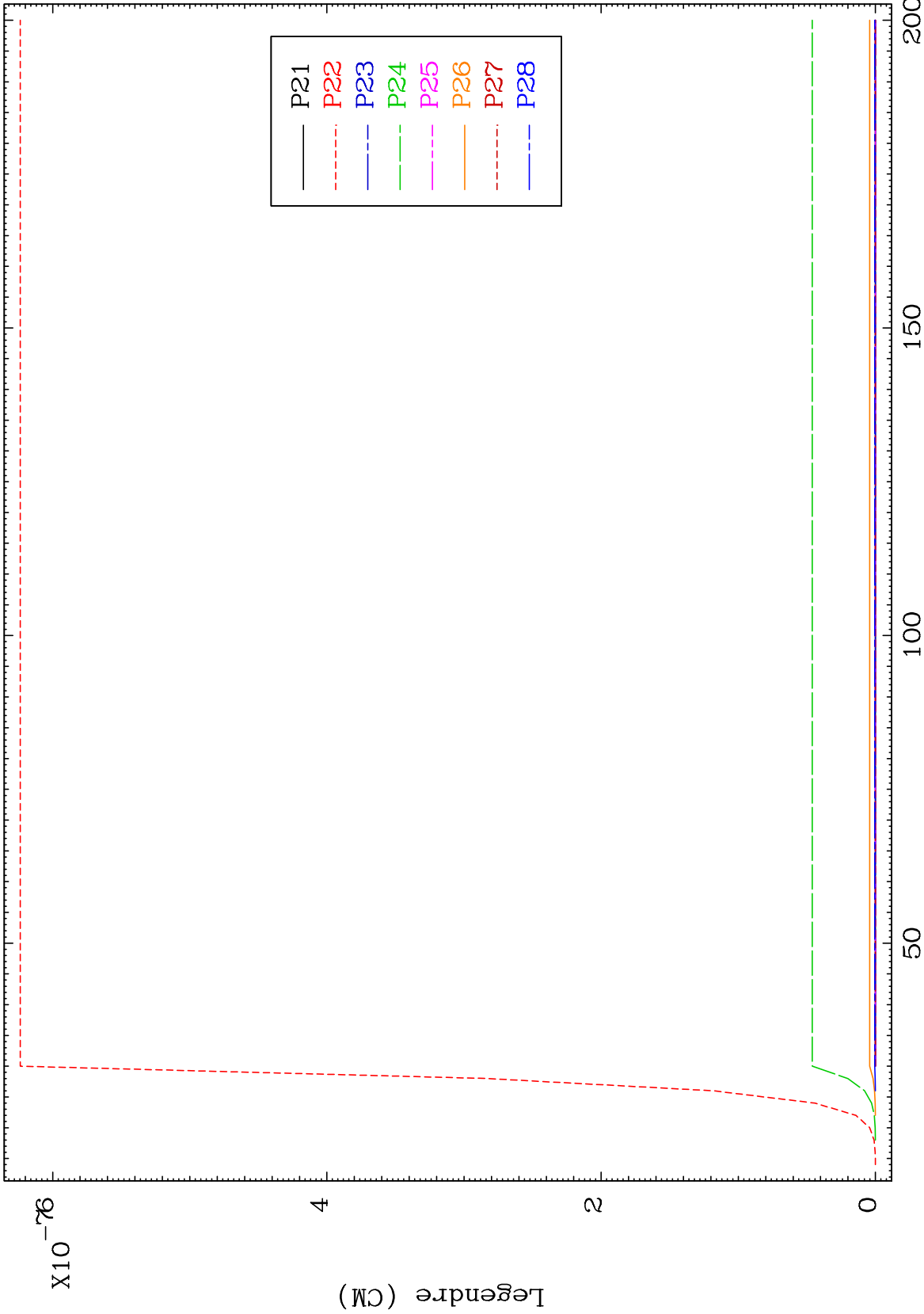
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

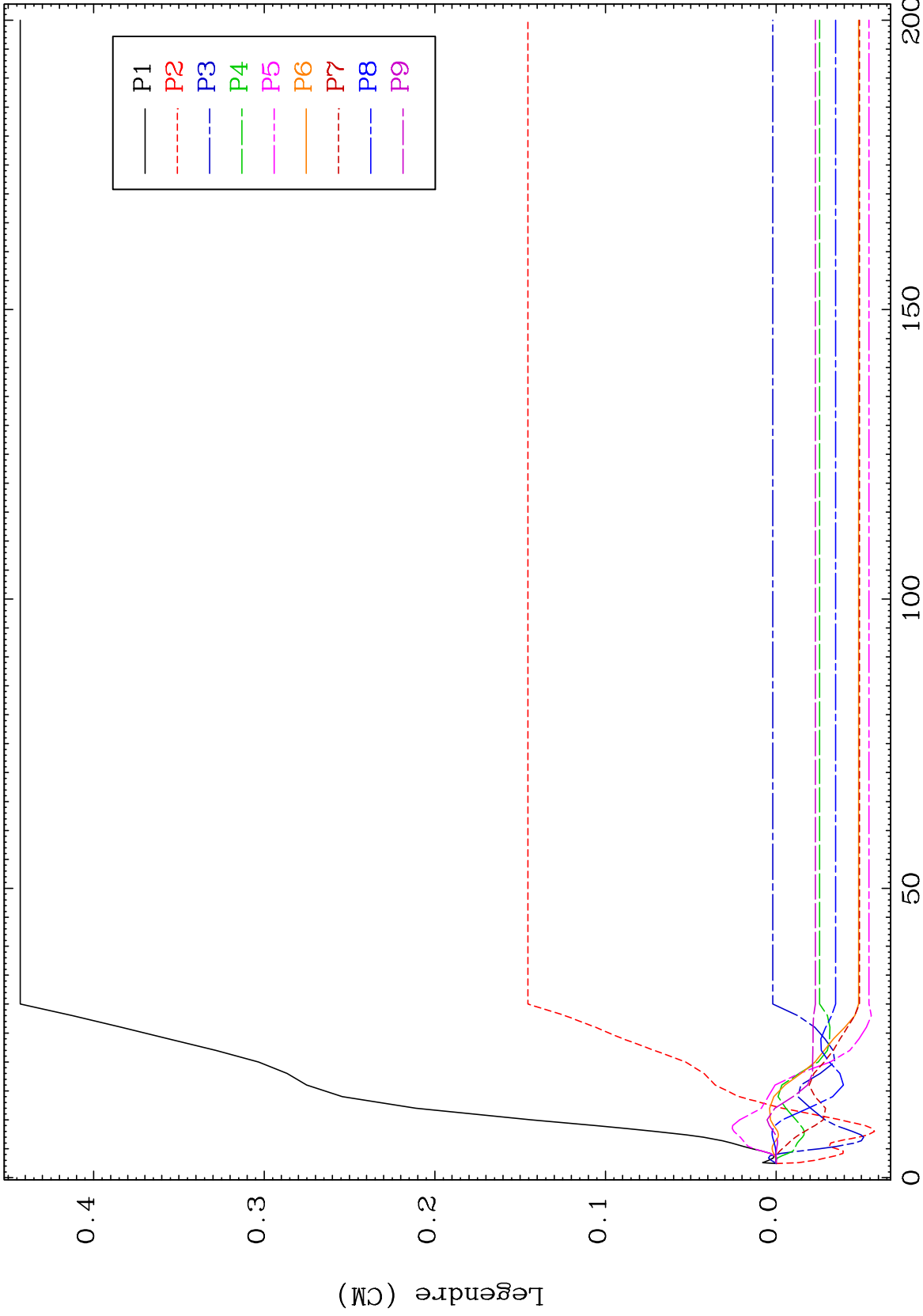
54-Xe-134



MAT 5455

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

54-Xe-134



86

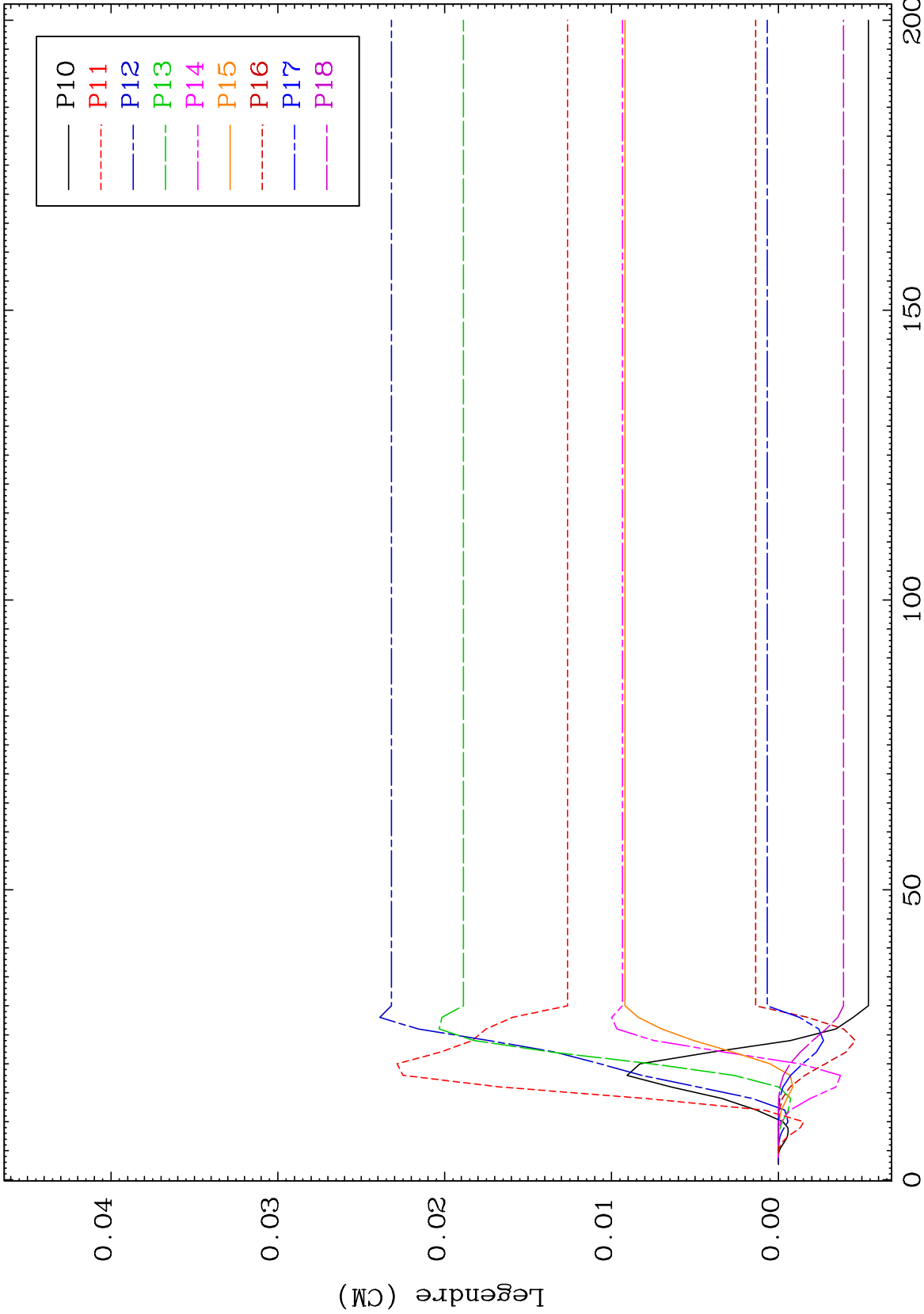
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



87

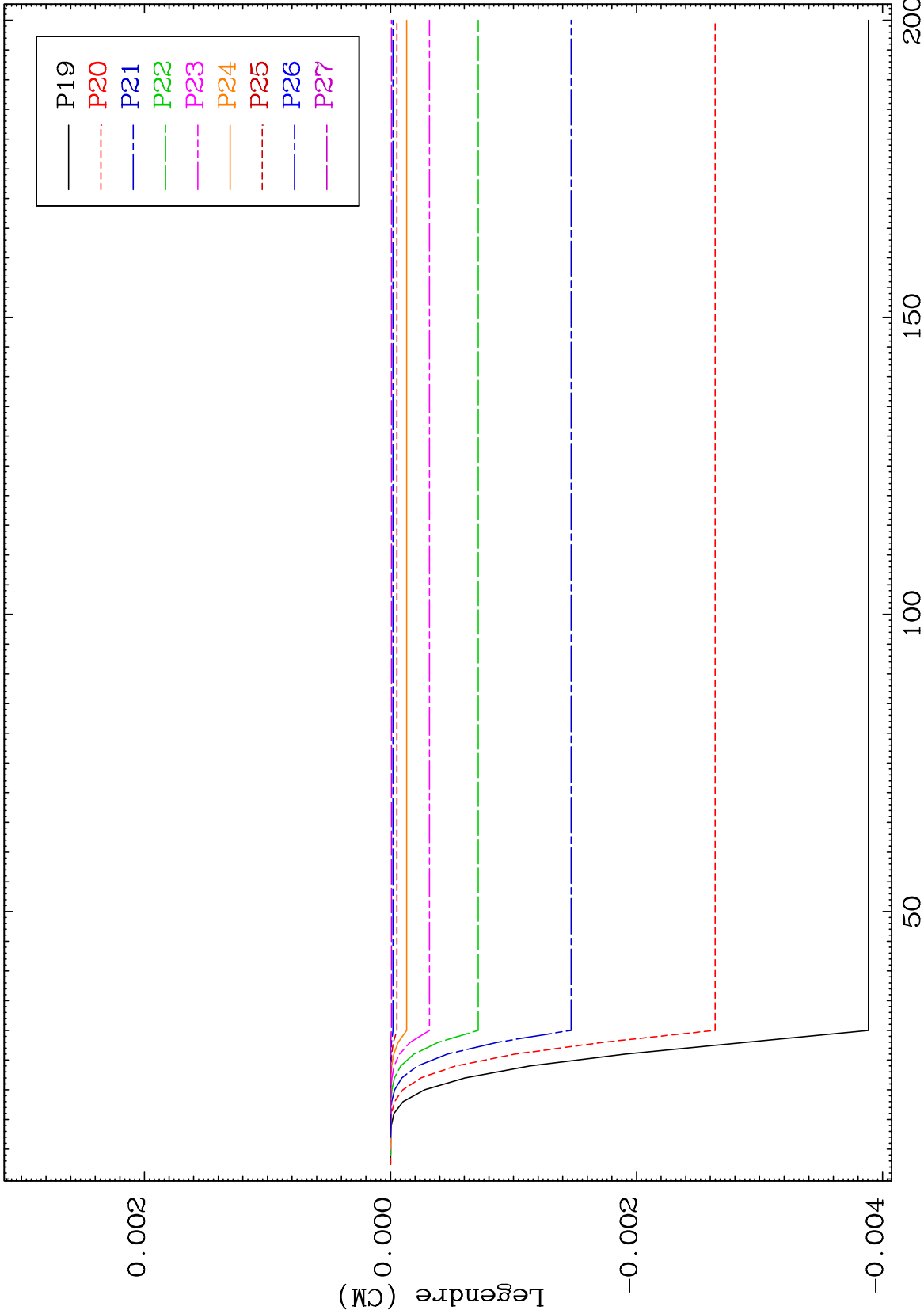
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



88

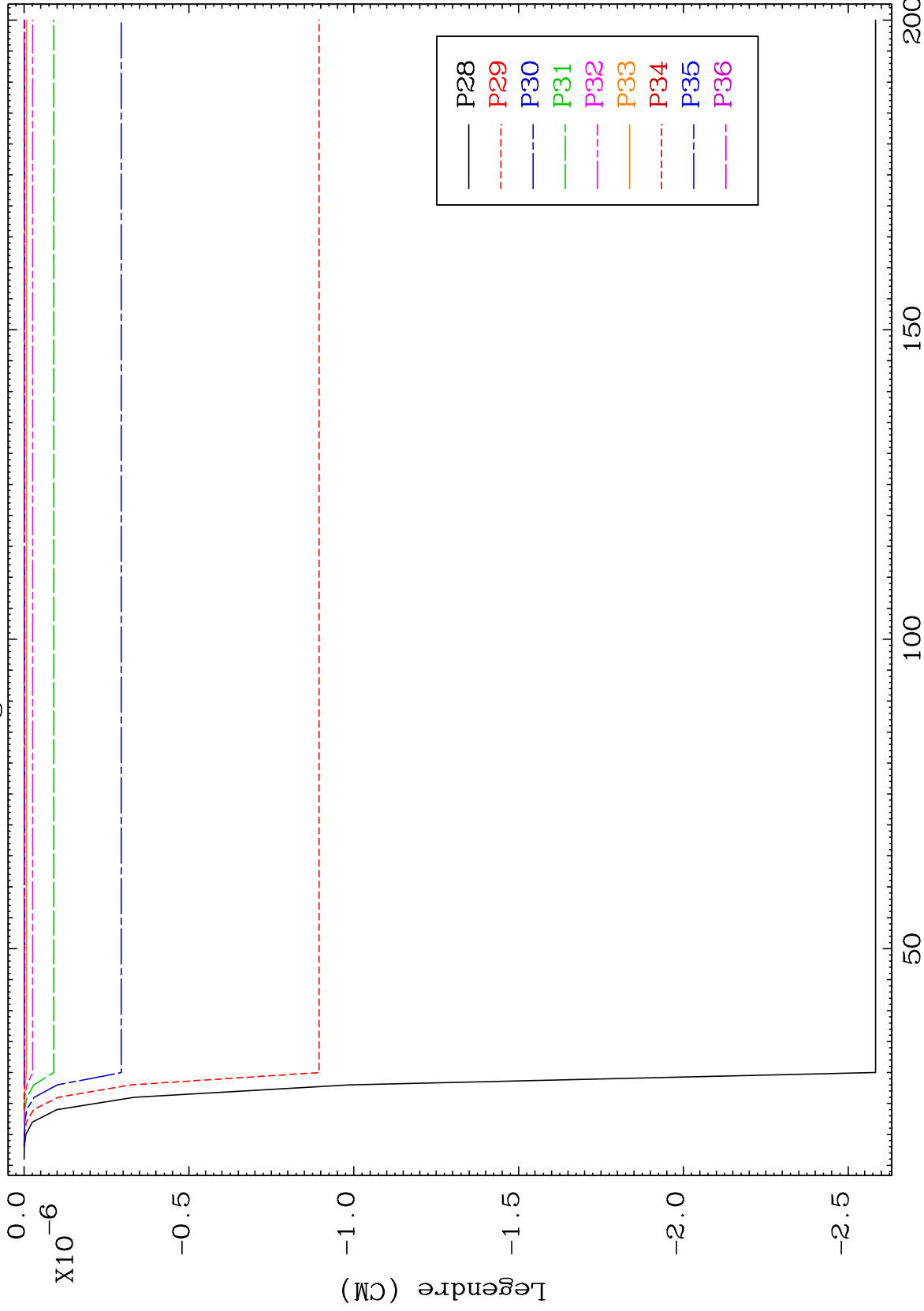
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



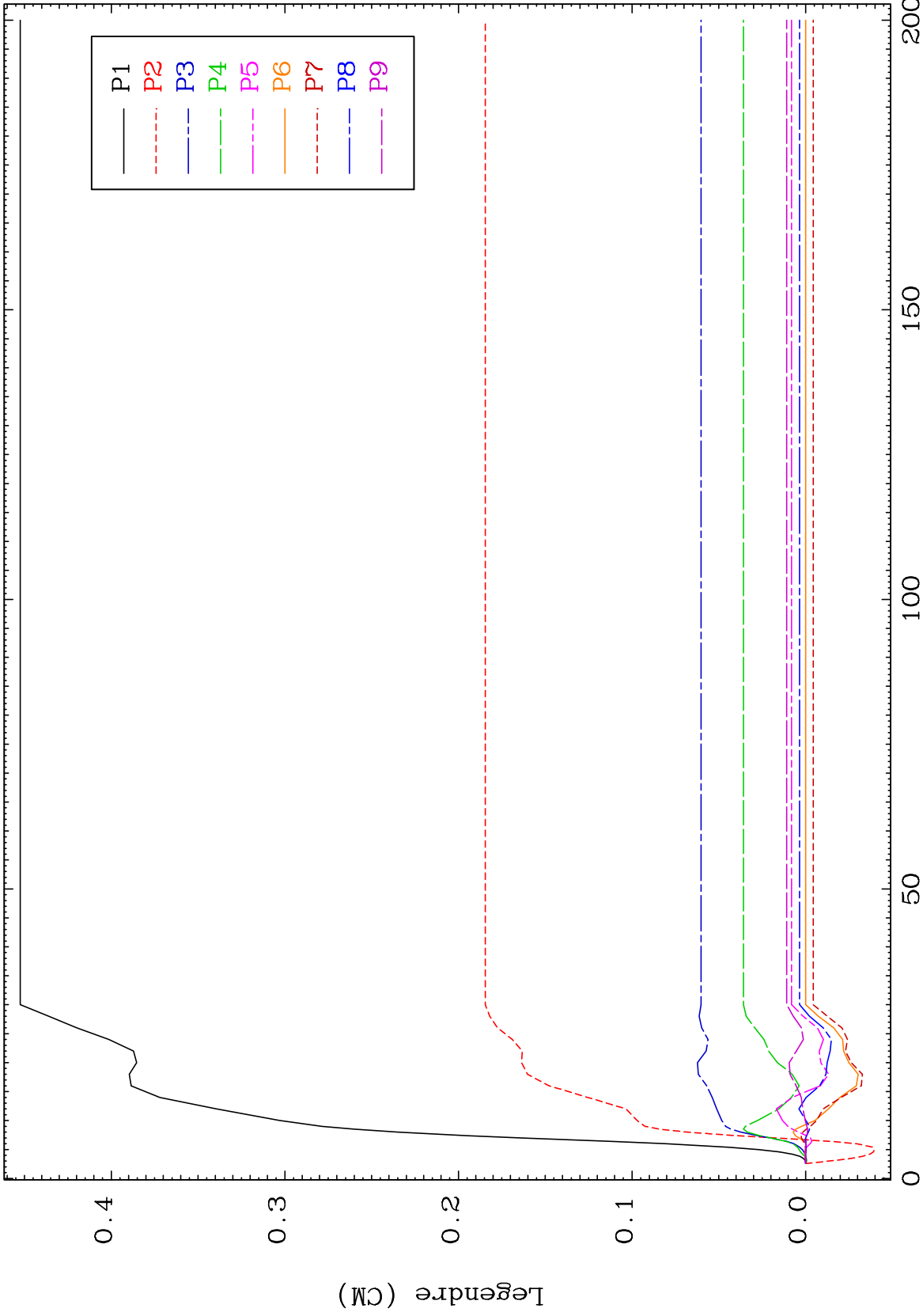
89

54-Xe-134

MAT 5455

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

54-Xe-134



54-Xe-134

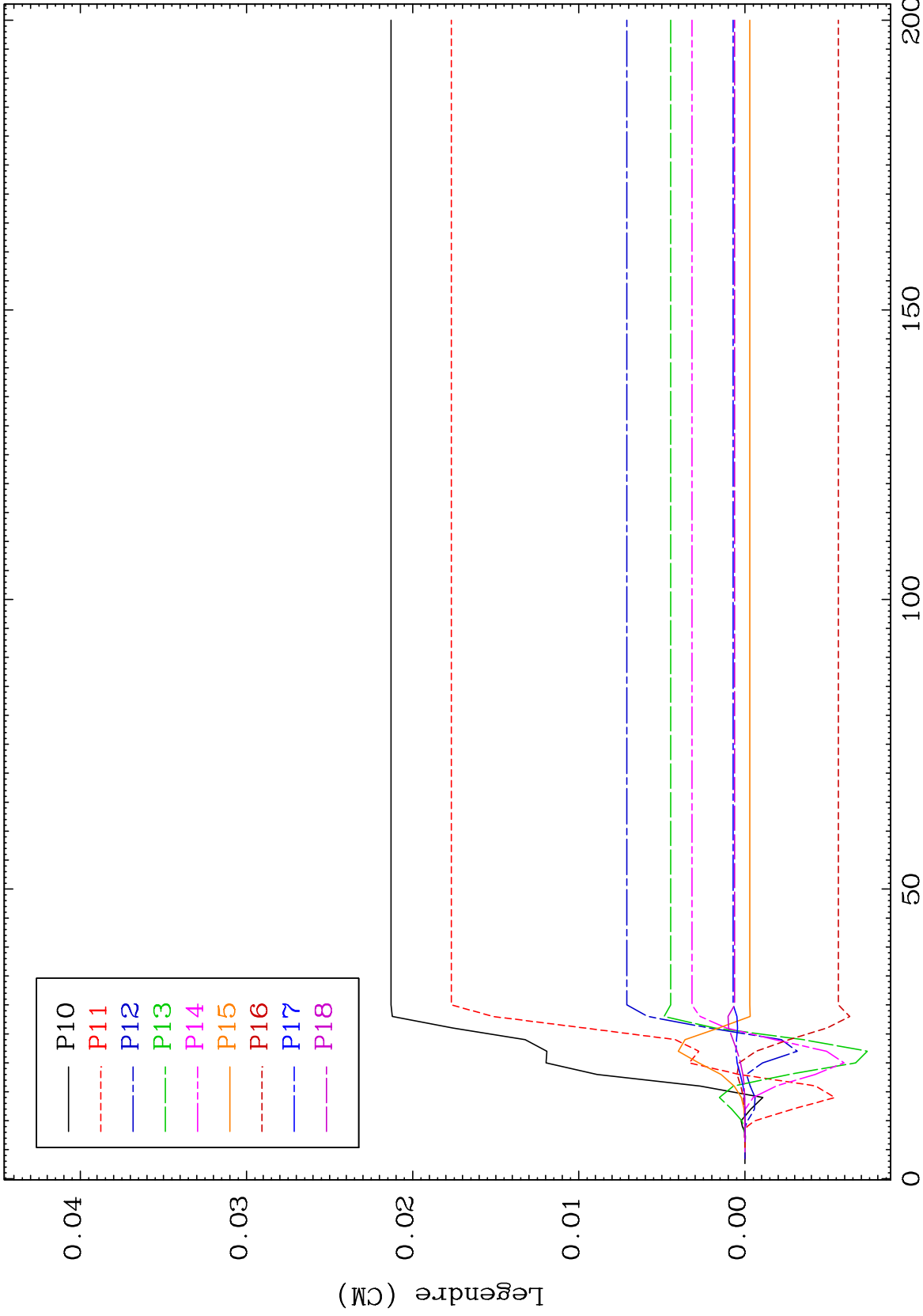
Incident Energy (MeV)

90

MAT 5455

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

54-Xe-134



91

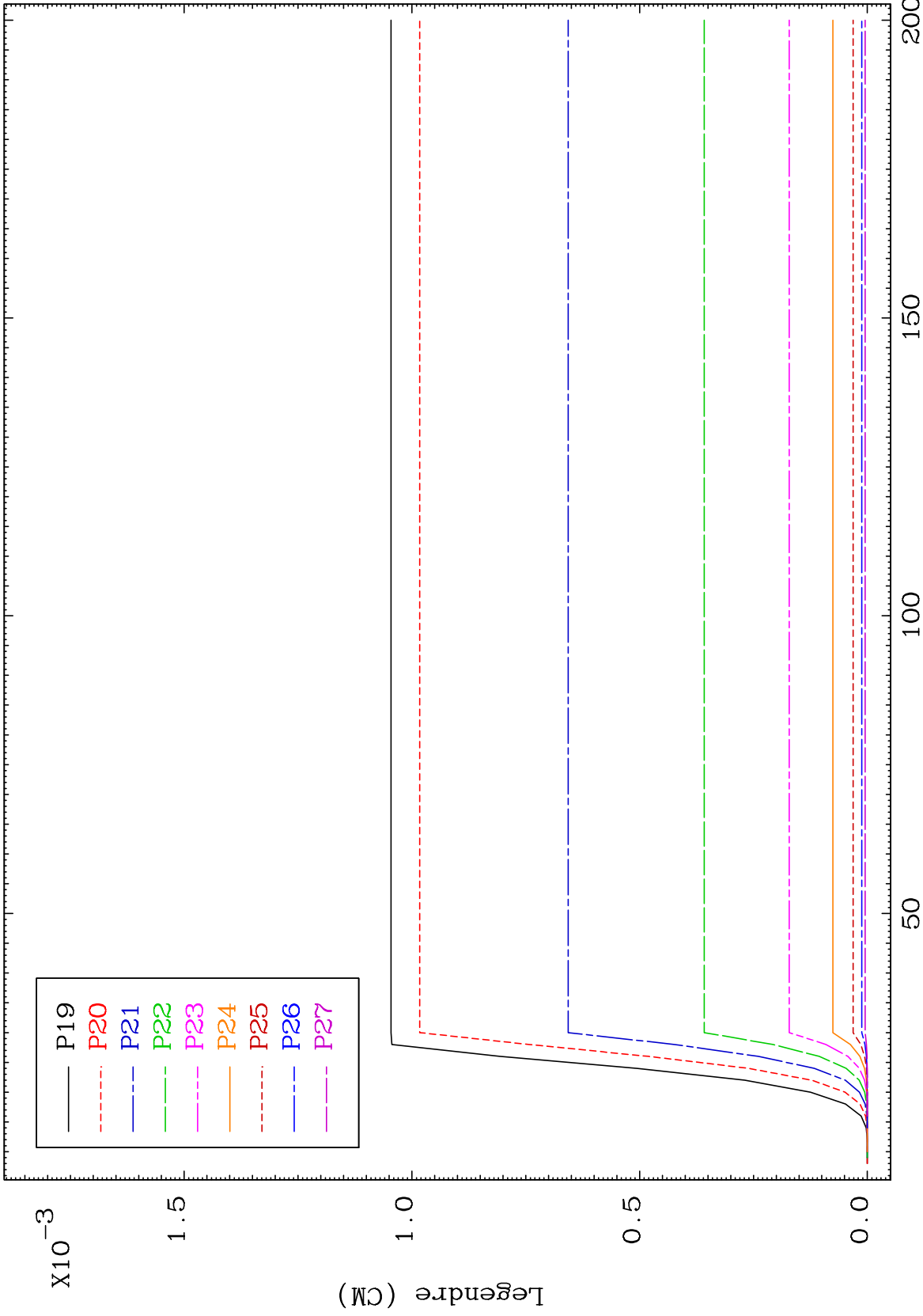
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



92

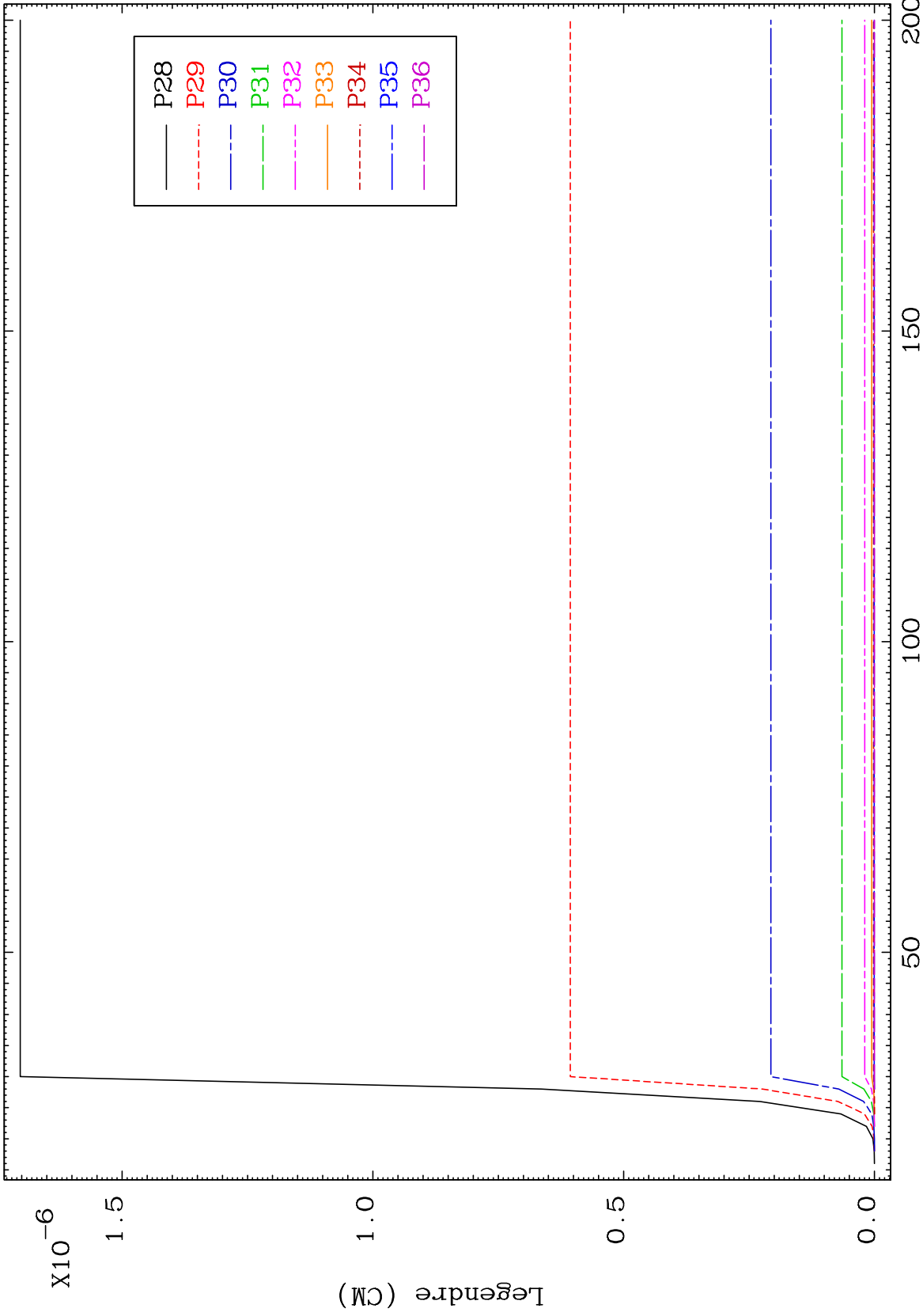
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



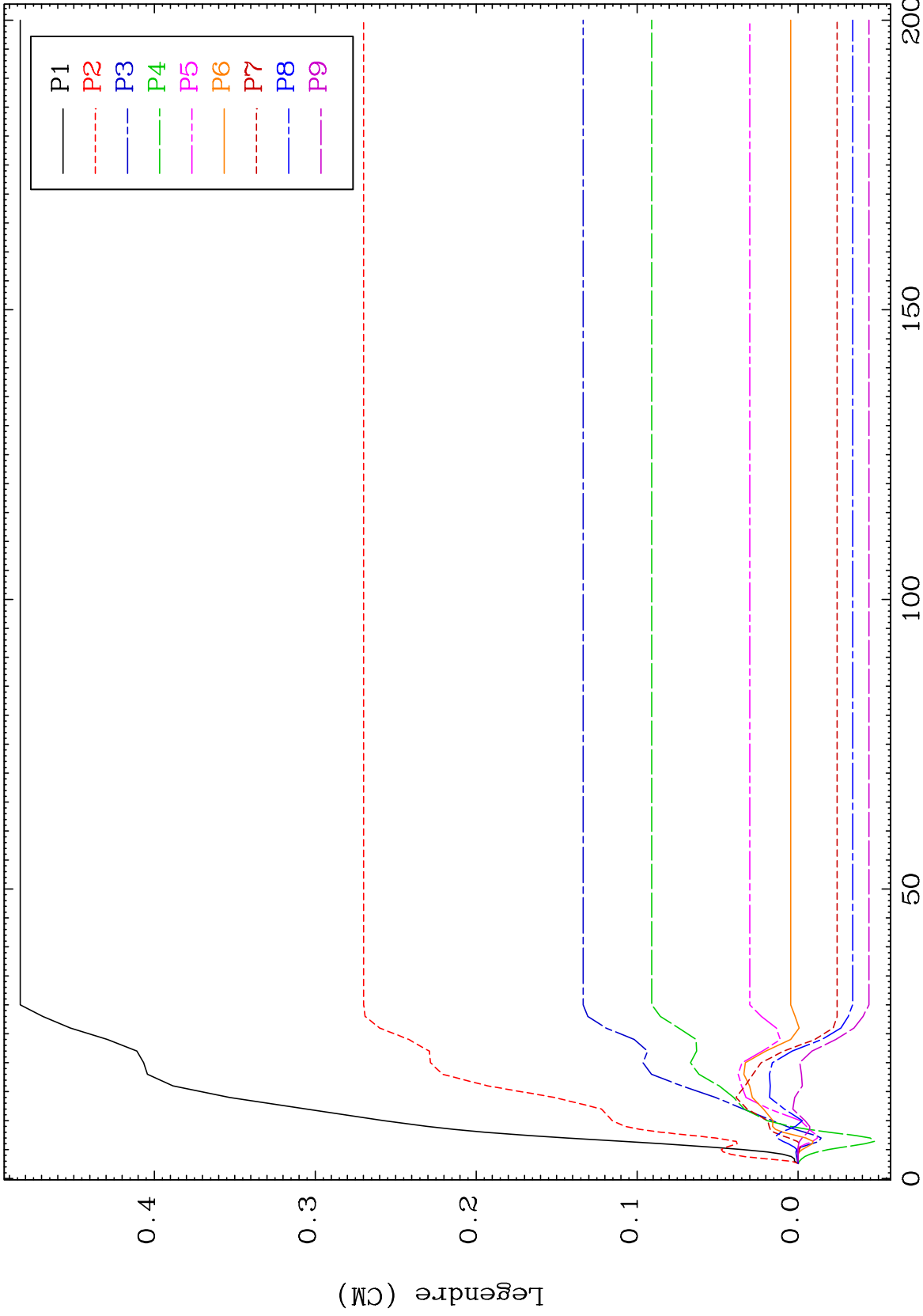
93

54-Xe-134

MAT 5455

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

54-Xe-134



94

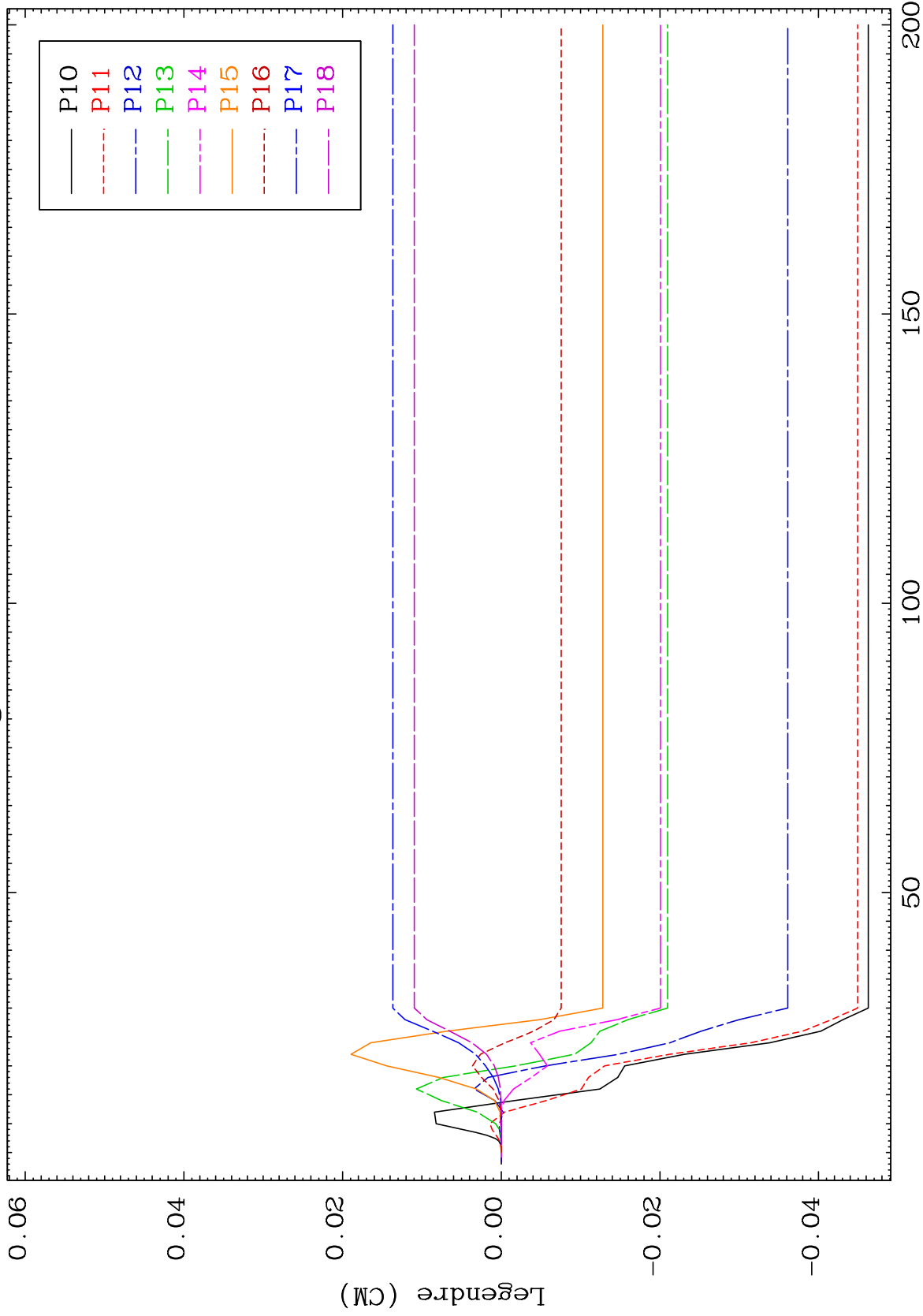
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



95

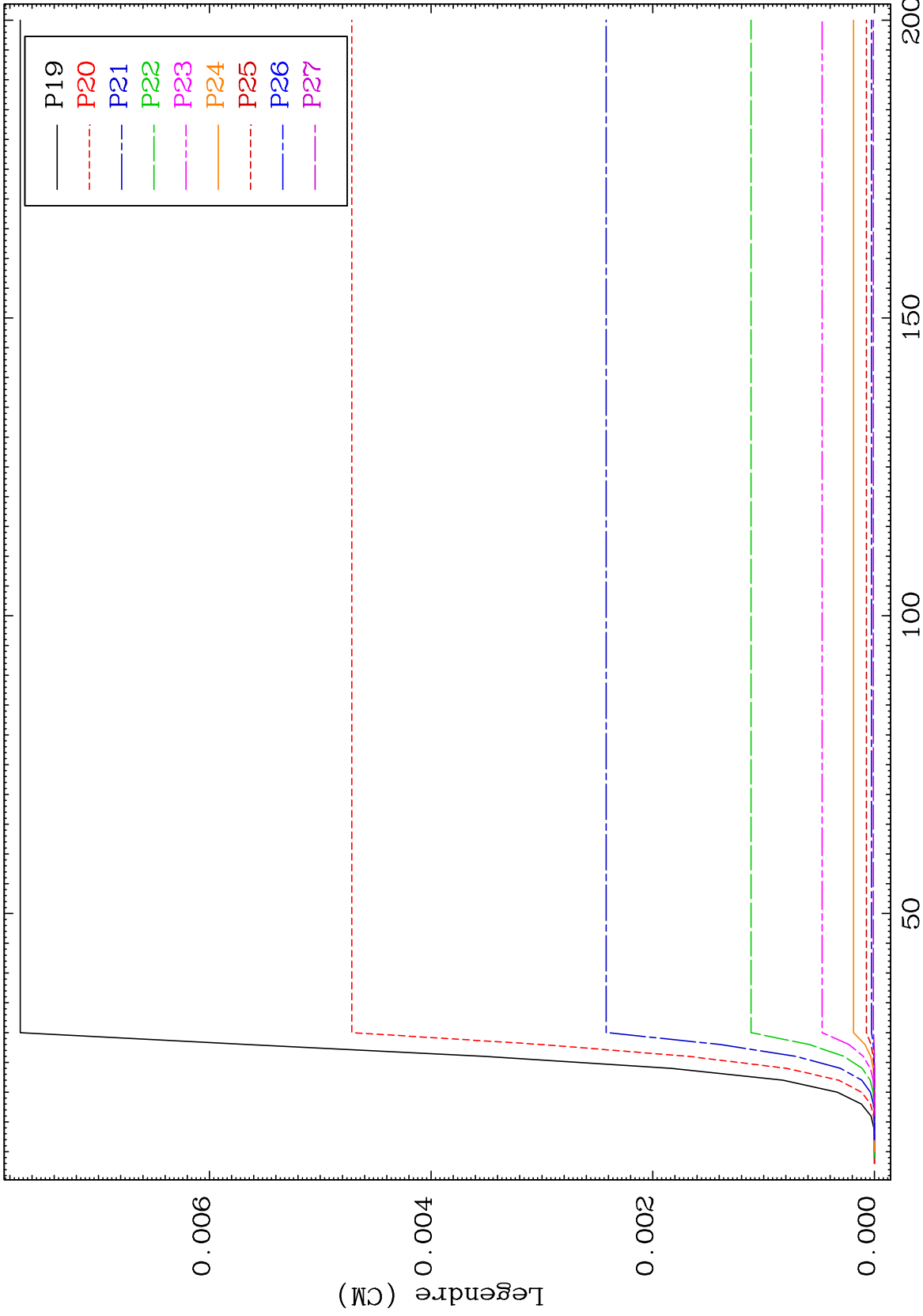
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



96

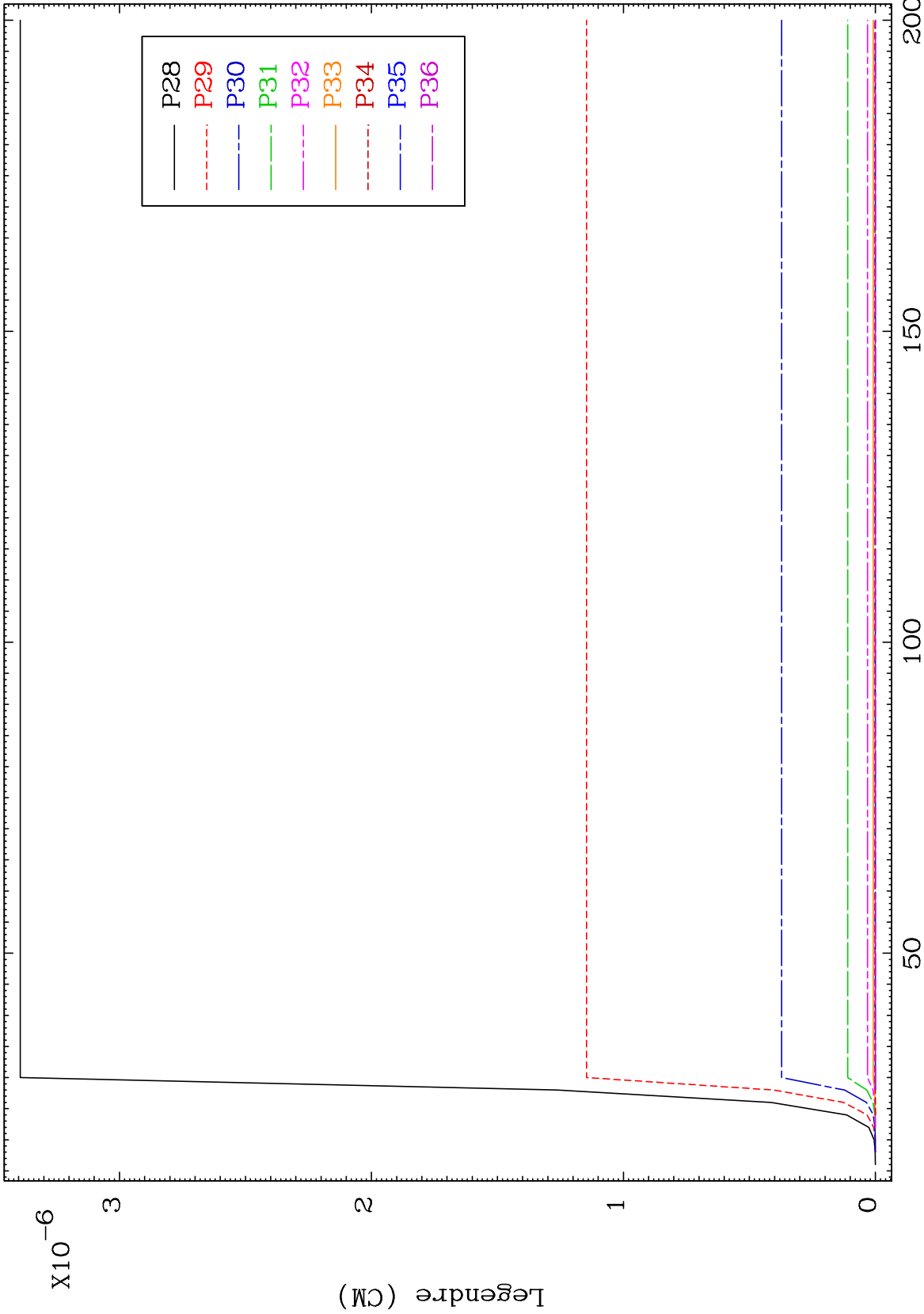
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



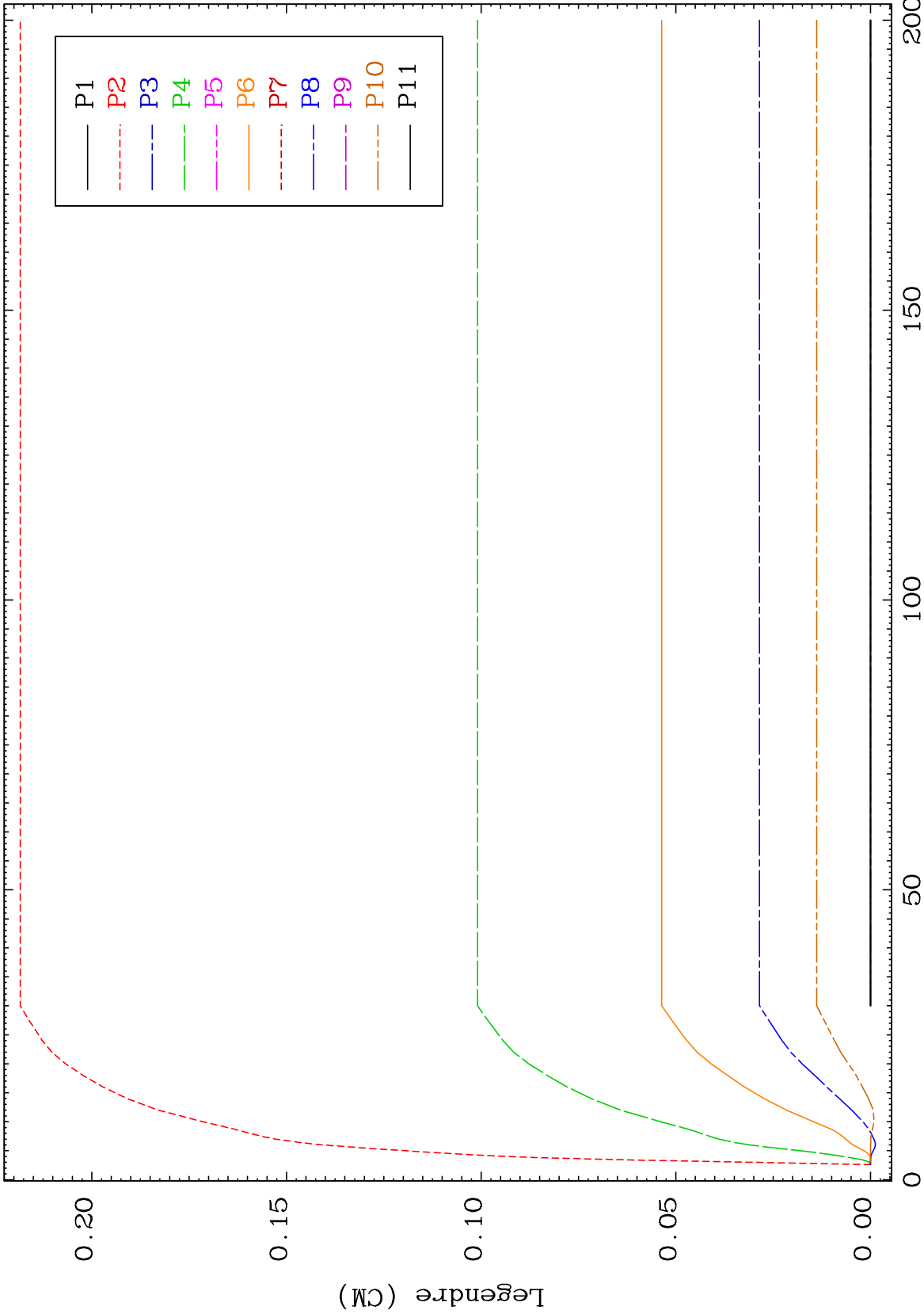
97

54-Xe-134

MAT 5455

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

54-Xe-134



98

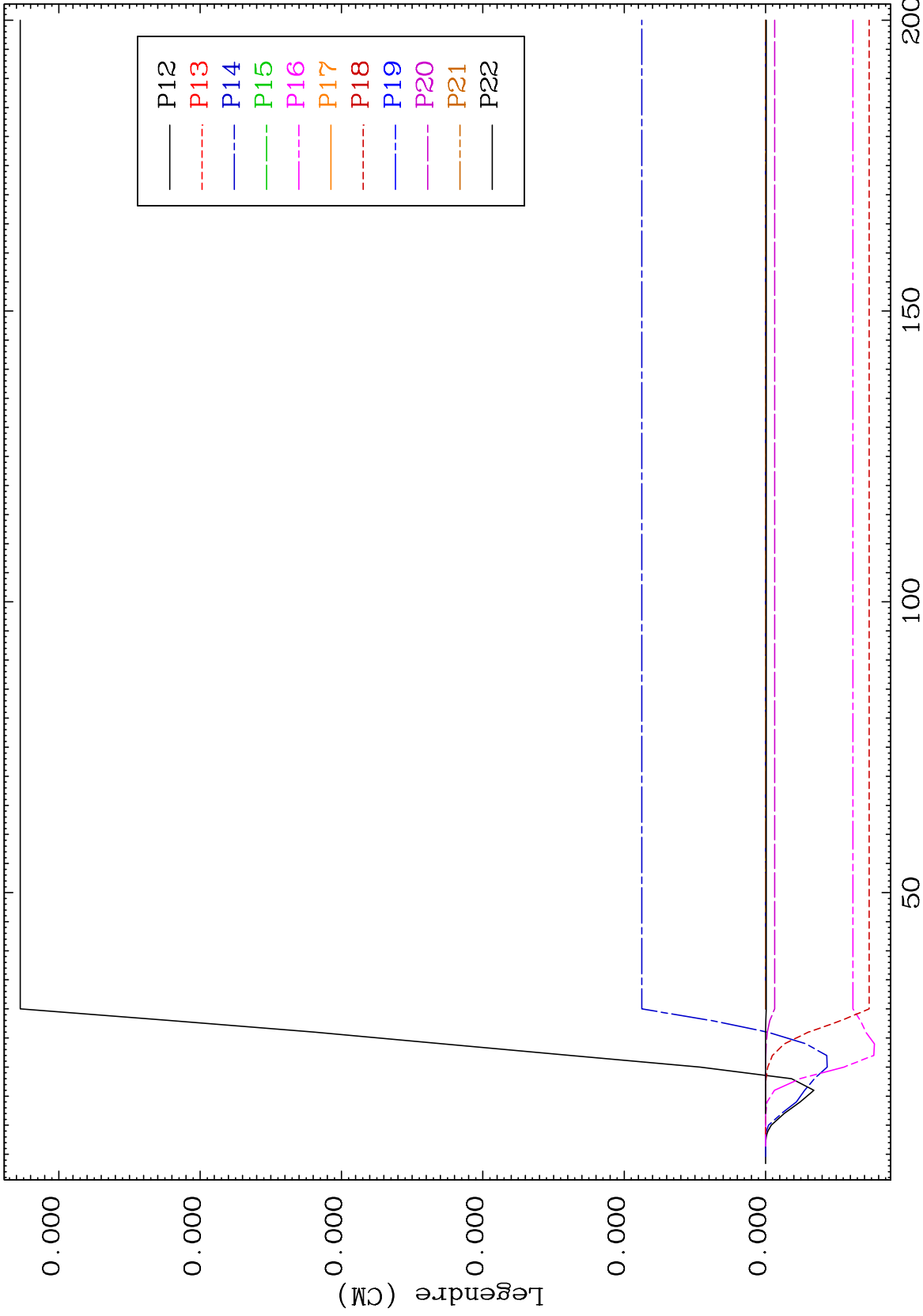
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



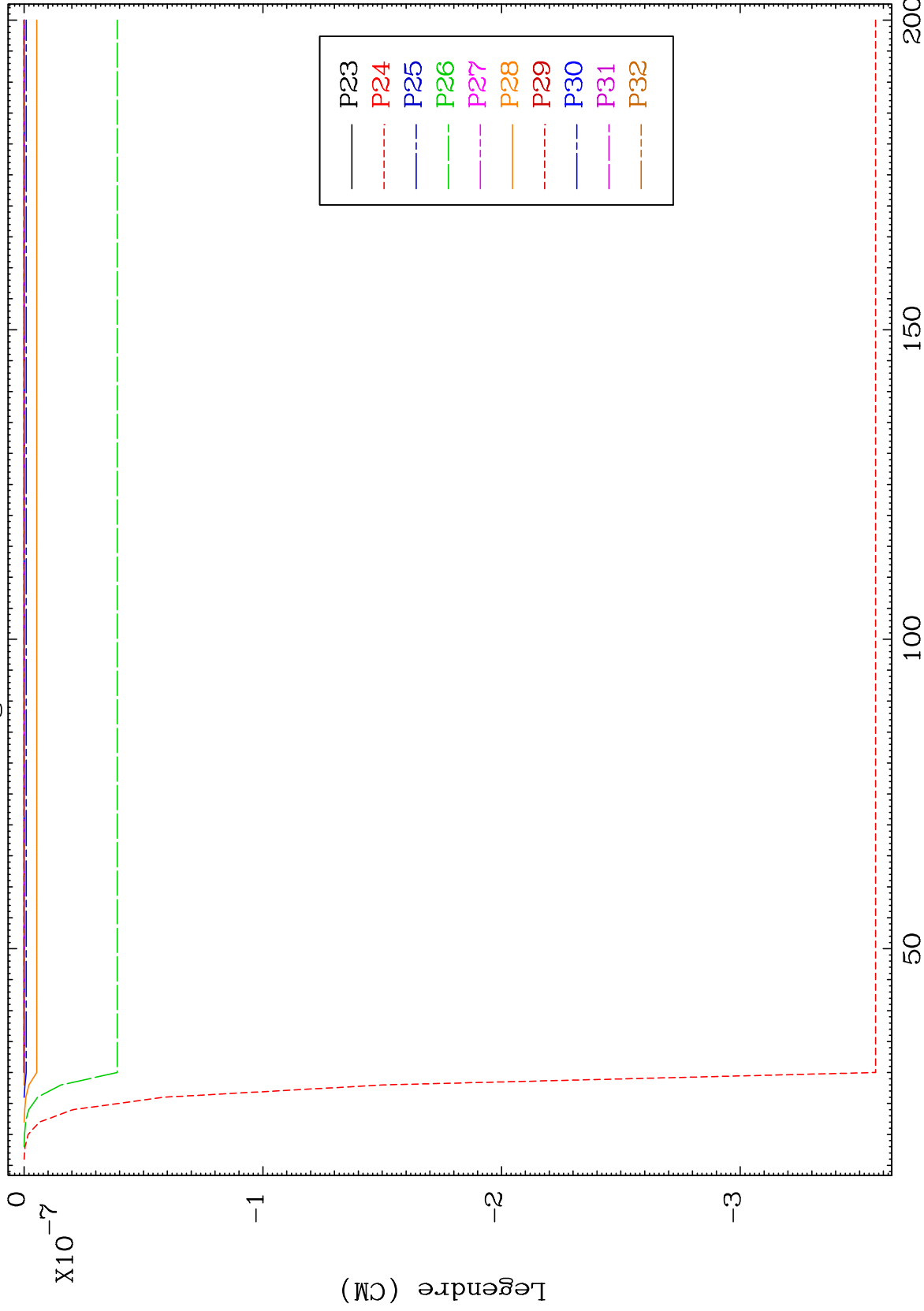
99

54-Xe-134

MAT 5455

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

54-Xe-134



100

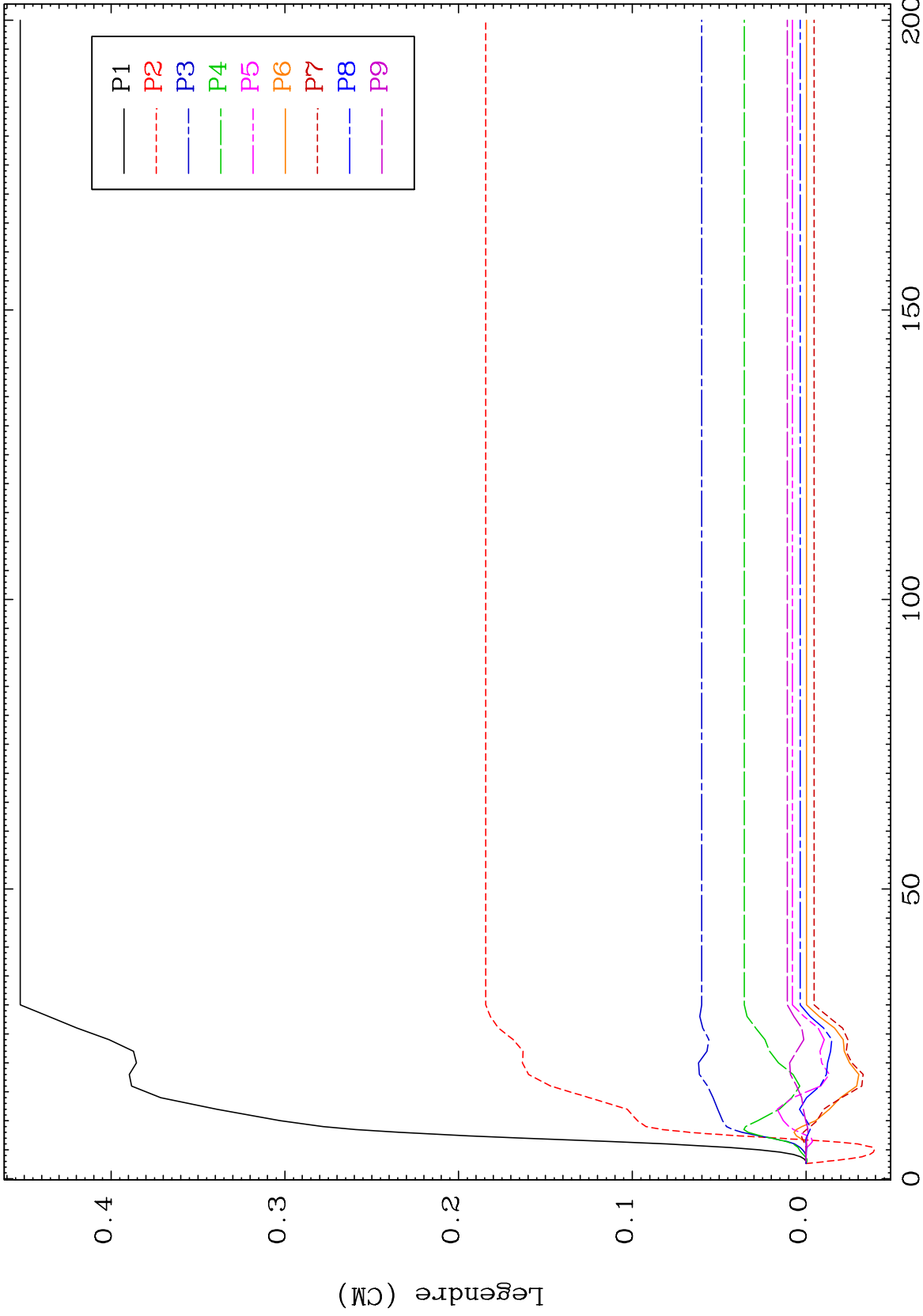
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



101

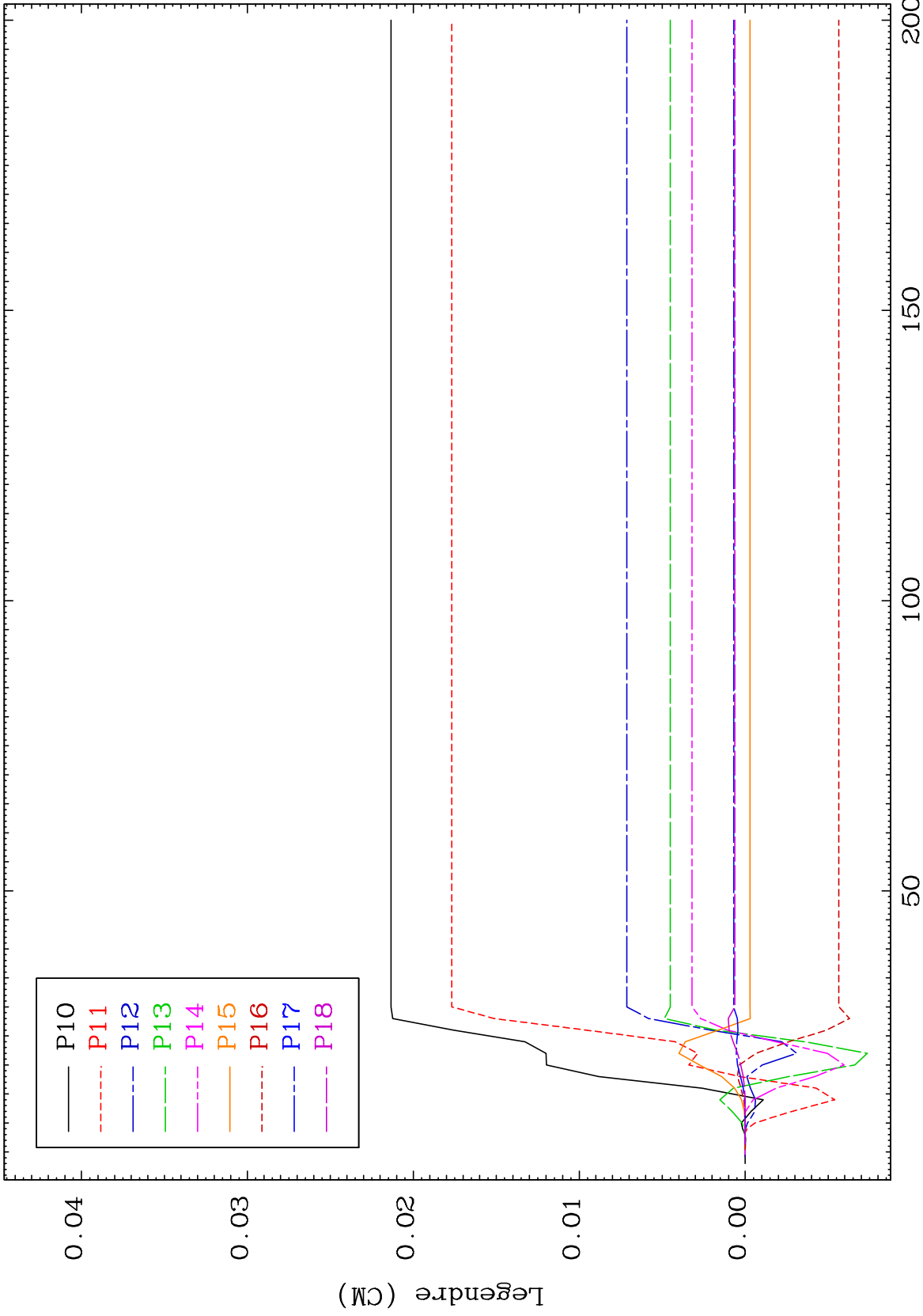
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



102

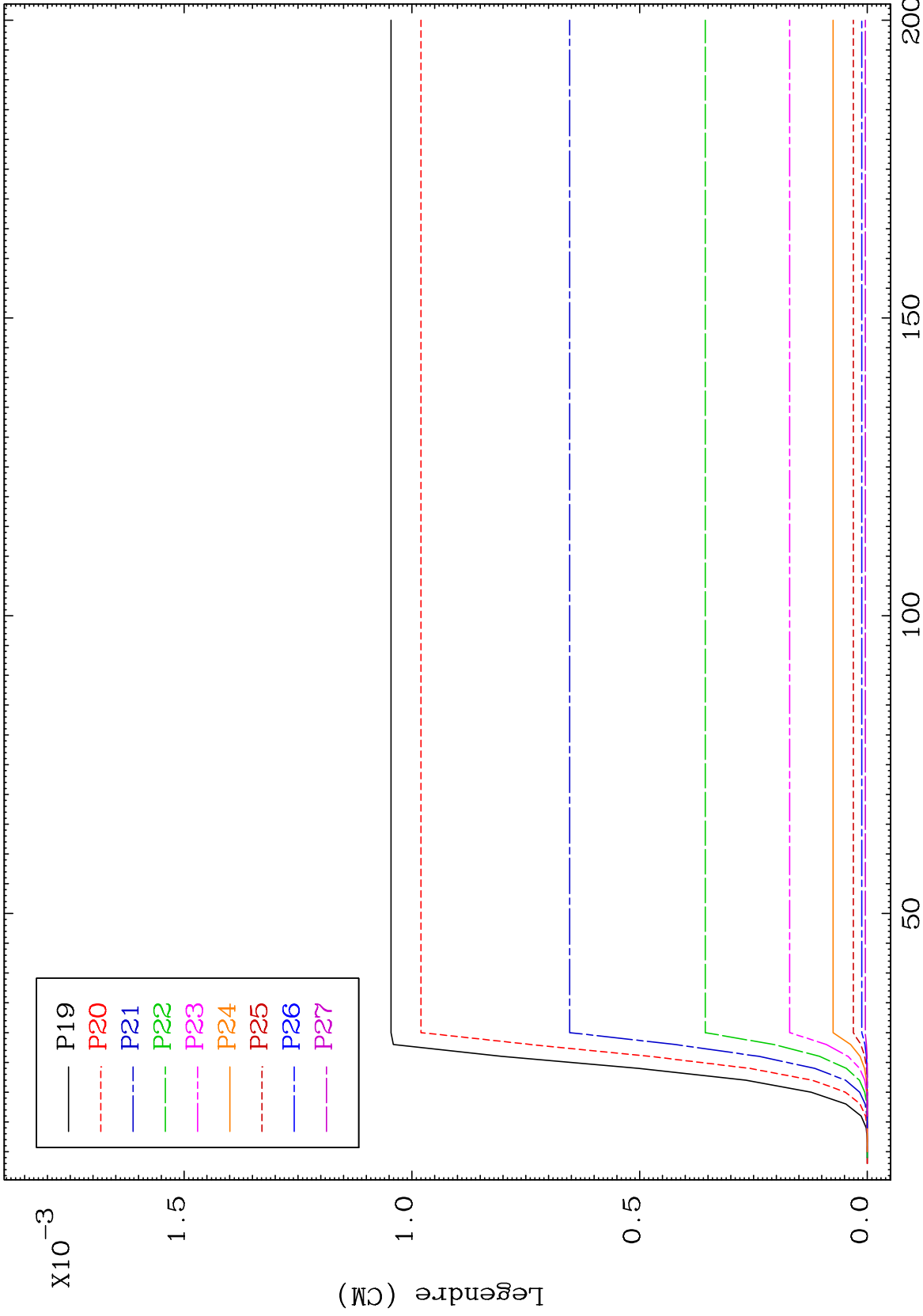
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



103

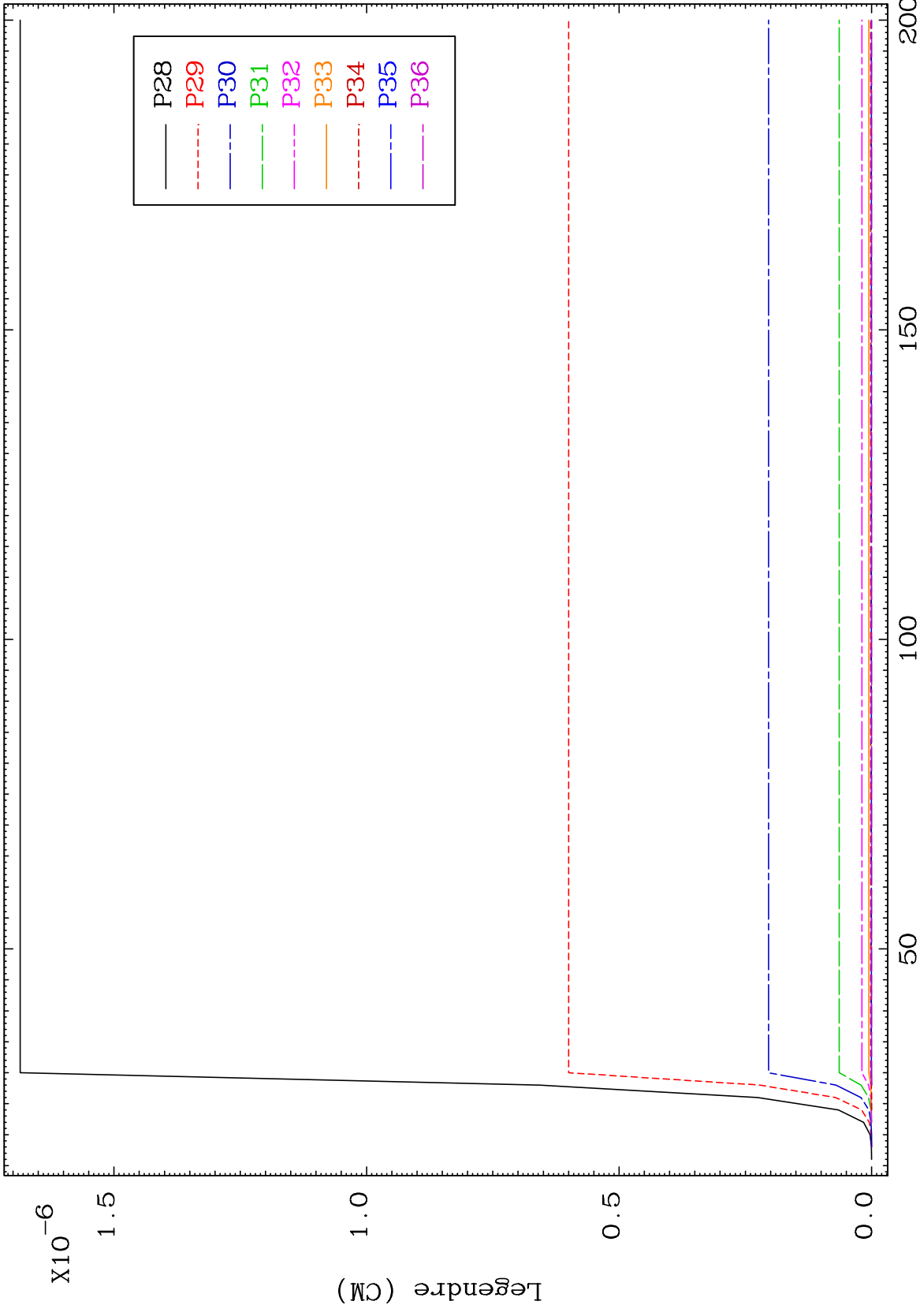
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



54-Xe-134

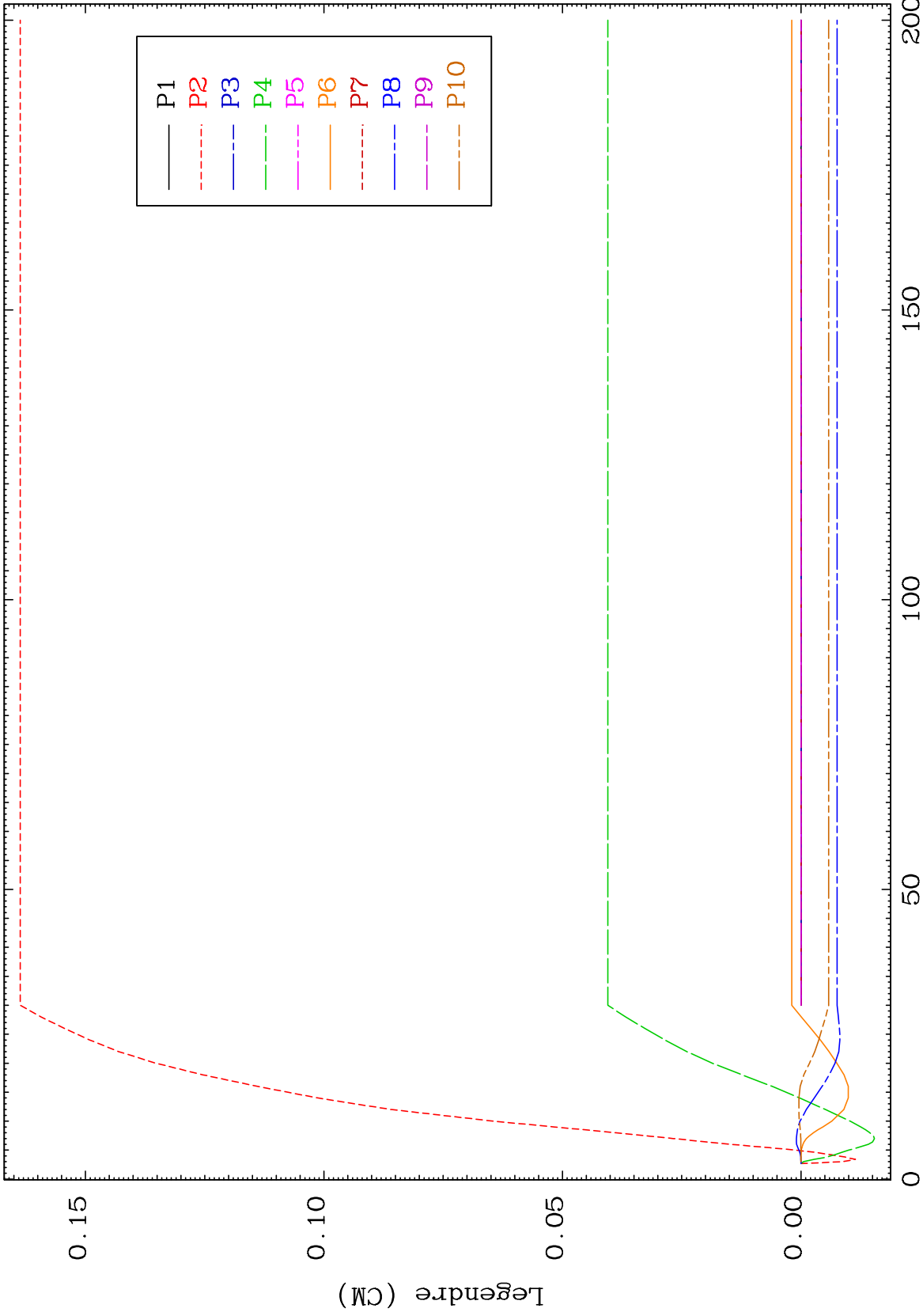
Incident Energy (MeV)

104

MAT 5455

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

54-Xe-134



54-Xe-134

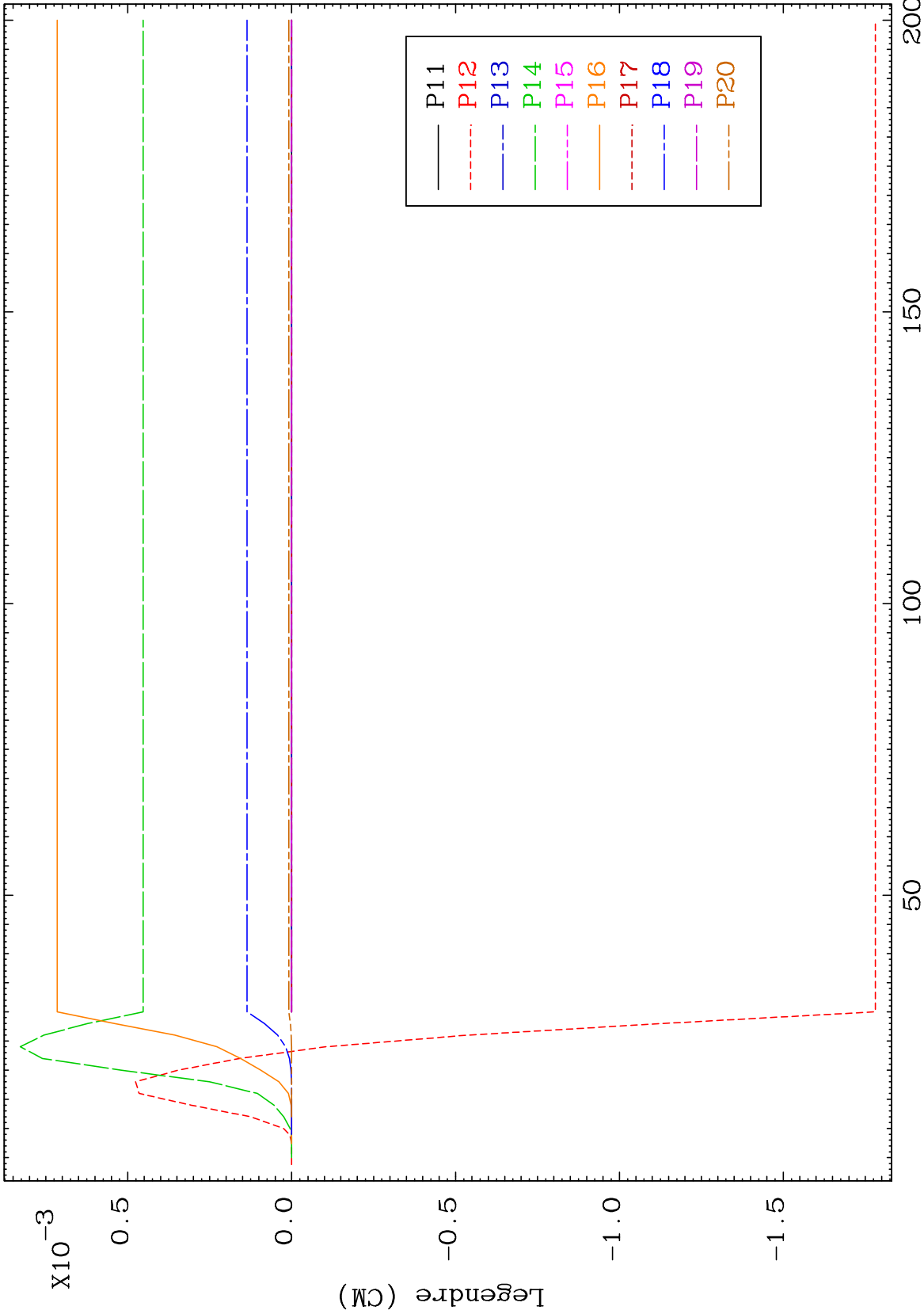
Incident Energy (MeV)

105

MAT 5455

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

54-Xe-134



106

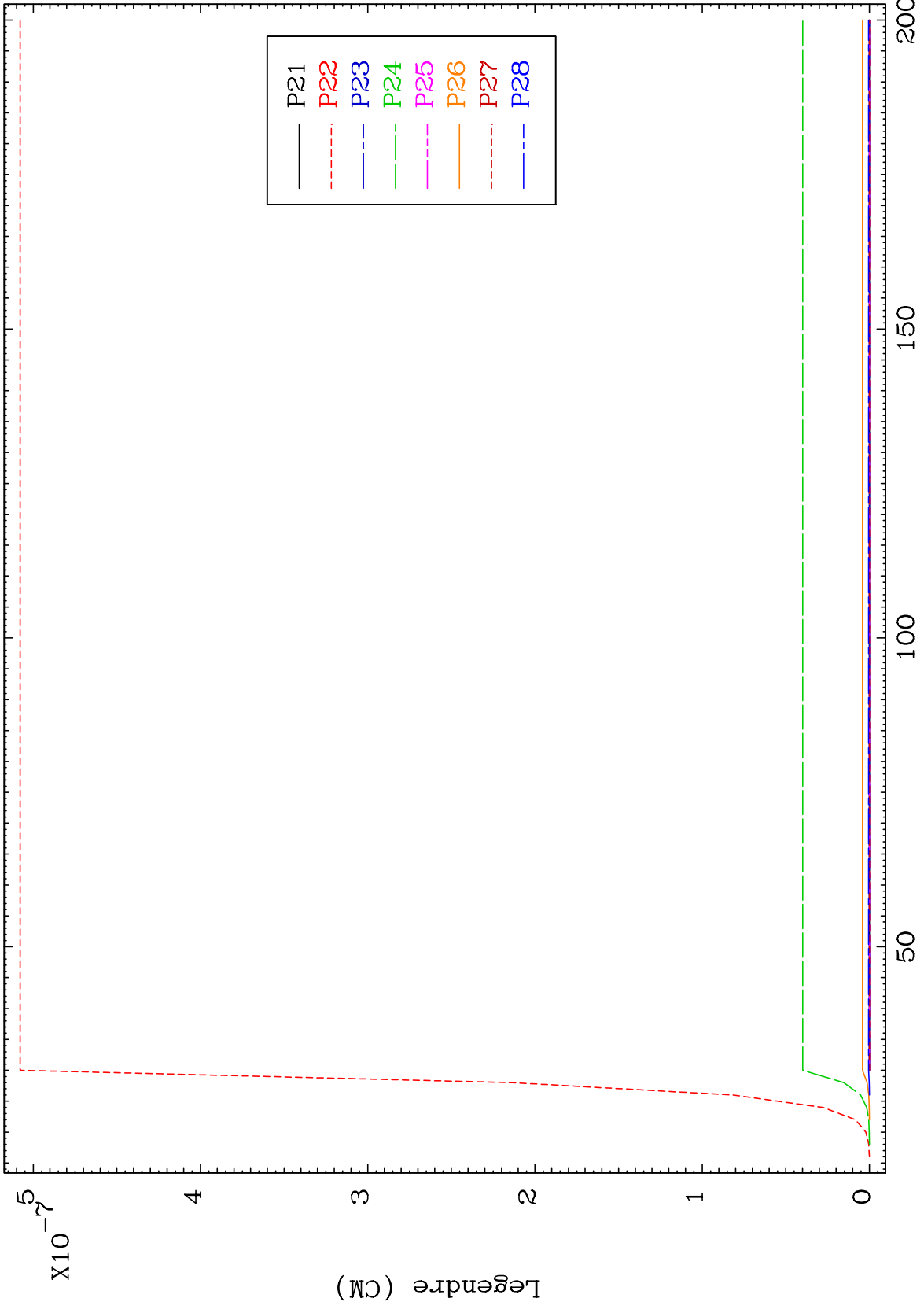
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



107

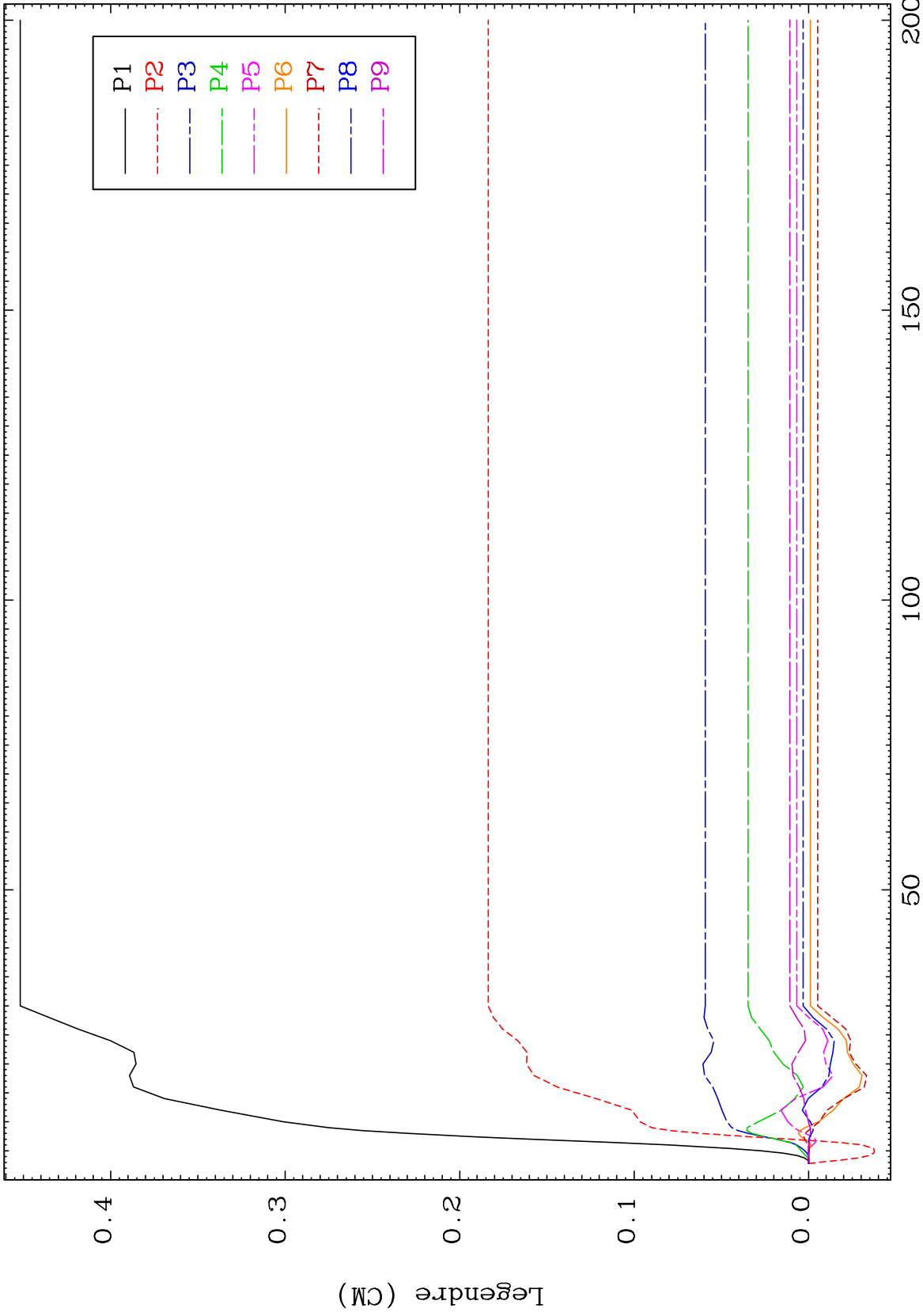
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



108

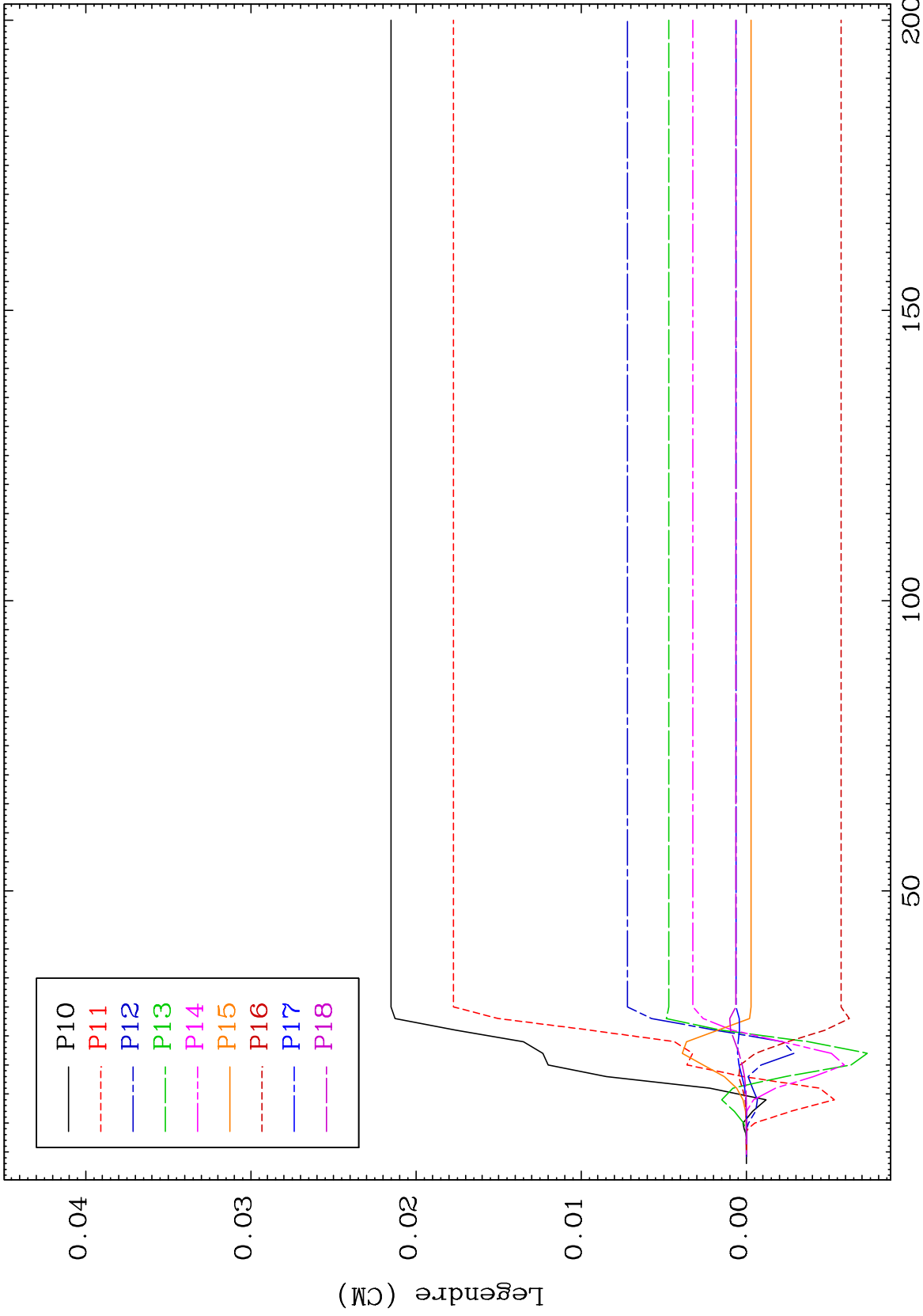
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



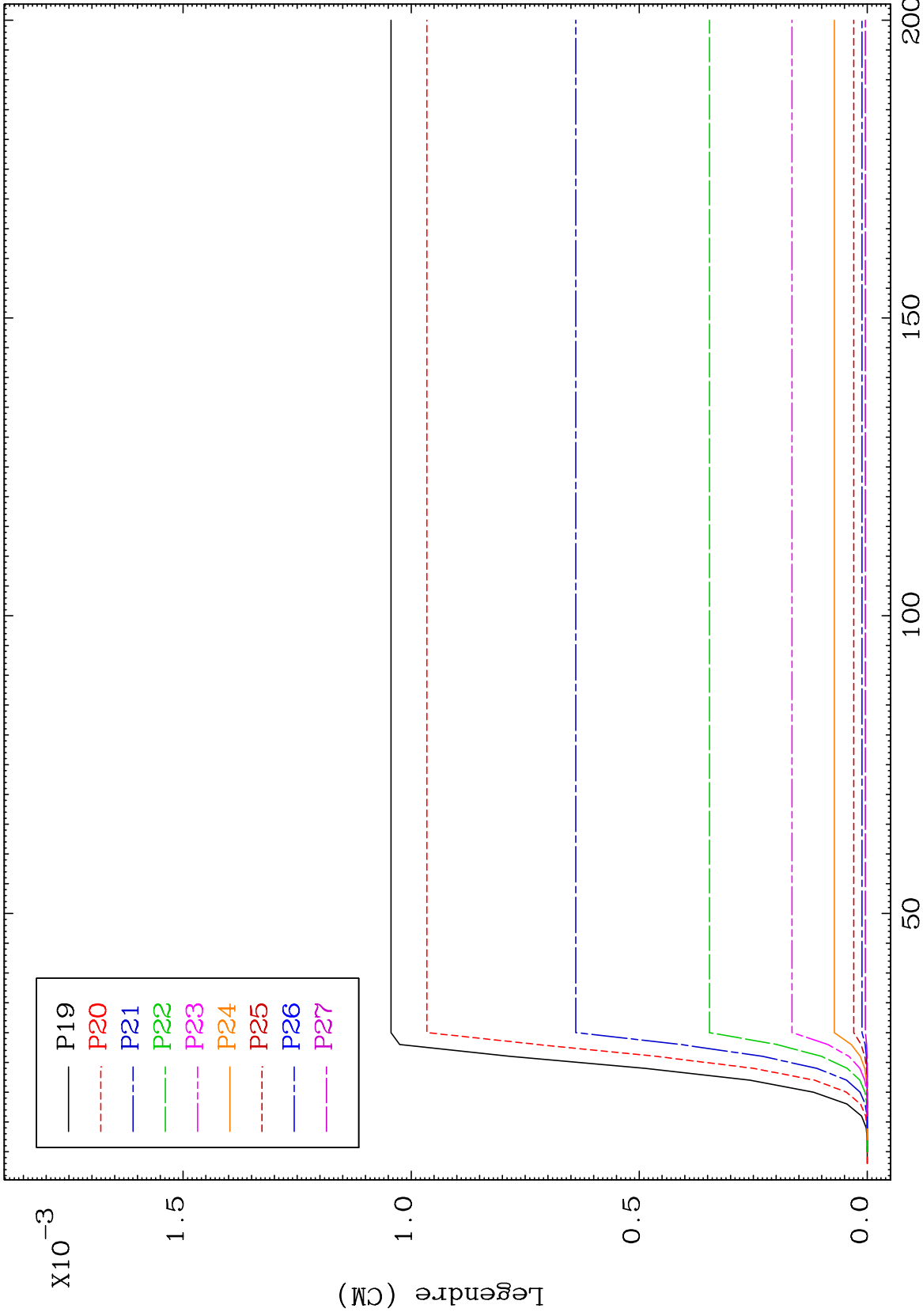
109

54-Xe-134

MAT 5455

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

54-Xe-134



110

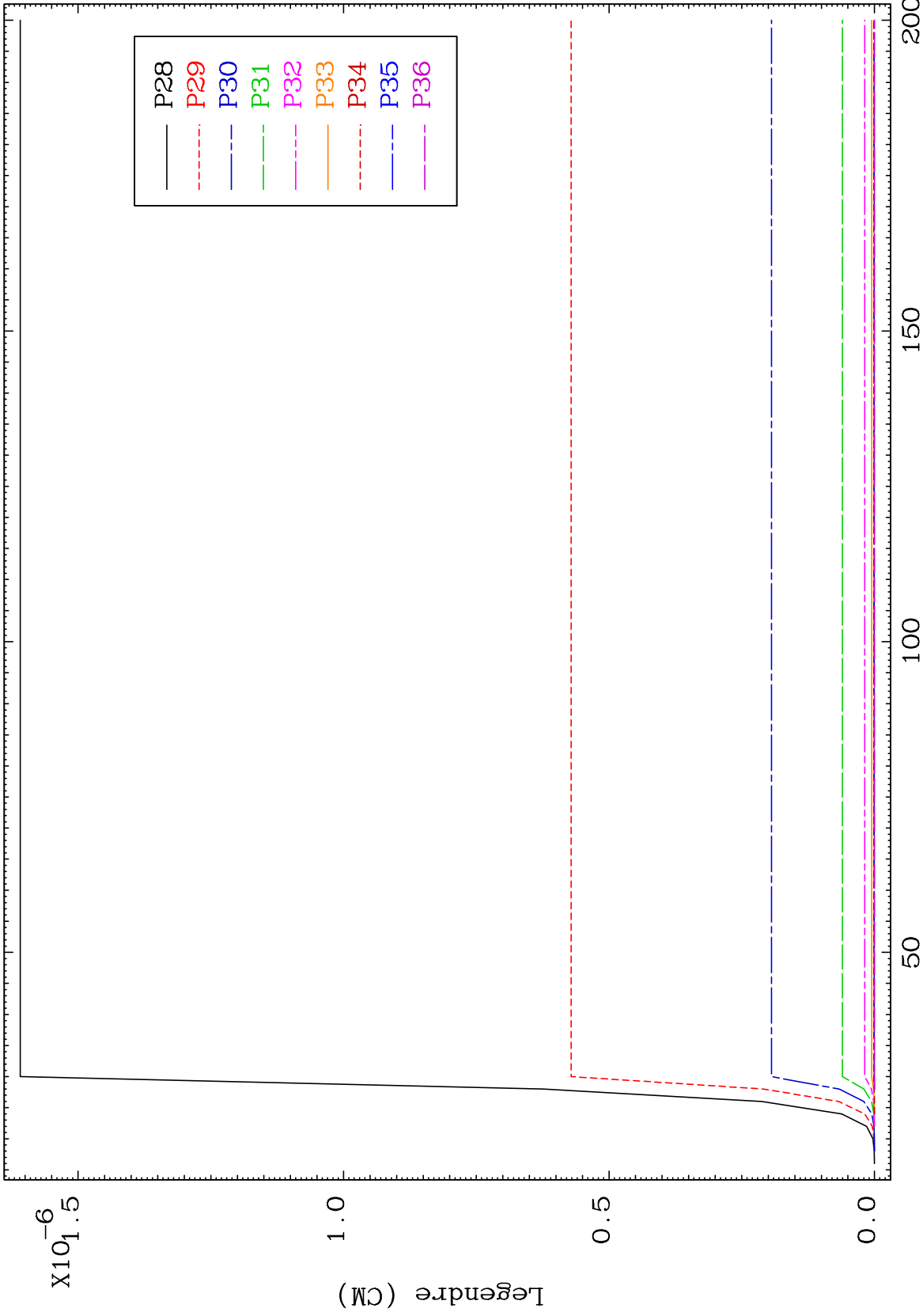
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



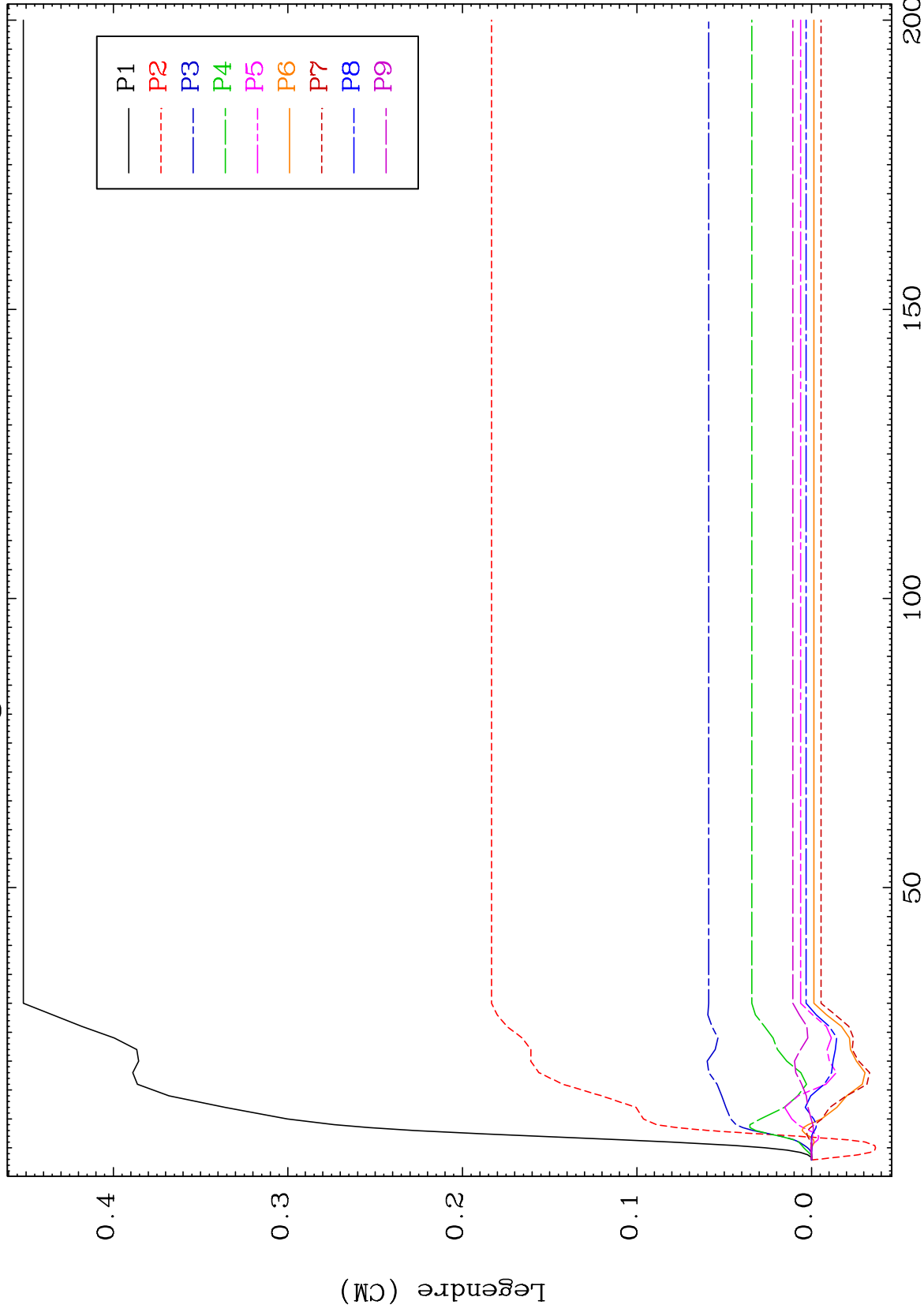
111

54-Xe-134

MAT 5455

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

54-Xe-134



112

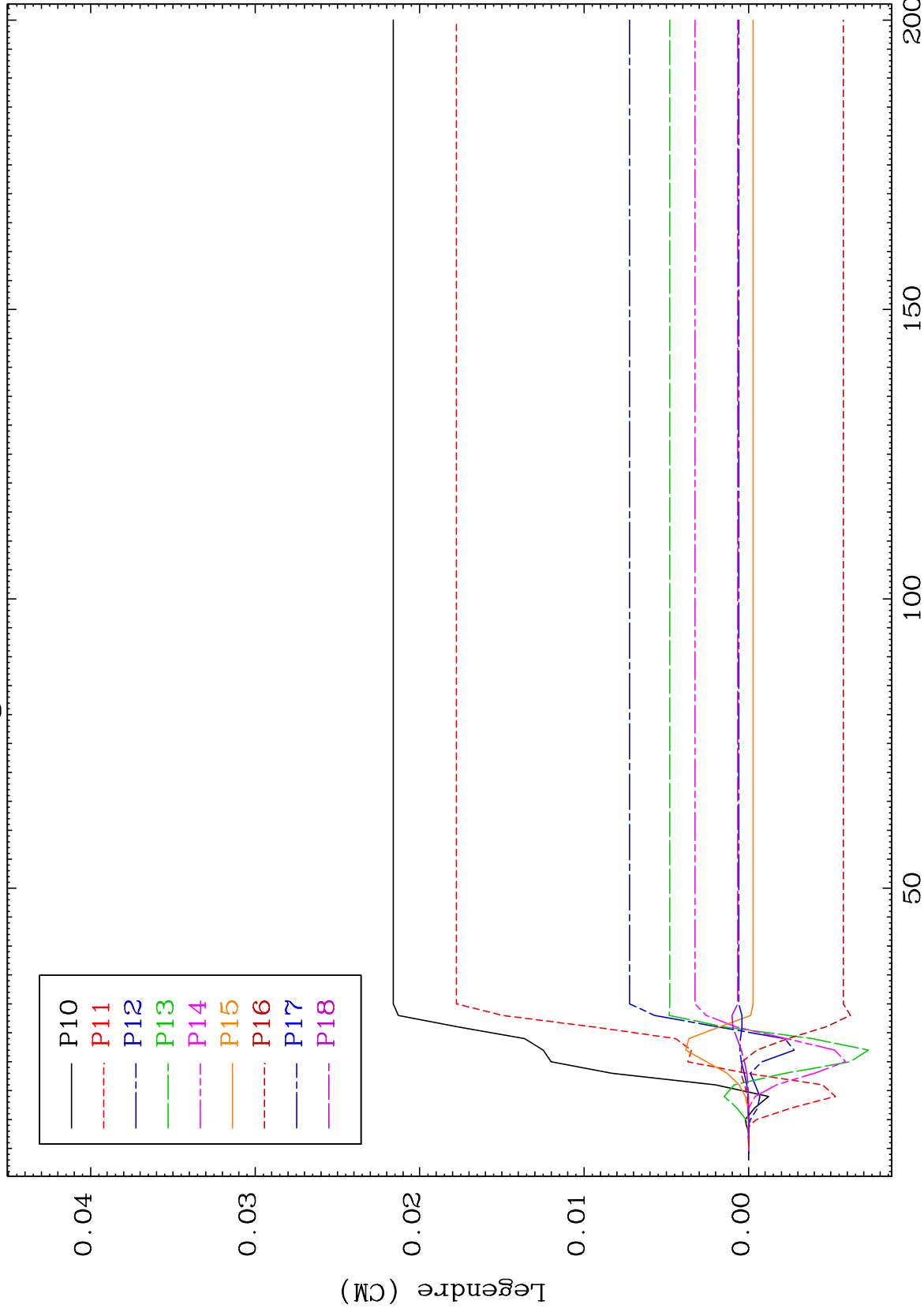
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



113

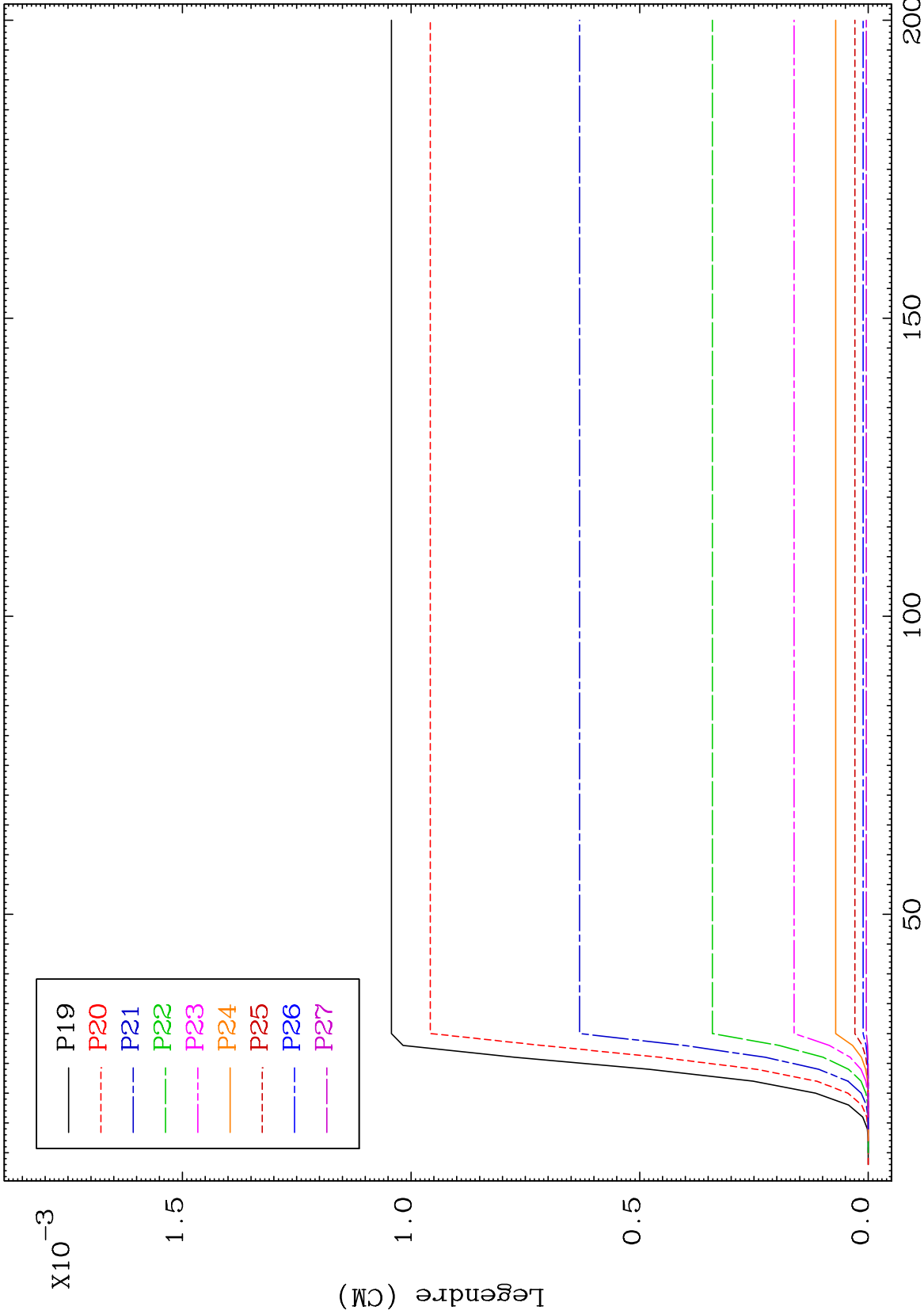
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



114

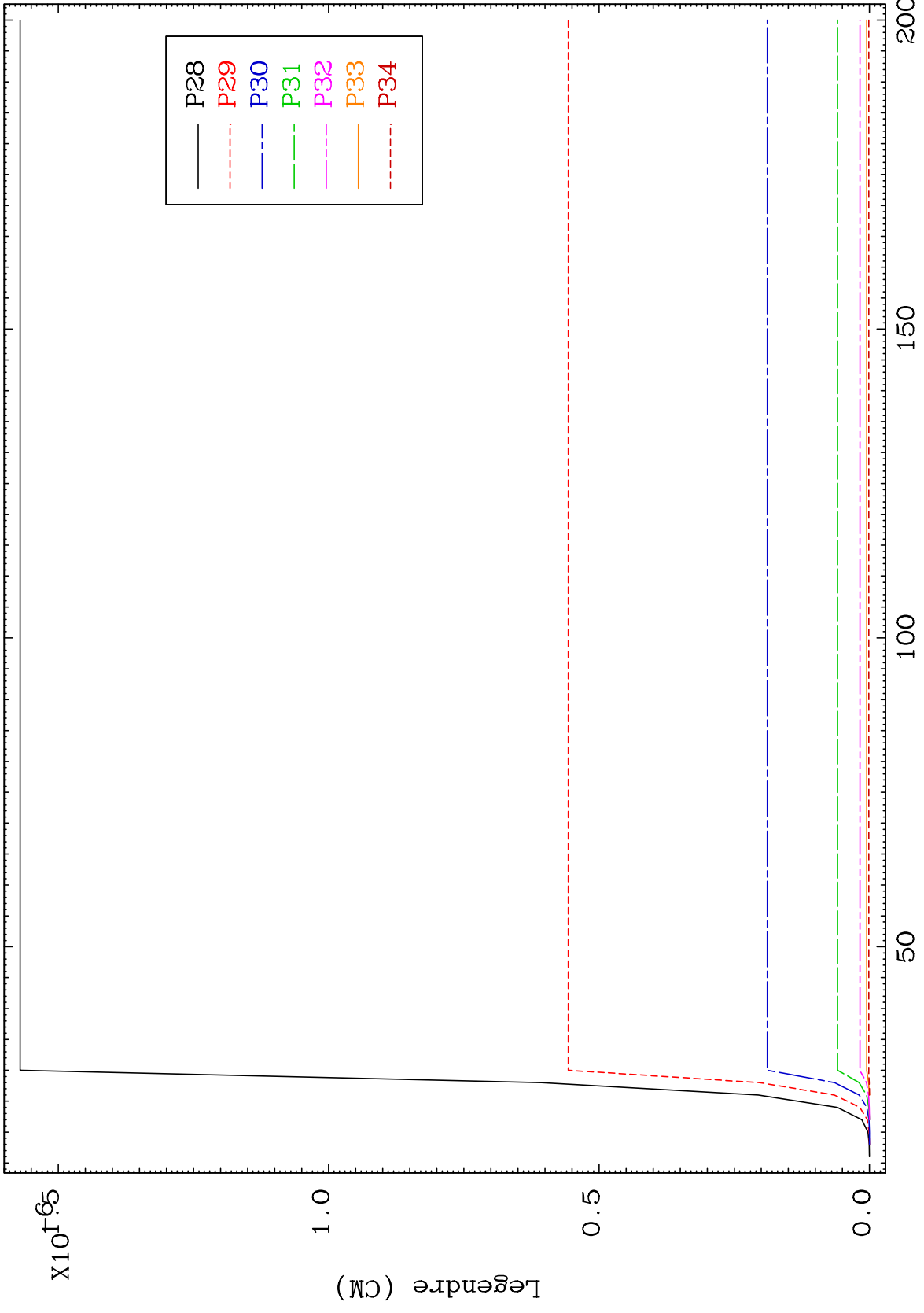
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



115

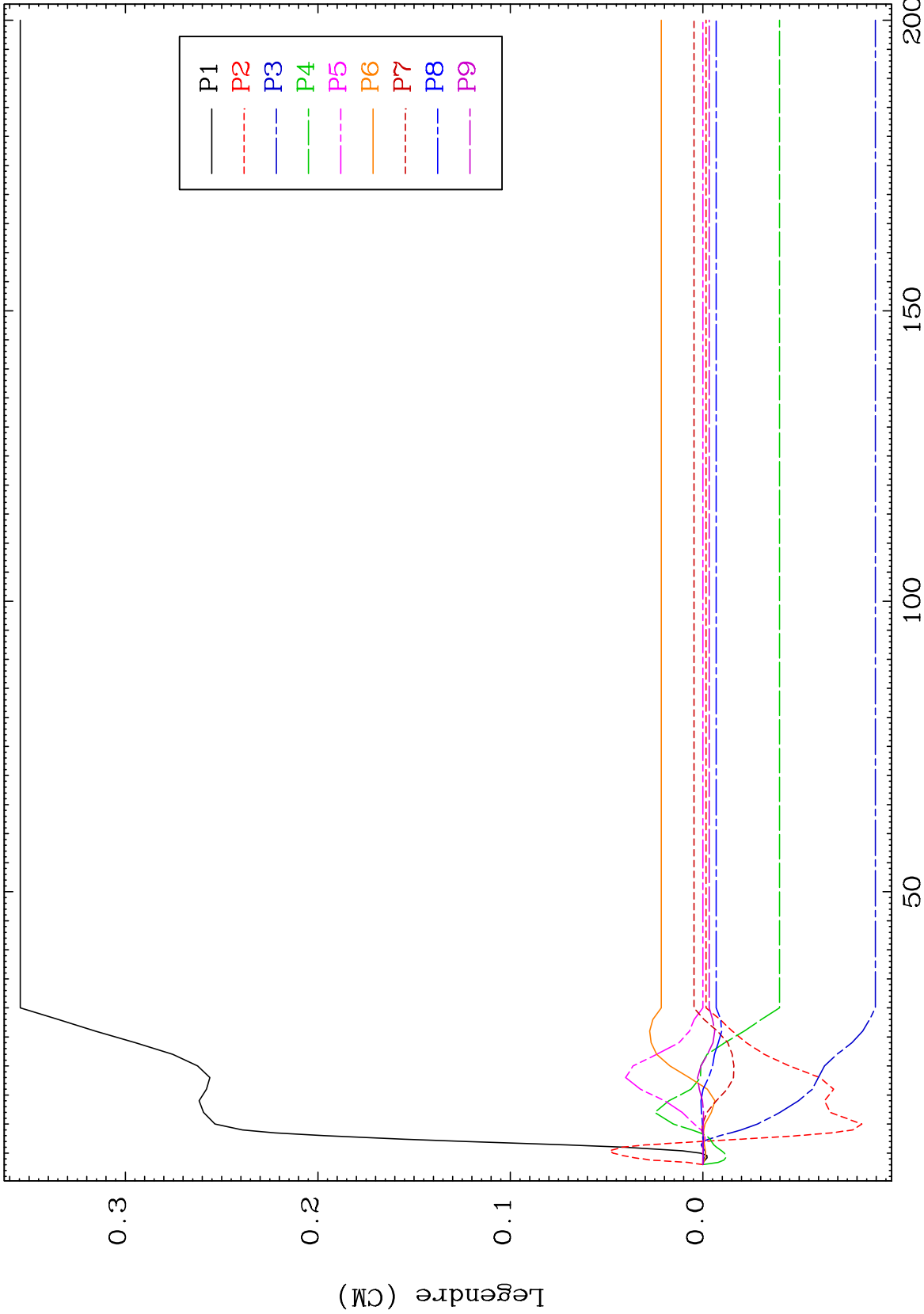
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



116

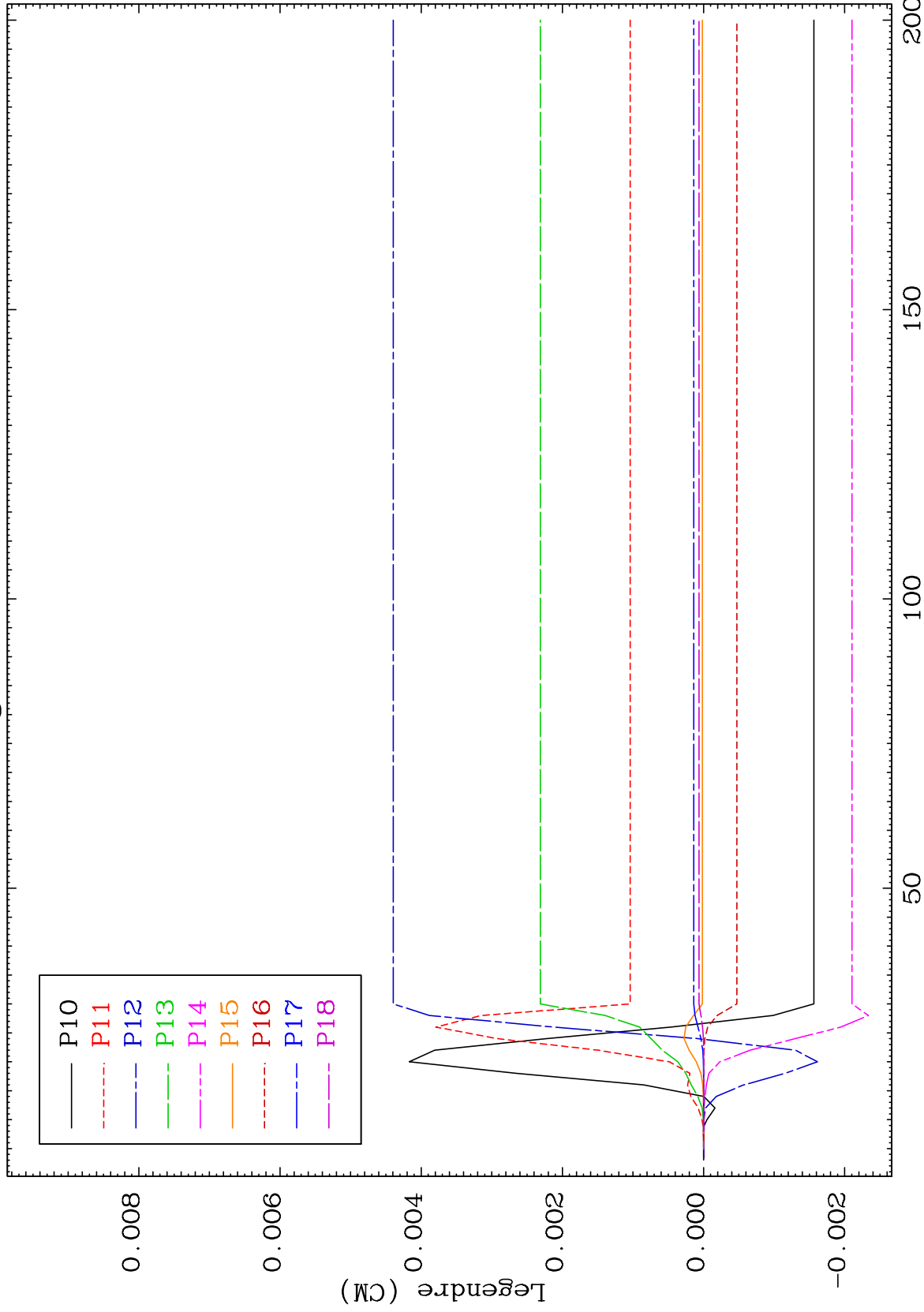
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



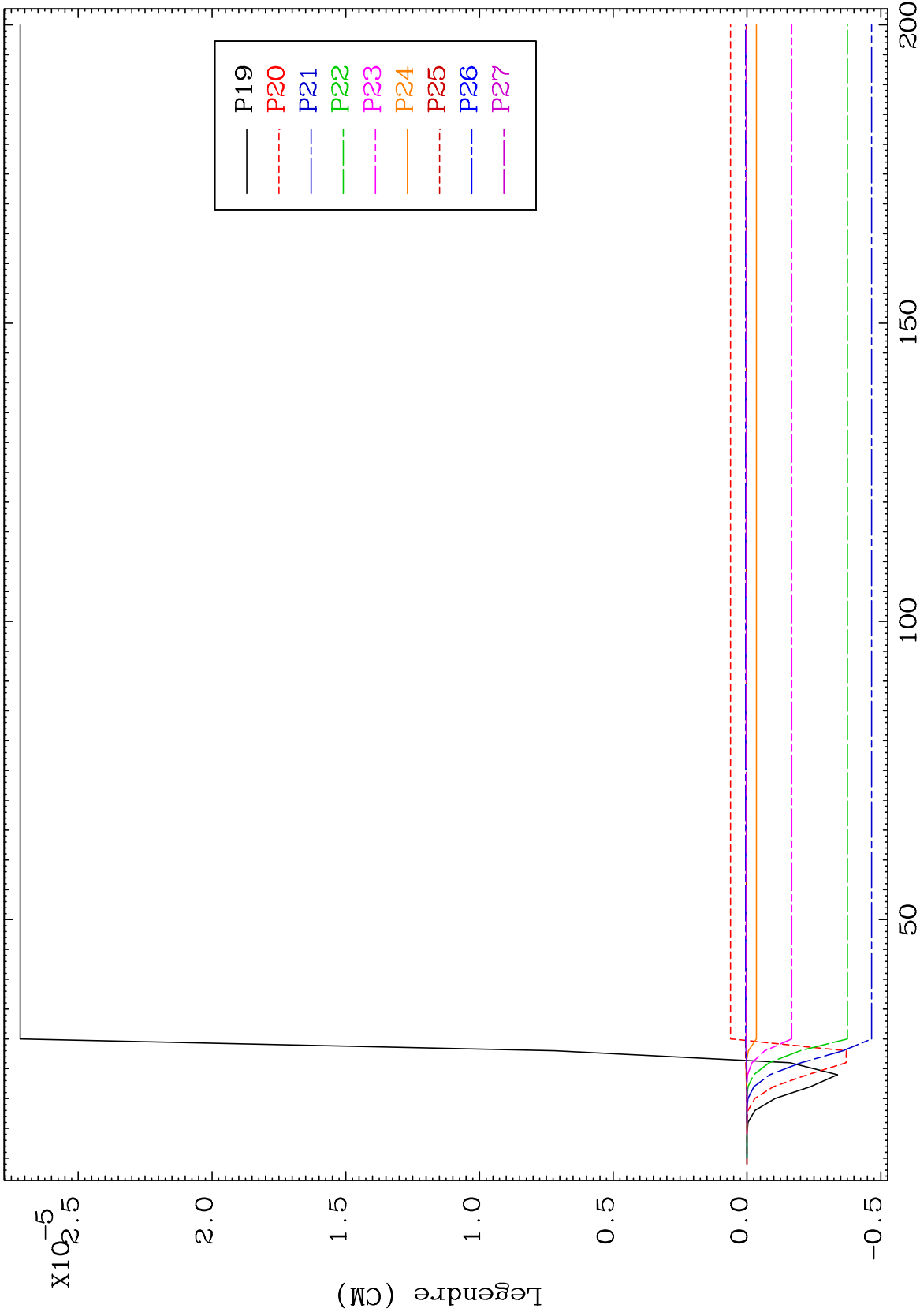
117

54-Xe-134

MAT 5455

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

54-Xe-134



118

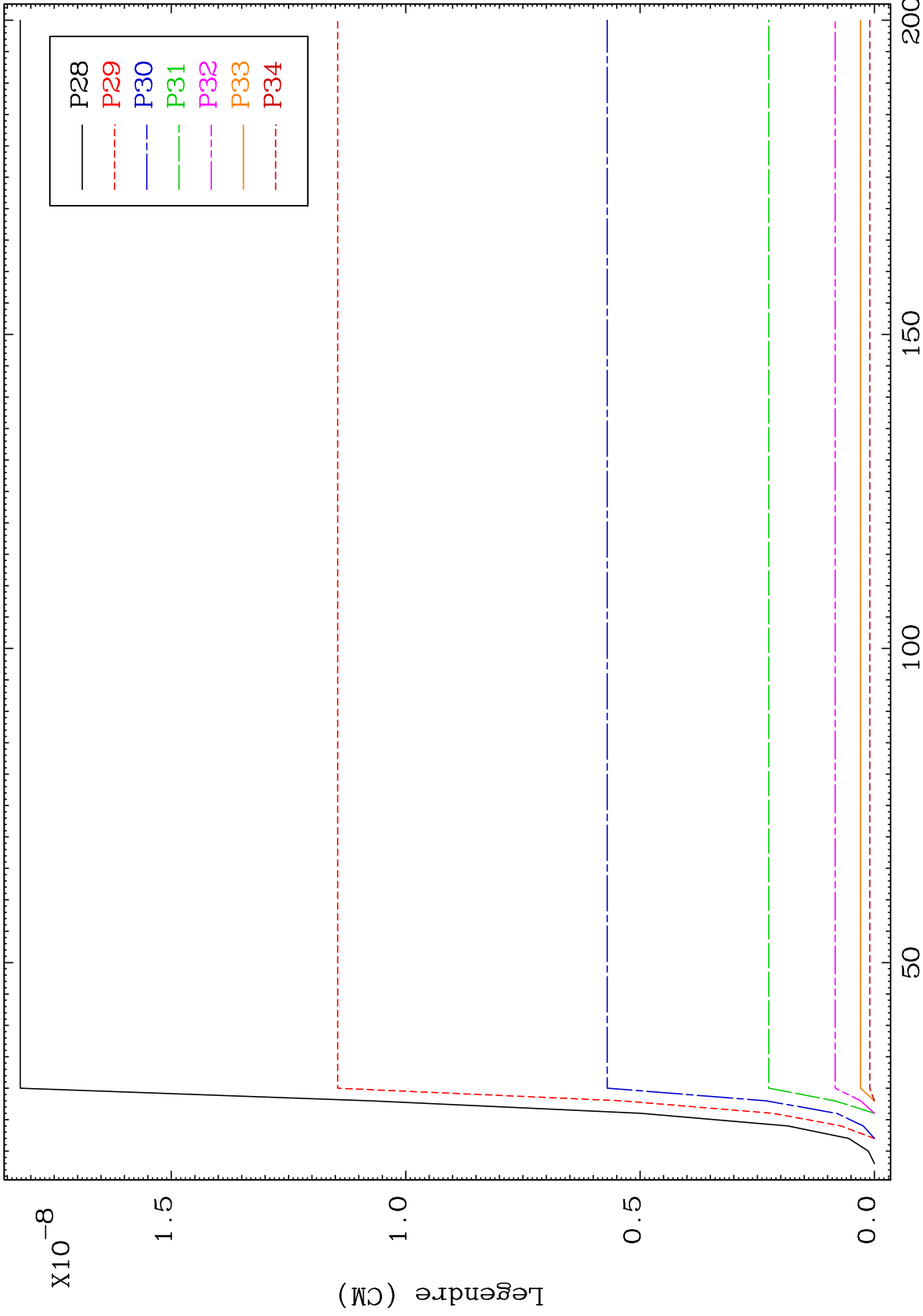
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



119

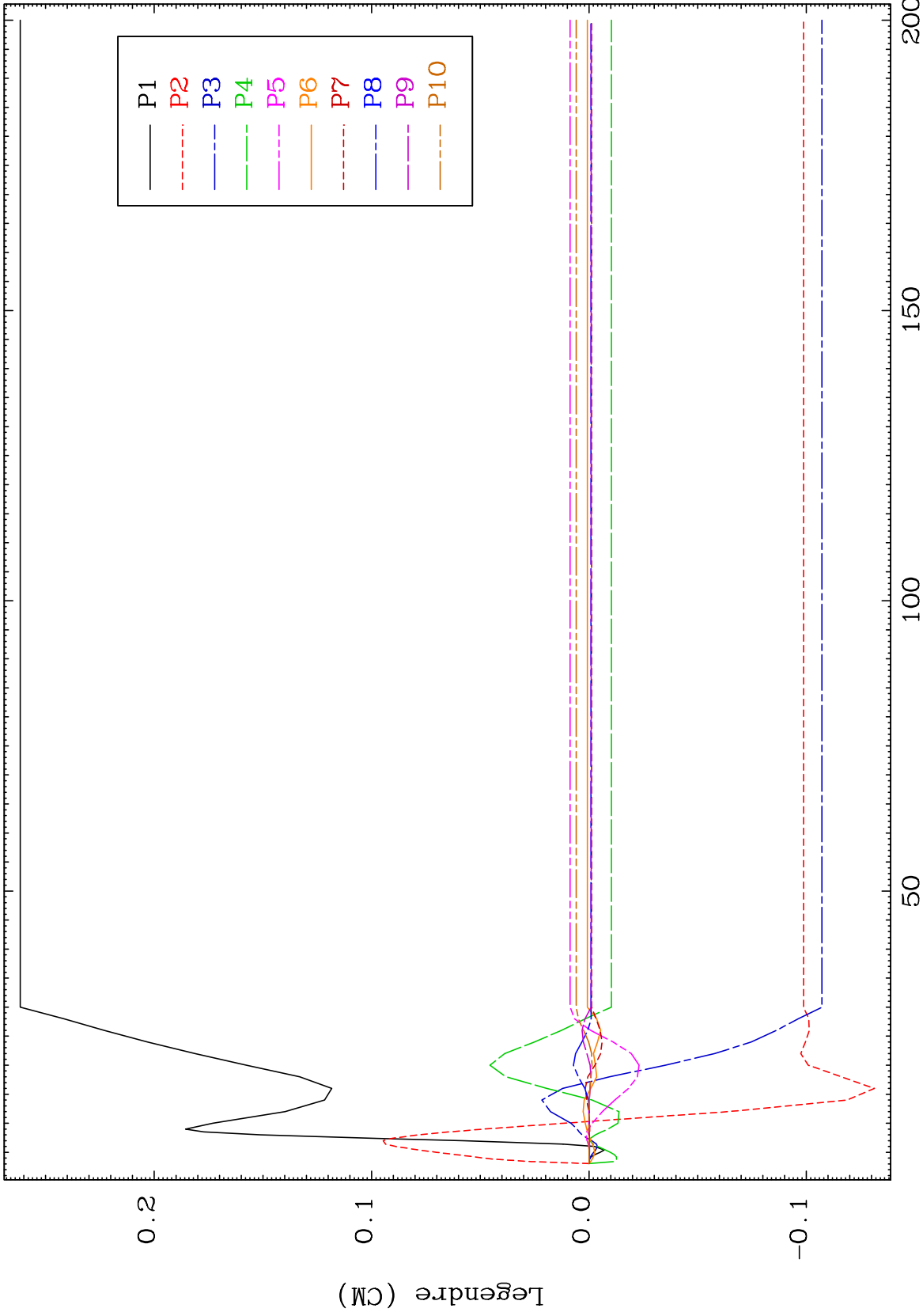
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



120

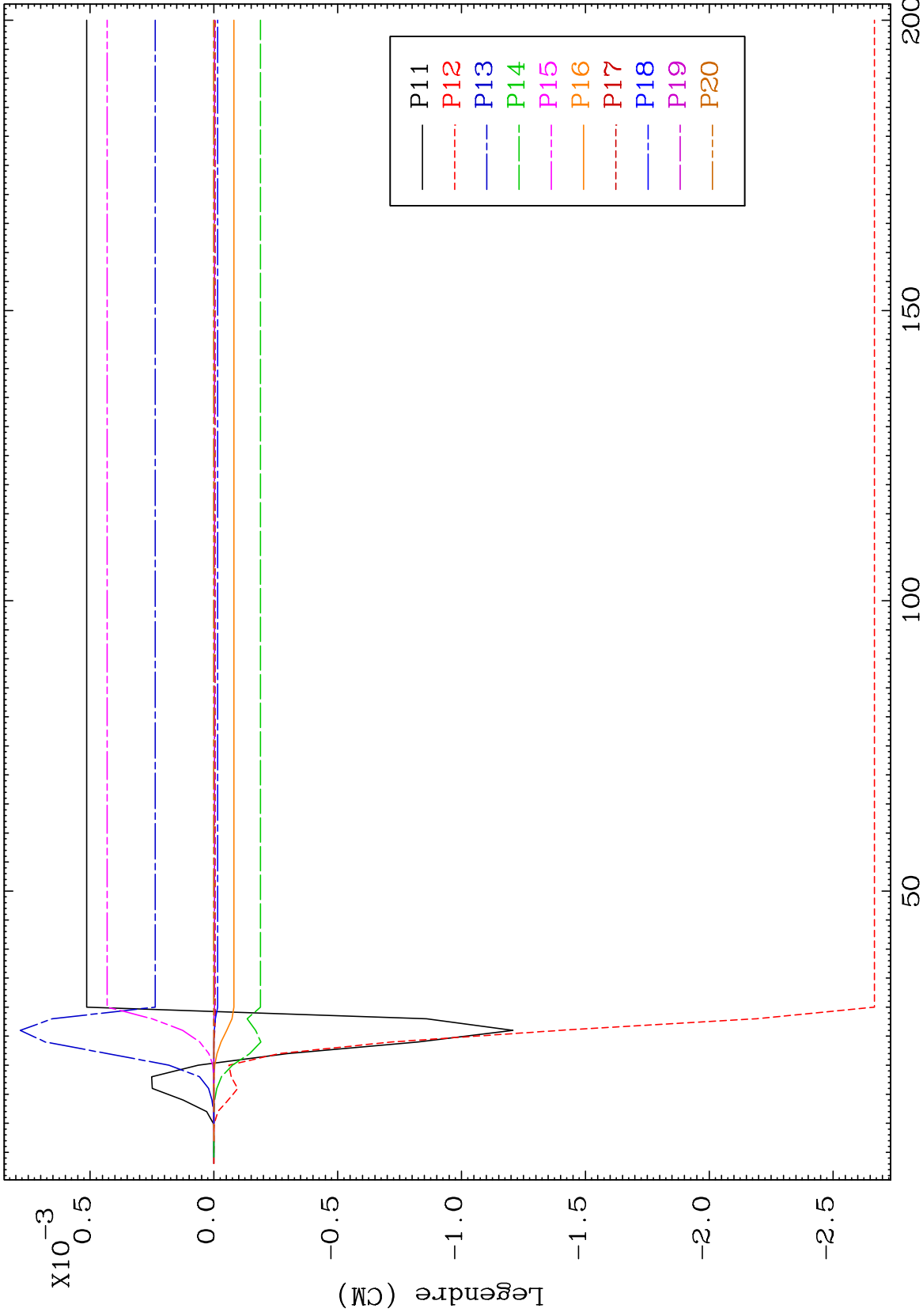
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



121

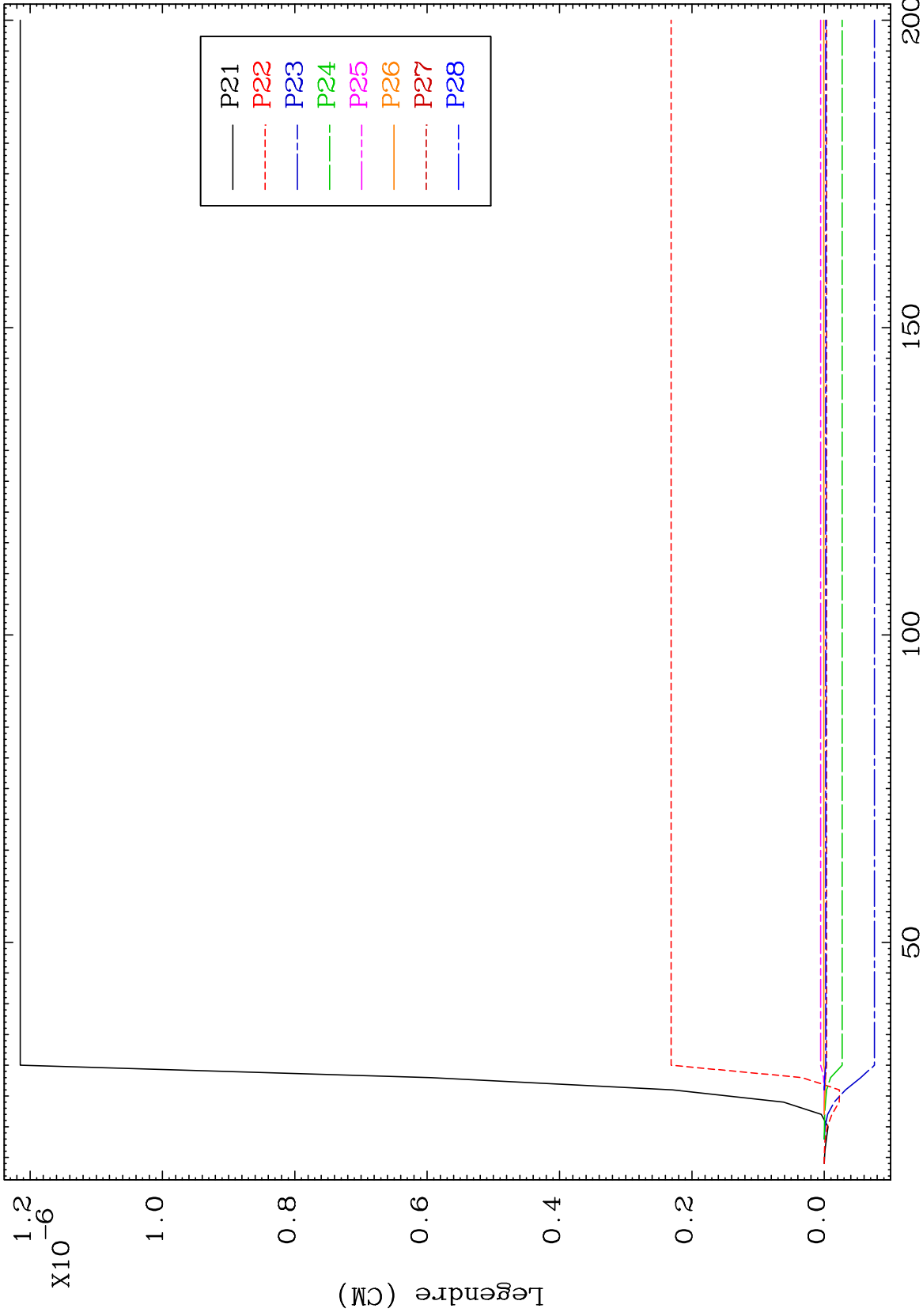
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



122

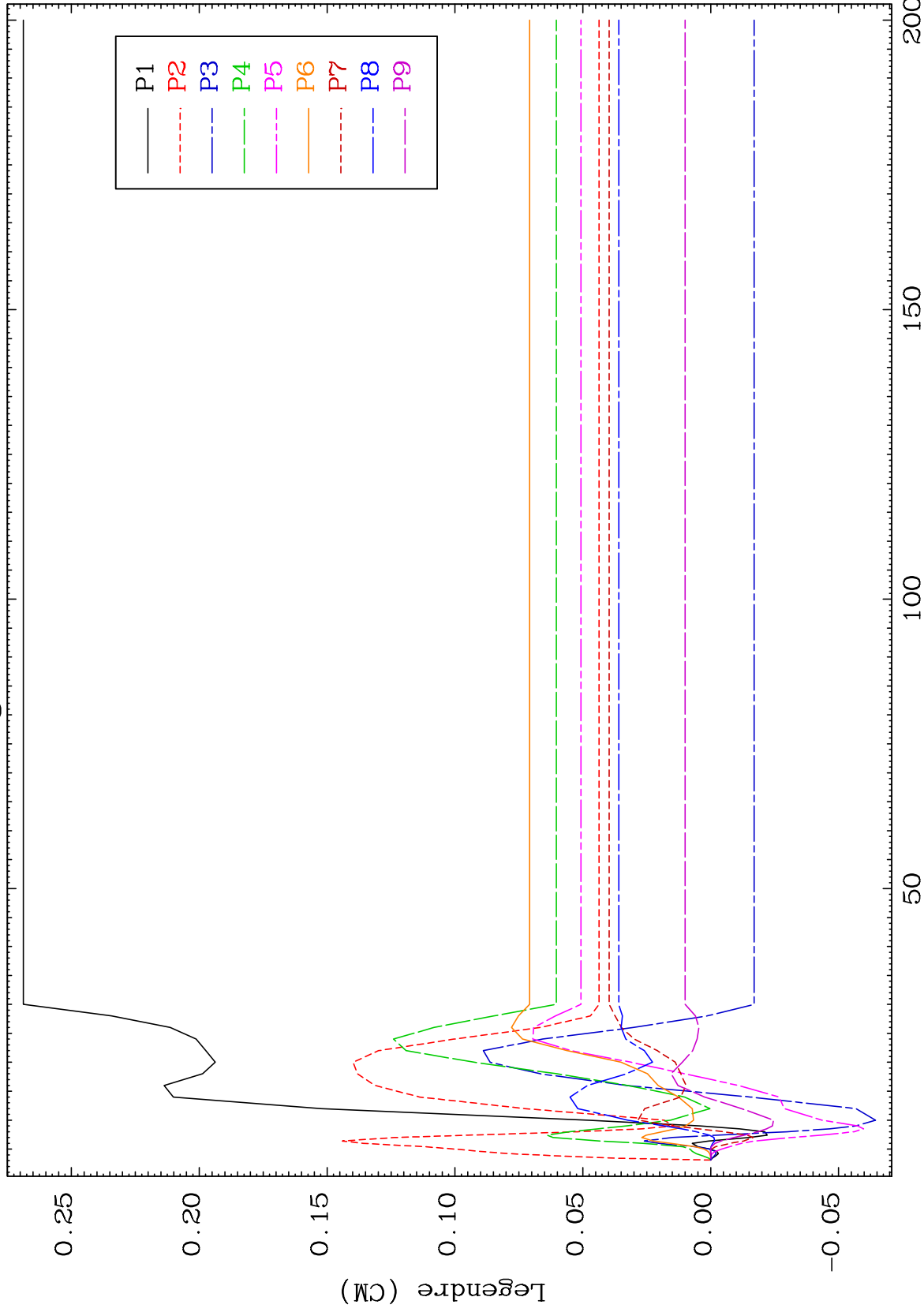
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



123

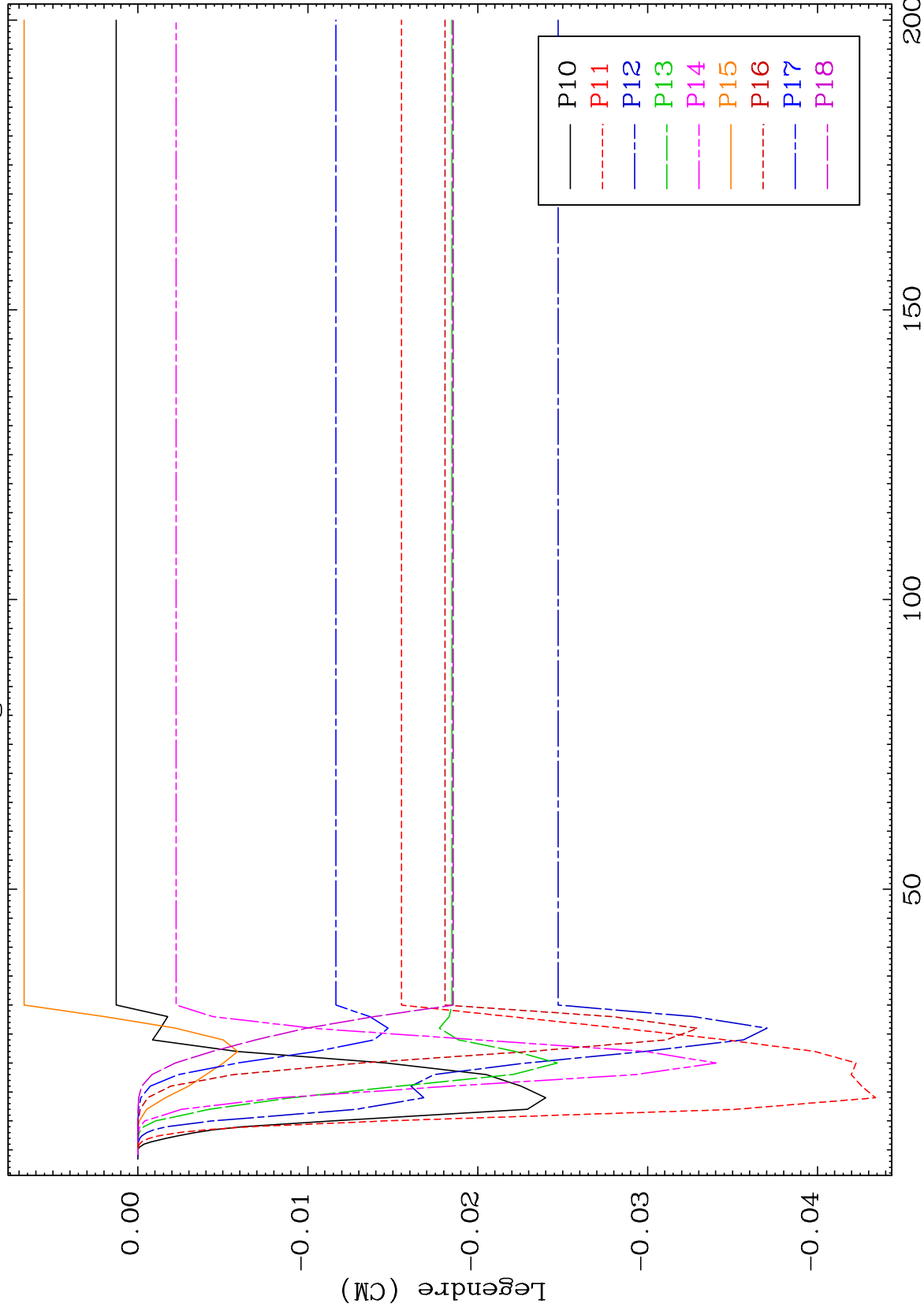
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134

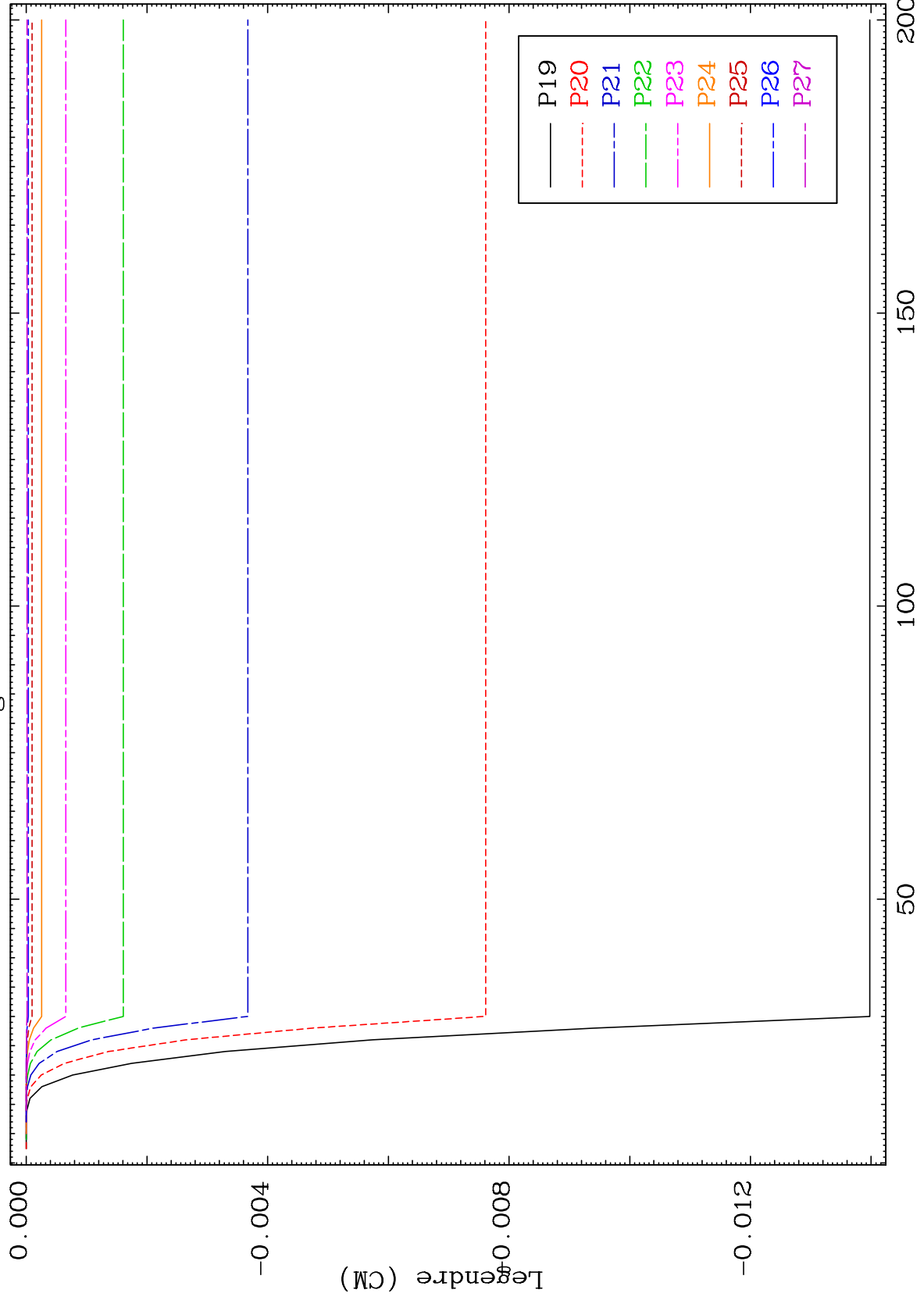


54-Xe-134

Incident Energy (MeV)

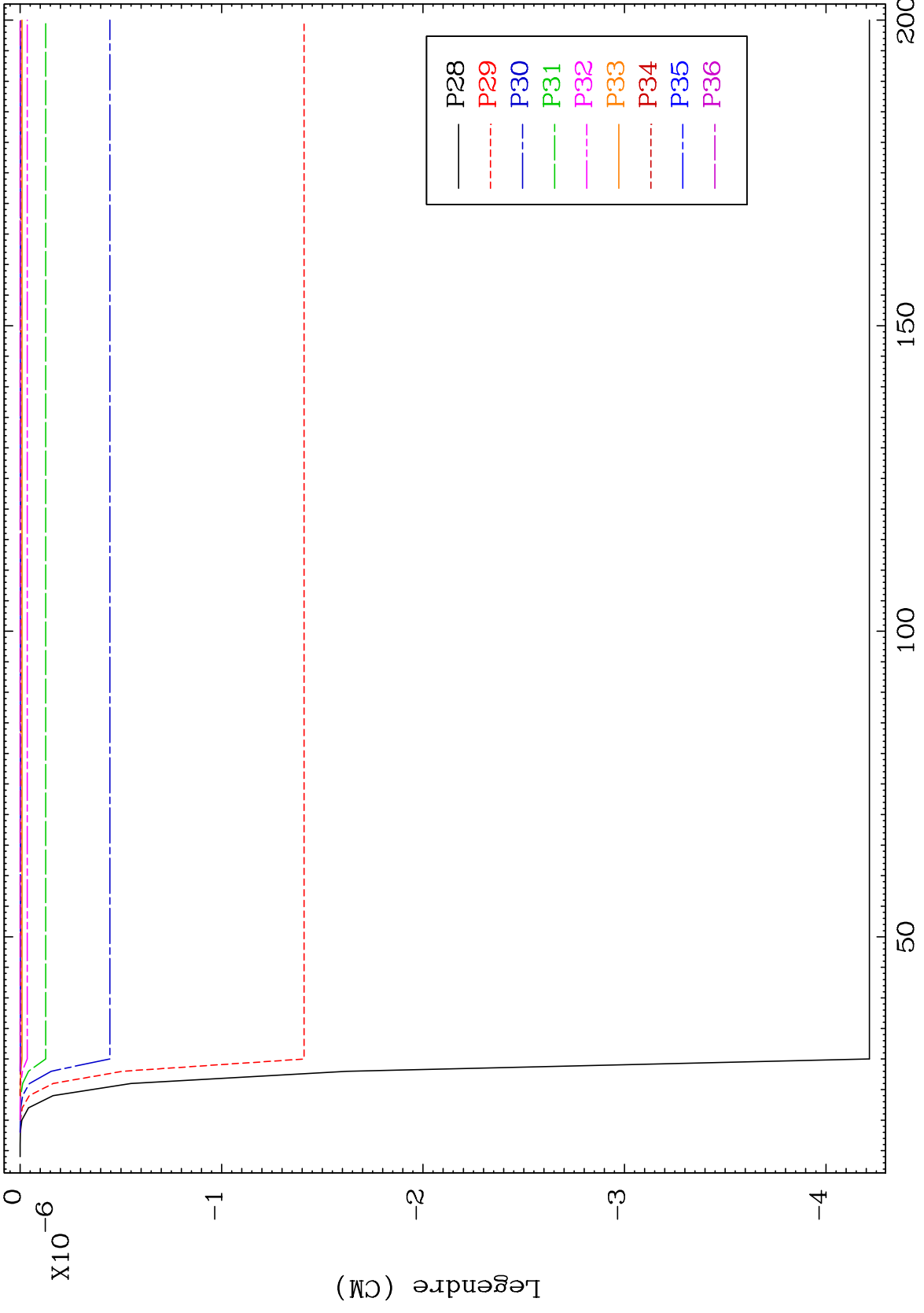
124

MAT 5455 MT= 80 (n,n') Level Legendre Coefficients 54-Xe-134



125 Incident Energy (MeV) 54-Xe-134

MAT 5455 MT= 80 (n,n') Level Legendre Coefficients 54-Xe-134

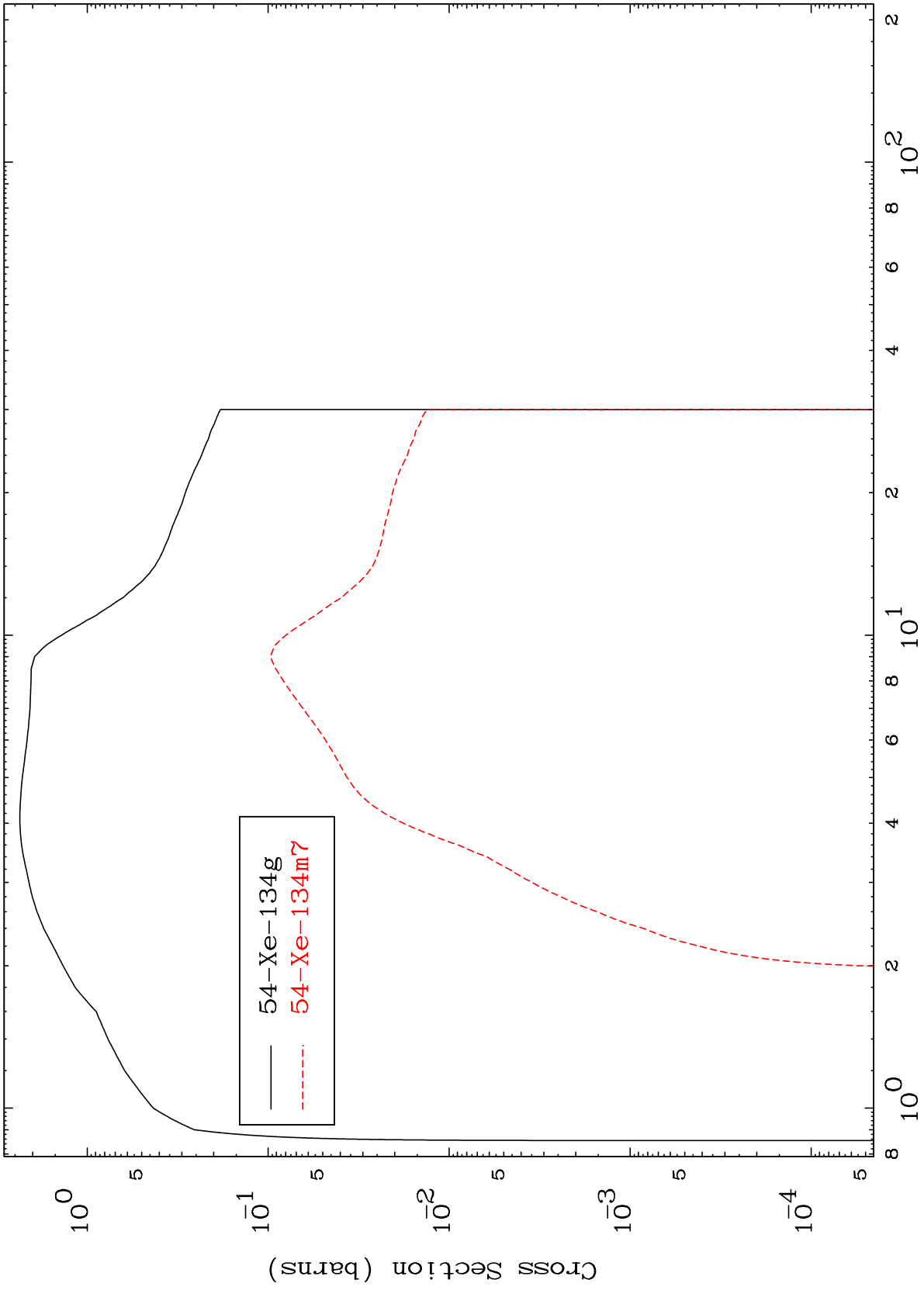


126 54-Xe-134

MAT 5455

Inelastic
Radionuclide Production Cross Section

54-Xe-134



127

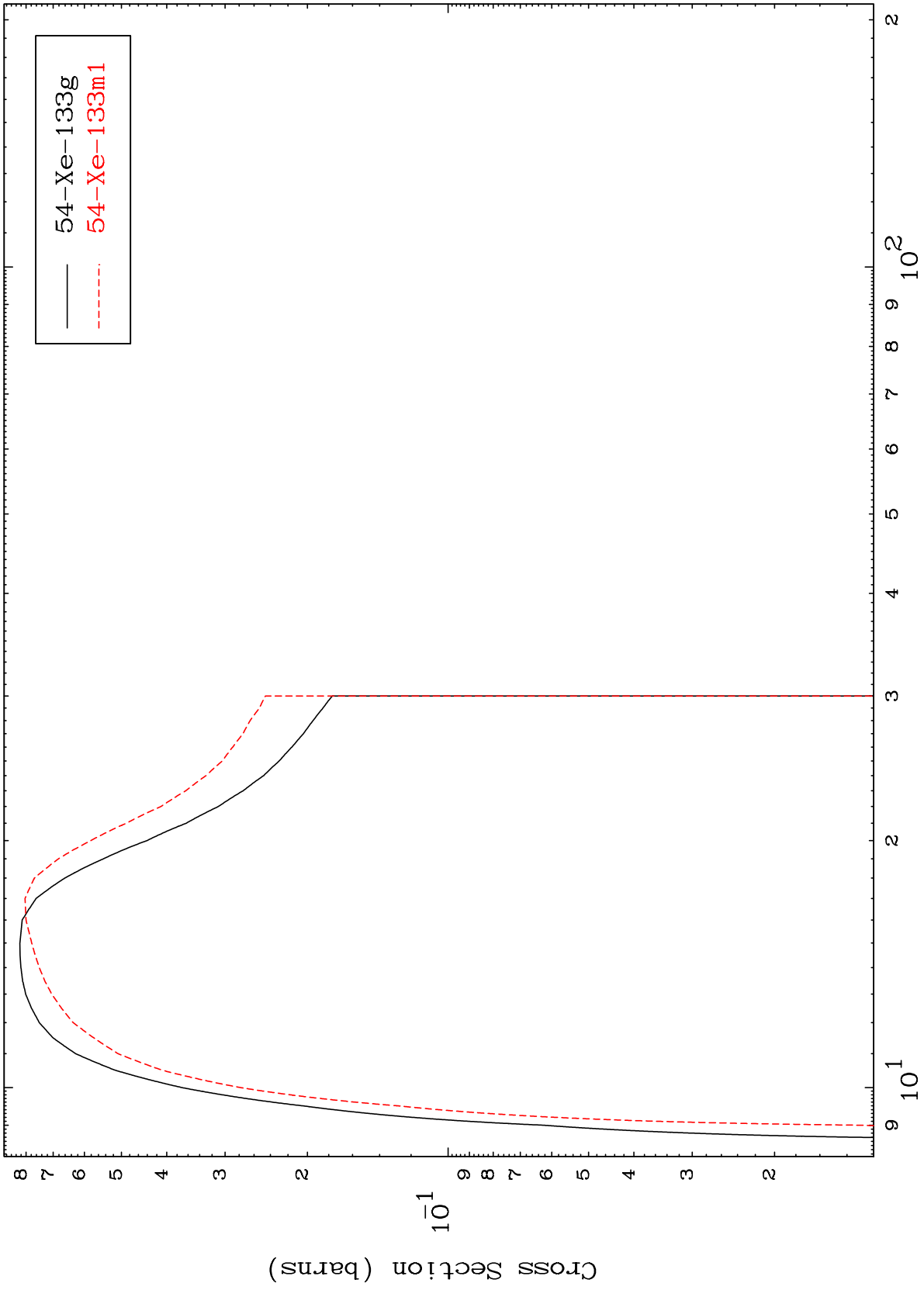
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n,2n)
Radionuclide Production Cross Section



128

Incident Energy (MeV)

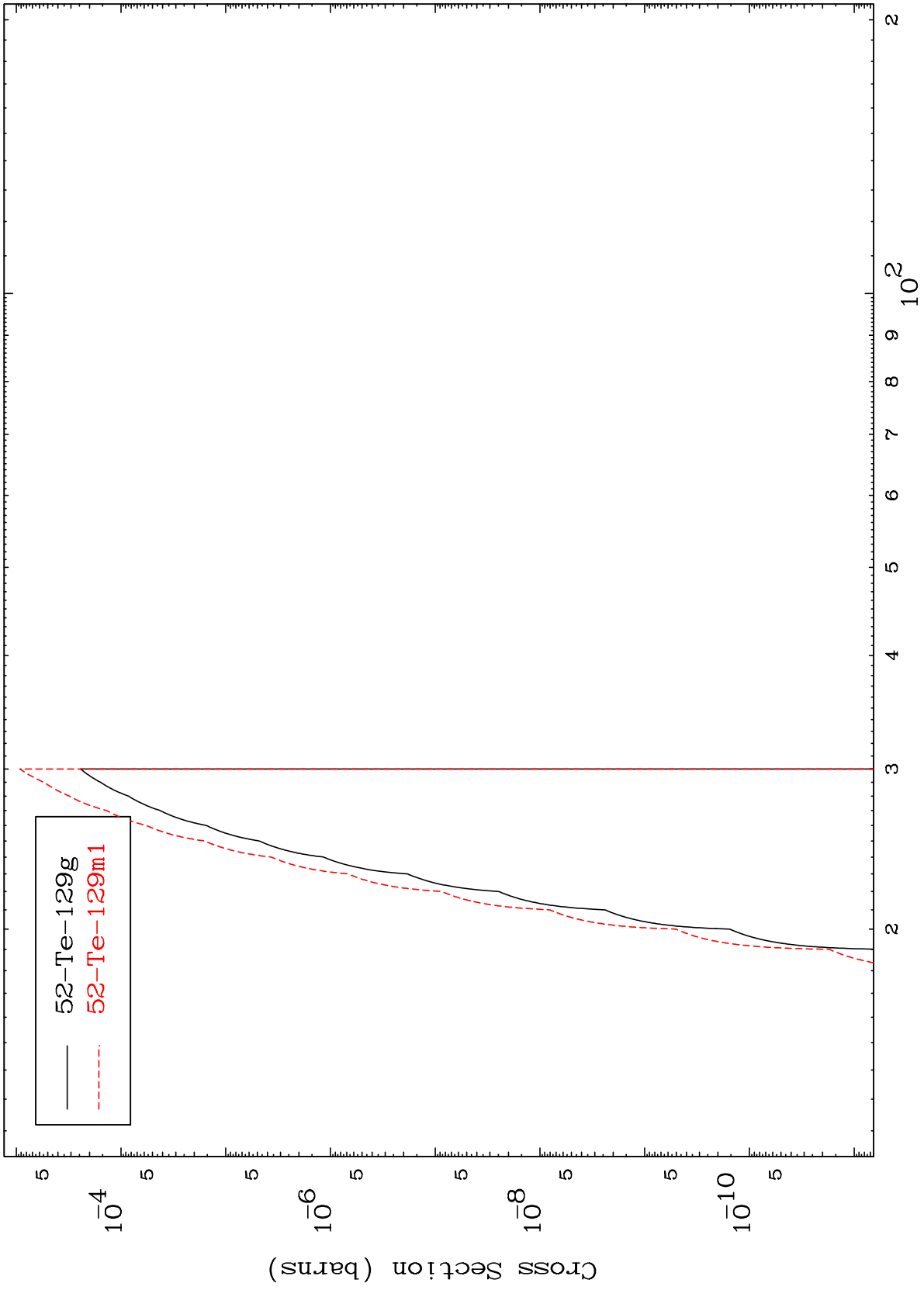
54-Xe-134

MAT 5455

(n,2n) α

54-Xe-134

Radionuclide Production Cross Section



129

Incident Energy (MeV)

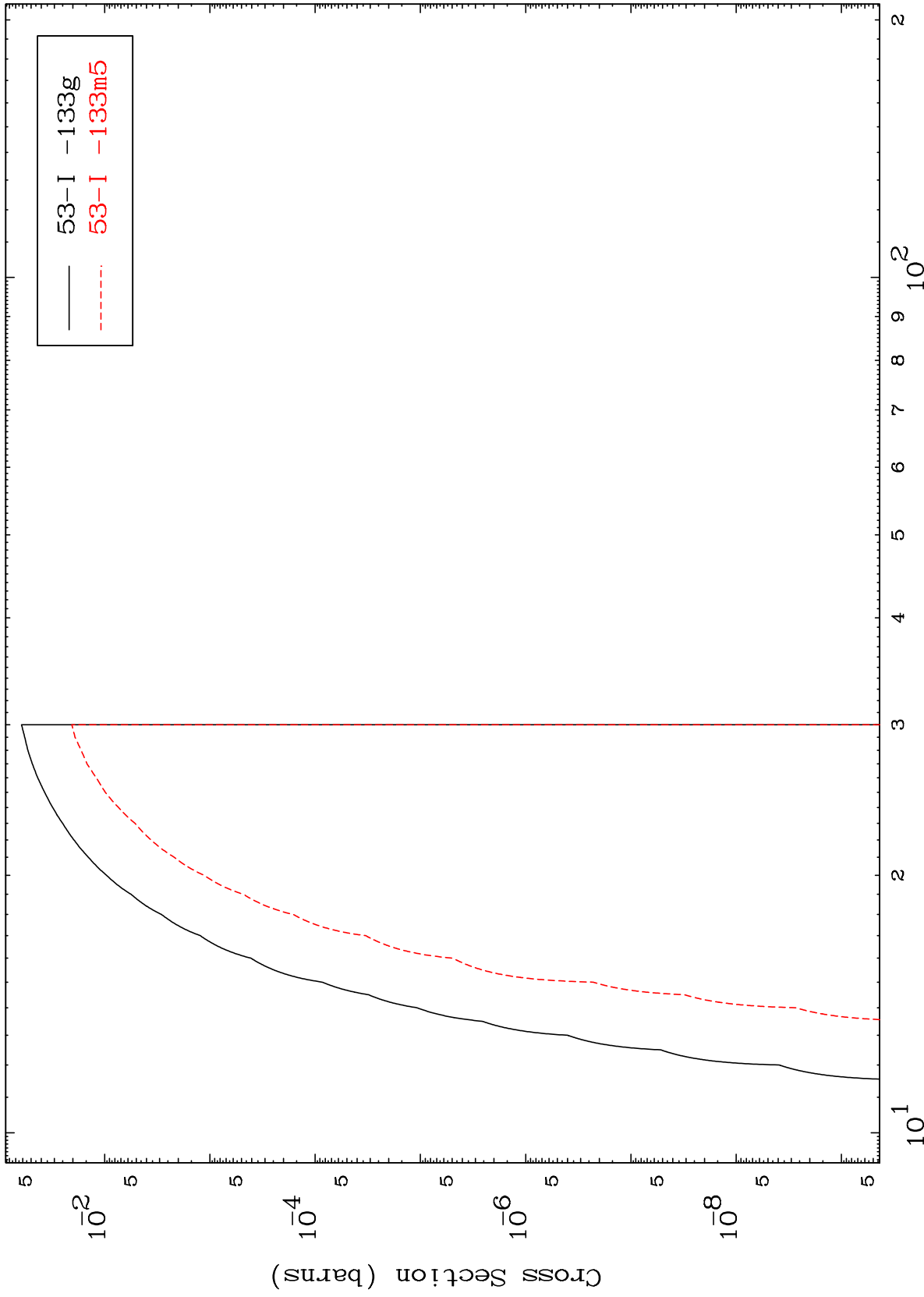
54-Xe-134

MAT 5455

(n,n') p

54-Xe-134

Radionuclide Production Cross Section



130

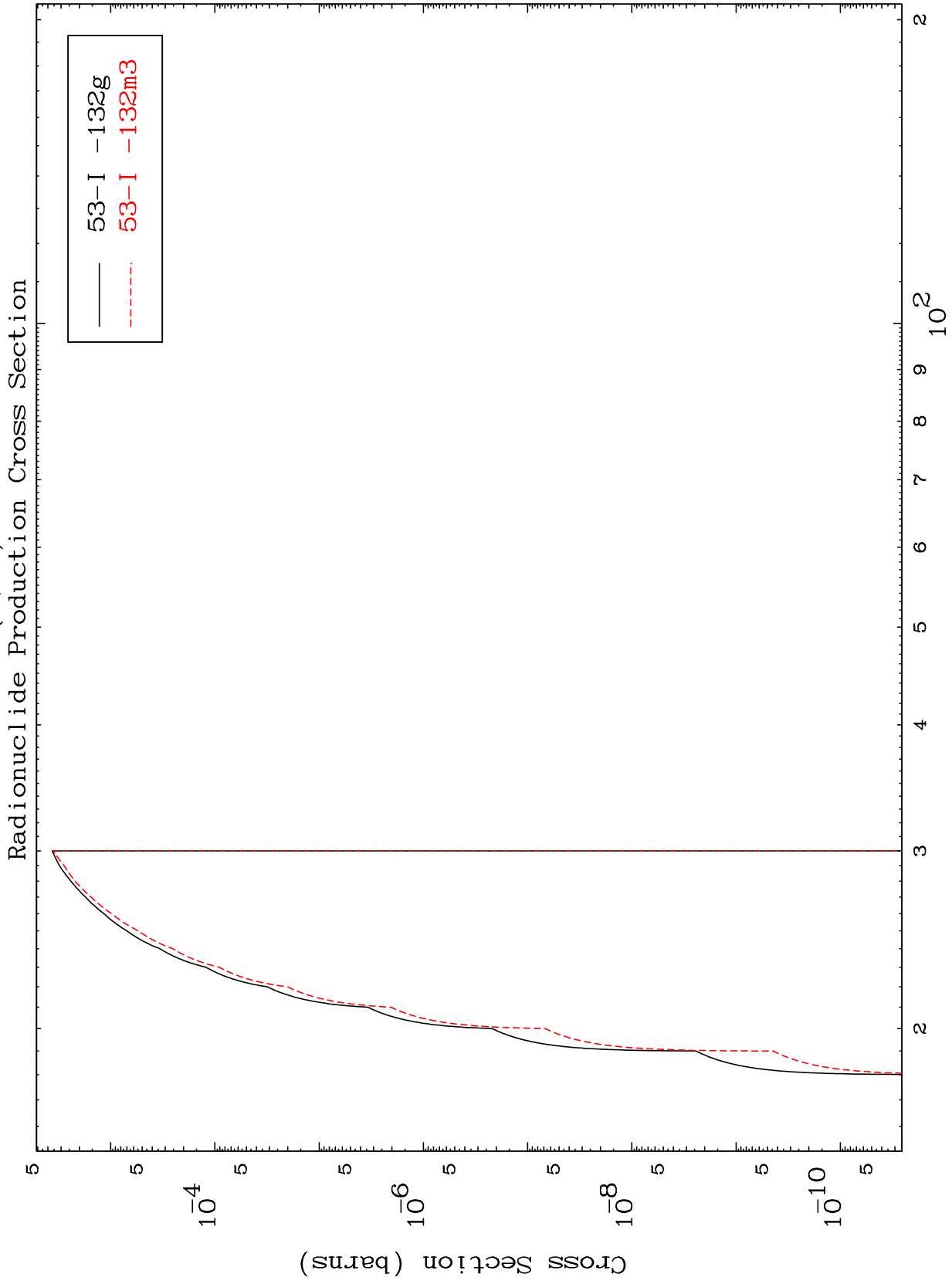
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,n') d

54-Xe-134



131

Incident Energy (MeV)

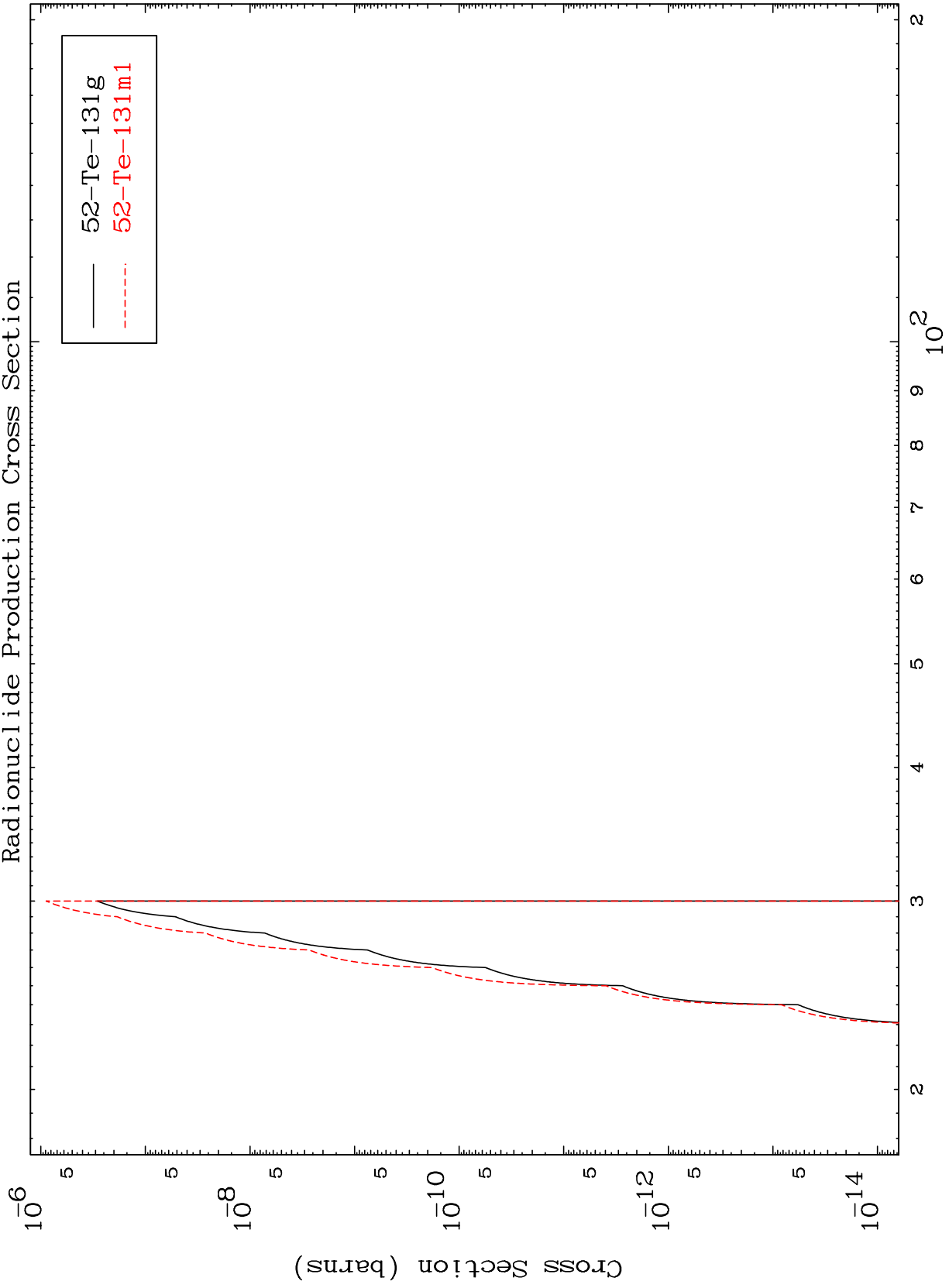
54-Xe-134

MAT 5455

(n, n') He-3

54-Xe-134

Radionuclide Production Cross Section



132

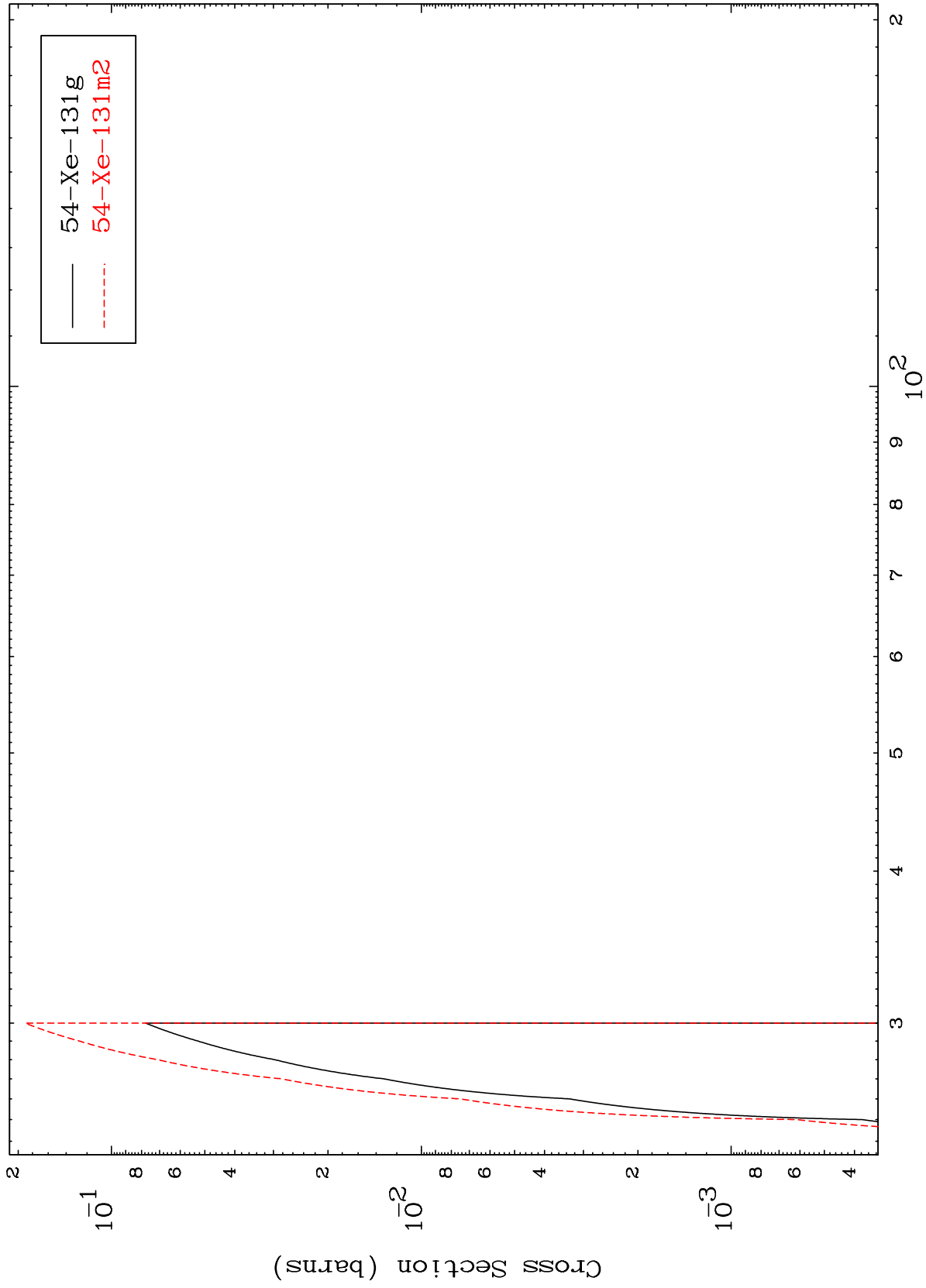
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n,4n)
Radionuclide Production Cross Section



133

Incident Energy (MeV)

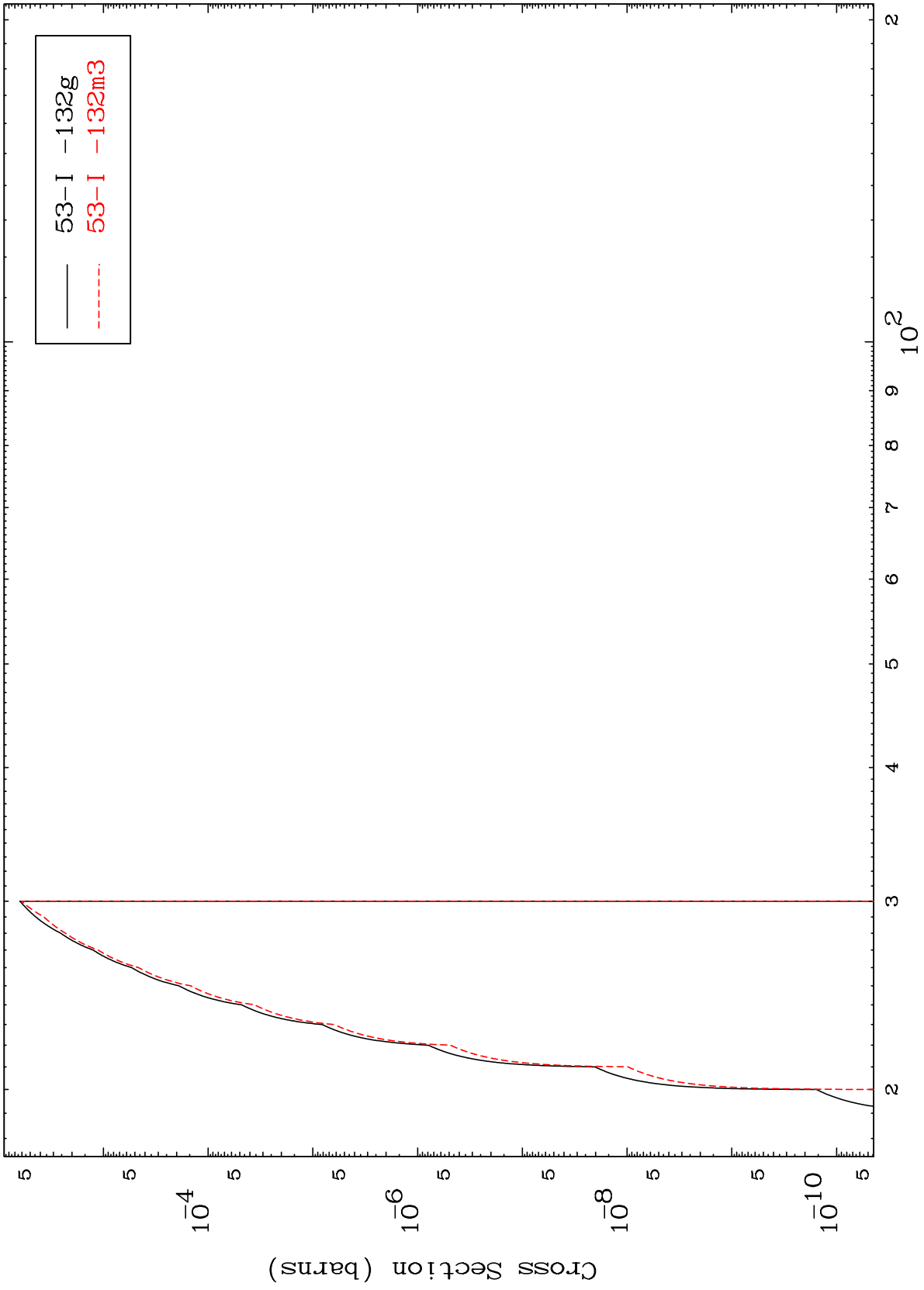
54-Xe-134

MAT 5455

(n,2n) p

54-Xe-134

Radionuclide Production Cross Section



134

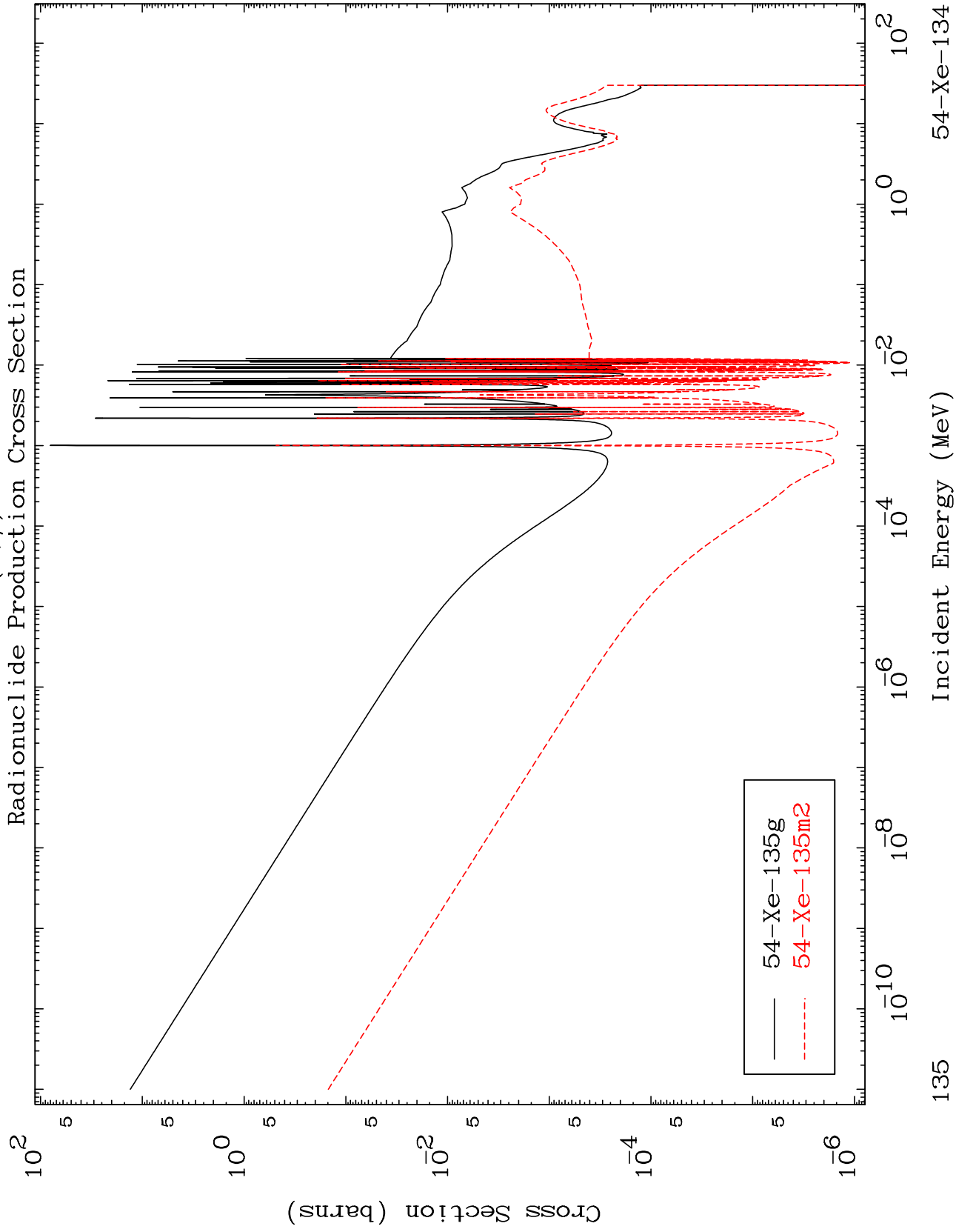
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,γ)

54-Xe-134

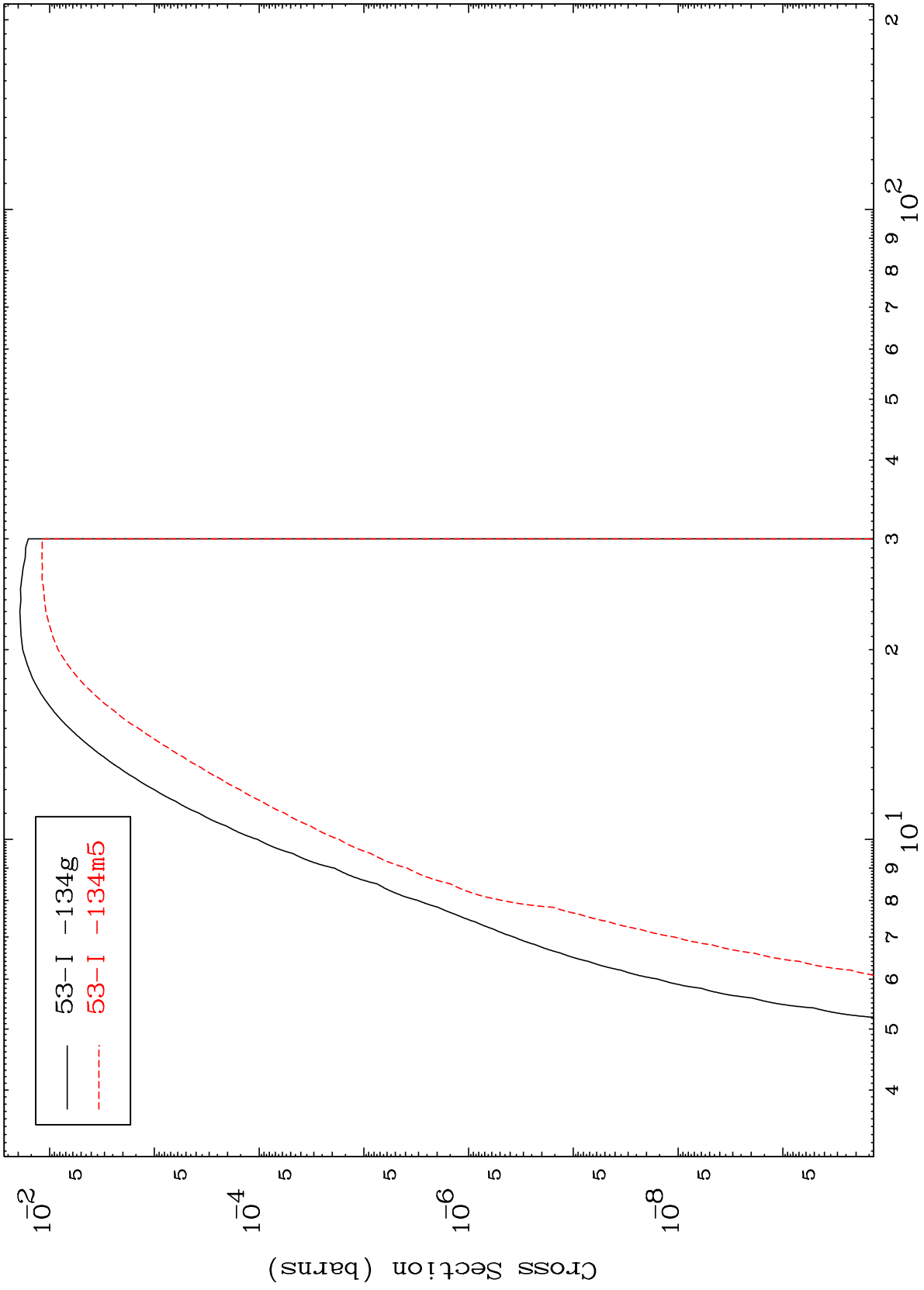


135

MAT 5455

54-Xe-134

(n,p)
Radionuclide Production Cross Section



136

54-Xe-134

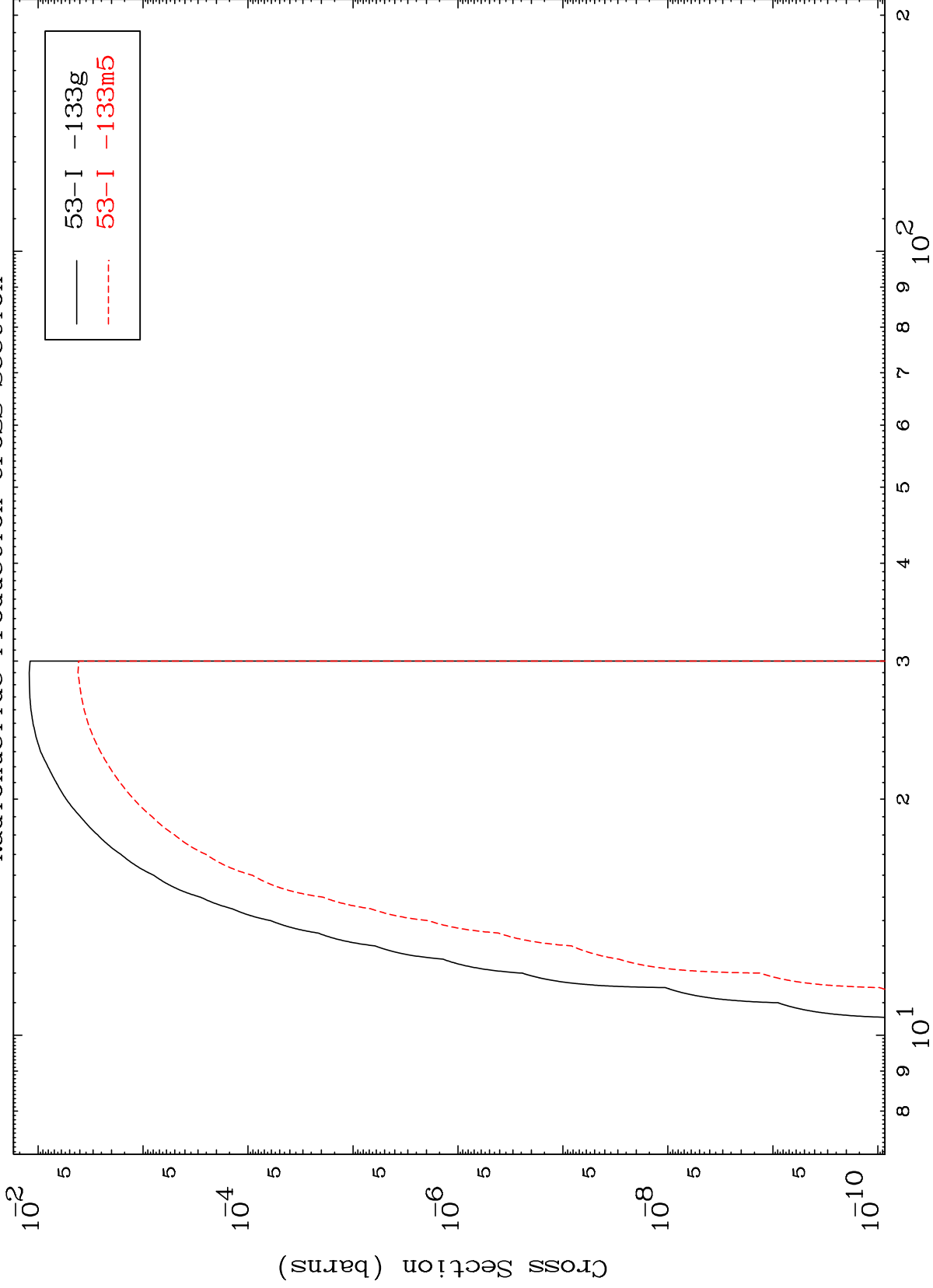
Incident Energy (MeV)

MAT 5455

(n,d)

54-Xe-134

Radionuclide Production Cross Section



137

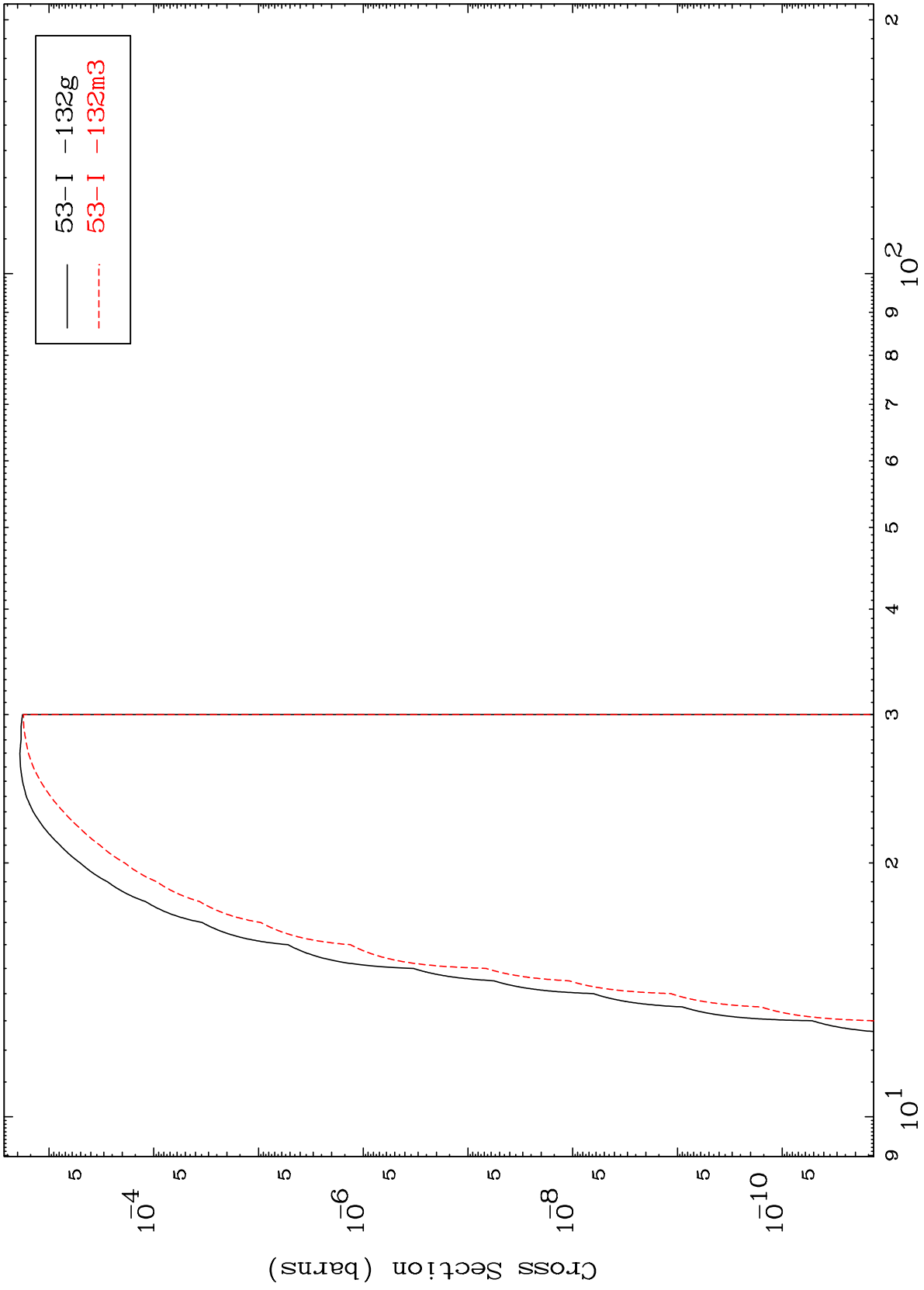
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n, t)
Radionuclide Production Cross Section



53-I -132g
53-I -132m3

138

Incident Energy (MeV)

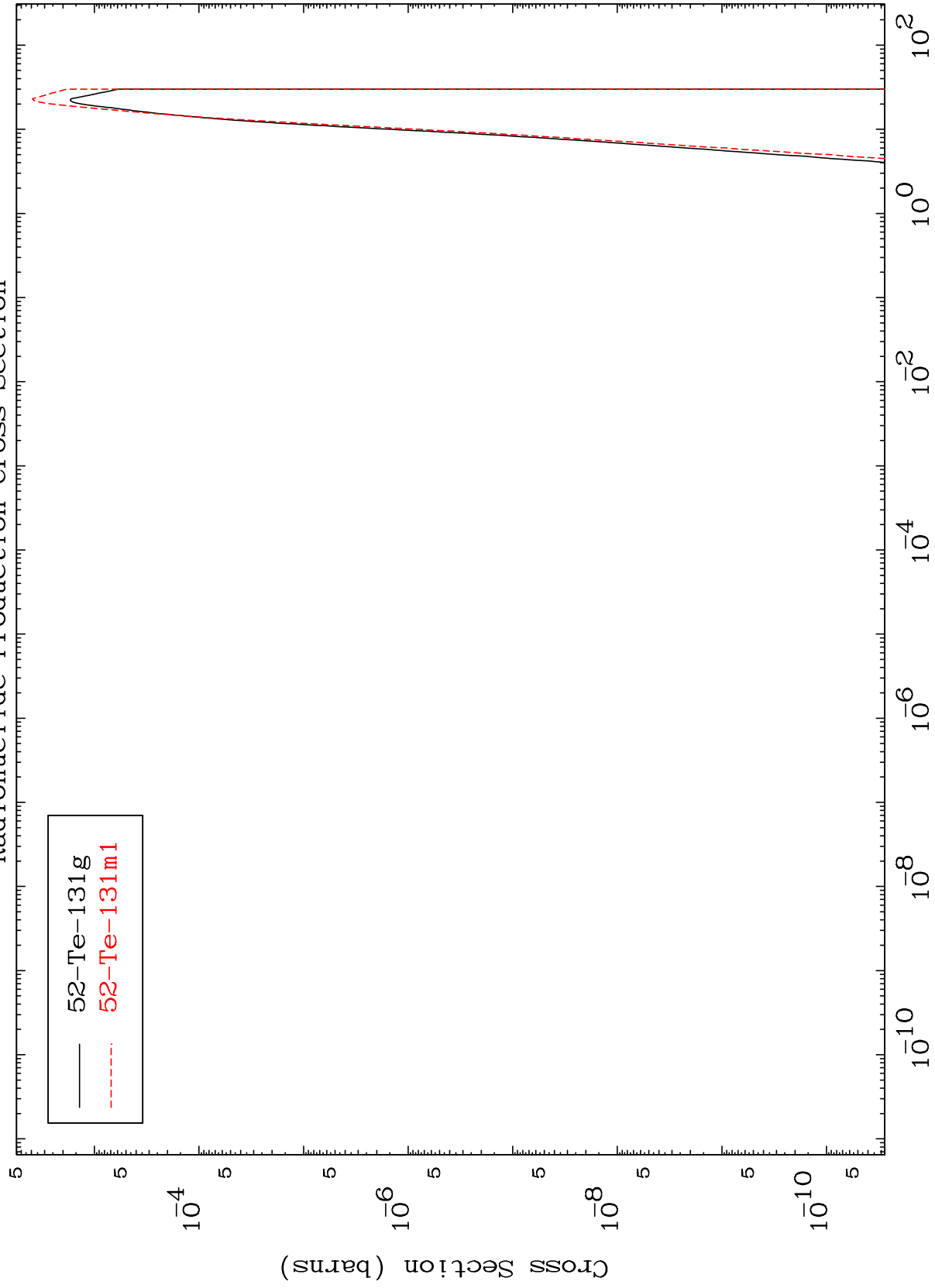
54-Xe-134

MAT 5455

(n, α)

54-Xe-134

Radionuclide Production Cross Section



139

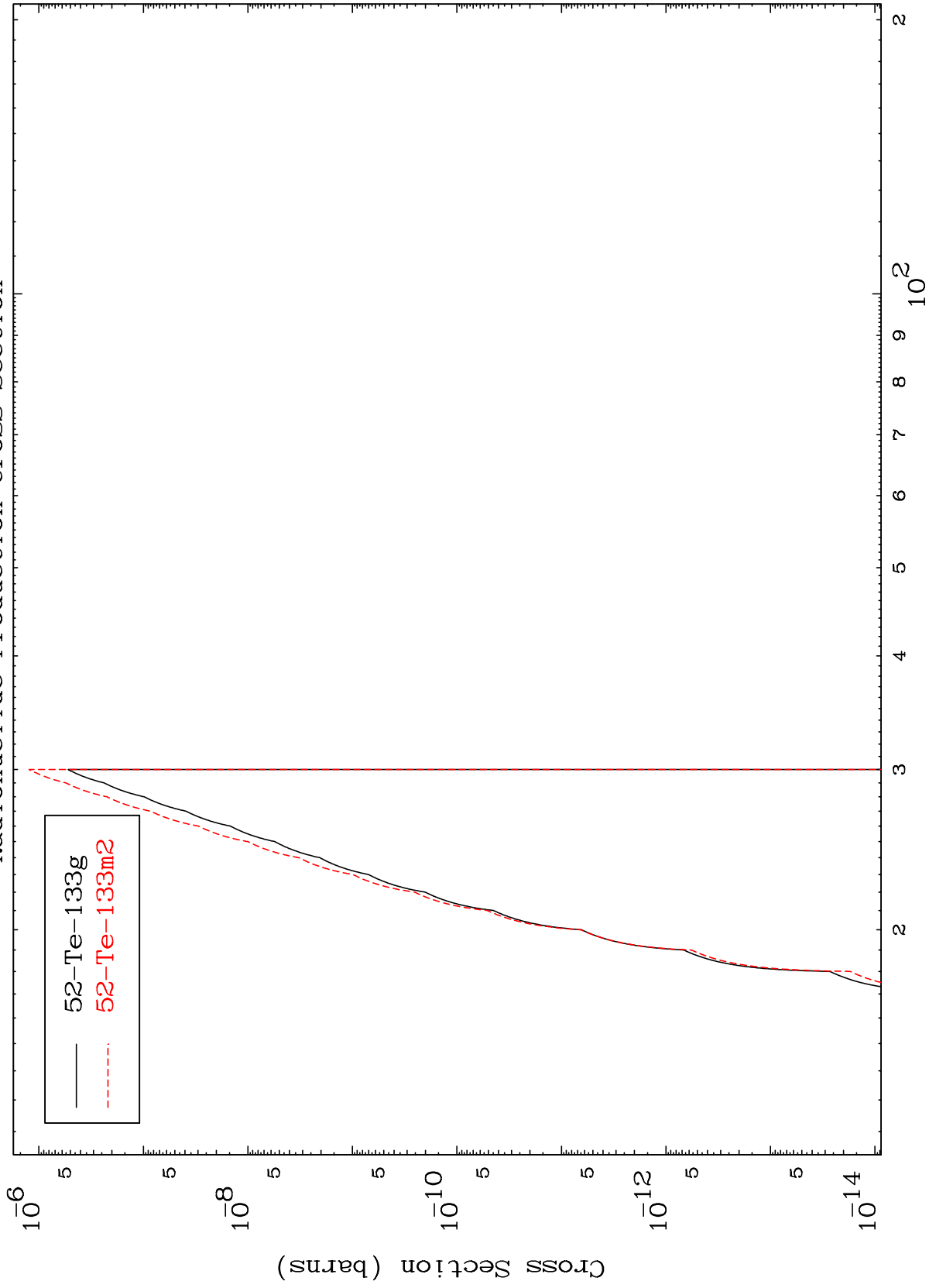
Incident Energy (MeV)

54-Xe-134

MAT 5455

Radionuclide Production Cross Section
(n,2p)

54-Xe-134



140

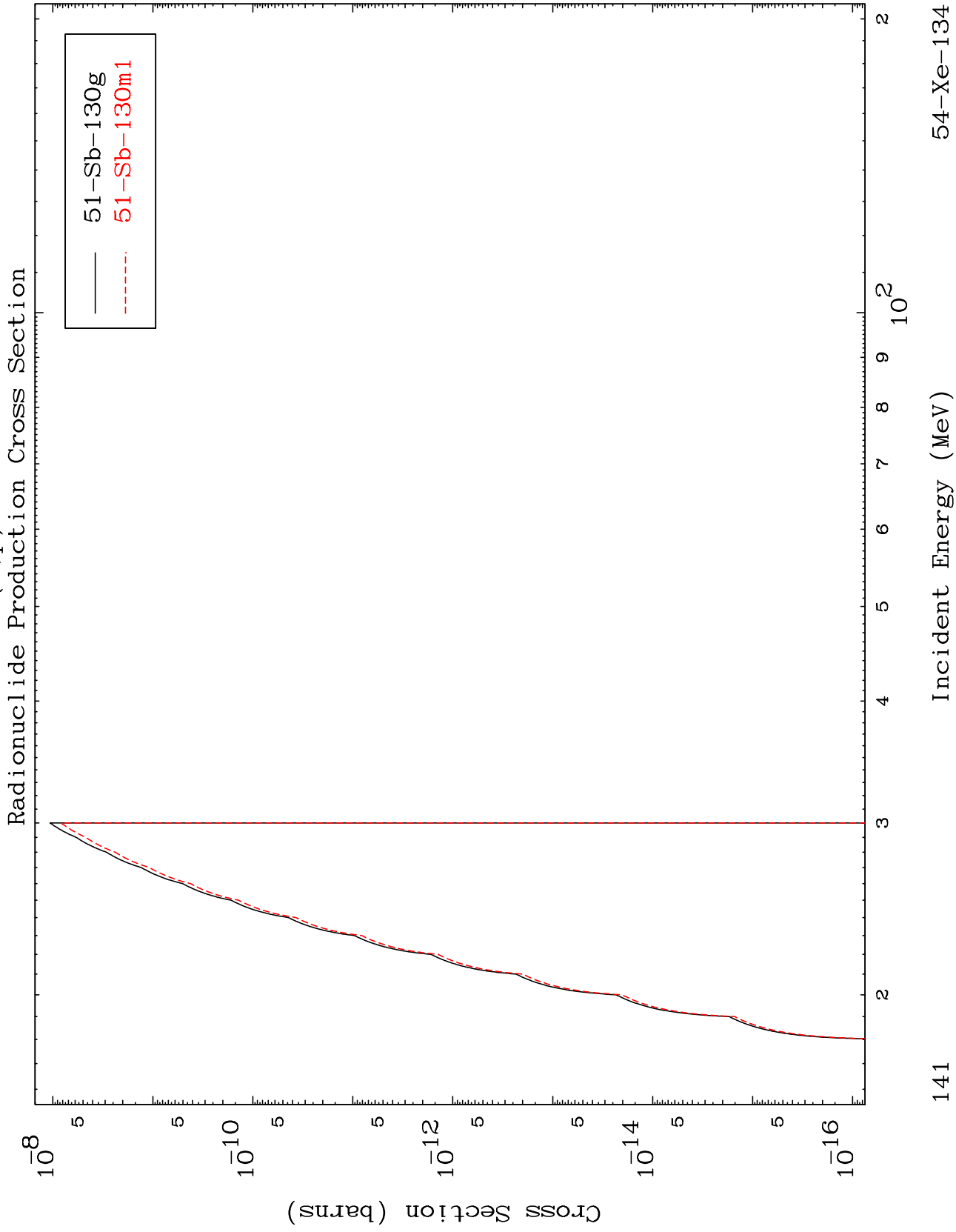
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,p) α

54-Xe-134



141

Incident Energy (MeV)

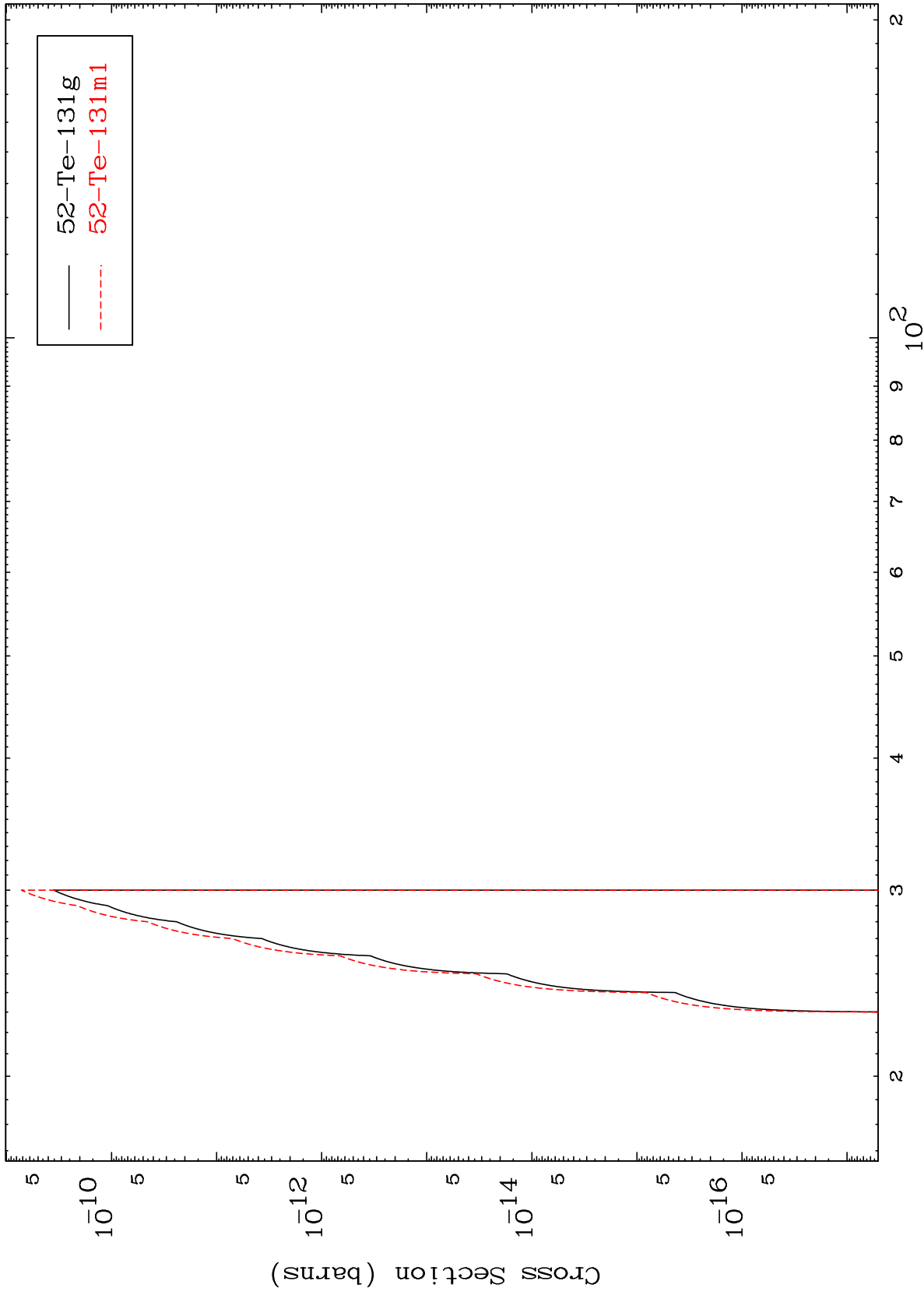
54-Xe-134

MAT 5455

(n,p) t

54-Xe-134

Radionuclide Production Cross Section



142

Incident Energy (MeV)

54-Xe-134