

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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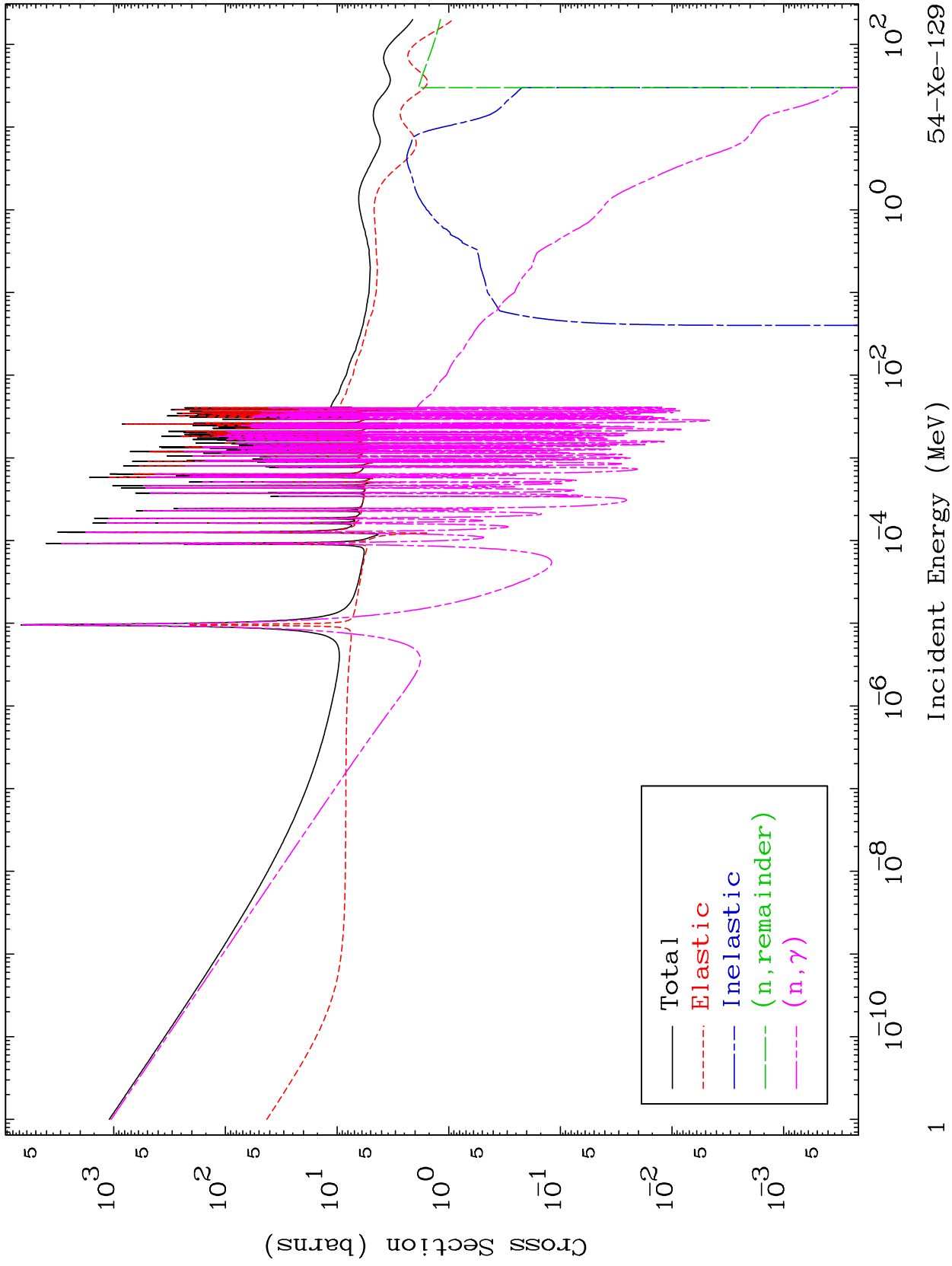
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5440

Major
293 Kelvin Cross Sections

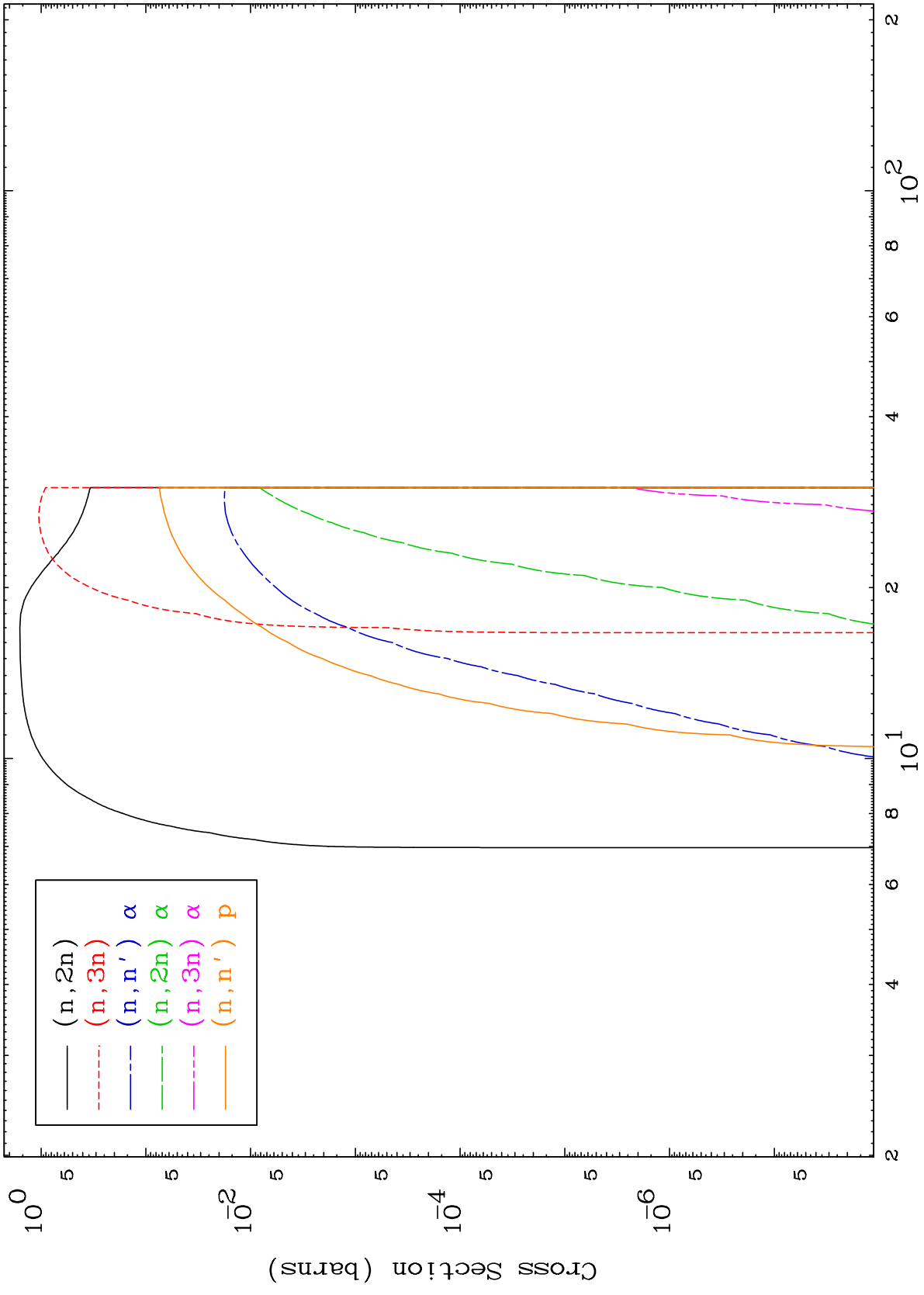
54-Xe-129



MAT 5440

Neutron Production
293 Kelvin Cross Sections

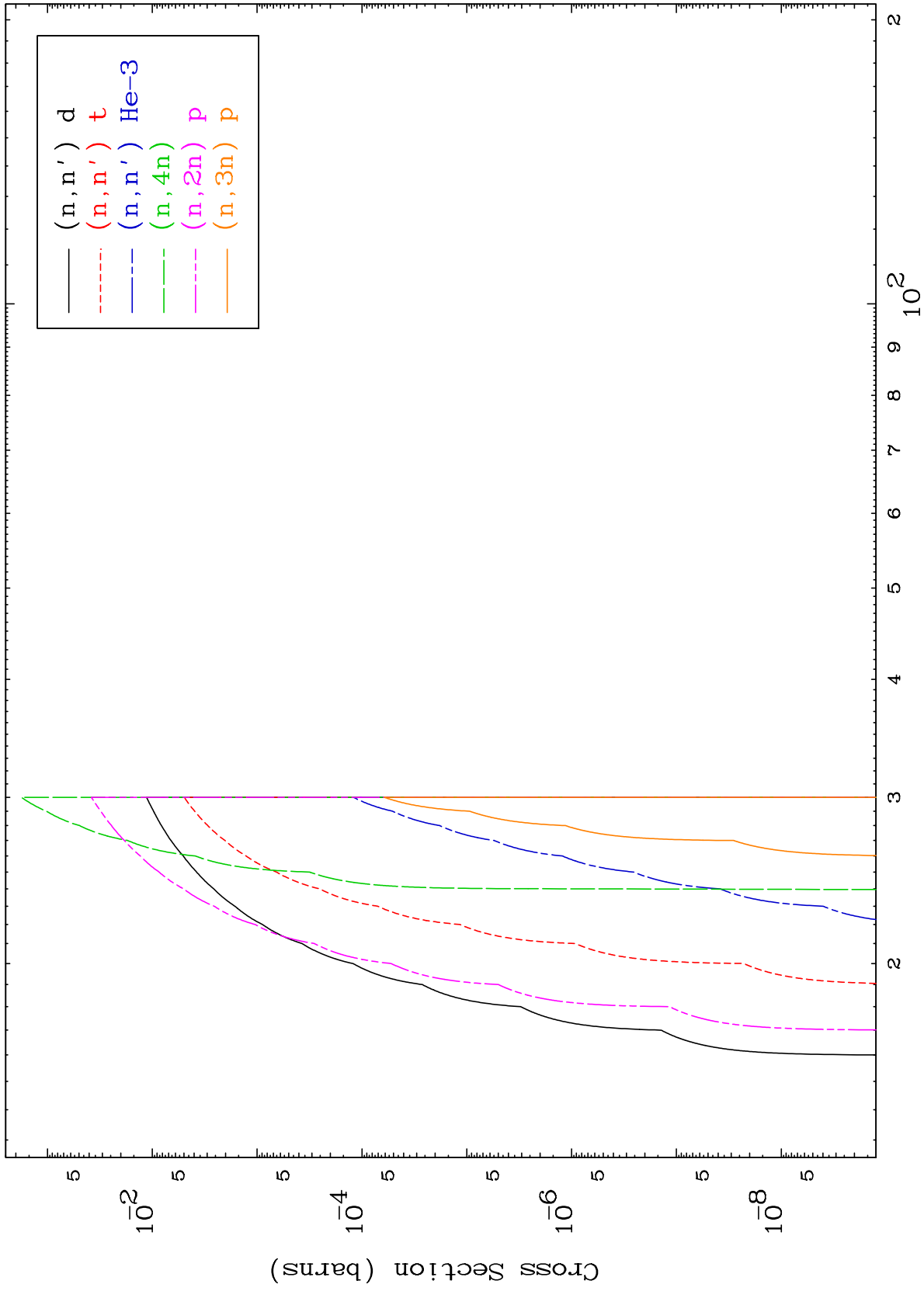
54-Xe-129

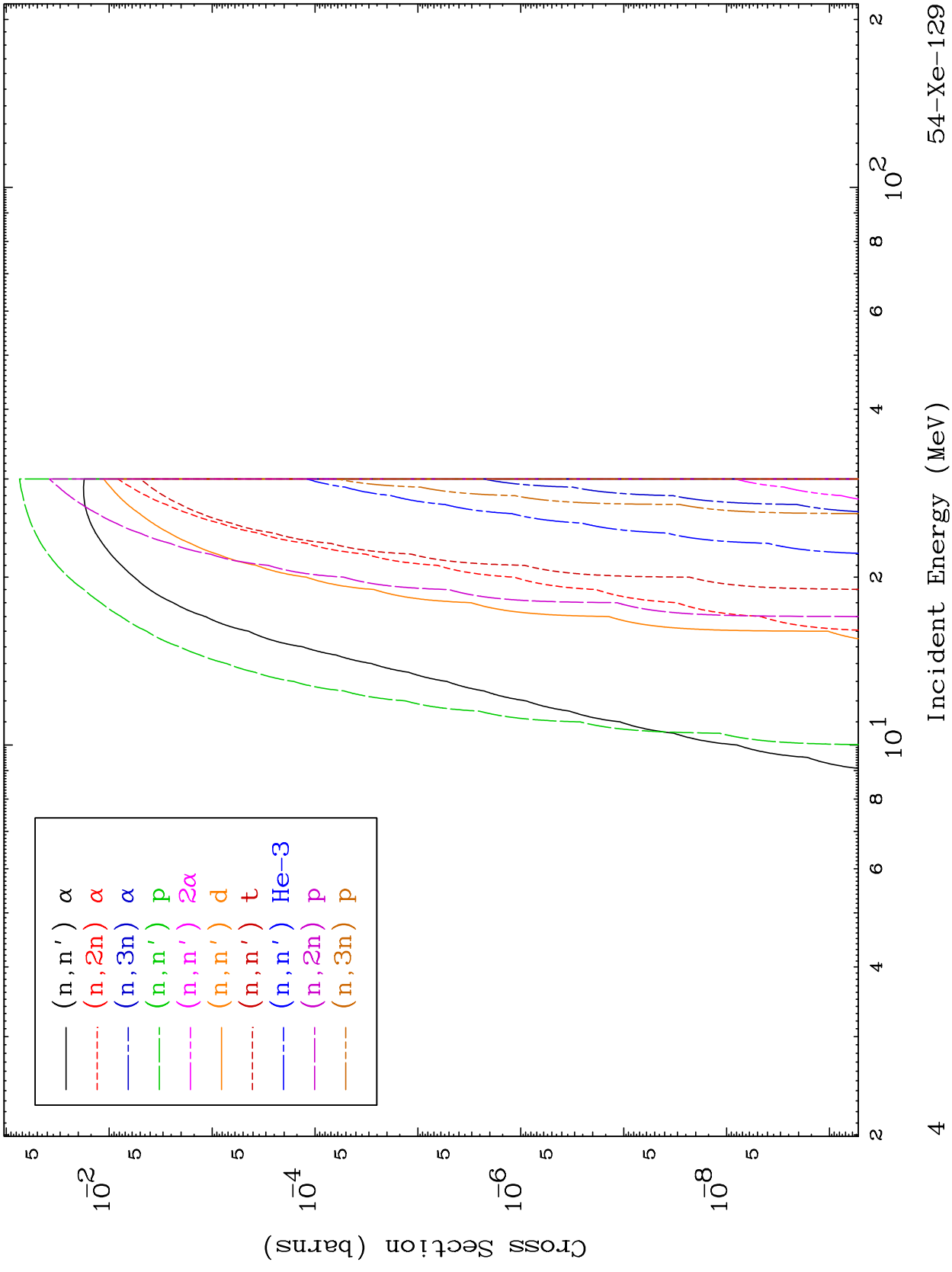


2

Incident Energy (MeV)

54-Xe-129

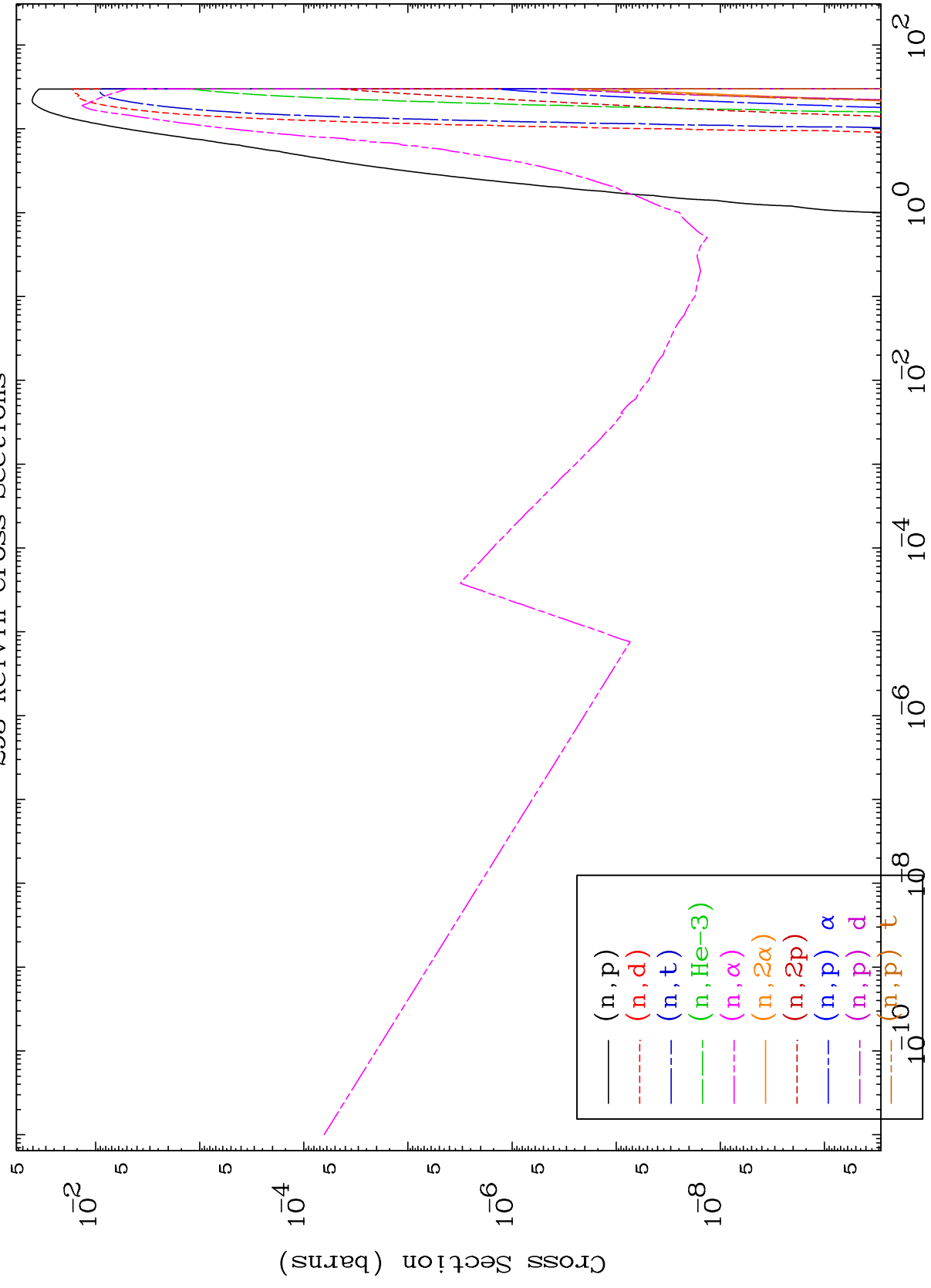




MAT 5440

293 Charged Particle
Kelvin Cross Sections

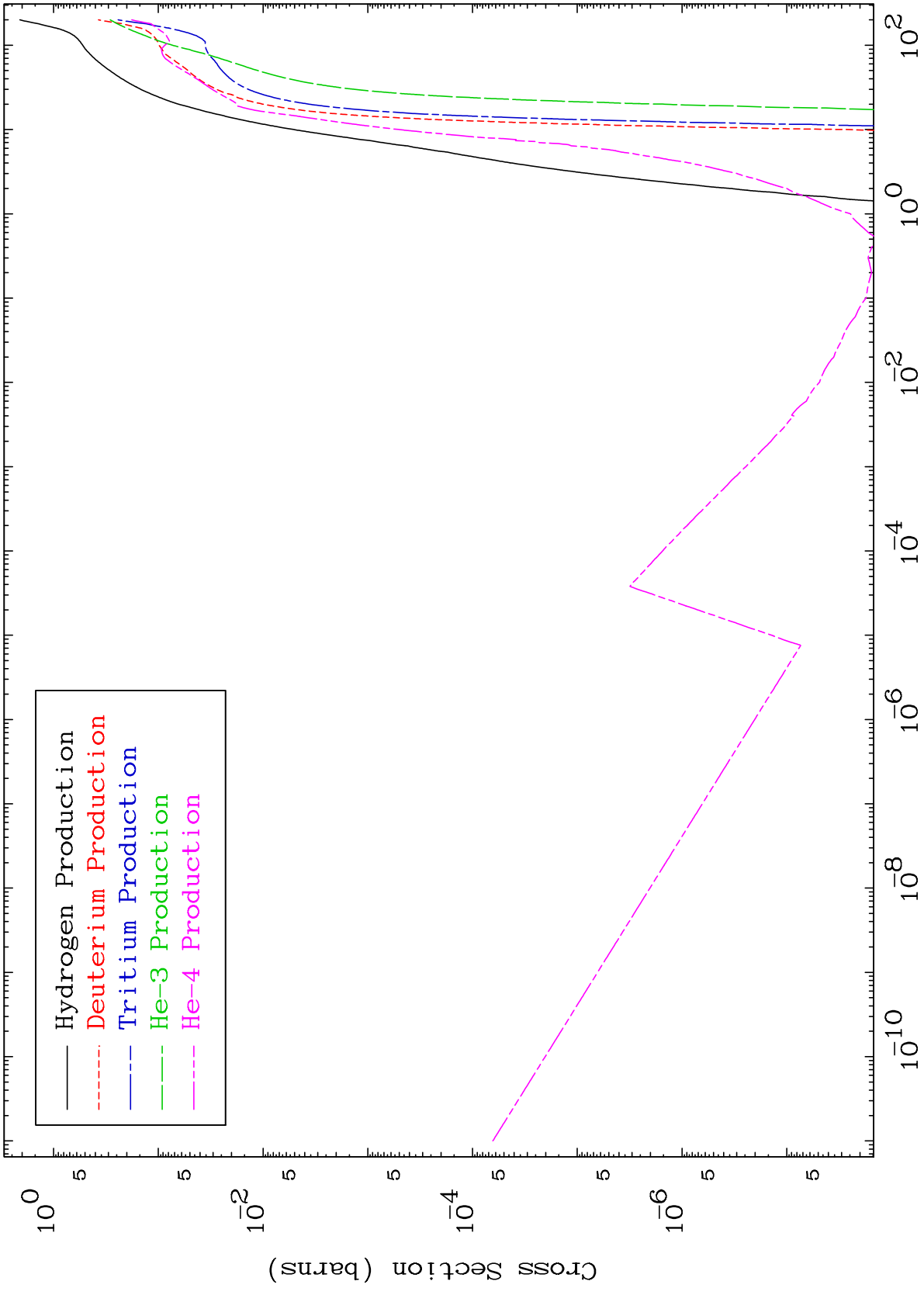
54-Xe-129



MAT 5440

Particle Production
293 Kelvin Cross Sections

54-Xe-129



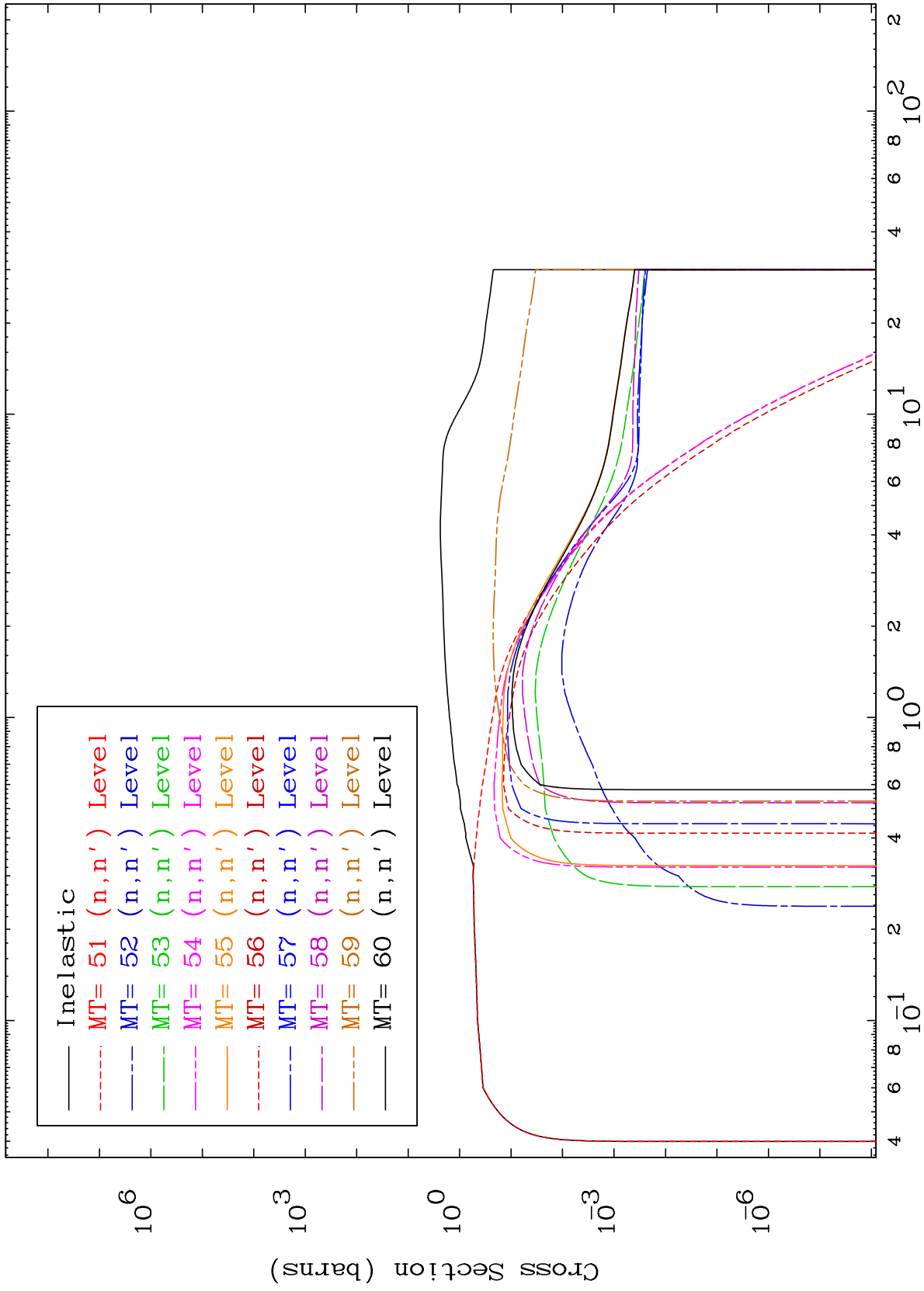
6

54-Xe-129

MAT 5440

(n,n') Level
293 Kelvin Cross Sections

54-Xe-129

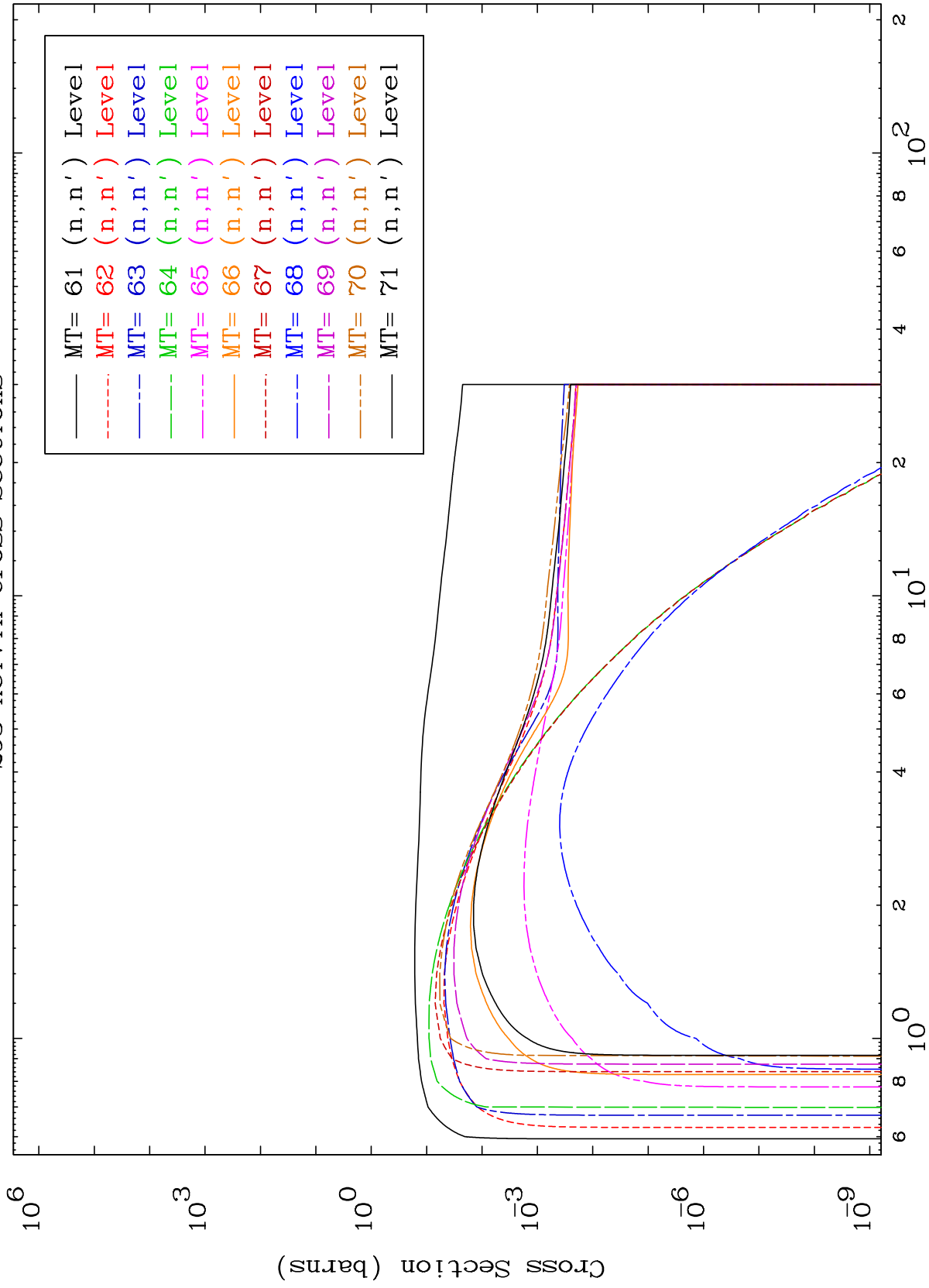


MAT 5440

(n,n') Level

54-Xe-129

293 Kelvin Cross Sections



8

Incident Energy (MeV)

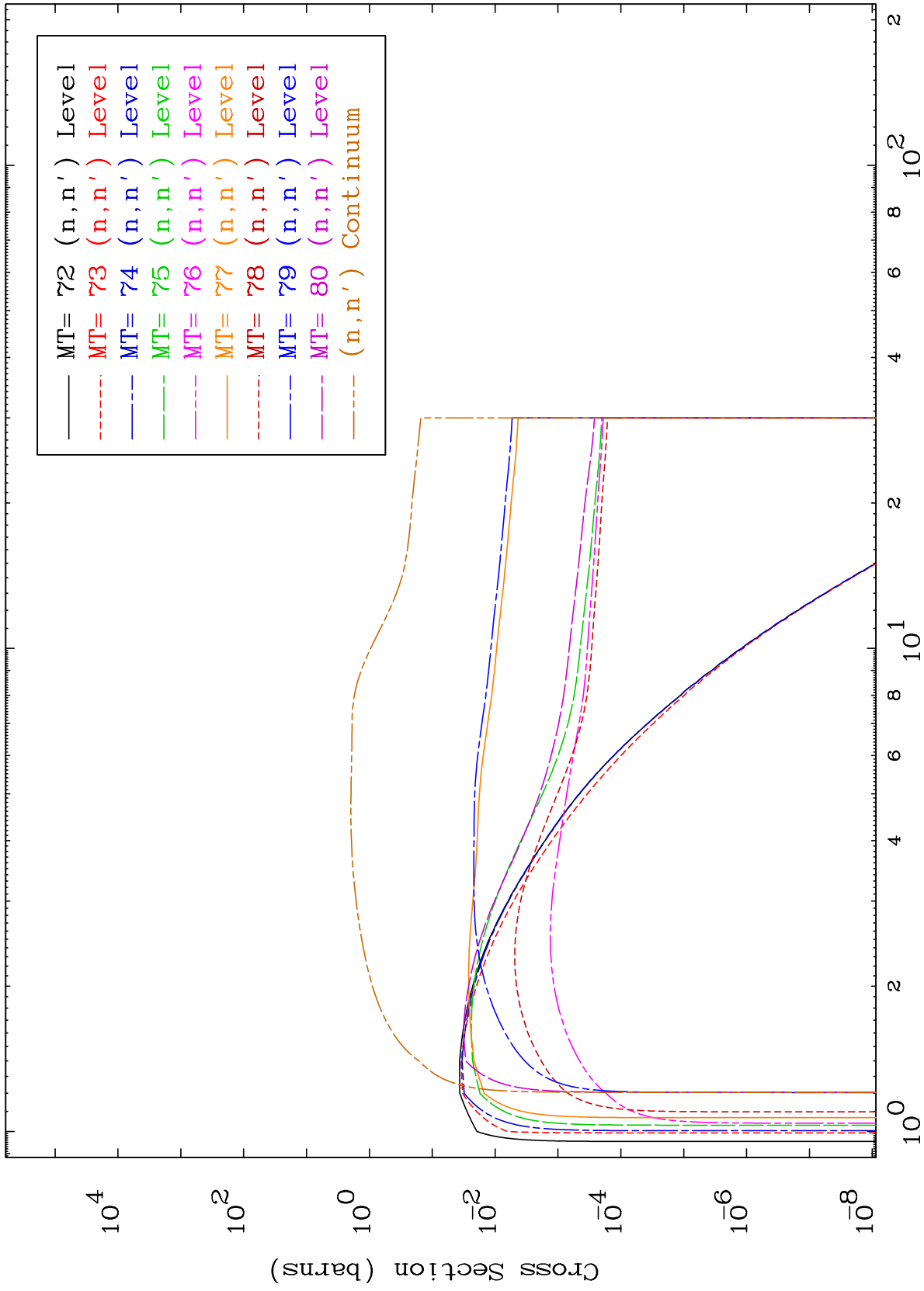
54-Xe-129

MAT 5440

(n,n') Level

54-Xe-129

293 Kelvin Cross Sections



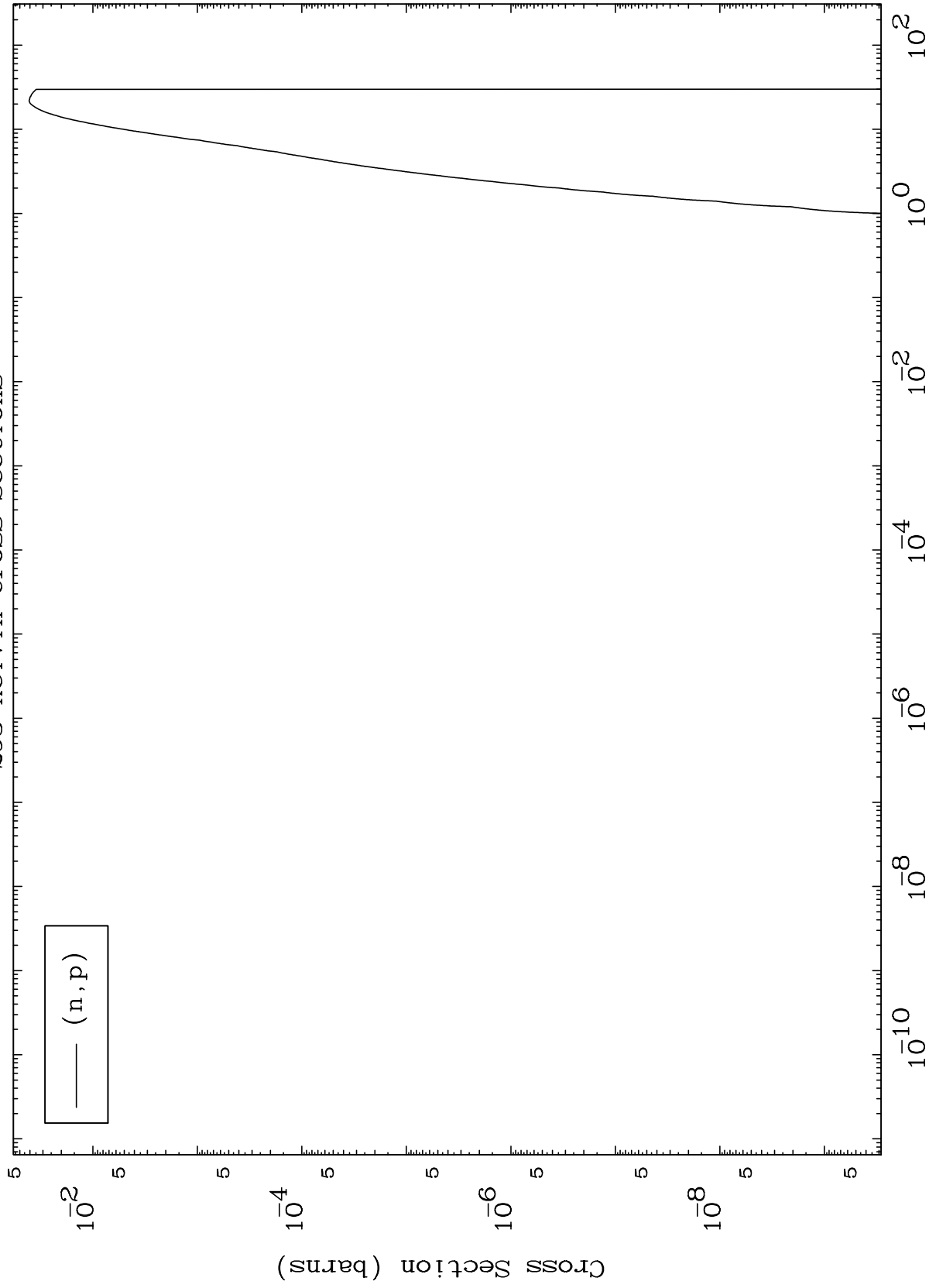
Incident Energy (MeV)

54-Xe-129

MAT 5440

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-129



10

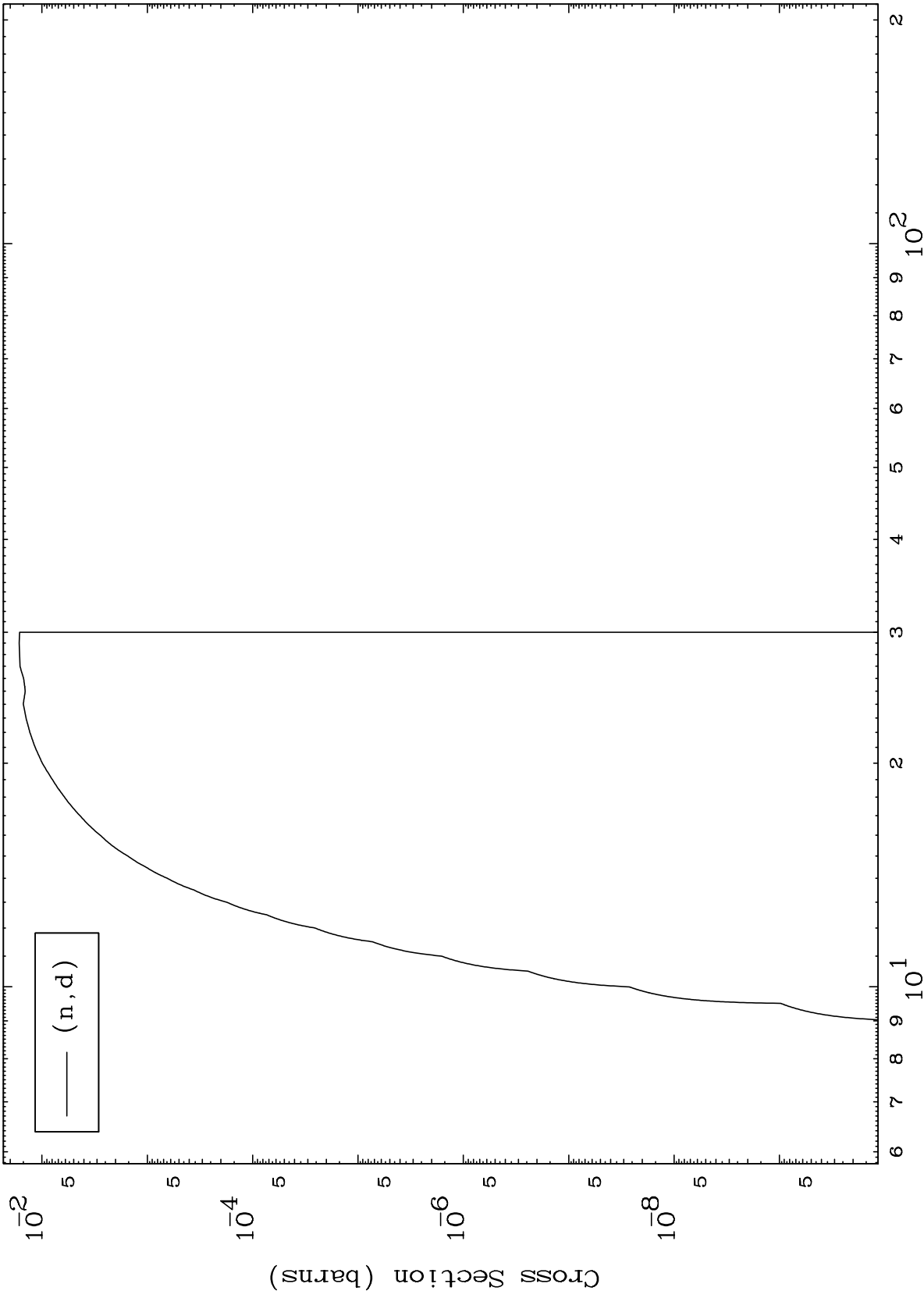
Incident Energy (MeV)

54-Xe-129

MAT 5440

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-129



11

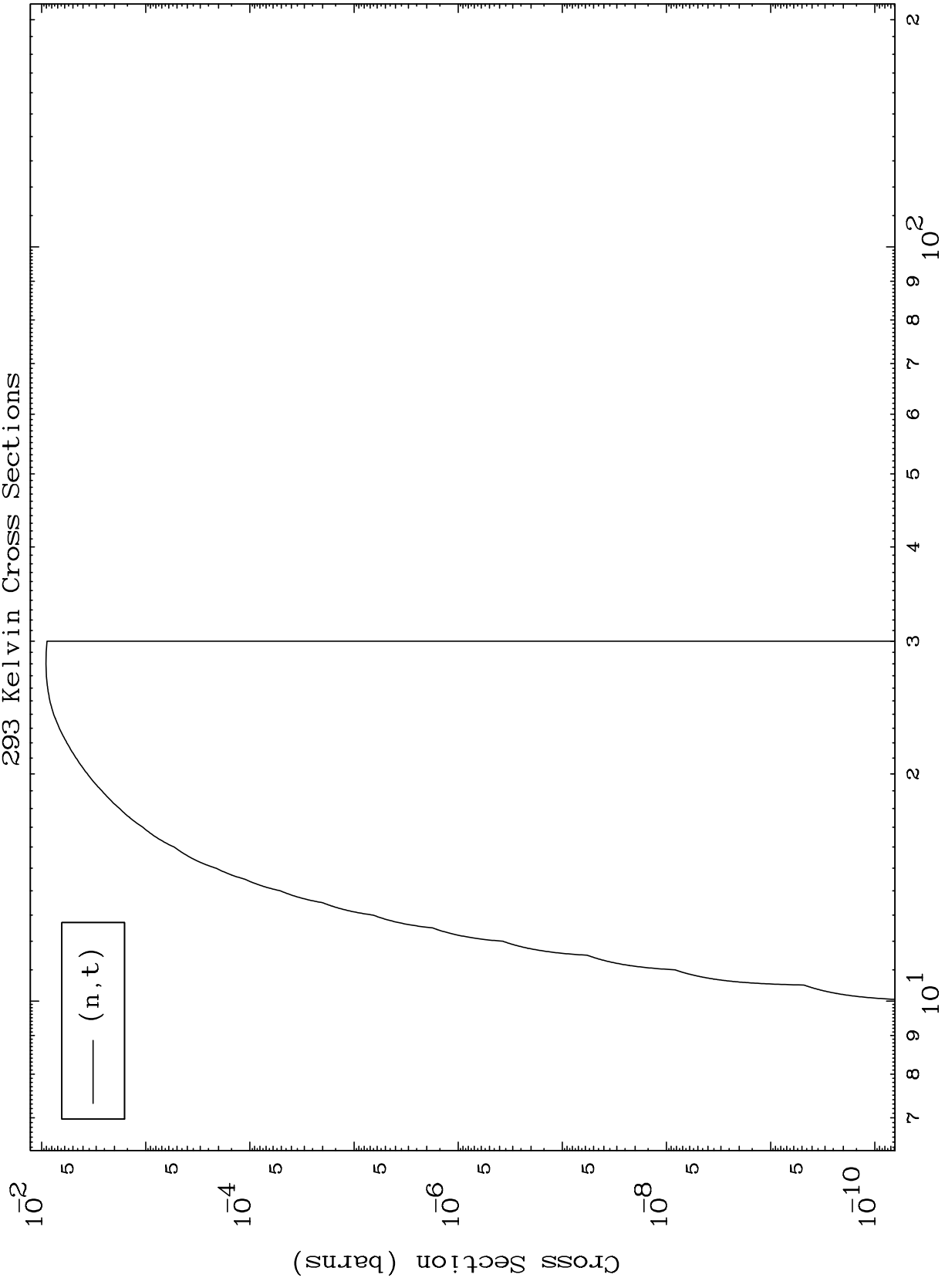
Incident Energy (MeV)

54-Xe-129

MAT 5440

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-129



12

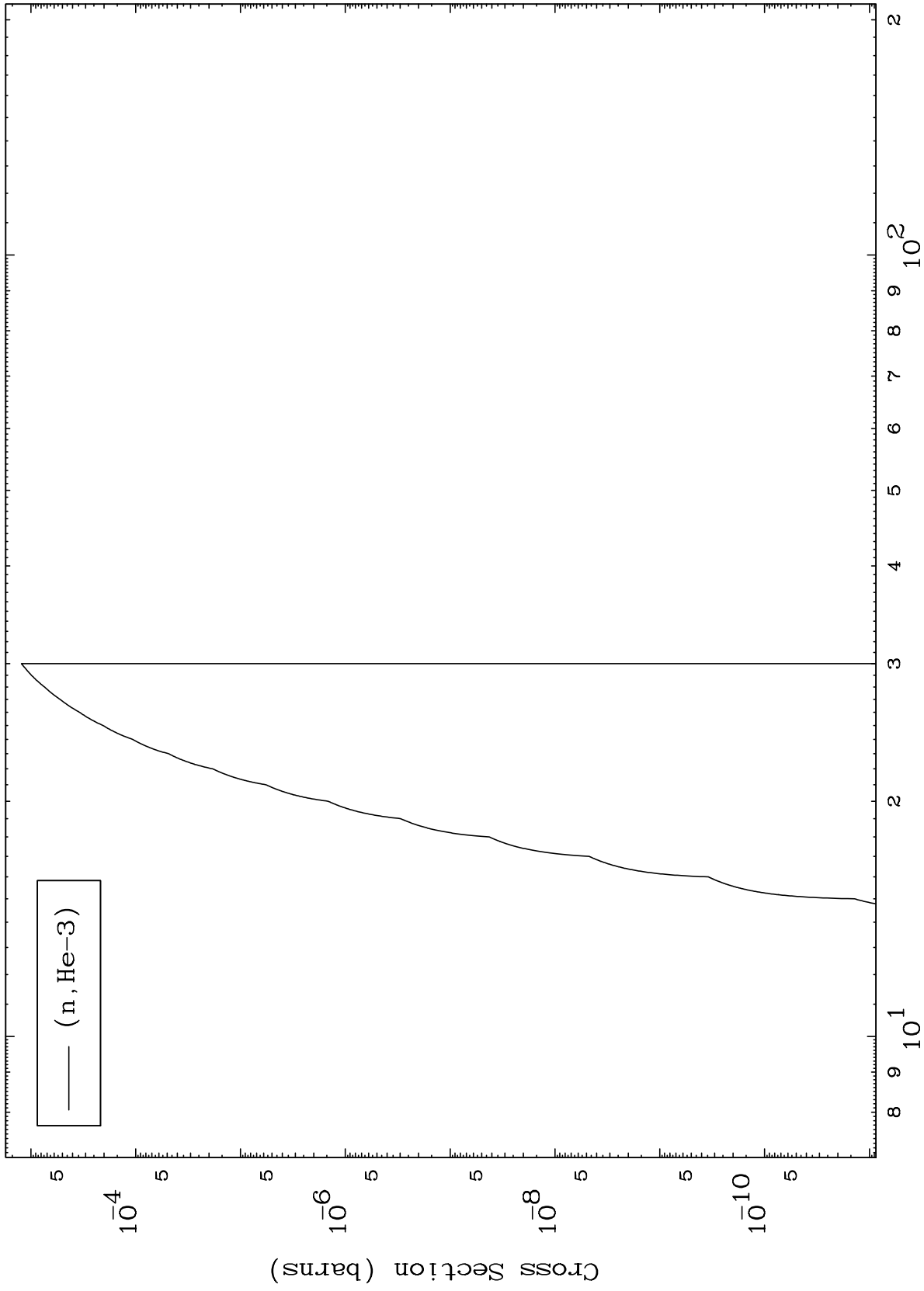
Incident Energy (MeV)

54-Xe-129

MAT 5440

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-129



13

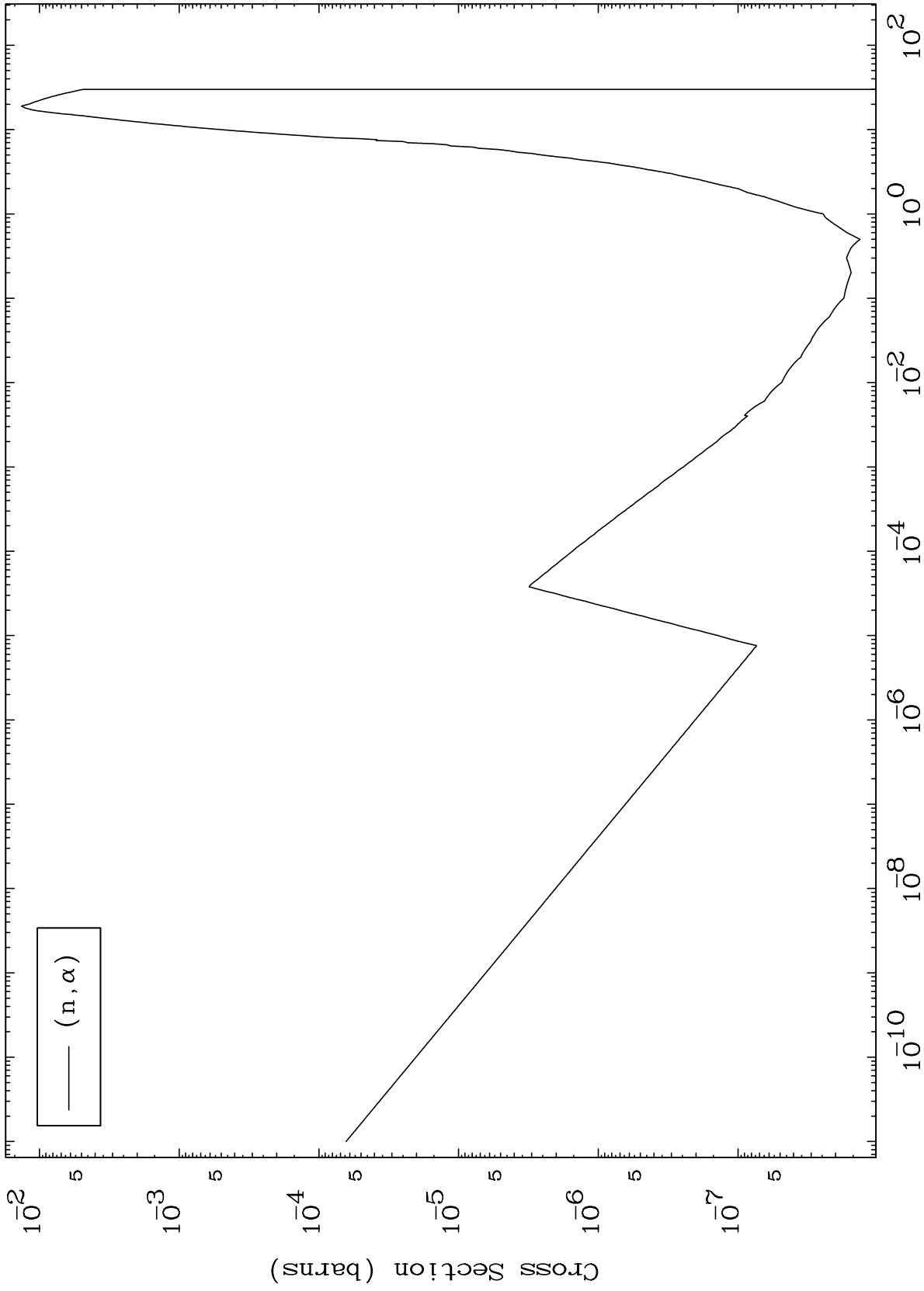
Incident Energy (MeV)

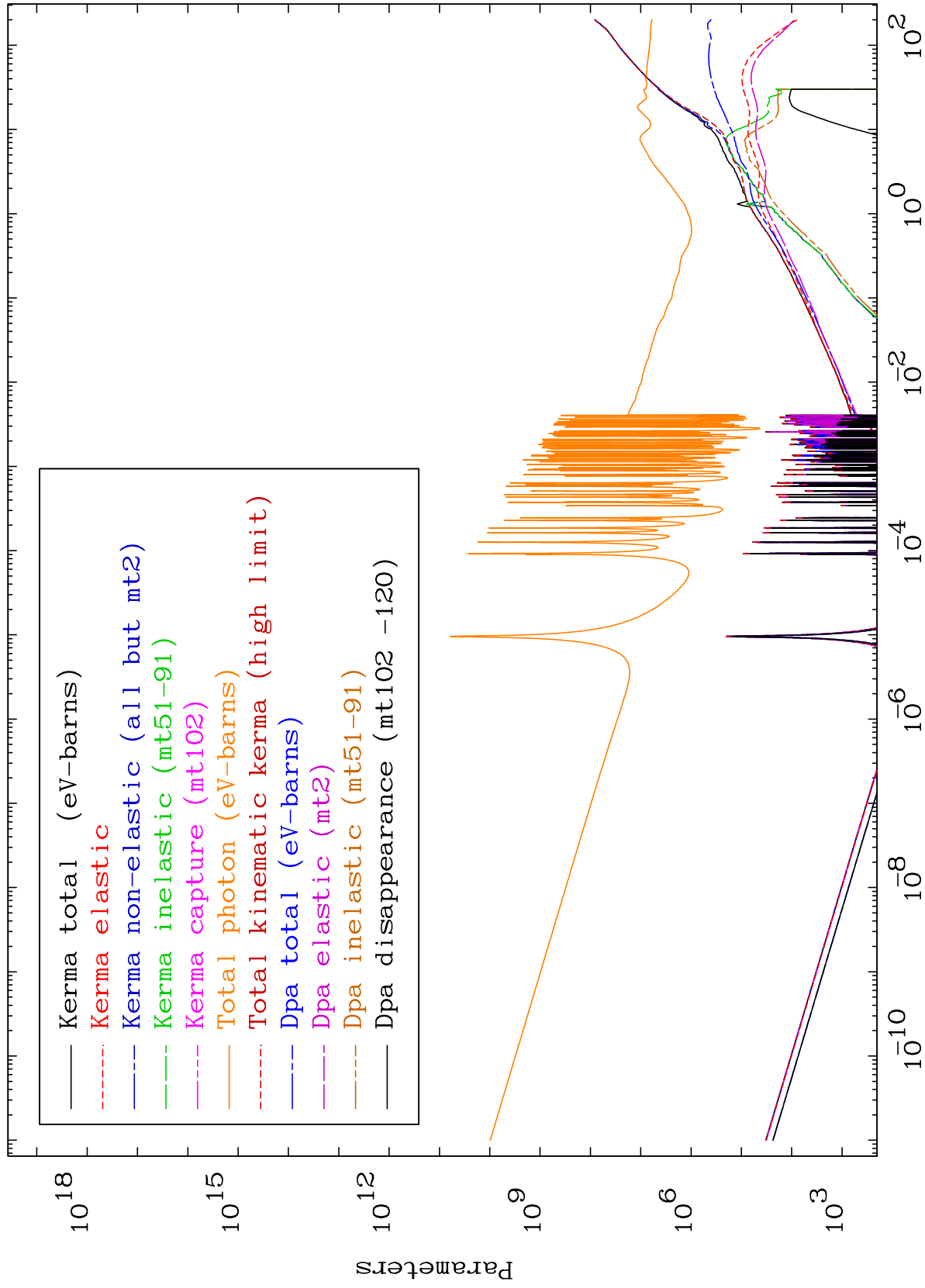
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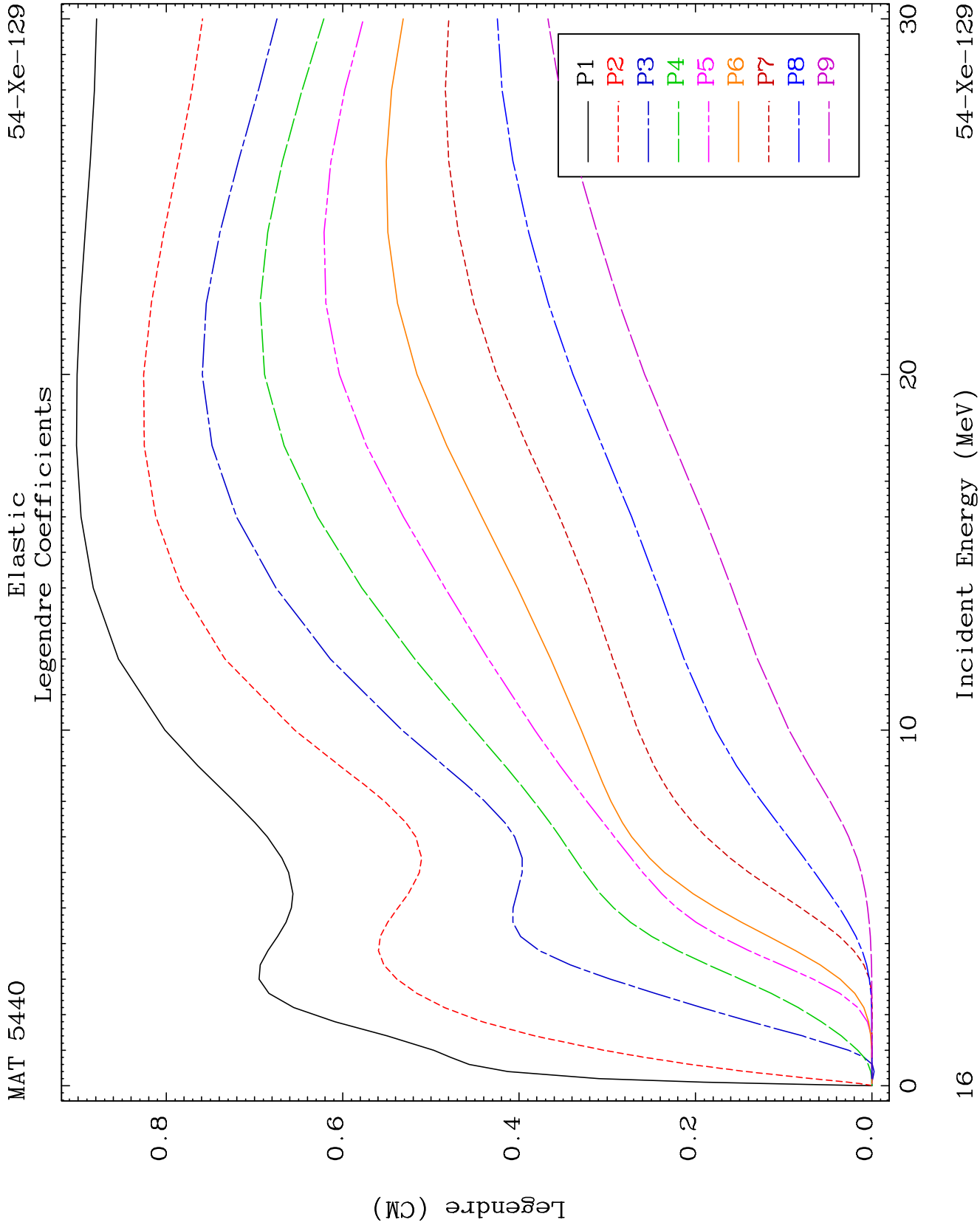
MAT 5440

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-129



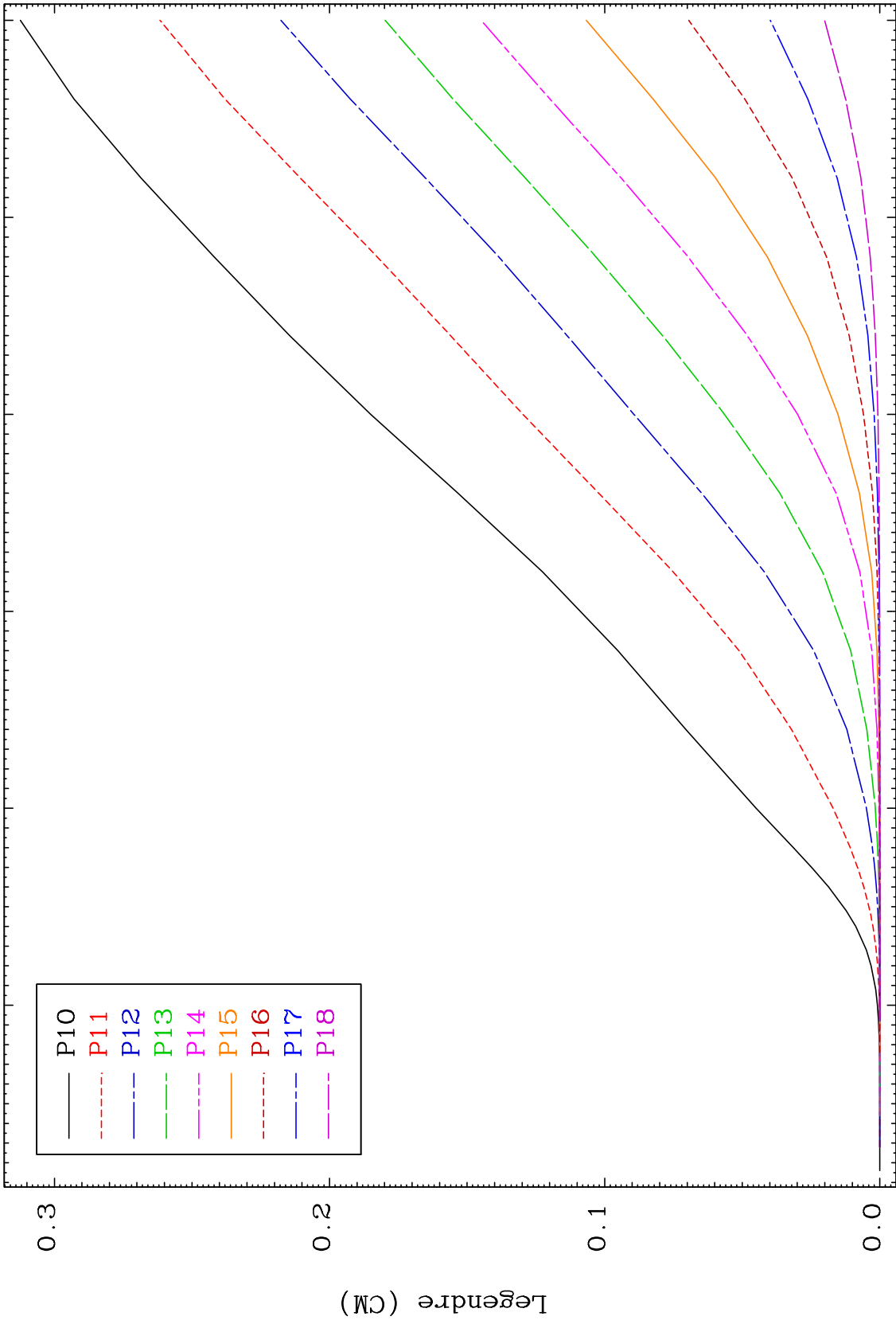




MAT 5440

Elastic Legendre Coefficients

54-Xe-129



17

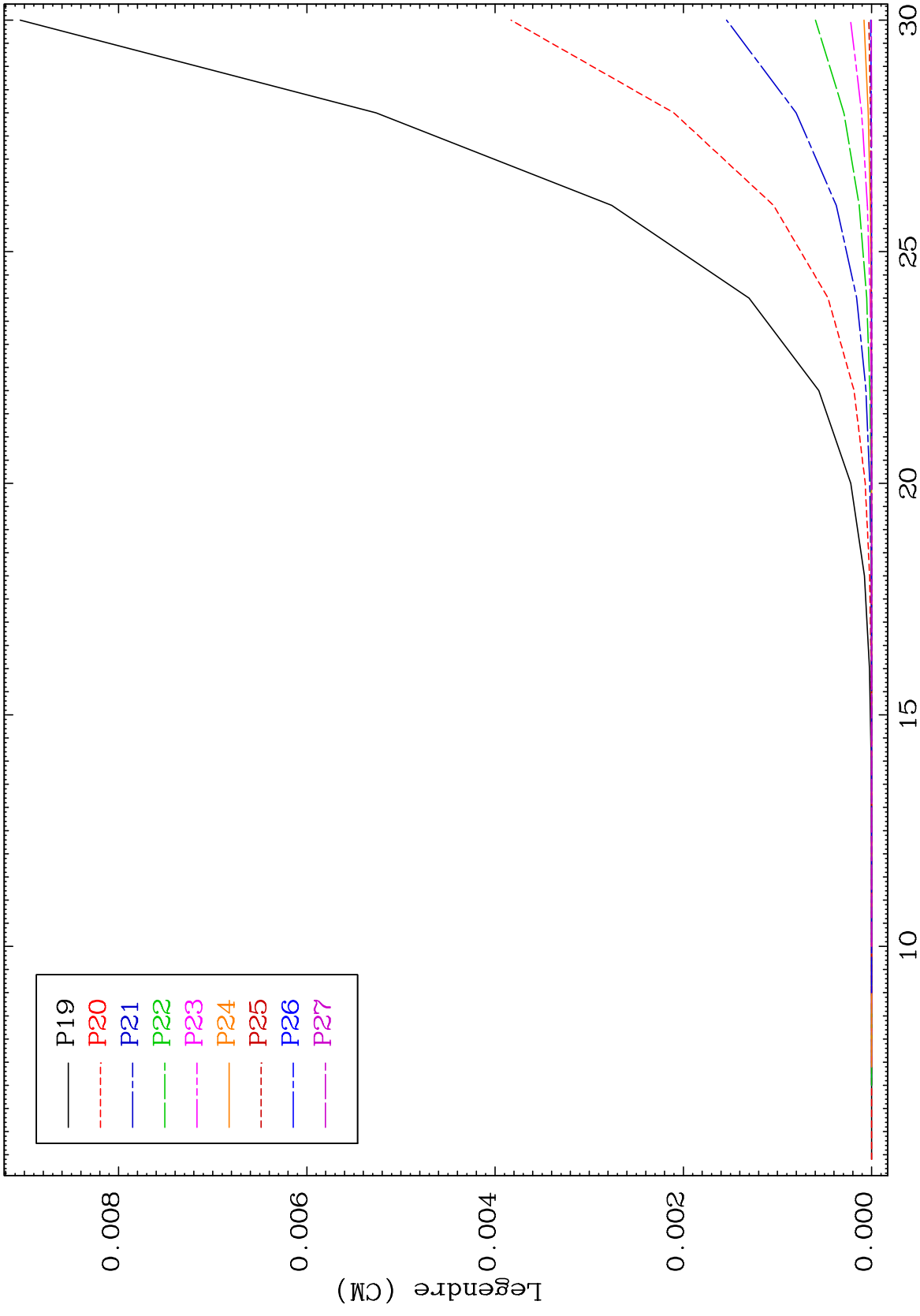
Incident Energy (MeV)

54-Xe-129

MAT 5440

Elastic Legendre Coefficients

54-Xe-129



18

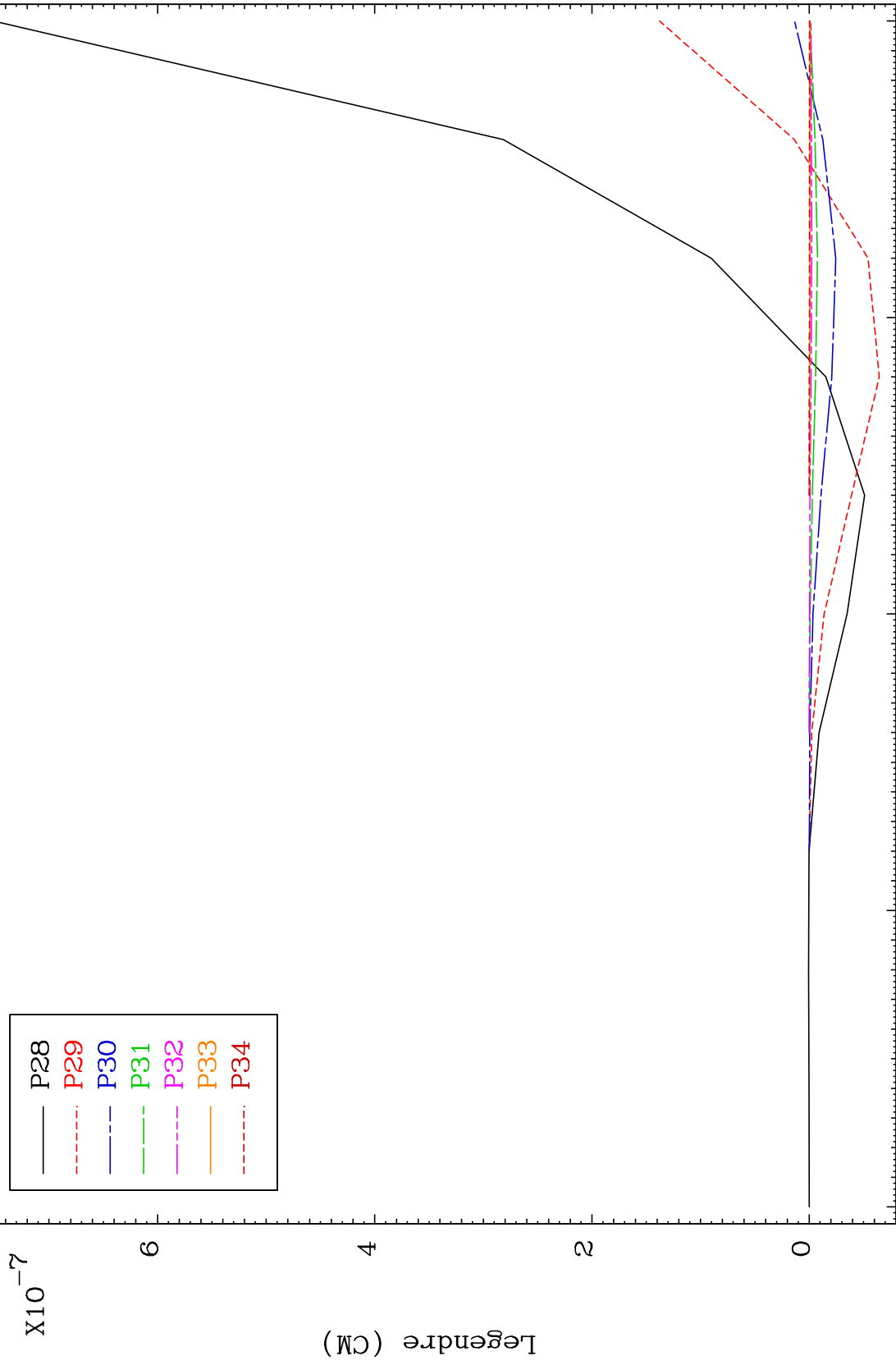
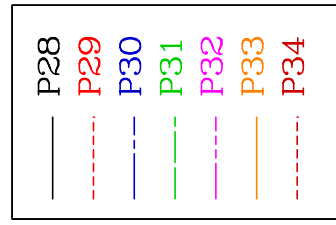
Incident Energy (MeV)

54-Xe-129

MAT 5440

Elastic Legendre Coefficients

54-Xe-129



19

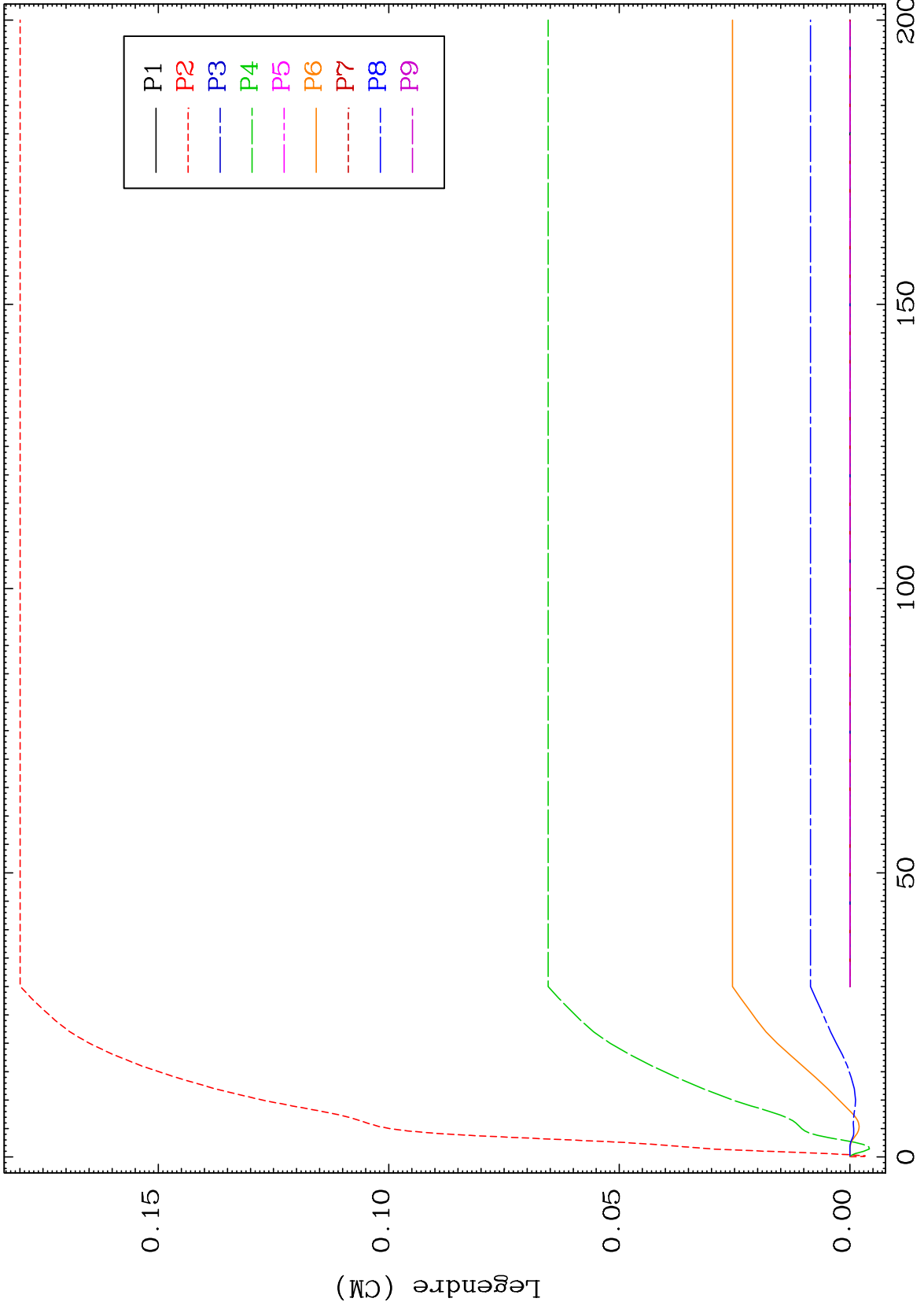
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



20

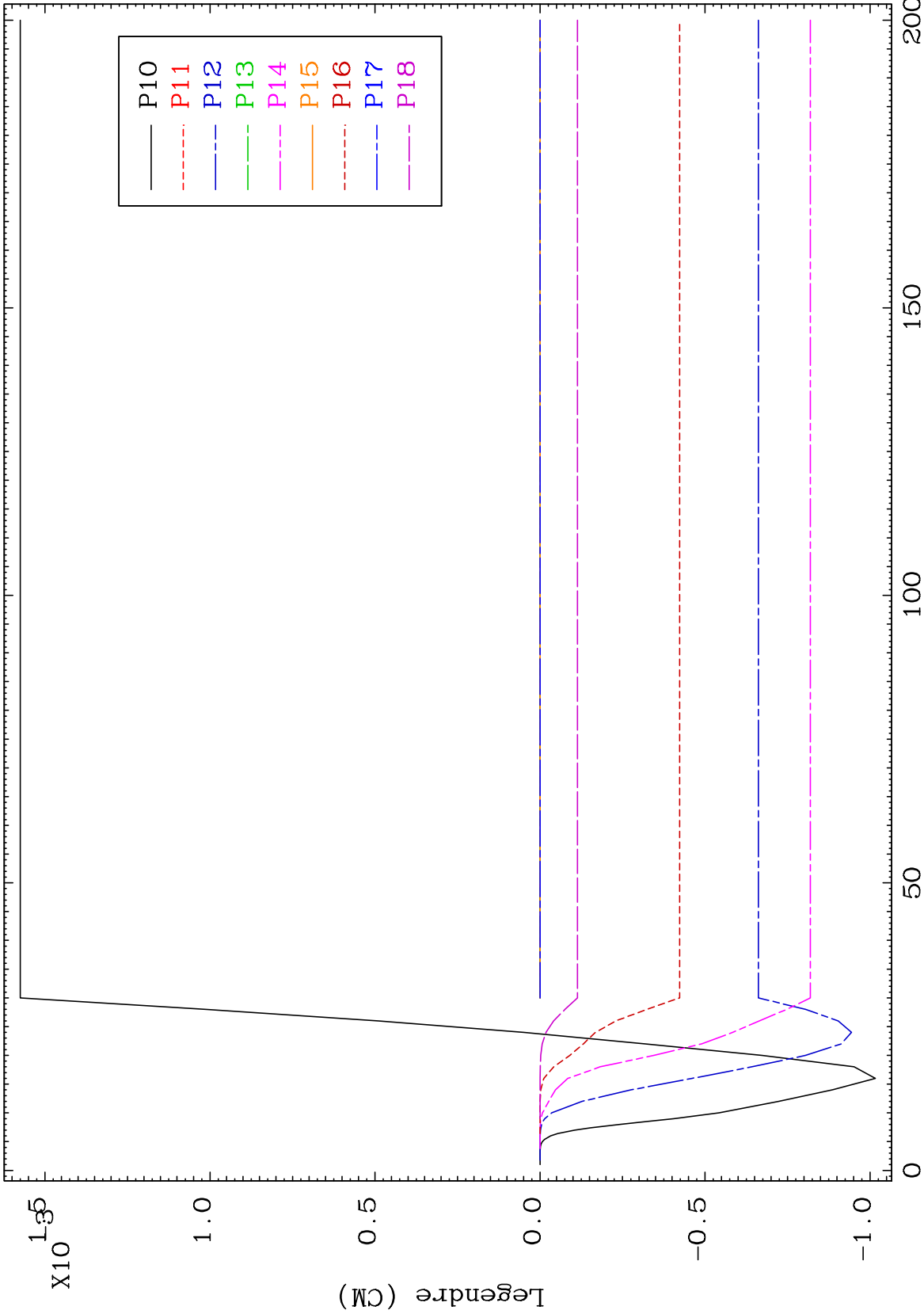
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

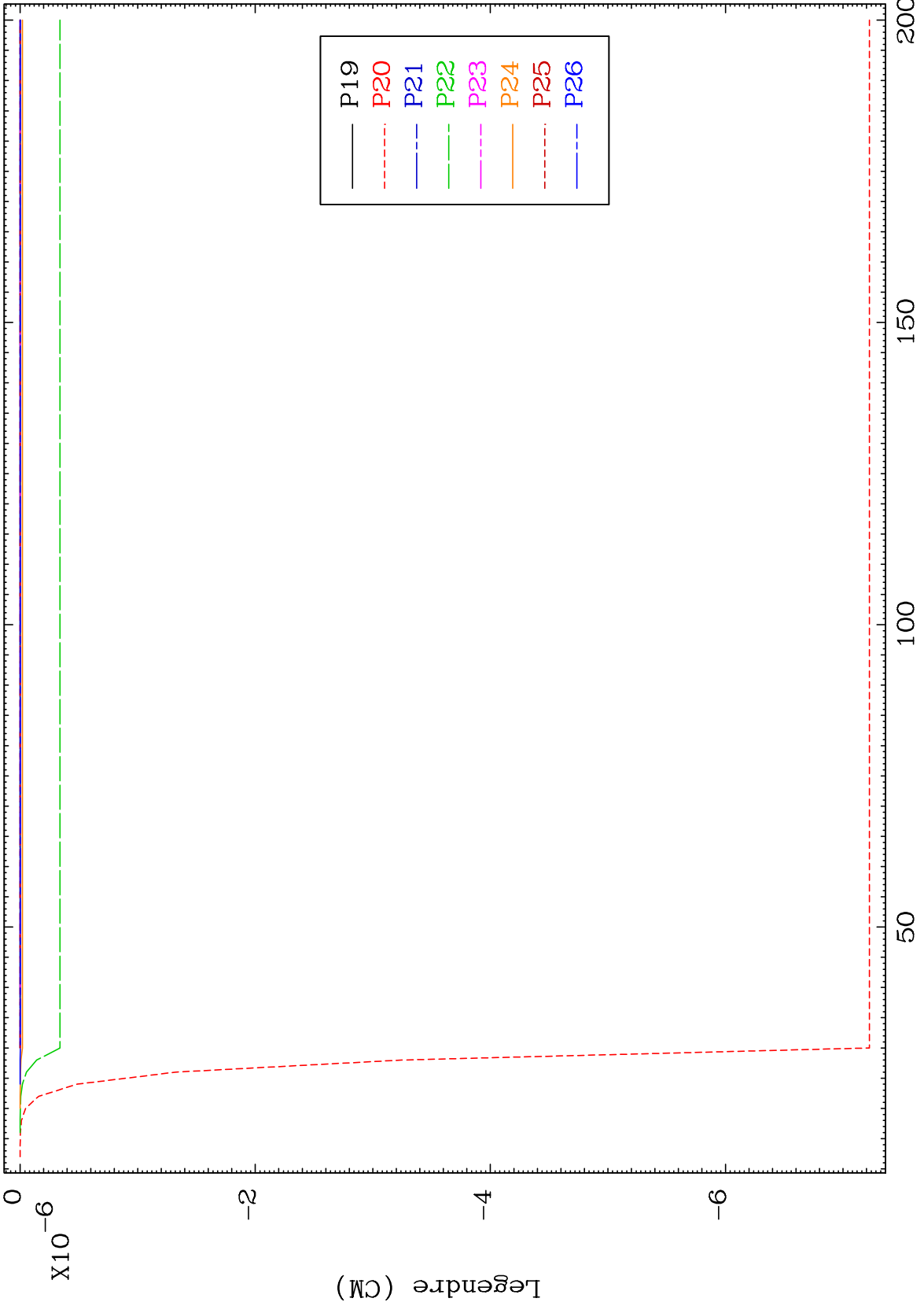
54-Xe-129



21

54-Xe-129

MAT 5440 MT= 51 (n,n') Level Legendre Coefficients 54-Xe-129

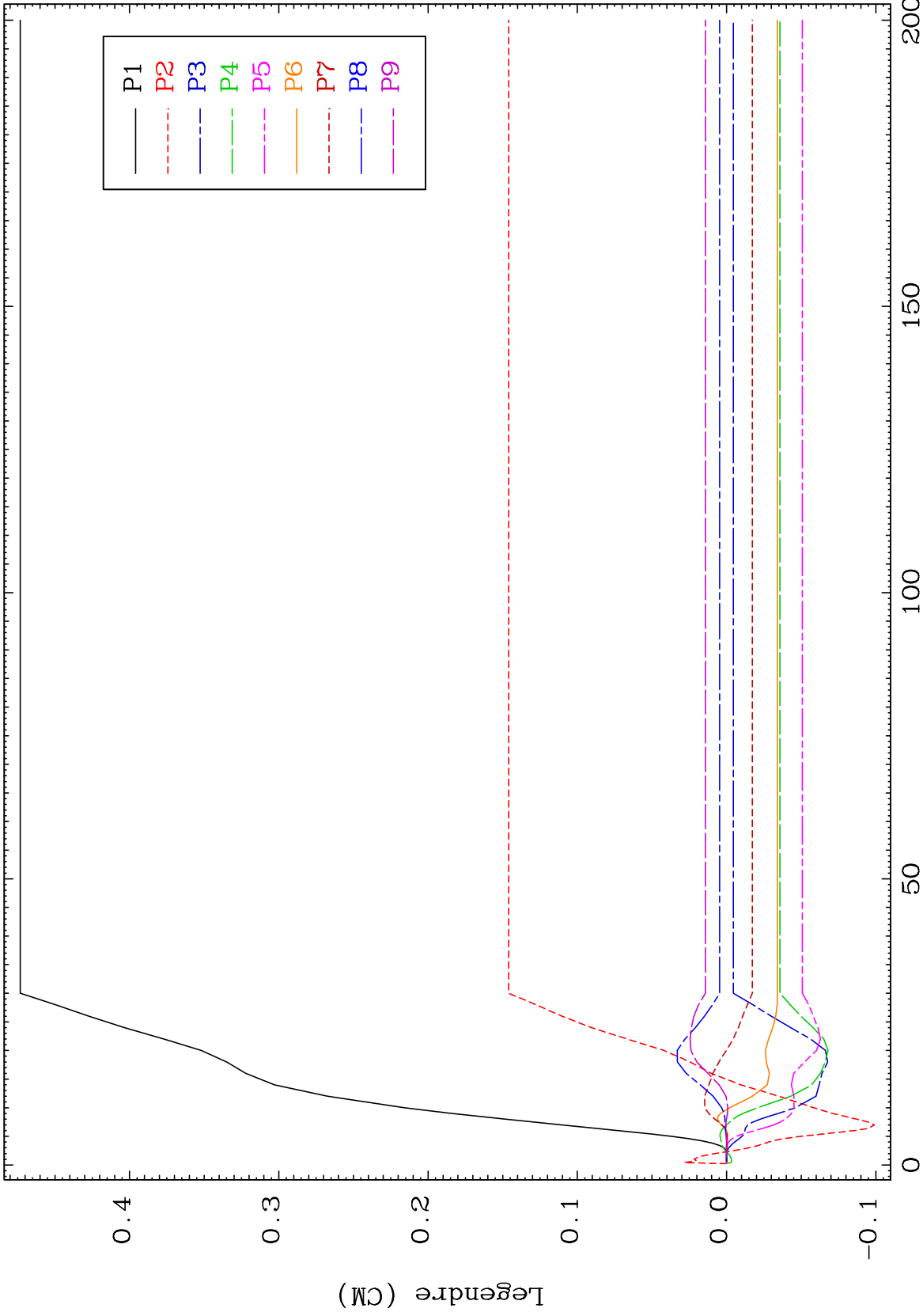


22 54-Xe-129

MAT 5440

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

54-Xe-129



23

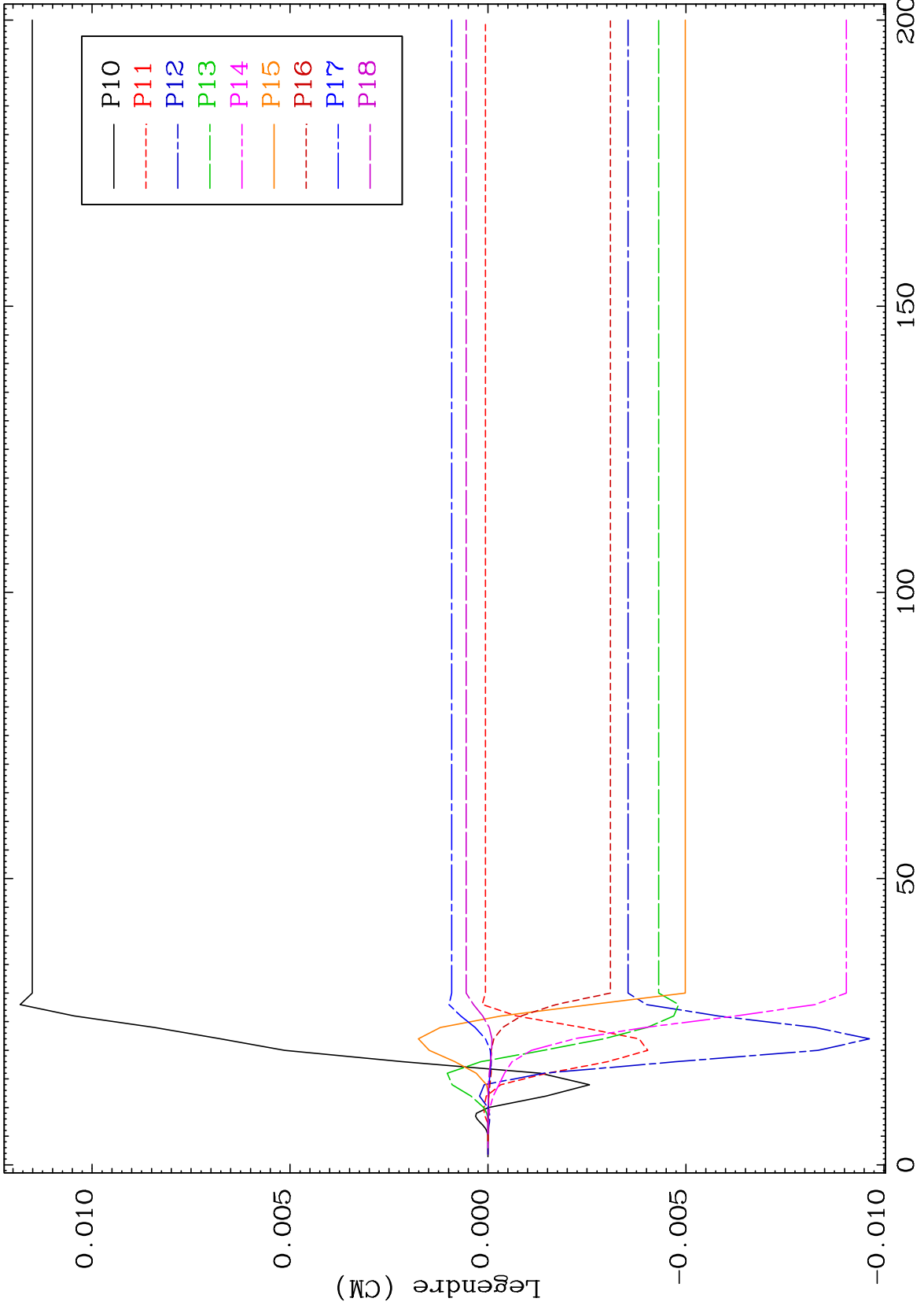
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



24

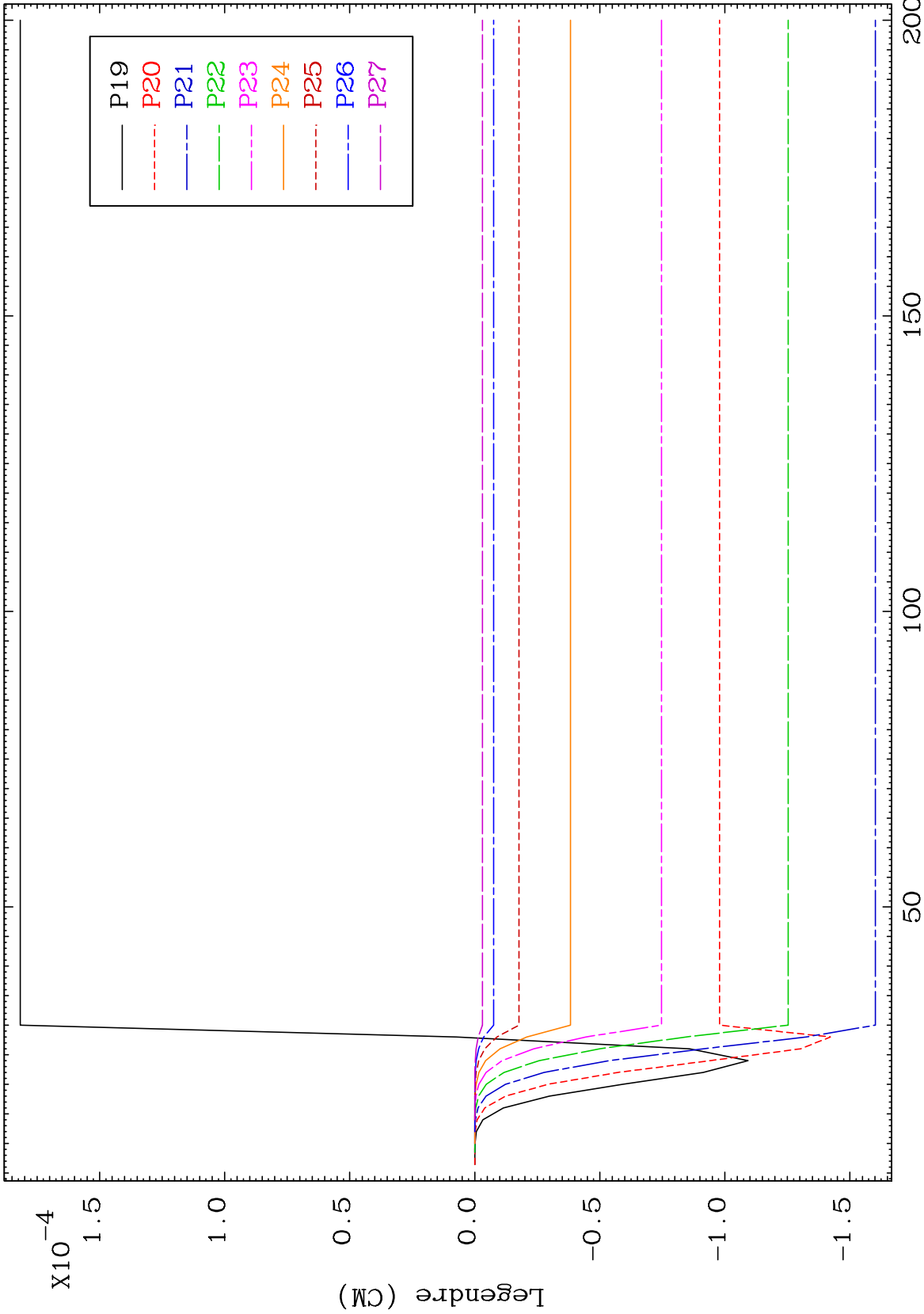
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

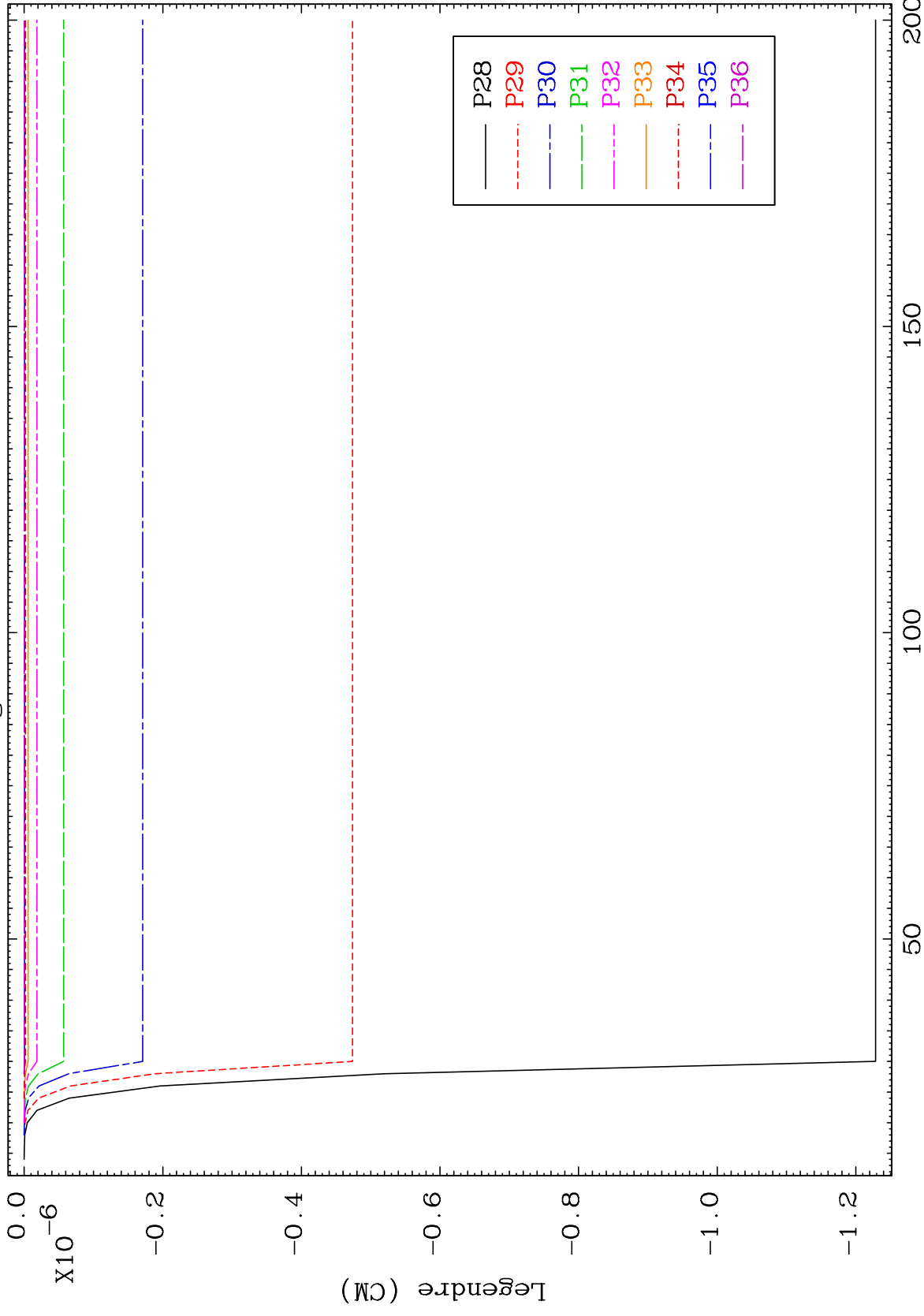
54-Xe-129



25

Incident Energy (MeV)

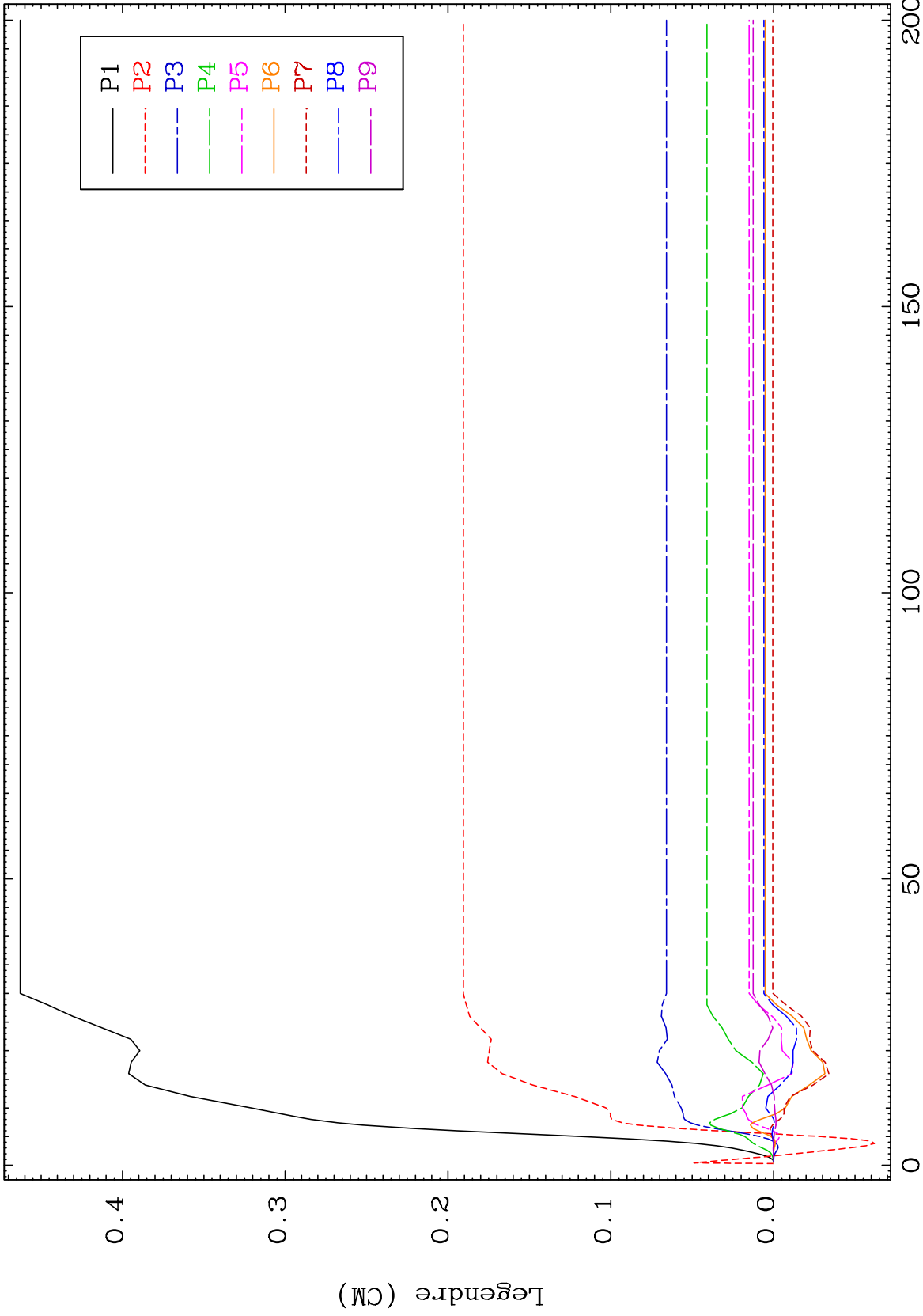
54-Xe-129



MAT 5440

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

54-Xe-129



27

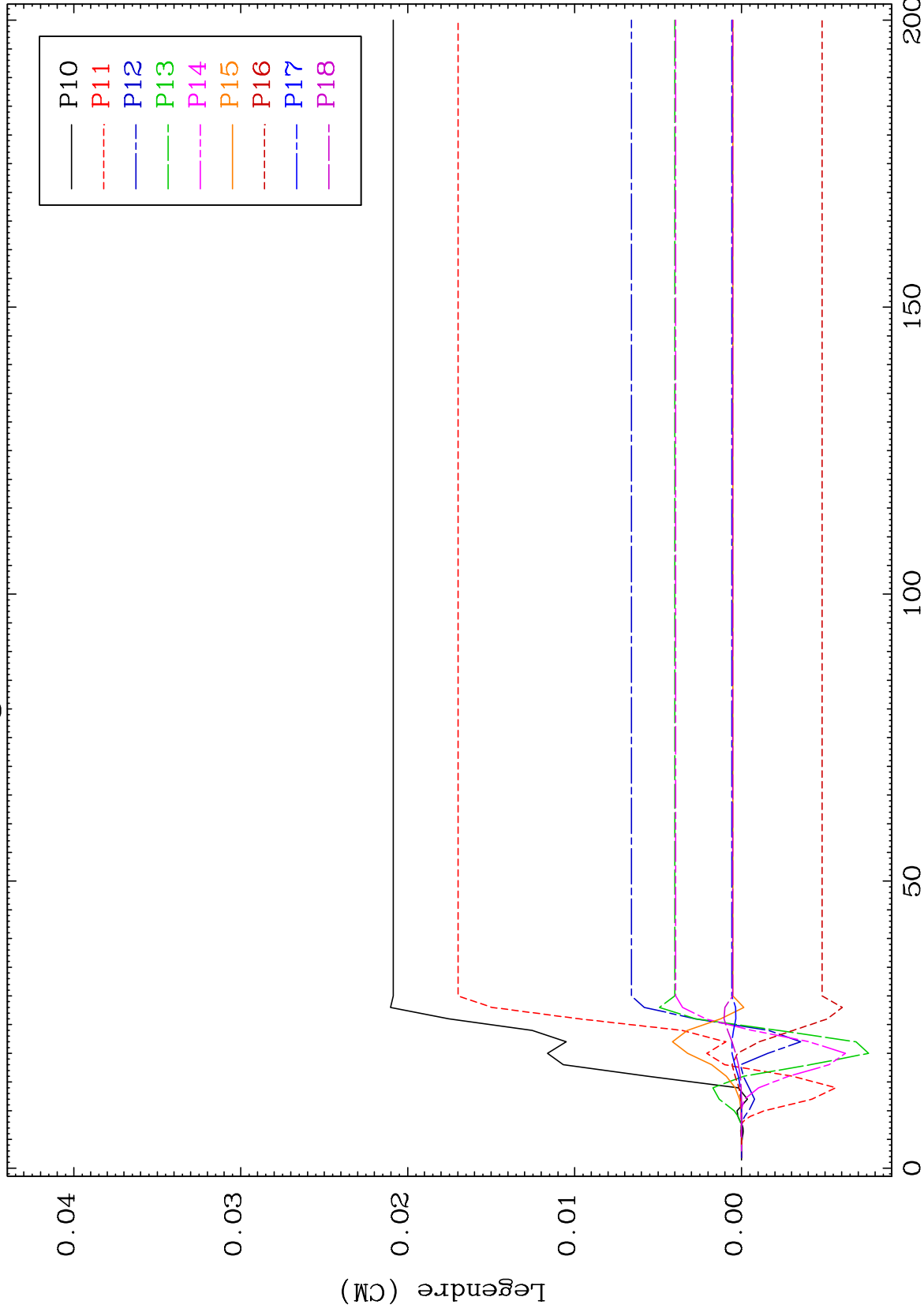
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



28

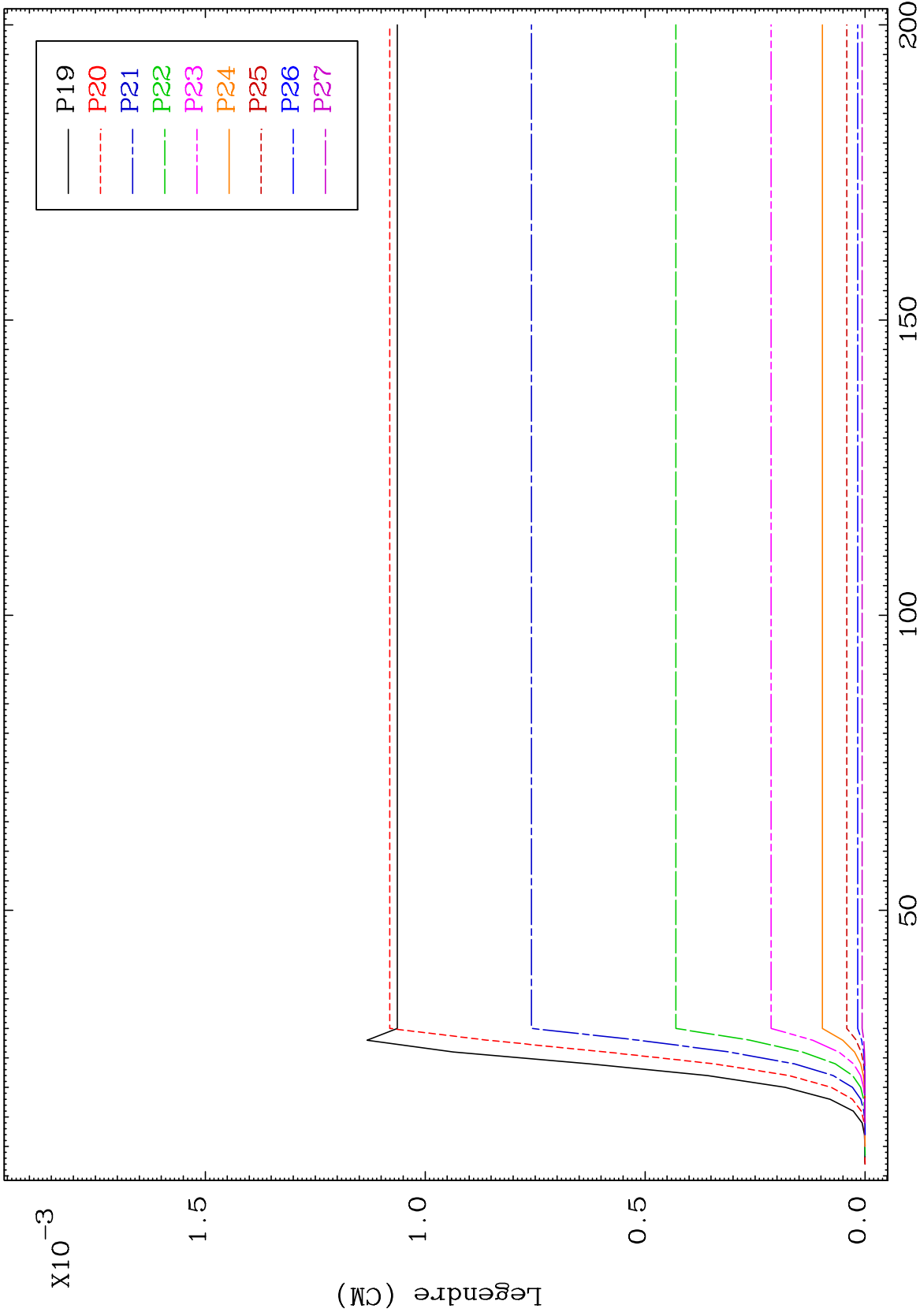
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



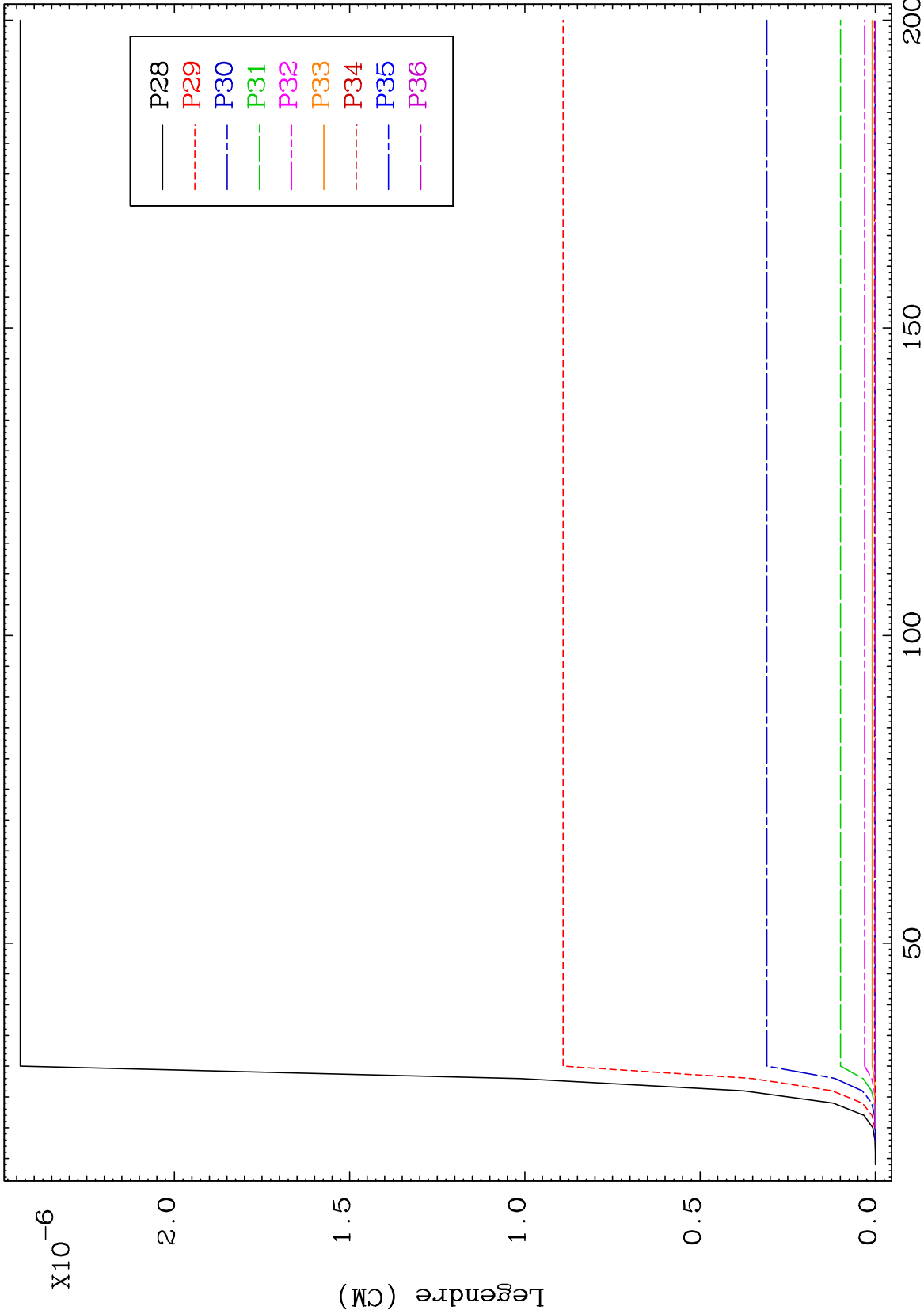
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54-Xe-129

MAT 5440

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

54-Xe-129



30

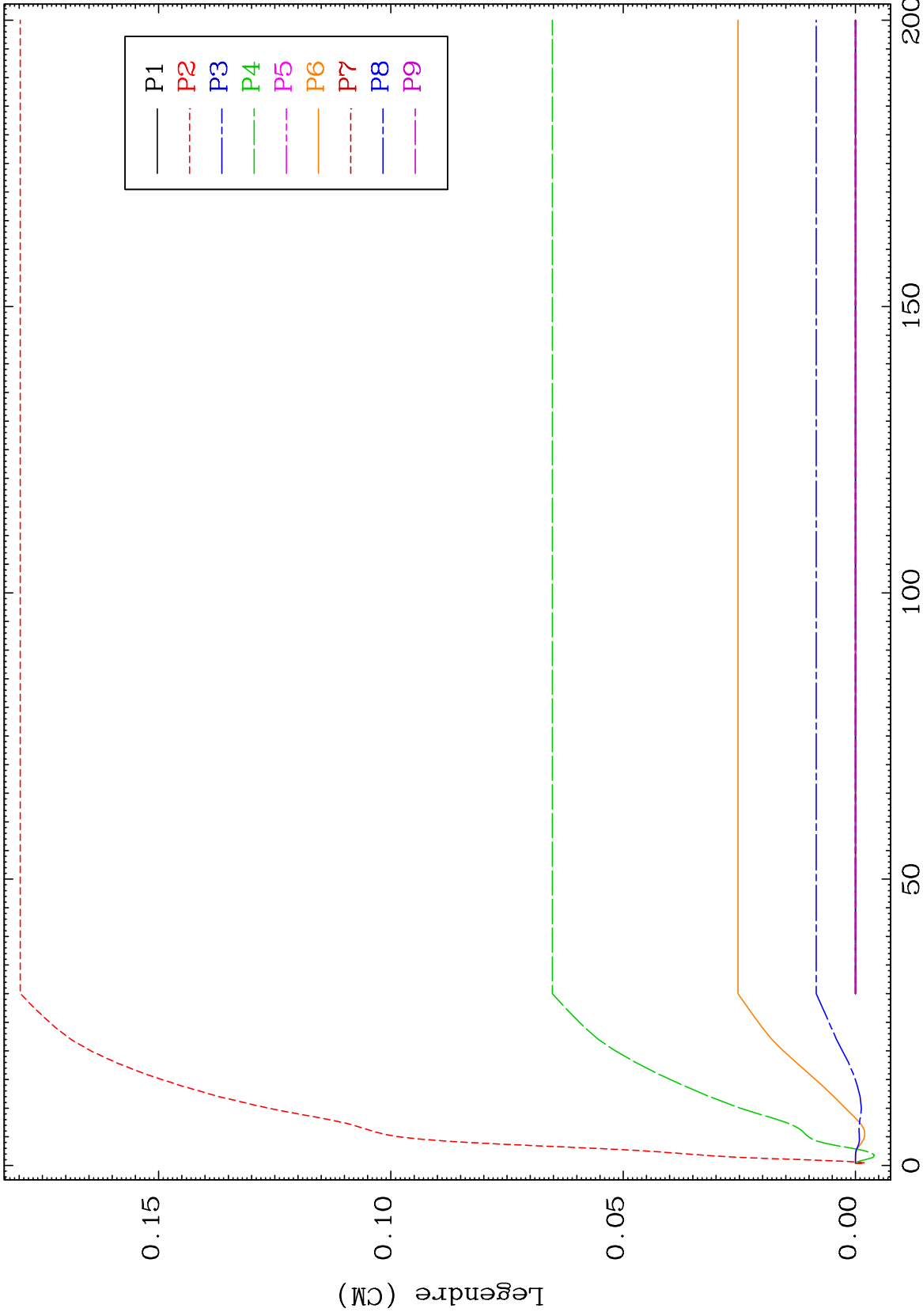
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



31

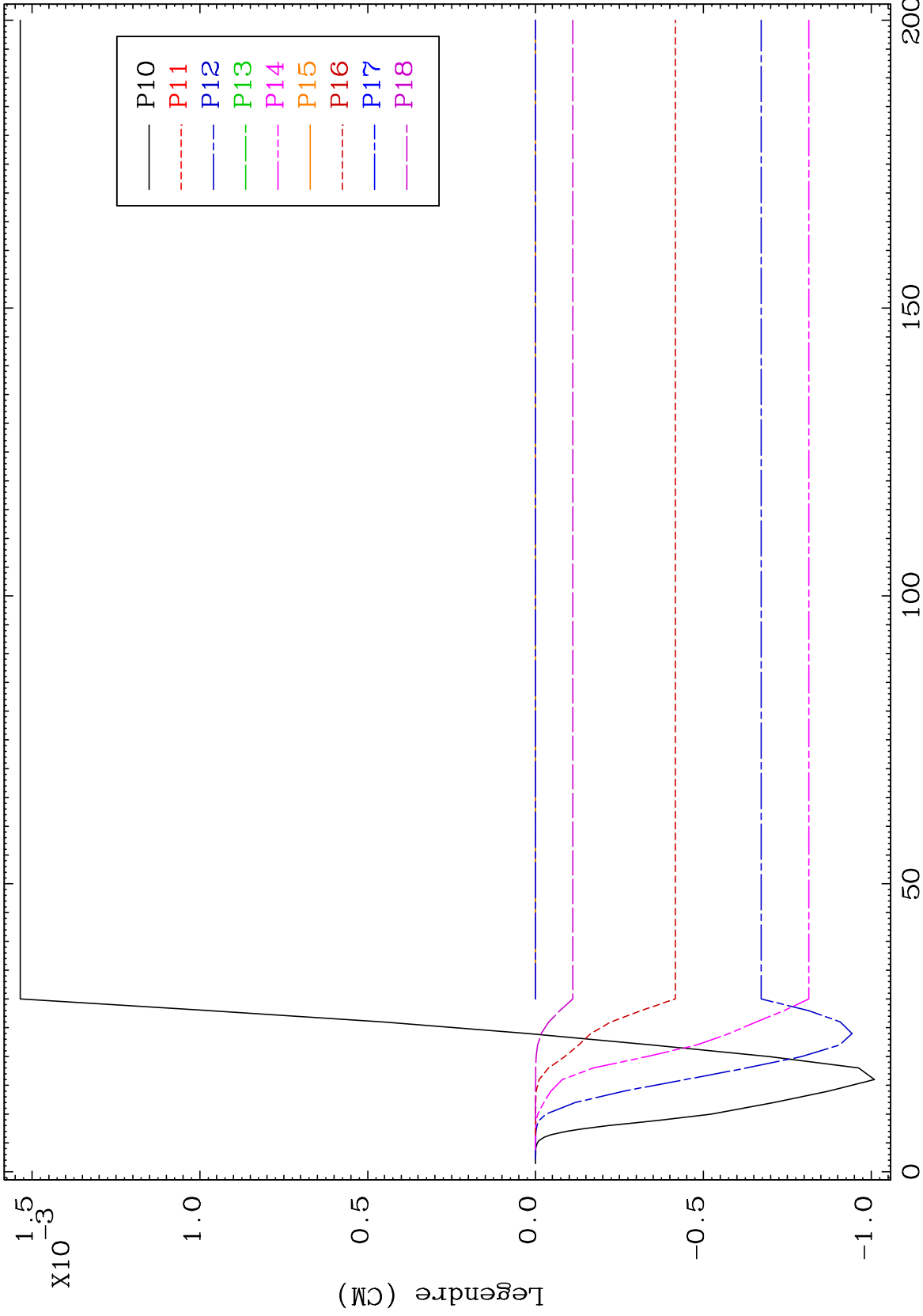
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



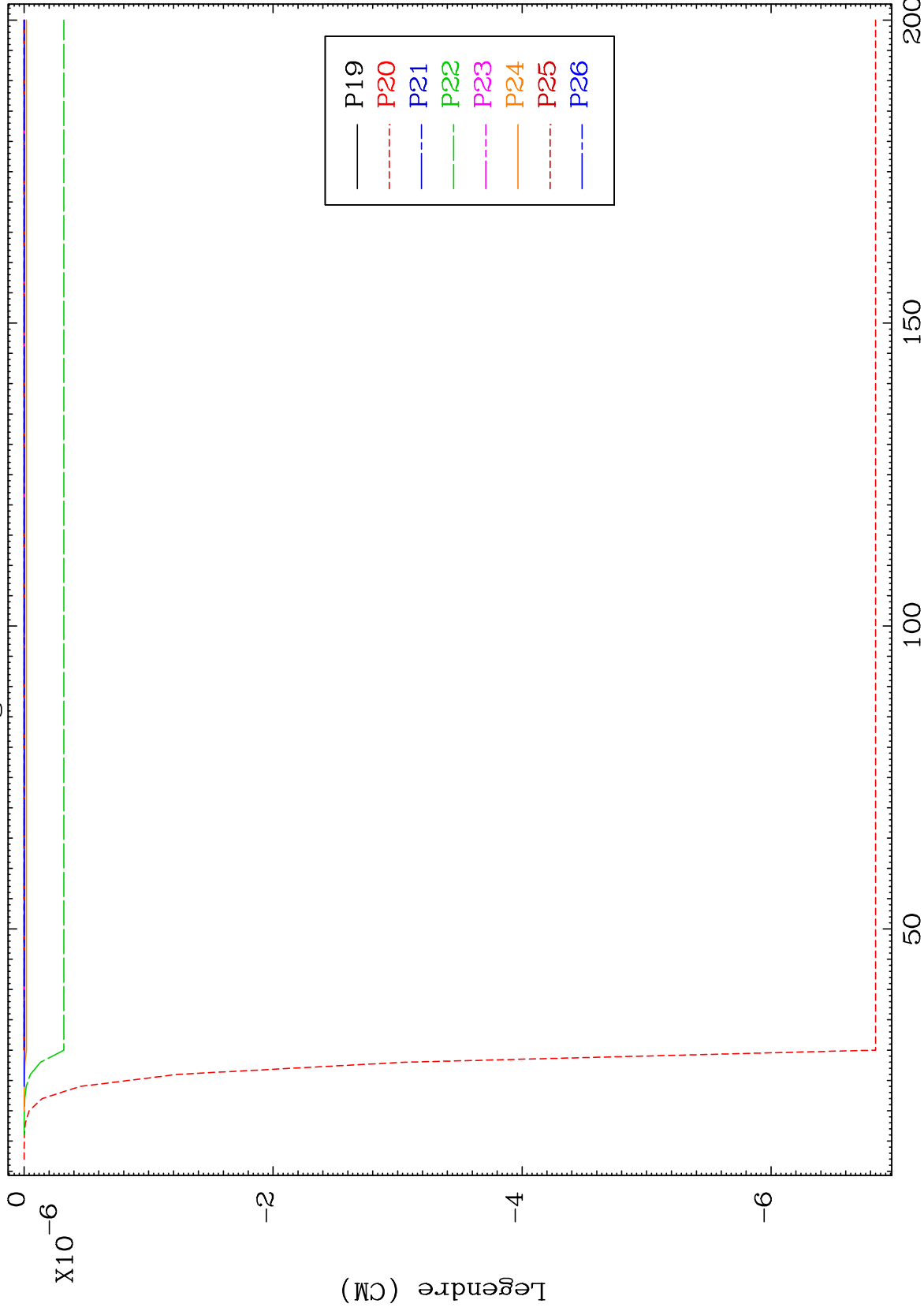
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54-Xe-129

MAT 5440

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

54-Xe-129



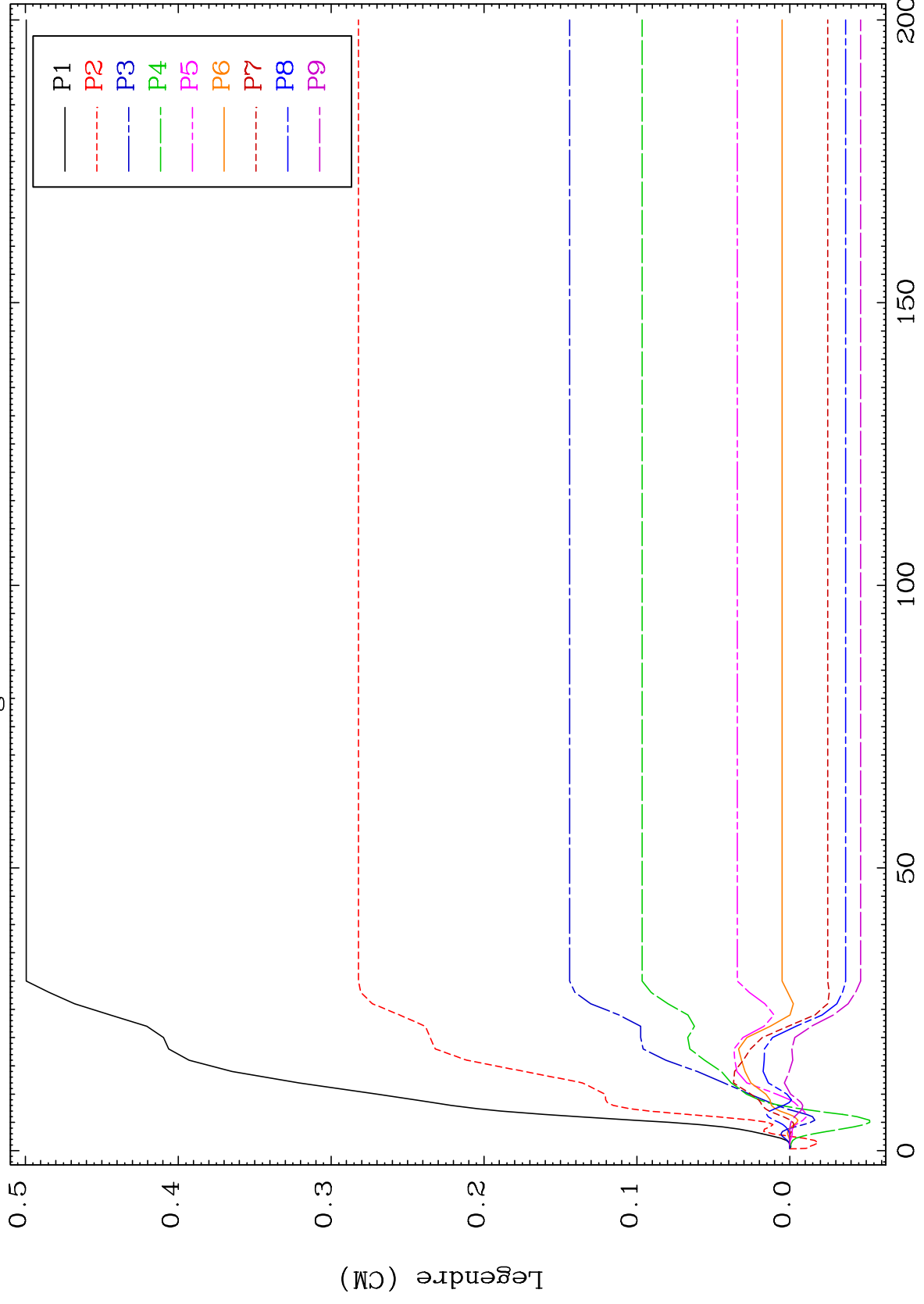
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54-Xe-129

MAT 5440

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

54-Xe-129



34

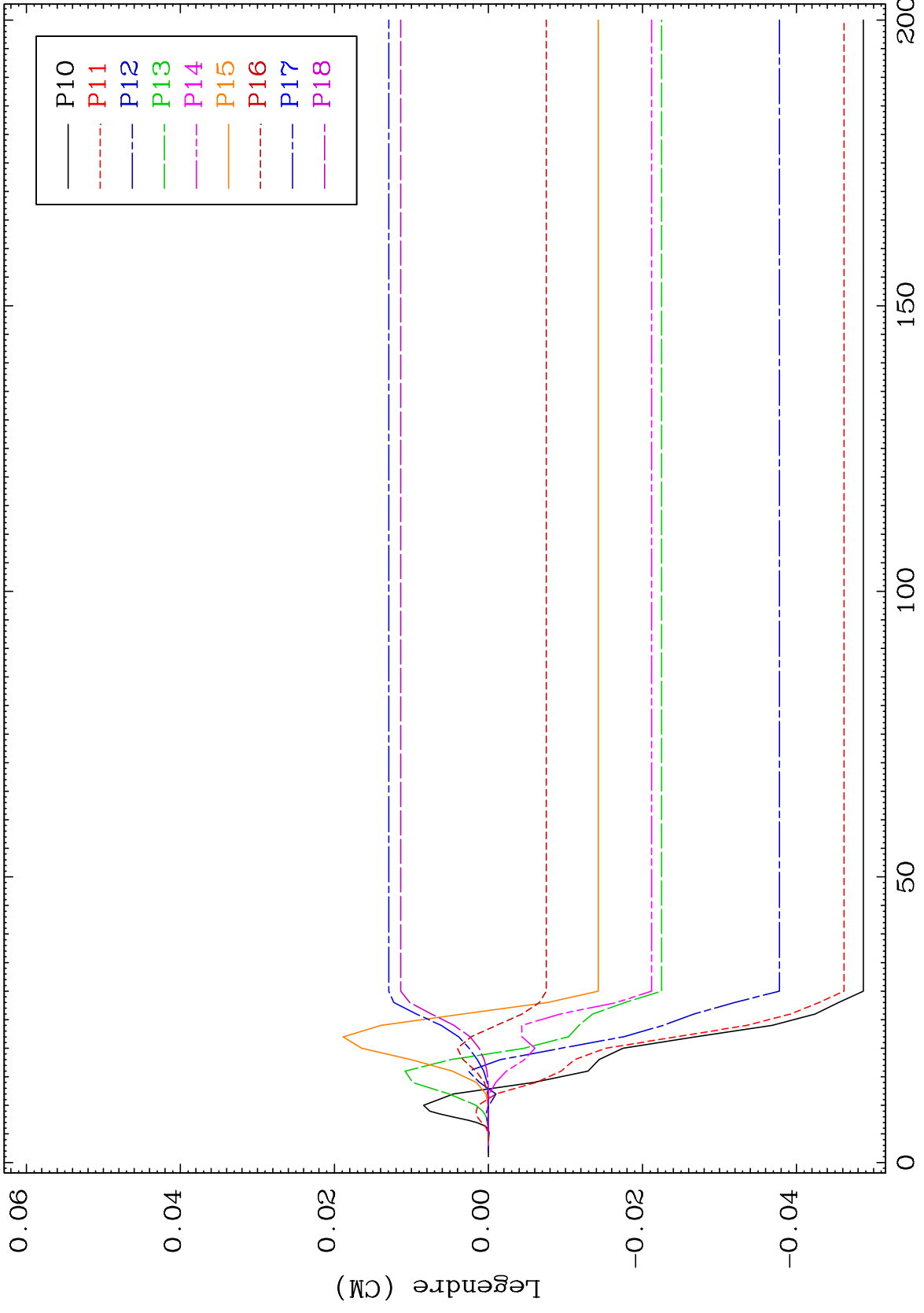
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



35

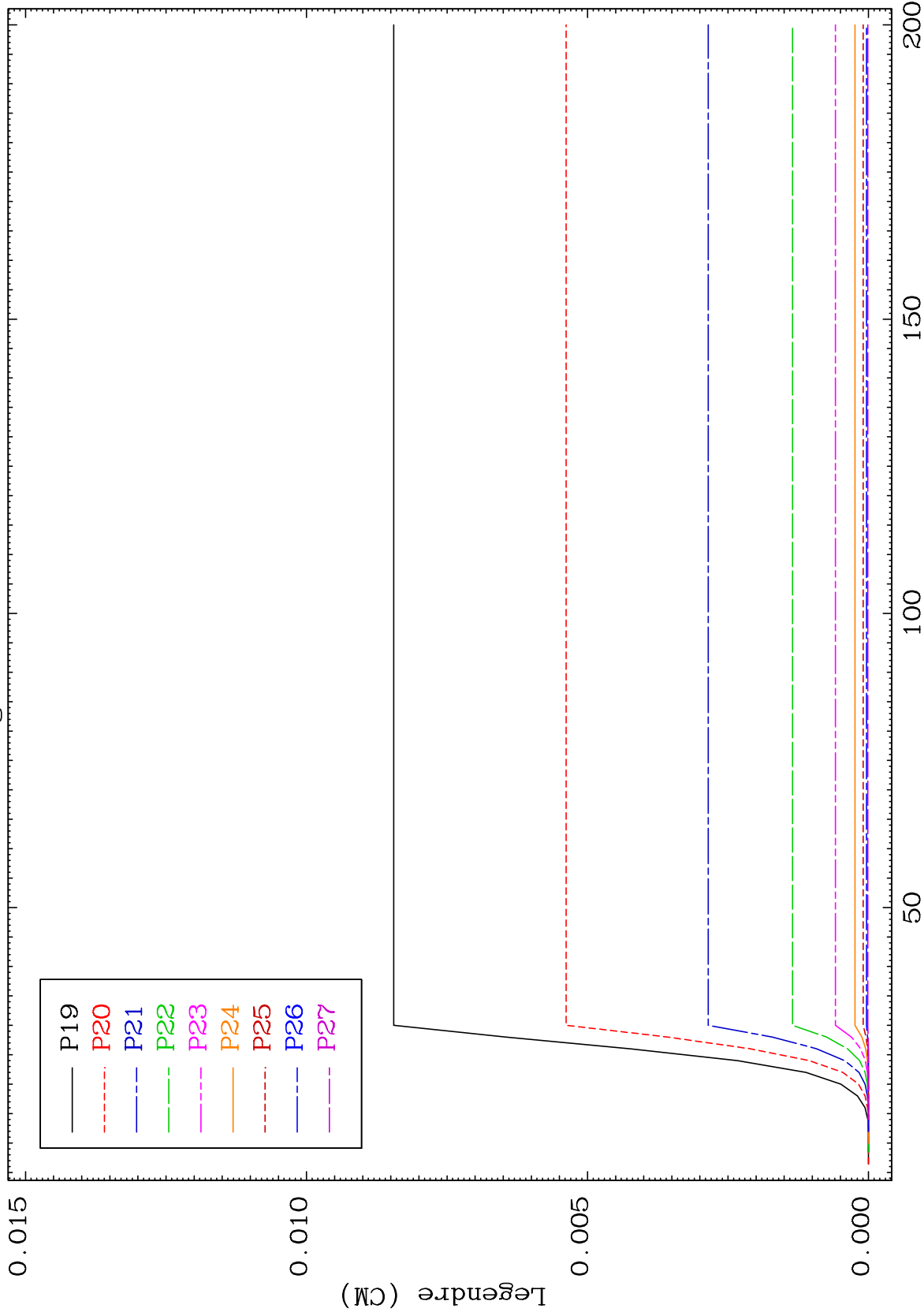
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



36

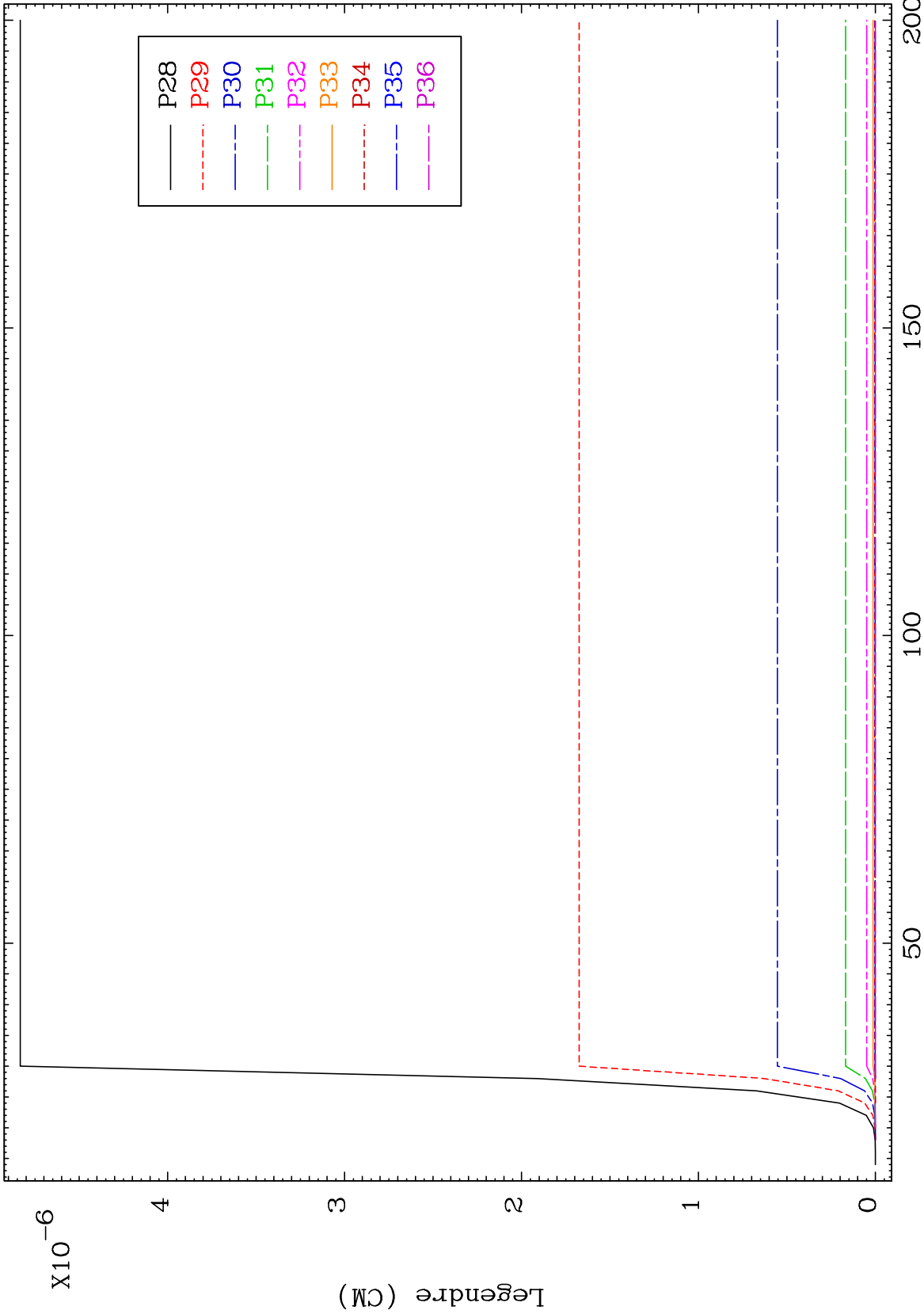
Incident Energy (MeV)

54-Xe-129

MAT 5440

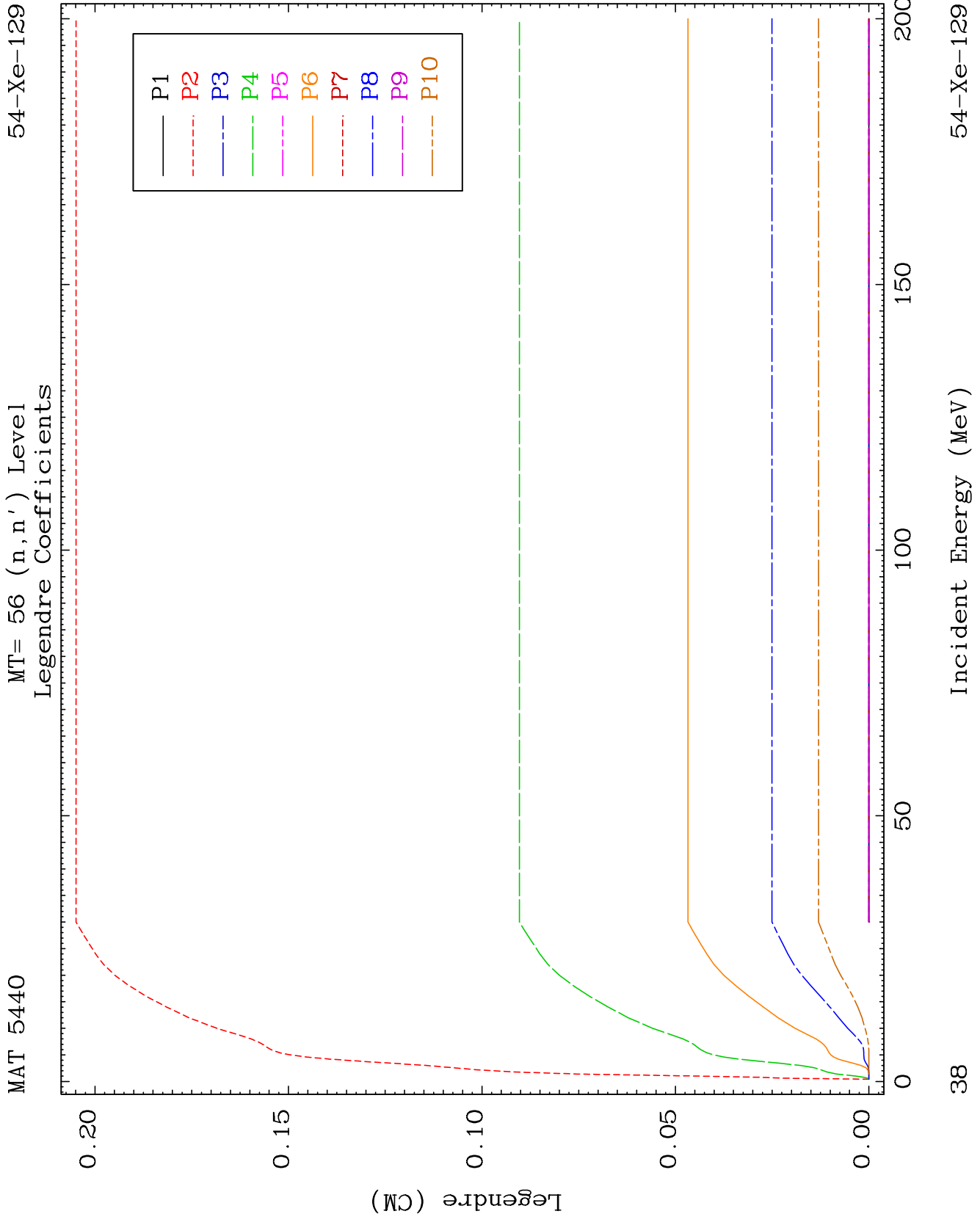
MT= 55 (n,n') Level
Legendre Coefficients

54-Xe-129

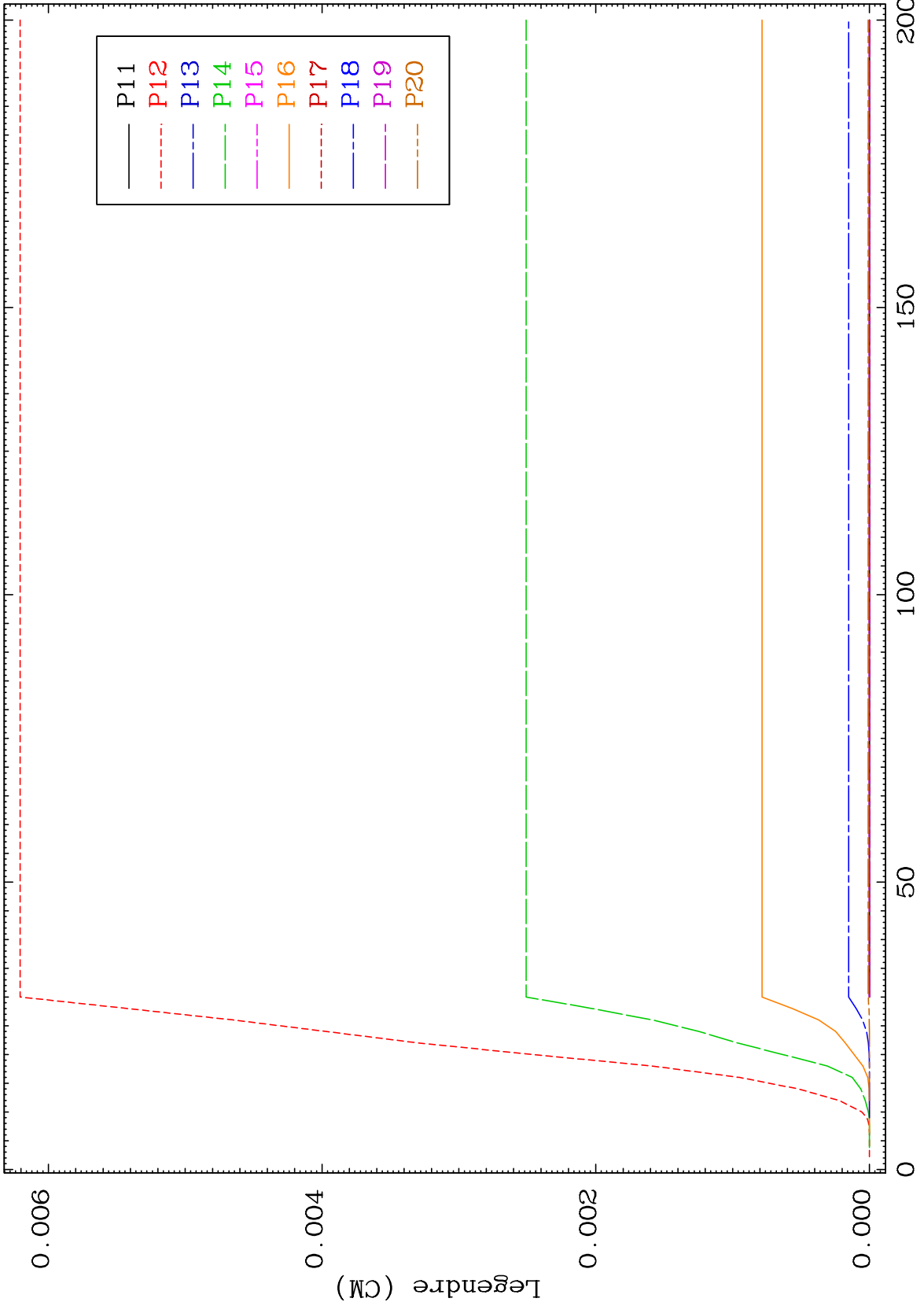


37

54-Xe-129



MAT 5440 MT= 56 (n,n') Level Legendre Coefficients 54-Xe-129

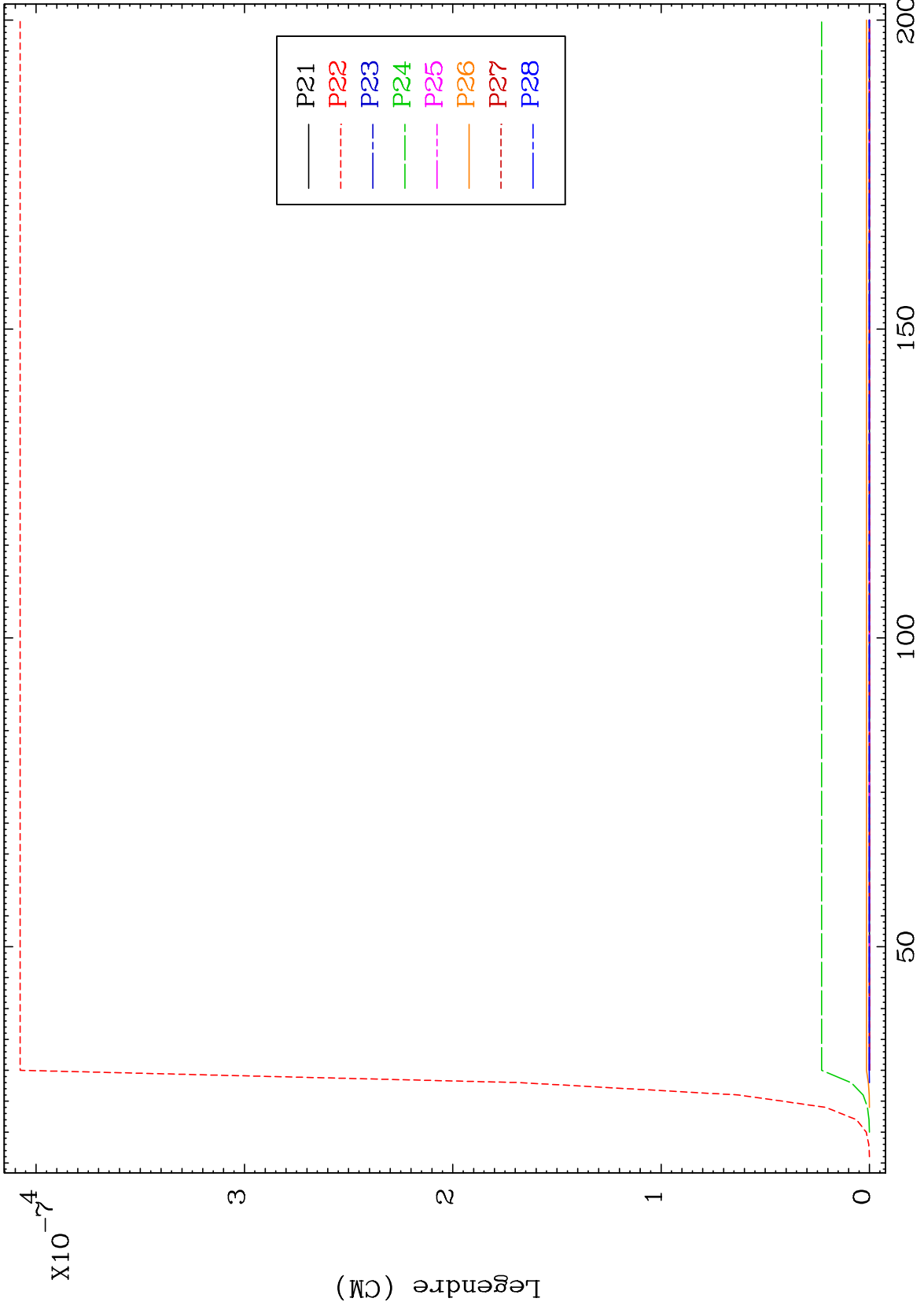


39 54-Xe-129

MAT 5440

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

54-Xe-129



40

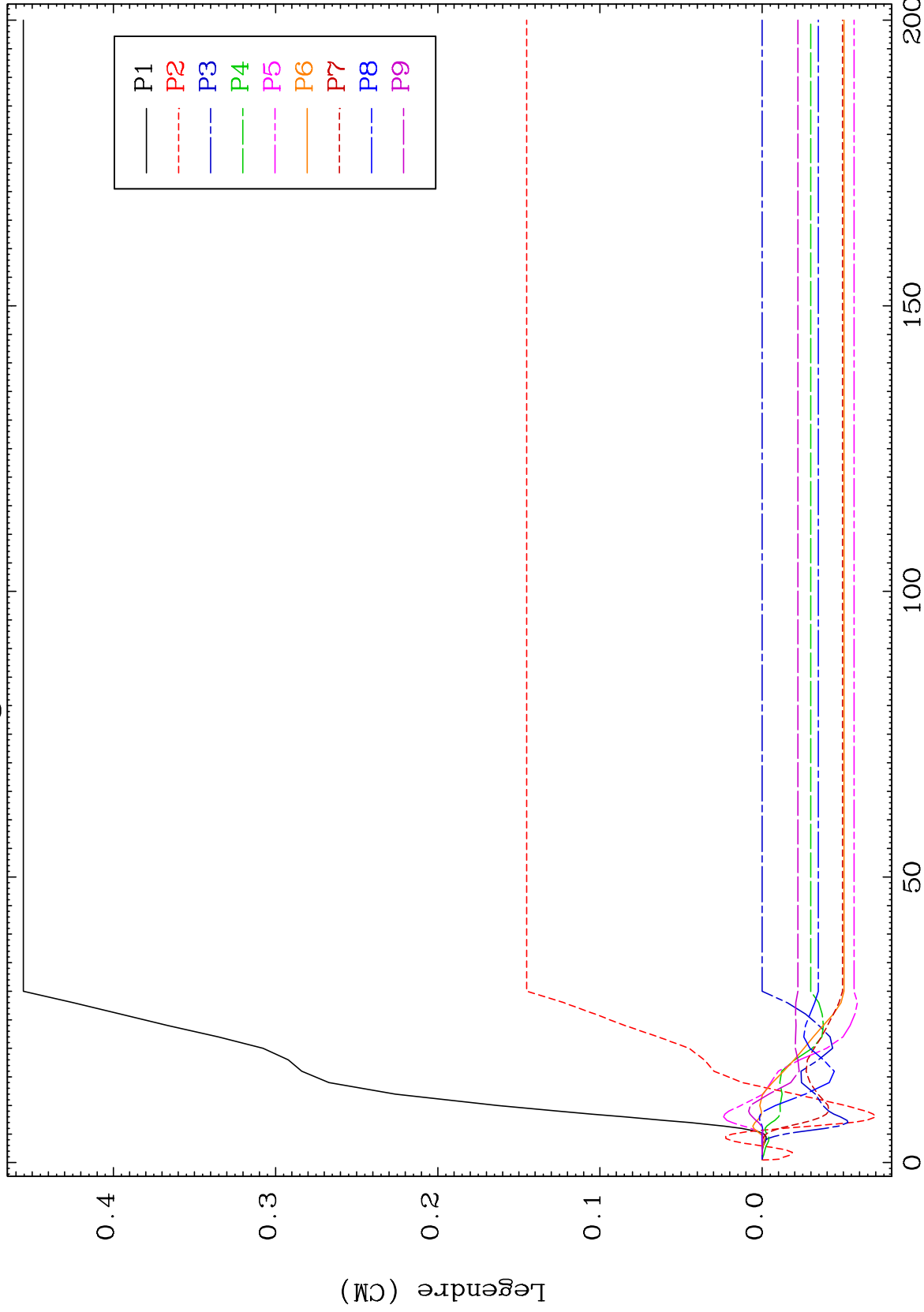
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



41

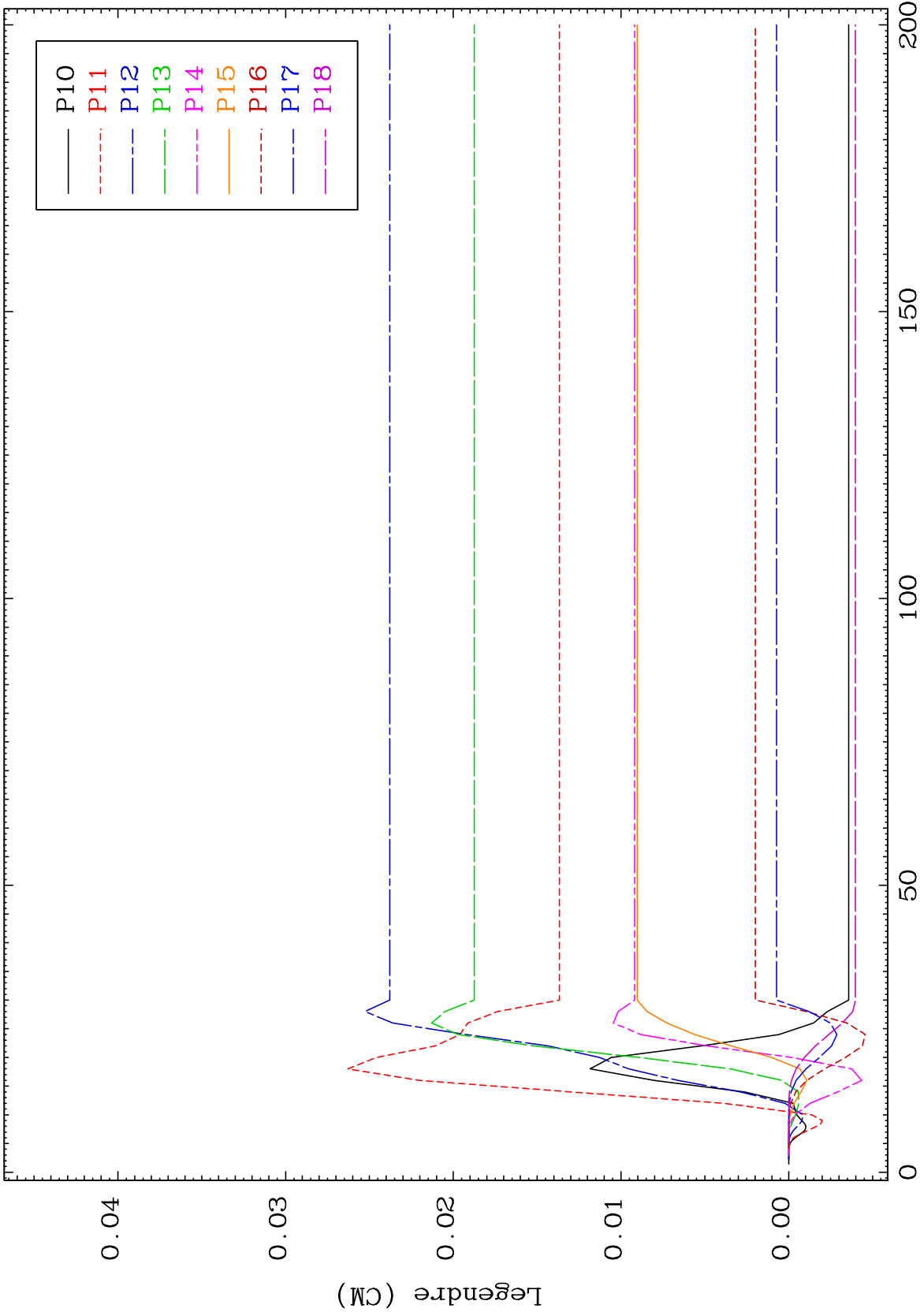
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



42

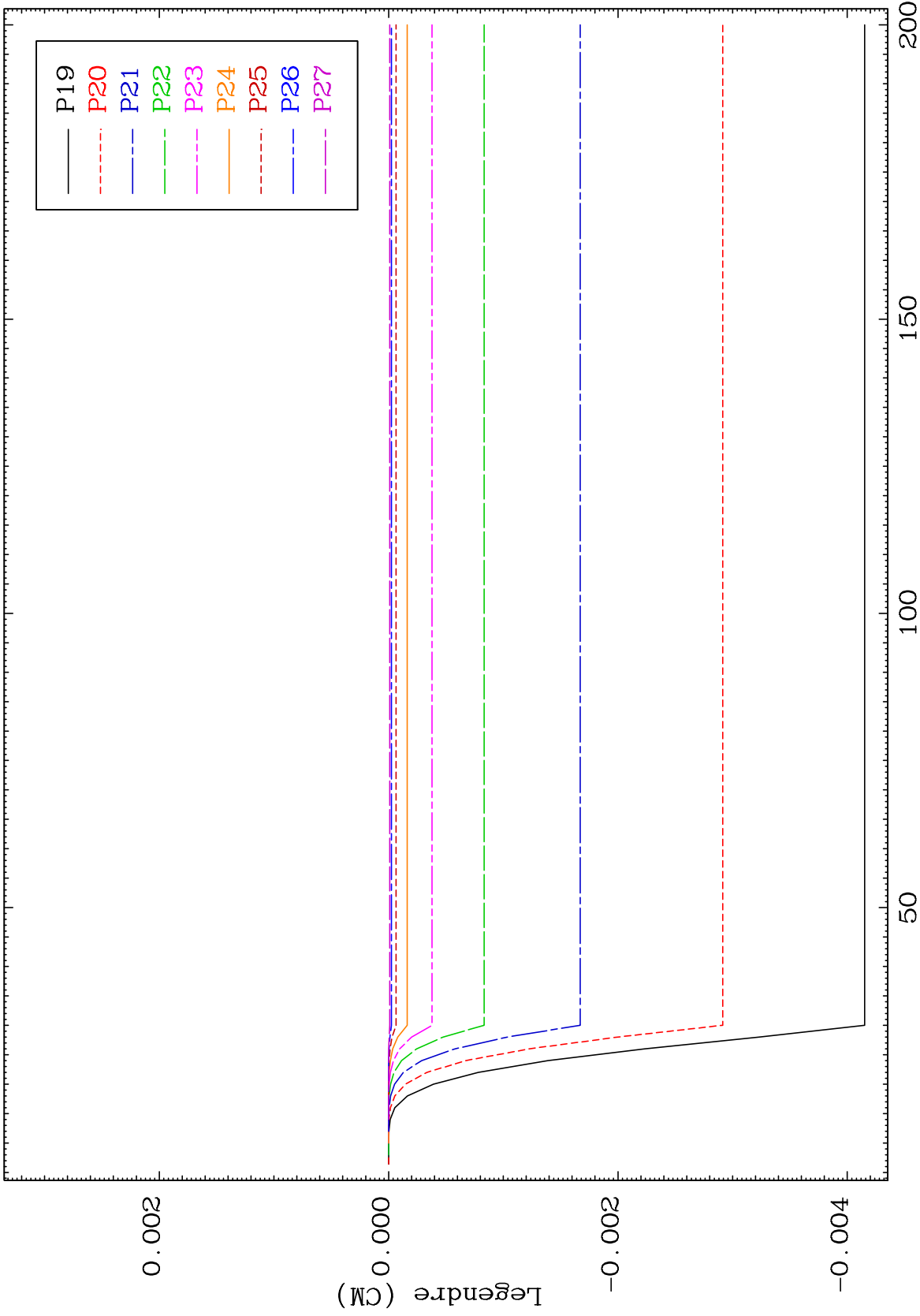
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129

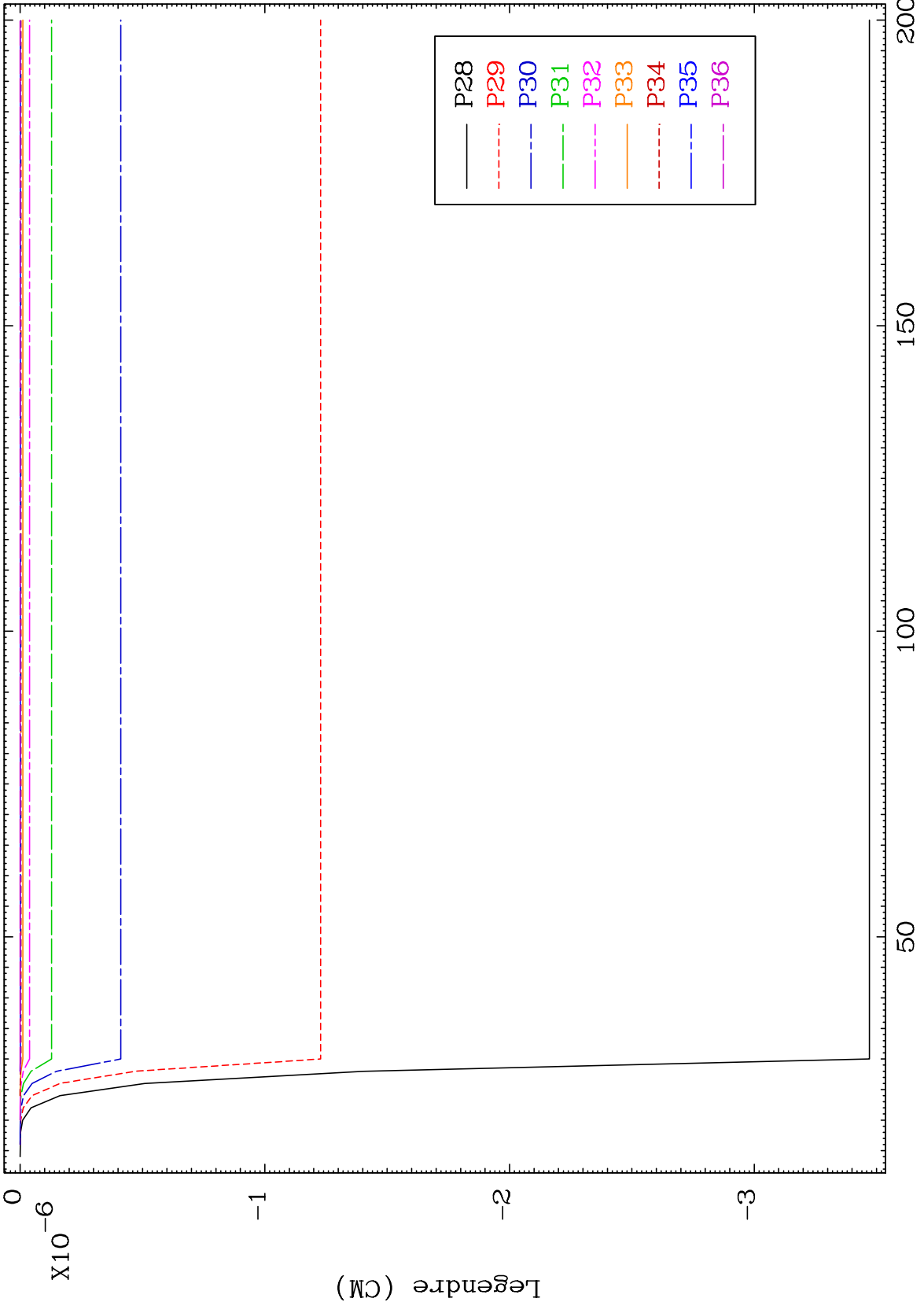


43

Incident Energy (MeV)

54-Xe-129

MAT 5440 MT= 57 (n,n') Level Legendre Coefficients 54-Xe-129

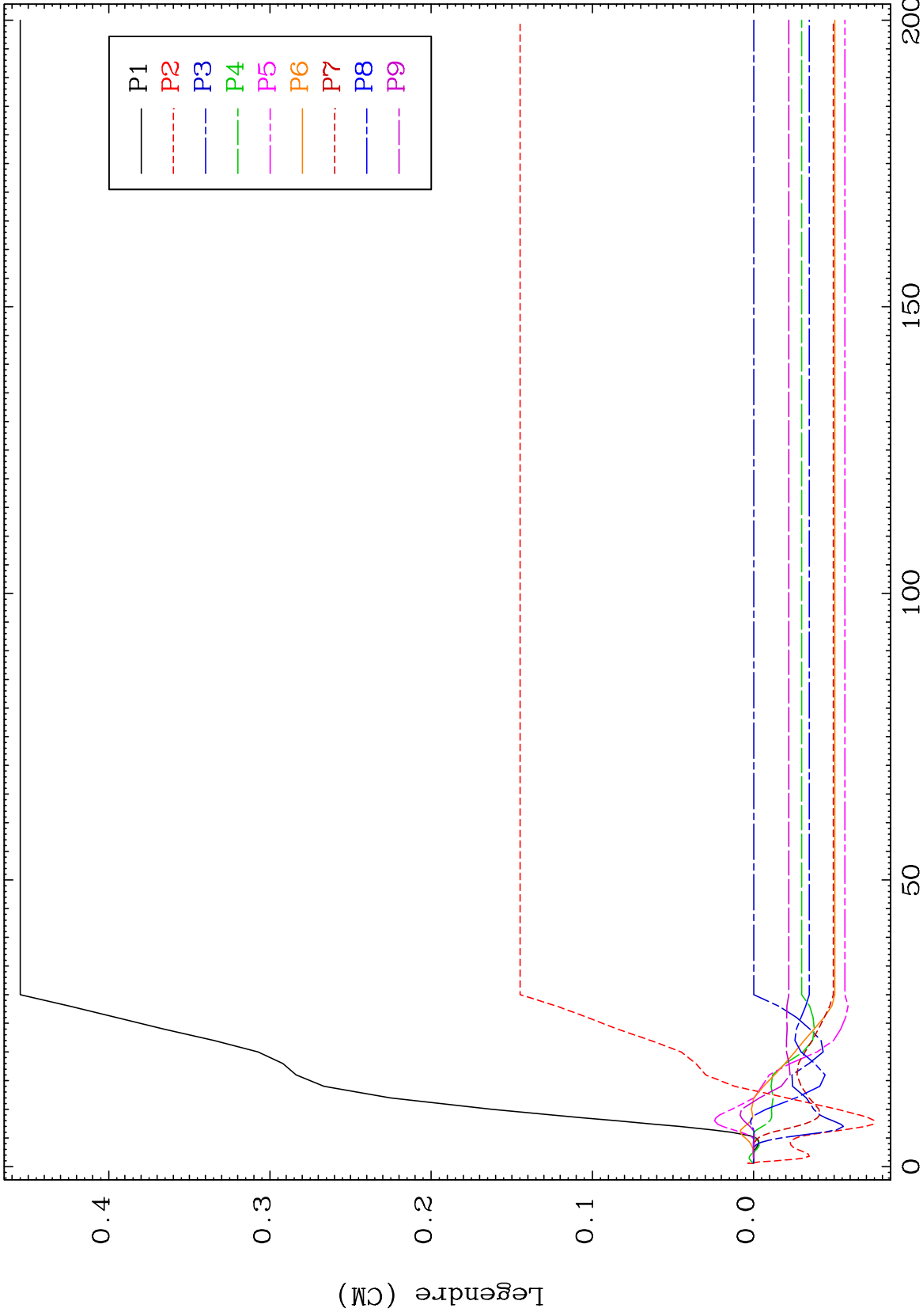


44 54-Xe-129

MAT 5440

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

54-Xe-129



45

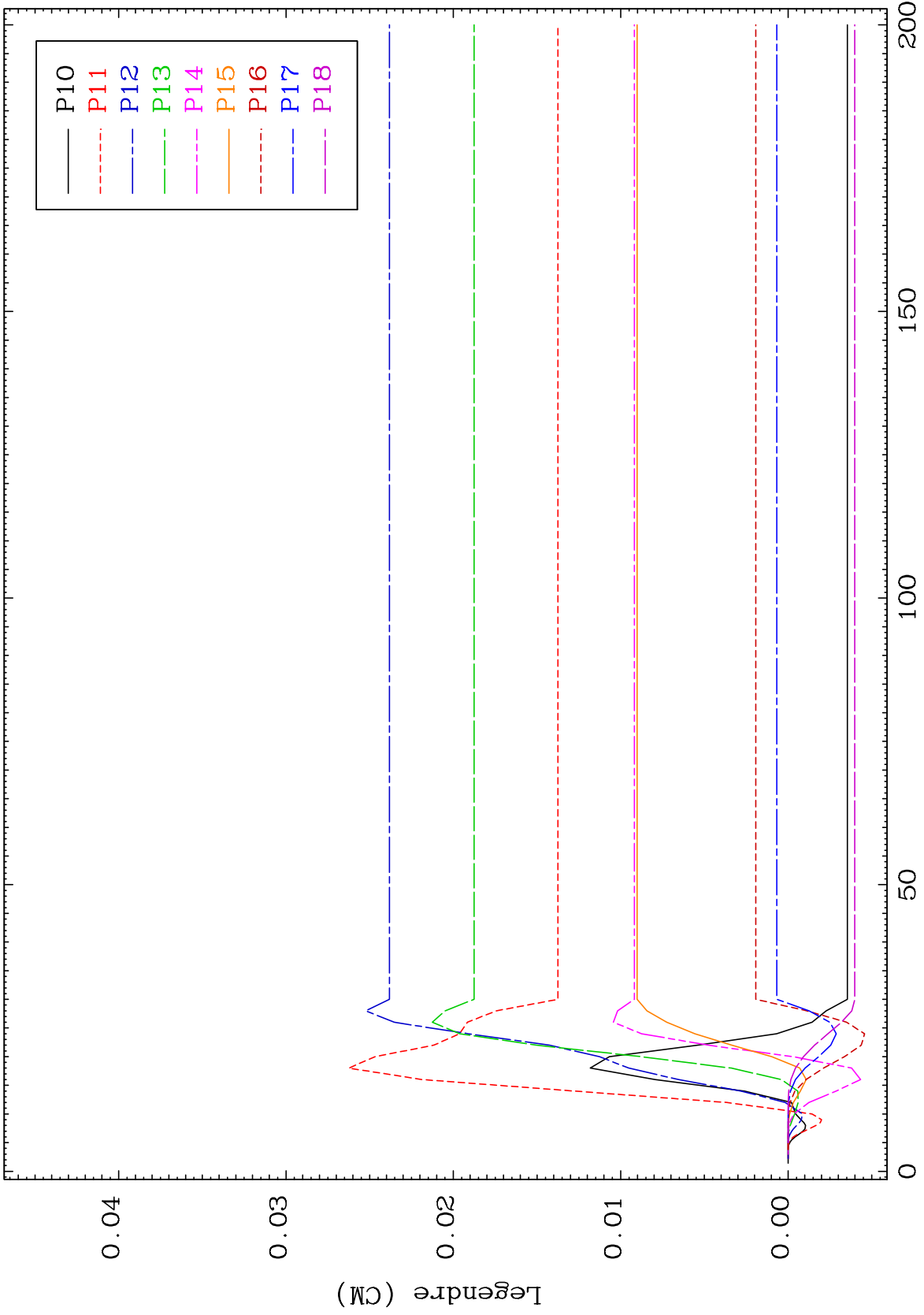
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



46

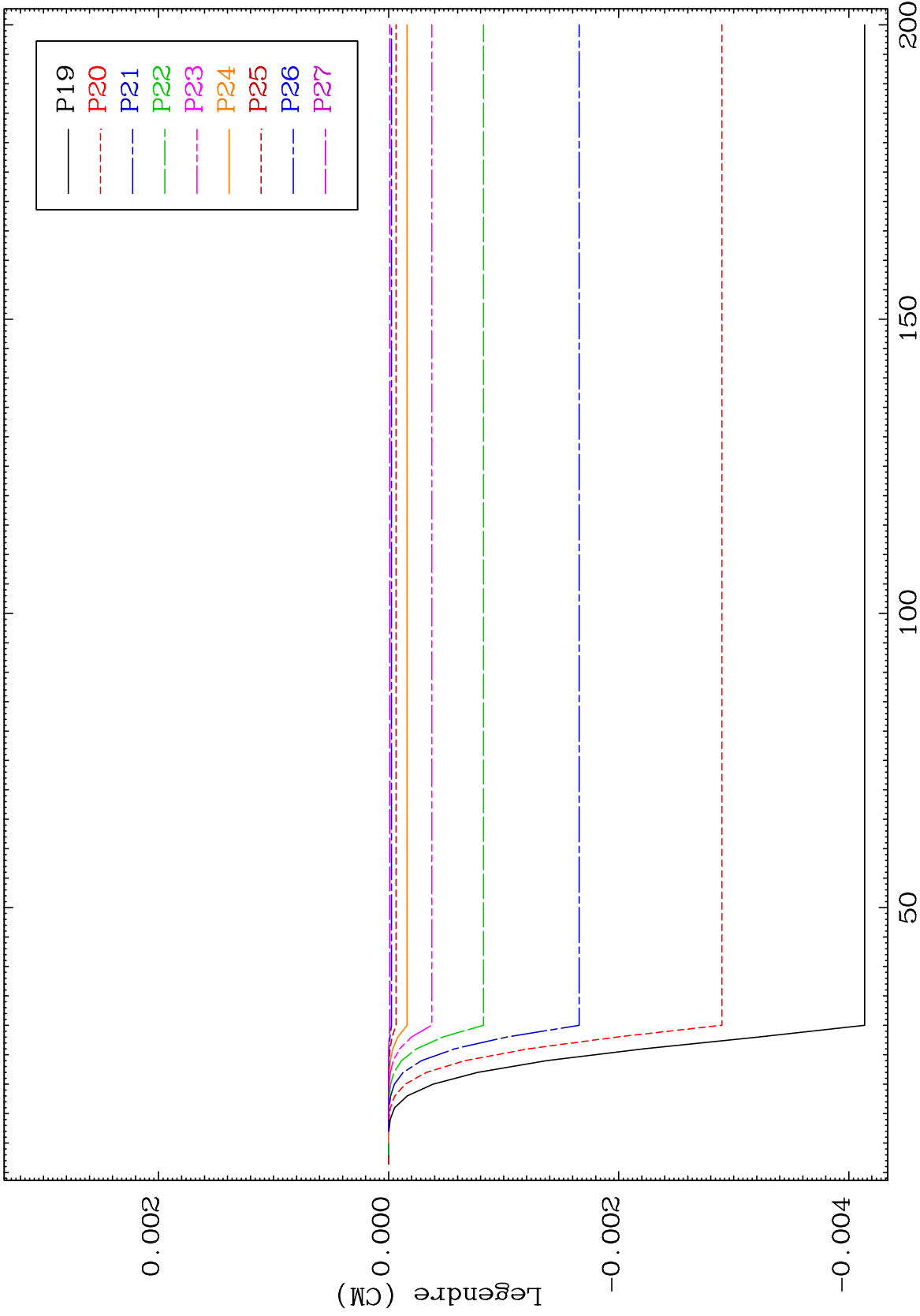
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



47

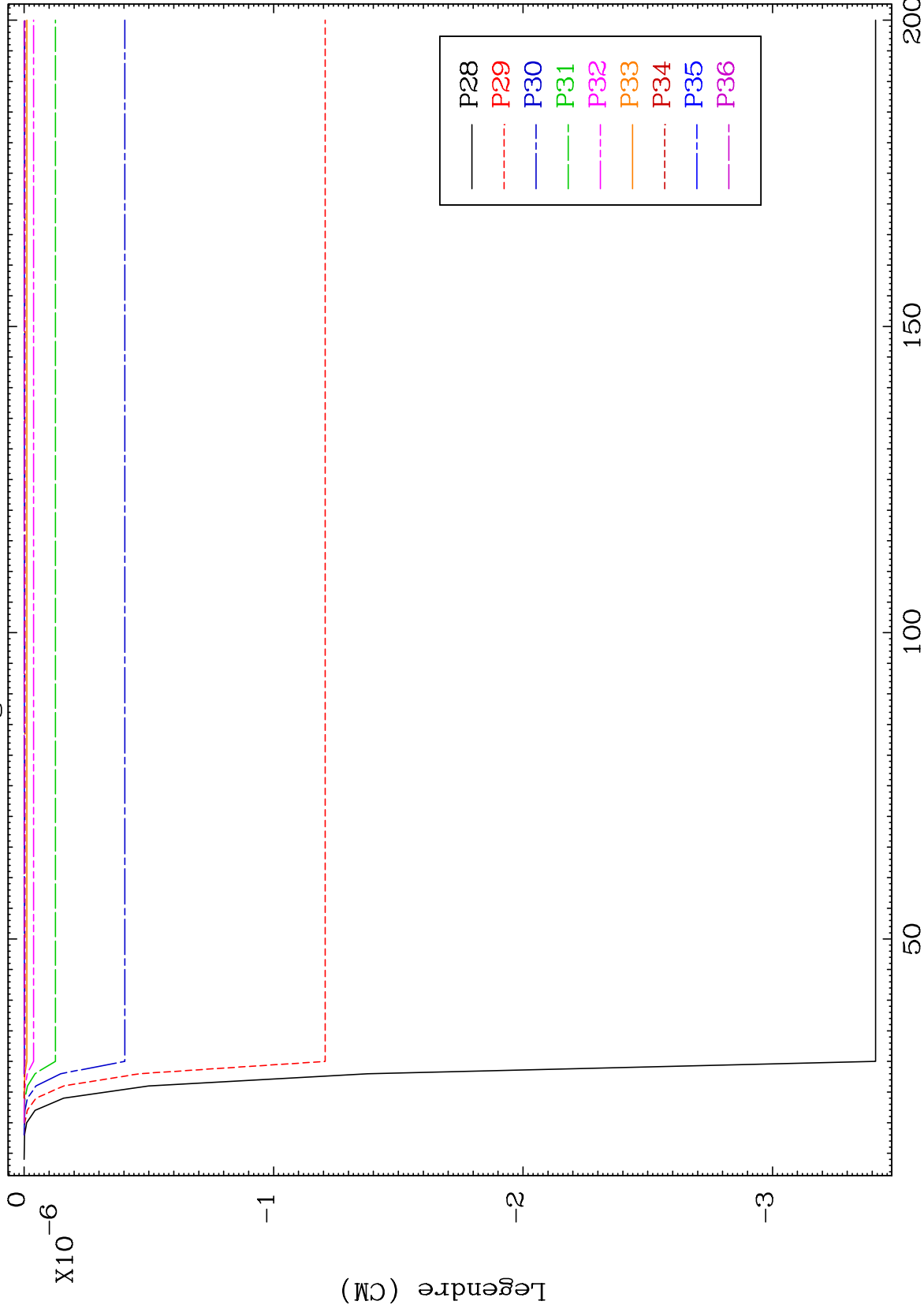
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



54-Xe-129

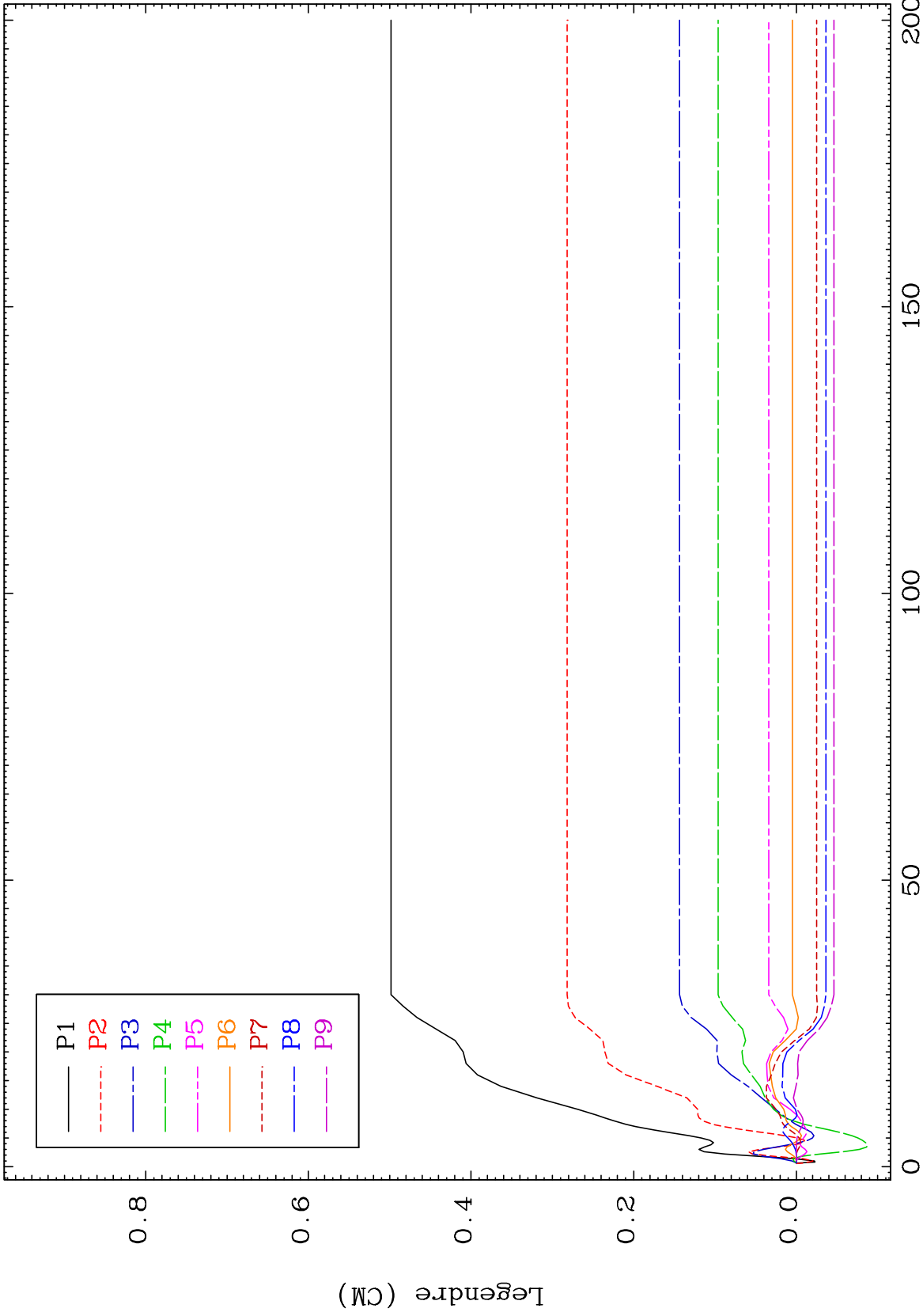
Incident Energy (MeV)

48

MAT 5440

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

54-Xe-129



49

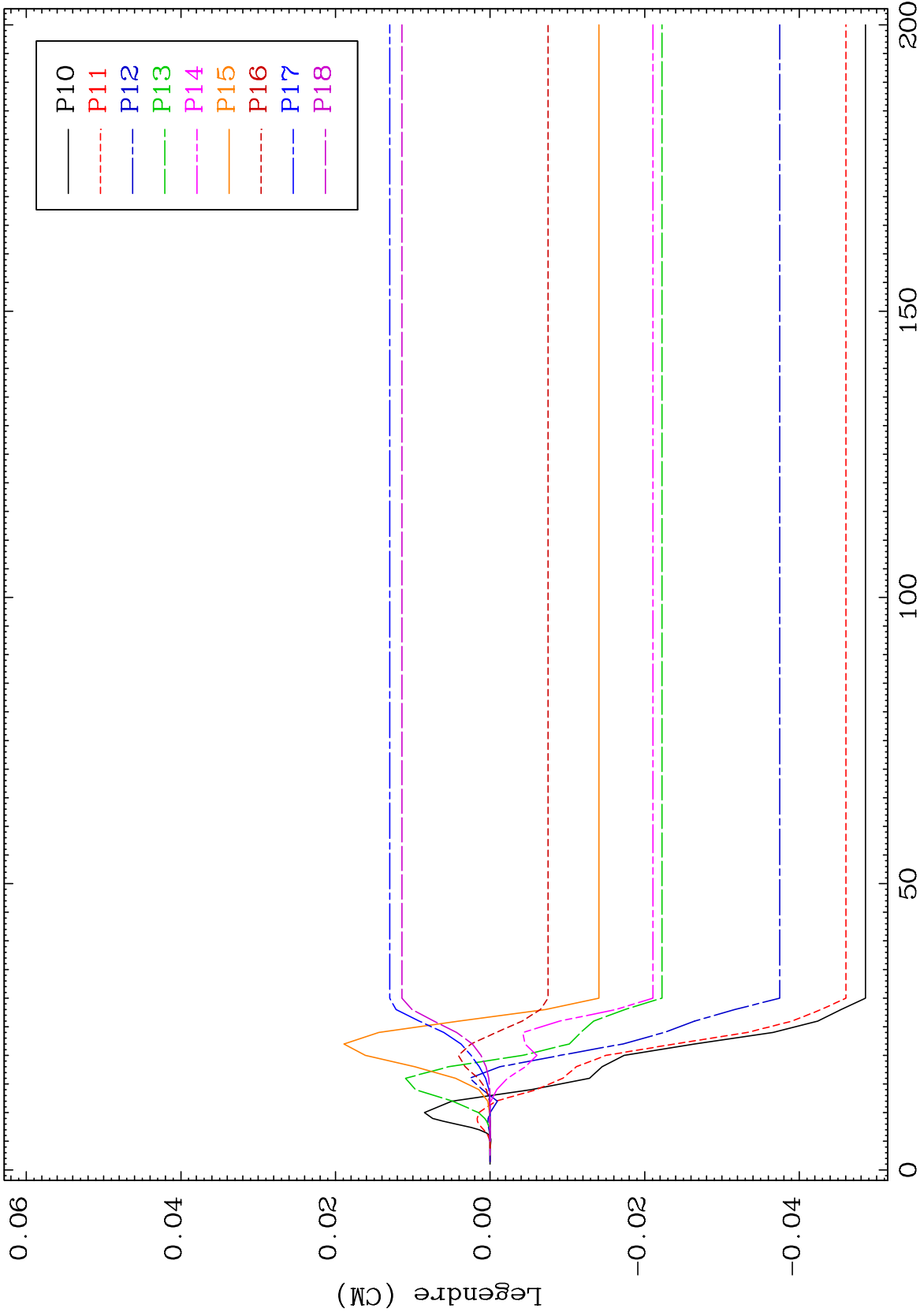
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



54-Xe-129

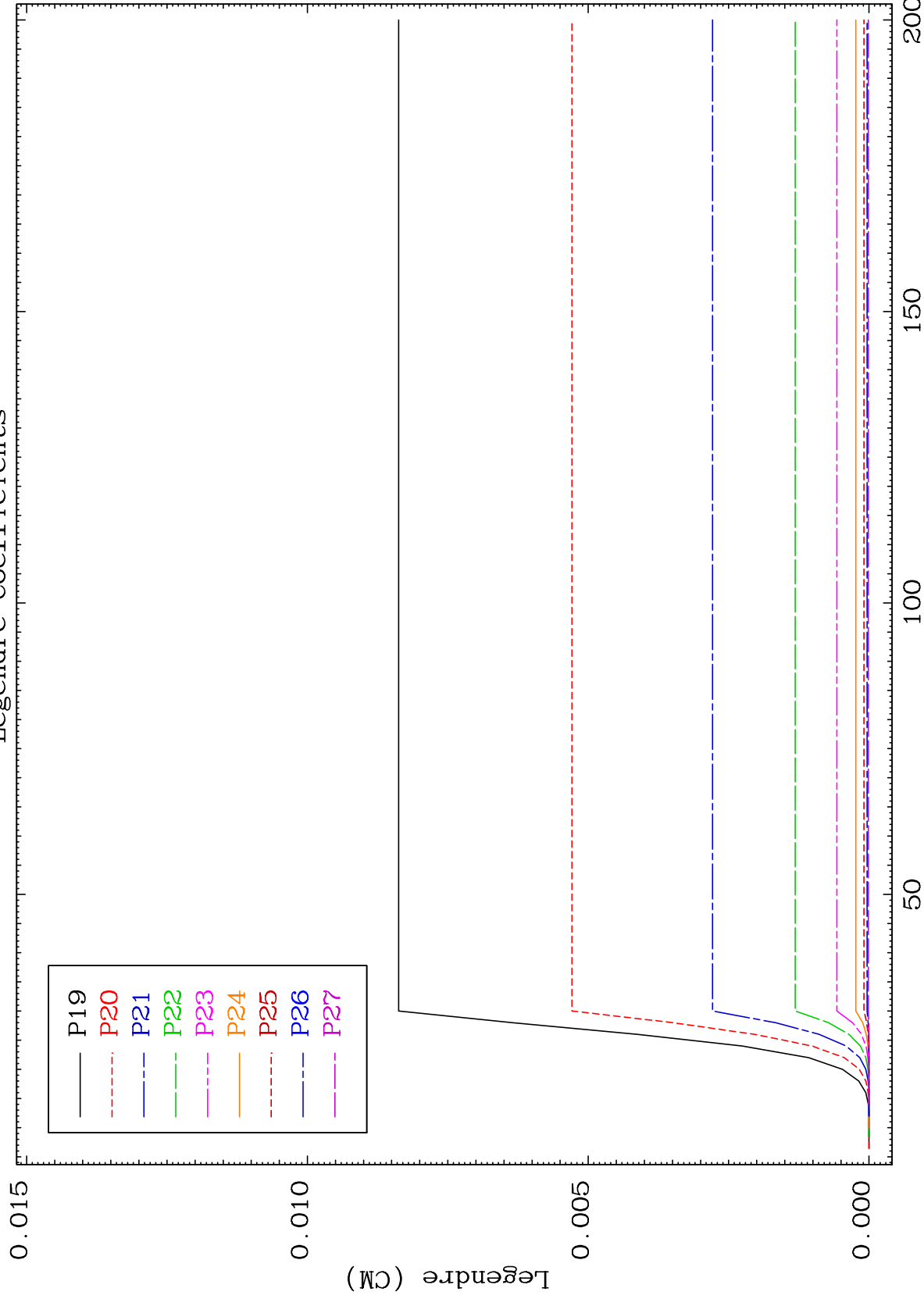
Incident Energy (MeV)

50

MAT 5440

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

54-Xe-129



51

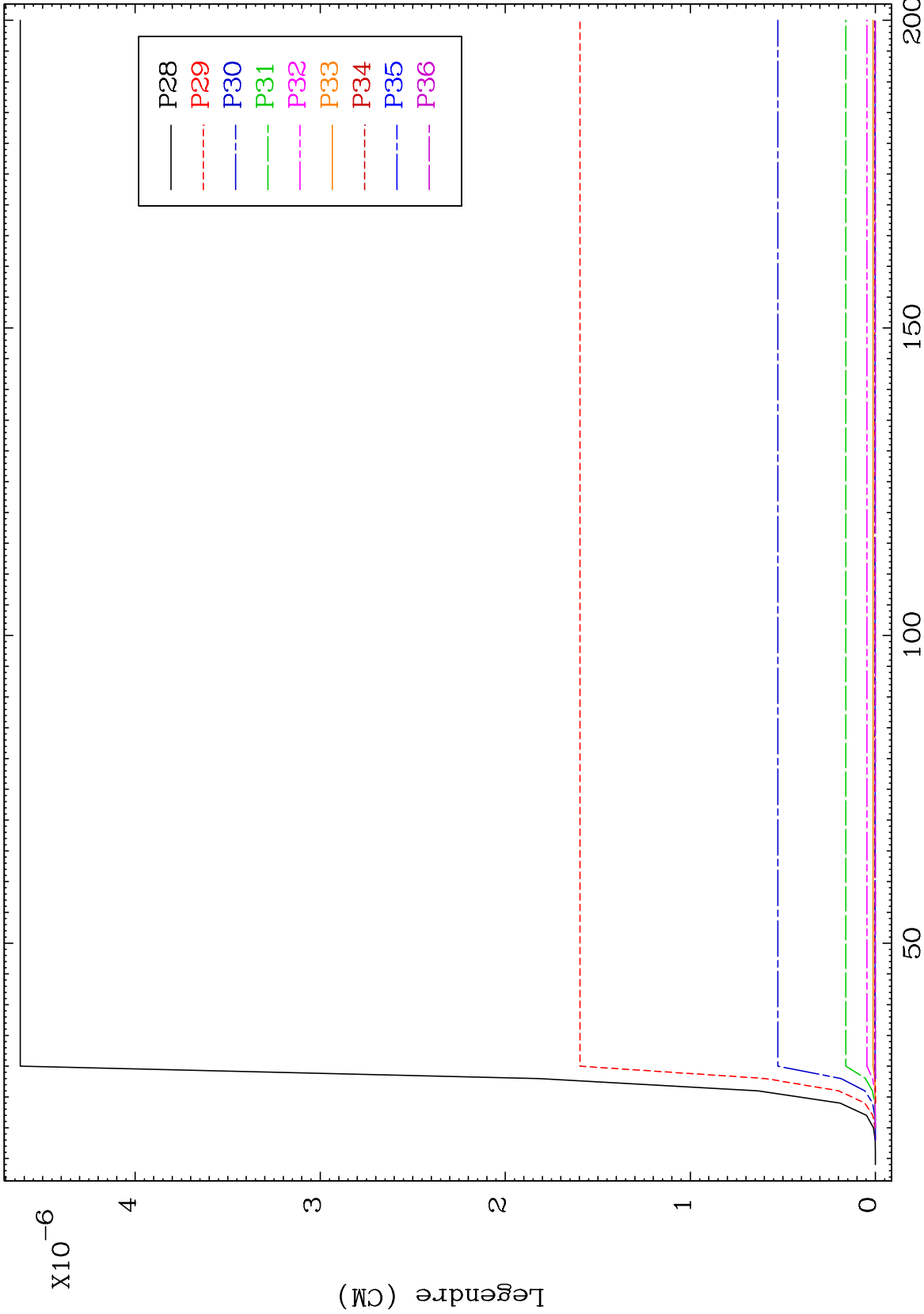
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129

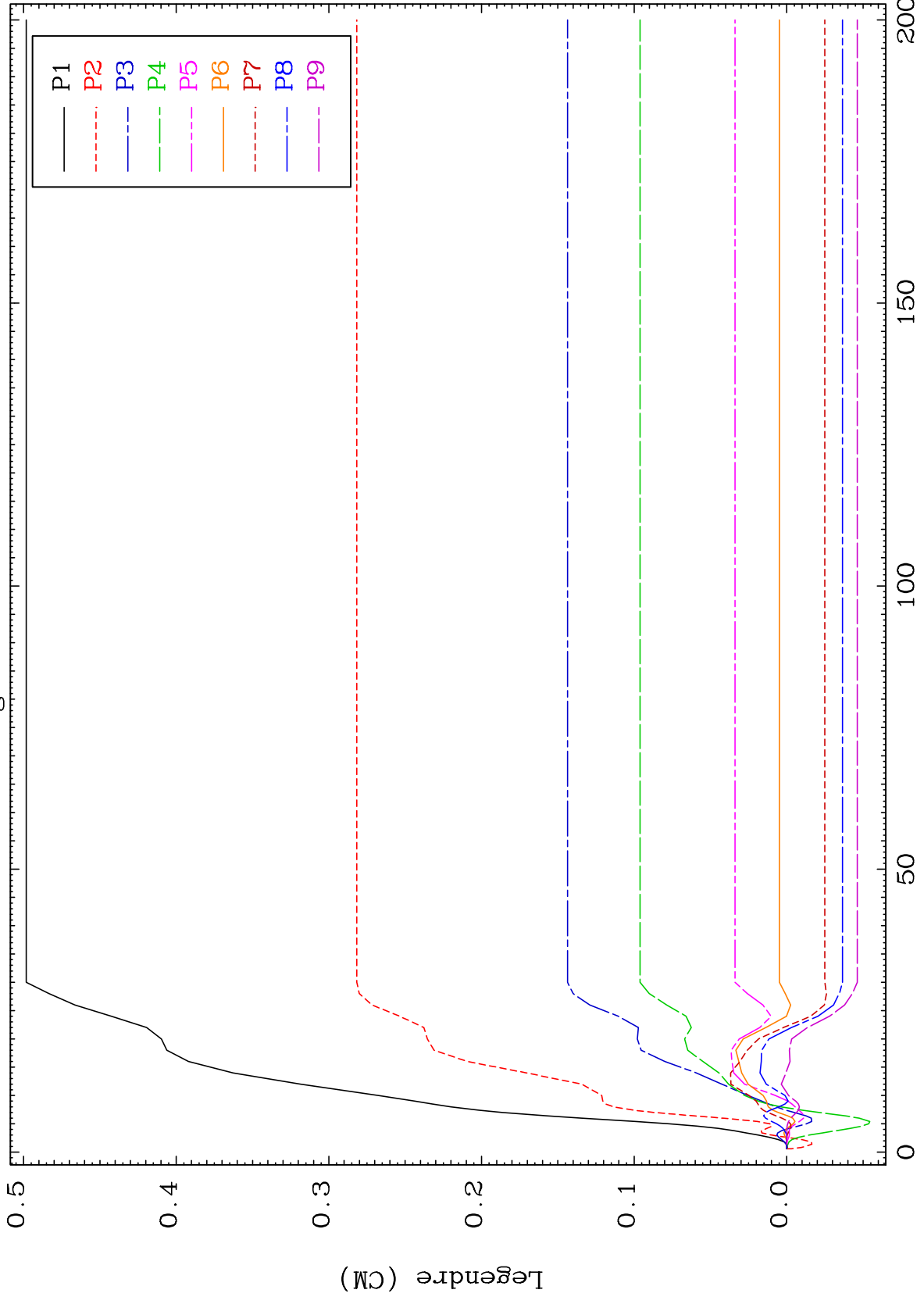


52

Incident Energy (MeV)

54-Xe-129

MAT 5440 MT= 60 (n,n') Level Legendre Coefficients 54-Xe-129

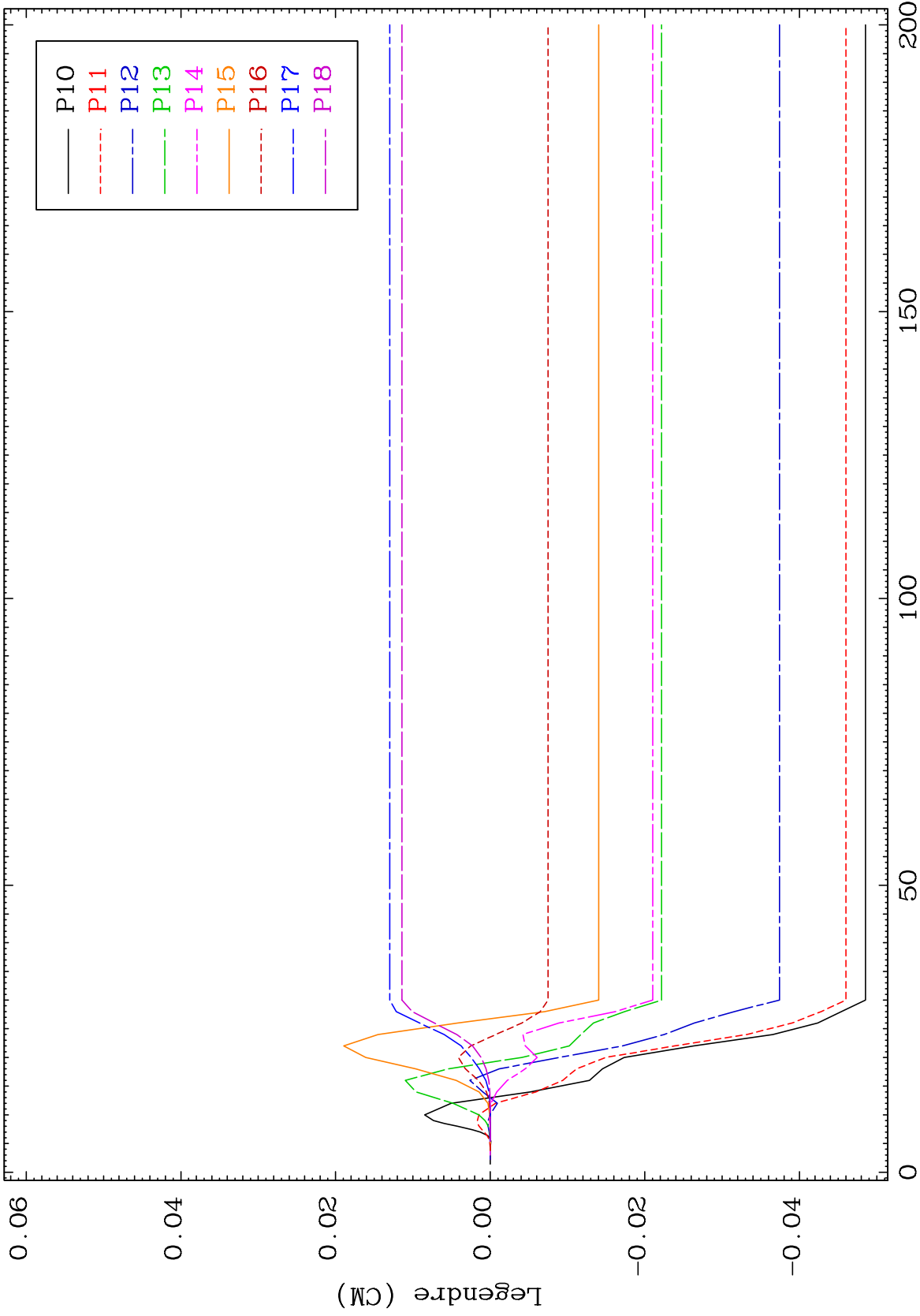


53 54-Xe-129

MAT 5440

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

54-Xe-129



54

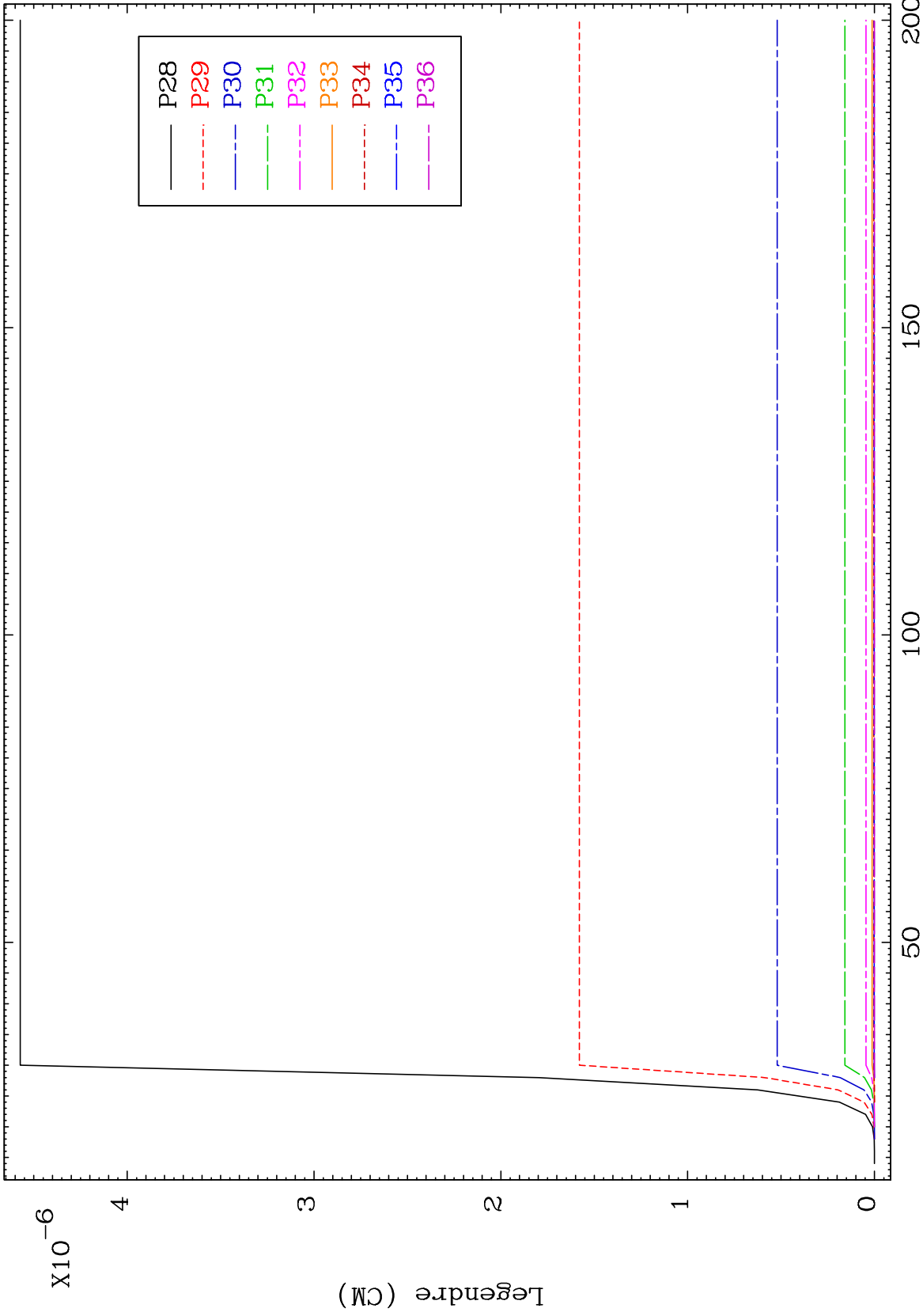
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



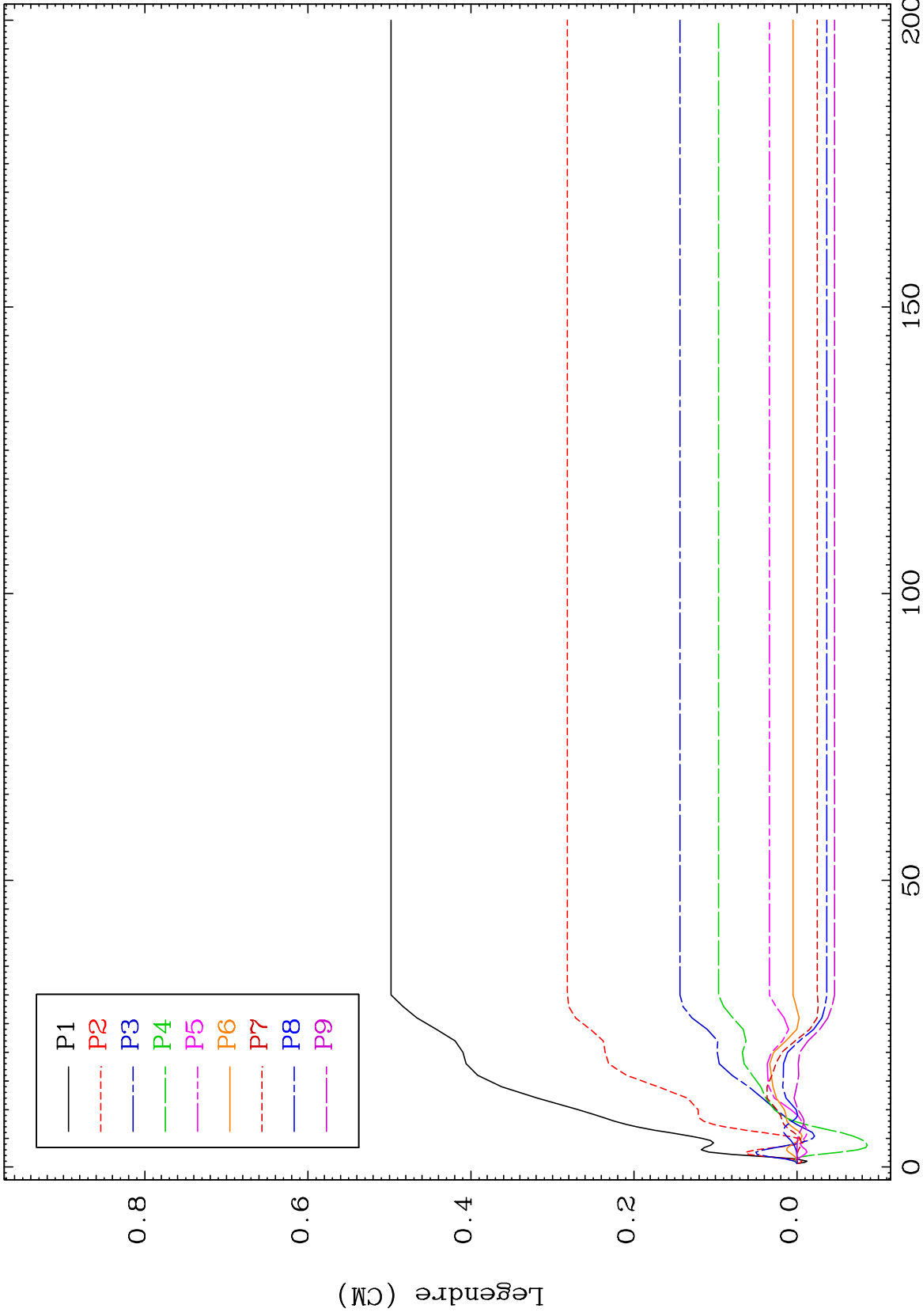
56

54-Xe-129

MAT 5440

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

54-Xe-129



57

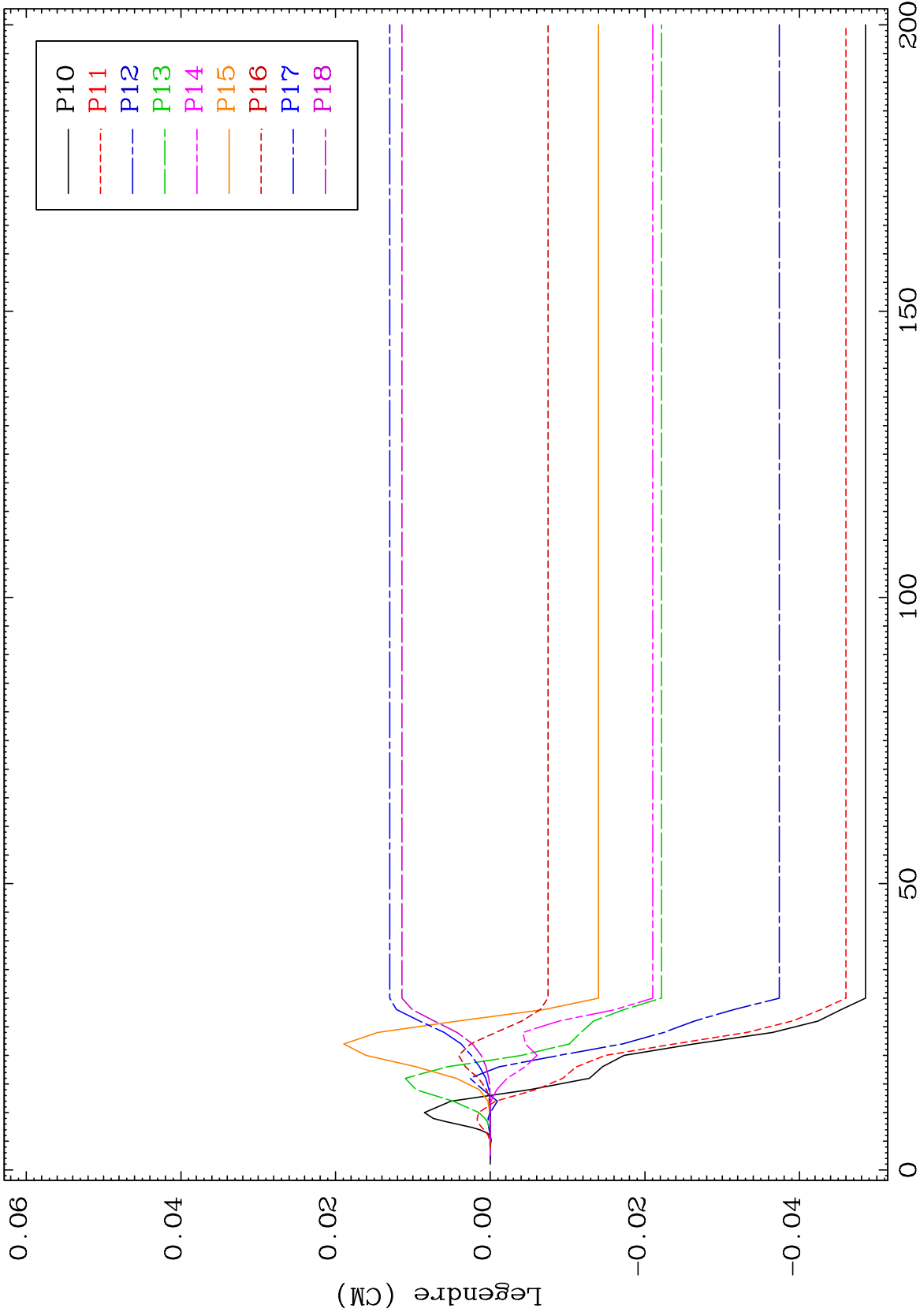
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129

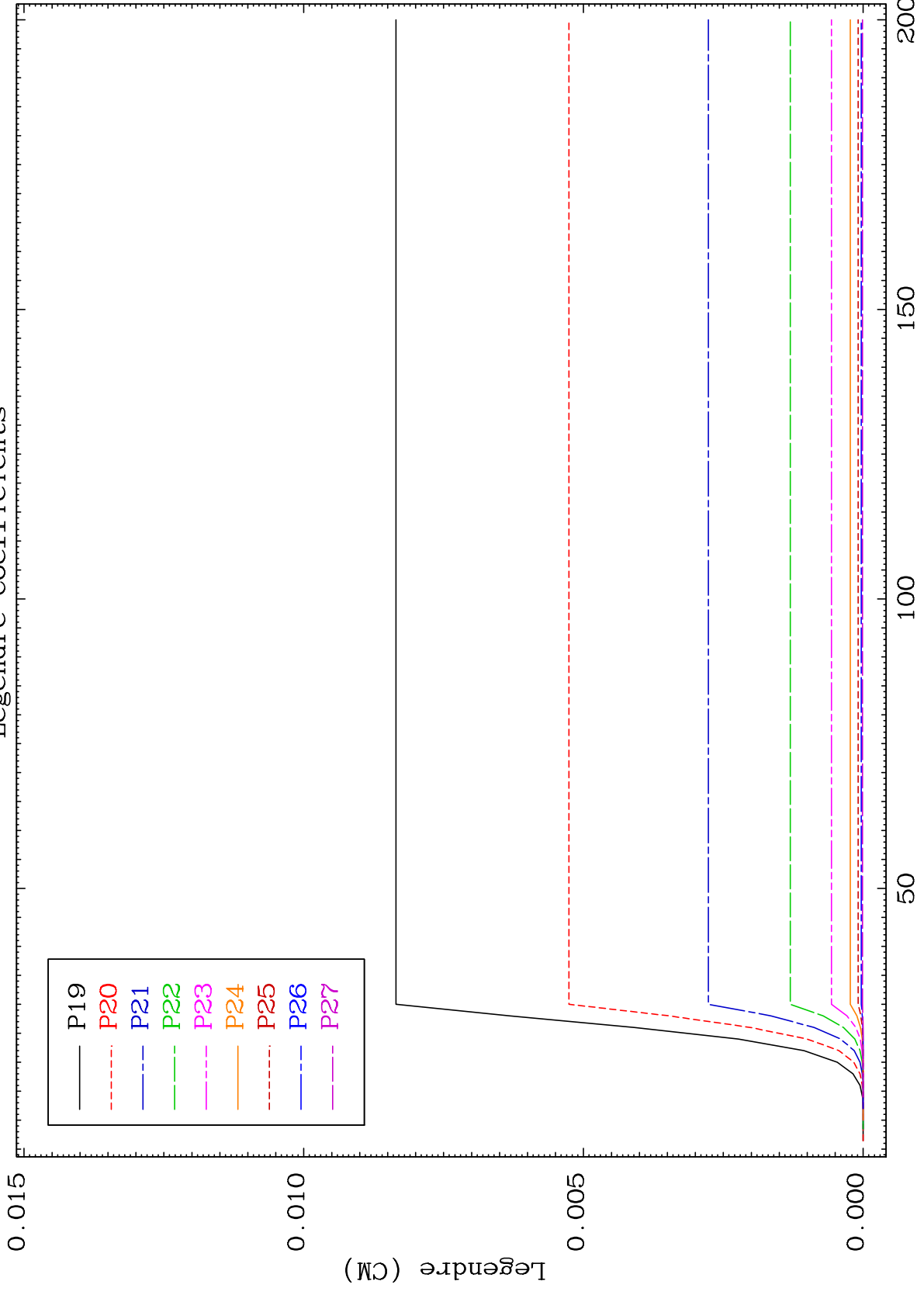


58

Incident Energy (MeV)

54-Xe-129

MAT 5440 MT= 61 (n,n') Level Legendre Coefficients 54-Xe-129



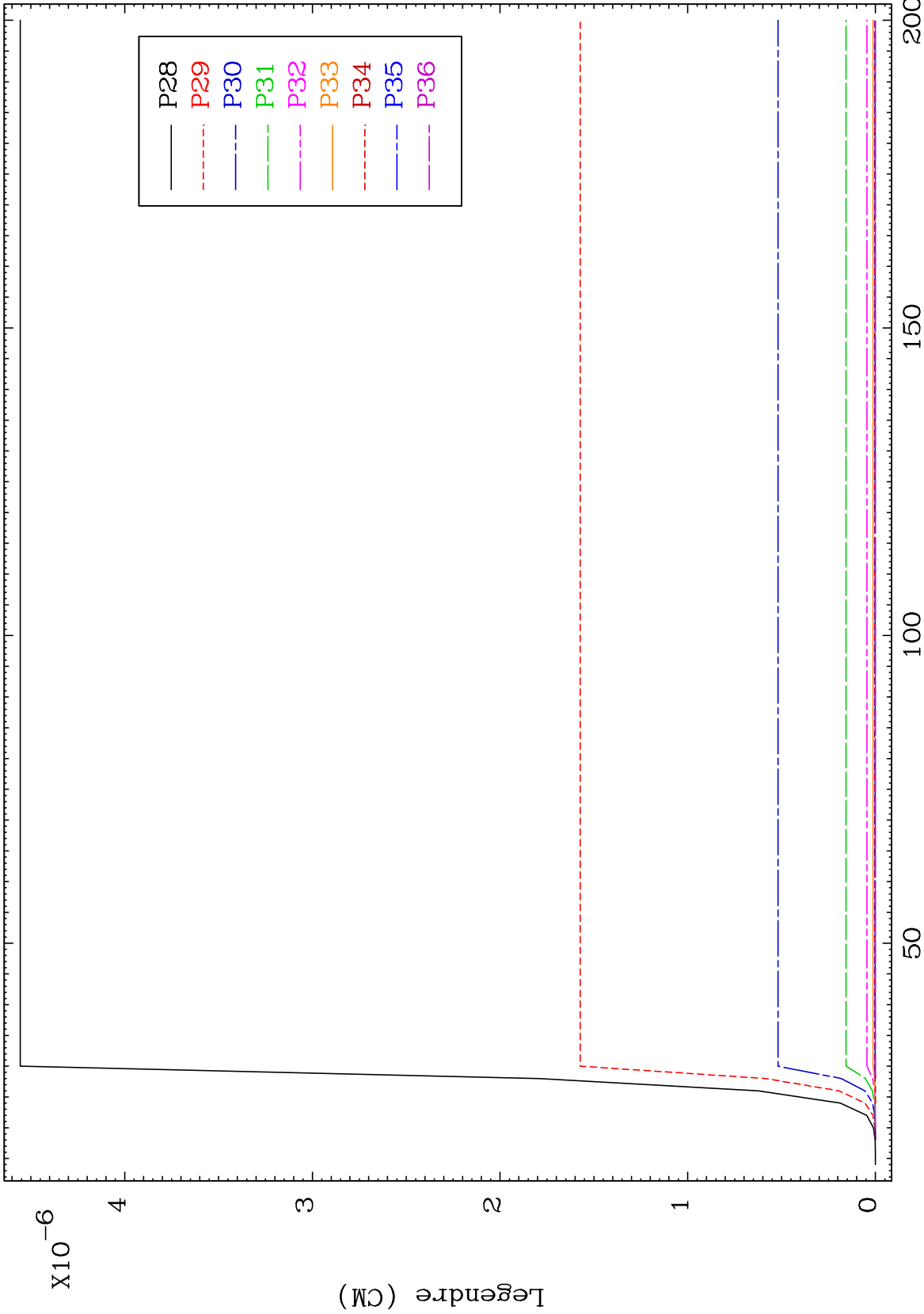
54-Xe-129

Incident Energy (MeV)

MAT 5440

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

54-Xe-129



60

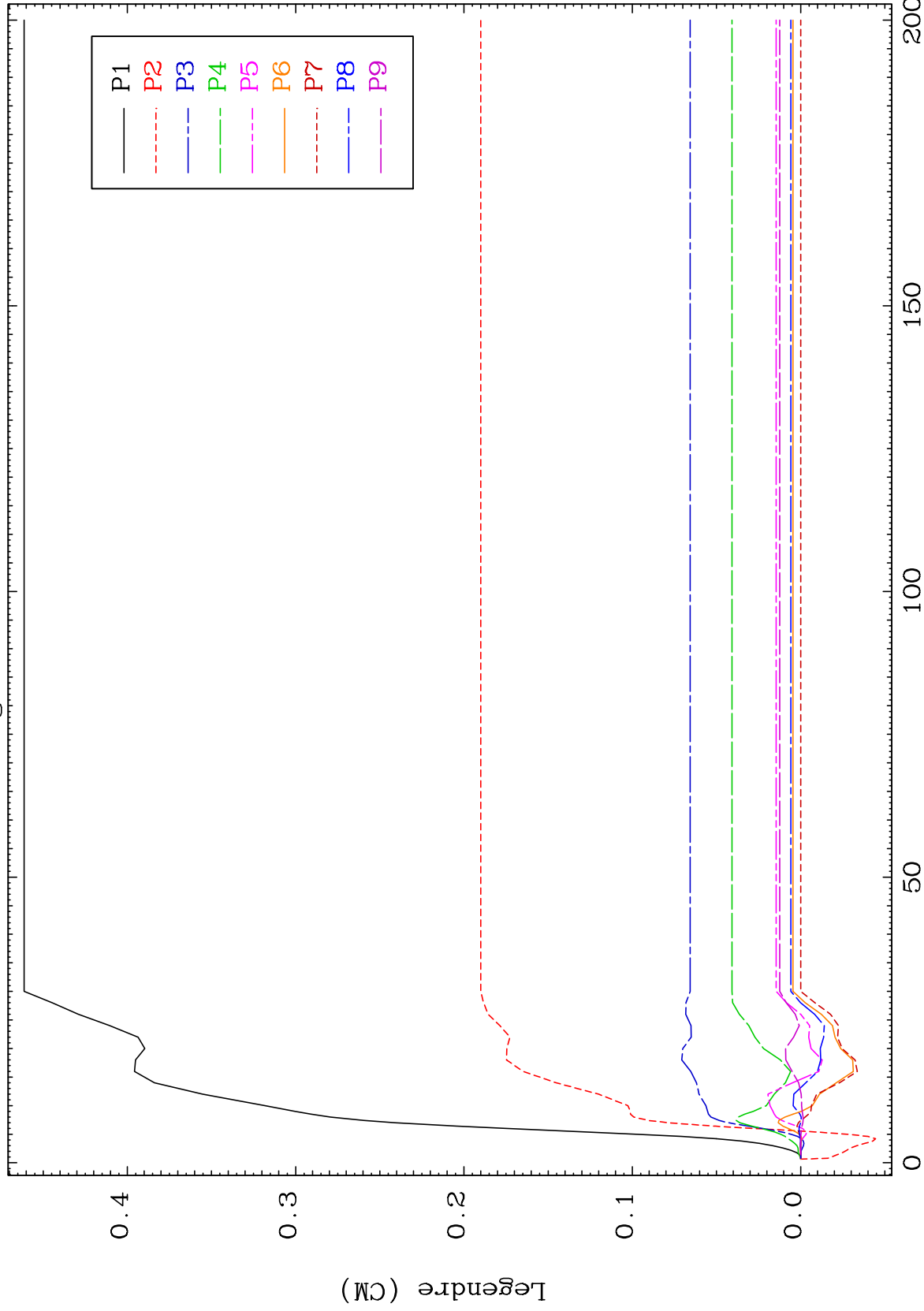
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



61

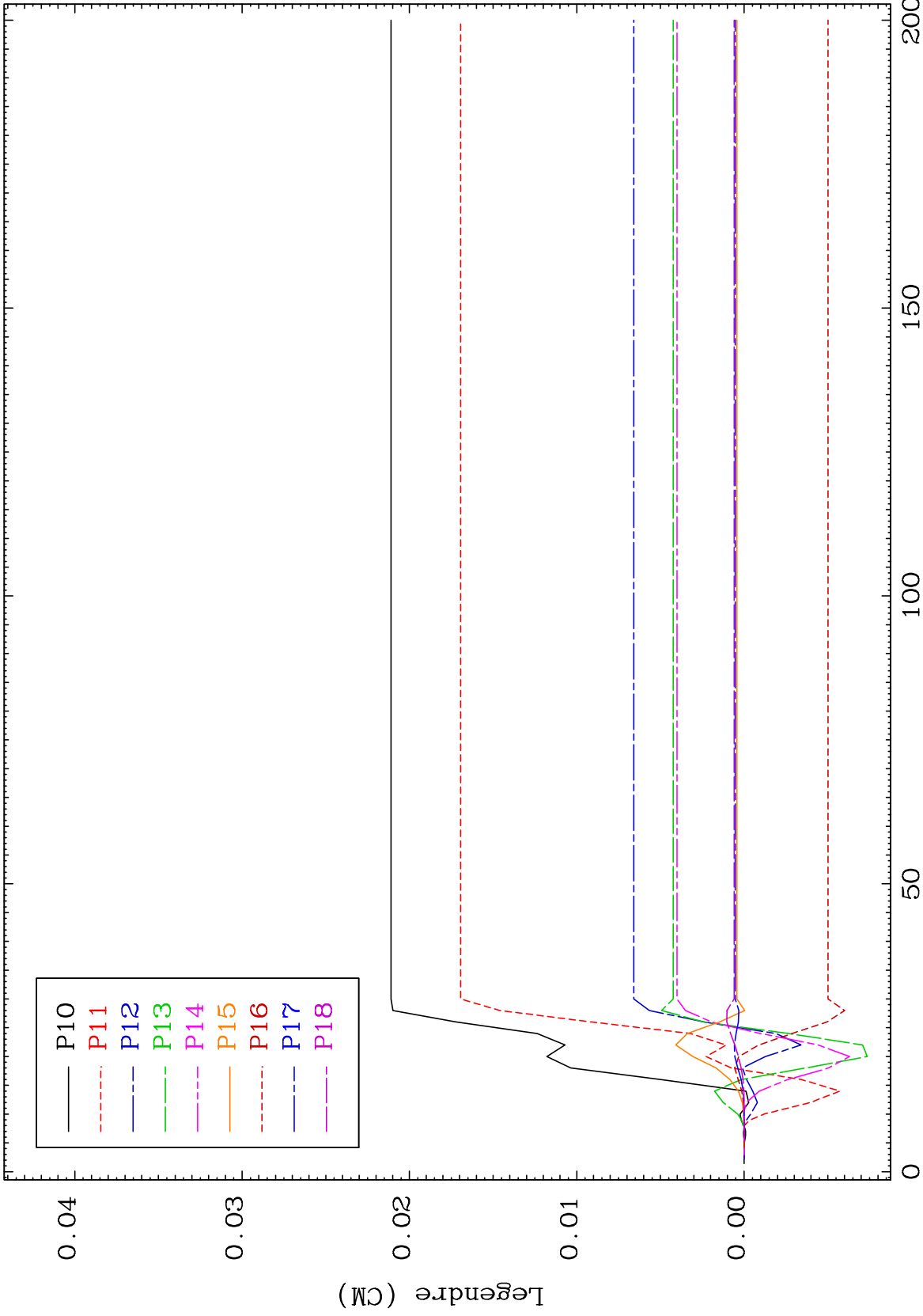
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



62

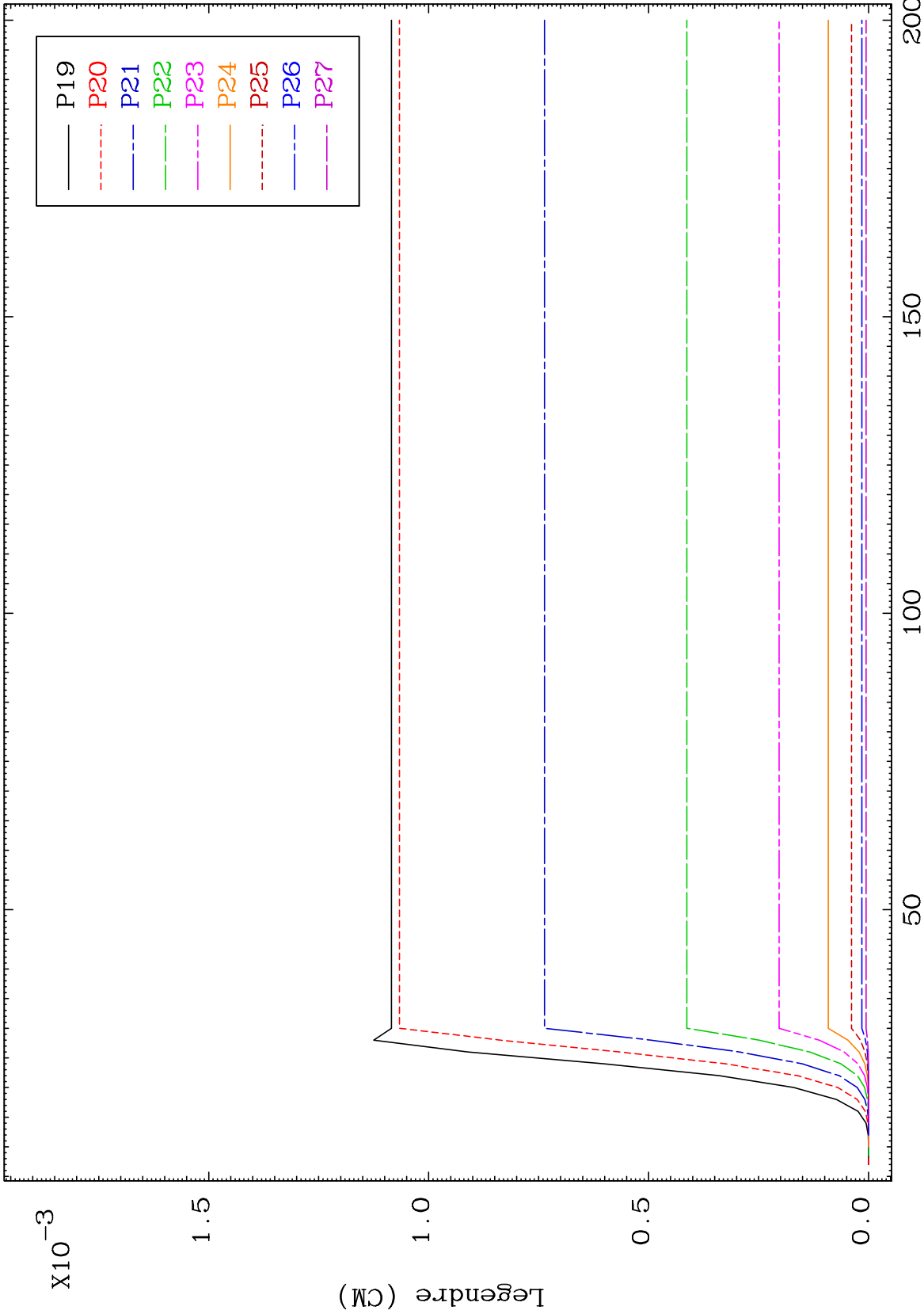
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



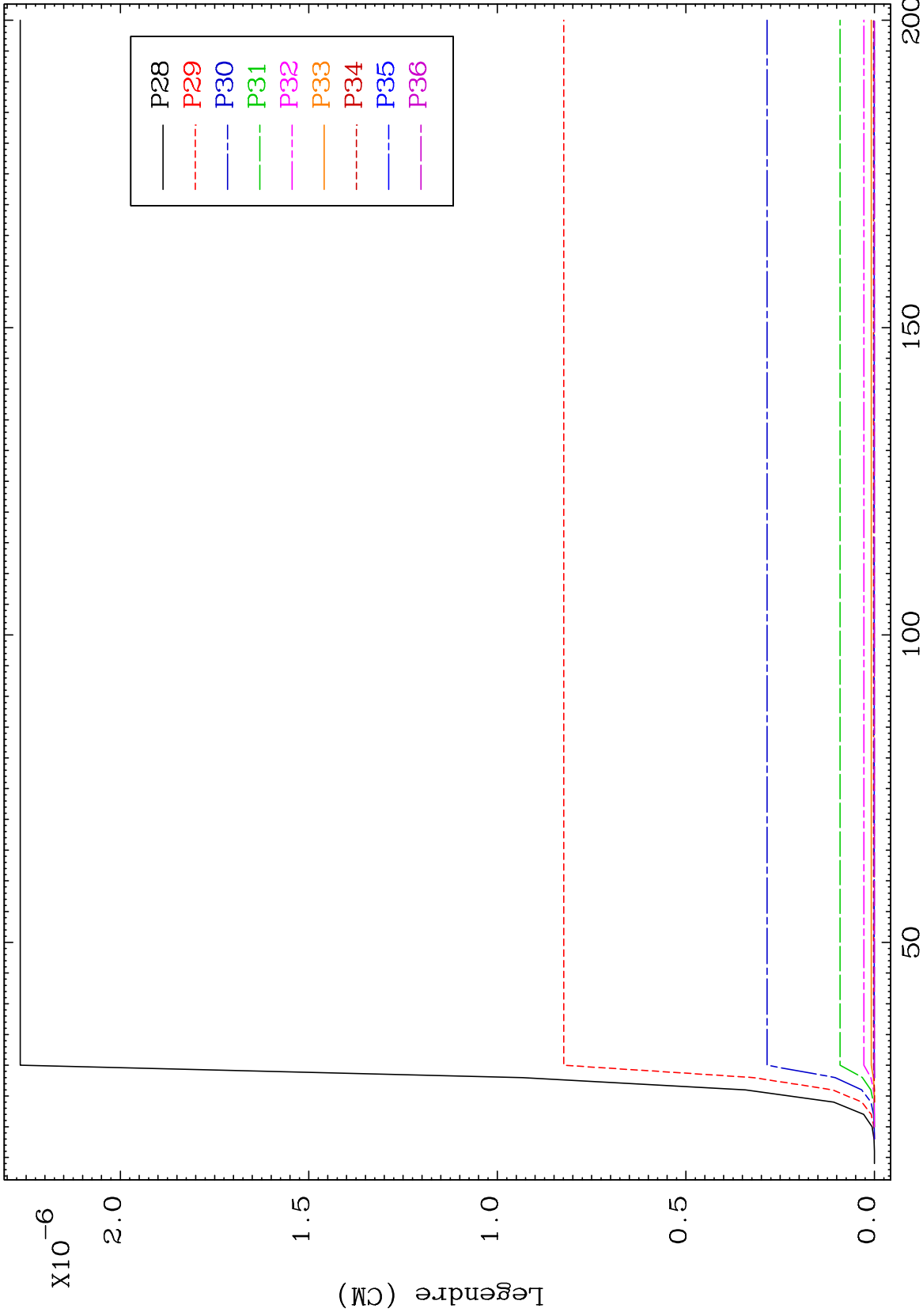
63

54-Xe-129

MAT 5440

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

54-Xe-129



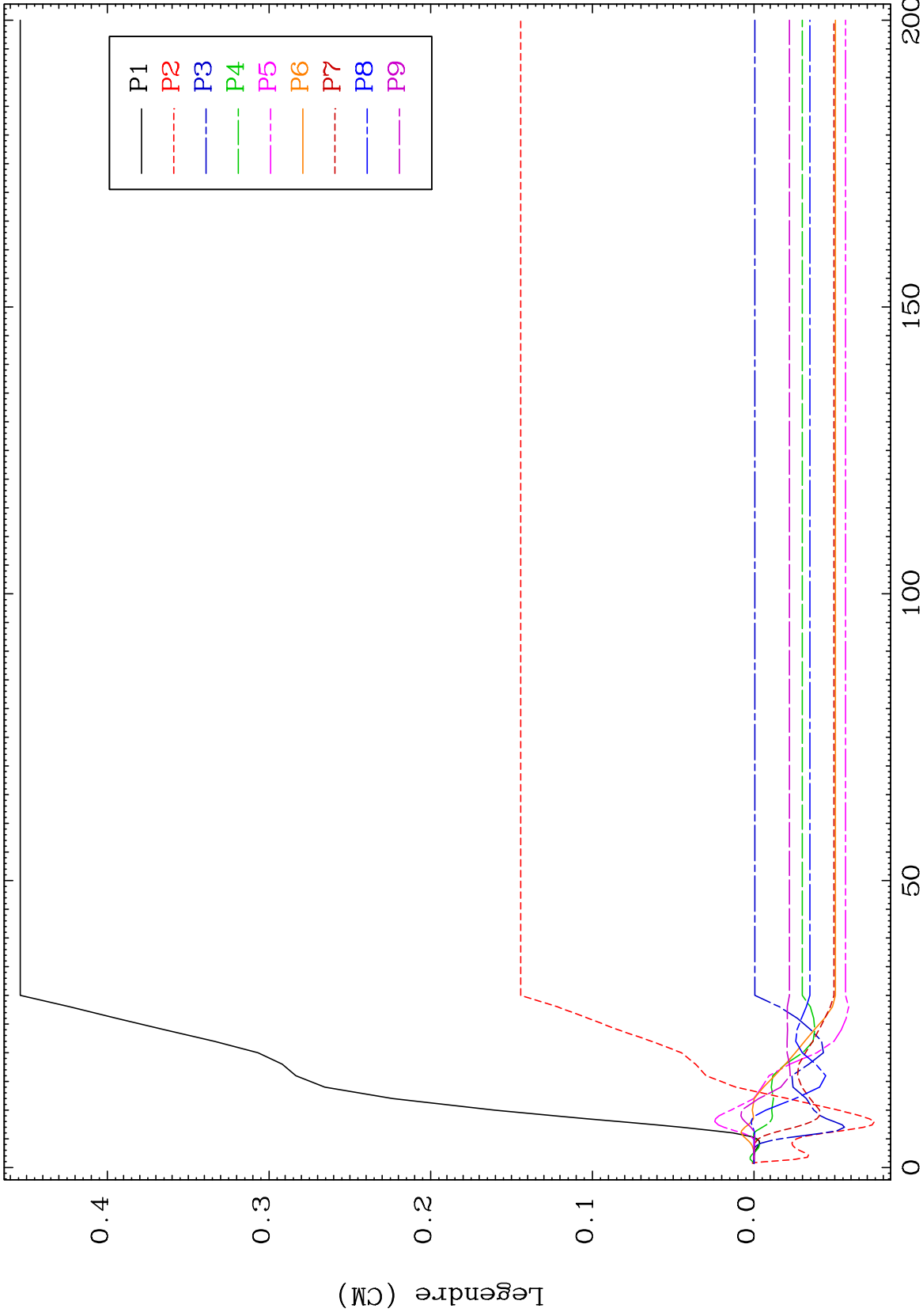
64

54-Xe-129

MAT 5440

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

54-Xe-129



65

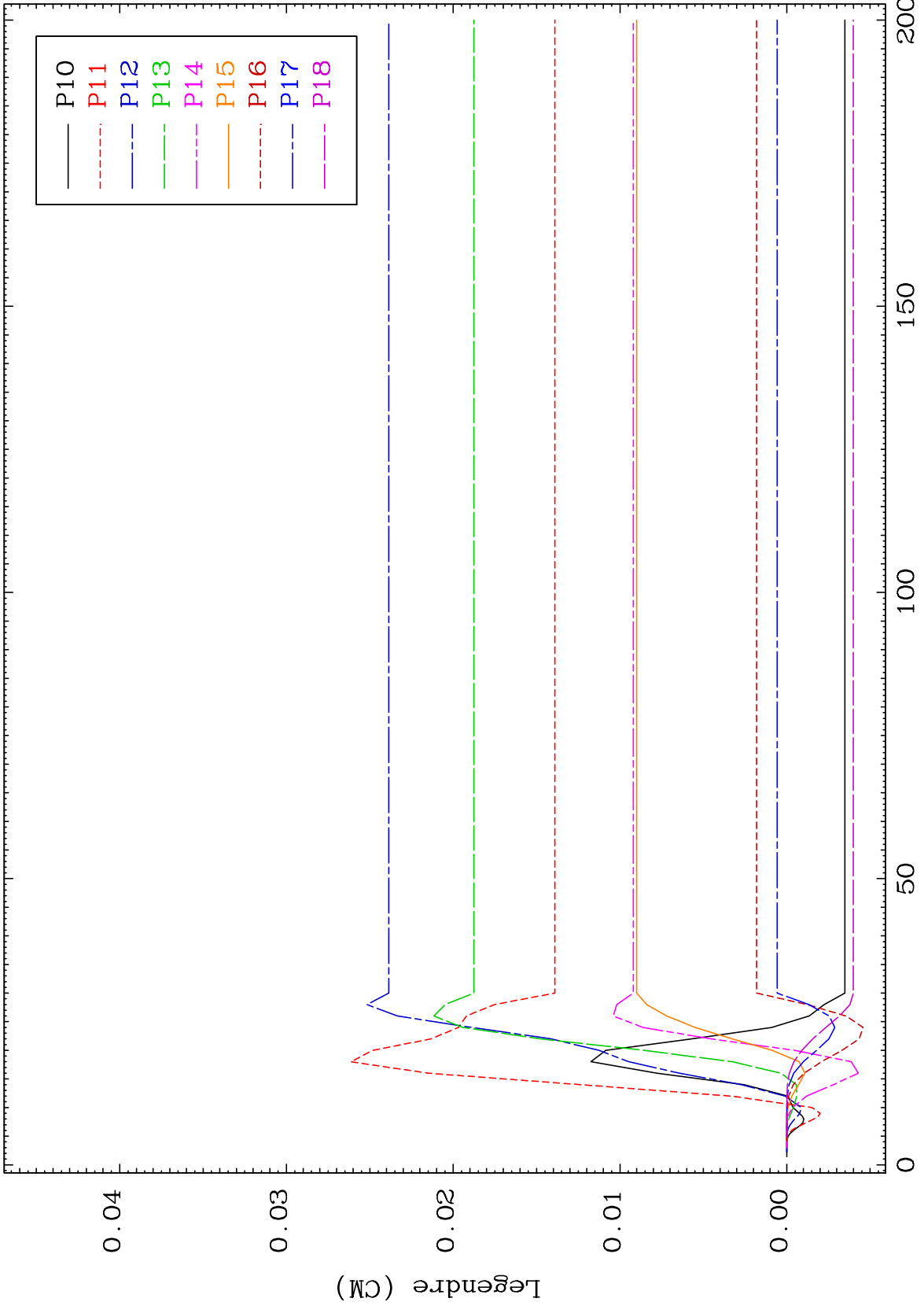
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



66

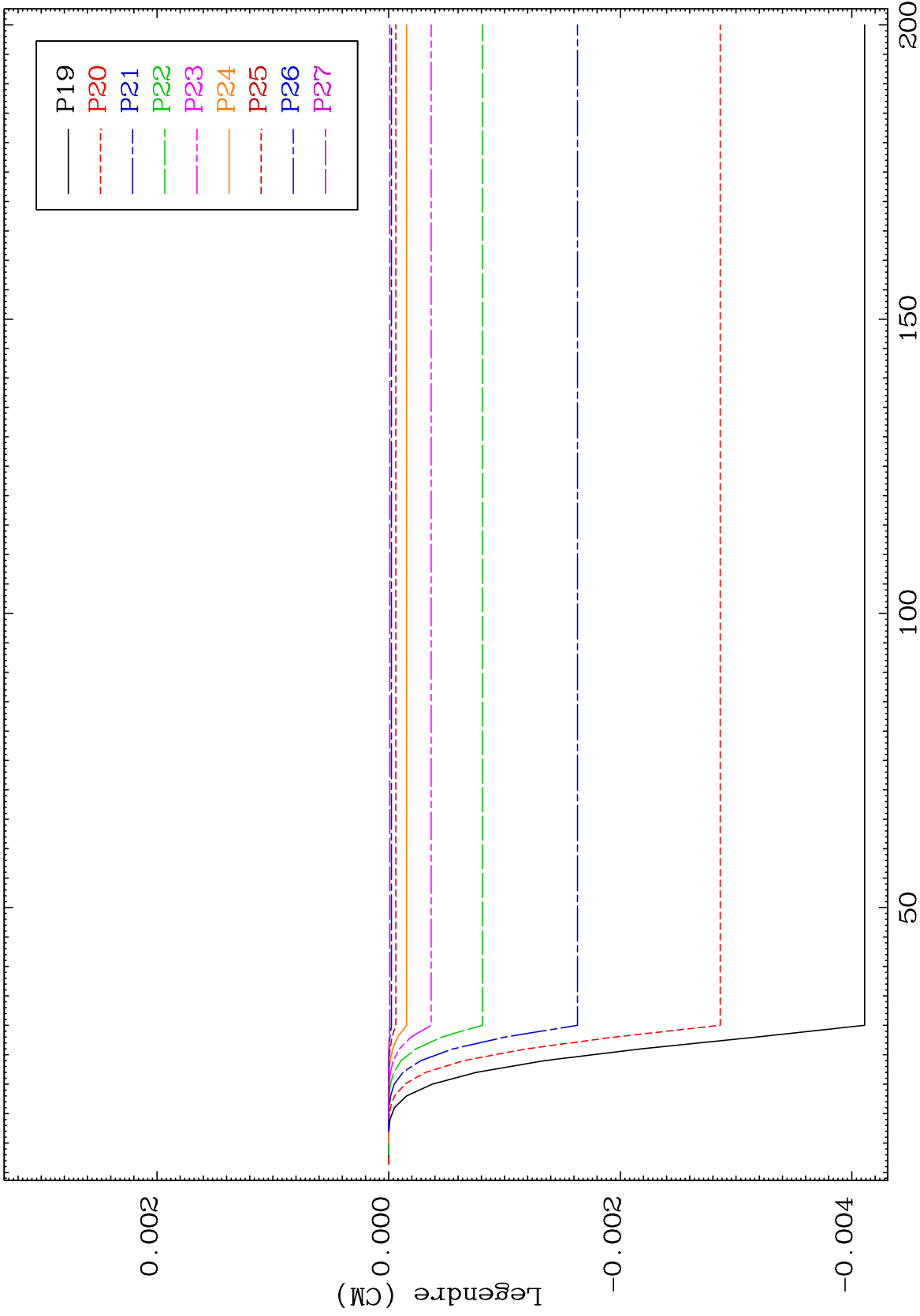
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129

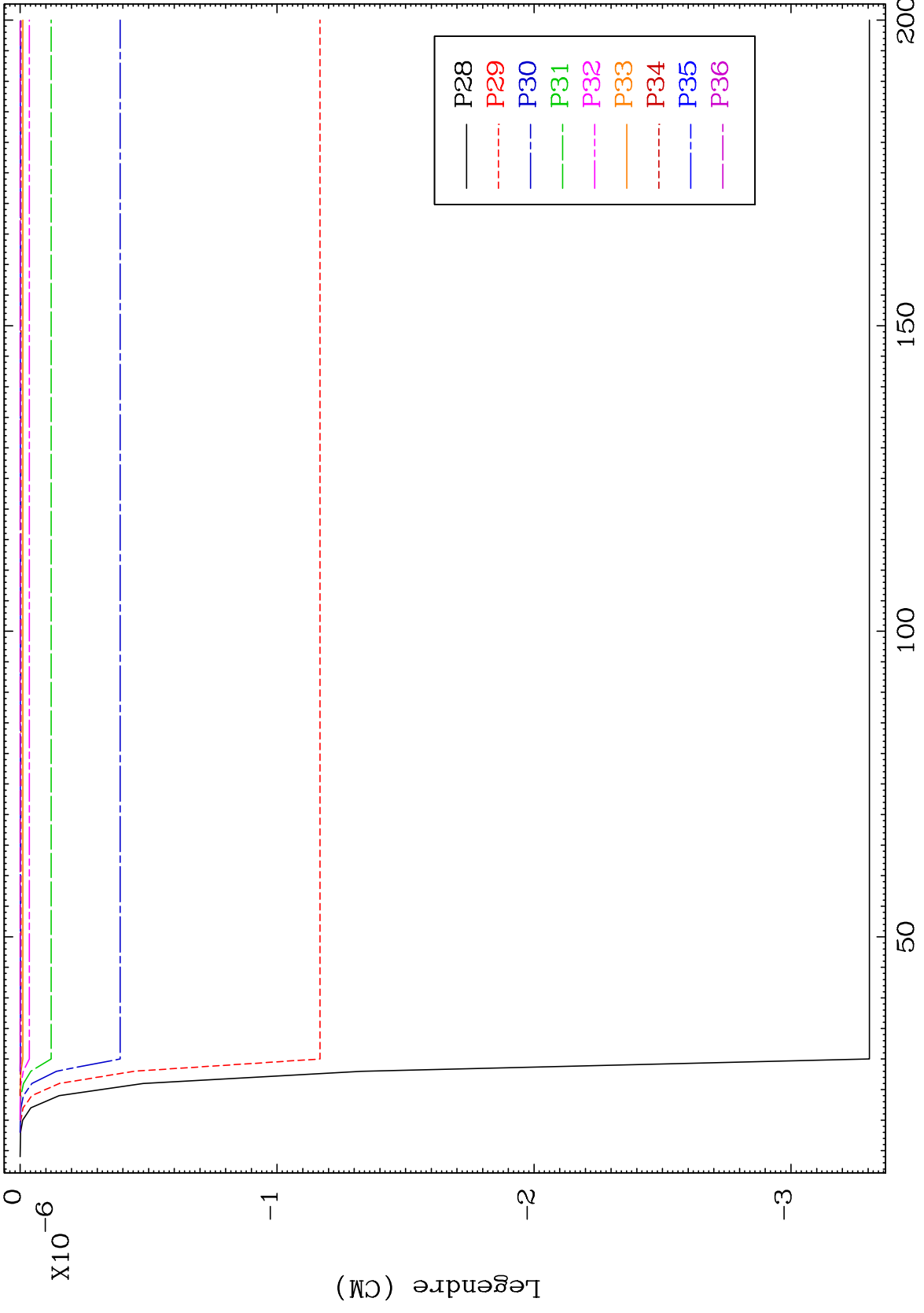


67

Incident Energy (MeV)

54-Xe-129

MAT 5440 MT= 63 (n,n') Level Legendre Coefficients 54-Xe-129

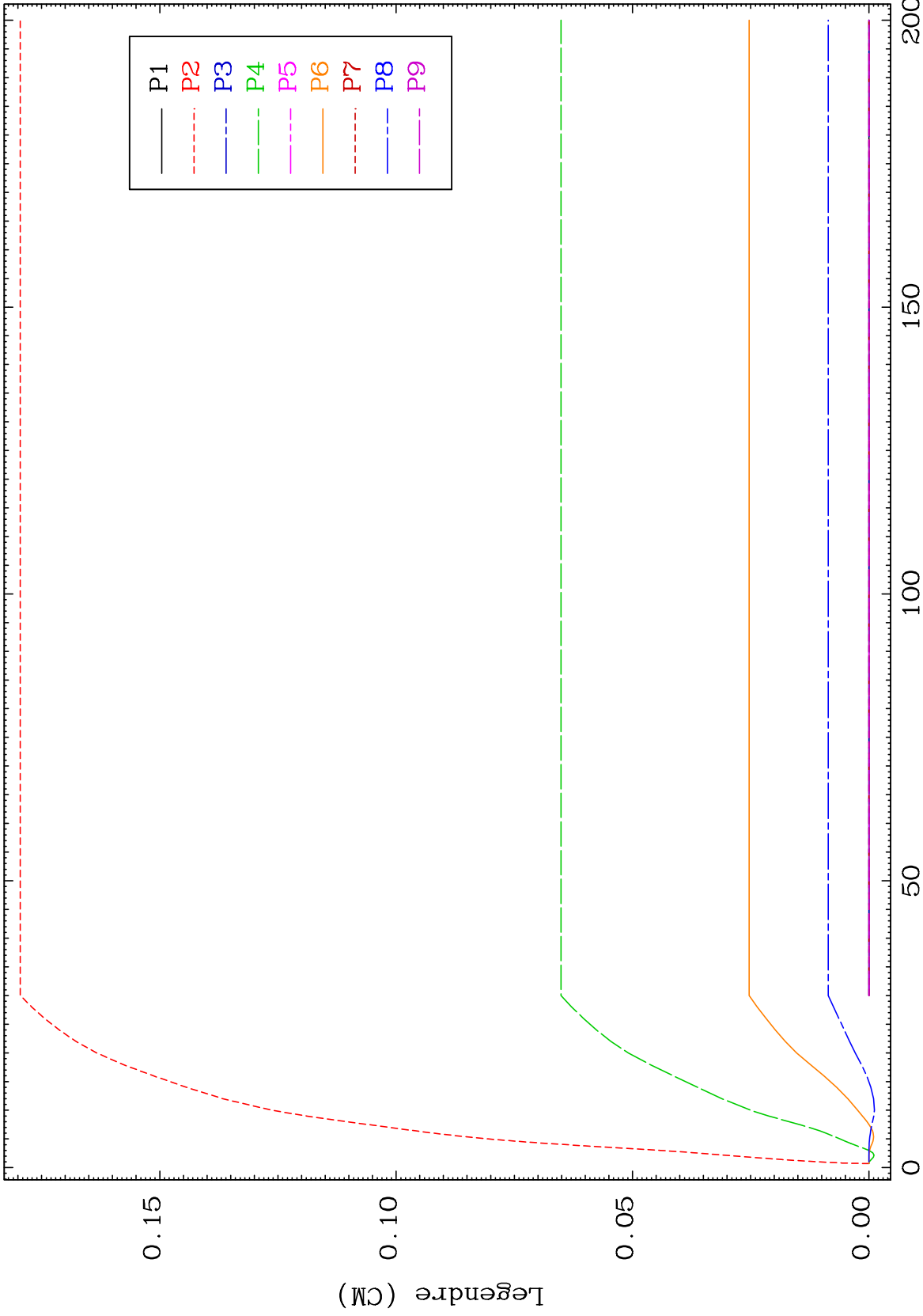


68 54-Xe-129

MAT 5440

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

54-Xe-129



69

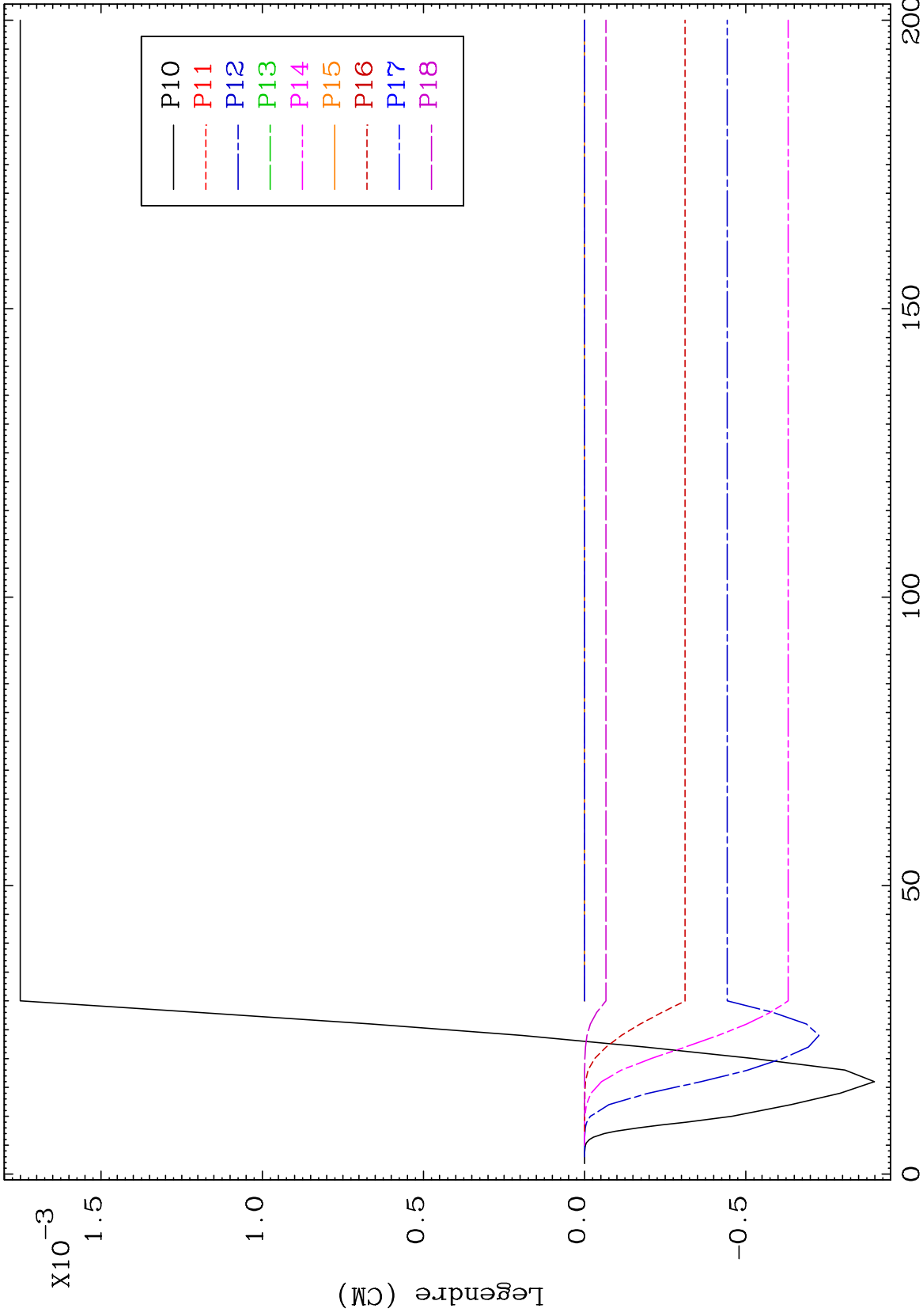
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129

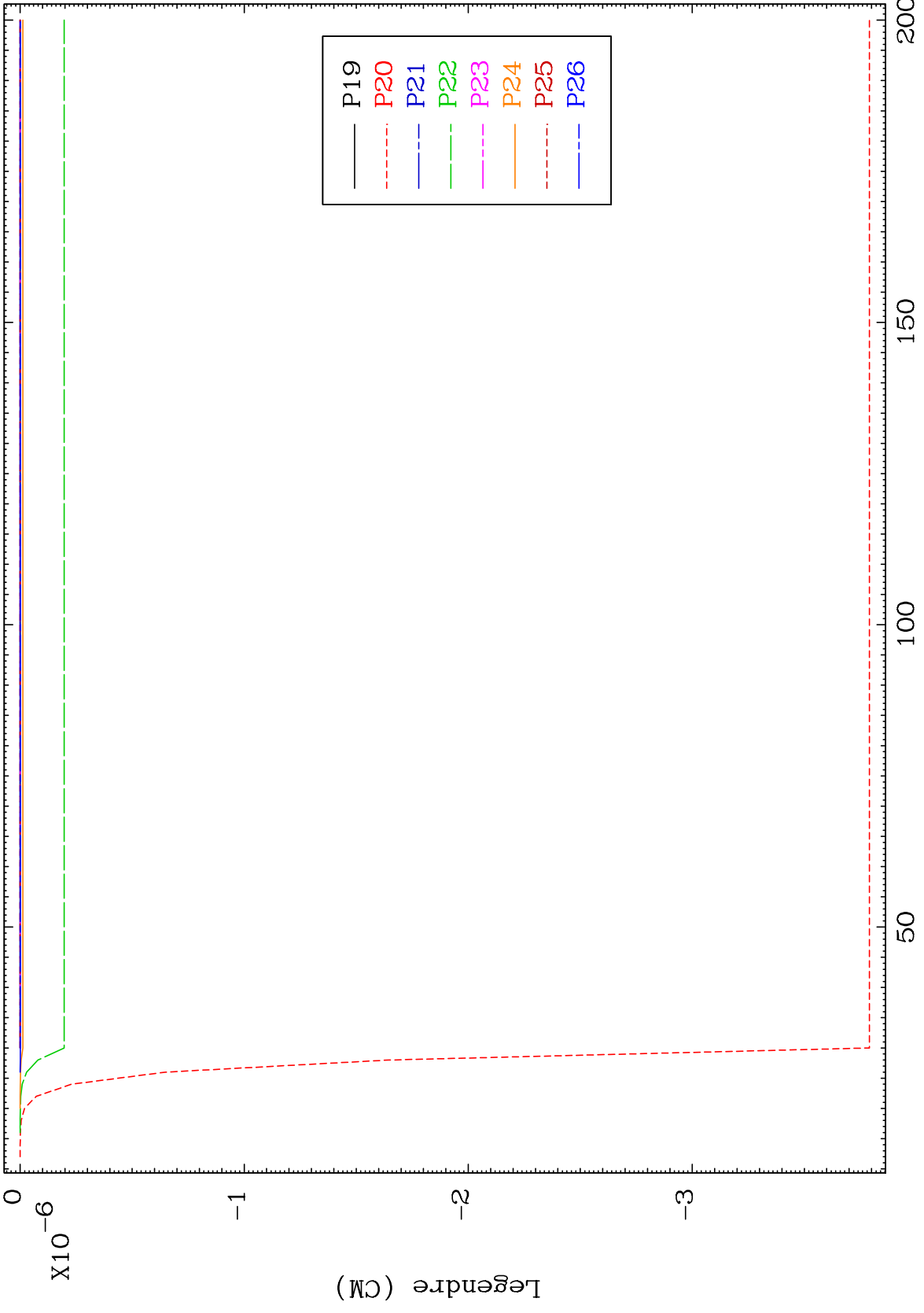


70

Incident Energy (MeV)

54-Xe-129

MAT 5440 MT= 64 (n,n') Level Legendre Coefficients 54-Xe-129

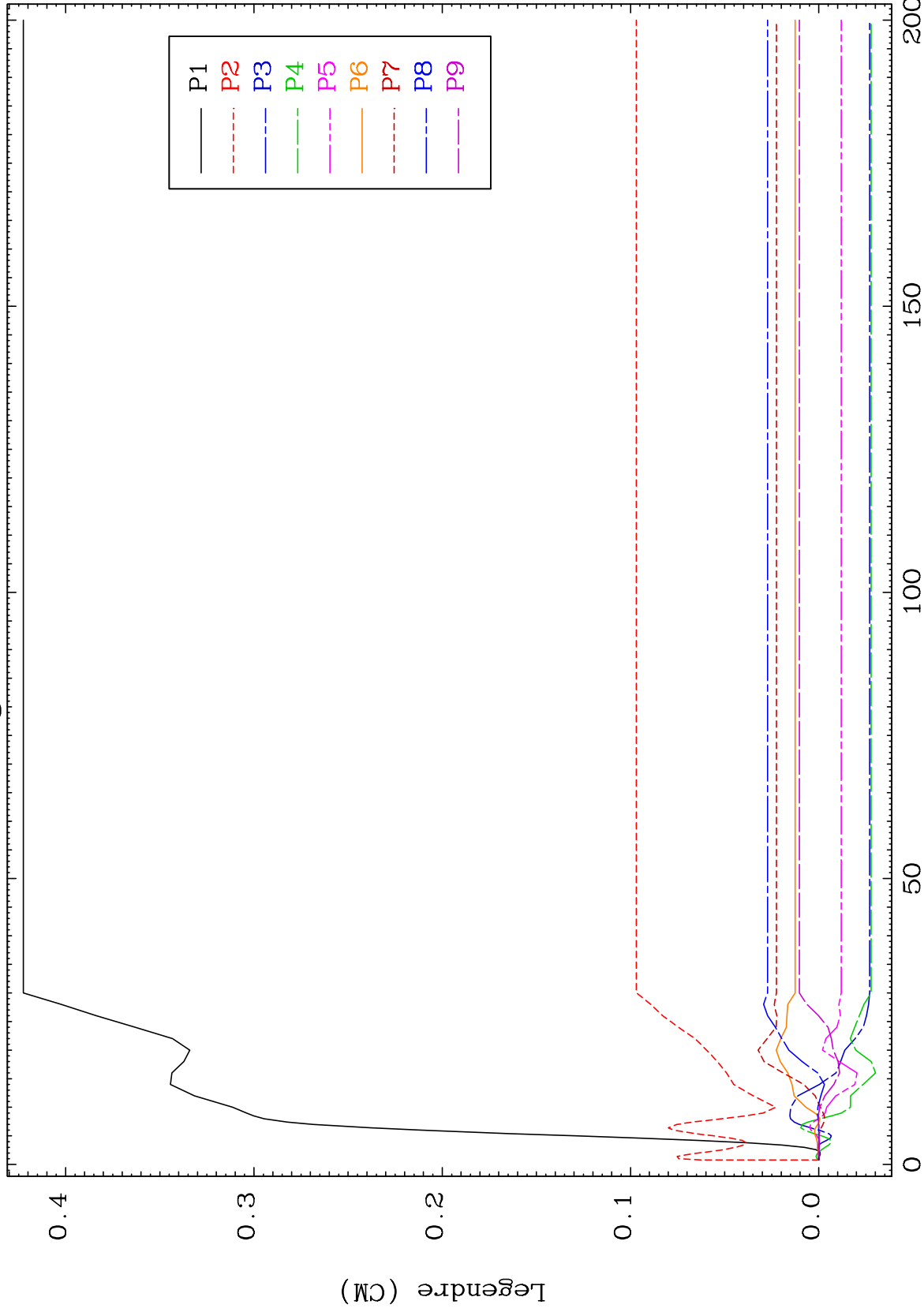


71 54-Xe-129

MAT 5440

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

54-Xe-129



72

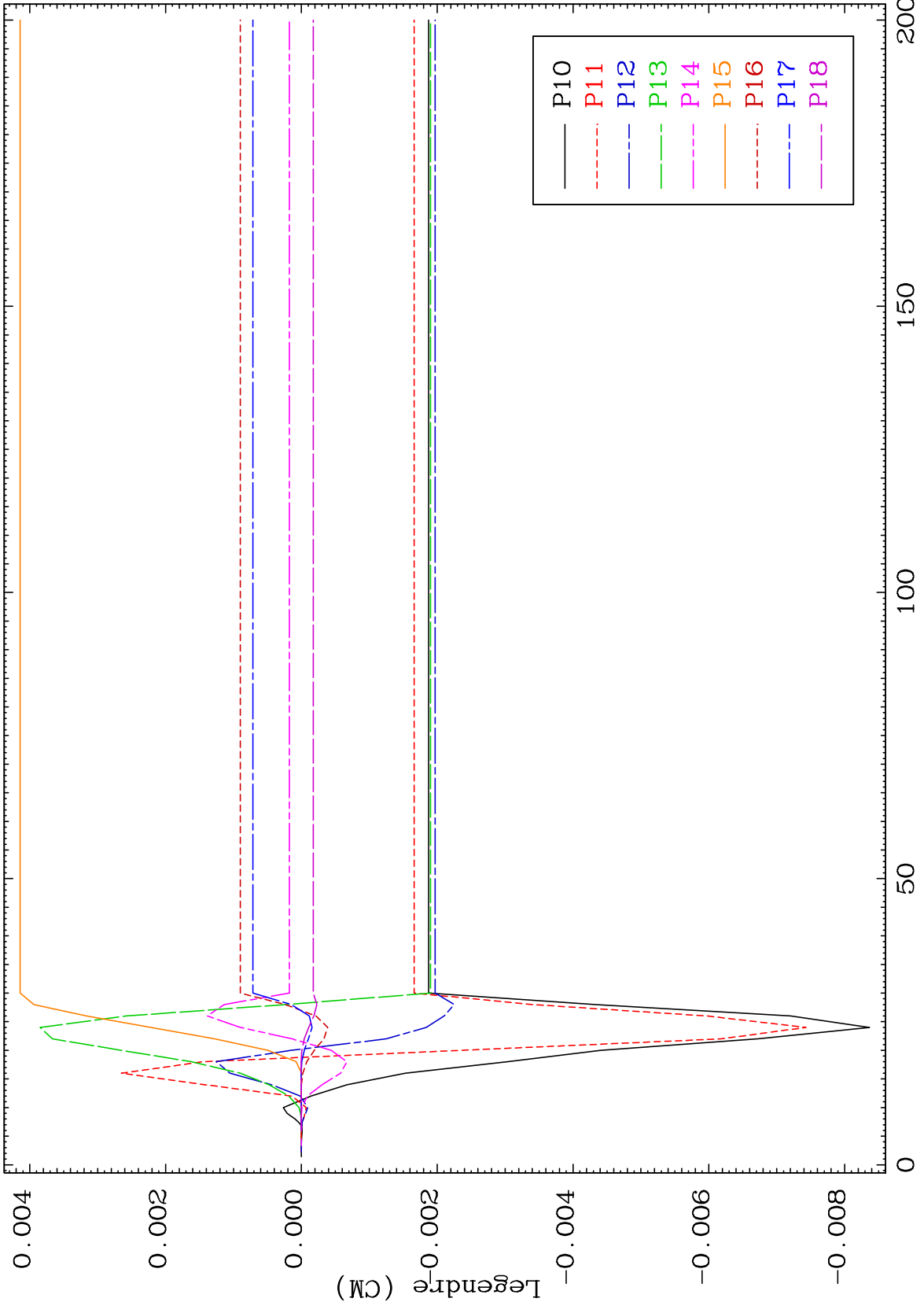
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



73

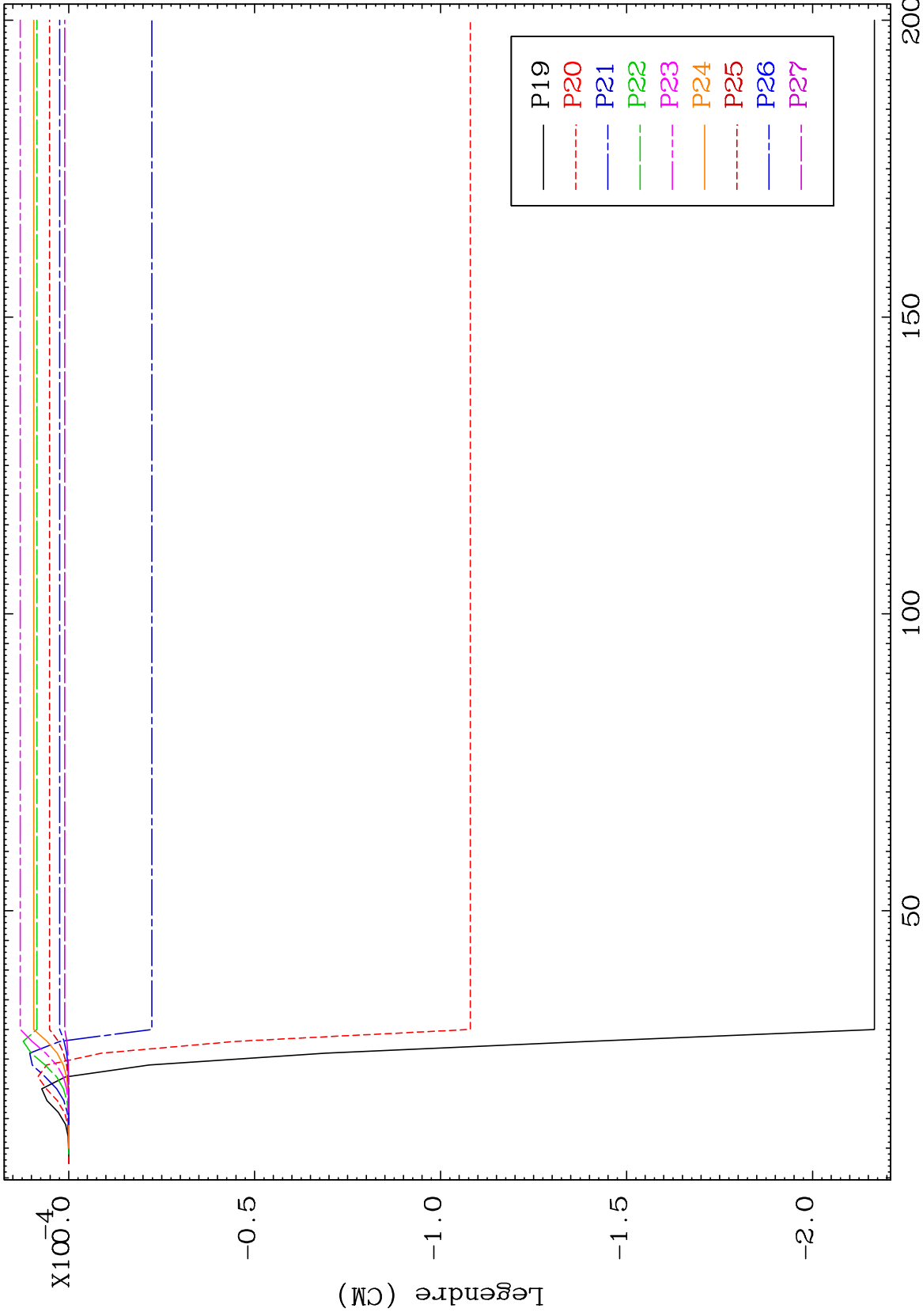
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



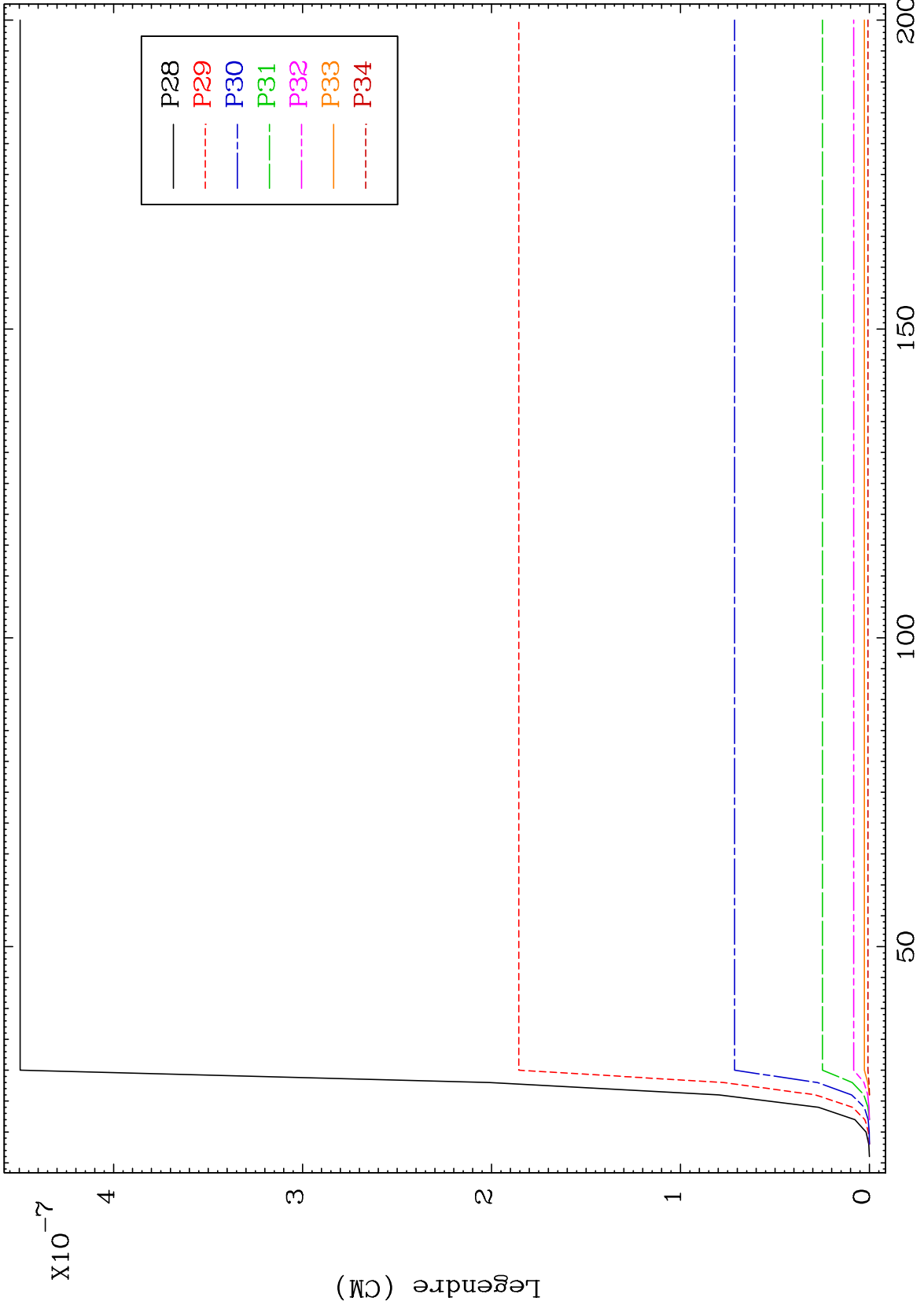
74

54-Xe-129

MAT 5440

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

54-Xe-129



75

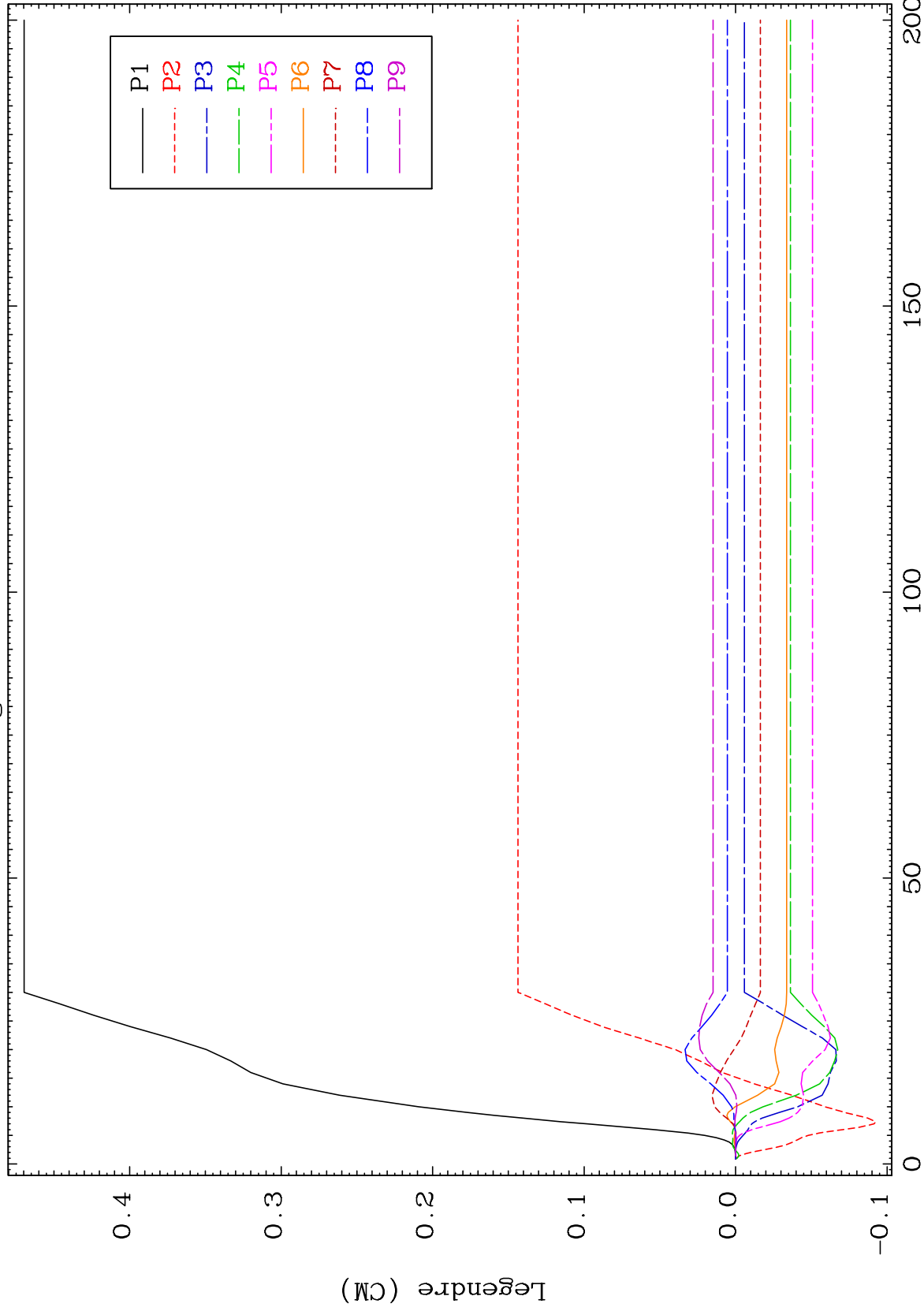
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



76

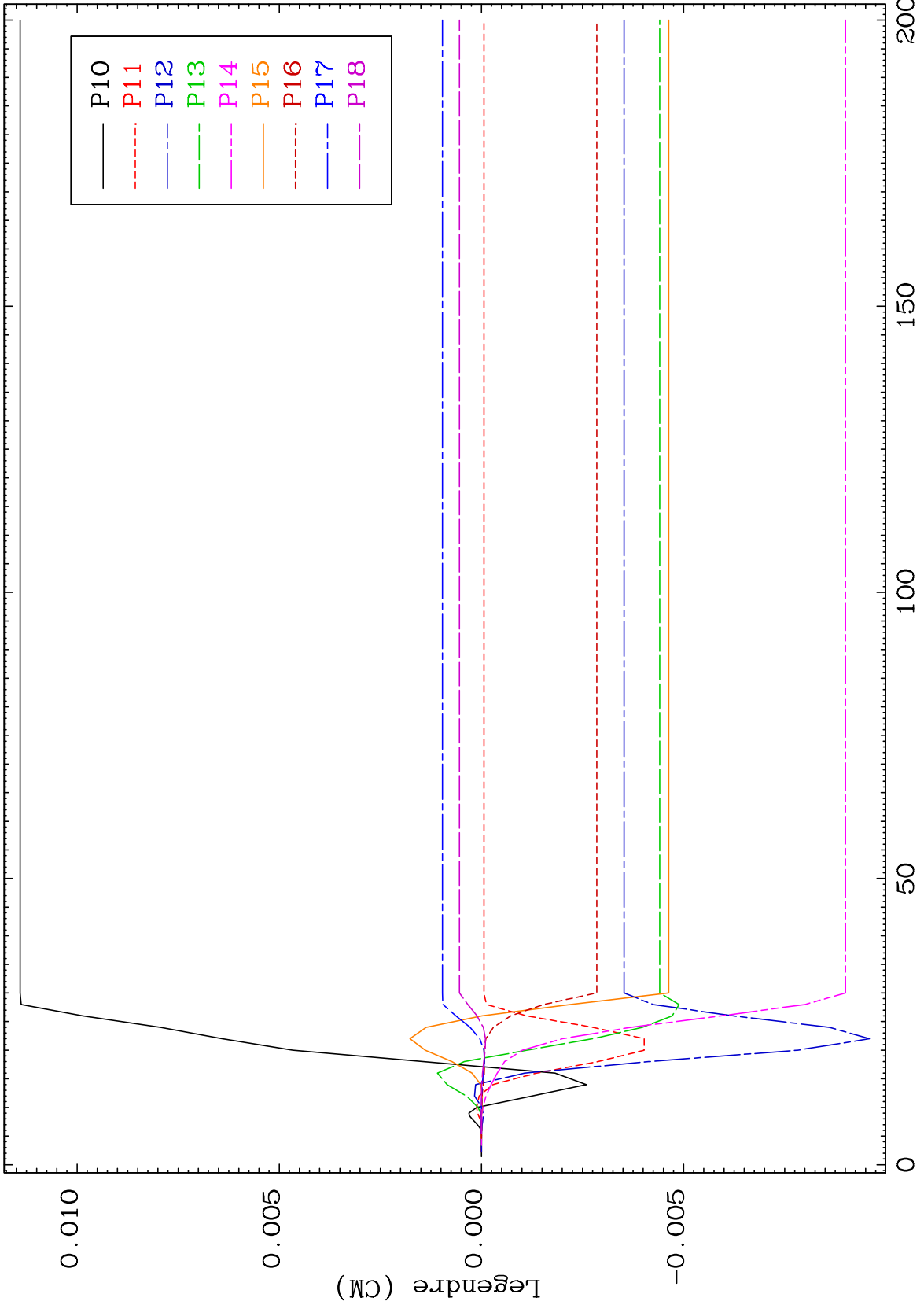
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



77

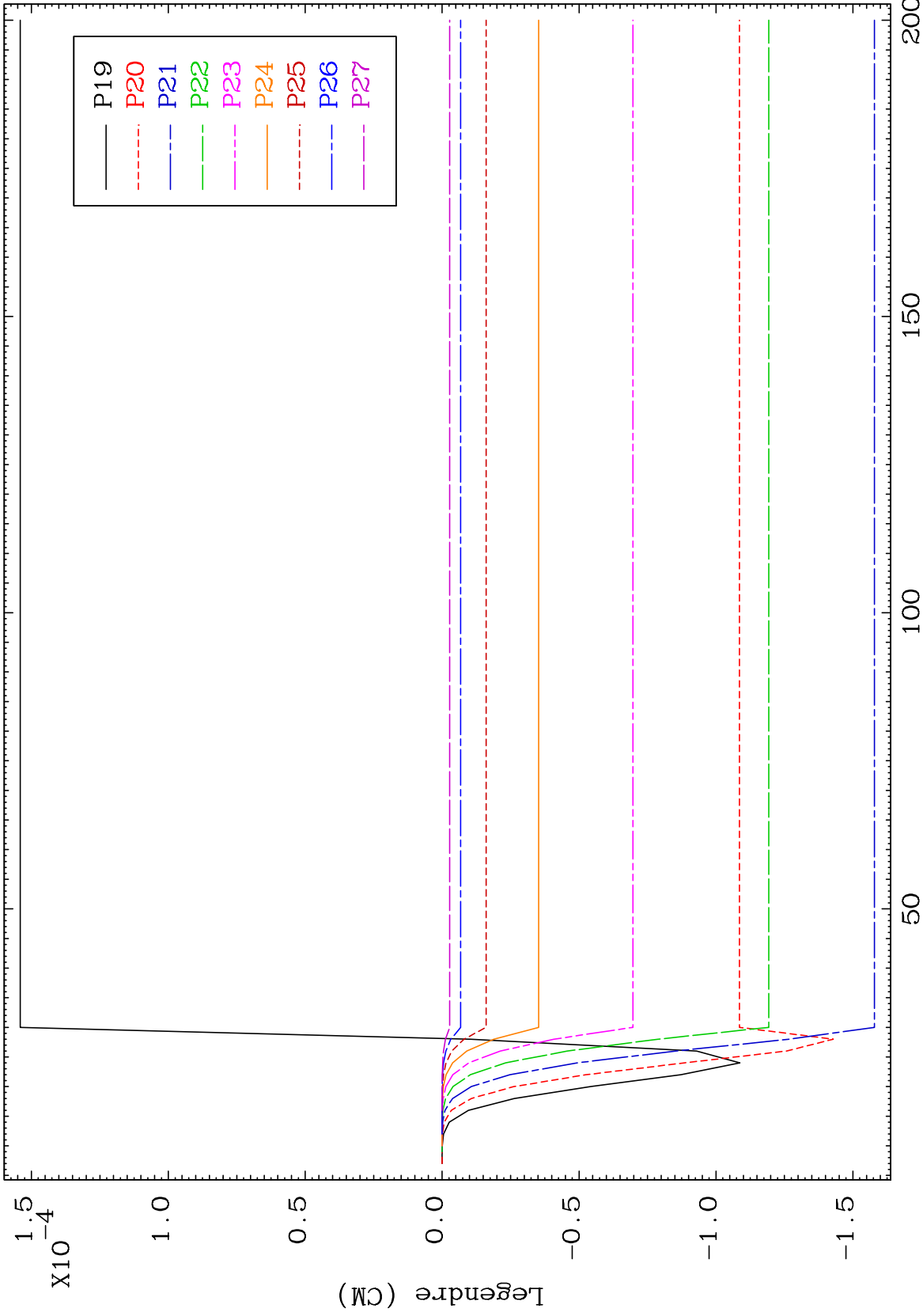
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



78

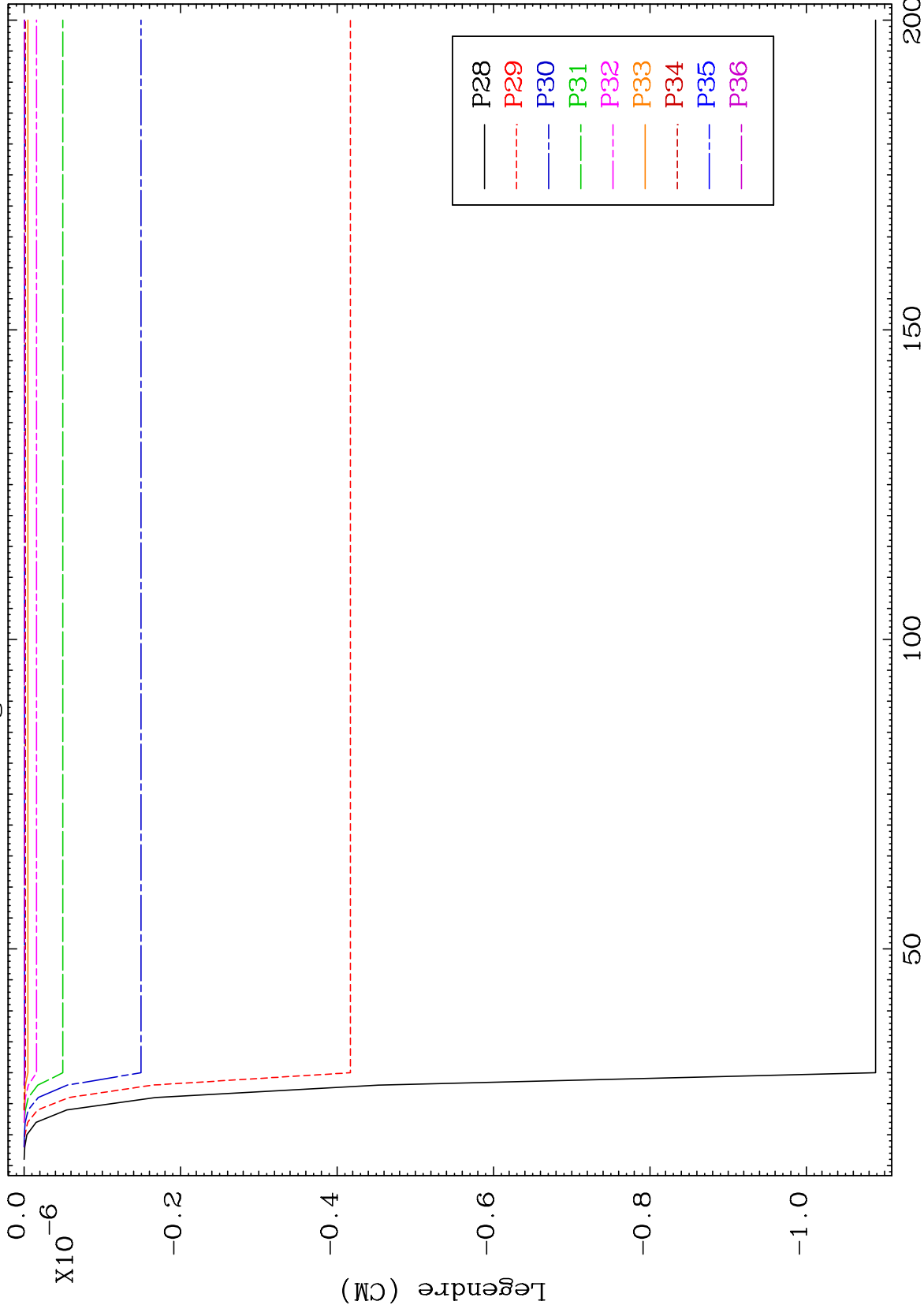
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



79

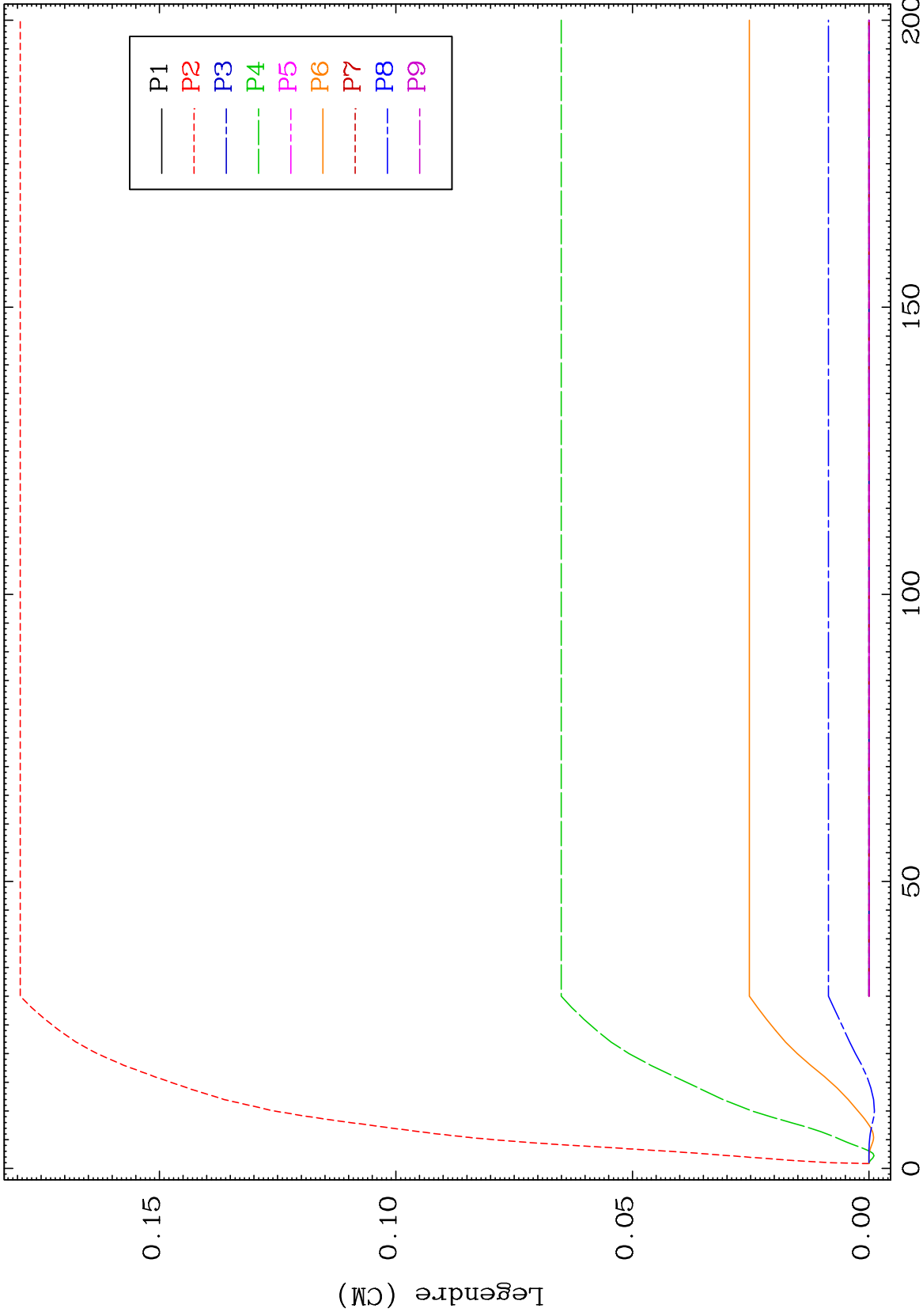
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



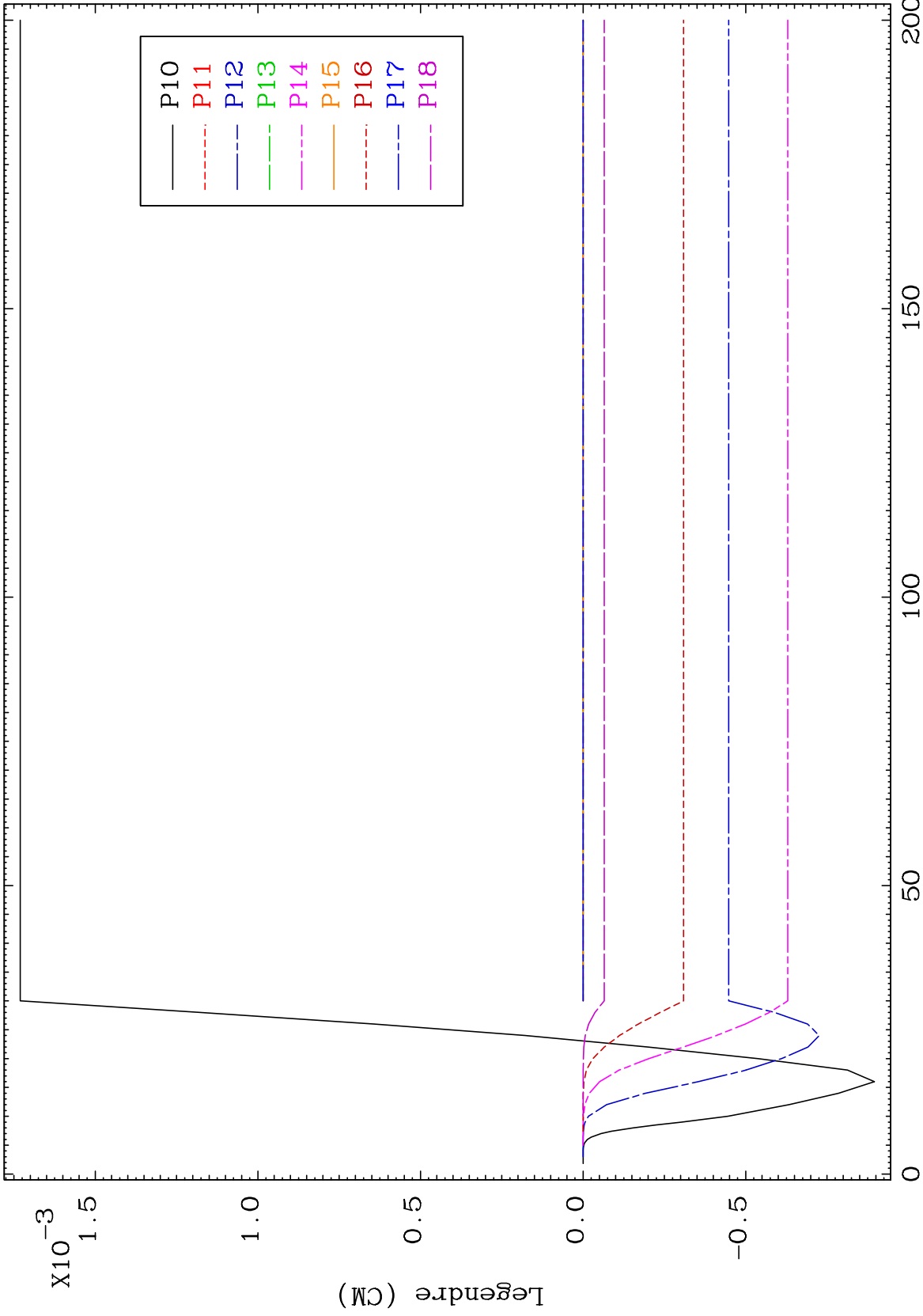
54-Xe-129

Incident Energy (MeV)

MAT 5440

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

54-Xe-129



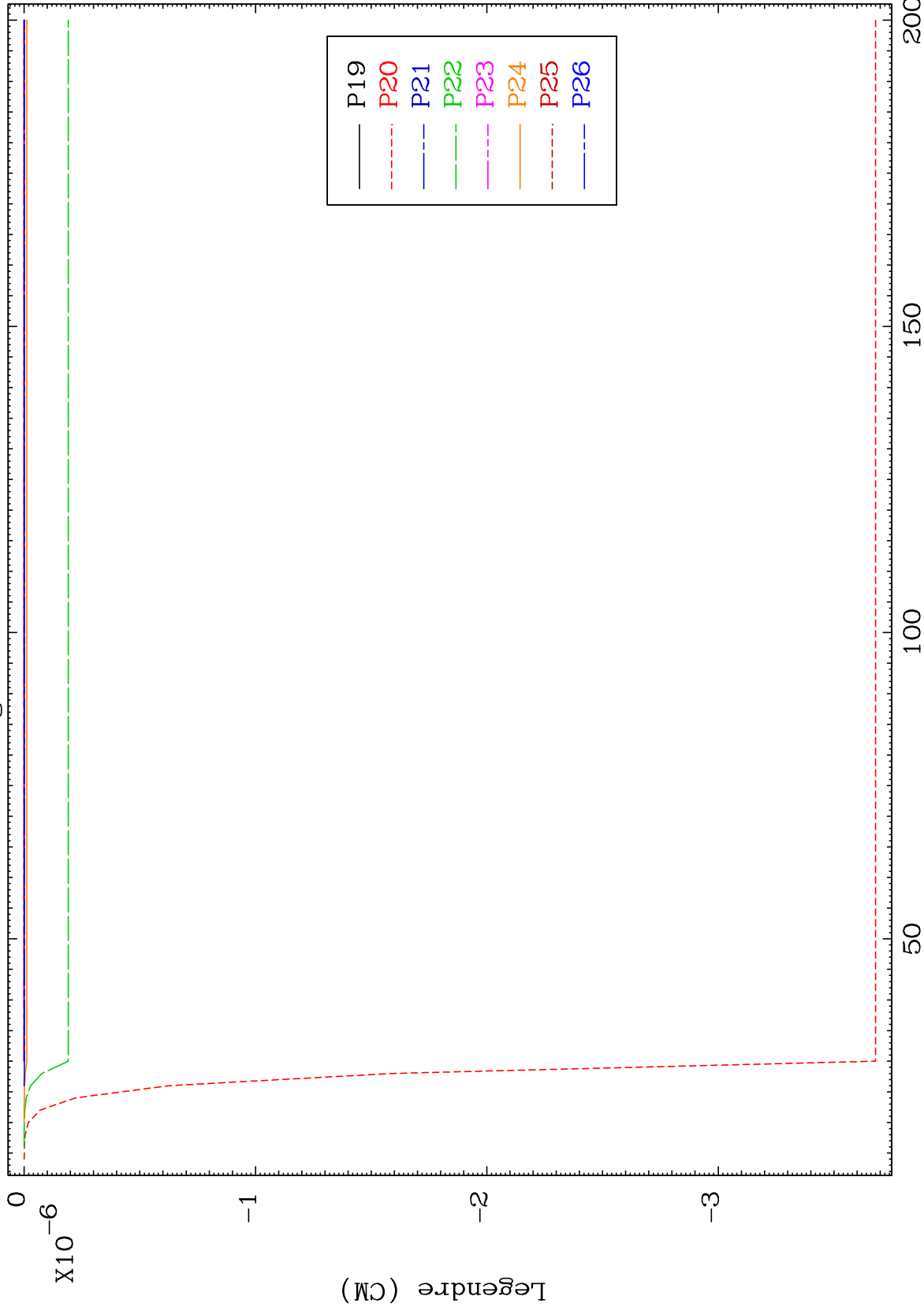
81

54-Xe-129

MAT 5440

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

54-Xe-129



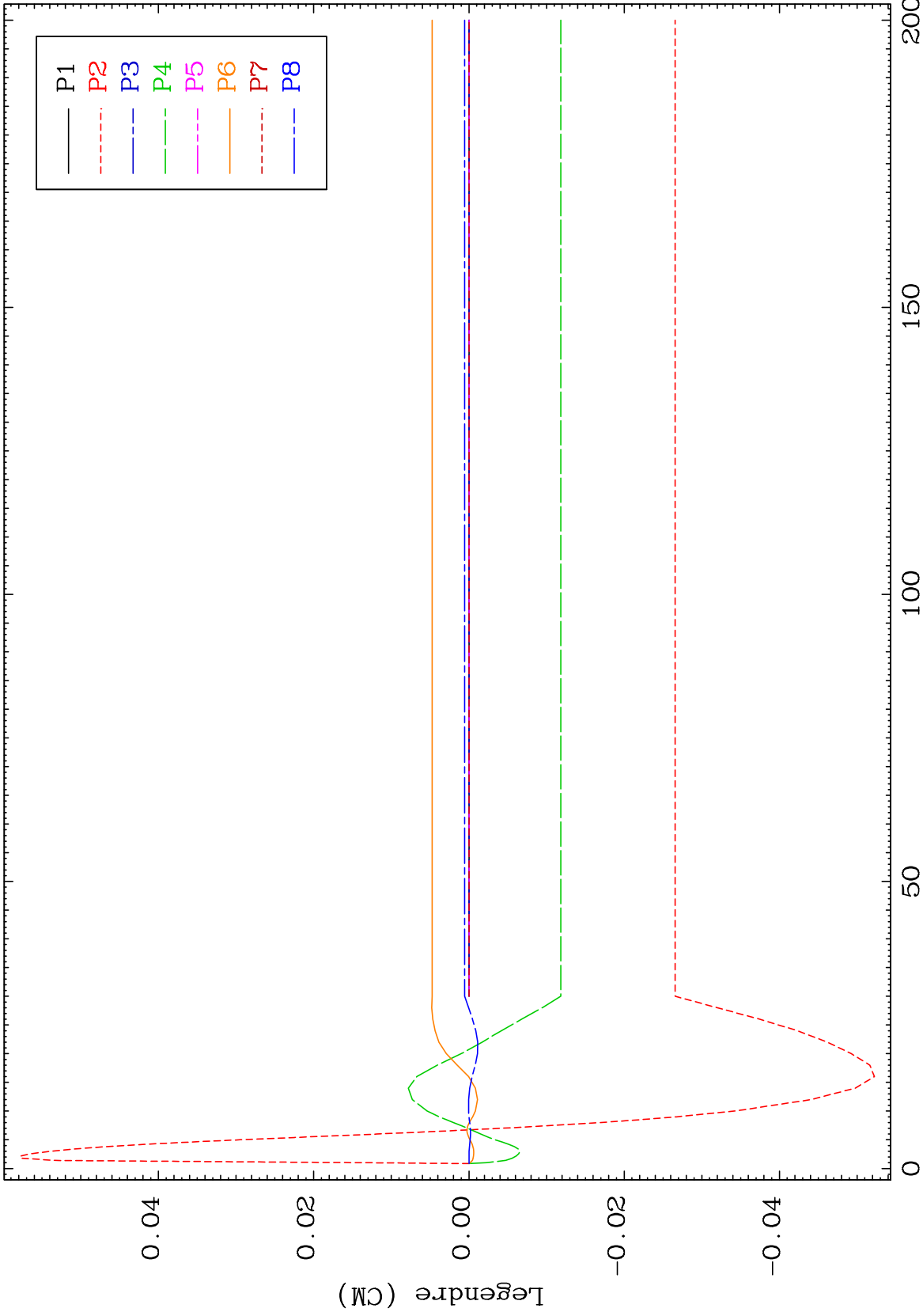
82

54-Xe-129

MAT 5440

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

54-Xe-129

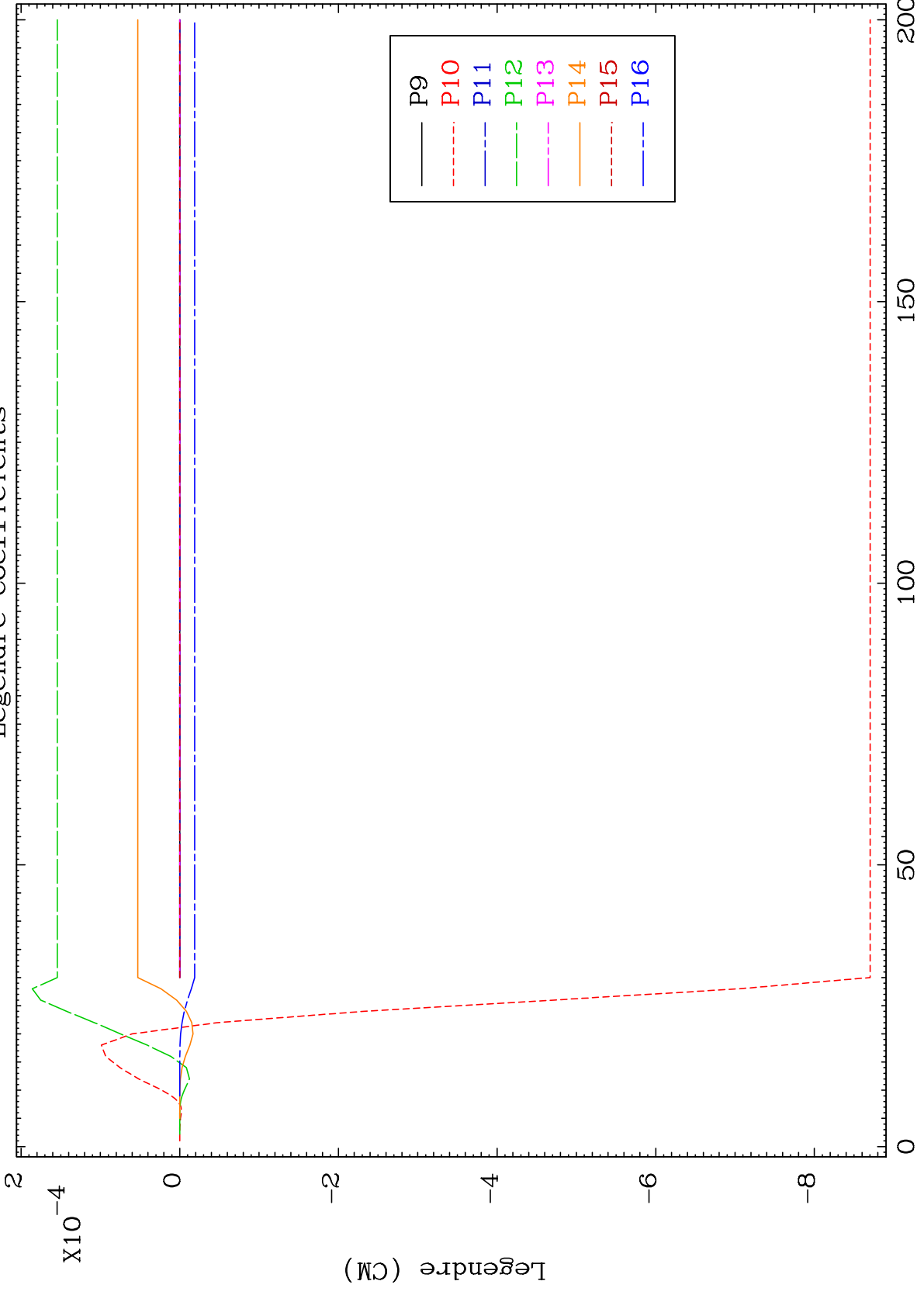


83

Incident Energy (MeV)

54-Xe-129

MAT 5440 MT= 68 (n,n') Level Legendre Coefficients 54-Xe-129

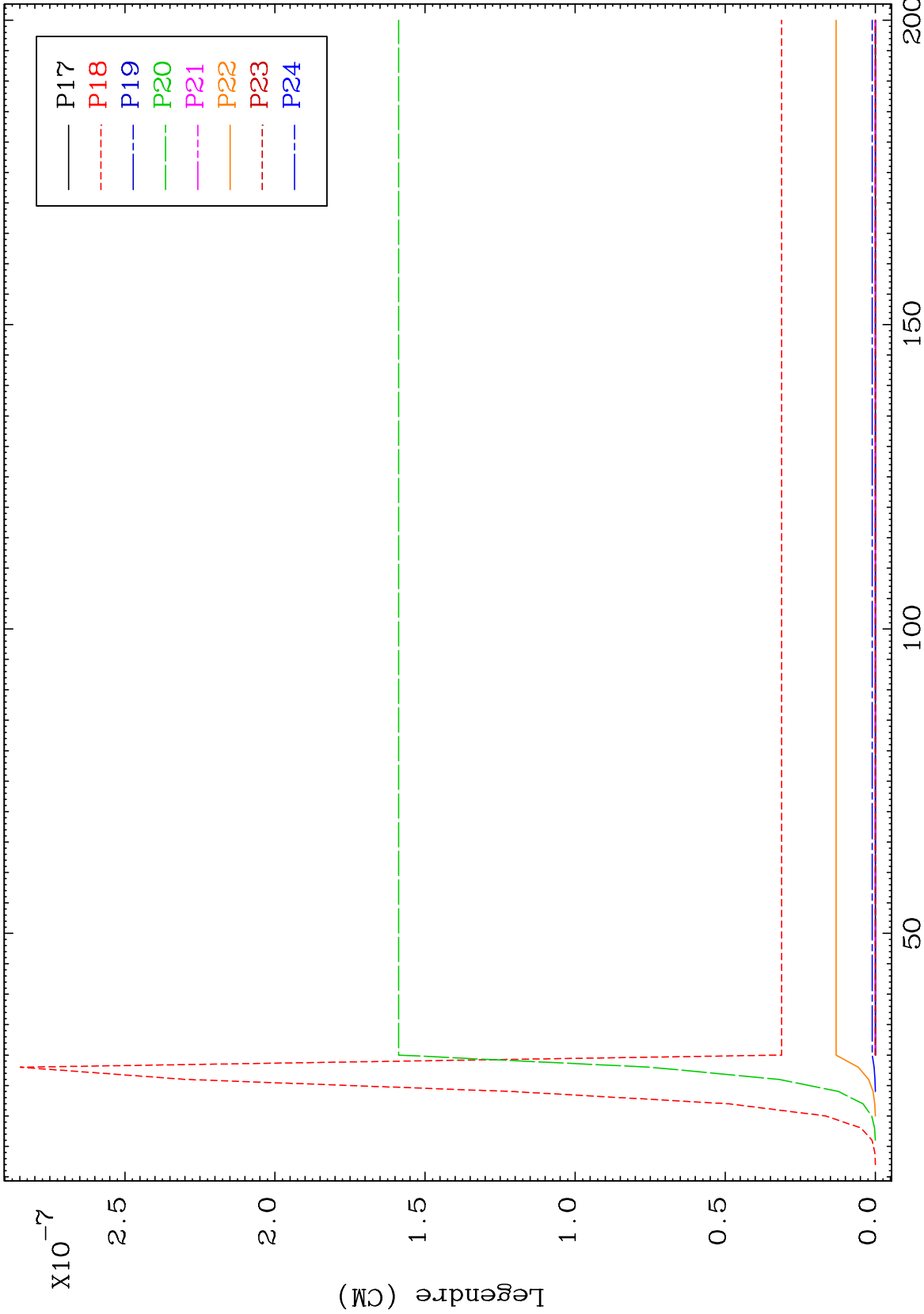


84 54-Xe-129

MAT 5440

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

54-Xe-129



85

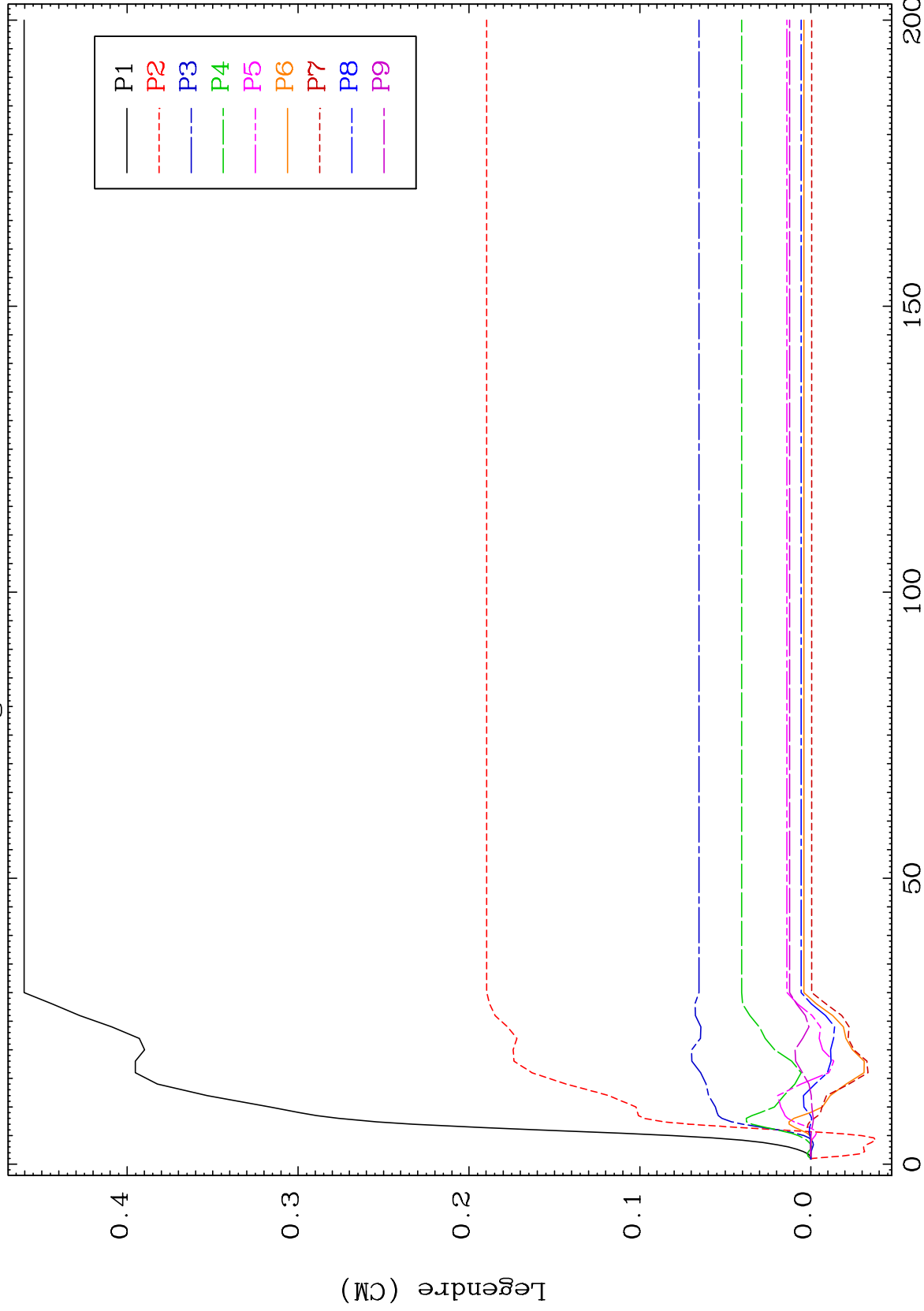
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



86

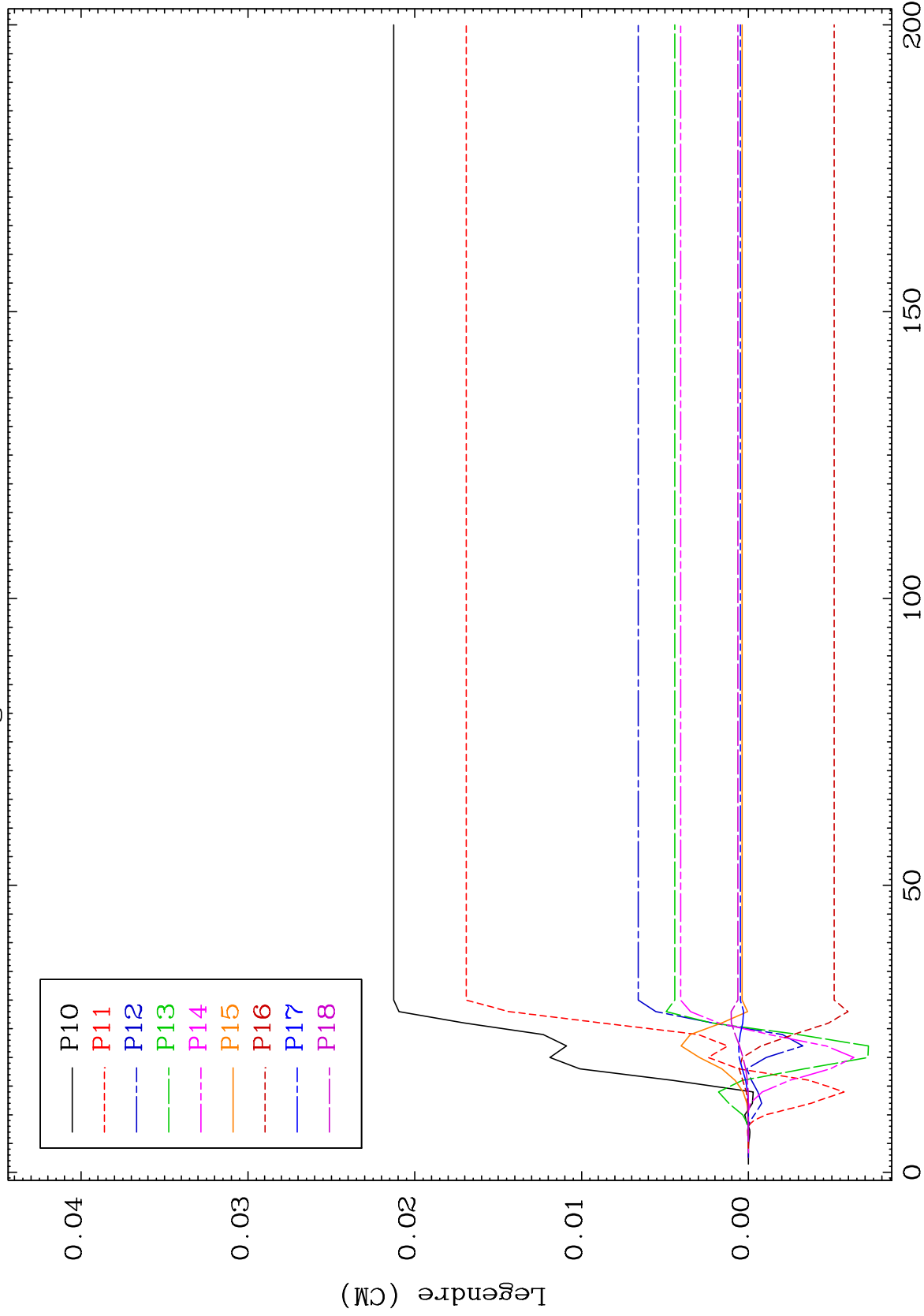
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



87

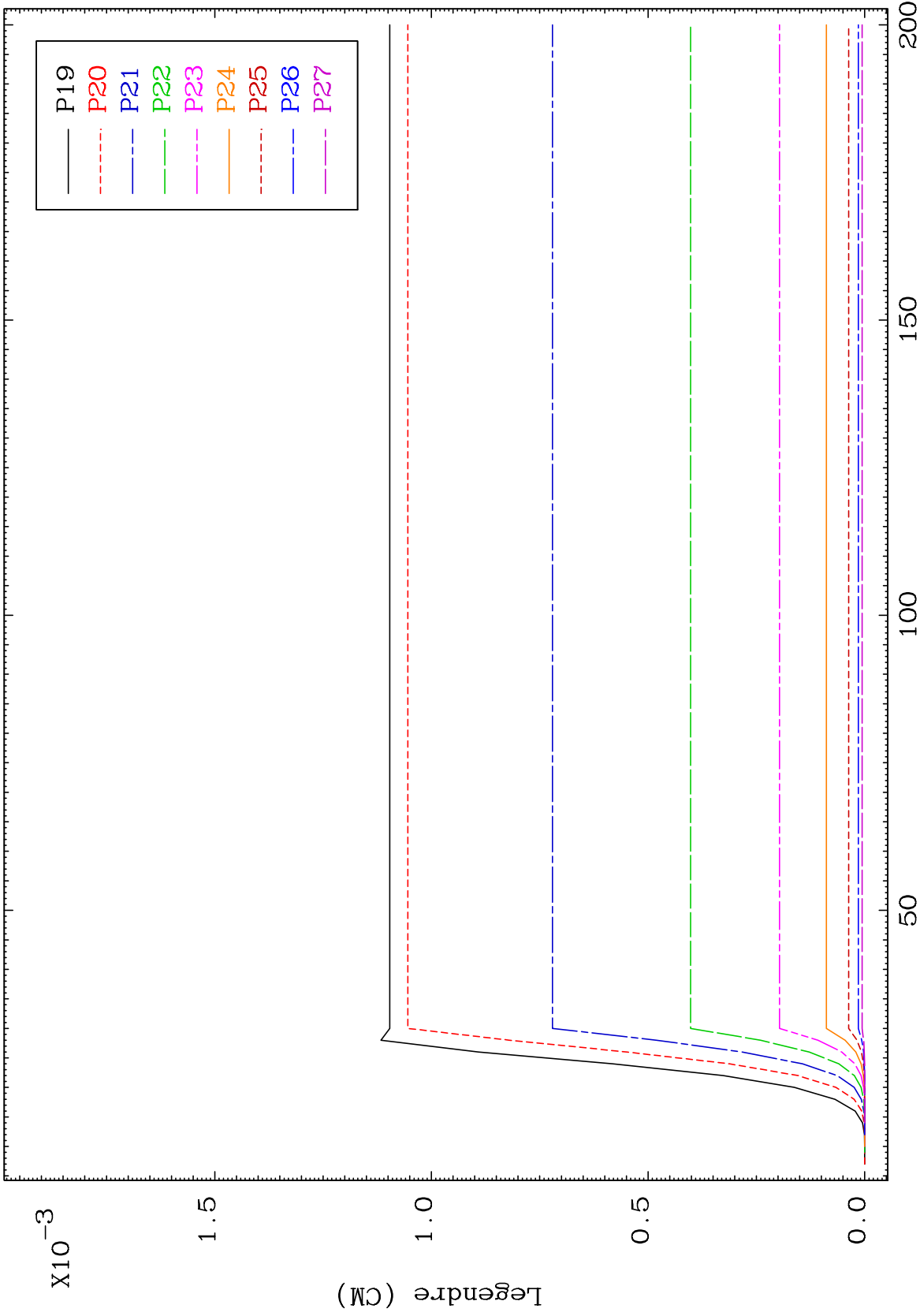
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



88

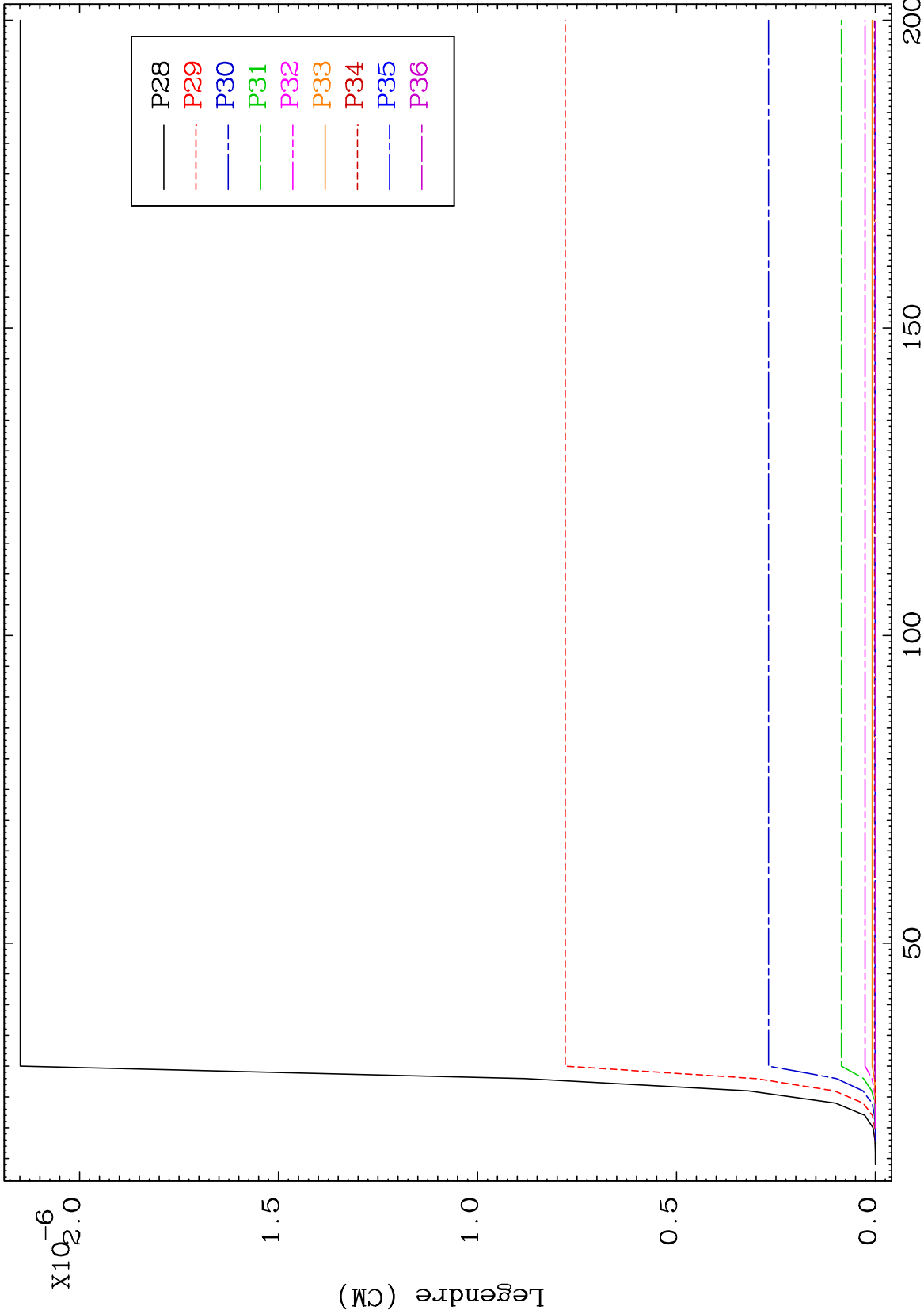
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



89

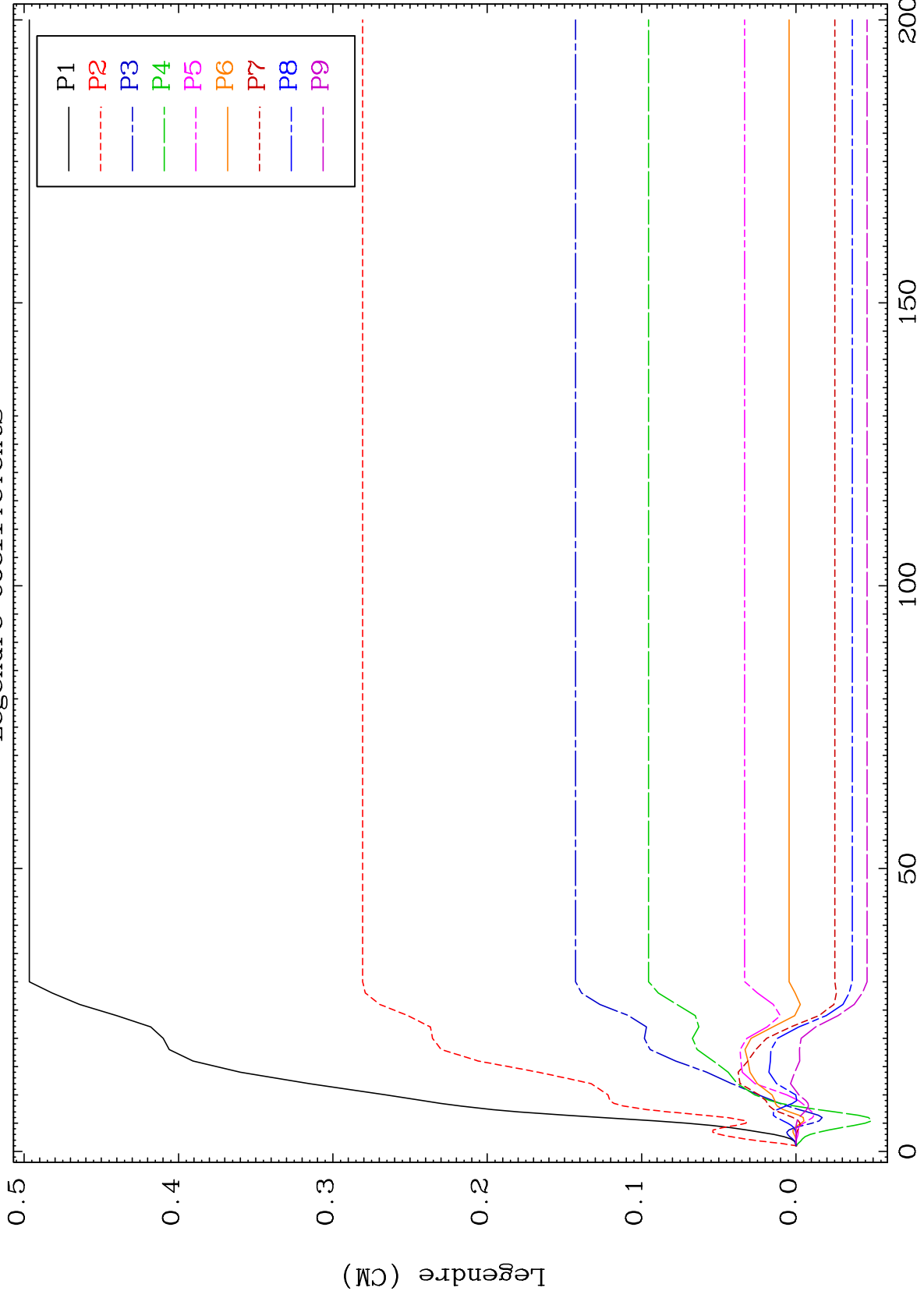
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



54-Xe-129

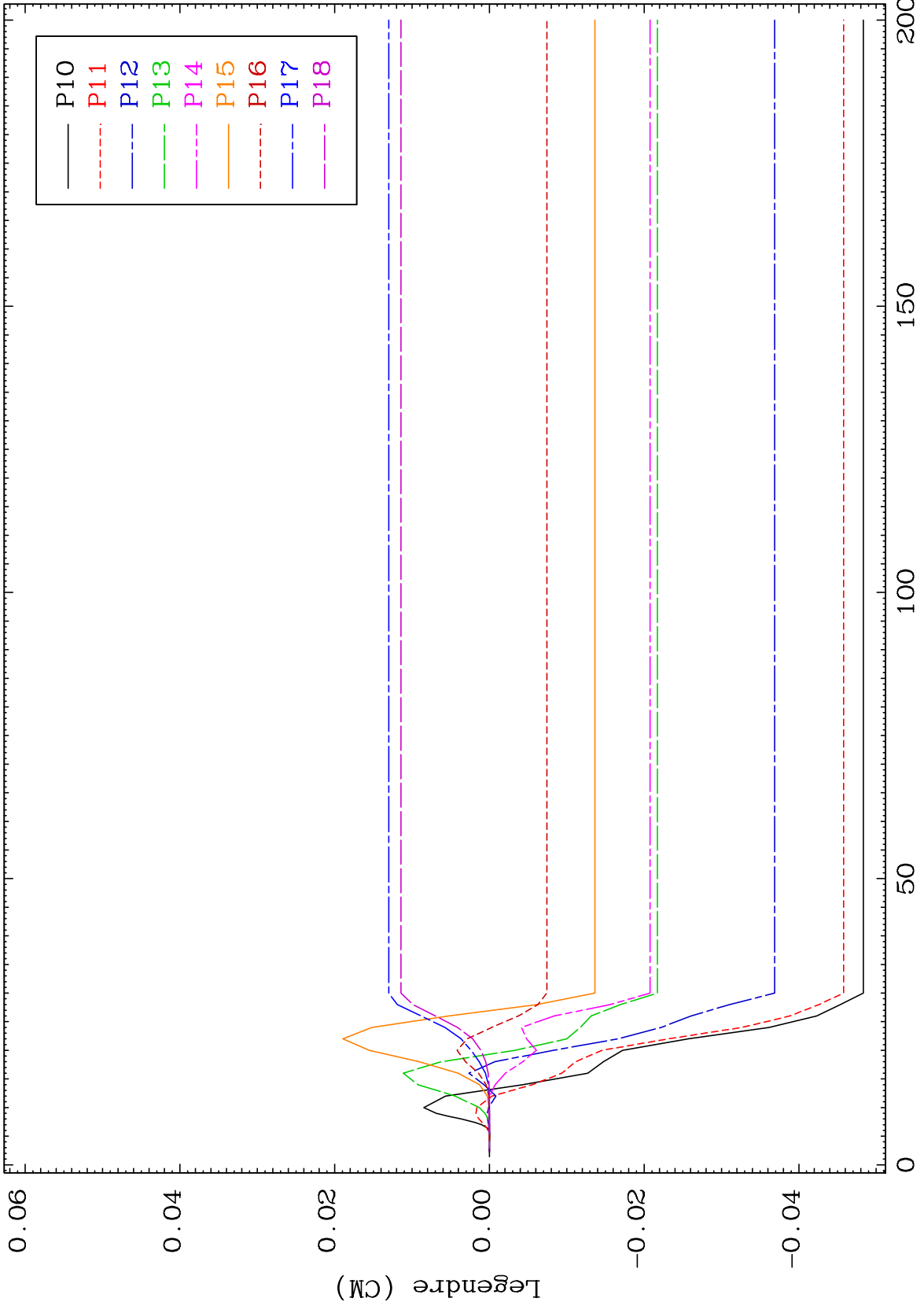
Incident Energy (MeV)

90

MAT 5440

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

54-Xe-129



91

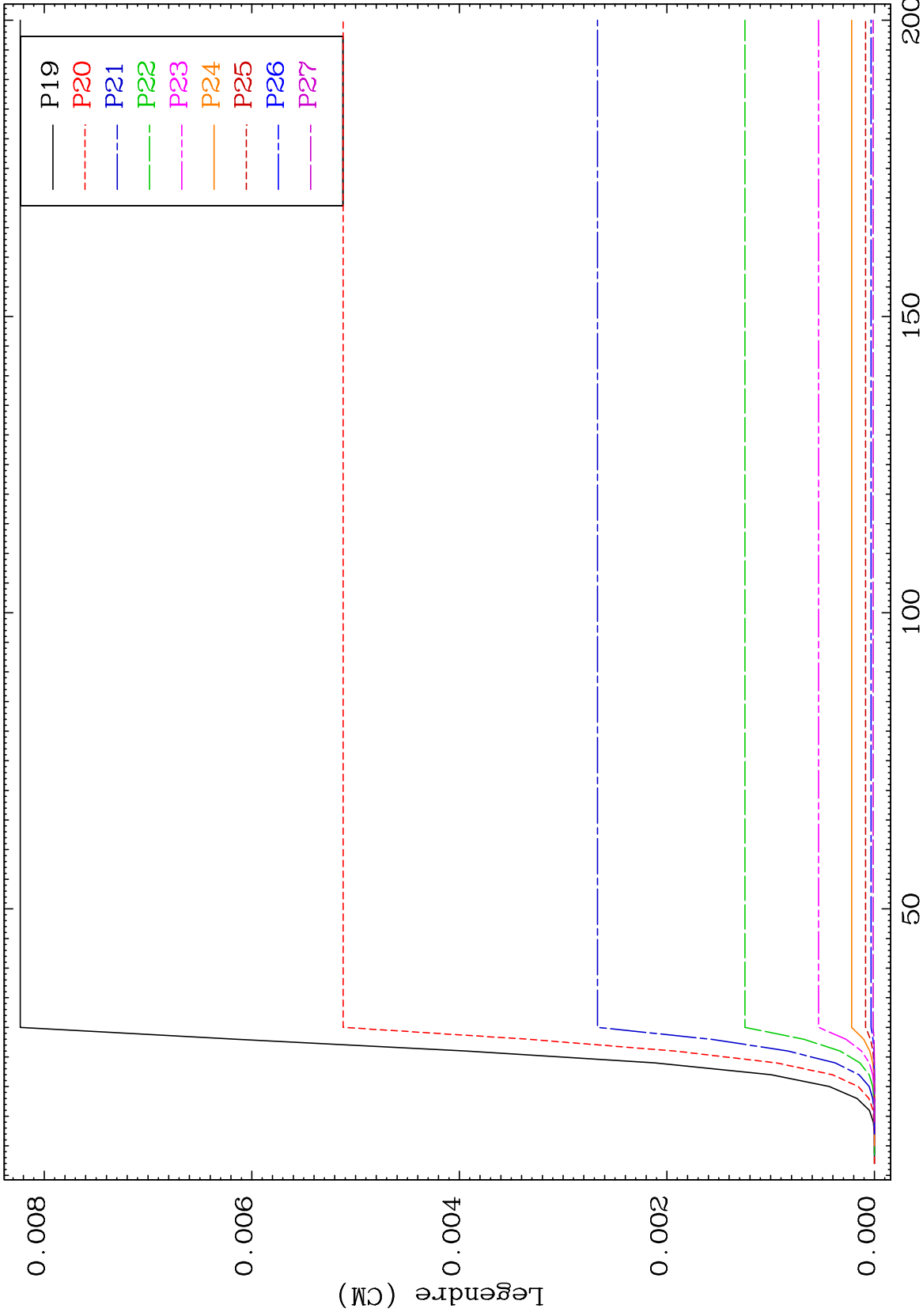
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



92

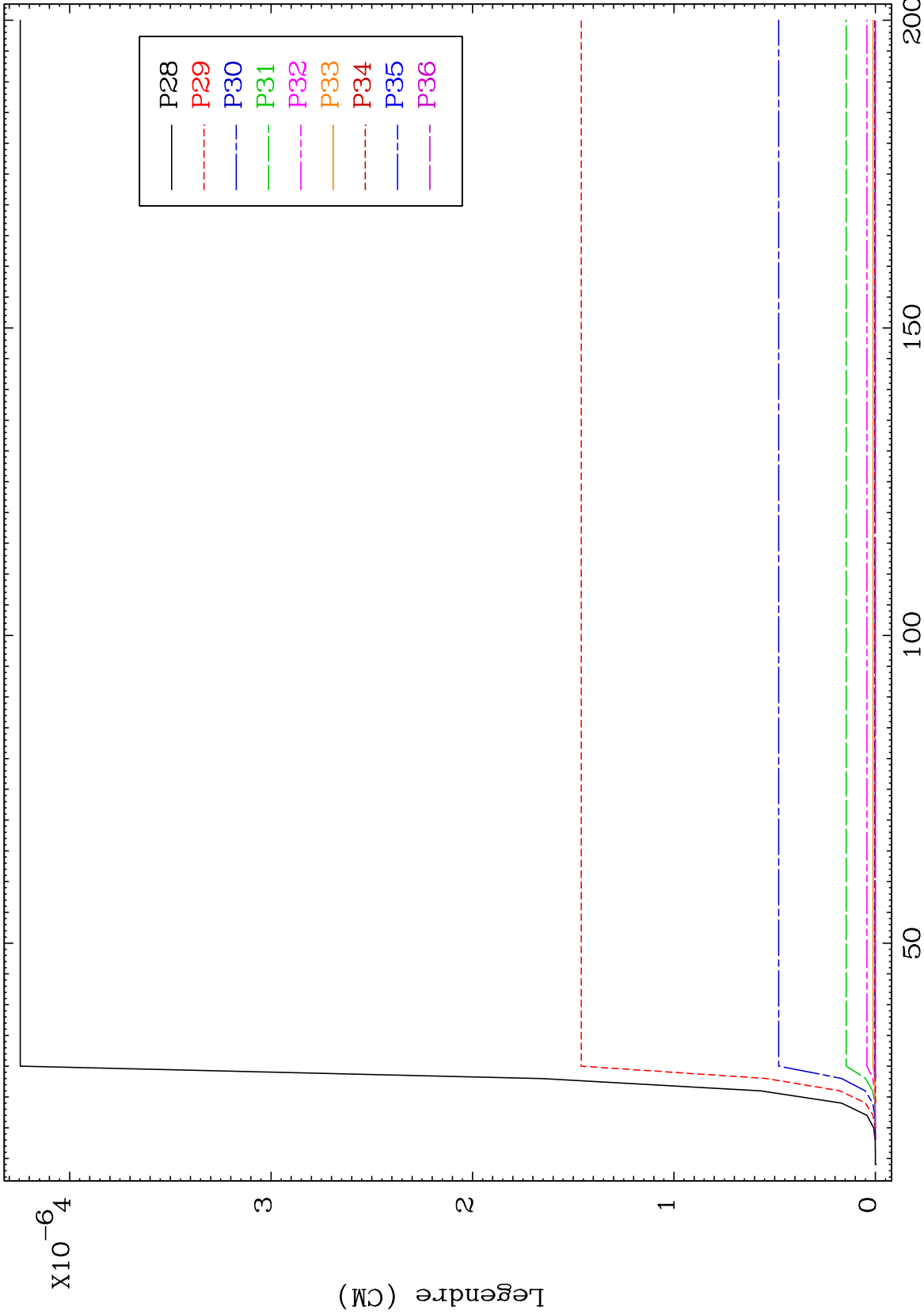
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



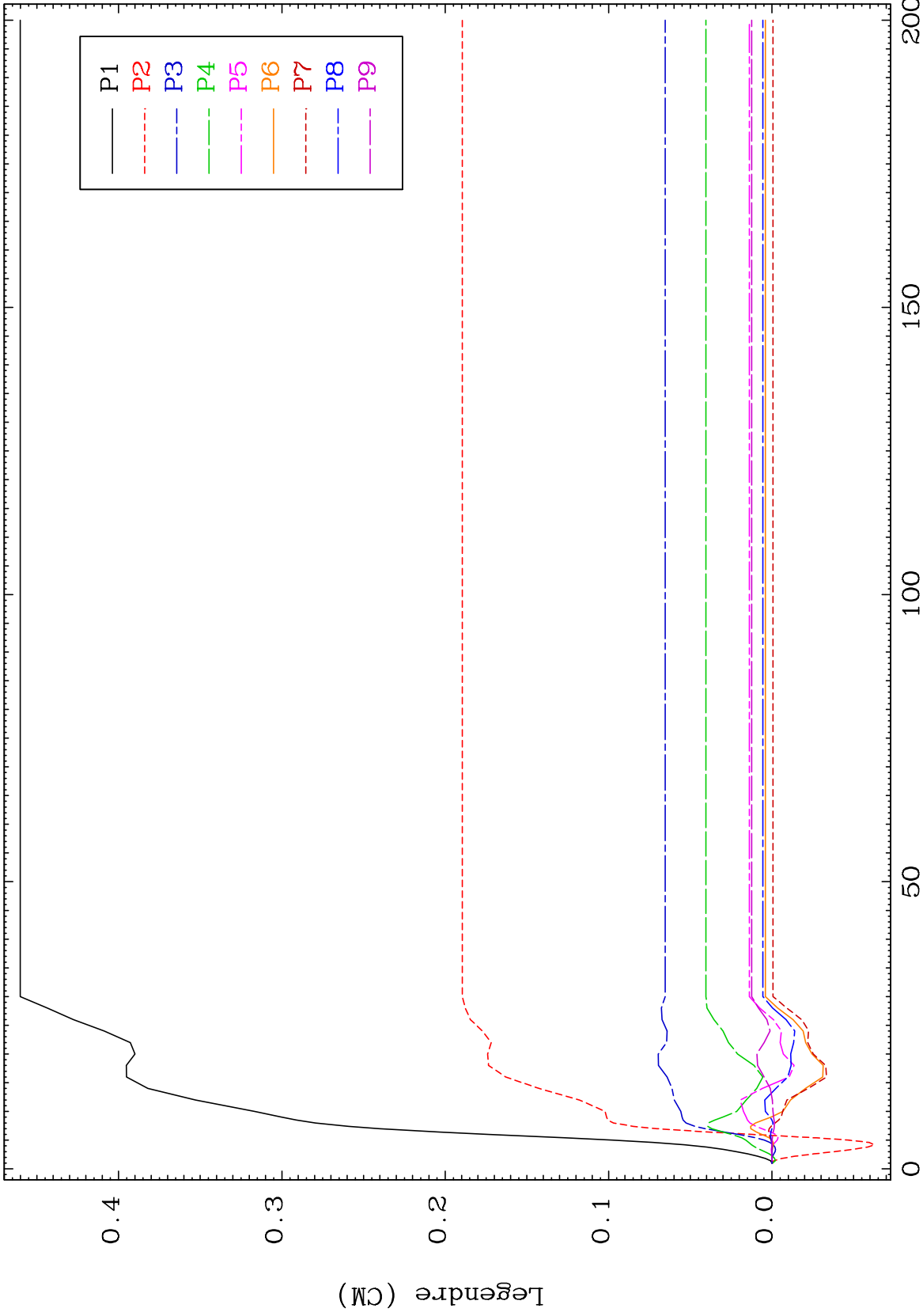
93

54-Xe-129

MAT 5440

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

54-Xe-129



94

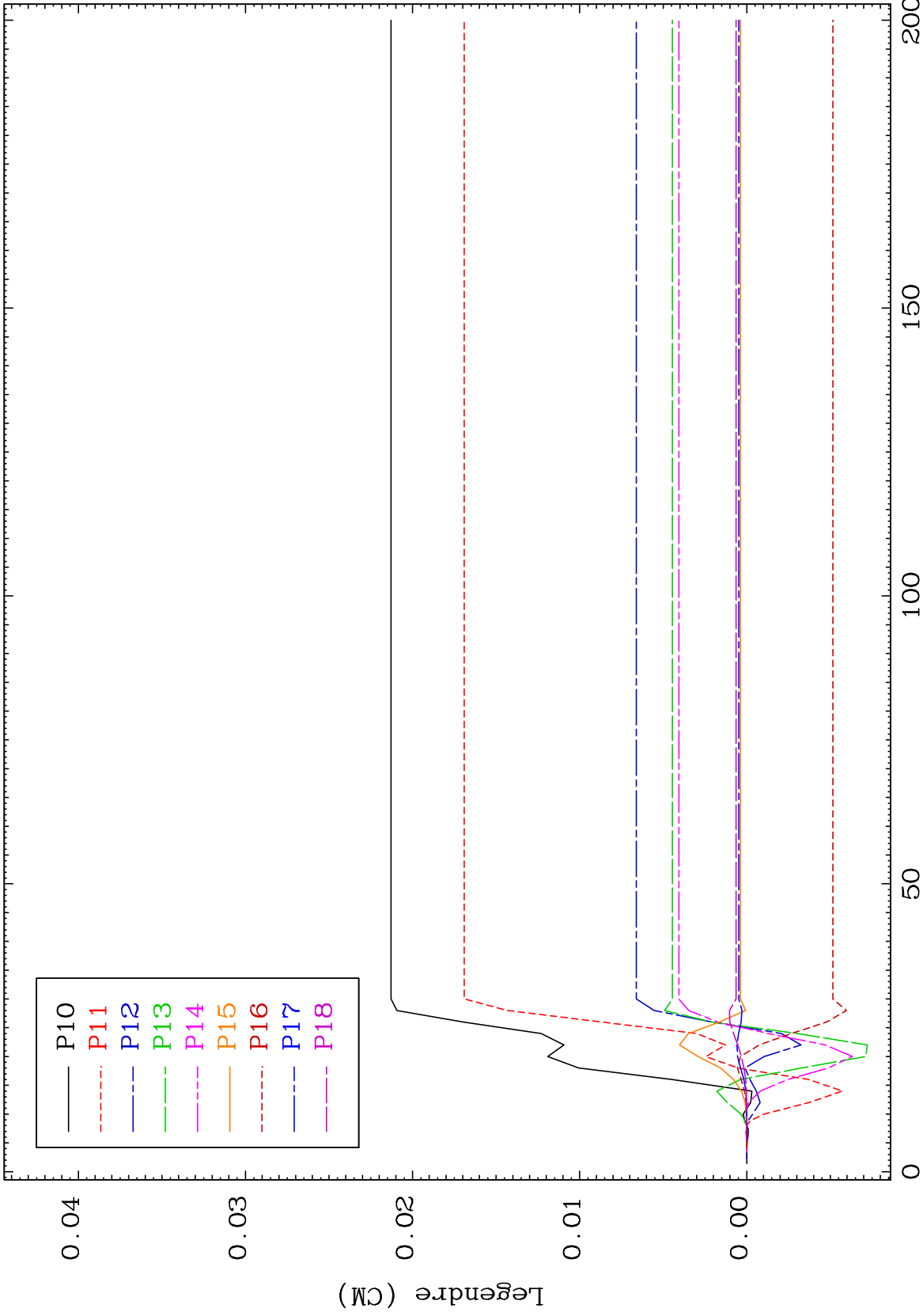
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



95

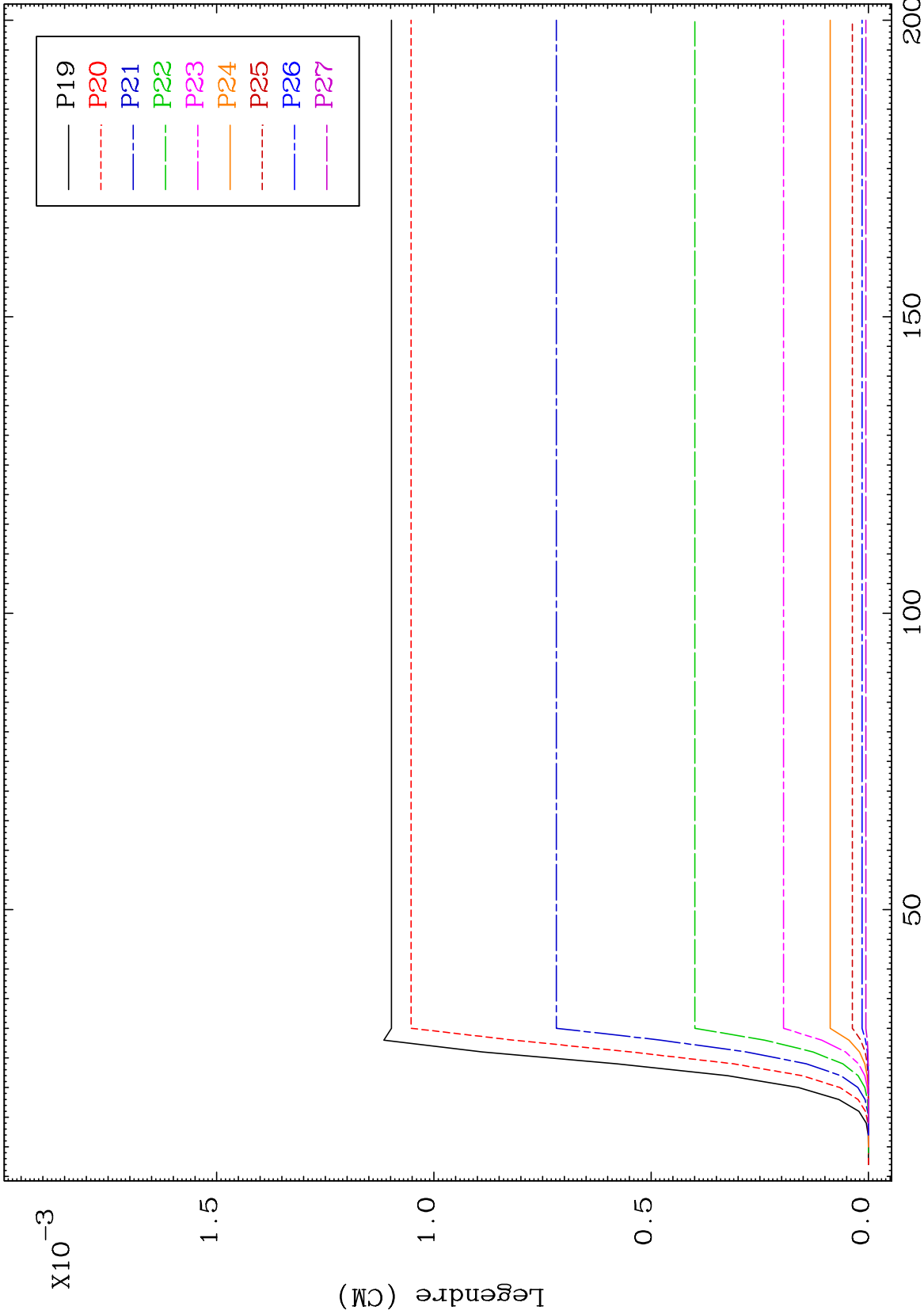
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



96

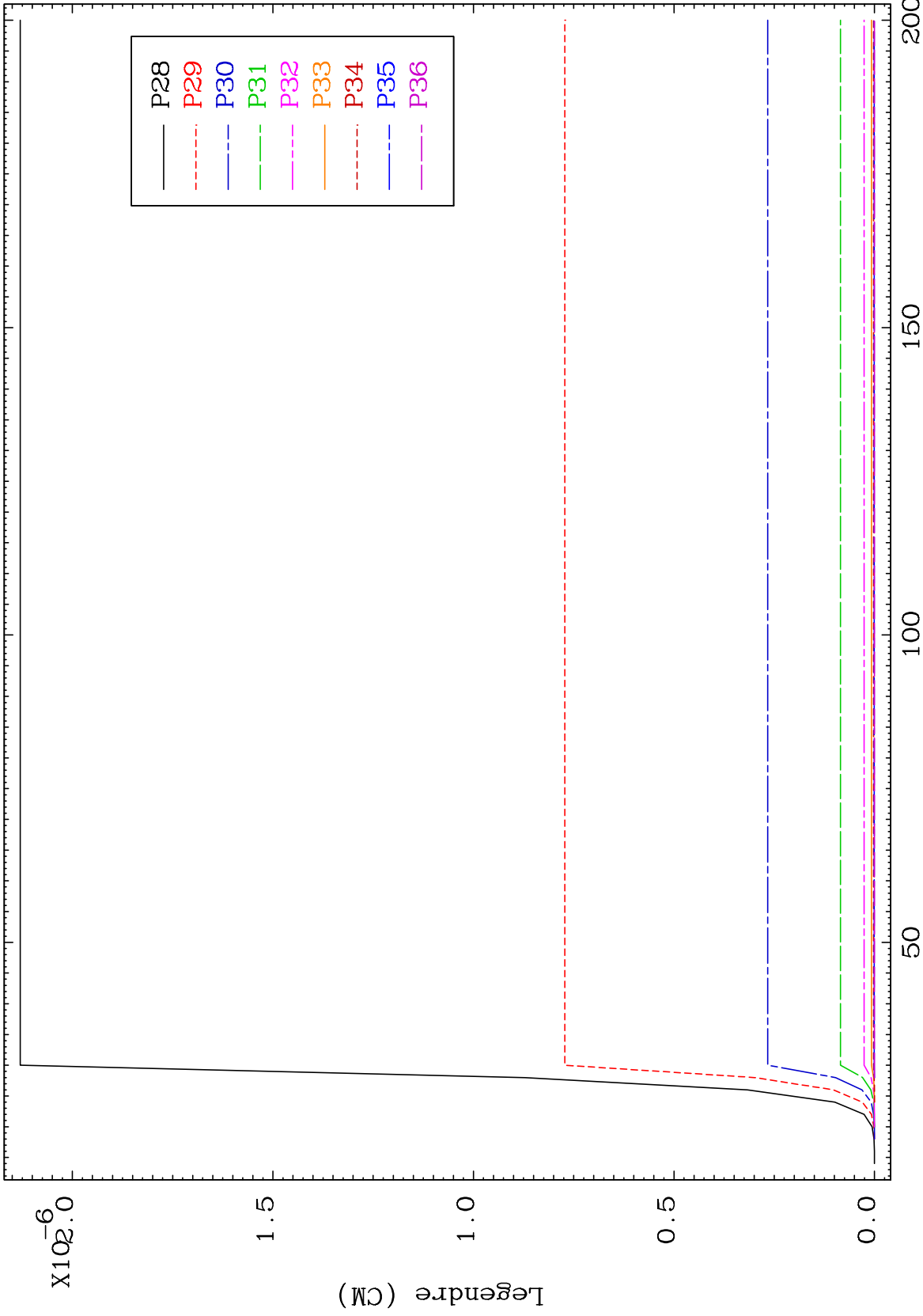
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



97

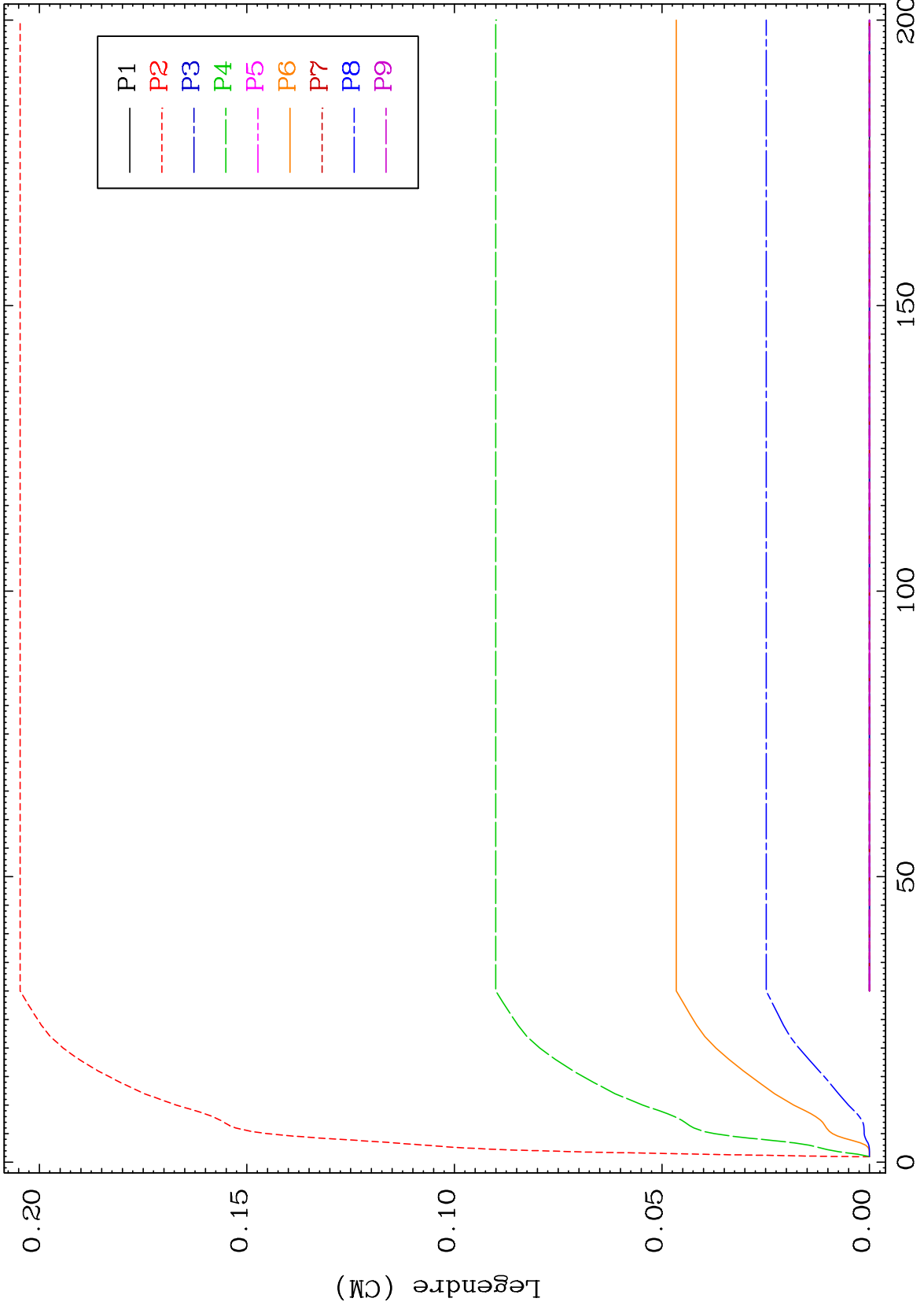
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



98

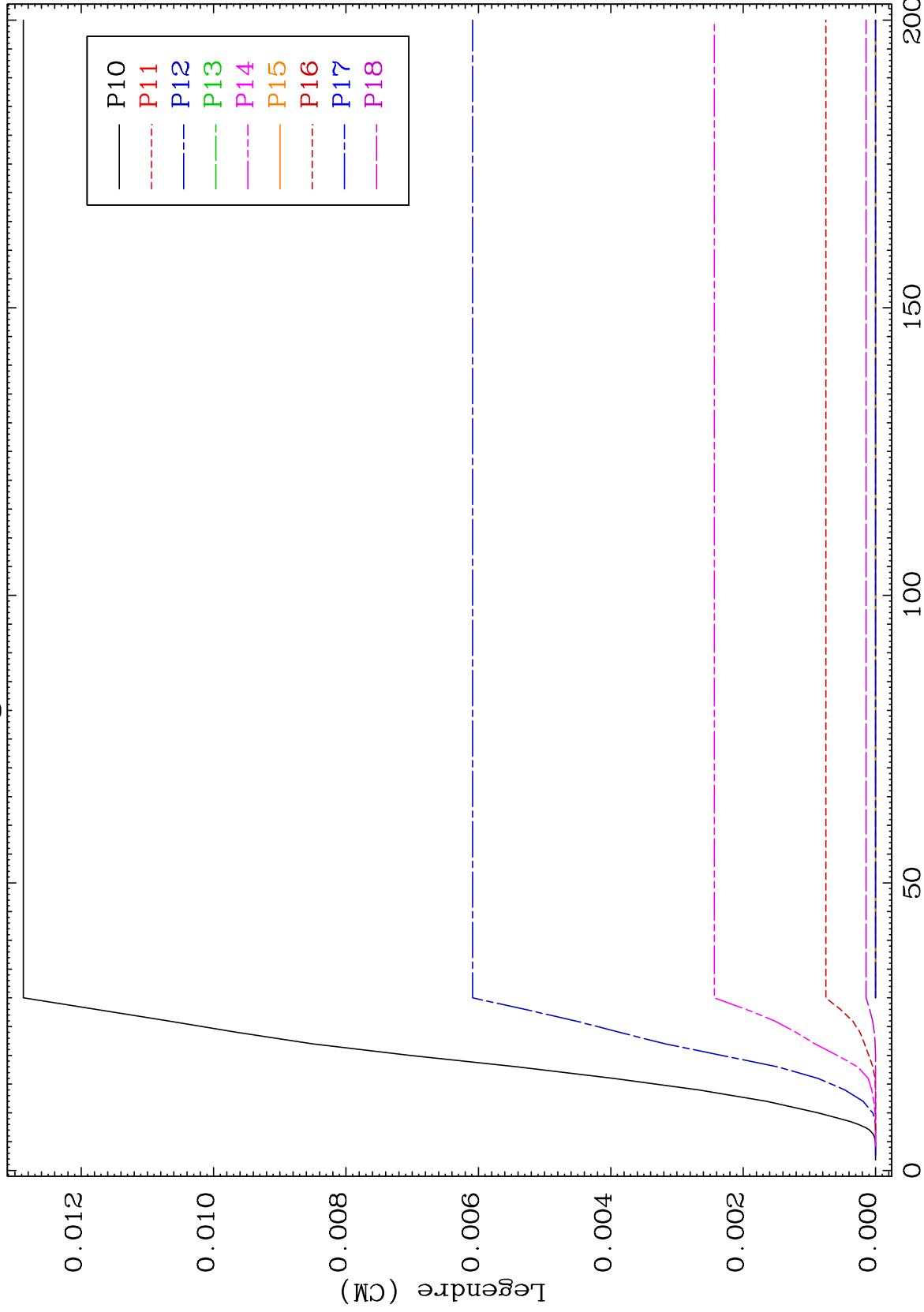
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129

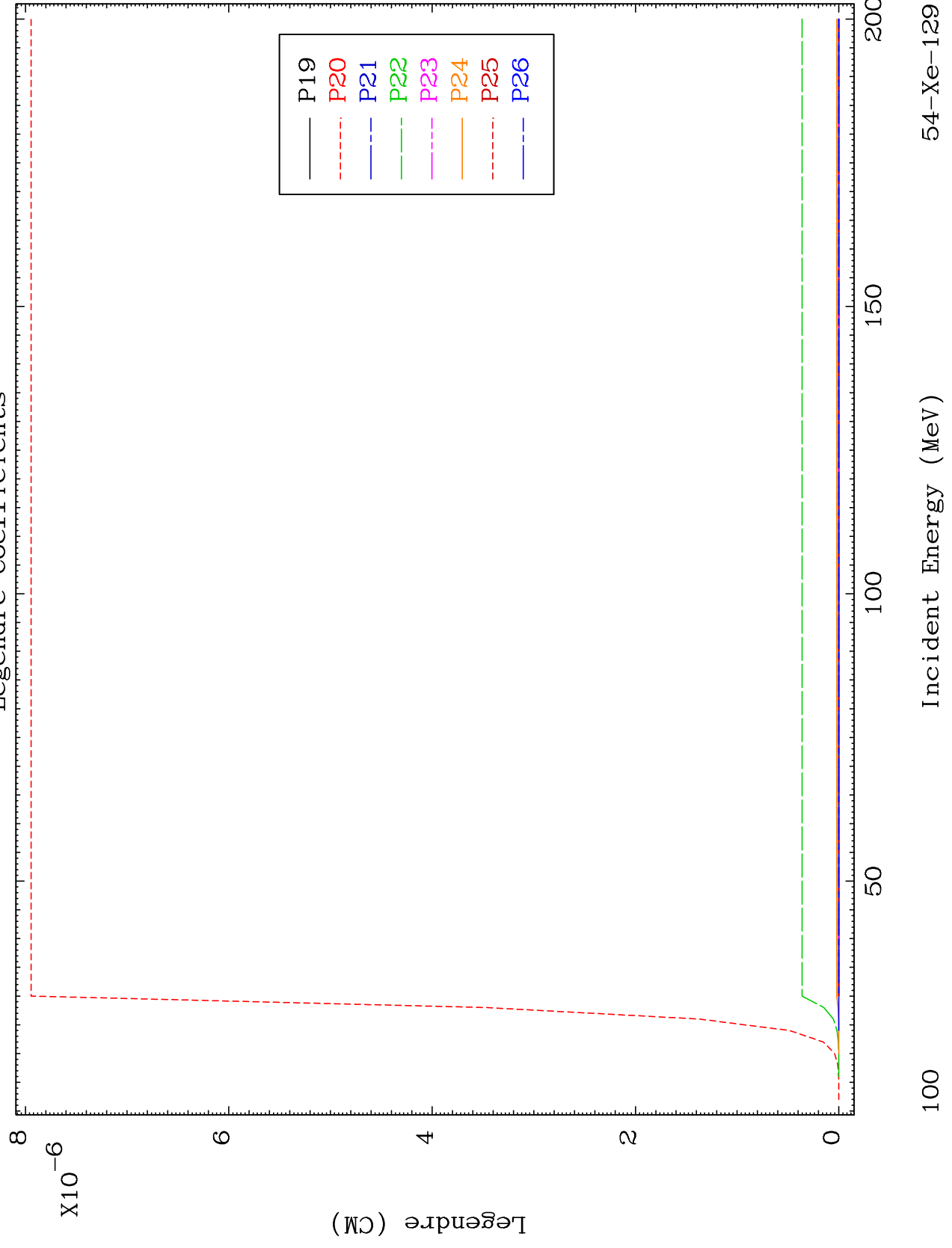


99

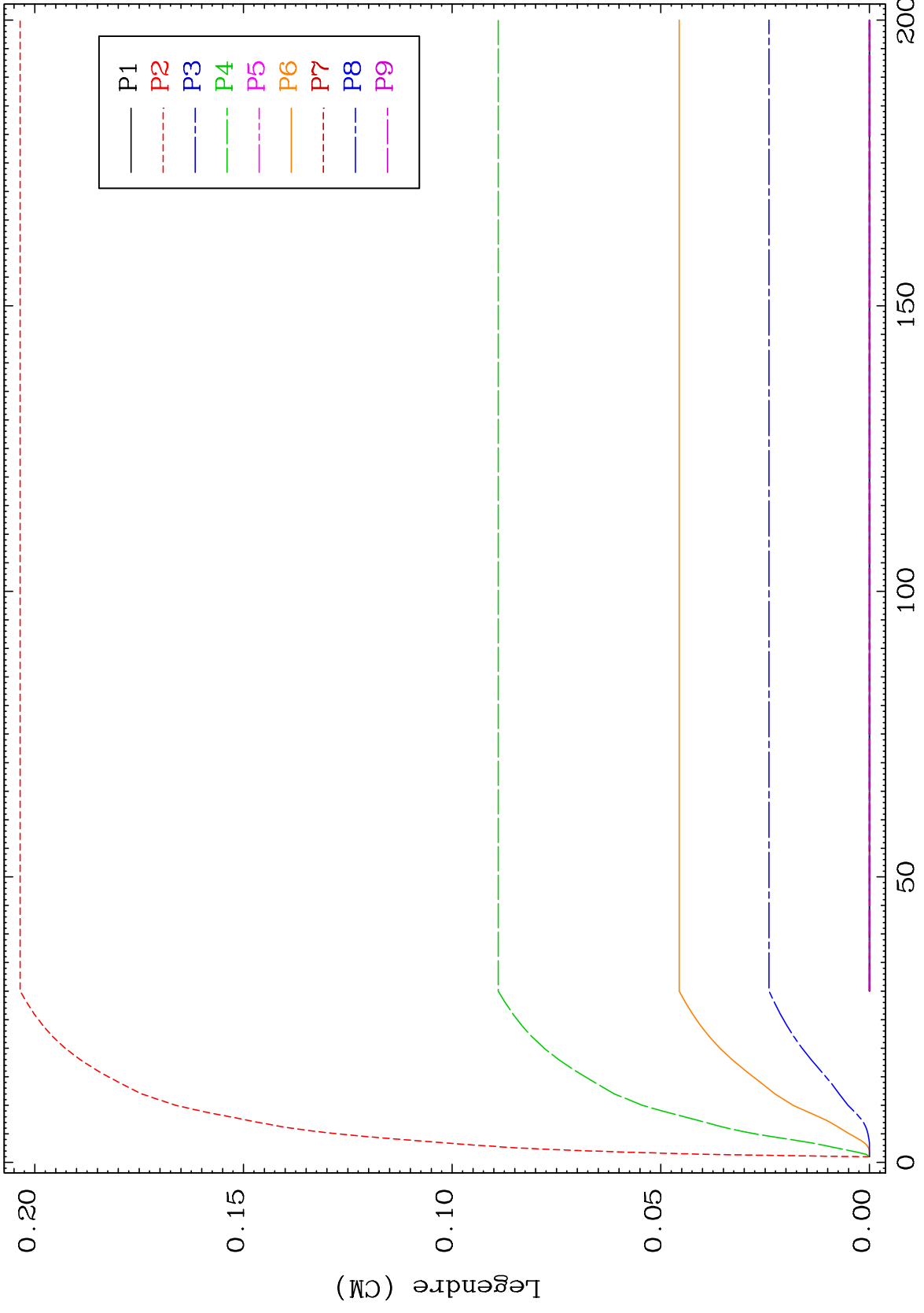
Incident Energy (MeV)

54-Xe-129

MAT 5440 MT= 72 (n,n') Level Legendre Coefficients 54-Xe-129



MAT 5440 MT= 73 (n,n') Level Legendre Coefficients 54-Xe-129

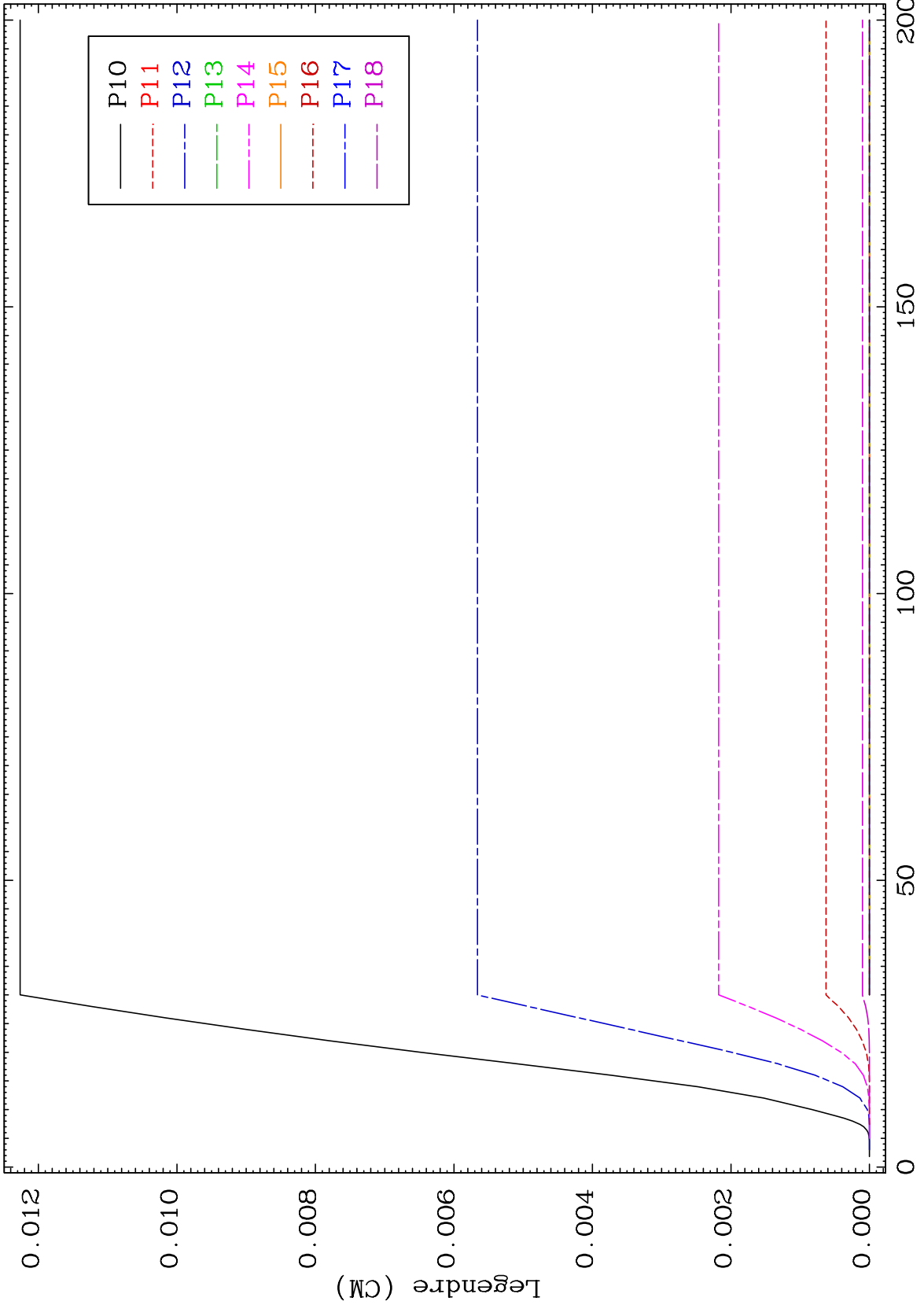


101 54-Xe-129

MAT 5440

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

54-Xe-129

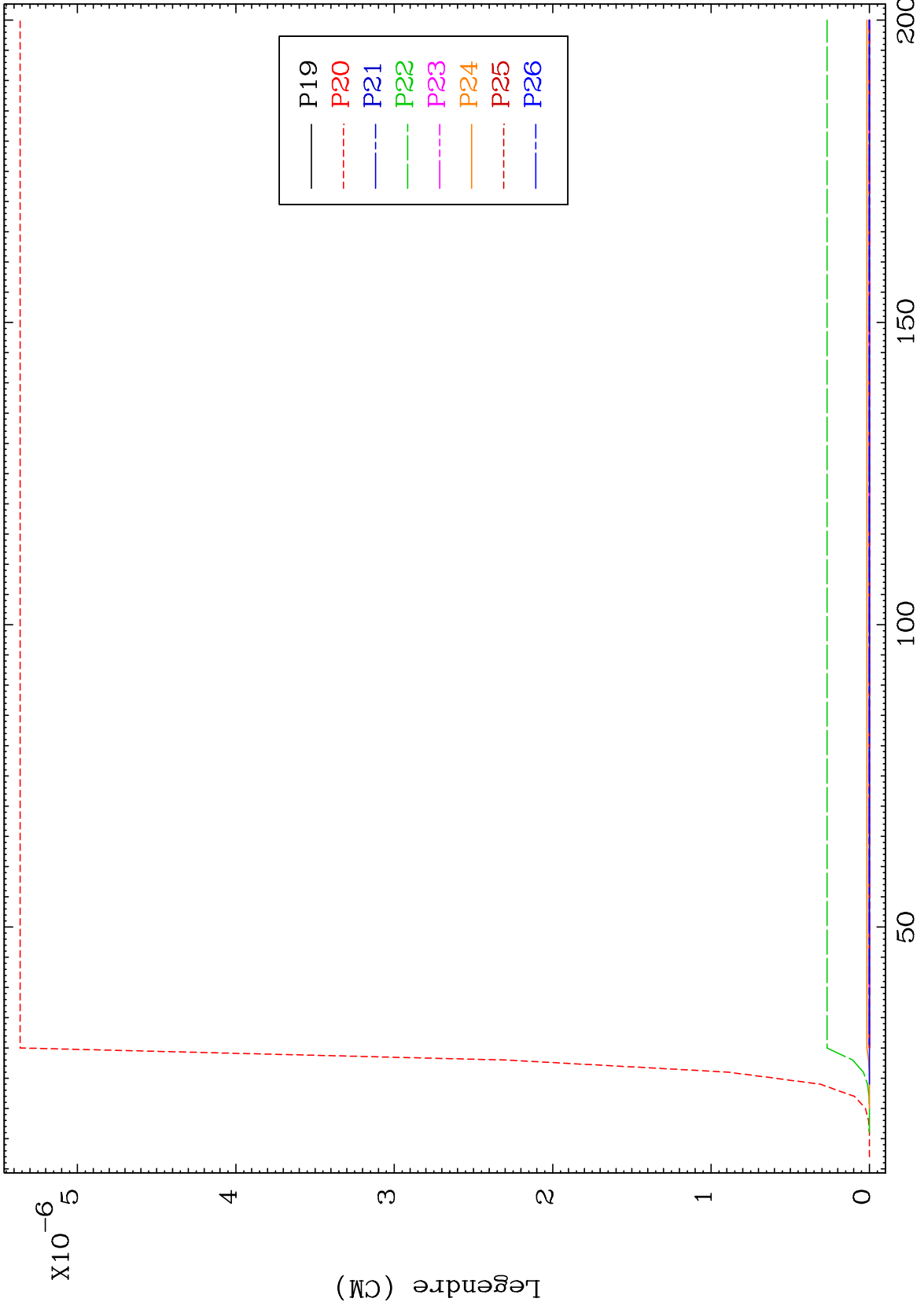


102

Incident Energy (MeV)

54-Xe-129

MAT 5440 MT= 73 (n,n') Level Legendre Coefficients 54-Xe-129

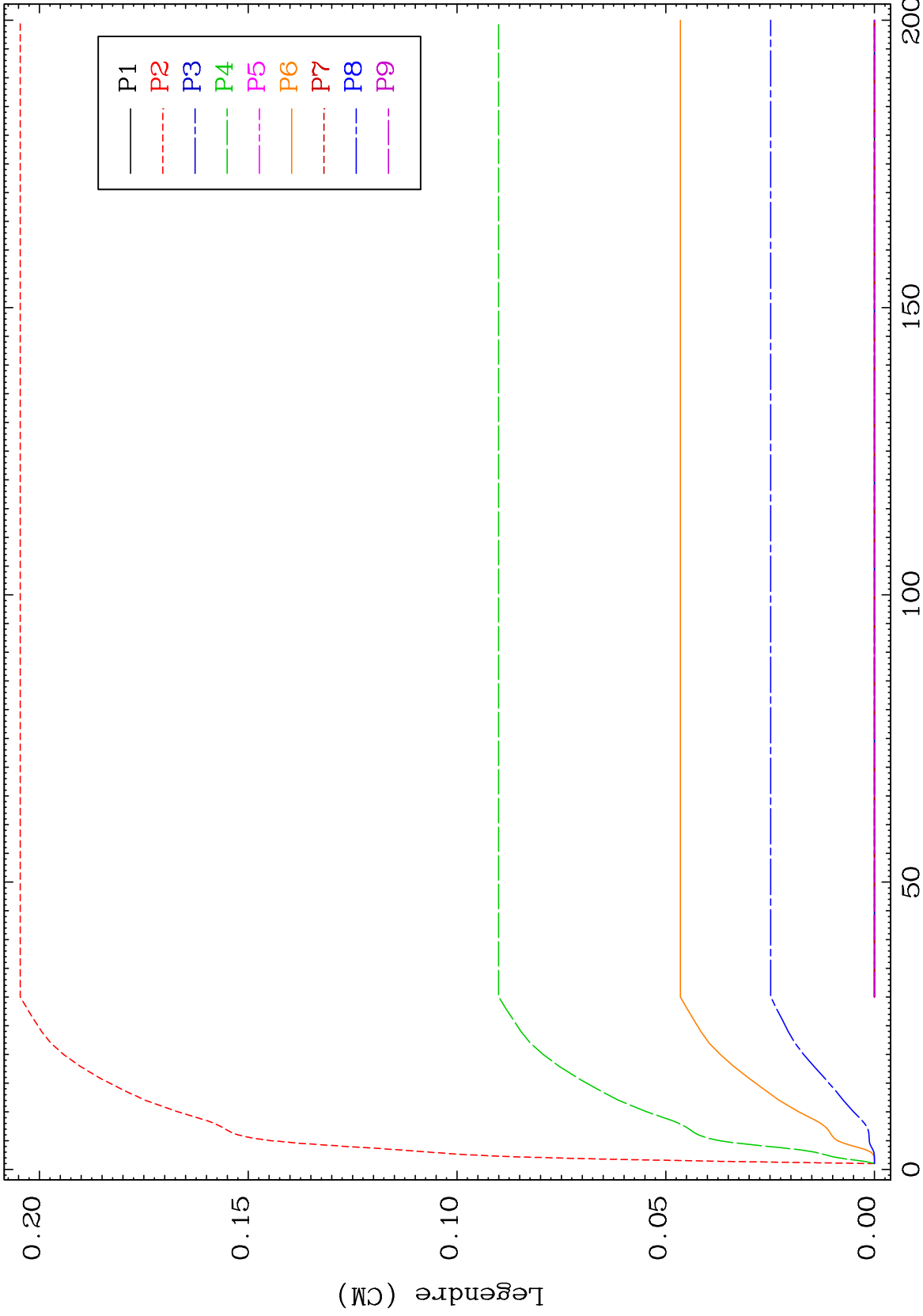


103 Incident Energy (MeV) 54-Xe-129

MAT 5440

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

54-Xe-129



104

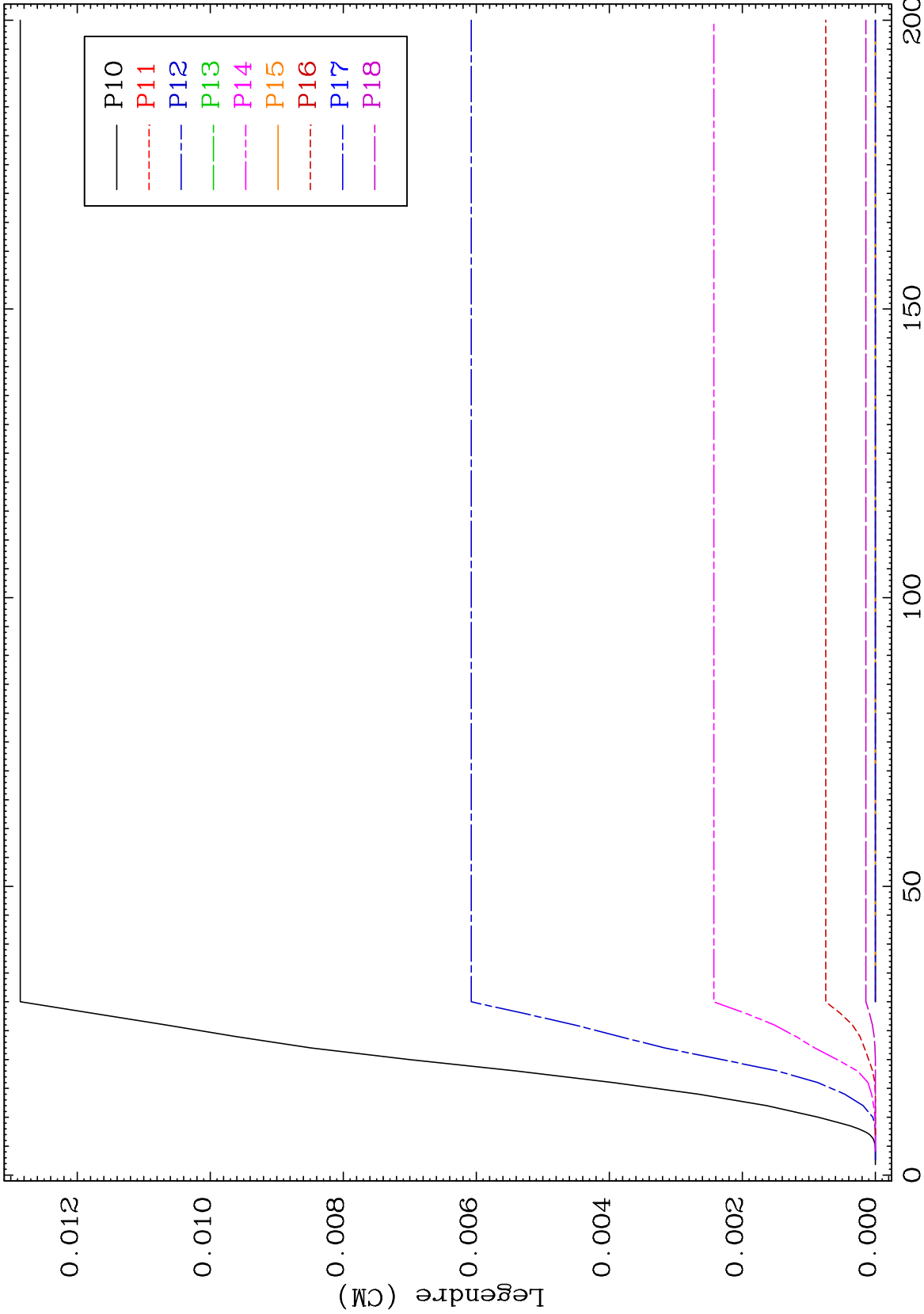
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



105

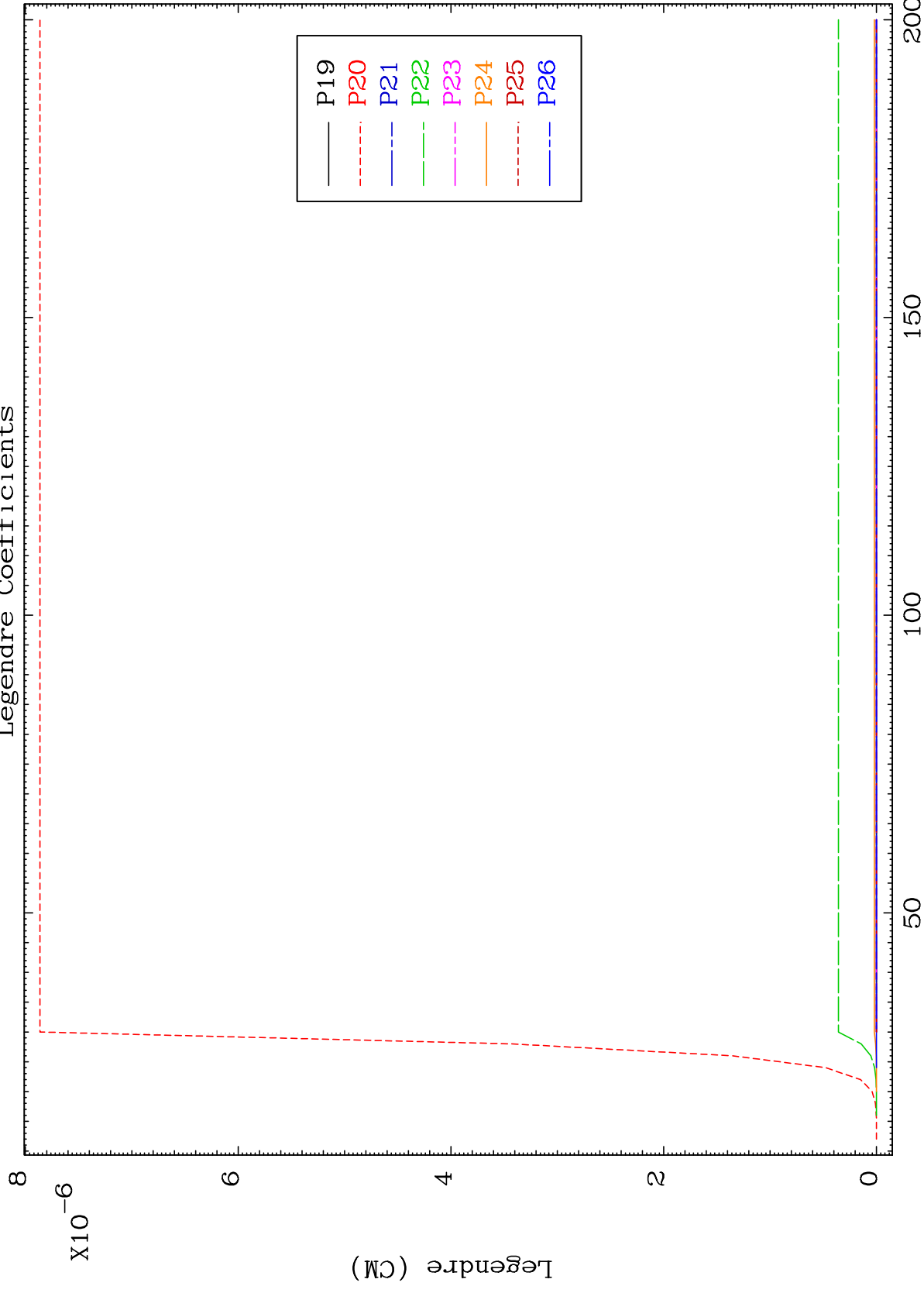
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



54-Xe-129

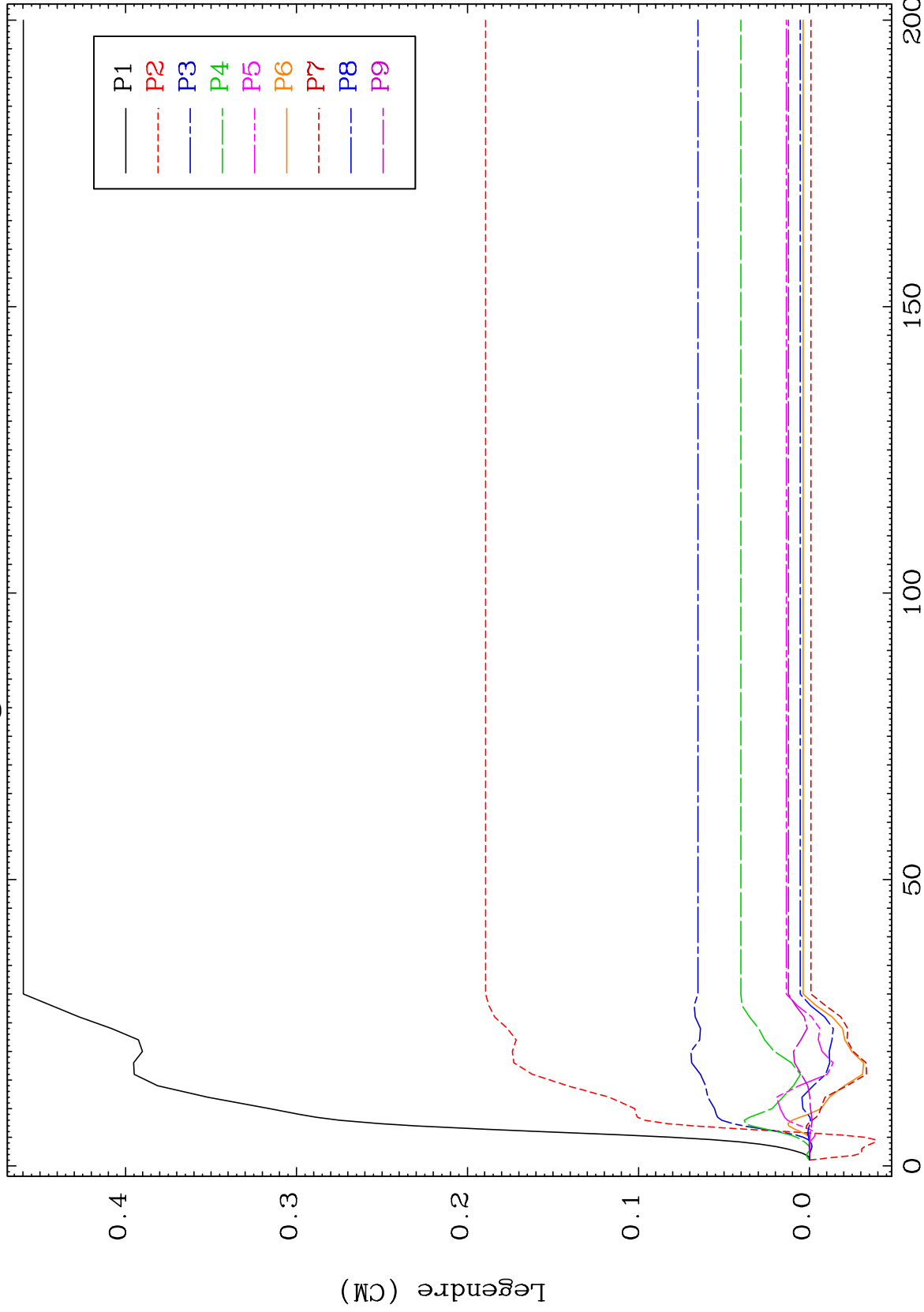
Incident Energy (MeV)

106

MAT 5440

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

54-Xe-129



107

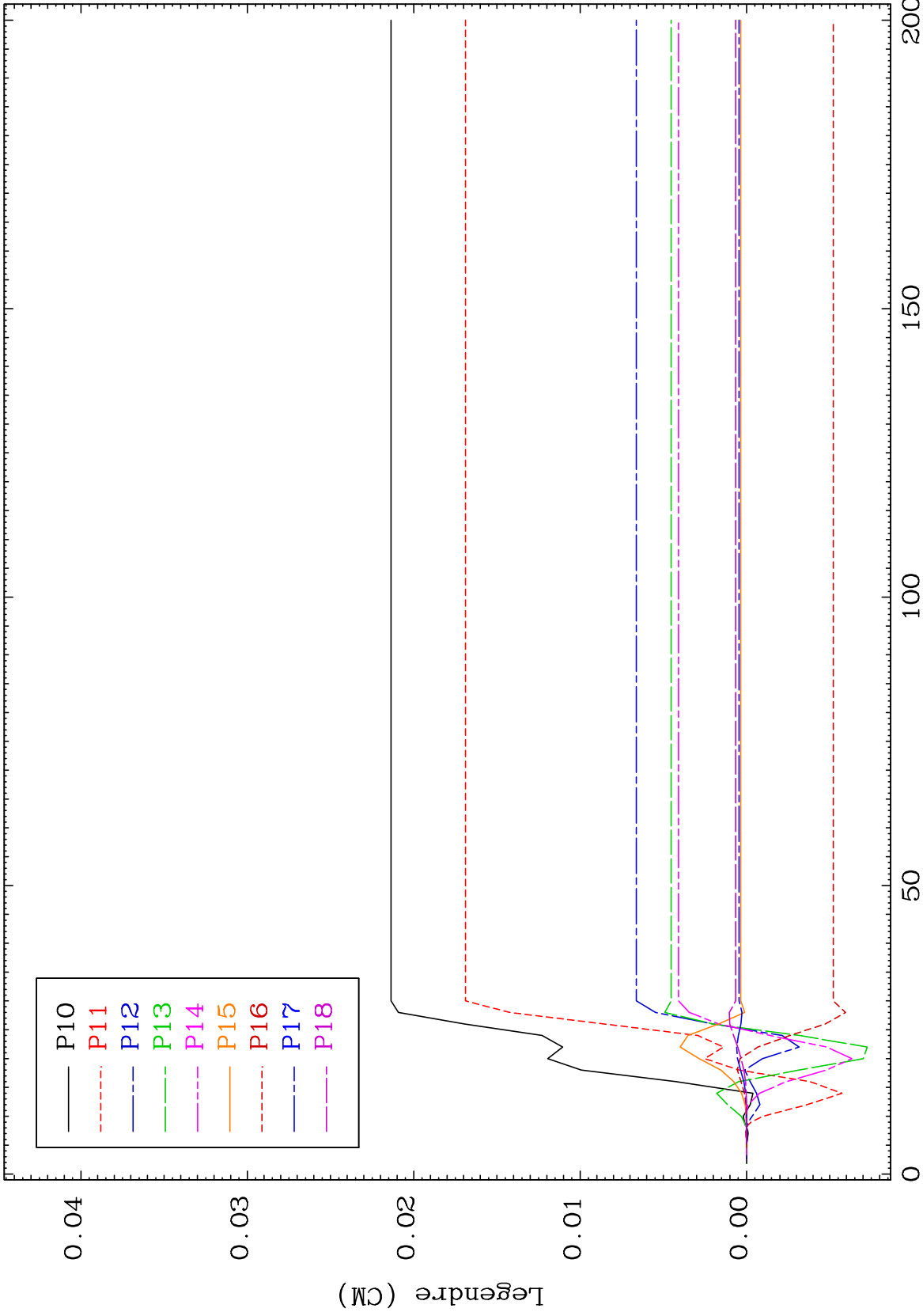
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



108

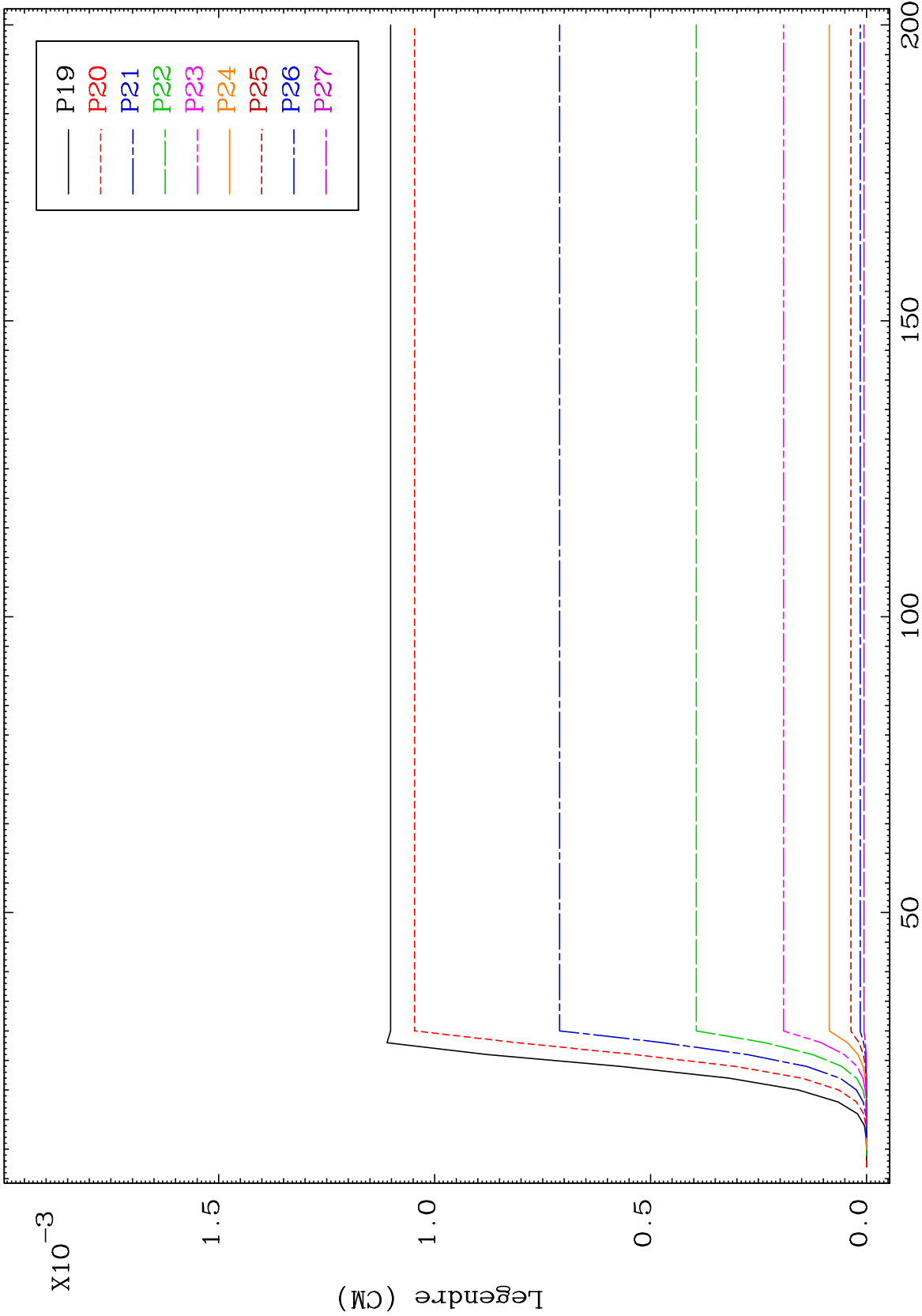
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



109

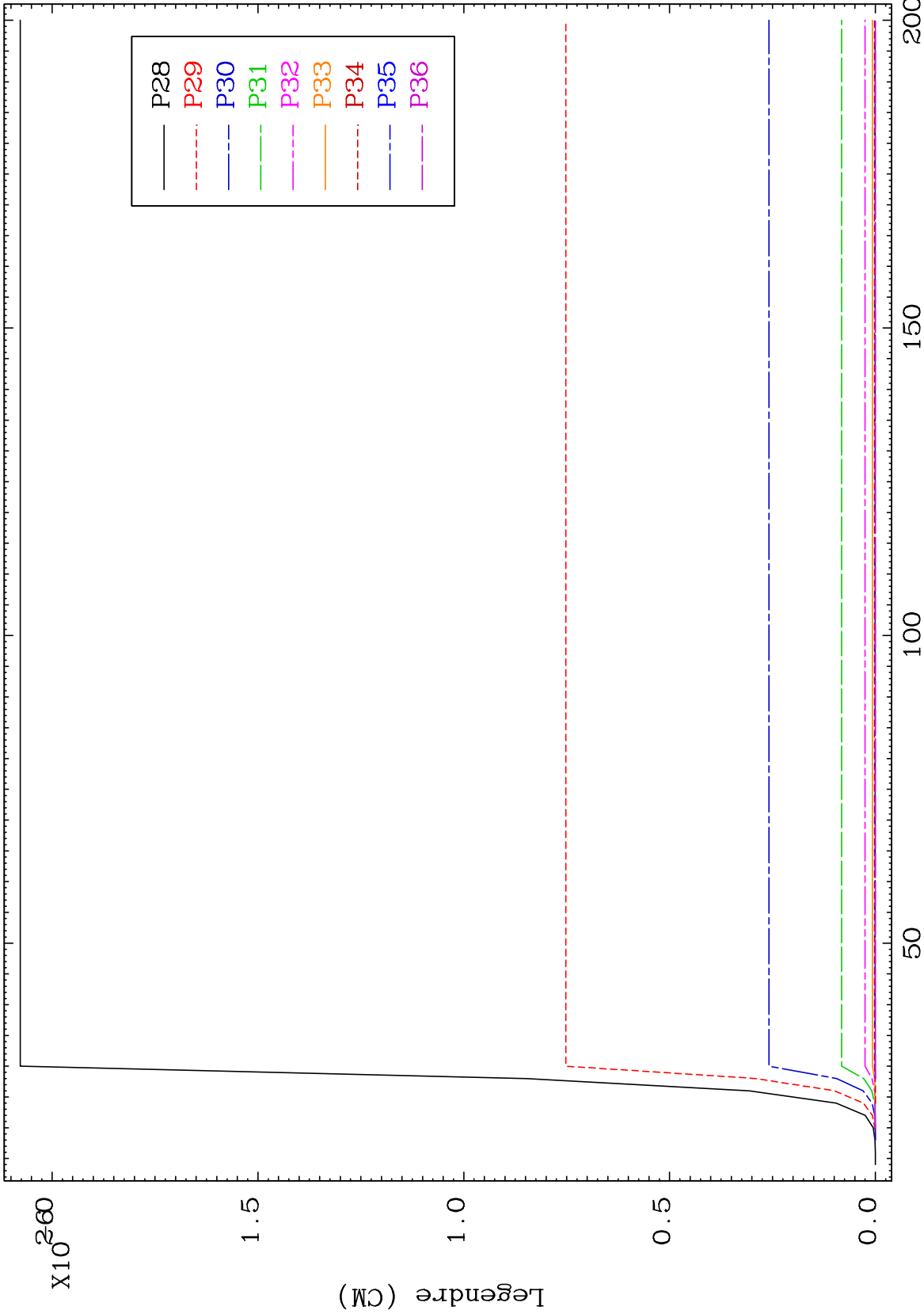
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



110

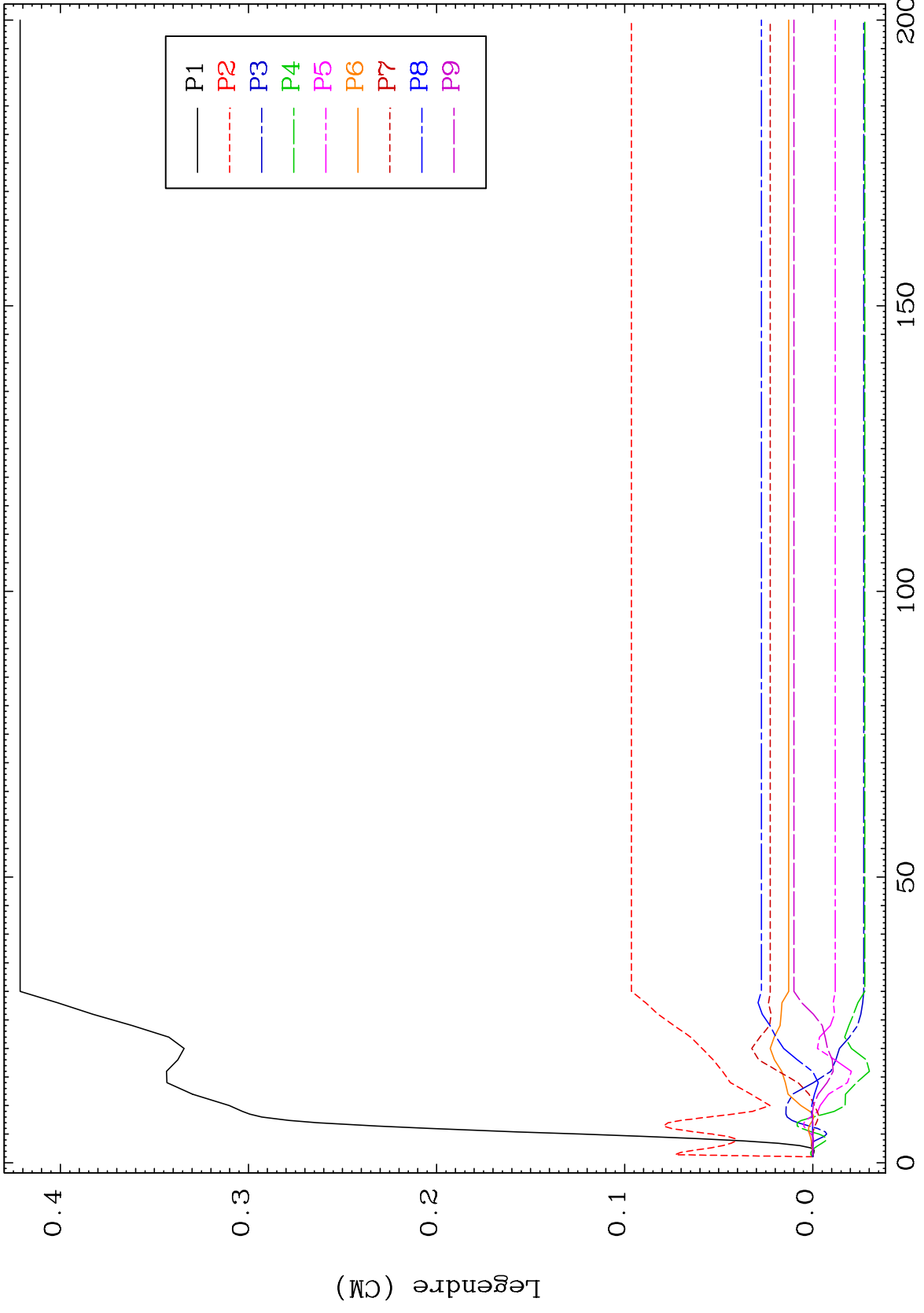
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



111

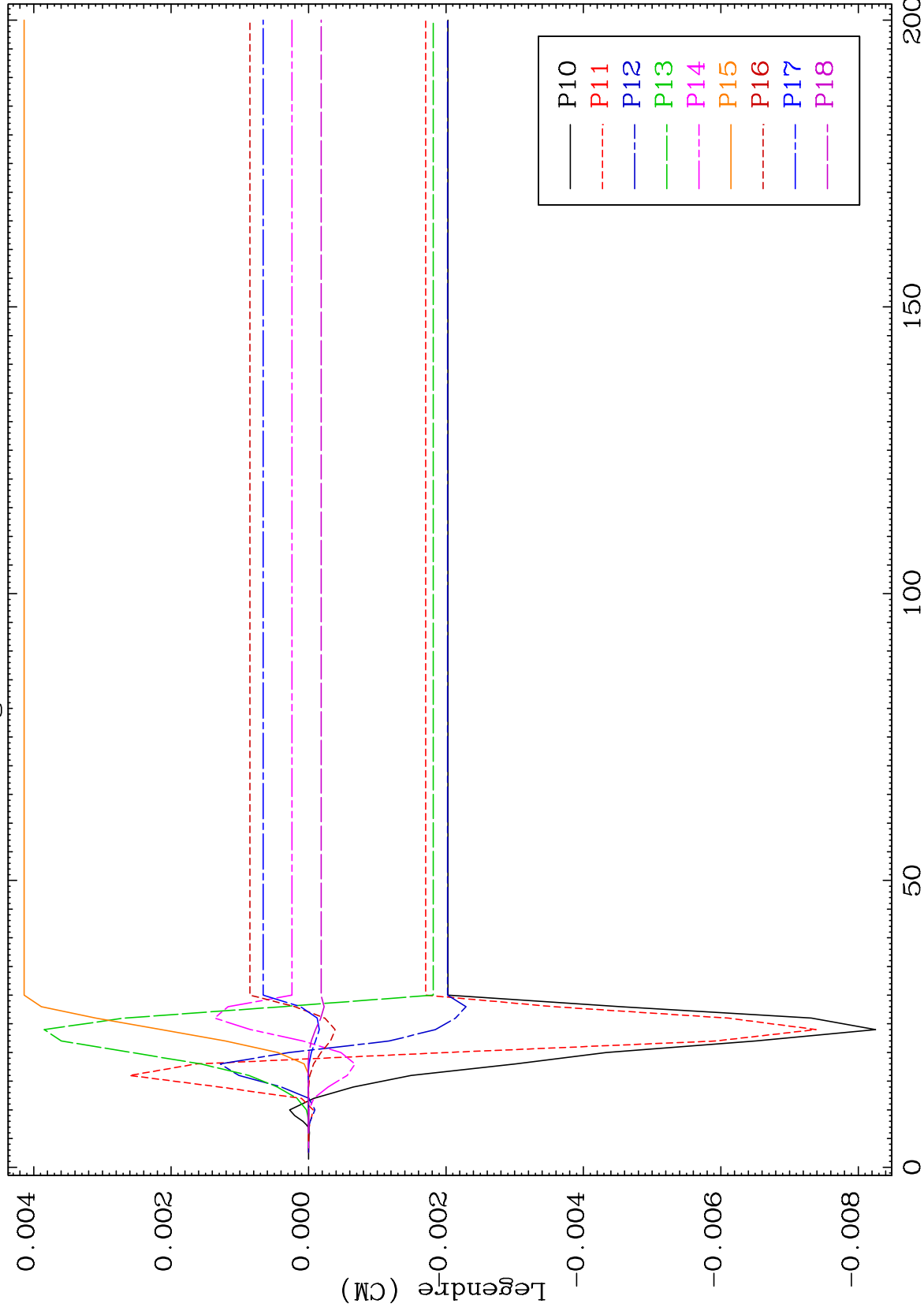
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



112

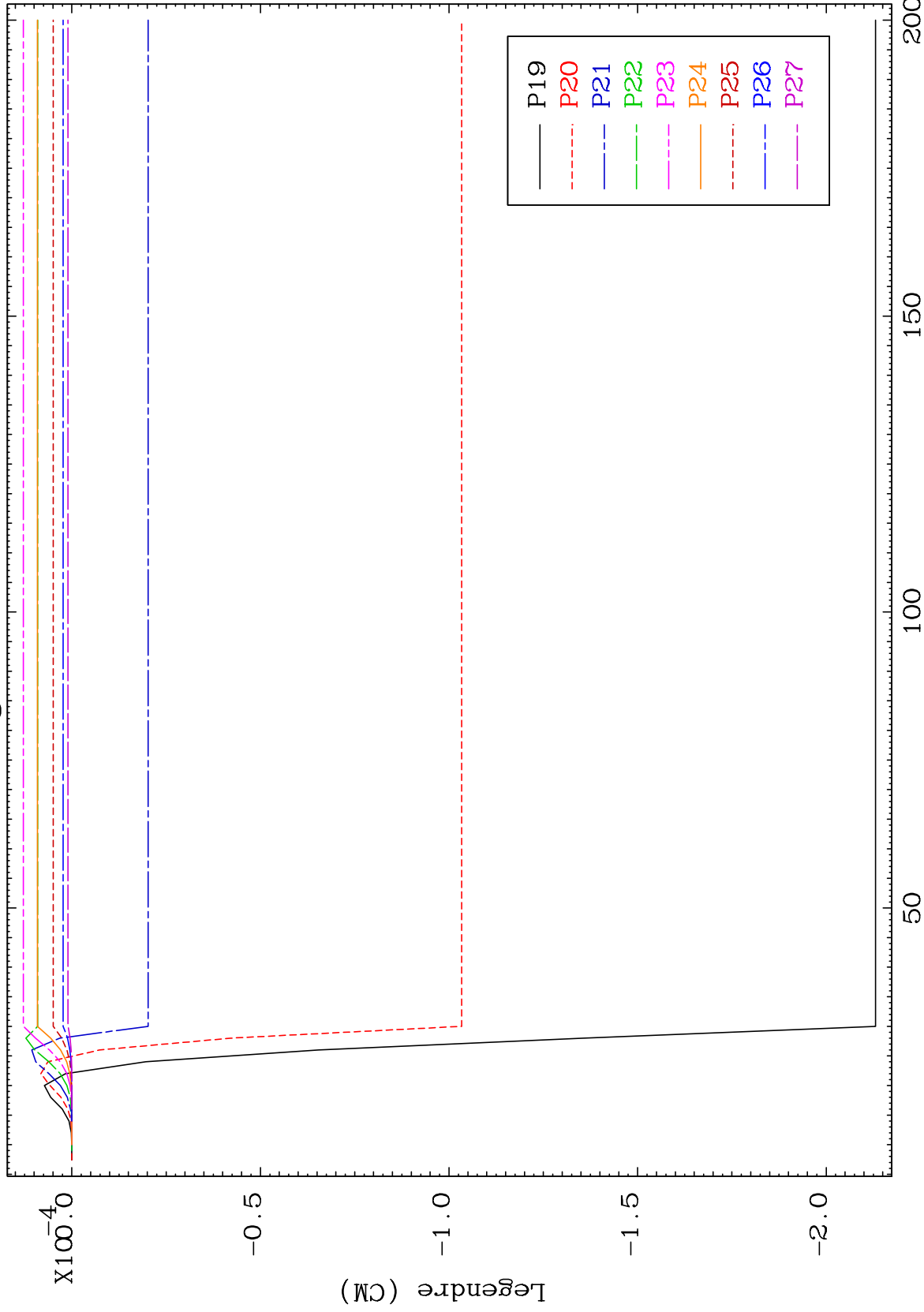
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



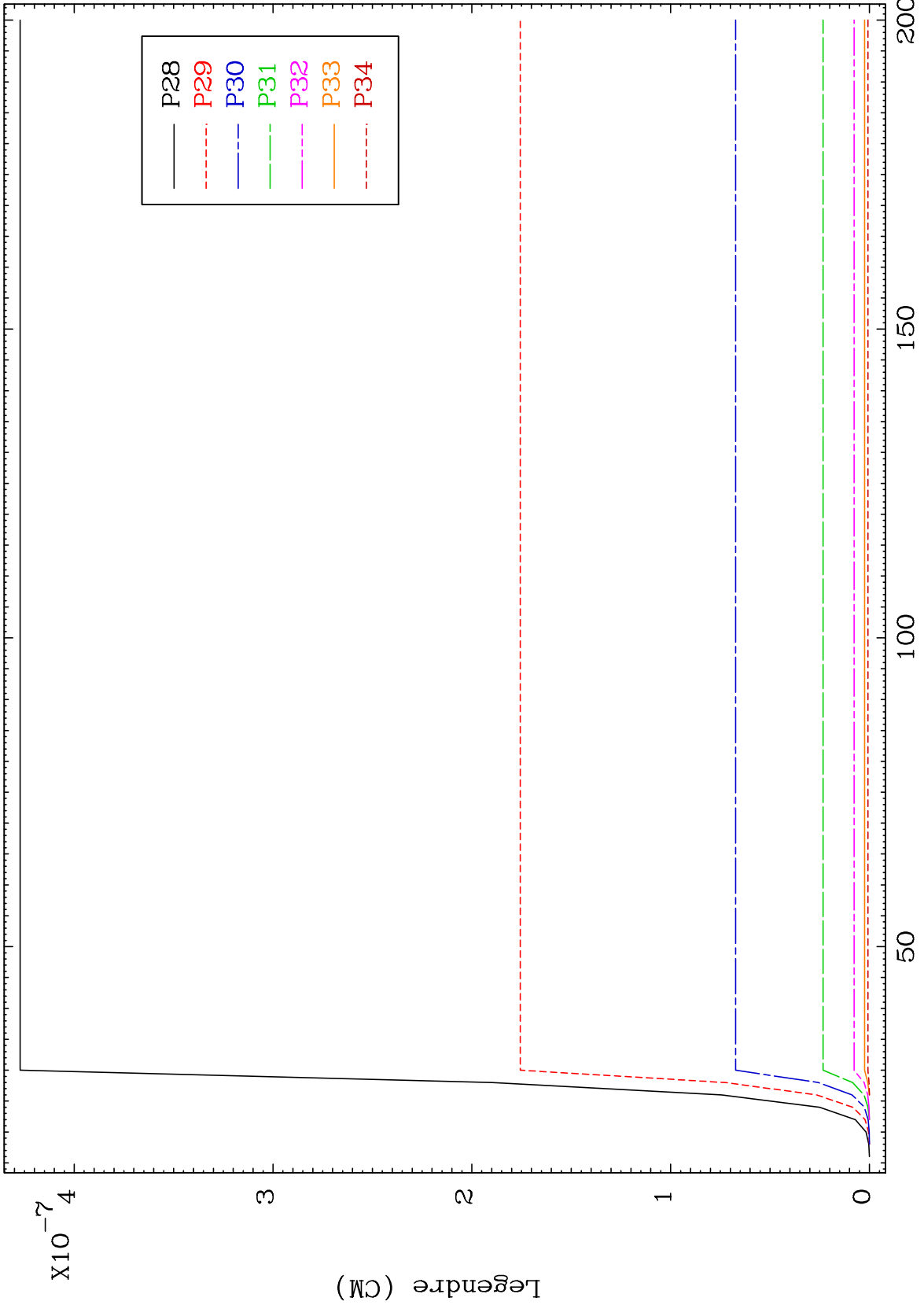
113

54-Xe-129

MAT 5440

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

54-Xe-129



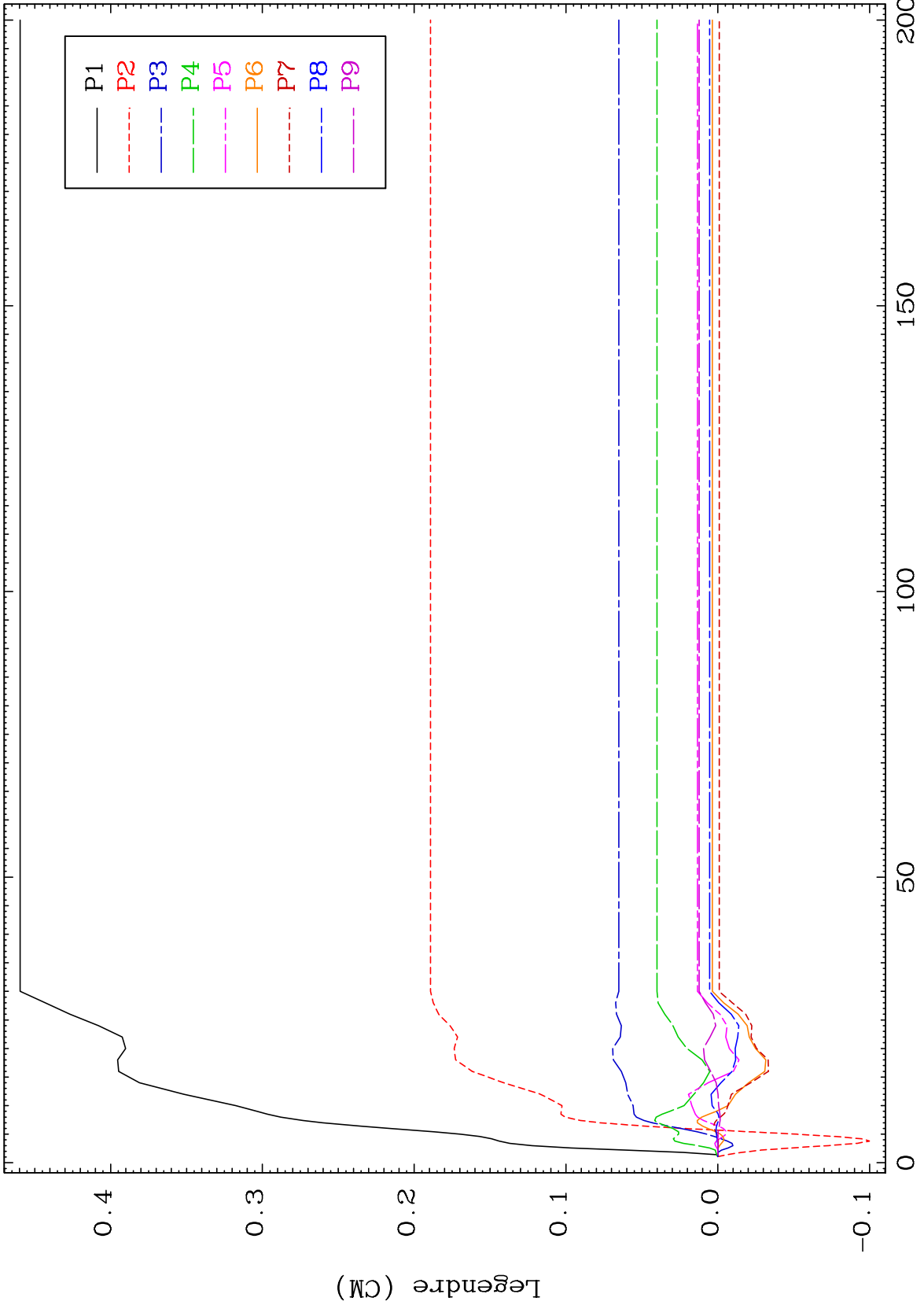
114

54-Xe-129

MAT 5440

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

54-Xe-129



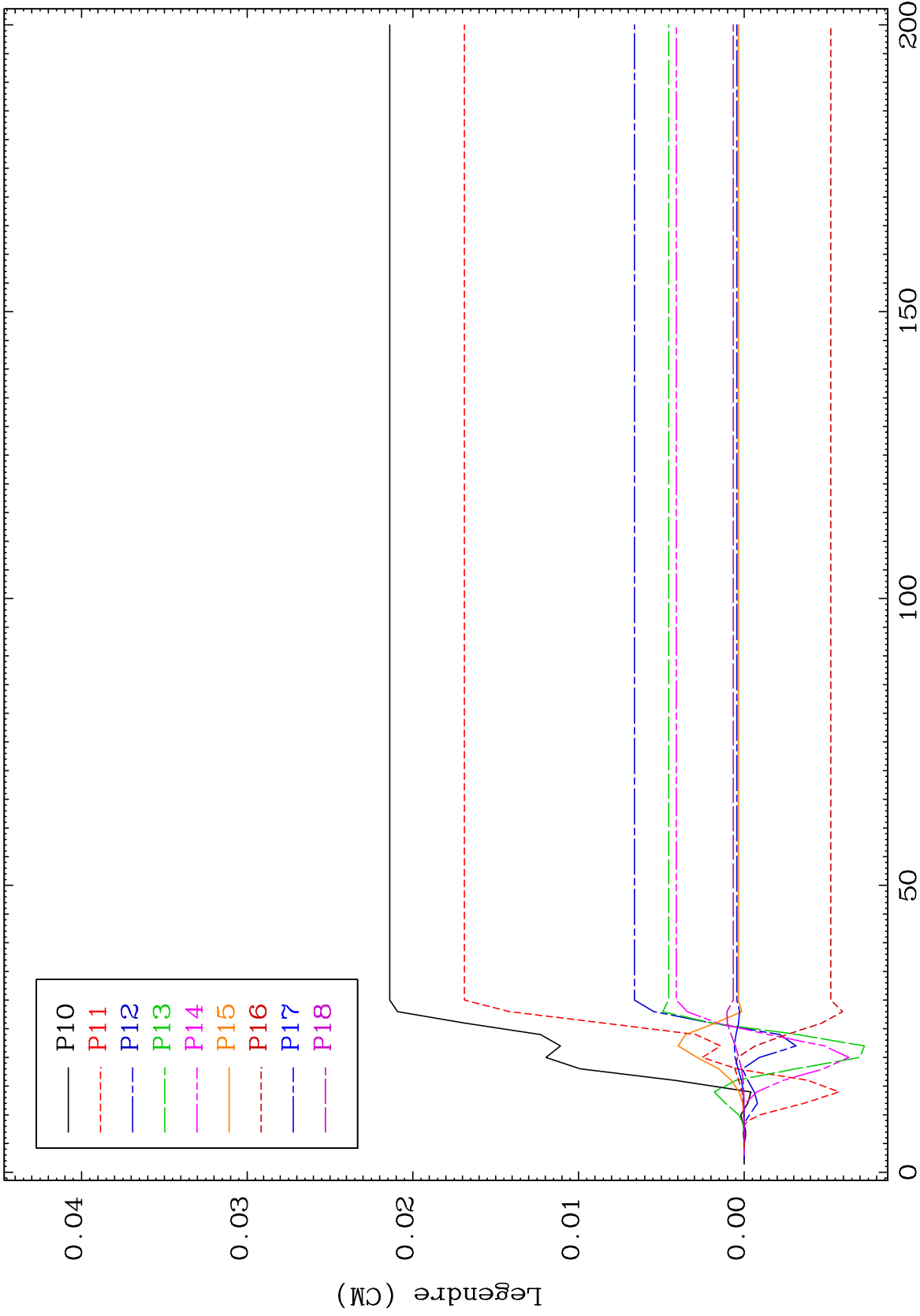
115

54-Xe-129

MAT 5440

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

54-Xe-129



116

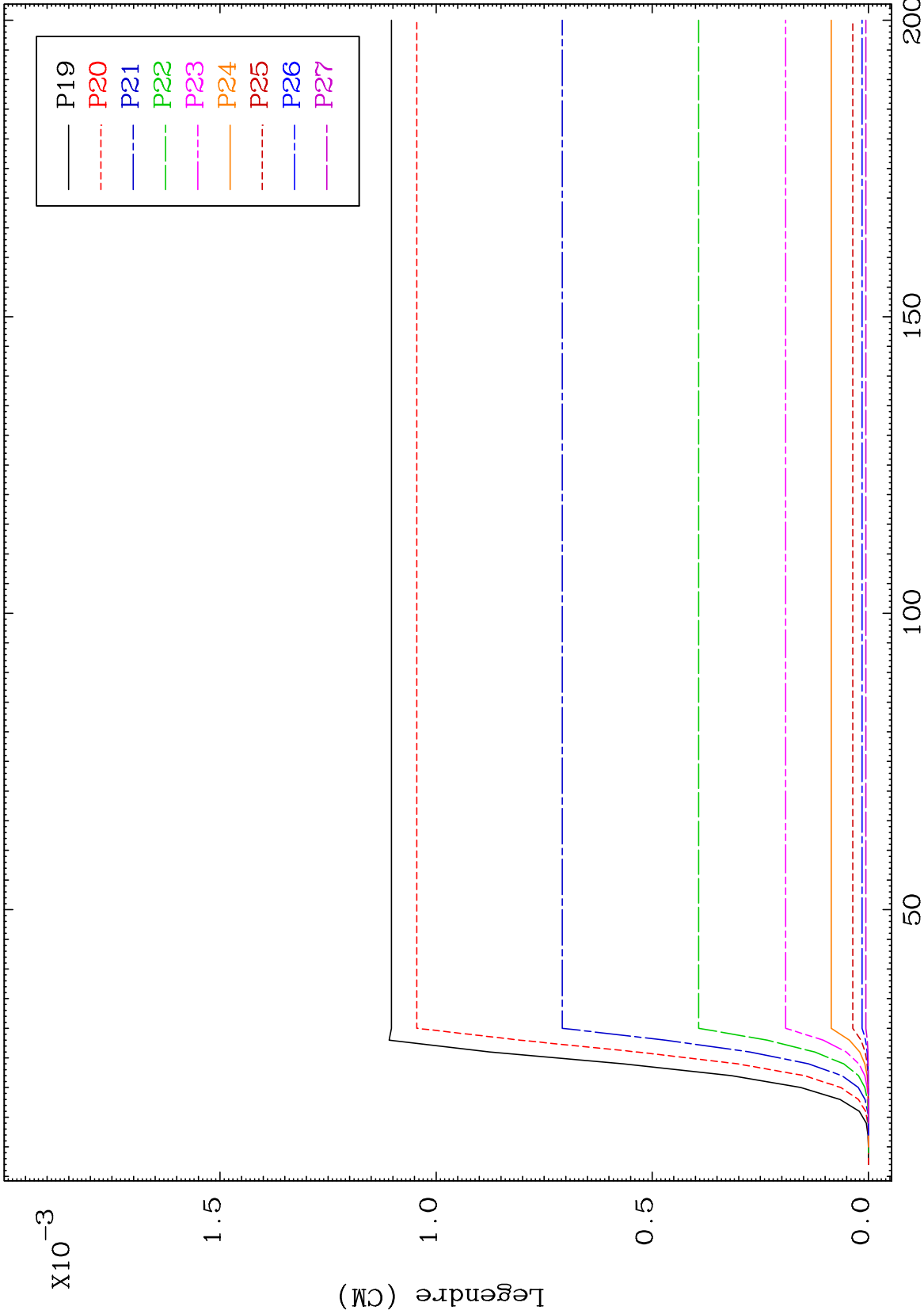
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



117

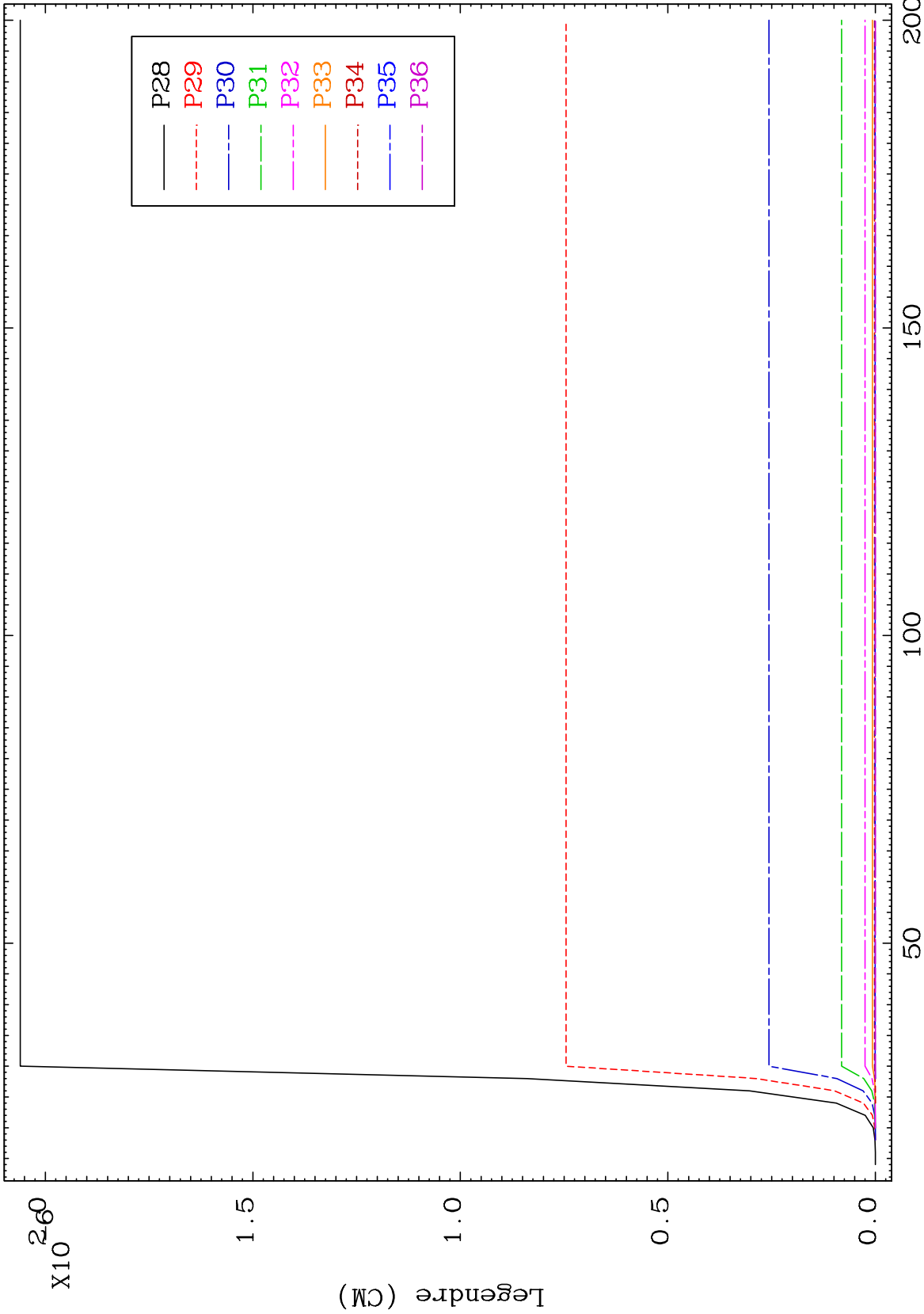
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



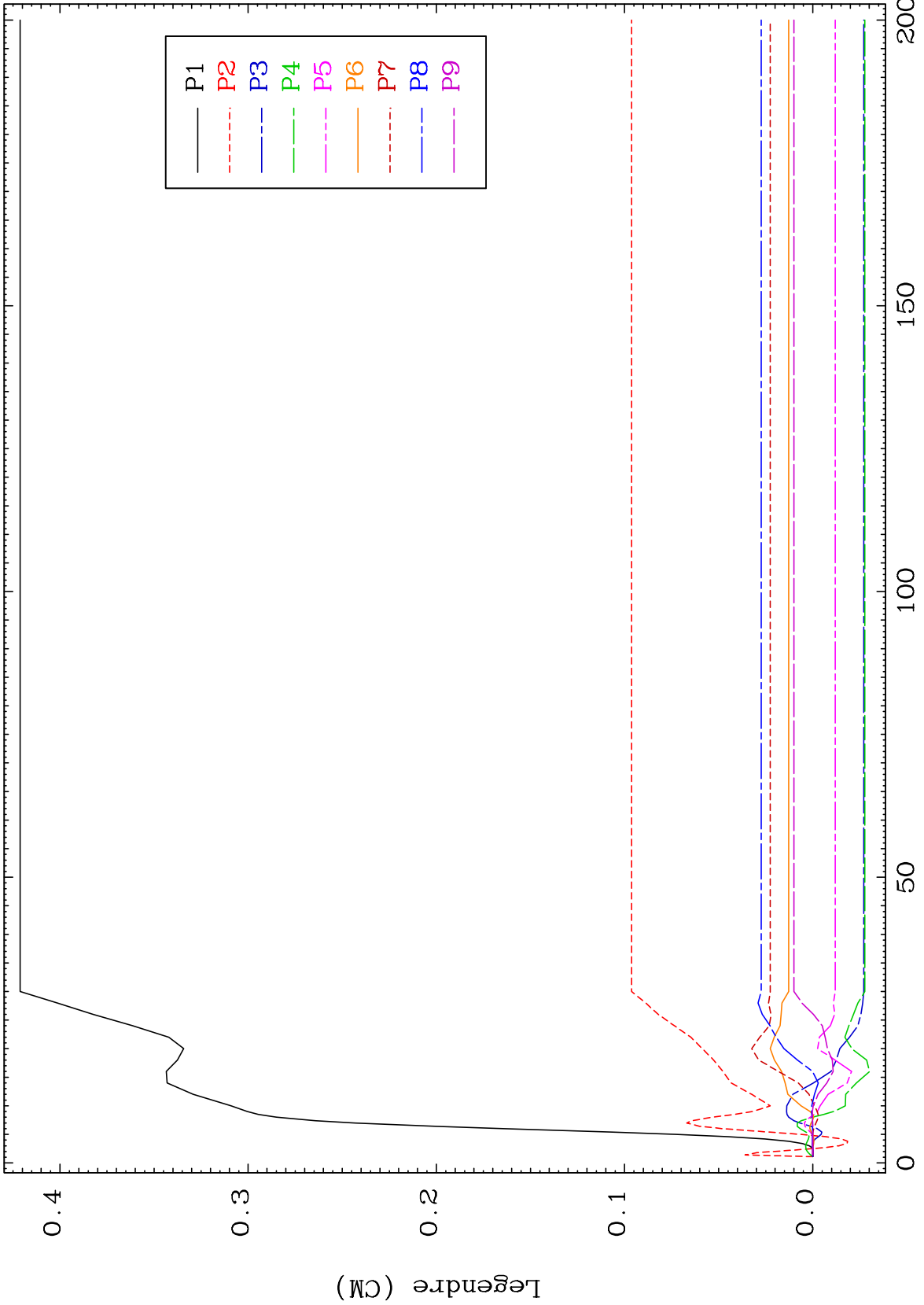
118

54-Xe-129

MAT 5440

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

54-Xe-129



119

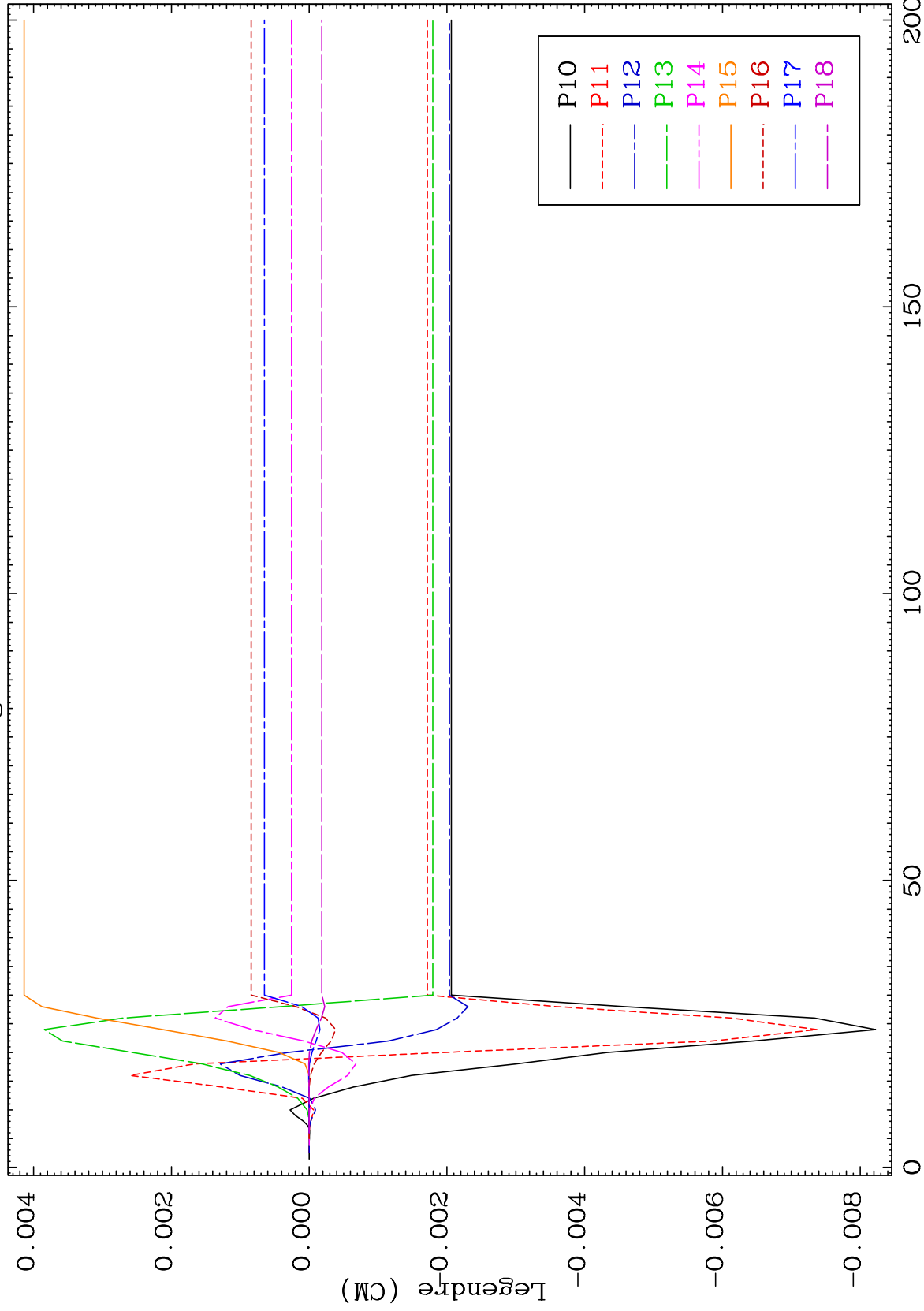
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



120

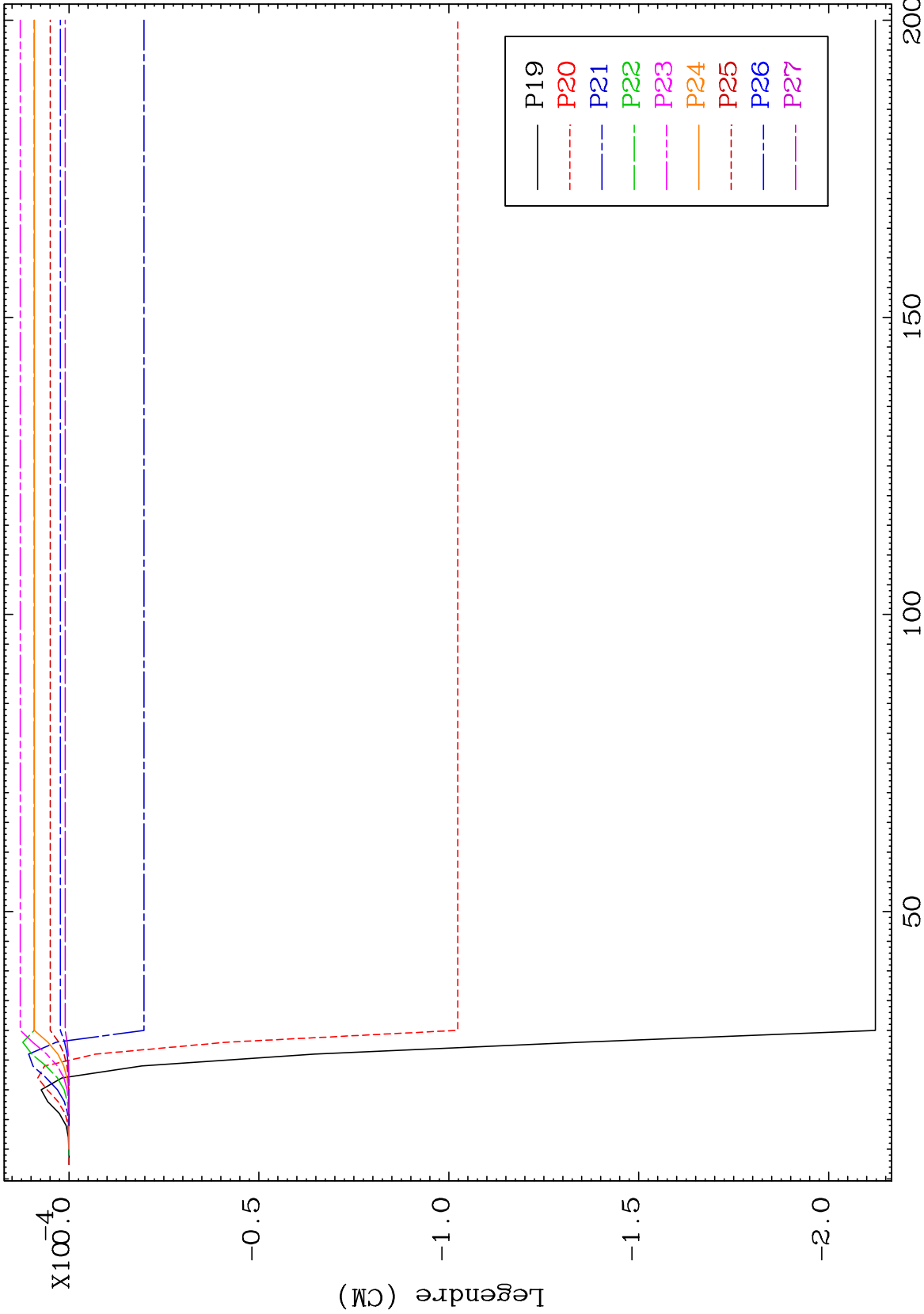
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



121

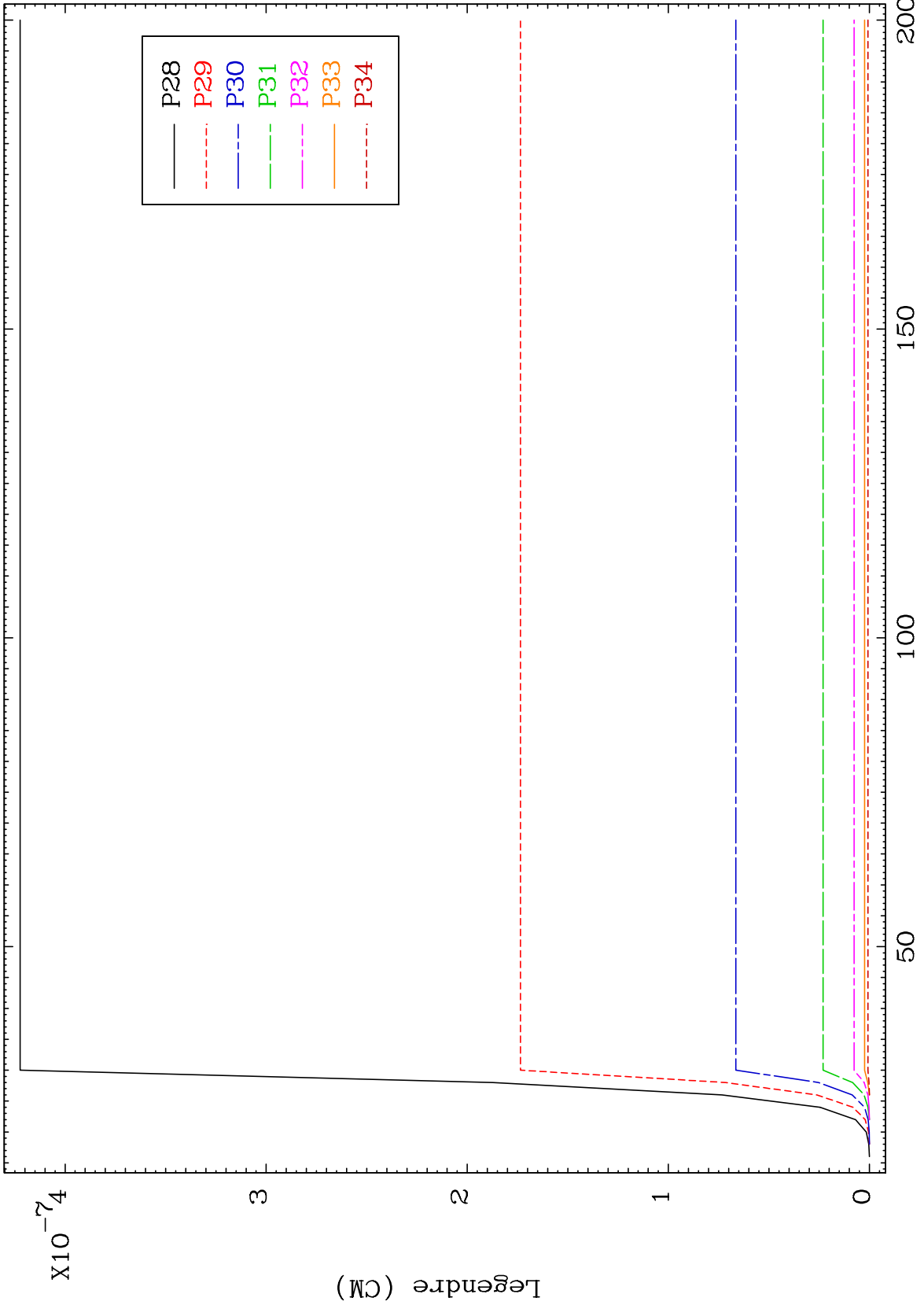
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



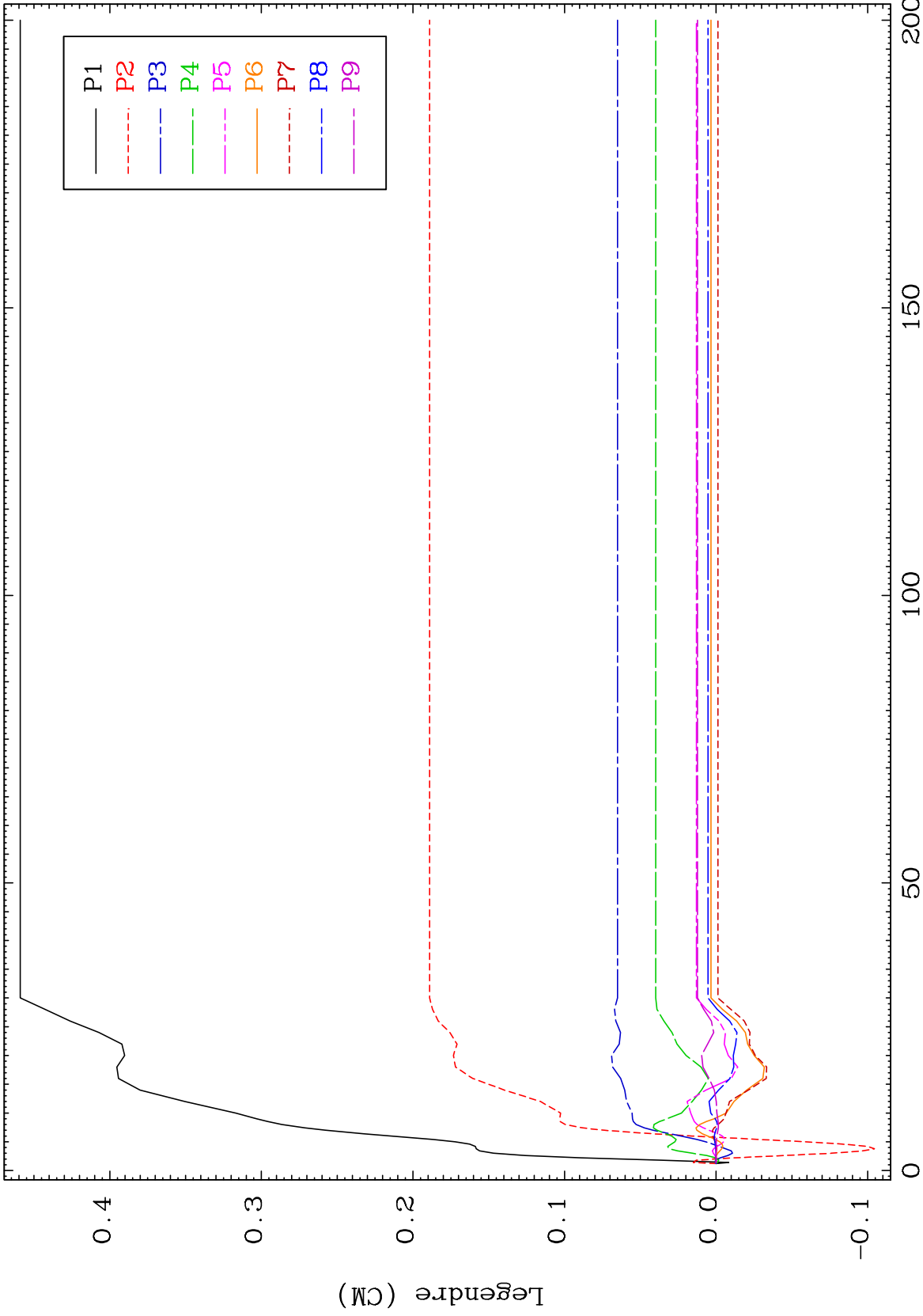
122

54-Xe-129

MAT 5440

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

54-Xe-129



123

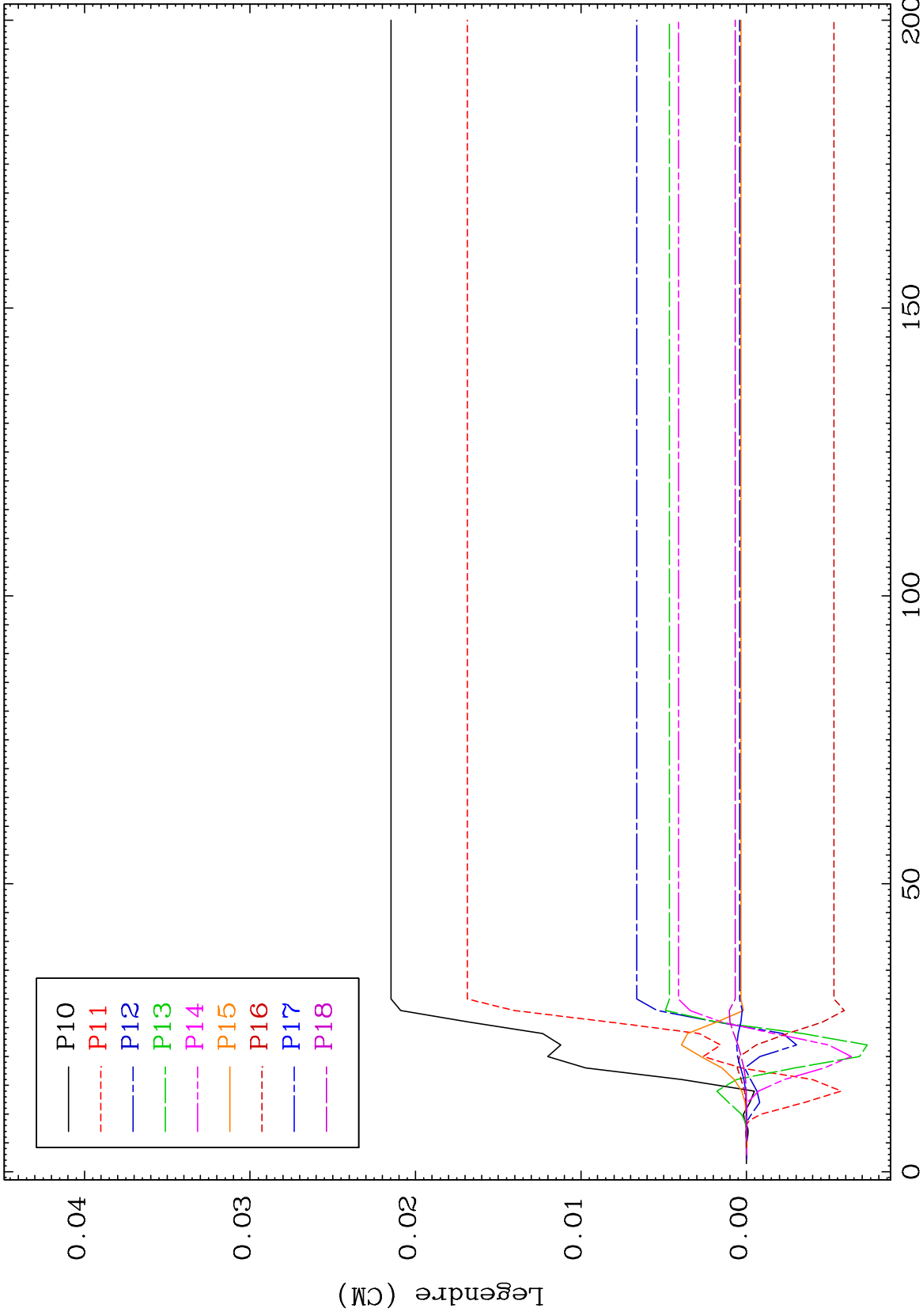
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



124

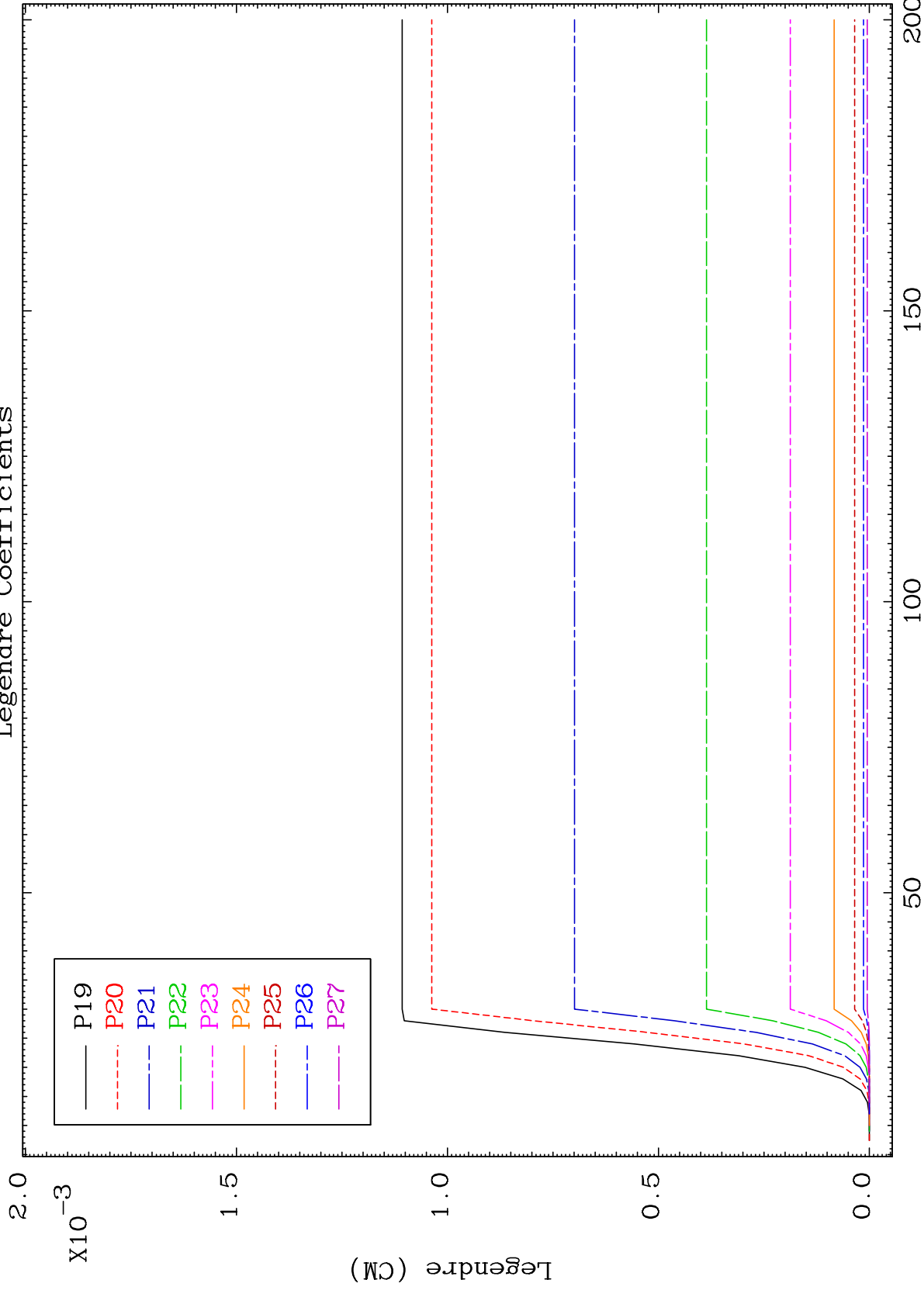
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



125

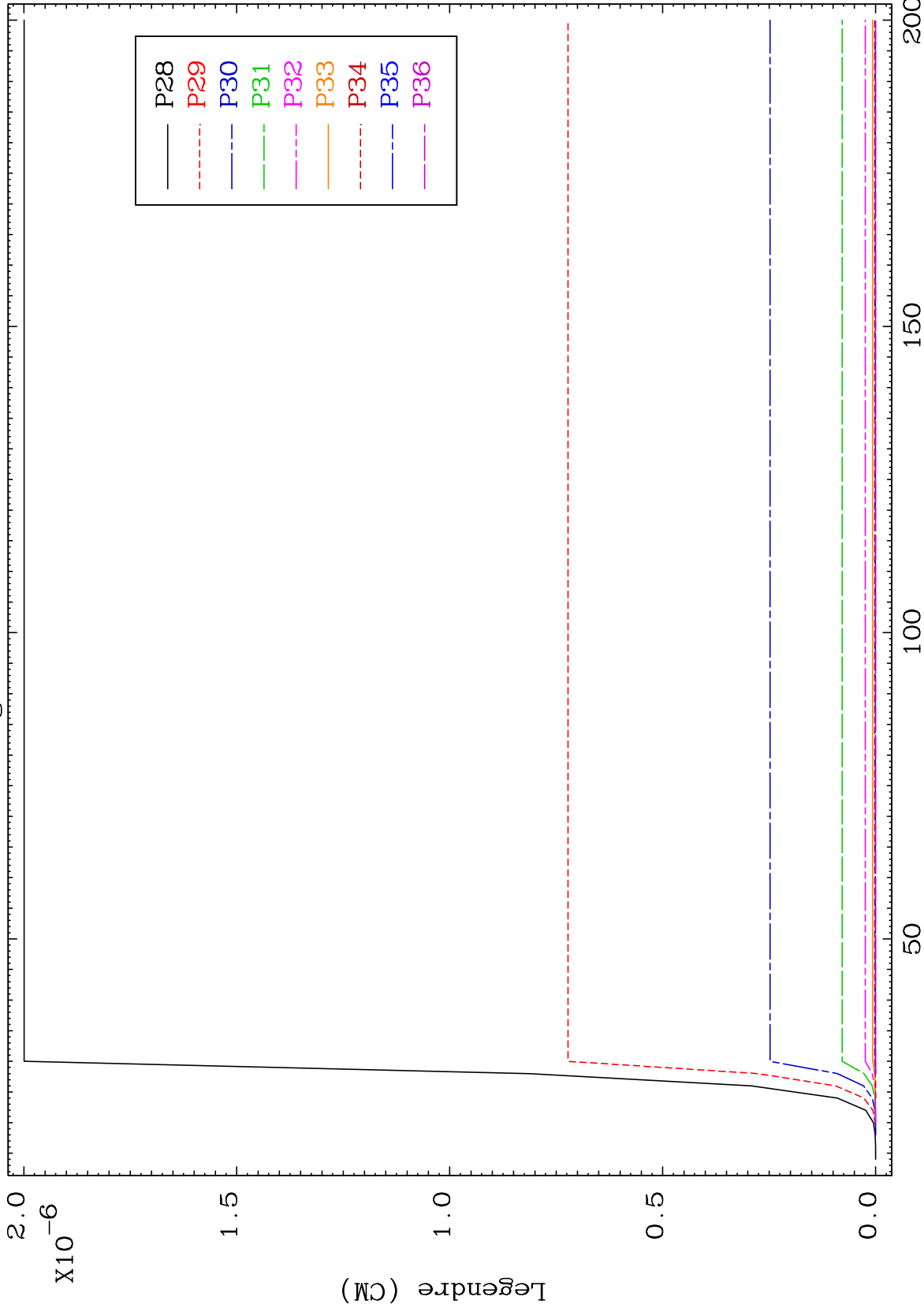
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

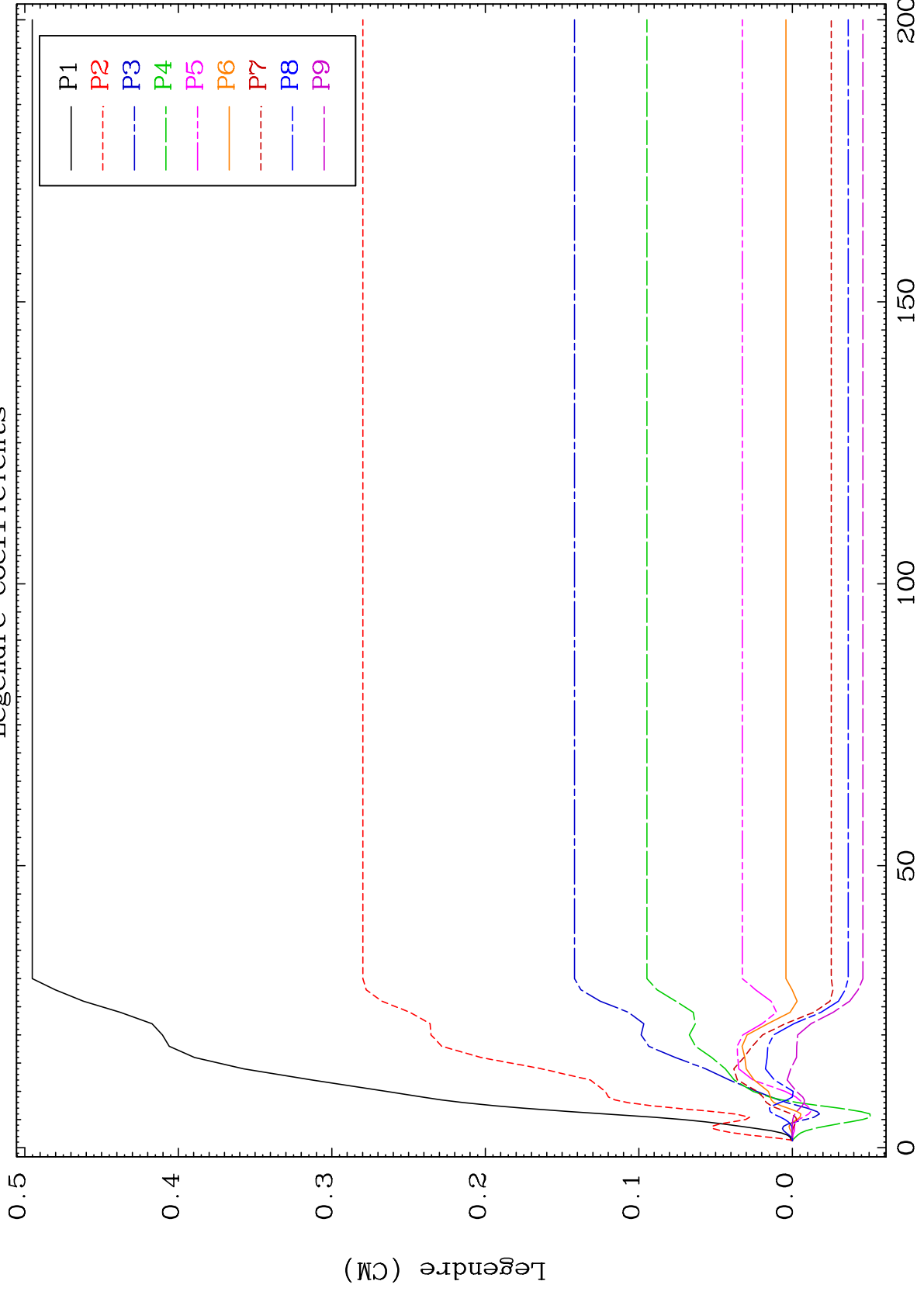
54-Xe-129



126

54-Xe-129

MAT 5440 MT= 80 (n,n') Level Legendre Coefficients 54-Xe-129

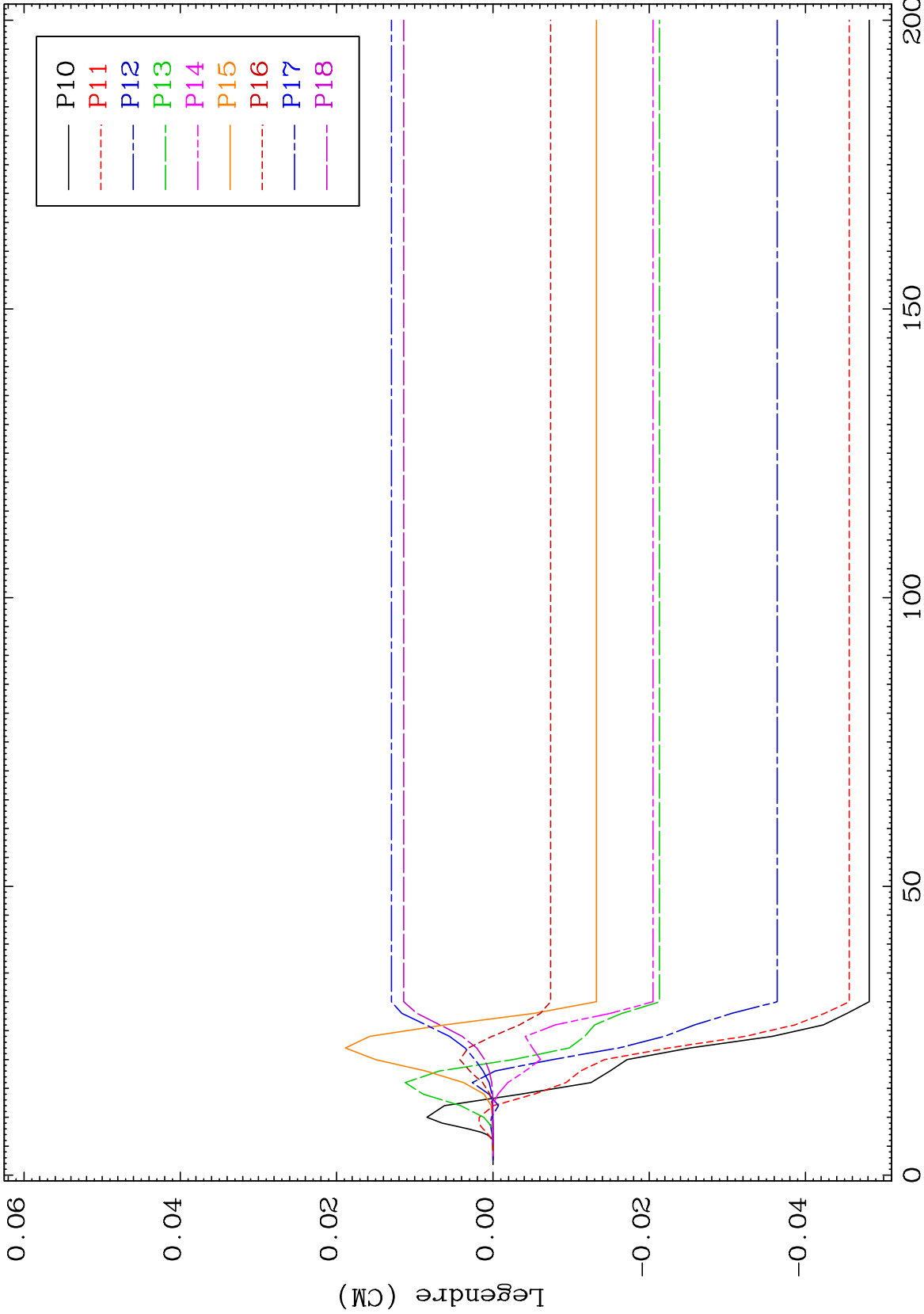


127 54-Xe-129

MAT 5440

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

54-Xe-129



128

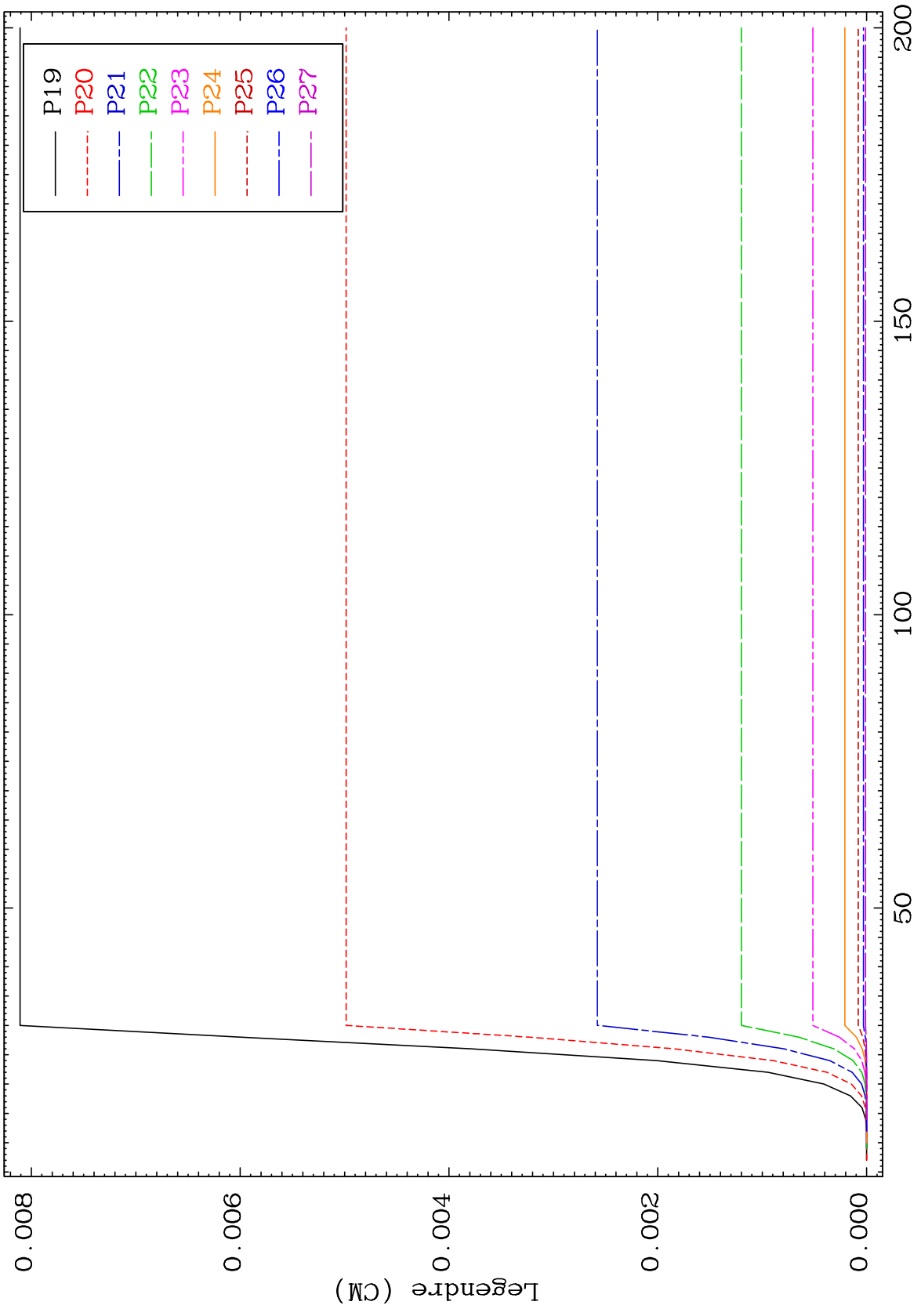
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



129

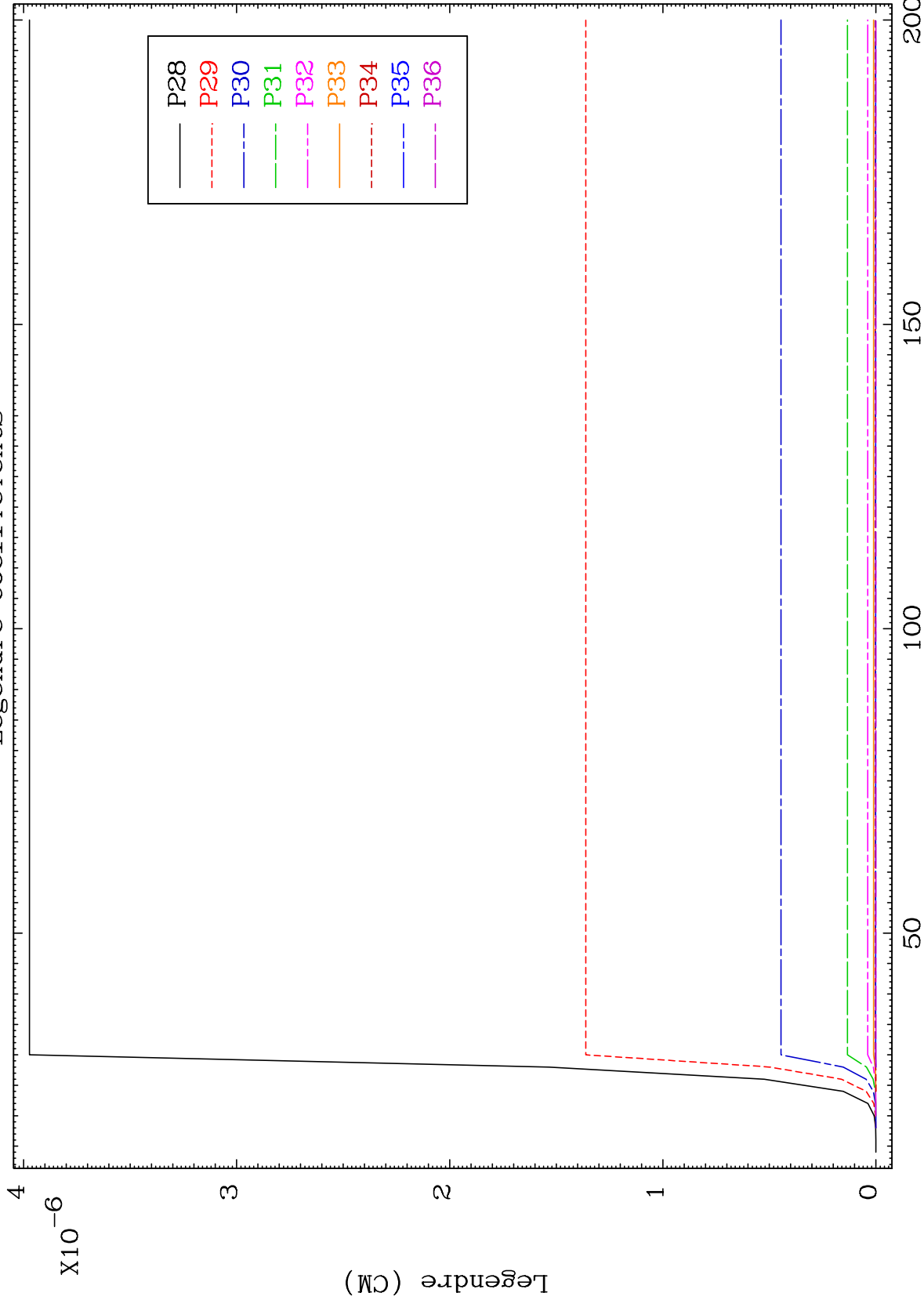
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



130

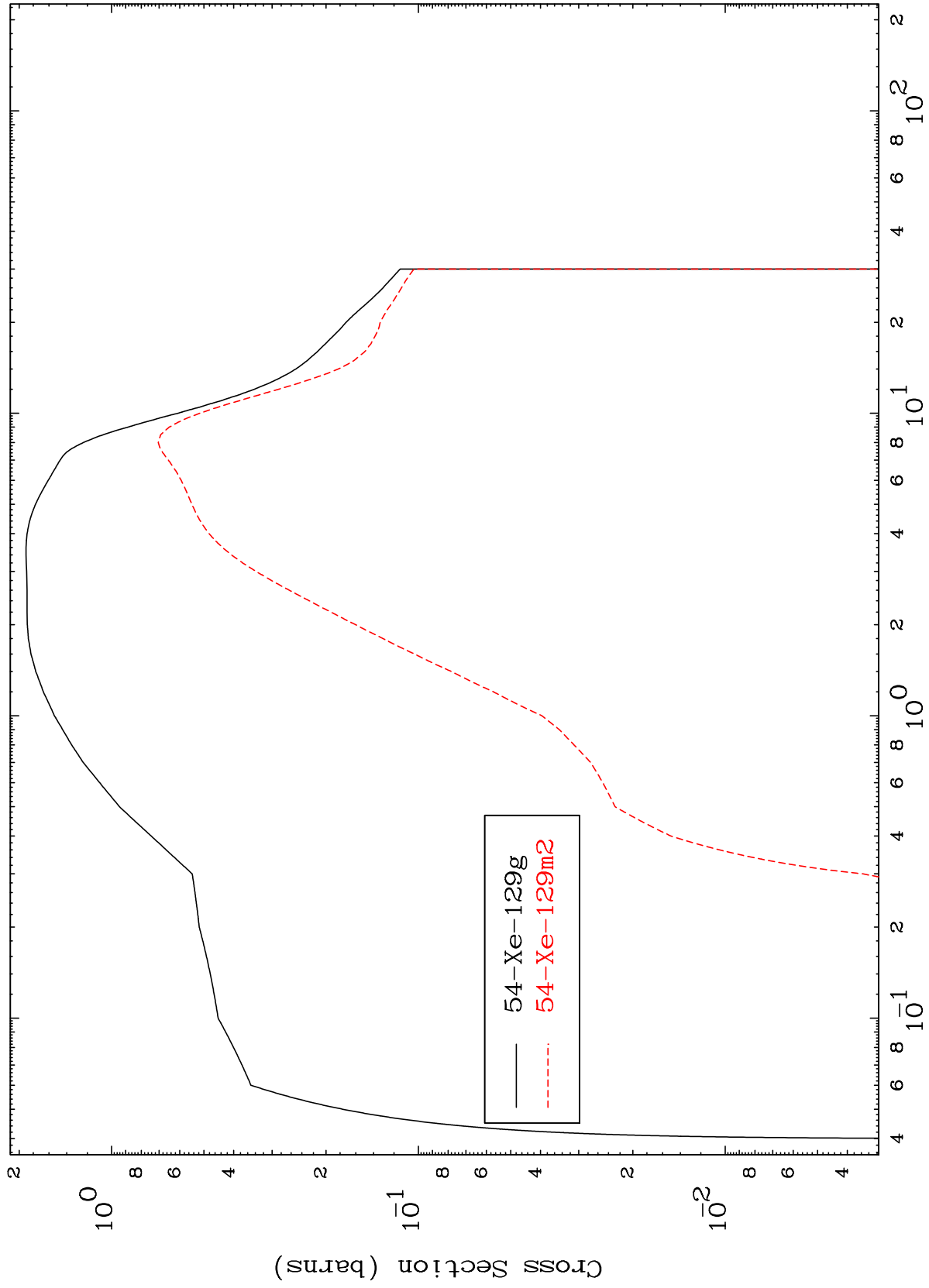
Incident Energy (MeV)

54-Xe-129

MAT 5440

Inelastic
Radionuclide Production Cross Section

54-Xe-129



131

54-Xe-129

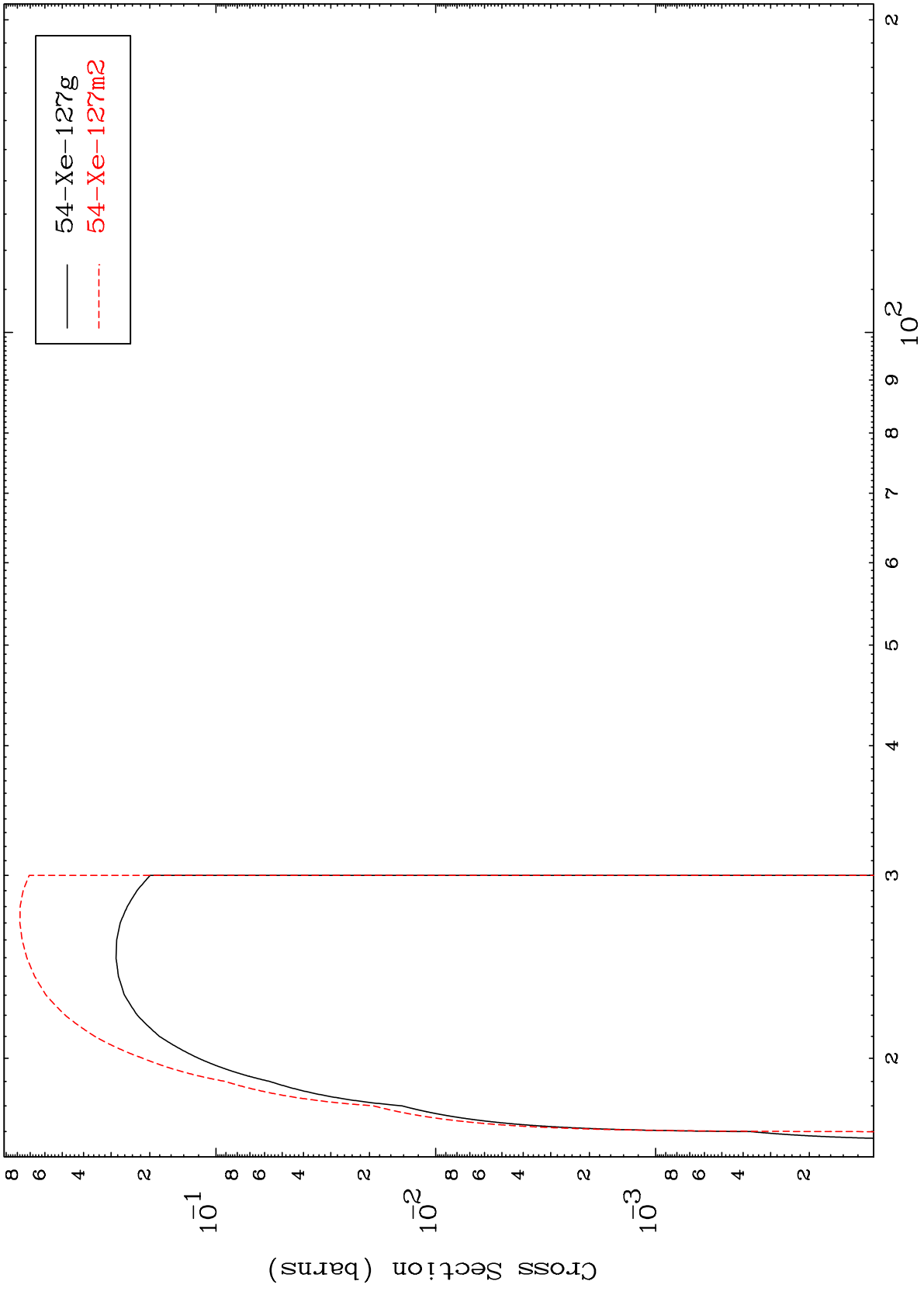
54-Xe-129

MAT 5440

(n,3n)

54-Xe-129

Radionuclide Production Cross Section



132

Incident Energy (MeV)

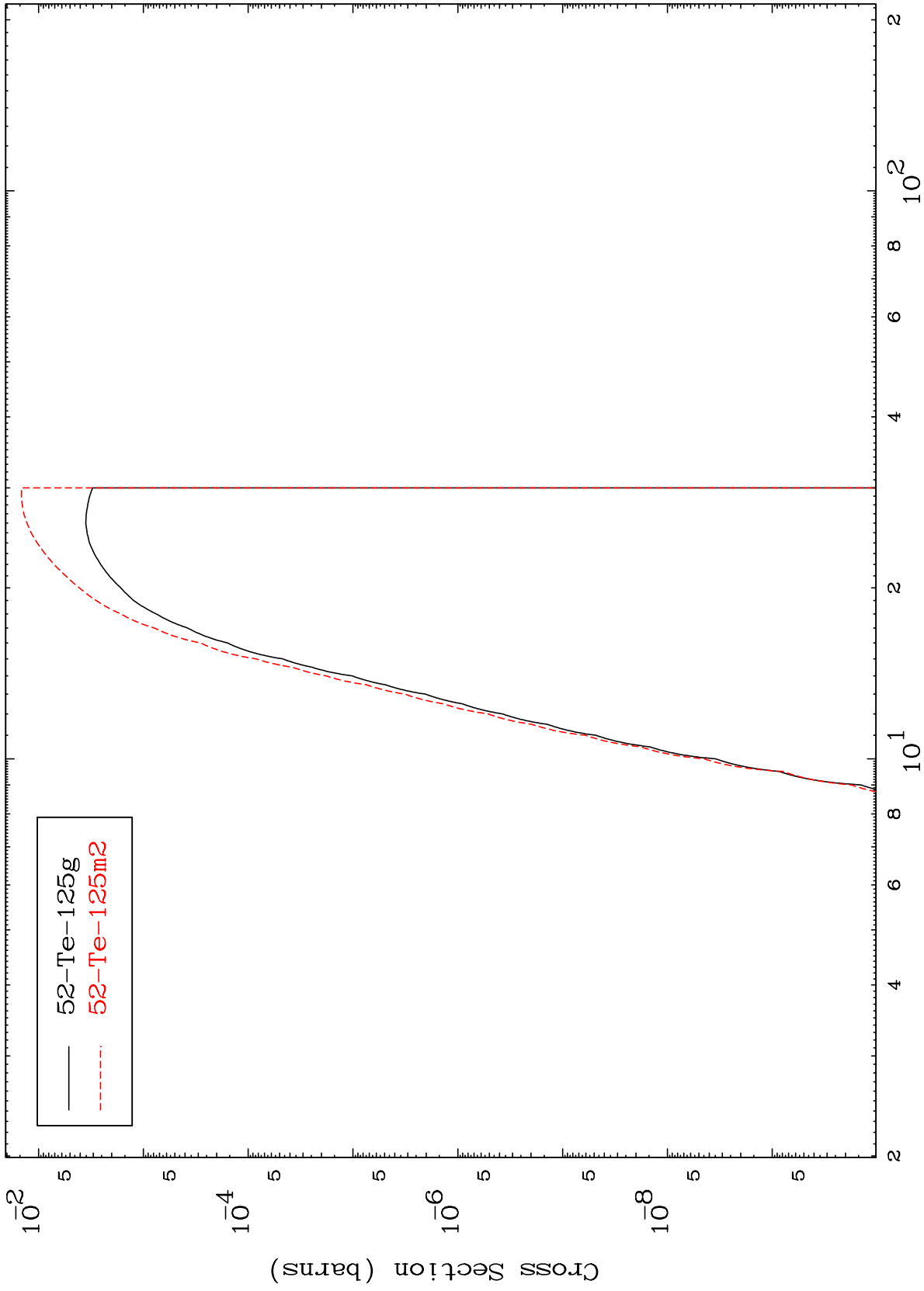
54-Xe-129

MAT 5440

(n,n') α

54-Xe-129

Radionuclide Production Cross Section



52-Te-125g
52-Te-125m2

133

Incident Energy (MeV)

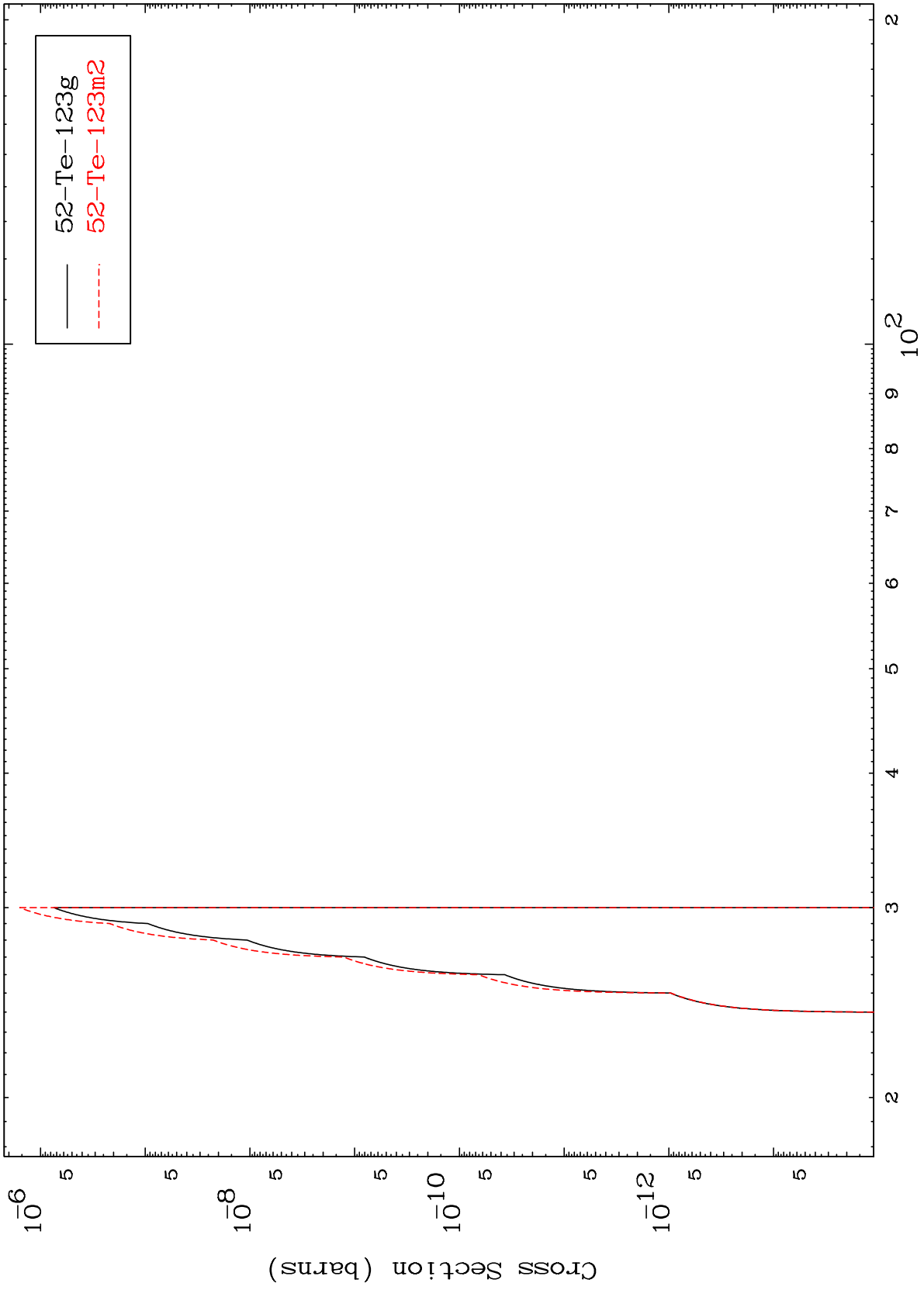
54-Xe-129

MAT 5440

(n,3n) α

54-Xe-129

Radionuclide Production Cross Section



134

Incident Energy (MeV)

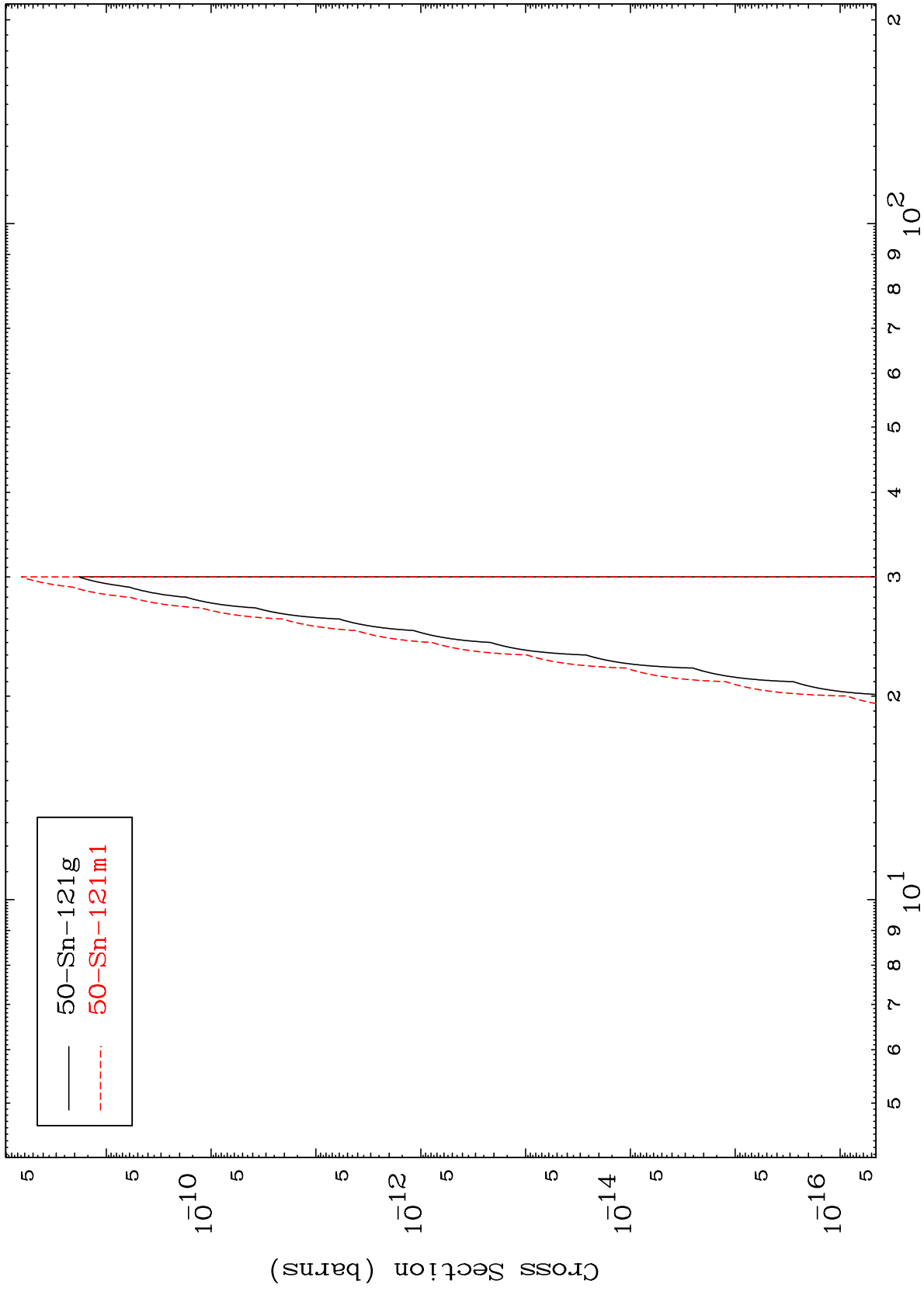
54-Xe-129

MAT 5440

(n,n') 2 α

54-Xe-129

Radionuclide Production Cross Section



135

Incident Energy (MeV)

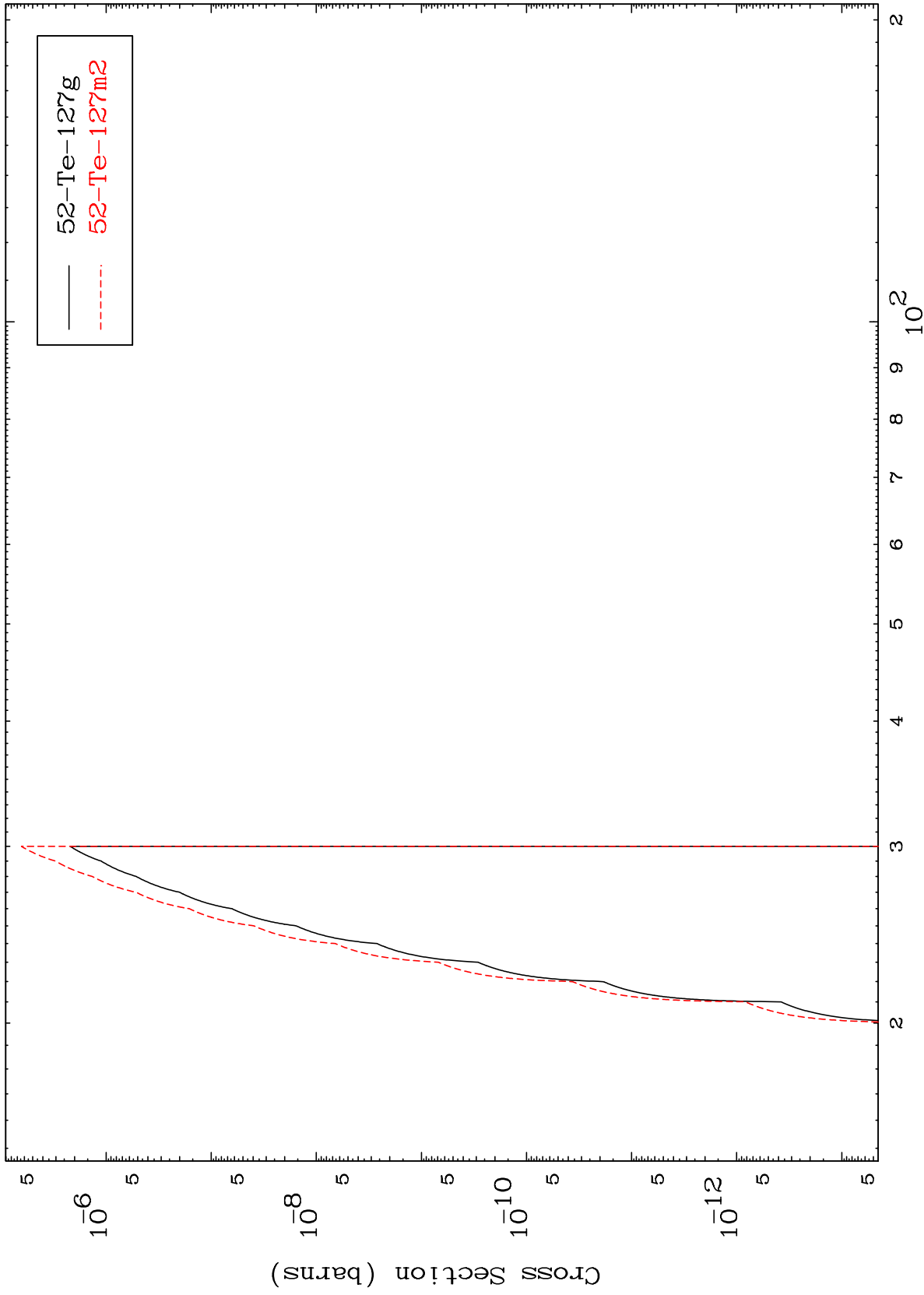
54-Xe-129

MAT 5440

(n,2n) p

54-Xe-129

Radionuclide Production Cross Section



136

Incident Energy (MeV)

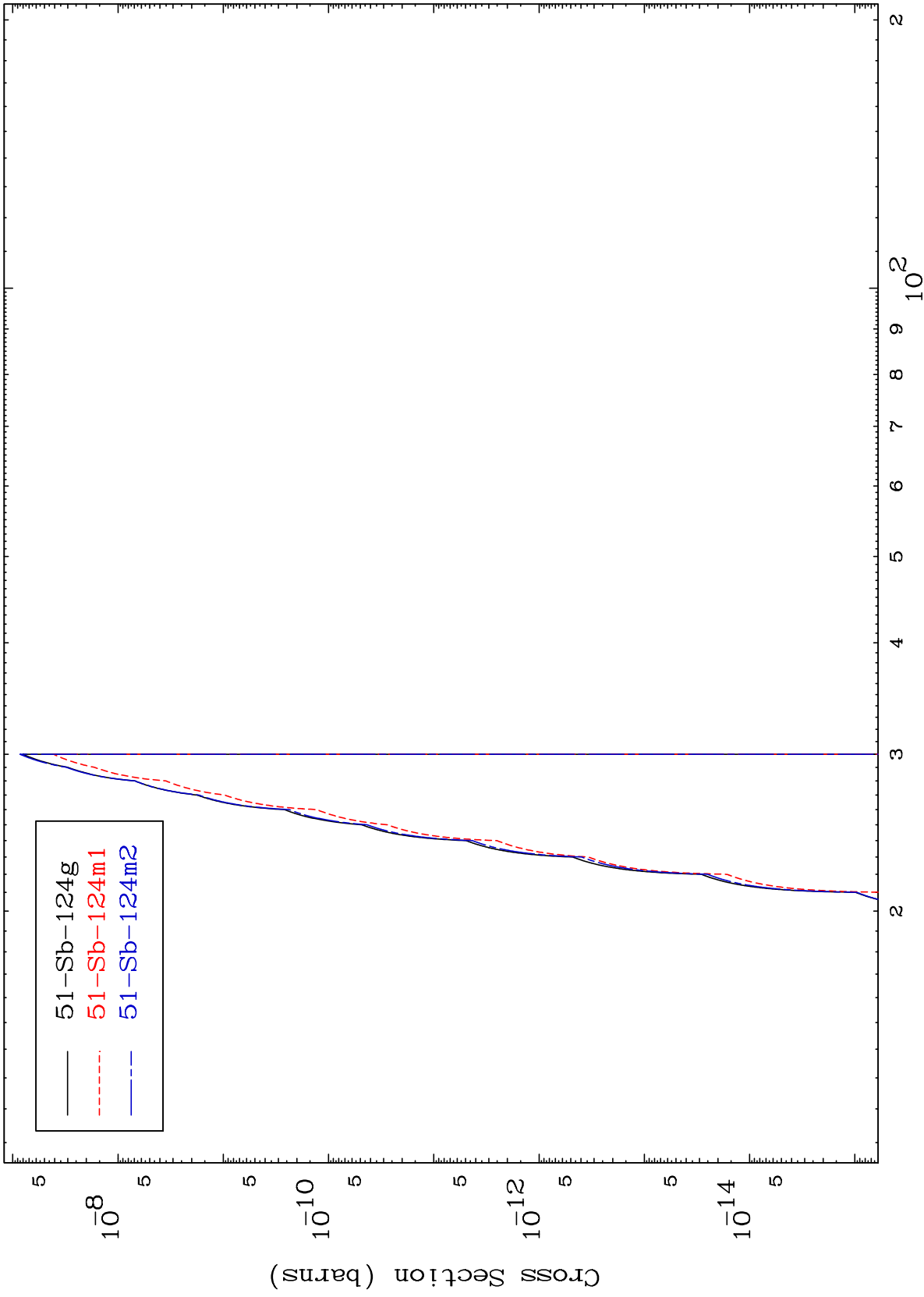
54-Xe-129

MAT 5440

(n,n') p α

54-Xe-129

Radionuclide Production Cross Section



137

Incident Energy (MeV)

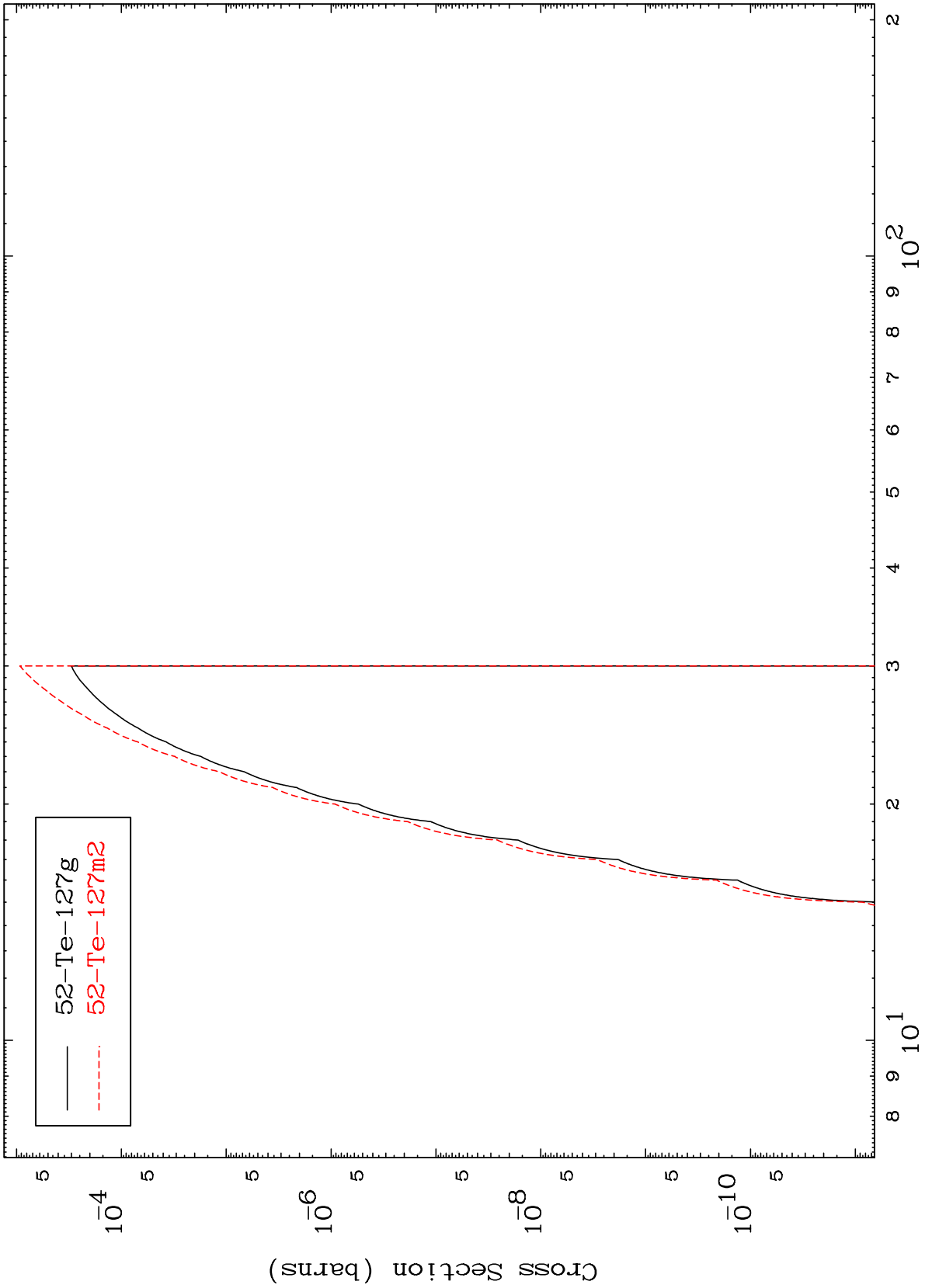
54-Xe-129

MAT 5440

(n, He-3)

54-Xe-129

Radionuclide Production Cross Section

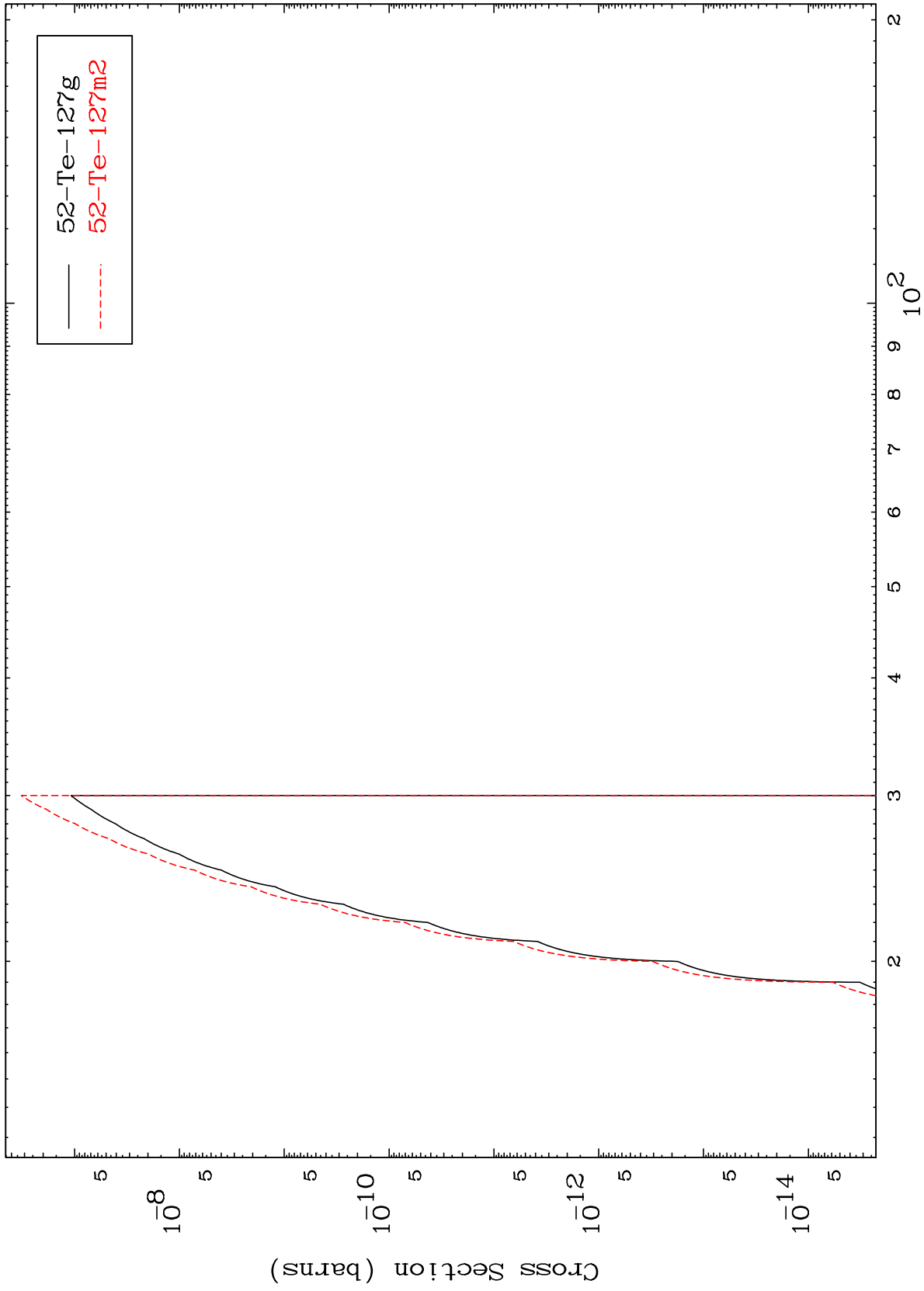


138

Incident Energy (MeV)

54-Xe-129

Radionuclide Production Cross Section

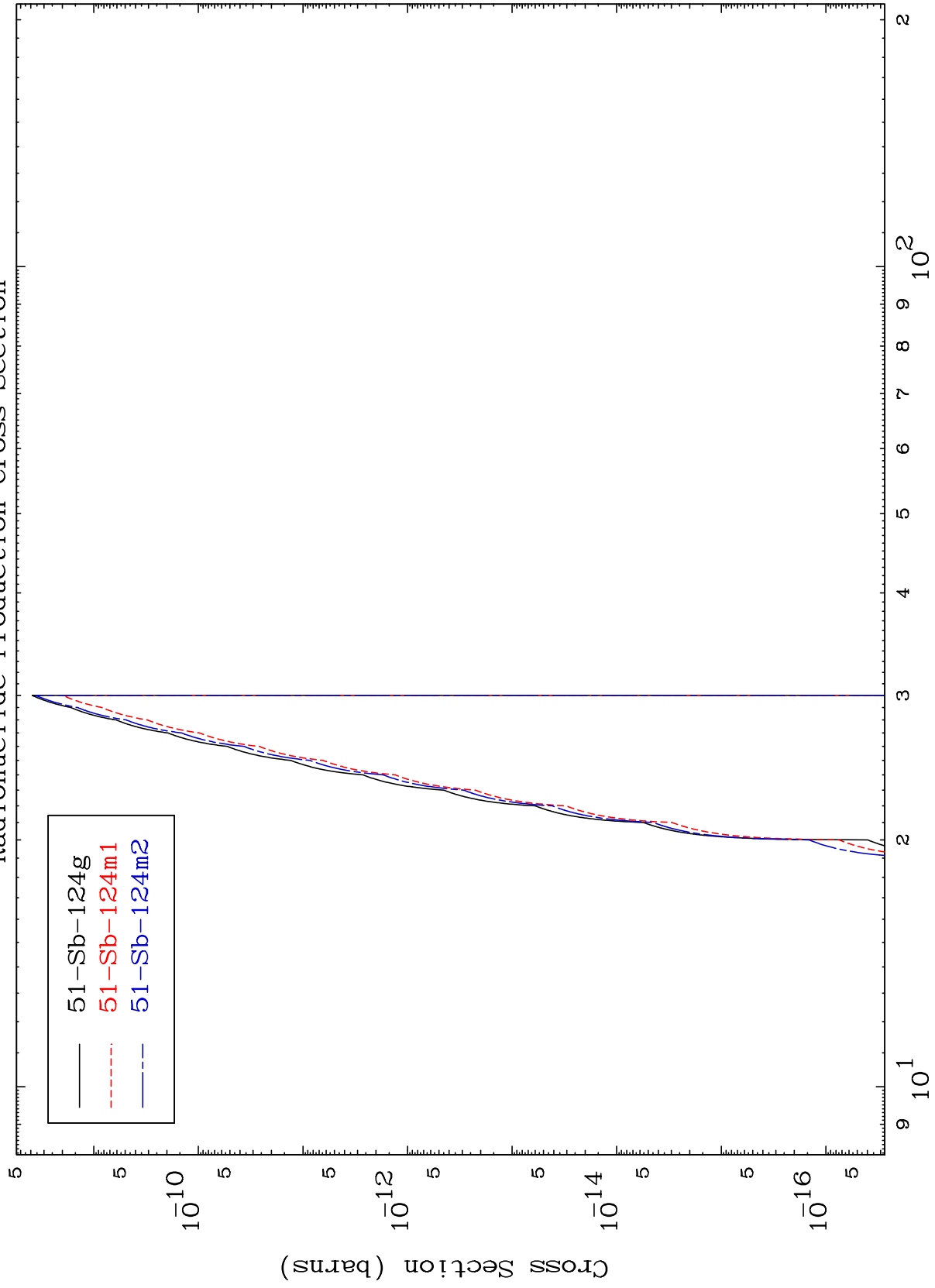


MAT 5440

(n,d) α

54-Xe-129

Radionuclide Production Cross Section



140

Incident Energy (MeV)

54-Xe-129