

Program EVALPLOT
(Version 2021-1)

by

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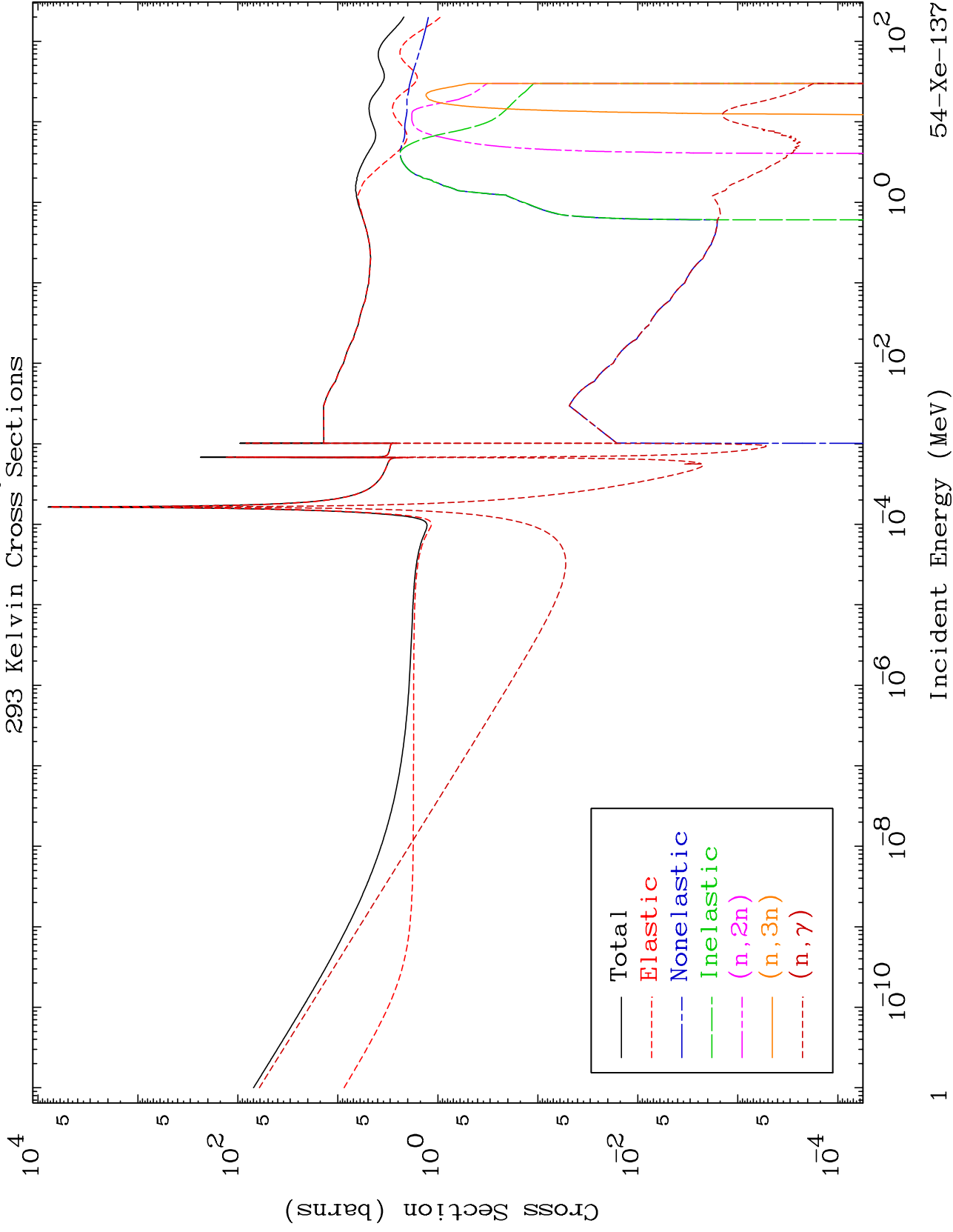
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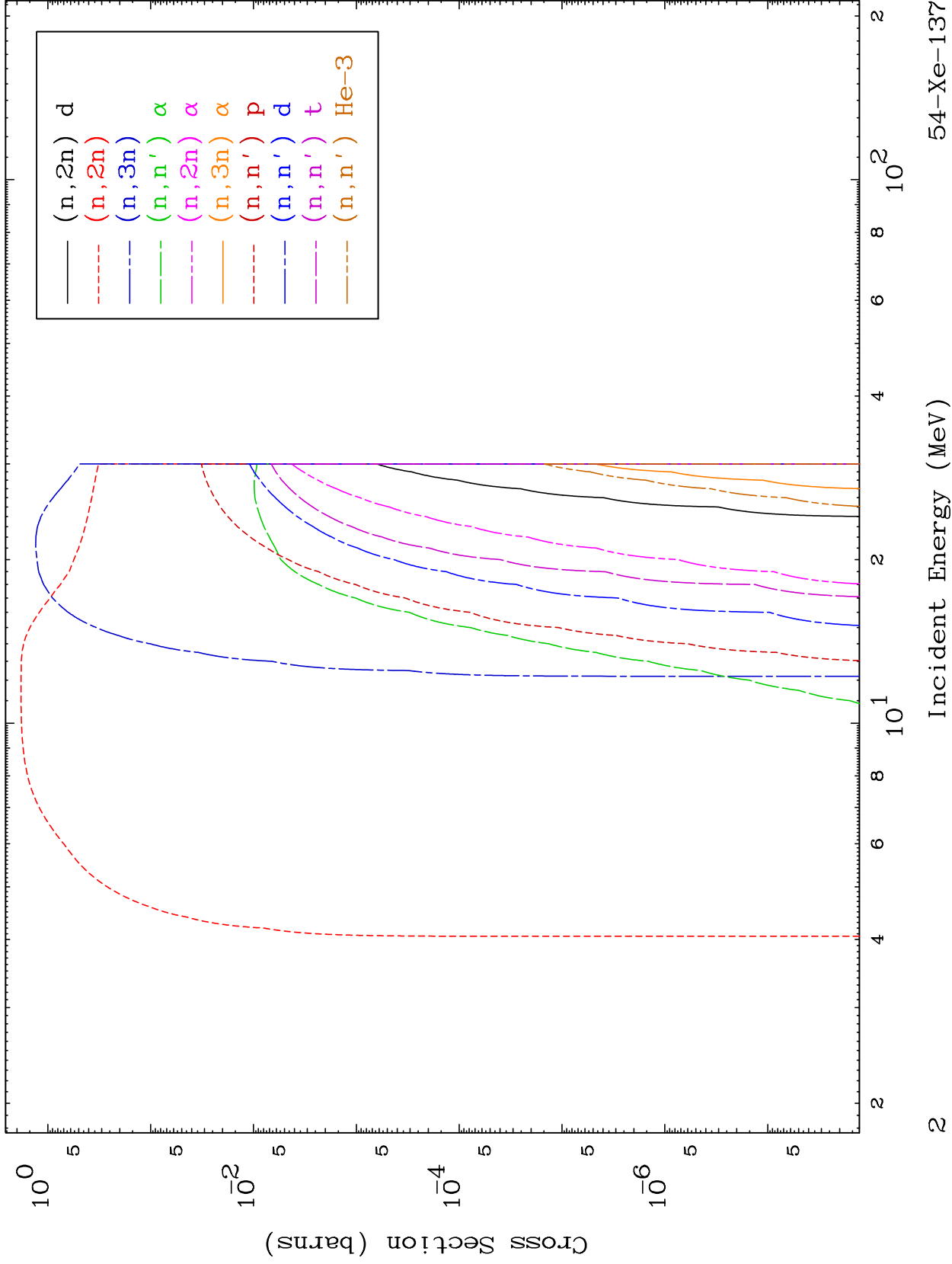
Press Mouse Button to Start

MAT 5464

Neutron Major
293 Kelvin Cross Sections

54-Xe-137

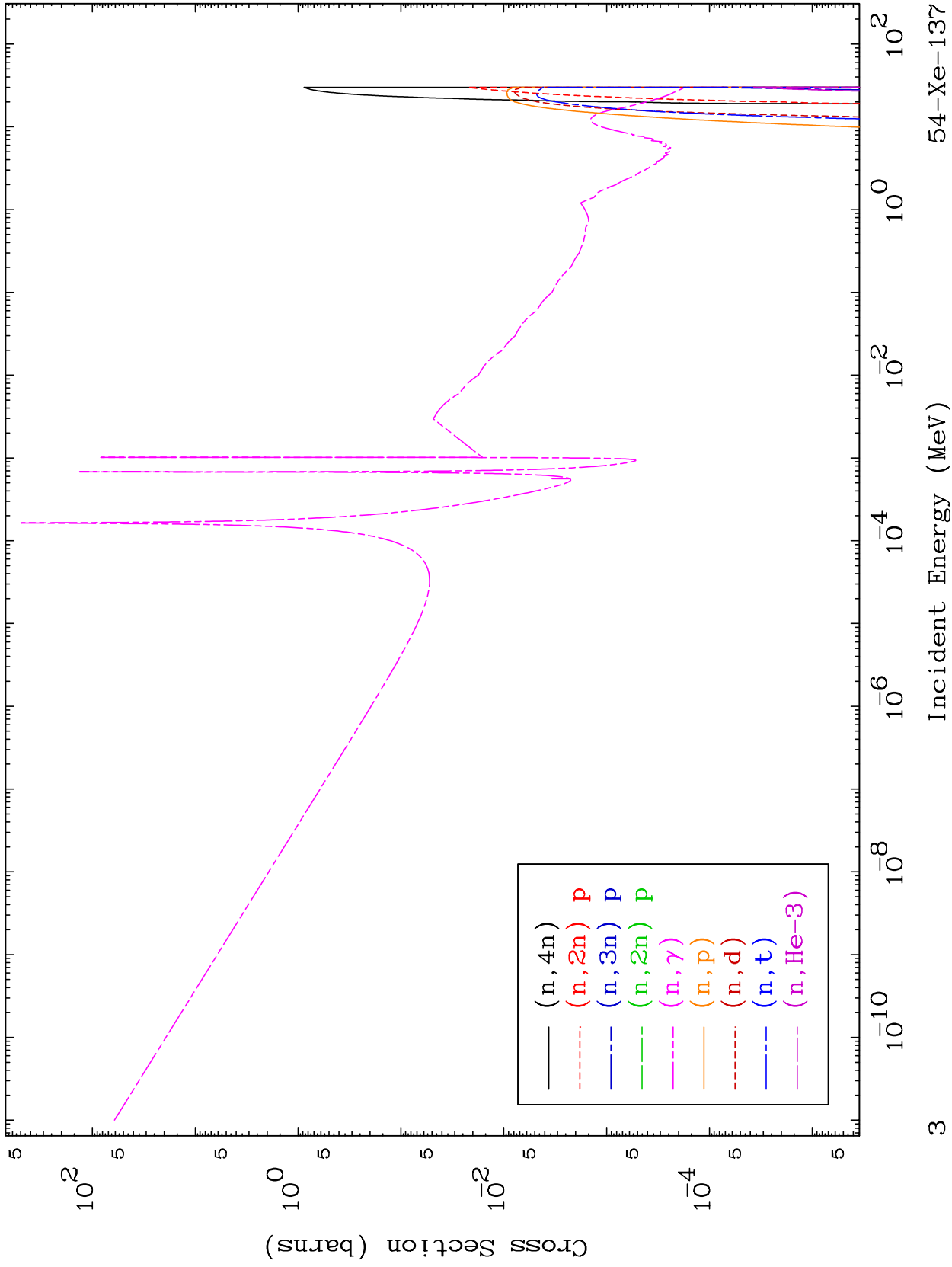


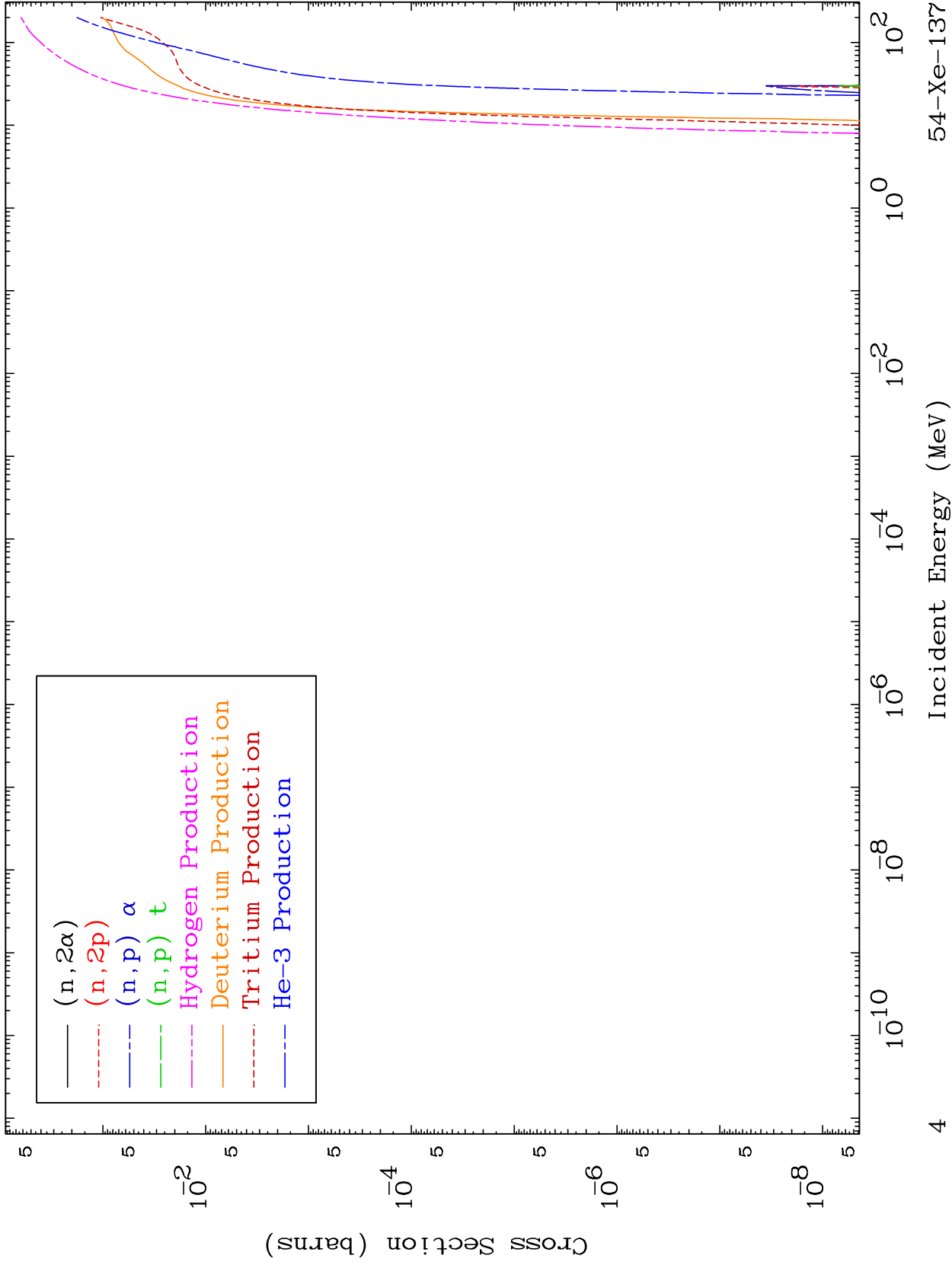


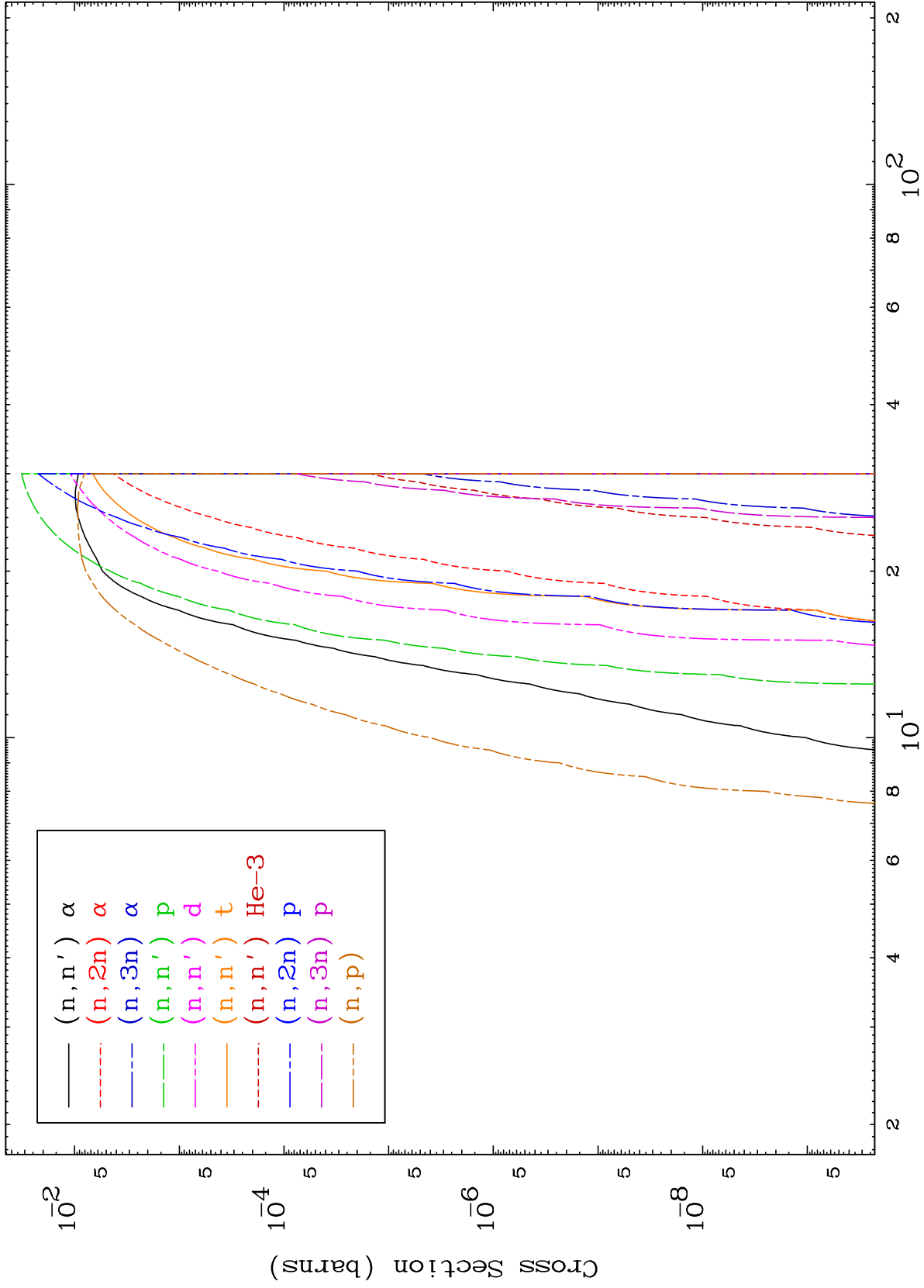
MAT 5464

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-137



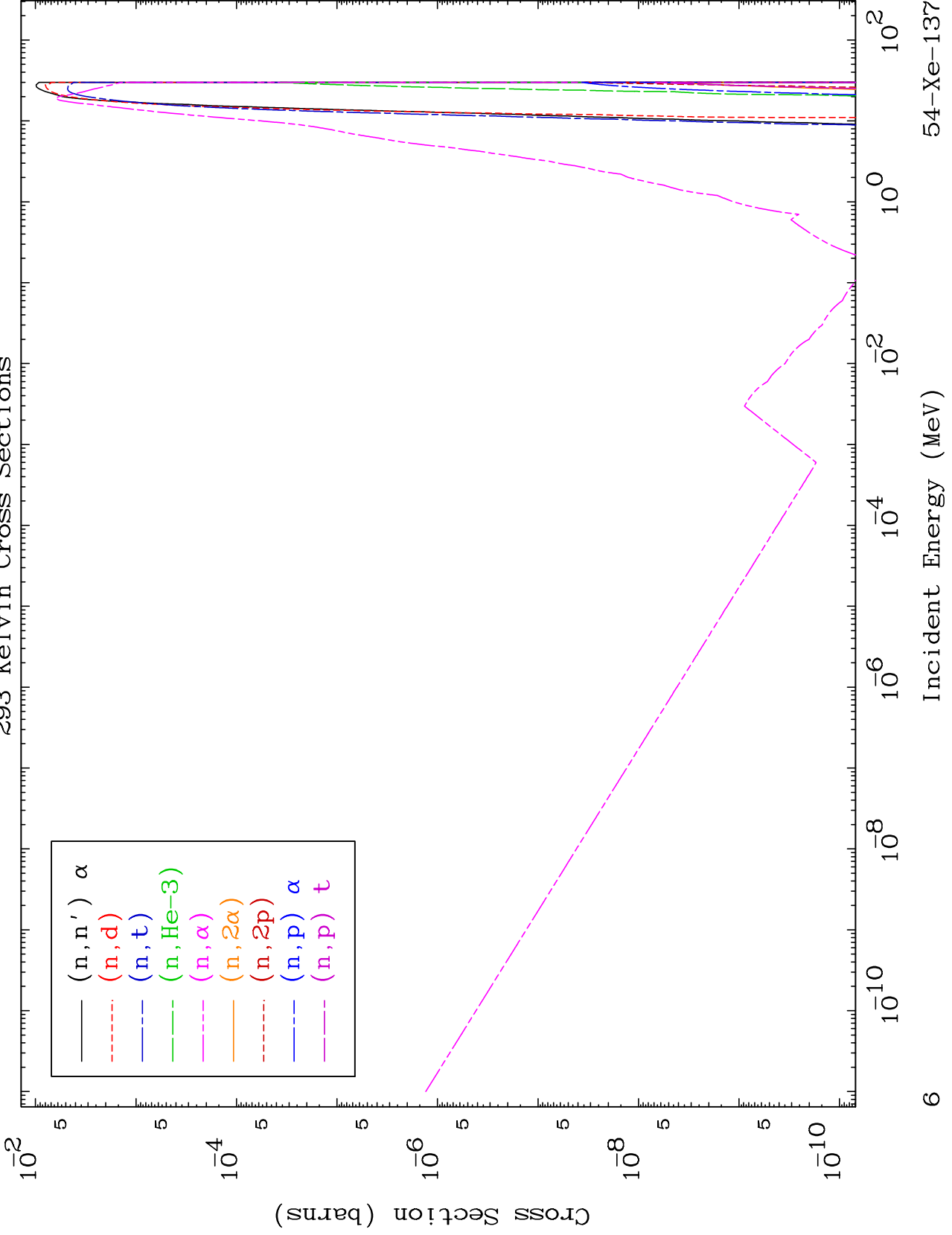


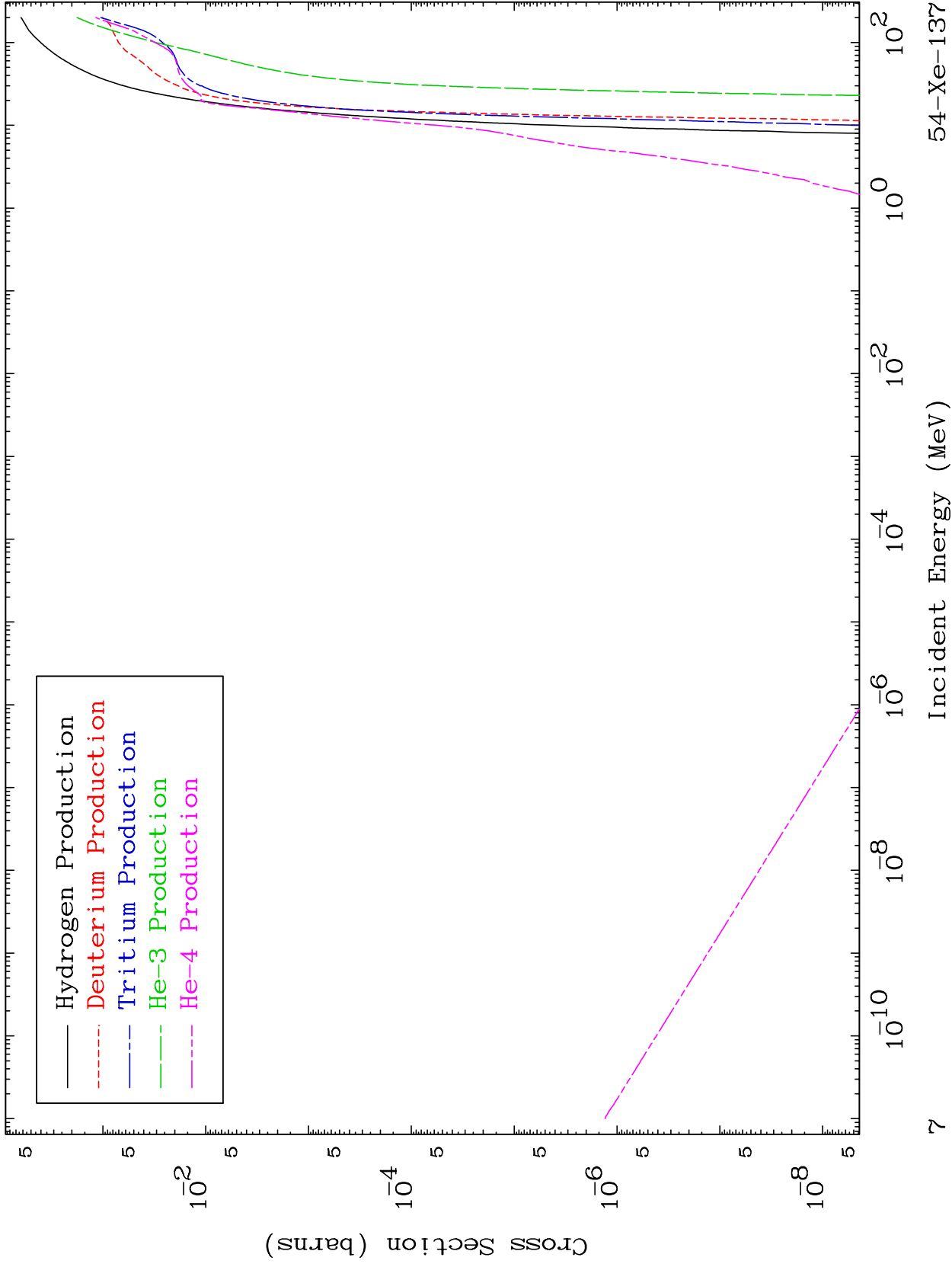


MAT 5464

Charged Particle
293 Kelvin Cross Sections

54-Xe-137



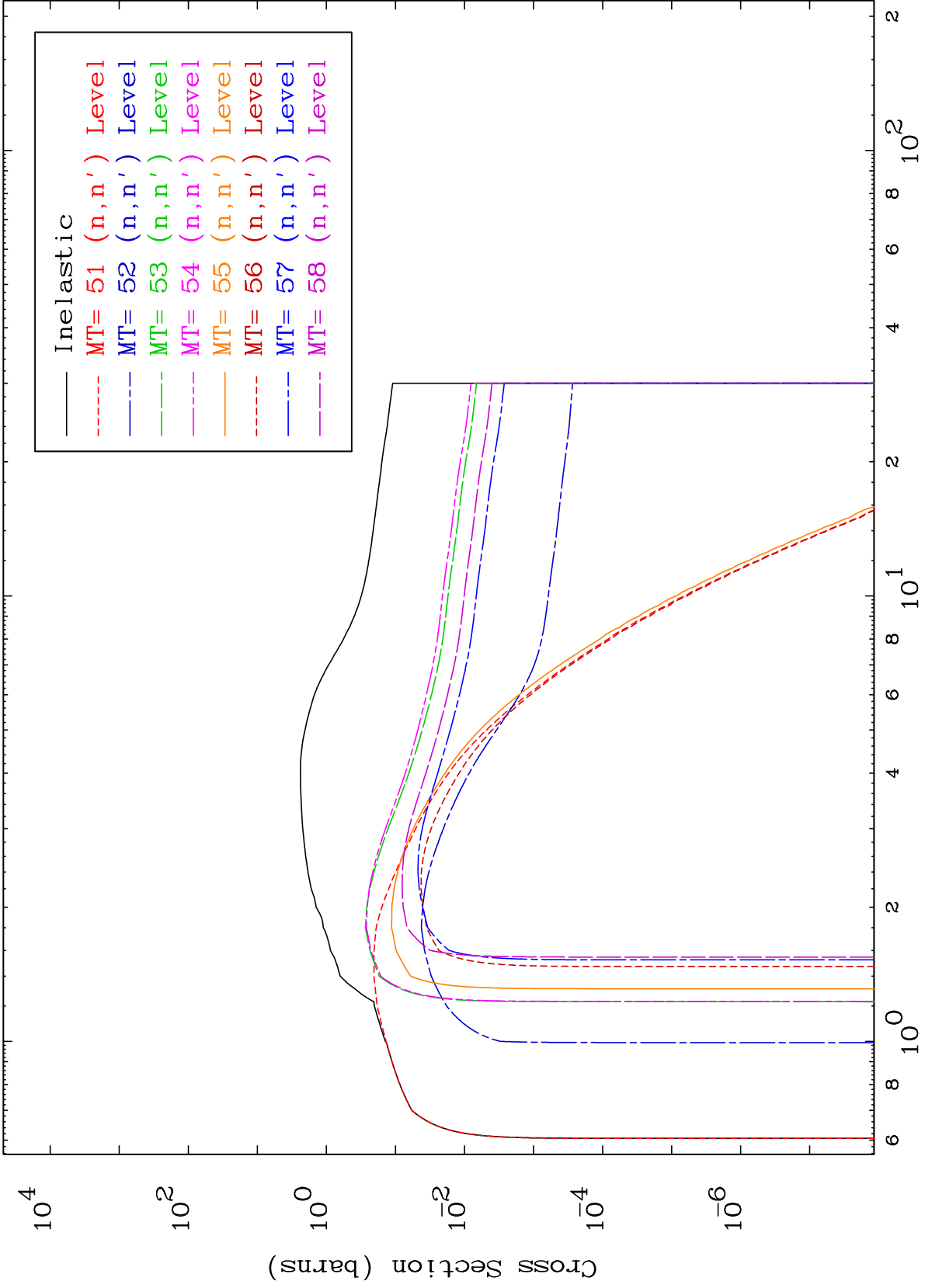


MAT 5464

(n,n') Levels

54-Xe-137

293 Kelvin Cross Sections



8

Incident Energy (MeV)

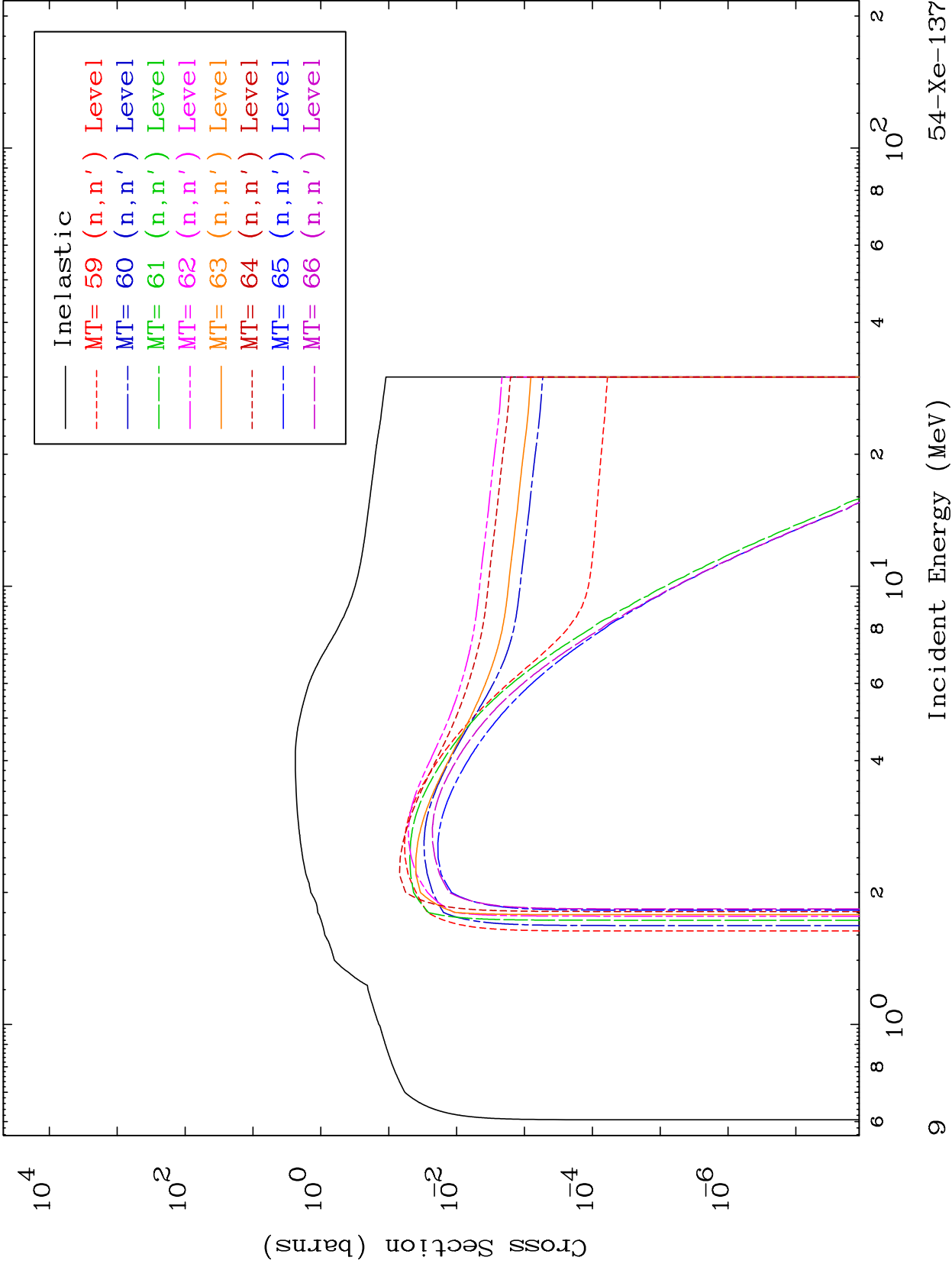
54-Xe-137

MAT 5464

(n,n') Levels

54-Xe-137

293 Kelvin Cross Sections



9

Incident Energy (MeV)

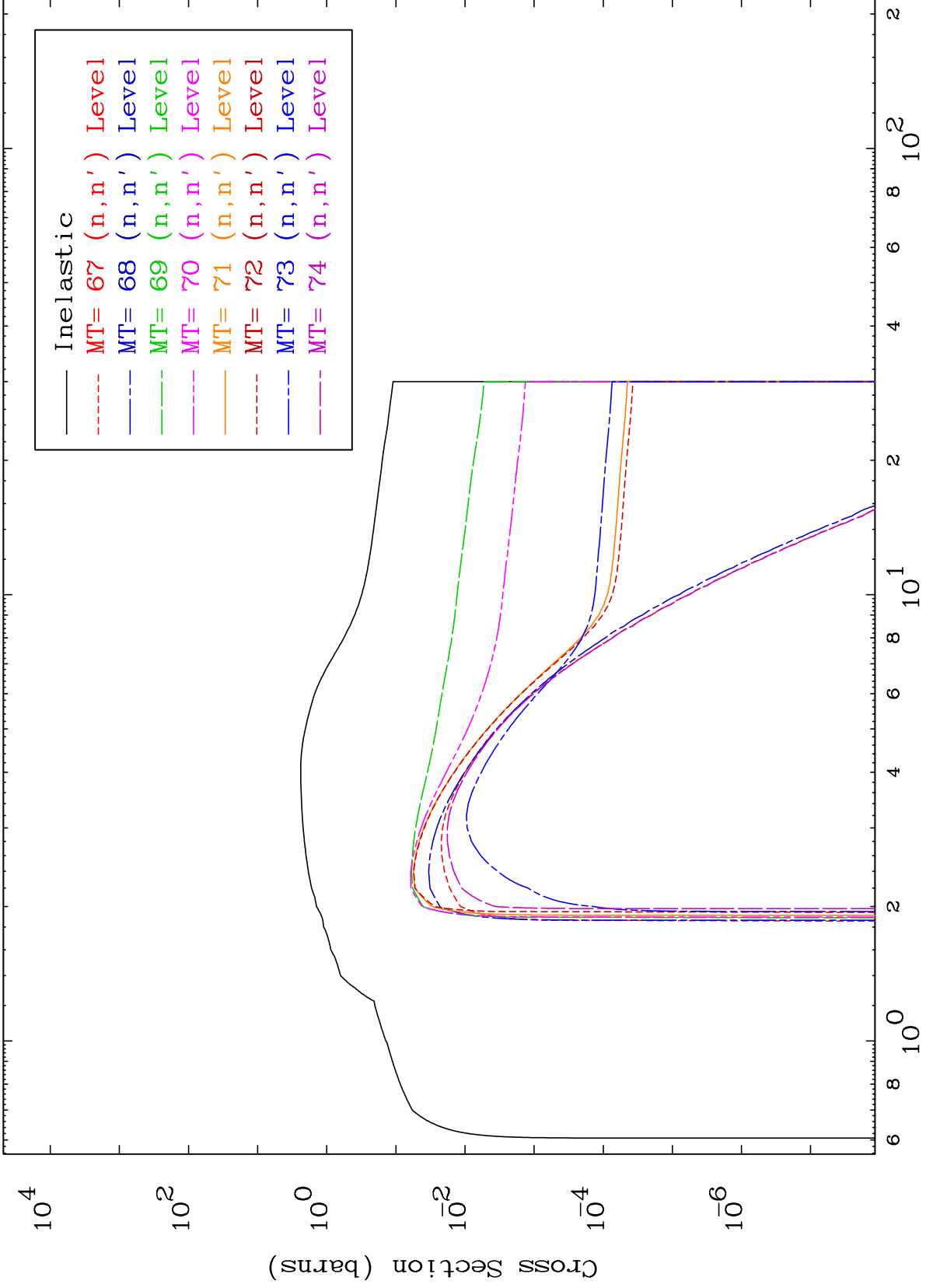
54-Xe-137

MAT 5464

(n,n') Levels

54-Xe-137

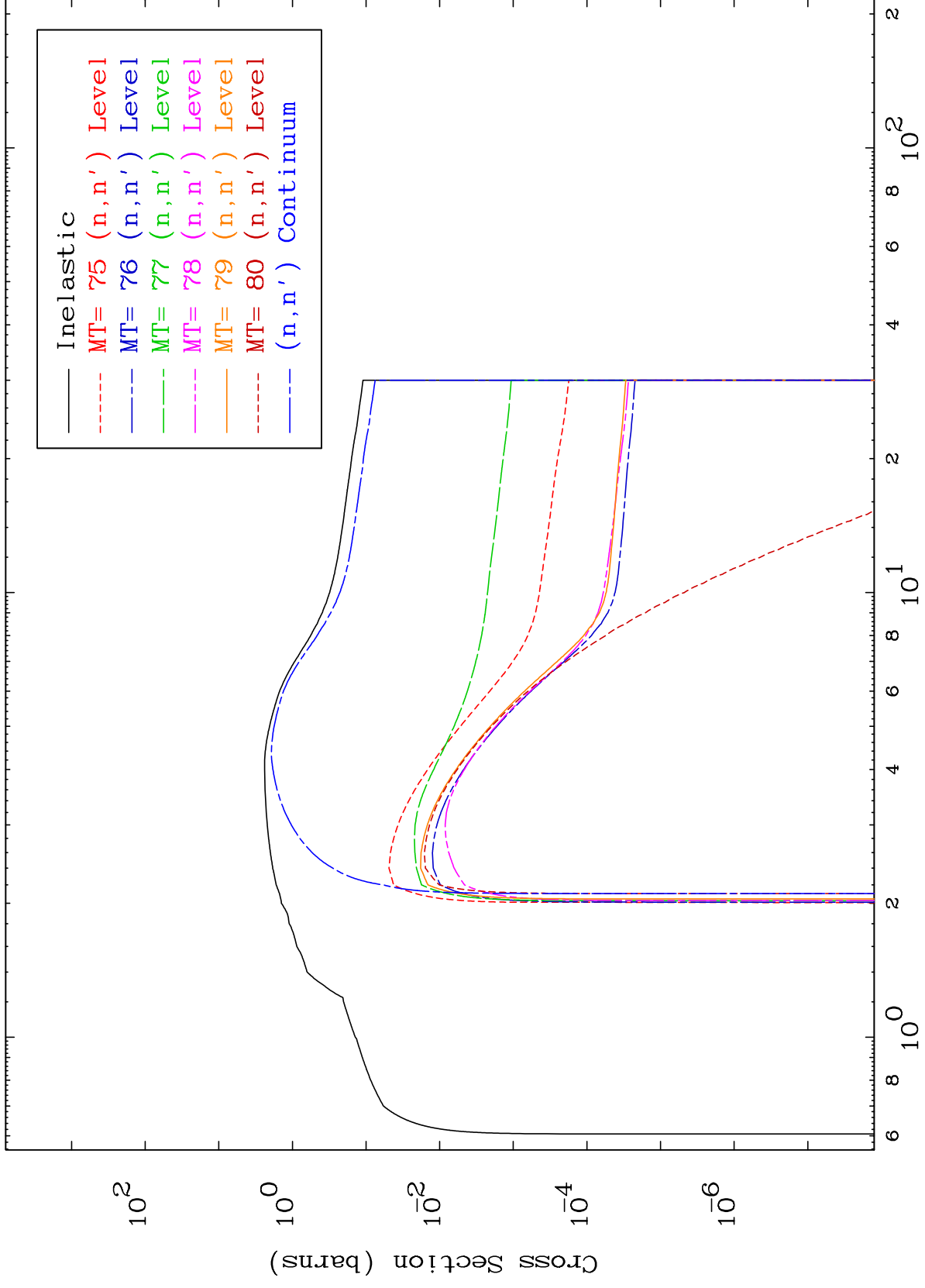
293 Kelvin Cross Sections



10

Incident Energy (MeV)

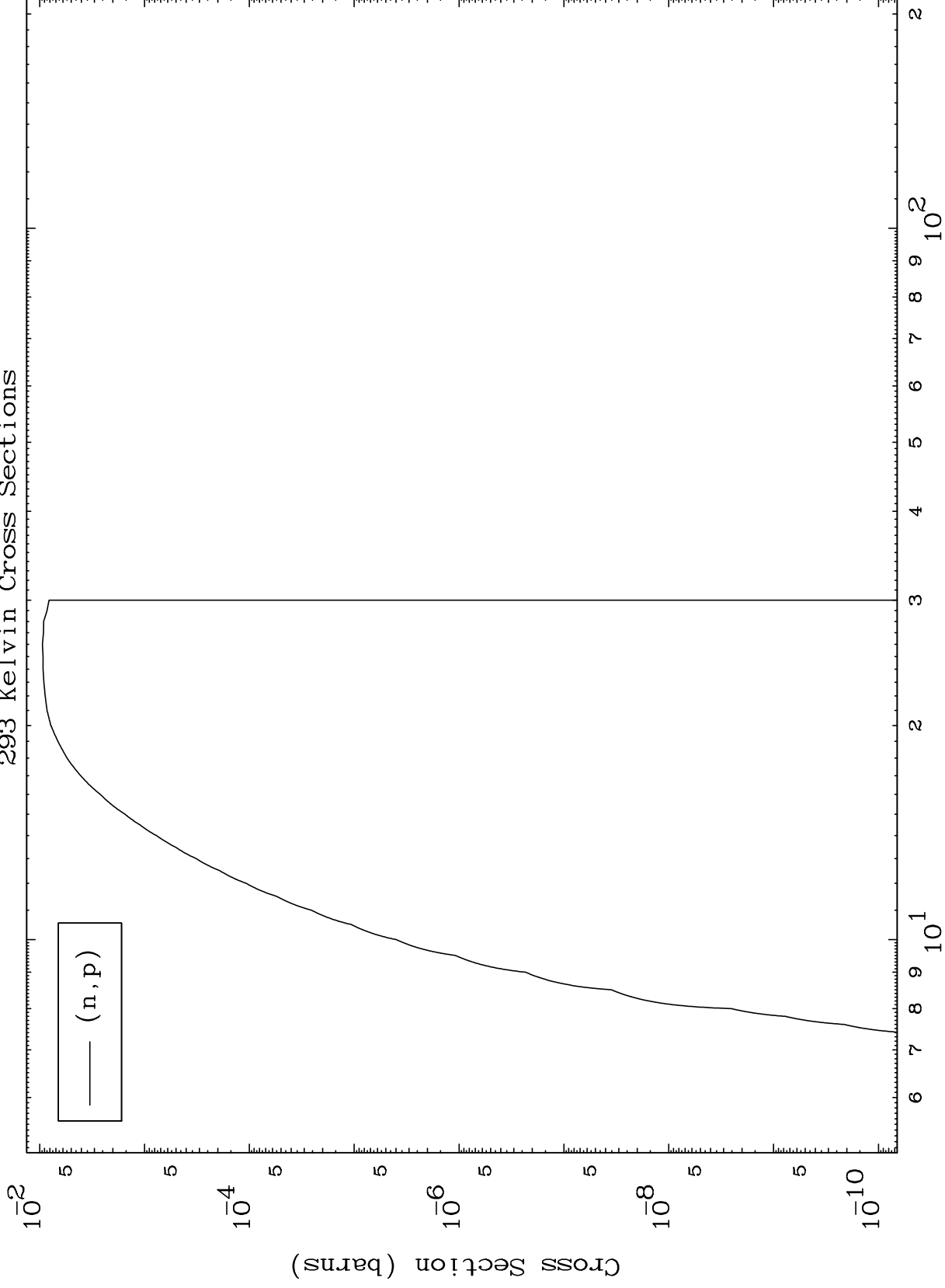
54-Xe-137



MAT 5464

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-137



12

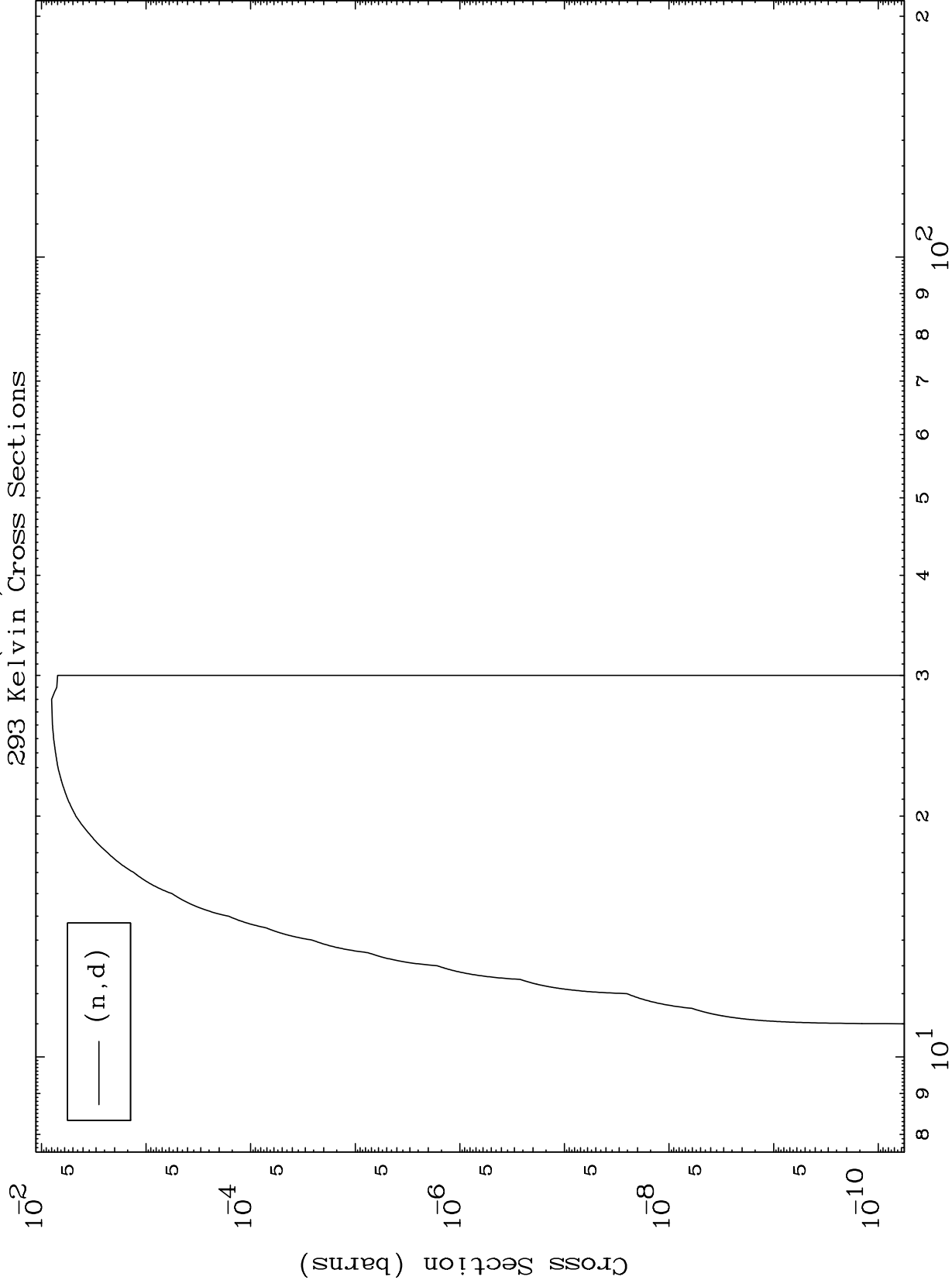
Incident Energy (MeV)

54-Xe-137

MAT 5464

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-137



13

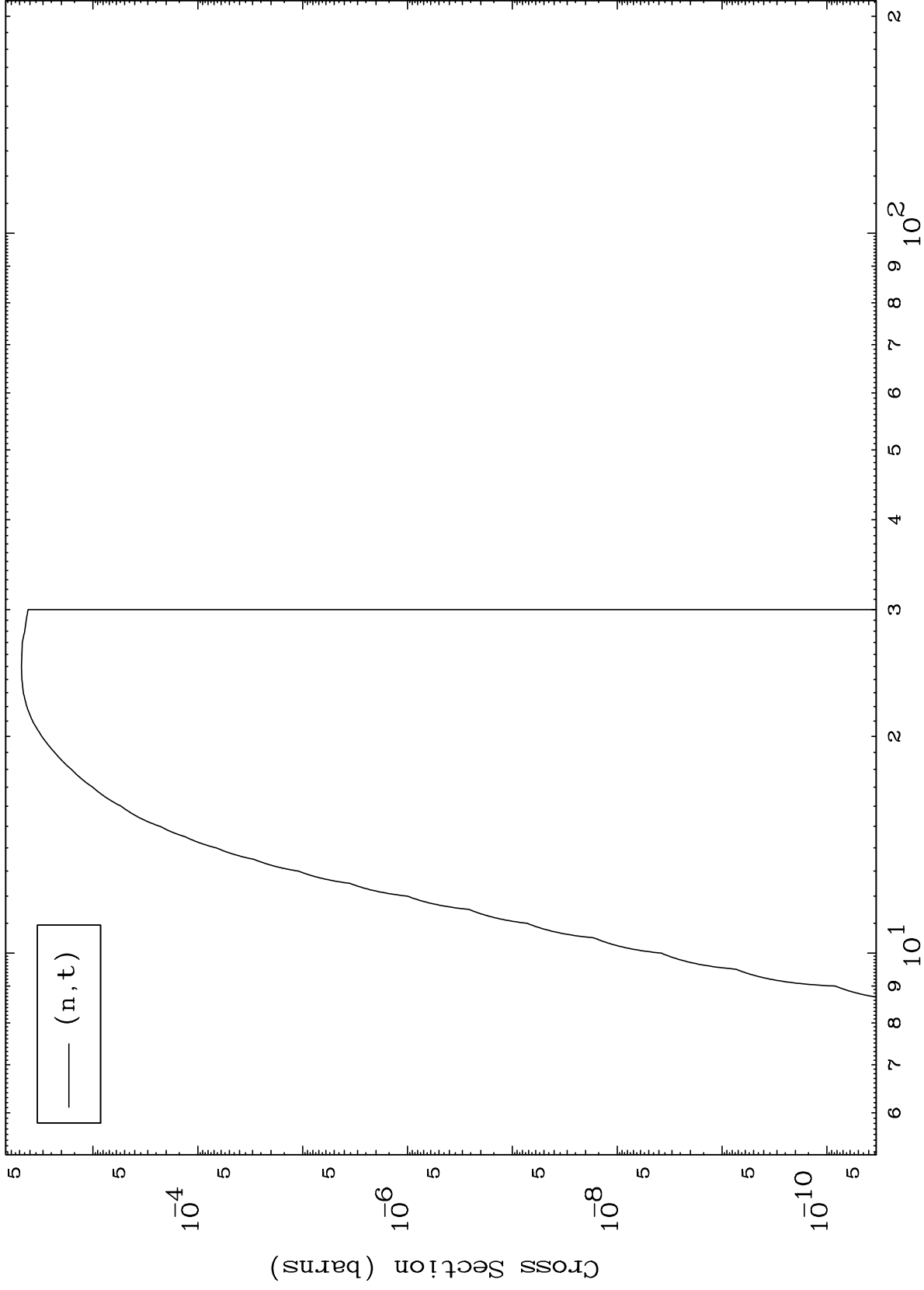
Incident Energy (MeV)

54-Xe-137

MAT 5464

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-137



14

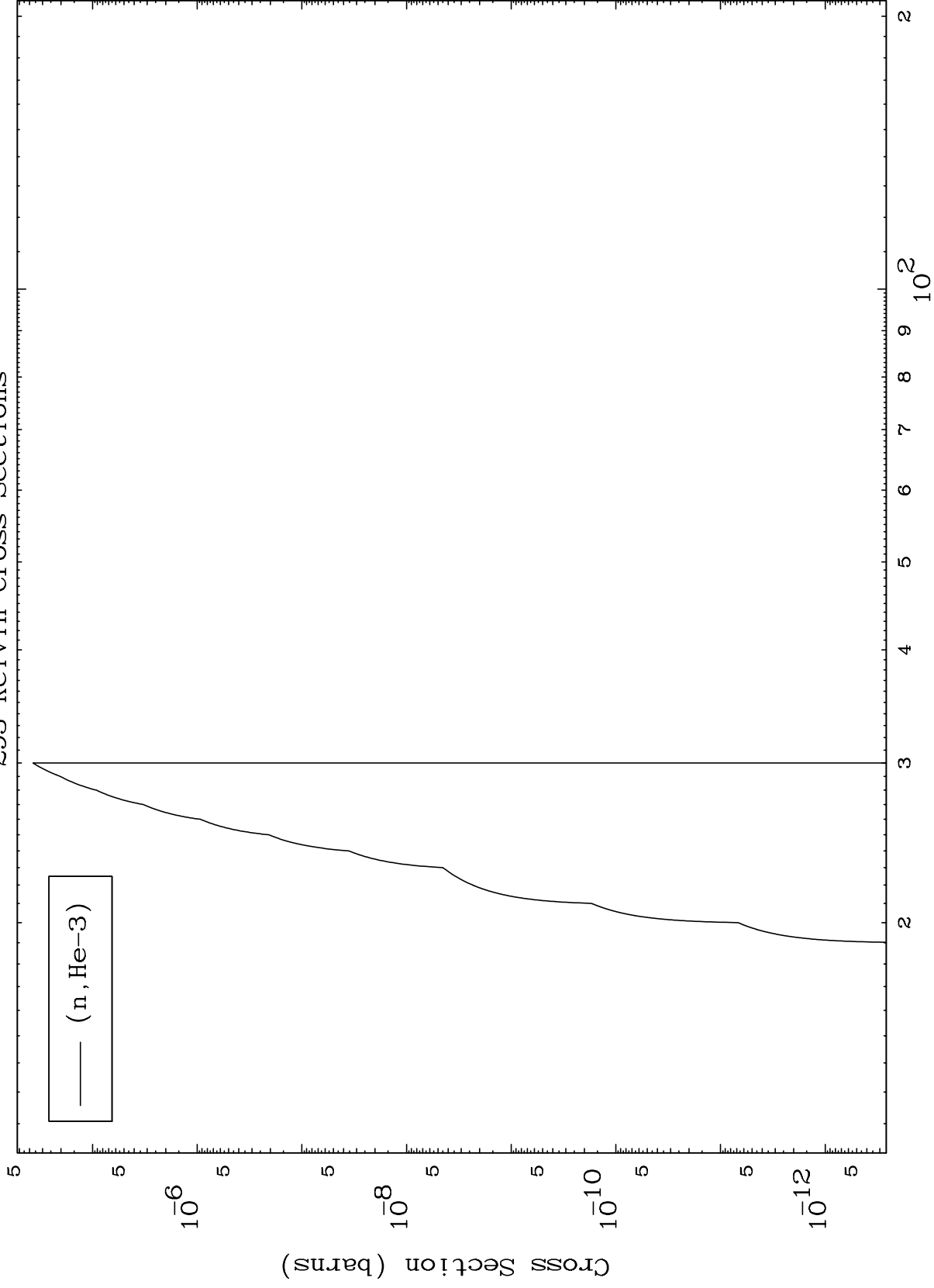
Incident Energy (MeV)

54-Xe-137

MAT 5464

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-137



15

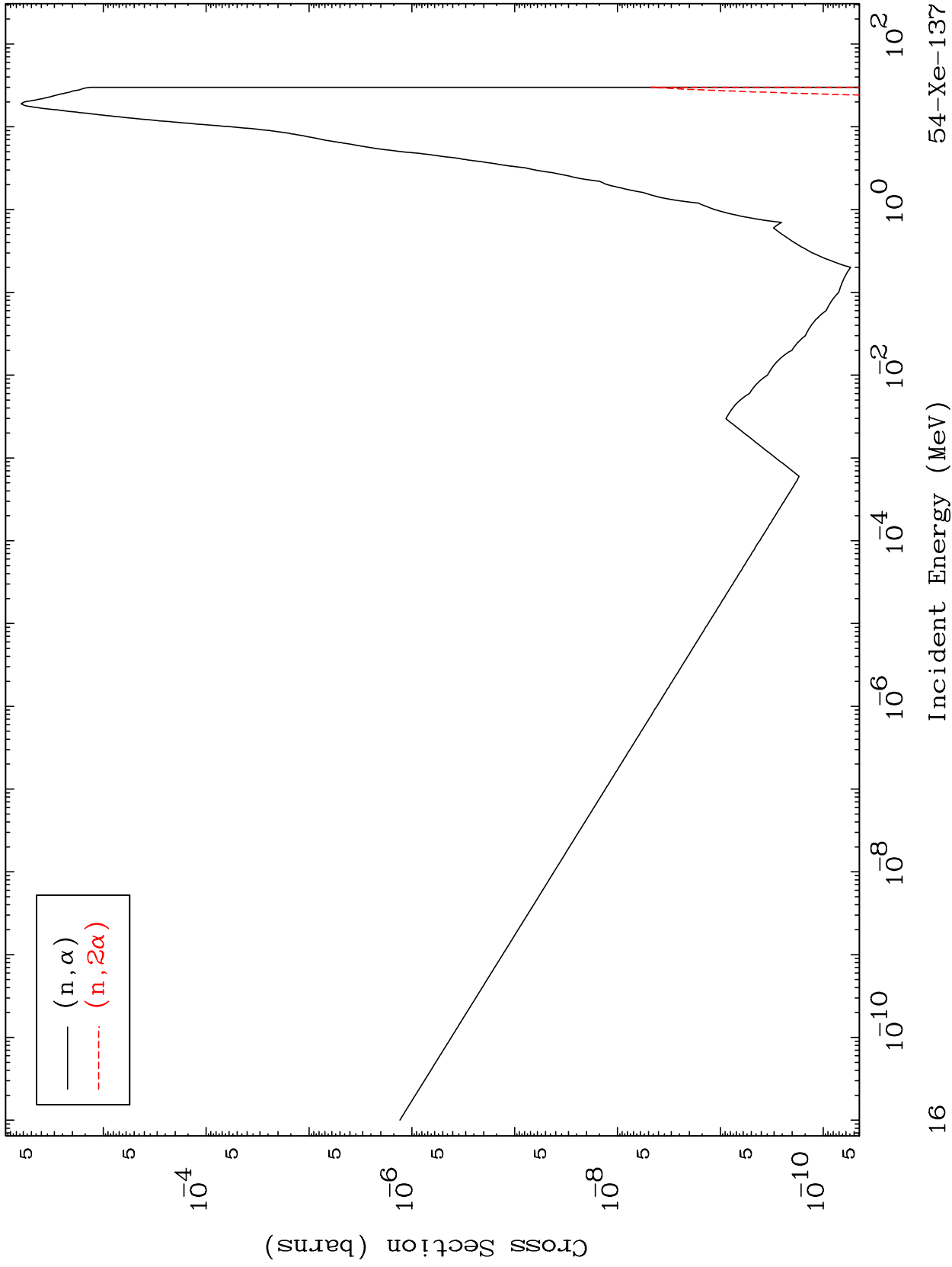
Incident Energy (MeV)

54-Xe-137

MAT 5464

(n, α) Levels
293 Kelvin Cross Sections

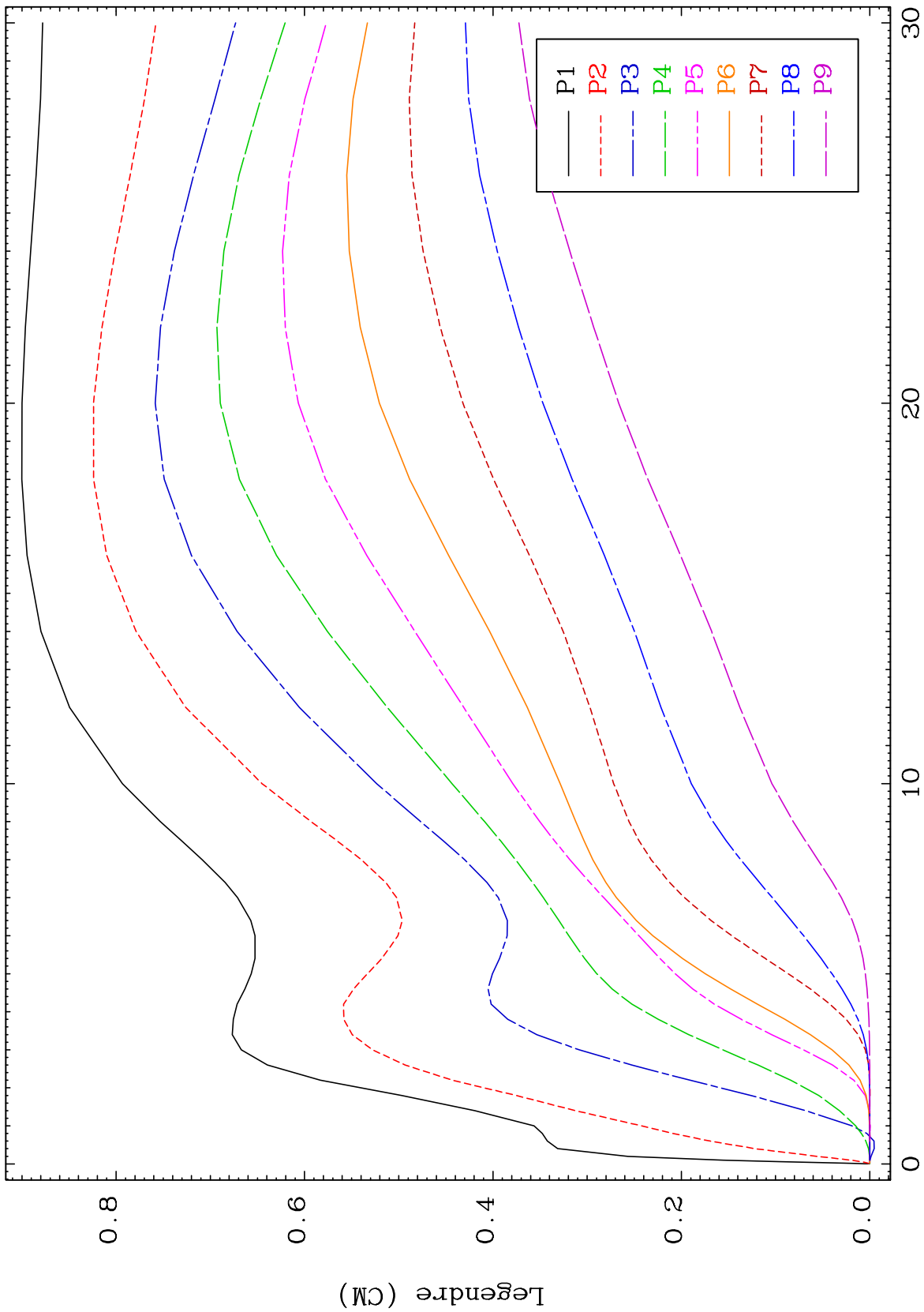
54-Xe-137



MAT 5464

Elastic Legendre Coefficients

54-Xe-137



17

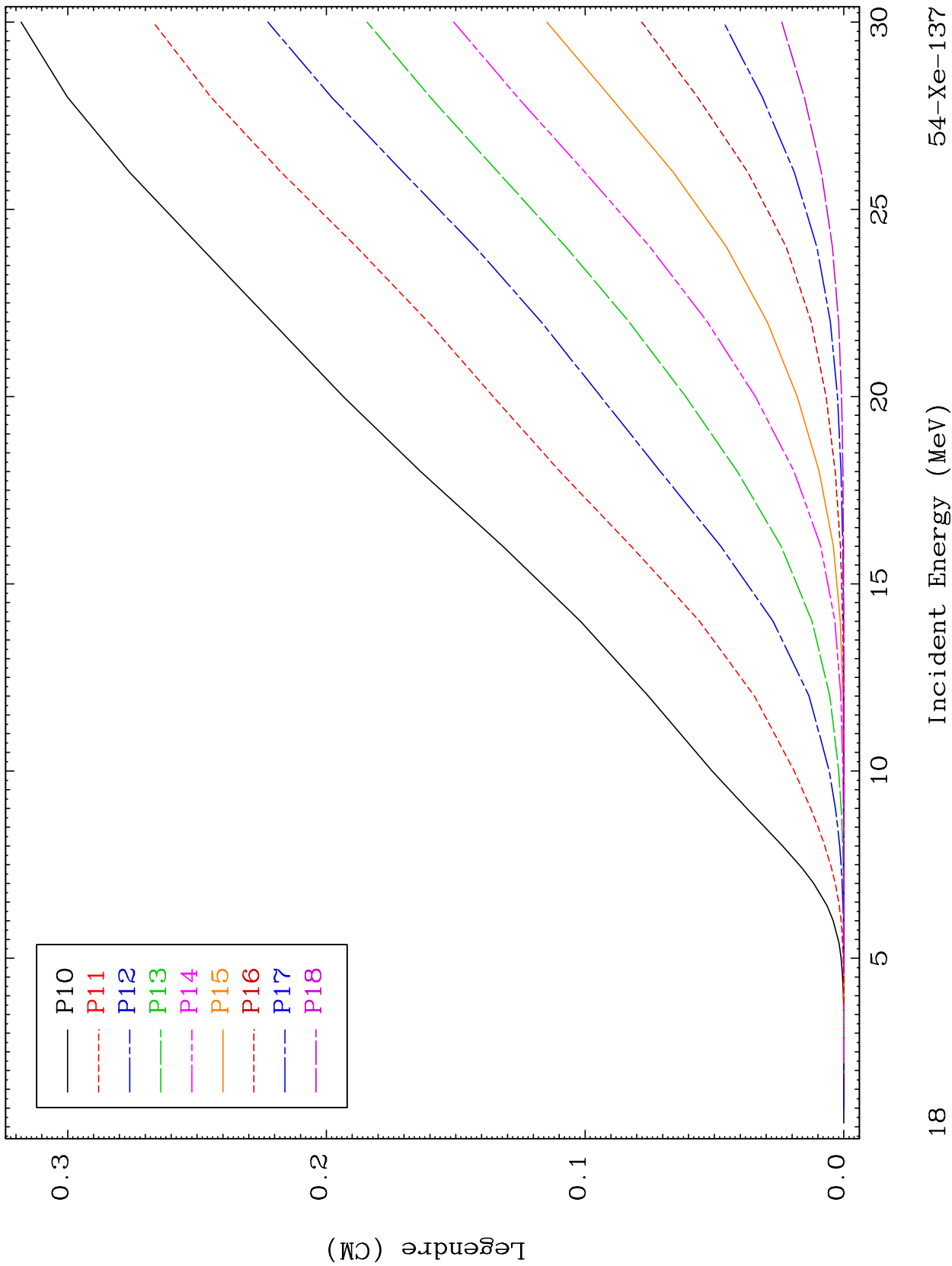
Incident Energy (MeV)

54-Xe-137

MAT 5464

Elastic Legendre Coefficients

54-Xe-137



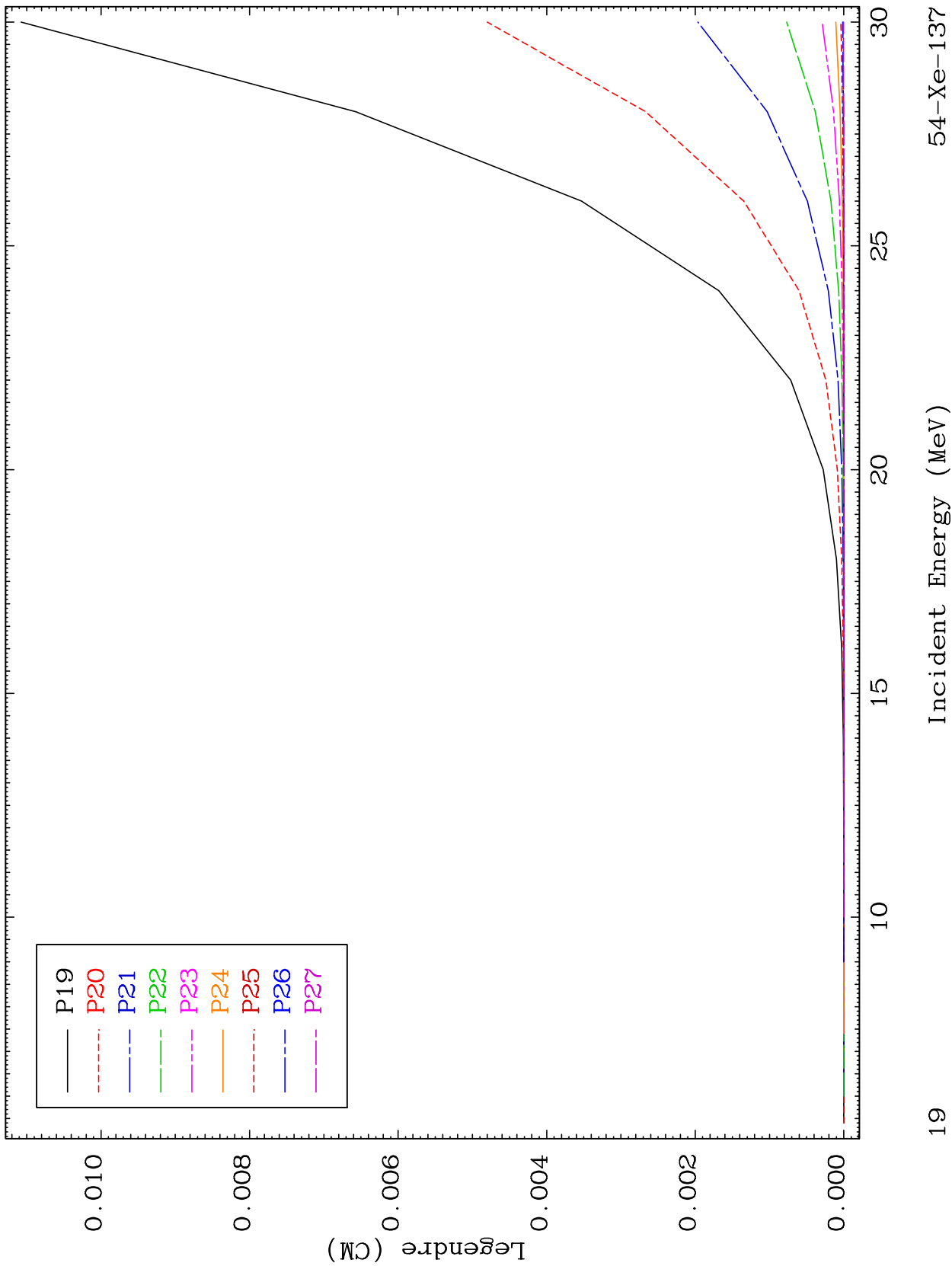
18

54-Xe-137

MAT 5464

Elastic Legendre Coefficients

54-Xe-137



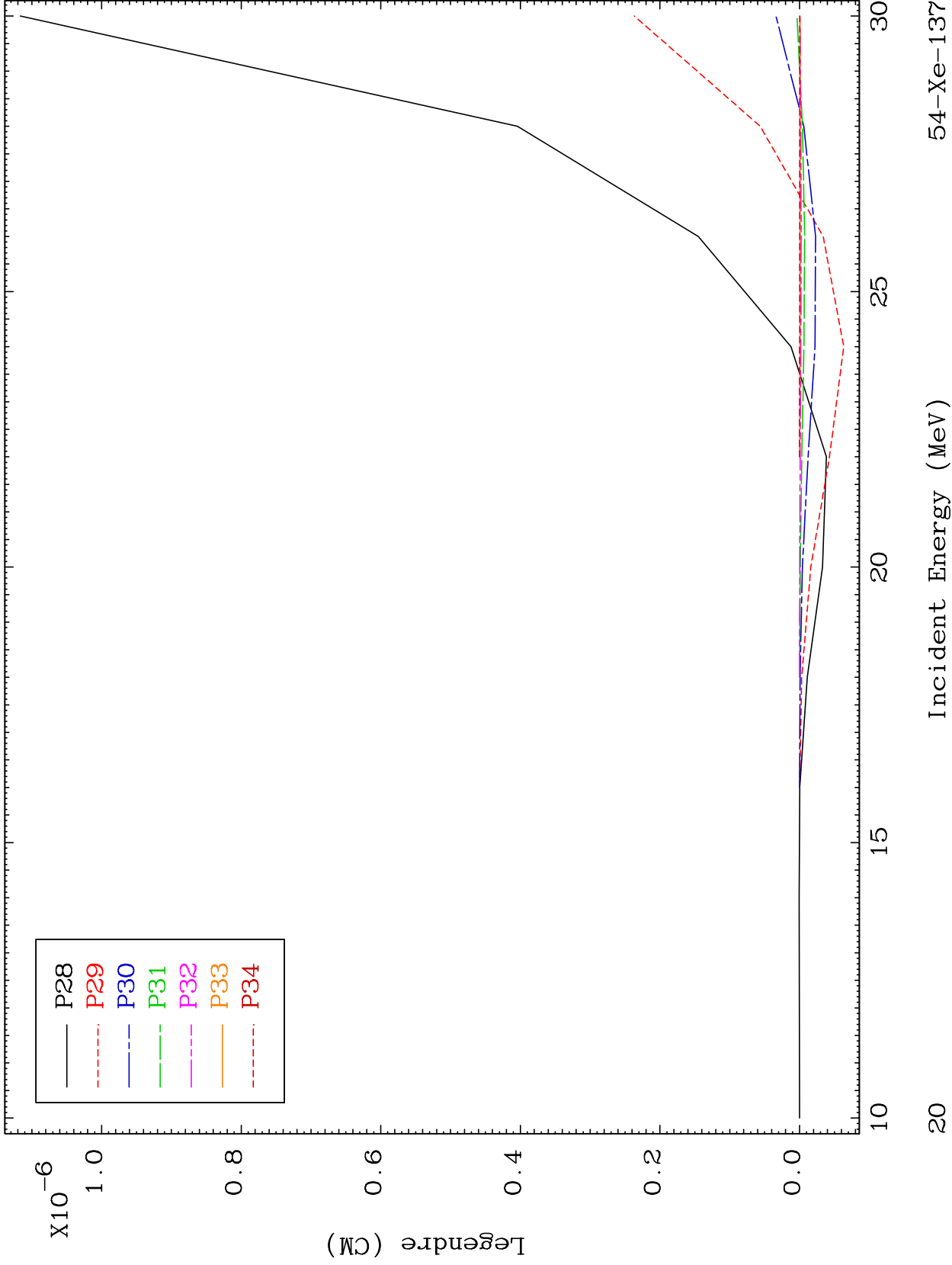
19

54-Xe-137

MAT 5464

Elastic Legendre Coefficients

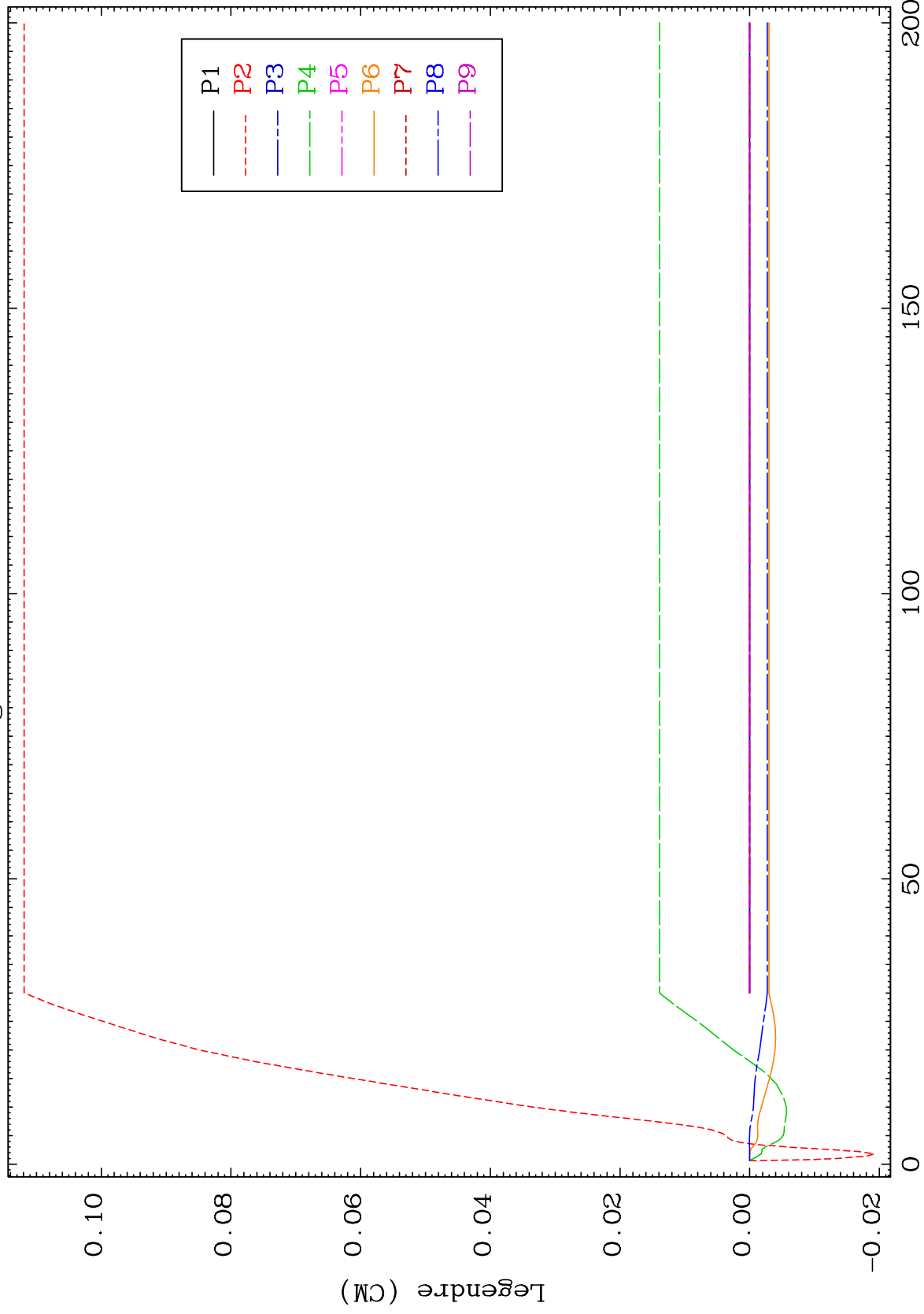
54-Xe-137



MAT 5464

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

54-Xe-137



54-Xe-137

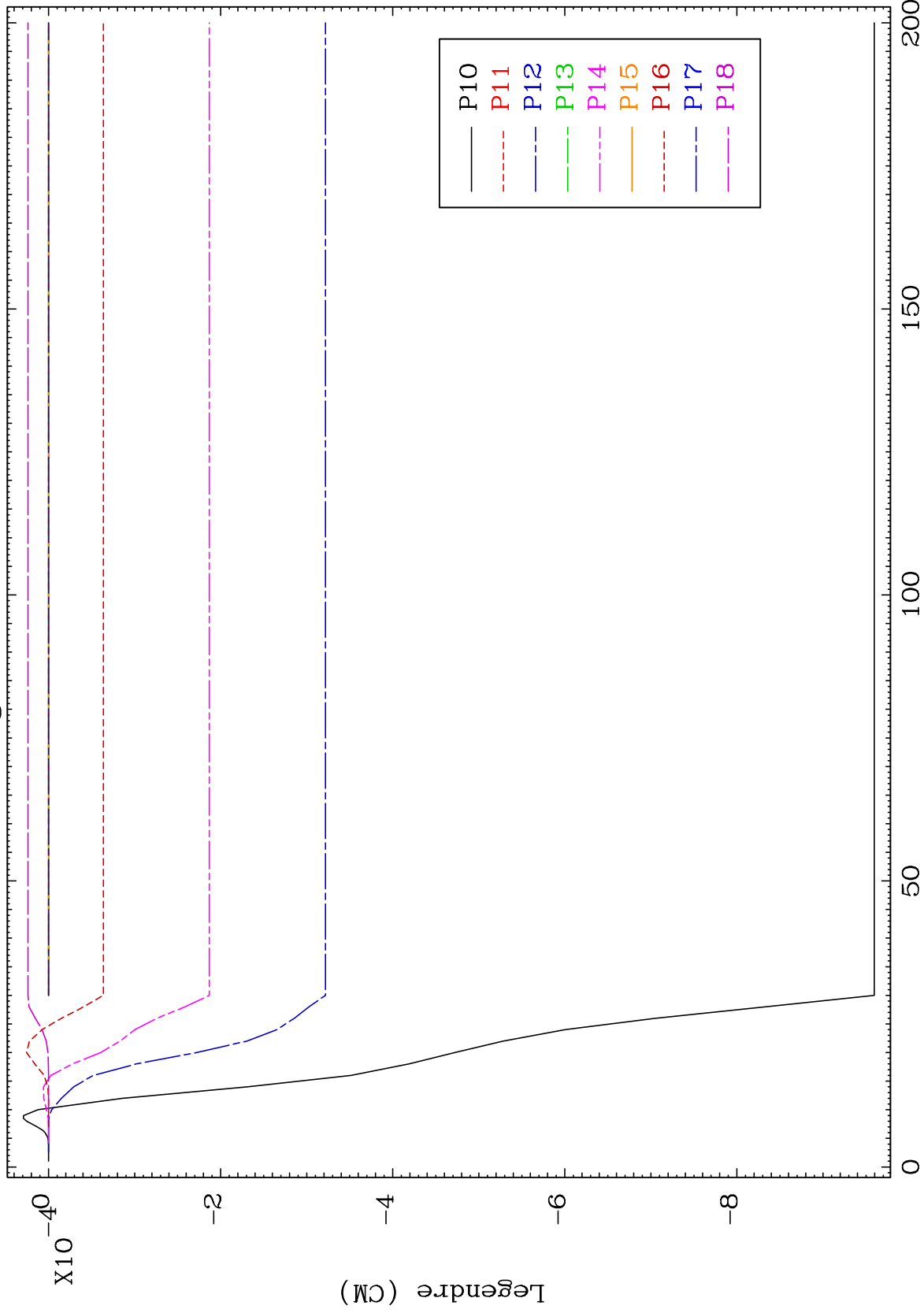
Incident Energy (MeV)

21

MAT 5464

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

54-Xe-137



22

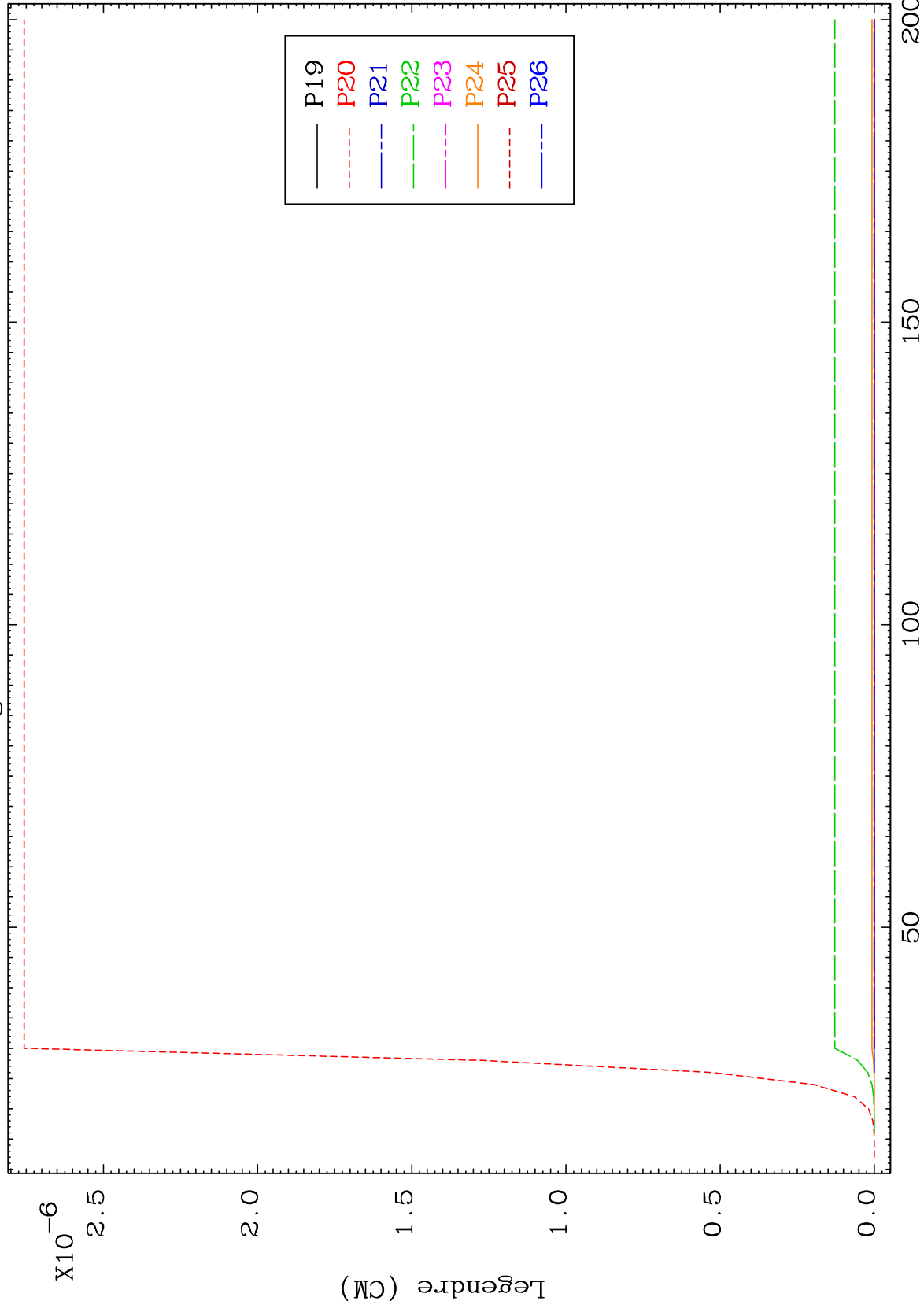
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



23

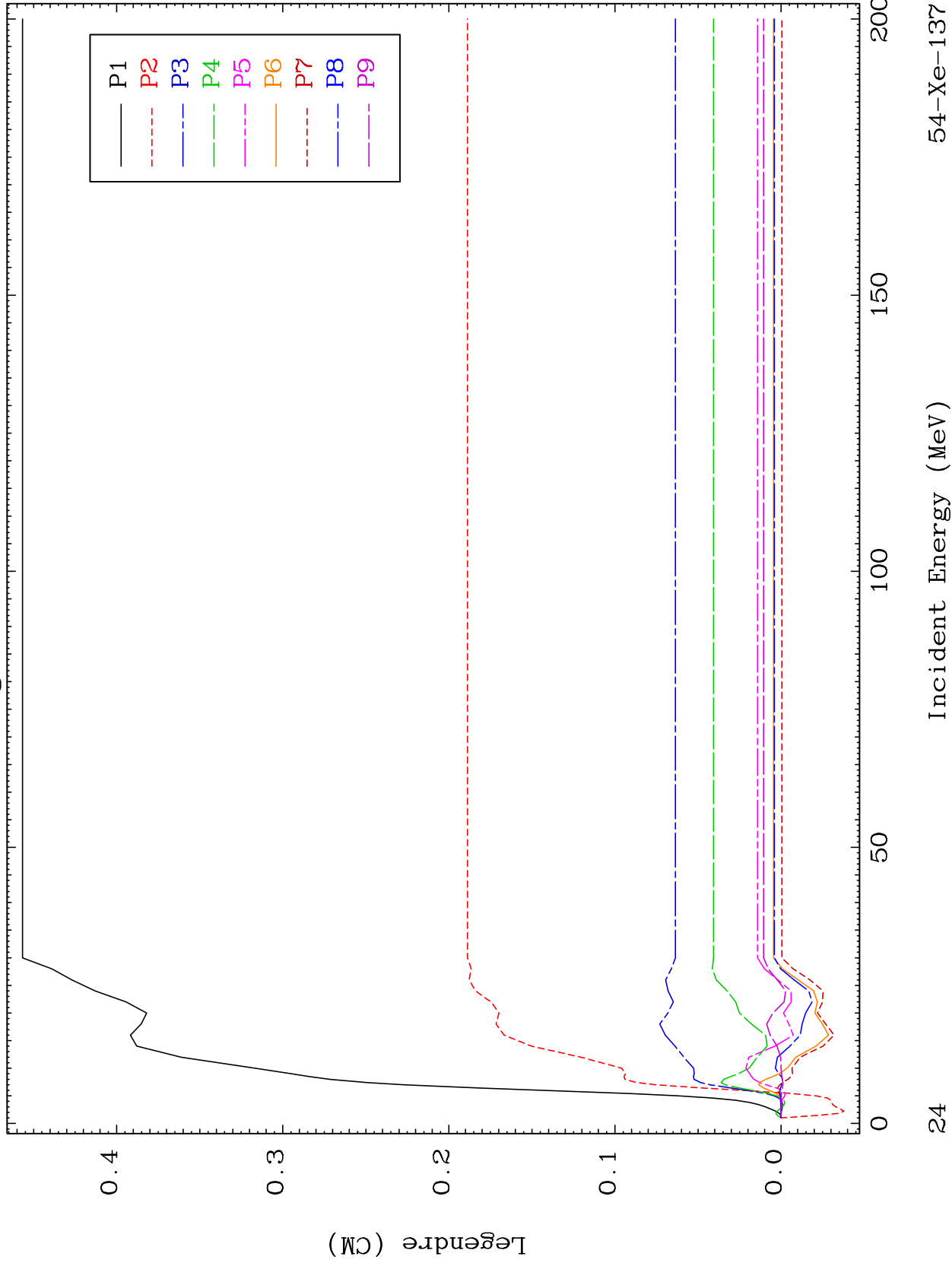
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



54-Xe-137

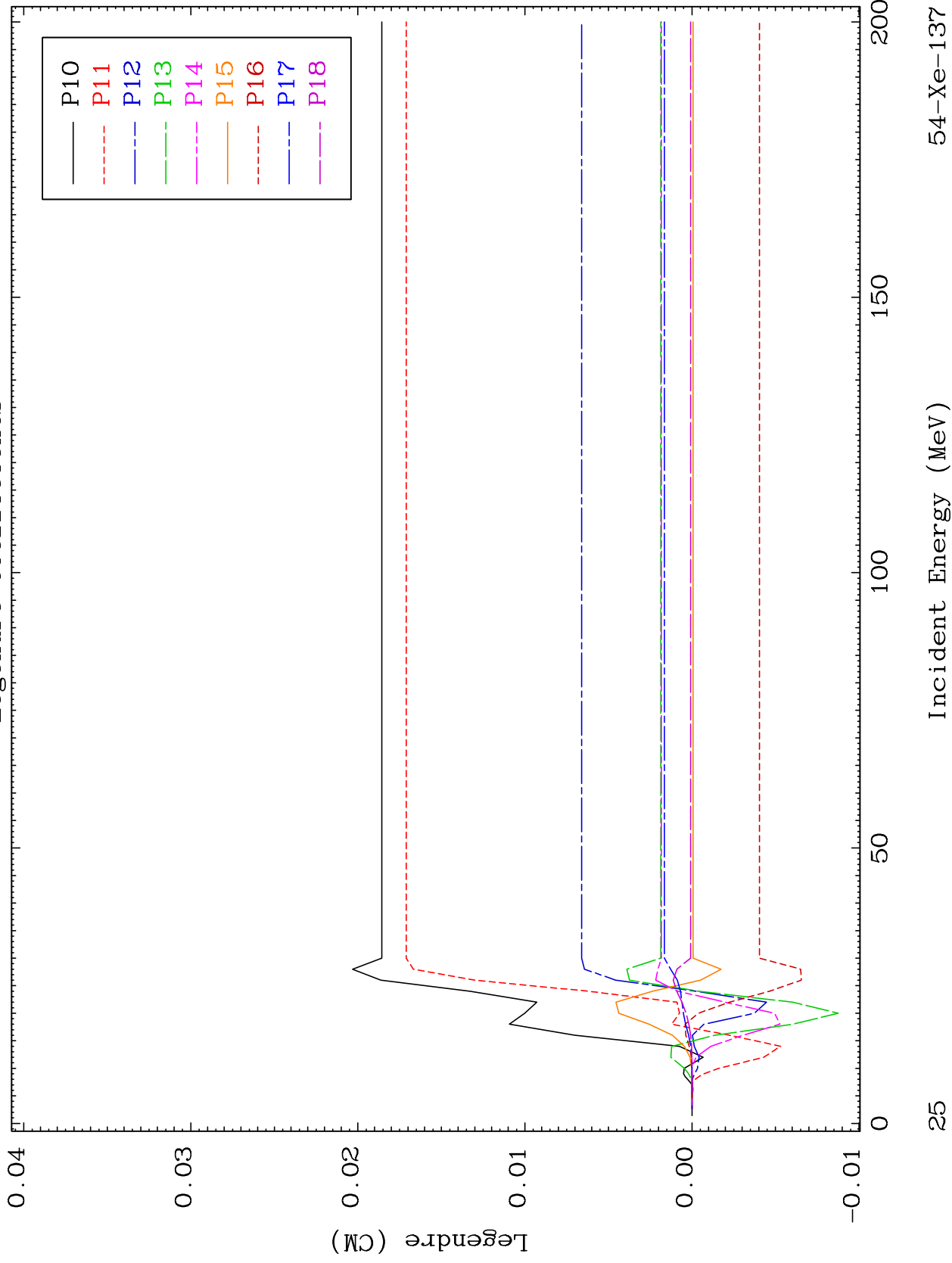
Incident Energy (MeV)

24

MAT 5464

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

54-Xe-137



25

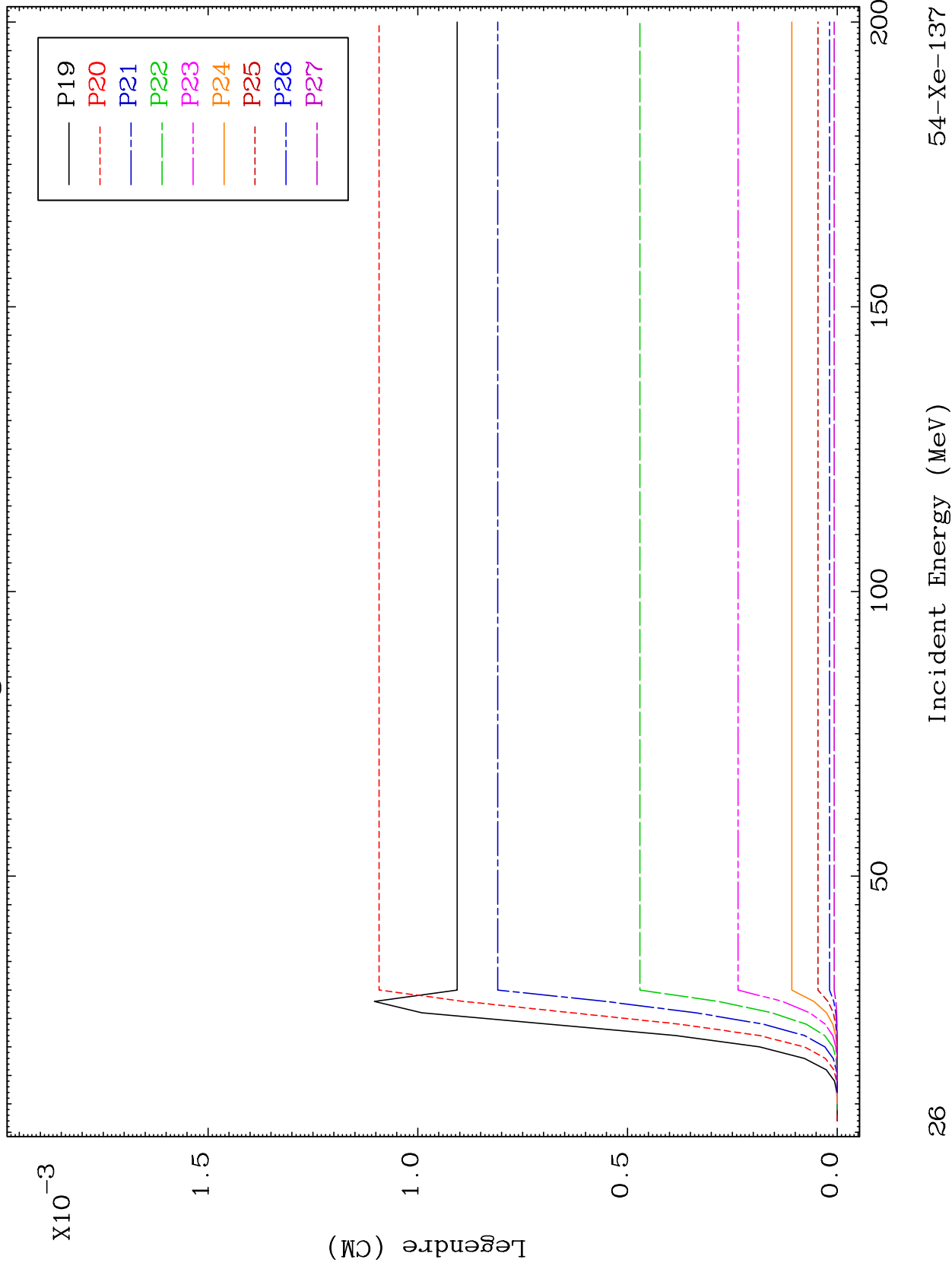
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137

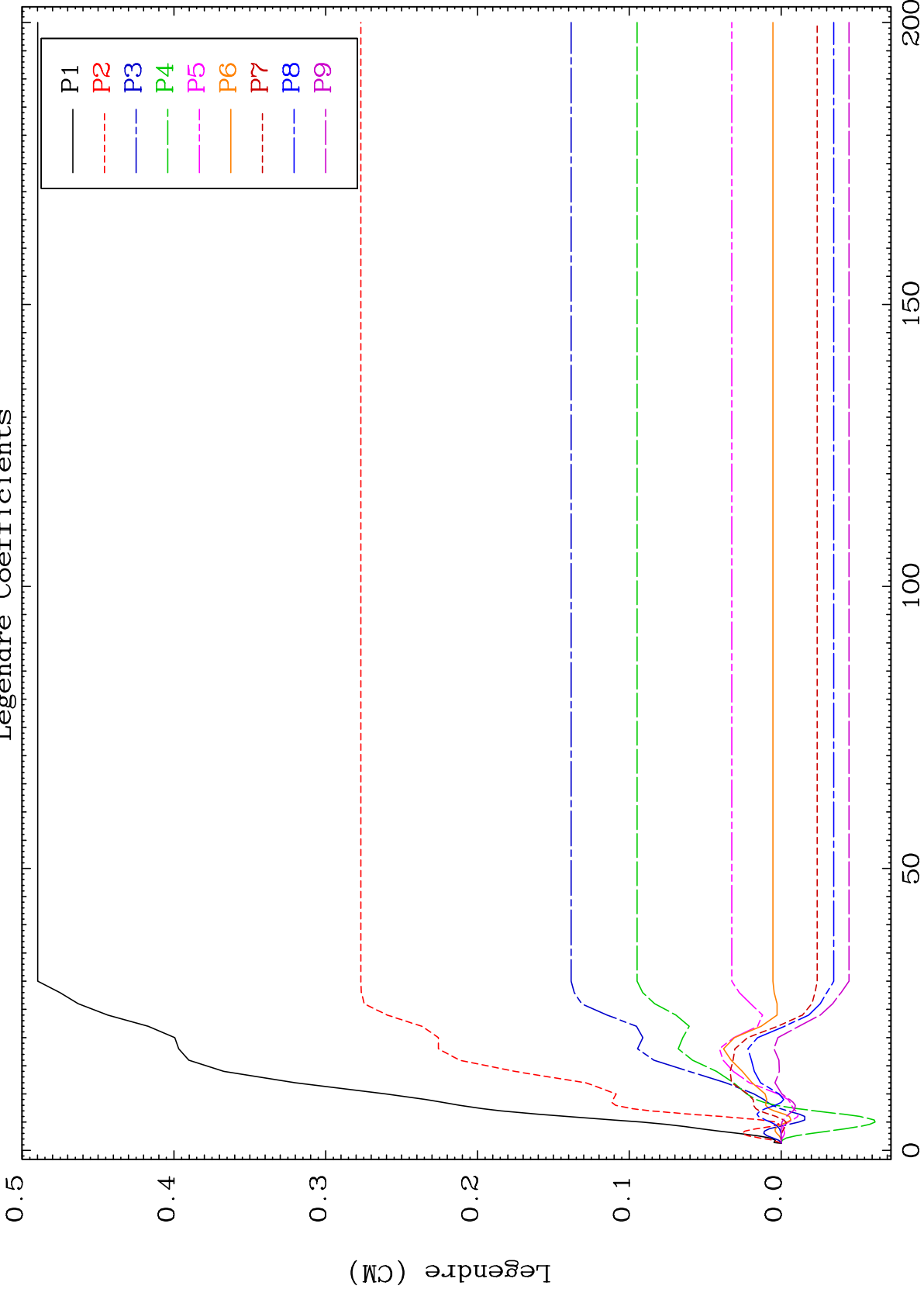


MAT 5464

MT= 53 (n,n') Level

54-Xe-137

Legendre Coefficients



28

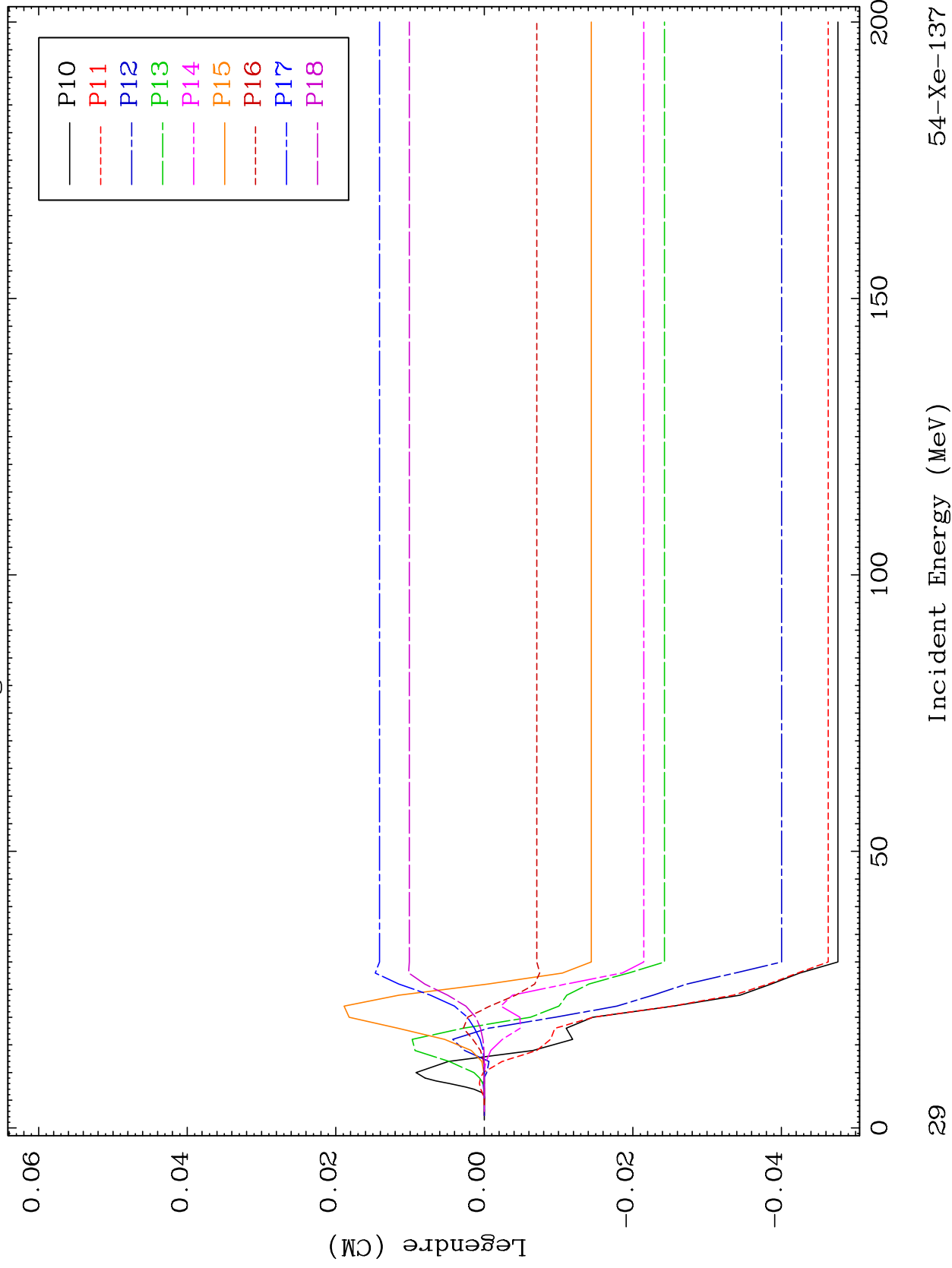
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

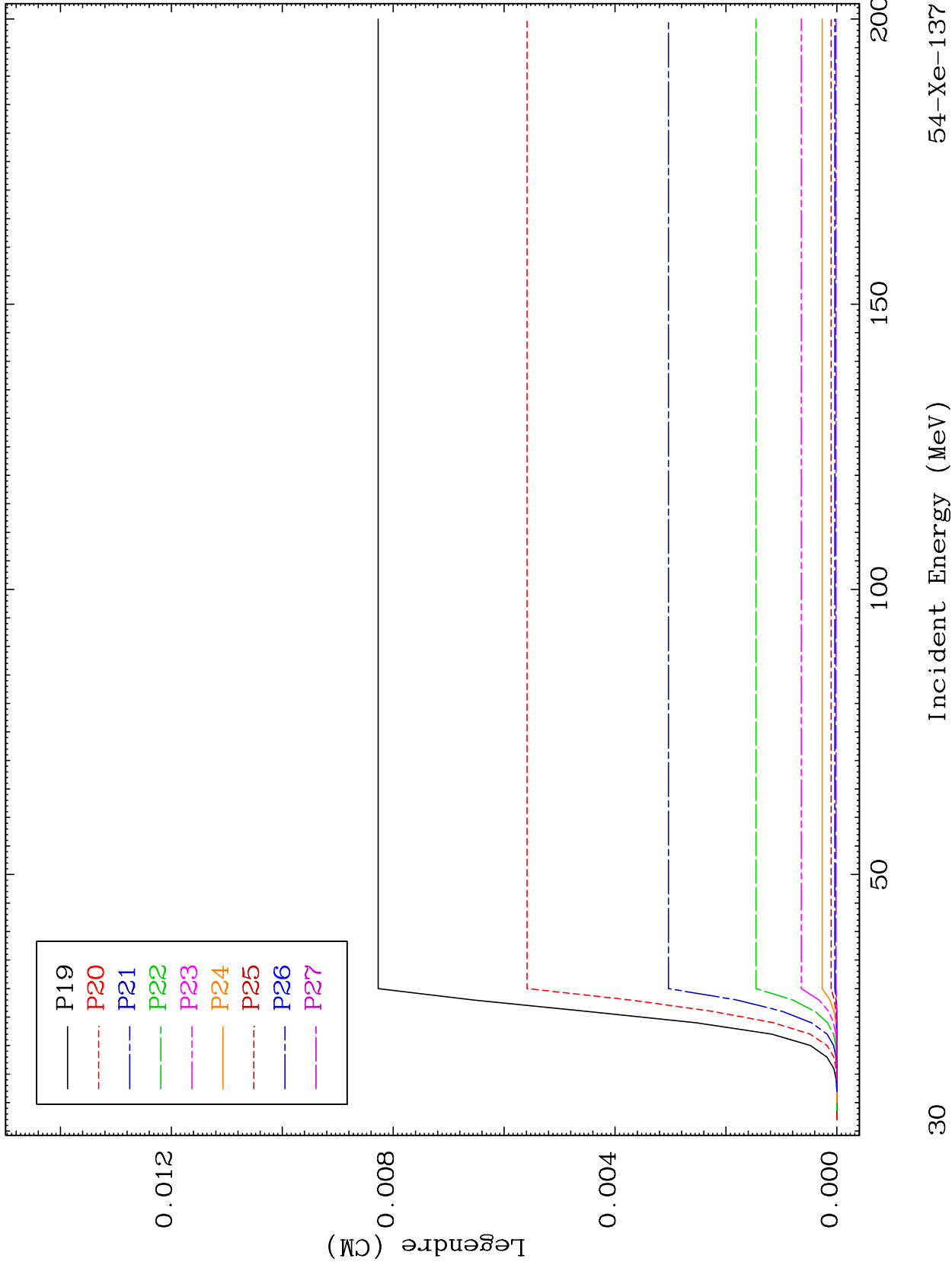
54-Xe-137



MAT 5464

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

54-Xe-137



54-Xe-137

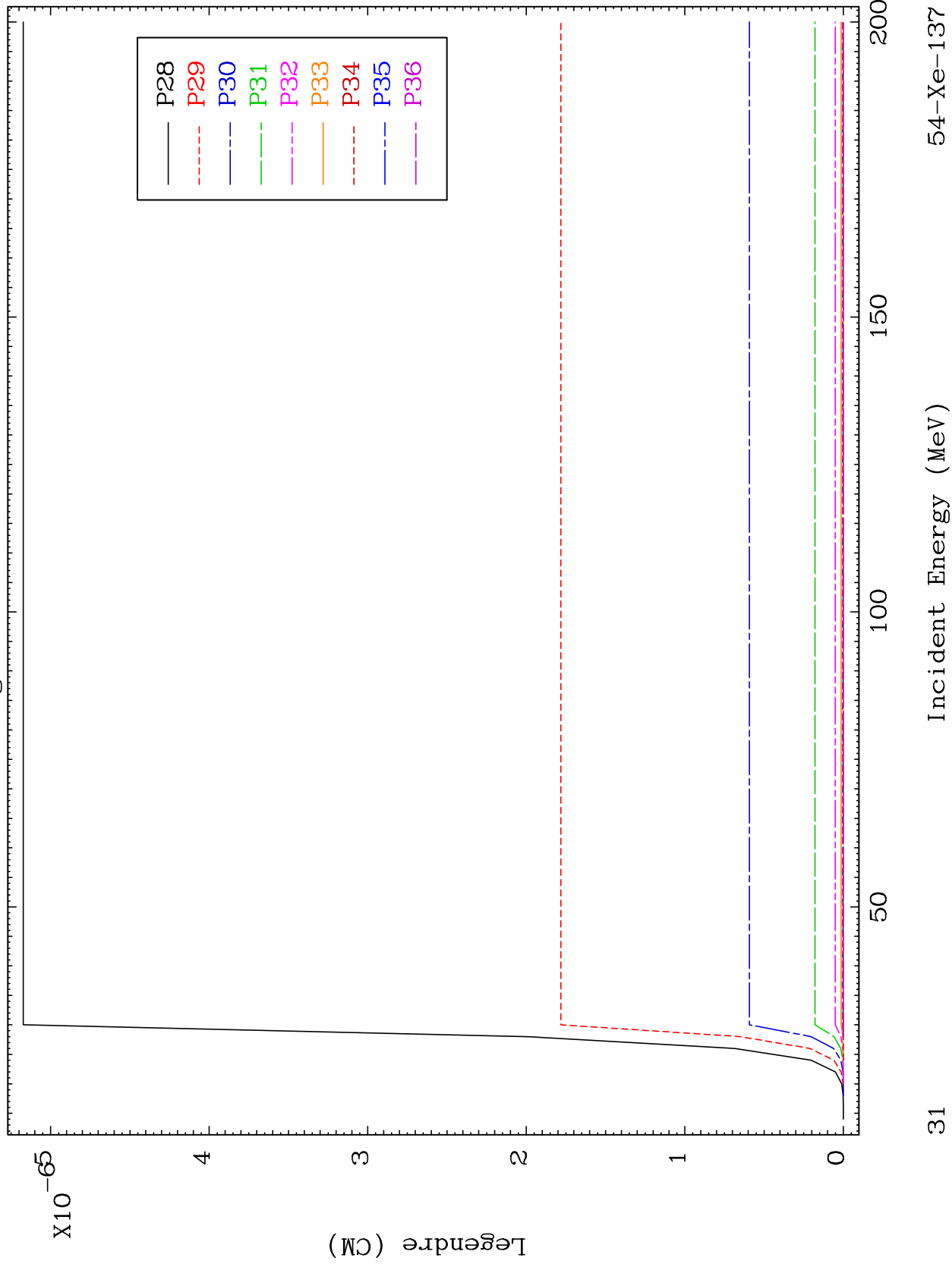
Incident Energy (MeV)

30

MAT 5464

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

54-Xe-137

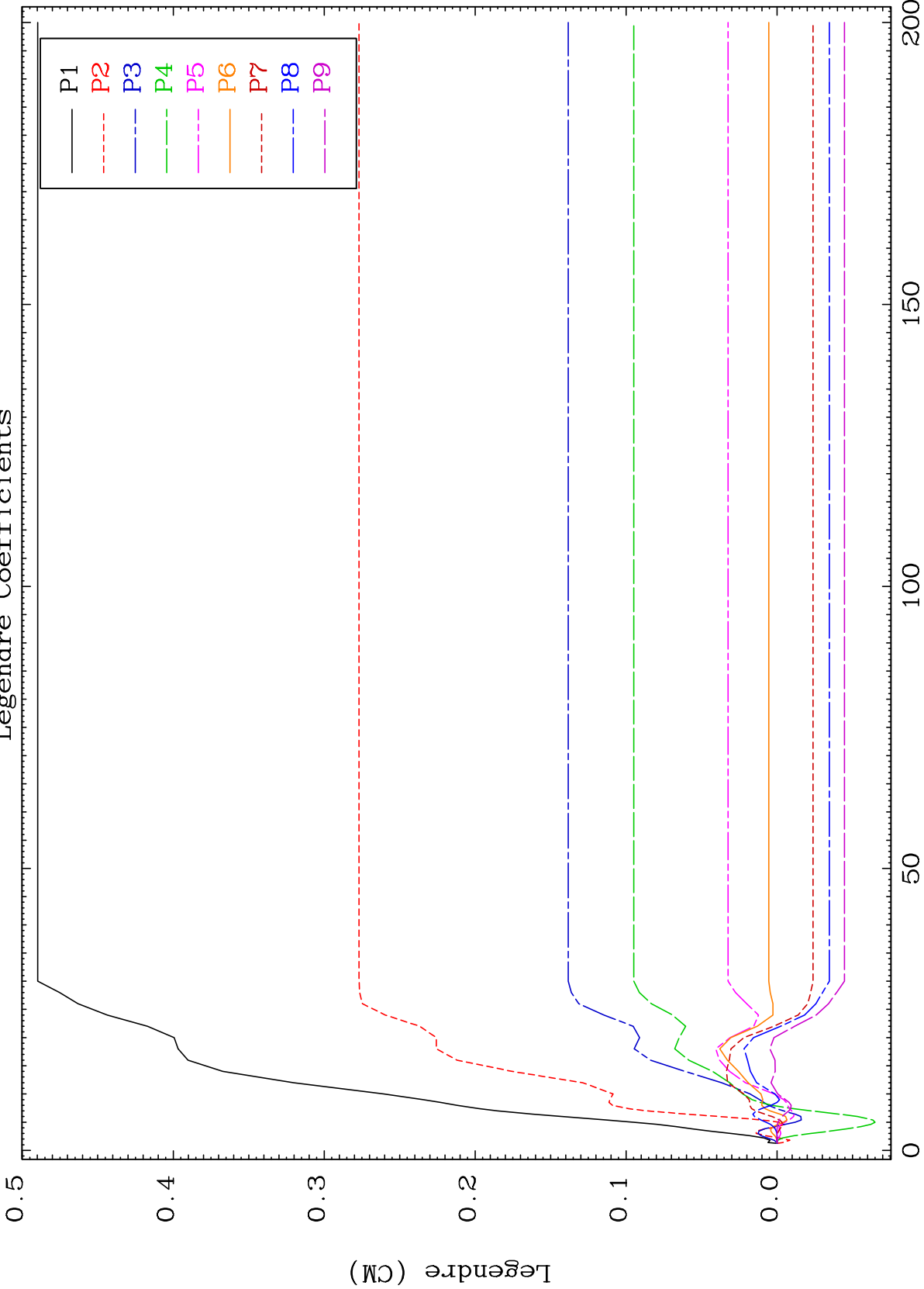


MAT 5464

MT= 54 (n,n') Level

54-Xe-137

Legendre Coefficients



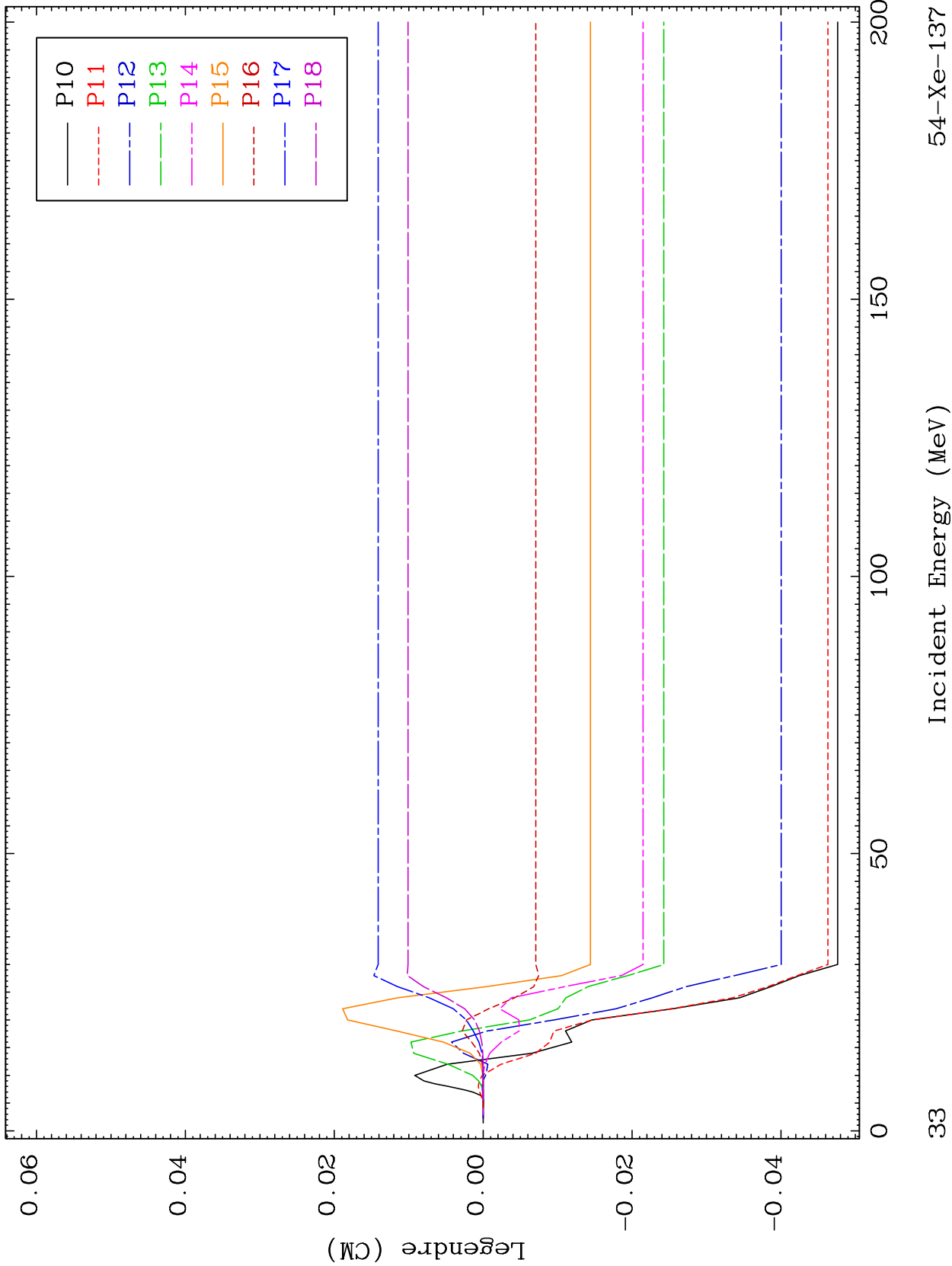
32

54-Xe-137

MAT 5464

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

54-Xe-137



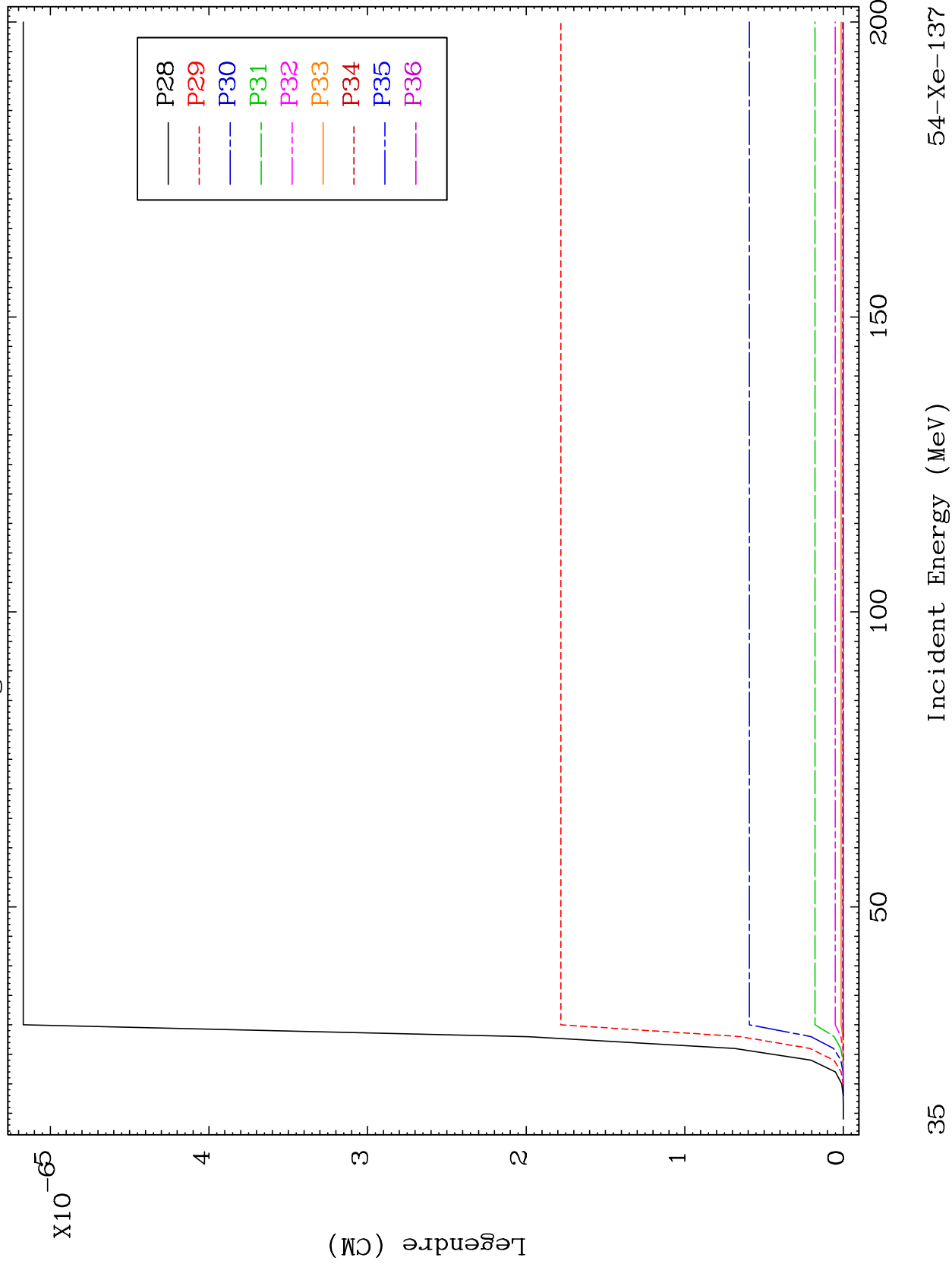
33

54-Xe-137

MAT 5464

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

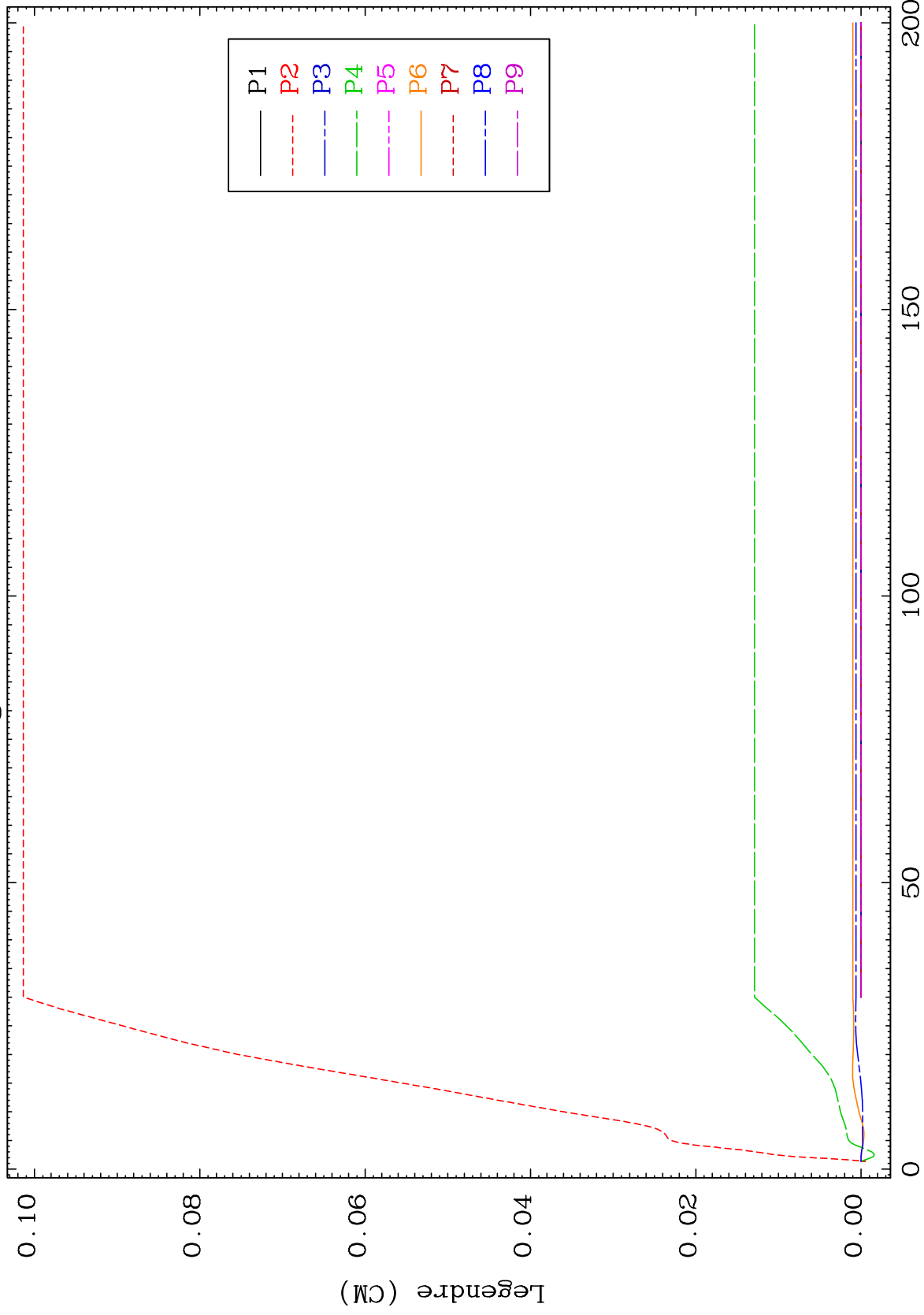
54-Xe-137



MAT 5464

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

54-Xe-137



36

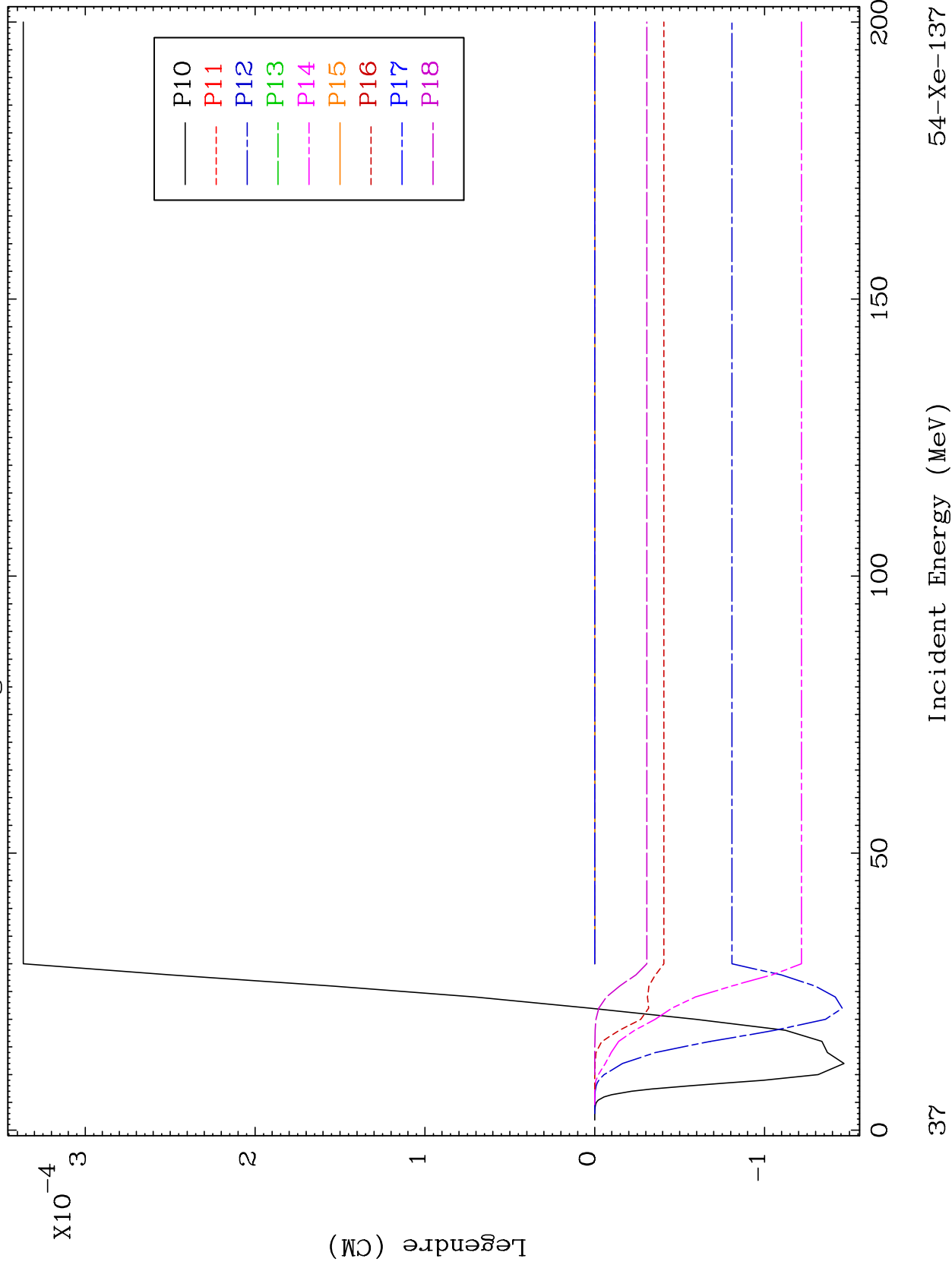
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

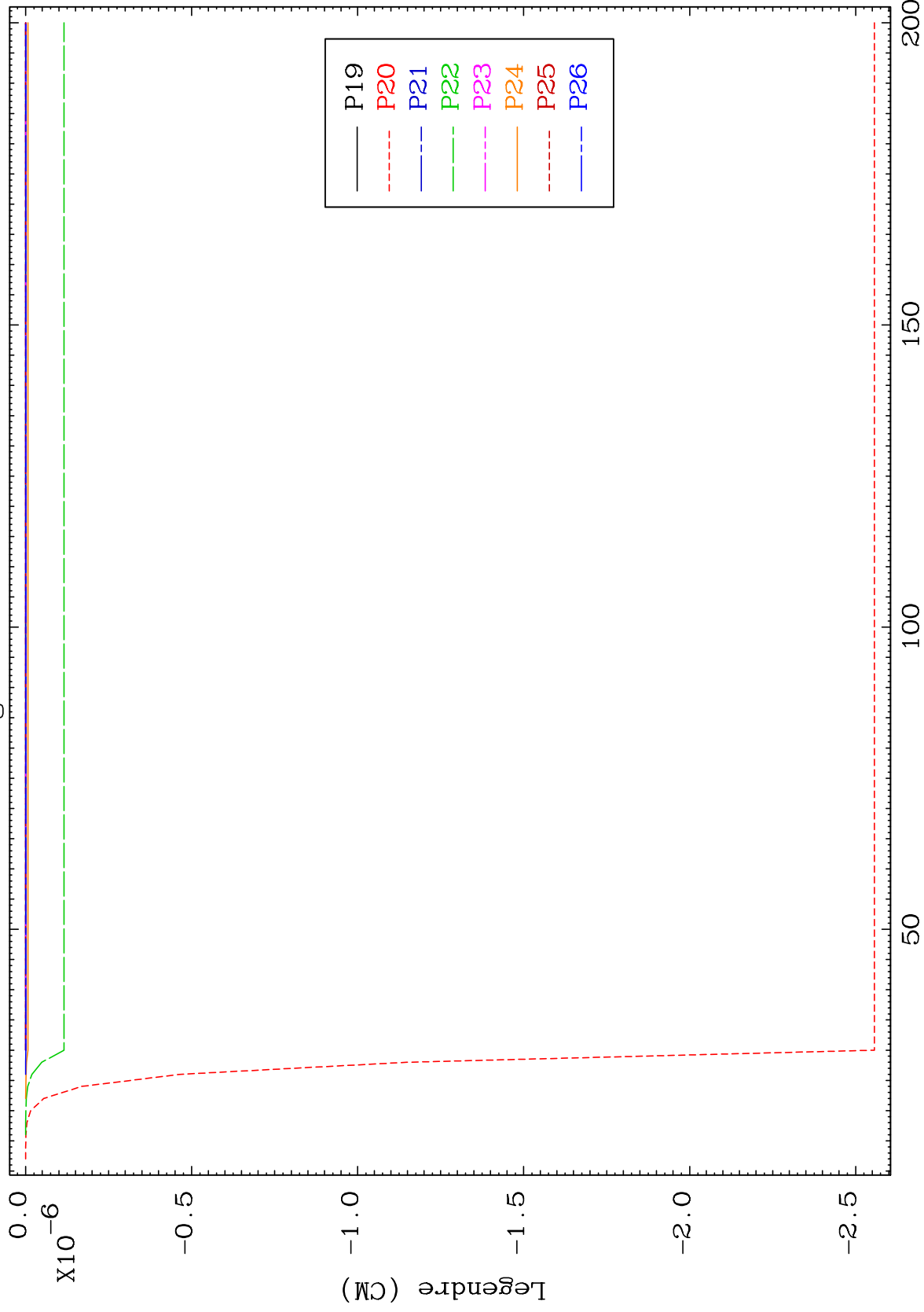
54-Xe-137



MAT 5464

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

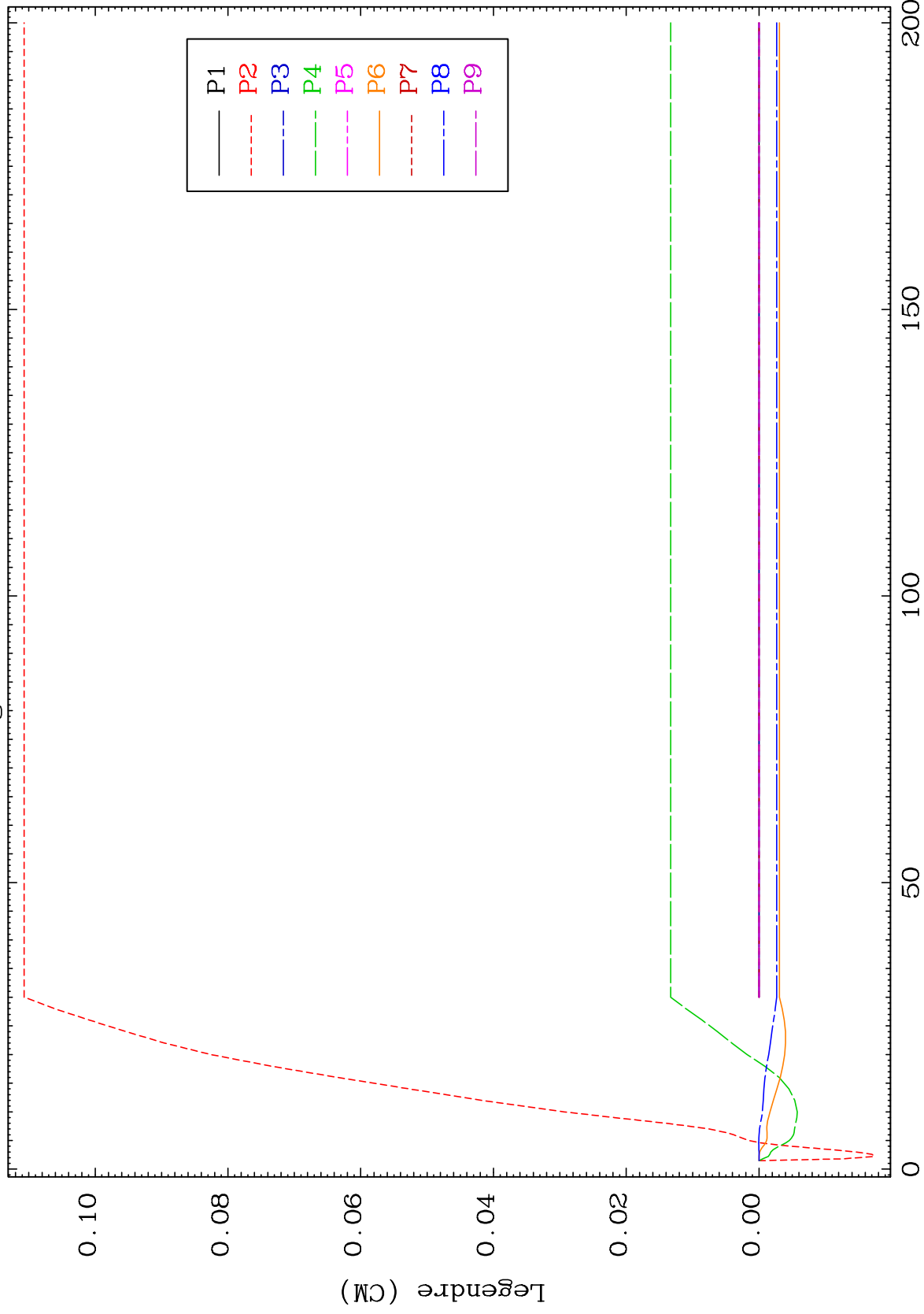
54-Xe-137



MAT 5464

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

54-Xe-137



39

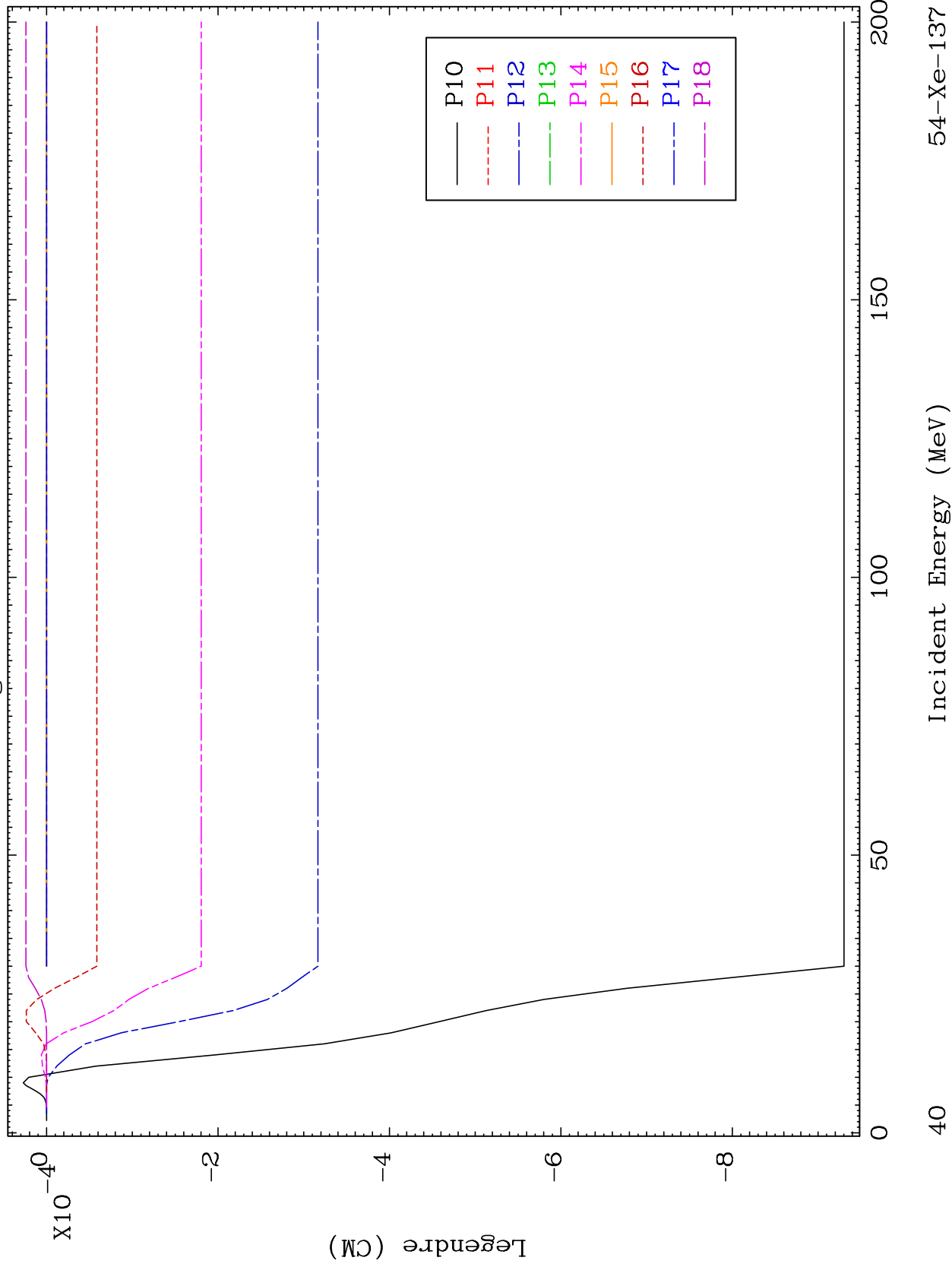
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



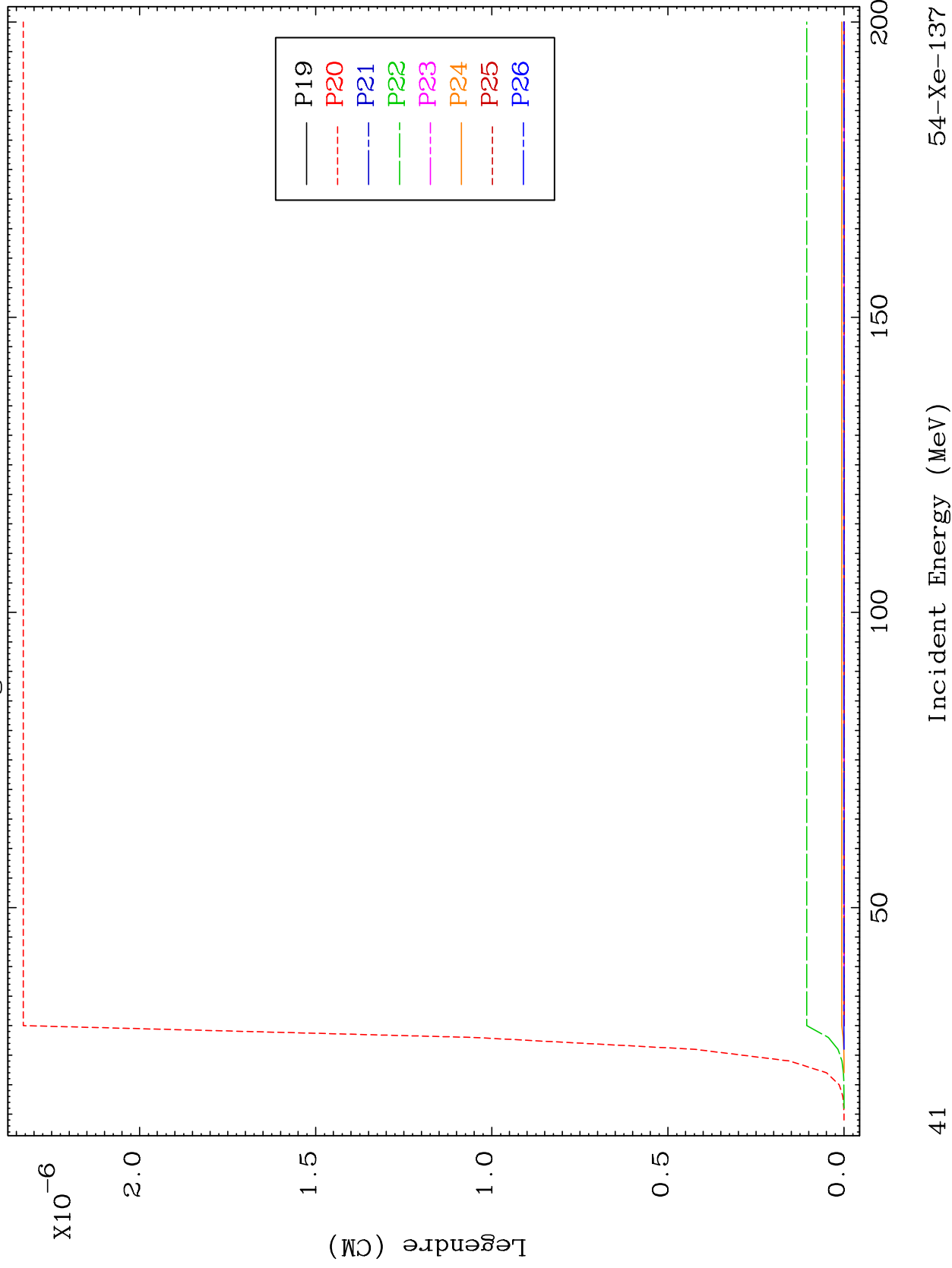
54-Xe-137

Incident Energy (MeV)

MAT 5464

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

54-Xe-137



41

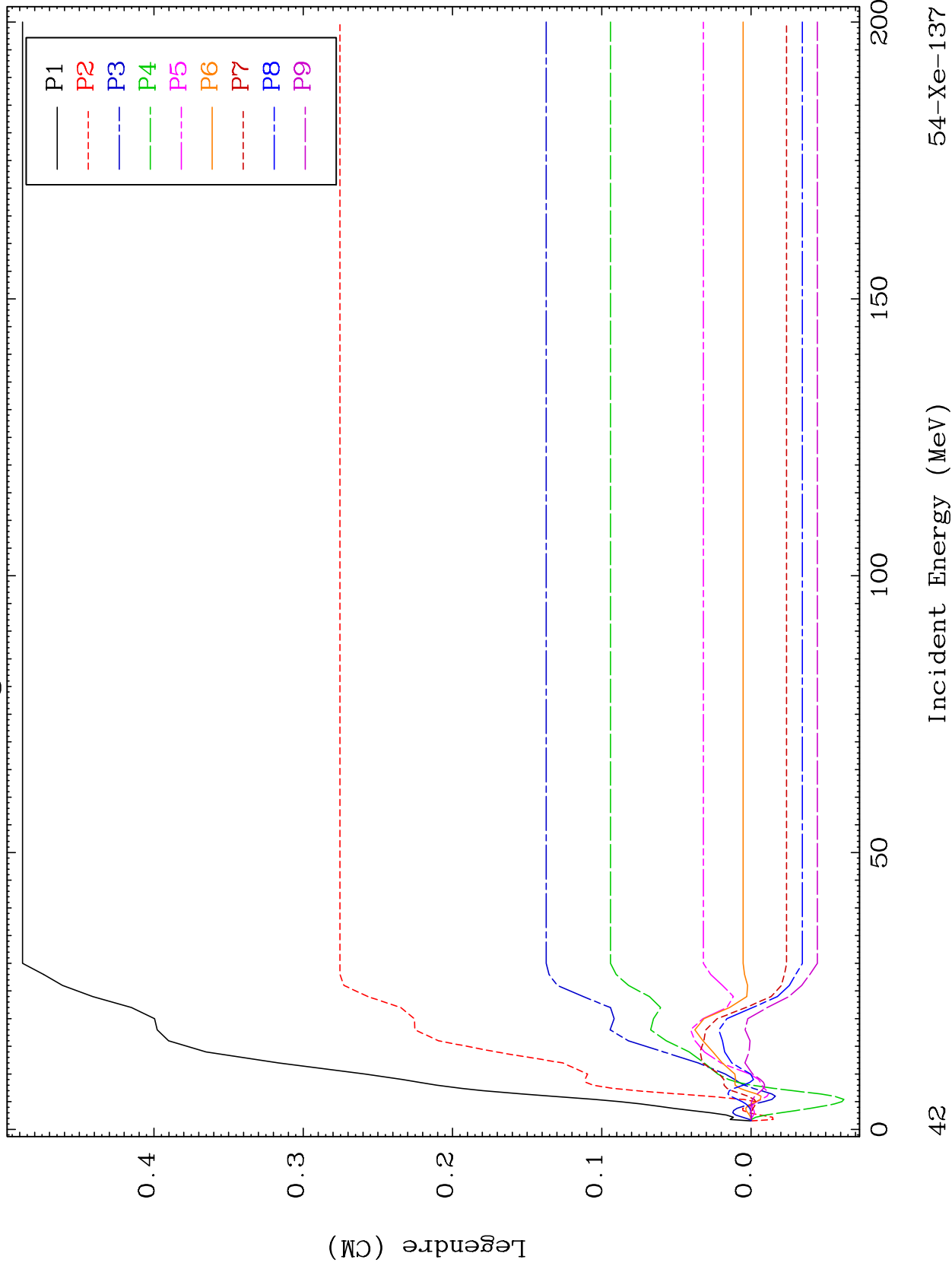
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



54-Xe-137

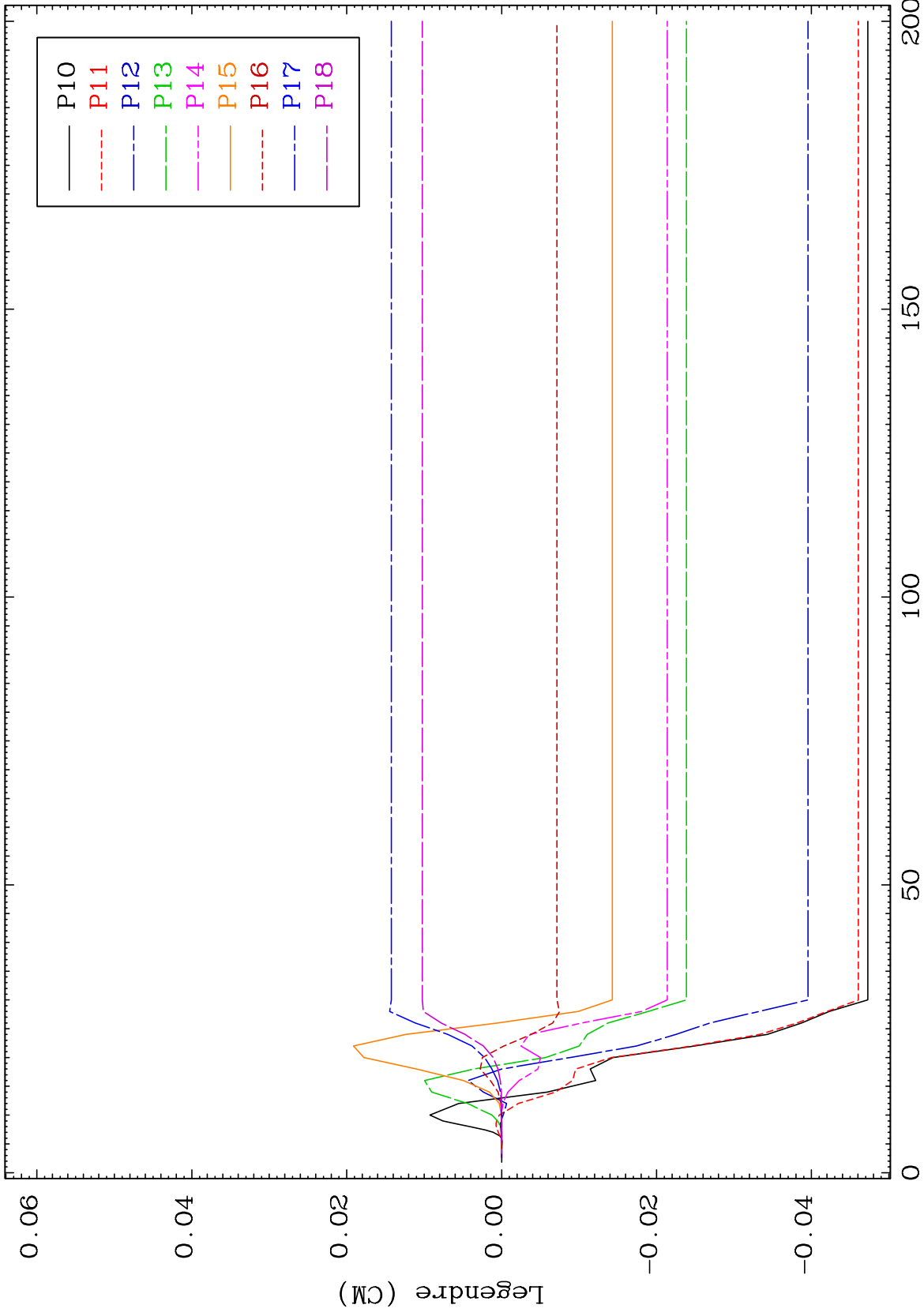
Incident Energy (MeV)

42

MAT 5464

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

54-Xe-137



43

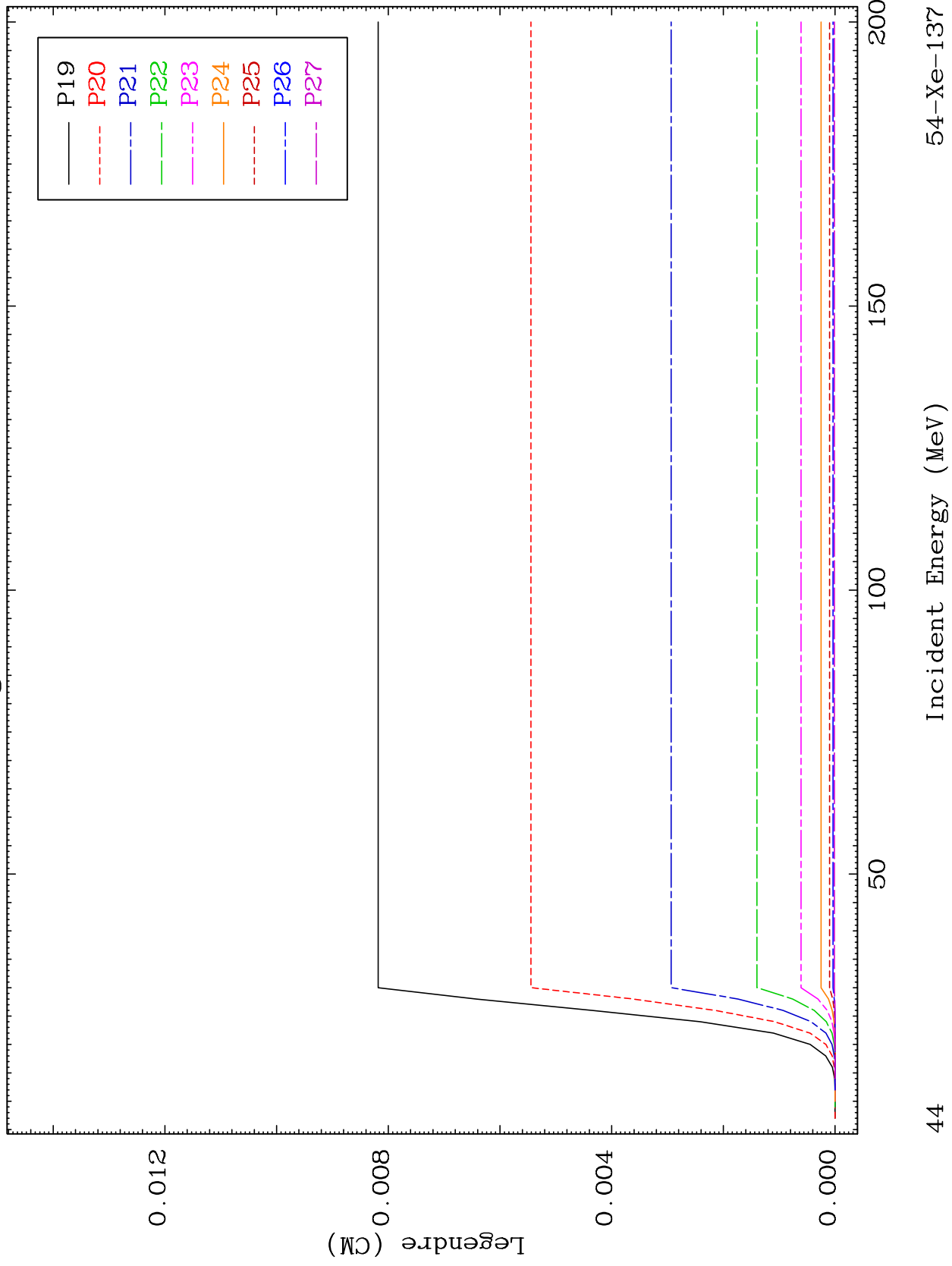
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



44

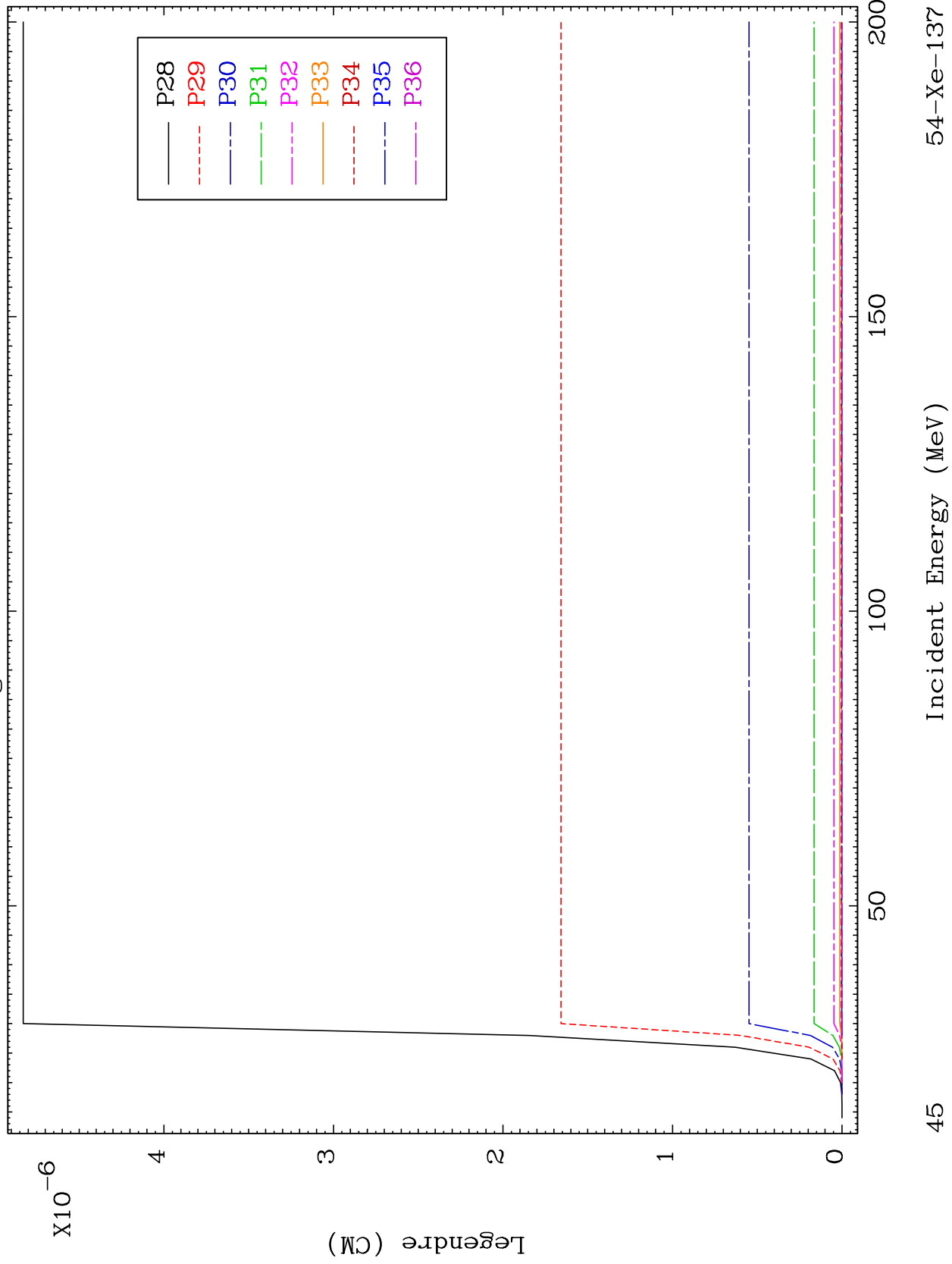
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



54-Xe-137

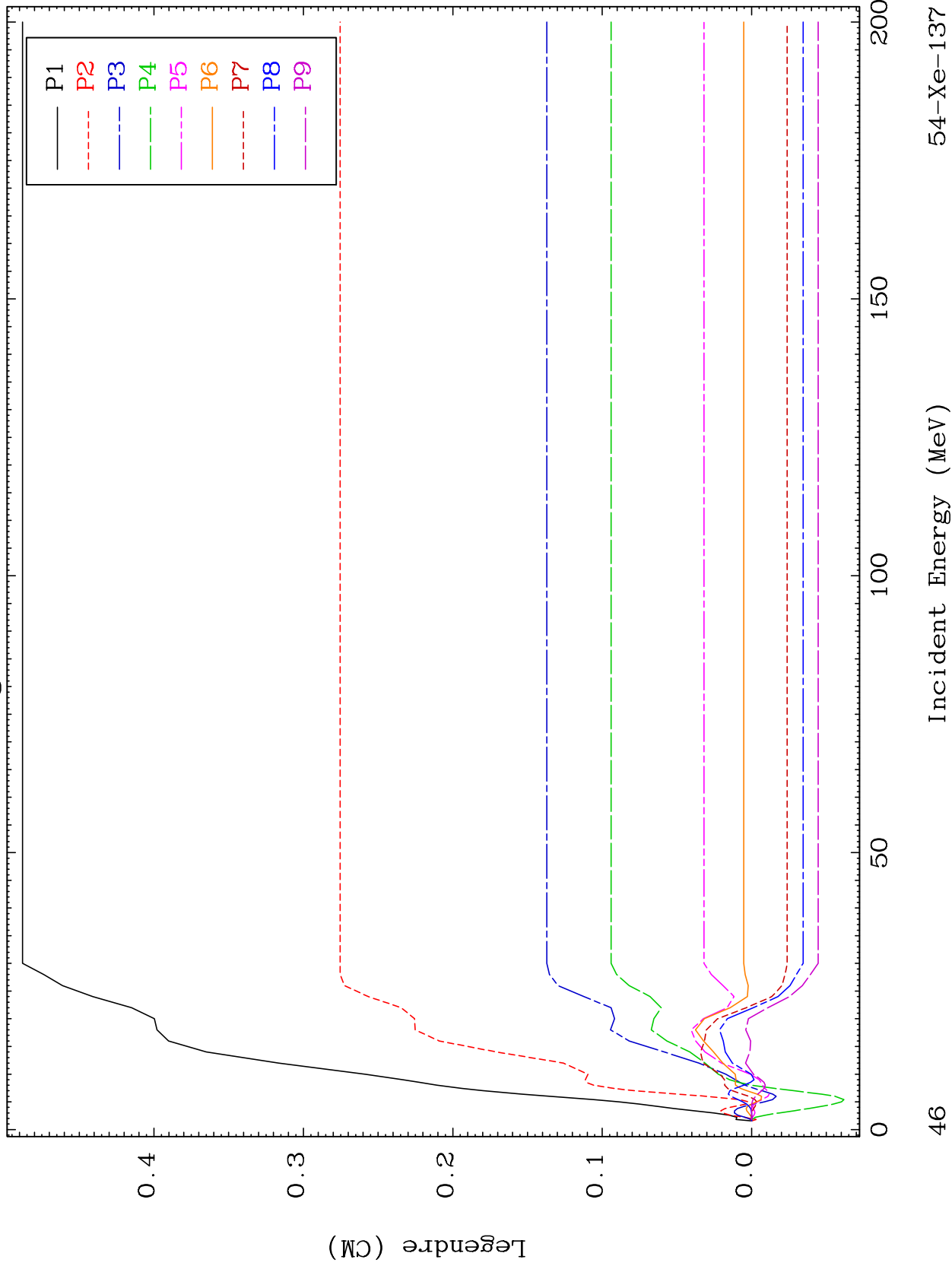
Incident Energy (MeV)

45

MAT 5464

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

54-Xe-137



54-Xe-137

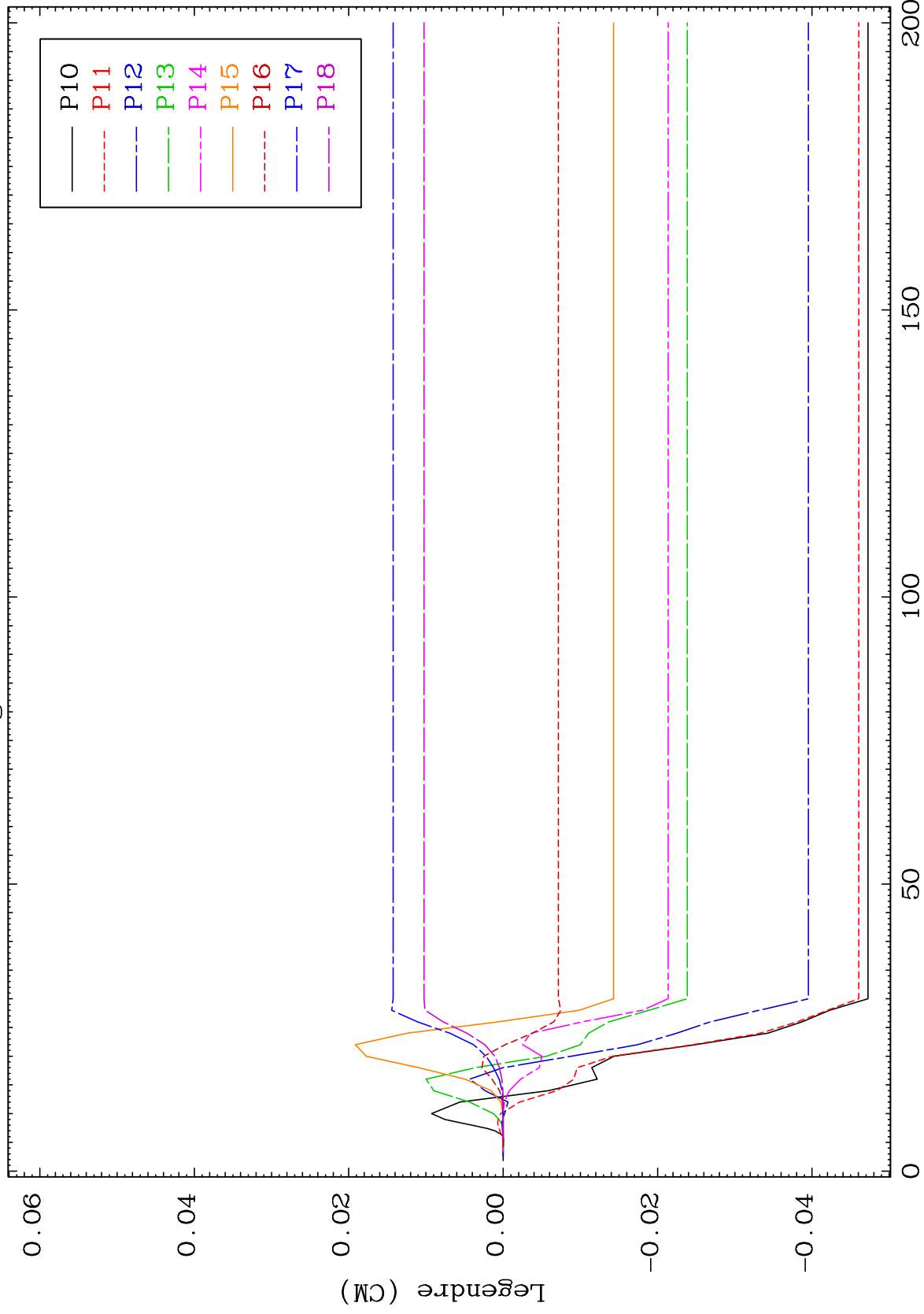
Incident Energy (MeV)

46

MAT 5464

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

54-Xe-137



47

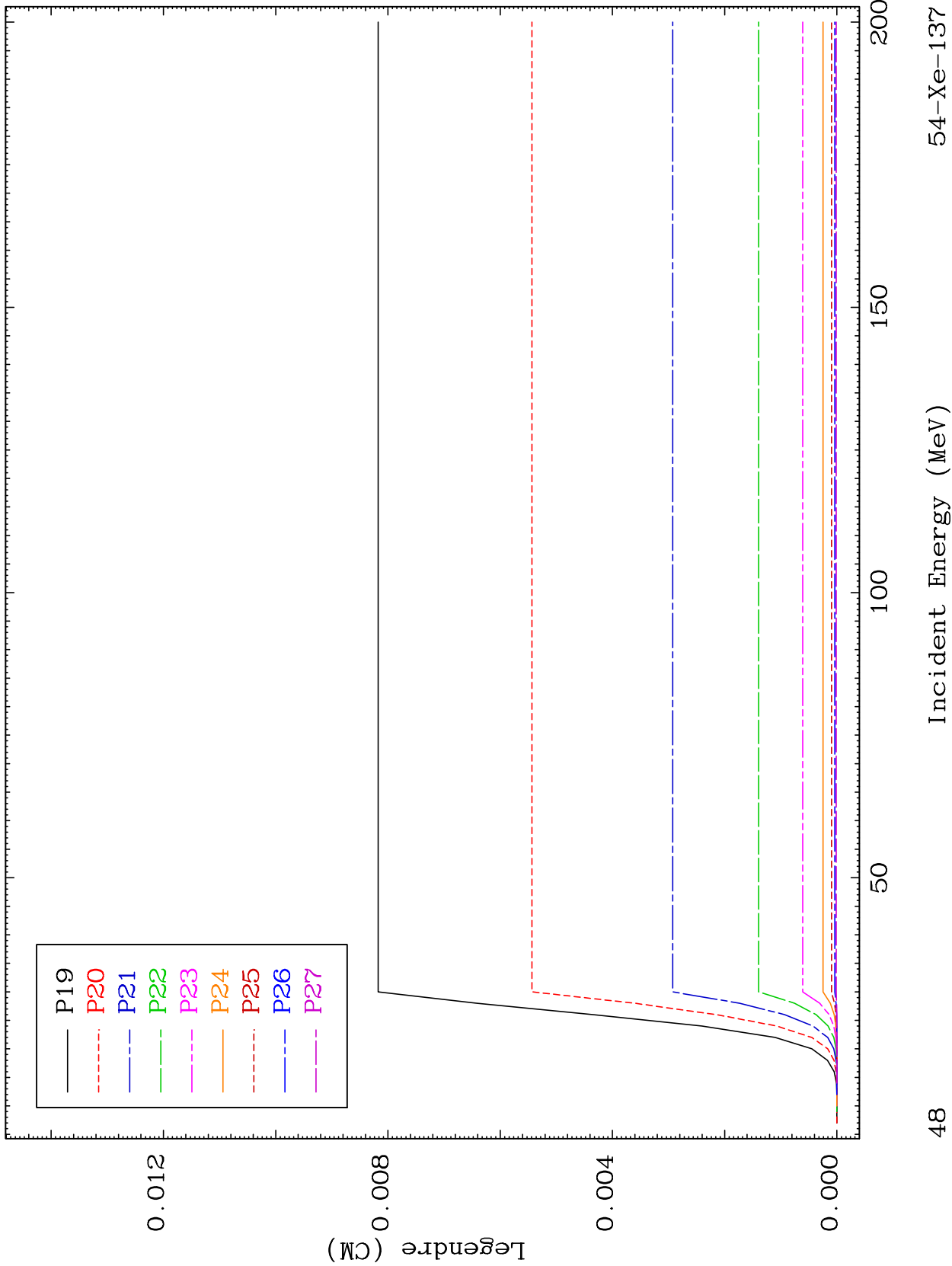
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



48

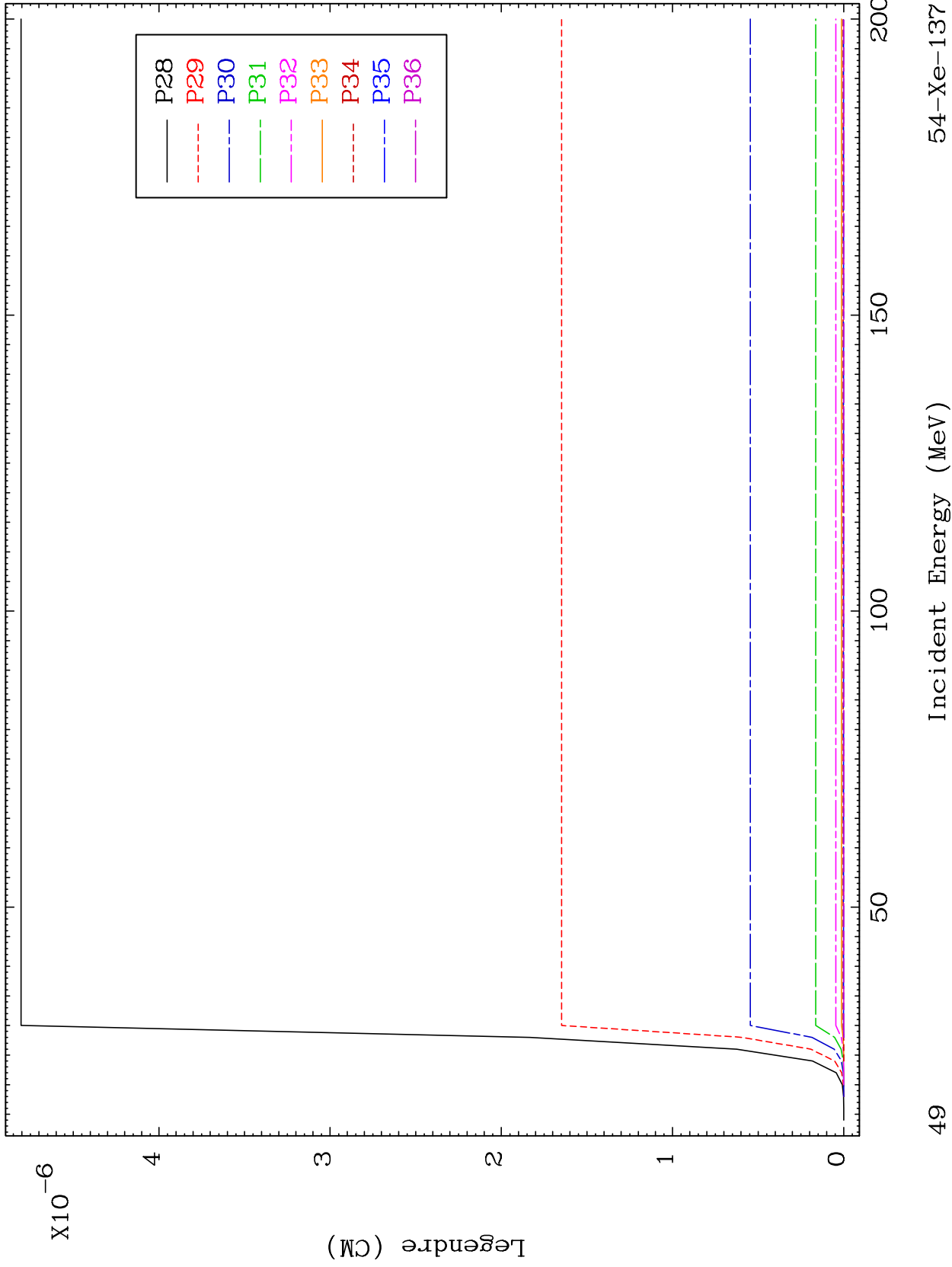
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



49

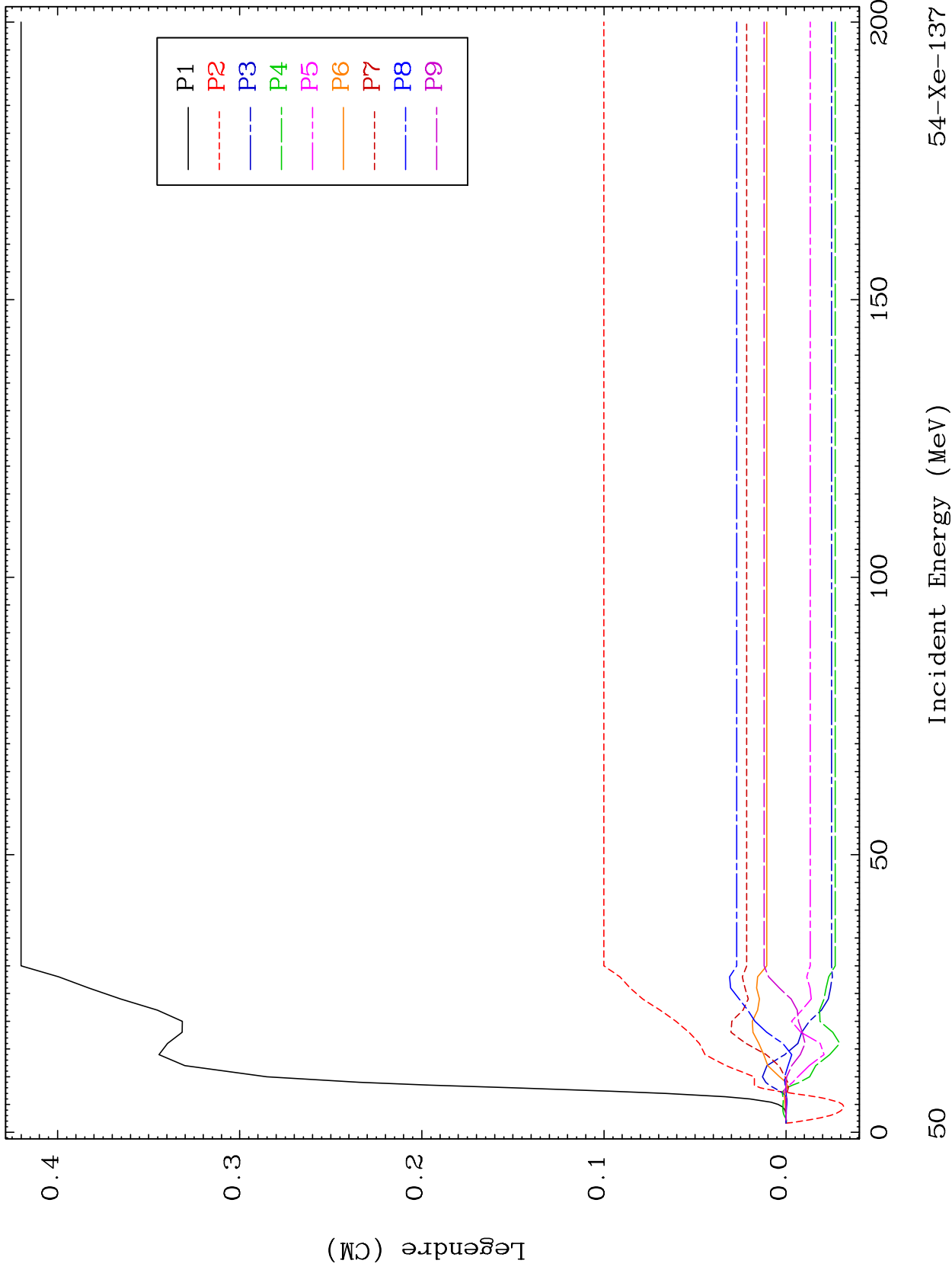
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



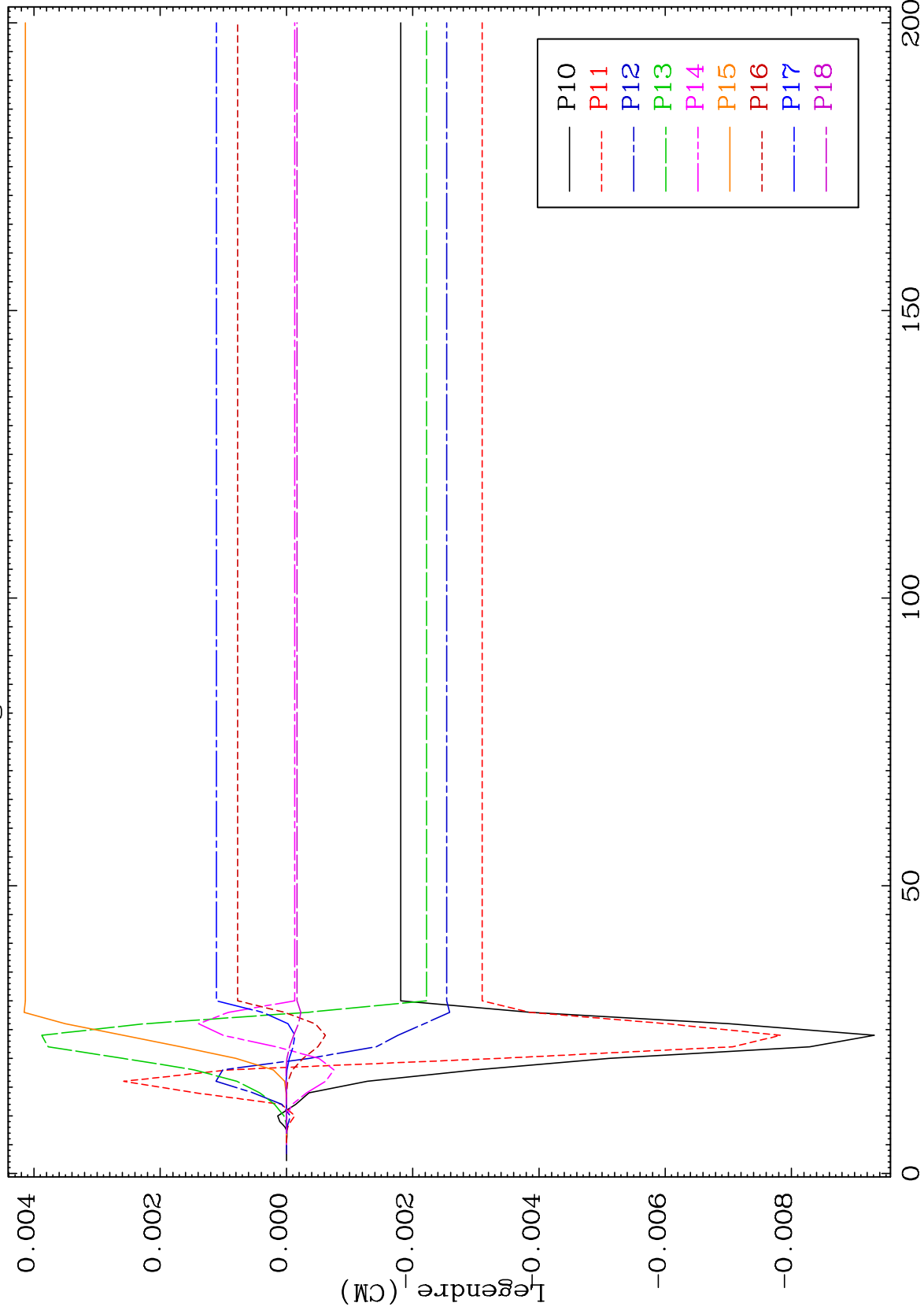
54-Xe-137

Incident Energy (MeV)

MAT 5464

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

54-Xe-137



51

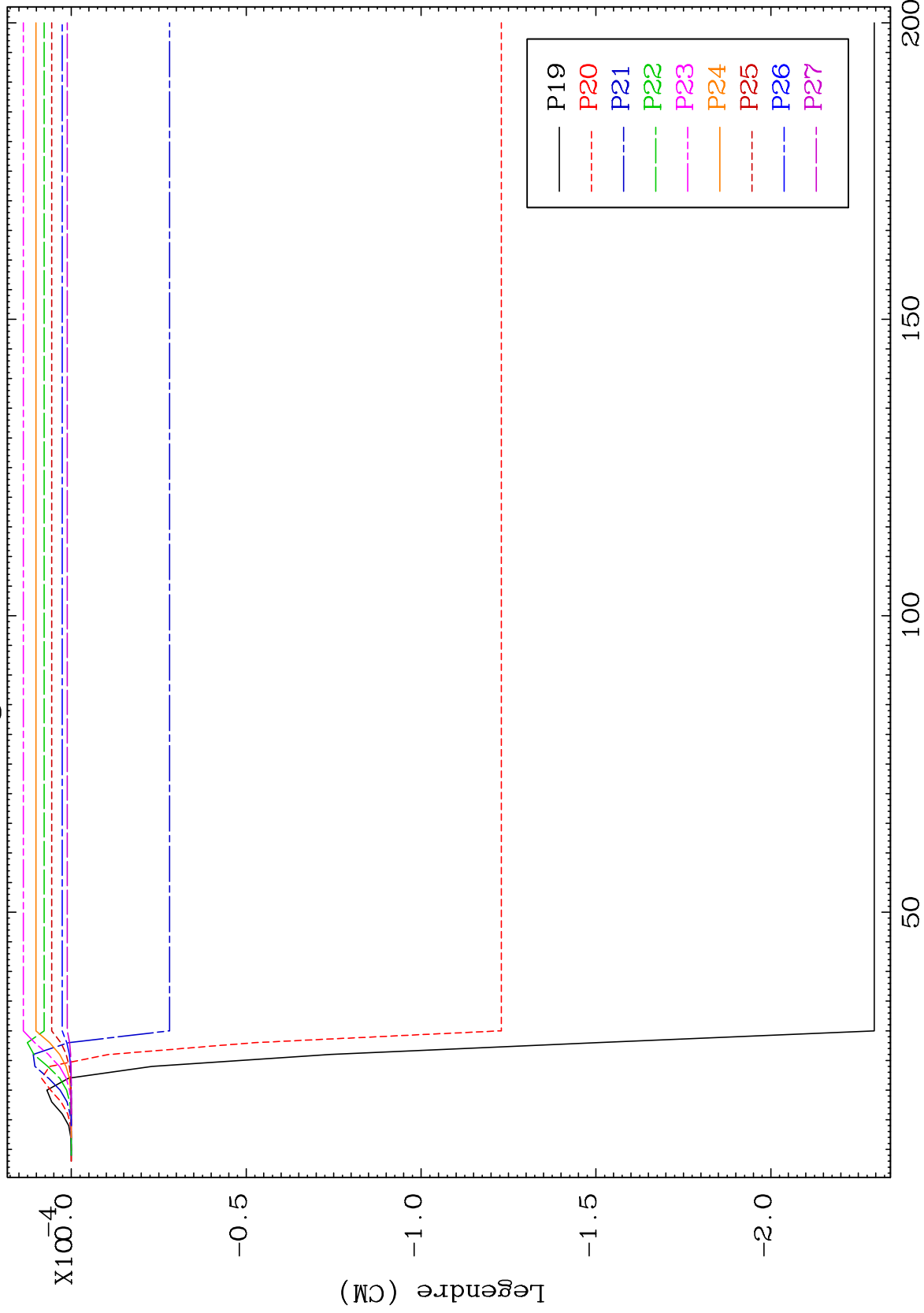
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



52

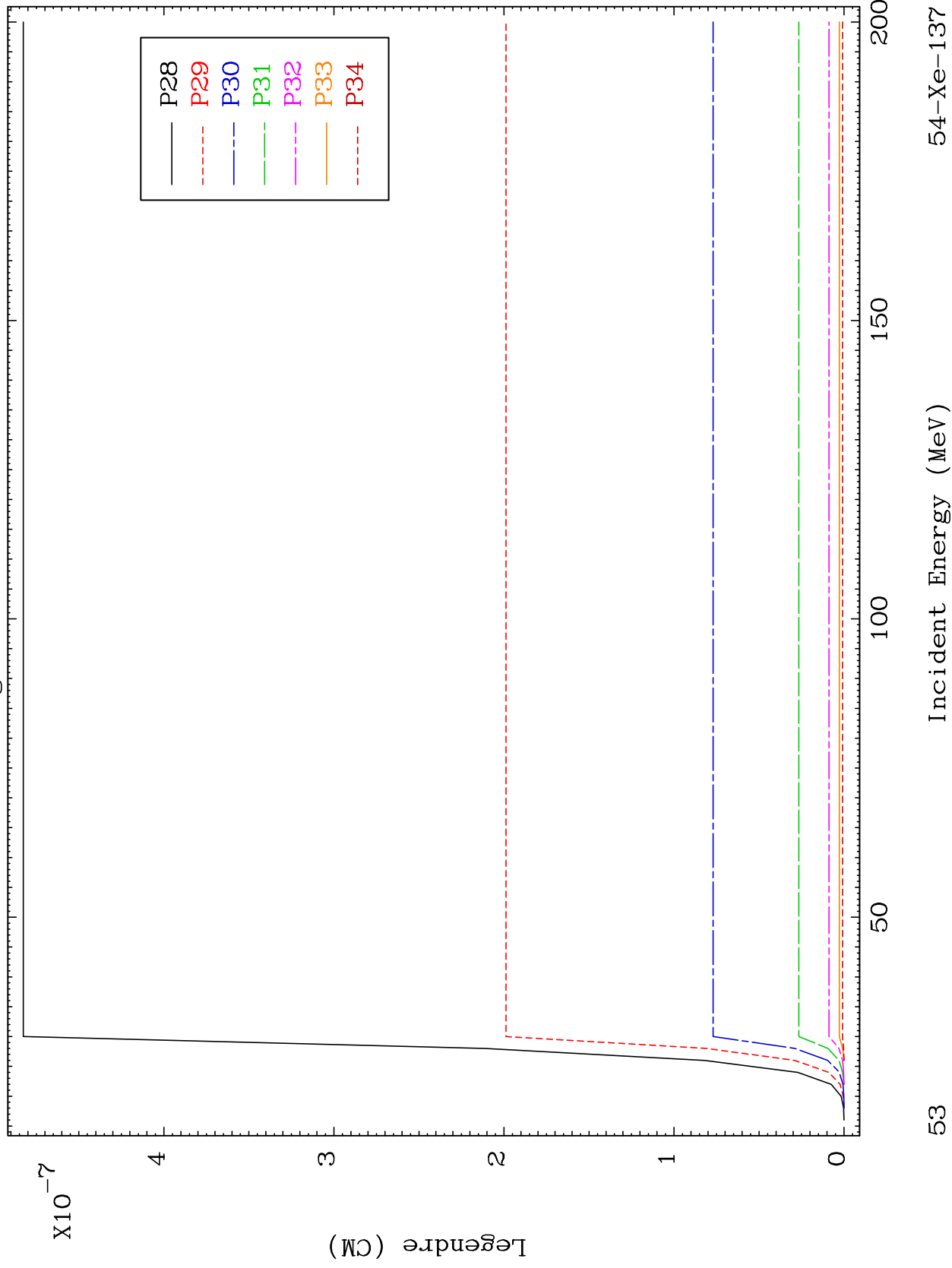
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

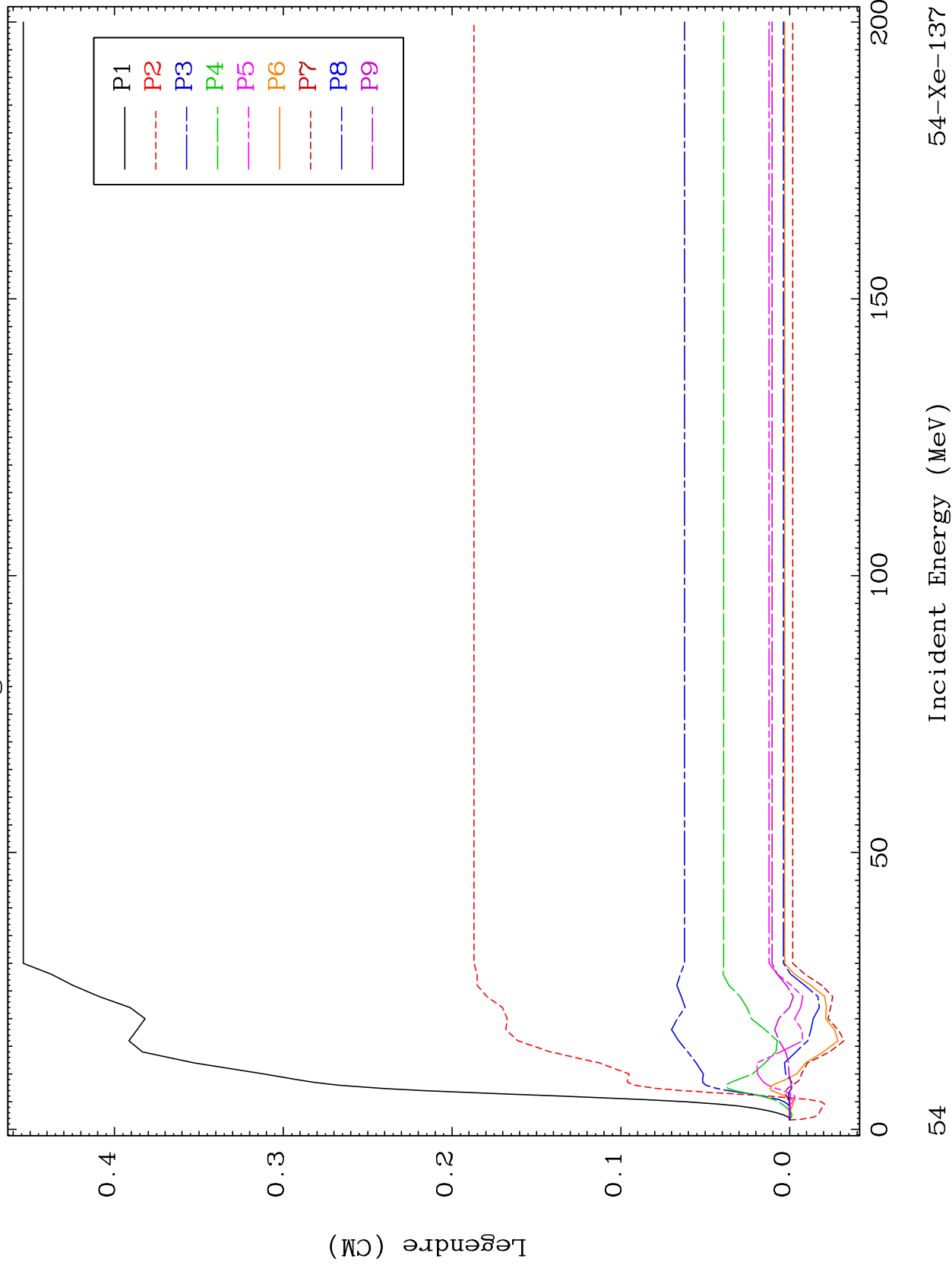
54-Xe-137



MAT 5464

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

54-Xe-137



54-Xe-137

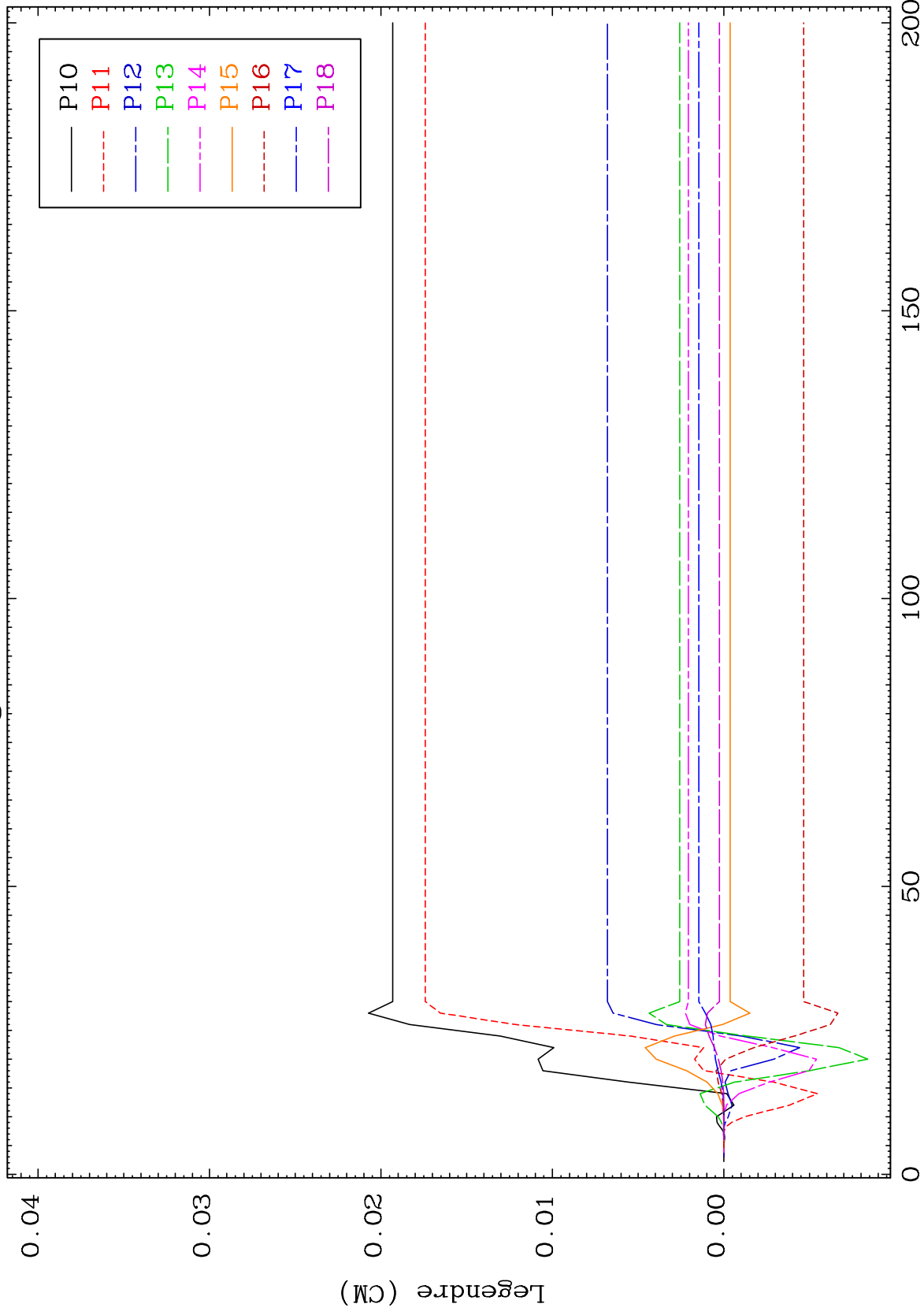
Incident Energy (MeV)

54

MAT 5464

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

54-Xe-137



54-Xe-137

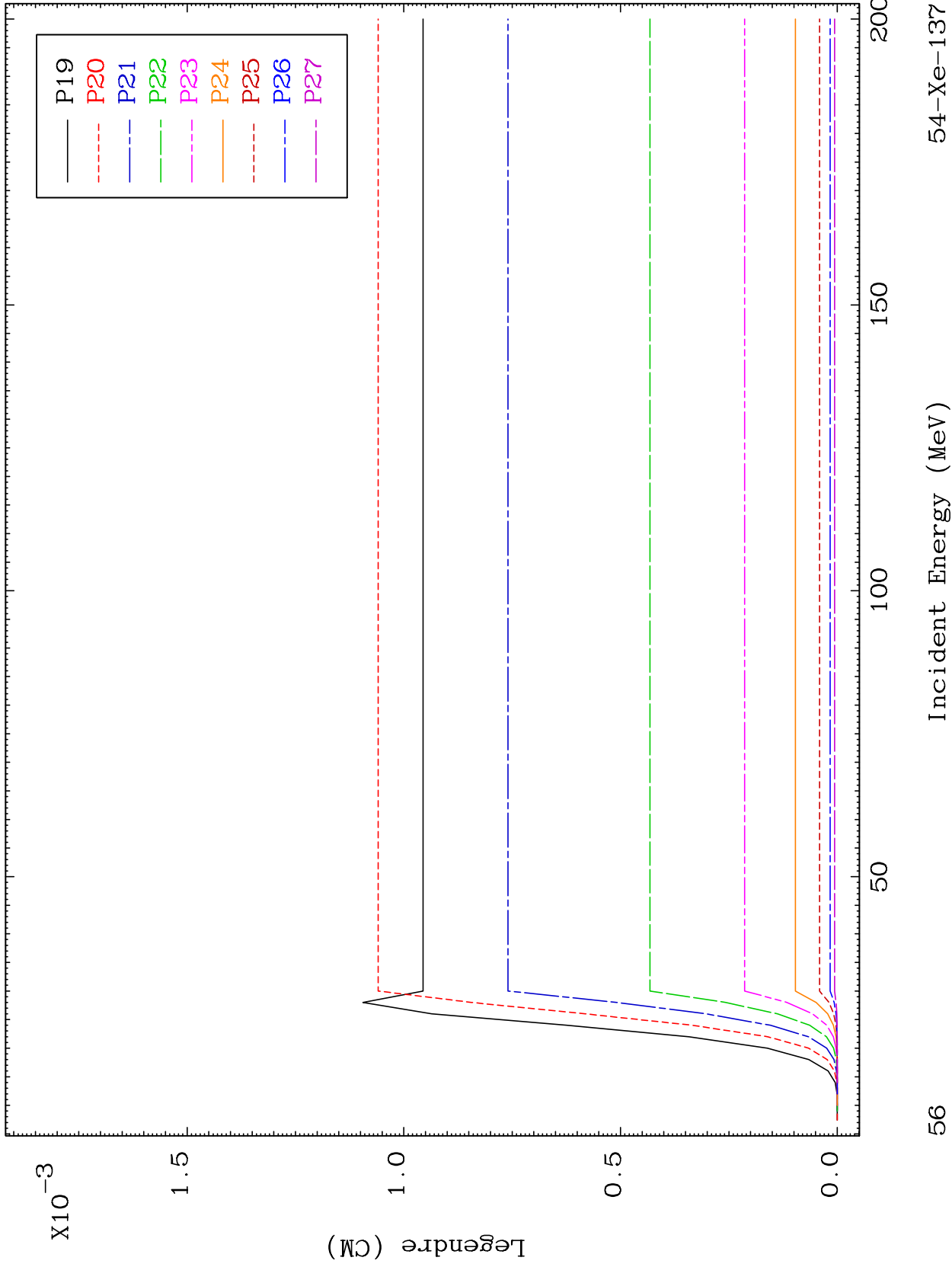
Incident Energy (MeV)

55

MAT 5464

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

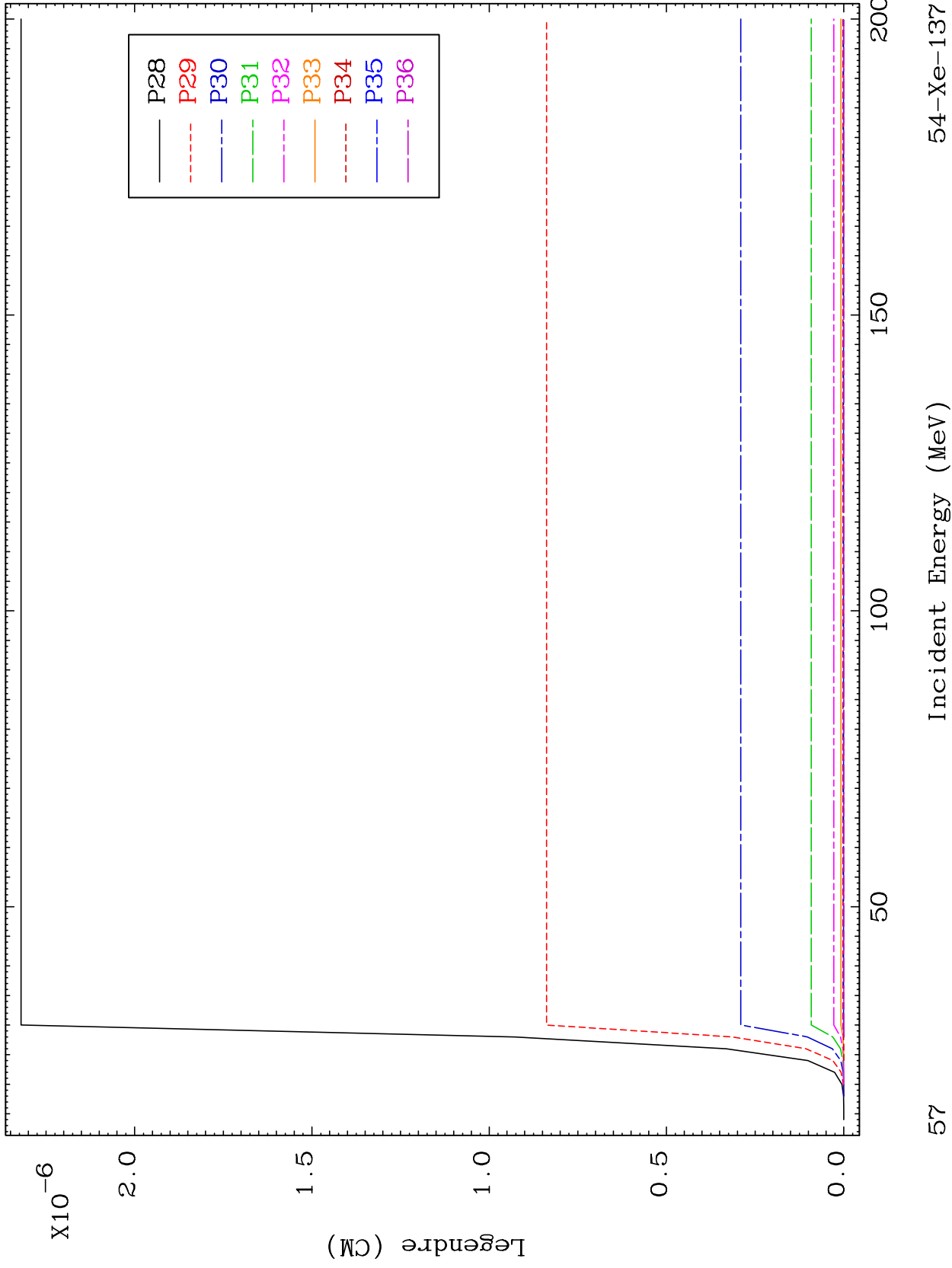
54-Xe-137



MAT 5464

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

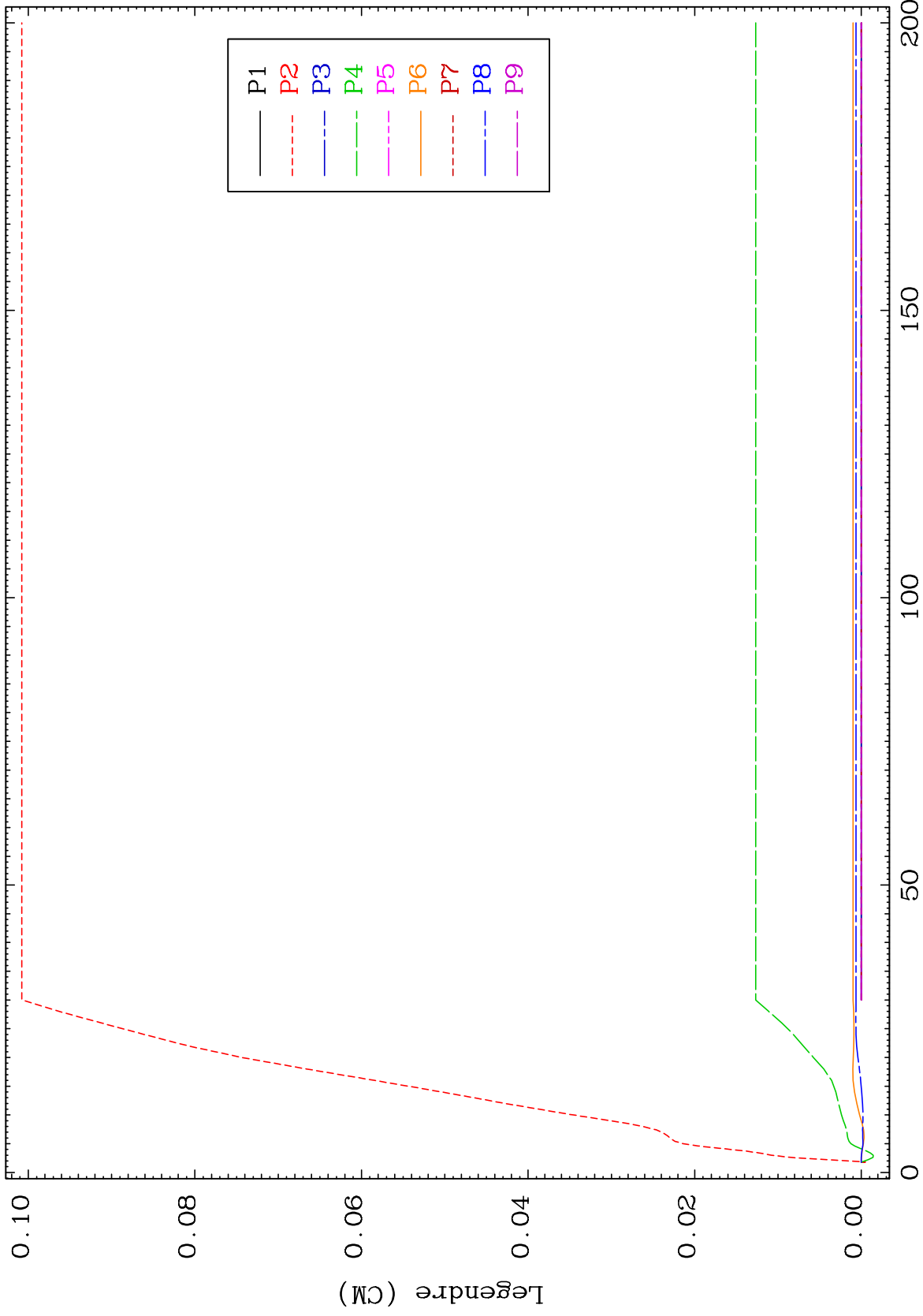
54-Xe-137



MAT 5464

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

54-Xe-137



58

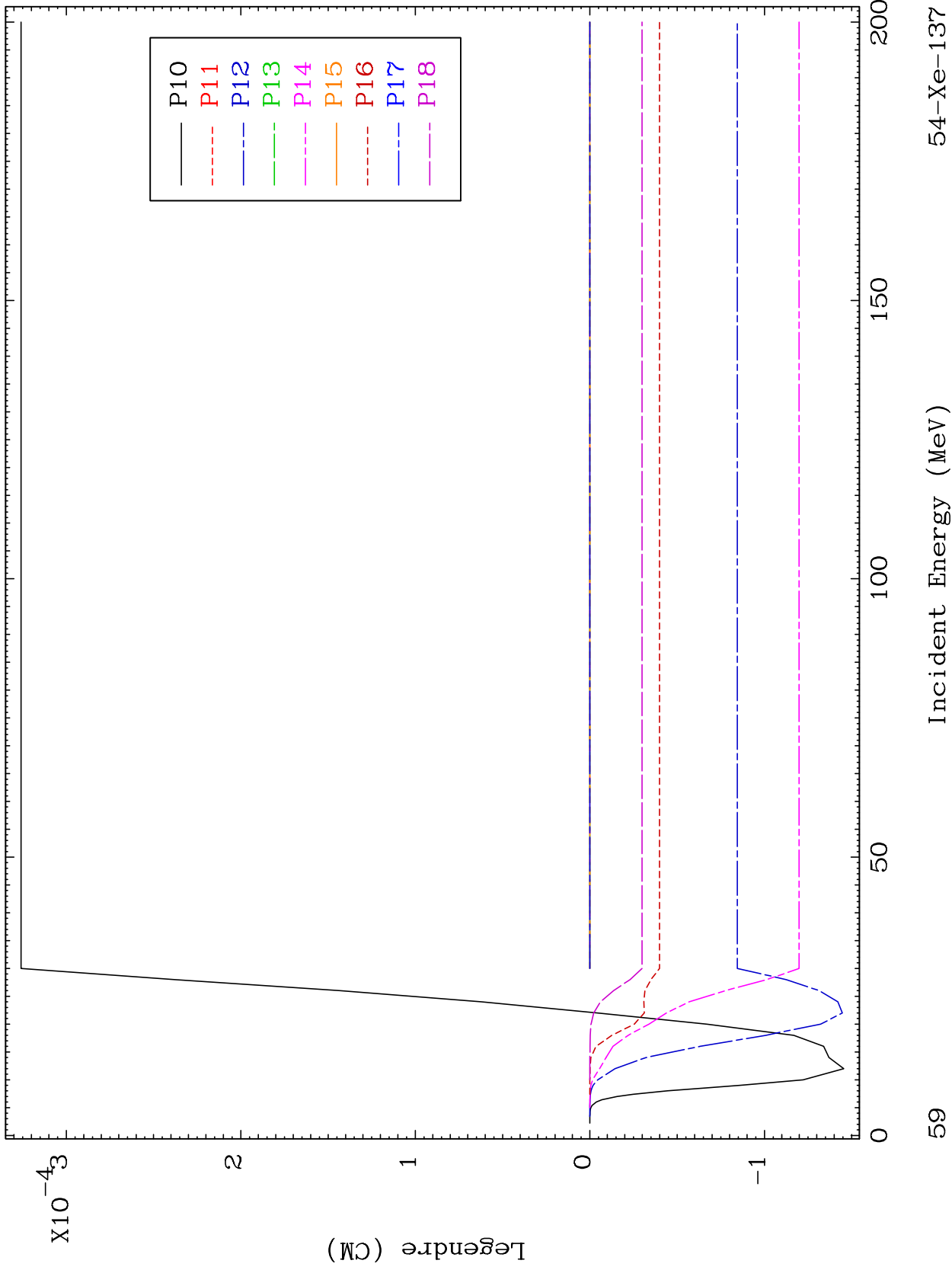
Incident Energy (MeV)

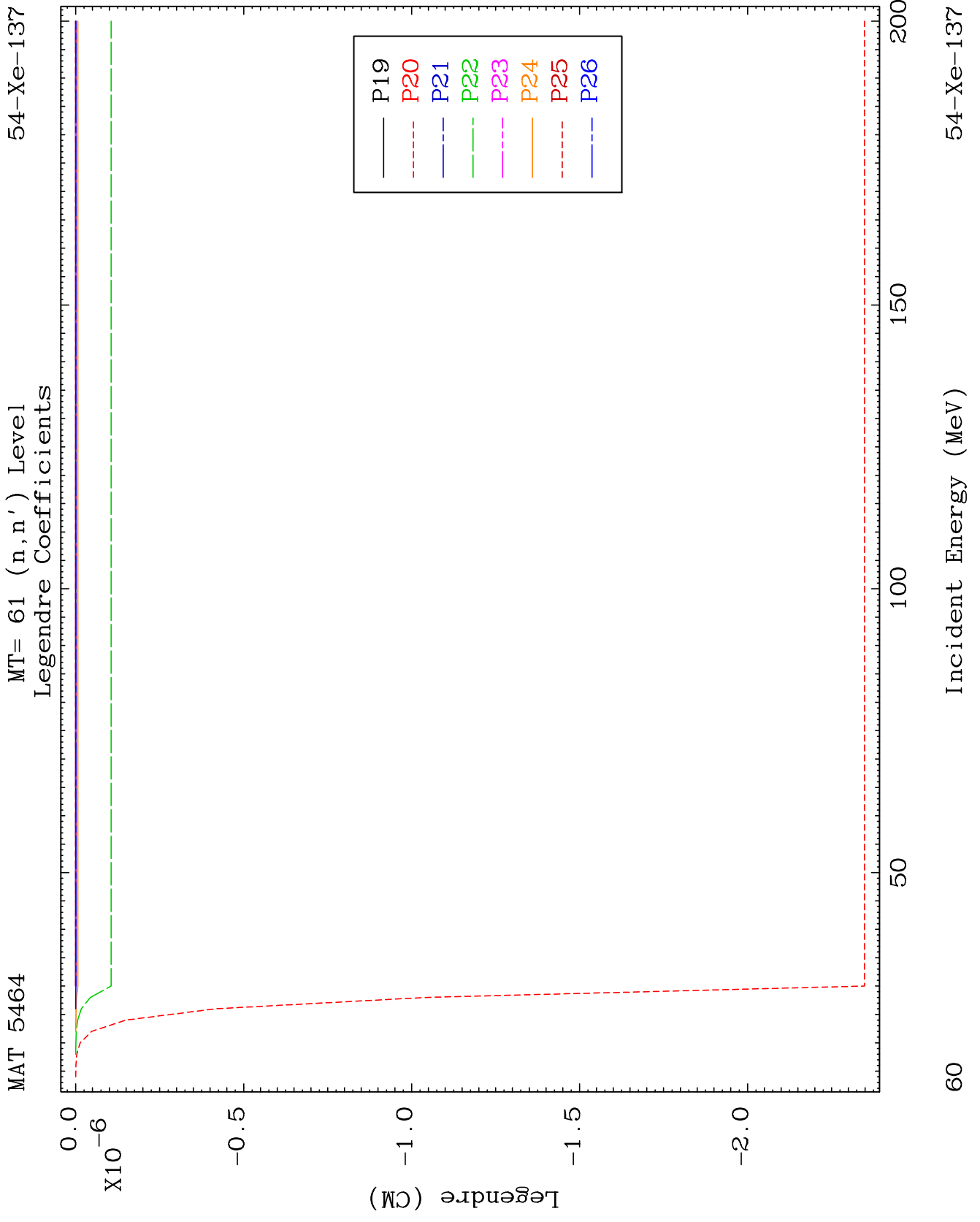
54-Xe-137

MAT 5464

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

54-Xe-137

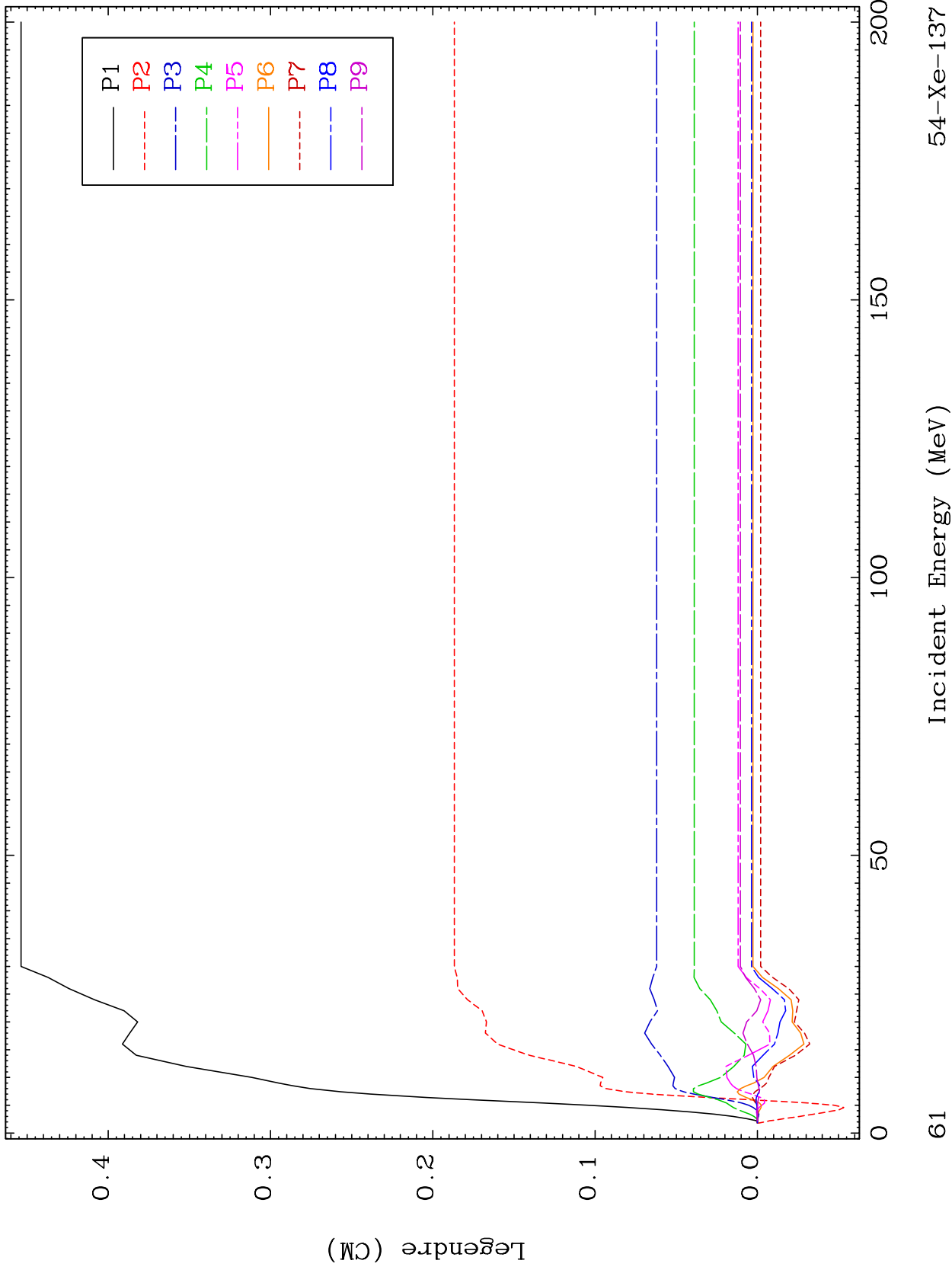




MAT 5464

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

54-Xe-137



54-Xe-137

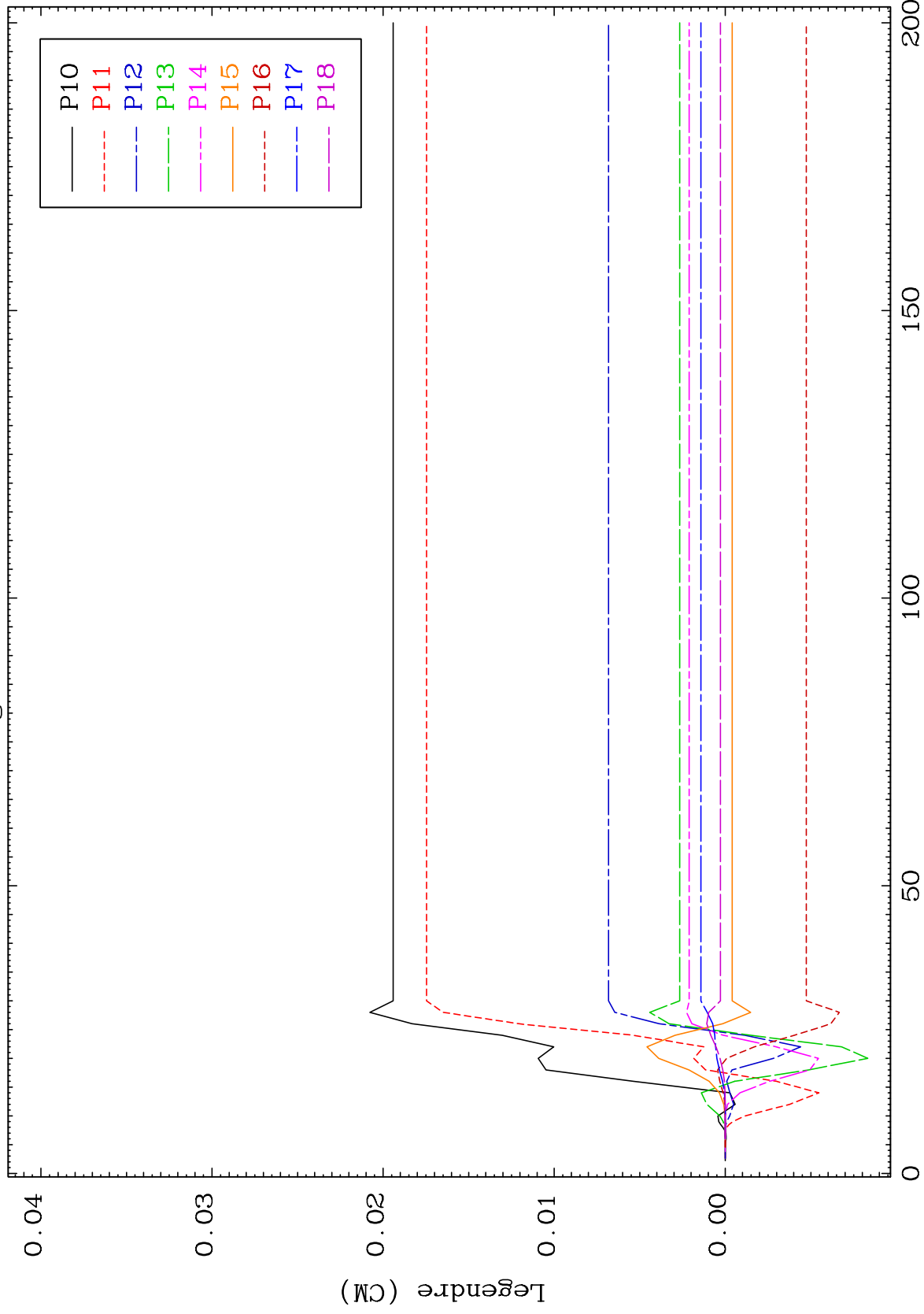
Incident Energy (MeV)

61

MAT 5464

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

54-Xe-137



62

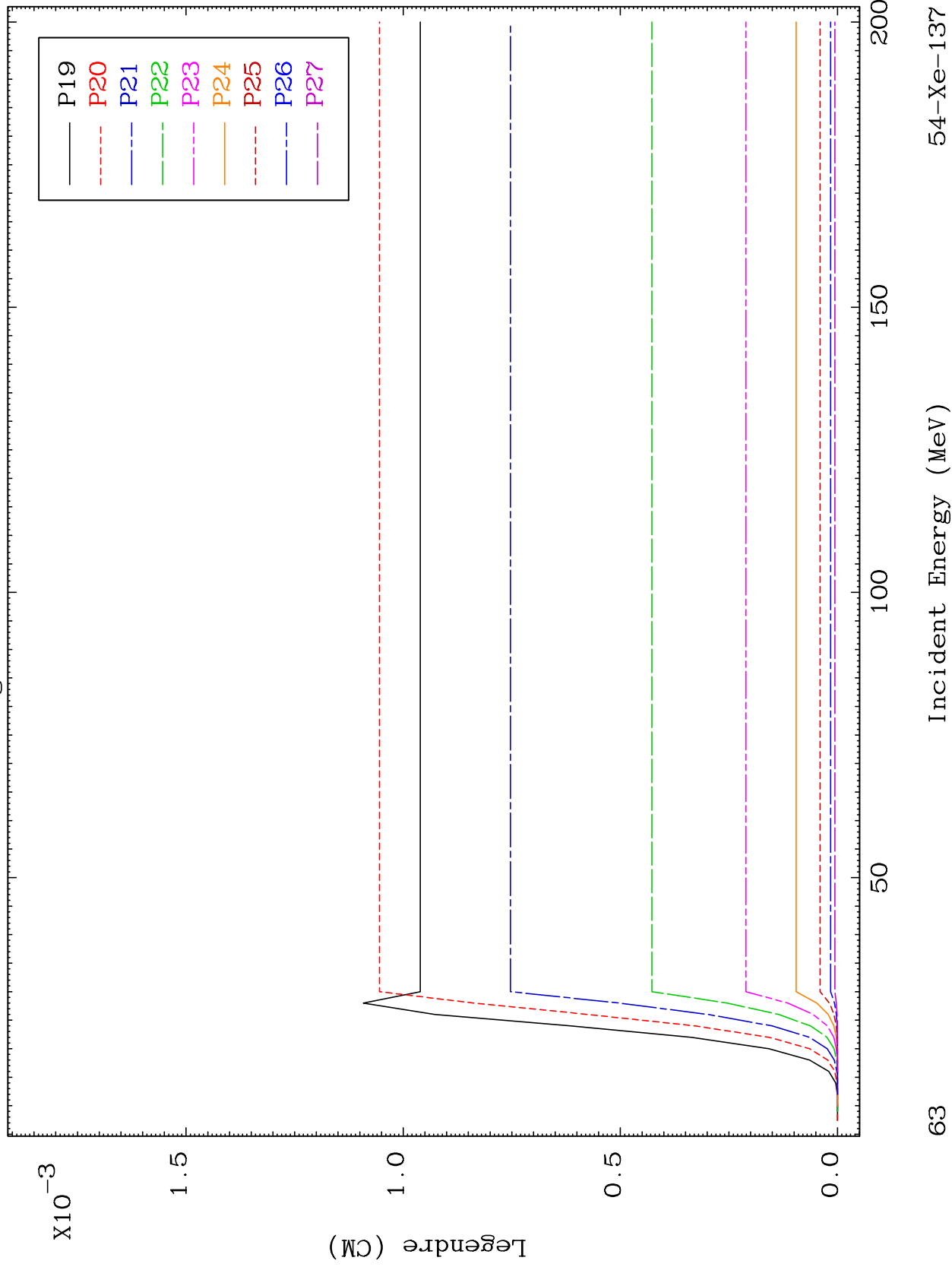
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

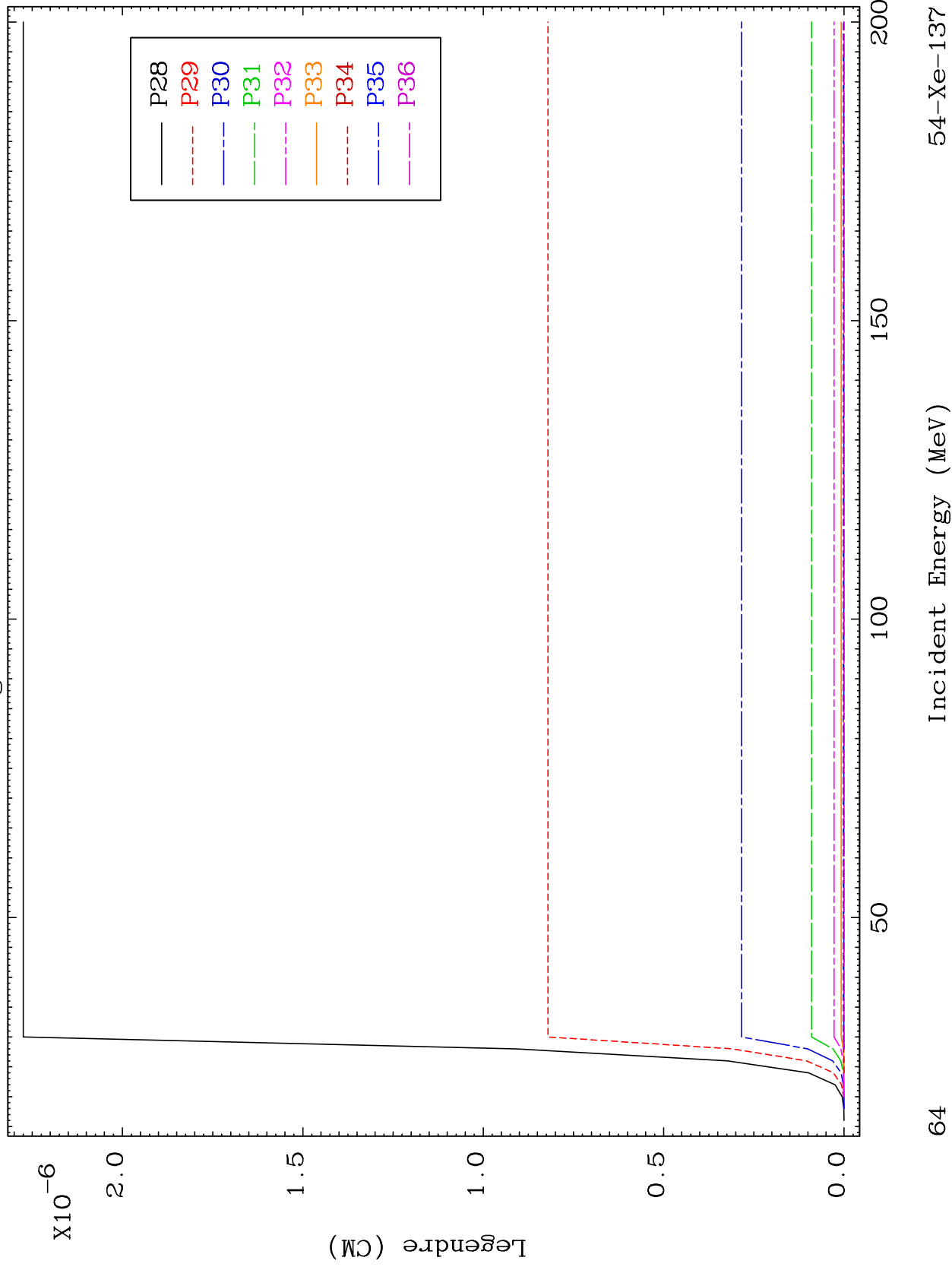
54-Xe-137



MAT 5464

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

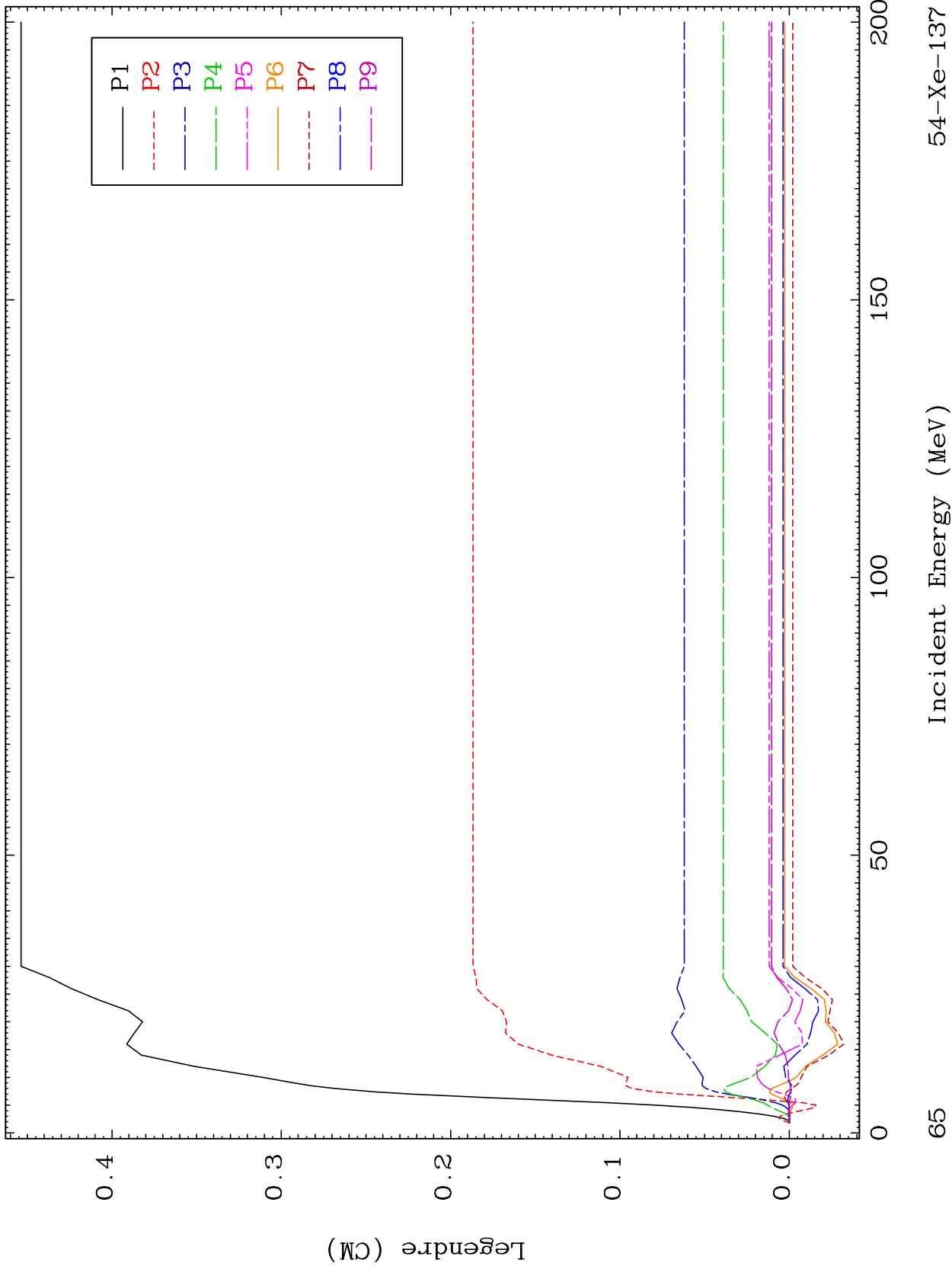
54-Xe-137



MAT 5464

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

54-Xe-137



54-Xe-137

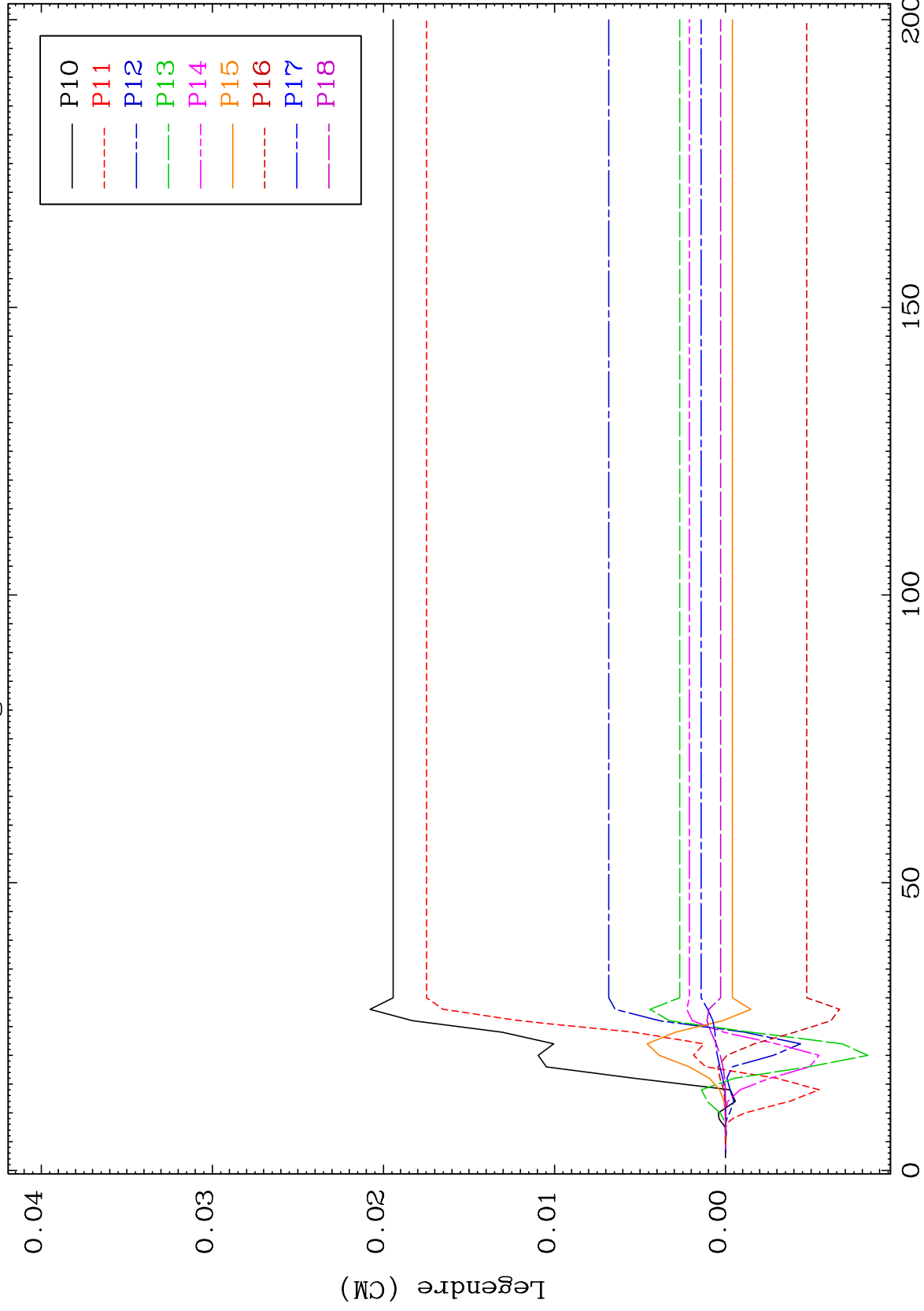
Incident Energy (MeV)

65

MAT 5464

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

54-Xe-137



66

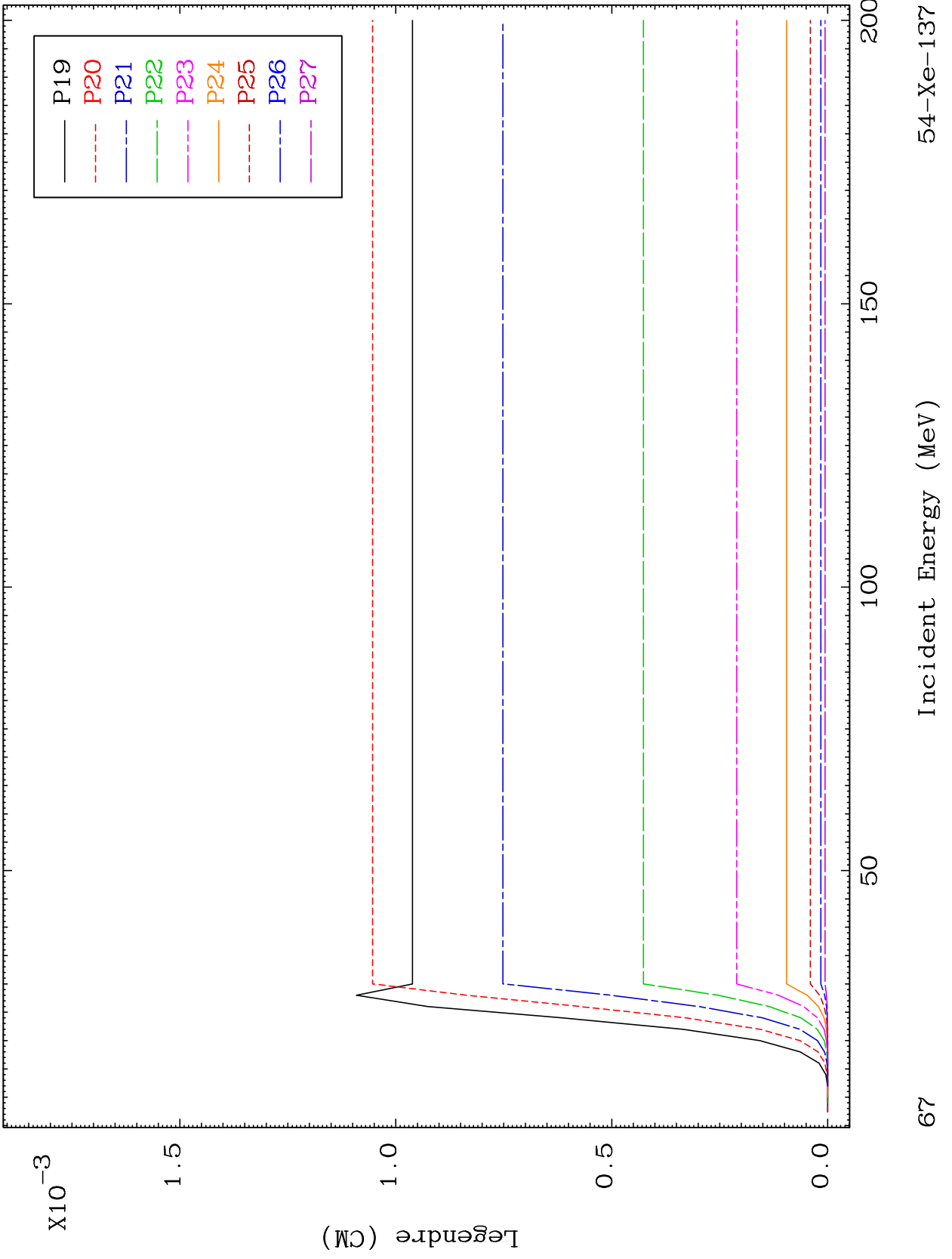
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

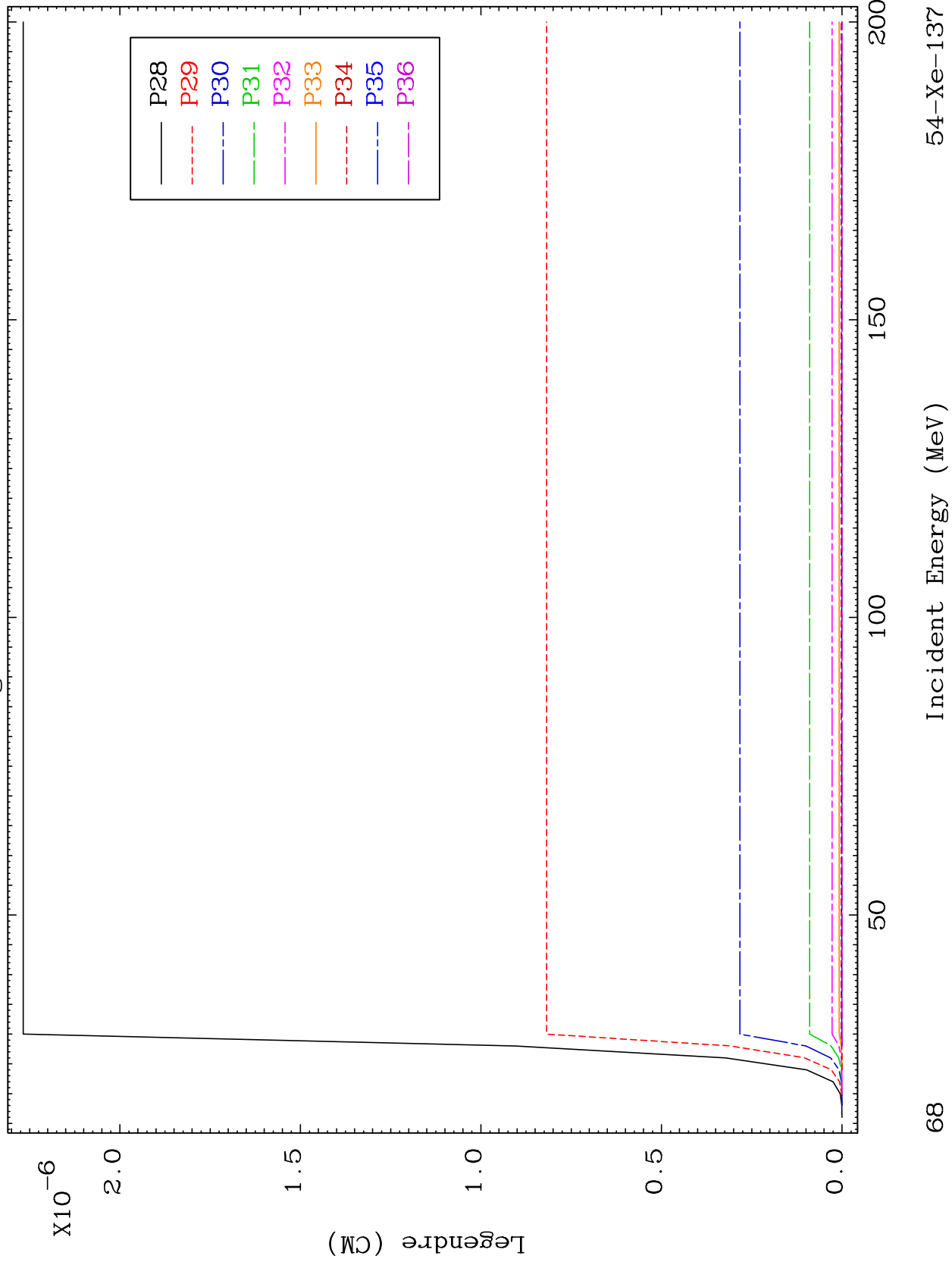
54-Xe-137



MAT 5464

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

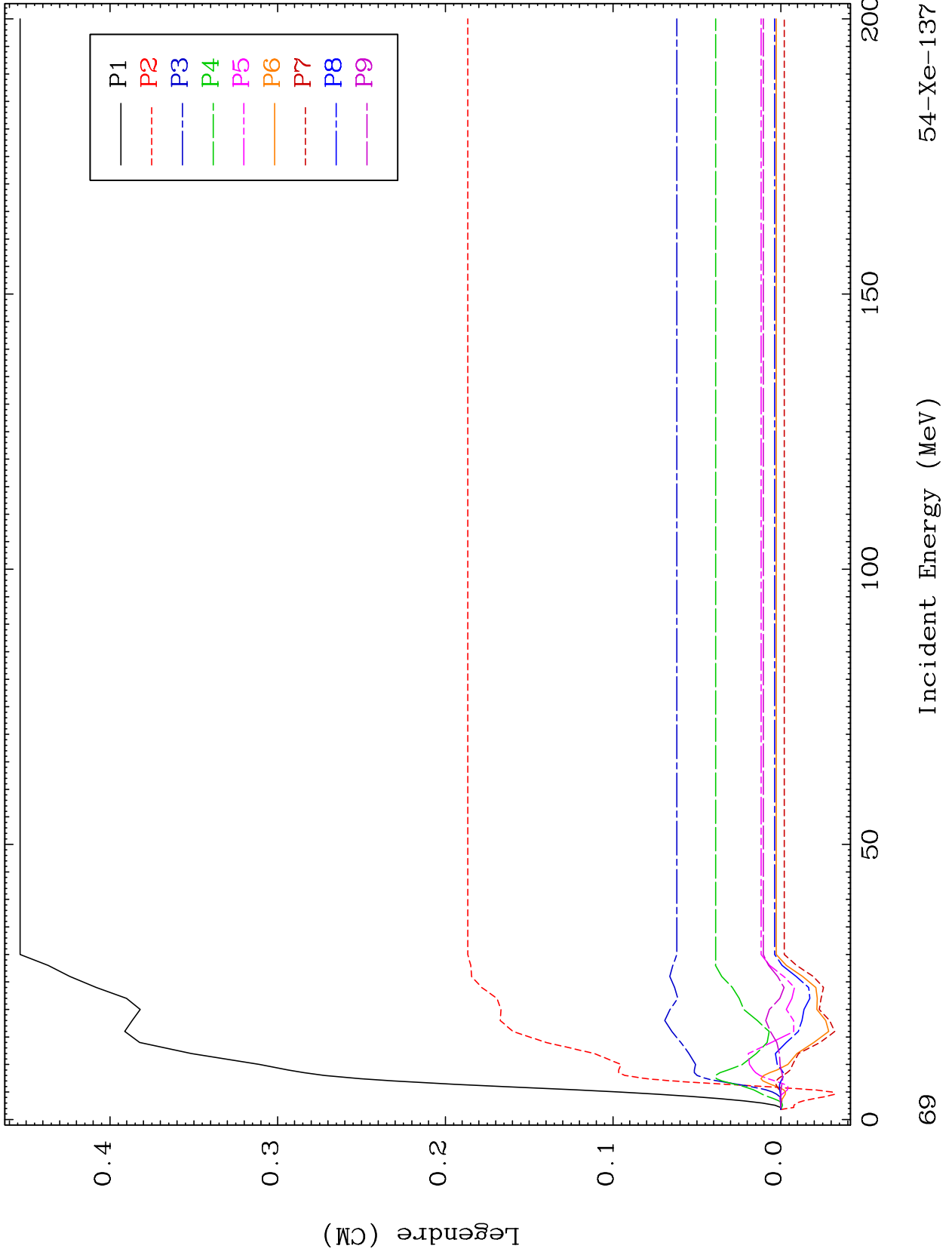
54-Xe-137



MAT 5464

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

54-Xe-137



54-Xe-137

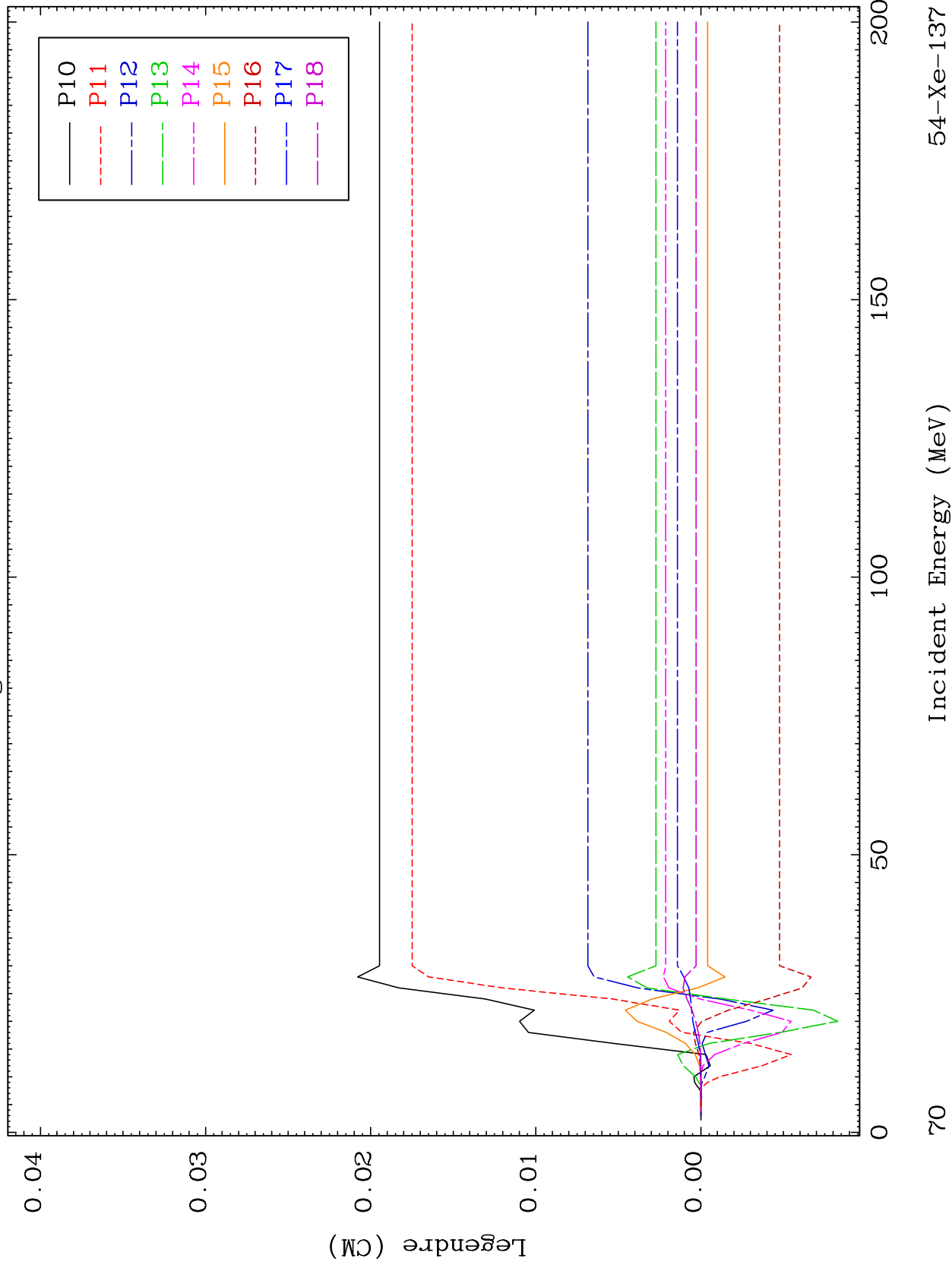
Incident Energy (MeV)

69

MAT 5464

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

54-Xe-137



54-Xe-137

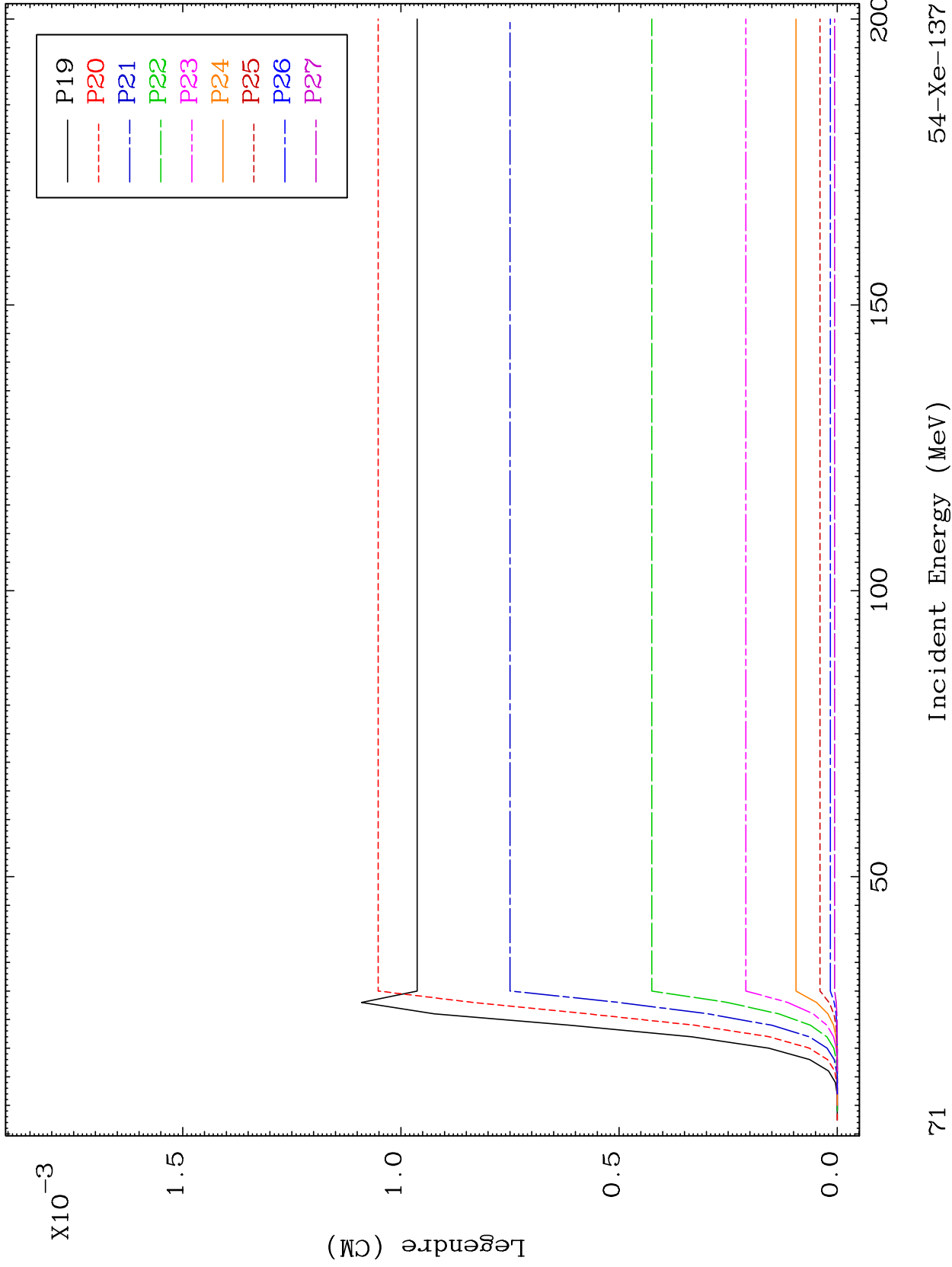
Incident Energy (MeV)

70

MAT 5464

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

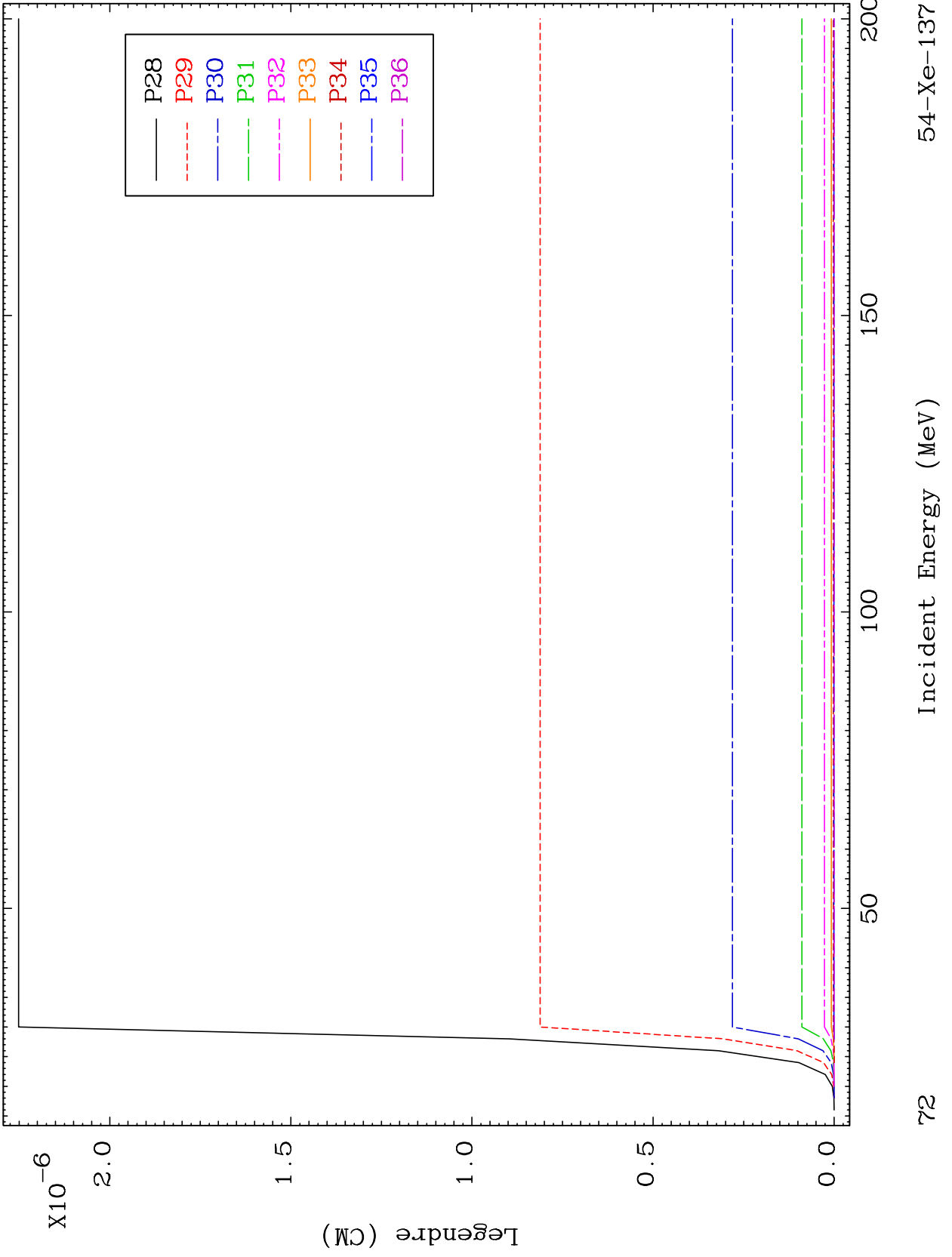
54-Xe-137



MAT 5464

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

54-Xe-137



72

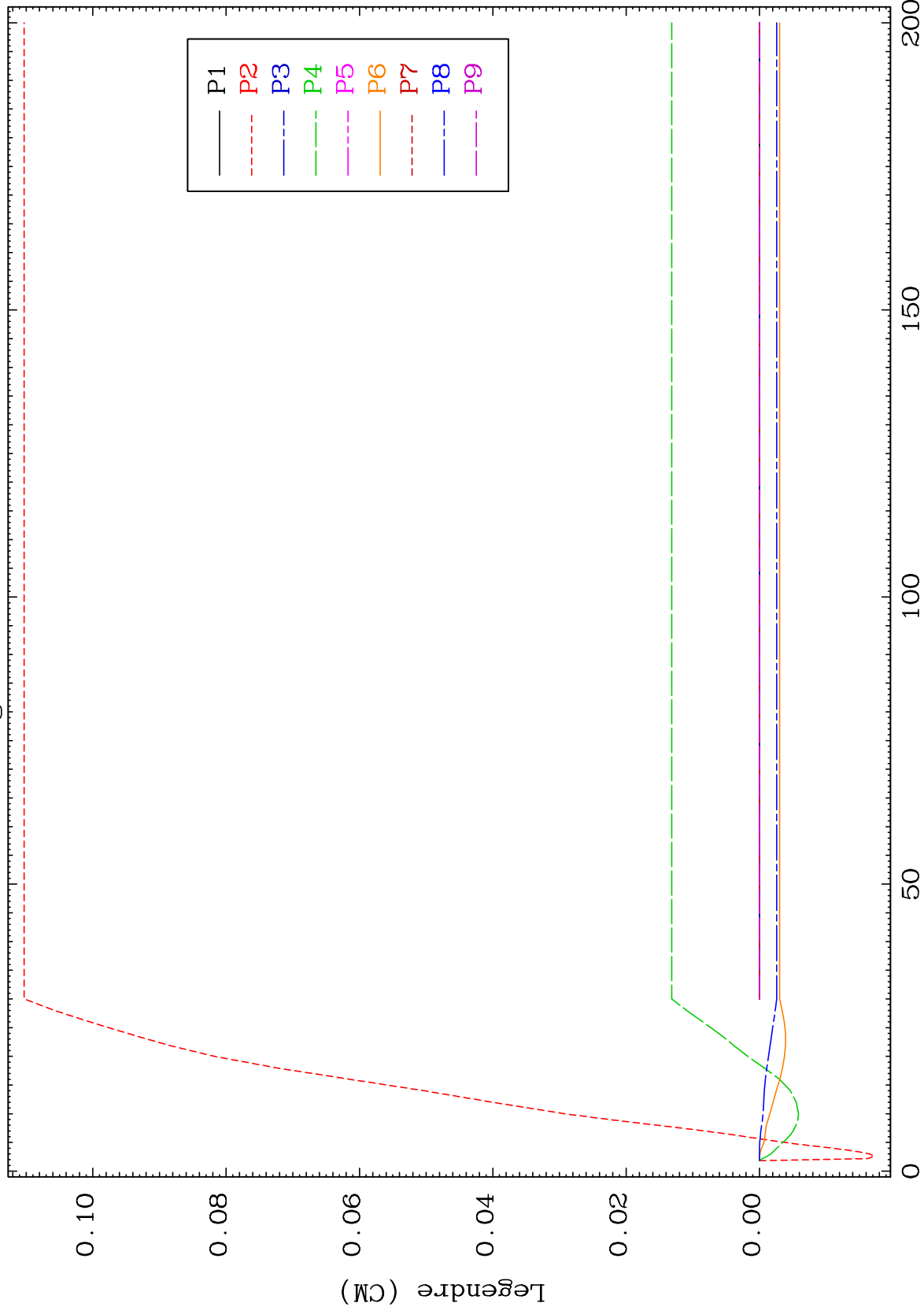
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

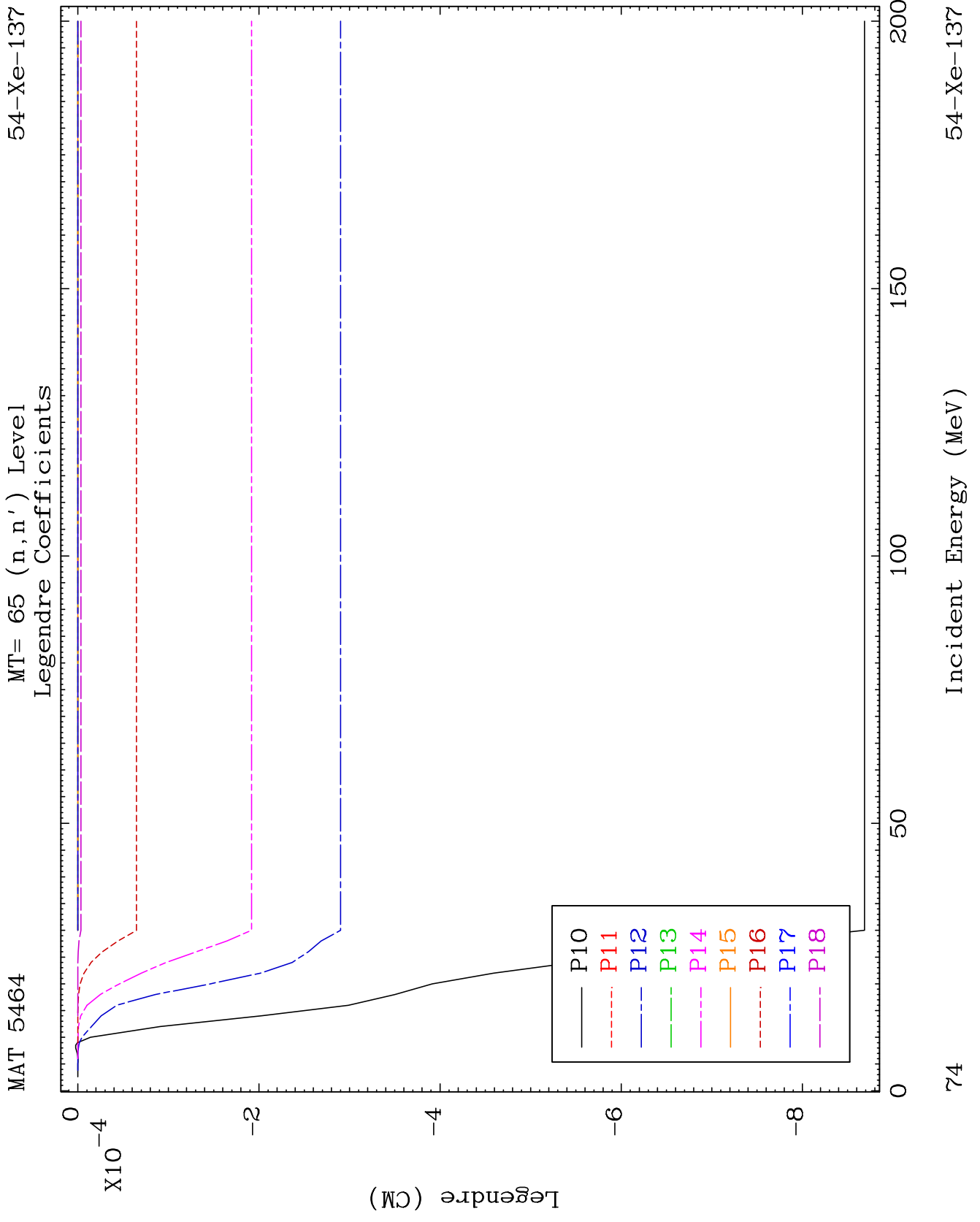
54-Xe-137



54-Xe-137

Incident Energy (MeV)

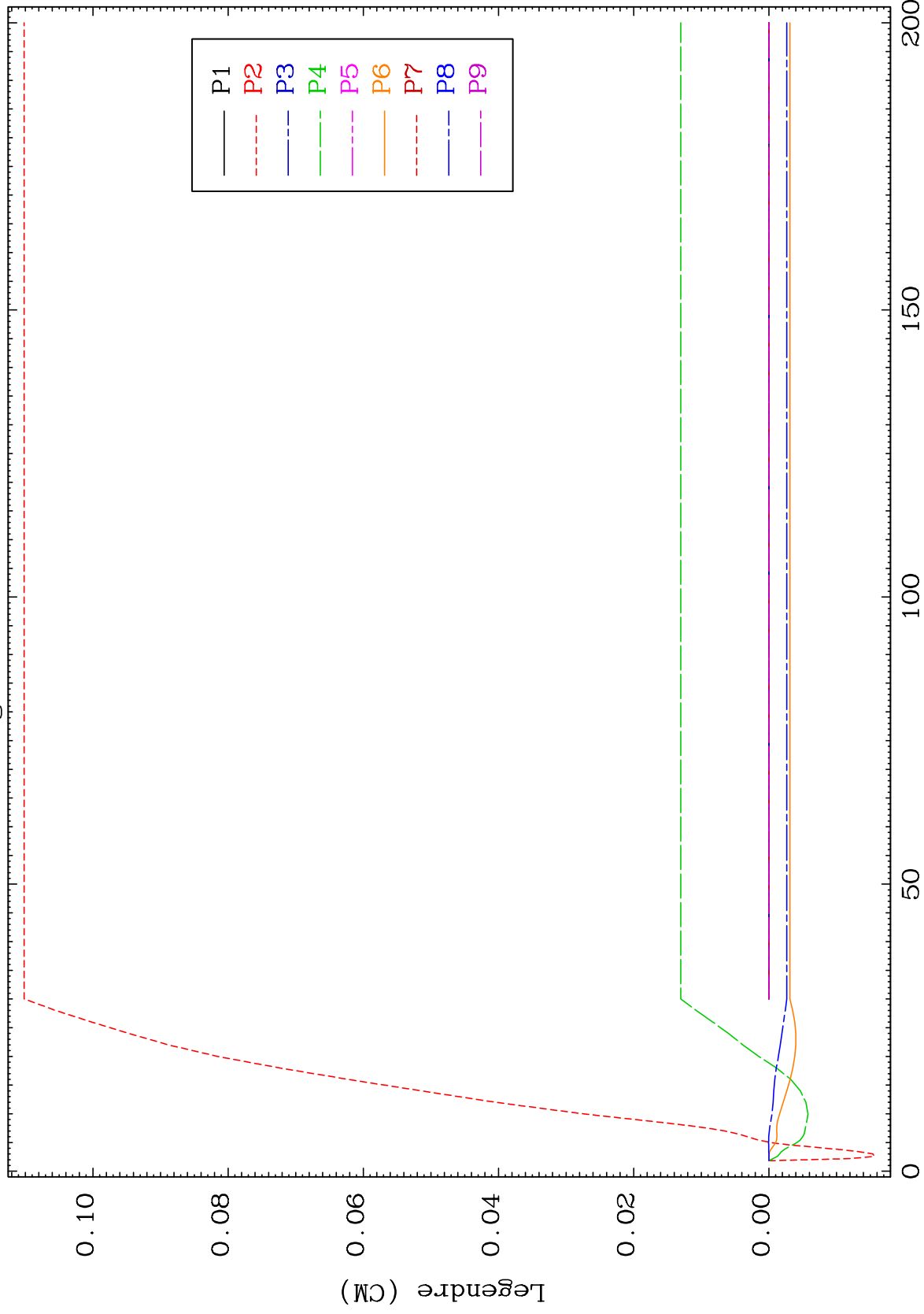
73



MAT 5464

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

54-Xe-137



76

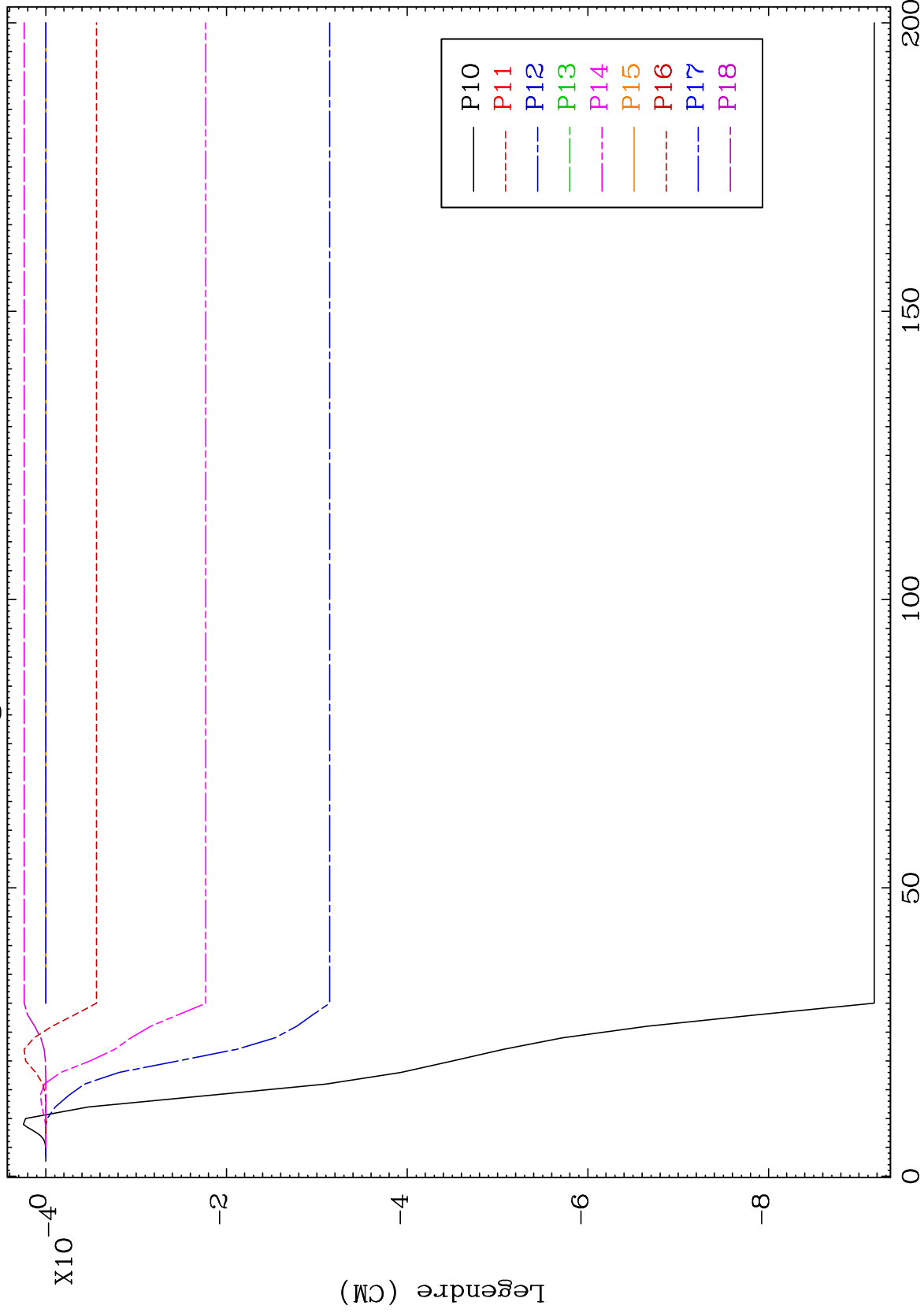
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

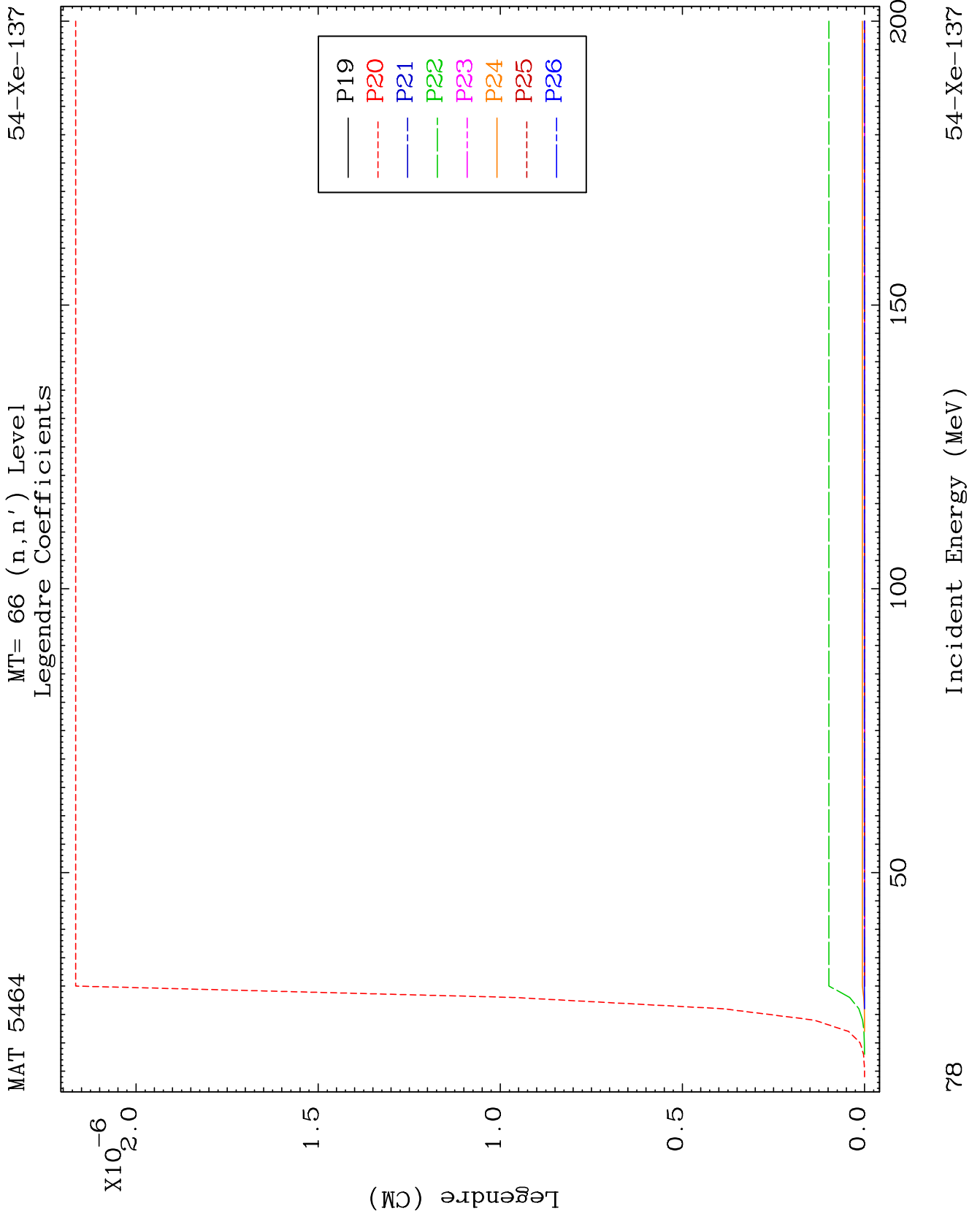
54-Xe-137



77

Incident Energy (MeV)

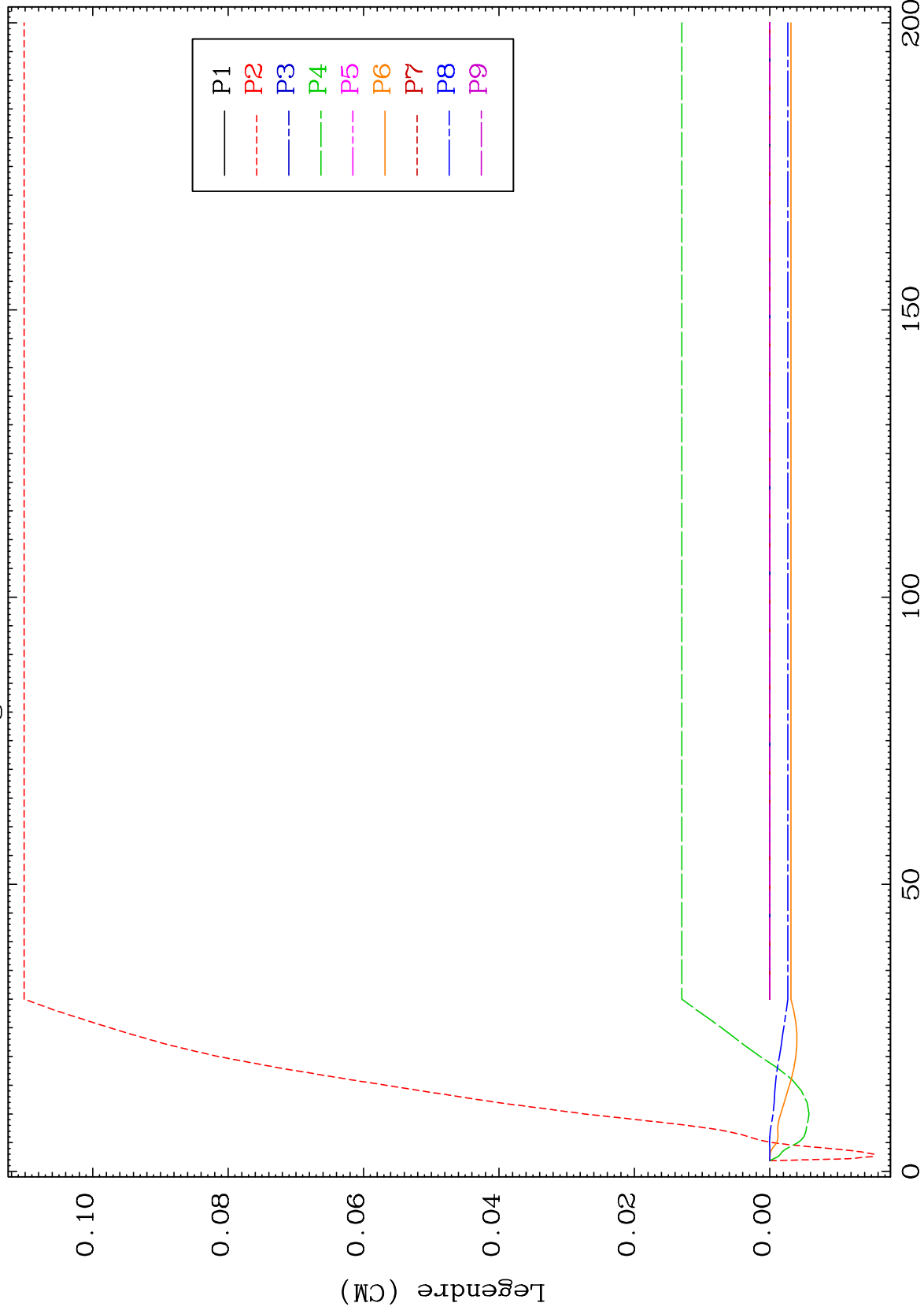
54-Xe-137



MAT 5464

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

54-Xe-137



79

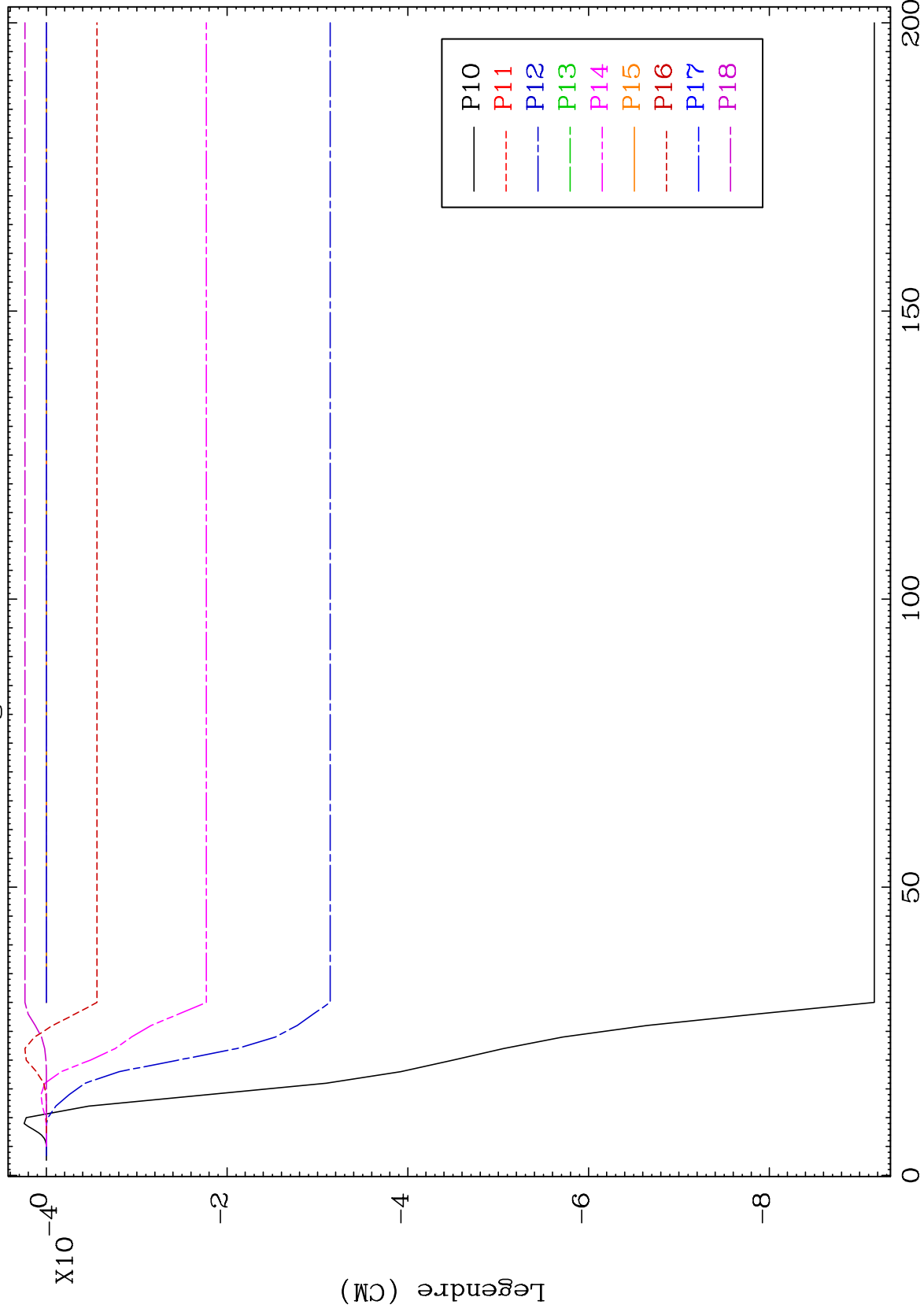
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



80

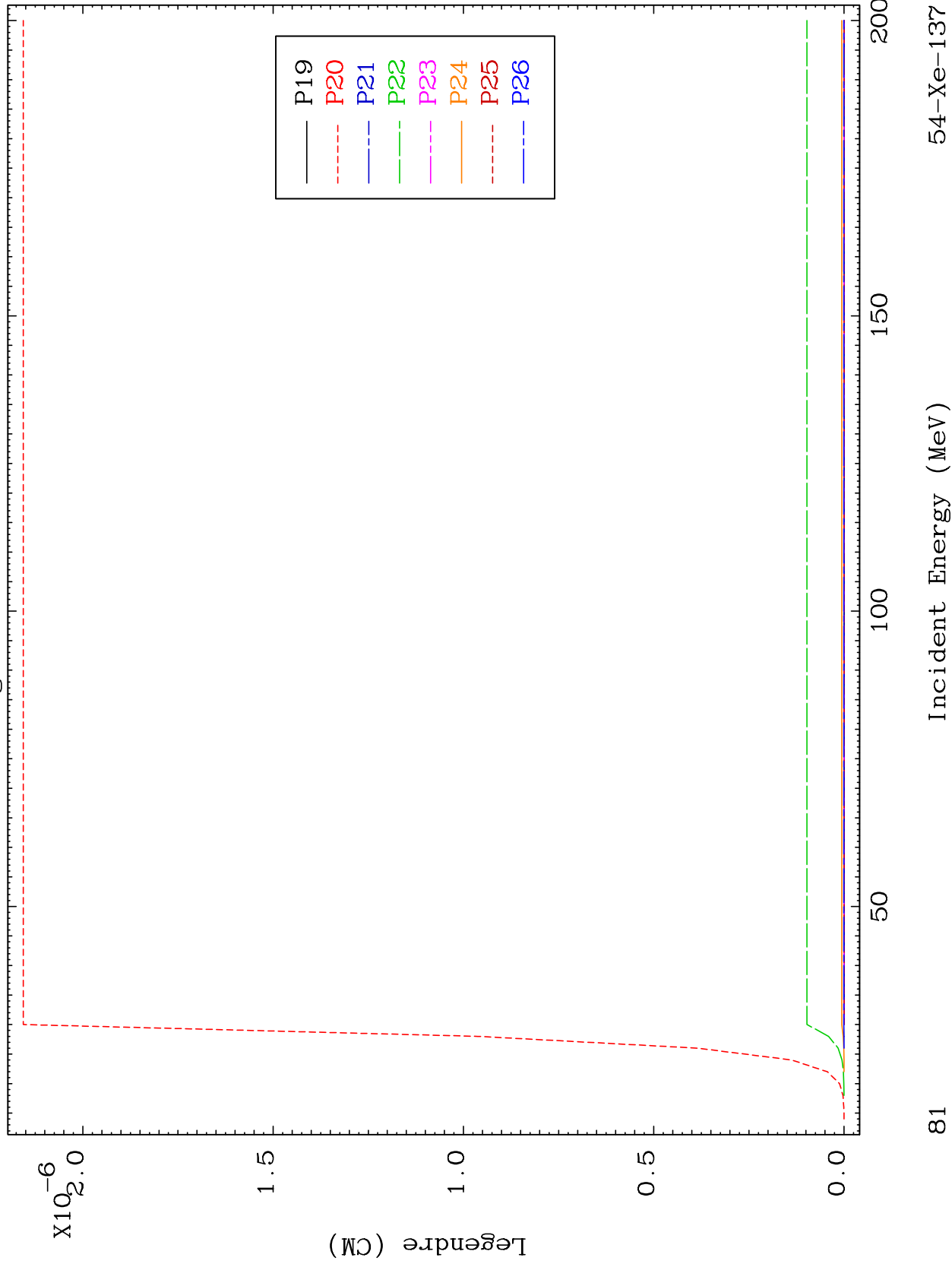
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



81

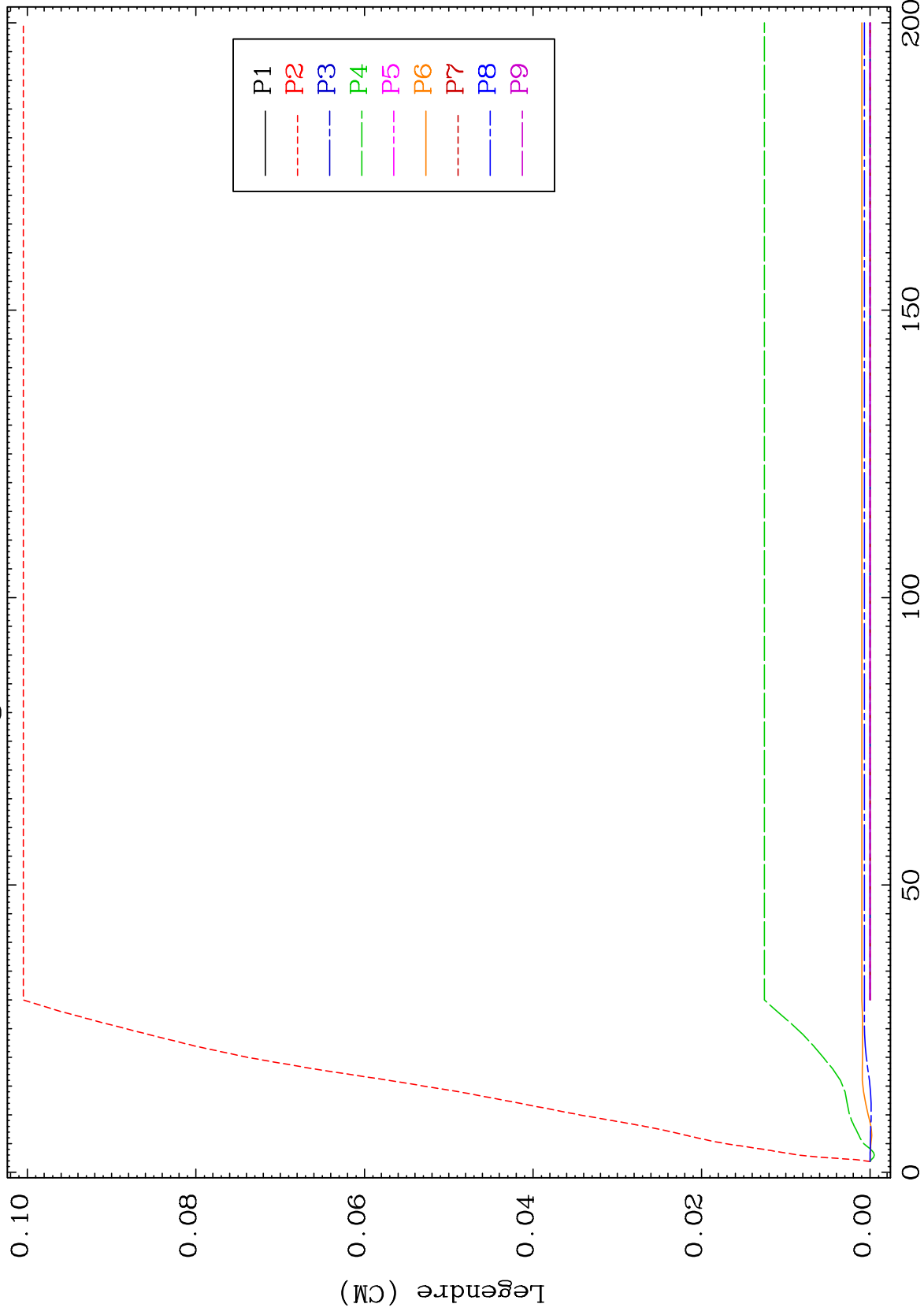
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



82

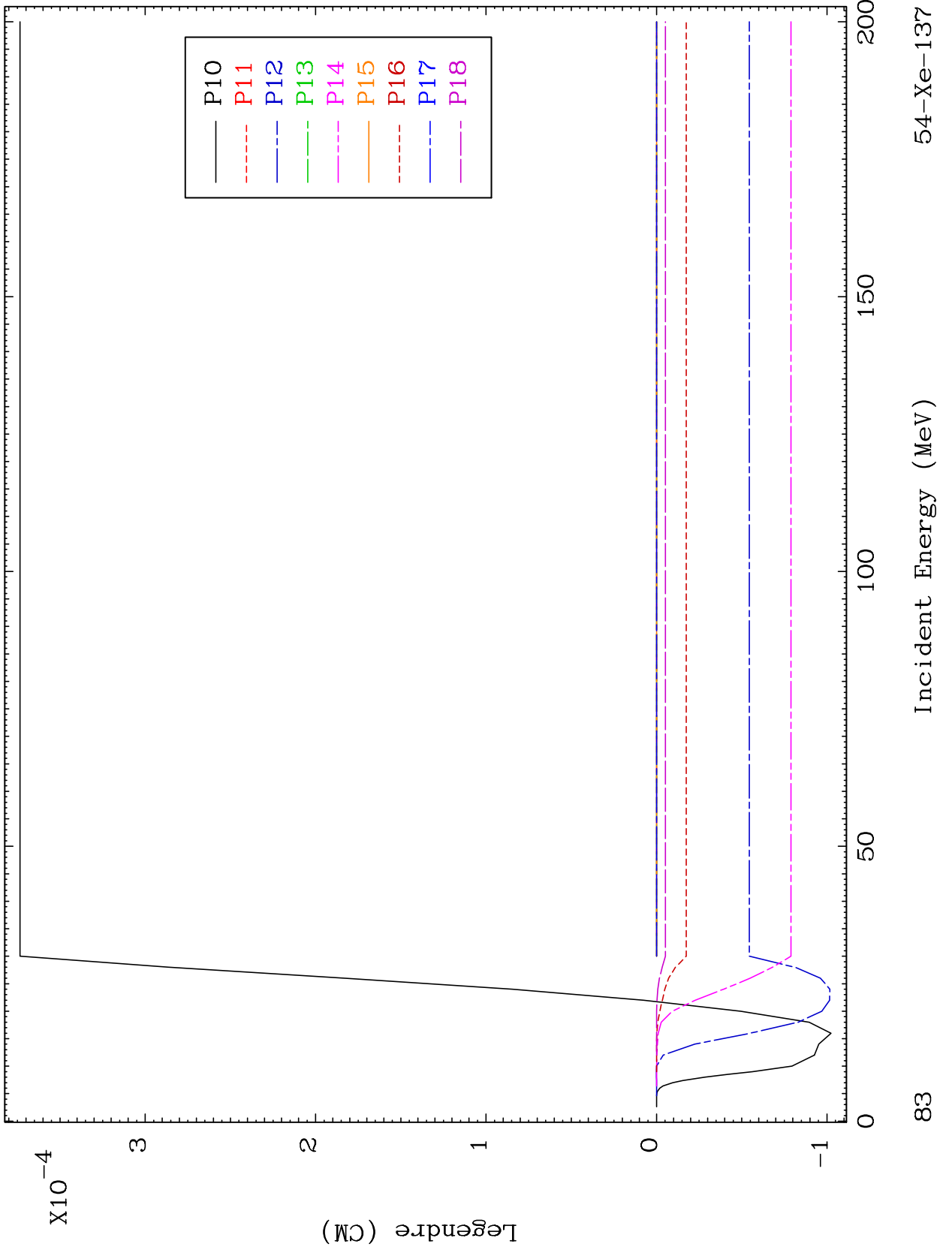
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



83

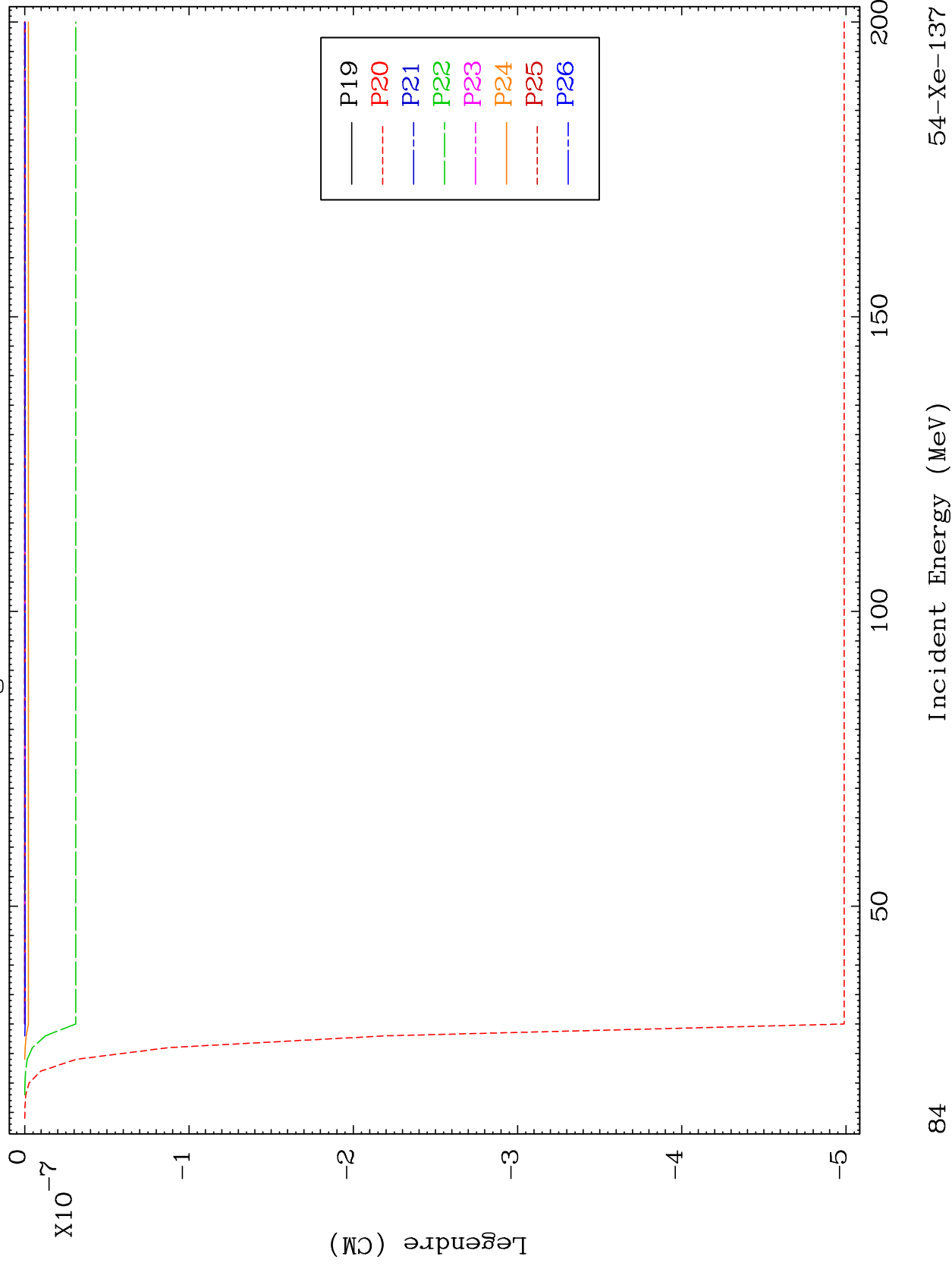
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



84

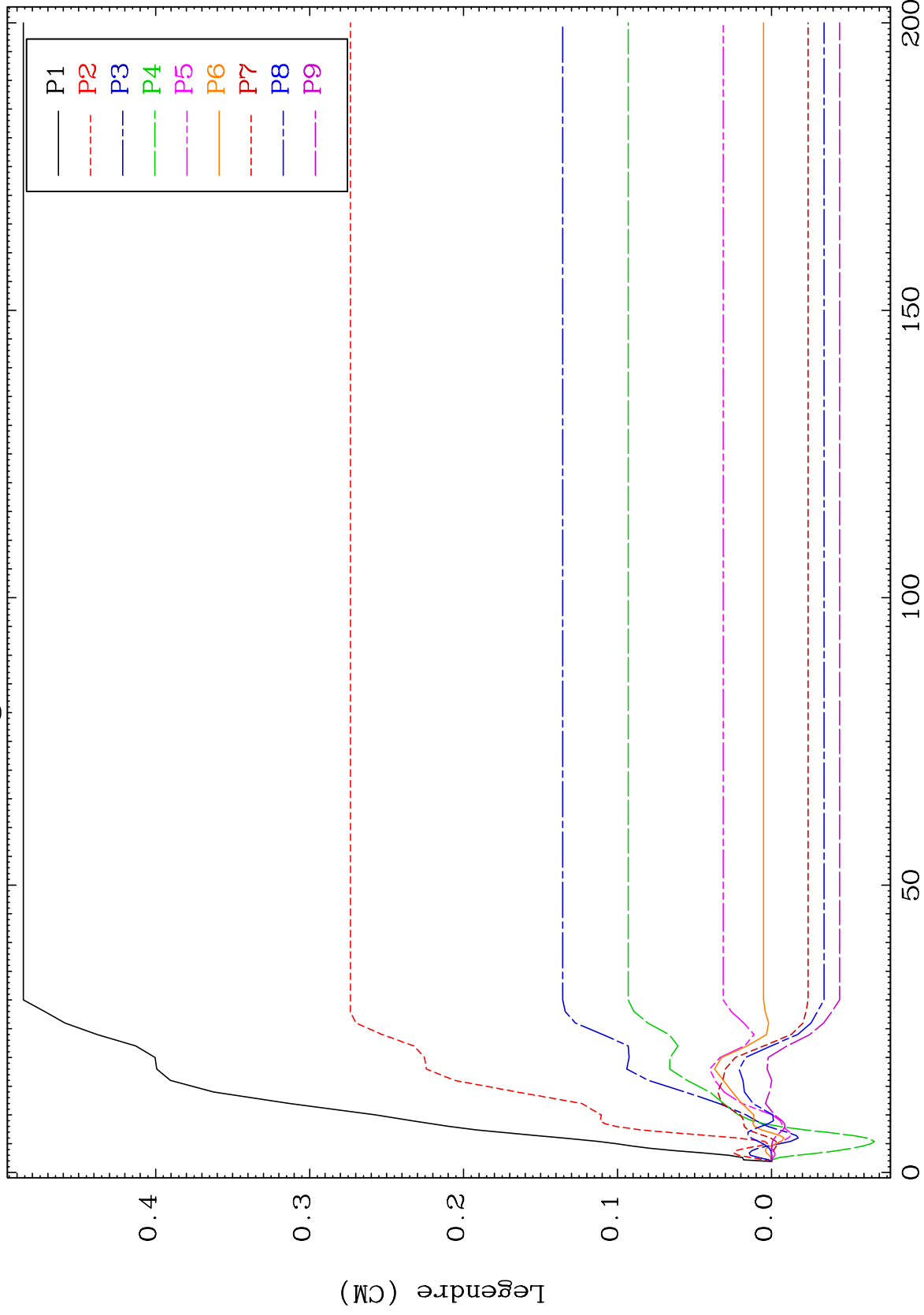
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



85

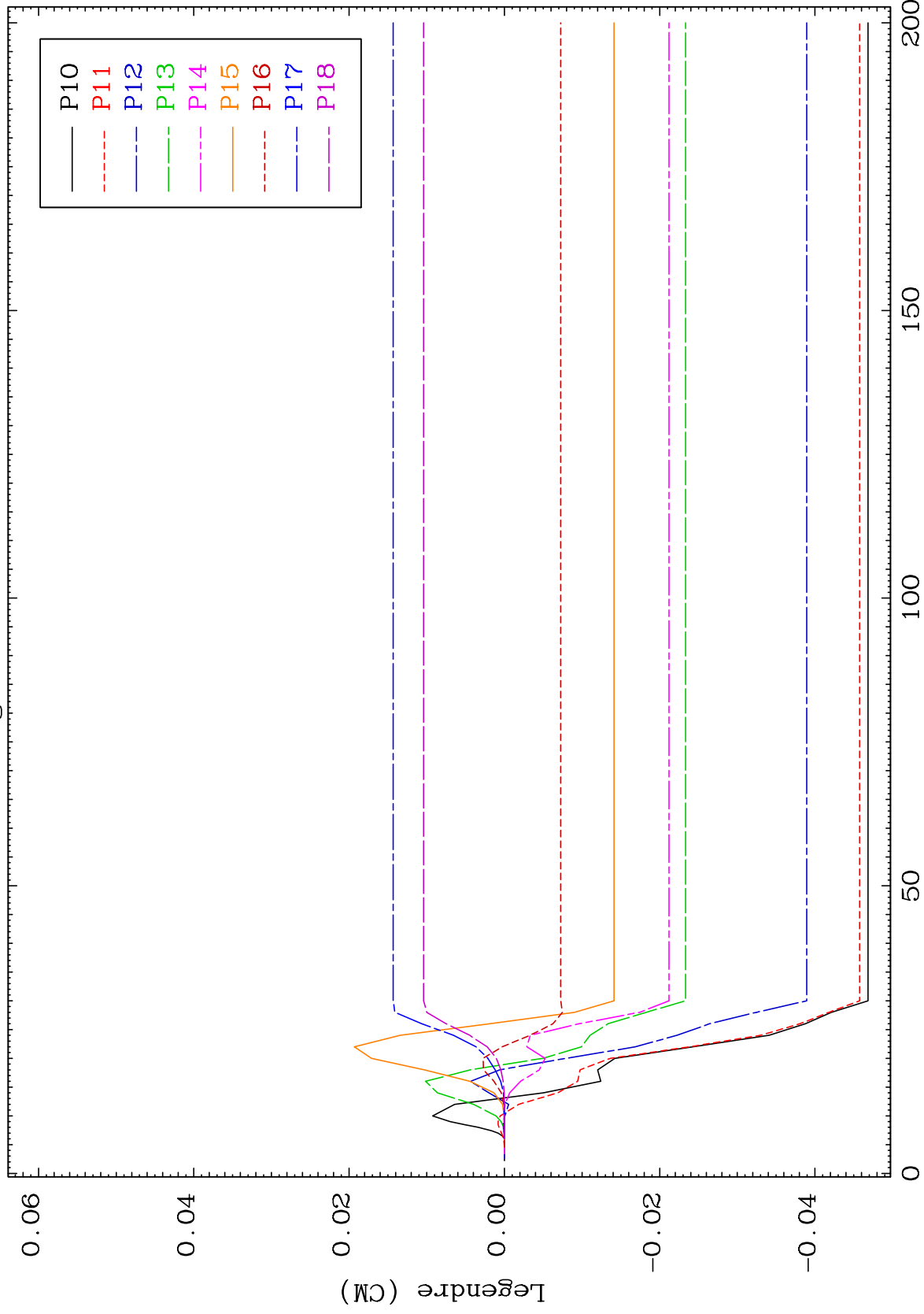
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



86

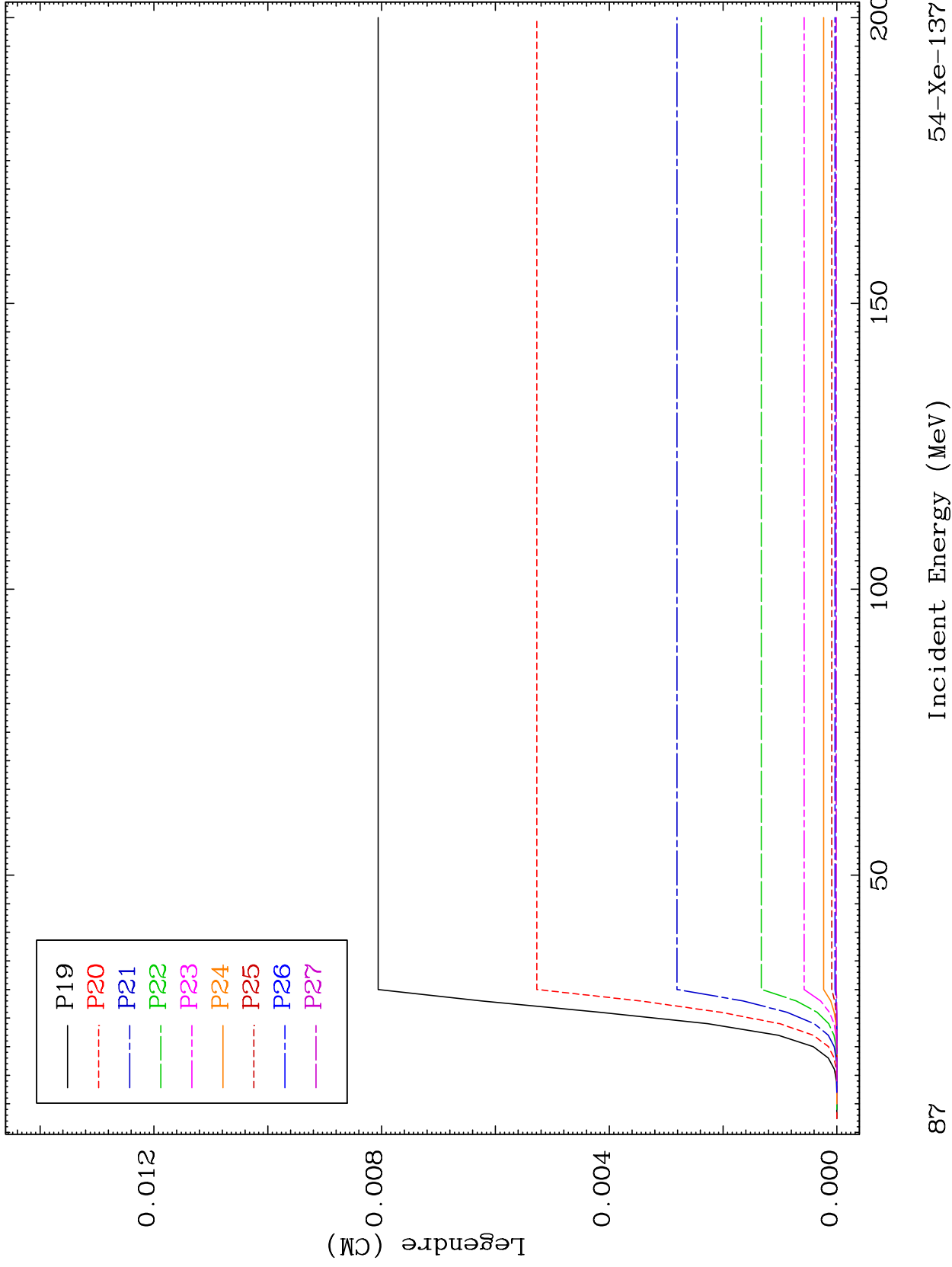
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



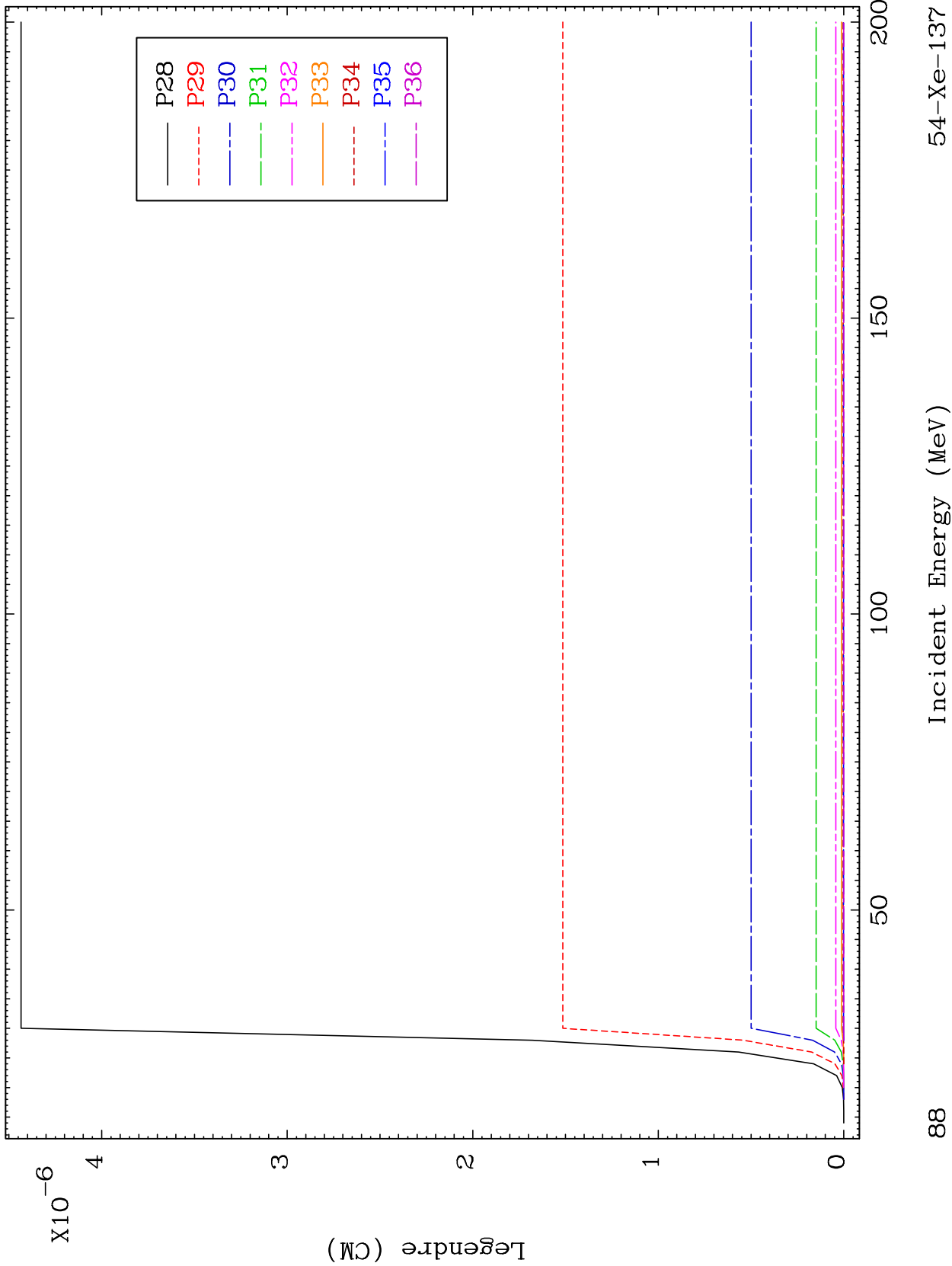
87

54-Xe-137

MAT 5464

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

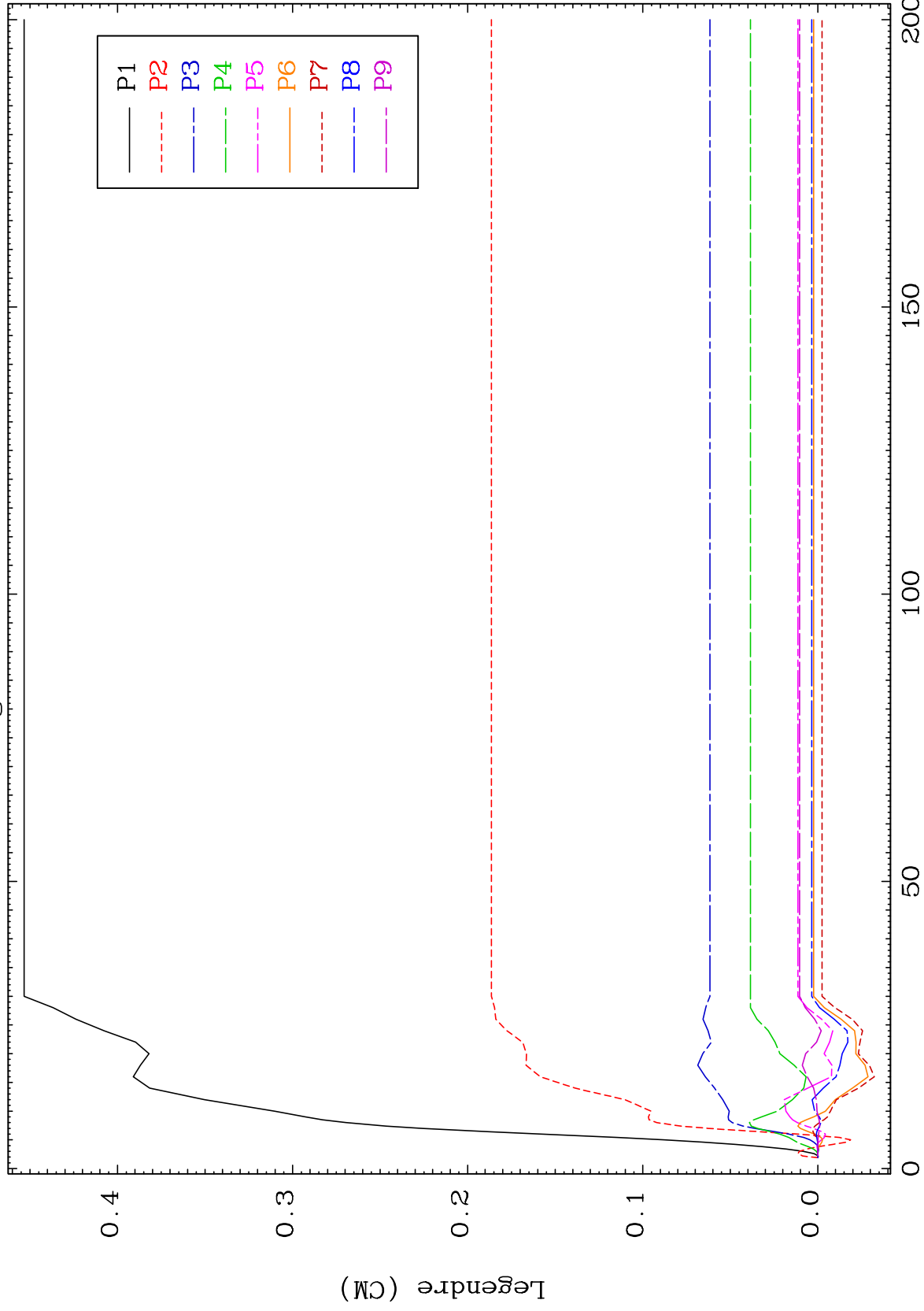
54-Xe-137



MAT 5464

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

54-Xe-137



89

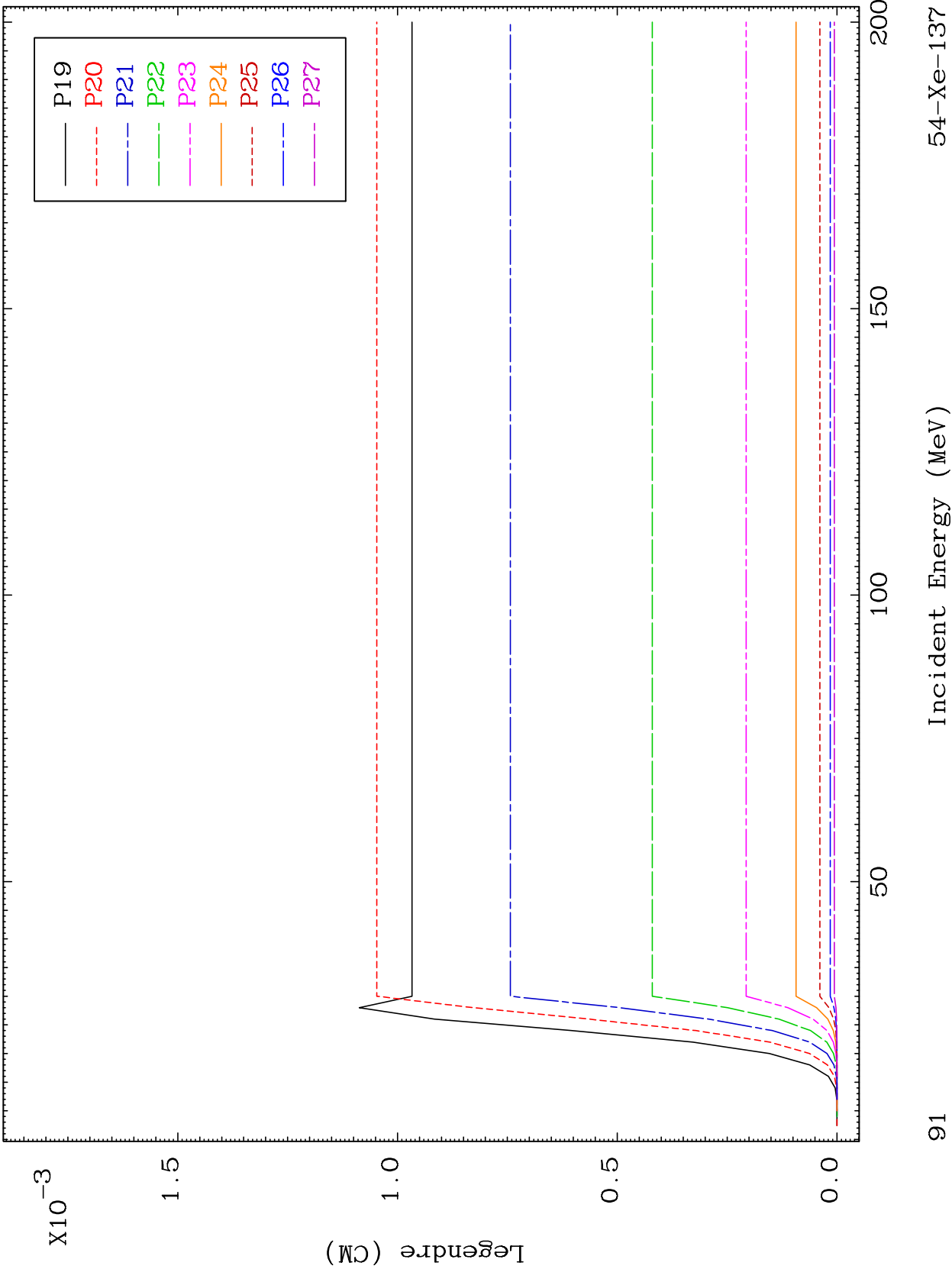
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



91

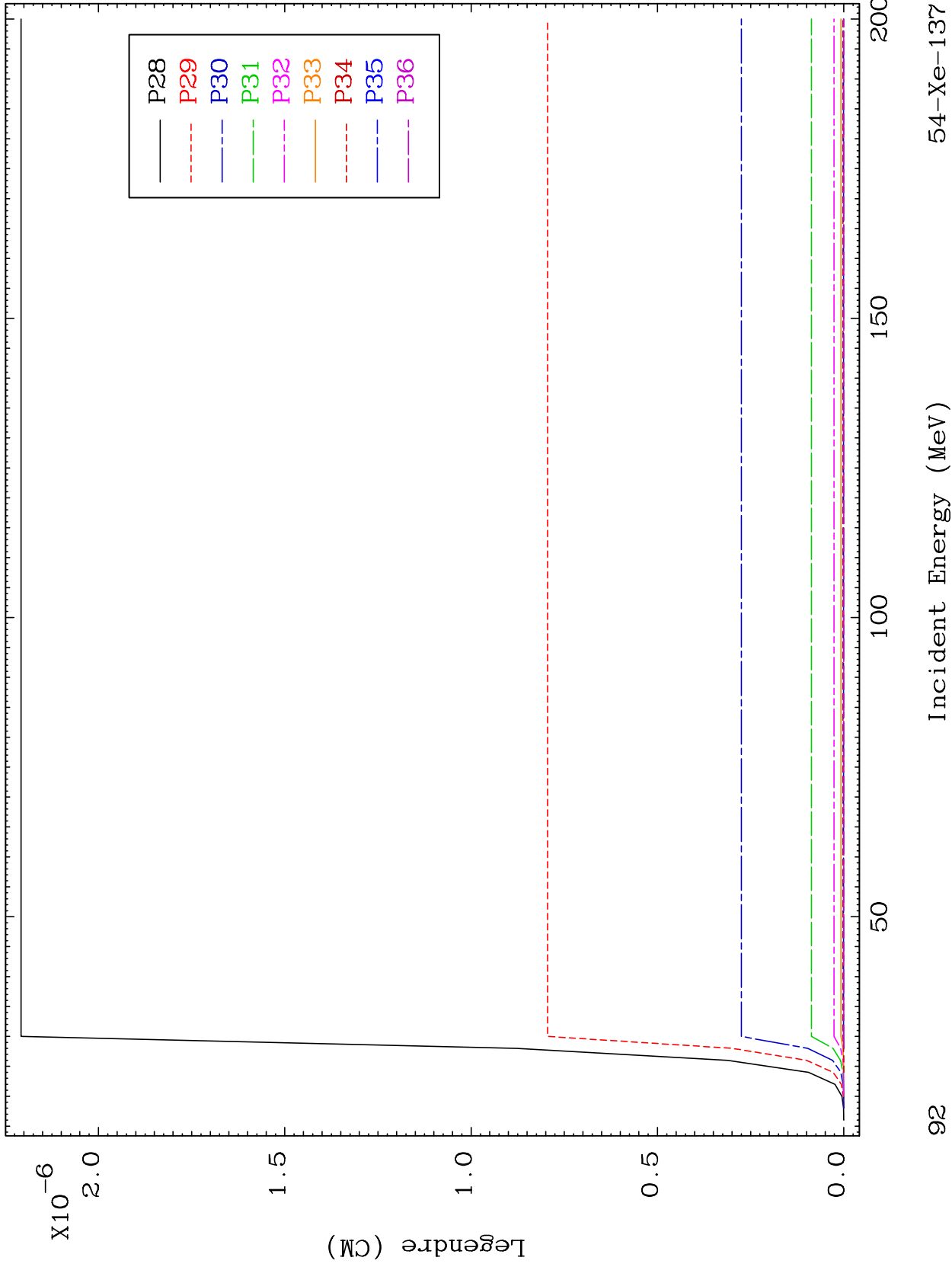
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



92

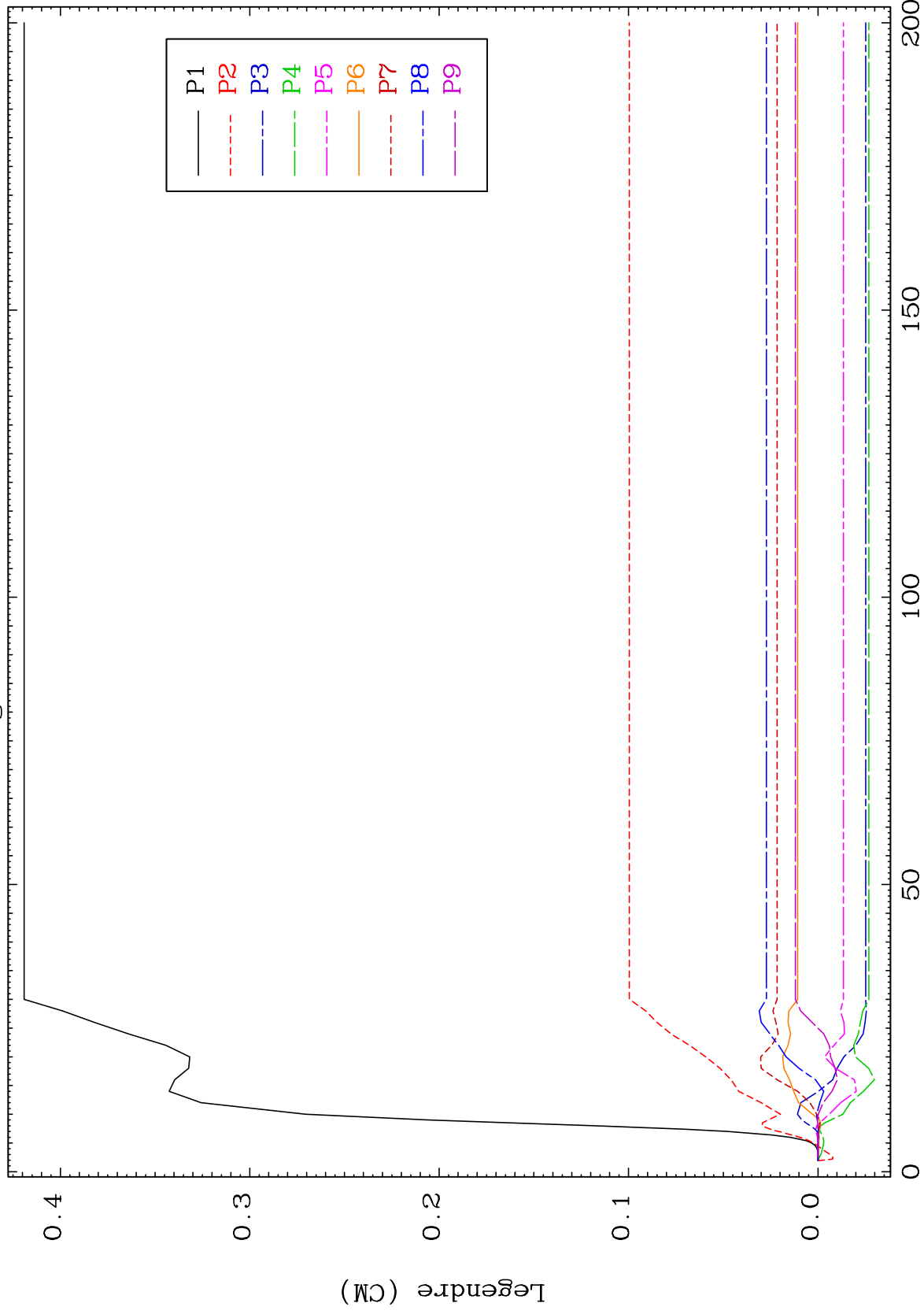
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



93

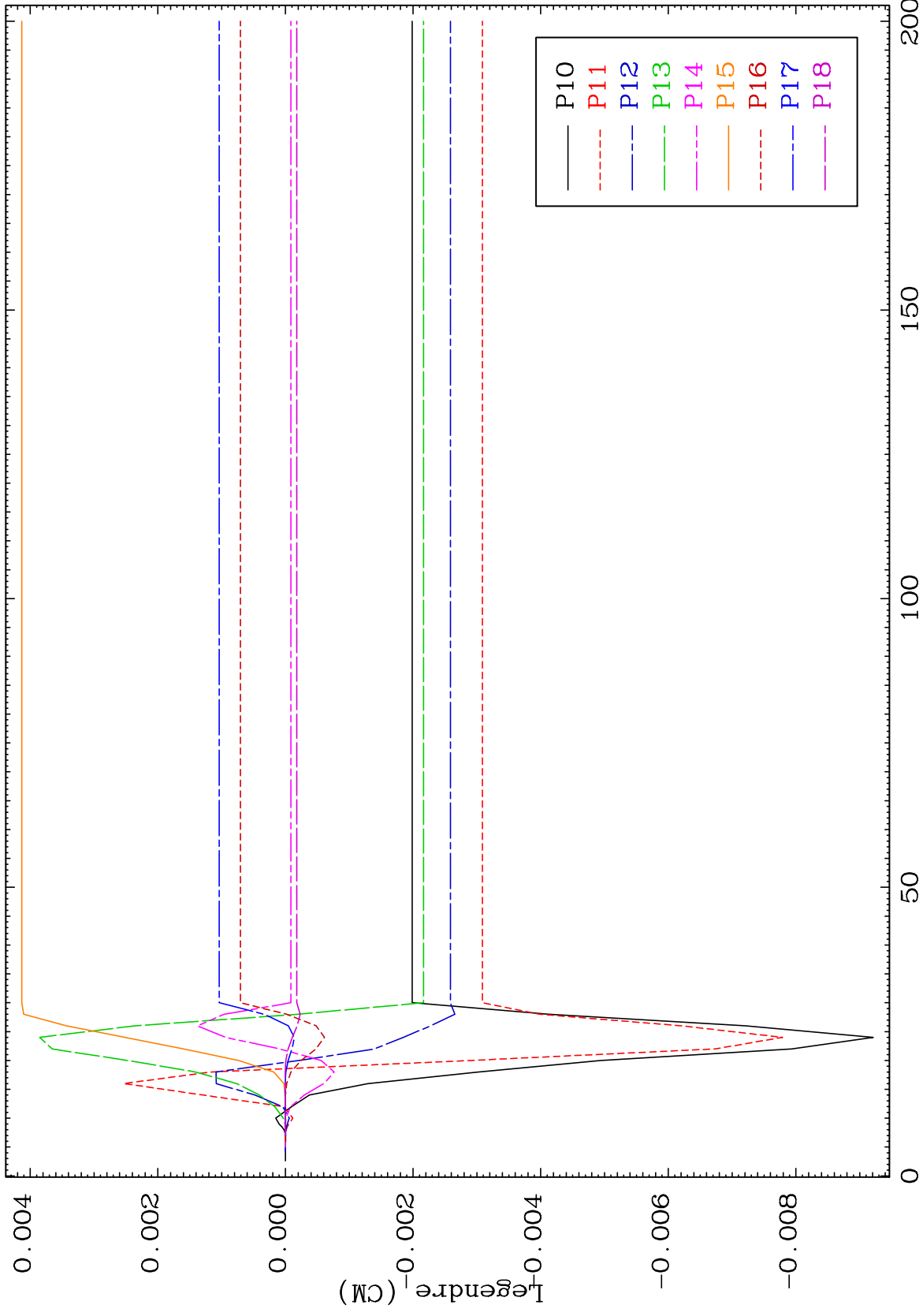
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



94

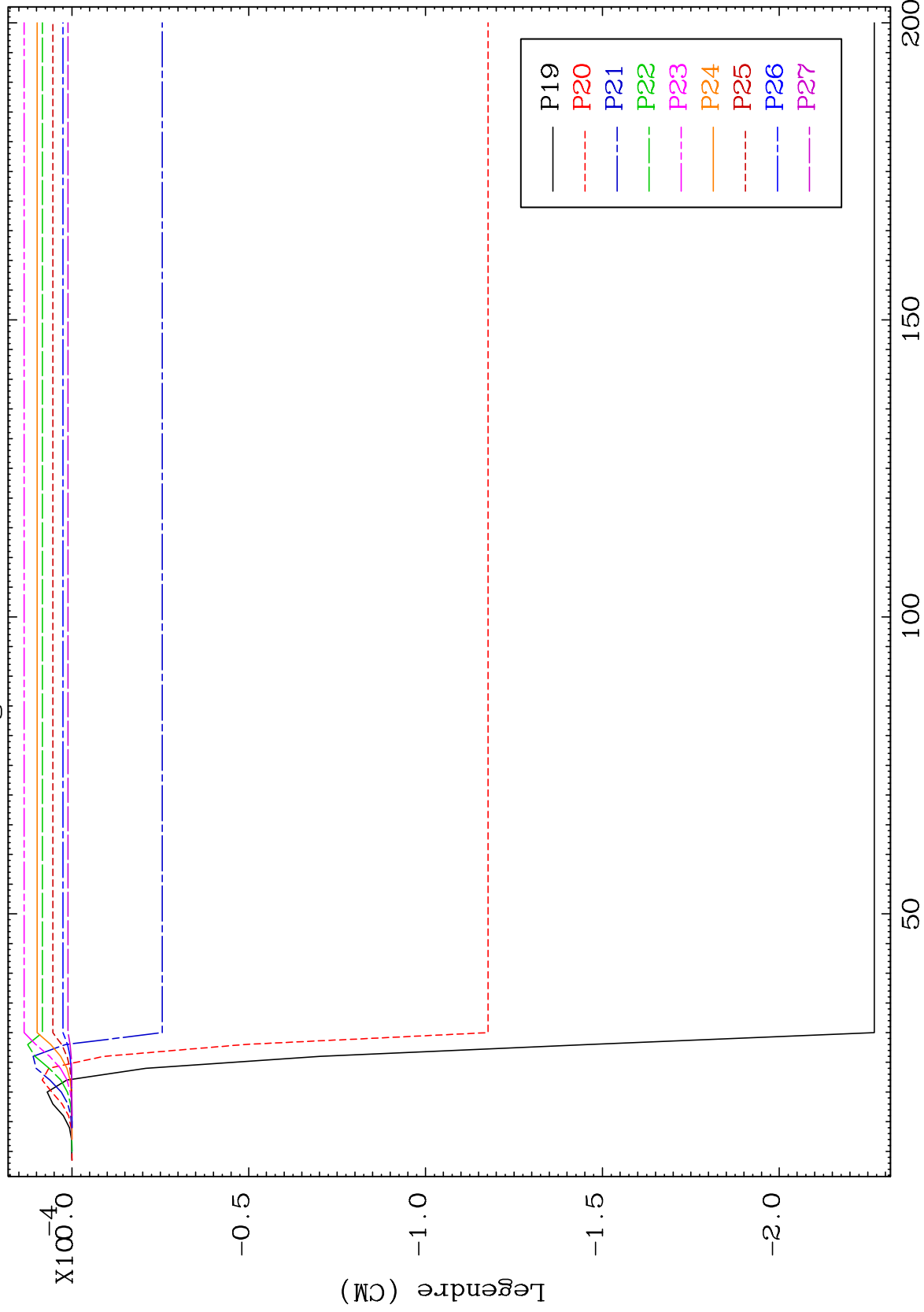
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



95

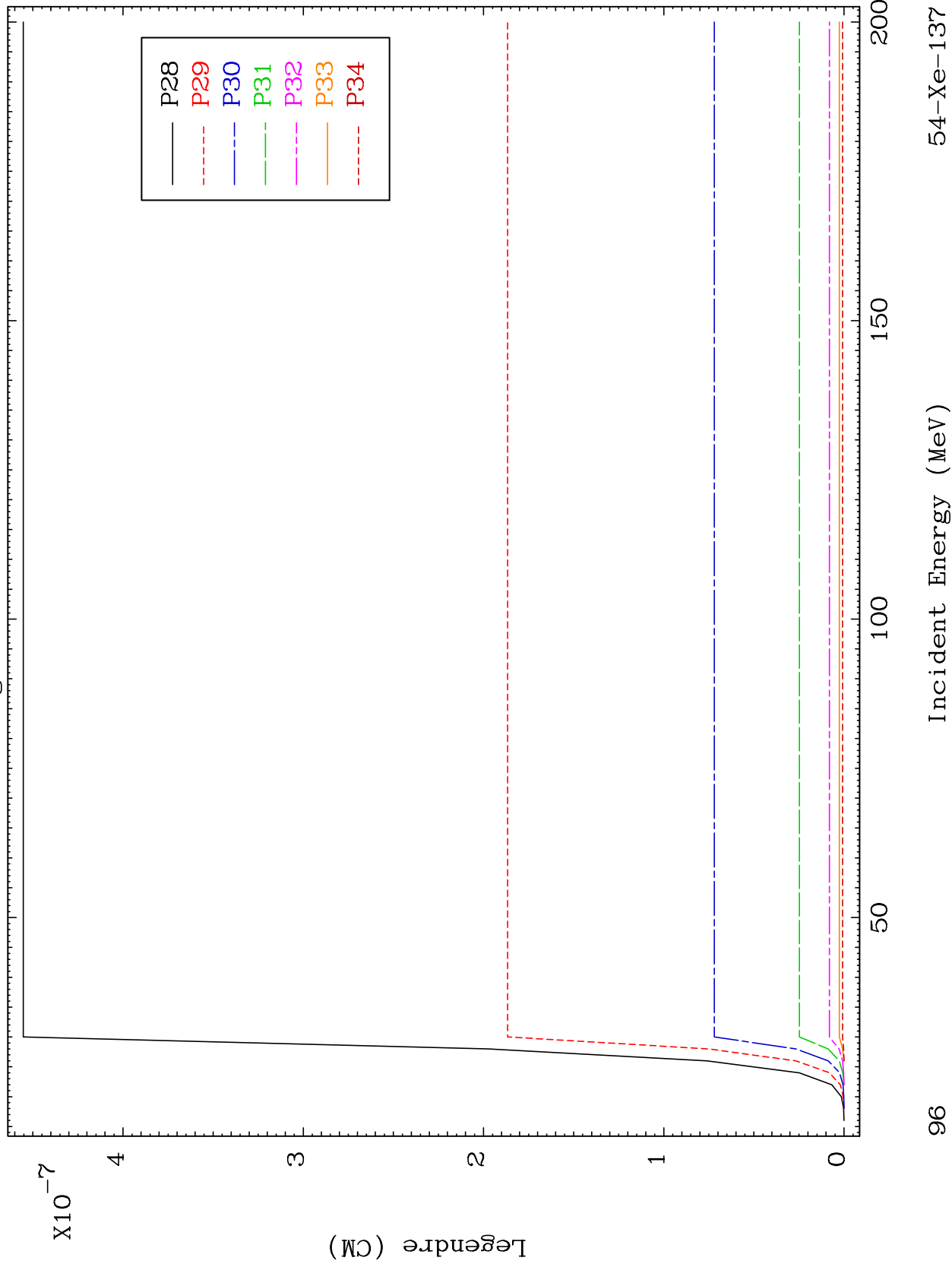
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

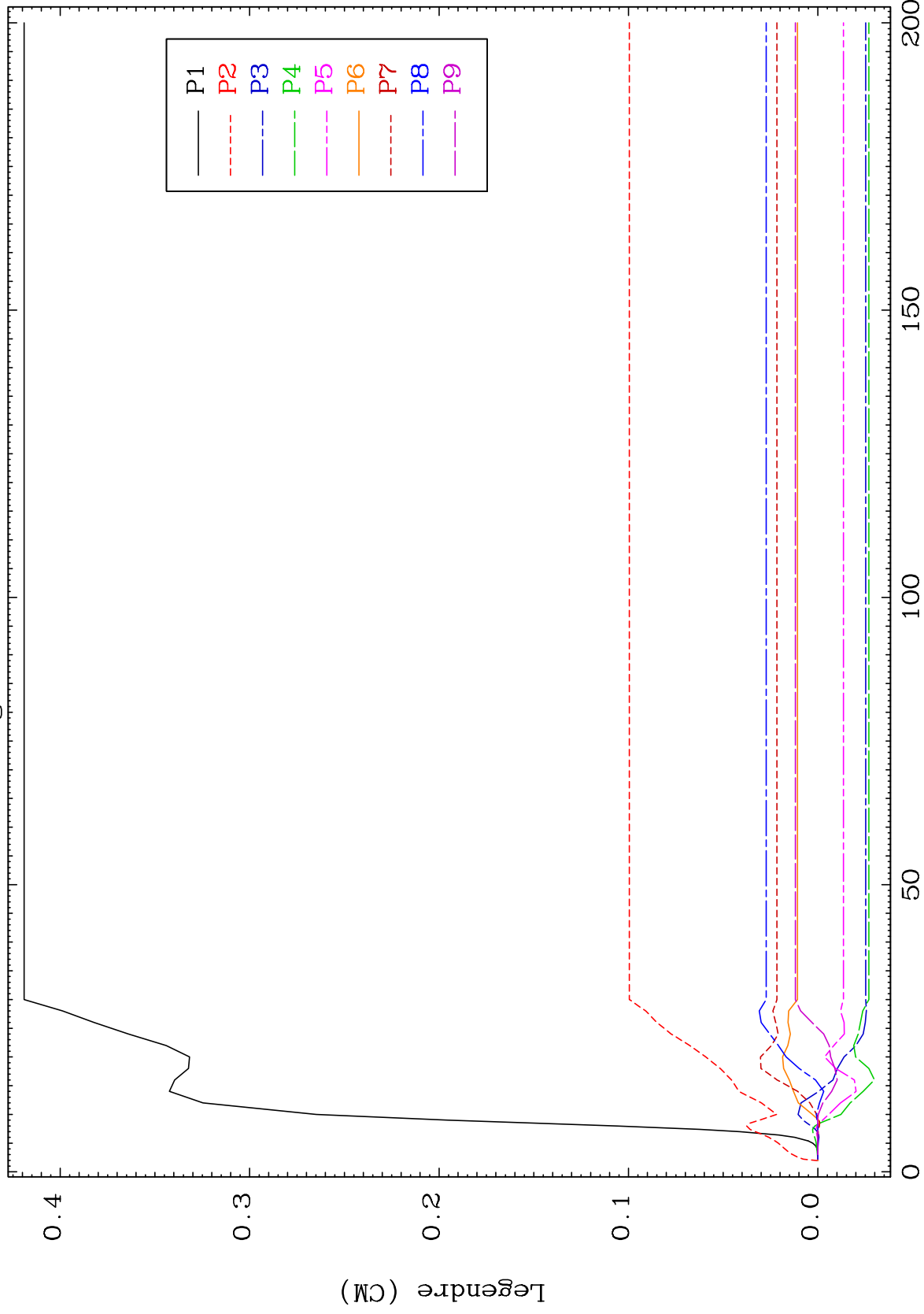
54-Xe-137



MAT 5464

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

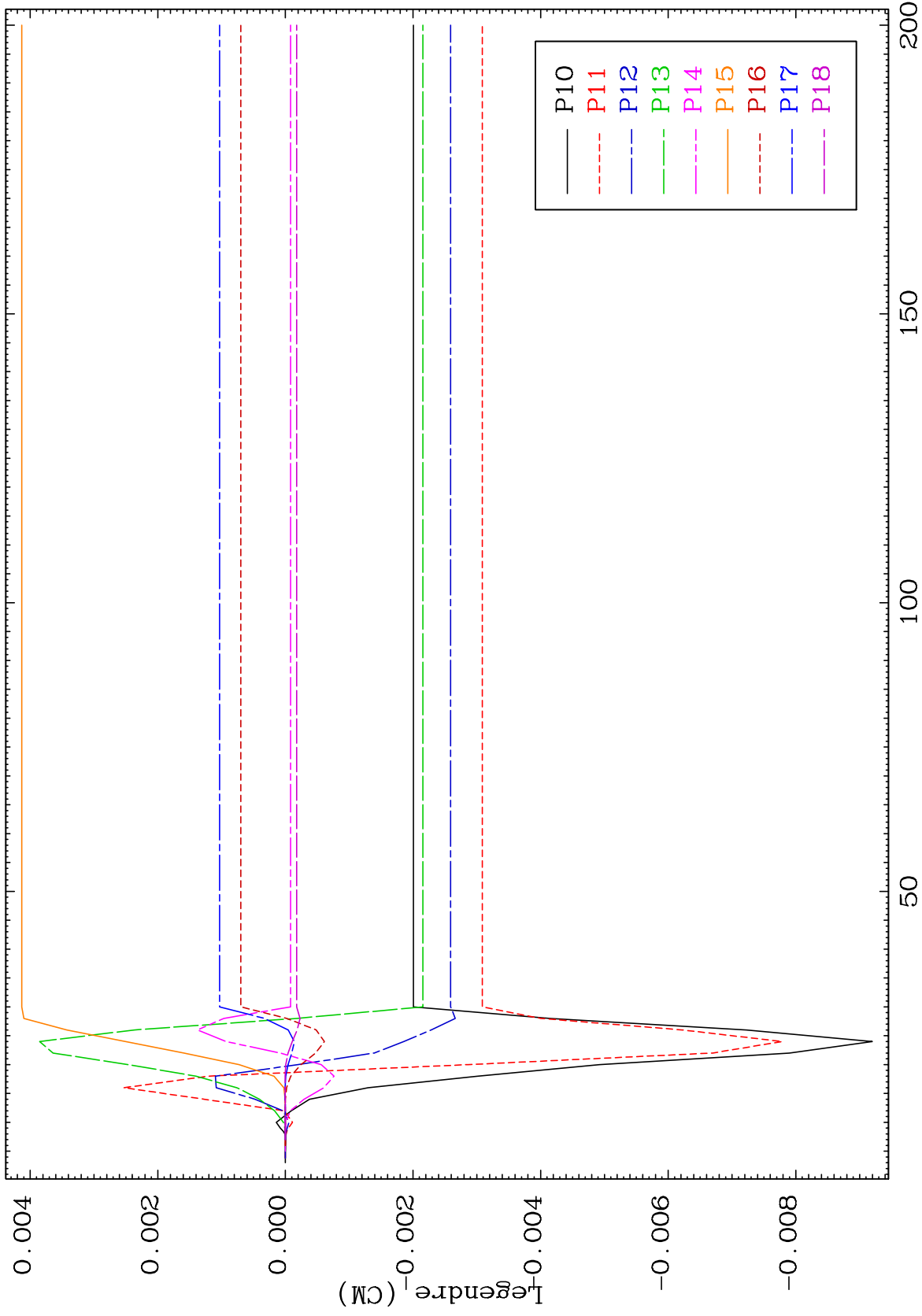
54-Xe-137



97

Incident Energy (MeV)

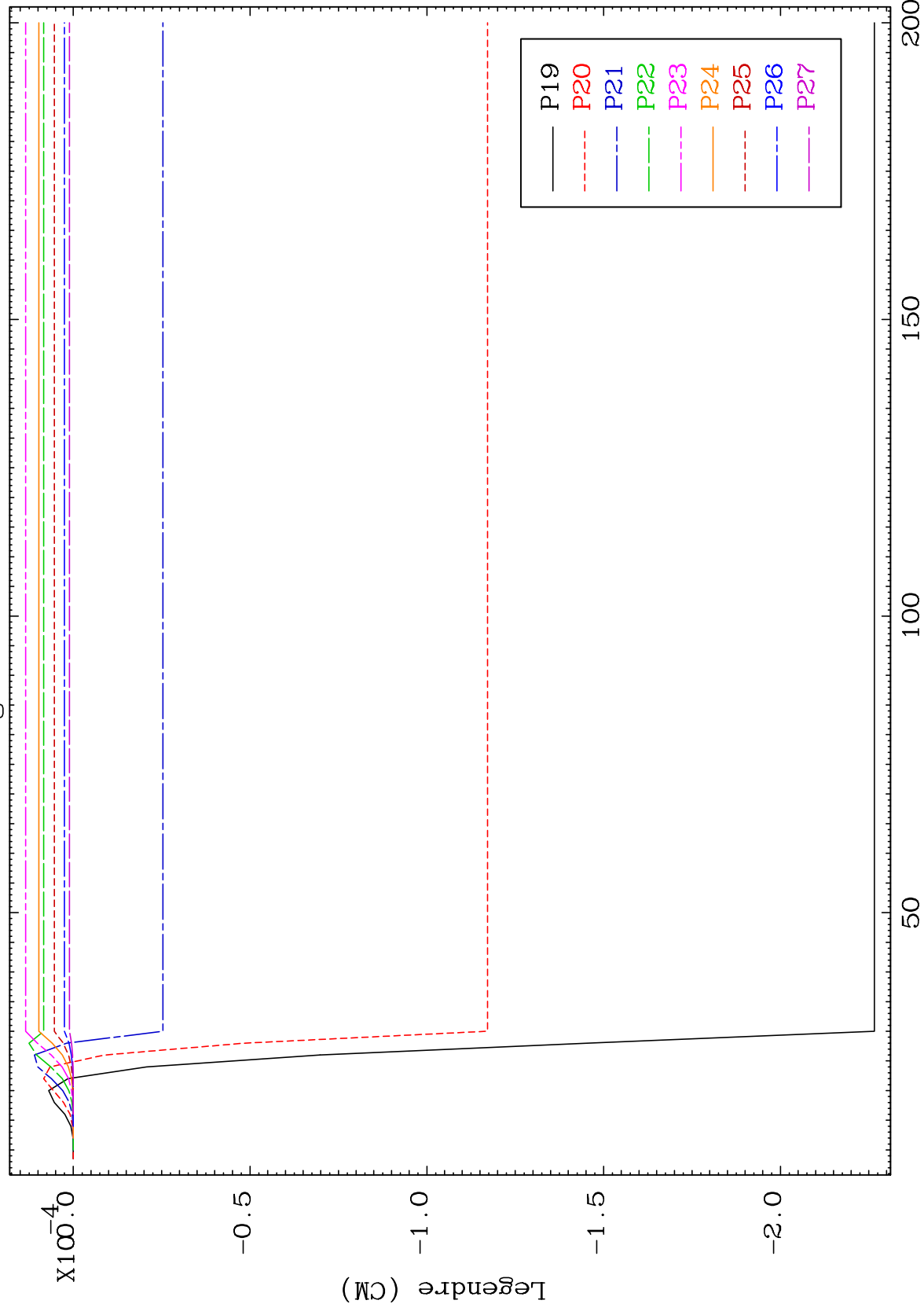
54-Xe-137



MAT 5464

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

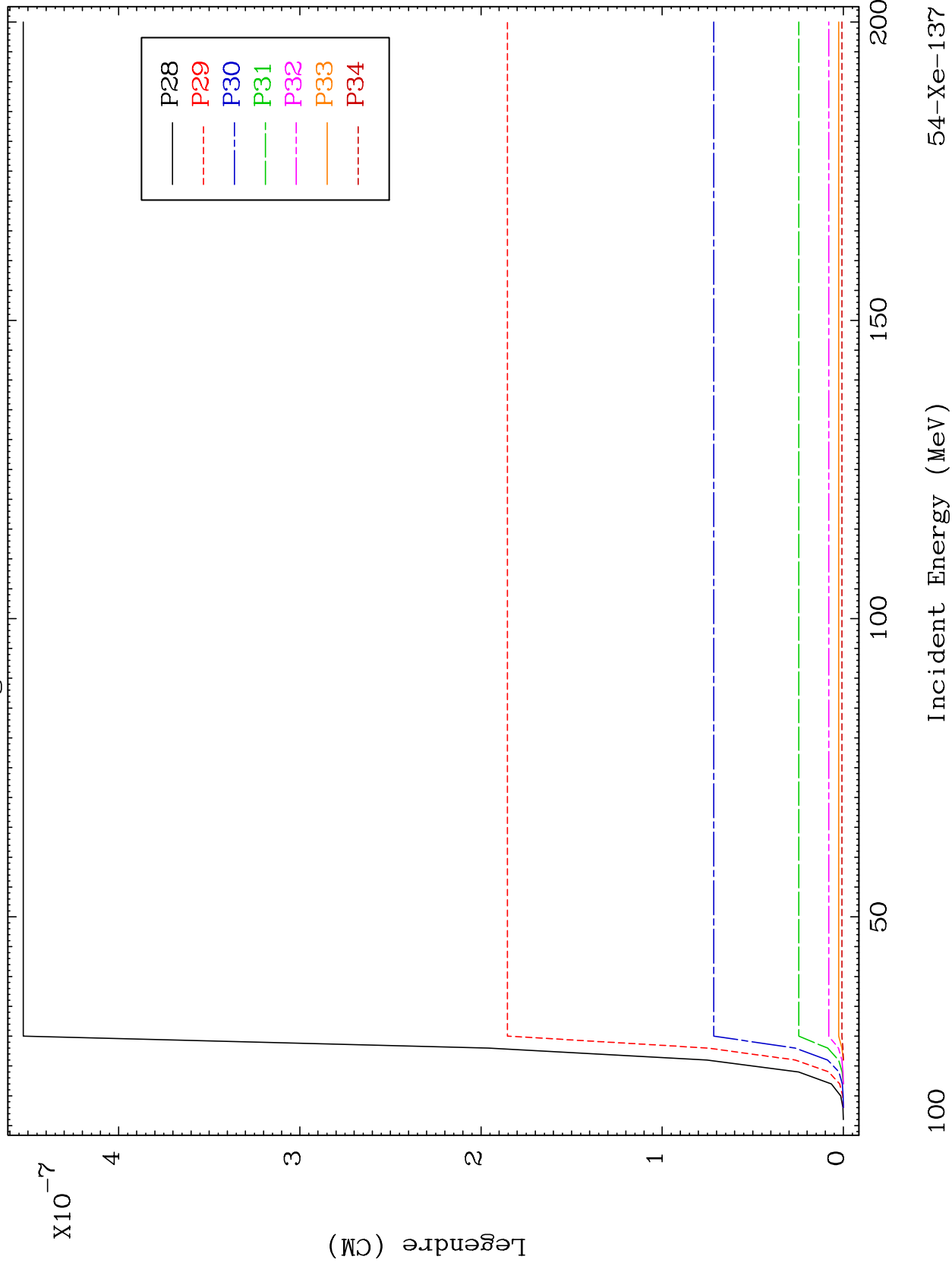
54-Xe-137



MAT 5464

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

54-Xe-137

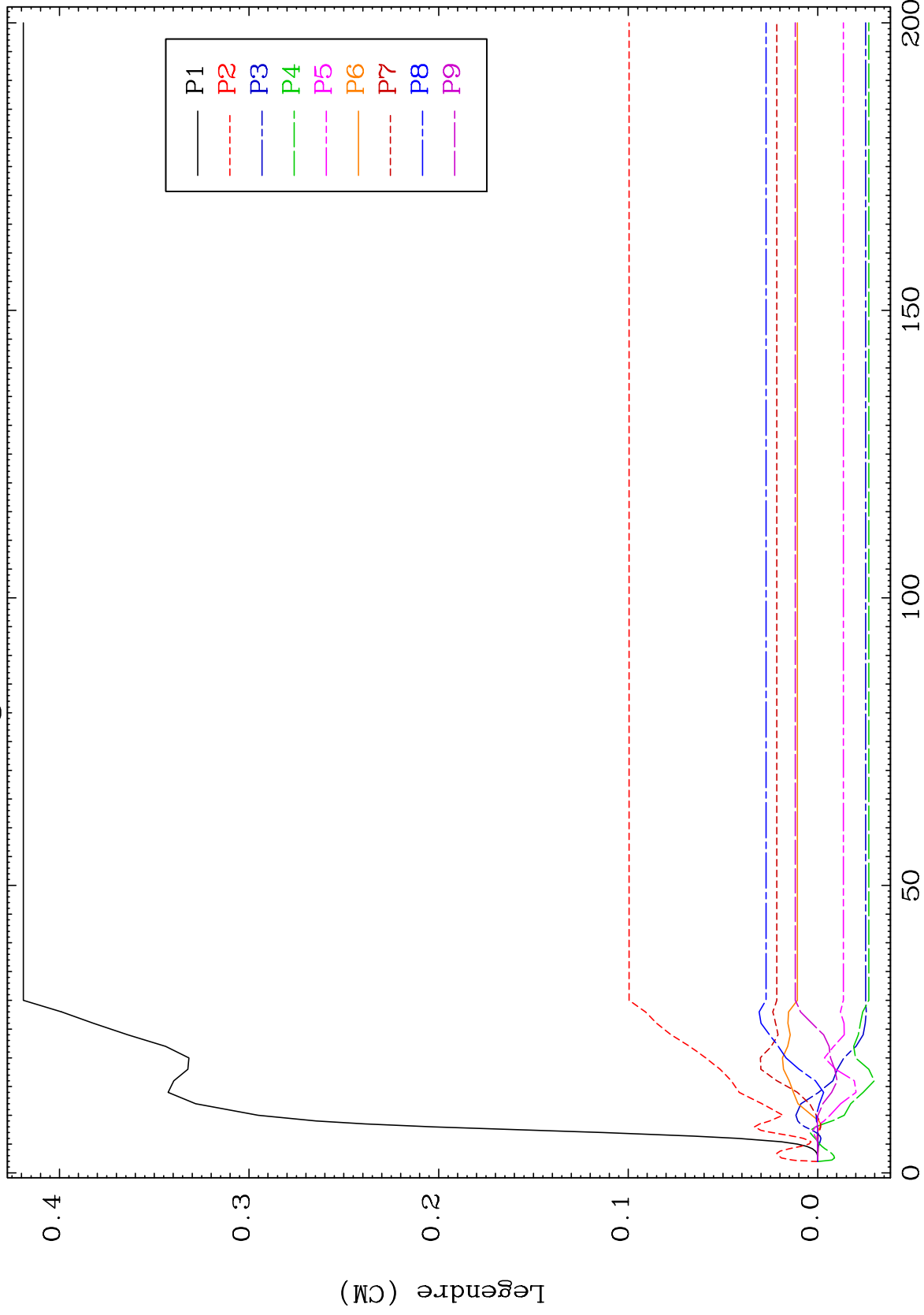


54-Xe-137

MAT 5464

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

54-Xe-137



54-Xe-137

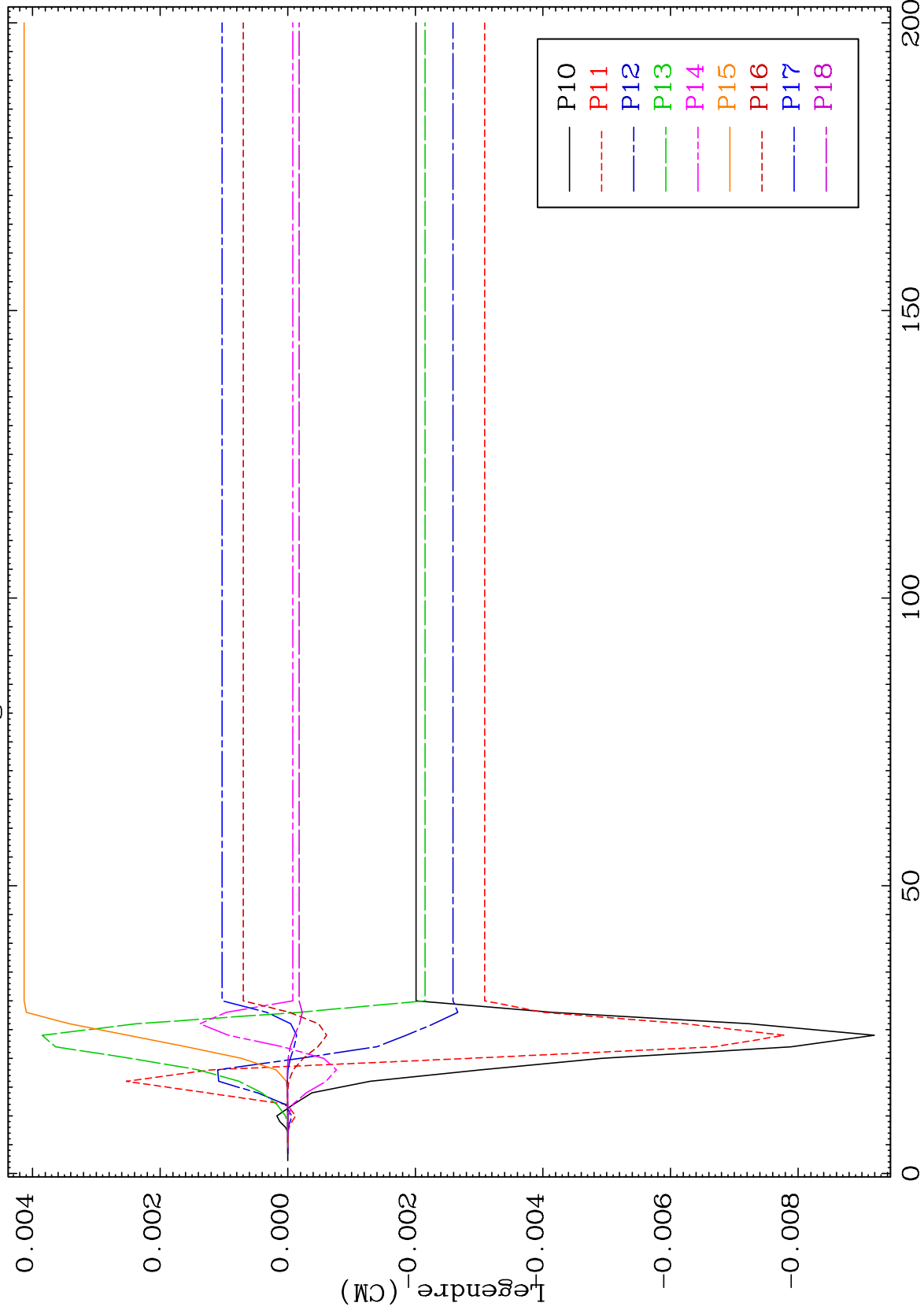
Incident Energy (MeV)

101

MAT 5464

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

54-Xe-137



102

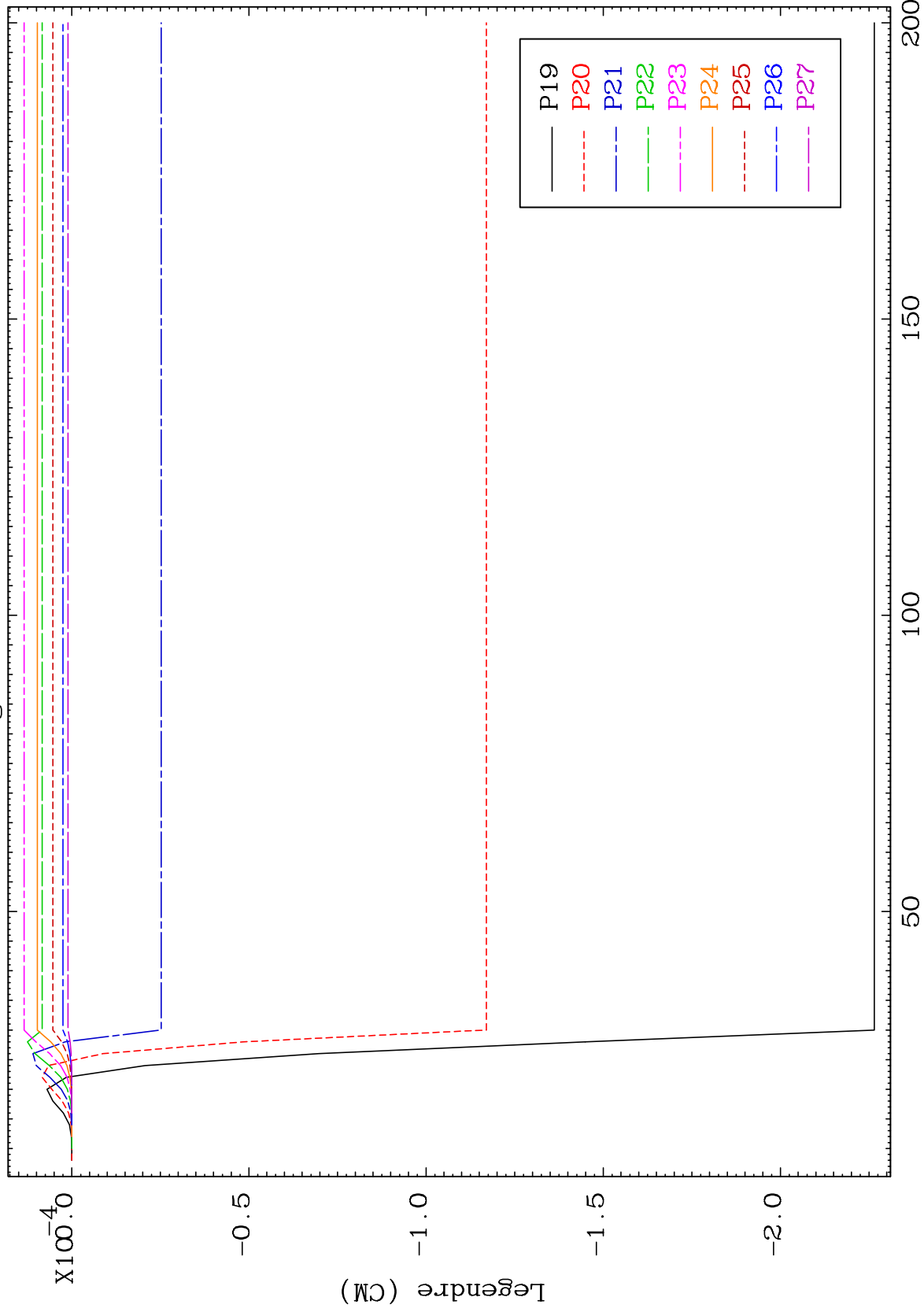
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

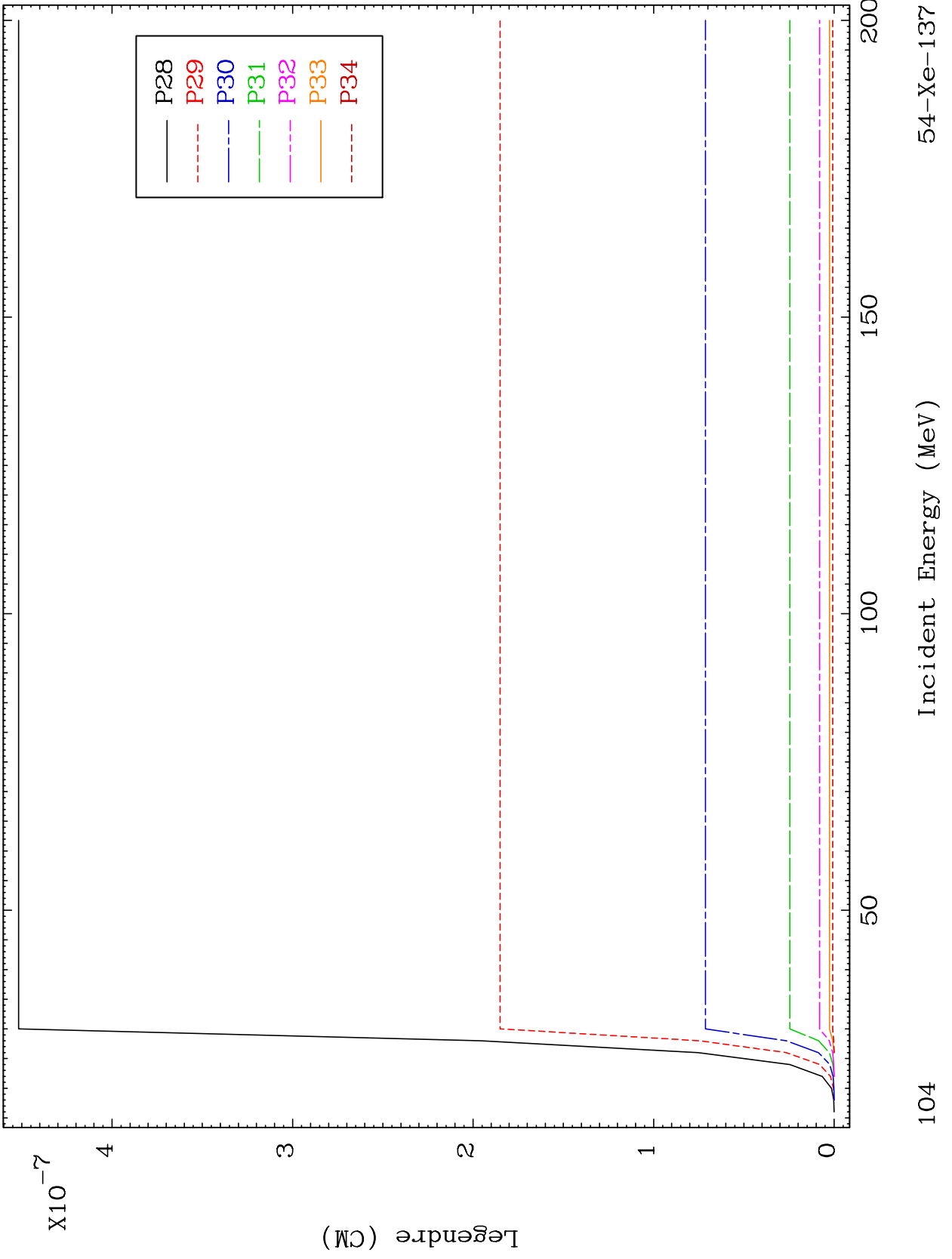
54-Xe-137



MAT 5464

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

54-Xe-137



104

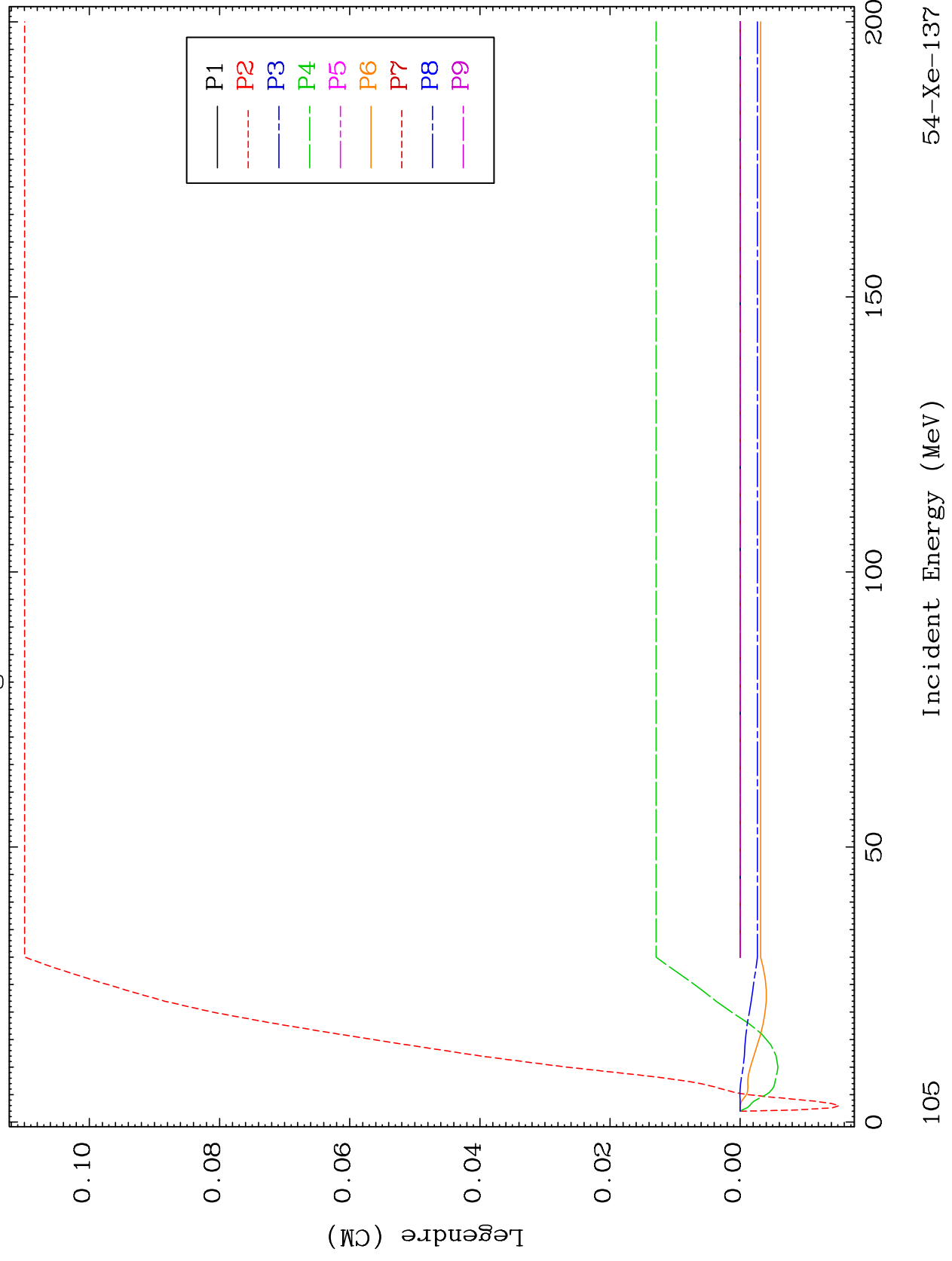
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137

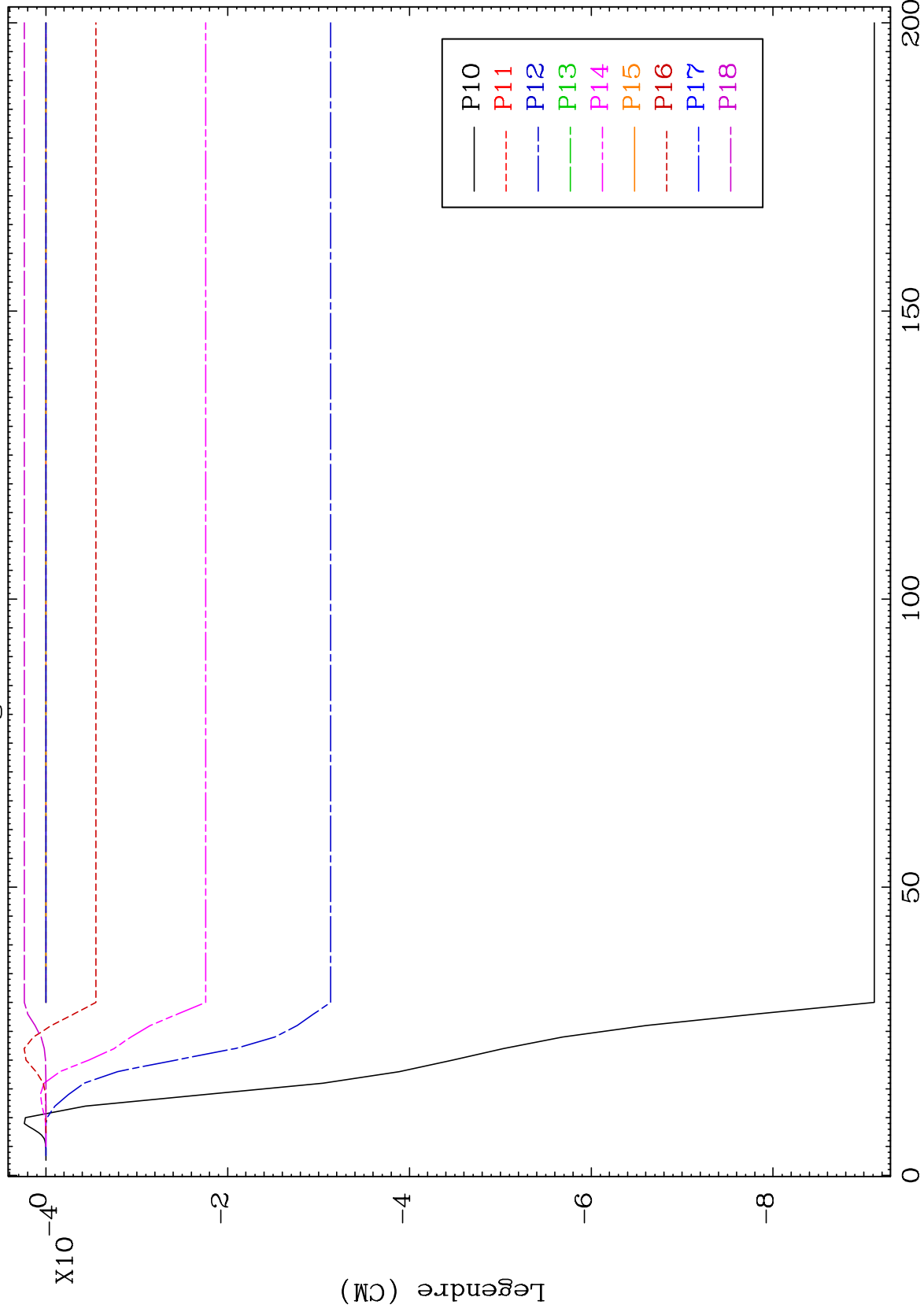


54-Xe-137

MAT 5464

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

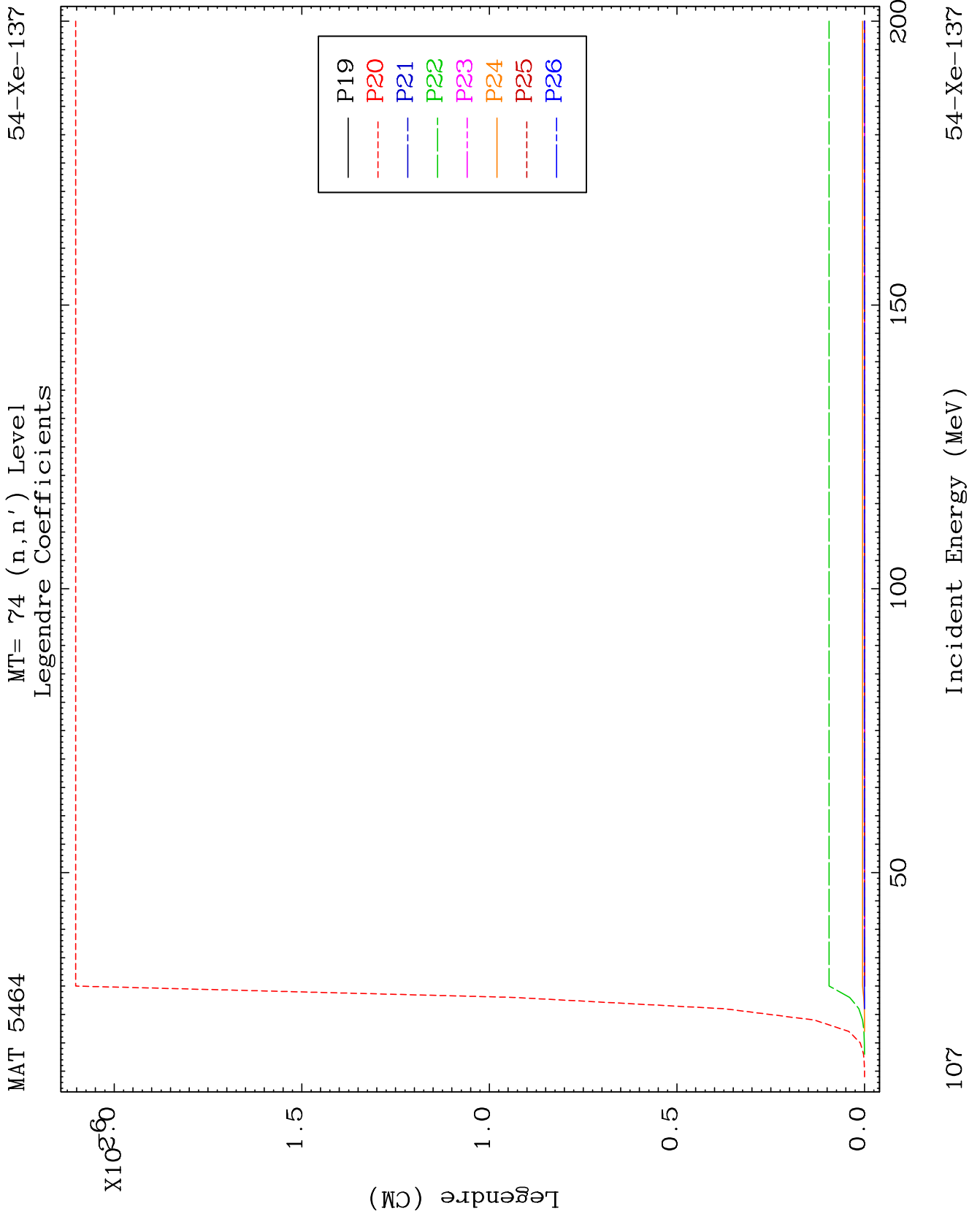
54-Xe-137



106

Incident Energy (MeV)

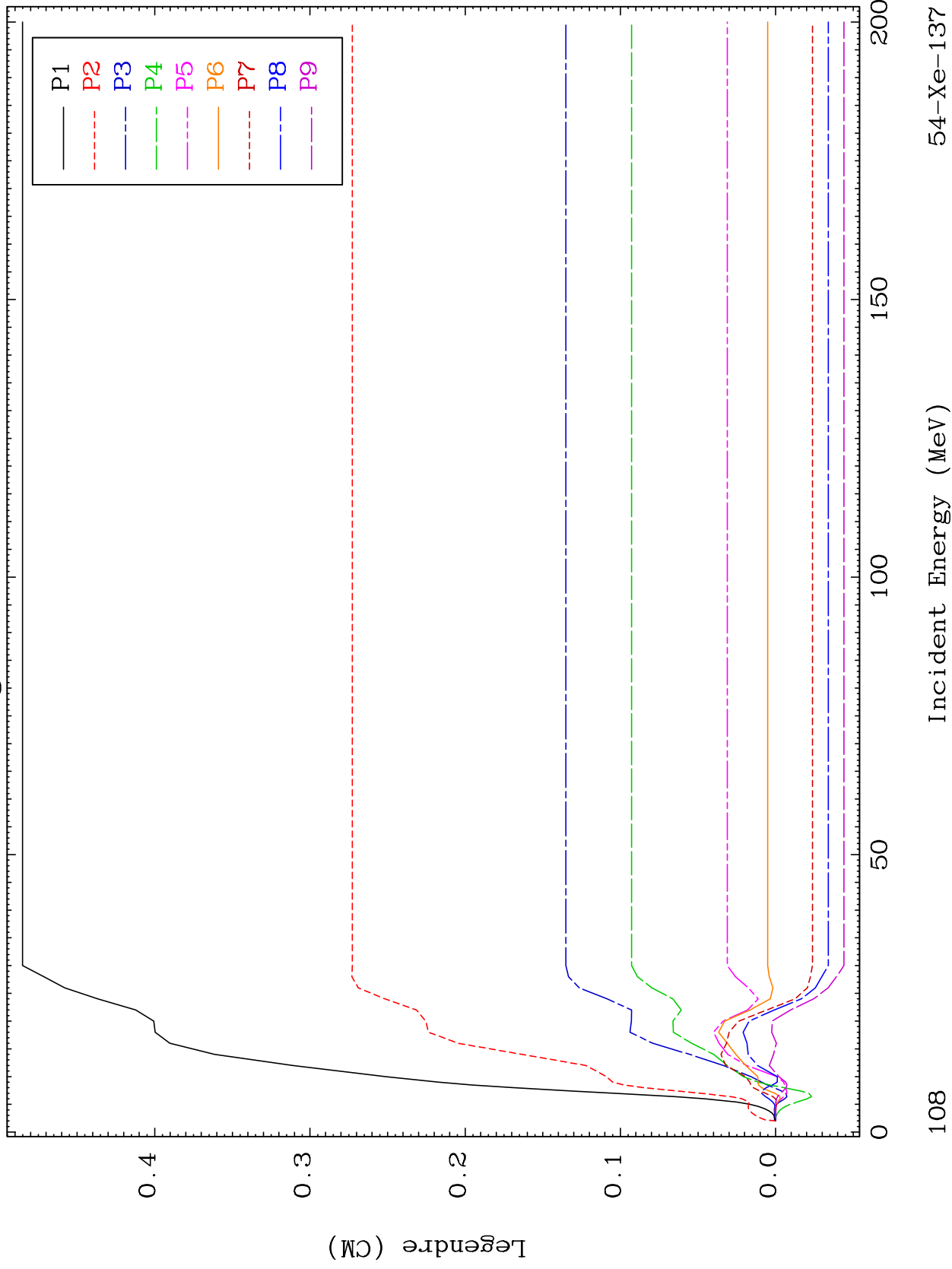
54-Xe-137



MAT 5464

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

54-Xe-137



54-Xe-137

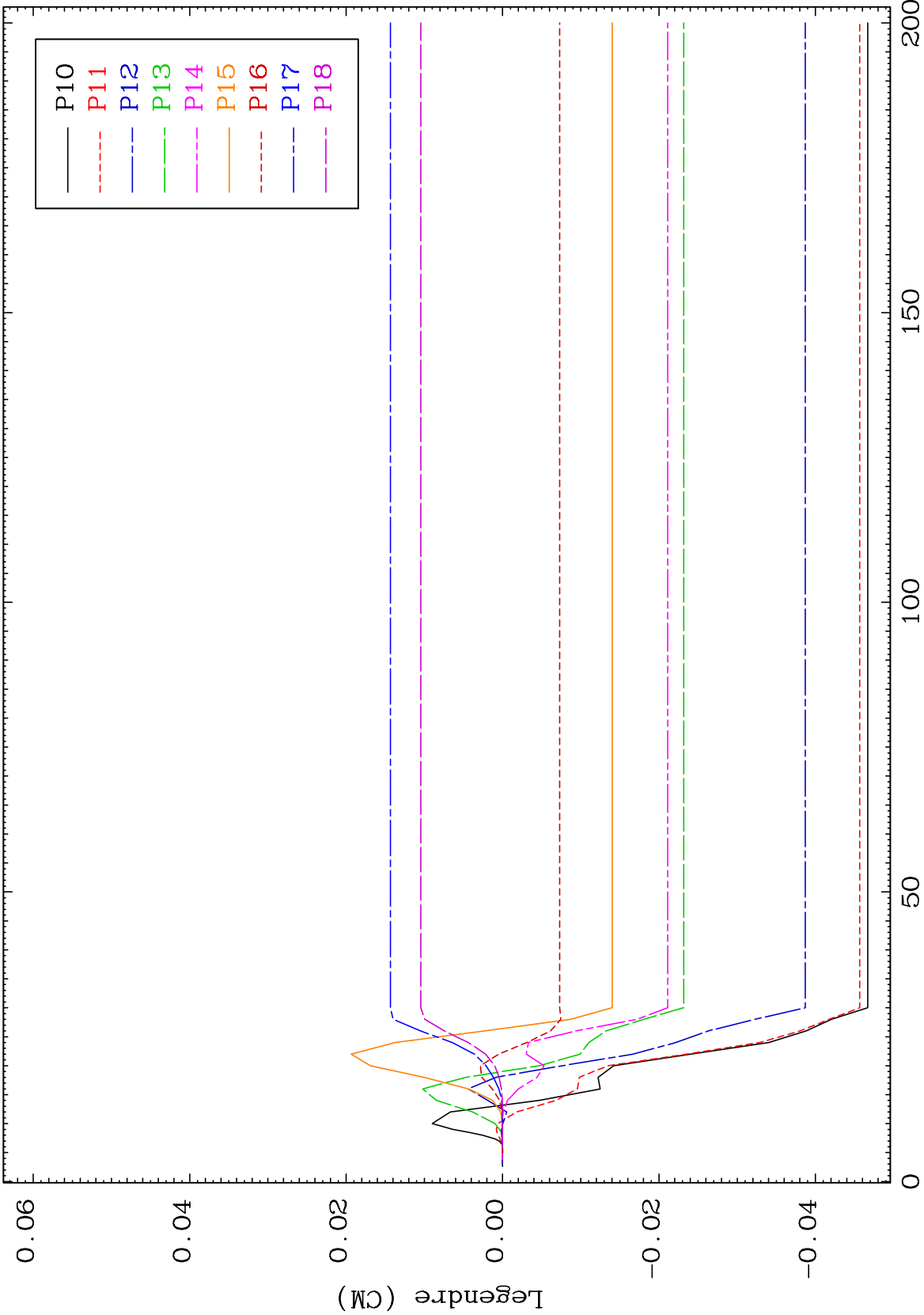
Incident Energy (MeV)

108

MAT 5464

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

54-Xe-137



109

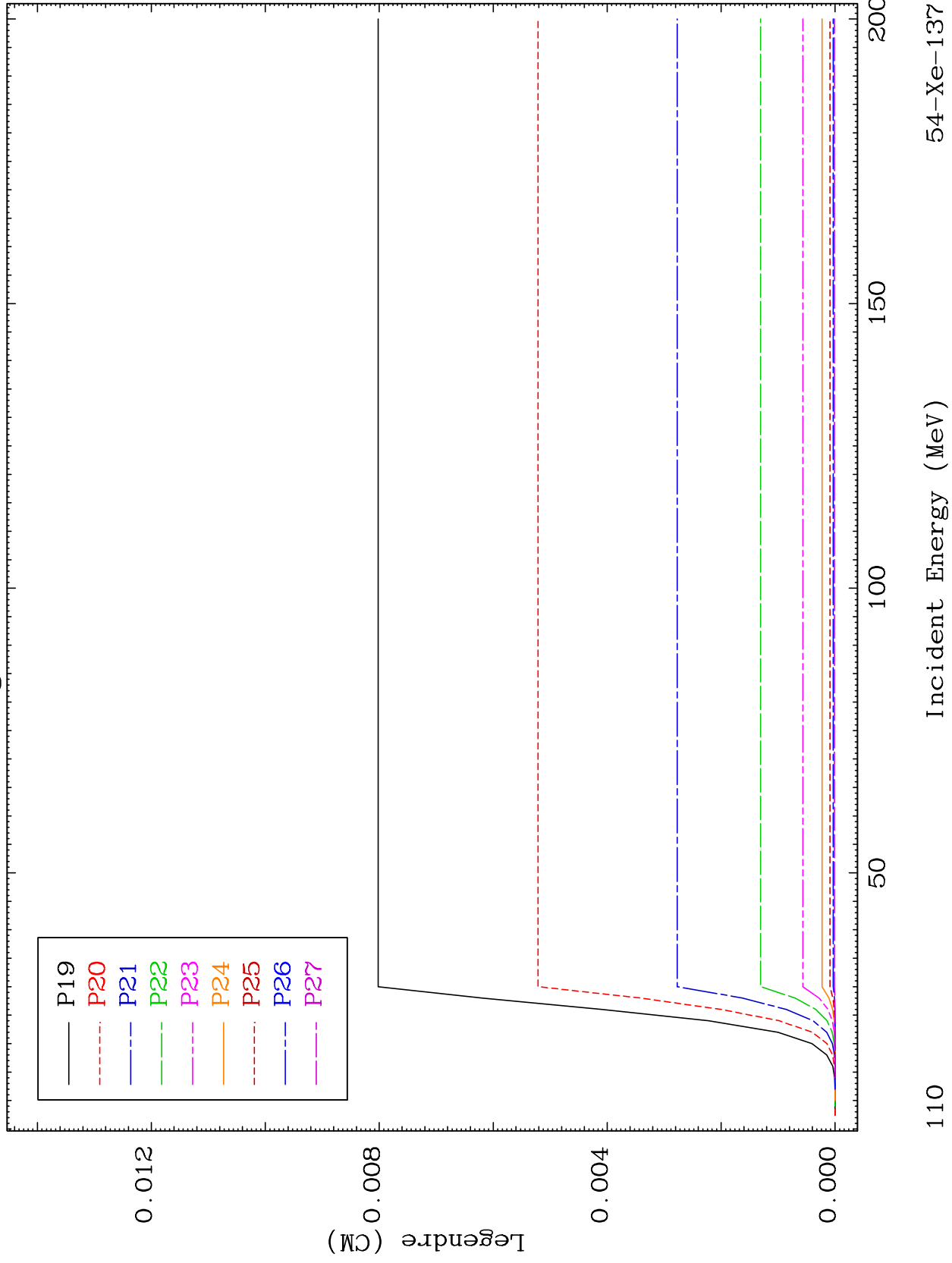
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



110

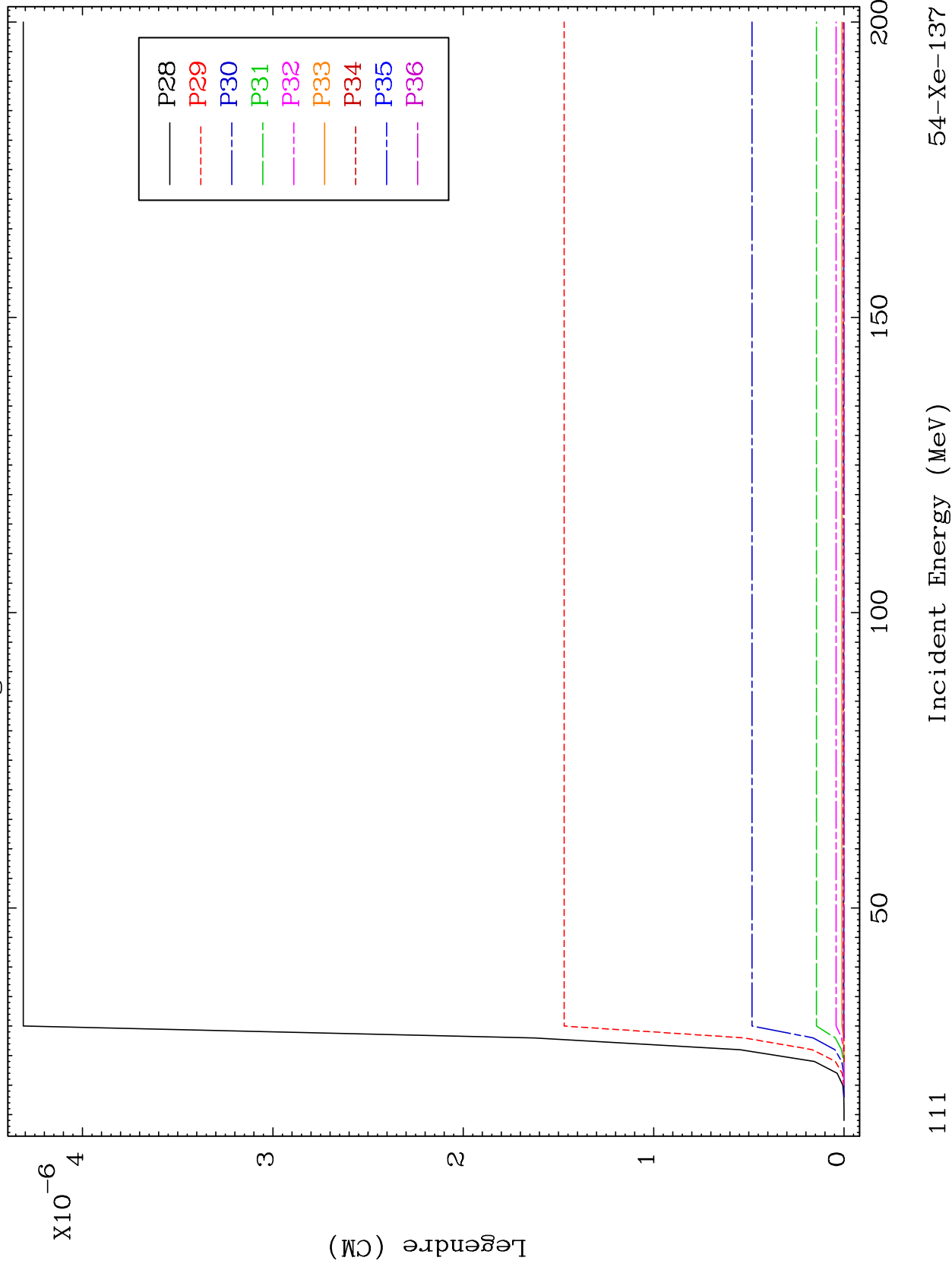
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

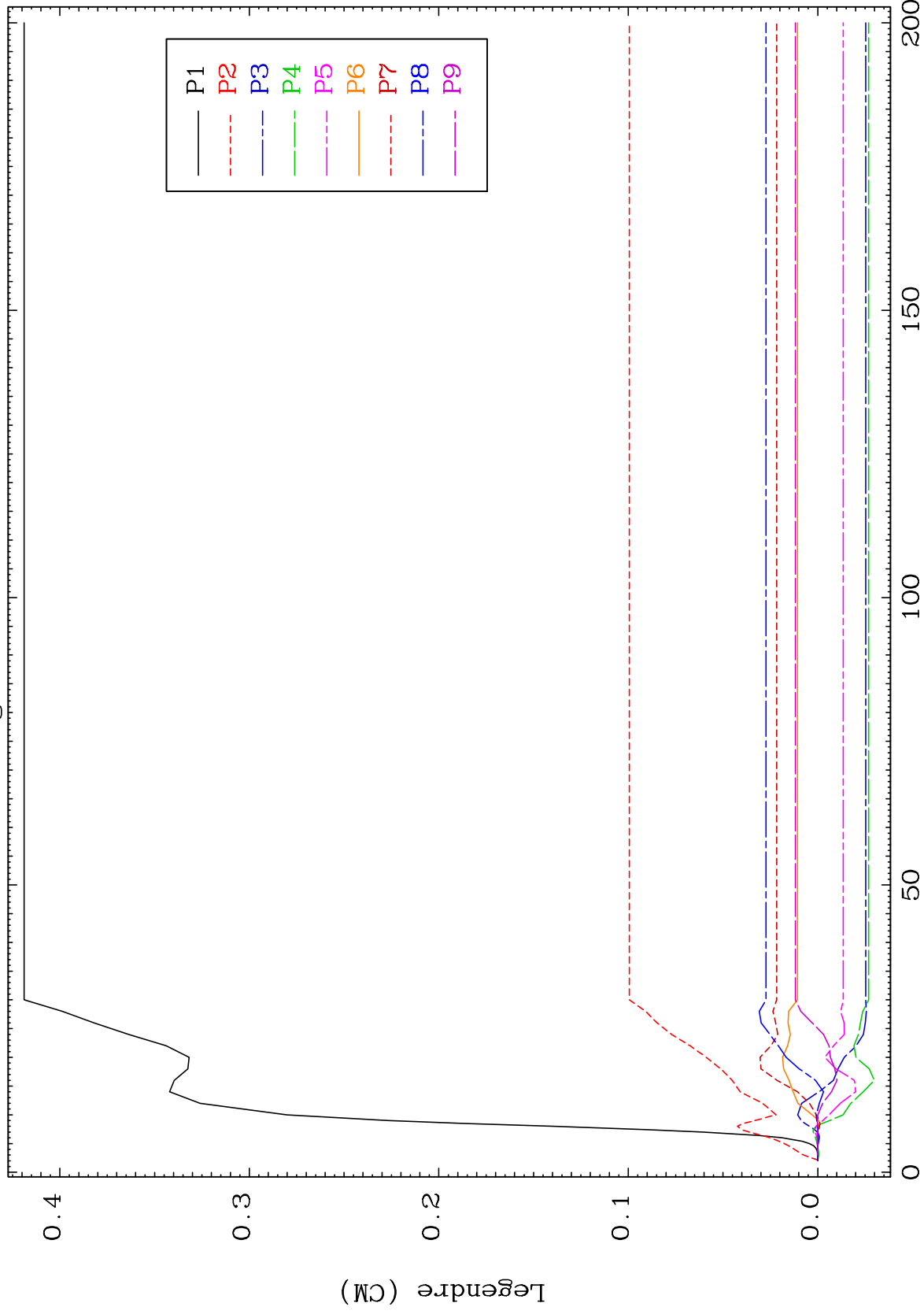
54-Xe-137



MAT 5464

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

54-Xe-137



54-Xe-137

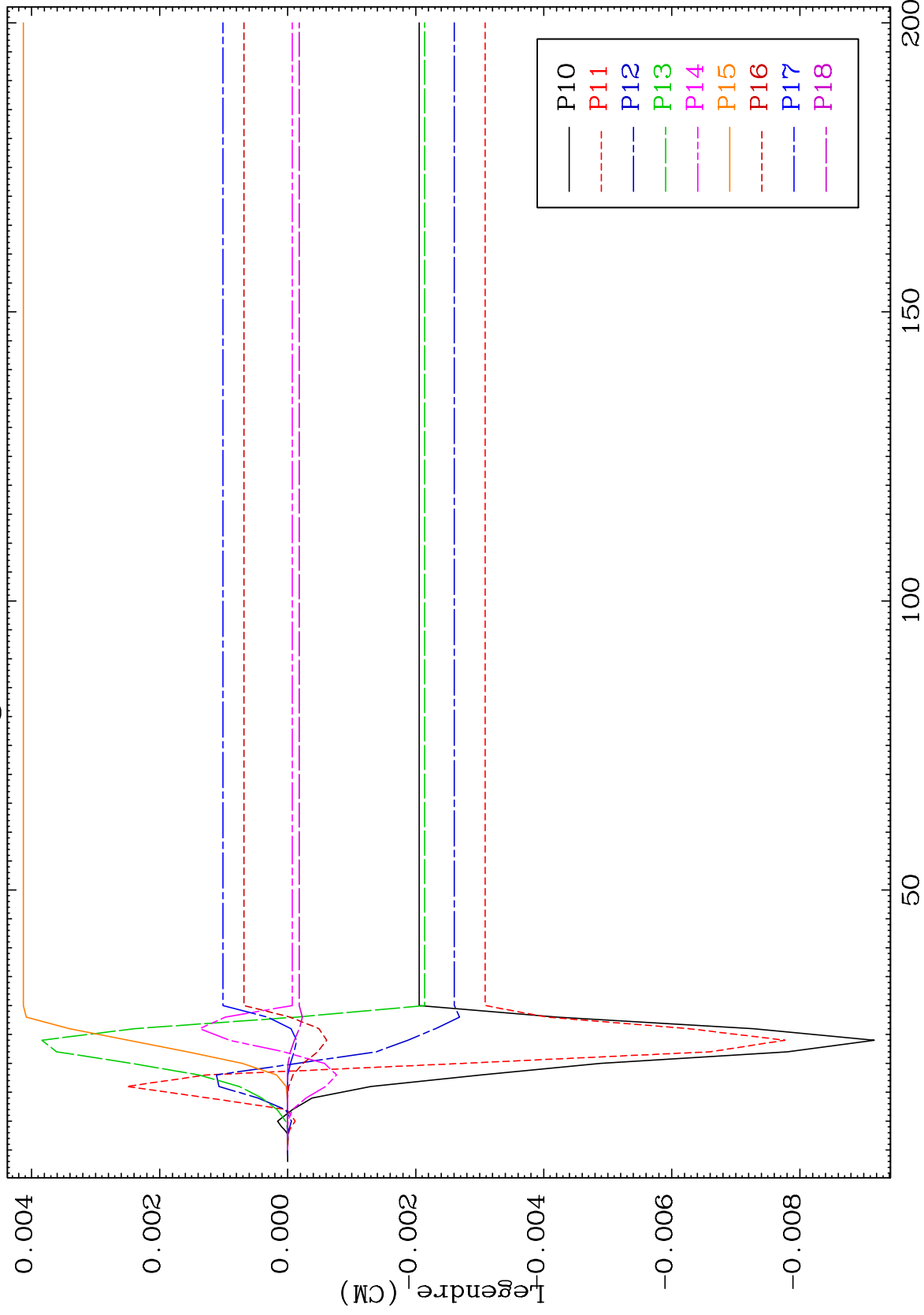
Incident Energy (MeV)

112

MAT 5464

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

54-Xe-137



113

Incident Energy (MeV)

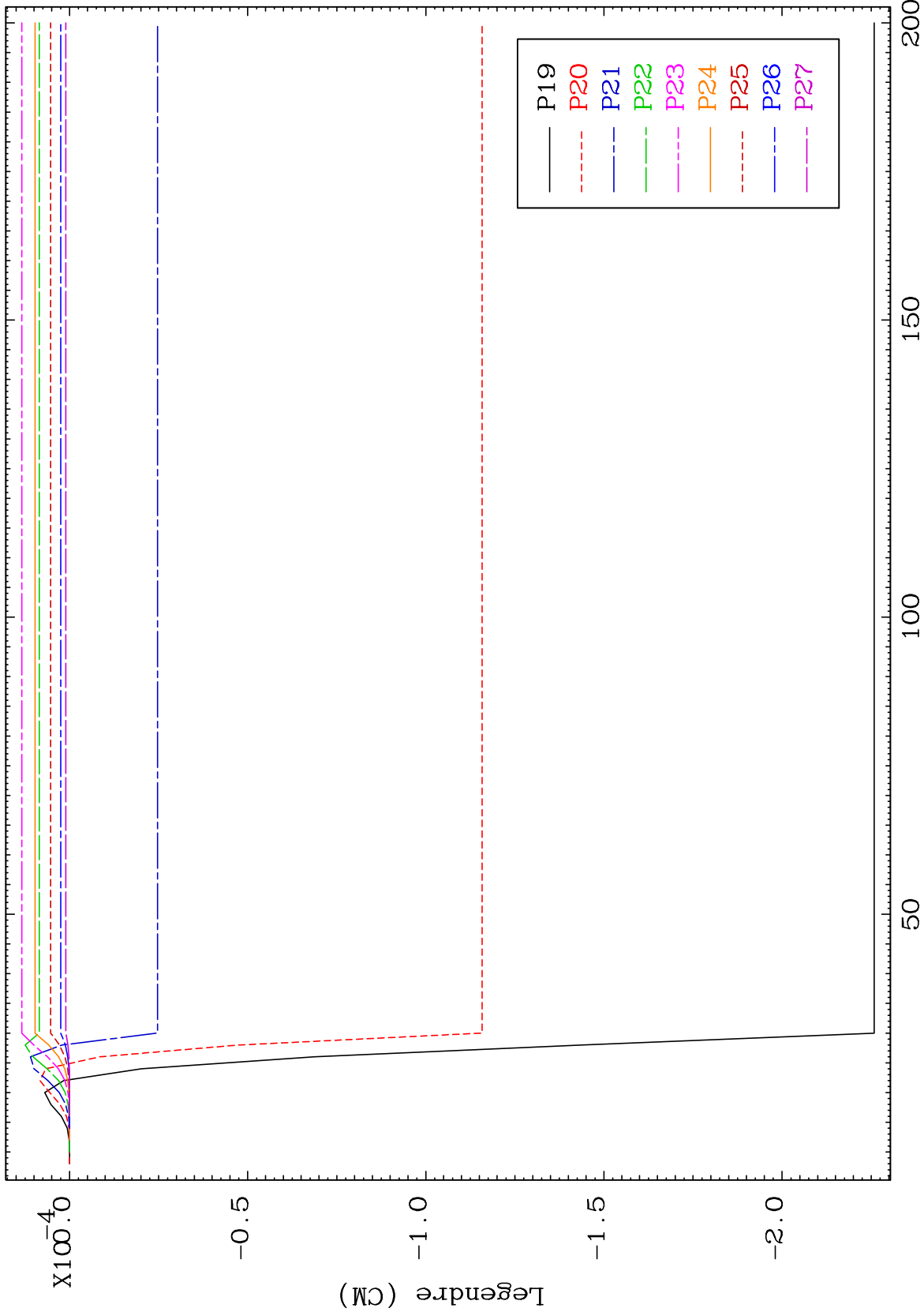
54-Xe-137

MAT 5464

MT= 76 (n,n') Level

54-Xe-137

Legendre Coefficients



114

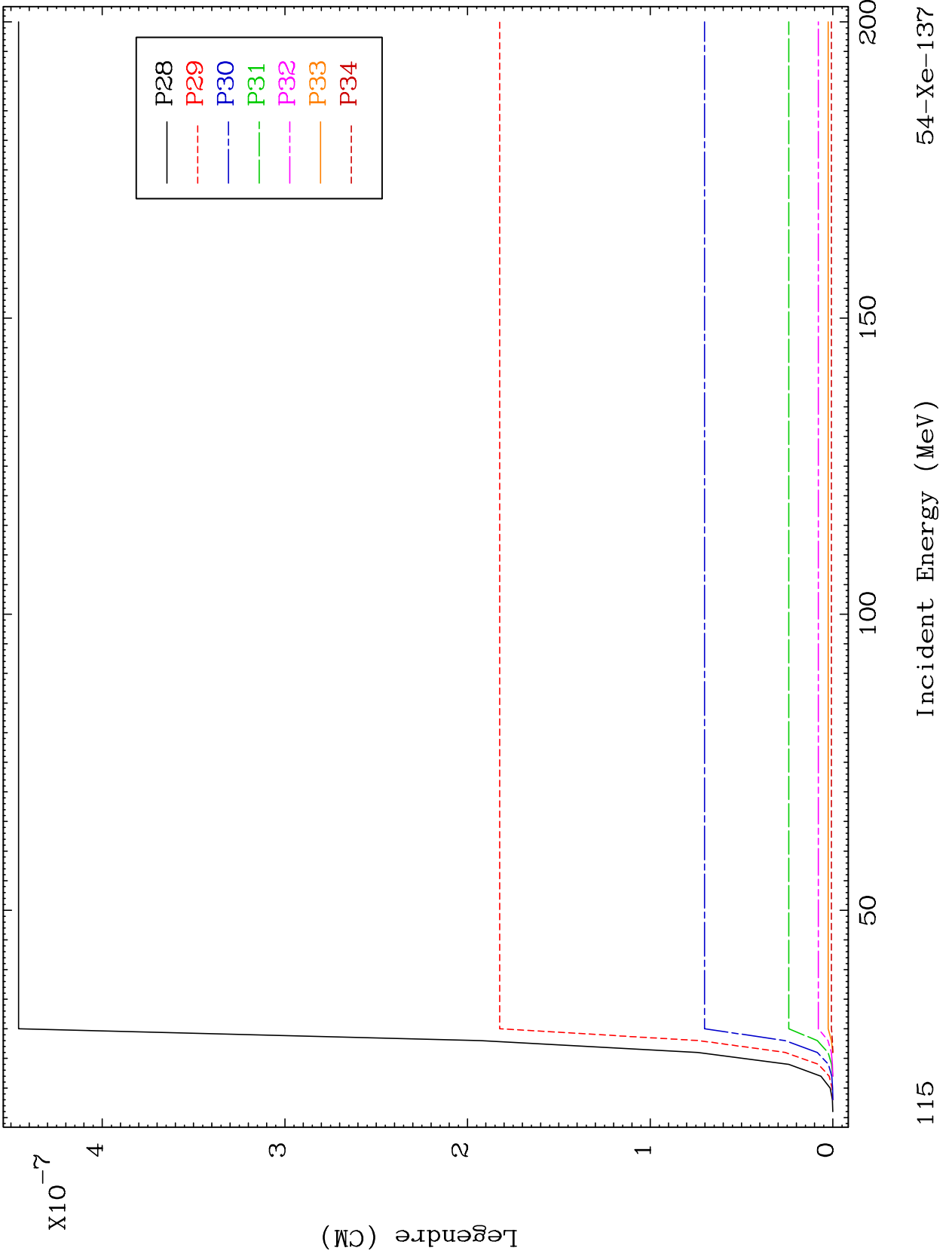
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

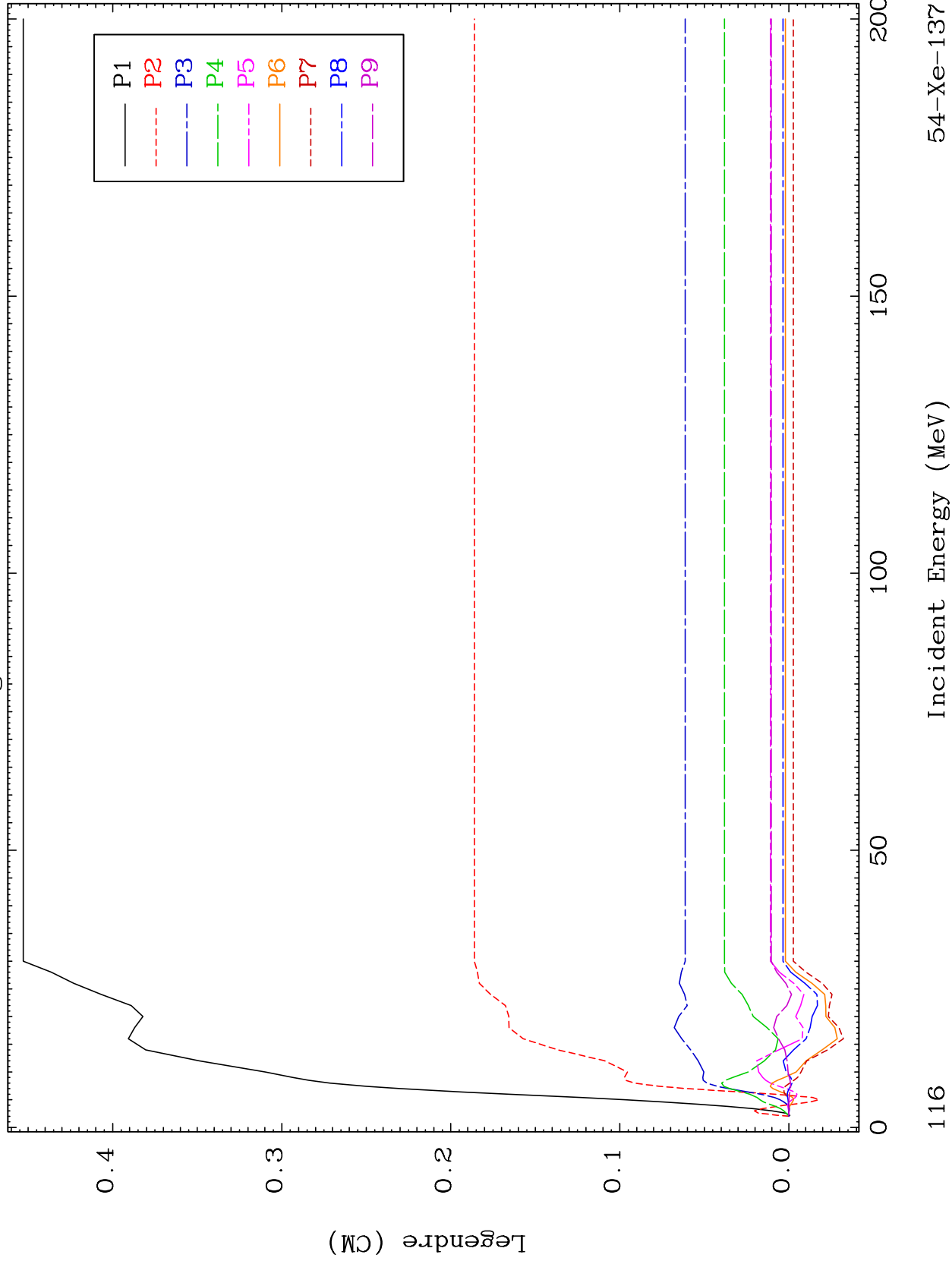
54-Xe-137



MAT 5464

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

54-Xe-137



54-Xe-137

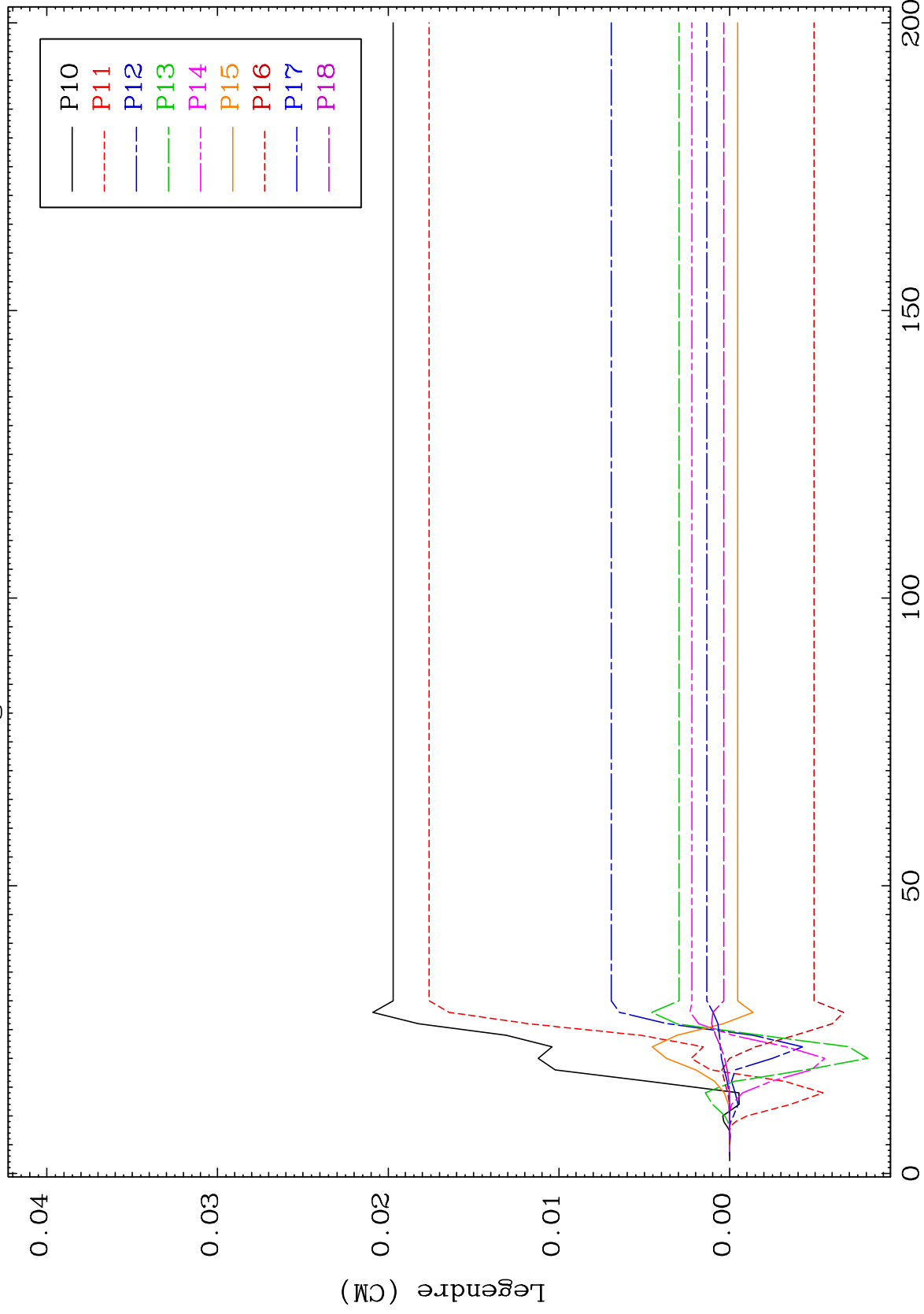
Incident Energy (MeV)

116

MAT 5464

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

54-Xe-137



117

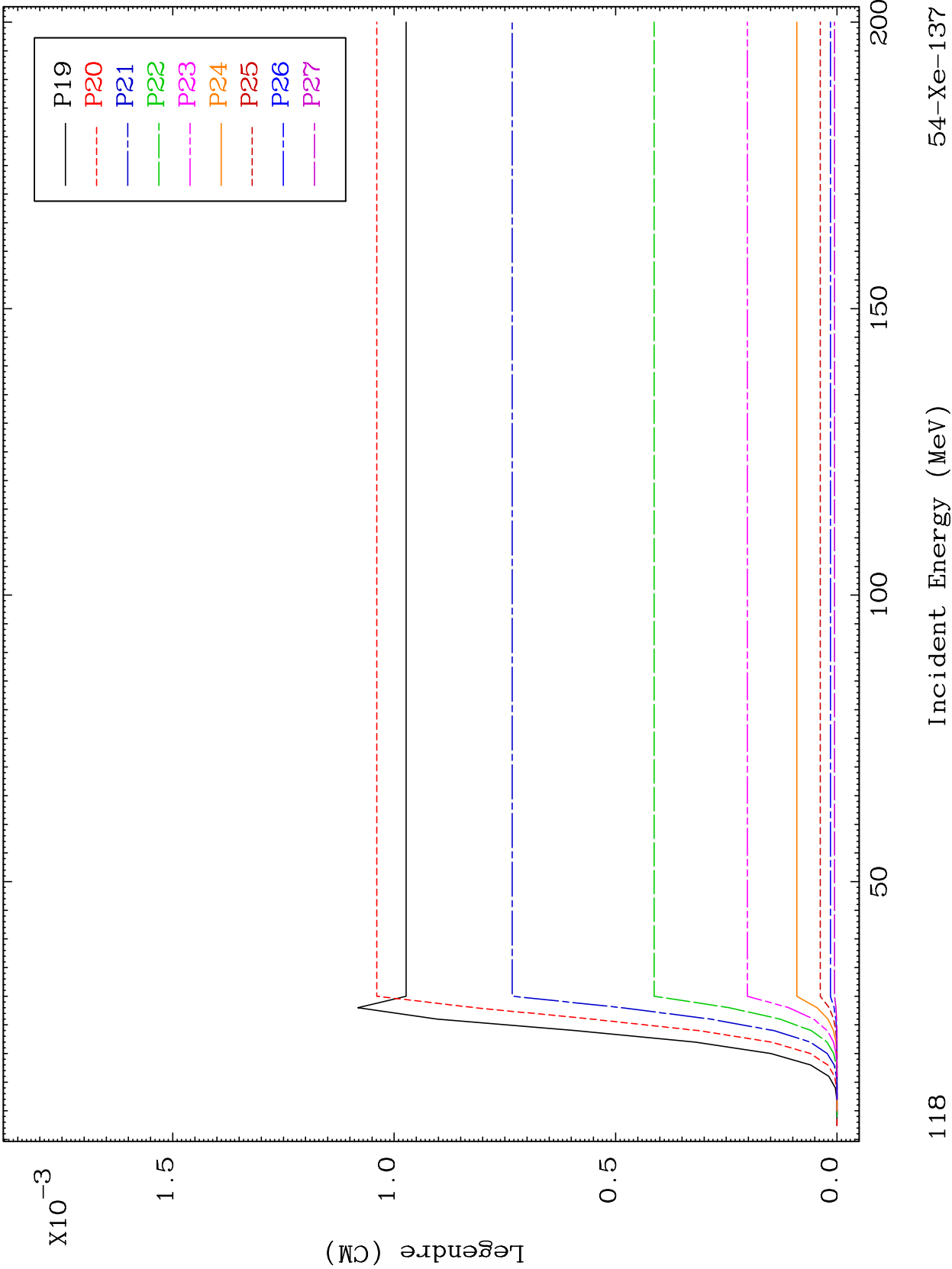
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



118

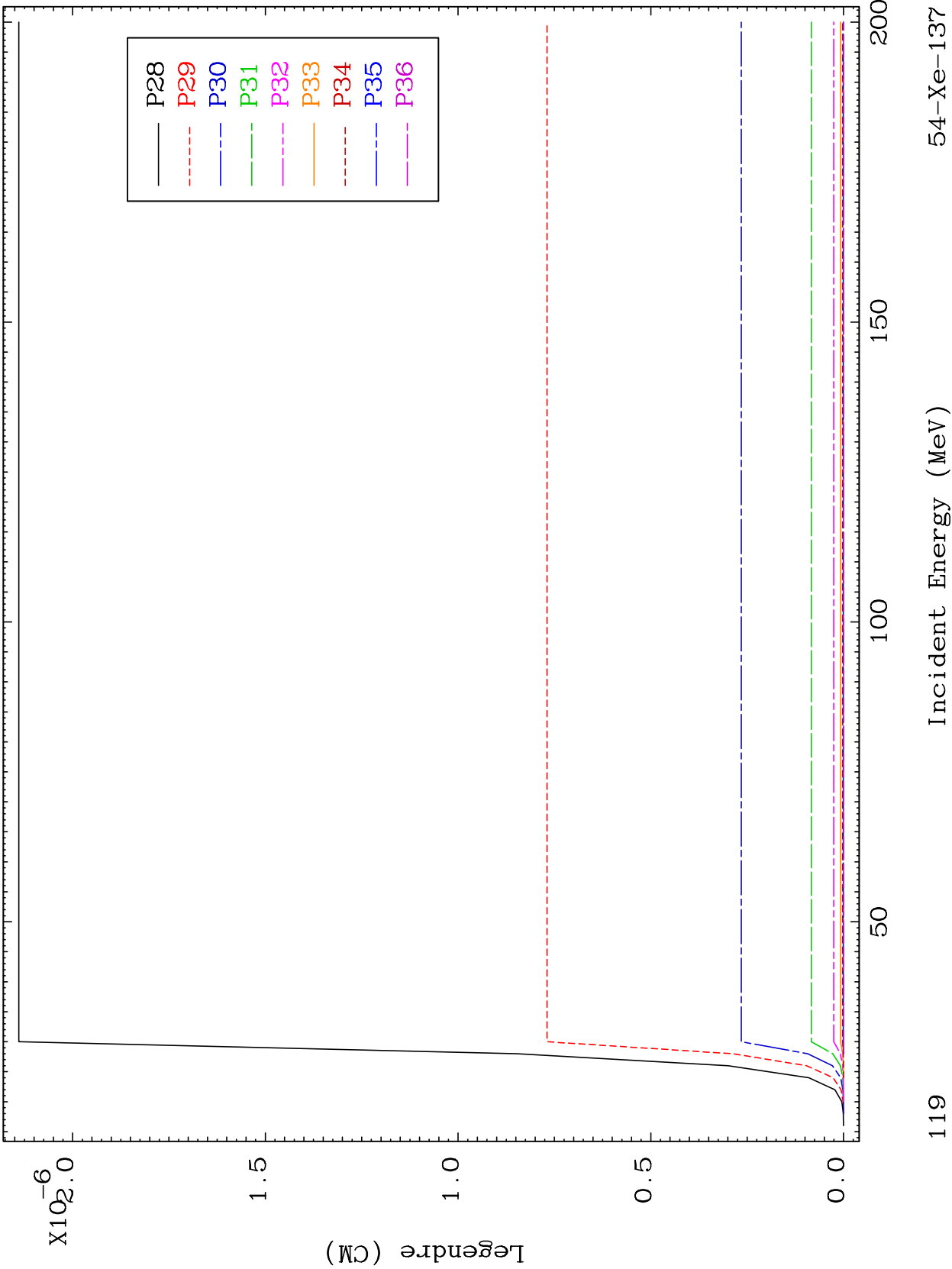
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



119

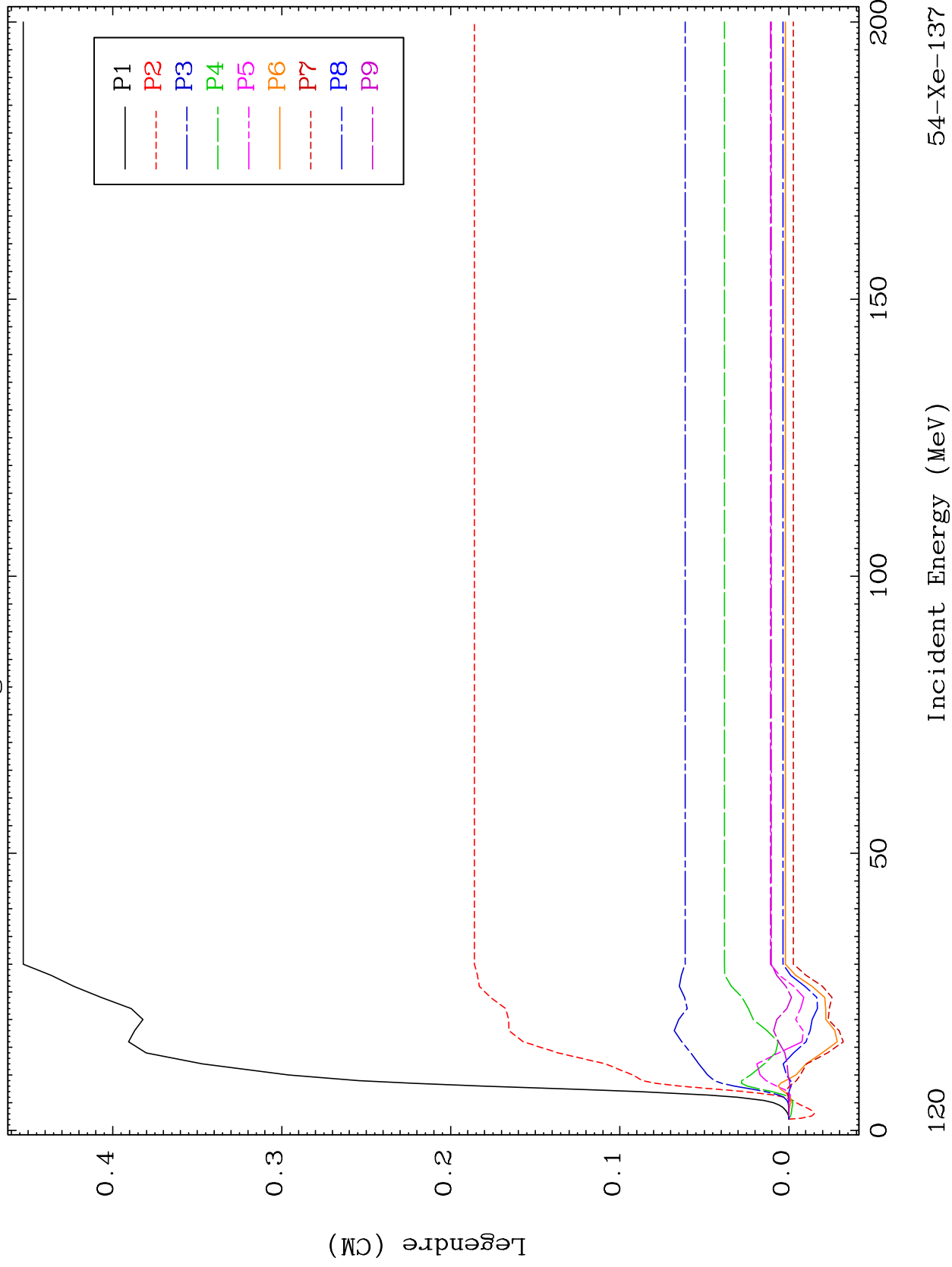
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



54-Xe-137

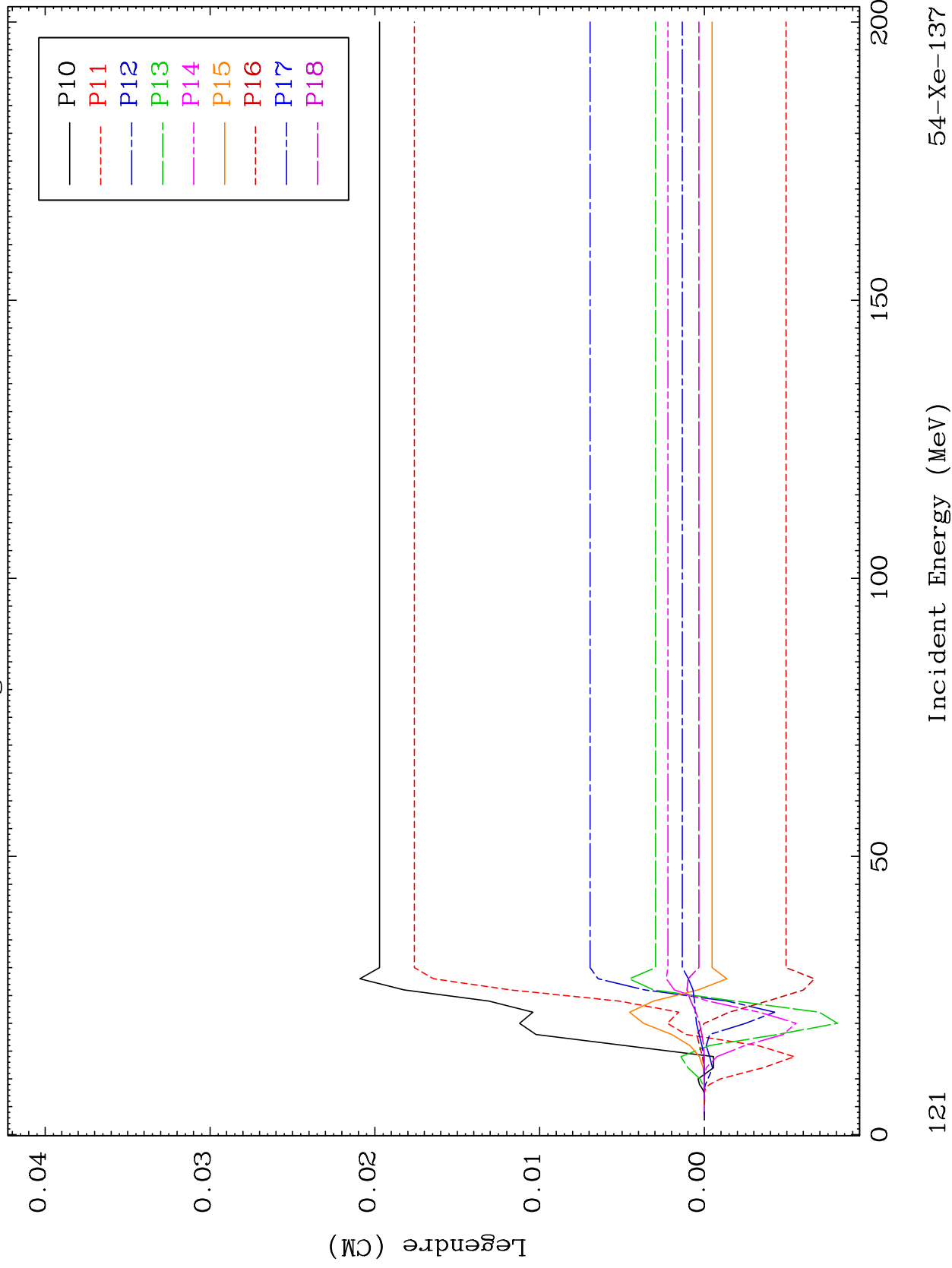
Incident Energy (MeV)

Legendre (CM)

MAT 5464

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

54-Xe-137



54-Xe-137

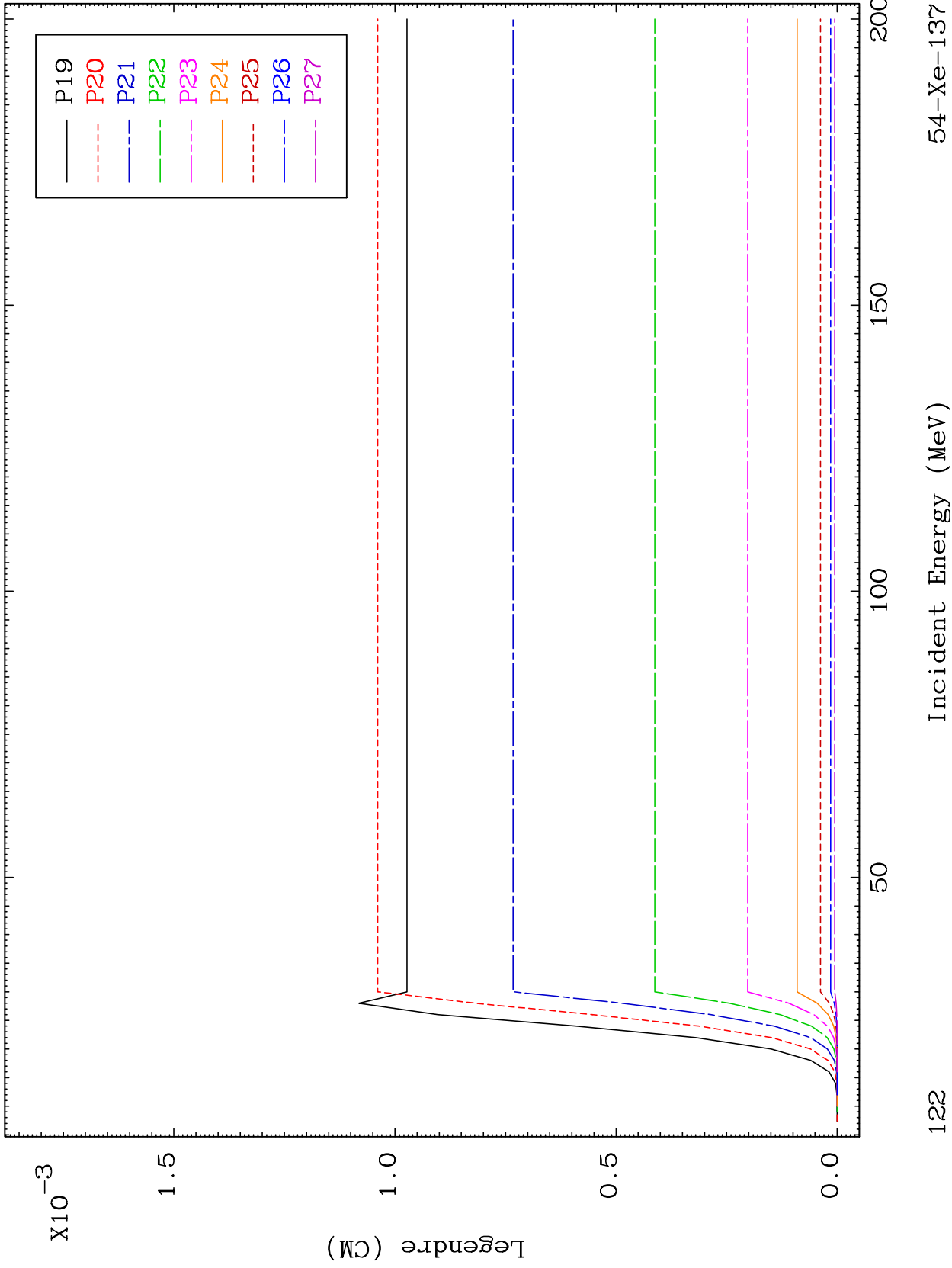
Incident Energy (MeV)

121

MAT 5464

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

54-Xe-137



122

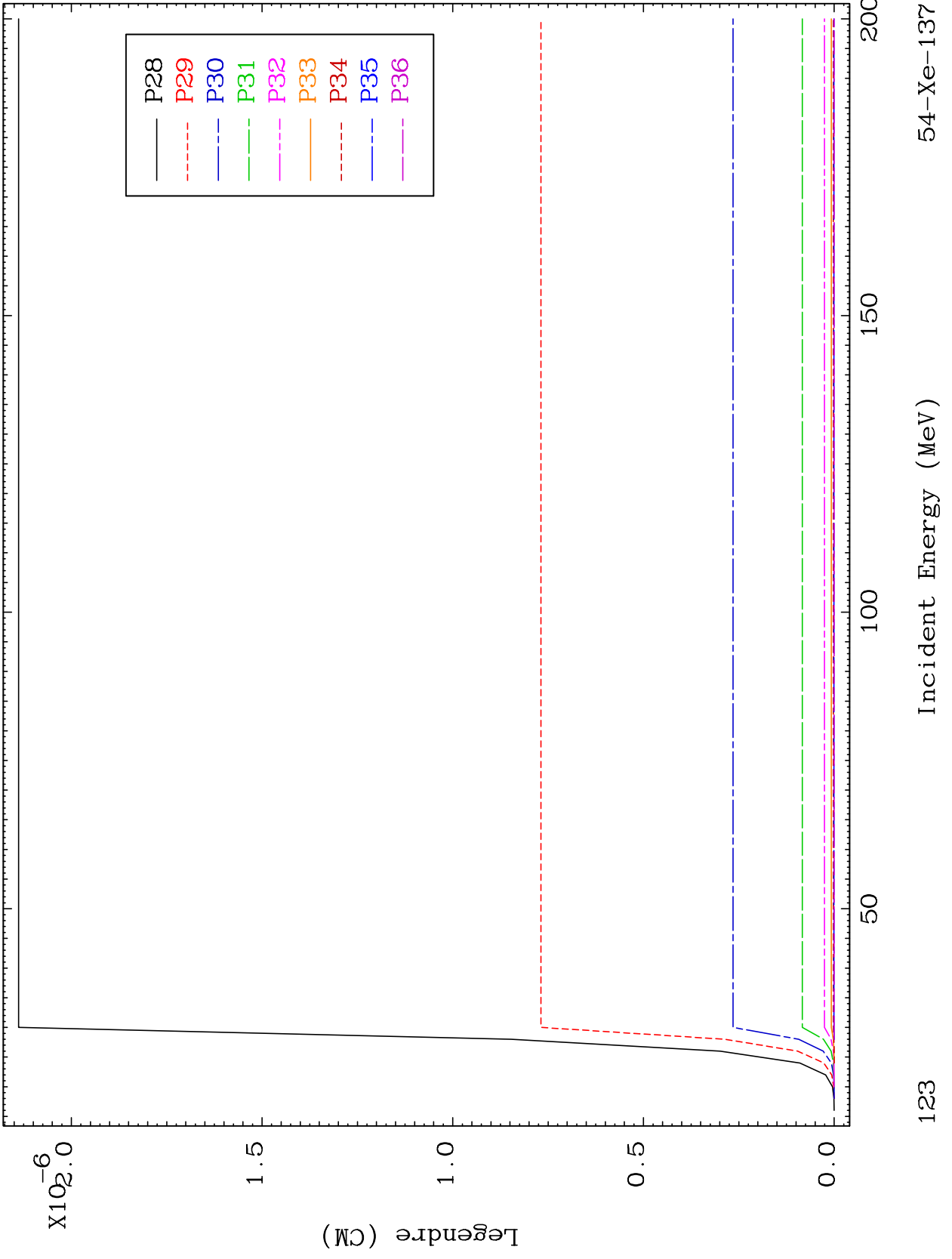
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137

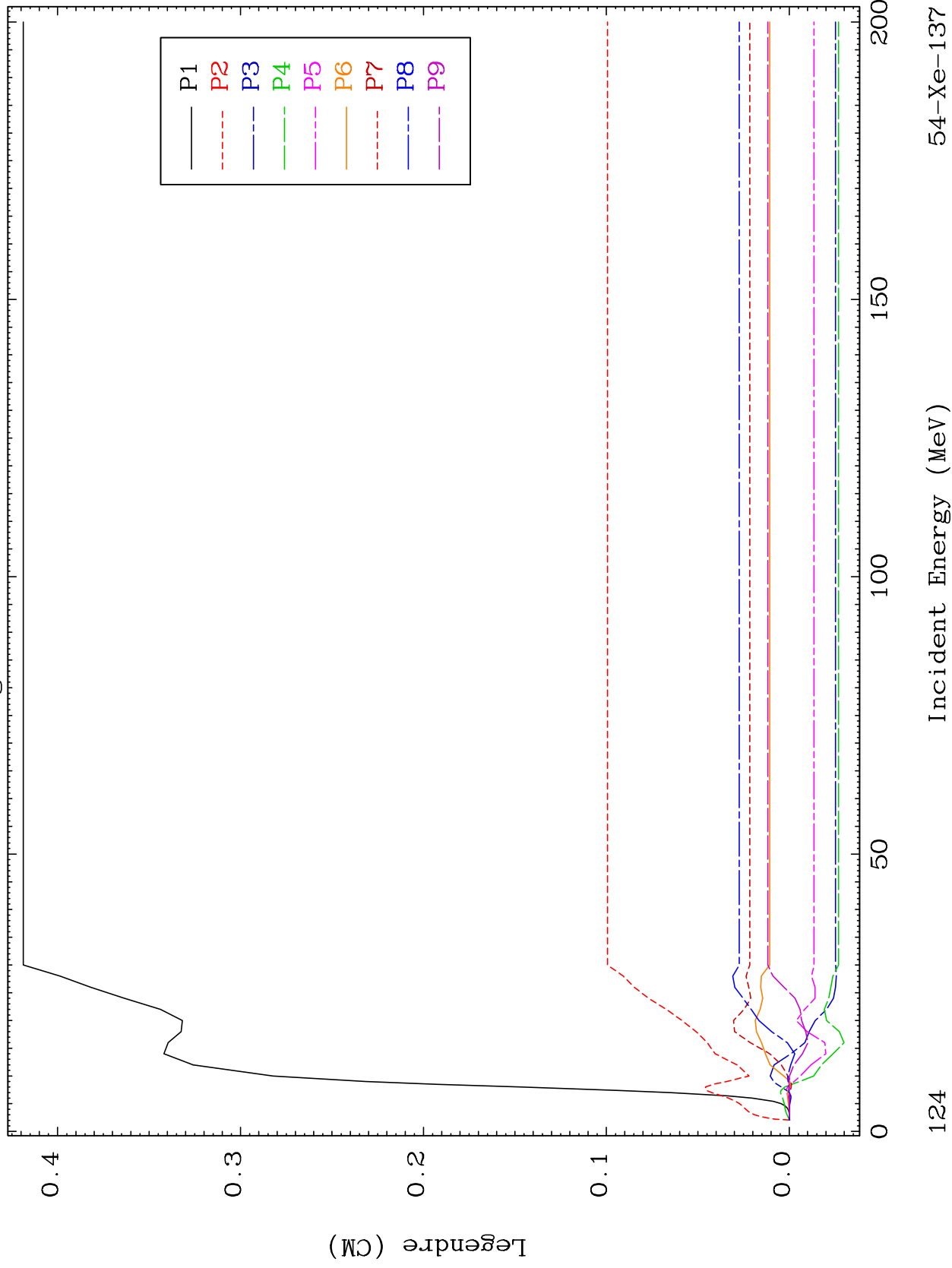


123

MAT 5464

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

54-Xe-137



54-Xe-137

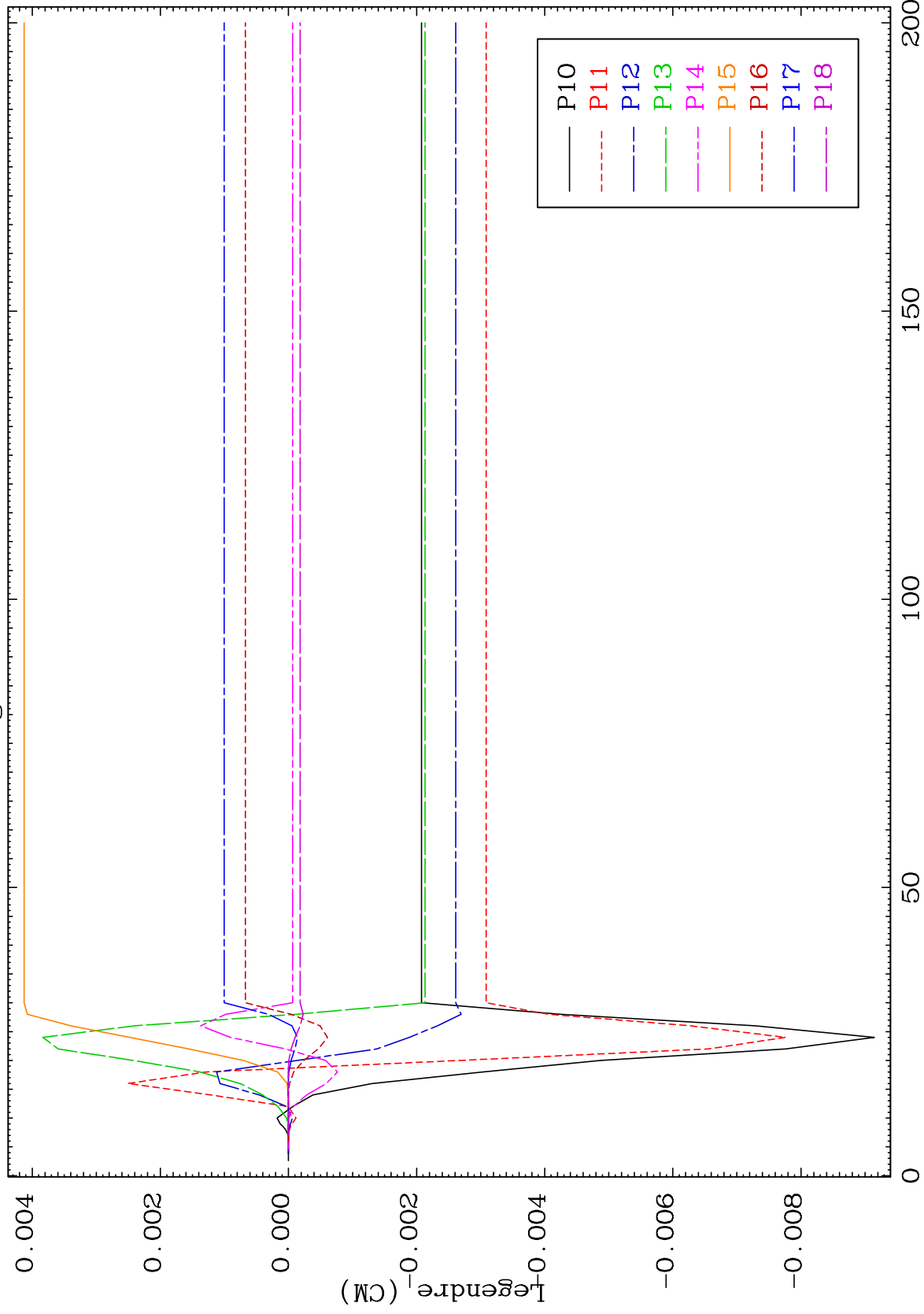
Incident Energy (MeV)

124

MAT 5464

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

54-Xe-137



125

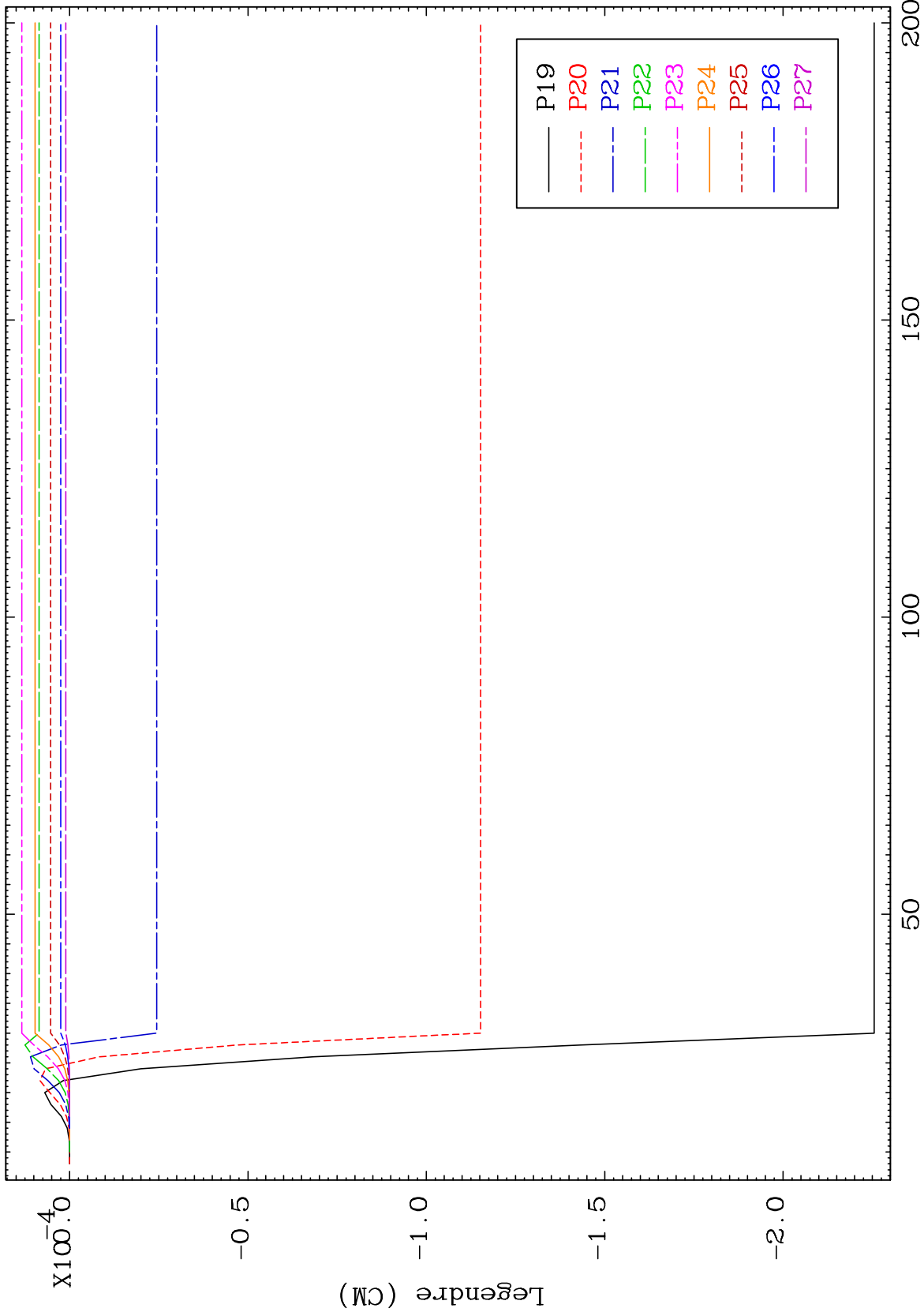
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



126

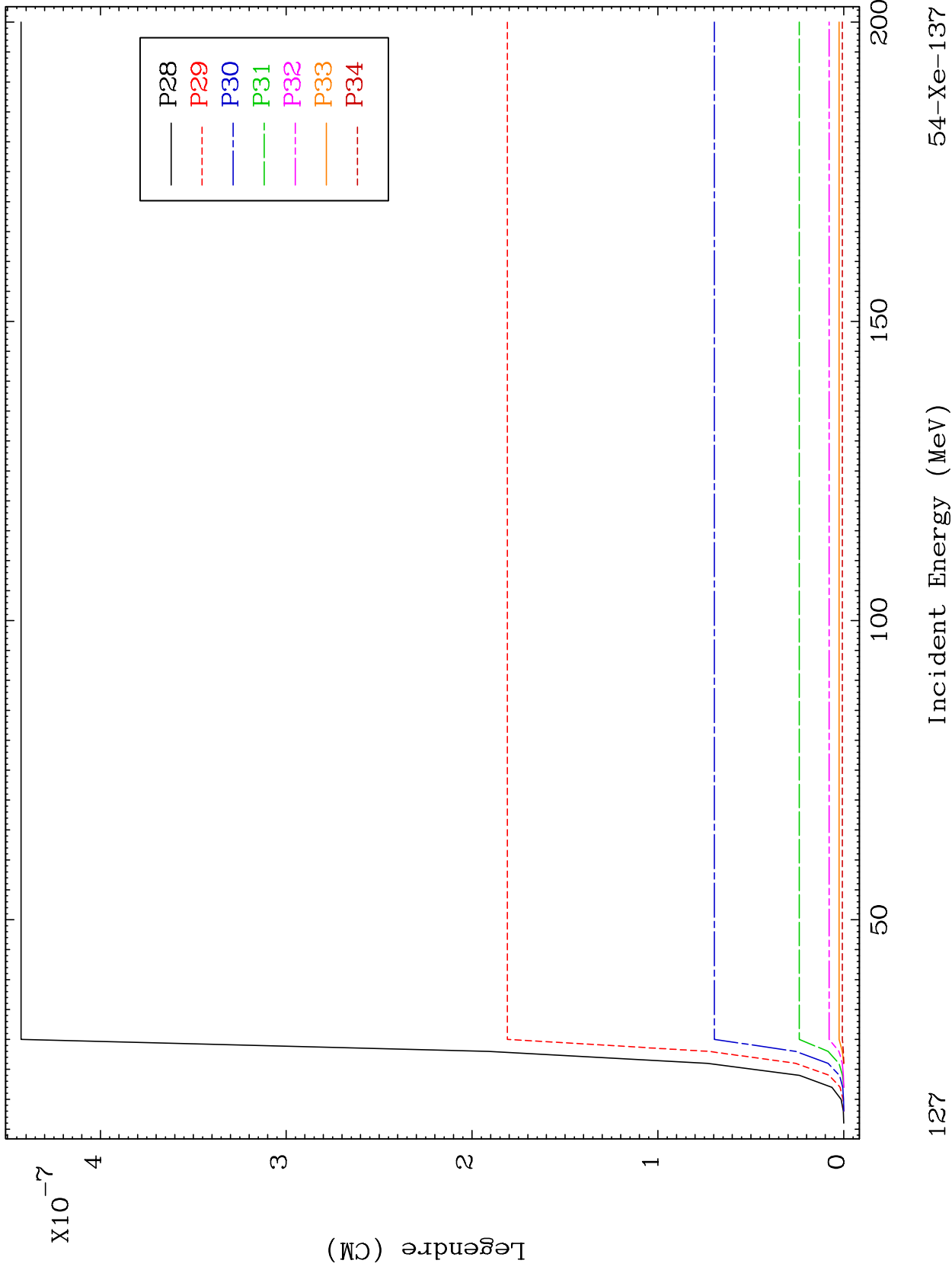
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

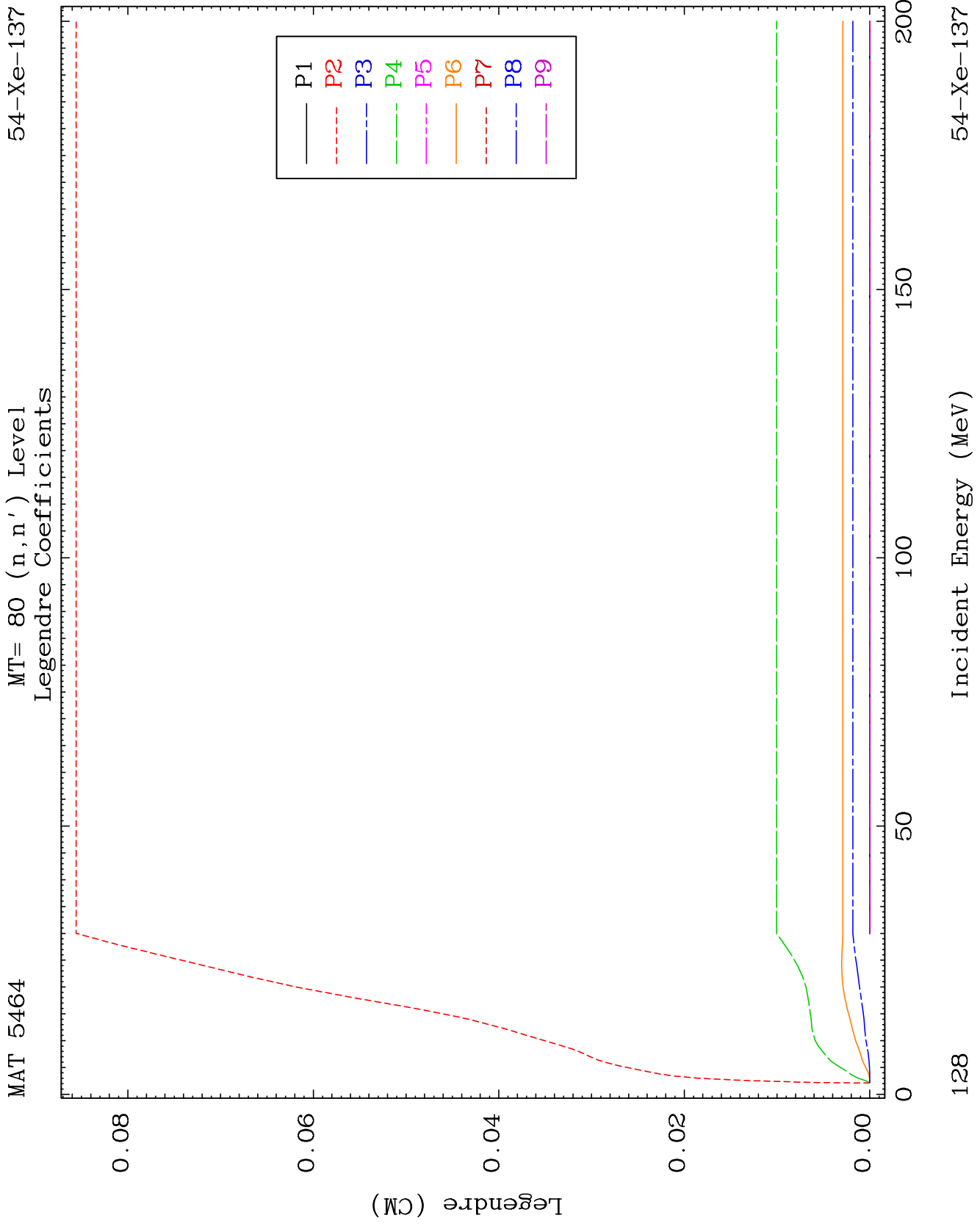
54-Xe-137



127

Incident Energy (MeV)

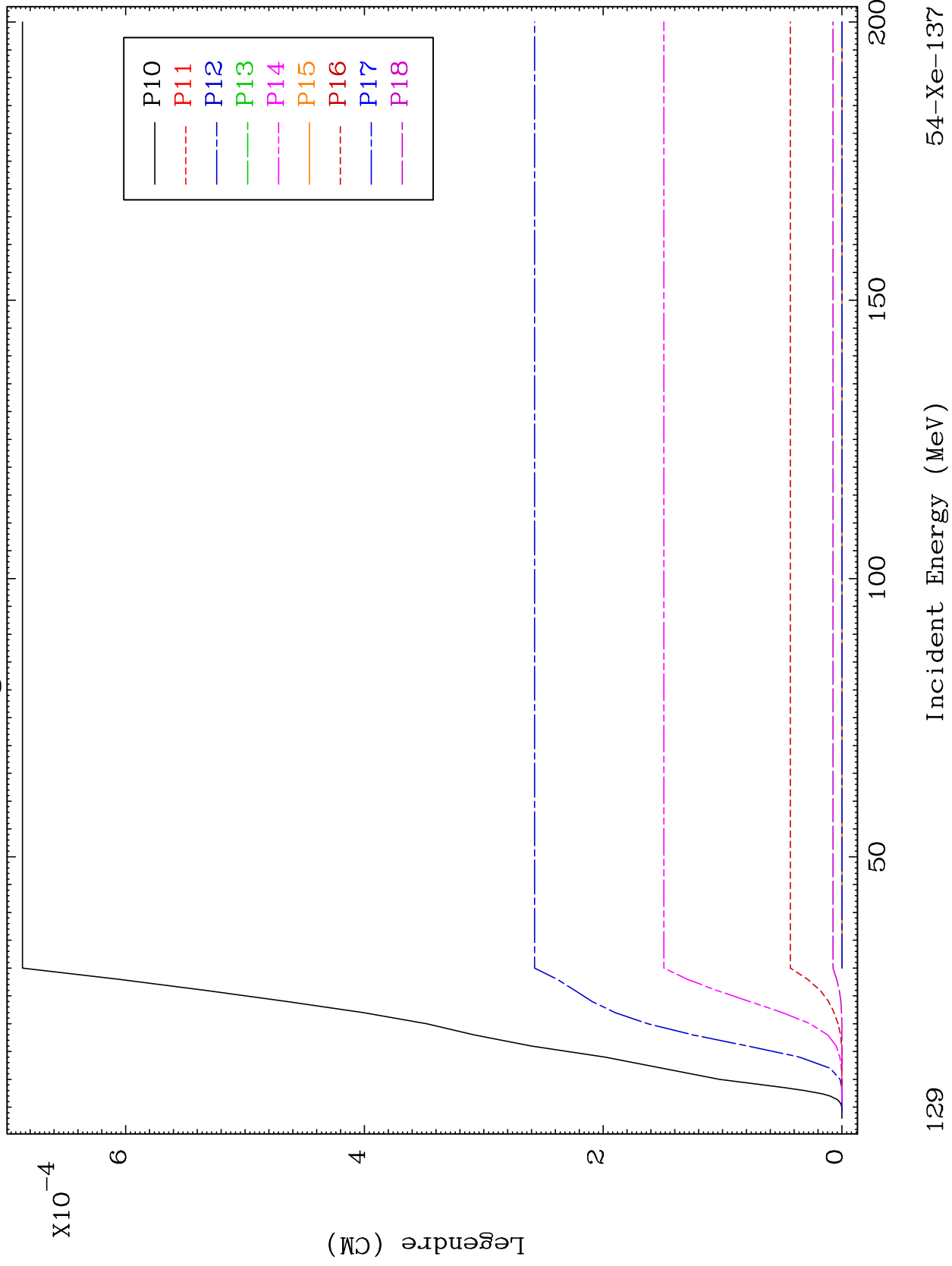
54-Xe-137



MAT 5464

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

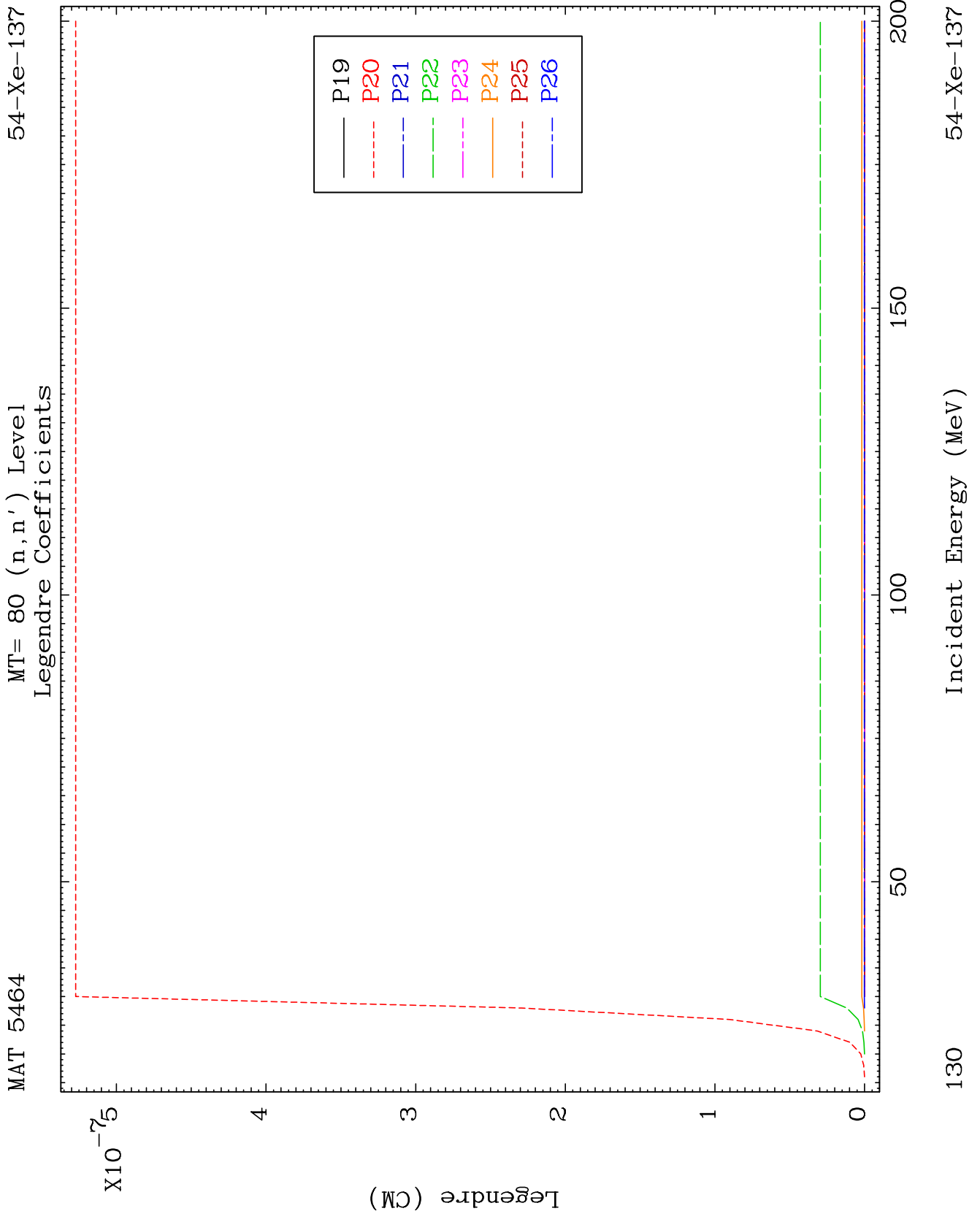
54-Xe-137



54-Xe-137

Incident Energy (MeV)

129

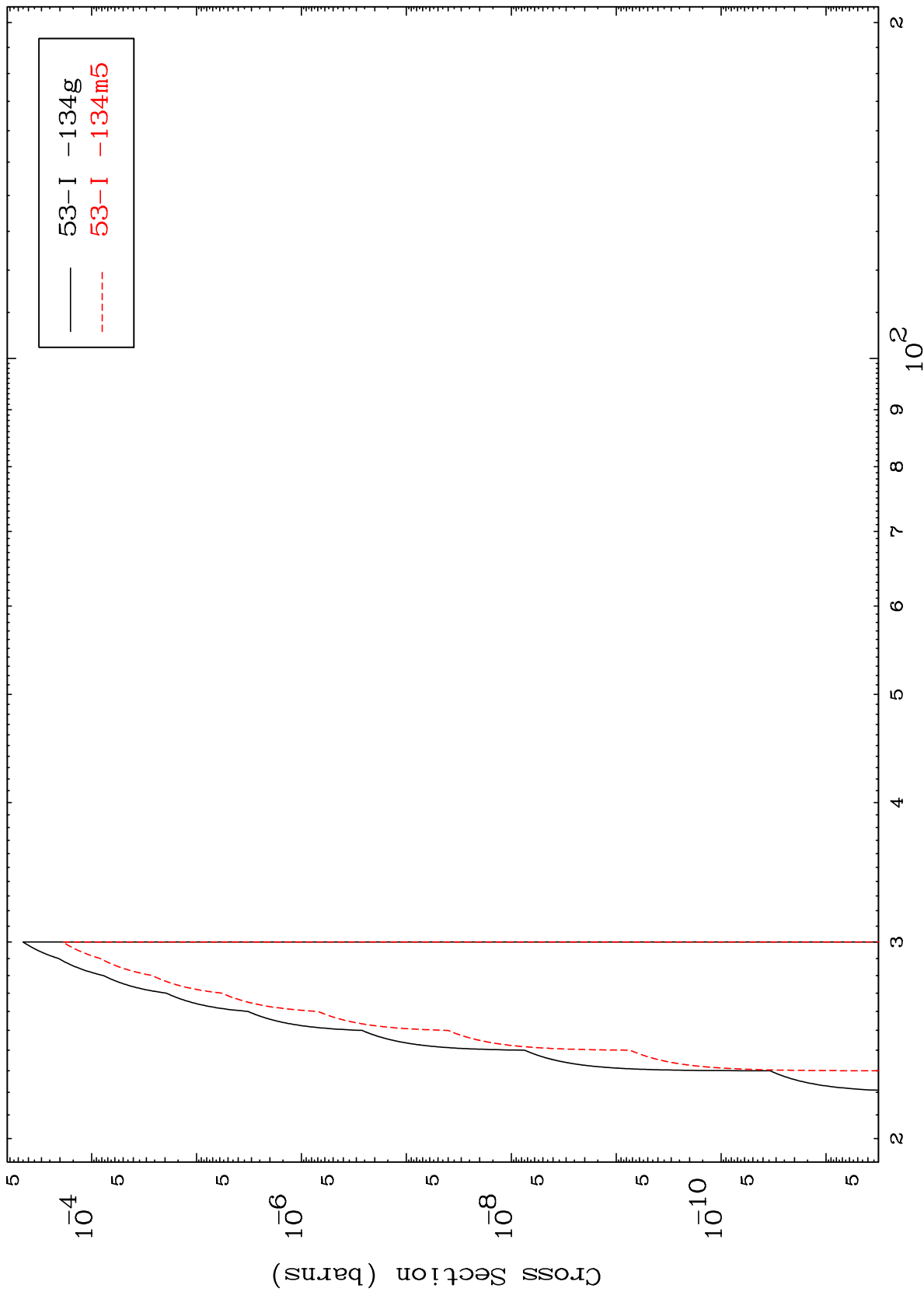


MAT 5464

(n,2n) d

54-Xe-137

Radionuclide Production Cross Section



131

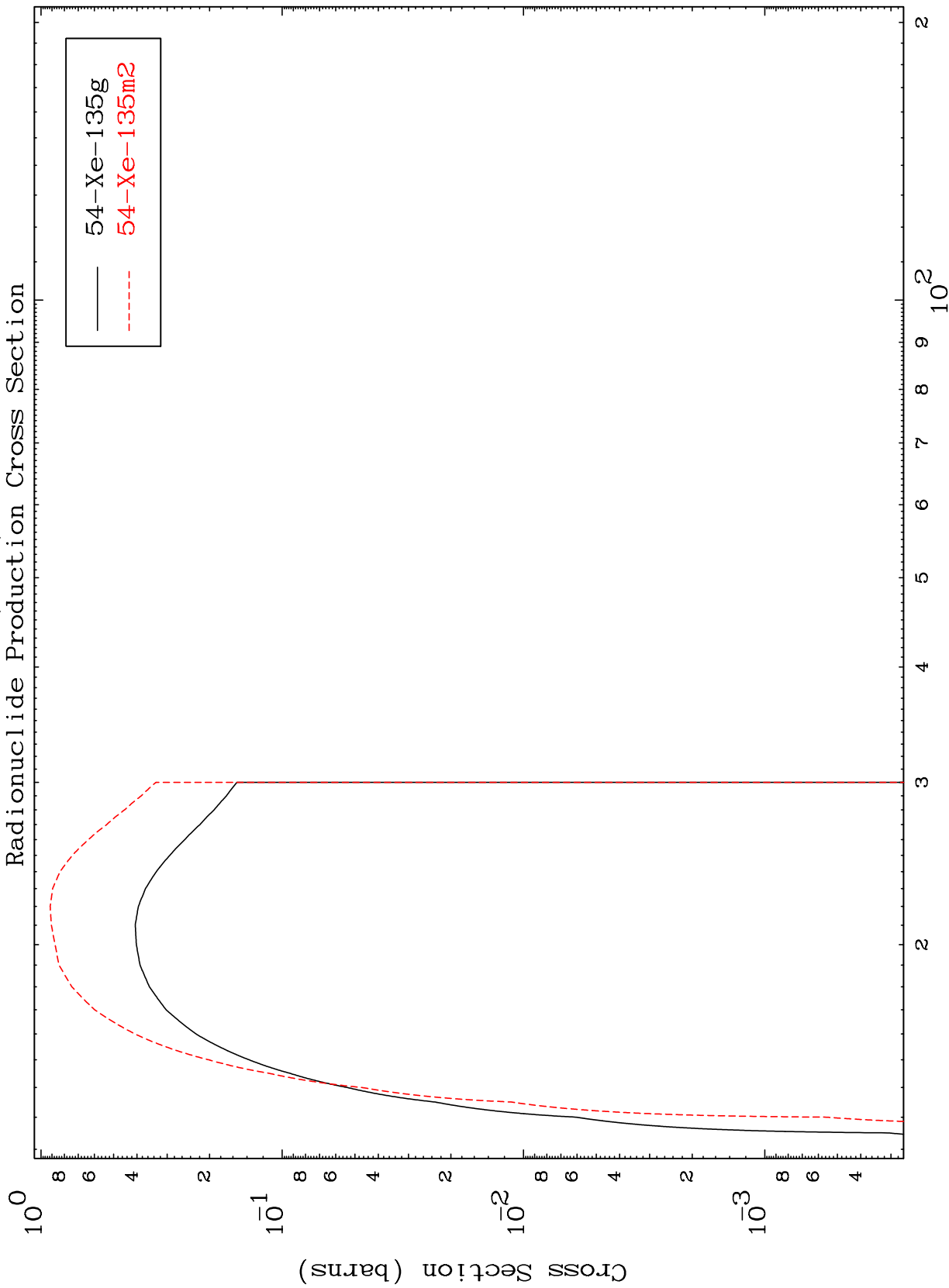
Incident Energy (MeV)

54-Xe-137

MAT 5464

54-Xe-137

(n,3n)
Radionuclide Production Cross Section



54-Xe-137

Incident Energy (MeV)

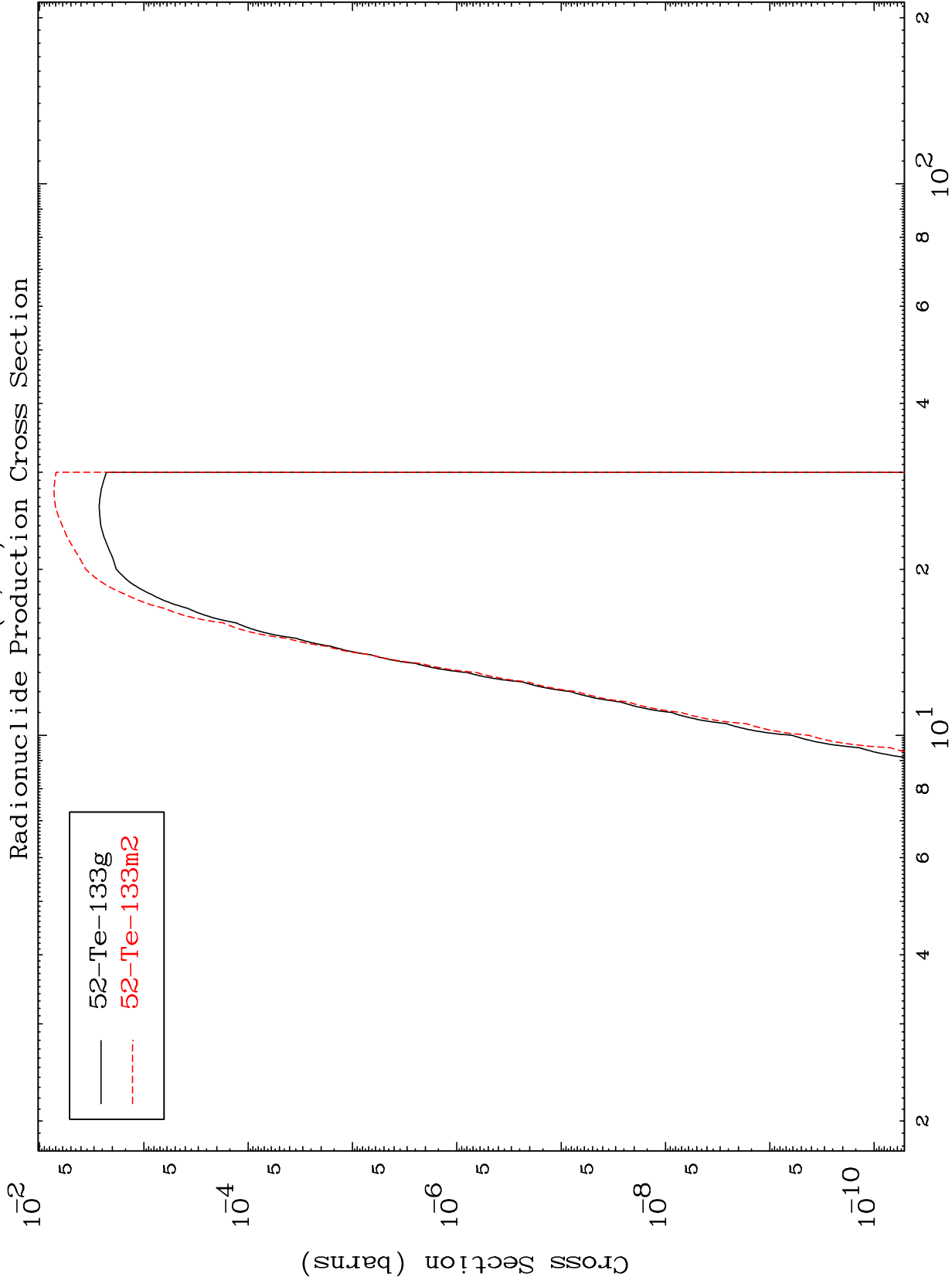
132

MAT 5464

54-Xe-137

(n,n') α

Radionuclide Production Cross Section



54-Xe-137

Incident Energy (MeV)

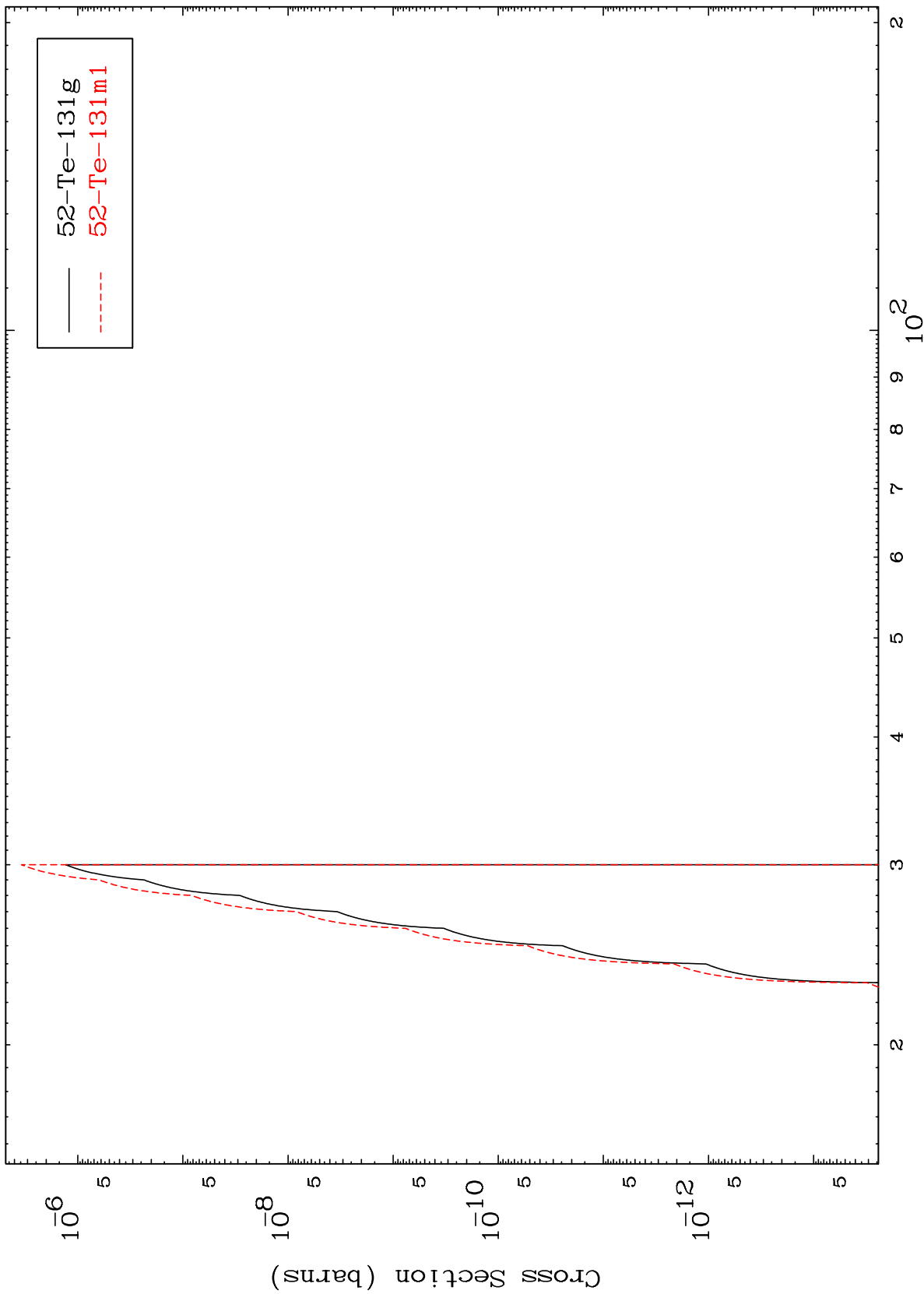
133

MAT 5464

$(n,3n) \alpha$

54-Xe-137

Radionuclide Production Cross Section



134

Incident Energy (MeV)

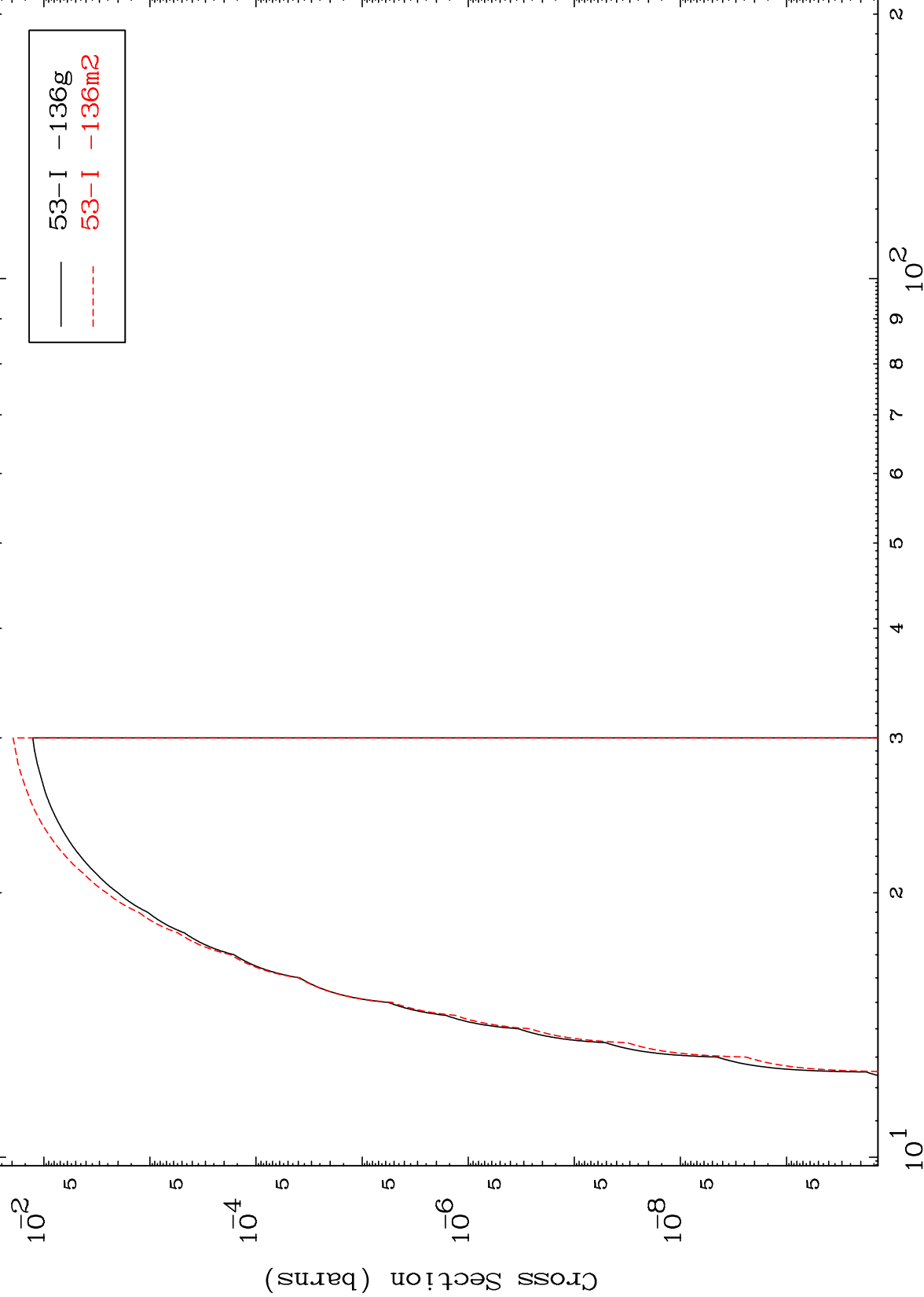
54-Xe-137

MAT 5464

(n,n') p

54-Xe-137

Radionuclide Production Cross Section

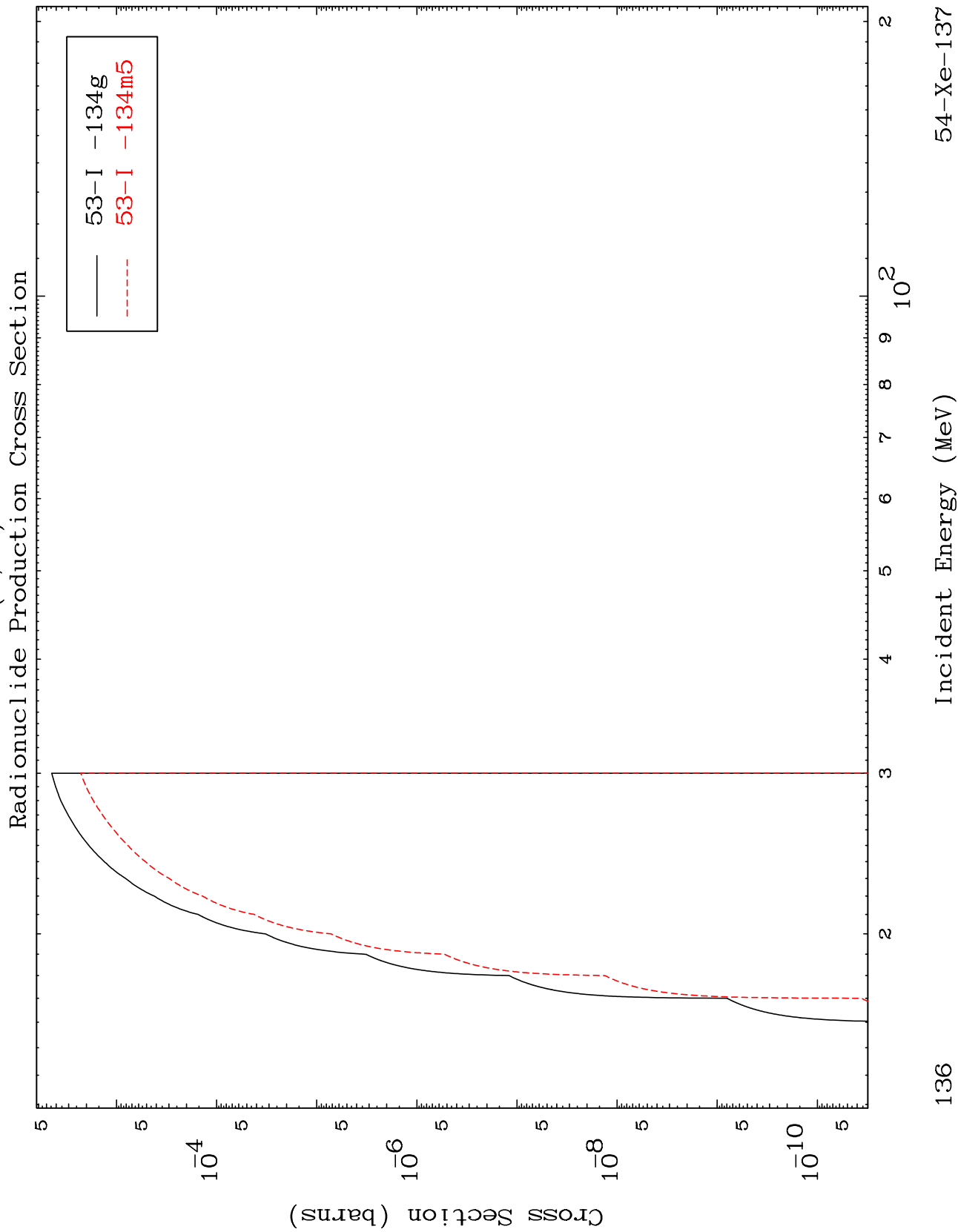


53-I -136g
53-I -136m2

135

Incident Energy (MeV)

54-Xe-137

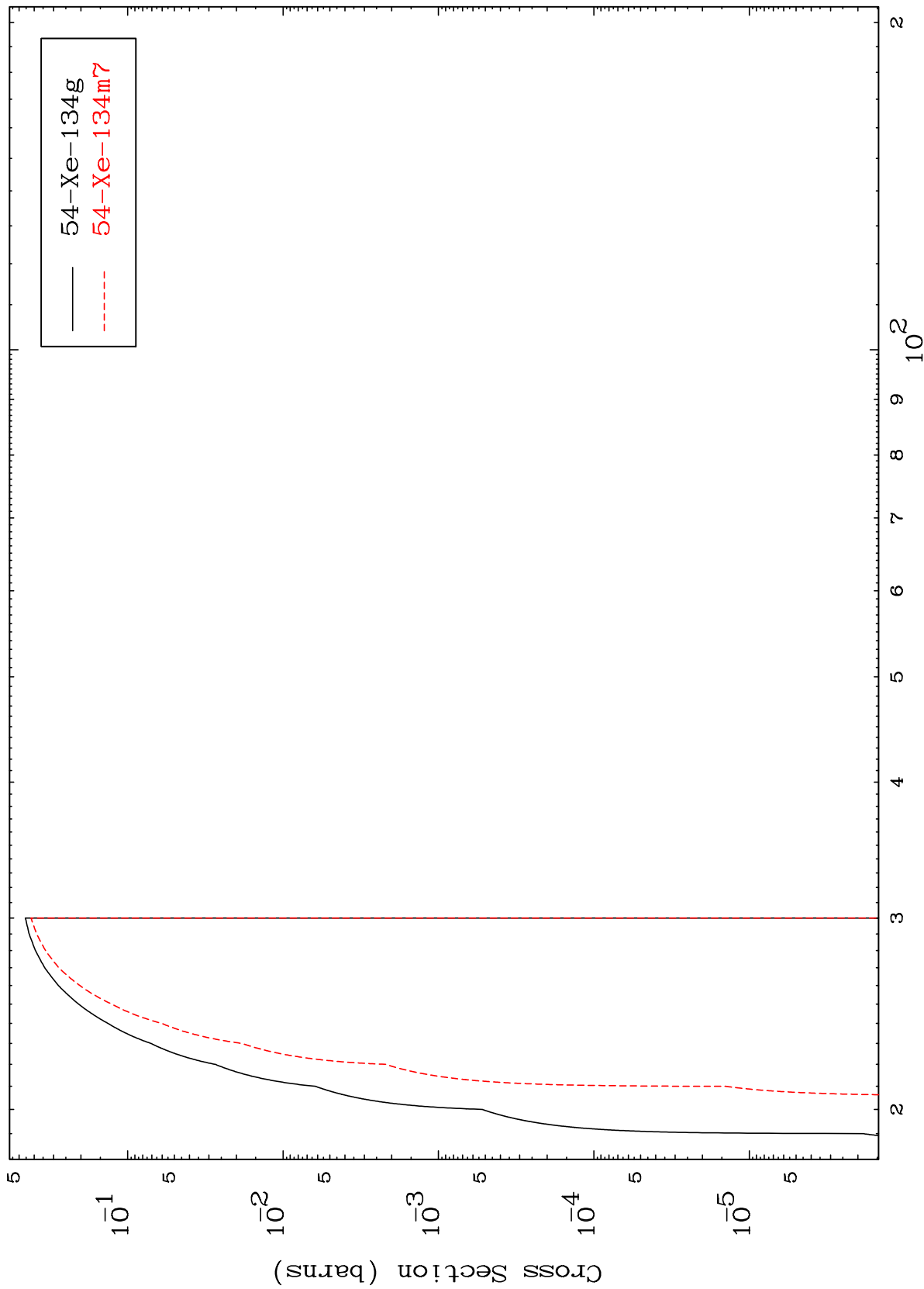


MAT 5464

54-Xe-137

(n,4n)

Radionuclide Production Cross Section

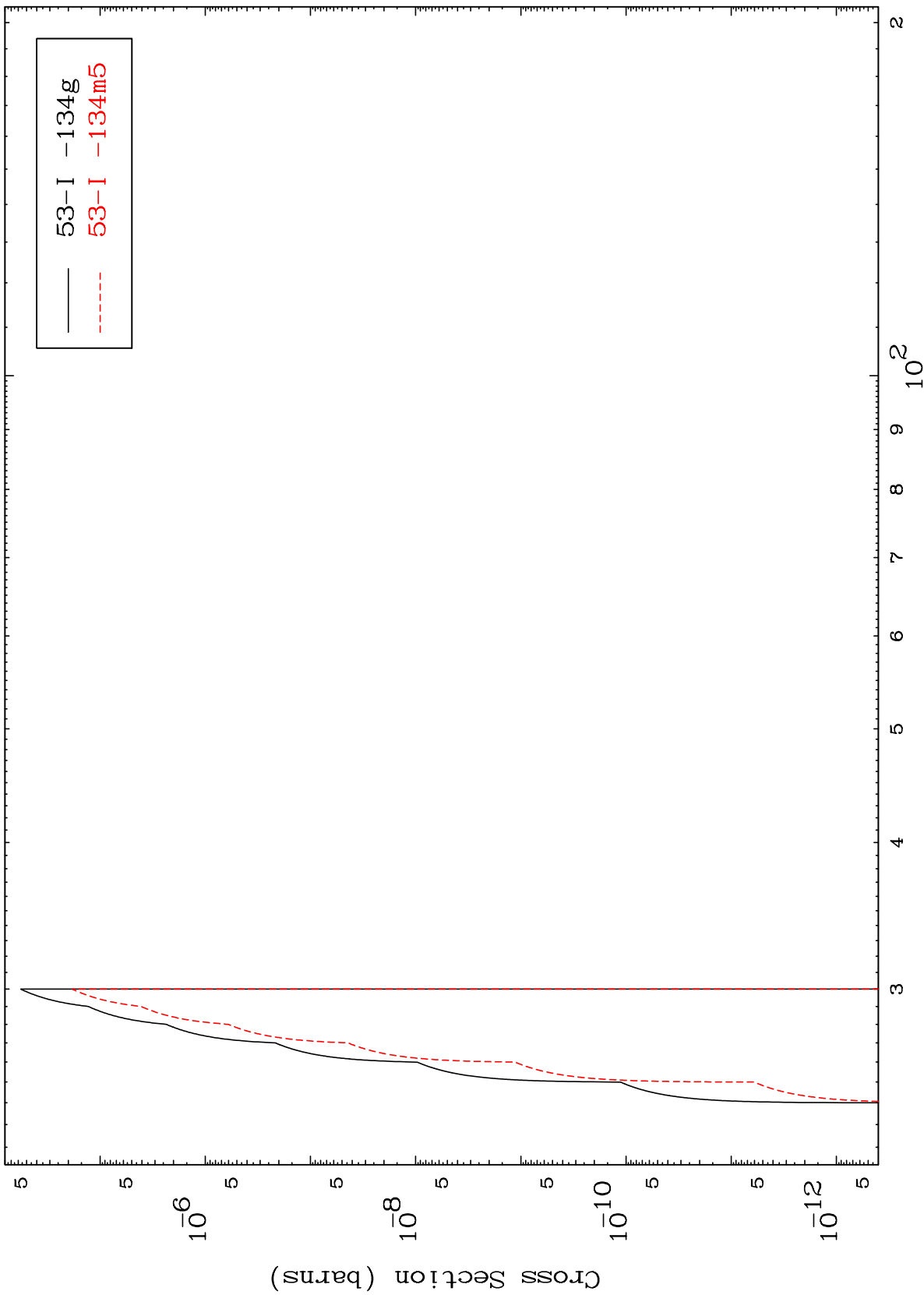


137

Incident Energy (MeV)

54-Xe-137

Radionuclide Production Cross Section

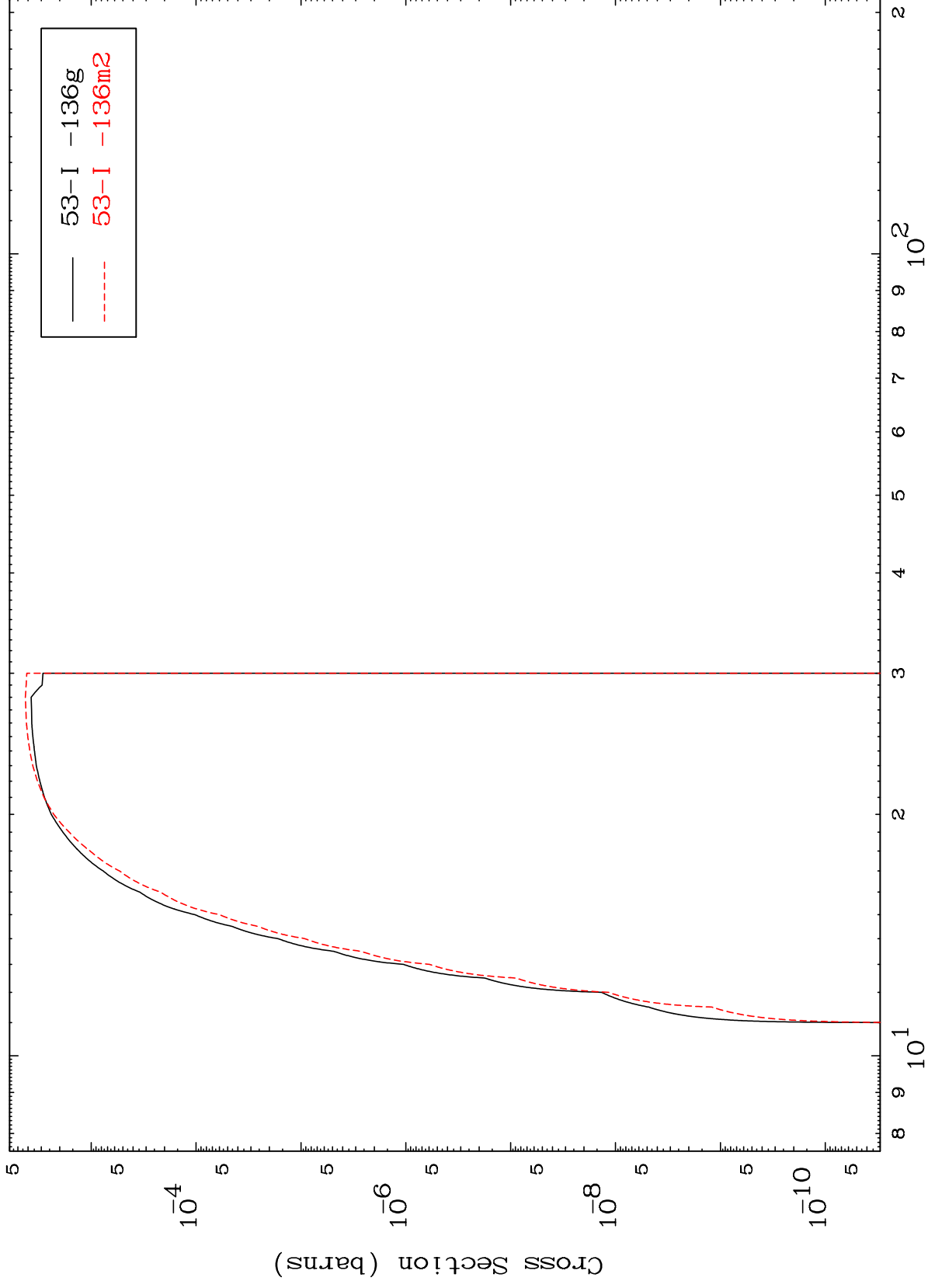


MAT 5464

(n,d)

54-Xe-137

Radionuclide Production Cross Section



139

Incident Energy (MeV)

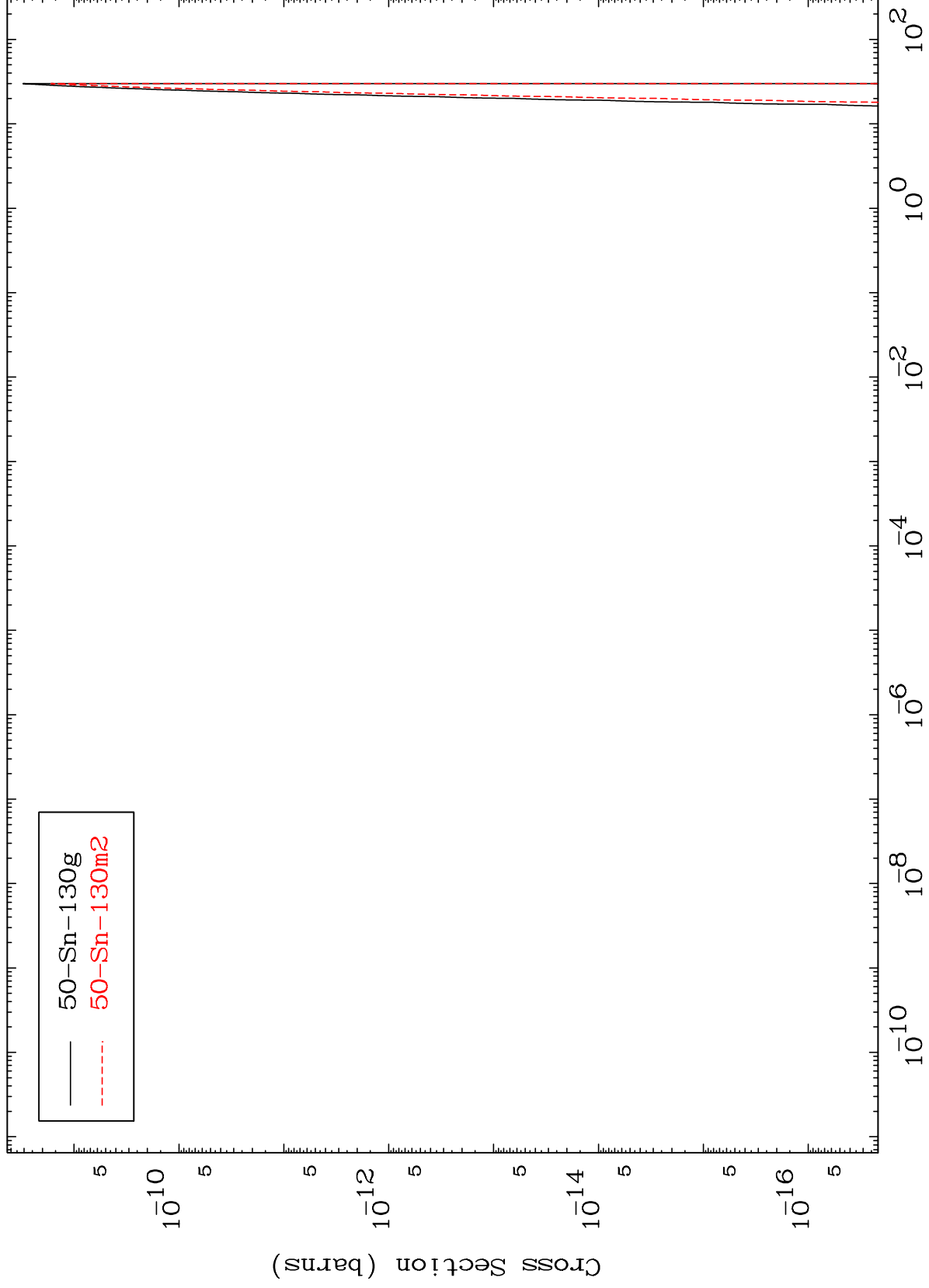
54-Xe-137

MAT 5464

(n,2α)

54-Xe-137

Radionuclide Production Cross Section



140

Incident Energy (MeV)

54-Xe-137