

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

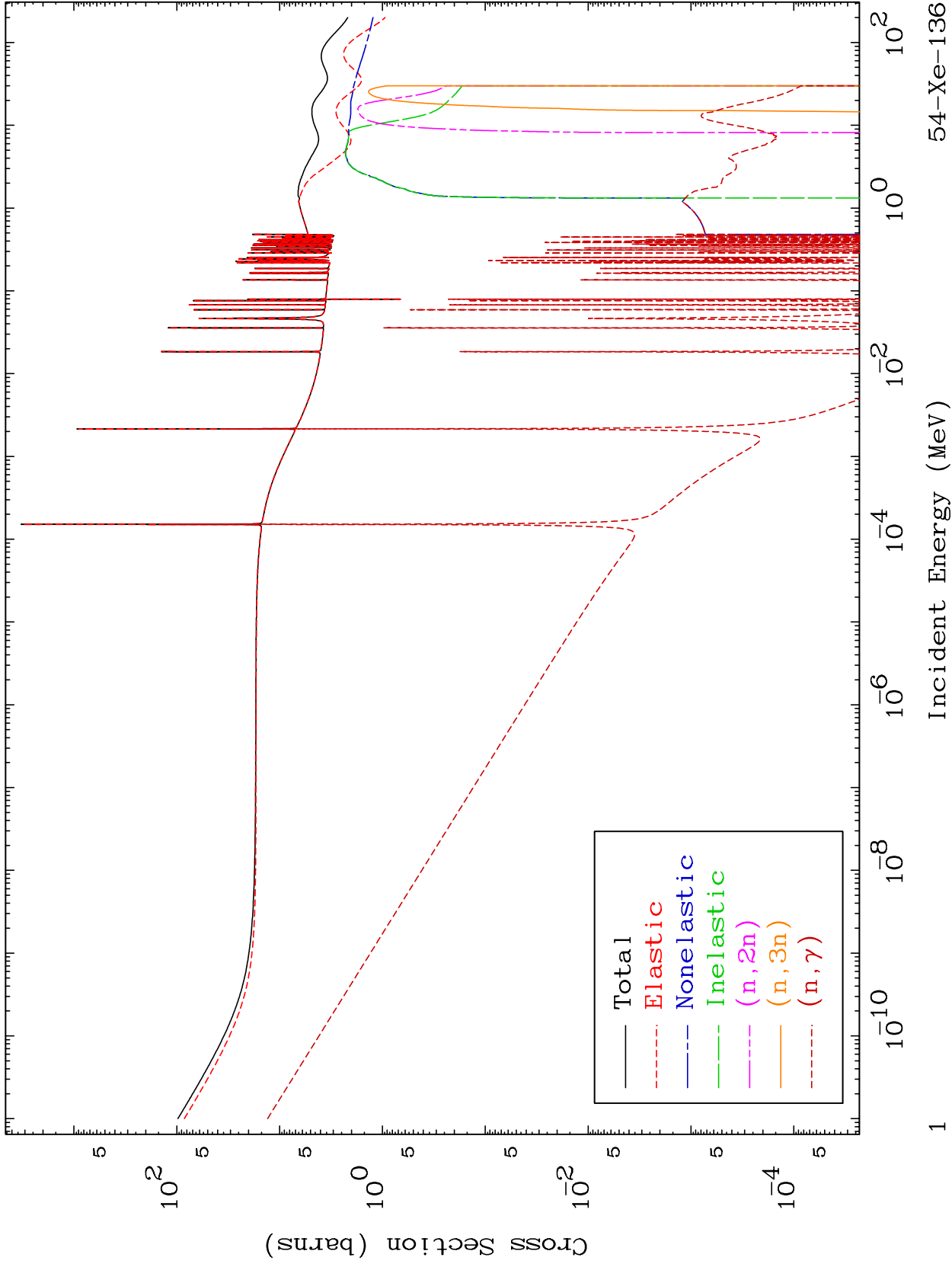
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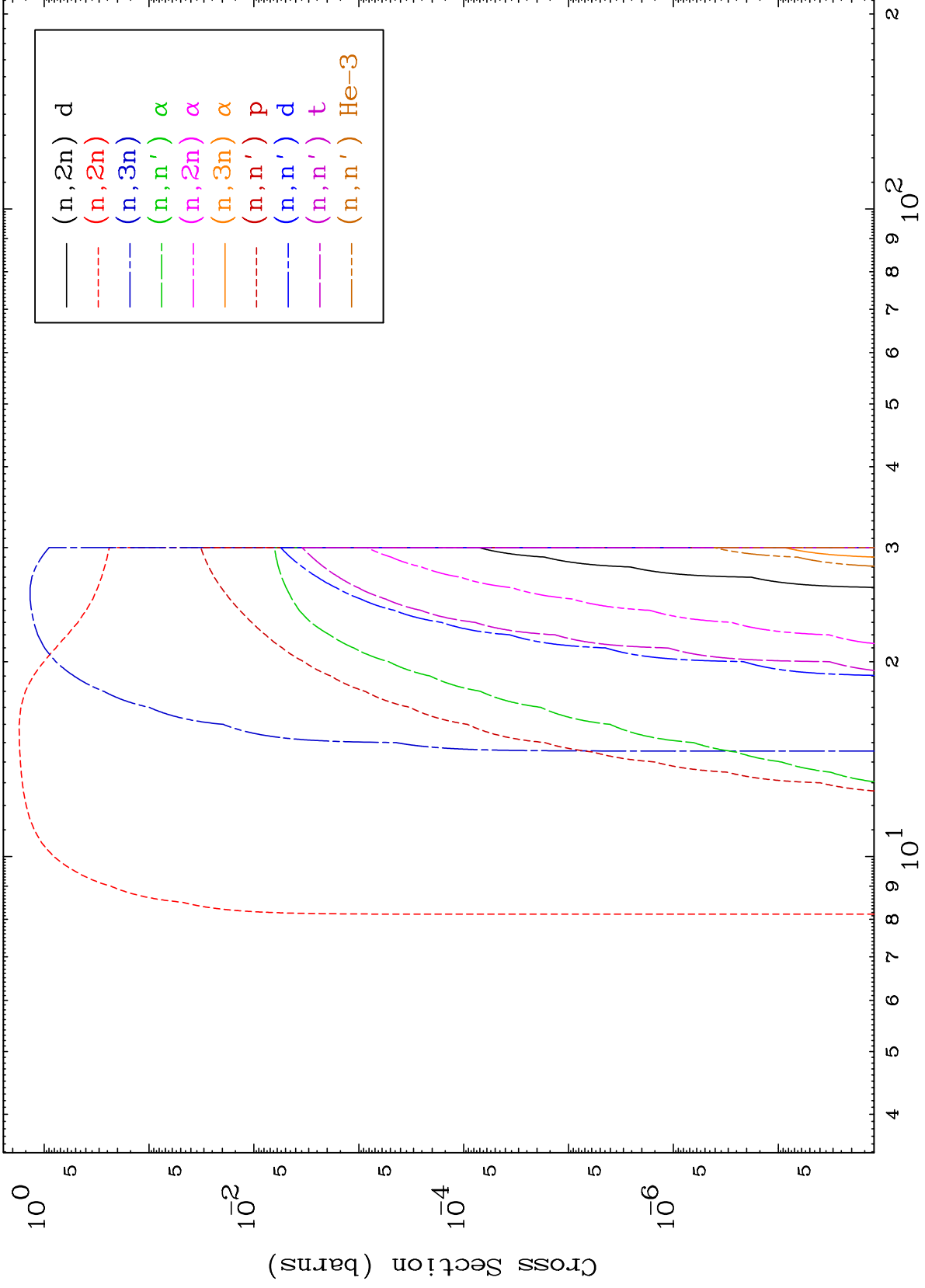
Press Mouse Button to Start

MAT 5461

Neutron Major
293 Kelvin Cross Sections

54-Xe-136

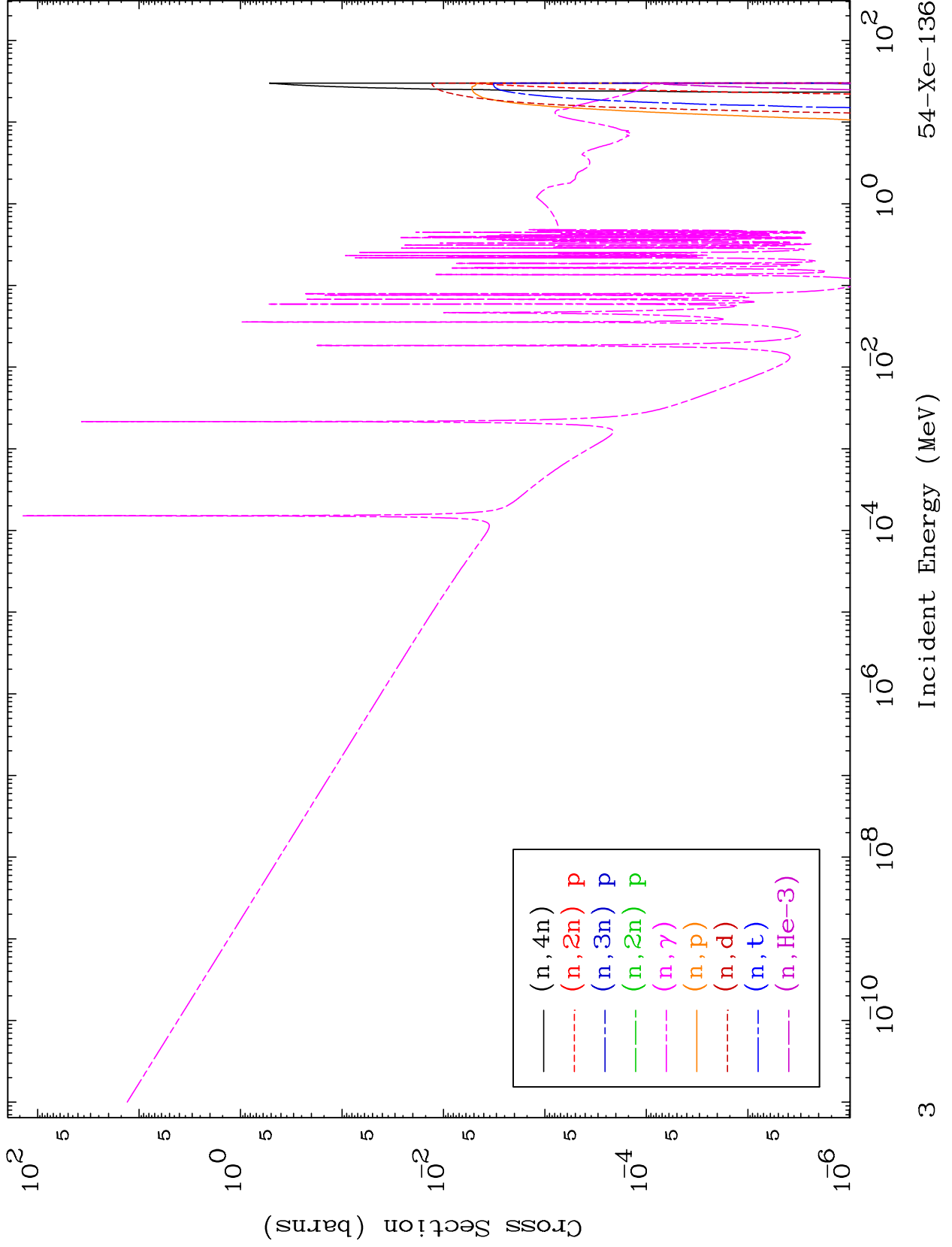


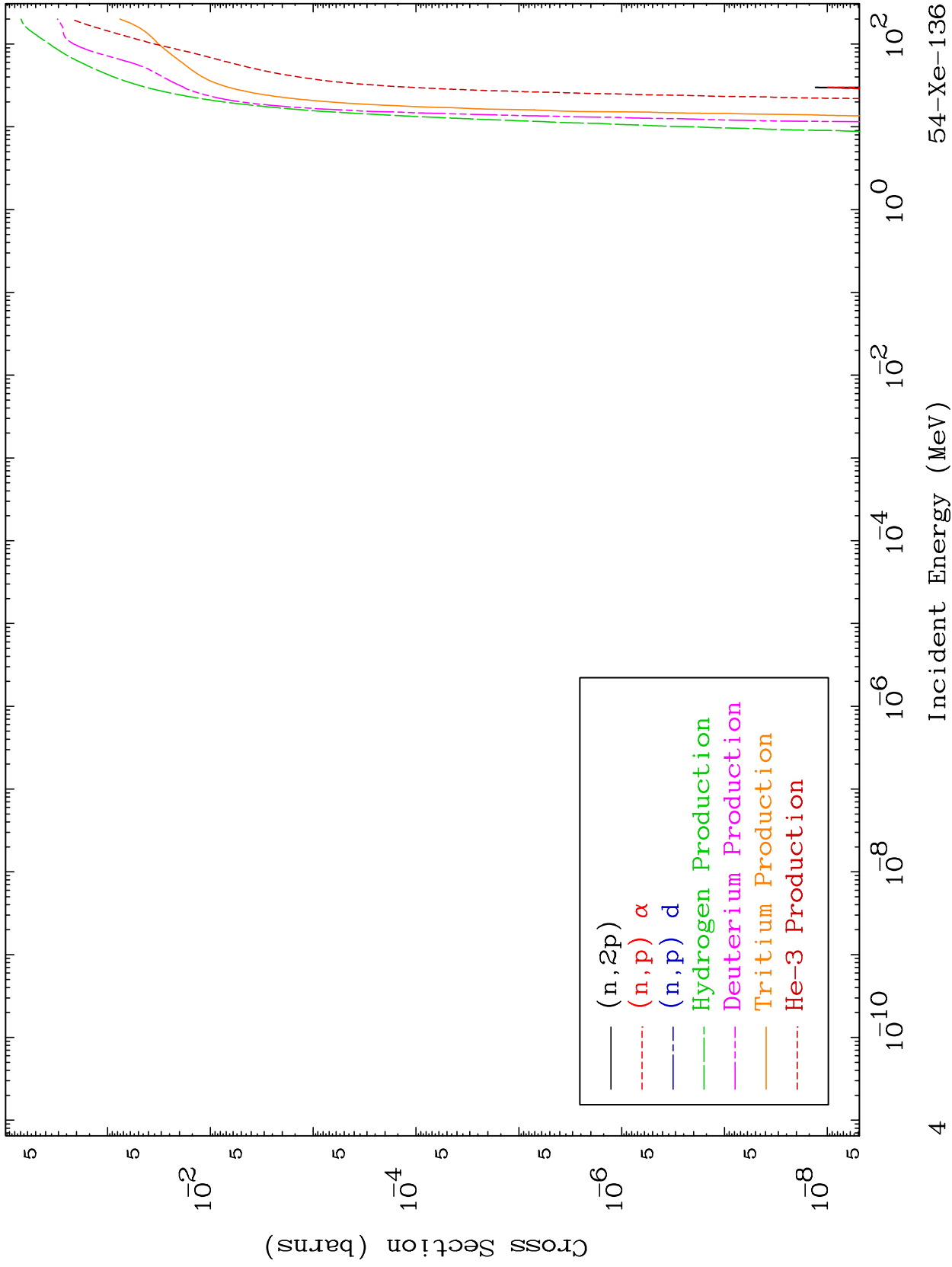


MAT 5461

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-136

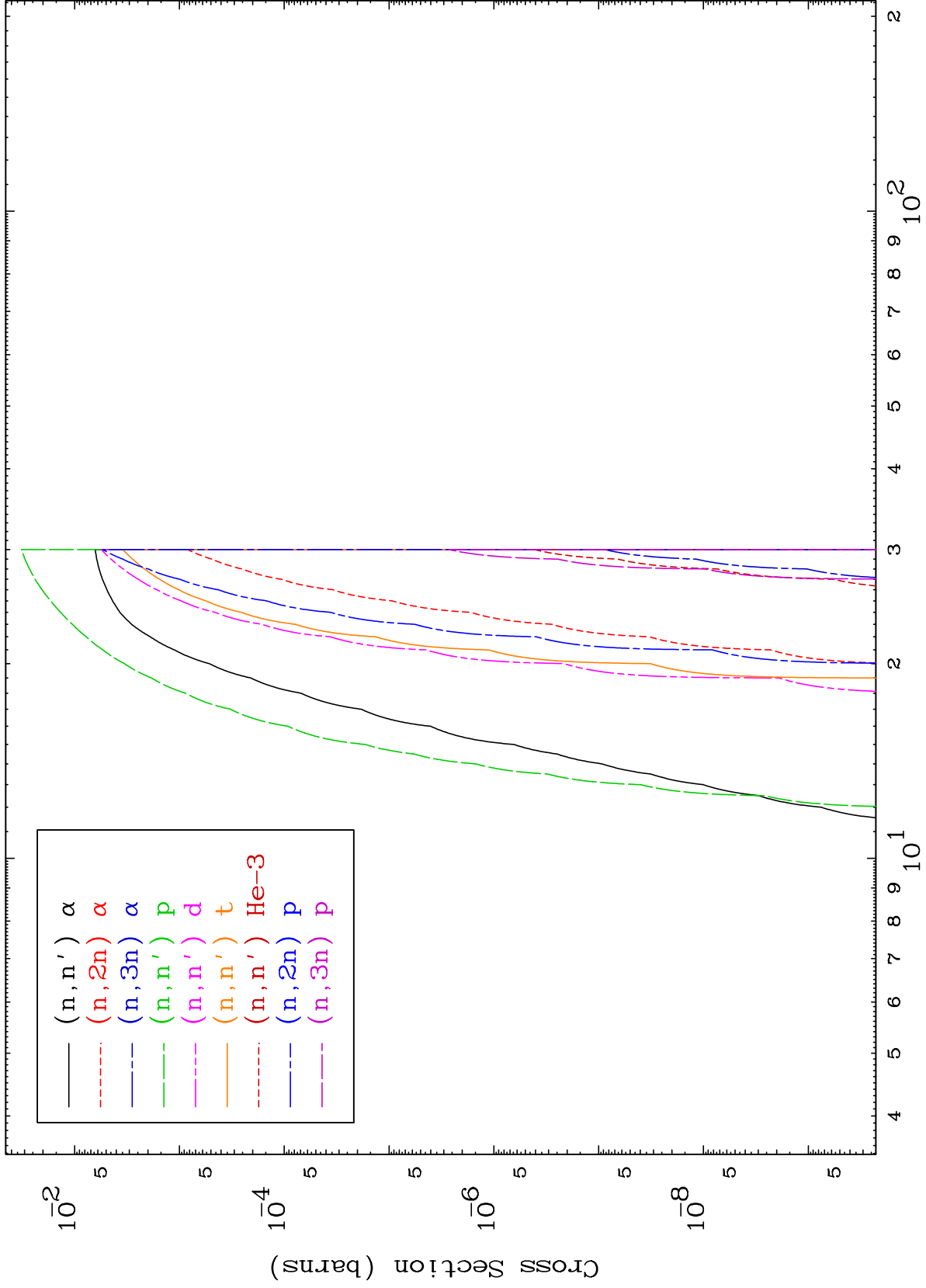




MAT 5461

Charged Particle
293 Kelvin Cross Sections

54-Xe-136



5

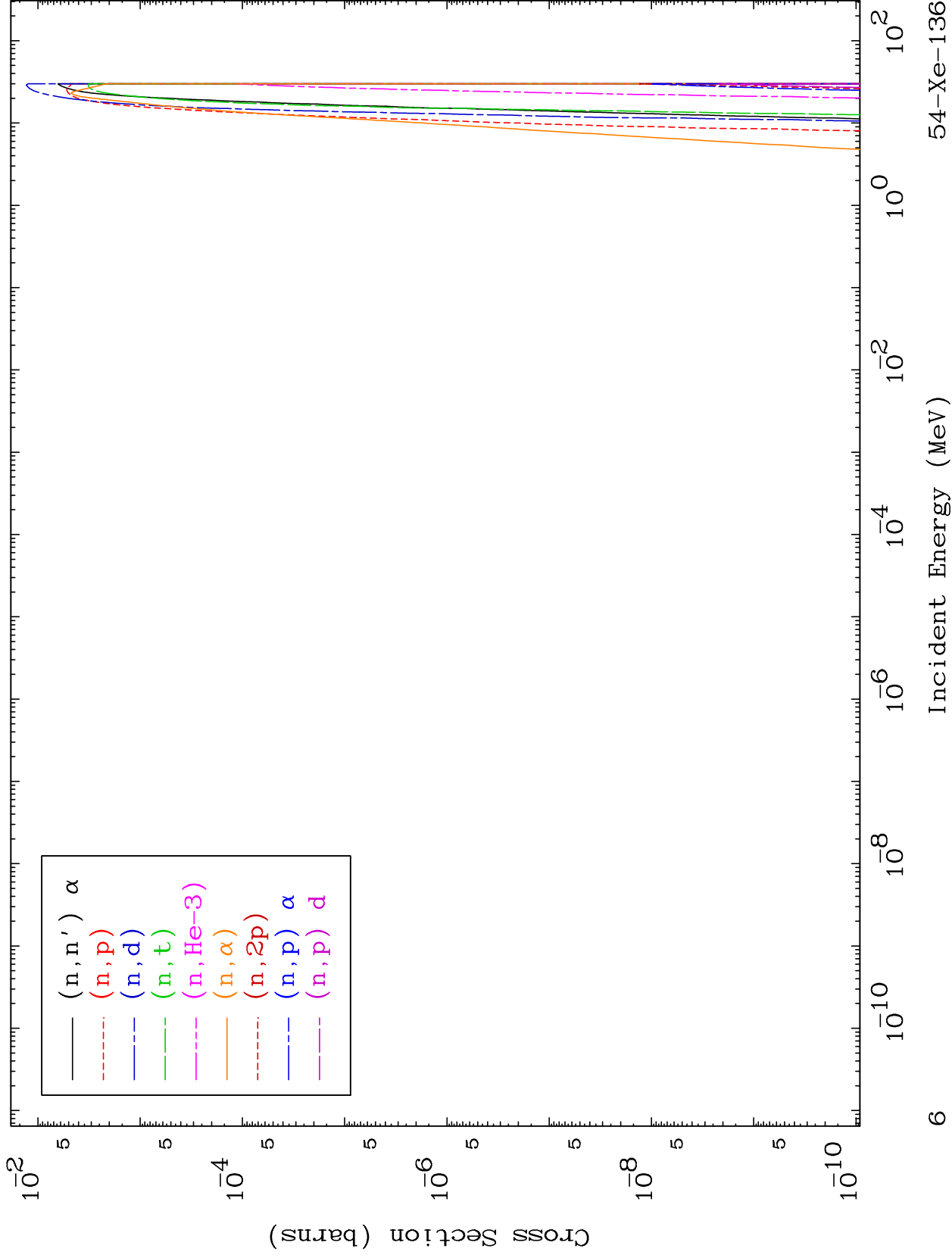
Incident Energy (MeV)

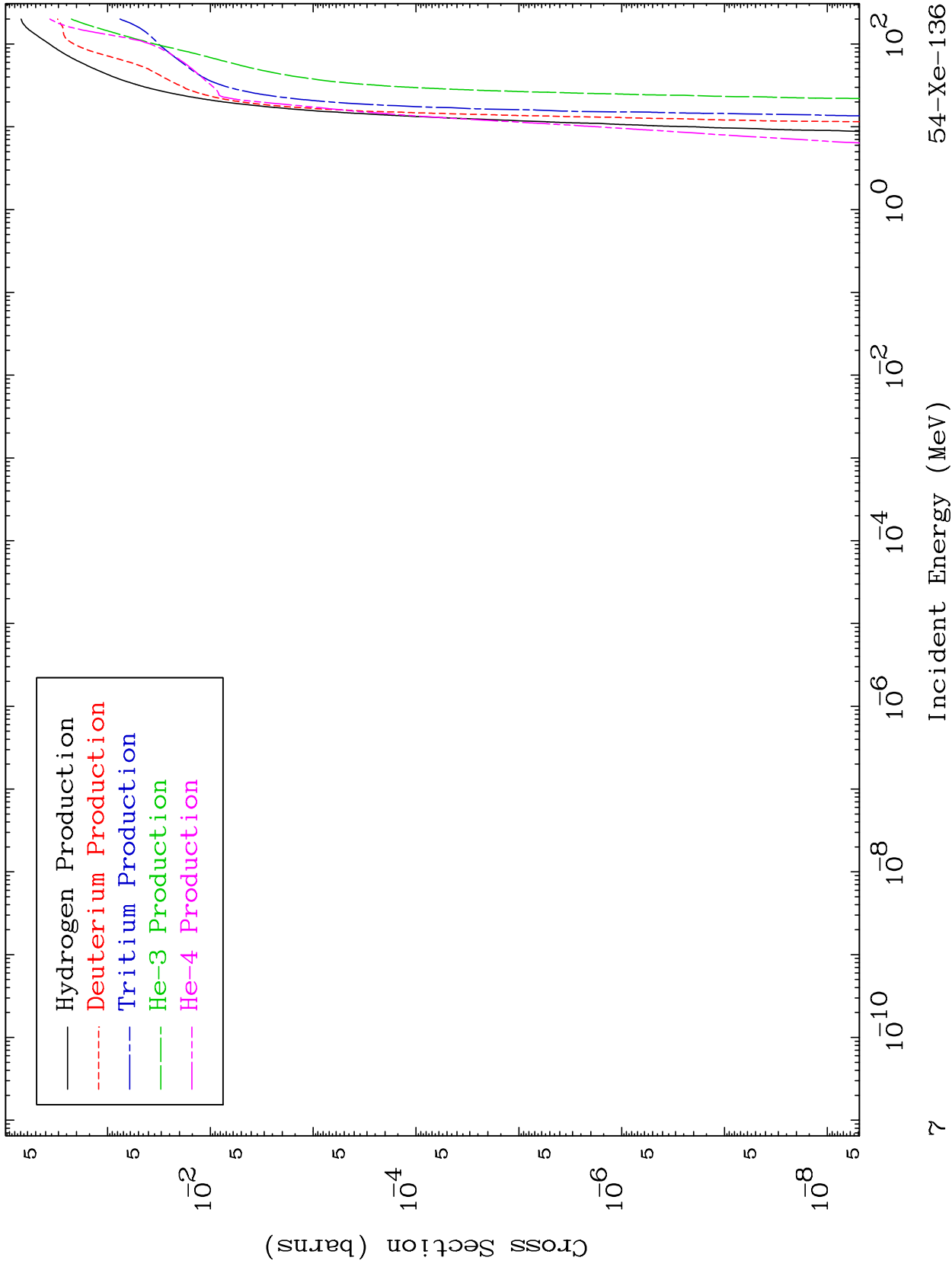
54-Xe-136

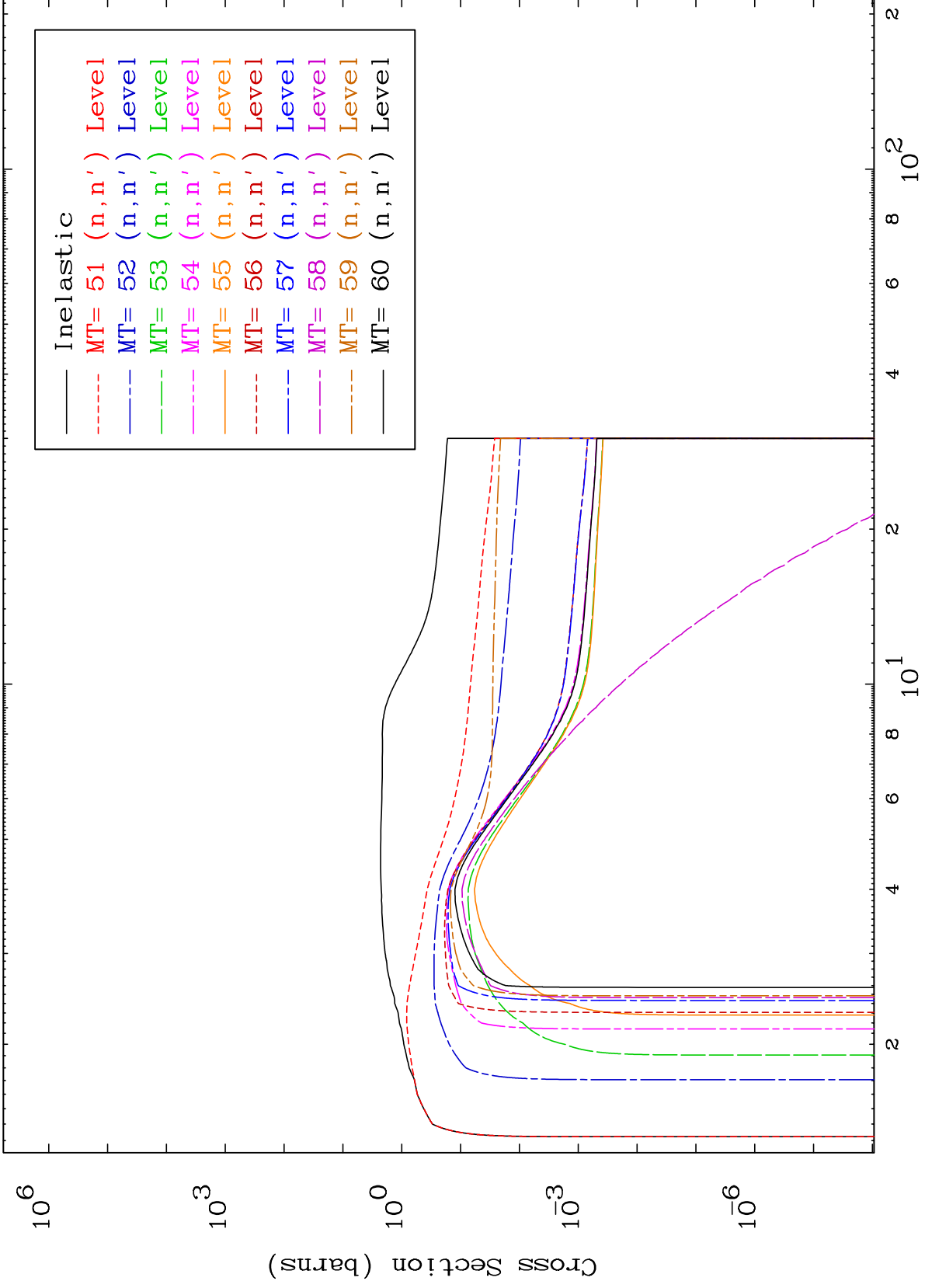
MAT 5461

Charged Particle
293 Kelvin Cross Sections

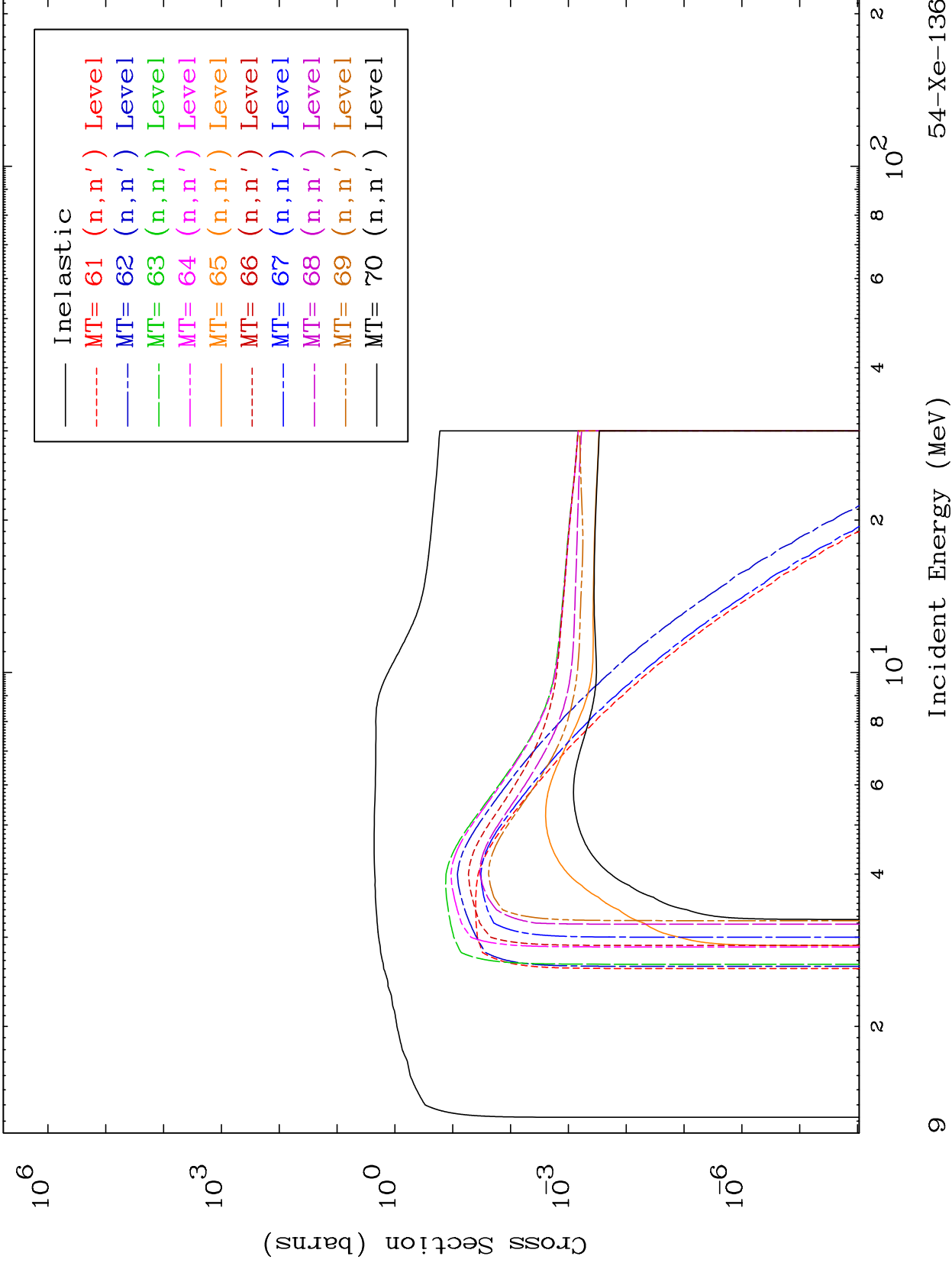
54-Xe-136







293 Kelvin Cross Sections

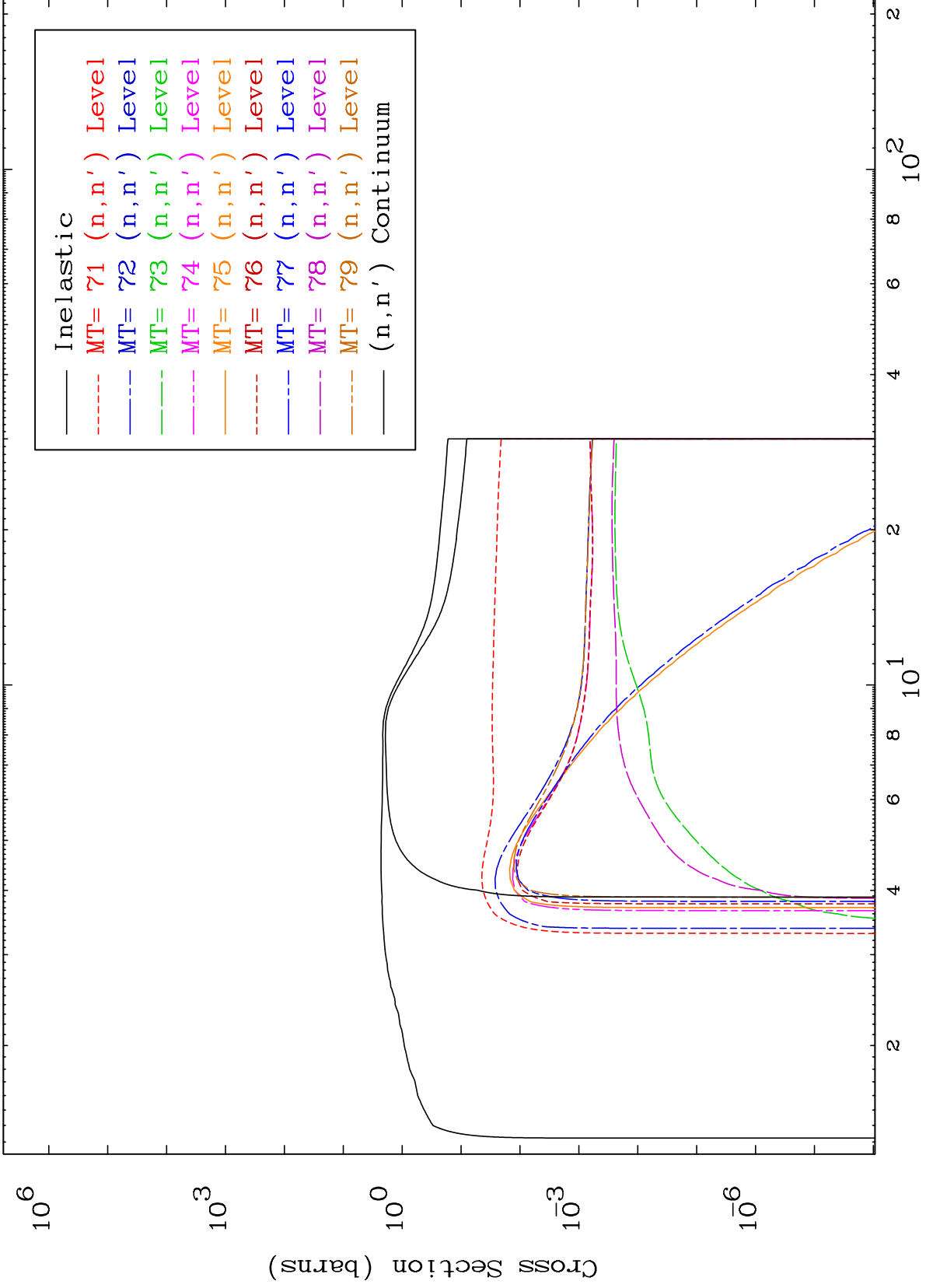


MAT 5461

(n,n') Levels

54-Xe-136

293 Kelvin Cross Sections



10

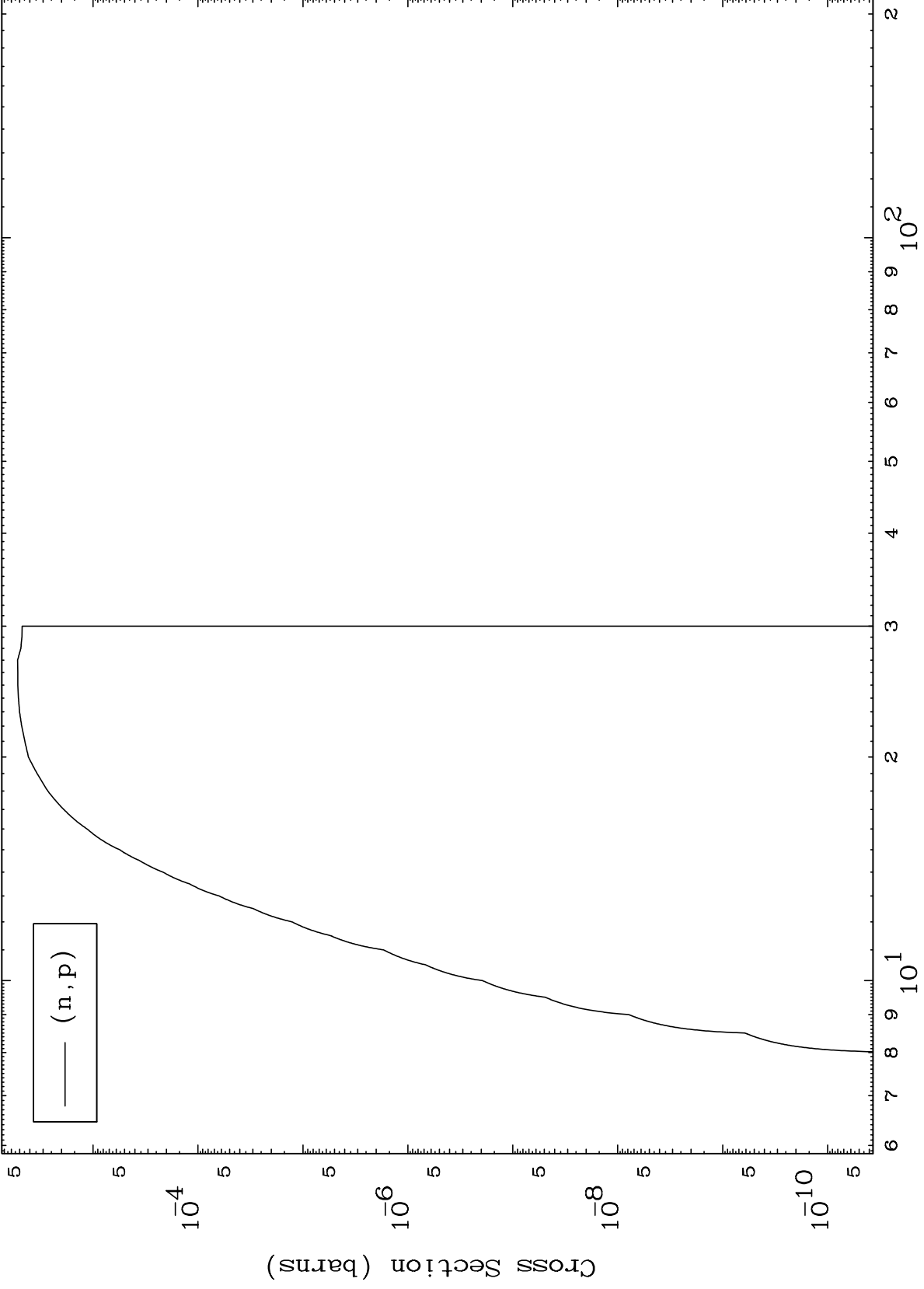
Incident Energy (MeV)

54-Xe-136

MAT 5461

(n,p) Levels
293 Kelvin Cross Sections

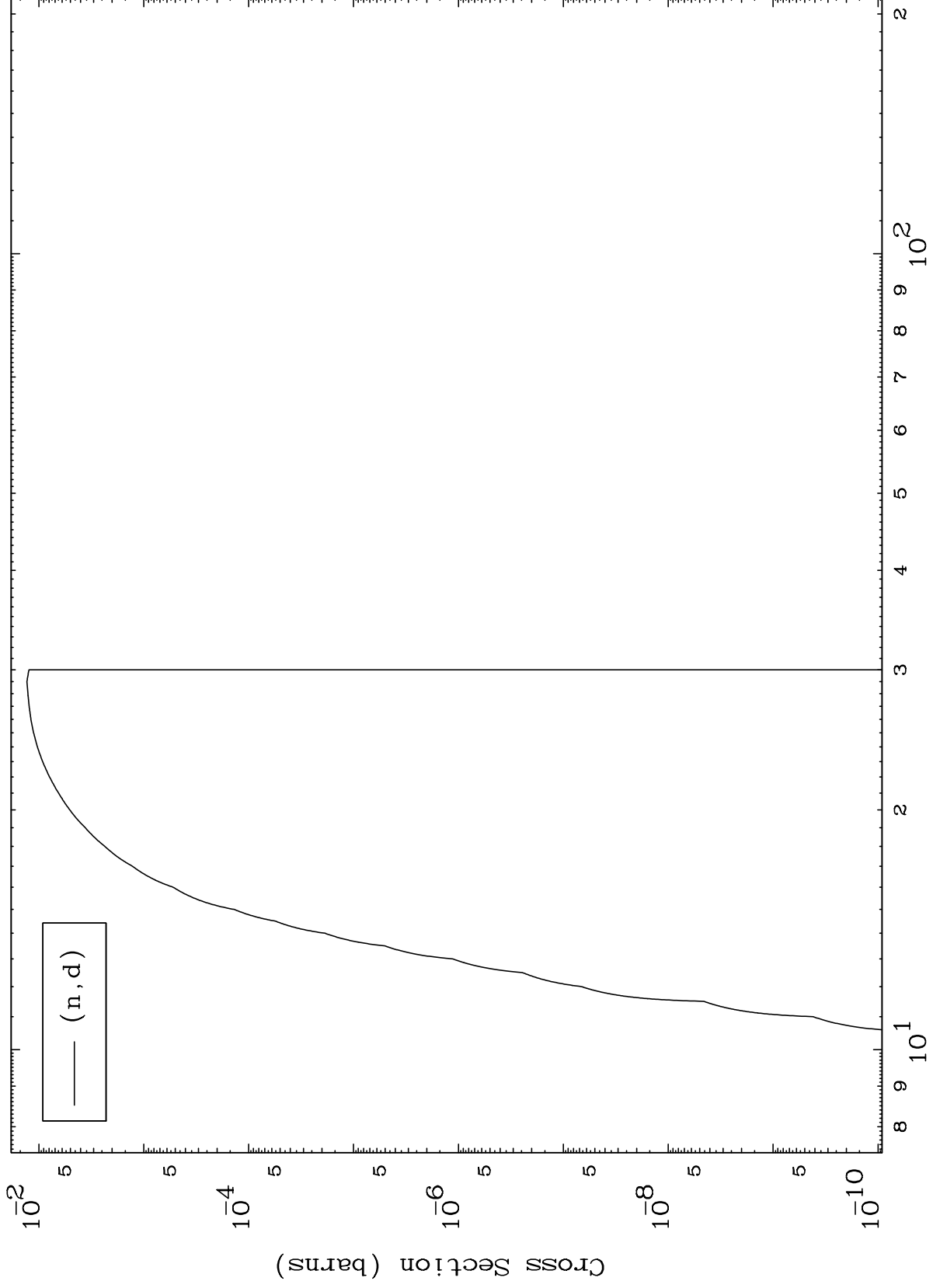
54-Xe-136



MAT 5461

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-136



12

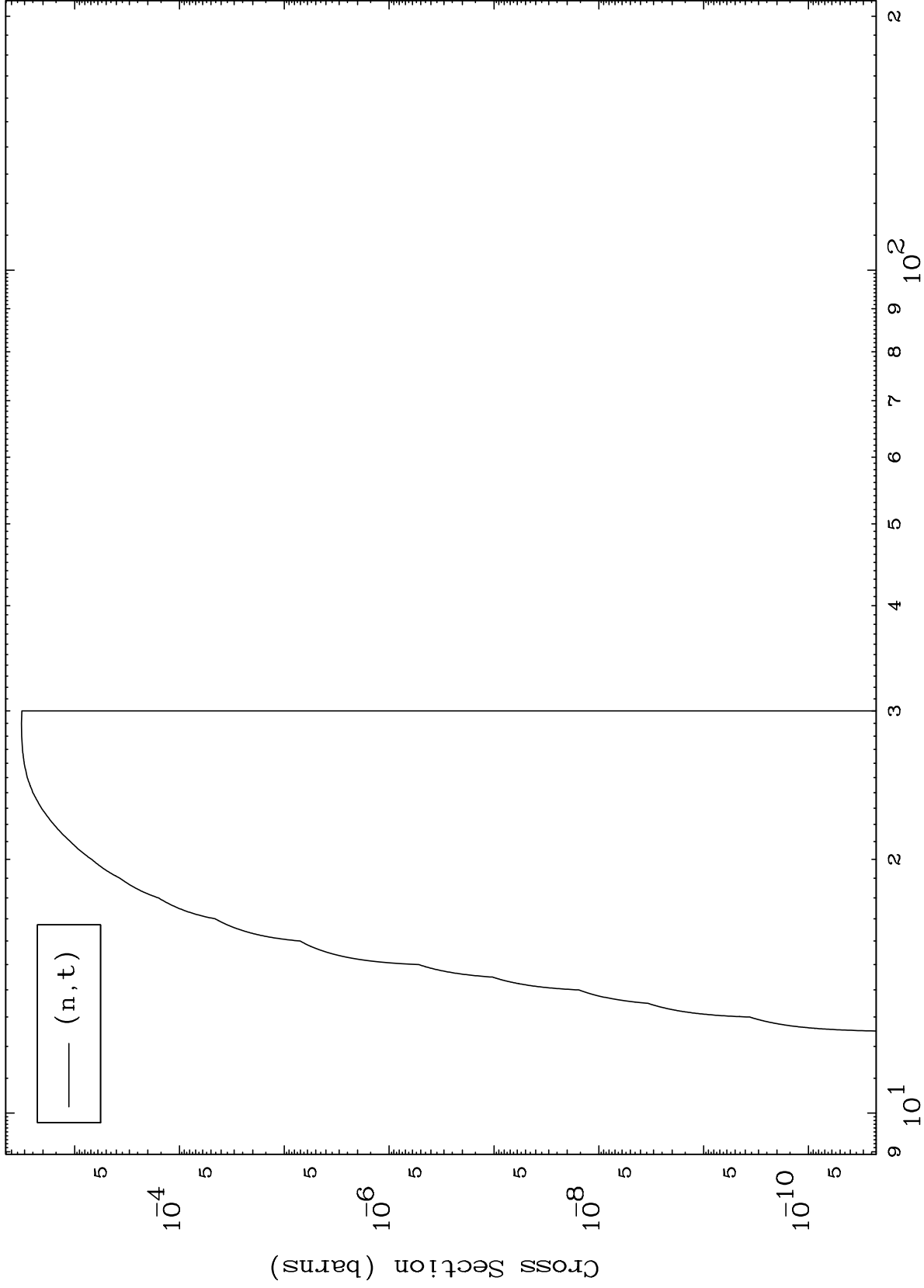
Incident Energy (MeV)

54-Xe-136

MAT 5461

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-136



13

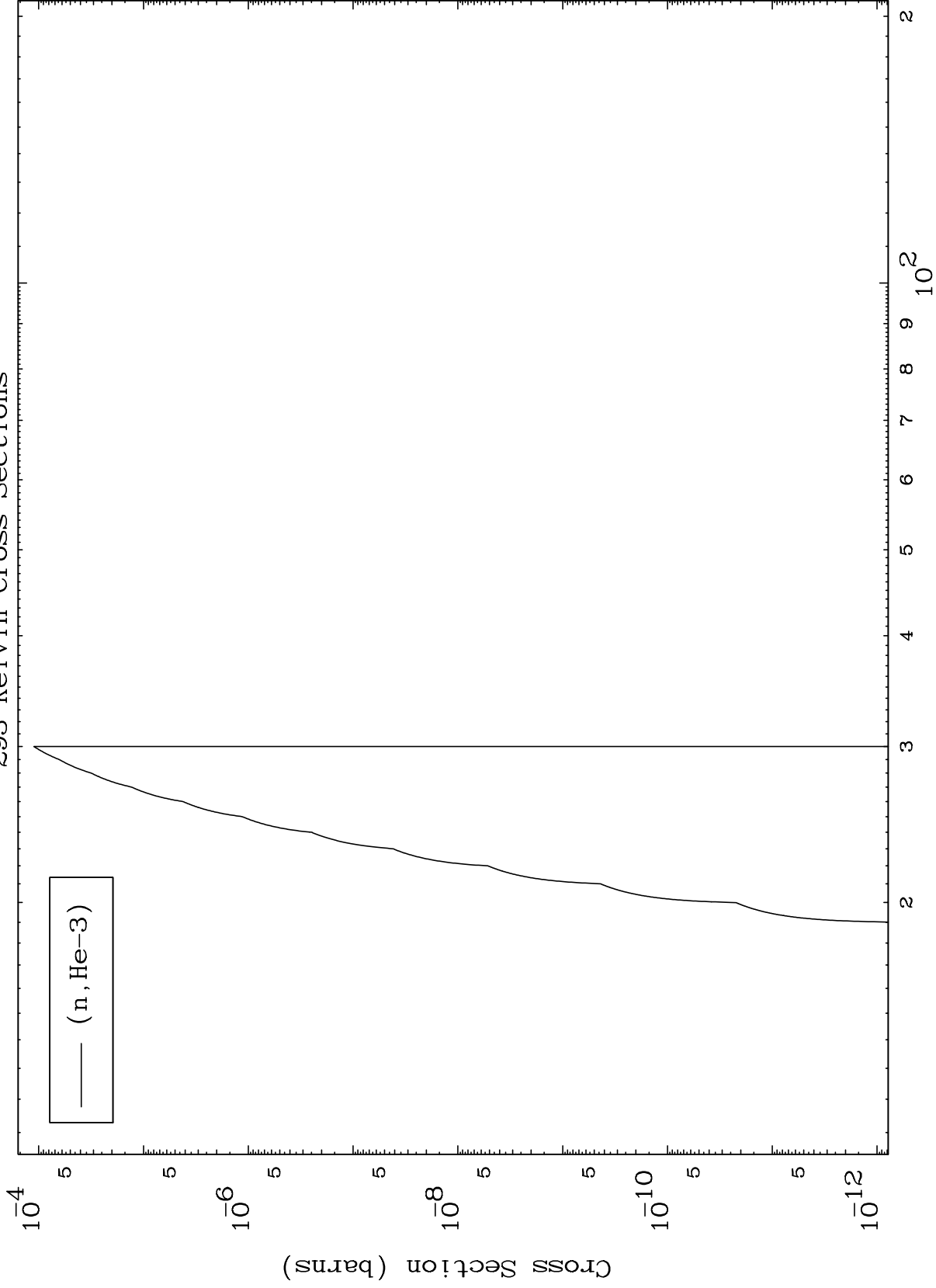
Incident Energy (MeV)

54-Xe-136

MAT 5461

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-136



14

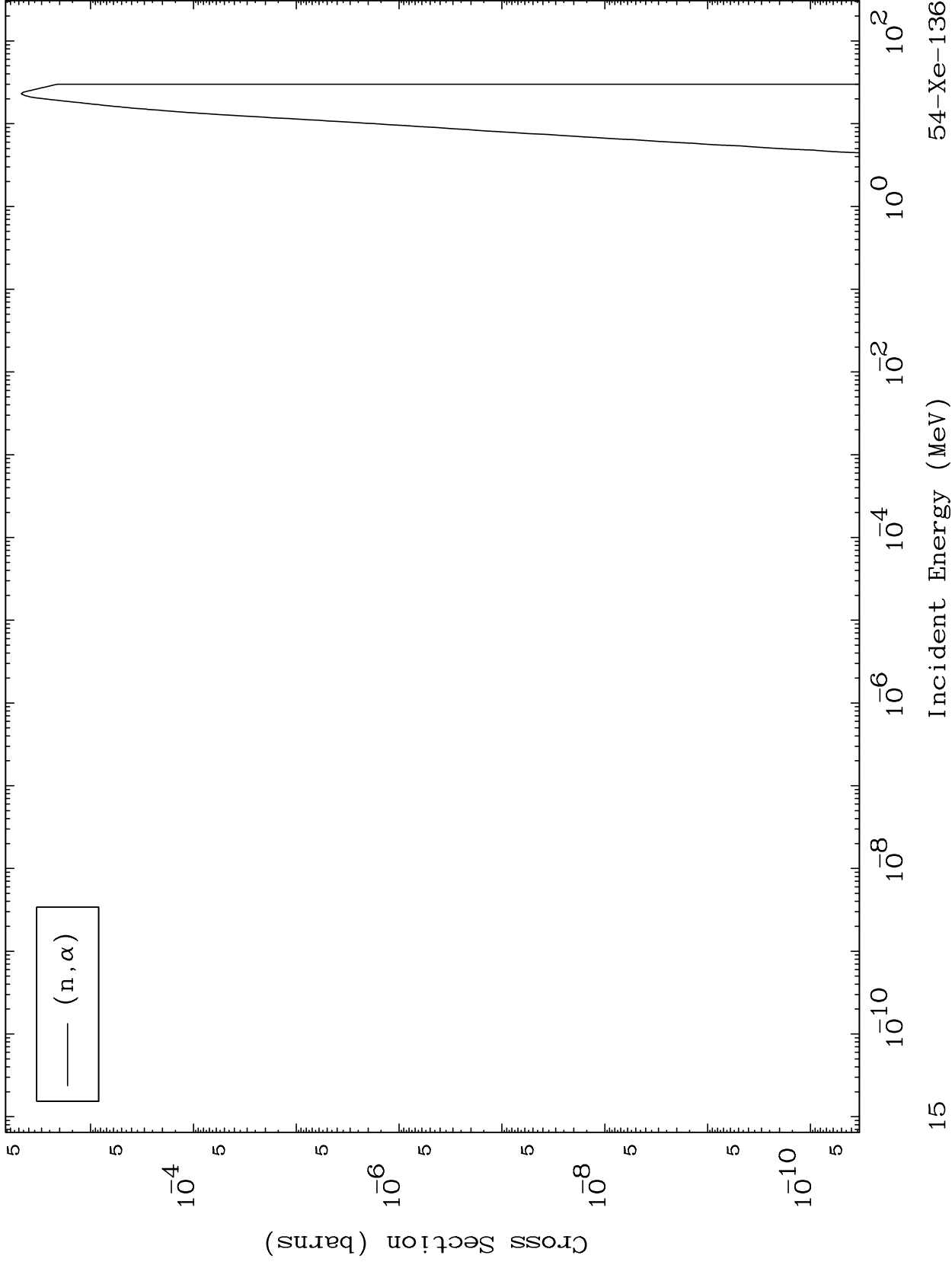
Incident Energy (MeV)

54-Xe-136

MAT 5461

(n, α) Levels
293 Kelvin Cross Sections

54-Xe-136



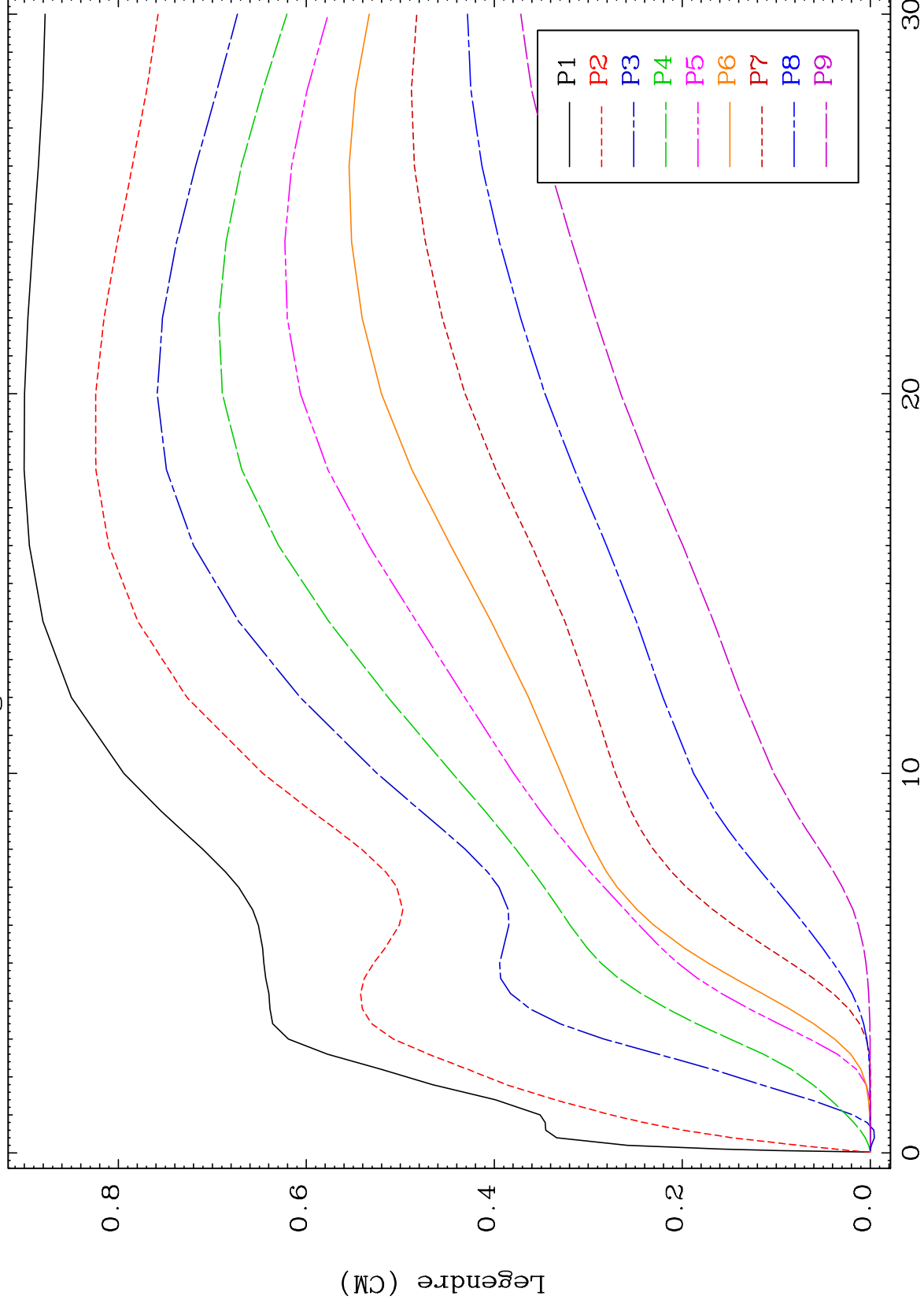
15

54-Xe-136

MAT 5461

Elastic Legendre Coefficients

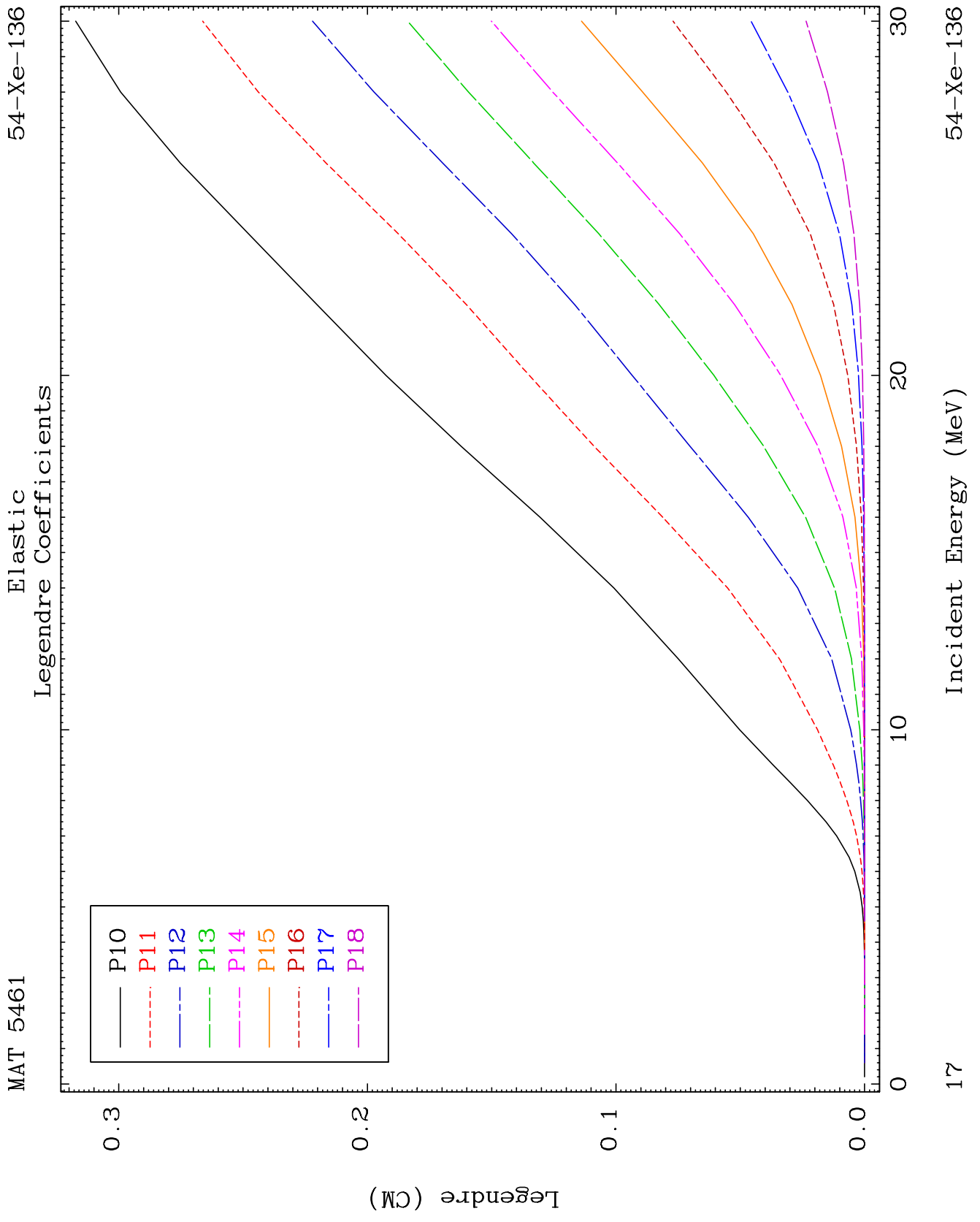
54-Xe-136



16

Incident Energy (MeV)

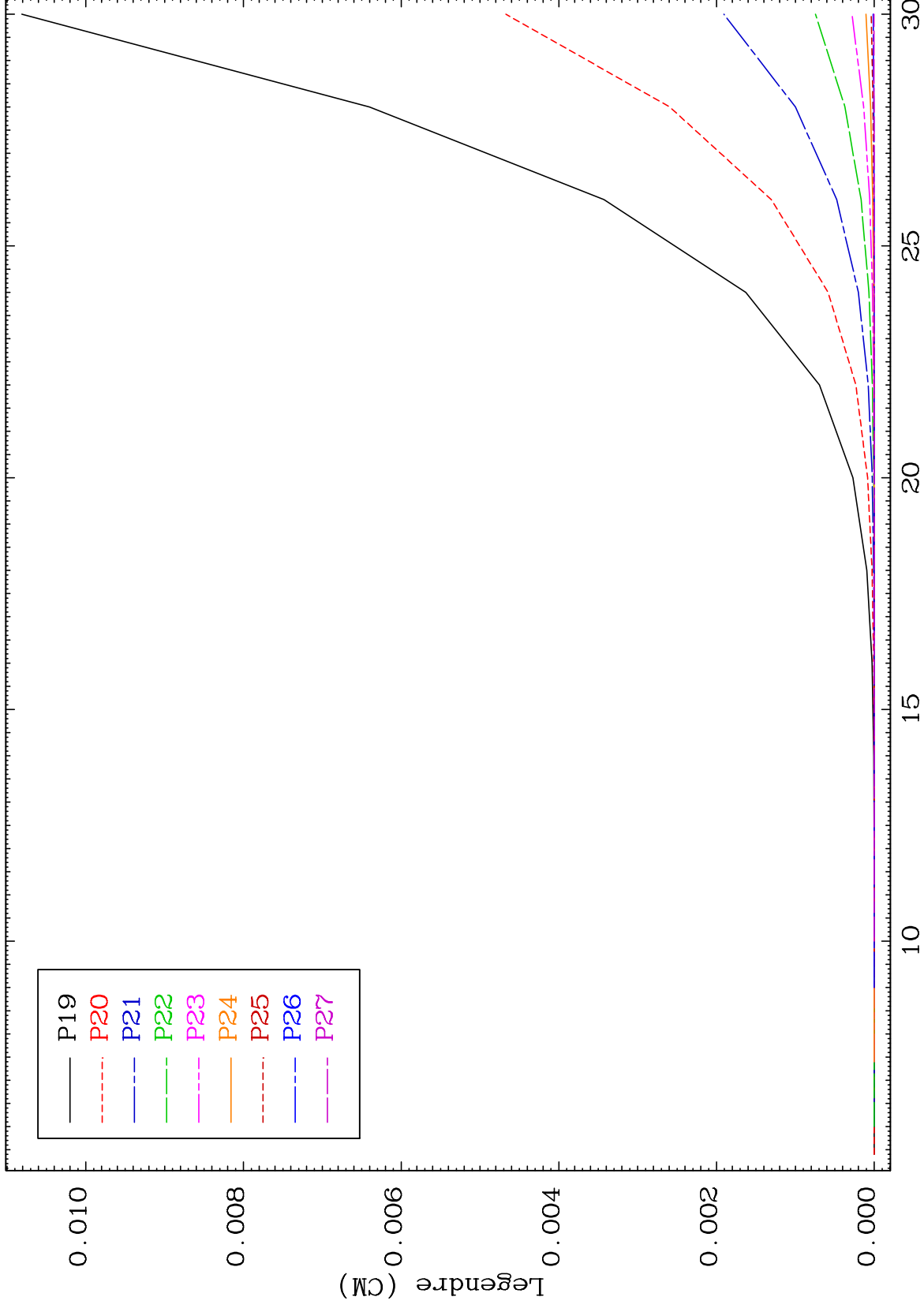
54-Xe-136



MAT 5461

Elastic Legendre Coefficients

54-Xe-136



18

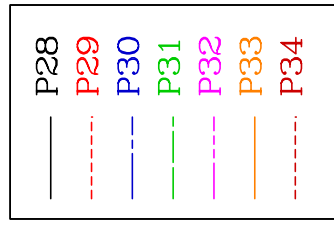
Incident Energy (MeV)

54-Xe-136

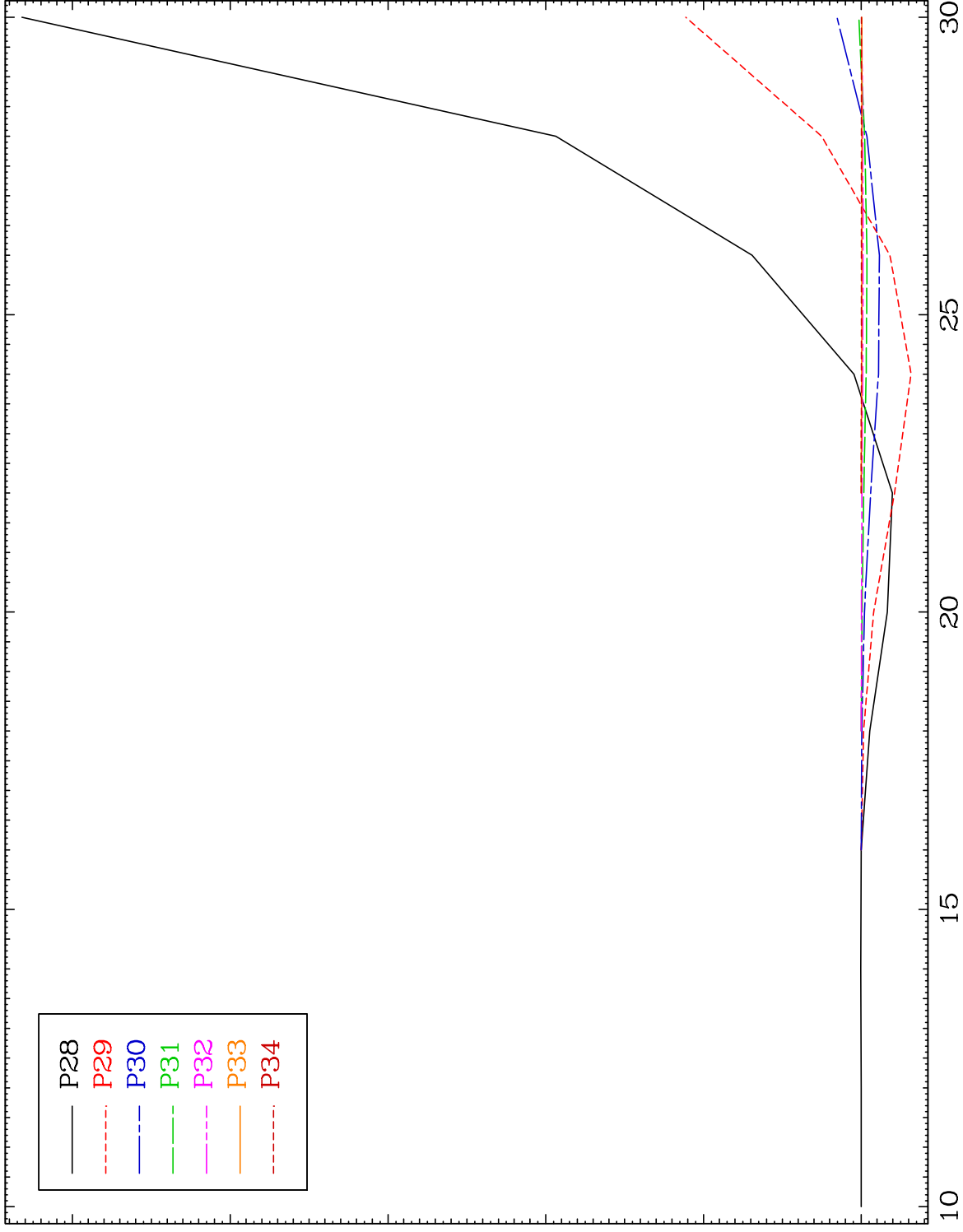
MAT 5461

Elastic
Legendre Coefficients

54-Xe-136



Legendre (CM)
 $\times 10^{-6}$



19

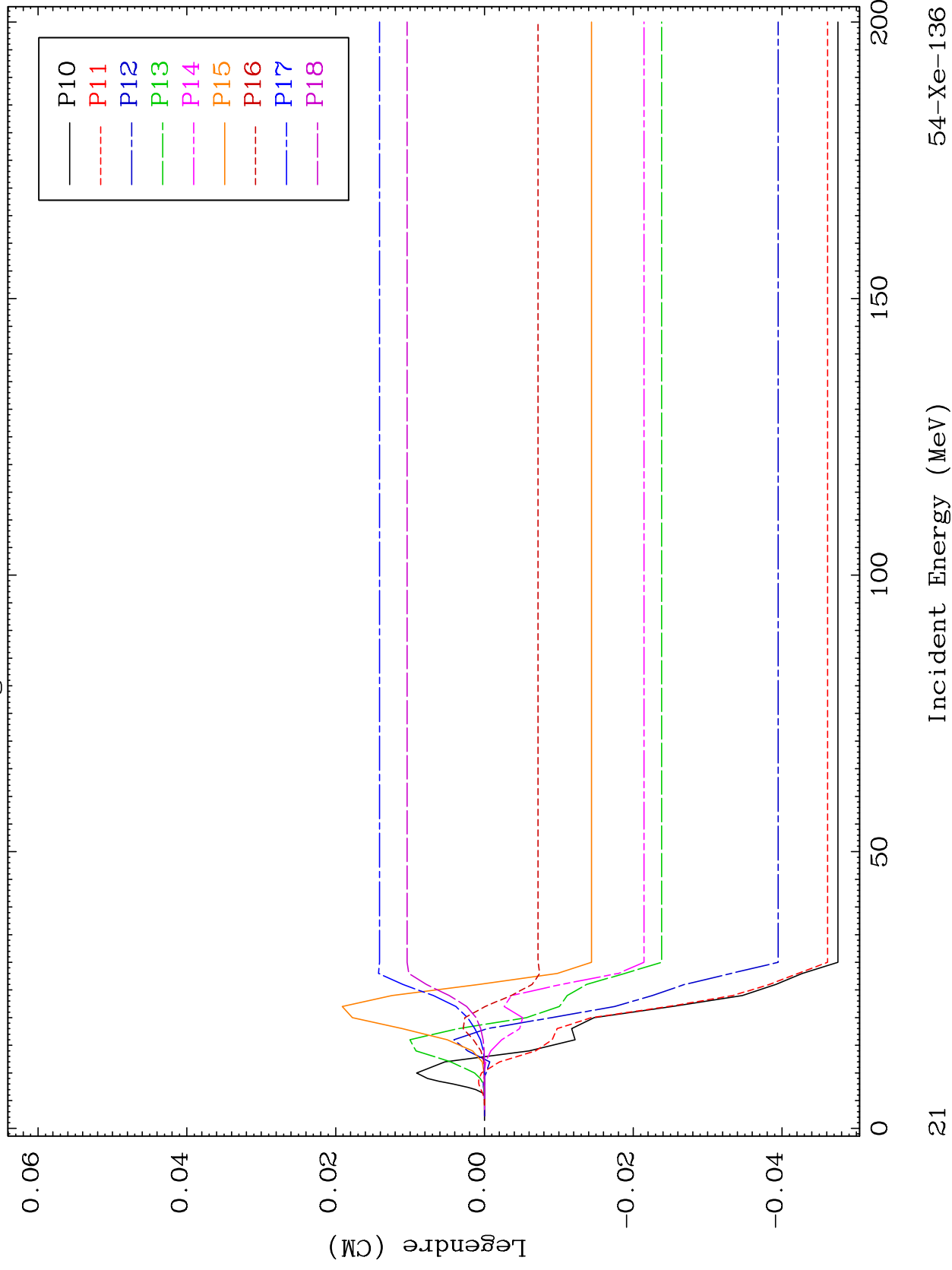
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

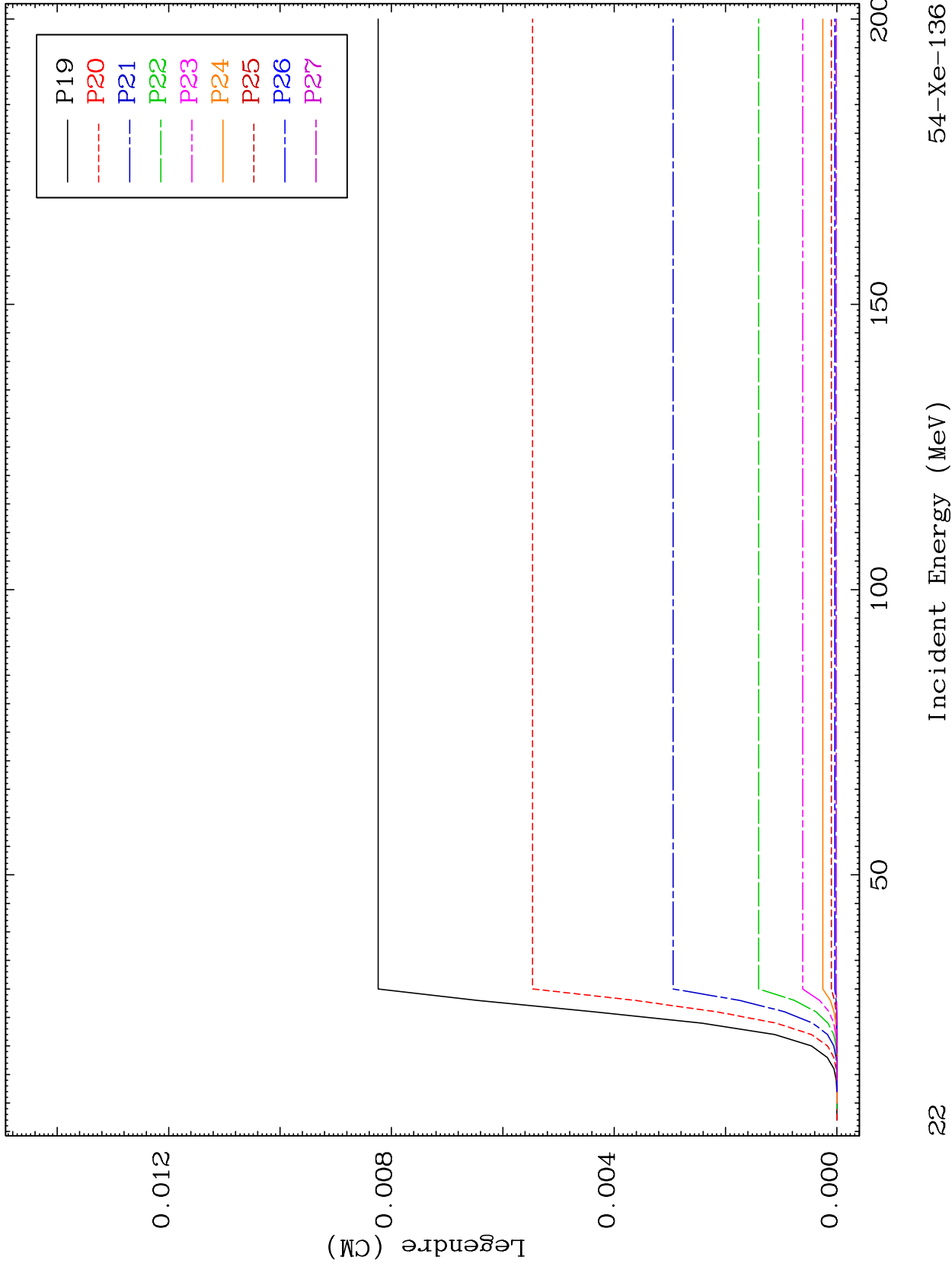
54-Xe-136



MAT 5461

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

54-Xe-136



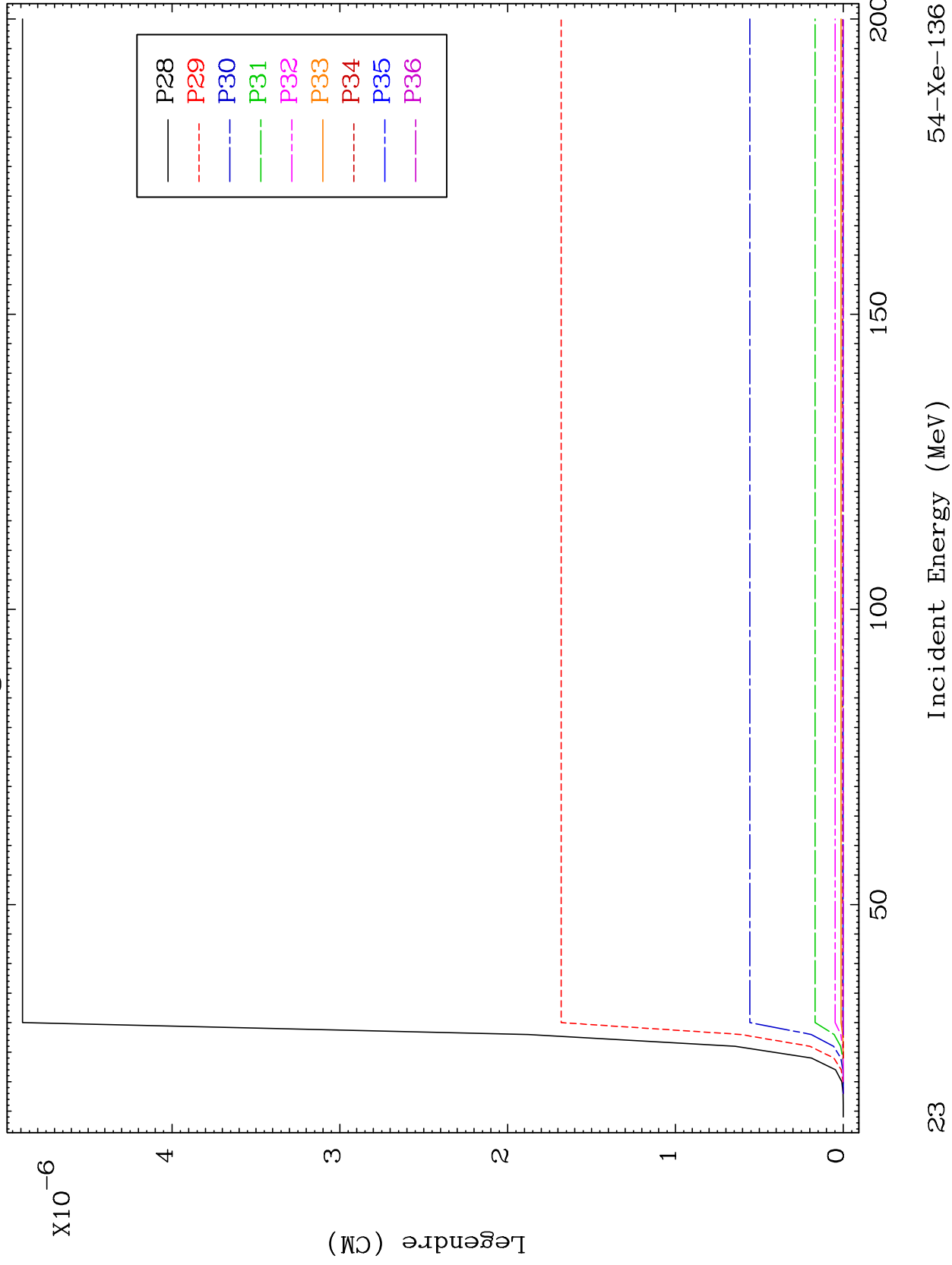
22

54-Xe-136

MAT 5461

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

54-Xe-136

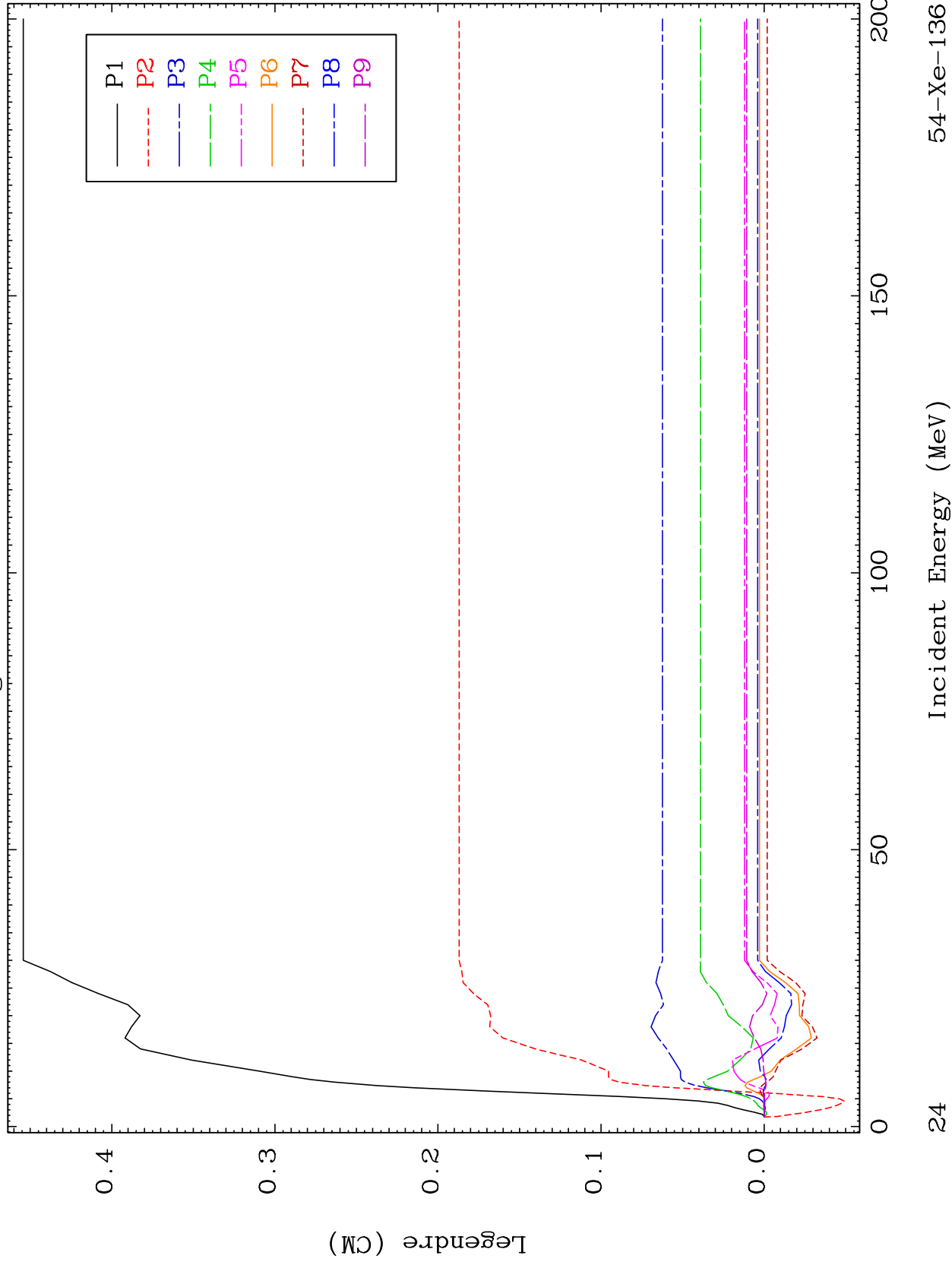


23

MAT 5461

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

54-Xe-136



54-Xe-136

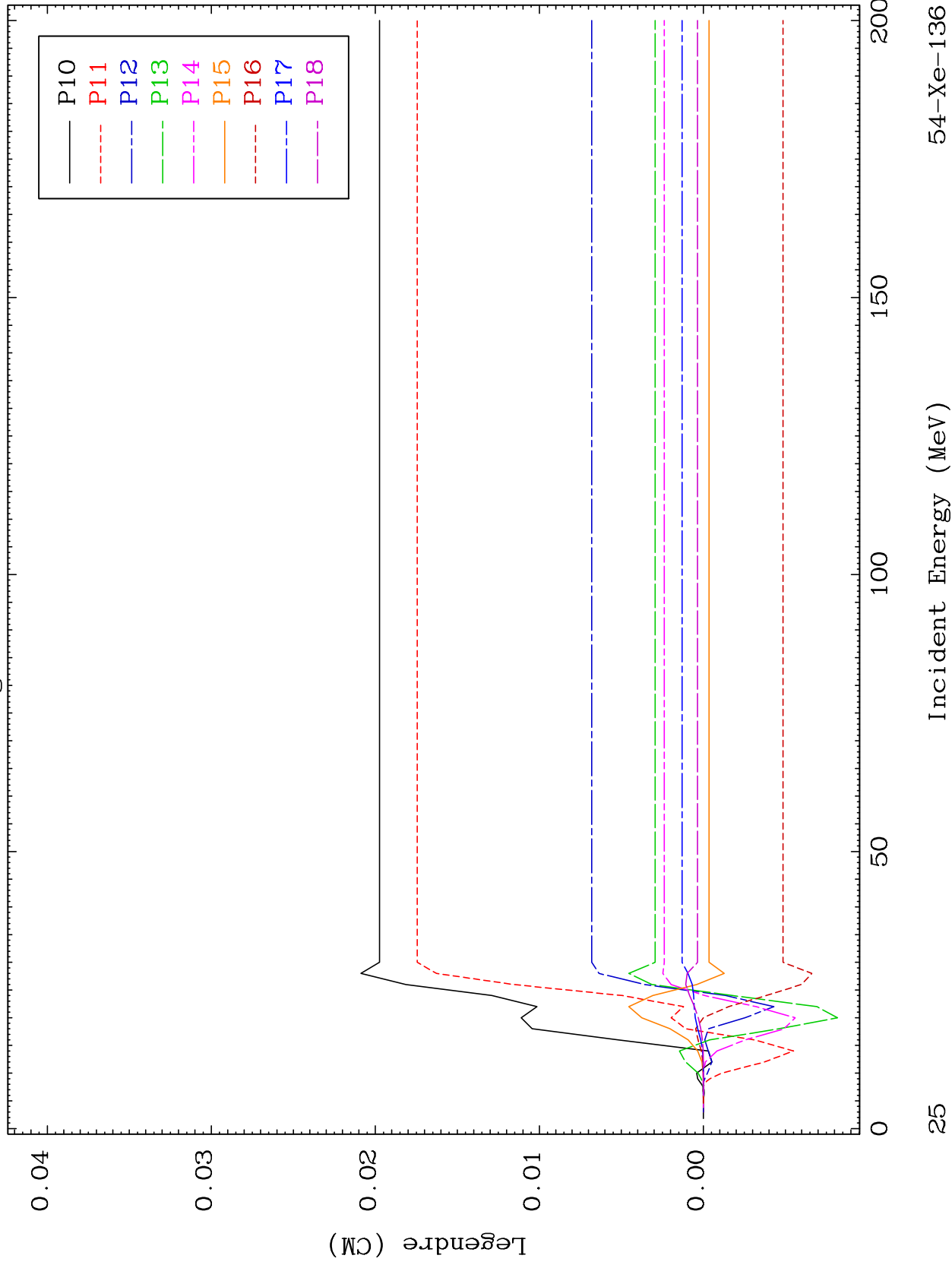
Incident Energy (MeV)

24

MAT 5461

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

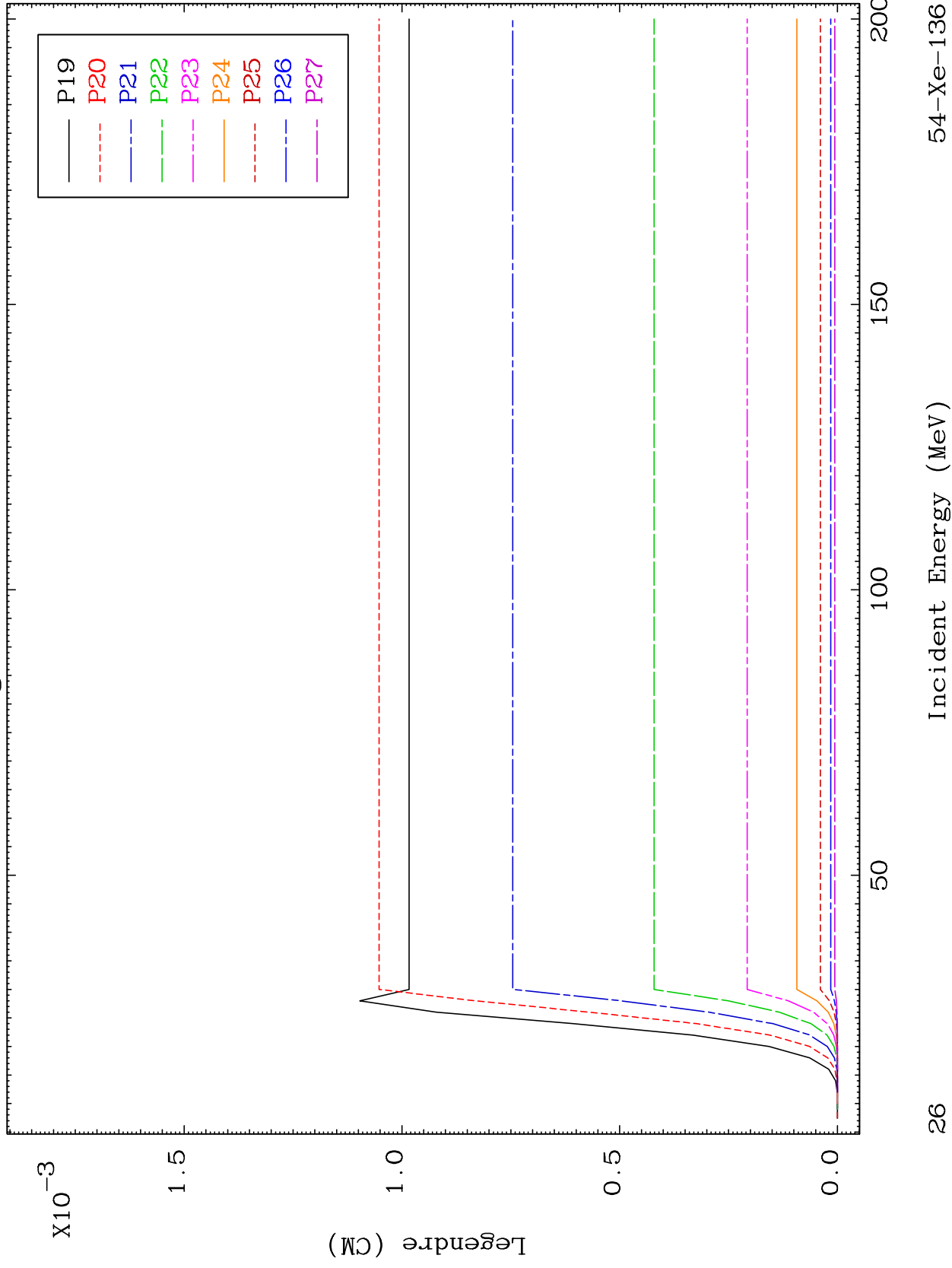
54-Xe-136



54-Xe-136

Incident Energy (MeV)

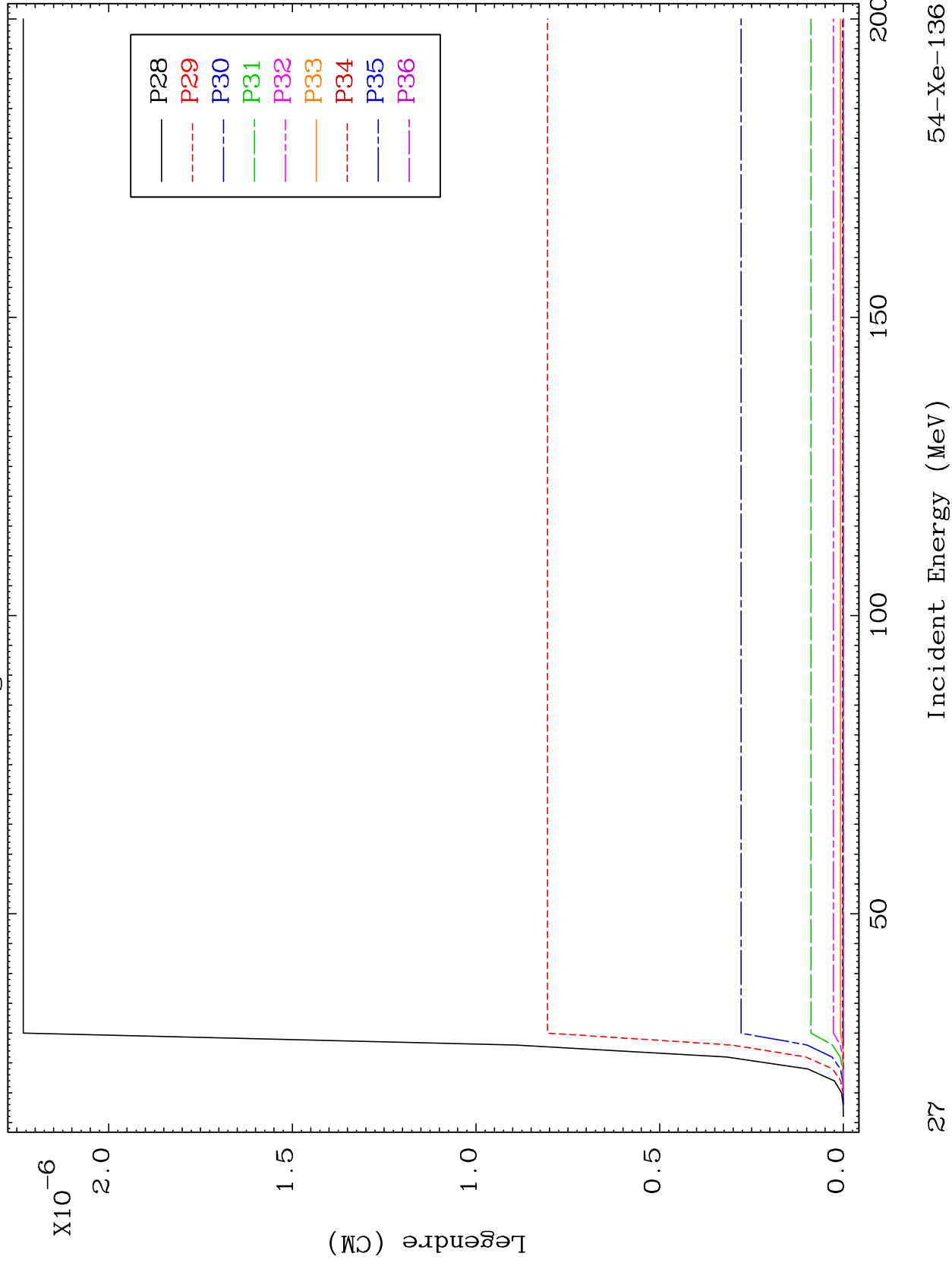
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MAT 5461

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

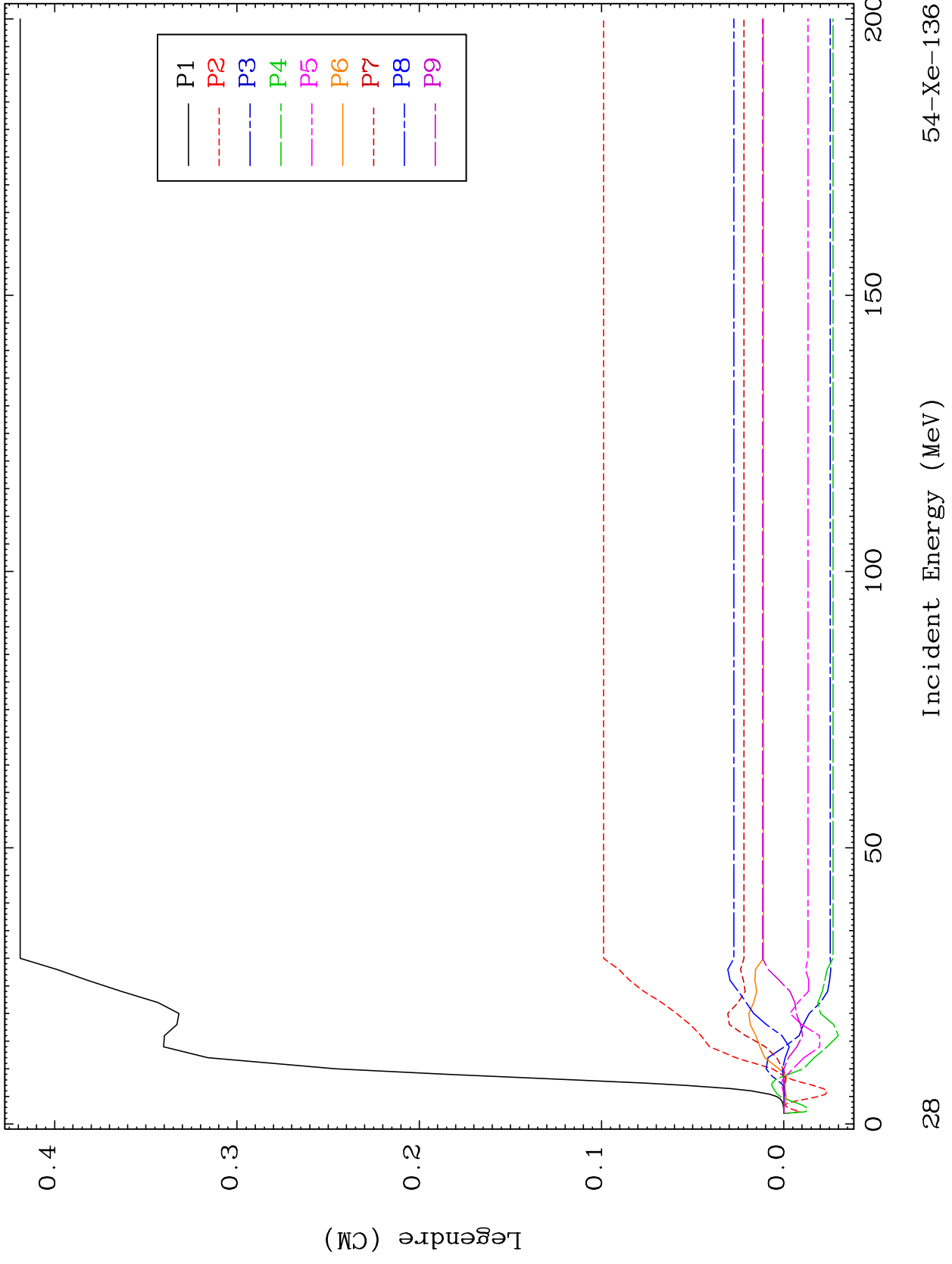
54-Xe-136



MAT 5461

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

54-Xe-136



54-Xe-136

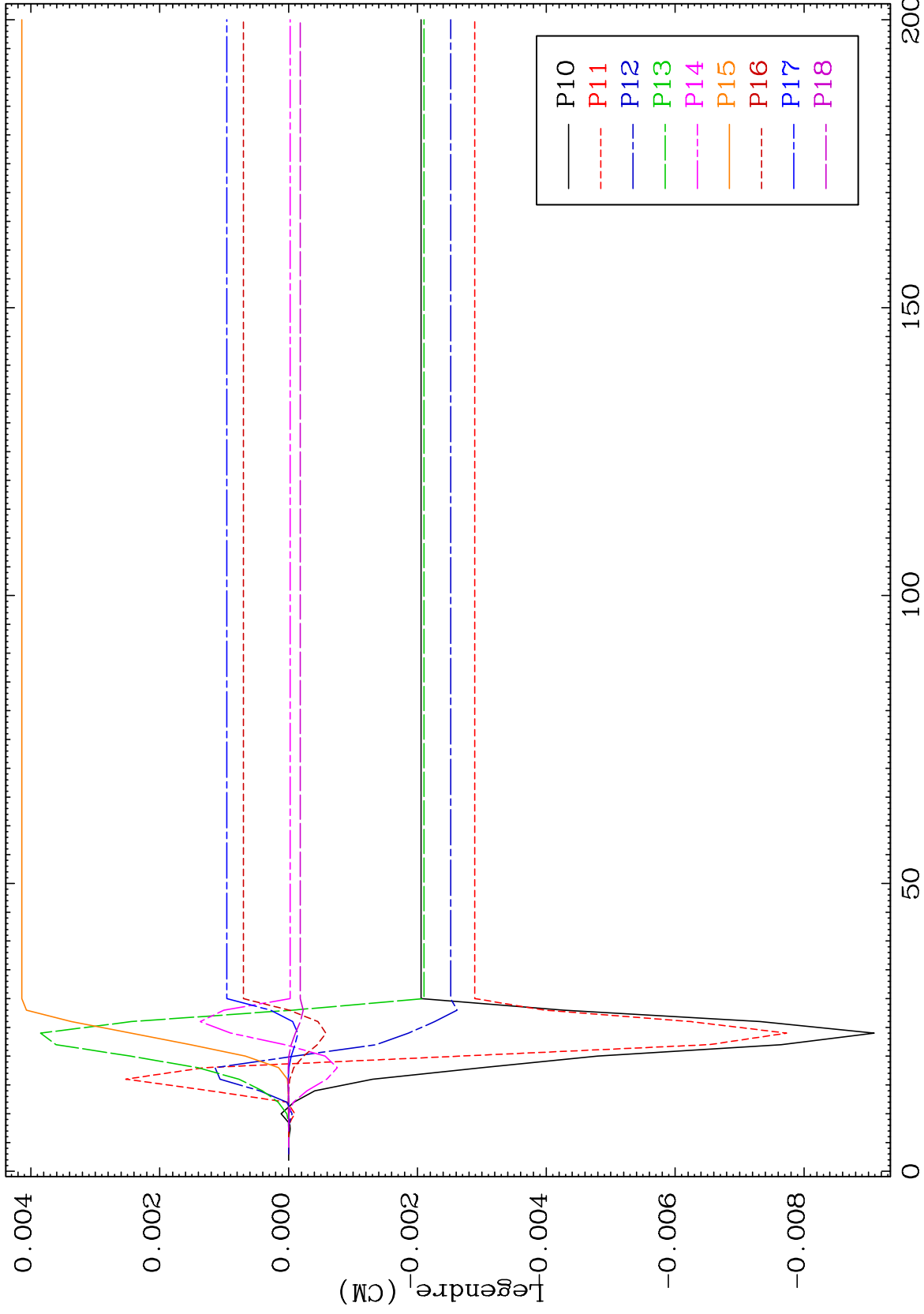
Incident Energy (MeV)

28

MAT 5461

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

54-Xe-136



29

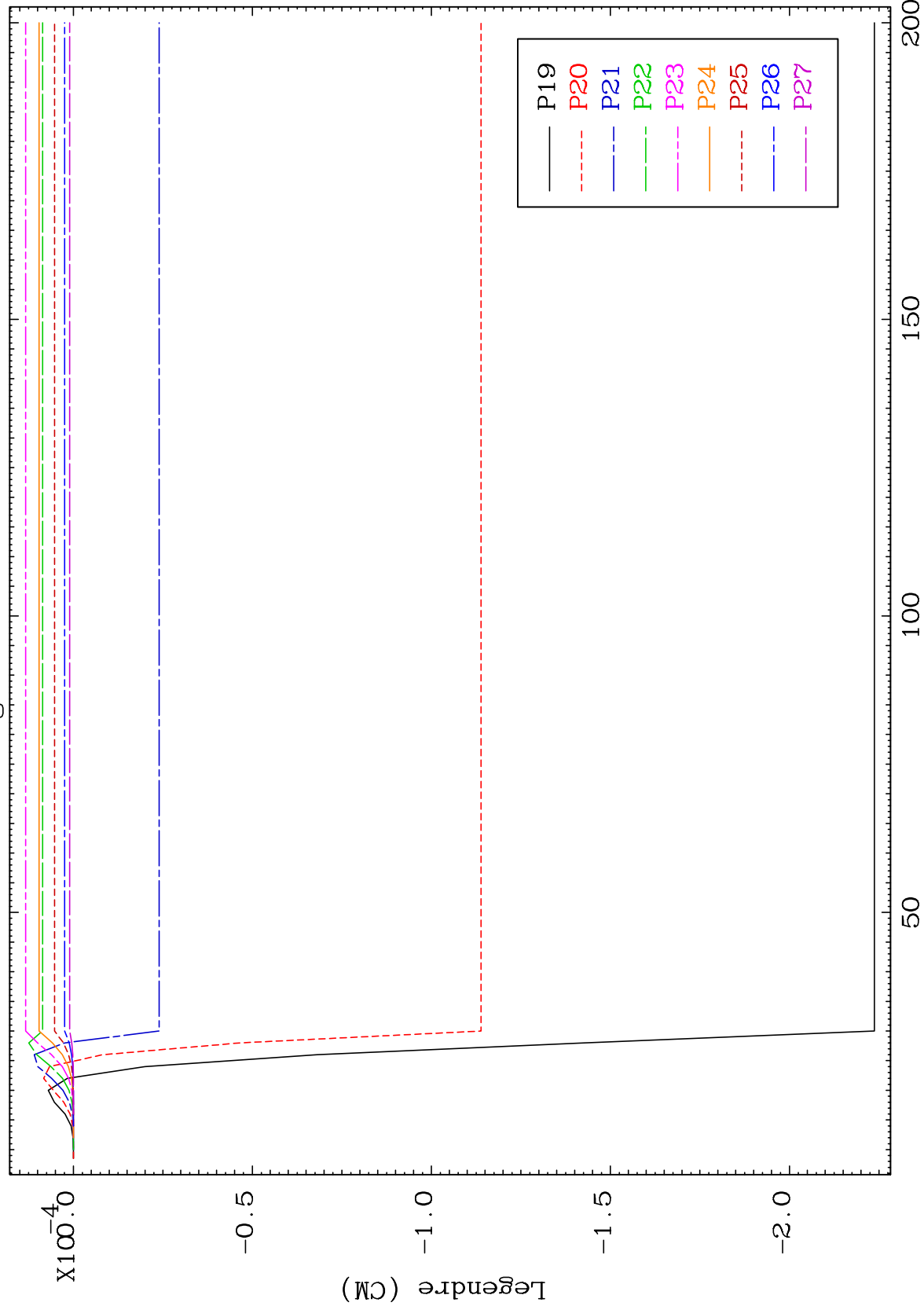
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



54-Xe-136

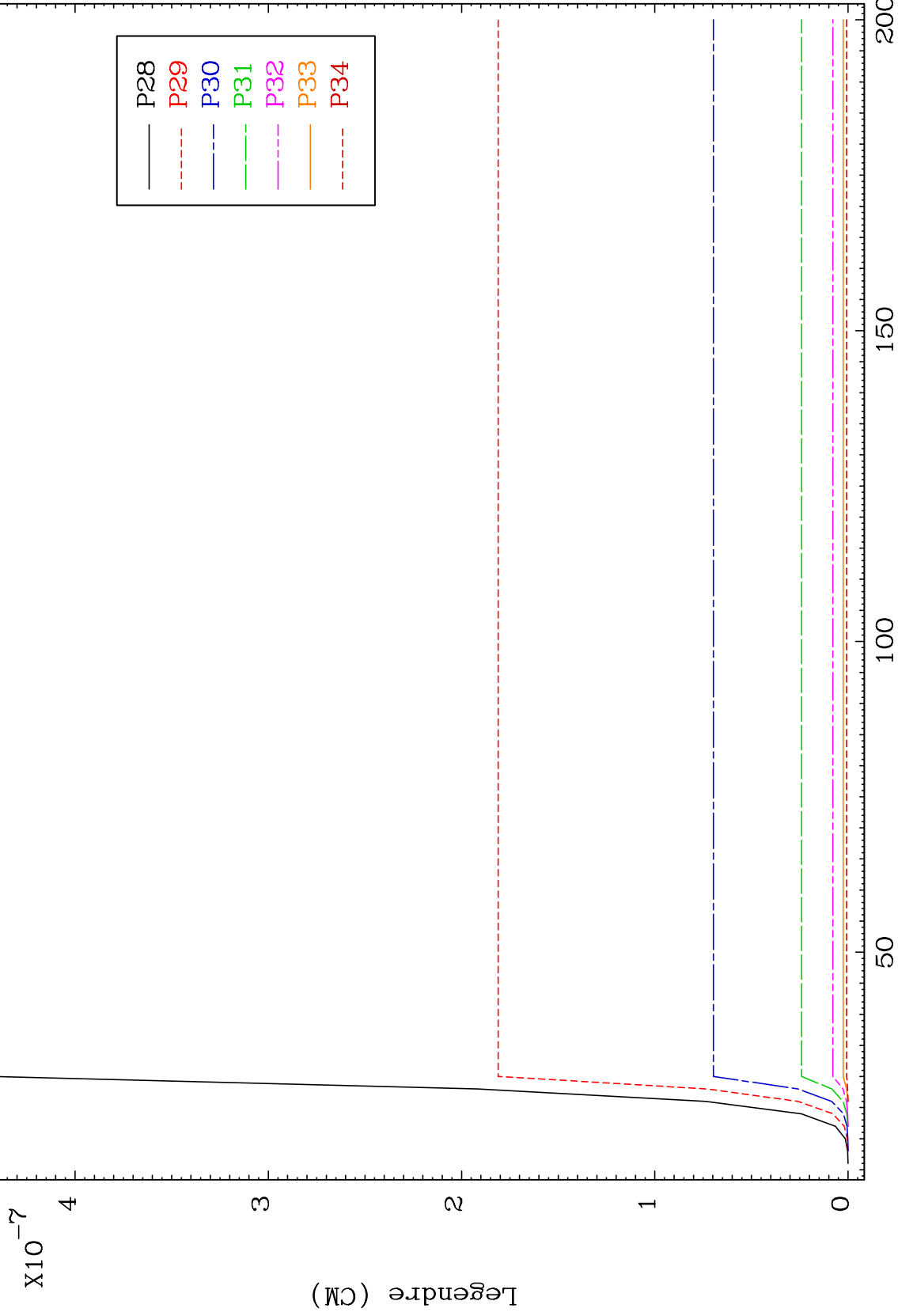
Incident Energy (MeV)

30

MAT 5461

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

54-Xe-136



31

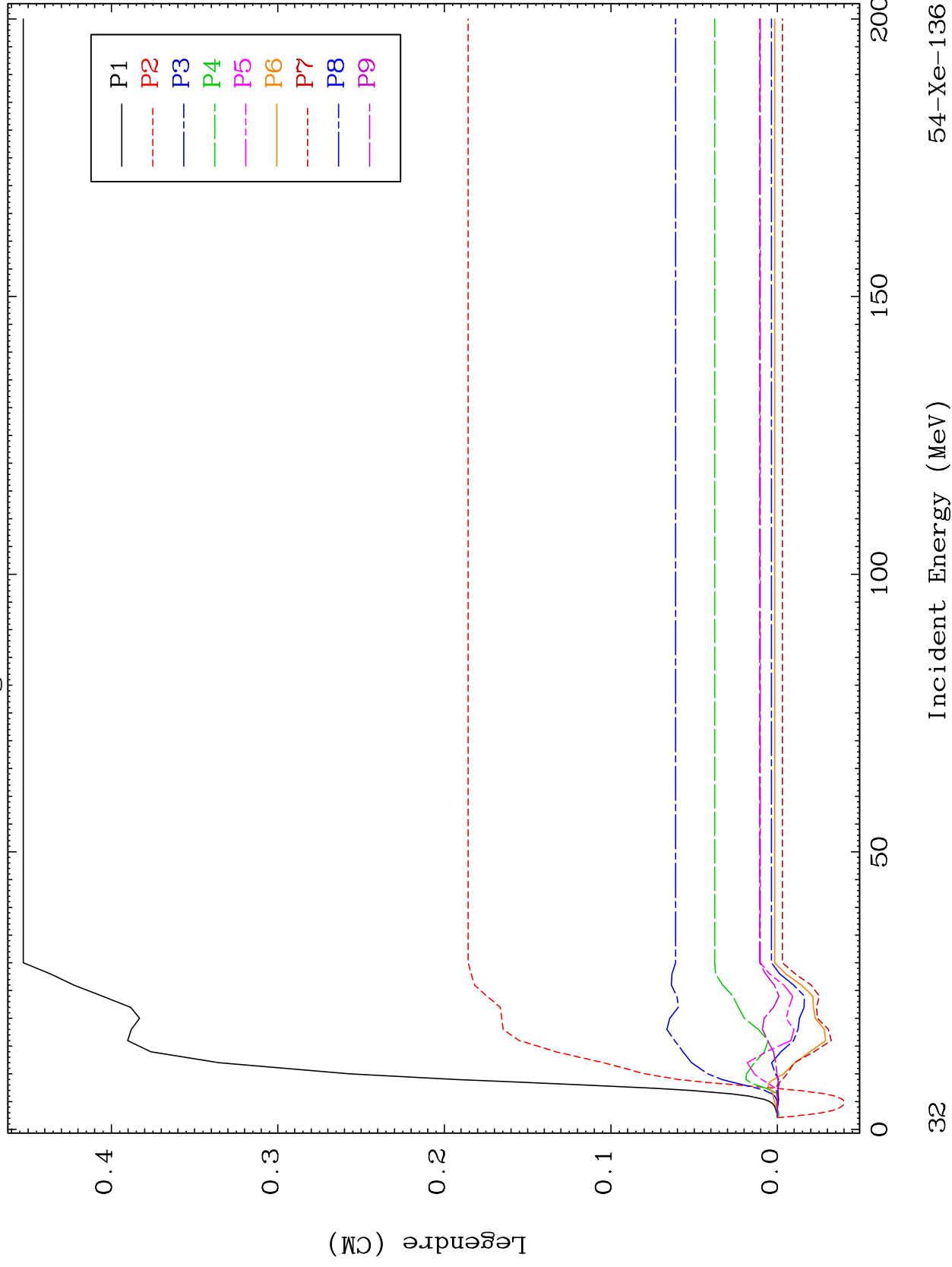
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



54-Xe-136

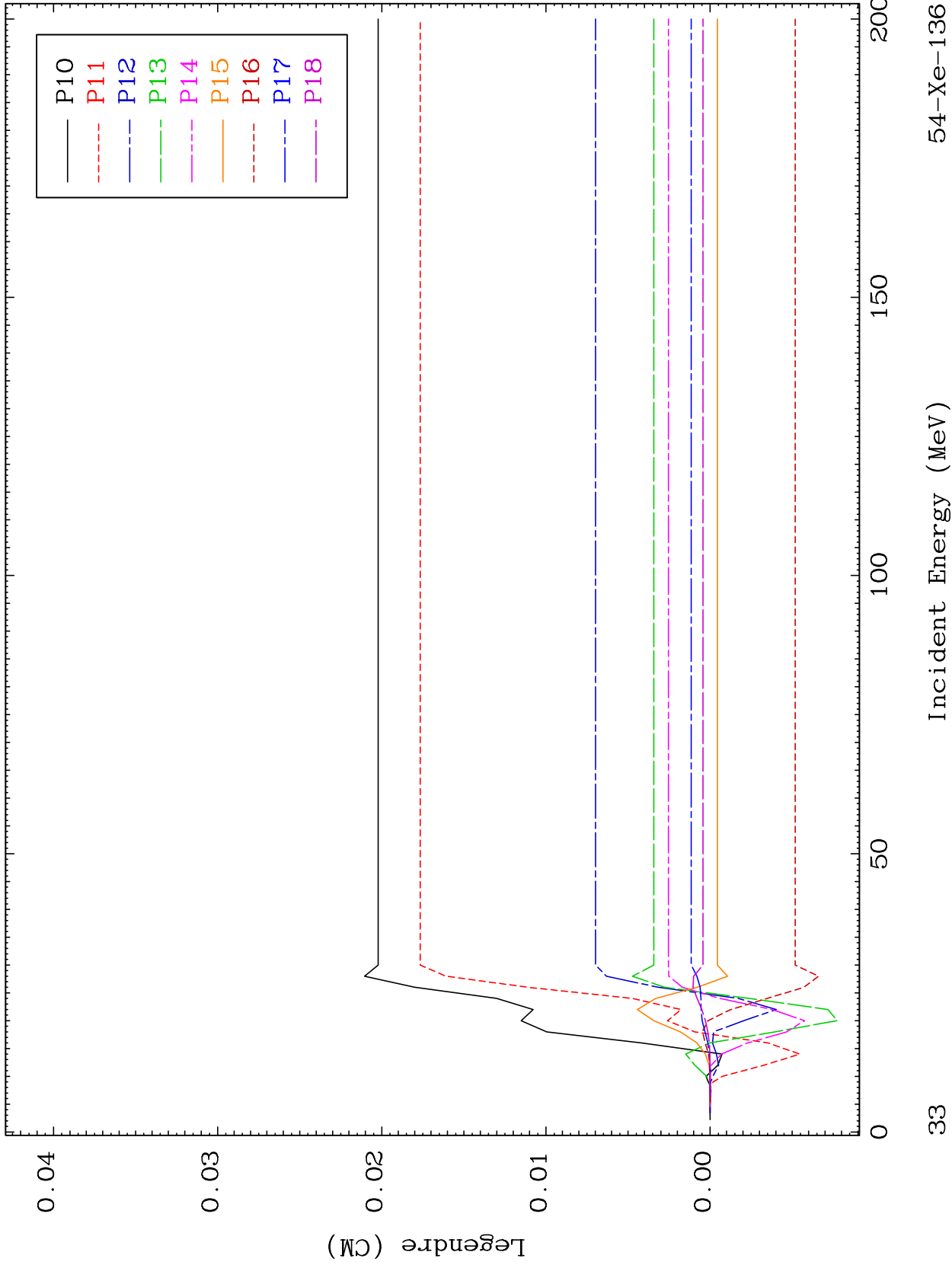
Incident Energy (MeV)

32

MAT 5461

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

54-Xe-136



33

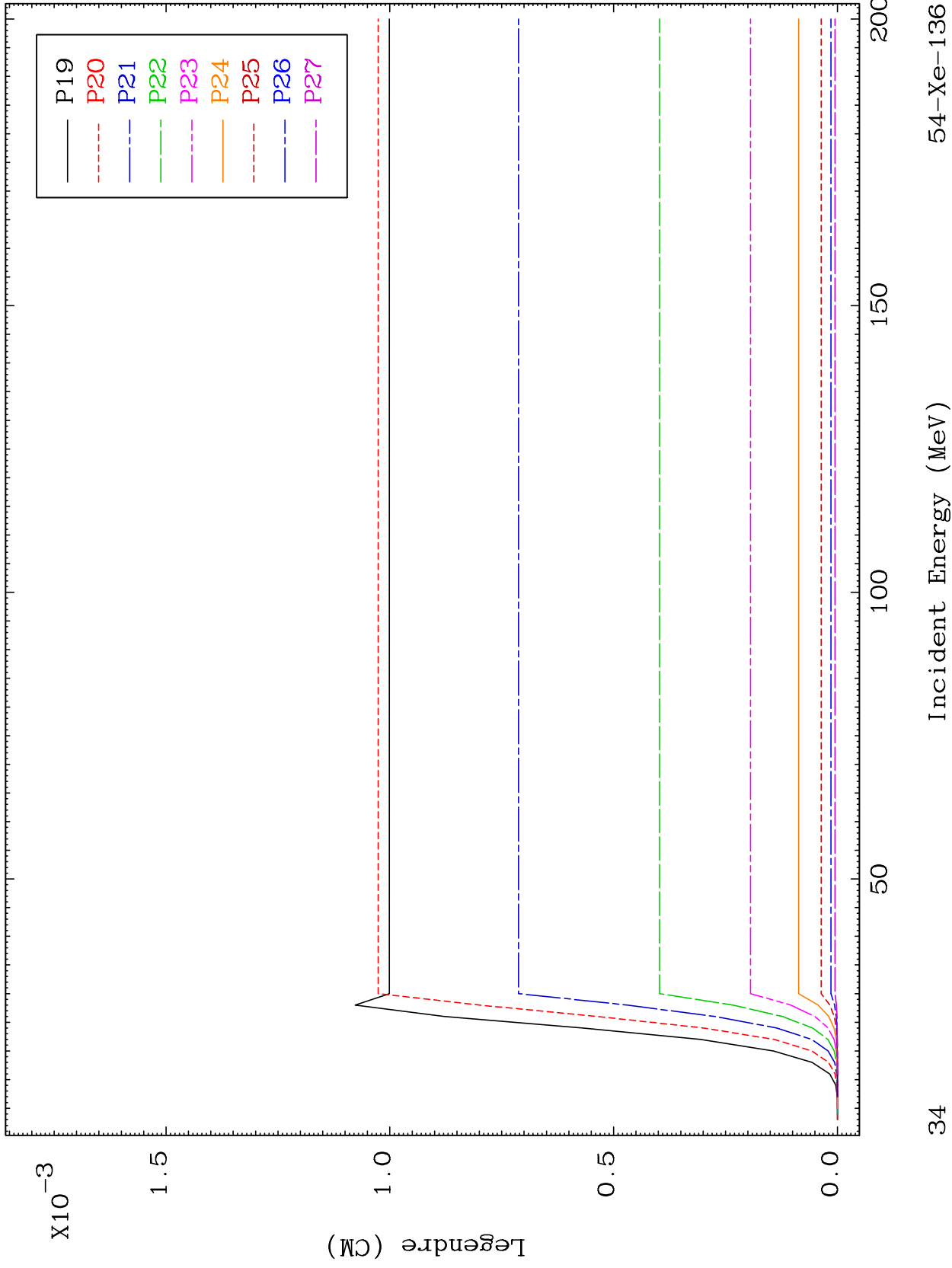
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



34

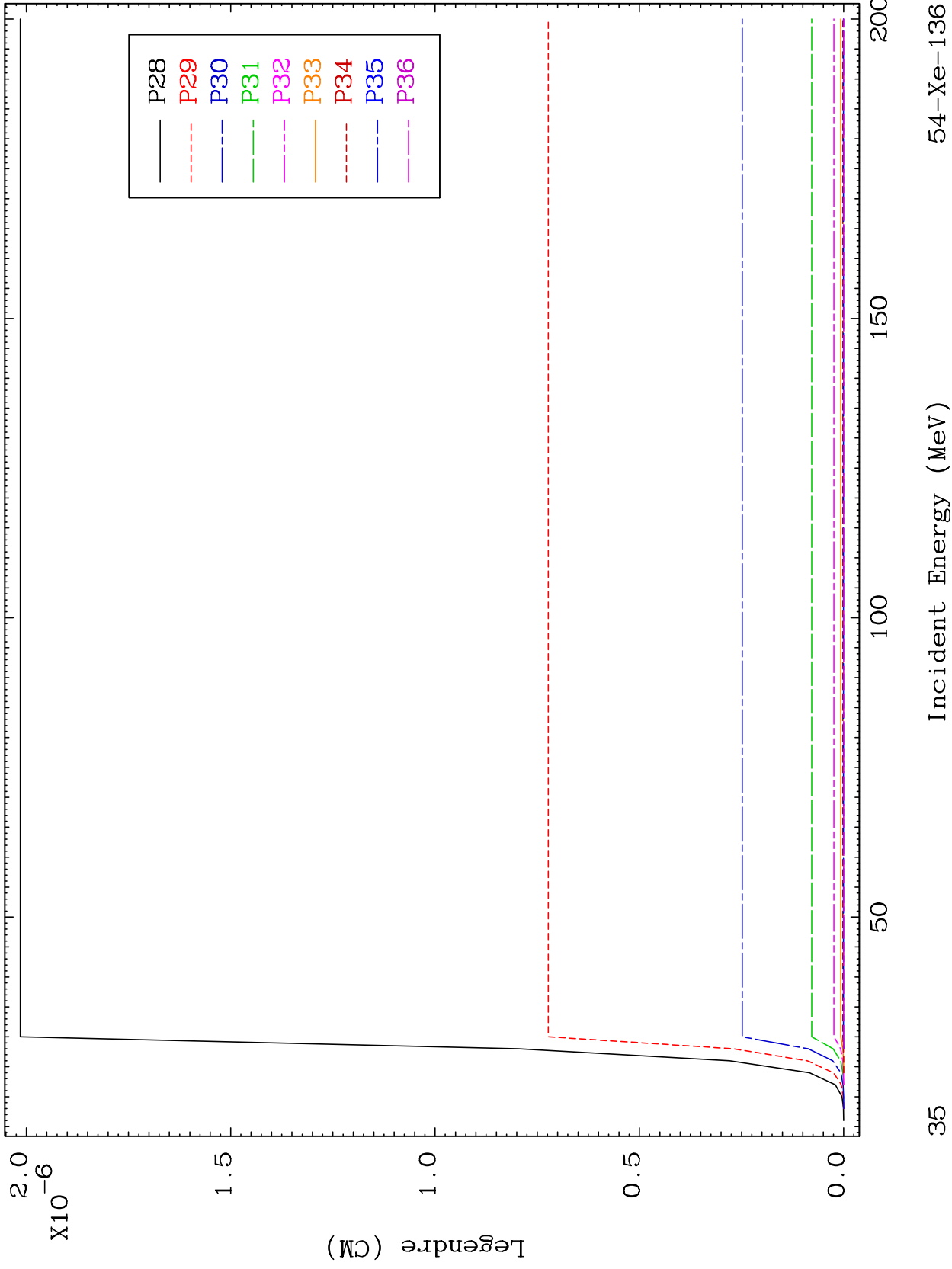
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



35

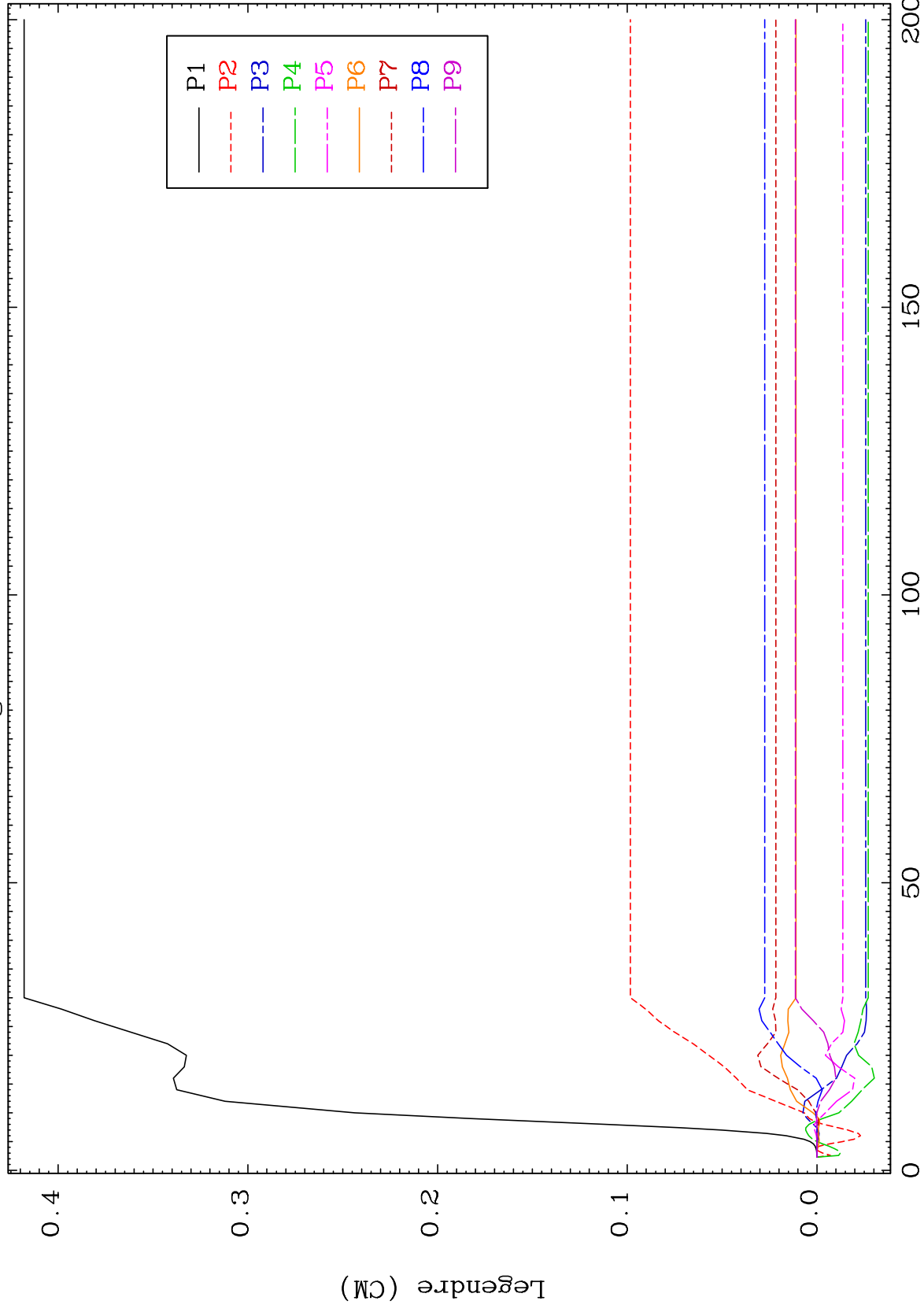
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



36

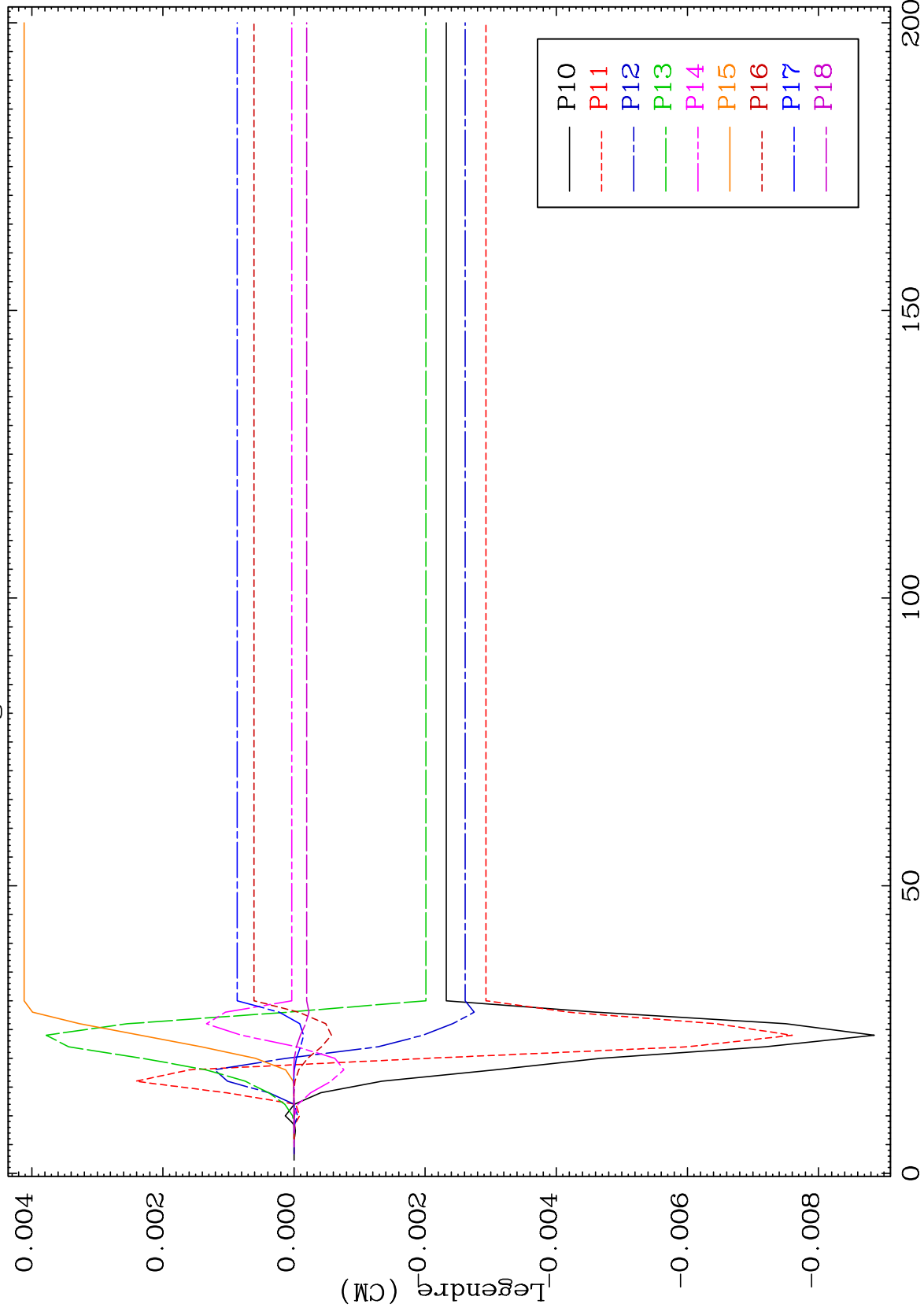
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



37

Incident Energy (MeV)

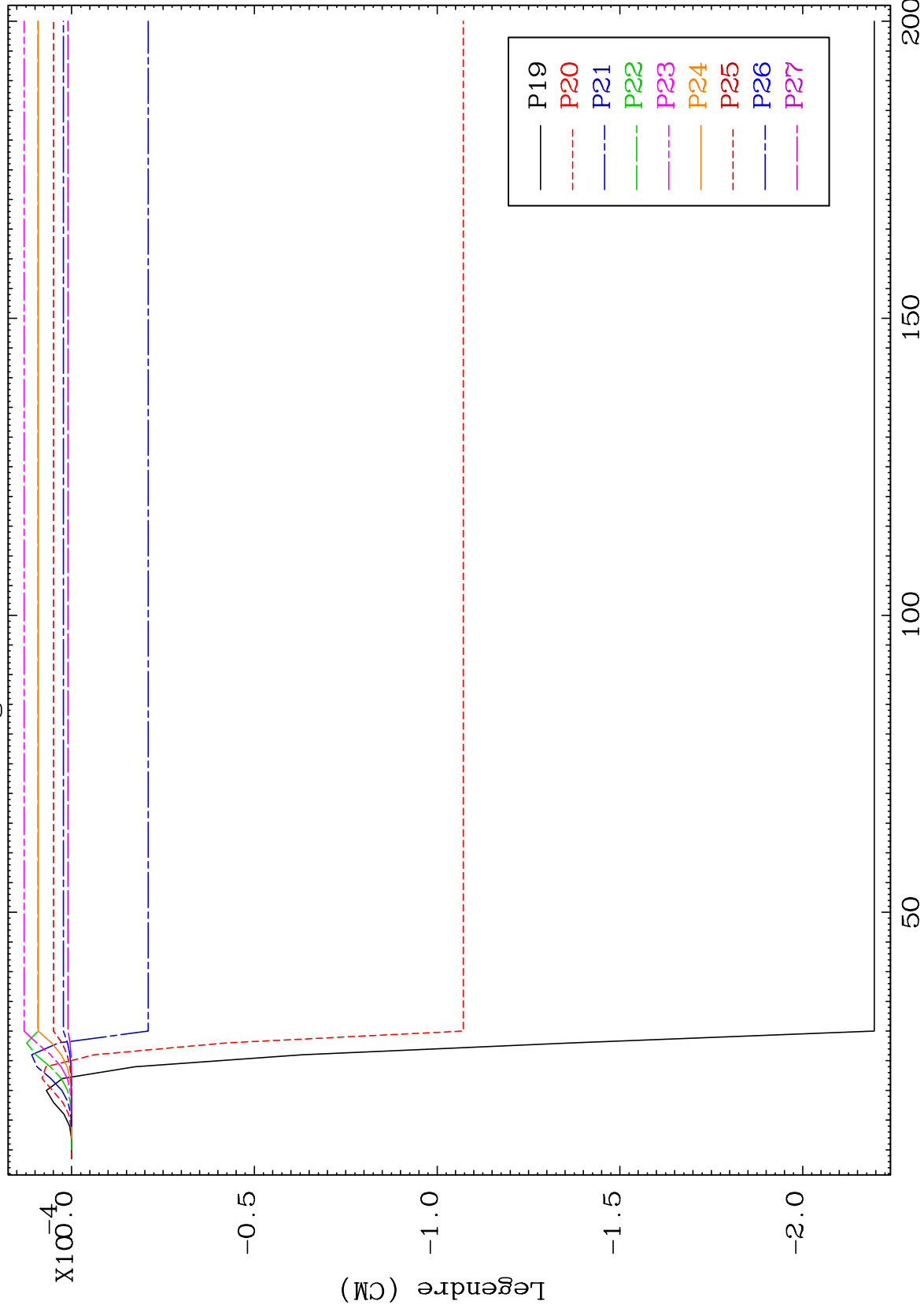
54-Xe-136

MAT 5461

MT= 55 (n,n') Level

54-Xe-136

Legendre Coefficients



38

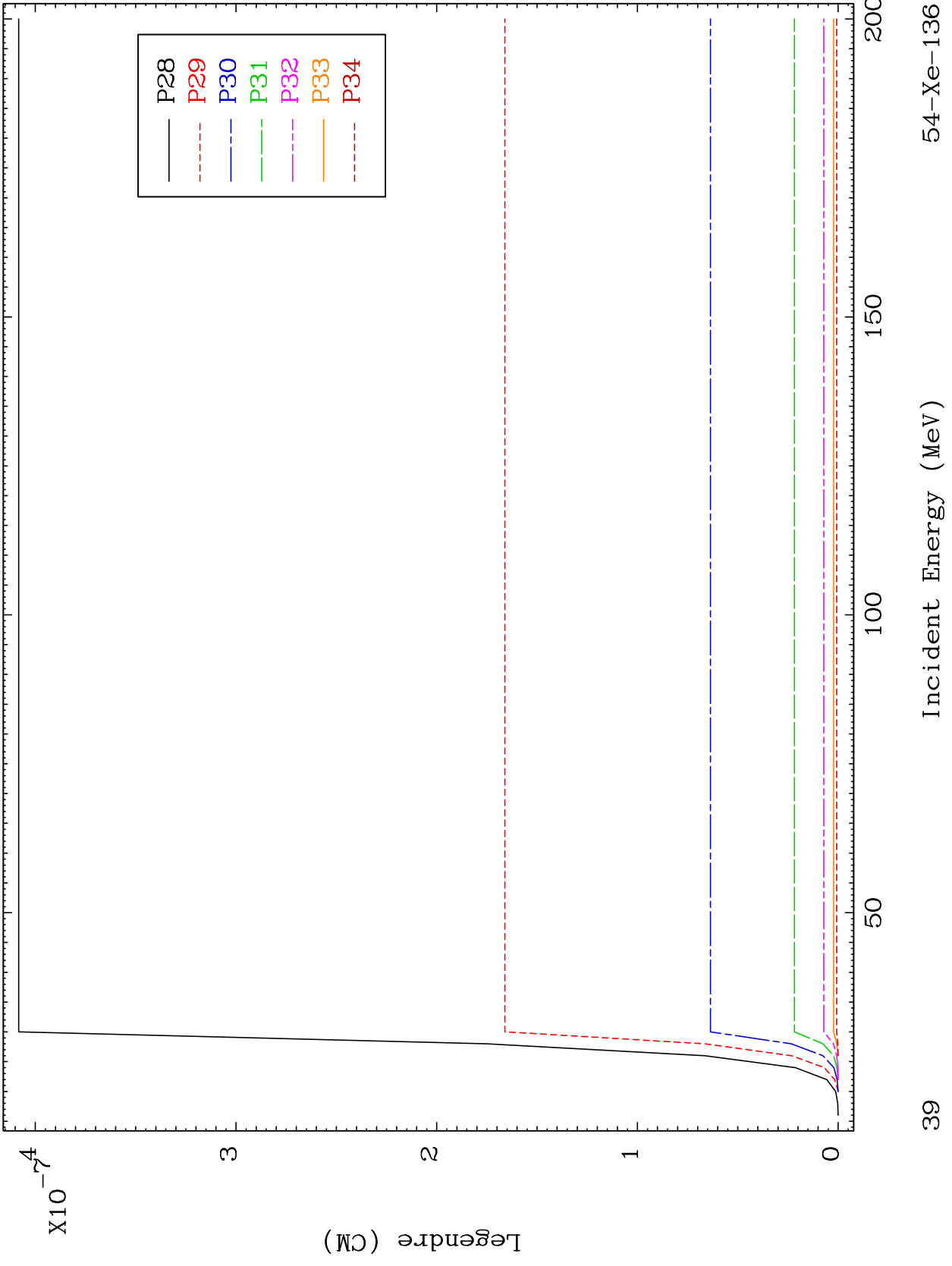
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

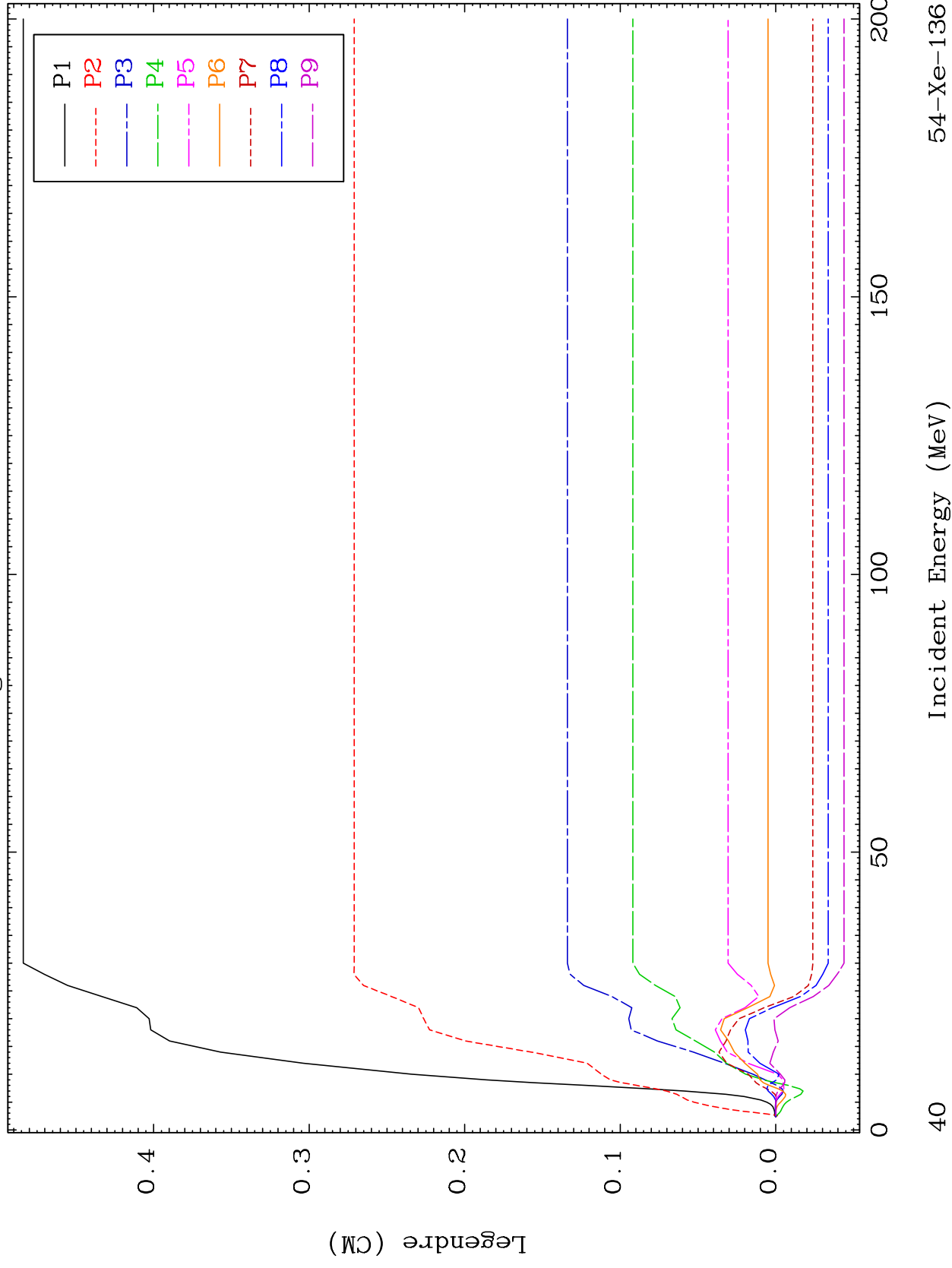
54-Xe-136



MAT 5461

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

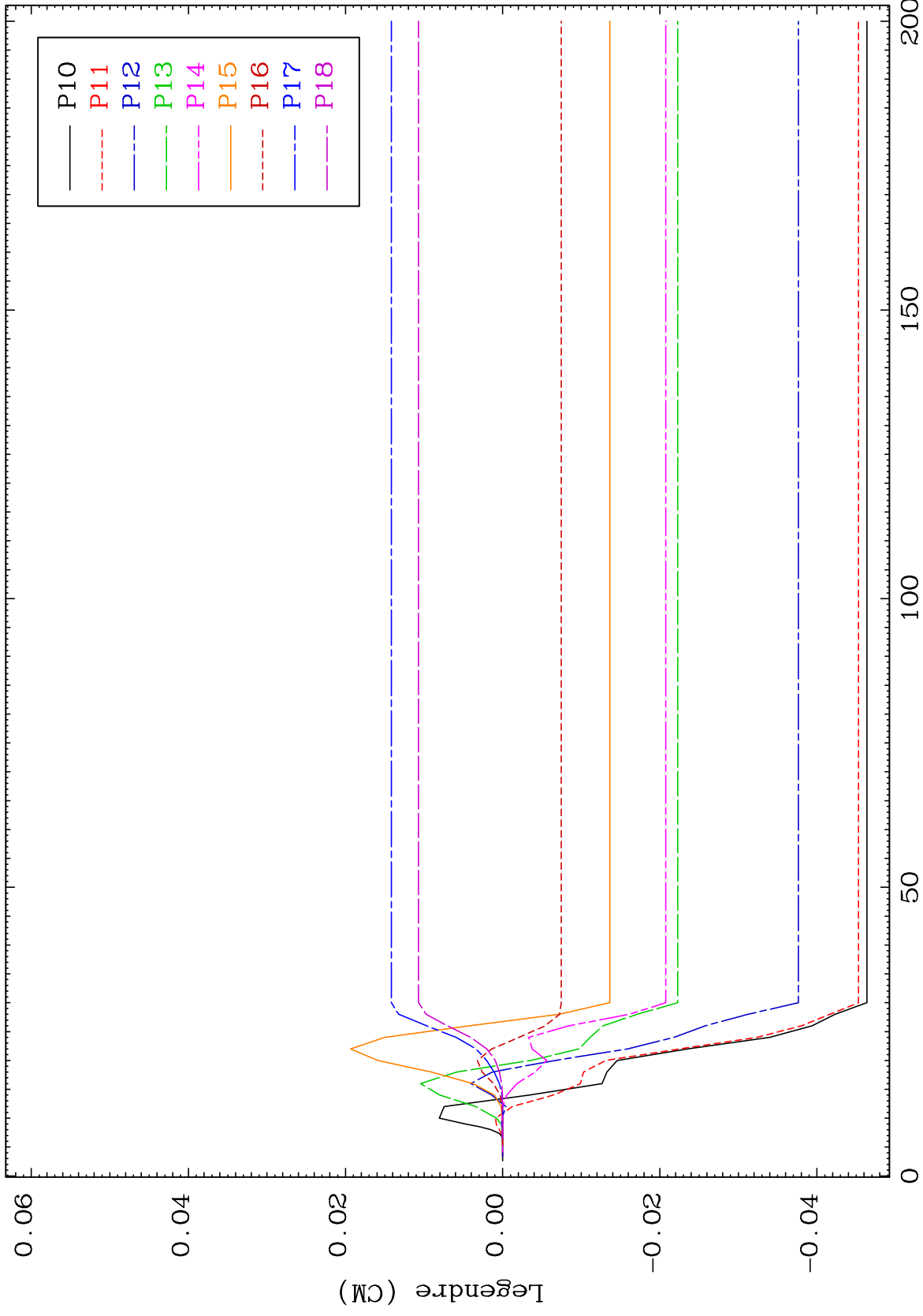
54-Xe-136



MAT 5461

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

54-Xe-136



41

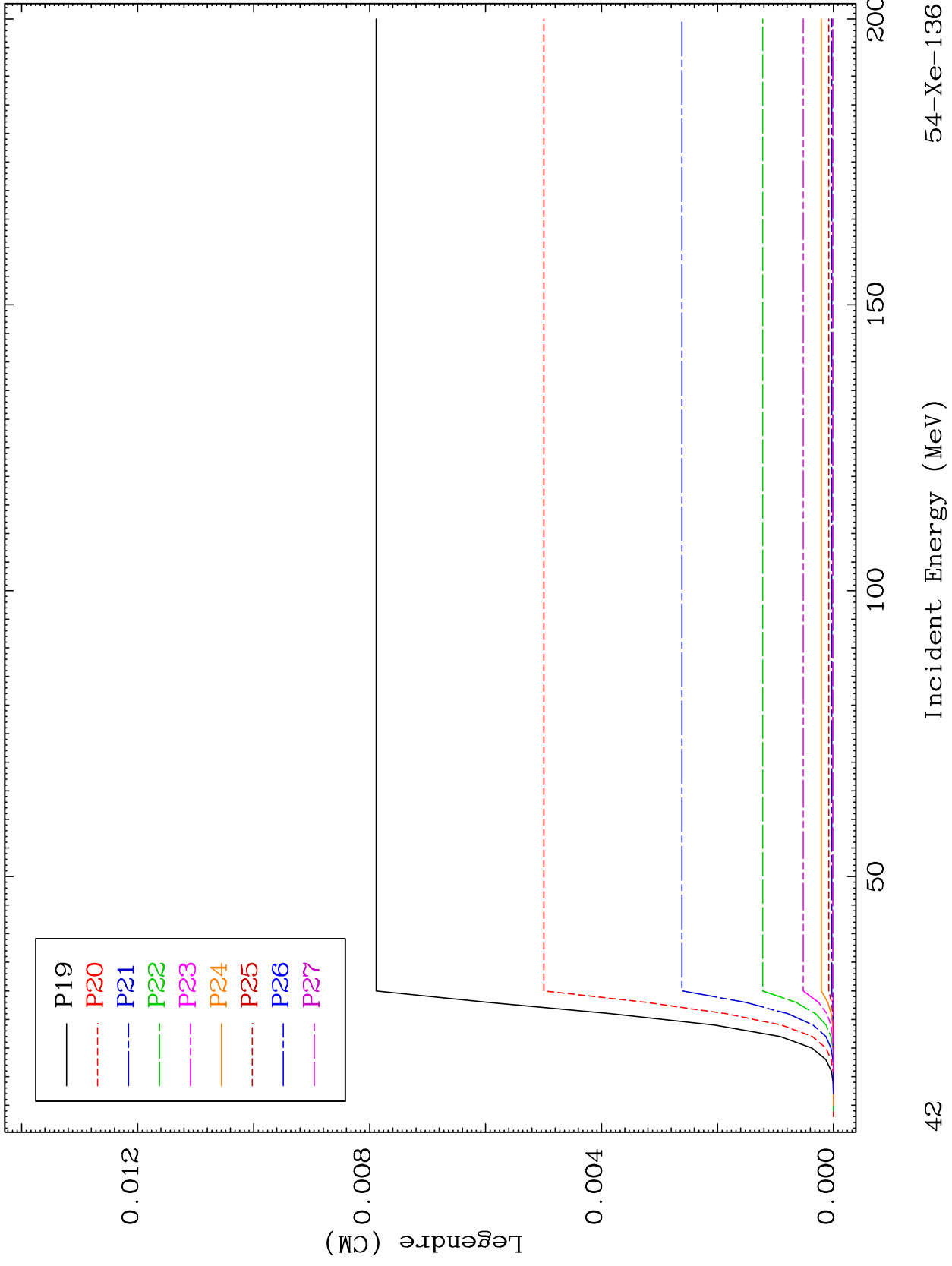
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



42

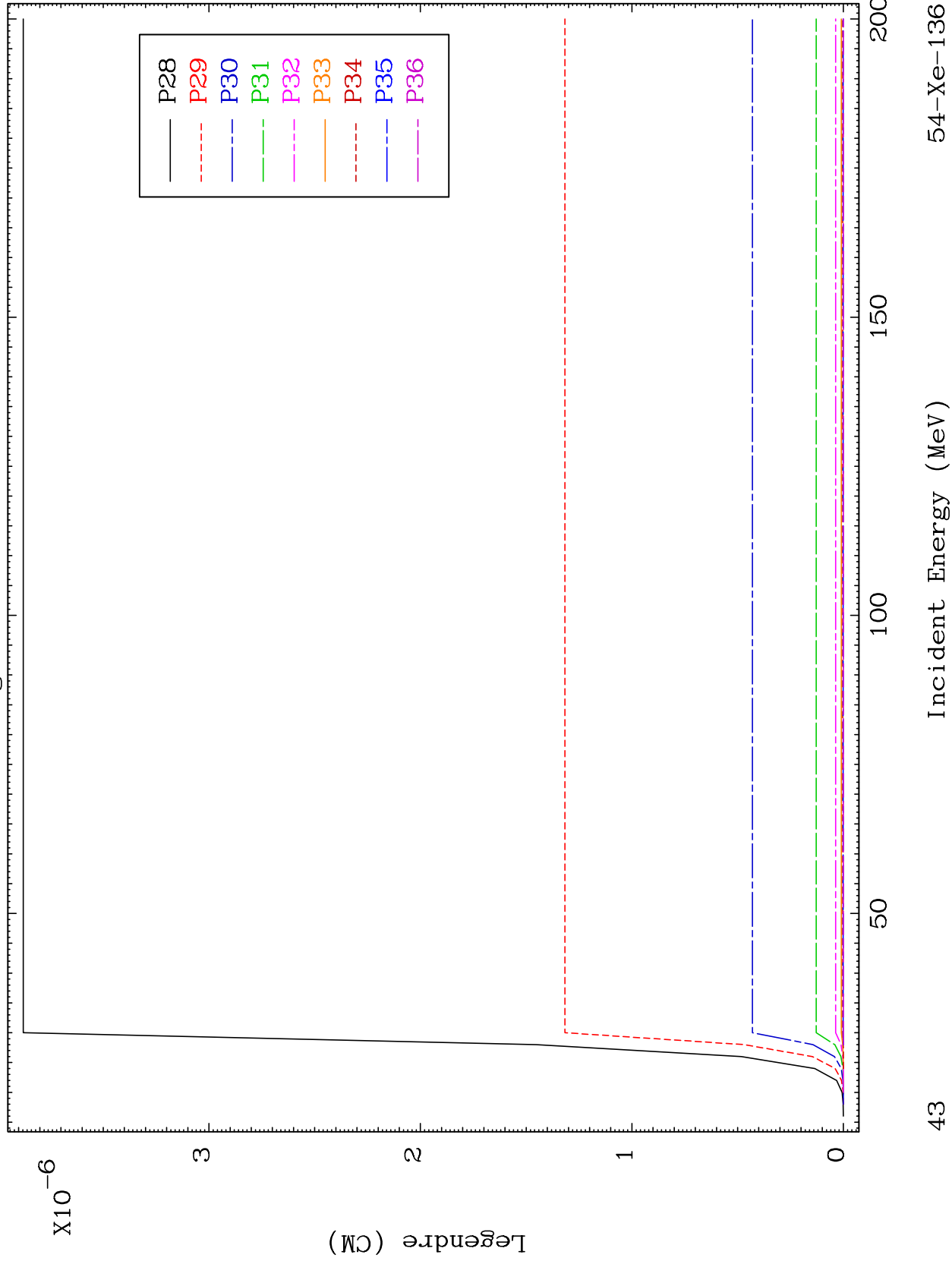
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

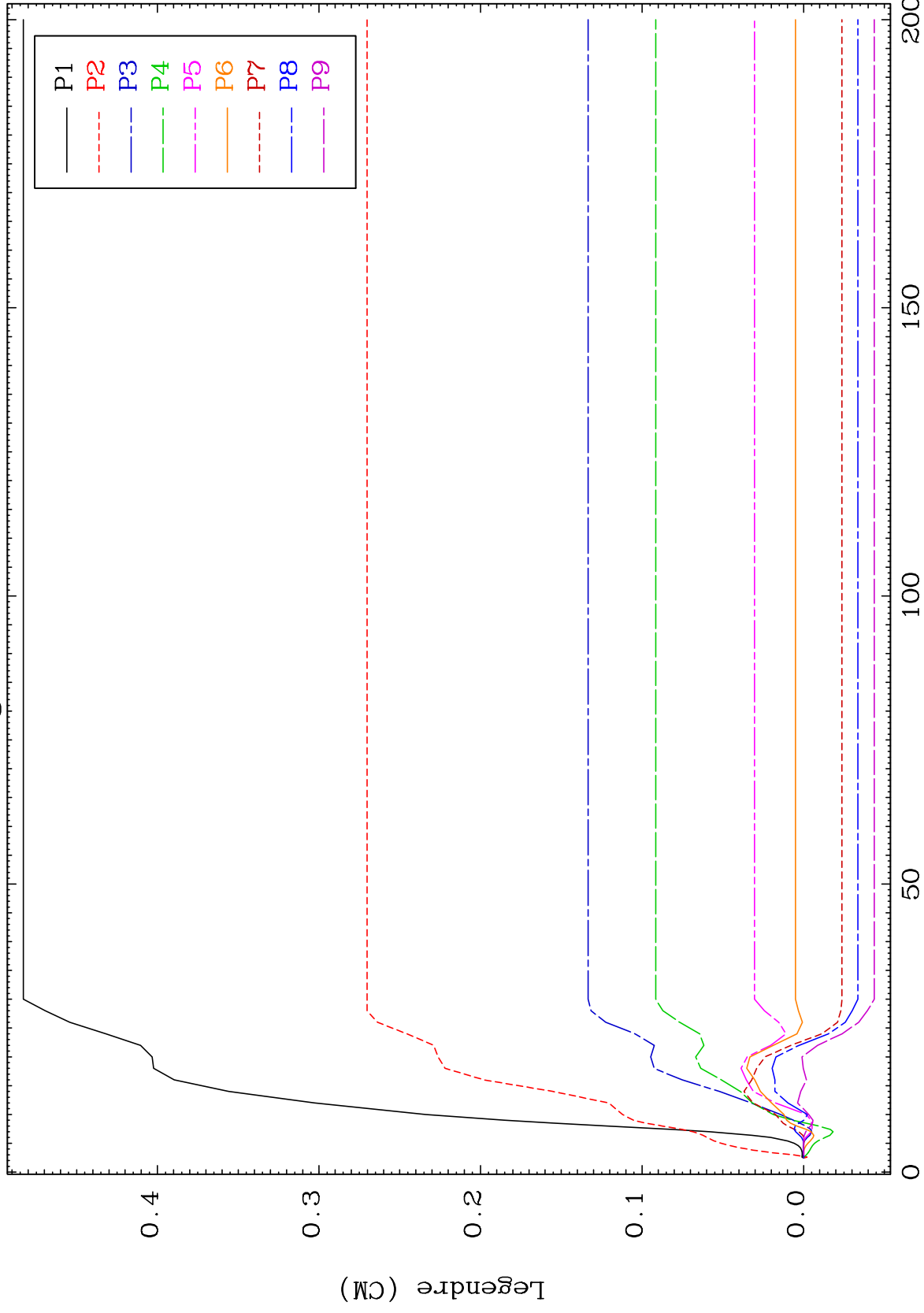
54-Xe-136



MAT 5461

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

54-Xe-136



44

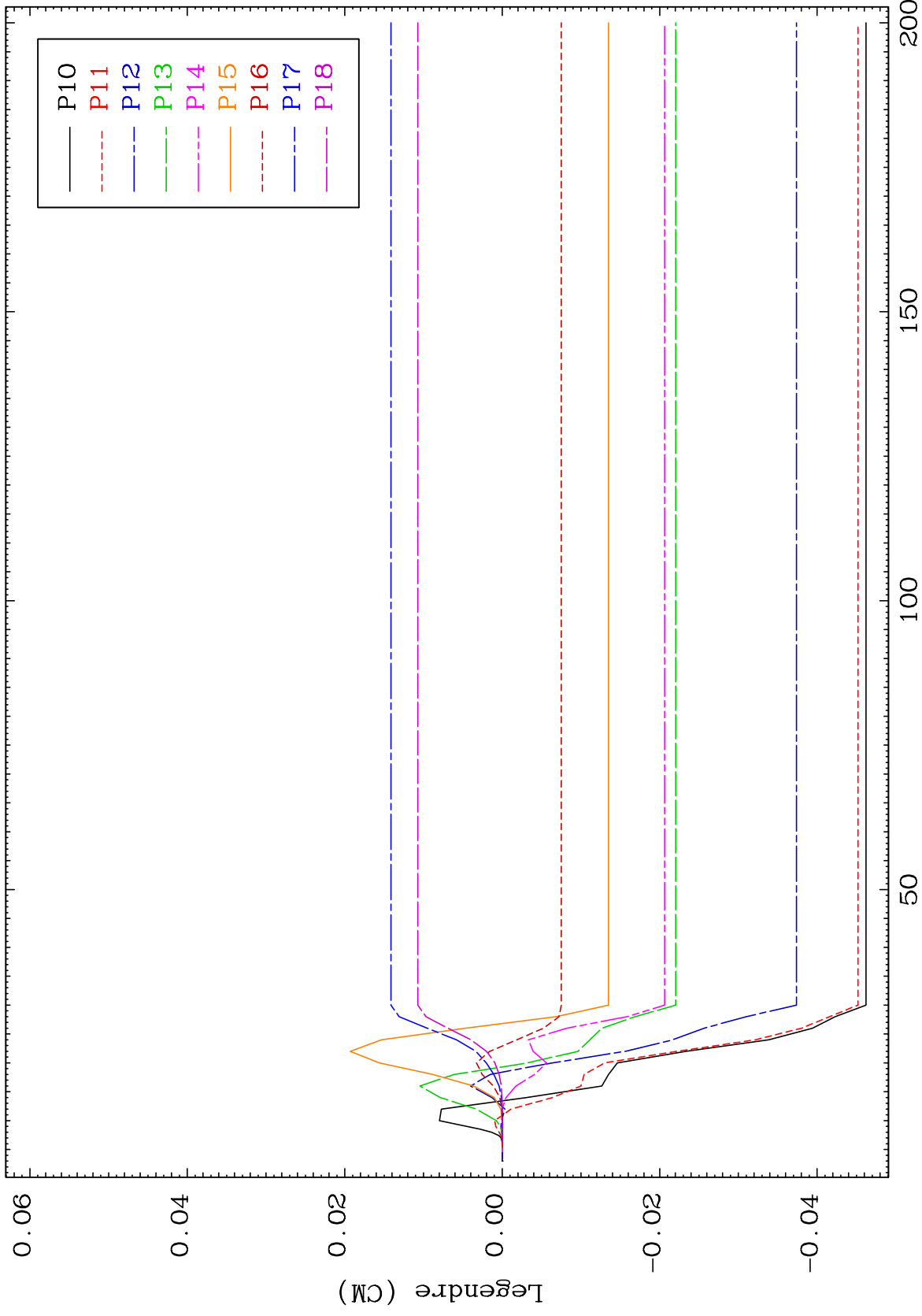
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



45

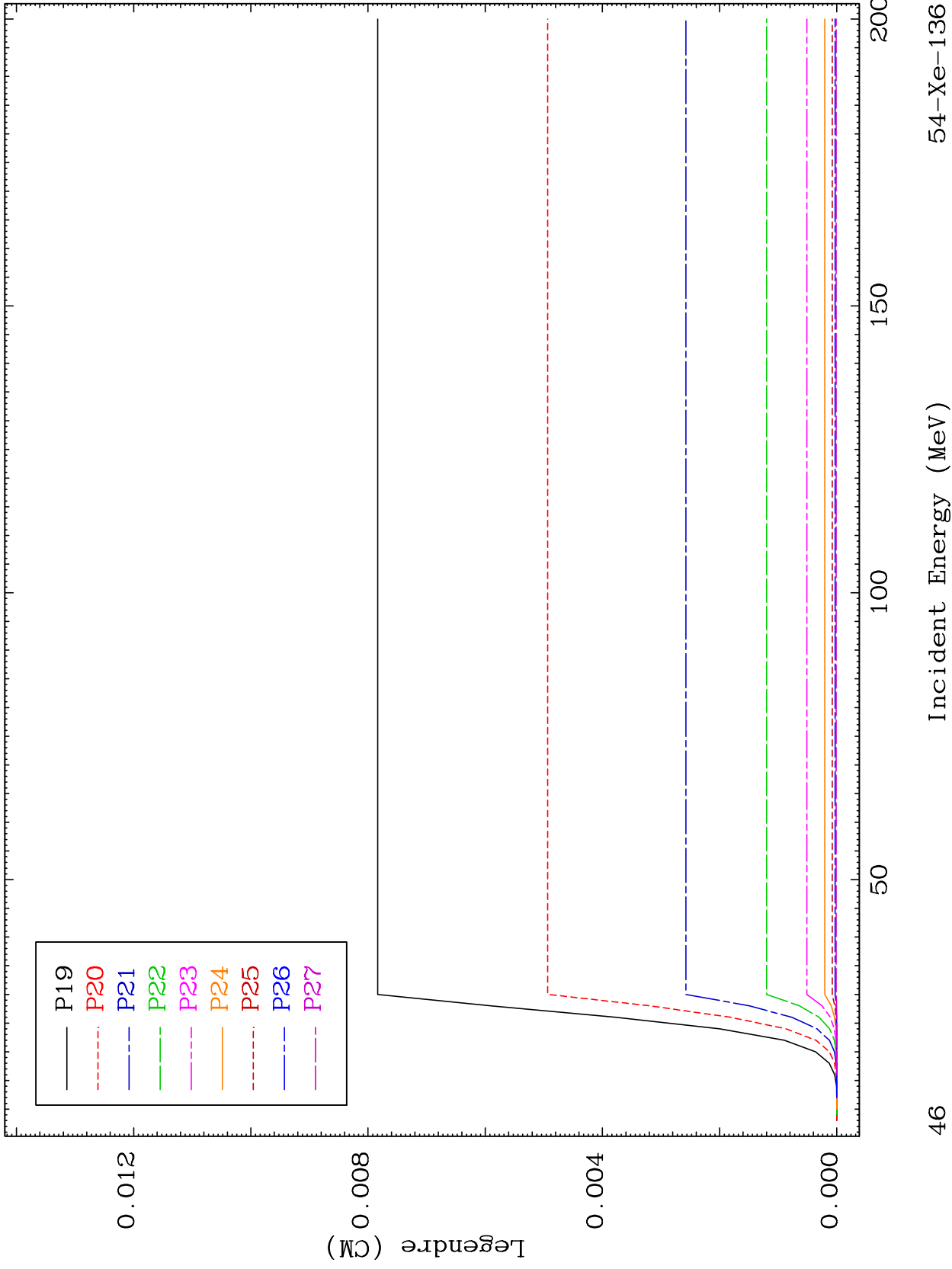
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



46

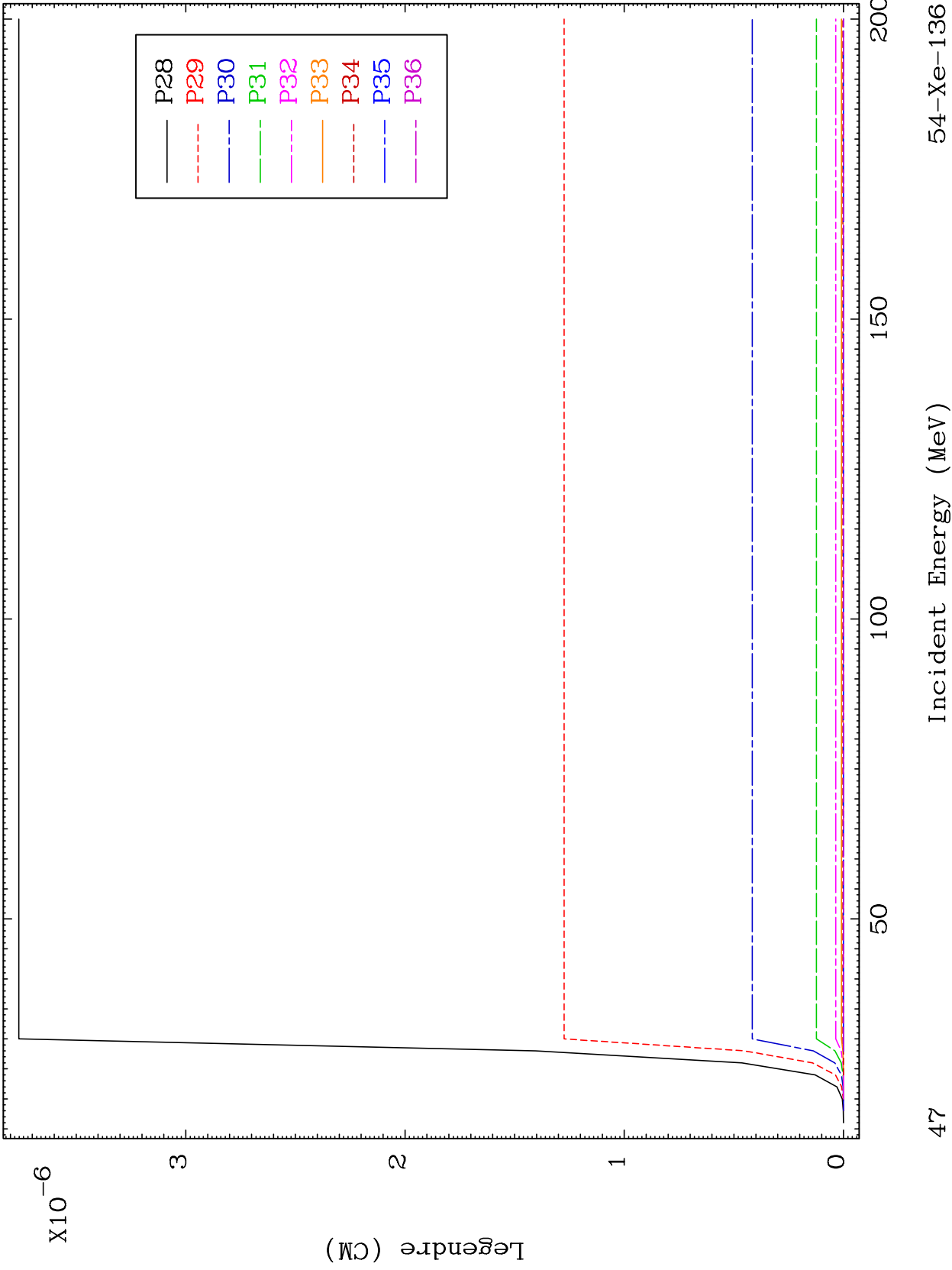
Incident Energy (MeV)

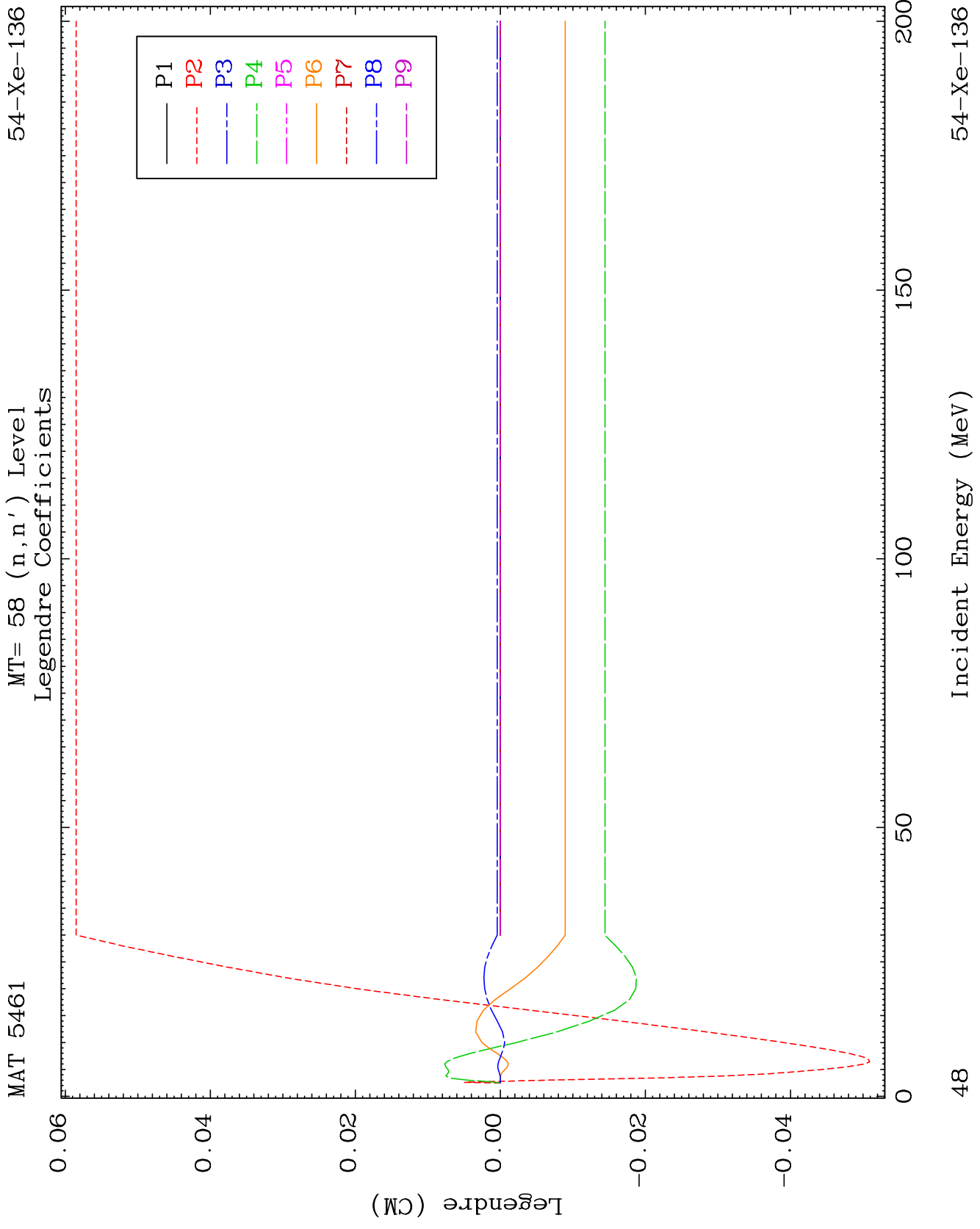
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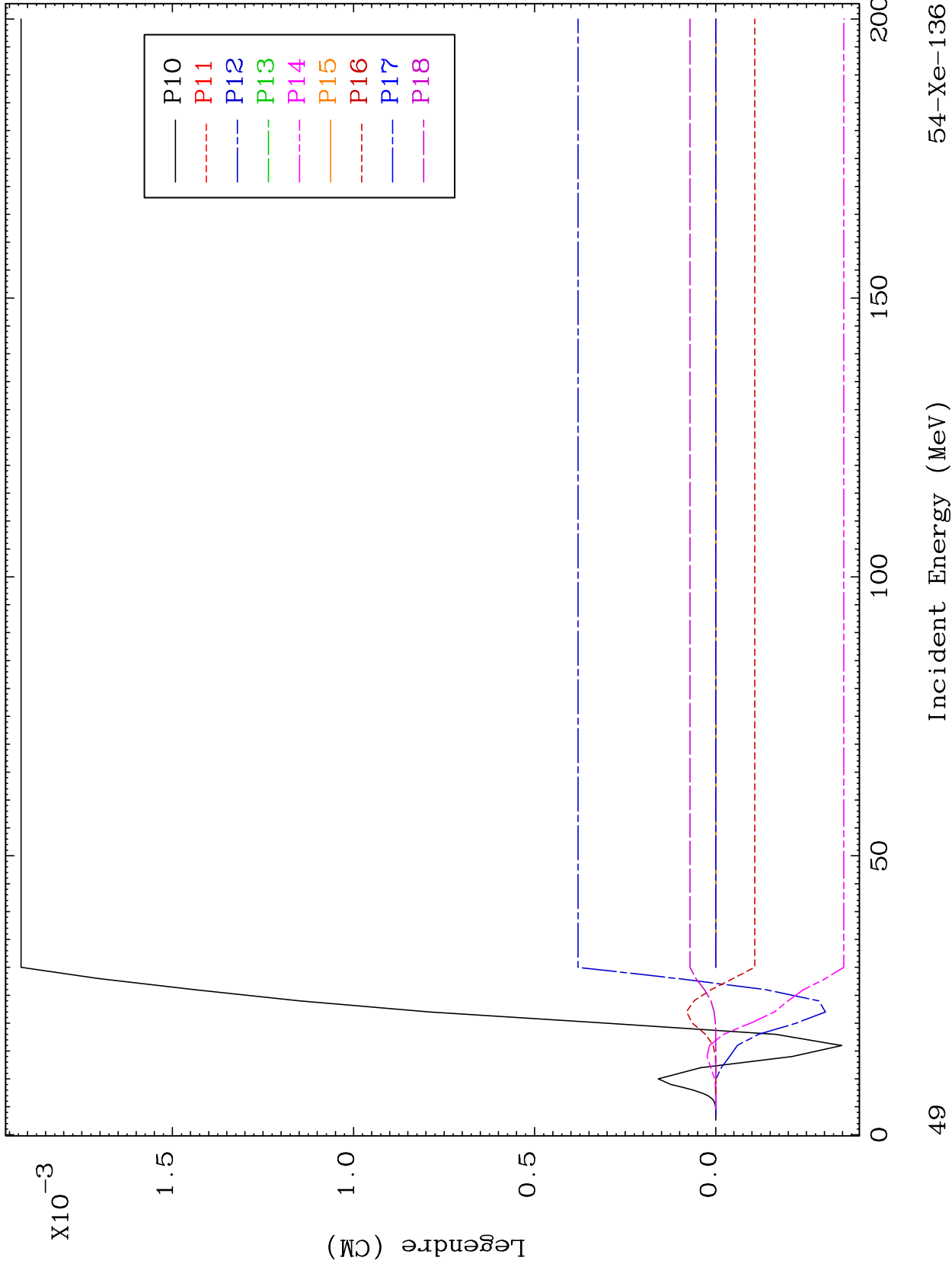
MAT 5461

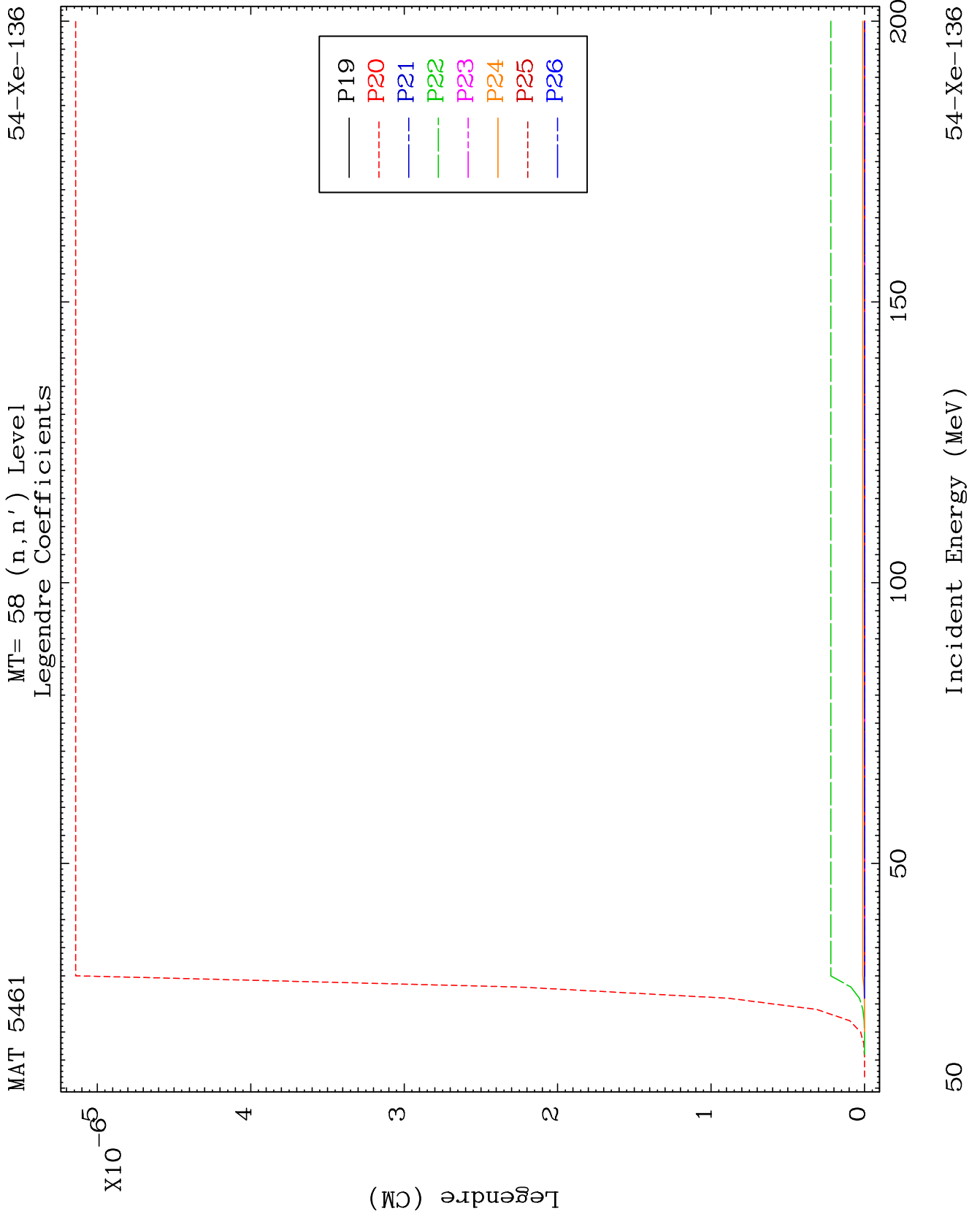
MT= 57 (n,n') Level
Legendre Coefficients

54-Xe-136





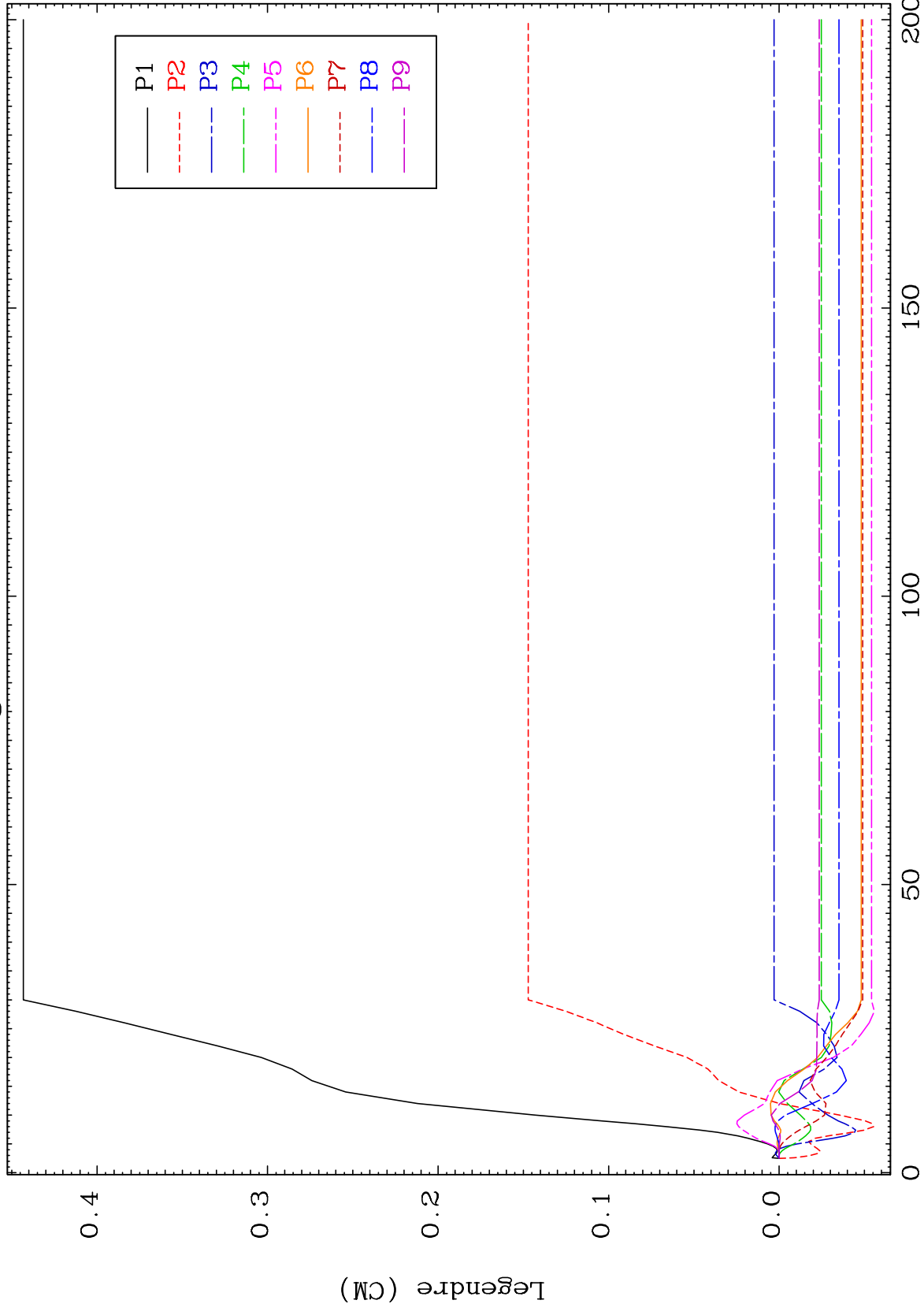




MAT 5461

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

54-Xe-136



51

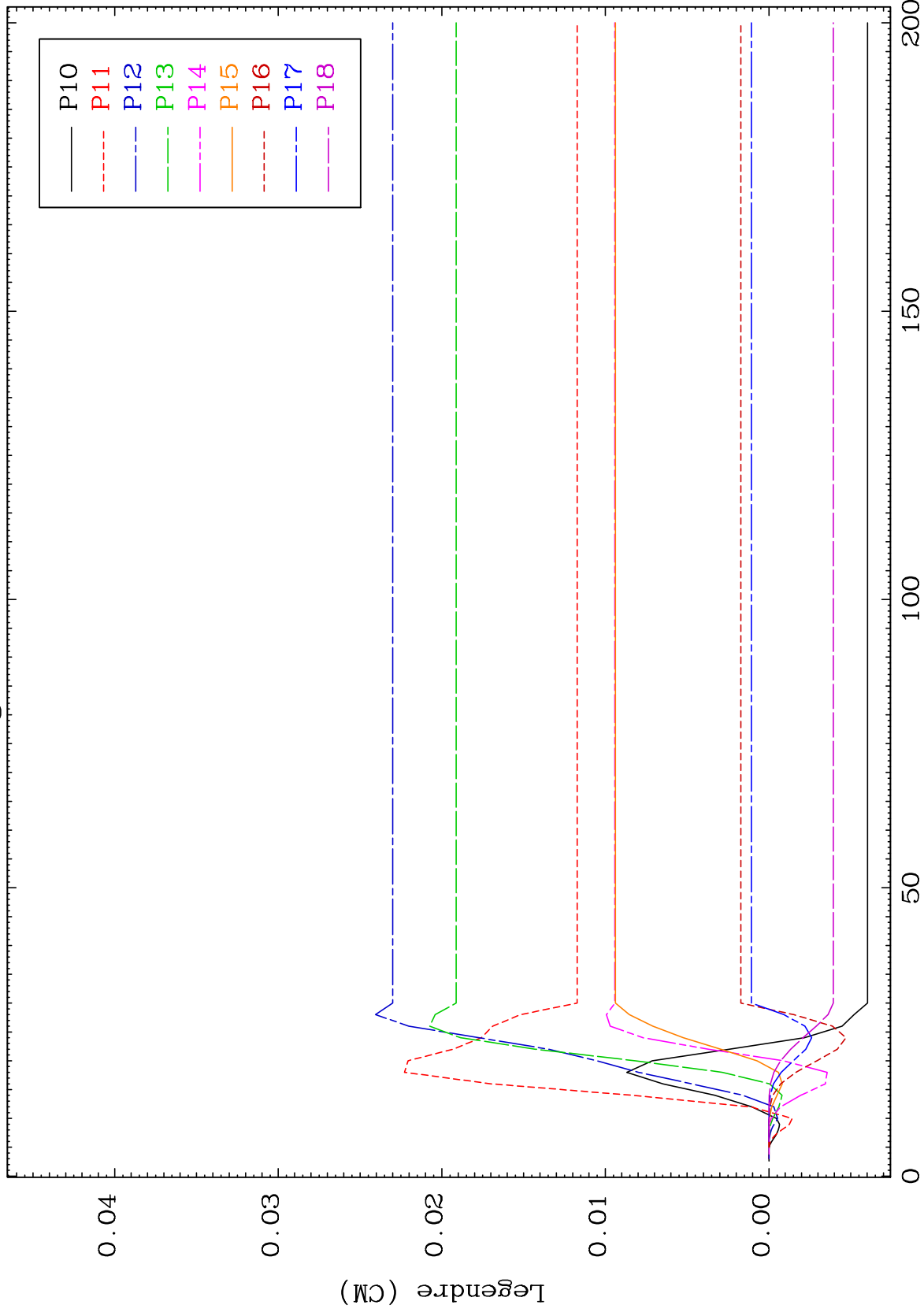
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

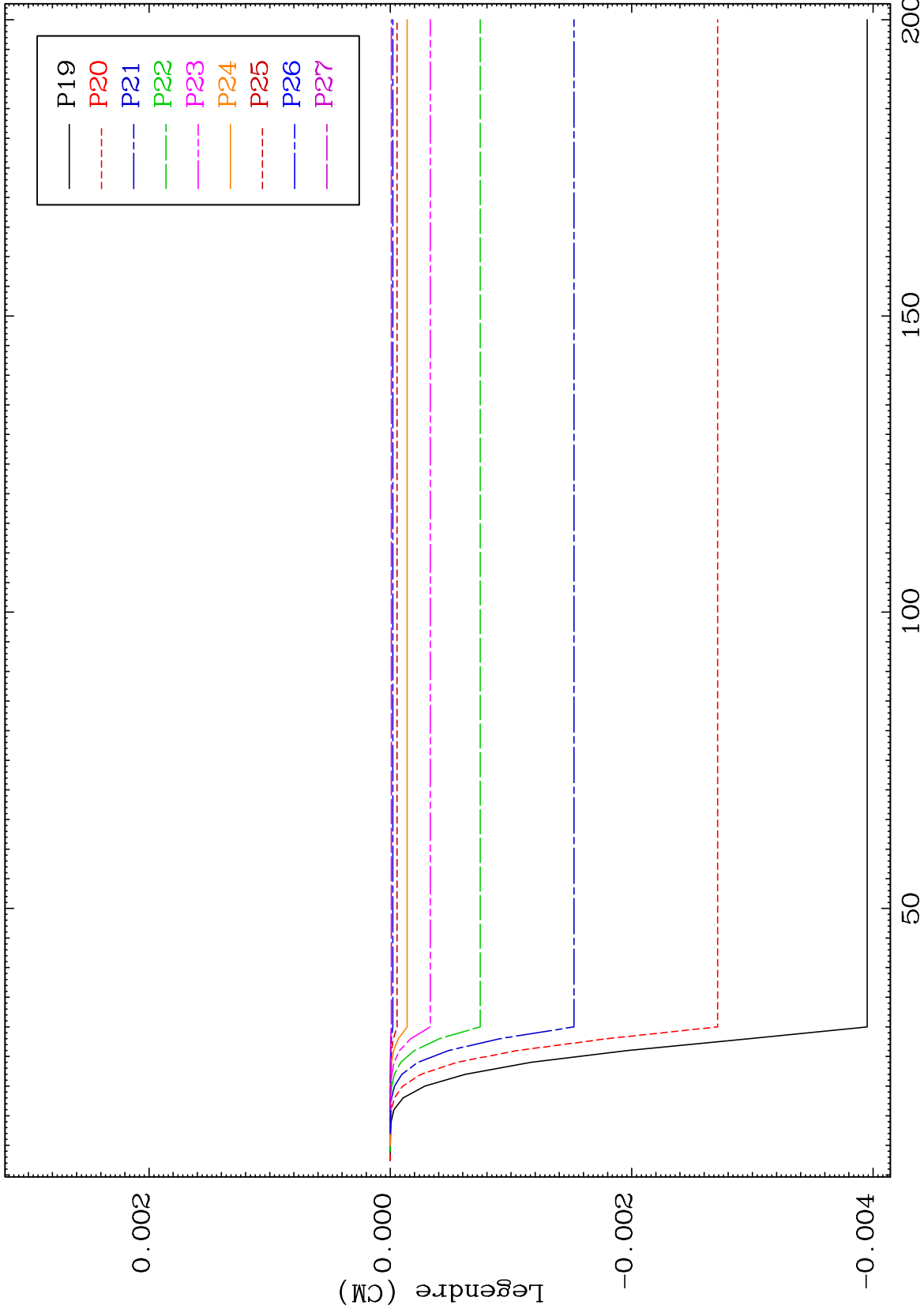
54-Xe-136



52

Incident Energy (MeV)

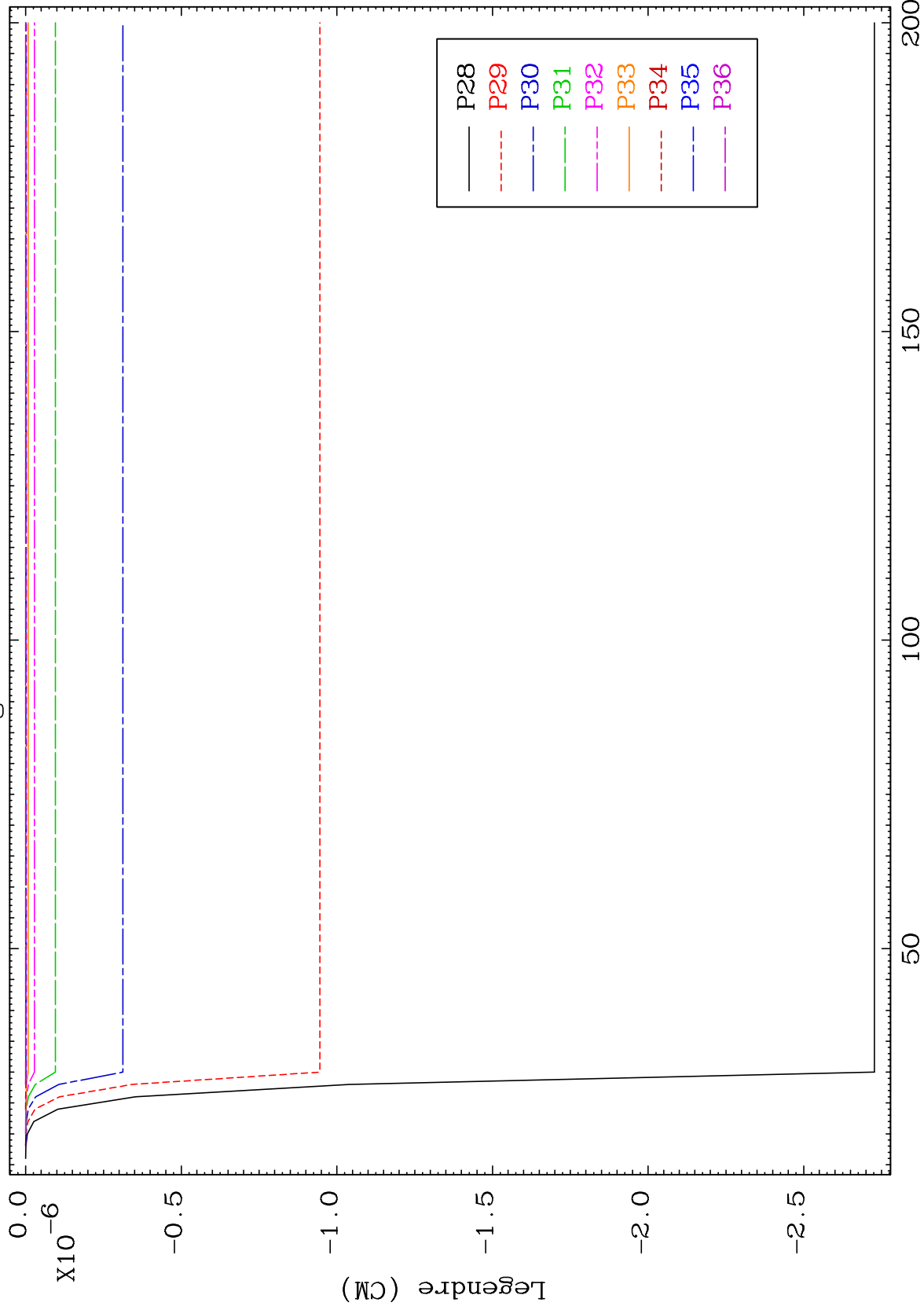
54-Xe-136



MAT 5461

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

54-Xe-136



54-Xe-136

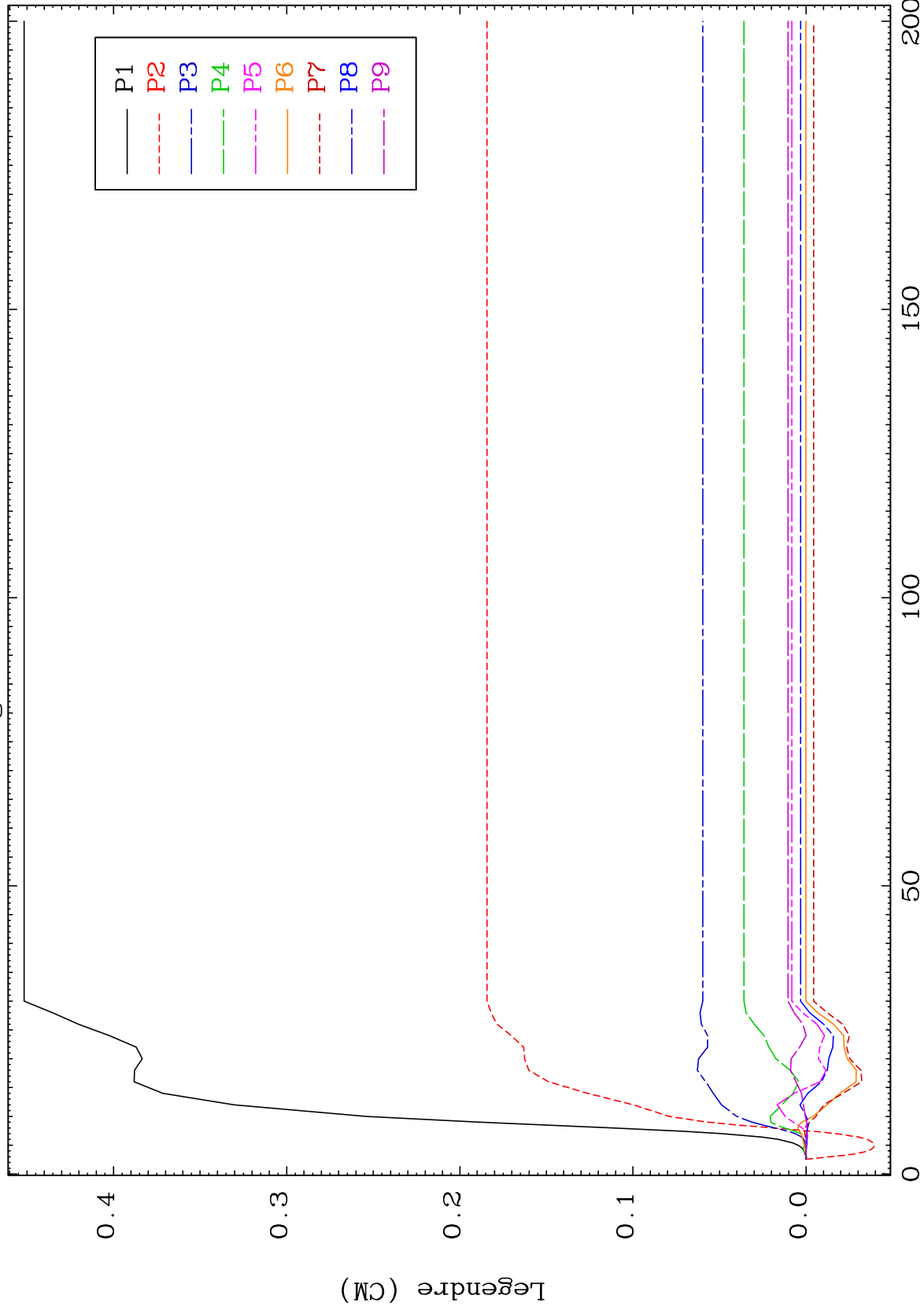
Incident Energy (MeV)

54

MAT 5461

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

54-Xe-136



54-Xe-136

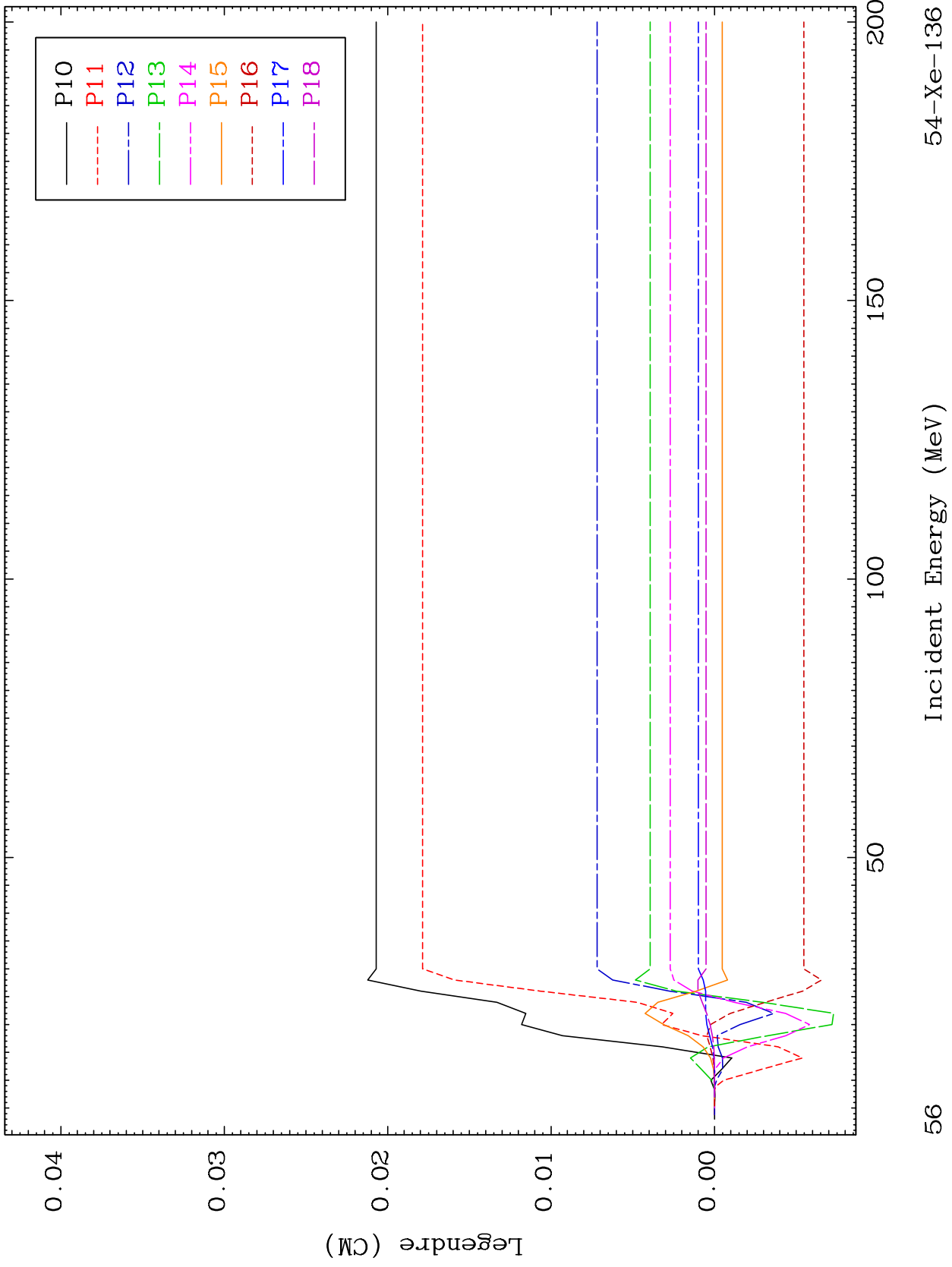
Incident Energy (MeV)

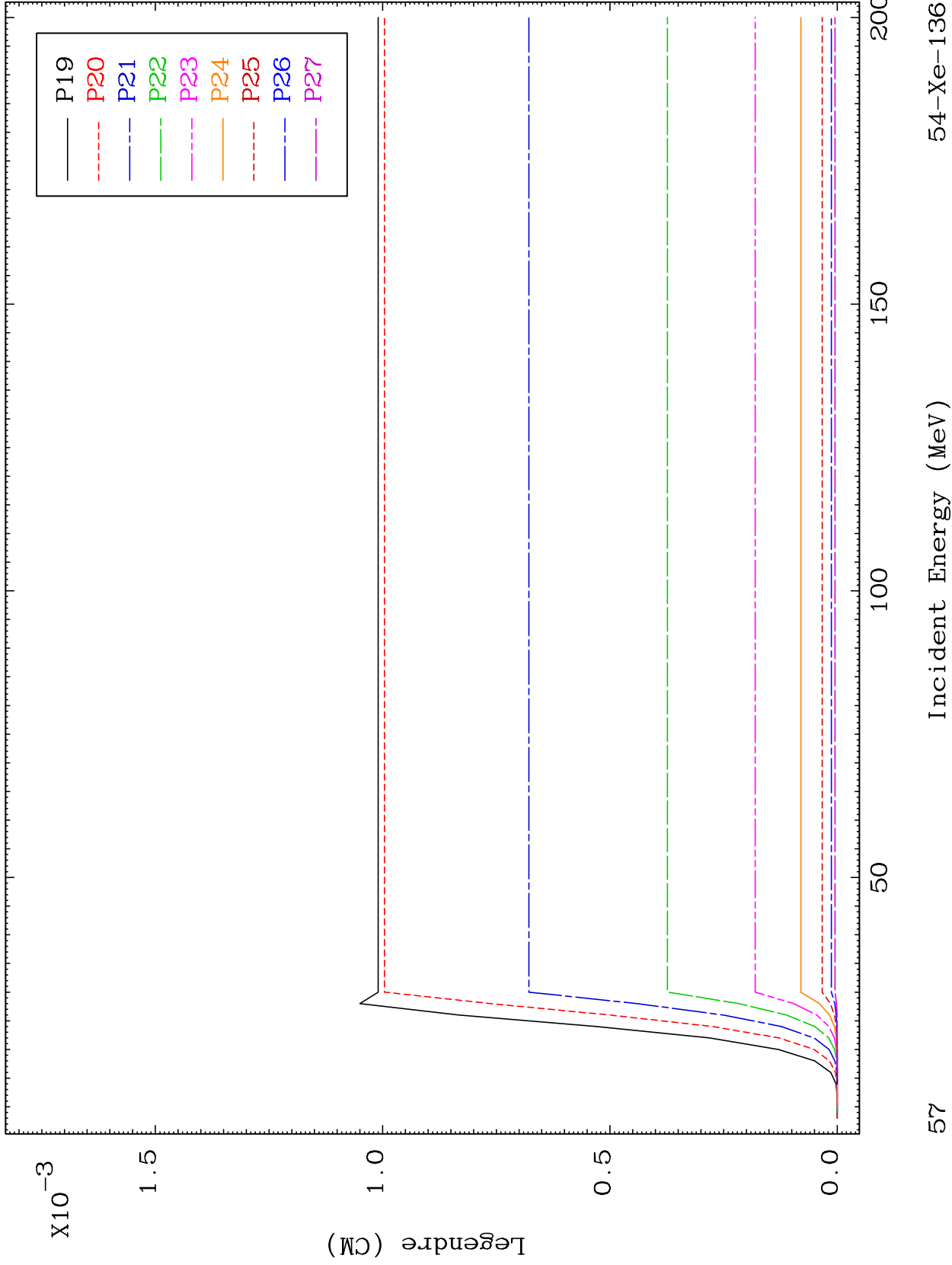
55

MAT 5461

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

54-Xe-136

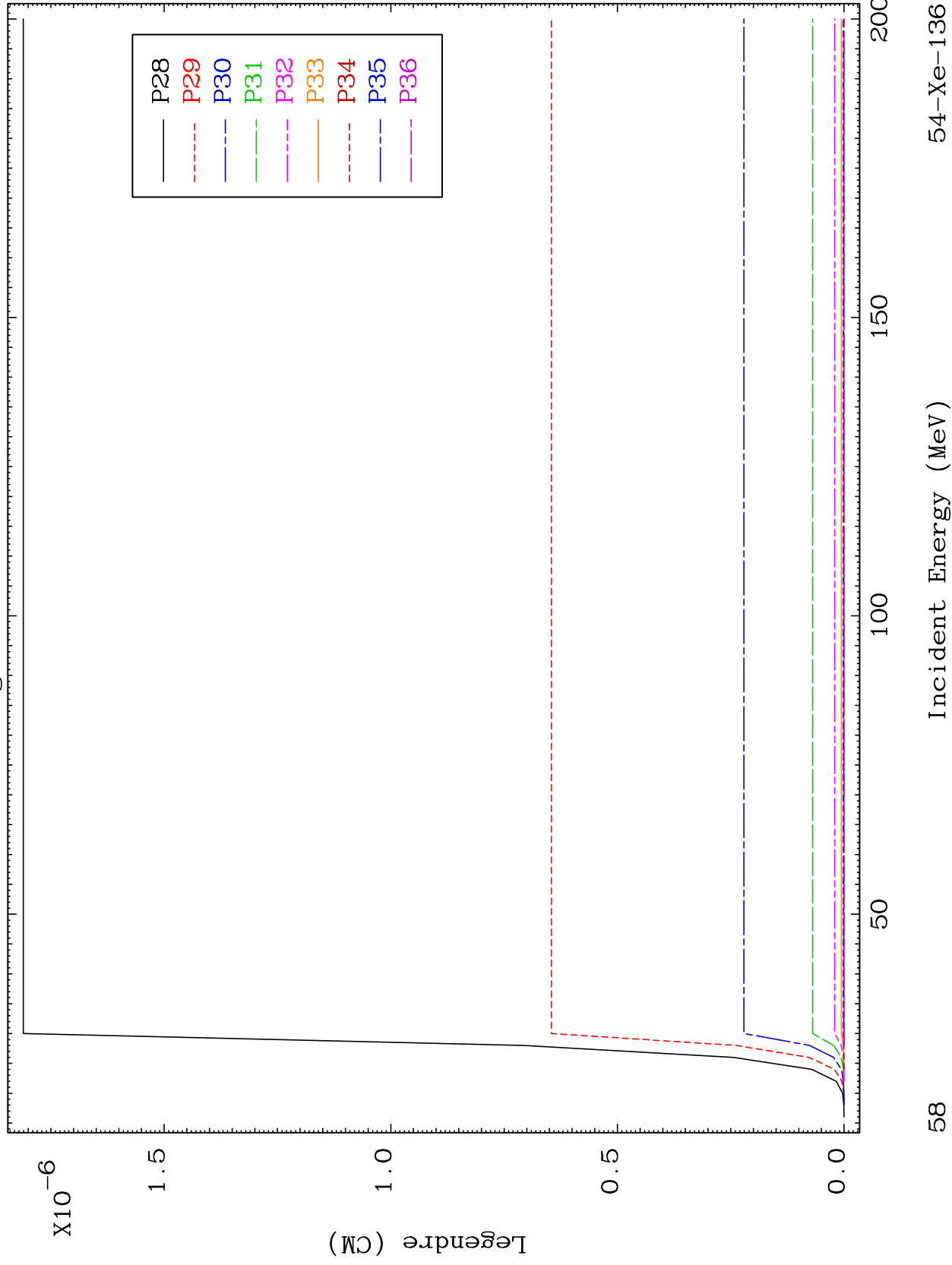




MAT 5461

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

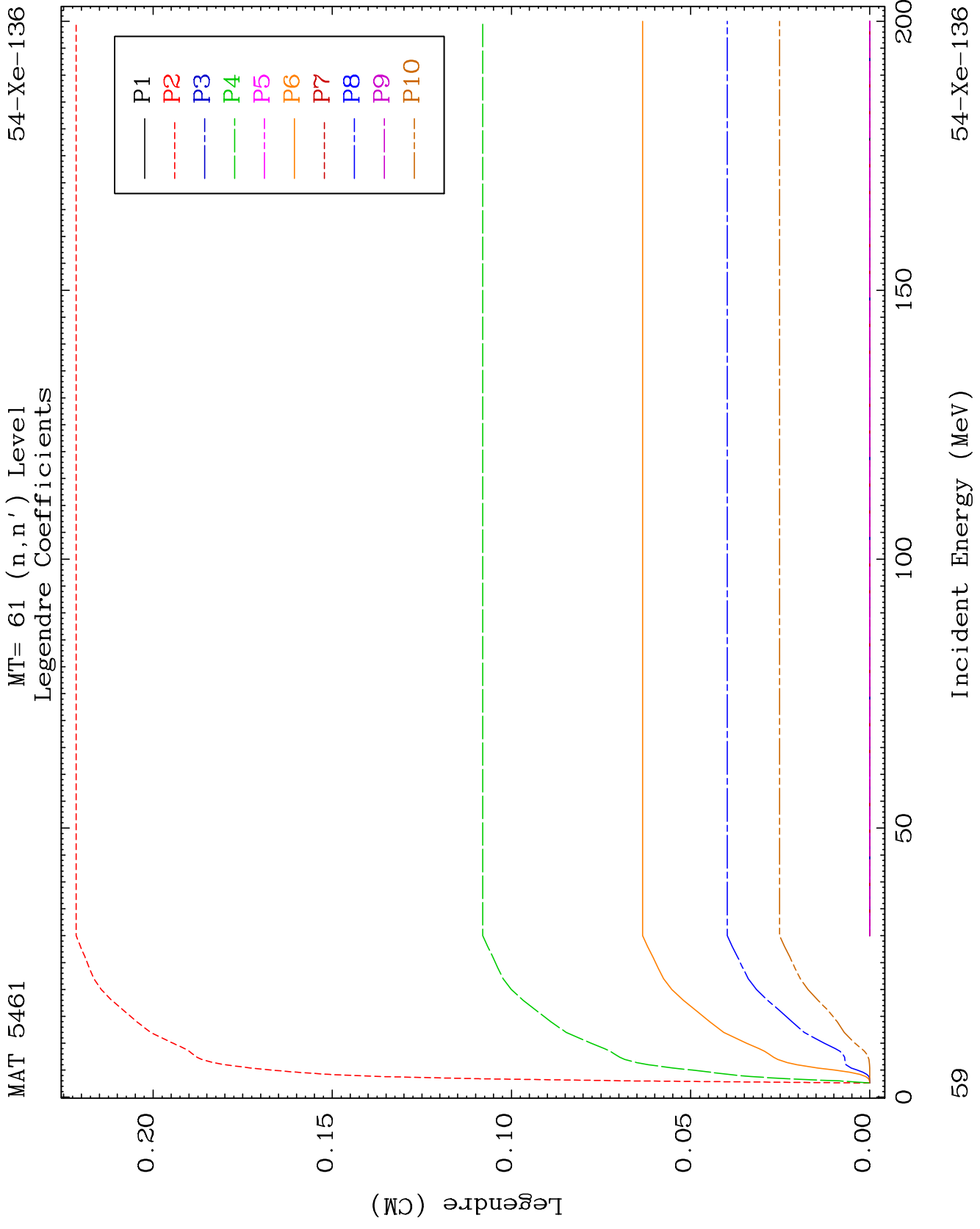
54-Xe-136

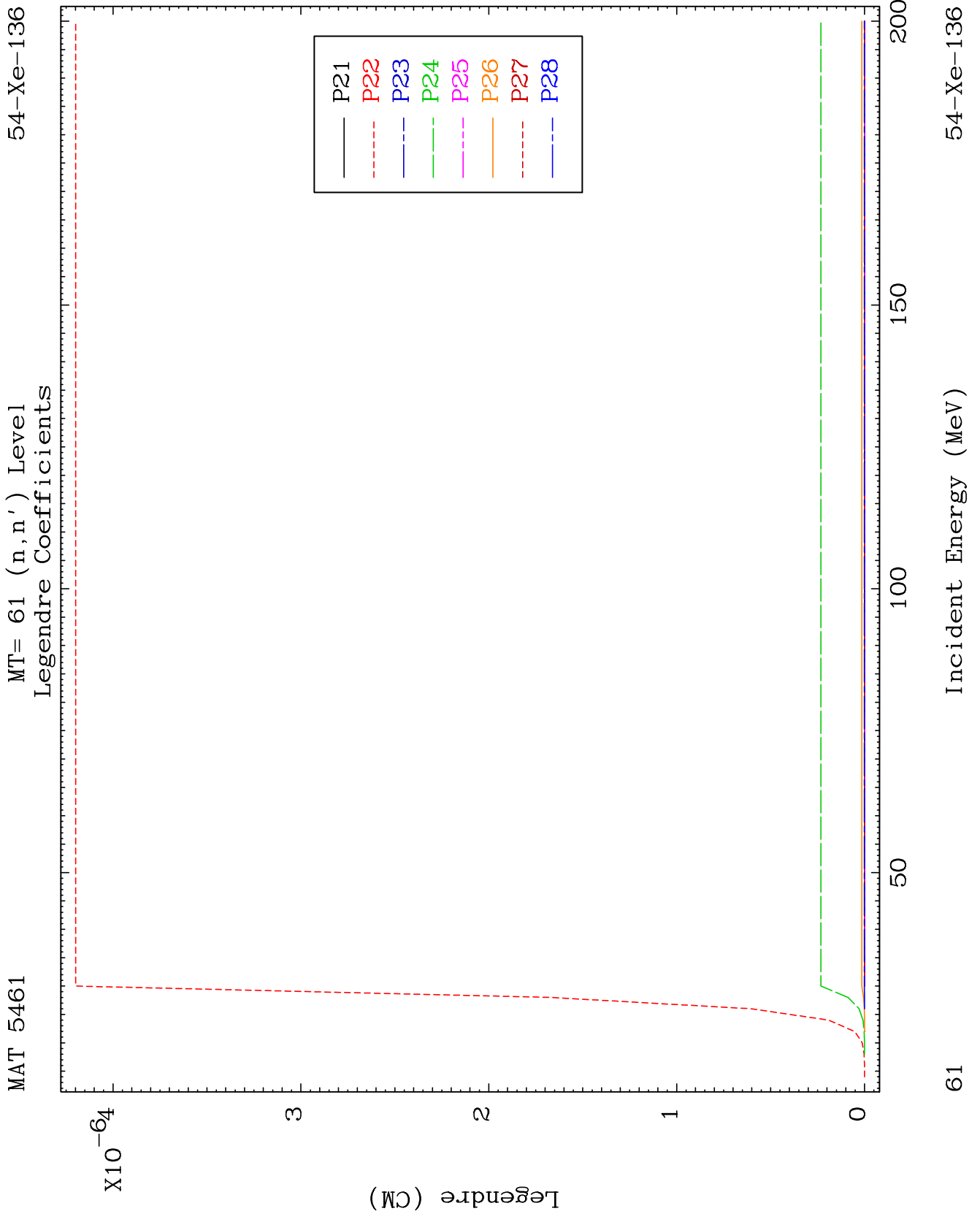


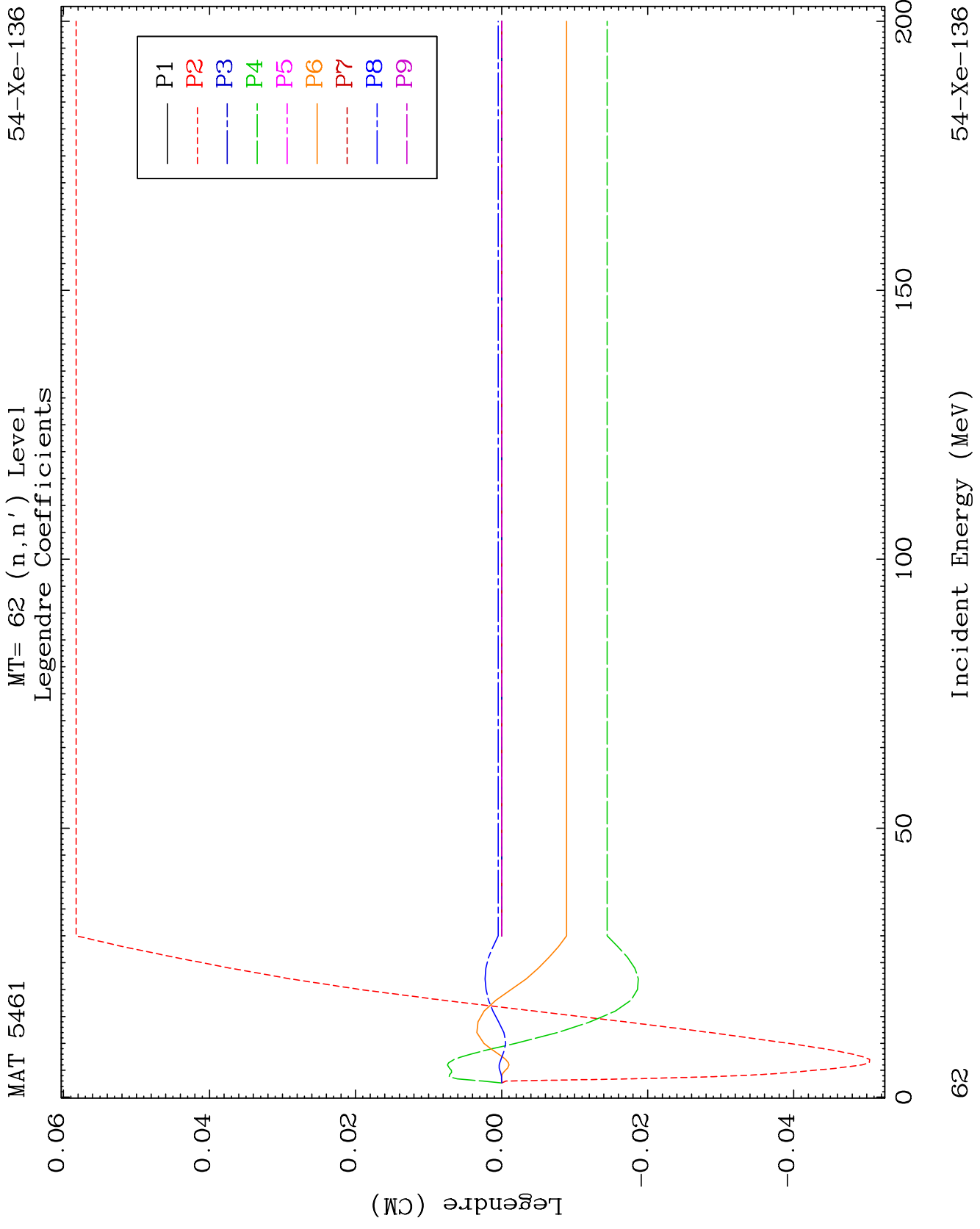
58

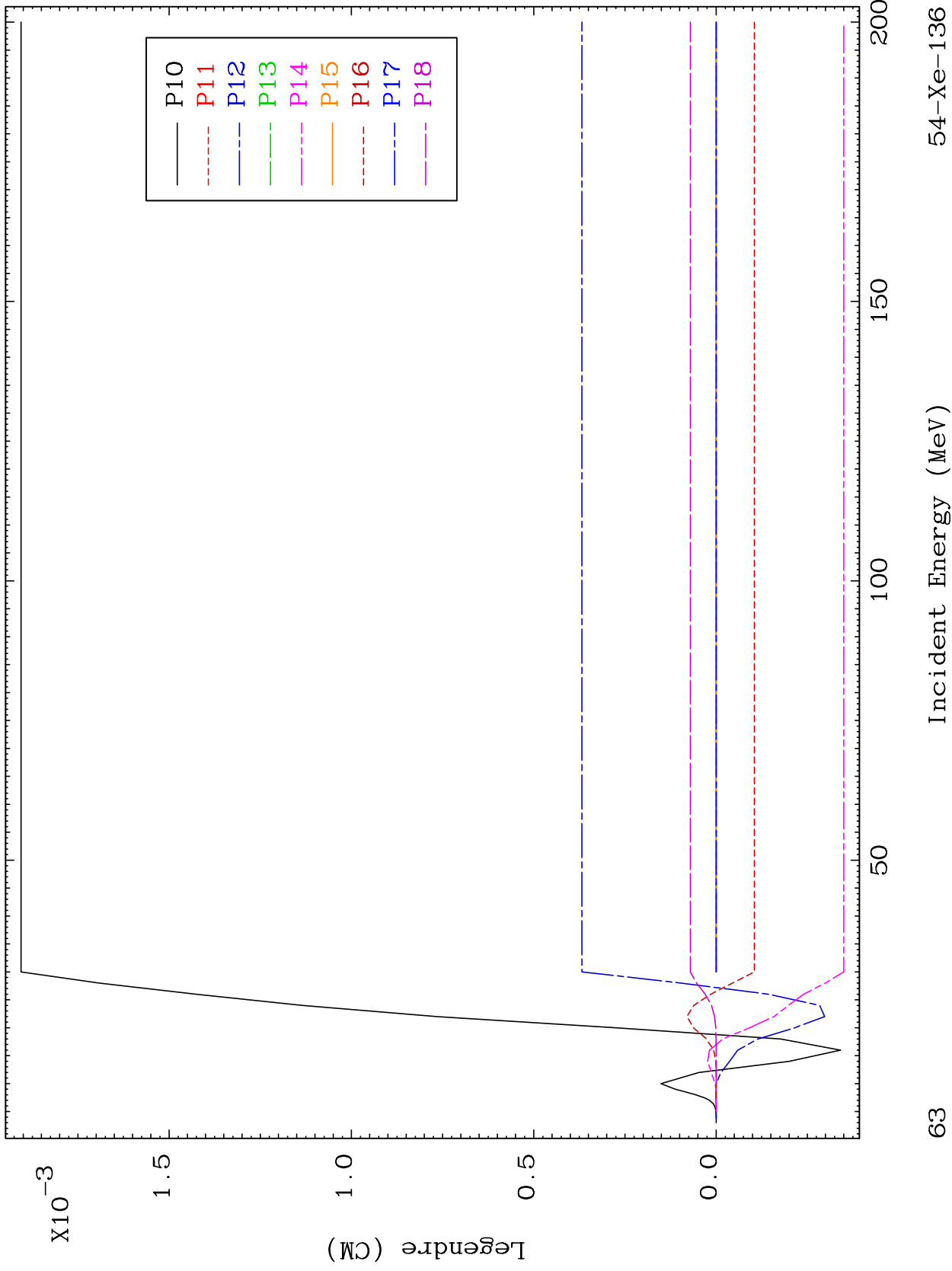
Incident Energy (MeV)

54-Xe-136





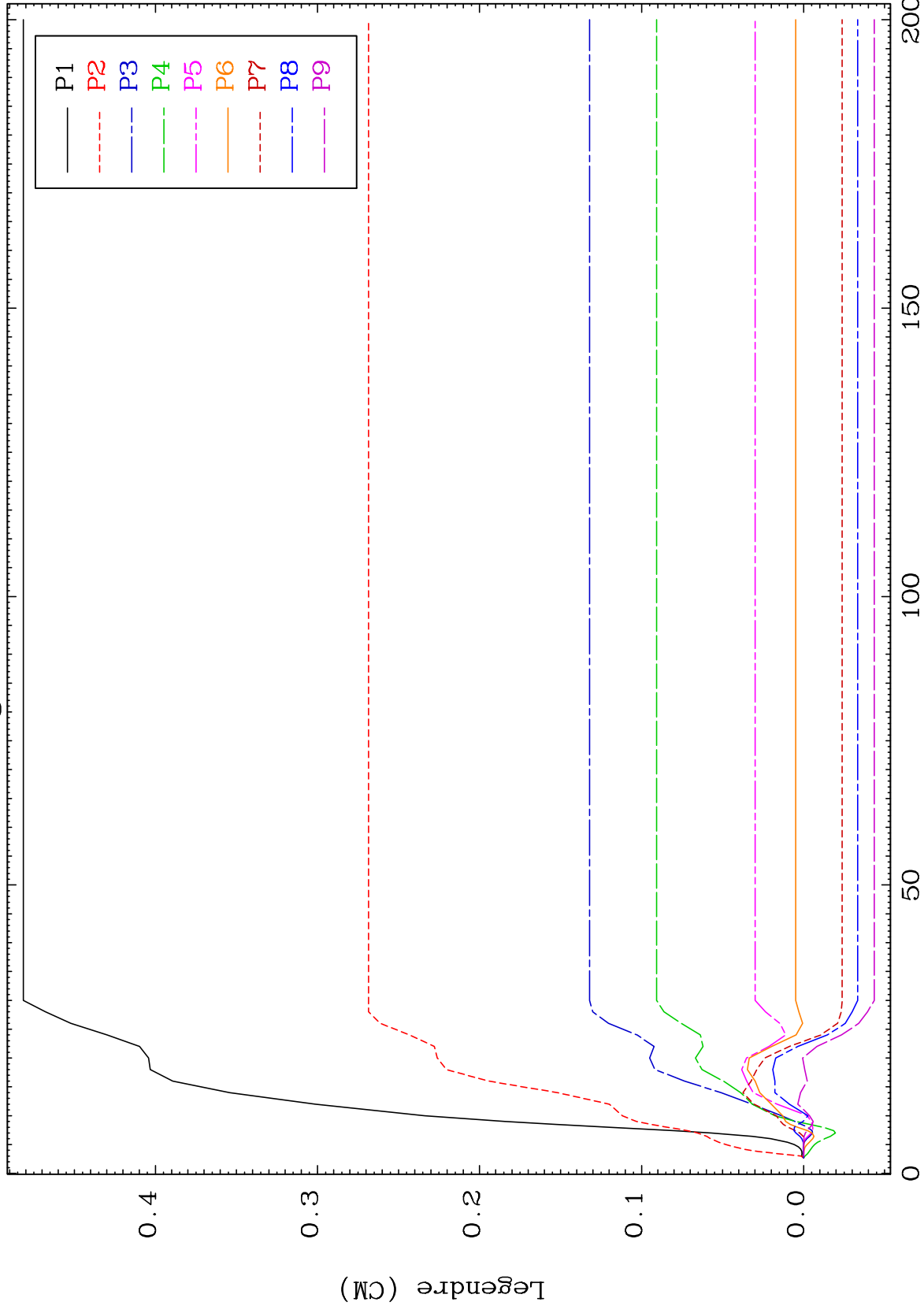




MAT 5461

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

54-Xe-136



54-Xe-136

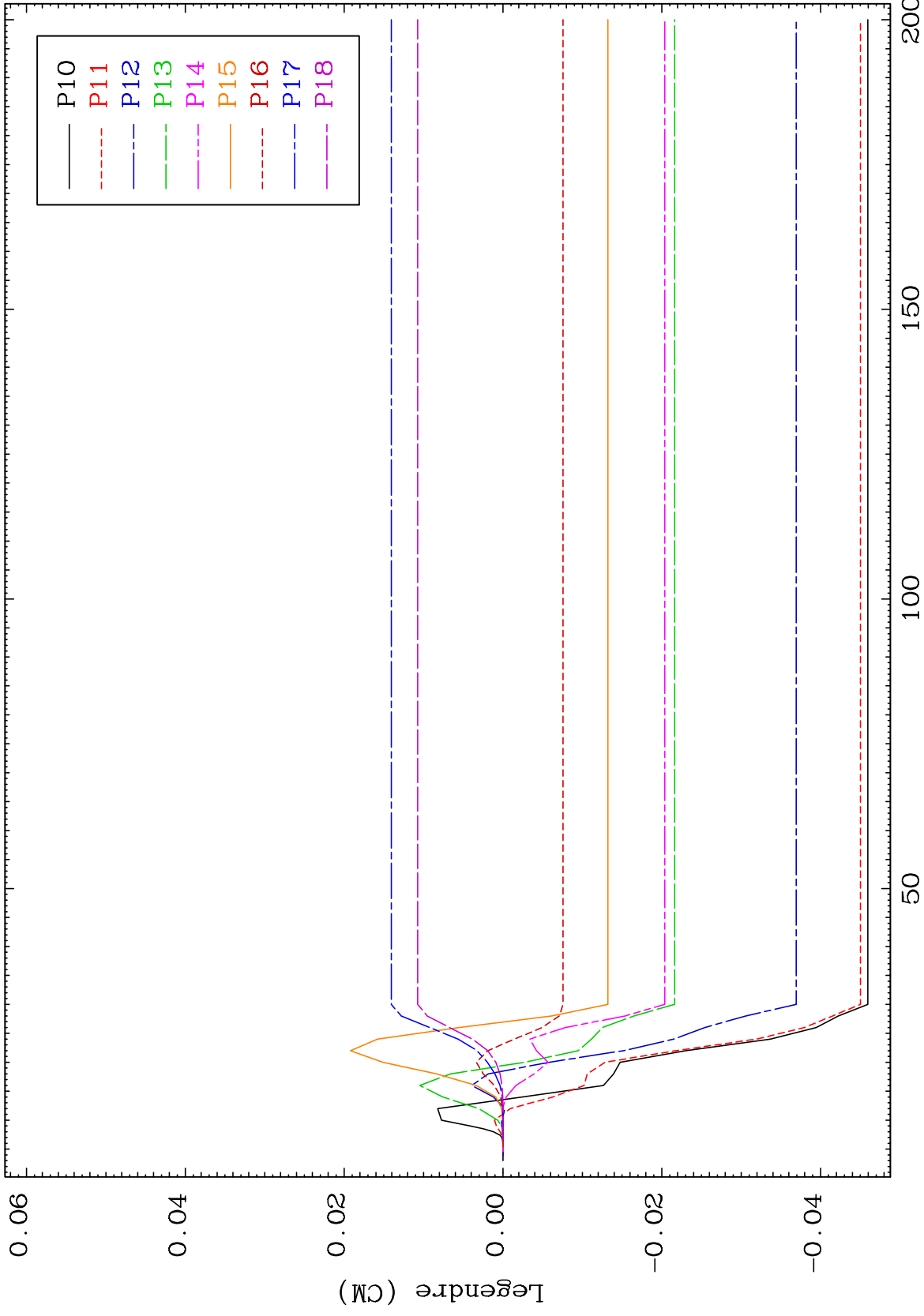
Incident Energy (MeV)

65

MAT 5461

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

54-Xe-136



66

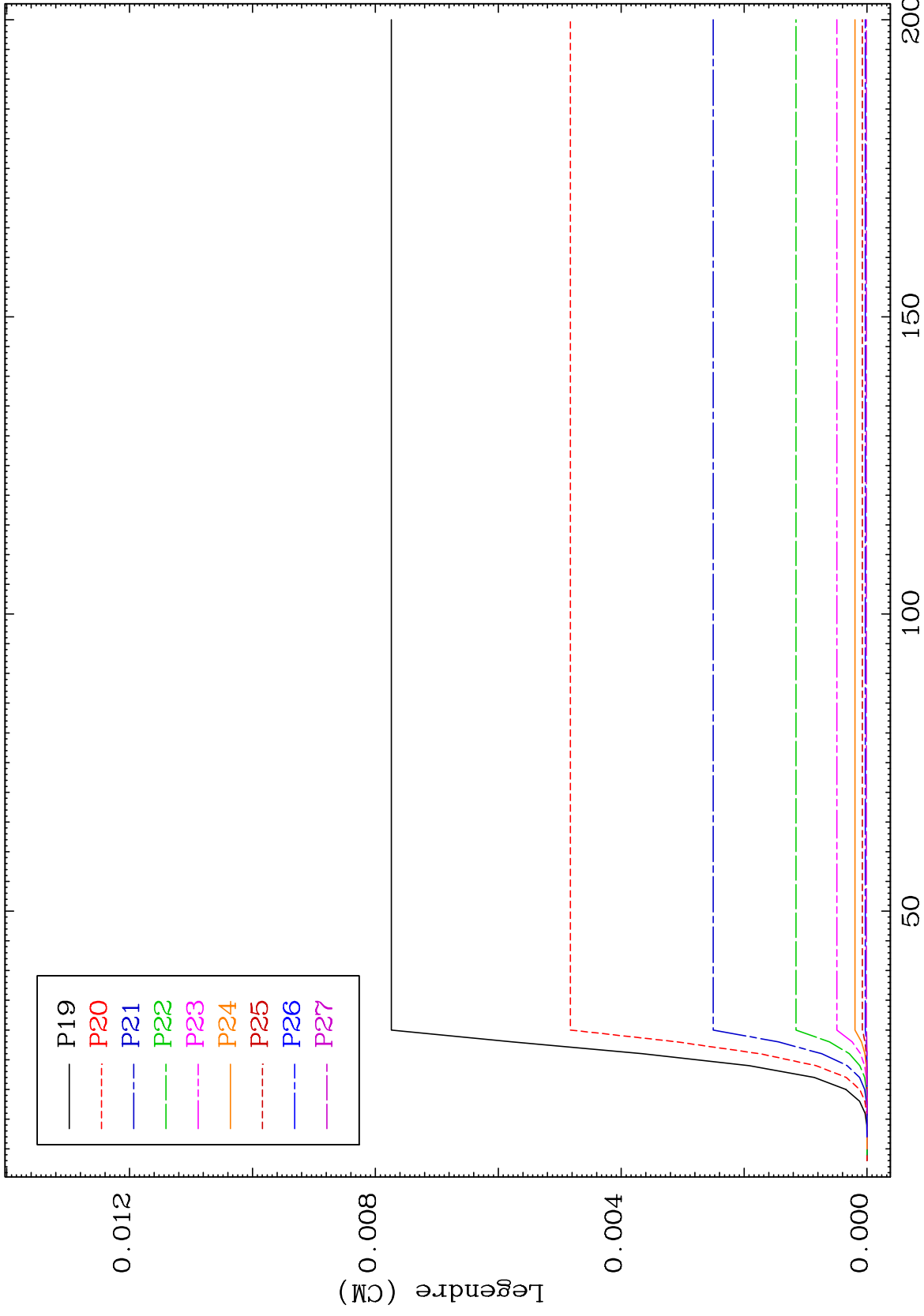
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



67

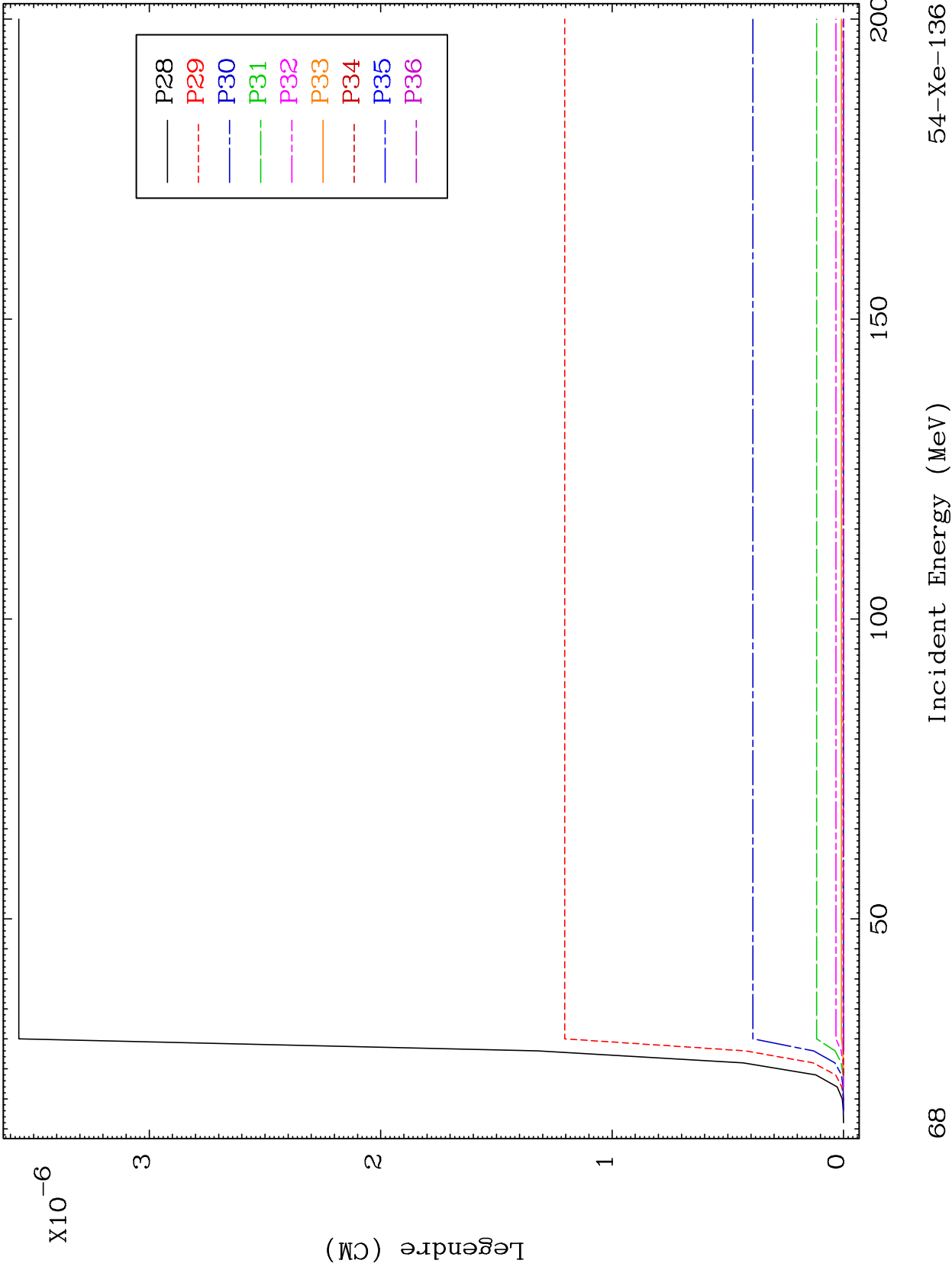
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

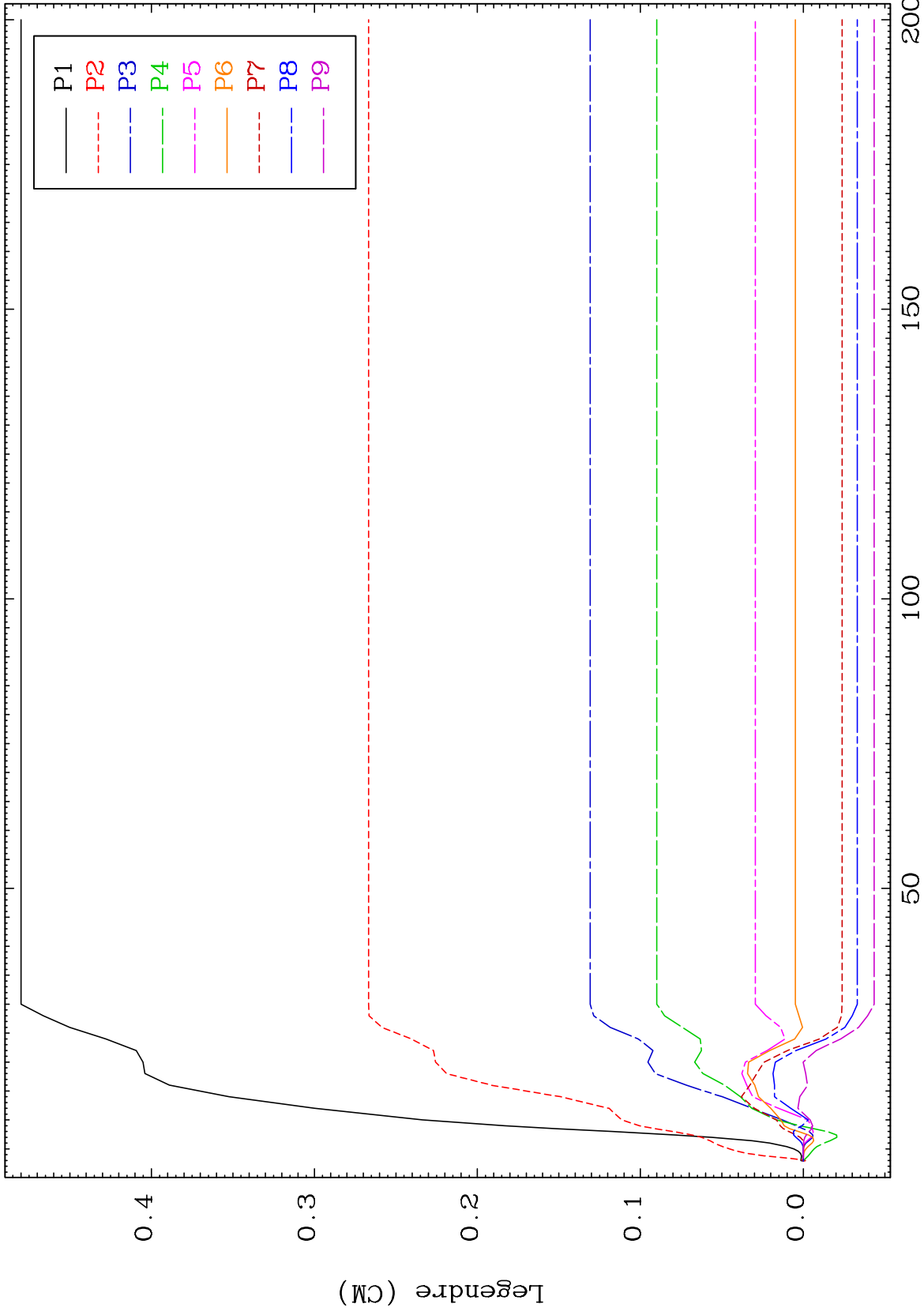
54-Xe-136



MAT 5461

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

54-Xe-136



69

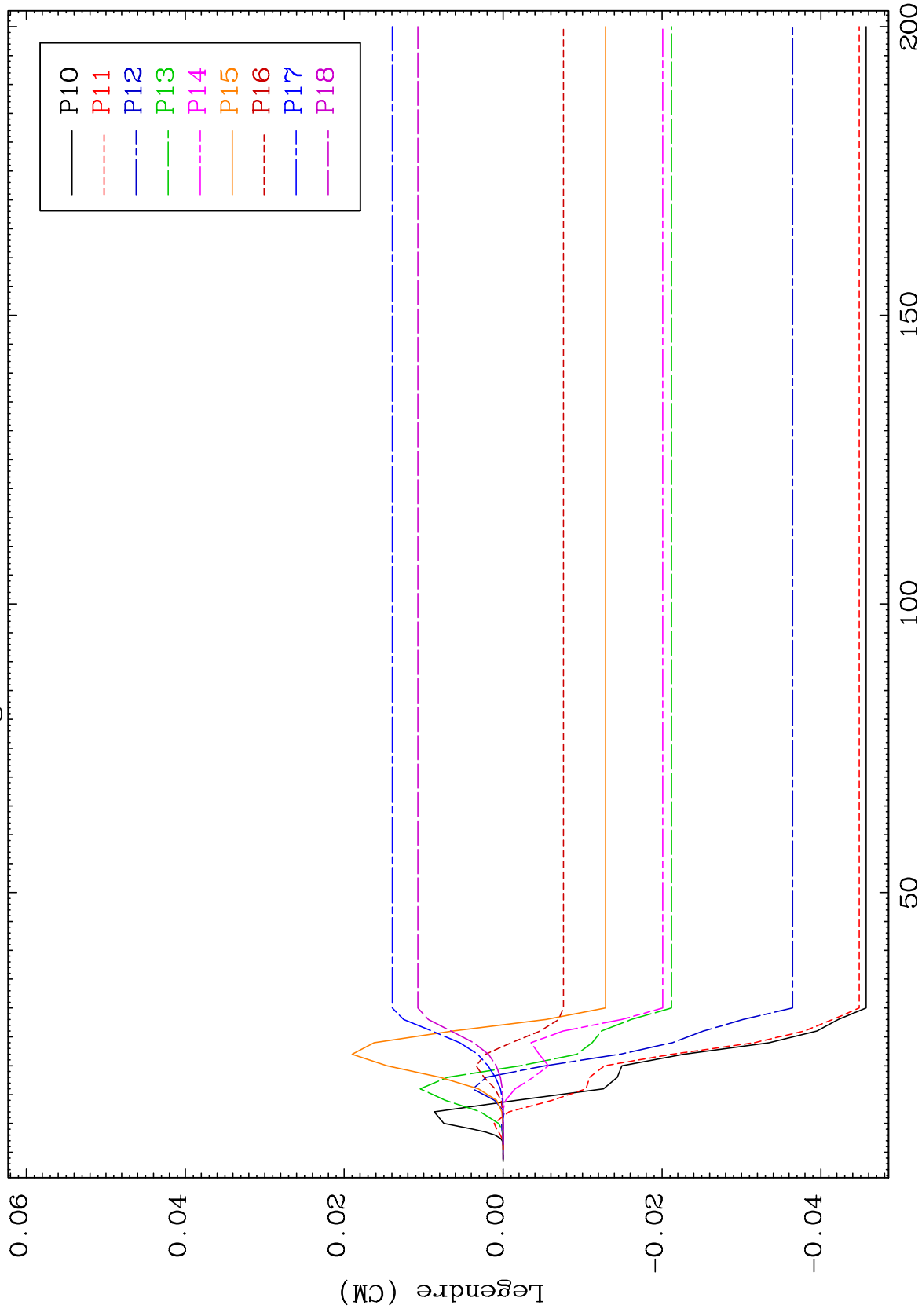
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



70

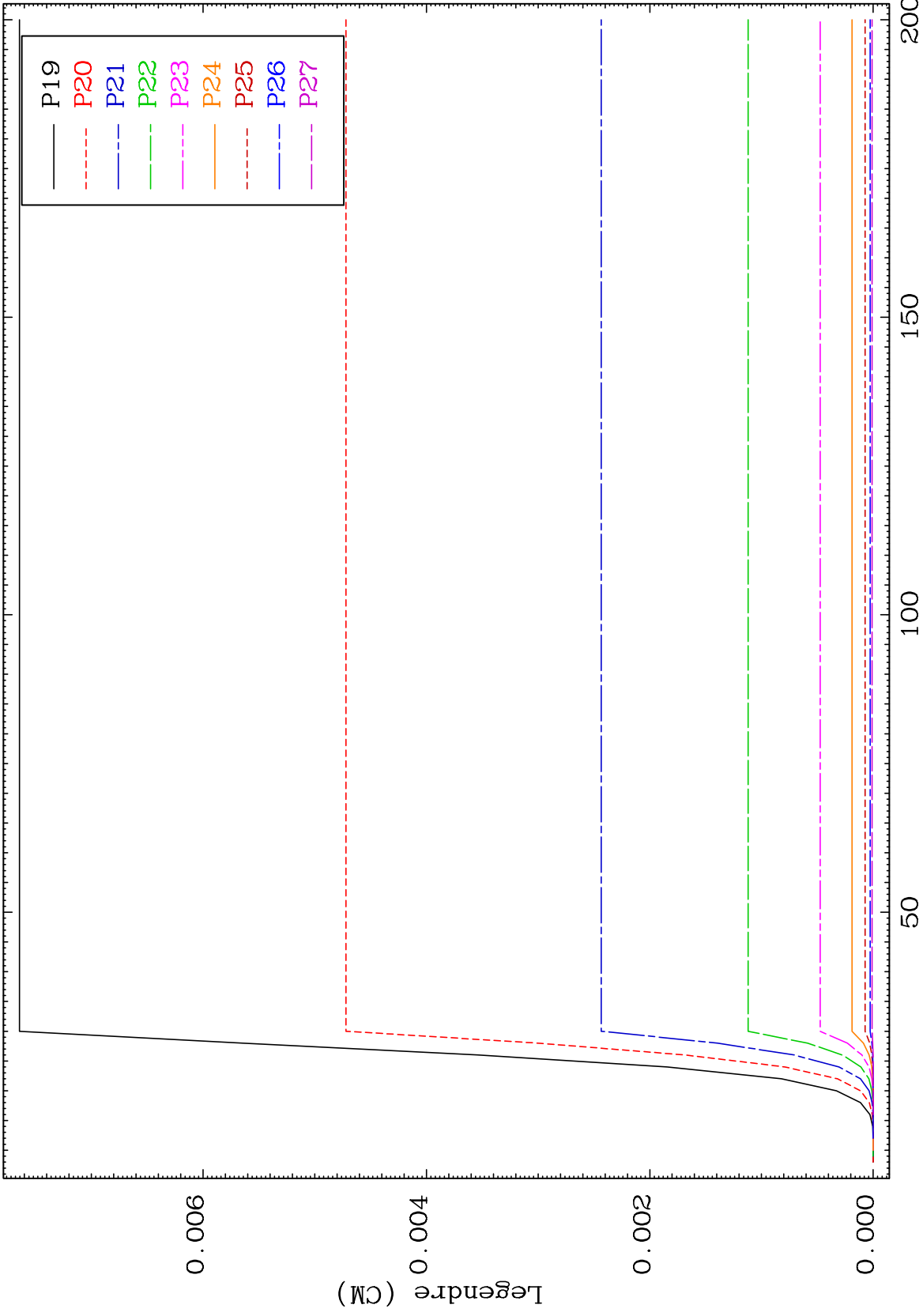
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



71

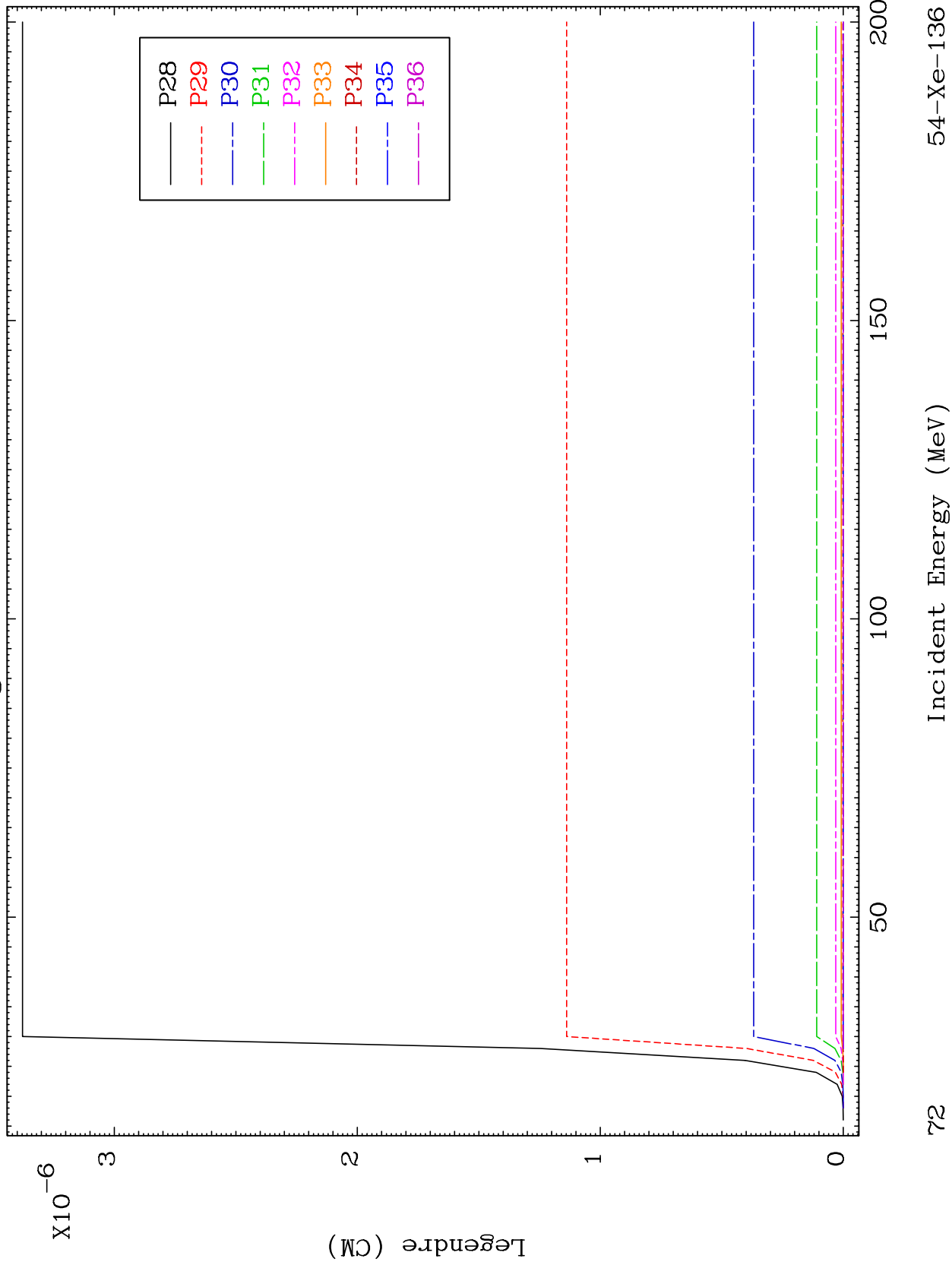
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

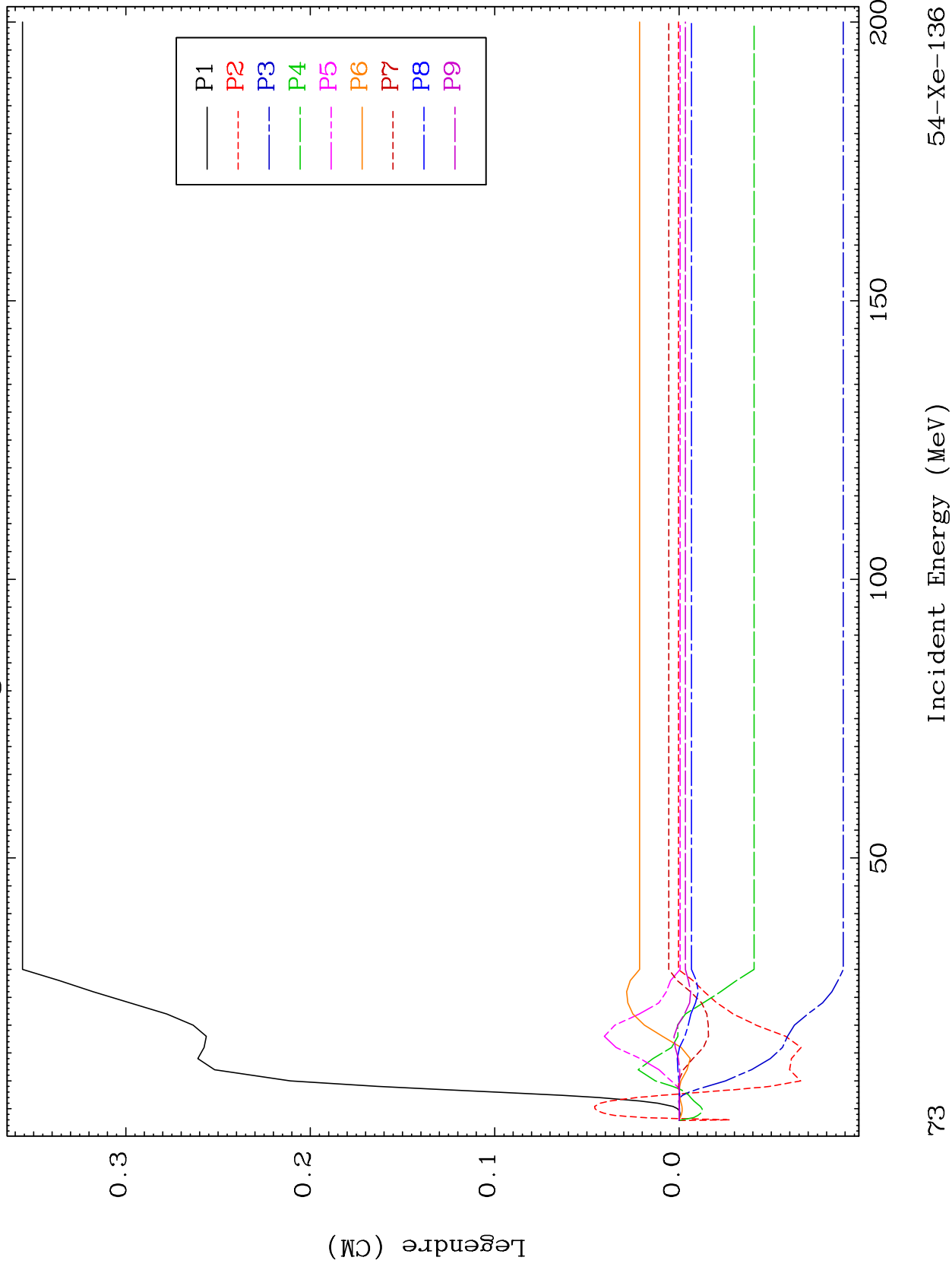
54-Xe-136



MAT 5461

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

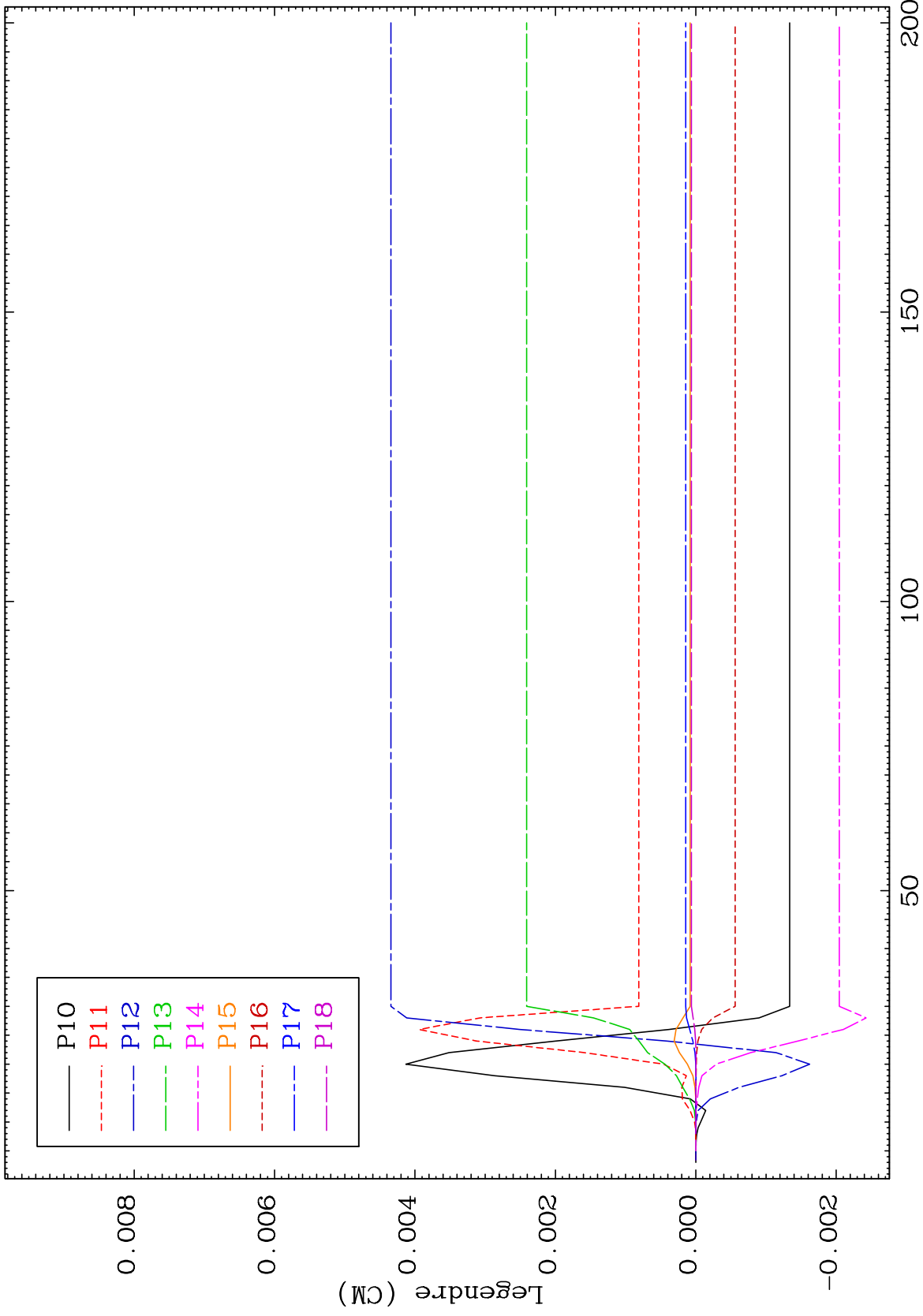
54-Xe-136



54-Xe-136

Incident Energy (MeV)

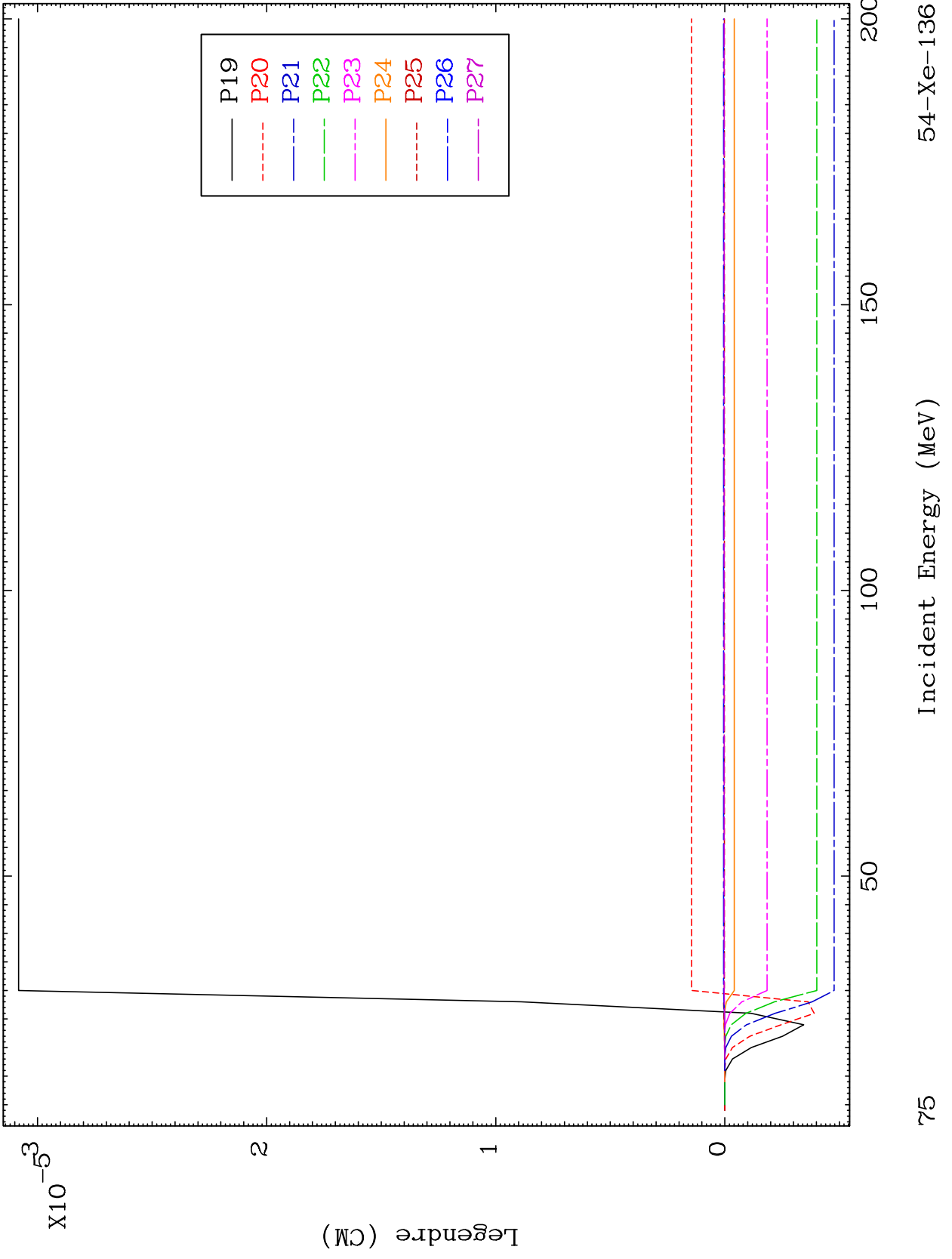
73



MAT 5461

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

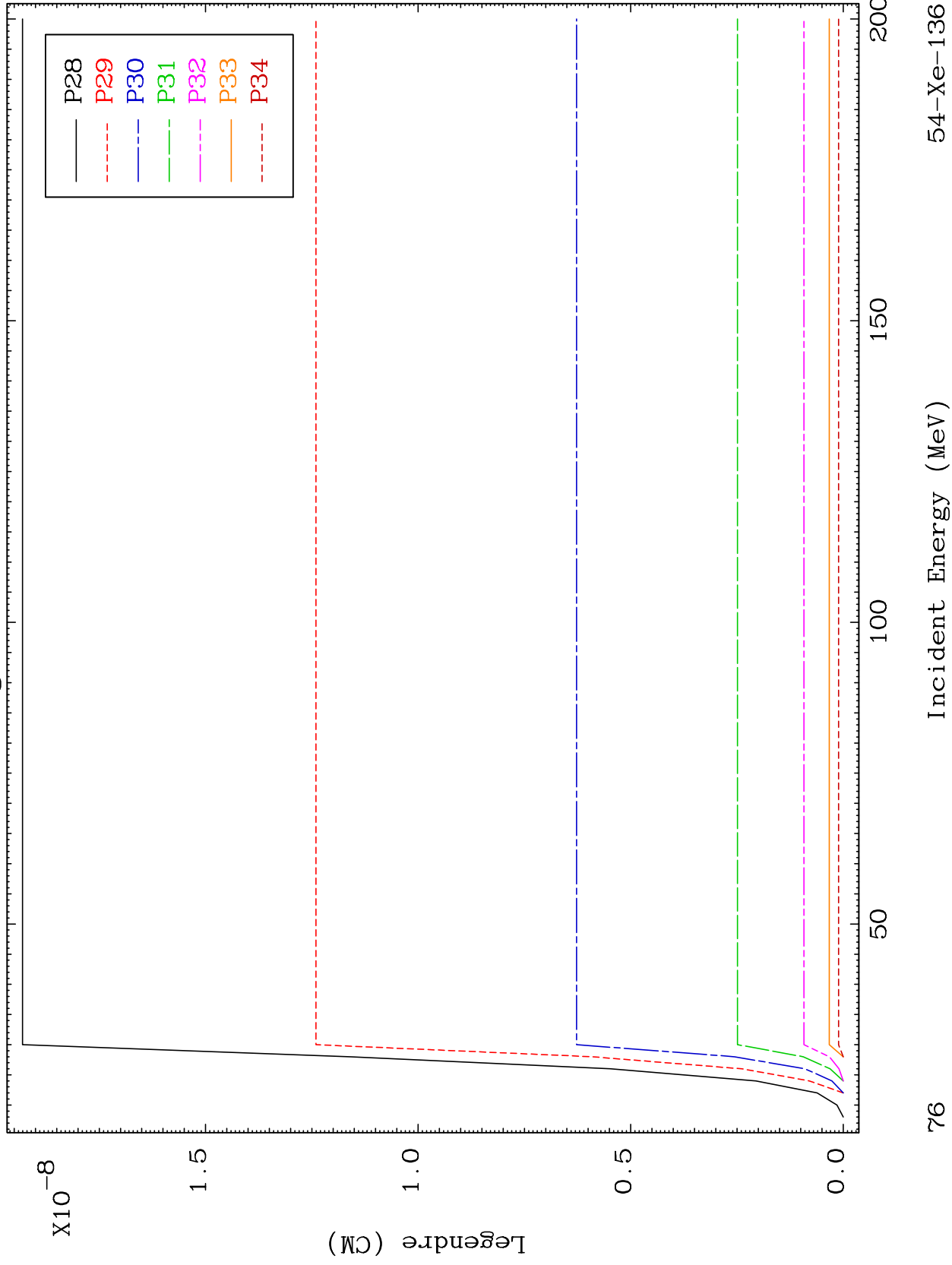
54-Xe-136



MAT 5461

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

54-Xe-136



76

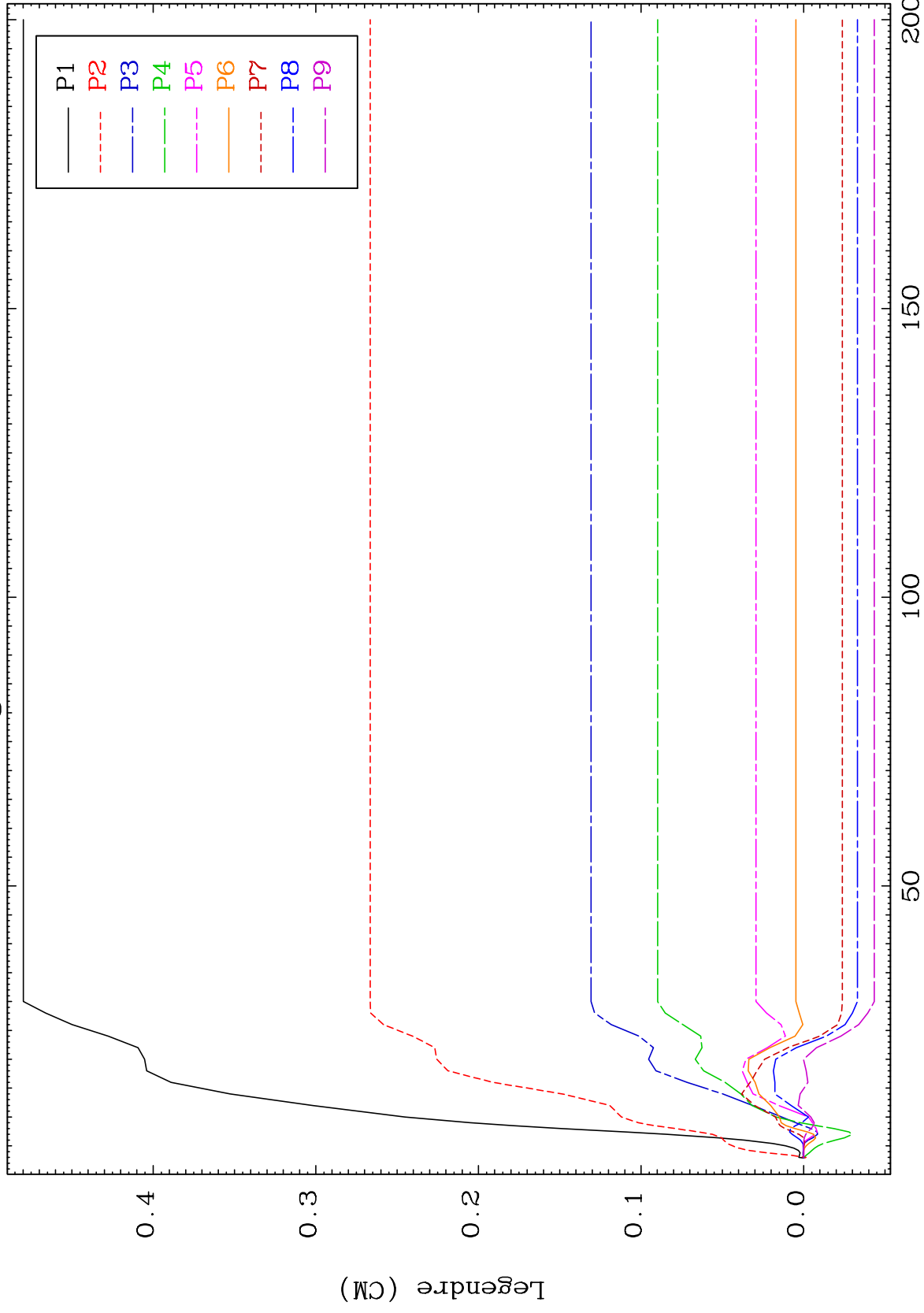
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



77

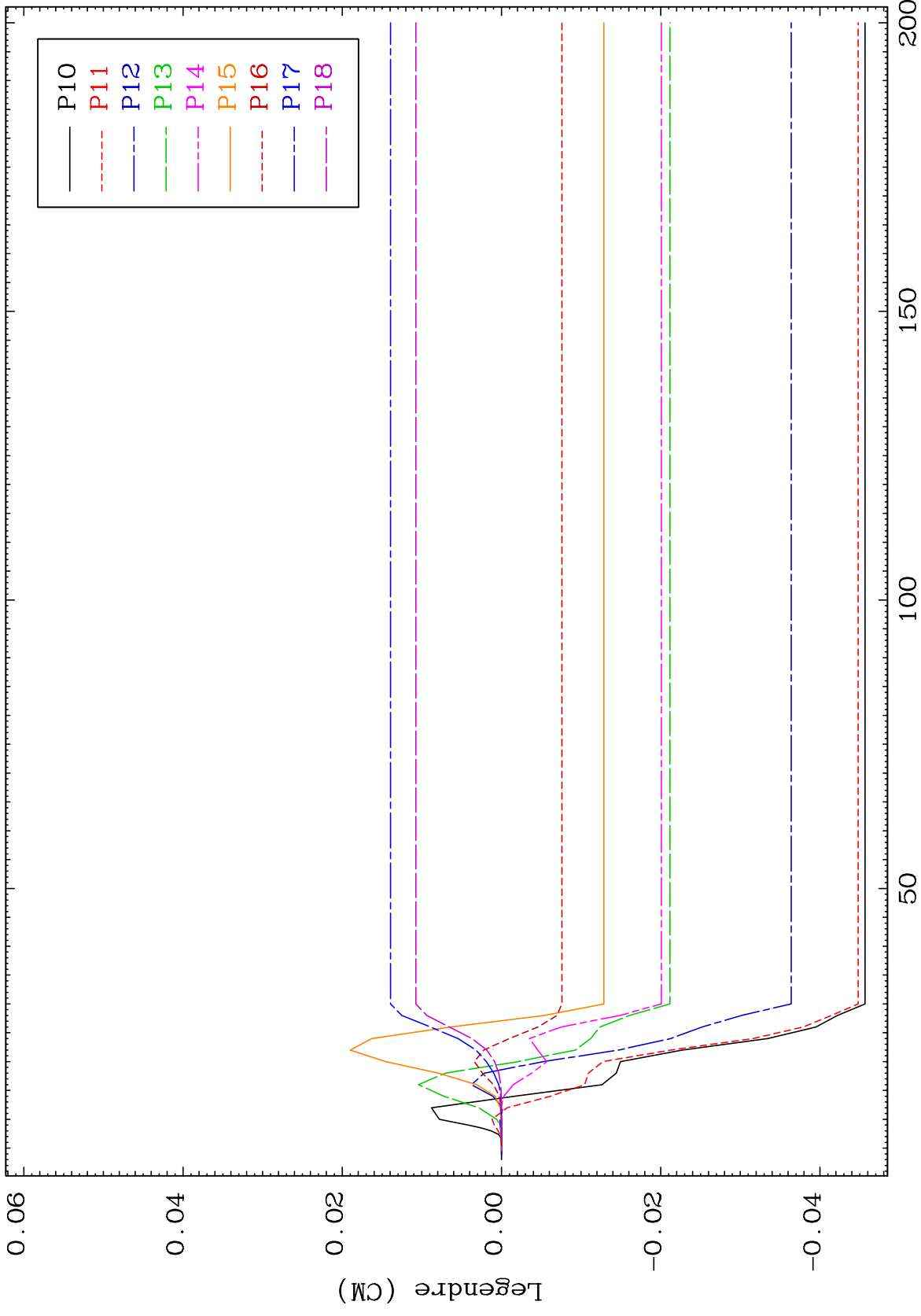
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



78

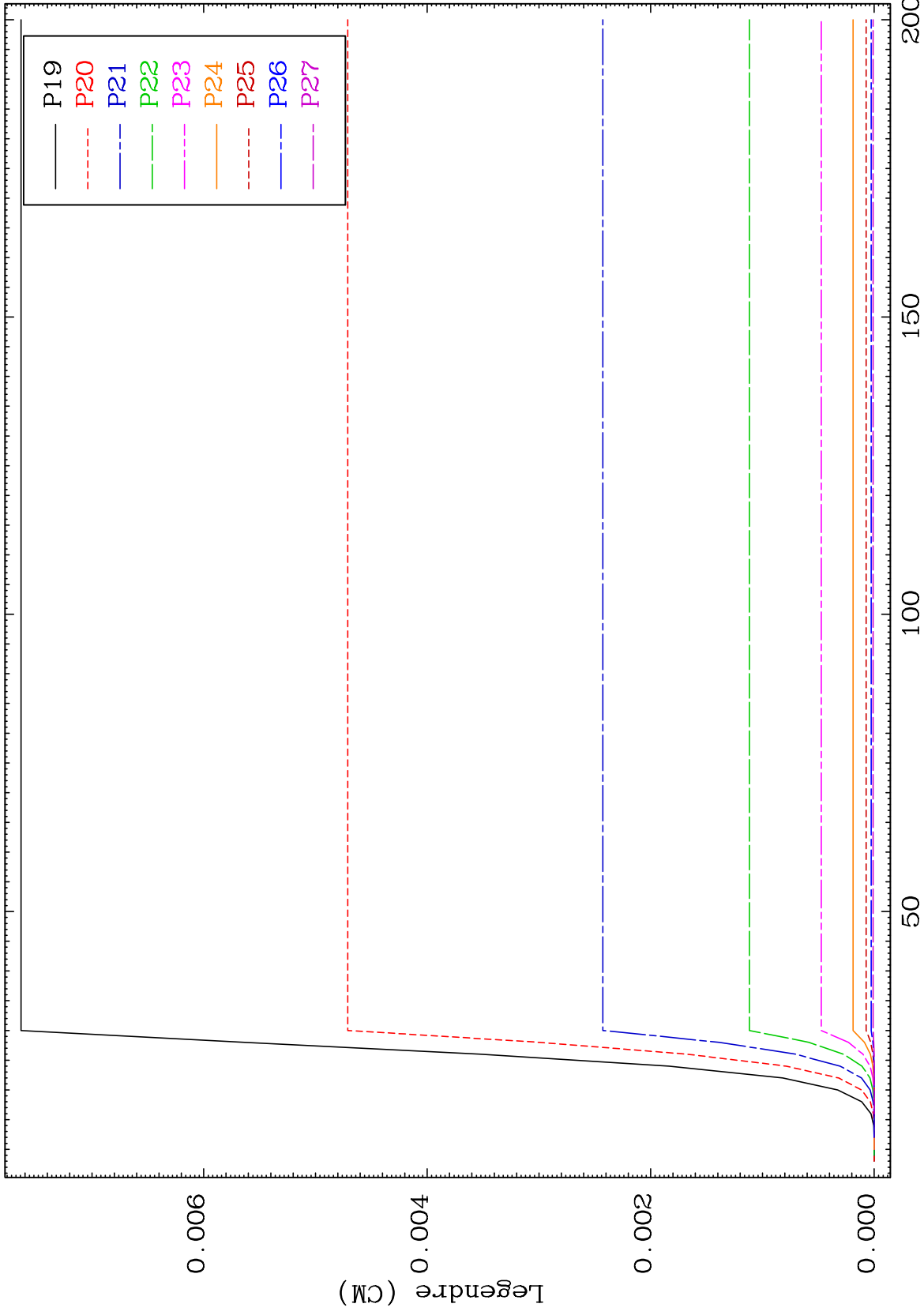
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



79

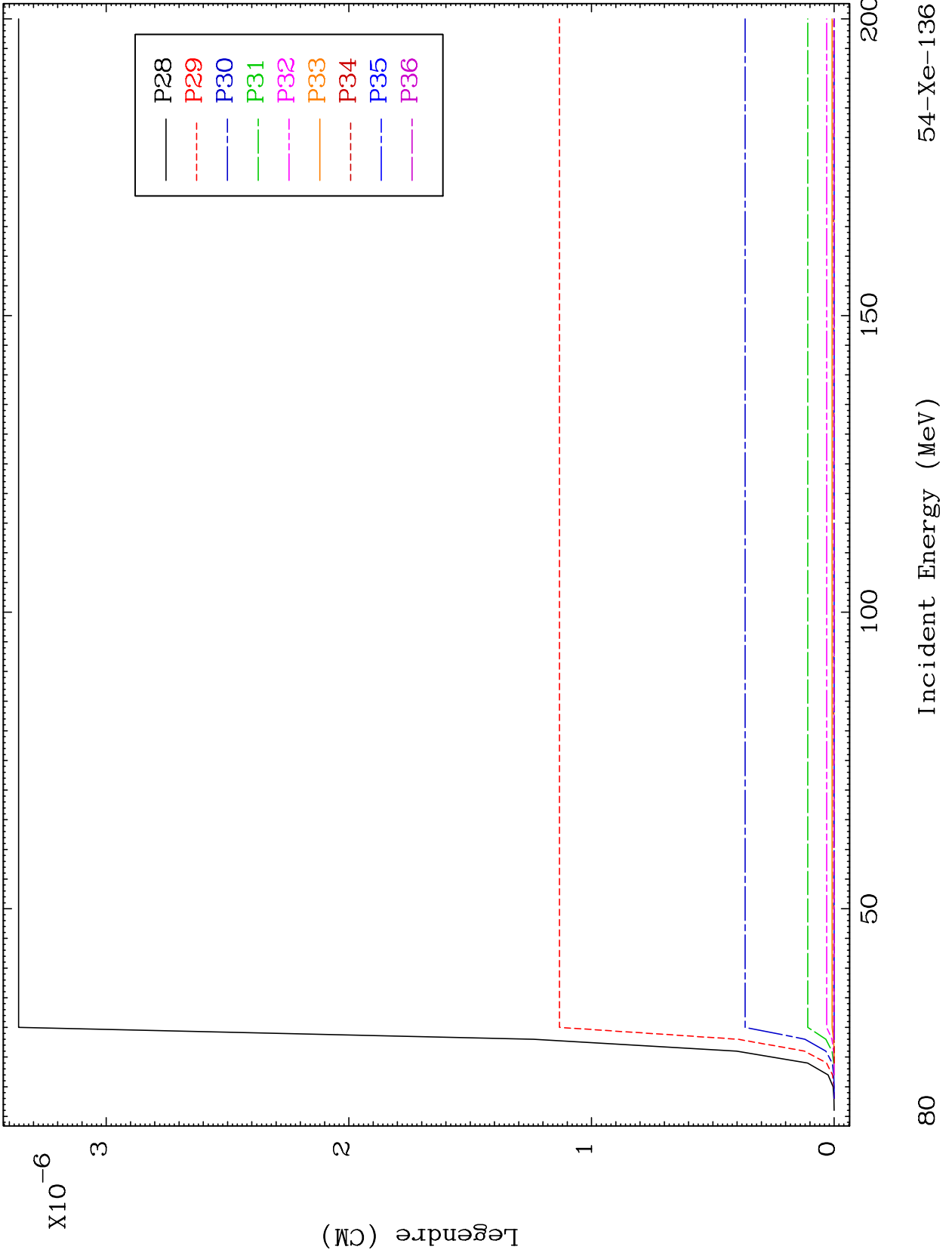
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

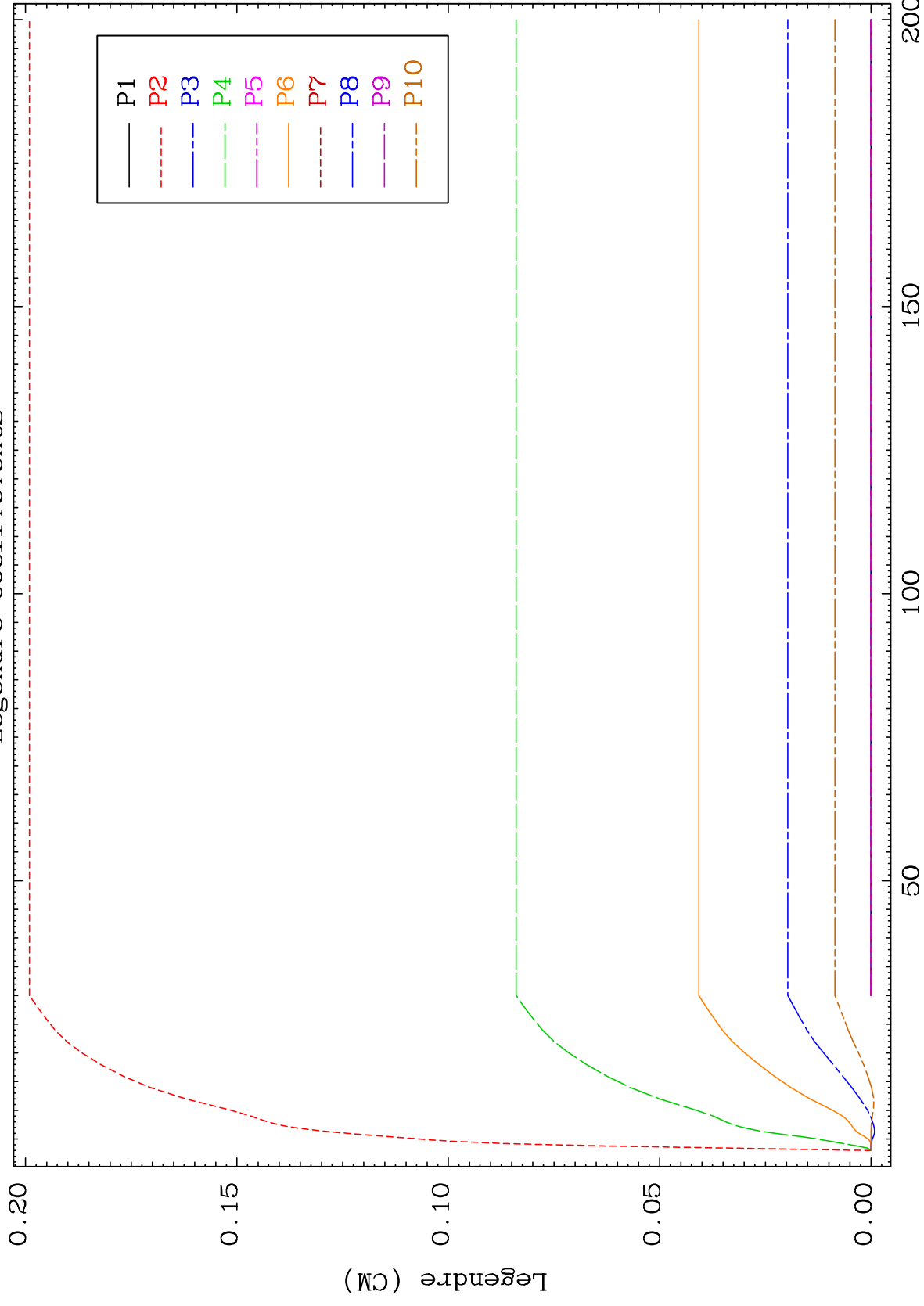
54-Xe-136



MAT 5461

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

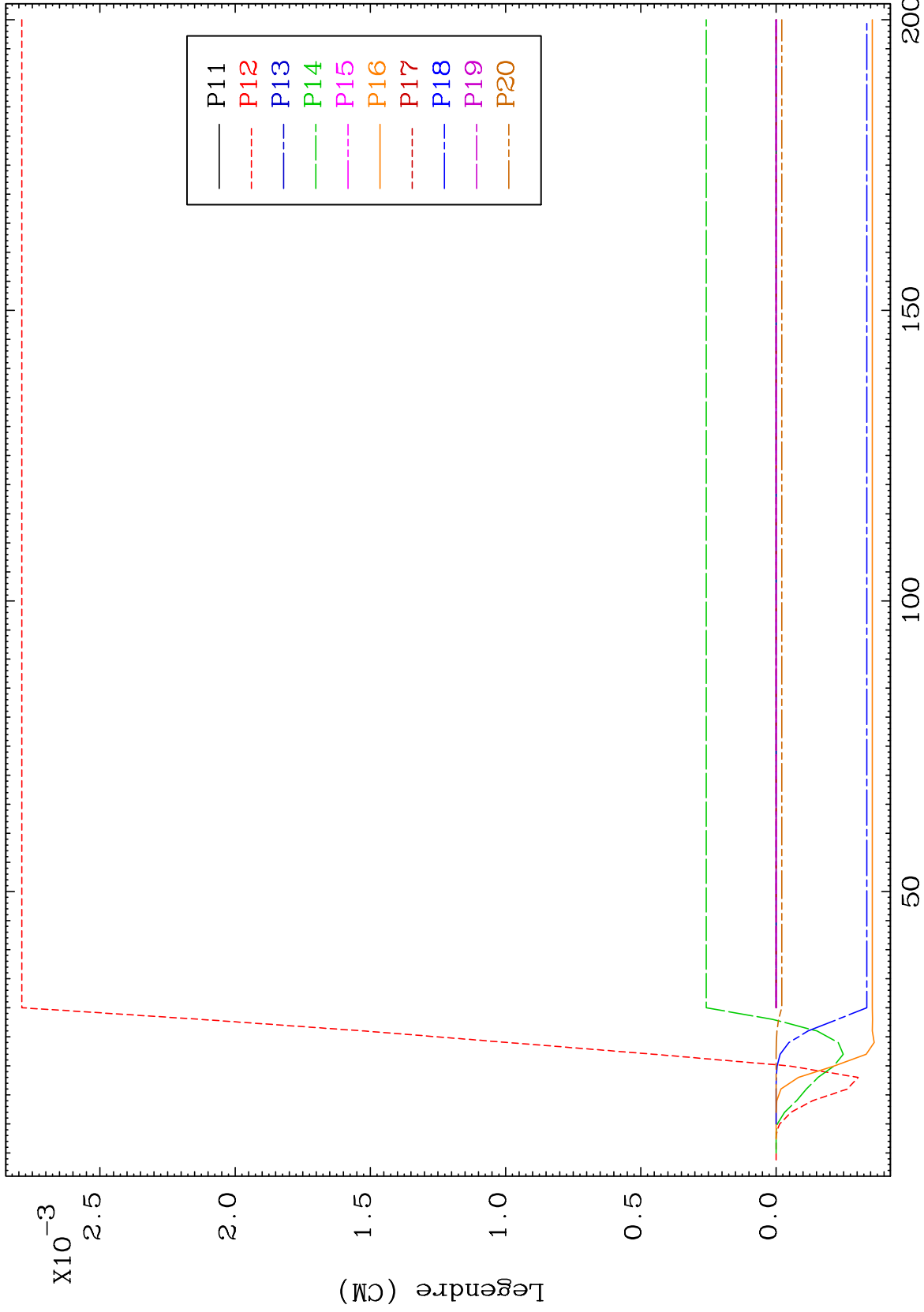
54-Xe-136



81

Incident Energy (MeV)

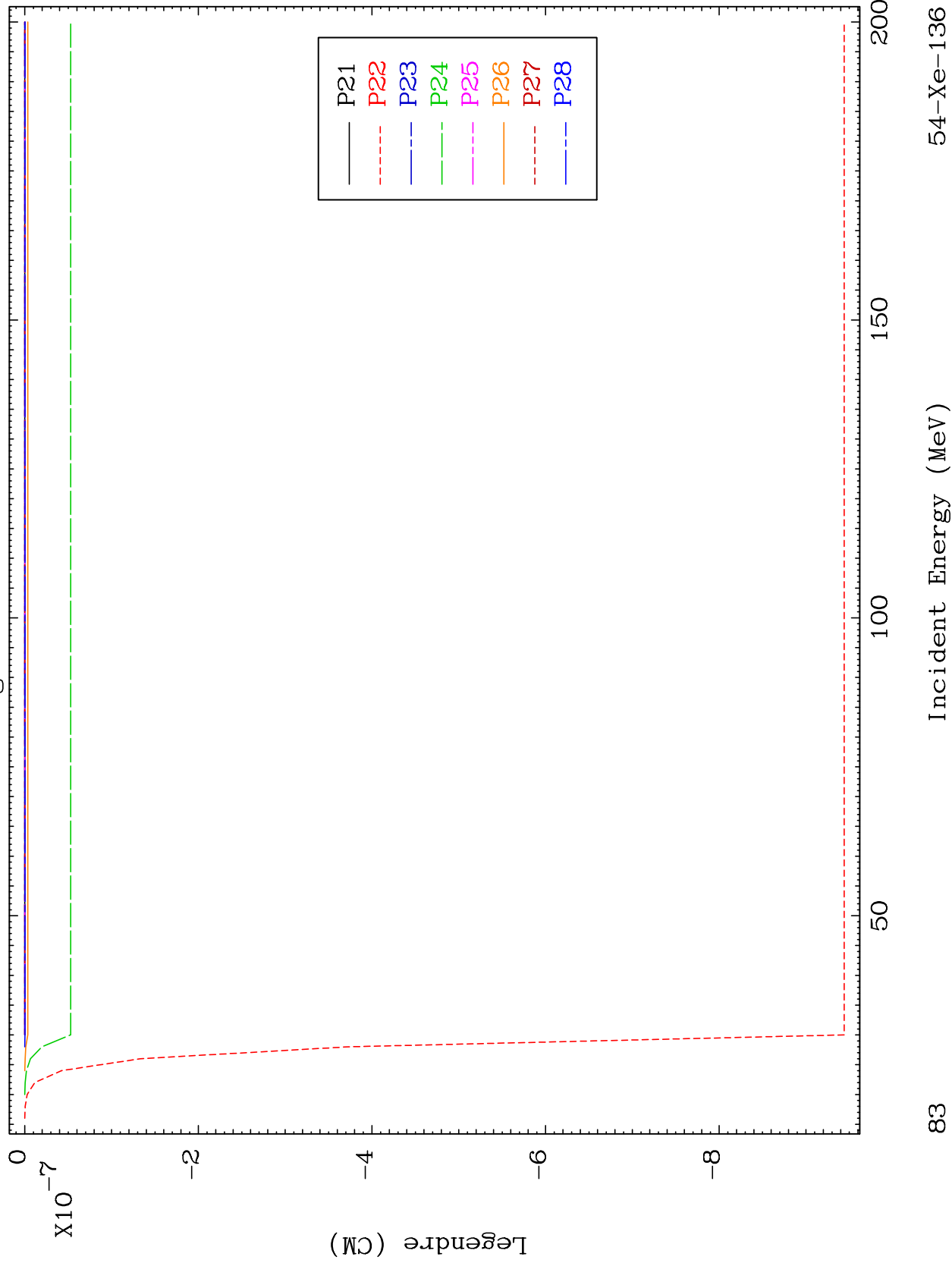
54-Xe-136



MAT 5461

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

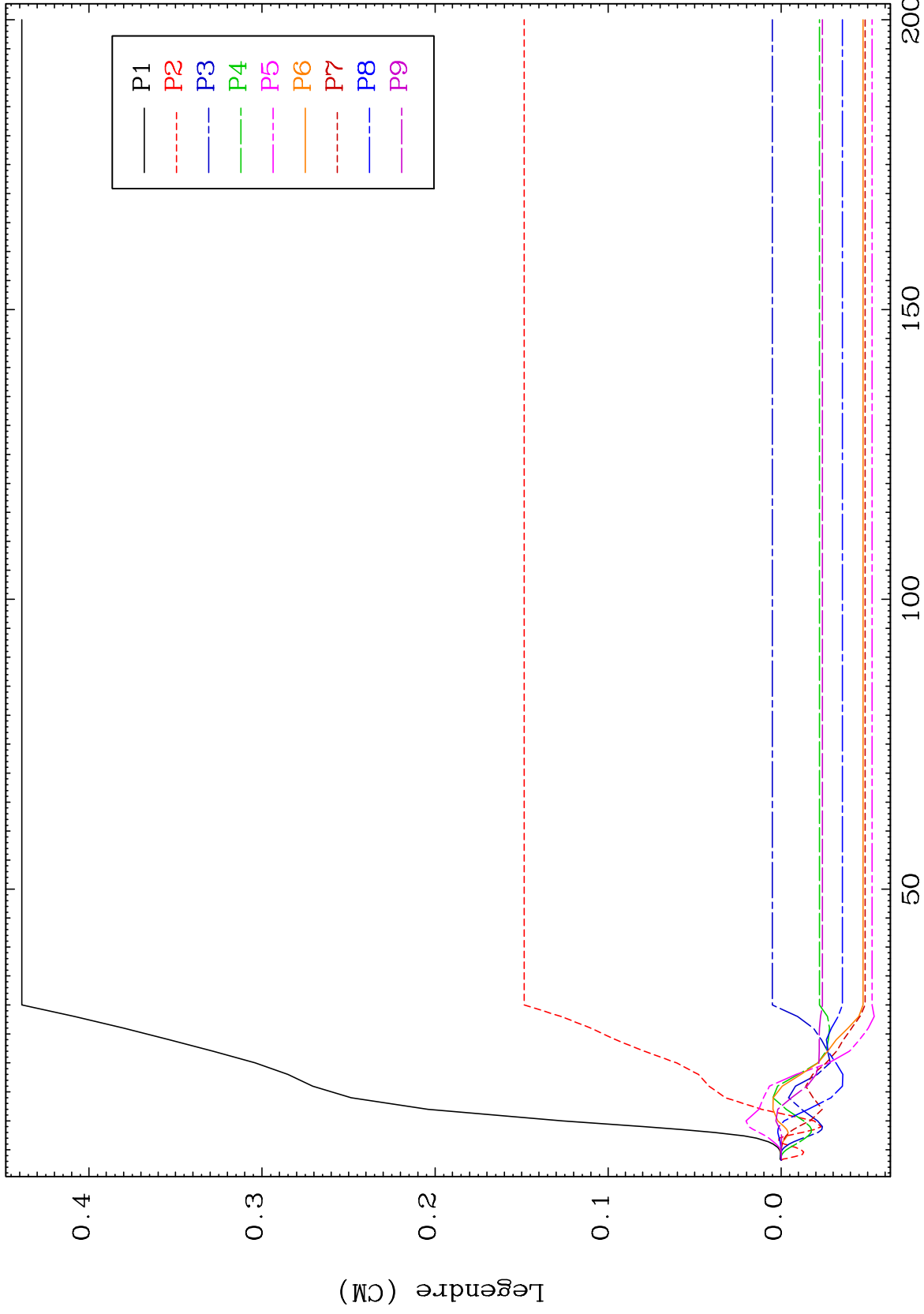
54-Xe-136



83

Incident Energy (MeV)

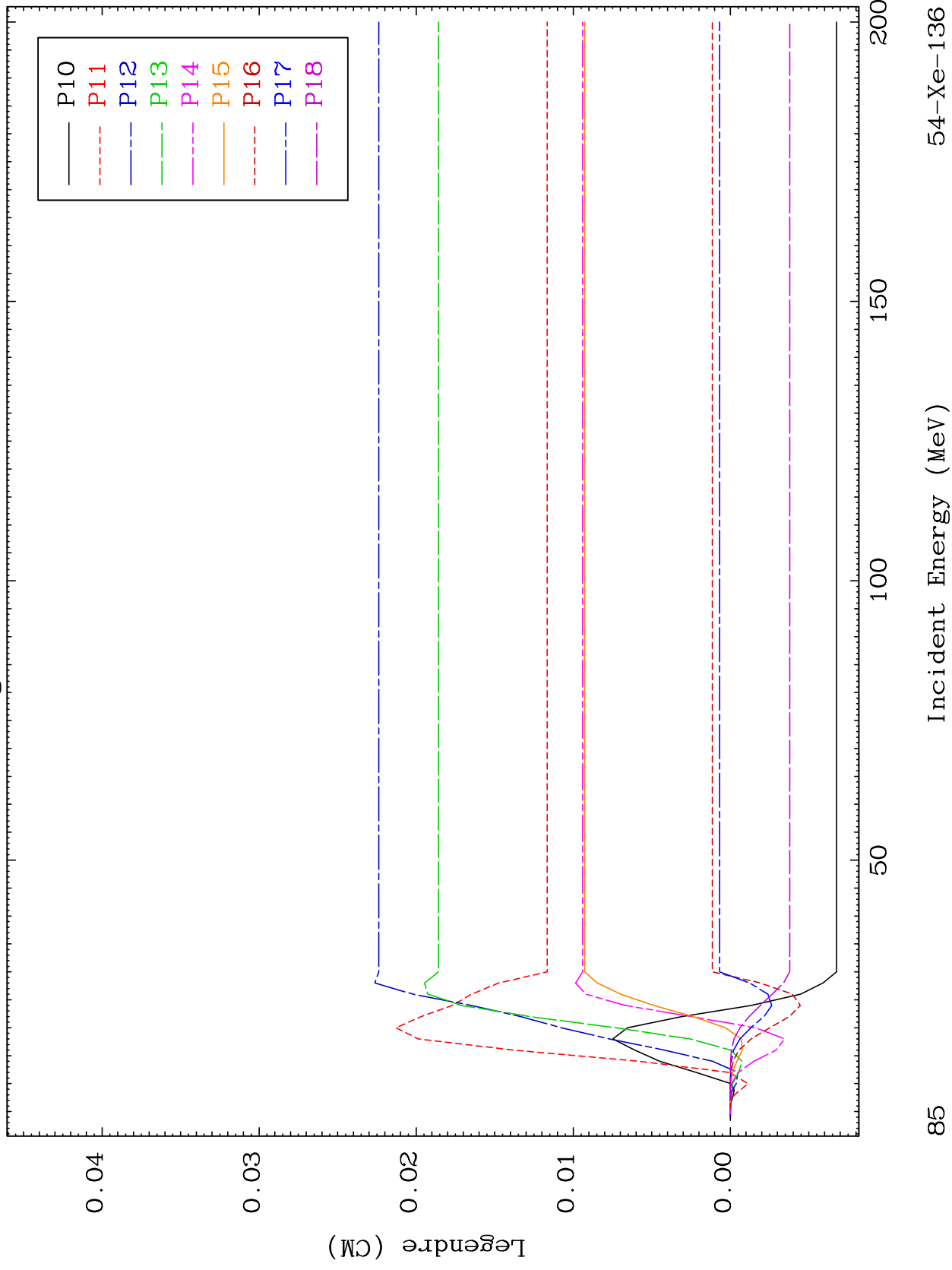
54-Xe-136



MAT 5461

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

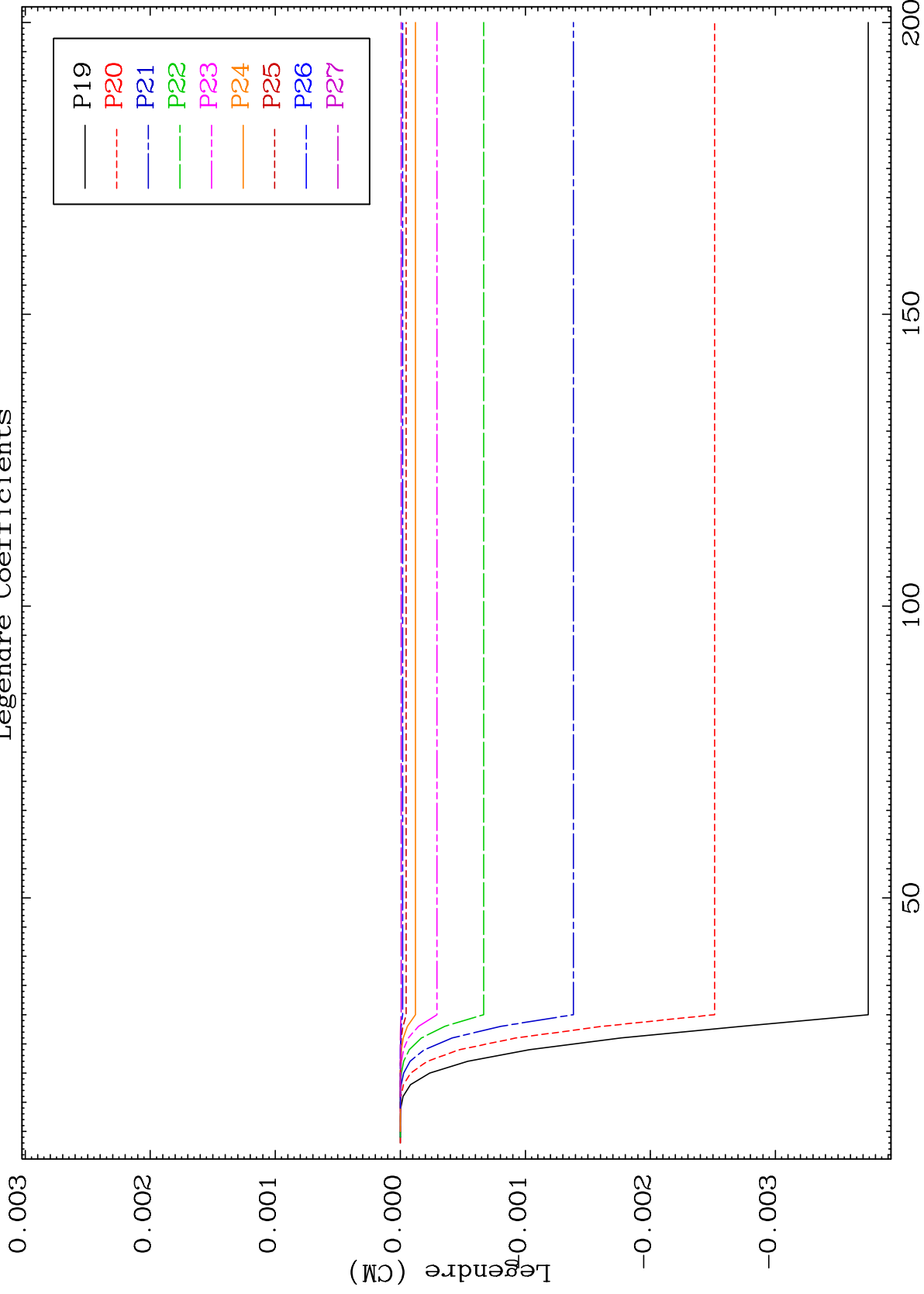
54-Xe-136

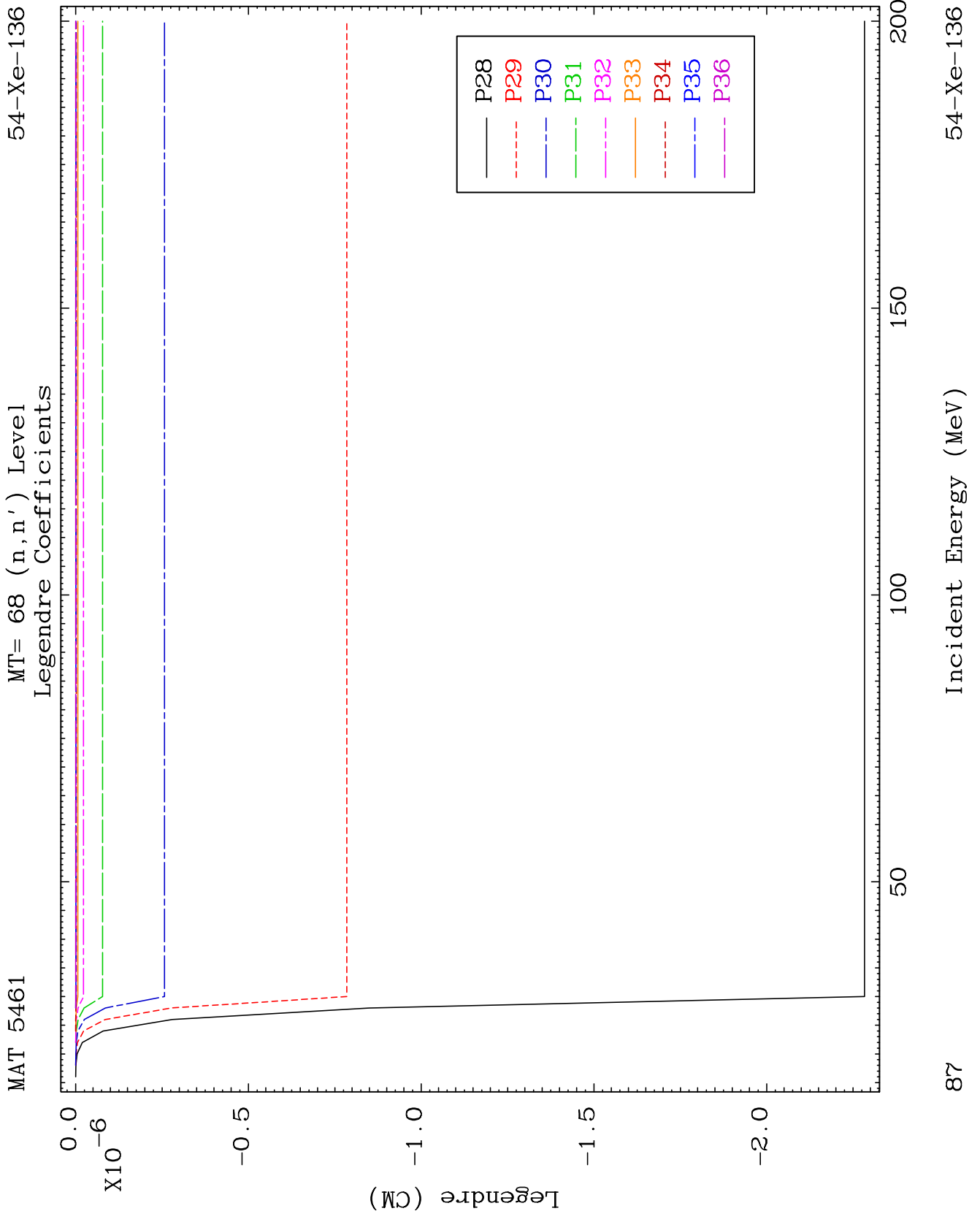


85

Incident Energy (MeV)

54-Xe-136

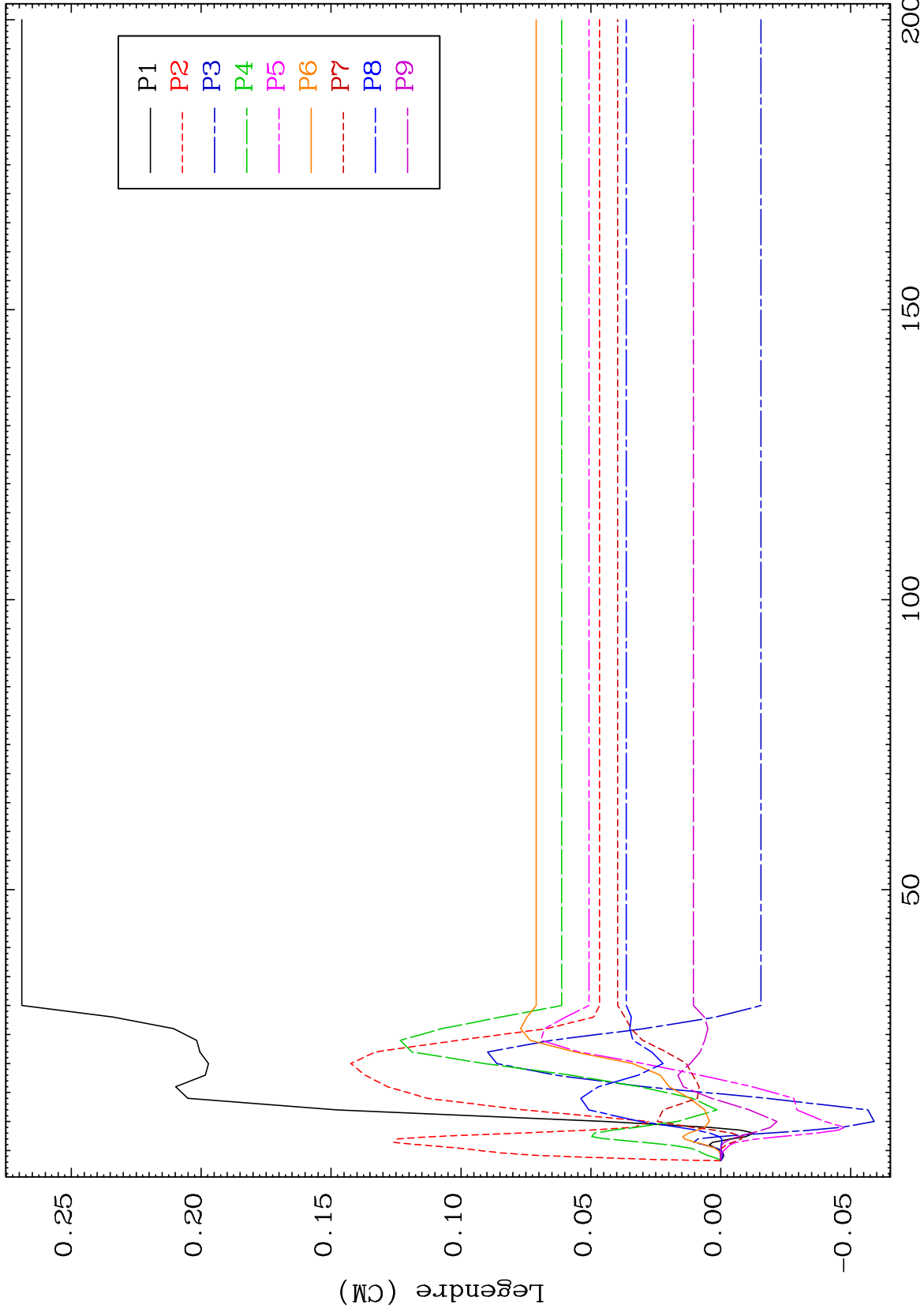




MAT 5461

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

54-Xe-136



88

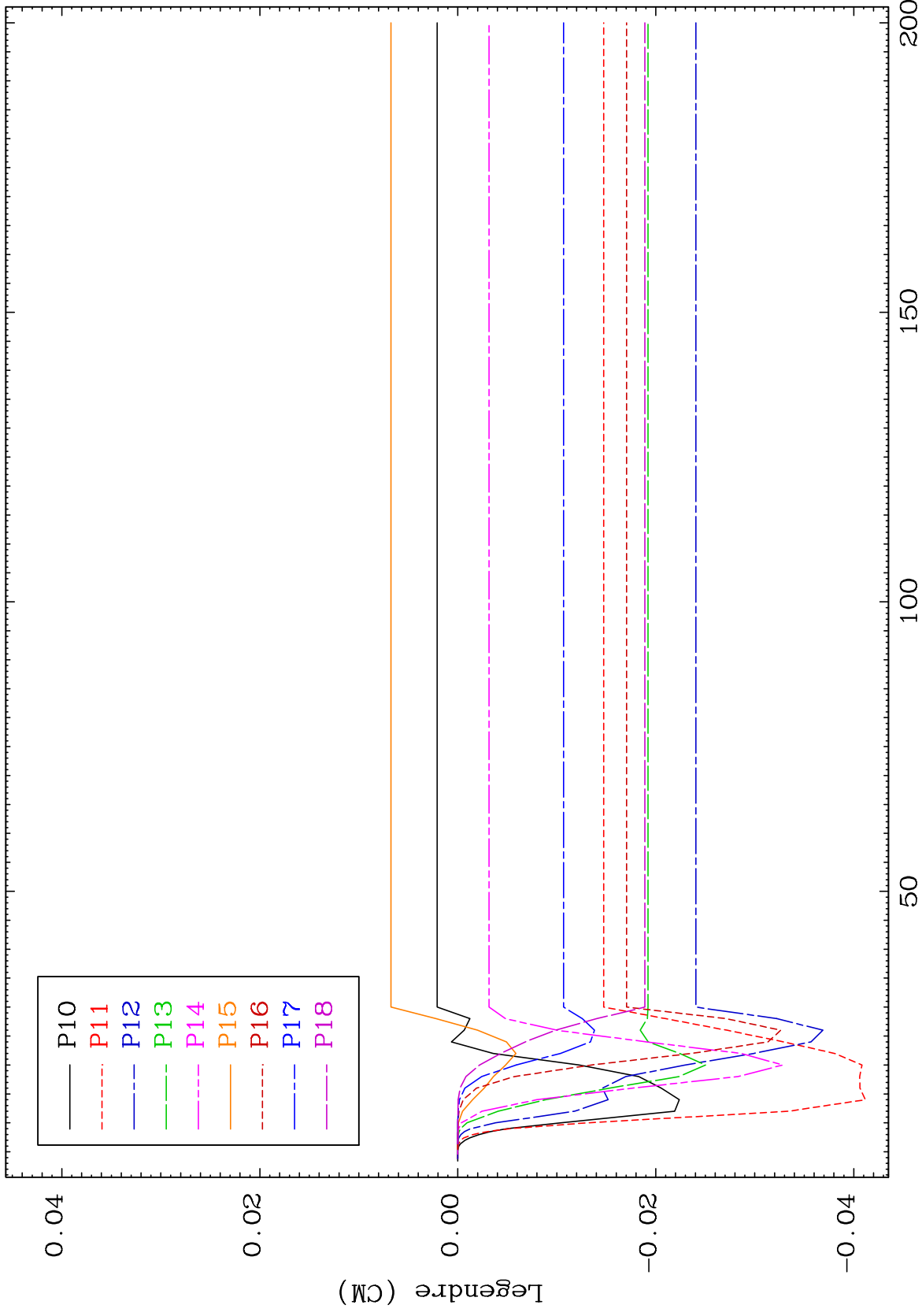
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

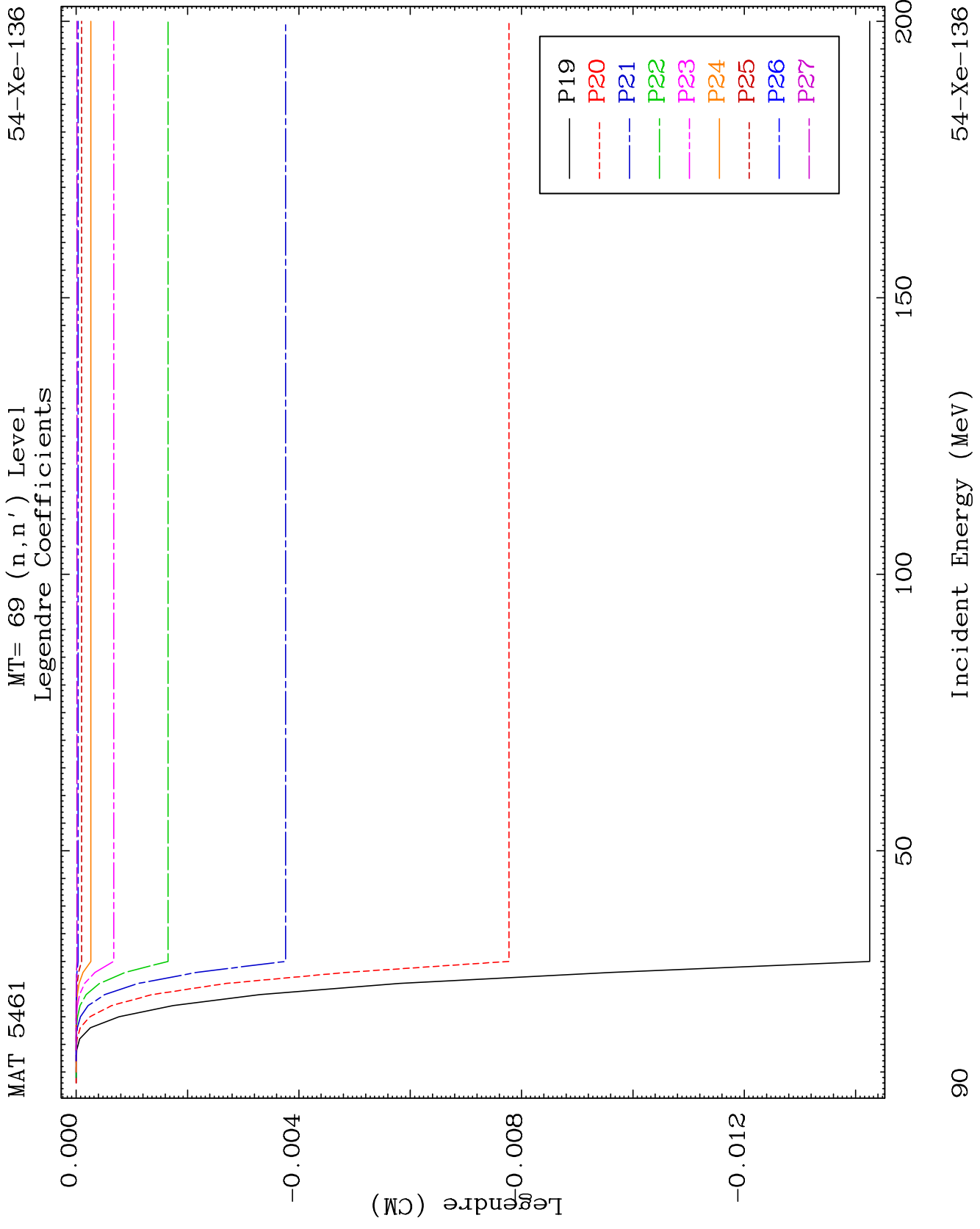
54-Xe-136

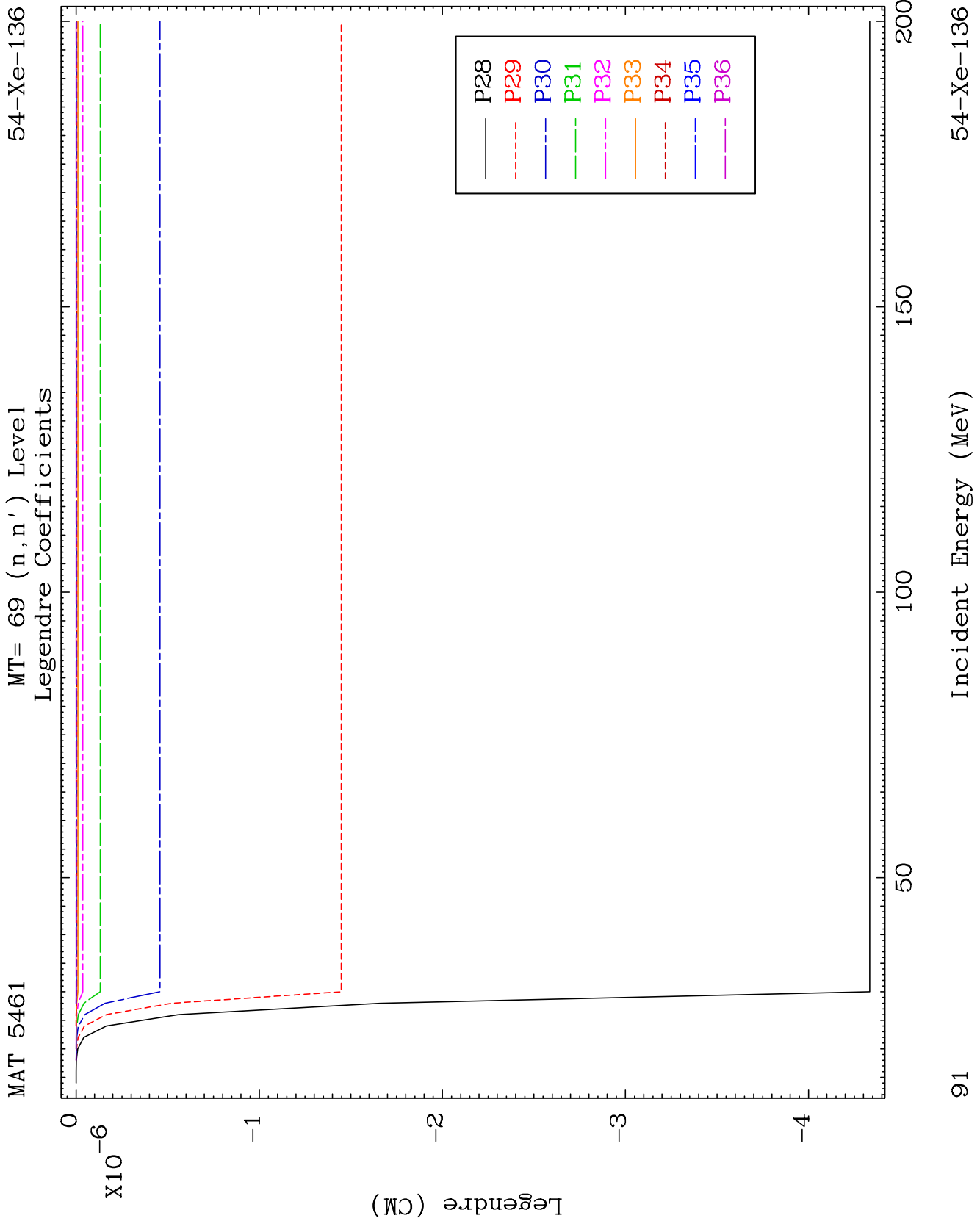


89

Incident Energy (MeV)

54-Xe-136

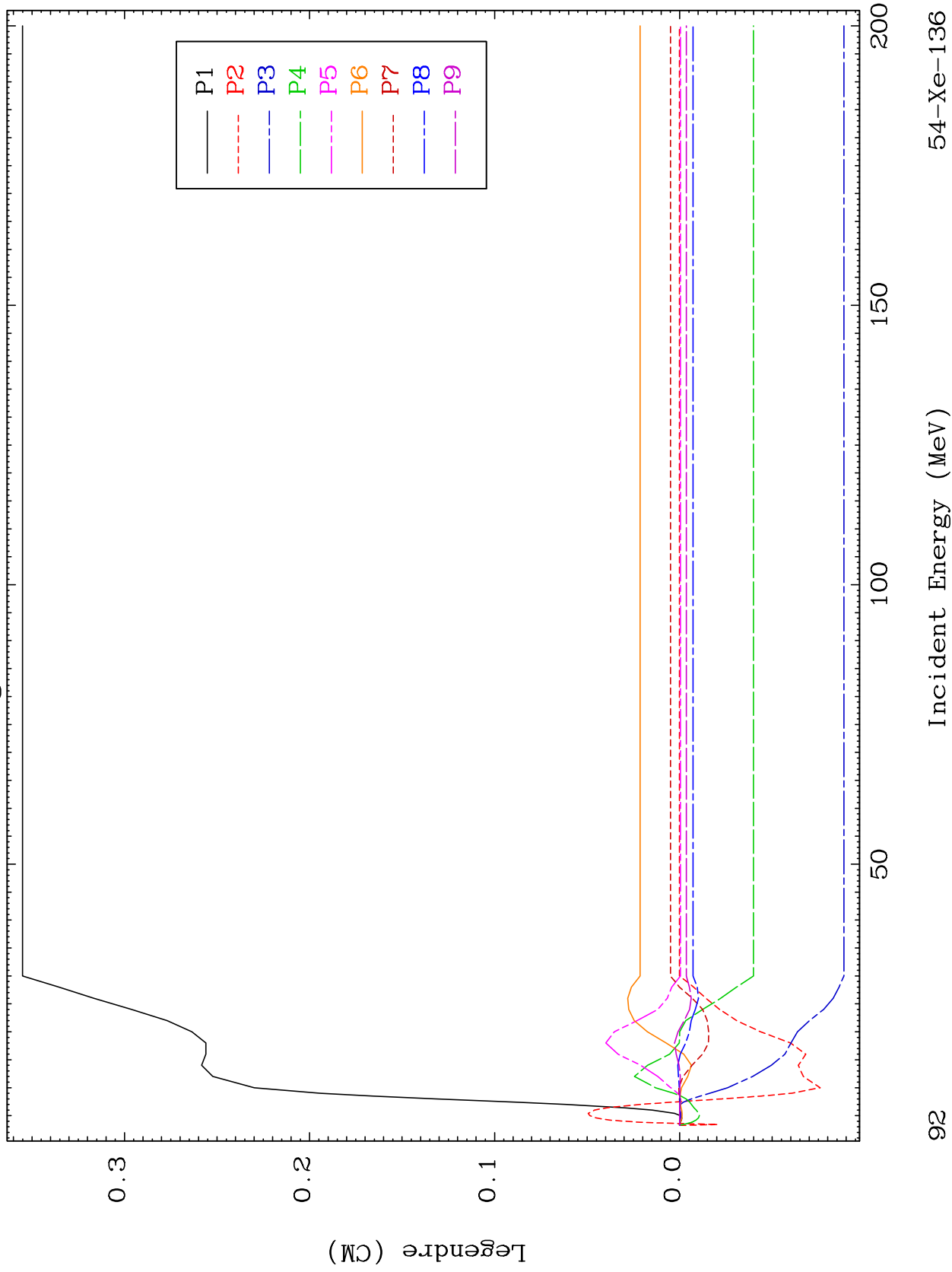




MAT 5461

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

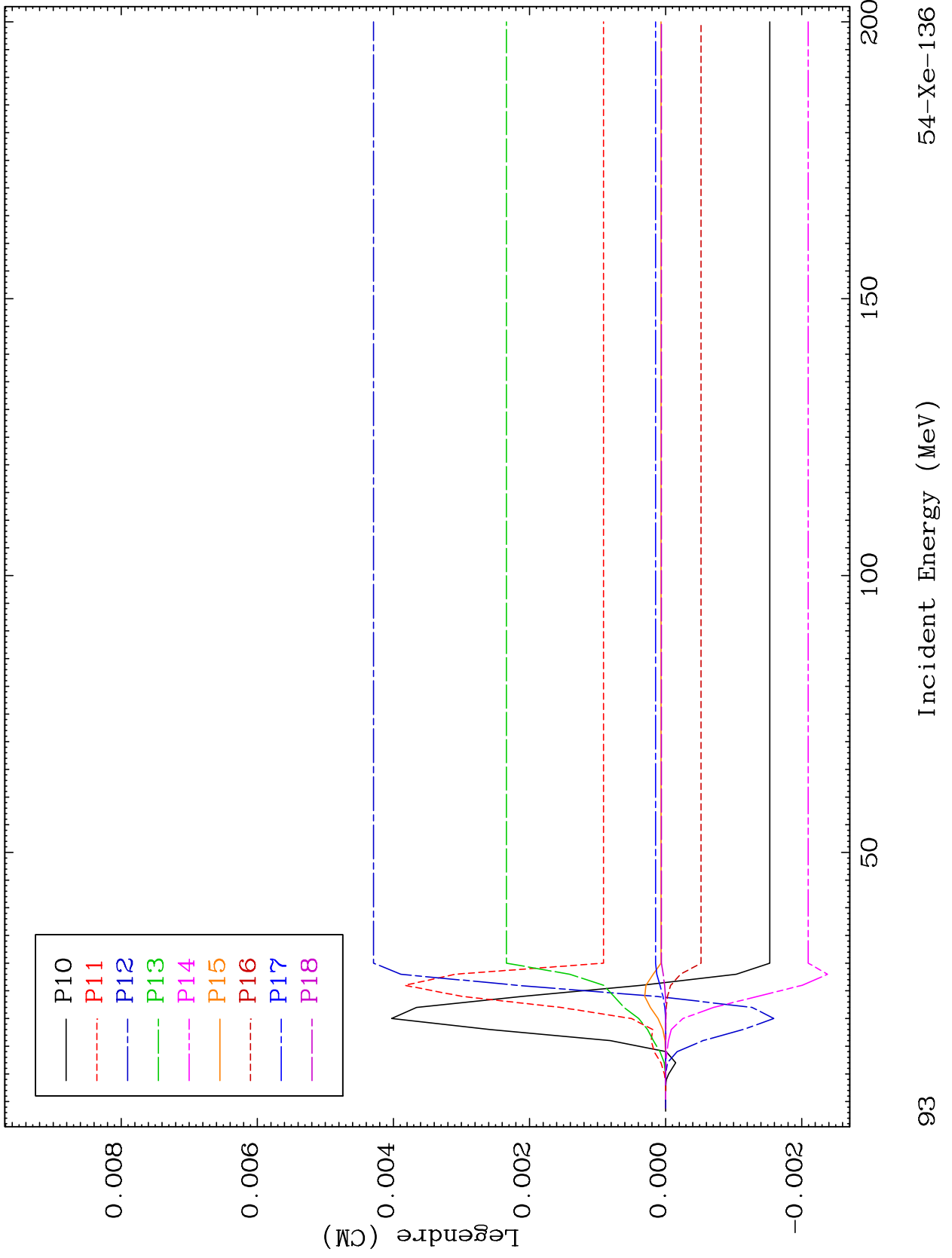
54-Xe-136

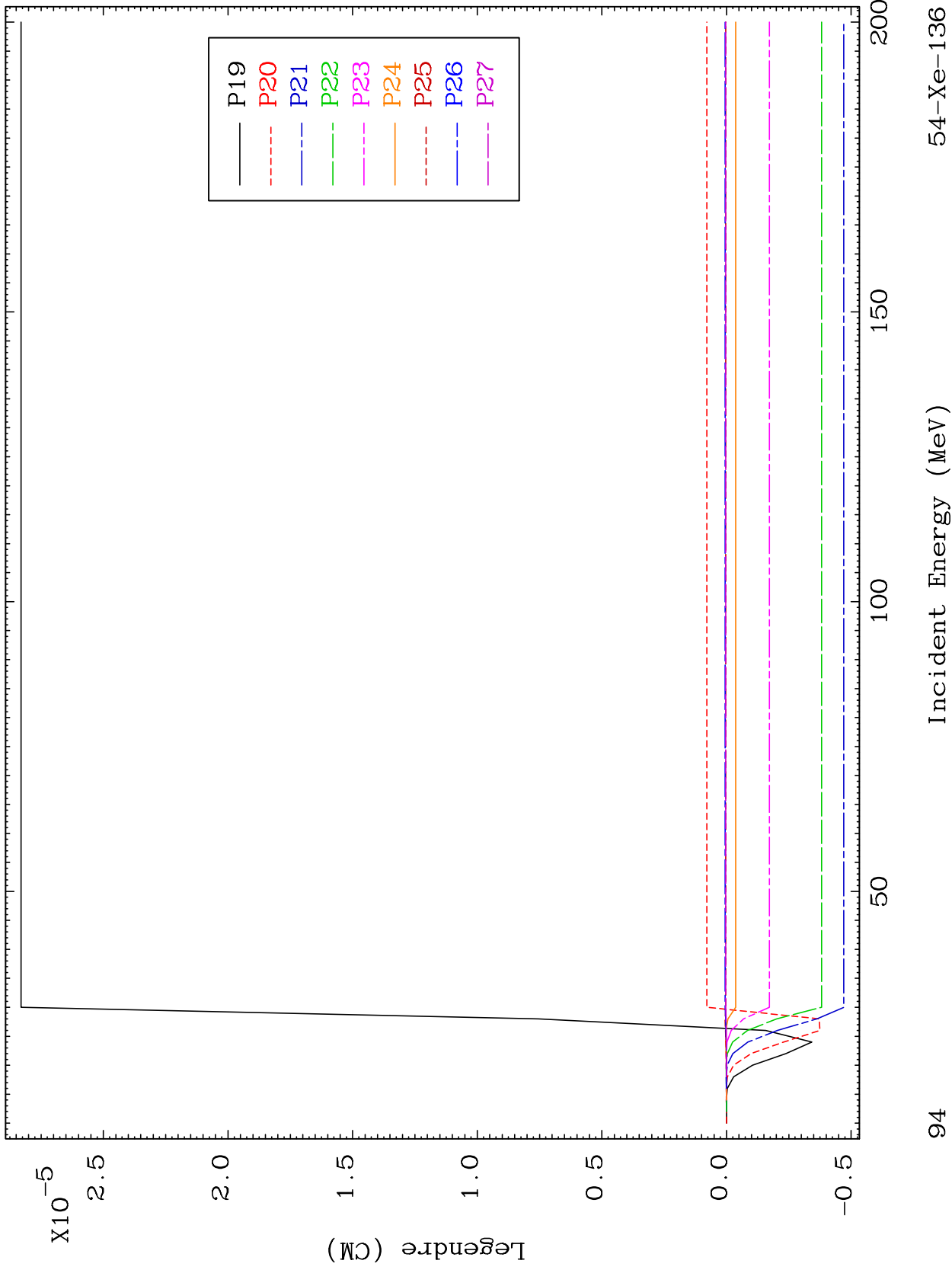


92

Incident Energy (MeV)

54-Xe-136

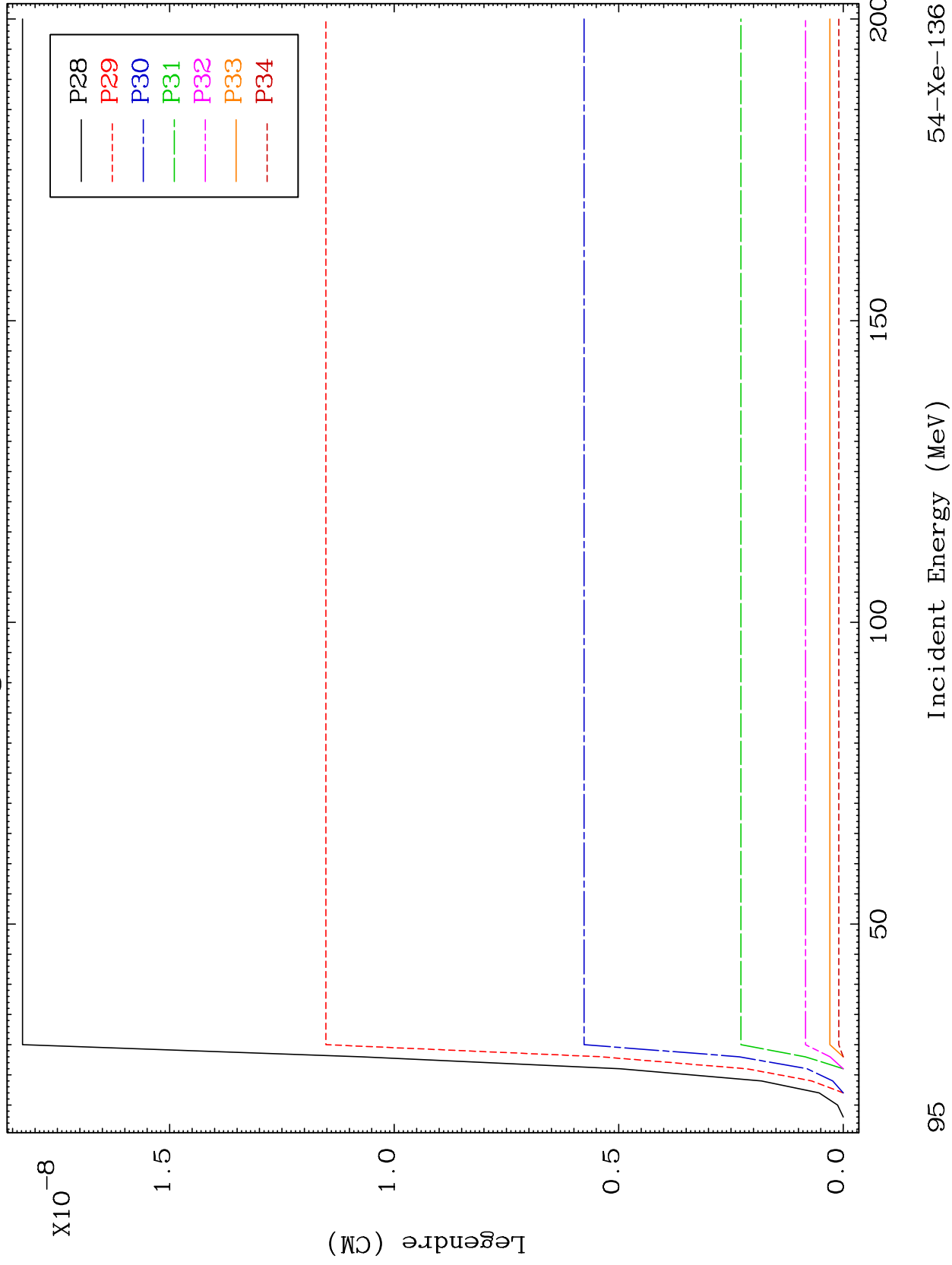


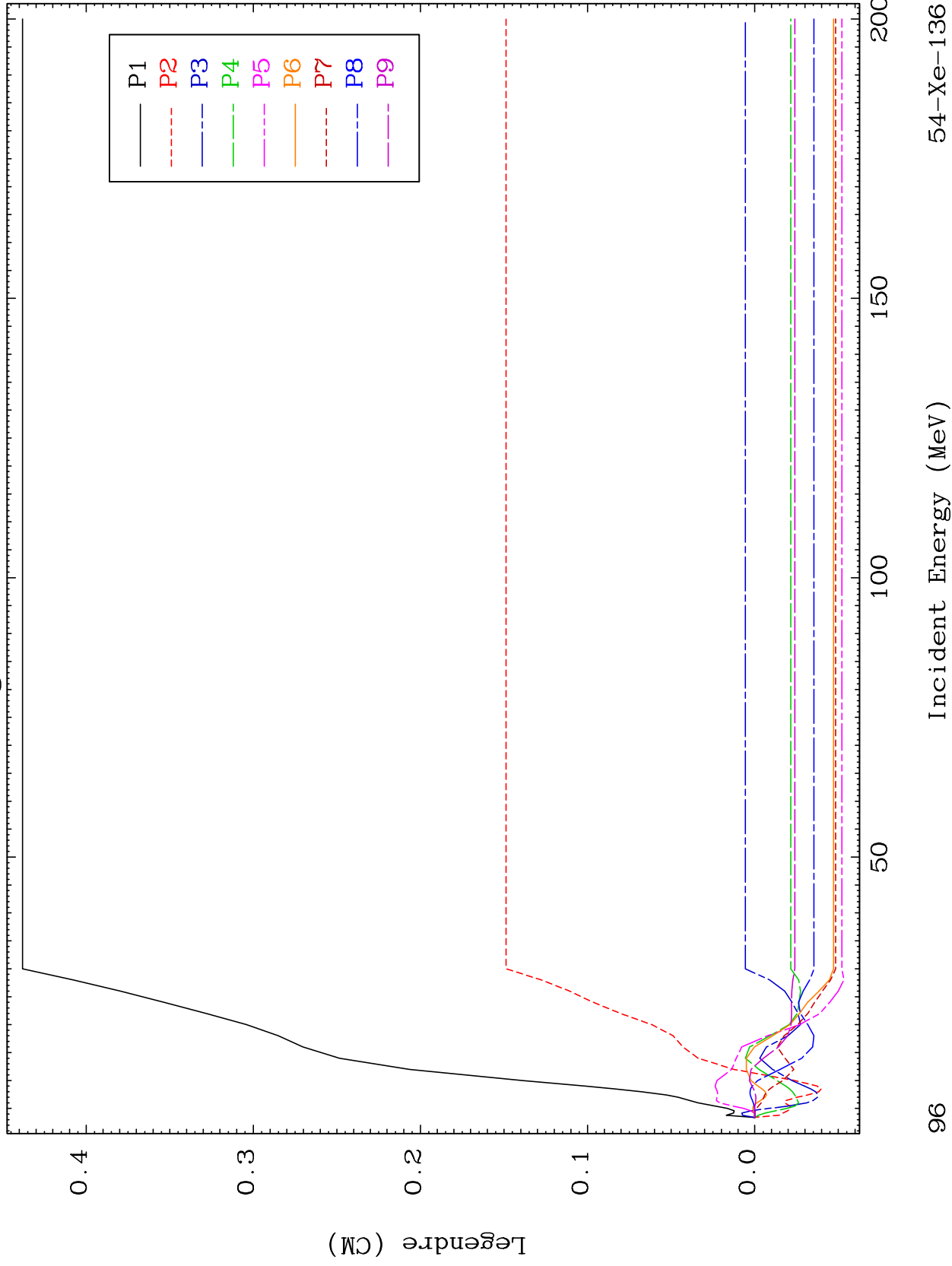


MAT 5461

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

54-Xe-136

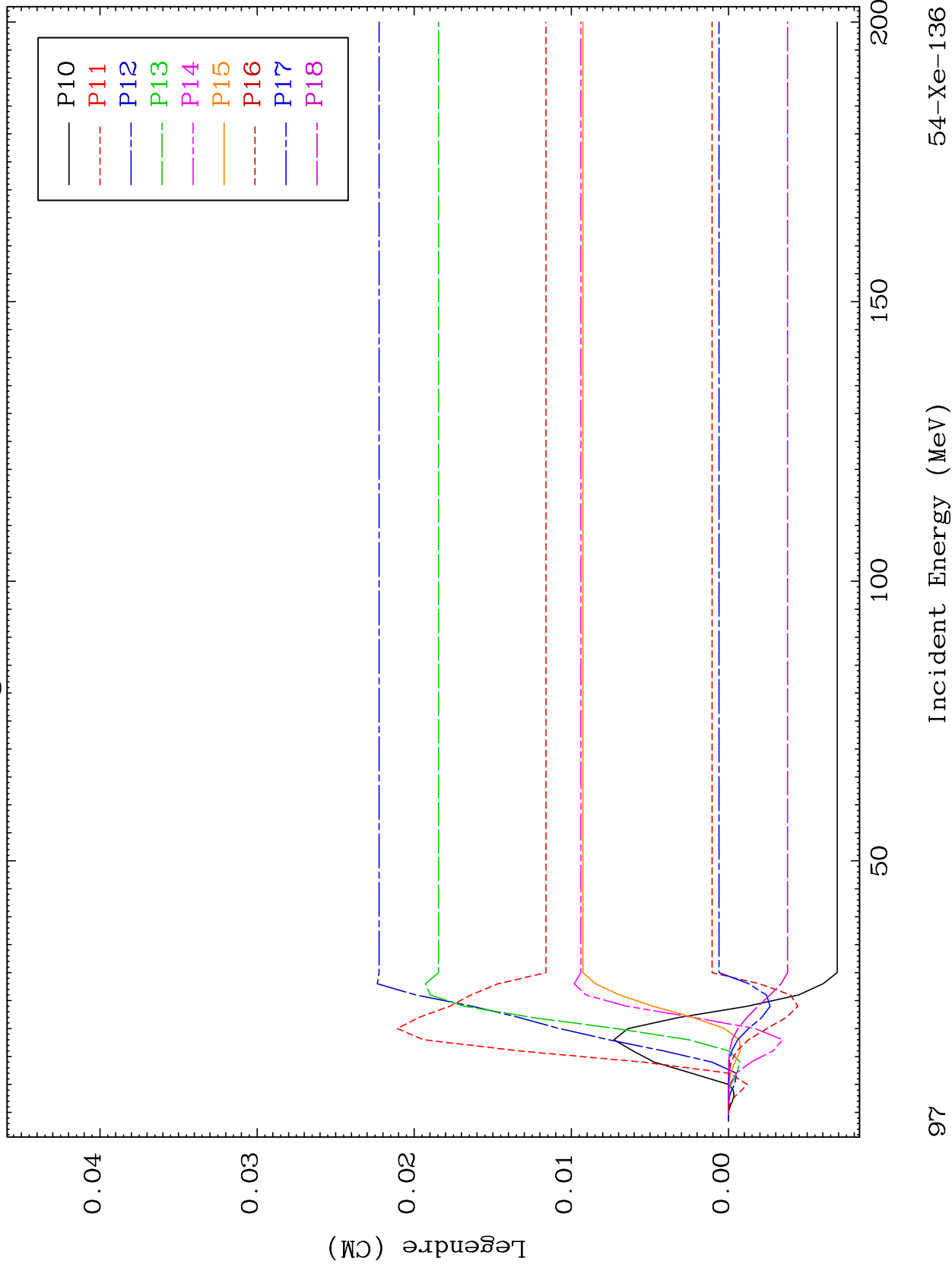


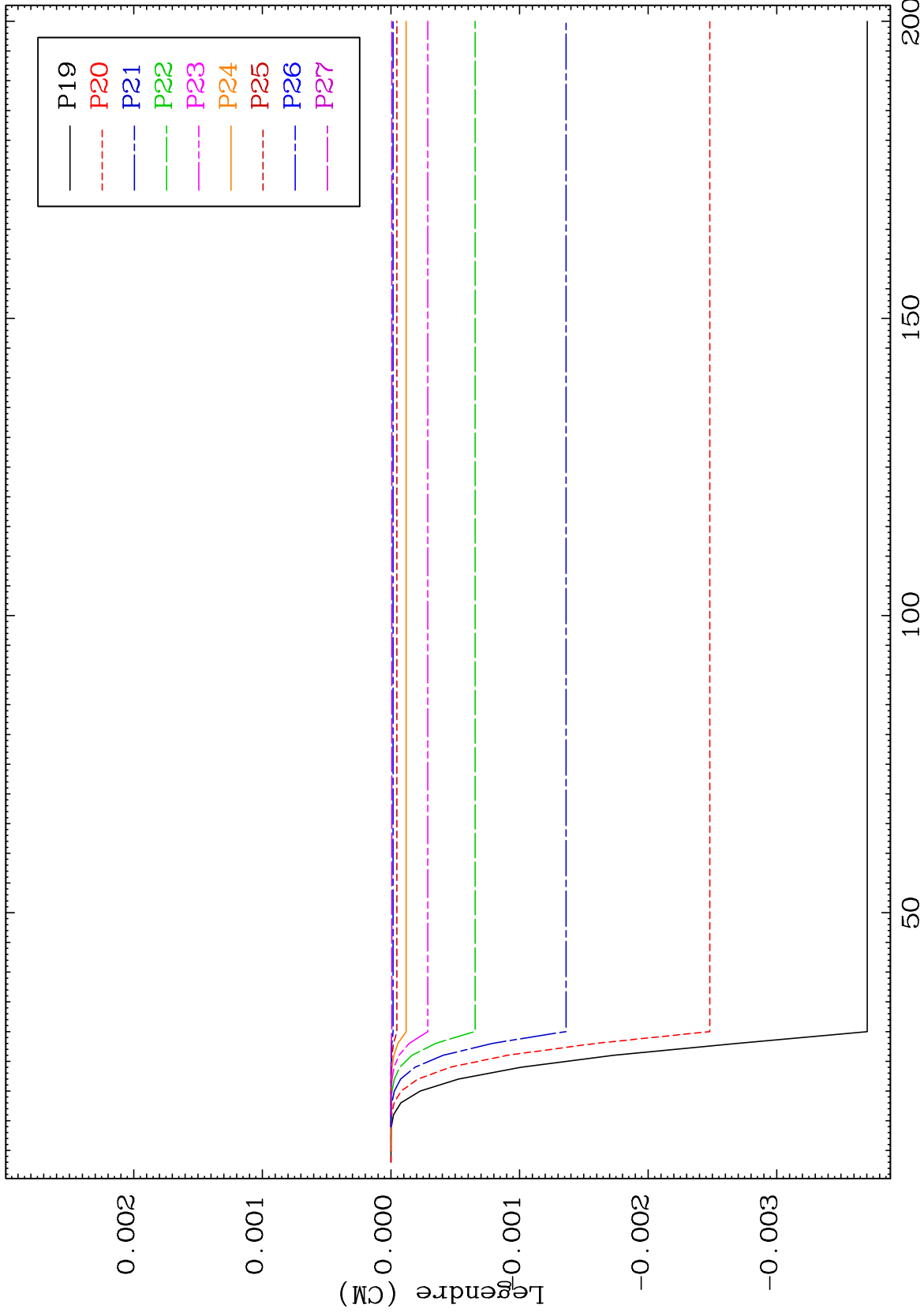


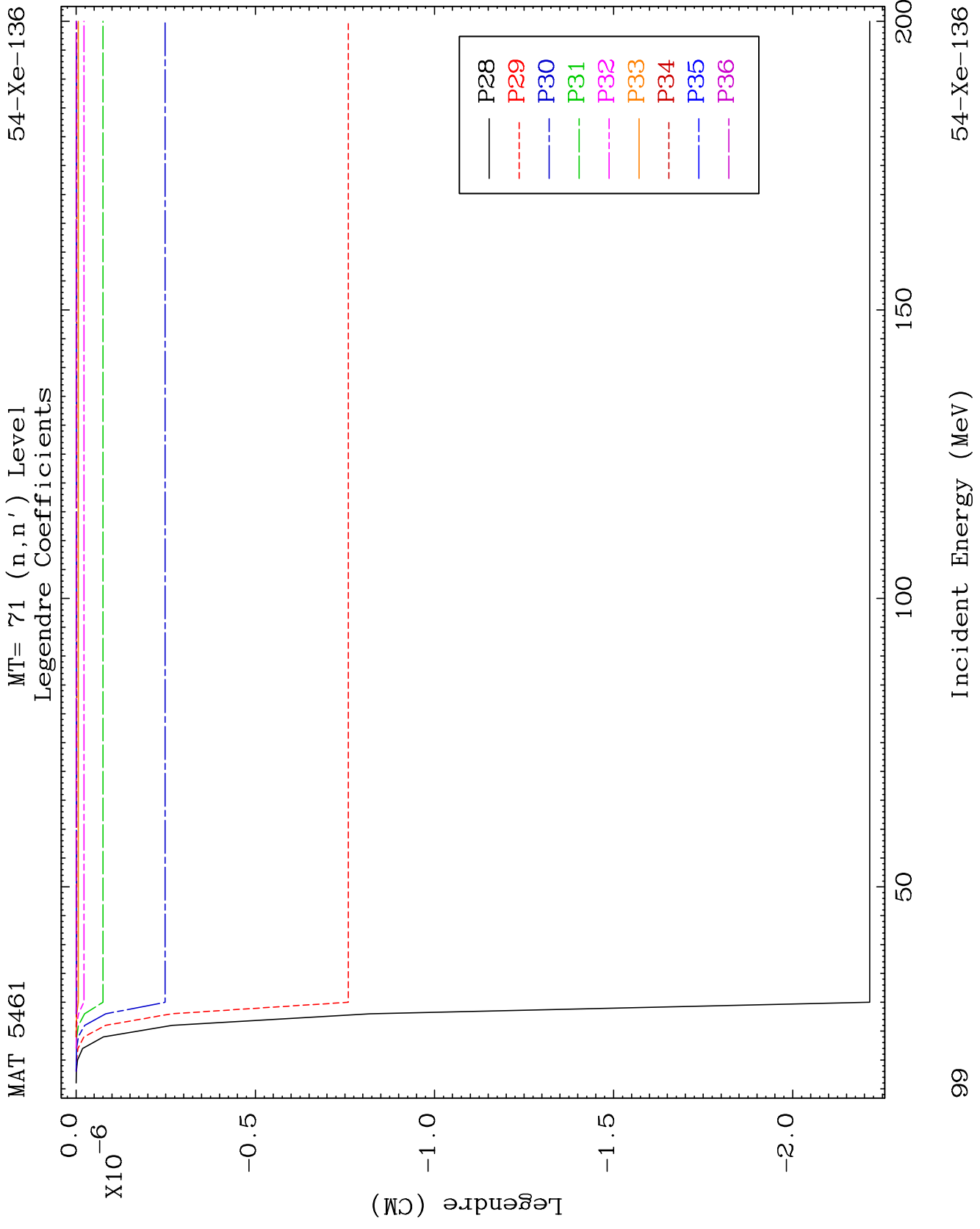
MAT 5461

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

54-Xe-136



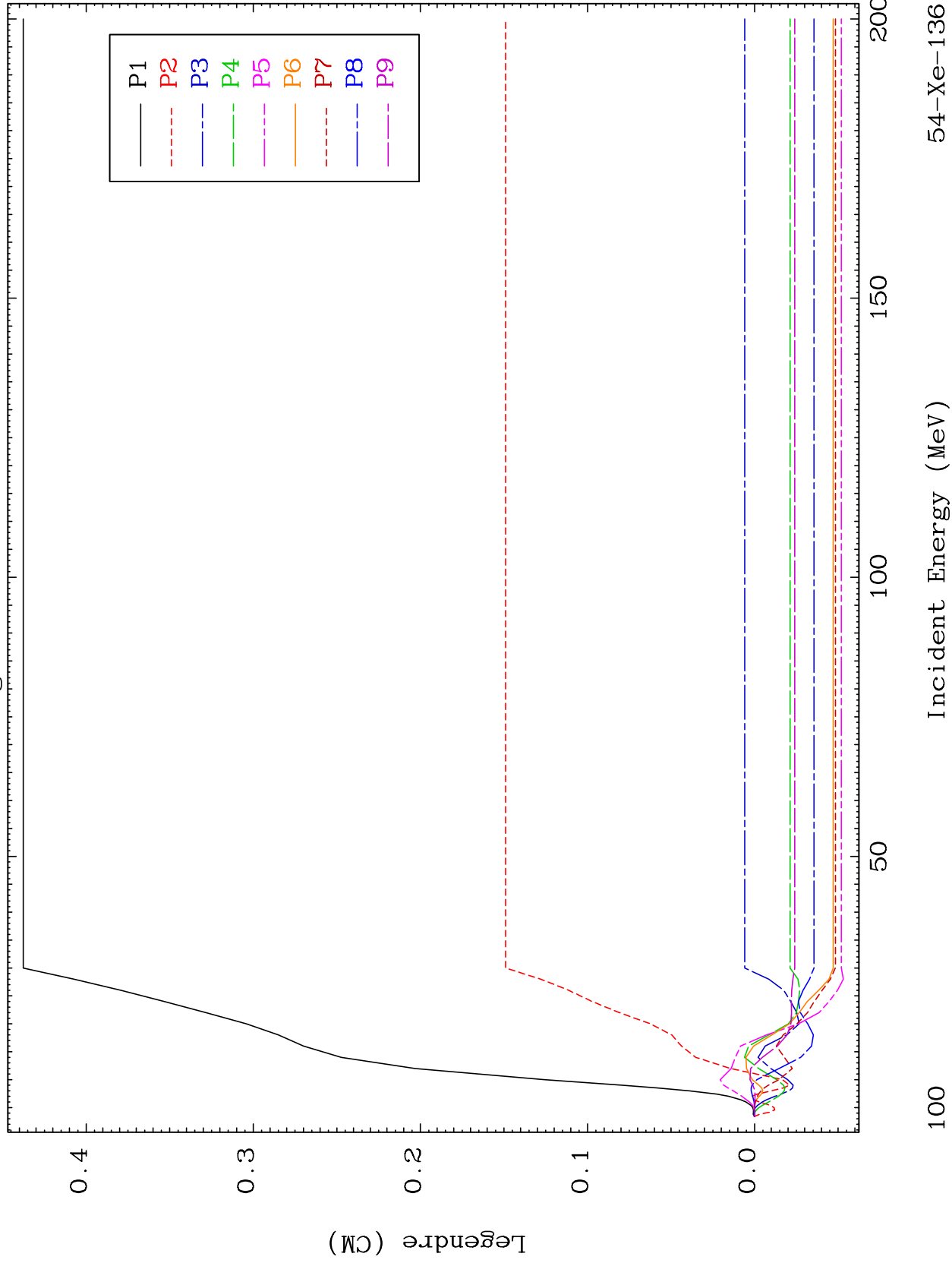




MAT 5461

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

54-Xe-136



54-Xe-136

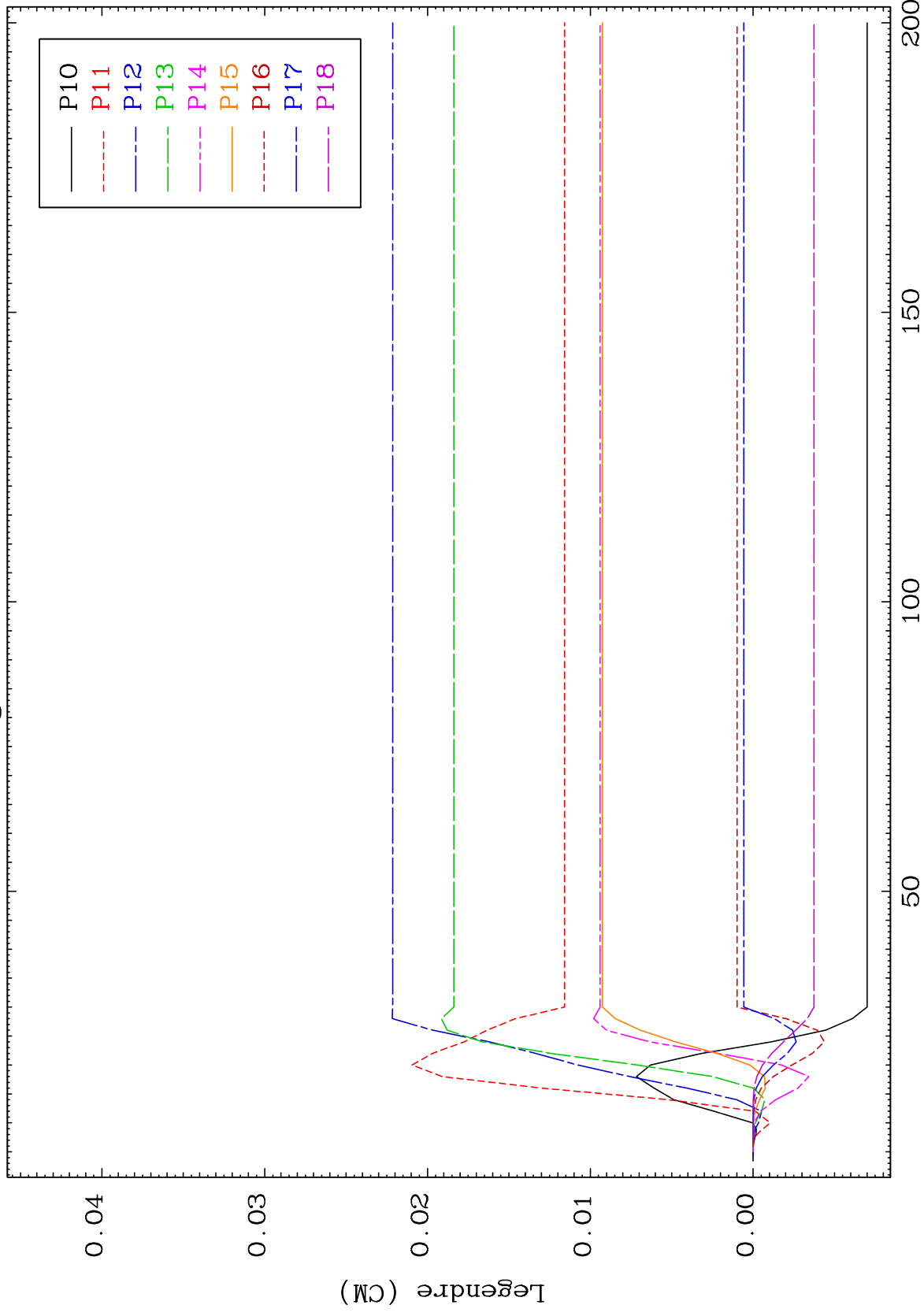
Incident Energy (MeV)

100

MAT 5461

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

54-Xe-136



101

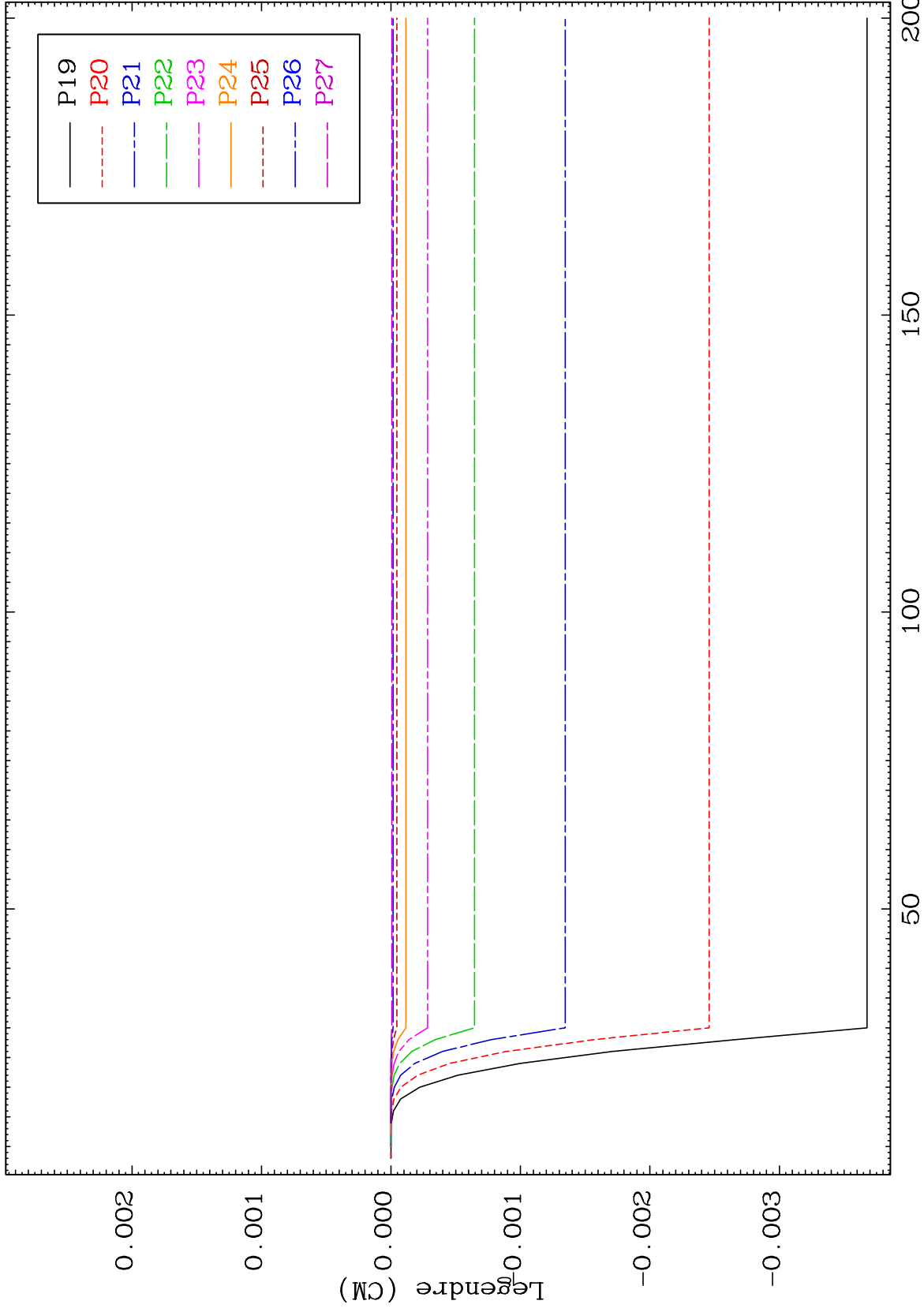
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

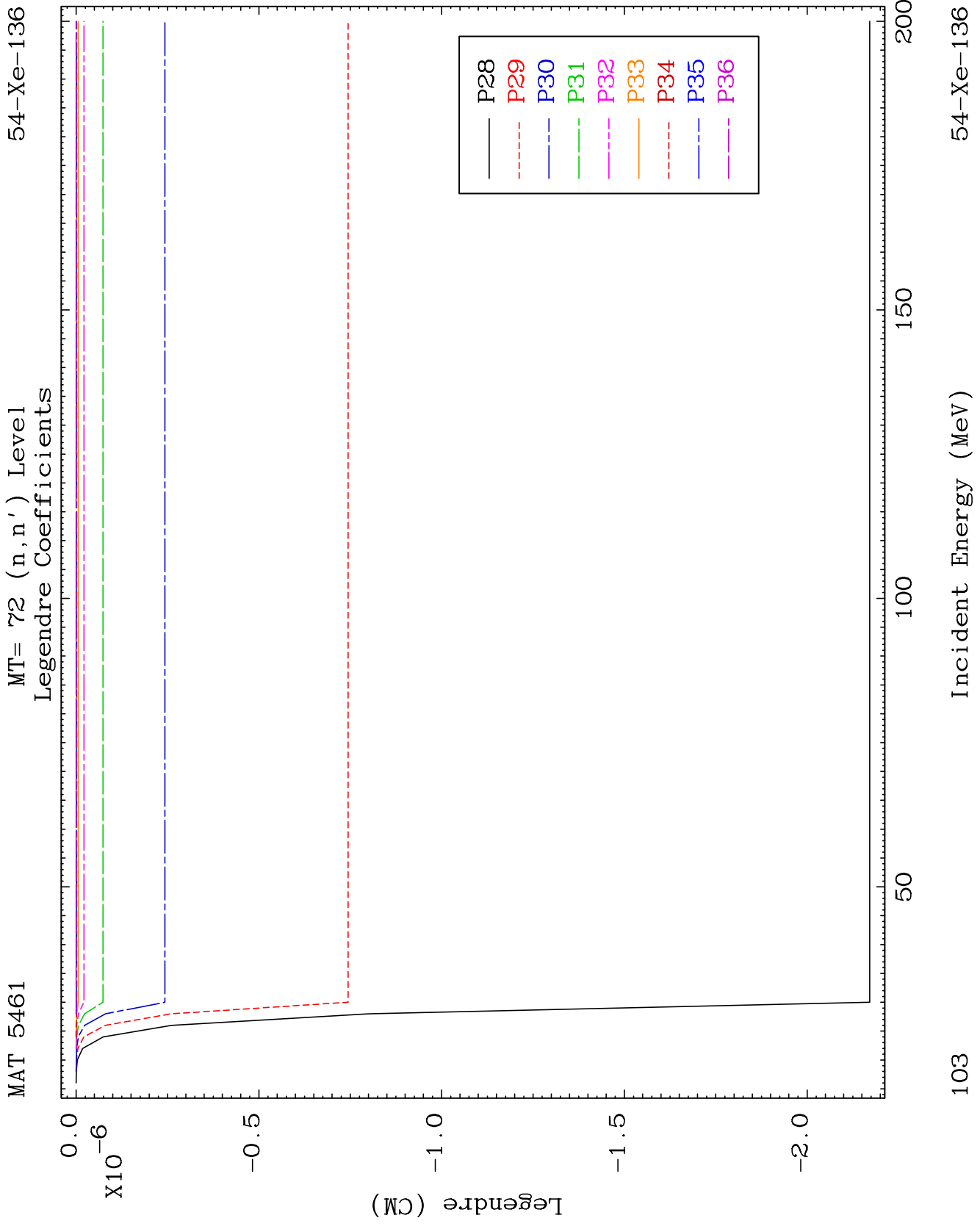
54-Xe-136



102

Incident Energy (MeV)

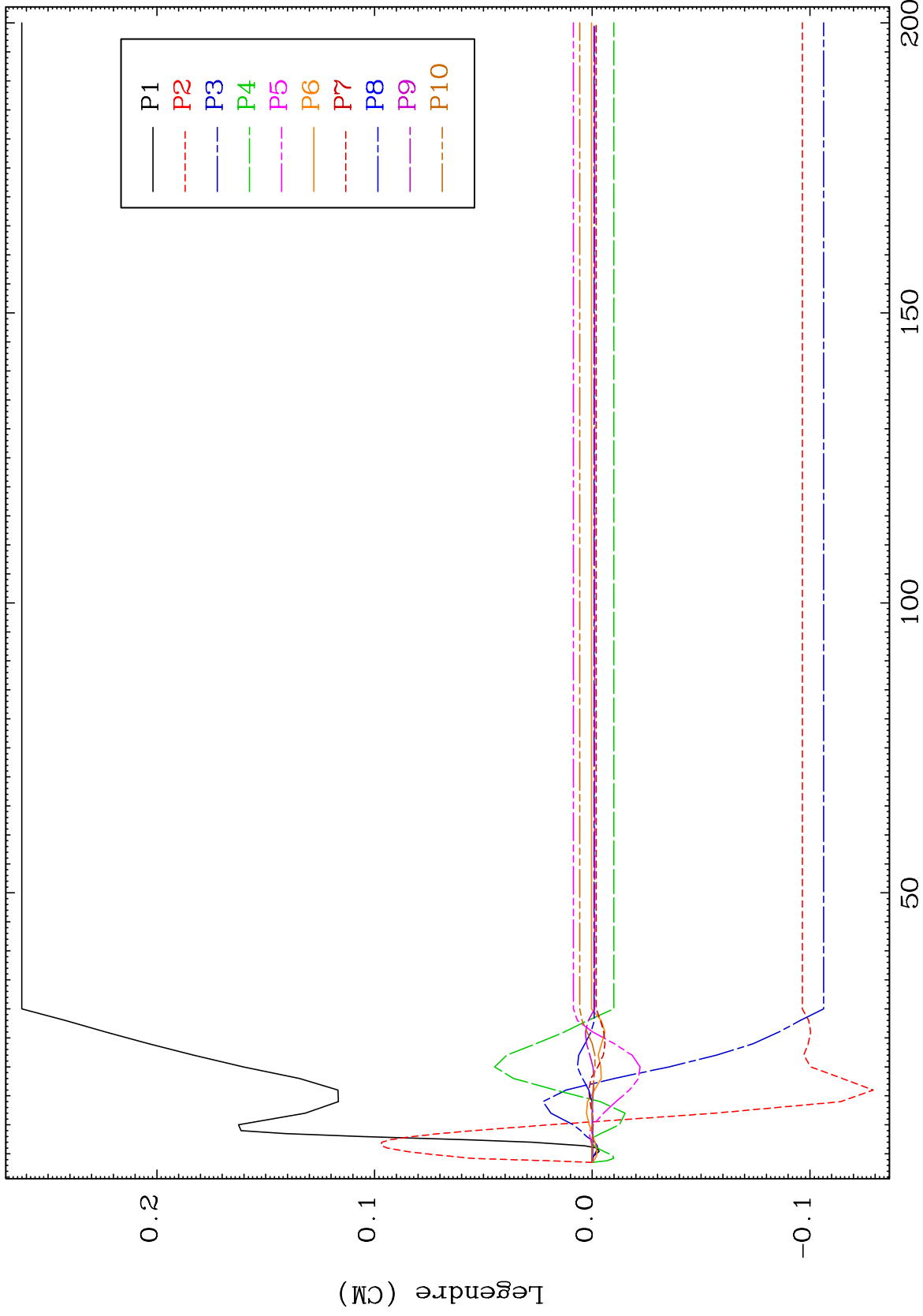
54-Xe-136



MAT 5461

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

54-Xe-136



104

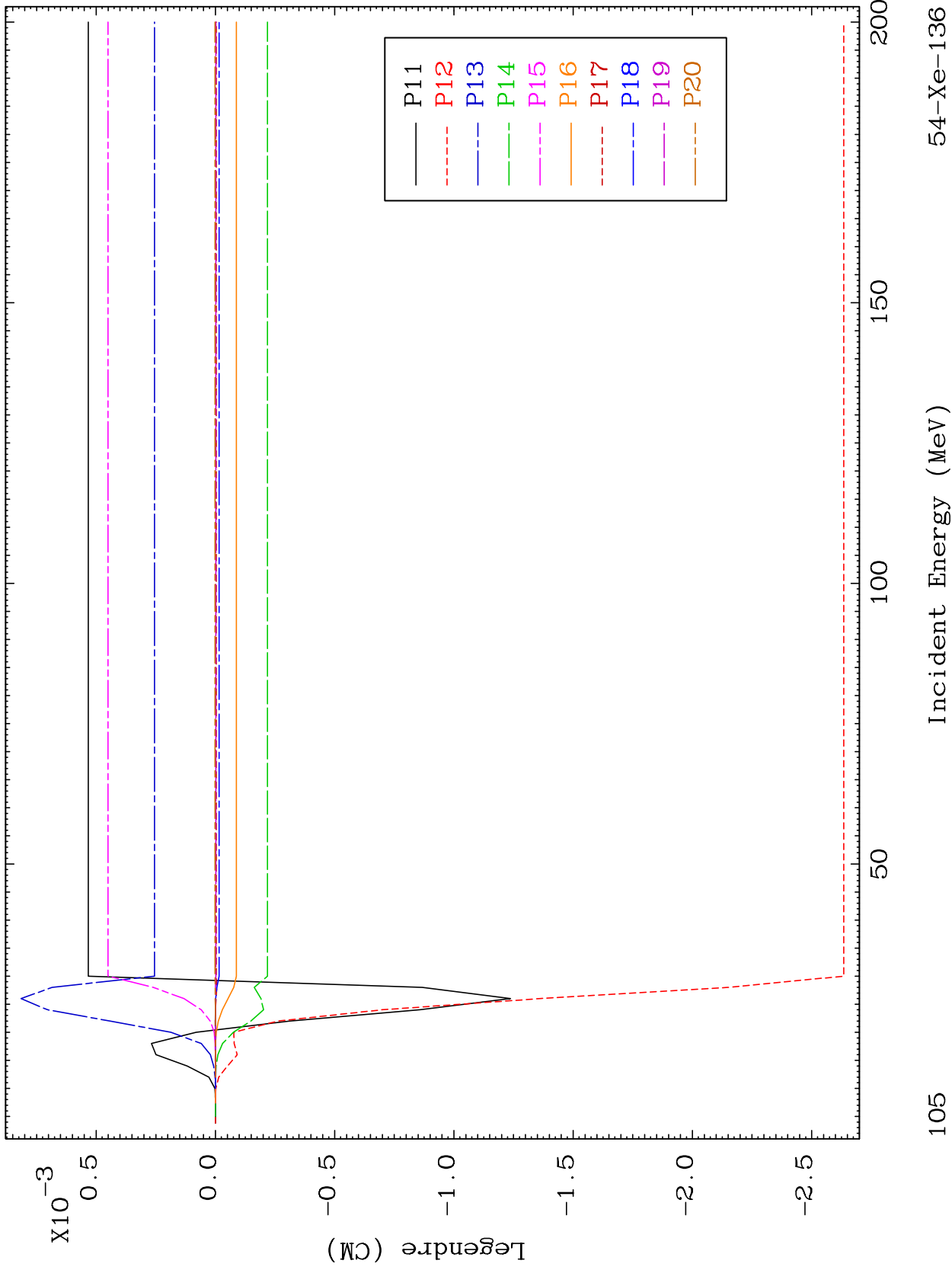
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



105

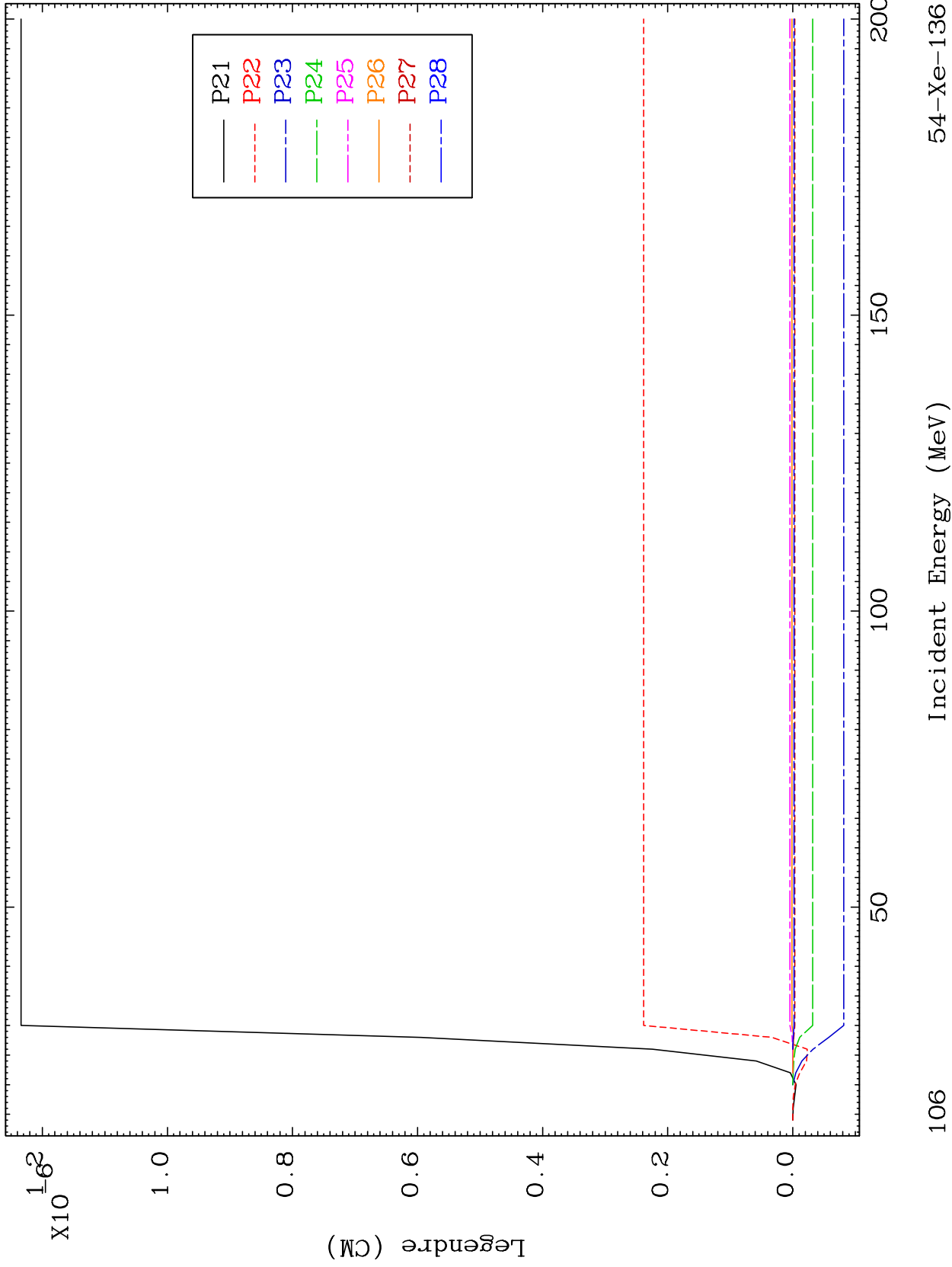
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

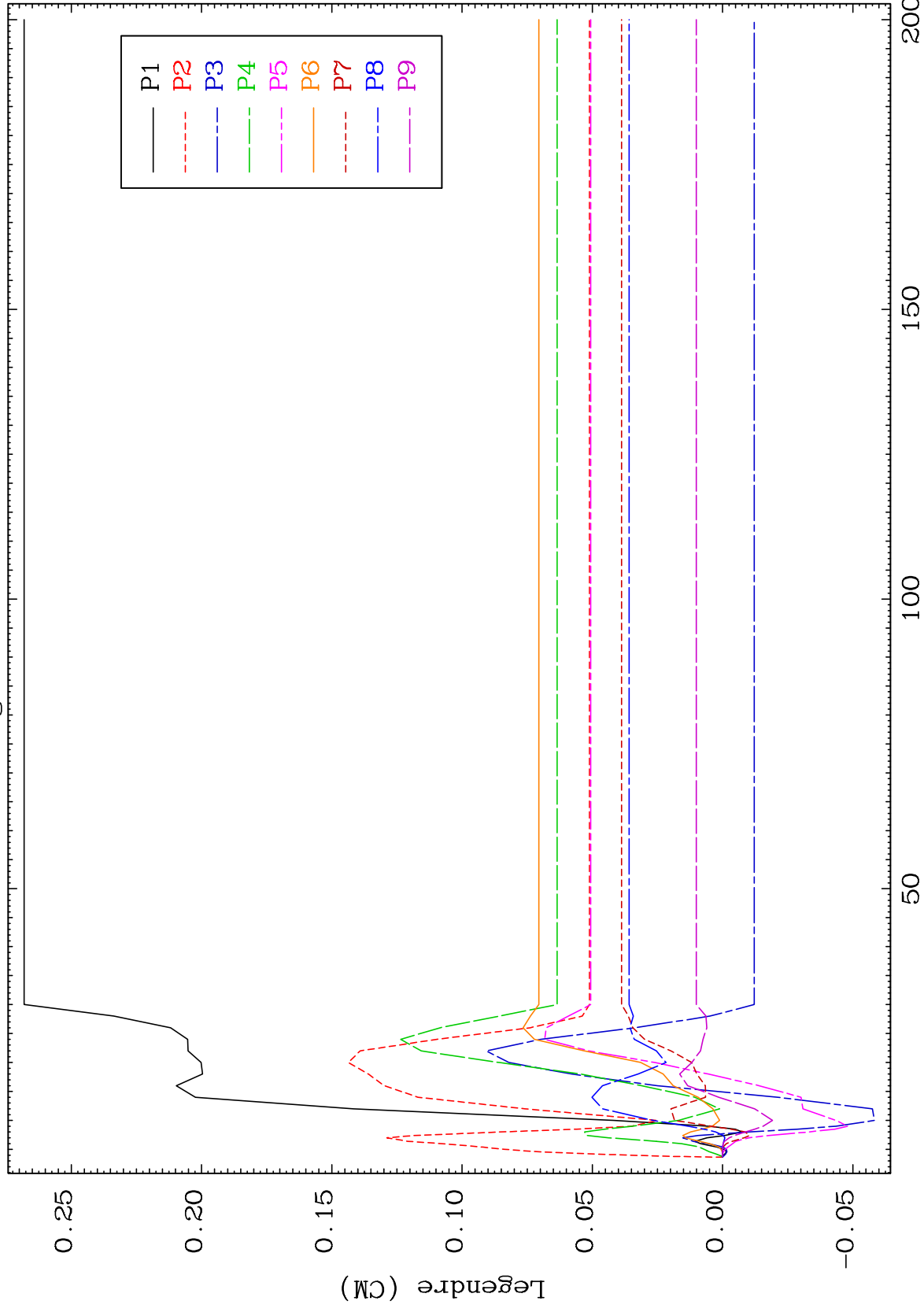
54-Xe-136



MAT 5461

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

54-Xe-136



107

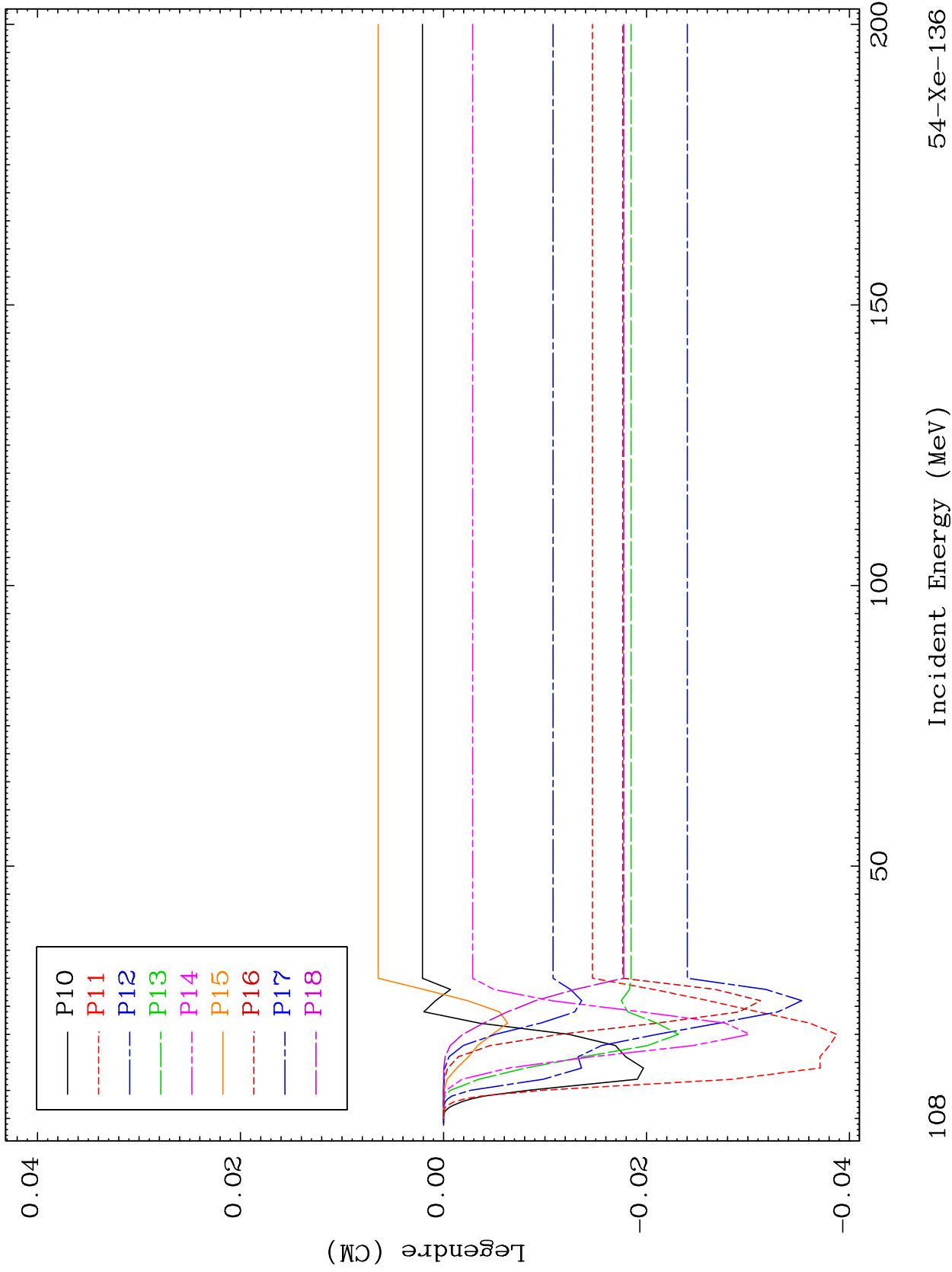
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



108

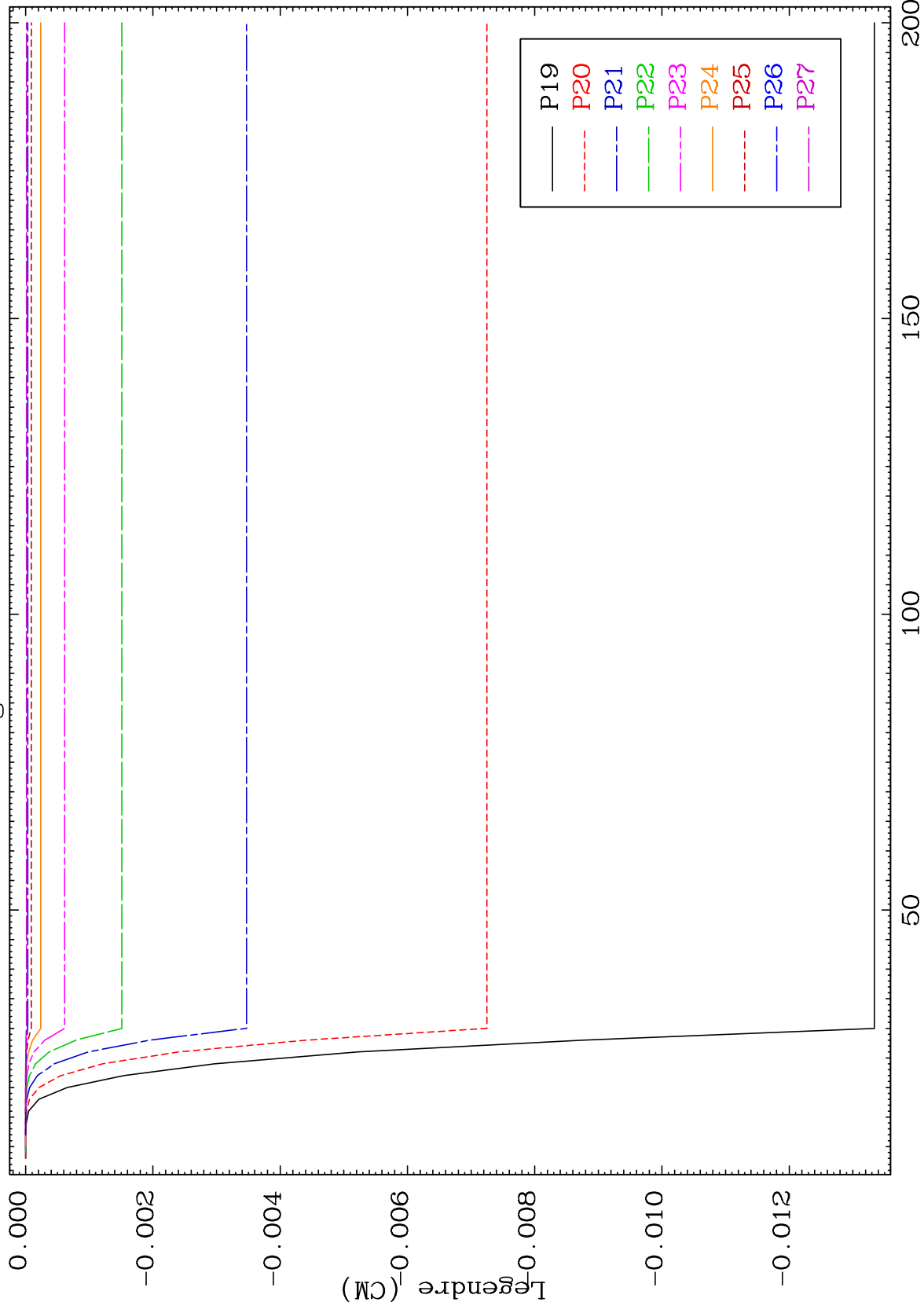
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

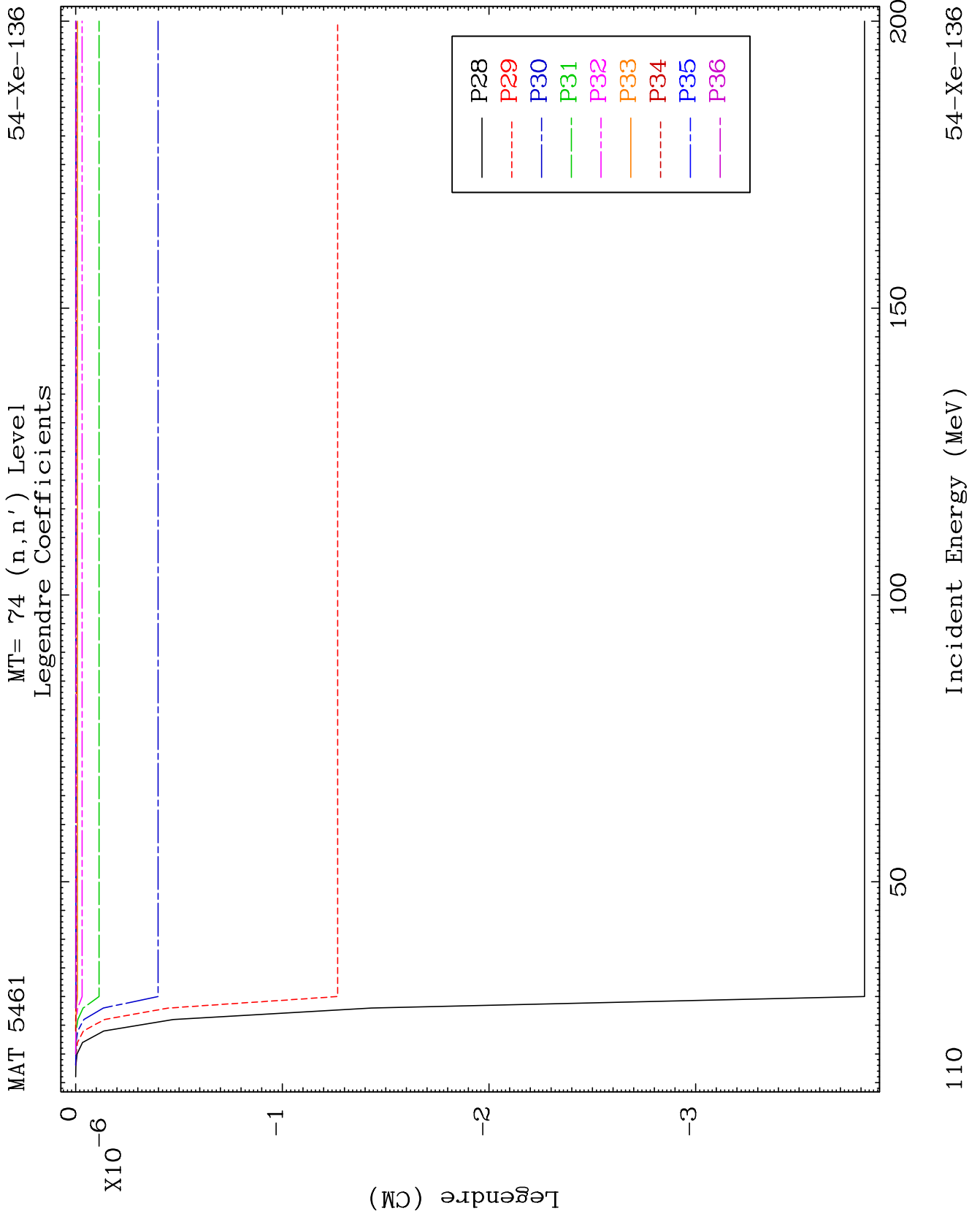
54-Xe-136



109

Incident Energy (MeV)

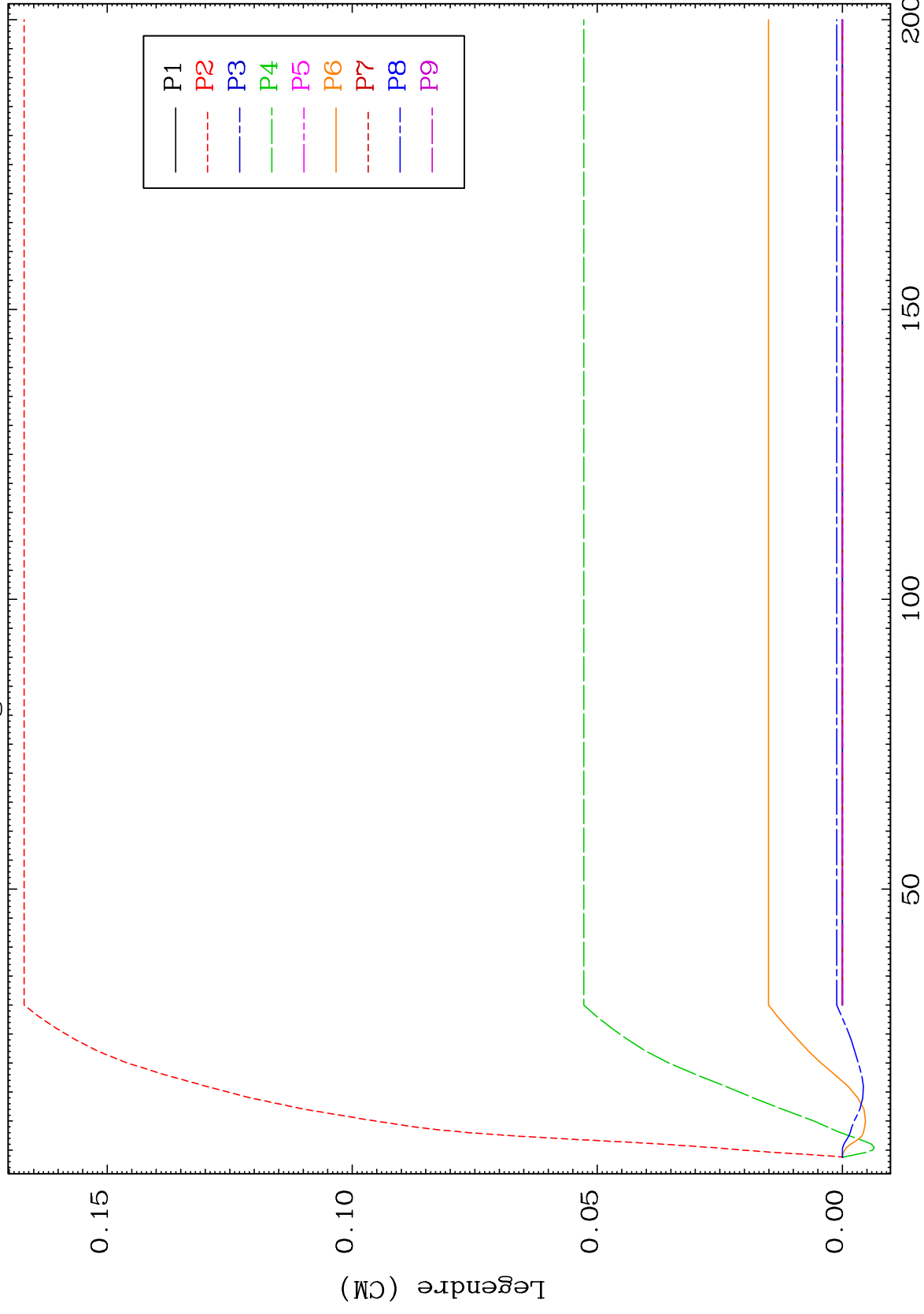
54-Xe-136



MAT 5461

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

54-Xe-136



111

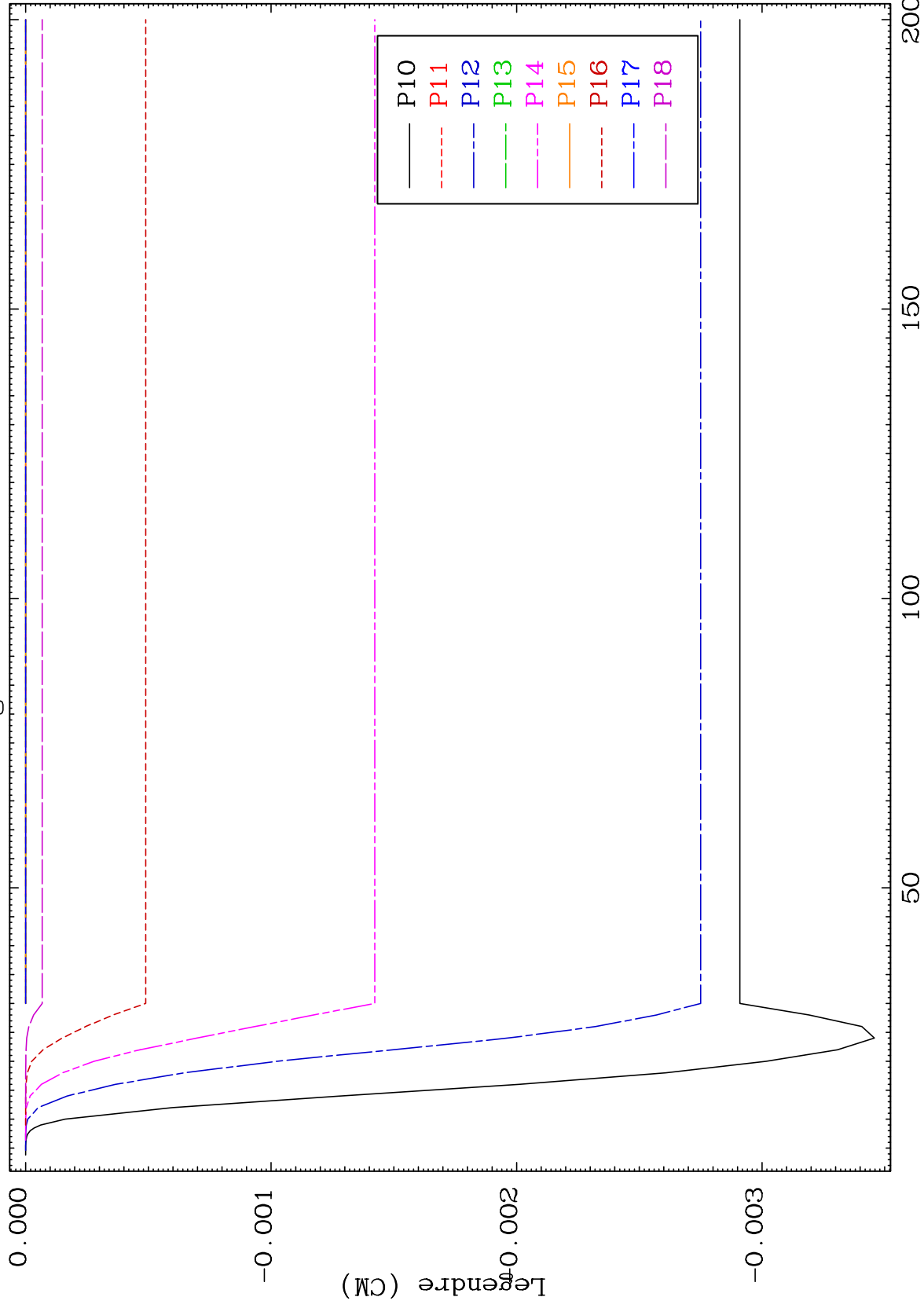
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



112

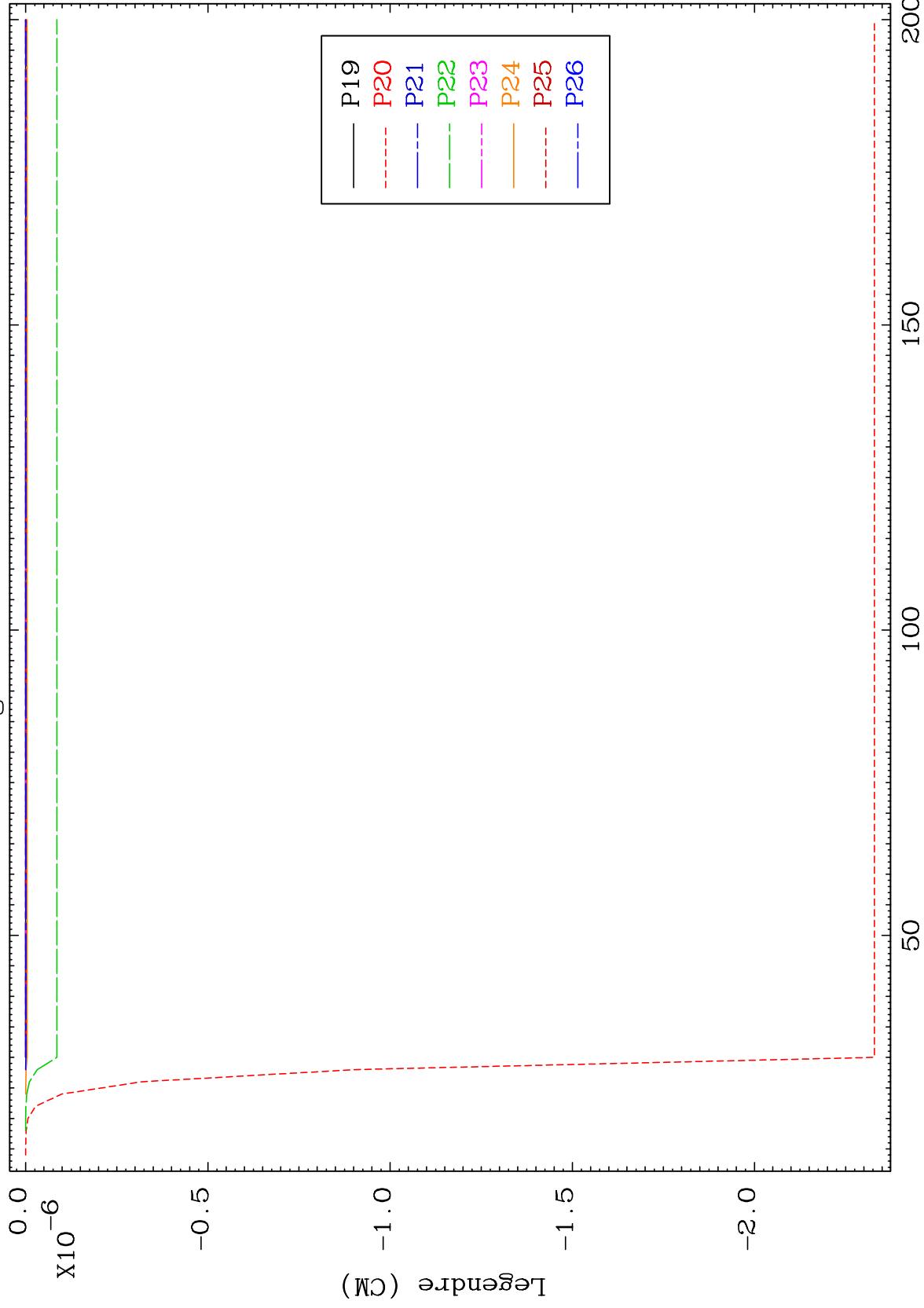
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



113

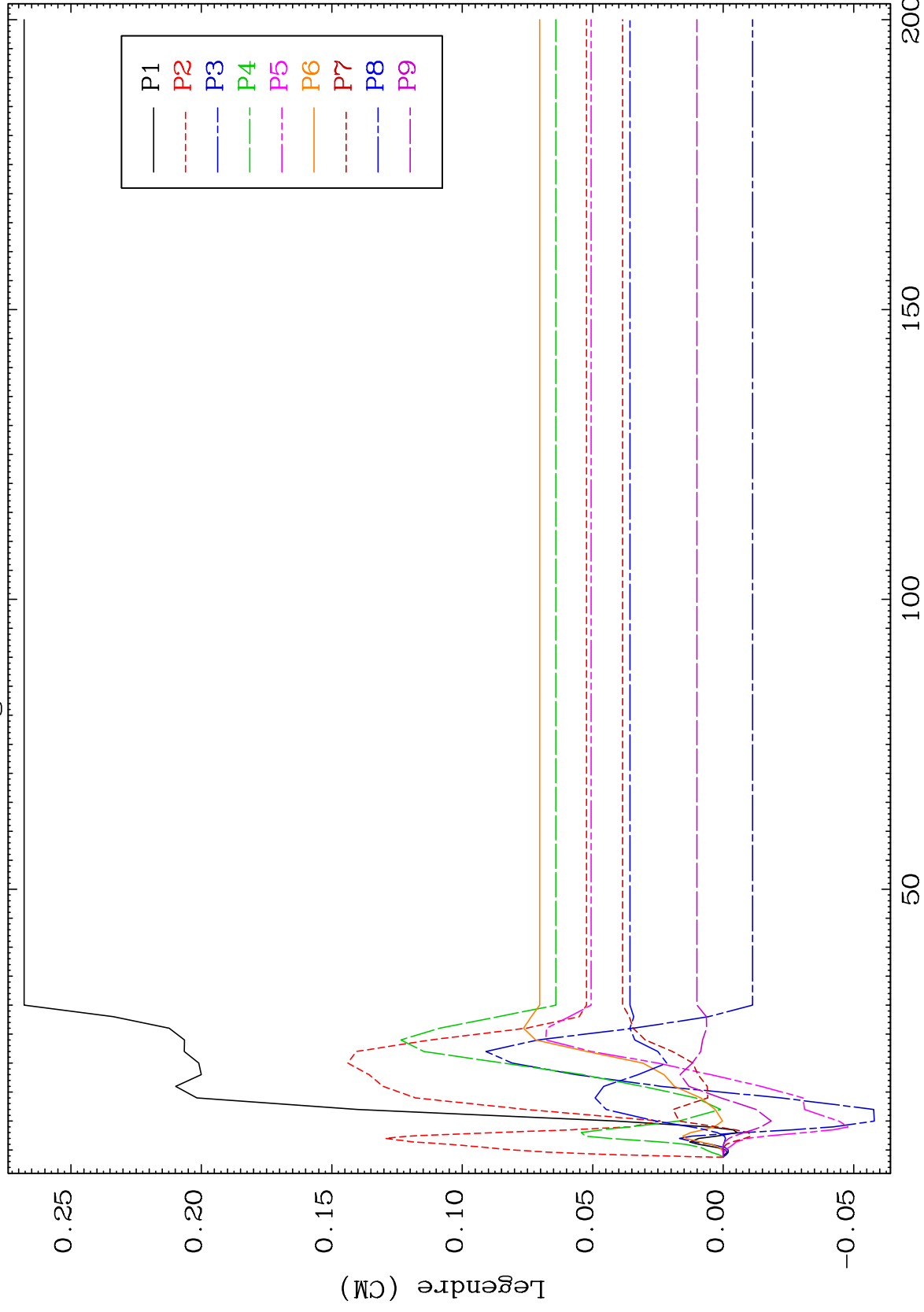
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



114

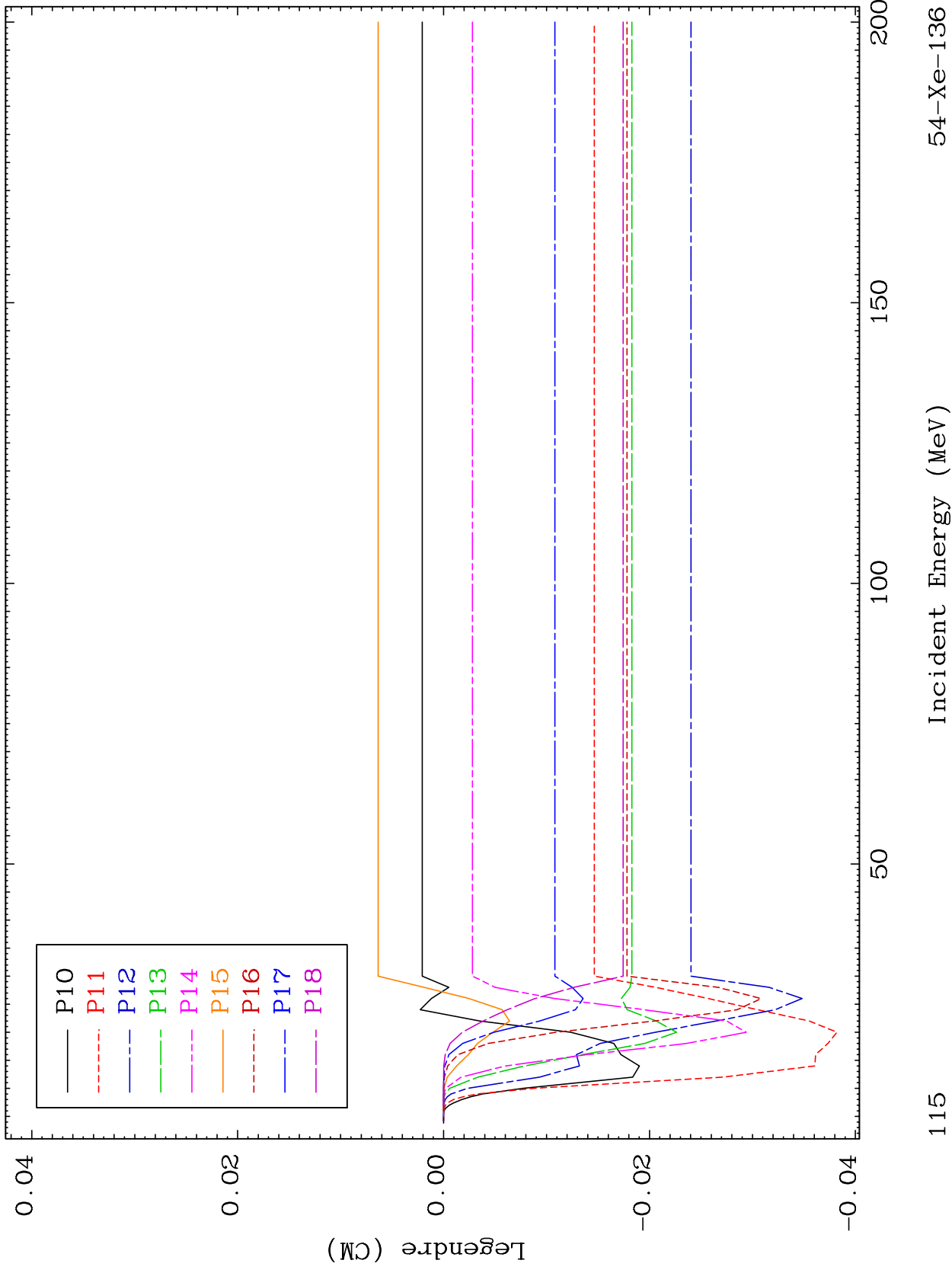
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



54-Xe-136

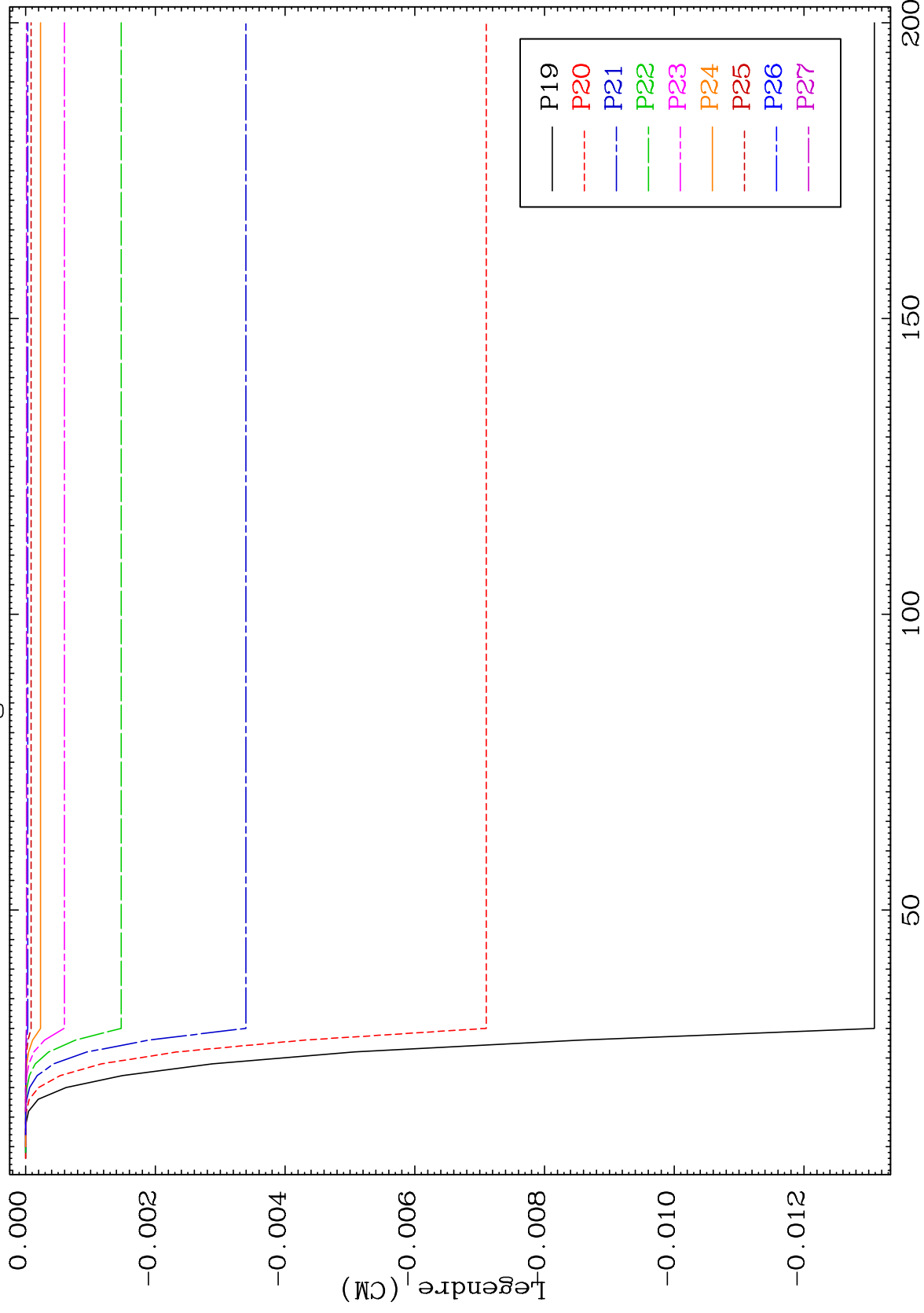
Incident Energy (MeV)

115

MAT 5461

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

54-Xe-136



116

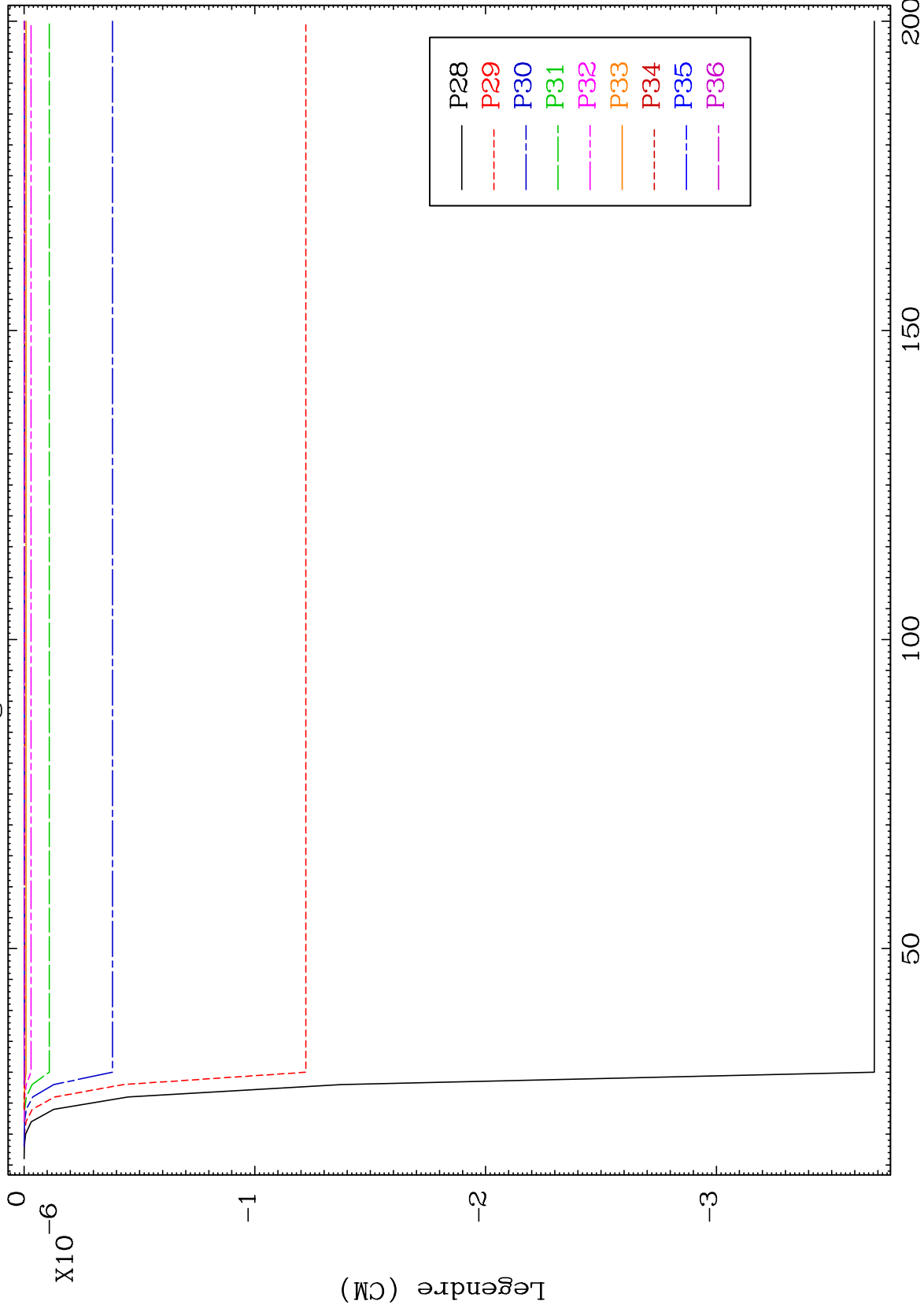
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



117

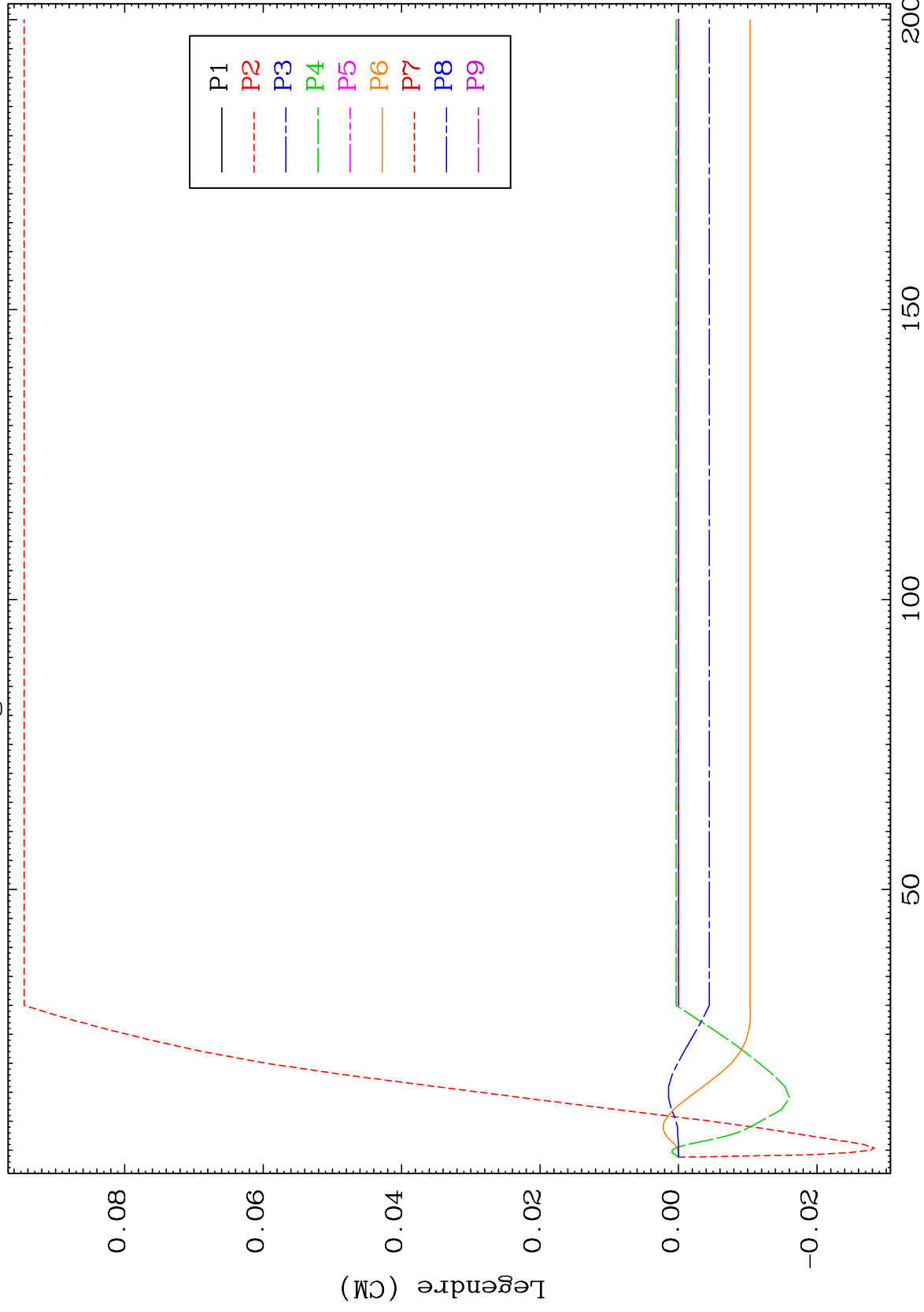
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



118

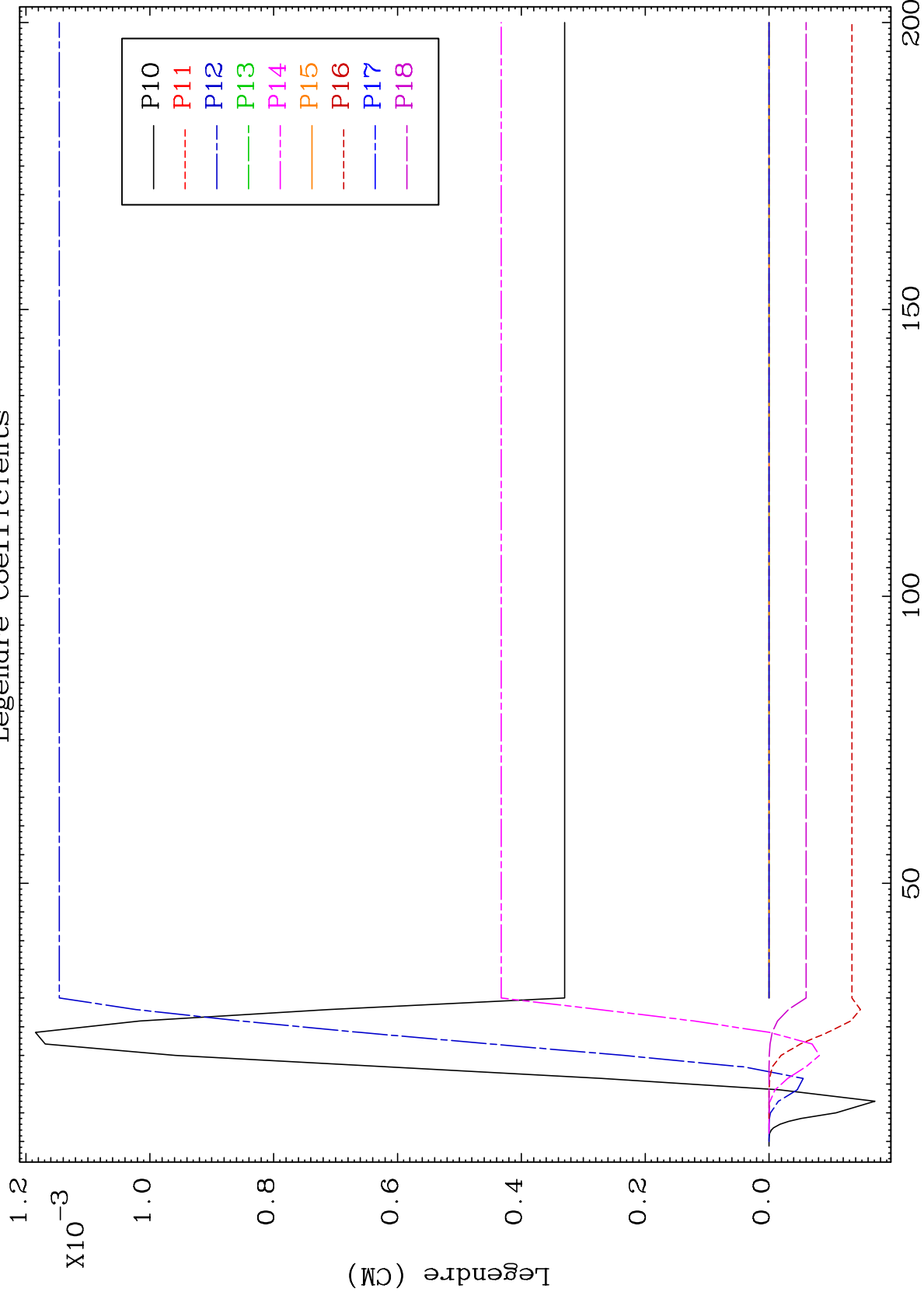
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



119

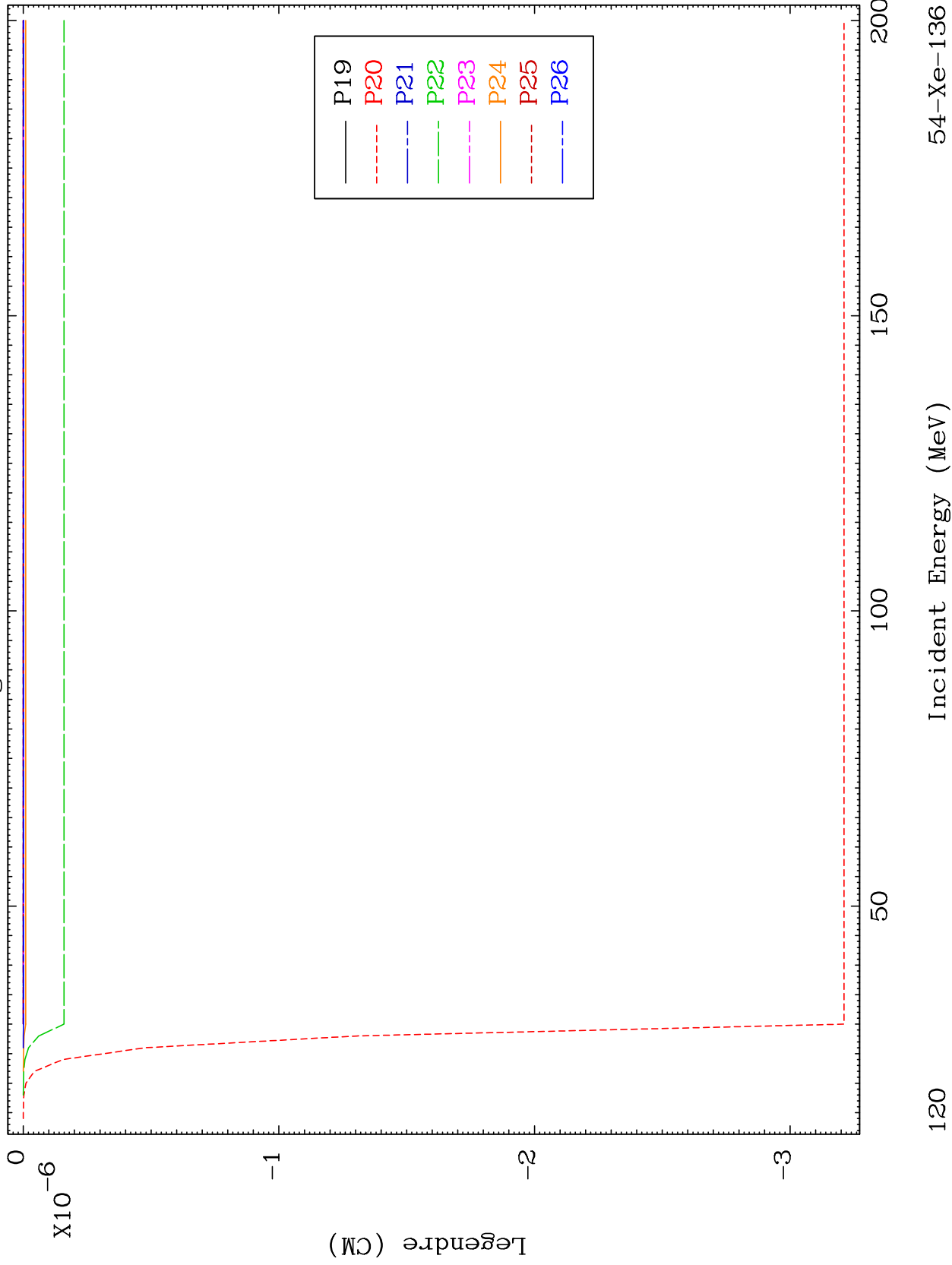
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

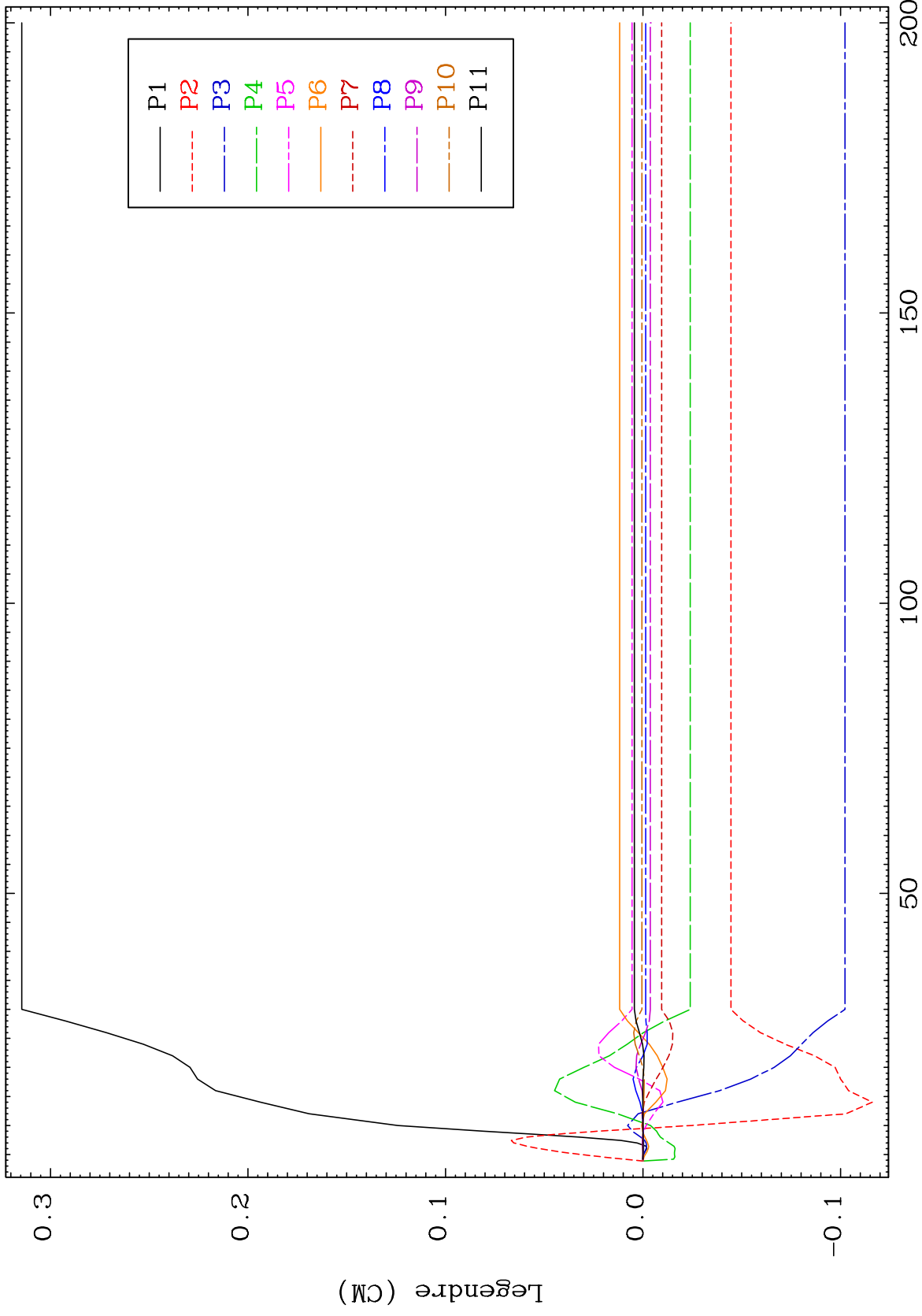
54-Xe-136



MAT 5461

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

54-Xe-136



121

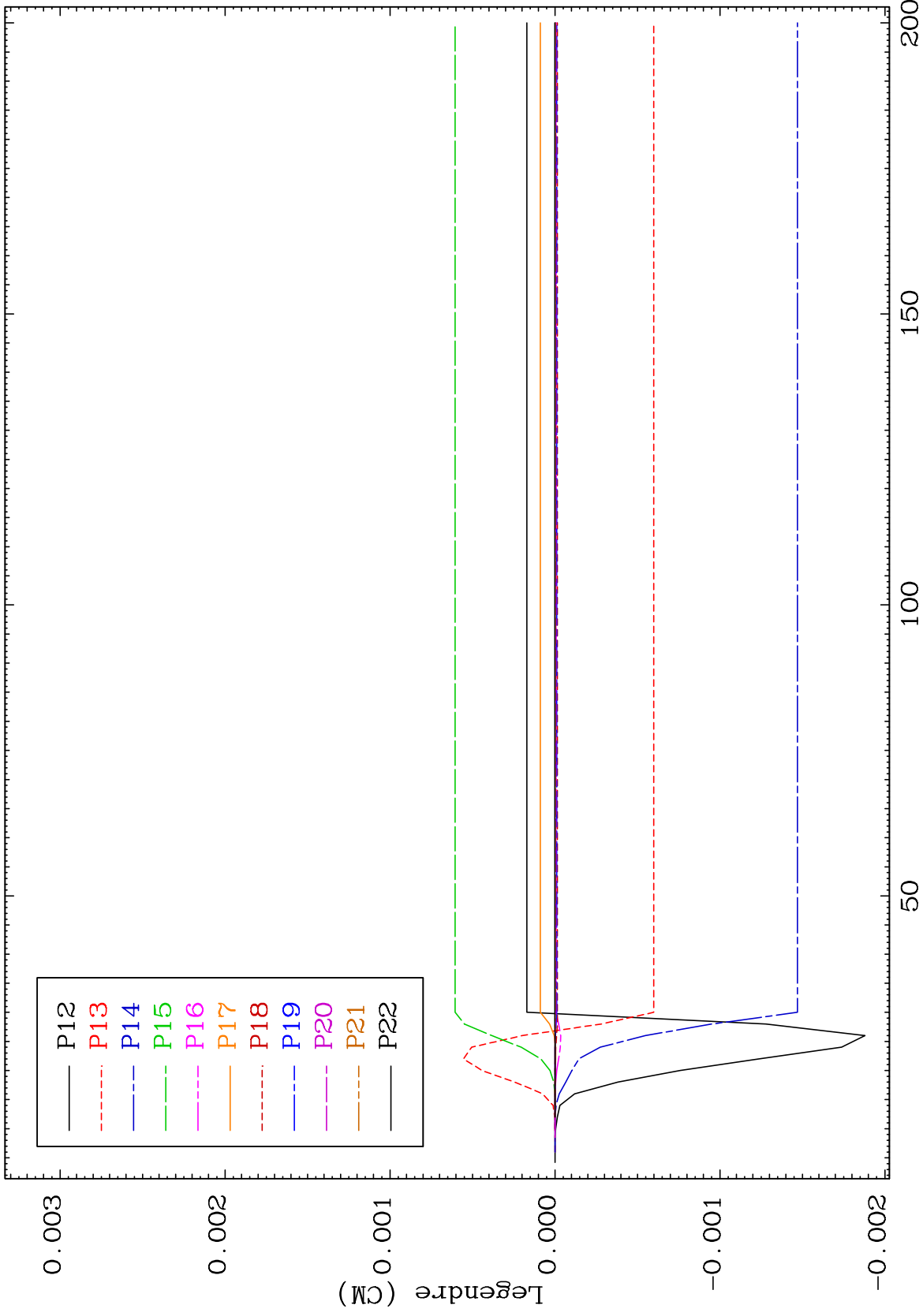
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

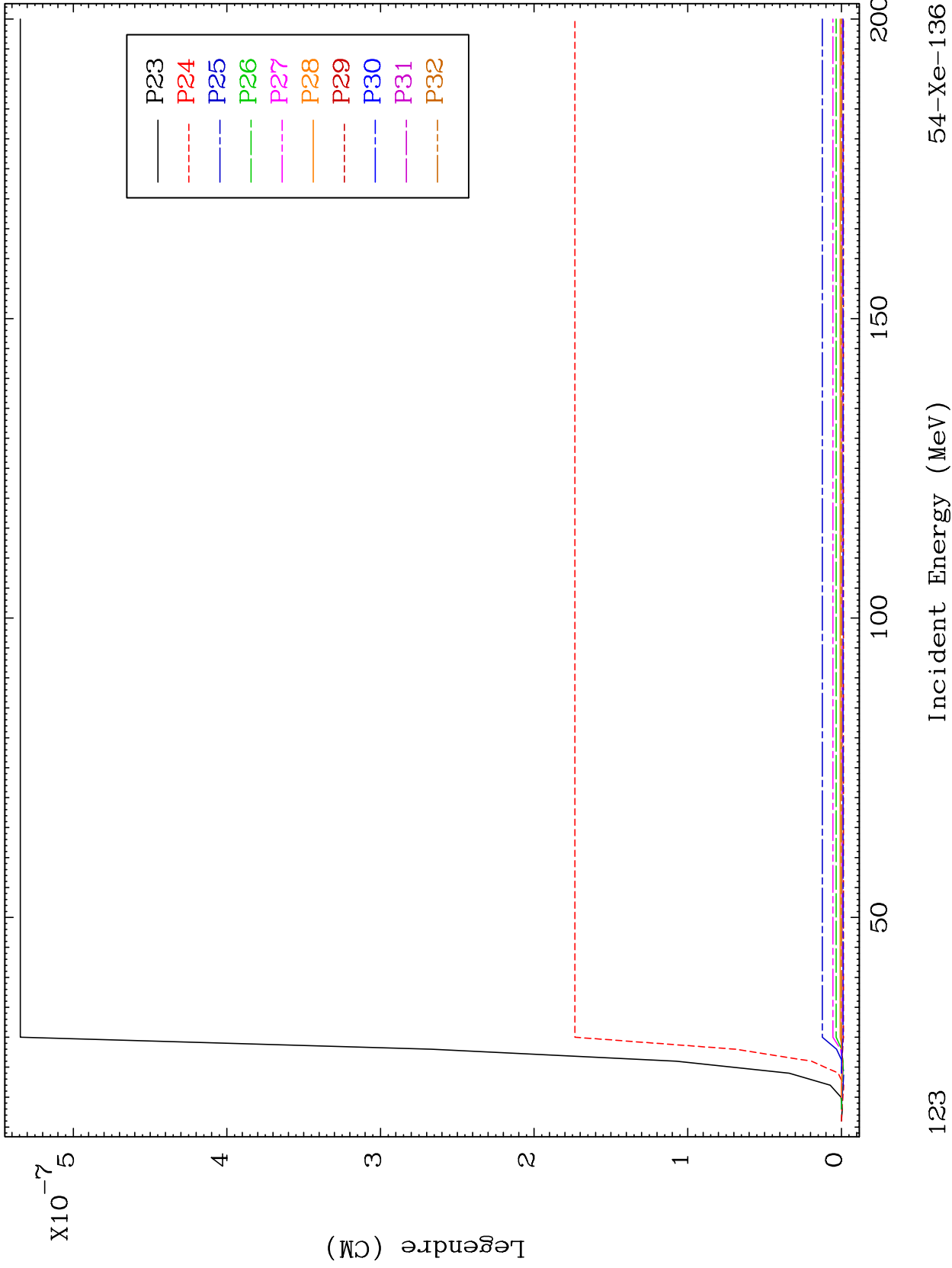
54-Xe-136



MAT 5461

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

54-Xe-136

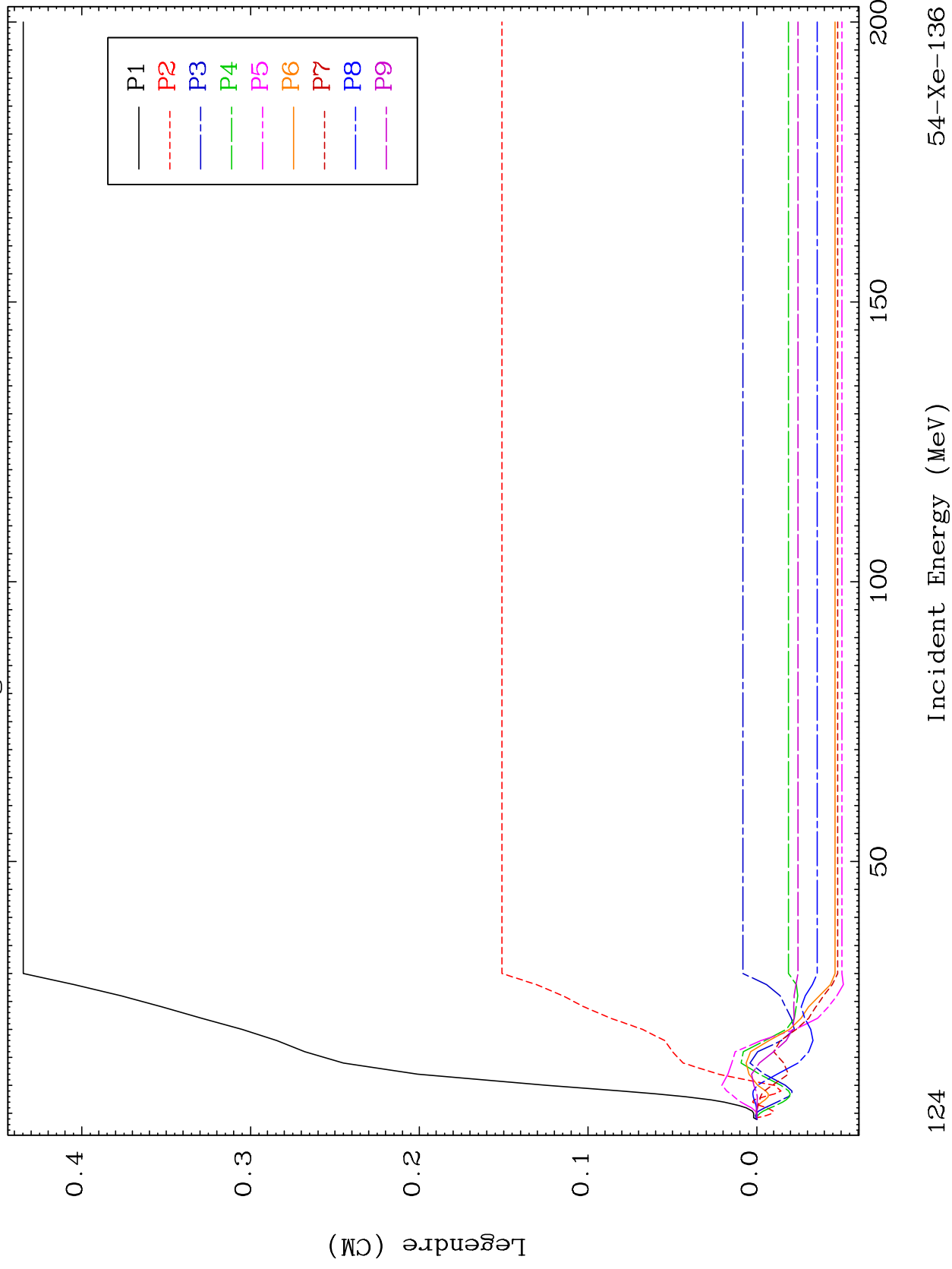


123

MAT 5461

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

54-Xe-136



124

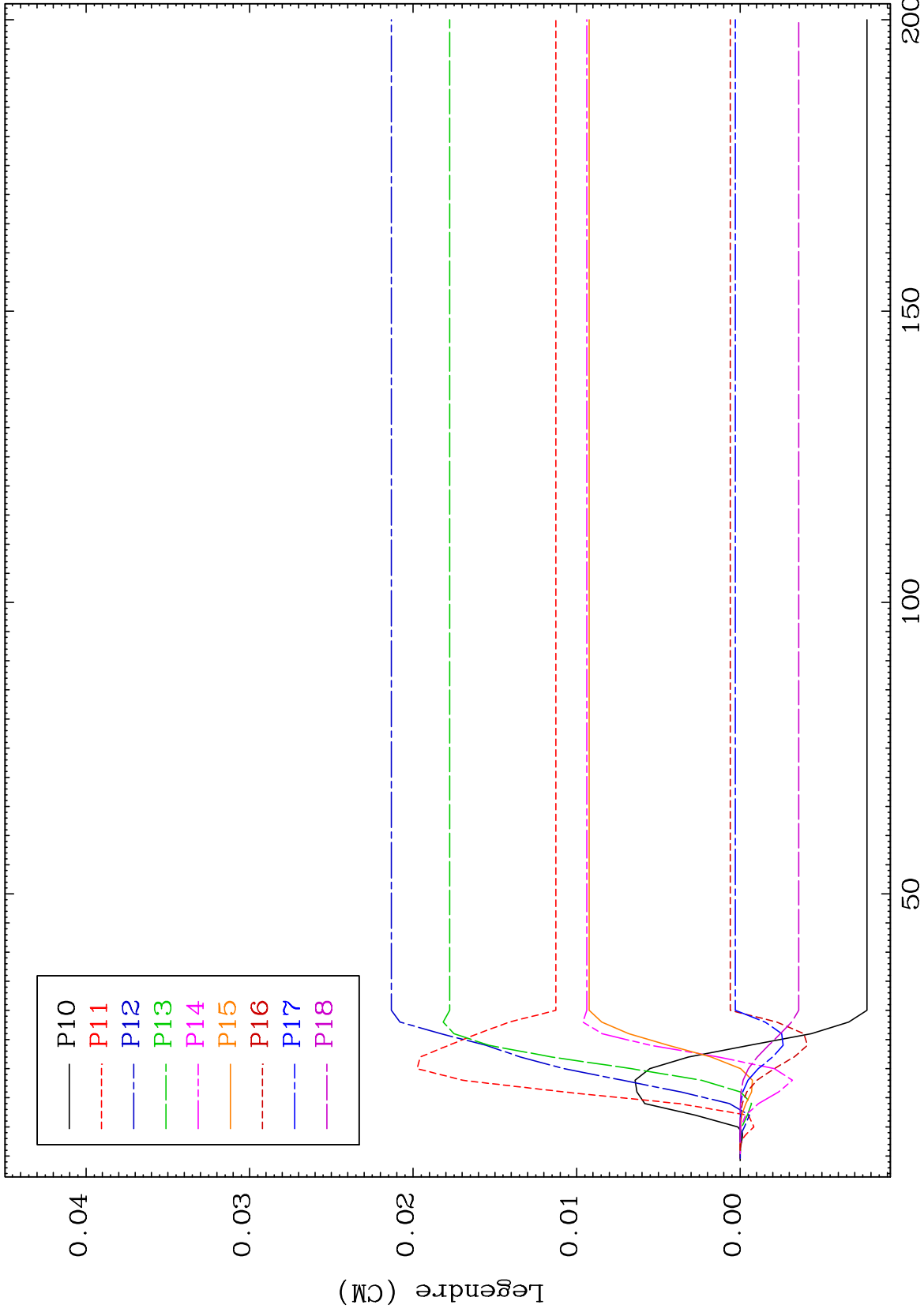
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



125

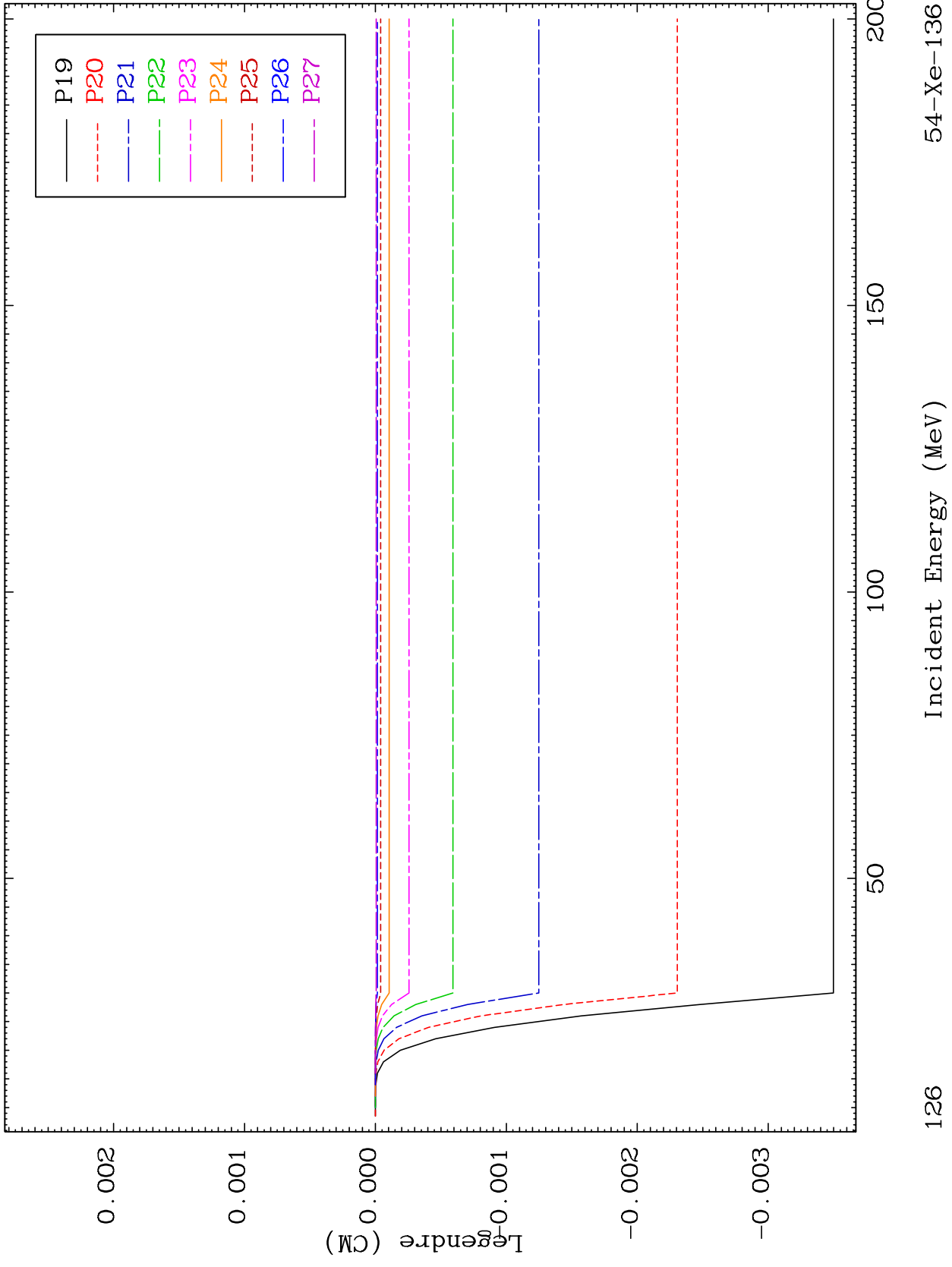
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



126

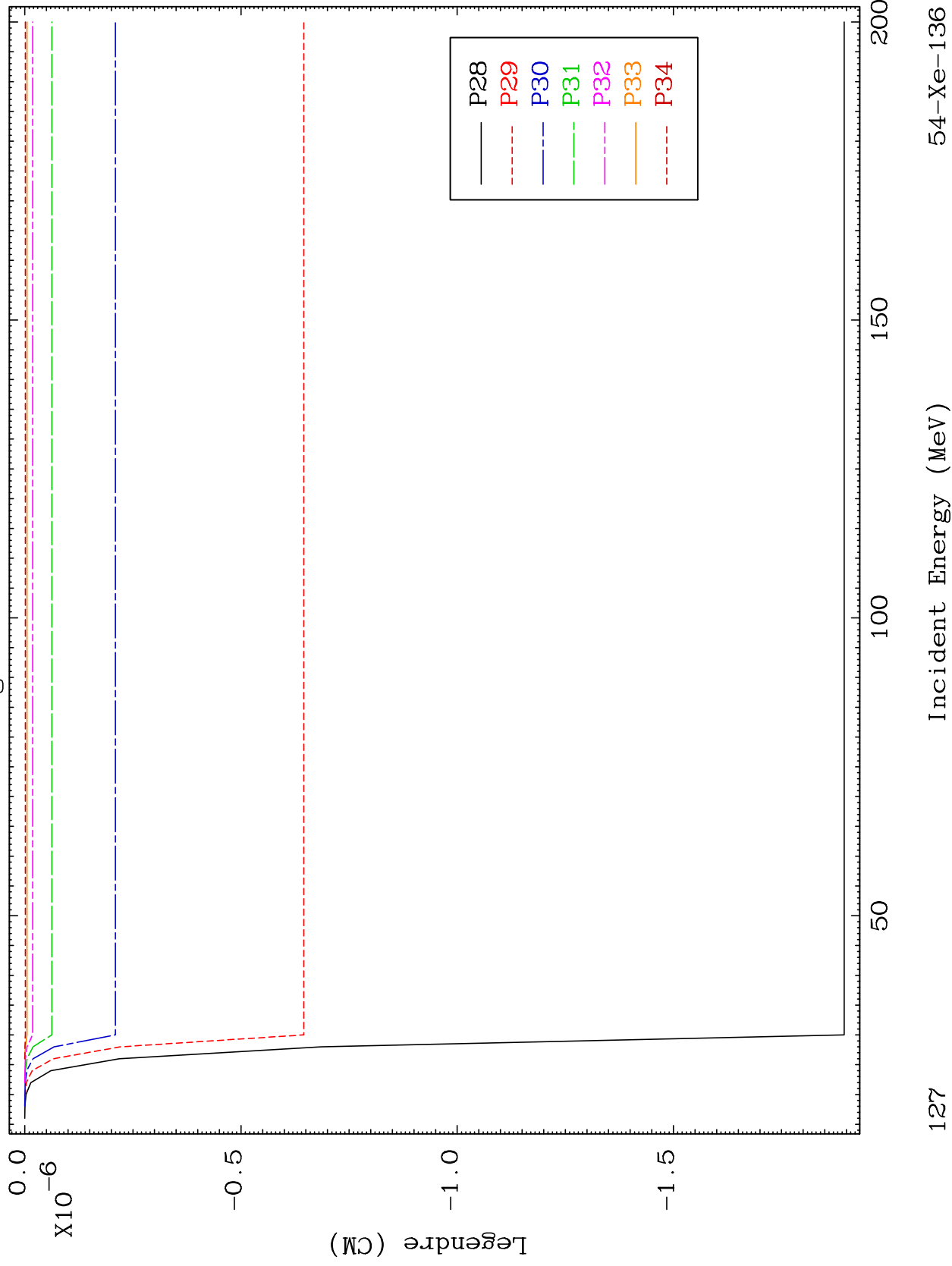
Incident Energy (MeV)

54-Xe-136

MAT 5461

54-Xe-136

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



127

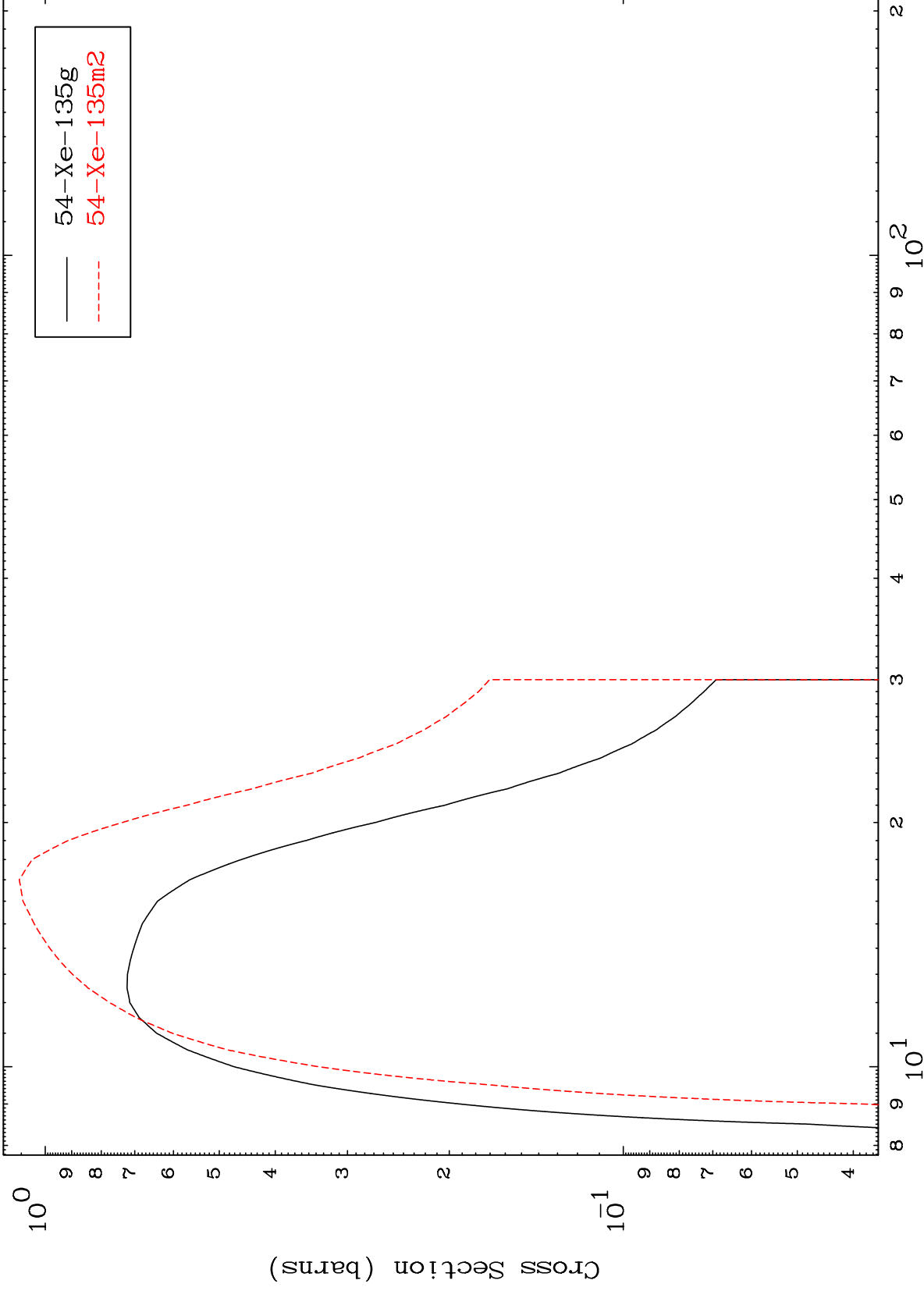
Incident Energy (MeV)

54-Xe-136

MAT 5461

54-Xe-136

(n,2n)
Radionuclide Production Cross Section

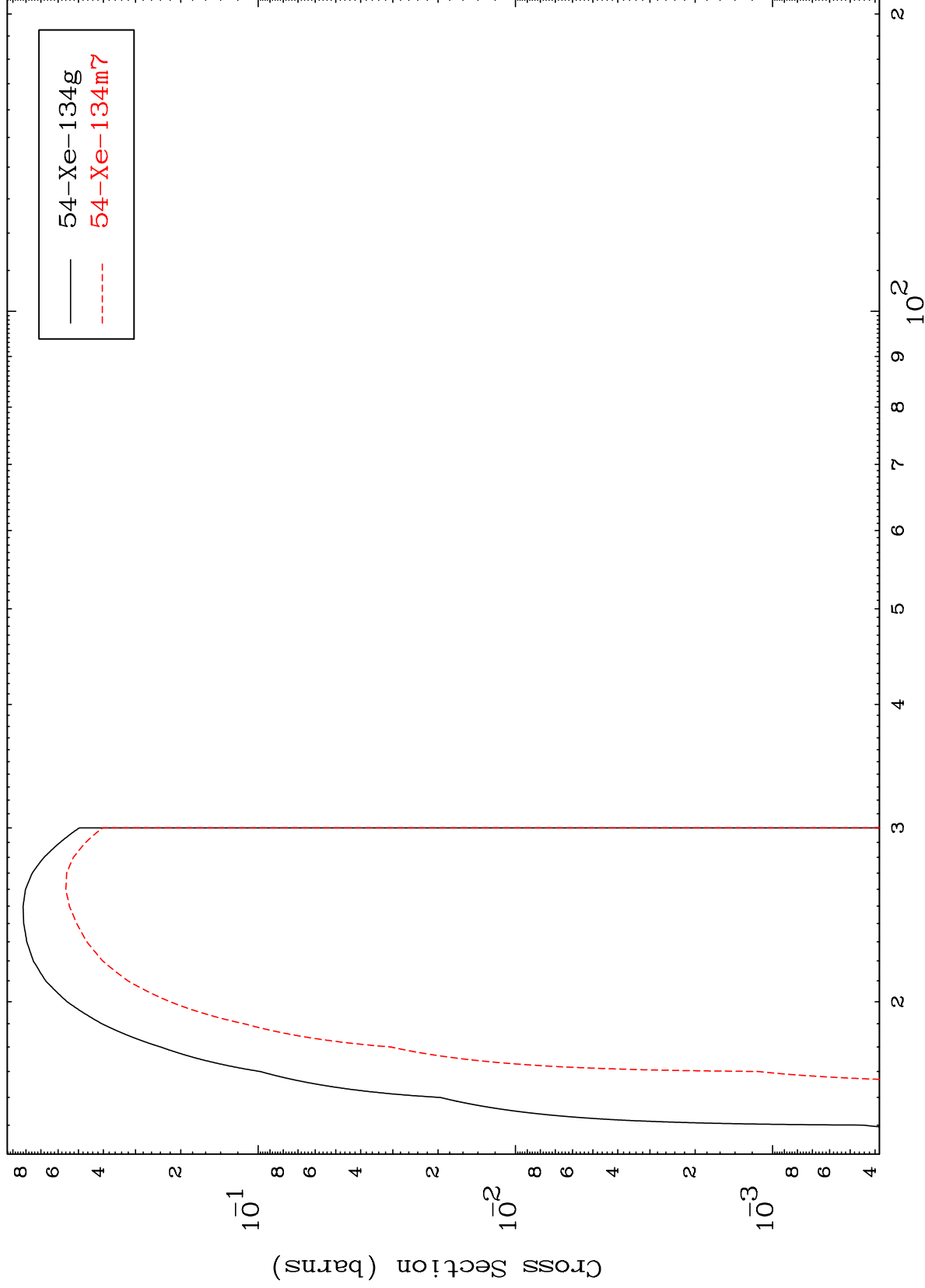


128

Incident Energy (MeV)

54-Xe-136

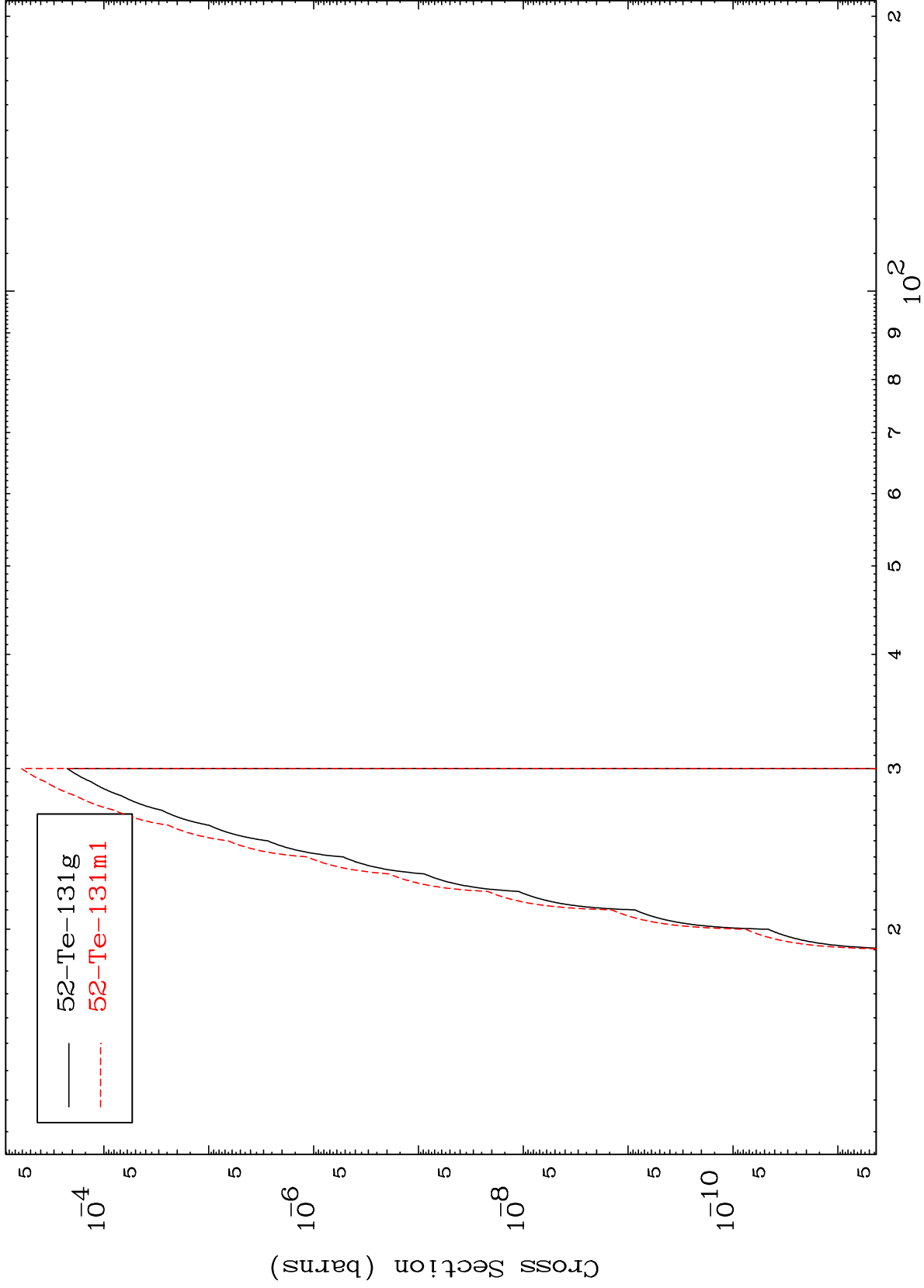
Radionuclide Production Cross Section



MAT 5461

54-Xe-136

(n,2n) α
Radionuclide Production Cross Section



54-Xe-136

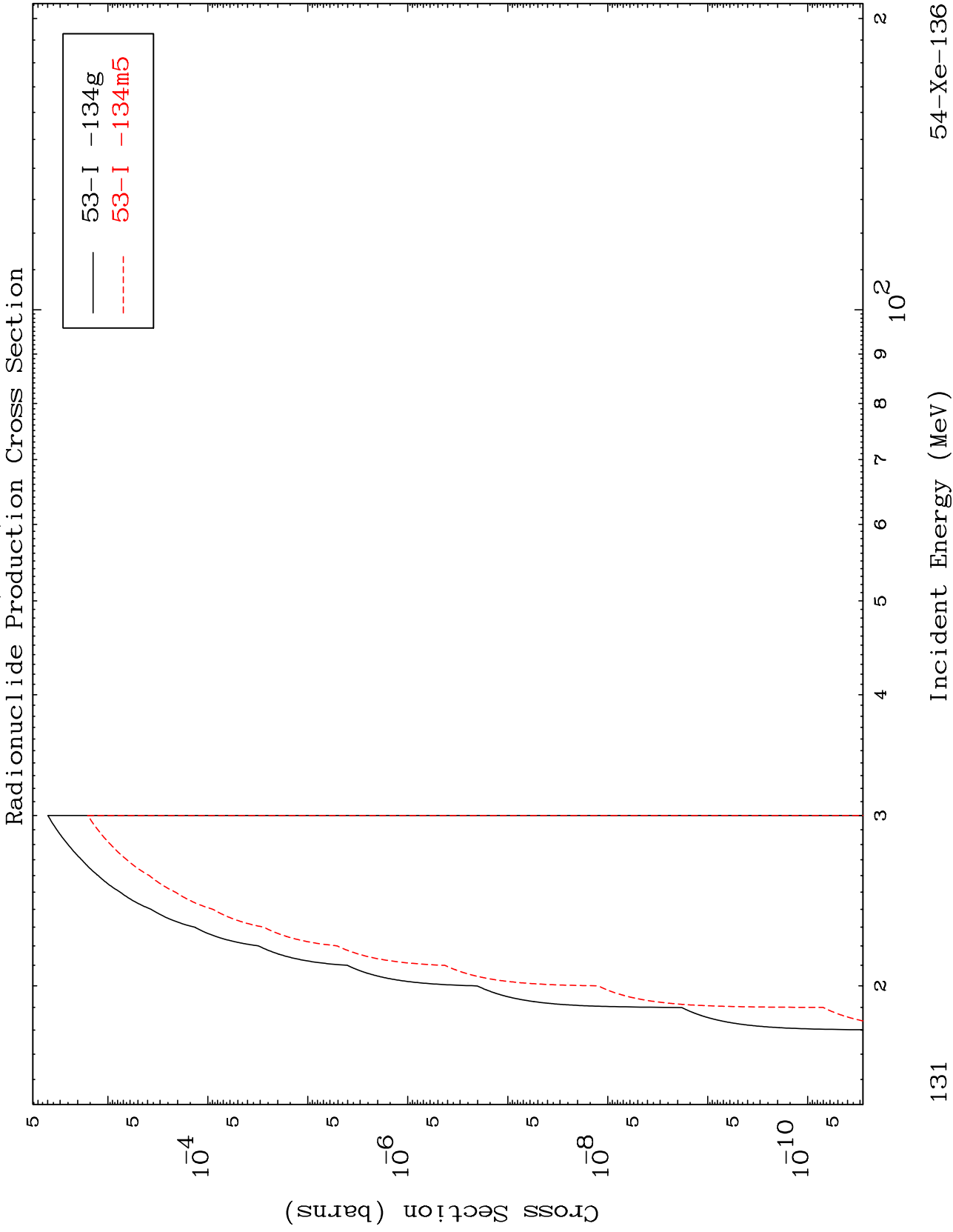
Incident Energy (MeV)

130

MAT 5461

(n,n') d

54-Xe-136



131

Incident Energy (MeV)

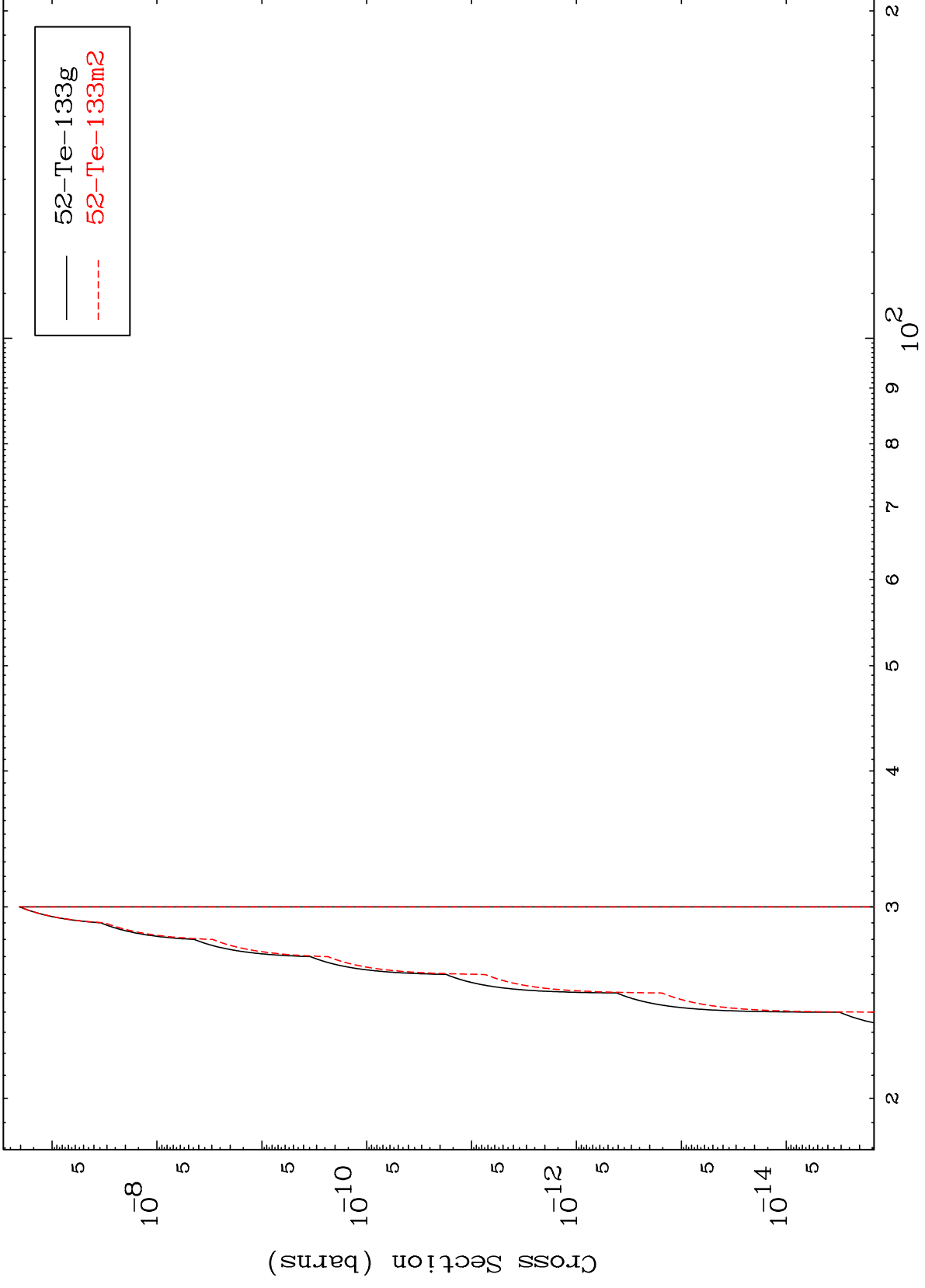
54-Xe-136

MAT 5461

(n,n') He-3

54-Xe-136

Radionuclide Production Cross Section



132

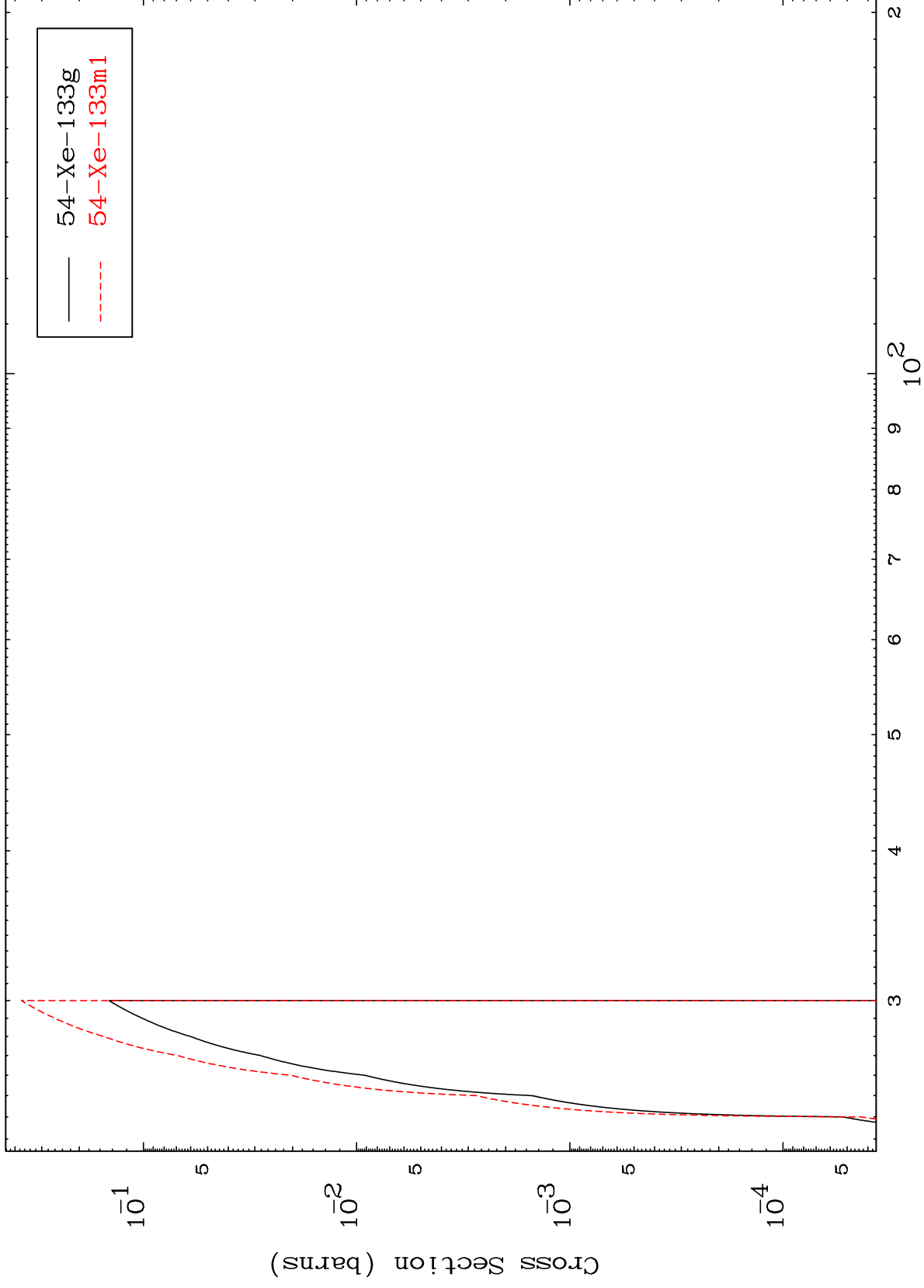
Incident Energy (MeV)

54-Xe-136

MAT 5461

54-Xe-136

(n,4n)
Radionuclide Production Cross Section



133

Incident Energy (MeV)

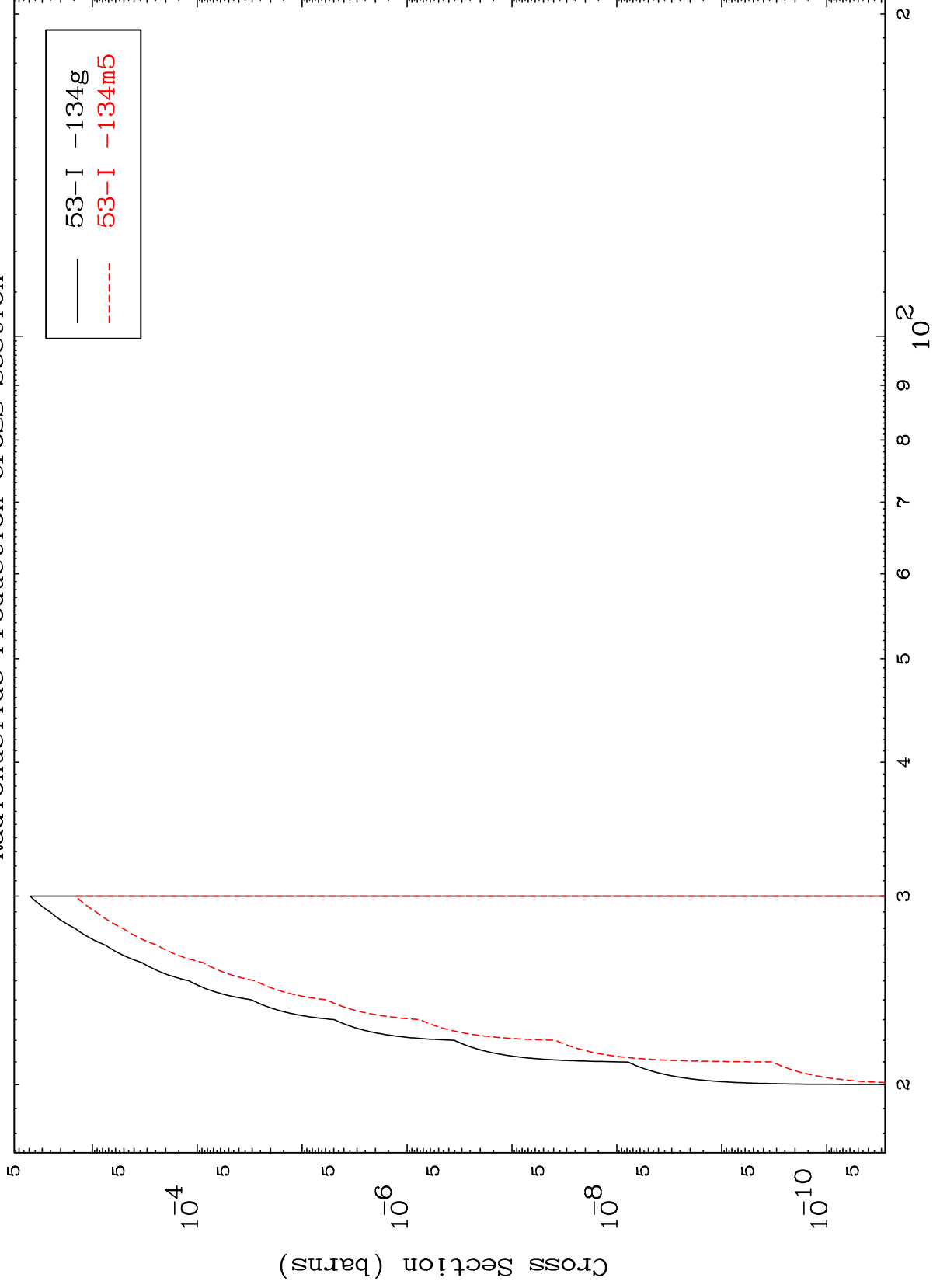
54-Xe-136

MAT 5461

(n,2n) p

54-Xe-136

Radionuclide Production Cross Section



134

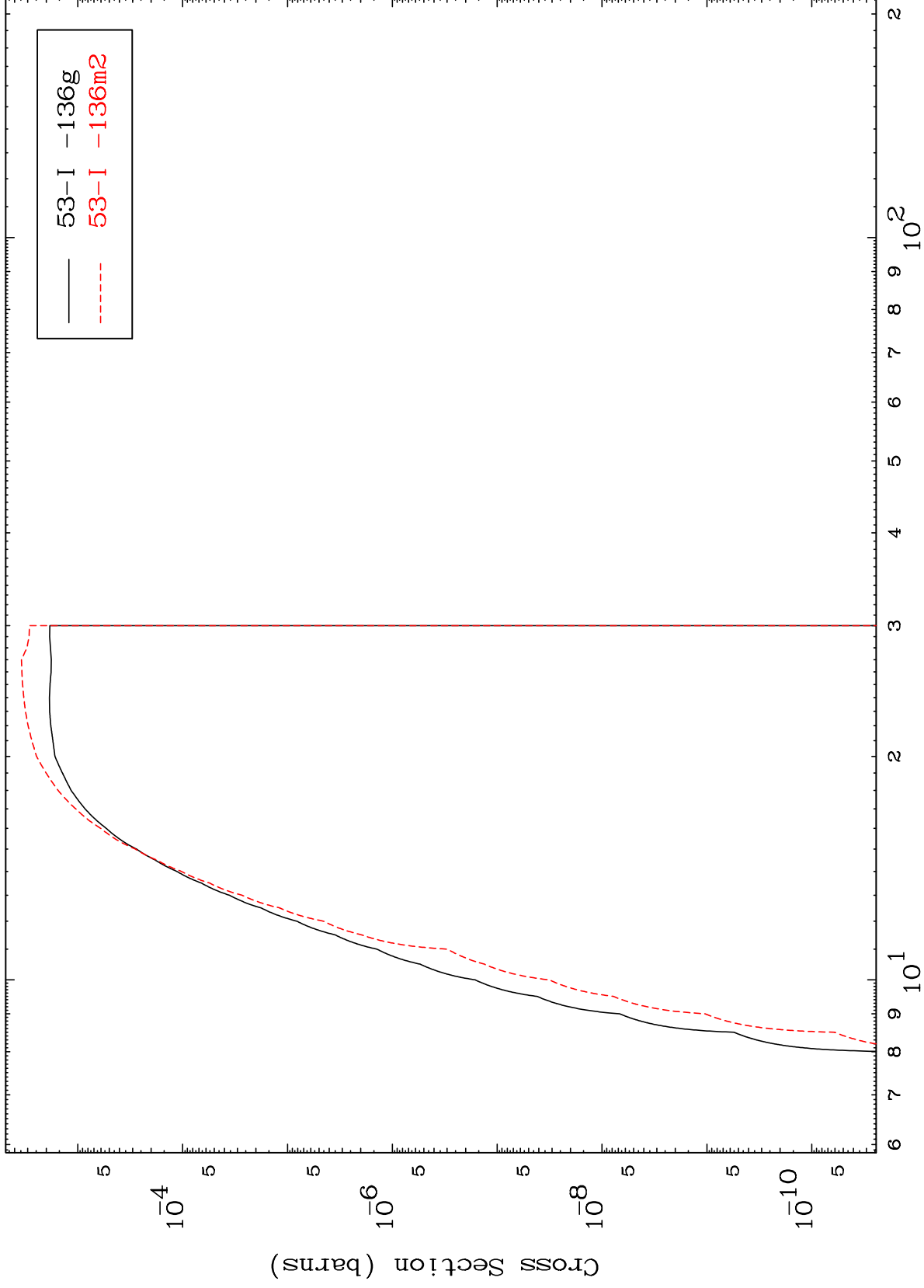
Incident Energy (MeV)

54-Xe-136

MAT 5461

54-Xe-136

(n,p)
Radionuclide Production Cross Section



135

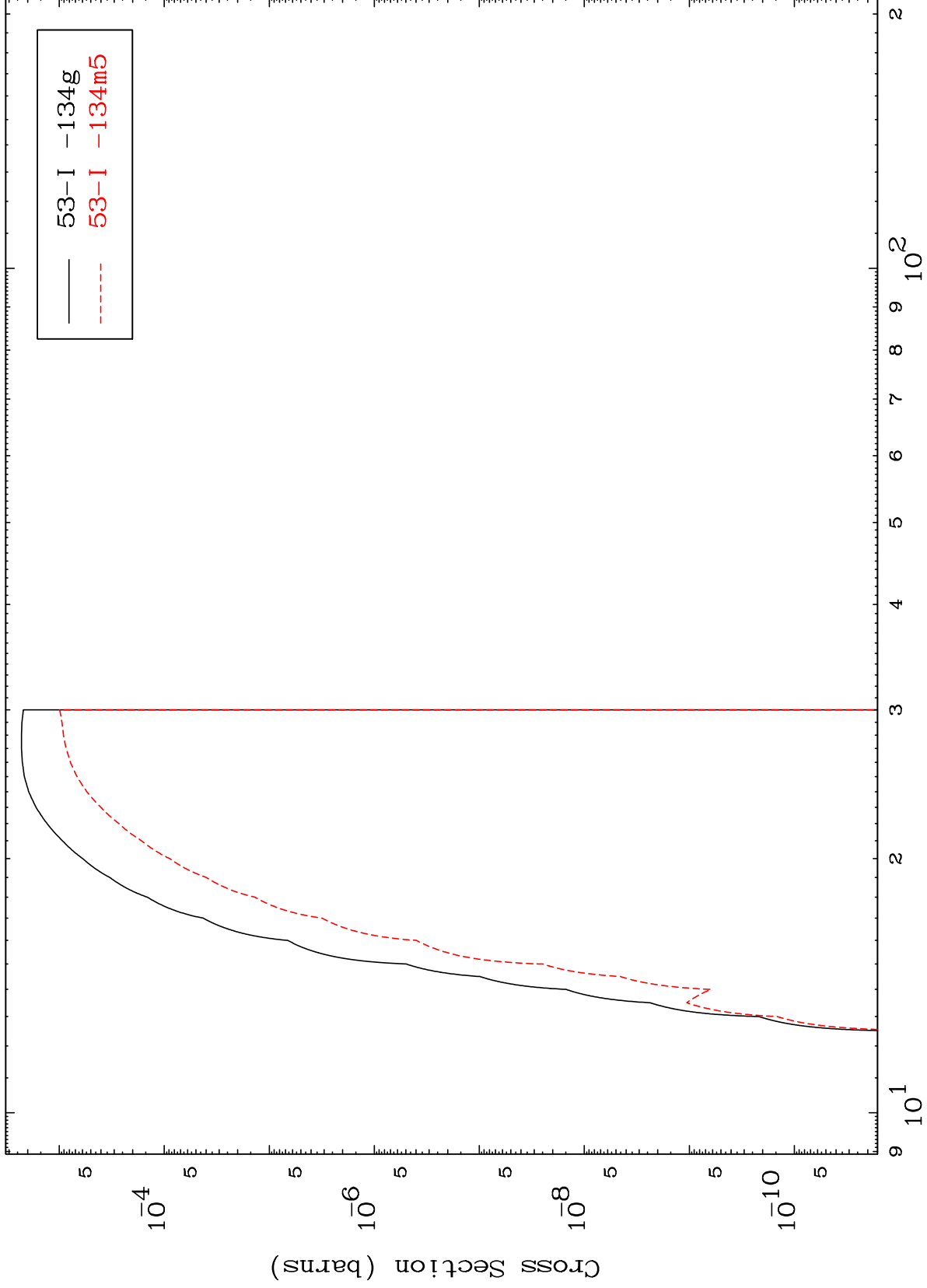
Incident Energy (MeV)

54-Xe-136

MAT 5461

54-Xe-136

(n, t)
Radionuclide Production Cross Section



54-Xe-136

Incident Energy (MeV)

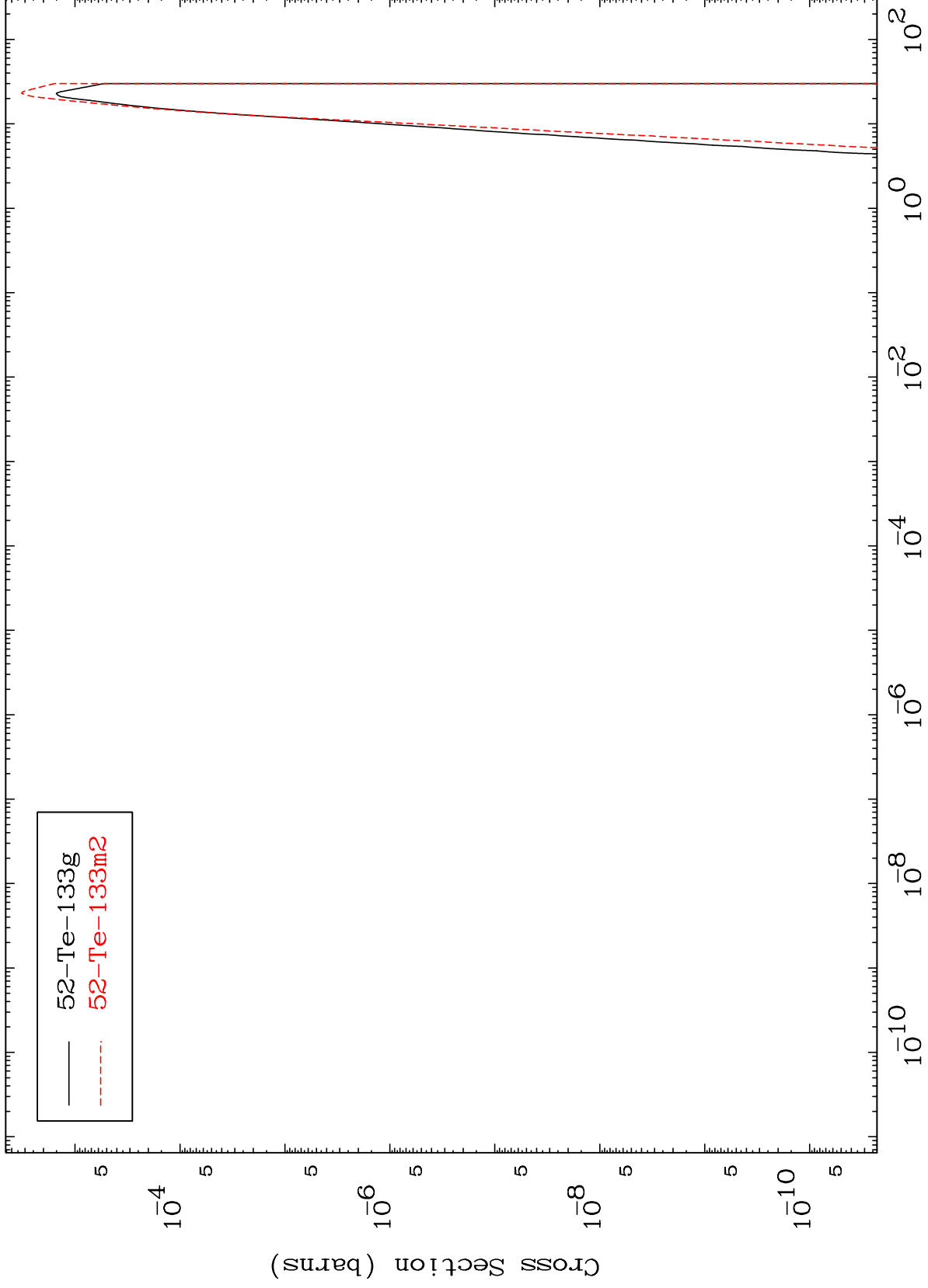
136

MAT 5461

(n, α)

54-Xe-136

Radionuclide Production Cross Section



137

Incident Energy (MeV)

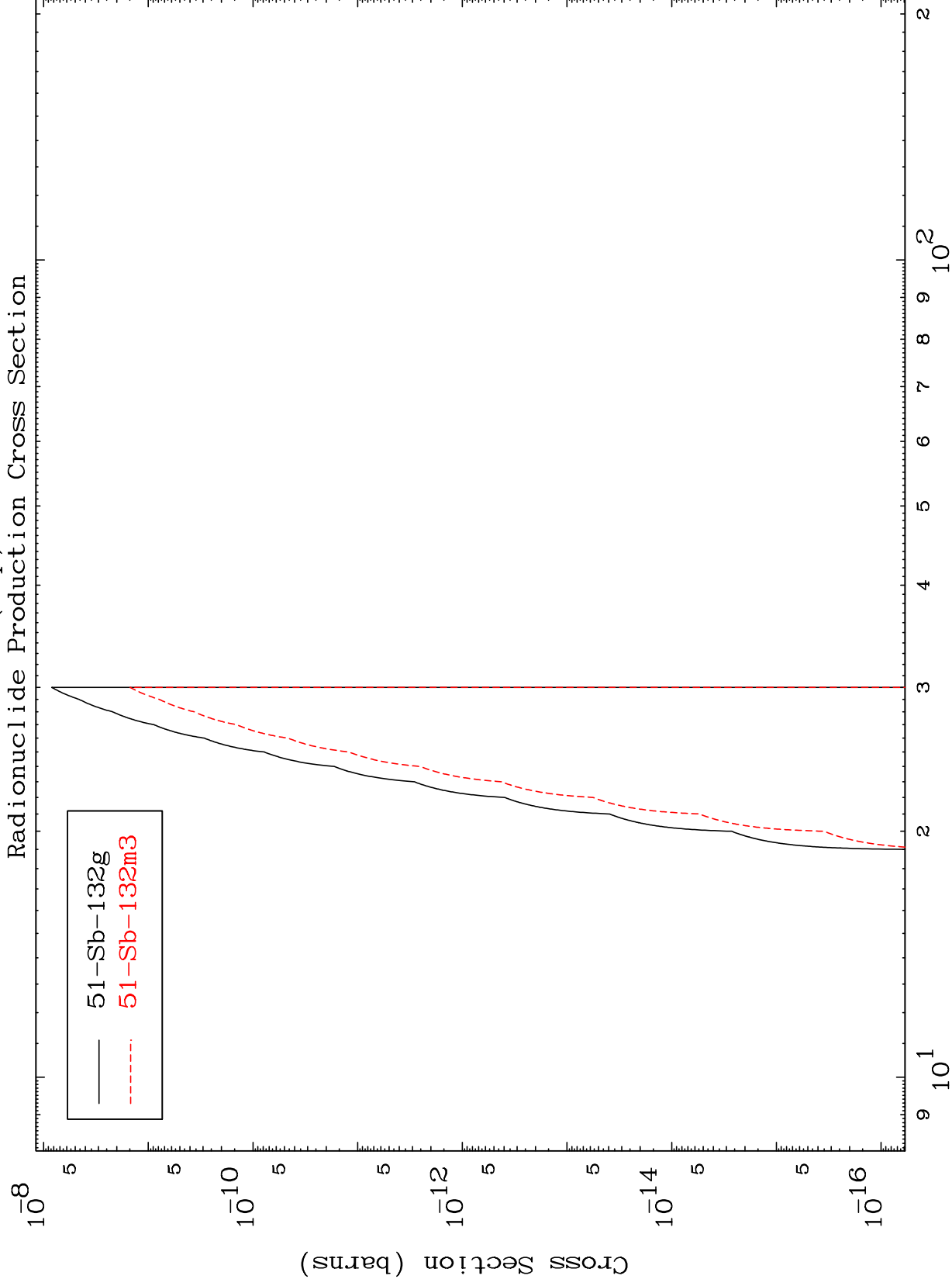
54-Xe-136

MAT 5461

54-Xe-136

(n,p) α

Radionuclide Production Cross Section



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Incident Energy (MeV)

54-Xe-136