

Program EVALPLOT
(Version 2018-1)

by

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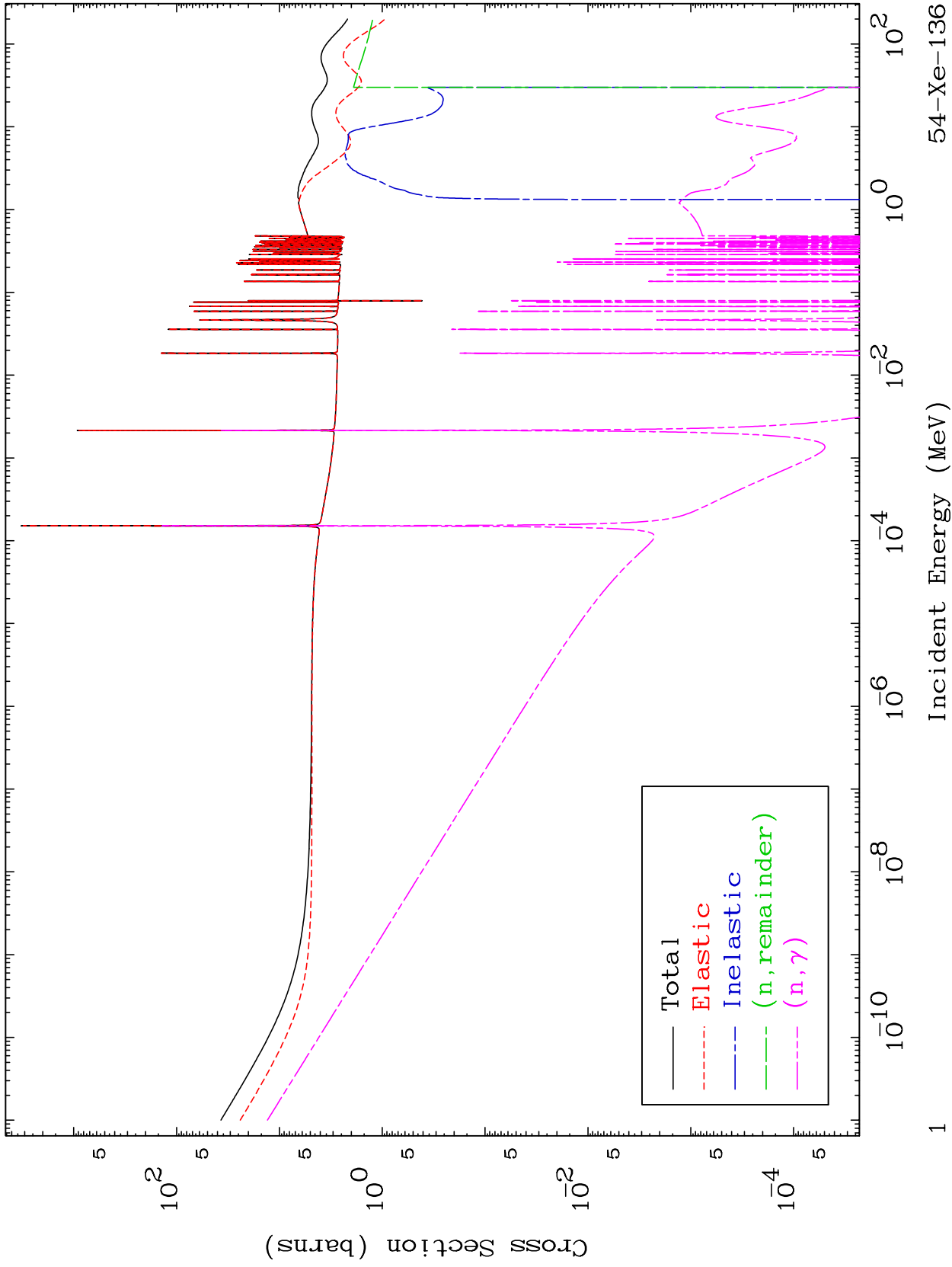
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Press Mouse Button to Start

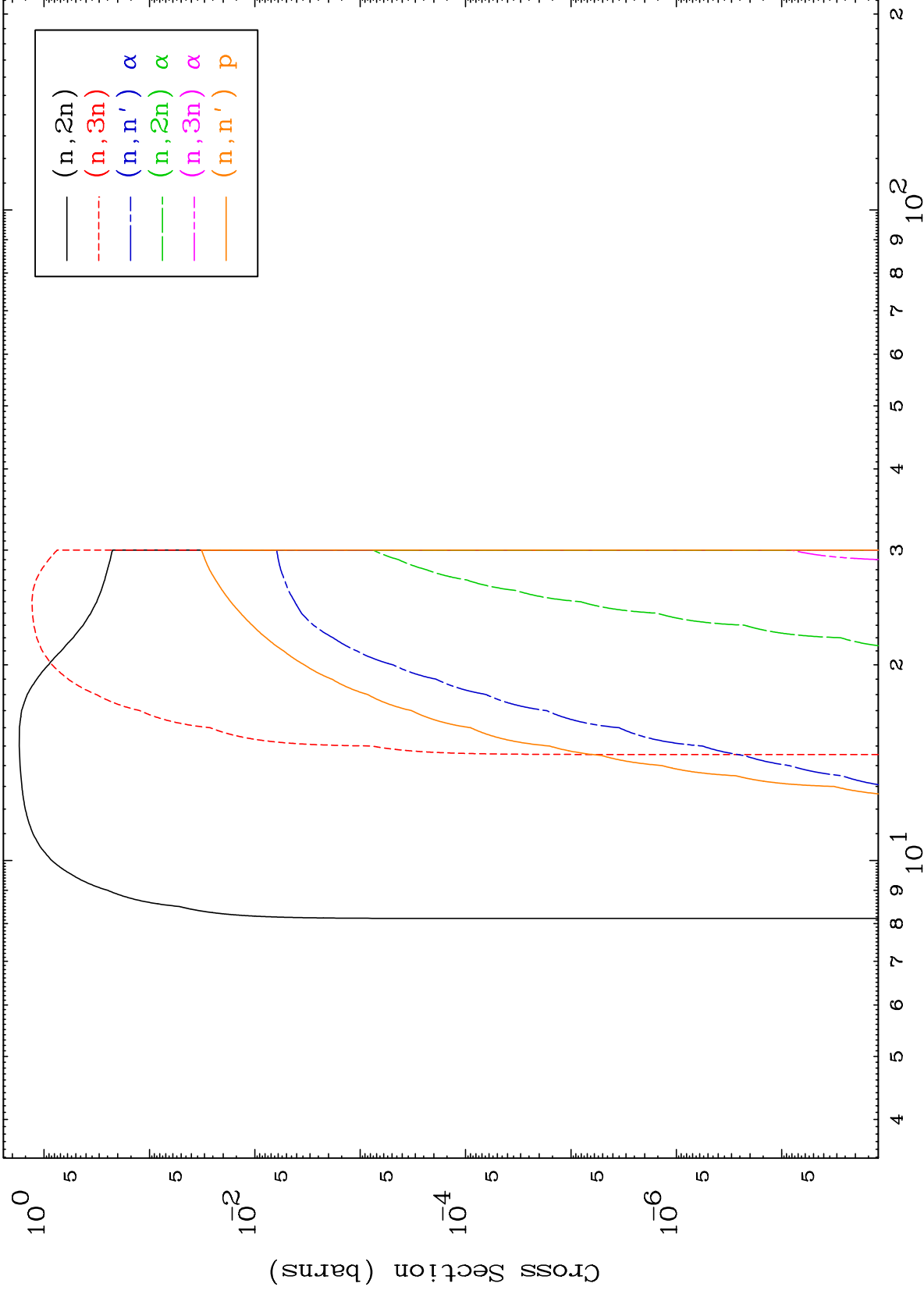
MAT 5461

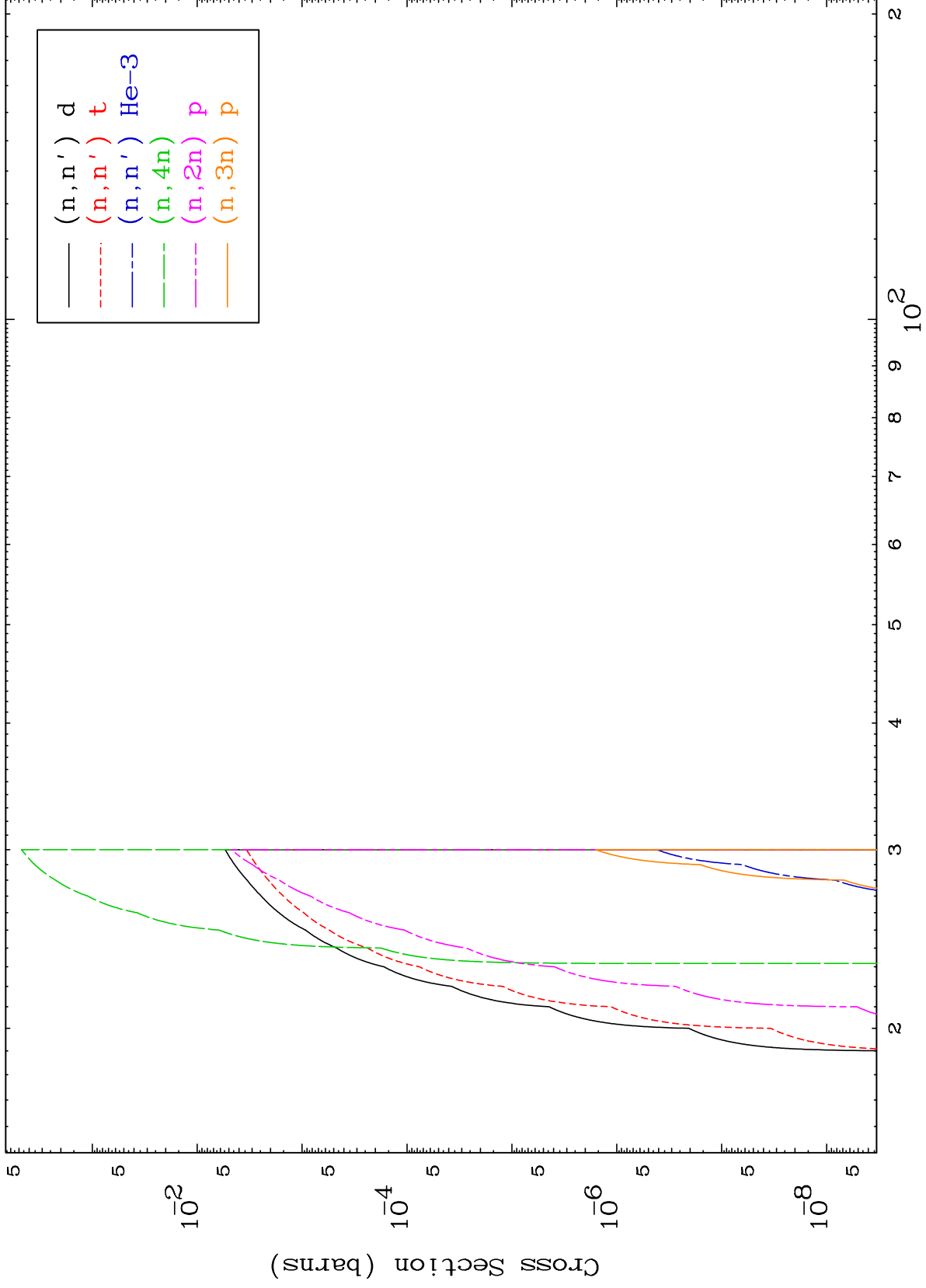
Major
293 Kelvin Cross Sections

54-Xe-136



Neutron Production
293 Kelvin Cross Sections

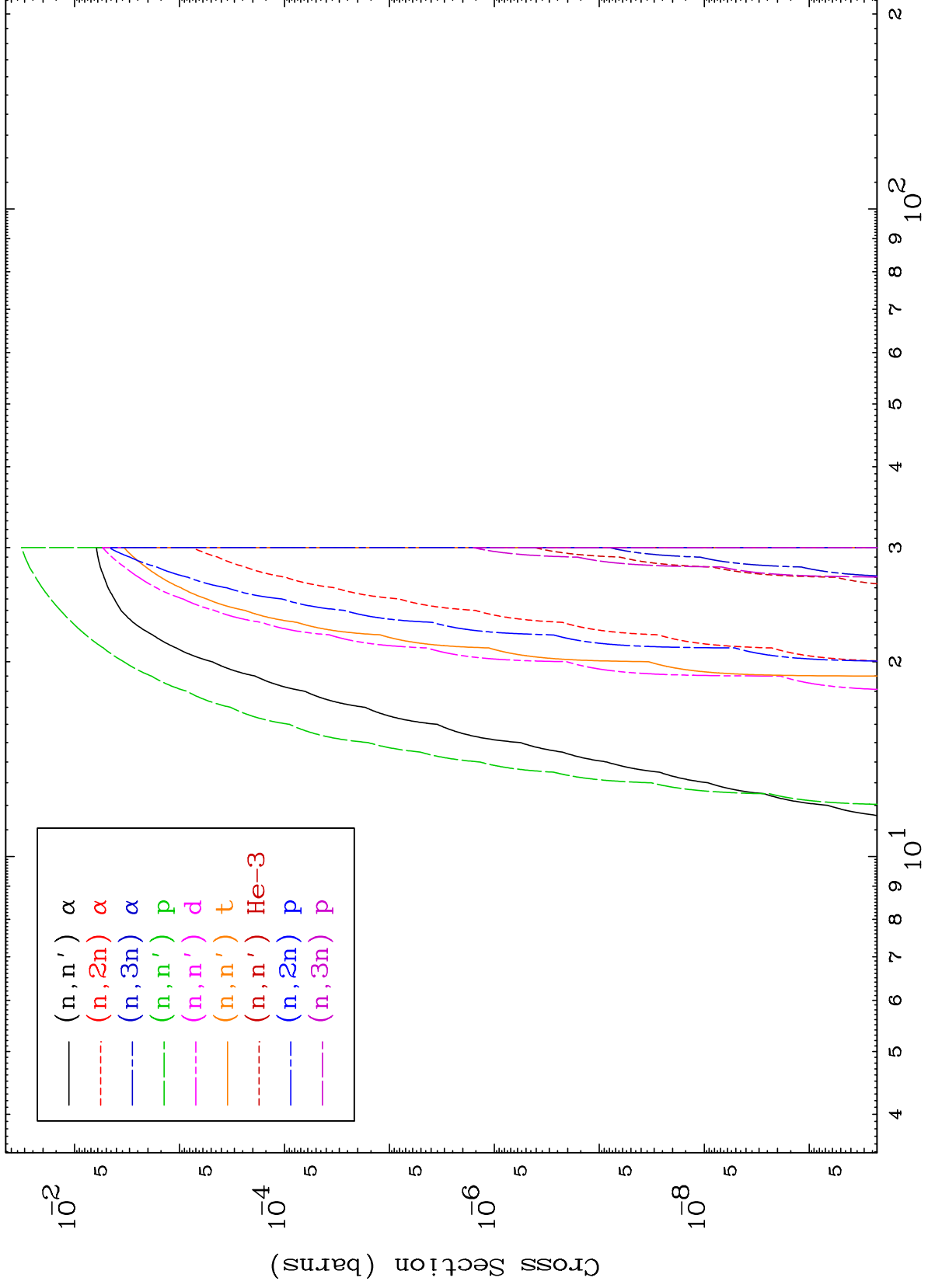




MAT 5461

Charged Particle
293 Kelvin Cross Sections

54-Xe-136



4

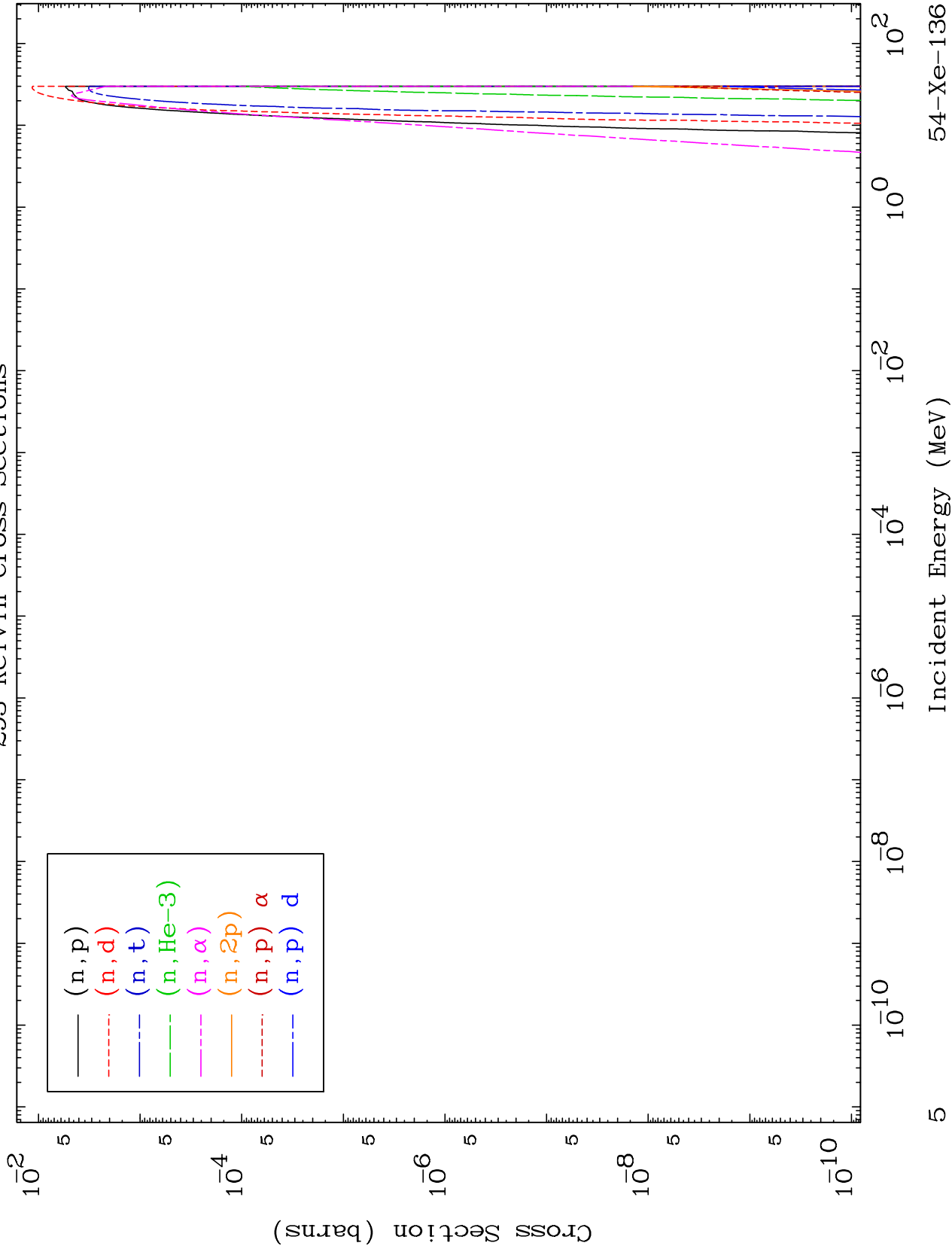
Incident Energy (MeV)

54-Xe-136

MAT 5461

Charged Particle
293 Kelvin Cross Sections

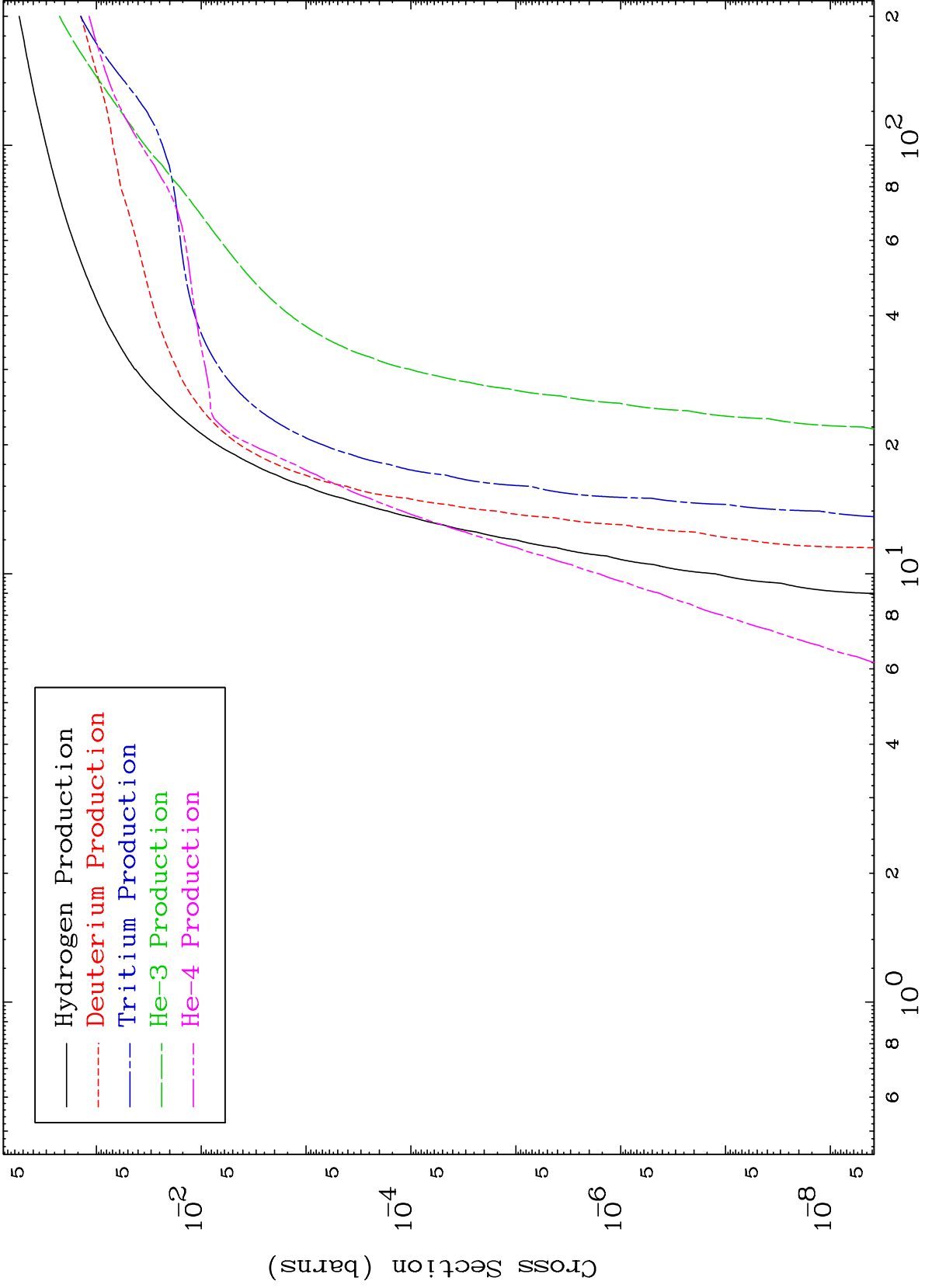
54-Xe-136



MAT 5461

Particle Production
293 Kelvin Cross Sections

54-Xe-136

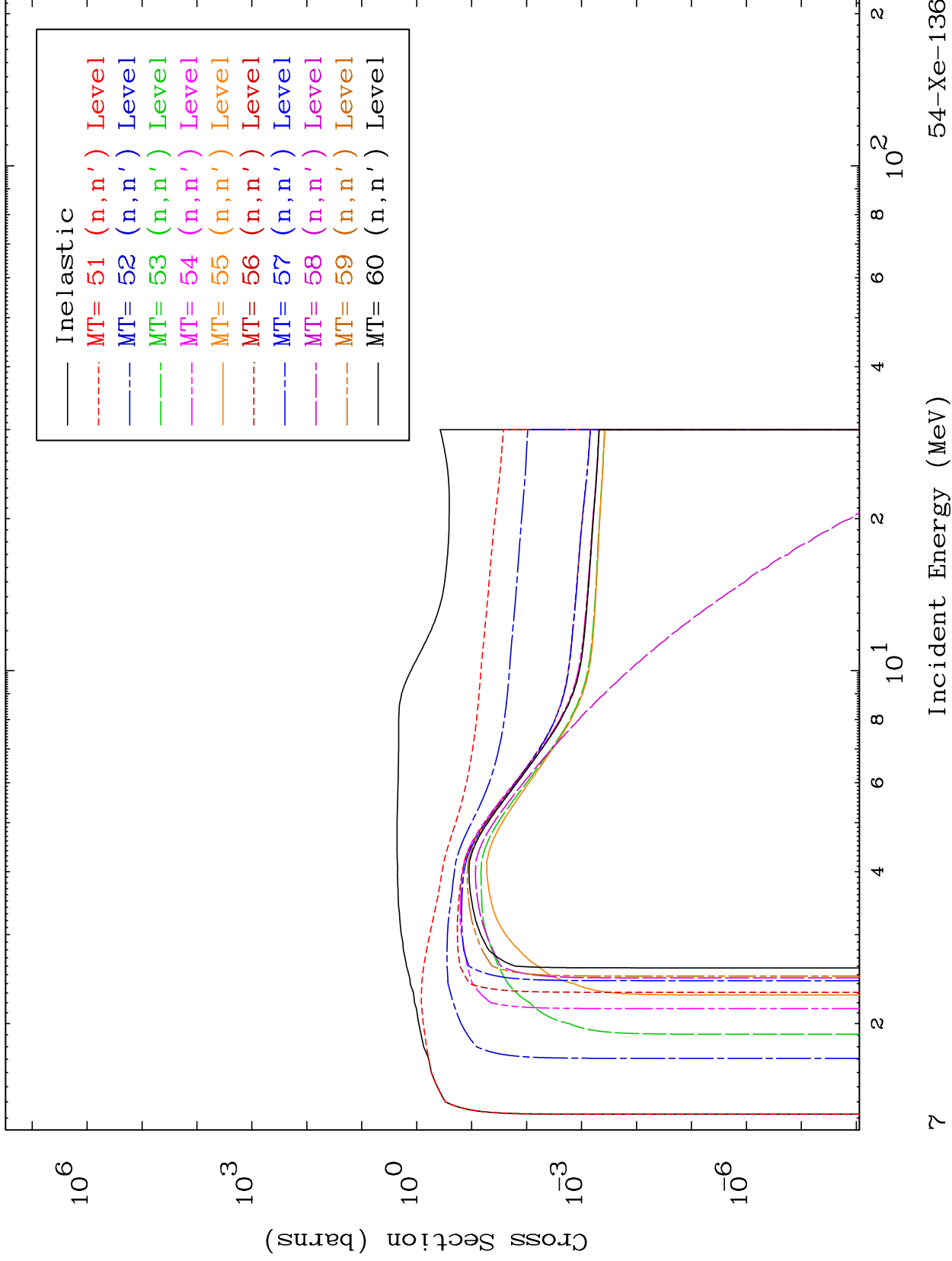


6

Incident Energy (MeV)

54-Xe-136

293 Kelvin Cross Sections

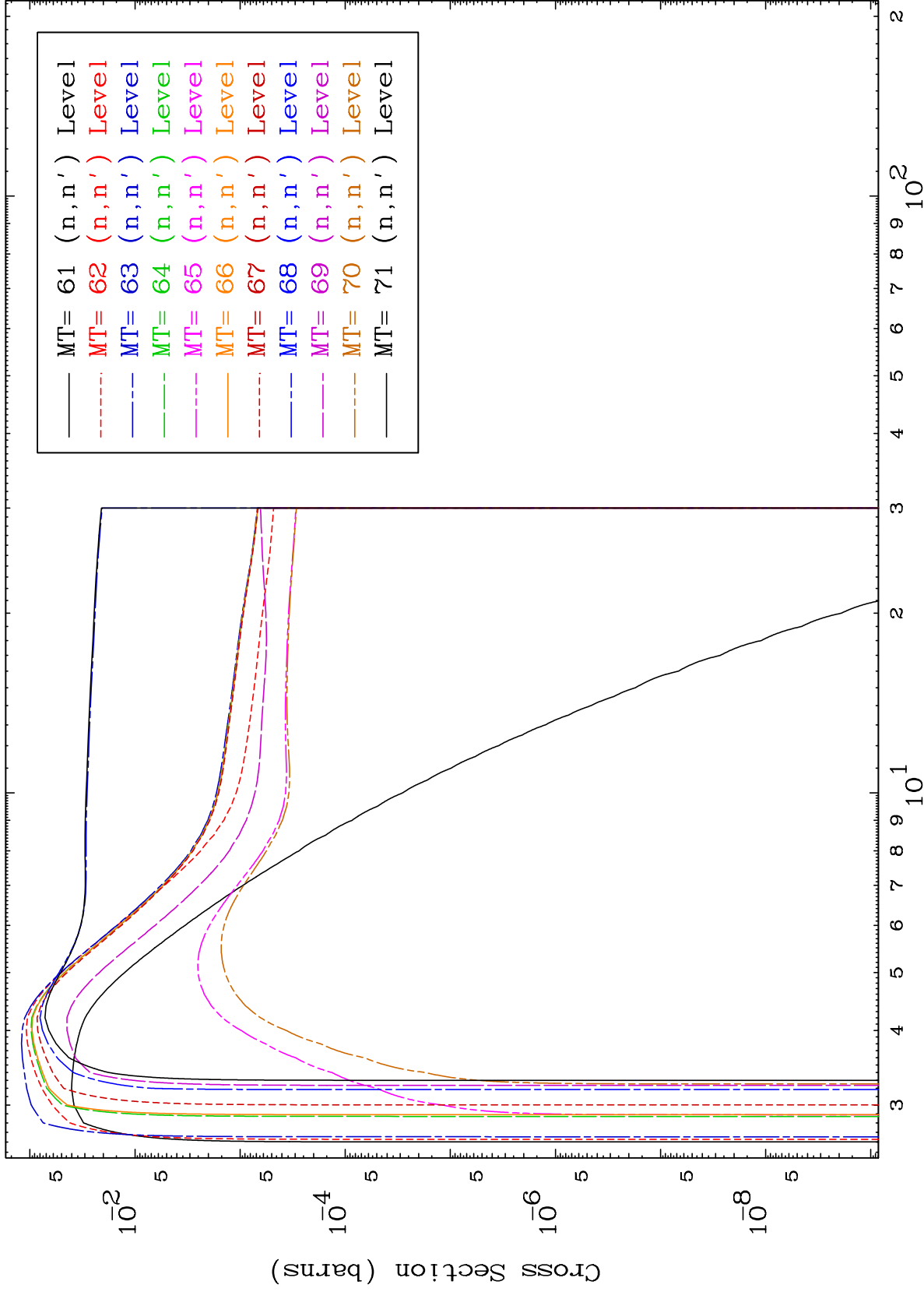


MAT 5461

(n,n') Level

54-Xe-136

293 Kelvin Cross Sections

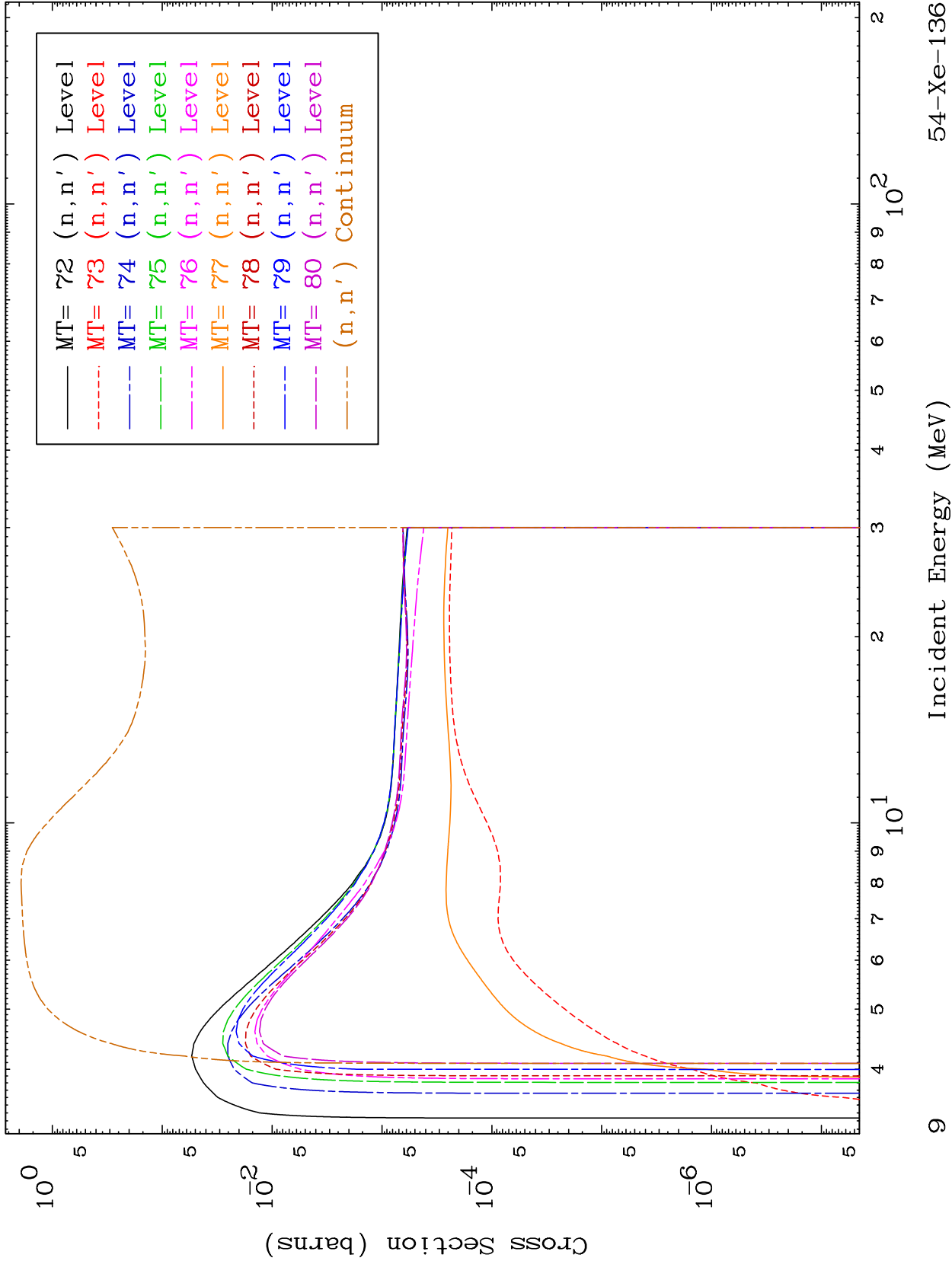


8

Incident Energy (MeV)

54-Xe-136

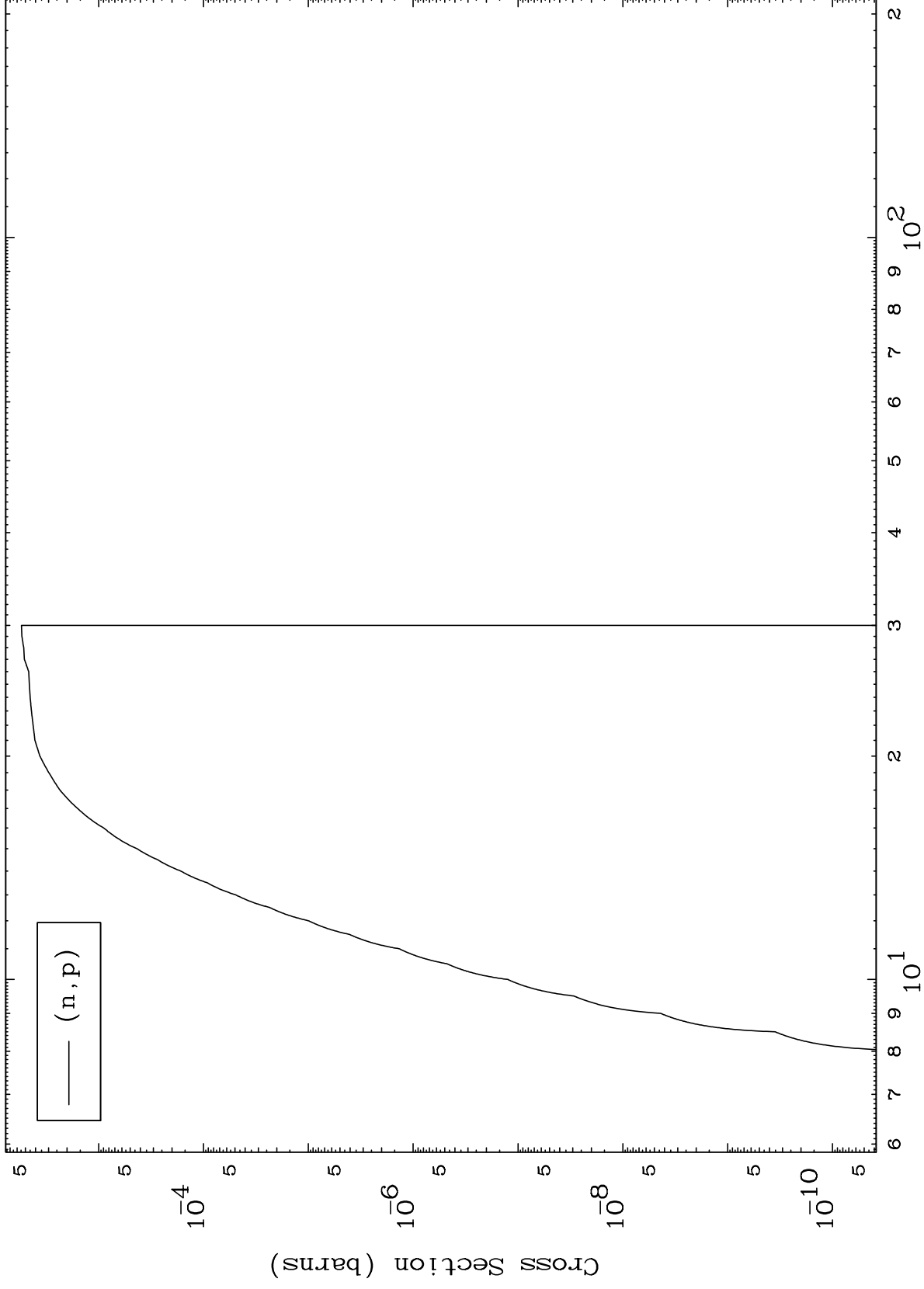
293 Kelvin Cross Sections



MAT 5461

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-136



10

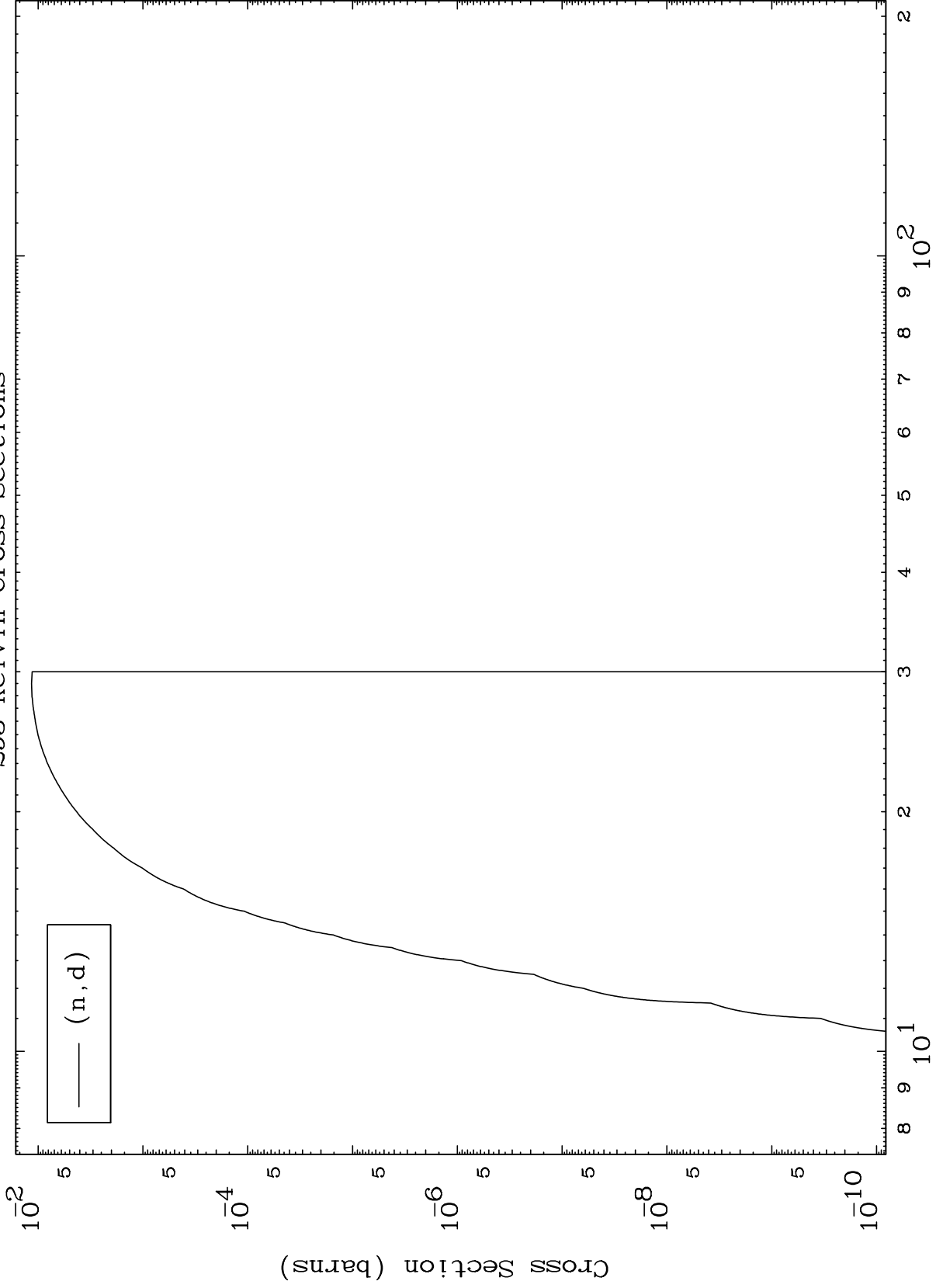
Incident Energy (MeV)

54-Xe-136

MAT 5461

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-136



11

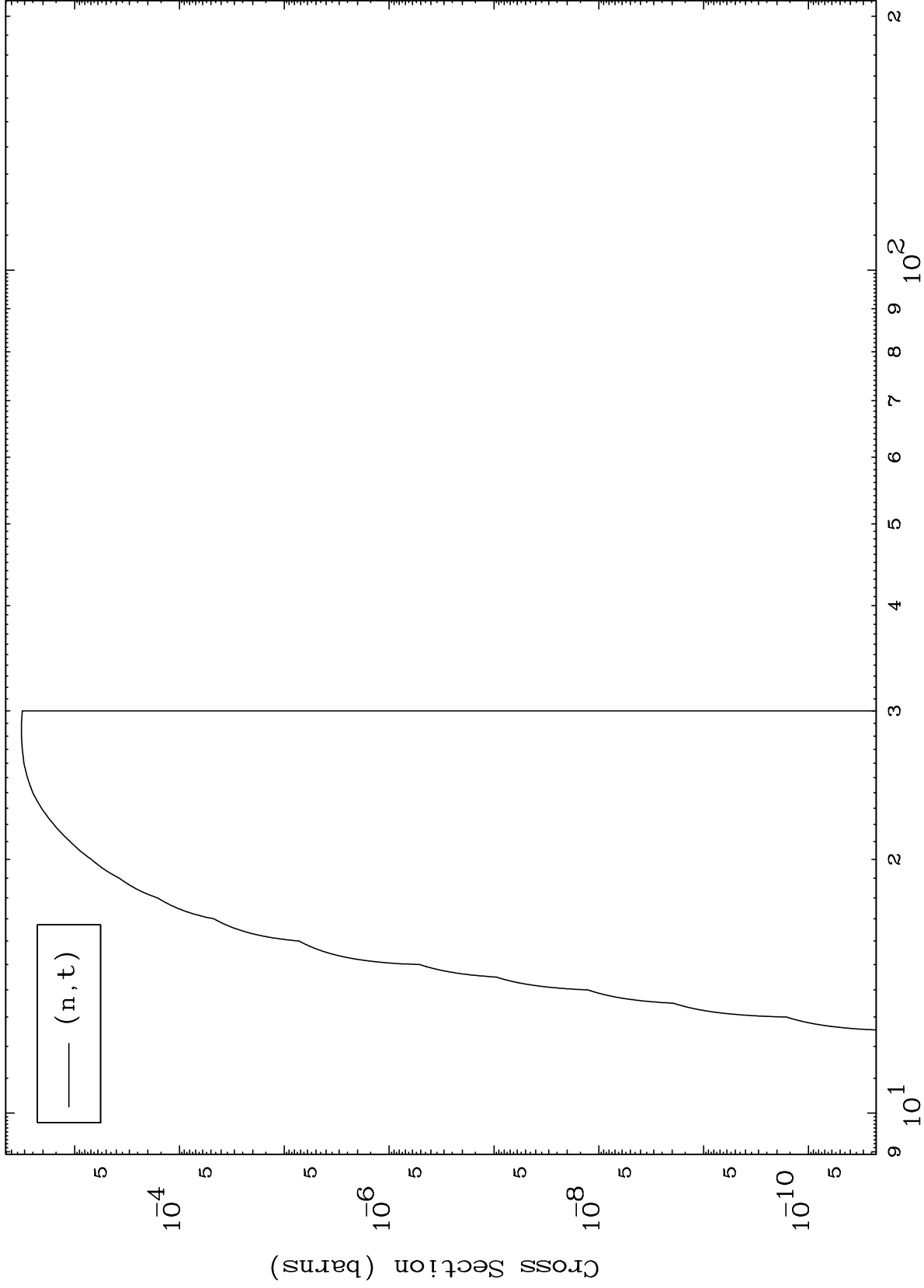
Incident Energy (MeV)

54-Xe-136

MAT 5461

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-136



12

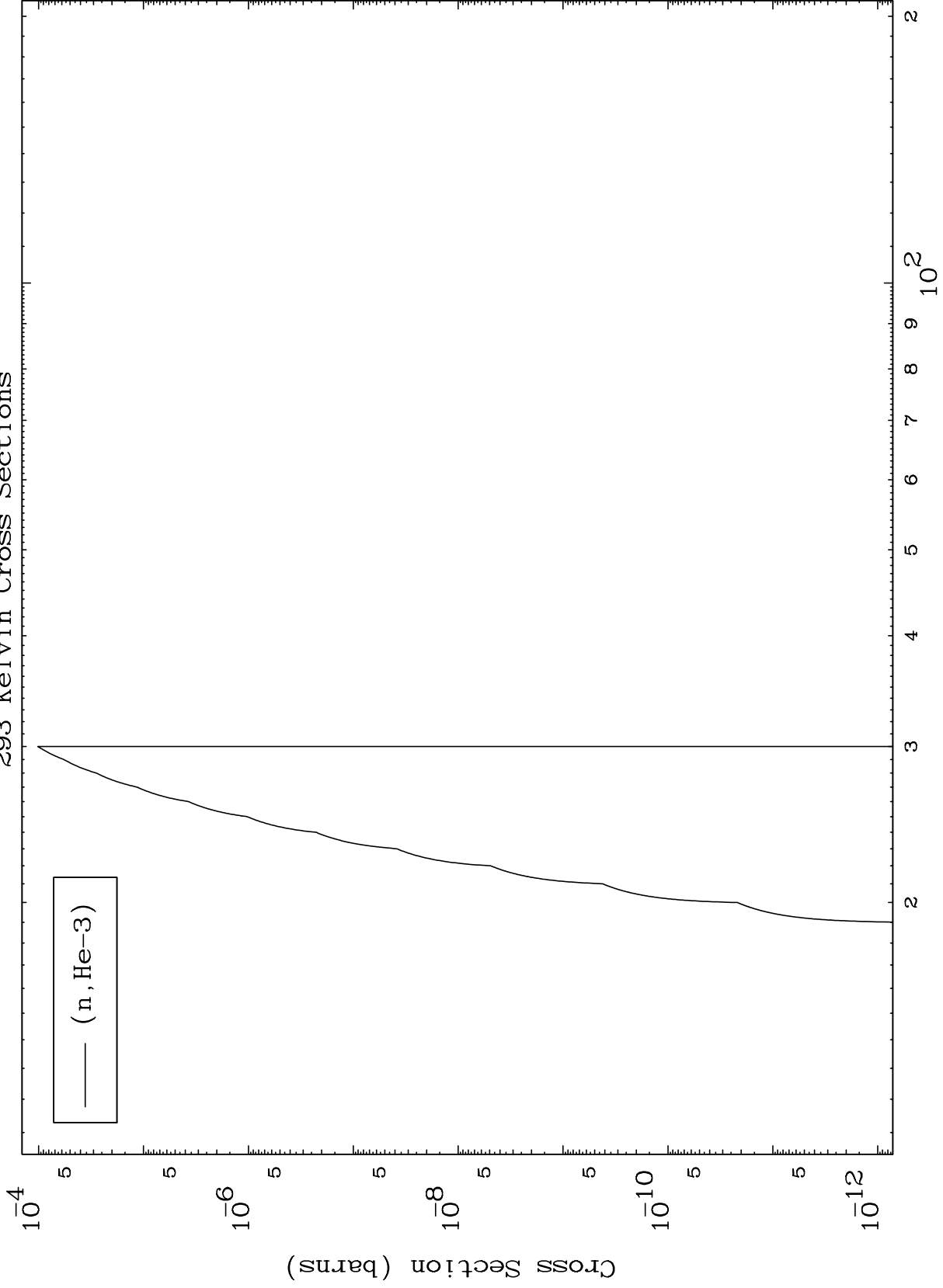
Incident Energy (MeV)

54-Xe-136

MAT 5461

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-136



13

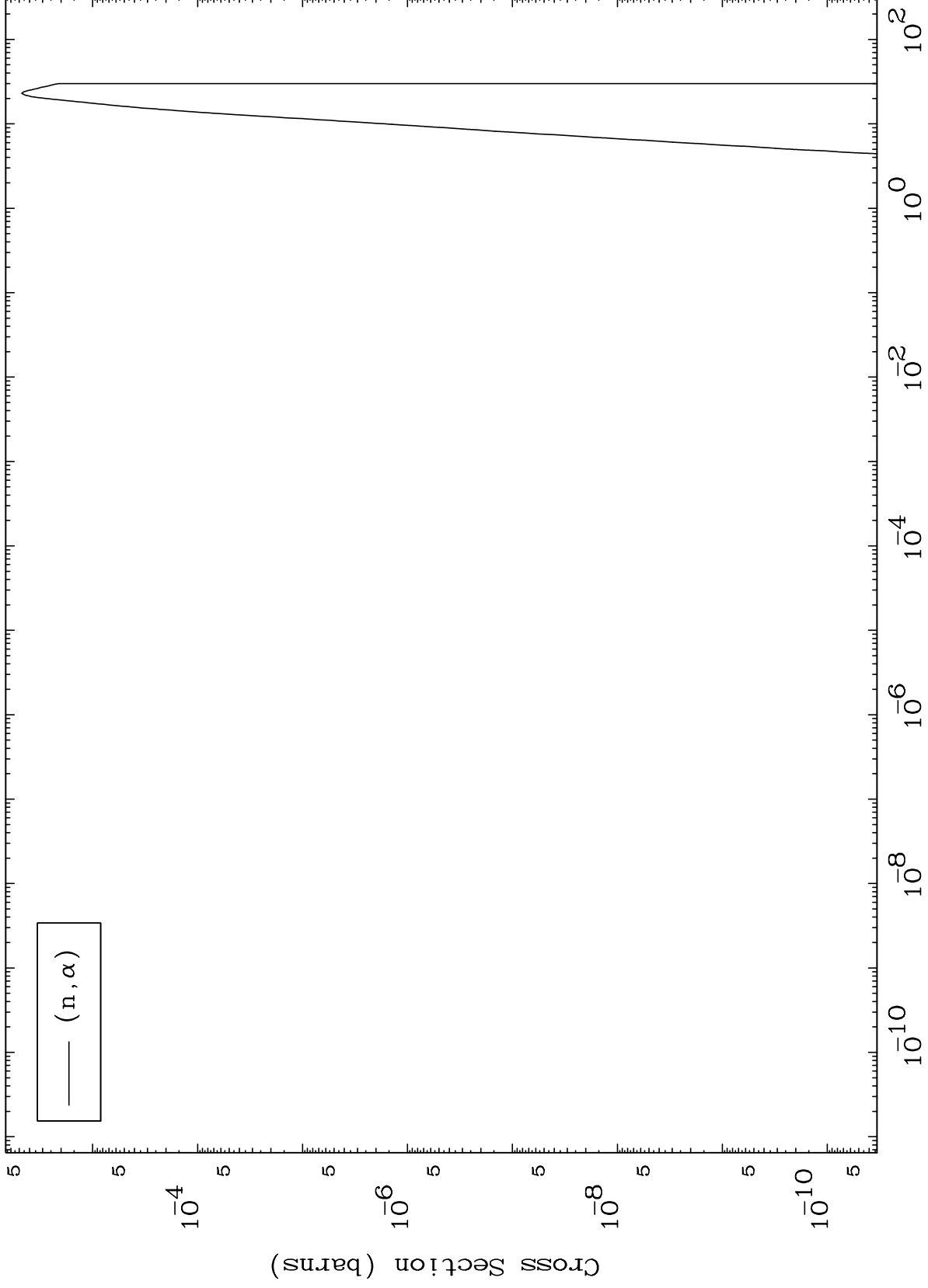
Incident Energy (MeV)

54-Xe-136

MAT 5461

(n, α) Levels
293 Kelvin Cross Sections

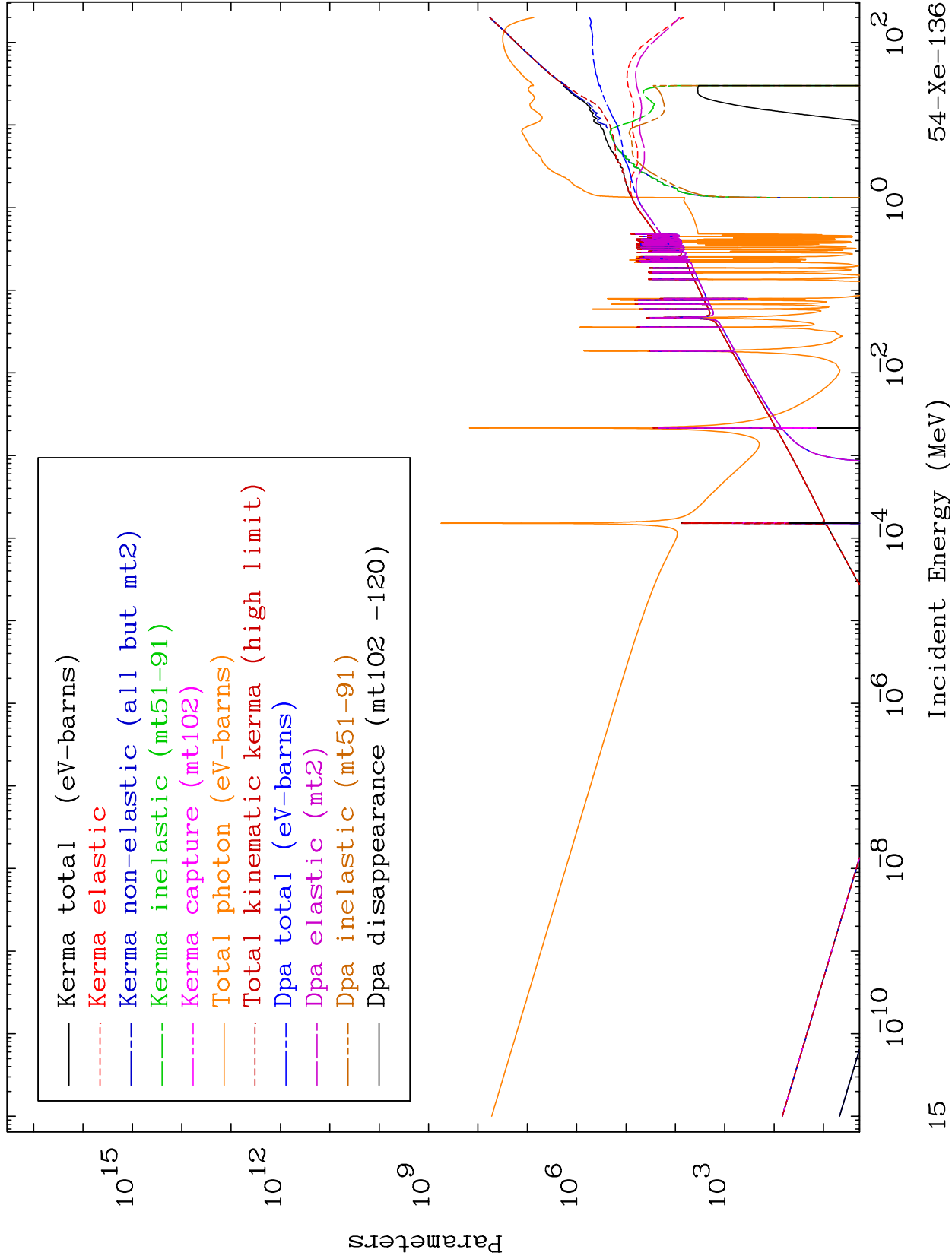
54-Xe-136



54-Xe-136

Incident Energy (MeV)

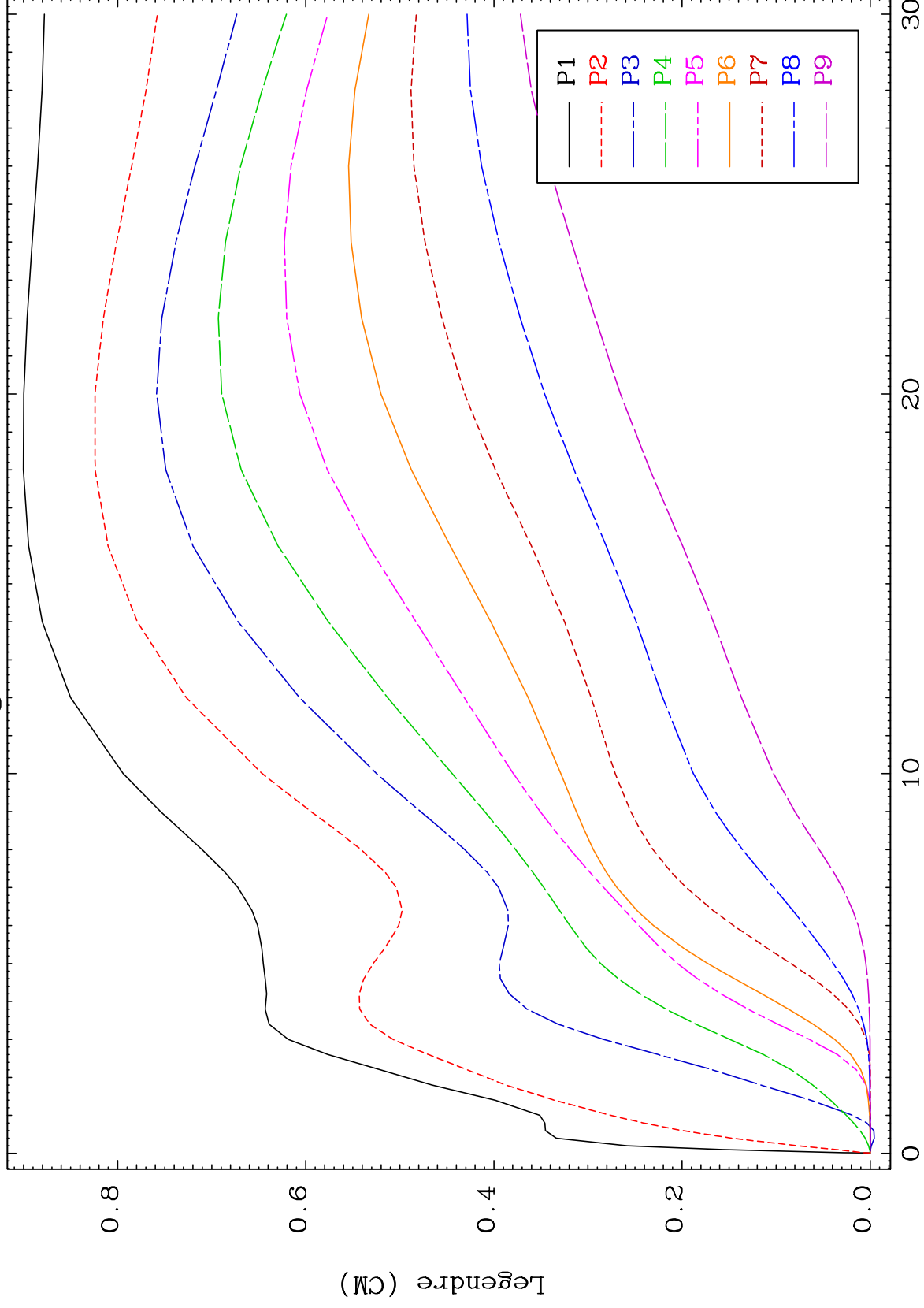
14



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Elastic Legendre Coefficients

54-Xe-136



16

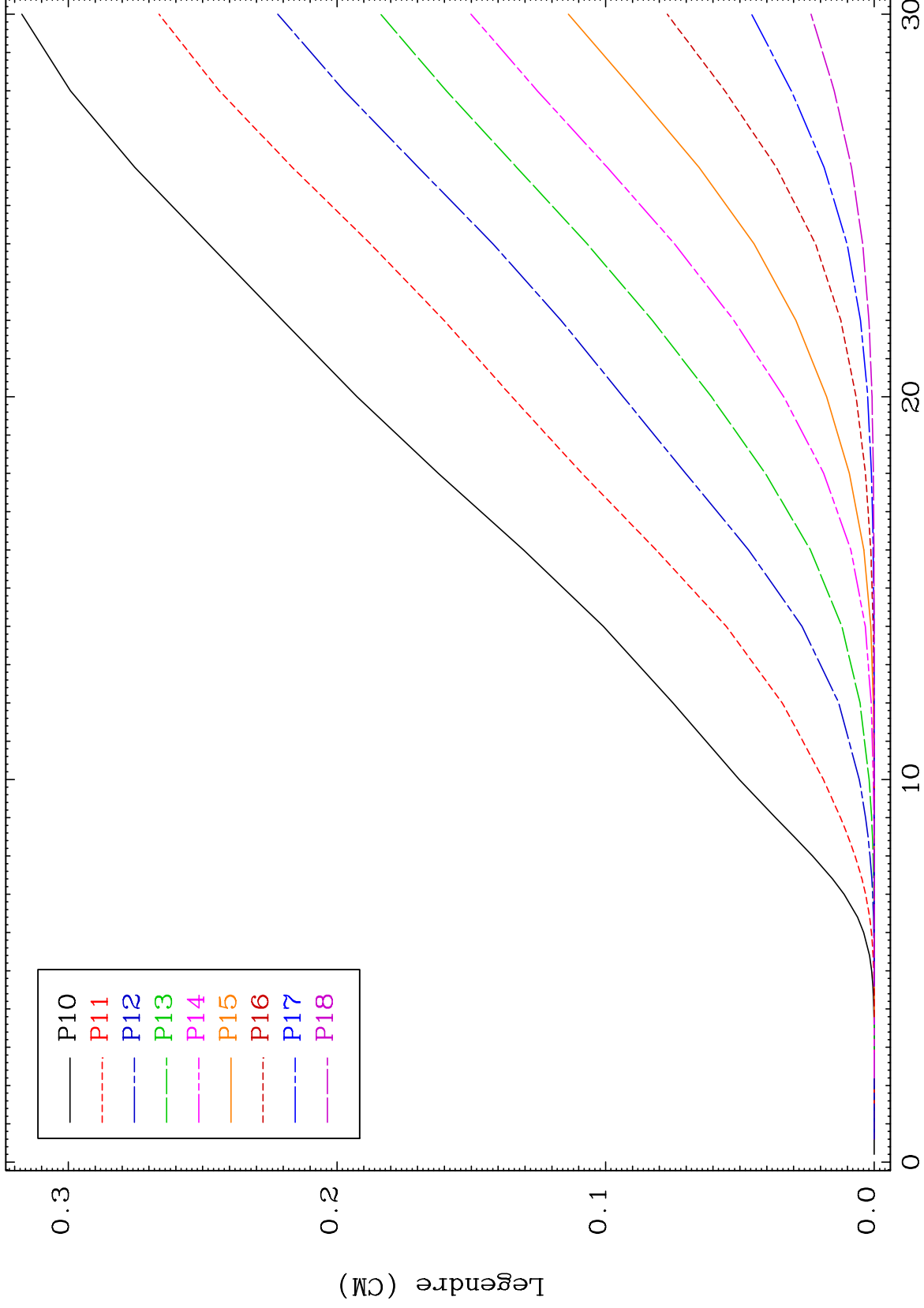
Incident Energy (MeV)

54-Xe-136

MAT 5461

Elastic Legendre Coefficients

54-Xe-136



17

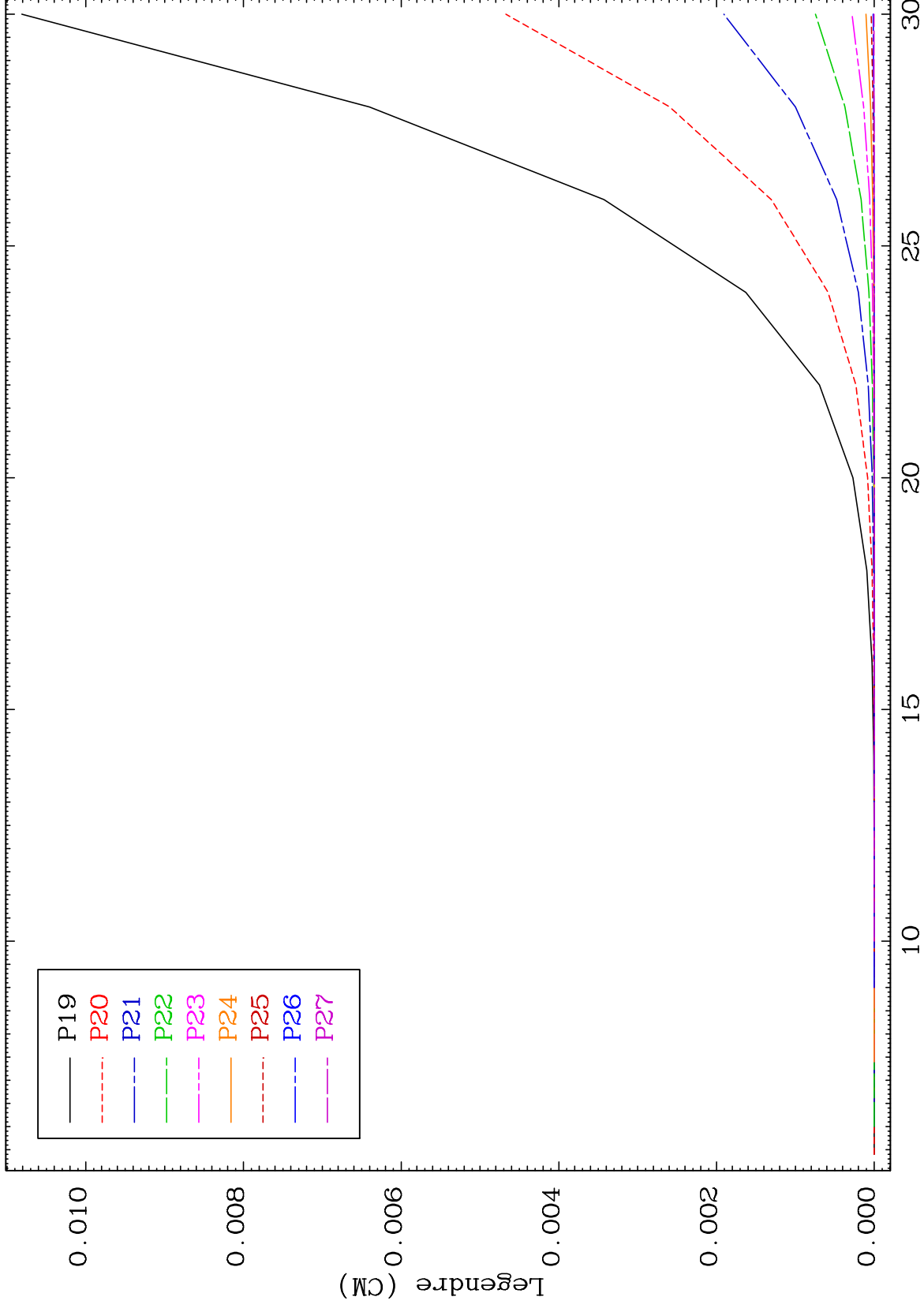
Incident Energy (MeV)

54-Xe-136

MAT 5461

Elastic Legendre Coefficients

54-Xe-136



18

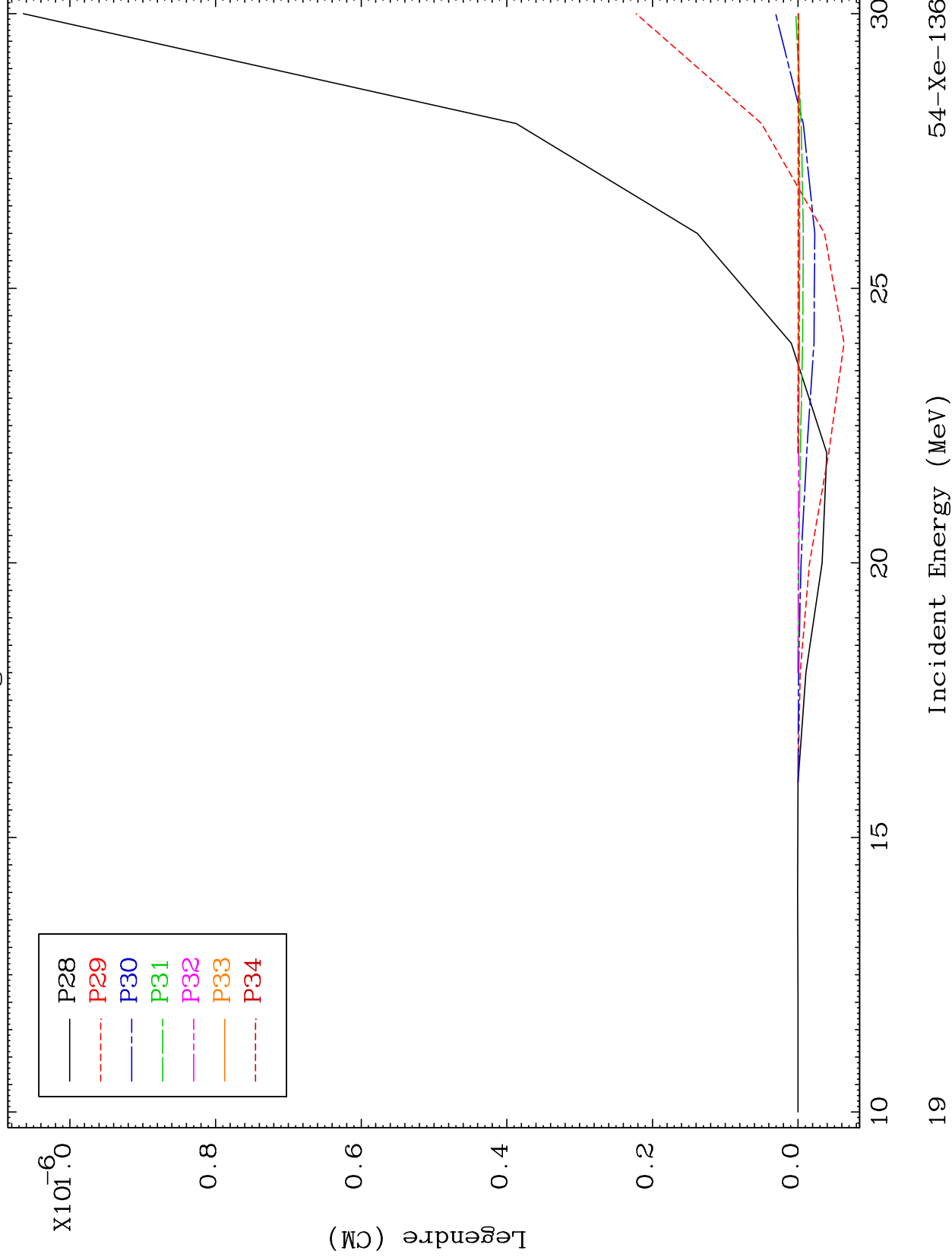
Incident Energy (MeV)

54-Xe-136

MAT 5461

Elastic
Legendre Coefficients

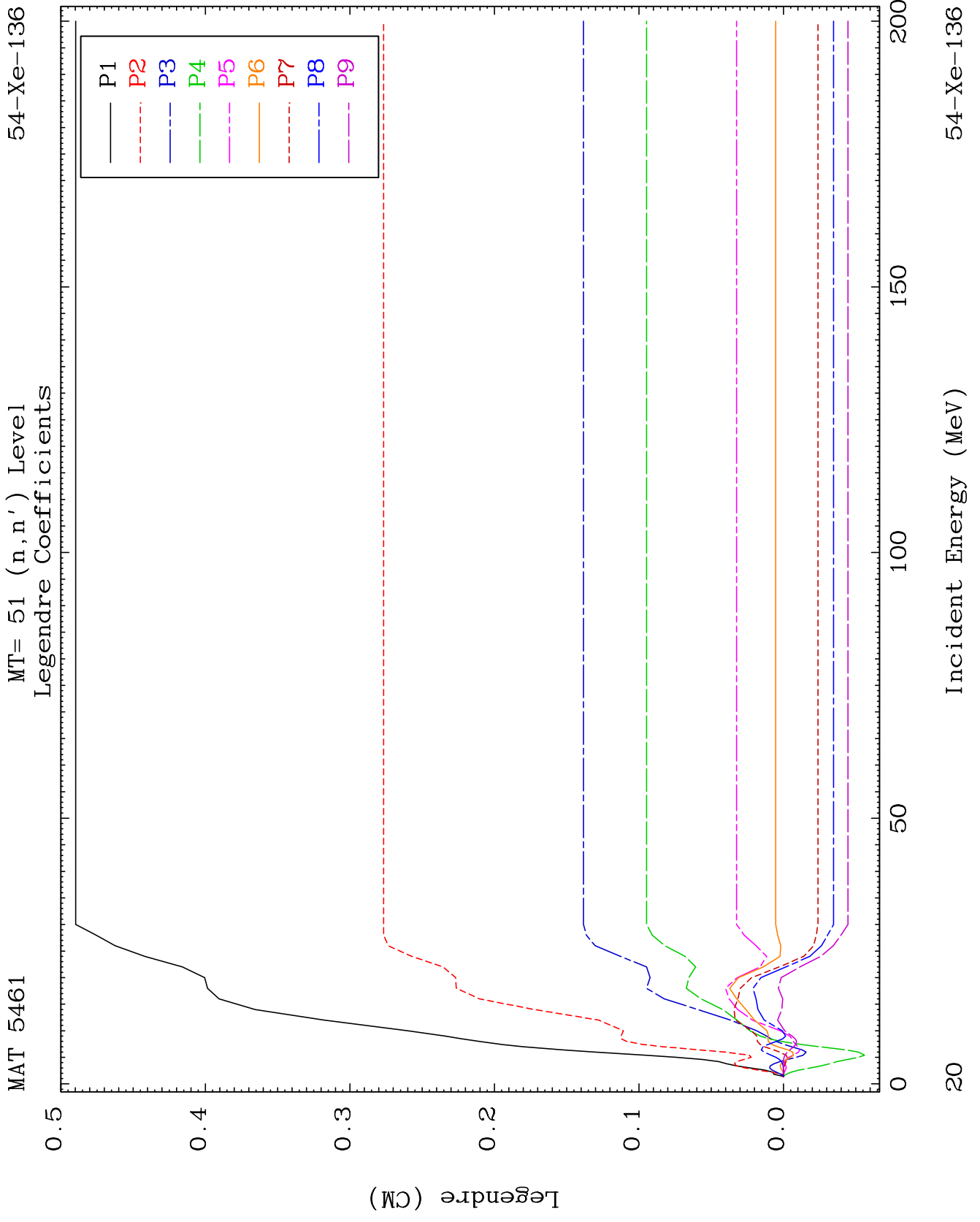
54-Xe-136



19

Incident Energy (MeV)

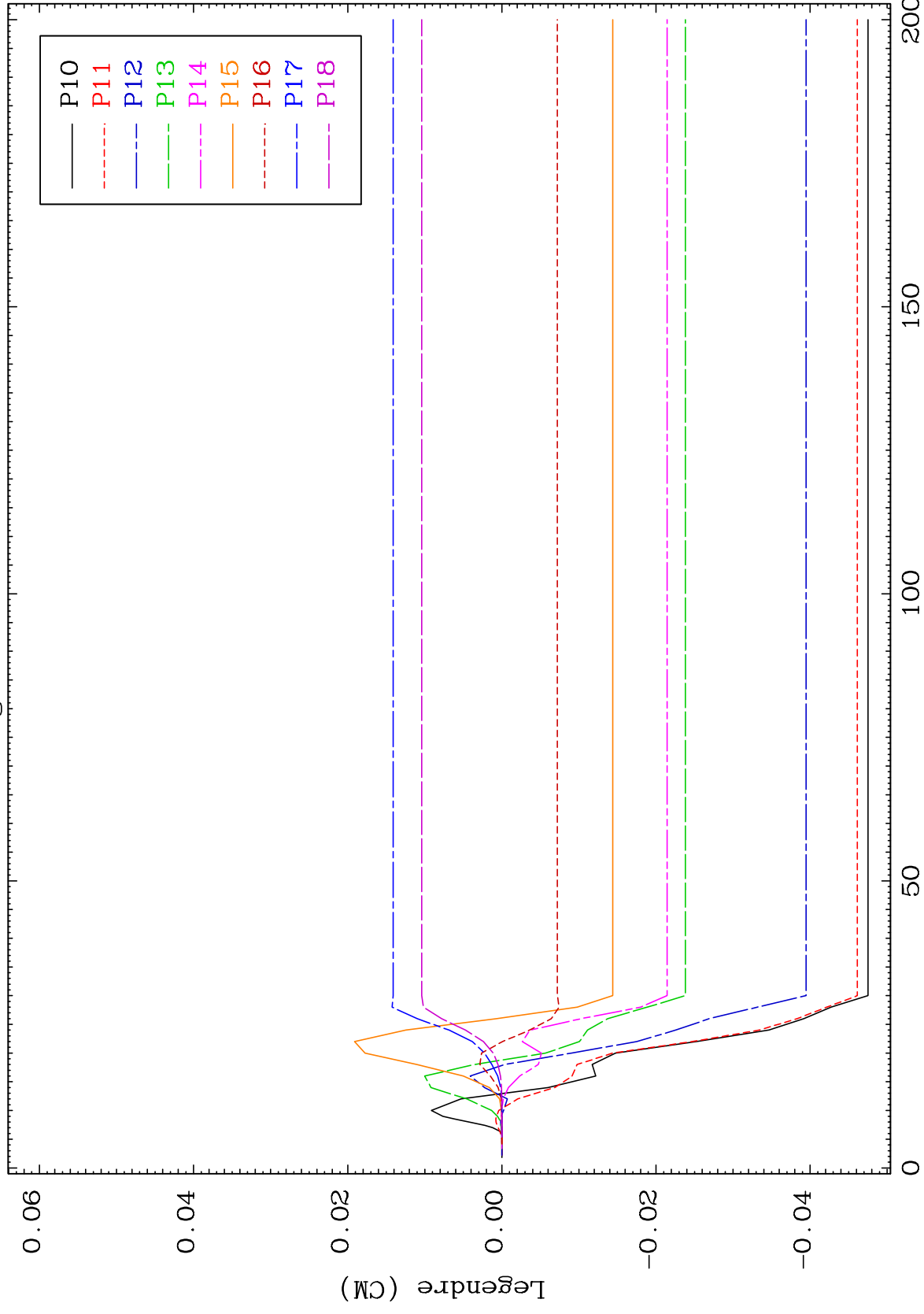
54-Xe-136



MAT 5461

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

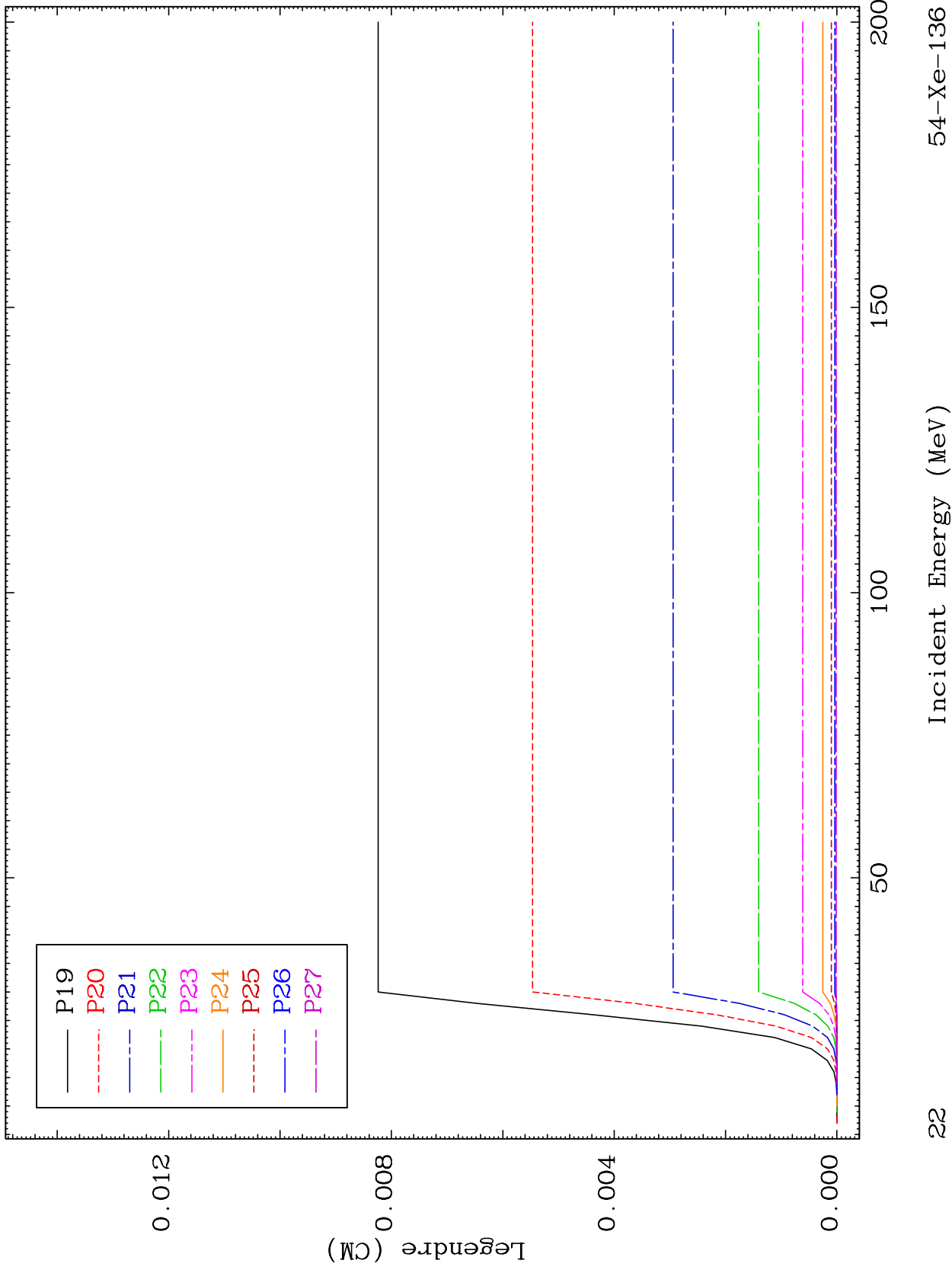
54-Xe-136



21

Incident Energy (MeV)

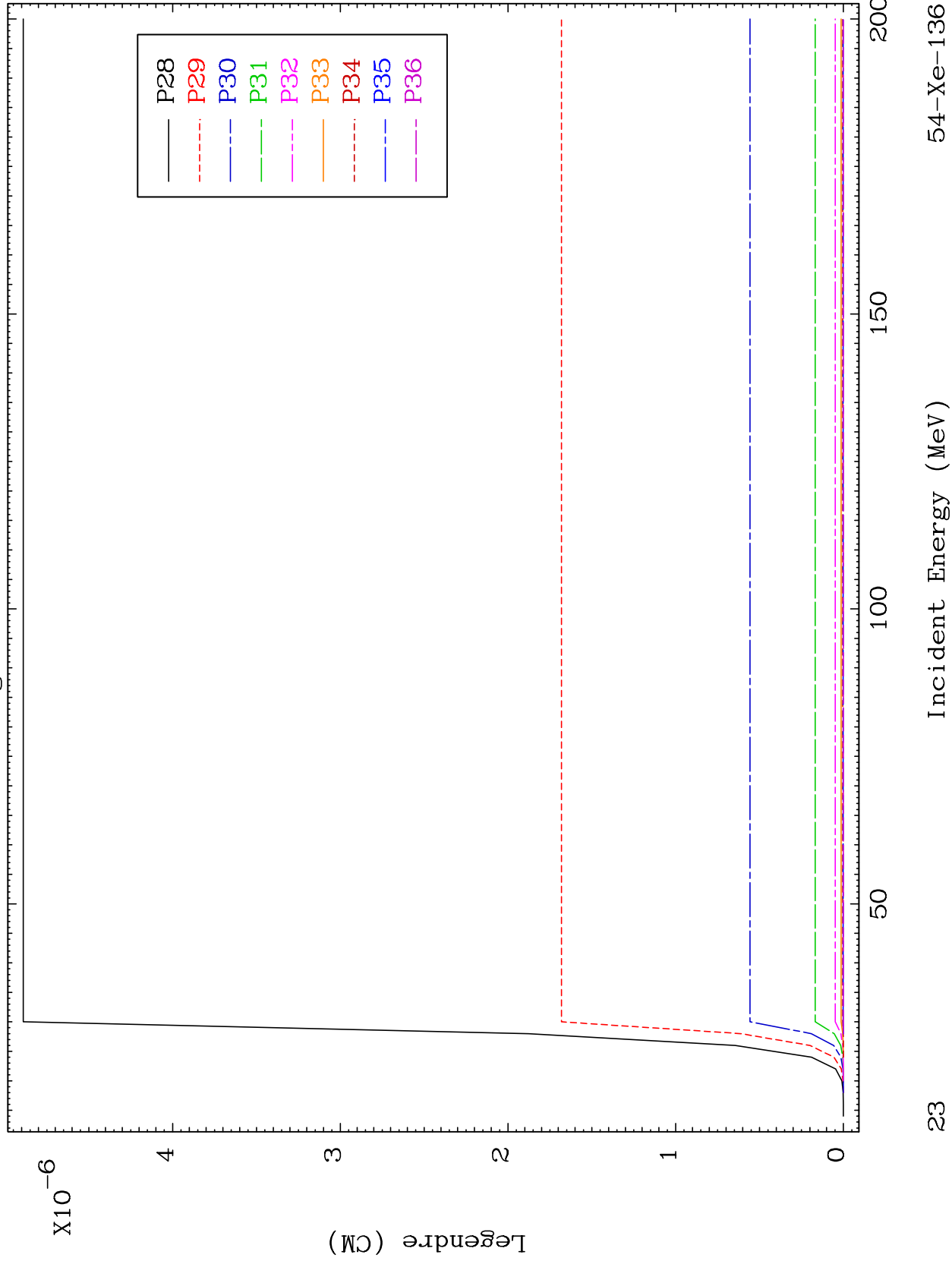
54-Xe-136



MAT 5461

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

54-Xe-136

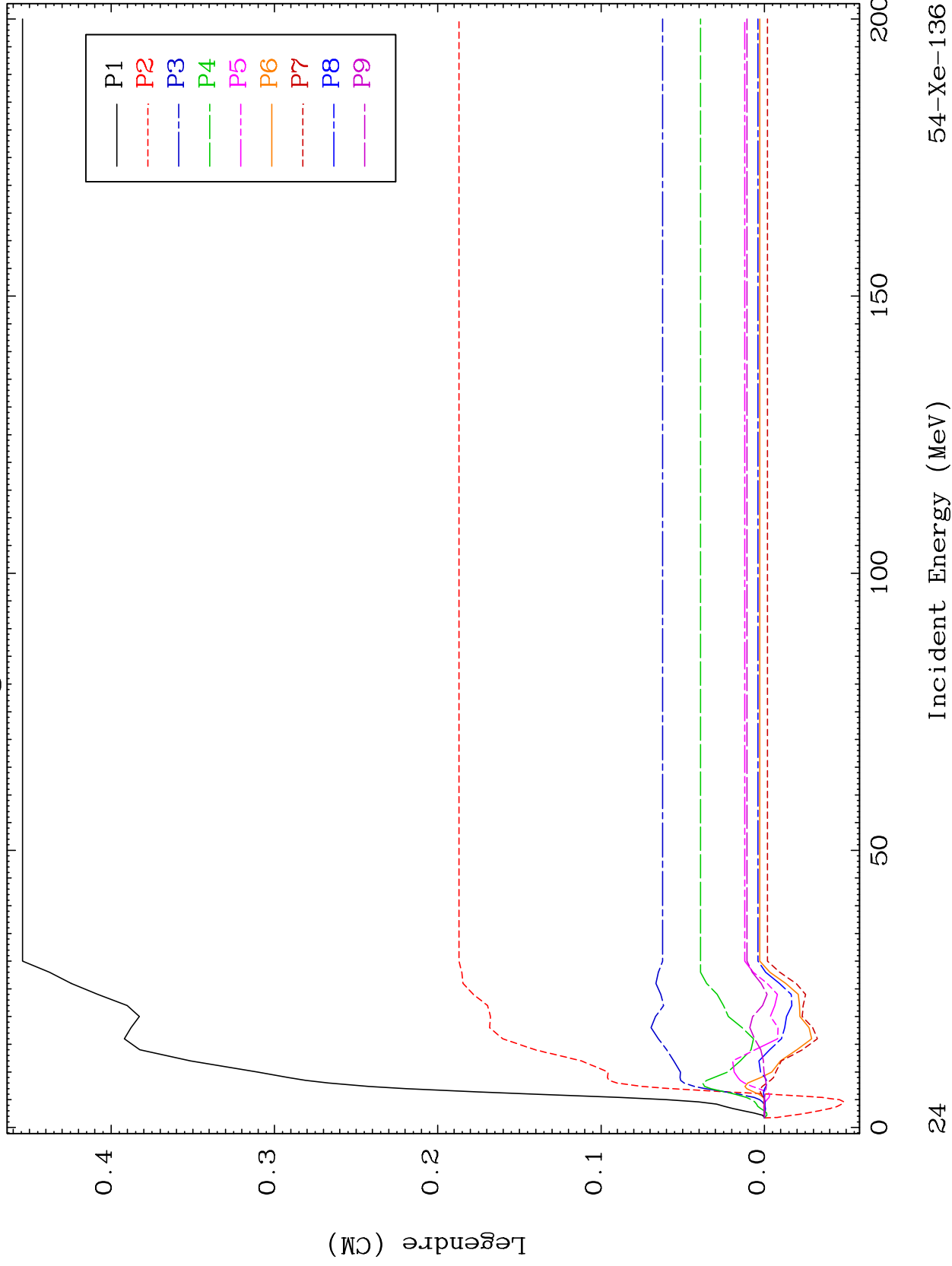


23

MAT 5461

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

54-Xe-136



54-Xe-136

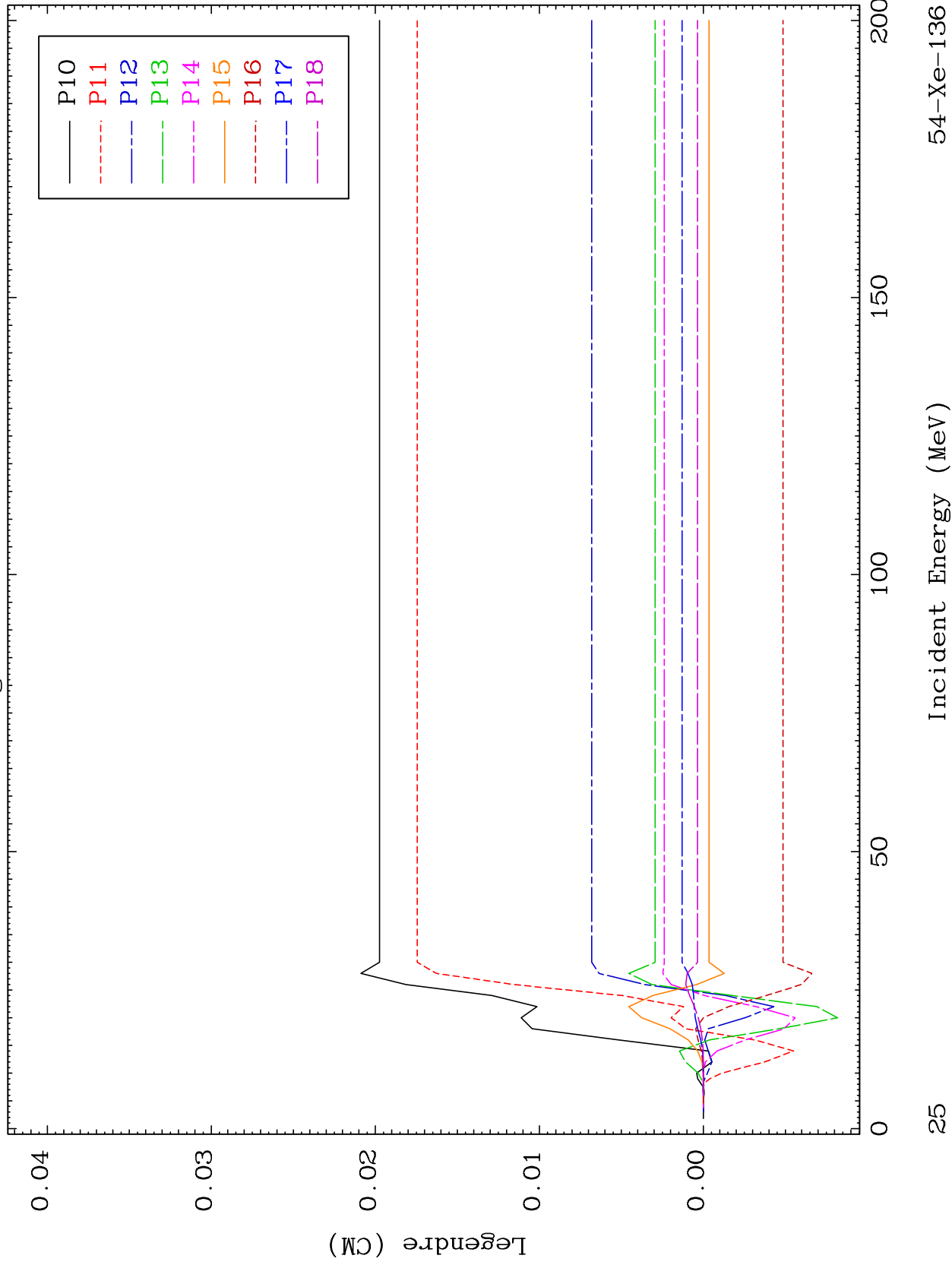
Incident Energy (MeV)

24

MAT 5461

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

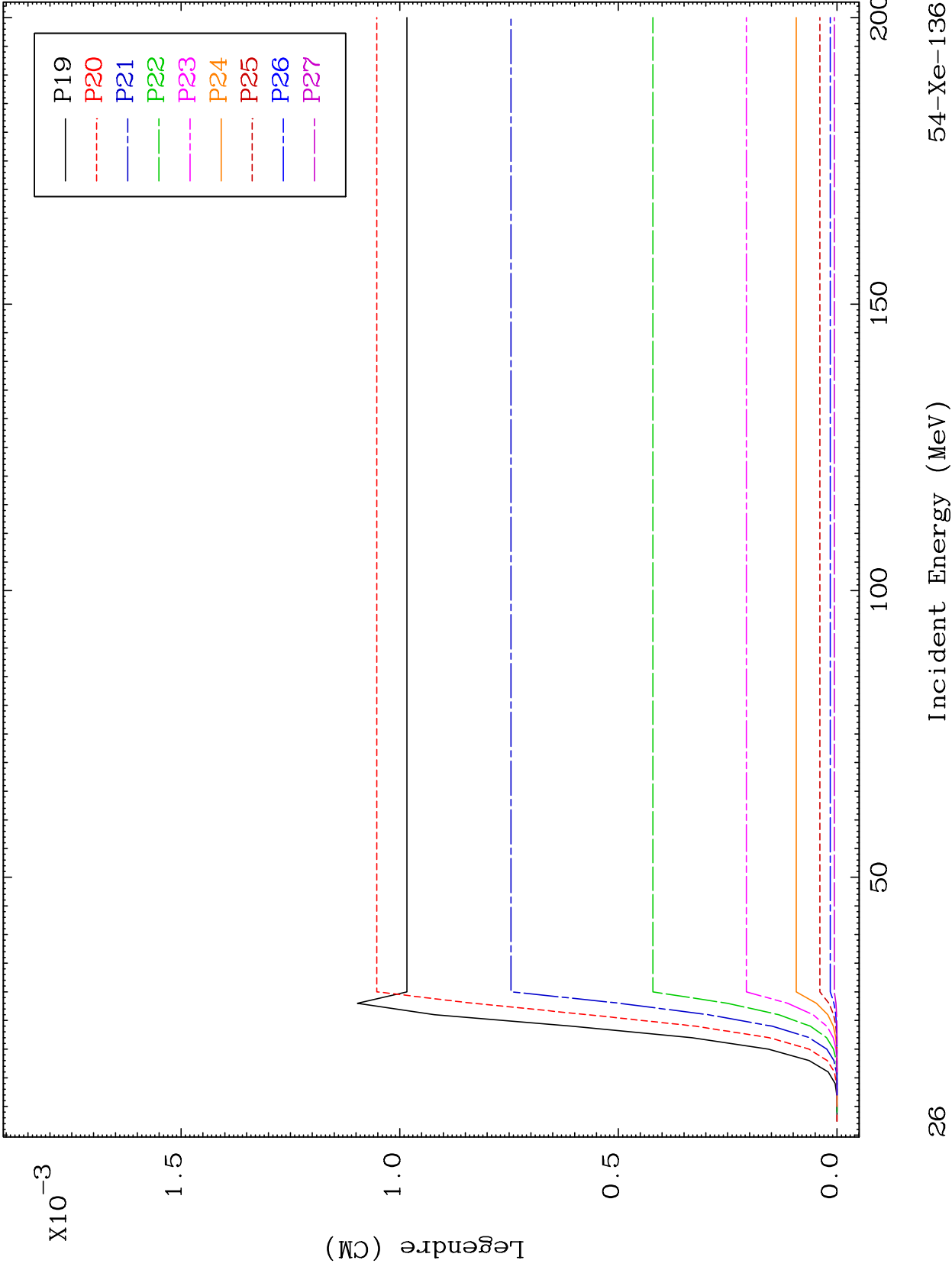
54-Xe-136



54-Xe-136

Incident Energy (MeV)

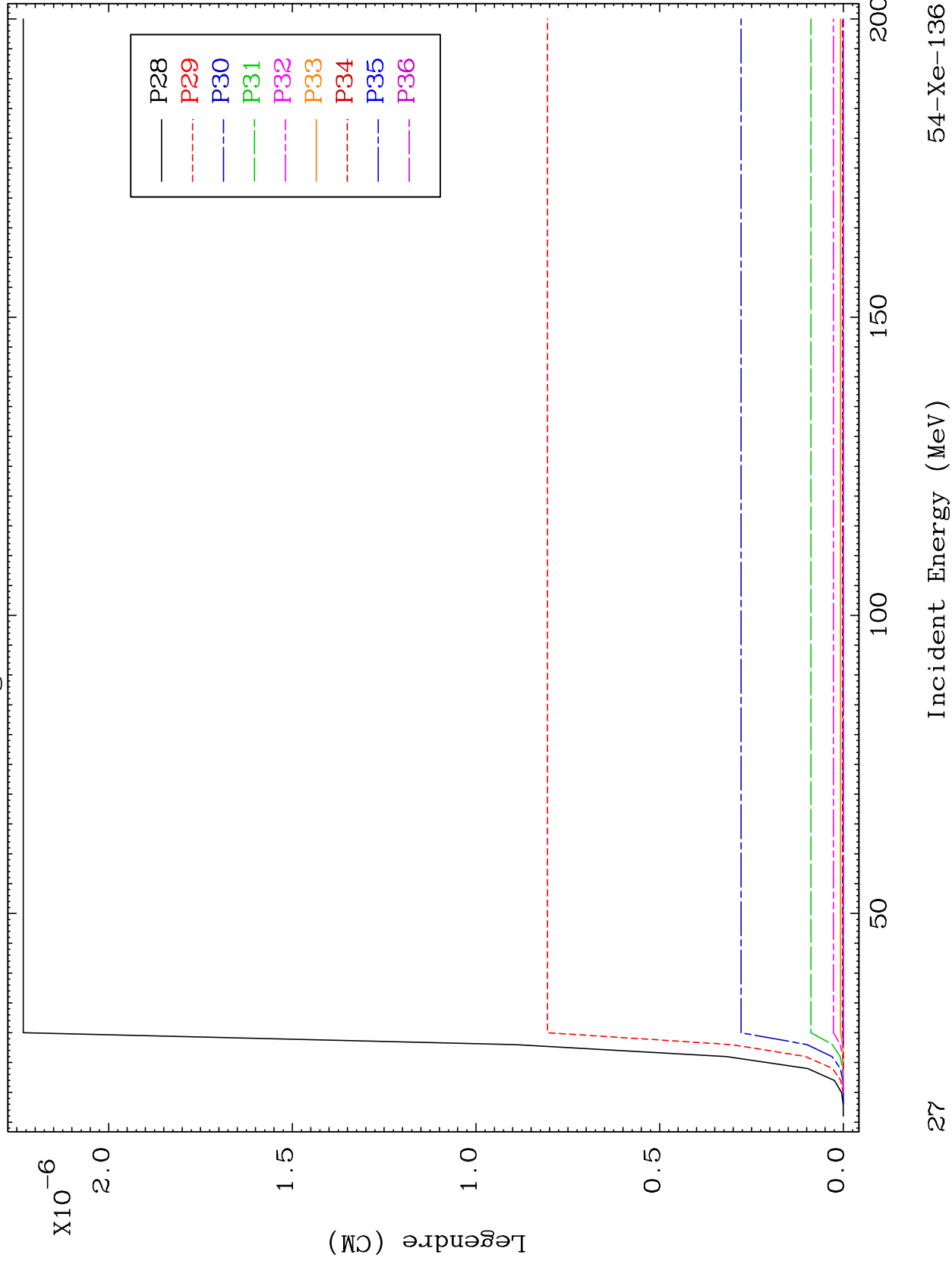
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MAT 5461

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

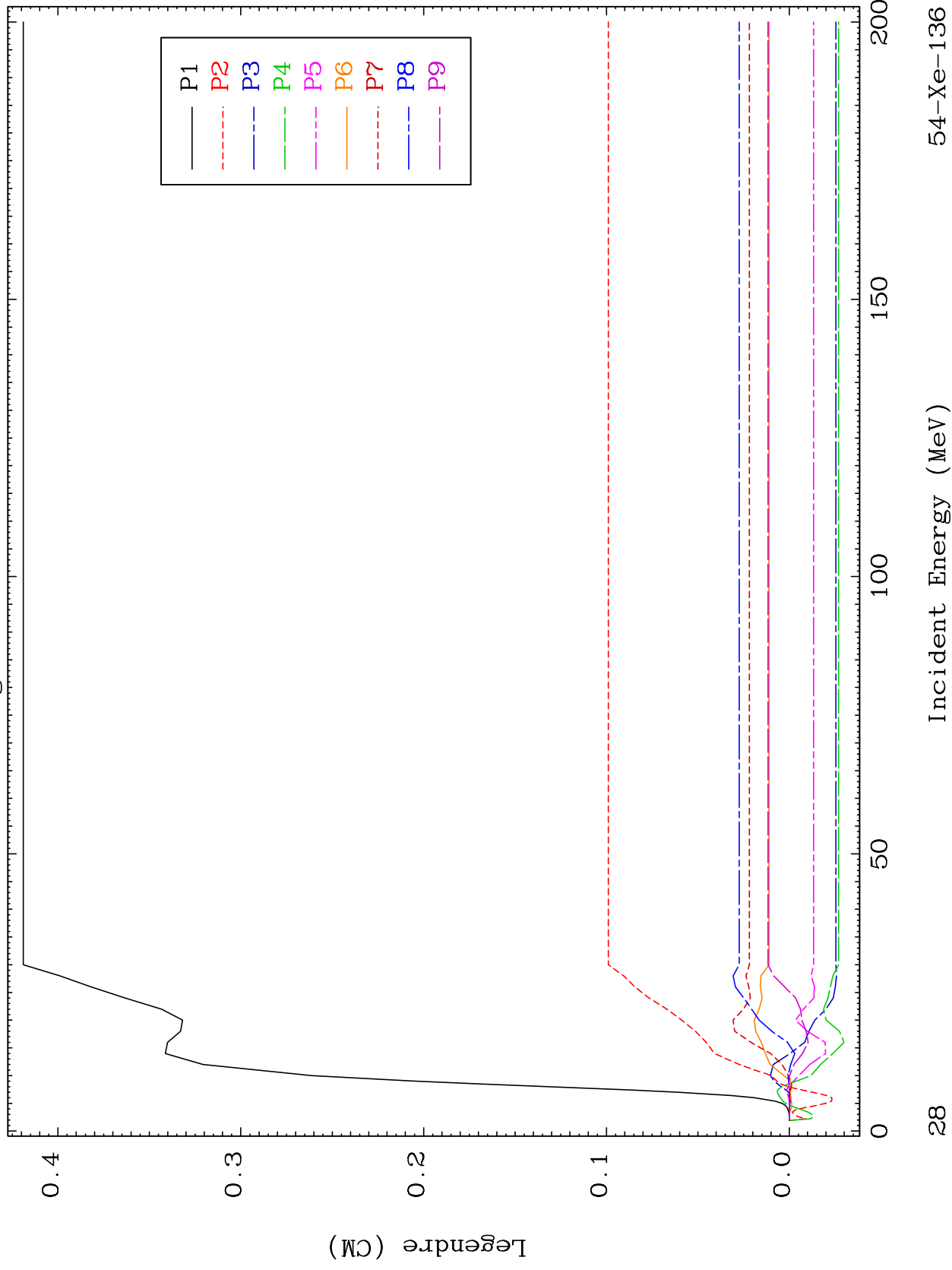
54-Xe-136



MAT 5461

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

54-Xe-136



54-Xe-136

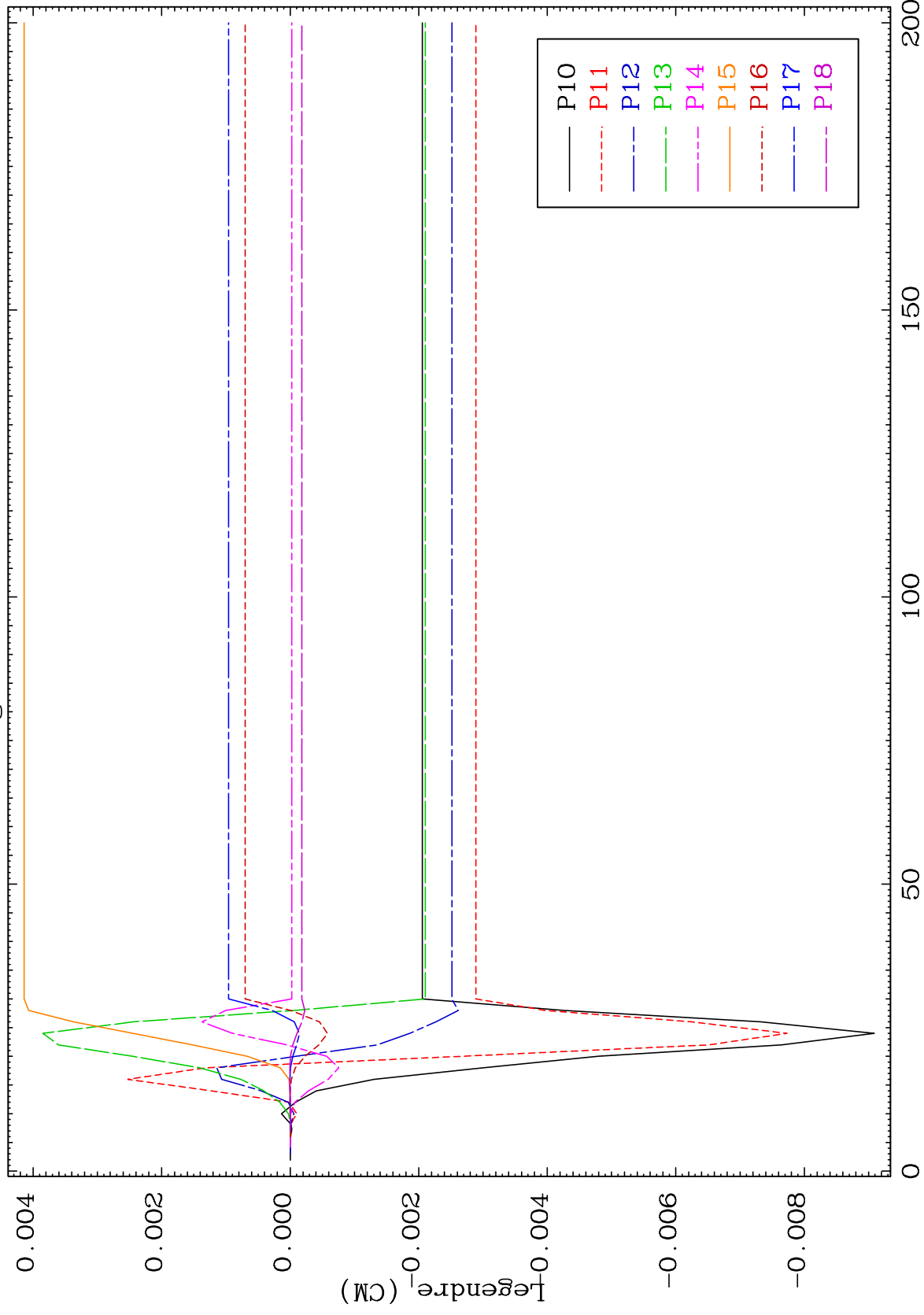
Incident Energy (MeV)

28

MAT 5461

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

54-Xe-136



29

Incident Energy (MeV)

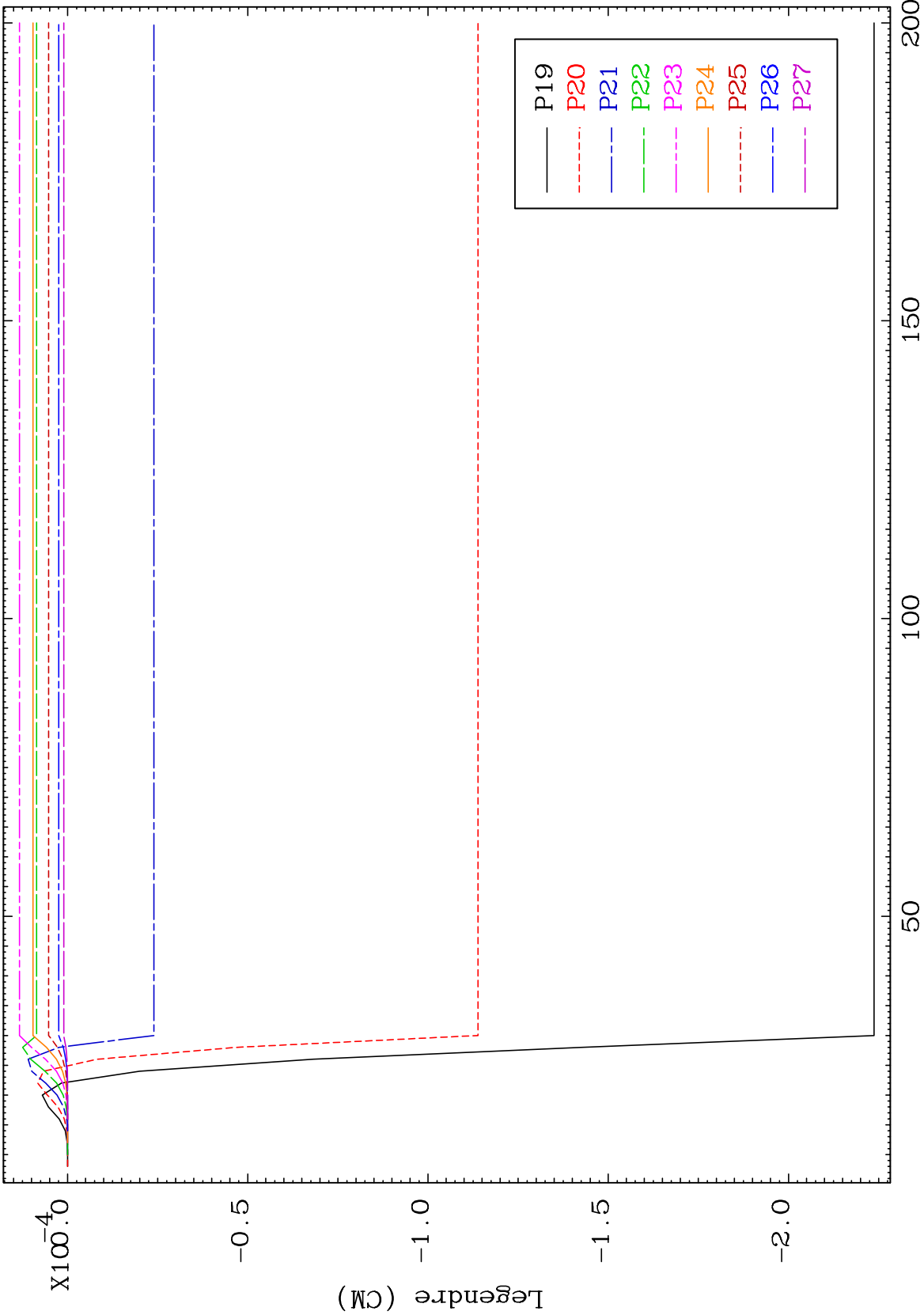
54-Xe-136

MAT 5461

MT= 53 (n,n') Level

54-Xe-136

Legendre Coefficients



54-Xe-136

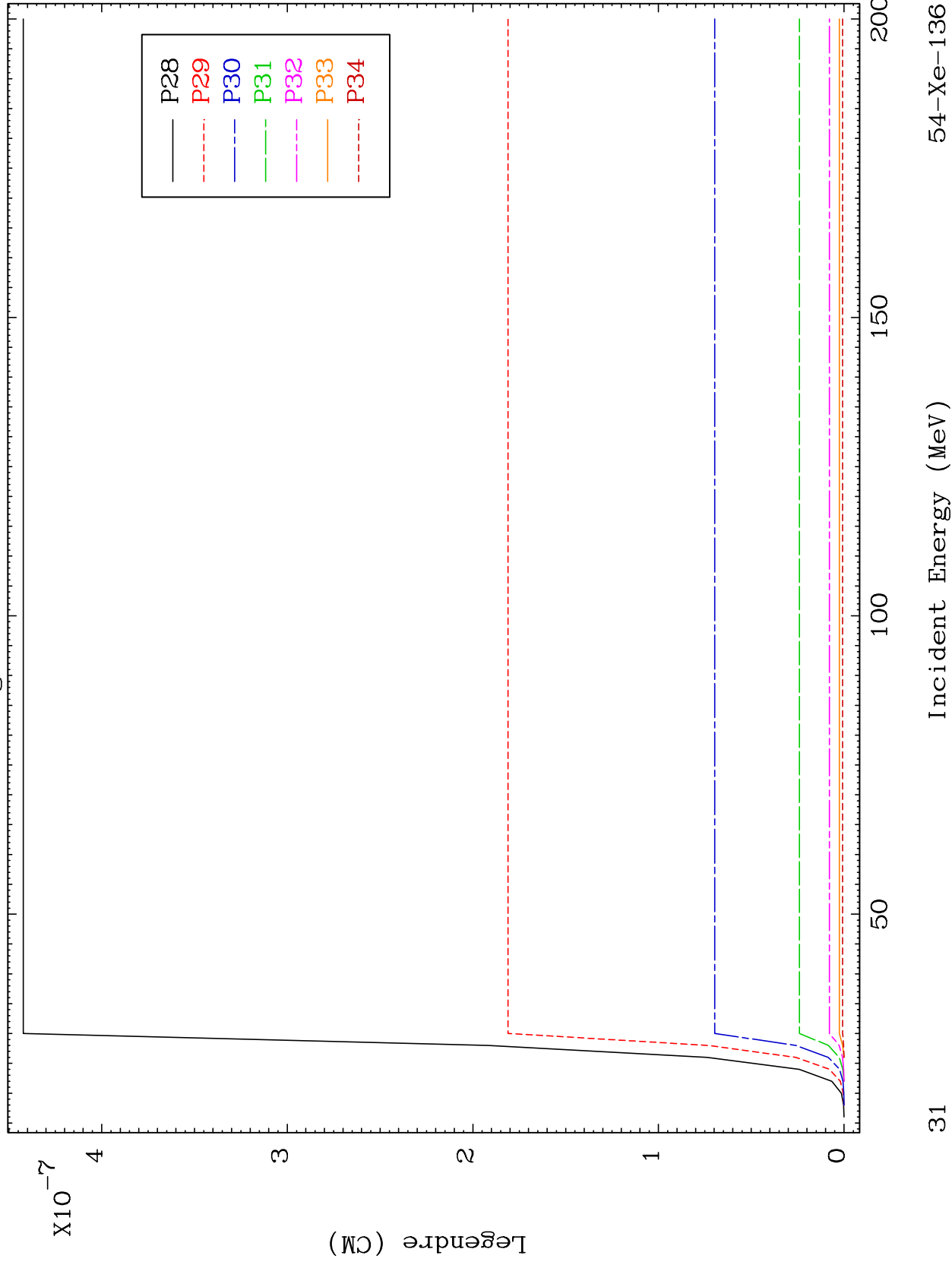
Incident Energy (MeV)

30

MAT 5461

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

54-Xe-136



31

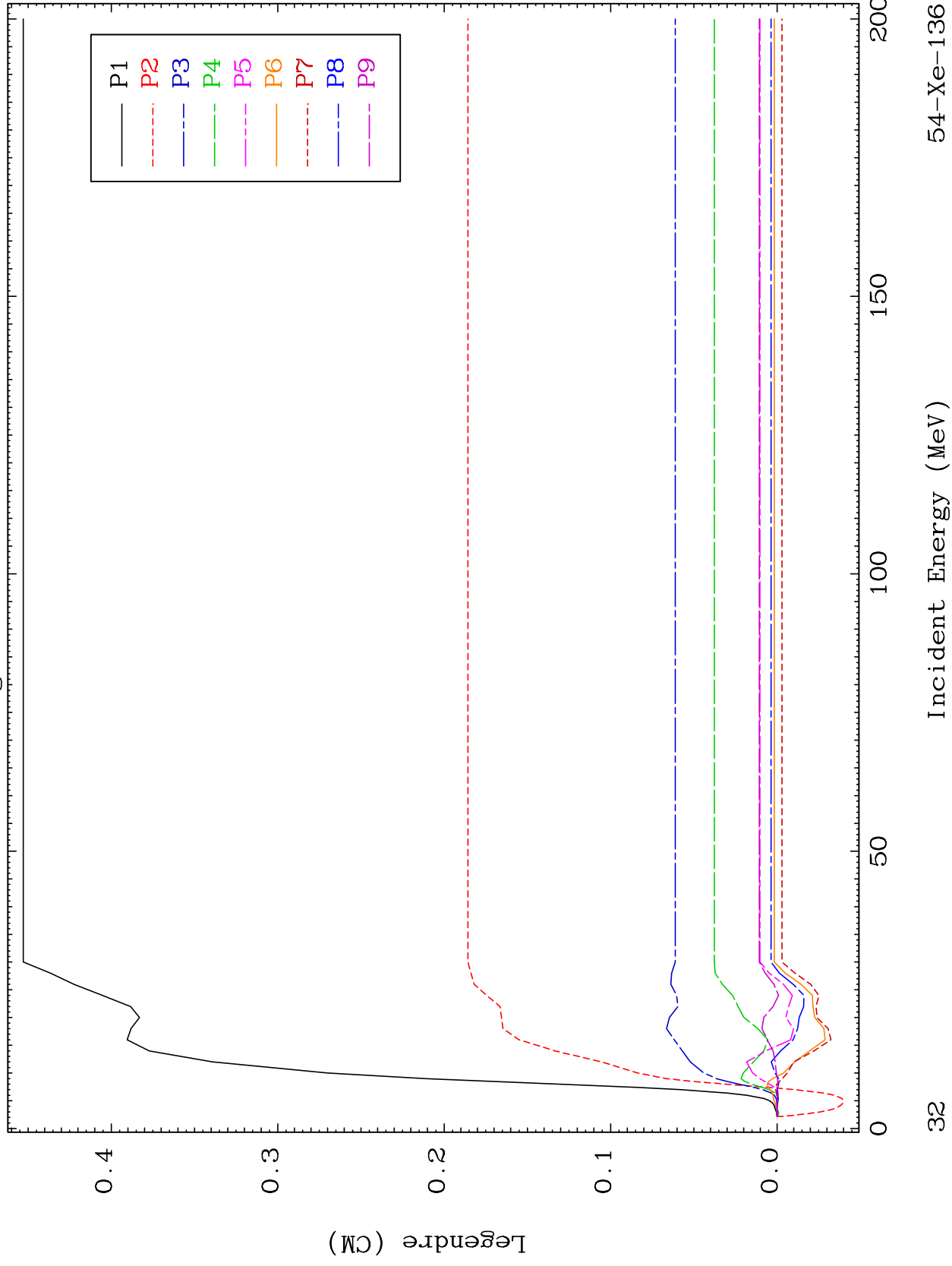
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



54-Xe-136

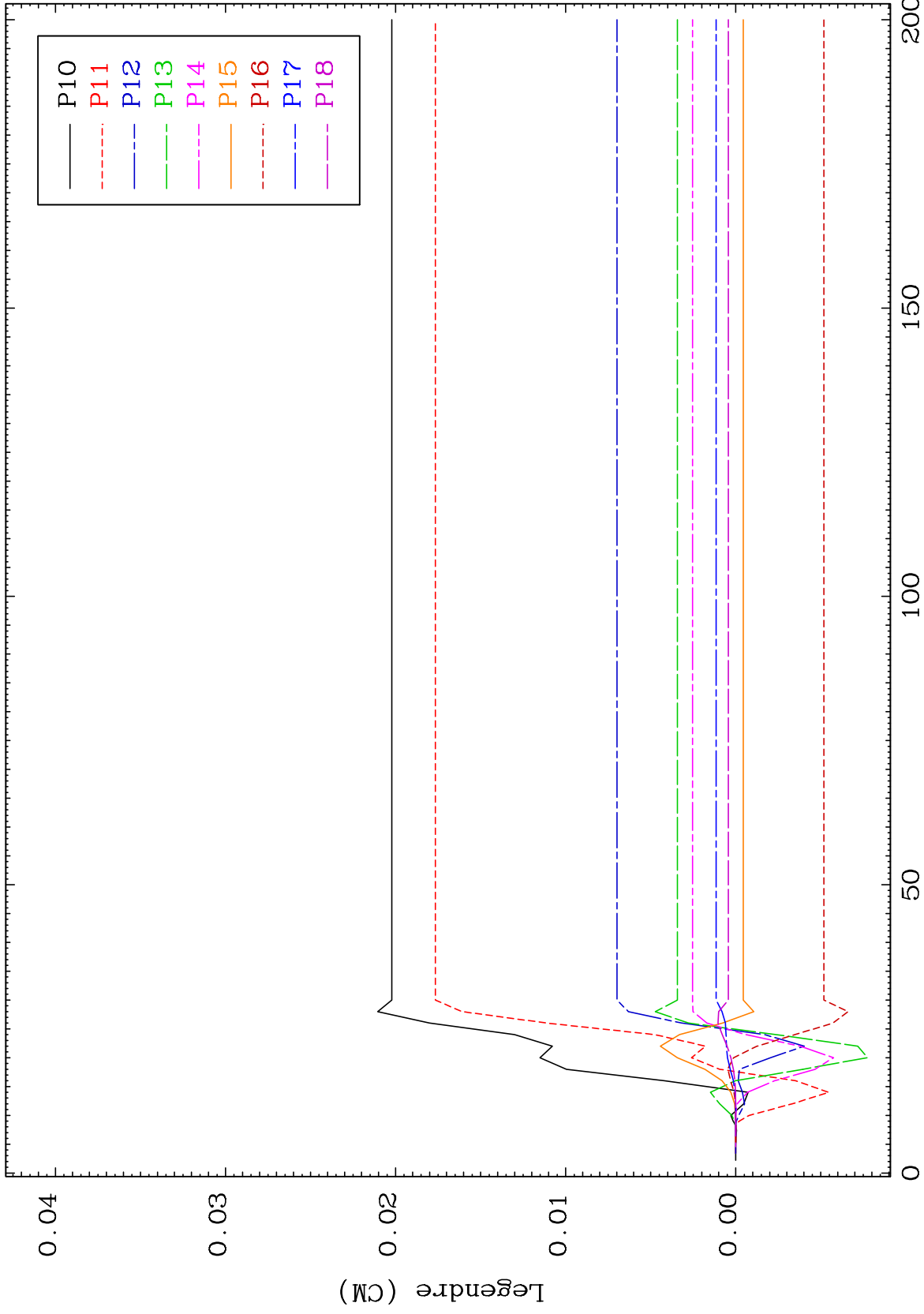
Incident Energy (MeV)

32

MAT 5461

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

54-Xe-136



33

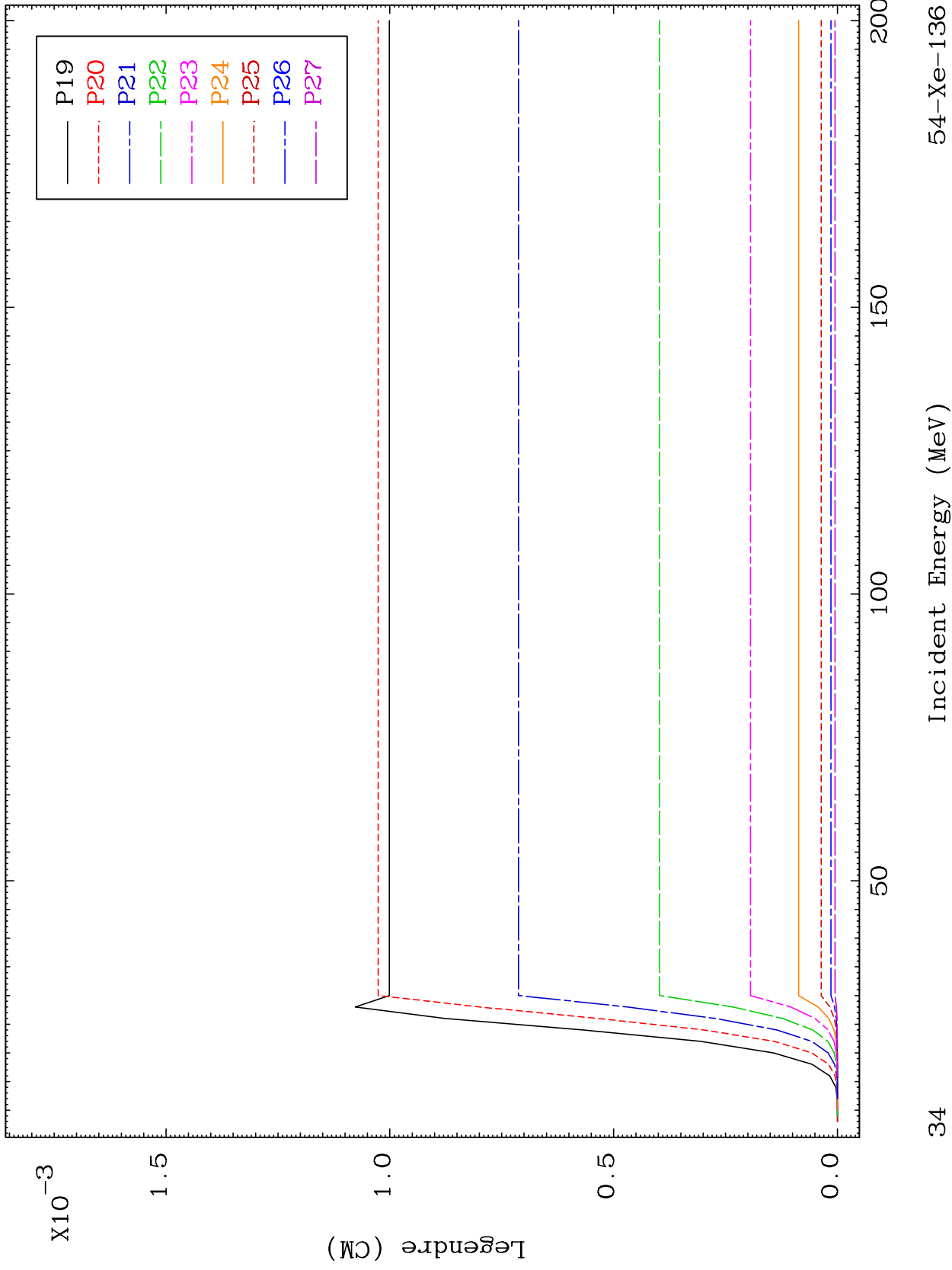
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



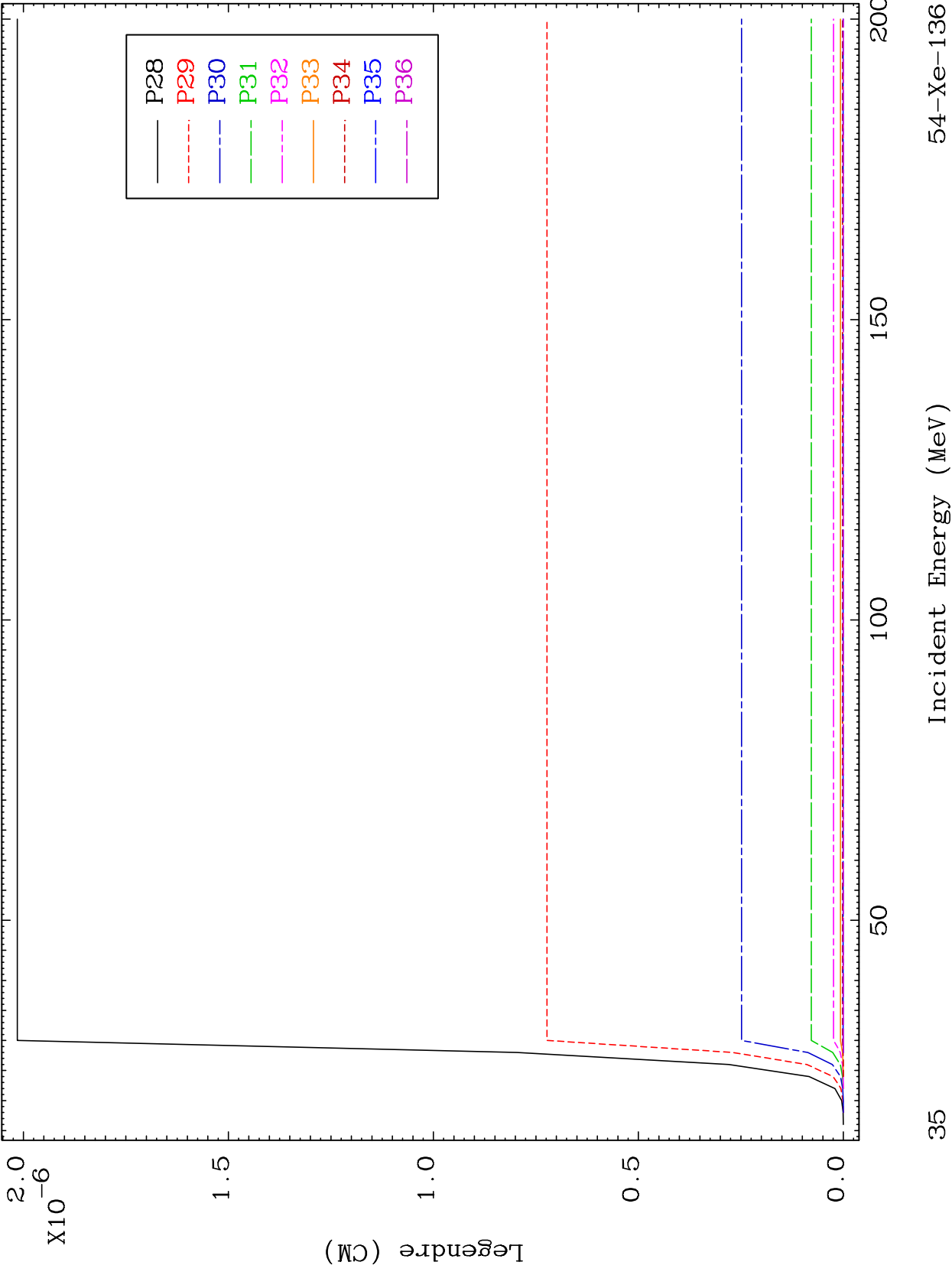
34

200

MAT 5461

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

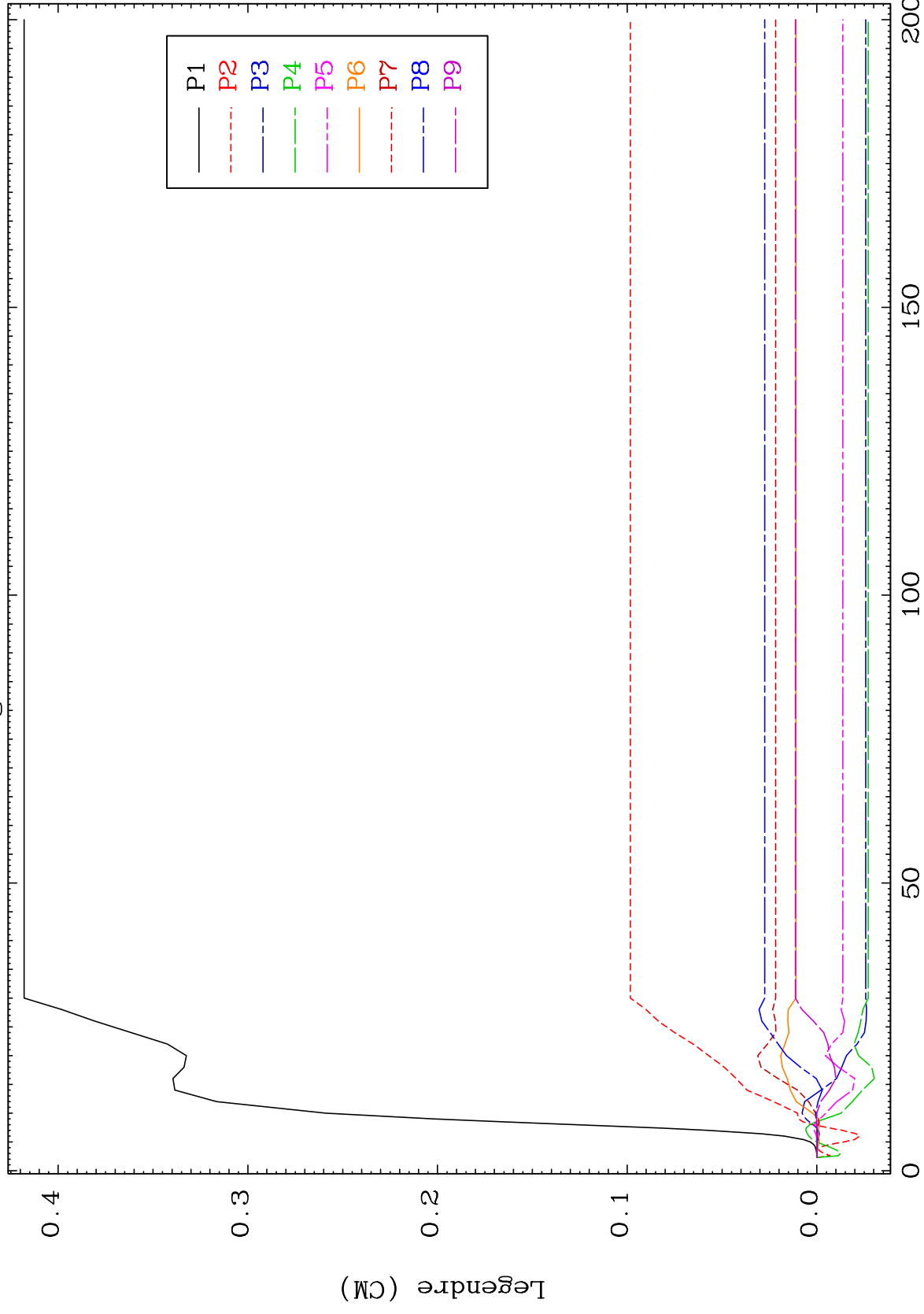
54-Xe-136



MAT 5461

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

54-Xe-136



36

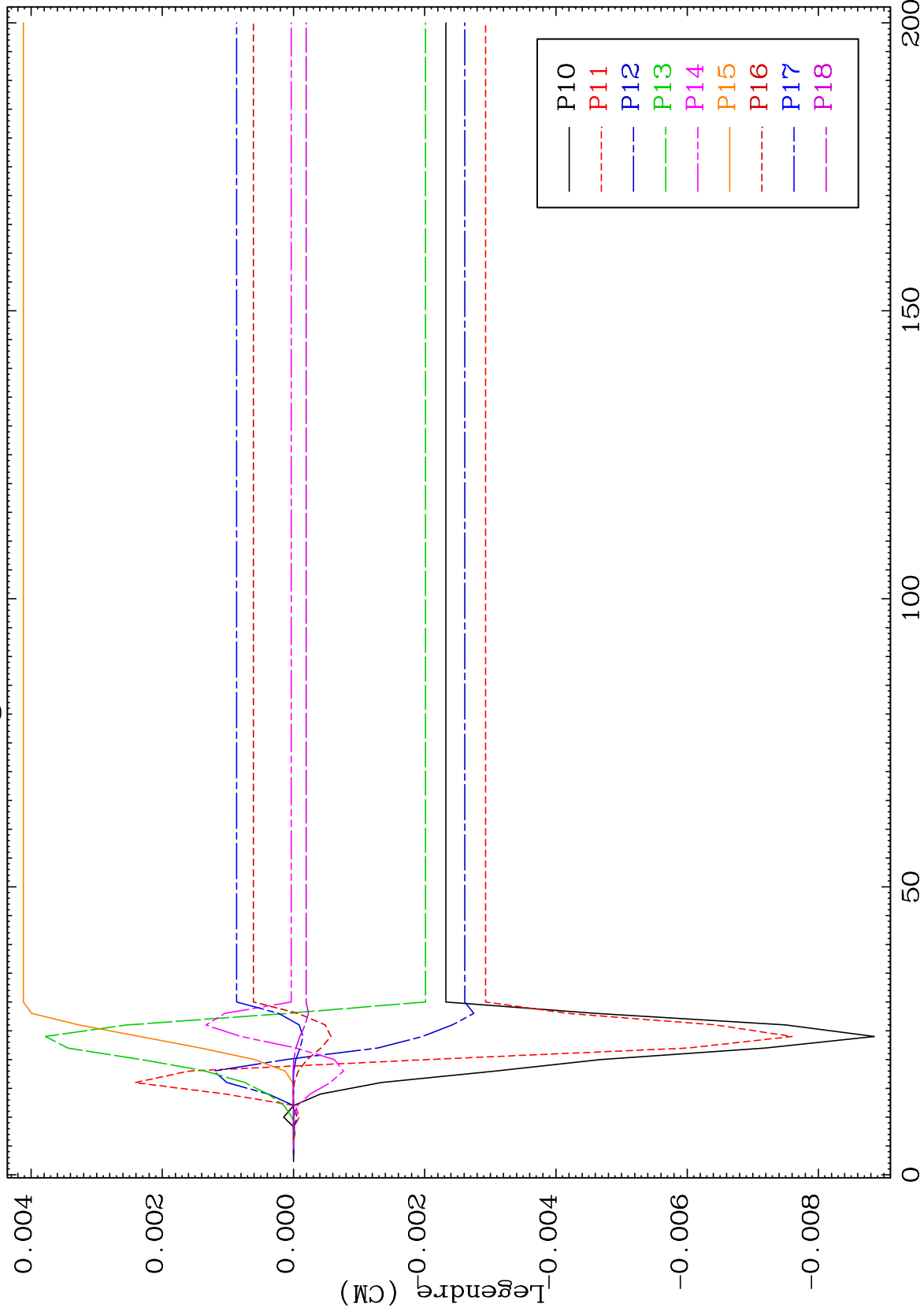
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



37

Incident Energy (MeV)

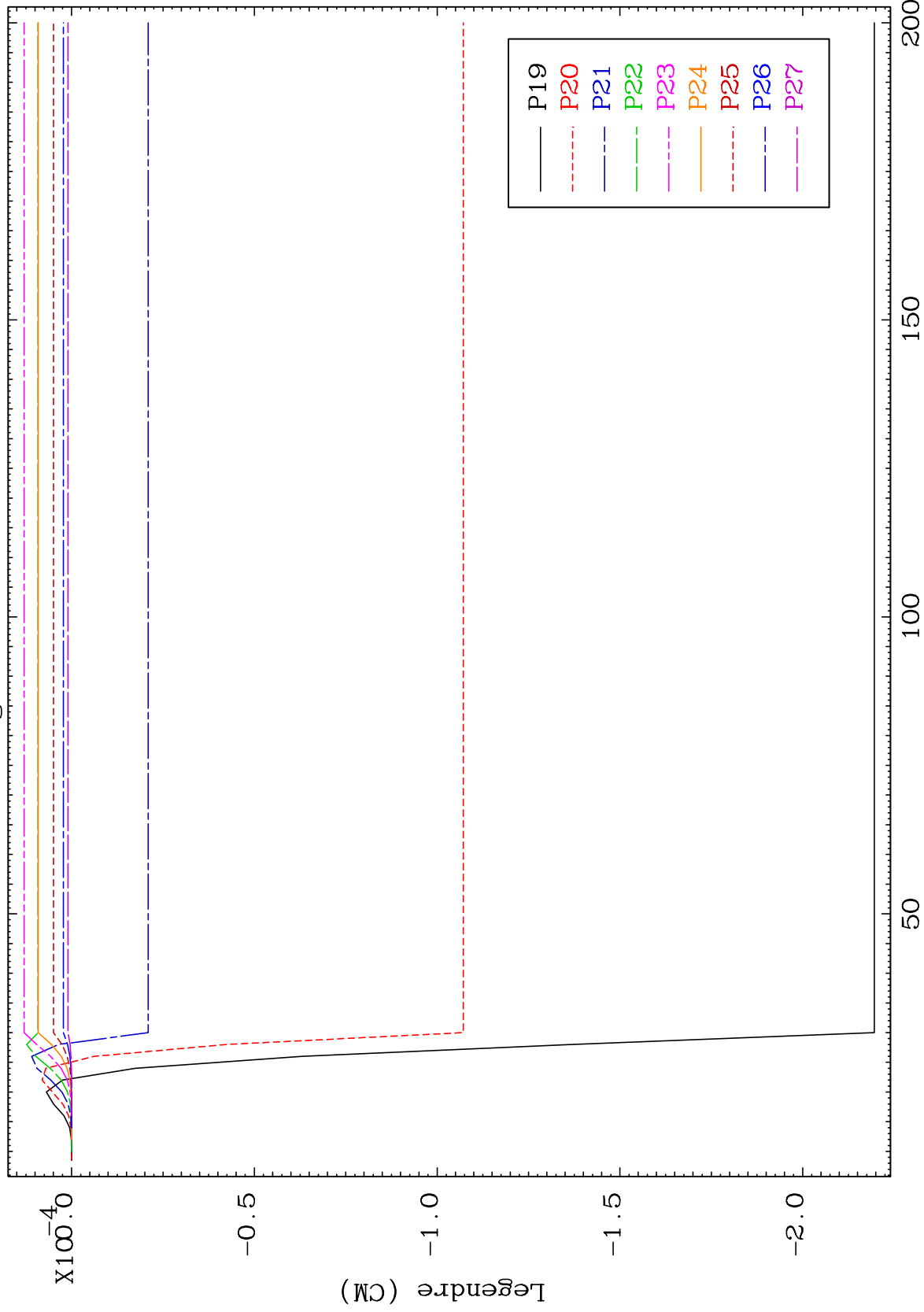
54-Xe-136

MAT 5461

MT= 55 (n,n') Level

54-Xe-136

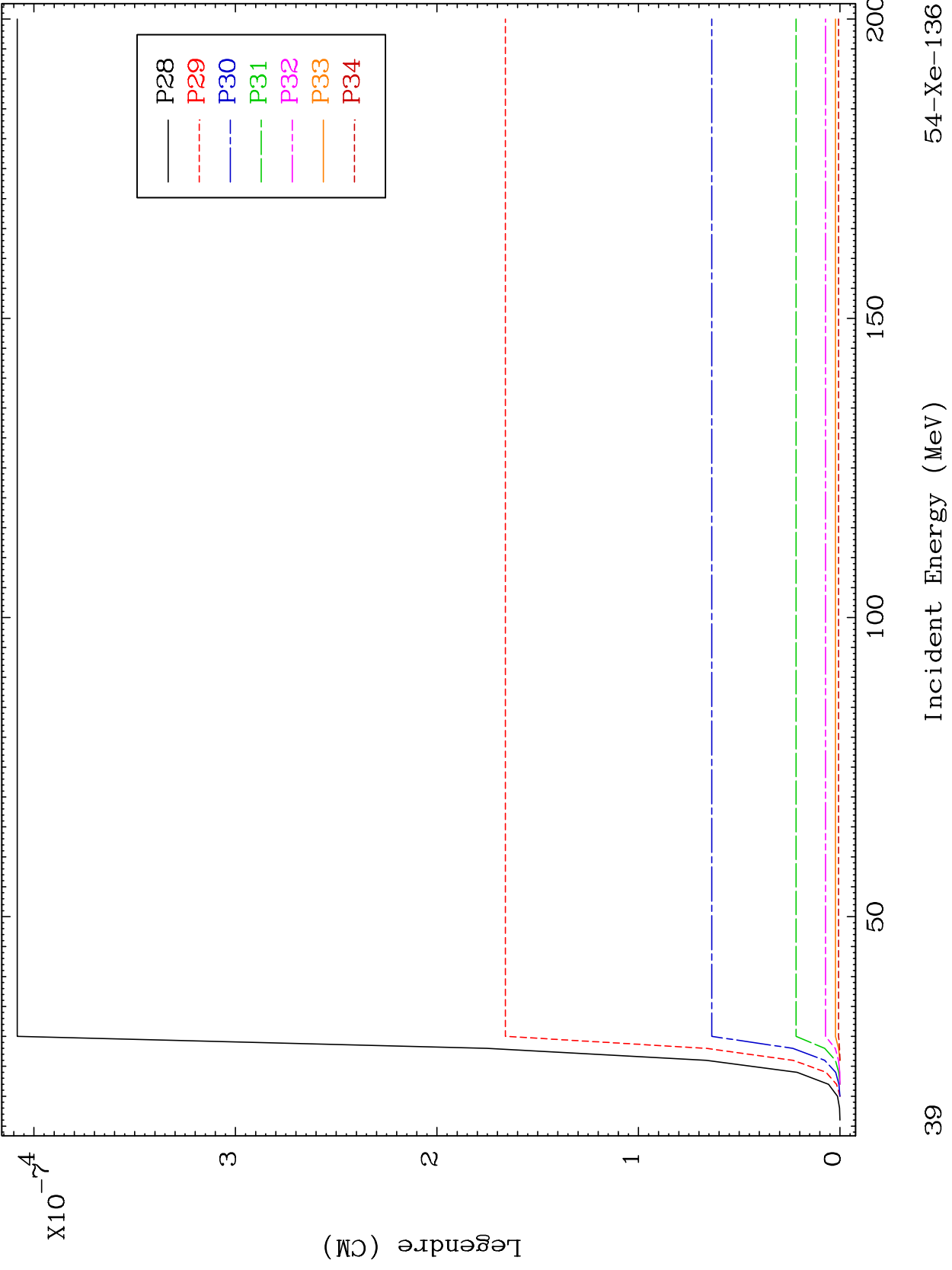
Legendre Coefficients



MAT 5461

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

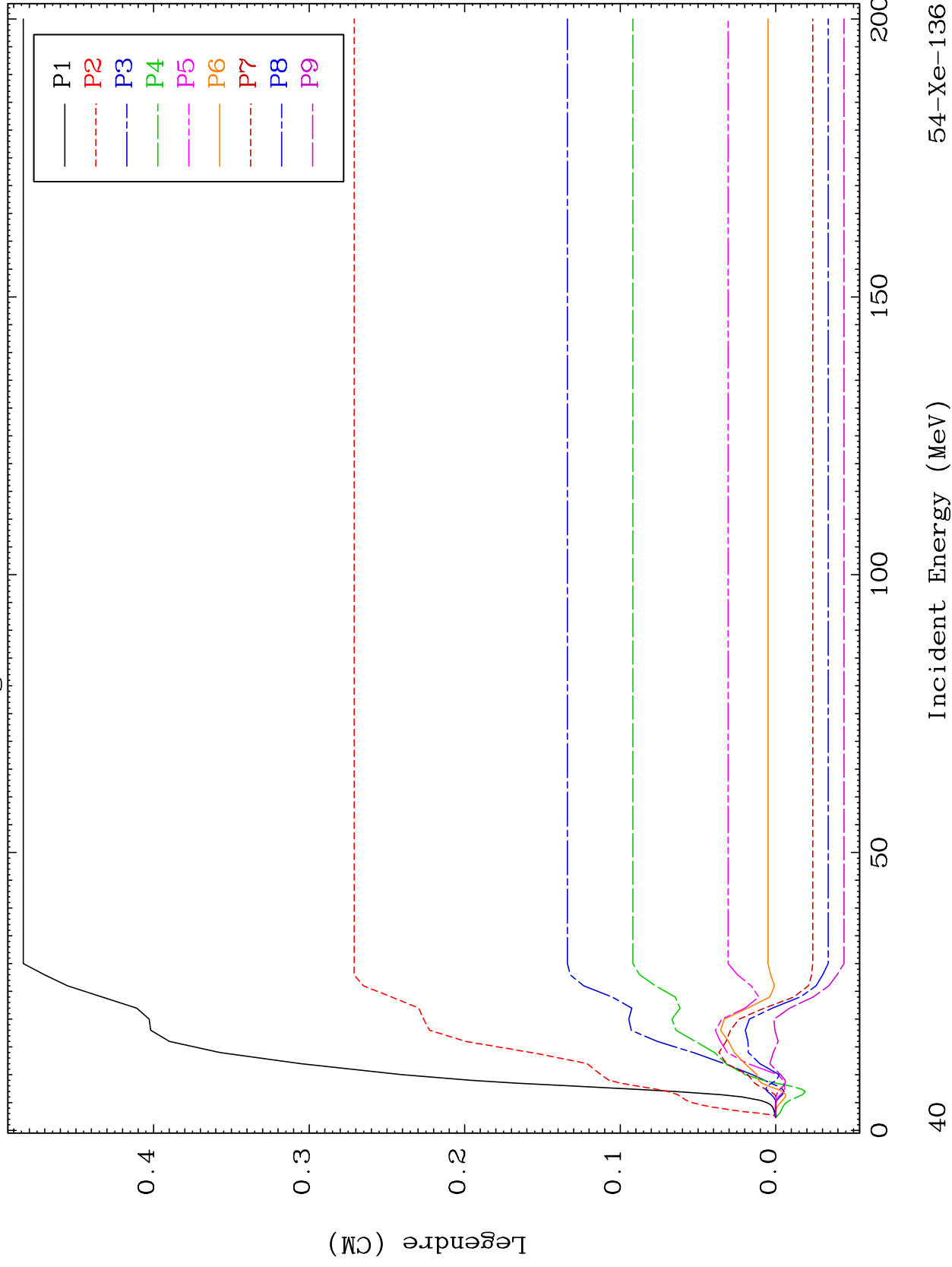
54-Xe-136



MAT 5461

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

54-Xe-136



54-Xe-136

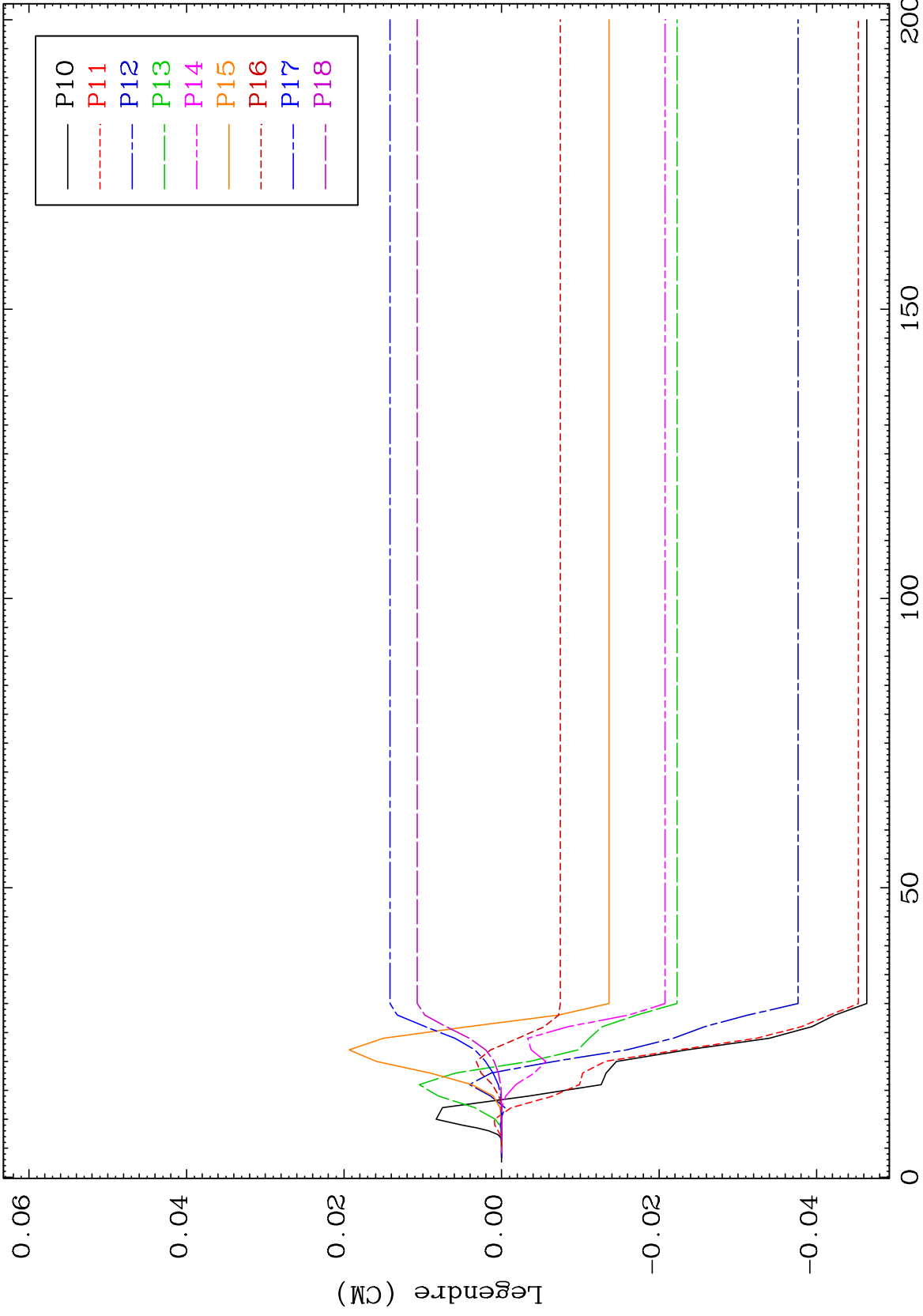
Incident Energy (MeV)

40

MAT 5461

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

54-Xe-136



41

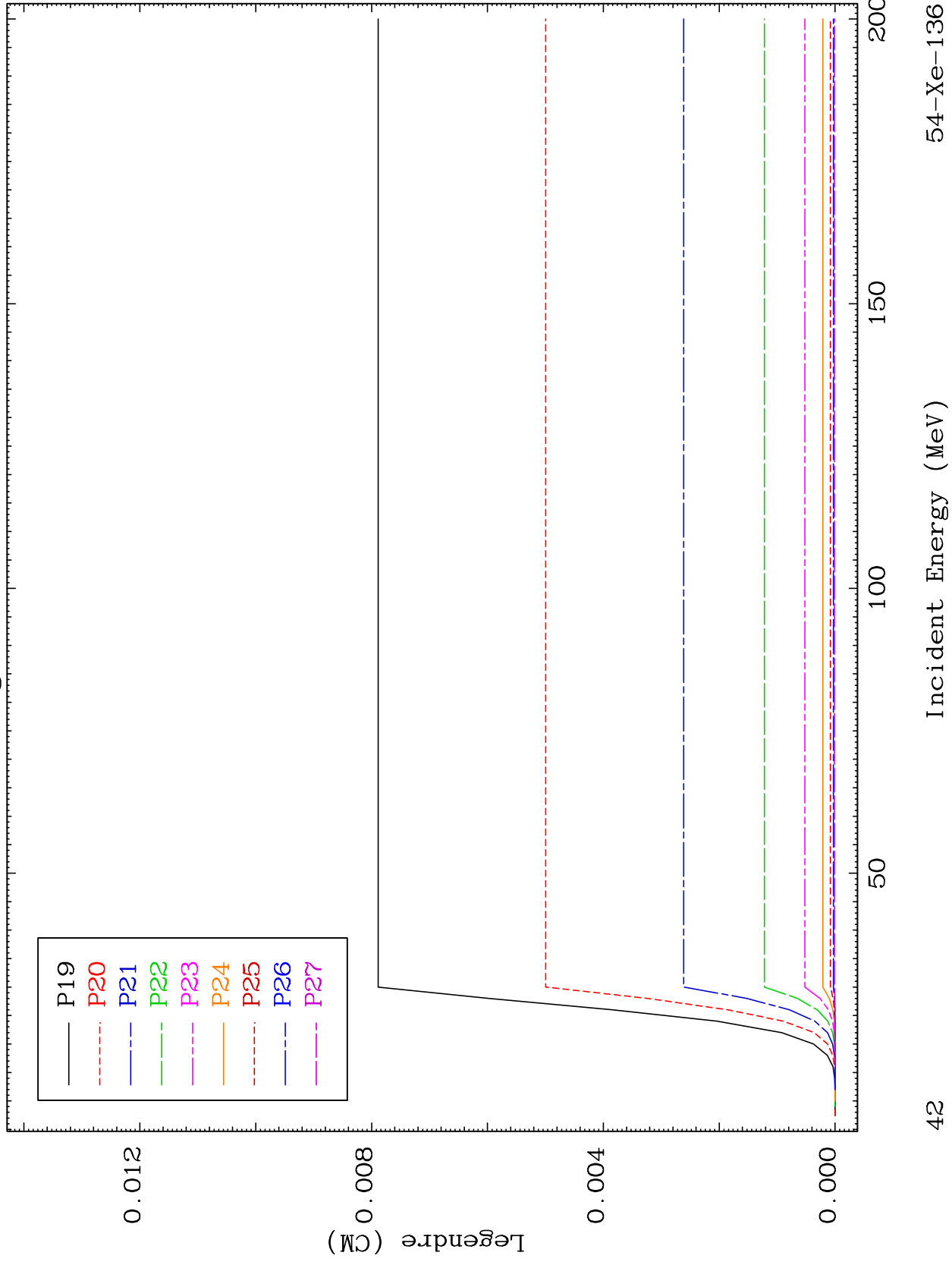
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



42

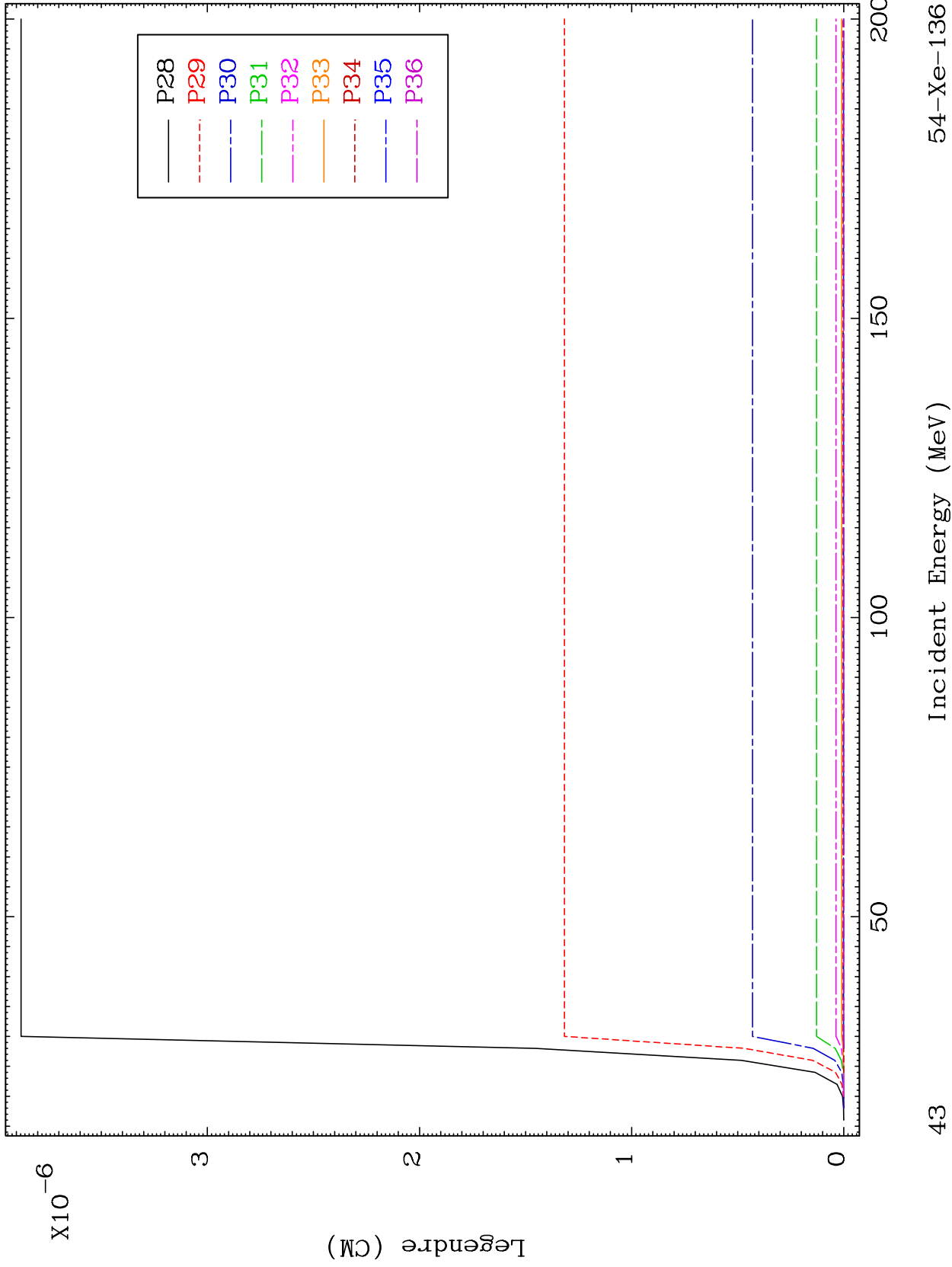
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

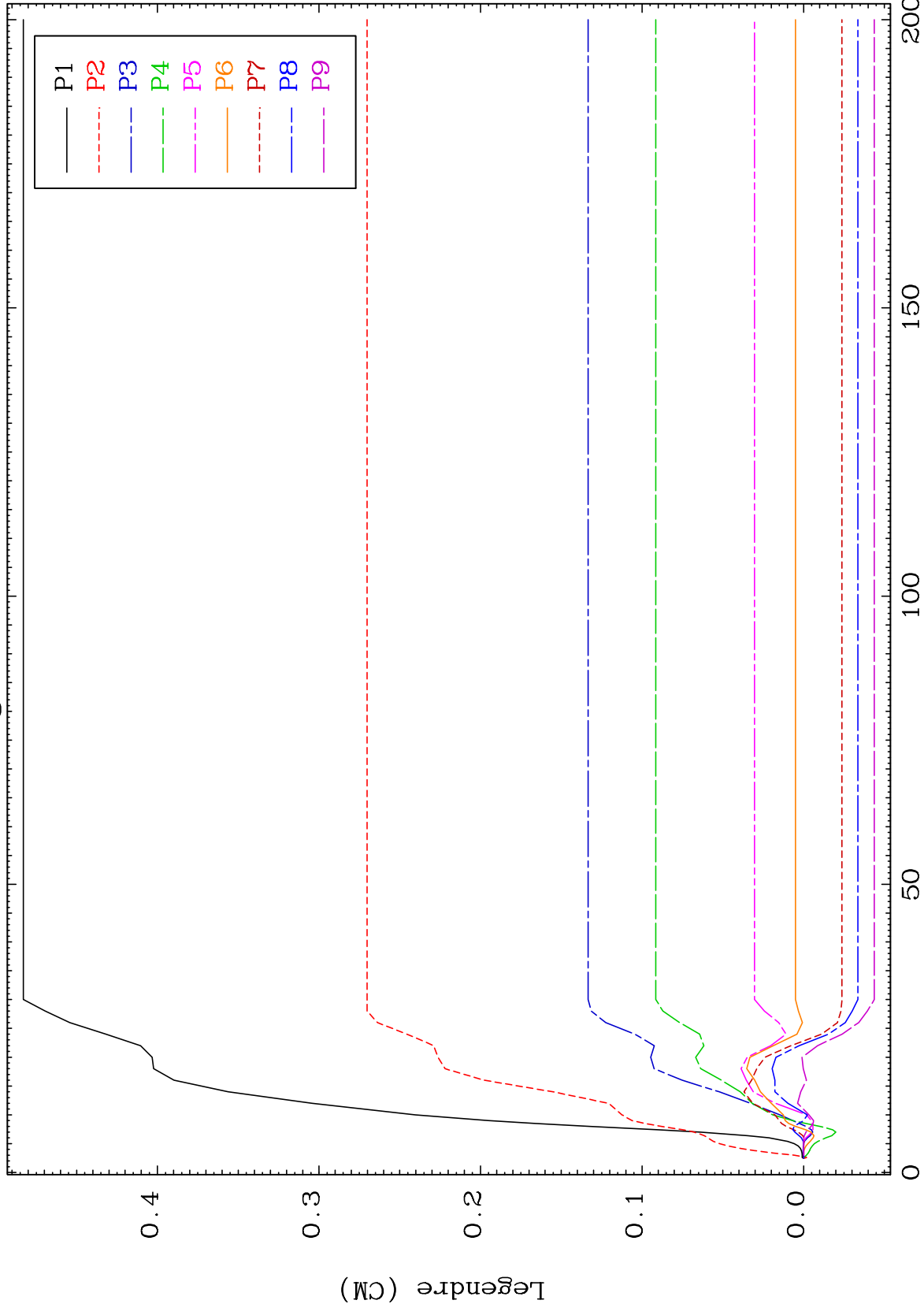
54-Xe-136



MAT 5461

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

54-Xe-136



44

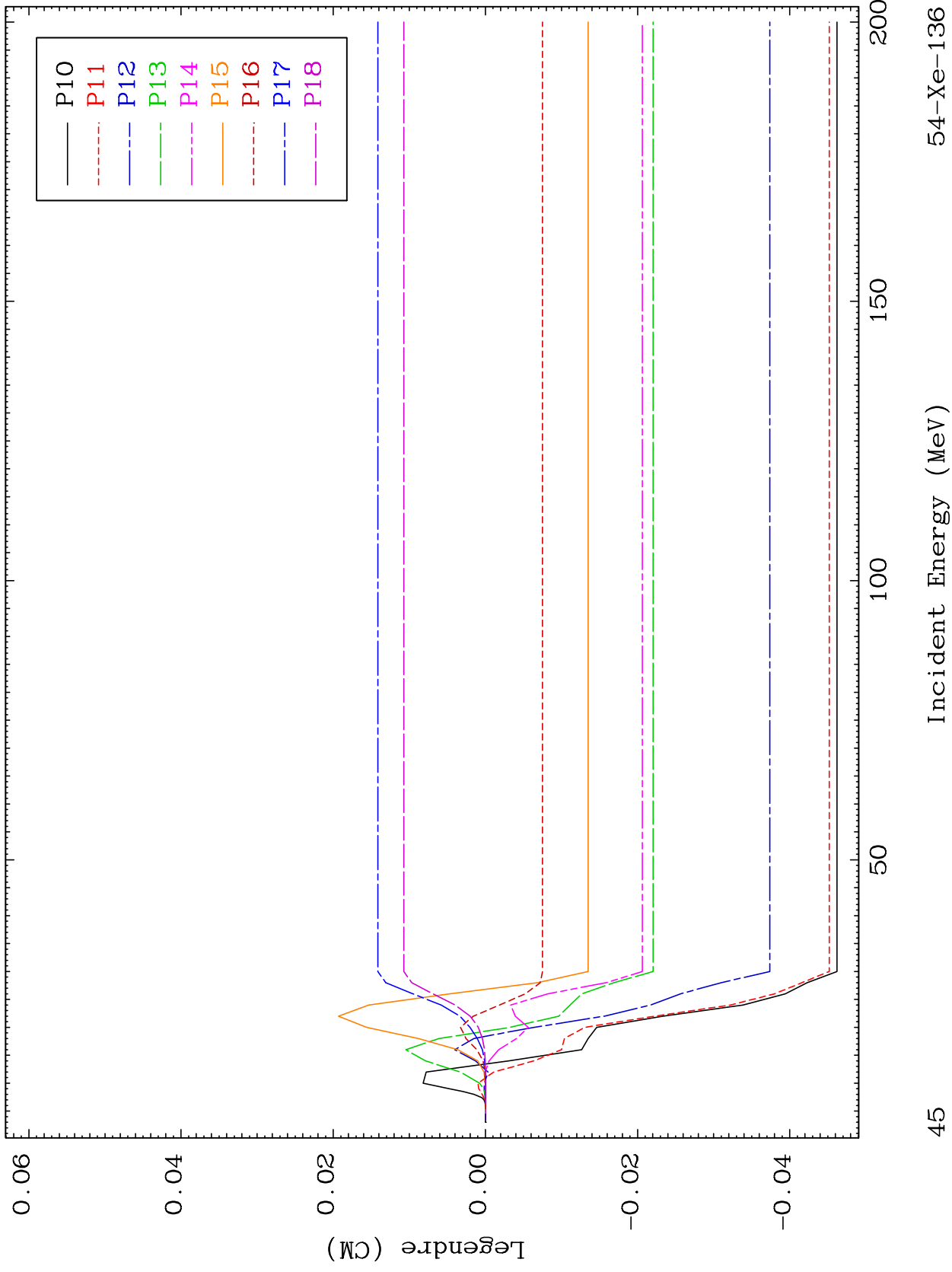
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



54-Xe-136

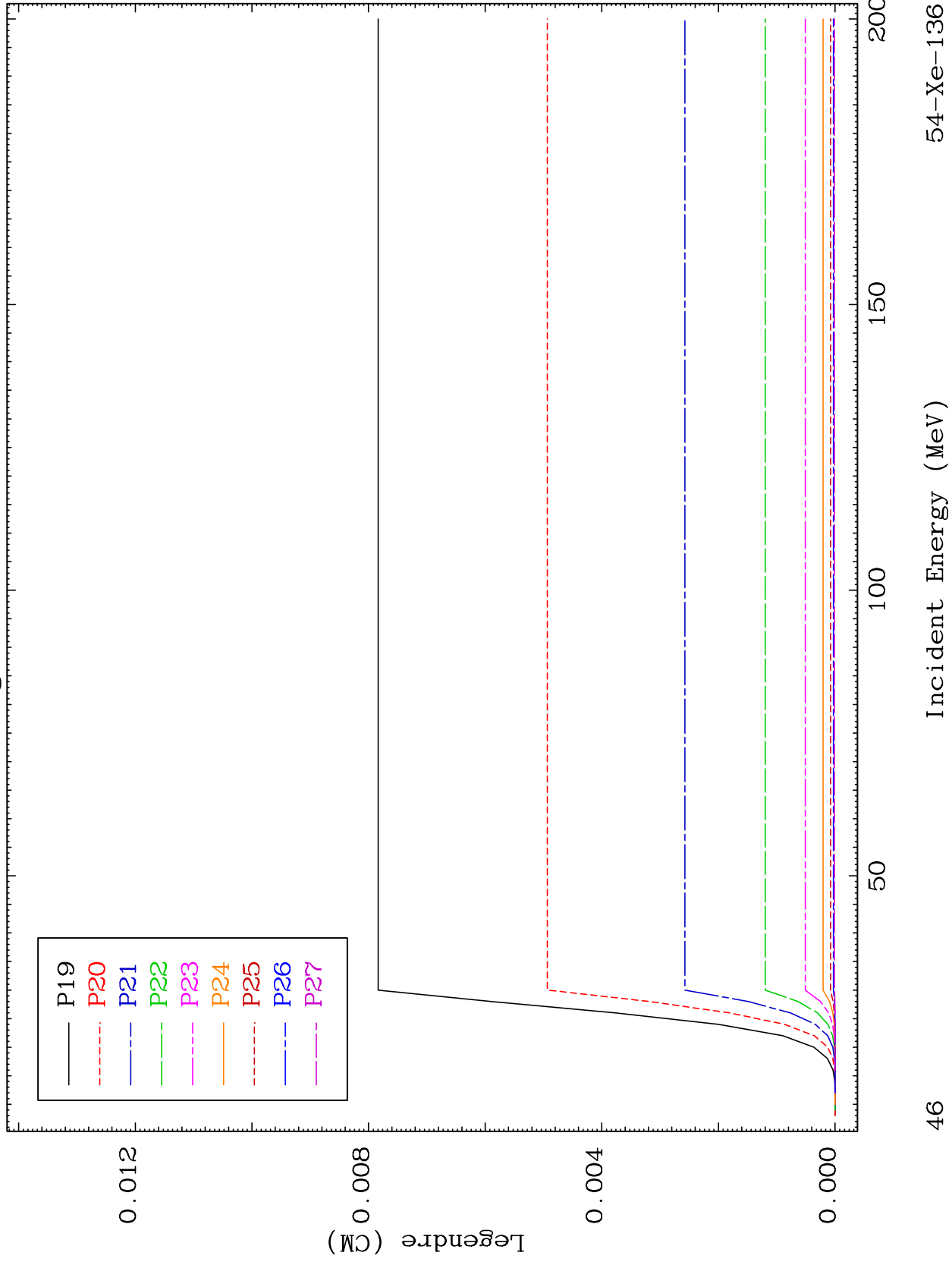
Incident Energy (MeV)

45

MAT 5461

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

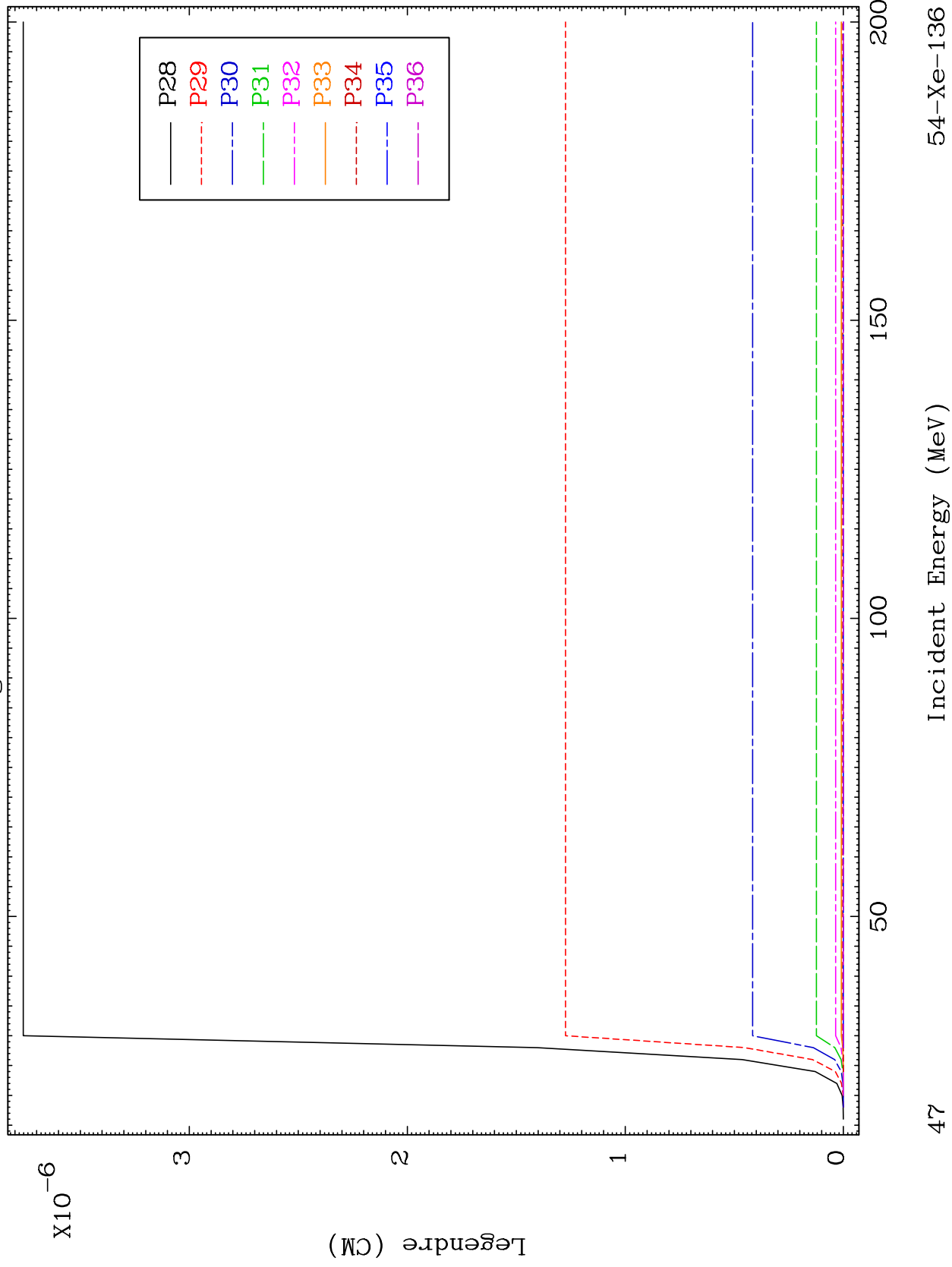
54-Xe-136



MAT 5461

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

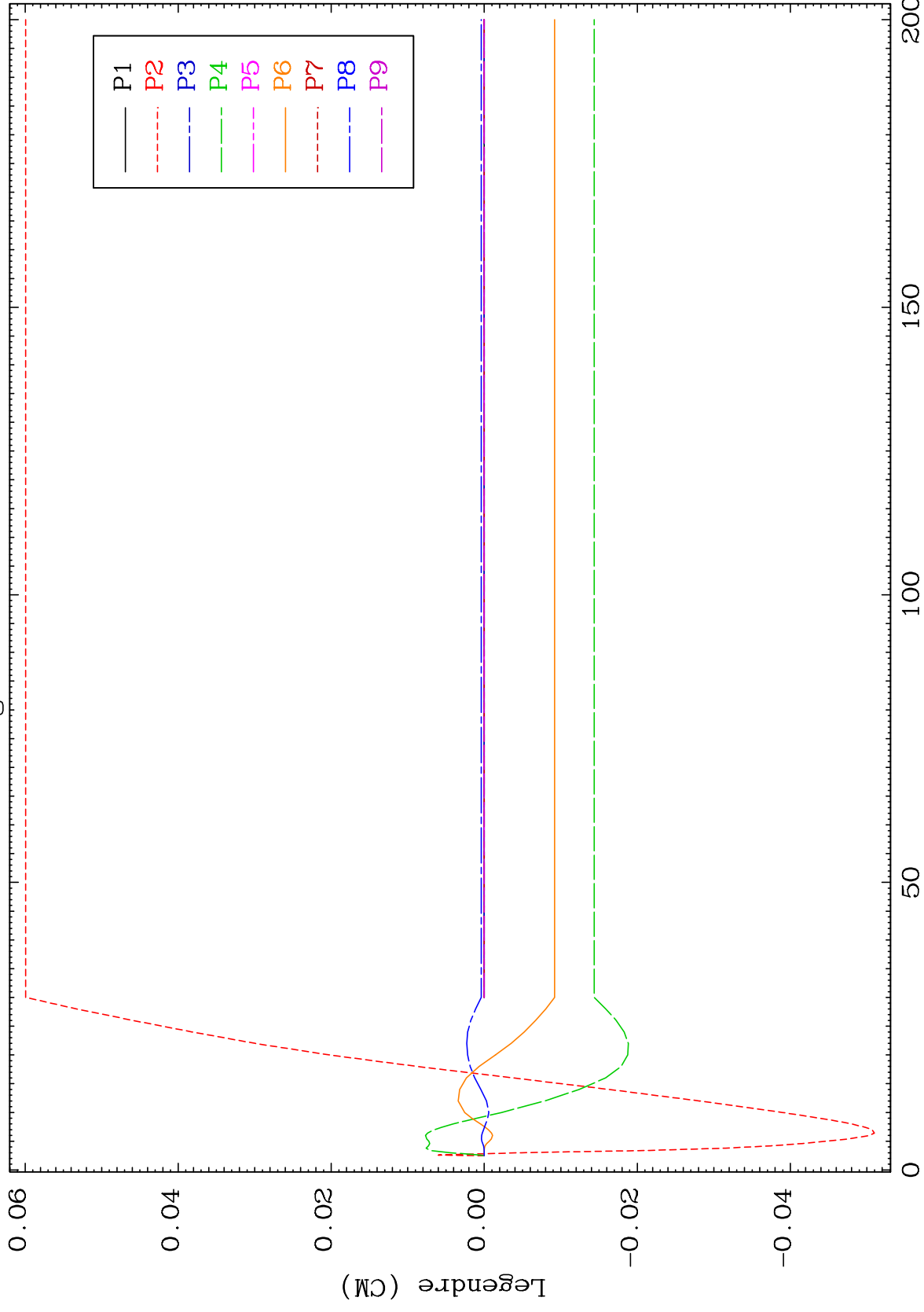
54-Xe-136



MAT 5461

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

54-Xe-136



48

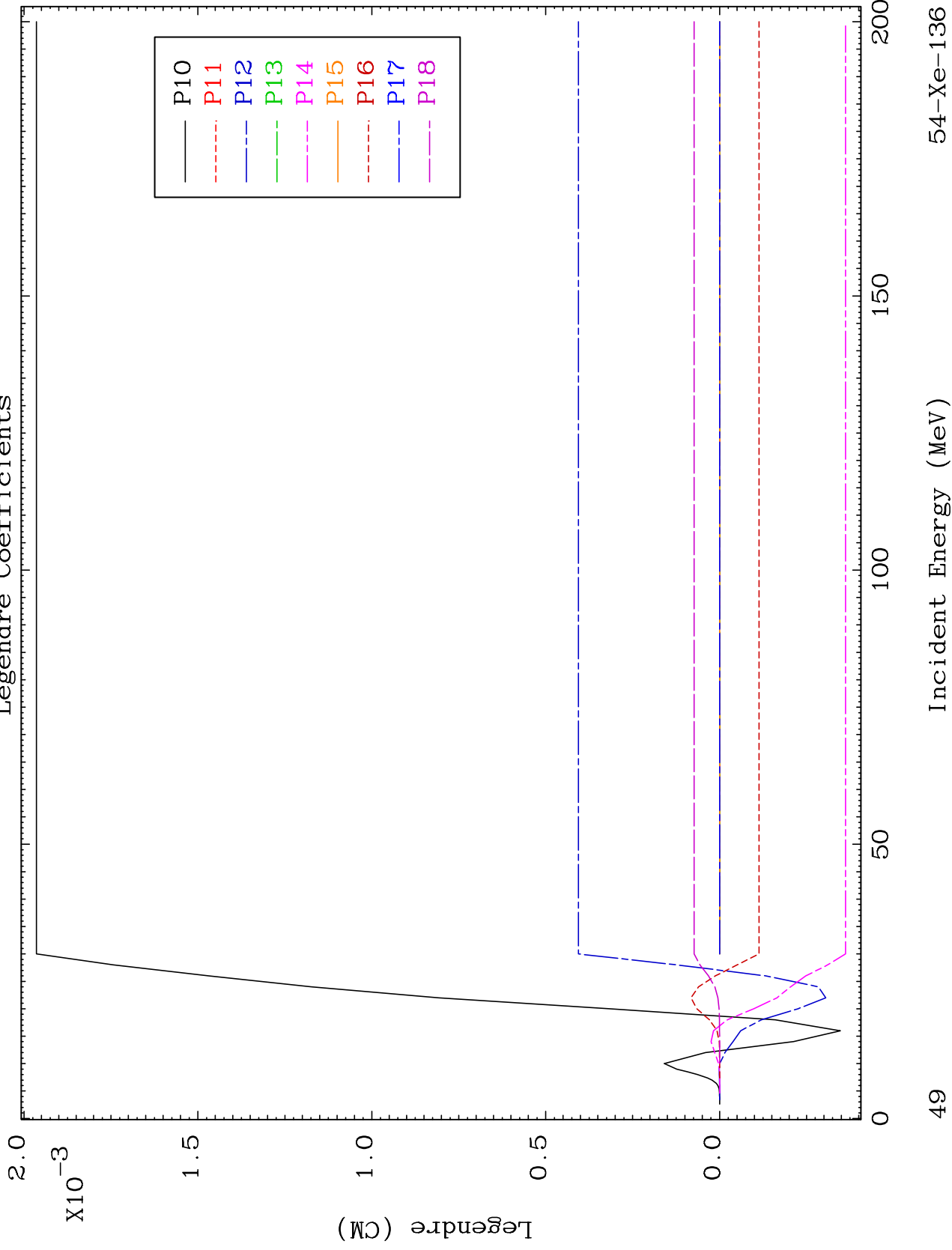
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

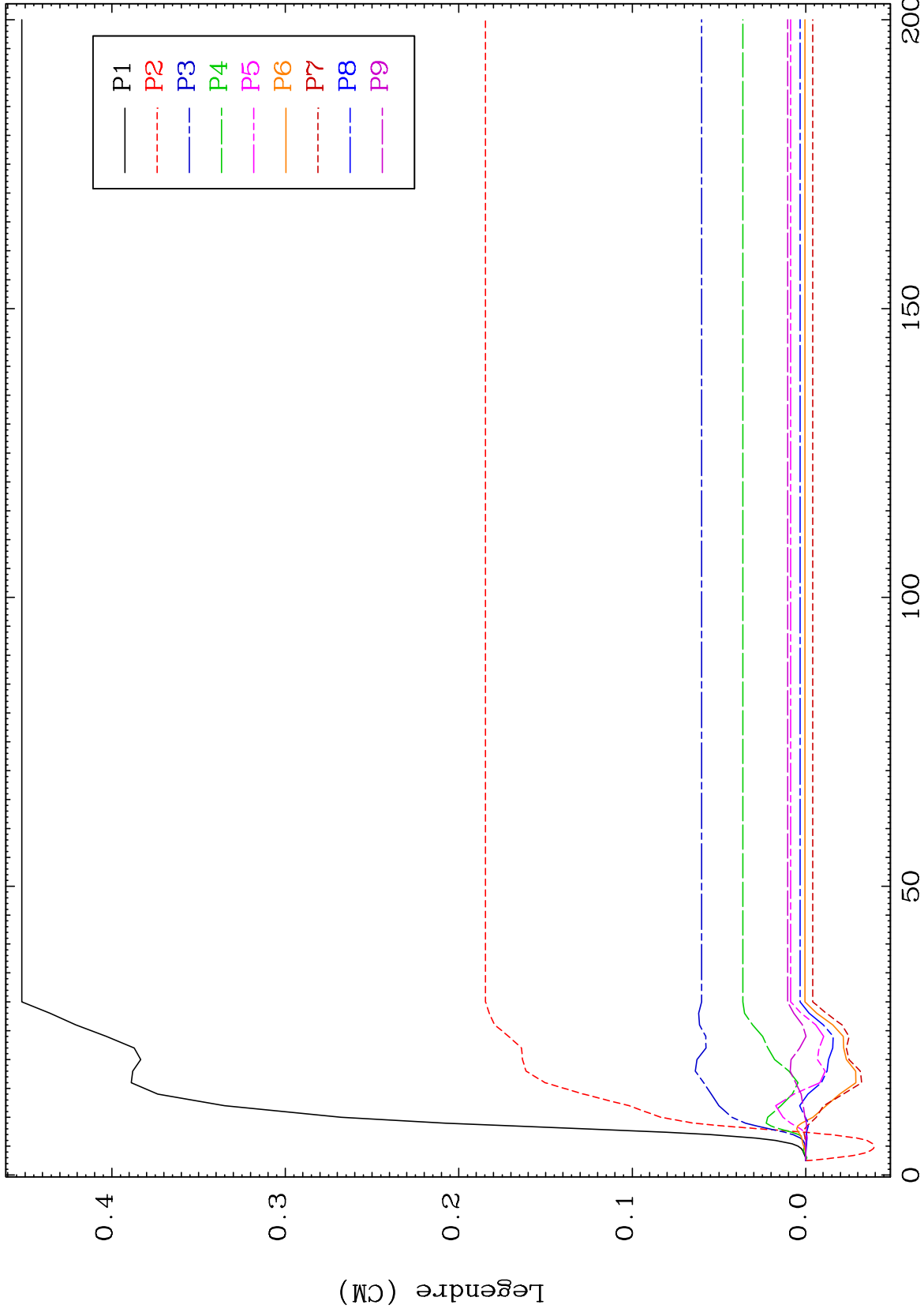
54-Xe-136



MAT 5461

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

54-Xe-136



51

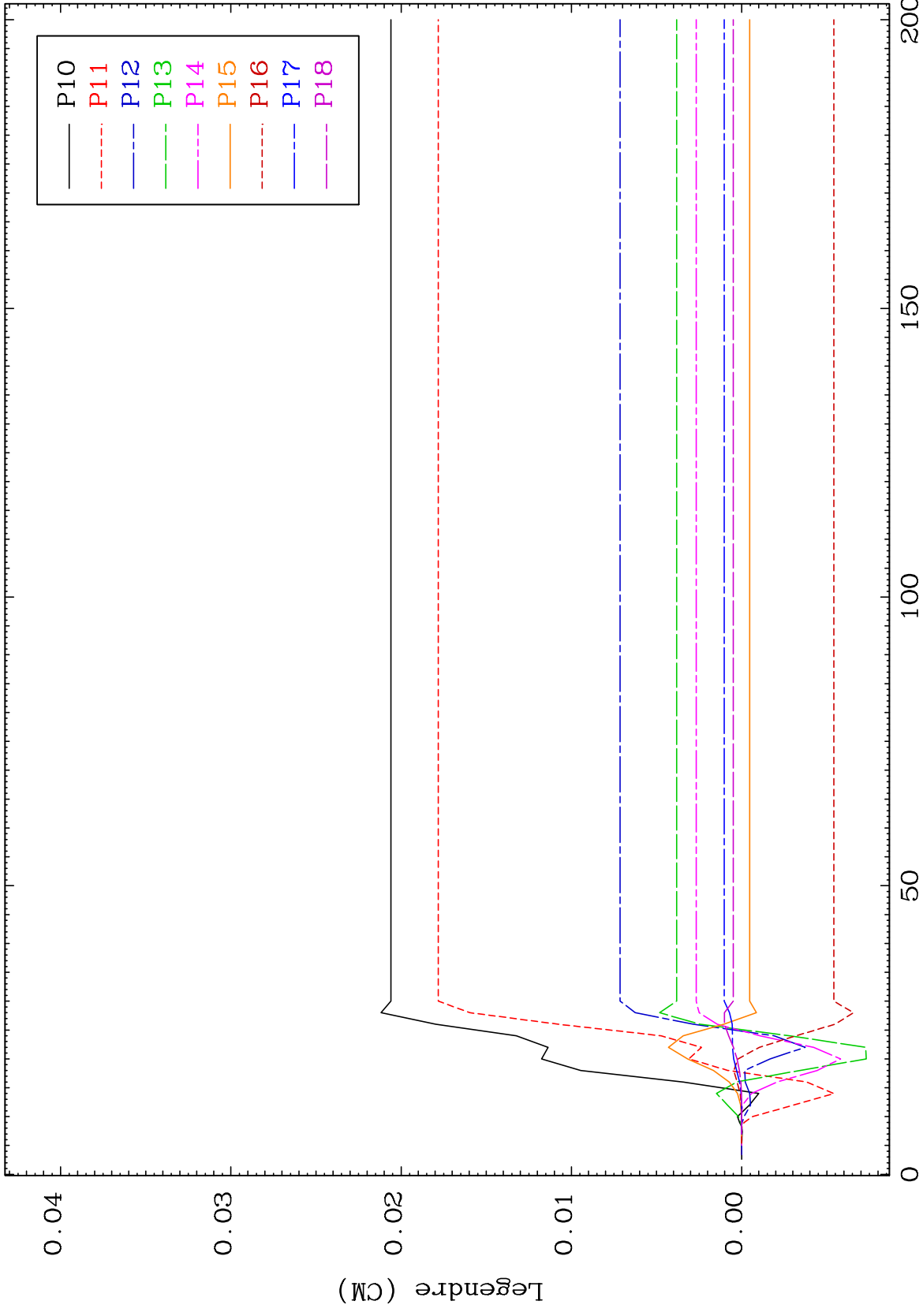
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

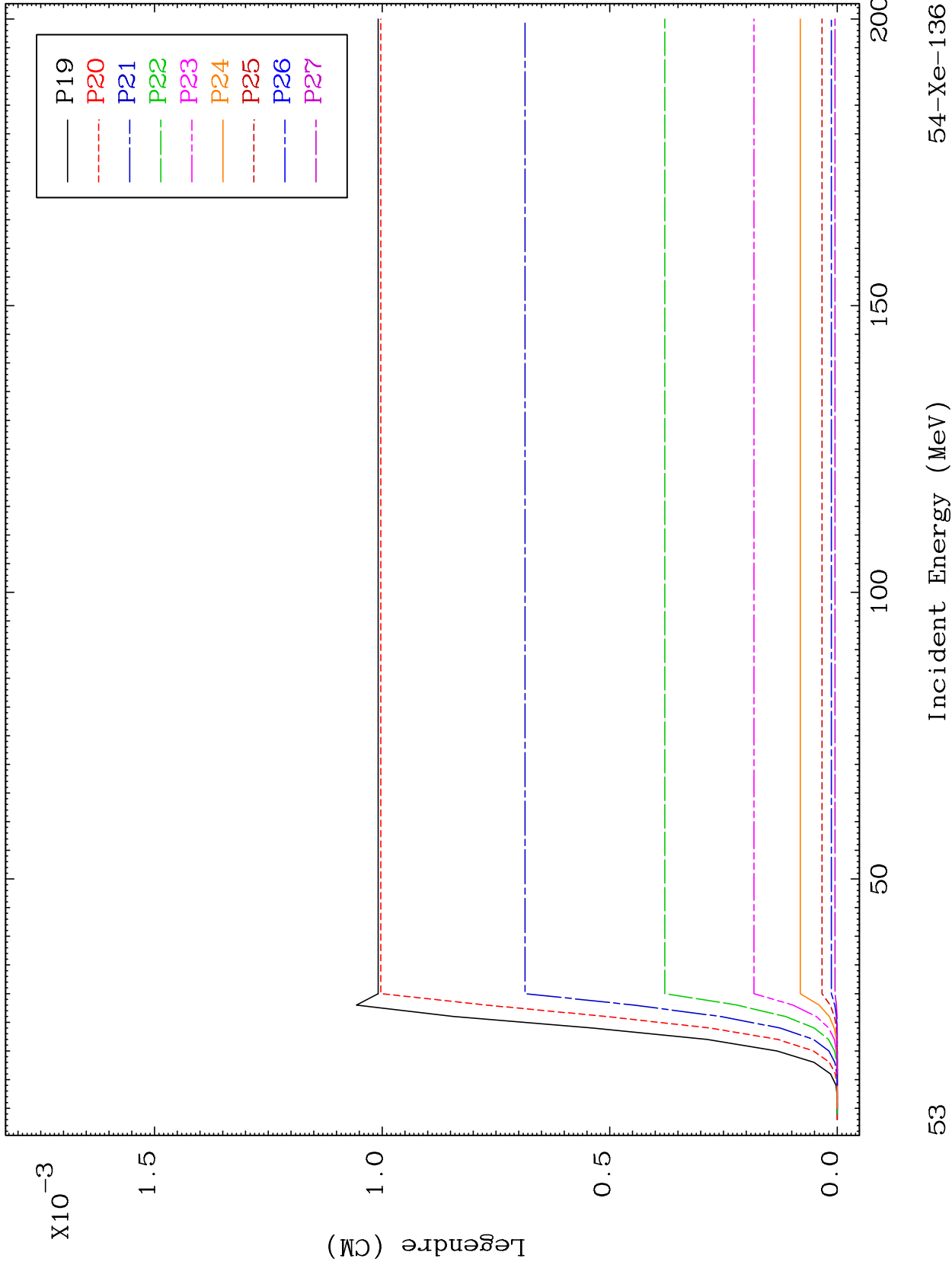
54-Xe-136



52

Incident Energy (MeV)

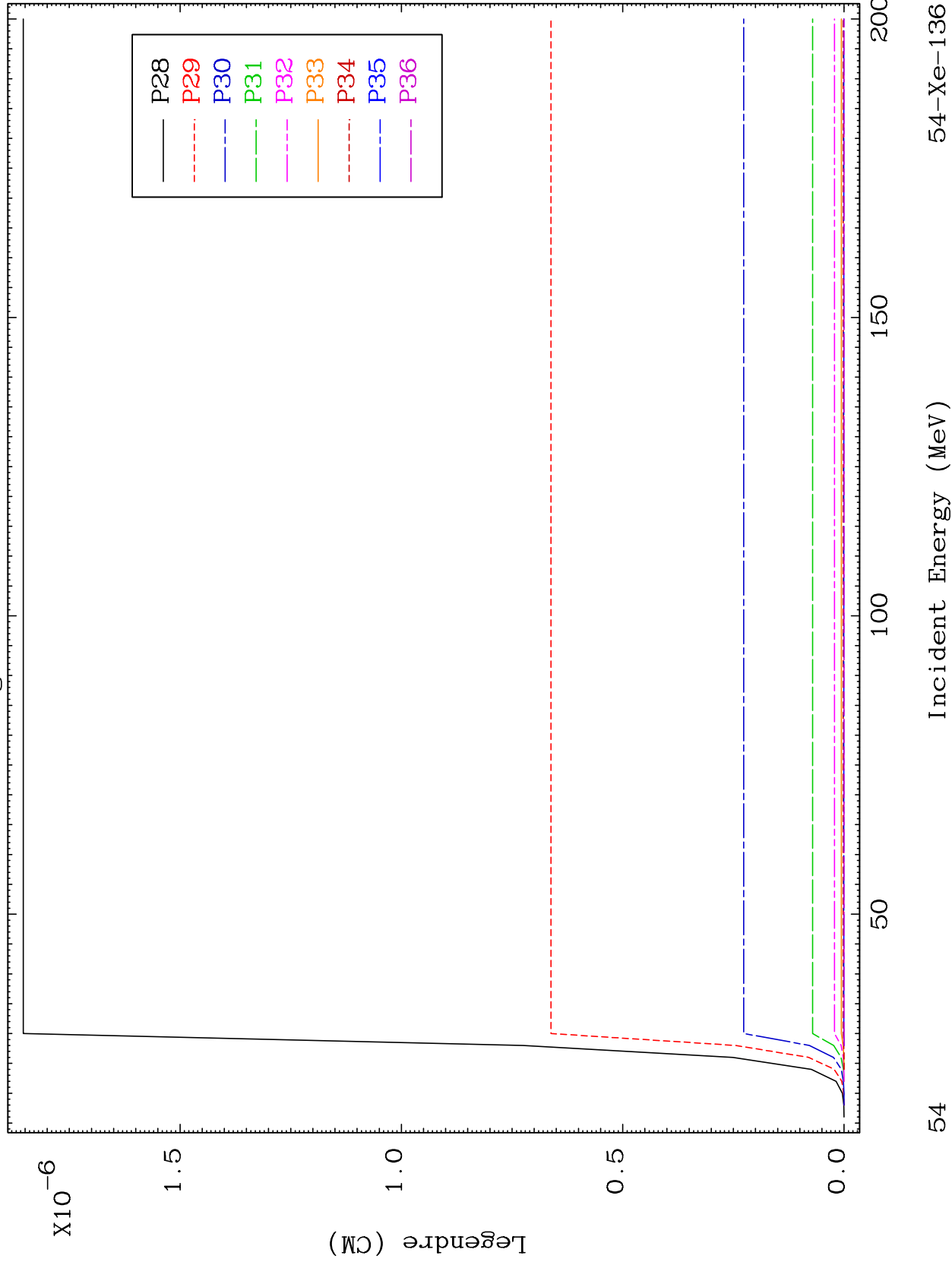
54-Xe-136



MAT 5461

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

54-Xe-136



54

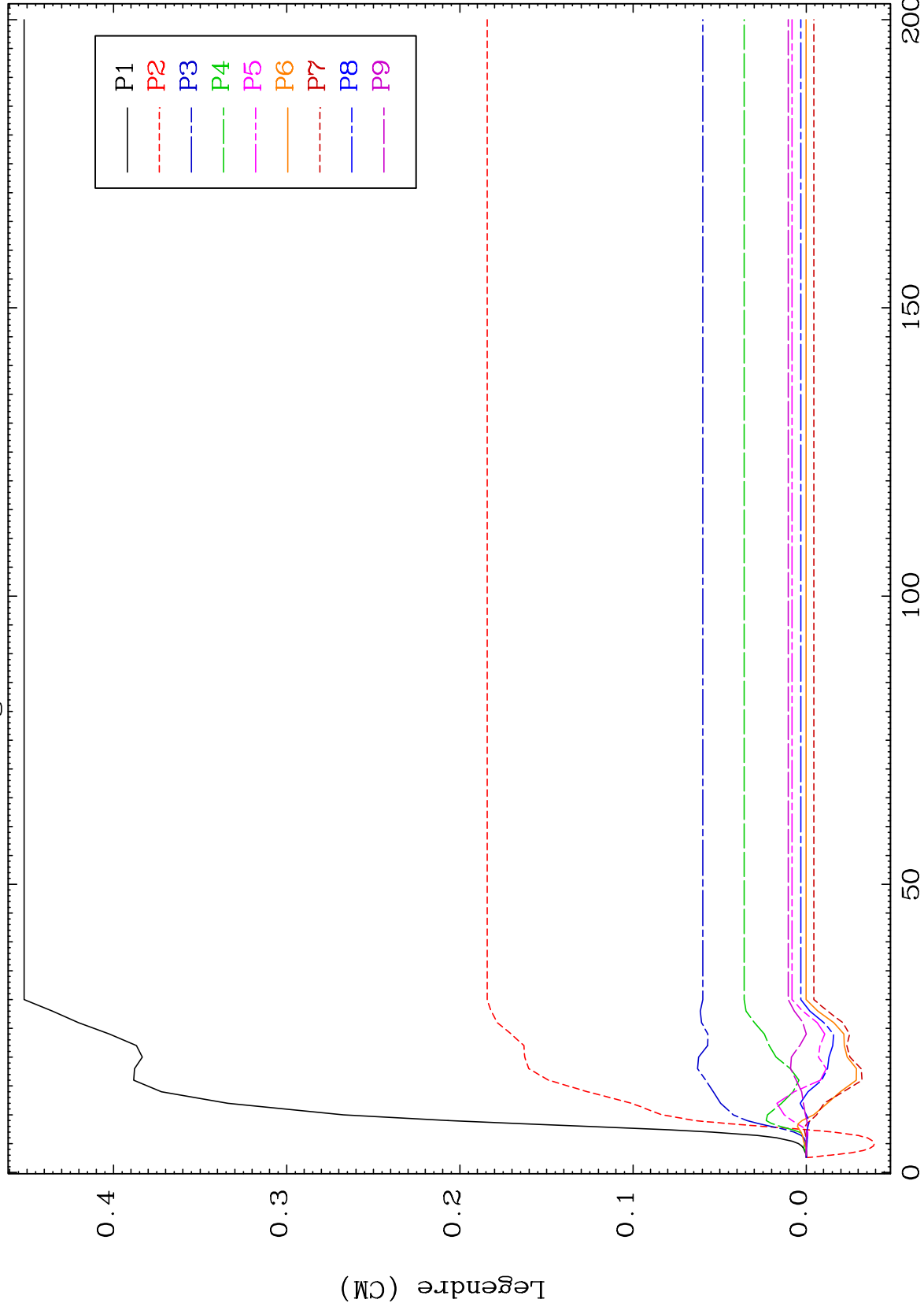
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



55

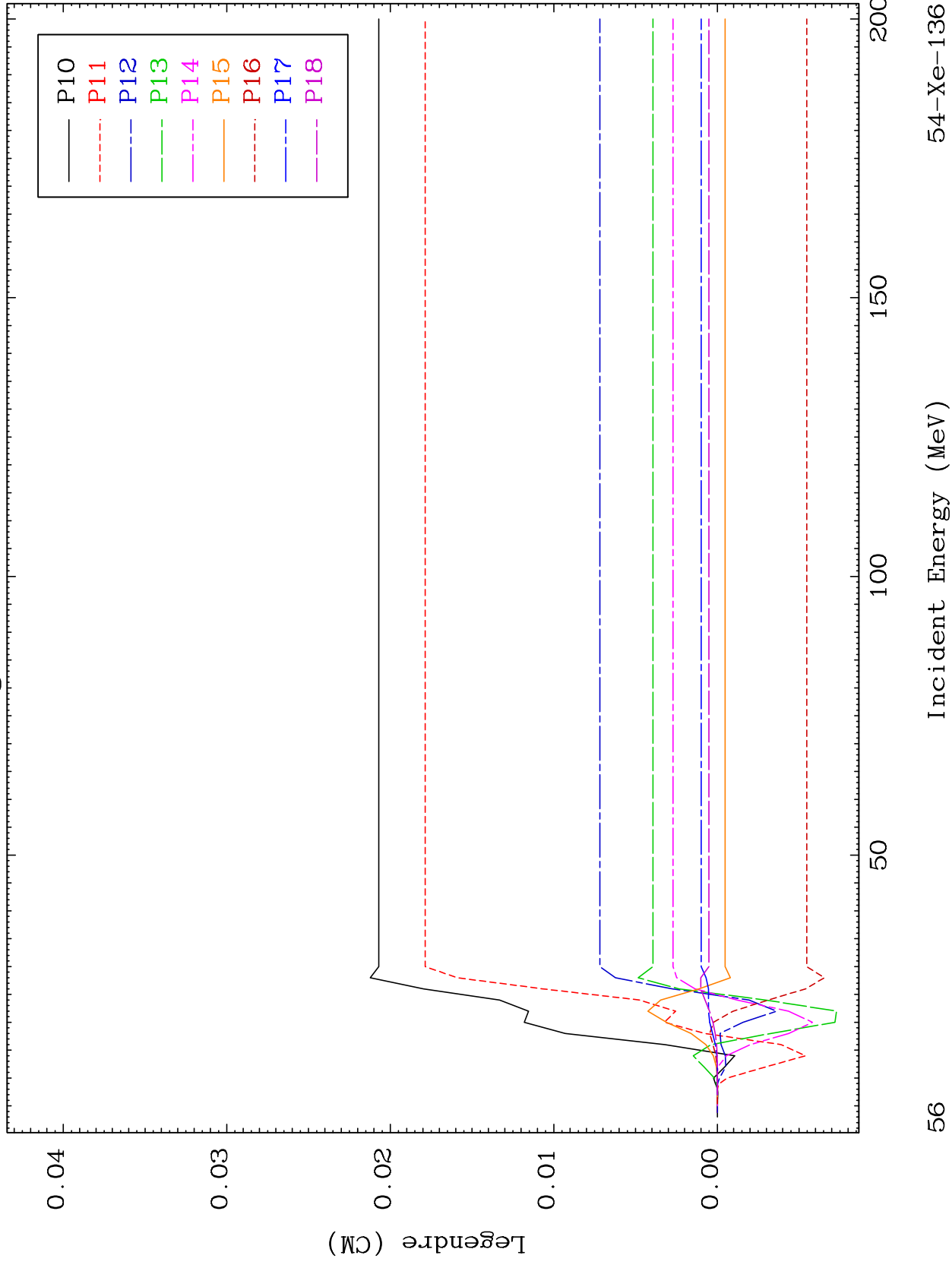
Incident Energy (MeV)

54-Xe-136

MAT 5461

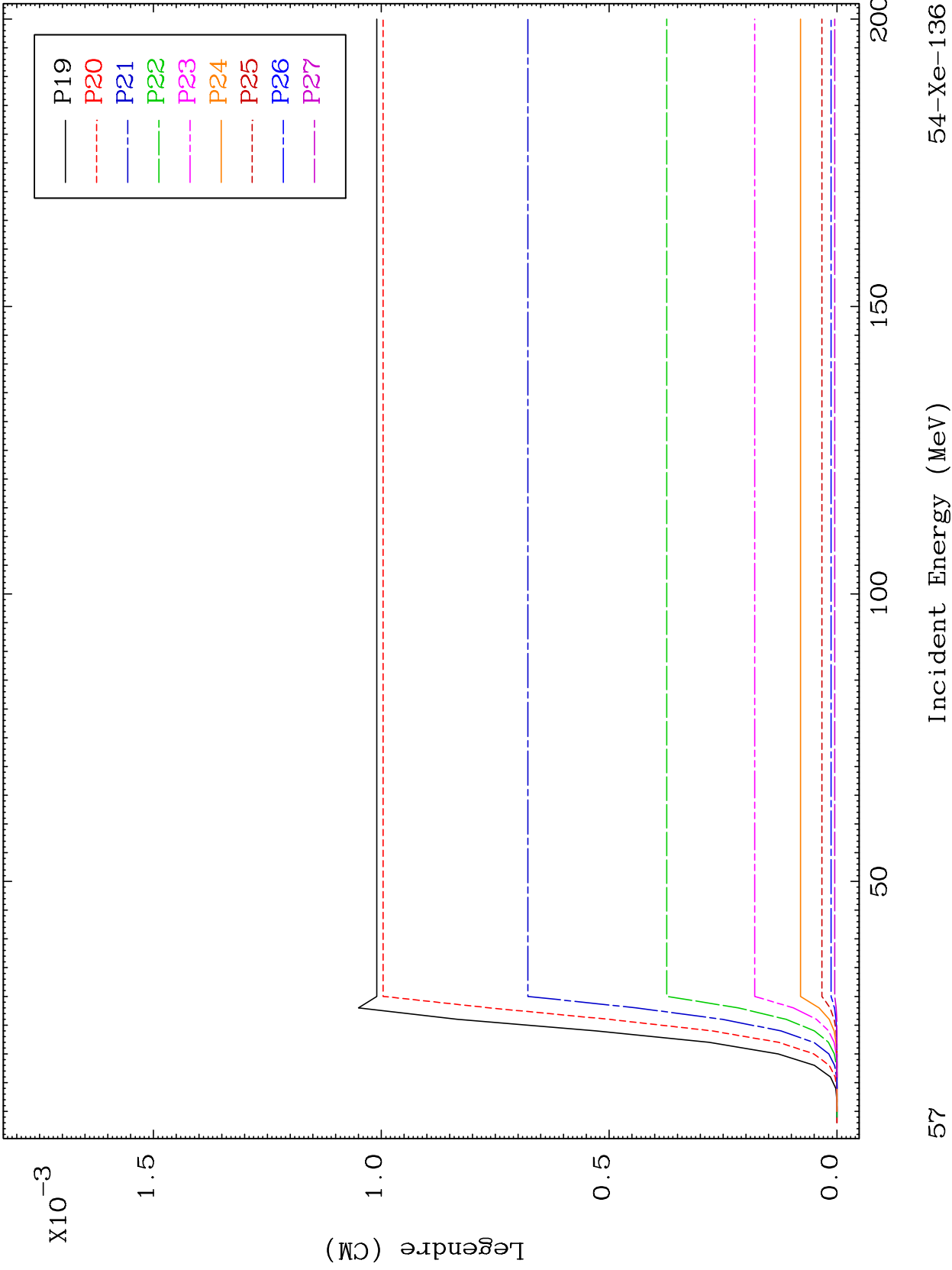
MT= 60 (n,n') Level
Legendre Coefficients

54-Xe-136



56

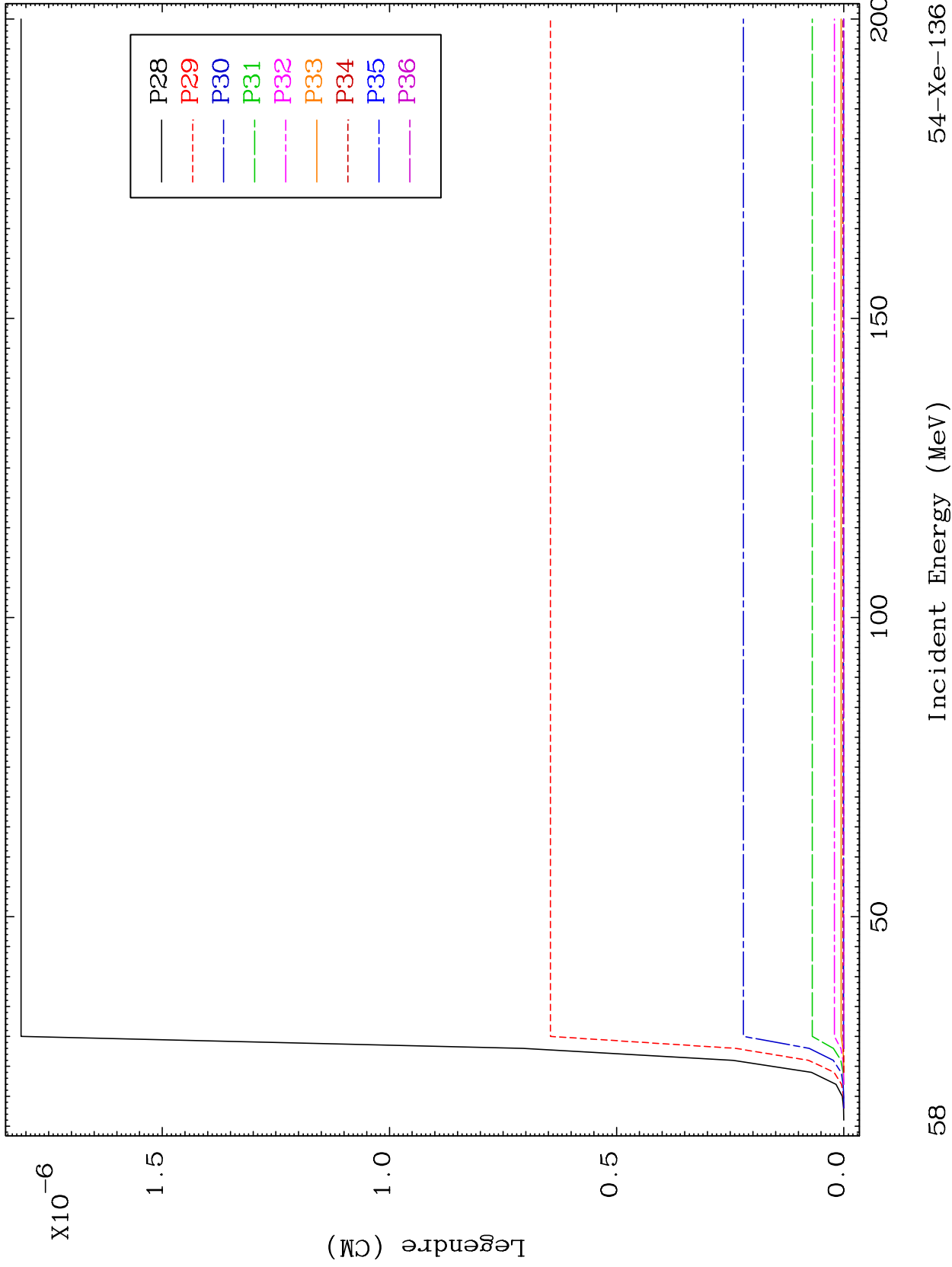
54-Xe-136



MAT 5461

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

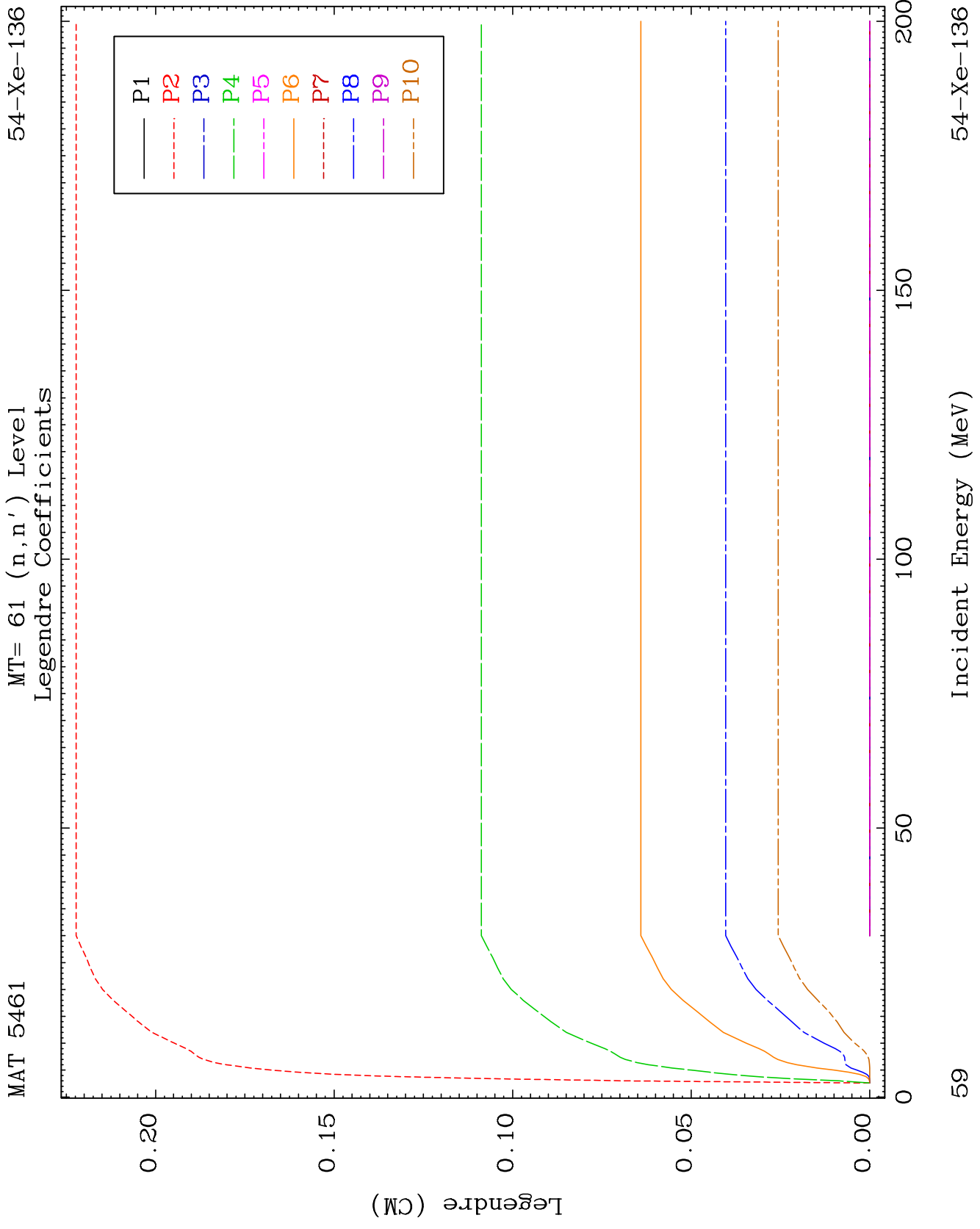
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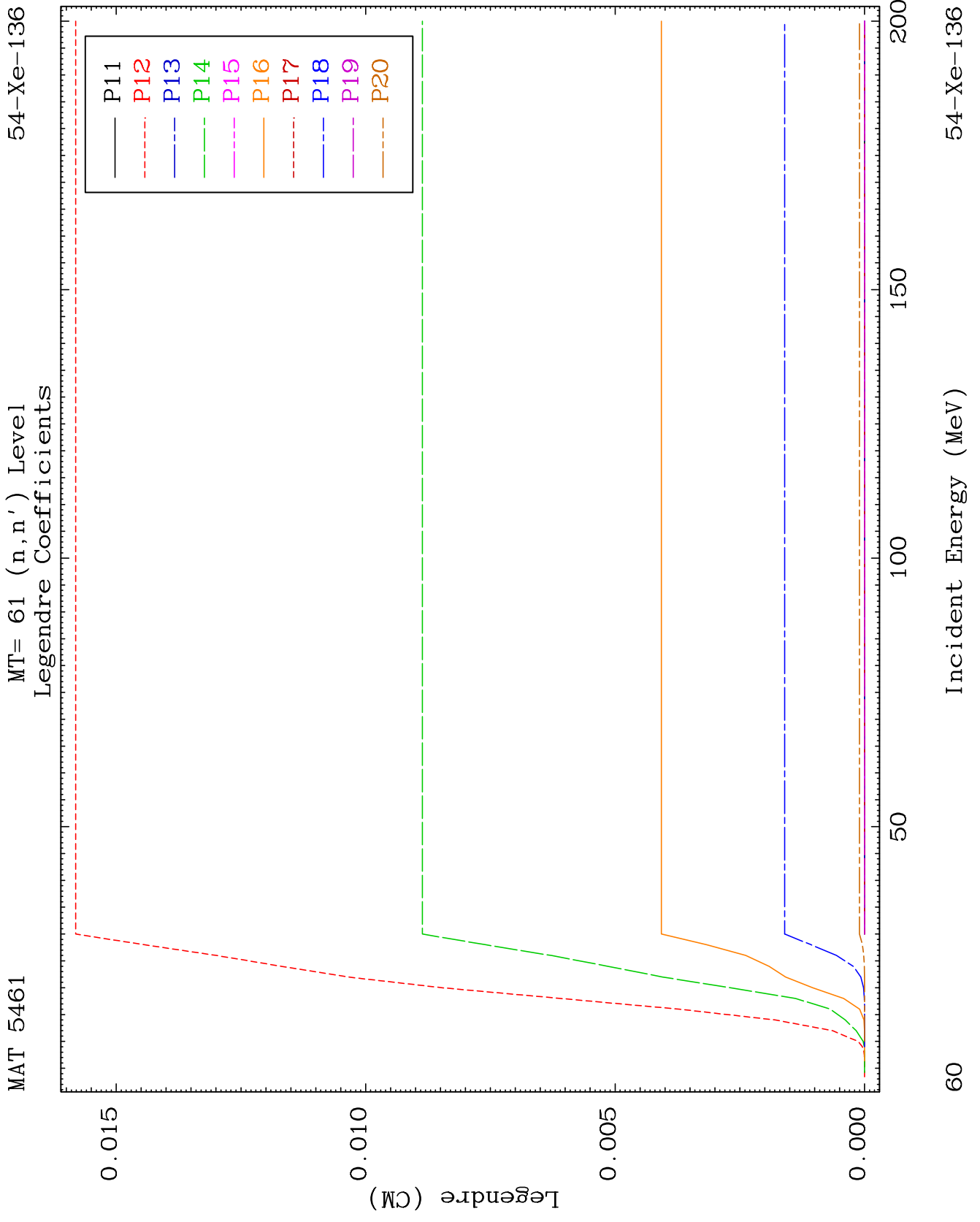


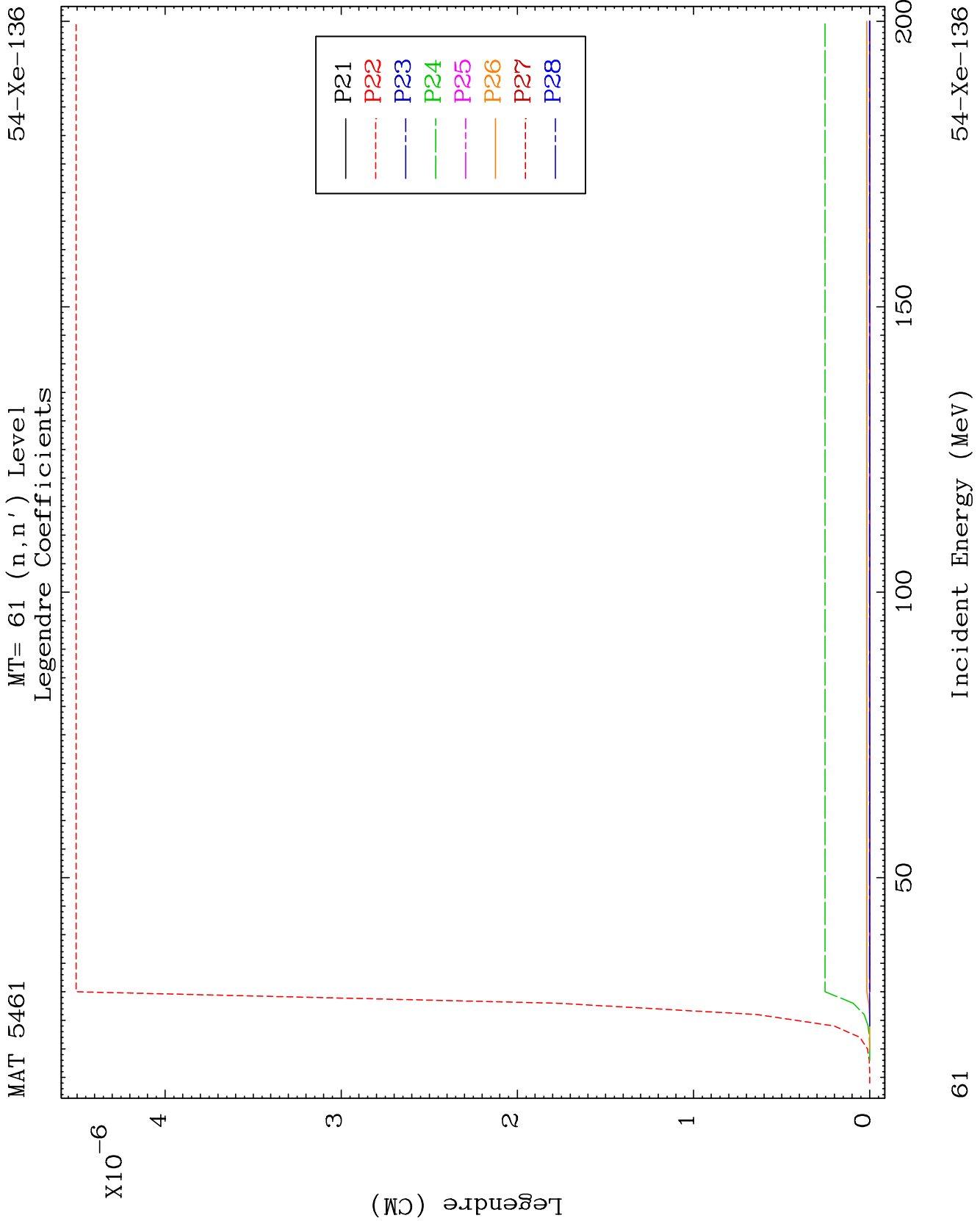
58

Incident Energy (MeV)

54-Xe-136



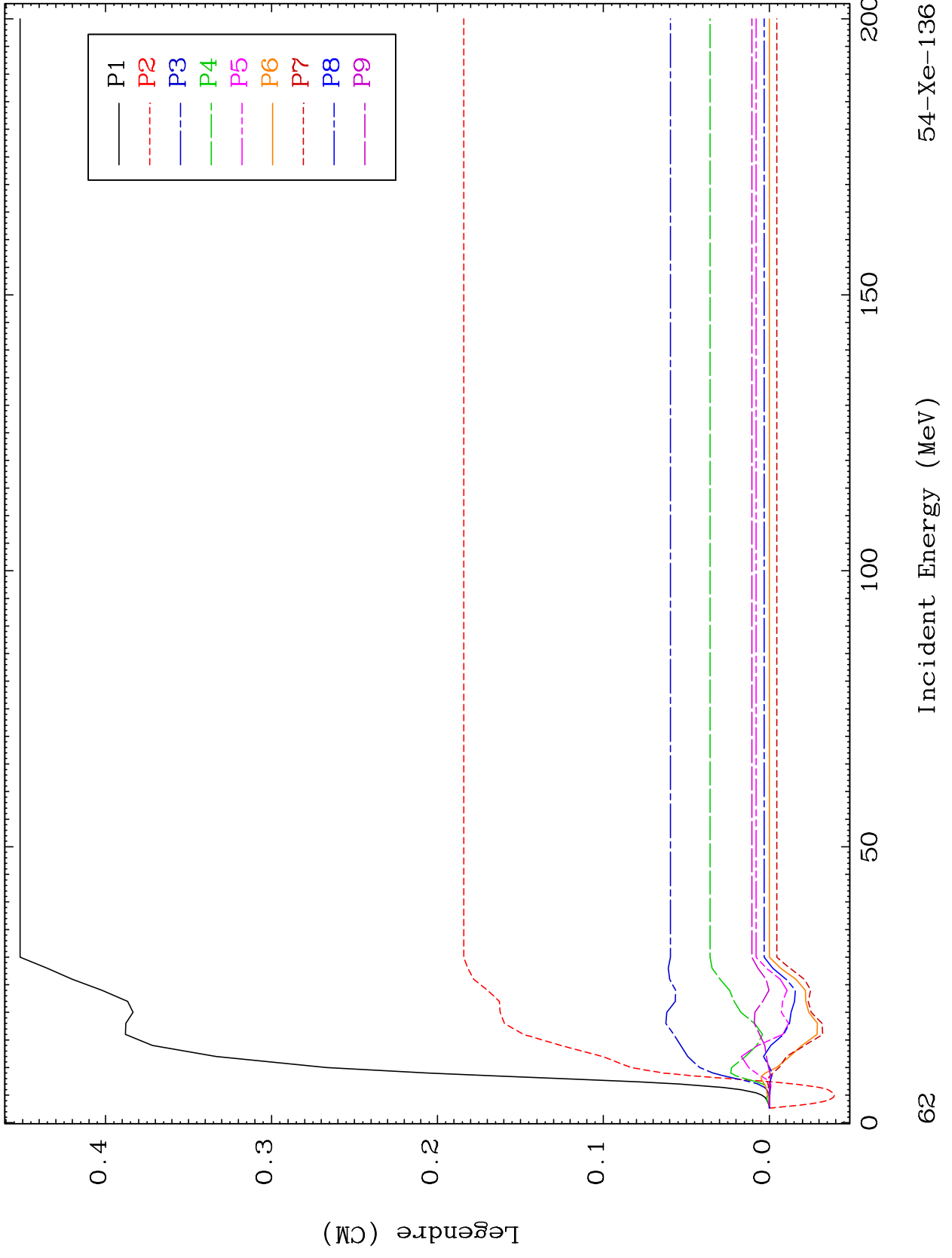




MAT 5461

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

54-Xe-136



54-Xe-136

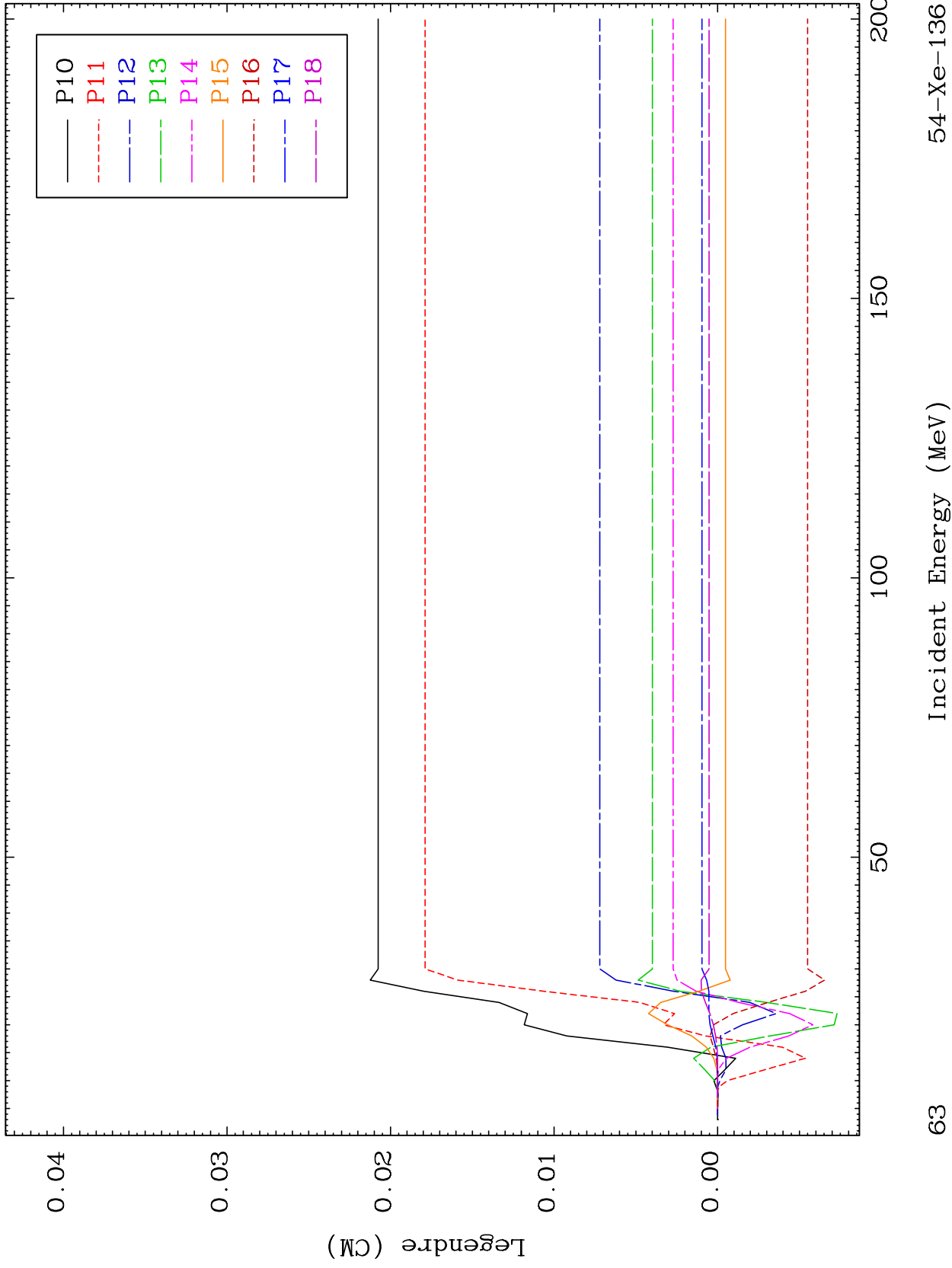
Incident Energy (MeV)

62

MAT 5461

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

54-Xe-136



63

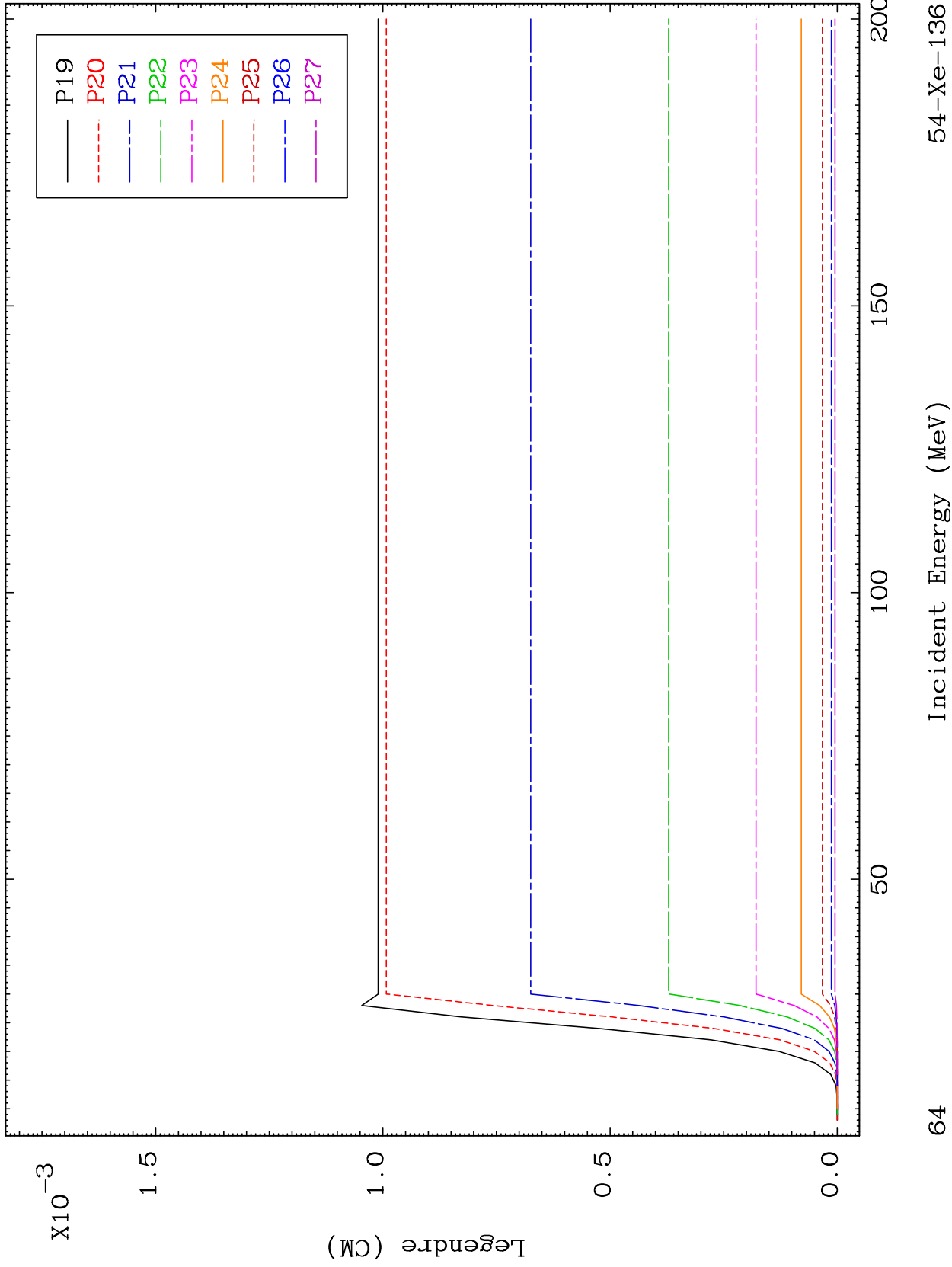
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



64

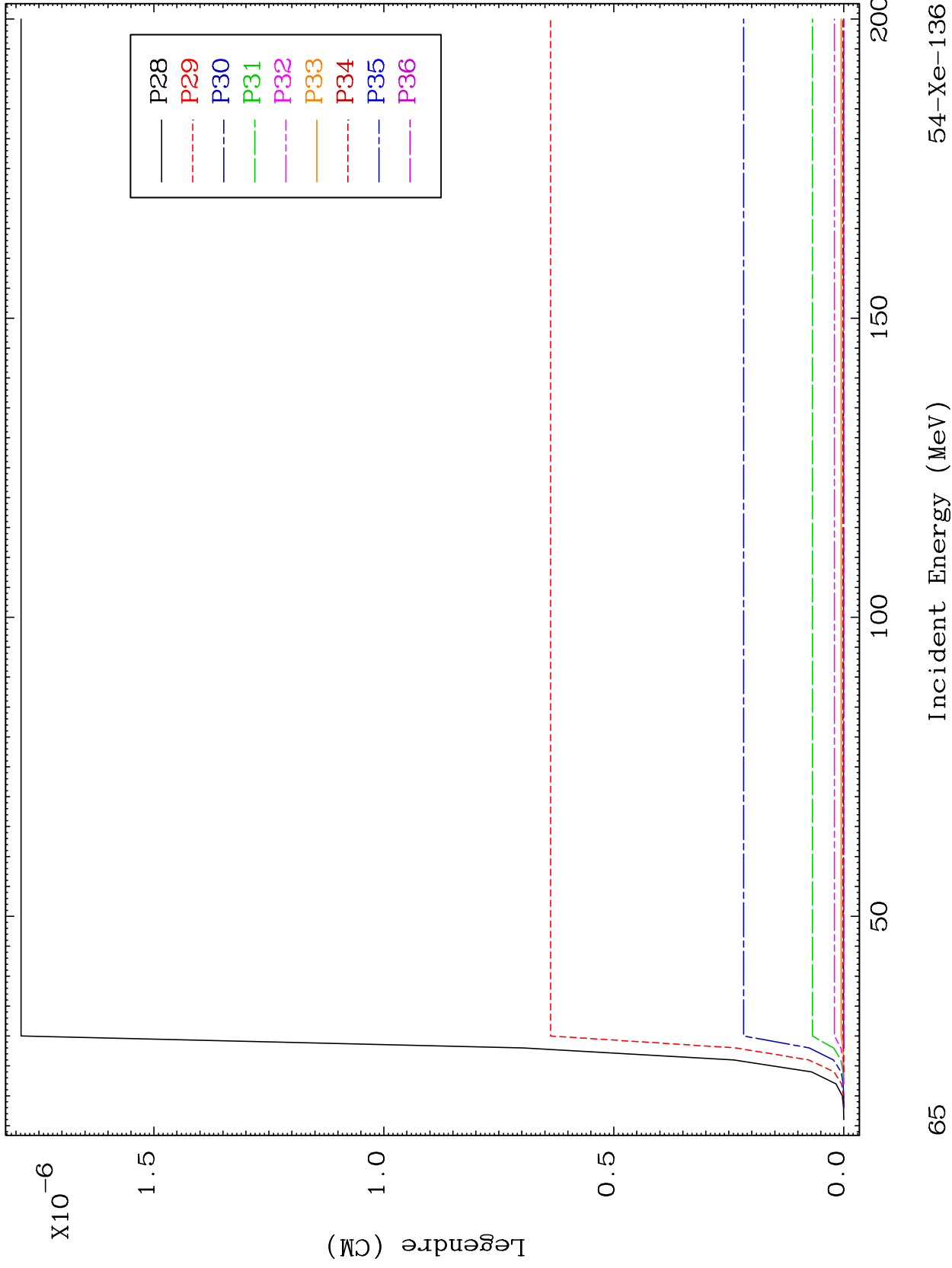
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



65

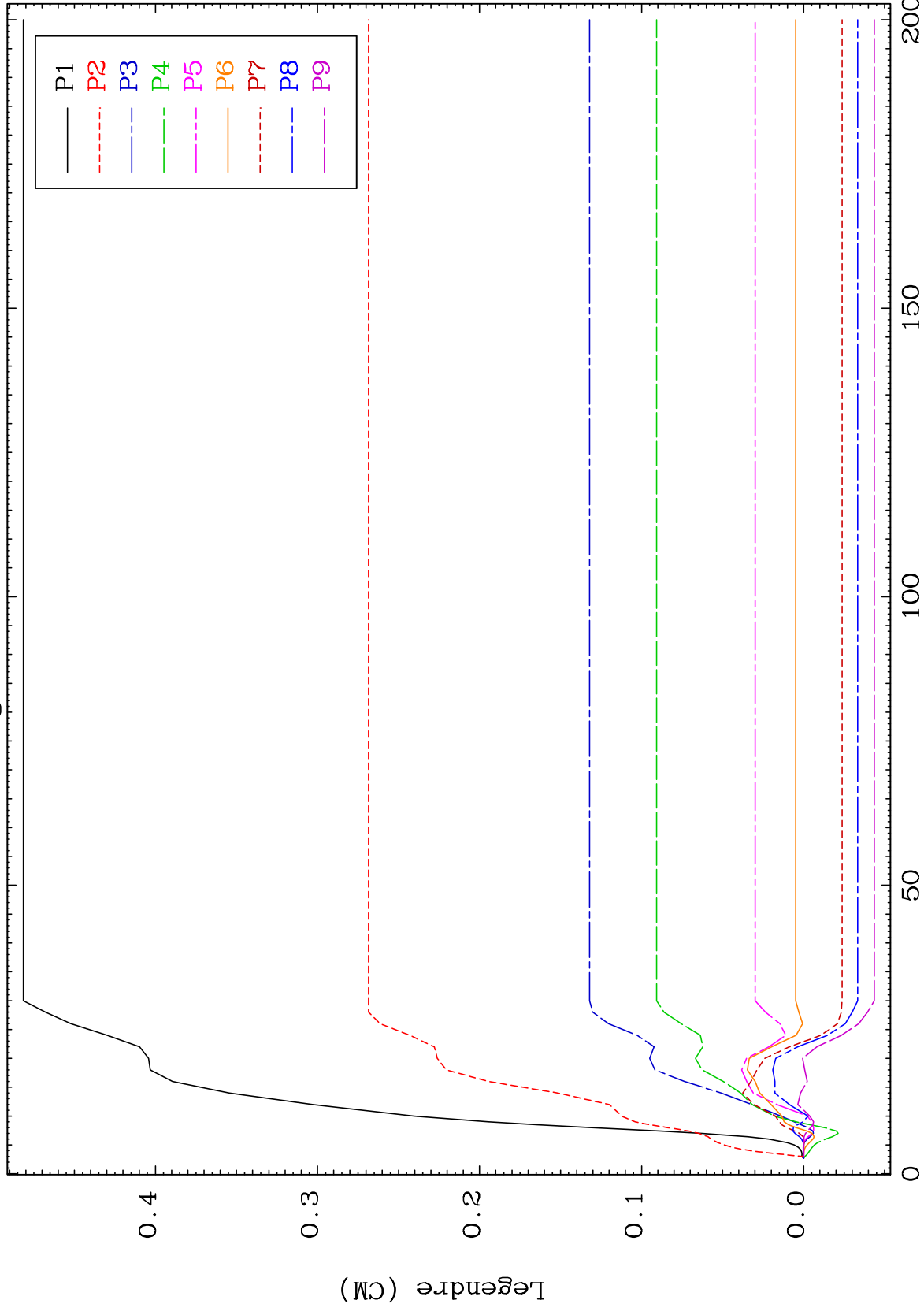
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



54-Xe-136

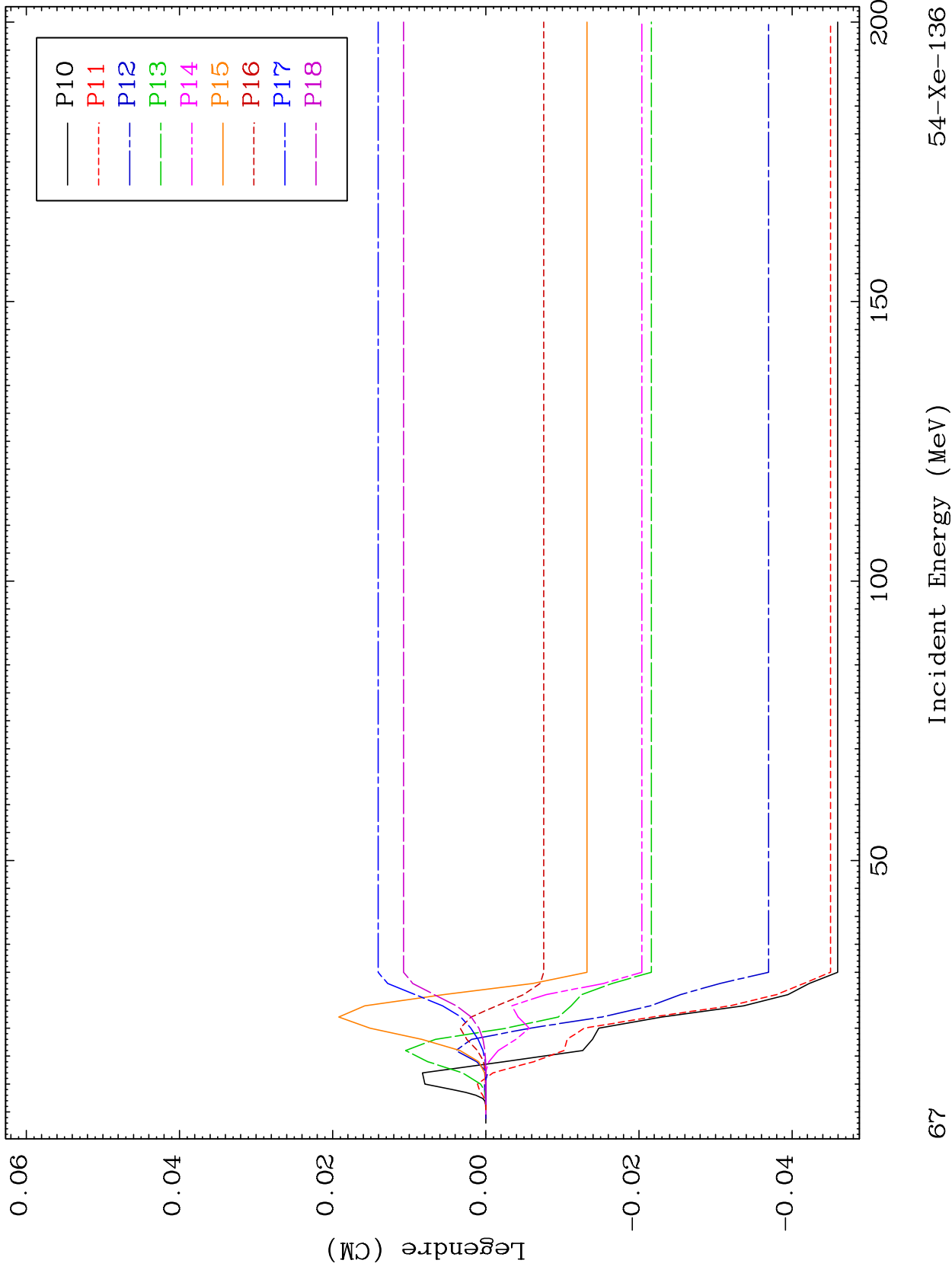
Incident Energy (MeV)

66

MAT 5461

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

54-Xe-136



67

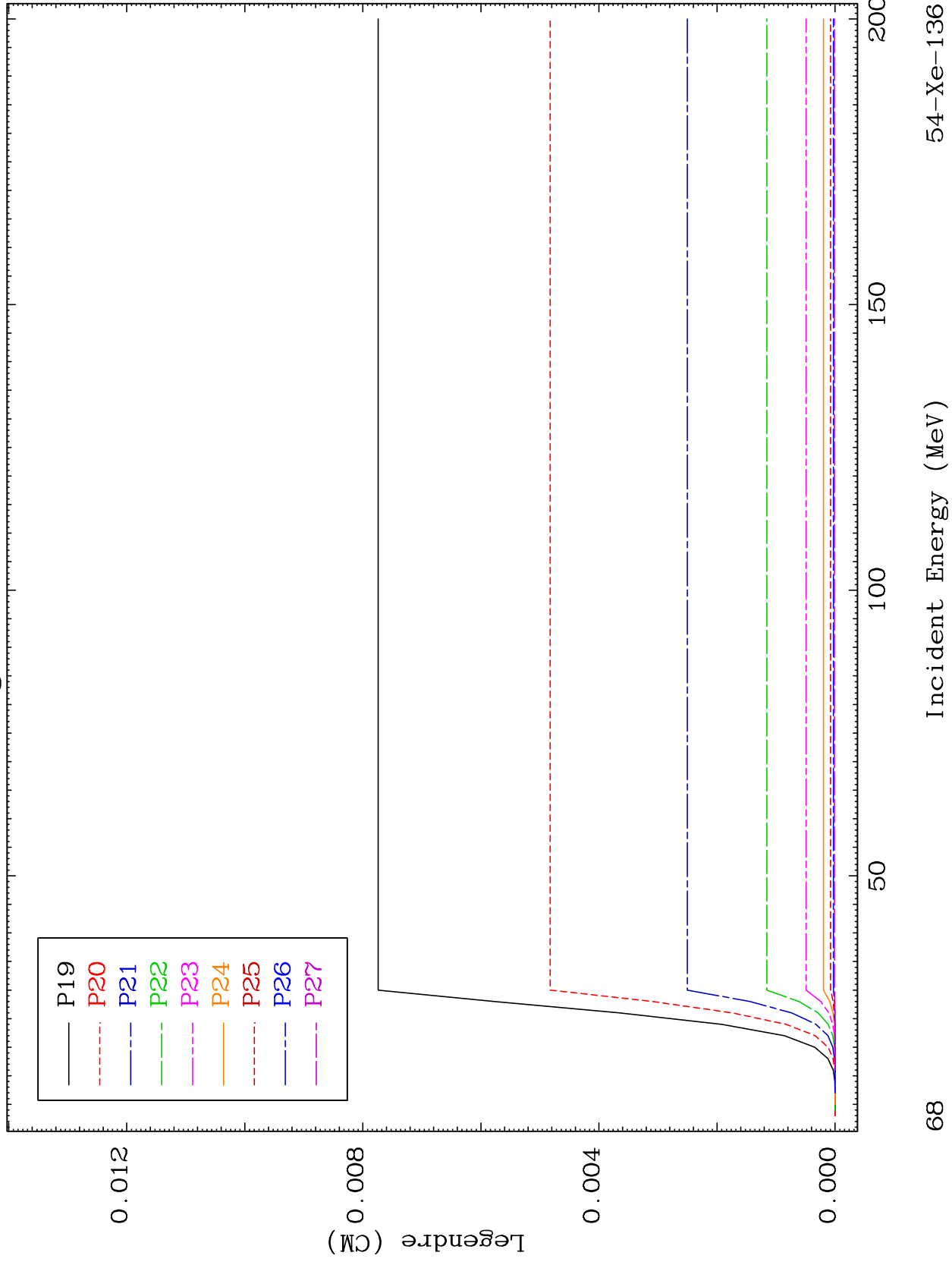
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



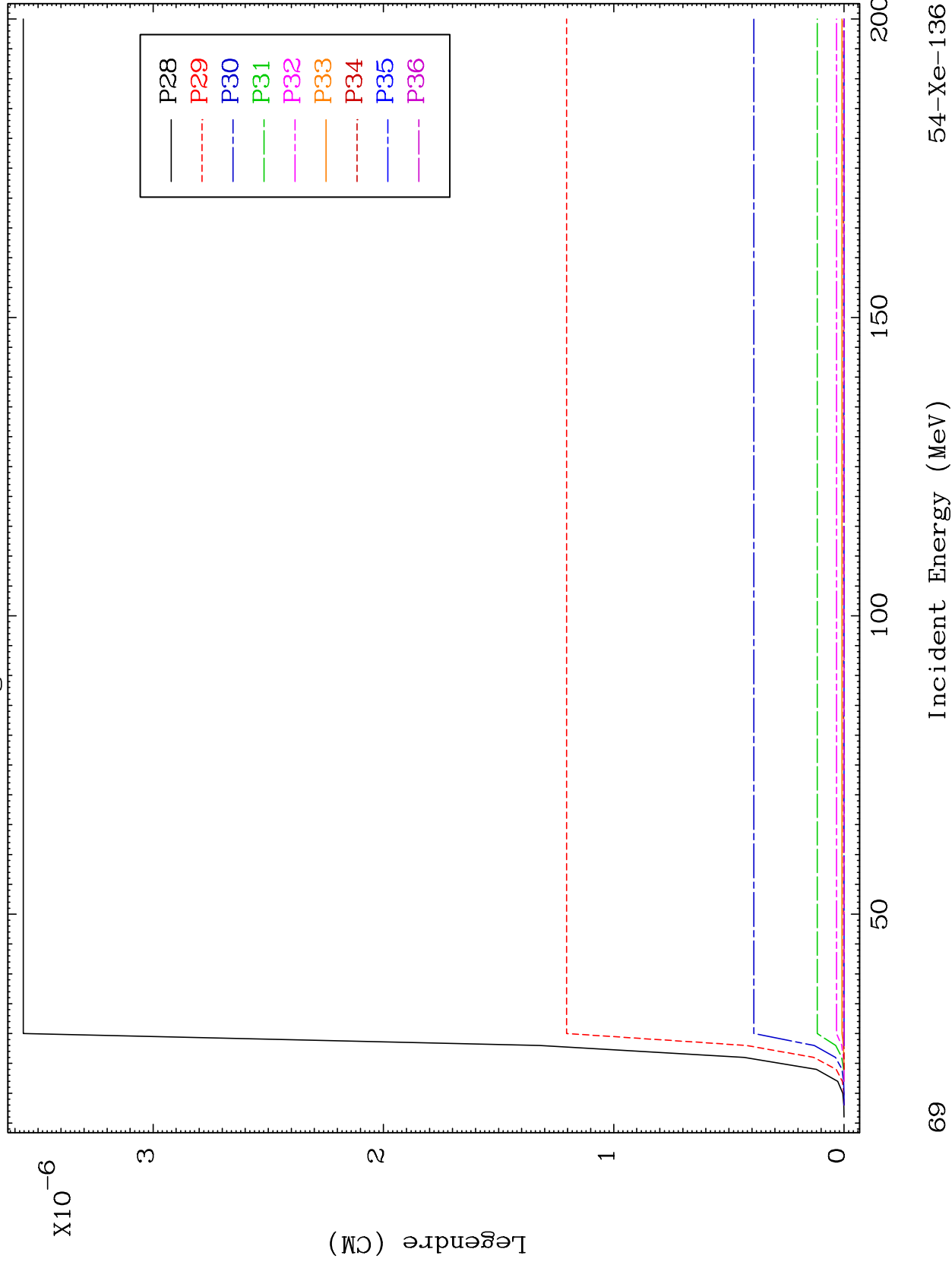
68

54-Xe-136

MAT 5461

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

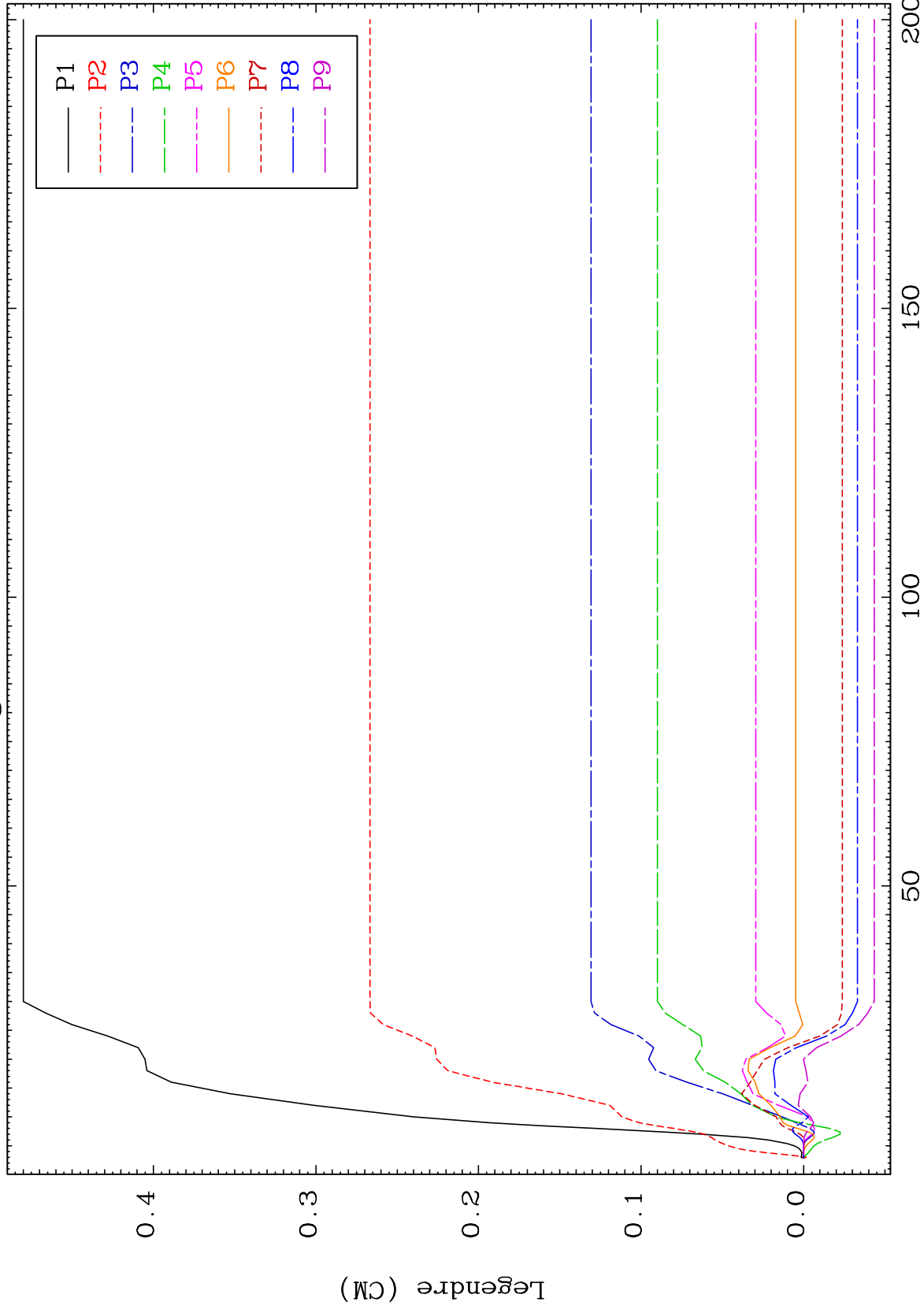
54-Xe-136



MAT 5461

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

54-Xe-136



70

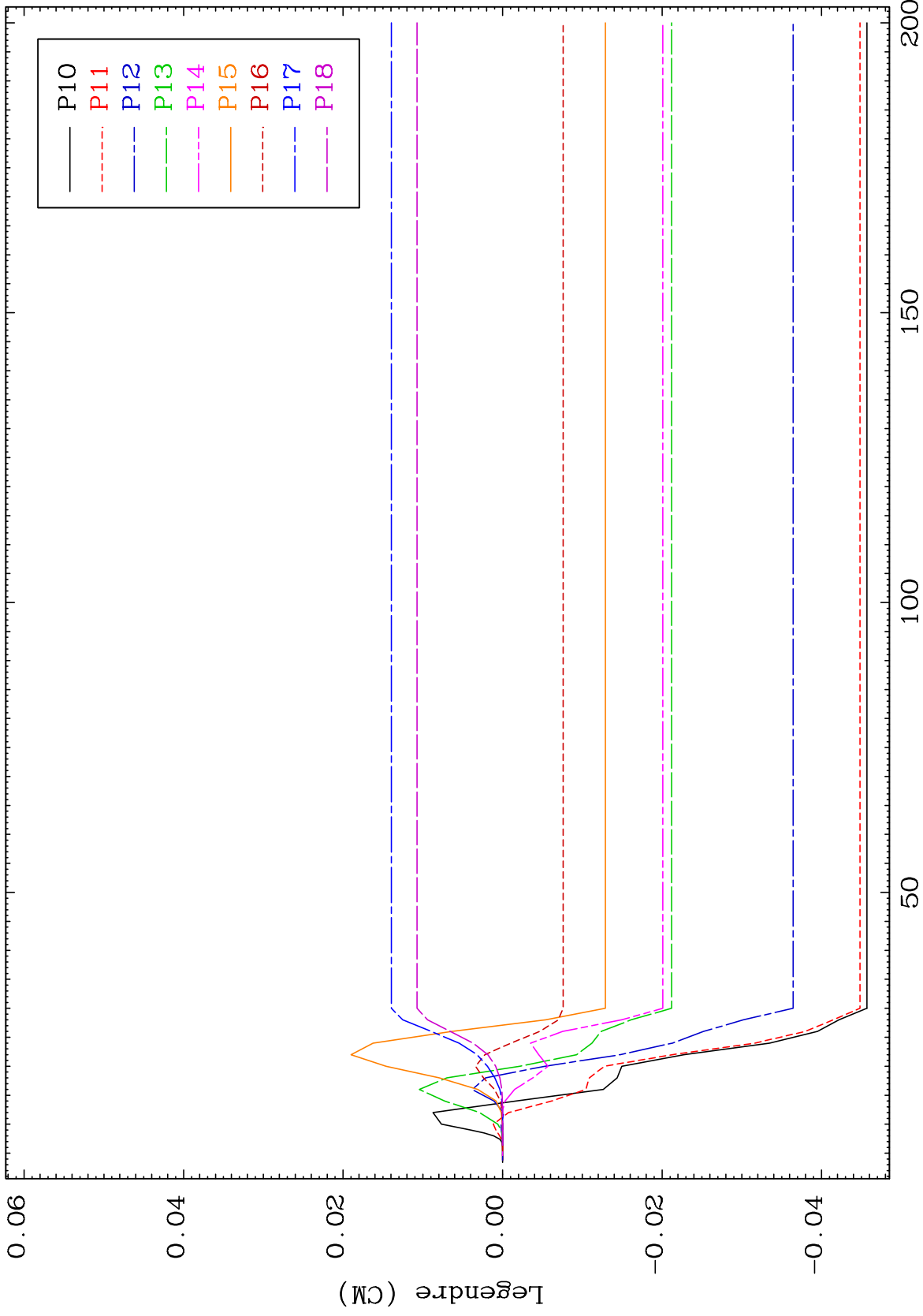
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



71

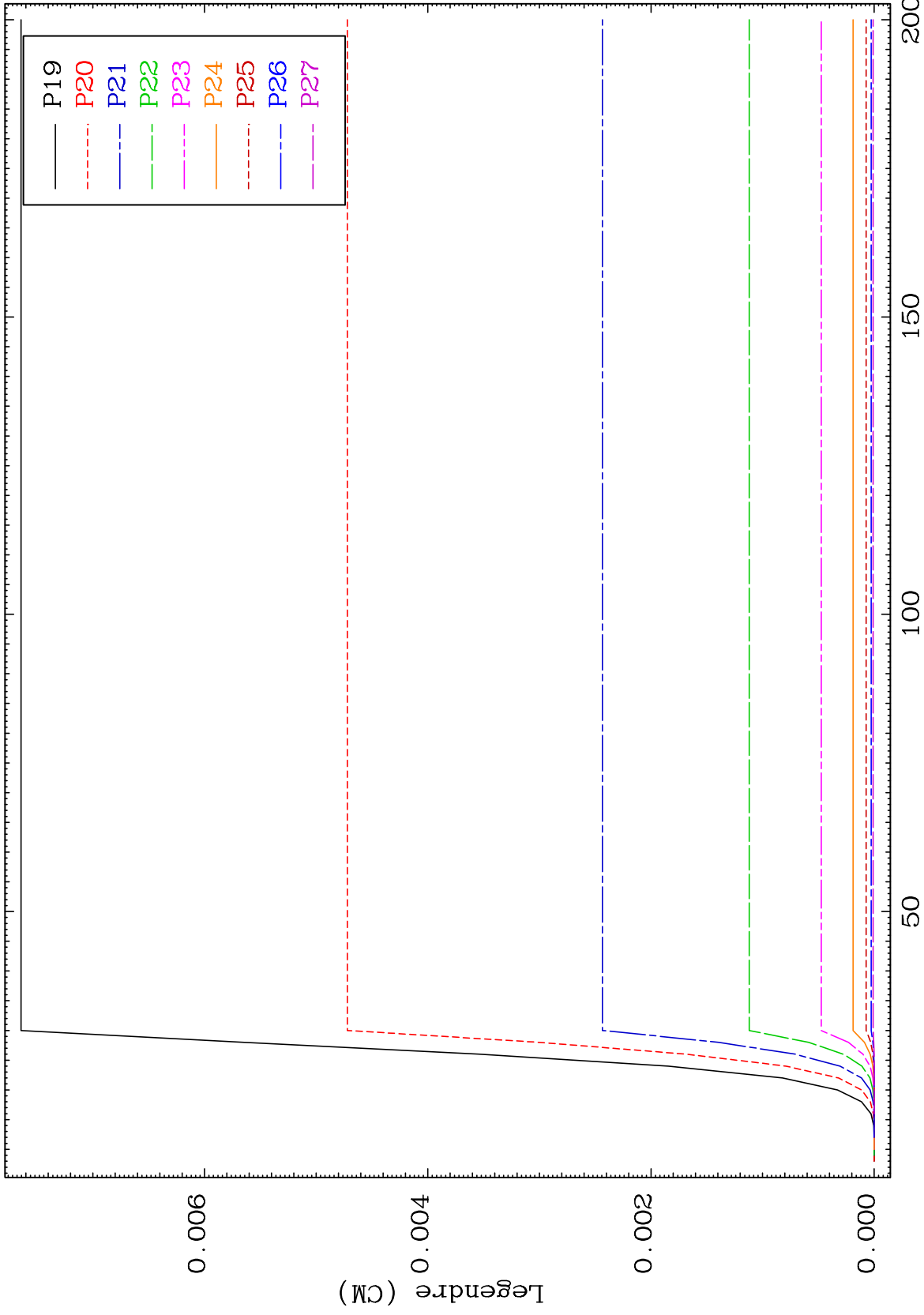
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



72

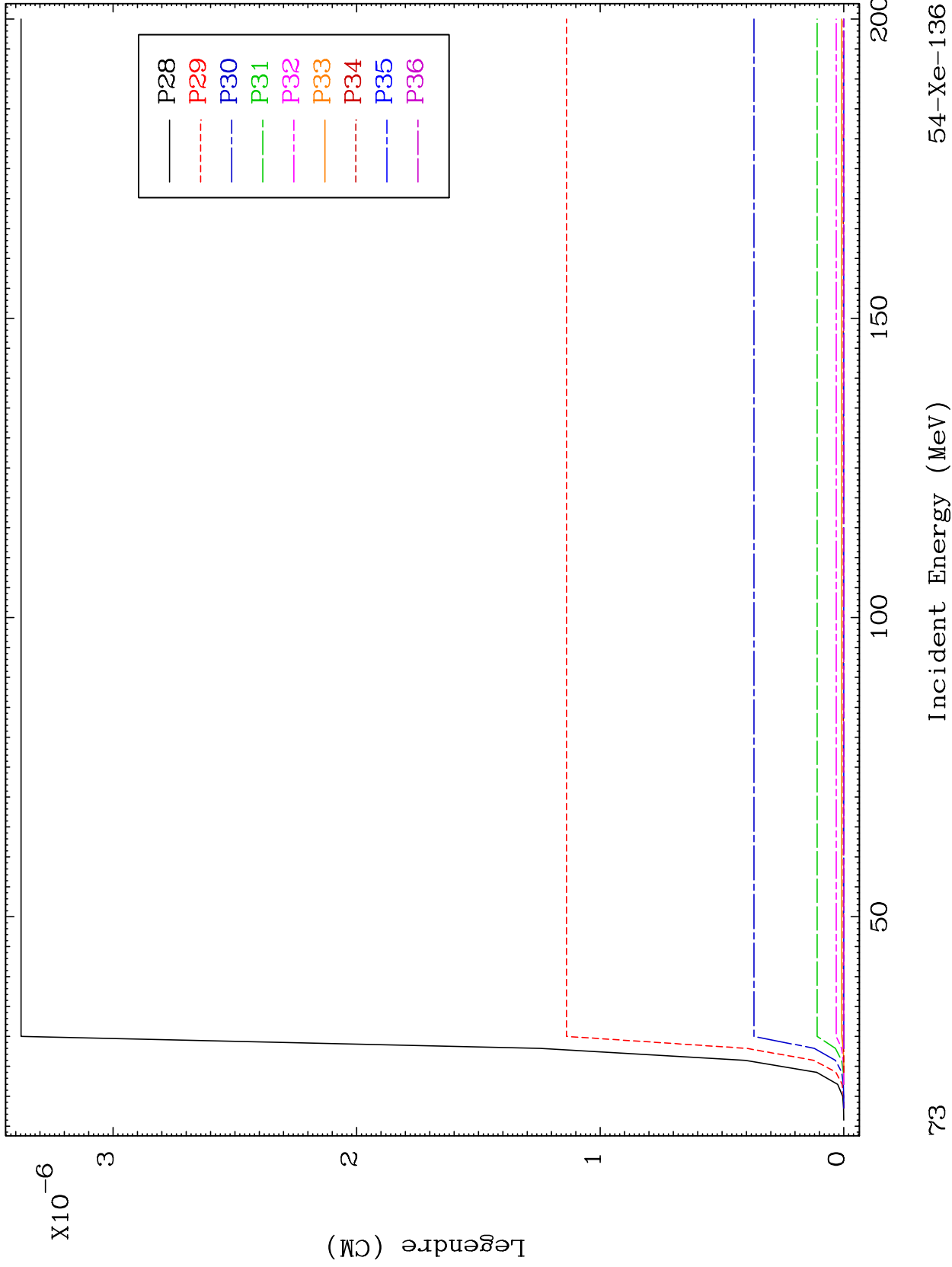
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

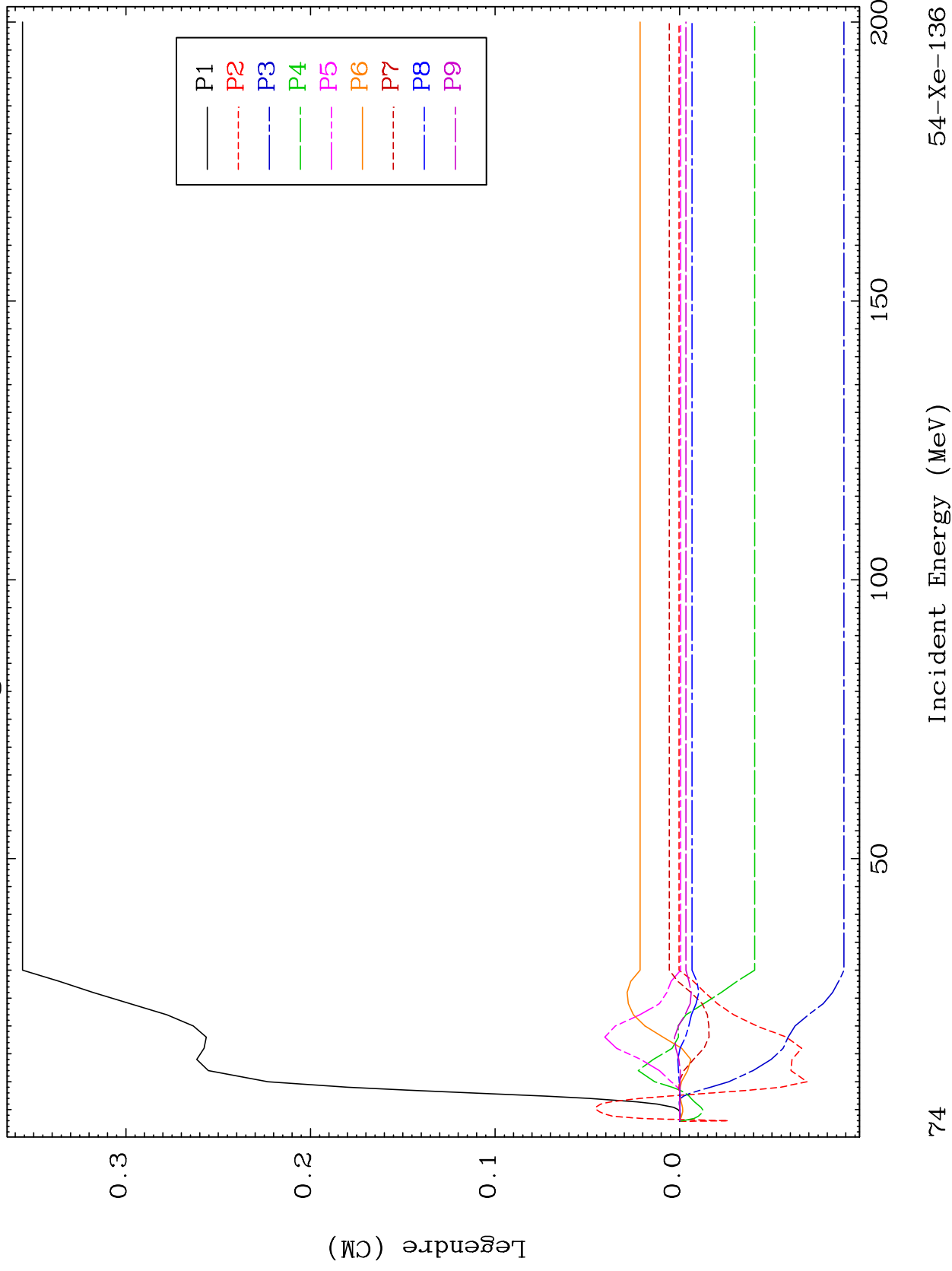
54-Xe-136



MAT 5461

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

54-Xe-136



74

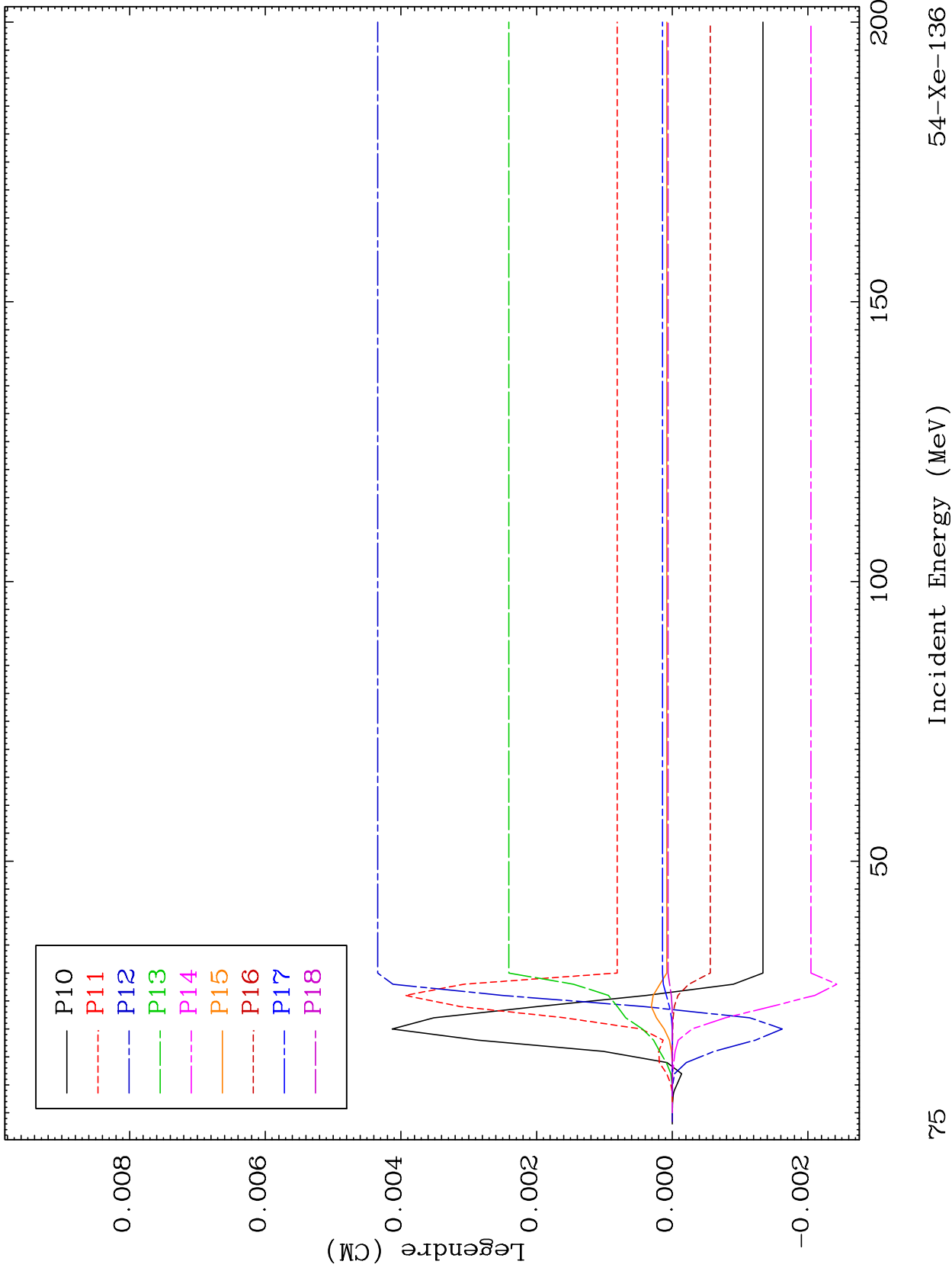
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



75

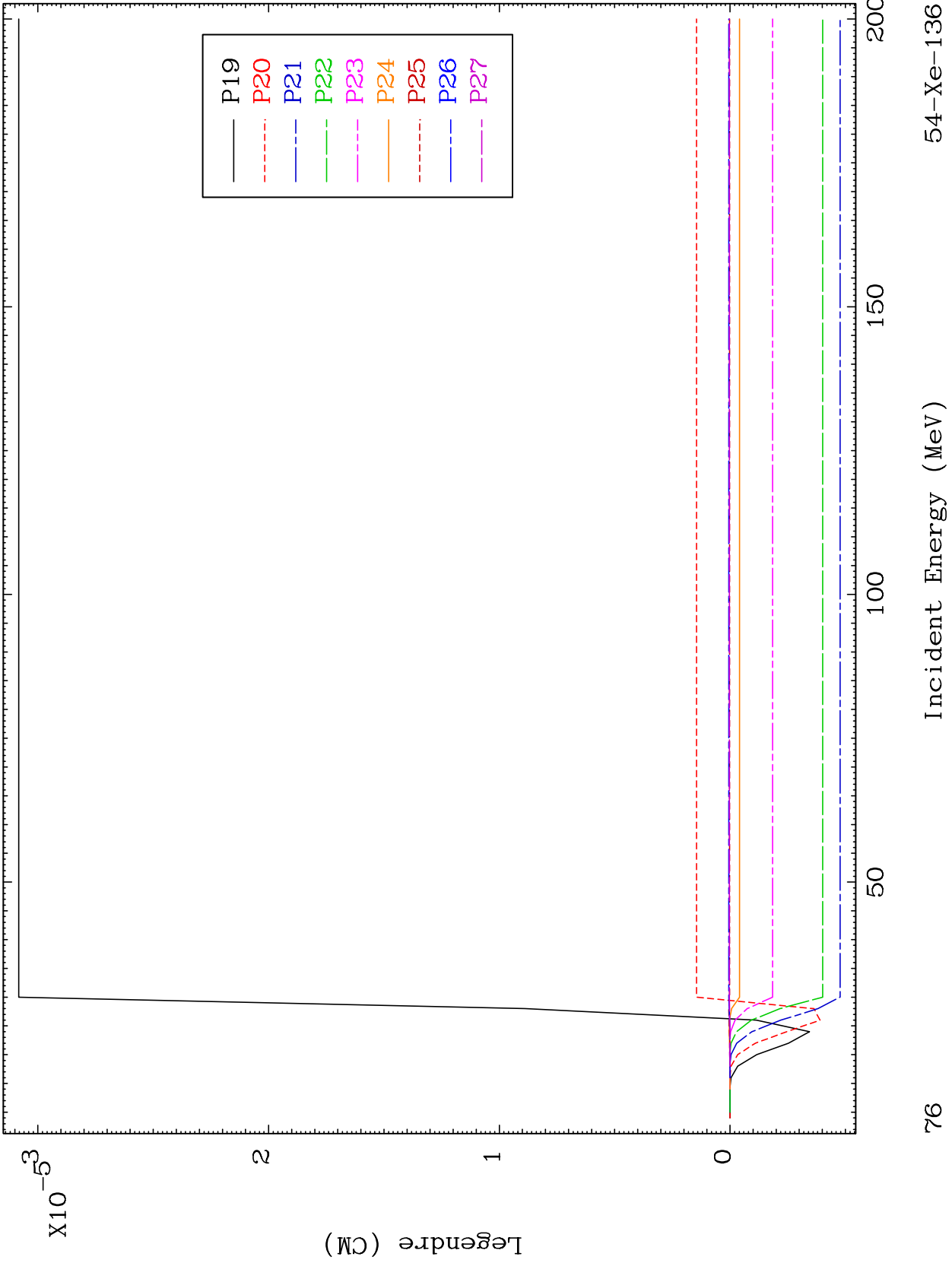
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

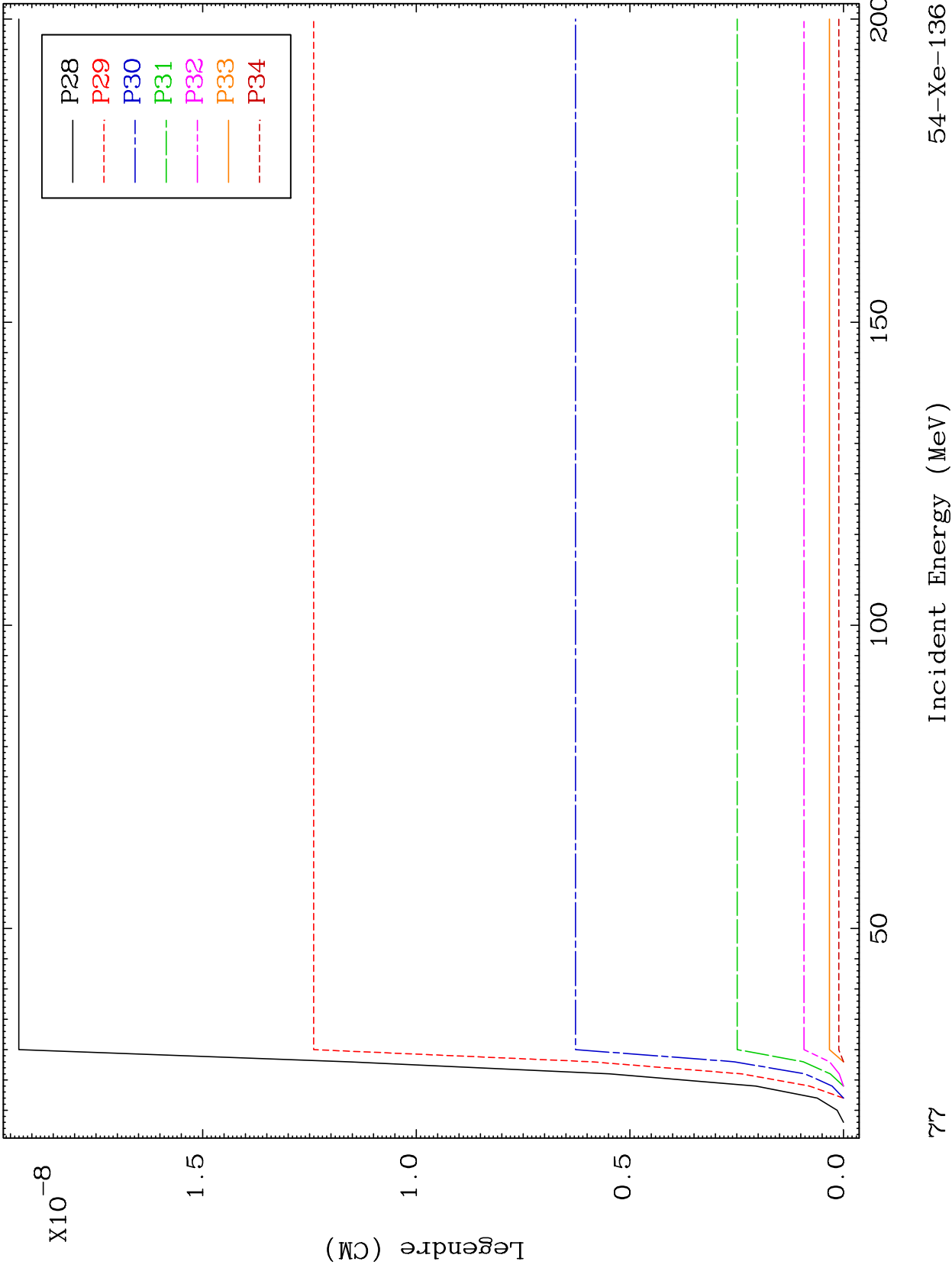
54-Xe-136



MAT 5461

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

54-Xe-136



77

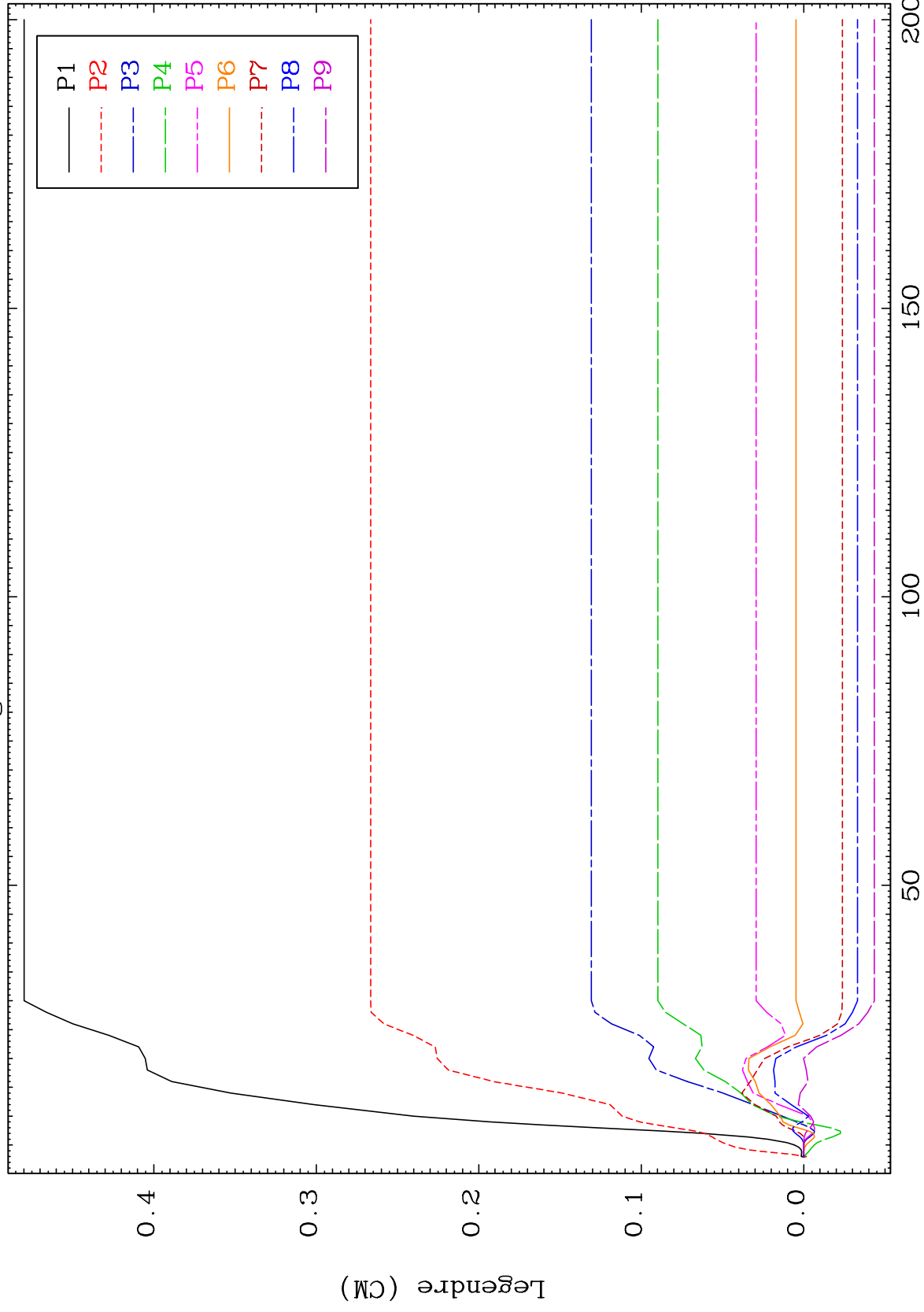
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



78

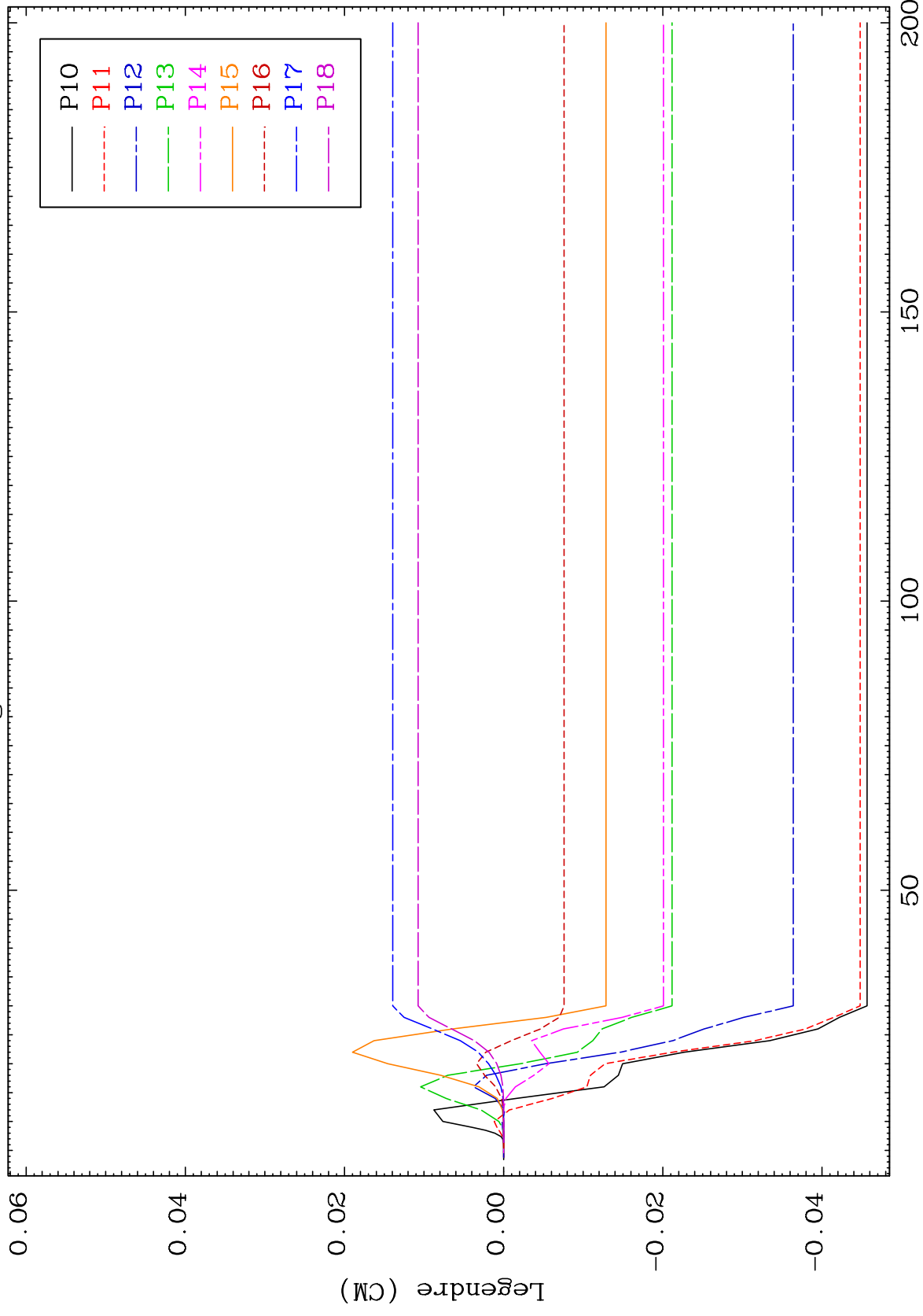
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



79

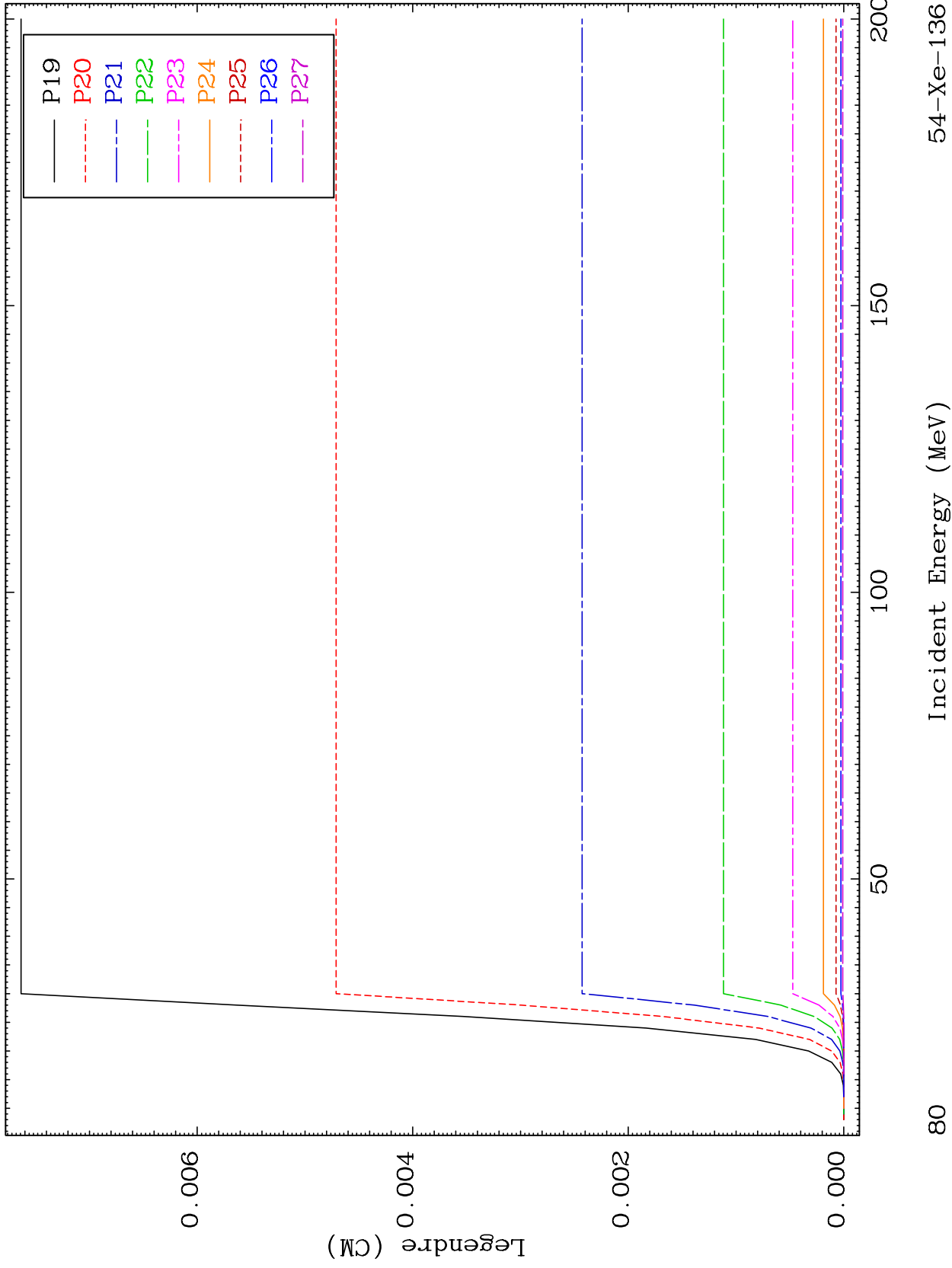
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



54-Xe-136

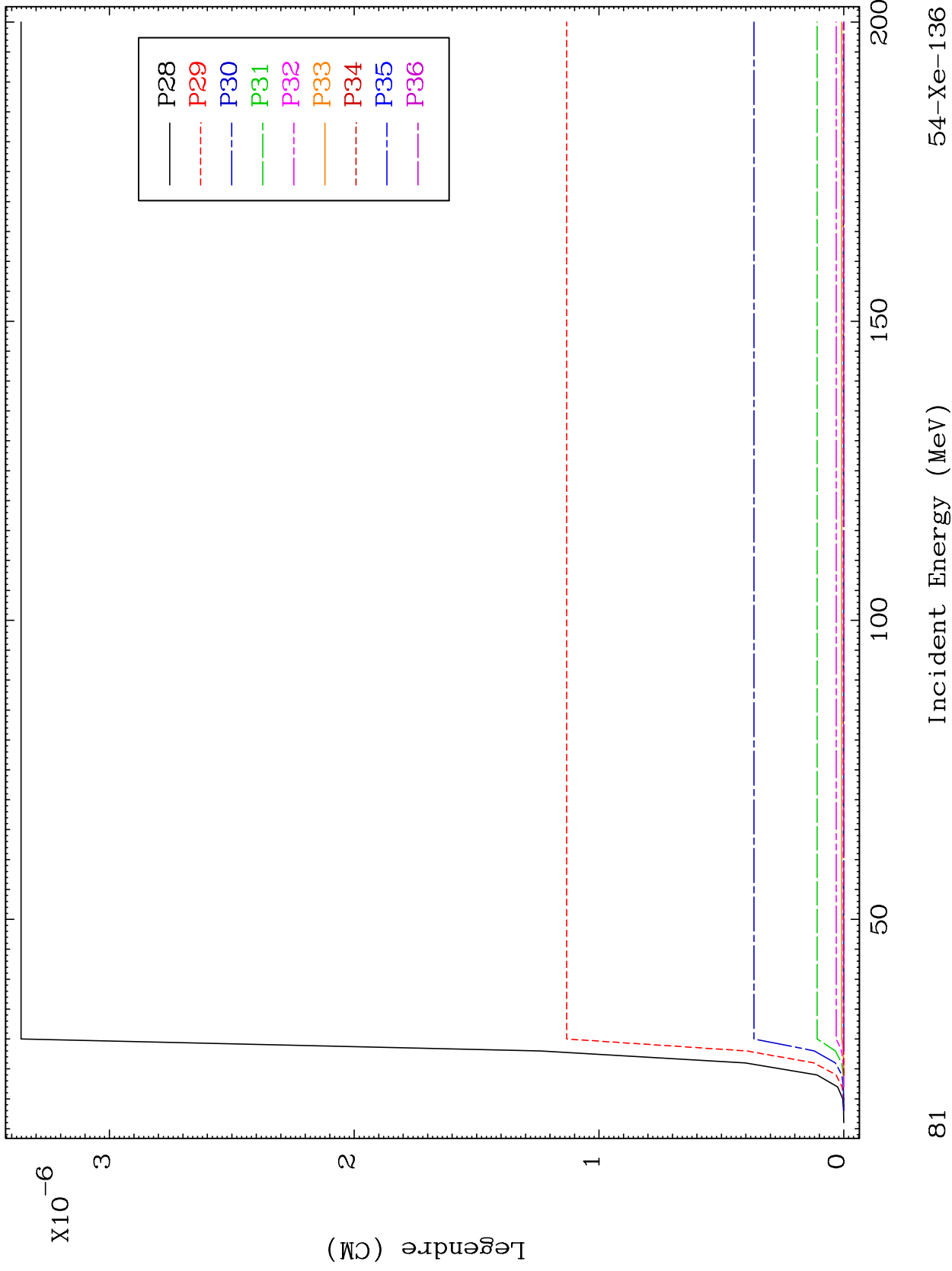
Incident Energy (MeV)

80

MAT 5461

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

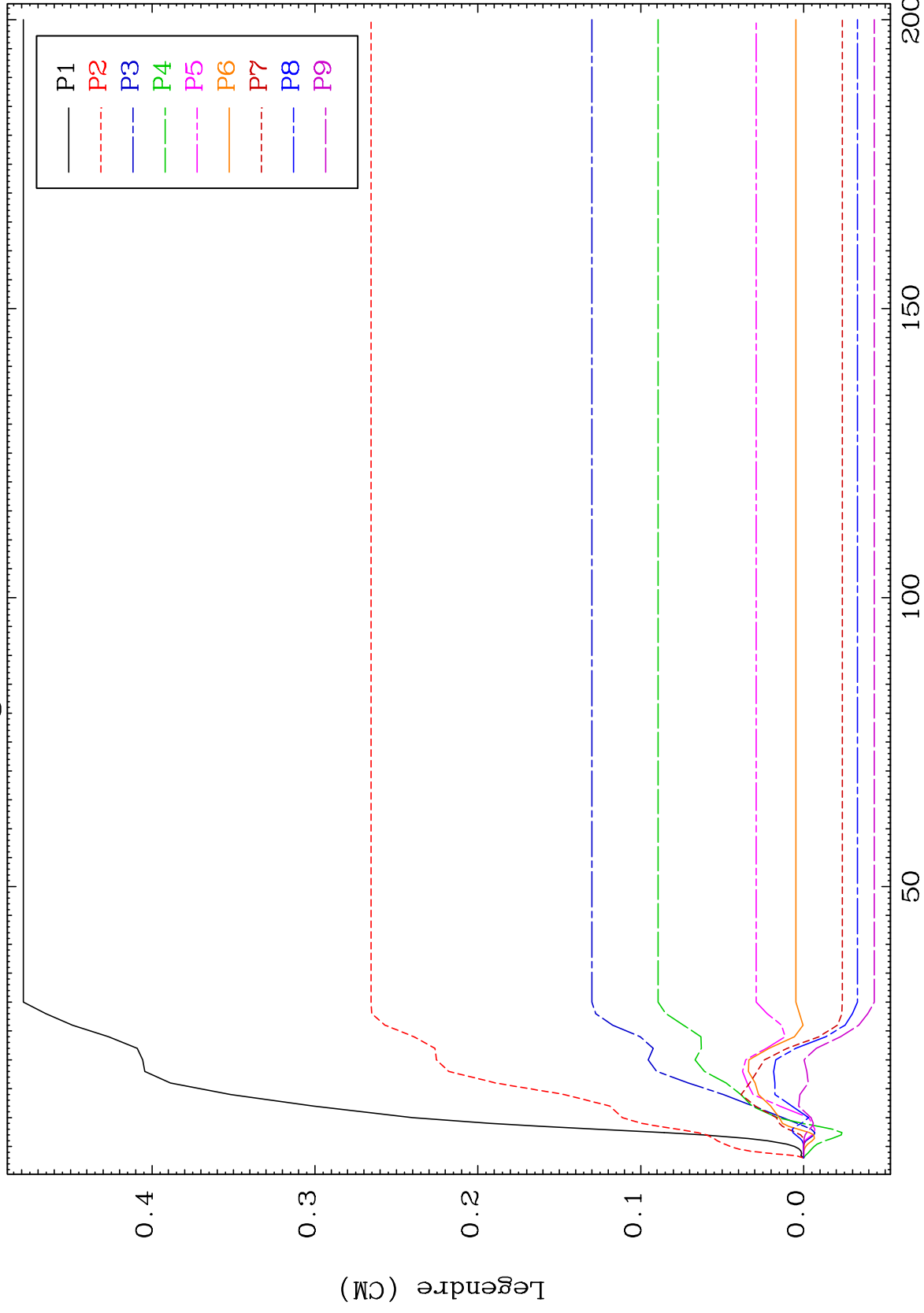
54-Xe-136



MAT 5461

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

54-Xe-136



82

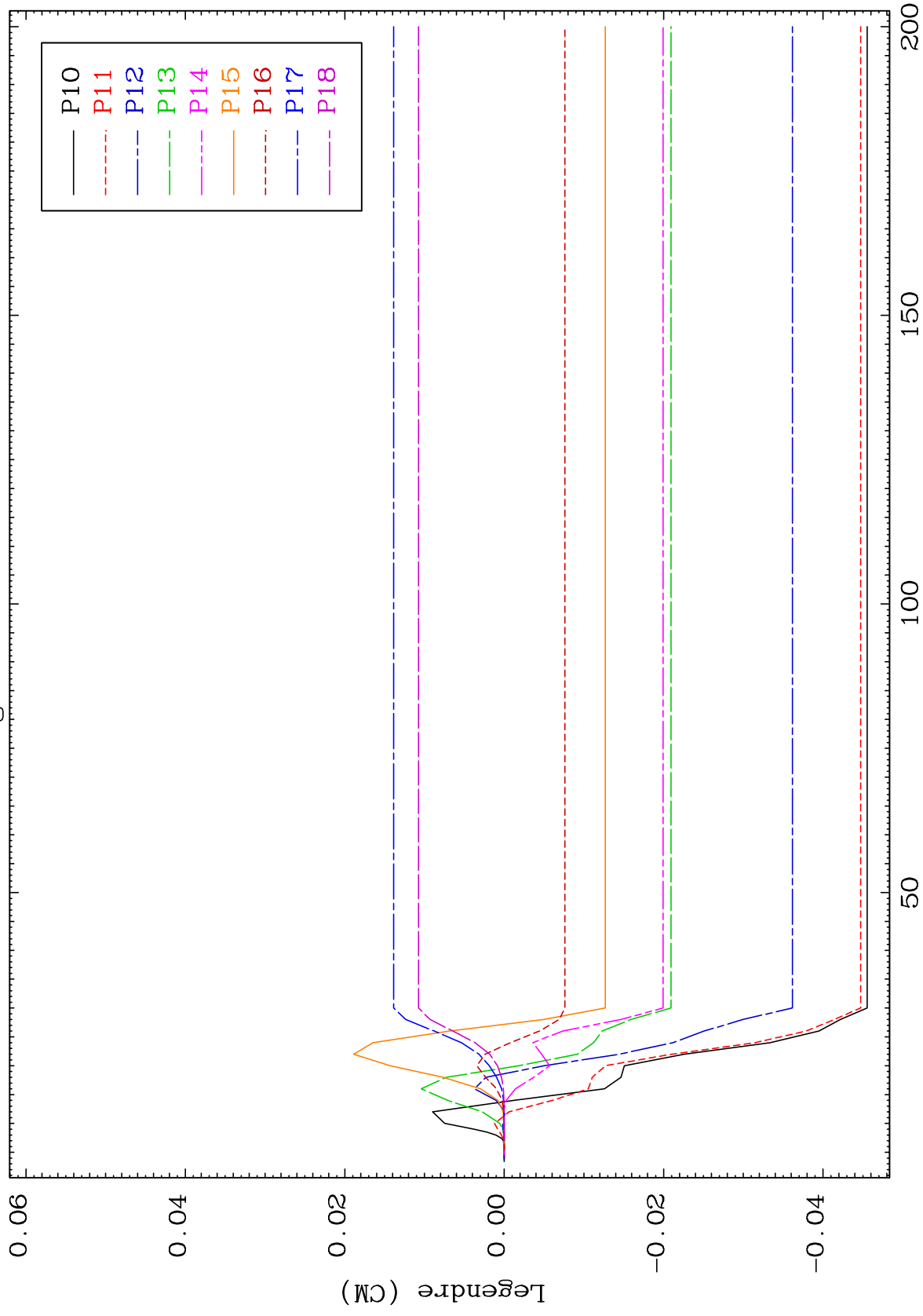
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



83

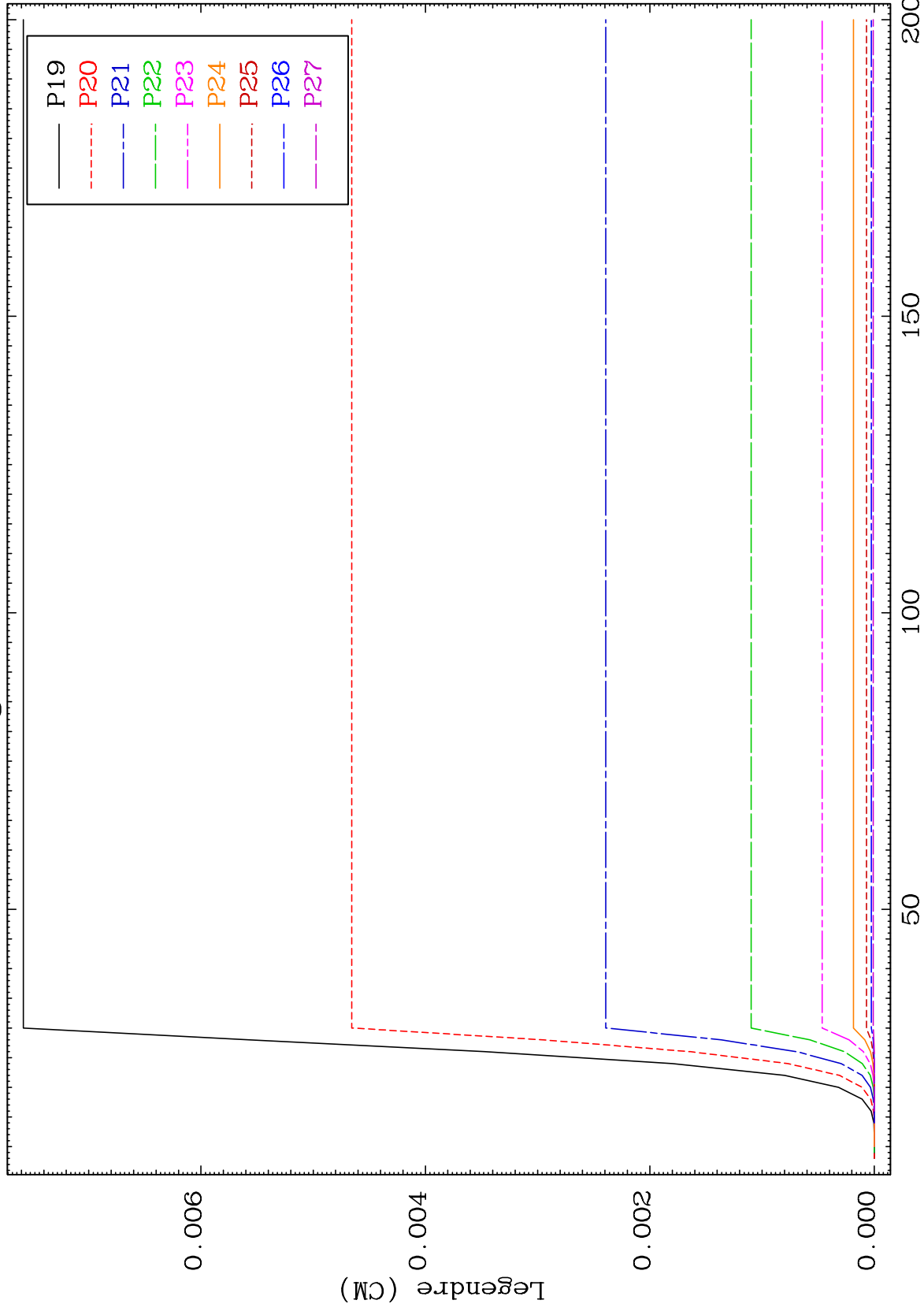
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



84

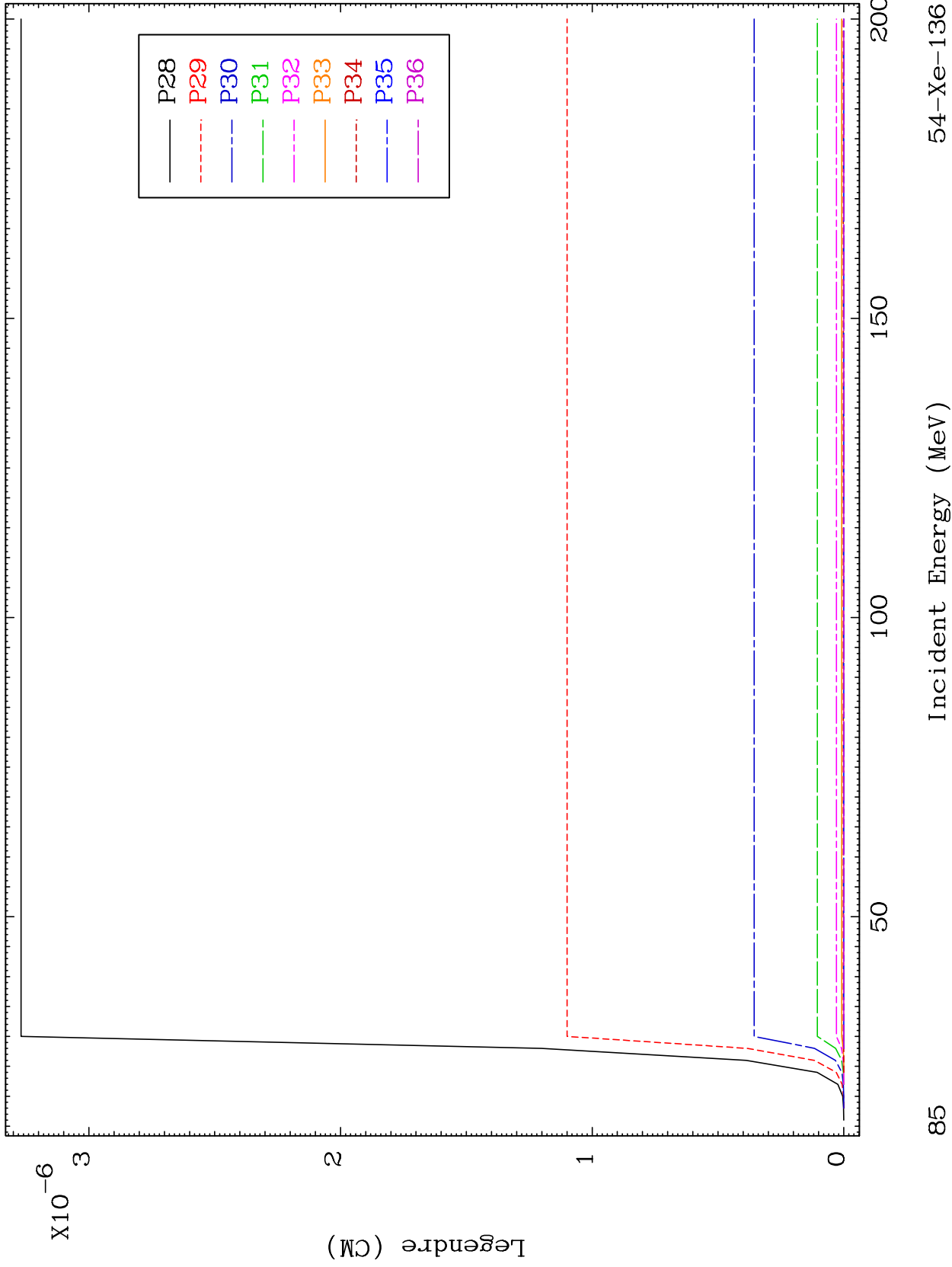
Incident Energy (MeV)

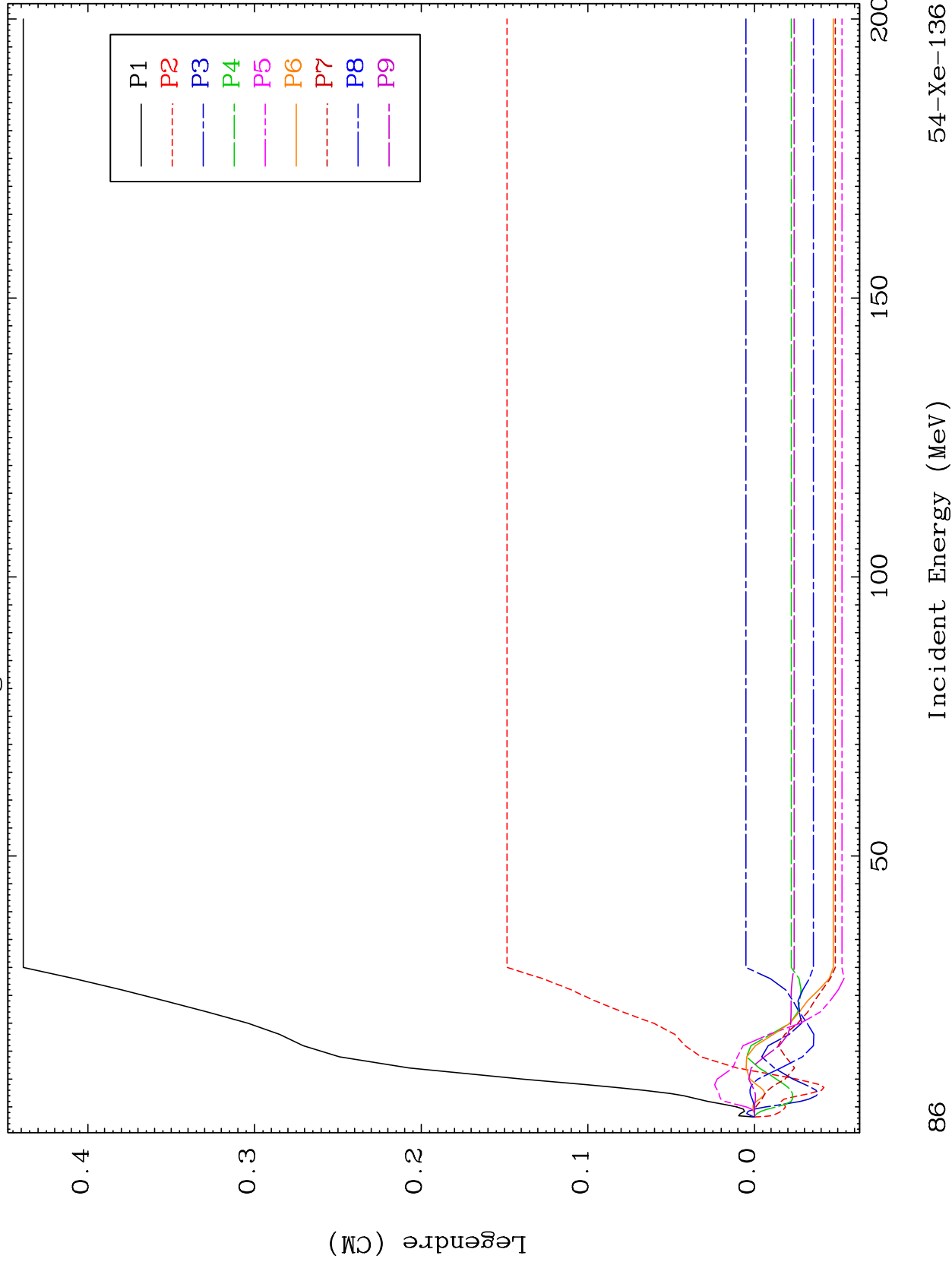
54-Xe-136

MAT 5461

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

54-Xe-136

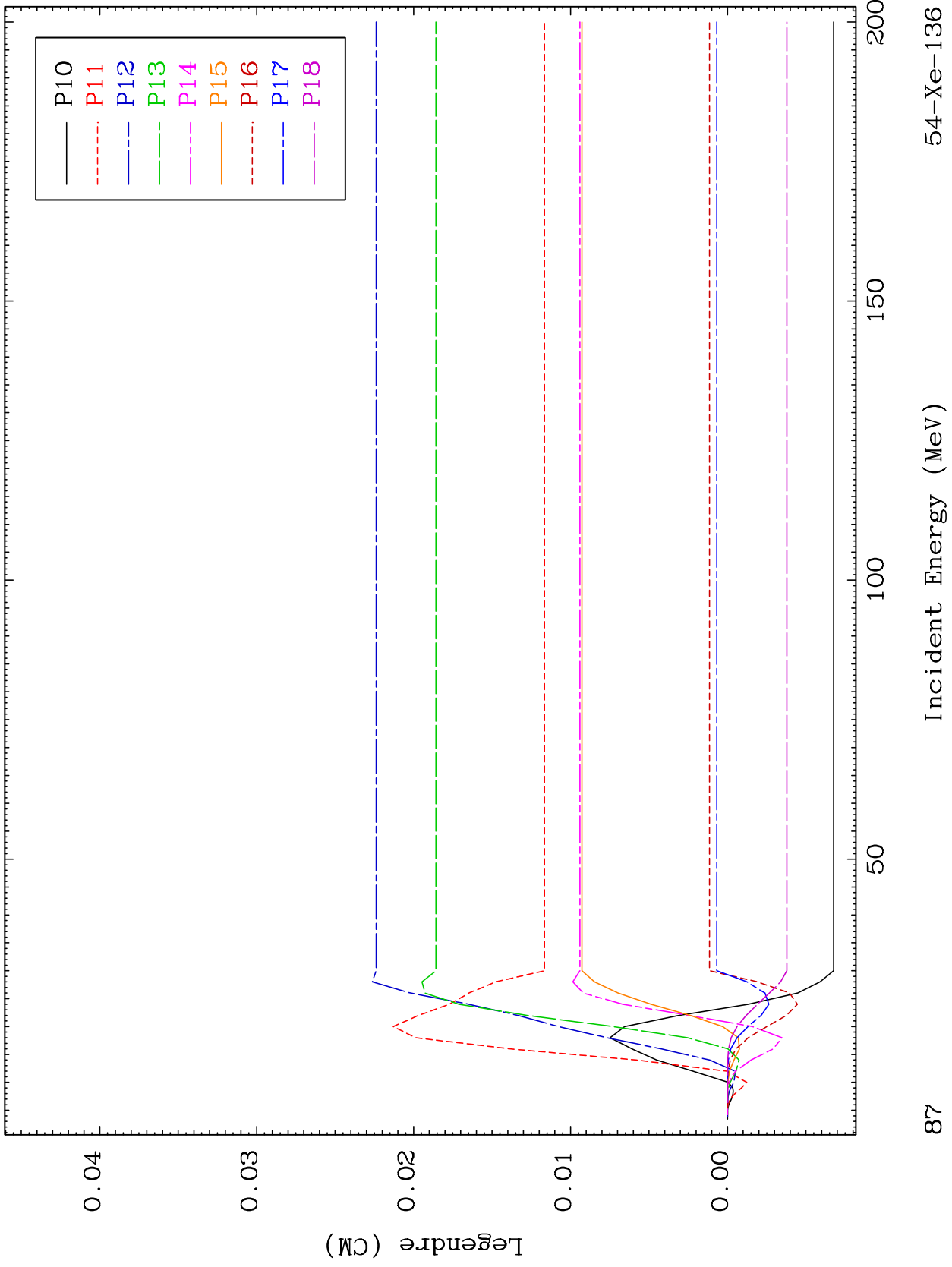




MAT 5461

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

54-Xe-136



87

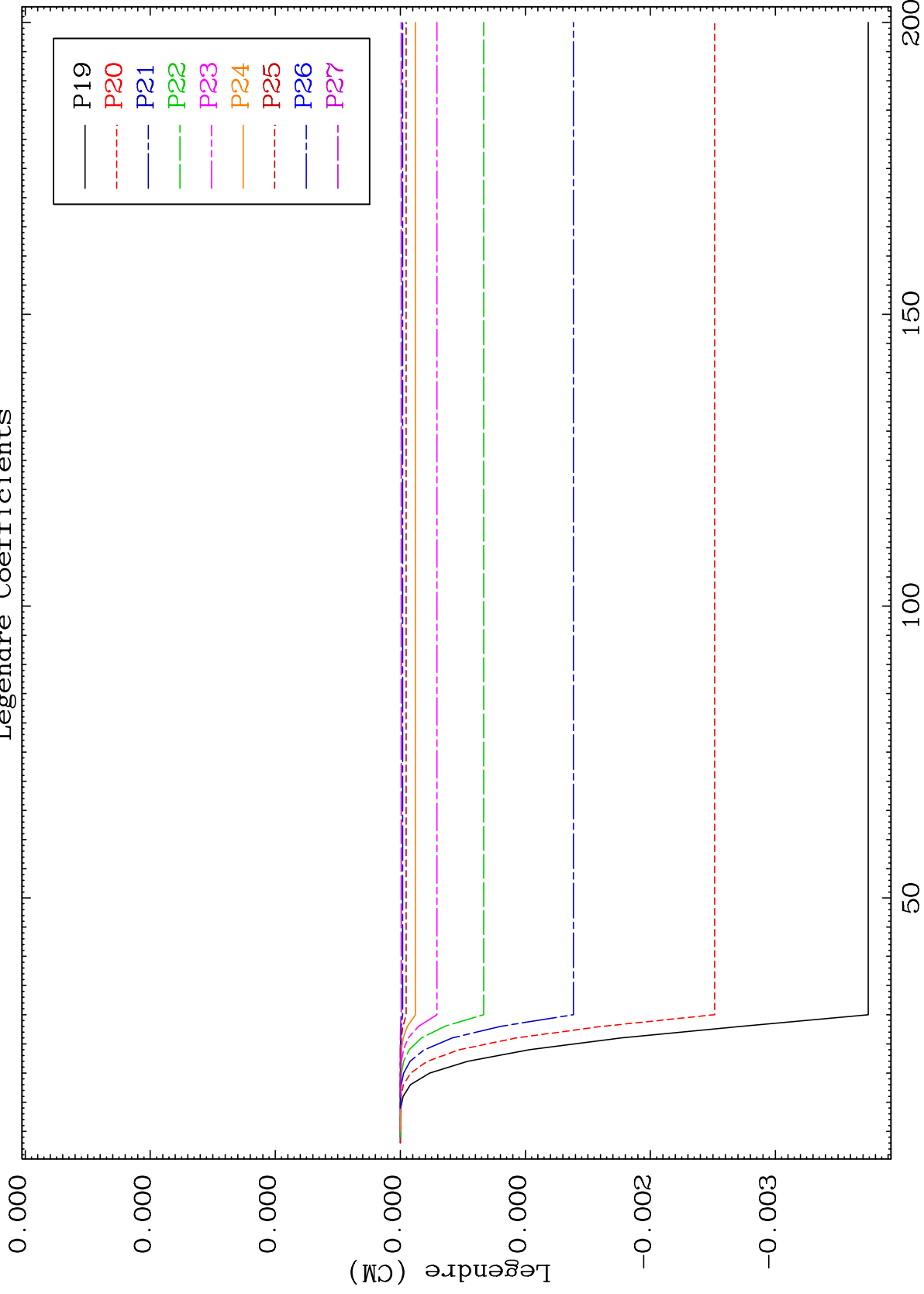
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



88

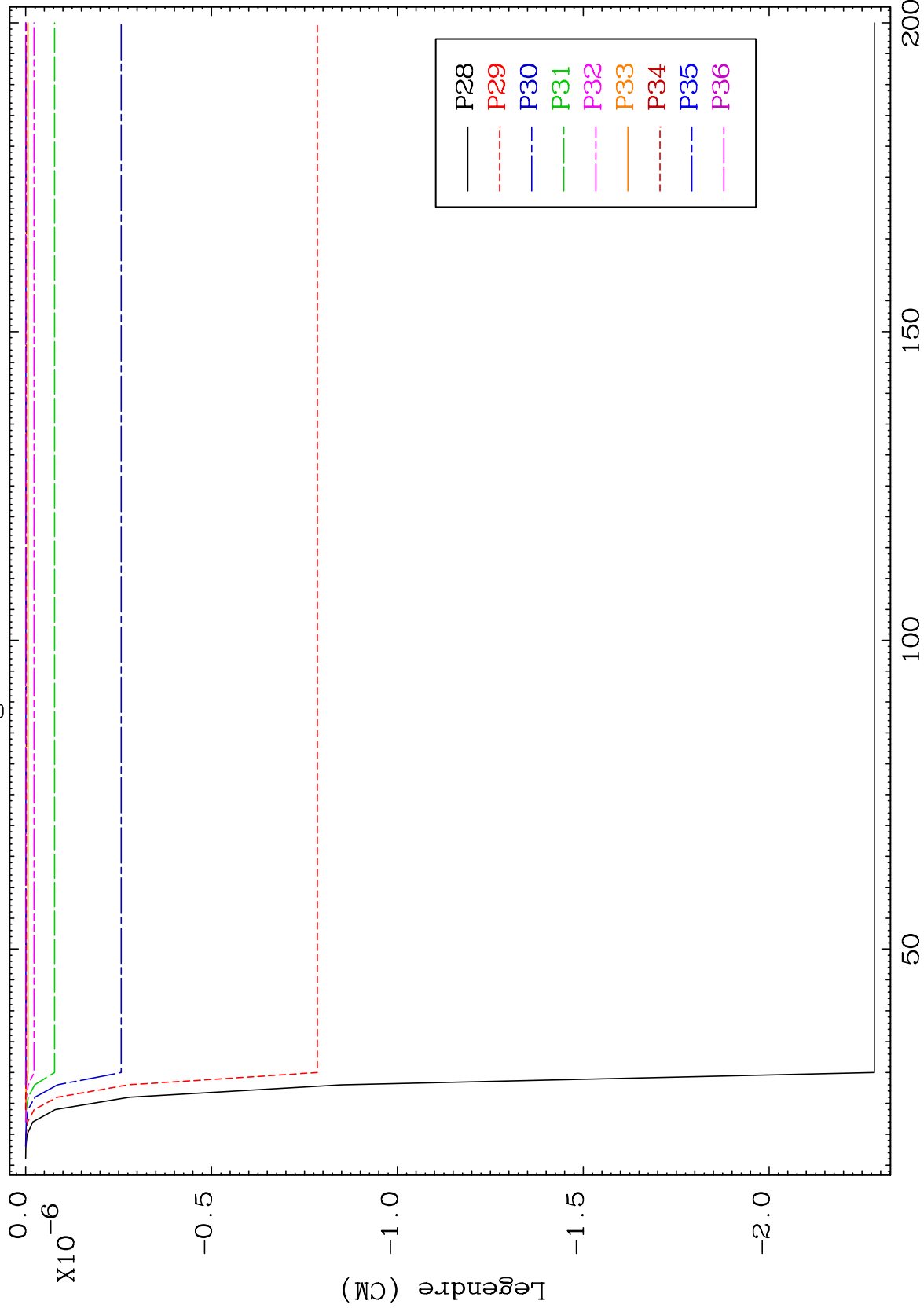
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



89

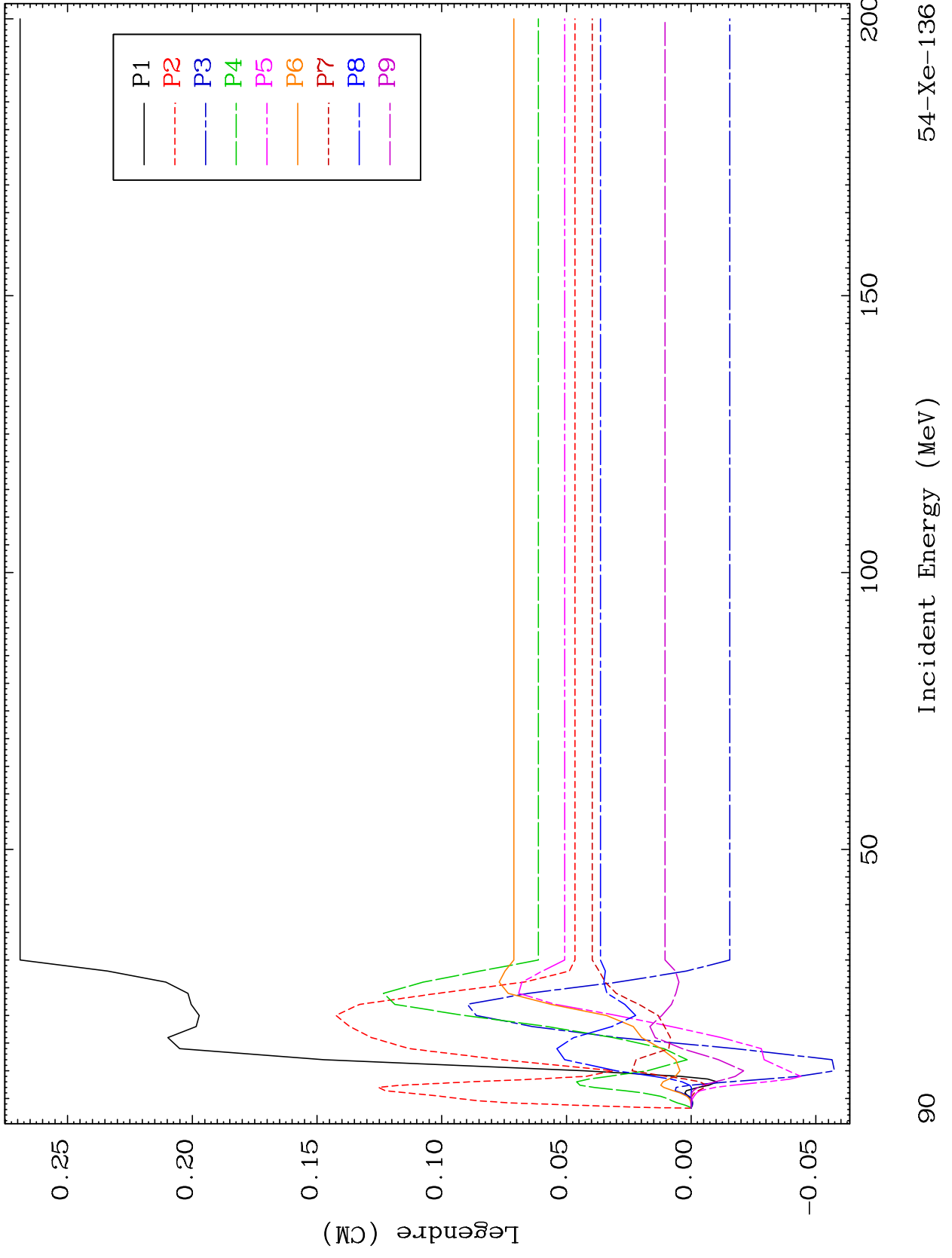
Incident Energy (MeV)

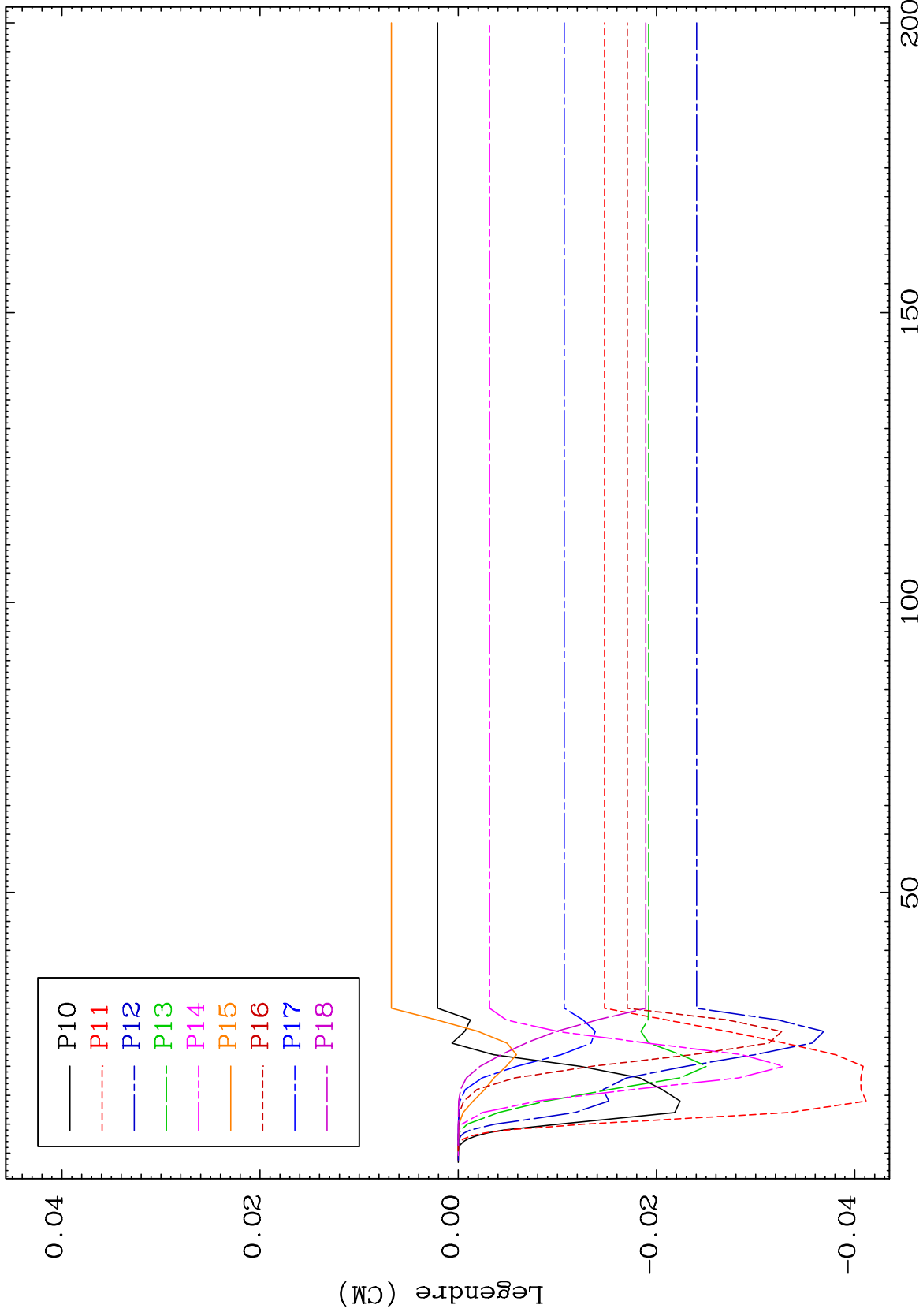
54-Xe-136

MAT 5461

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

54-Xe-136

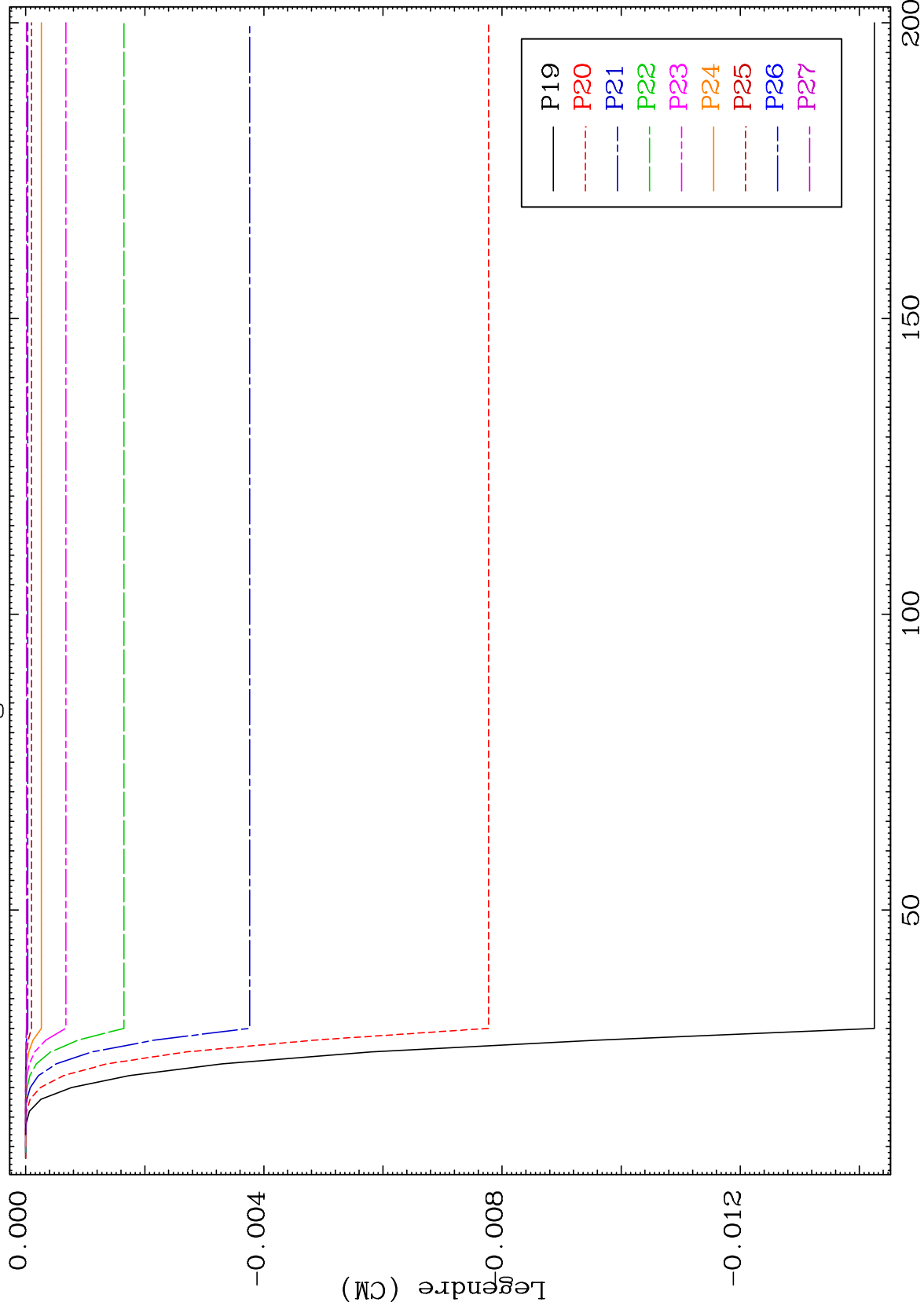




MAT 5461

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

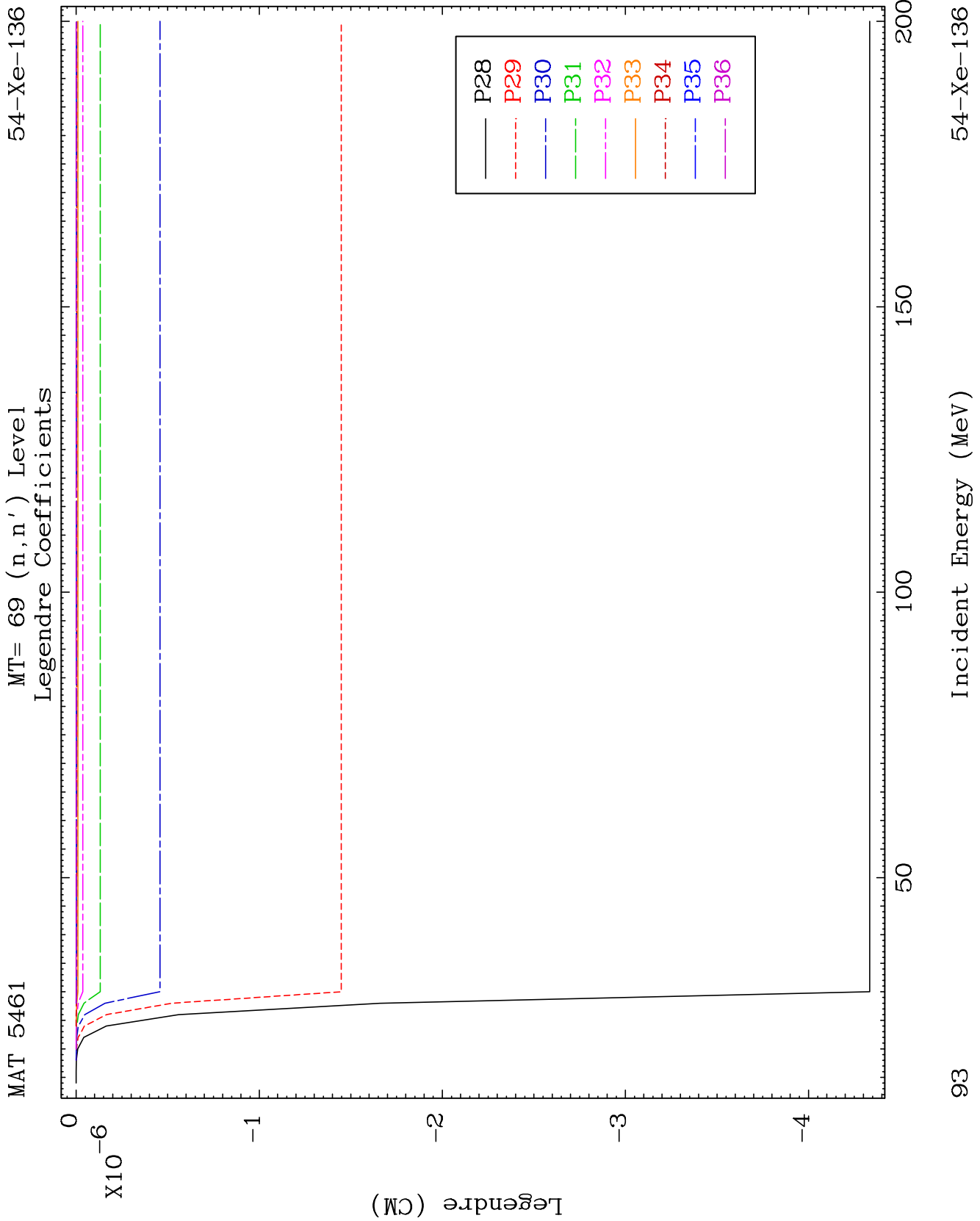
54-Xe-136



92

Incident Energy (MeV)

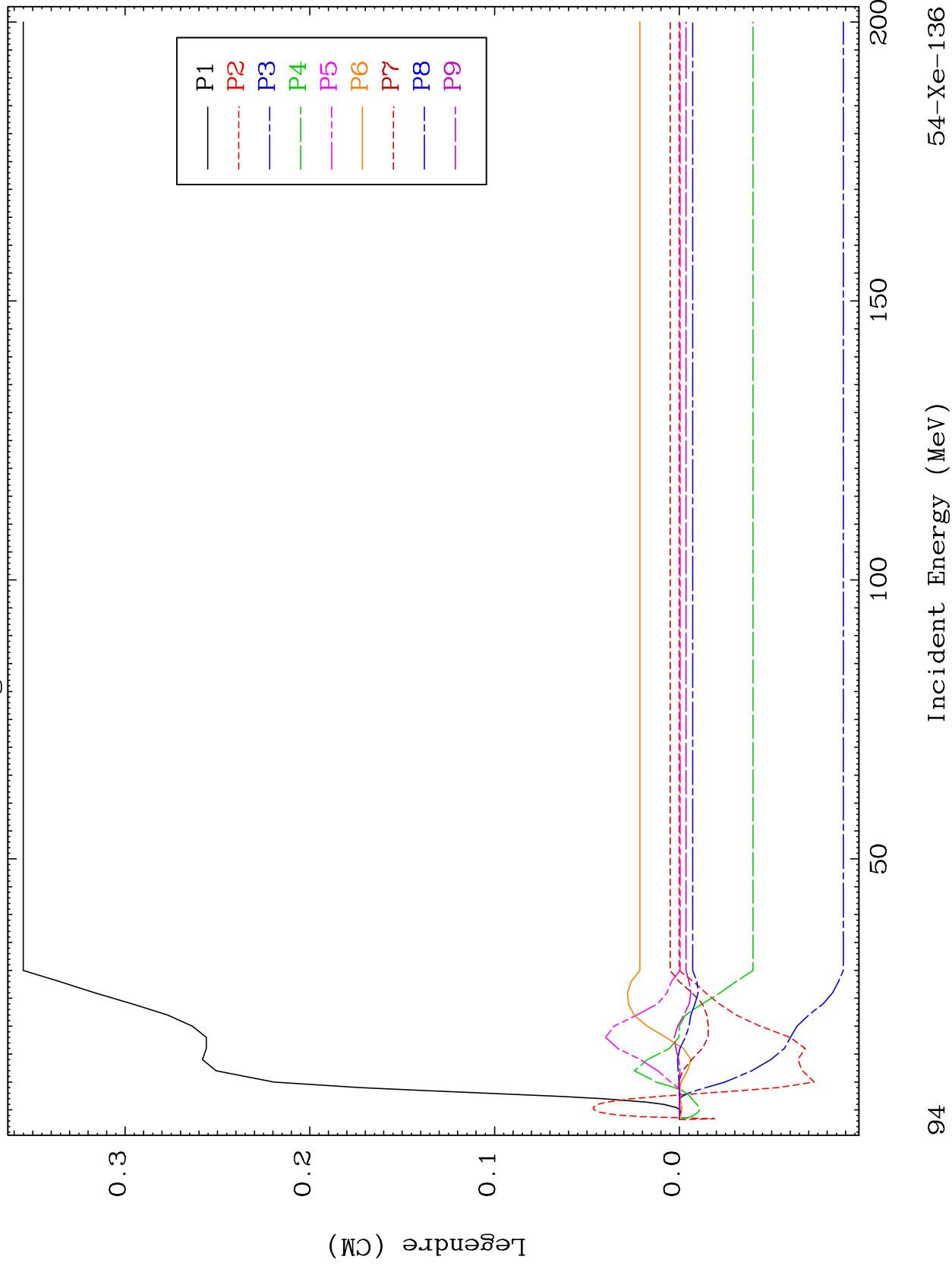
54-Xe-136



MAT 5461

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

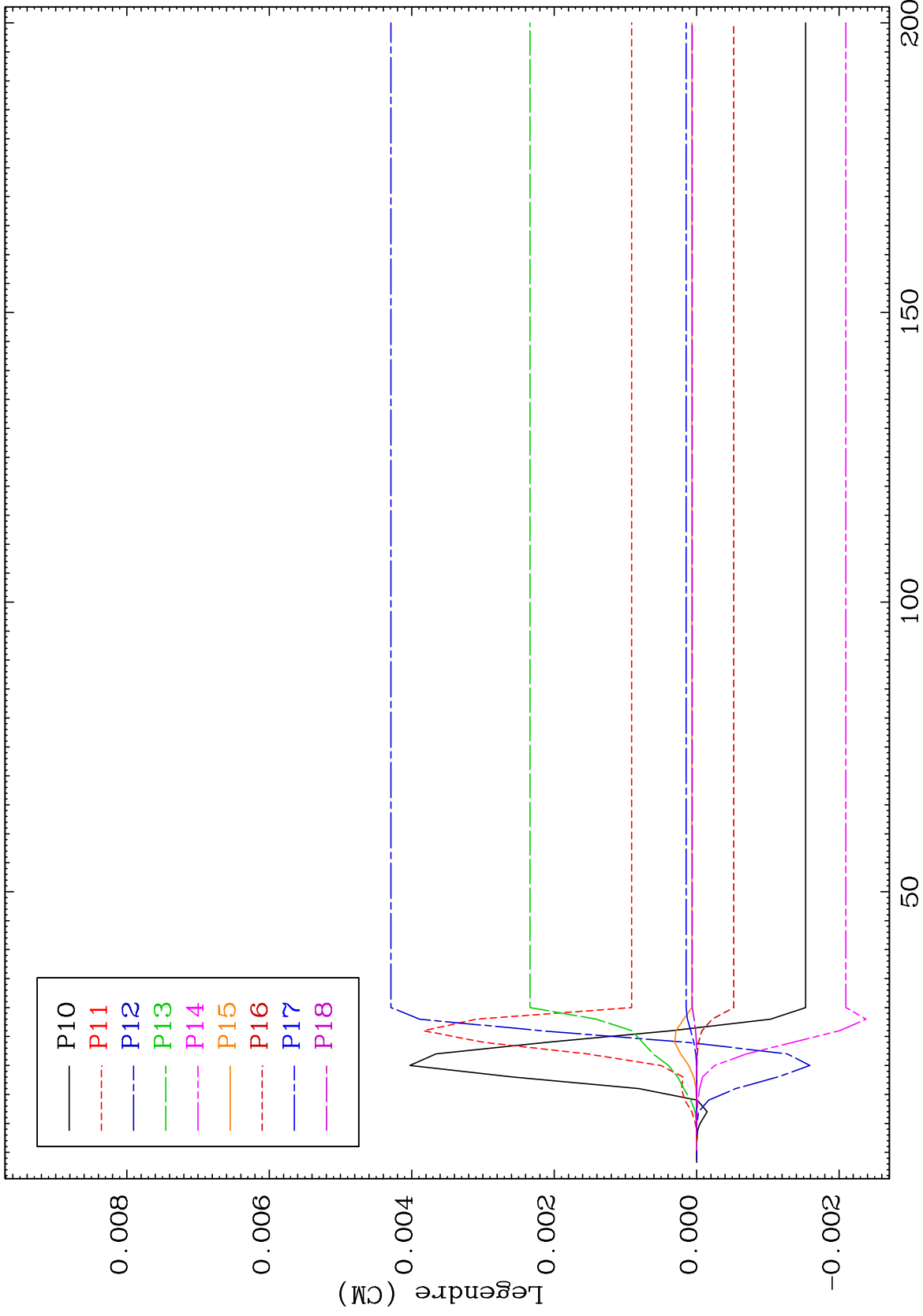
54-Xe-136

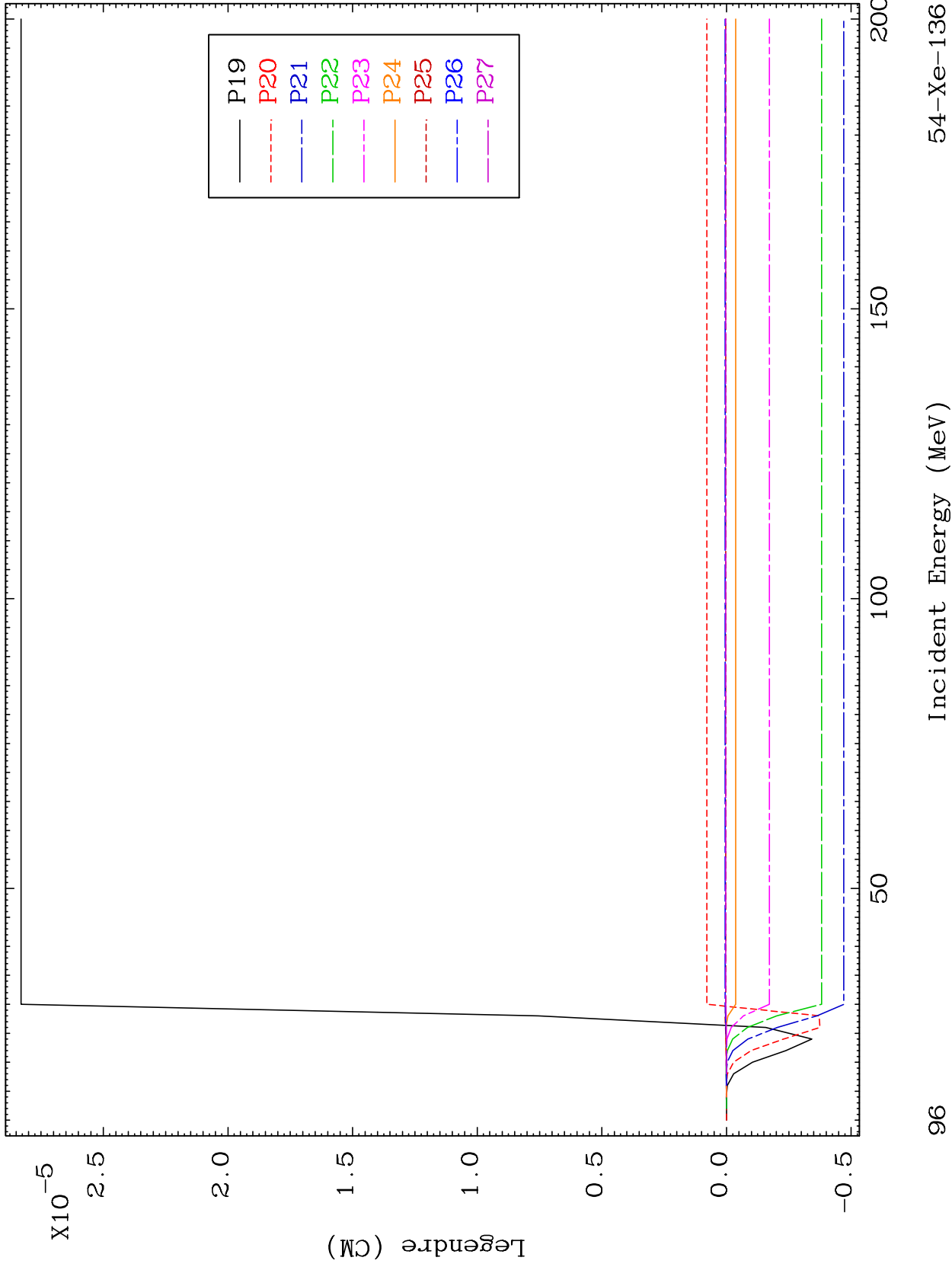


54-Xe-136

Incident Energy (MeV)

94

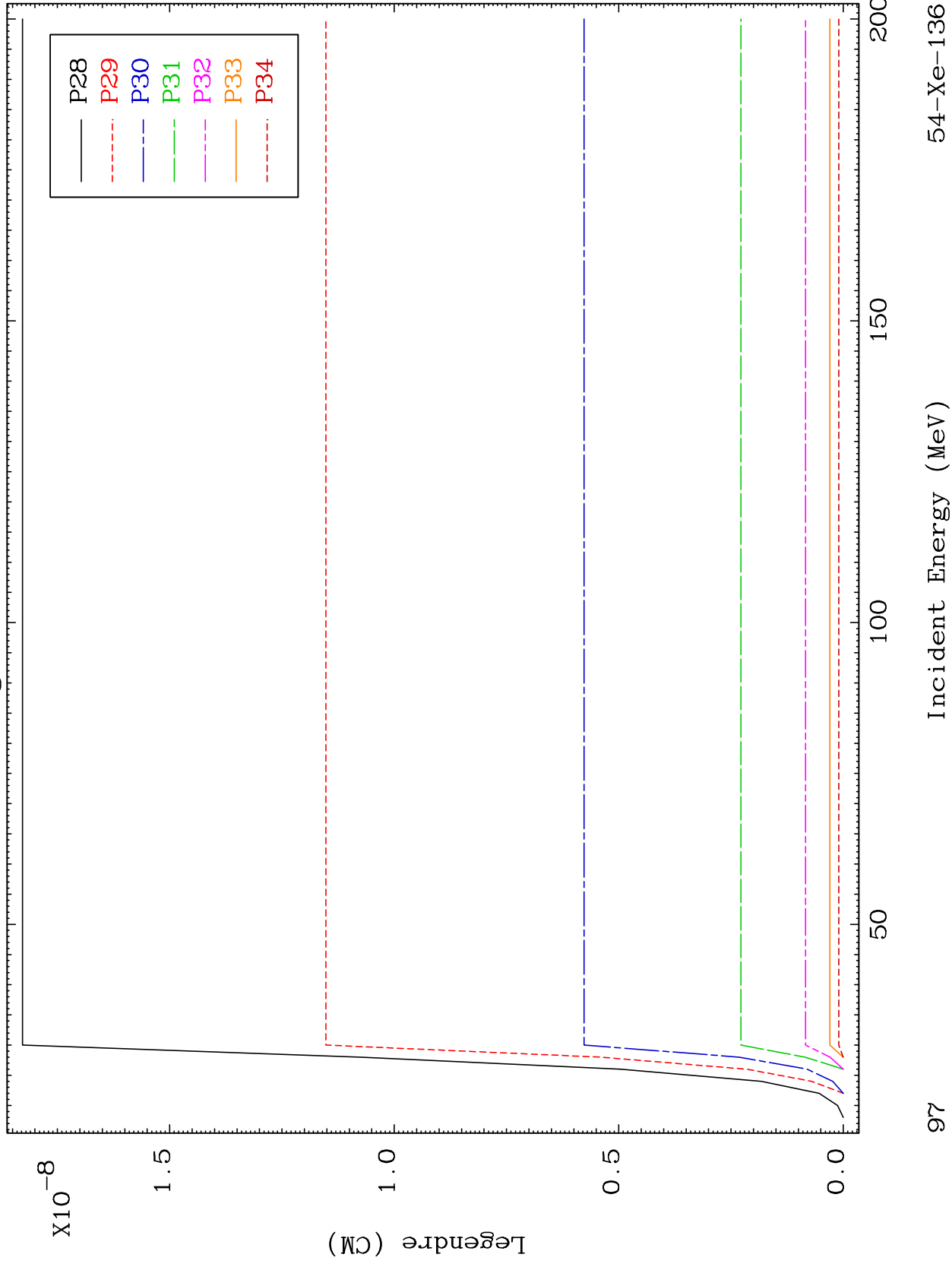


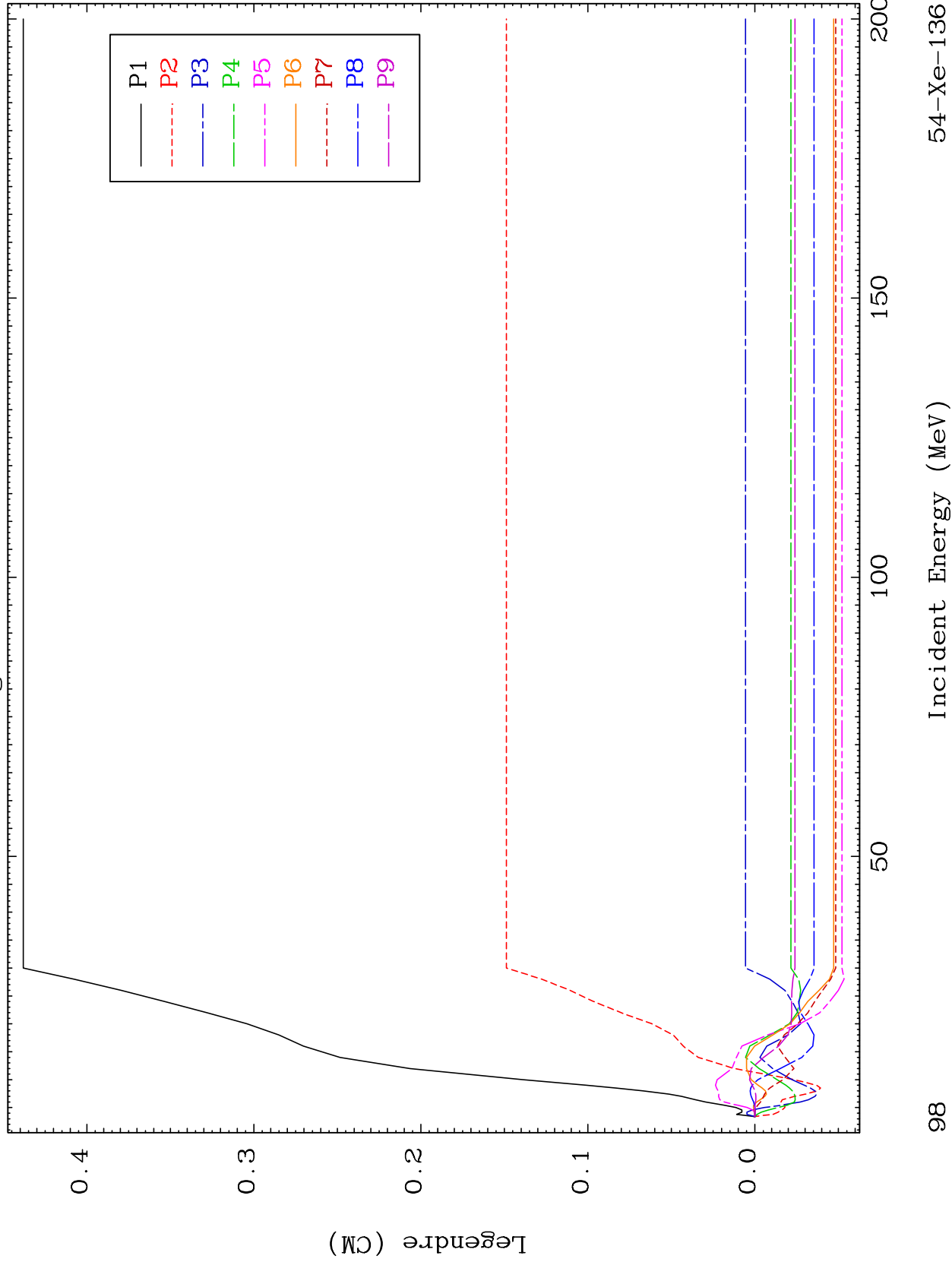


MAT 5461

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

54-Xe-136

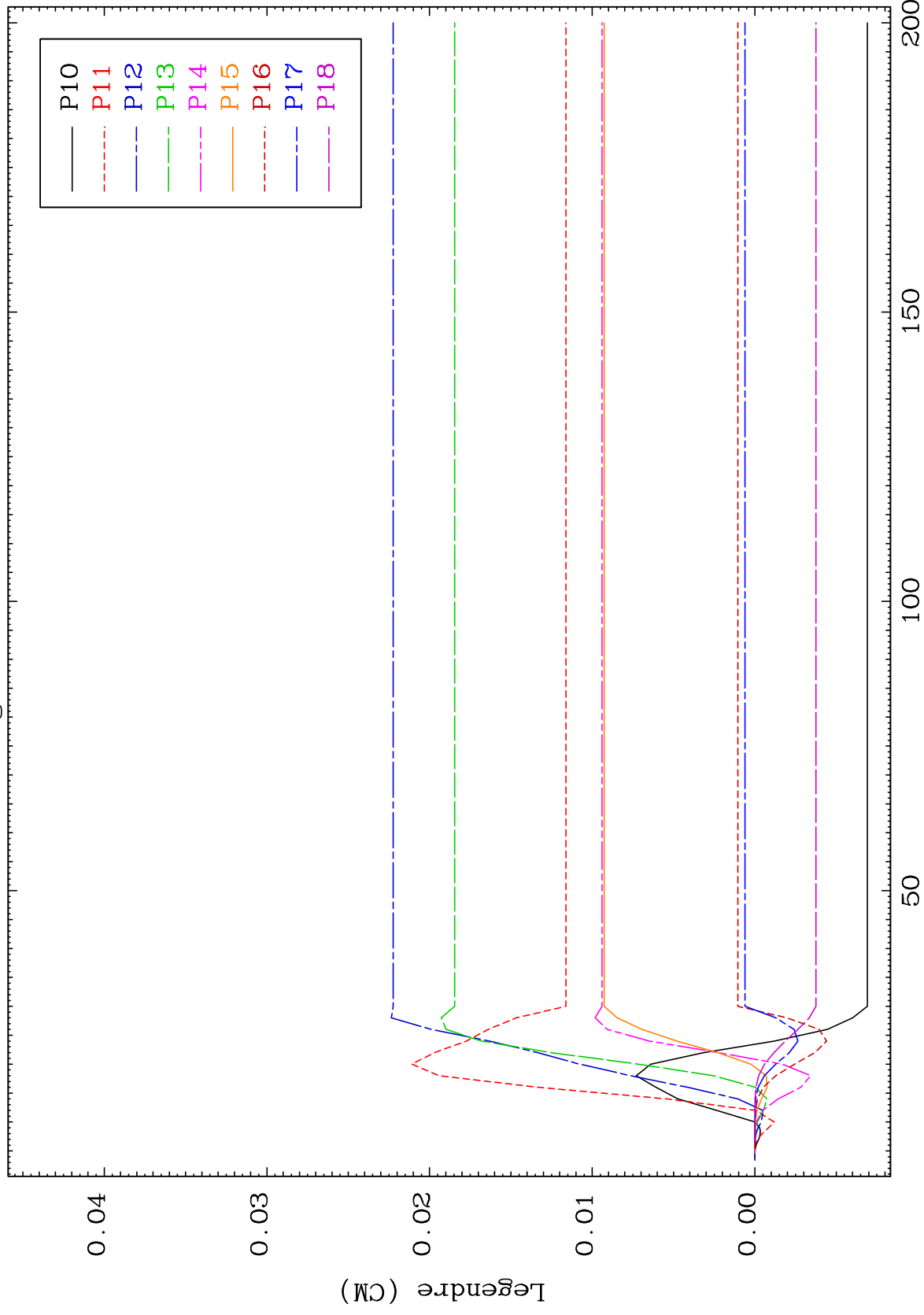




MAT 5461

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

54-Xe-136



99

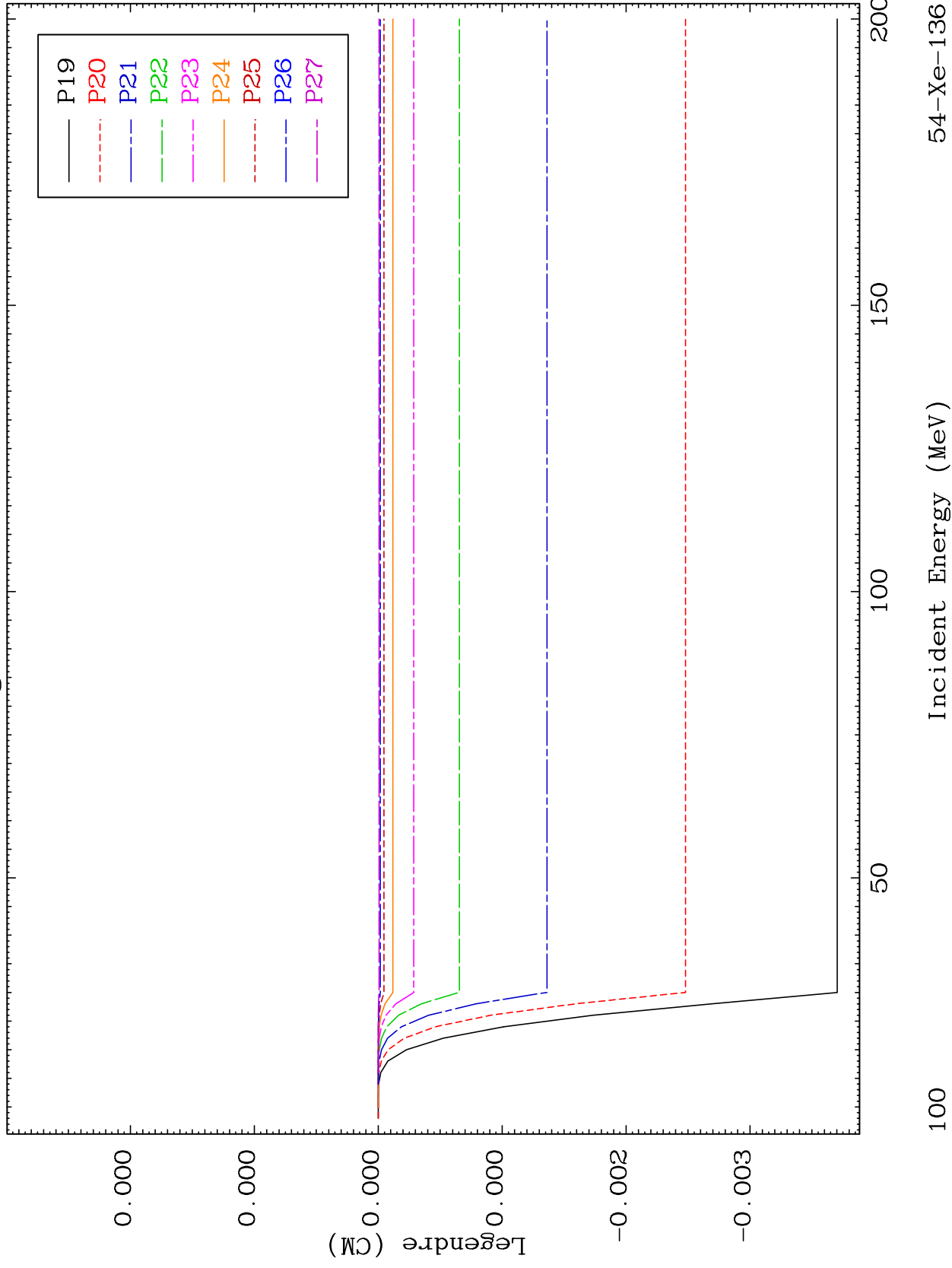
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



54-Xe-136

Incident Energy (MeV)

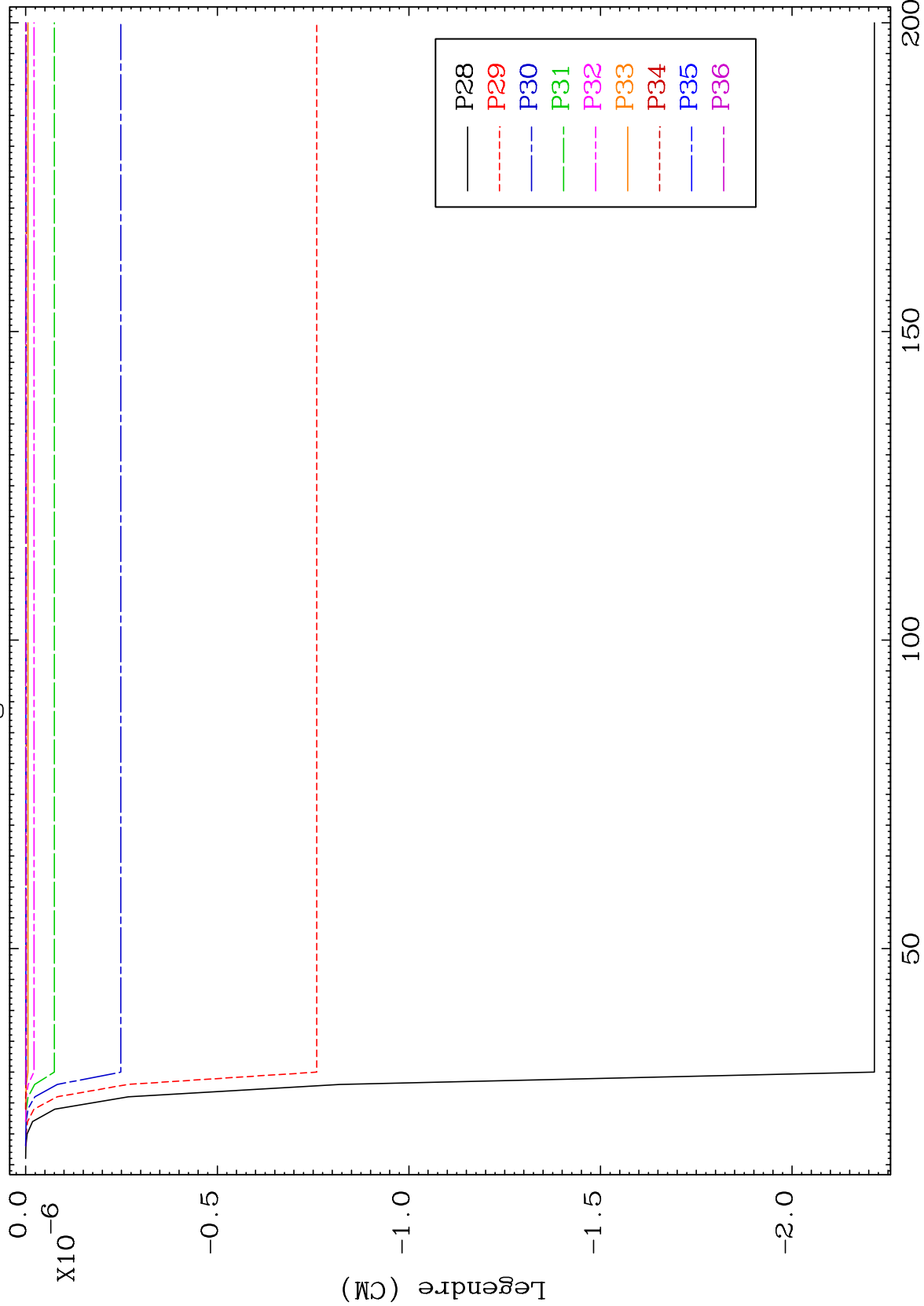
100

MAT 5461

MT= 71 (n,n') Level

54-Xe-136

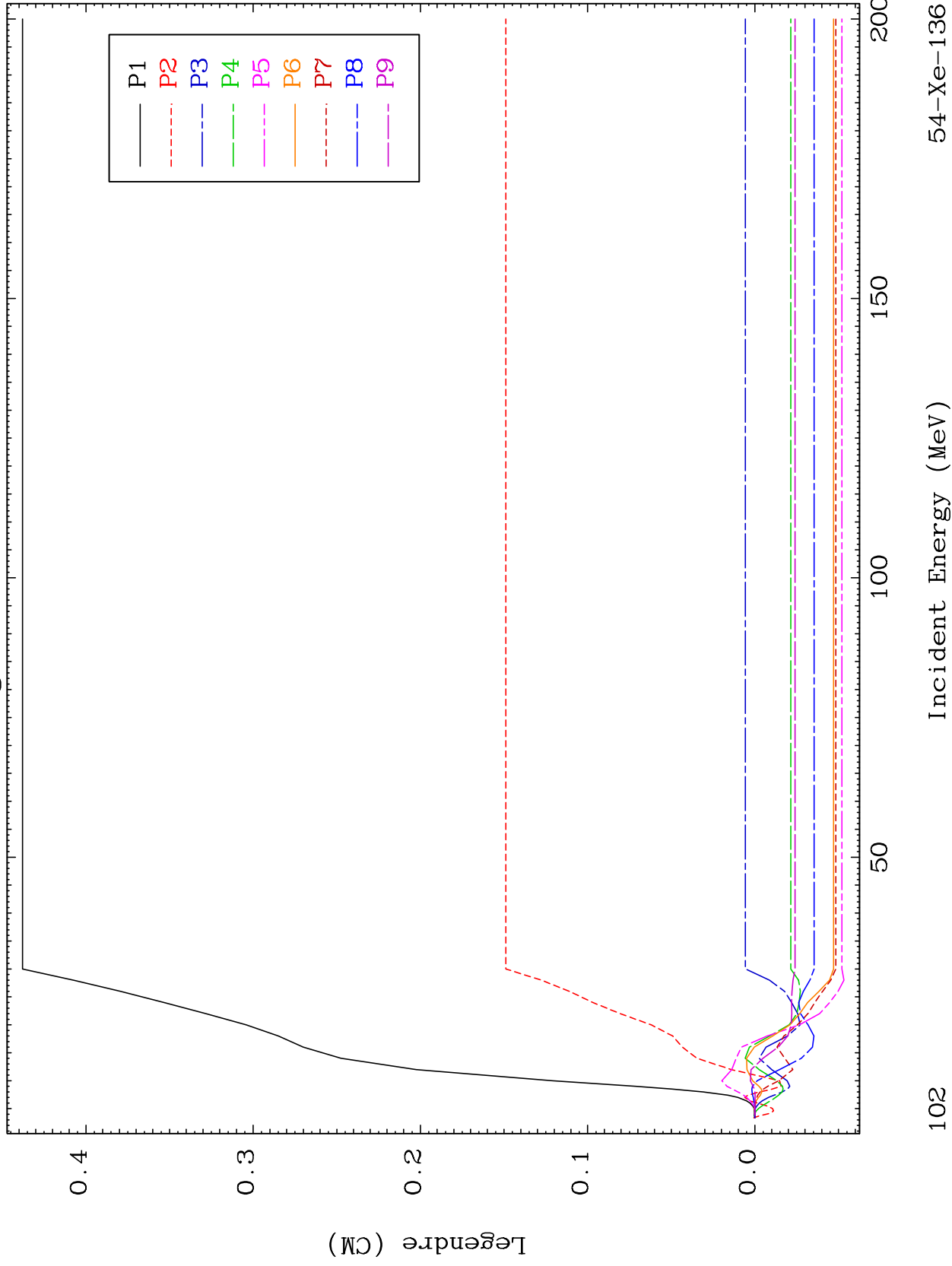
Legendre Coefficients



54-Xe-136

Incident Energy (MeV)

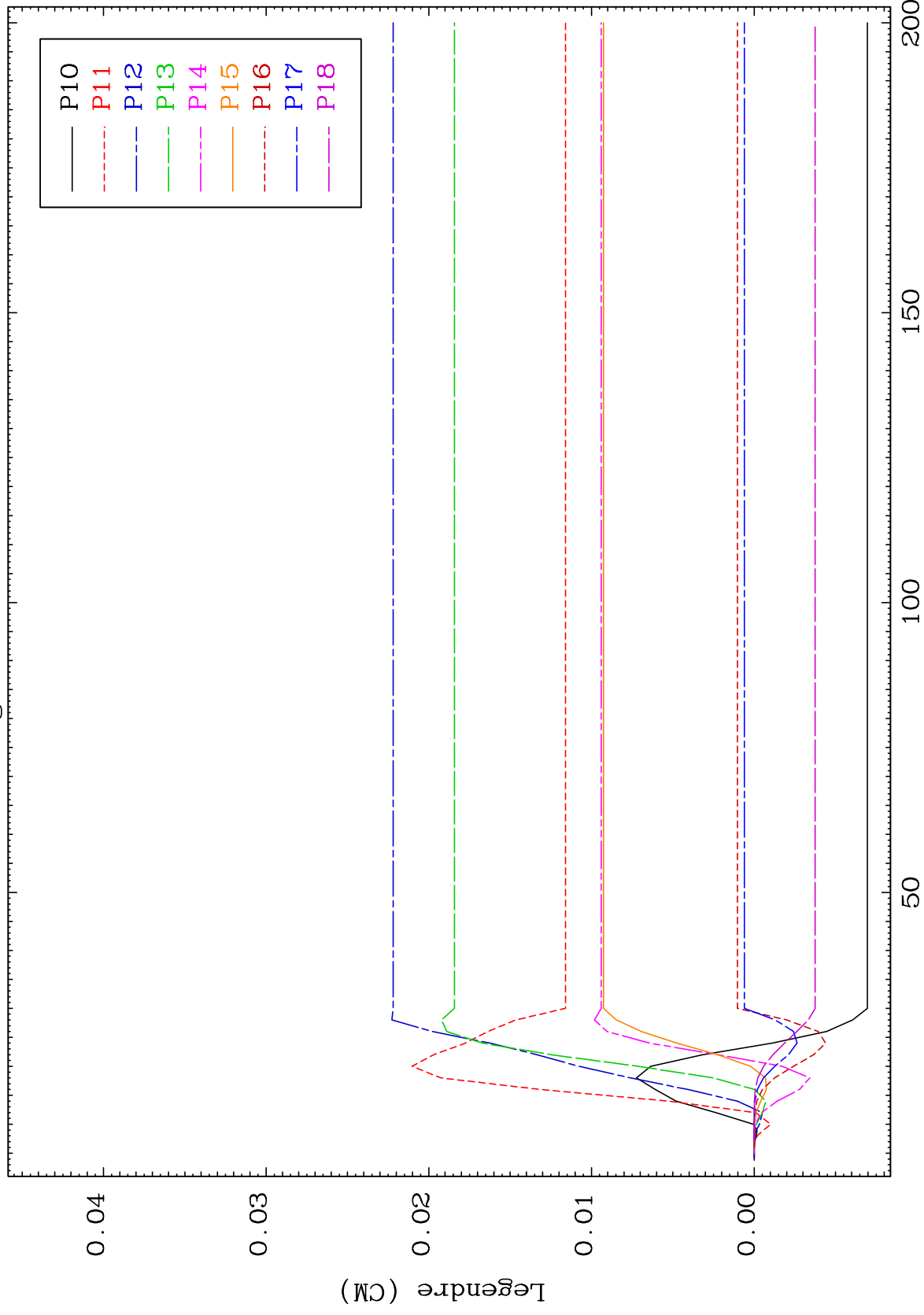
101



MAT 5461

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

54-Xe-136



103

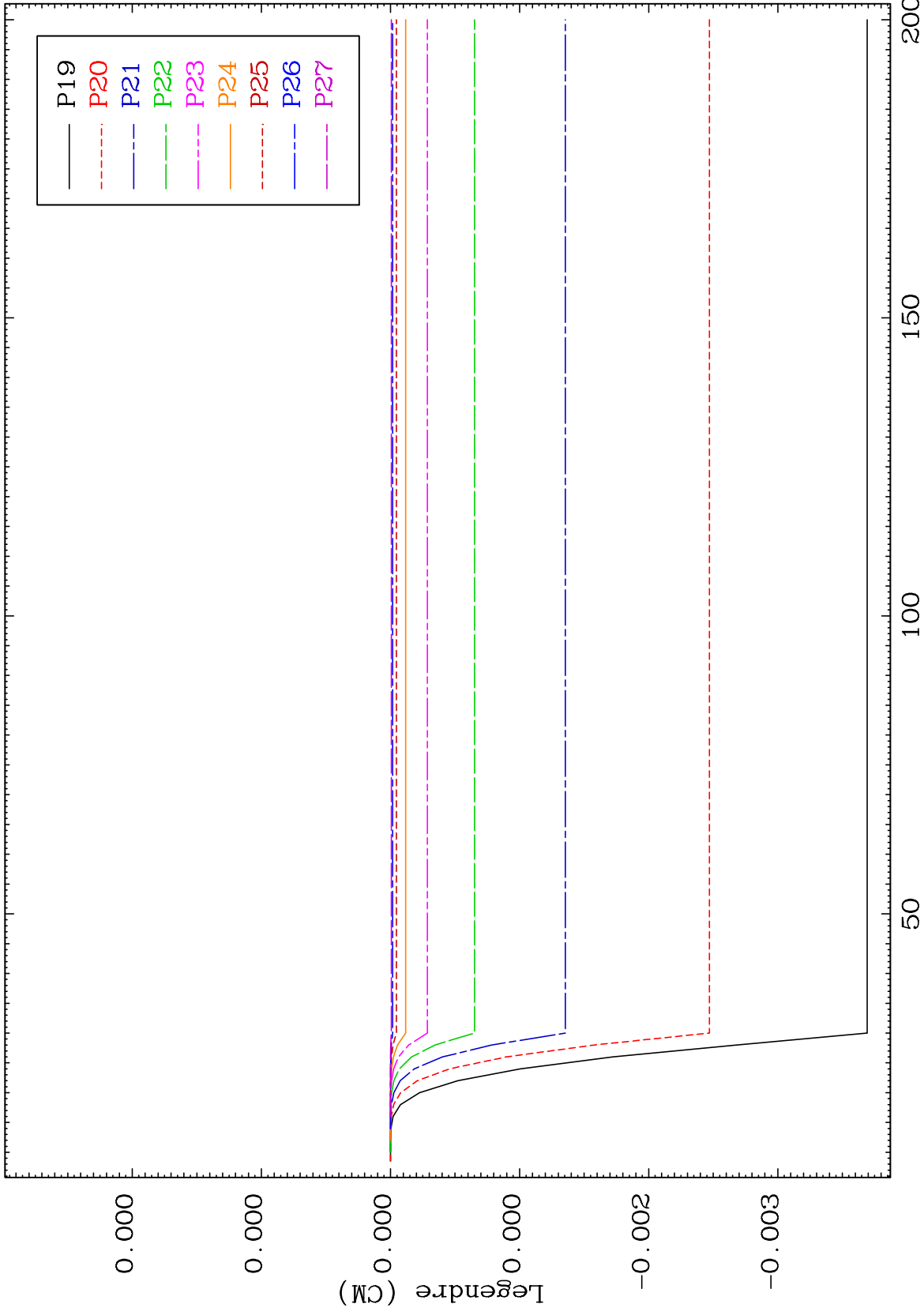
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



104

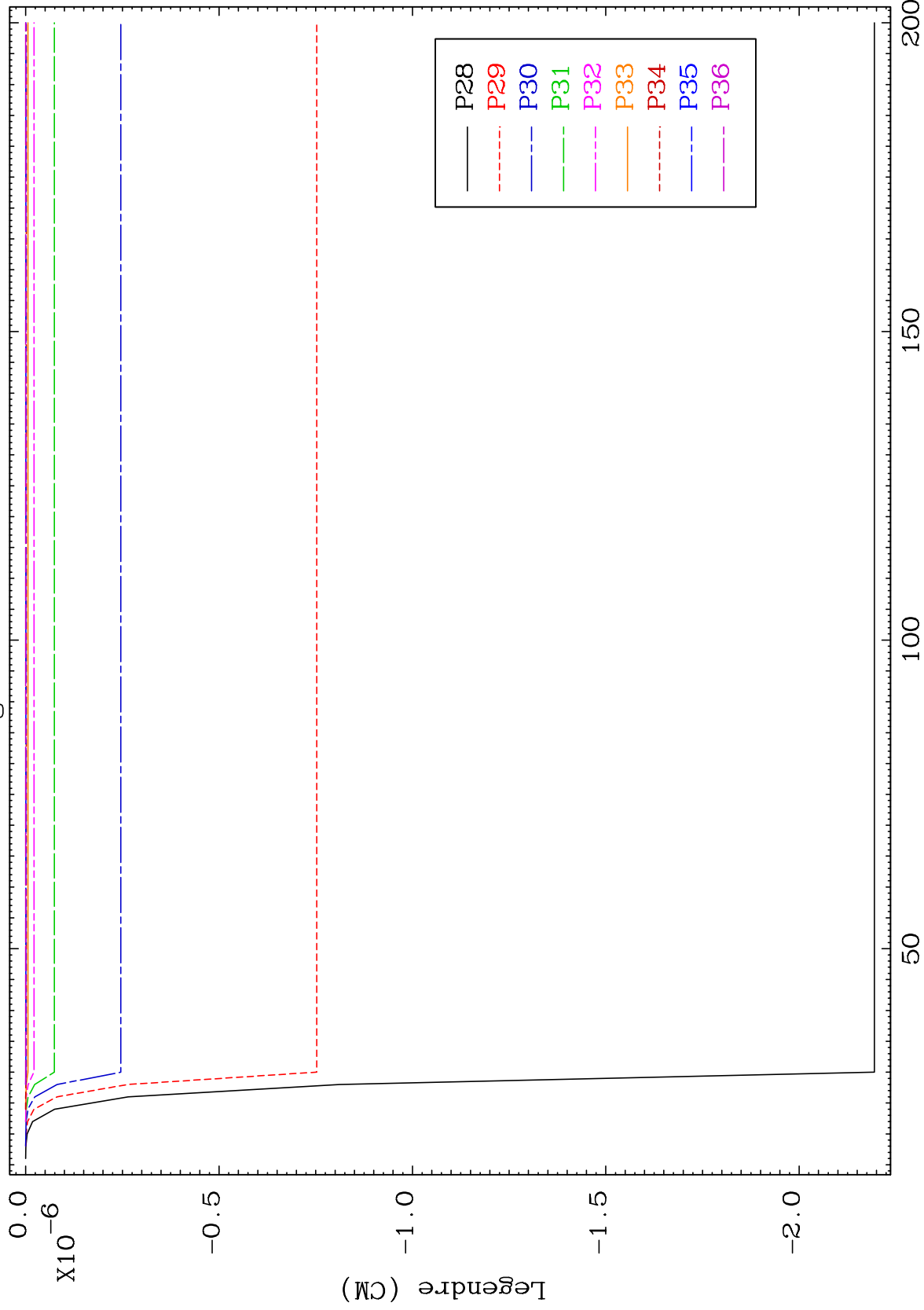
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



105

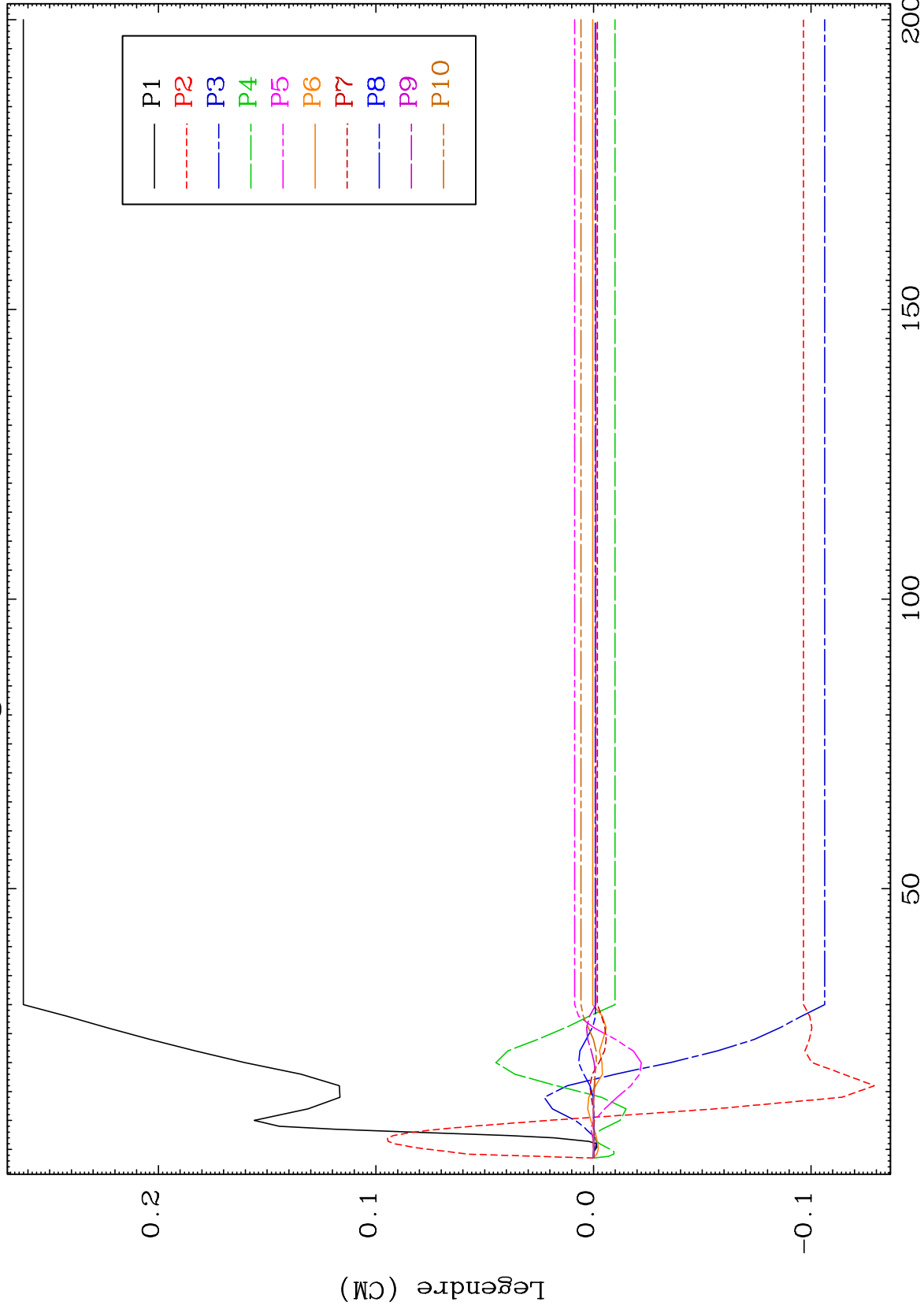
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

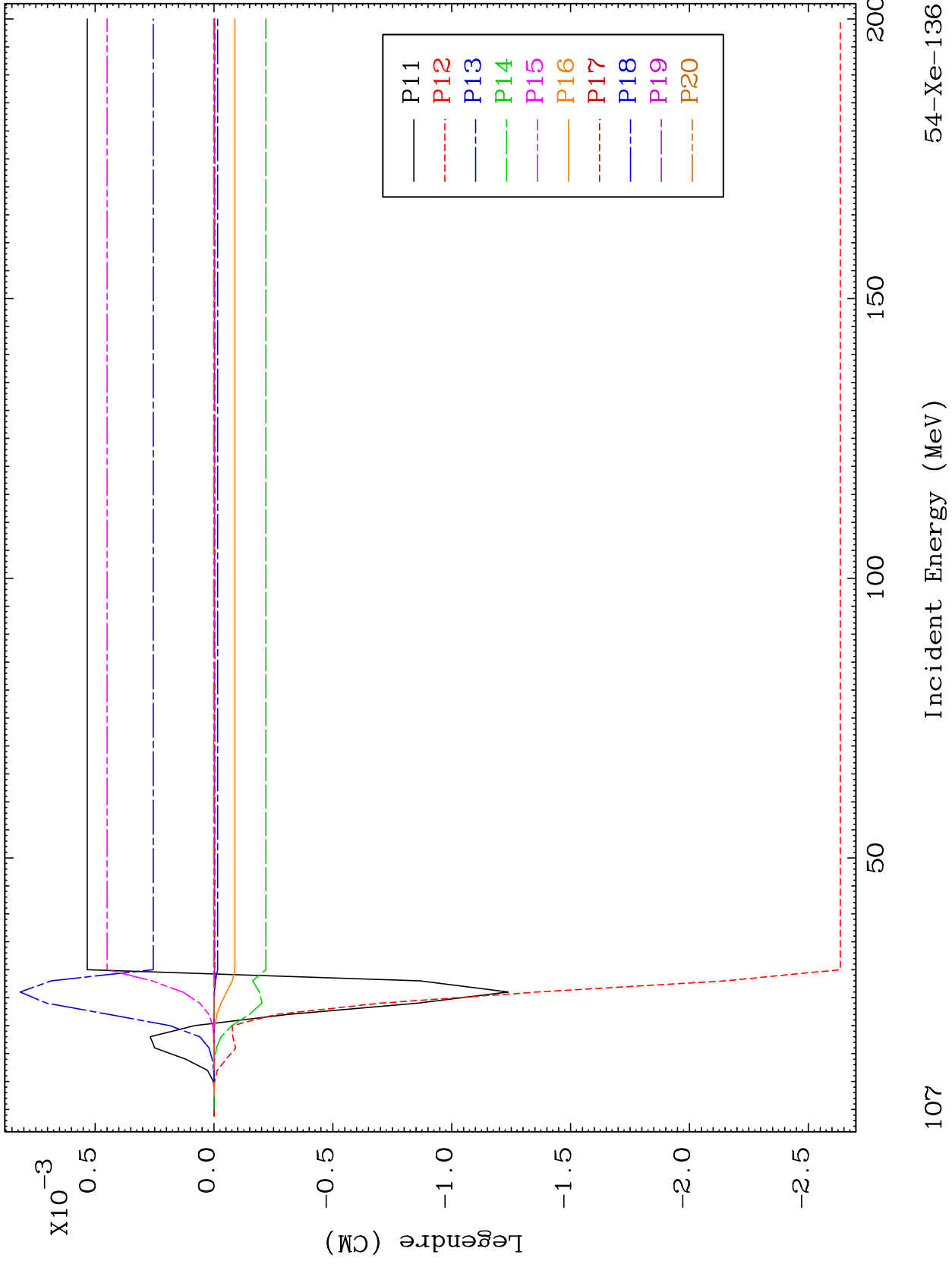
54-Xe-136



106

Incident Energy (MeV)

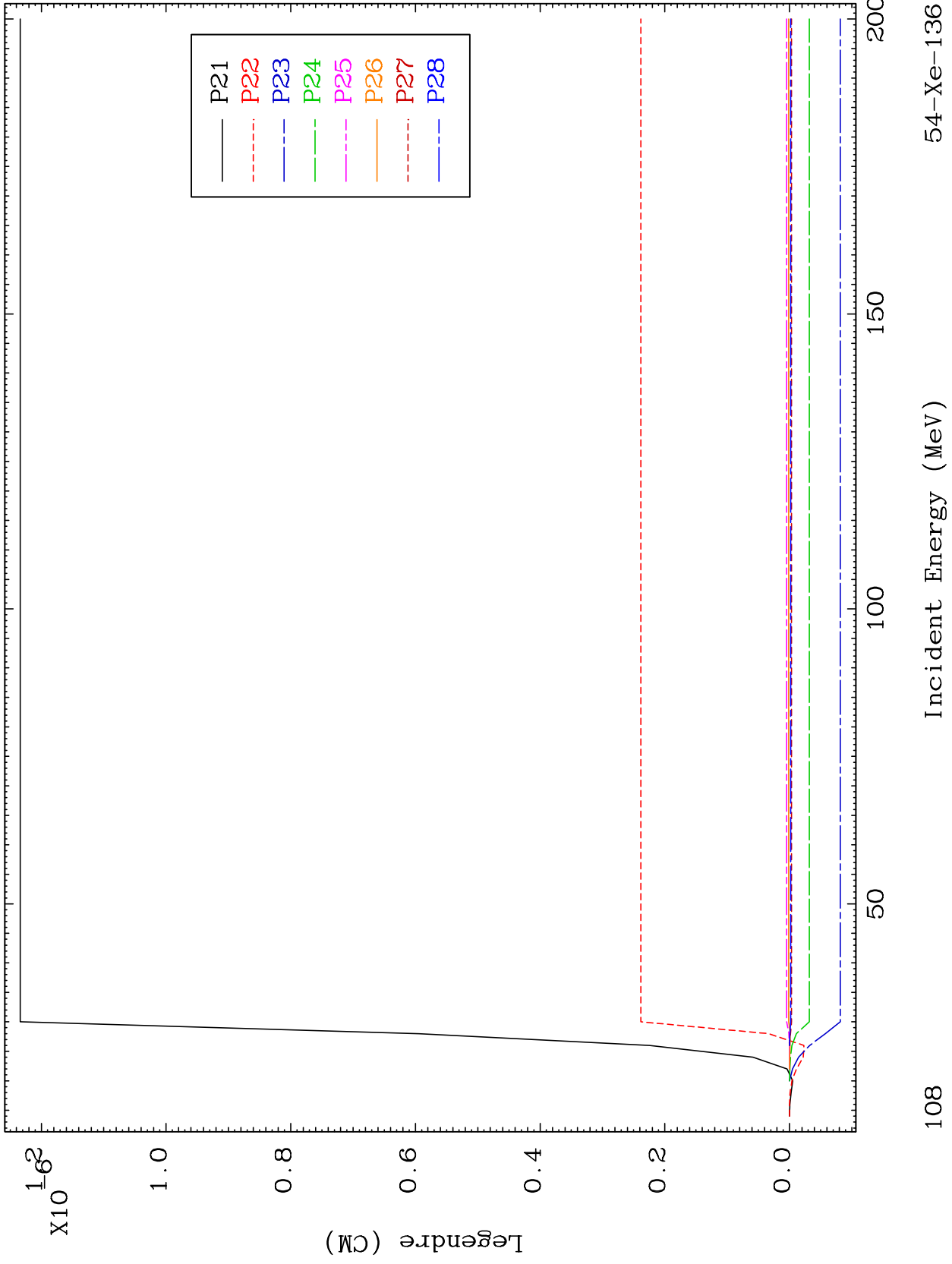
54-Xe-136



MAT 5461

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

54-Xe-136



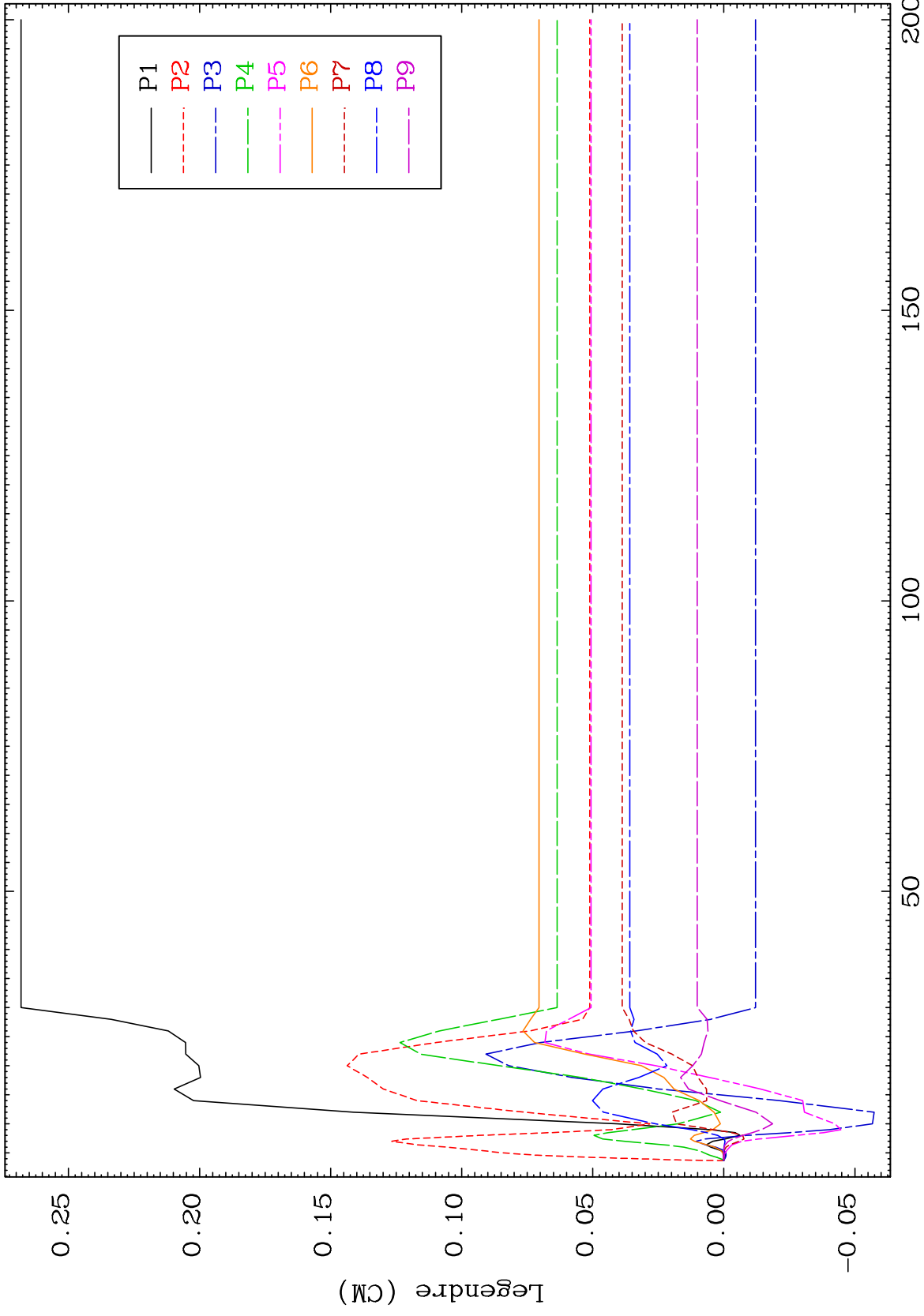
108

54-Xe-136

MAT 5461

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

54-Xe-136



54-Xe-136

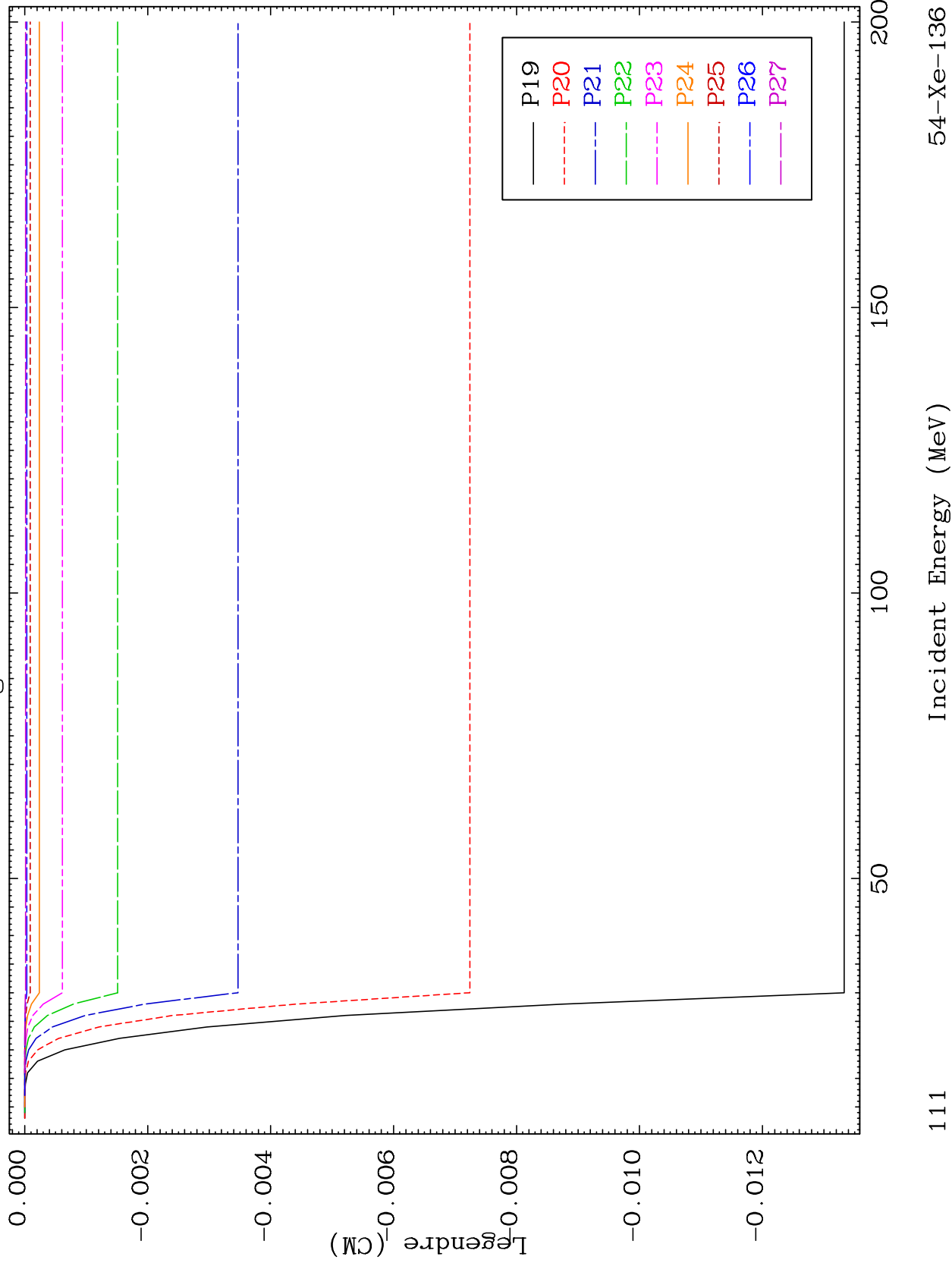
Incident Energy (MeV)

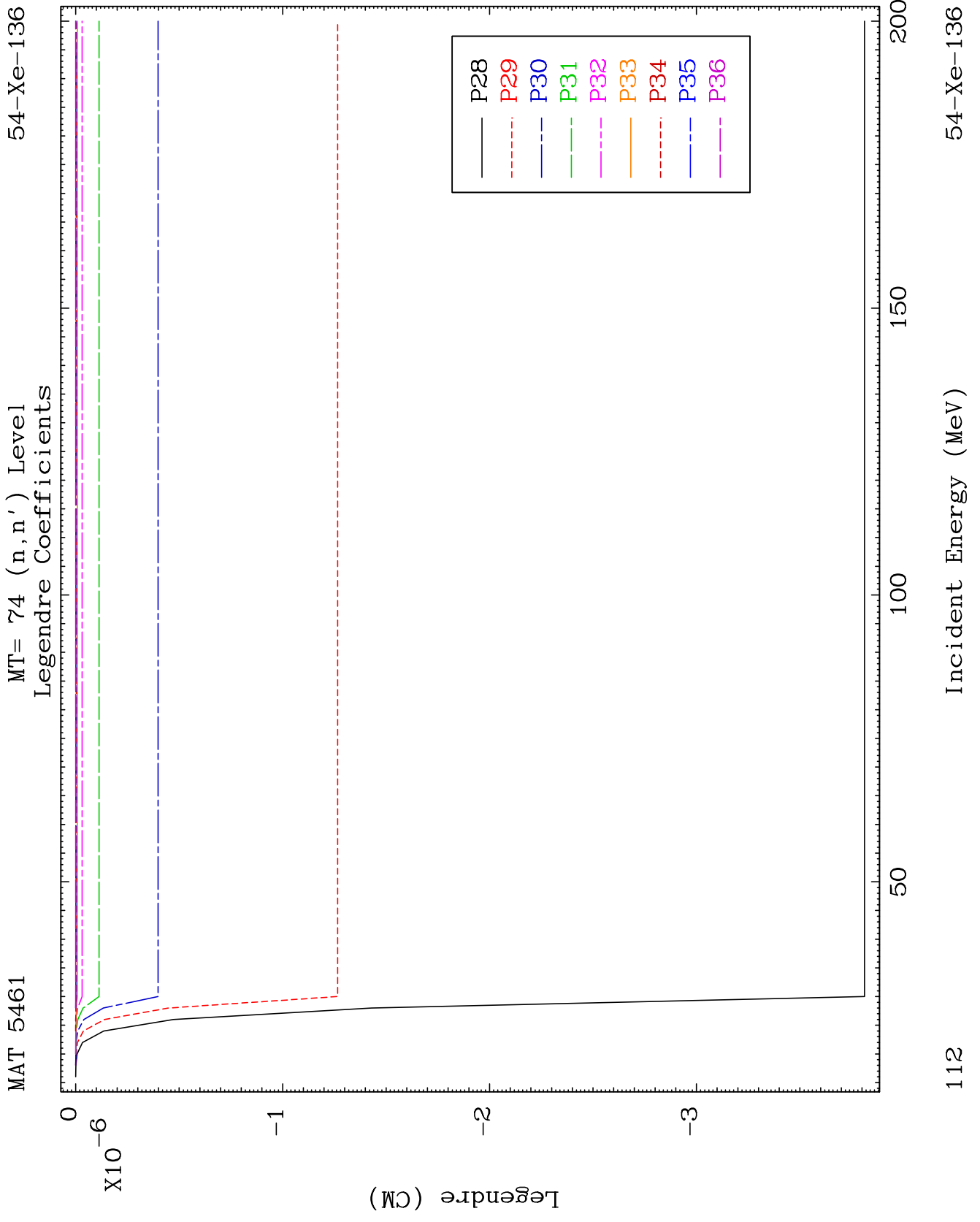
109

MAT 5461

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

54-Xe-136

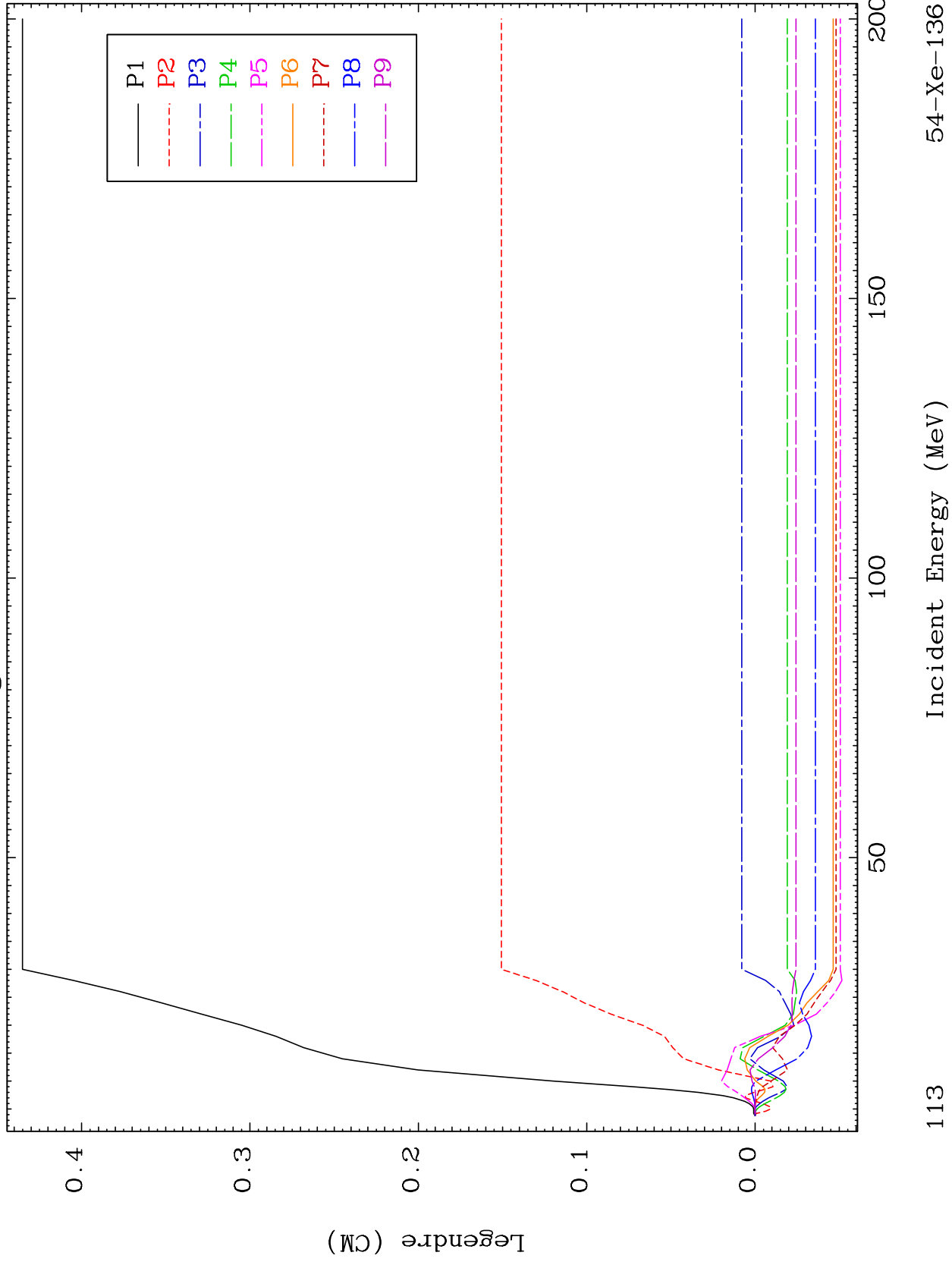




MAT 5461

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

54-Xe-136



113

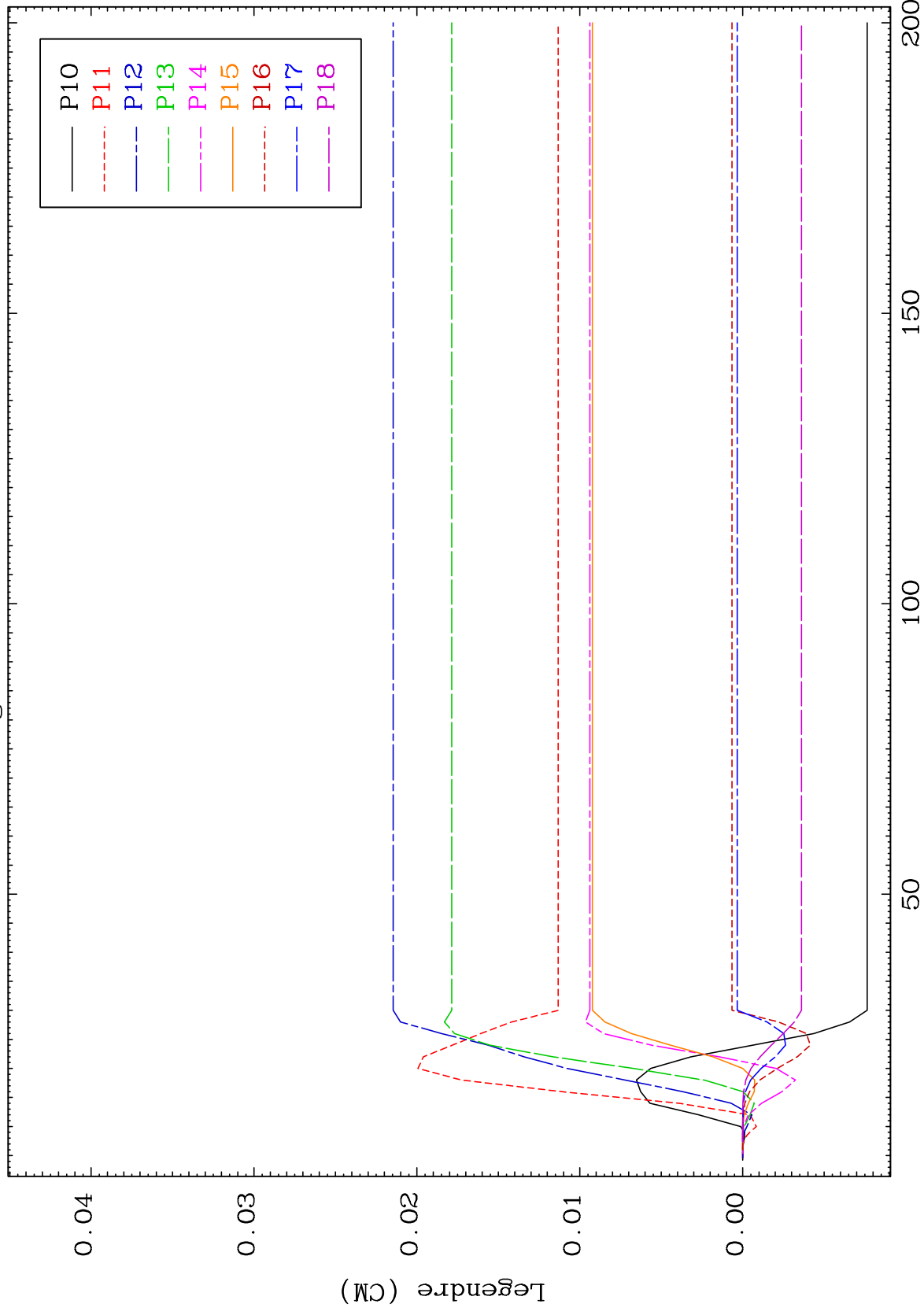
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



114

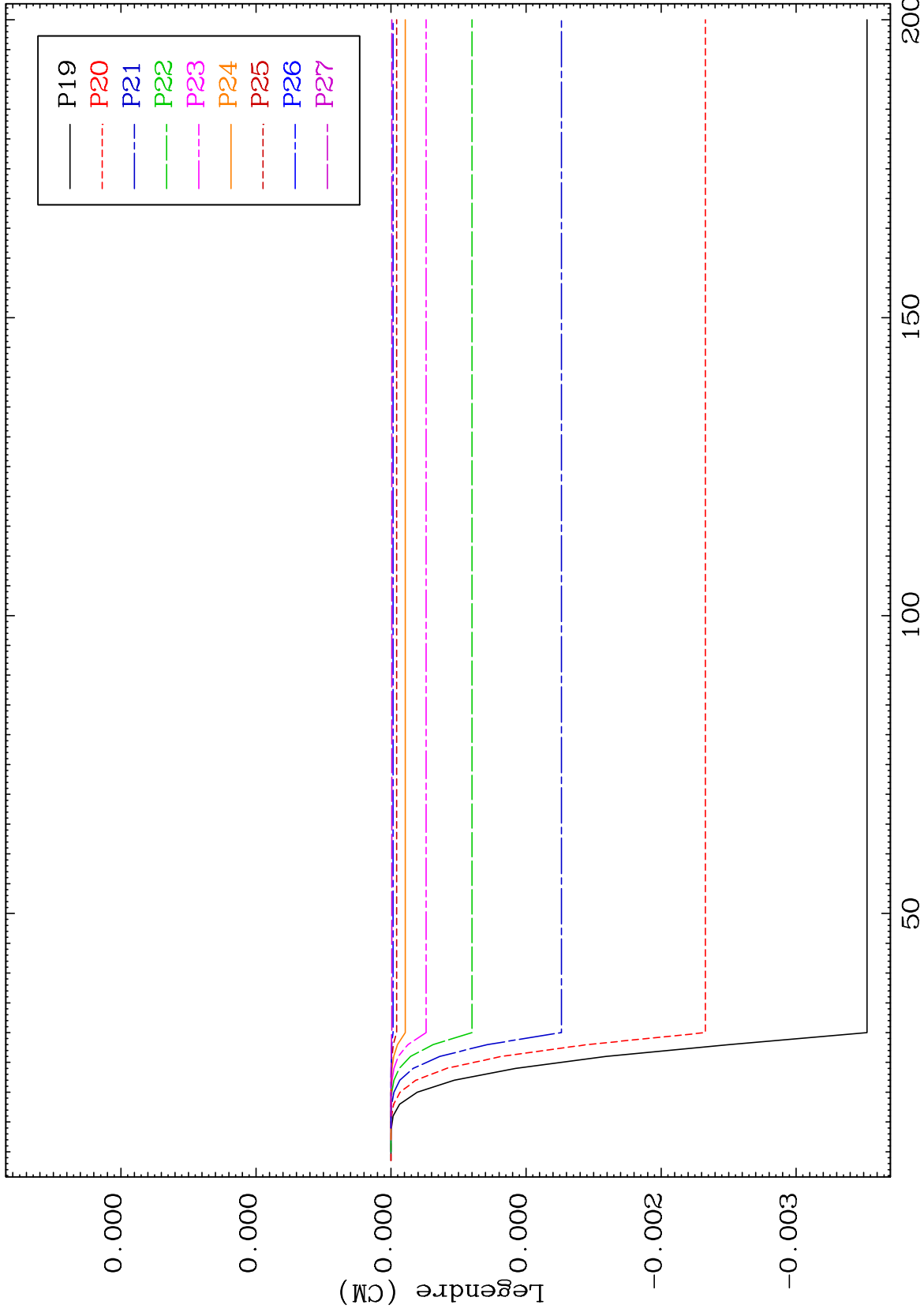
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



115

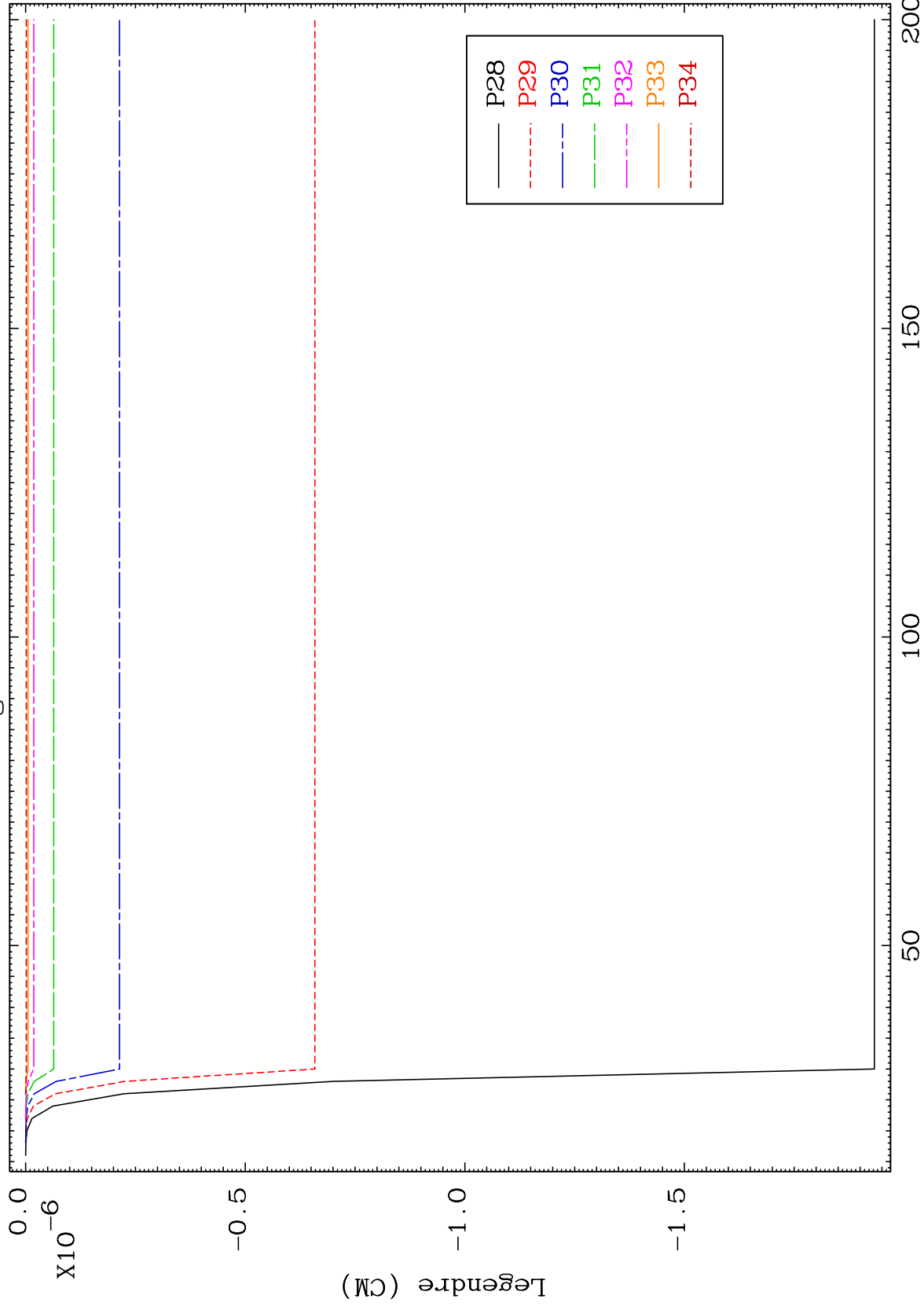
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



116

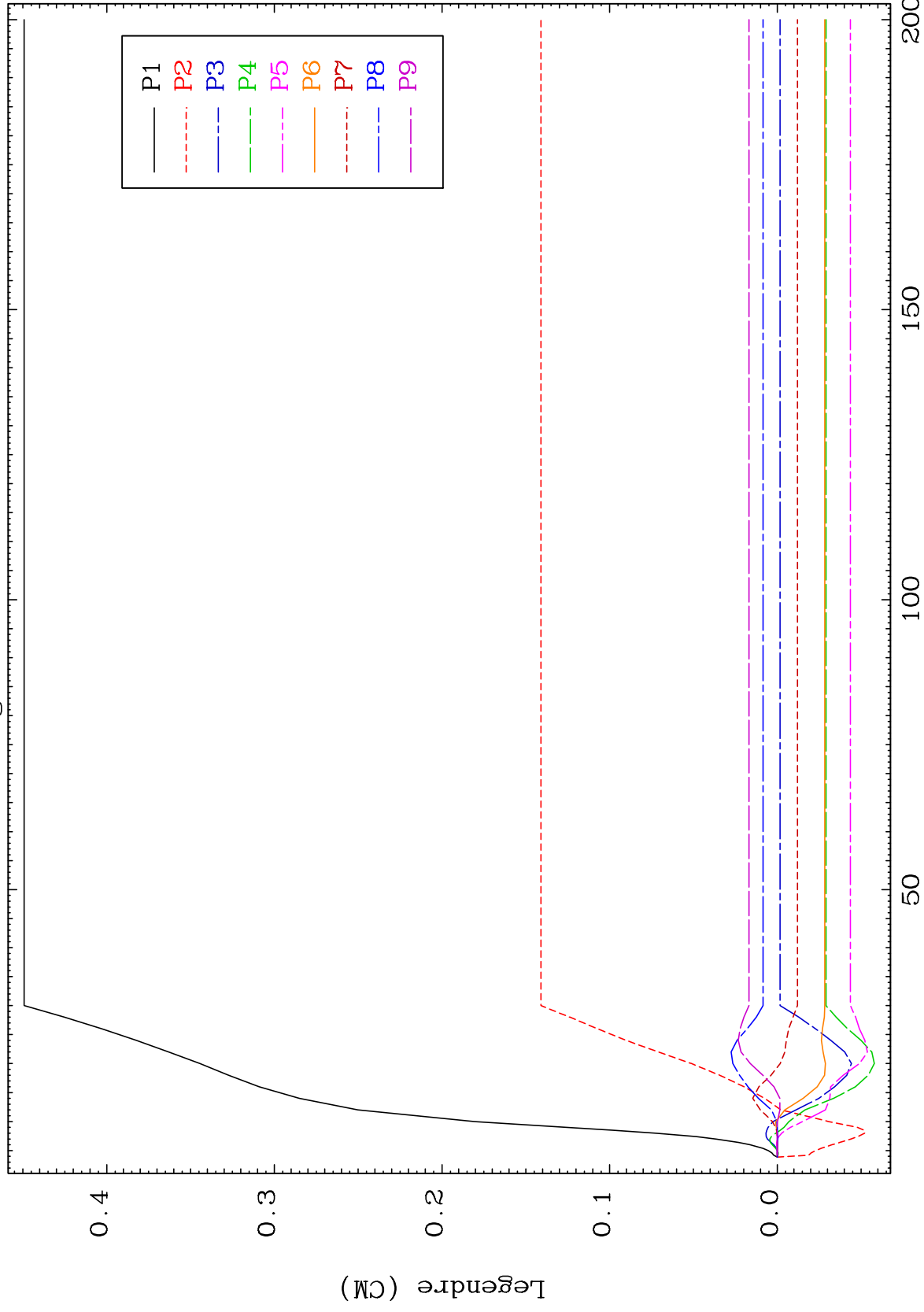
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



117

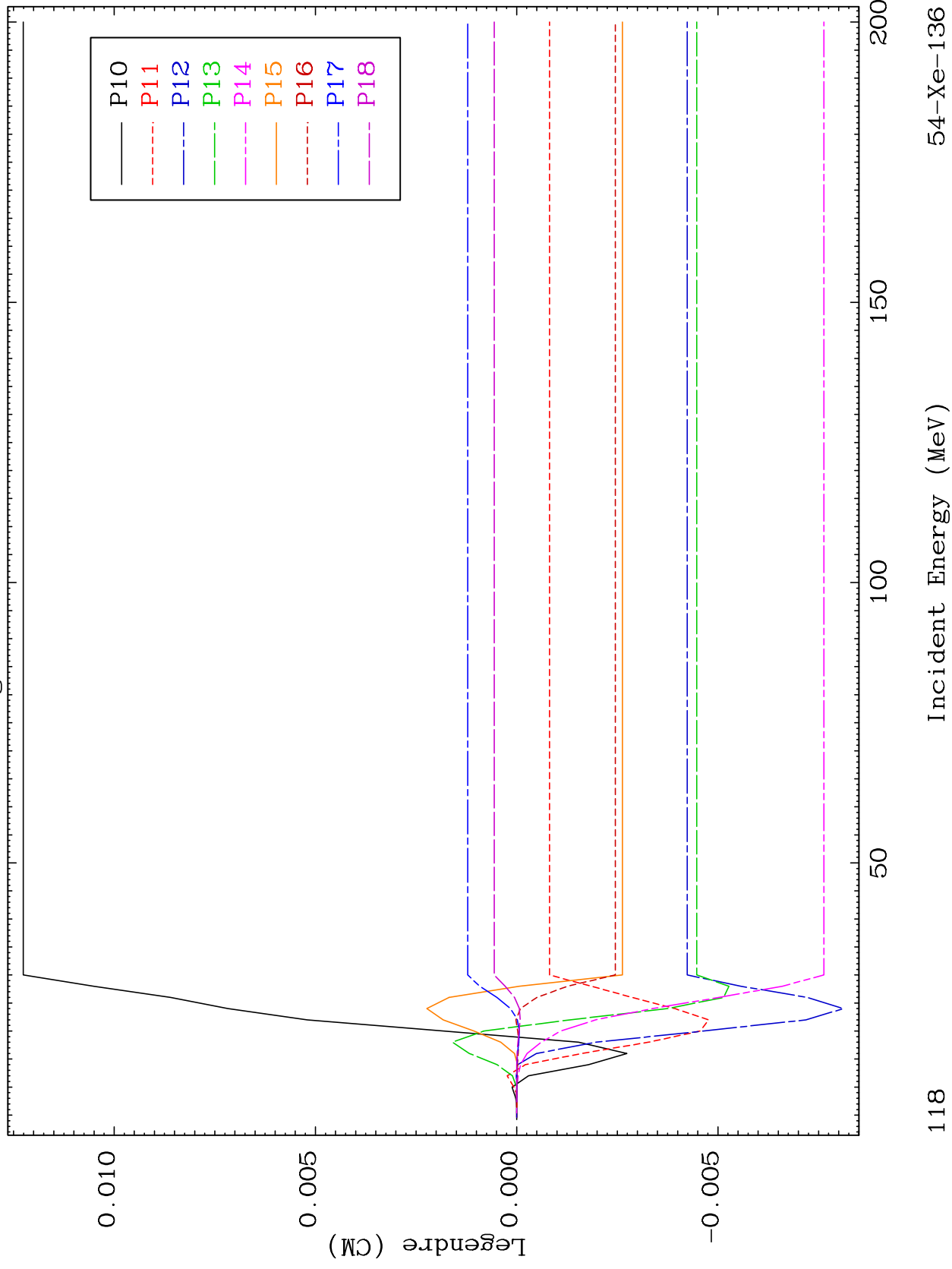
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

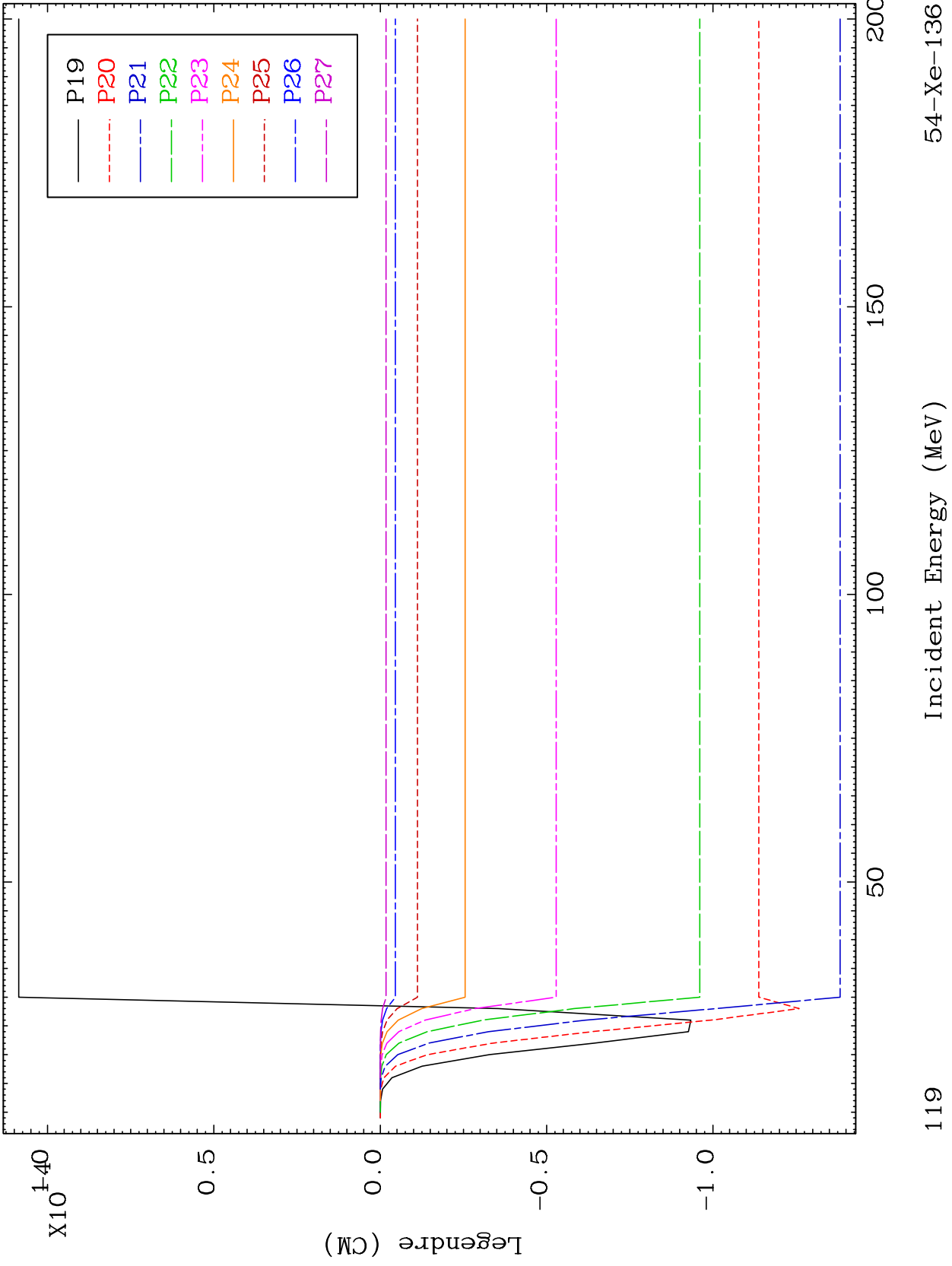
54-Xe-136



MAT 5461

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

54-Xe-136

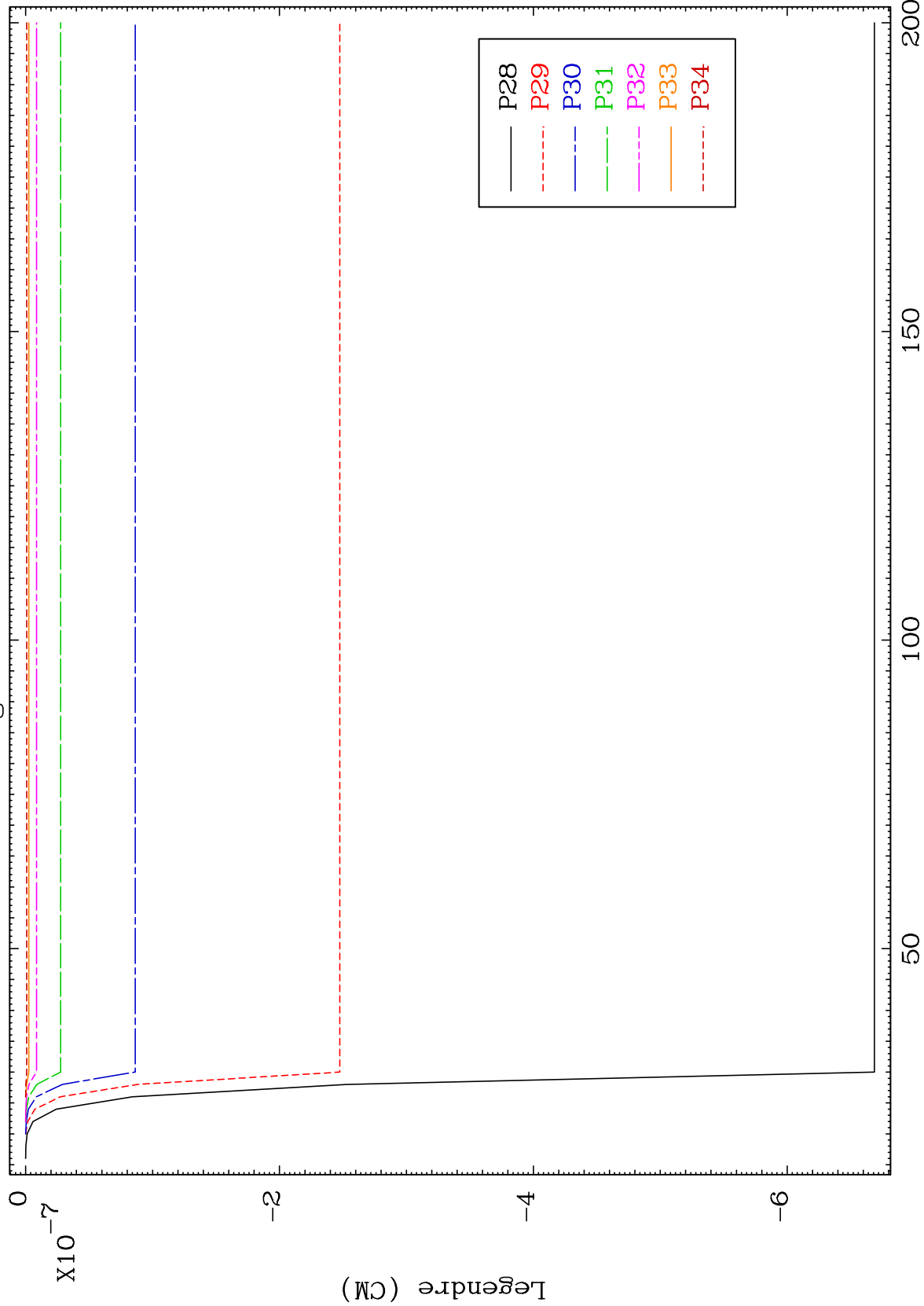


MAT 5461

MT= 76 (n,n') Level

54-Xe-136

Legendre Coefficients



54-Xe-136

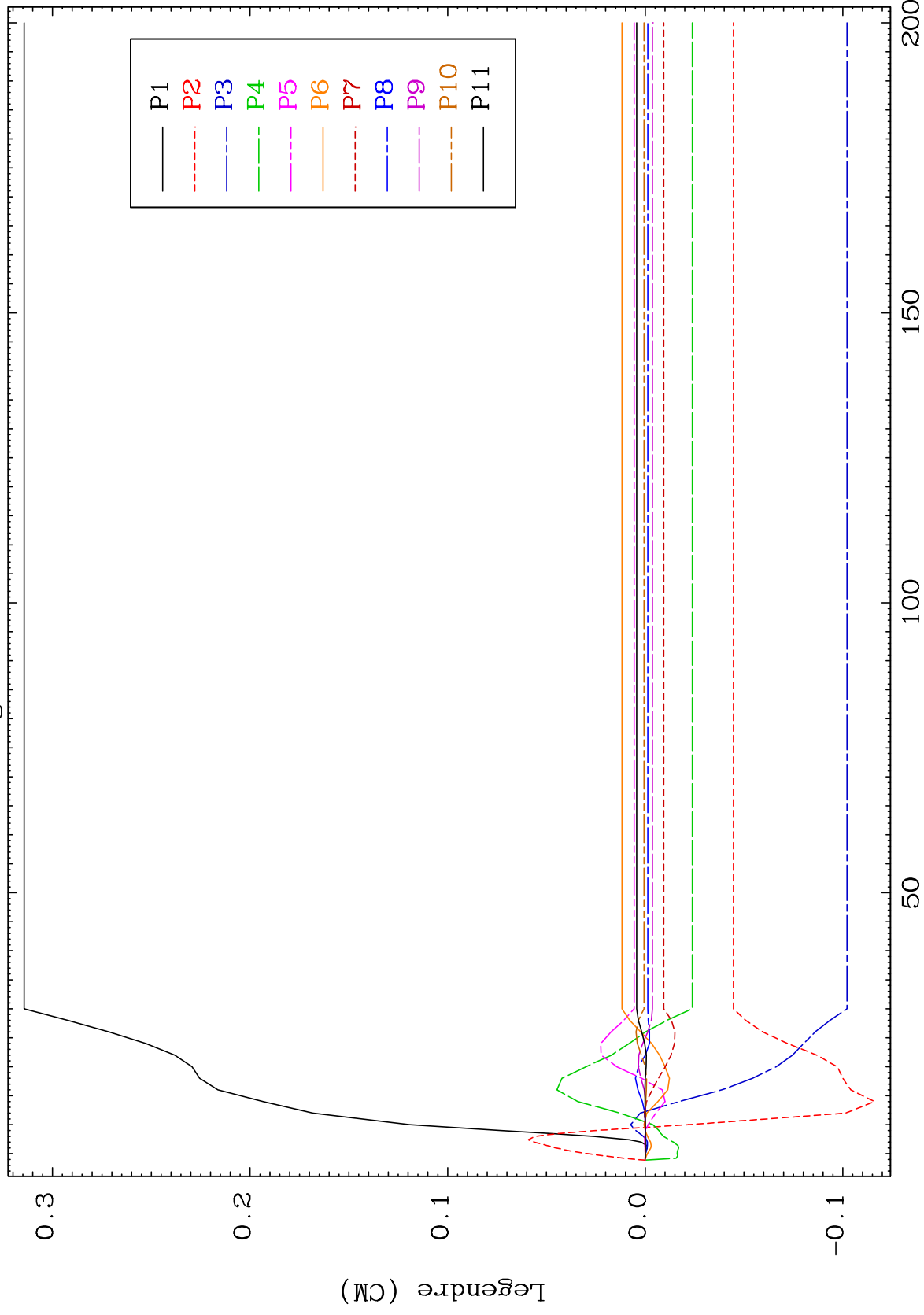
Incident Energy (MeV)

120

MAT 5461

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

54-Xe-136



121

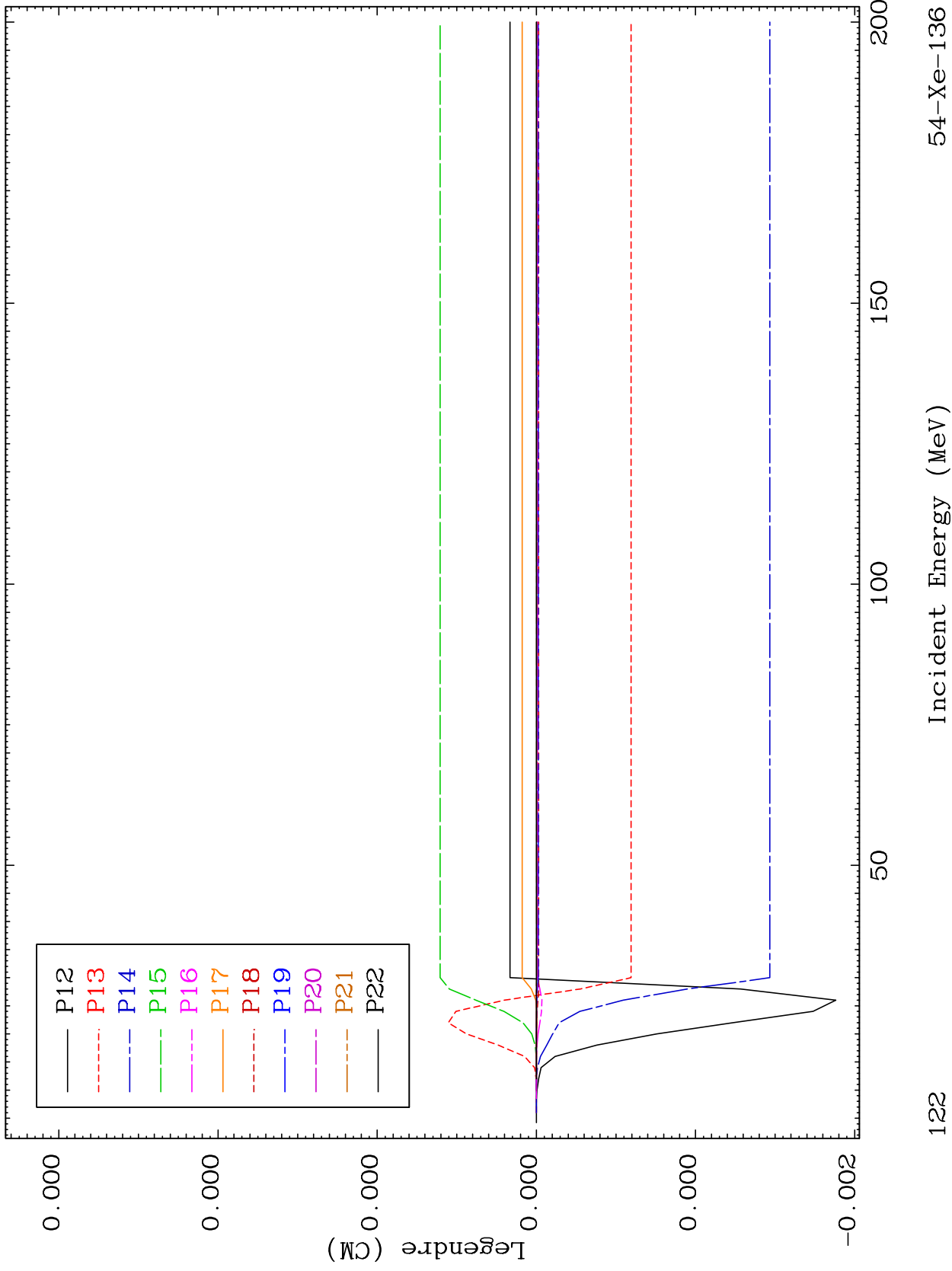
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136

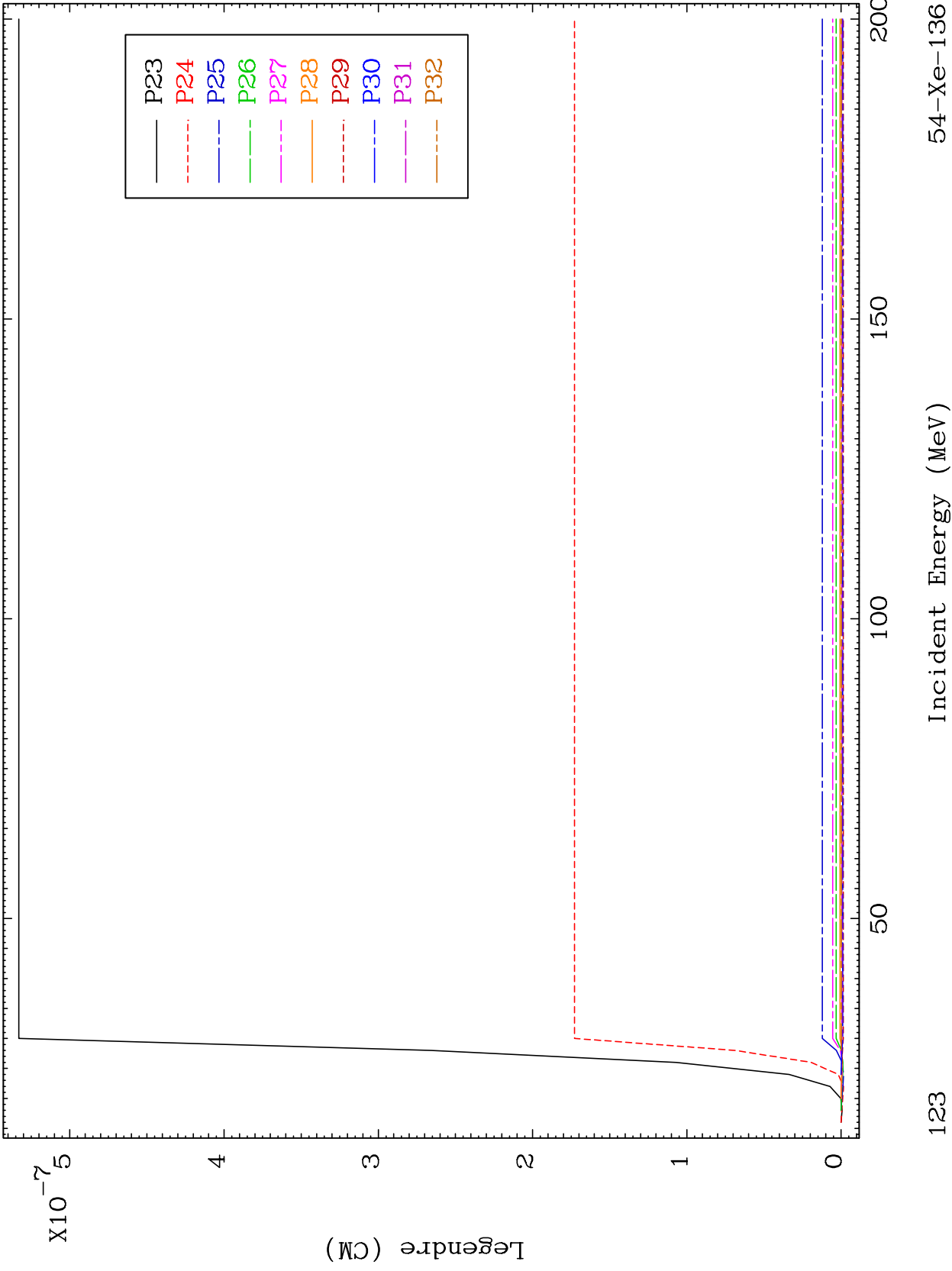


122

MAT 5461

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

54-Xe-136

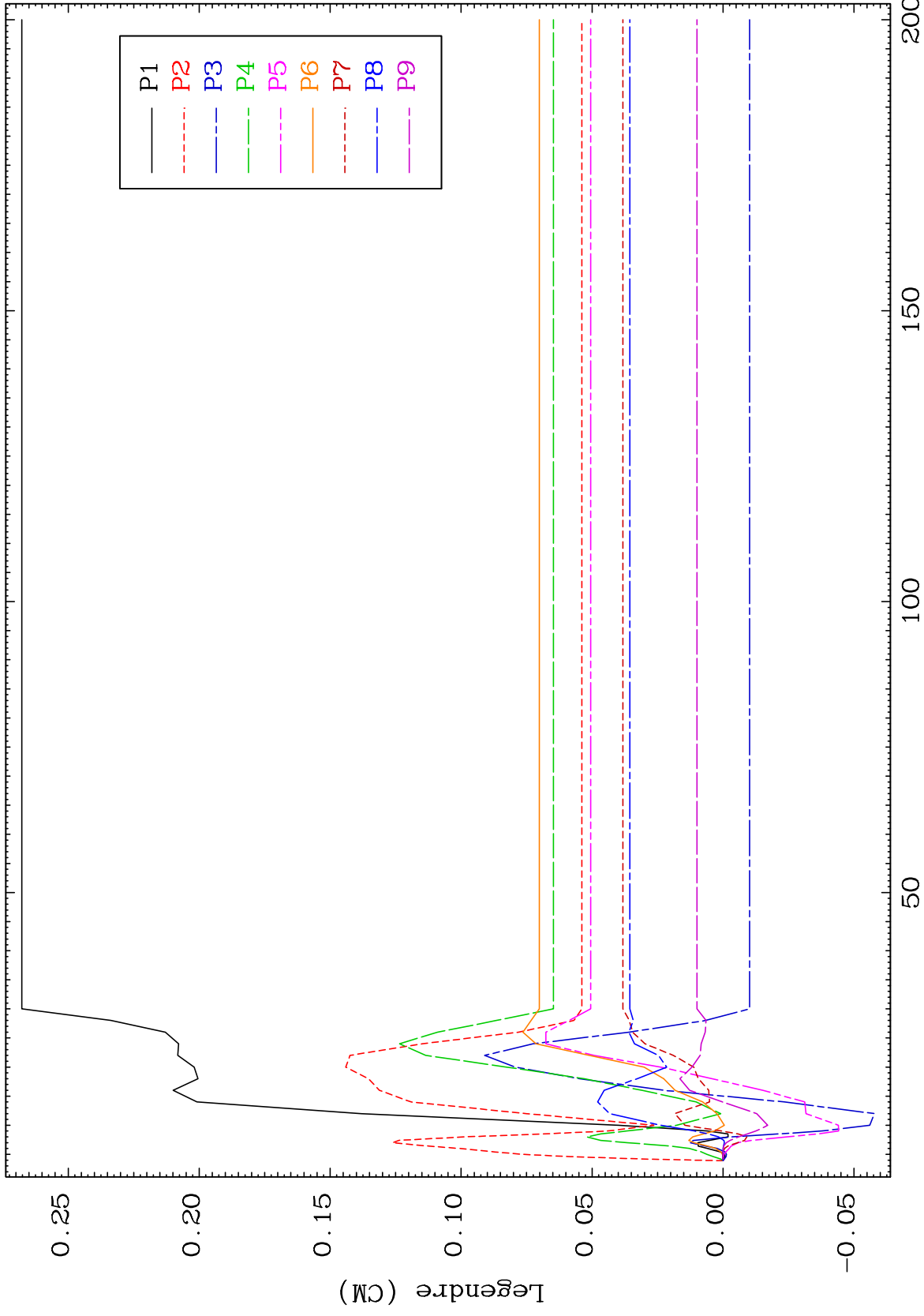


123

MAT 5461

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

54-Xe-136



124

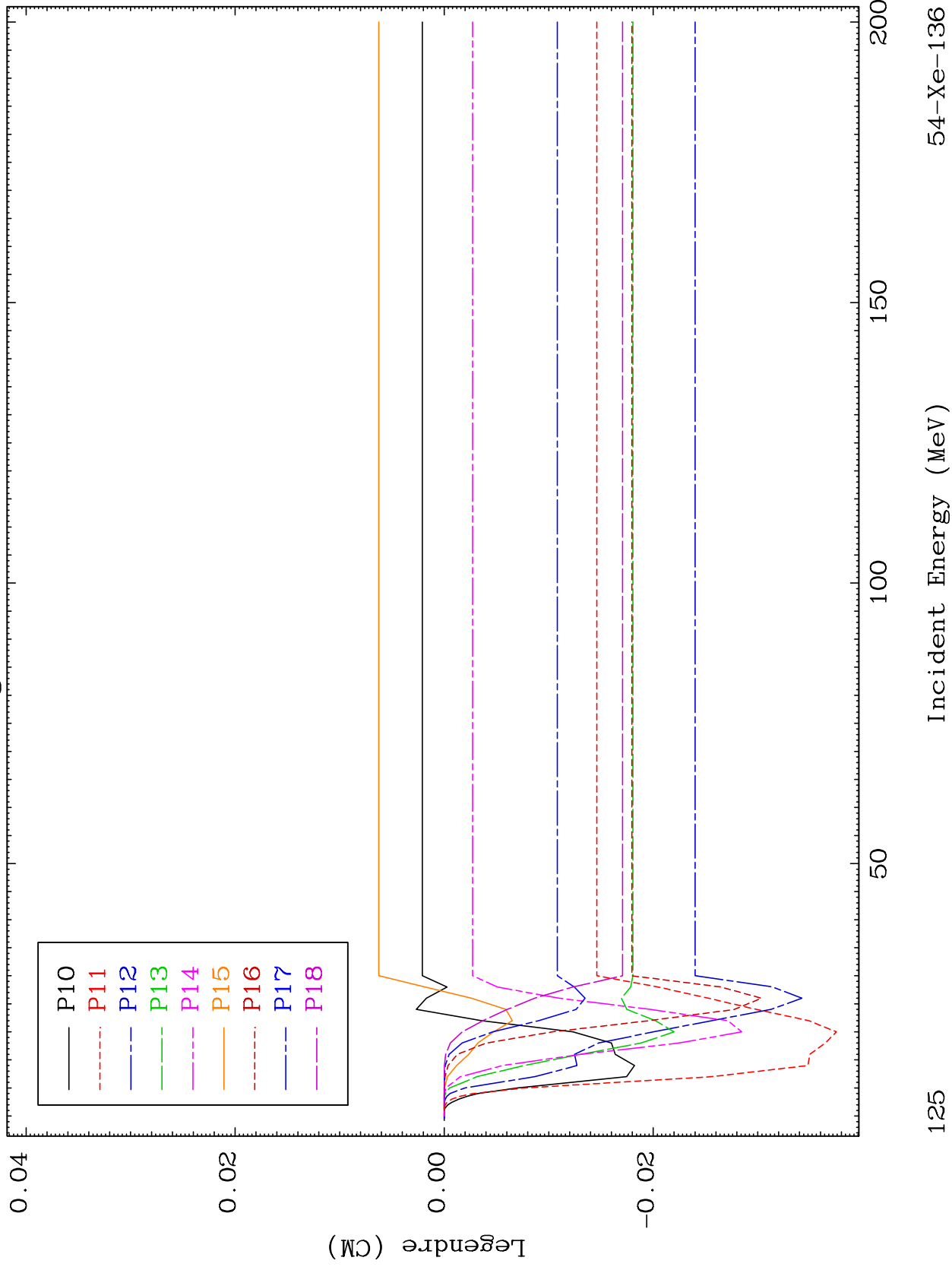
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

54-Xe-136



54-Xe-136

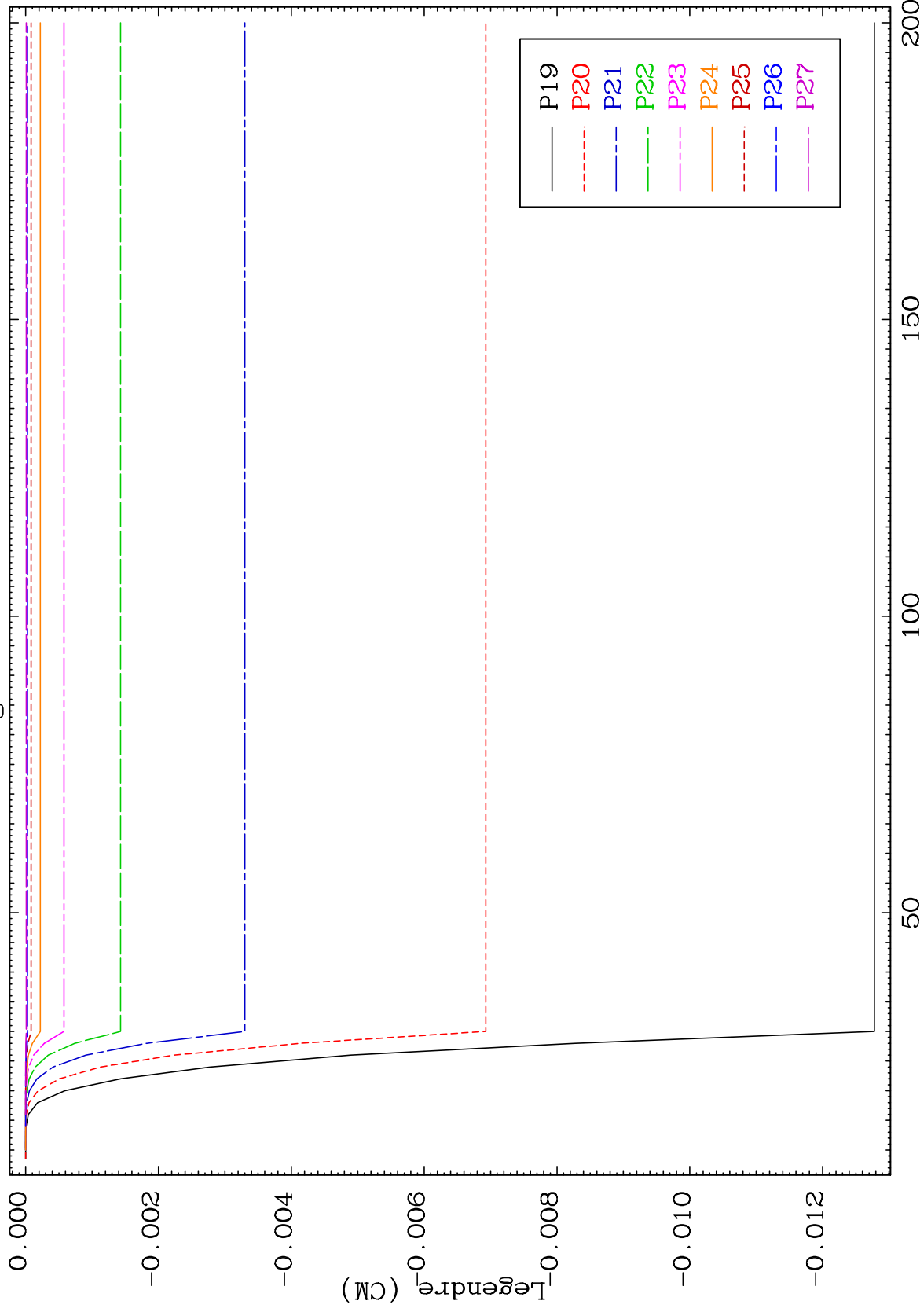
Incident Energy (MeV)

125

MAT 5461

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

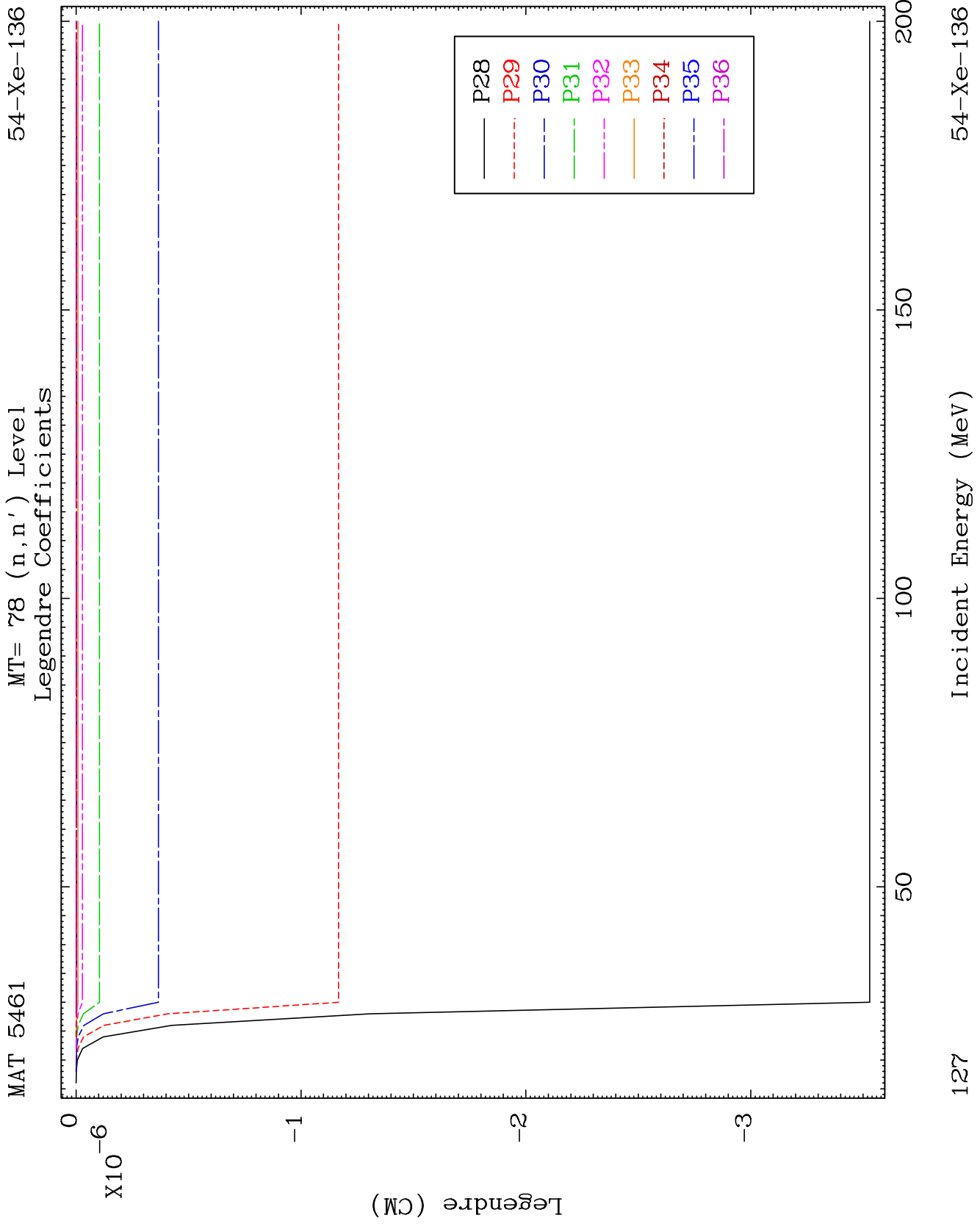
54-Xe-136

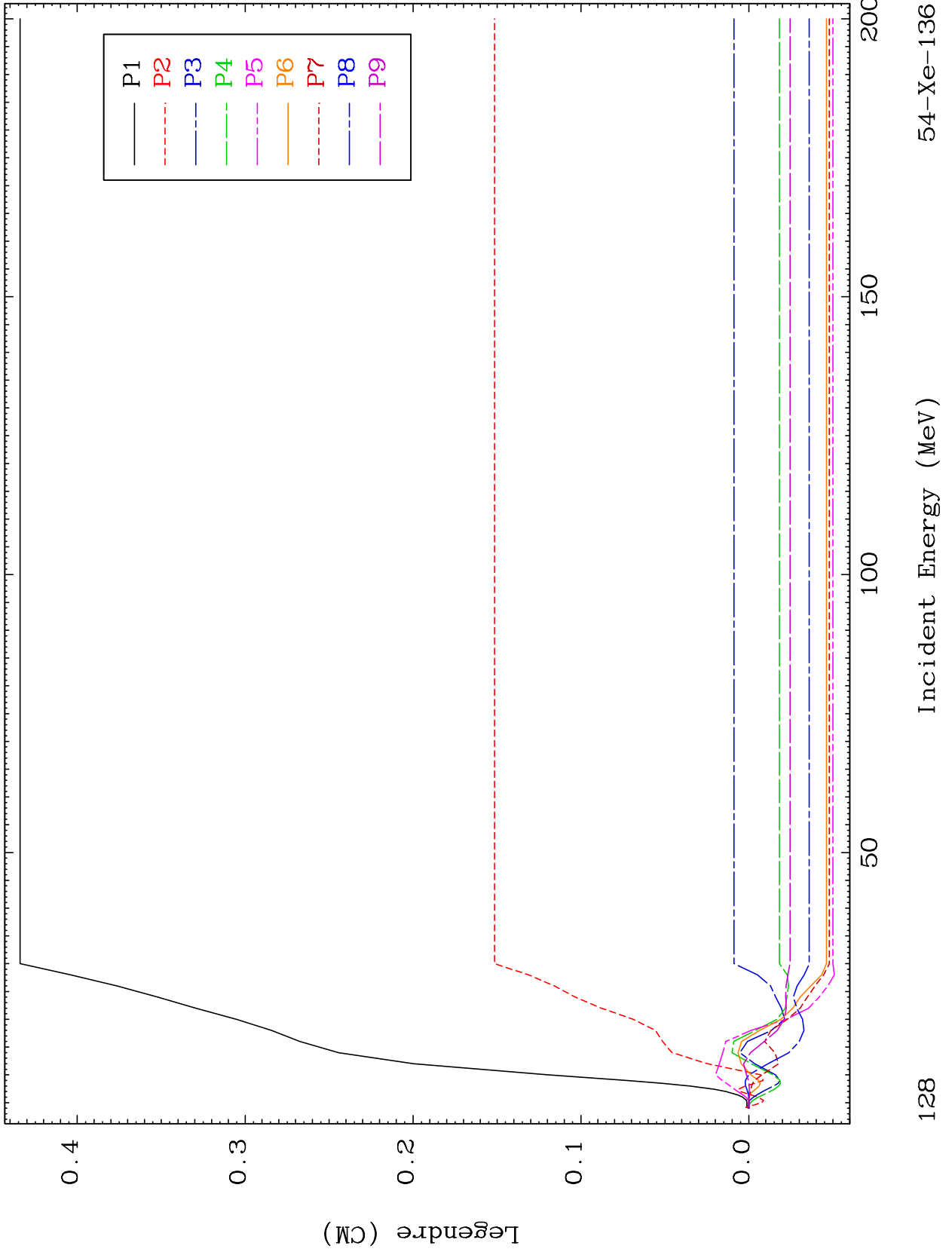


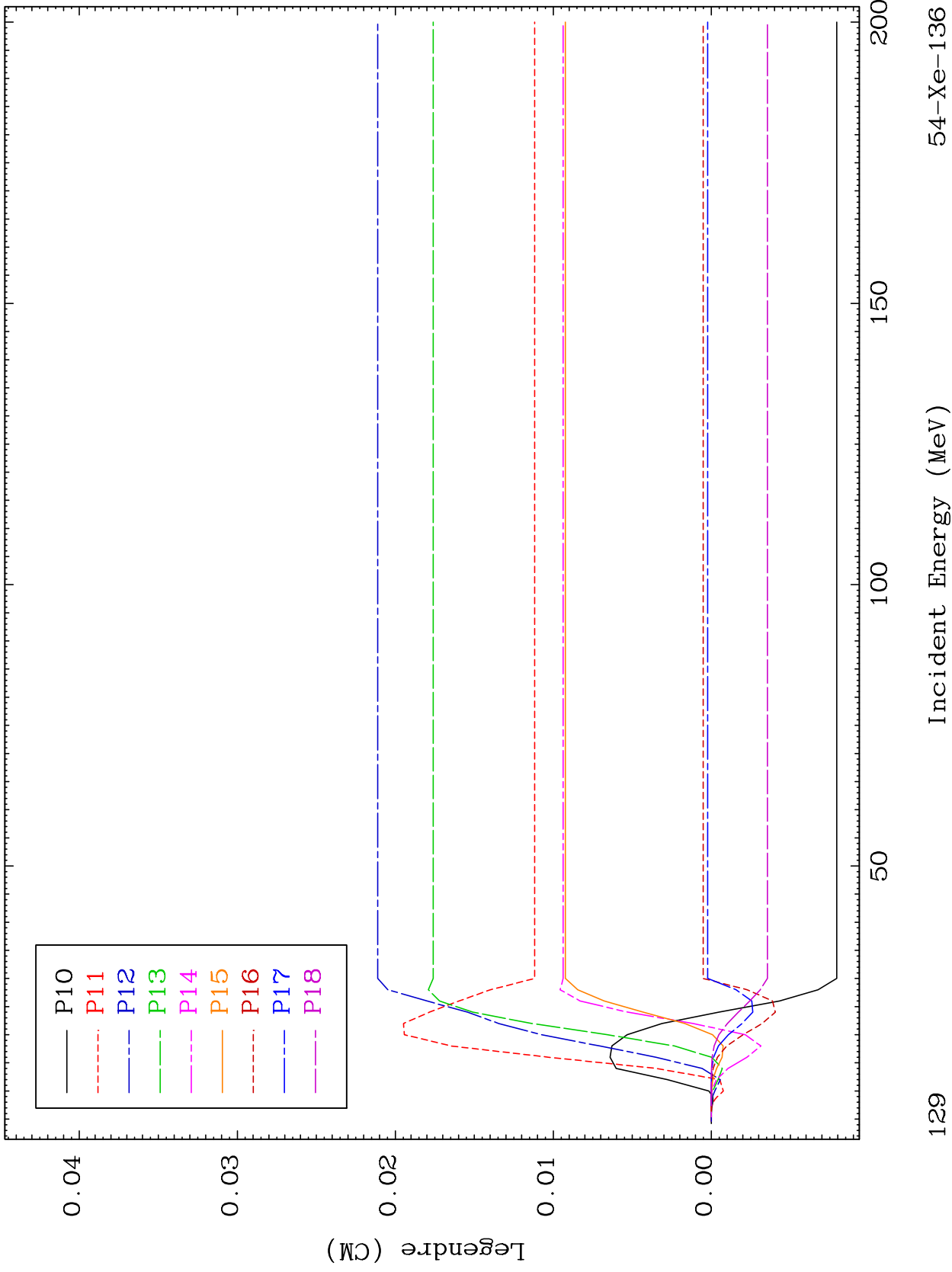
126

Incident Energy (MeV)

54-Xe-136



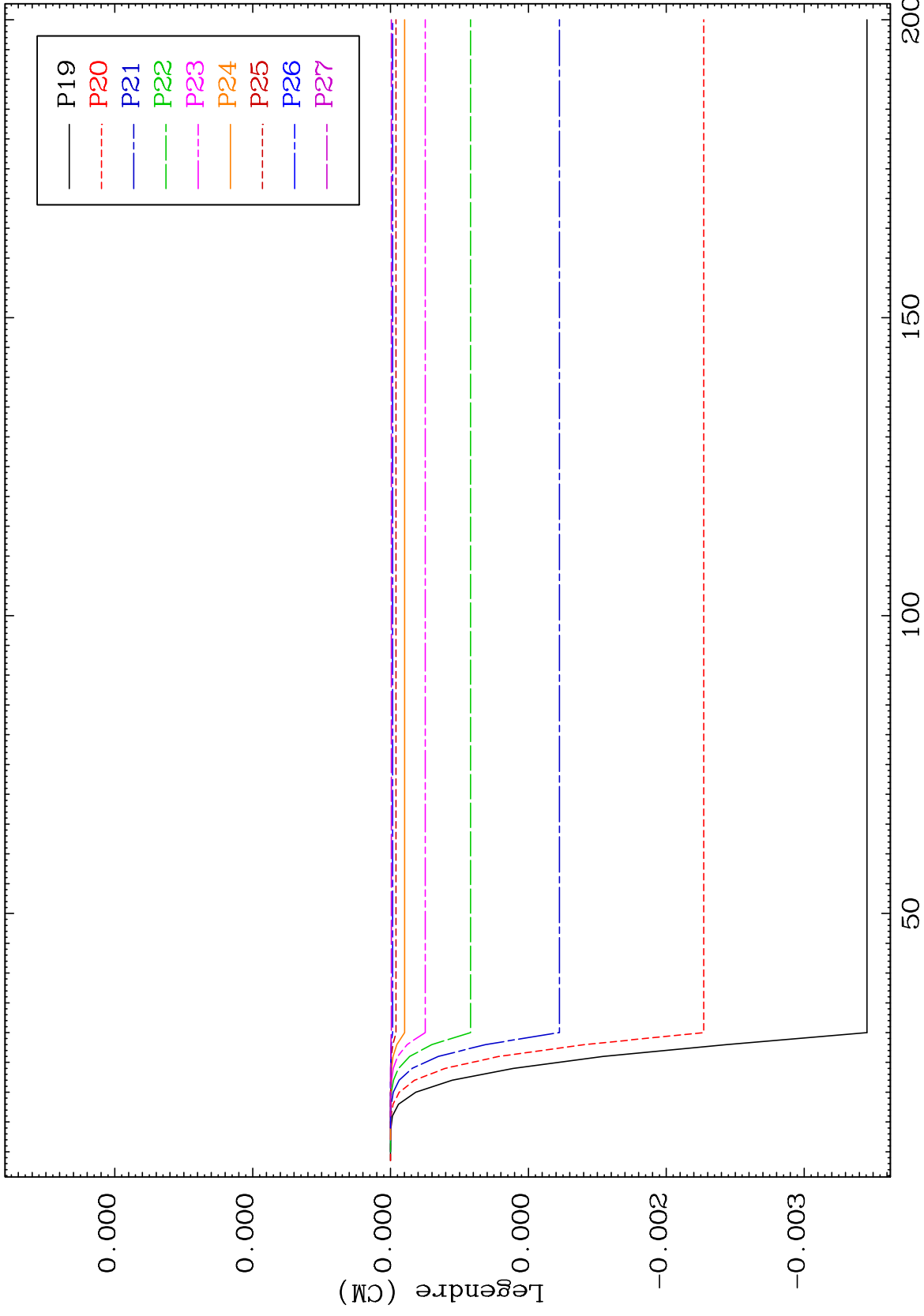




MAT 5461

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

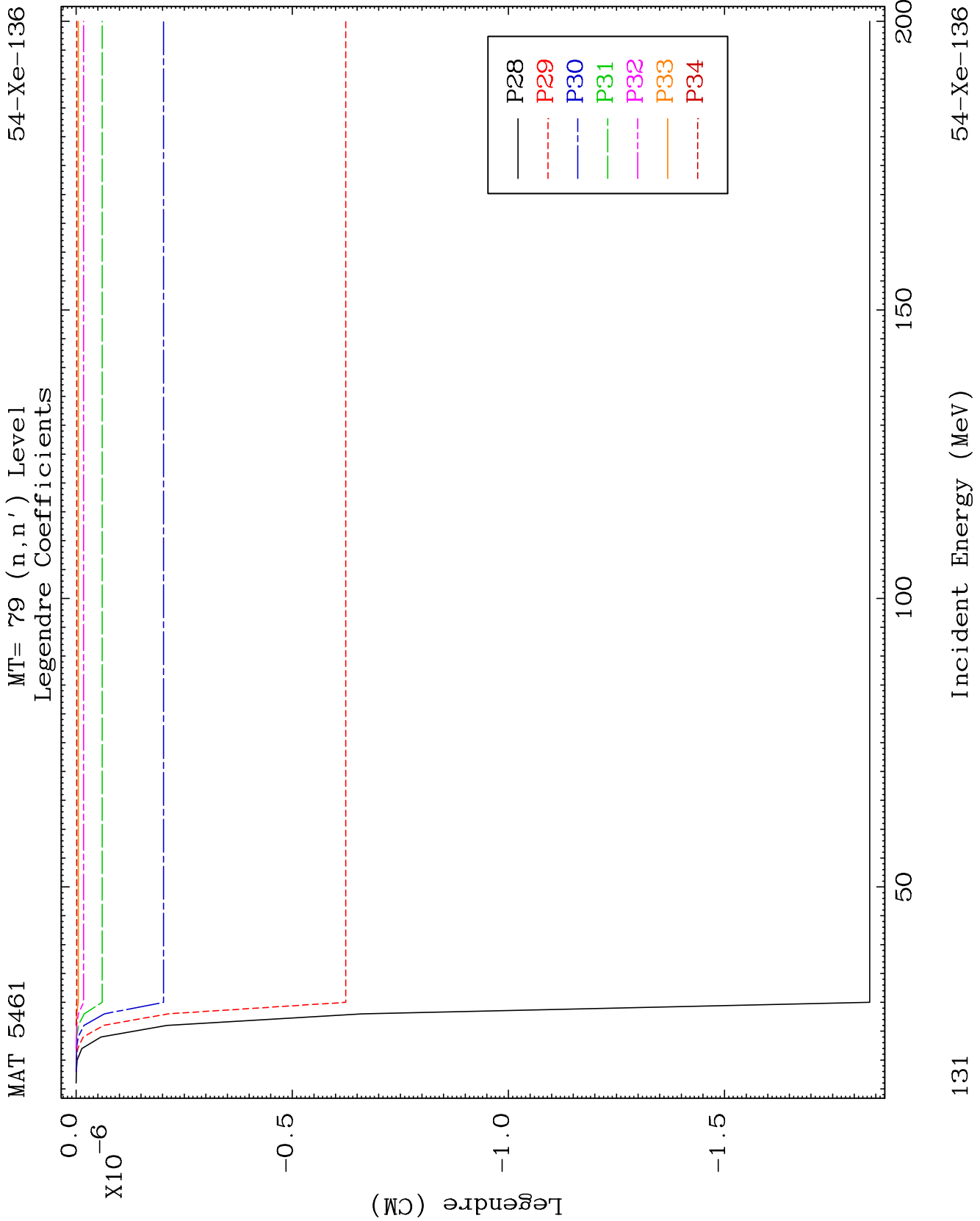
54-Xe-136



130

Incident Energy (MeV)

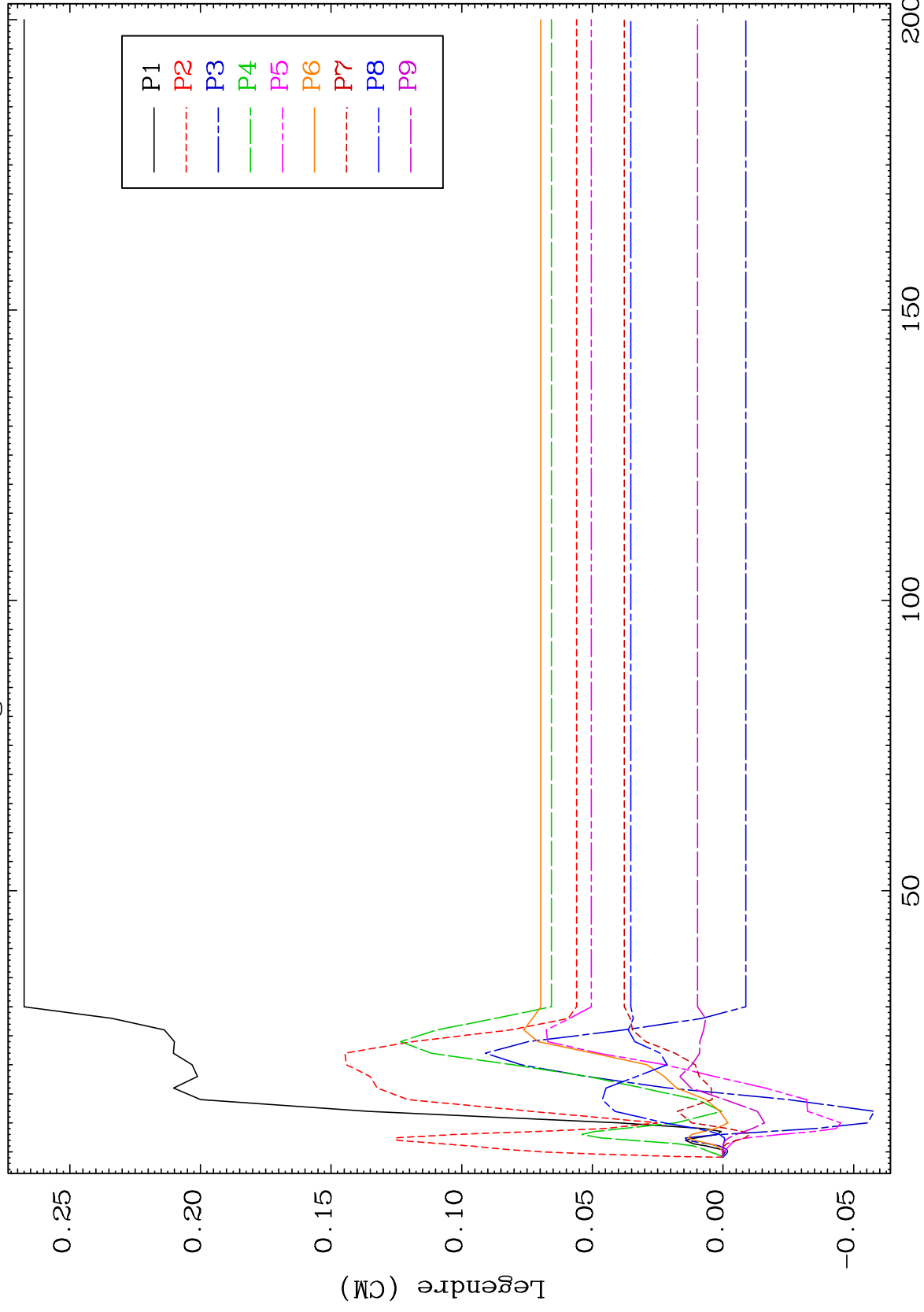
54-Xe-136



MAT 5461

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

54-Xe-136



132

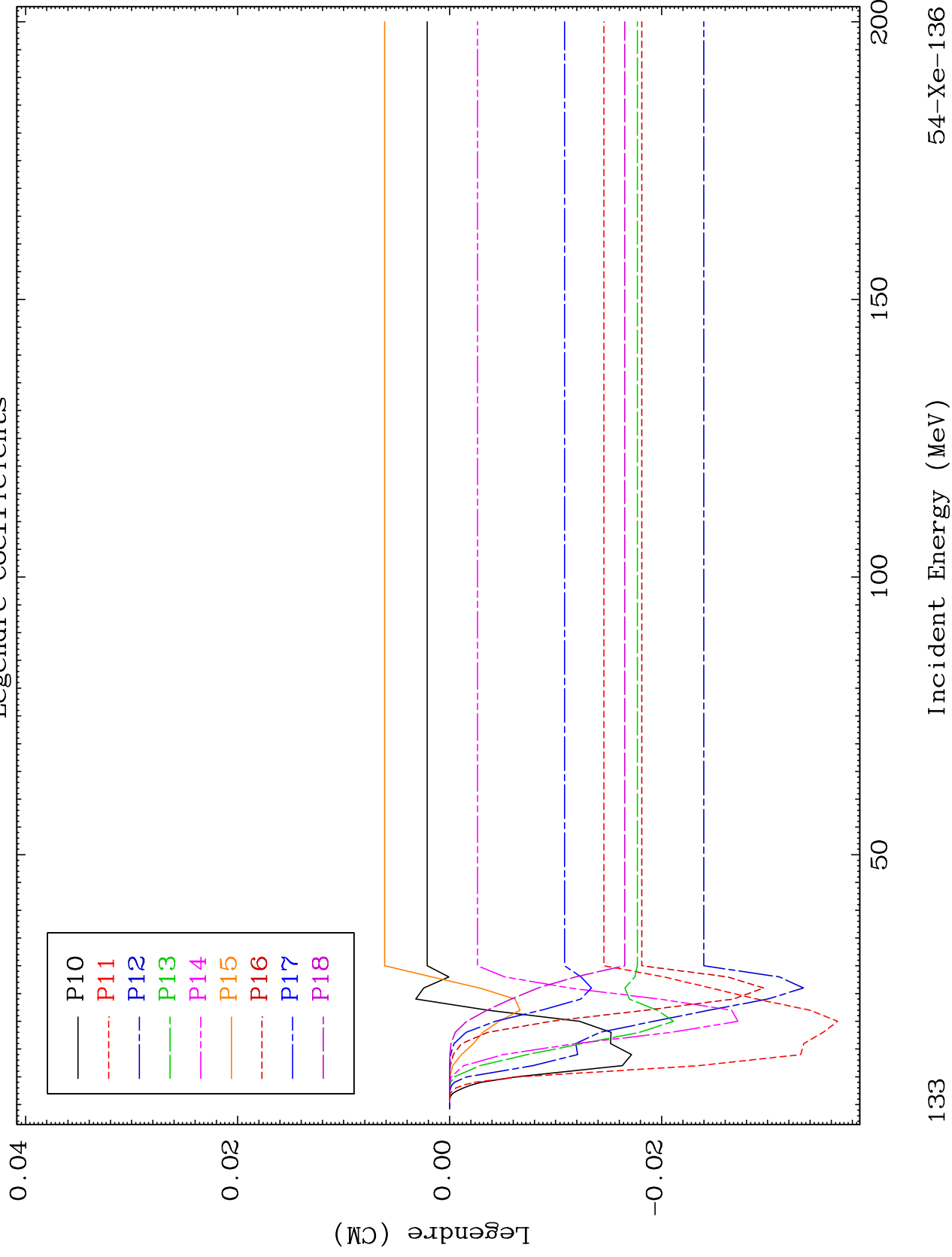
Incident Energy (MeV)

54-Xe-136

MAT 5461

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

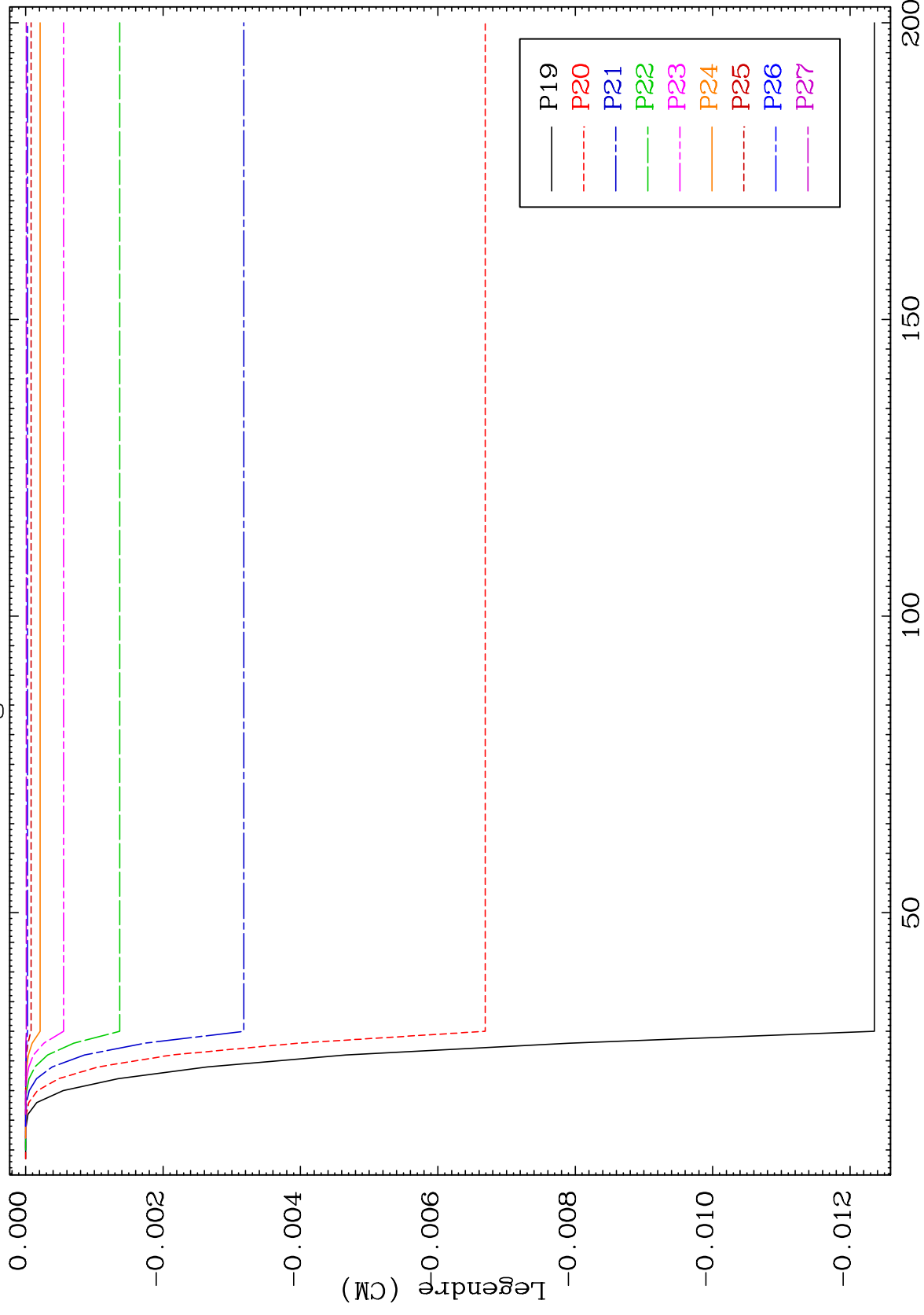
54-Xe-136

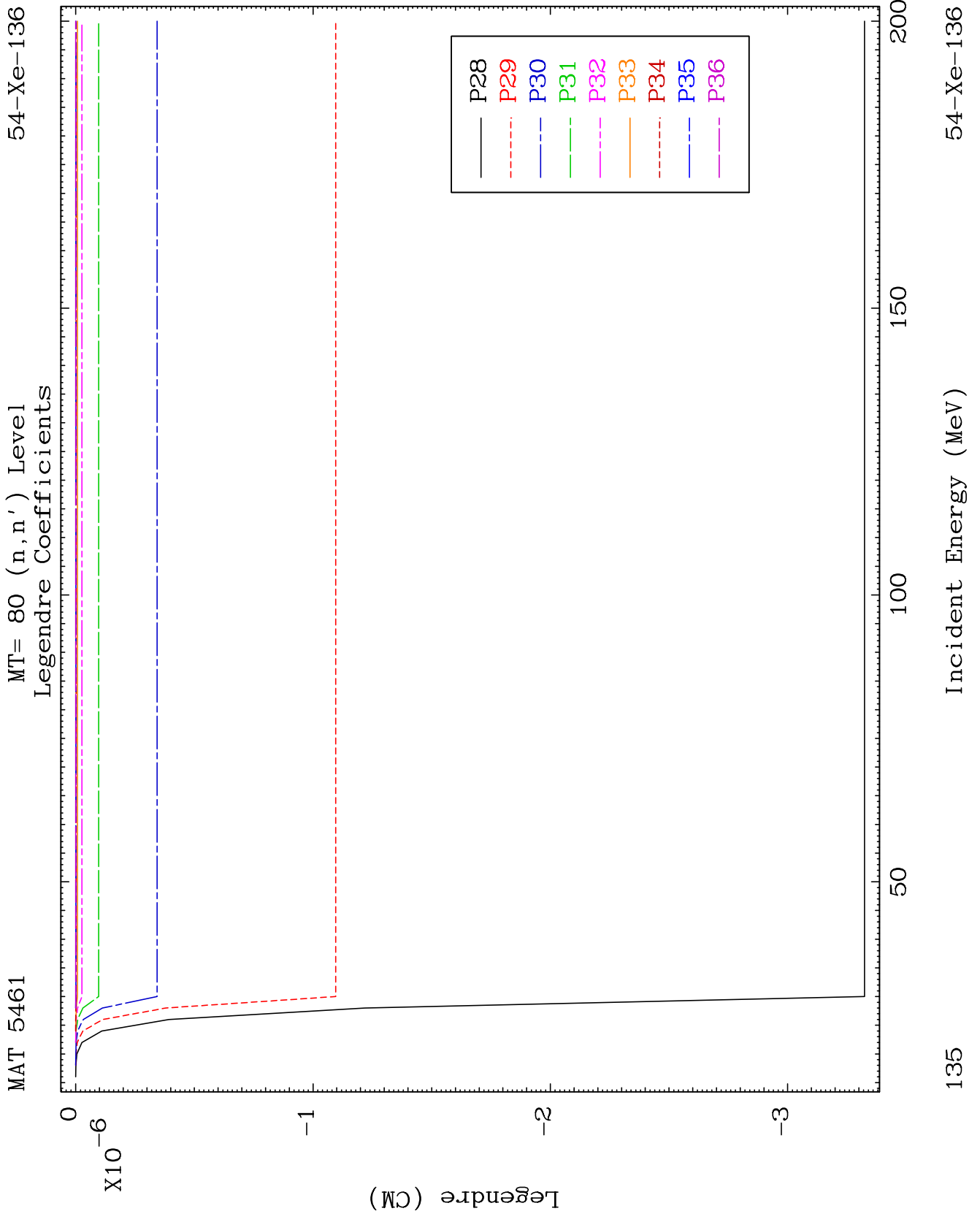


133

Incident Energy (MeV)

54-Xe-136



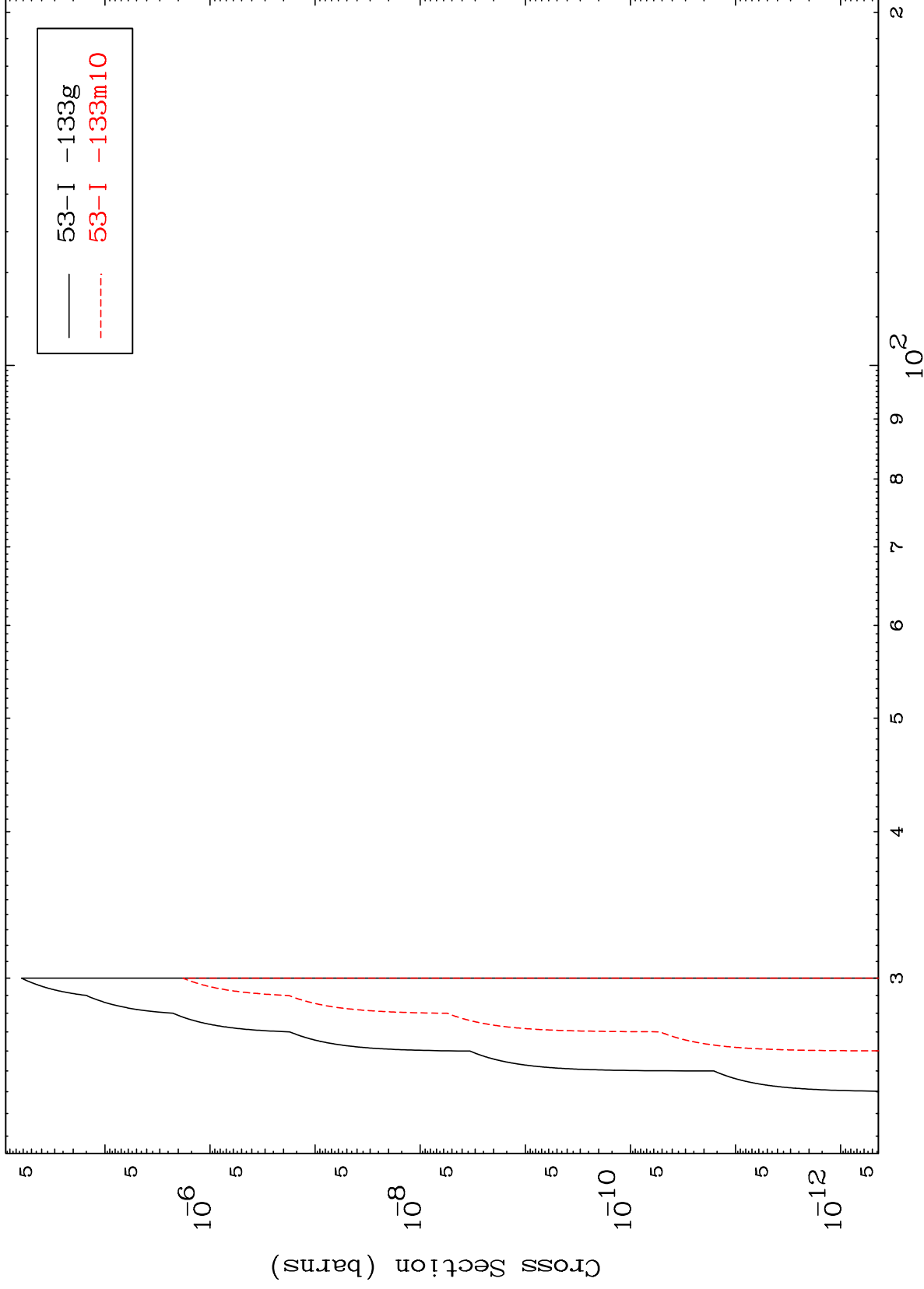


MAT 5461

(n,2n) d

54-Xe-136

Radionuclide Production Cross Section



136

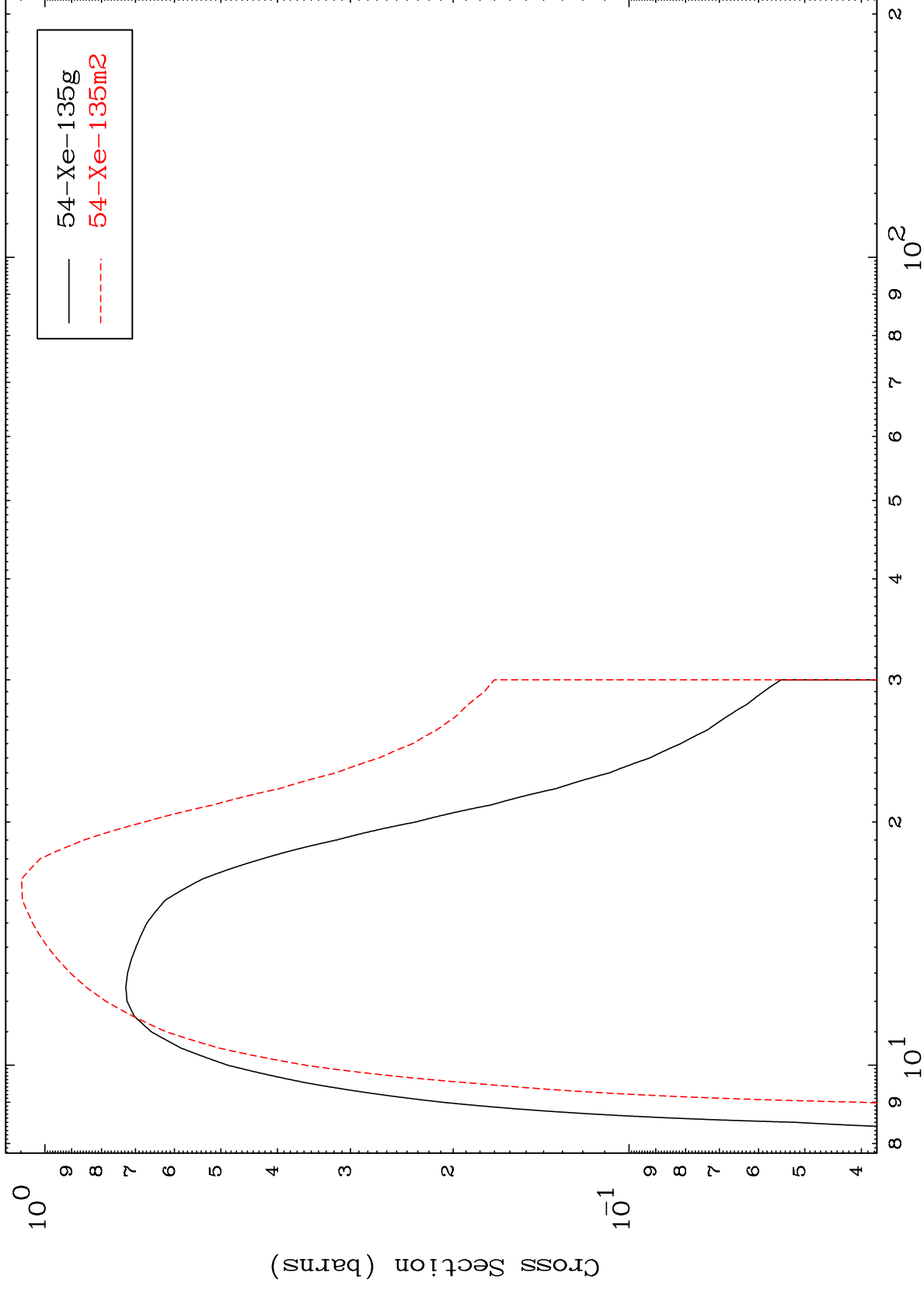
Incident Energy (MeV)

54-Xe-136

MAT 5461

54-Xe-136

(n,2n)
Radionuclide Production Cross Section

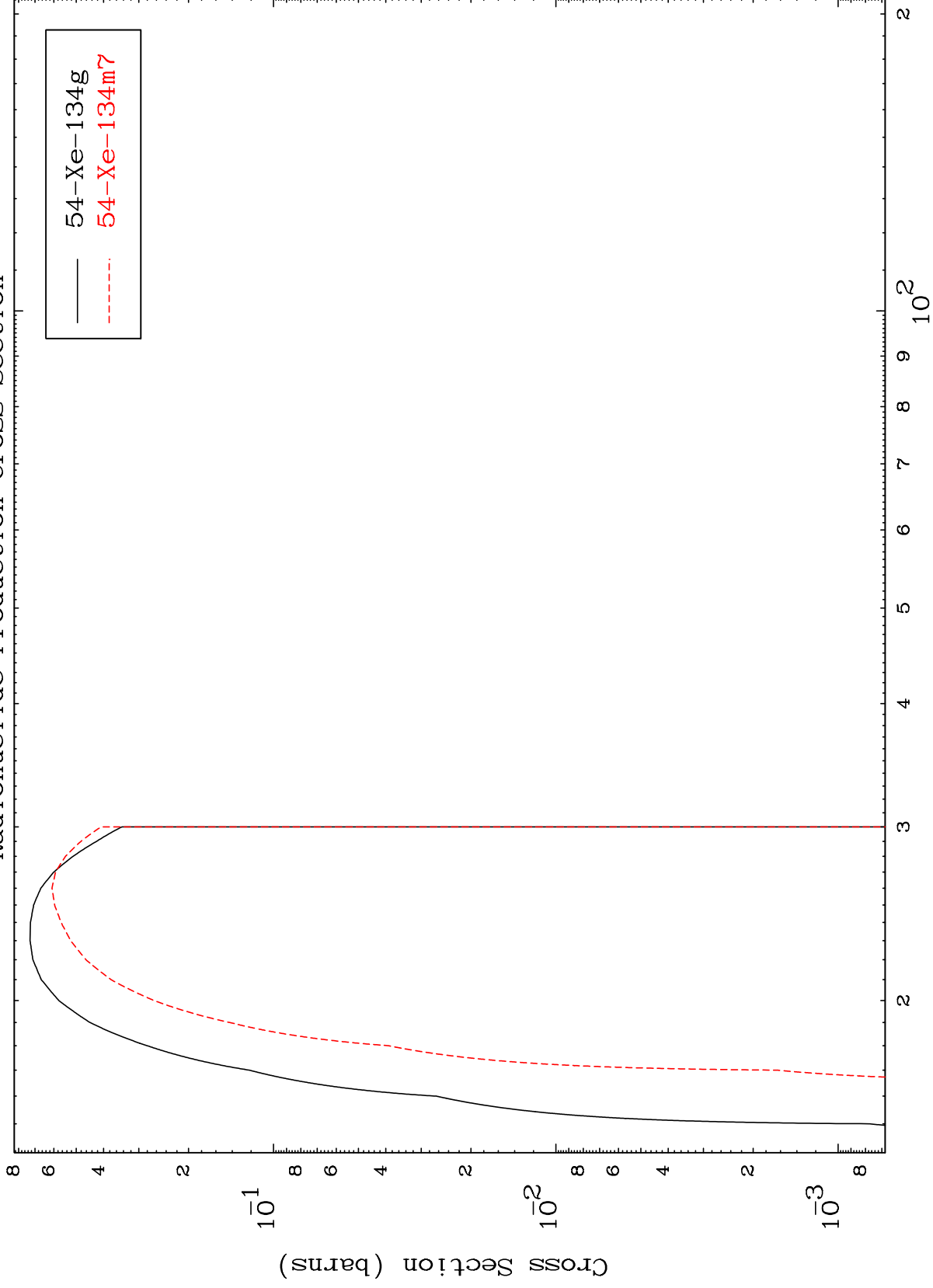


137

Incident Energy (MeV)

54-Xe-136

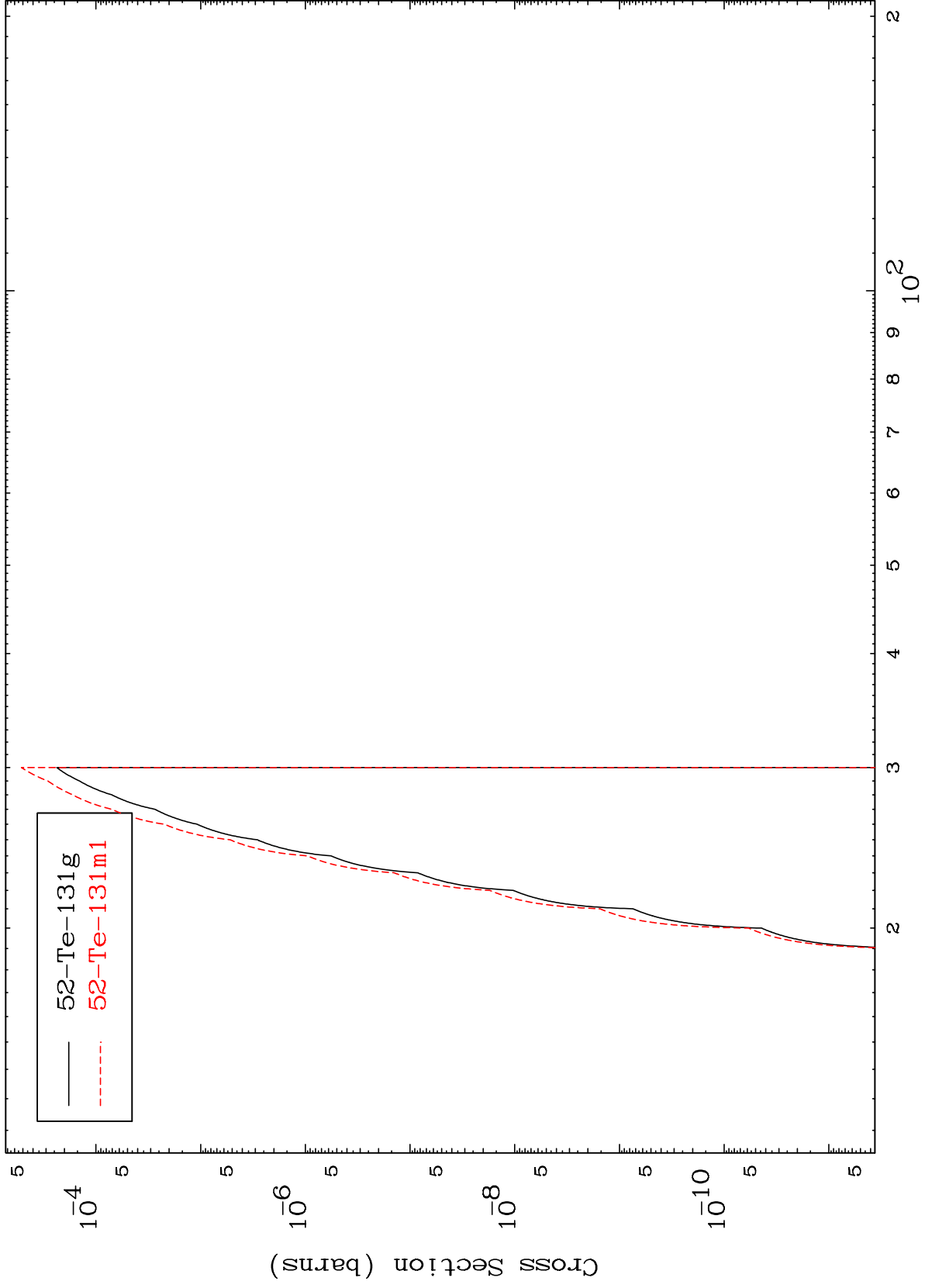
Radionuclide Production Cross Section



MAT 5461

54-Xe-136

(n,2n) α
Radionuclide Production Cross Section



139

54-Xe-136

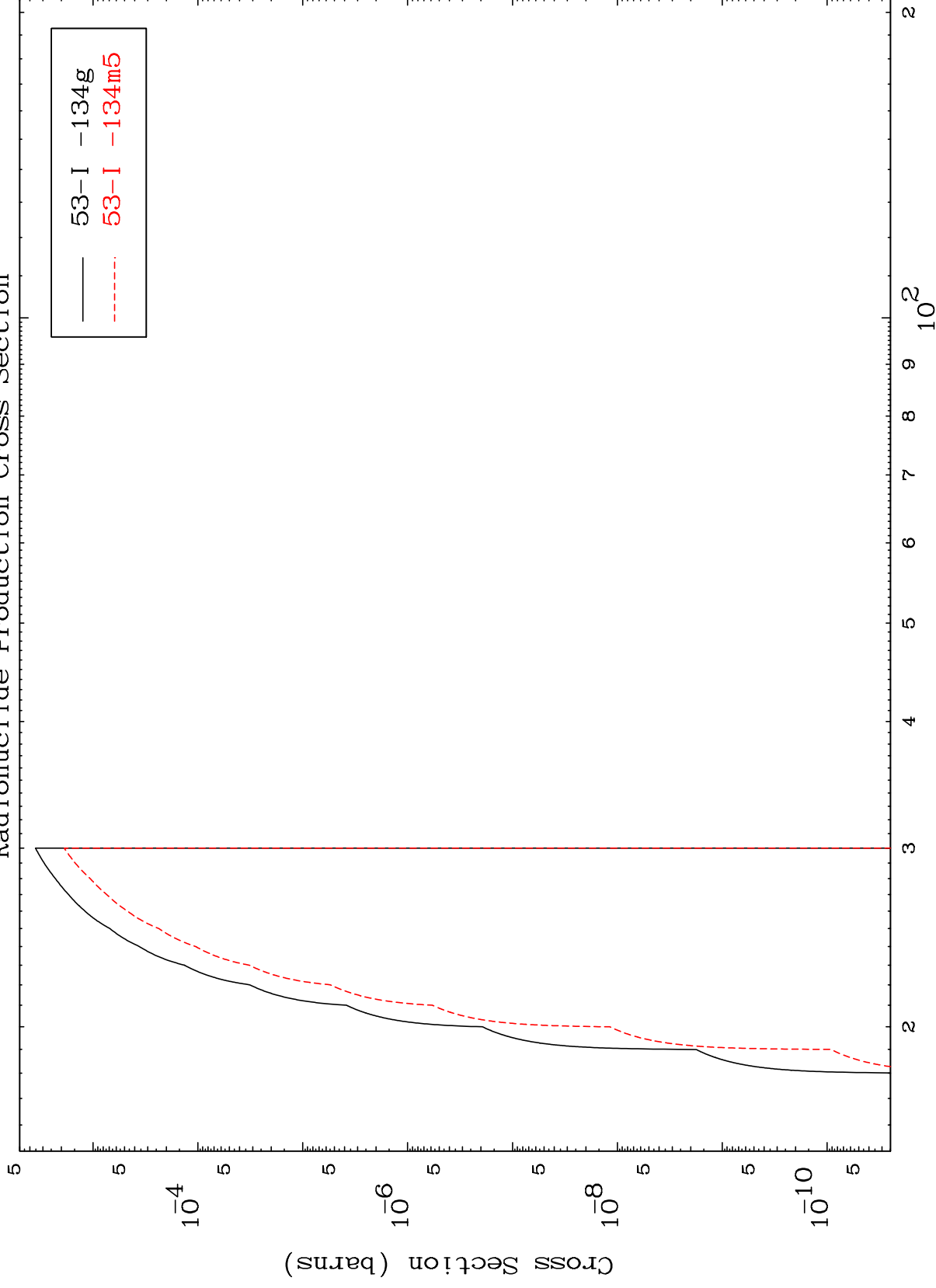
Incident Energy (MeV)

MAT 5461

(n,n') d

54-Xe-136

Radionuclide Production Cross Section



140

Incident Energy (MeV)

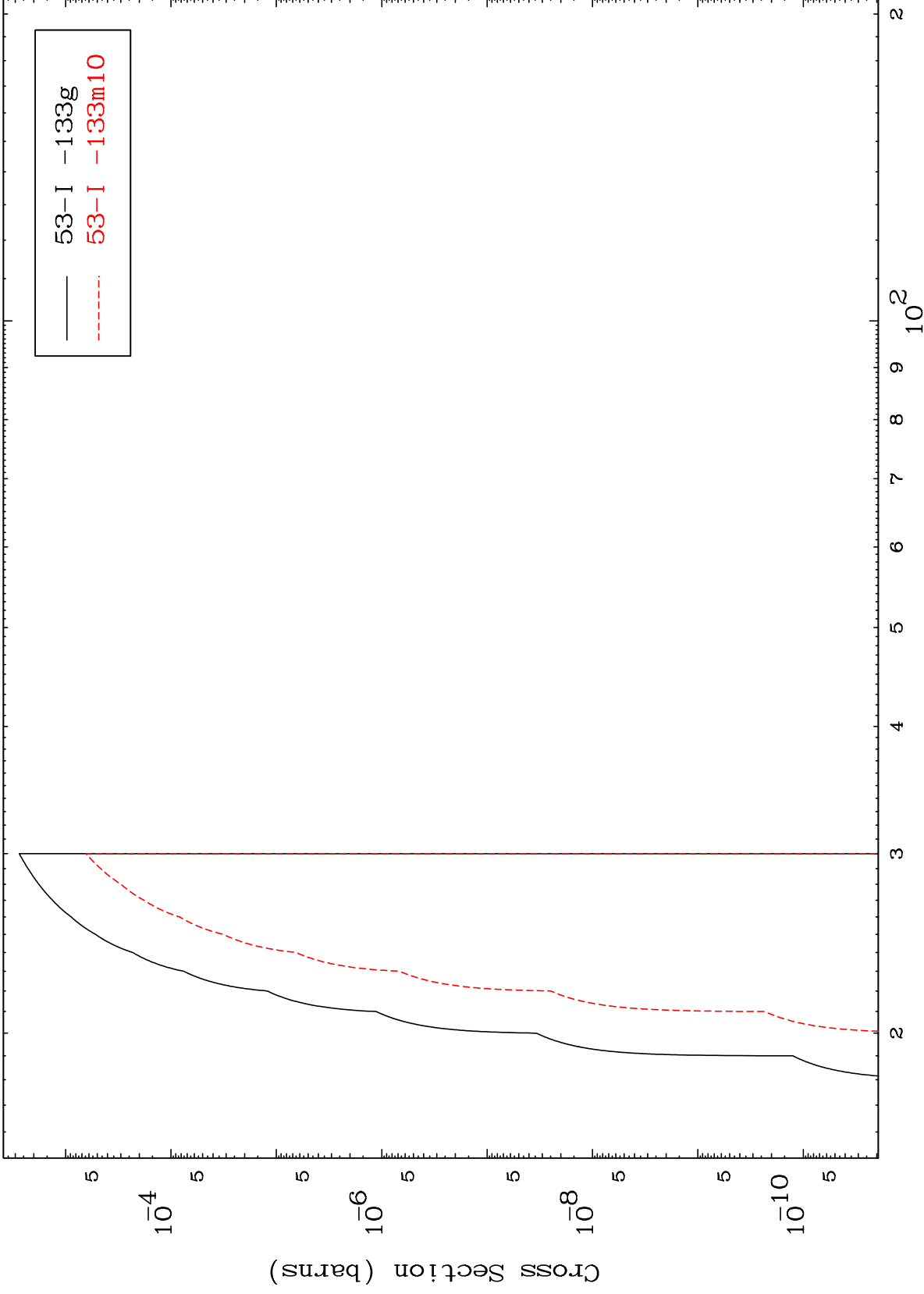
54-Xe-136

MAT 5461

(n,n') t

54-Xe-136

Radionuclide Production Cross Section



141

Incident Energy (MeV)

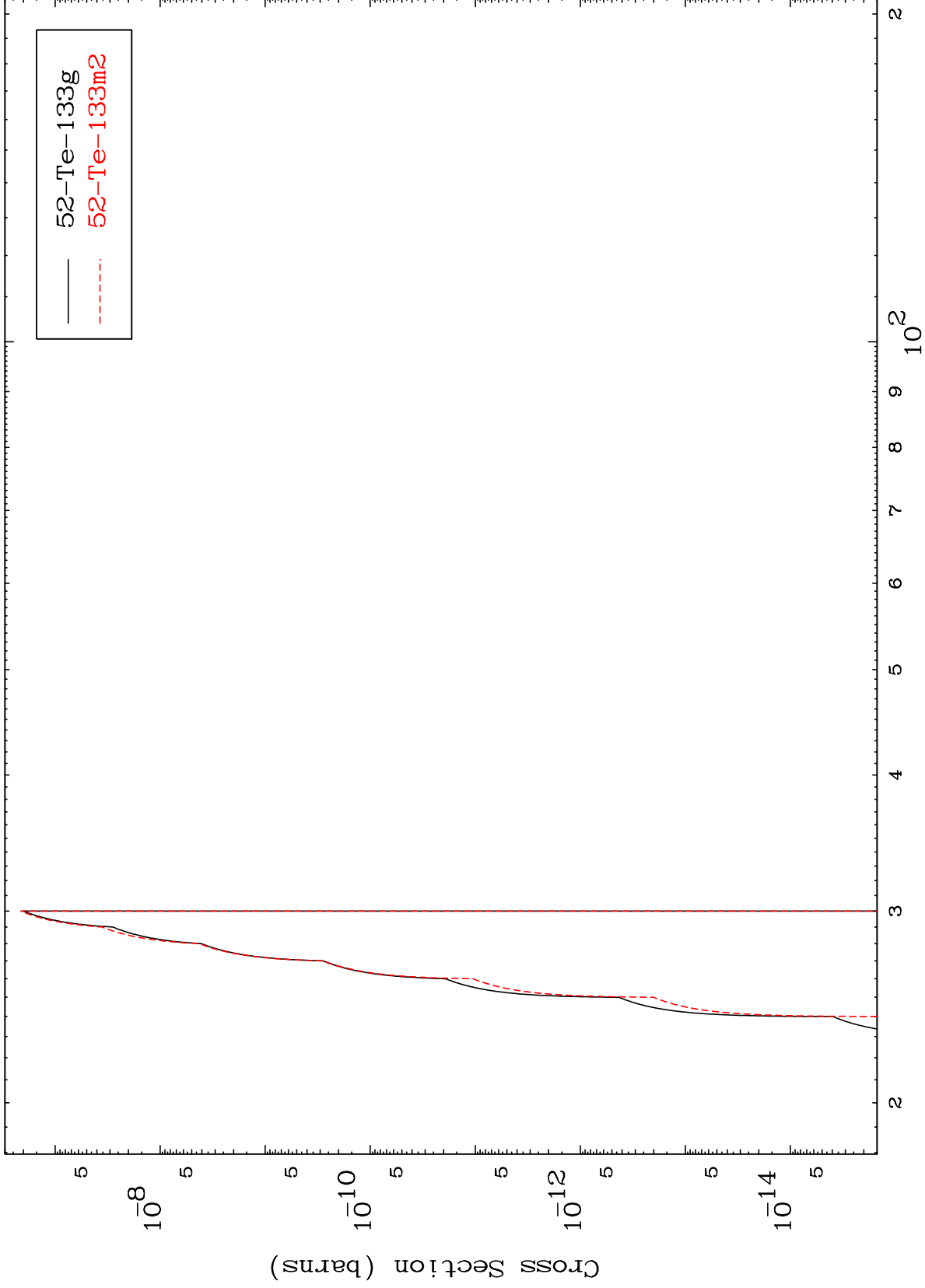
54-Xe-136

MAT 5461

(n,n') He-3

54-Xe-136

Radionuclide Production Cross Section



142

Incident Energy (MeV)

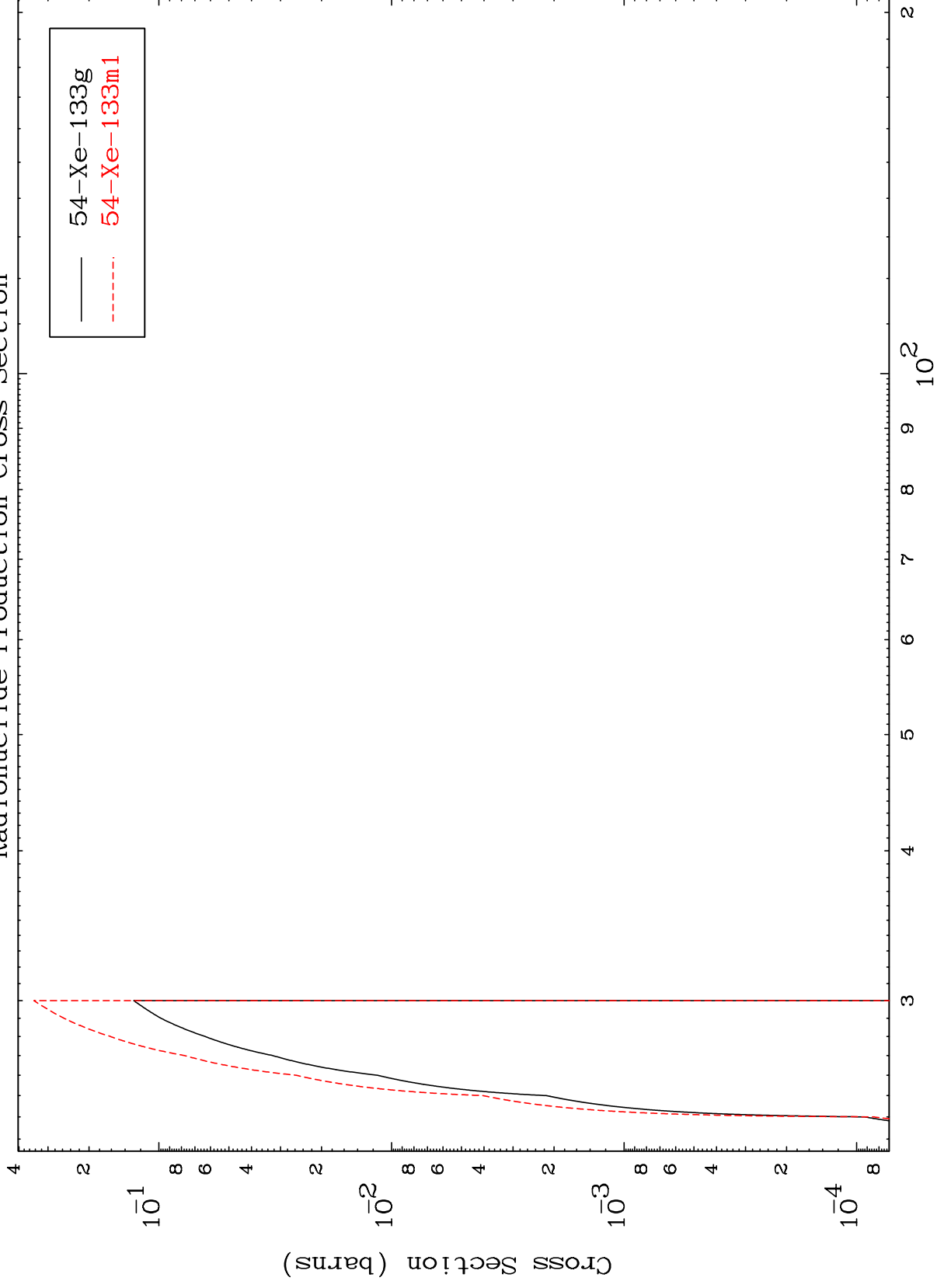
54-Xe-136

MAT 5461

(n,4n)

54-Xe-136

Radionuclide Production Cross Section

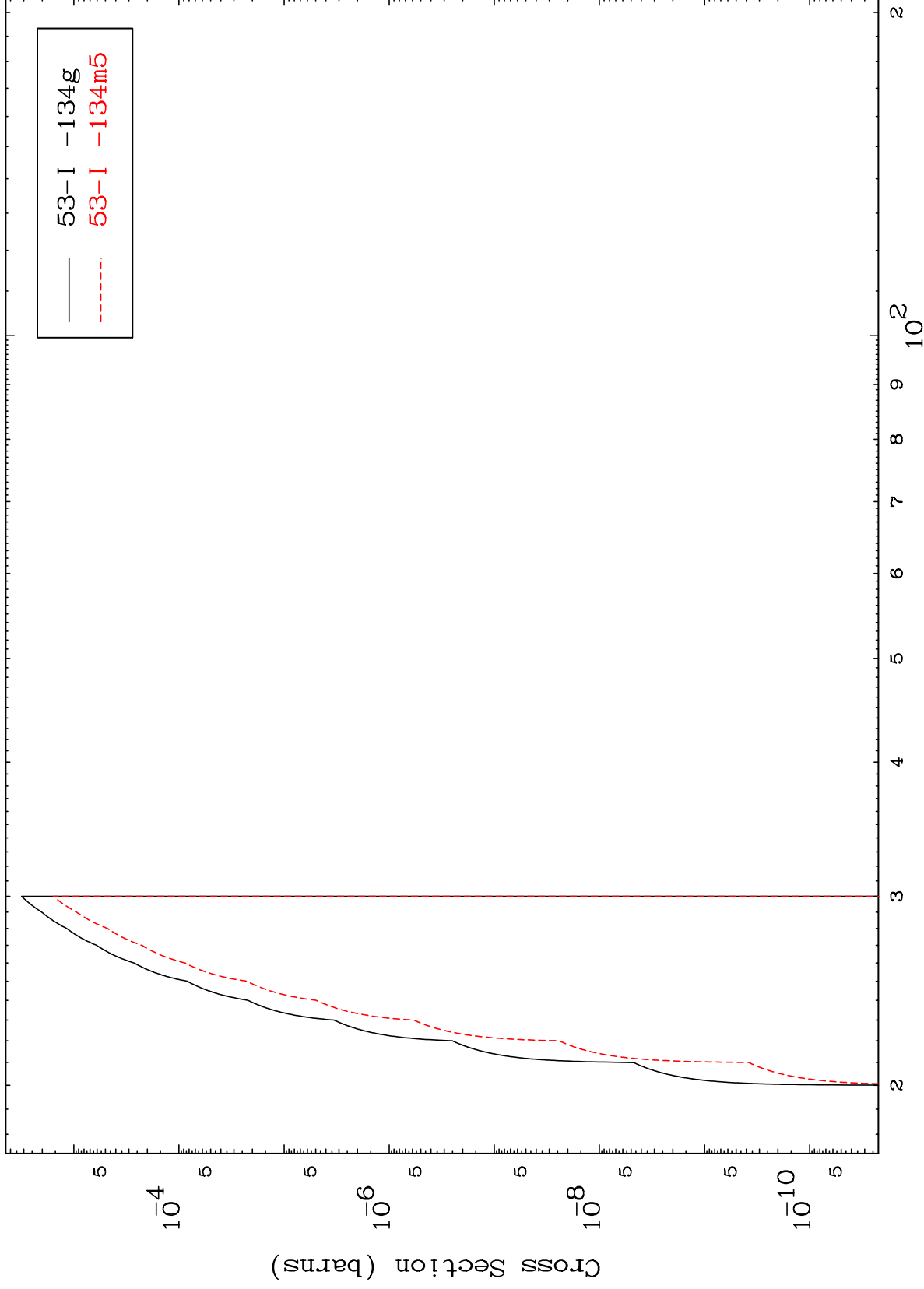


143

Incident Energy (MeV)

54-Xe-136

Radionuclide Production Cross Section

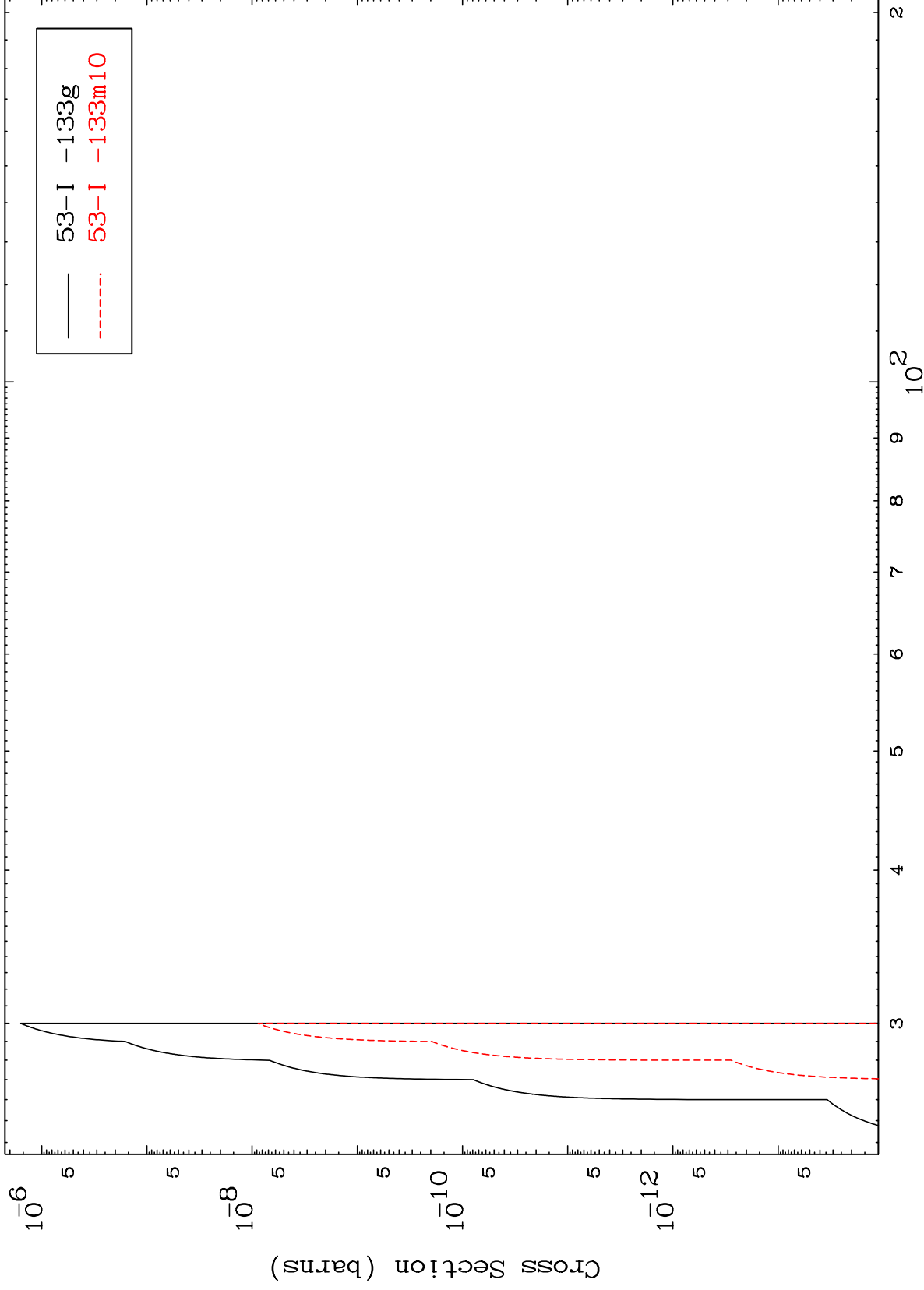


MAT 5461

(n,3n) p

54-Xe-136

Radionuclide Production Cross Section



145

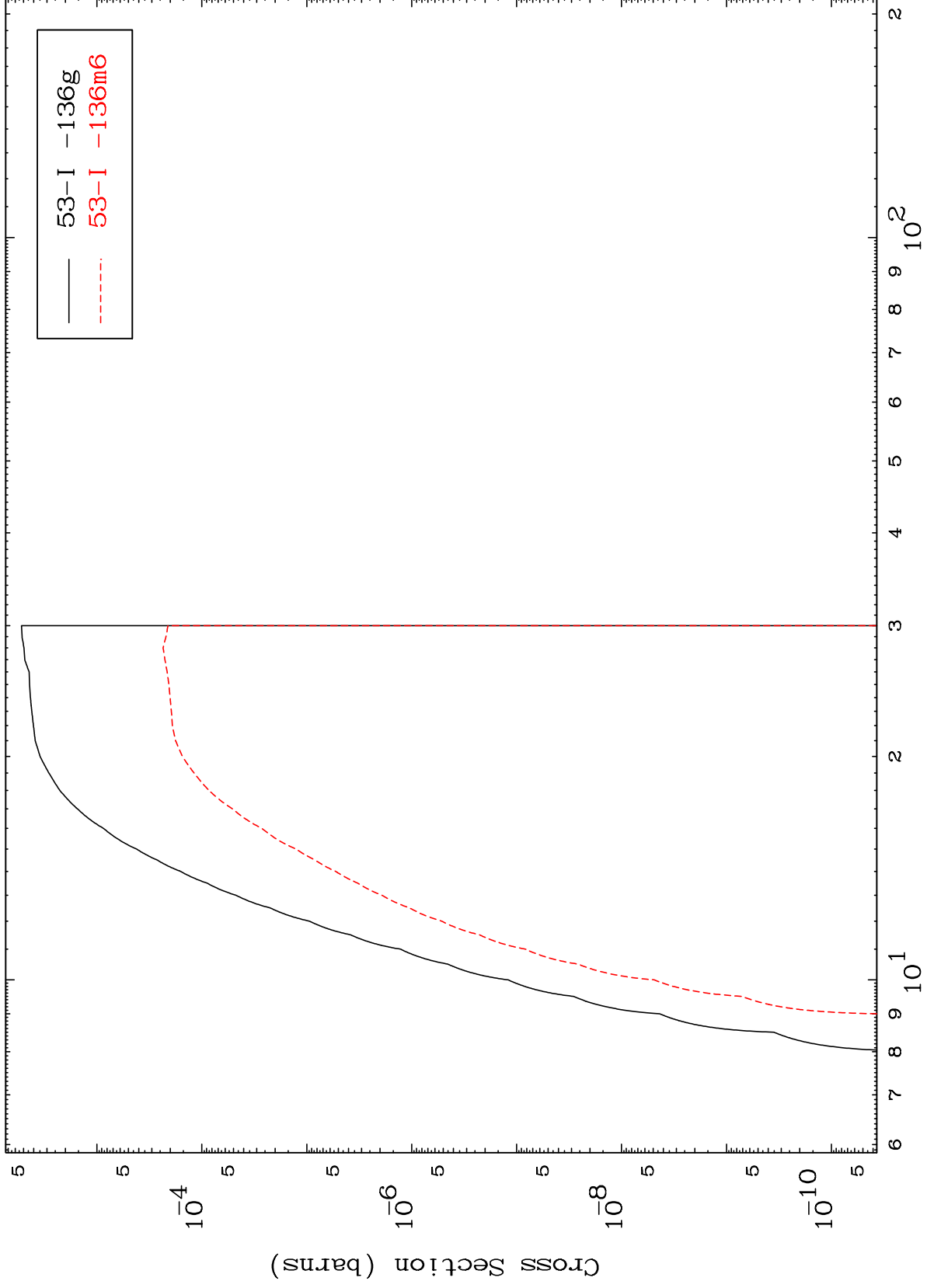
Incident Energy (MeV)

54-Xe-136

MAT 5461

54-Xe-136

(n,p)
Radionuclide Production Cross Section



146

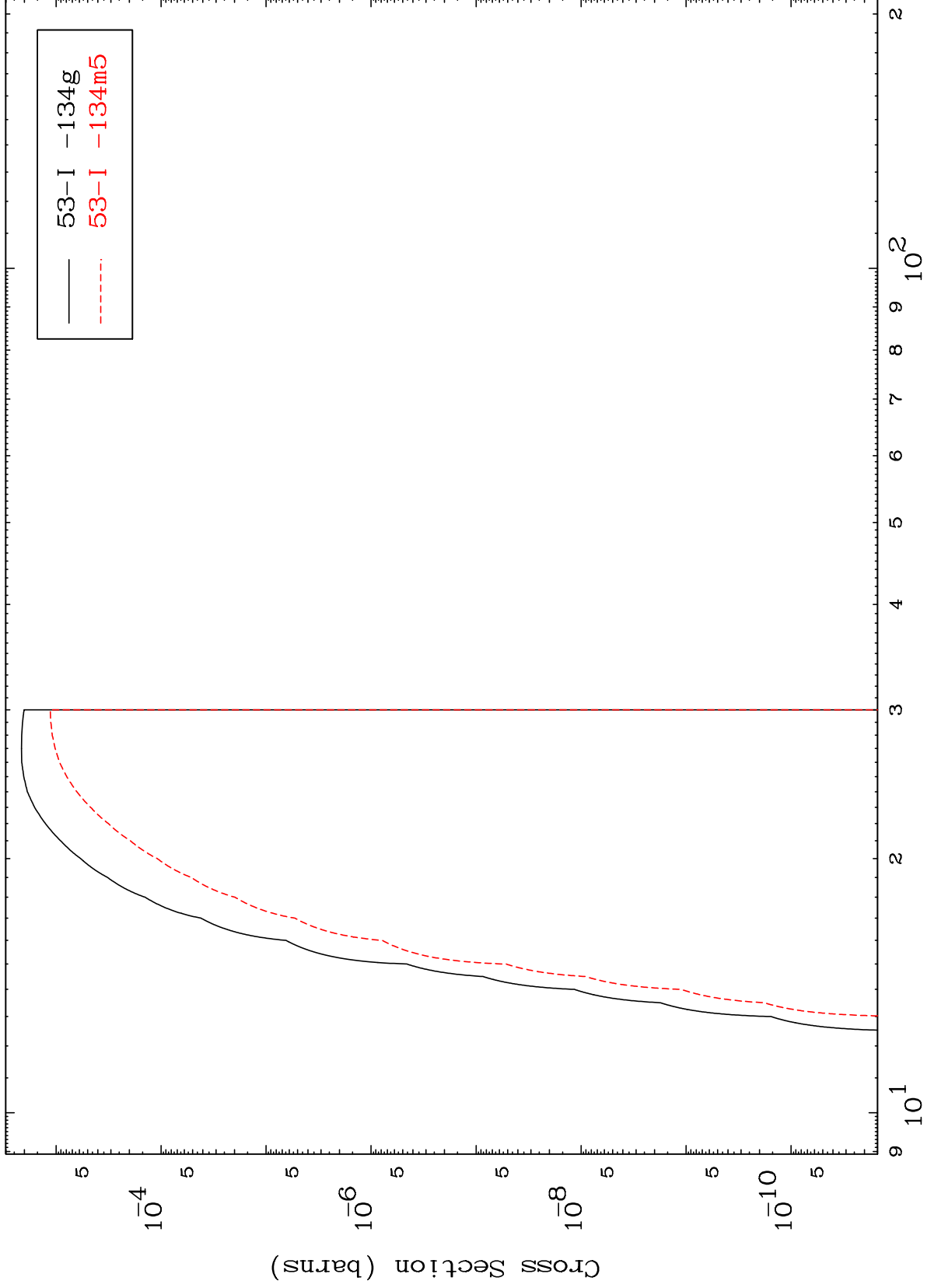
Incident Energy (MeV)

54-Xe-136

MAT 5461

54-Xe-136

(n,t)
Radionuclide Production Cross Section



54-Xe-136

Incident Energy (MeV)

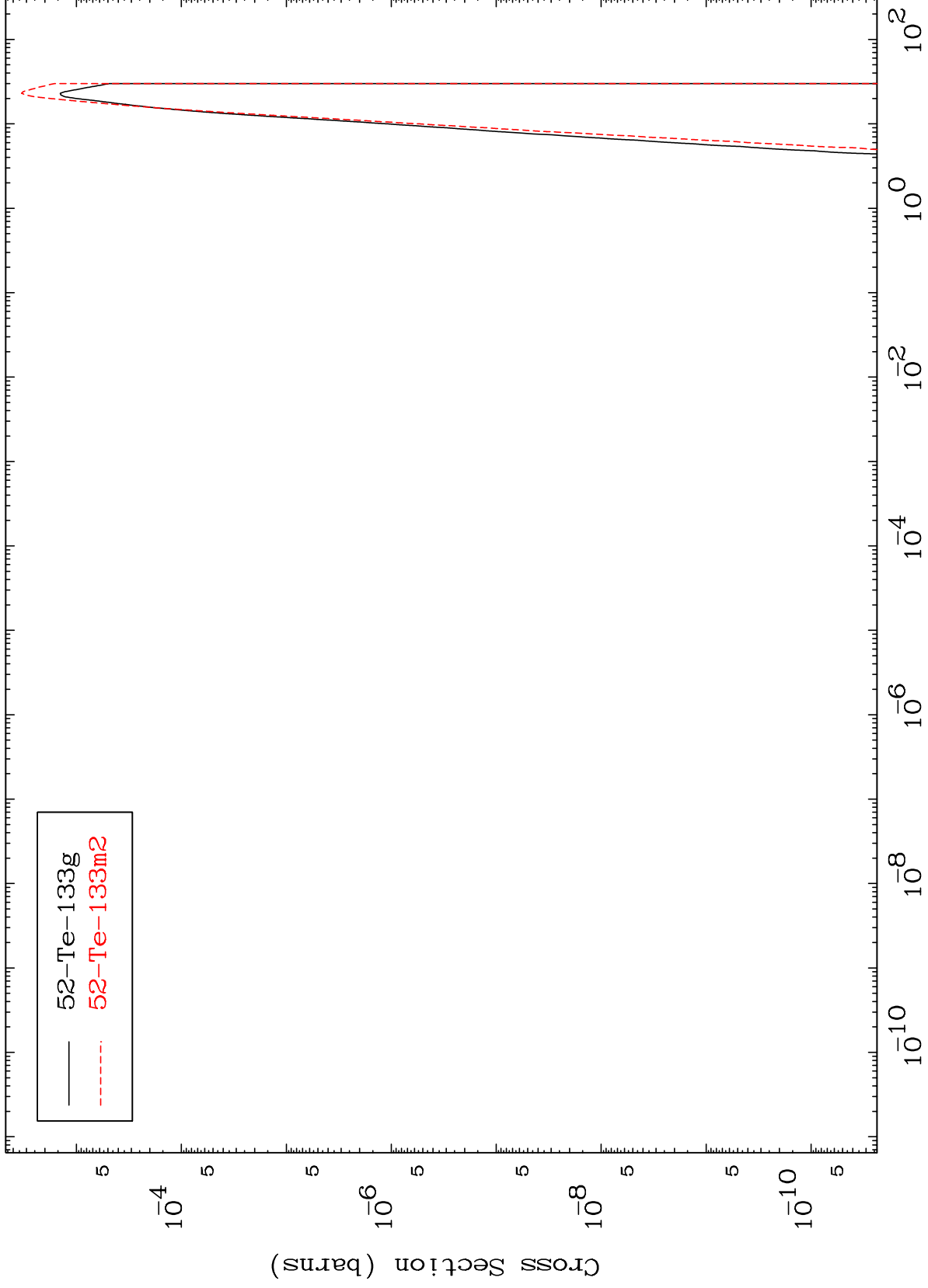
147

MAT 5461

(n, α)

54-Xe-136

Radionuclide Production Cross Section



148

Incident Energy (MeV)

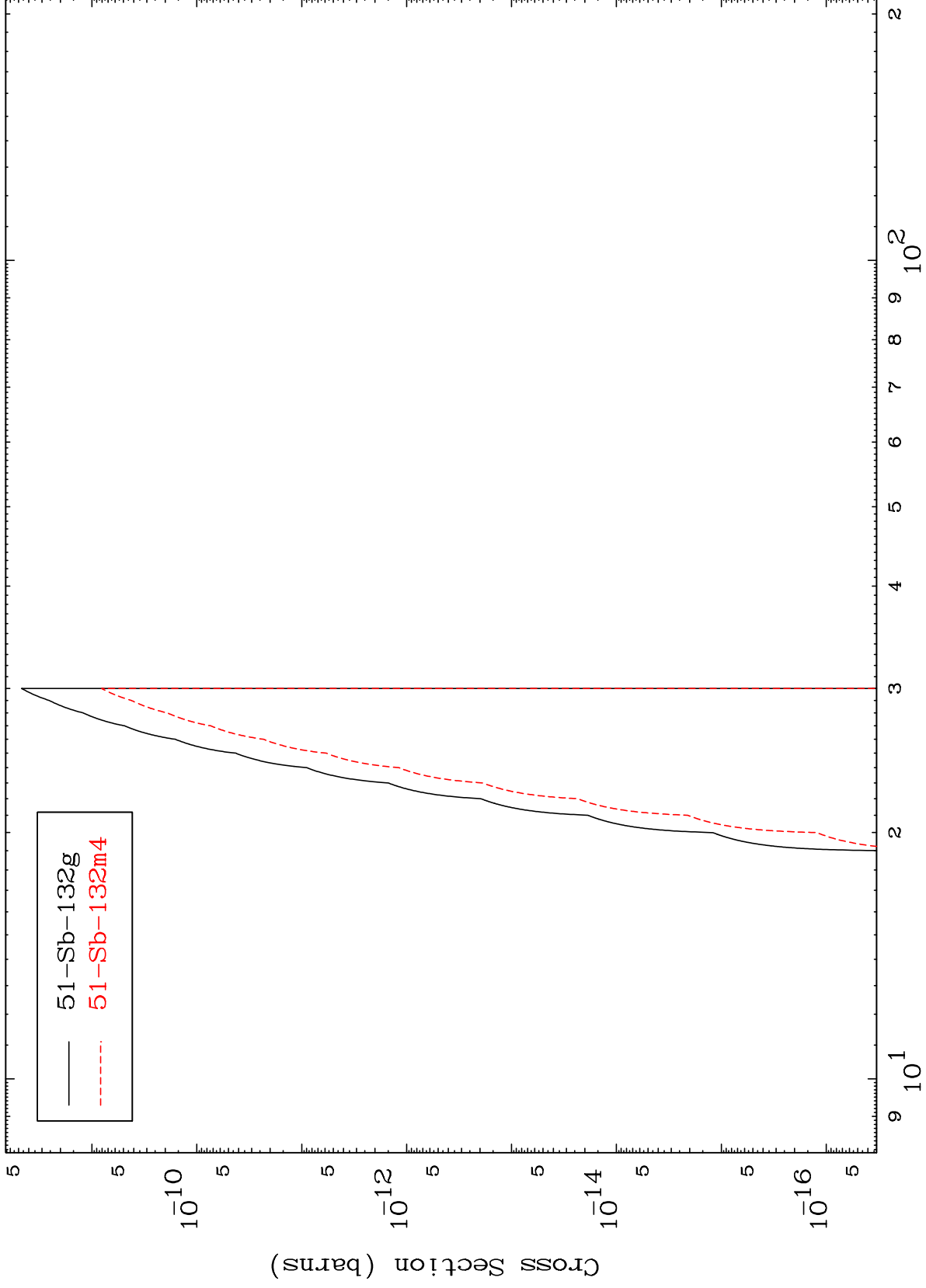
54-Xe-136

MAT 5461

(n,p) α

54-Xe-136

Radionuclide Production Cross Section



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

149

Incident Energy (MeV)

54-Xe-136