

Program EVALPLOT
(Version 2017-1)

by

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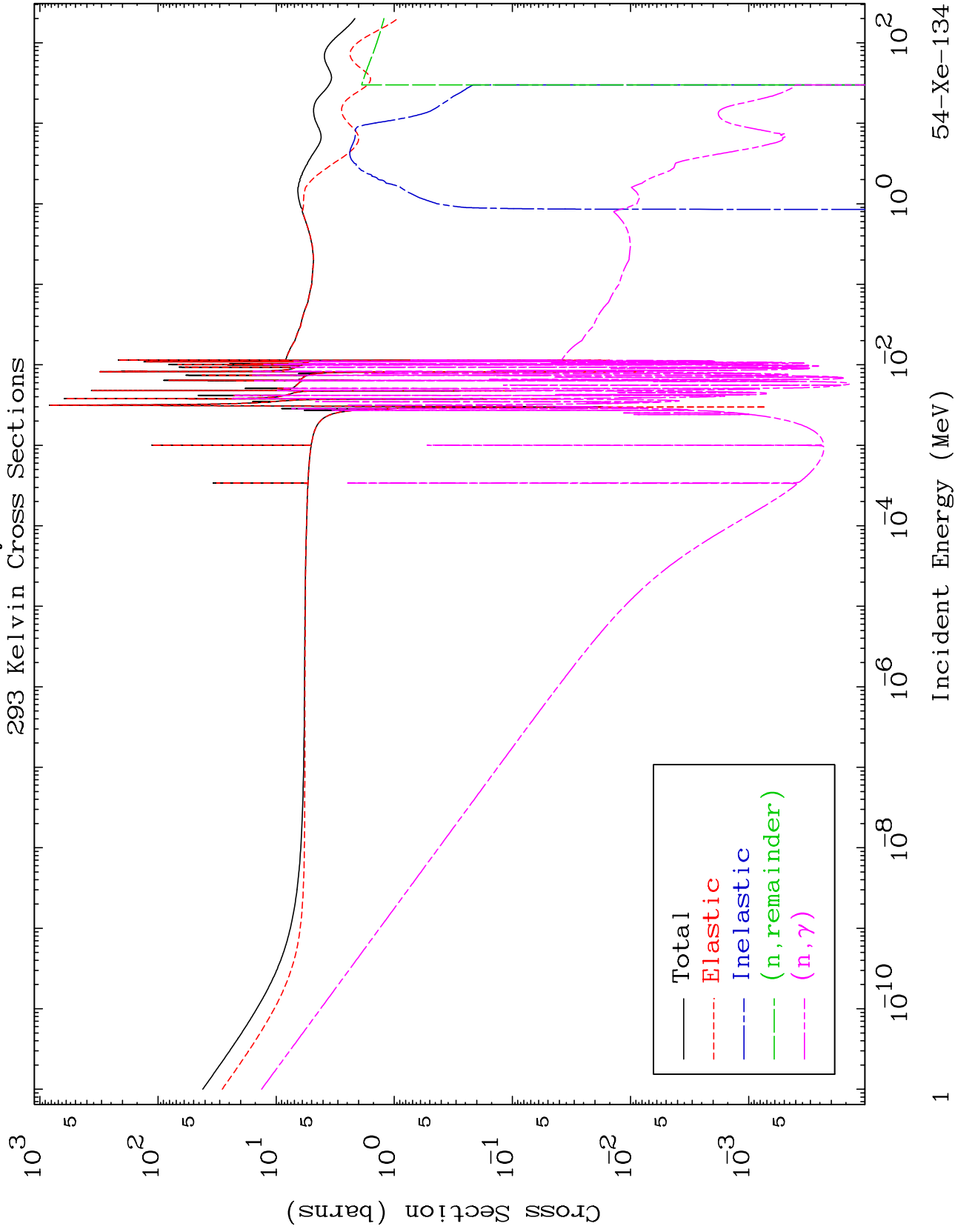
Press Mouse Button to Start

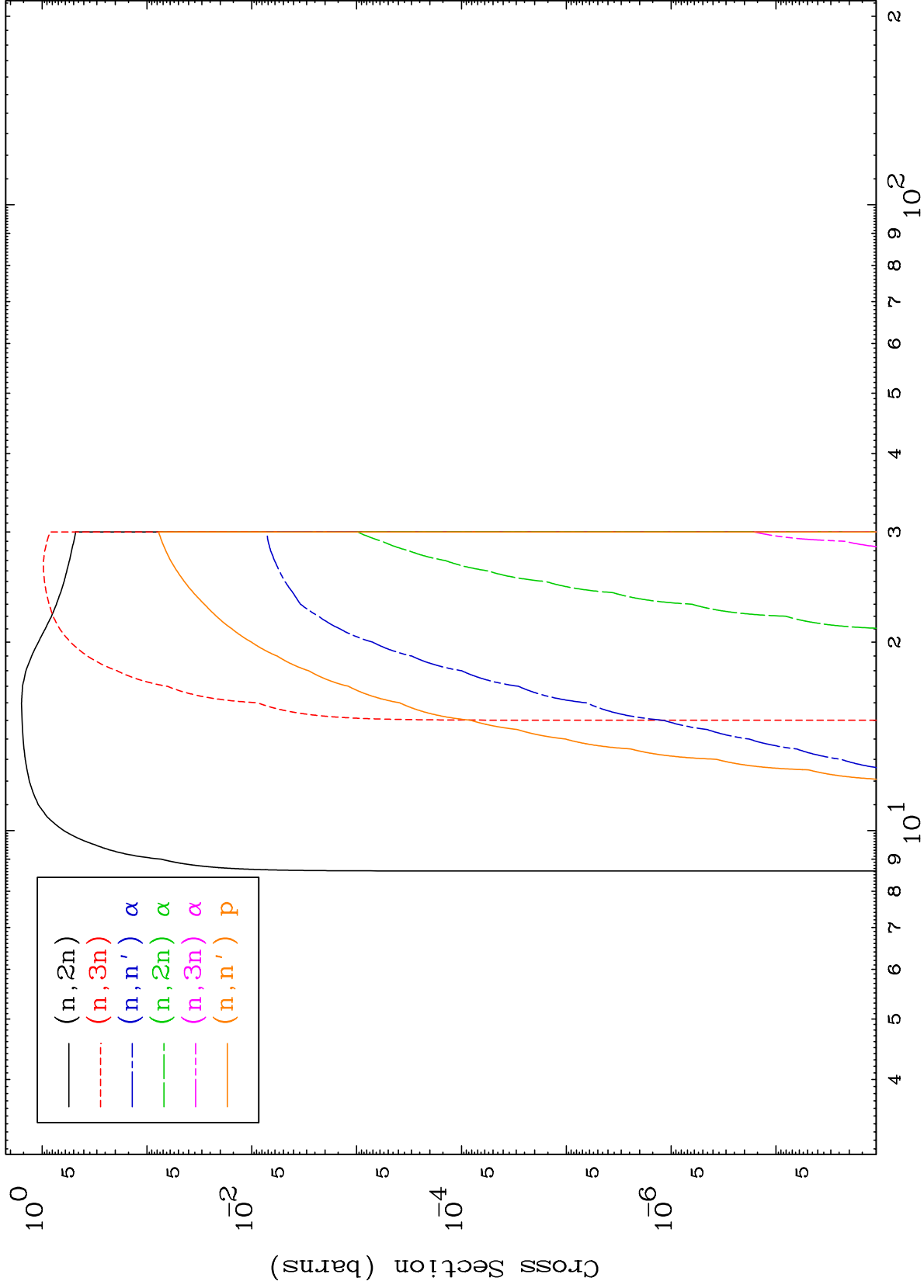
MAT 5455

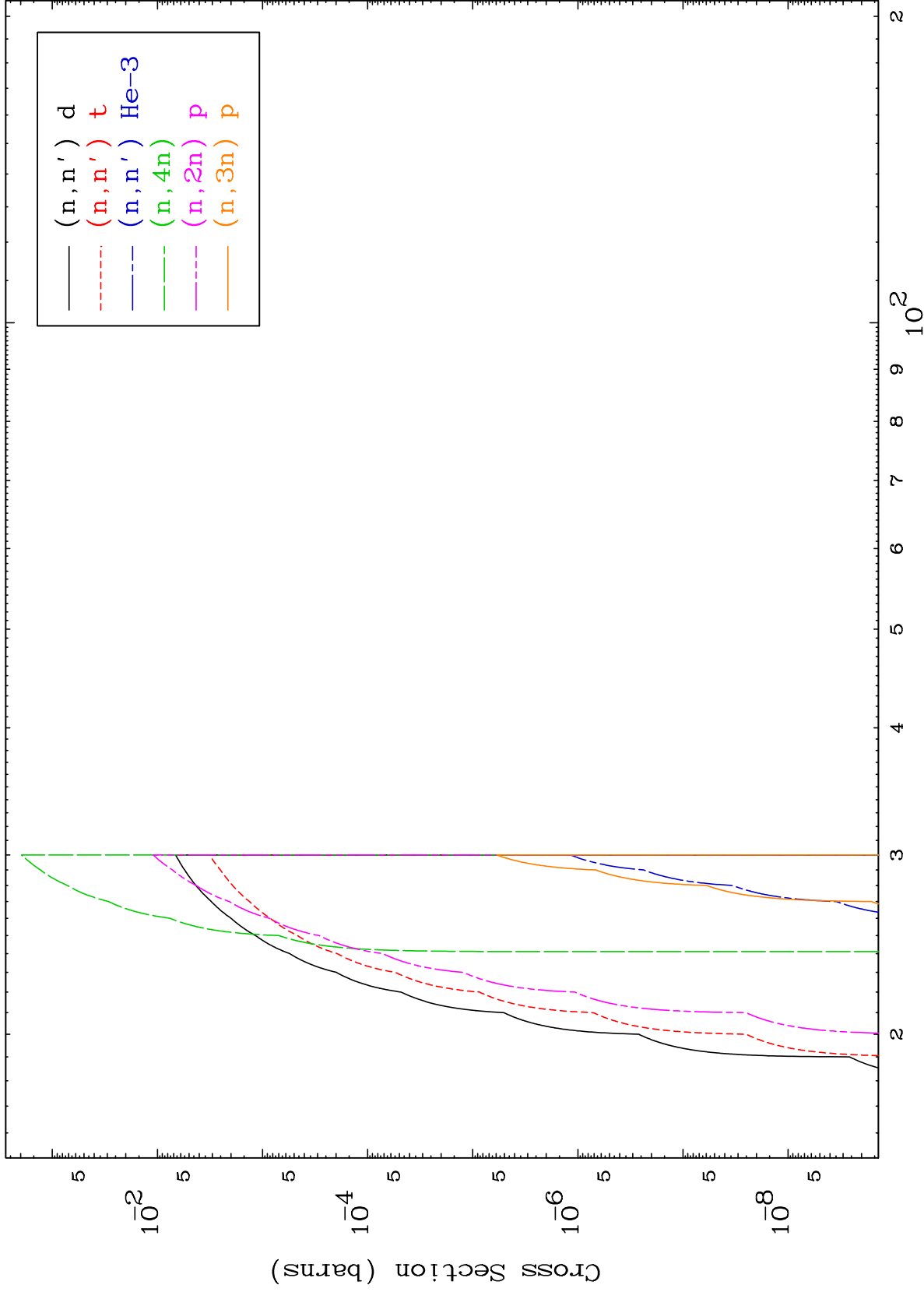
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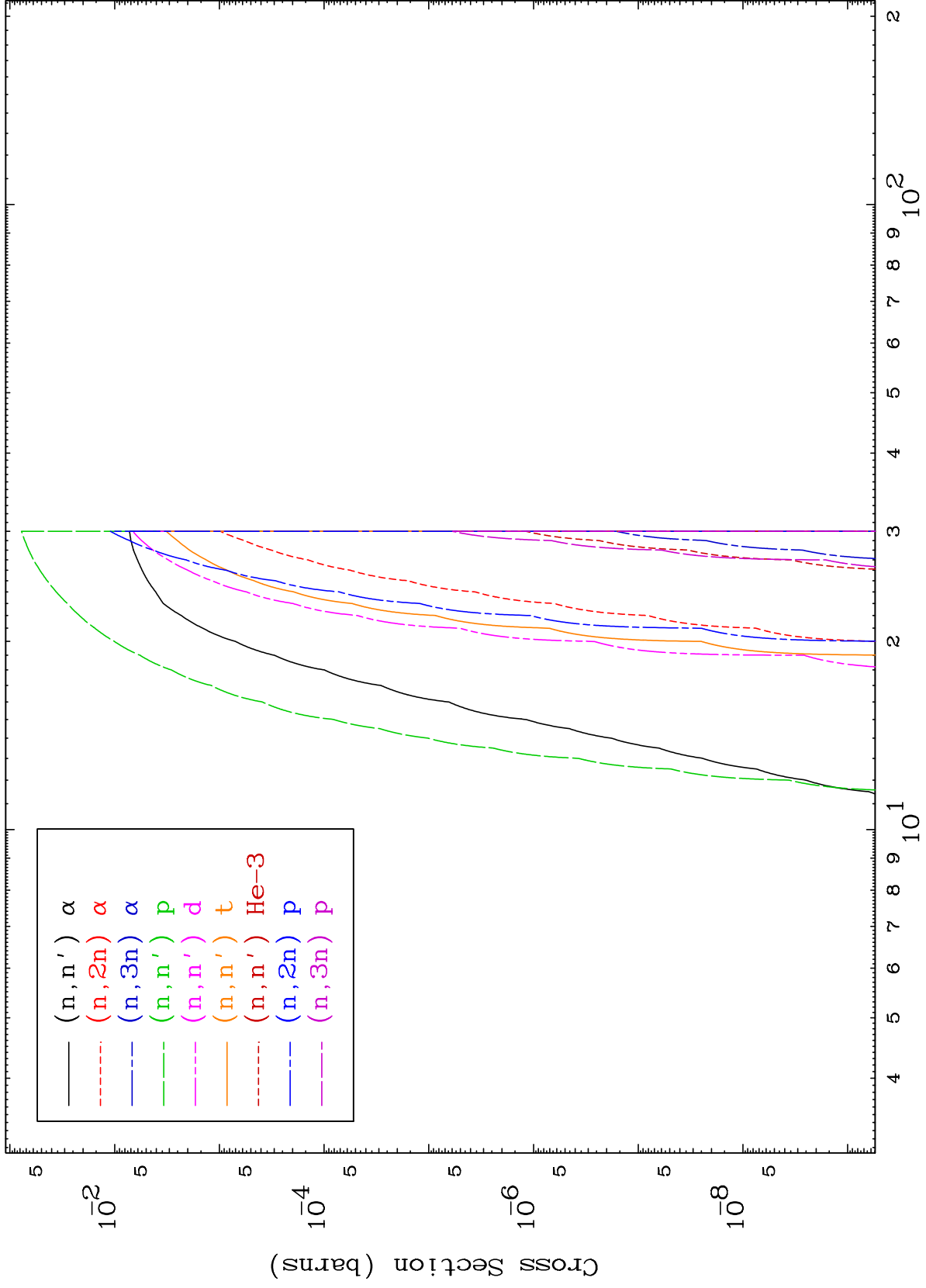
293 Kelvin Cross Sections

54-Xe-134





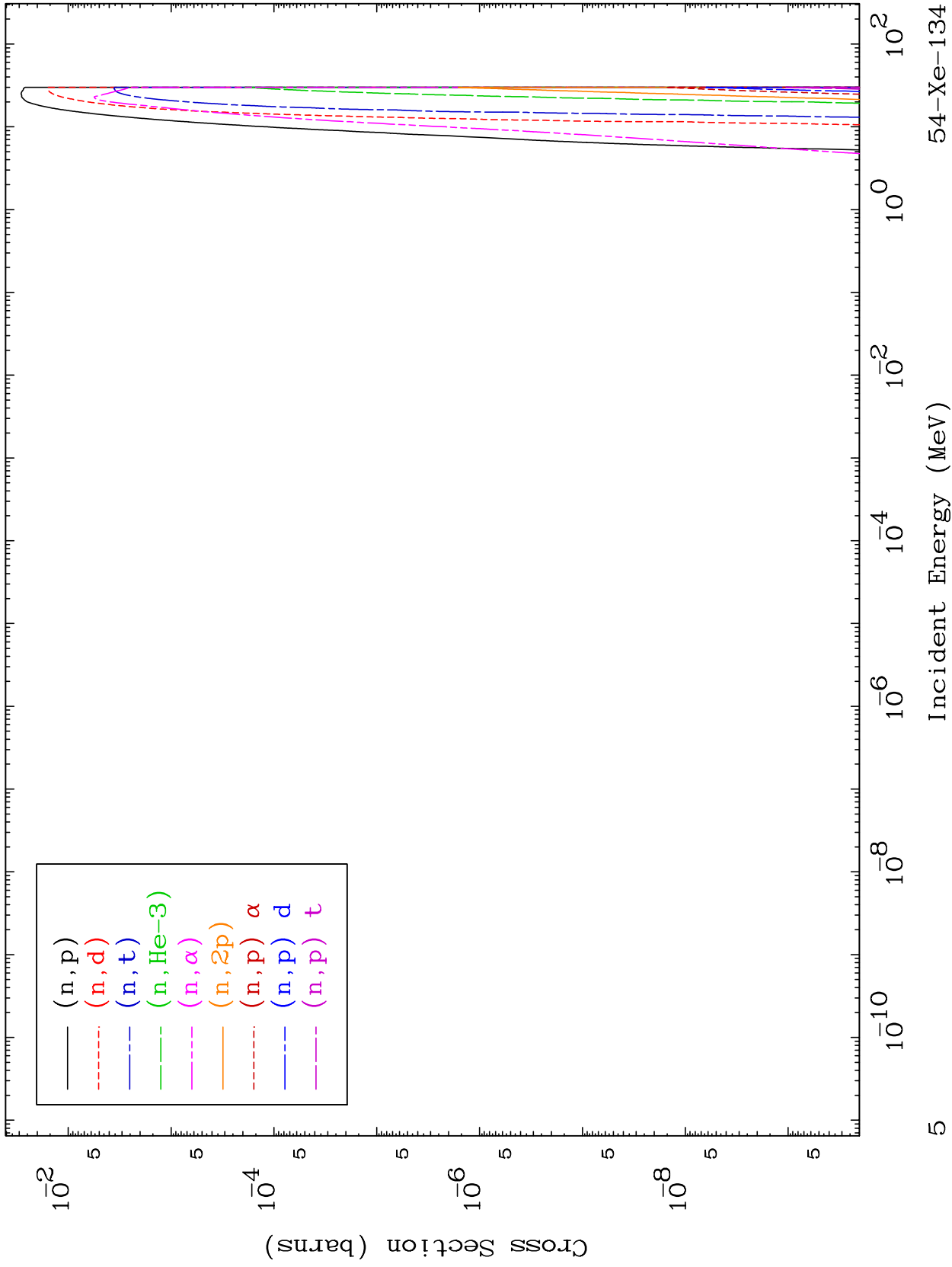




MAT 5455

Charged Particle
293 Kelvin Cross Sections

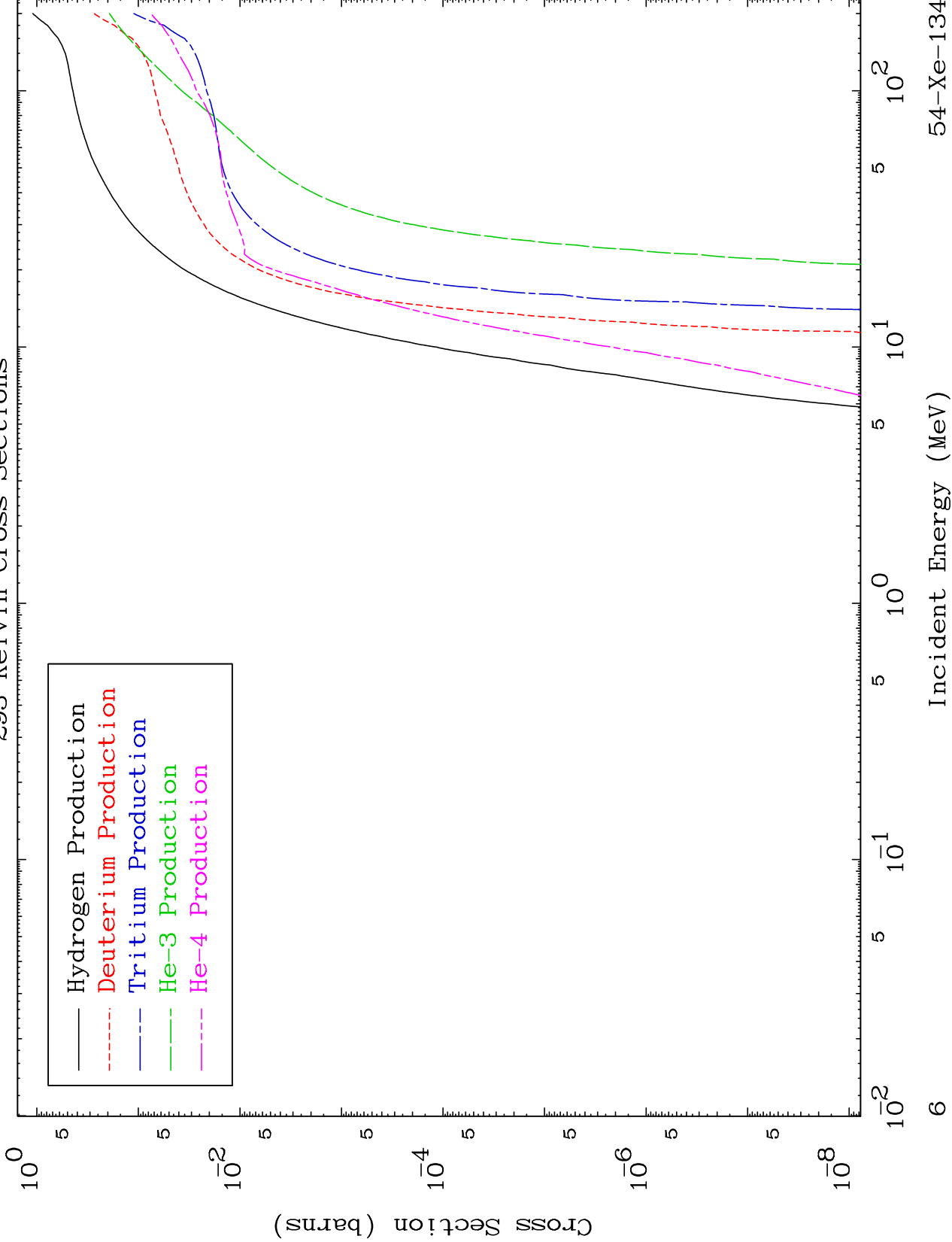
54-Xe-134



MAT 5455

Particle Production
293 Kelvin Cross Sections

54-Xe-134



54-Xe-134

Incident Energy (MeV)

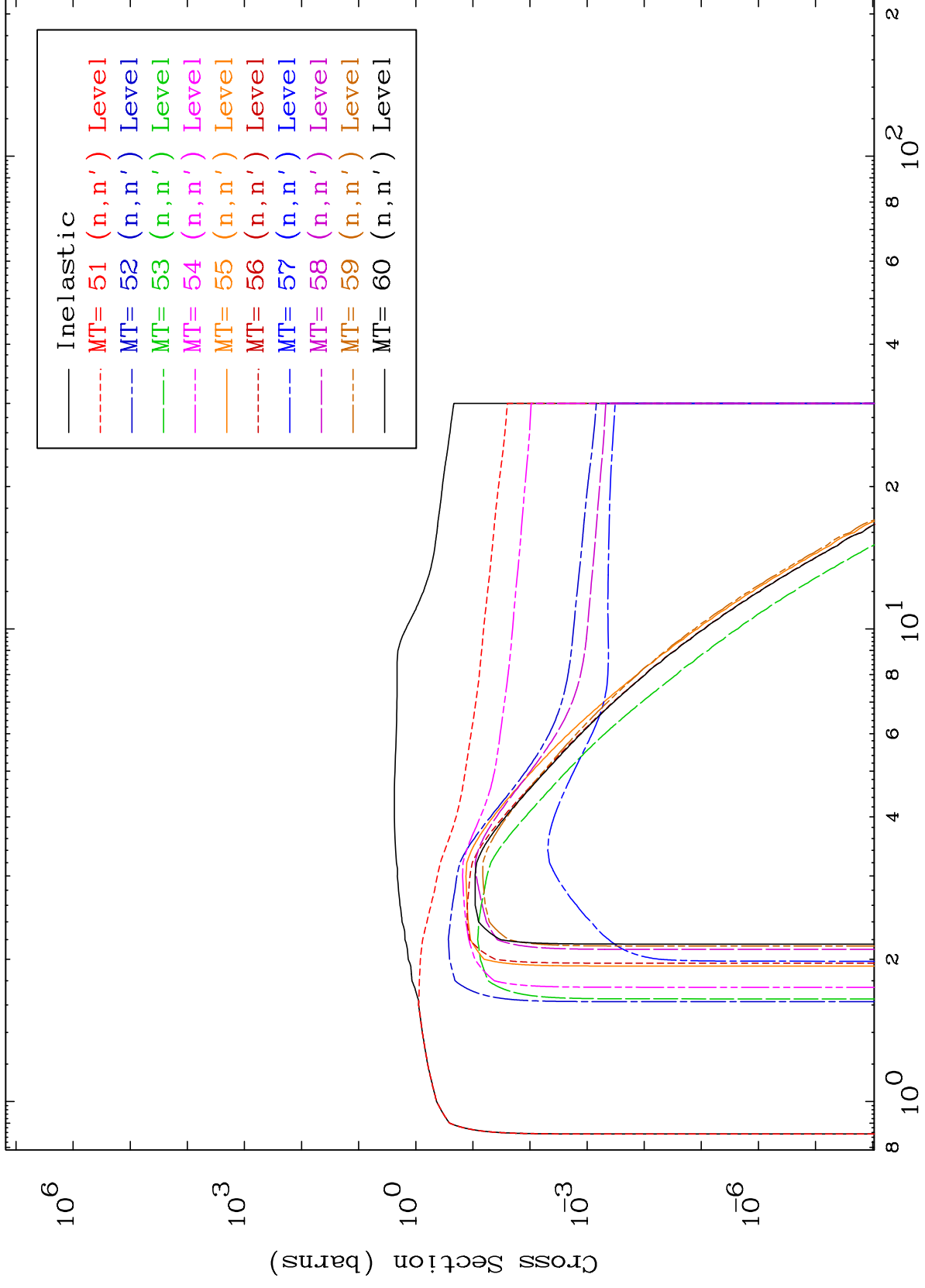
6

MAT 5455

(n,n') Level

54-Xe-134

293 Kelvin Cross Sections



Incident Energy (MeV)

54-Xe-134

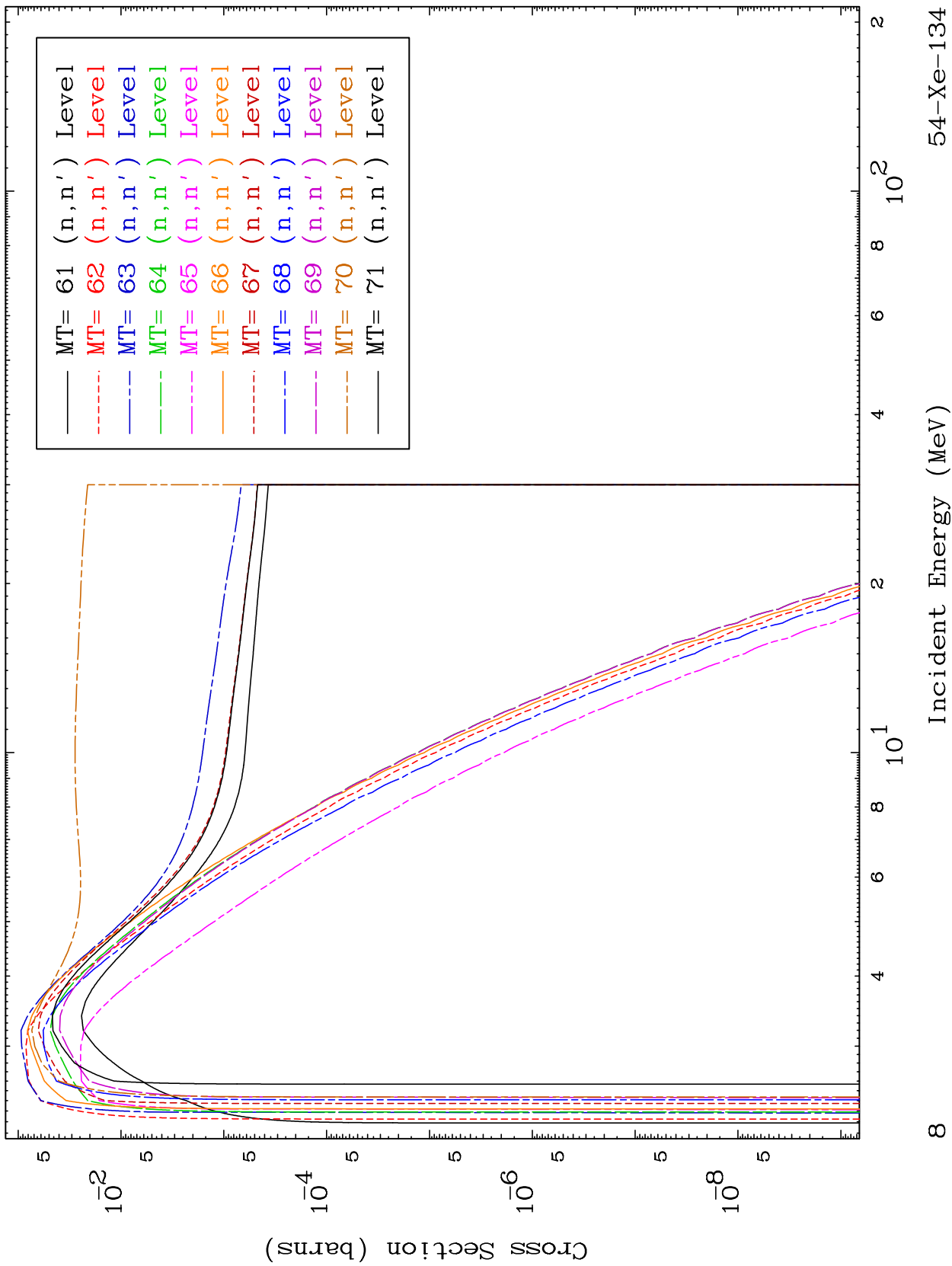
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MAT 5455

(n,n') Level

54-Xe-134

293 Kelvin Cross Sections

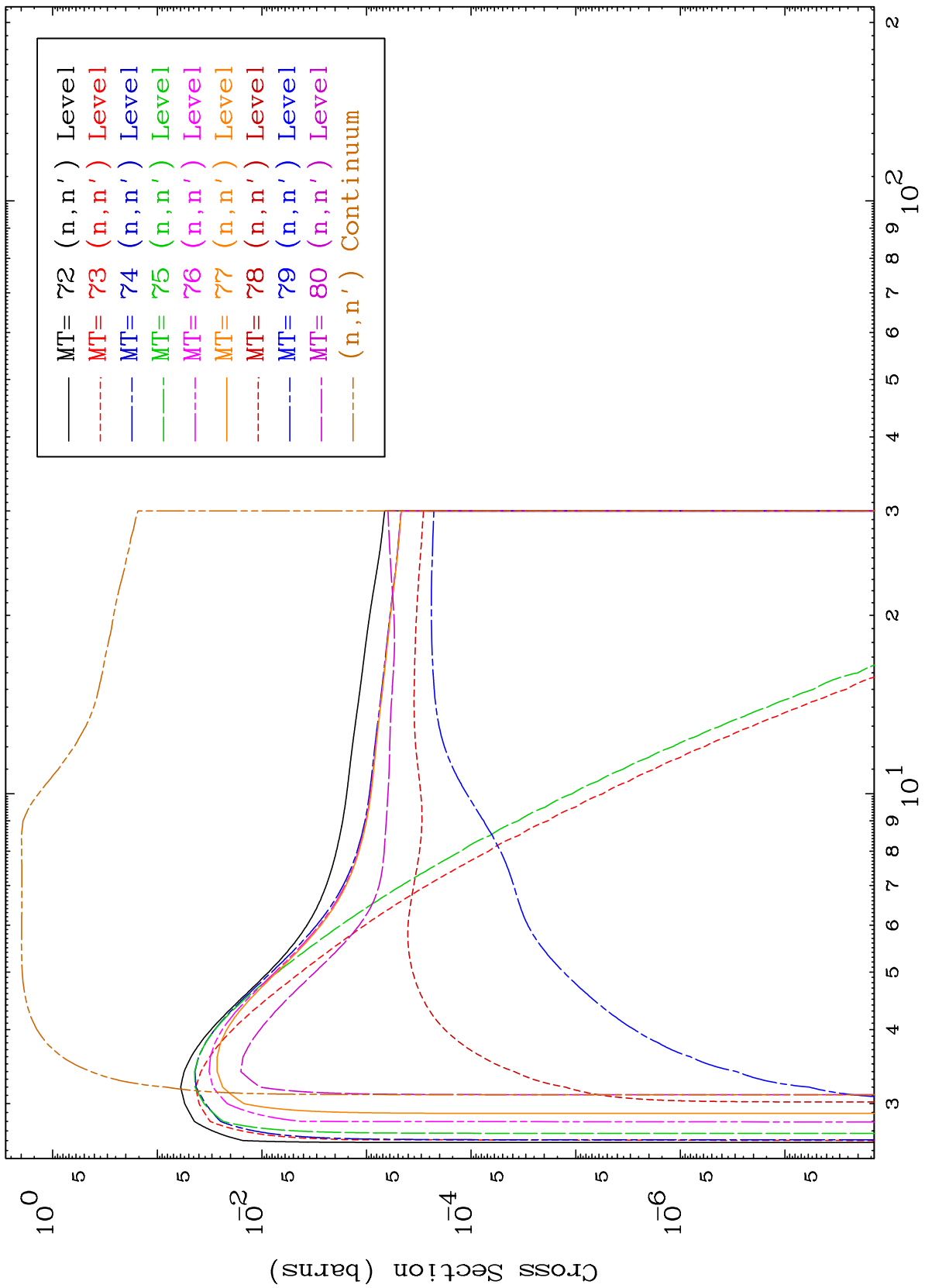


8

Incident Energy (MeV)

54-Xe-134

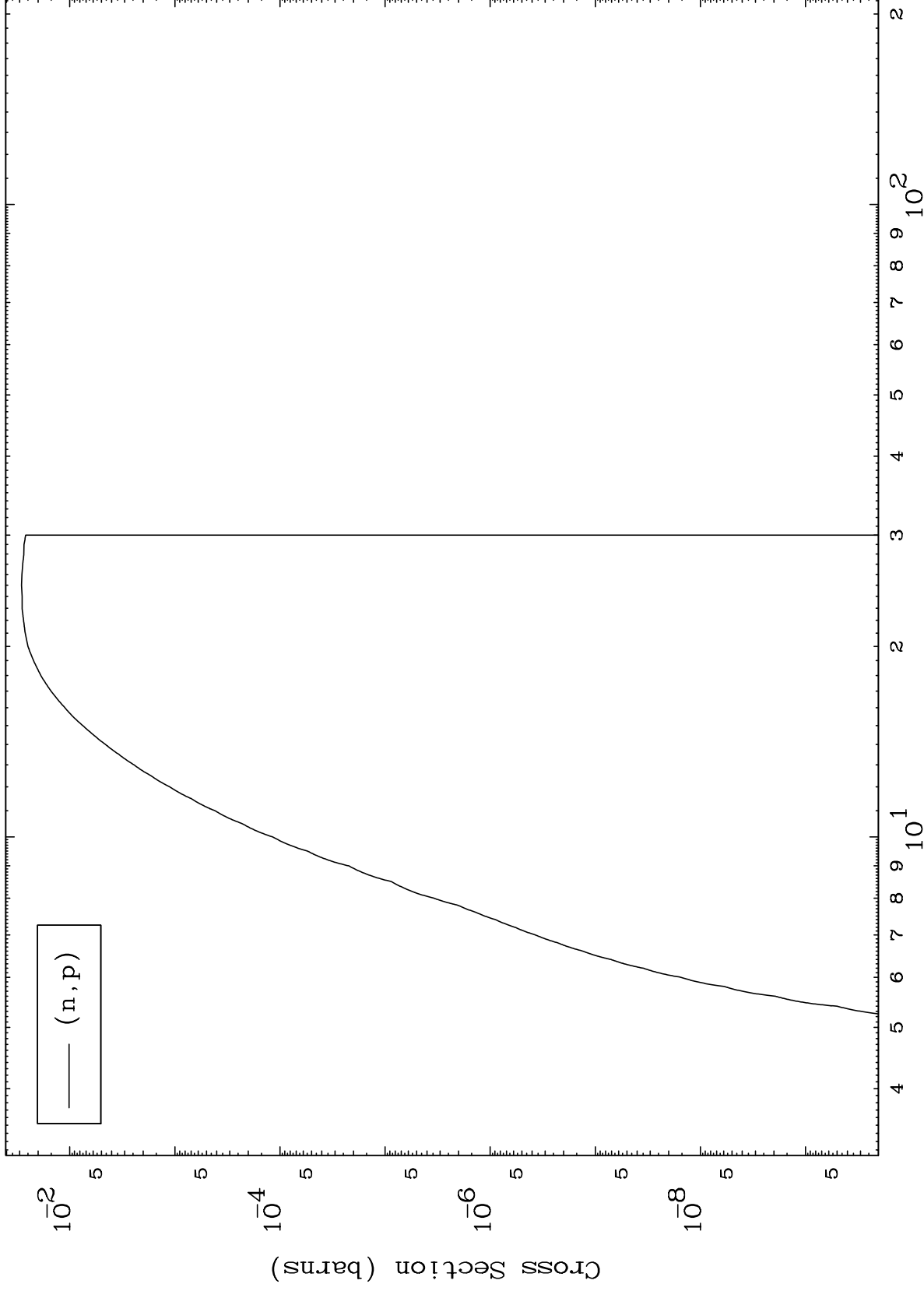
293 Kelvin Cross Sections



MAT 5455

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-134



10

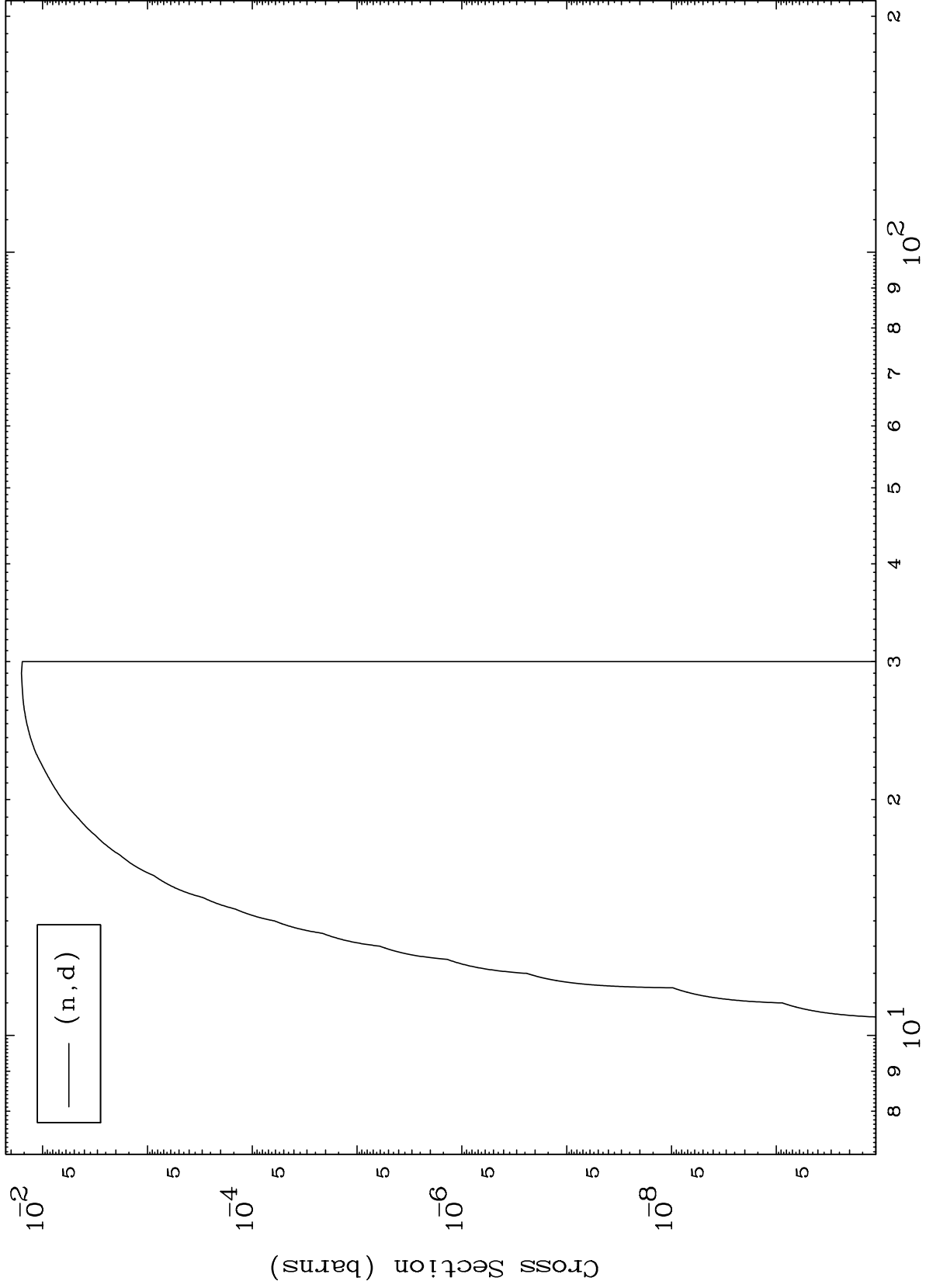
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-134



11

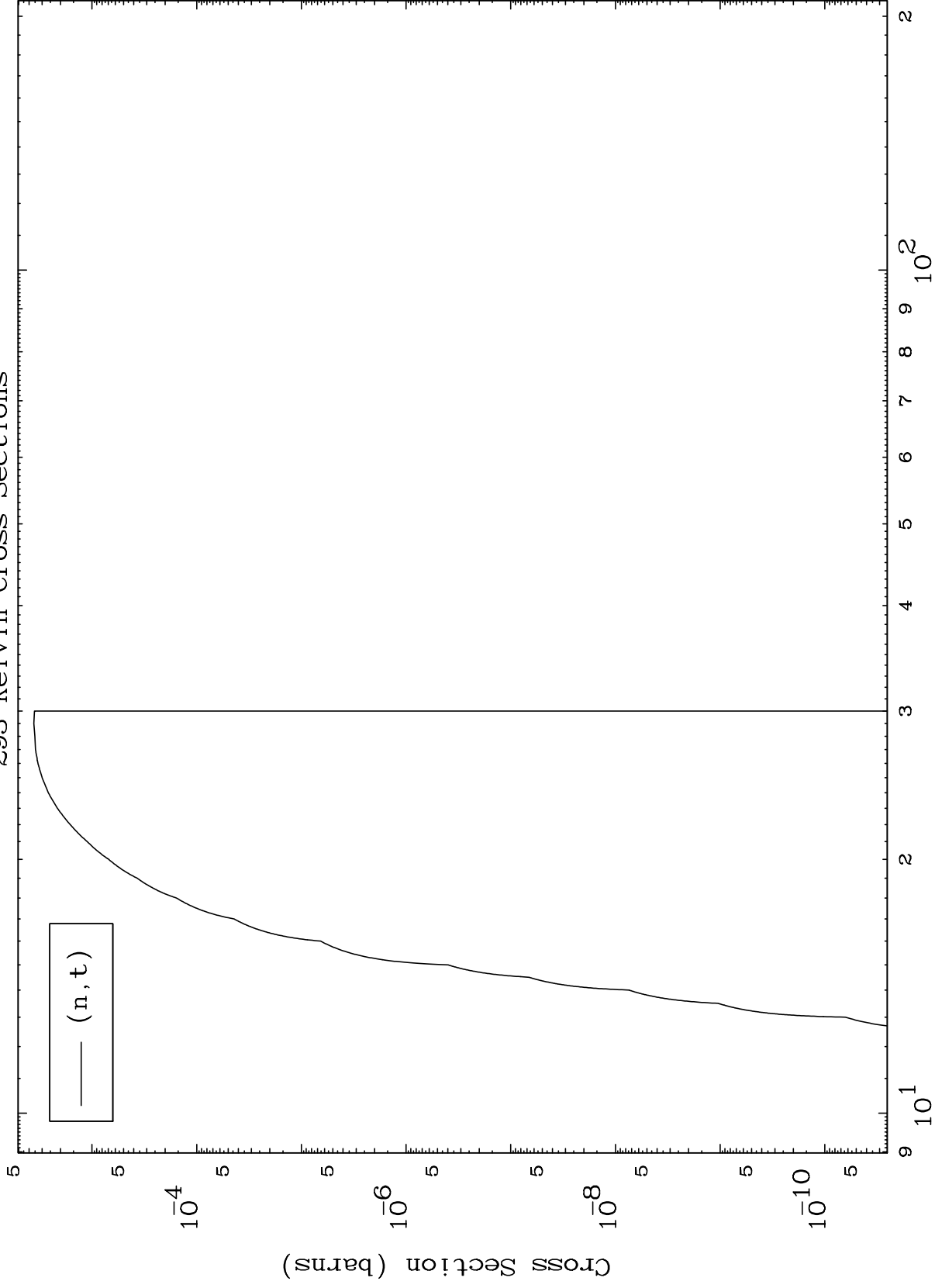
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-134



12

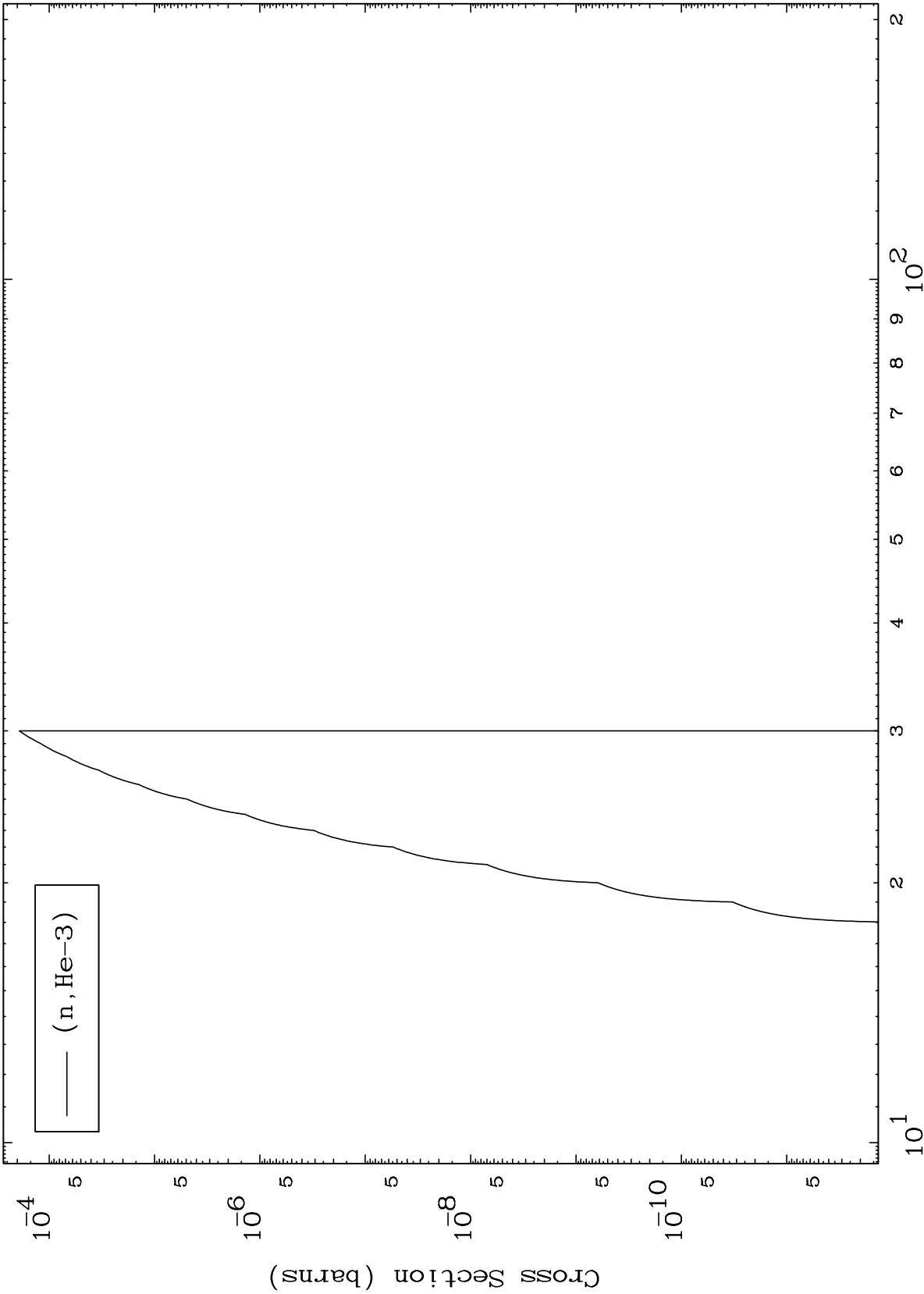
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-134



13

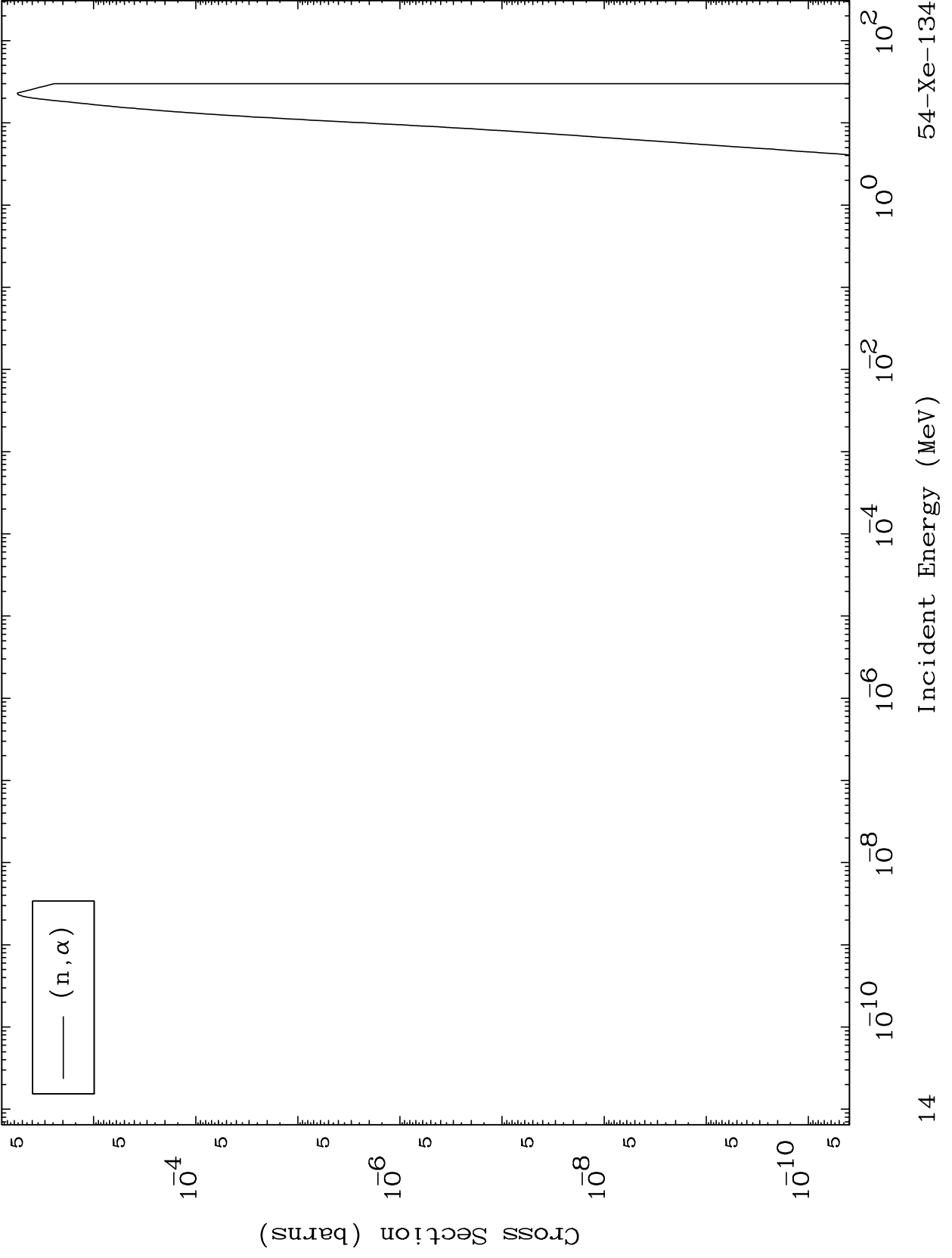
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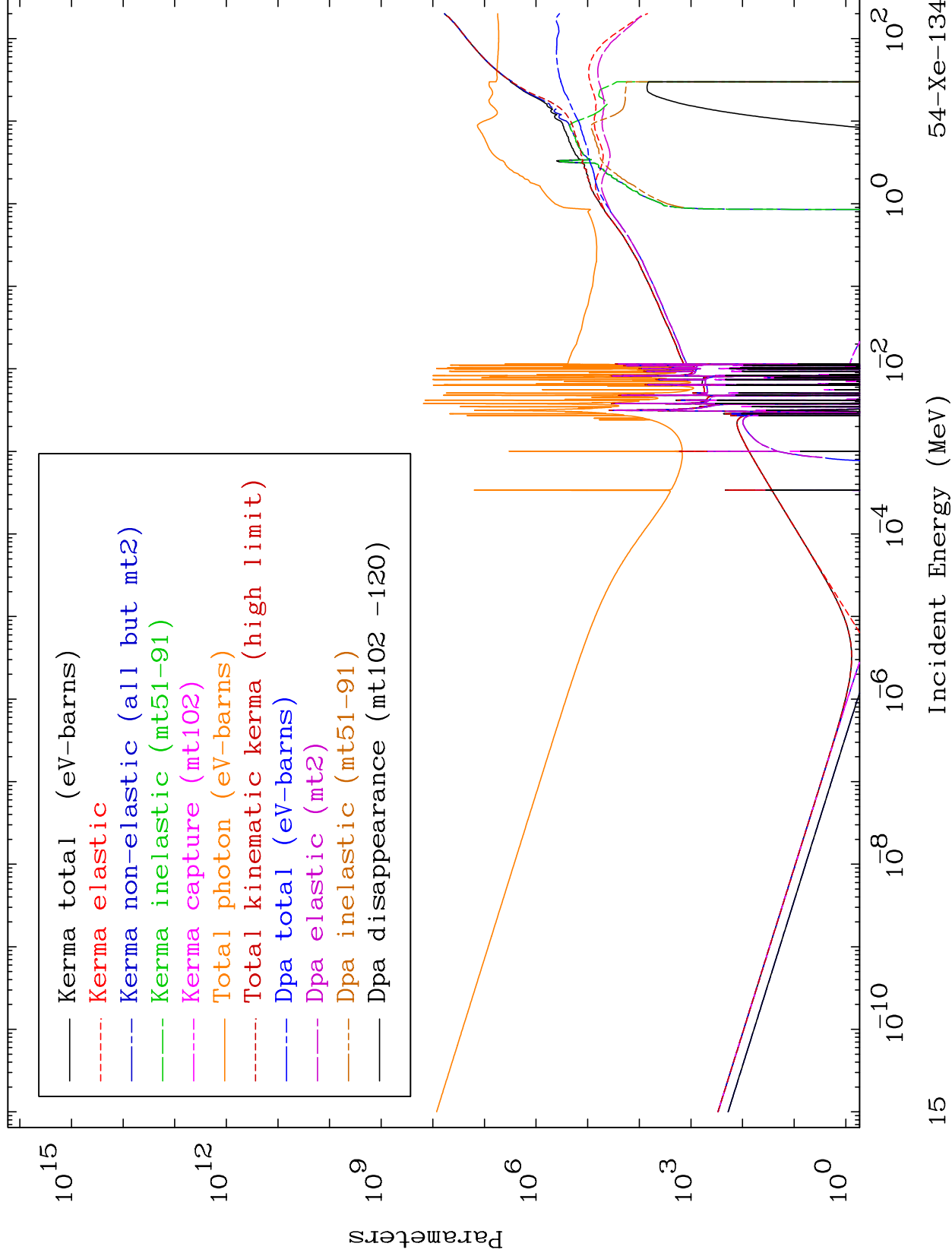
54-Xe-134

MAT 5455

(n, α) Levels
293 Kelvin Cross Sections

54-Xe-134

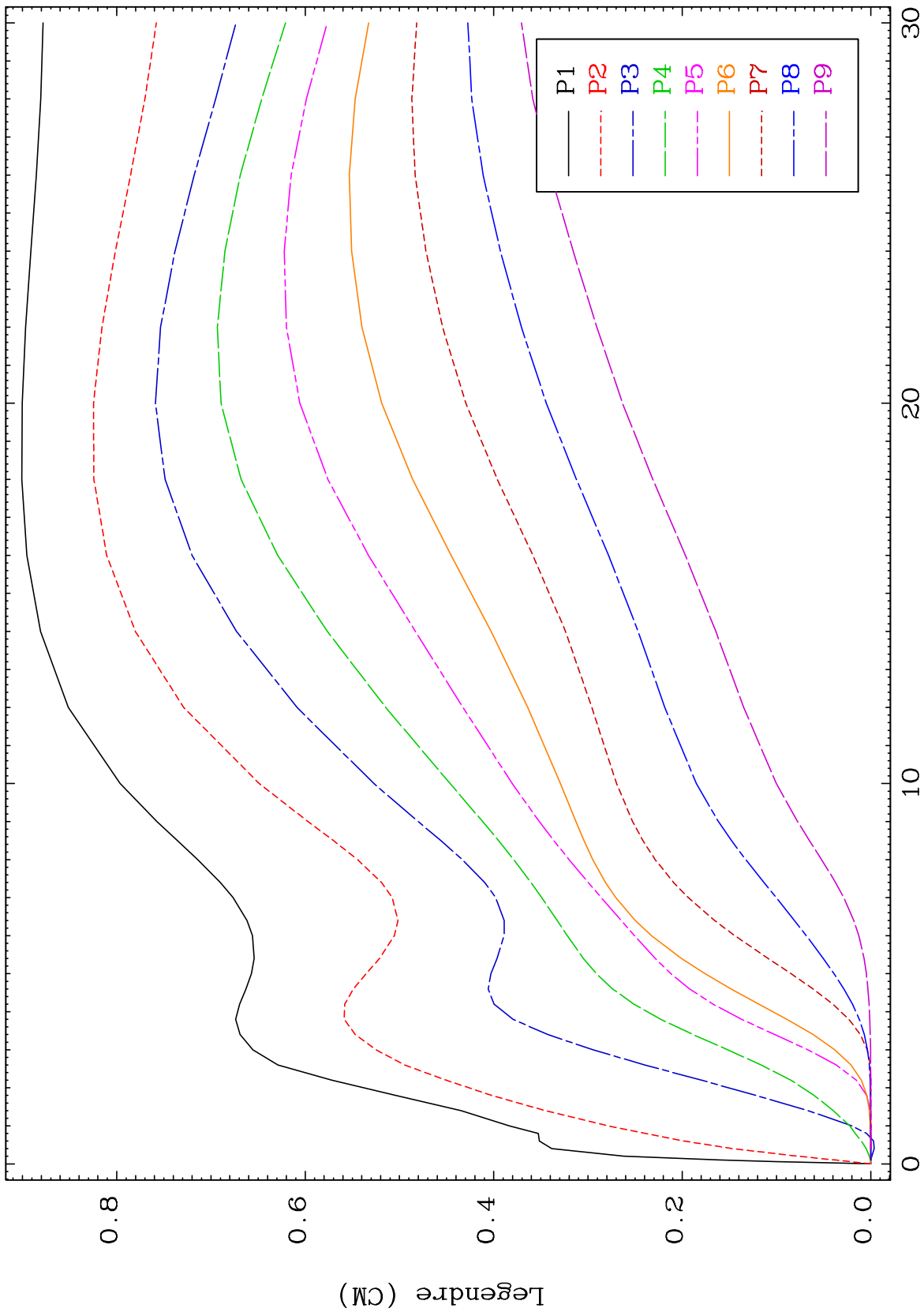




MAT 5455

54-Xe-134

Elastic Legendre Coefficients



16

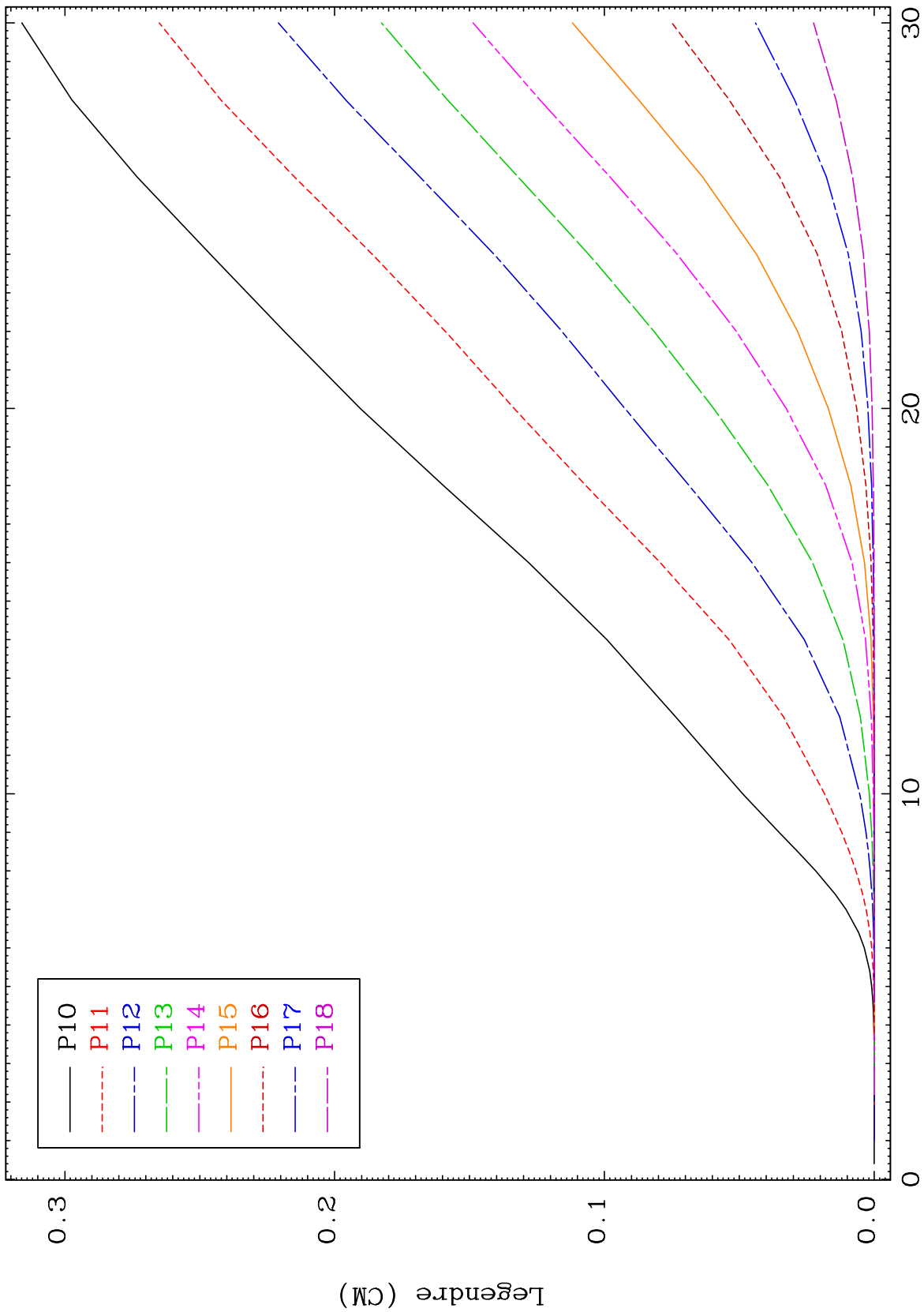
Incident Energy (MeV)

54-Xe-134

MAT 5455

Elastic Legendre Coefficients

54-Xe-134



17

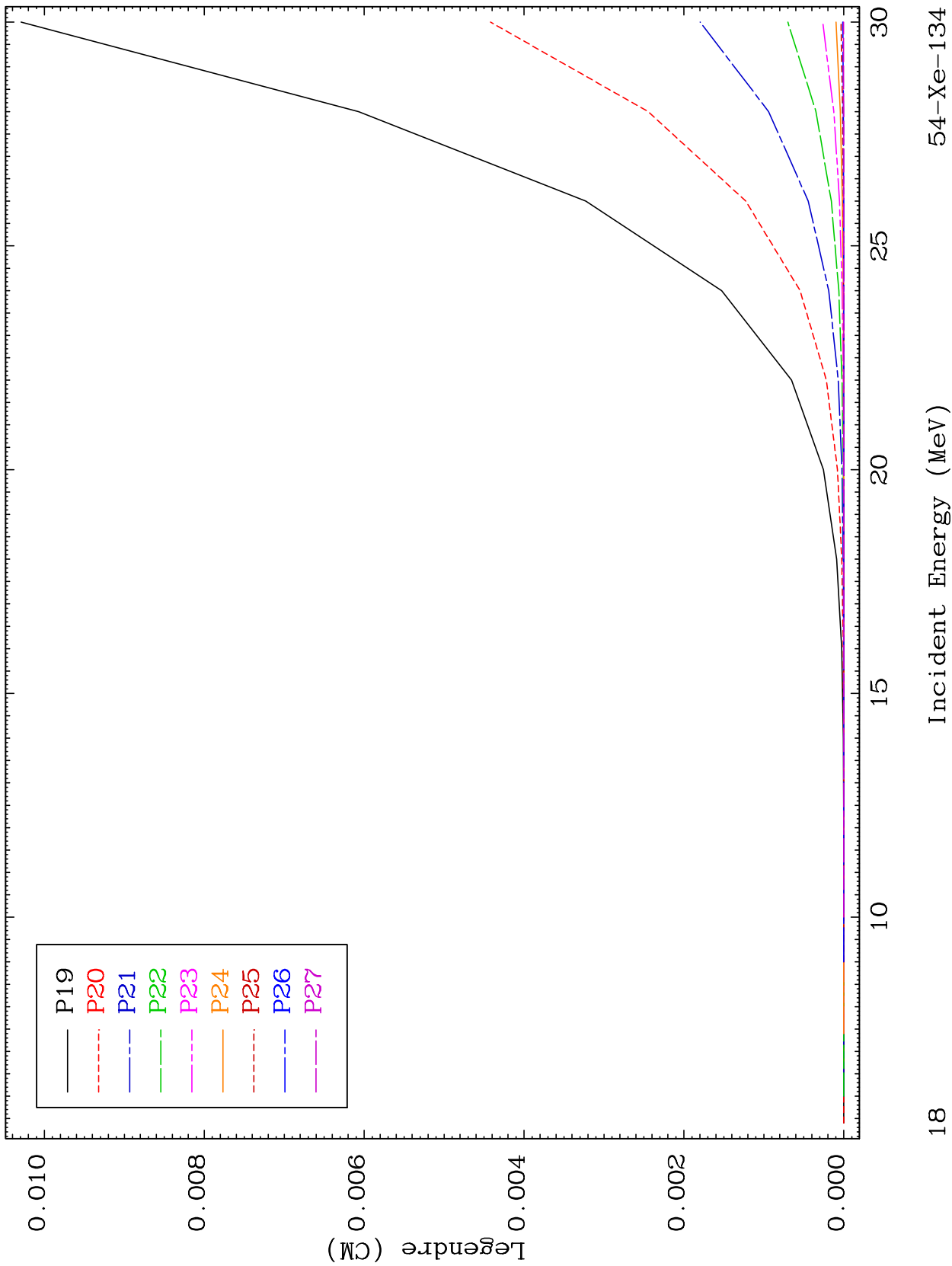
Incident Energy (MeV)

54-Xe-134

MAT 5455

Elastic Legendre Coefficients

54-Xe-134



18

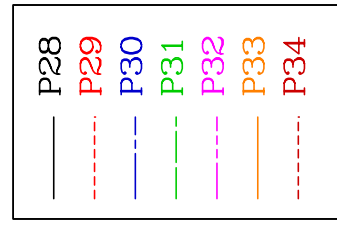
Incident Energy (MeV)

54-Xe-134

MAT 5455

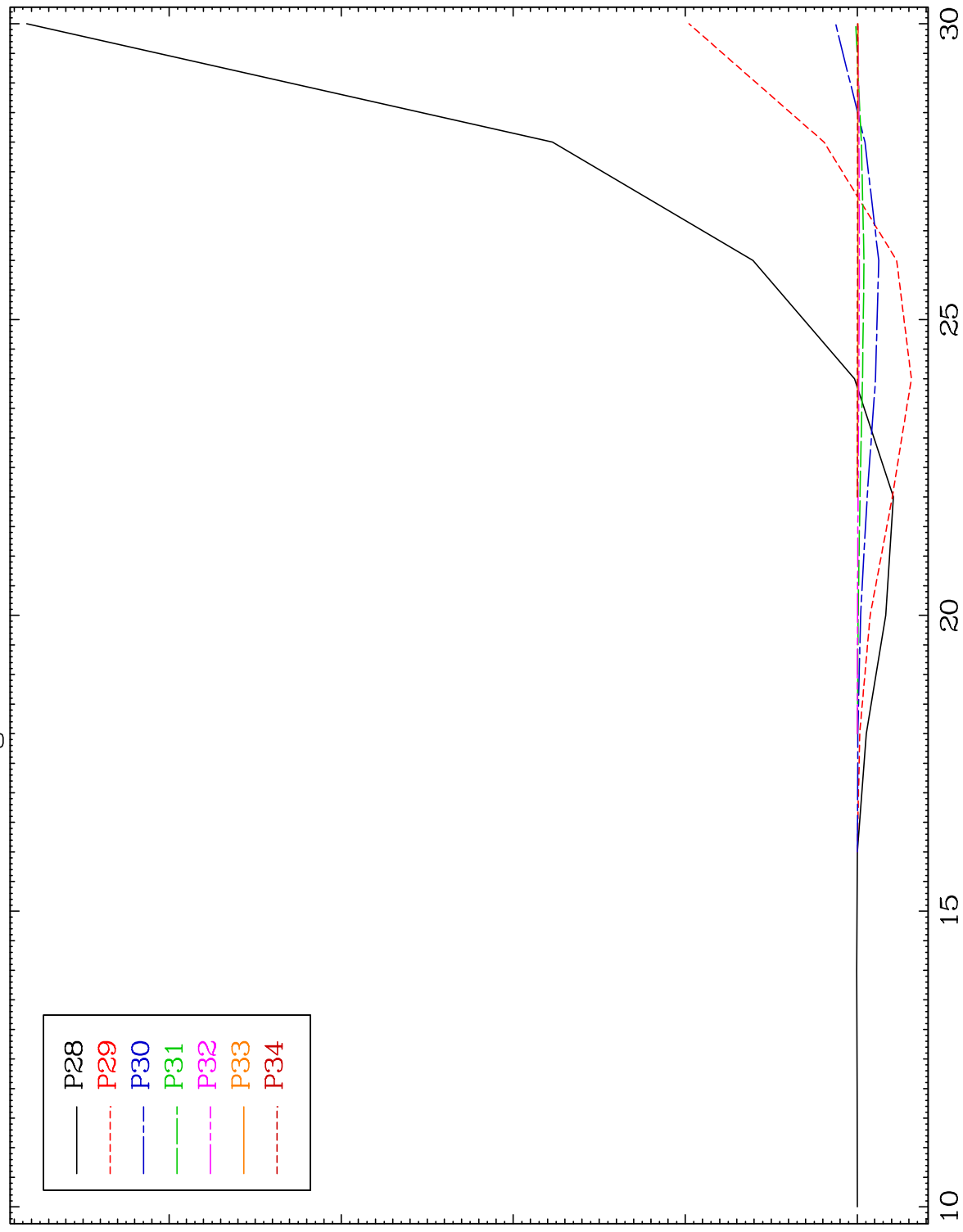
Elastic
Legendre Coefficients

54-Xe-134



$\times 10^{-7}$

Legendre (CM)



10

15

20

25

30

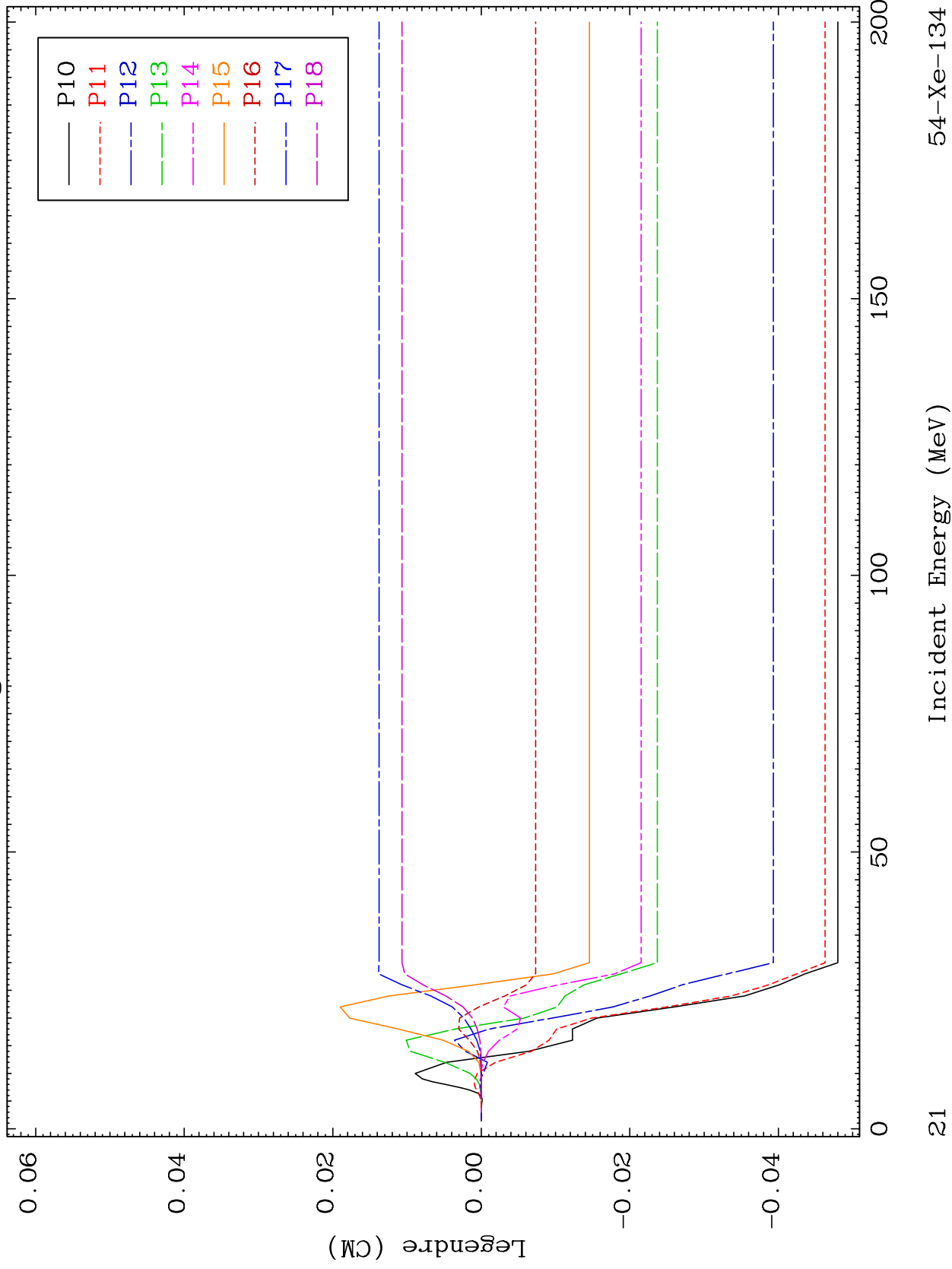
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



21

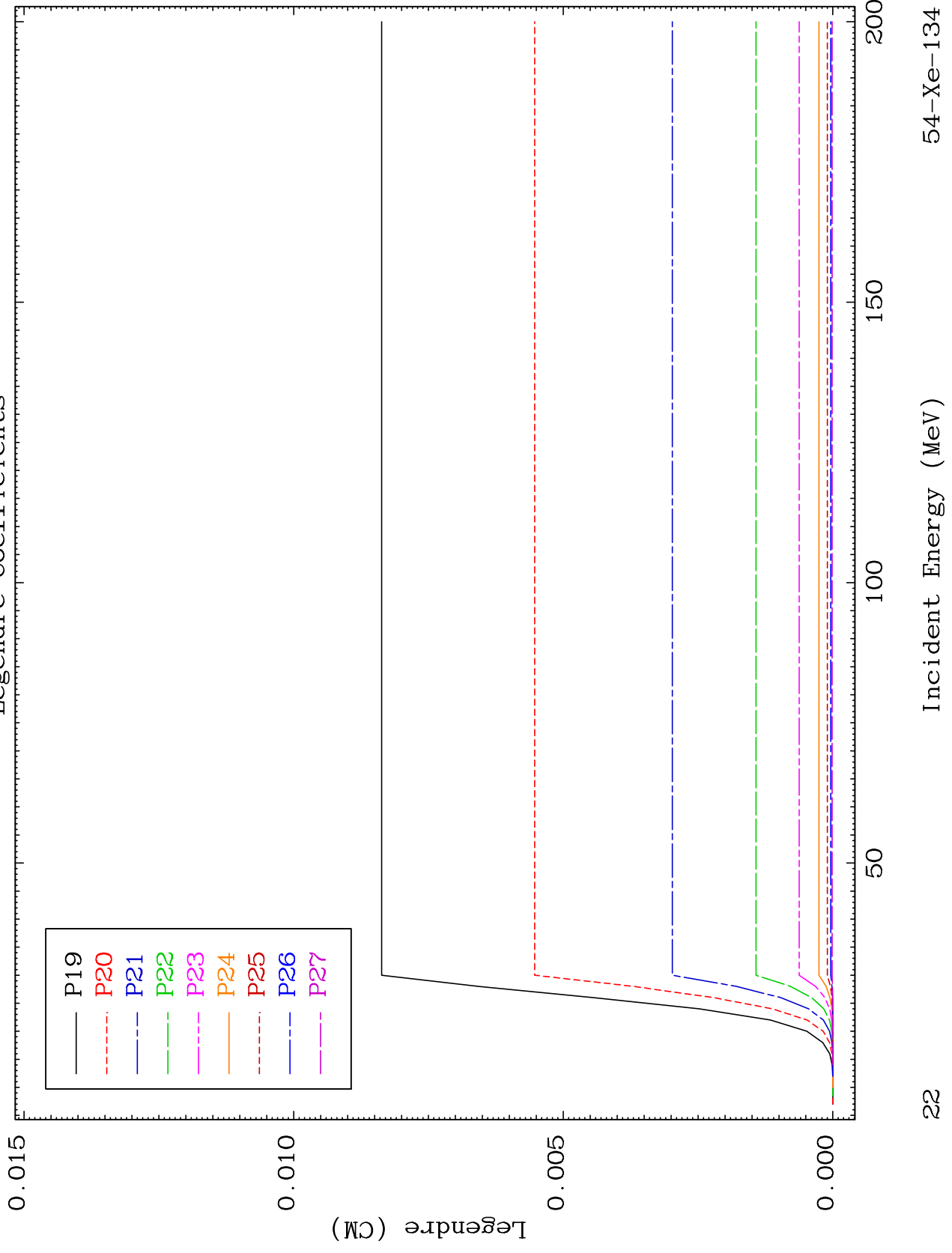
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

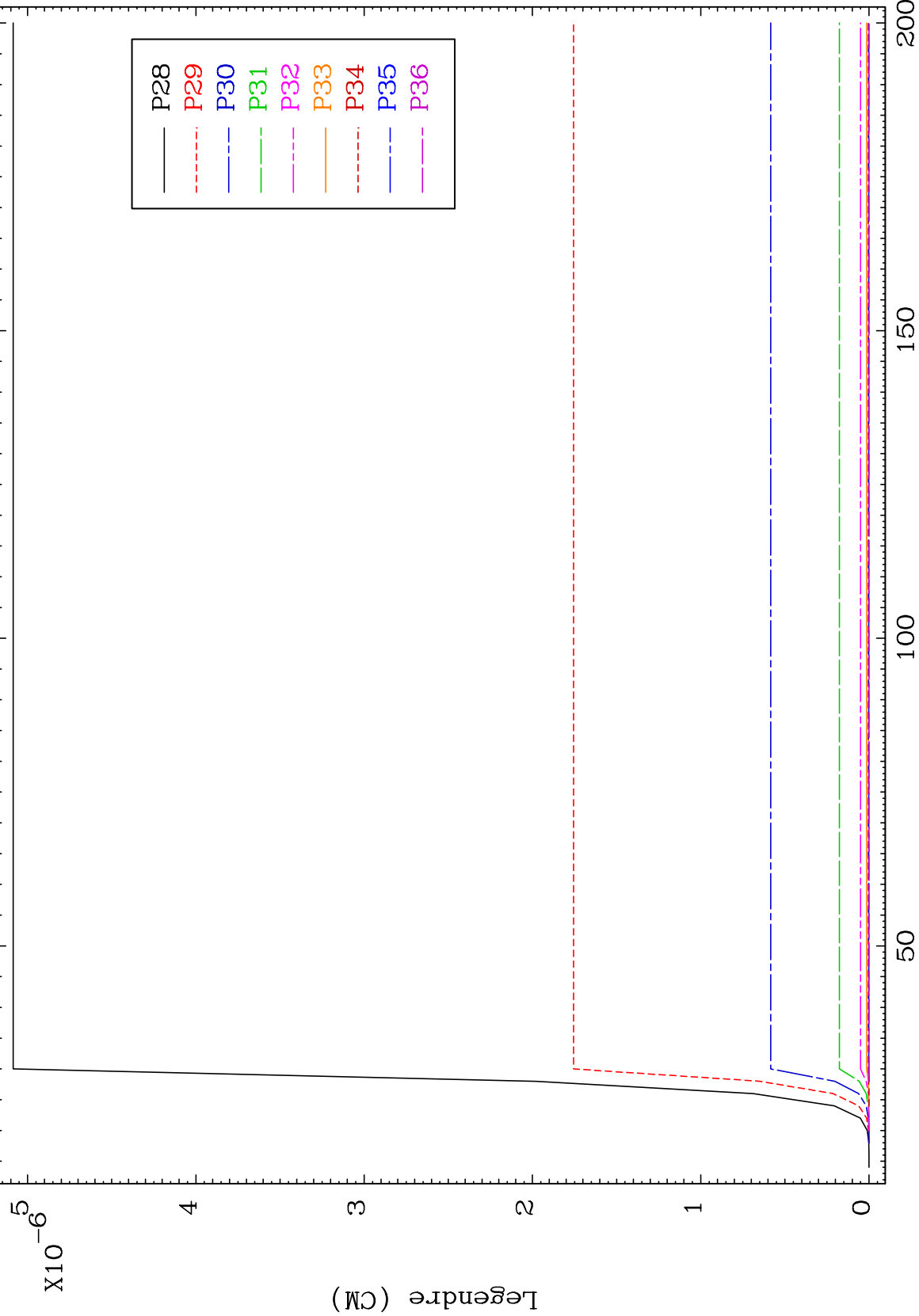
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MAT 5455

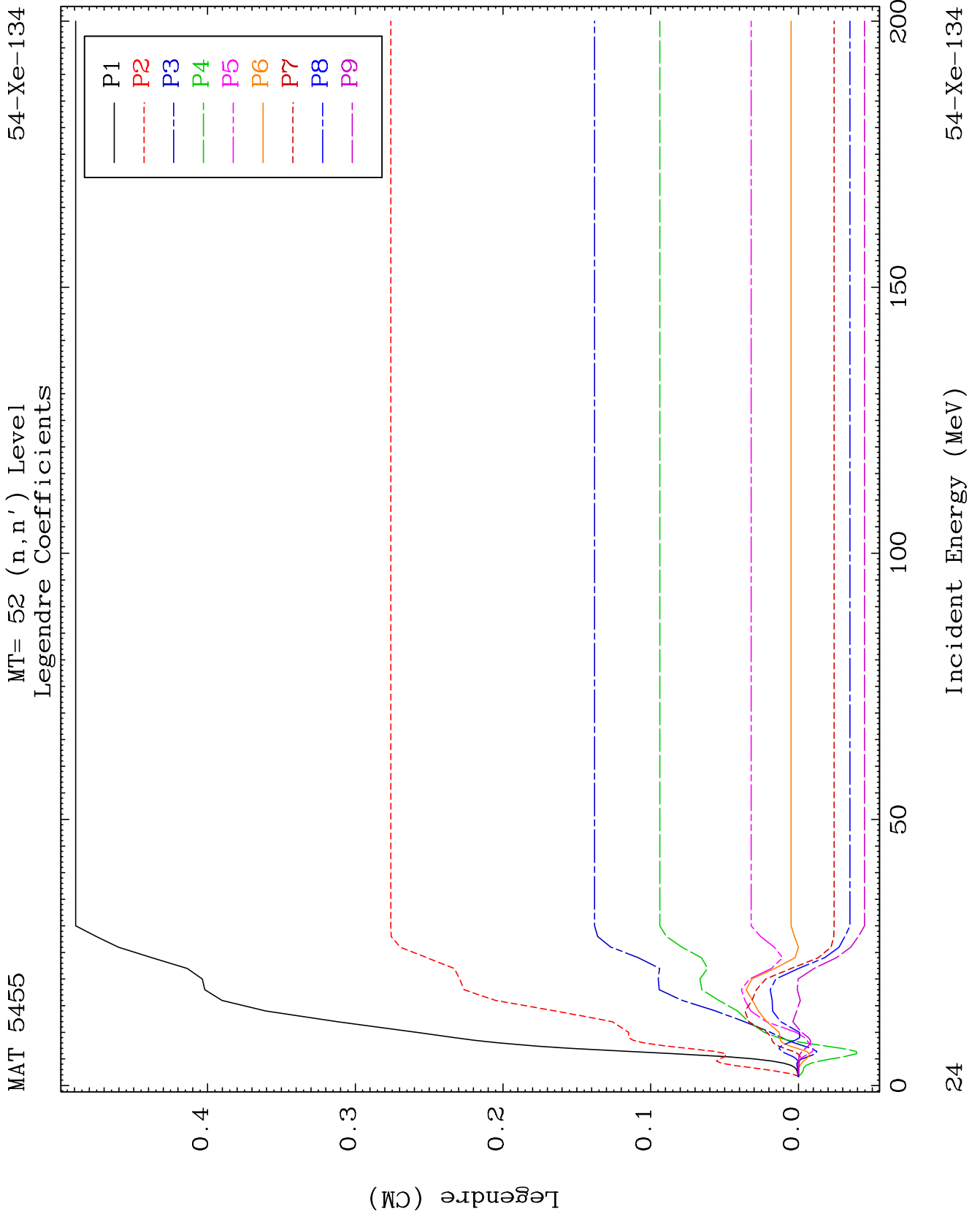
MT= 51 (n,n') Level
Legendre Coefficients

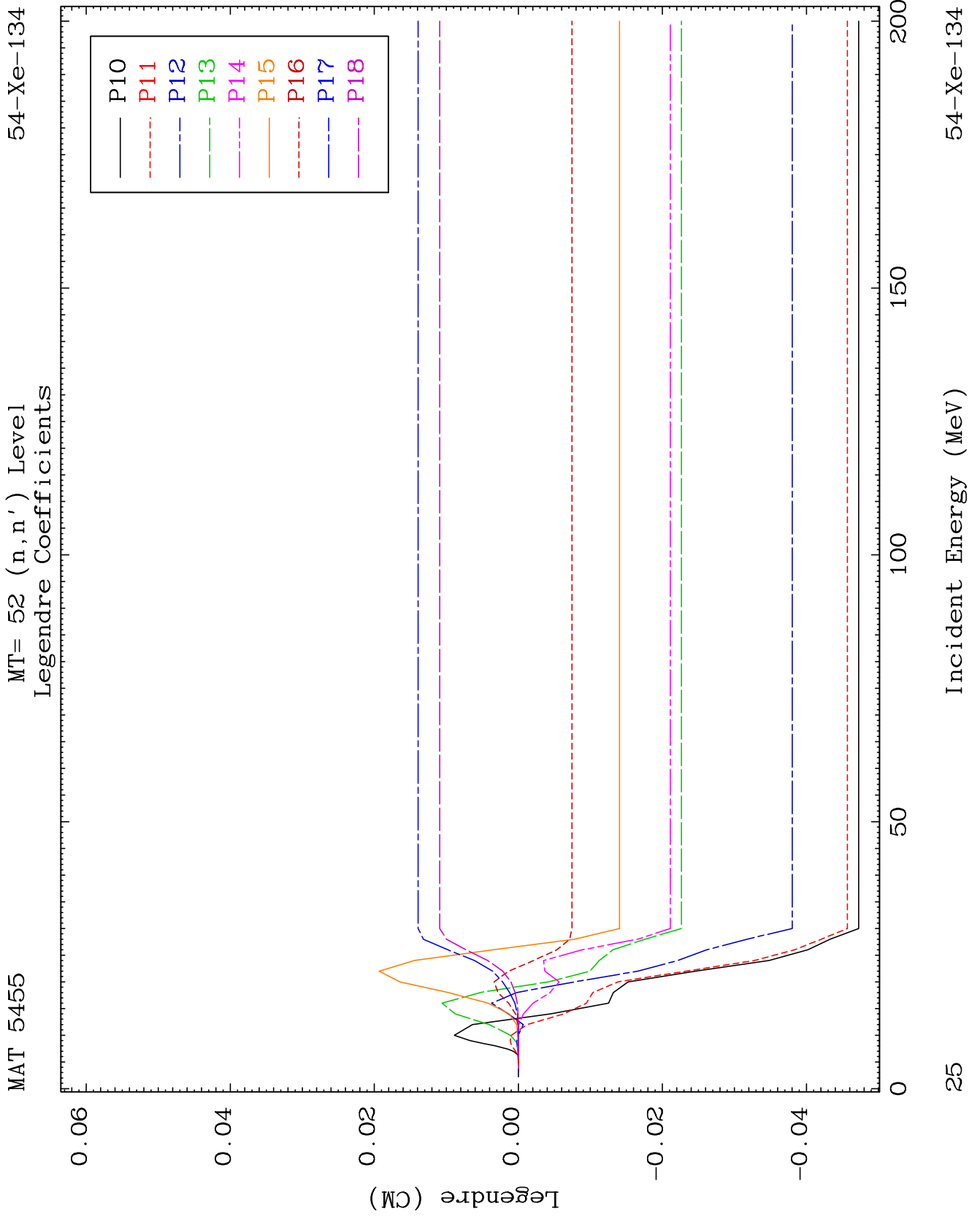
54-Xe-134



23

54-Xe-134

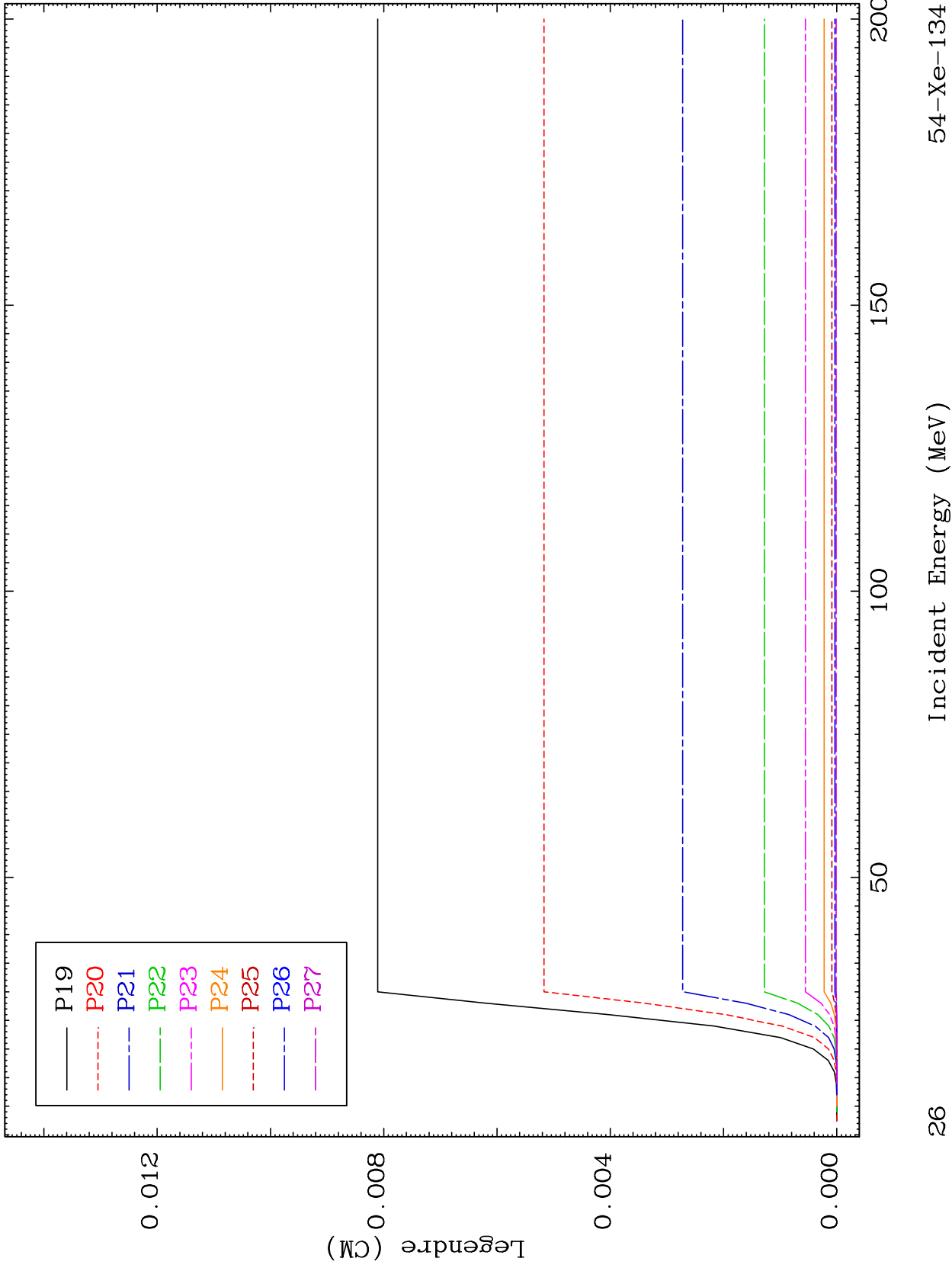




MAT 5455

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

54-Xe-134



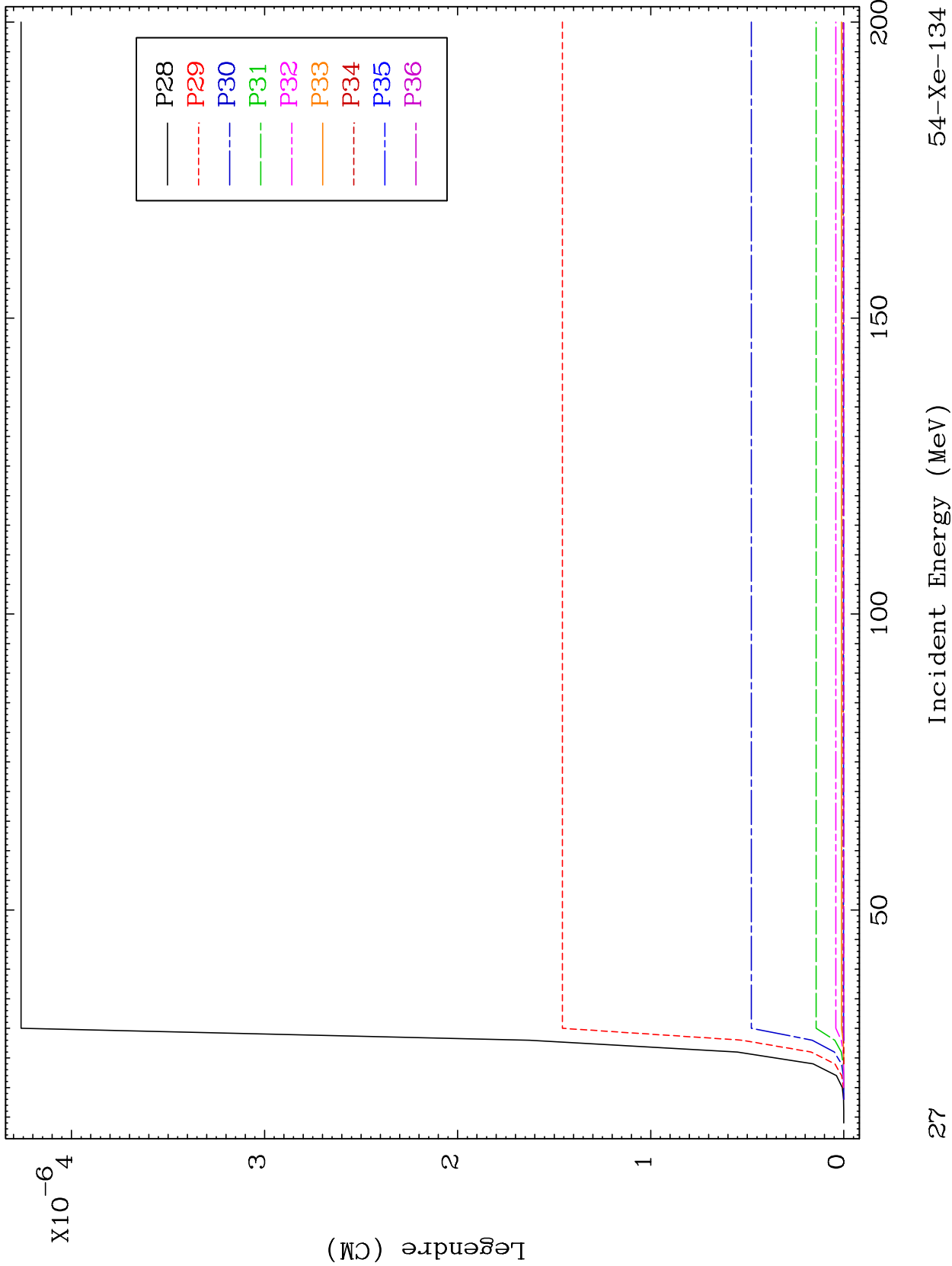
26

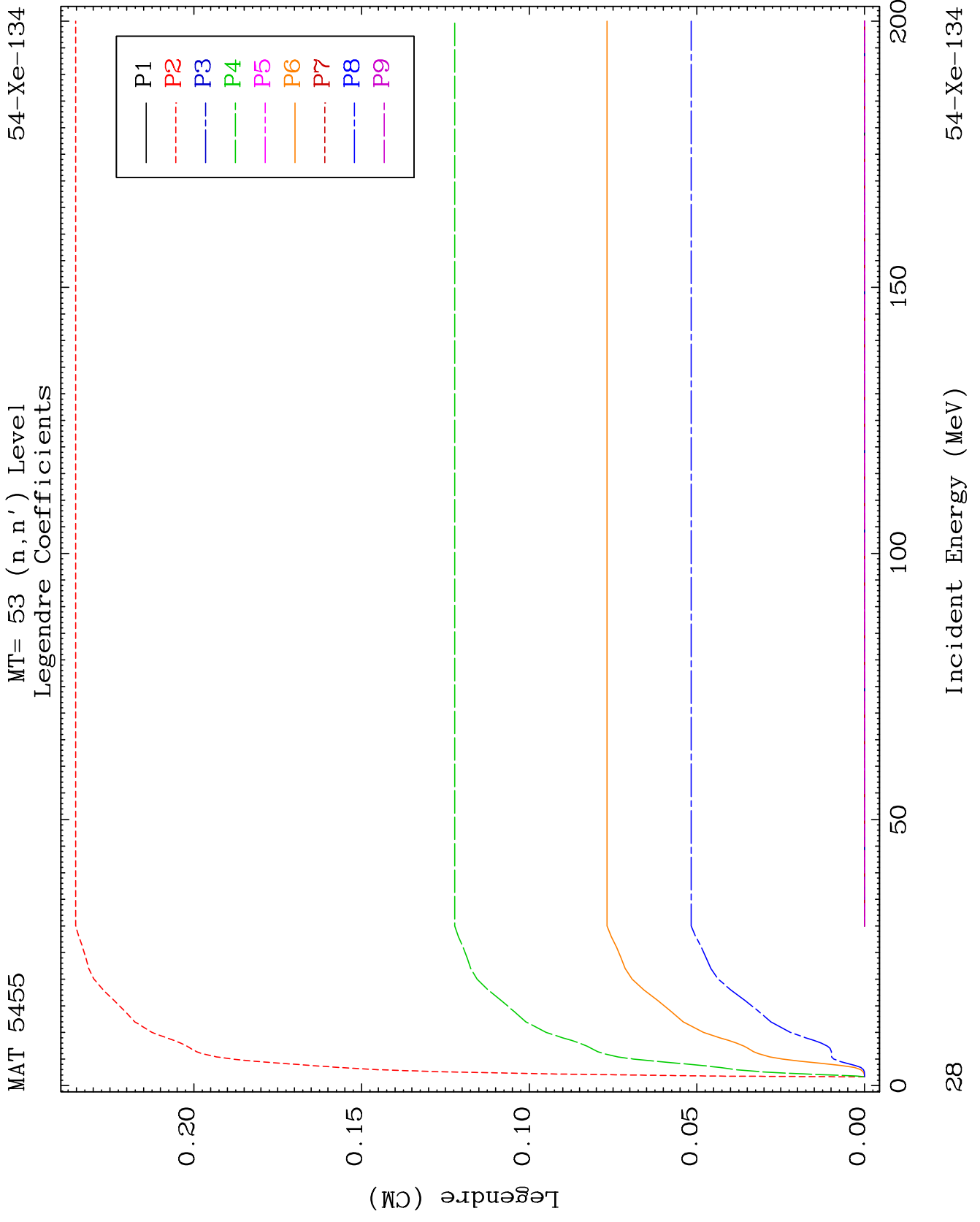
54-Xe-134

MAT 5455

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

54-Xe-134

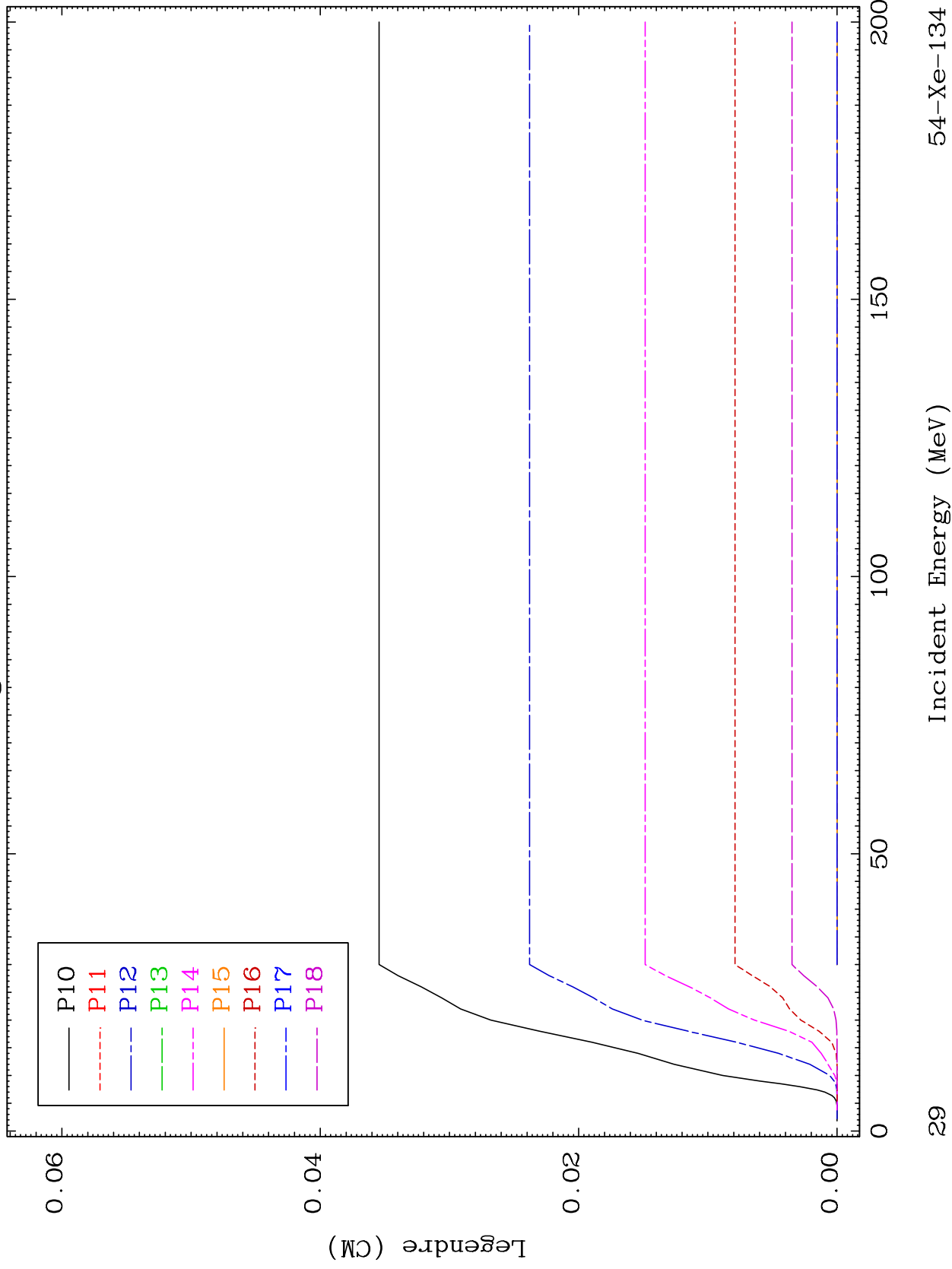




MAT 5455

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

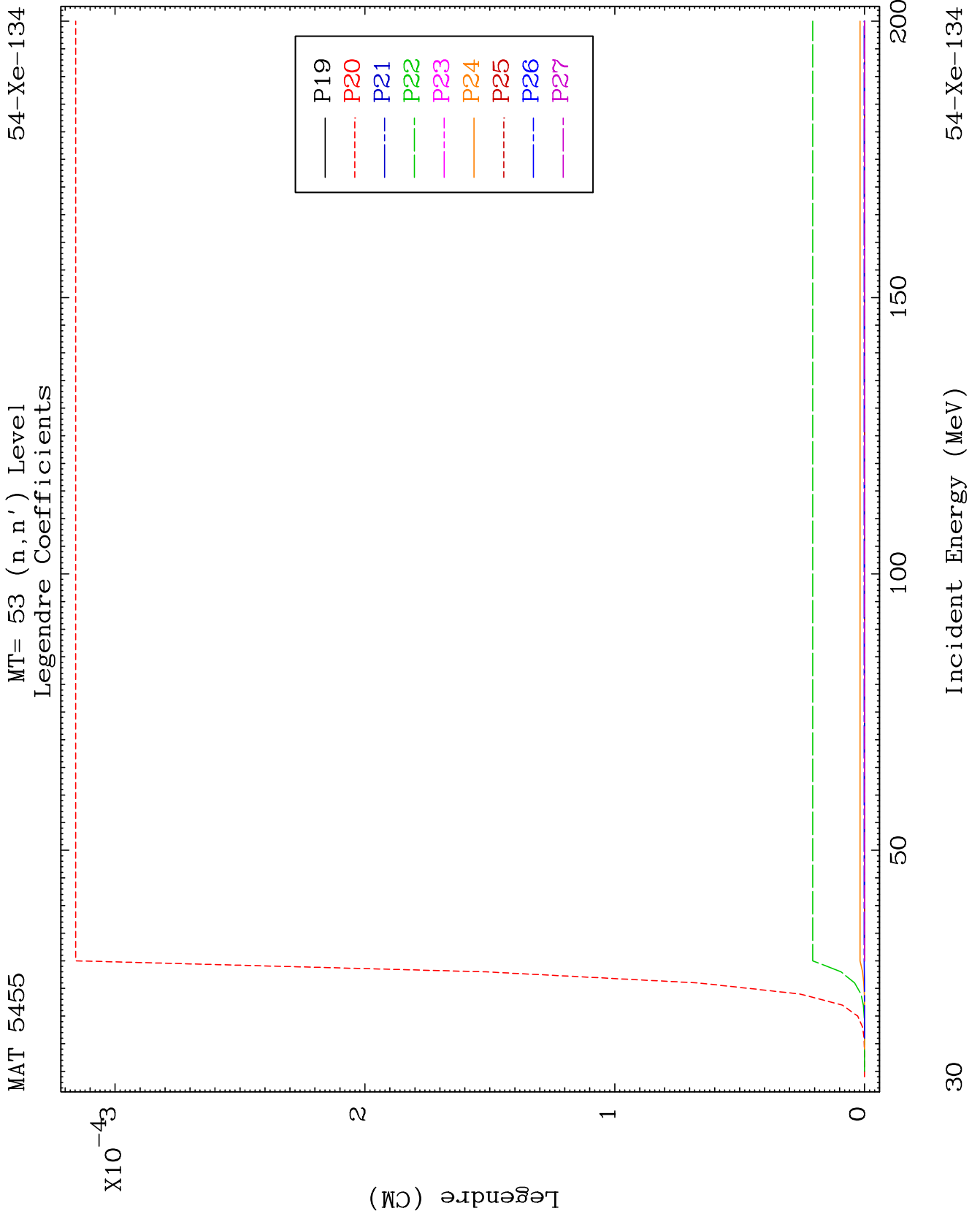
54-Xe-134



29

Incident Energy (MeV)

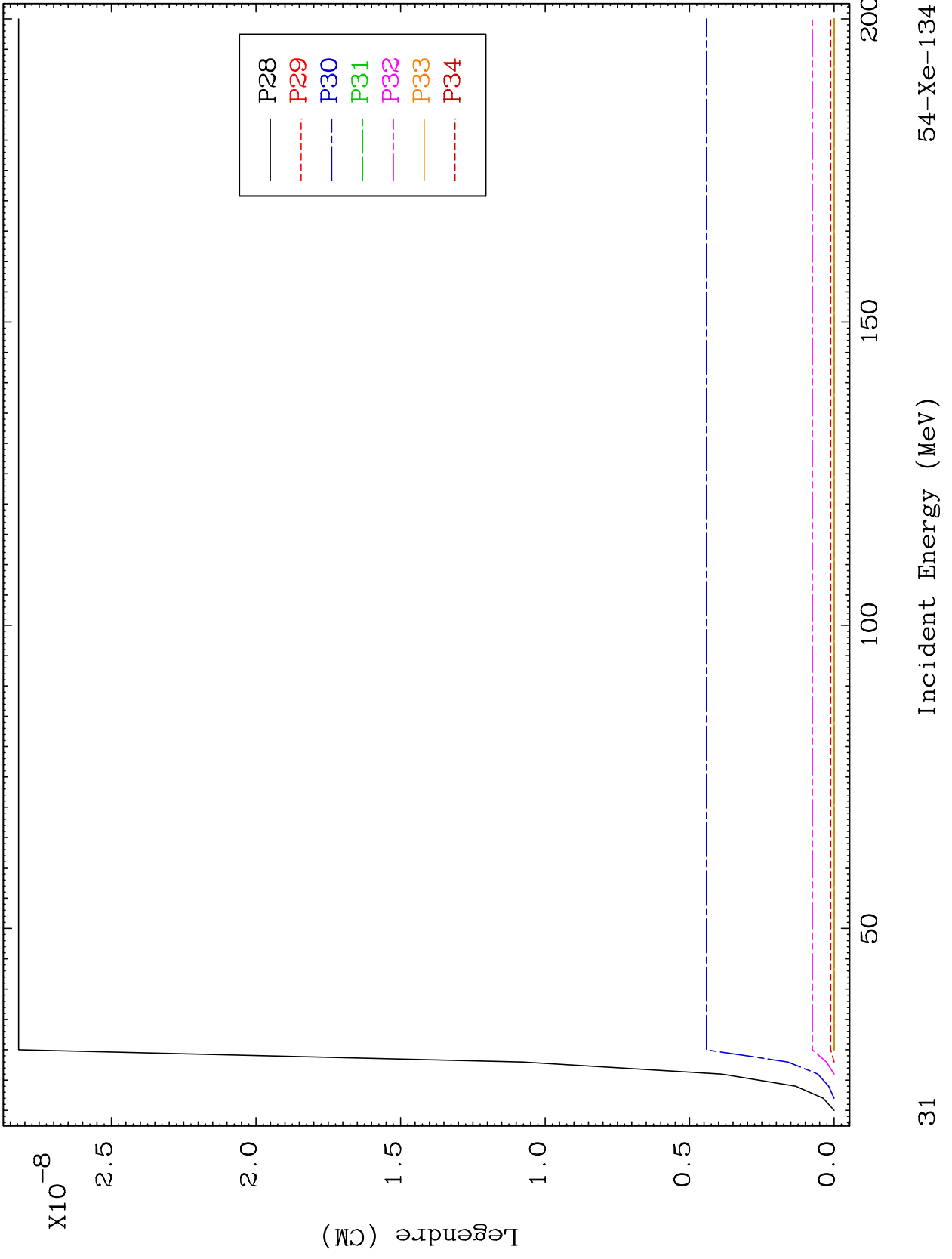
54-Xe-134



MAT 5455

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

54-Xe-134



31

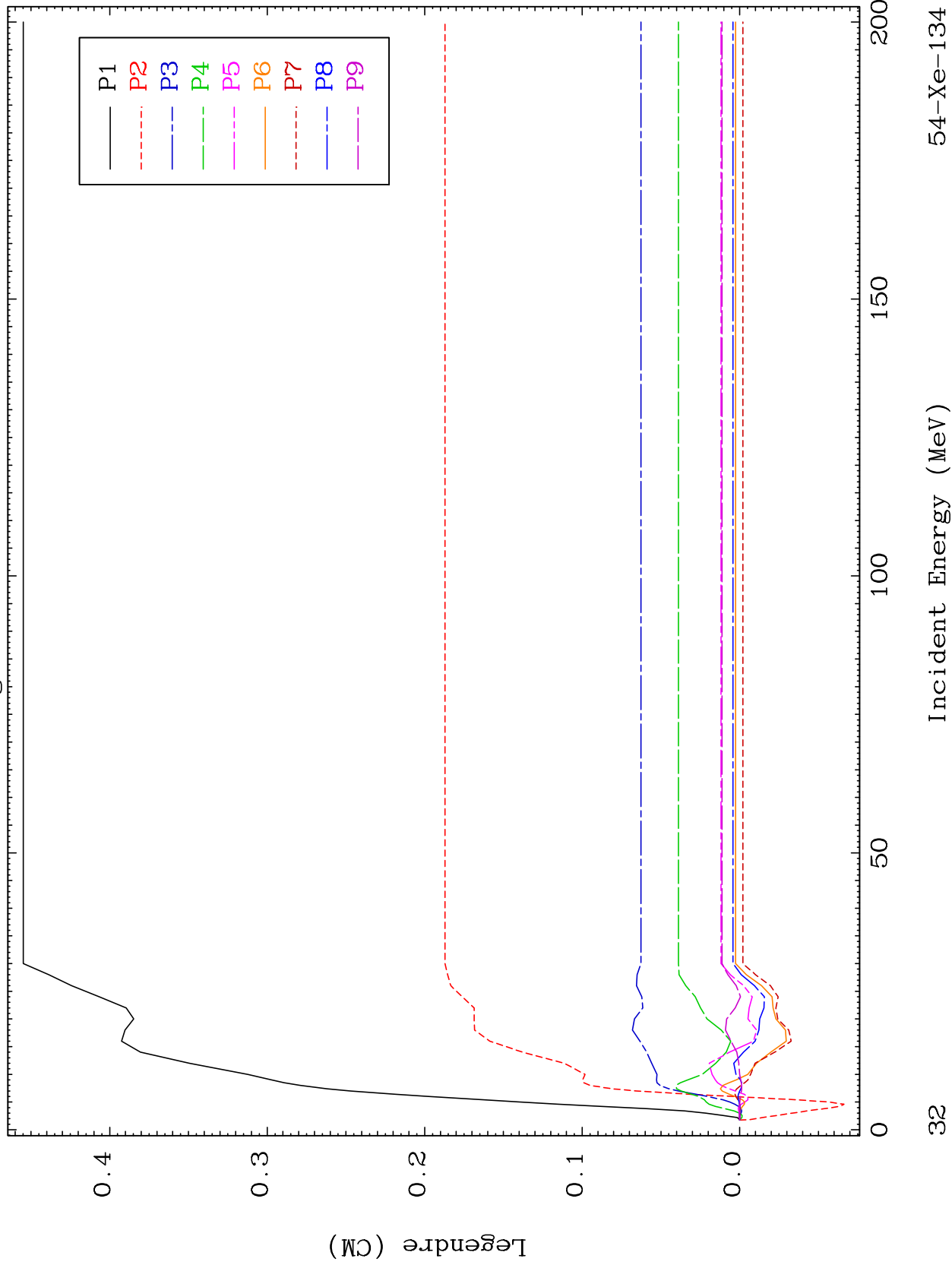
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



32

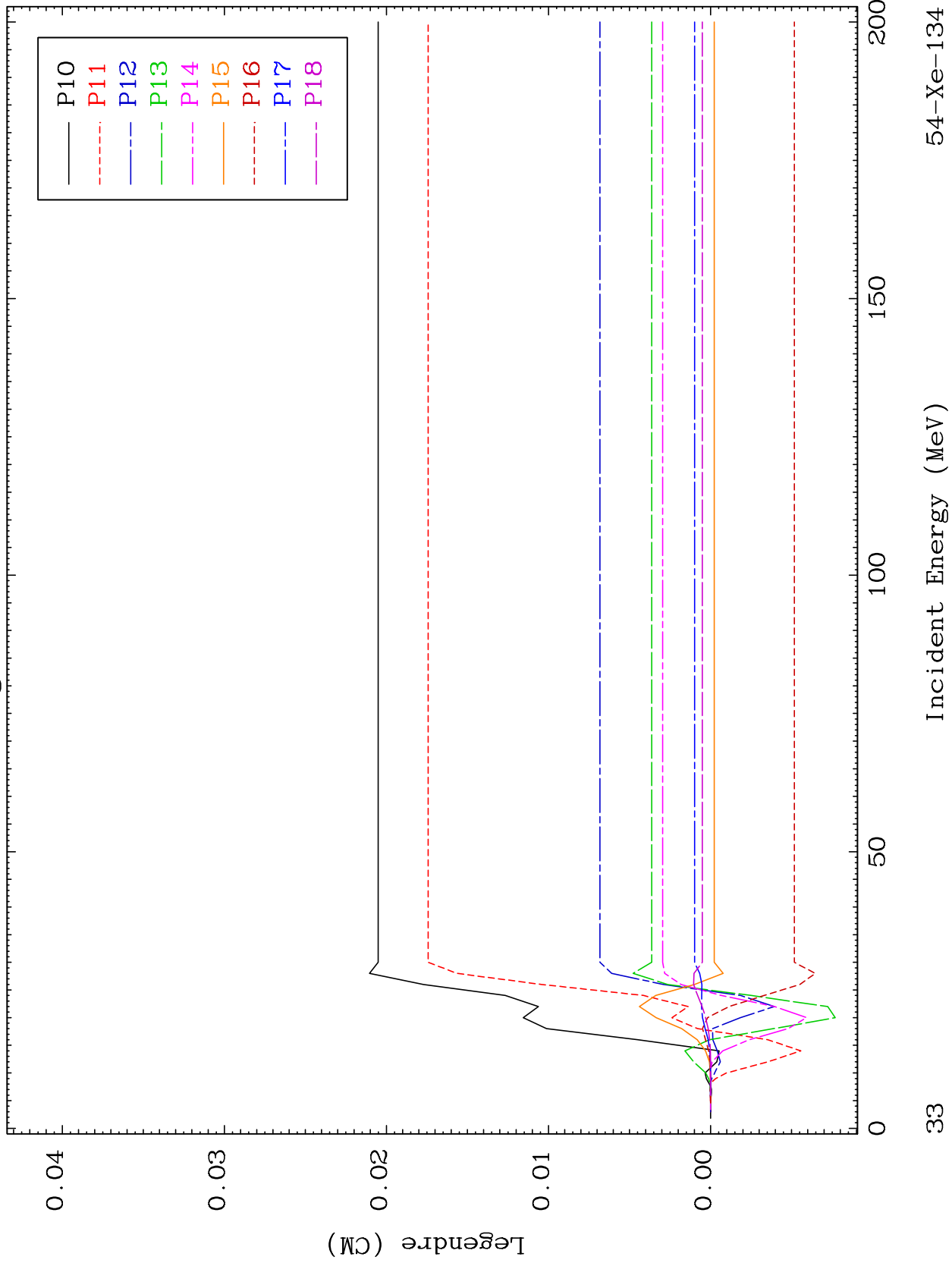
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



33

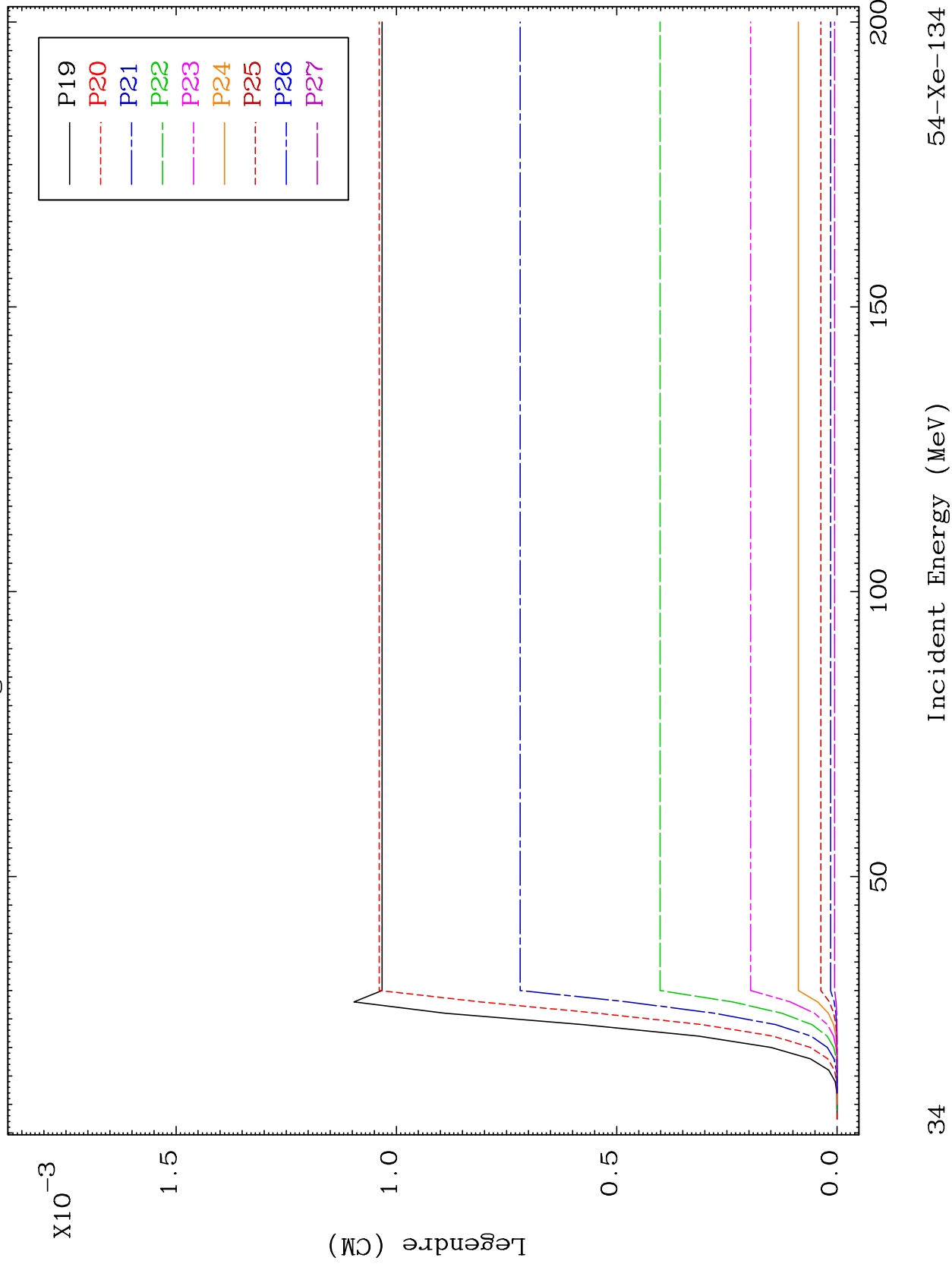
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



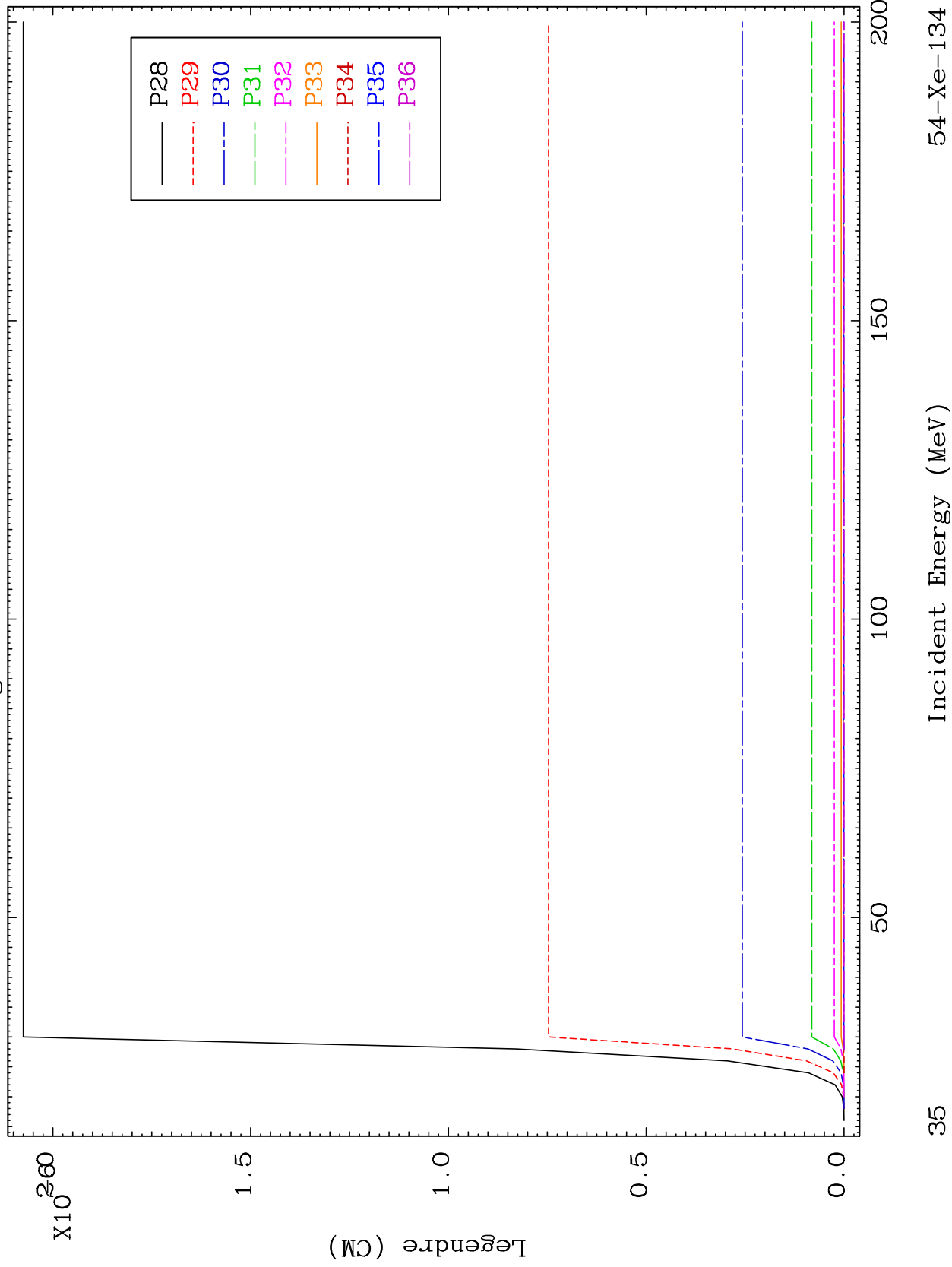
34

200

MAT 5455

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

54-Xe-134



35

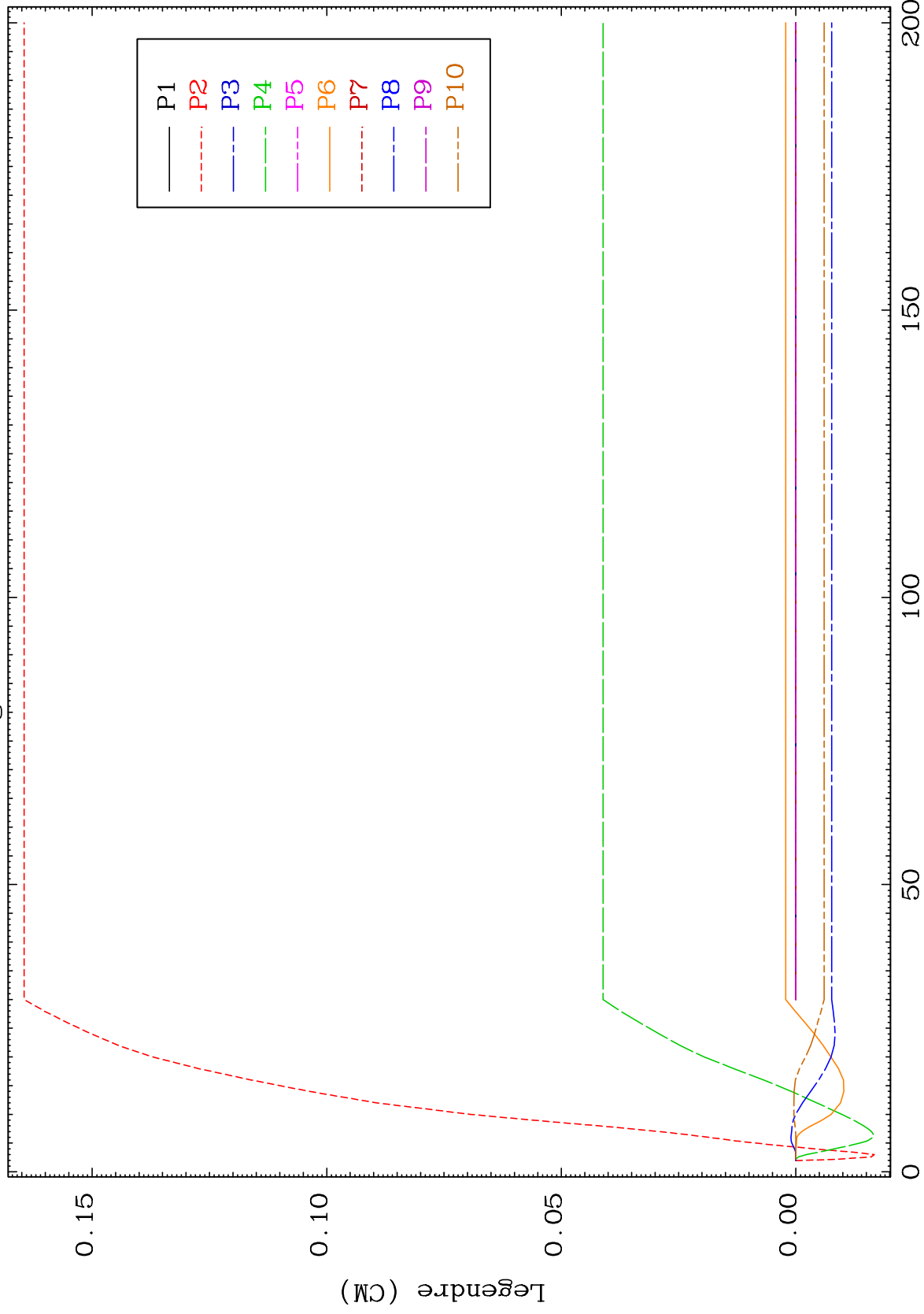
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



36

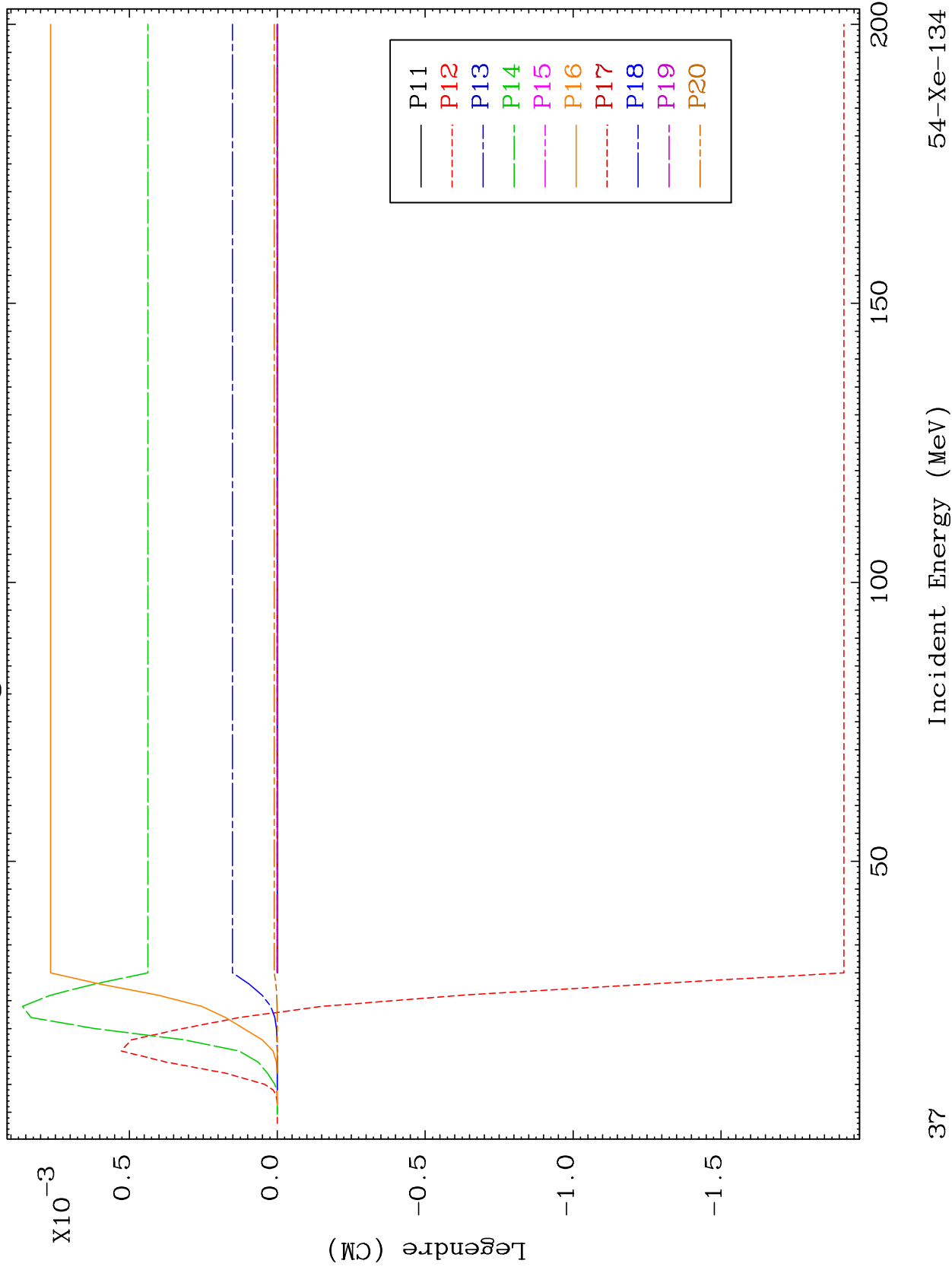
54-Xe-134

MAT 5455

MT= 55 (n,n') Level

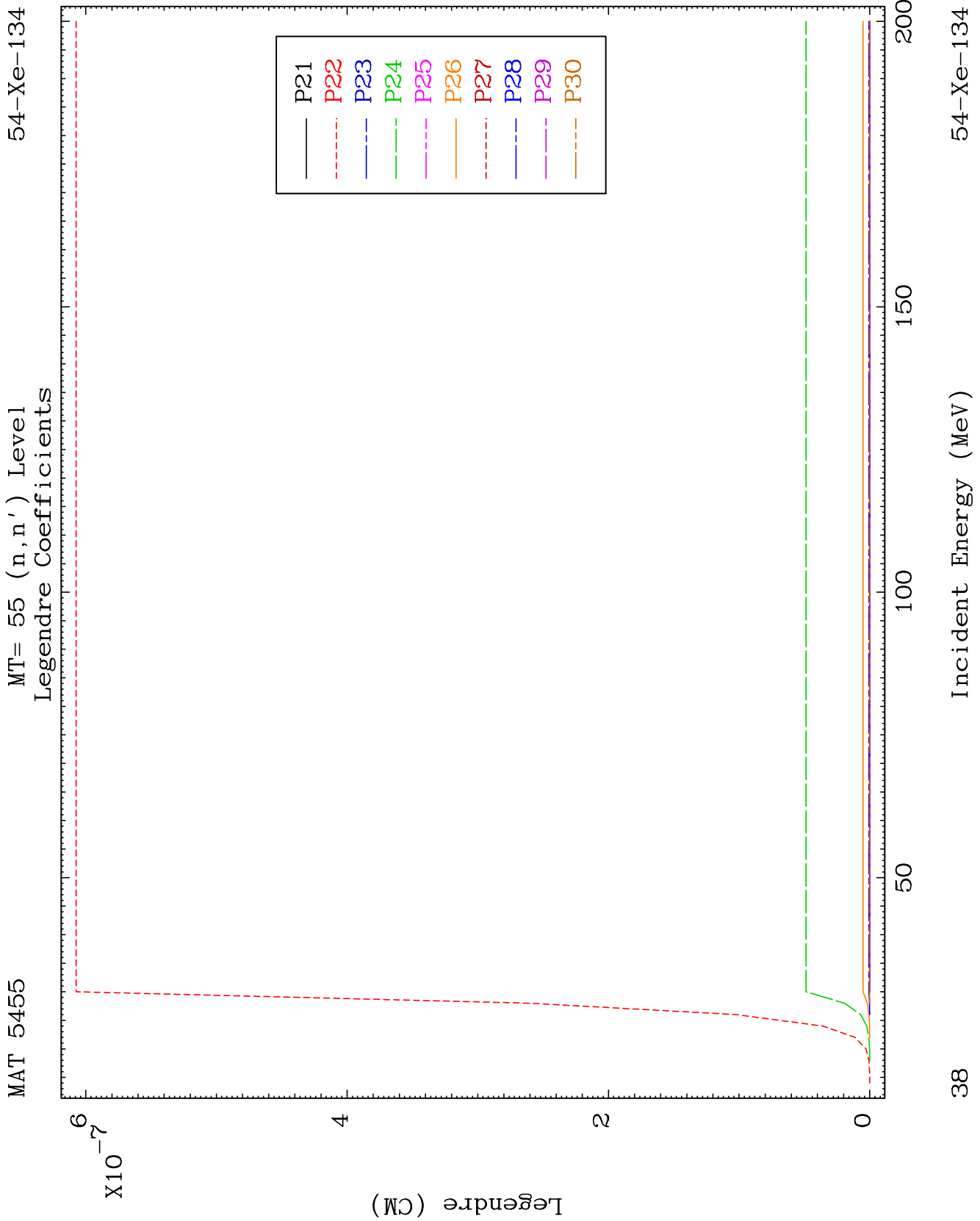
54-Xe-134

Legendre Coefficients



37

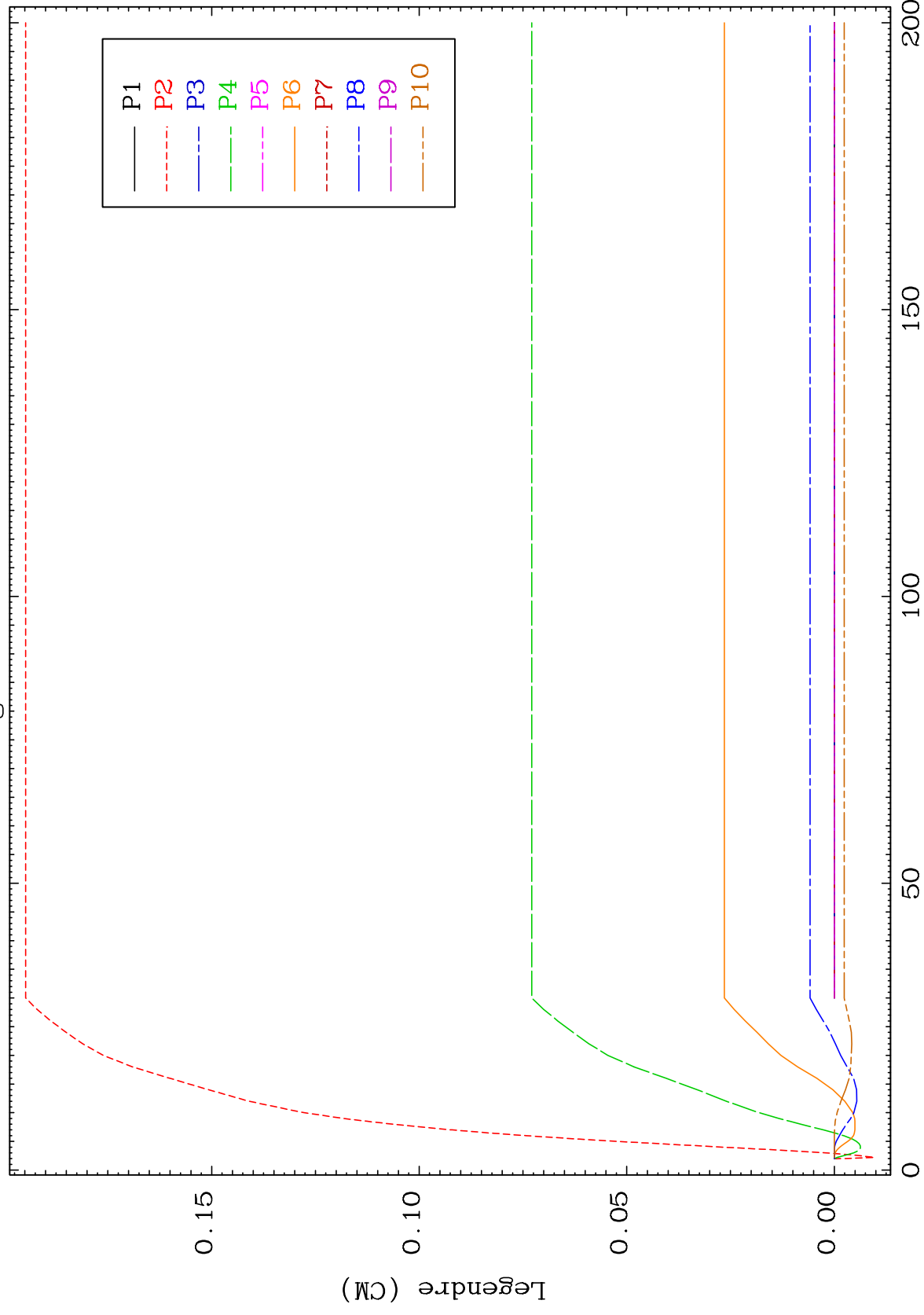
54-Xe-134



MAT 5455

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

54-Xe-134



39

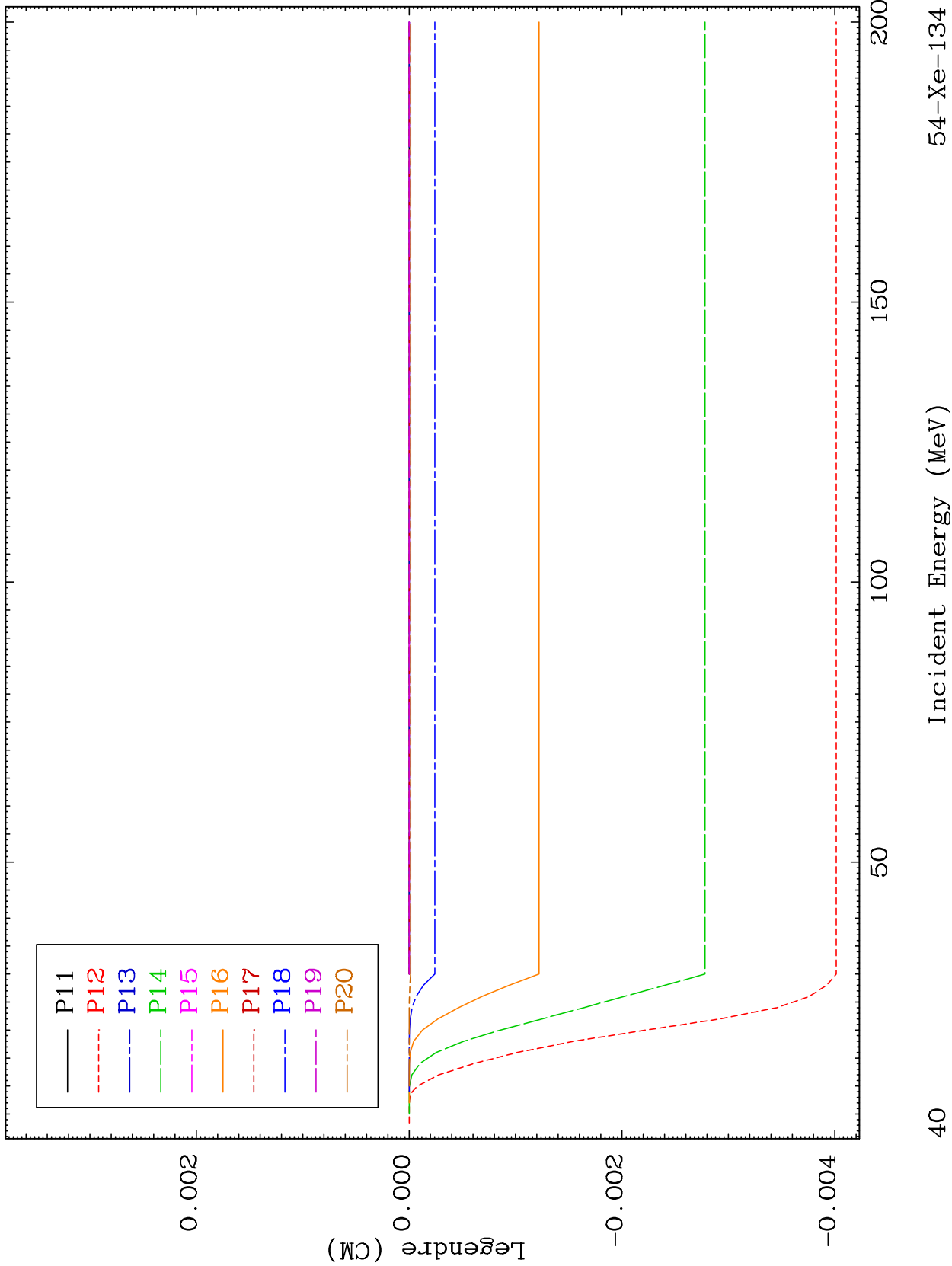
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

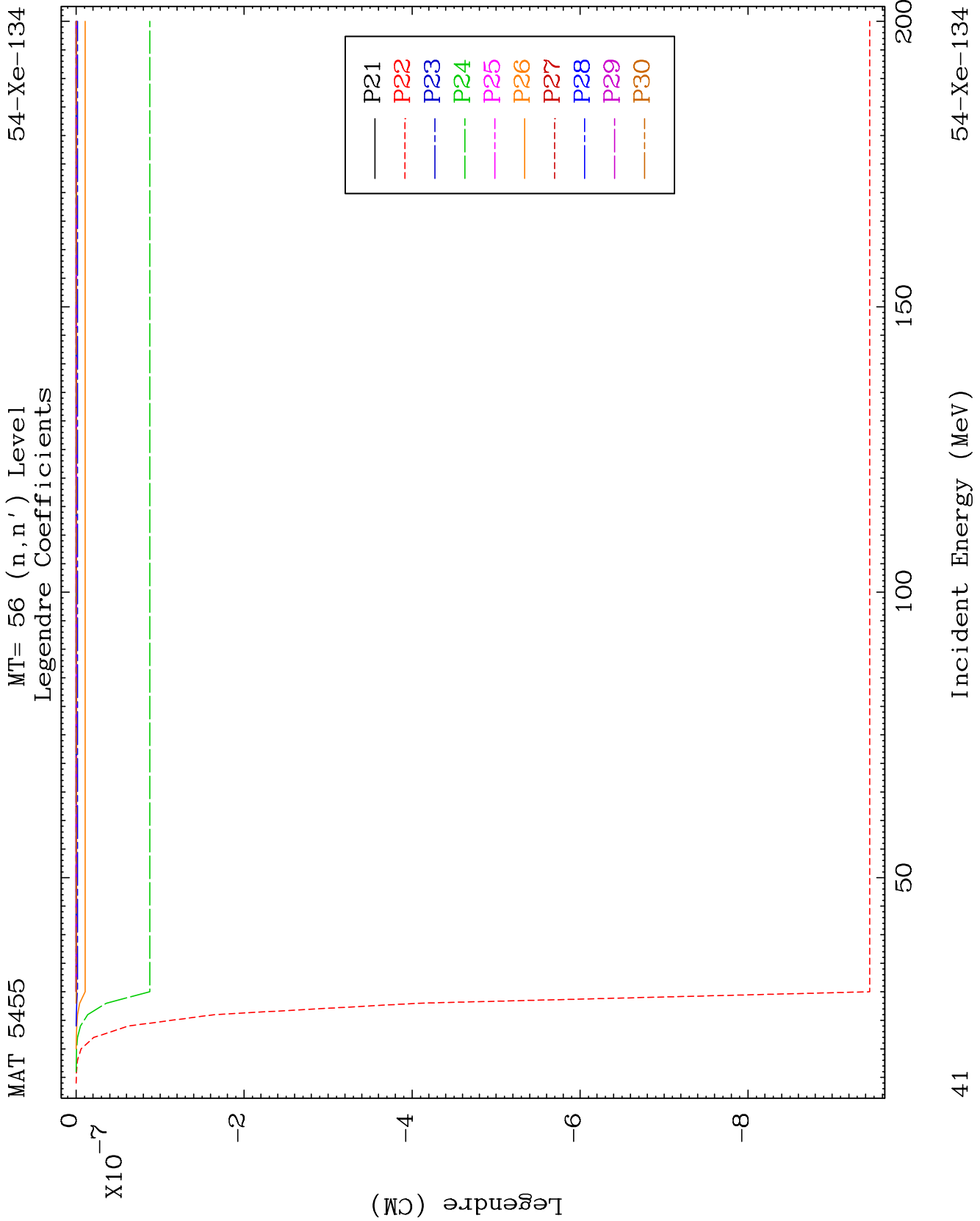
54-Xe-134



54-Xe-134

Incident Energy (MeV)

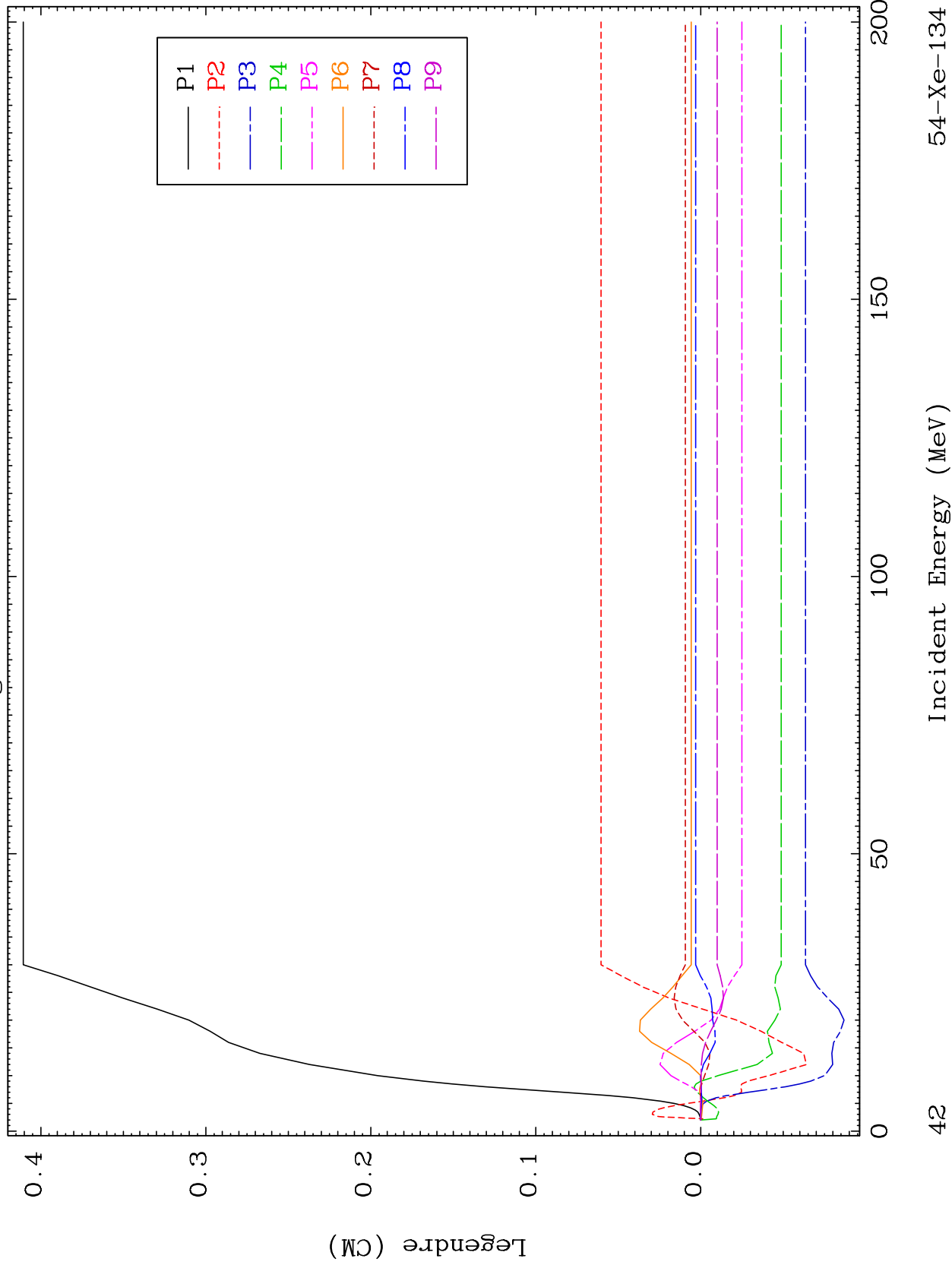
40



MAT 5455

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

54-Xe-134



54-Xe-134

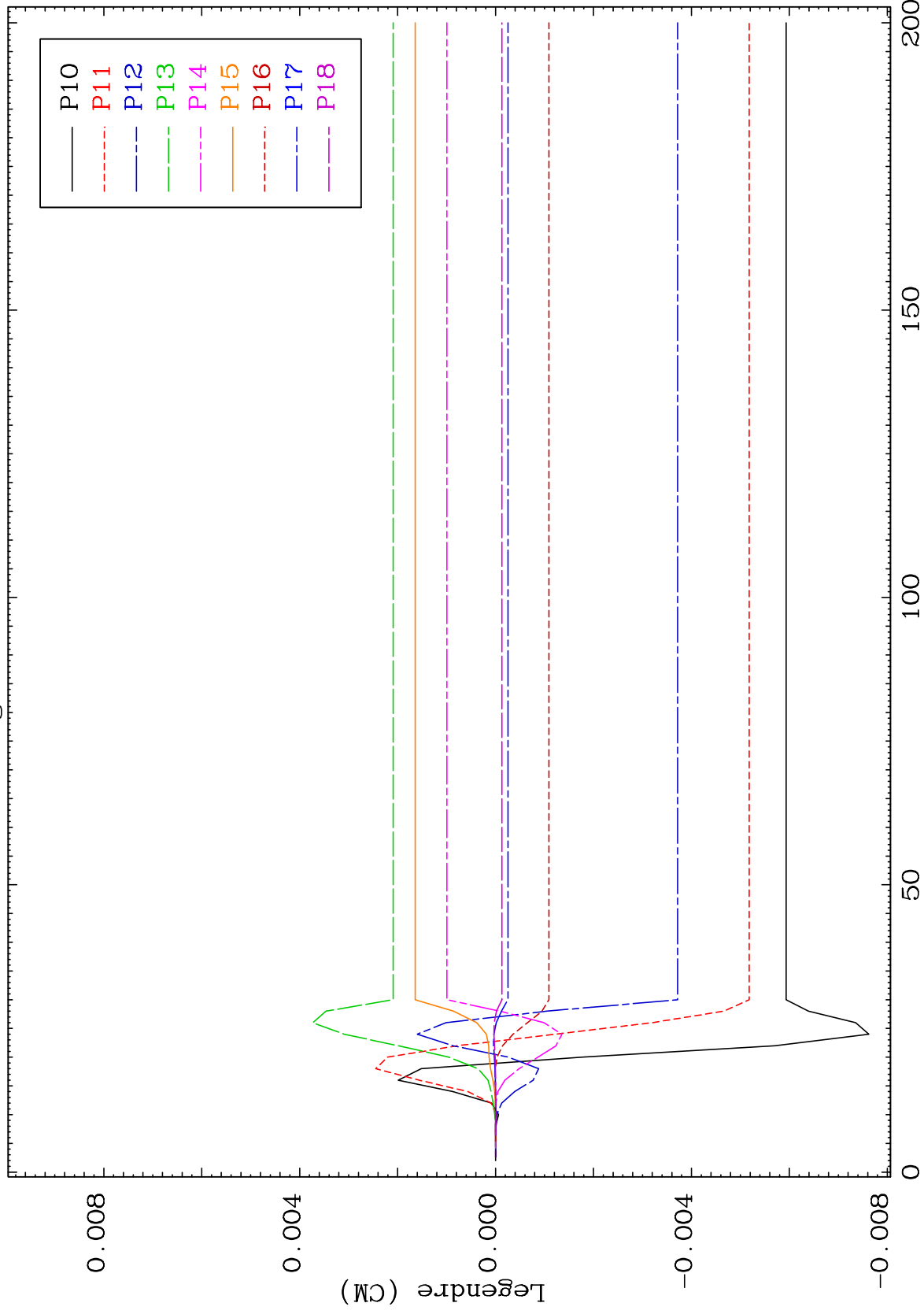
Incident Energy (MeV)

42

MAT 5455

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

54-Xe-134



43

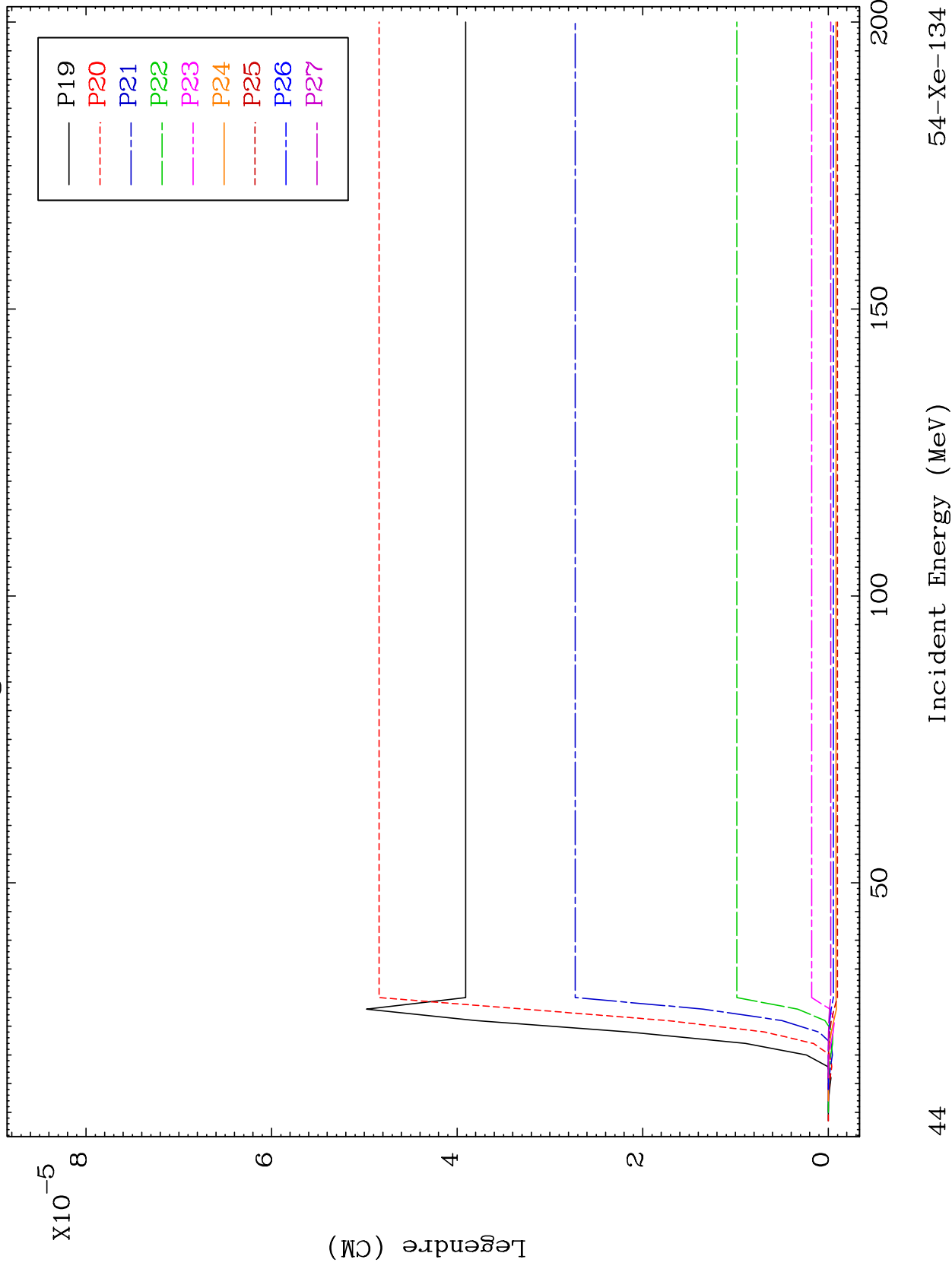
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



44

Incident Energy (MeV)

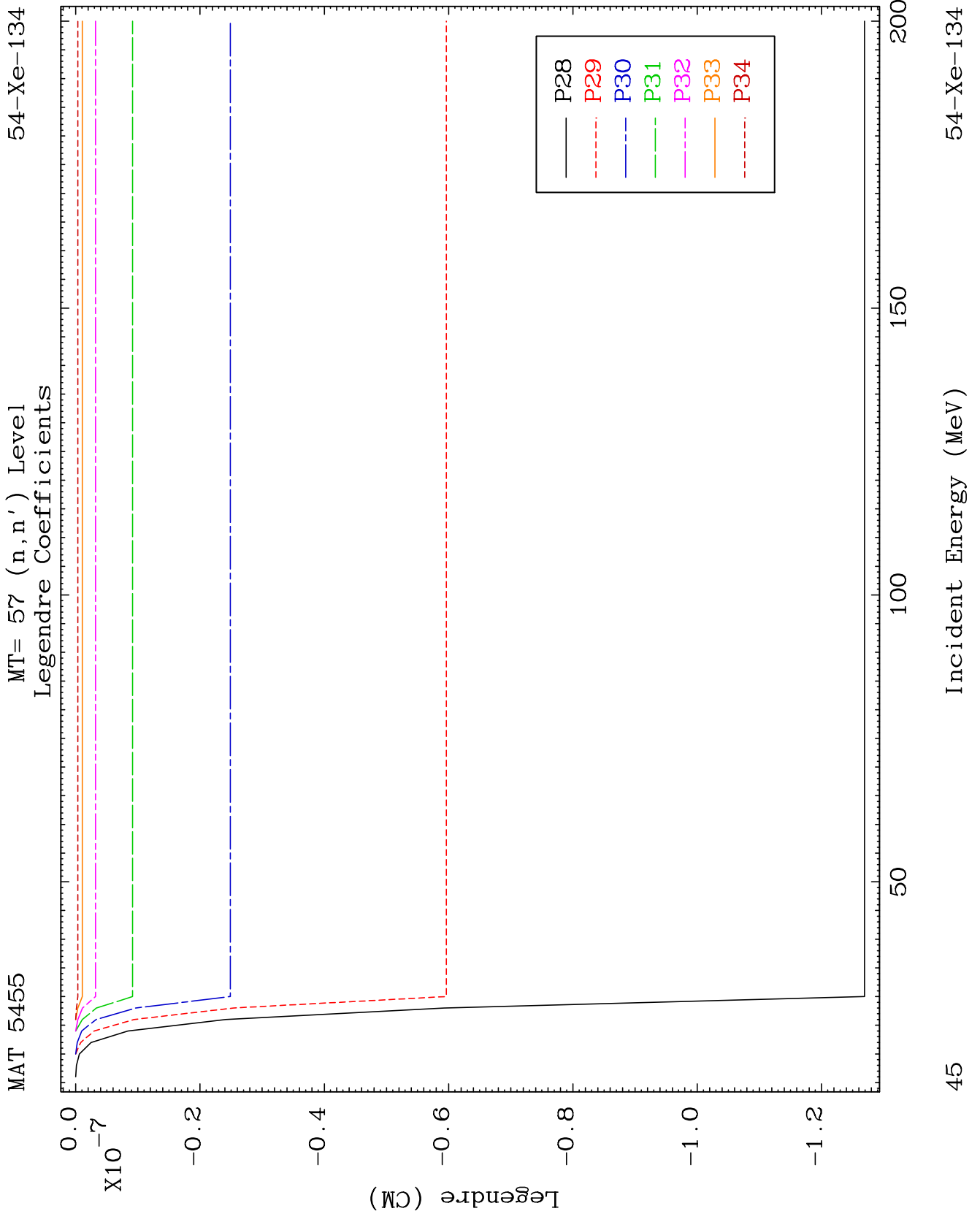
54-Xe-134

200

150

100

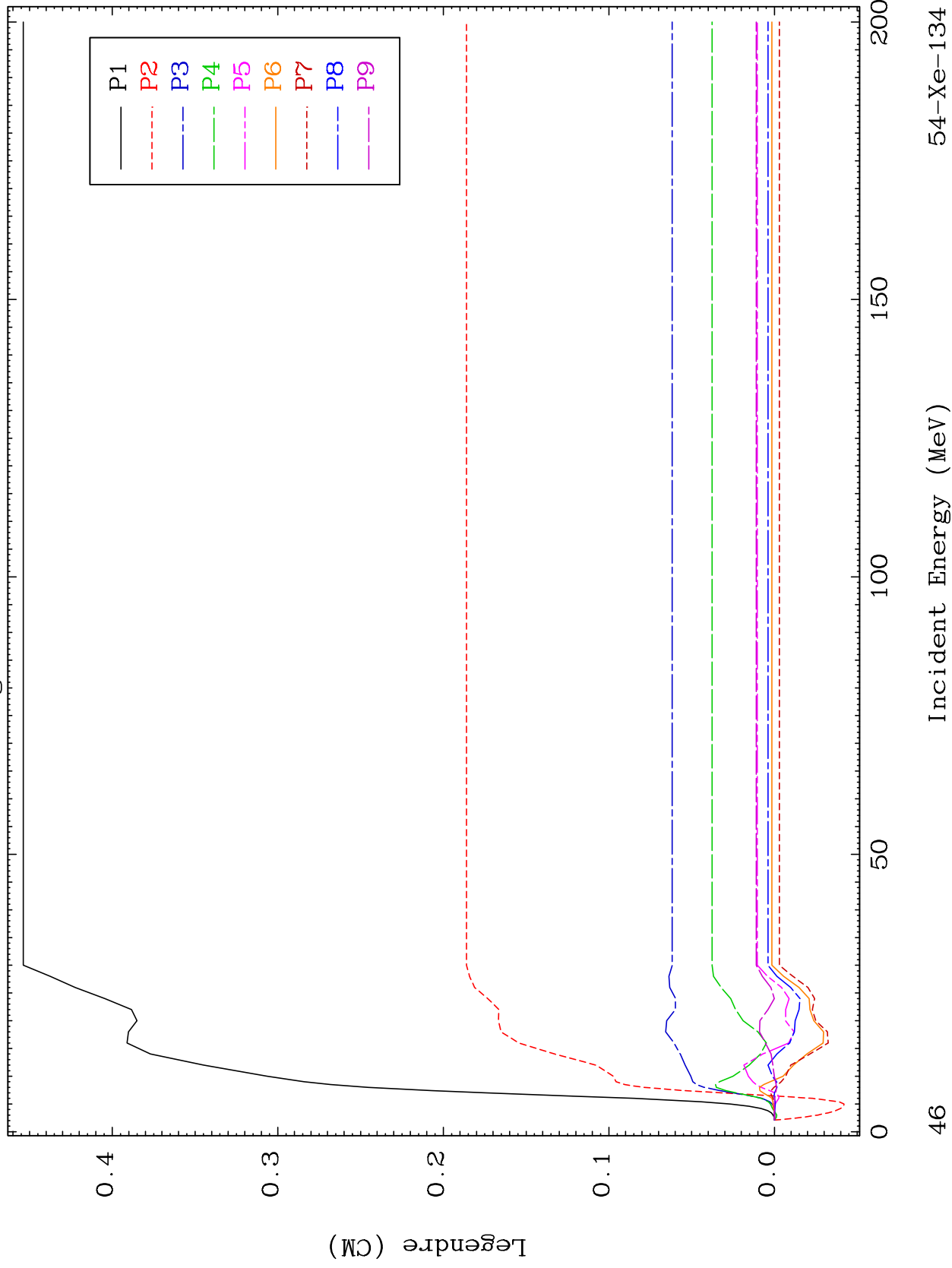
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MAT 5455

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

54-Xe-134



54-Xe-134

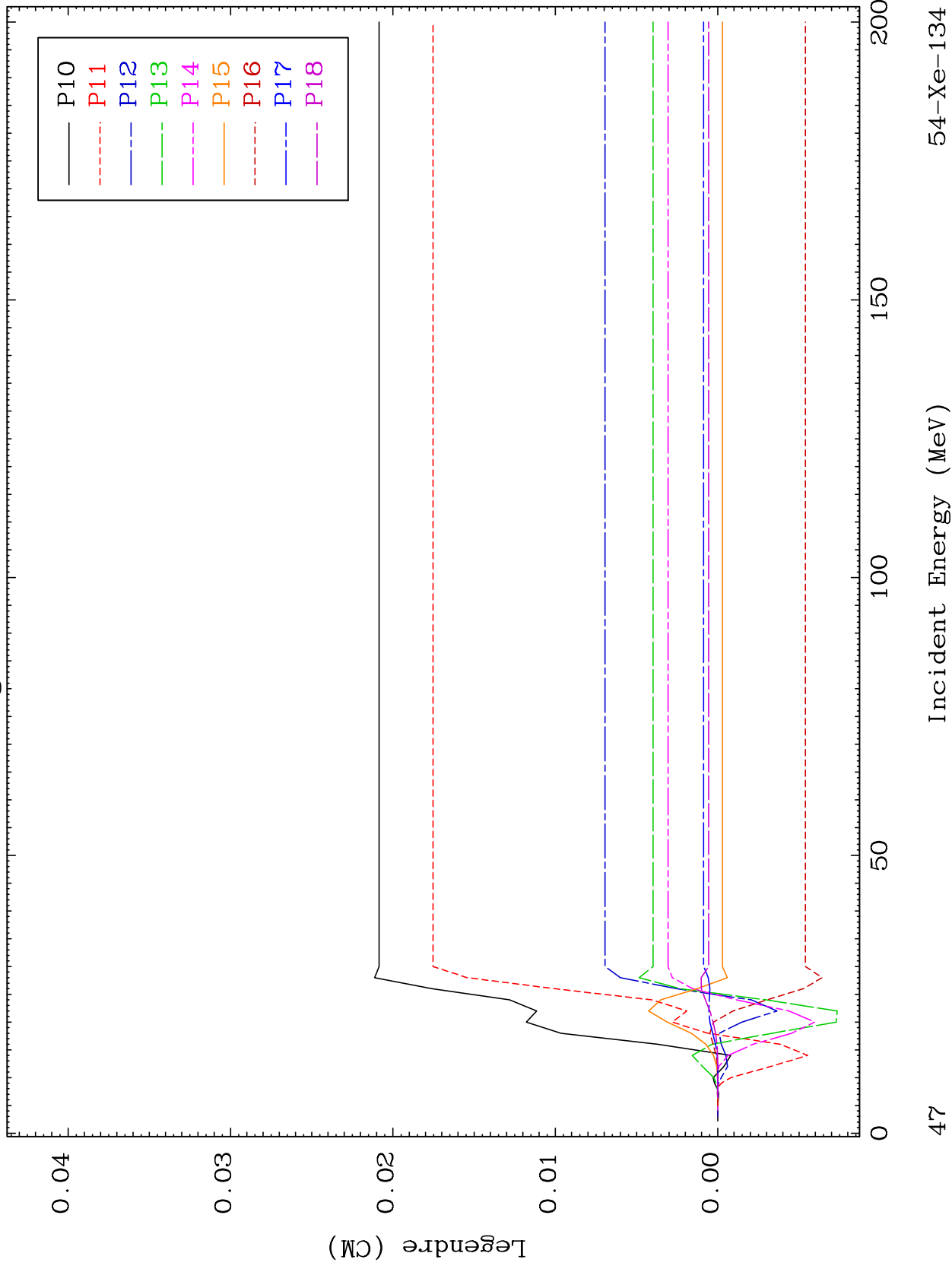
Incident Energy (MeV)

46

MAT 5455

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

54-Xe-134



47

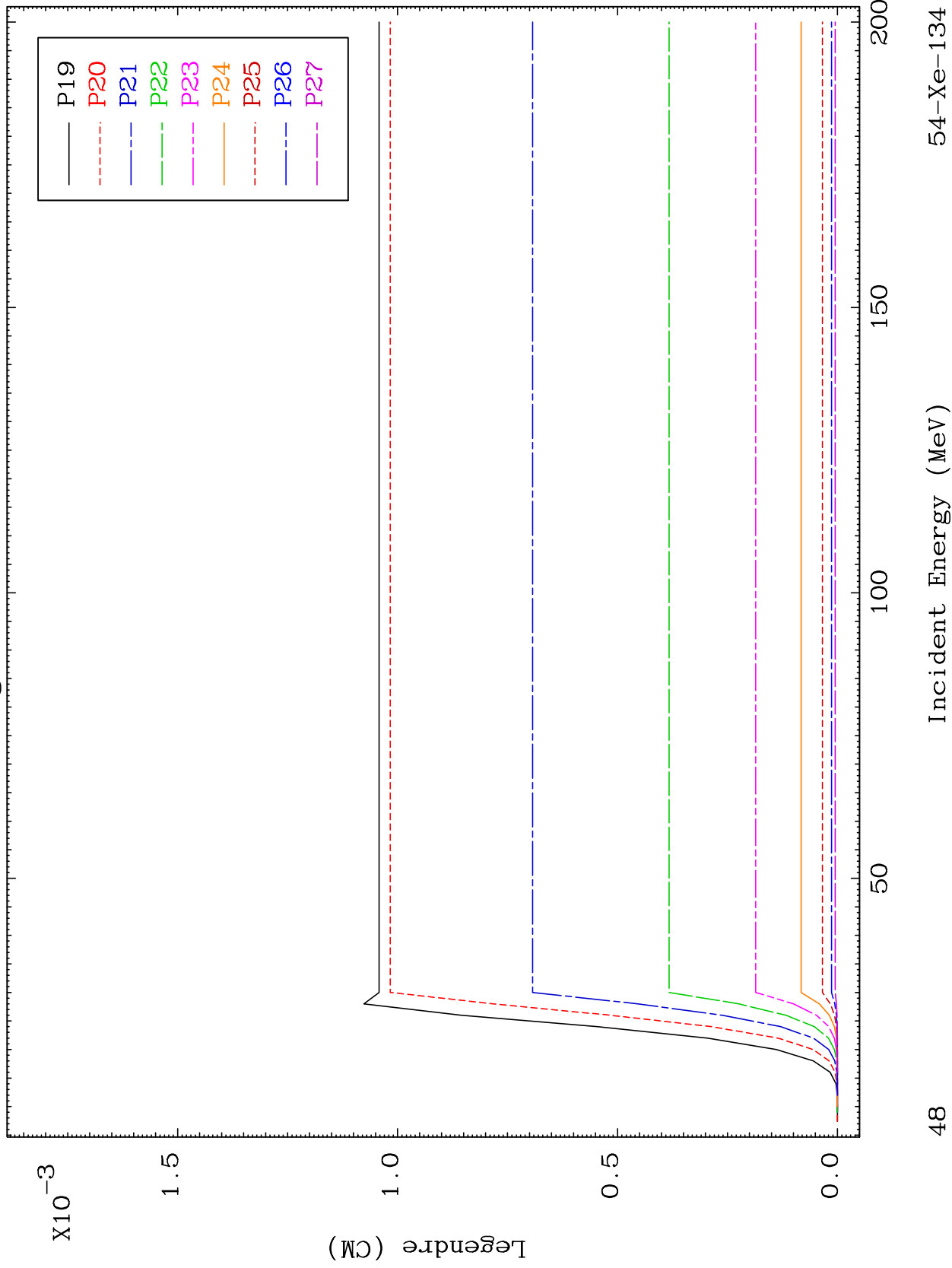
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



48

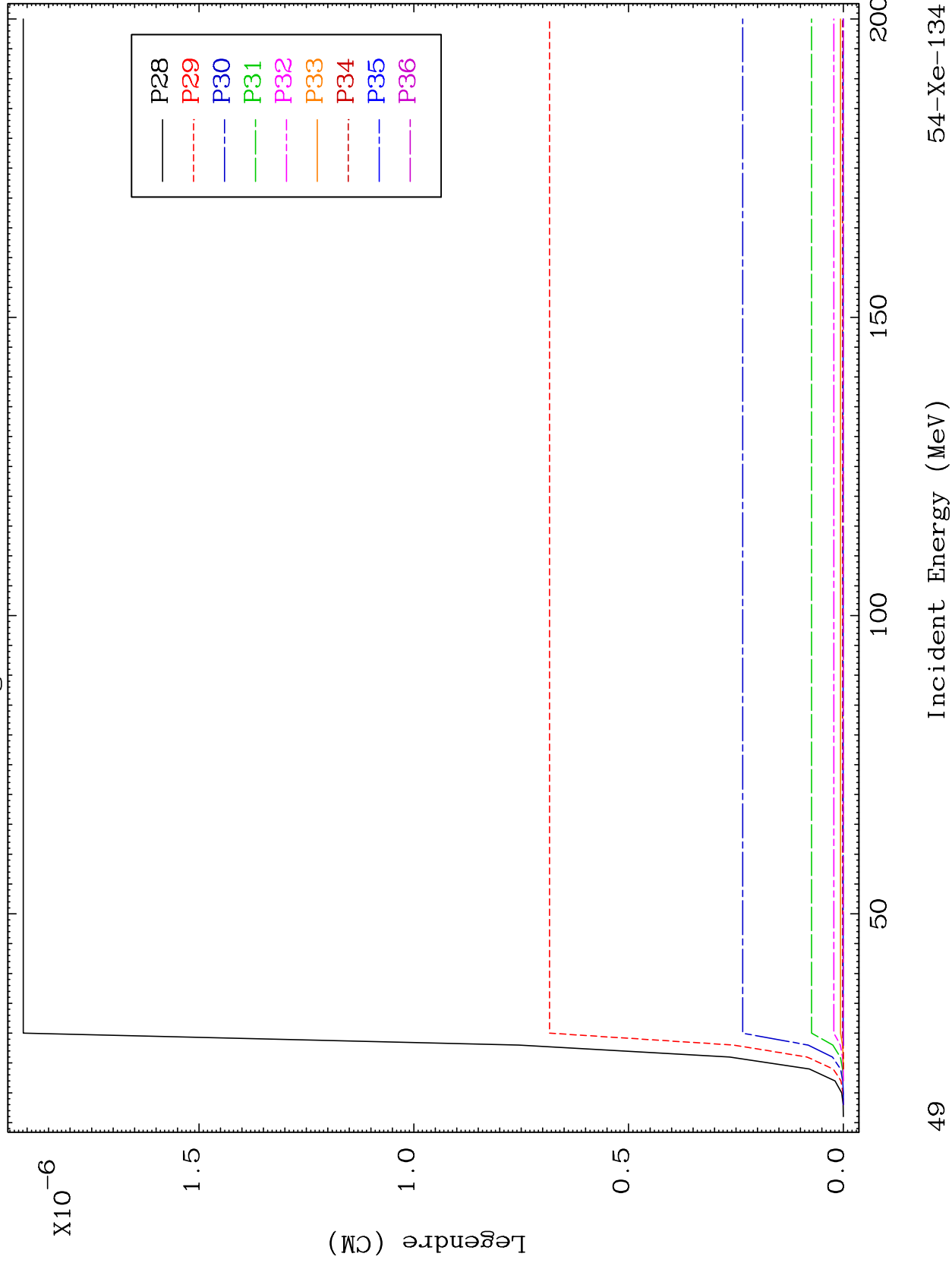
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

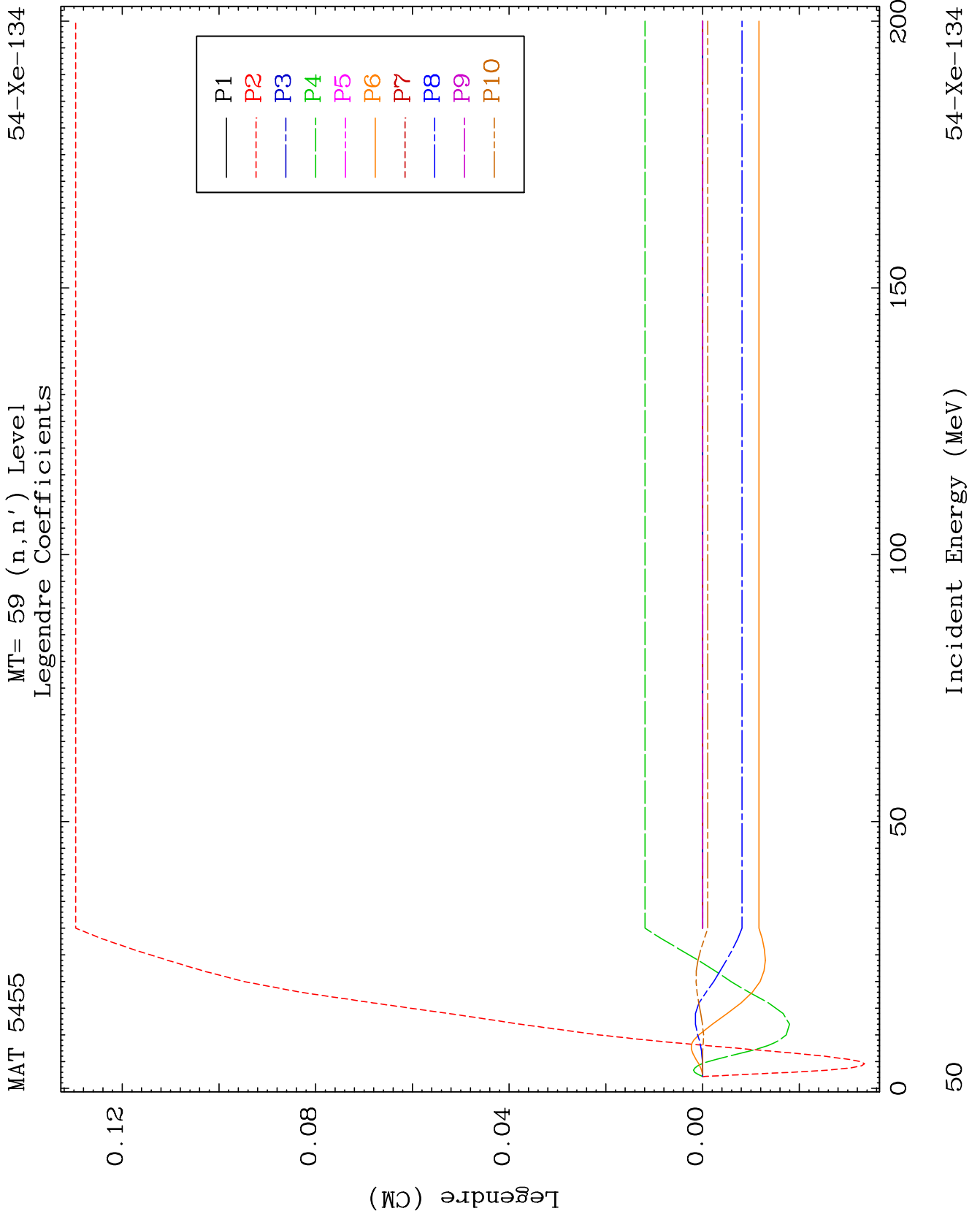
54-Xe-134



49

Incident Energy (MeV)

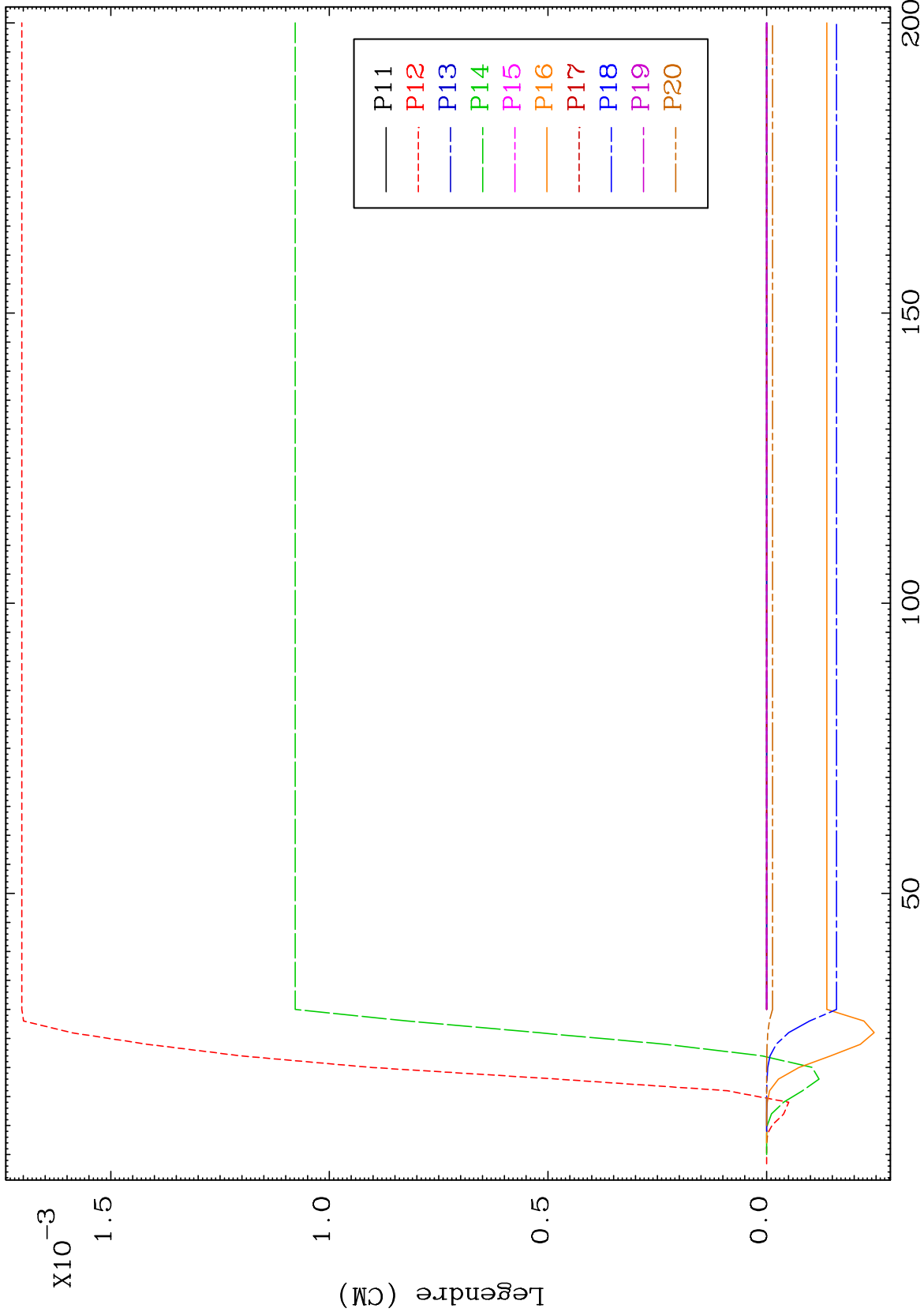
54-Xe-134



MAT 5455

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

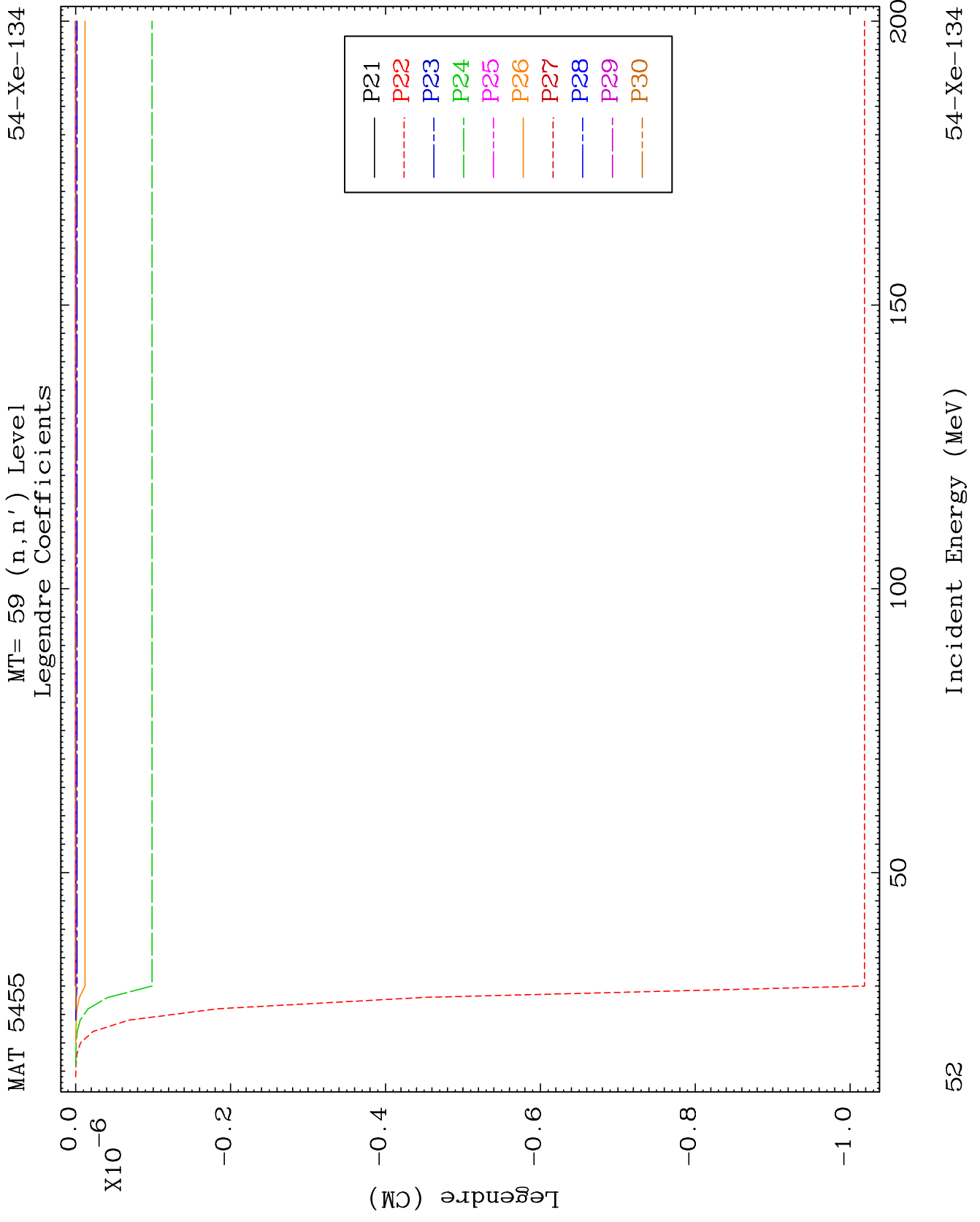
54-Xe-134



51

Incident Energy (MeV)

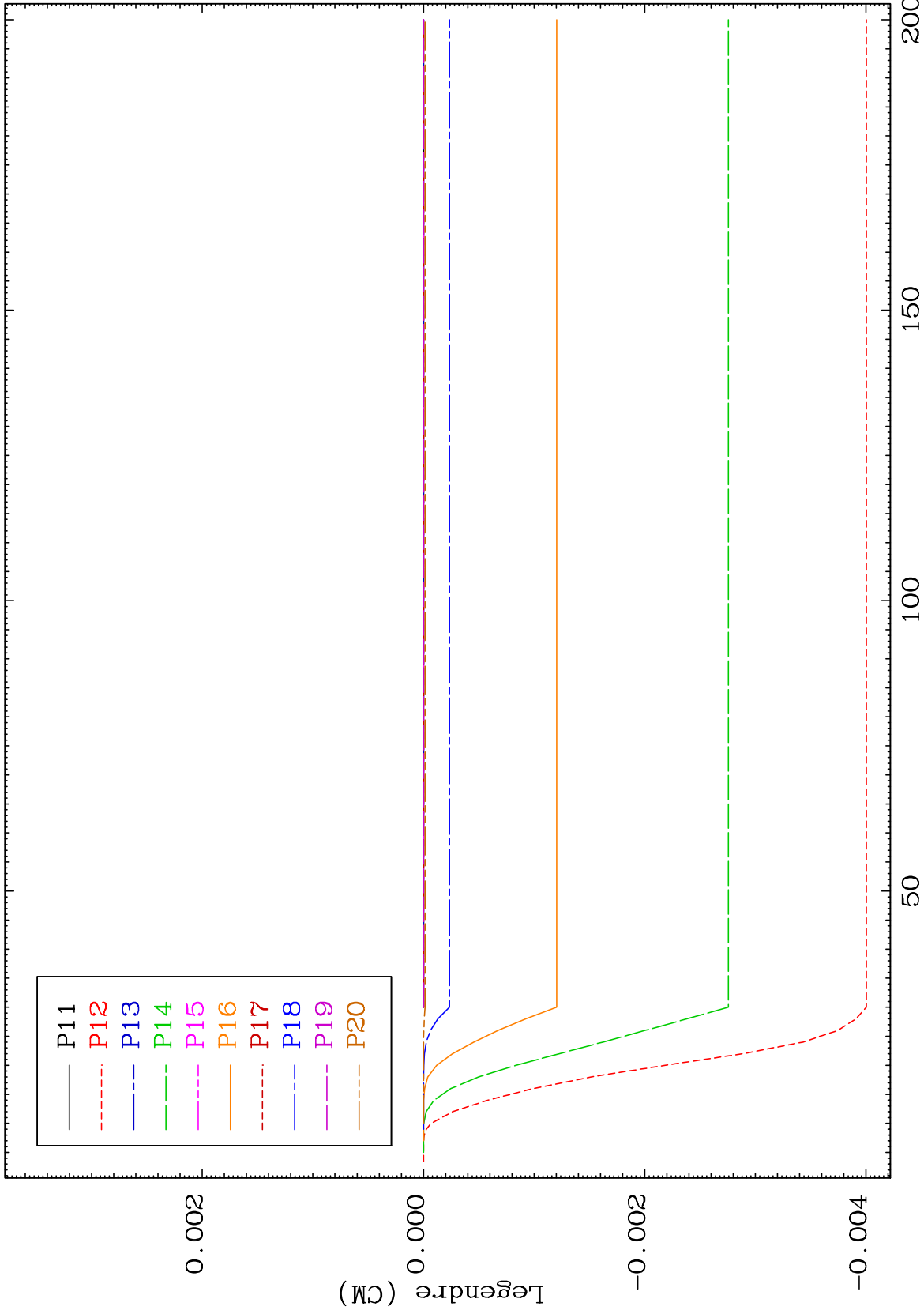
54-Xe-134



MAT 5455

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

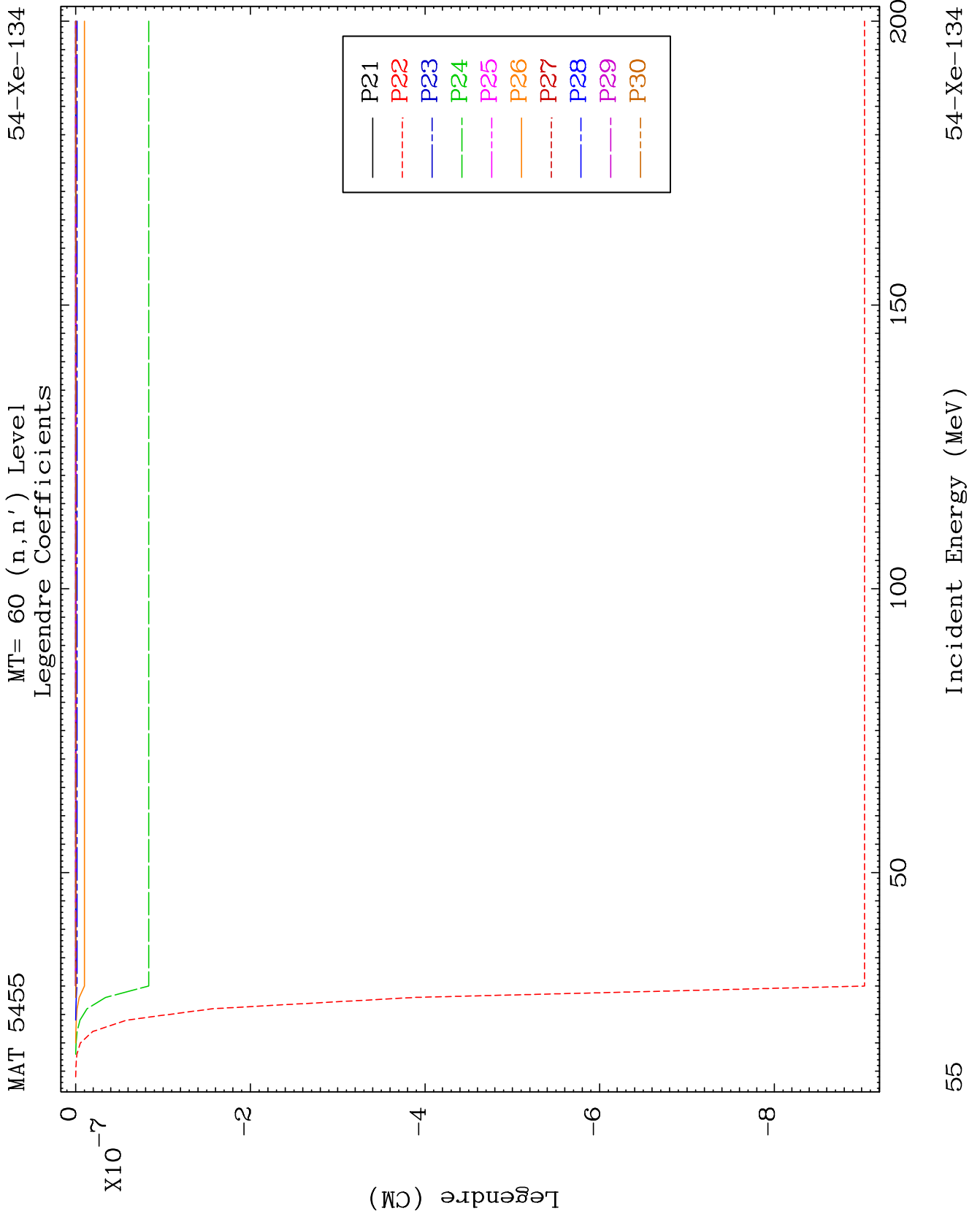
54-Xe-134



54

Incident Energy (MeV)

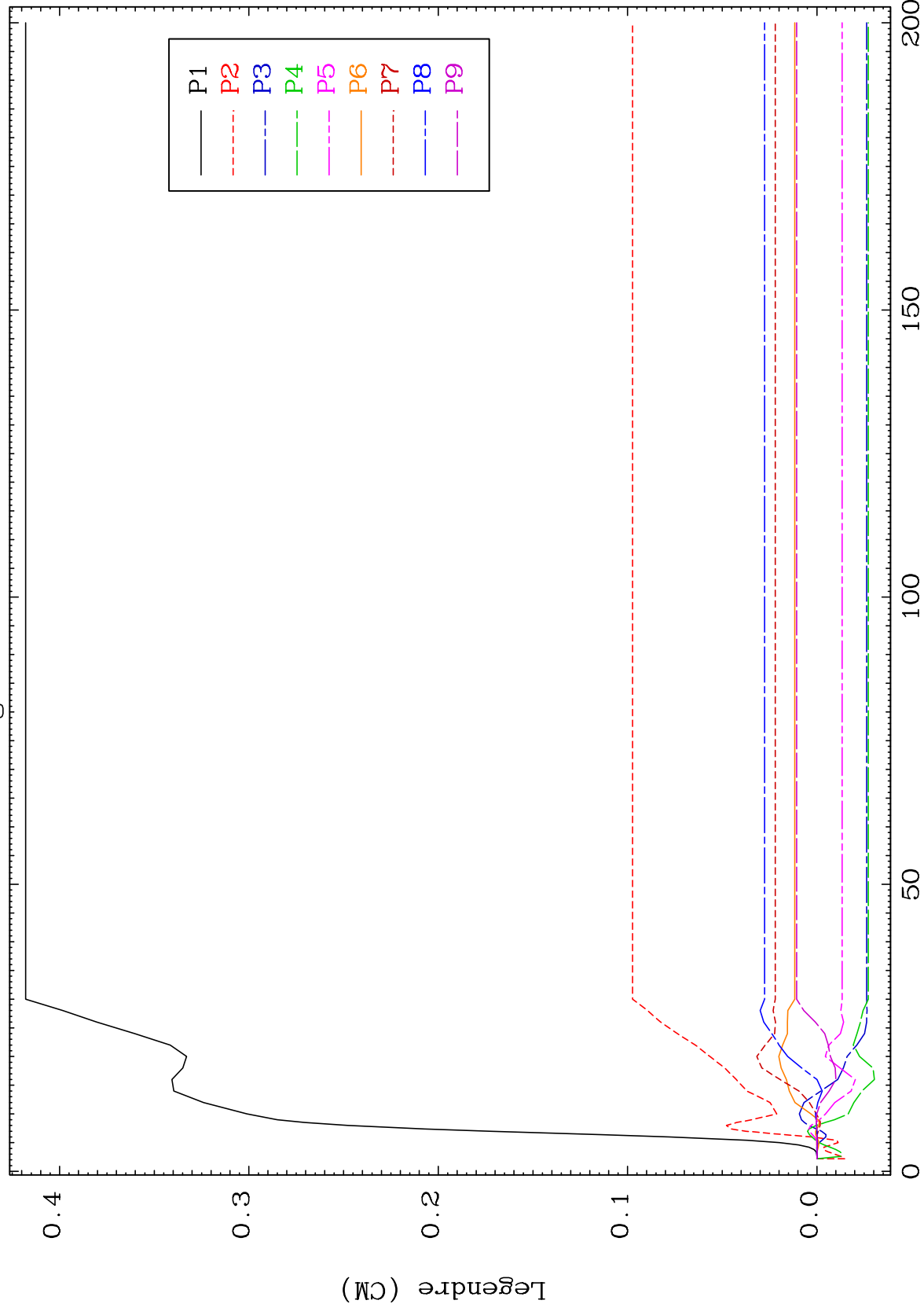
54-Xe-134



MAT 5455

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

54-Xe-134



54-Xe-134

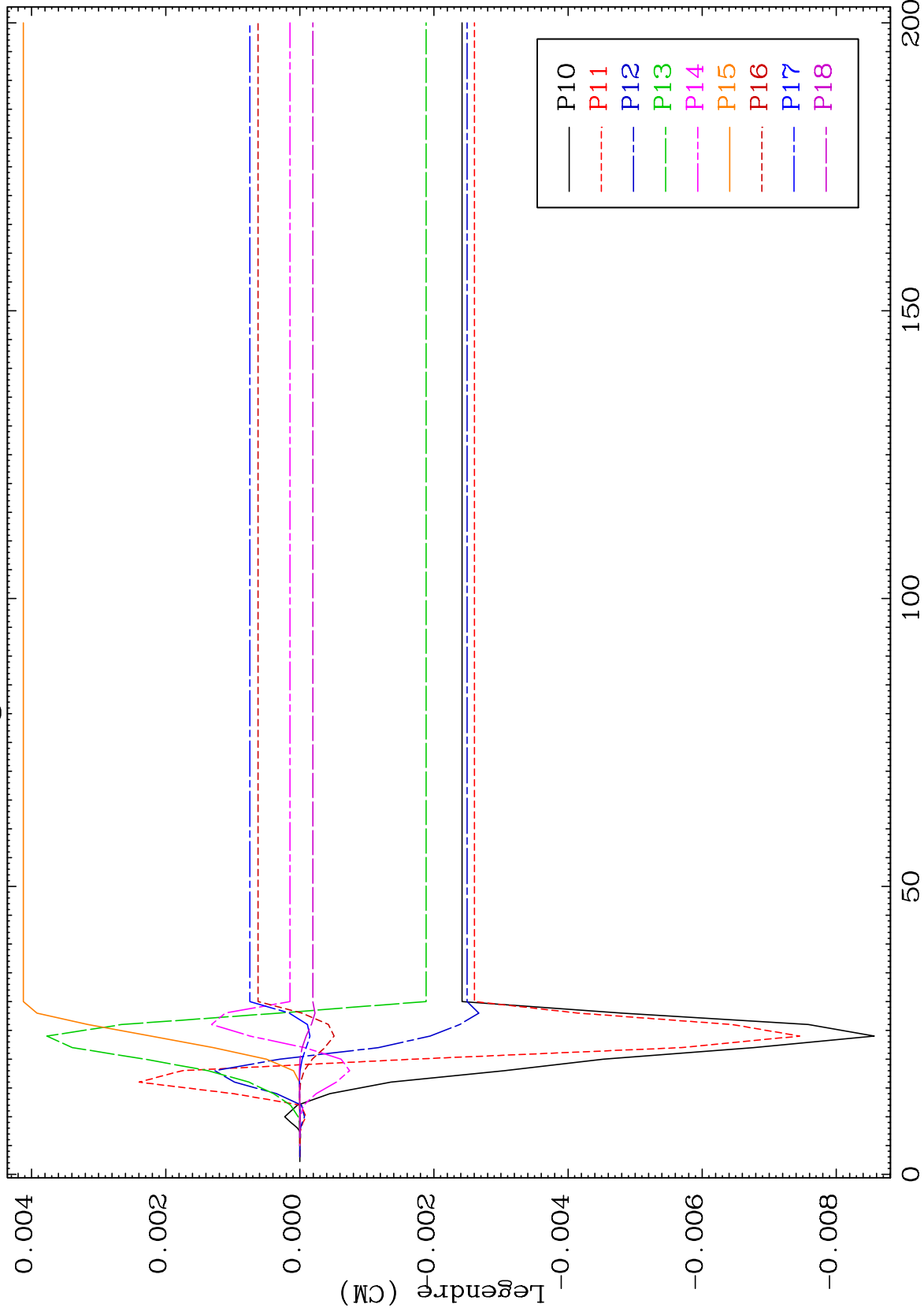
Incident Energy (MeV)

56

MAT 5455

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

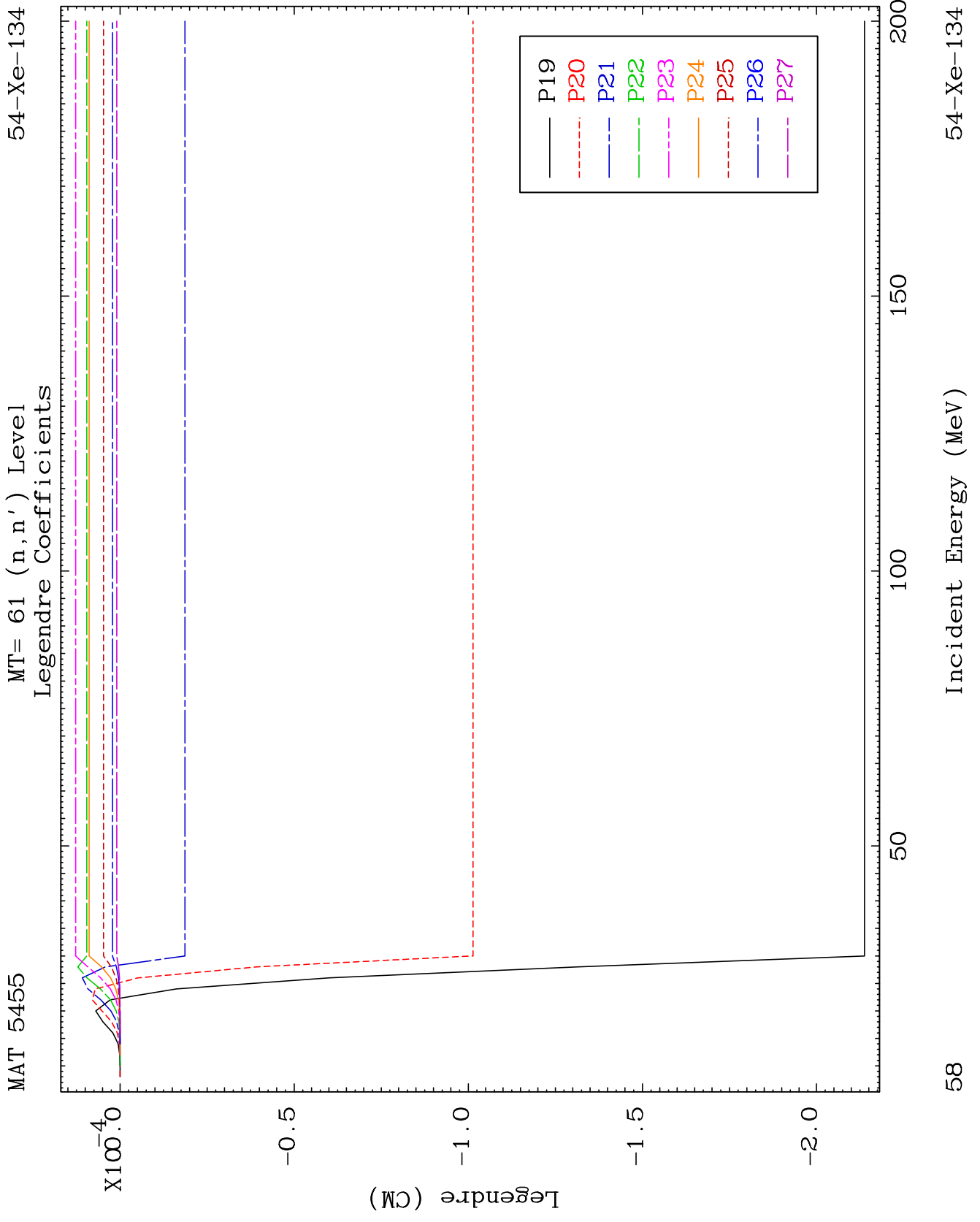
54-Xe-134



57

Incident Energy (MeV)

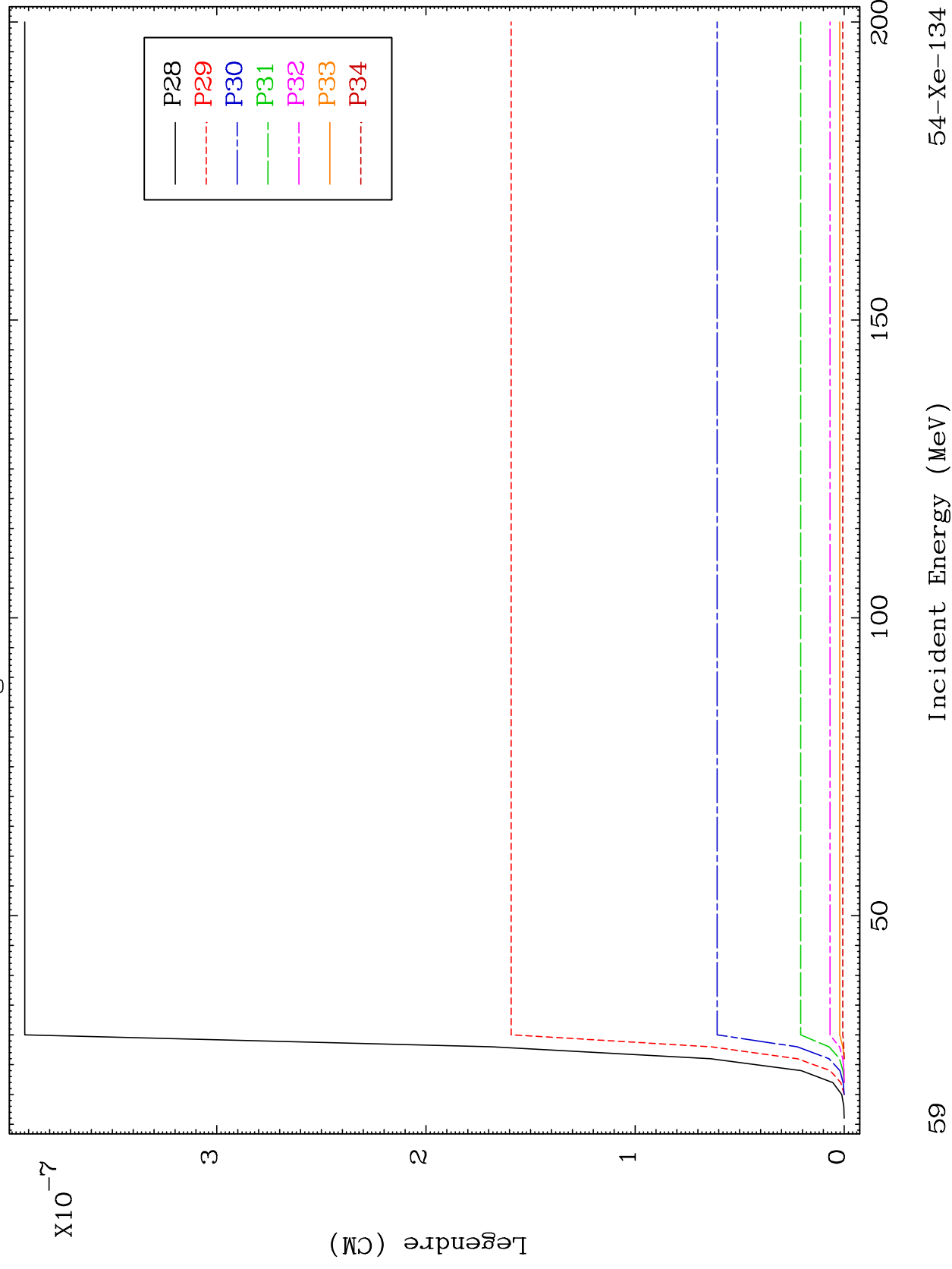
54-Xe-134



MAT 5455

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

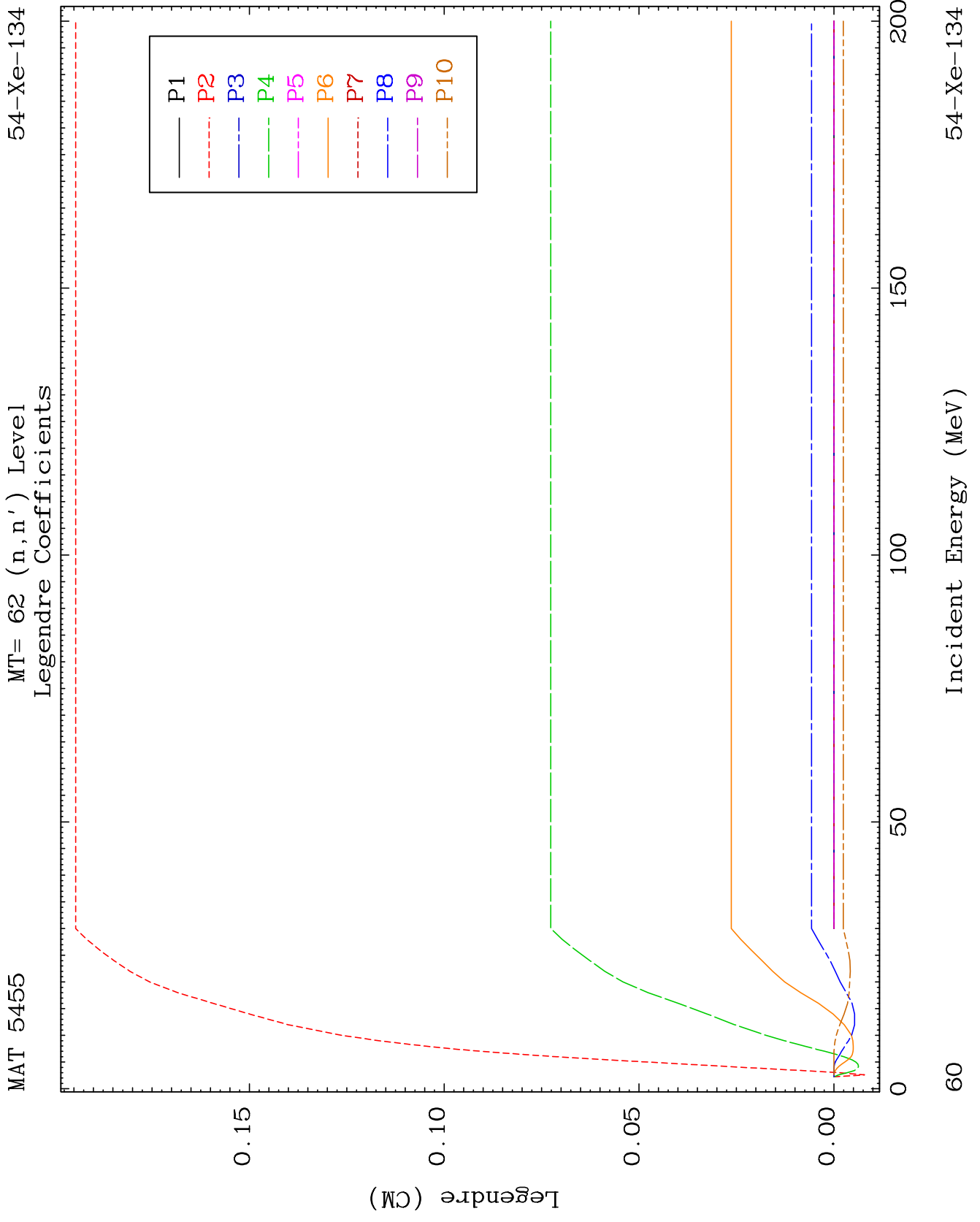
54-Xe-134



59

Incident Energy (MeV)

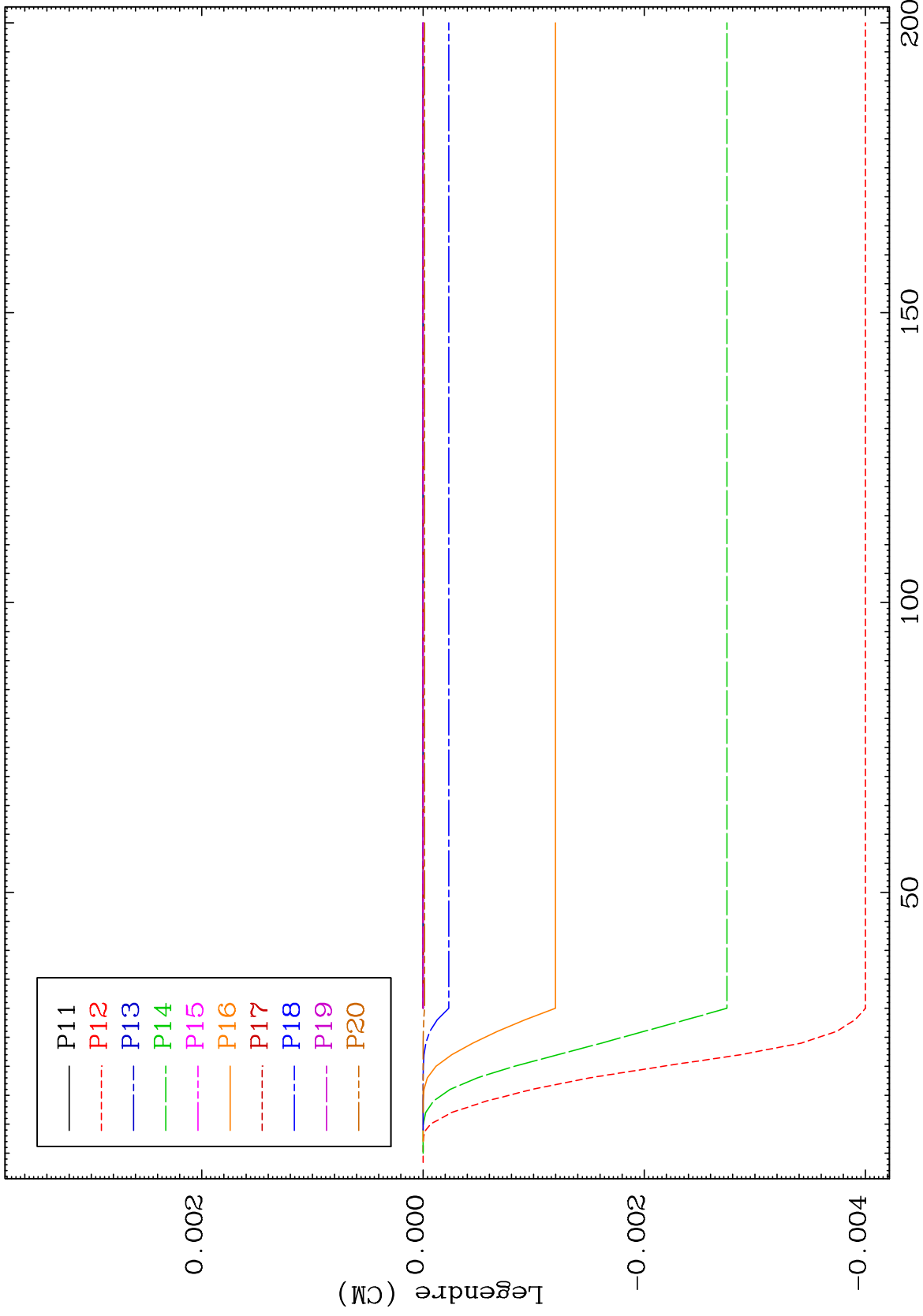
54-Xe-134



MAT 5455

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

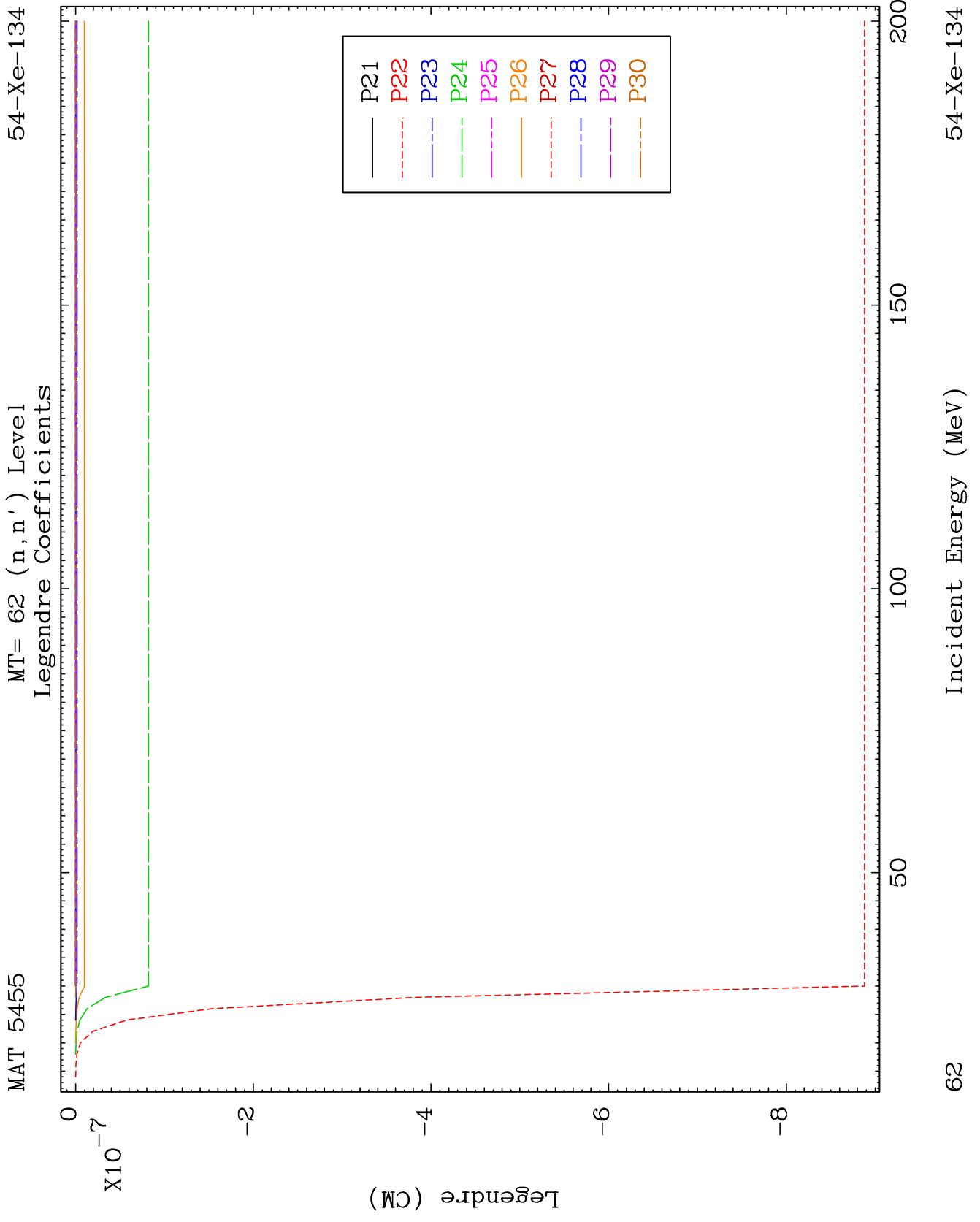
54-Xe-134

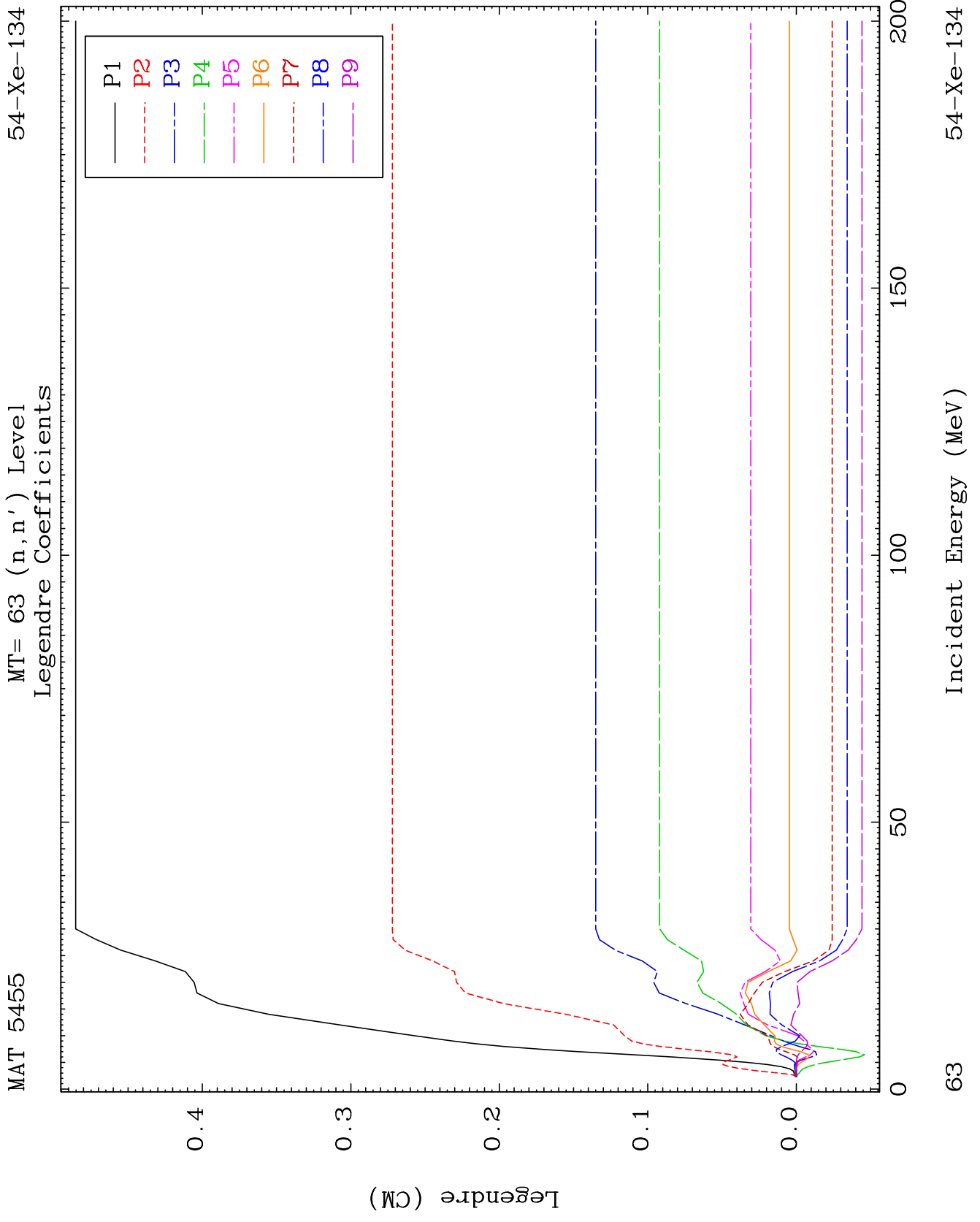


61

Incident Energy (MeV)

54-Xe-134

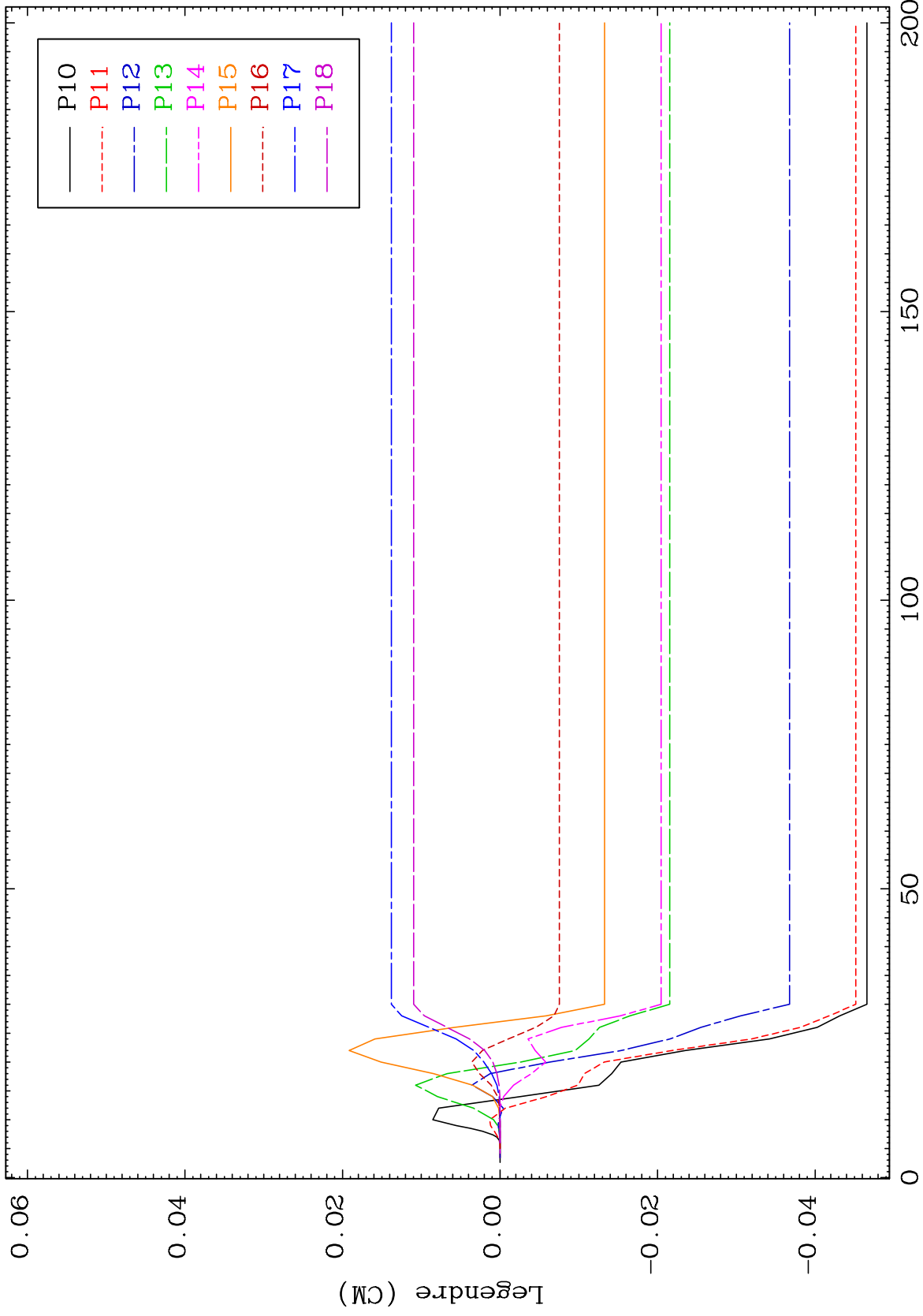




MAT 5455

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

54-Xe-134



64

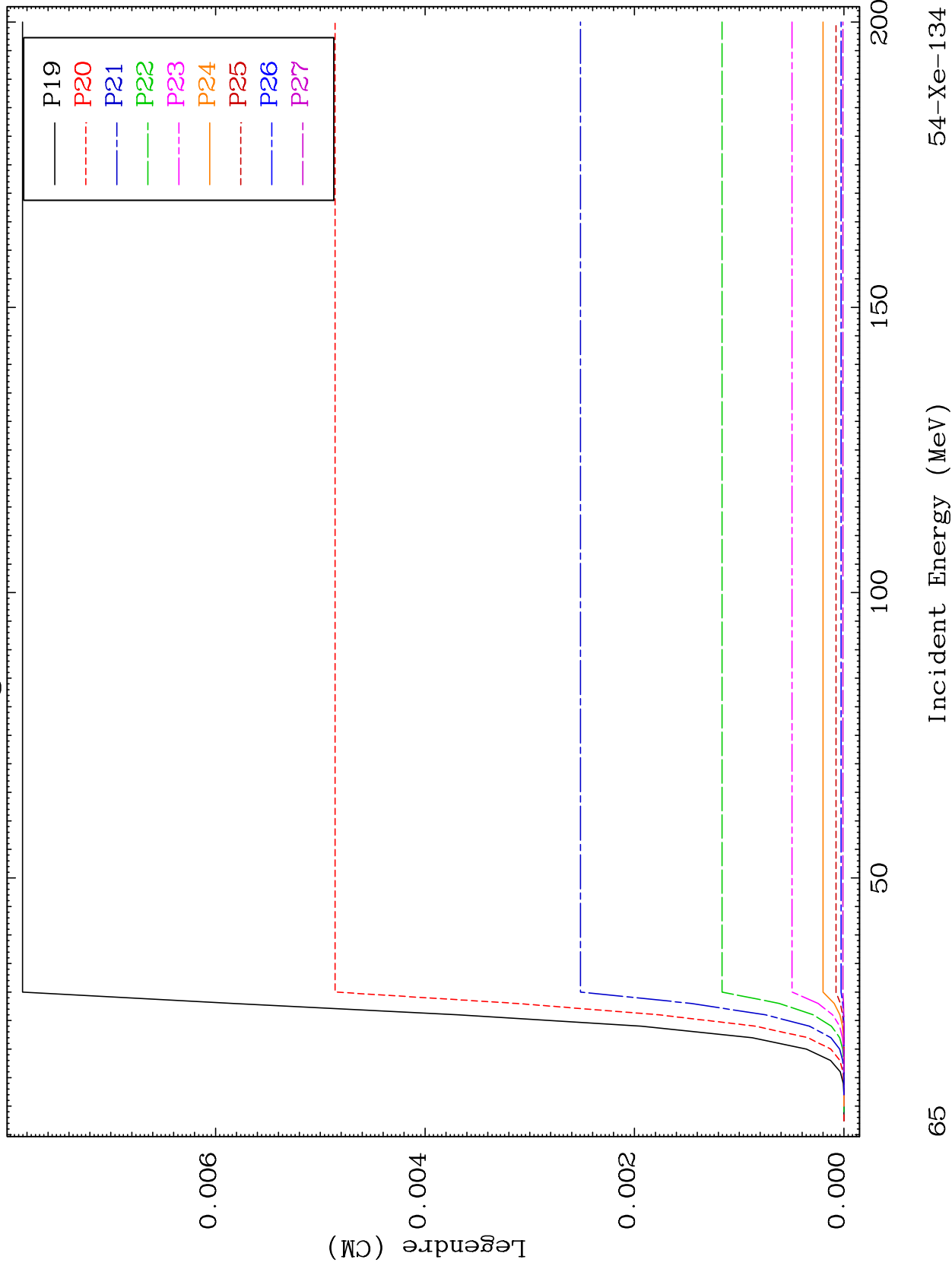
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



65

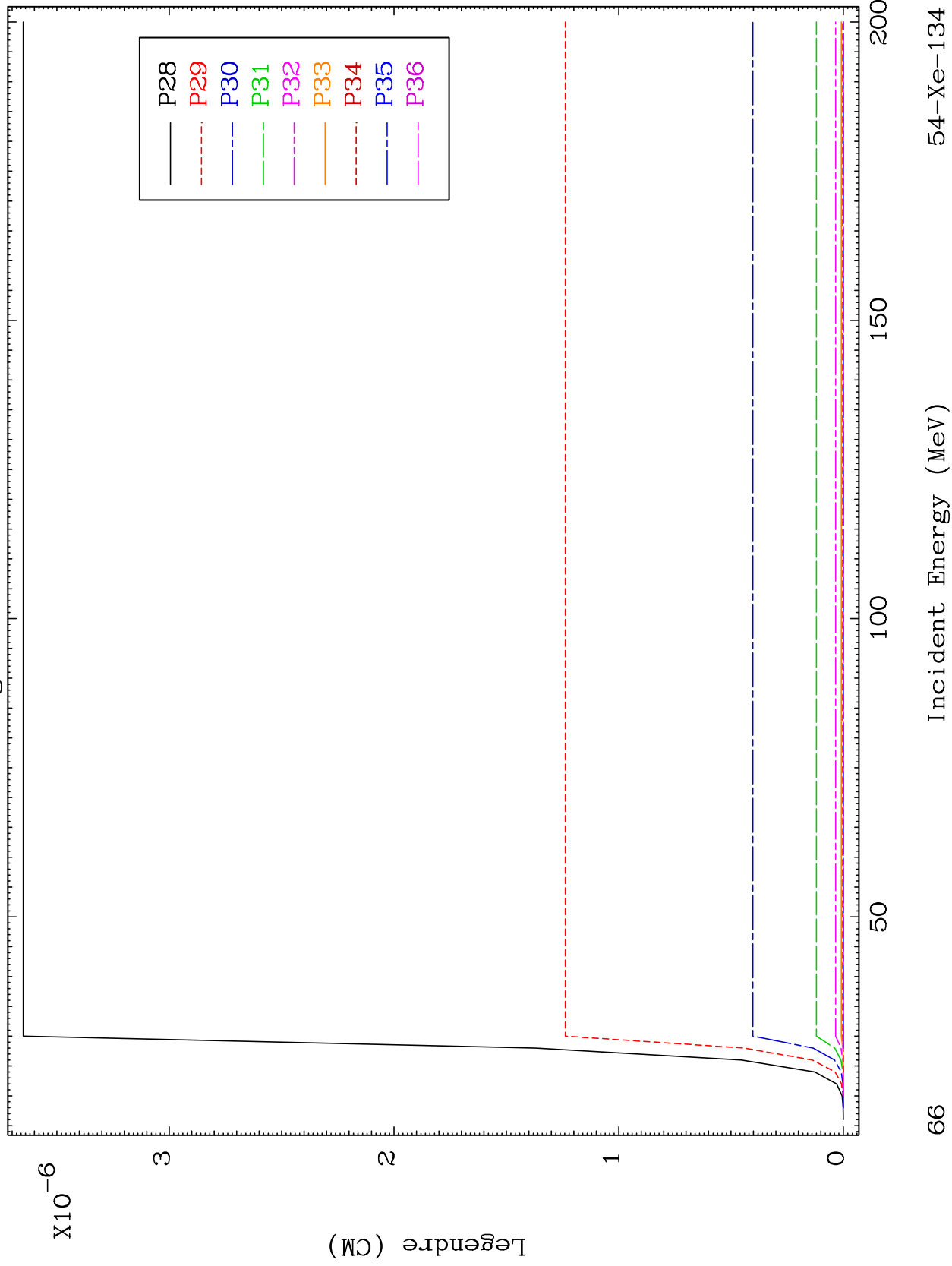
Incident Energy (MeV)

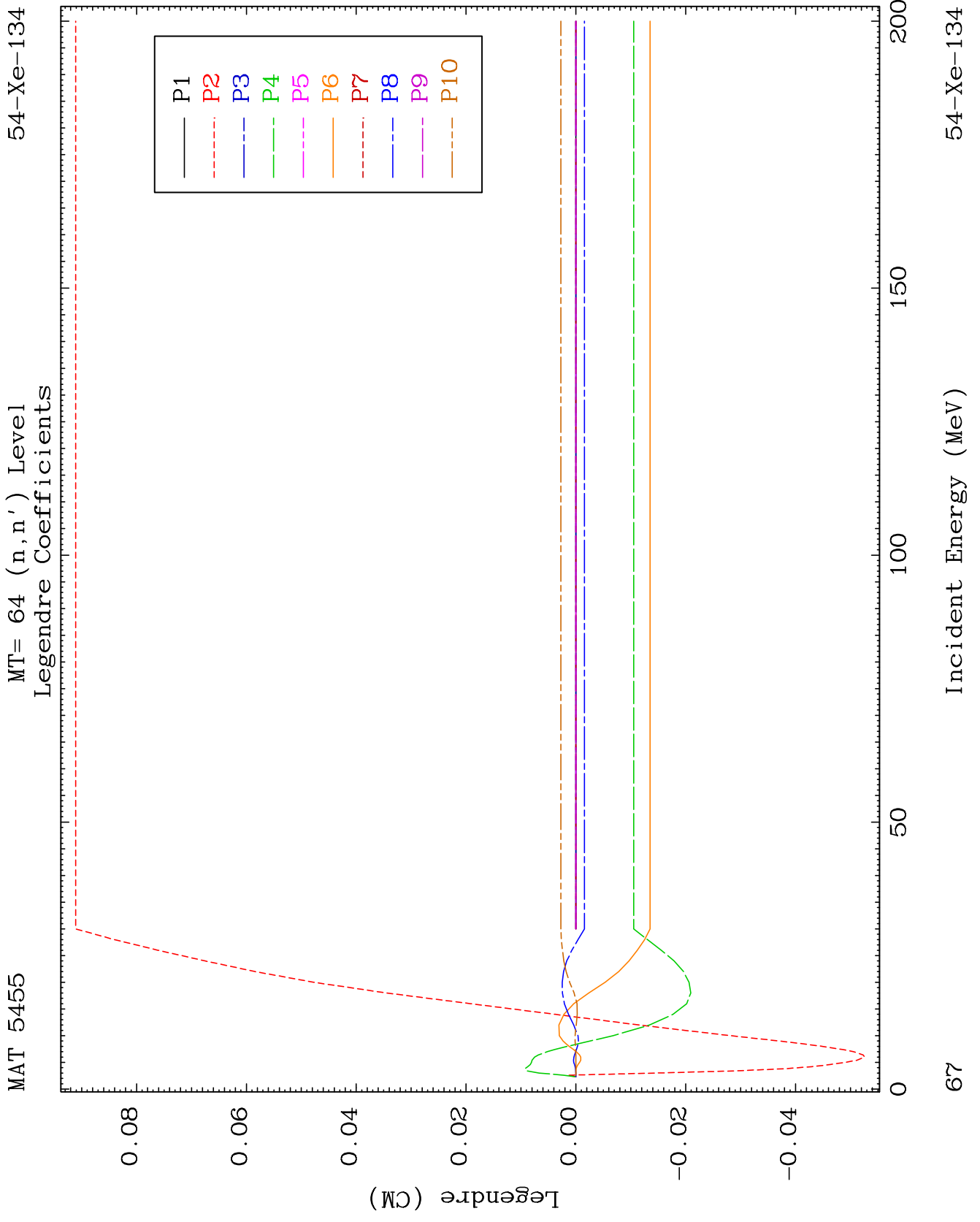
54-Xe-134

MAT 5455

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

54-Xe-134

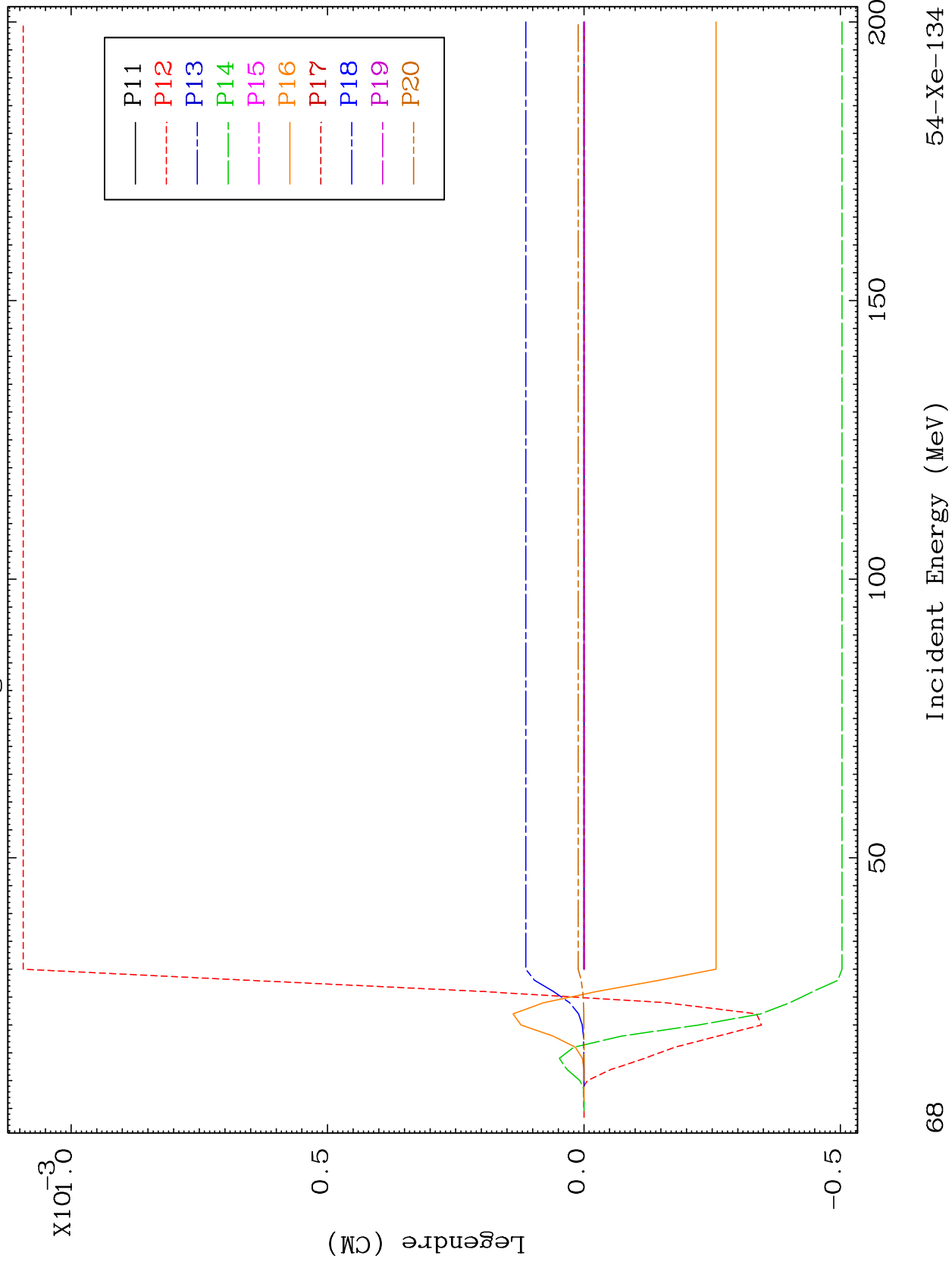




MAT 5455

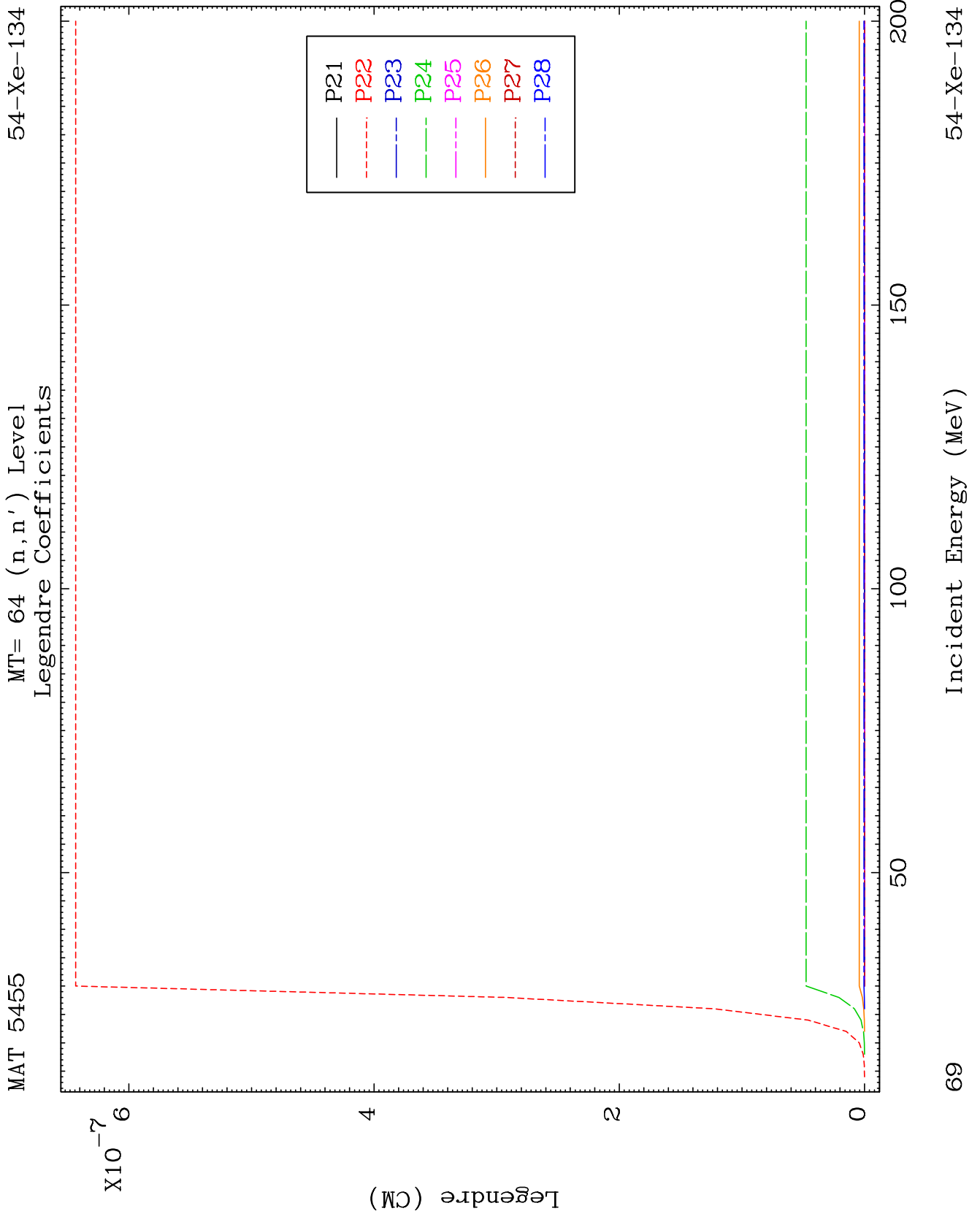
MT= 64 (n,n') Level
Legendre Coefficients

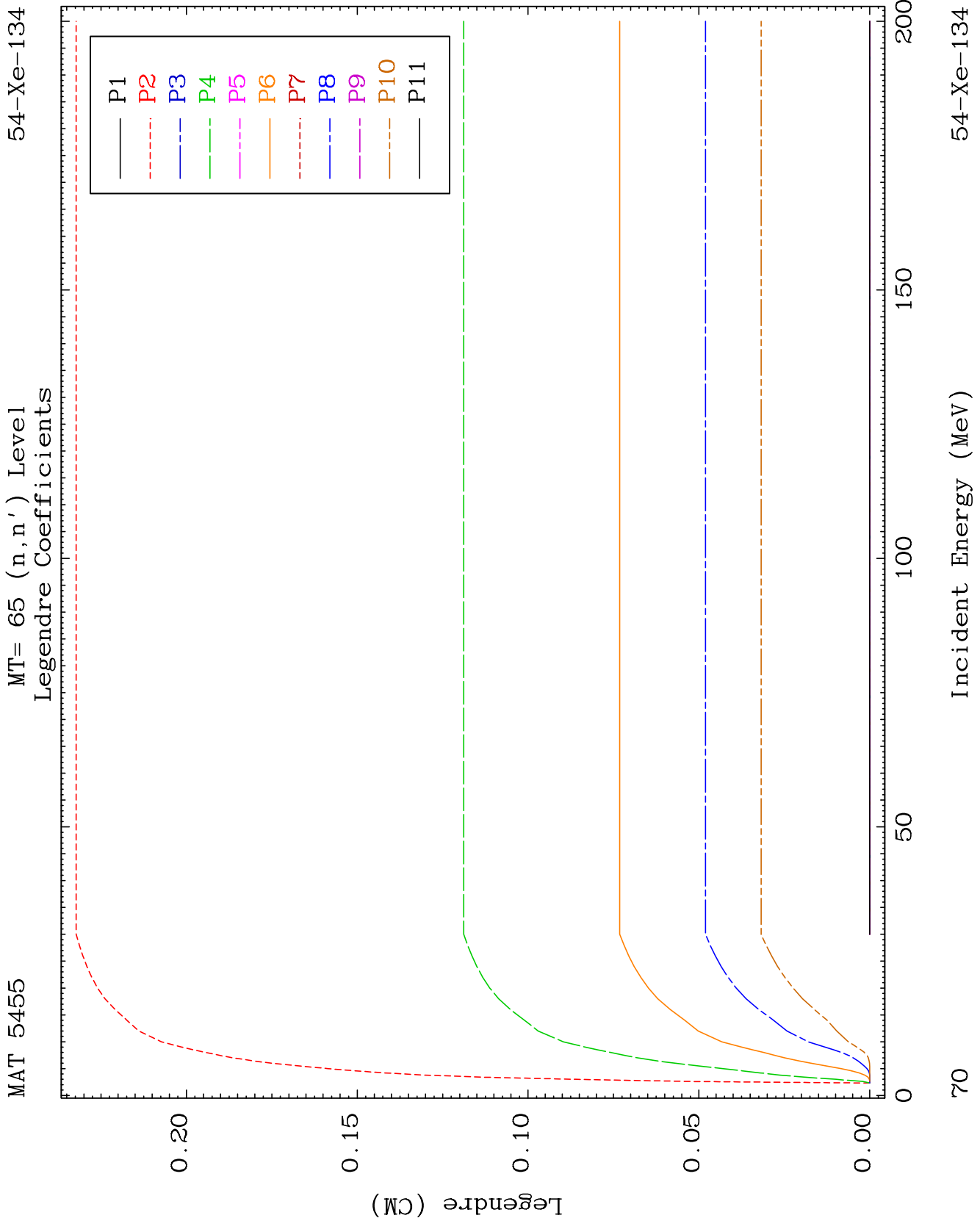
54-Xe-134



68

54-Xe-134

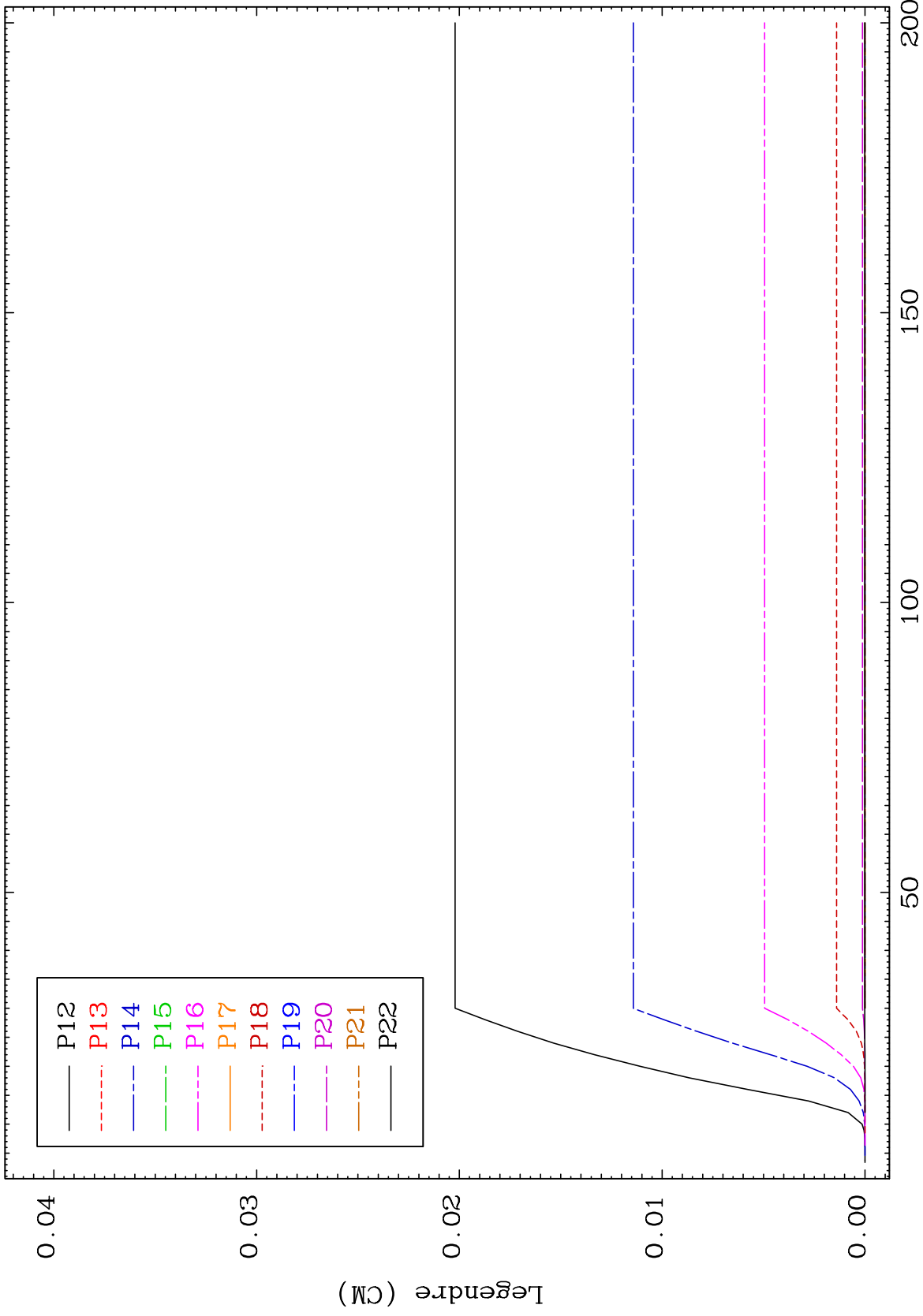




MAT 5455

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

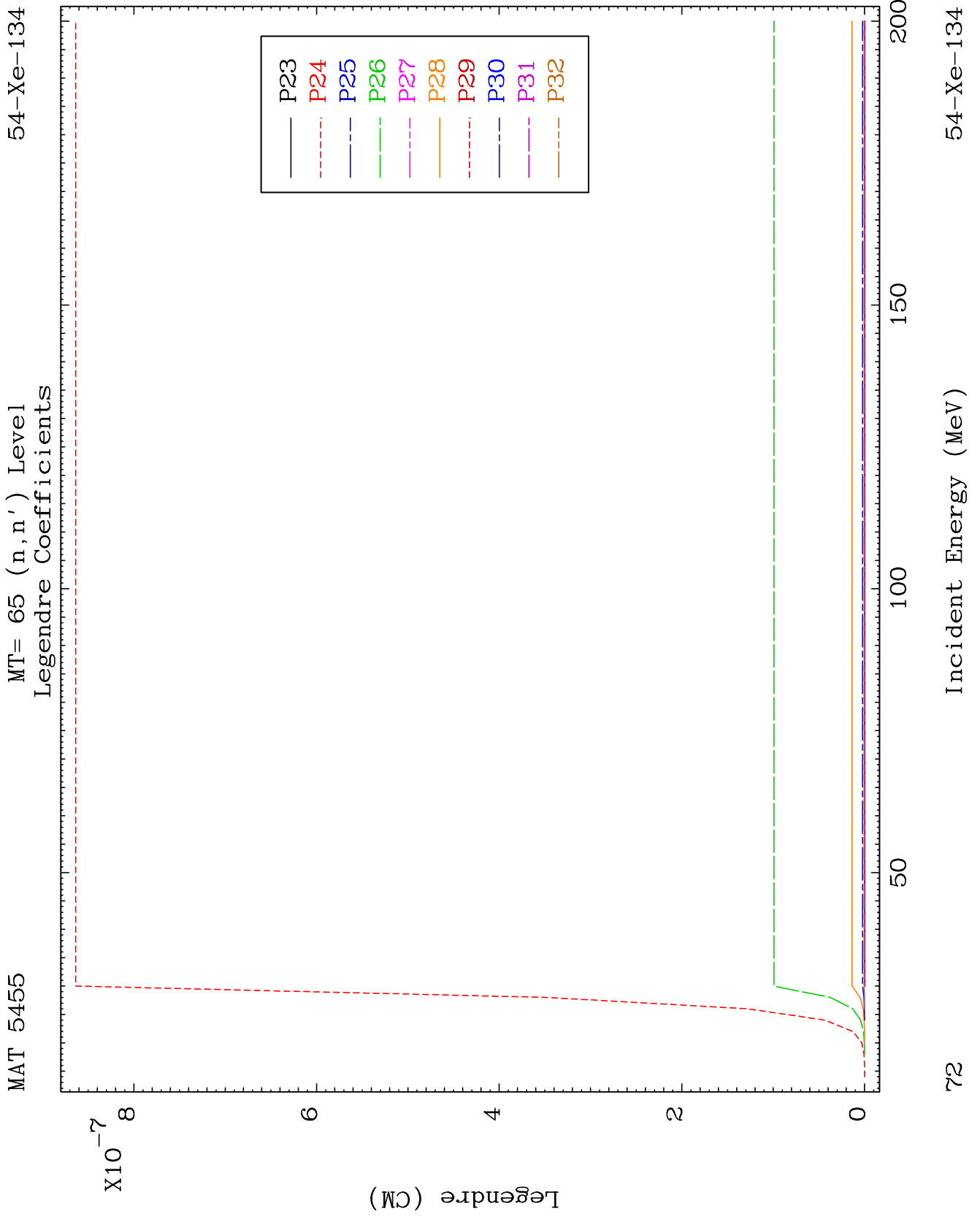
54-Xe-134

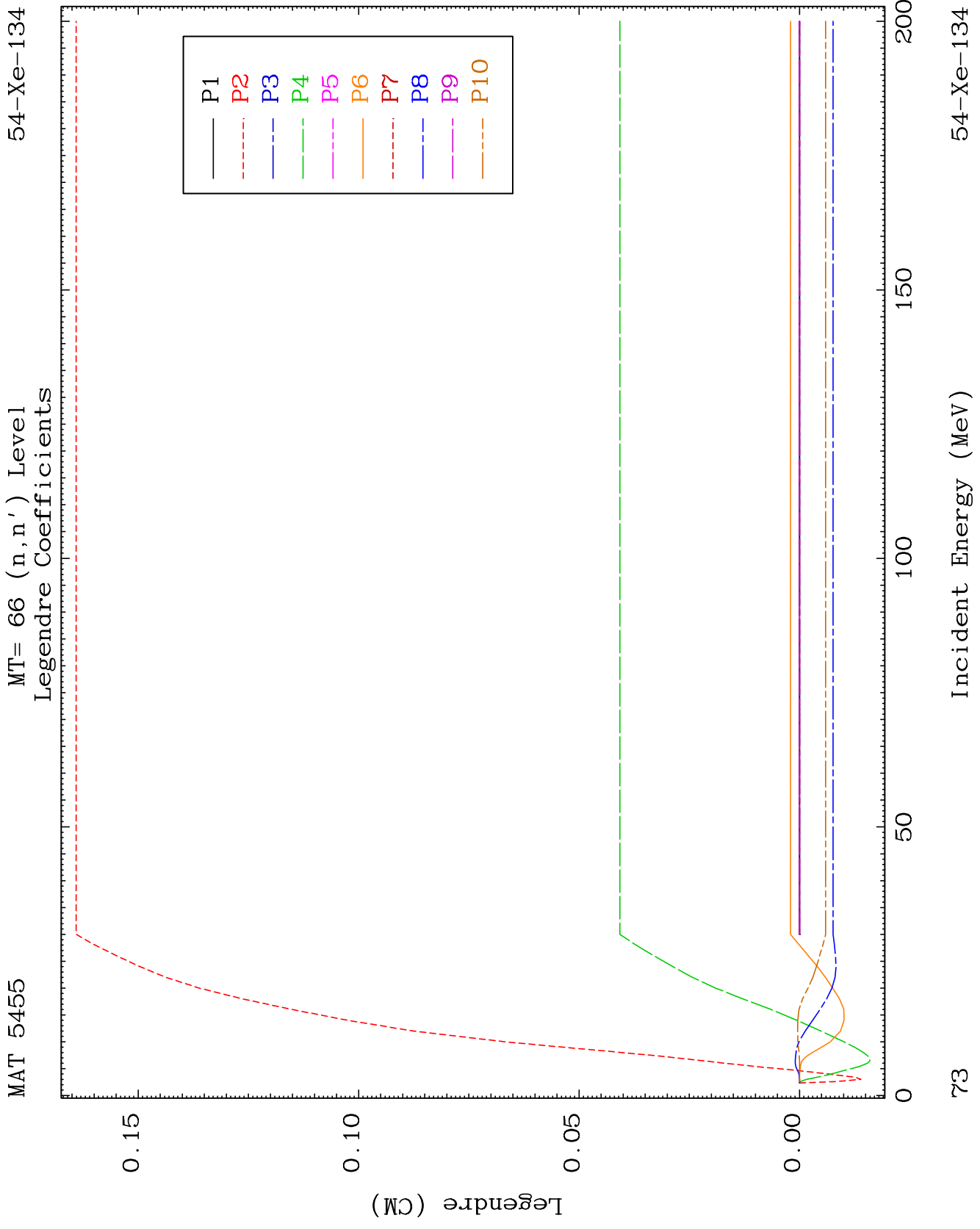


71

Incident Energy (MeV)

54-Xe-134



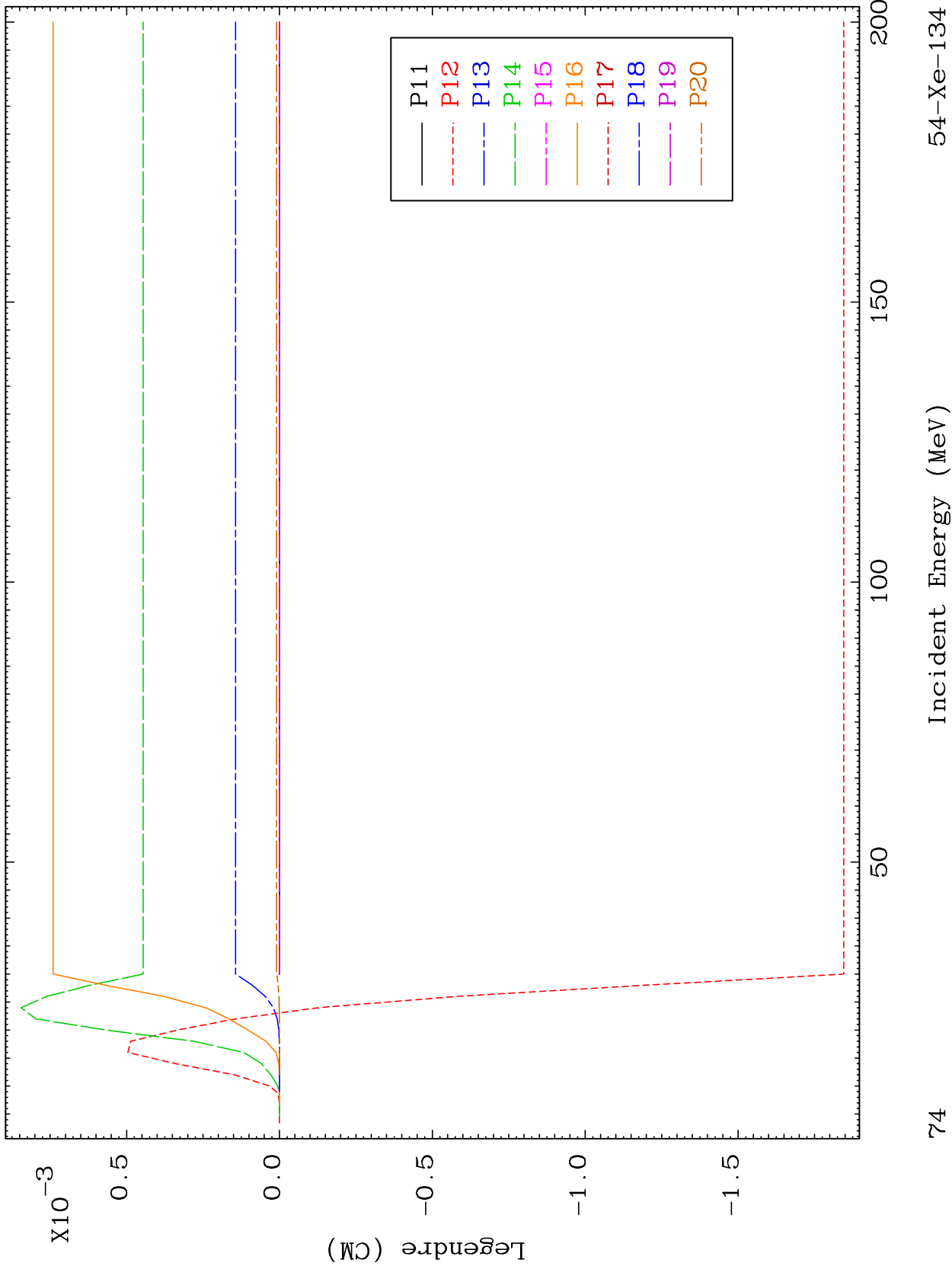


MAT 5455

MT= 66 (n,n') Level

54-Xe-134

Legendre Coefficients



74

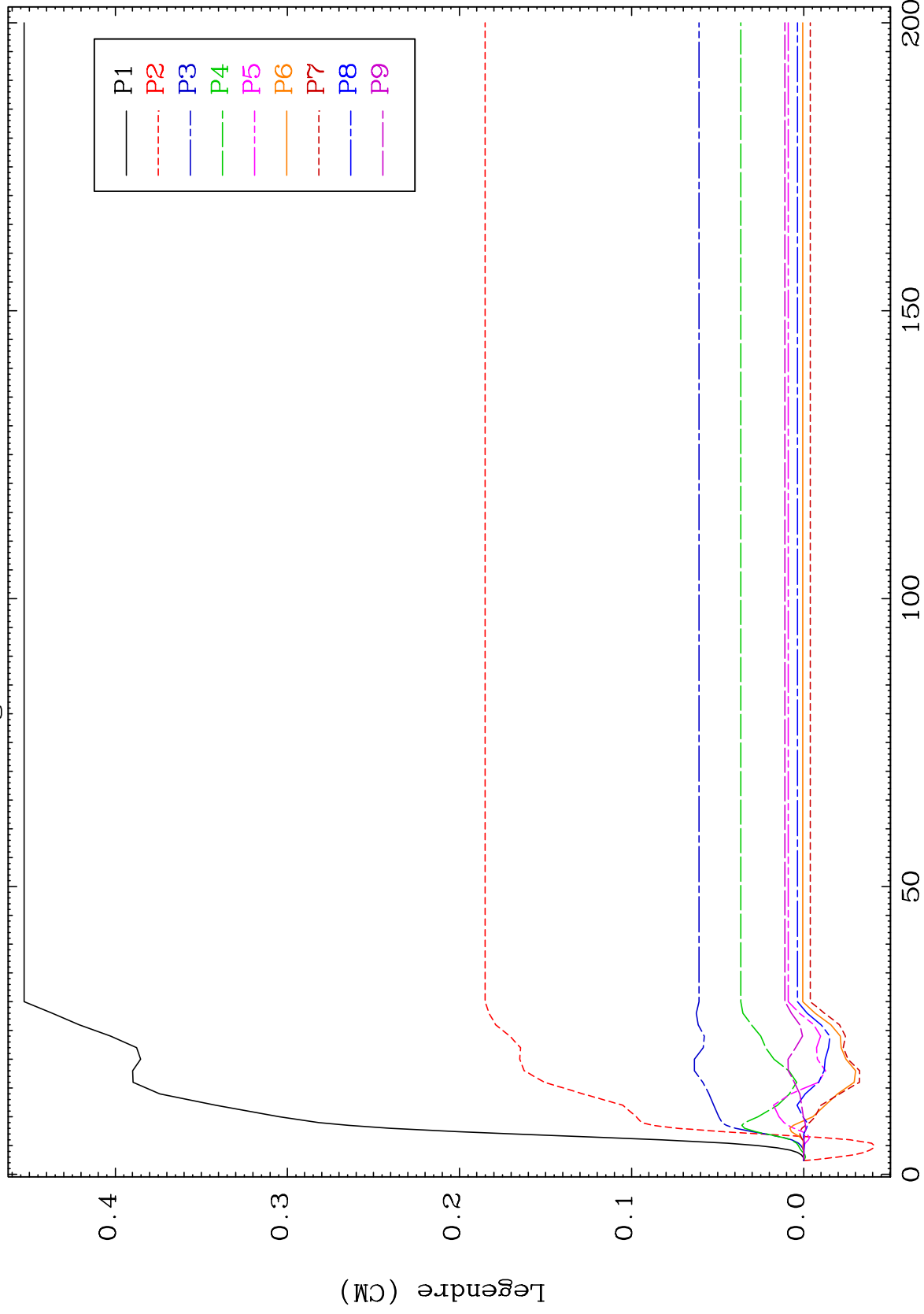
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



76

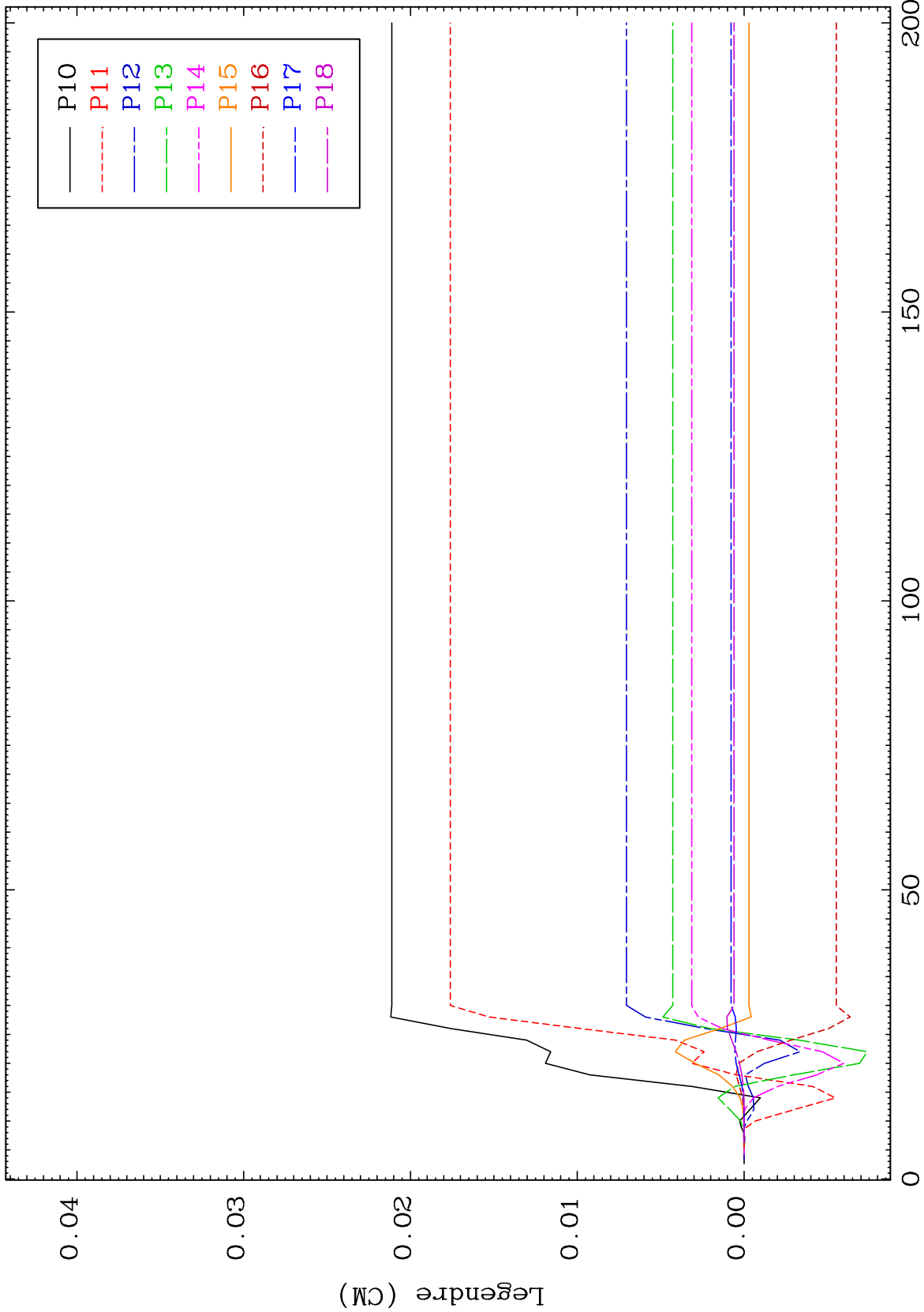
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



77

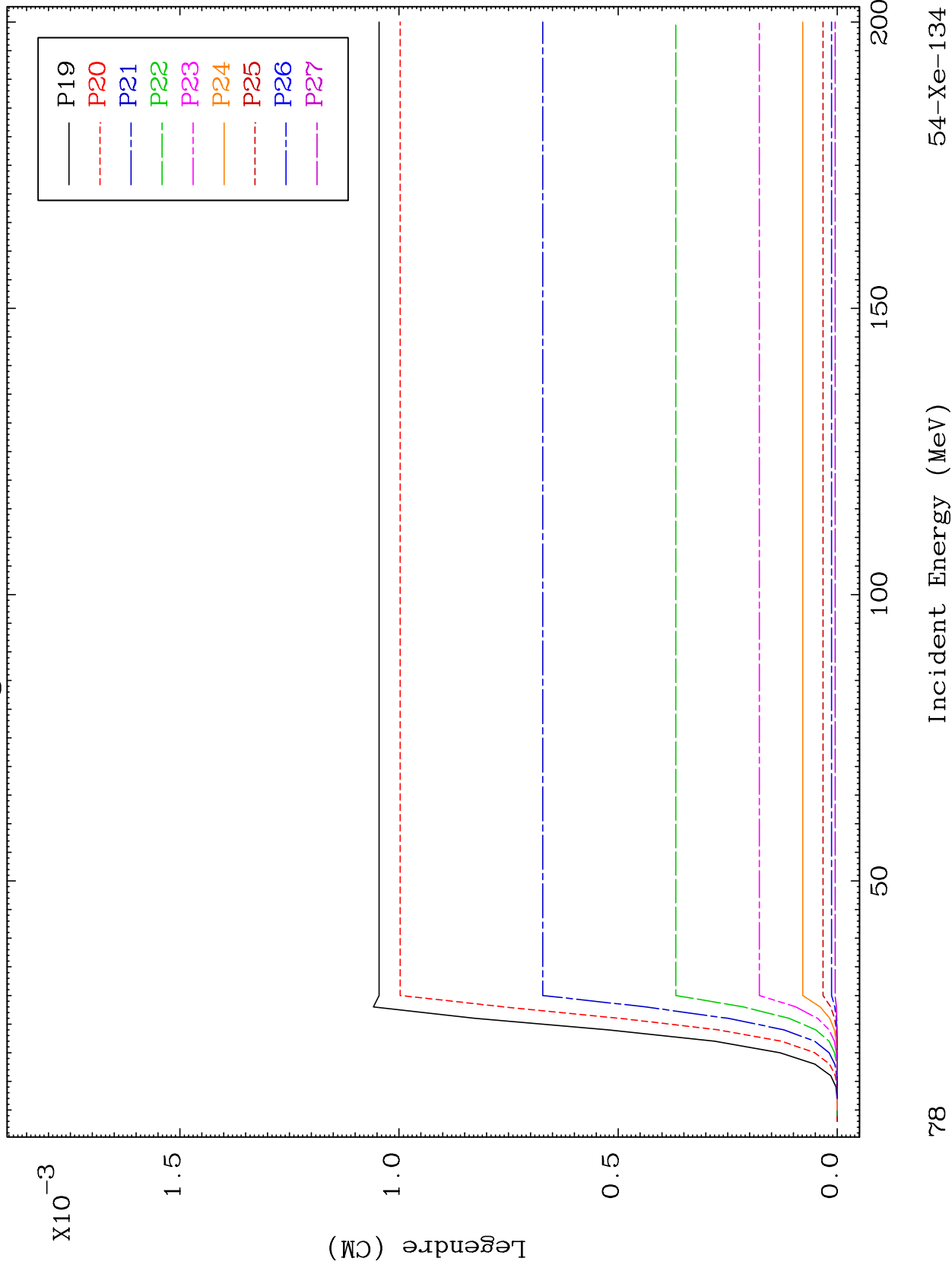
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



78

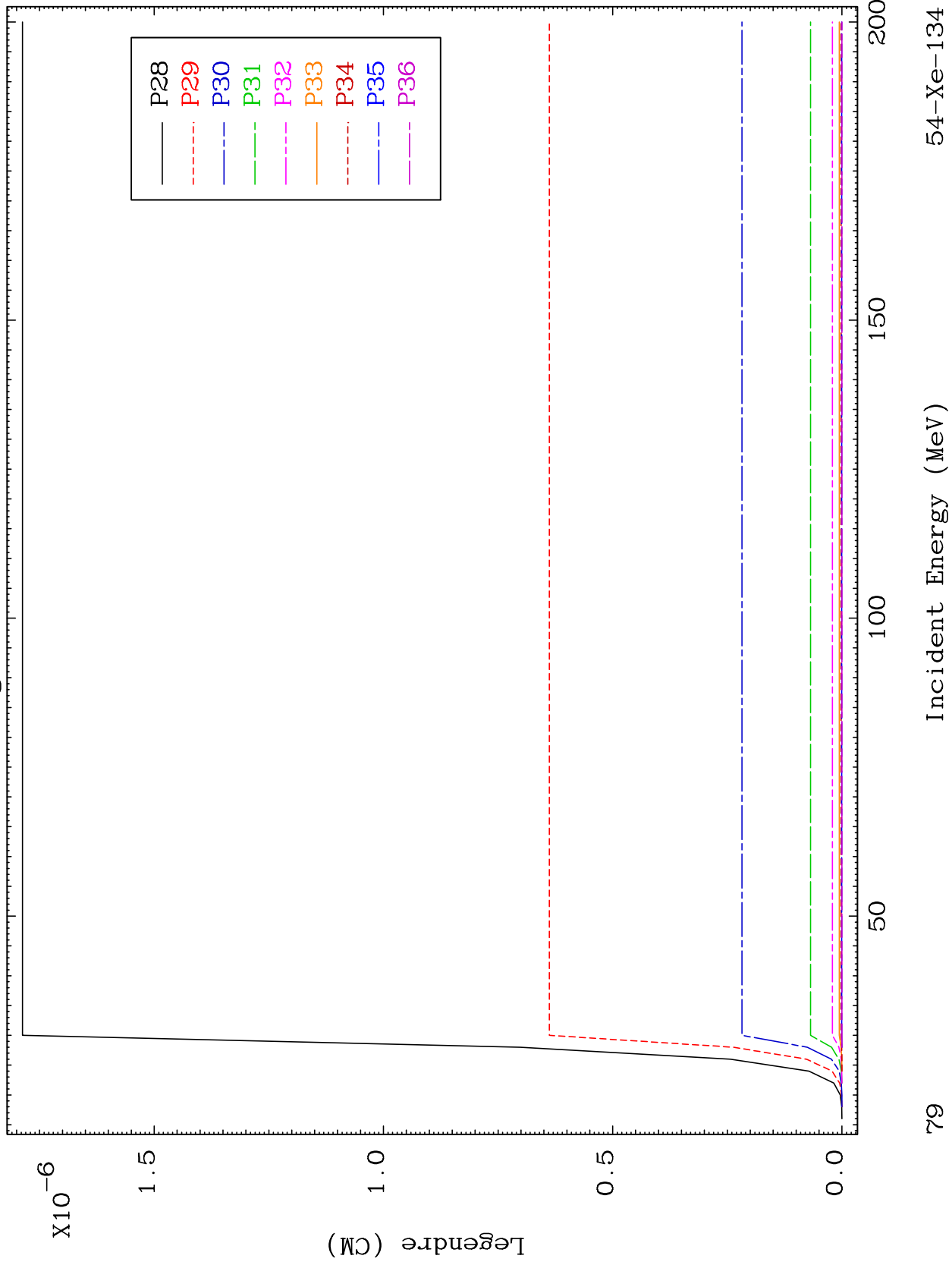
Incident Energy (MeV)

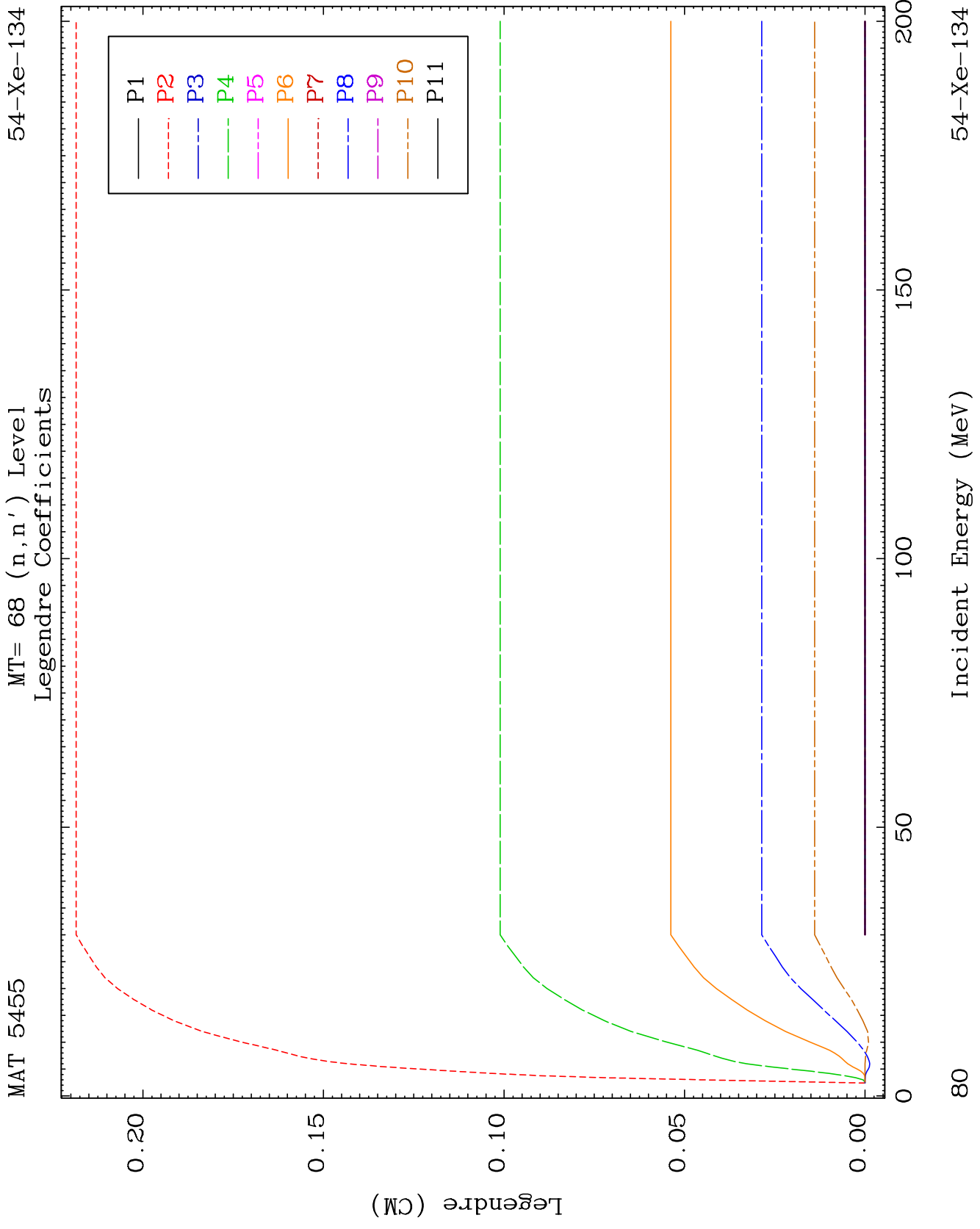
54-Xe-134

MAT 5455

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

54-Xe-134

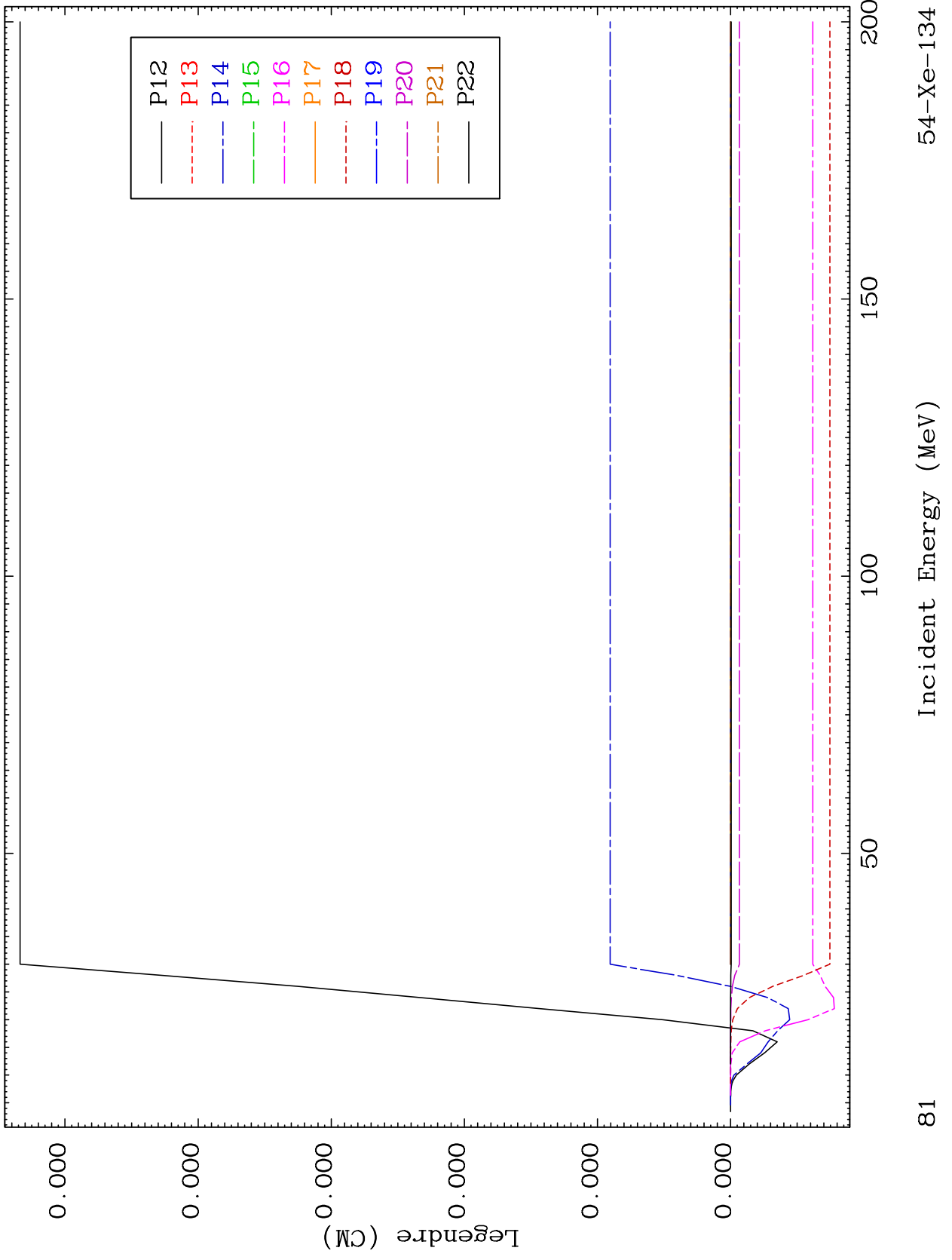


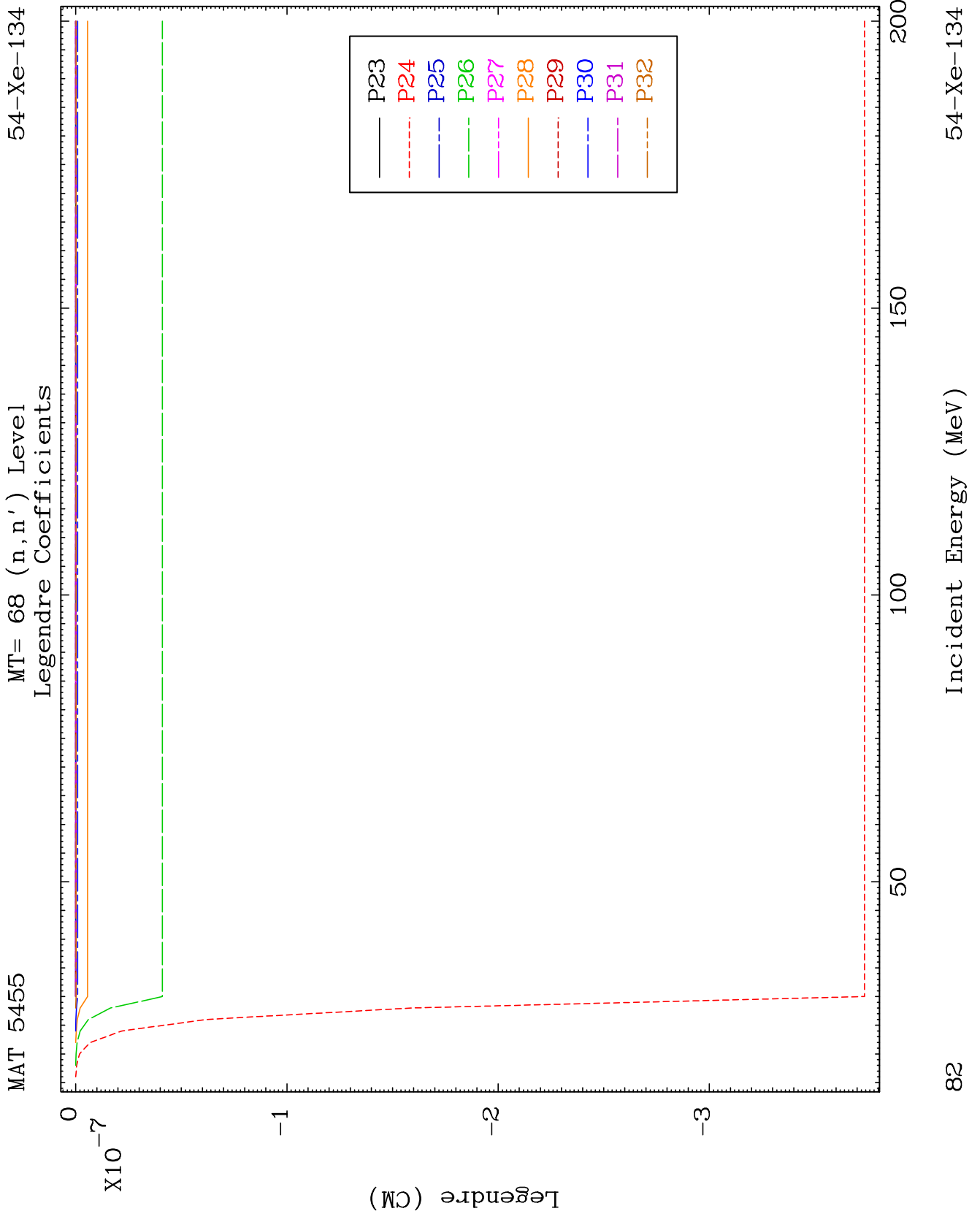


MAT 5455

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

54-Xe-134

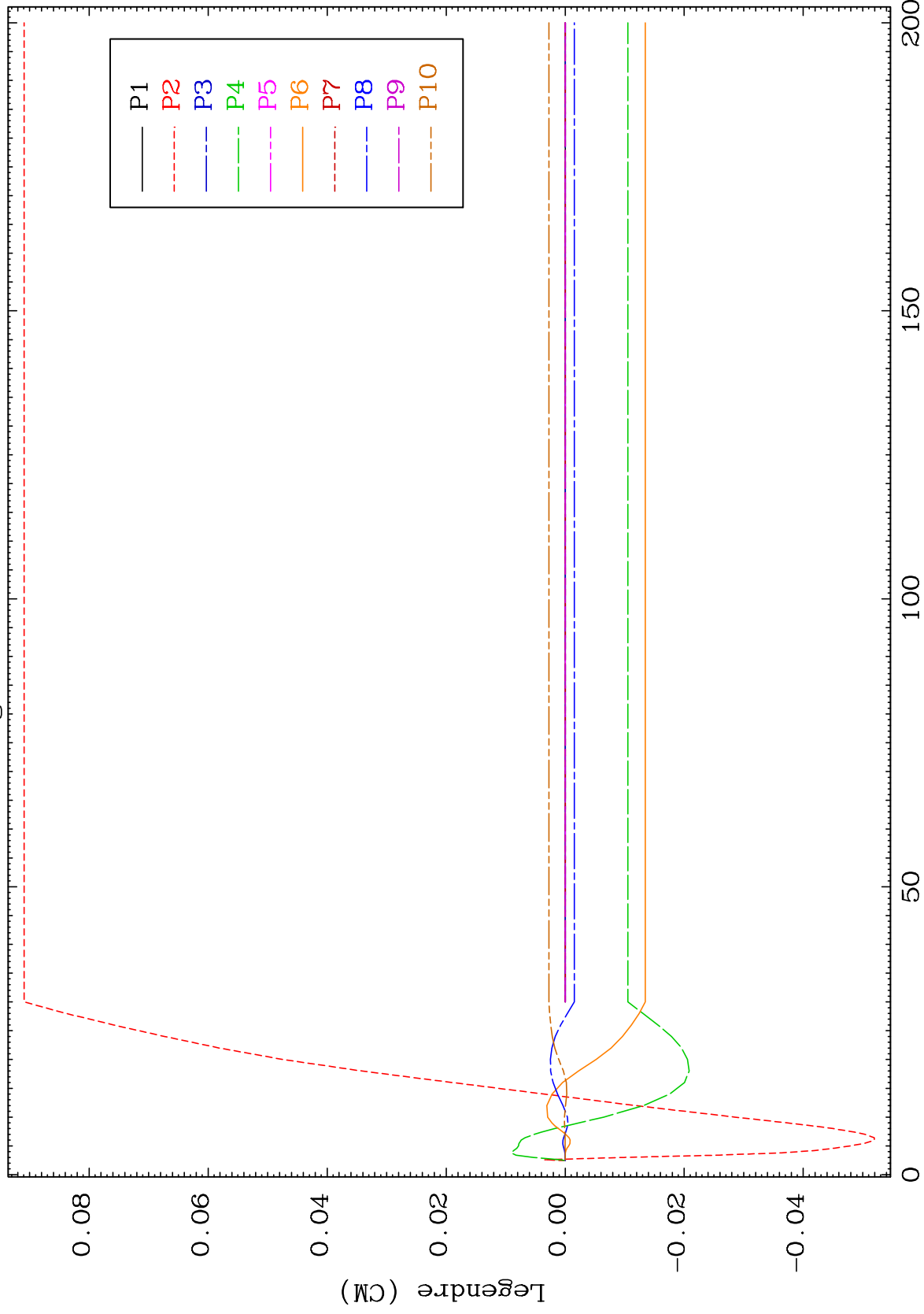




MAT 5455

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

54-Xe-134



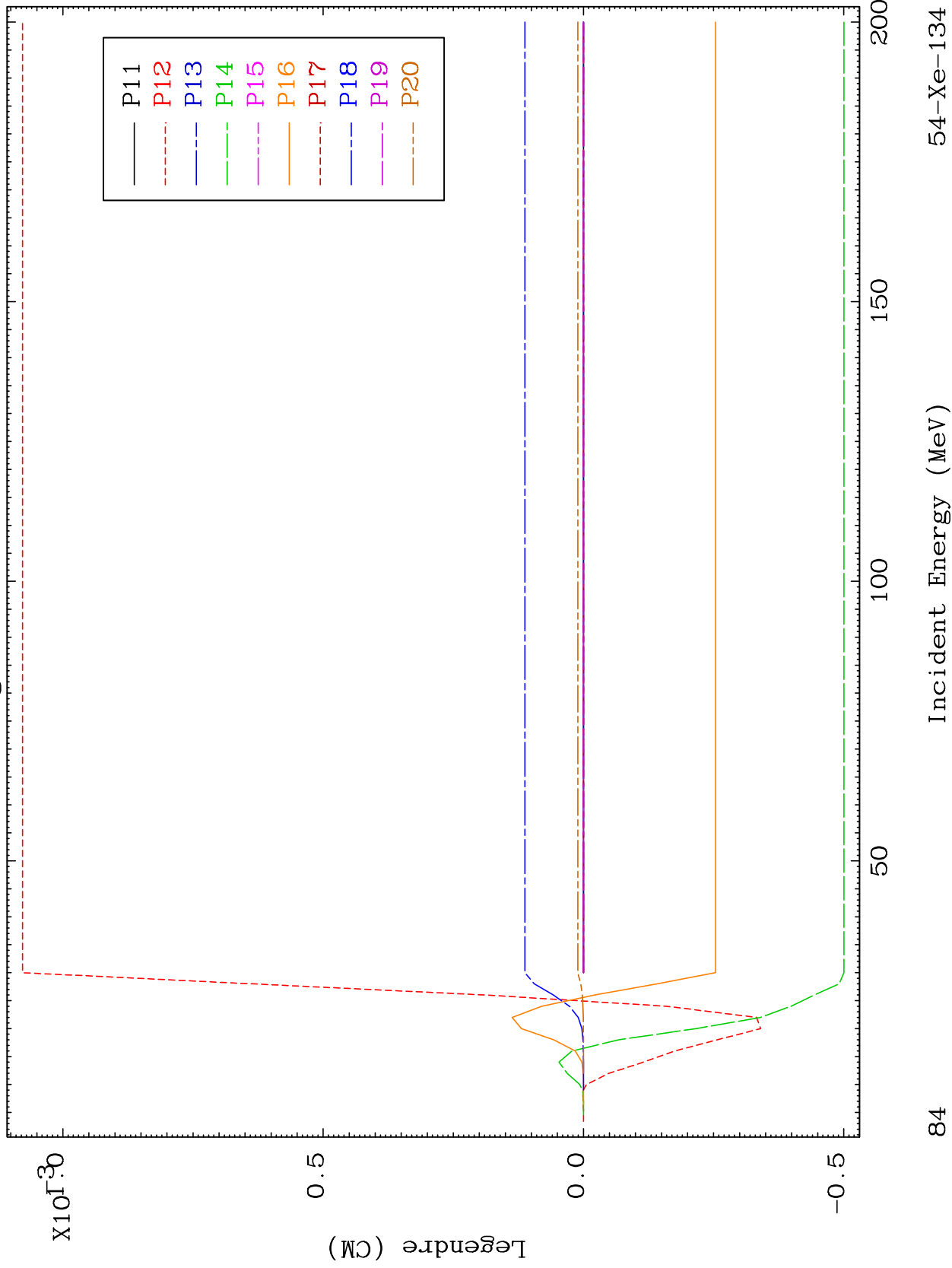
83

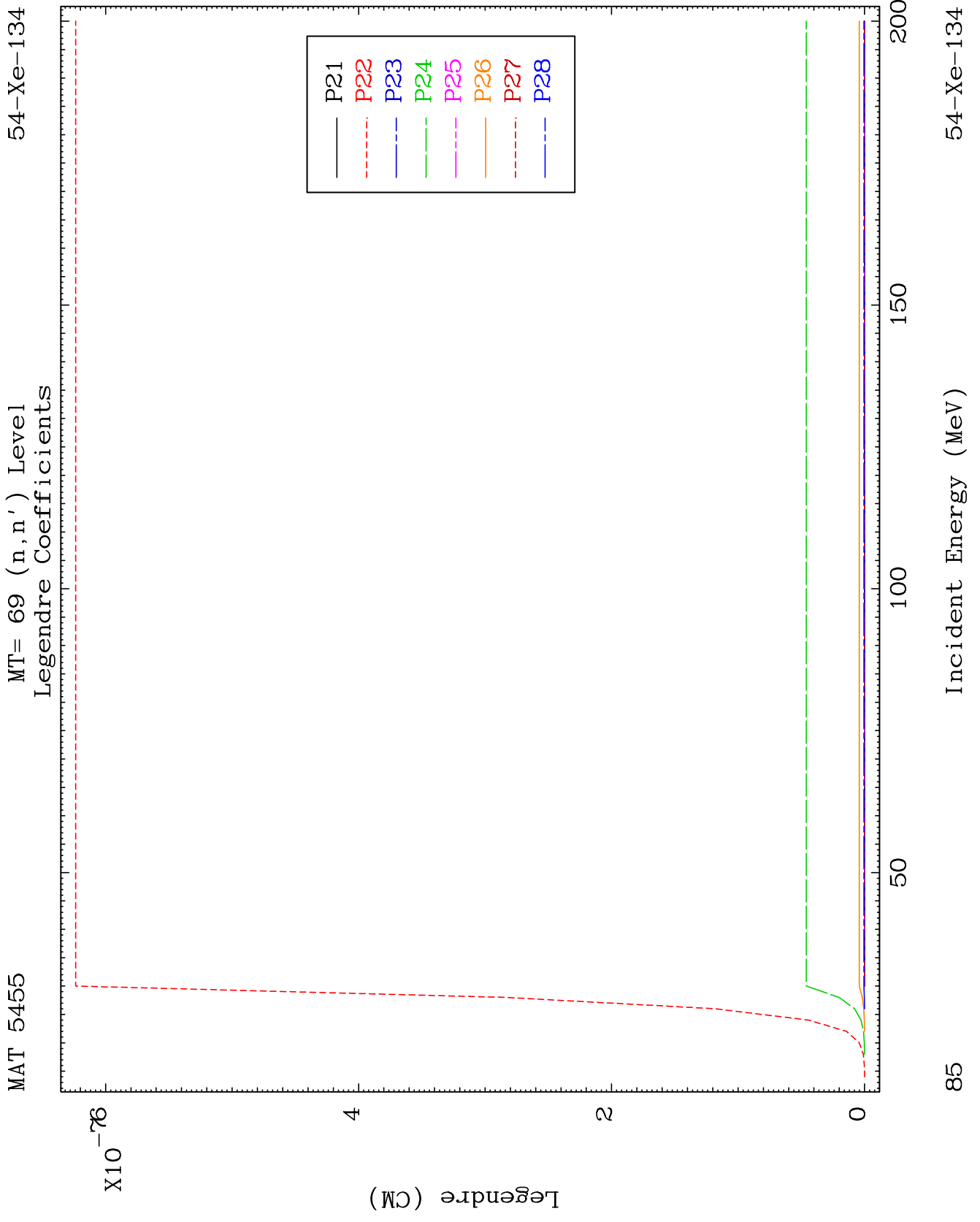
54-Xe-134

MAT 5455

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

54-Xe-134

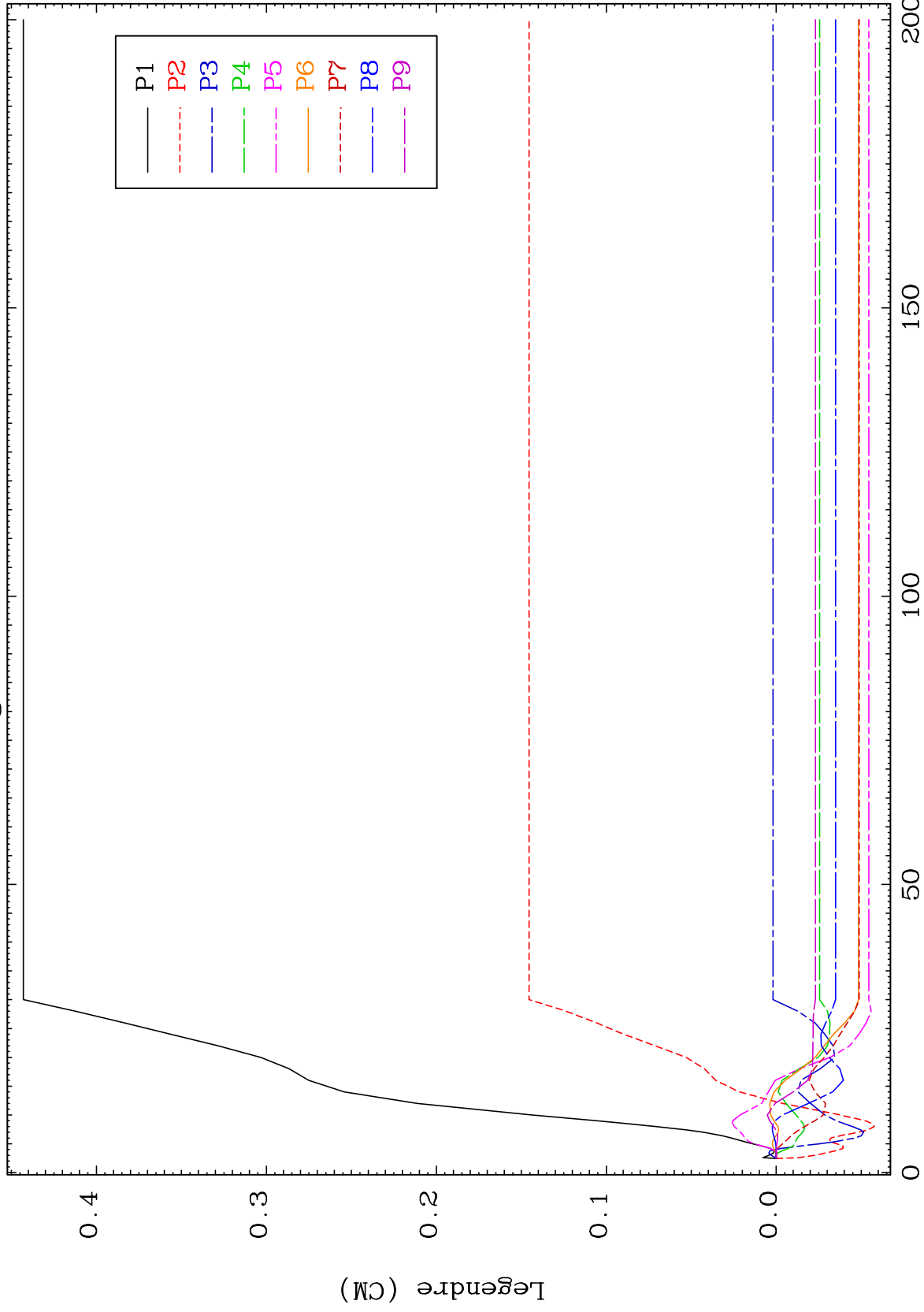




MAT 5455

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

54-Xe-134



86

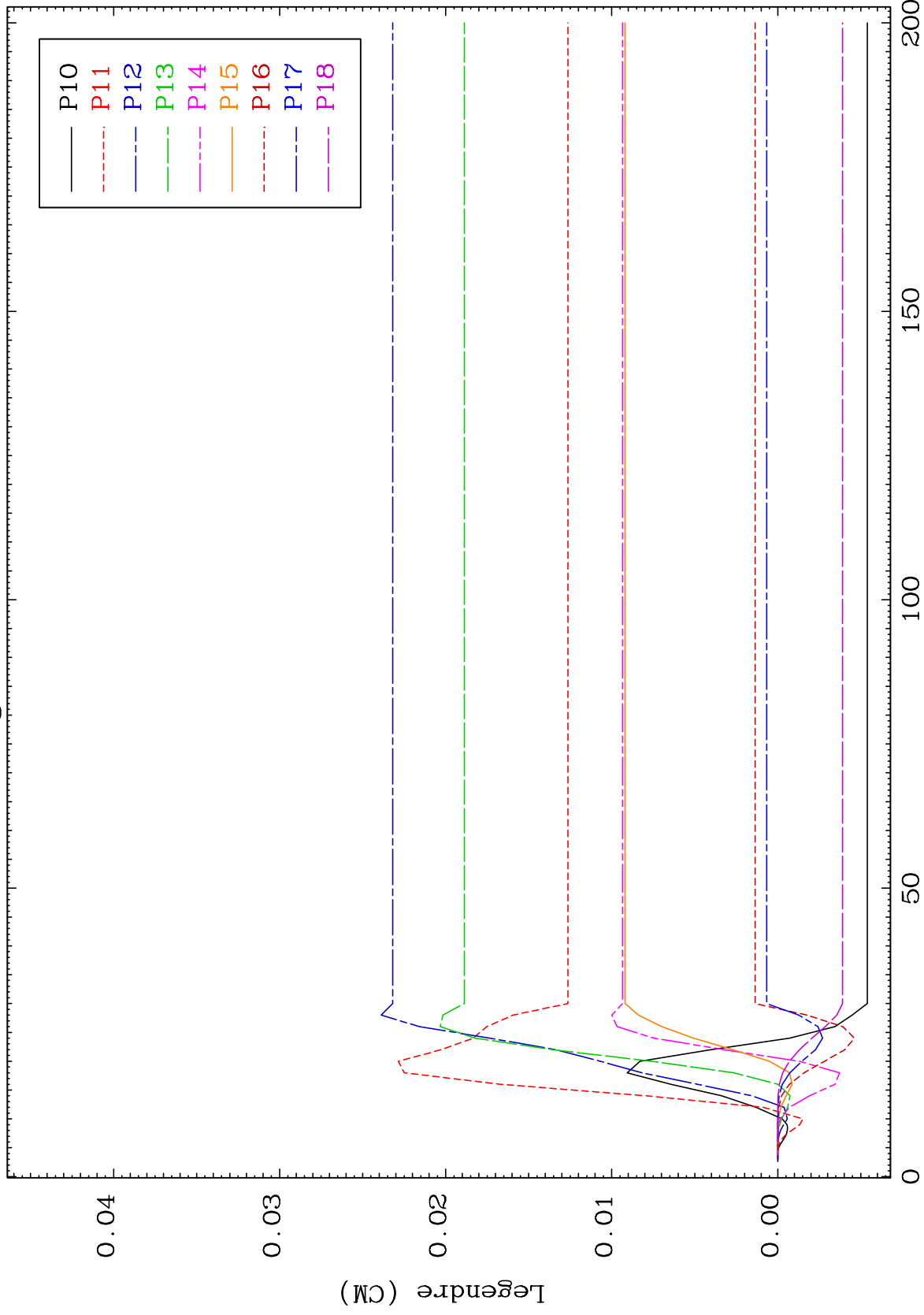
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



87

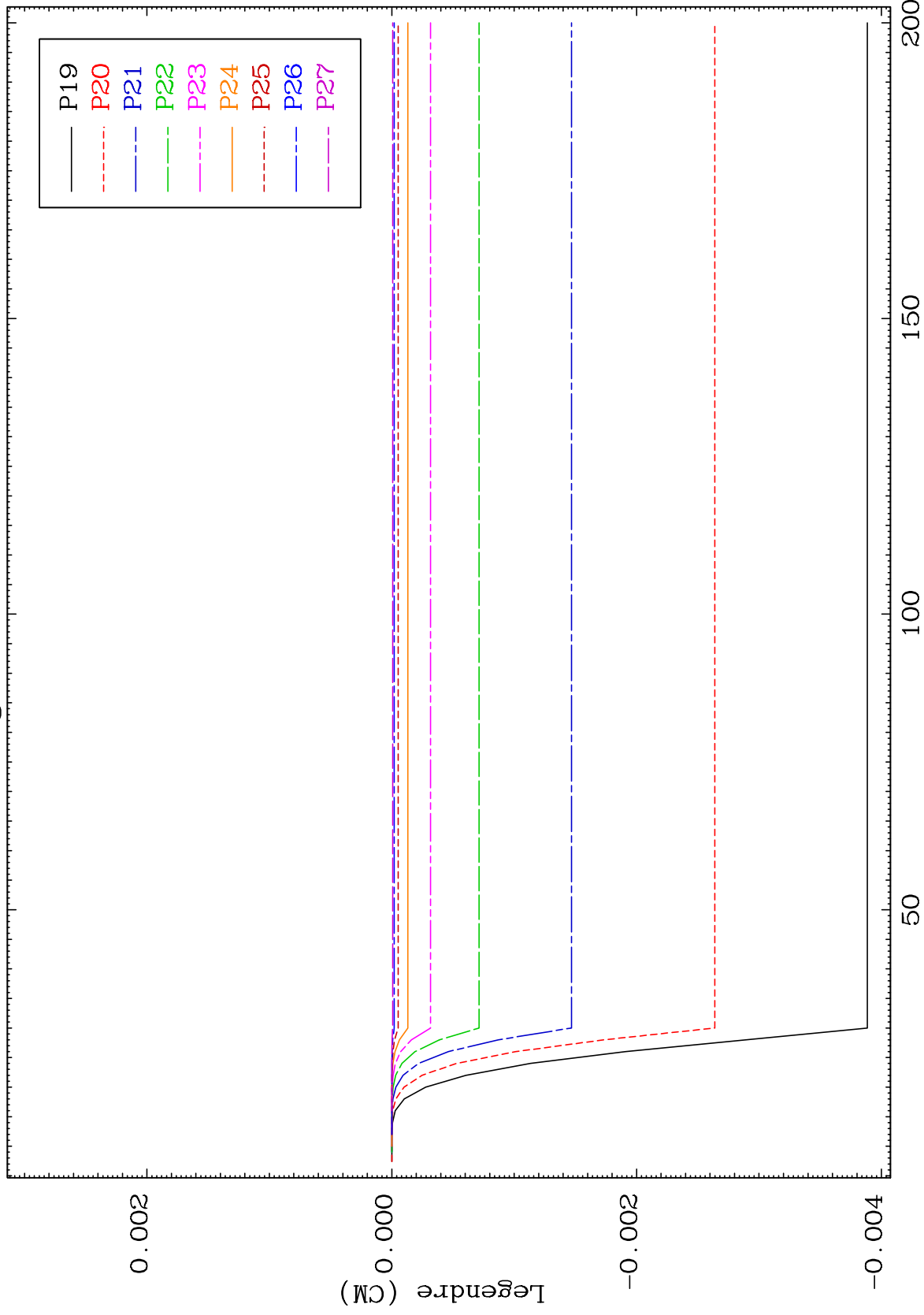
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



88

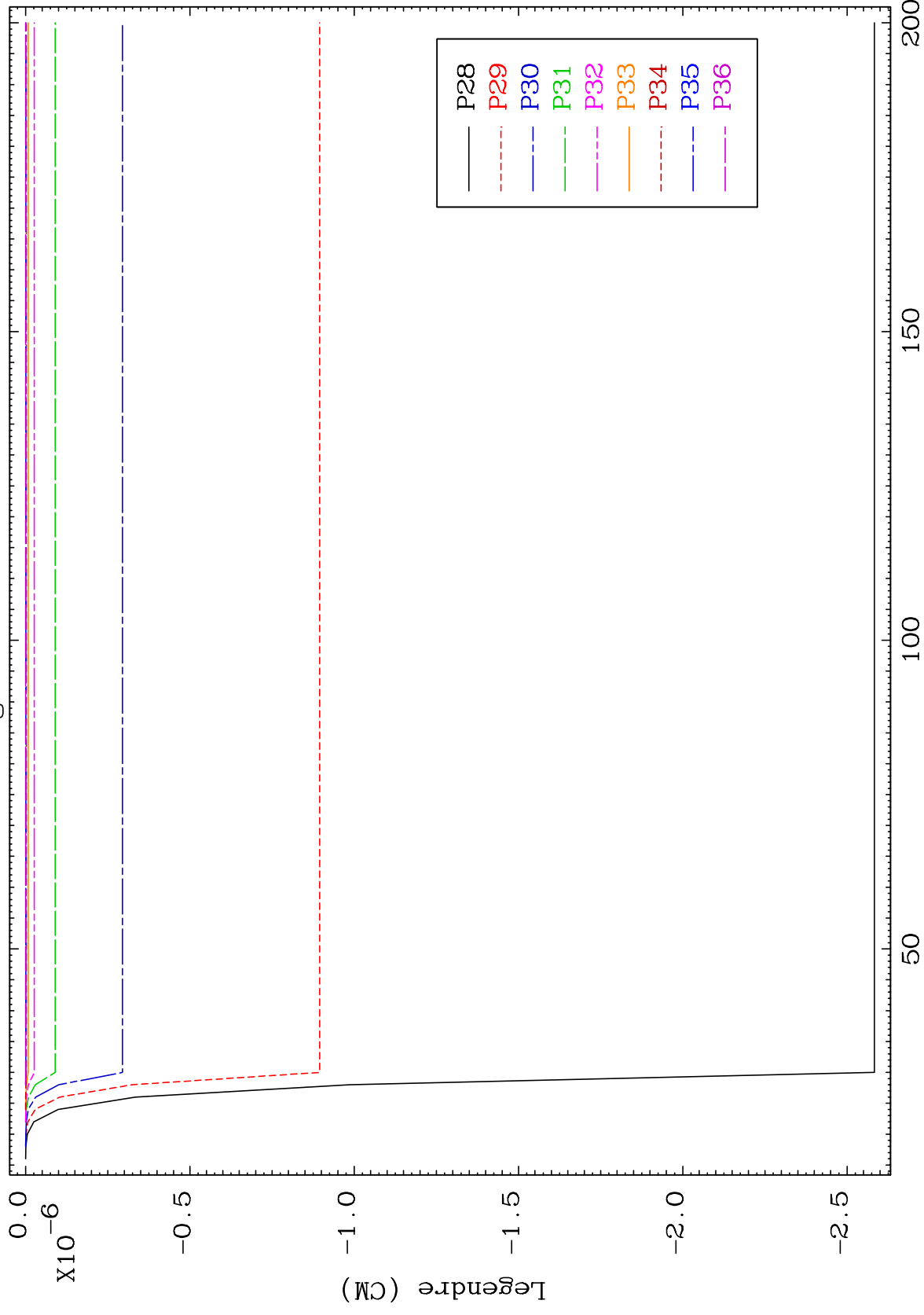
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

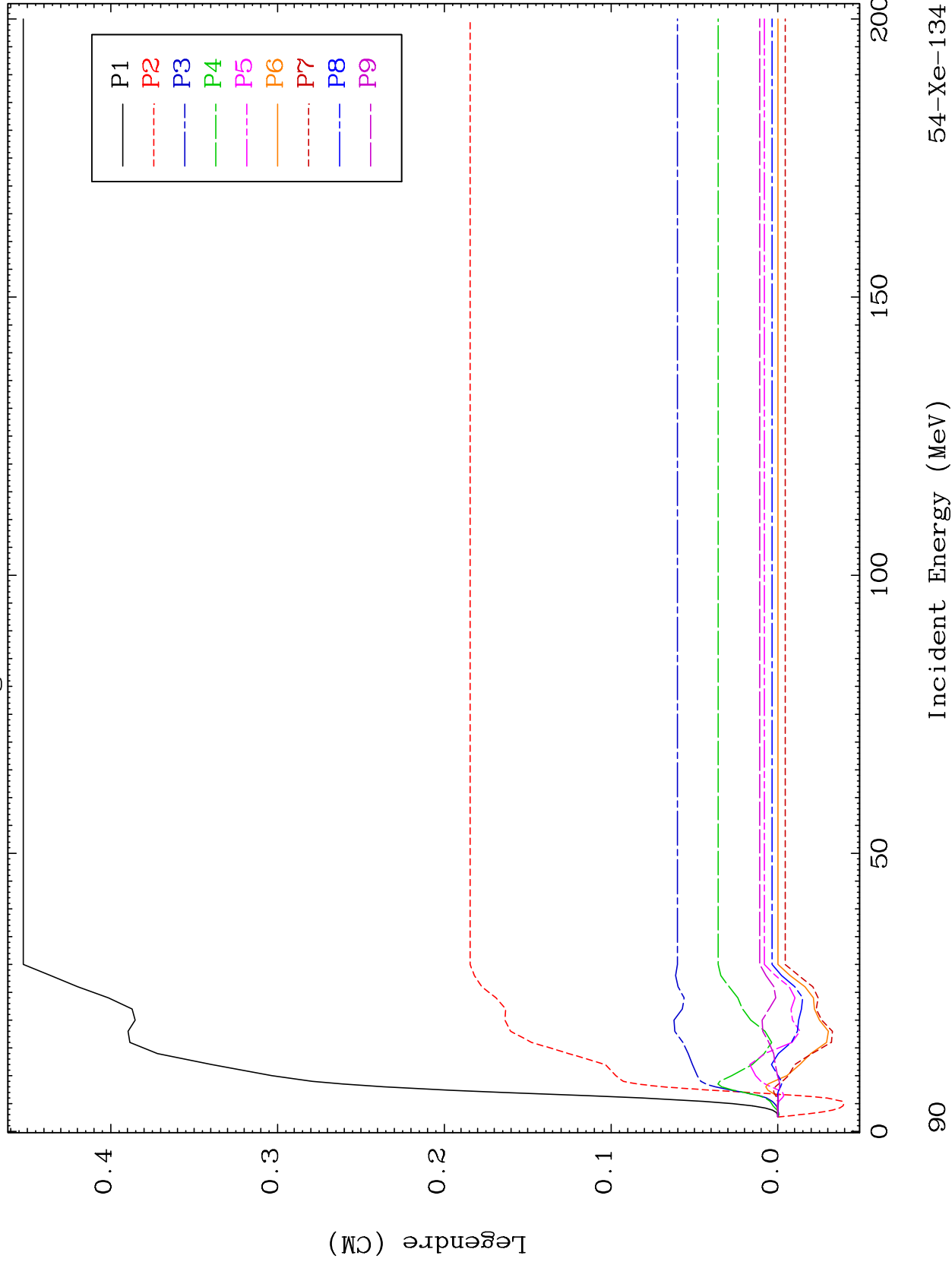
54-Xe-134



MAT 5455

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

54-Xe-134



54-Xe-134

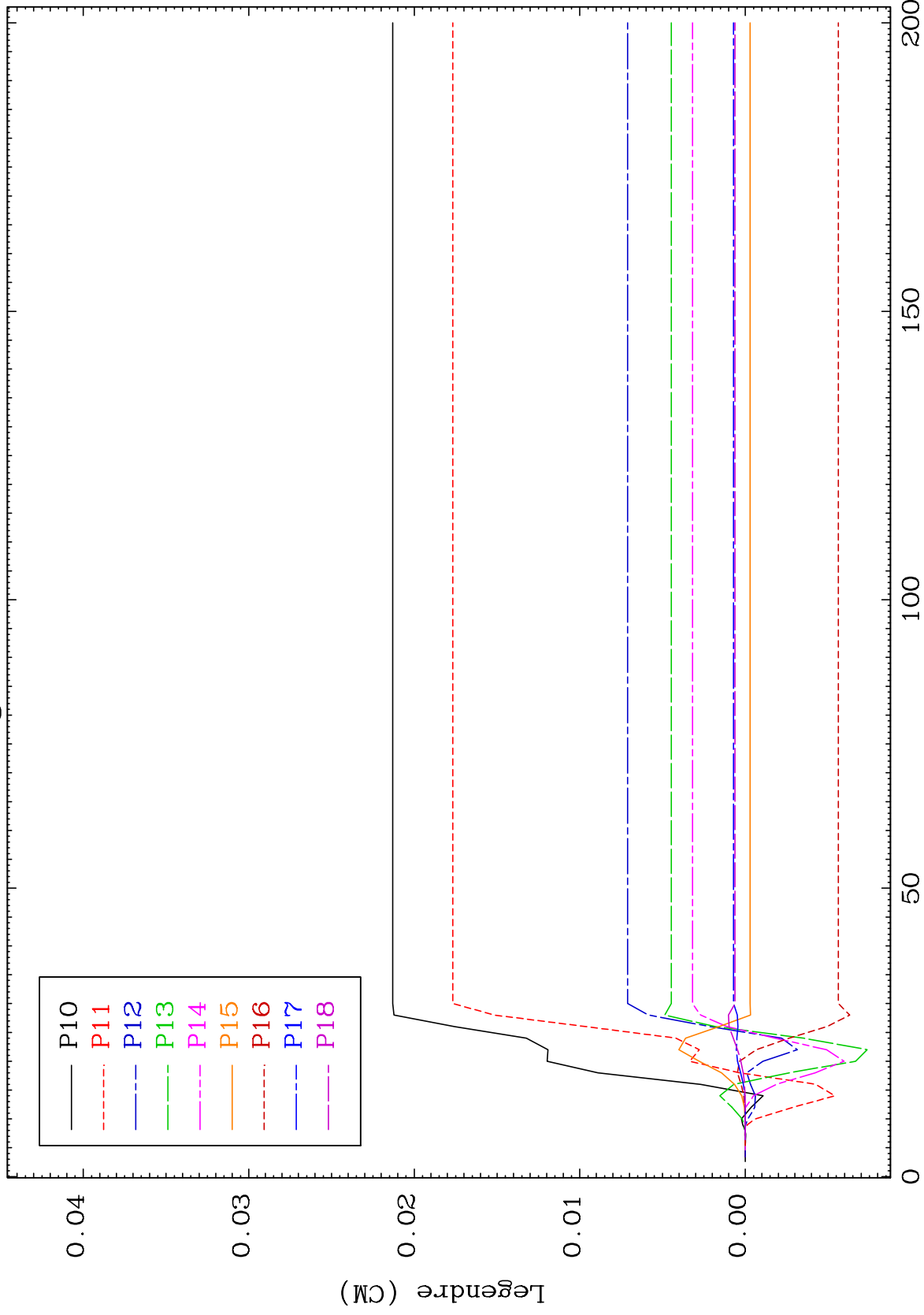
Incident Energy (MeV)

90

MAT 5455

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

54-Xe-134



91

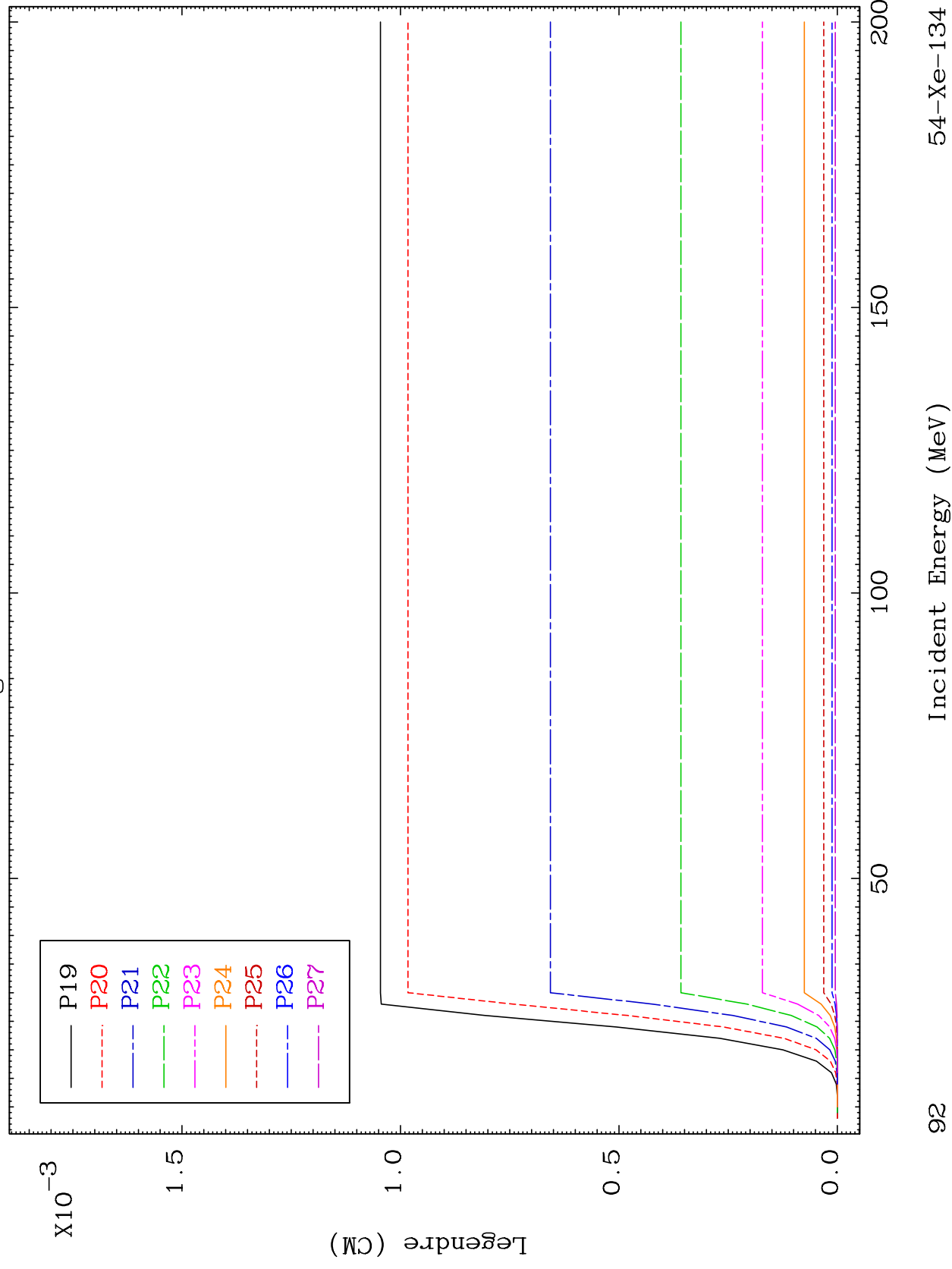
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

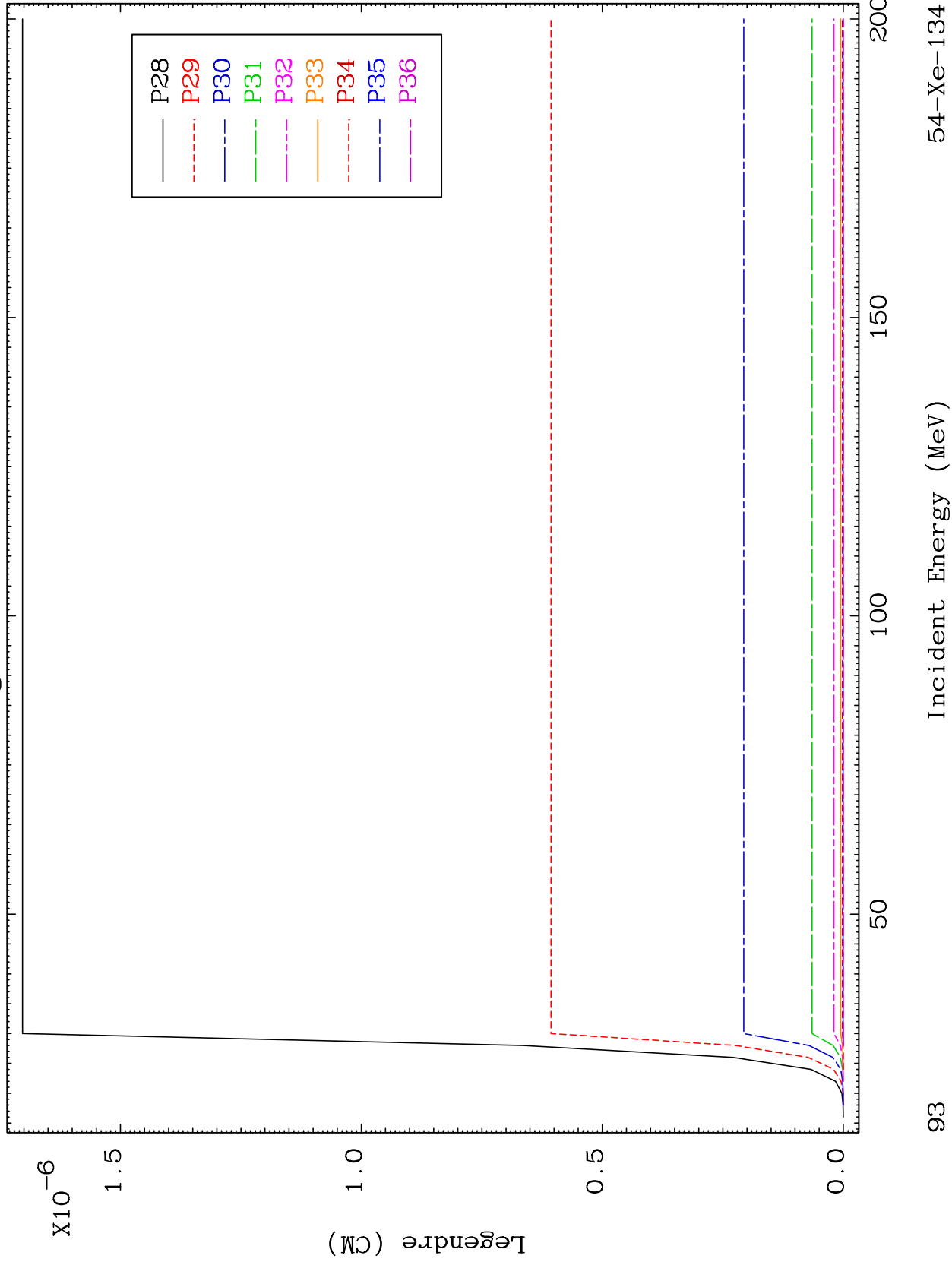
54-Xe-134



MAT 5455

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

54-Xe-134



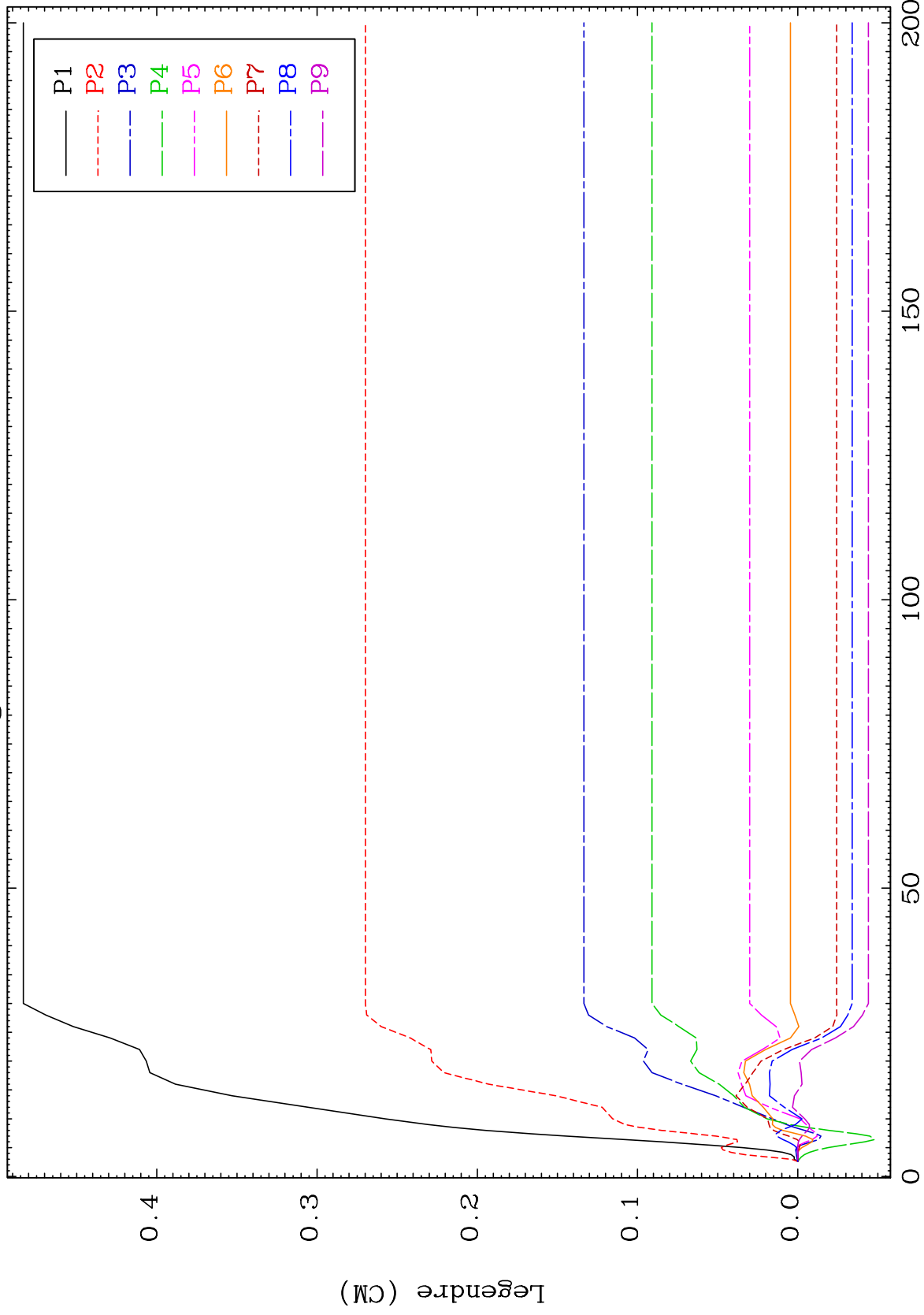
93

54-Xe-134

MAT 5455

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

54-Xe-134



94

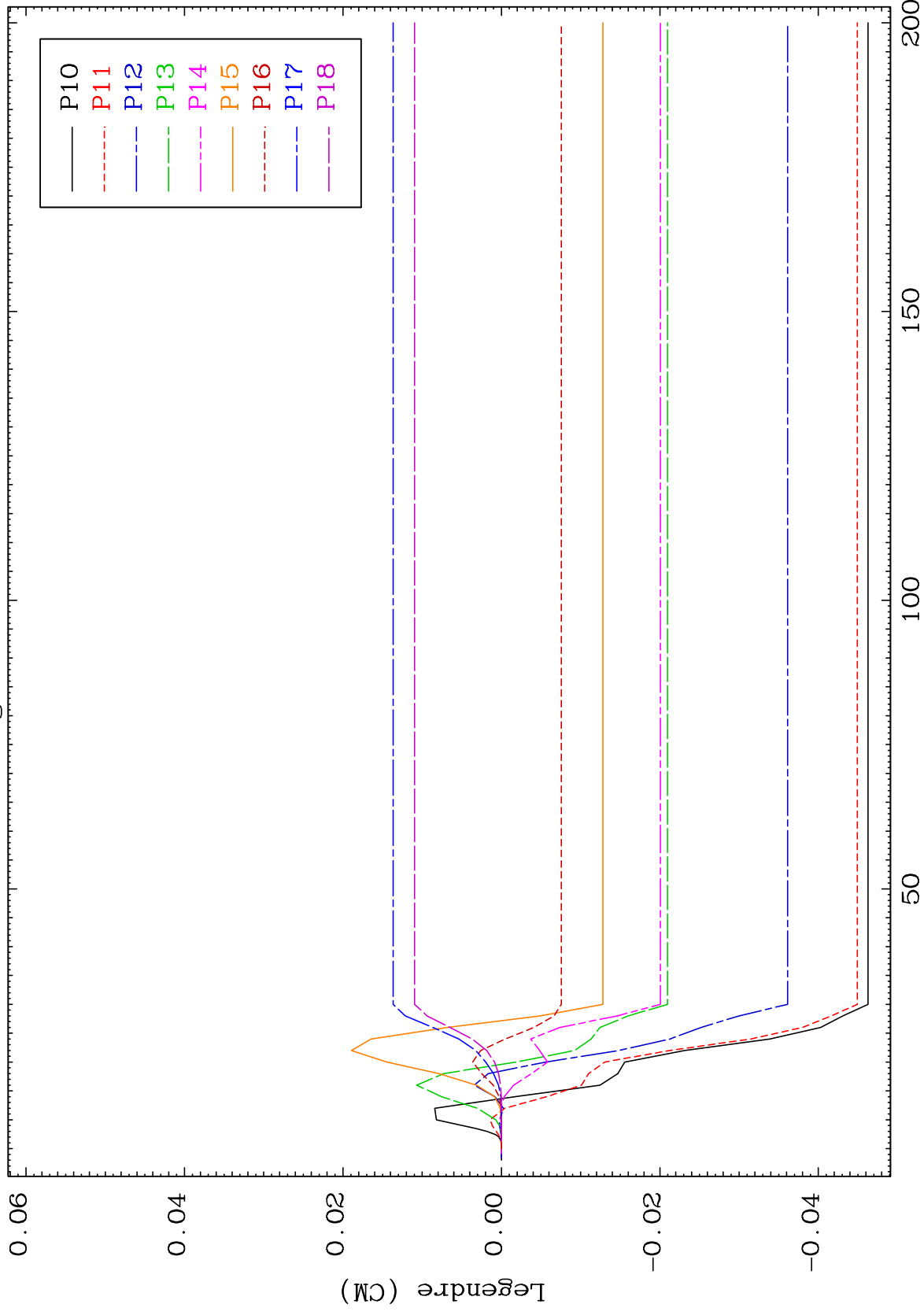
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



95

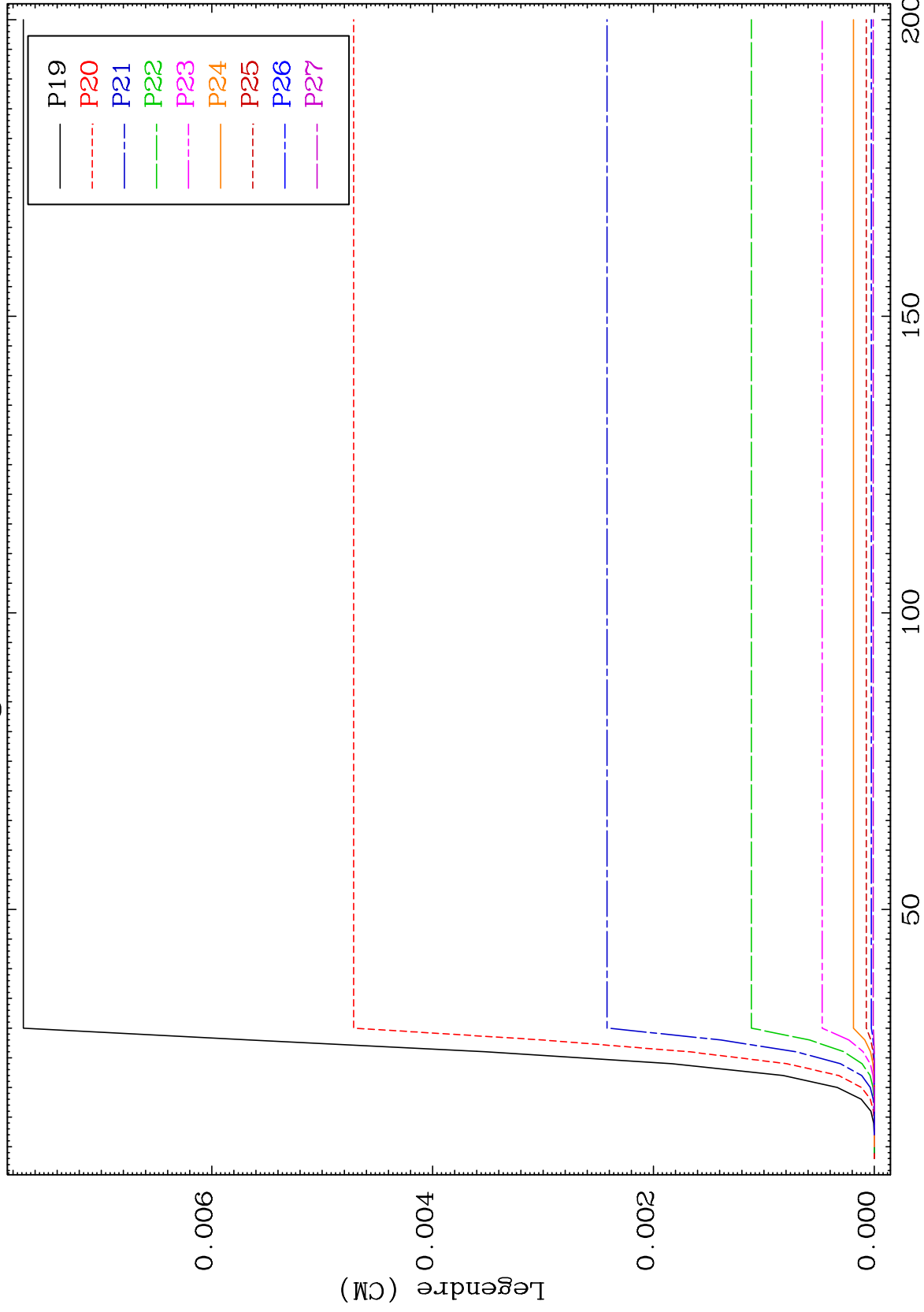
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



96

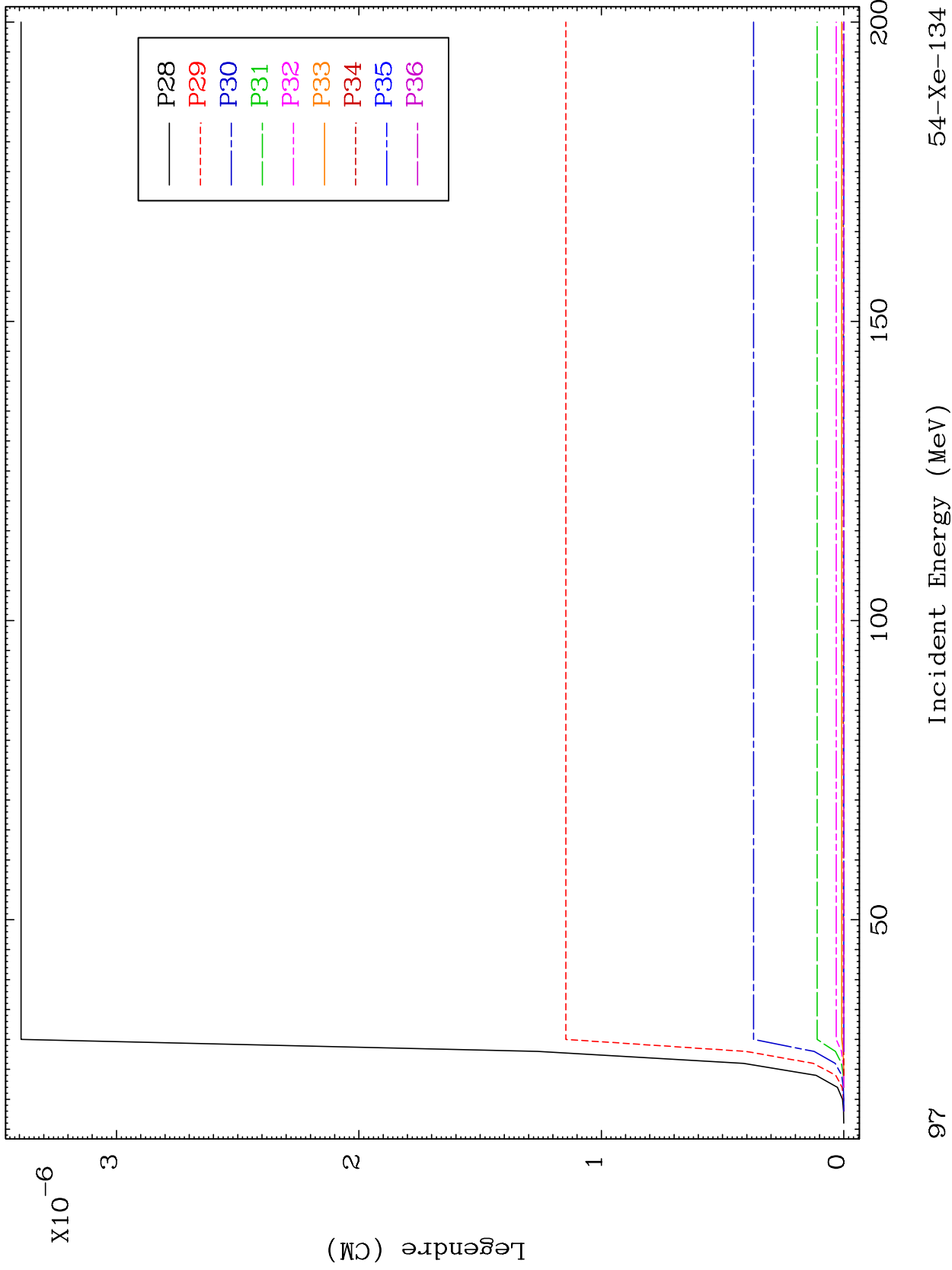
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

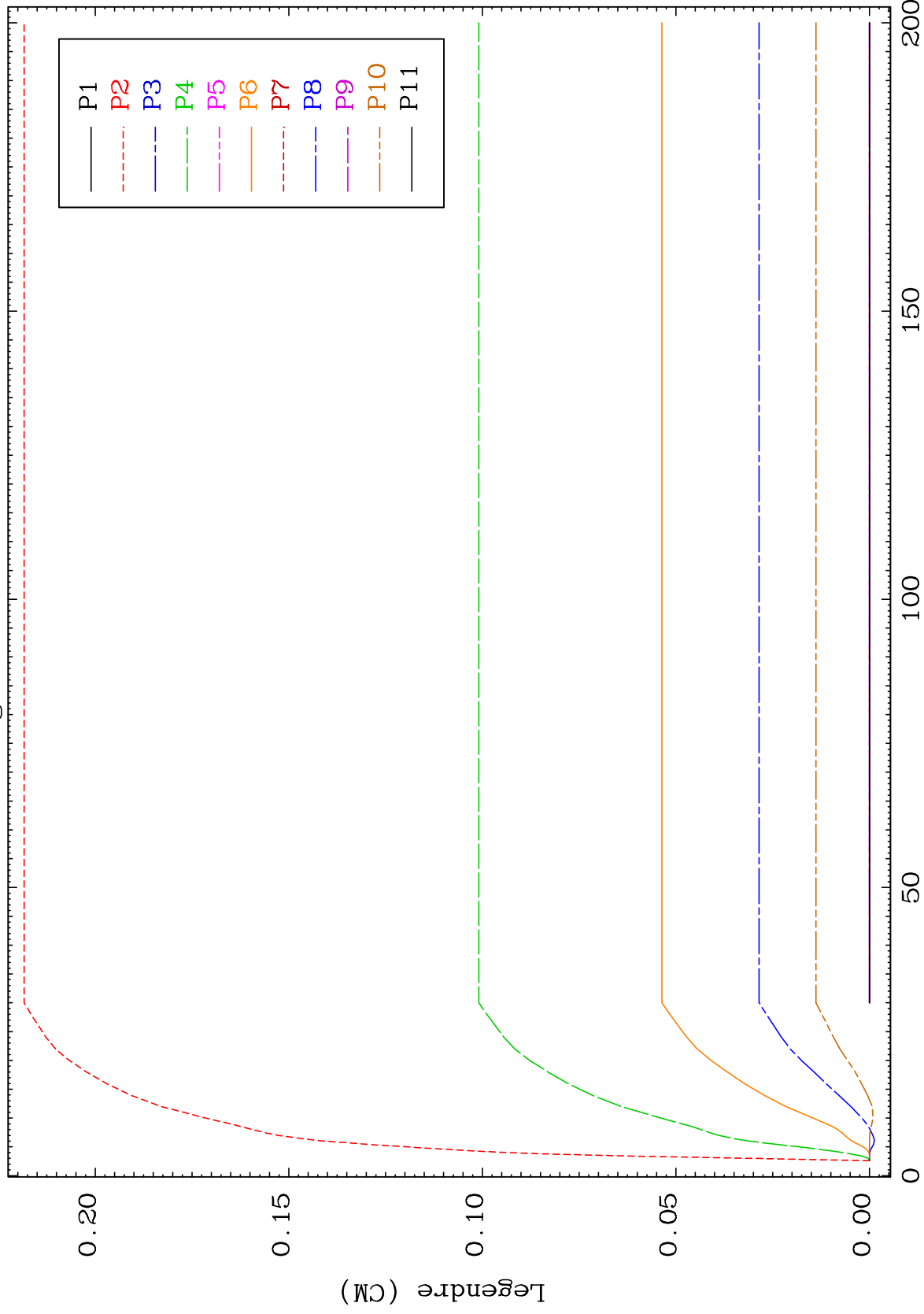
54-Xe-134



MAT 5455

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

54-Xe-134



98

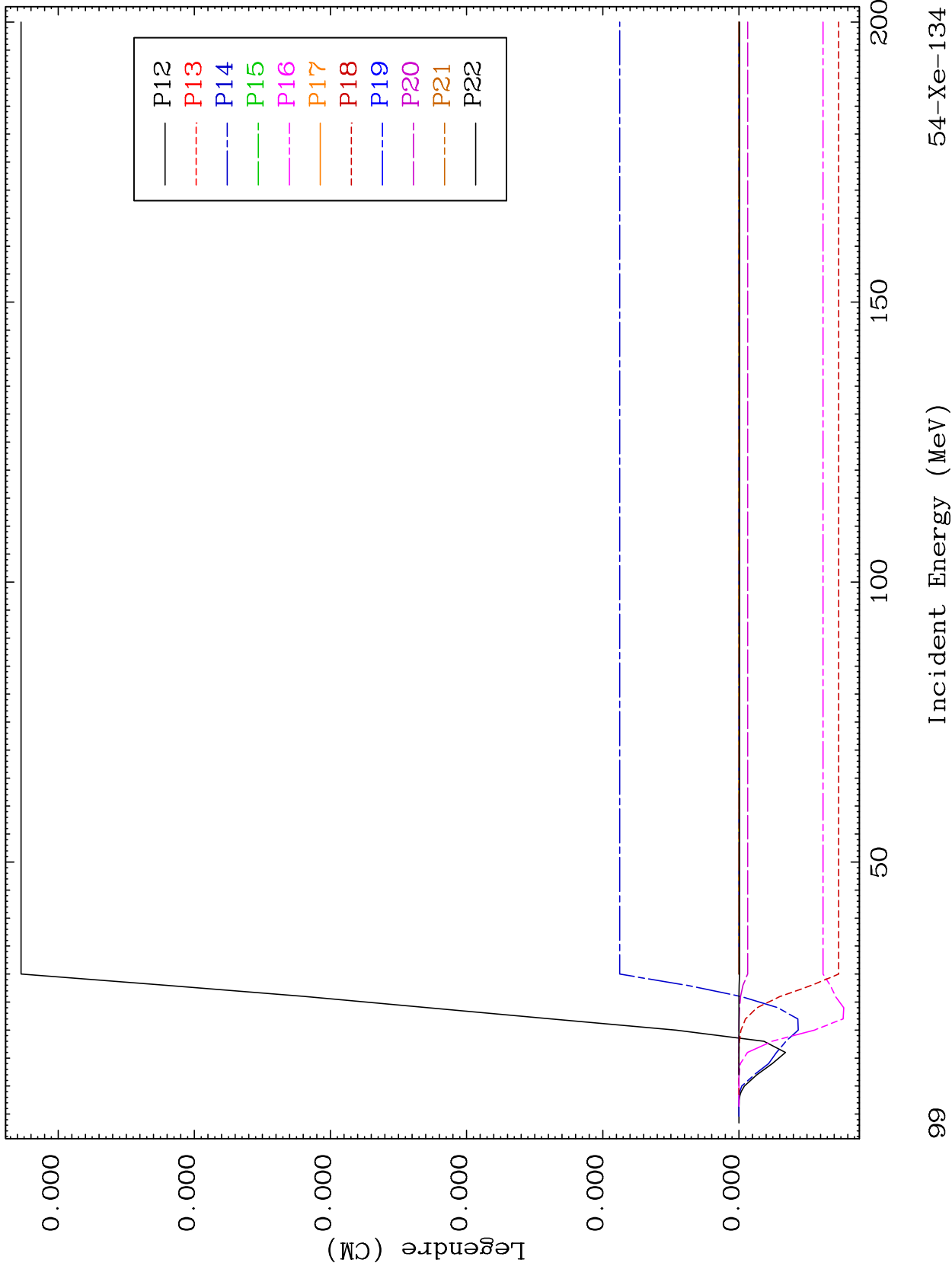
Incident Energy (MeV)

54-Xe-134

MAT 5455

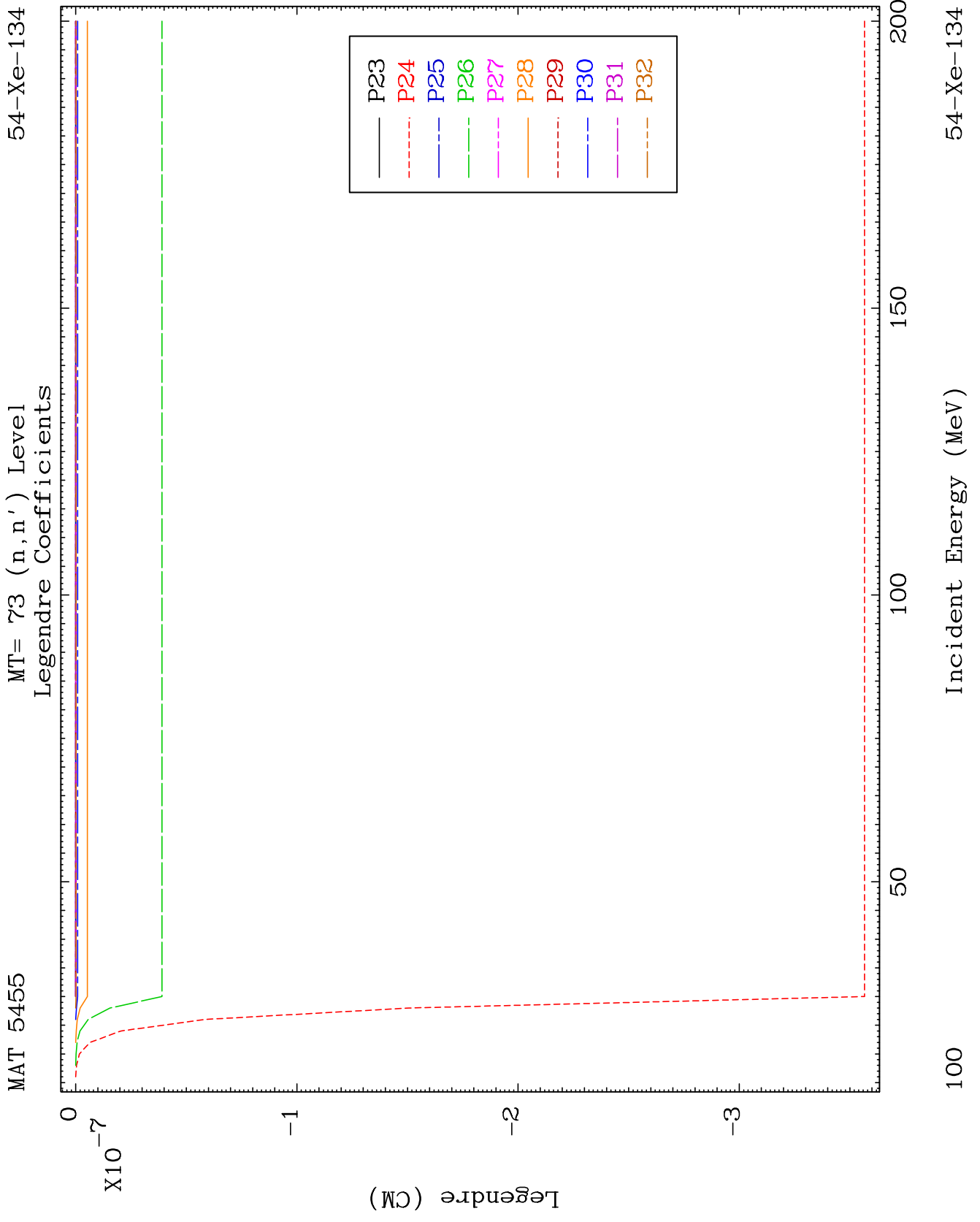
MT= 73 (n,n') Level
Legendre Coefficients

54-Xe-134



99

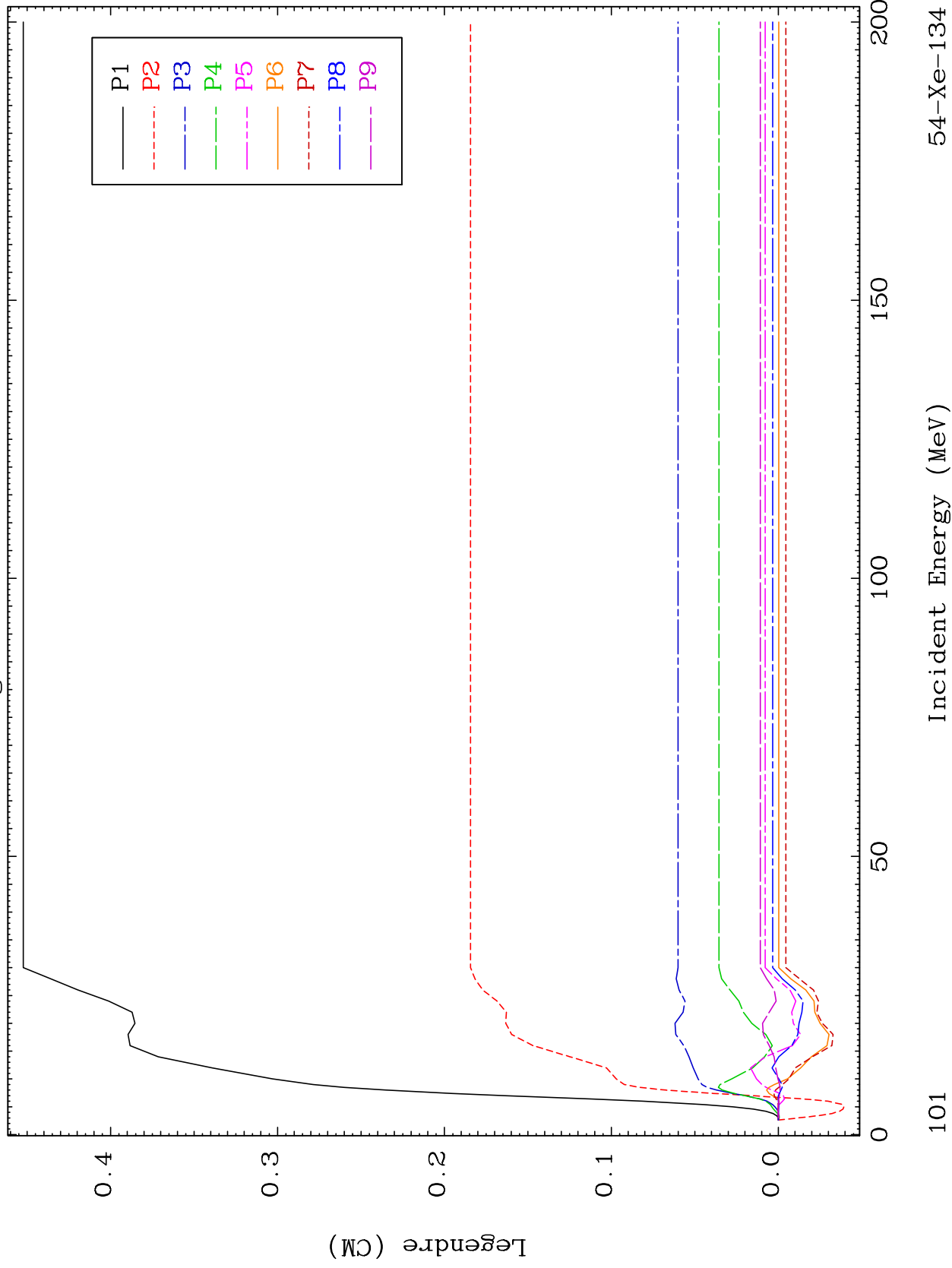
54-Xe-134



MAT 5455

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

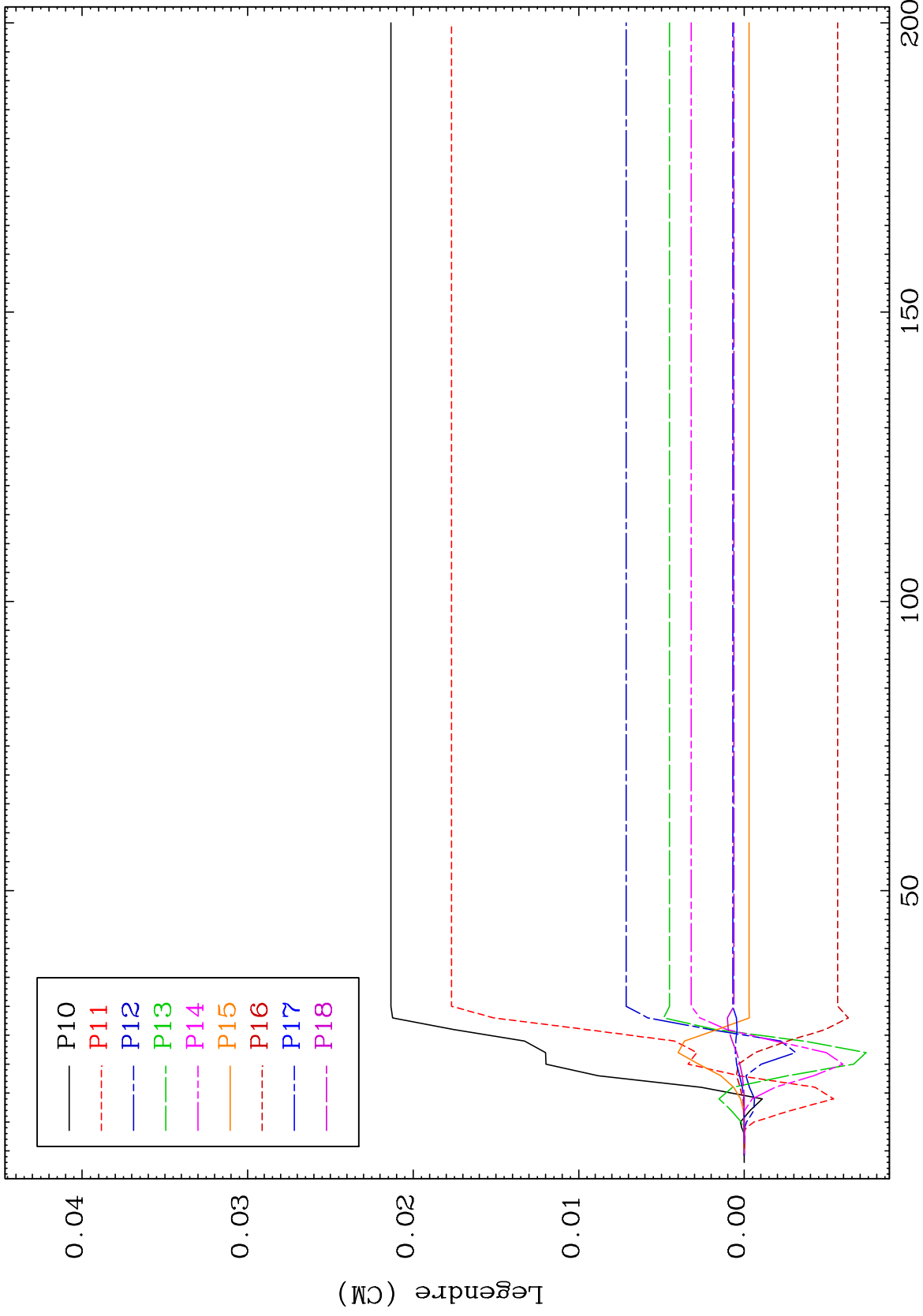
54-Xe-134



MAT 5455

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

54-Xe-134



102

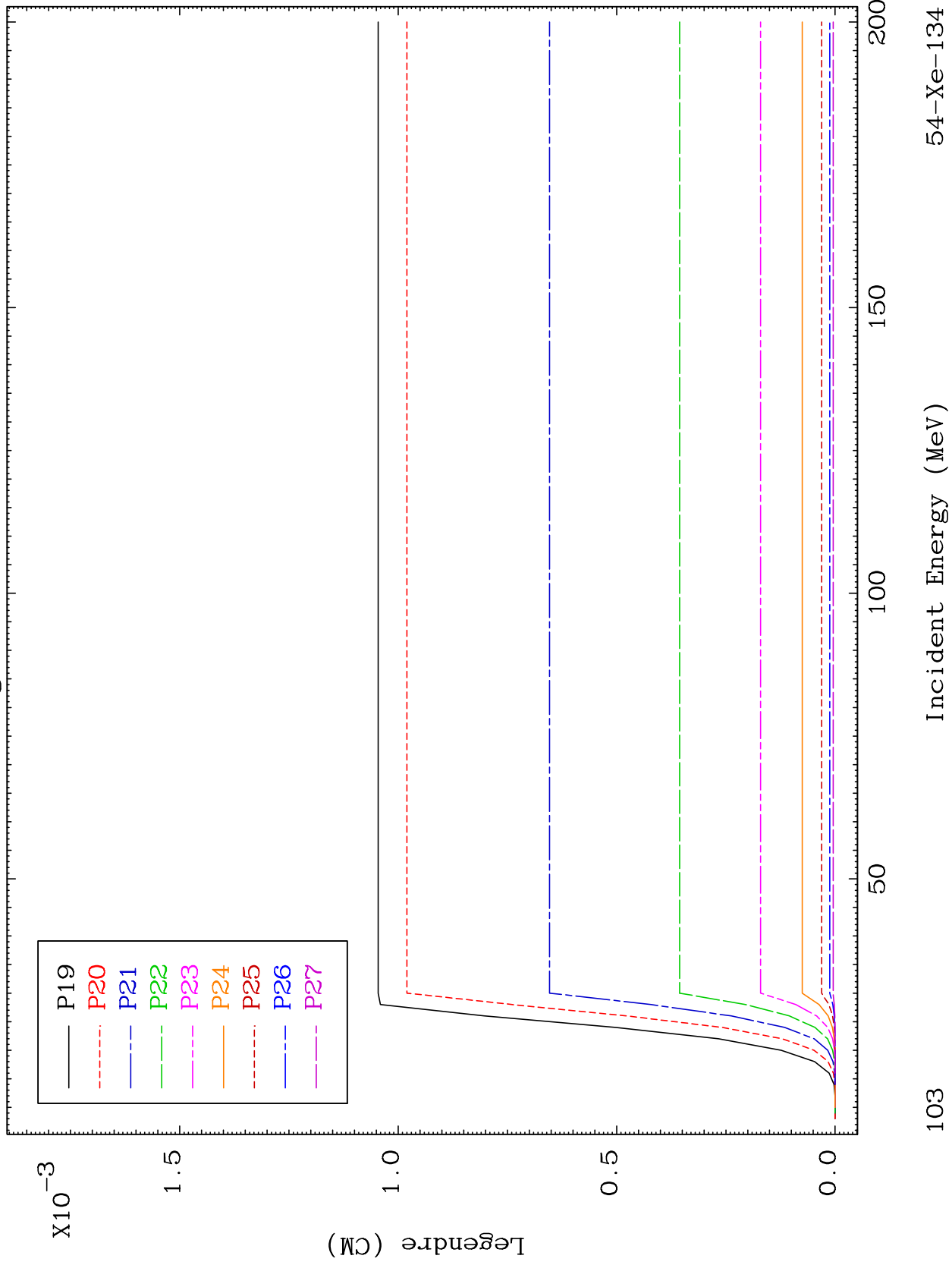
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

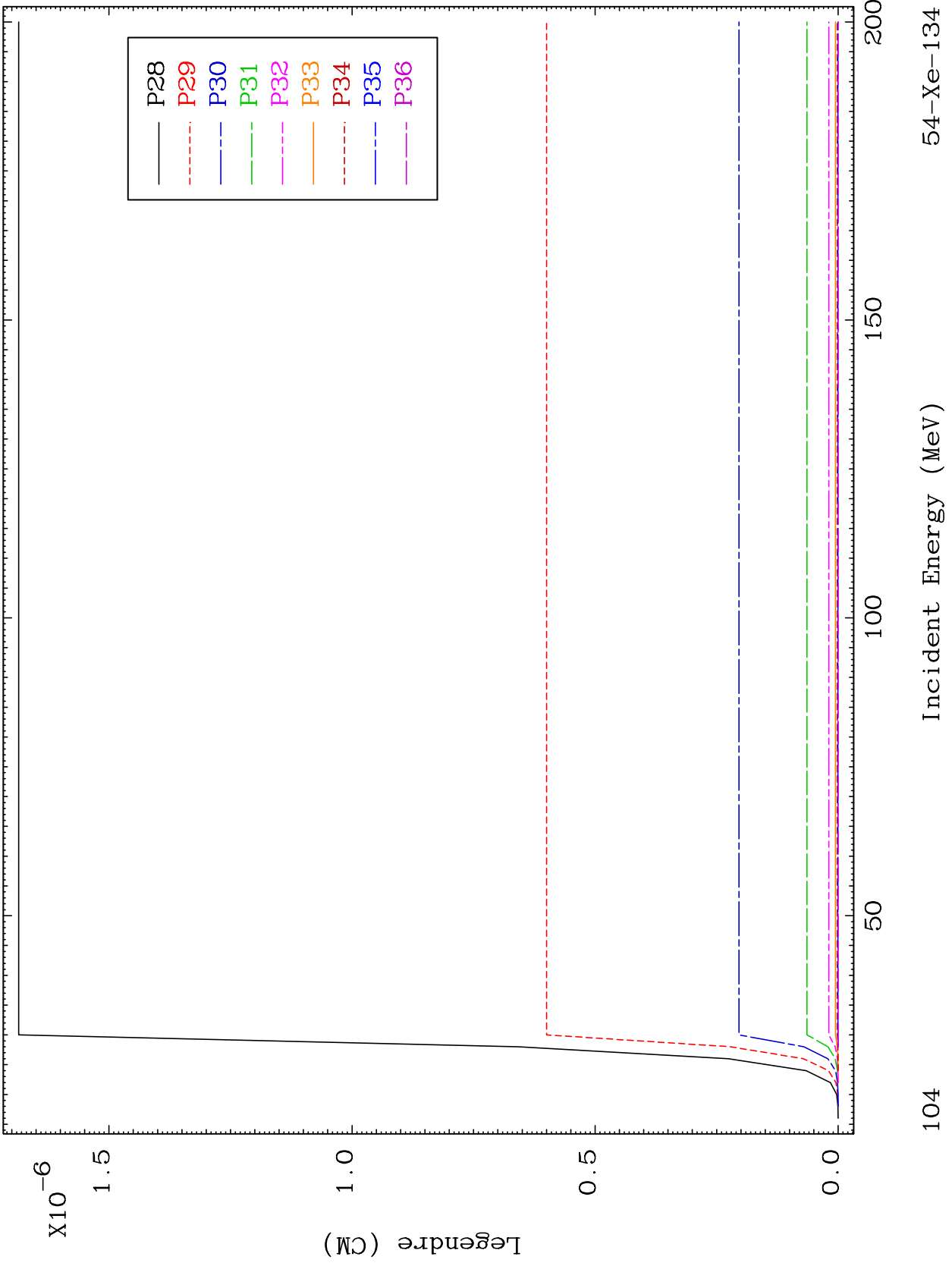
54-Xe-134



MAT 5455

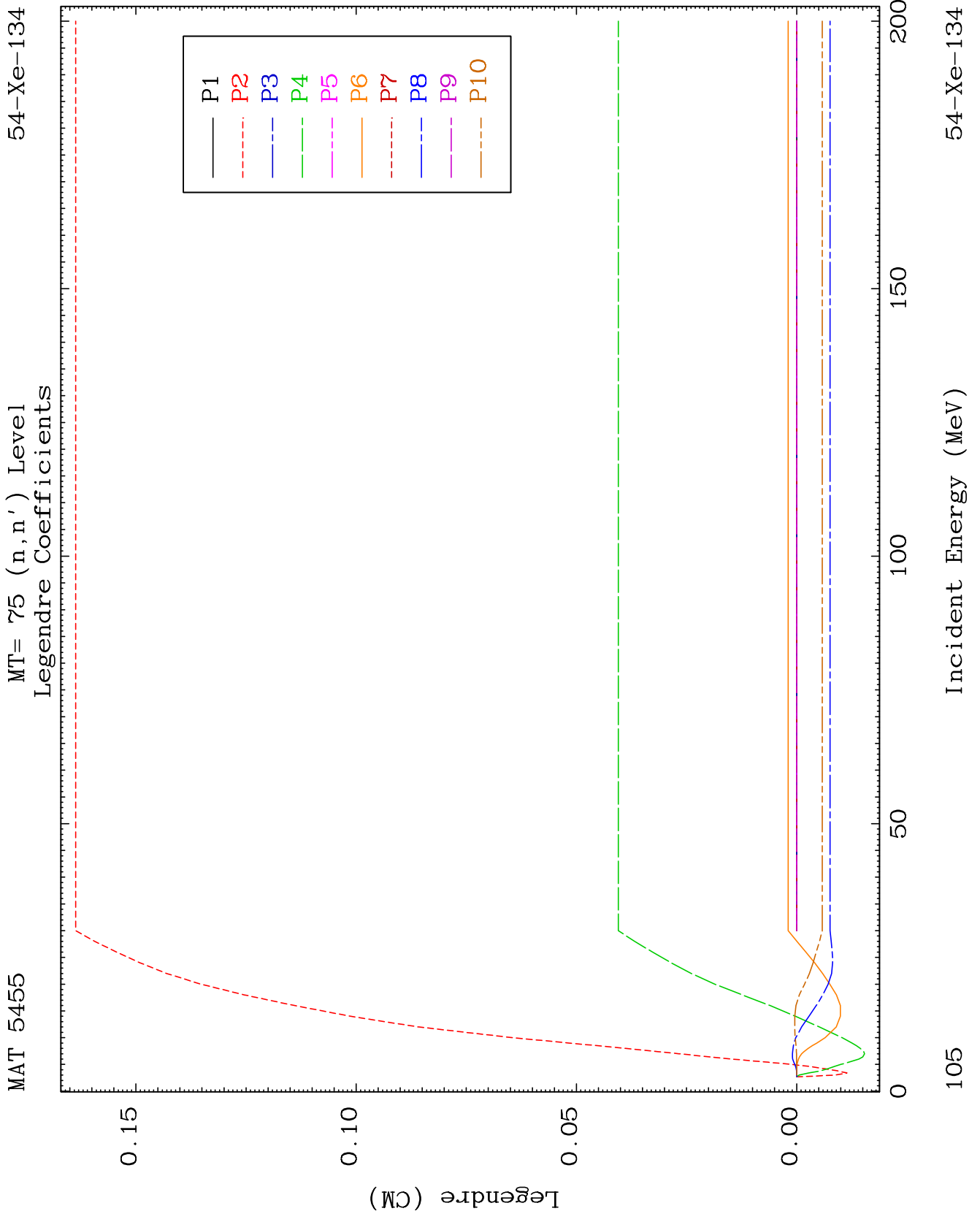
MT= 74 (n,n') Level
Legendre Coefficients

54-Xe-134



104

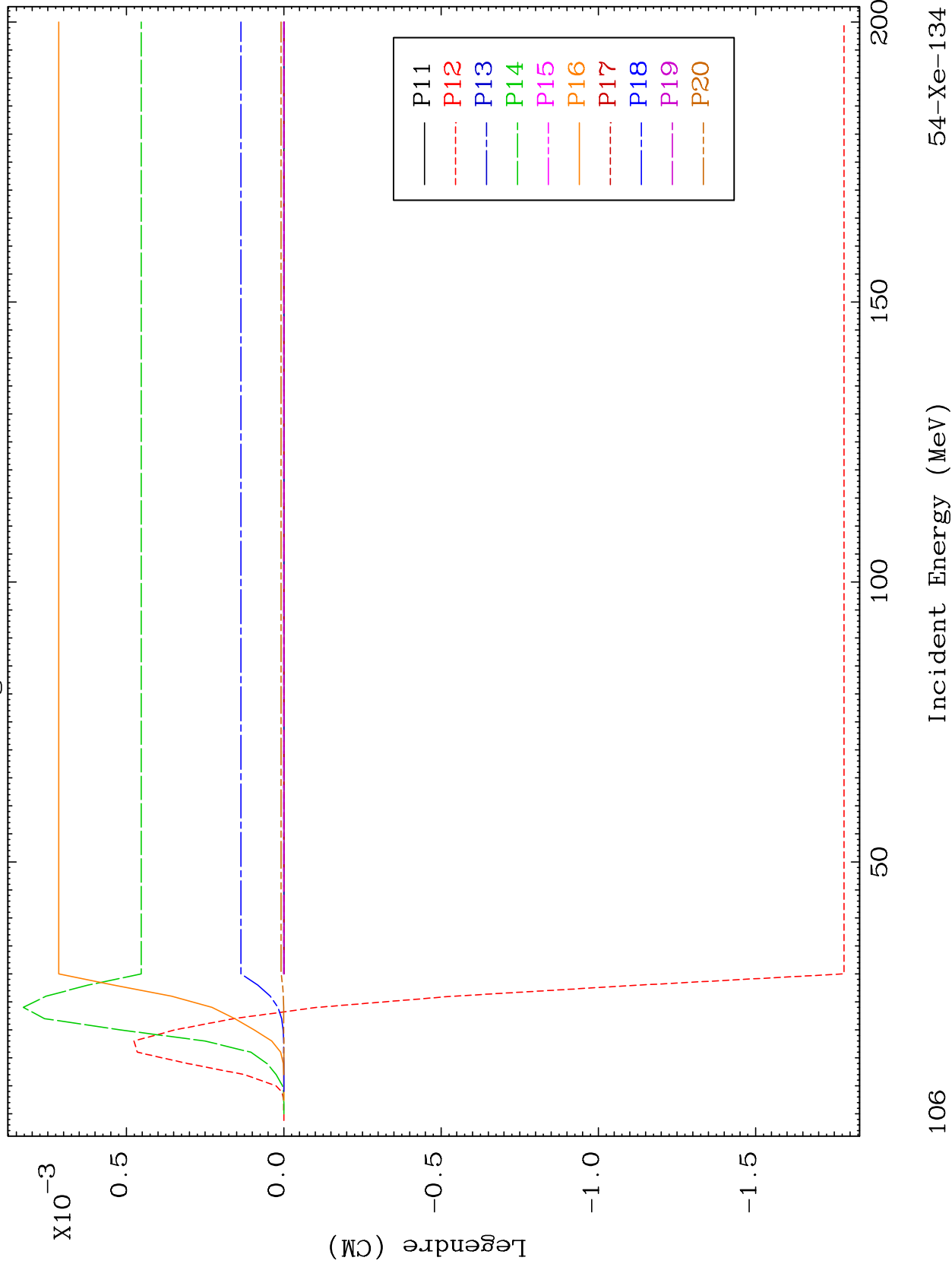
54-Xe-134



MAT 5455

54-Xe-134

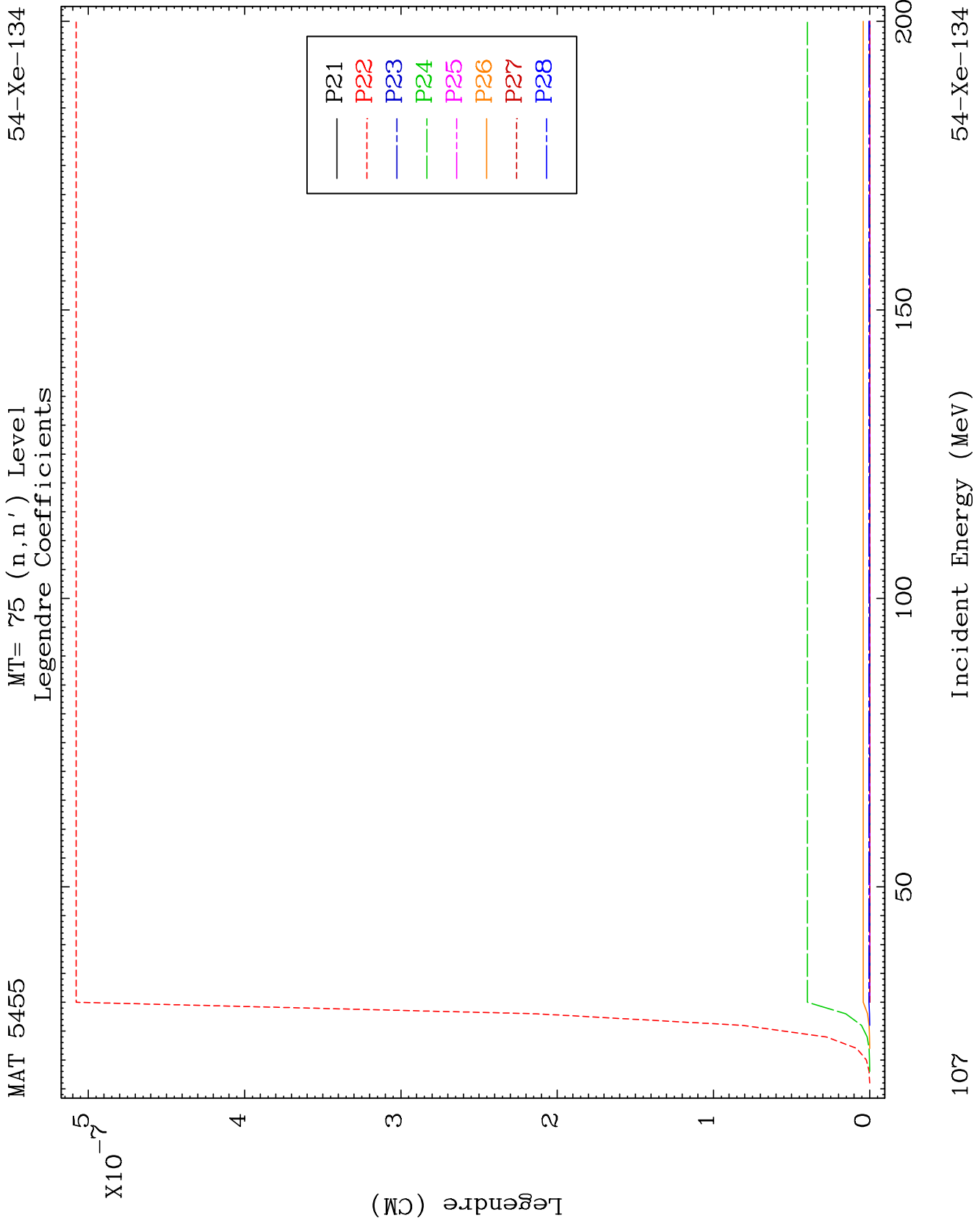
MT= 75 (n,n') Level
Legendre Coefficients



106

Incident Energy (MeV)

54-Xe-134



107

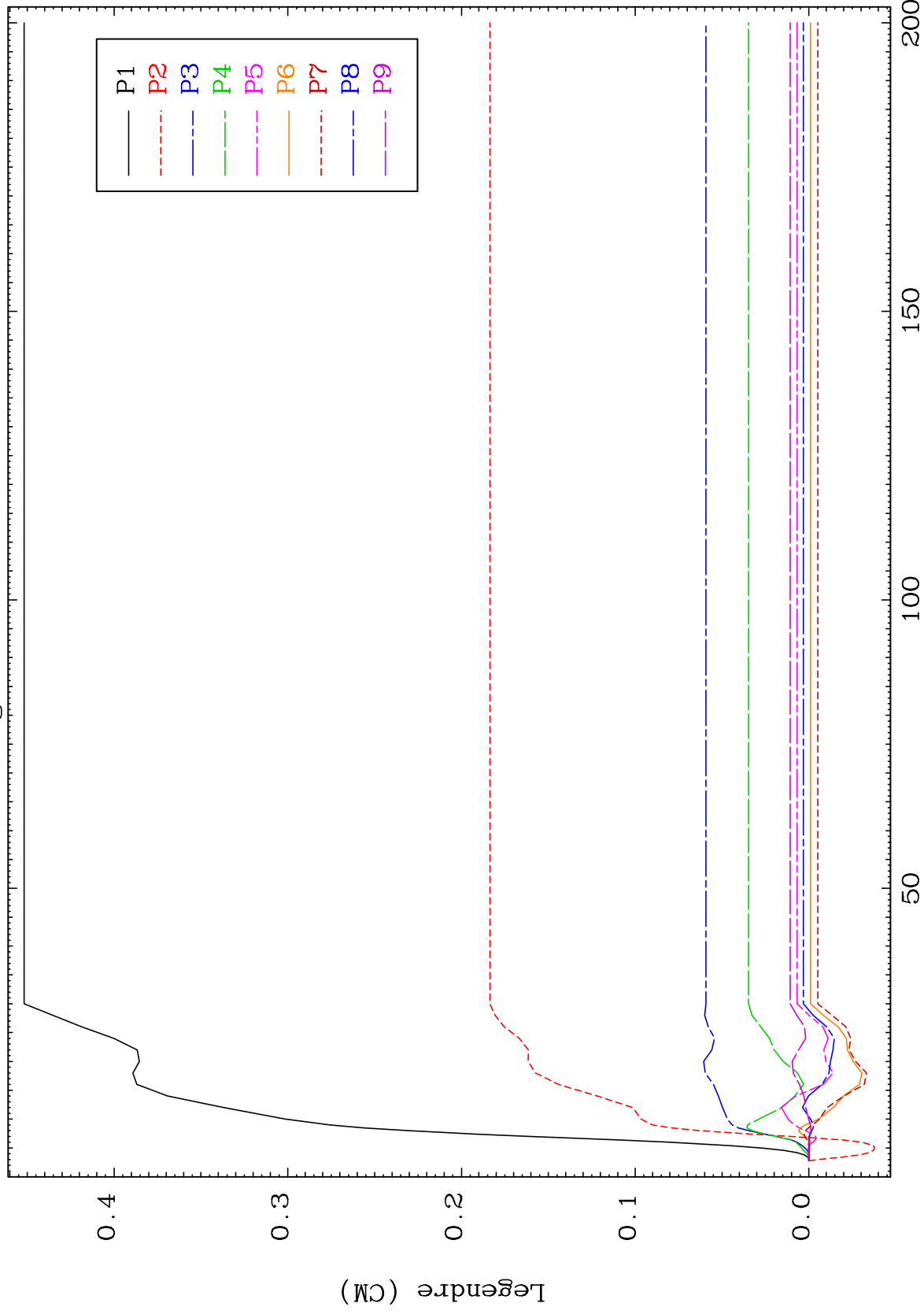
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



108

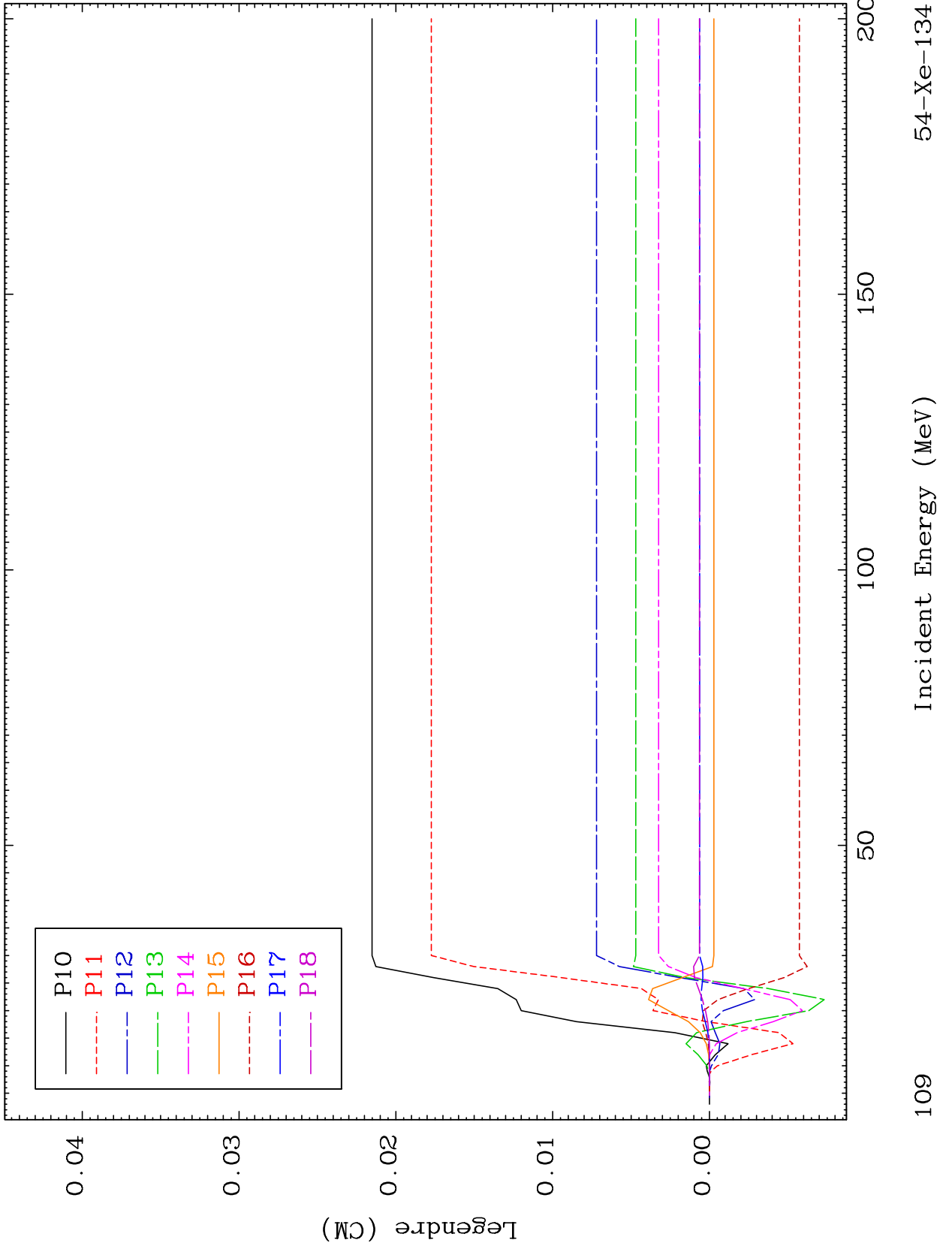
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



109

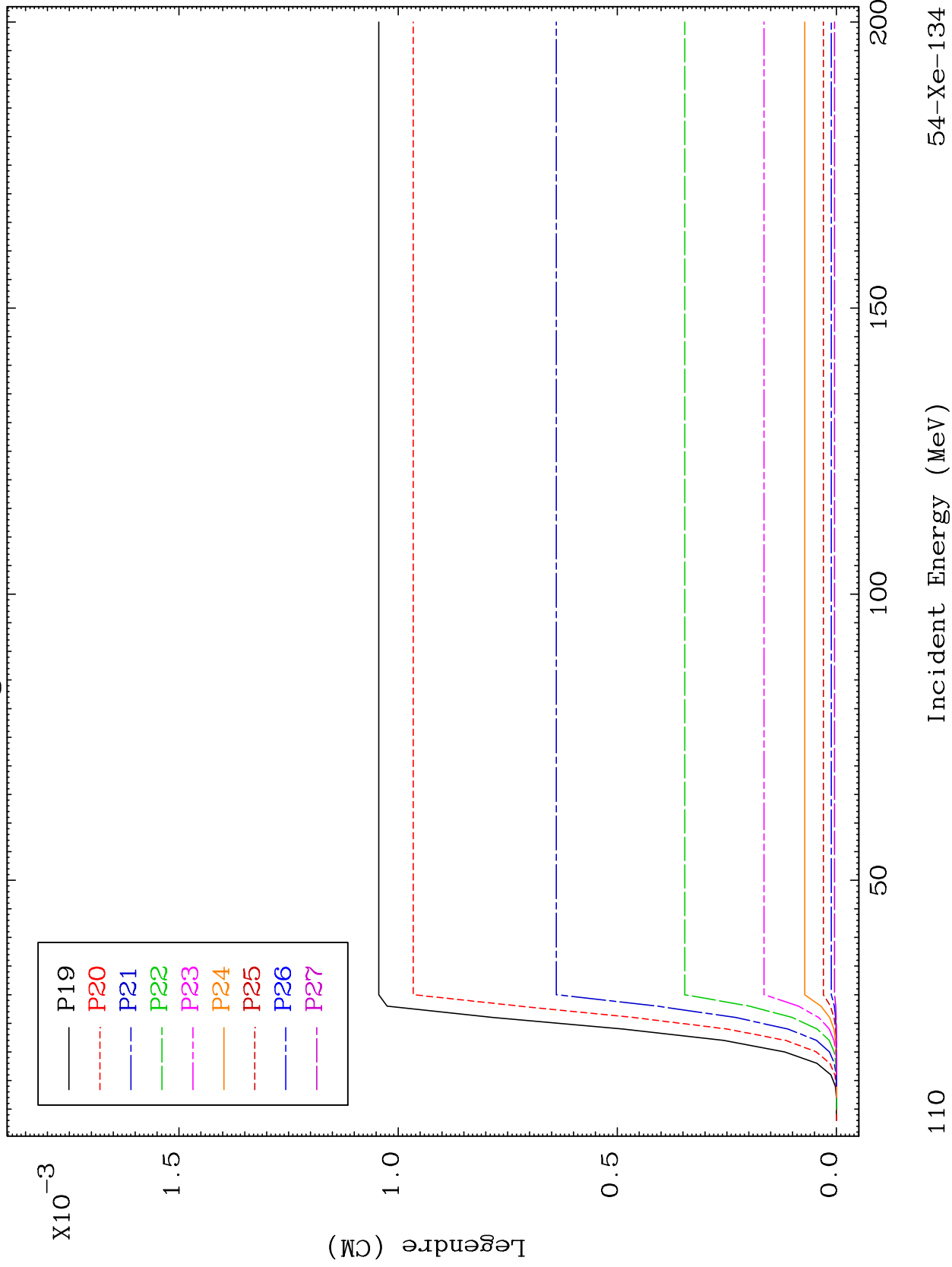
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



110

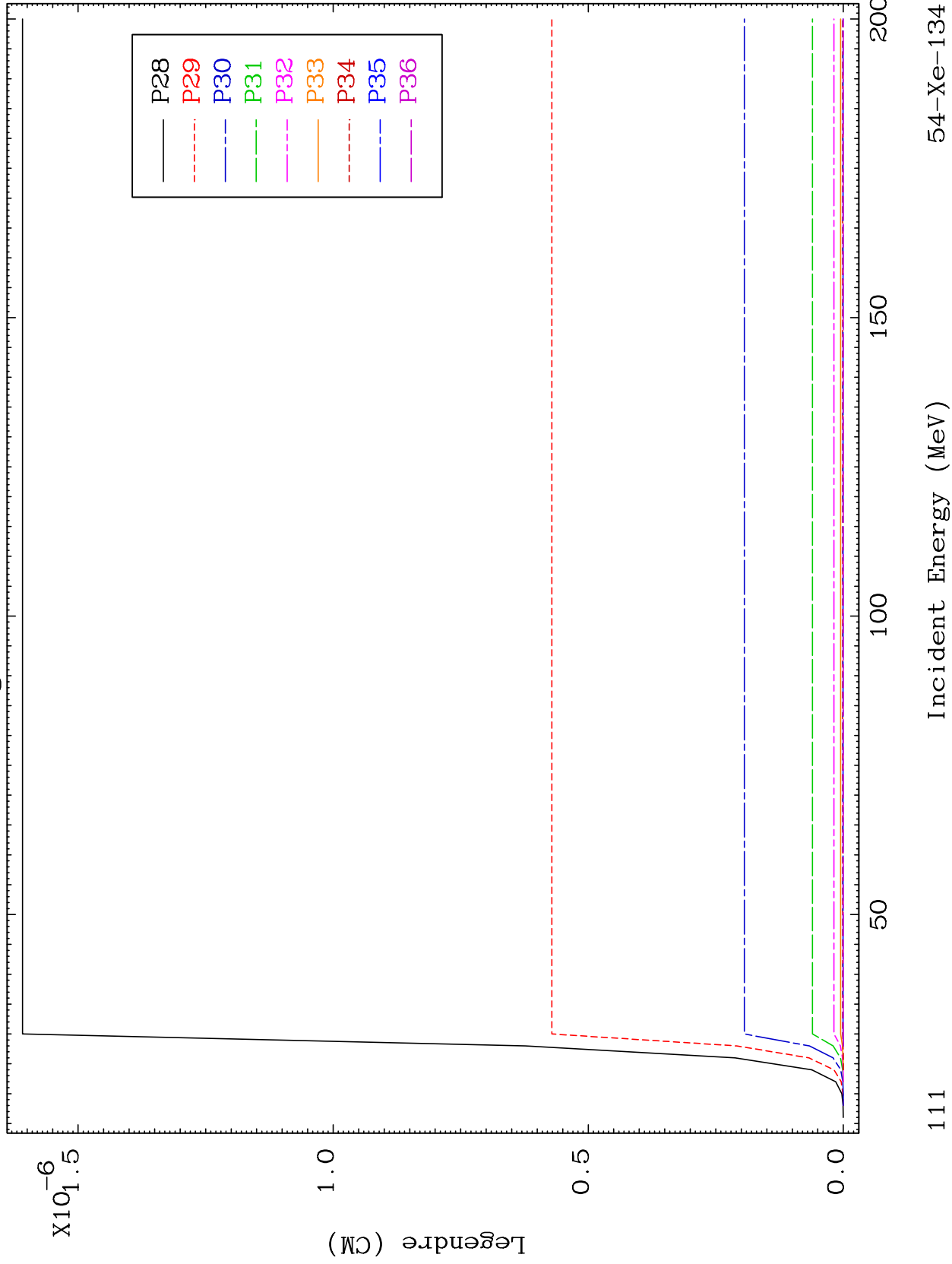
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



111

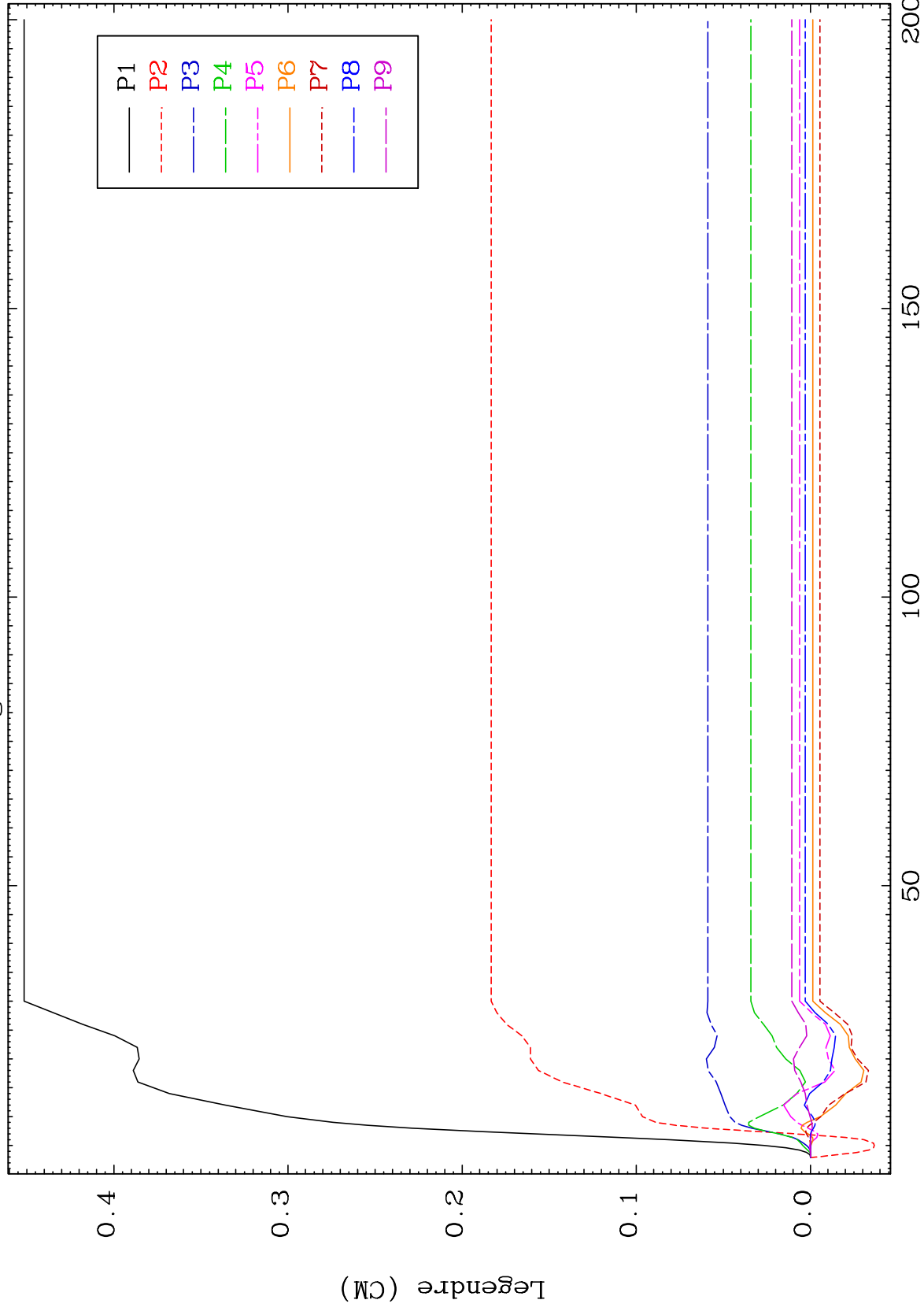
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



112

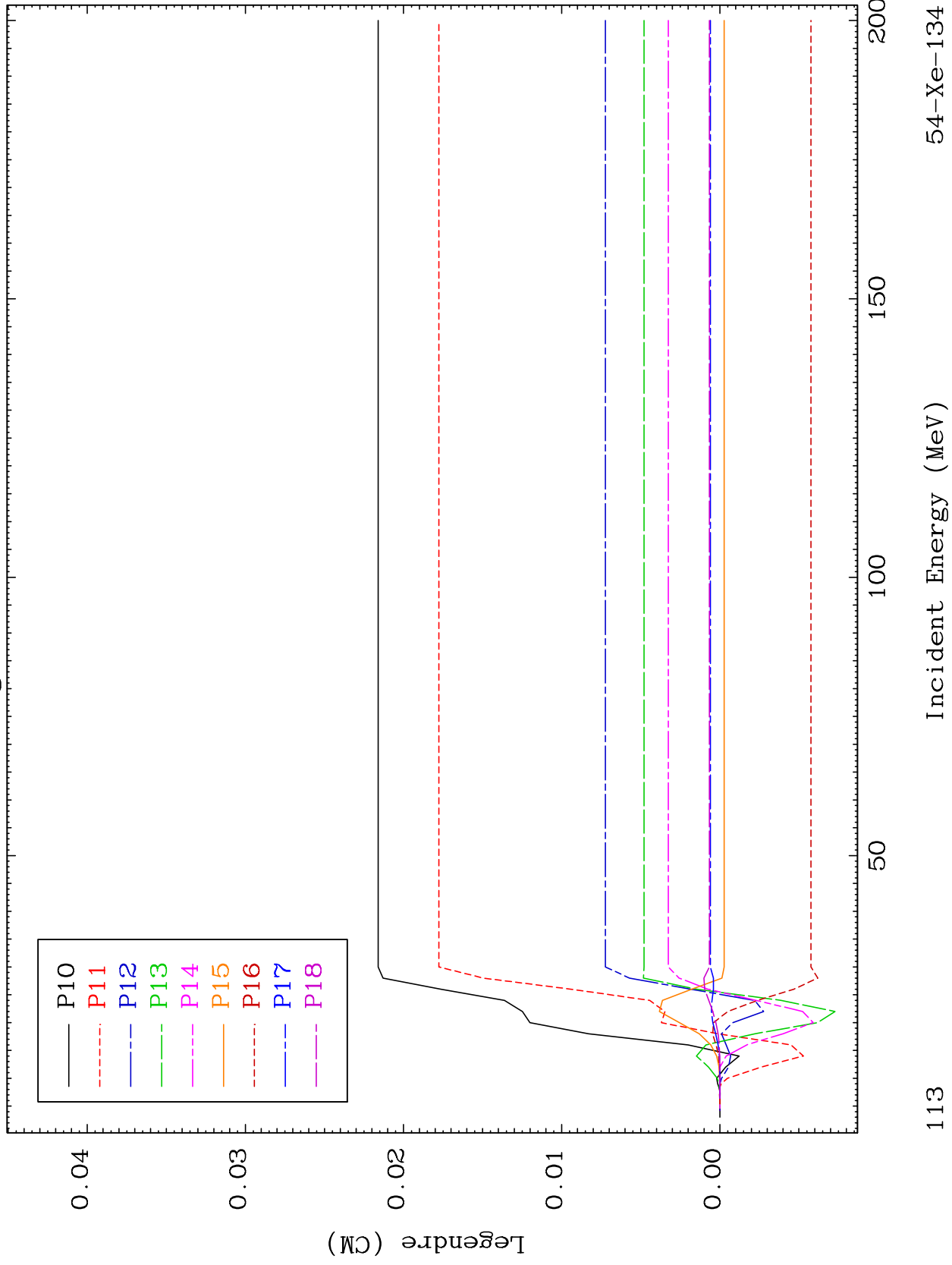
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



113

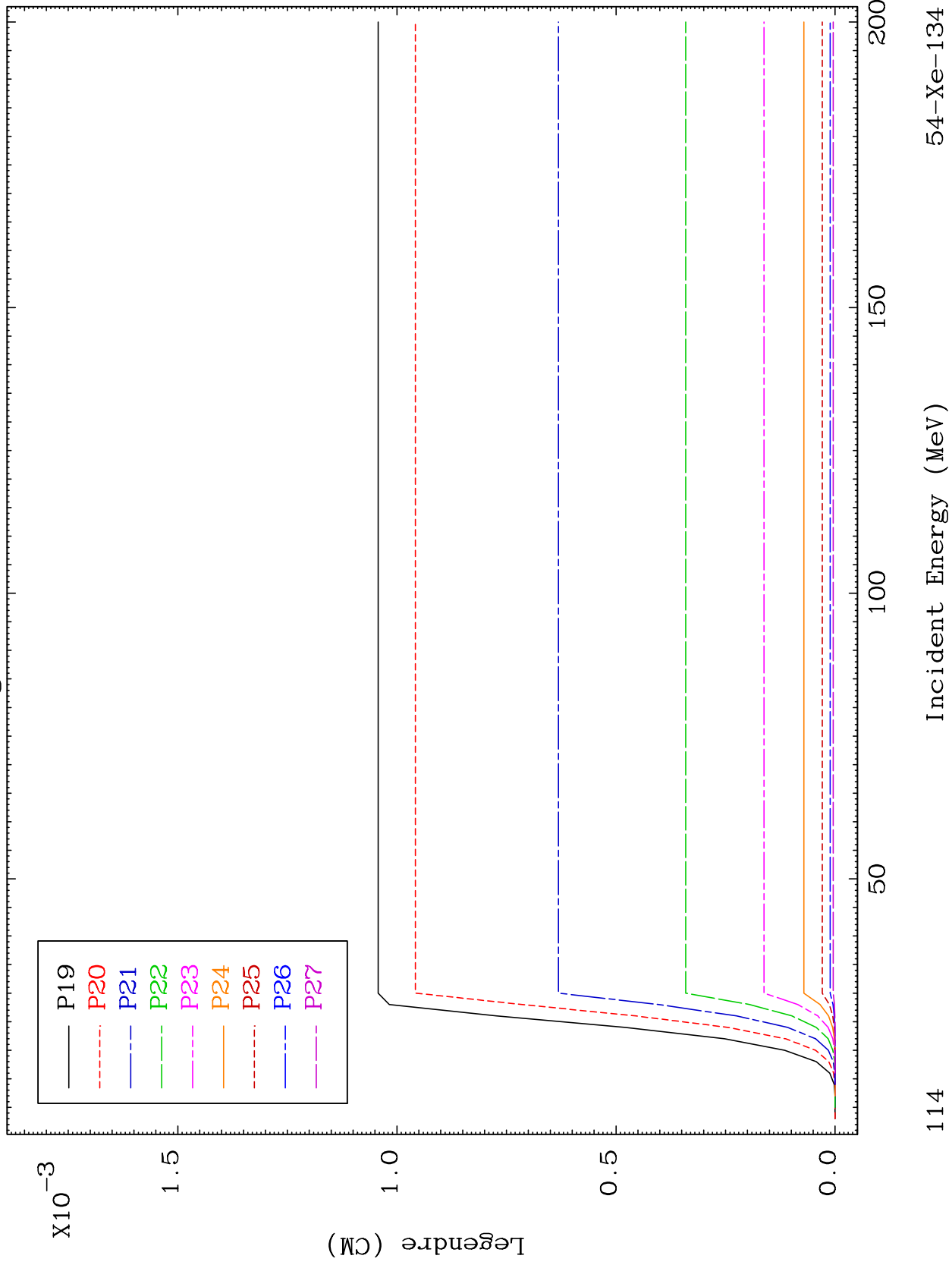
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

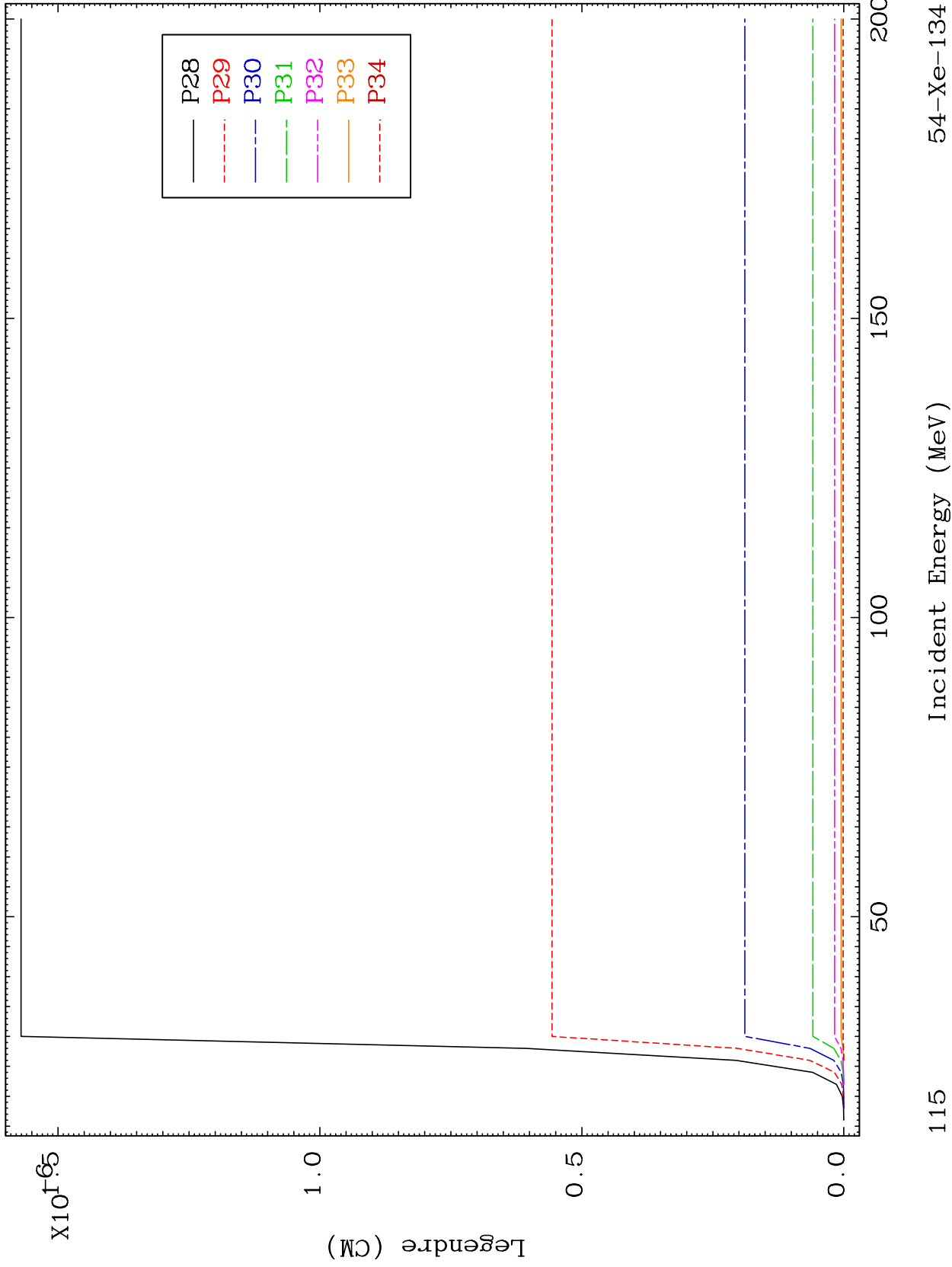
54-Xe-134



MAT 5455

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

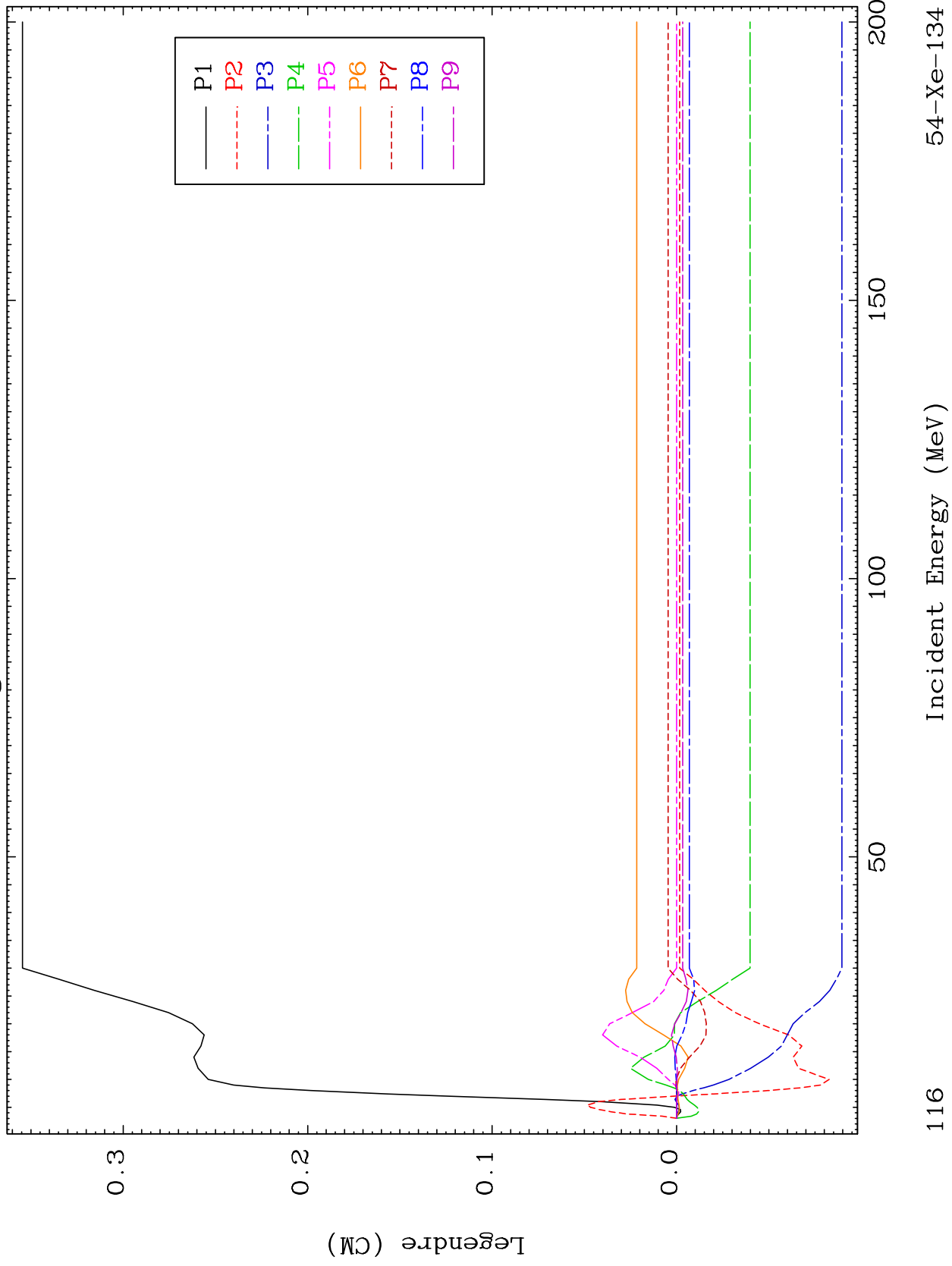
54-Xe-134



MAT 5455

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

54-Xe-134



116

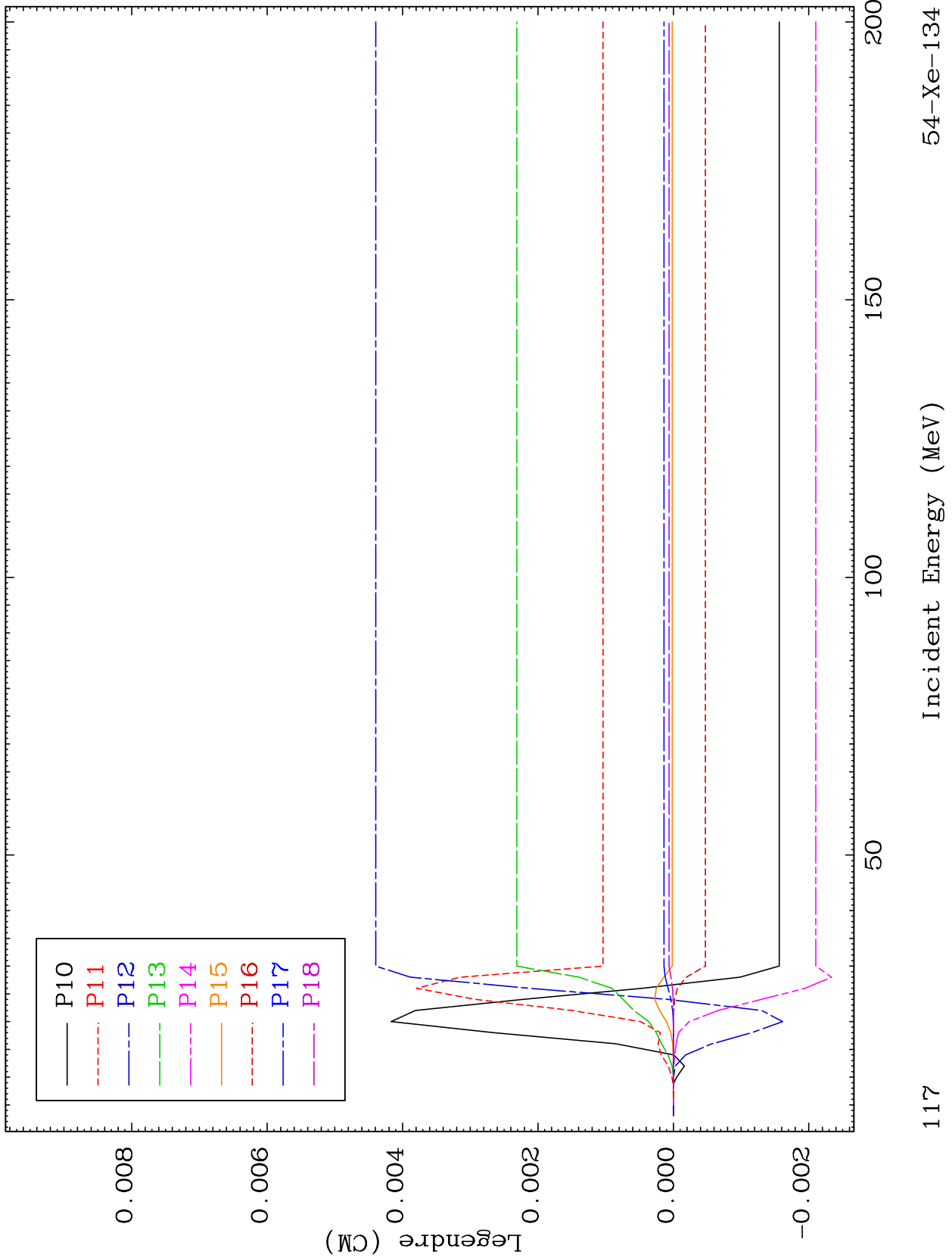
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134

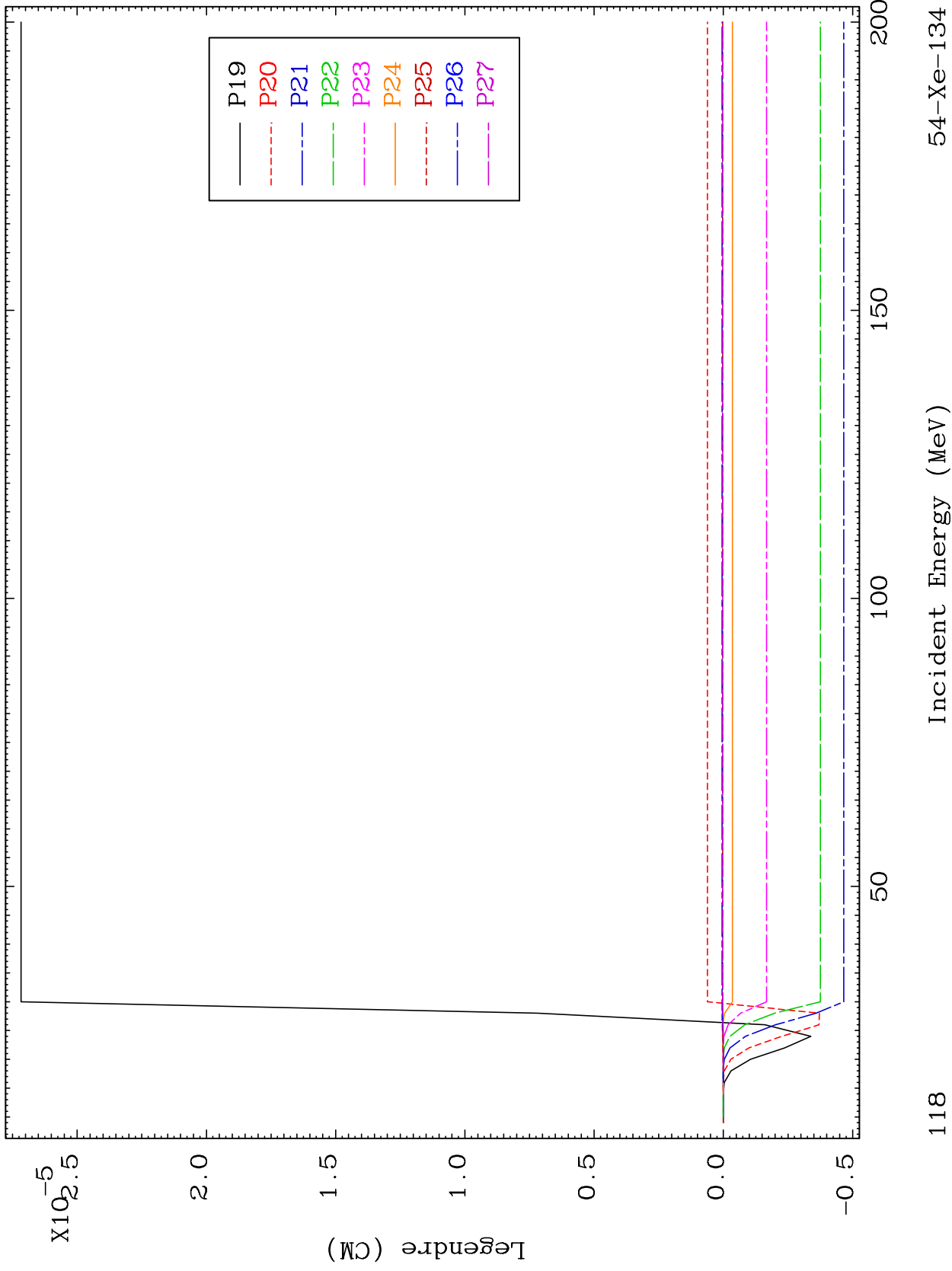


117

MAT 5455

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

54-Xe-134



118

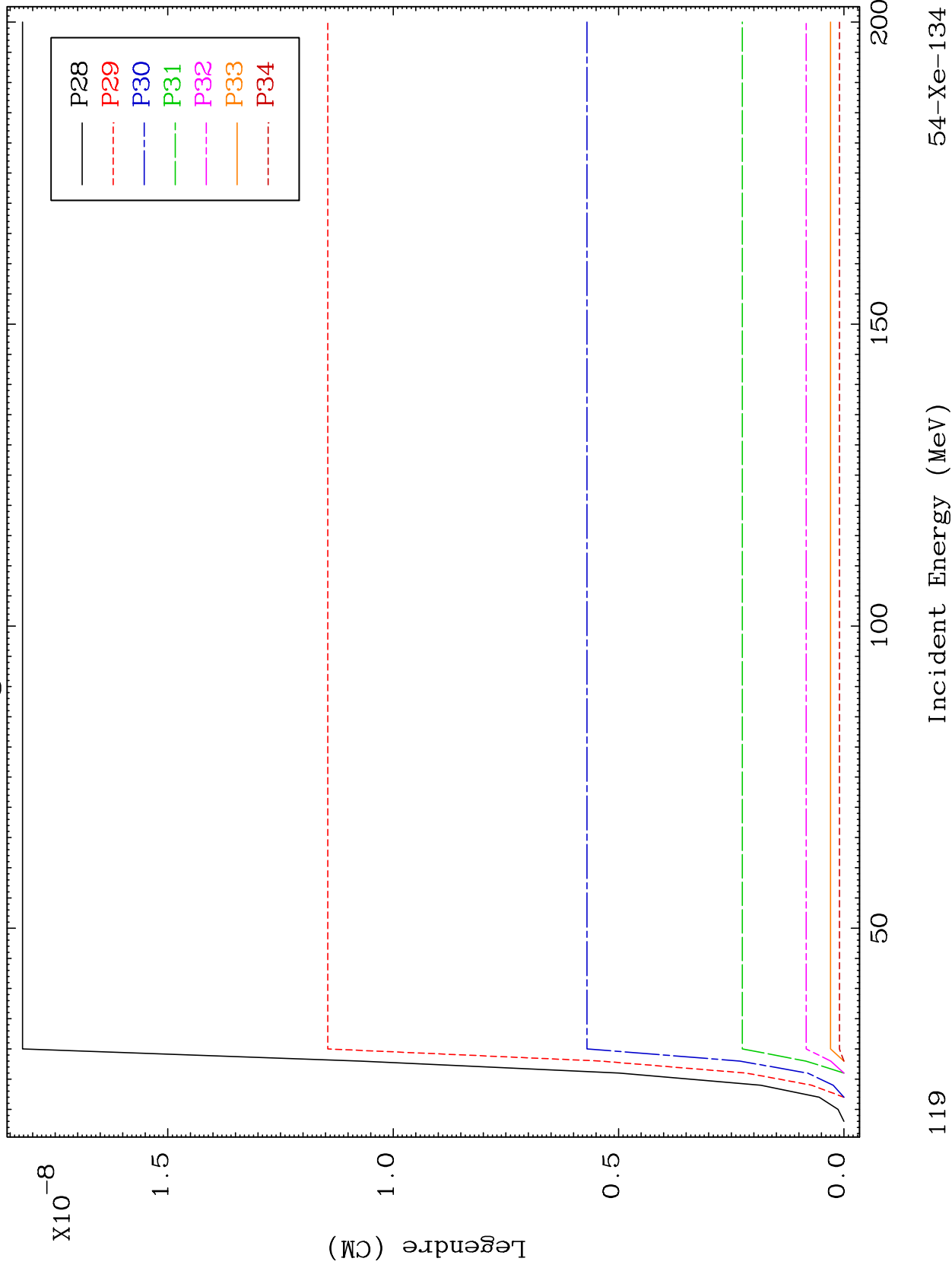
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



119

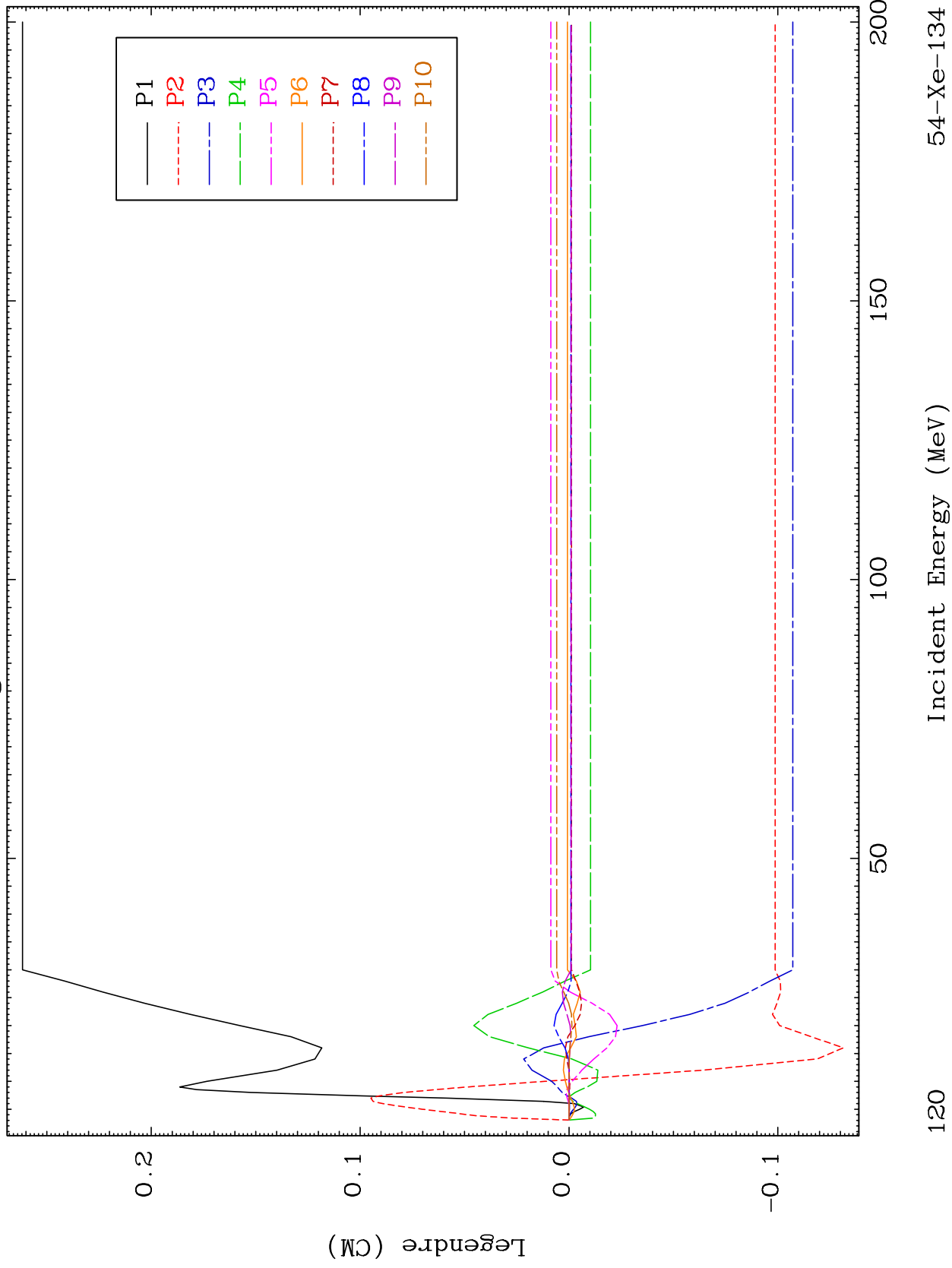
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

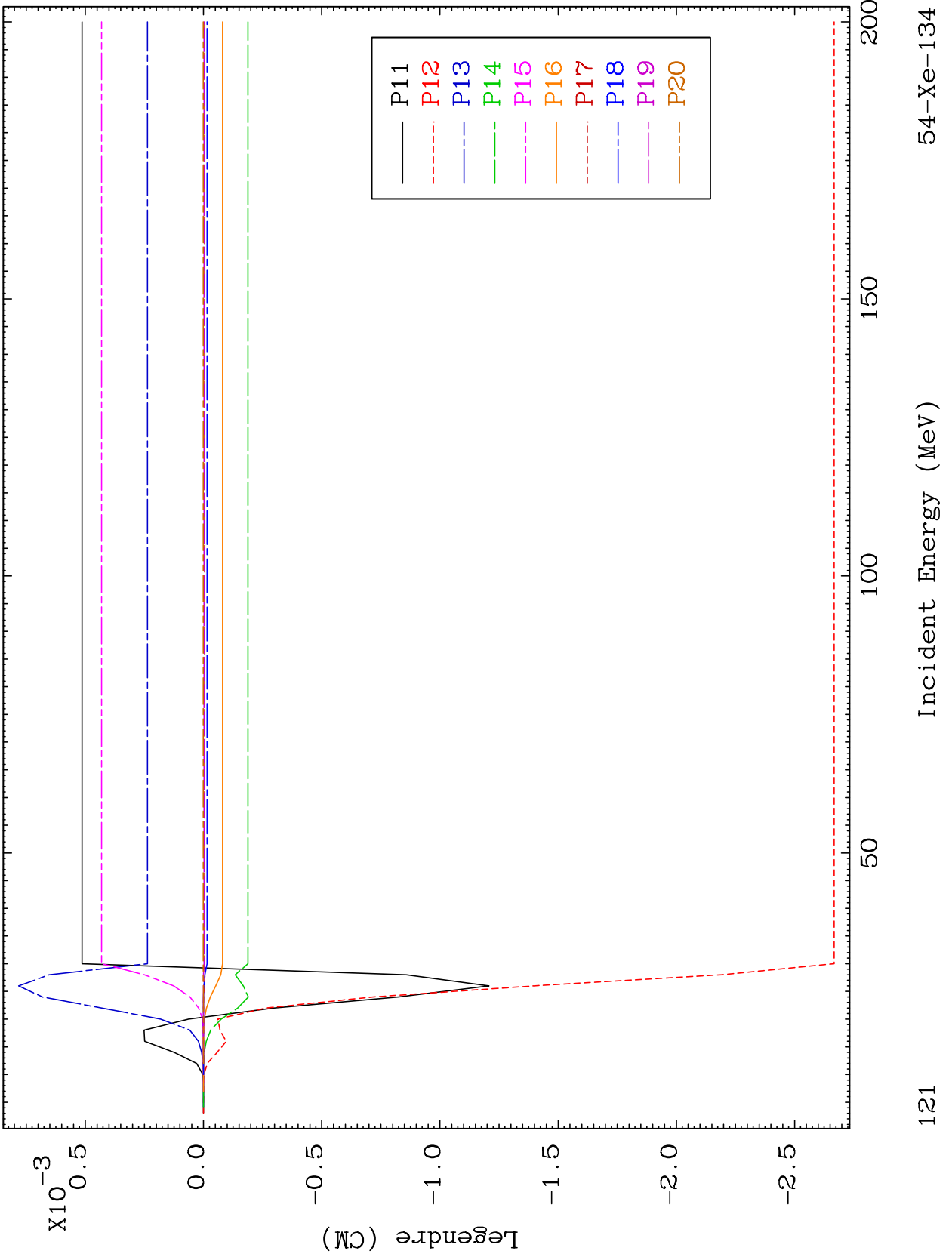
54-Xe-134



MAT 5455

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

54-Xe-134



121

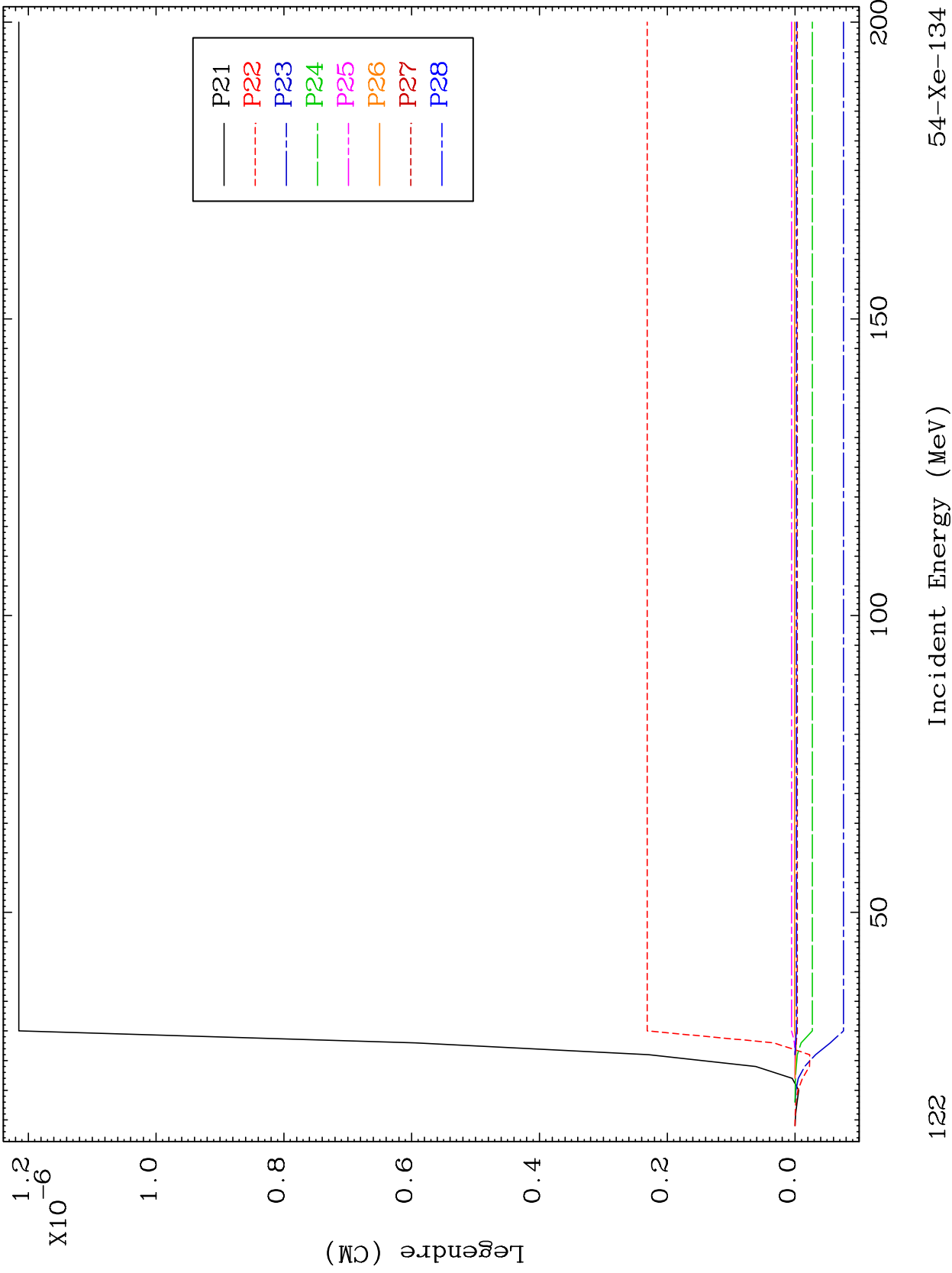
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



122

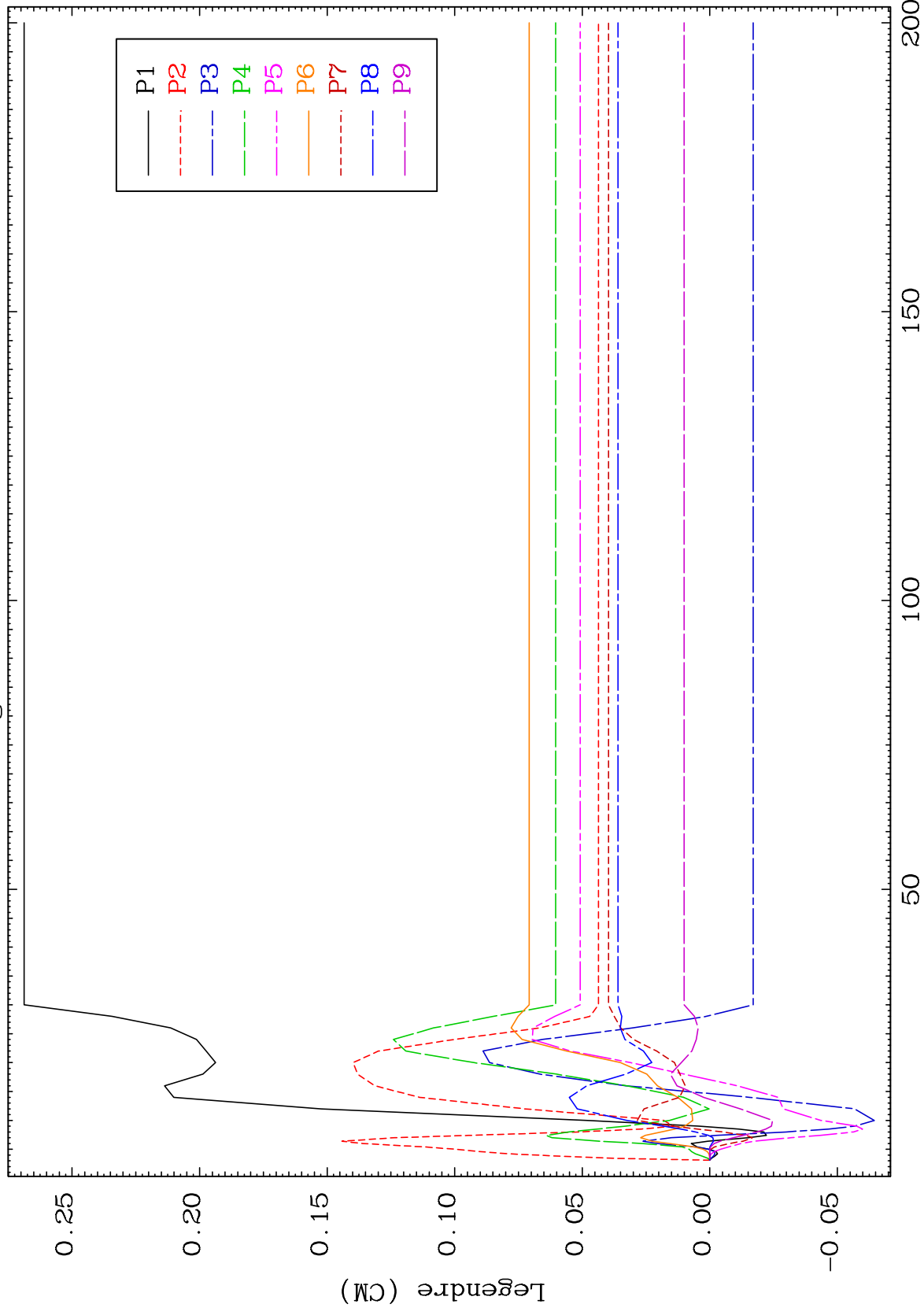
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

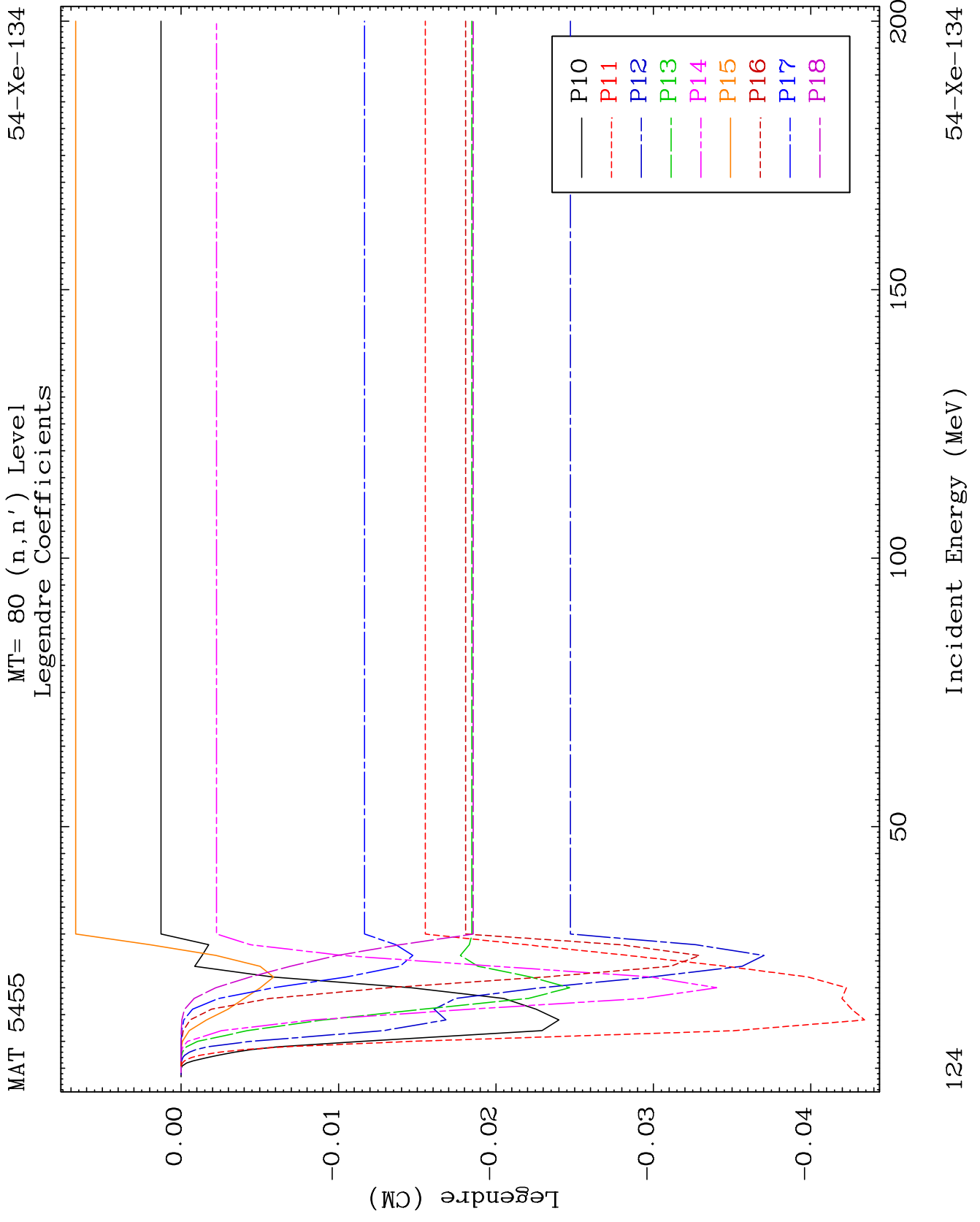
54-Xe-134

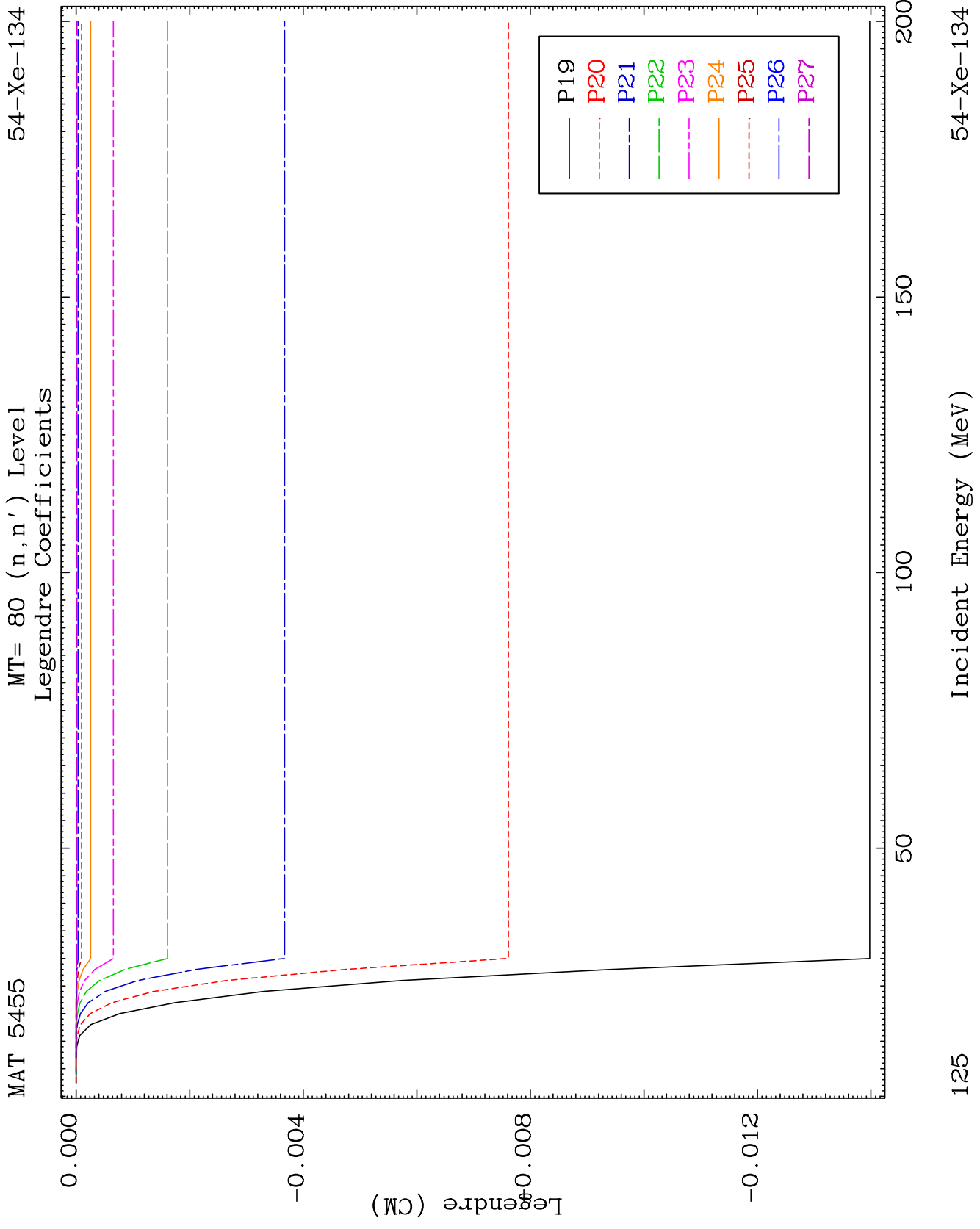


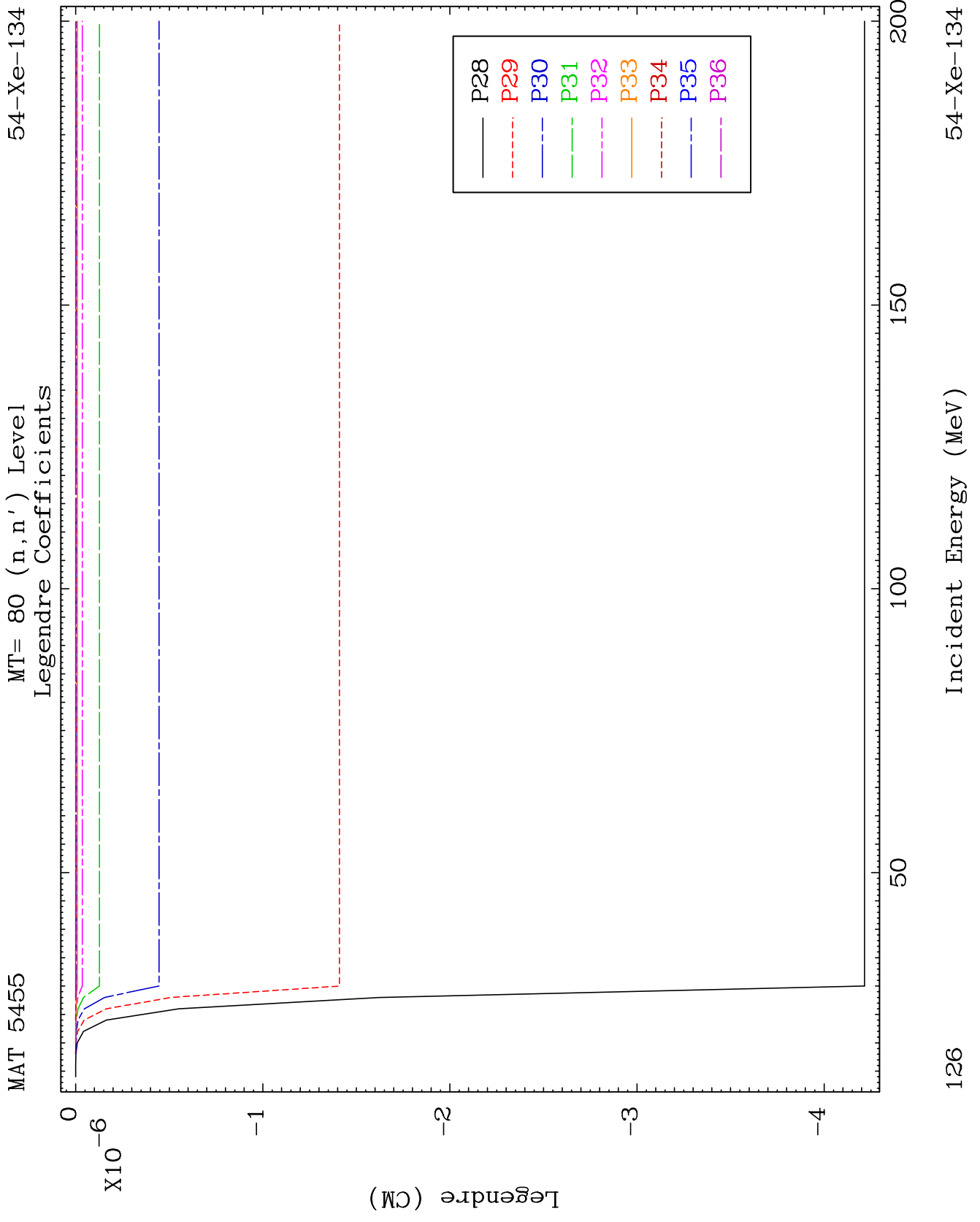
123

Incident Energy (MeV)

54-Xe-134



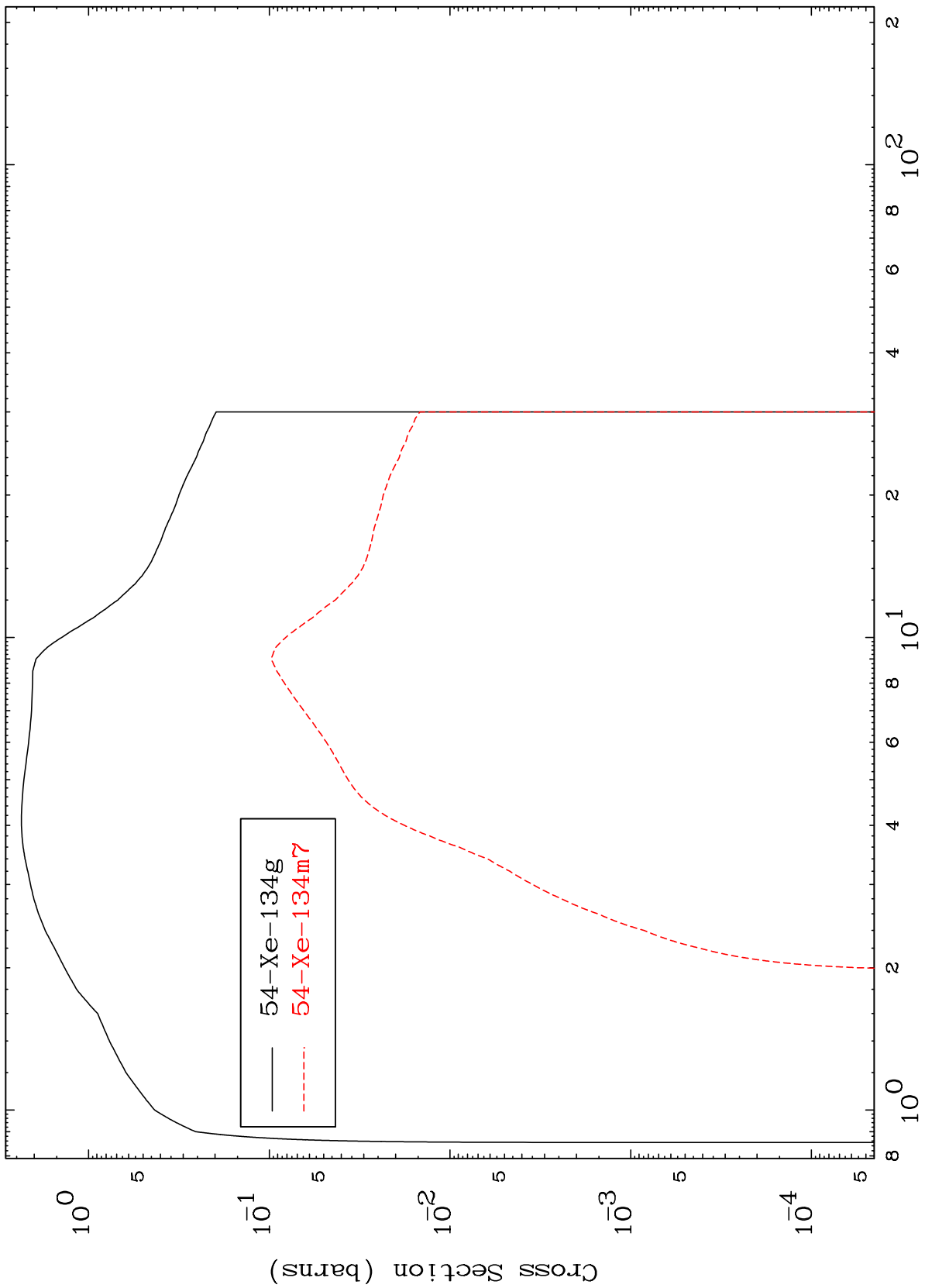




MAT 5455

54-Xe-134

Inelastic Radionuclide Production Cross Section



— 54-Xe-134g
- - - 54-Xe-134m7

127

Incident Energy (MeV)

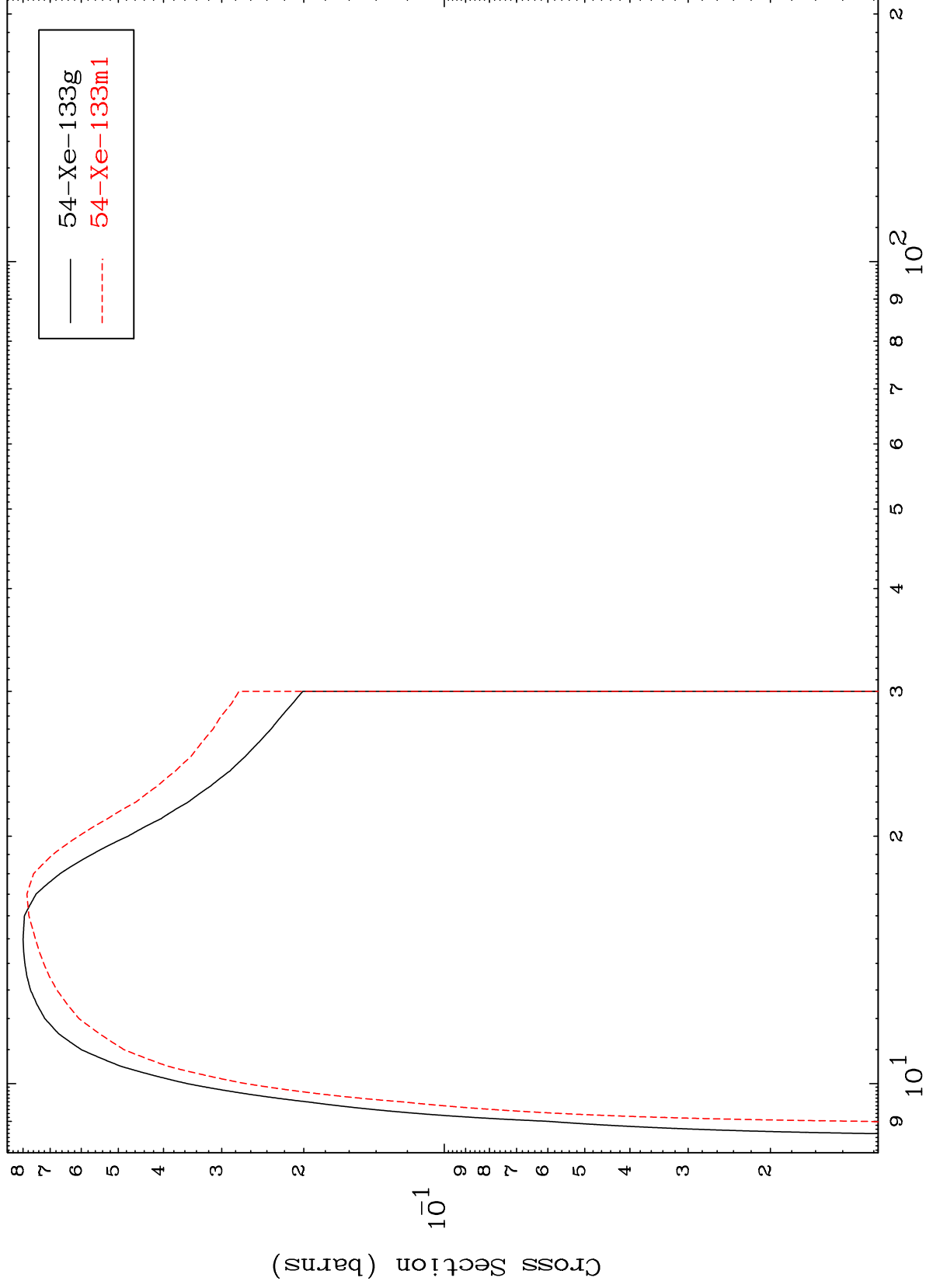
54-Xe-134

MAT 5455

(n,2n)

54-Xe-134

Radionuclide Production Cross Section



128

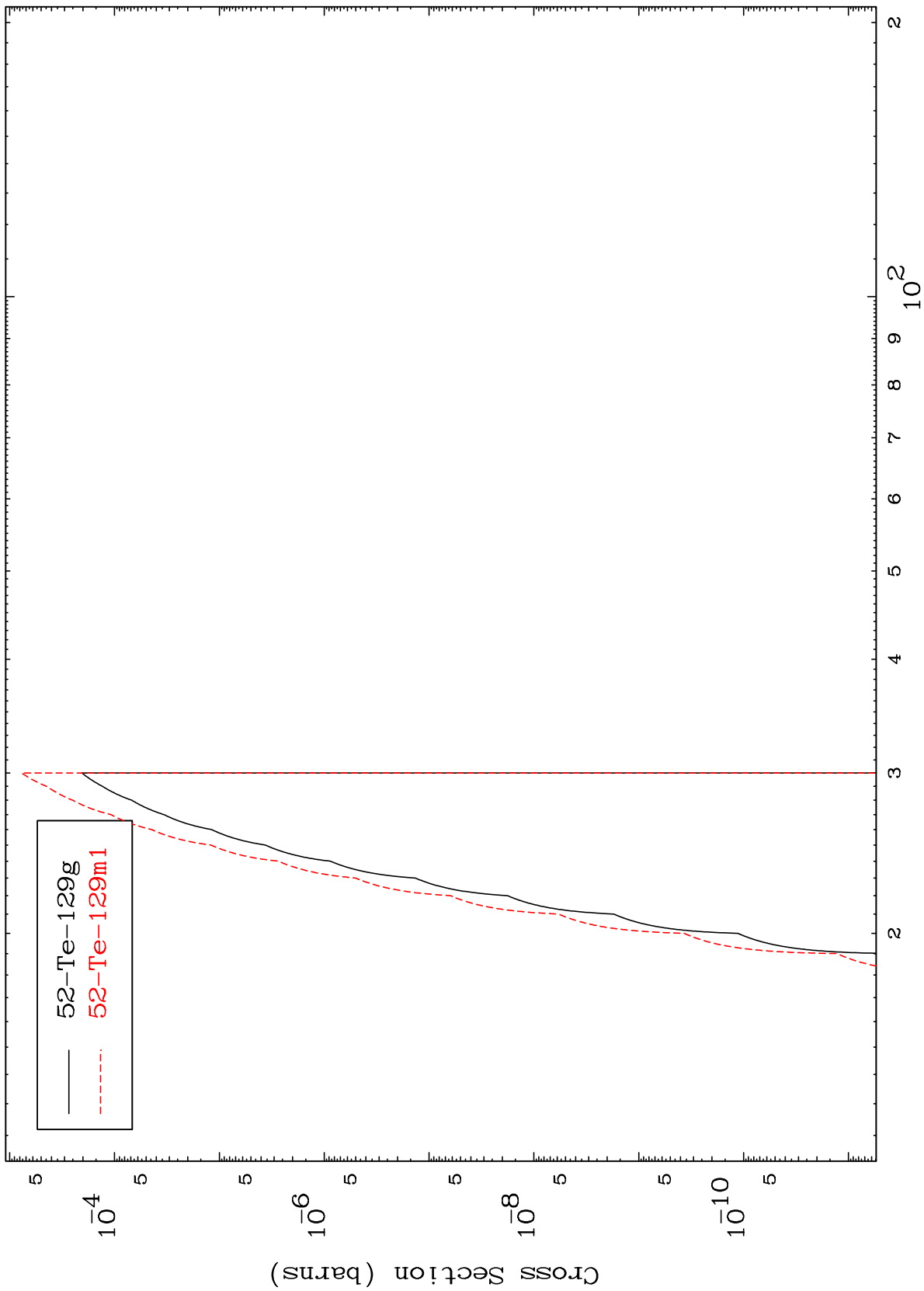
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n,2n) α
Radionuclide Production Cross Section



129

54-Xe-134

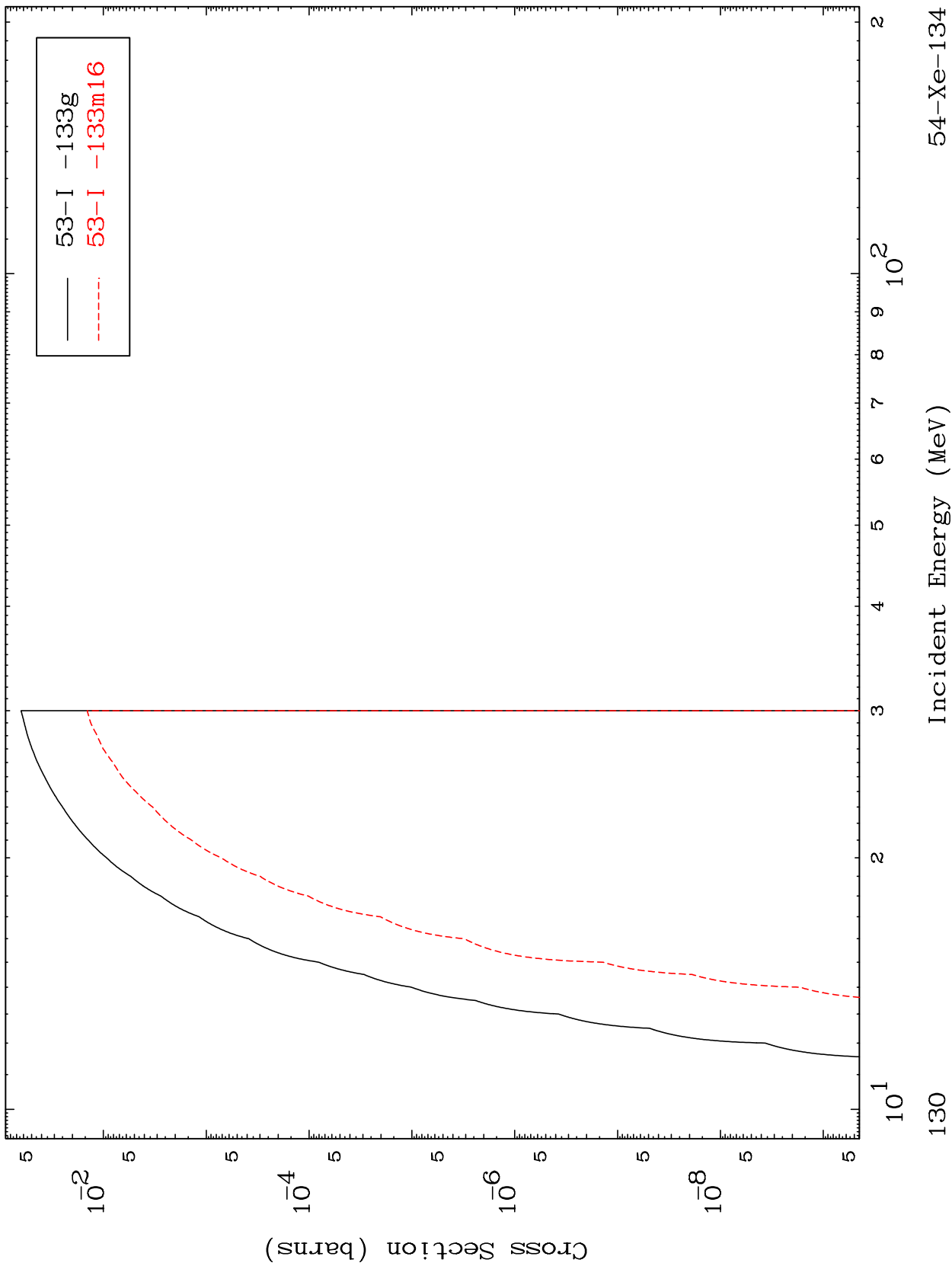
Incident Energy (MeV)

MAT 5455

(n,n') p

54-Xe-134

Radionuclide Production Cross Section



54-Xe-134

Incident Energy (MeV)

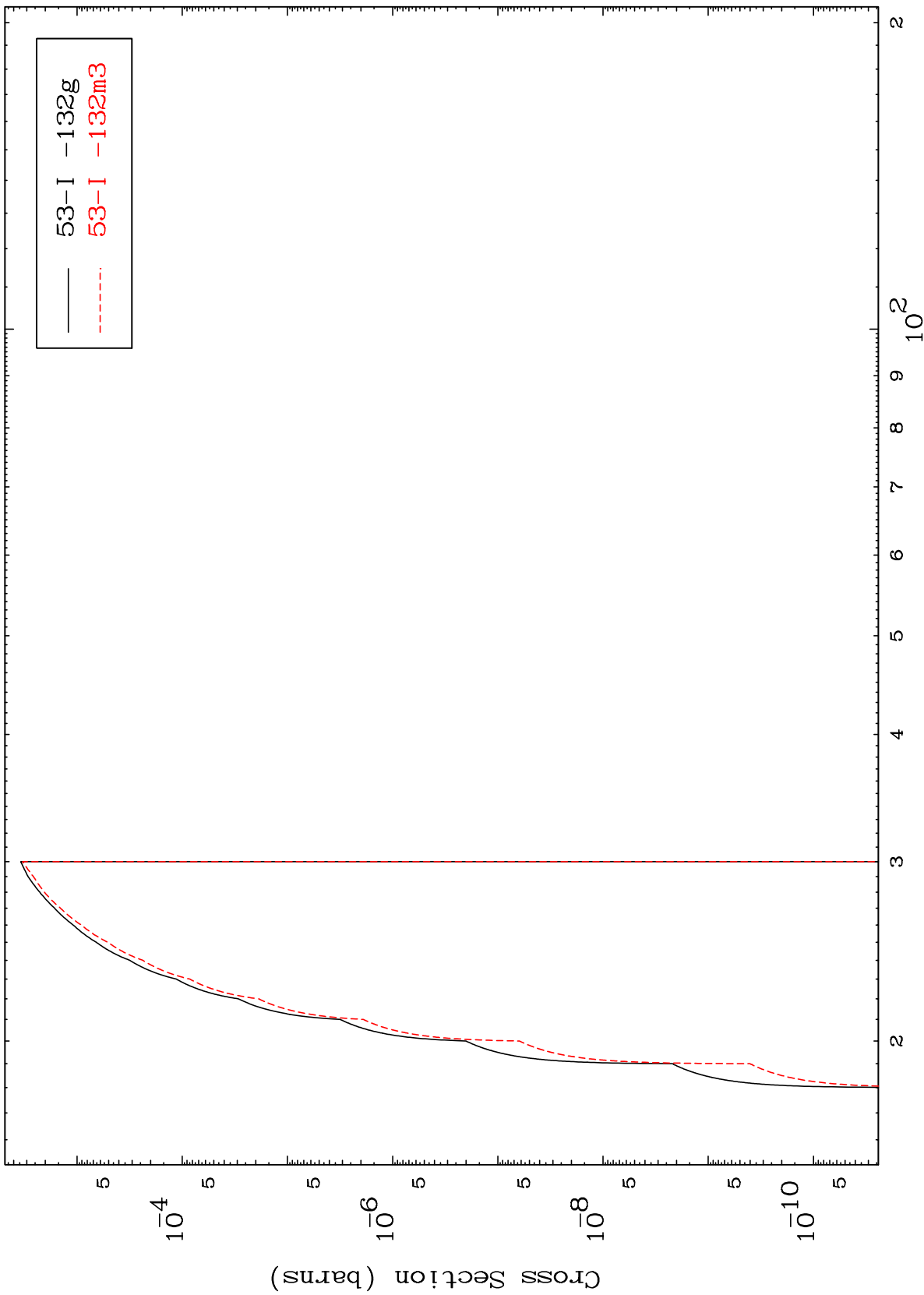
130

MAT 5455

(n,n') d

54-Xe-134

Radionuclide Production Cross Section



131

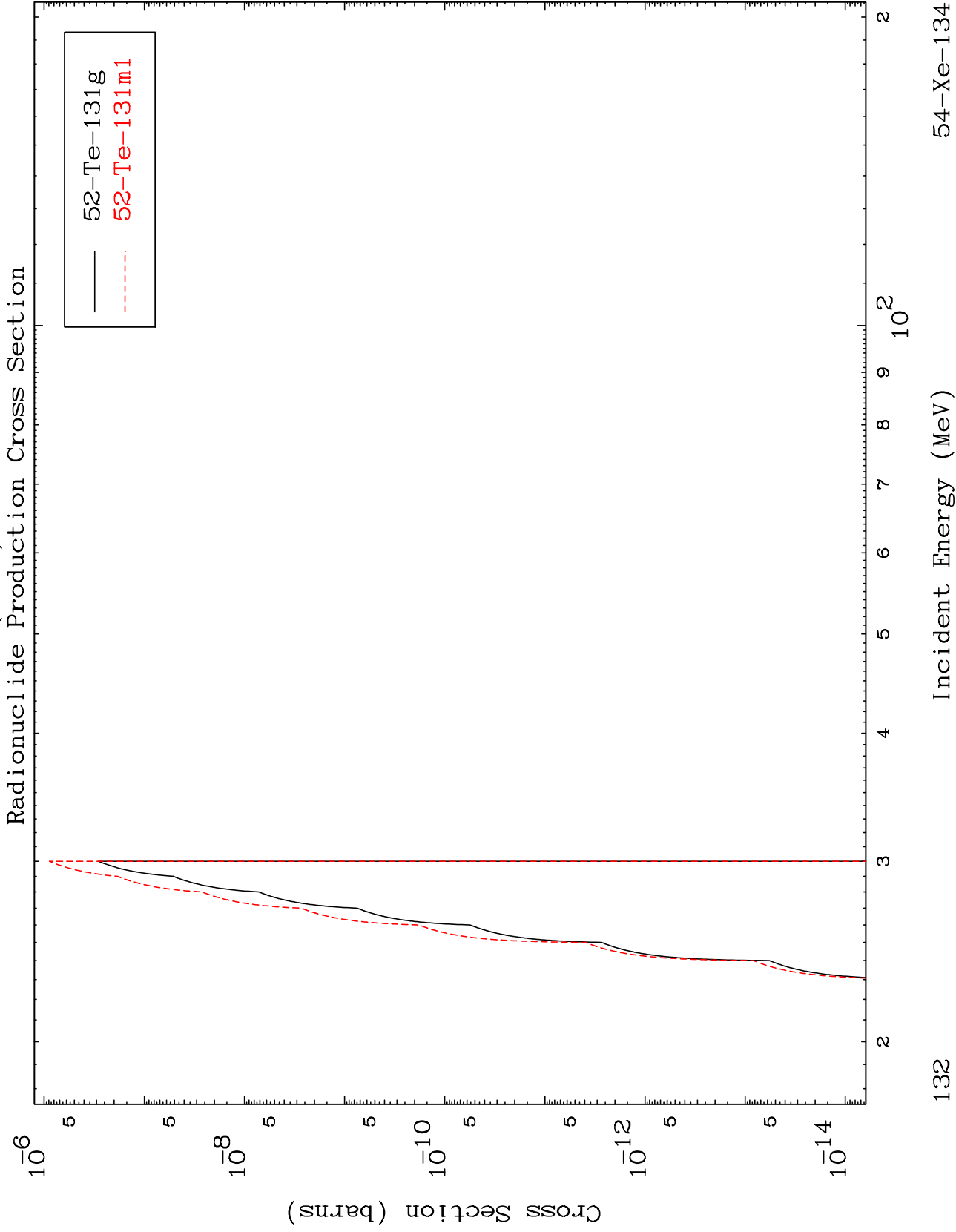
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,n') He-3

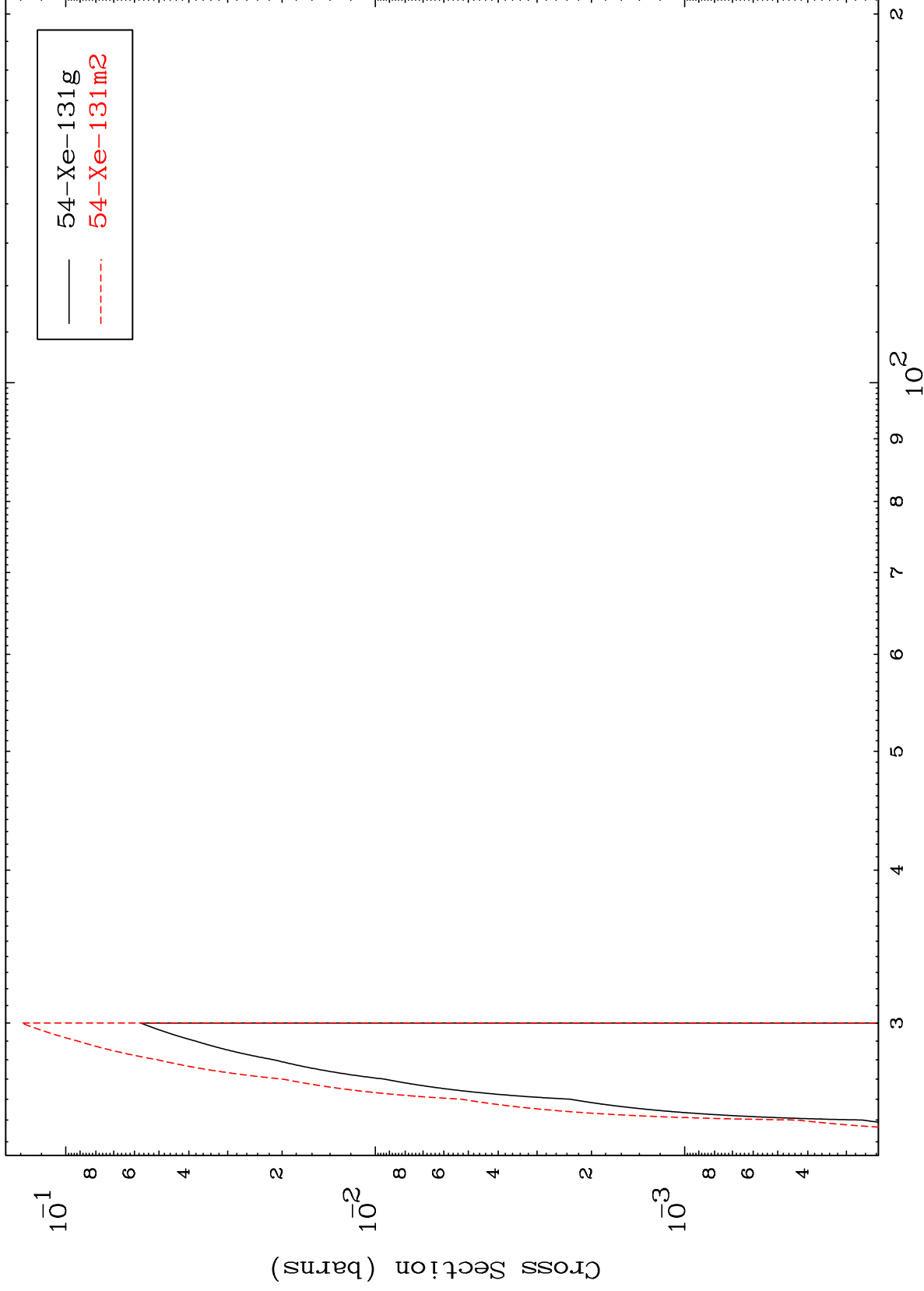
54-Xe-134



132

54-Xe-134

Radionuclide Production Cross Section

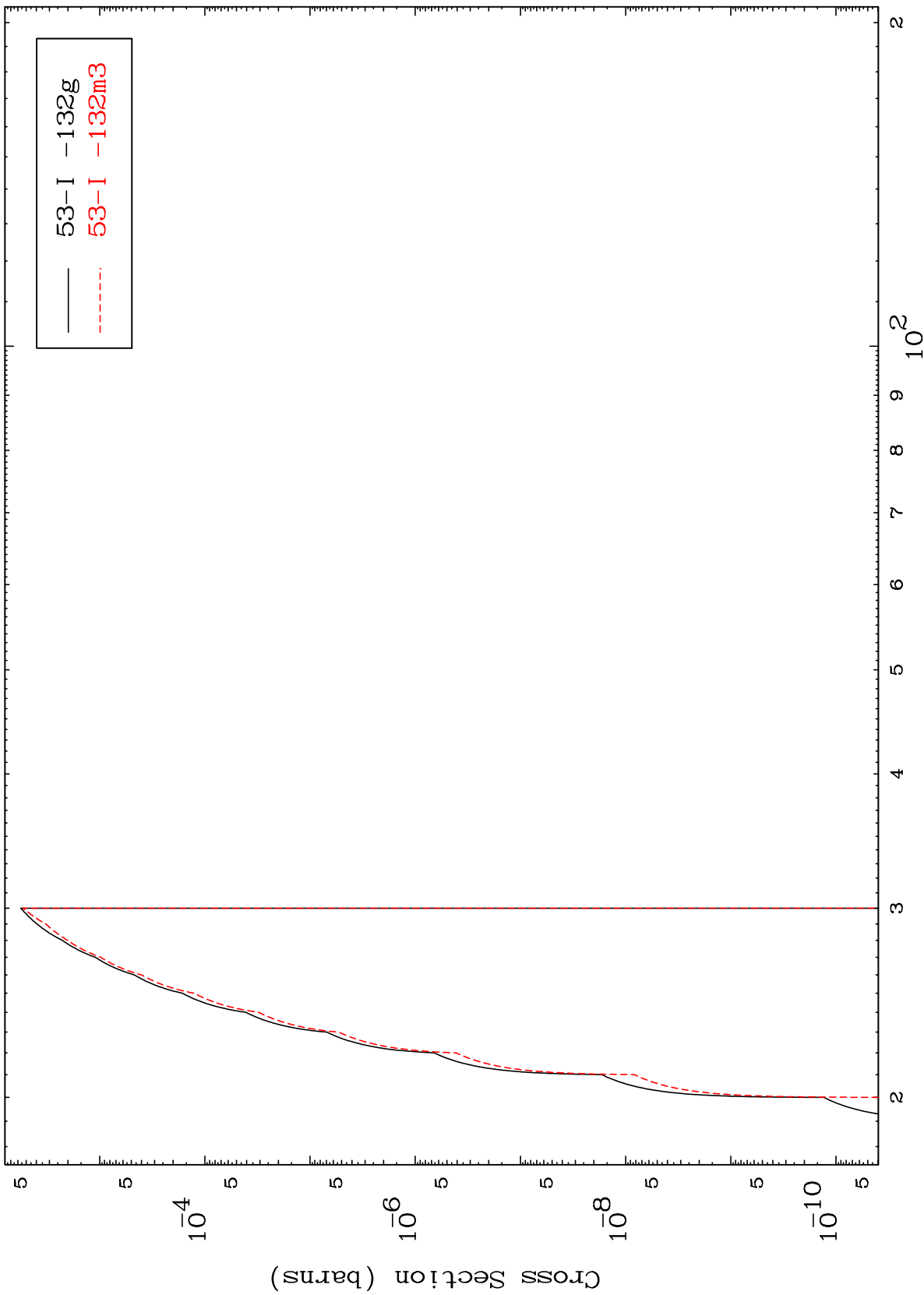


MAT 5455

(n,2n) p

54-Xe-134

Radionuclide Production Cross Section



134

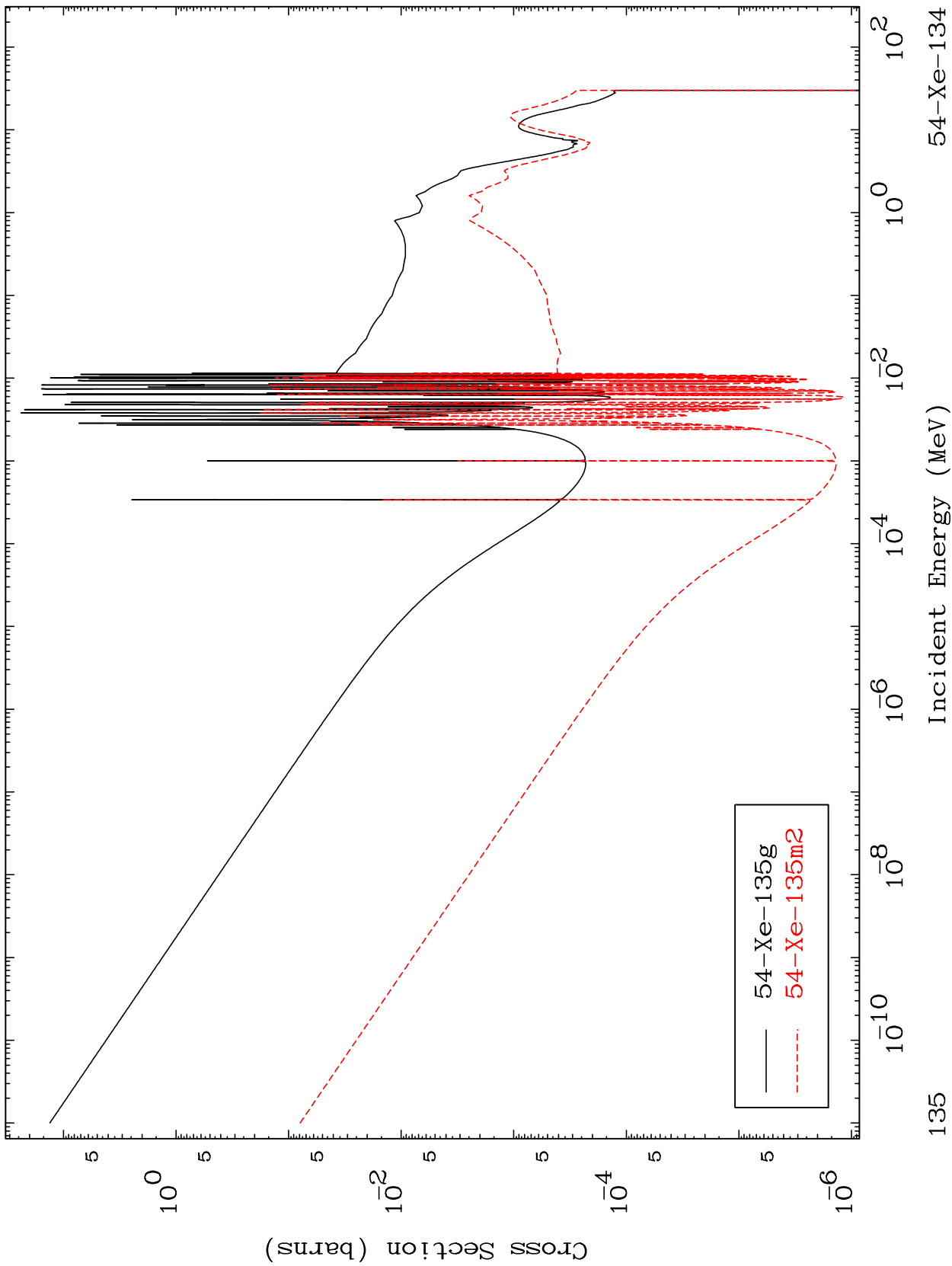
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

Radionuclide Production Cross Section
(n, γ)

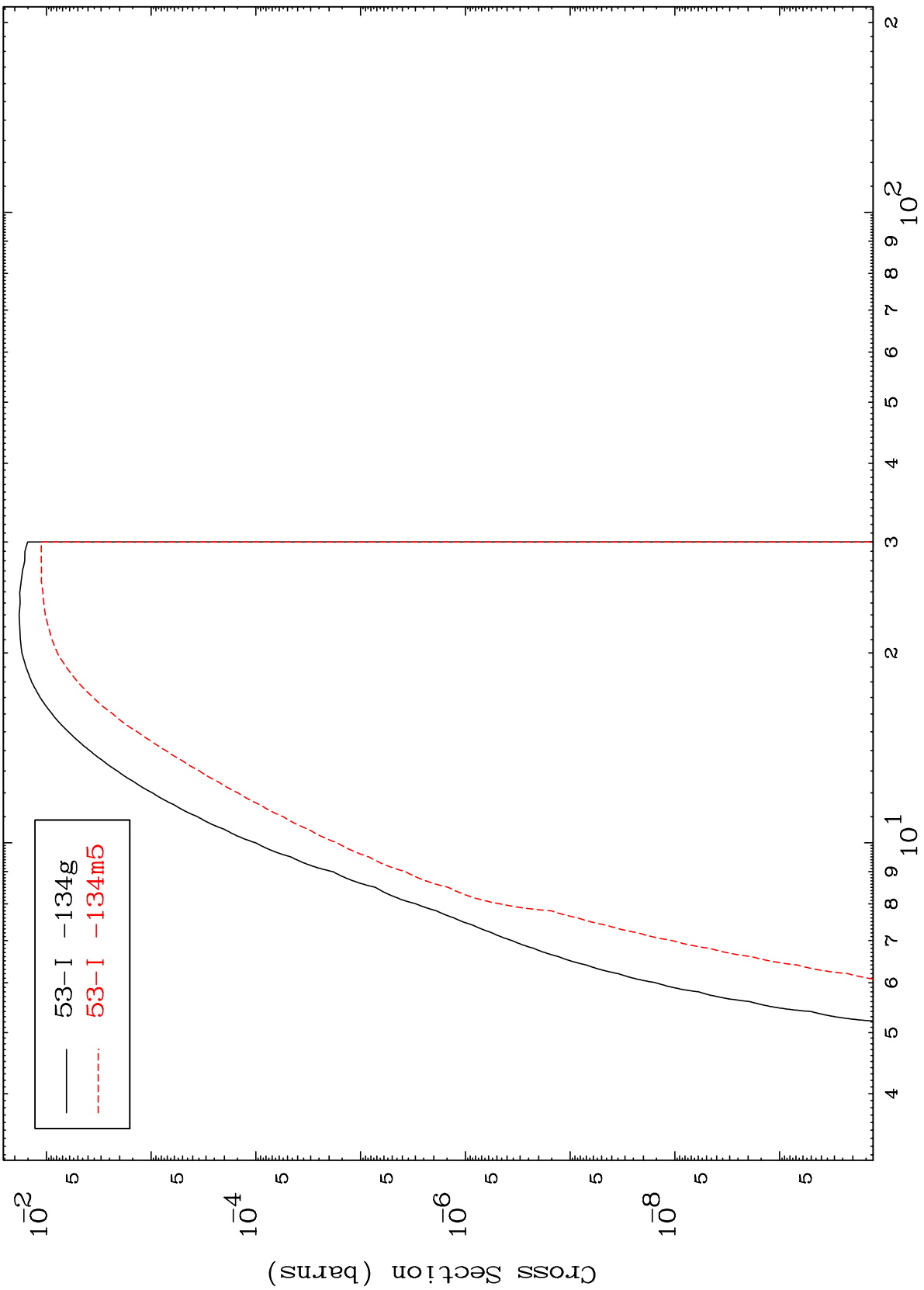


135

MAT 5455

54-Xe-134

(n,p)
Radionuclide Production Cross Section



— 53-I -134g
- - - 53-I -134m5

54-Xe-134

Incident Energy (MeV)

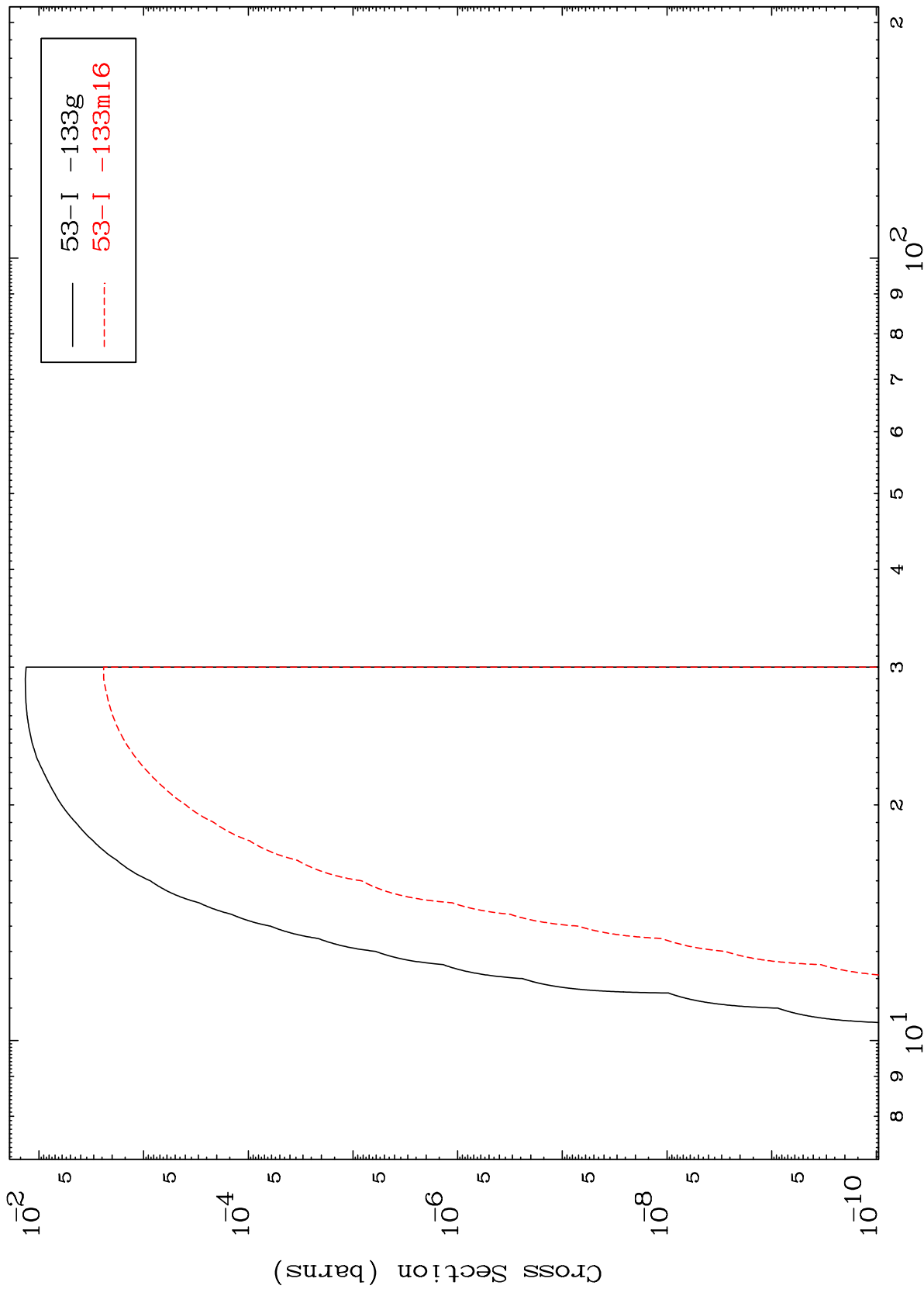
136

MAT 5455

(n,d)

54-Xe-134

Radionuclide Production Cross Section



137

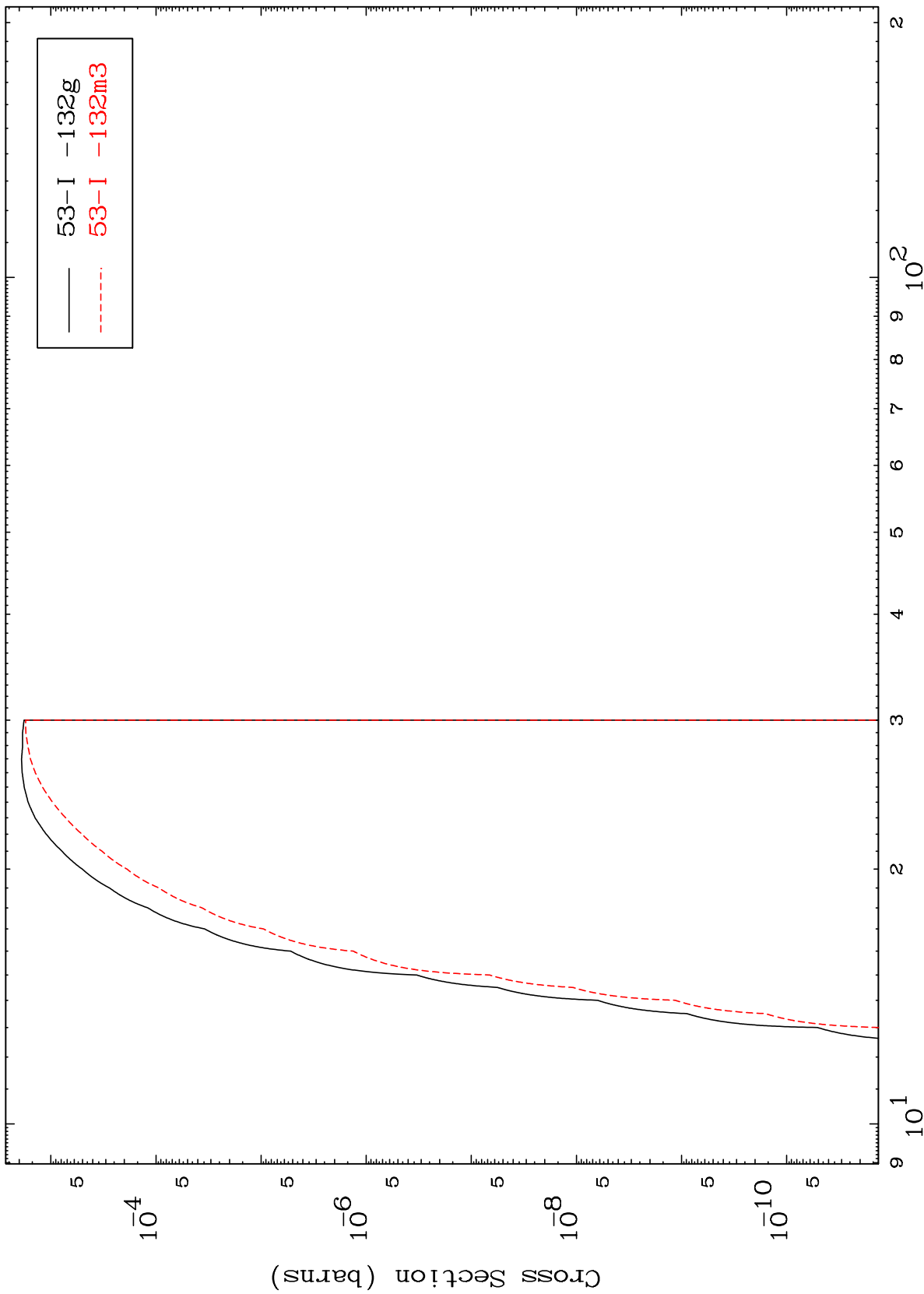
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n,t)
Radionuclide Production Cross Section



54-Xe-134

Incident Energy (MeV)

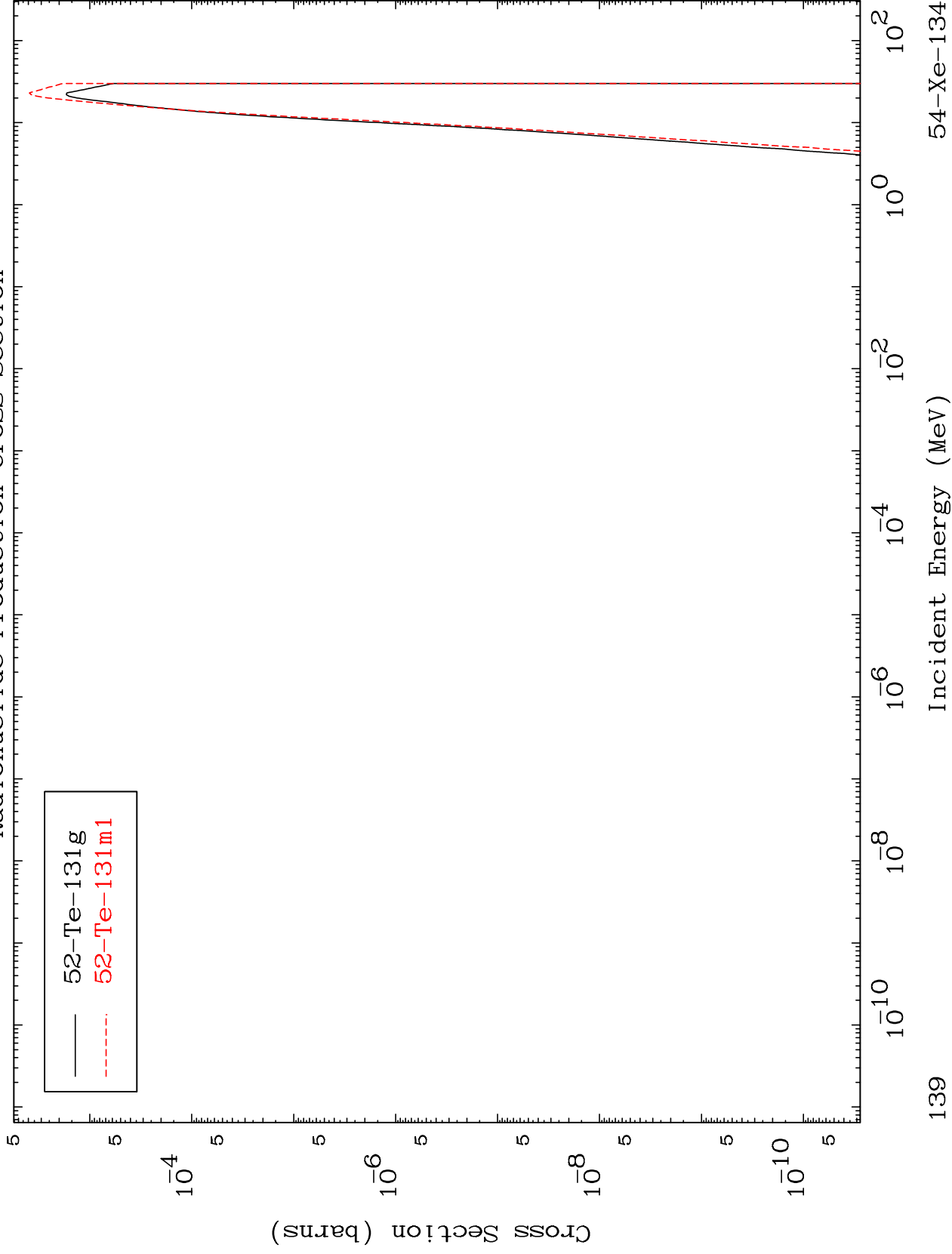
138

MAT 5455

(n, α)

⁵⁴Xe-134

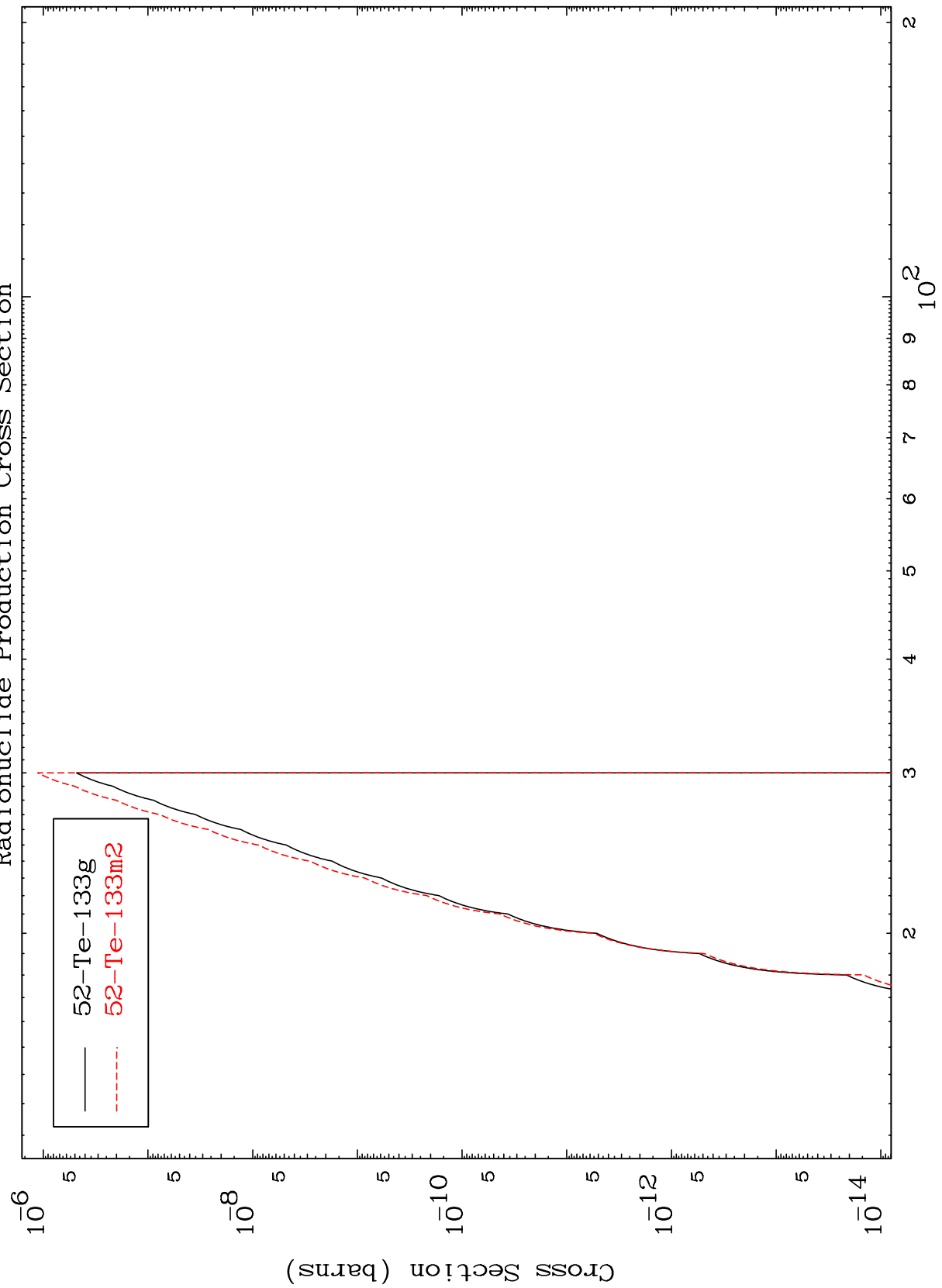
Radionuclide Production Cross Section



MAT 5455

54-Xe-134

(n,2p)
Radionuclide Production Cross Section



Incident Energy (MeV)

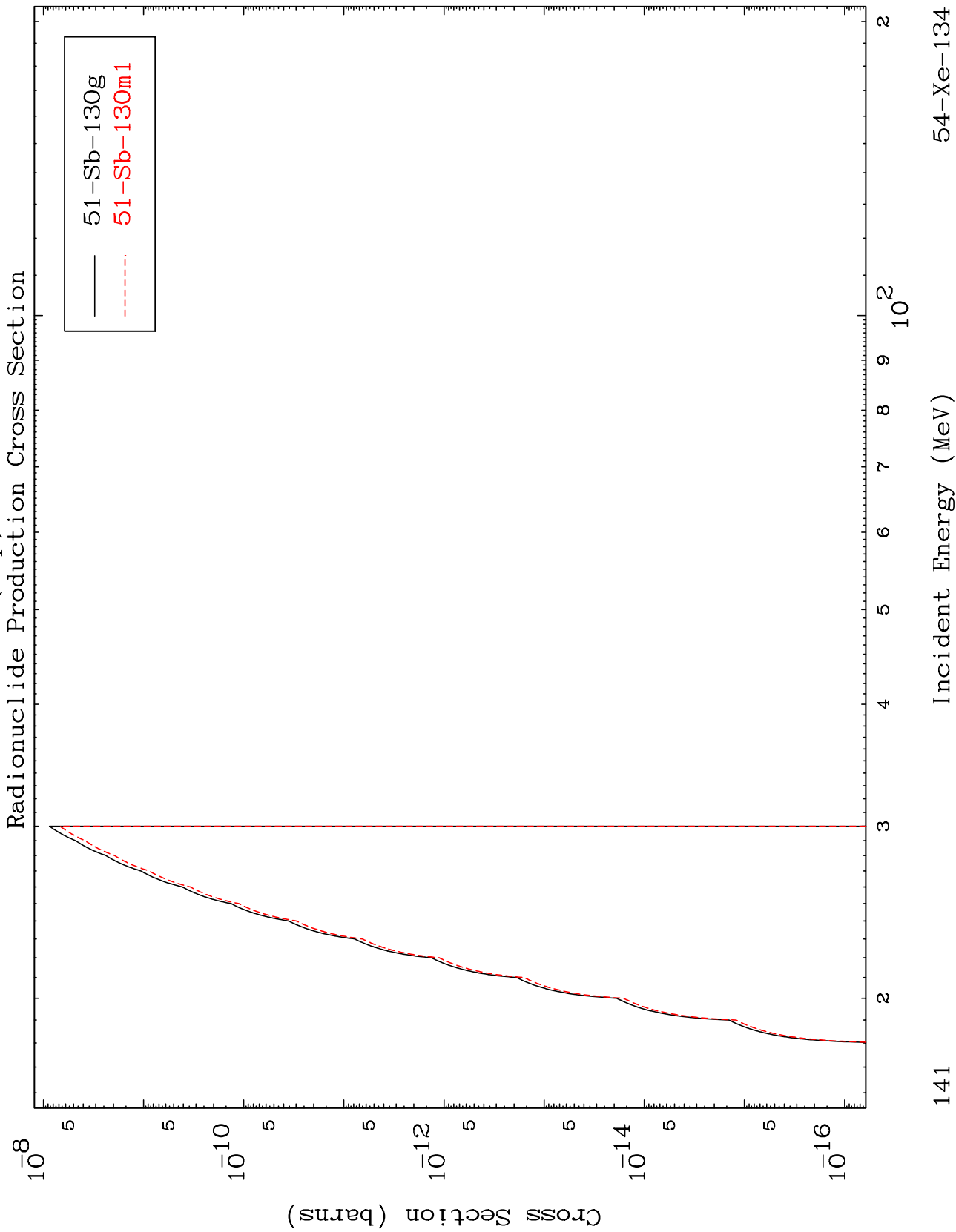
54-Xe-134

140

MAT 5455

(n,p) α

54-Xe-134



141

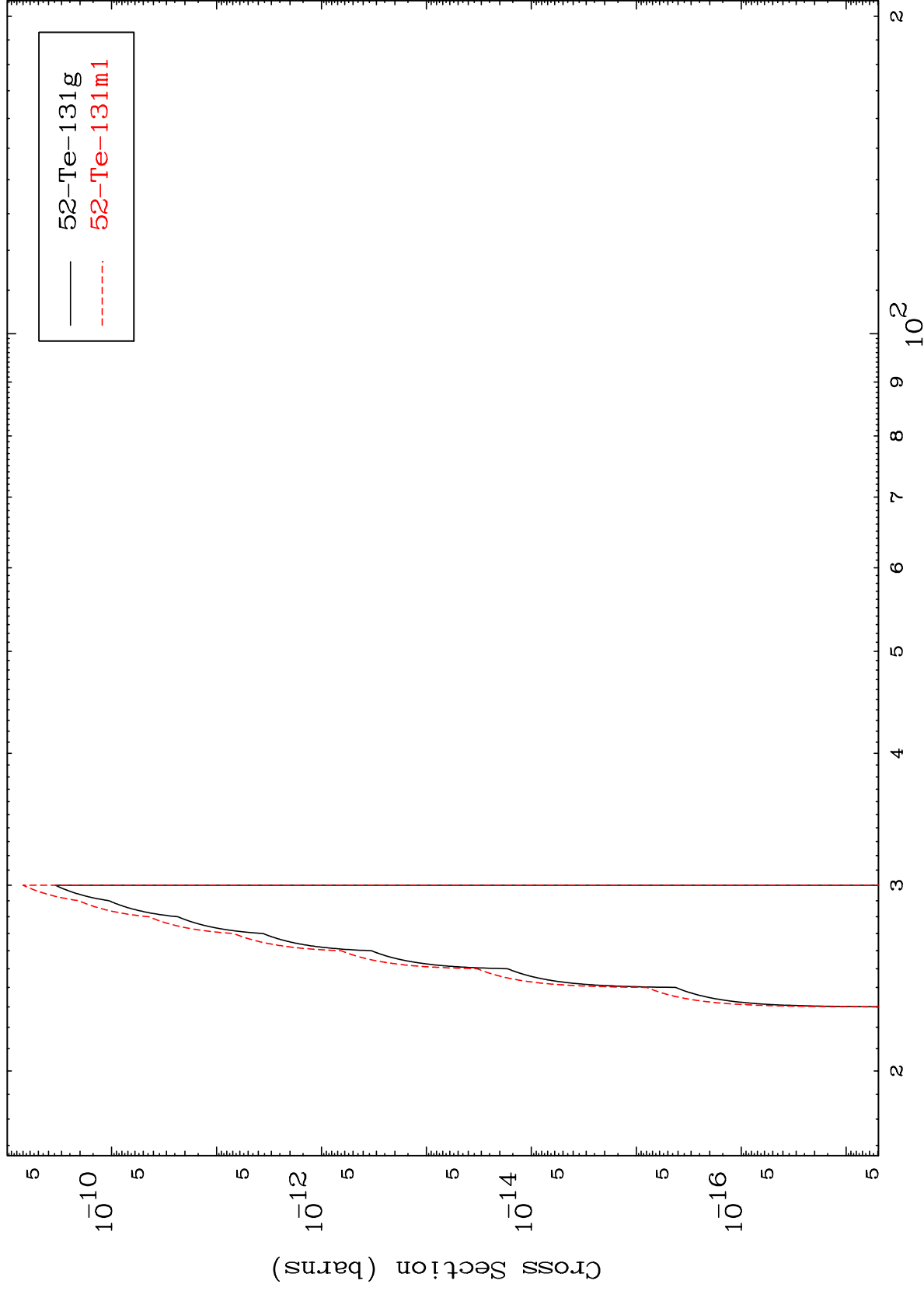
54-Xe-134

MAT 5455

(n,p) t

54-Xe-134

Radionuclide Production Cross Section



142

Incident Energy (MeV)

54-Xe-134