

Program EVALPLOT
(Version 2021-1)

by

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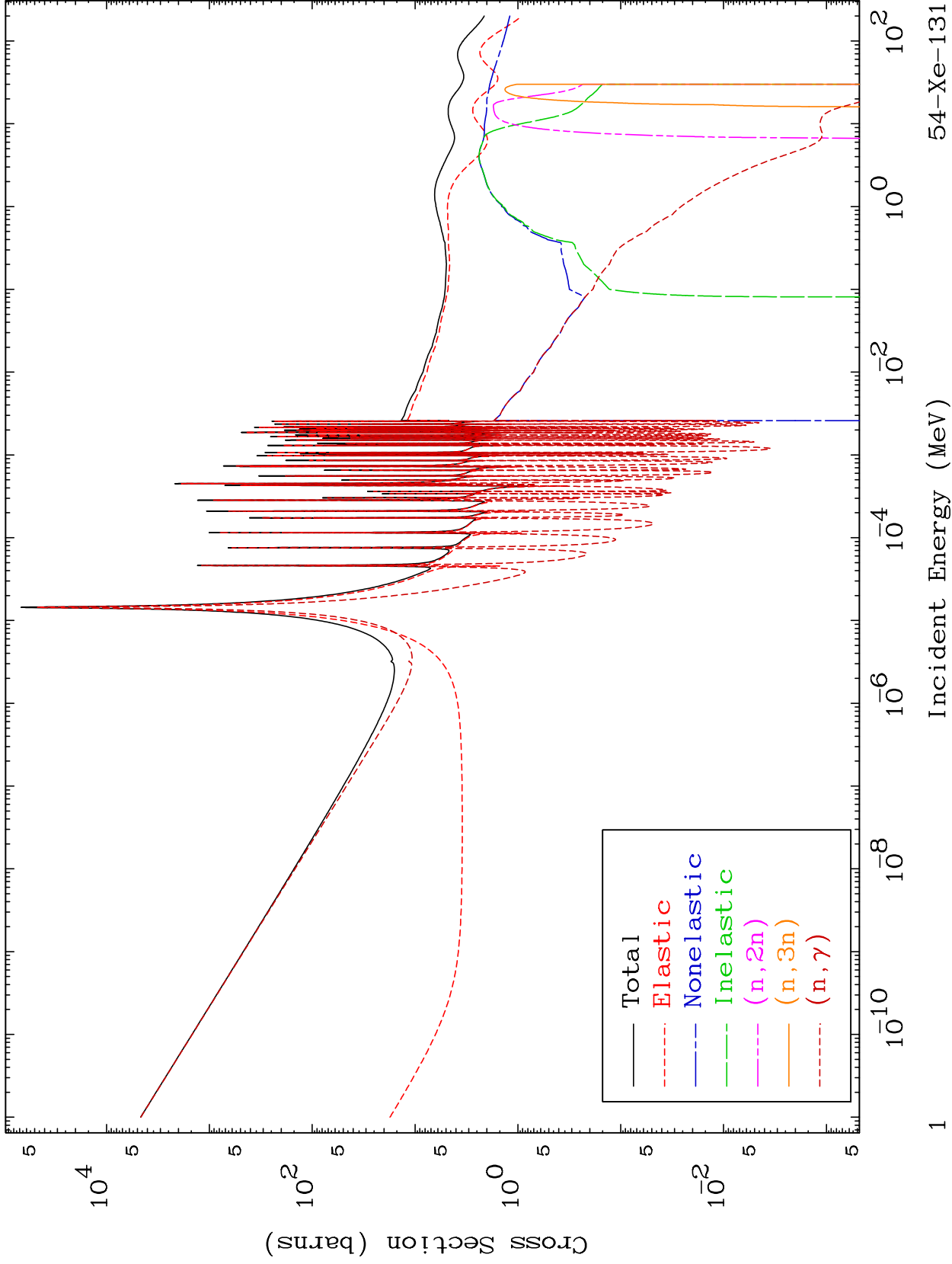
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Press Mouse Button to Start

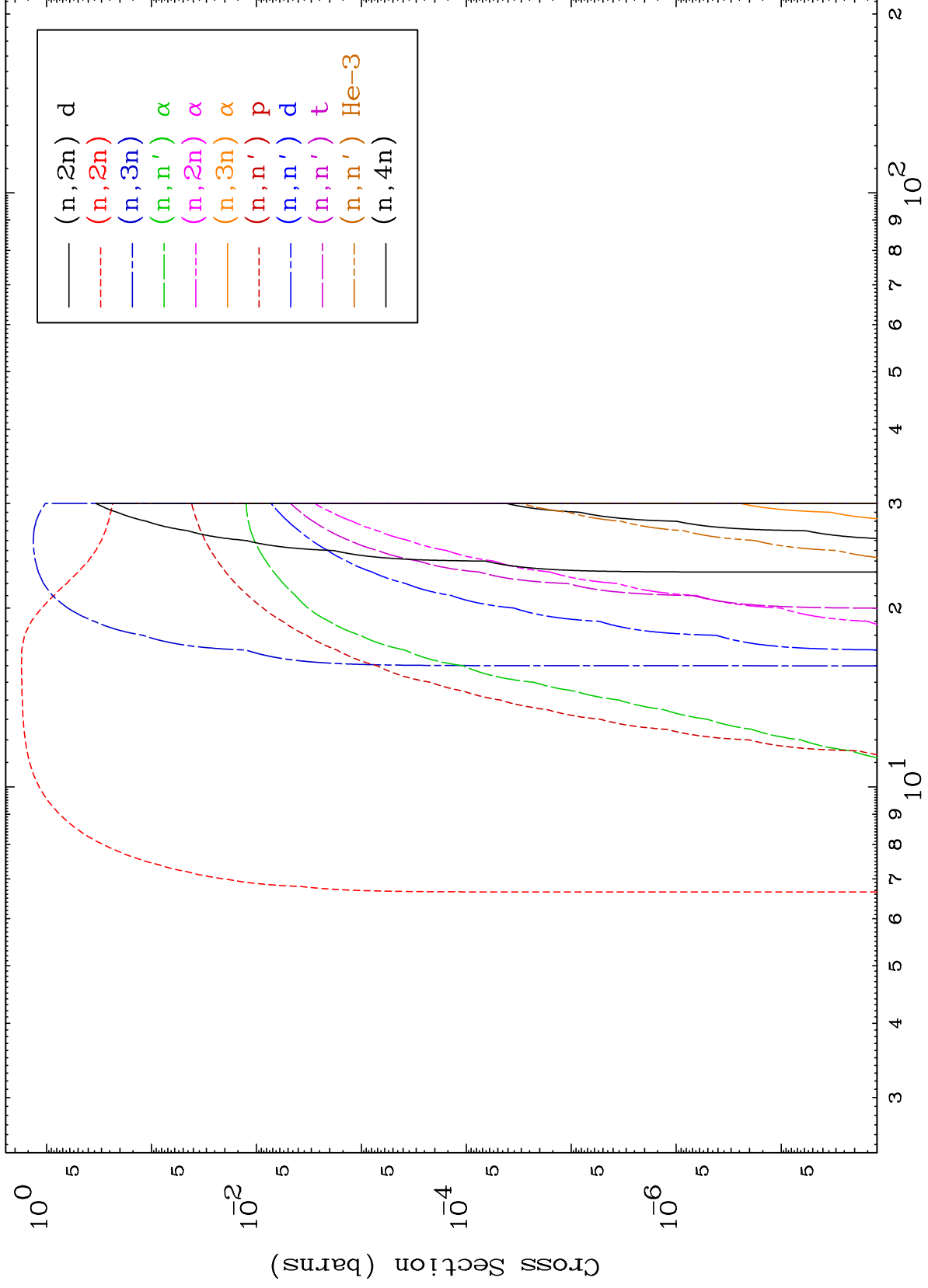
MAT 5446

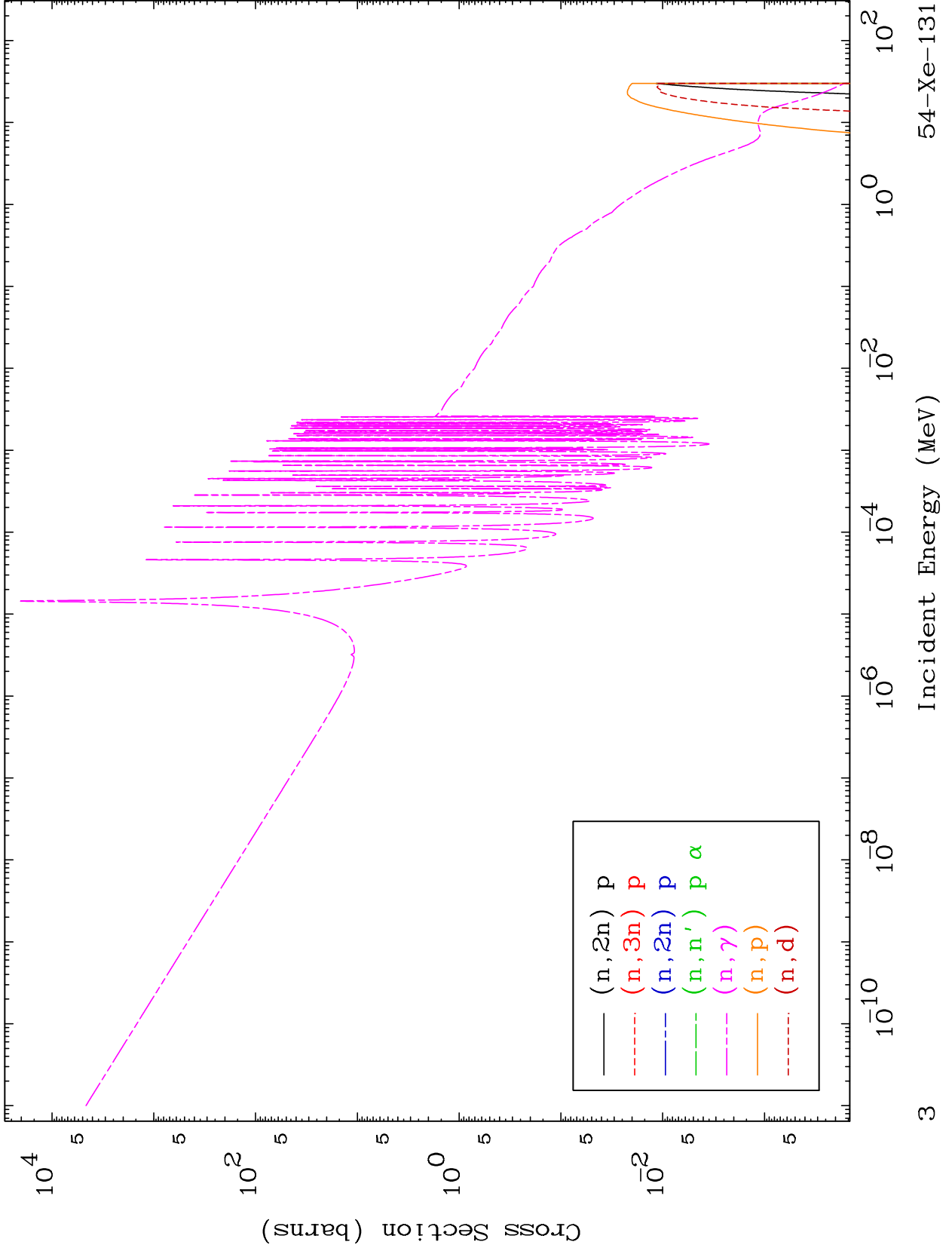
Neutron Major
293 Kelvin Cross Sections

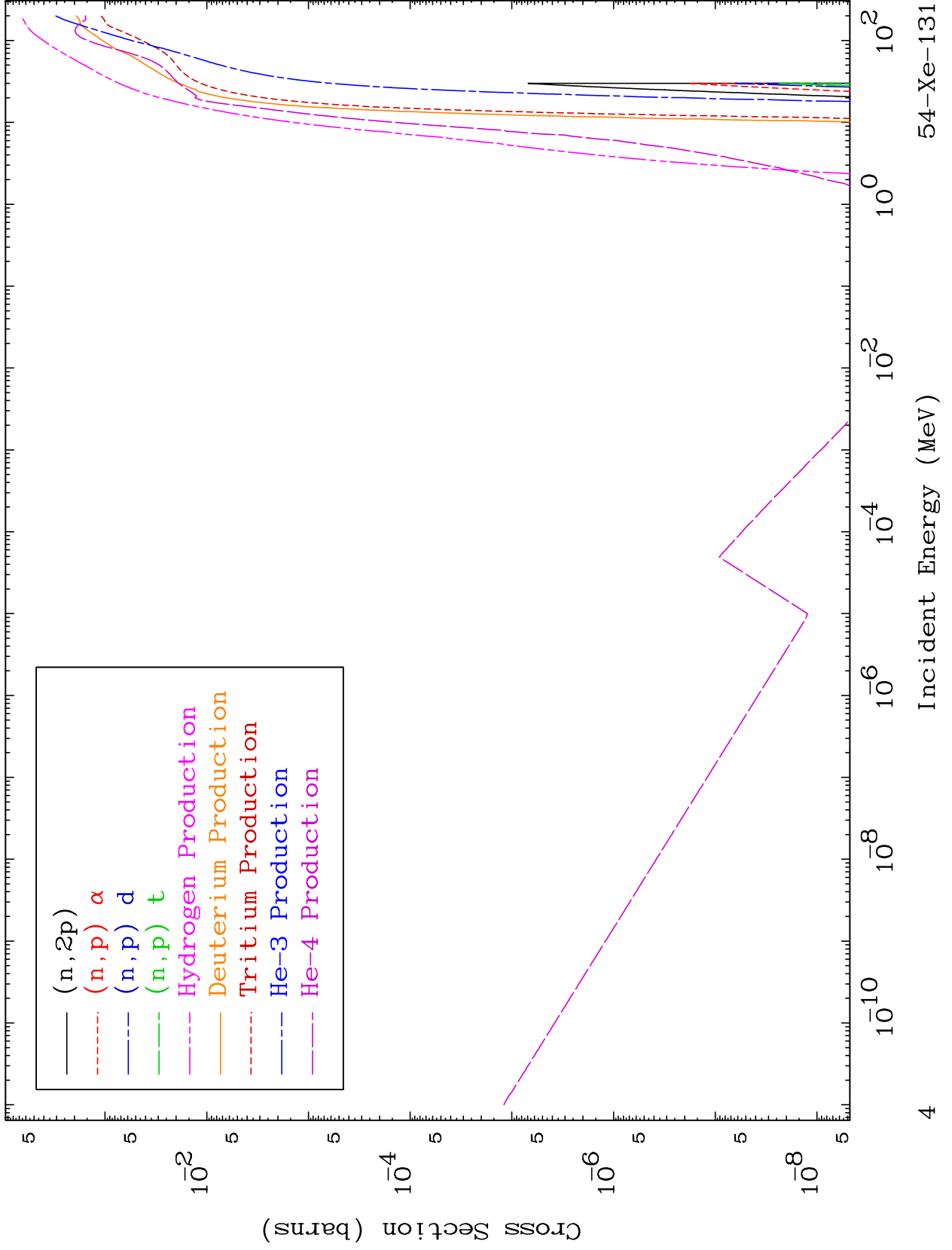
54-Xe-131



54-Xe-131



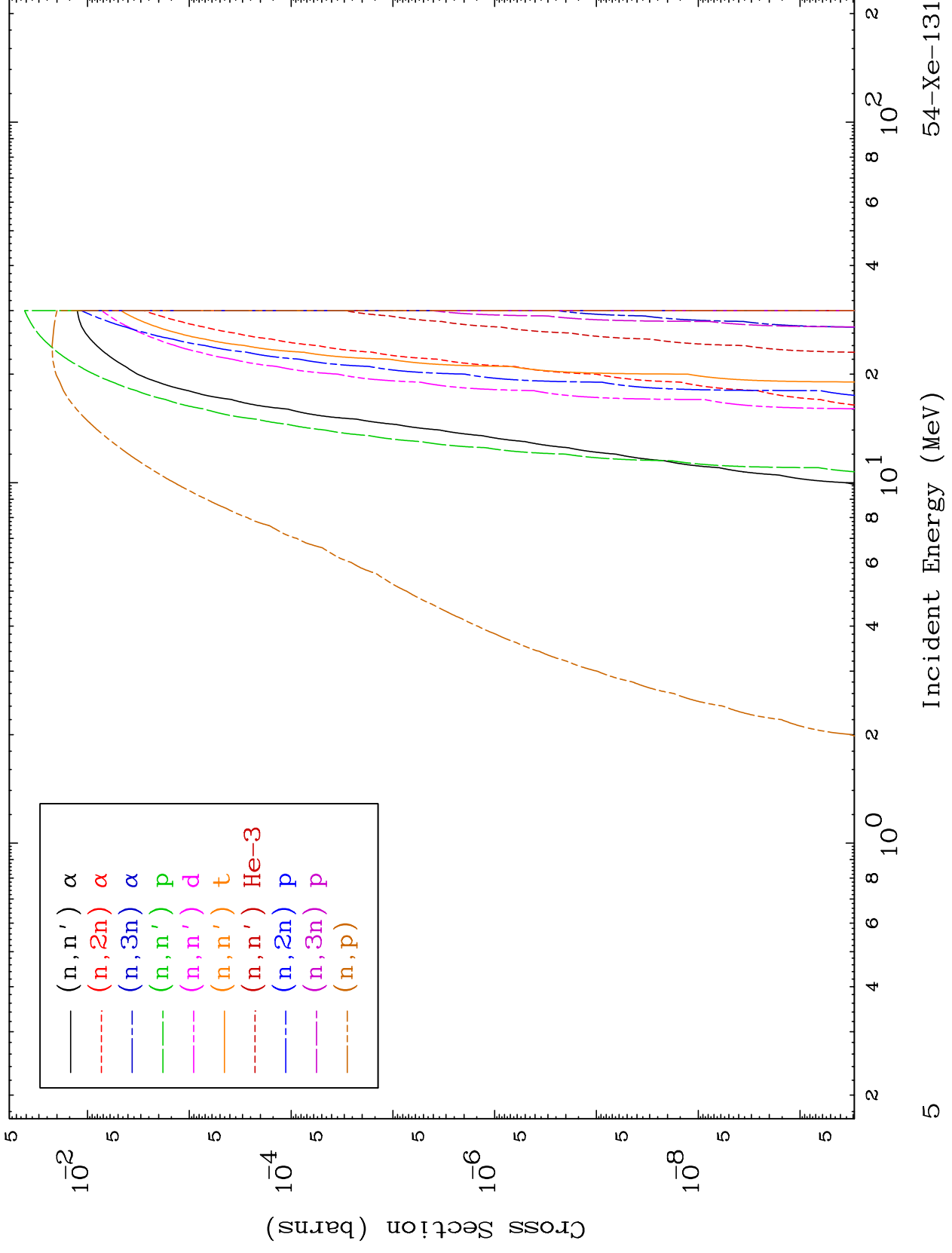




MAT 5446

Charged Particle
293 Kelvin Cross Sections

54-Xe-131



5

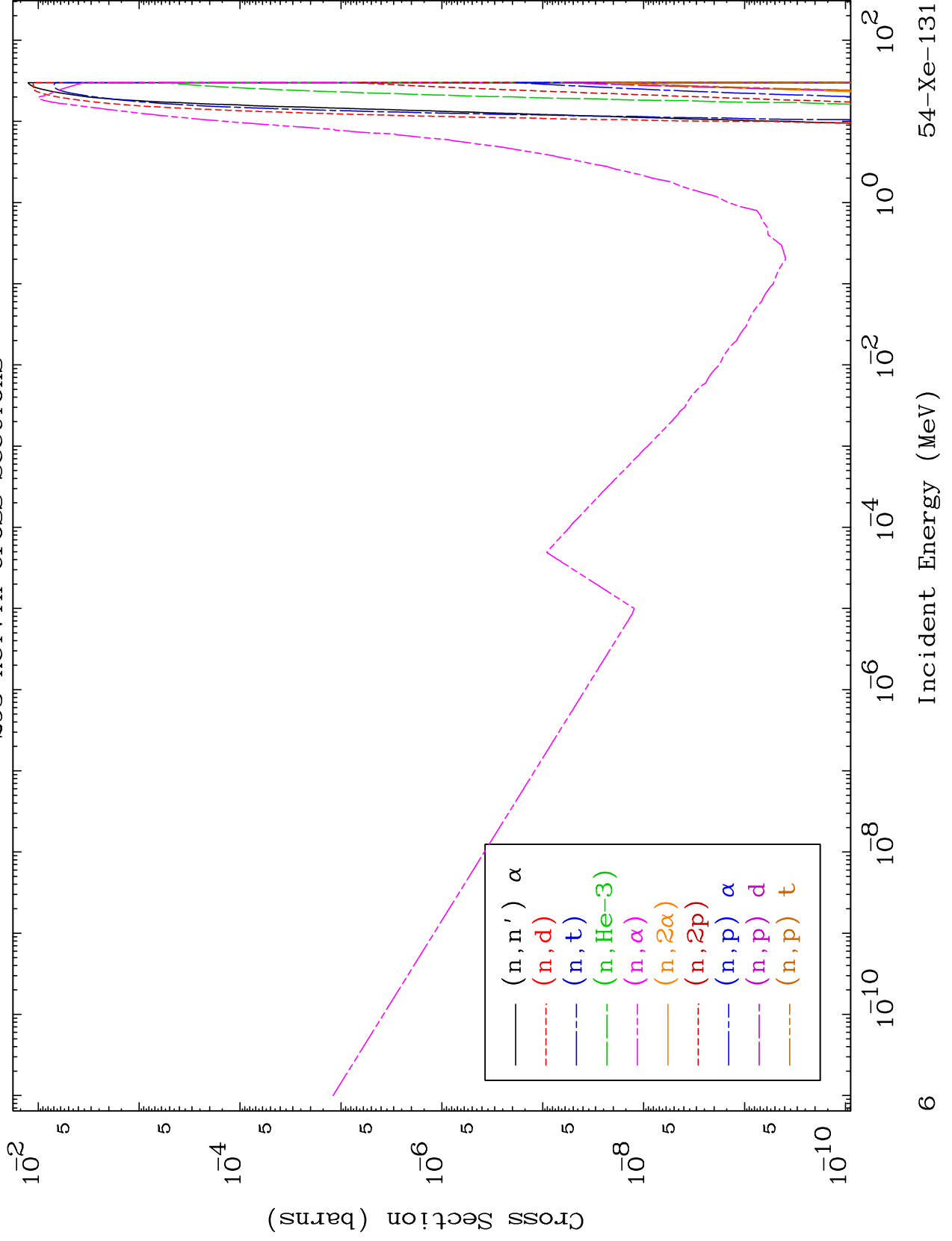
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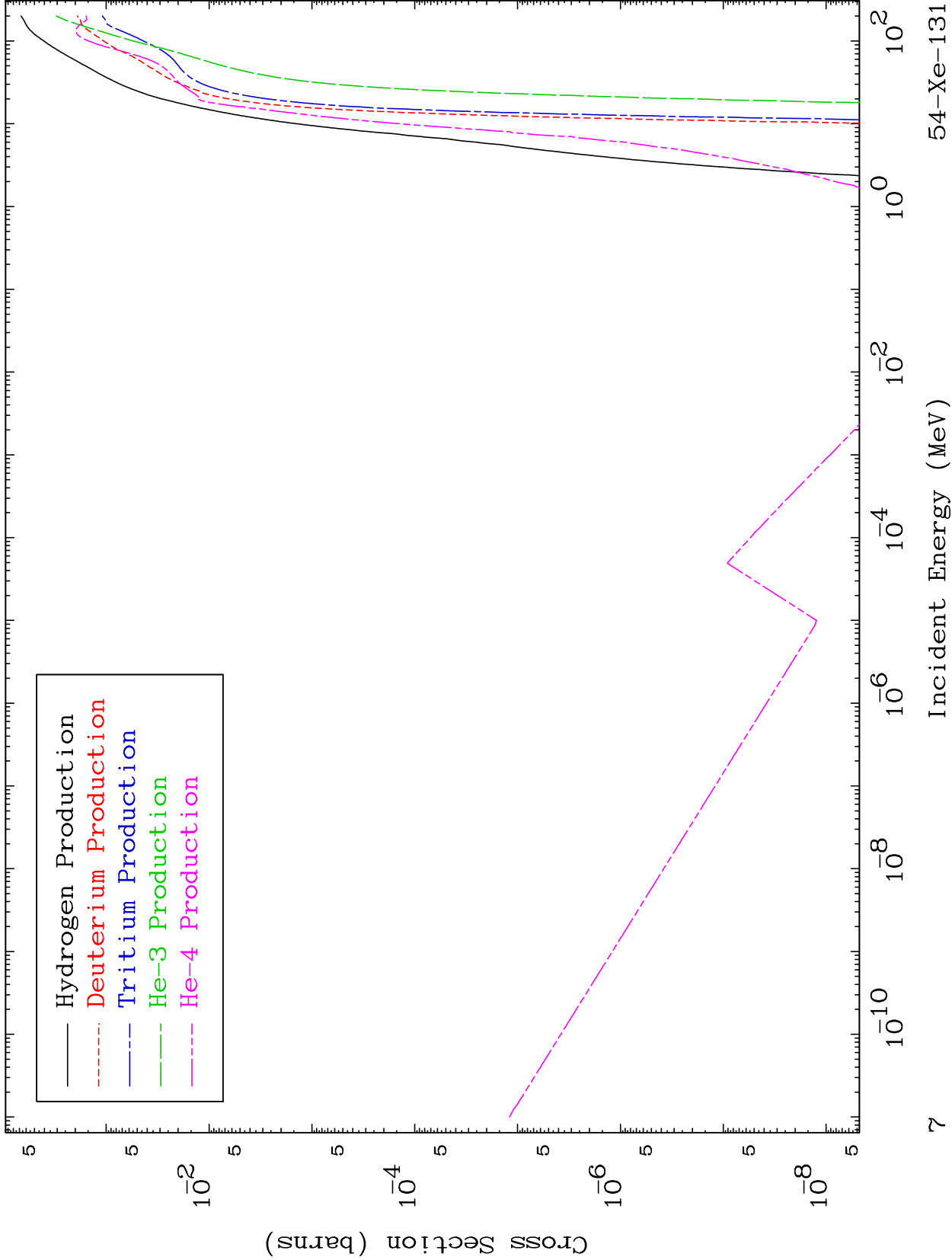
54-Xe-131

MAT 5446

Charged Particle
293 Kelvin Cross Sections

54-Xe-131



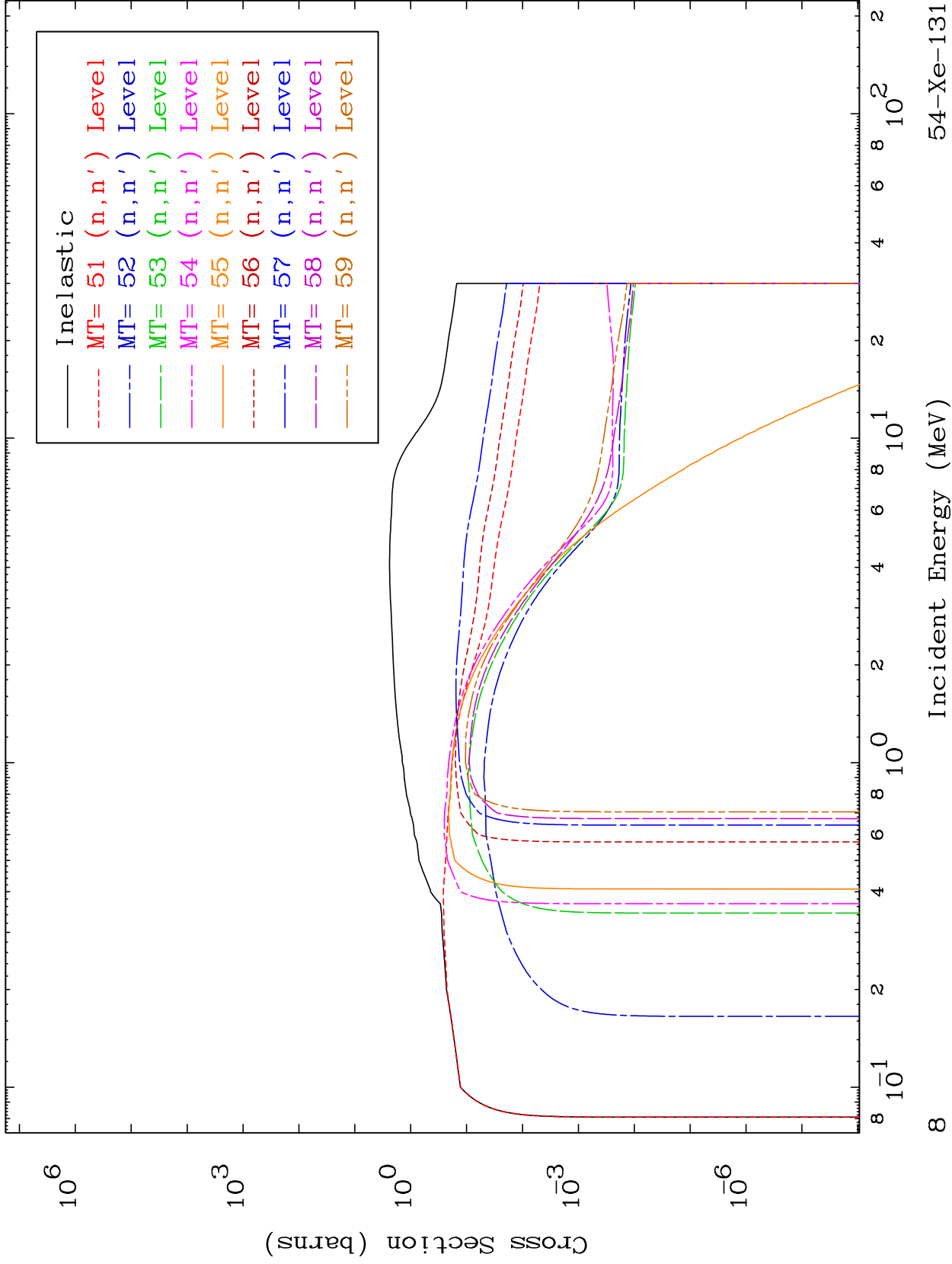


MAT 5446

(n,n') Levels

54-Xe-131

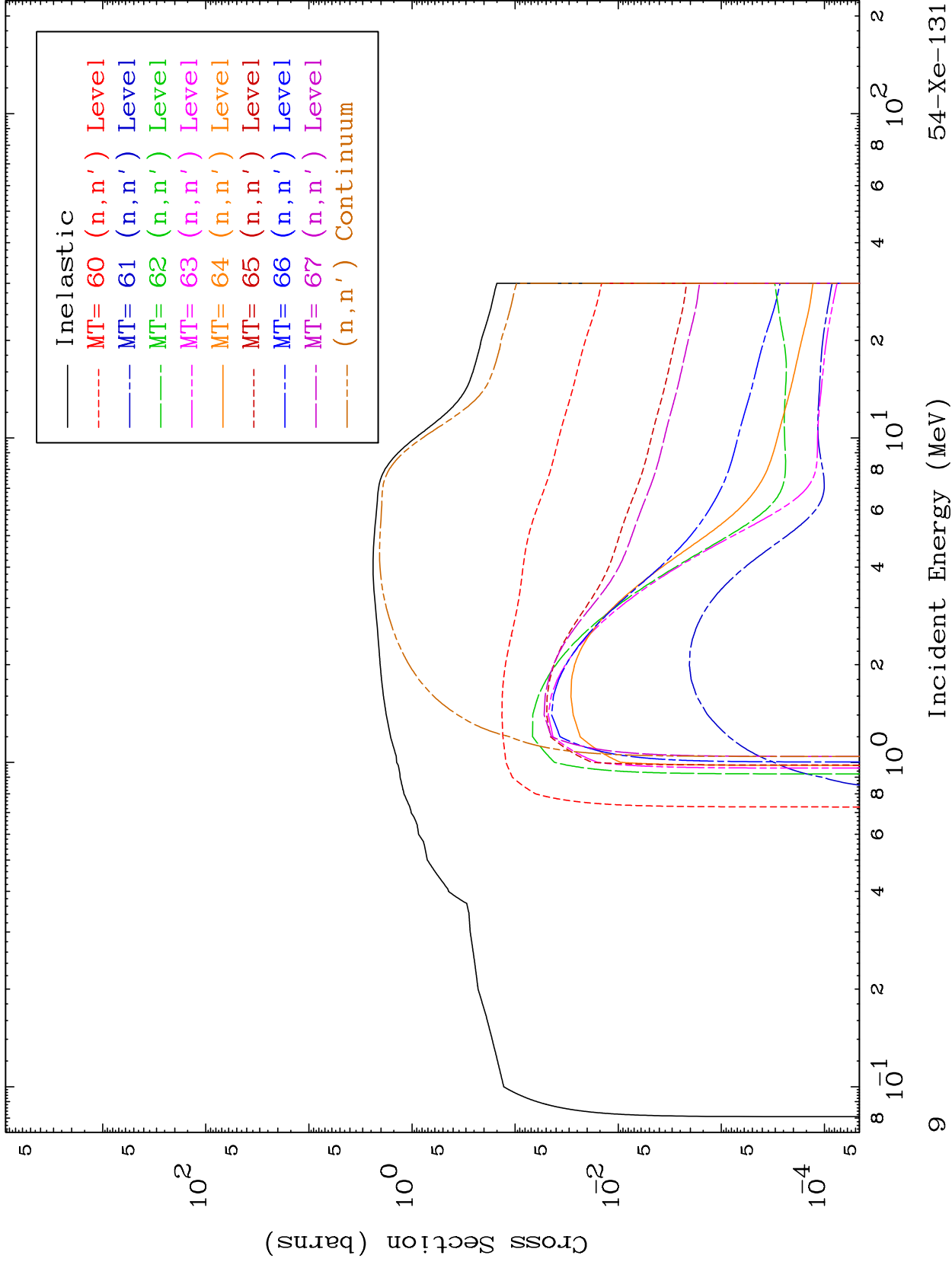
293 Kelvin Cross Sections



54-Xe-131

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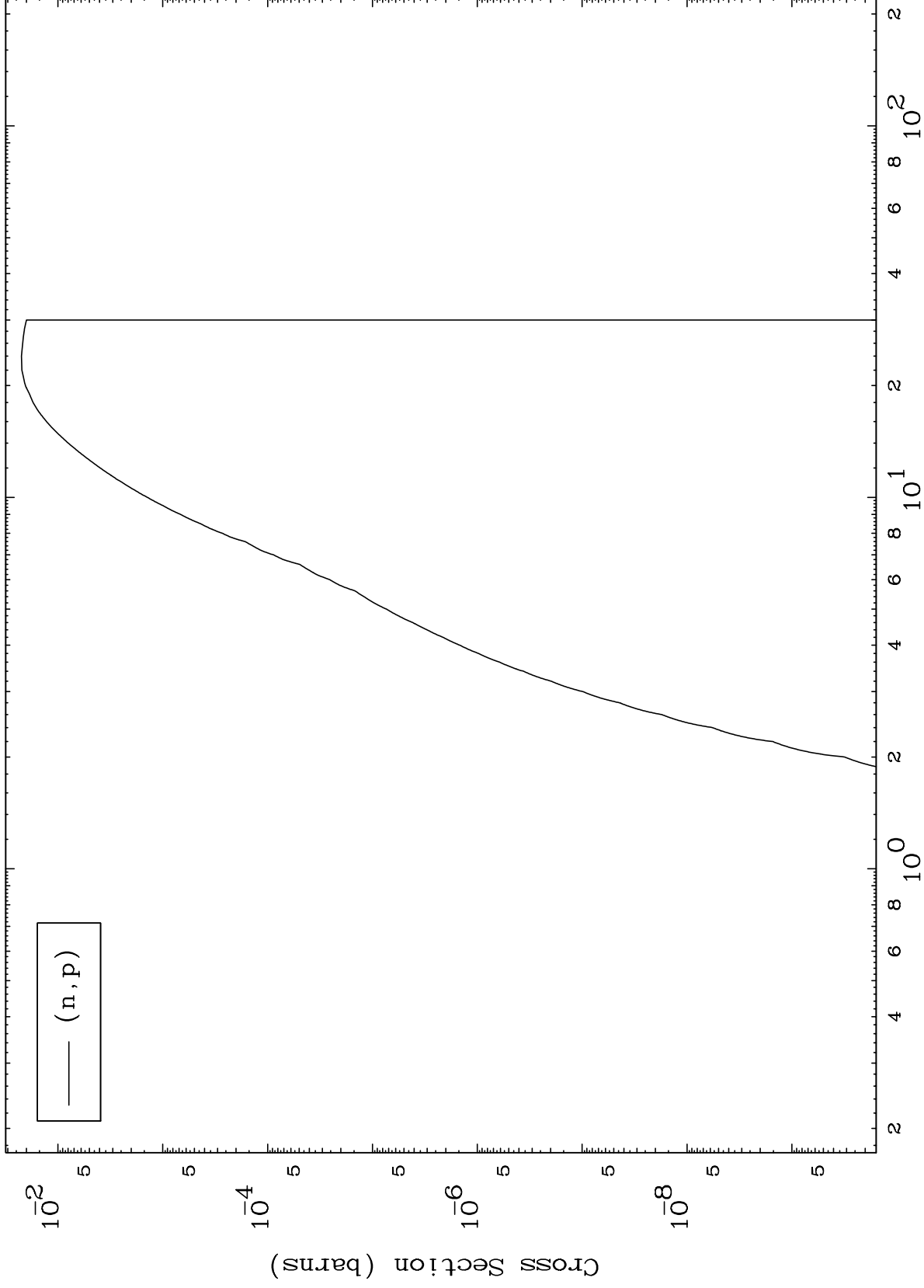
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MAT 5446

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-131



10

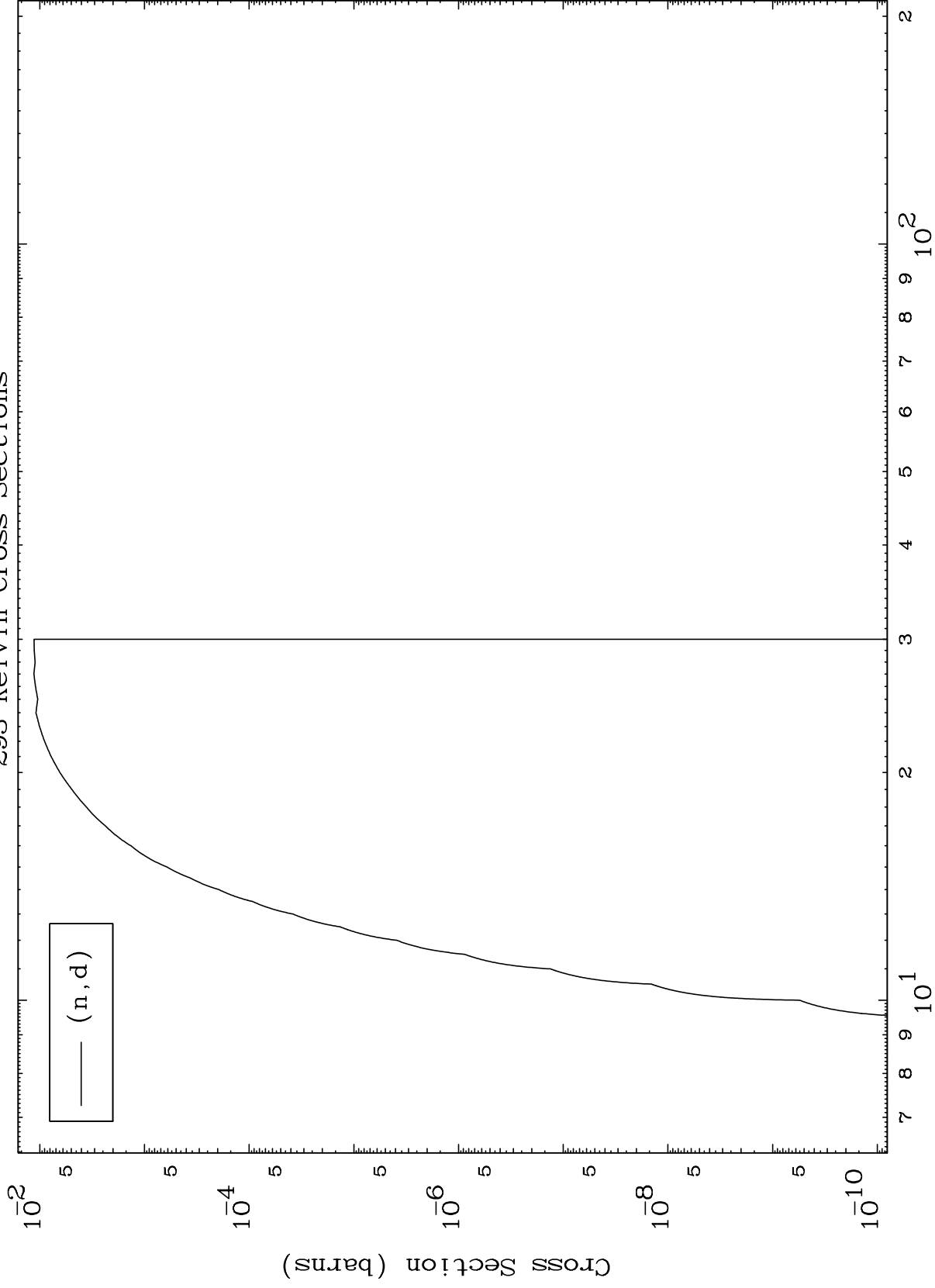
Incident Energy (MeV)

54-Xe-131

MAT 5446

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-131



11

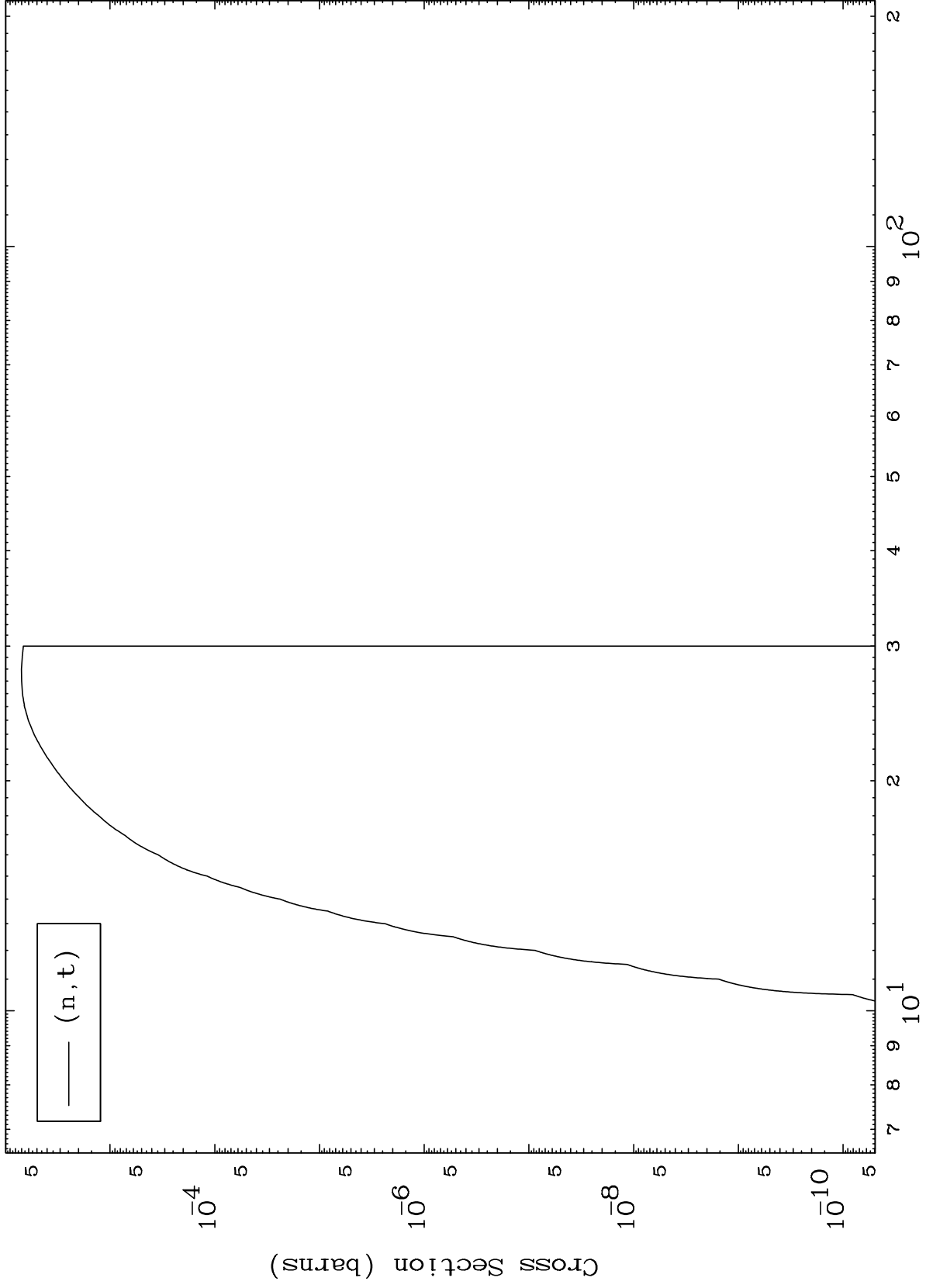
Incident Energy (MeV)

54-Xe-131

MAT 5446

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-131



12

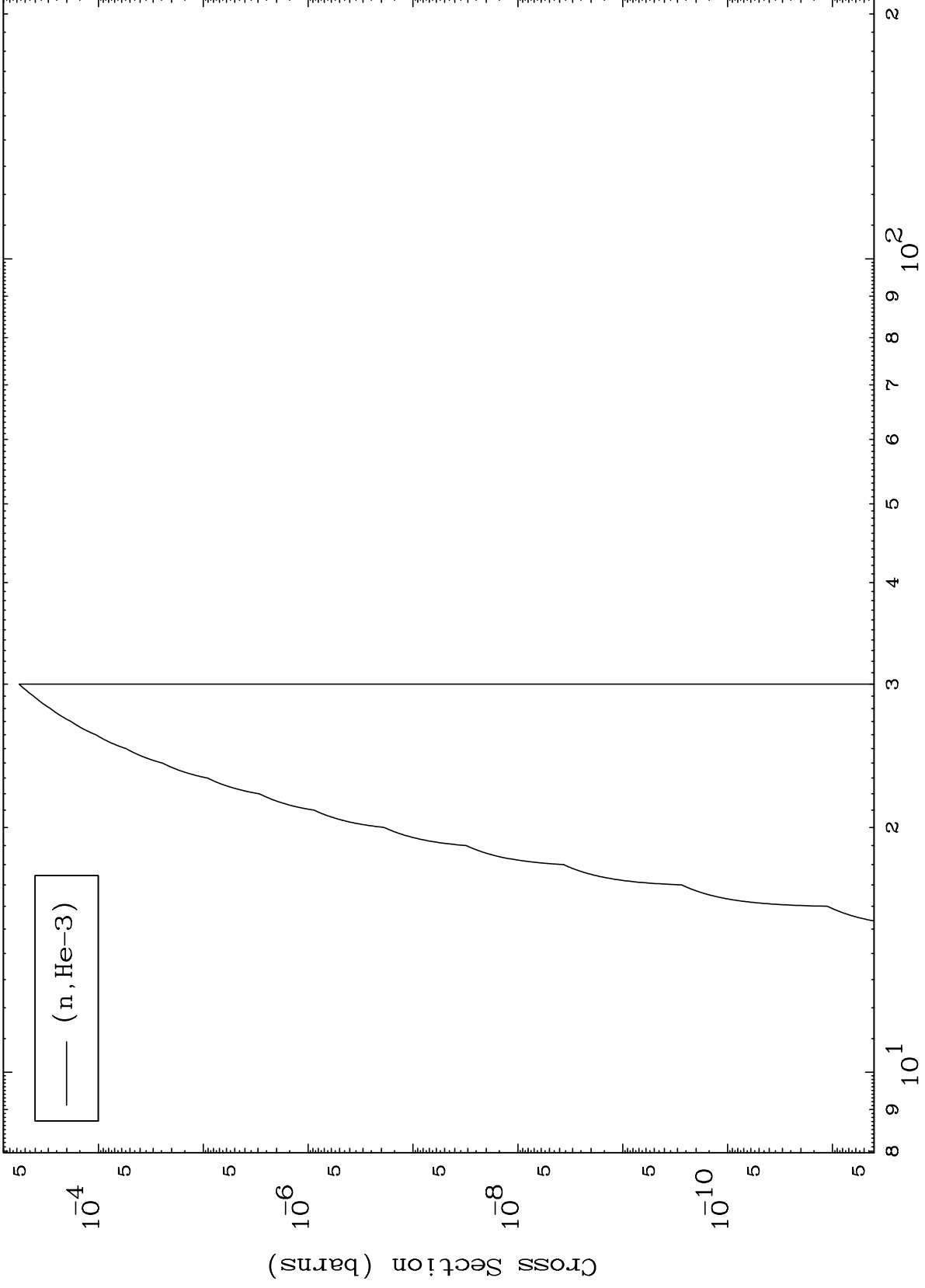
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54-Xe-131

MAT 5446

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-131



13

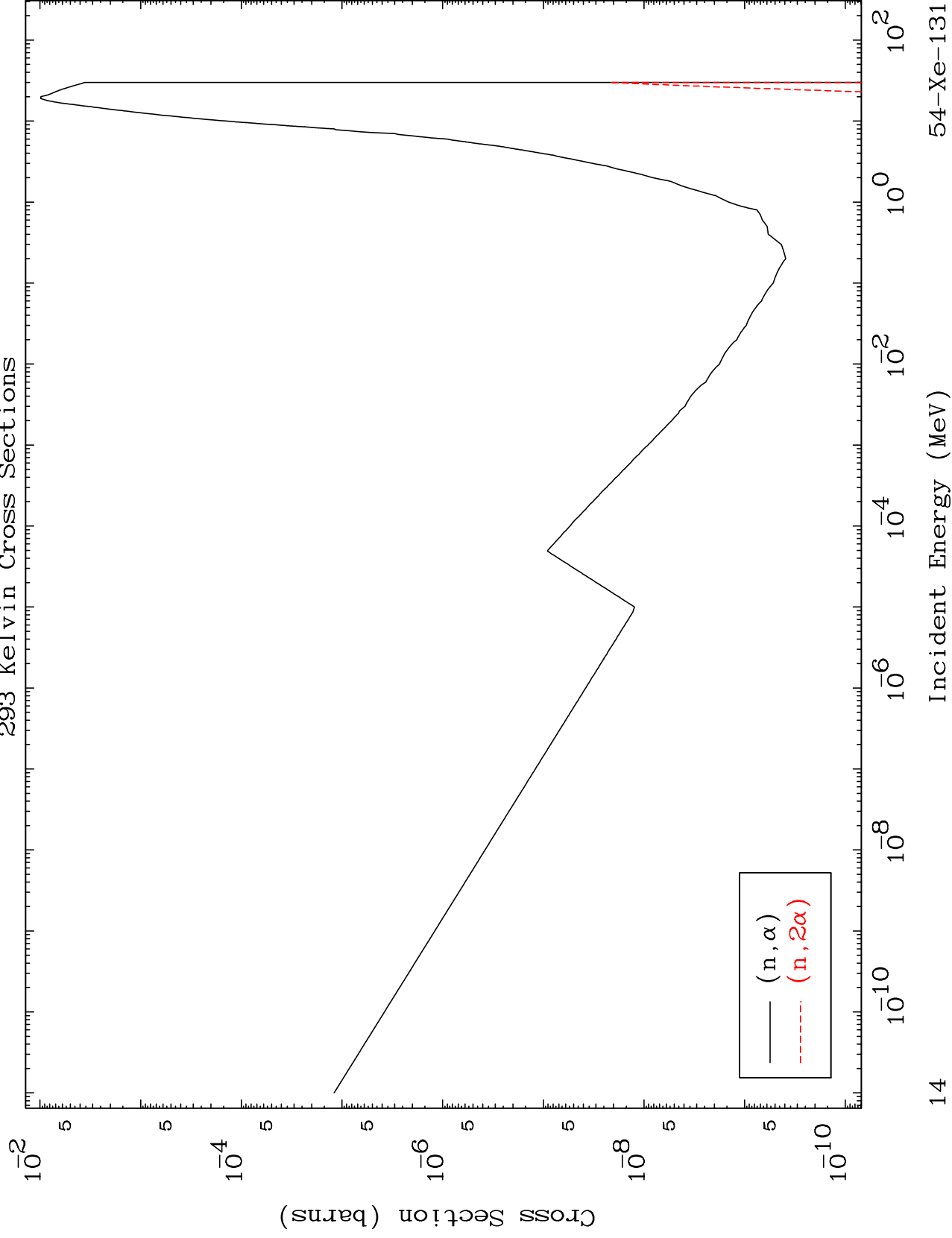
Incident Energy (MeV)

54-Xe-131

MAT 5446

(n,α) Levels
293 Kelvin Cross Sections

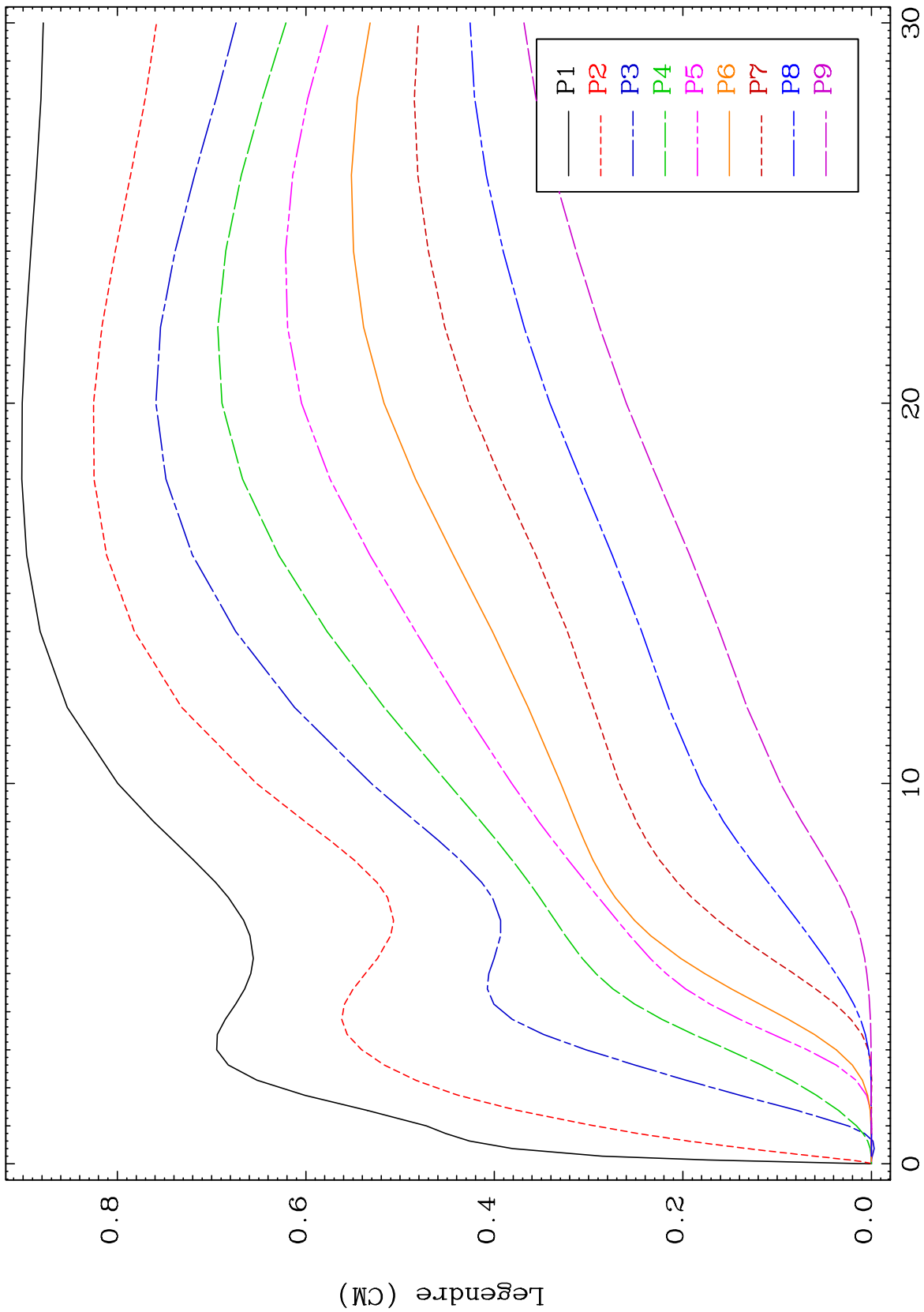
54-Xe-131



MAT 5446

54-Xe-131

Elastic Legendre Coefficients



15

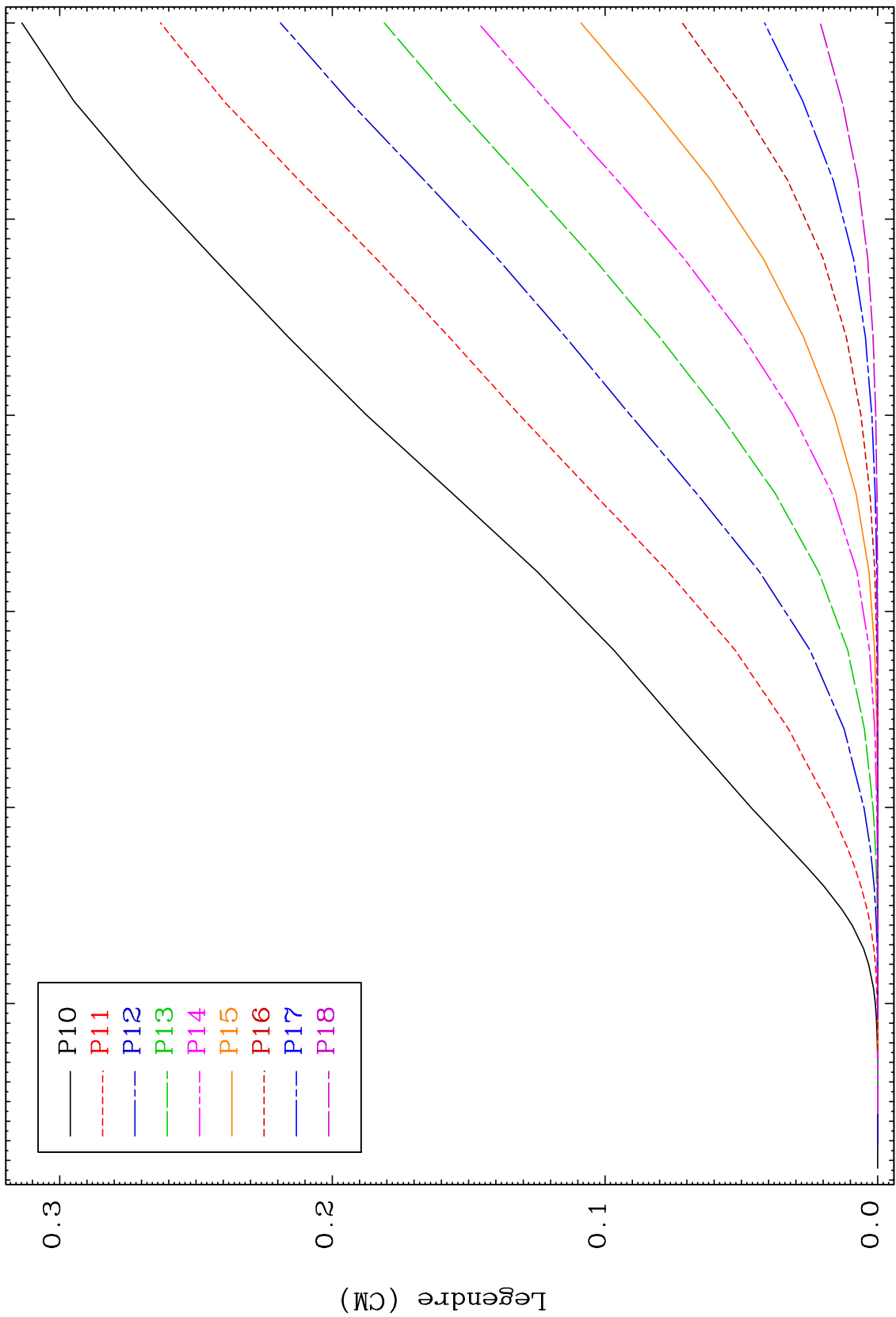
Incident Energy (MeV)

54-Xe-131

MAT 5446

Elastic Legendre Coefficients

54-Xe-131



16

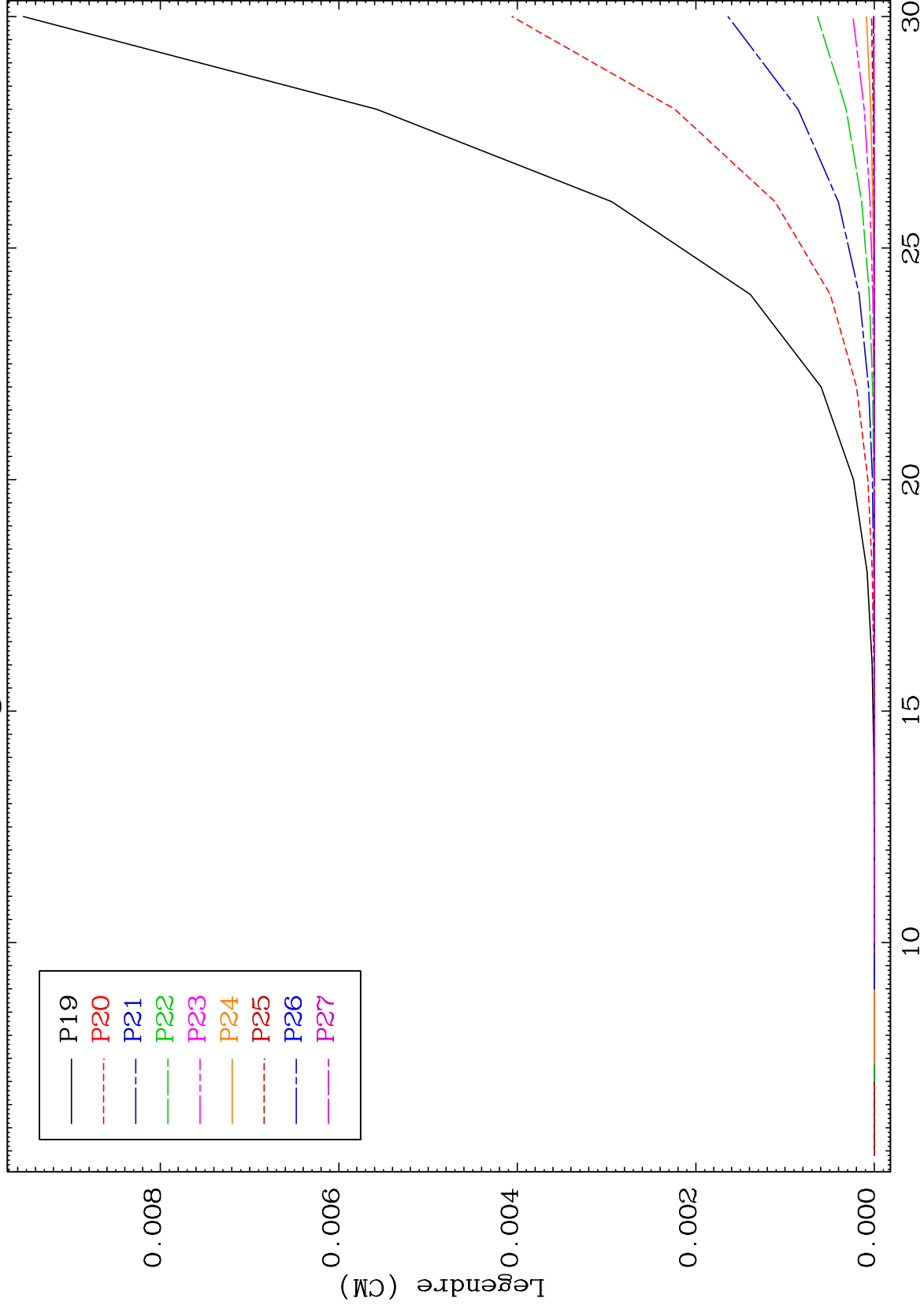
Incident Energy (MeV)

54-Xe-131

MAT 5446

Elastic Legendre Coefficients

54-Xe-131



17

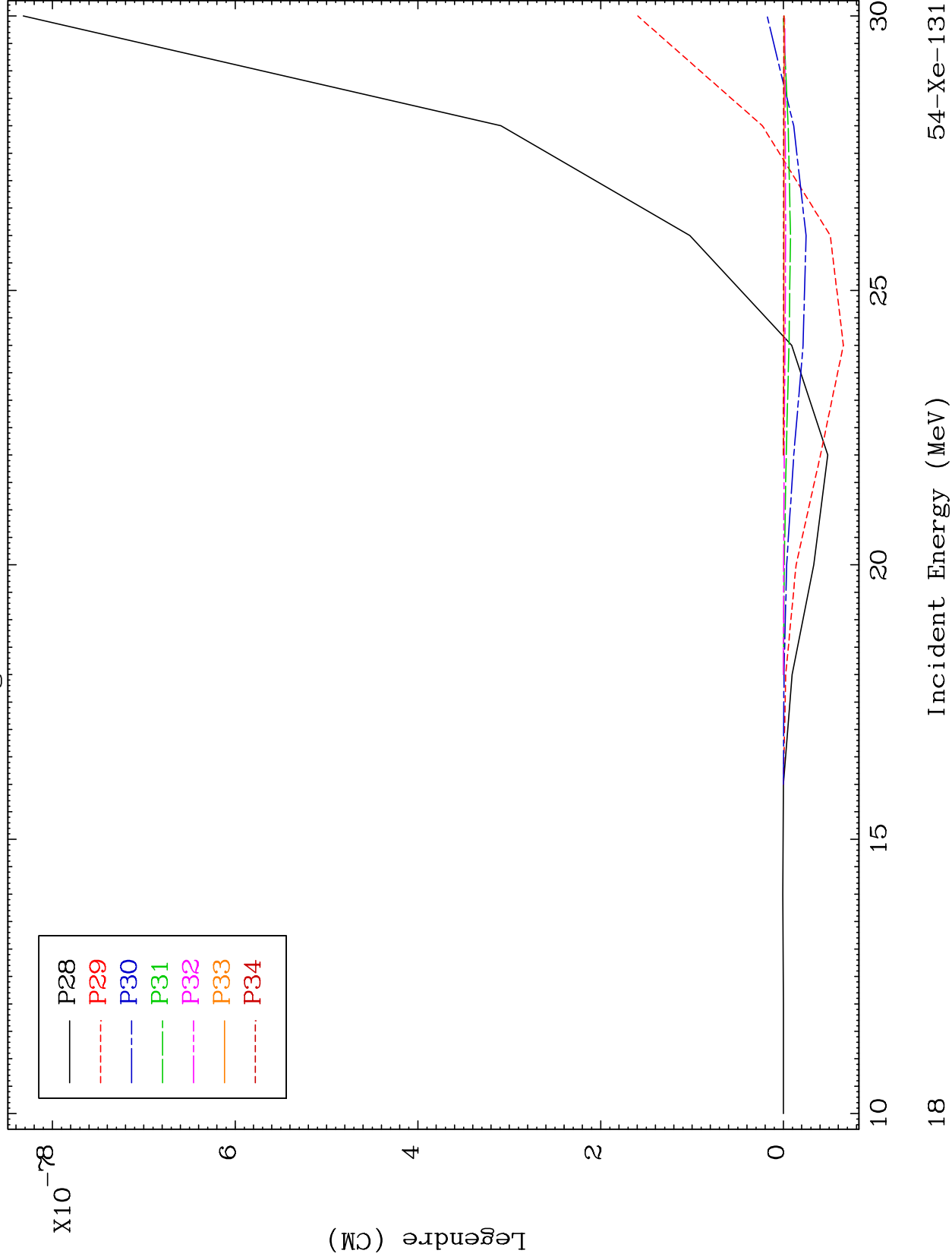
Incident Energy (MeV)

54-Xe-131

MAT 5446

Elastic
Legendre Coefficients

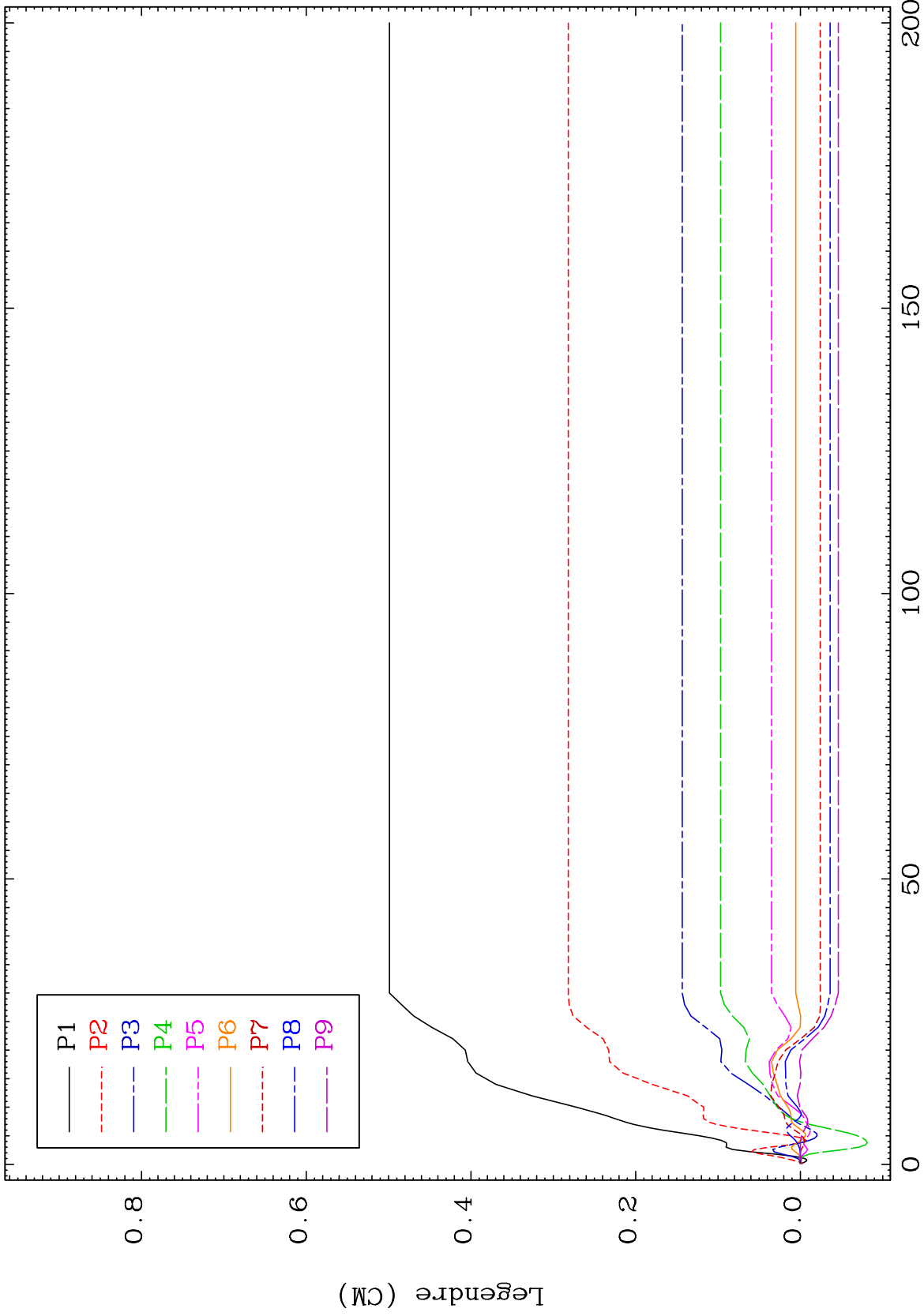
54-Xe-131



MAT 5446

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

54-Xe-131



19

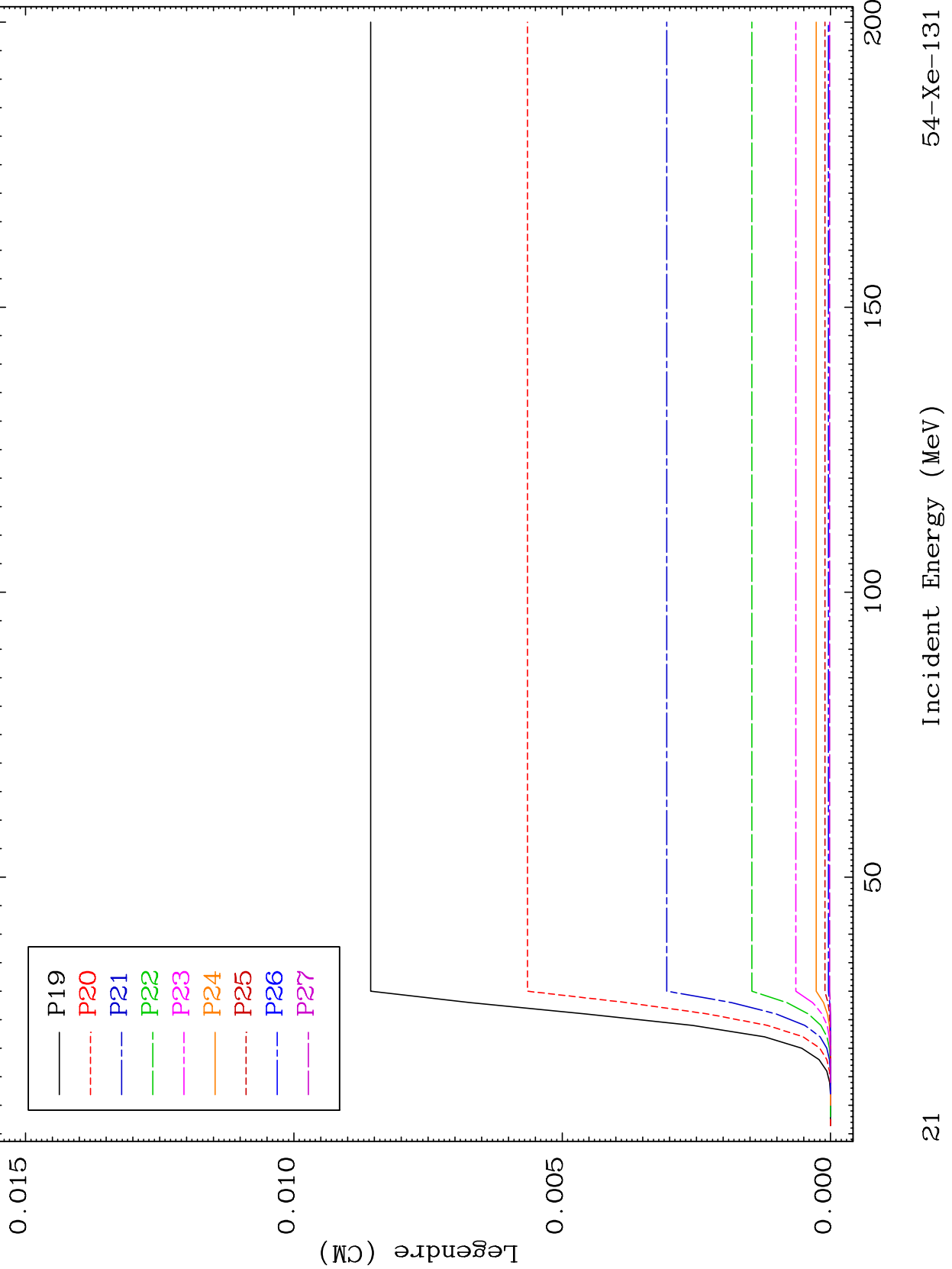
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

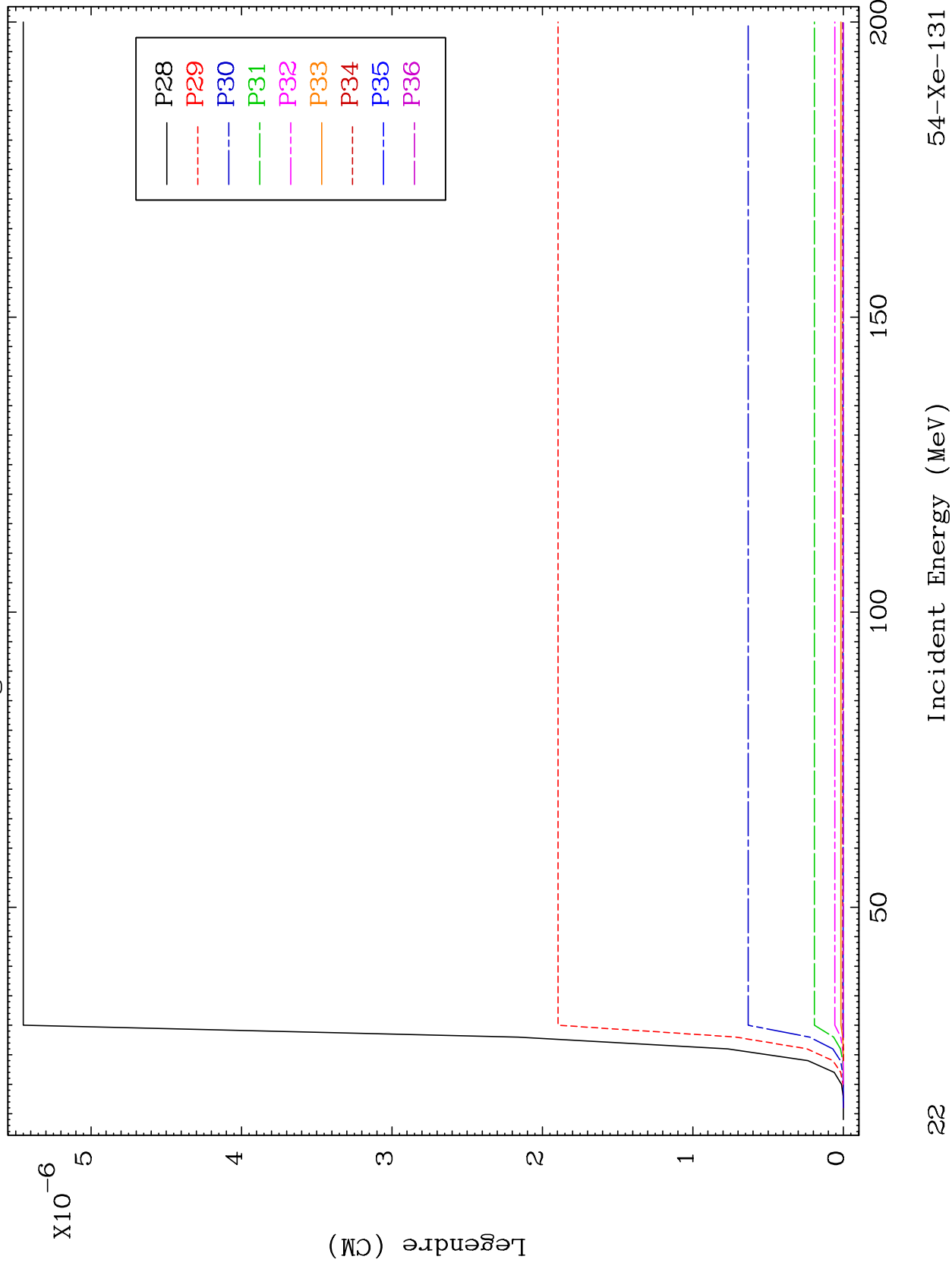
54-Xe-131



MAT 5446

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

54-Xe-131



22

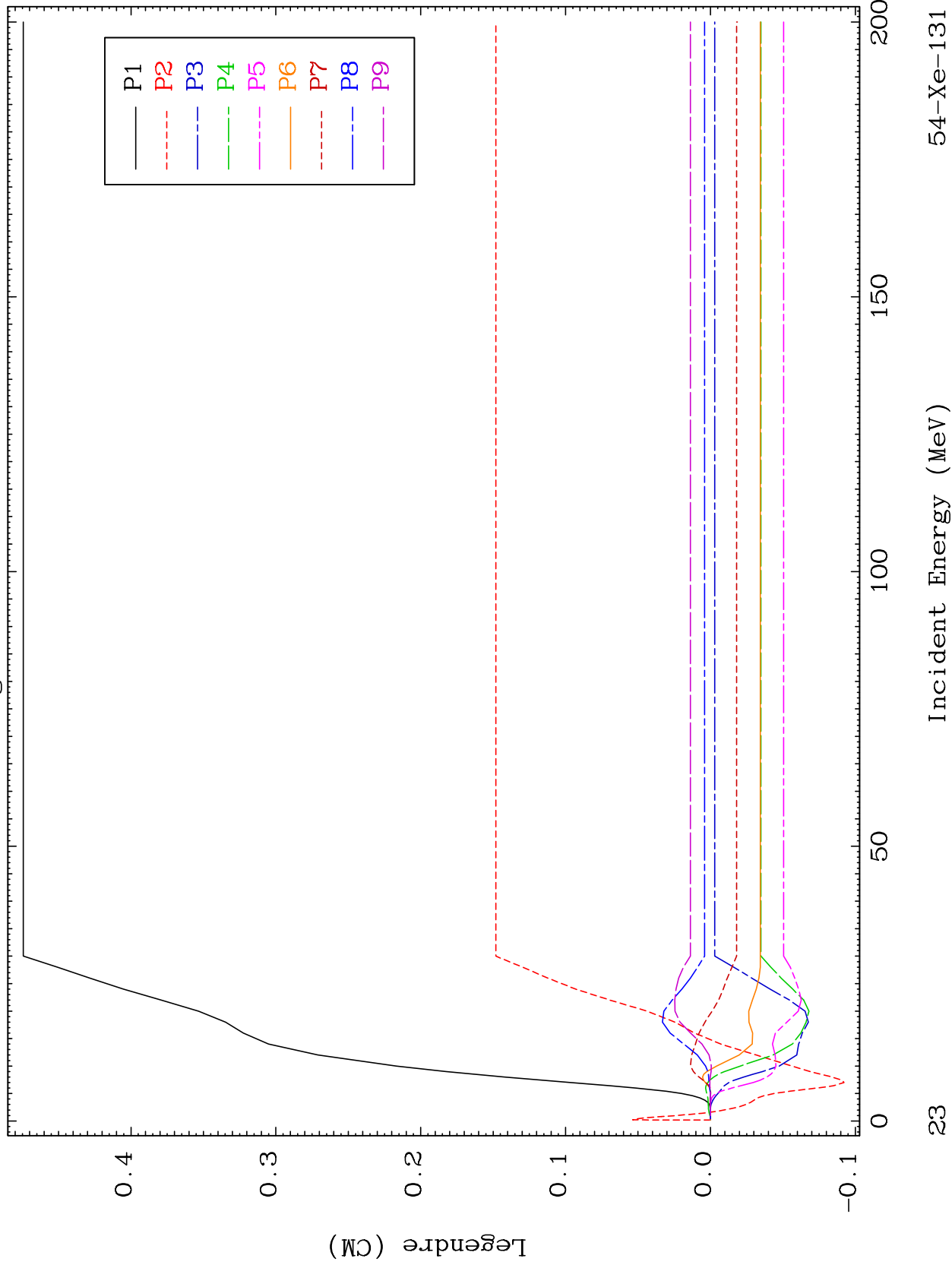
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131



54-Xe-131

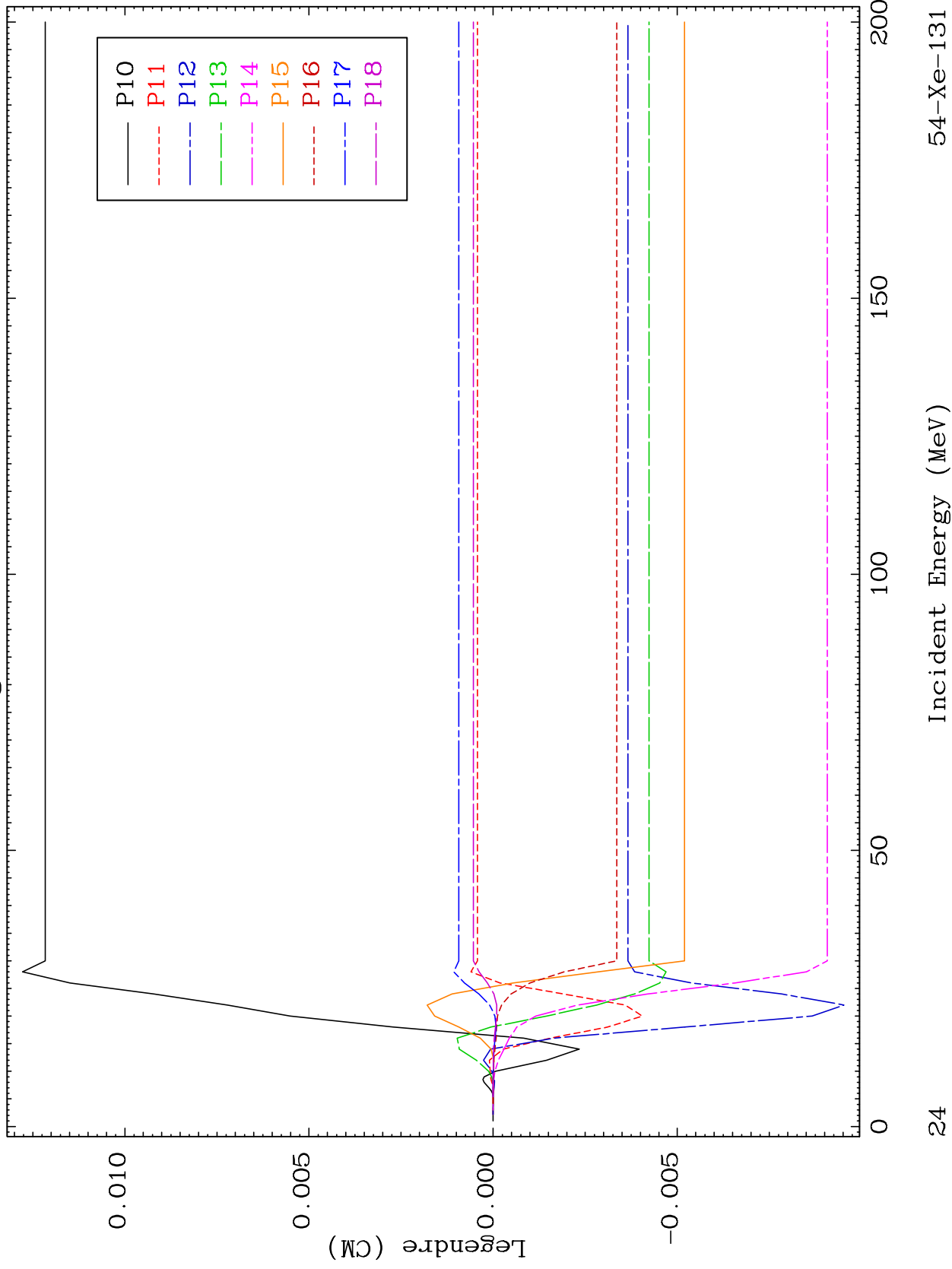
Incident Energy (MeV)

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MAT 5446

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

54-Xe-131



24

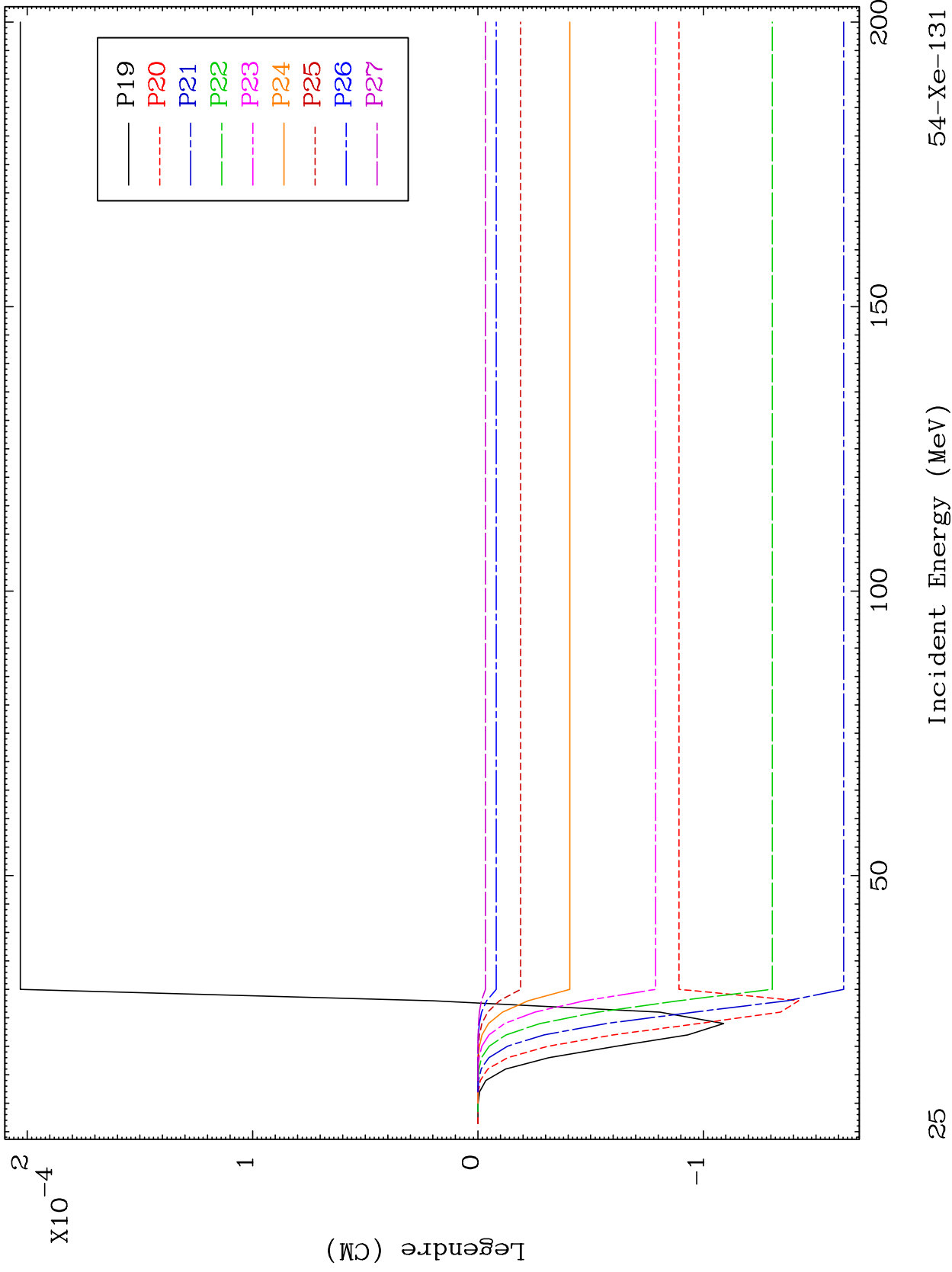
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131



25

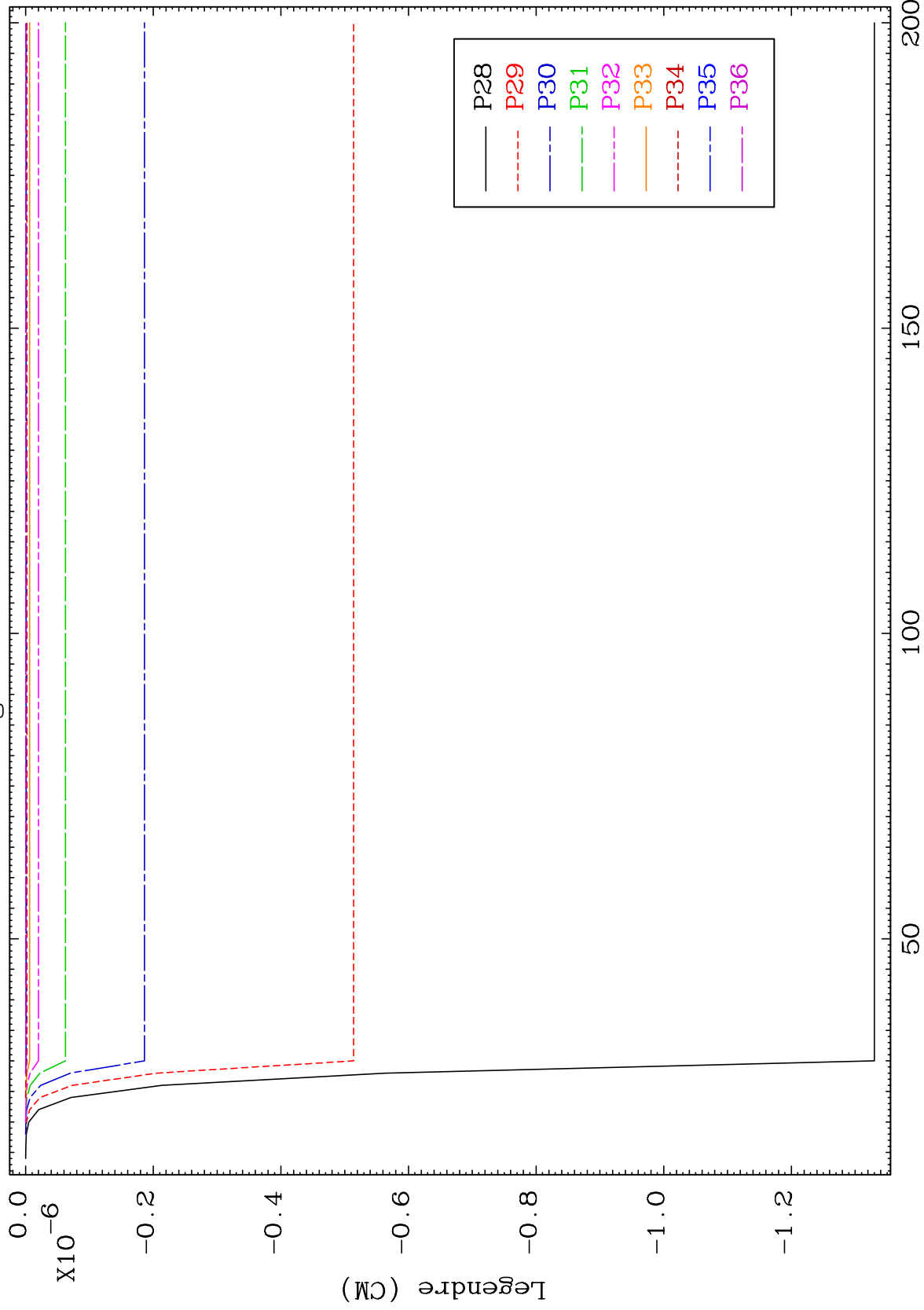
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131



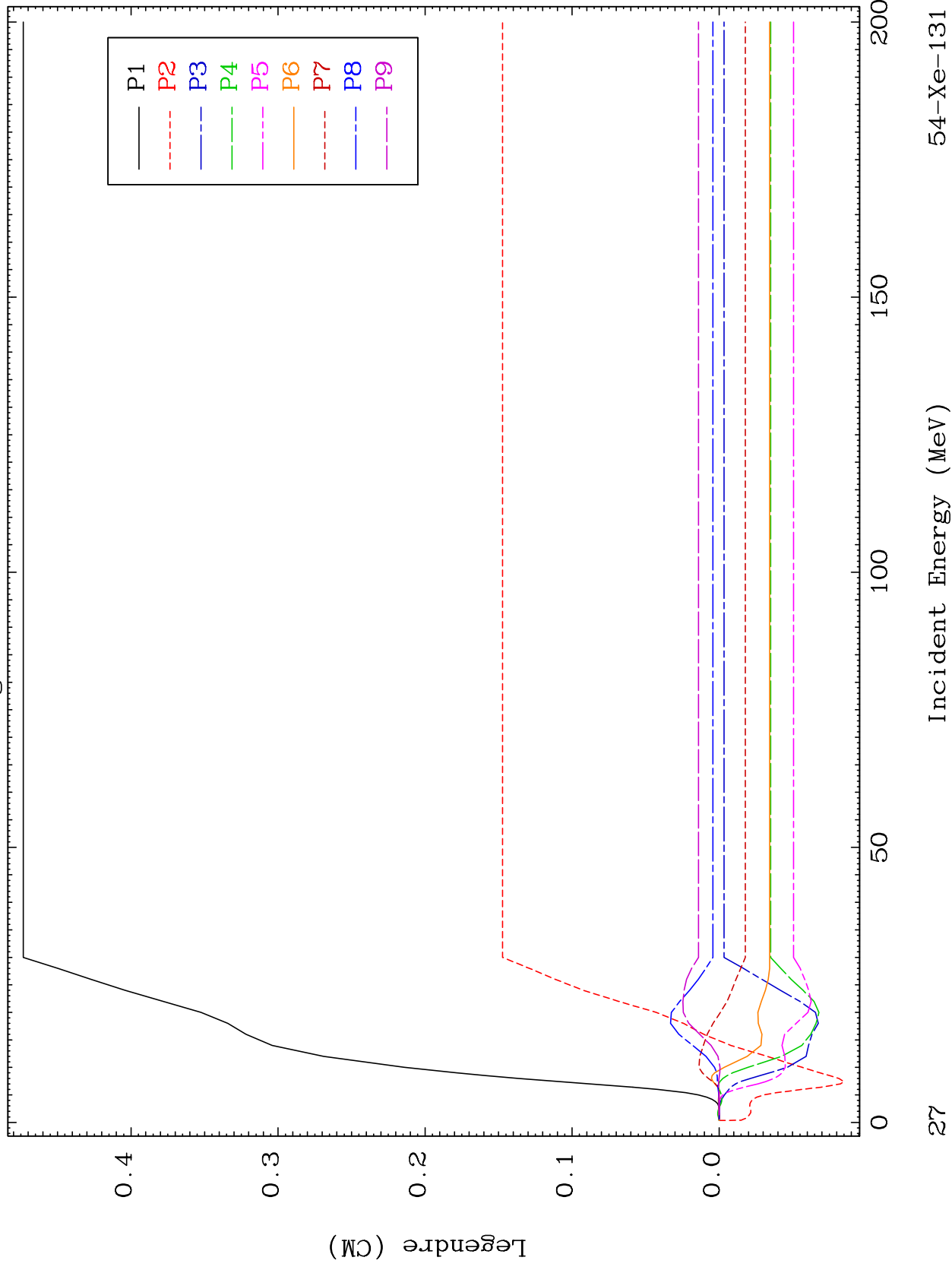
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54-Xe-131

MAT 5446

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

54-Xe-131



54-Xe-131

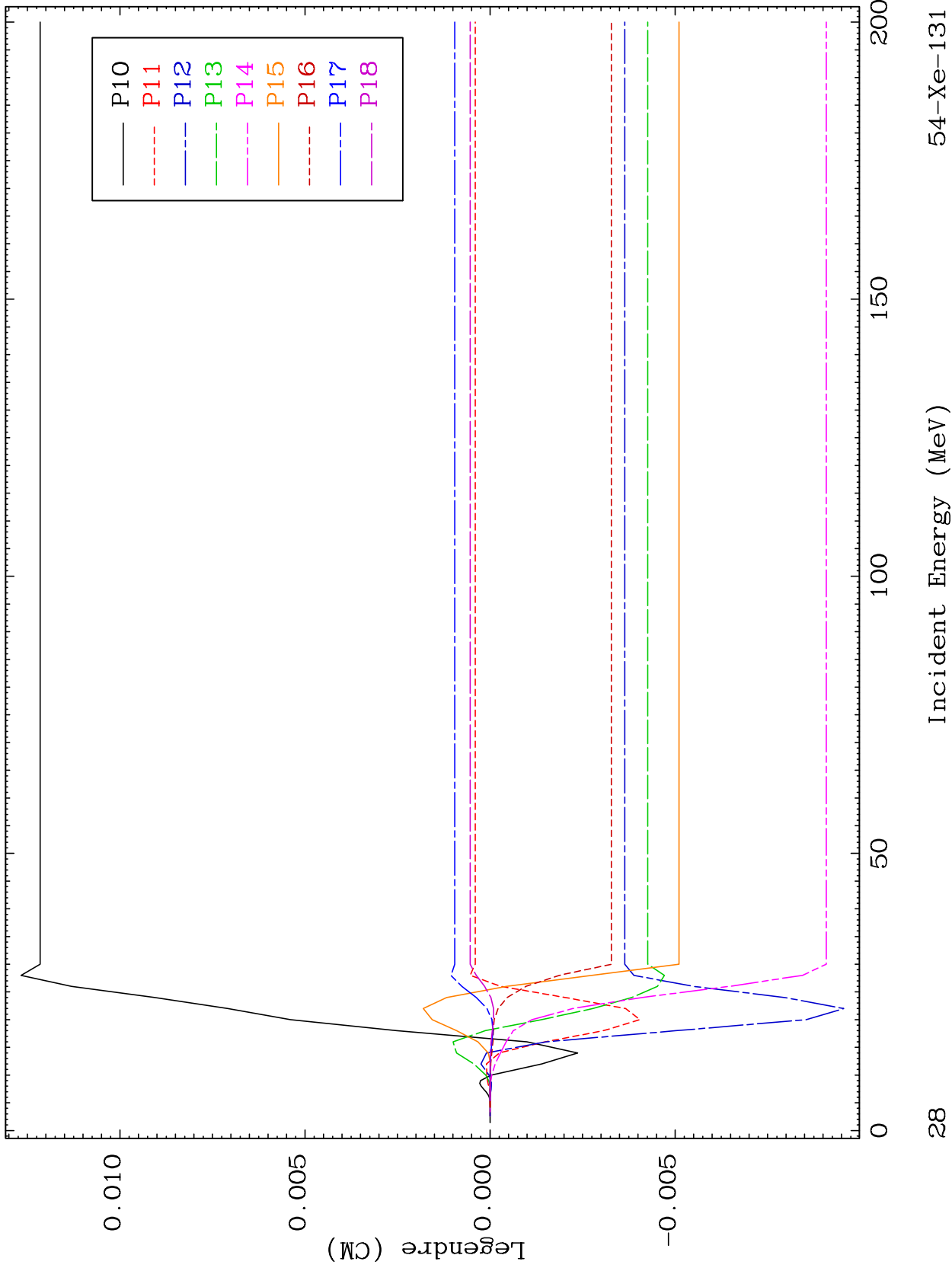
Incident Energy (MeV)

27

MAT 5446

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

54-Xe-131



28

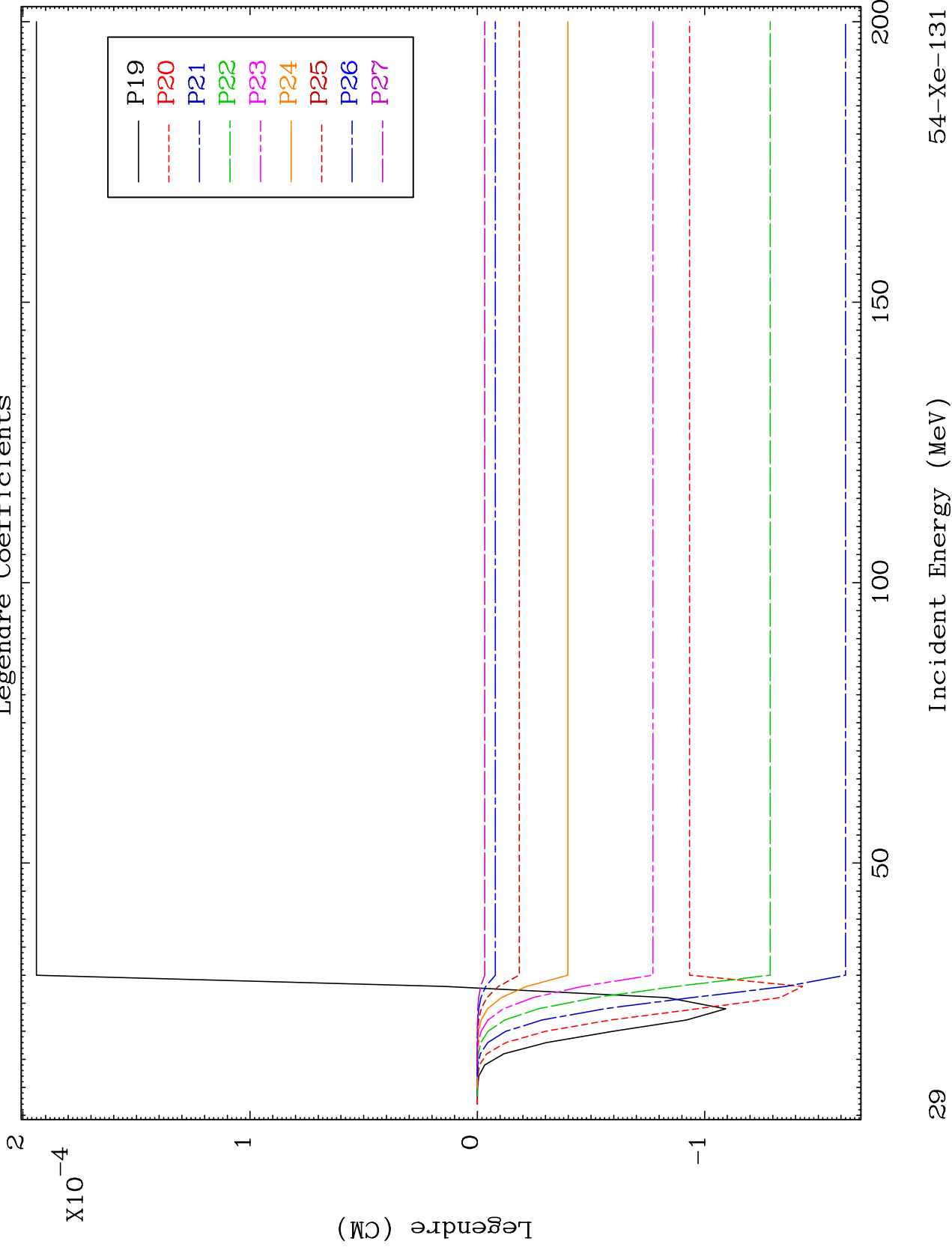
Incident Energy (MeV)

54-Xe-131

MAT 5446

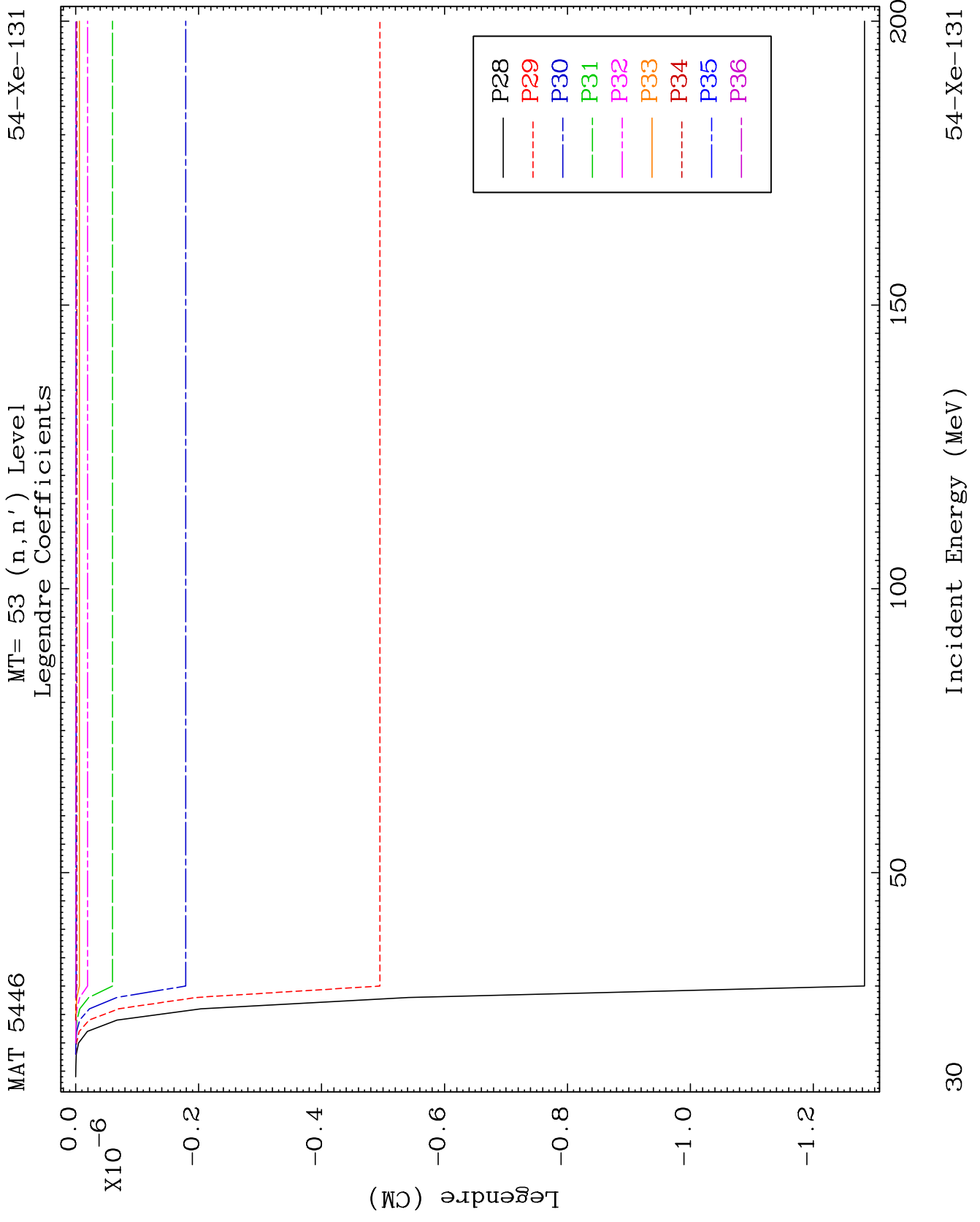
MT= 53 (n,n') Level
Legendre Coefficients

54-Xe-131



29

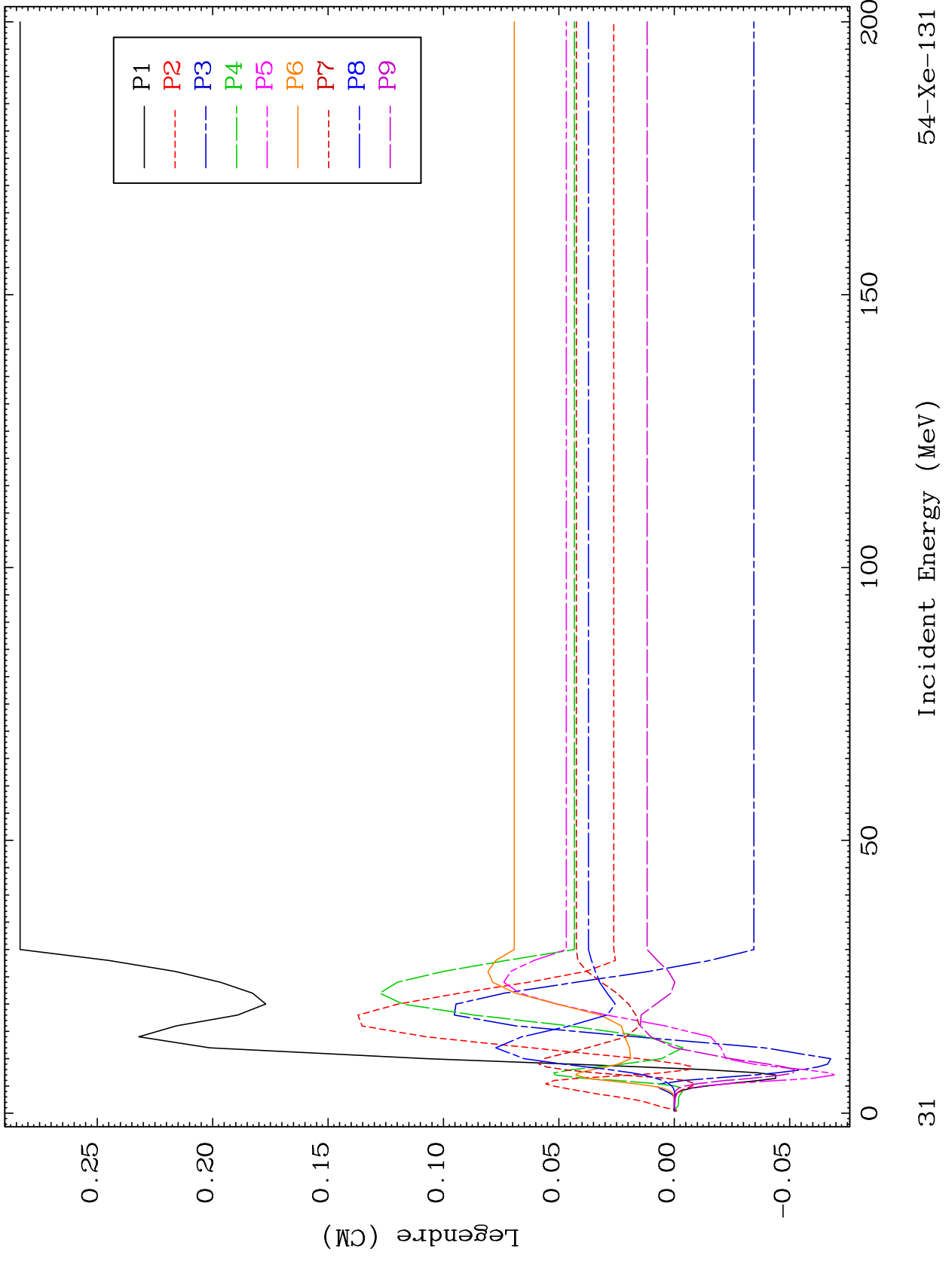
54-Xe-131



MAT 5446

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

54-Xe-131



31

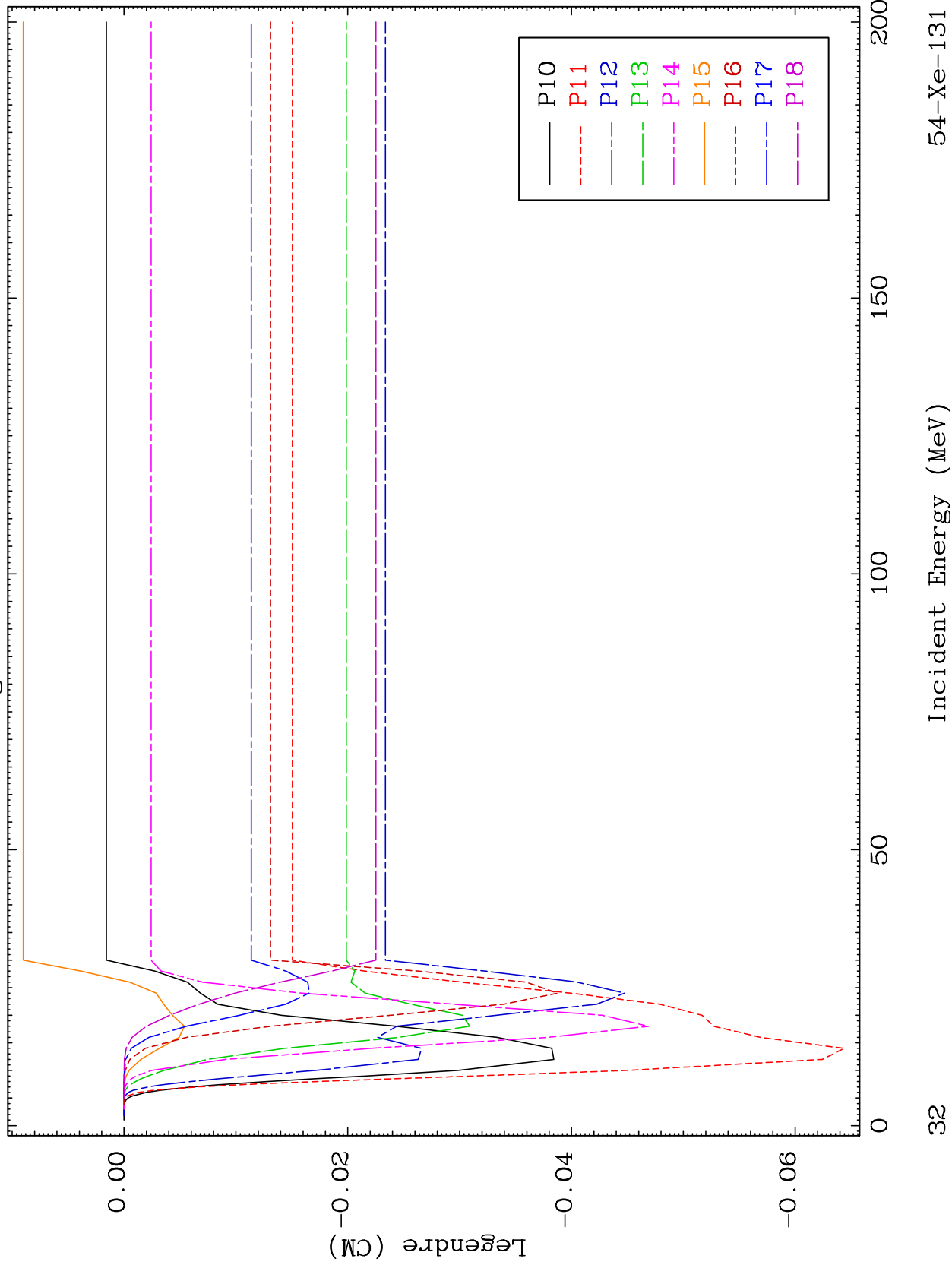
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

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



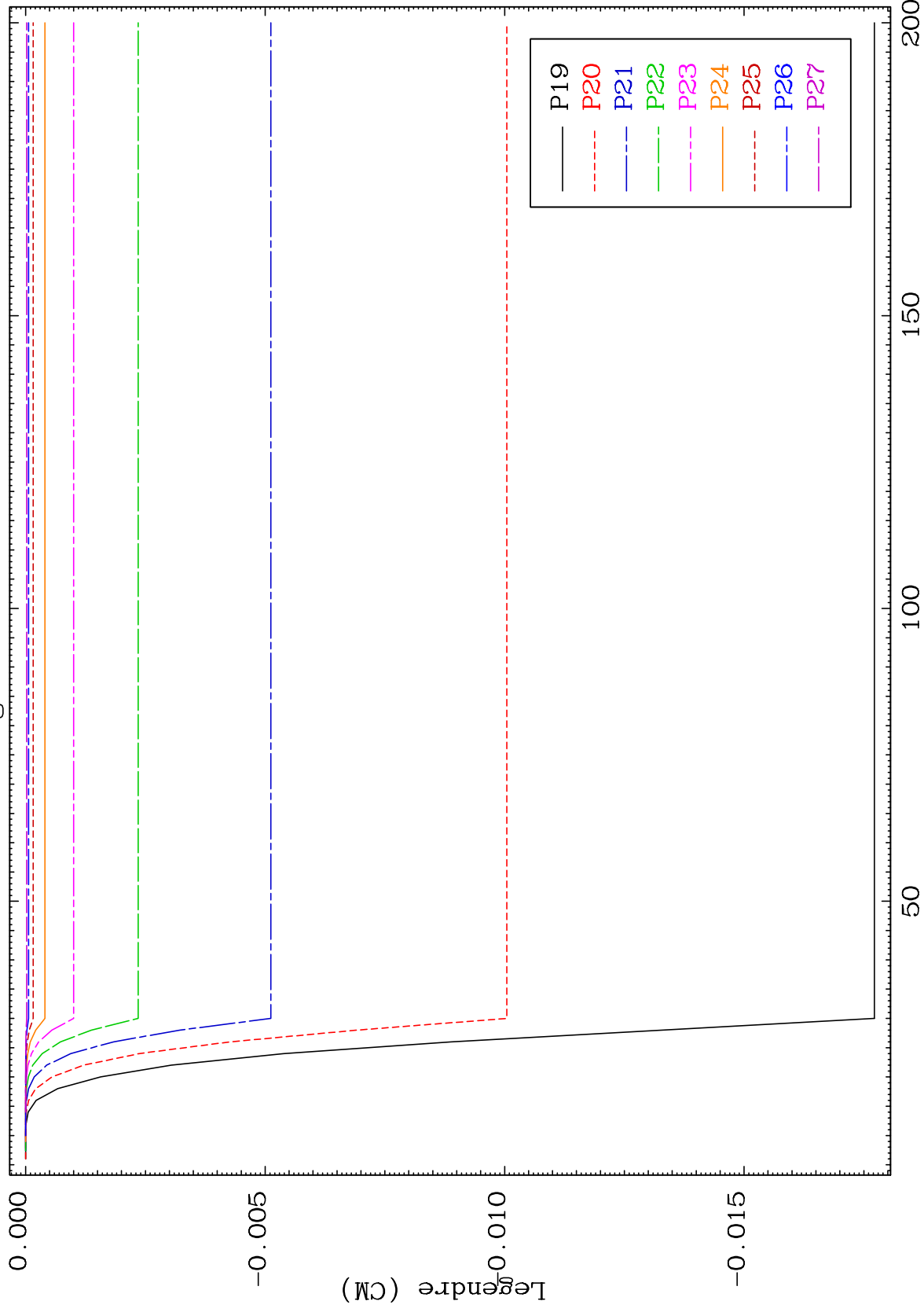
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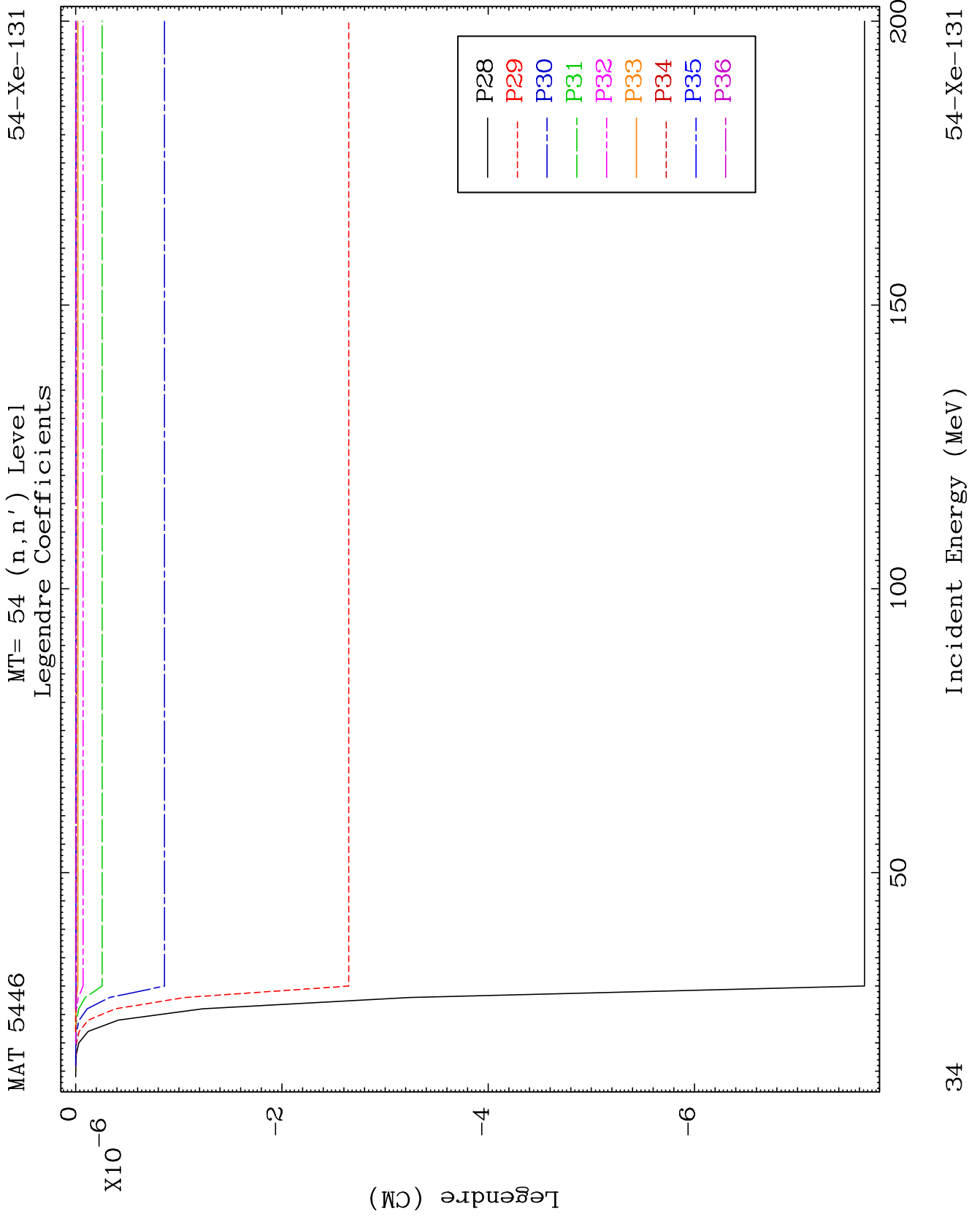
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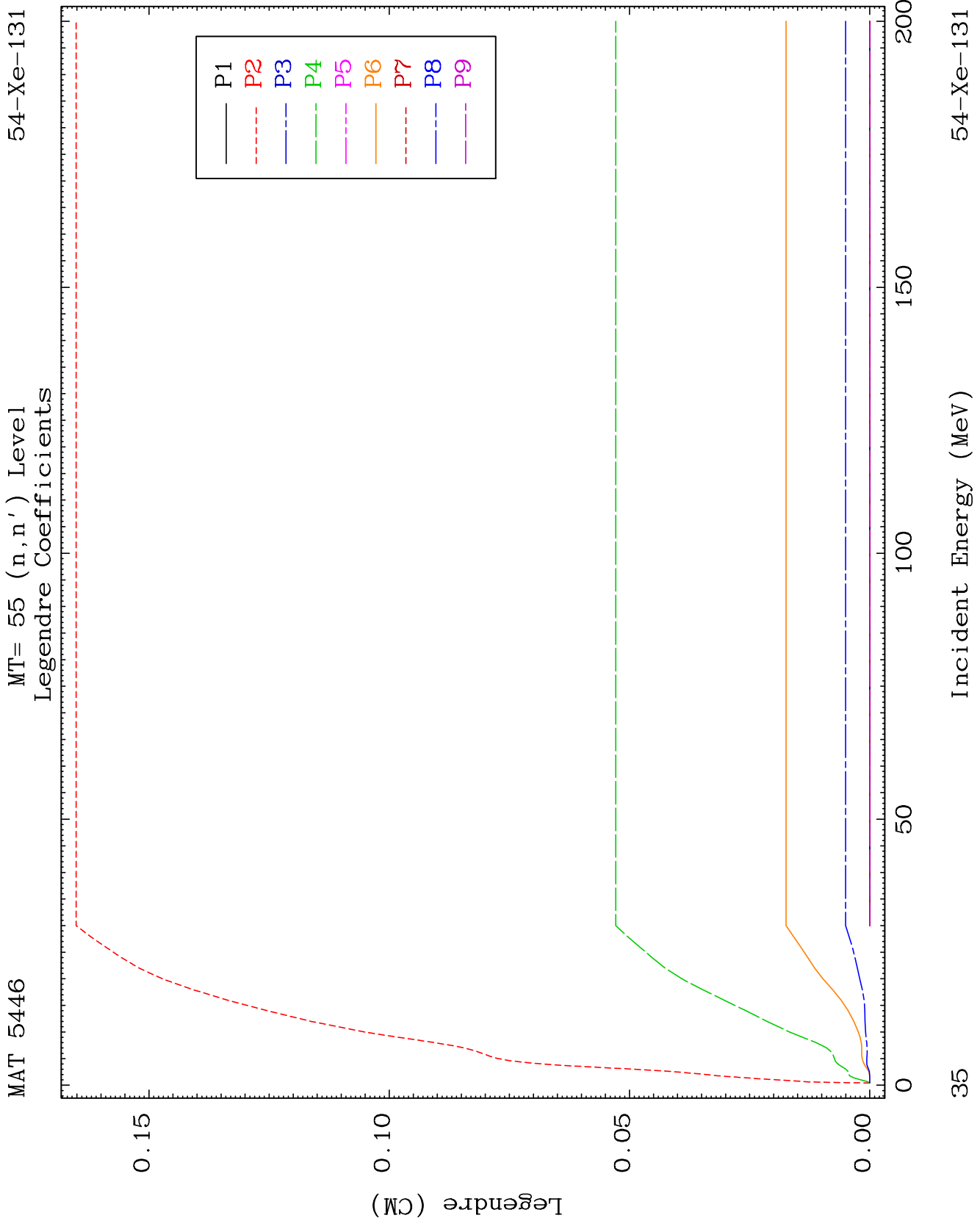
MAT 5446

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

54-Xe-131



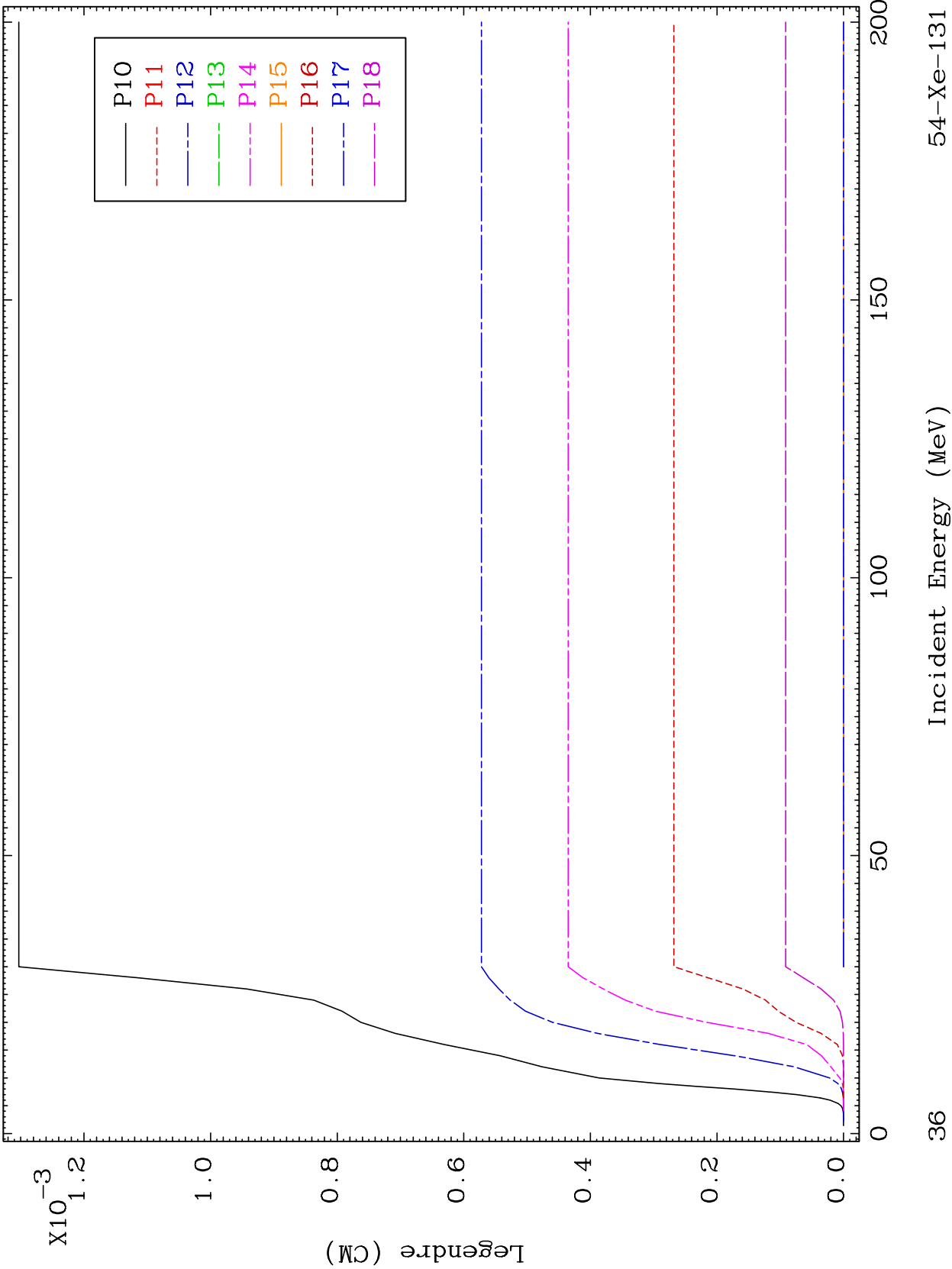




MAT 5446

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

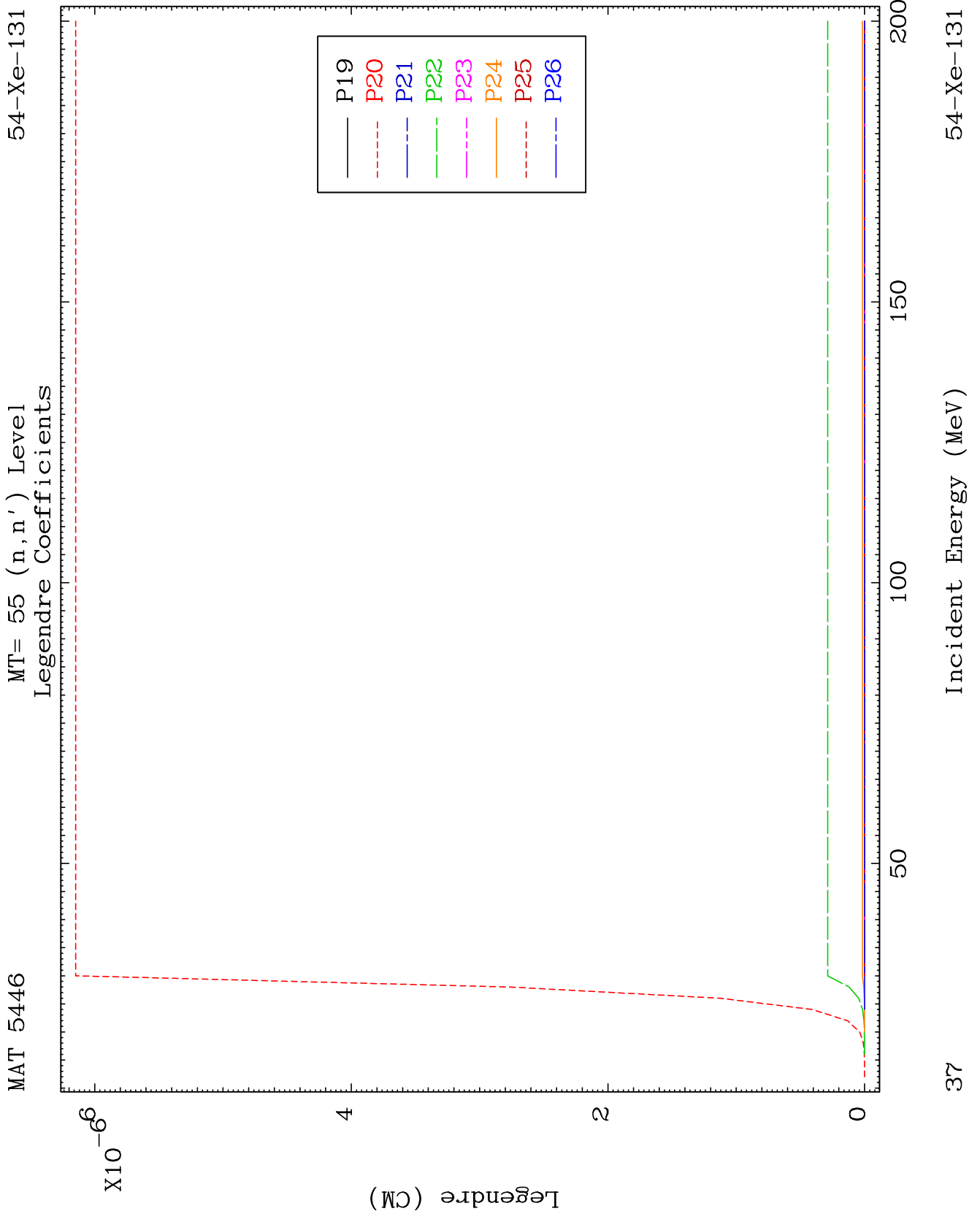
54-Xe-131



36

Incident Energy (MeV)

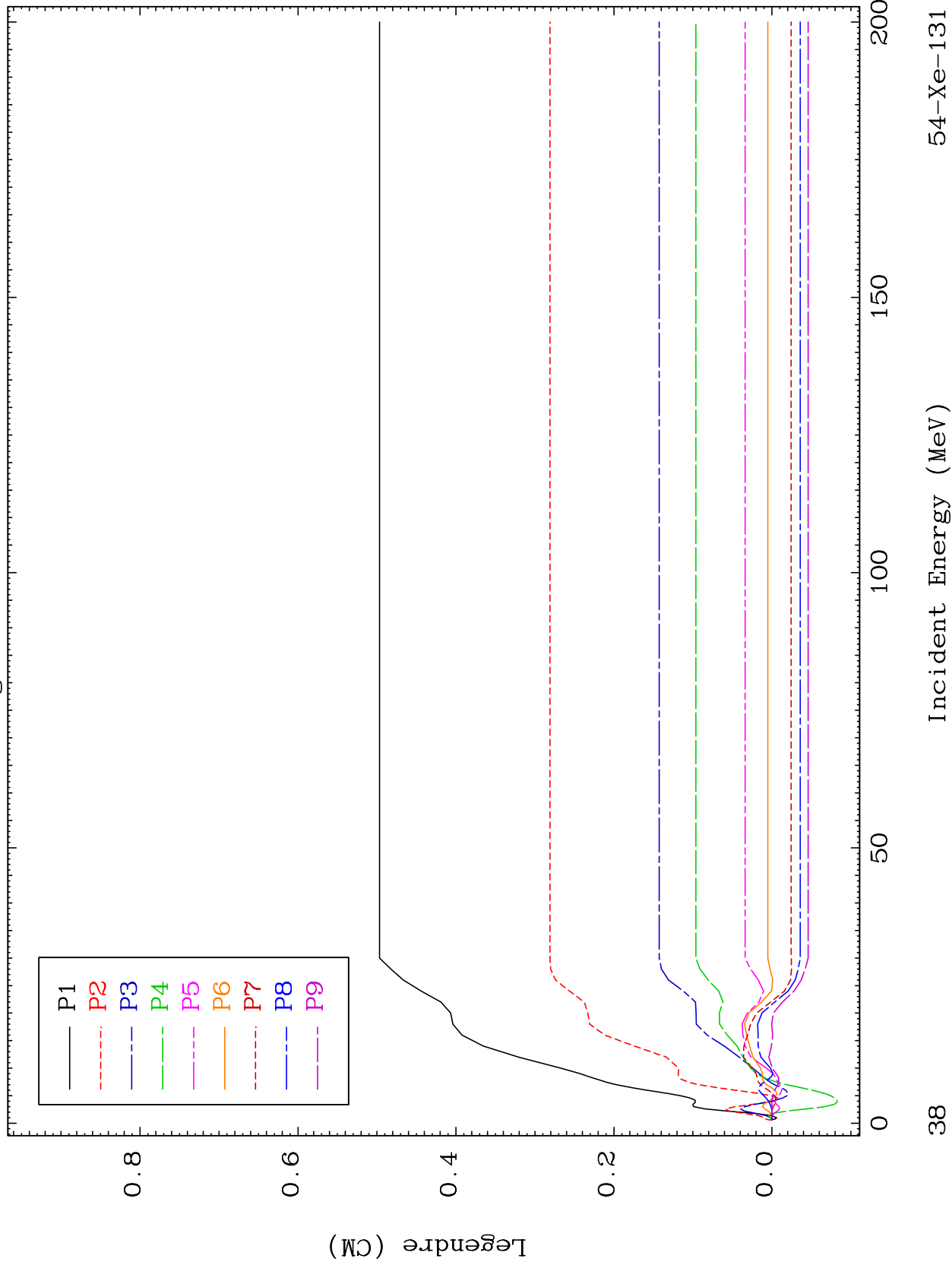
54-Xe-131



MAT 5446

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

54-Xe-131



54-Xe-131

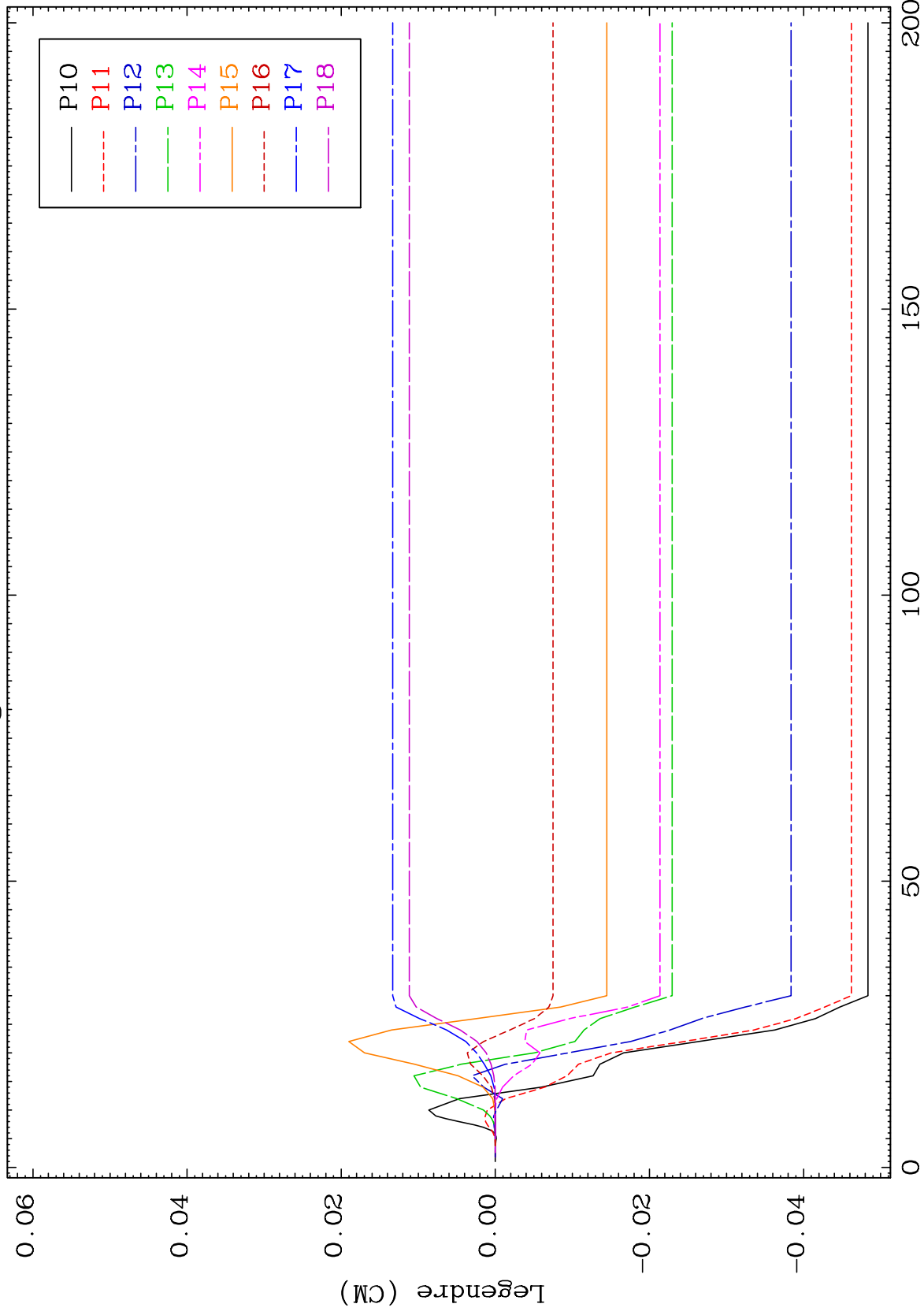
Incident Energy (MeV)

38

MAT 5446

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

54-Xe-131



39

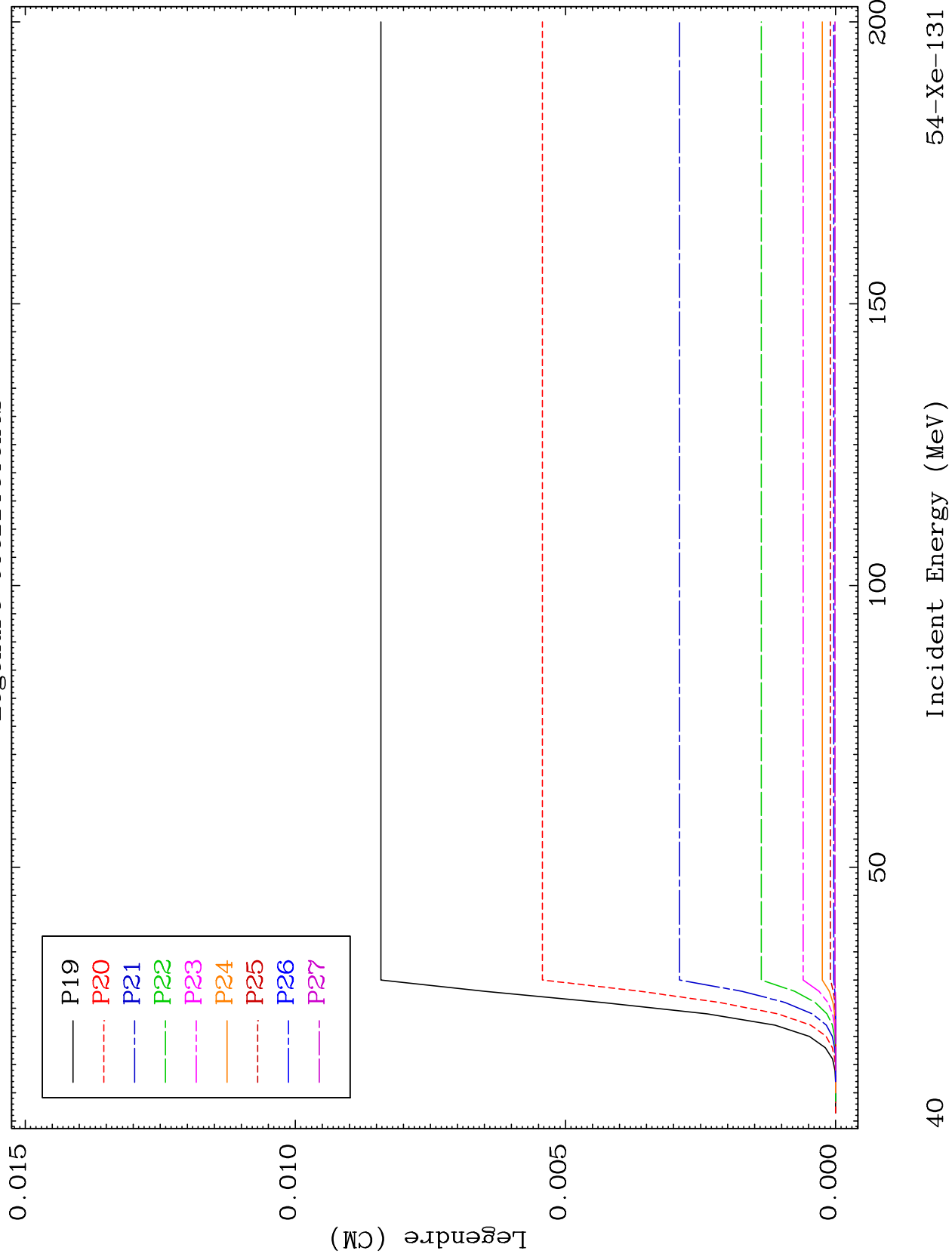
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131



54-Xe-131

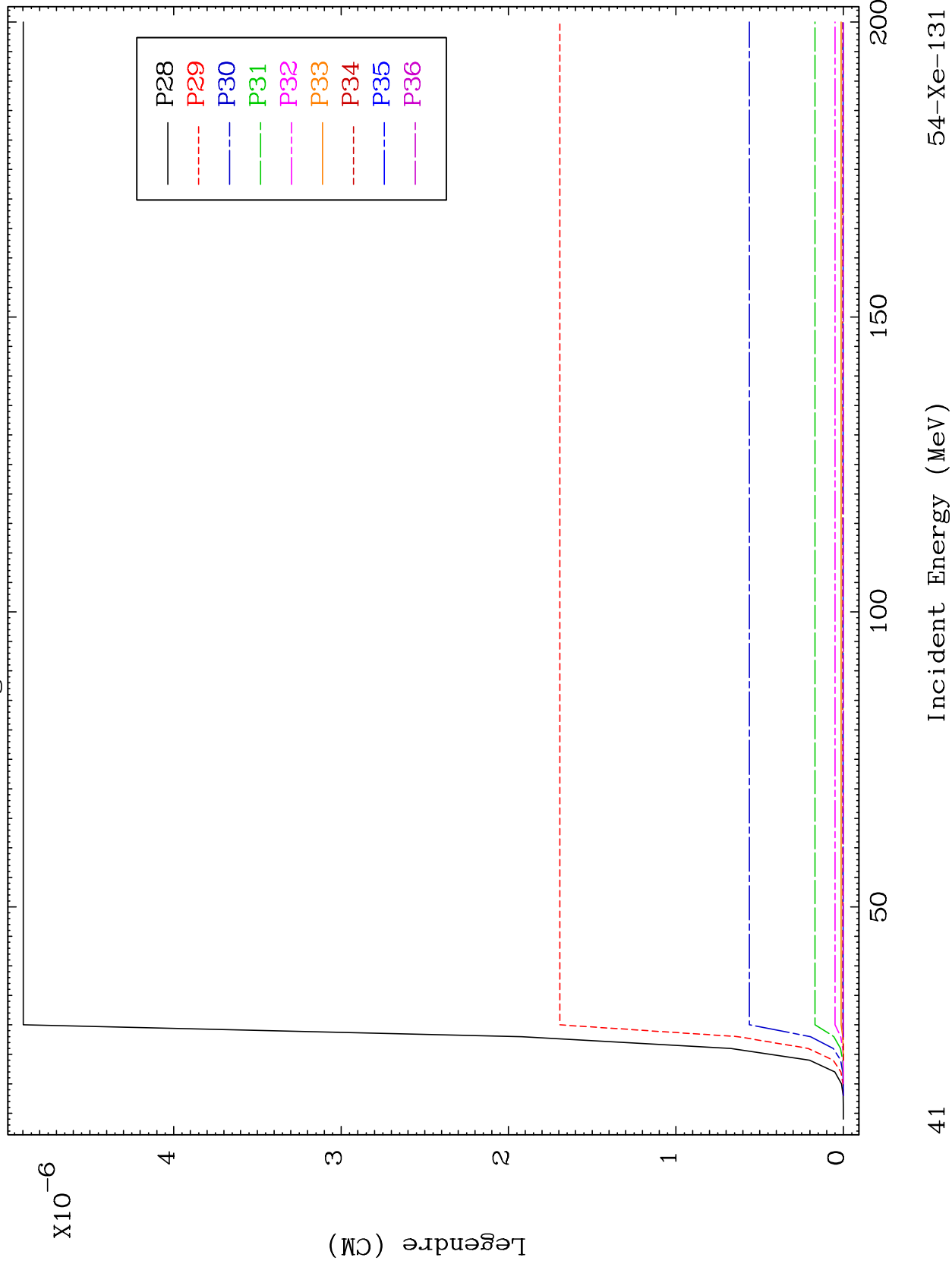
Incident Energy (MeV)

40

MAT 5446

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

54-Xe-131



41

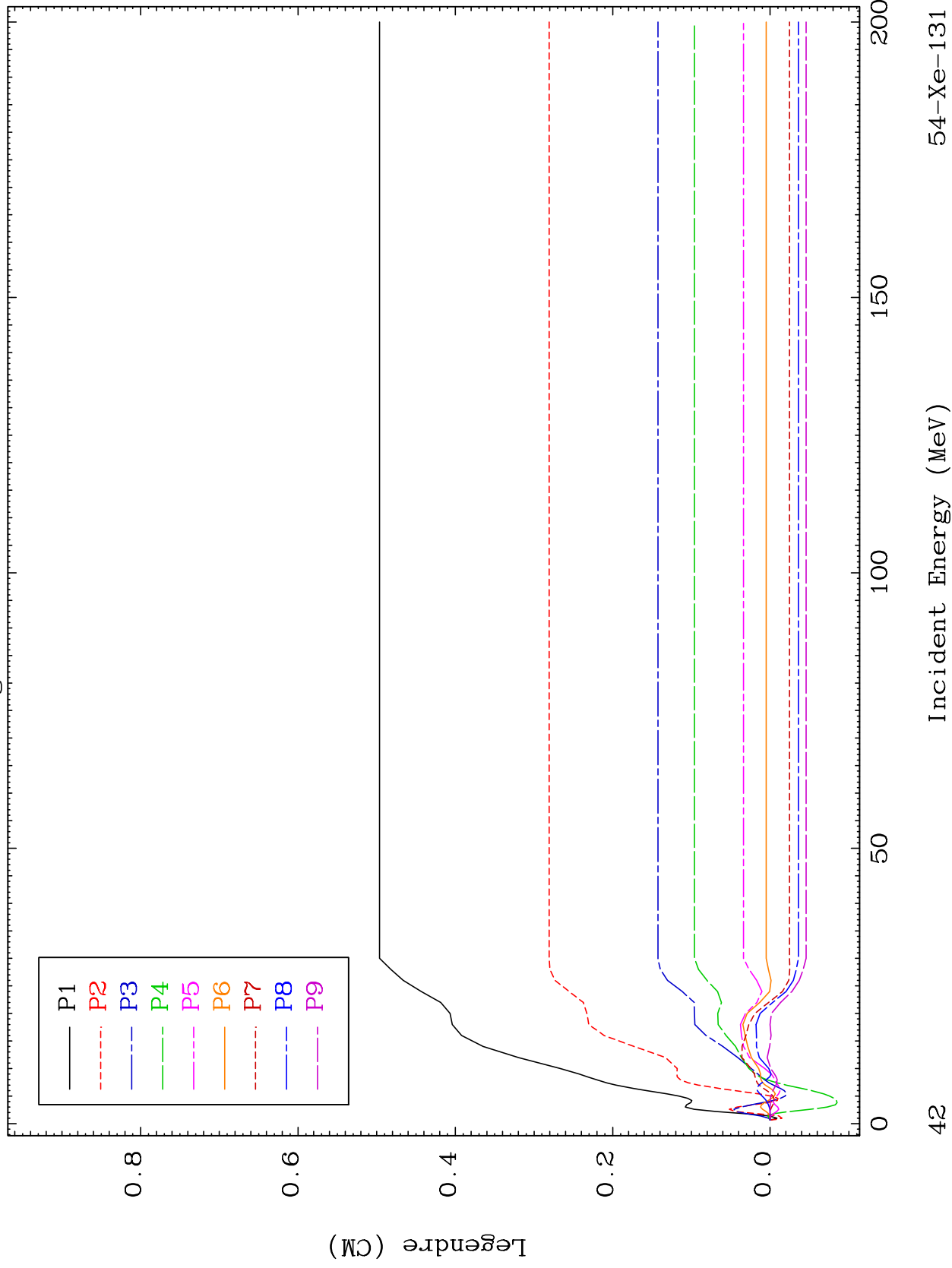
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131

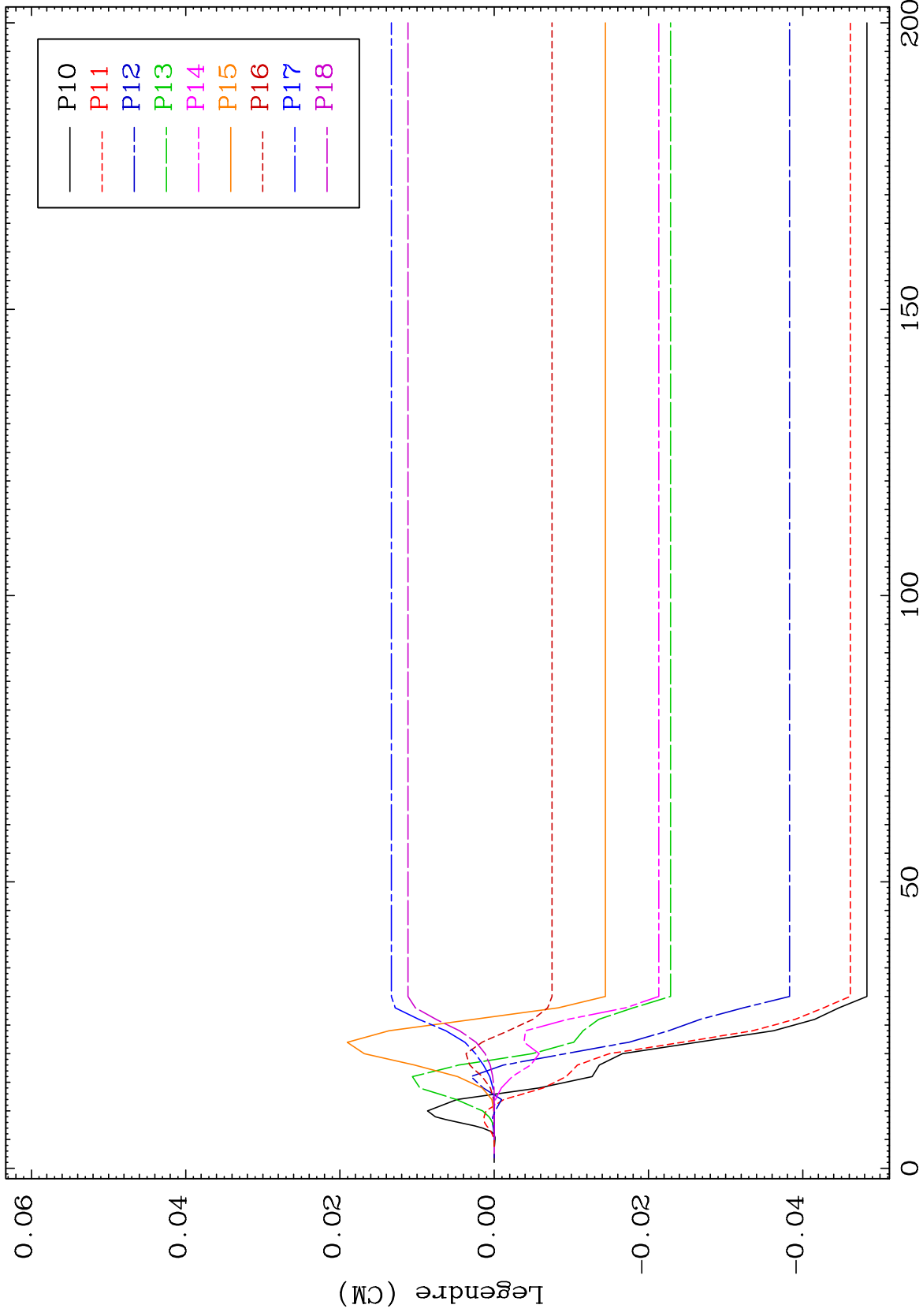


42

MAT 5446

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

54-Xe-131



43

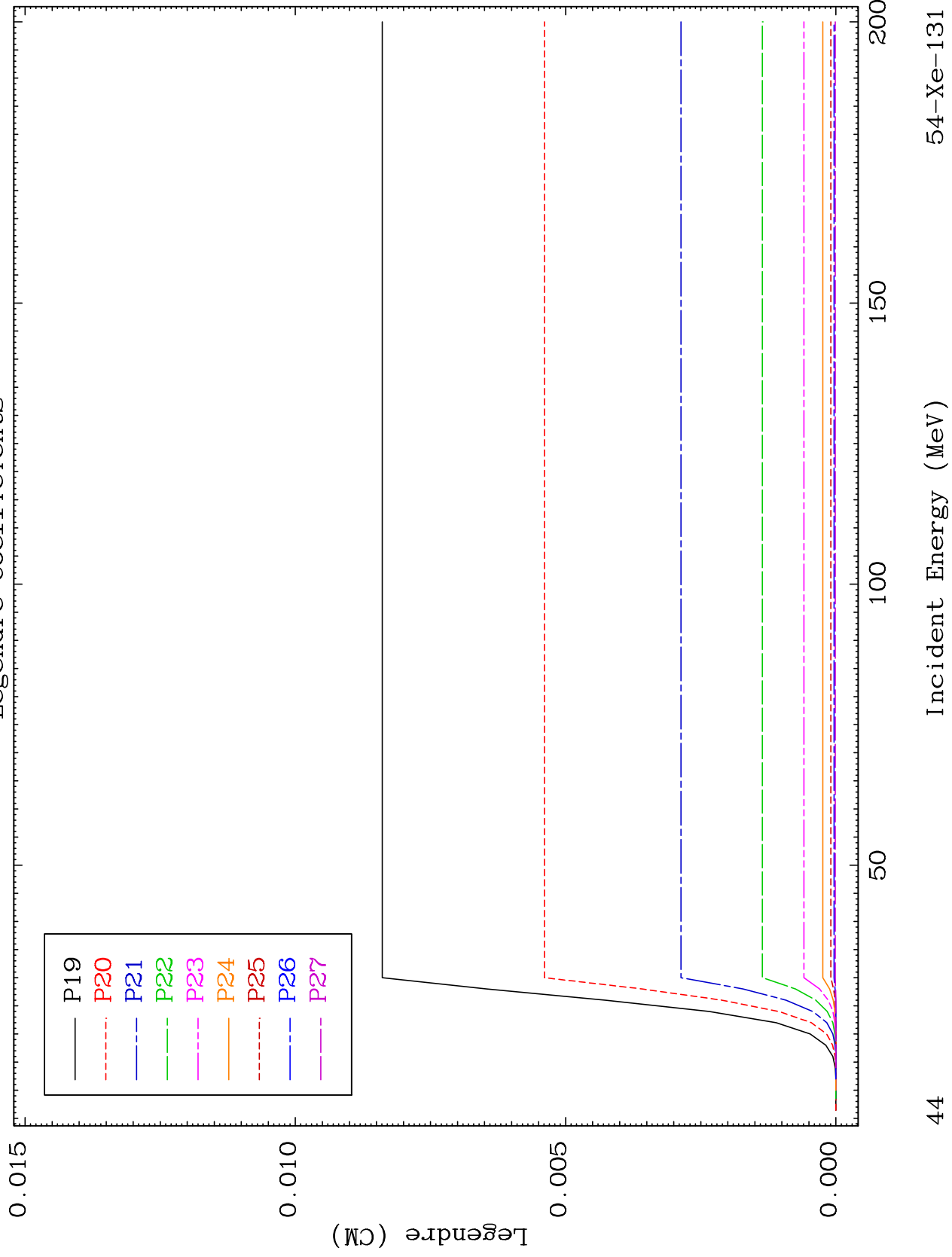
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131



44

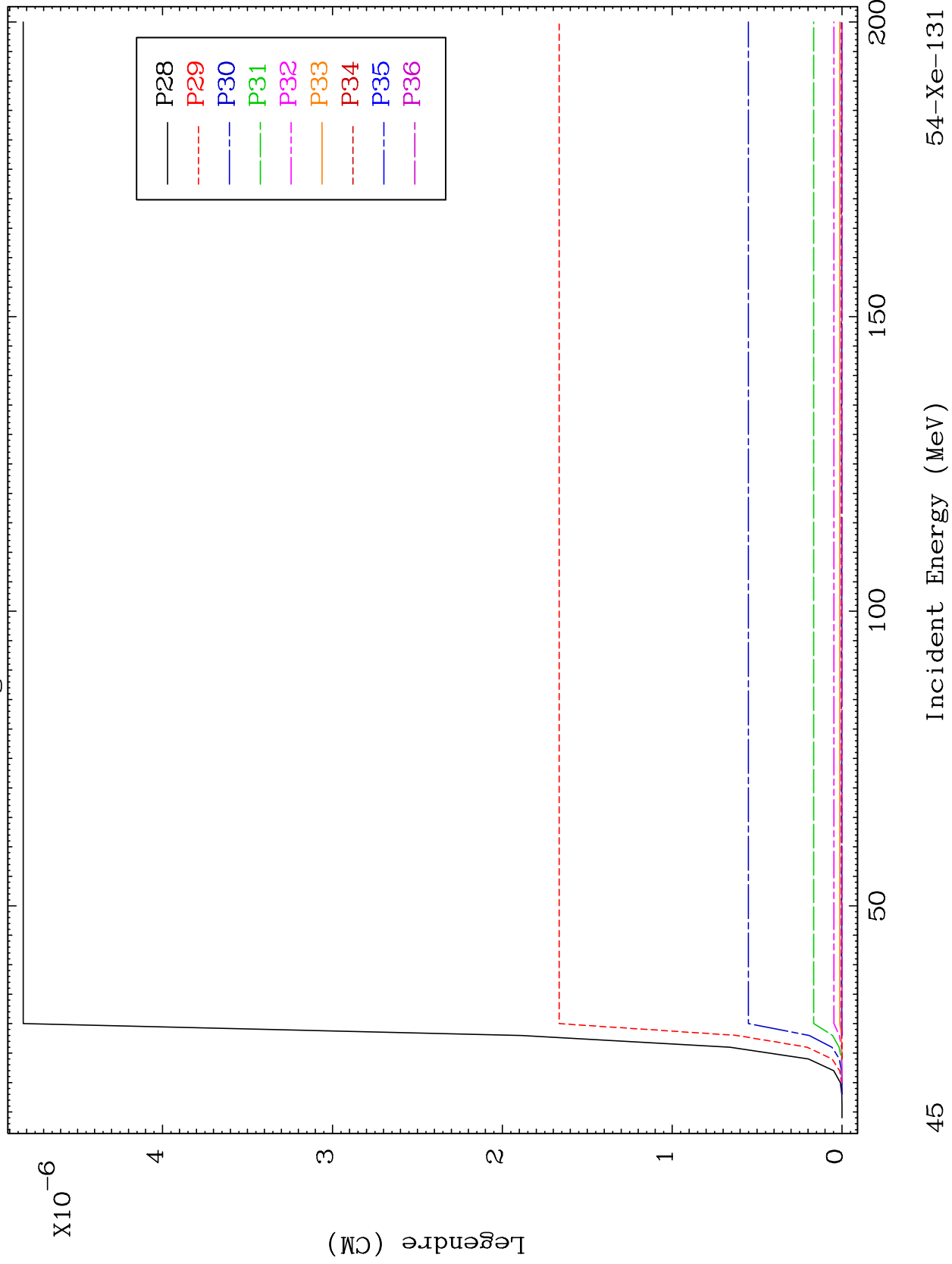
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

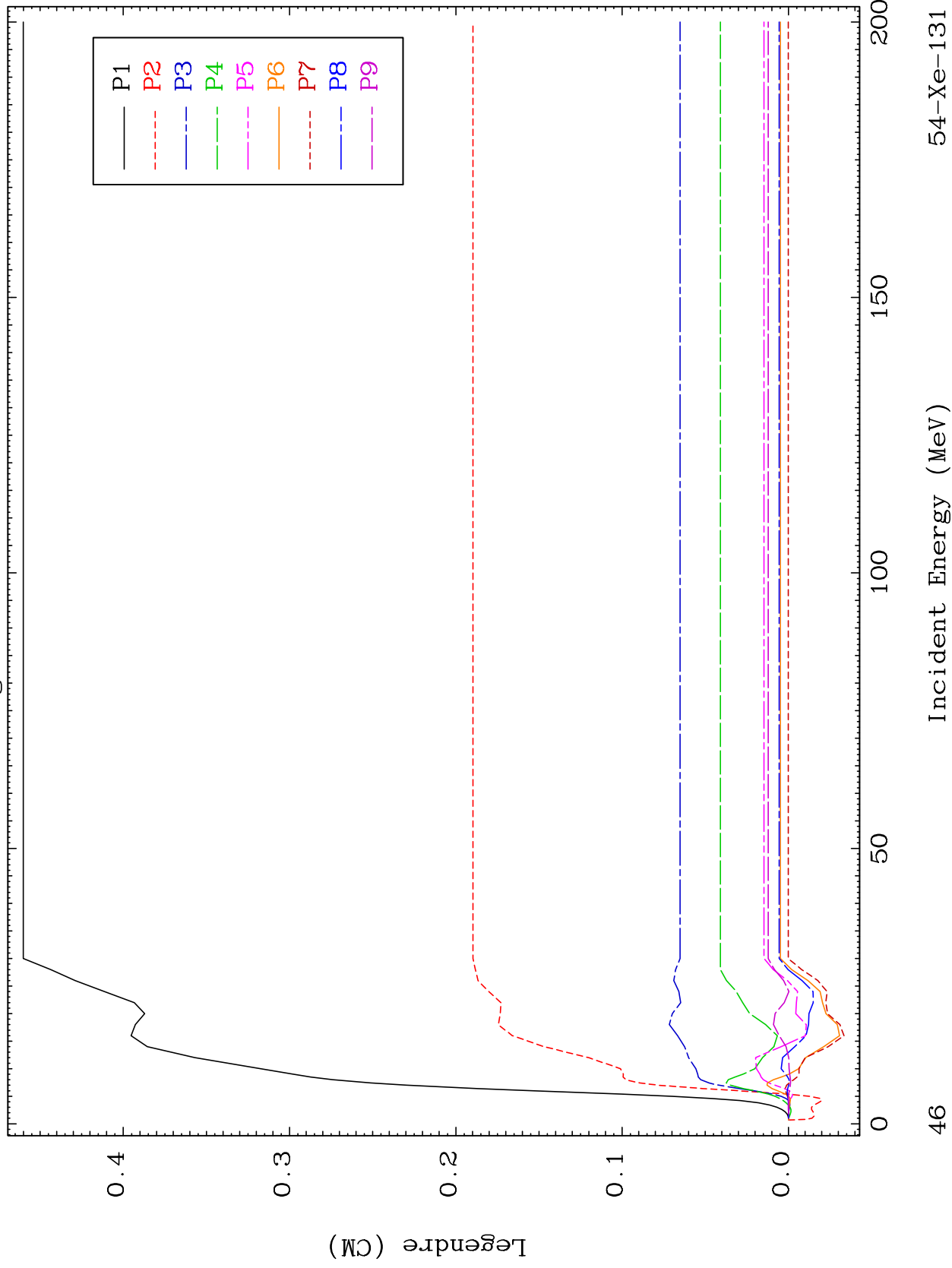
54-Xe-131



MAT 5446

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

54-Xe-131



54-Xe-131

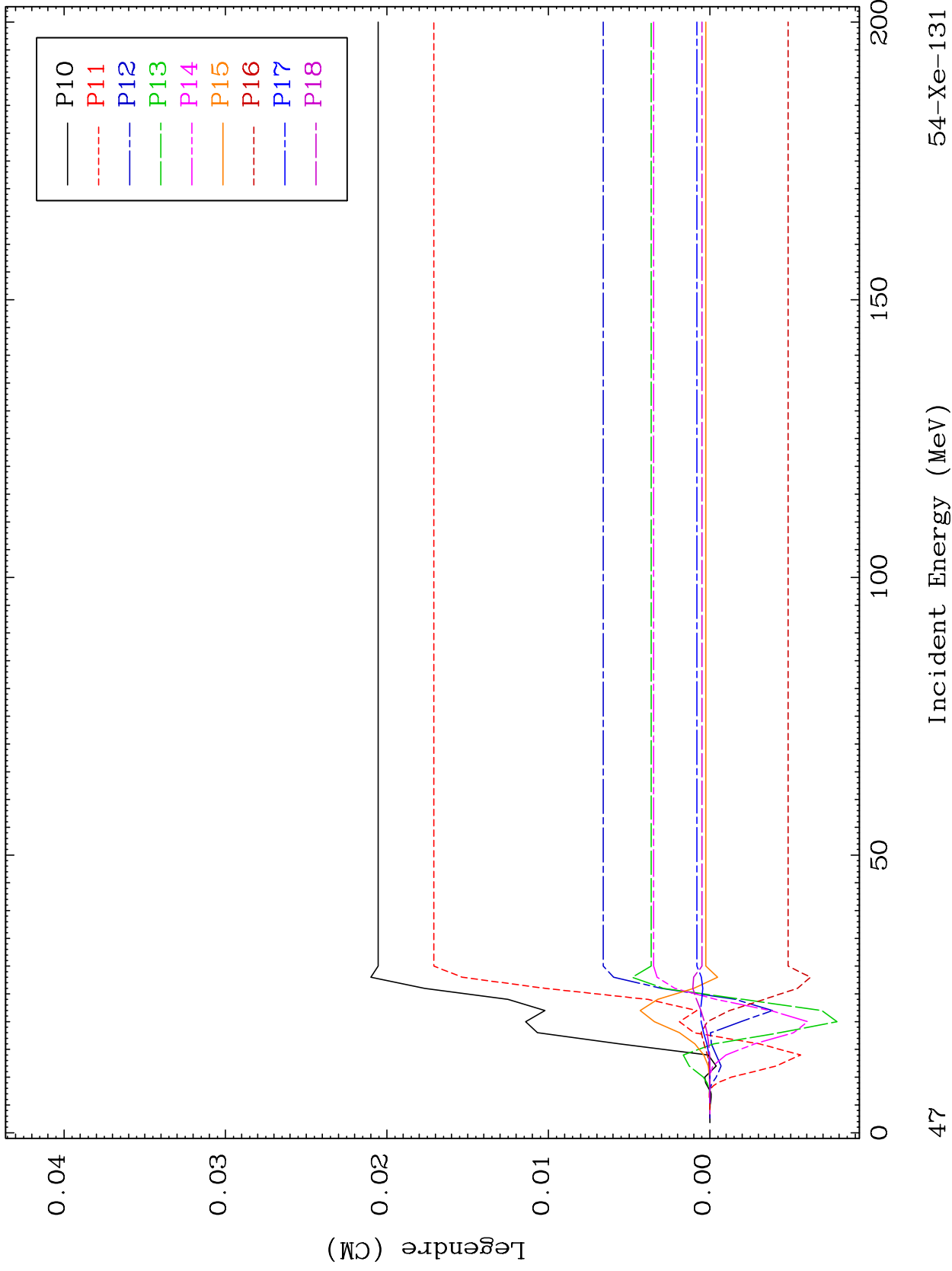
Incident Energy (MeV)

46

MAT 5446

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

54-Xe-131



54-Xe-131

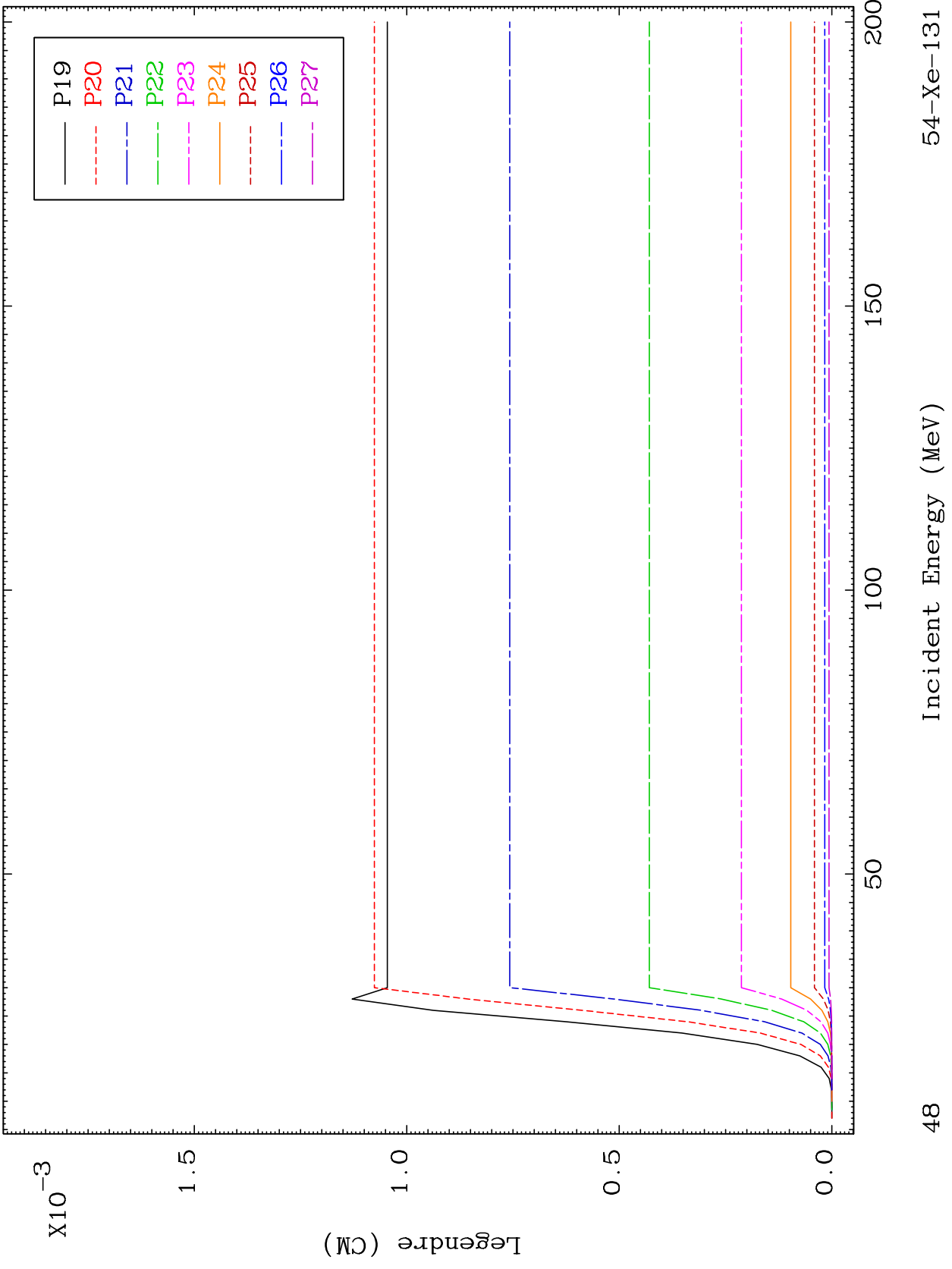
Incident Energy (MeV)

47

MAT 5446

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

54-Xe-131



48

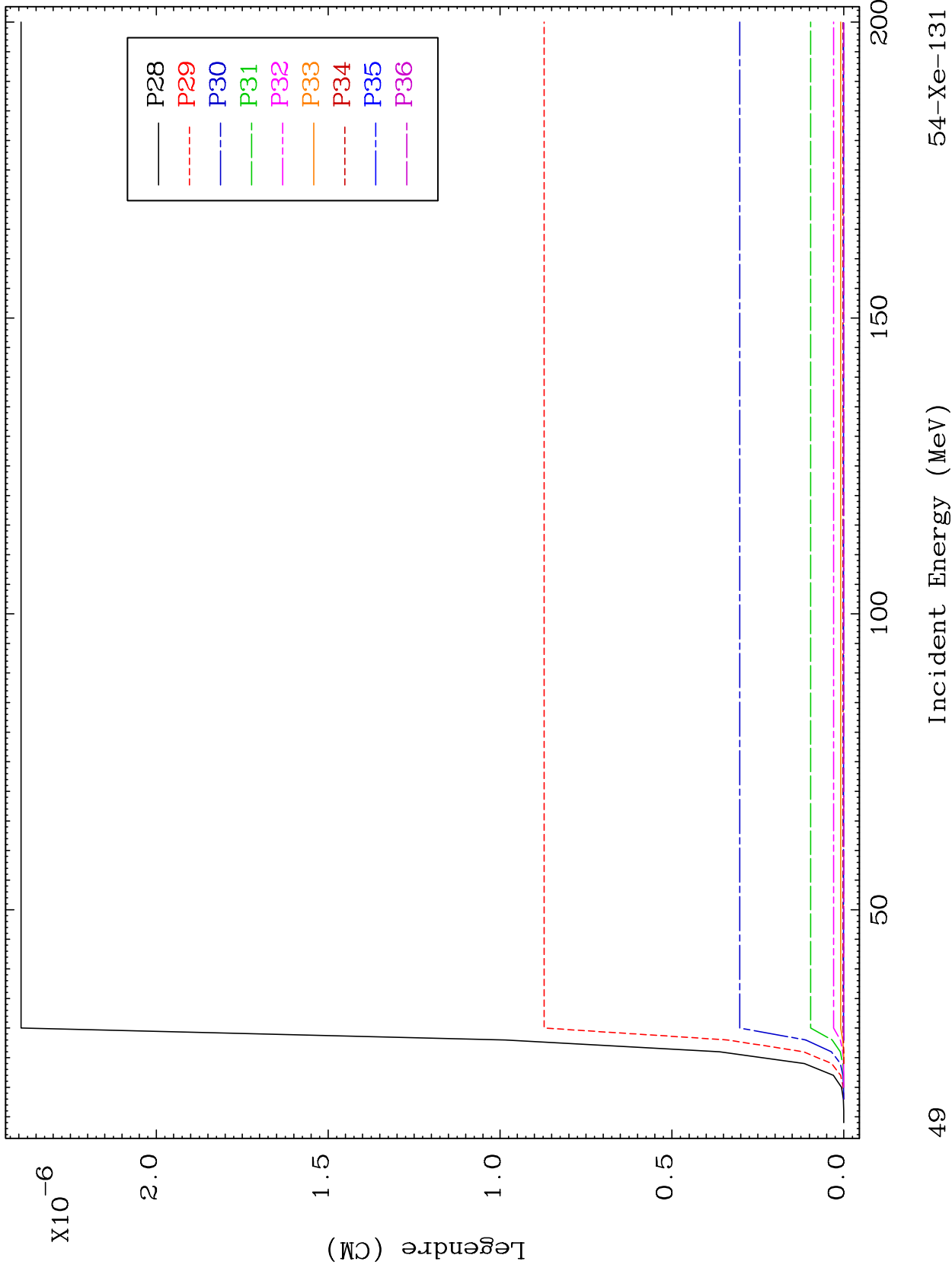
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131



49

Incident Energy (MeV)

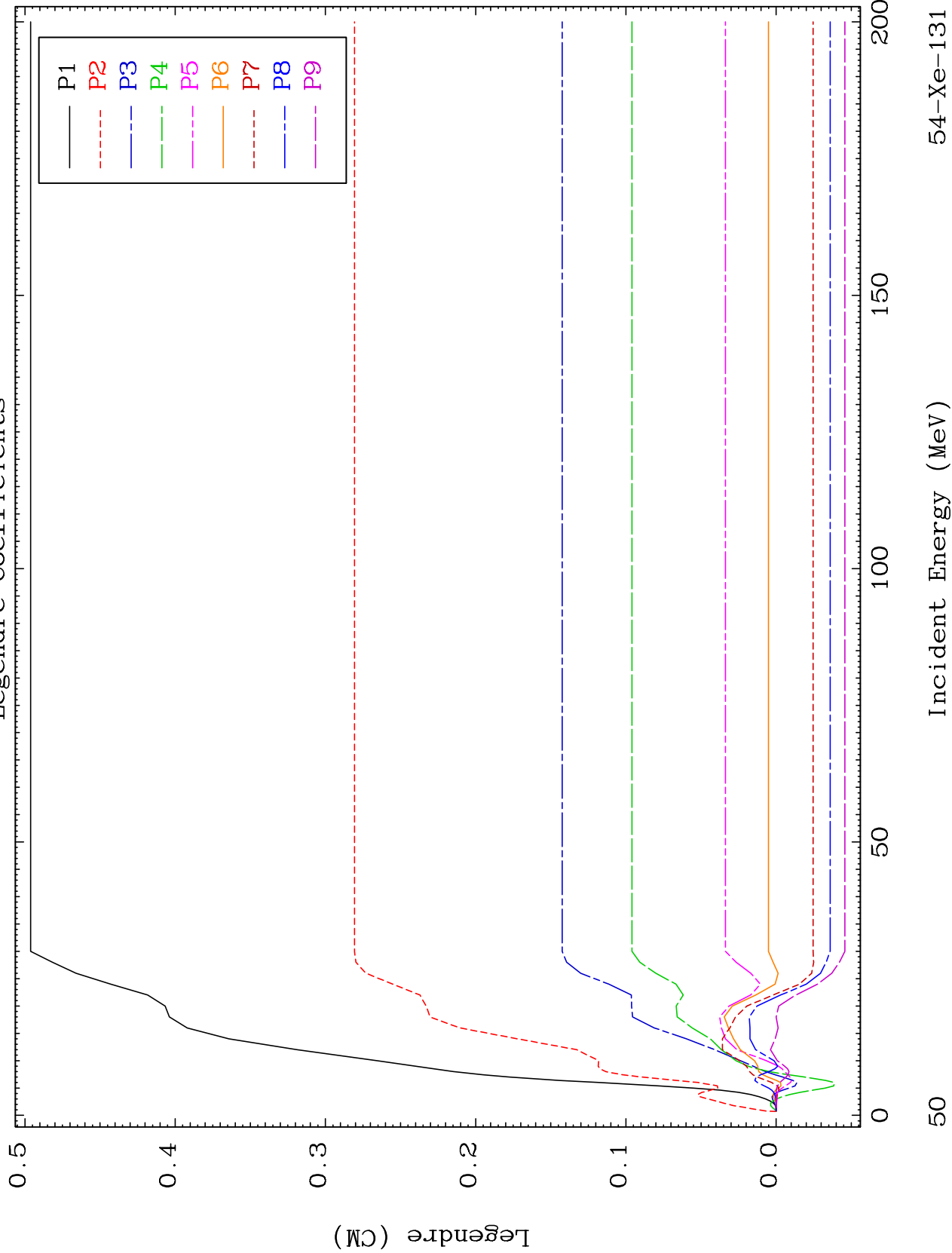
54-Xe-131

MAT 5446

MT= 59 (n,n') Level

54-Xe-131

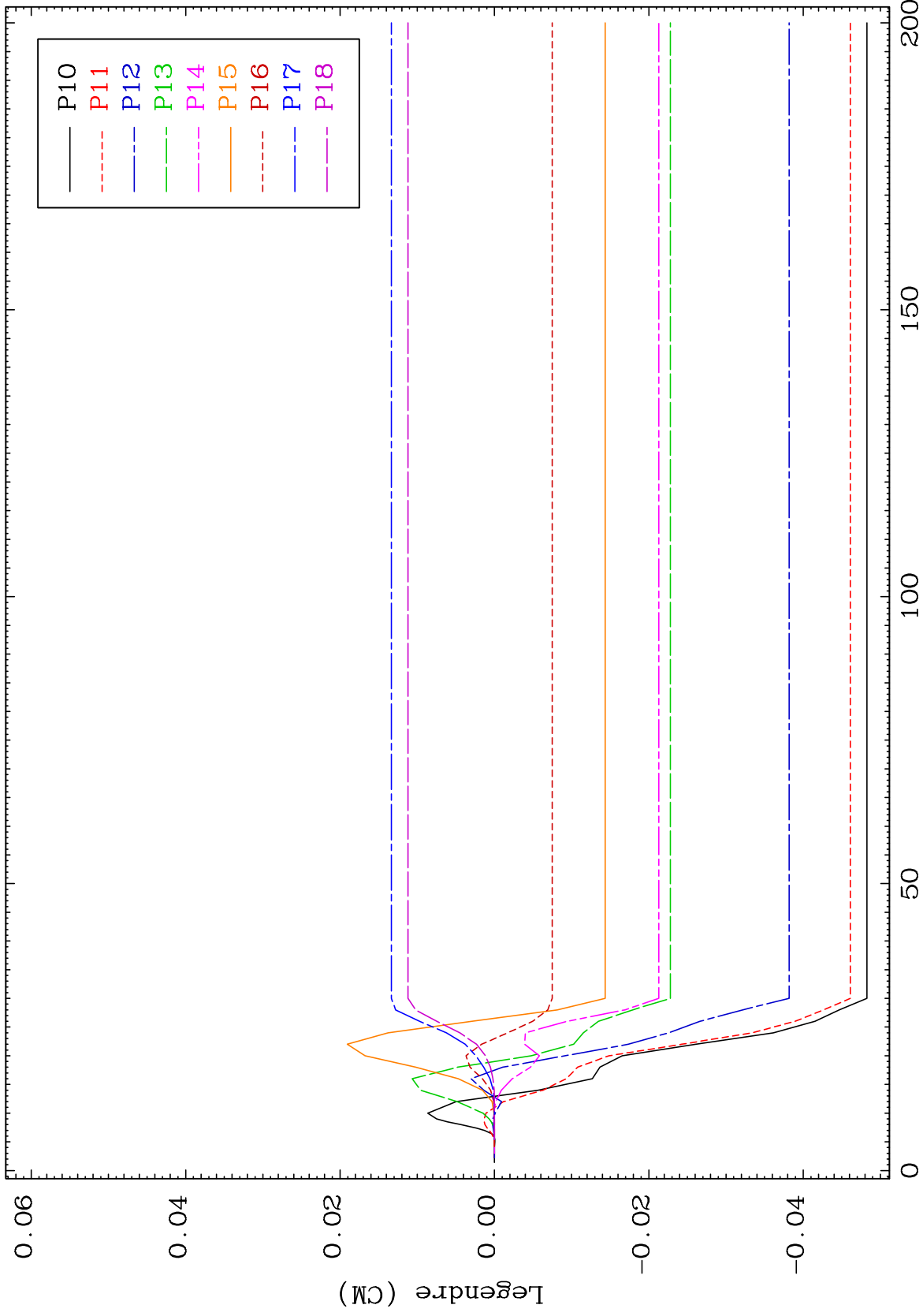
Legendre Coefficients



MAT 5446

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

54-Xe-131



51

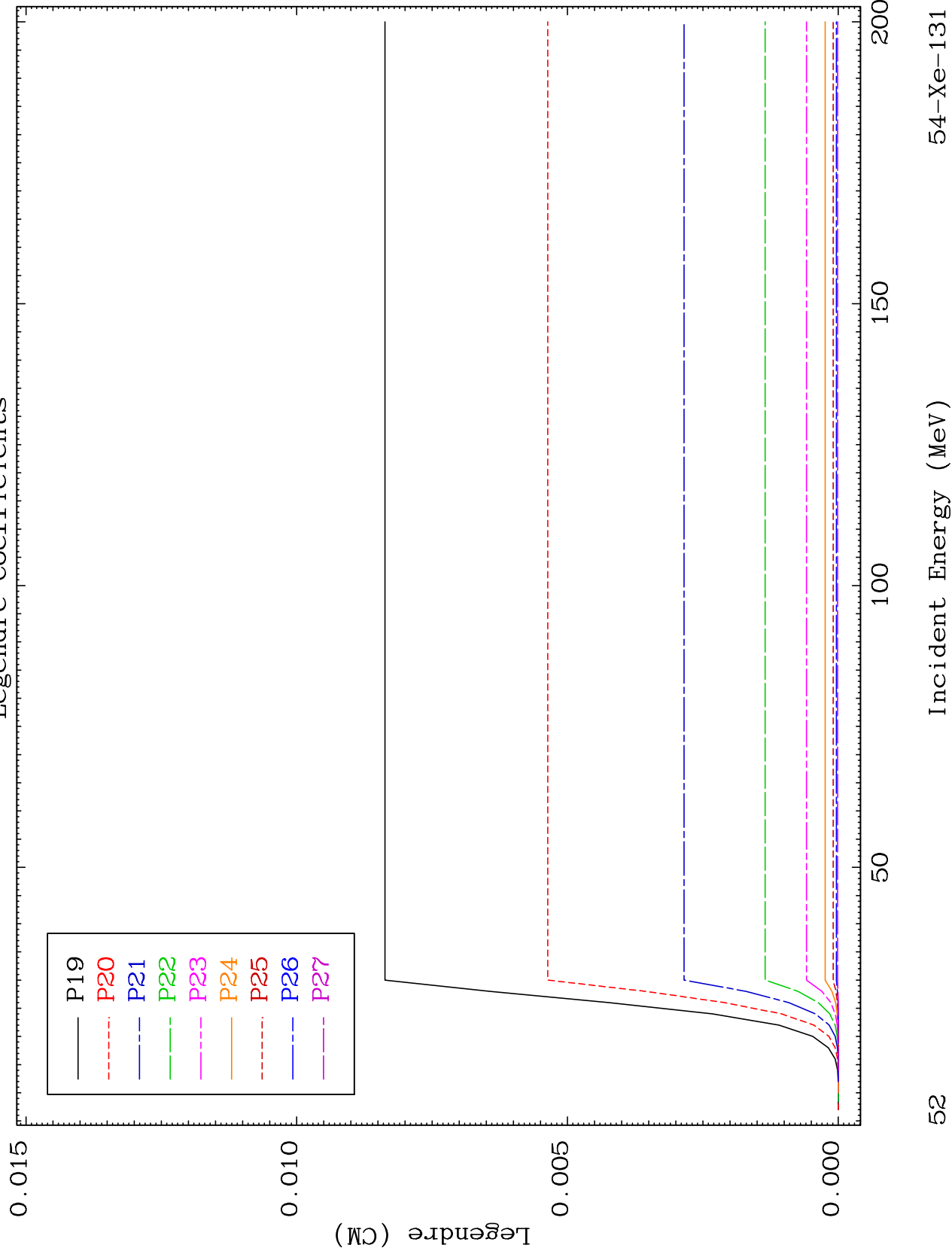
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131



52

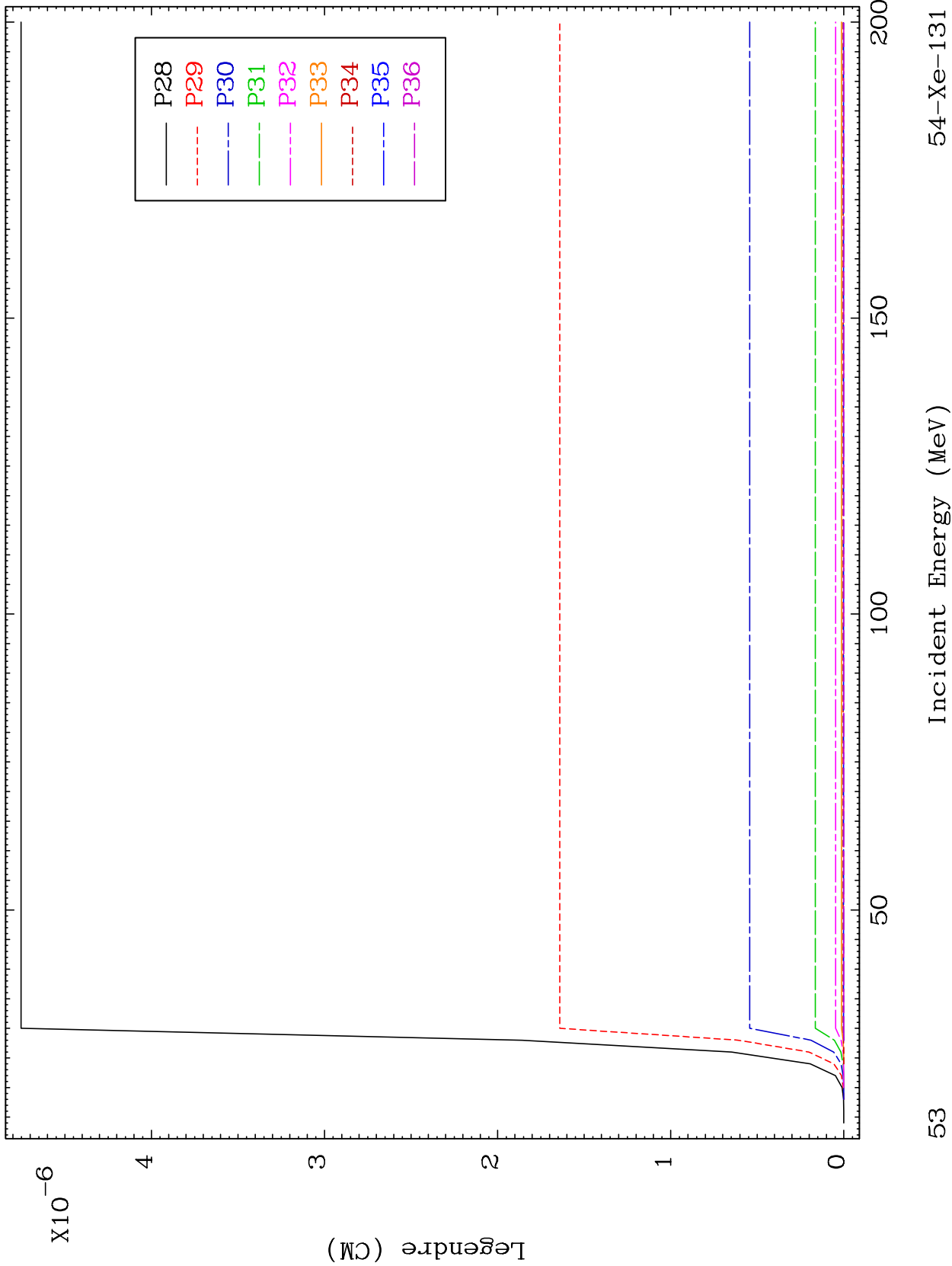
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

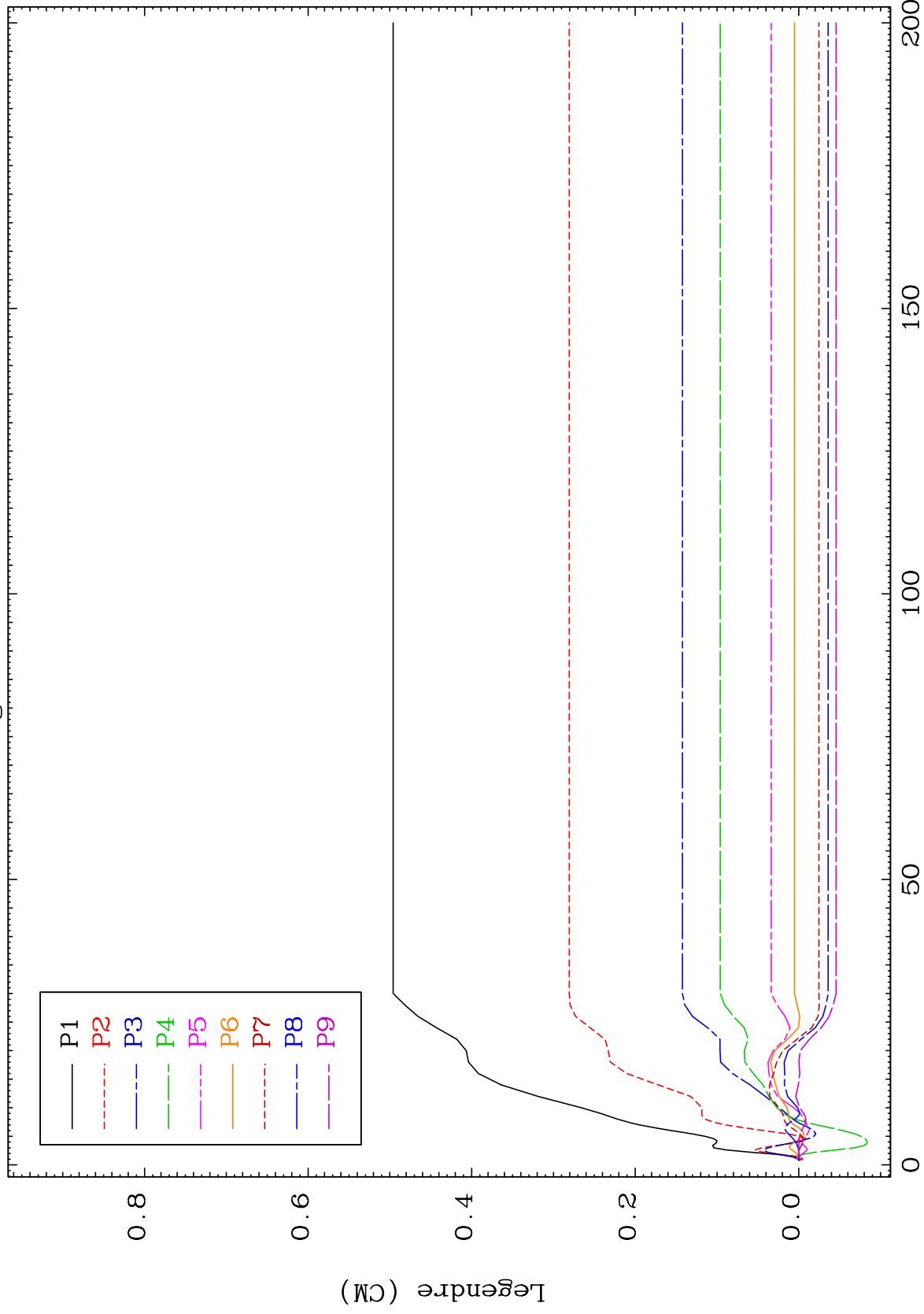
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MAT 5446

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

54-Xe-131



54

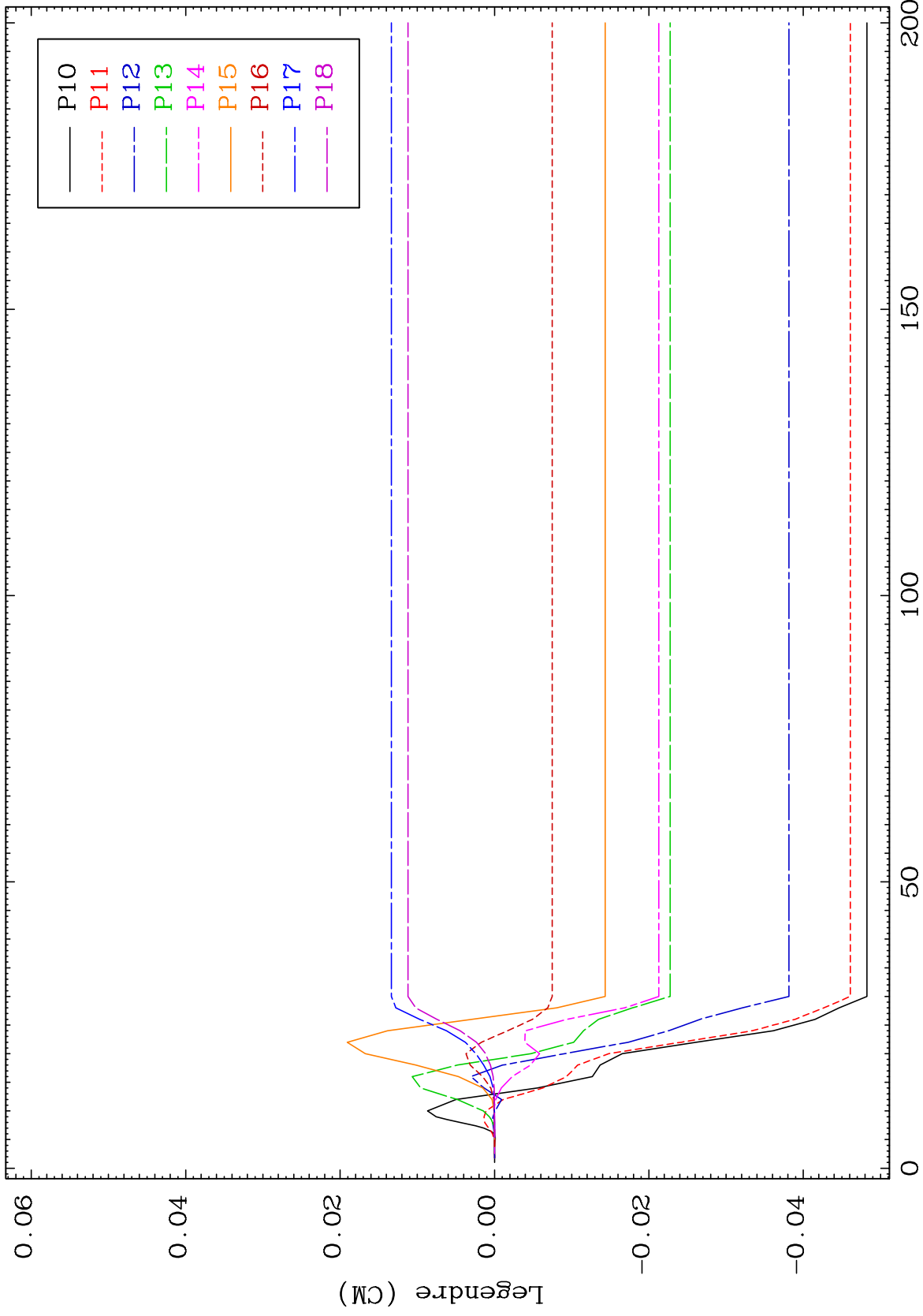
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131



55

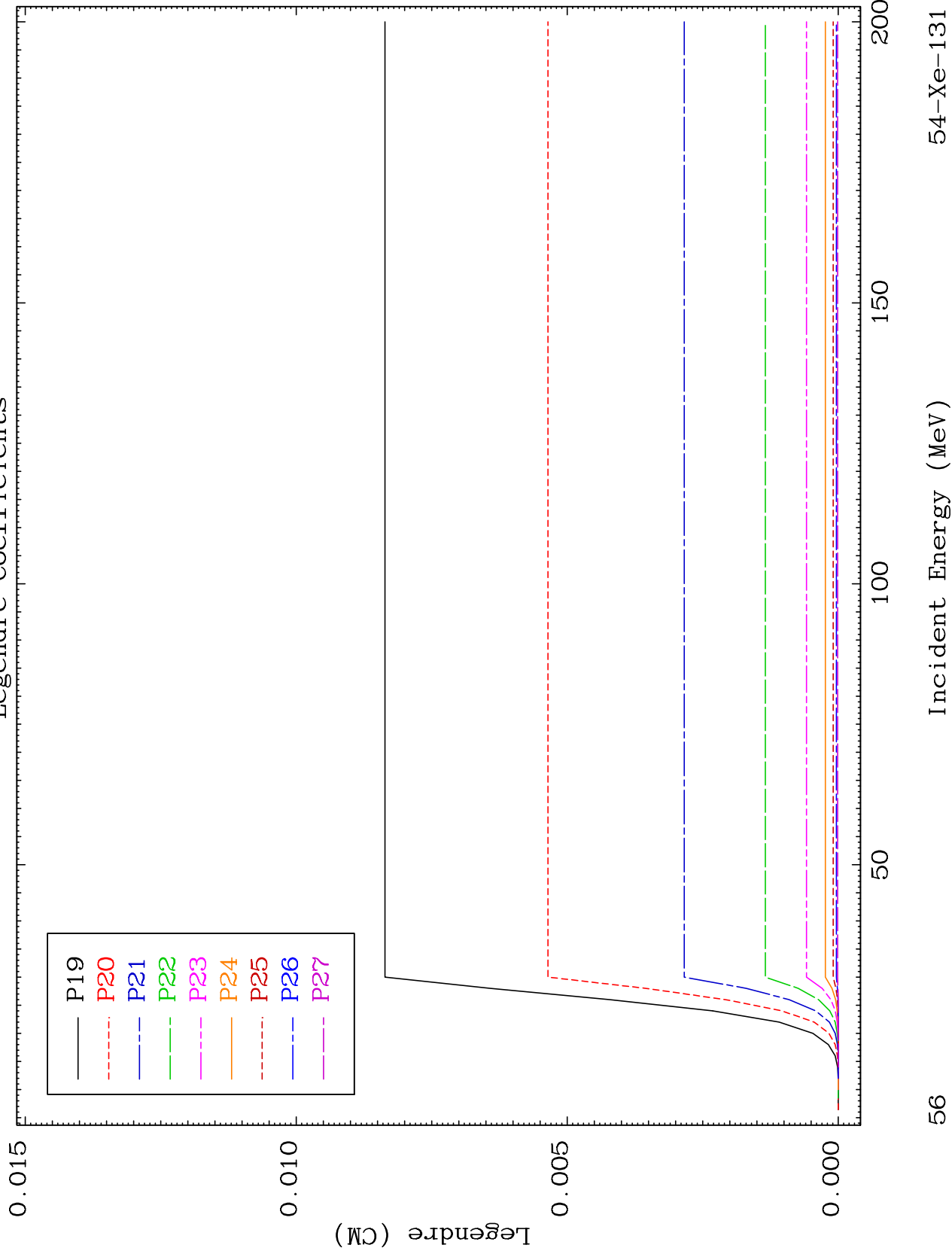
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131



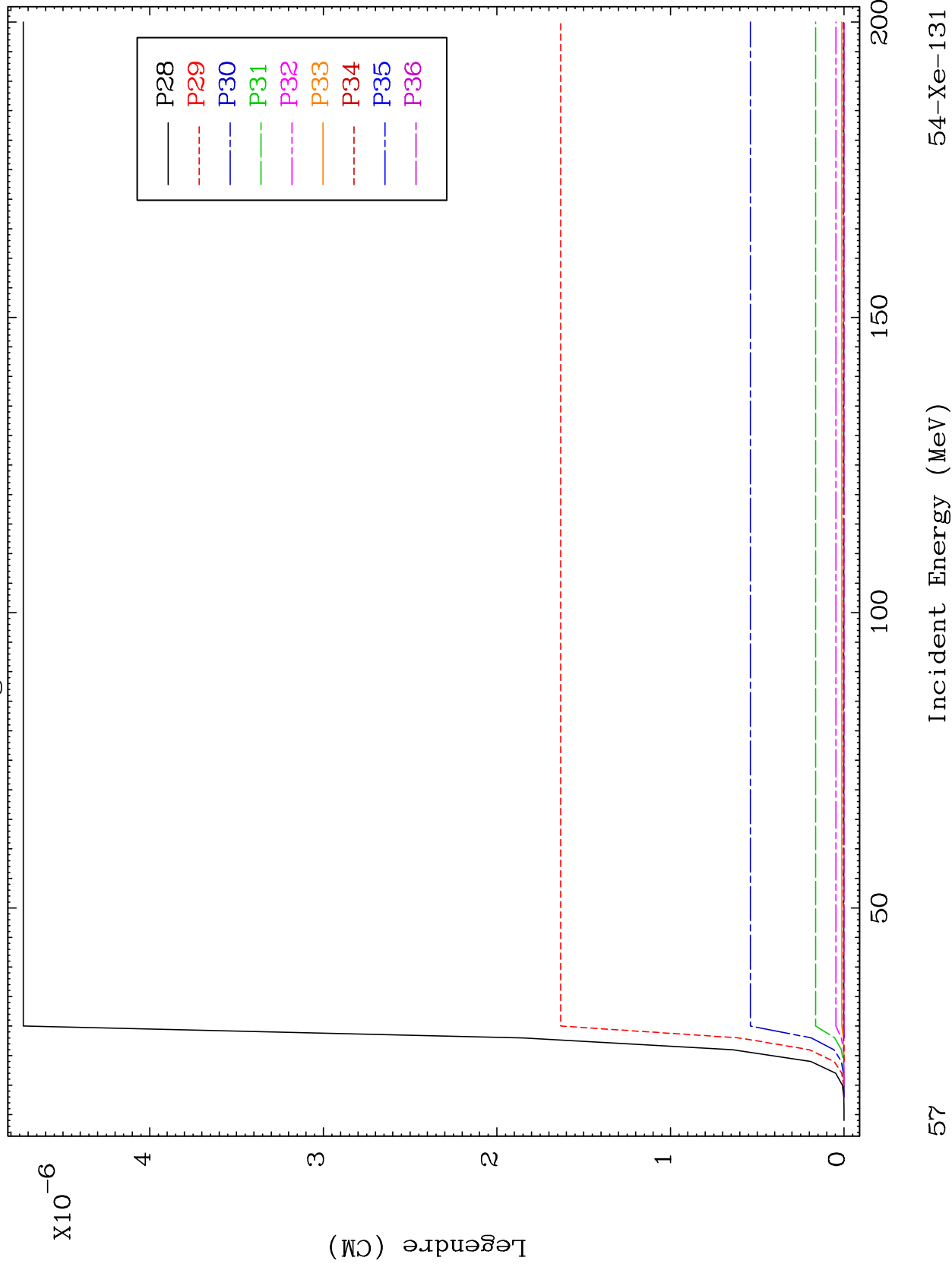
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54-Xe-131

MAT 5446

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

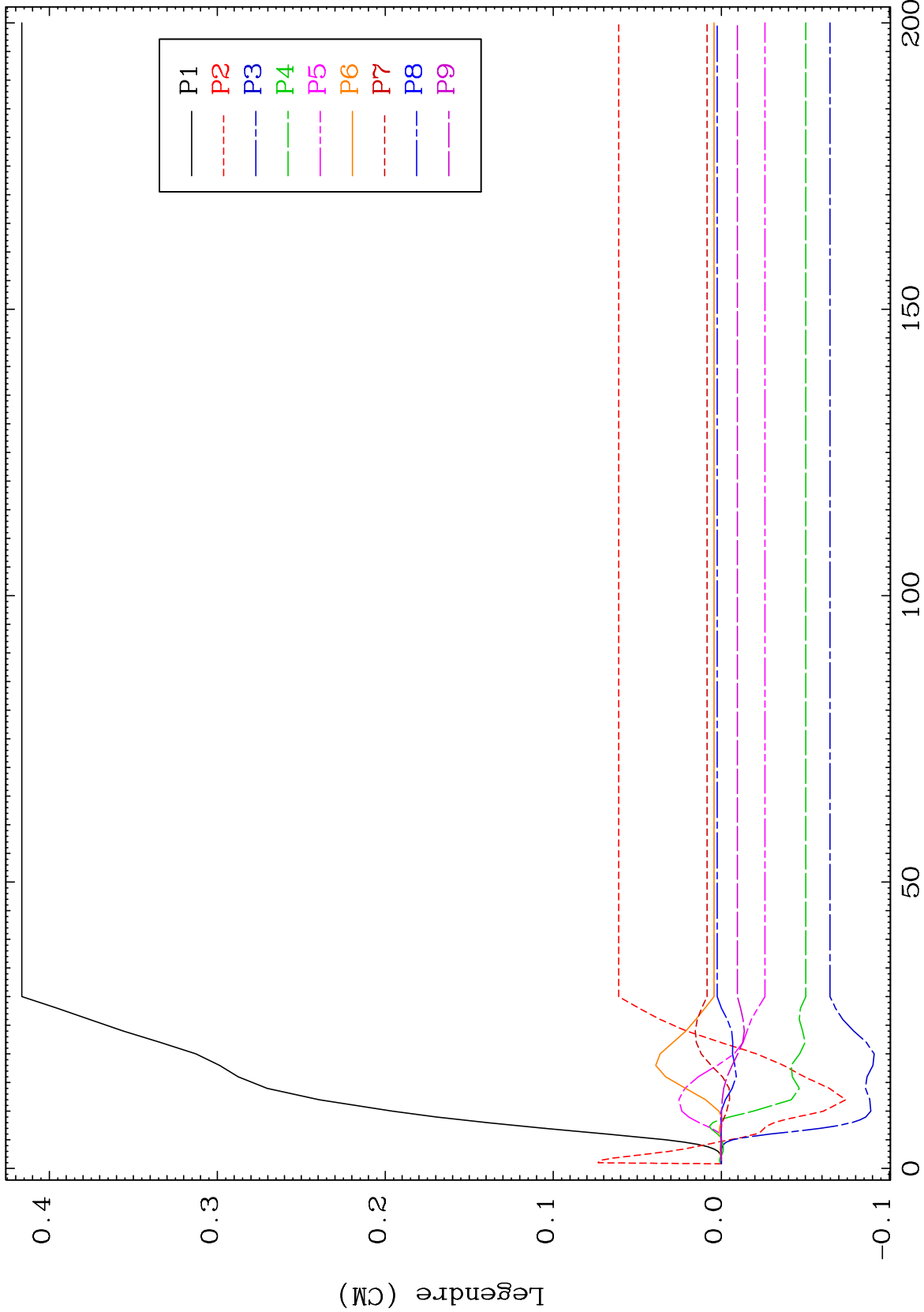
54-Xe-131



MAT 5446

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

54-Xe-131



58

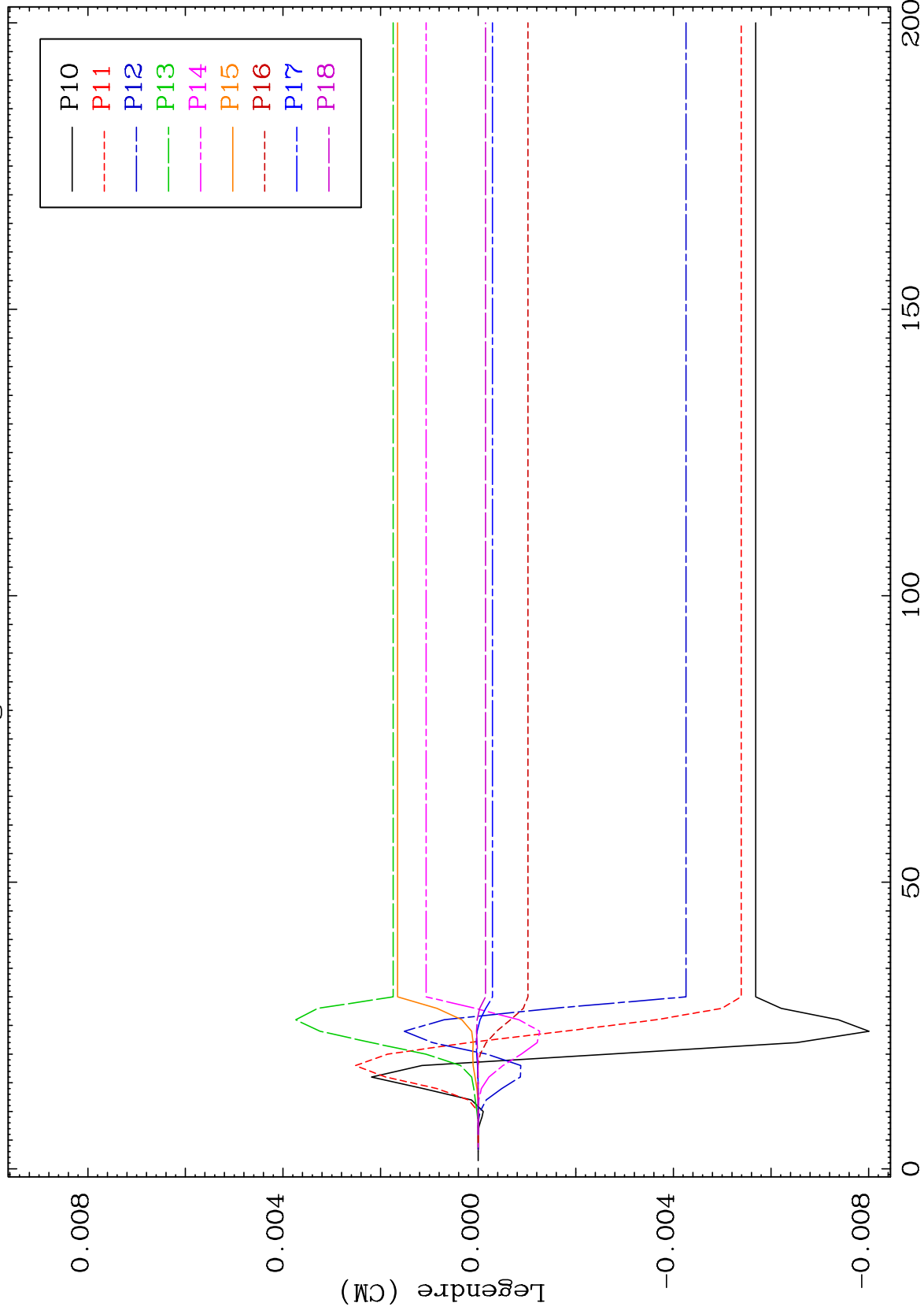
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131



59

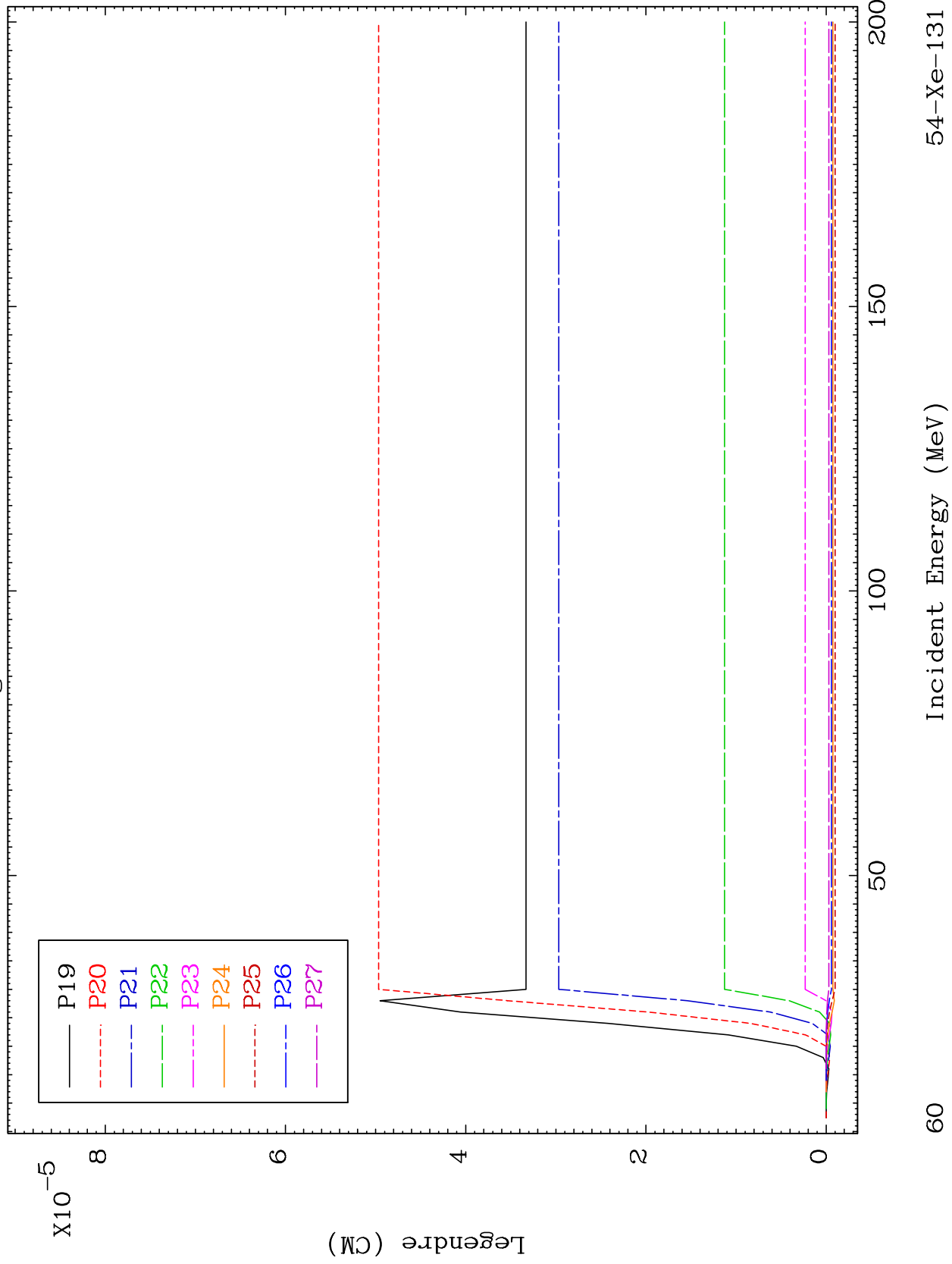
Incident Energy (MeV)

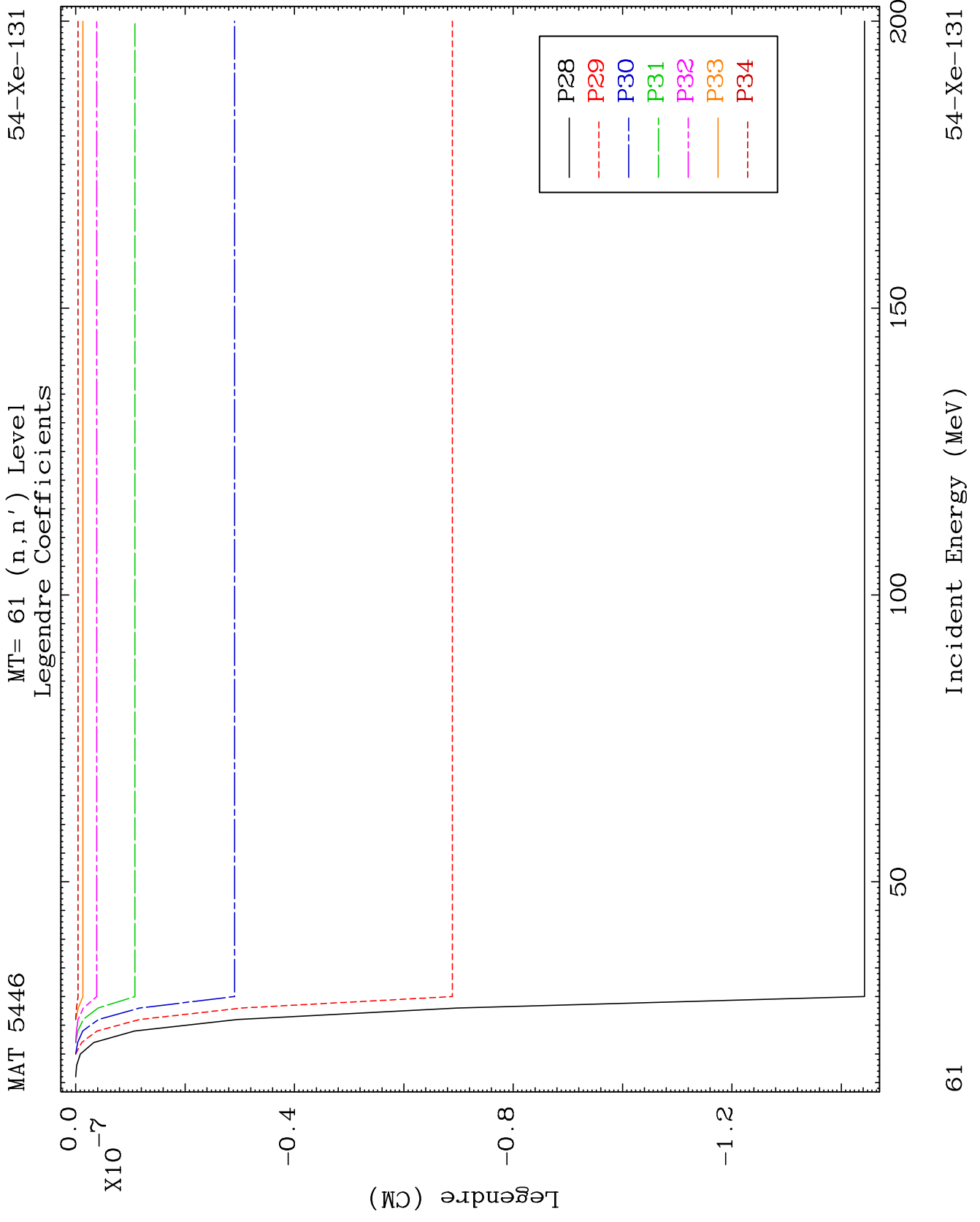
54-Xe-131

MAT 5446

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

54-Xe-131

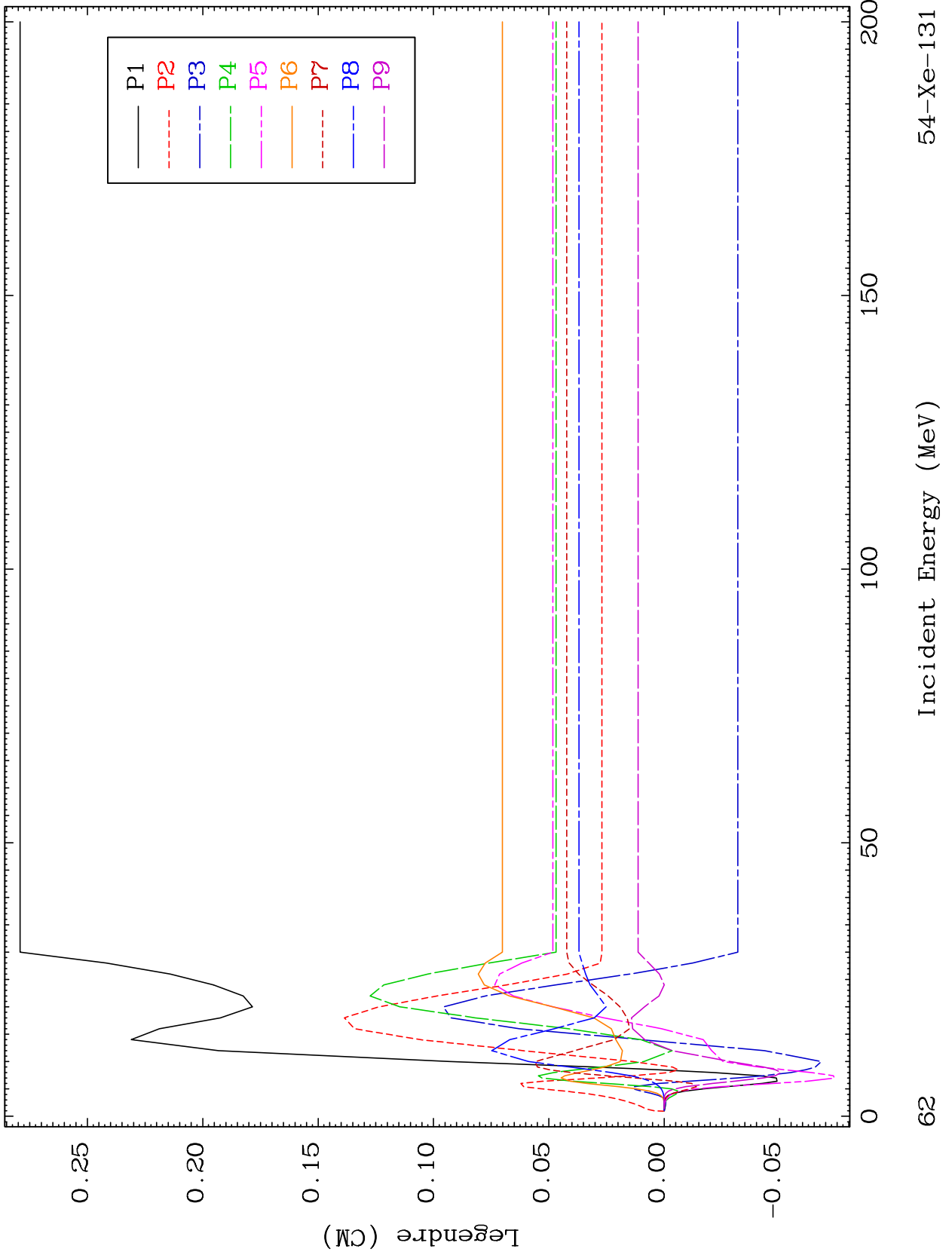




MAT 5446

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

54-Xe-131



54-Xe-131

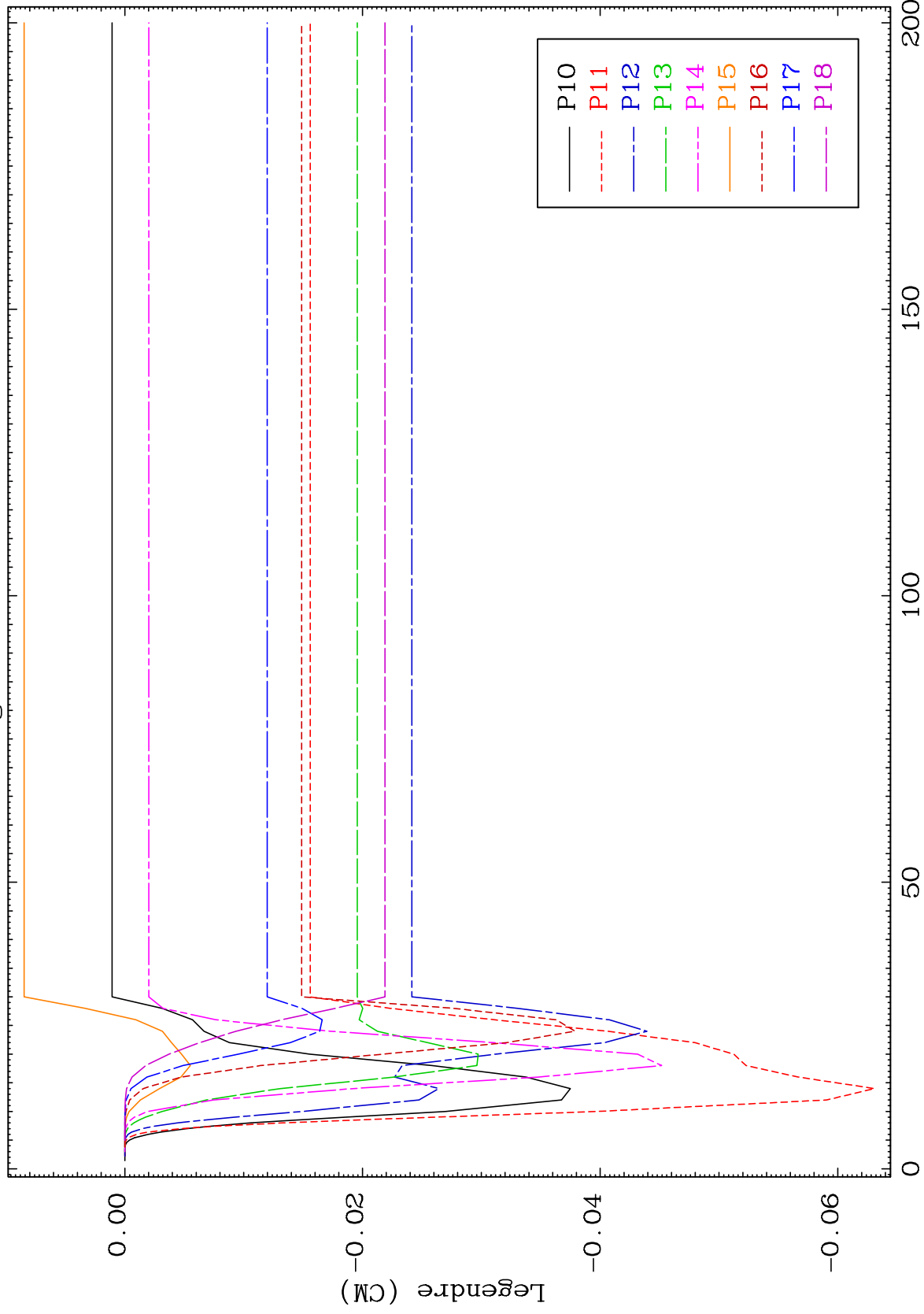
Incident Energy (MeV)

62

MAT 5446

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

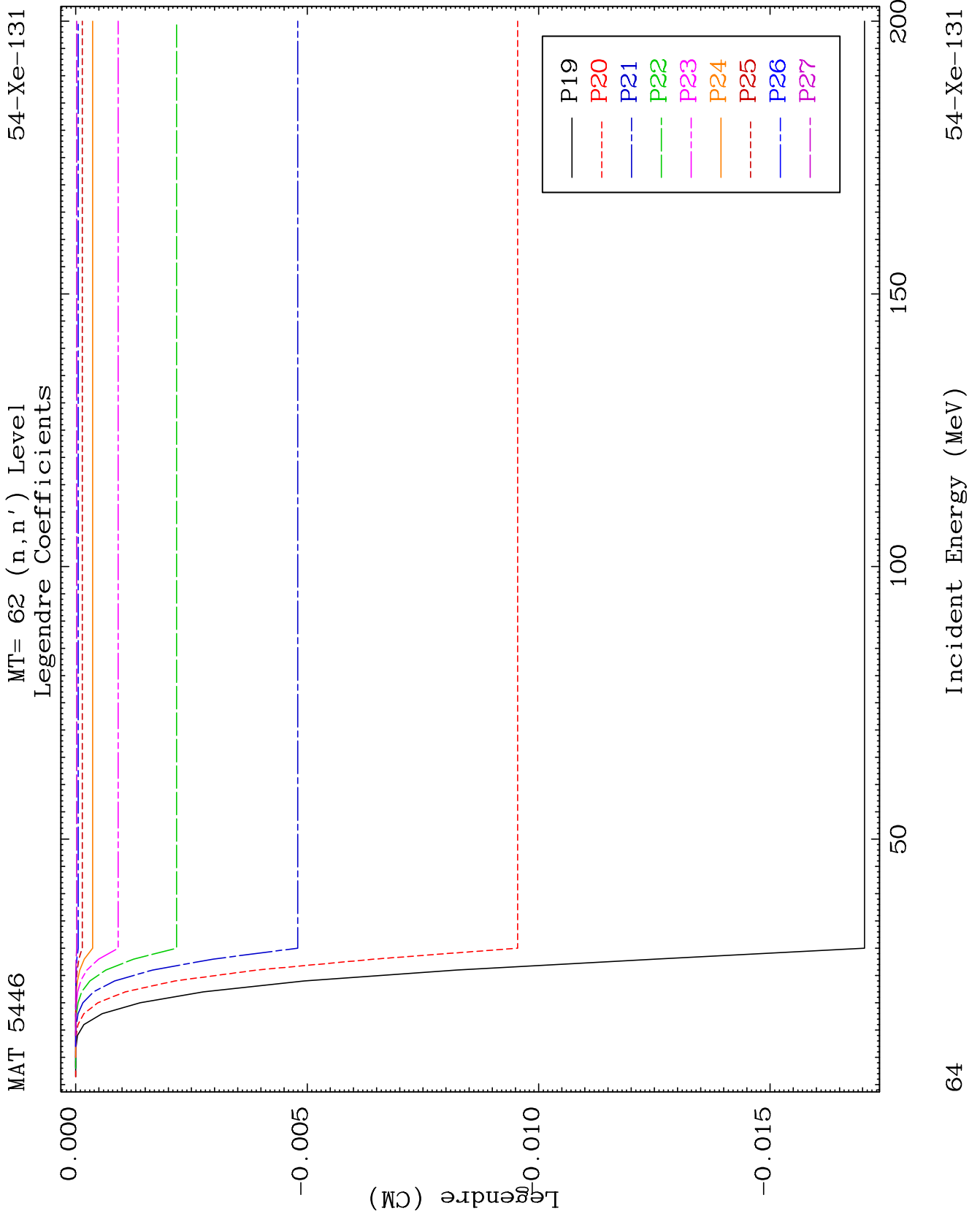
54-Xe-131

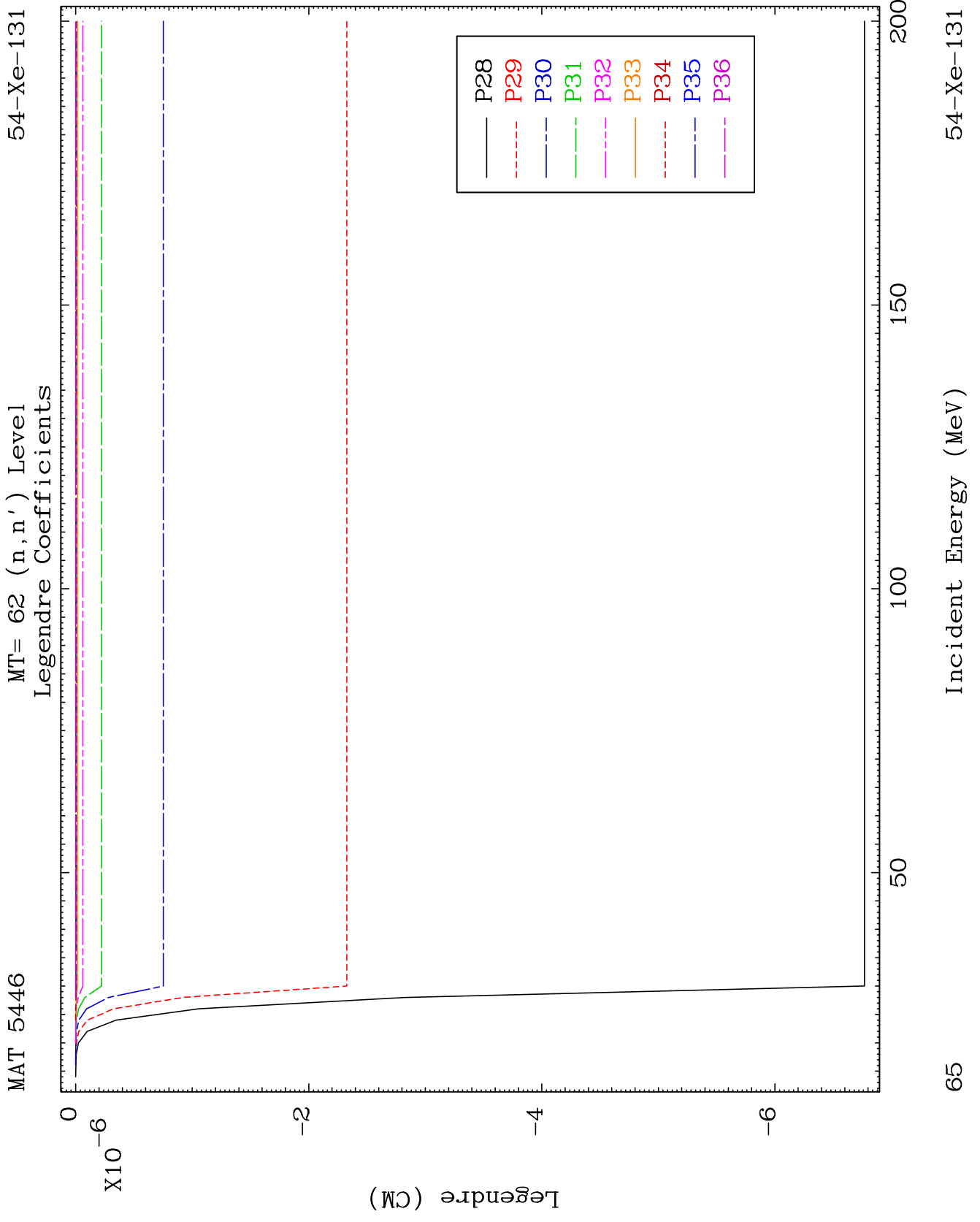


63

Incident Energy (MeV)

54-Xe-131



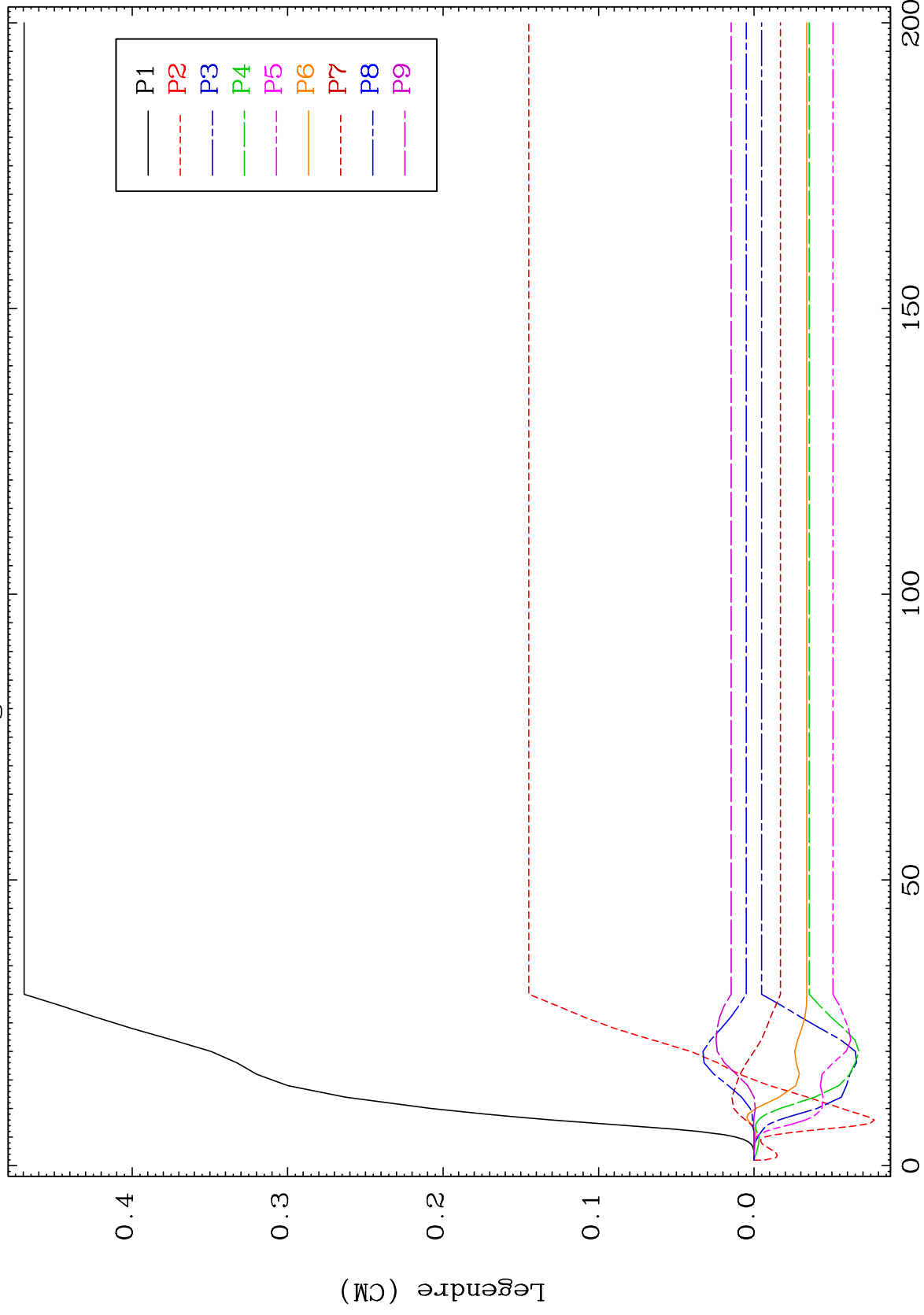


MAT 5446

MT= 63 (n,n') Level

54-Xe-131

Legendre Coefficients



66

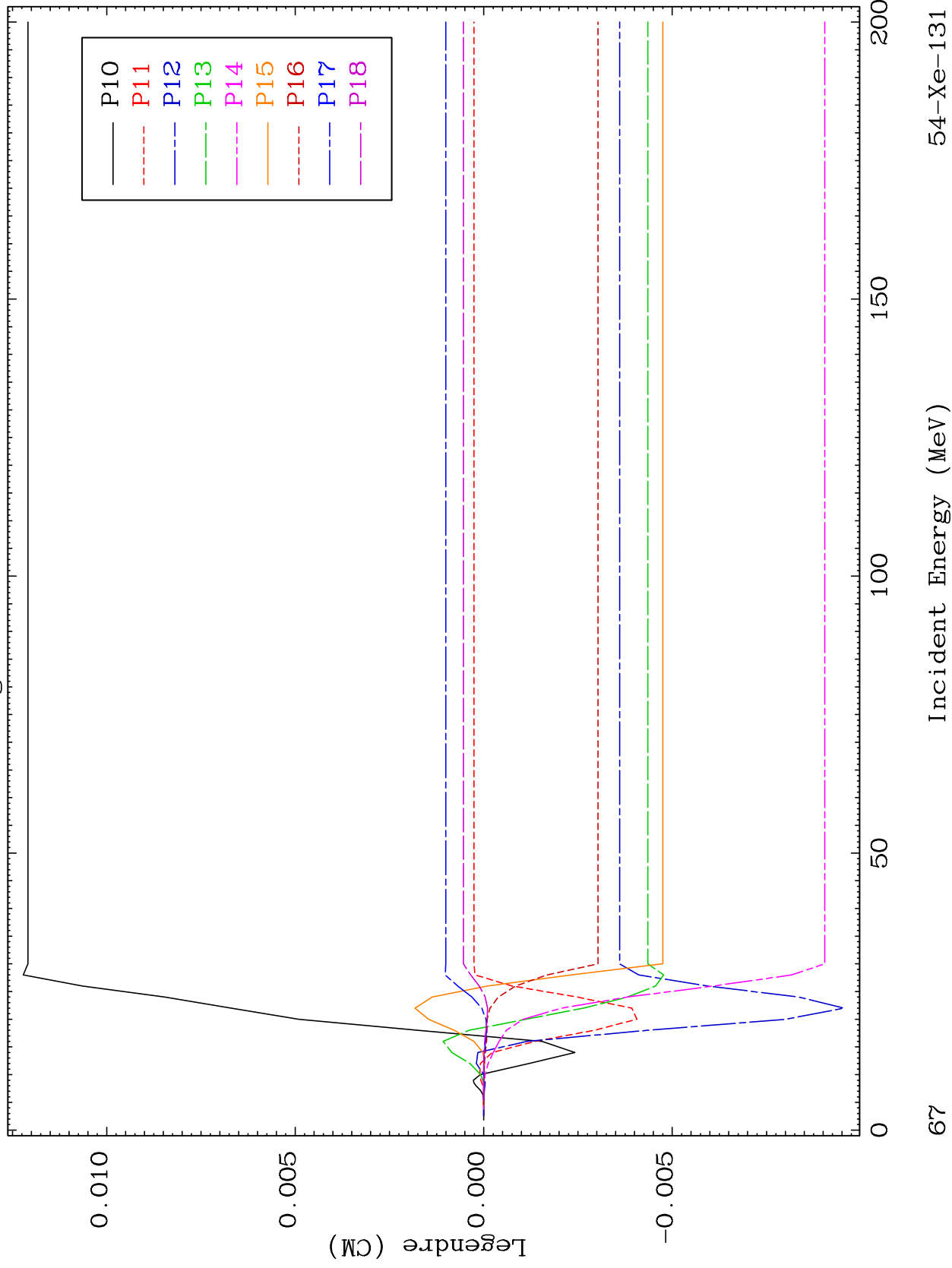
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131



54-Xe-131

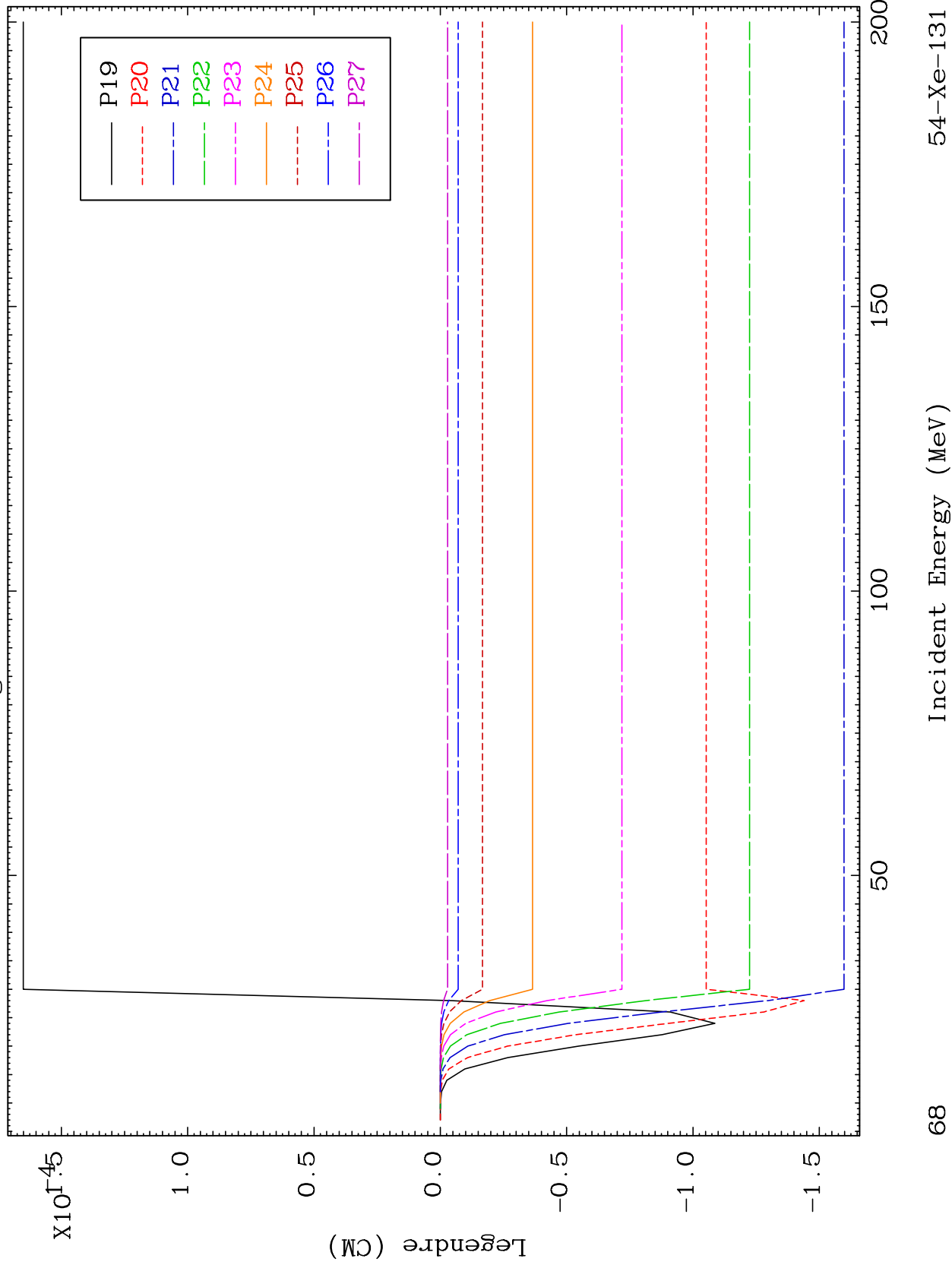
Incident Energy (MeV)

67

MAT 5446

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

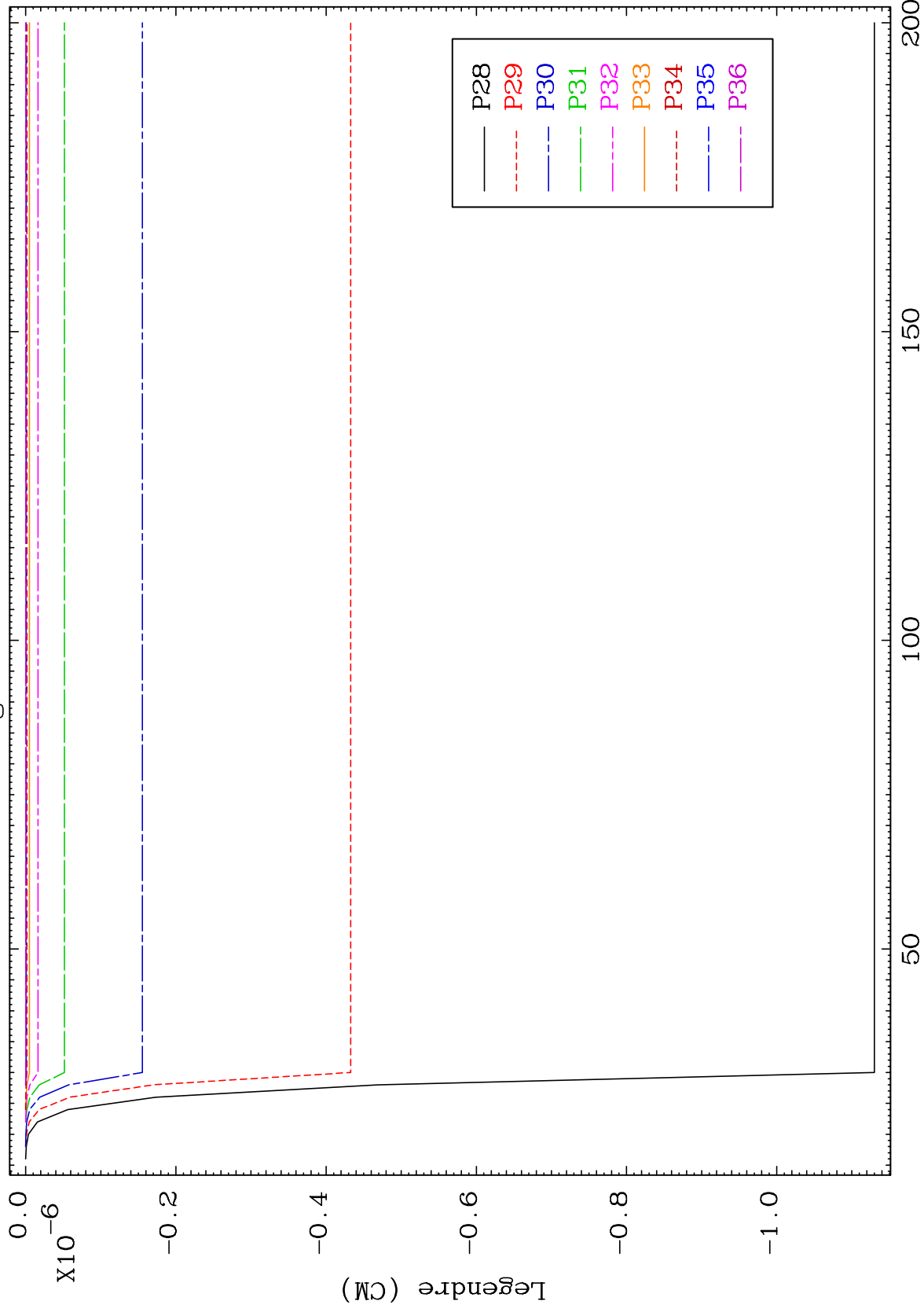
54-Xe-131



MAT 5446

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

54-Xe-131



69

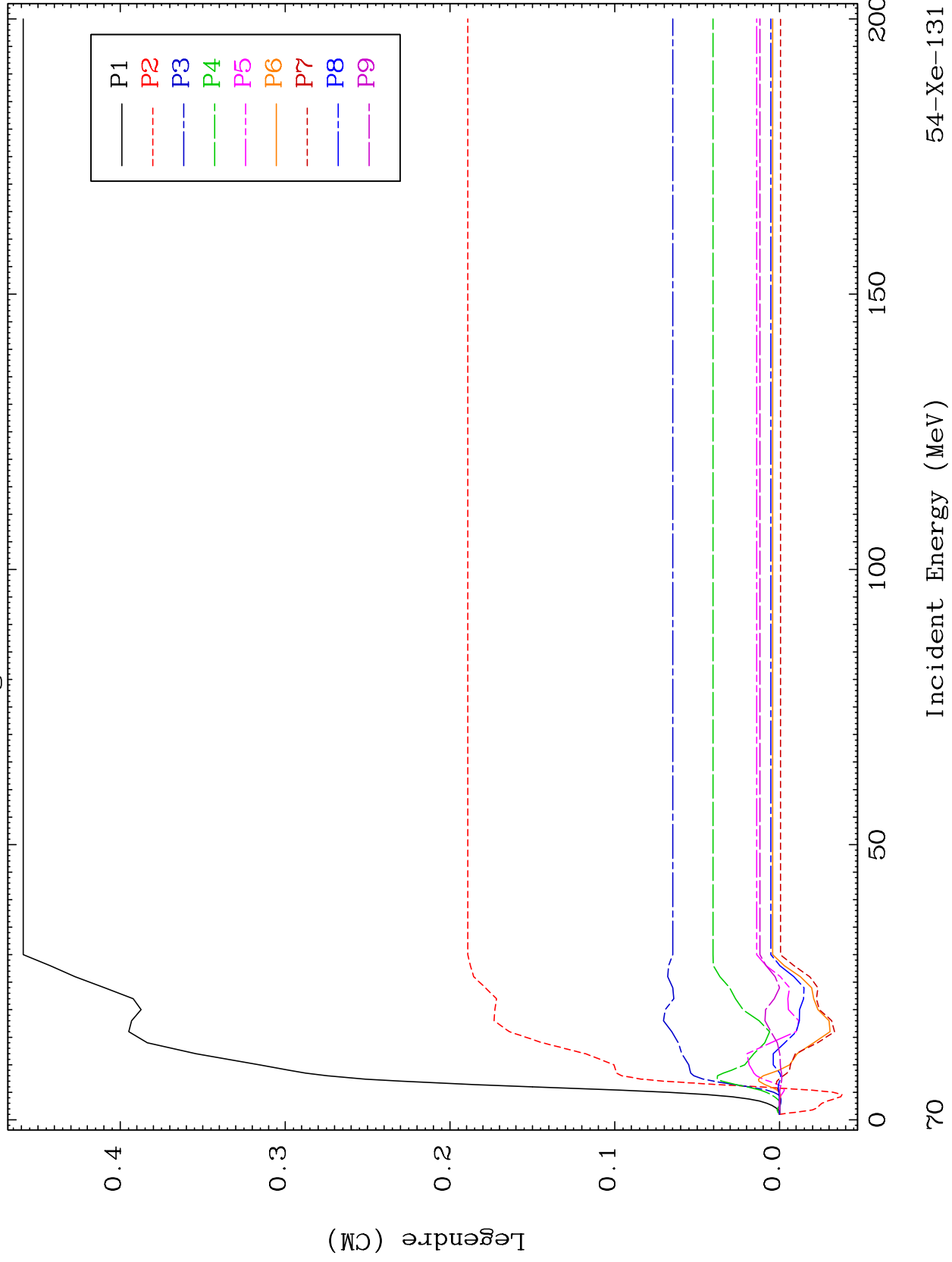
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131



54-Xe-131

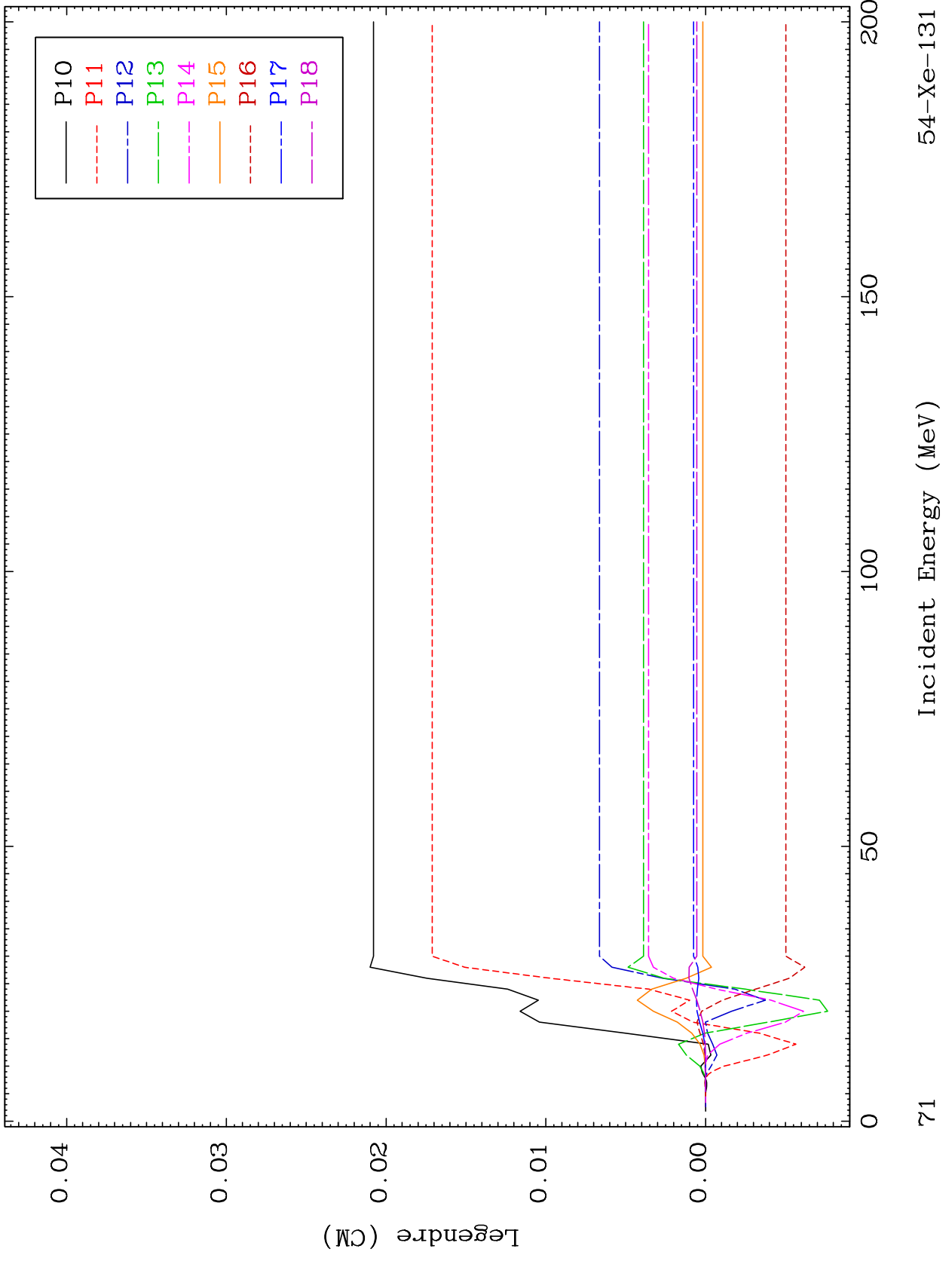
Incident Energy (MeV)

70

MAT 5446

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

54-Xe-131



71

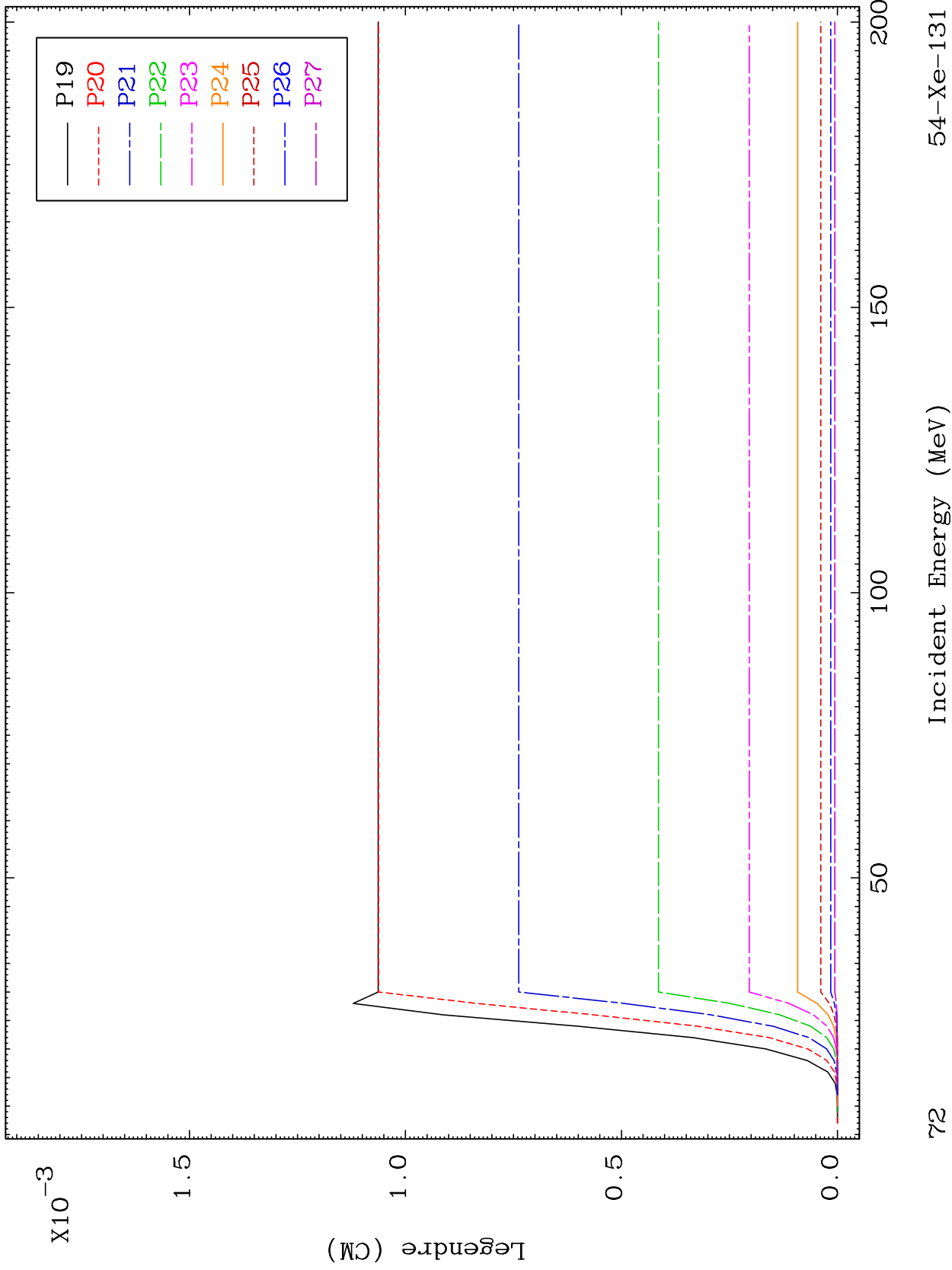
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131



72

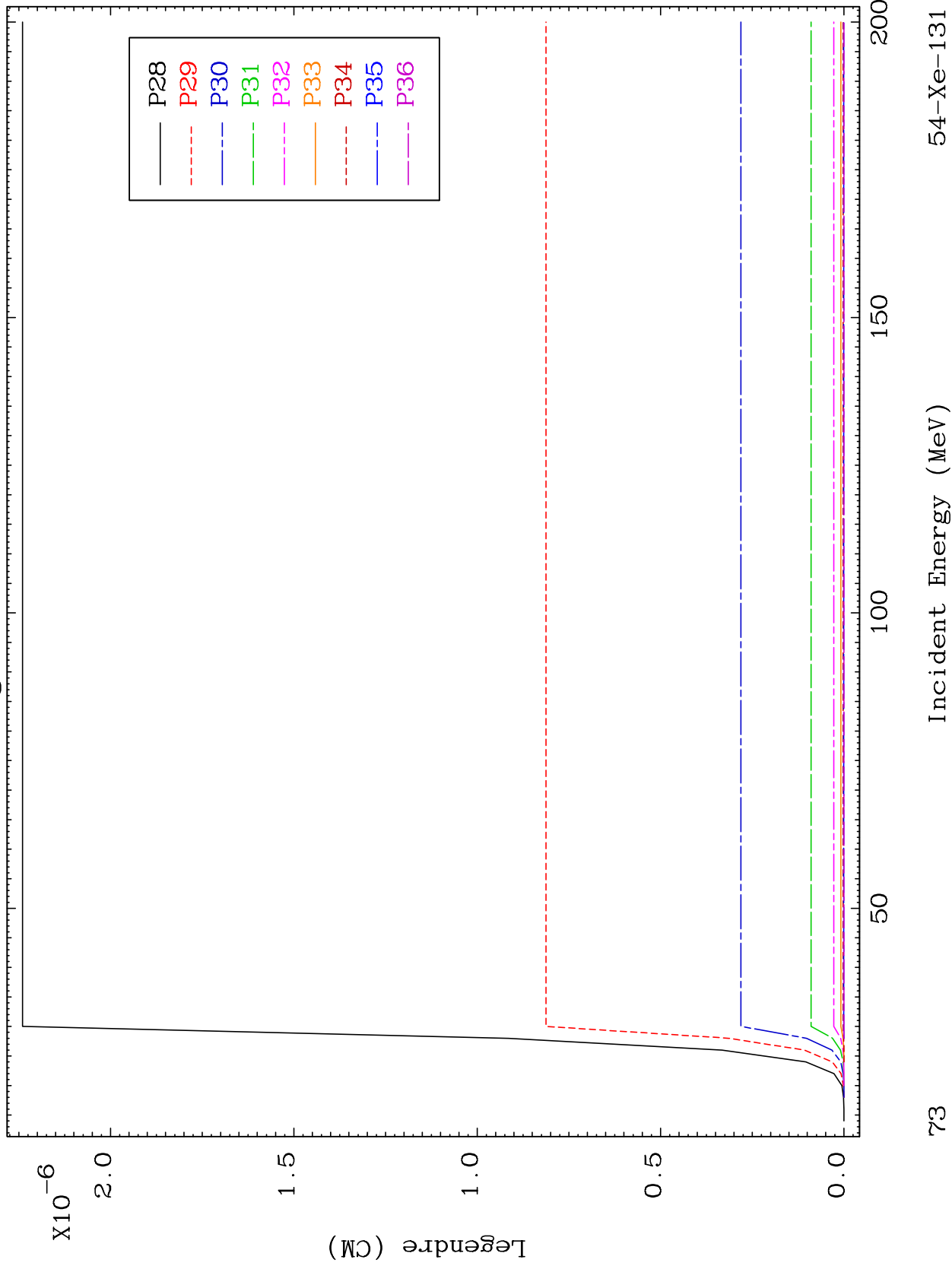
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

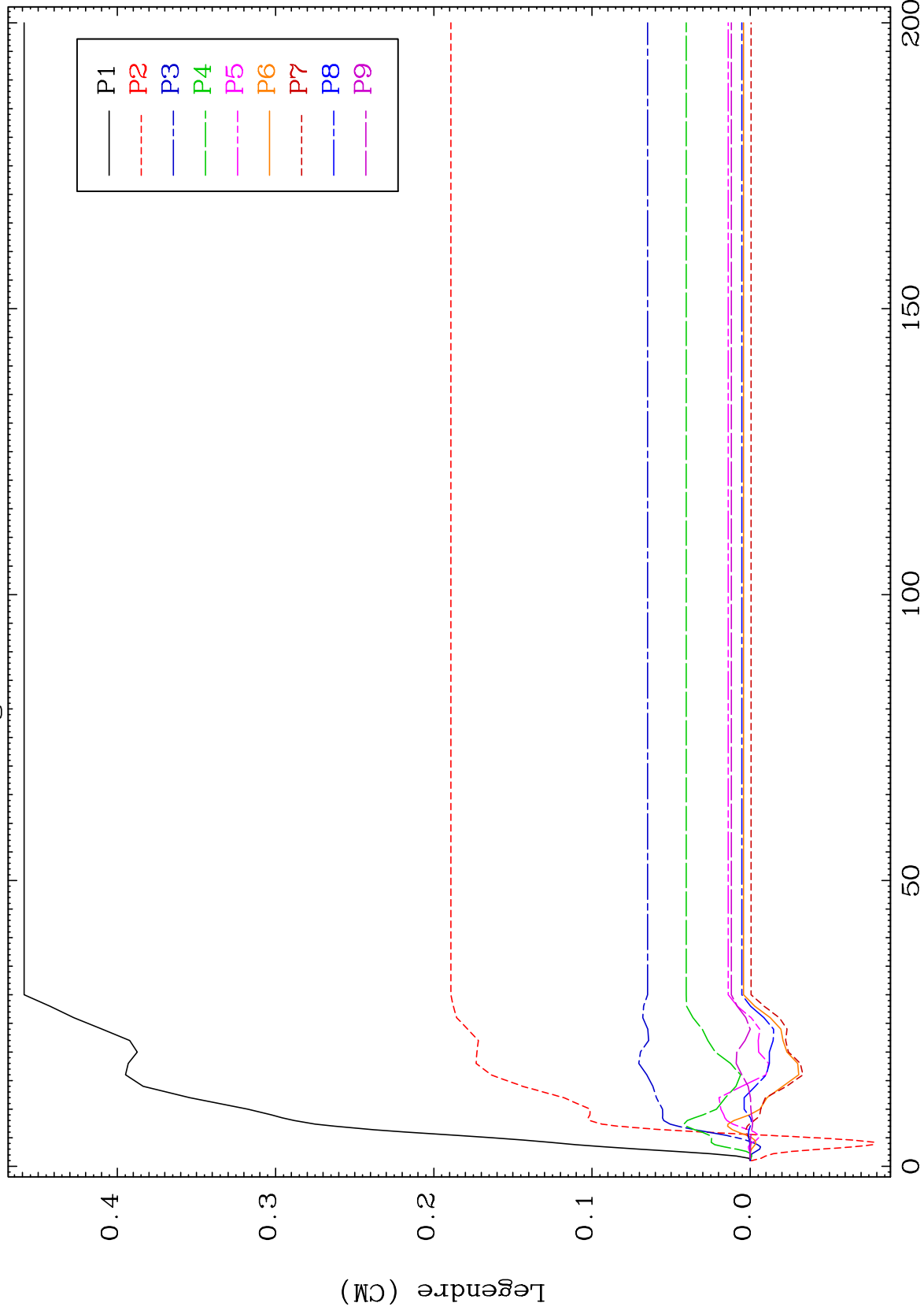
54-Xe-131



MAT 5446

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

54-Xe-131



74

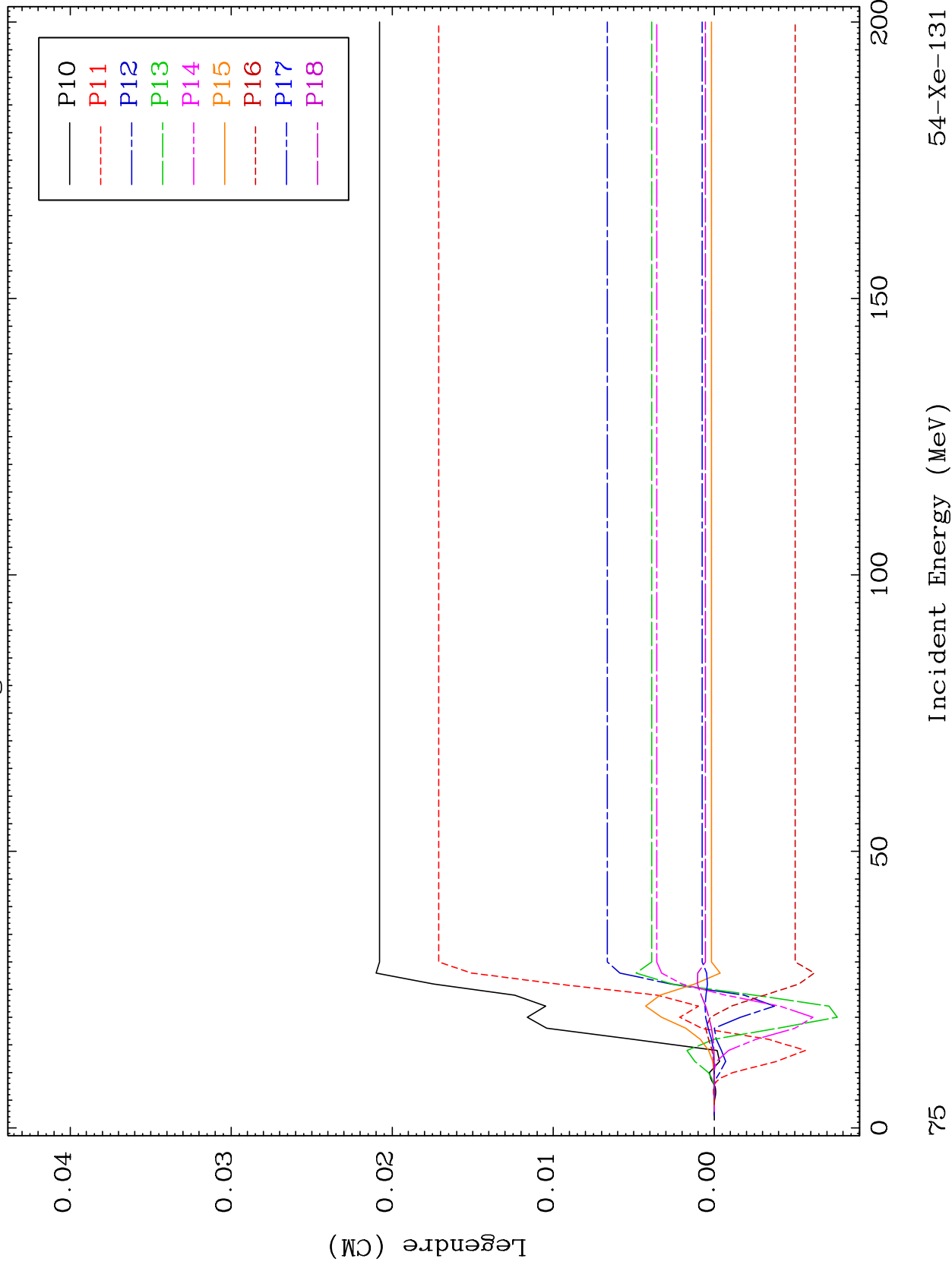
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131



54-Xe-131

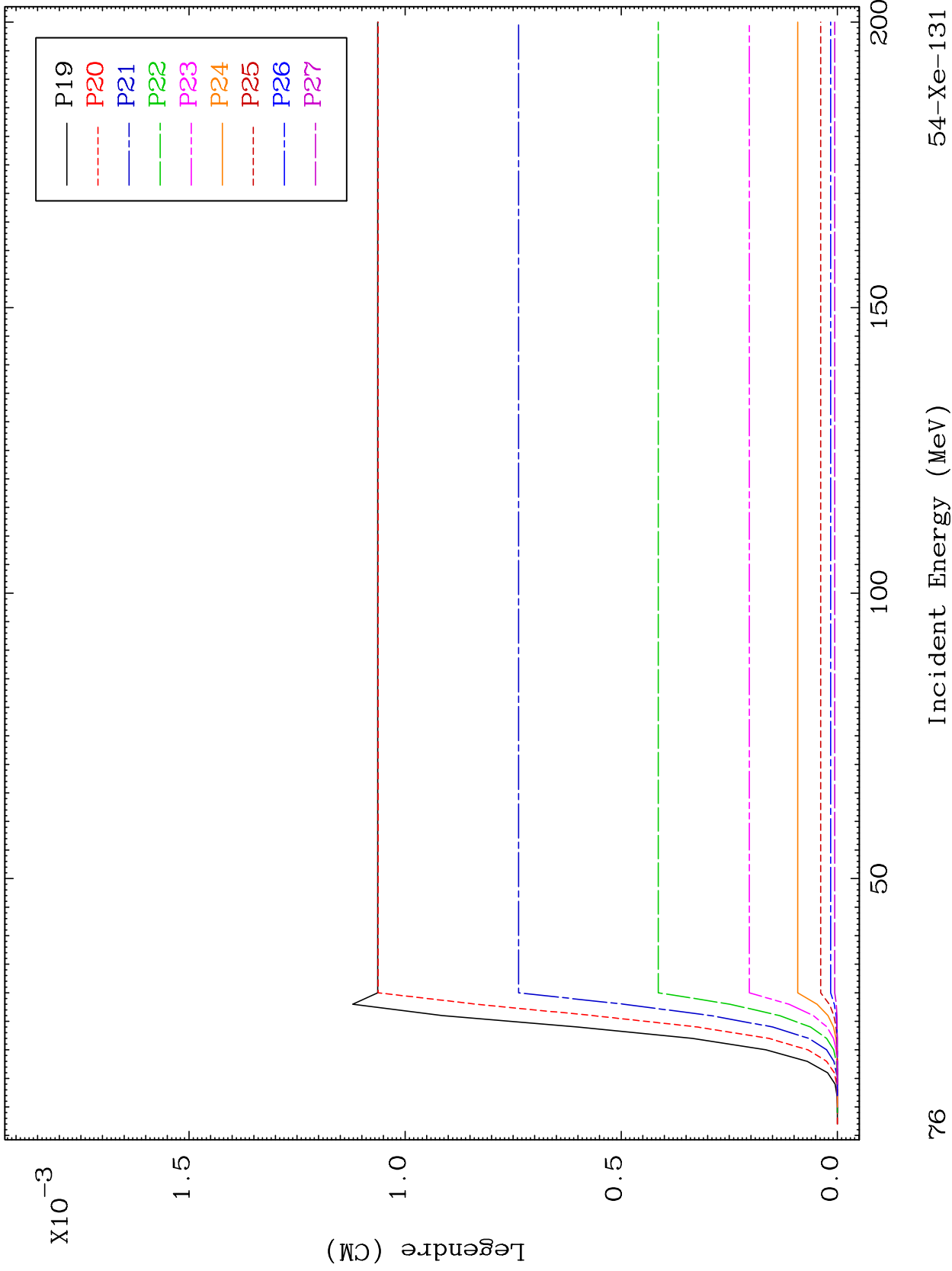
Incident Energy (MeV)

75

MAT 5446

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

54-Xe-131



76

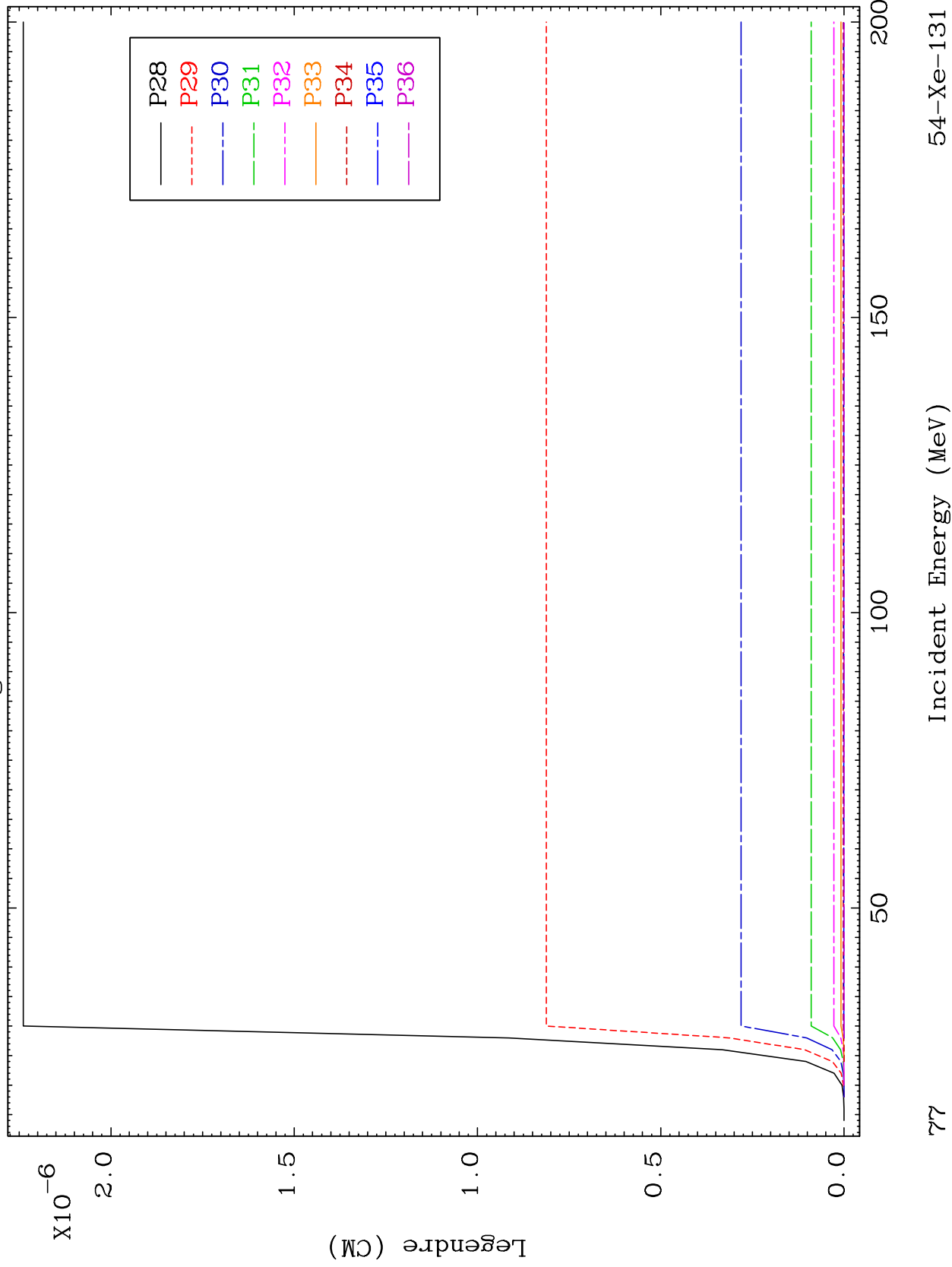
Incident Energy (MeV)

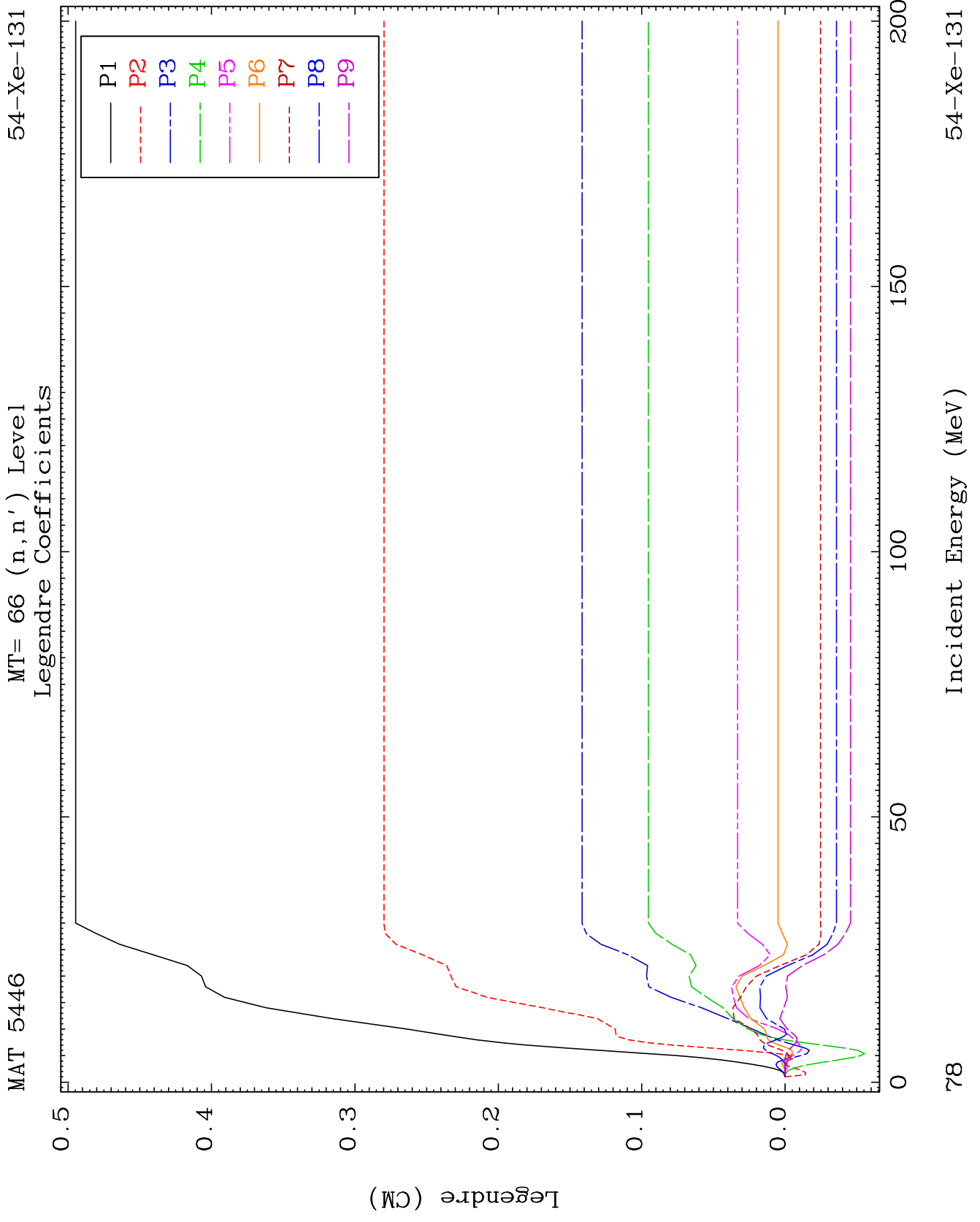
54-Xe-131

MAT 5446

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

54-Xe-131

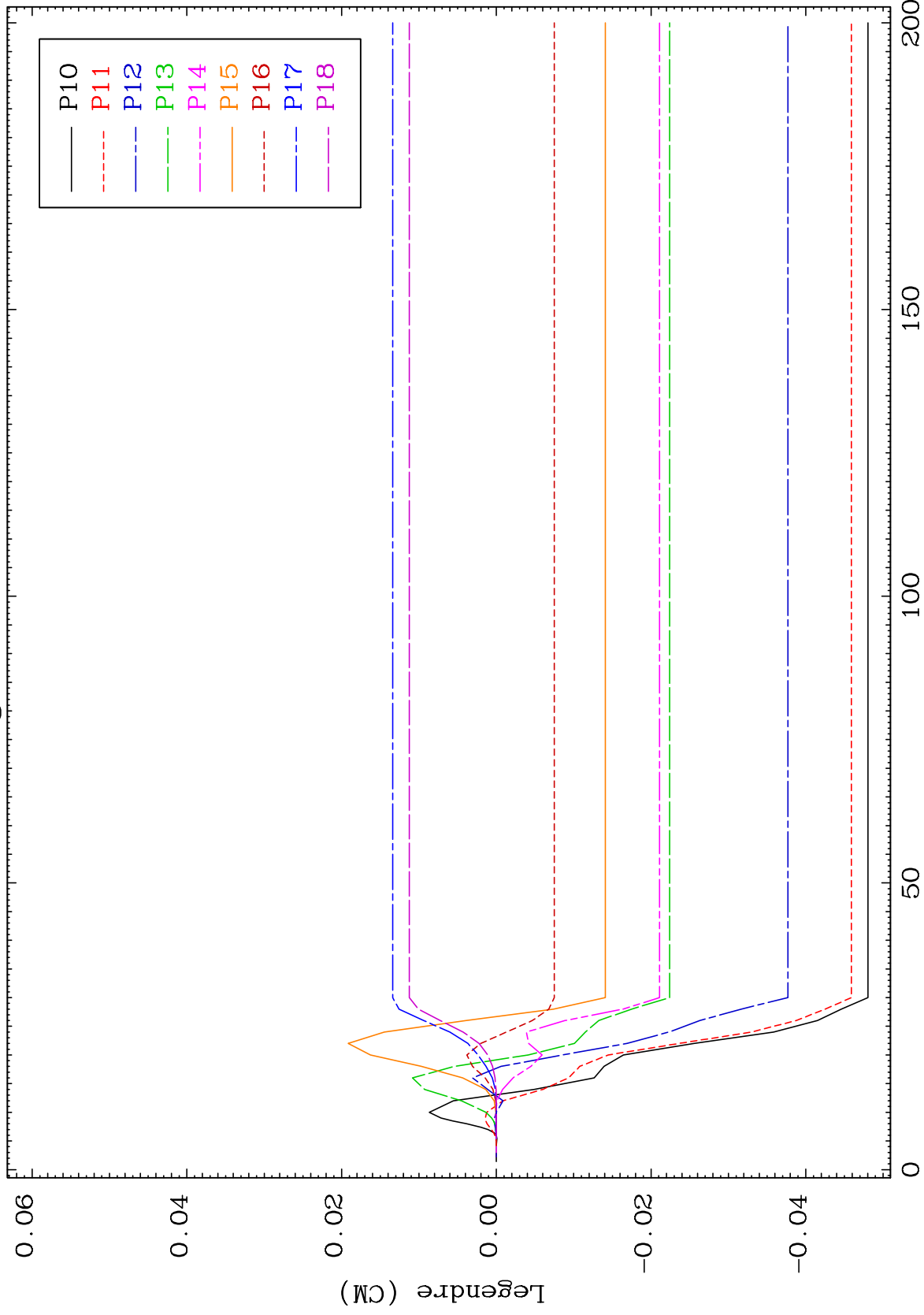




MAT 5446

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

54-Xe-131



79

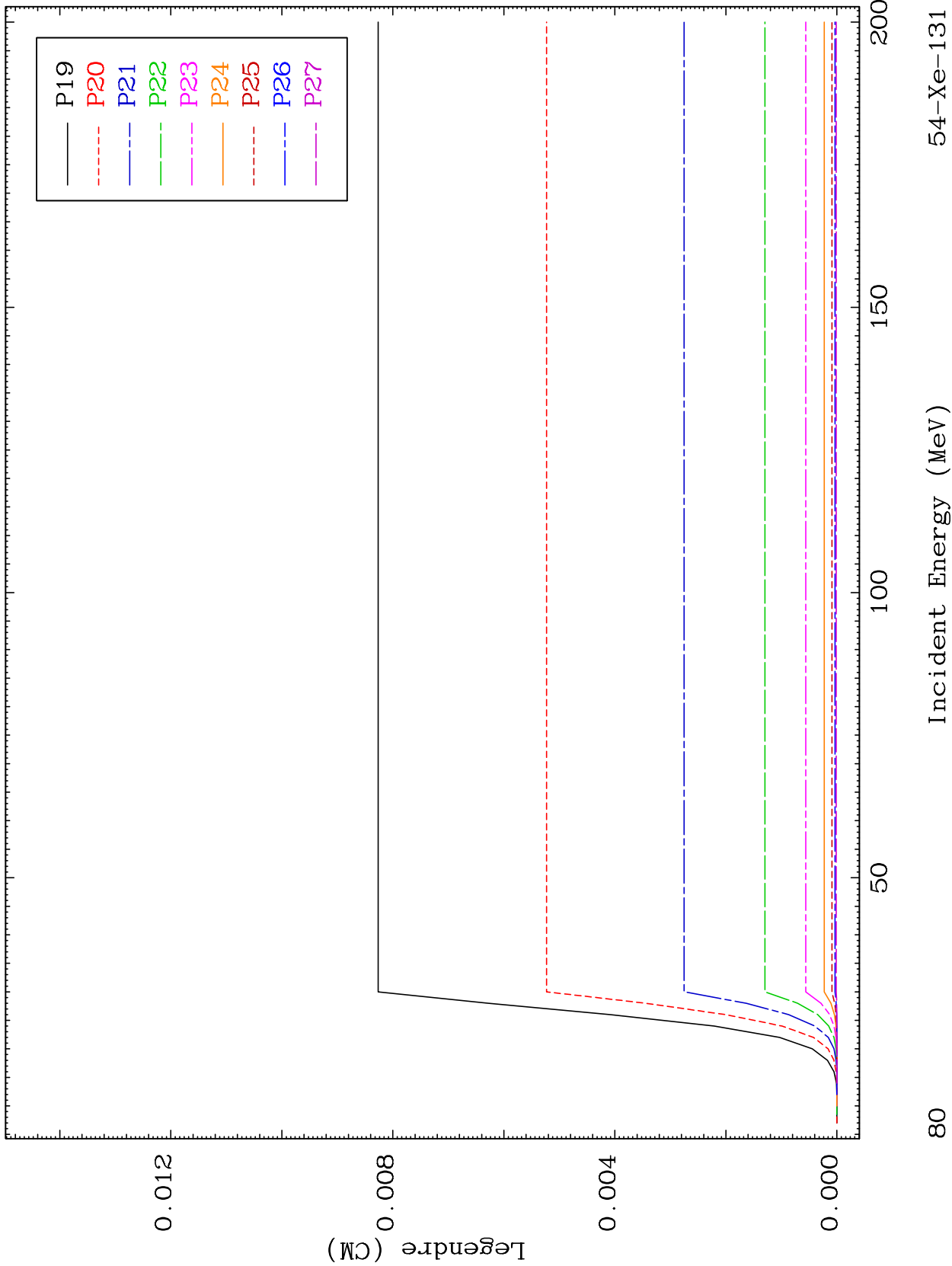
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131



54-Xe-131

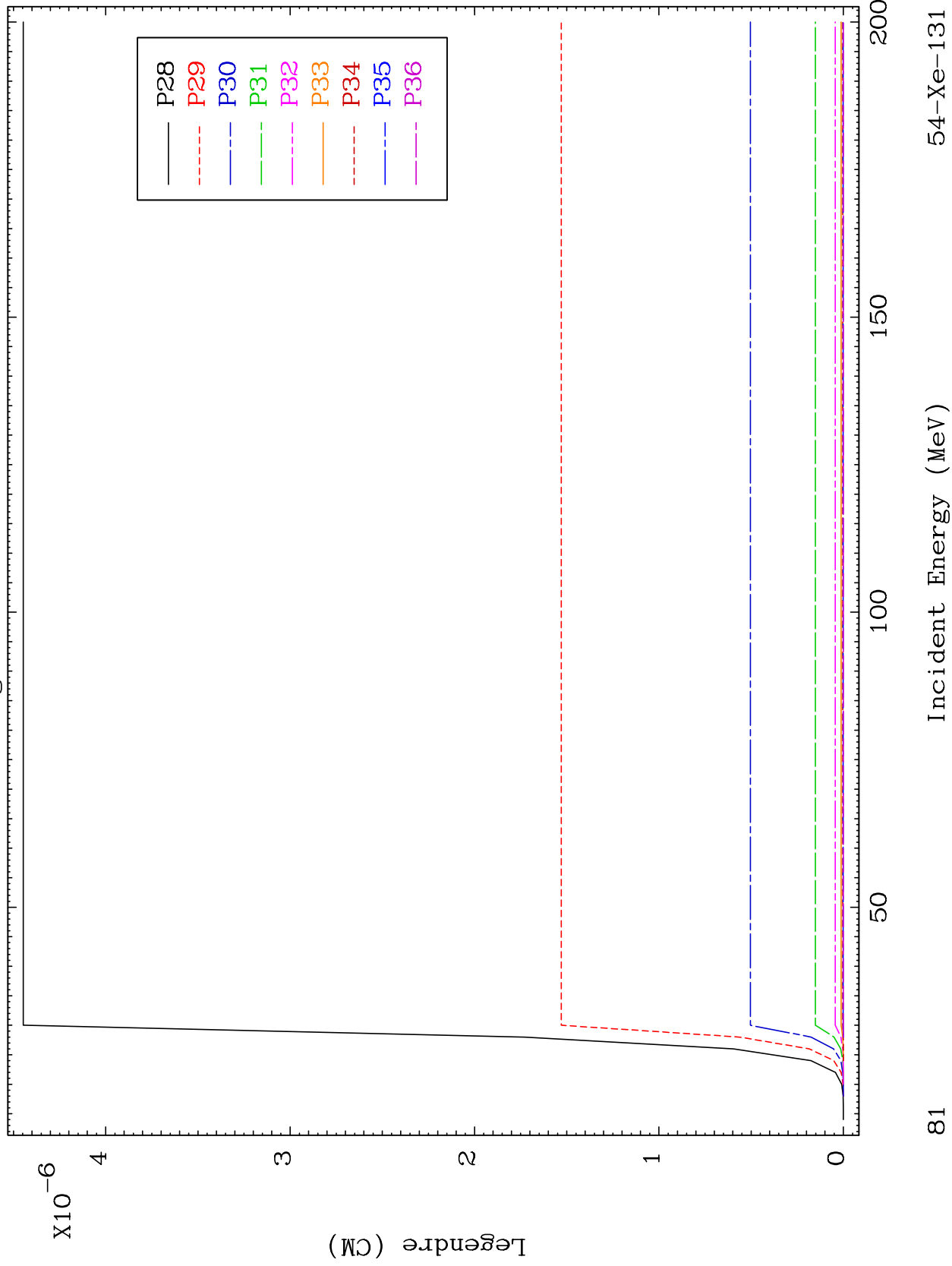
Incident Energy (MeV)

80

MAT 5446

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

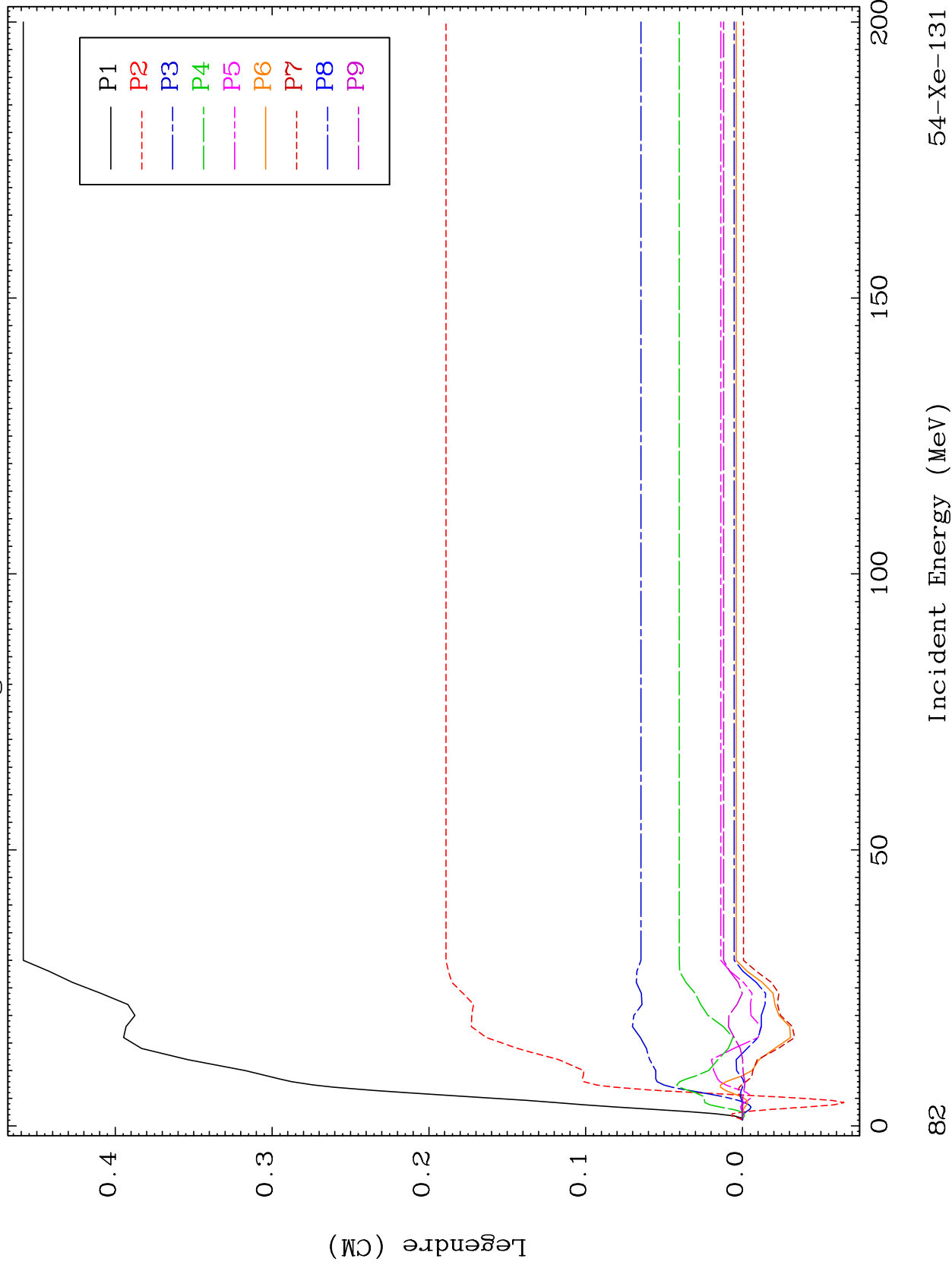
54-Xe-131



MAT 5446

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

54-Xe-131



54-Xe-131

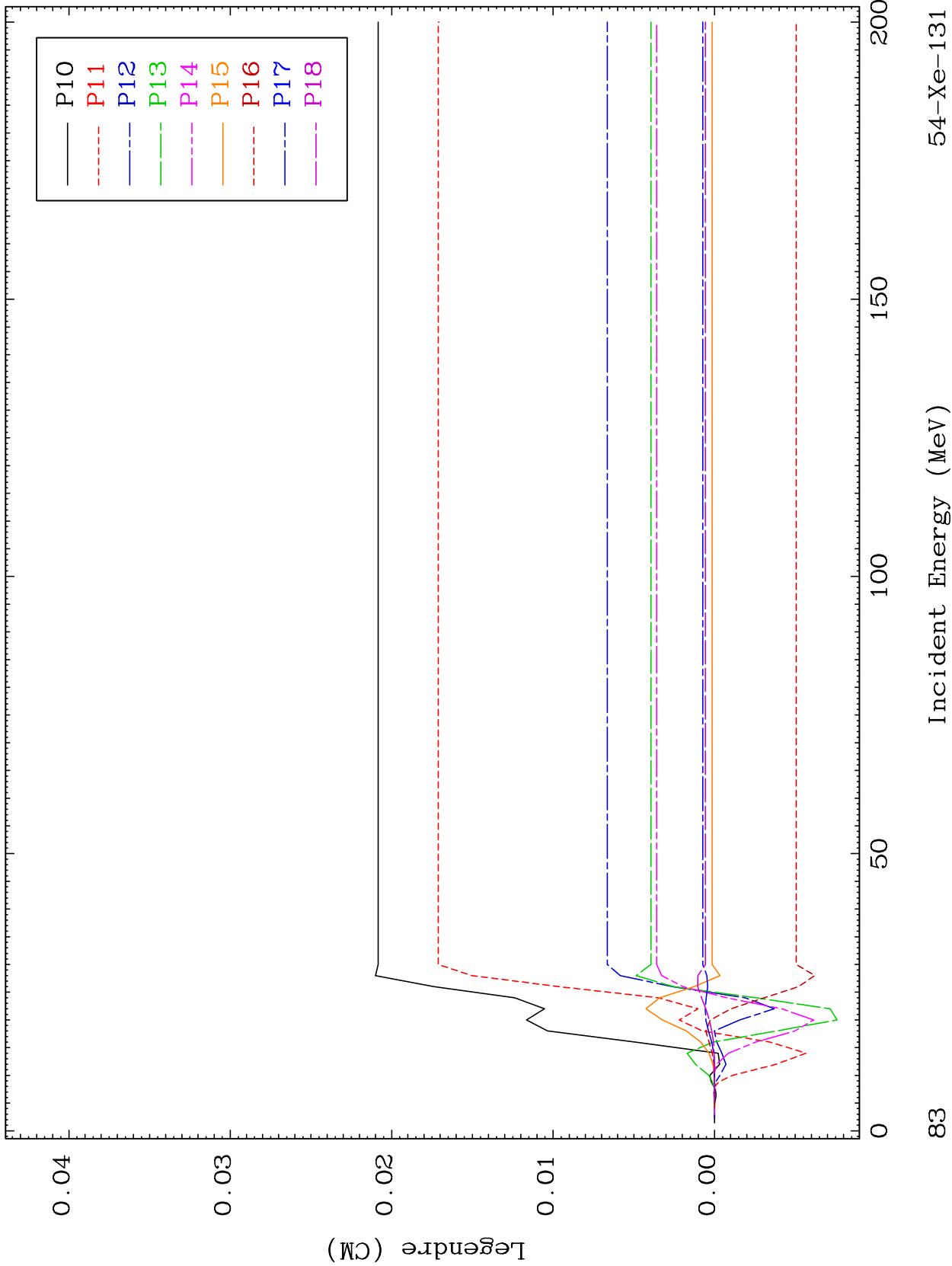
Incident Energy (MeV)

82

MAT 5446

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

54-Xe-131



83

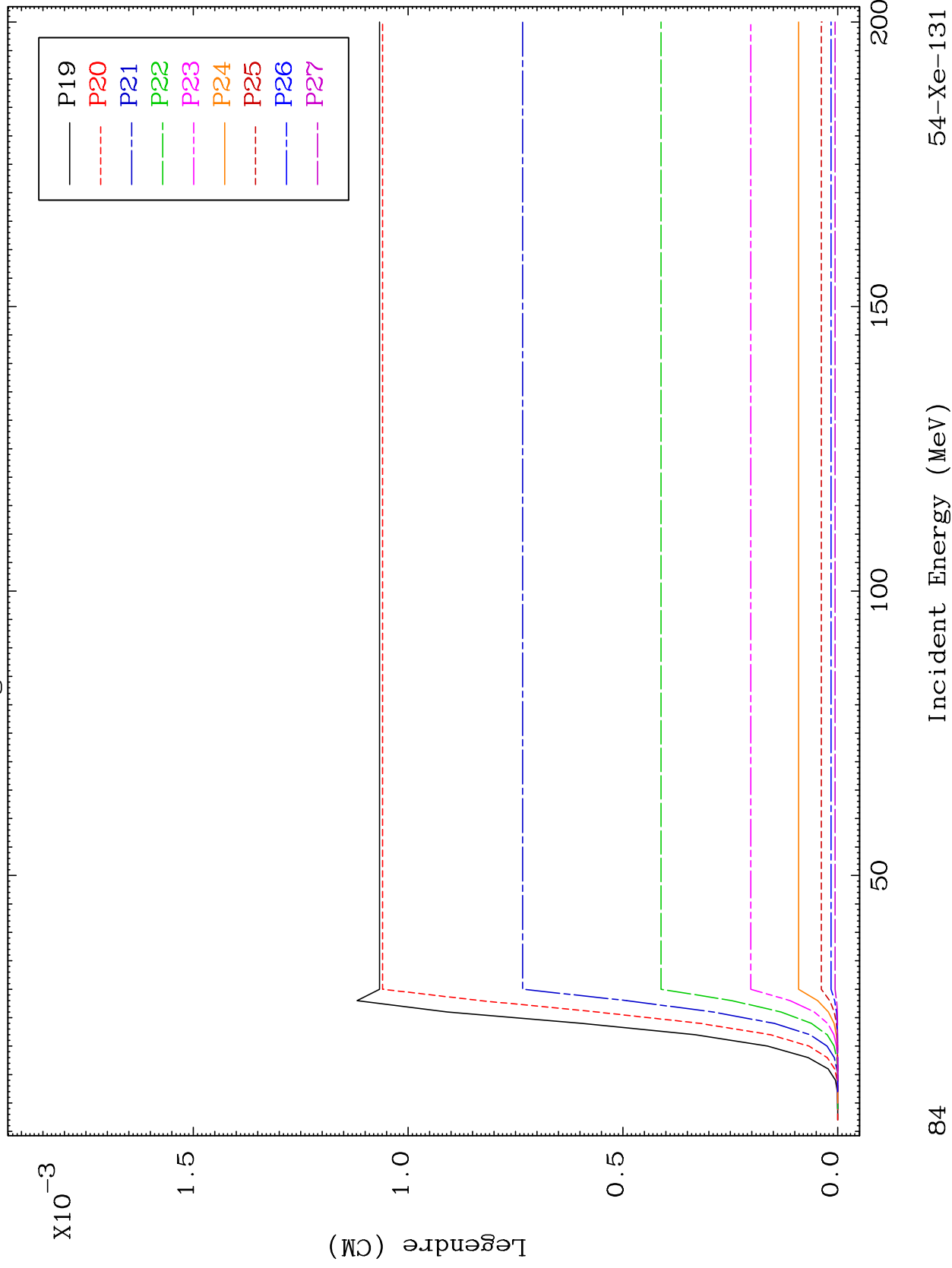
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131

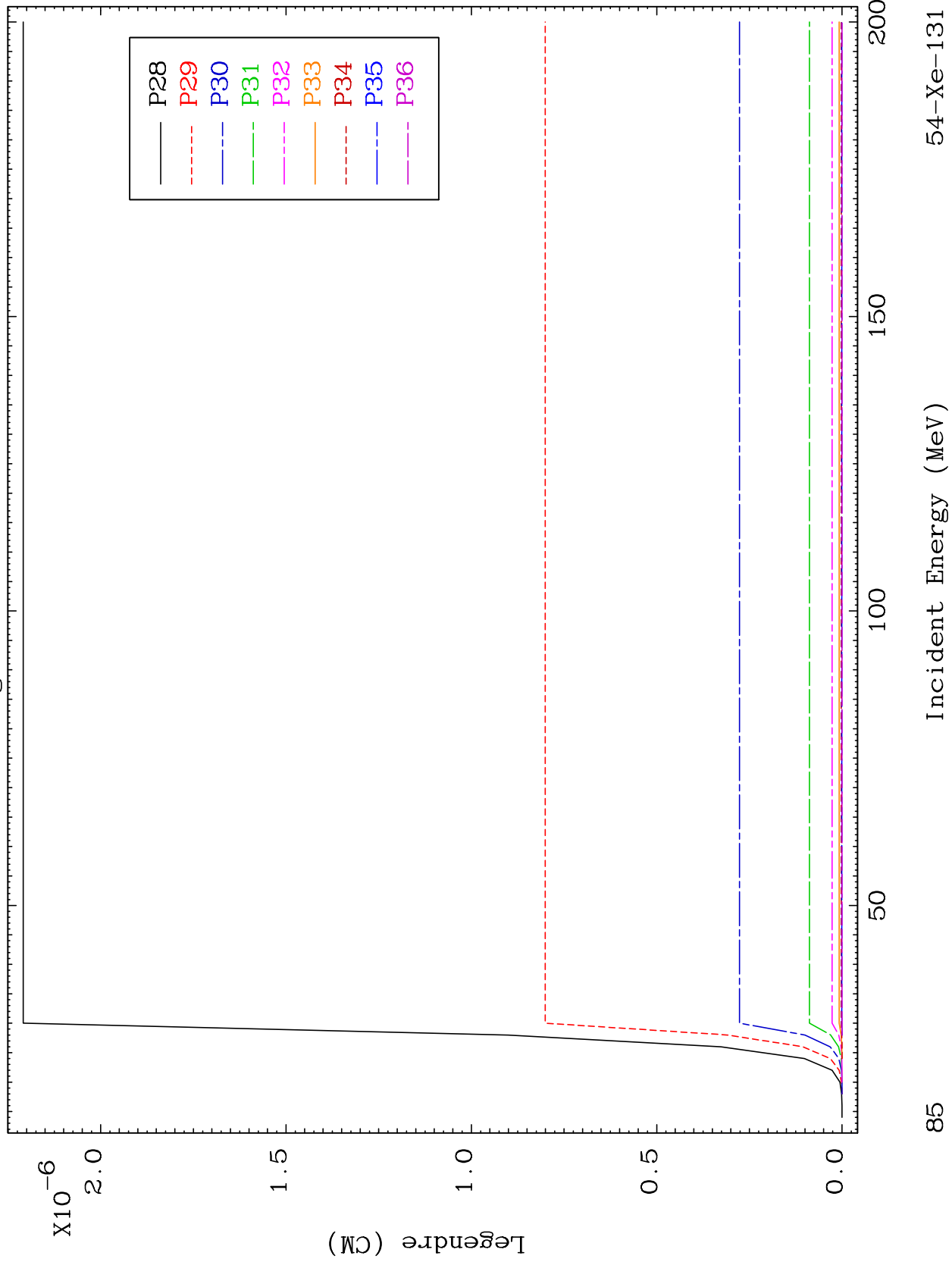


84

MAT 5446

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

54-Xe-131



85

Incident Energy (MeV)

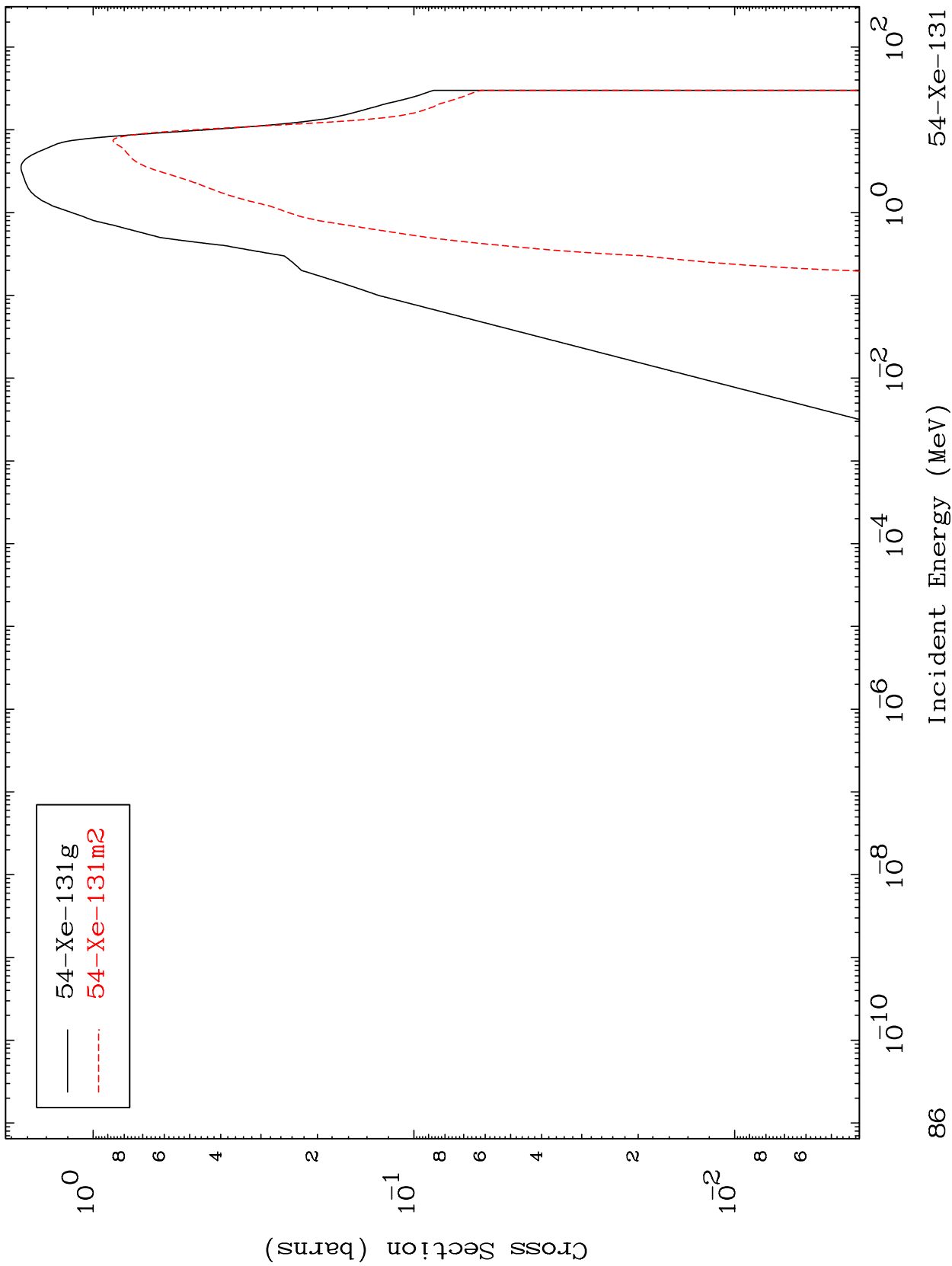
54-Xe-131

MAT 5446

Inelastic

54-Xe-131

Radionuclide Production Cross Section



54-Xe-131g
54-Xe-131m2

86

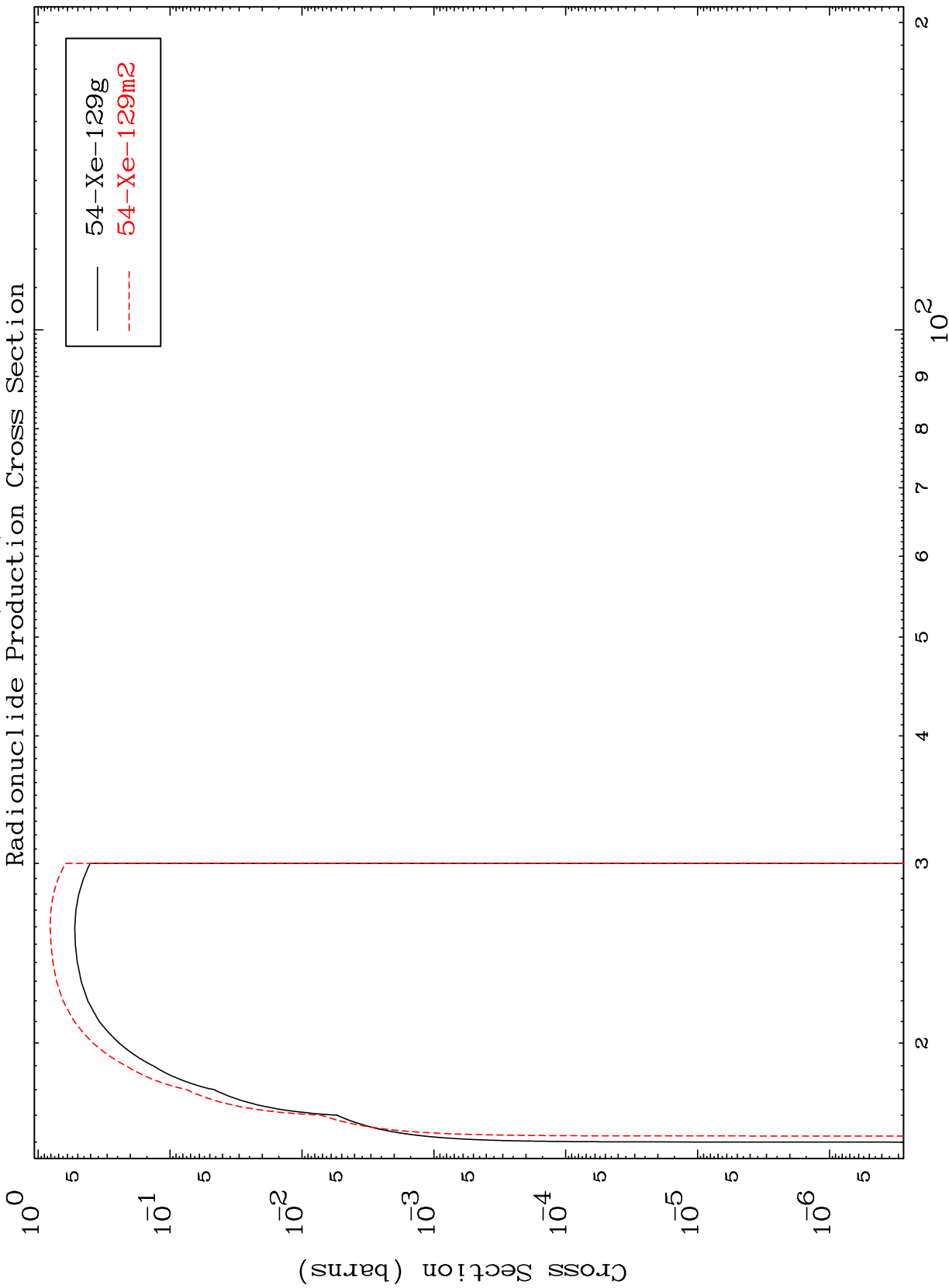
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

(n,3n)
Radionuclide Production Cross Section



87

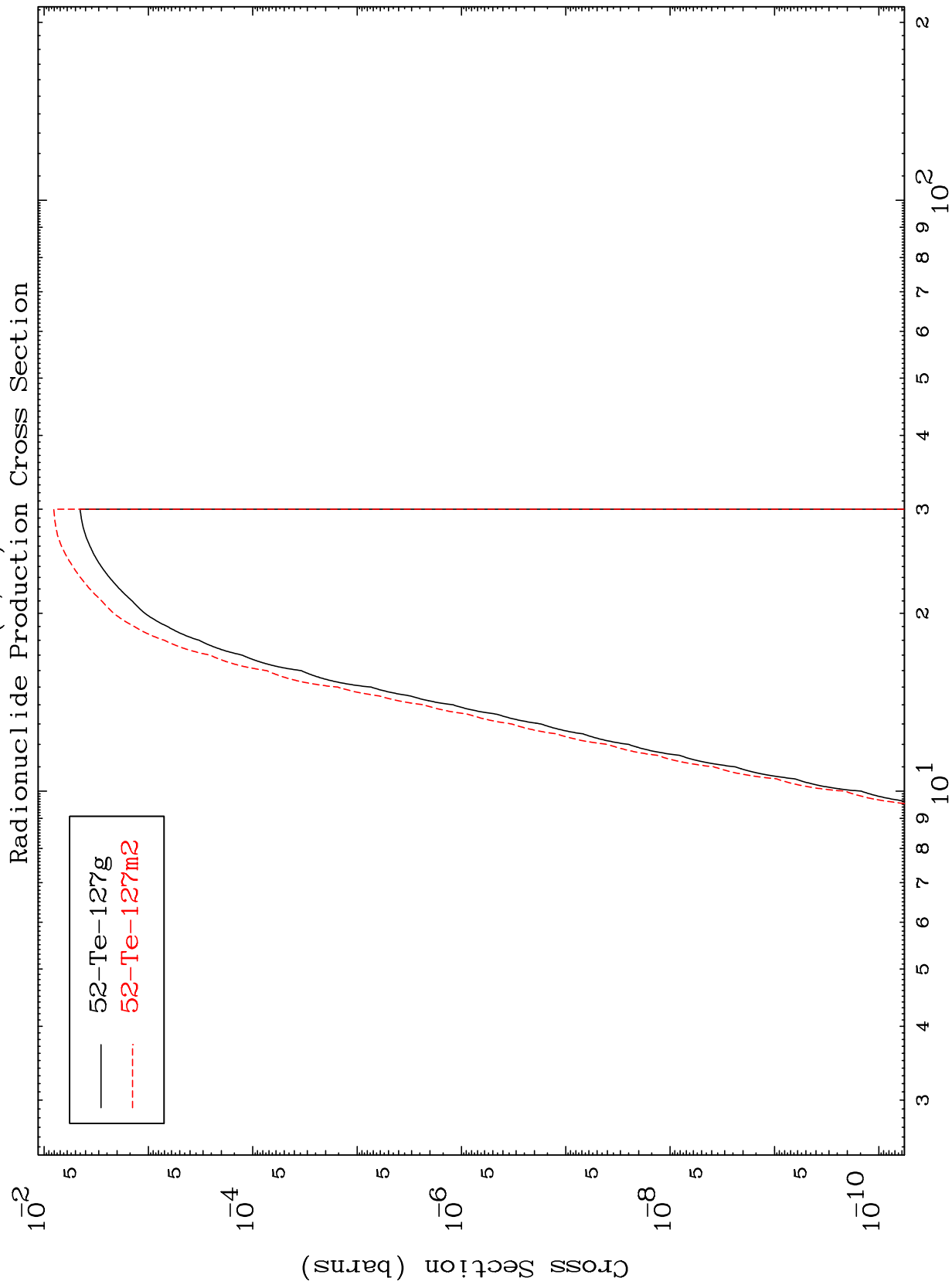
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

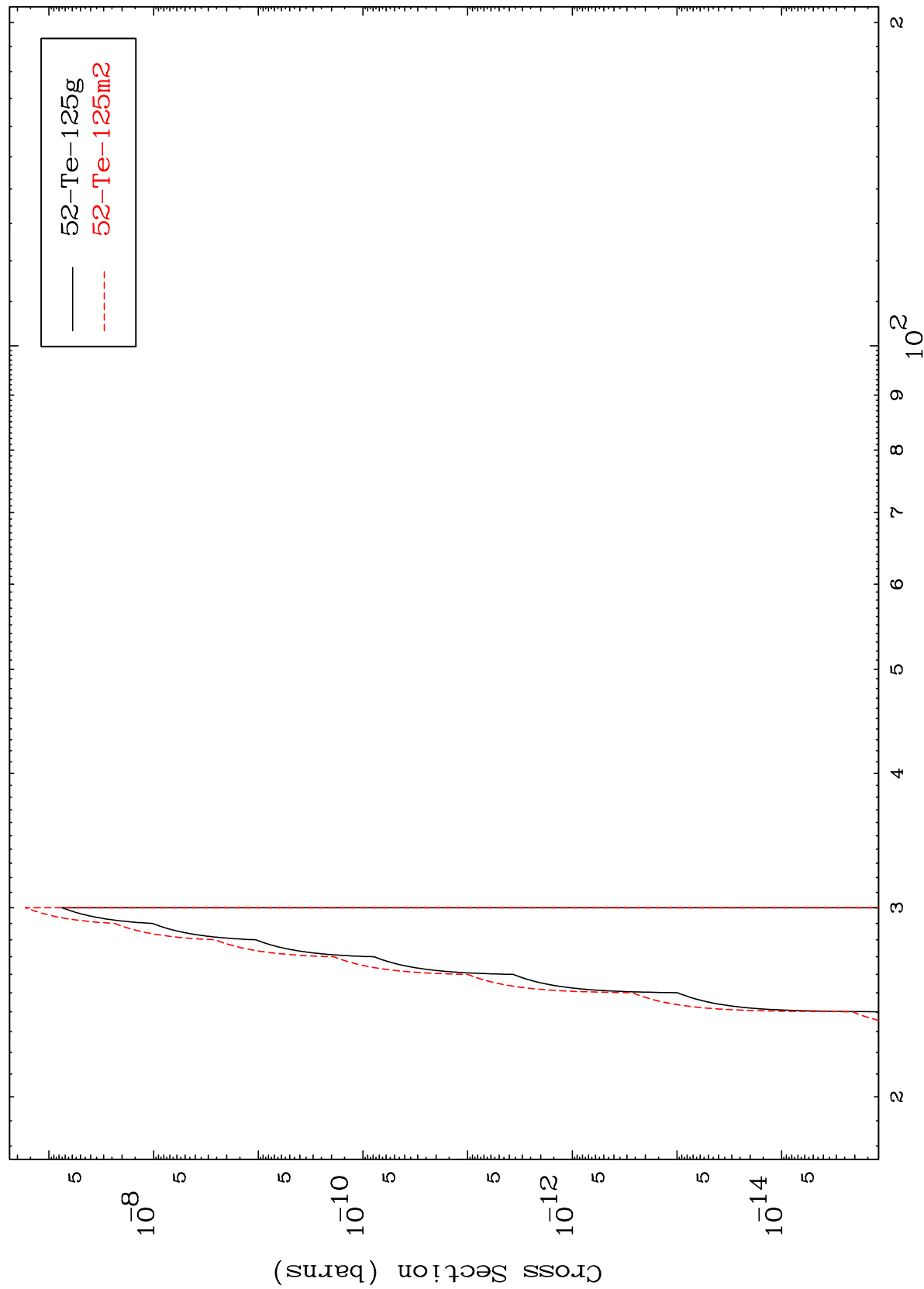
(n,n') α



88

54-Xe-131

Radionuclide Production Cross Section

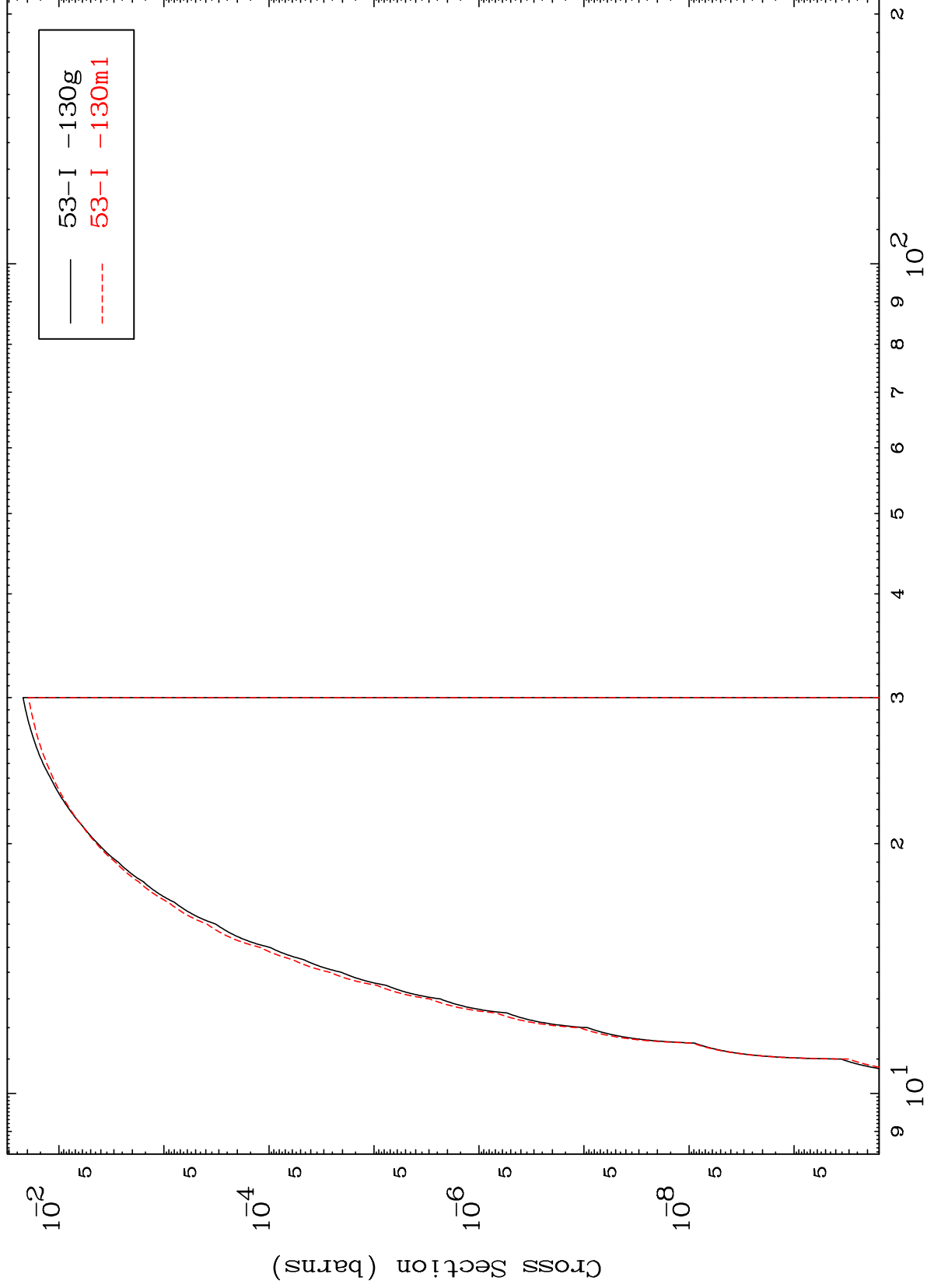


MAT 5446

(n,n') p

54-Xe-131

Radionuclide Production Cross Section

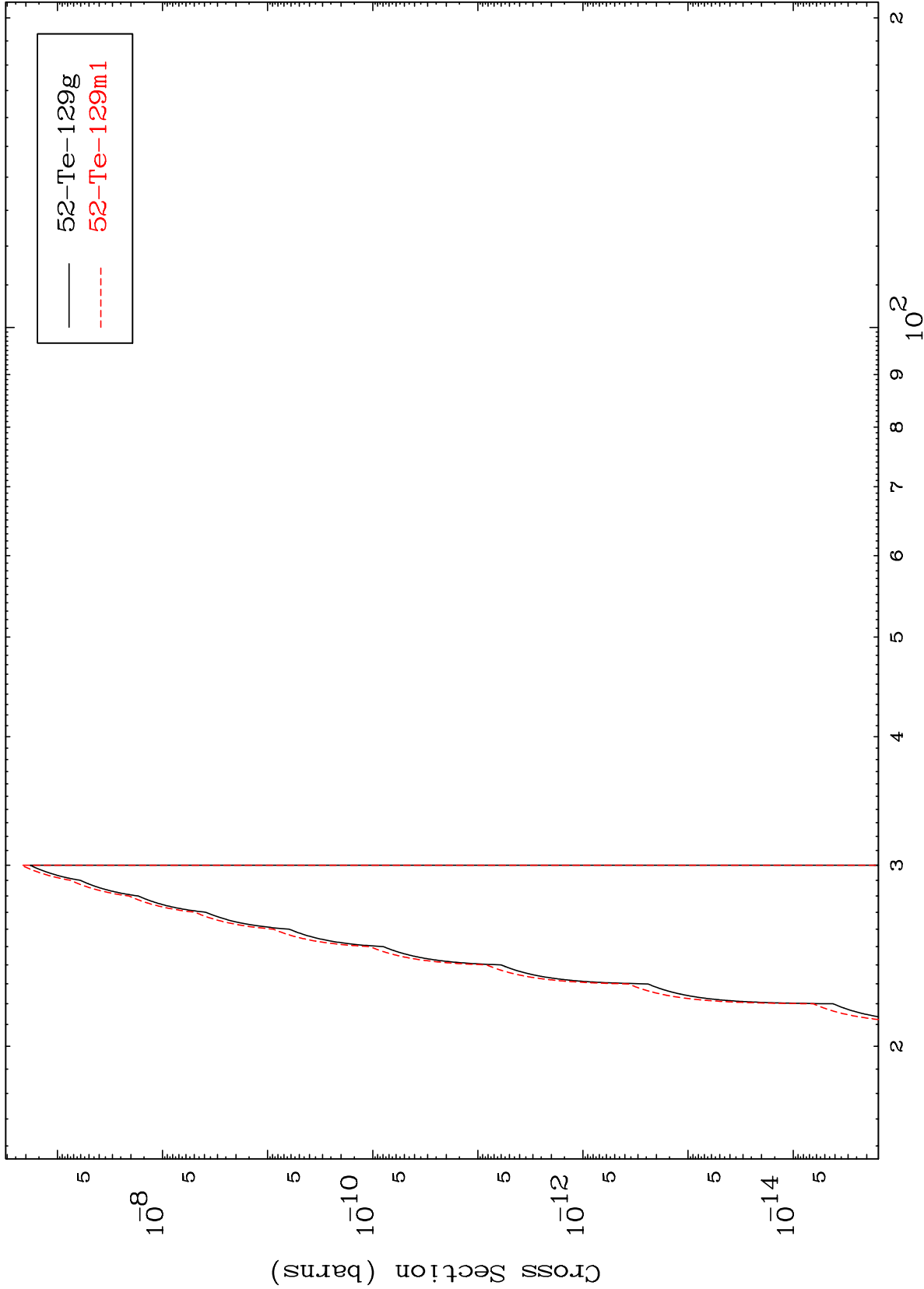


90

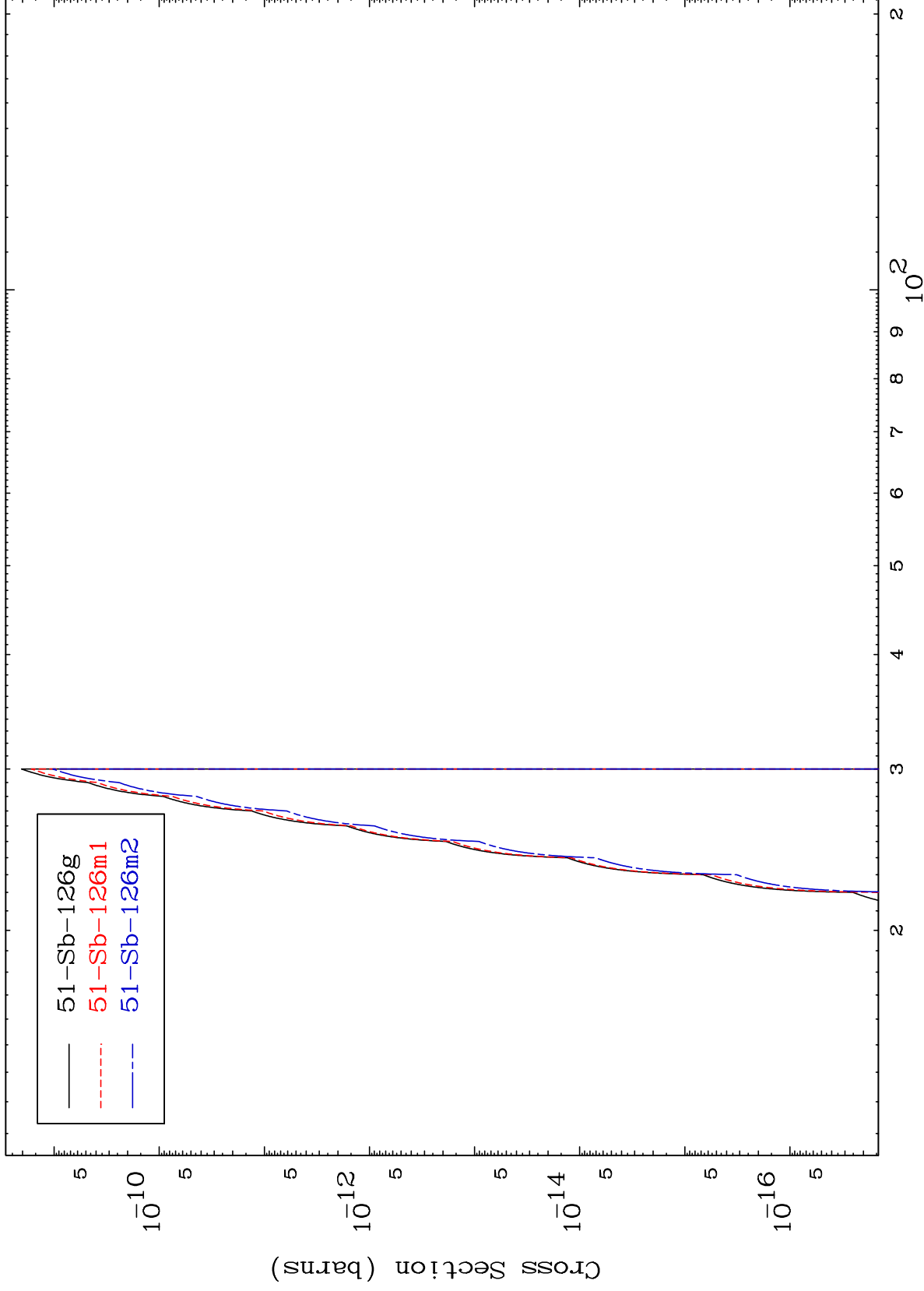
Incident Energy (MeV)

54-Xe-131

(n,2n) p
Radionuclide Production Cross Section



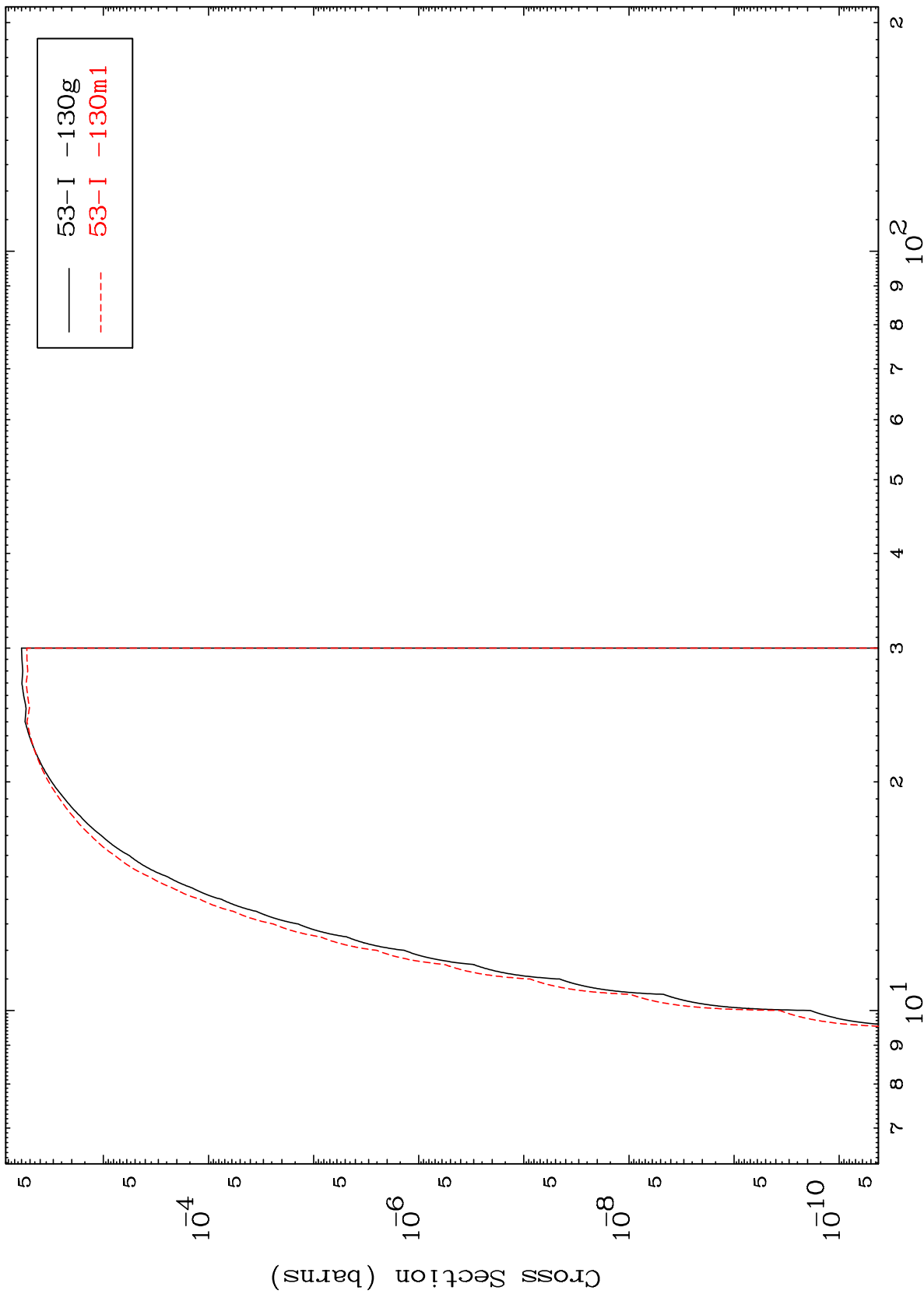
Radionuclide Production Cross Section



MAT 5446

54-Xe-131

(n,d)
Radionuclide Production Cross Section



93

Incident Energy (MeV)

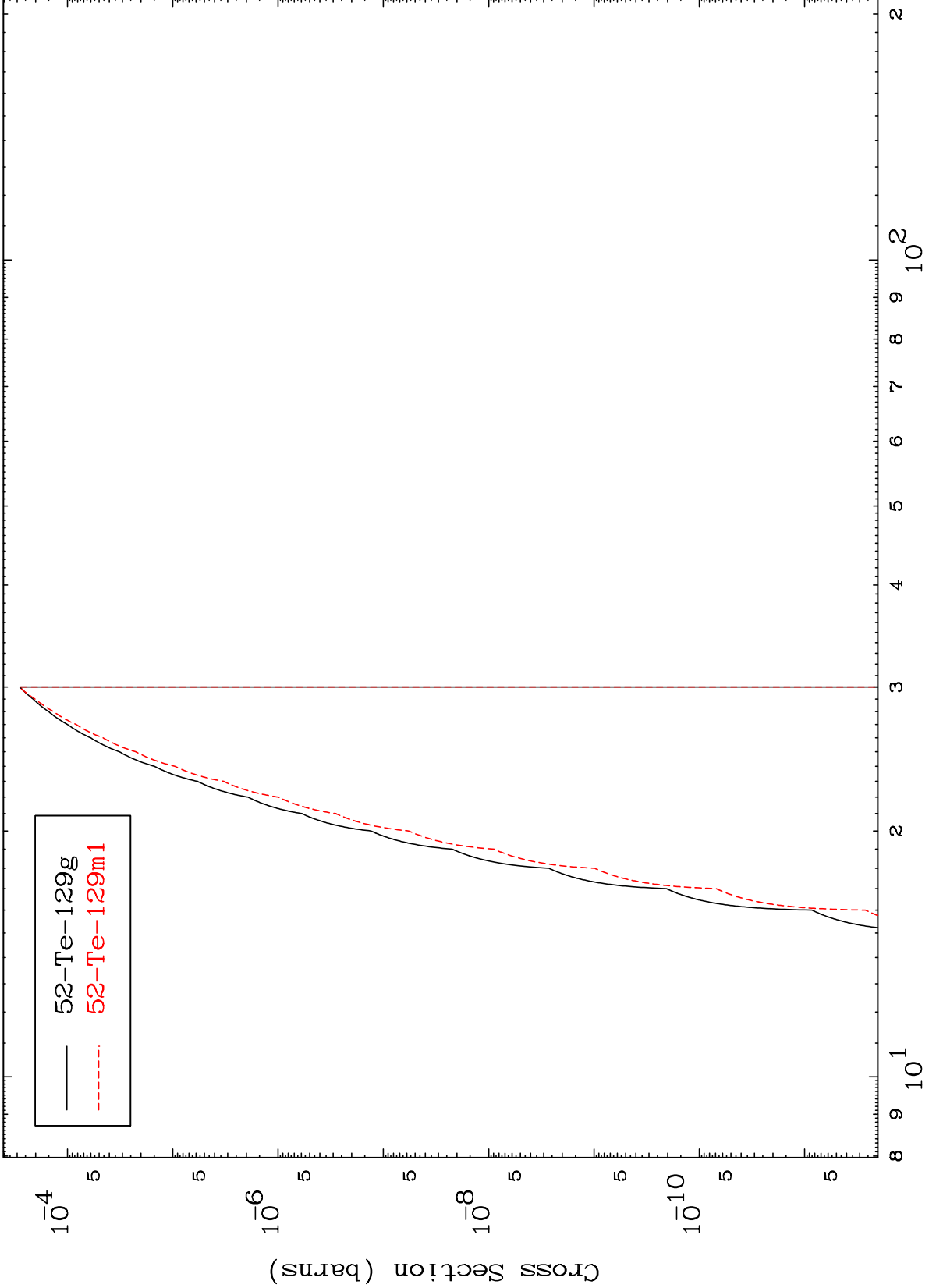
54-Xe-131

MAT 5446

(n,He-3)

54-Xe-131

Radionuclide Production Cross Section



52-Te-129g
52-Te-129m1

94

Incident Energy (MeV)

54-Xe-131

Radionuclide Production Cross Section

