

Program EVALPLOT
(Version 2018-1)

by

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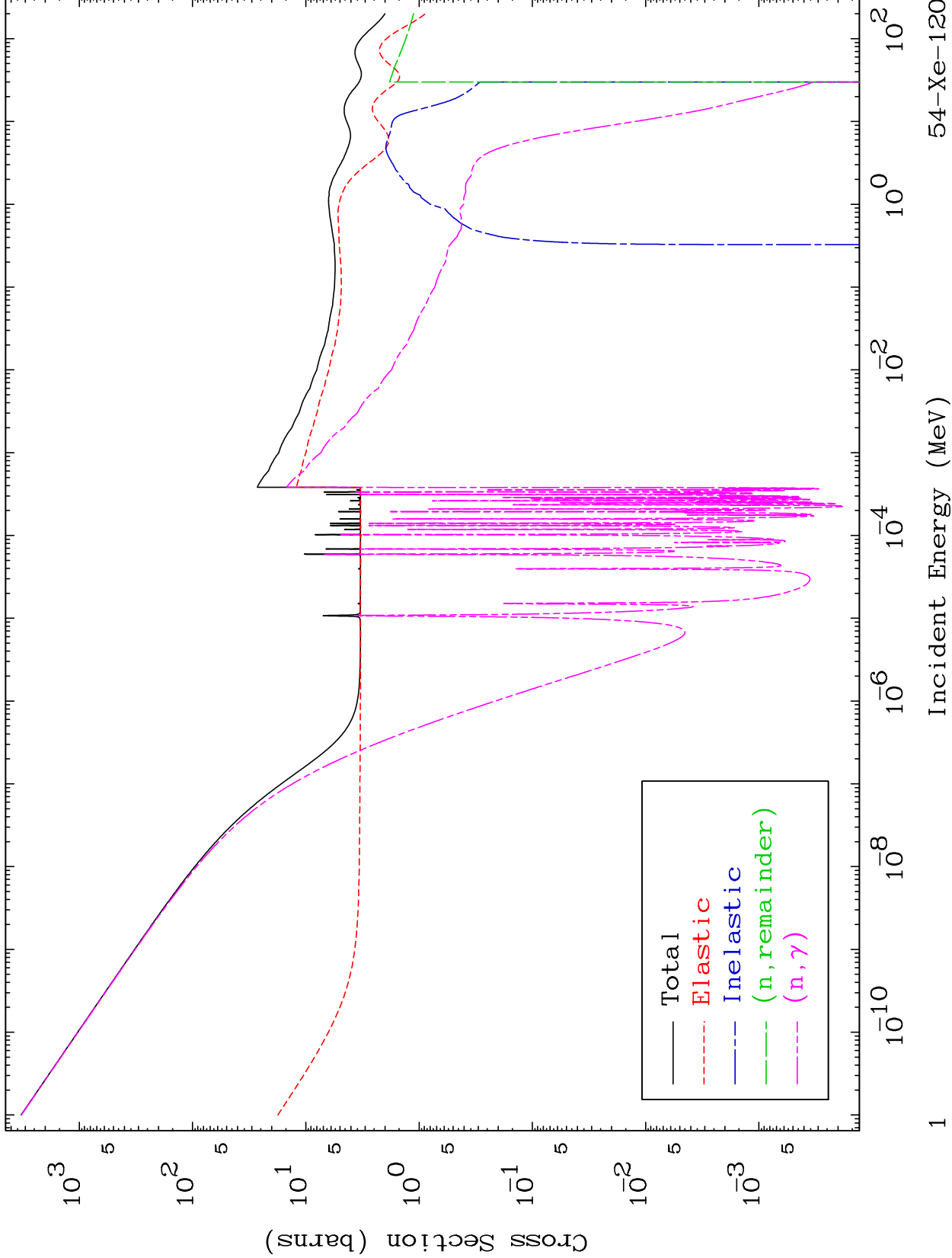
Press Mouse Button to Start

MAT 5413

Major

293 Kelvin Cross Sections

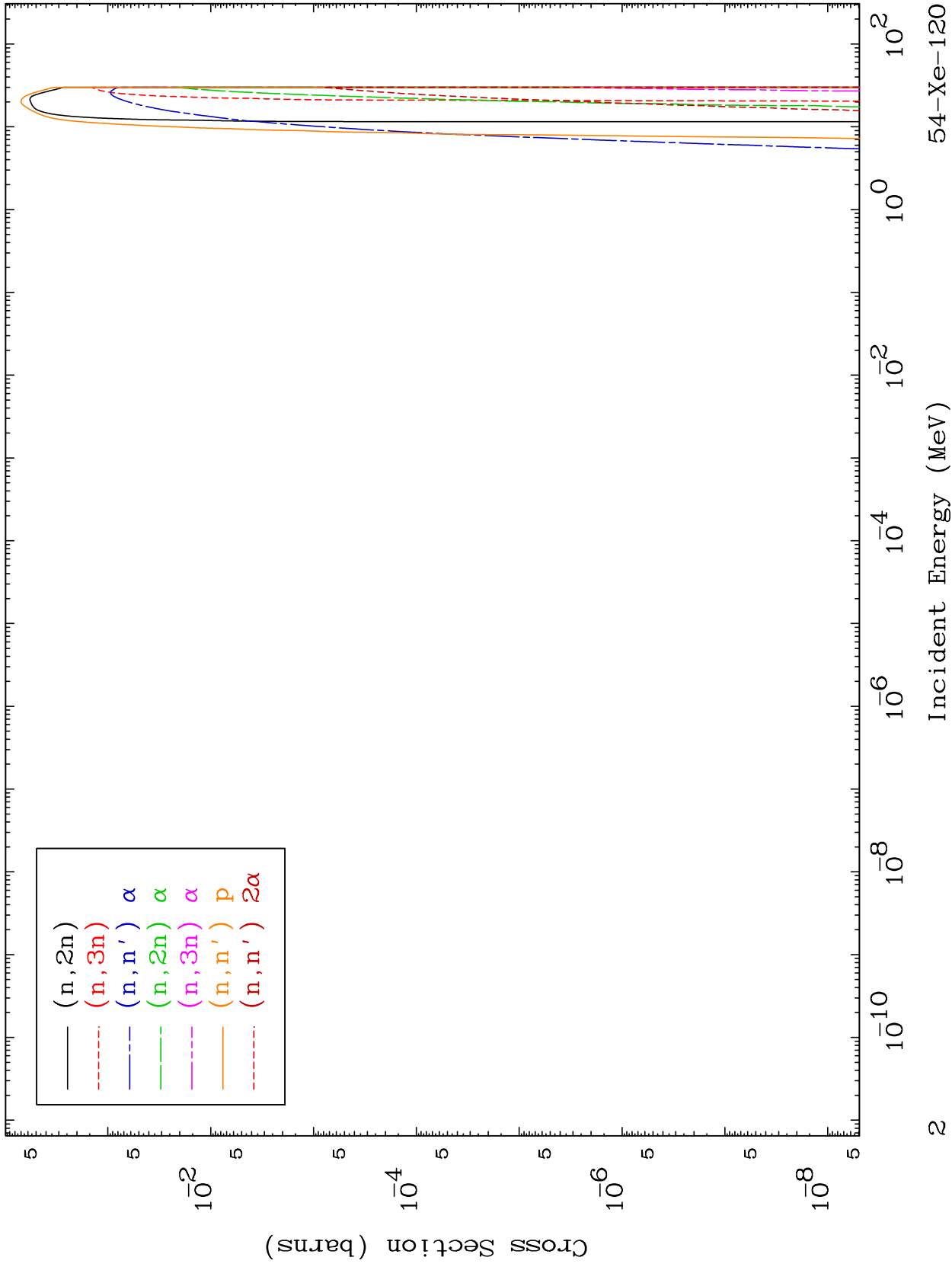
54-Xe-120



MAT 5413

Neutron Production
293 Kelvin Cross Sections

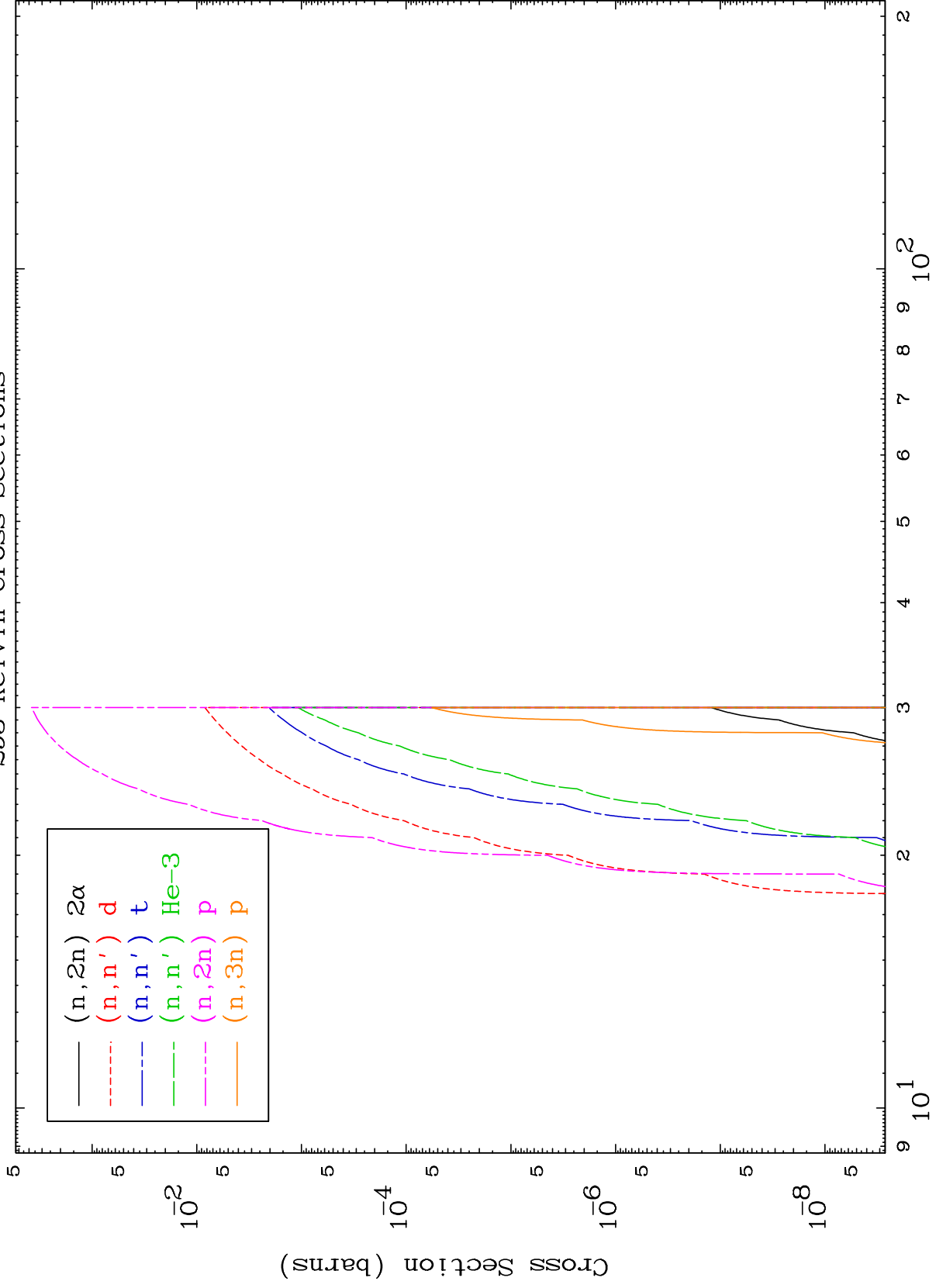
54-Xe-120



MAT 5413

Neutron Production
293 Kelvin Cross Sections

54-Xe-120



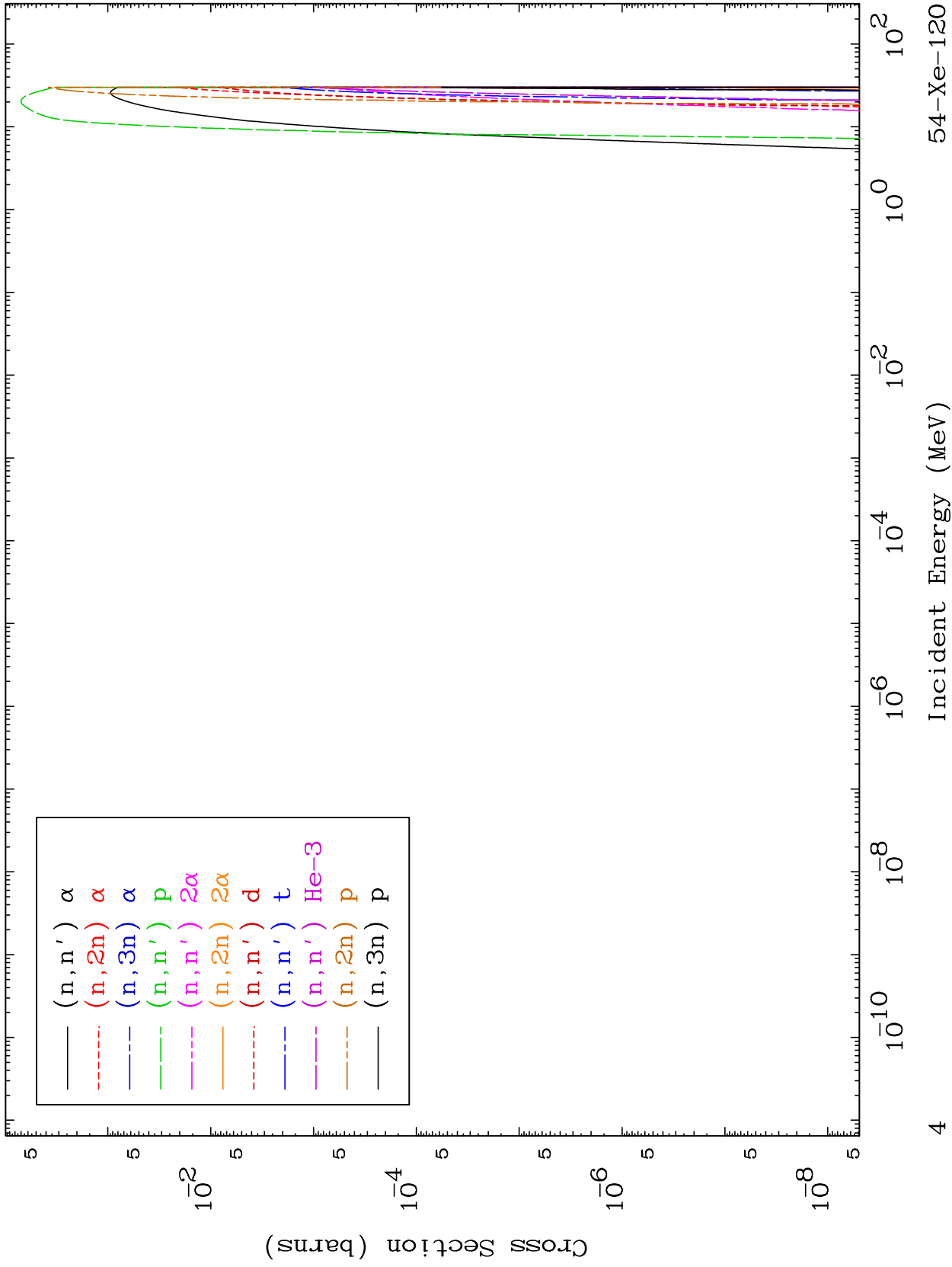
Incident Energy (MeV)

54-Xe-120

MAT 5413

Charged Particle
293 Kelvin Cross Sections

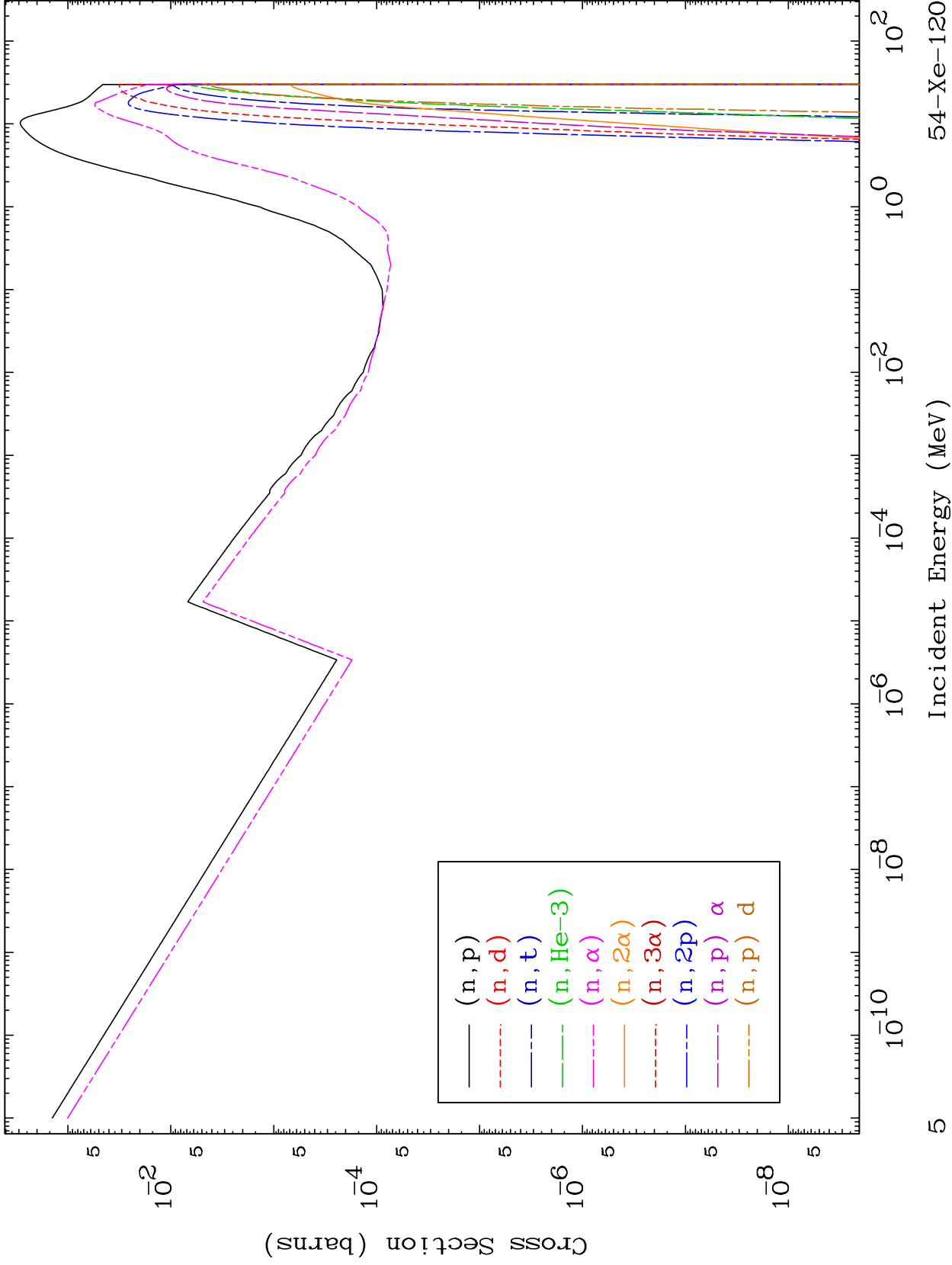
54-Xe-120



MAT 5413

Charged Particle
293 Kelvin Cross Sections

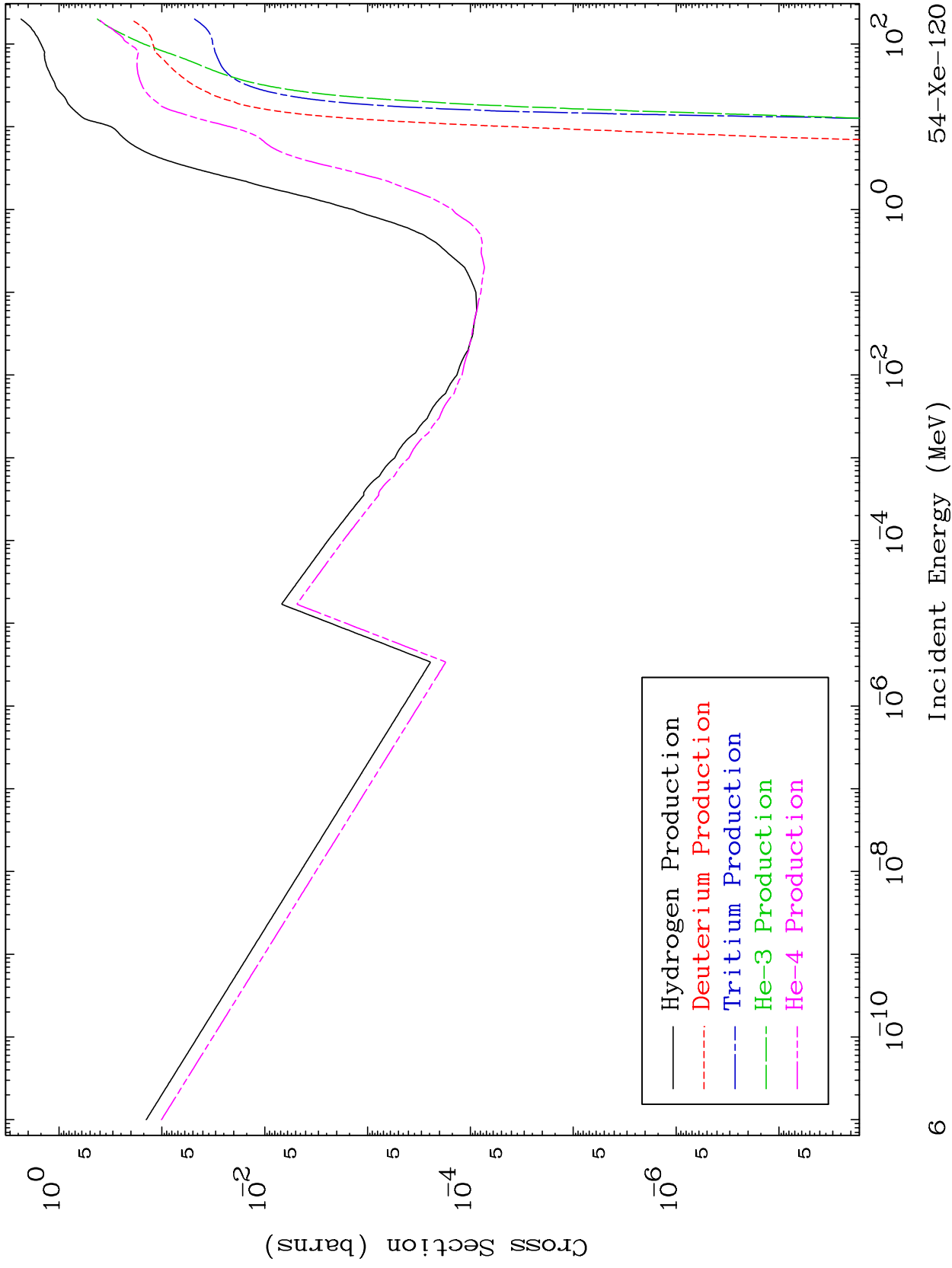
54-Xe-120



MAT 5413

Particle Production
293 Kelvin Cross Sections

54-Xe-120

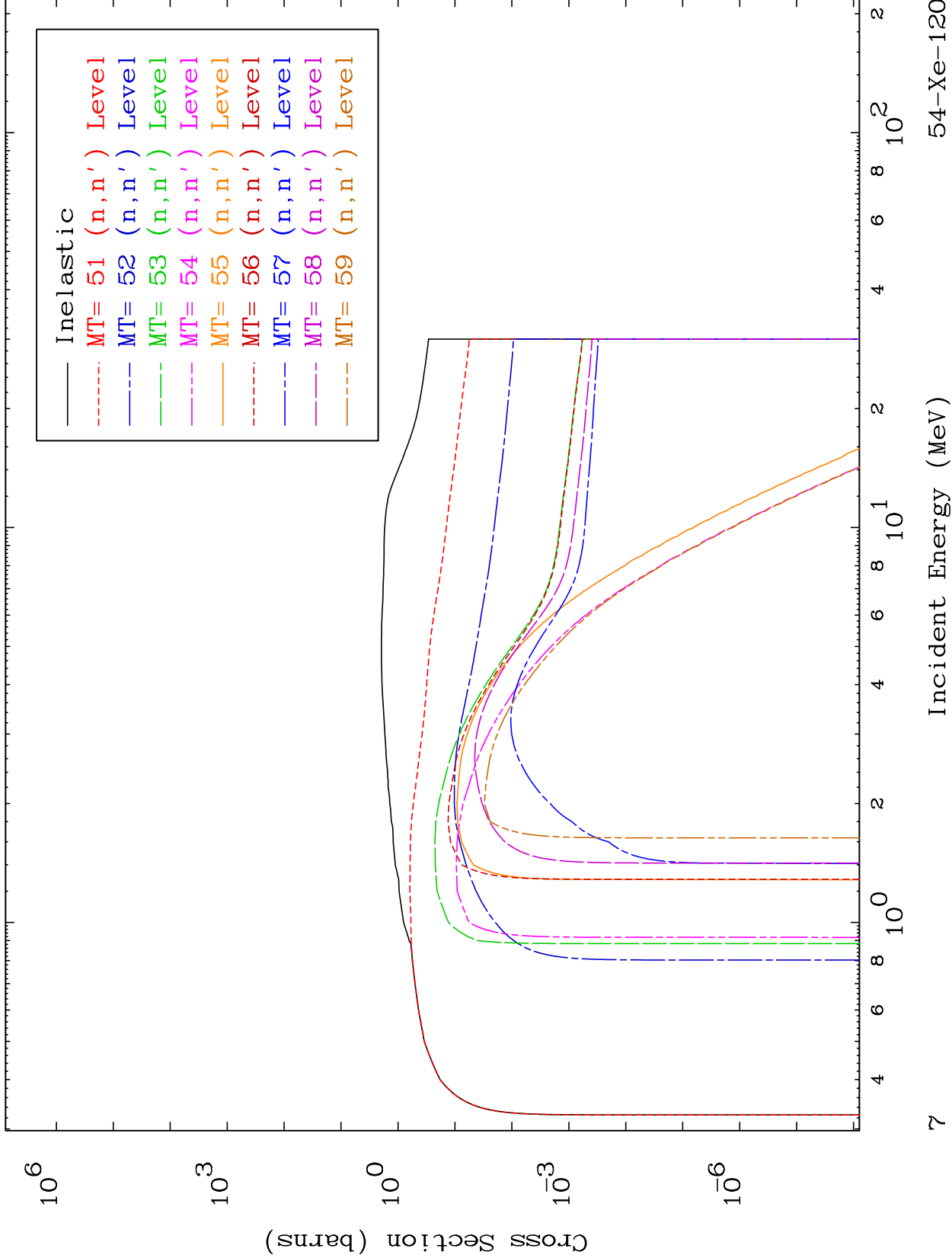


MAT 5413

(n,n') Level

54-Xe-120

293 Kelvin Cross Sections

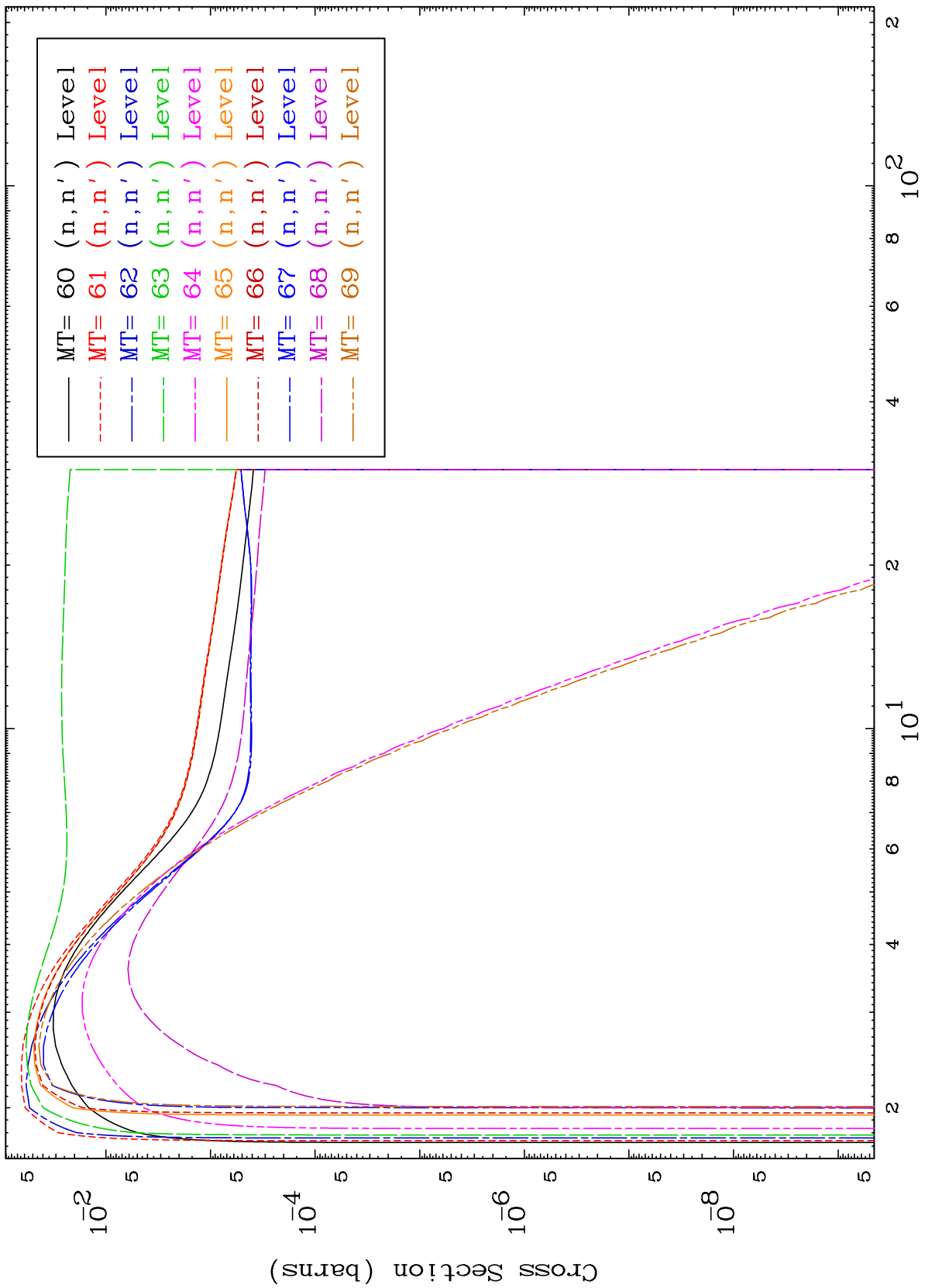


MAT 5413

(n,n') Level

54-Xe-120

293 Kelvin Cross Sections



8

Incident Energy (MeV)

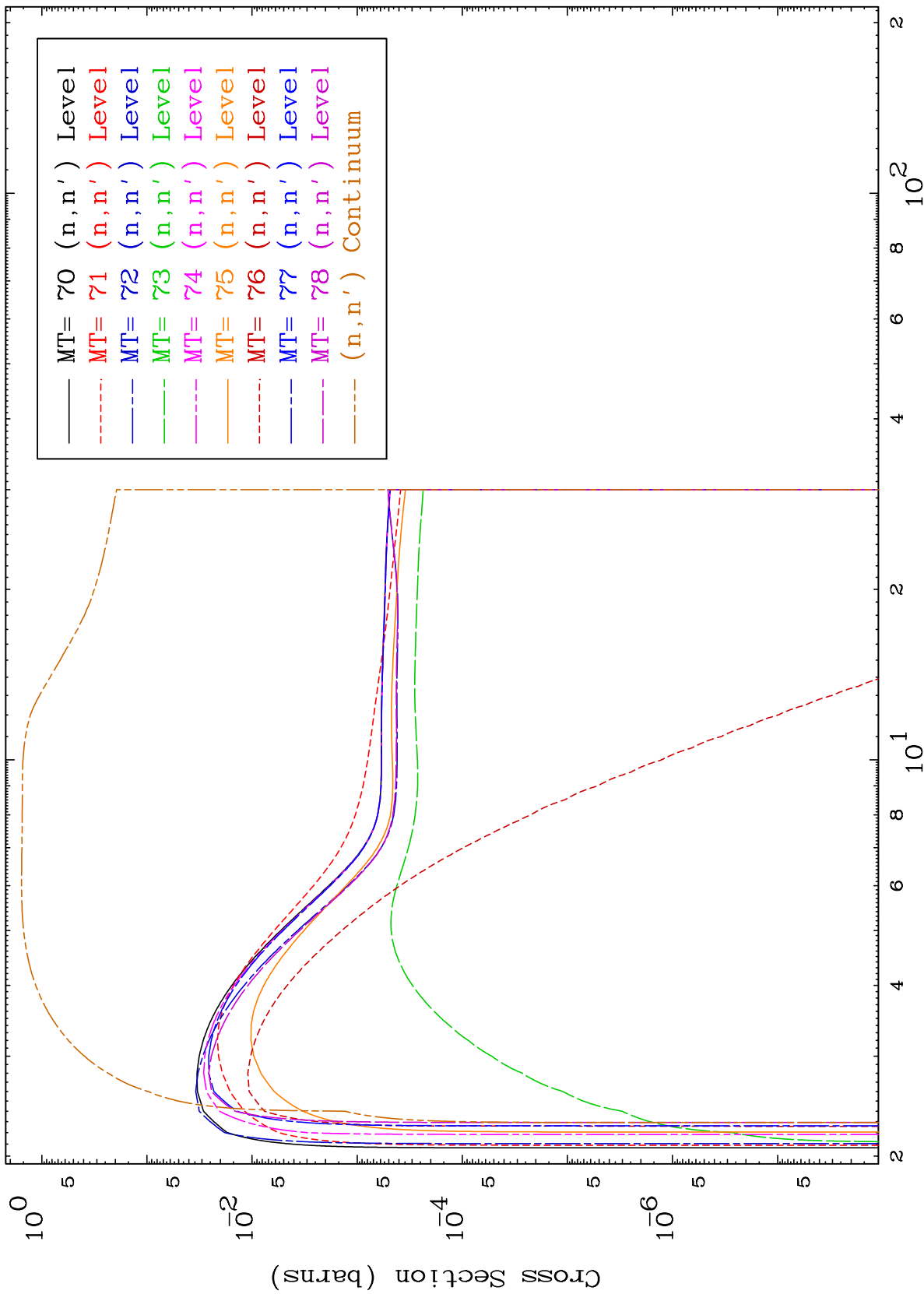
54-Xe-120

MAT 5413

(n,n') Level

54-Xe-120

293 Kelvin Cross Sections



9

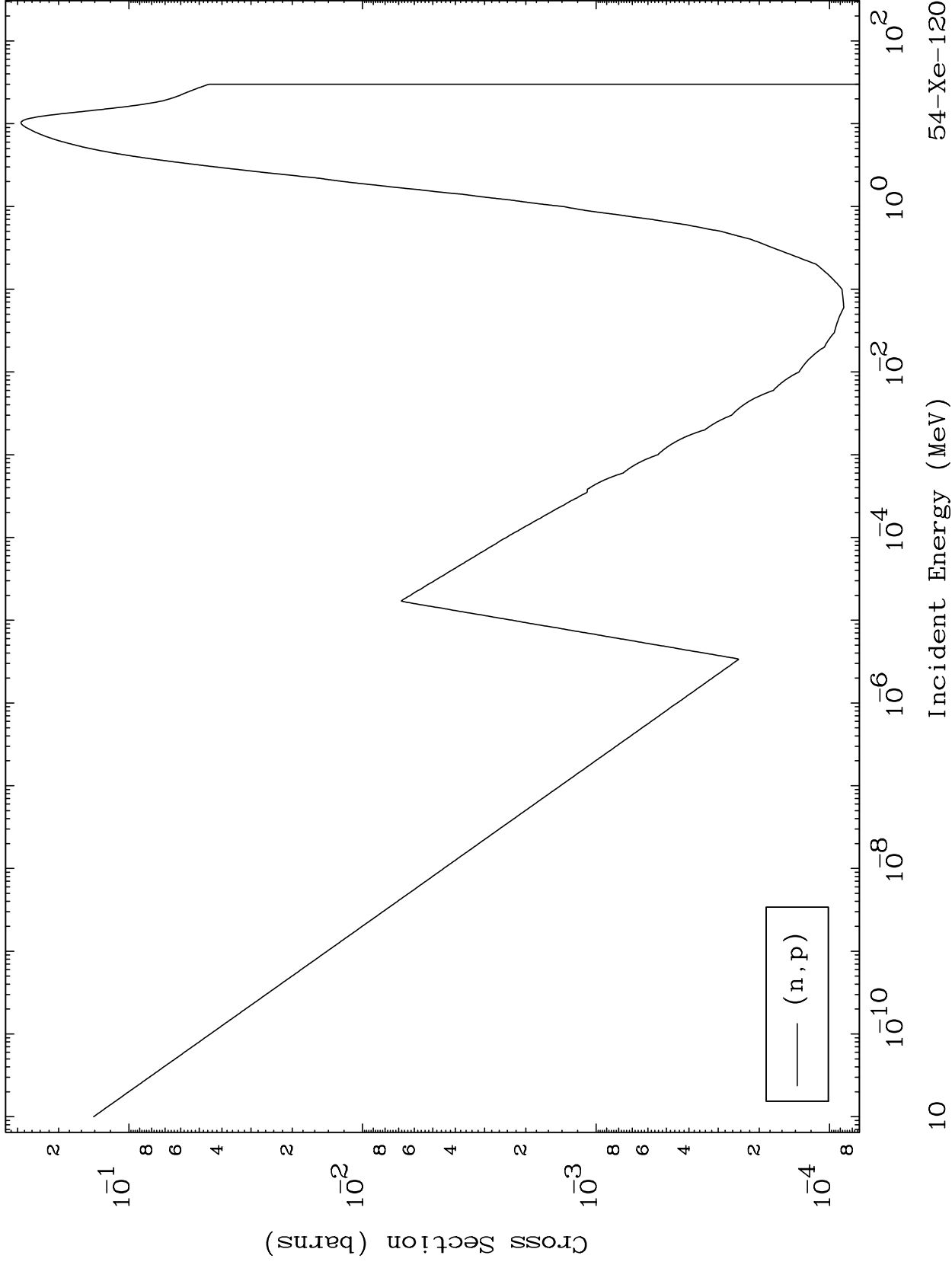
Incident Energy (MeV)

54-Xe-120

MAT 5413

(n,p) Levels
293 Kelvin Cross Sections

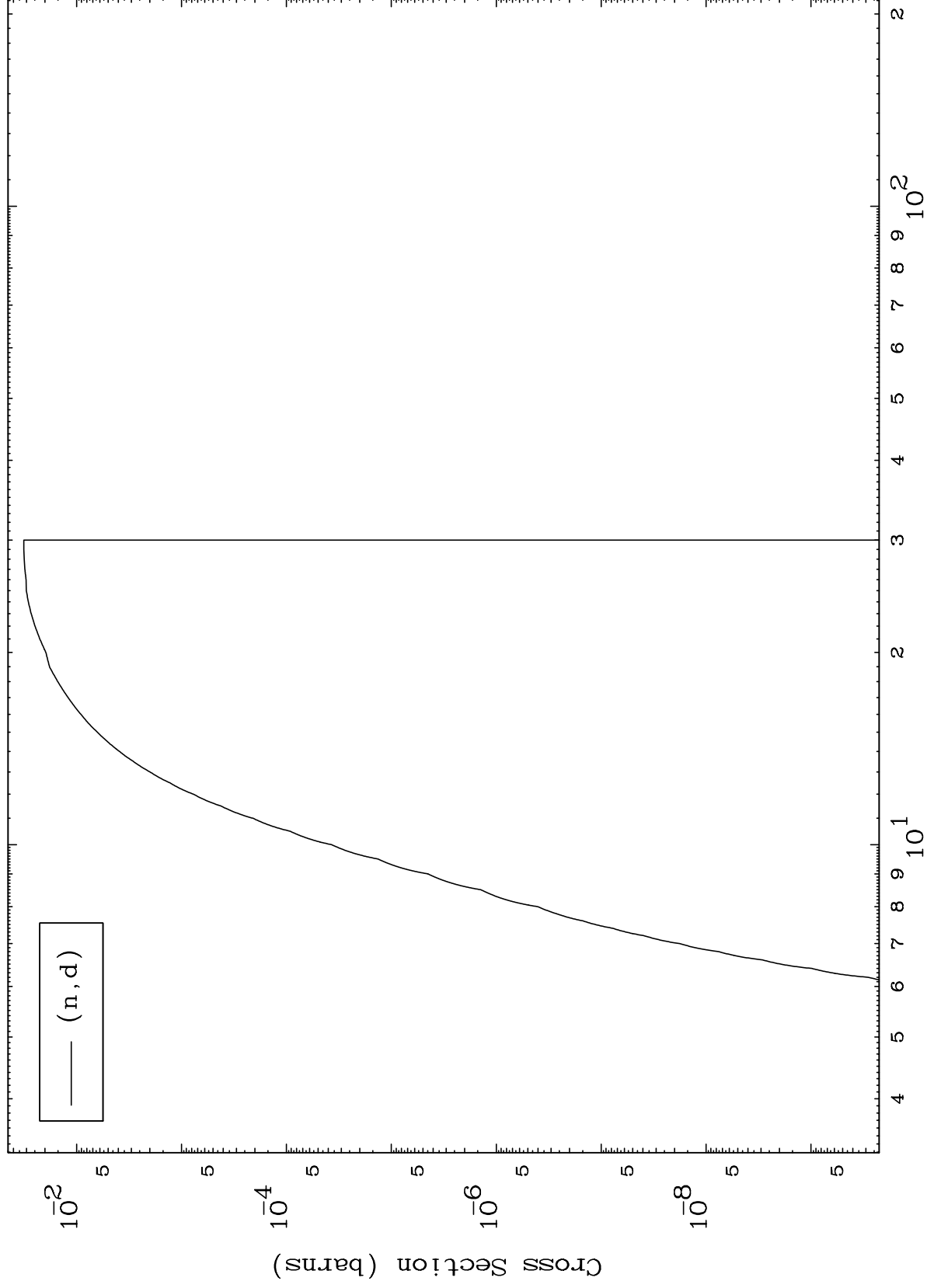
54-Xe-120



MAT 5413

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-120



11

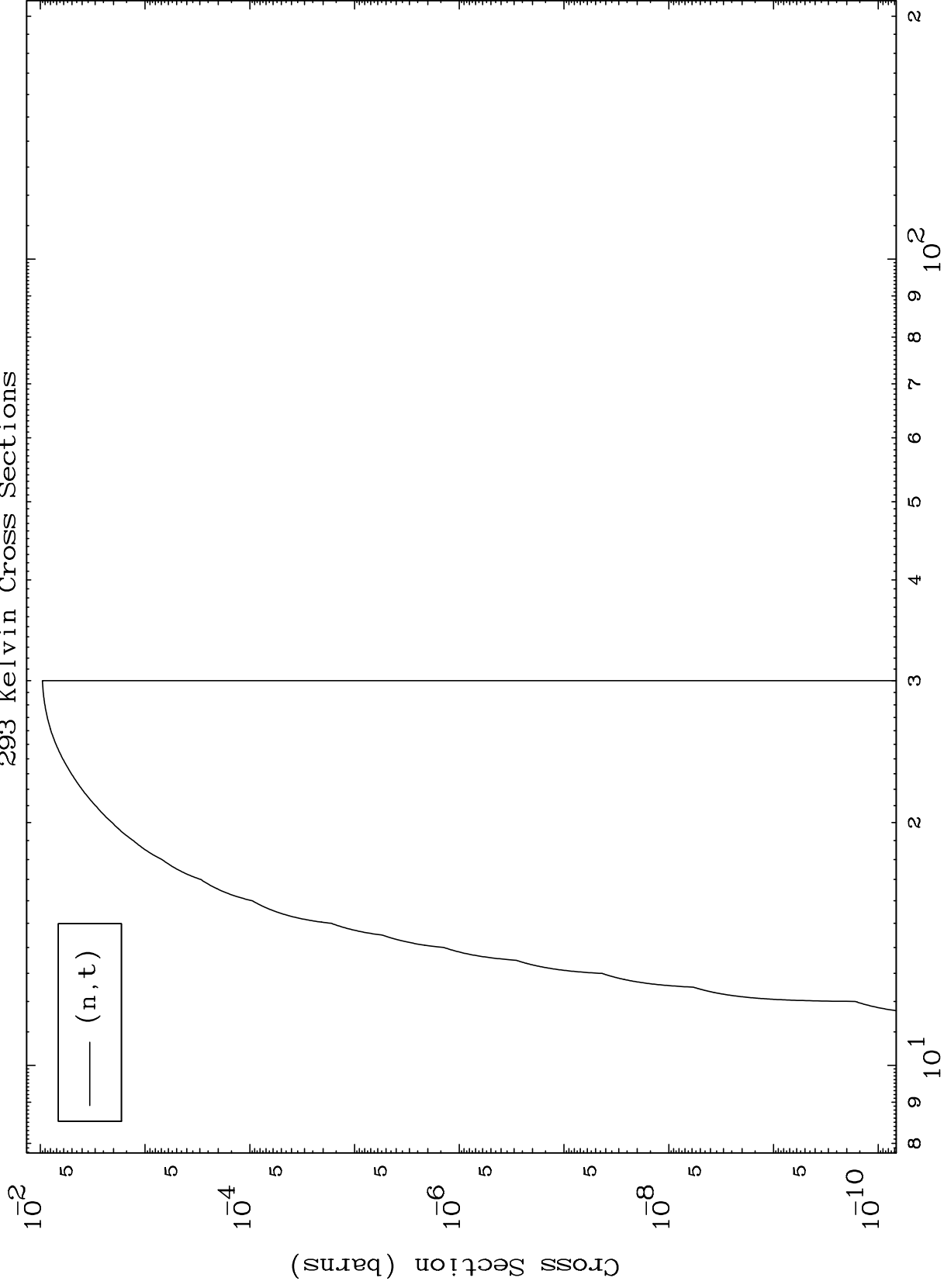
Incident Energy (MeV)

54-Xe-120

MAT 5413

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-120



Incident Energy (MeV)

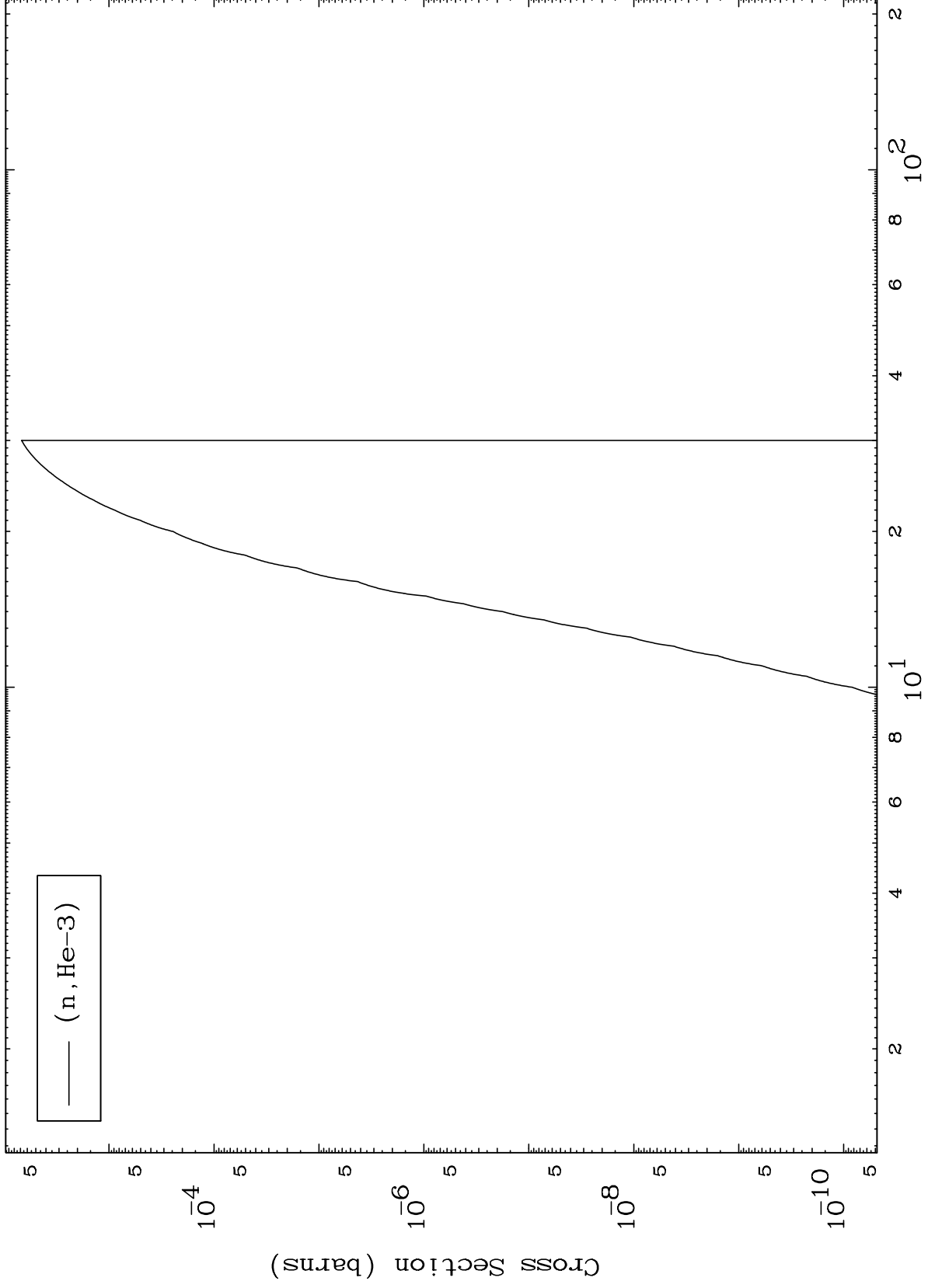
54-Xe-120

12

MAT 5413

(n,He3) Levels
293 Kelvin Cross Sections

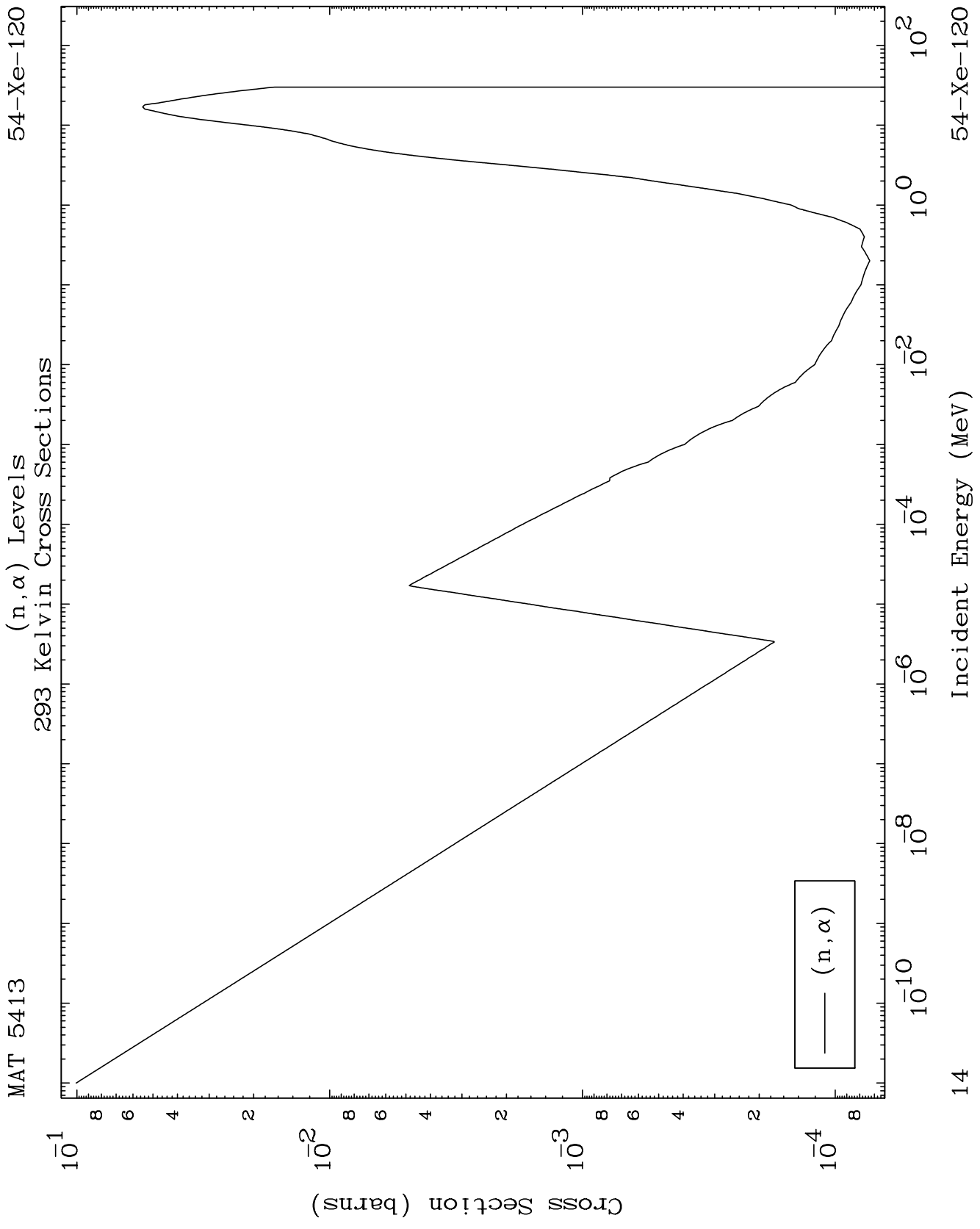
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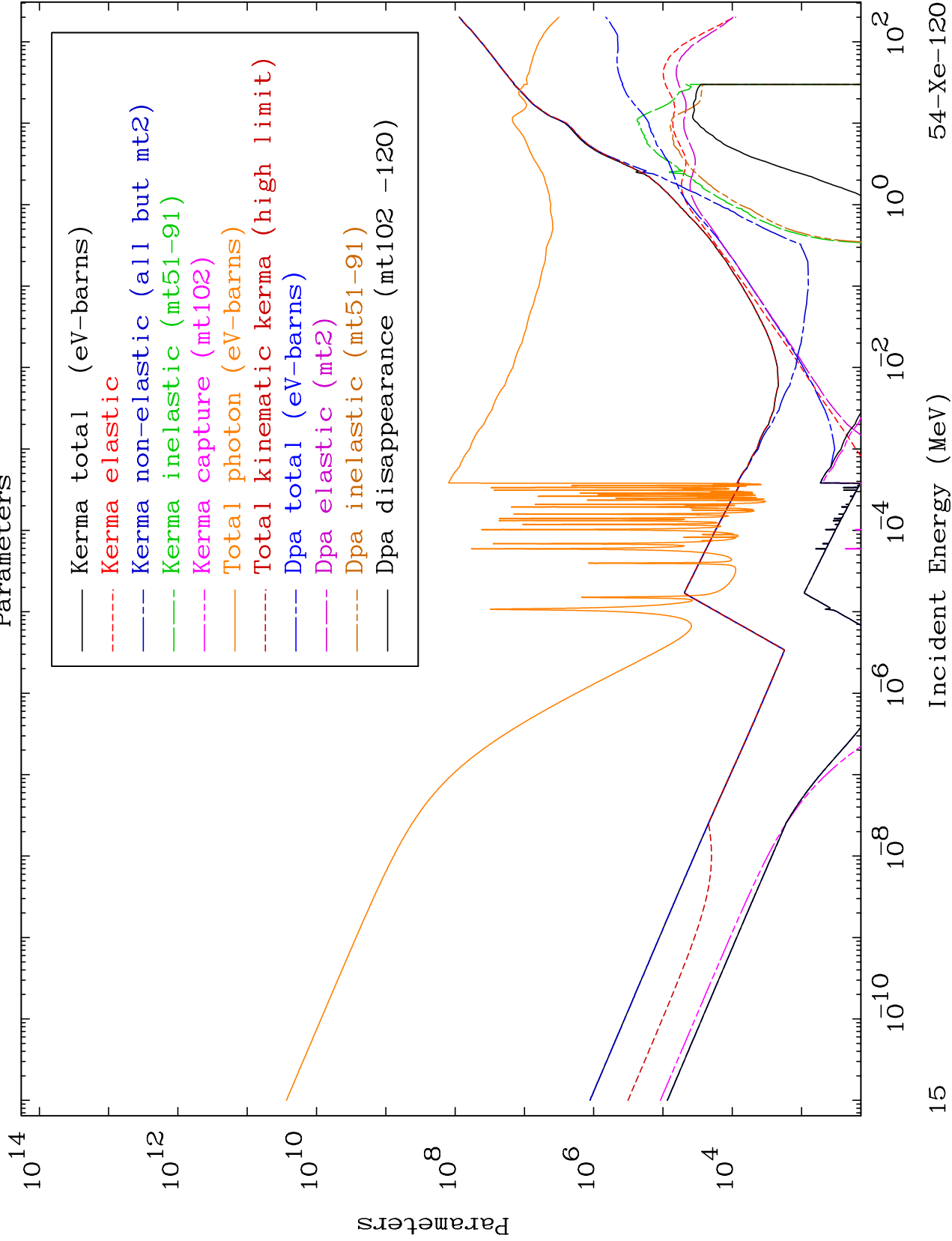


13

Incident Energy (MeV)

54-Xe-120

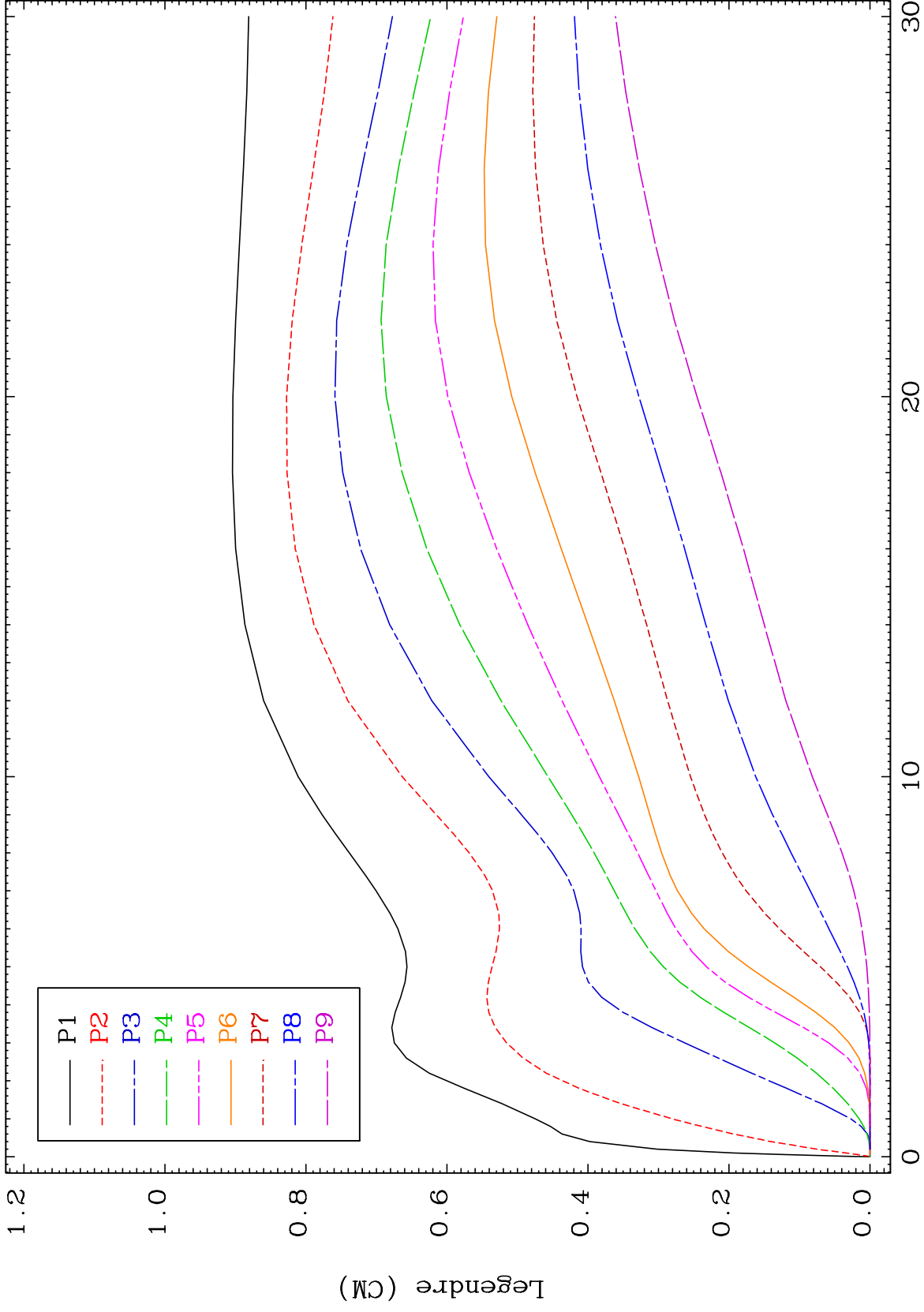




MAT 5413

Elastic Legendre Coefficients

54-Xe-120



16

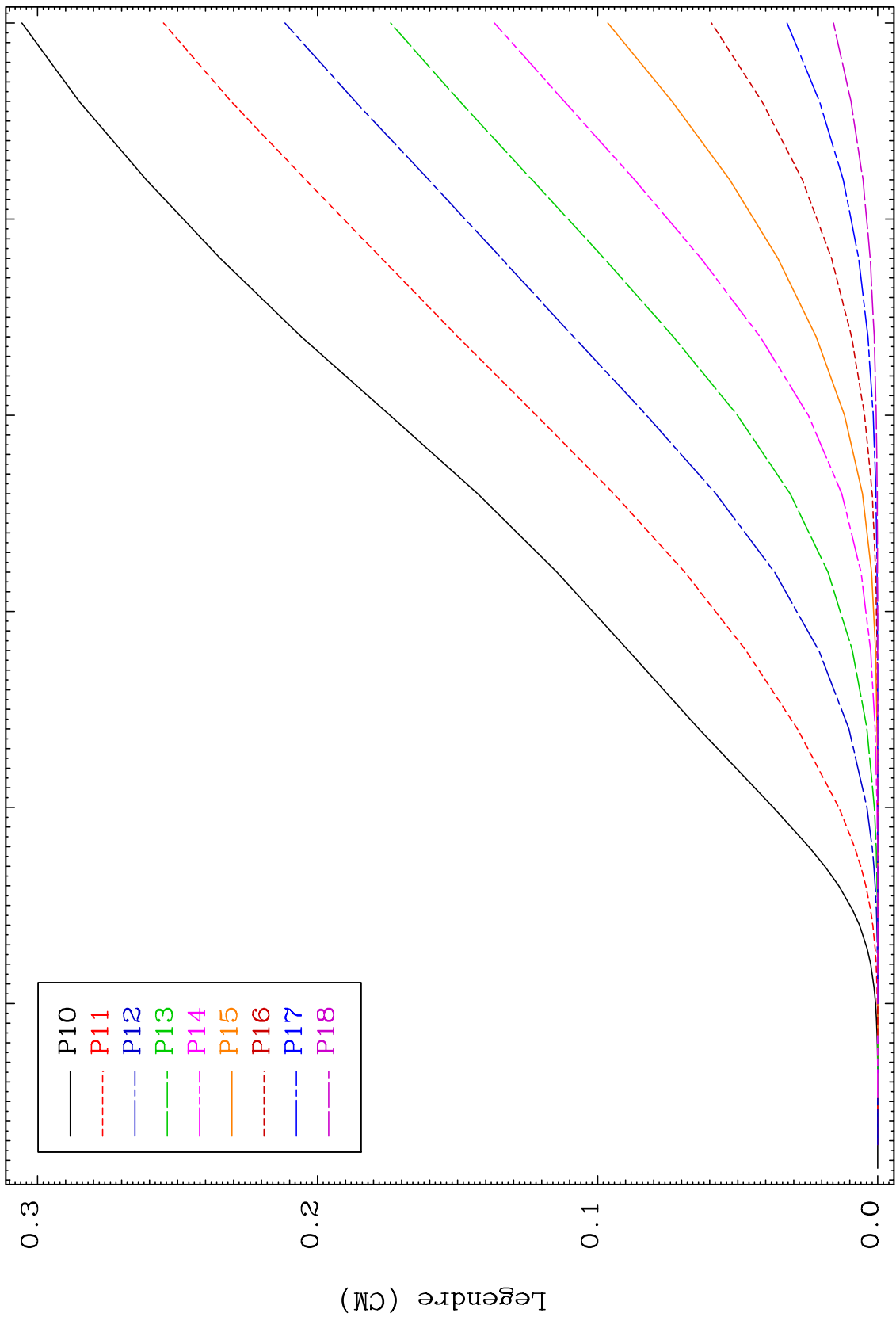
Incident Energy (MeV)

54-Xe-120

MAT 5413

Elastic Legendre Coefficients

54-Xe-120



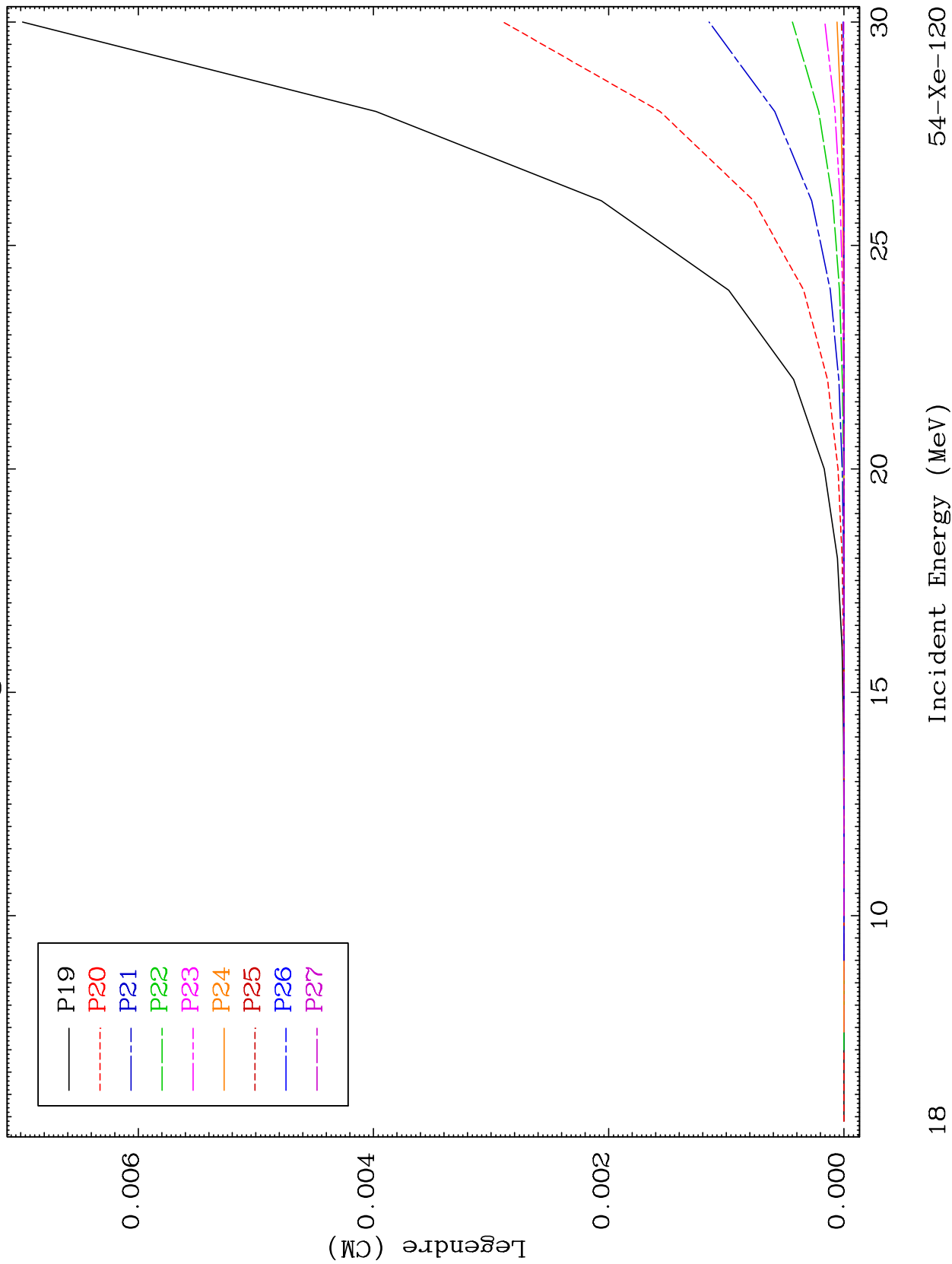
17

54-Xe-120

MAT 5413

Elastic Legendre Coefficients

54-Xe-120



18

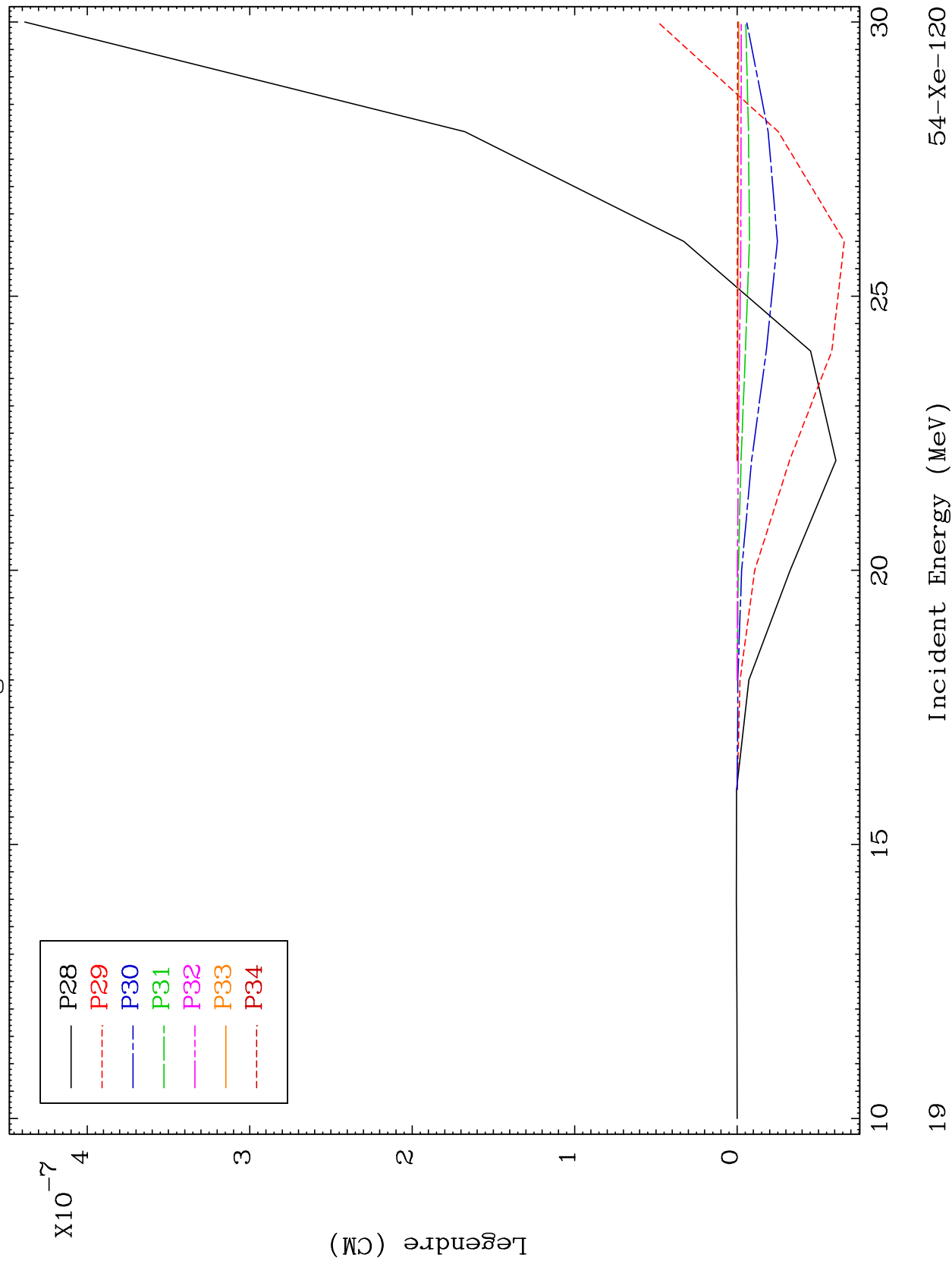
Incident Energy (MeV)

54-Xe-120

MAT 5413

Elastic Legendre Coefficients

54-Xe-120

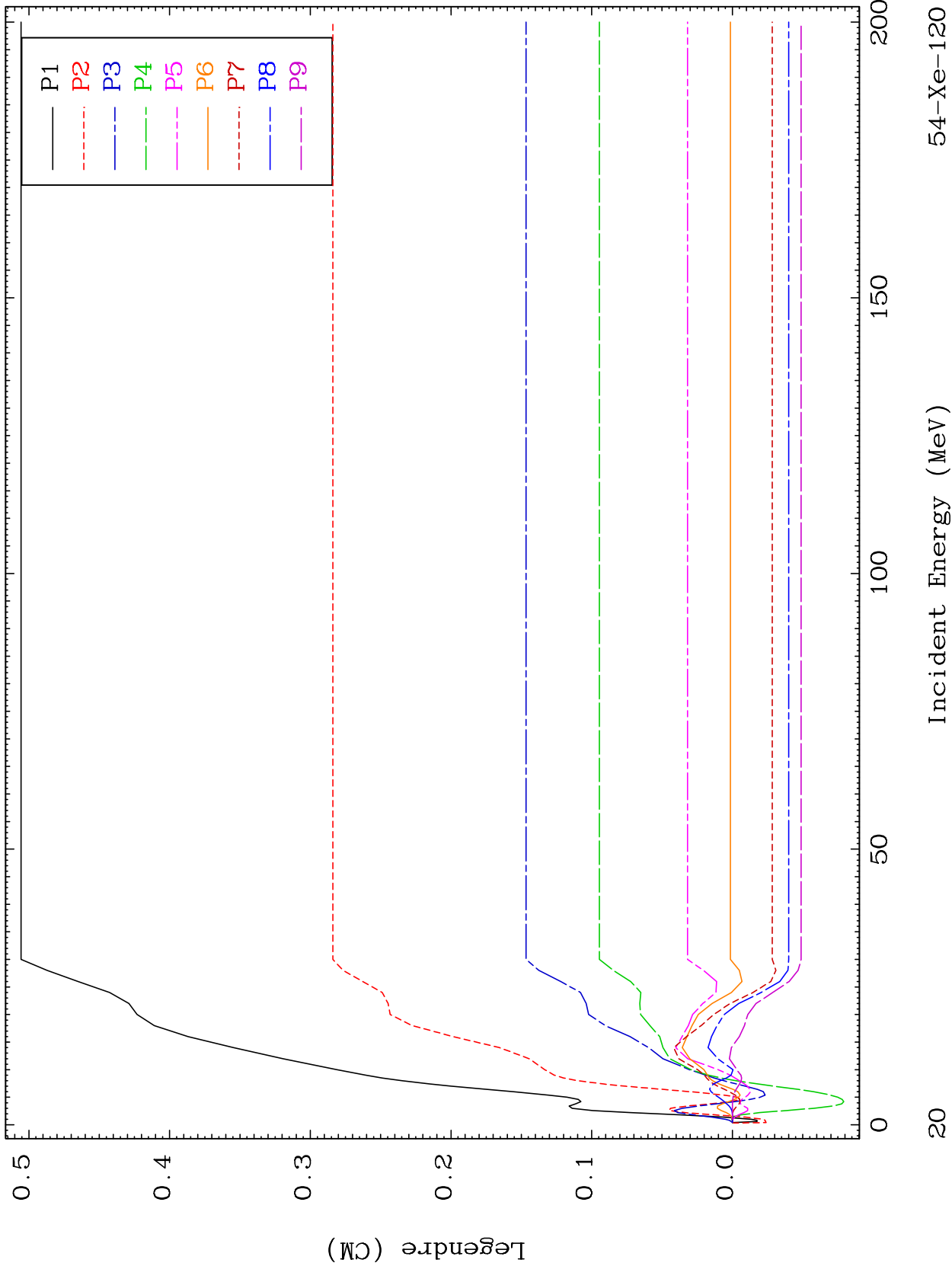


MAT 5413

MT= 51 (n,n') Level

54-Xe-120

Legendre Coefficients



54-Xe-120

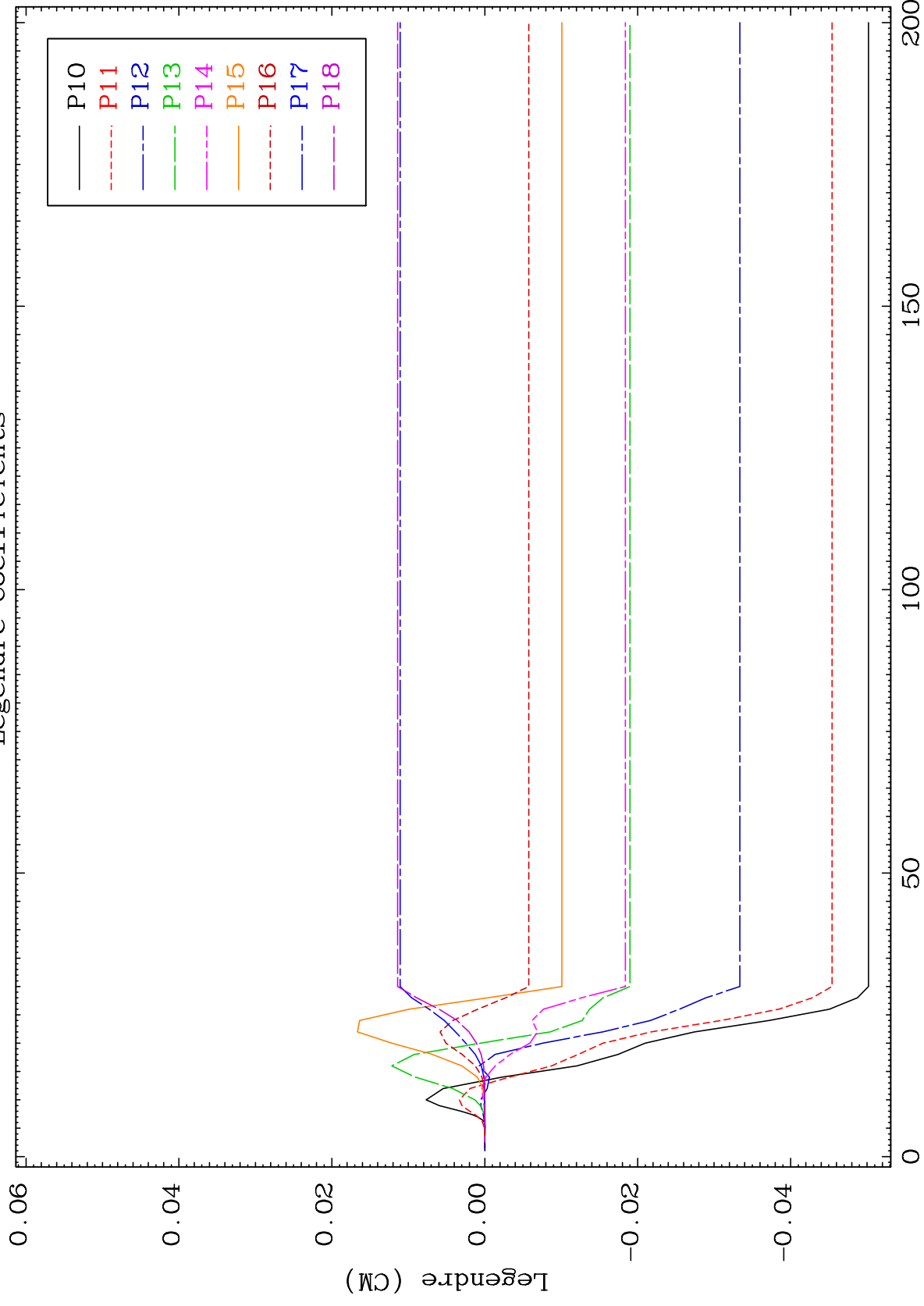
Incident Energy (MeV)

20

MAT 5413

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

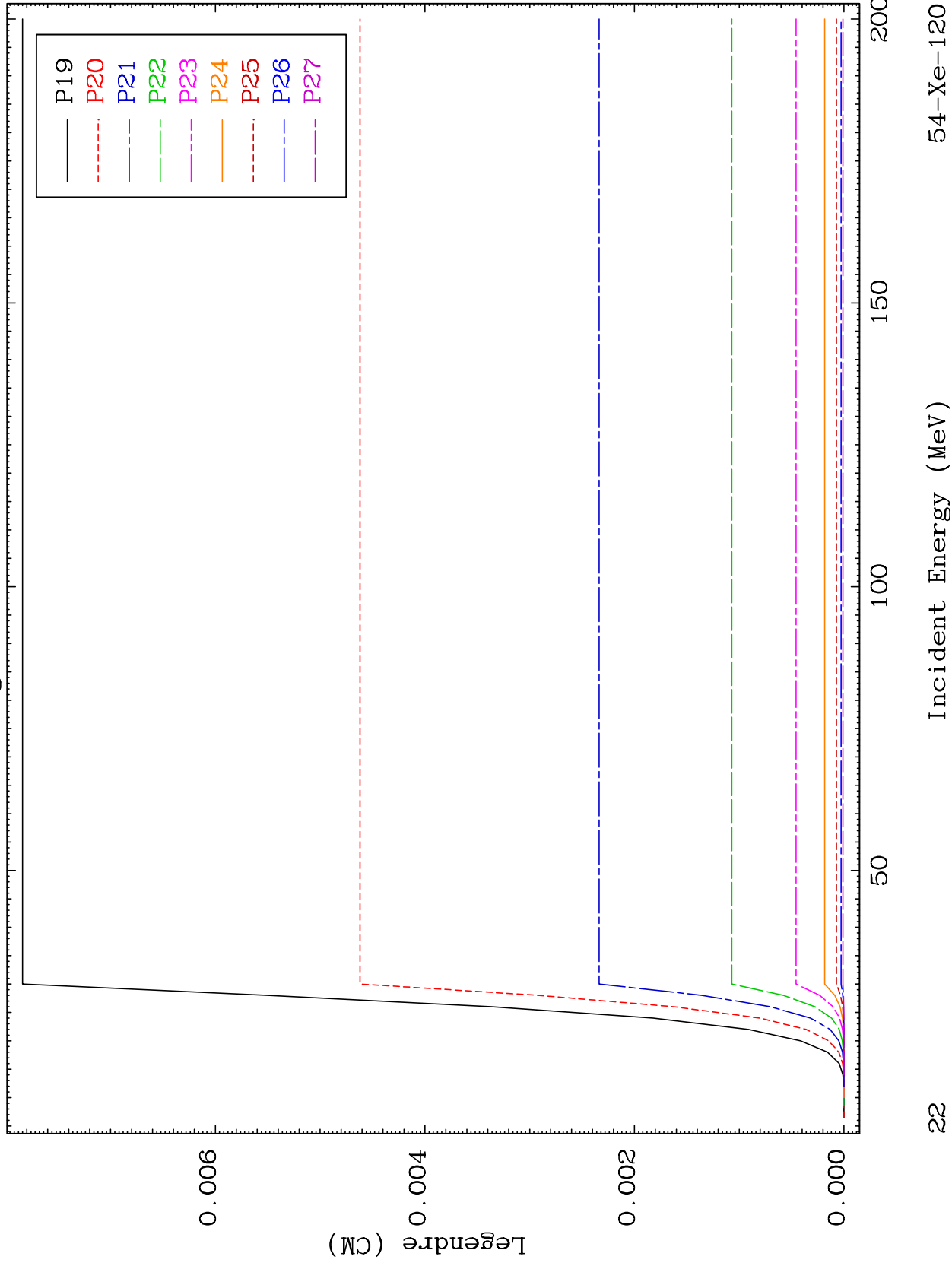
54-Xe-120



MAT 5413

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

54-Xe-120



22

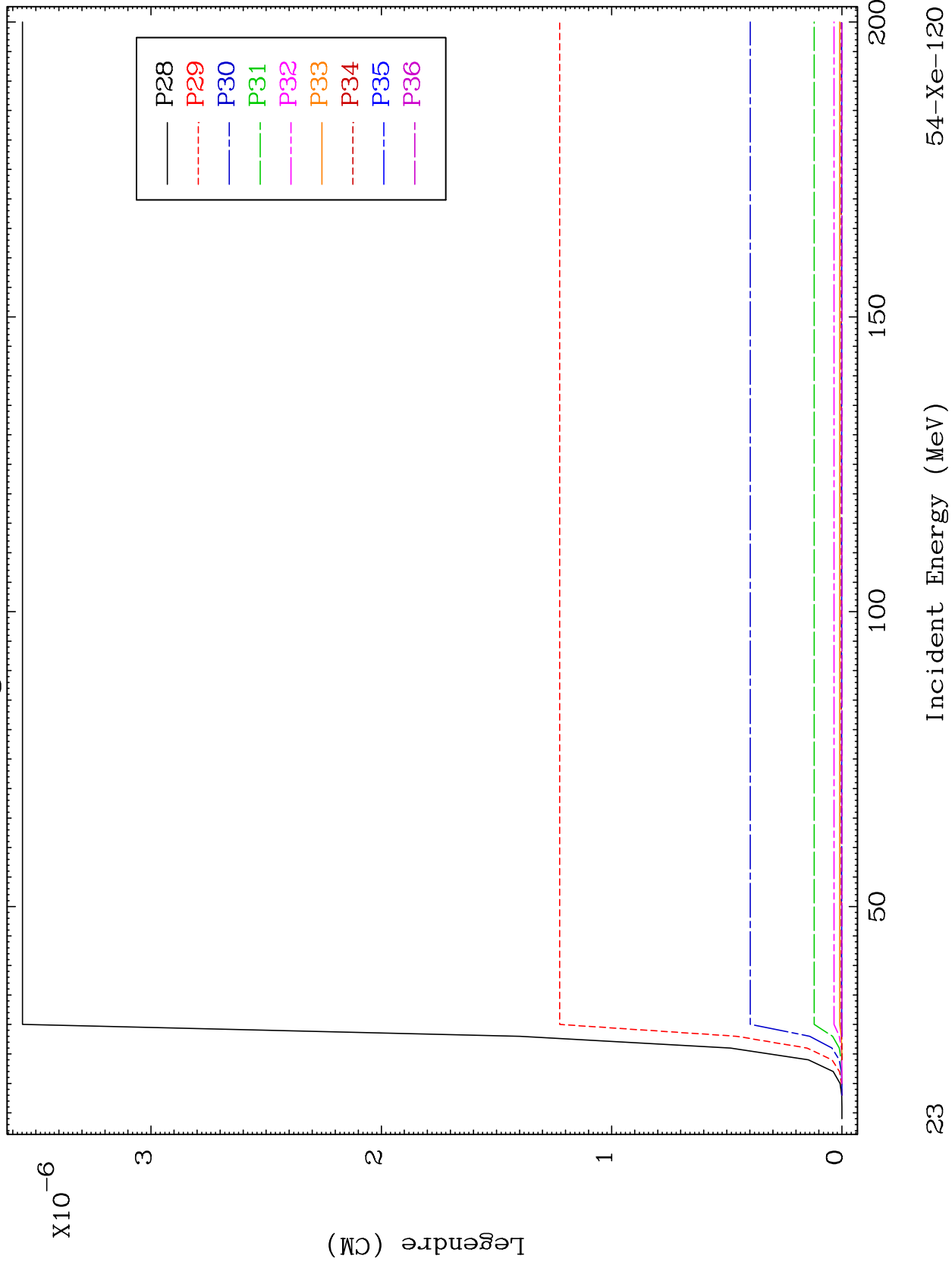
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



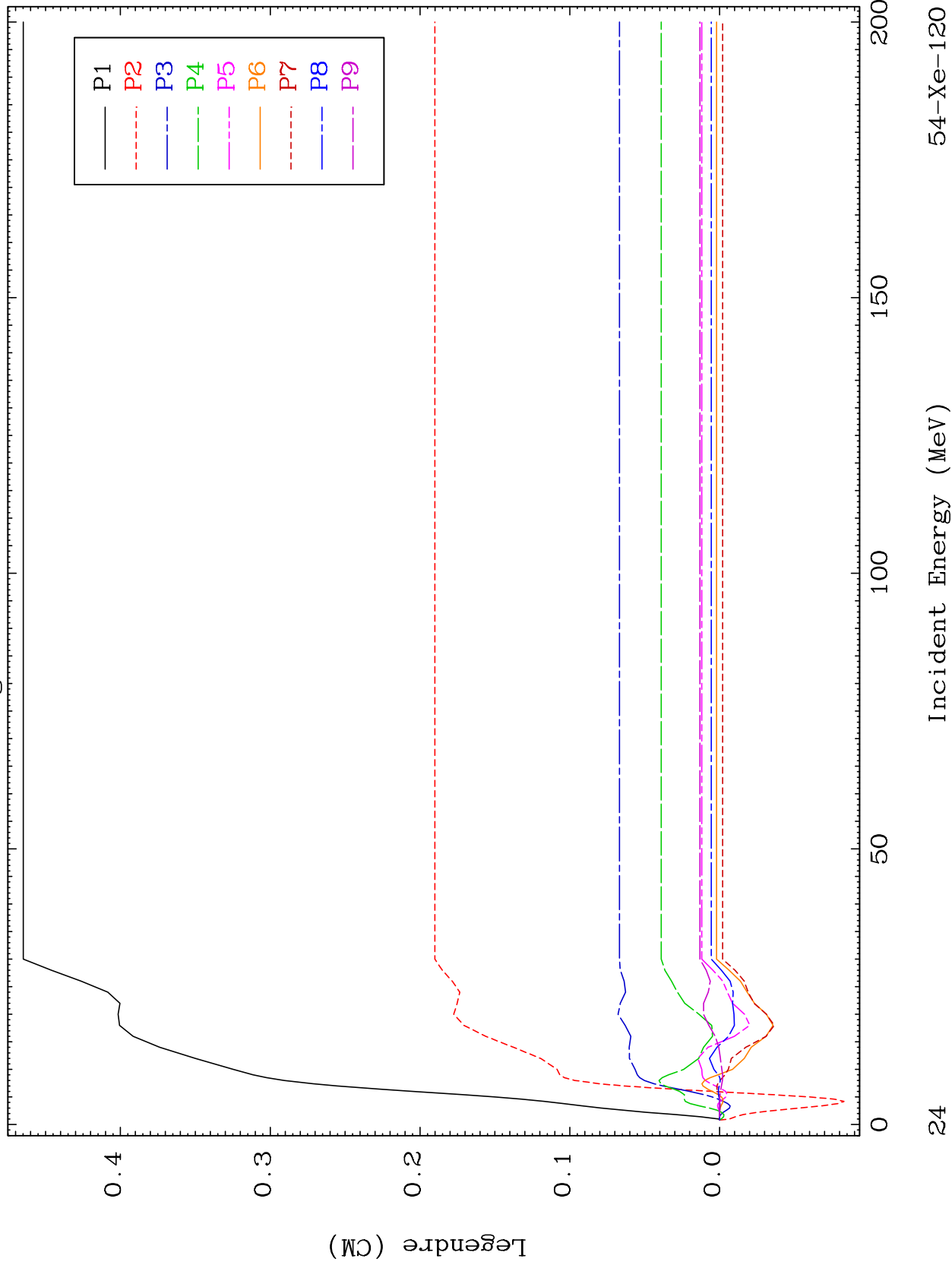
23

54-Xe-120

MAT 5413

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

54-Xe-120



54-Xe-120

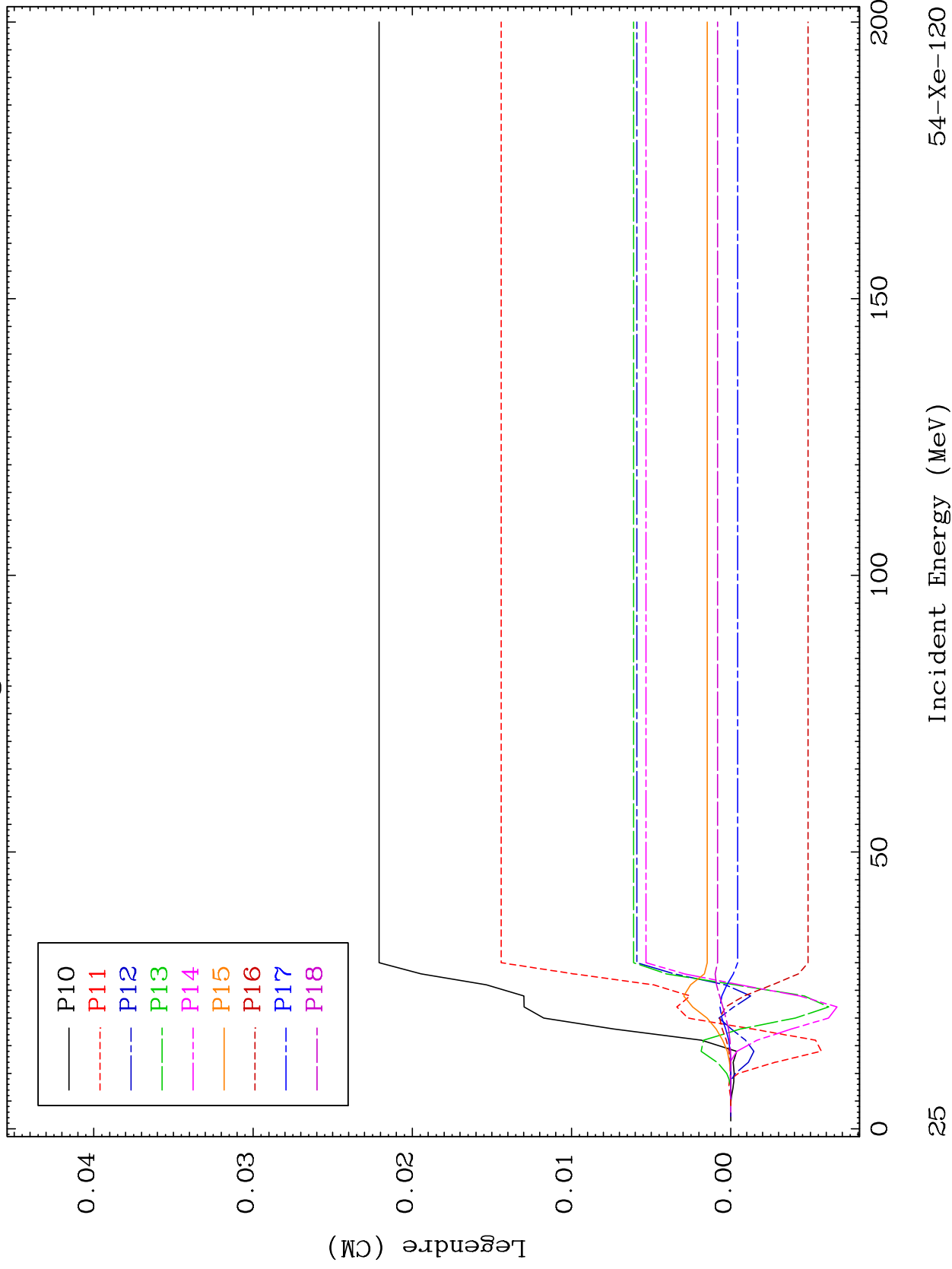
Incident Energy (MeV)

24

MAT 5413

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

54-Xe-120



54-Xe-120

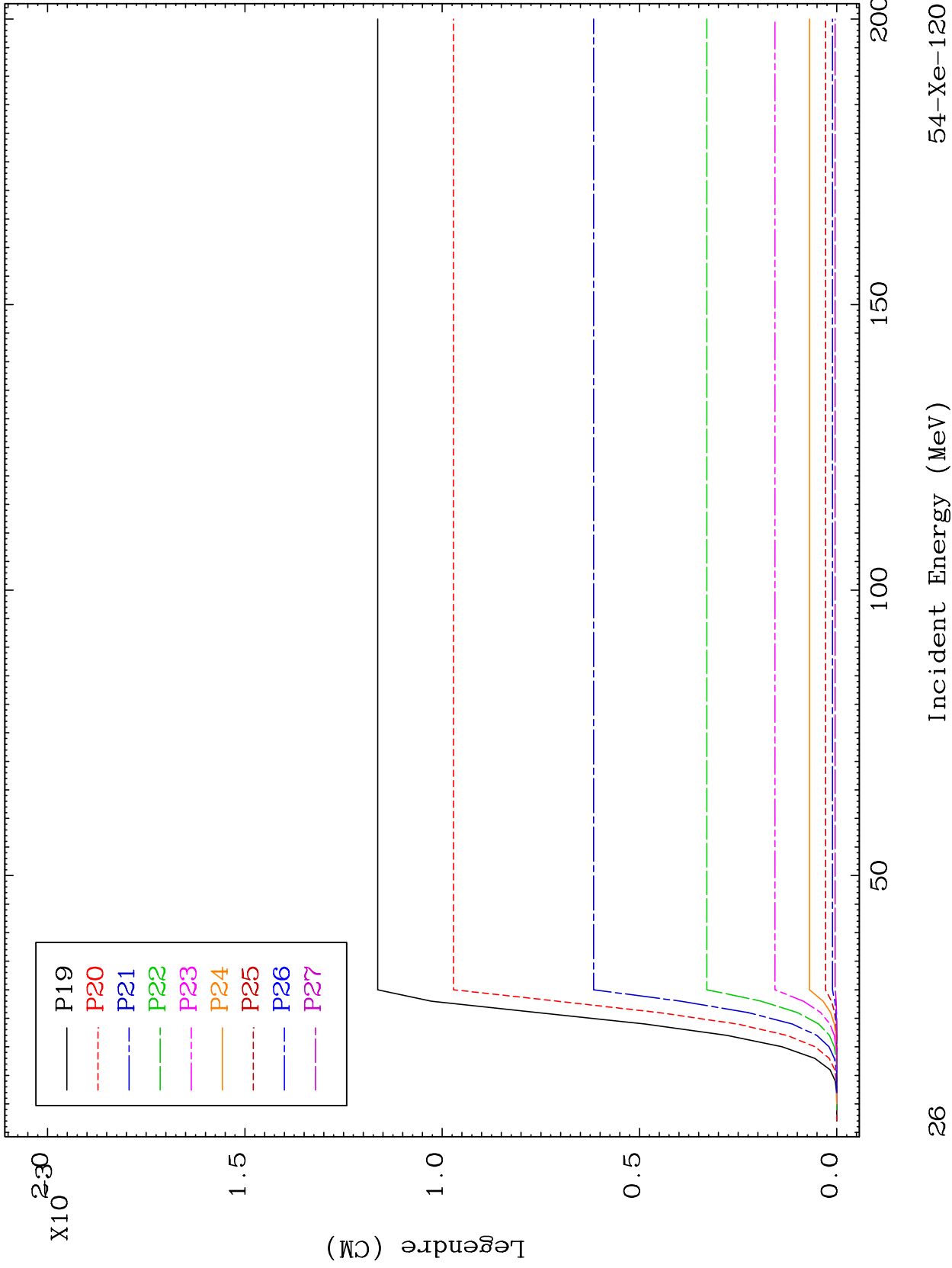
Incident Energy (MeV)

25

MAT 5413

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

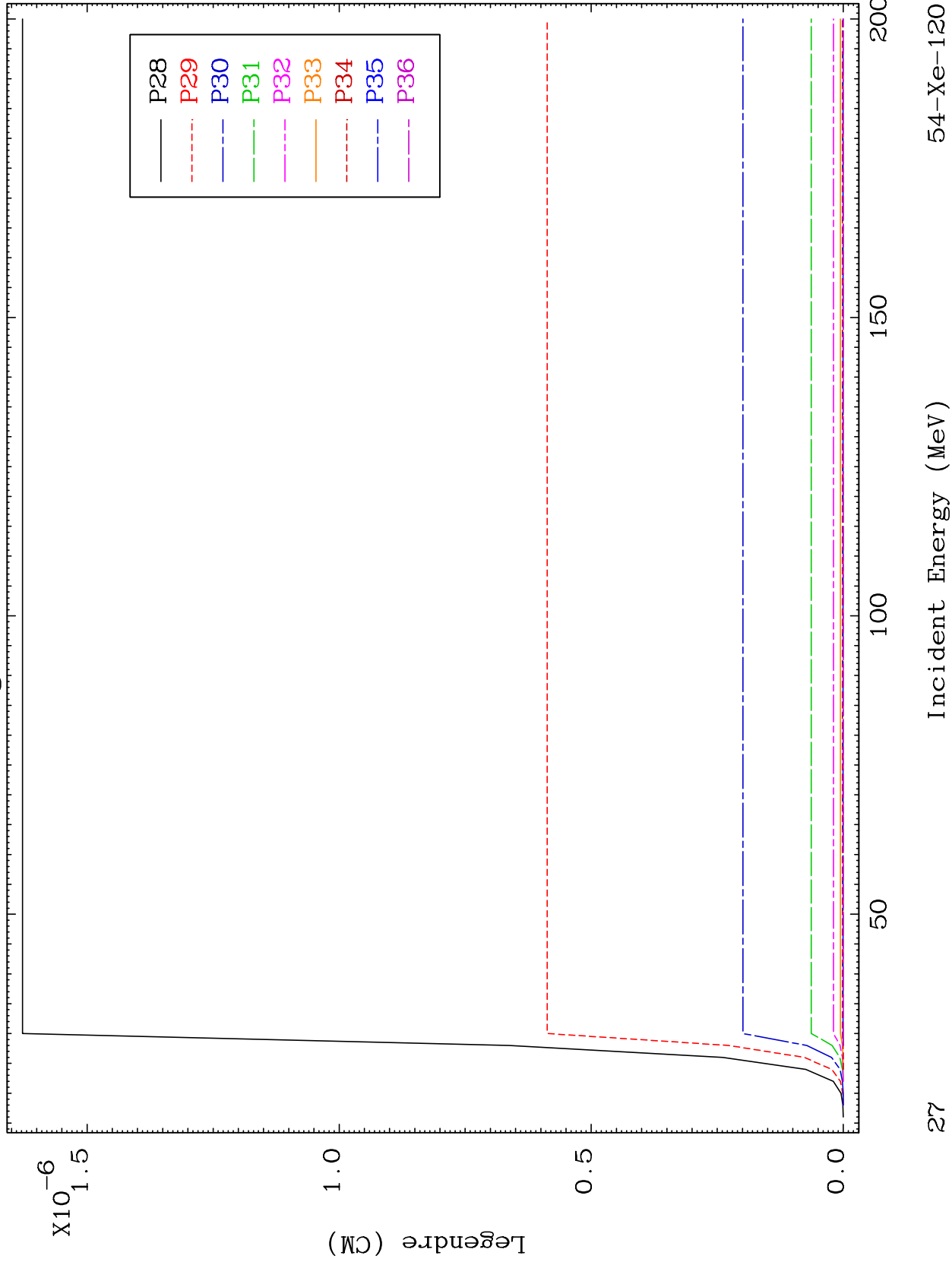
54-Xe-120



MAT 5413

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

54-Xe-120

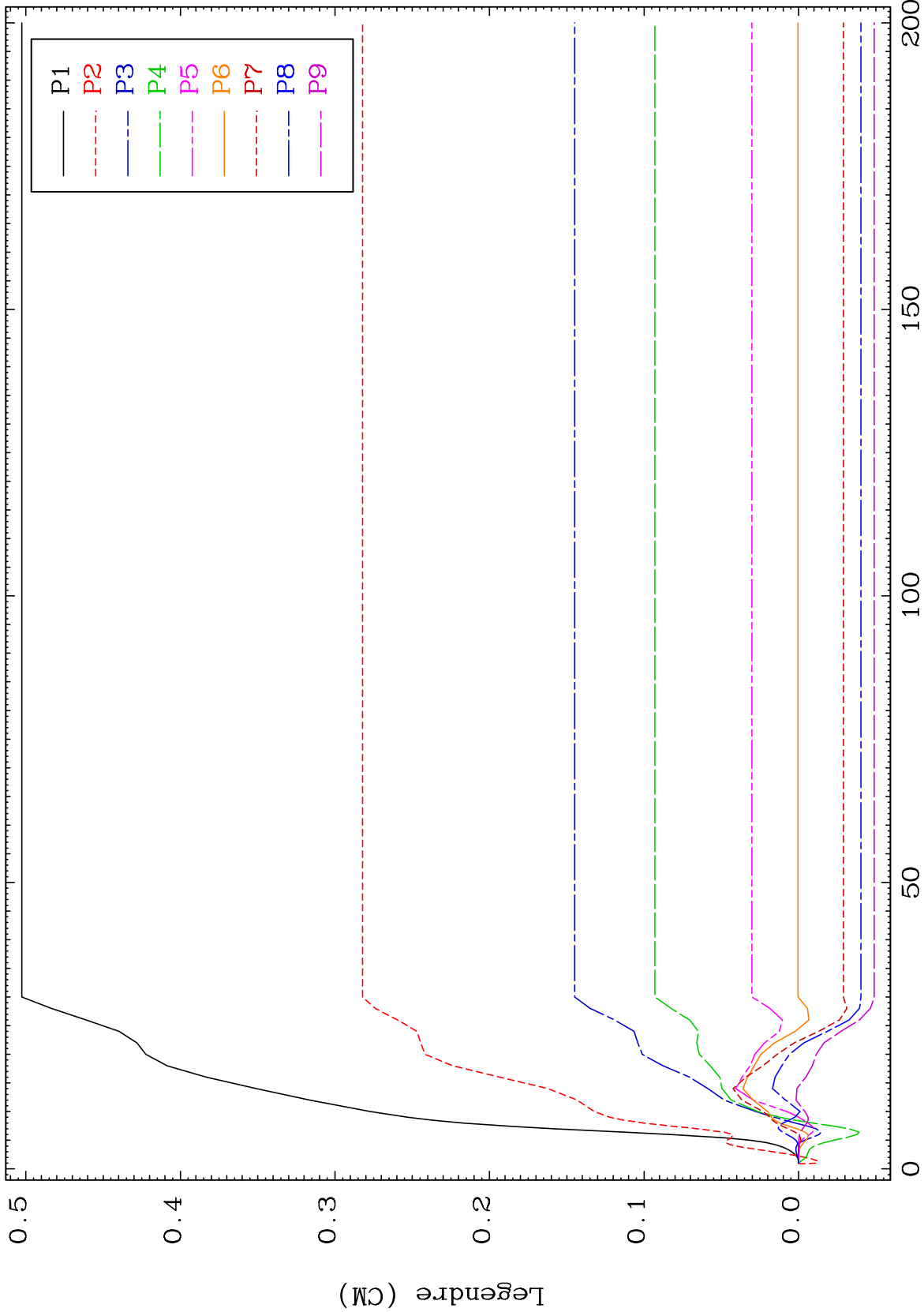


MAT 5413

MT= 53 (n,n') Level

54-Xe-120

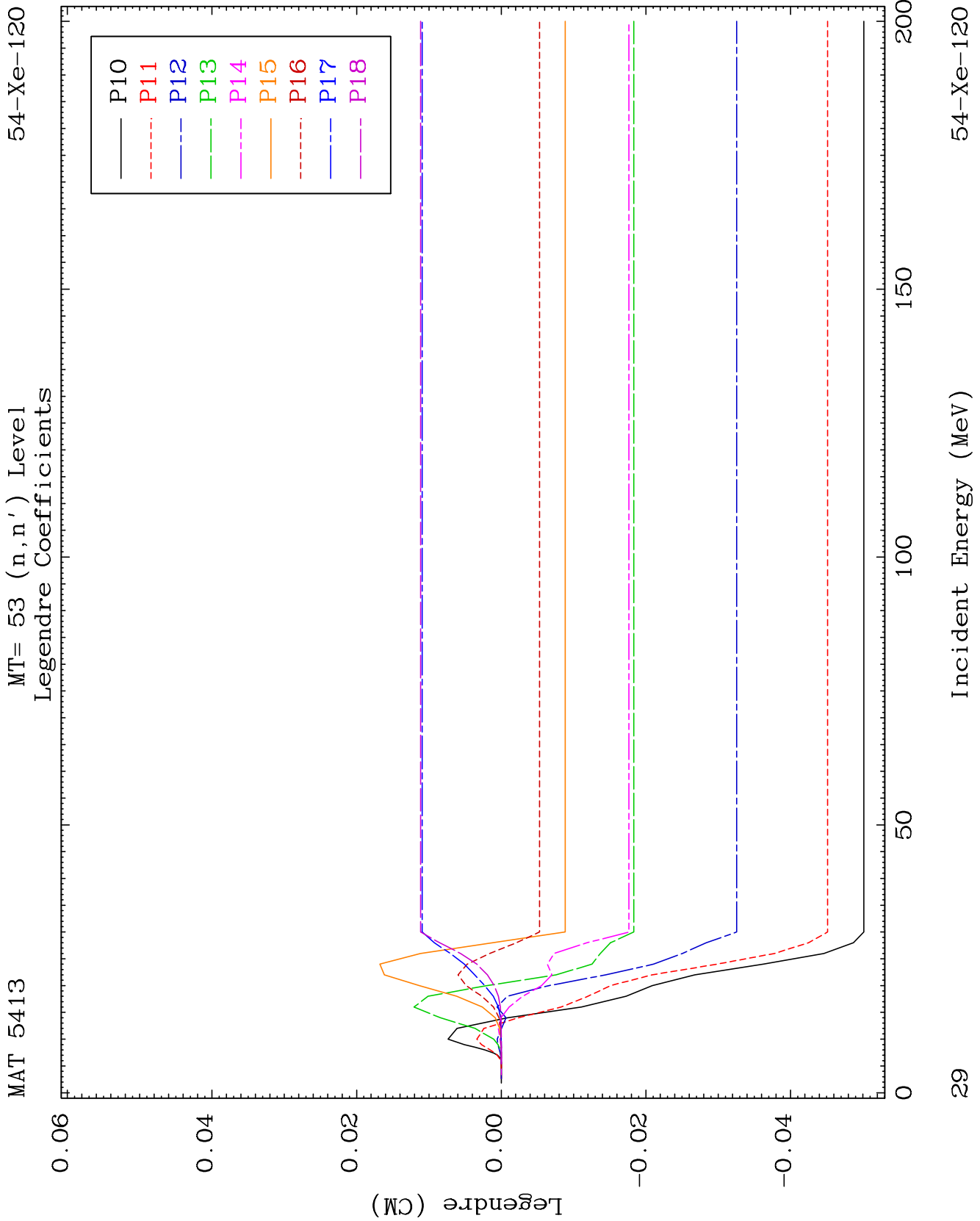
Legendre Coefficients



28

Incident Energy (MeV)

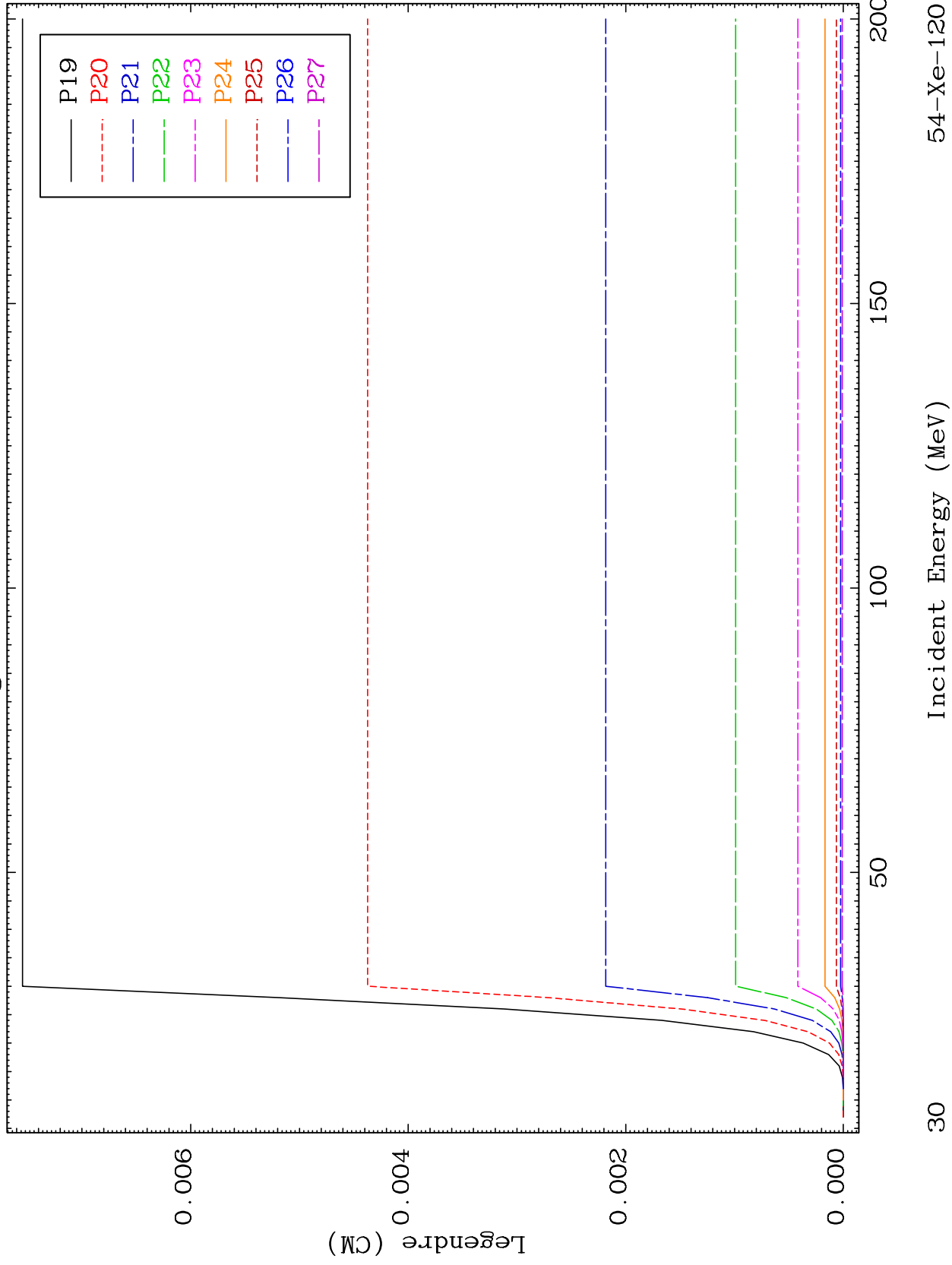
54-Xe-120



MAT 5413

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

54-Xe-120



54-Xe-120

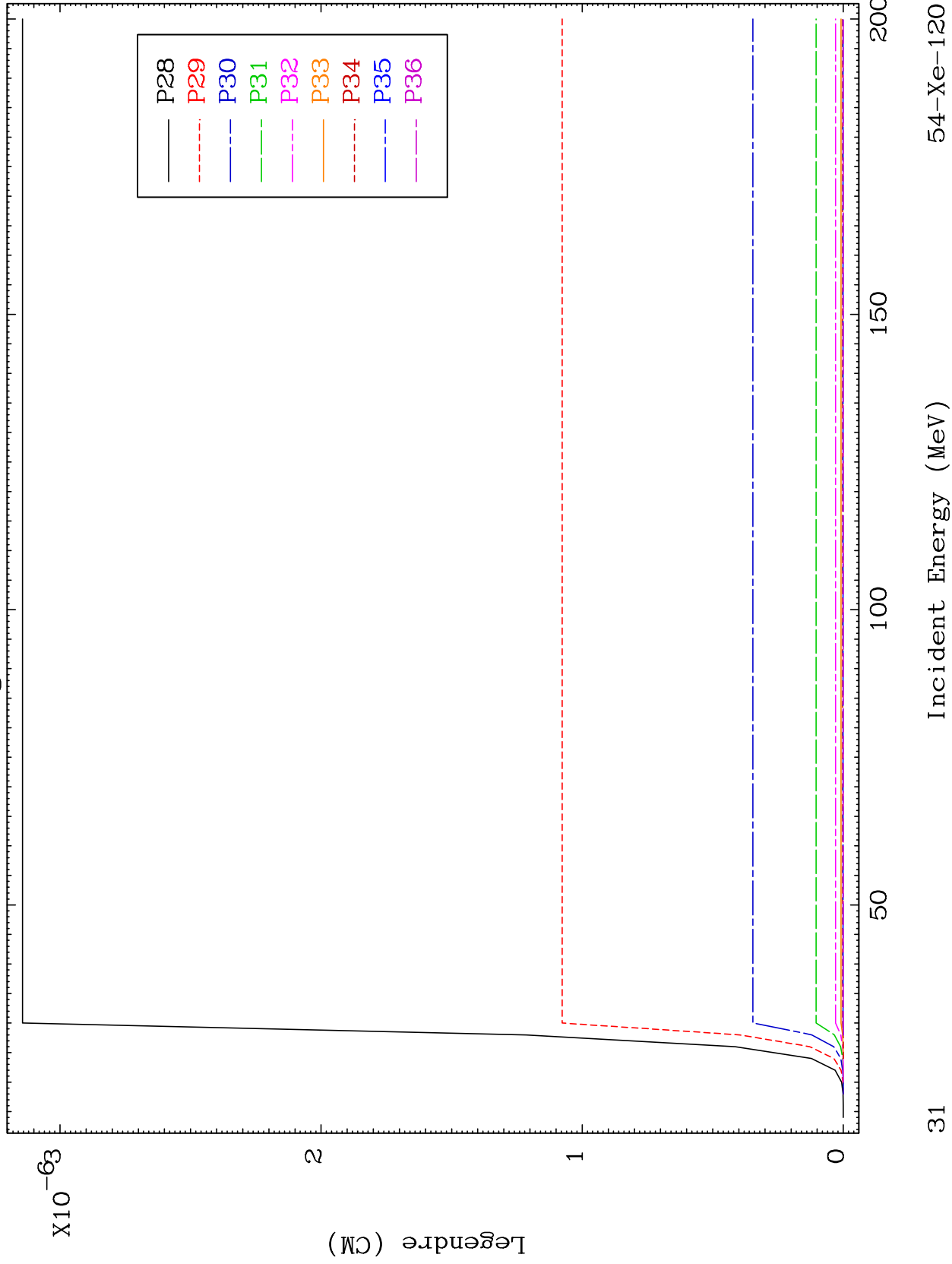
Incident Energy (MeV)

30

MAT 5413

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

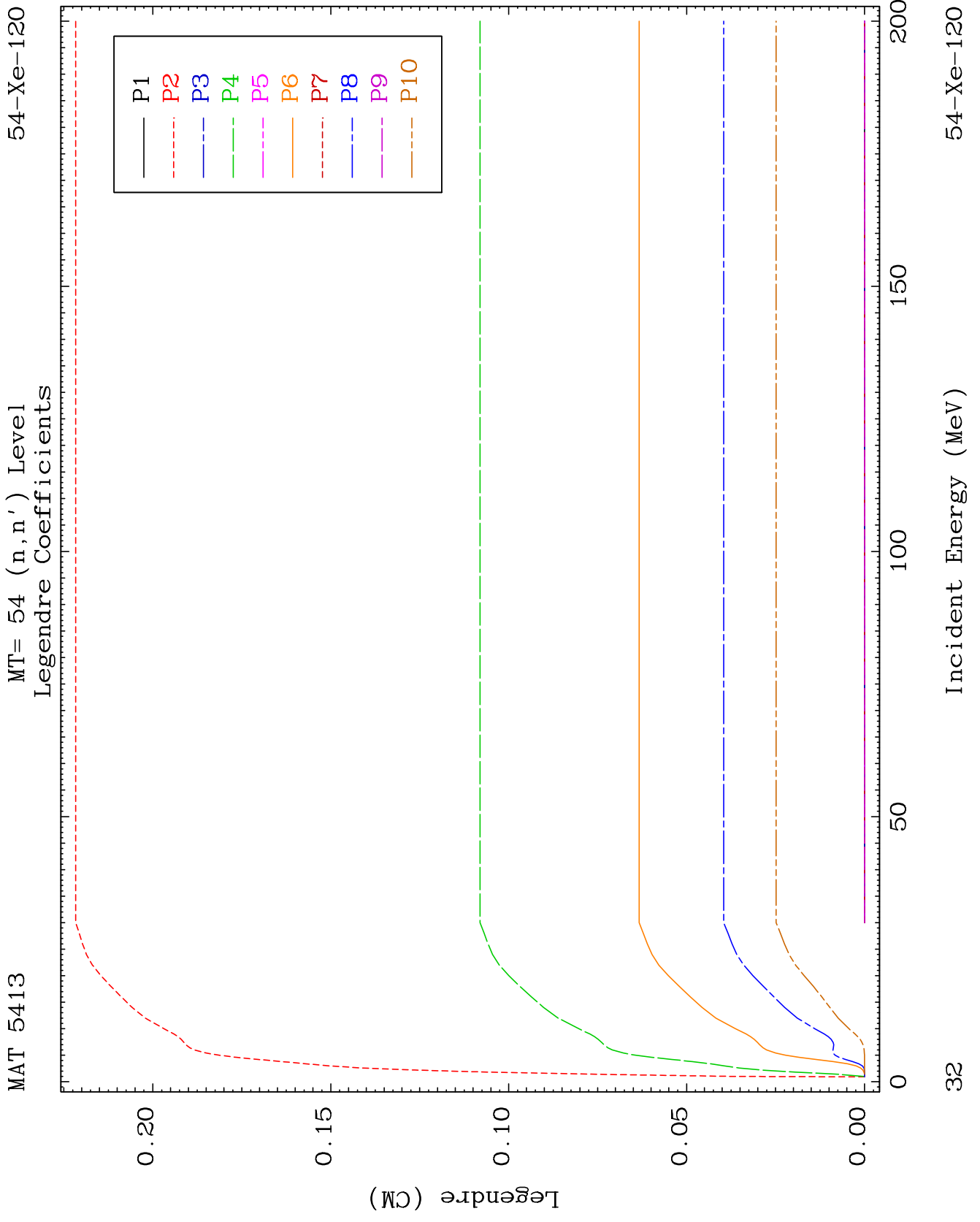
54-Xe-120

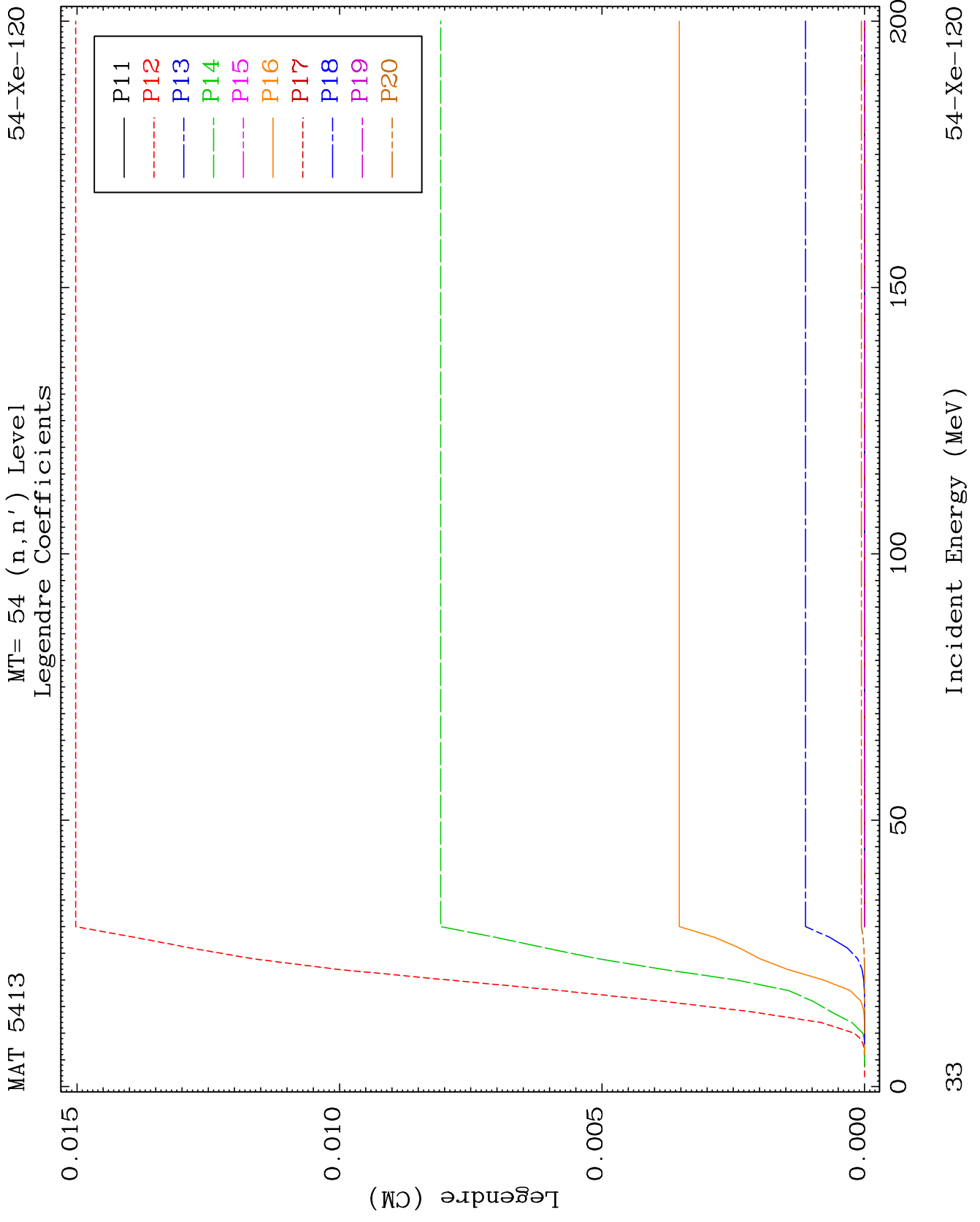


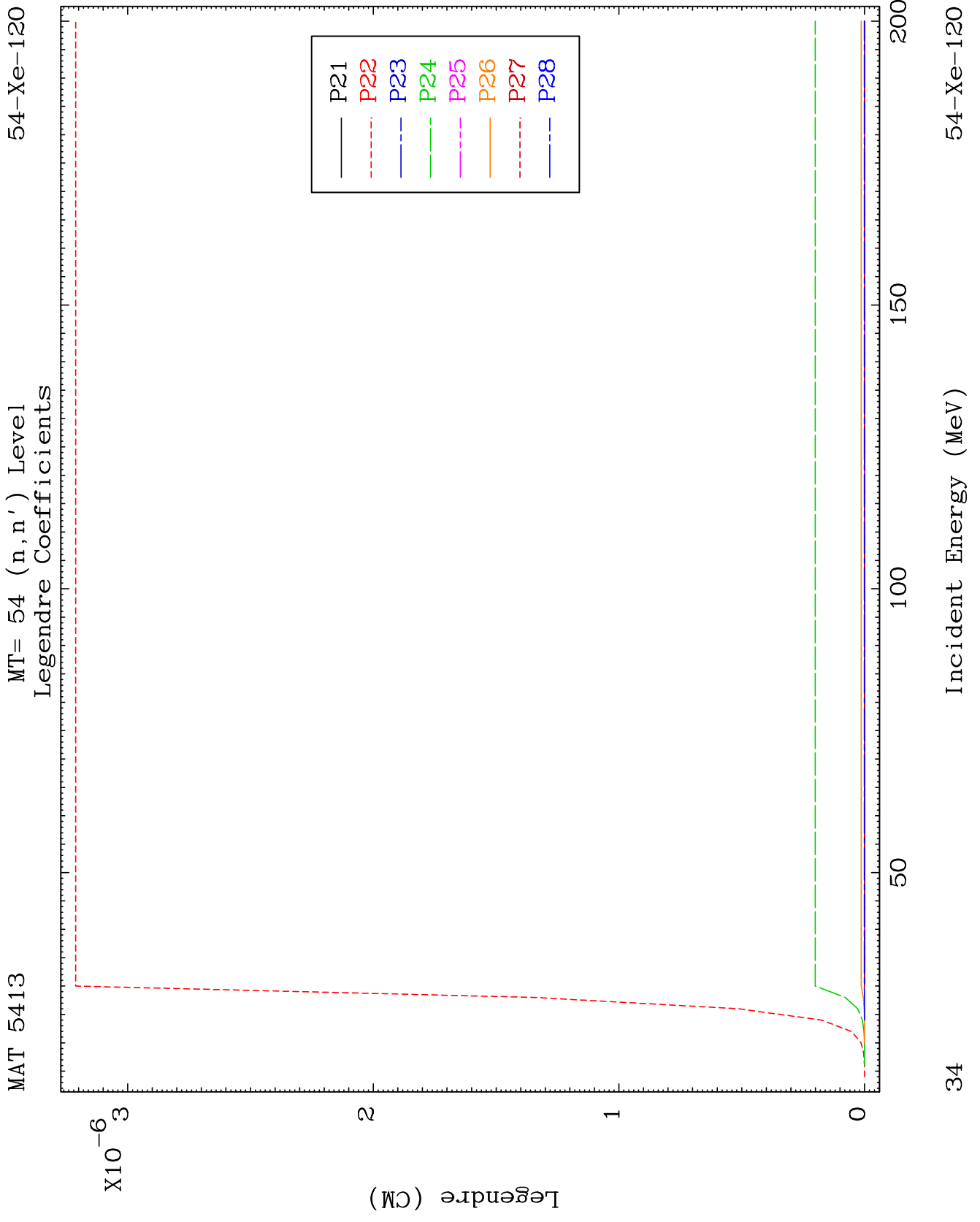
31

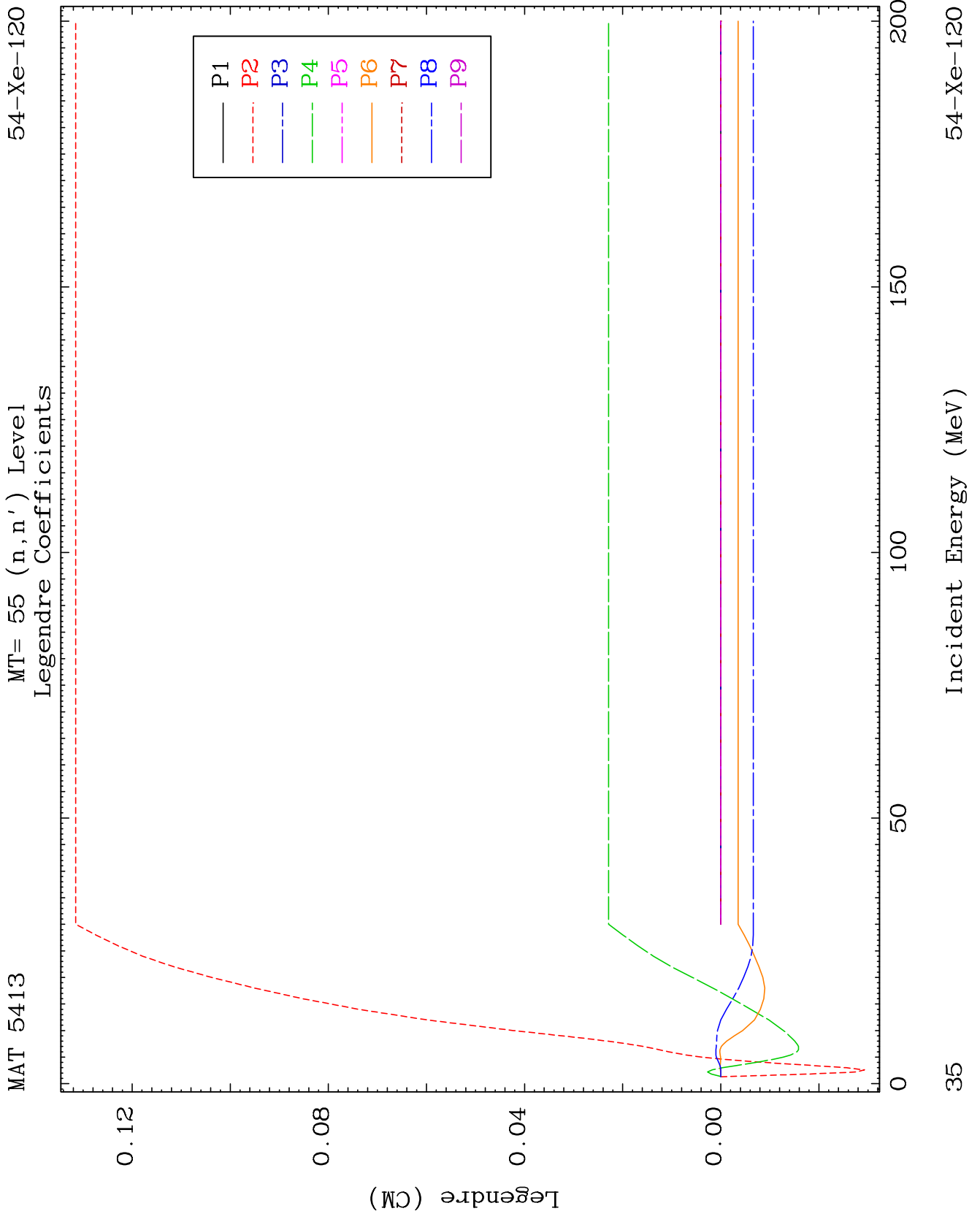
Incident Energy (MeV)

54-Xe-120





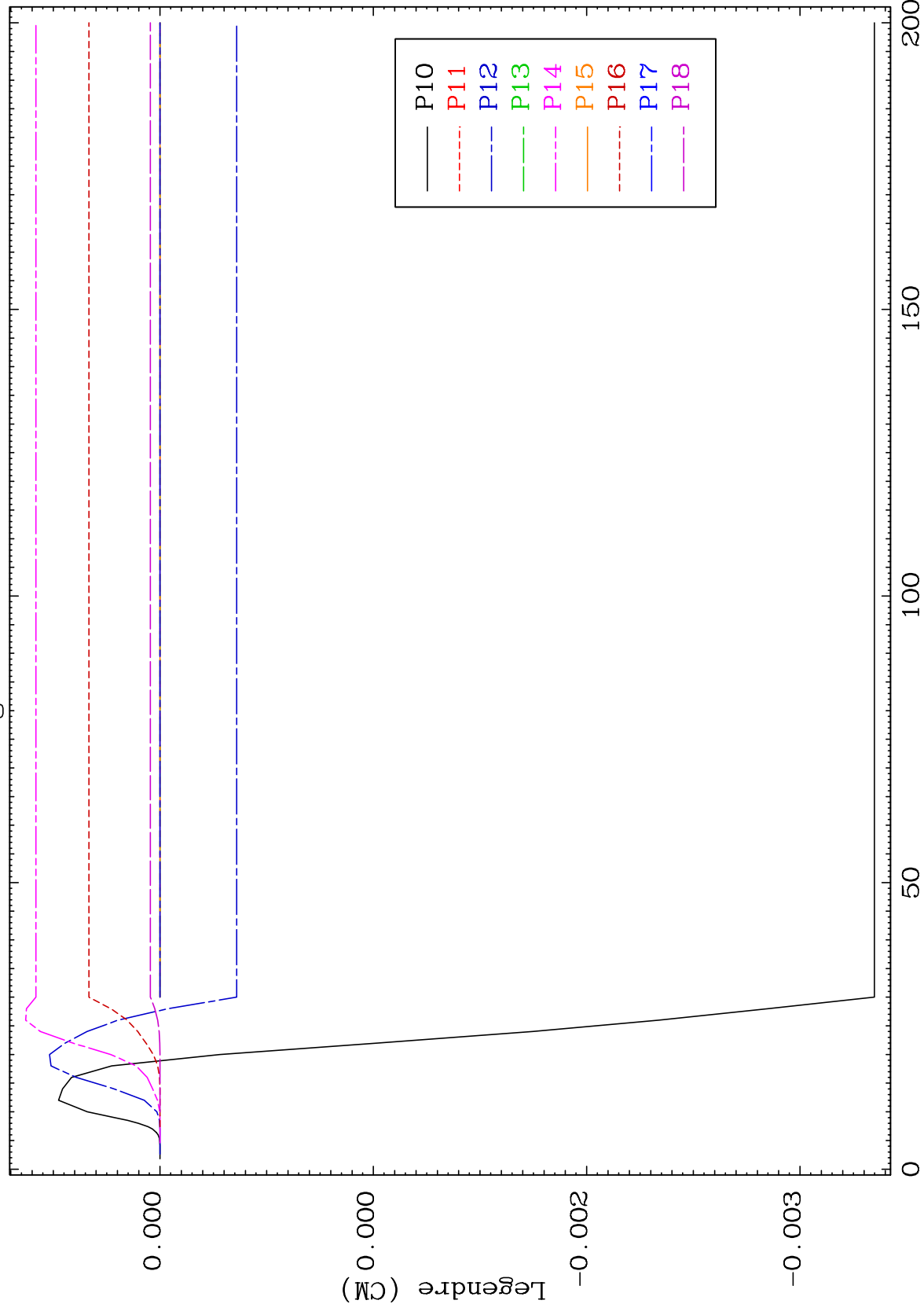




MAT 5413

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

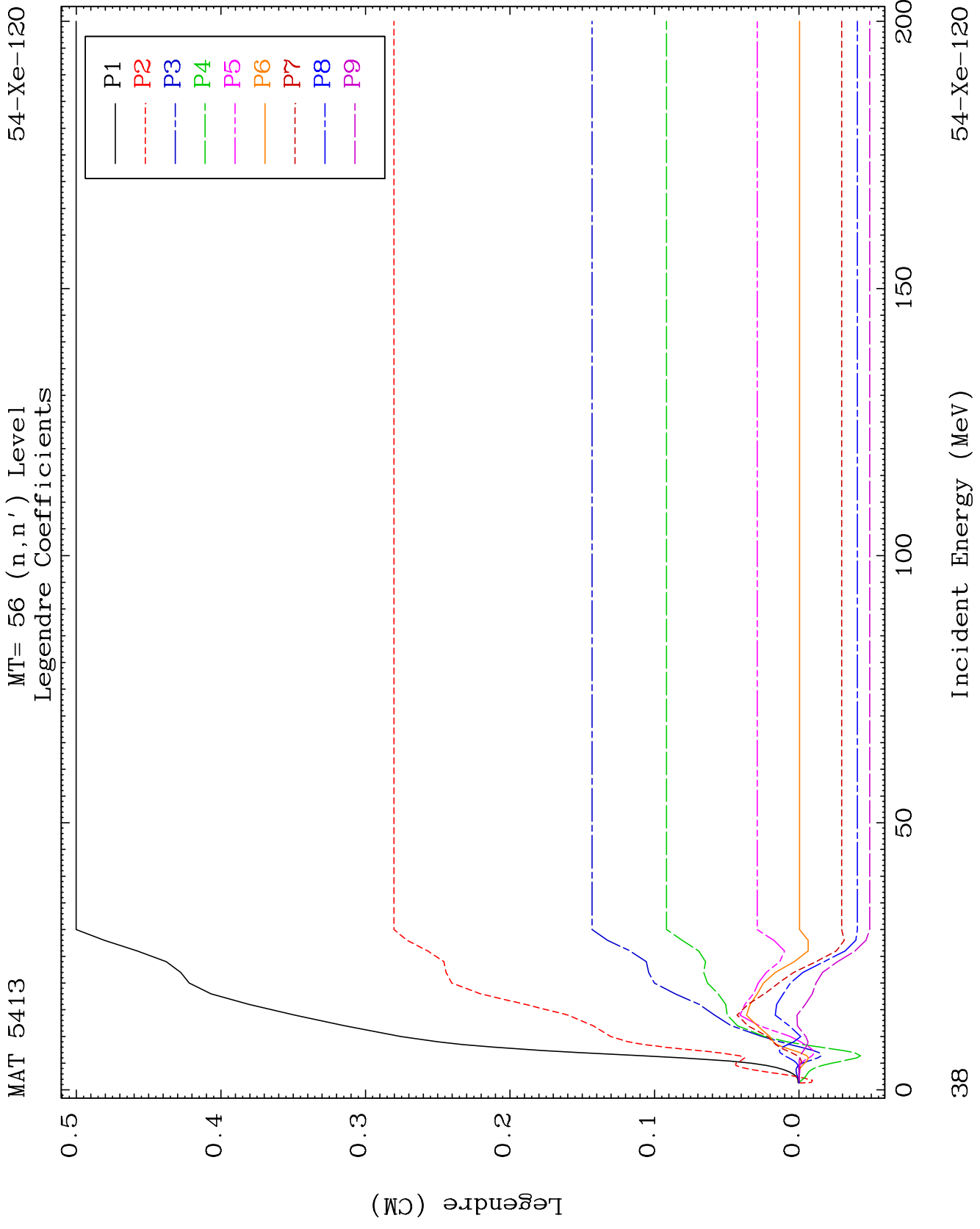
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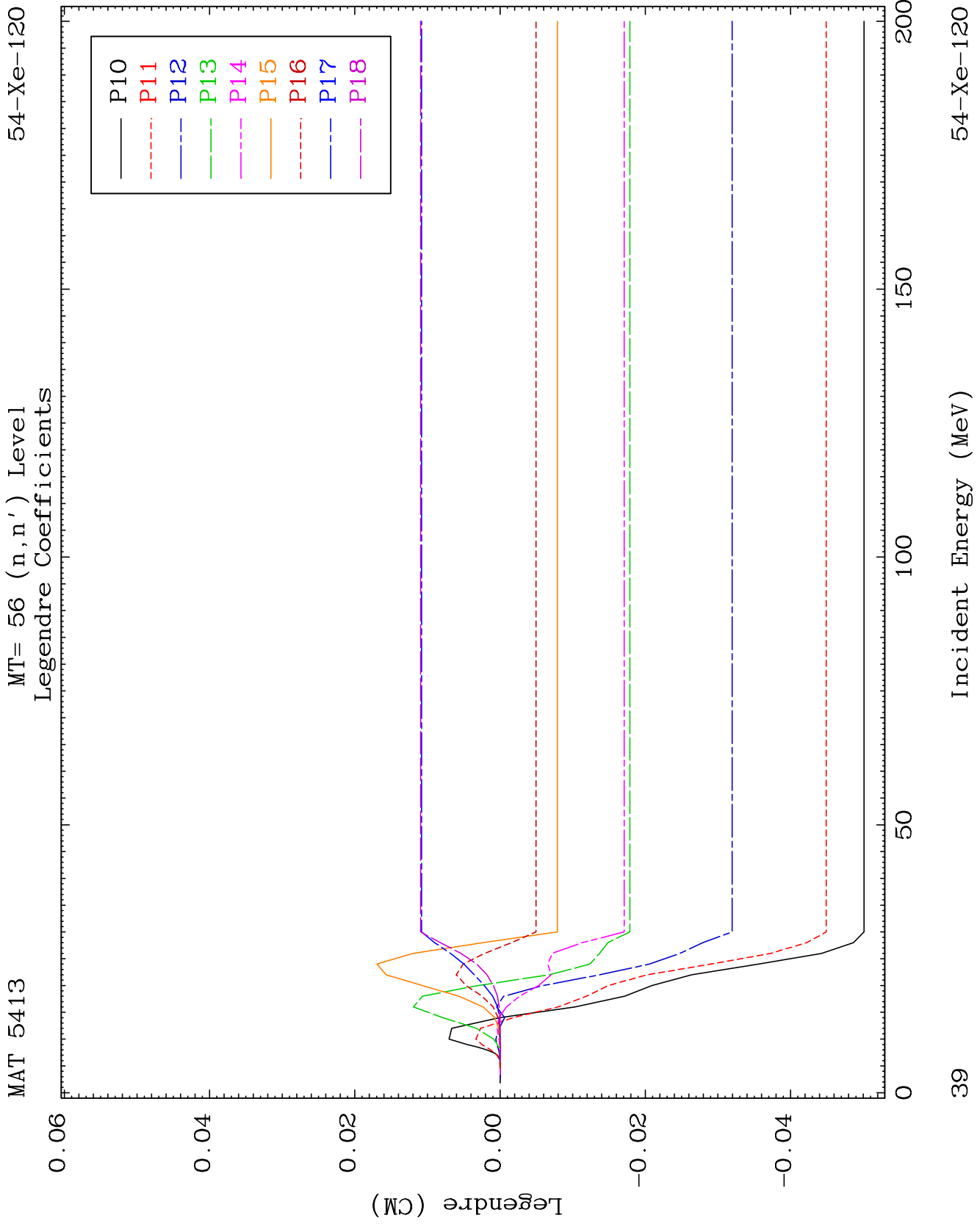


36

Incident Energy (MeV)

54-Xe-120

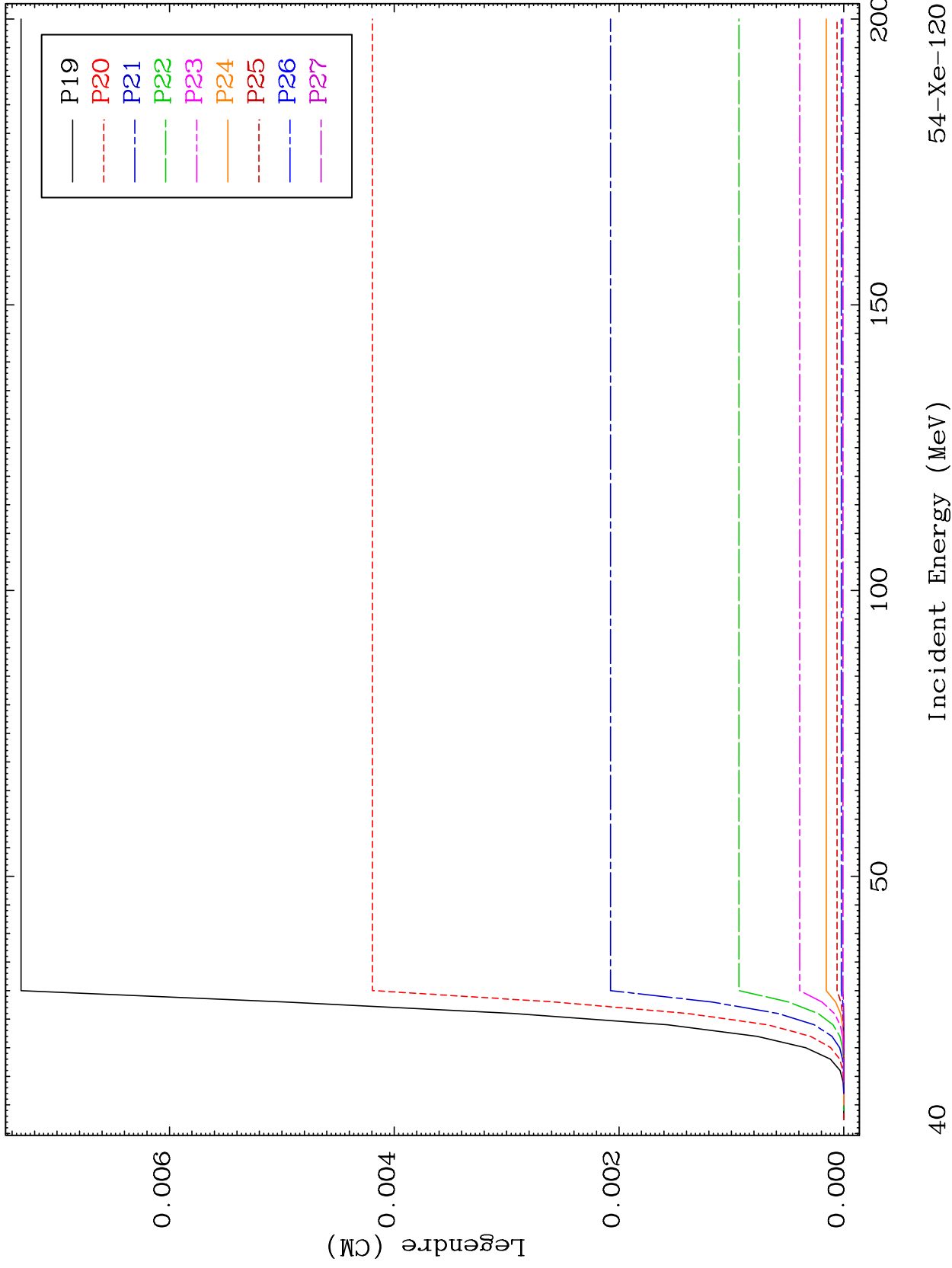




MAT 5413

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

54-Xe-120



54-Xe-120

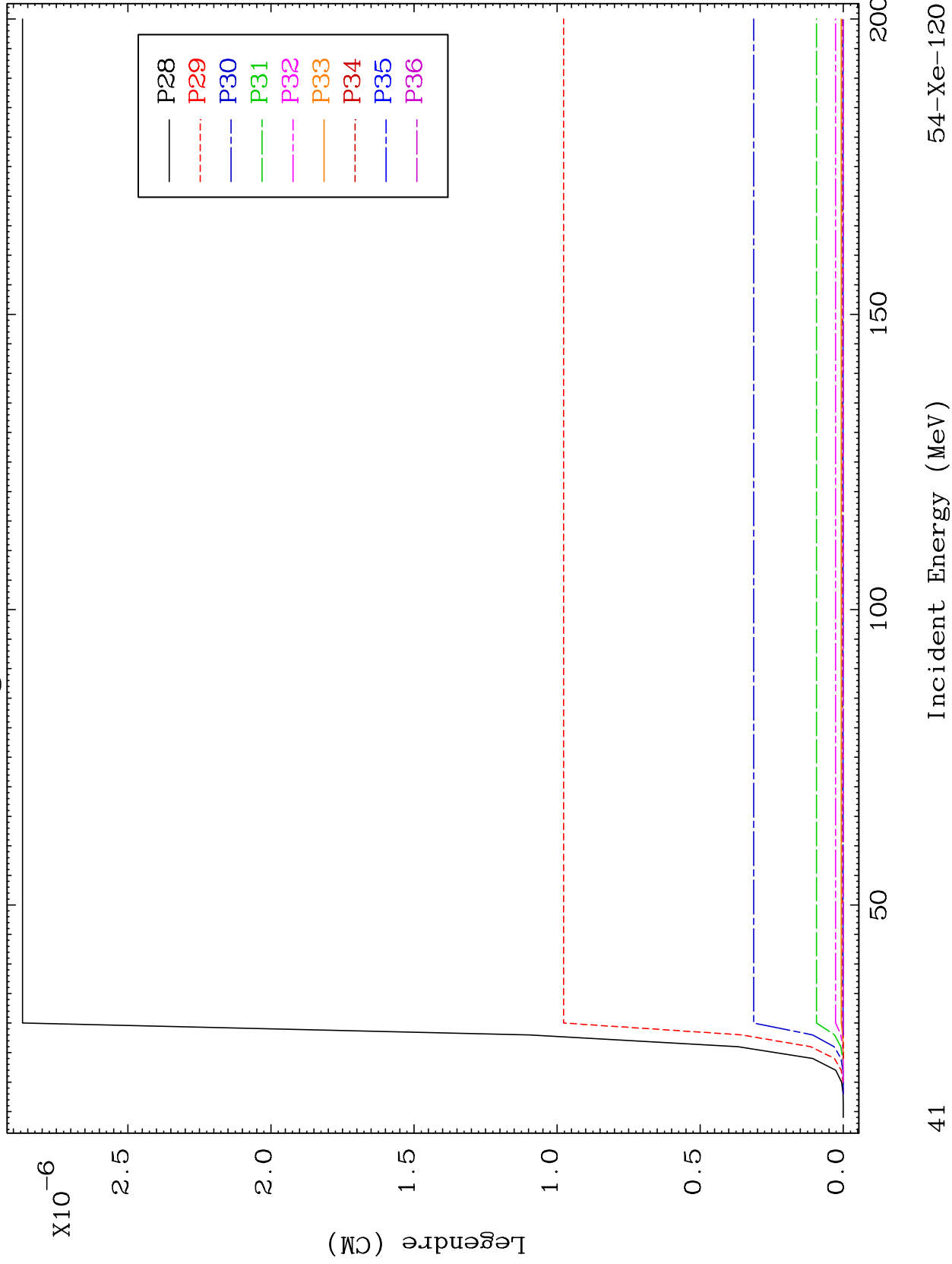
Incident Energy (MeV)

40

MAT 5413

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

54-Xe-120

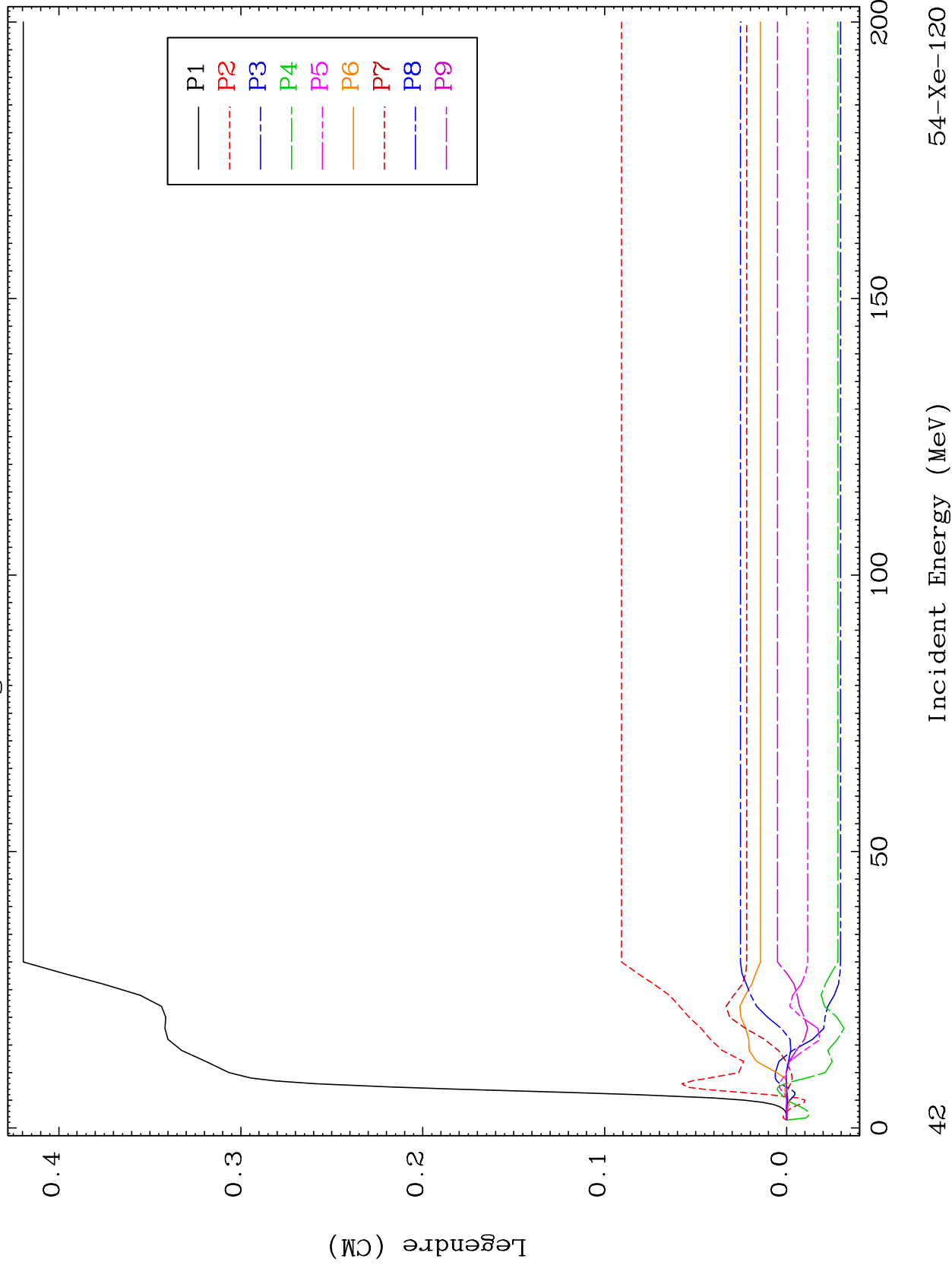


41

MAT 5413

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

54-Xe-120



42

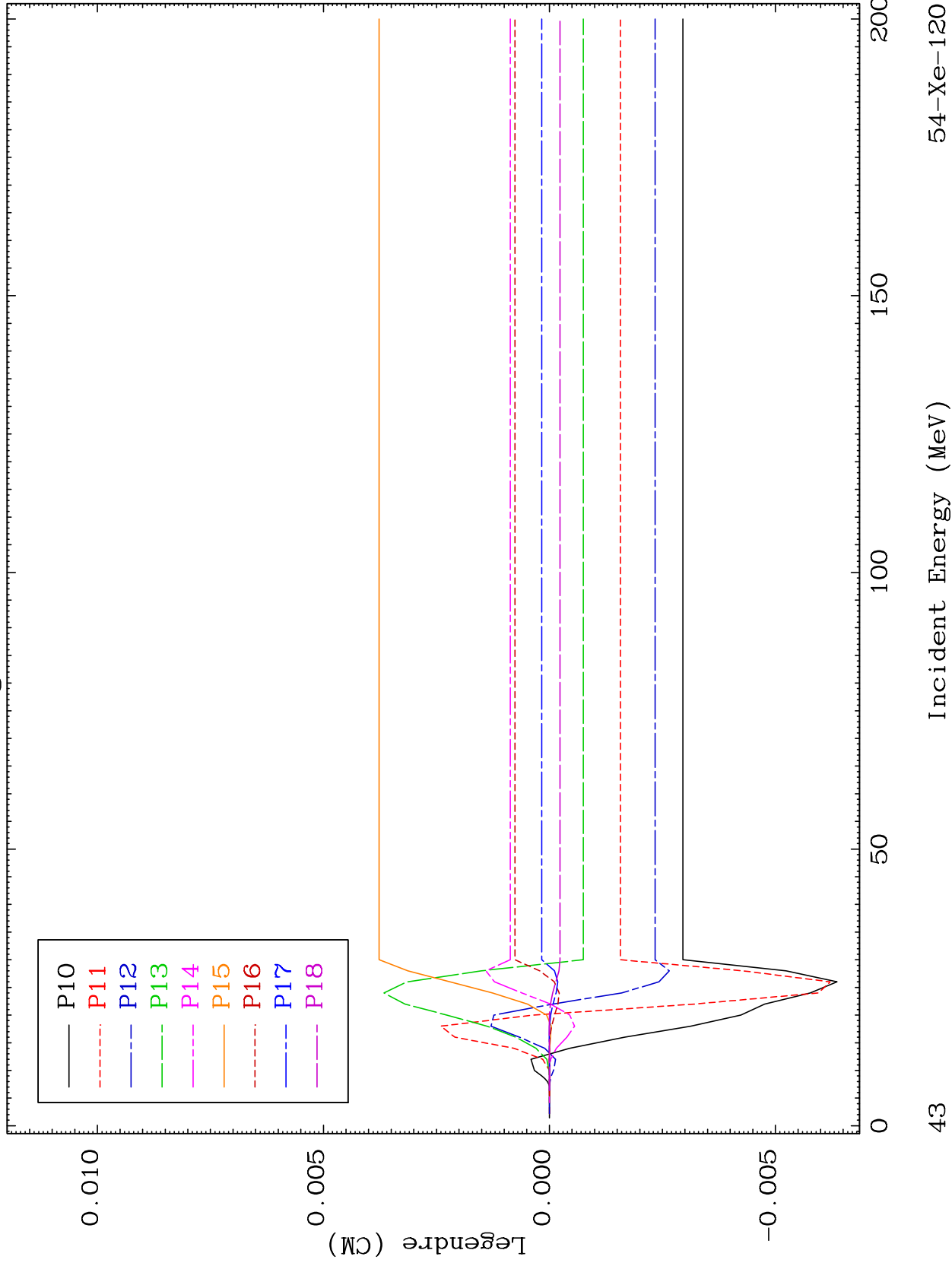
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

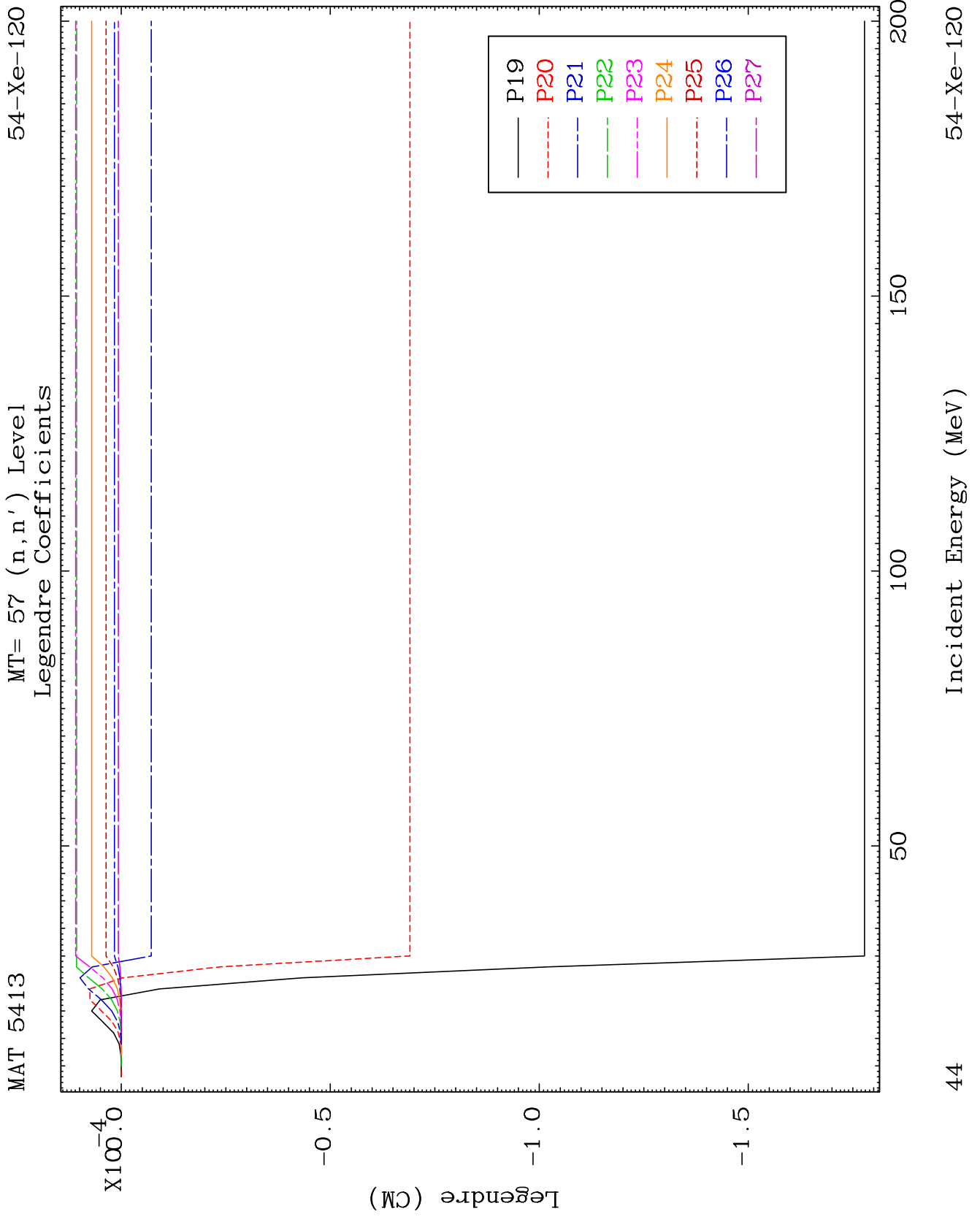
54-Xe-120



43

Incident Energy (MeV)

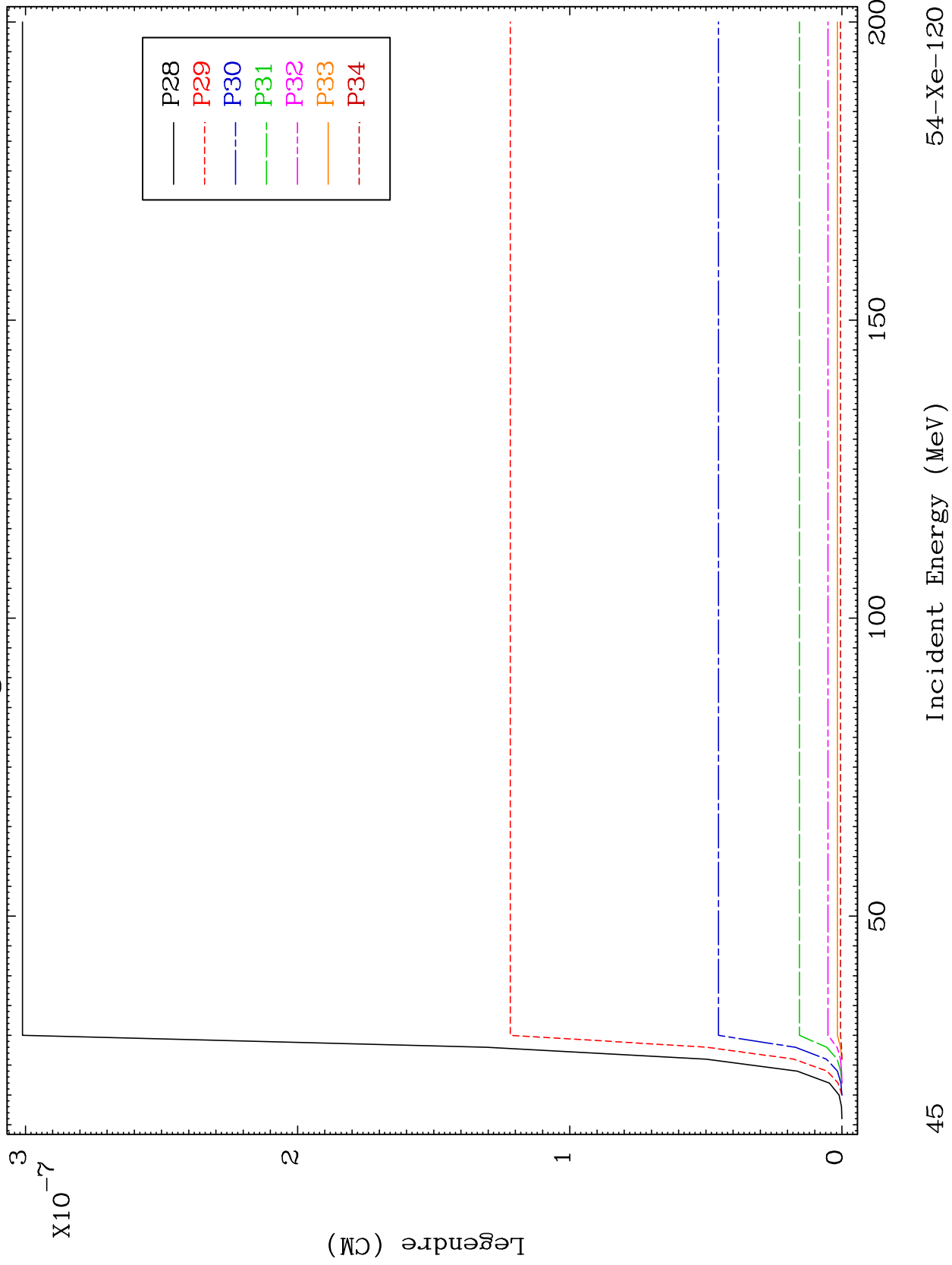
54-Xe-120



MAT 5413

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

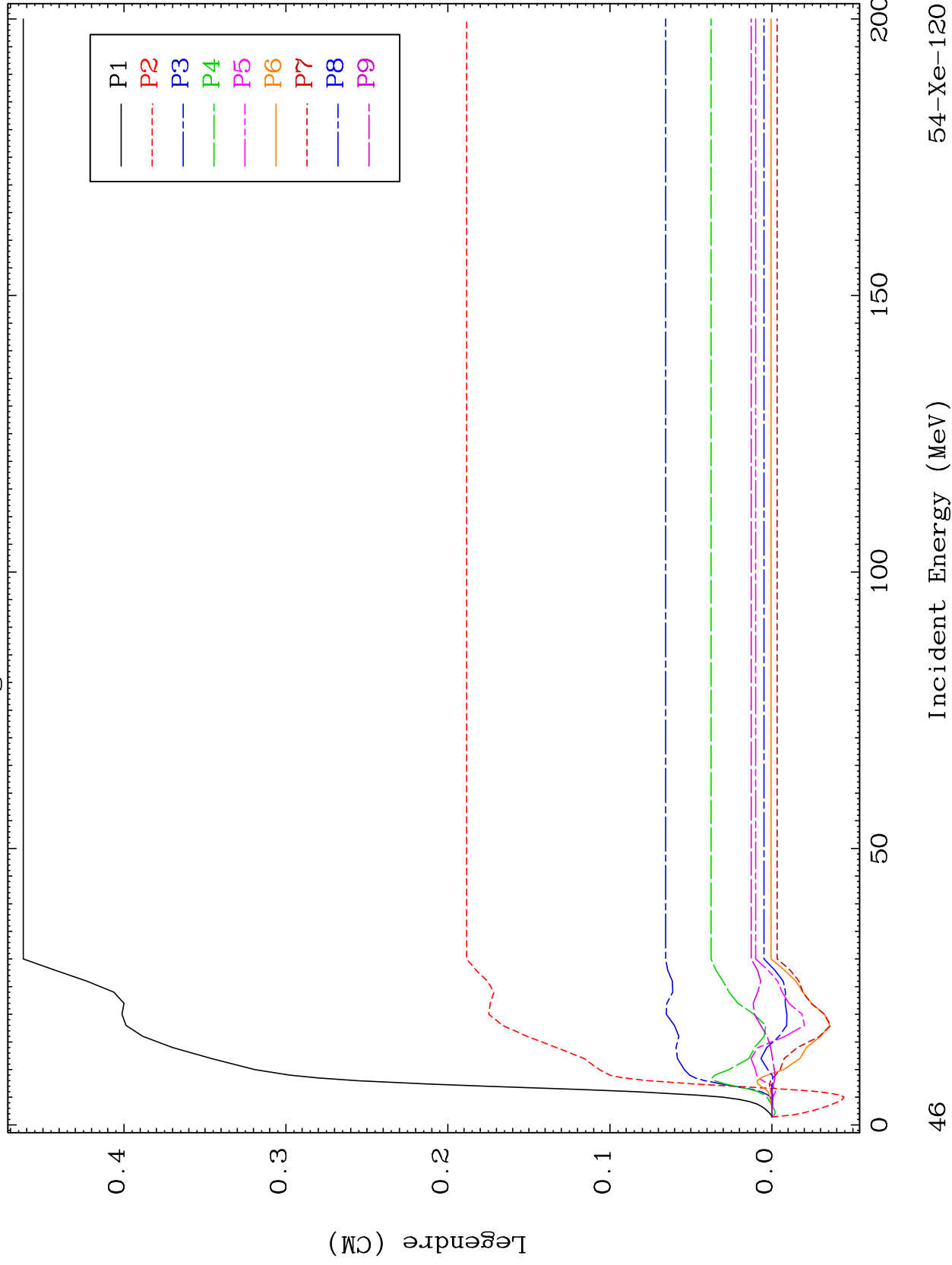
54-Xe-120



MAT 5413

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

54-Xe-120



54-Xe-120

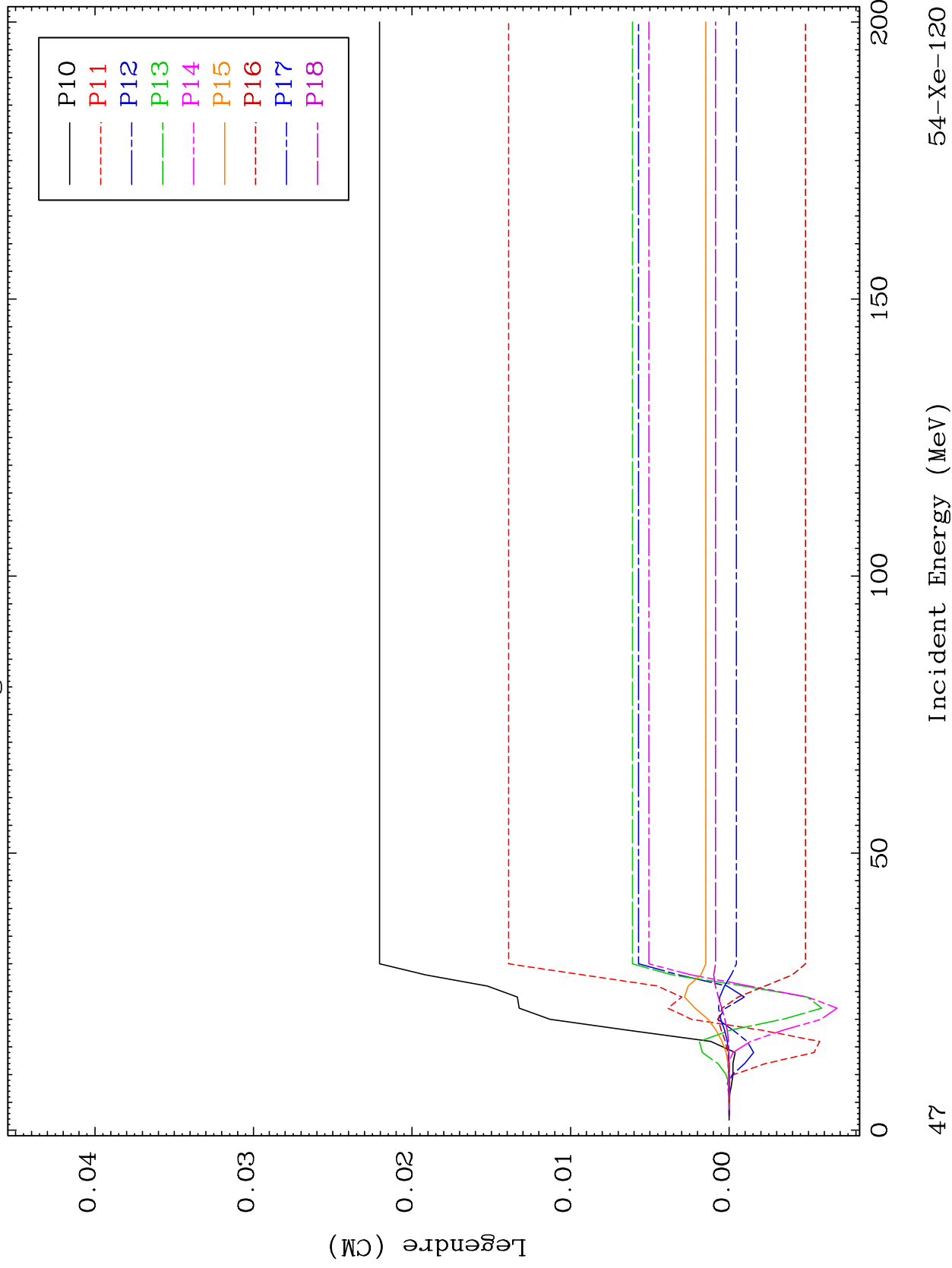
Incident Energy (MeV)

46

MAT 5413

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

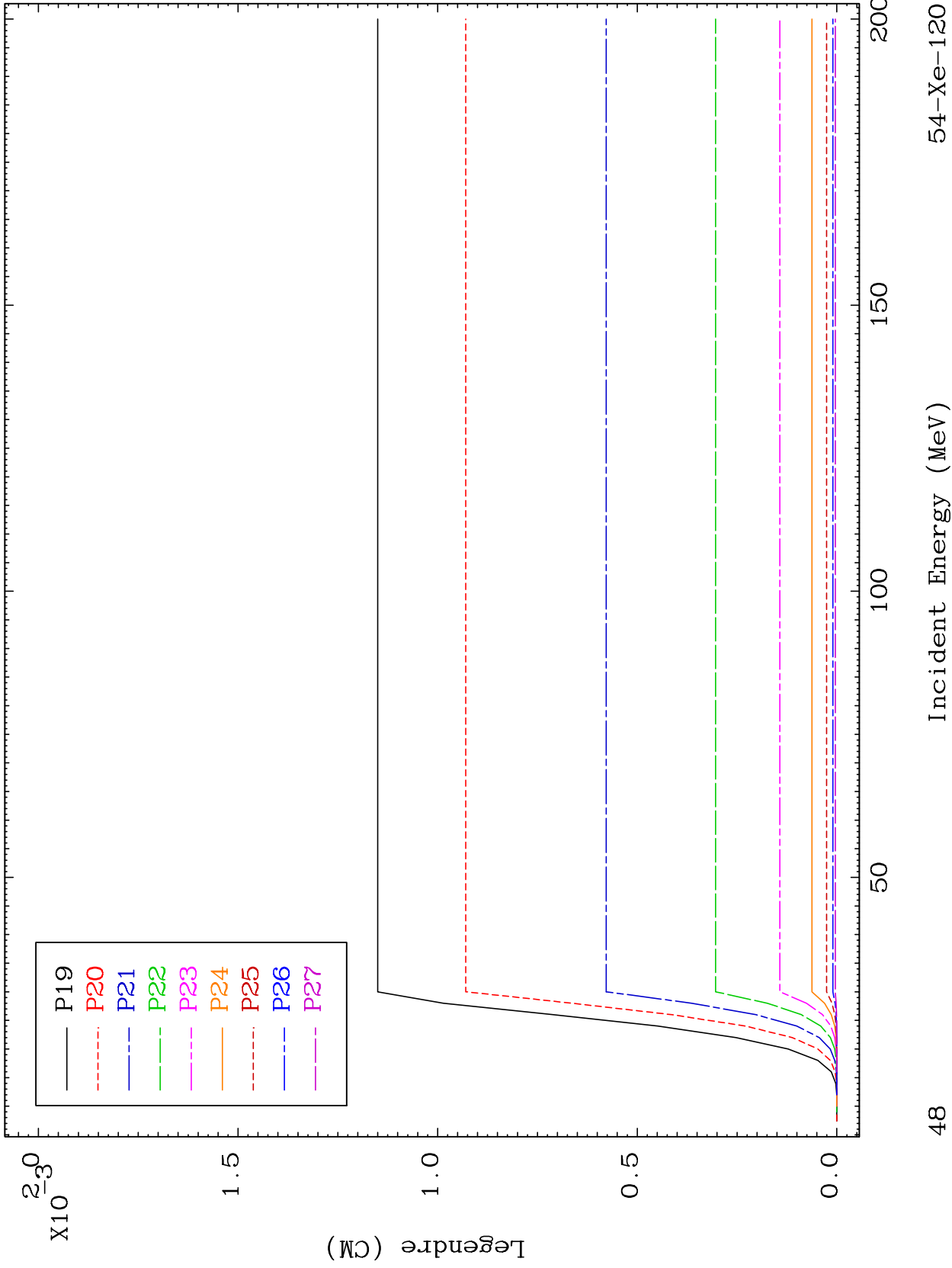
54-Xe-120



MAT 5413

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

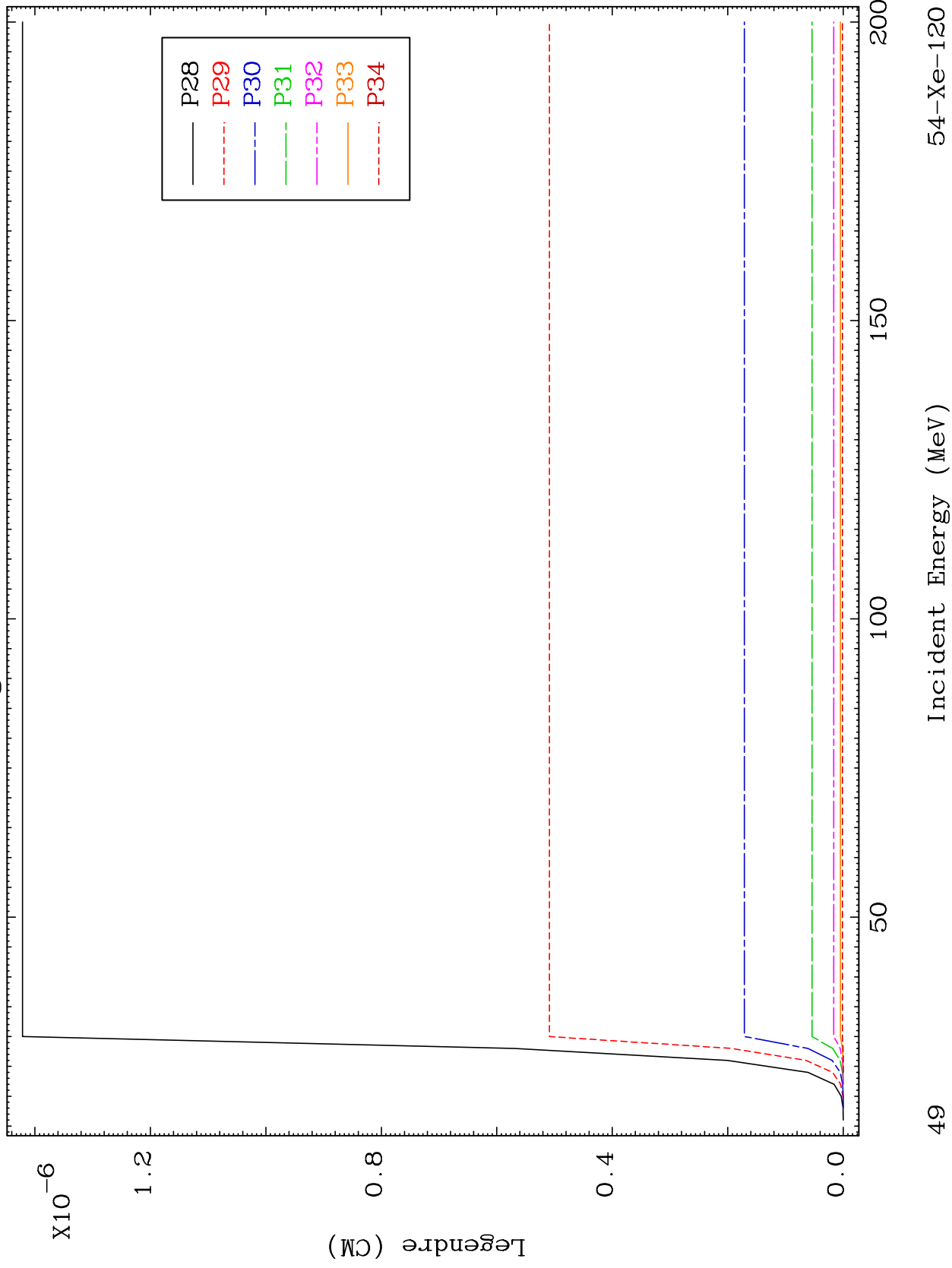
54-Xe-120



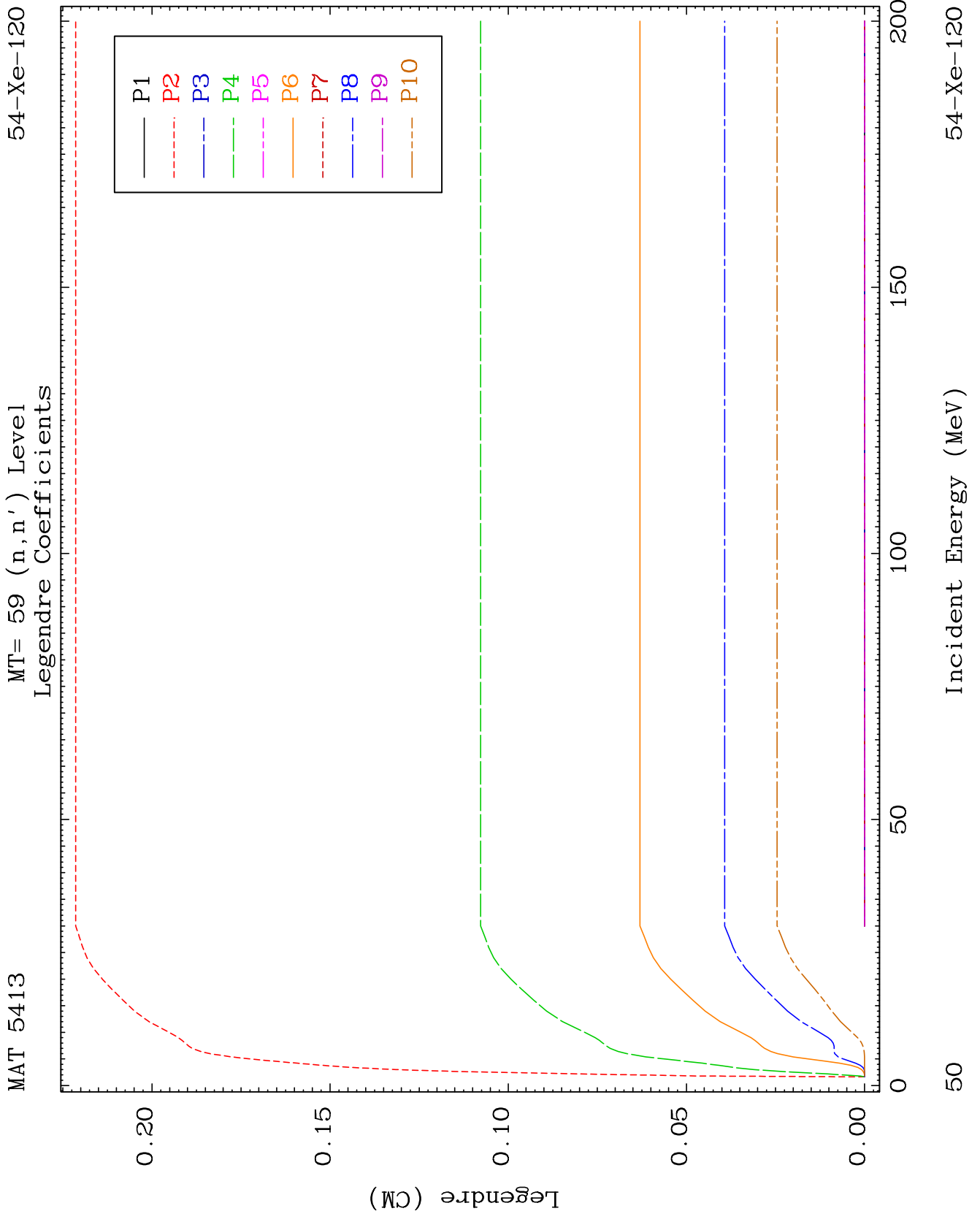
MAT 5413

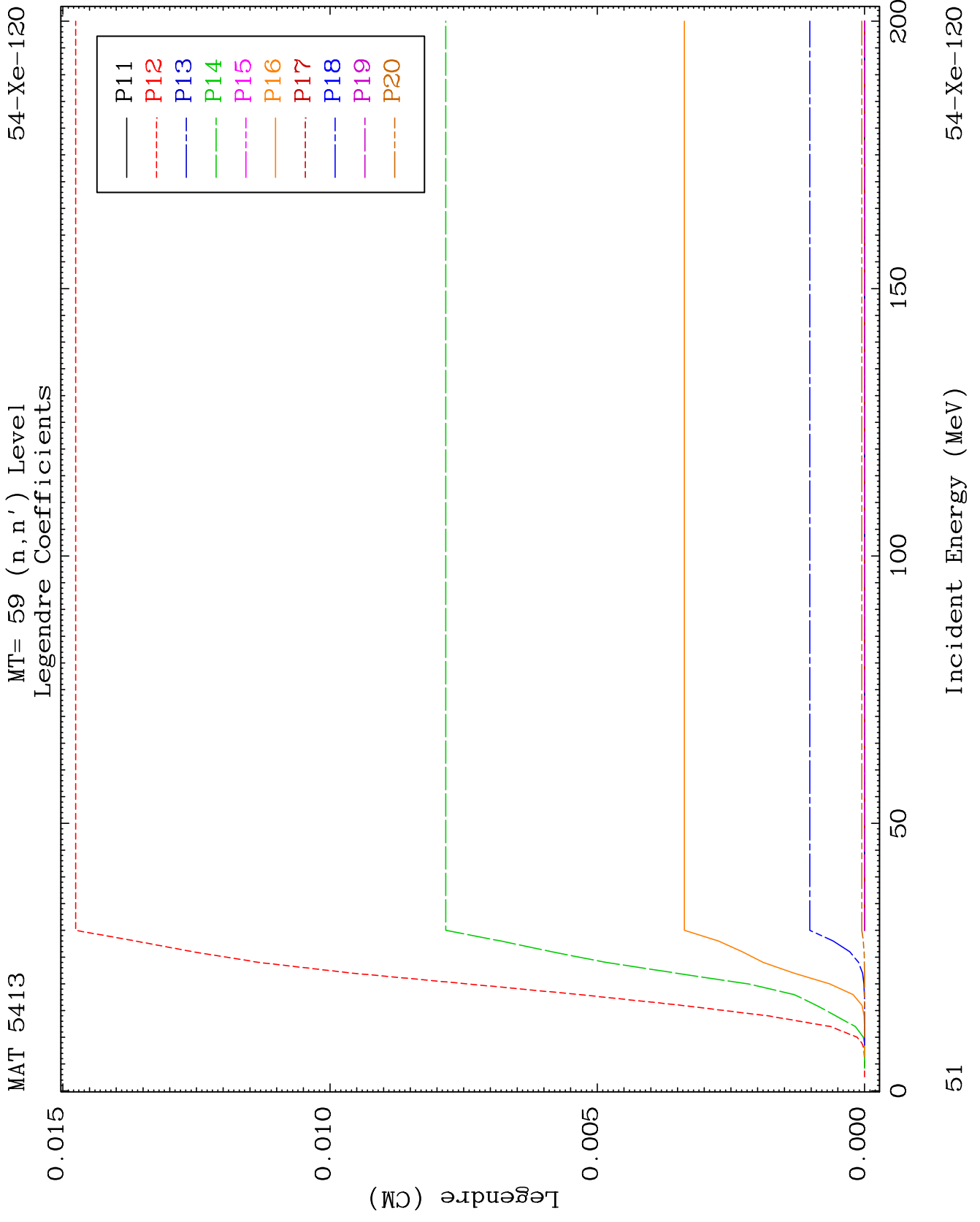
MT= 58 (n,n') Level
Legendre Coefficients

54-Xe-120



49

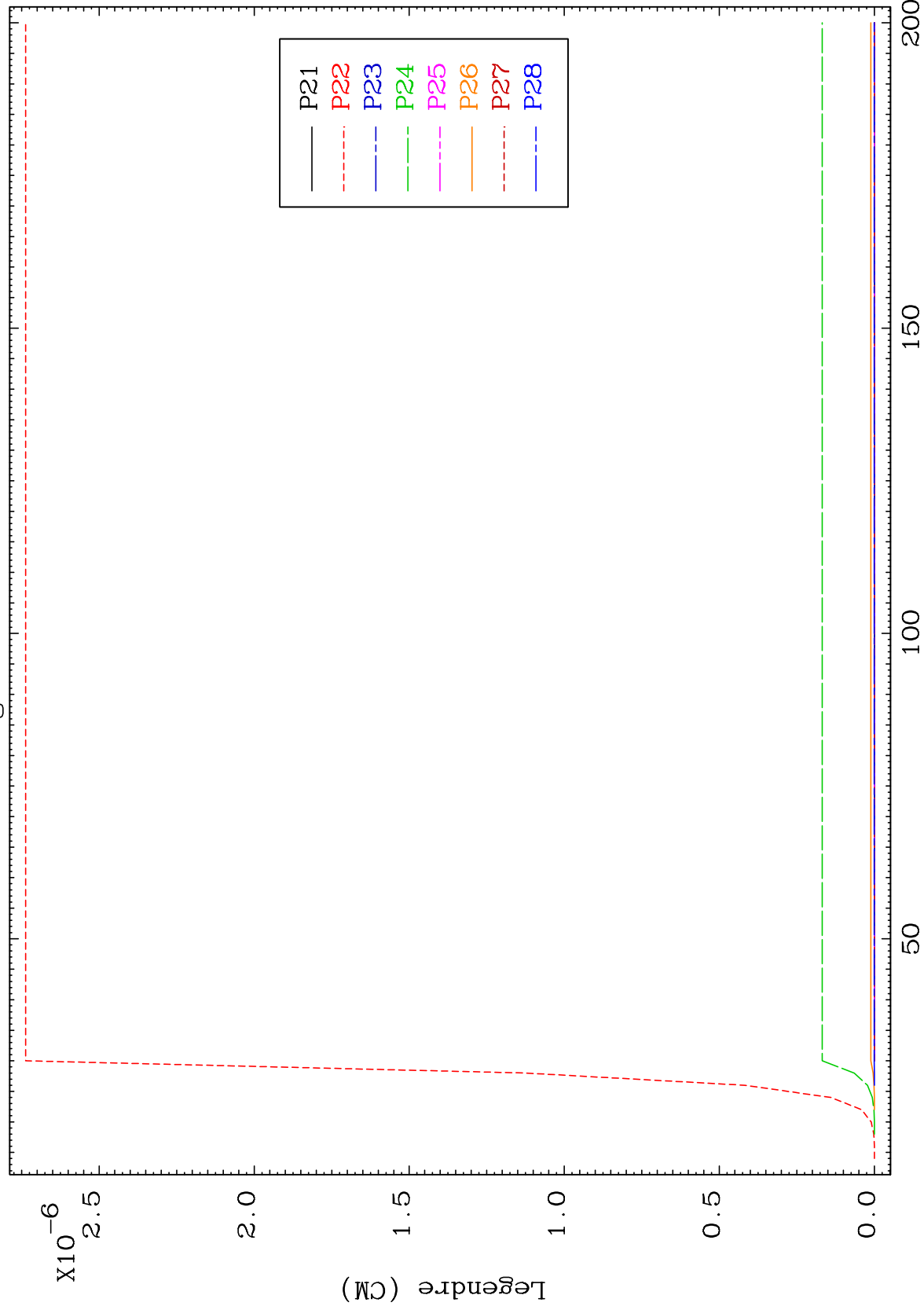




MAT 5413

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

54-Xe-120



52

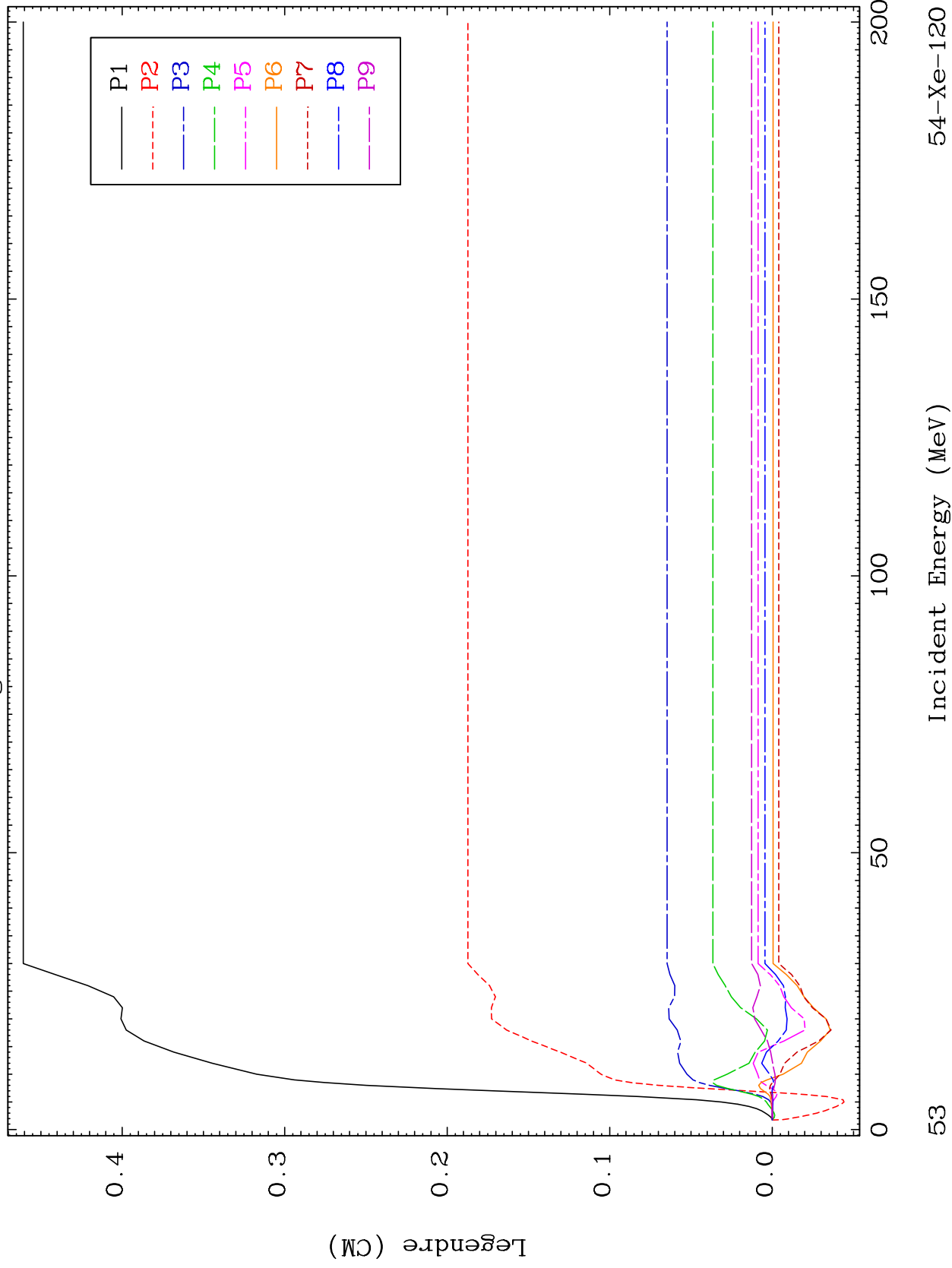
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



54-Xe-120

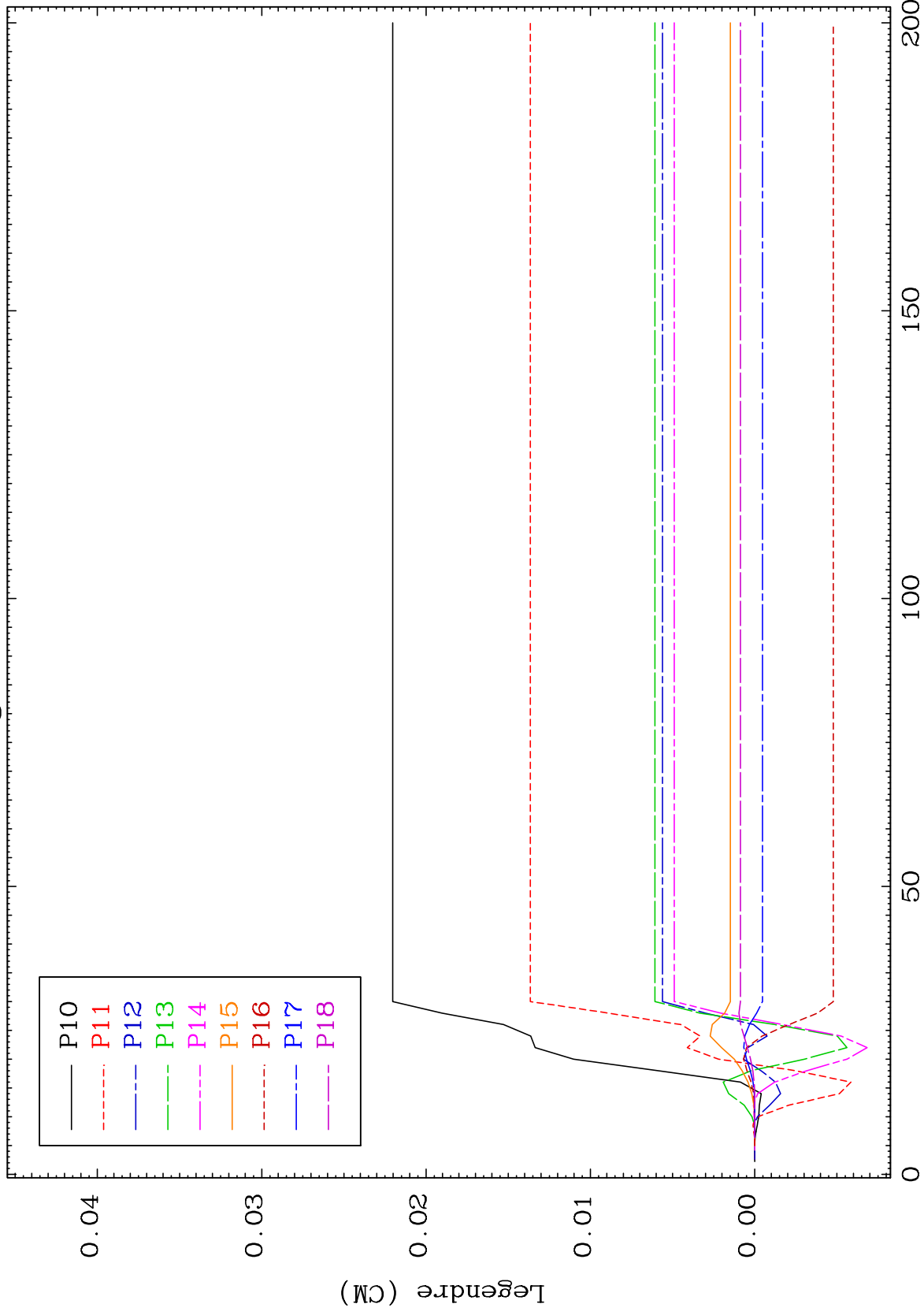
Incident Energy (MeV)

53

MAT 5413

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

54-Xe-120



54

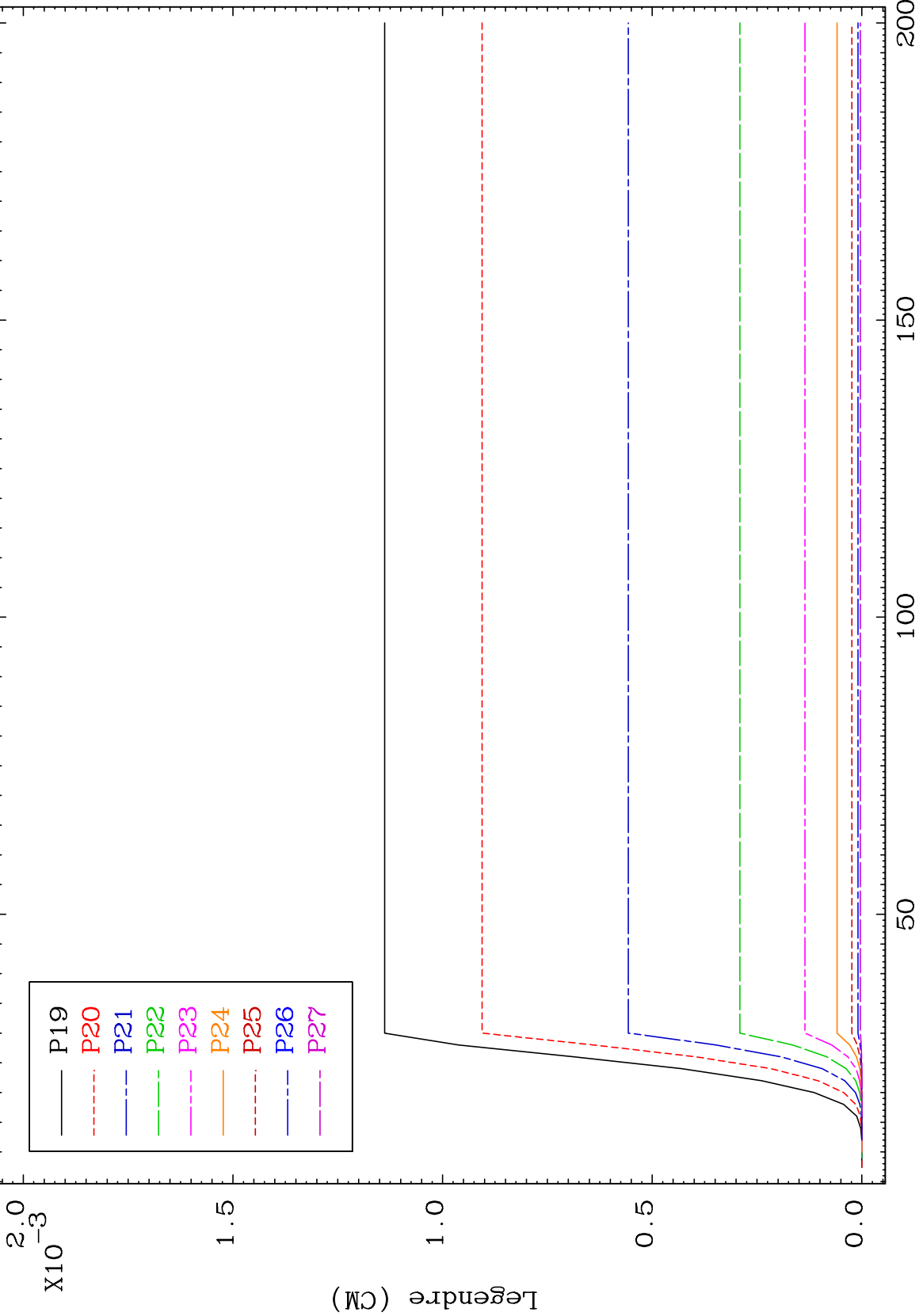
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



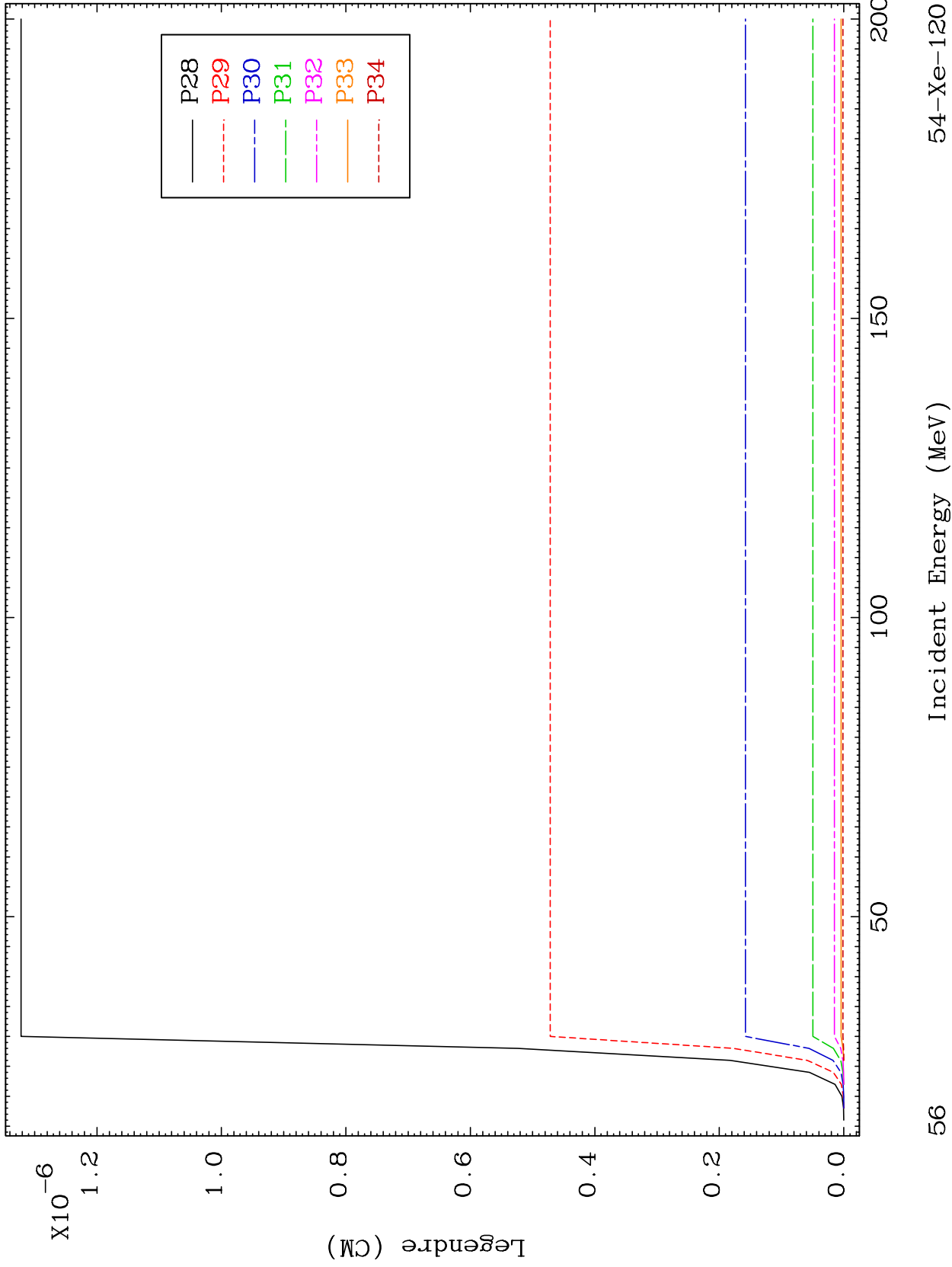
55

54-Xe-120

MAT 5413

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

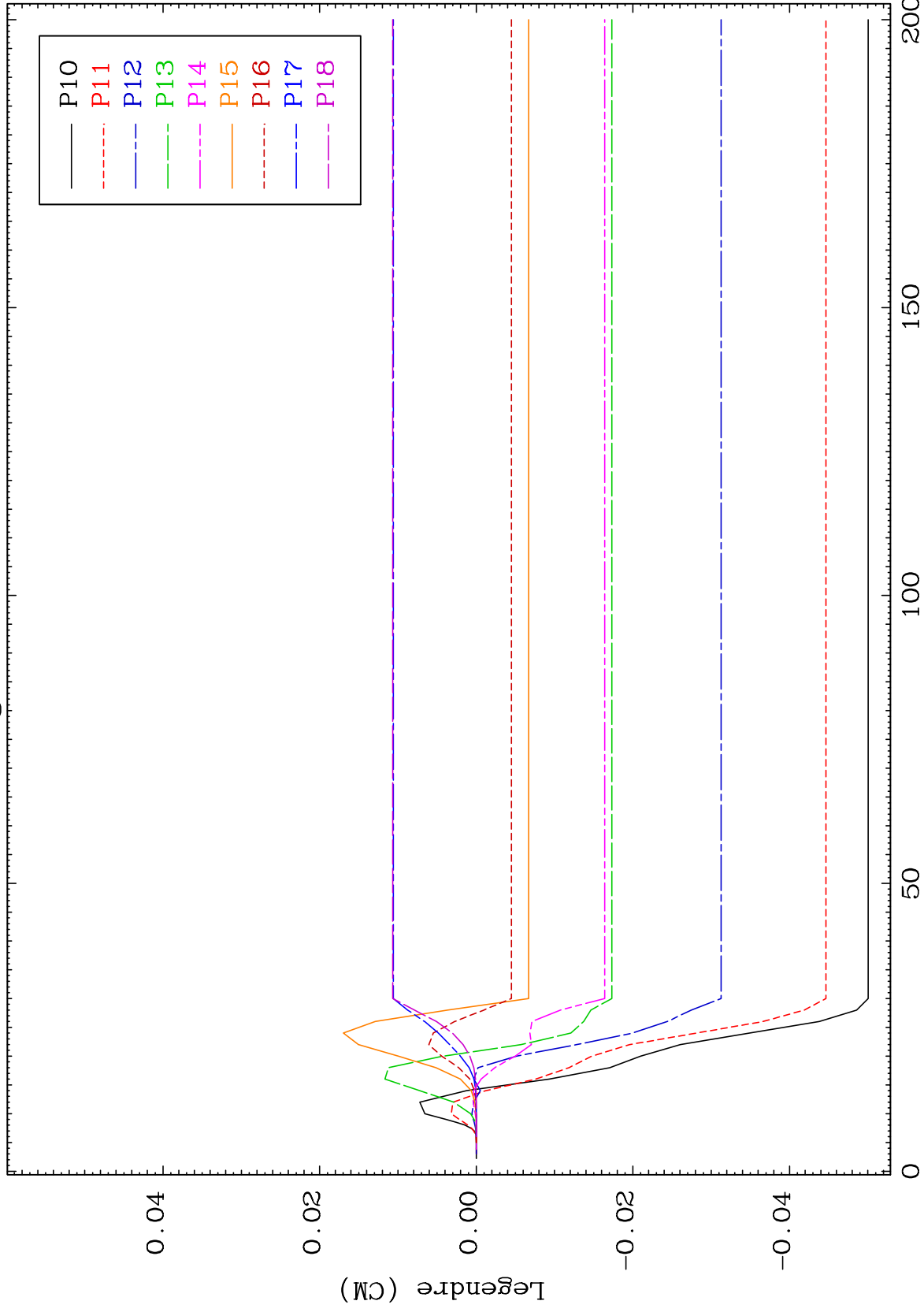
54-Xe-120



MAT 5413

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

54-Xe-120



58

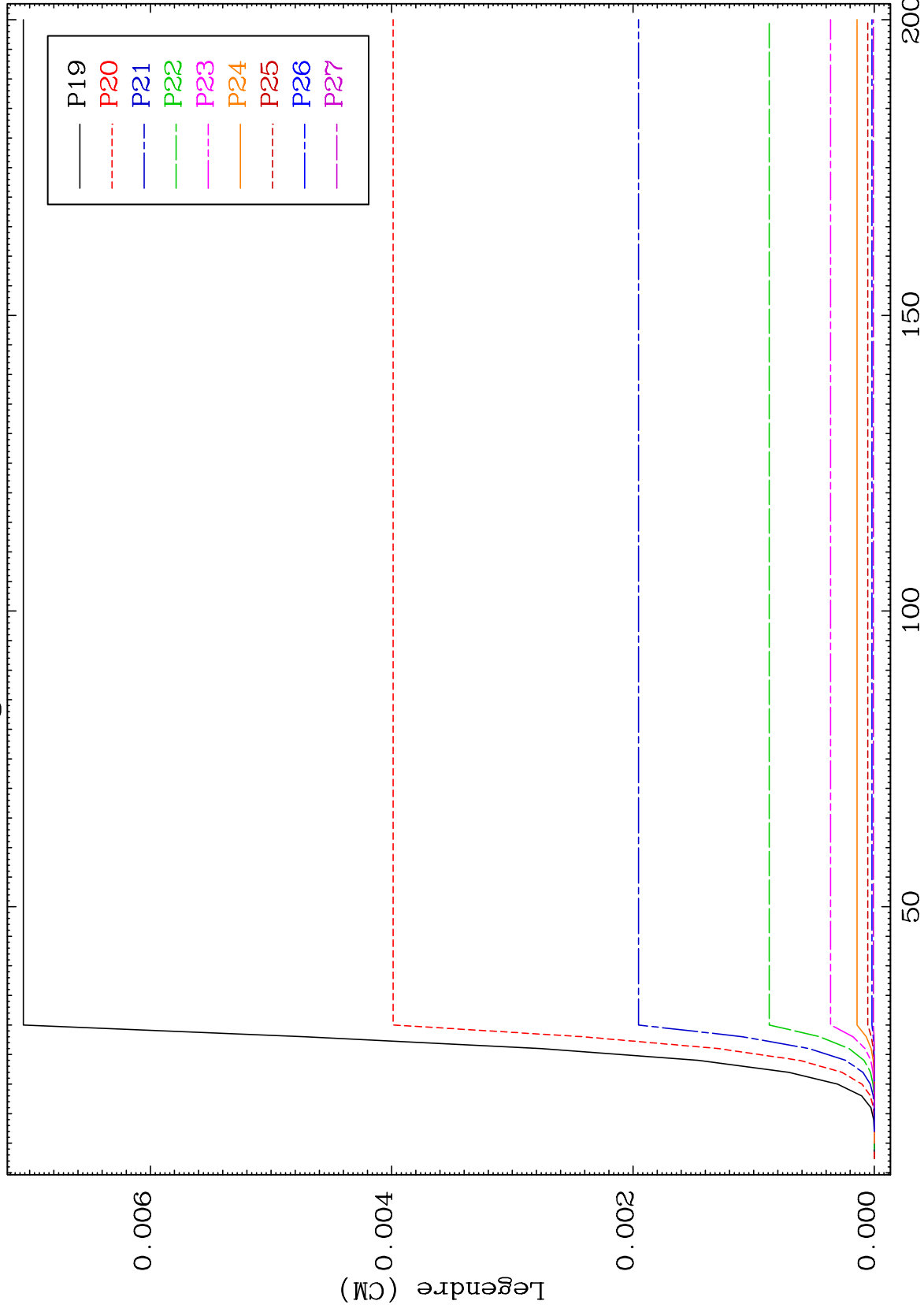
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



59

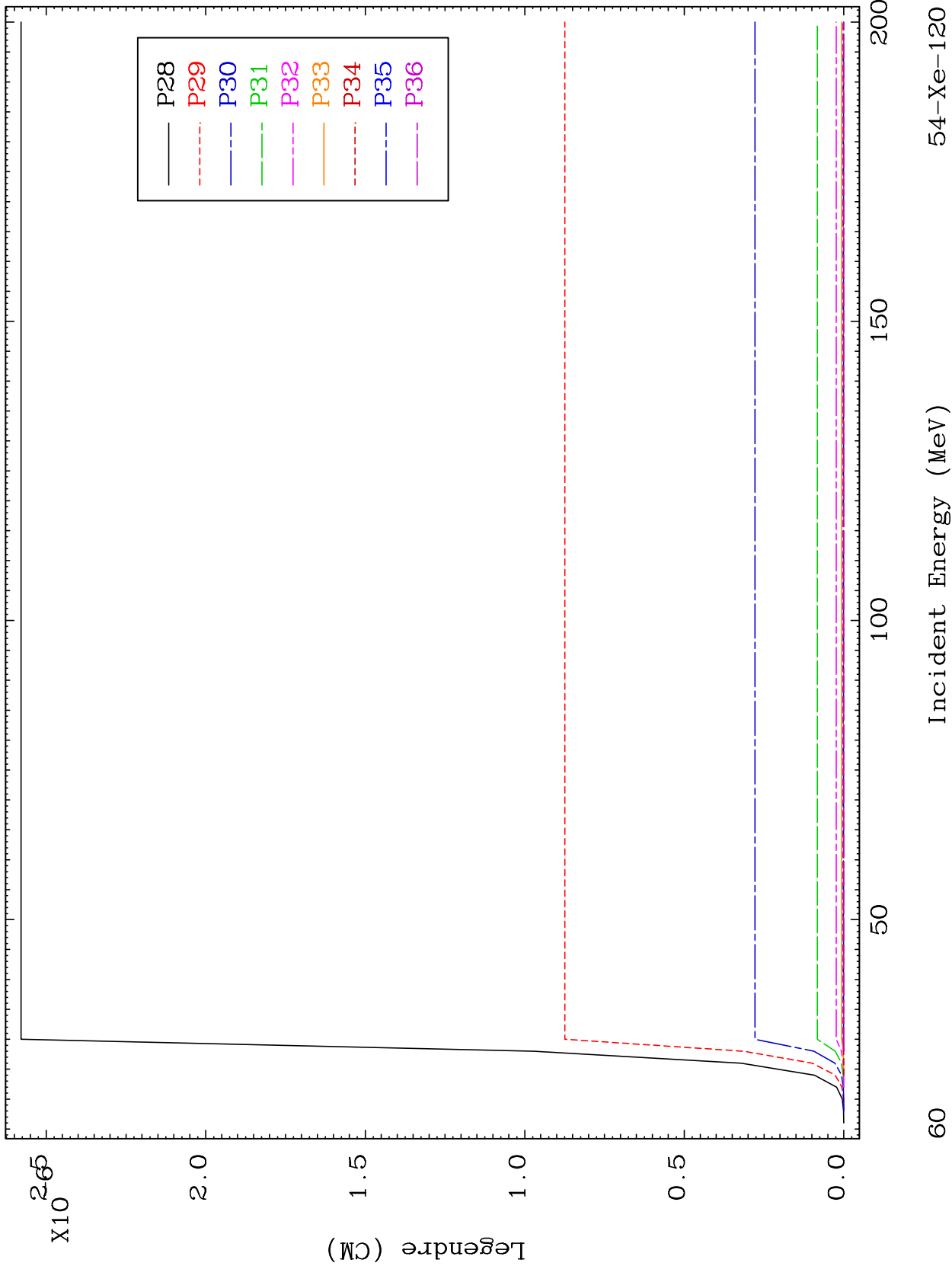
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



60

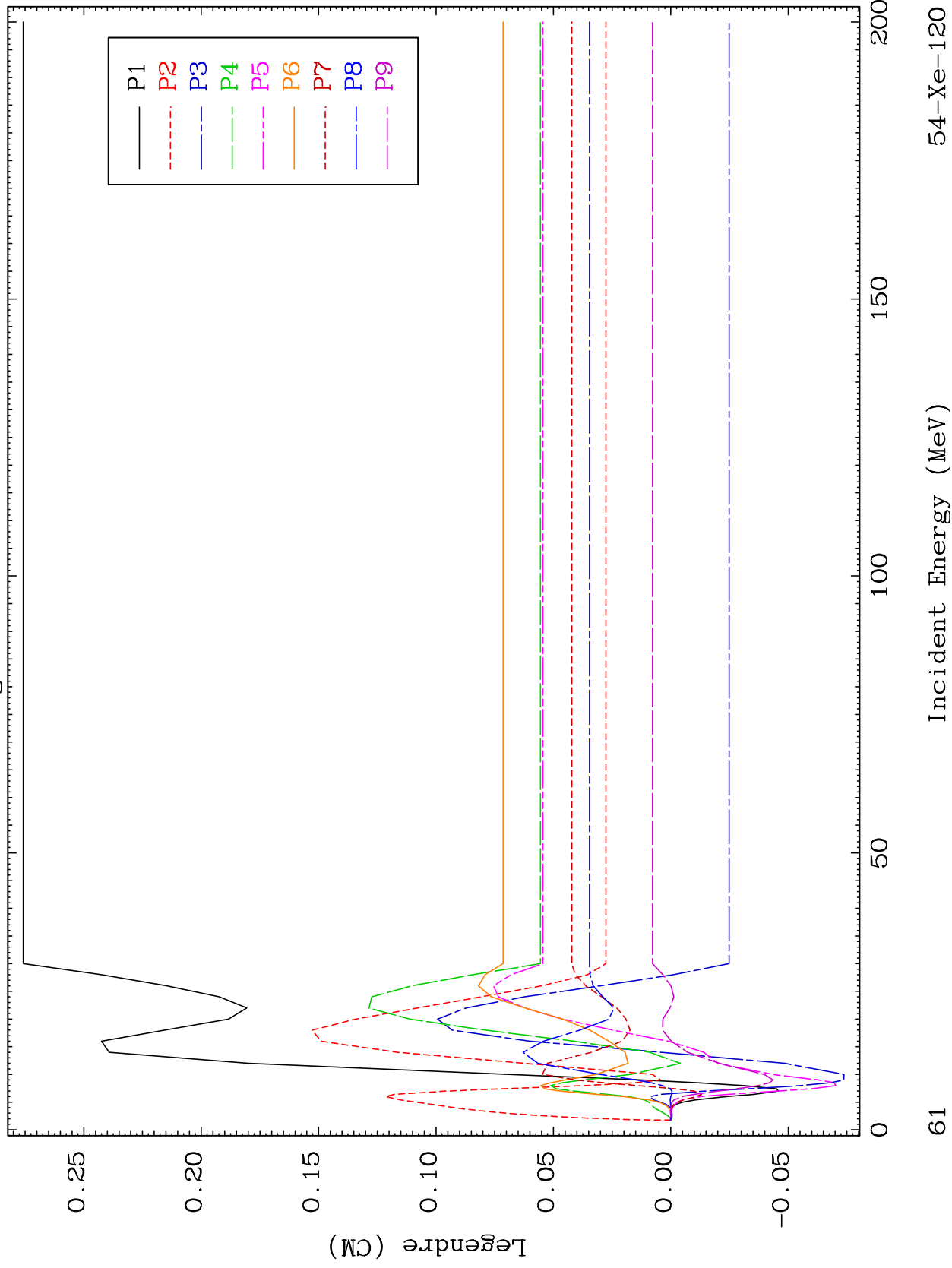
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



54-Xe-120

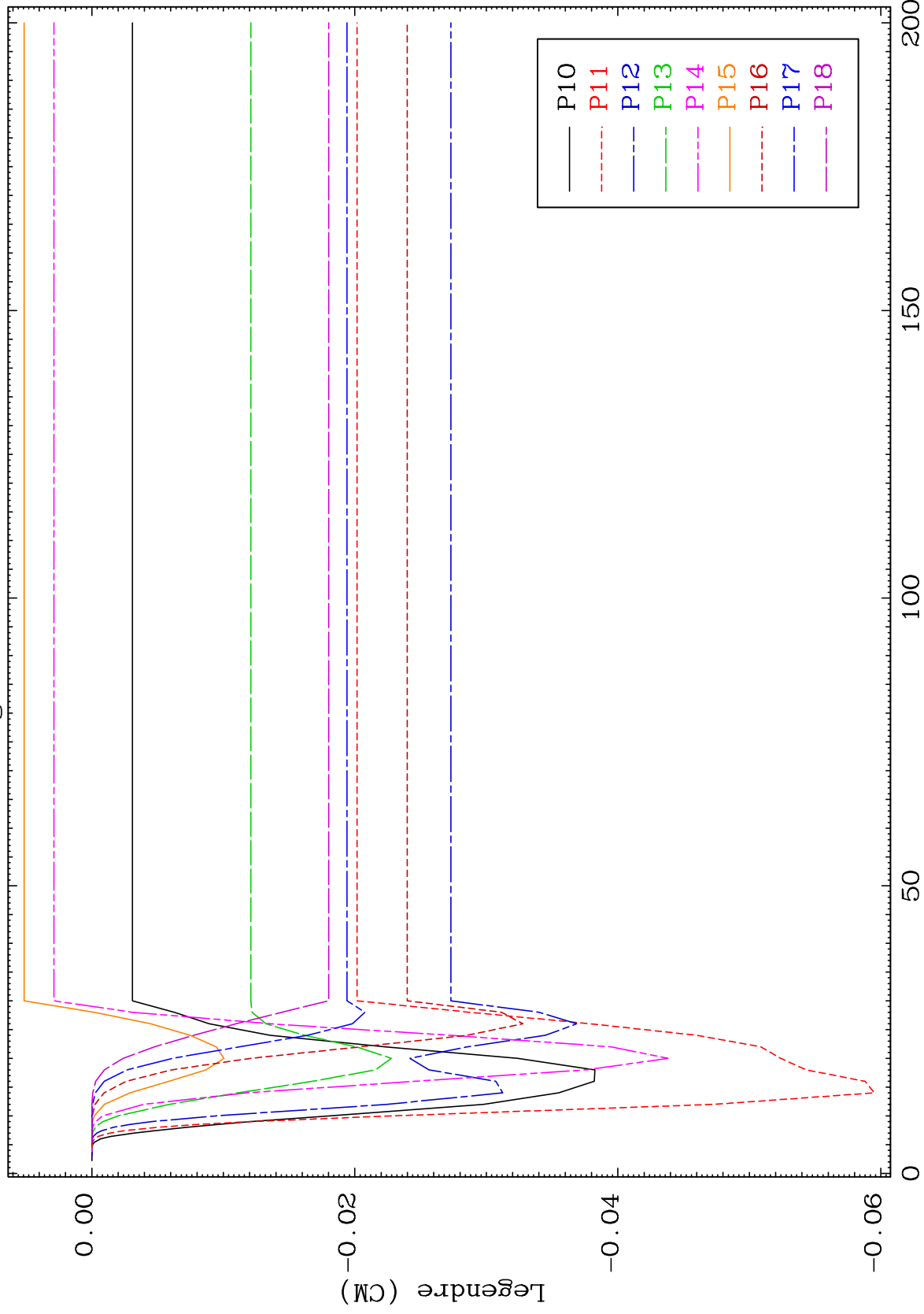
Incident Energy (MeV)

61

MAT 5413

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

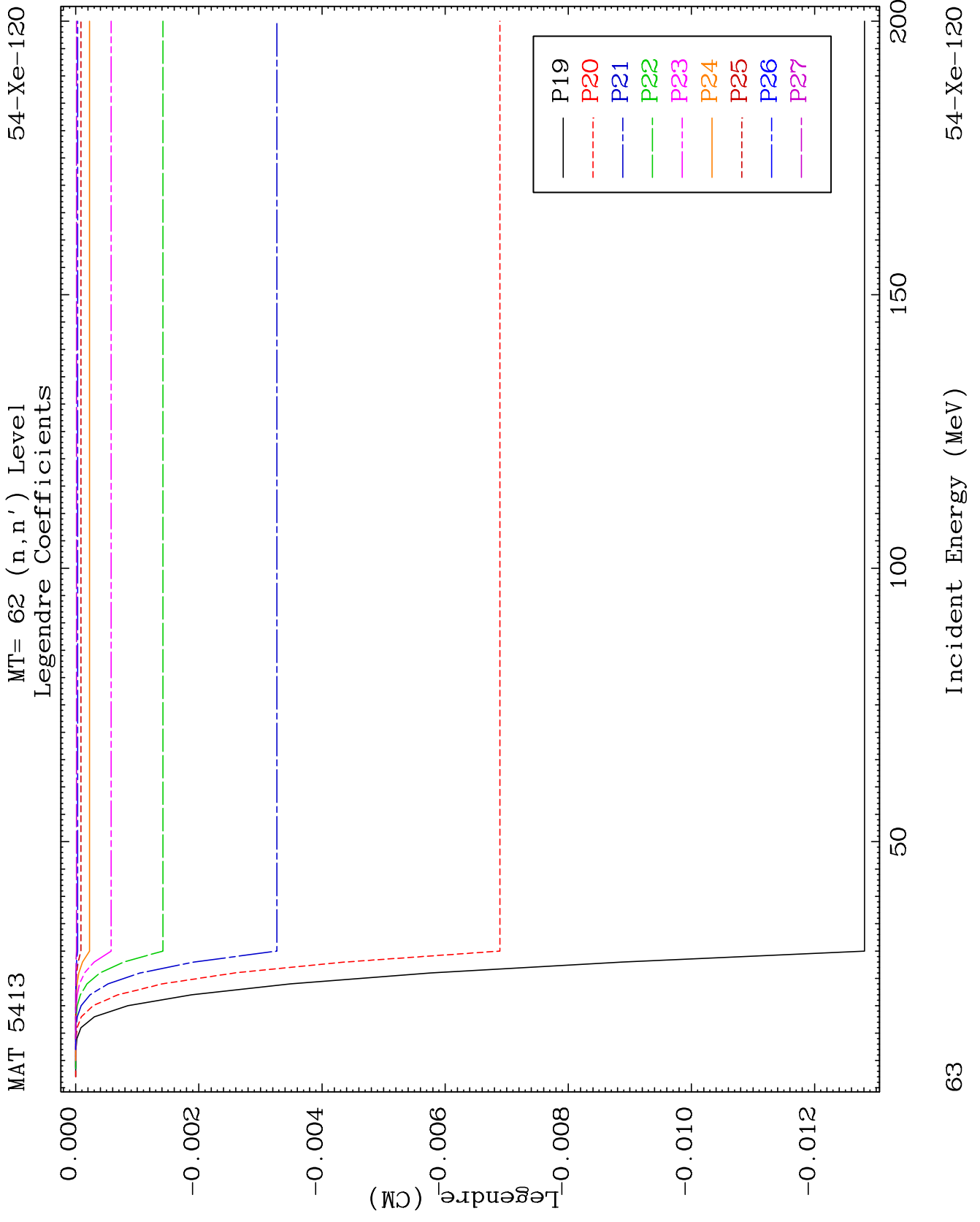
54-Xe-120



62

Incident Energy (MeV)

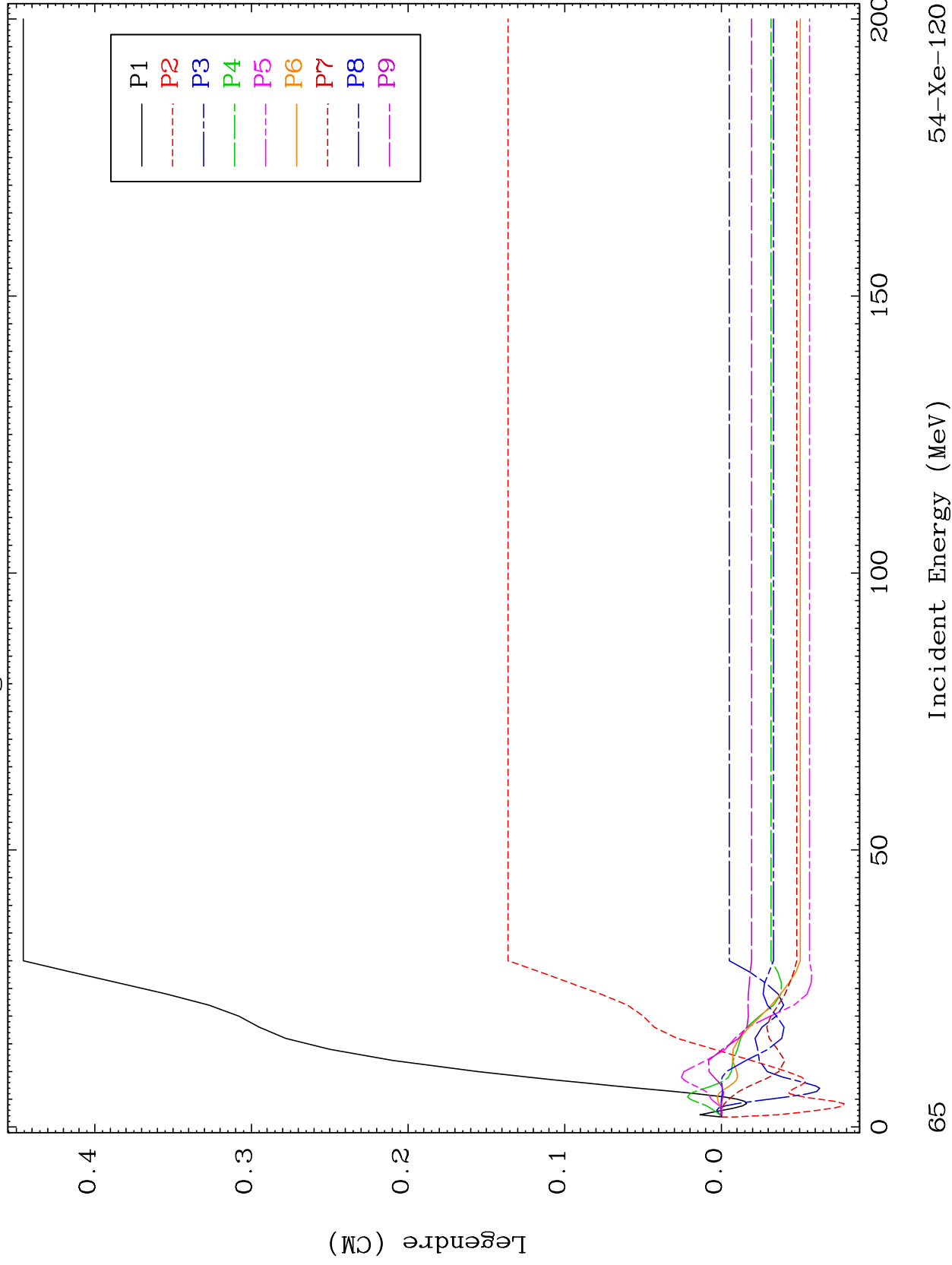
54-Xe-120



MAT 5413

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

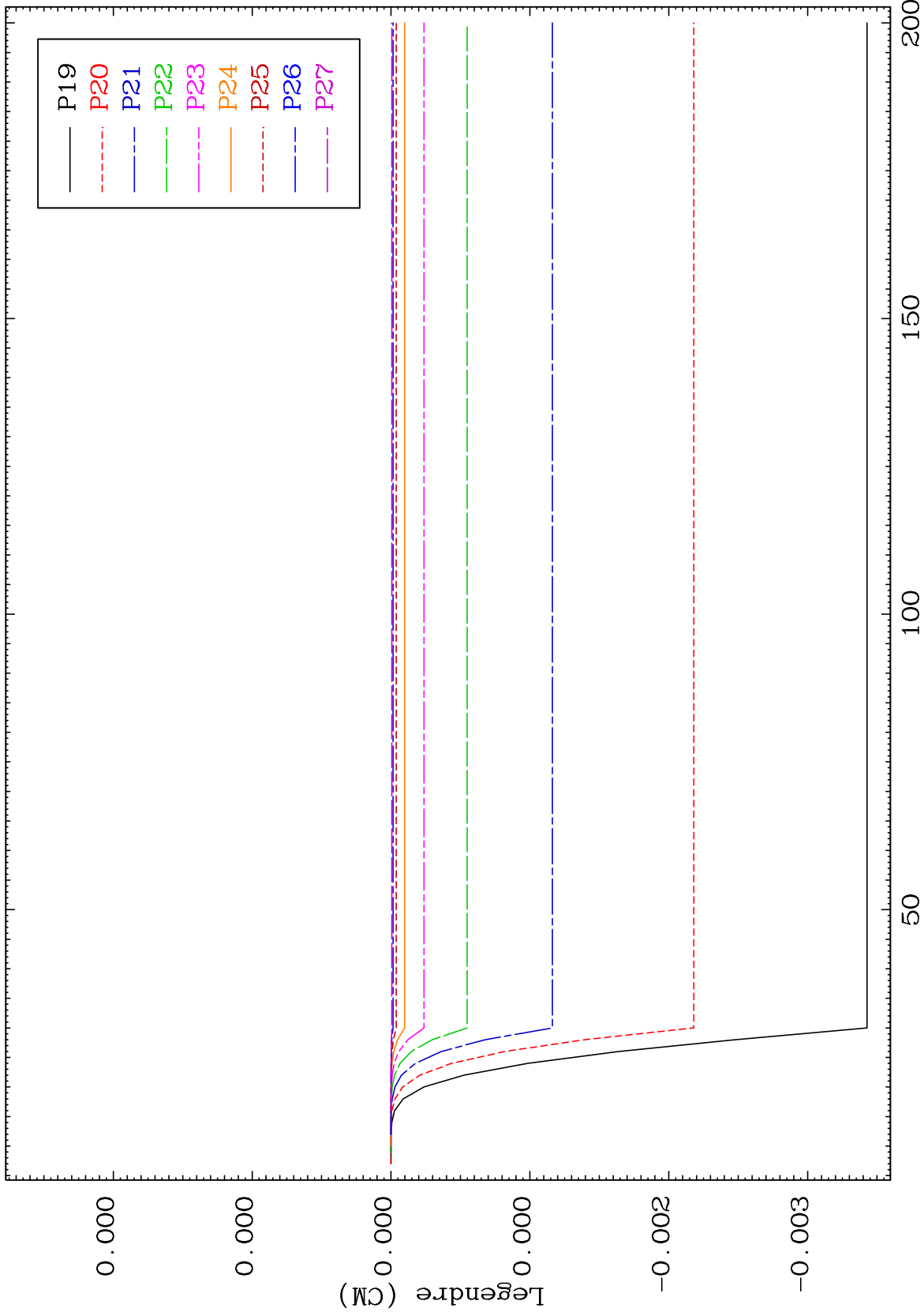
54-Xe-120



MAT 5413

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

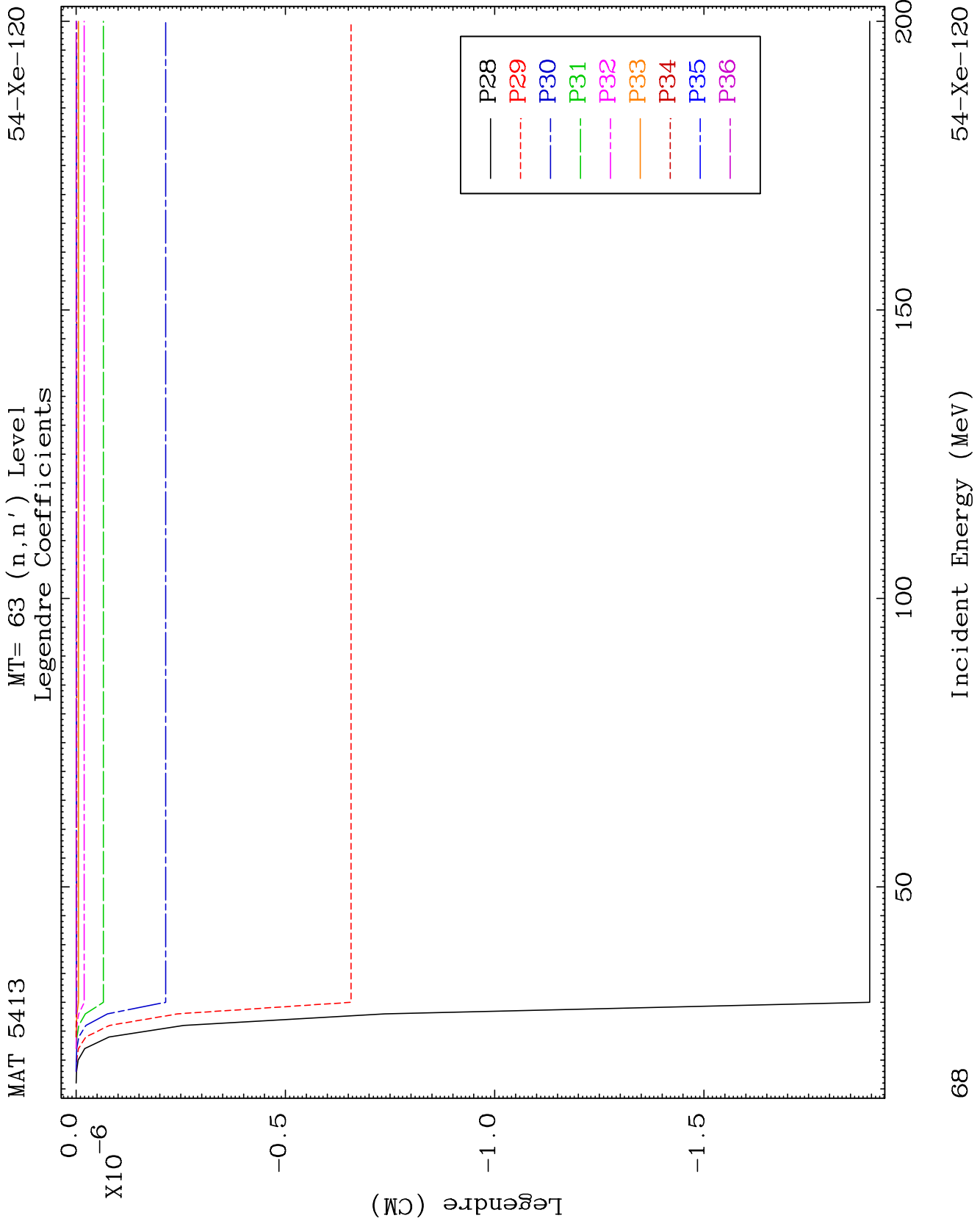
54-Xe-120



67

Incident Energy (MeV)

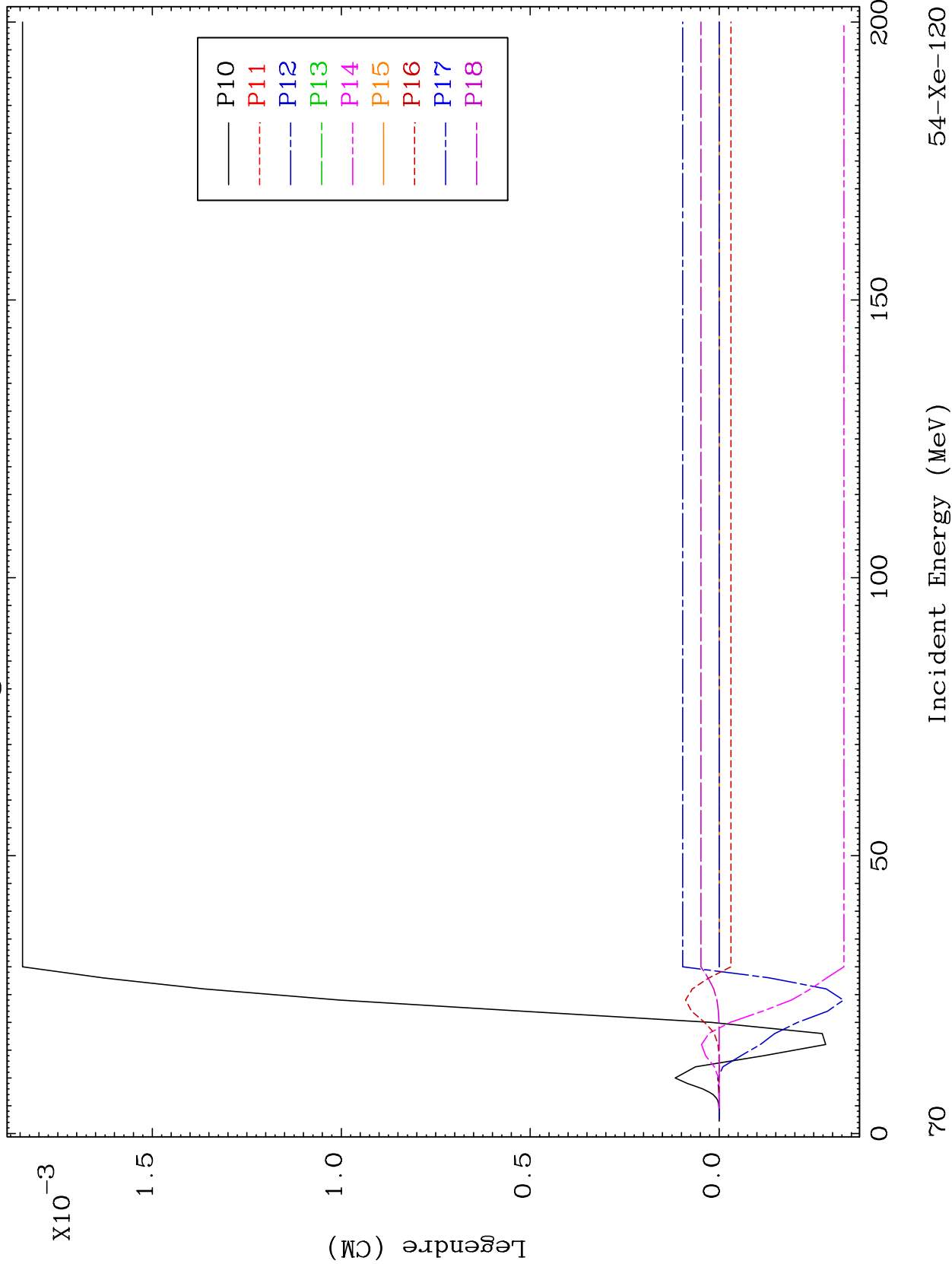
54-Xe-120

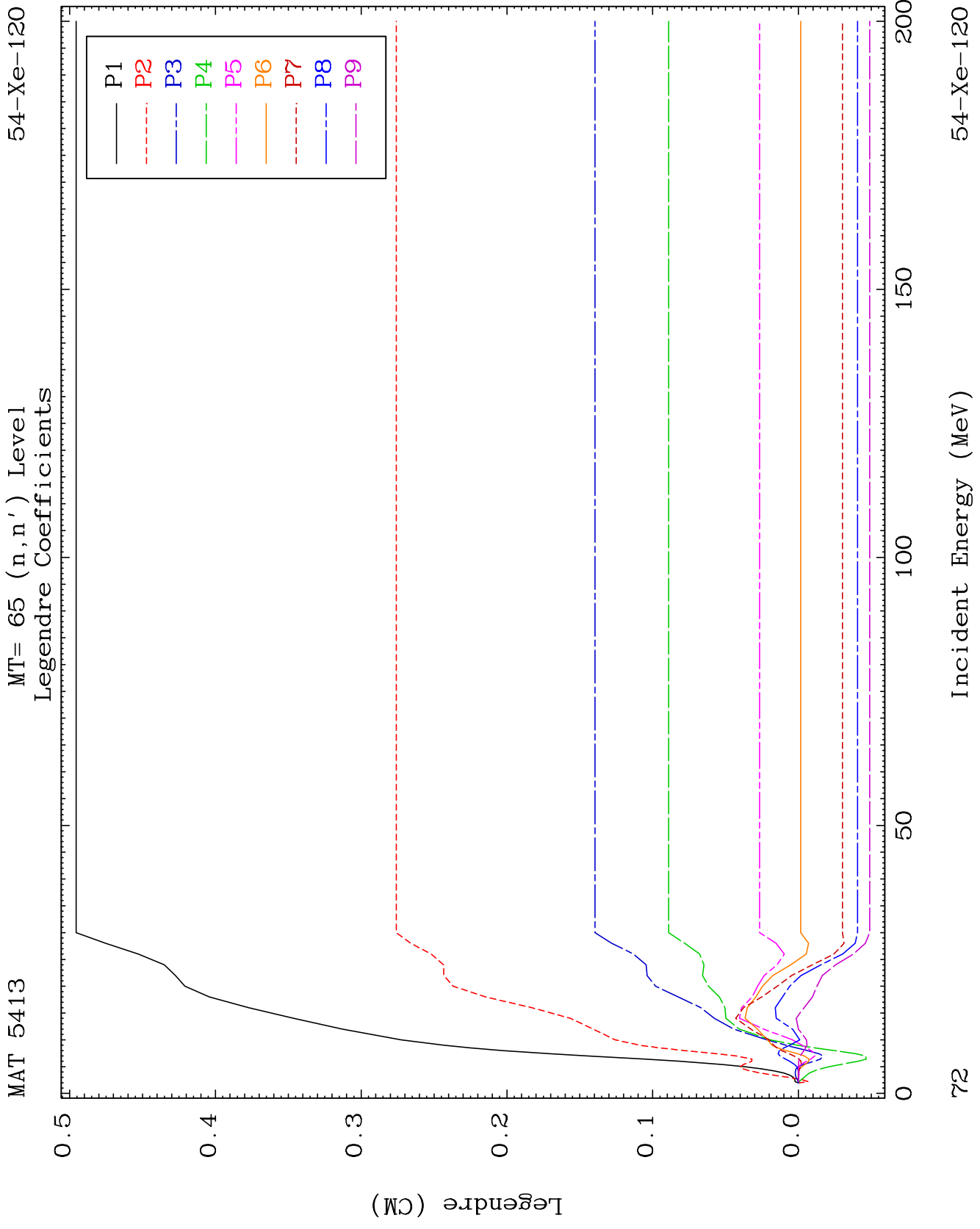


MAT 5413

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

54-Xe-120

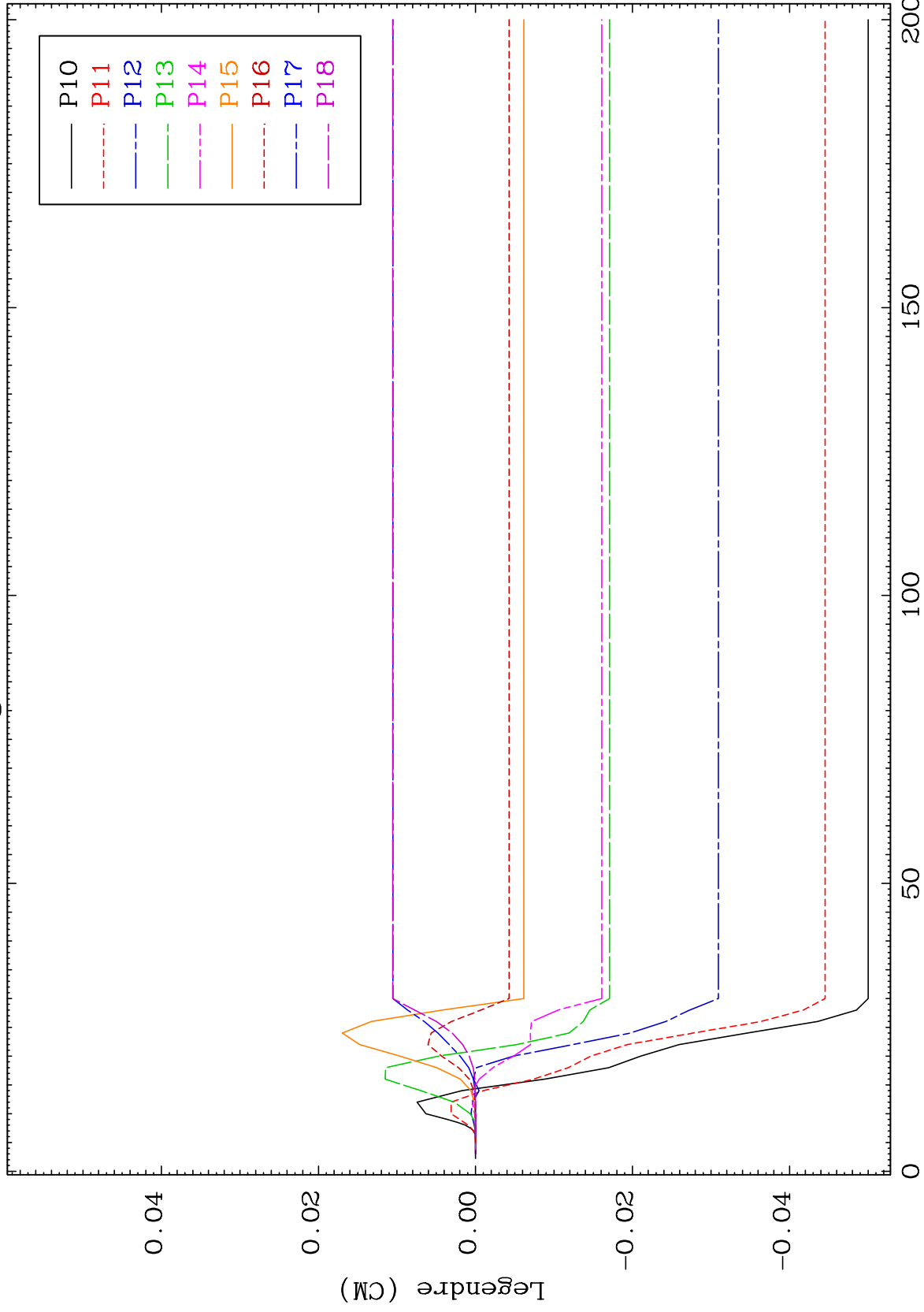




MAT 5413

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

54-Xe-120



73

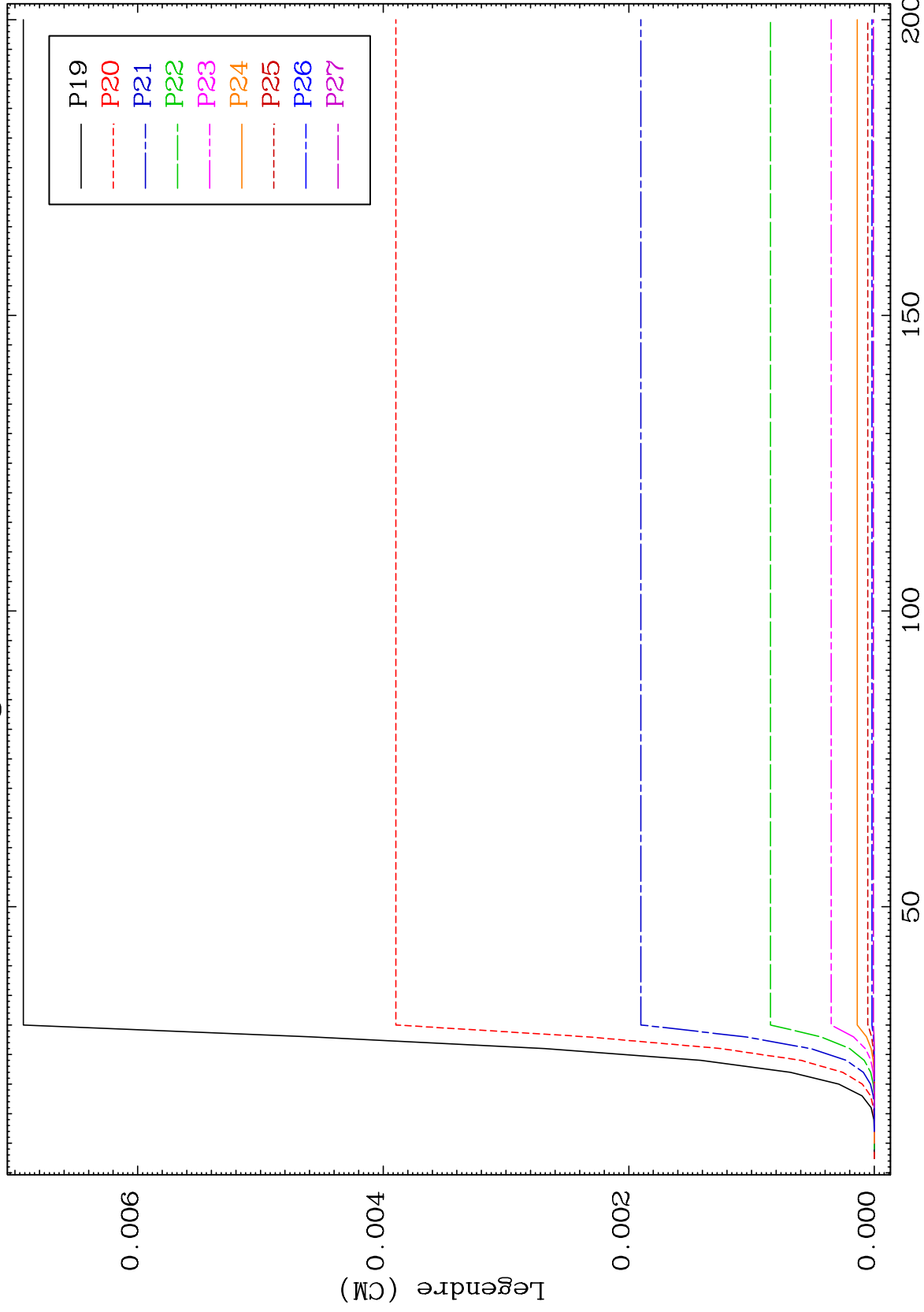
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

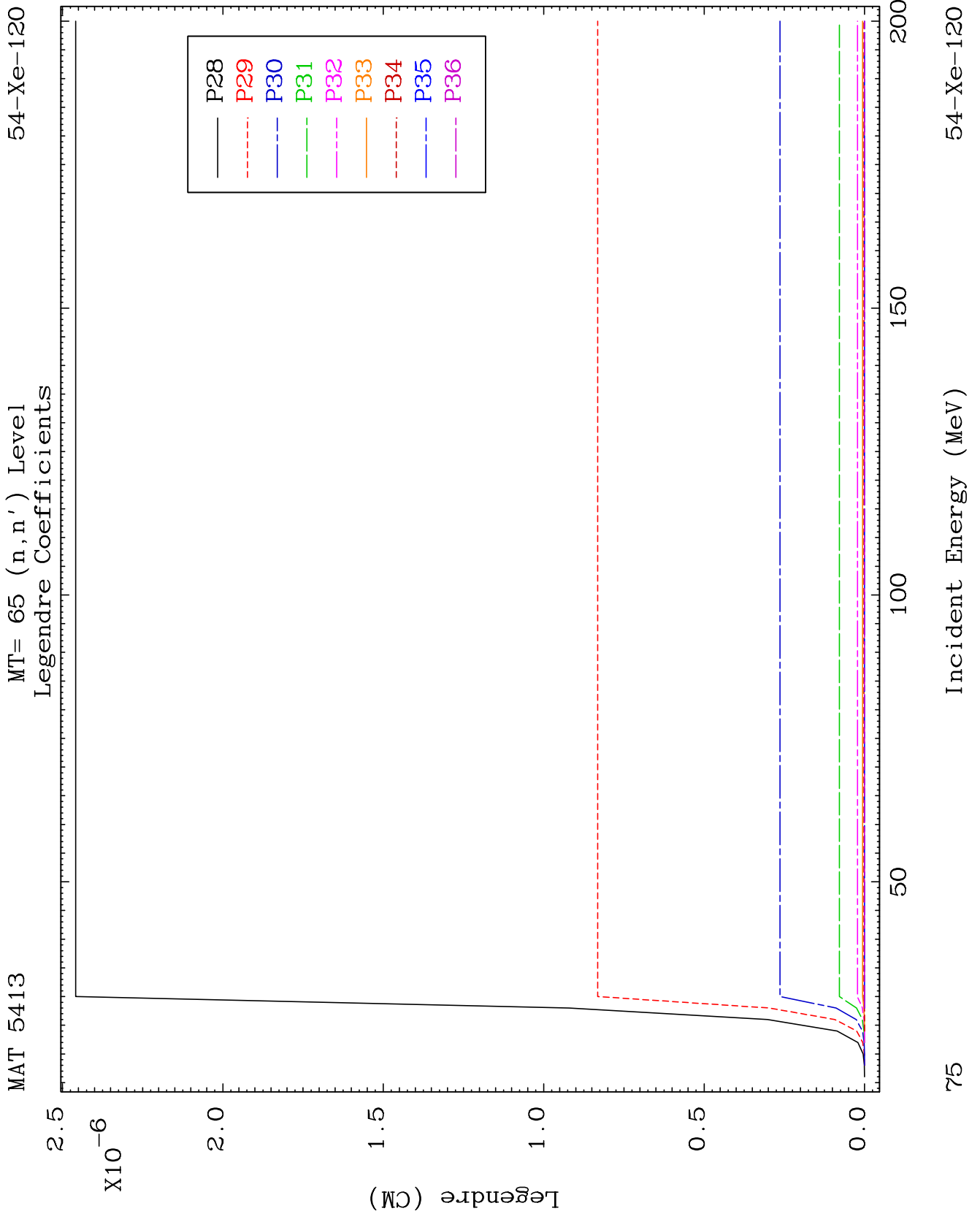
54-Xe-120

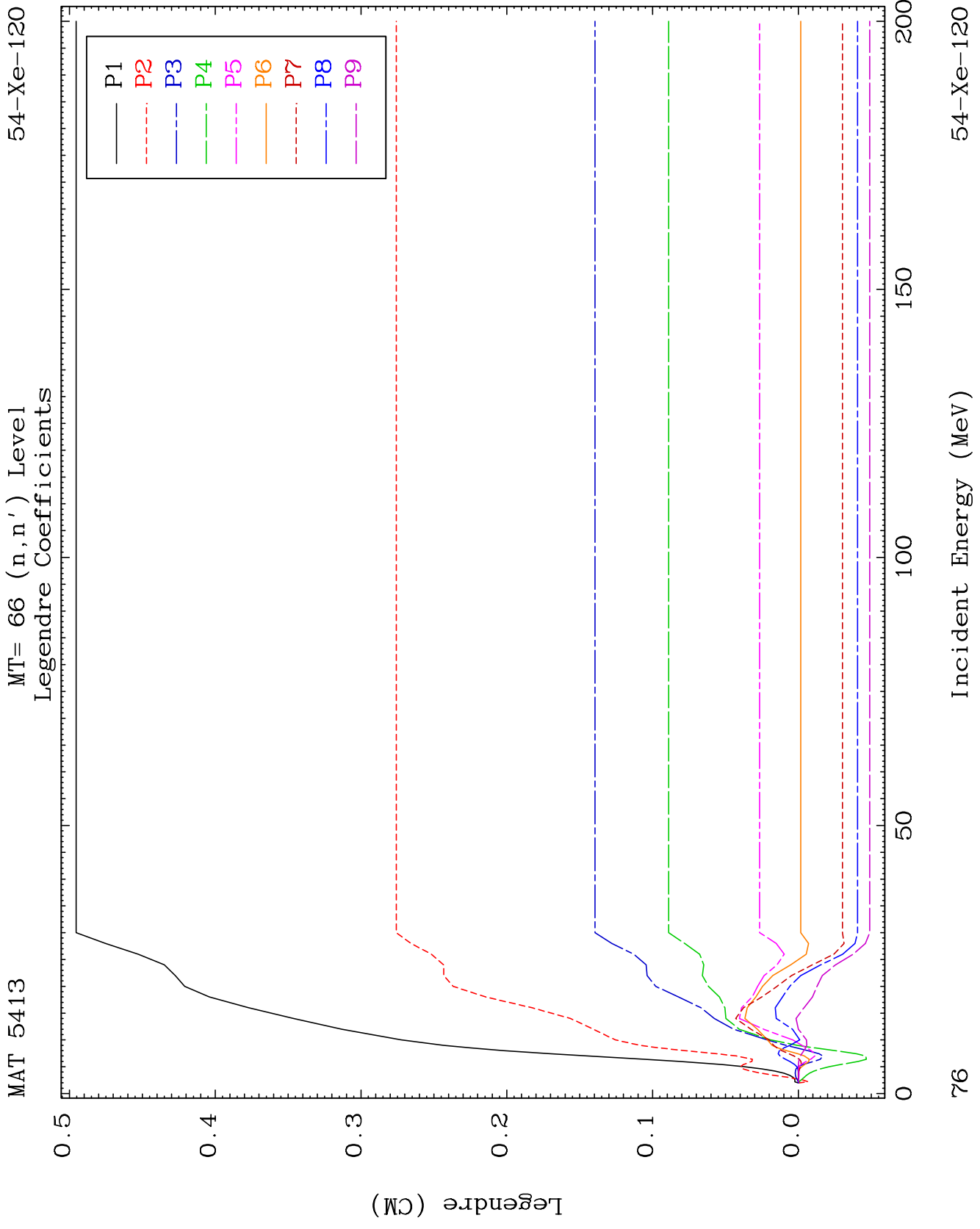


74

Incident Energy (MeV)

54-Xe-120

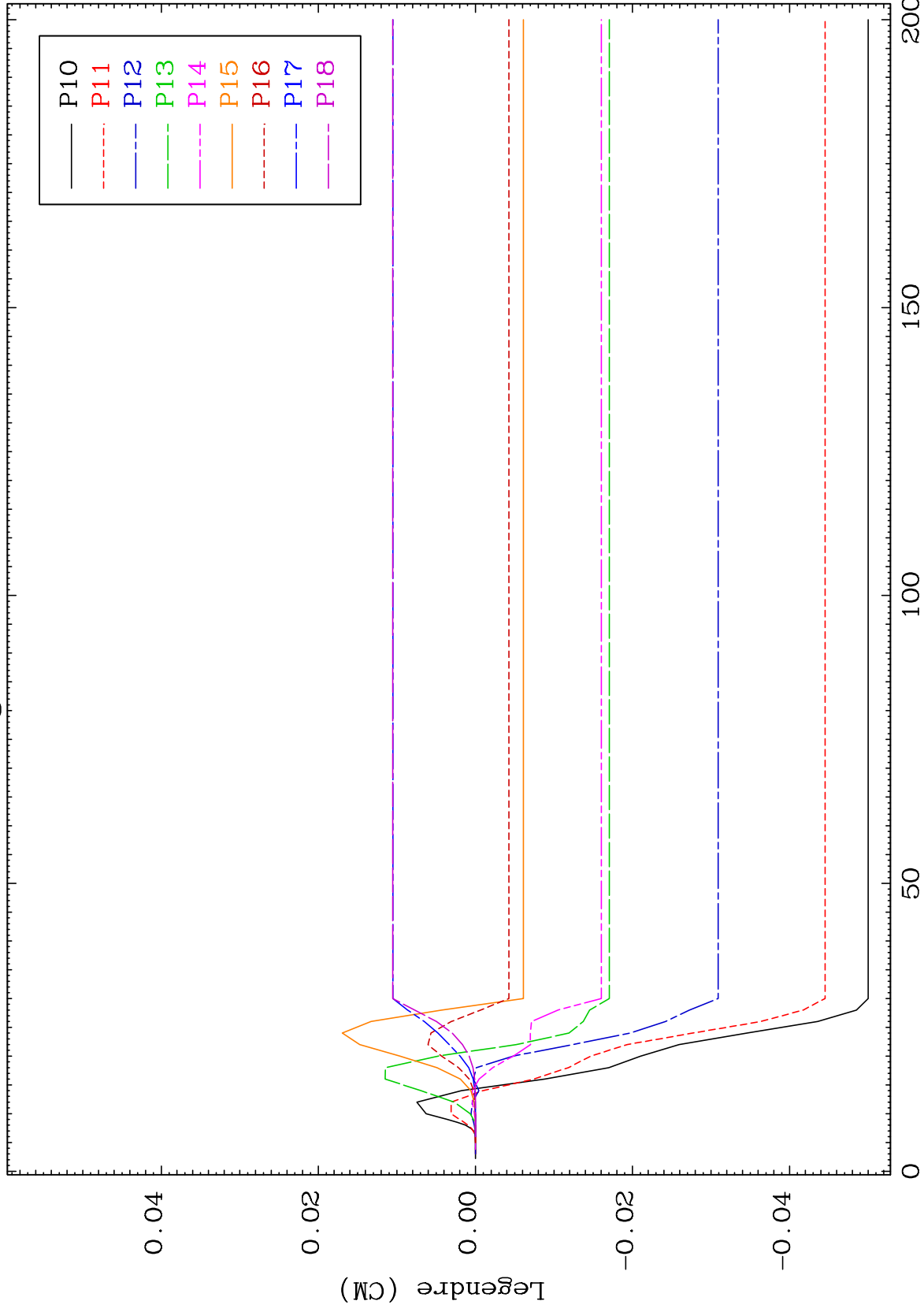




MAT 5413

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

54-Xe-120



77

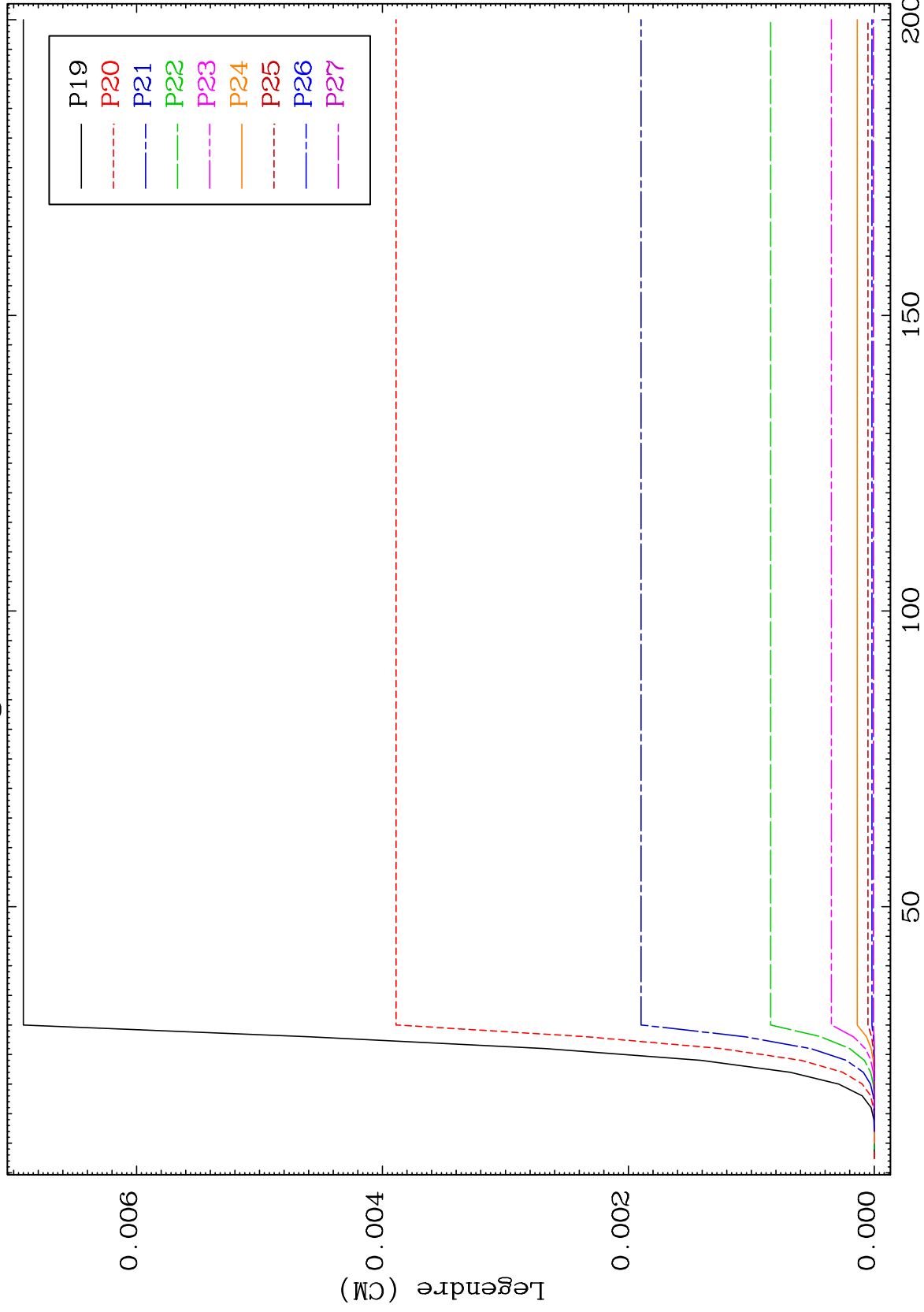
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



78

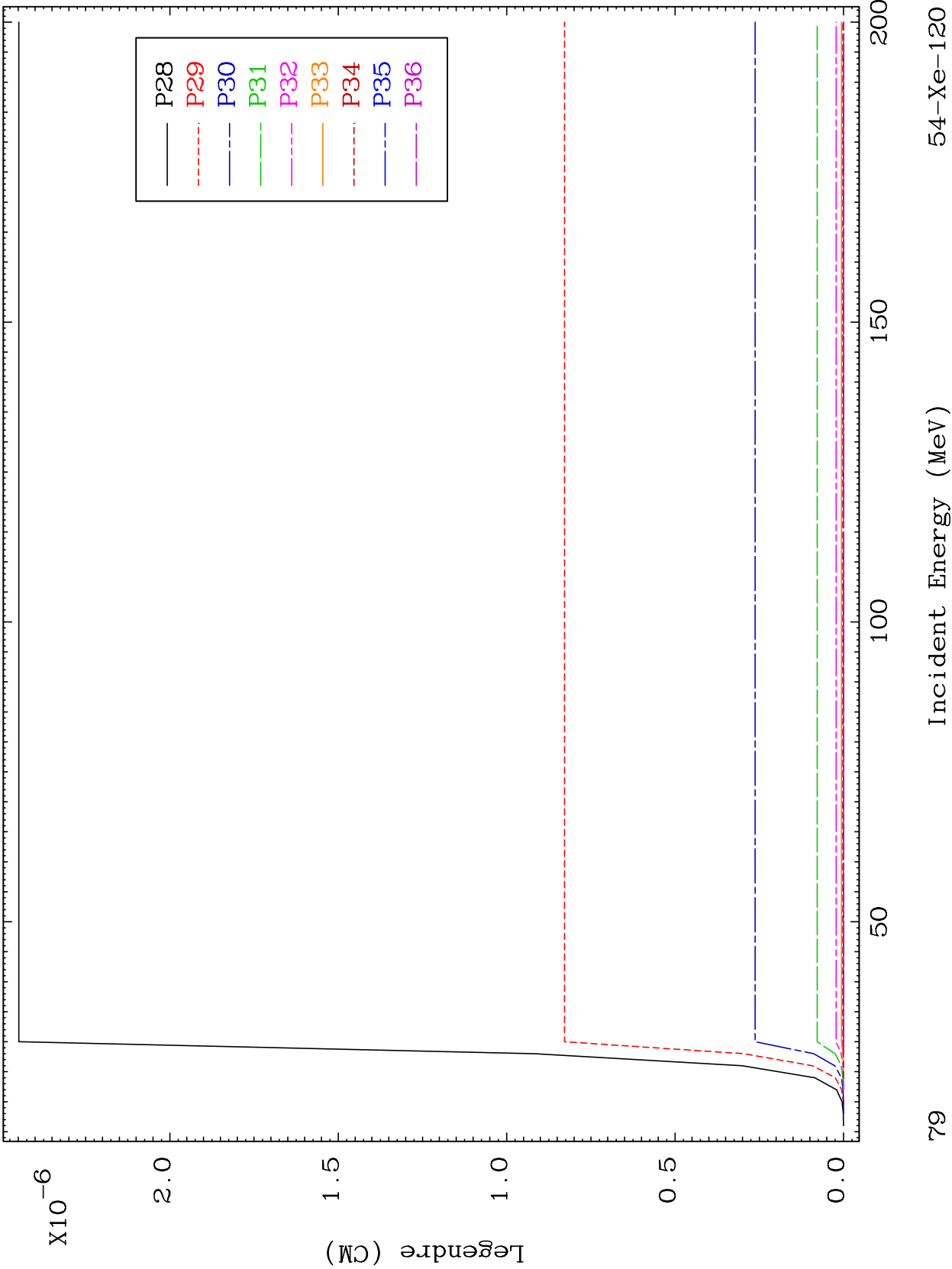
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



79

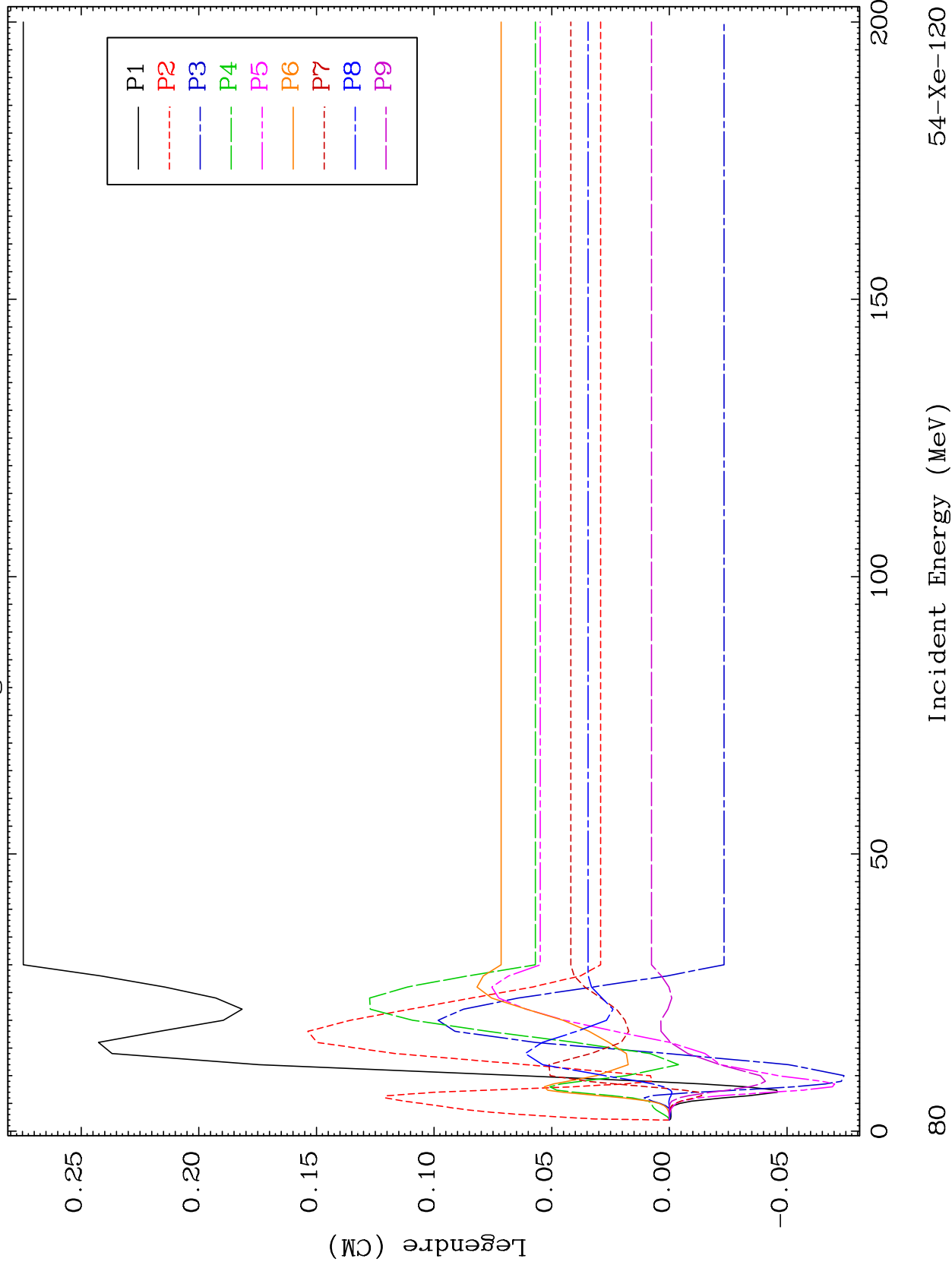
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



54-Xe-120

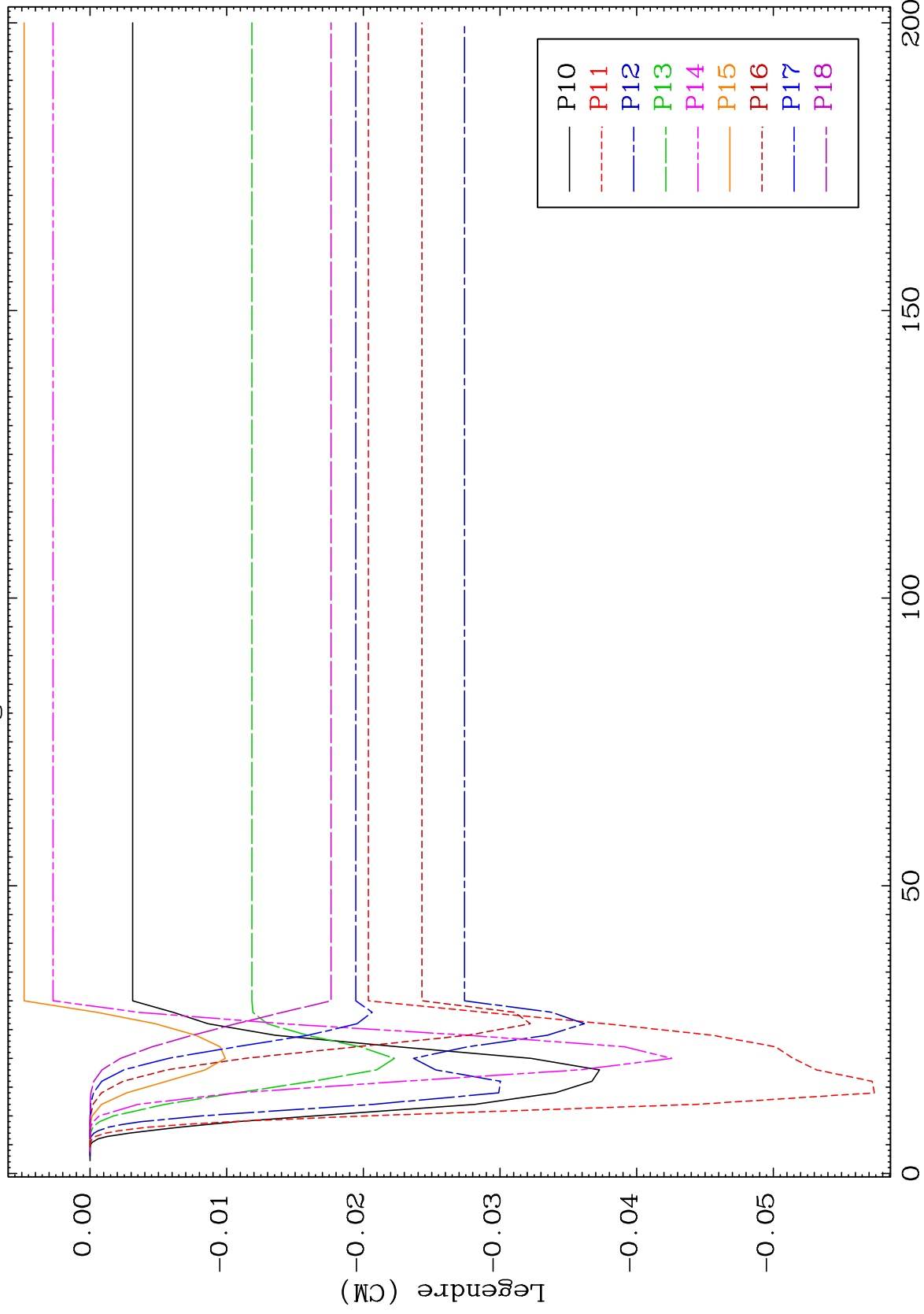
Incident Energy (MeV)

MAT 5413

MT= 67 (n,n') Level

54-Xe-120

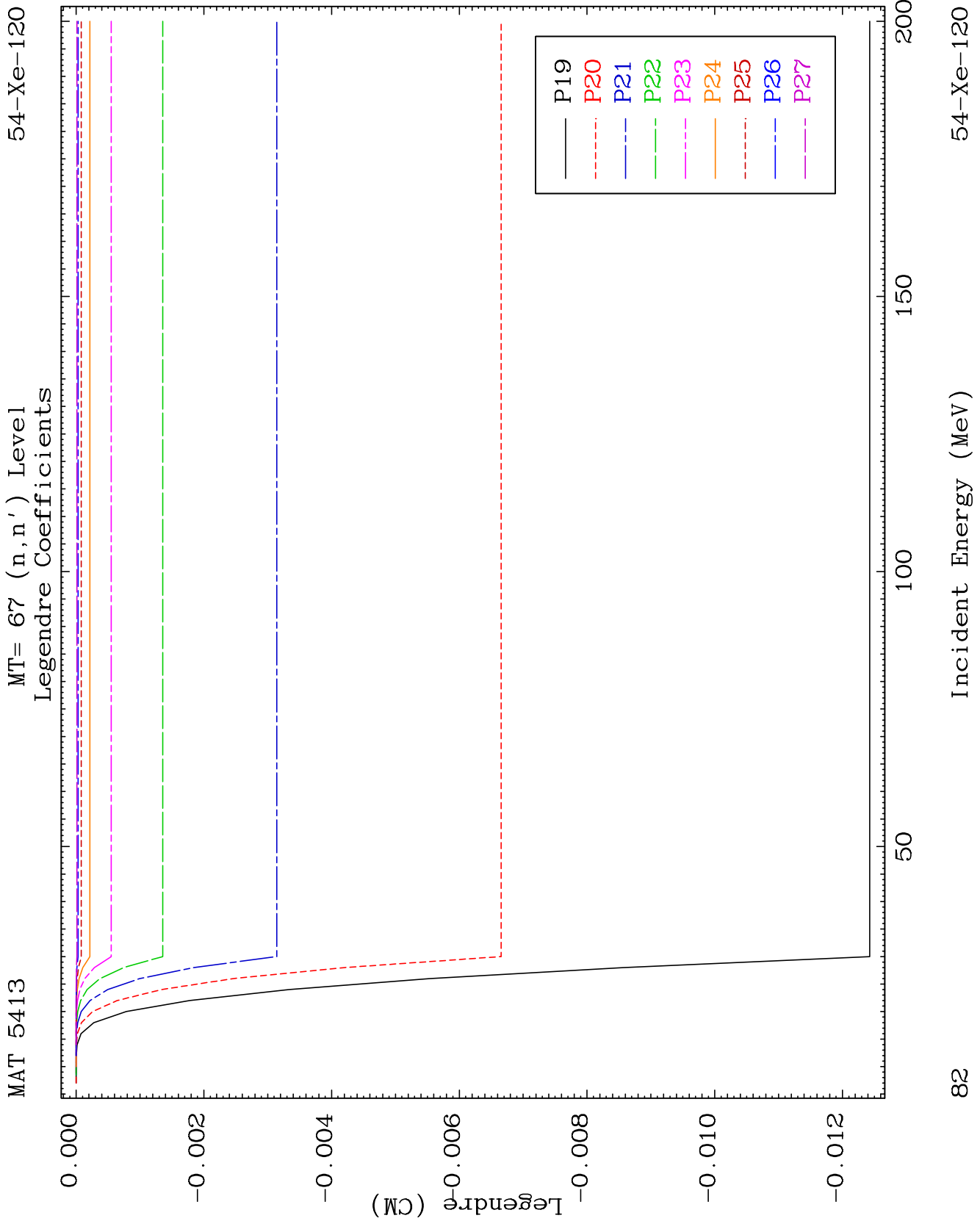
Legendre Coefficients

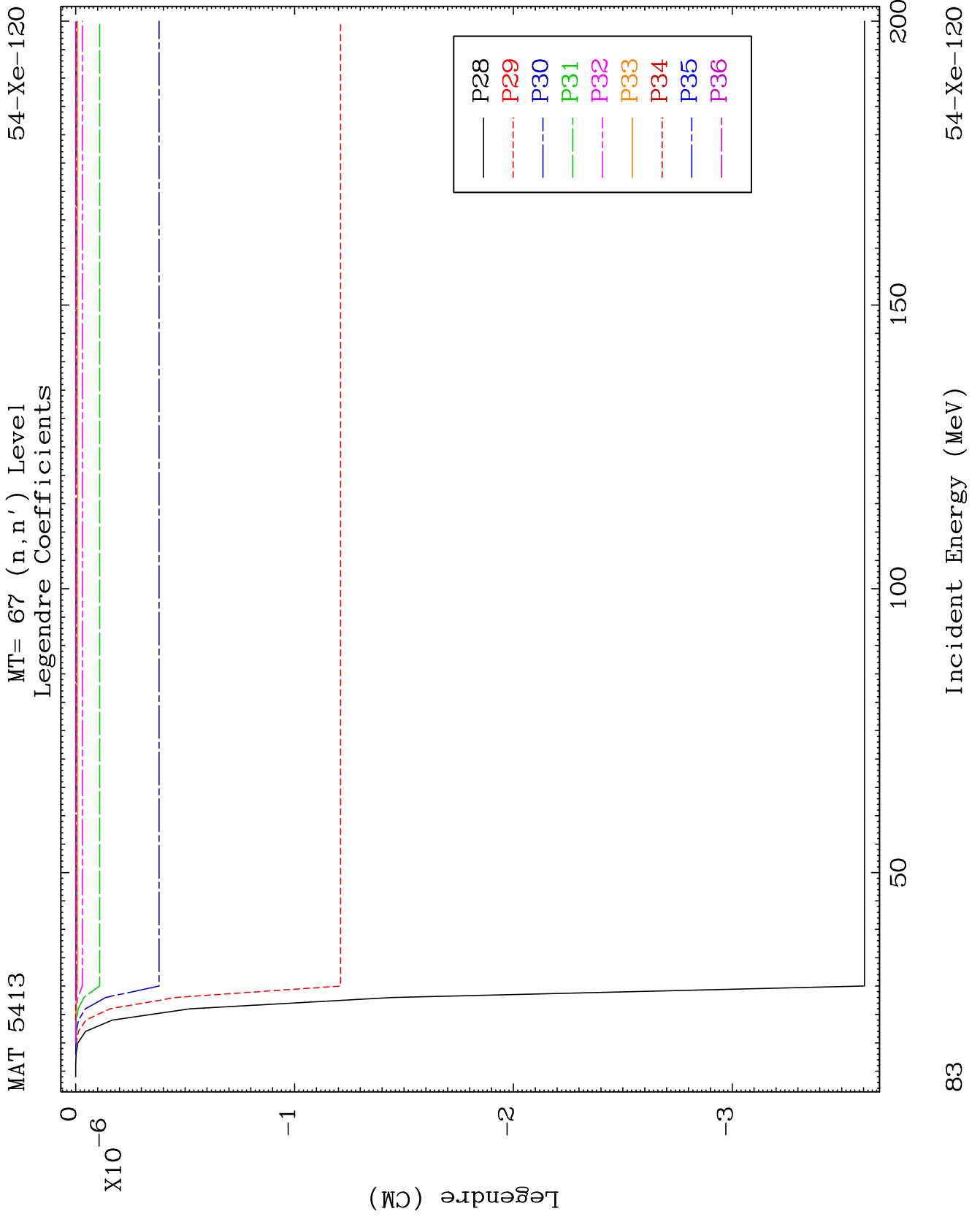


81

Incident Energy (MeV)

54-Xe-120

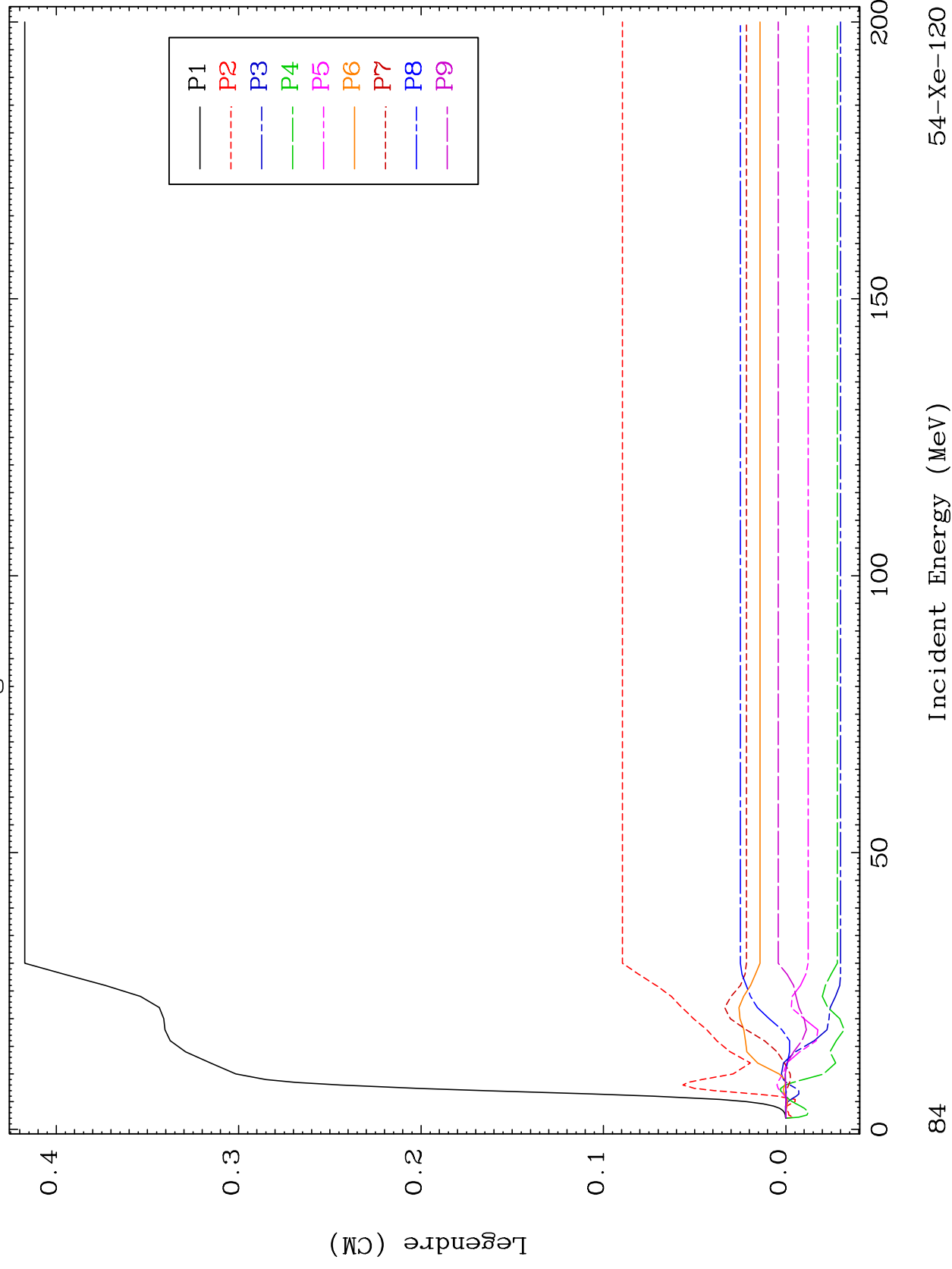




MAT 5413

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

54-Xe-120



84

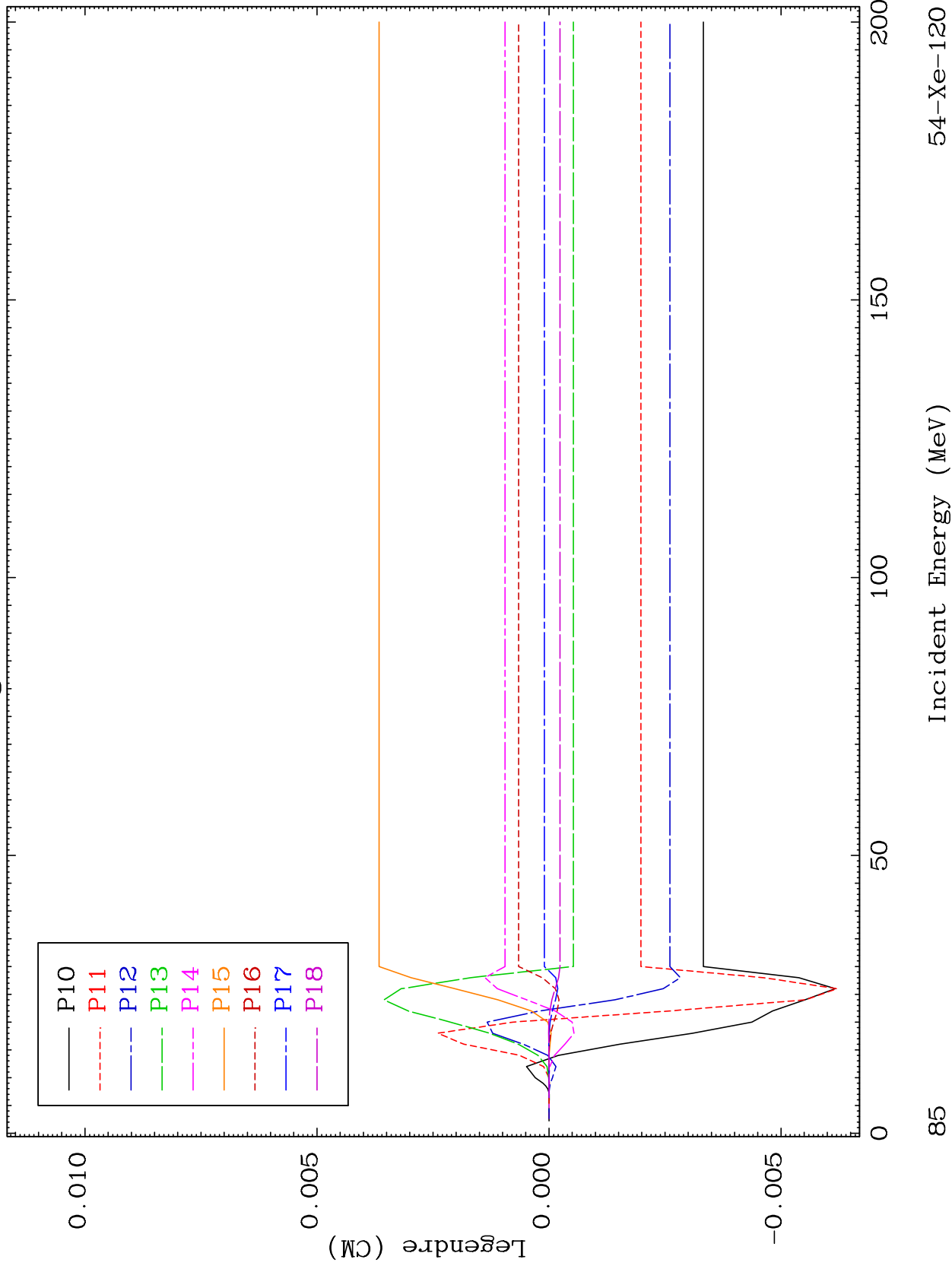
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



85

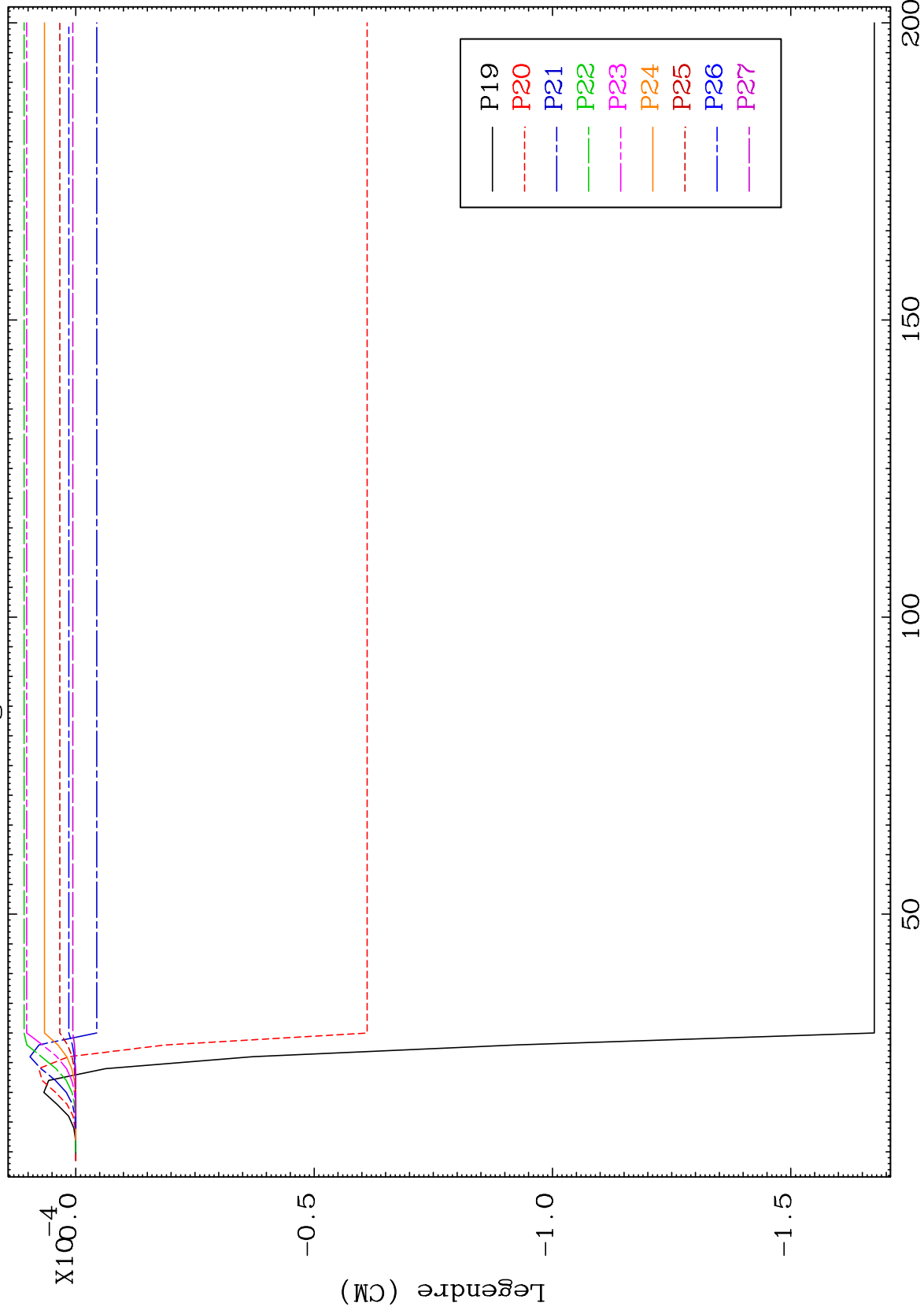
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



86

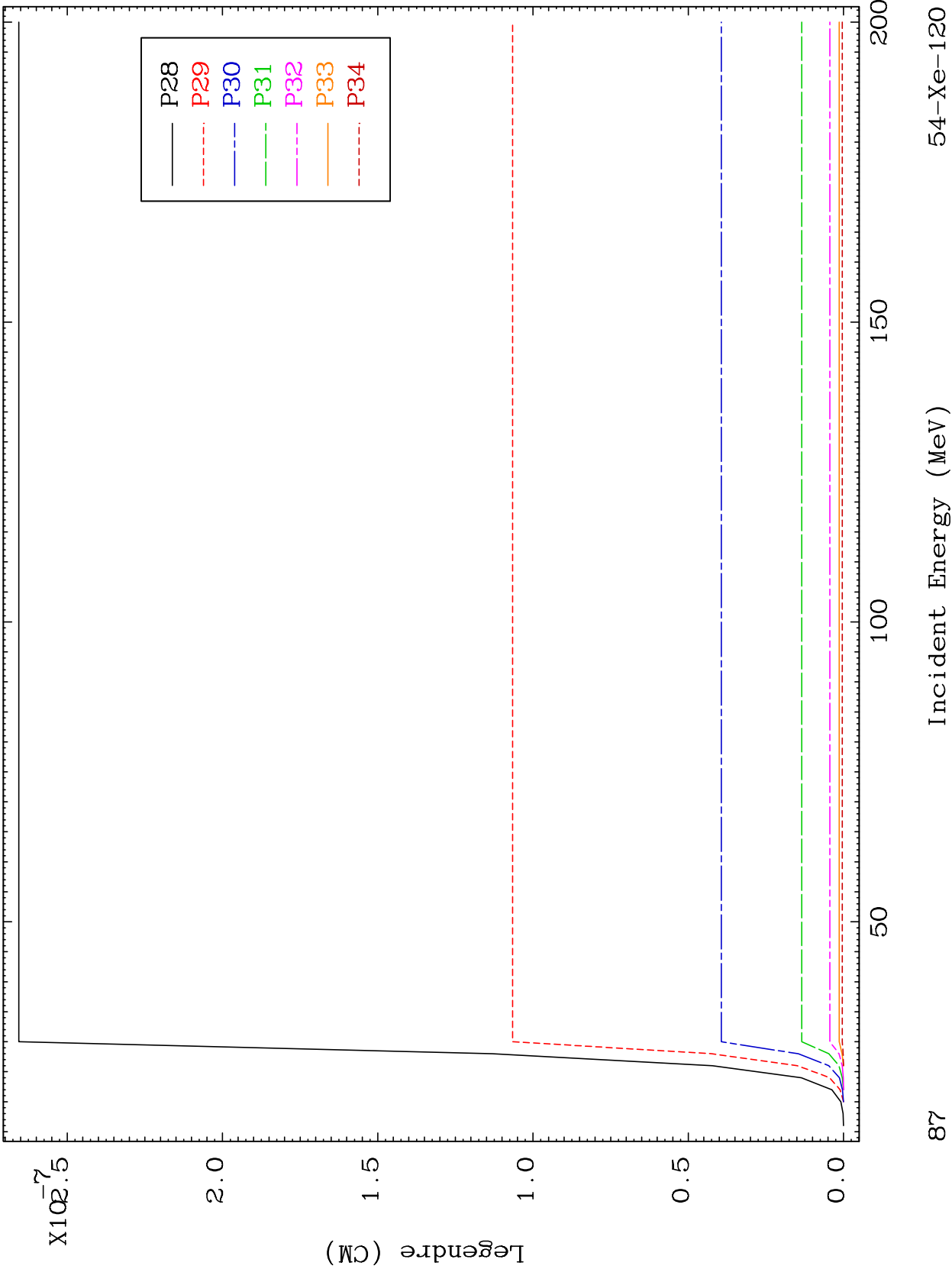
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

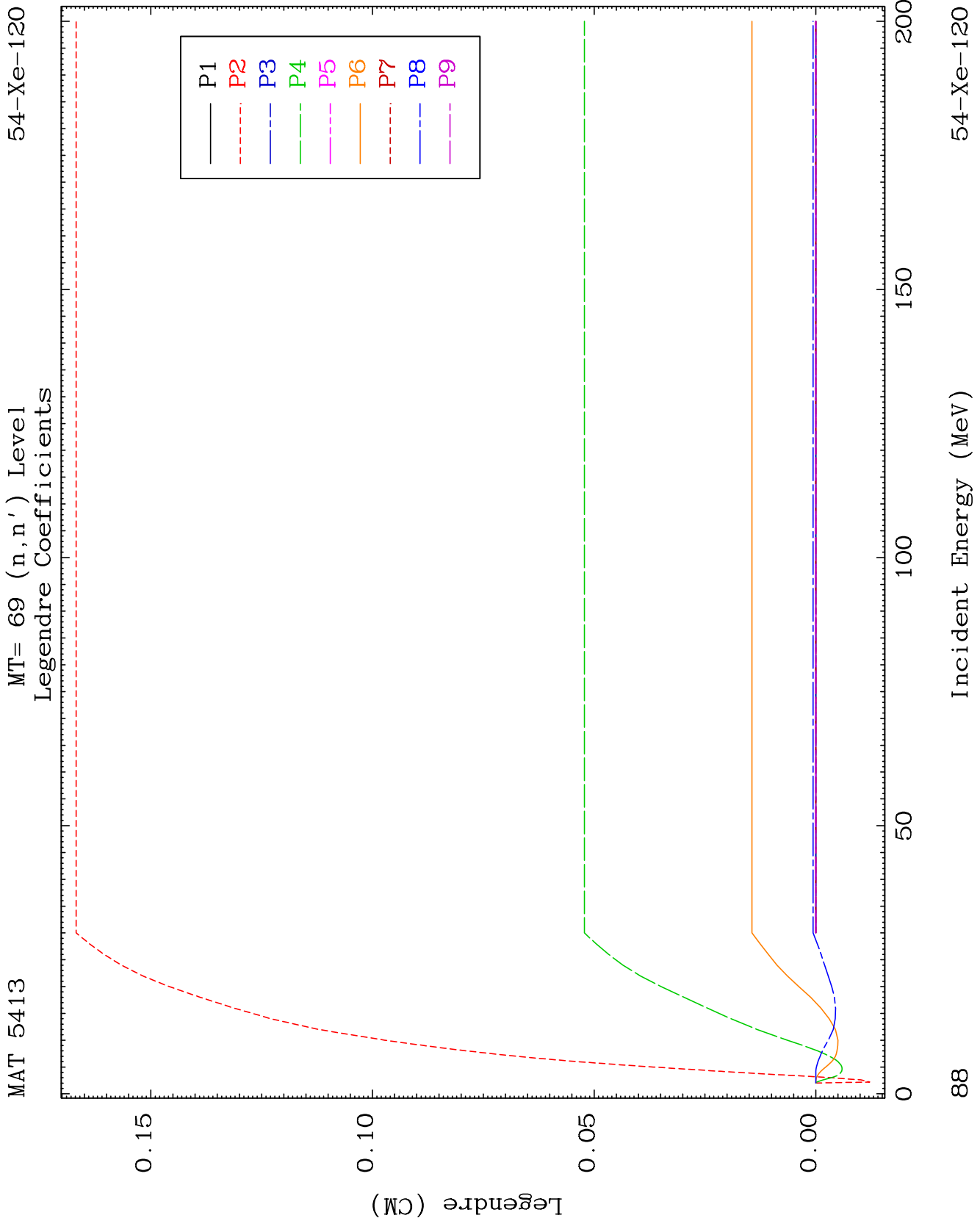
54-Xe-120

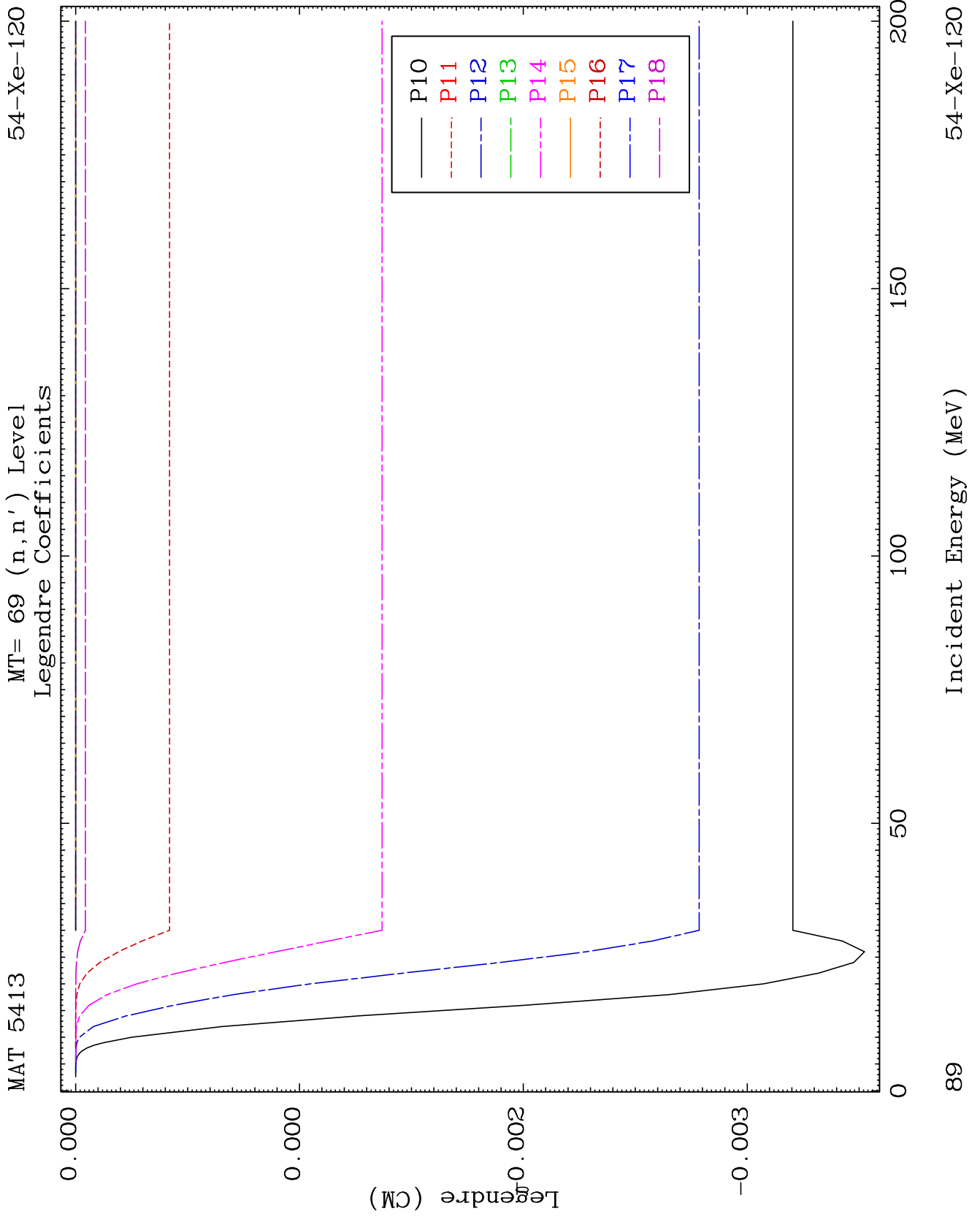


87

Incident Energy (MeV)

54-Xe-120

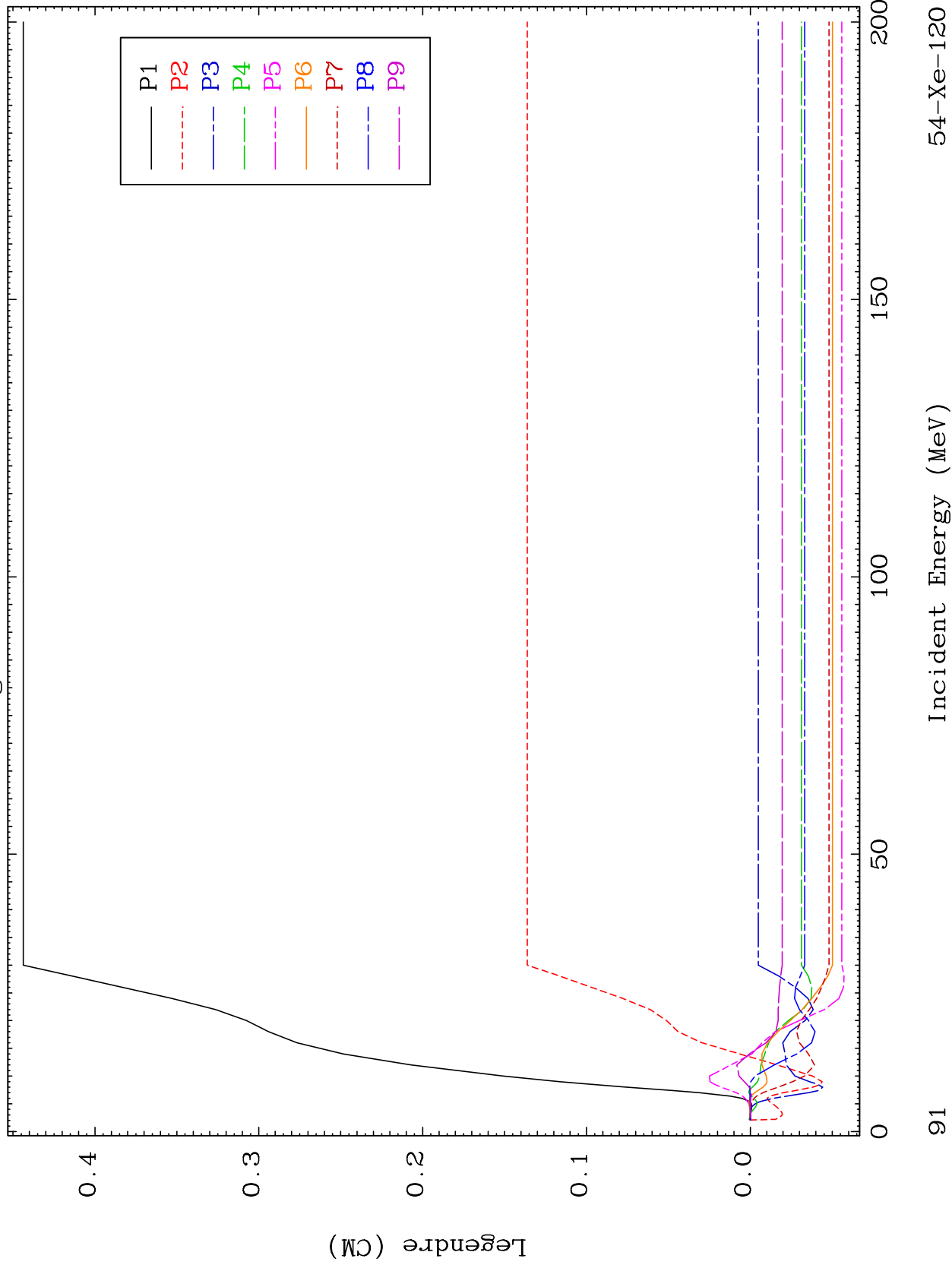




MAT 5413

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

54-Xe-120

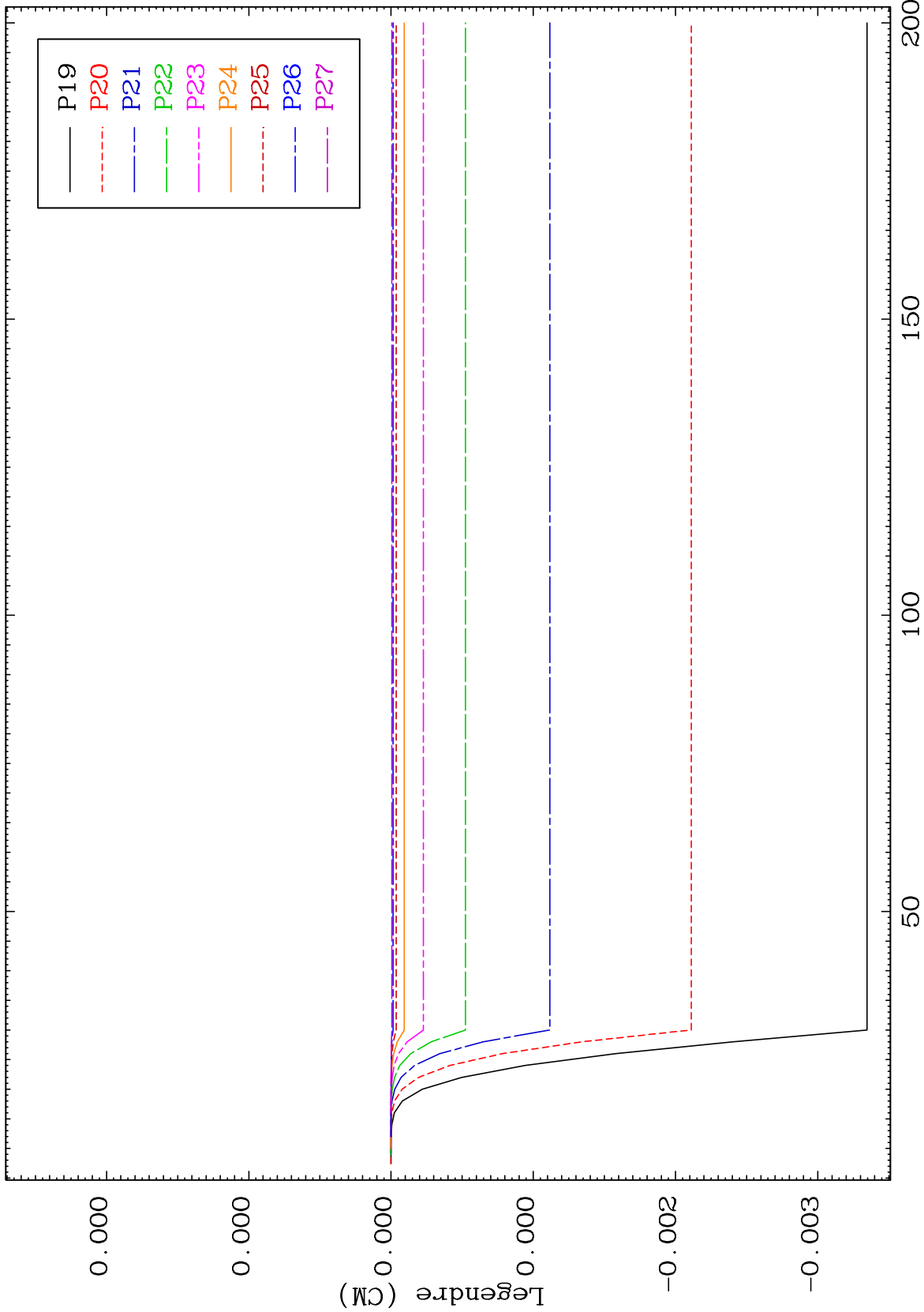


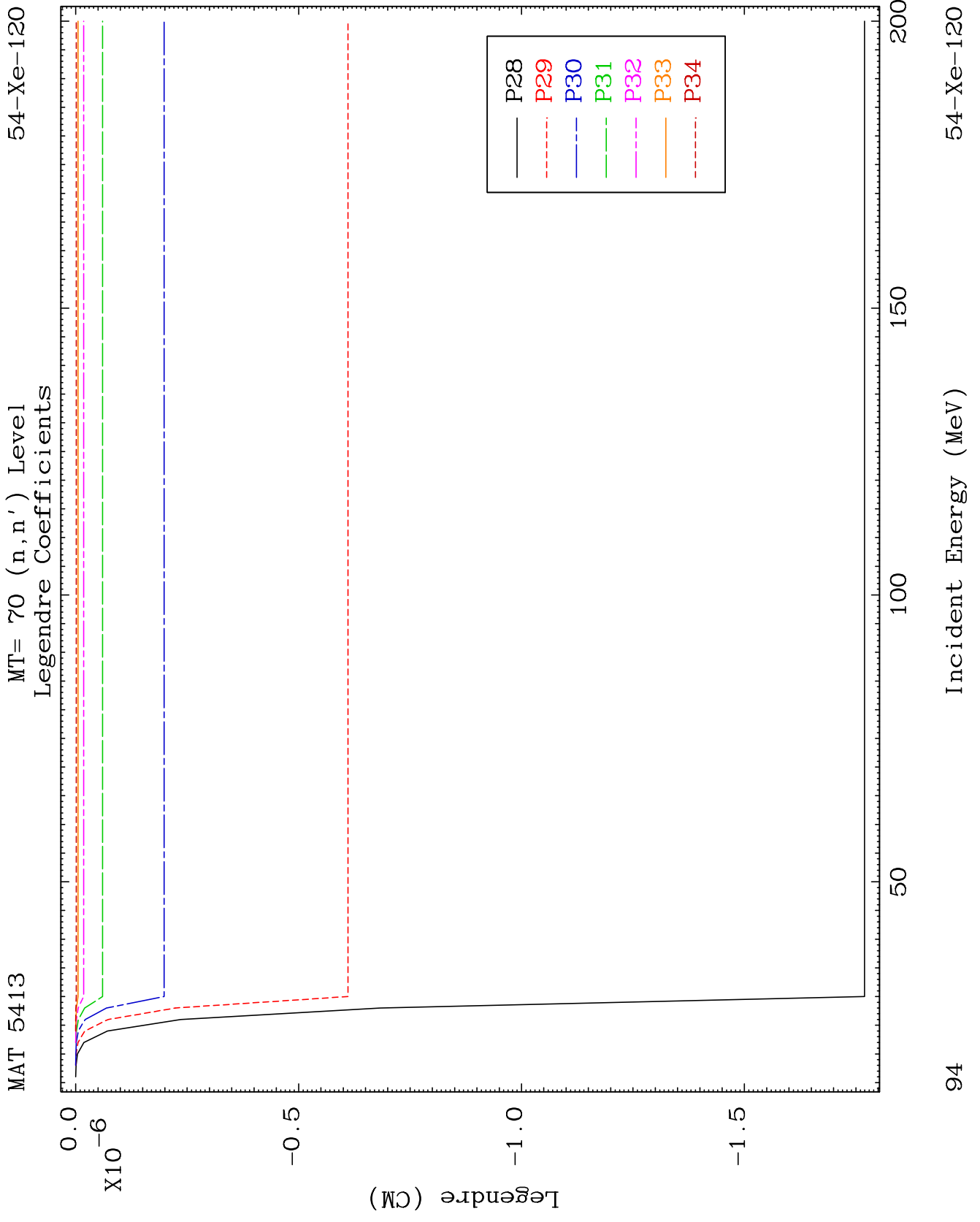
91

MAT 5413

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

54-Xe-120

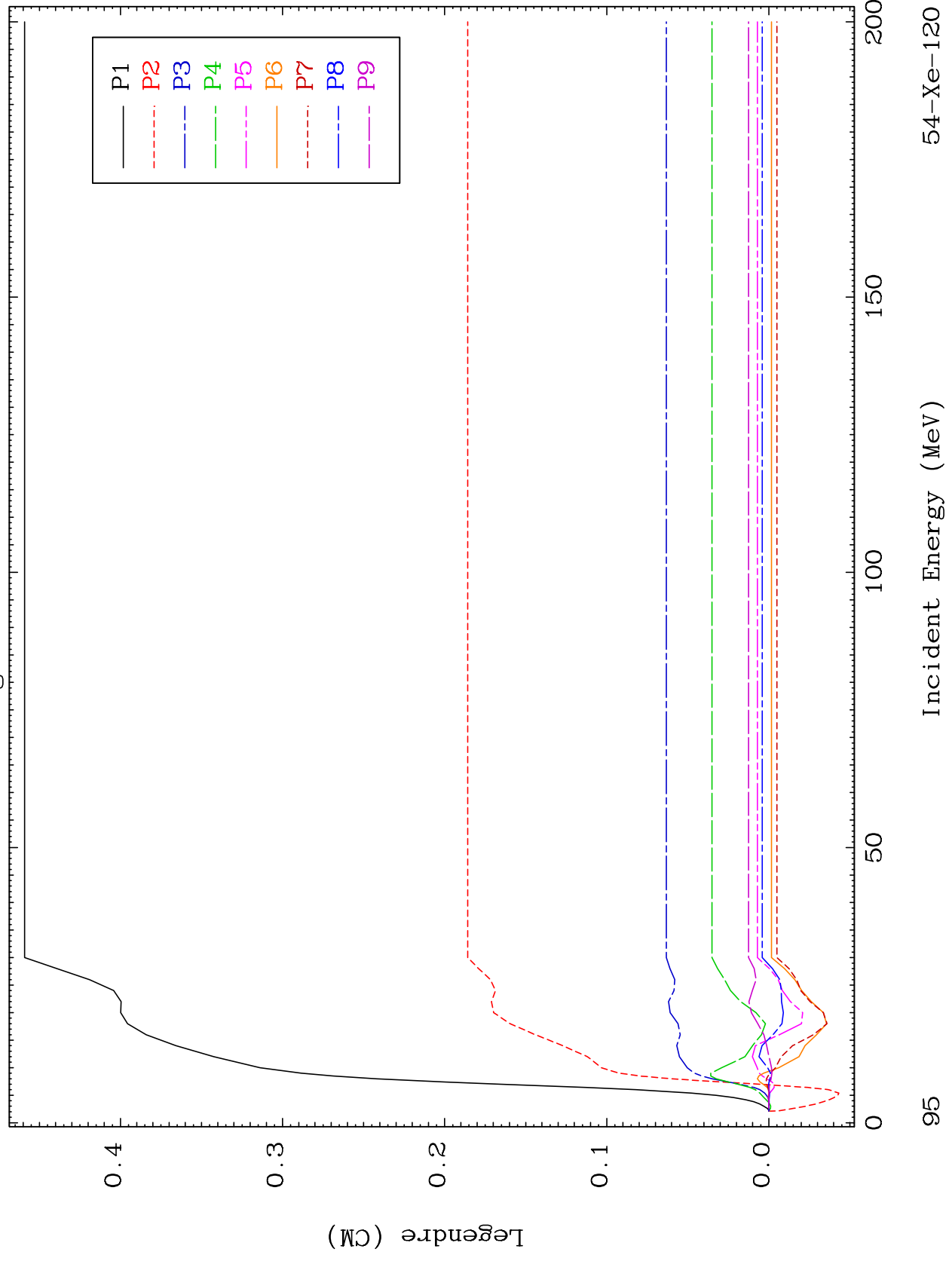




MAT 5413

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

54-Xe-120



54-Xe-120

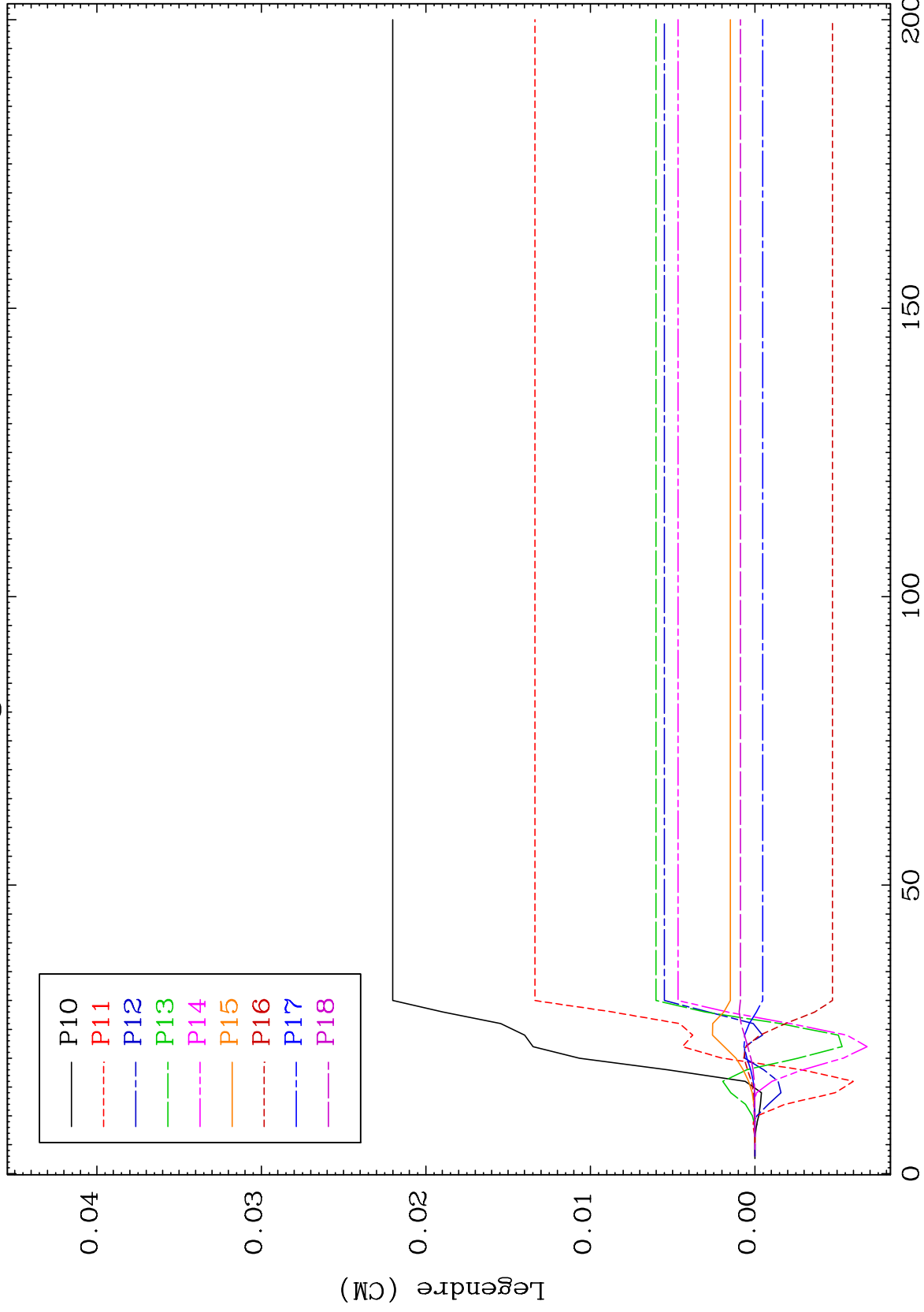
Incident Energy (MeV)

95

MAT 5413

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

54-Xe-120



96

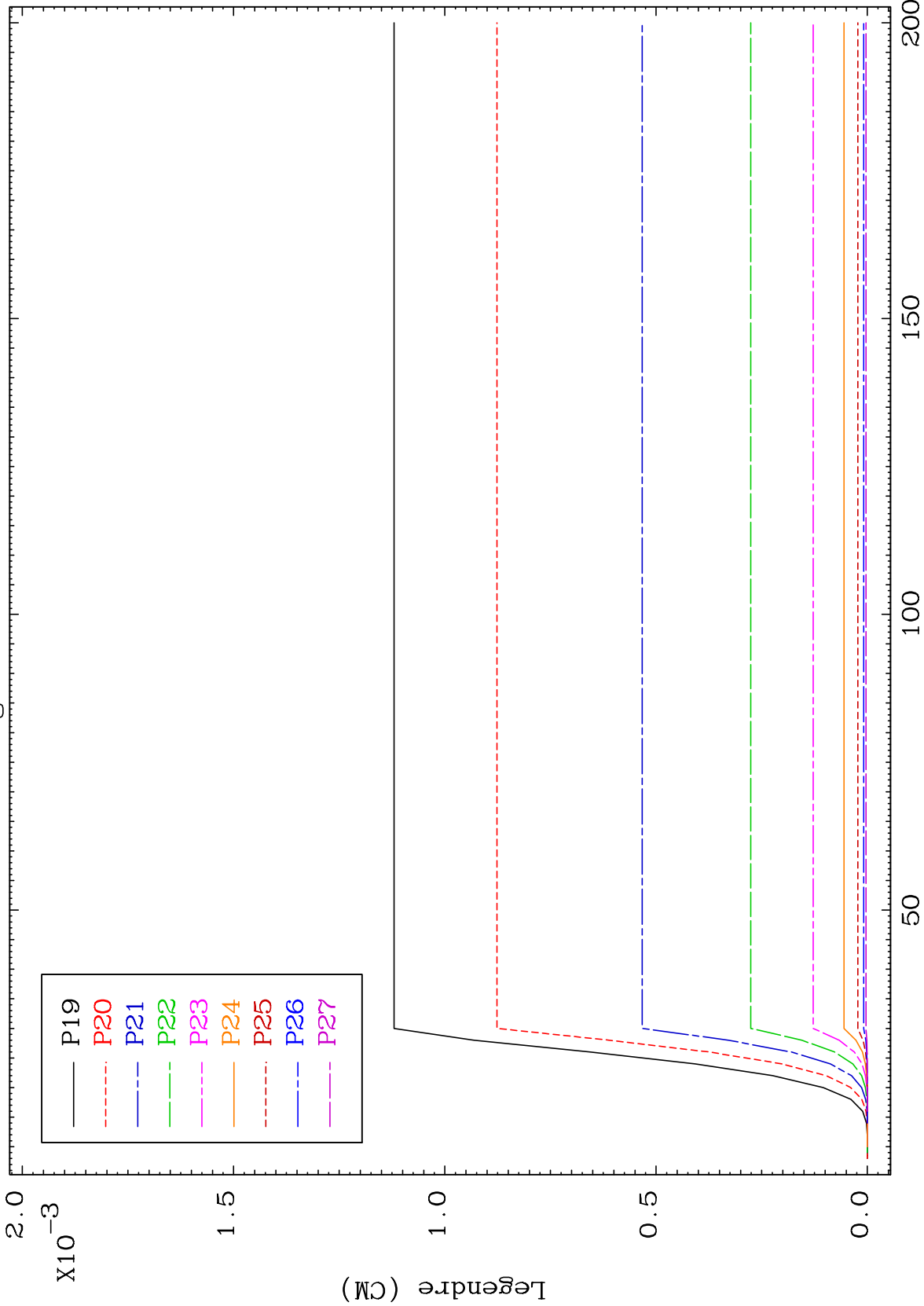
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

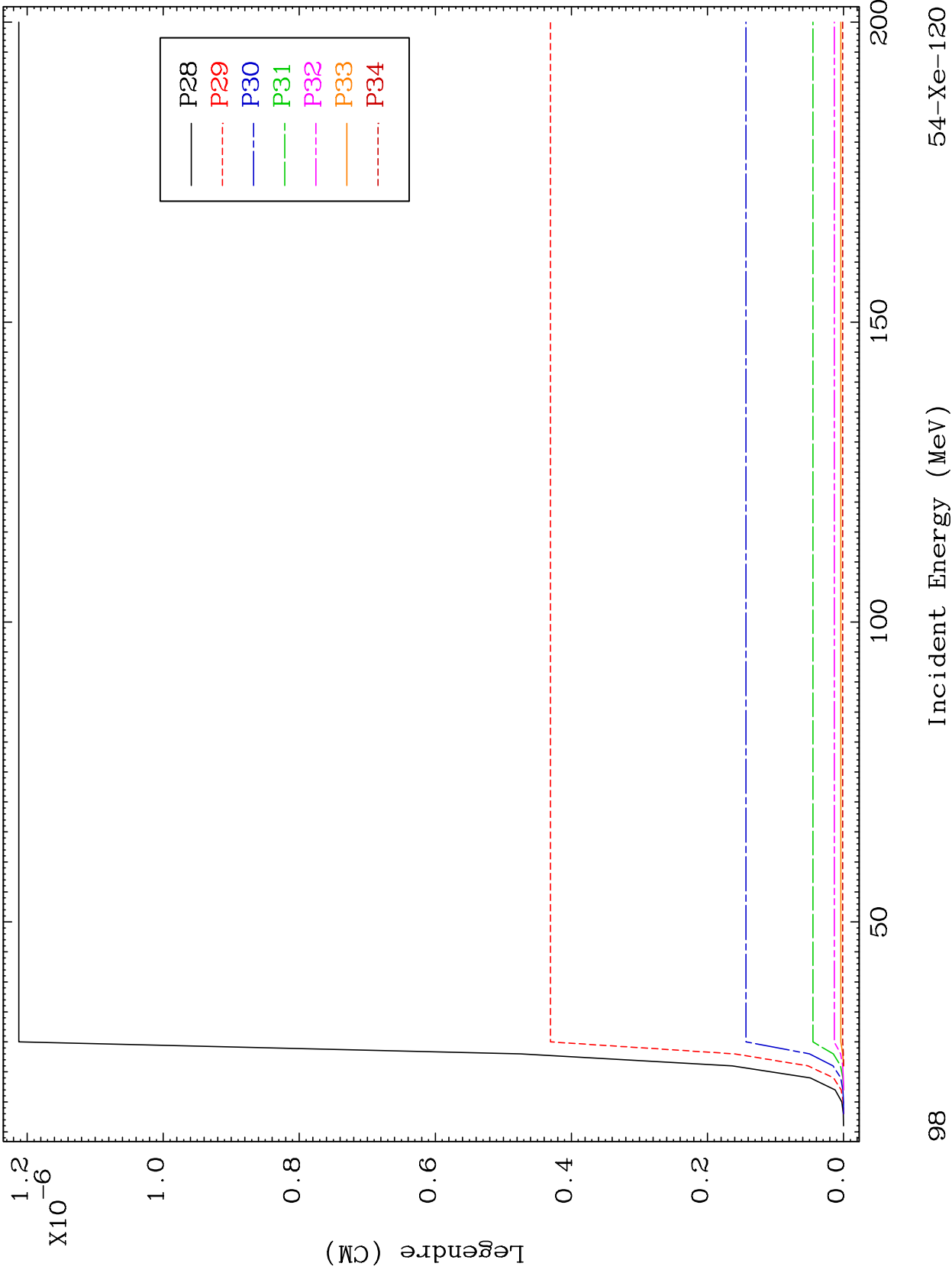
54-Xe-120



MAT 5413

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

54-Xe-120



98

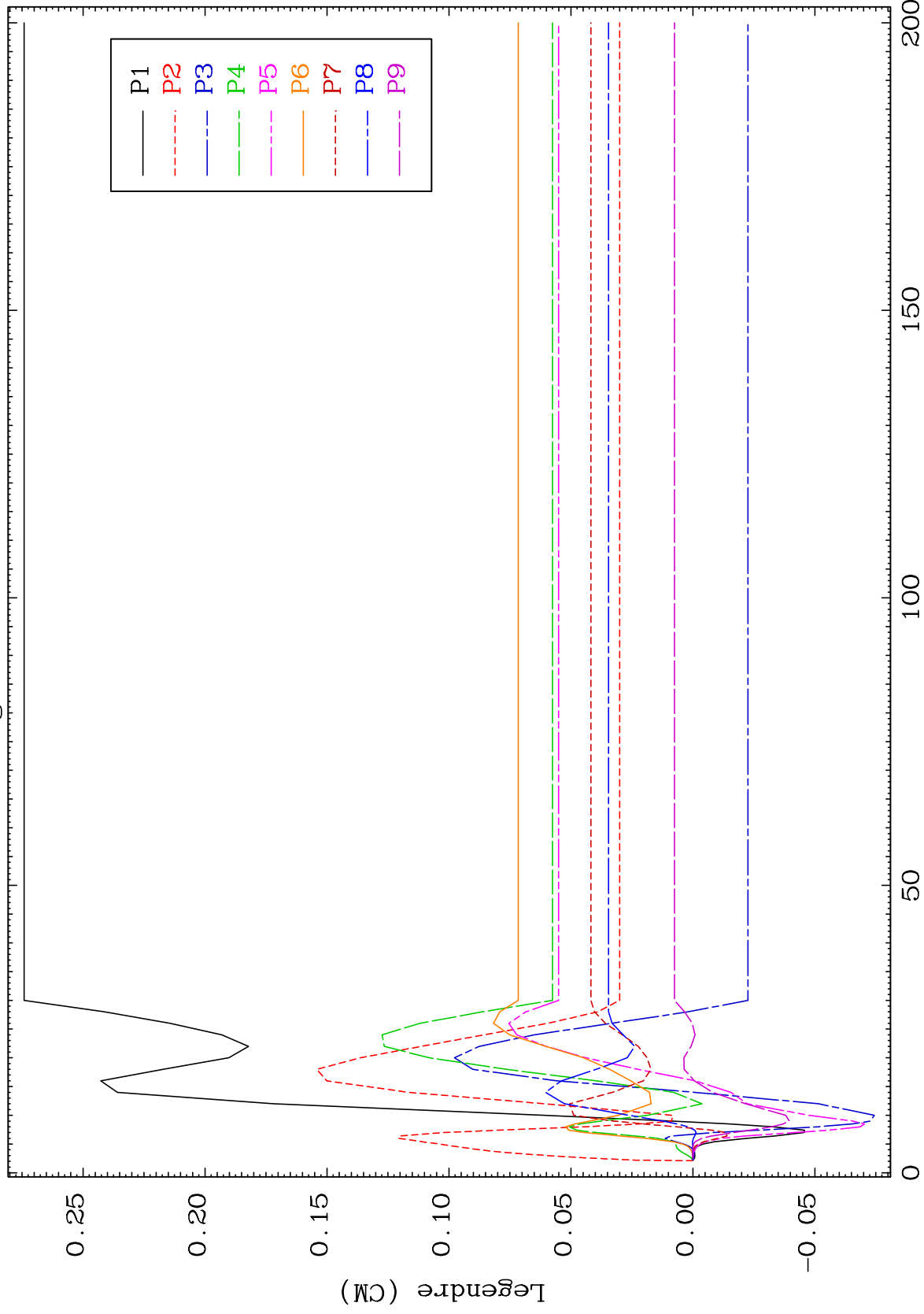
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



99

Incident Energy (MeV)

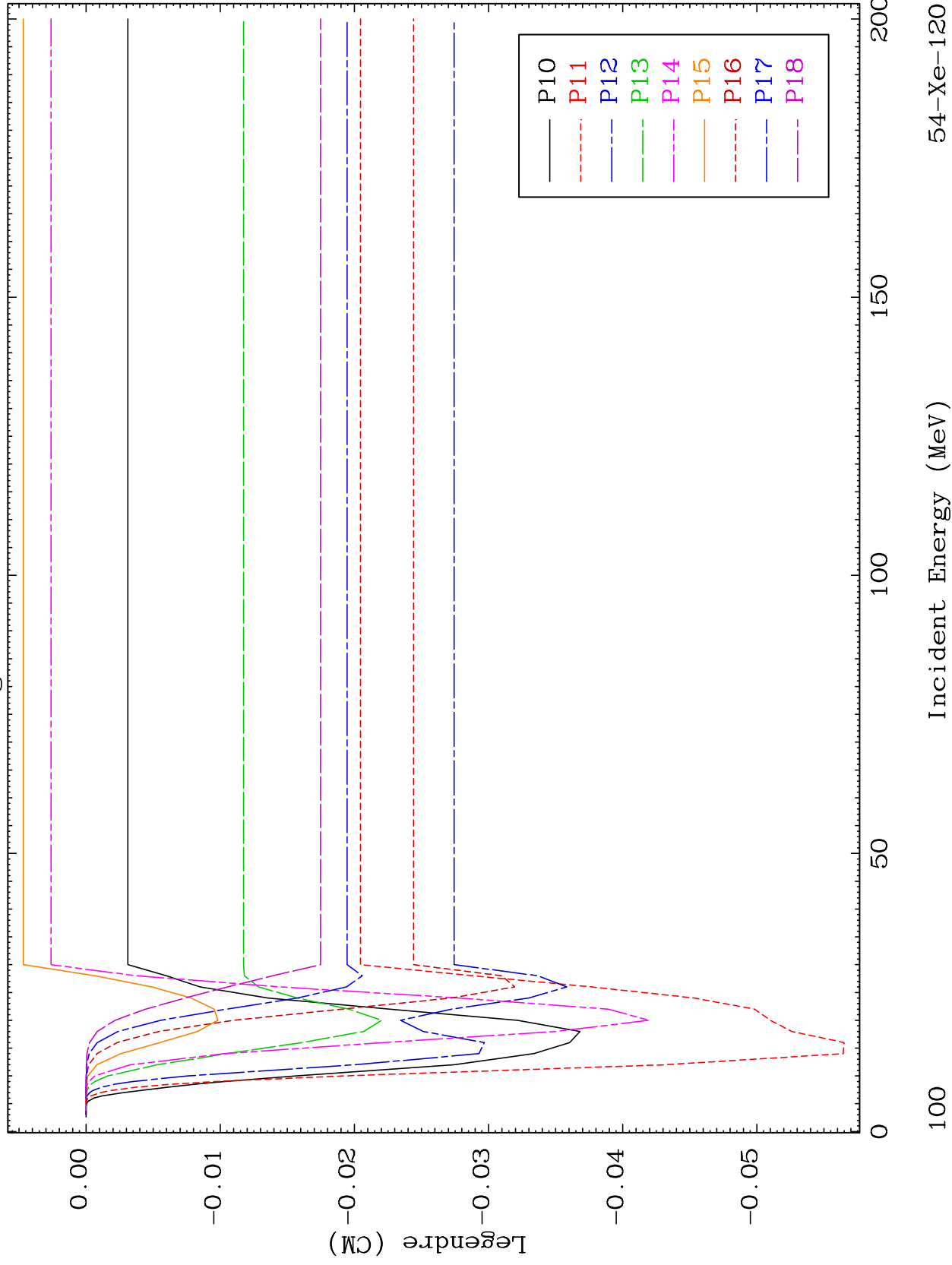
54-Xe-120

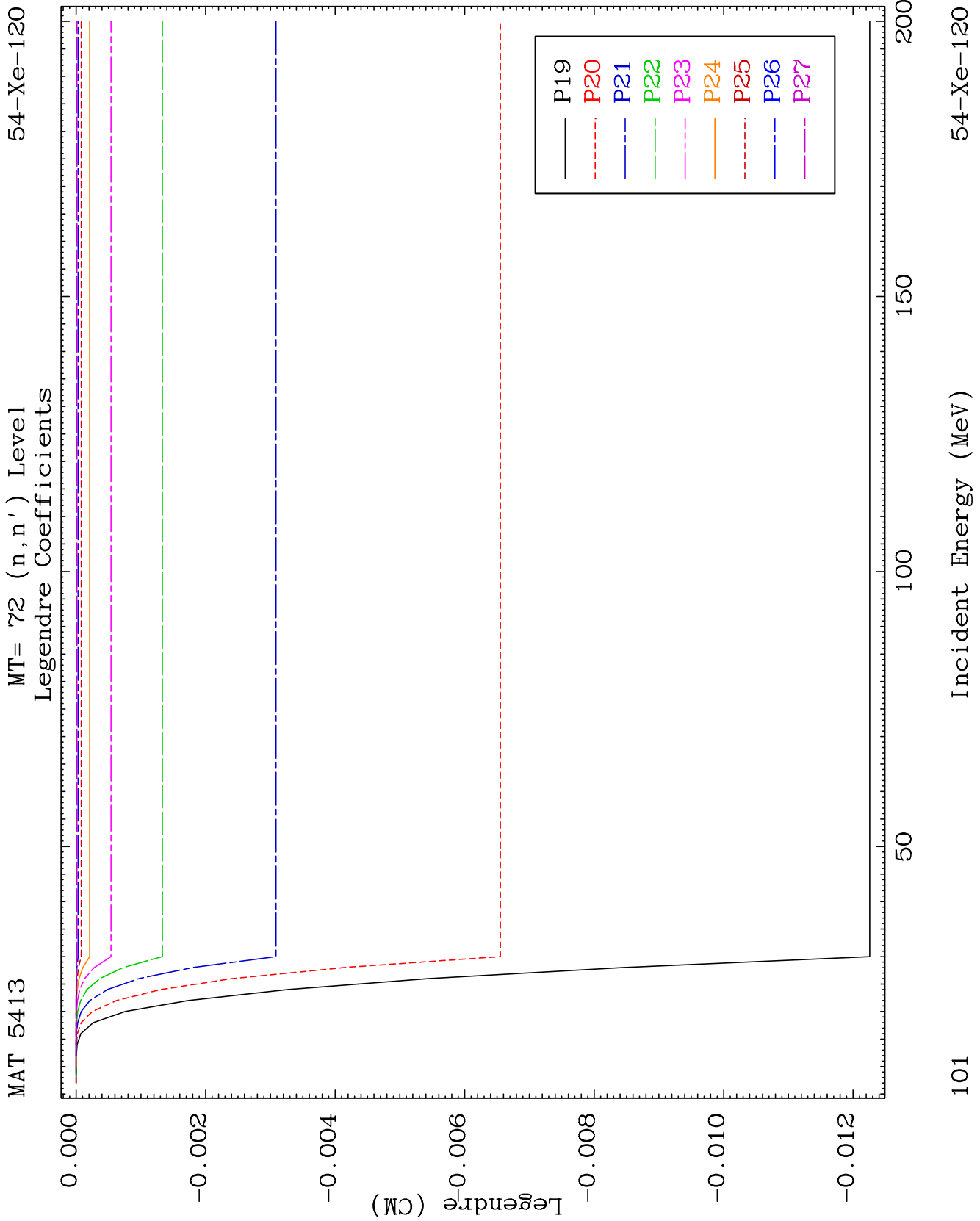
MAT 5413

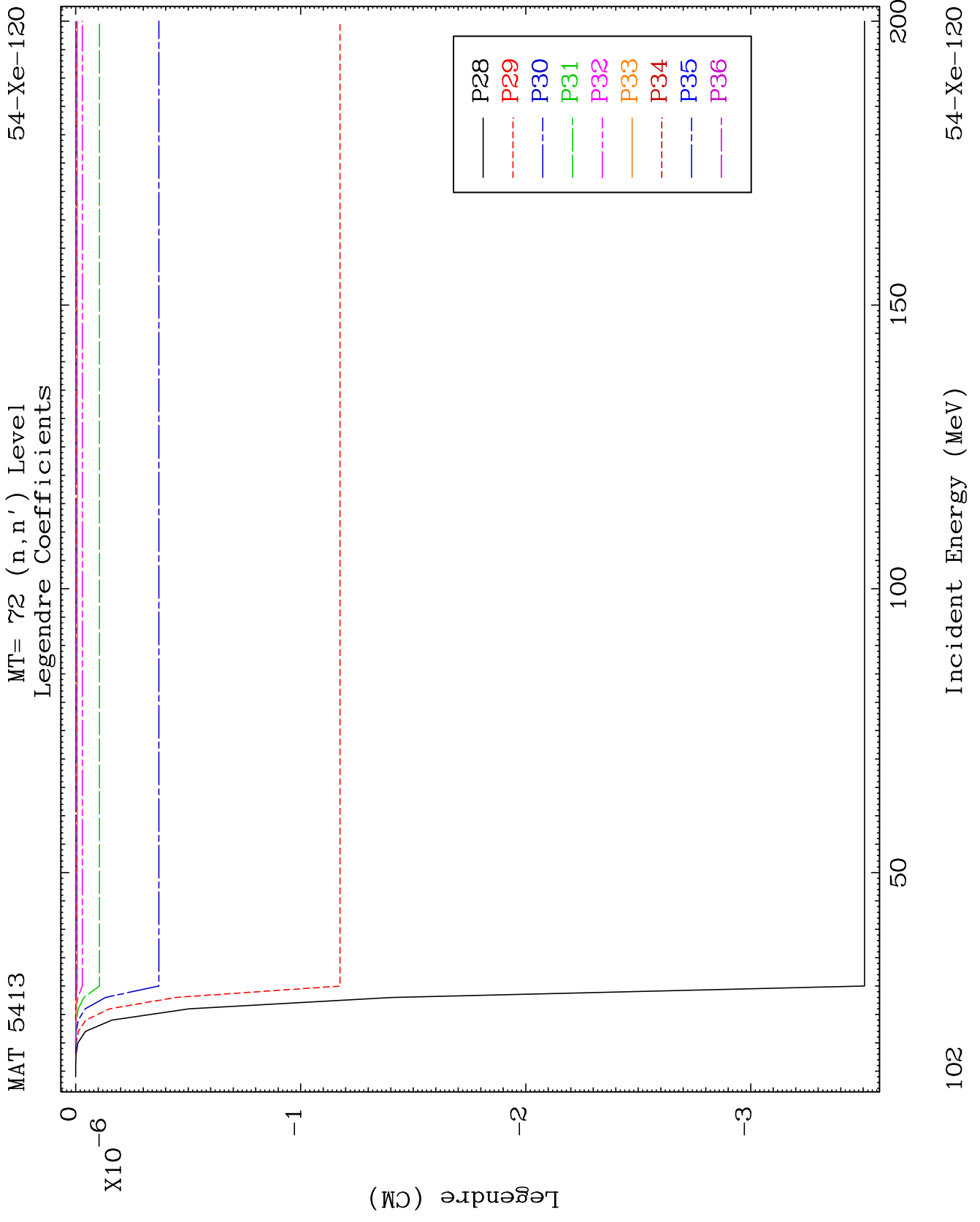
MT= 72 (n,n') Level

54-Xe-120

Legendre Coefficients



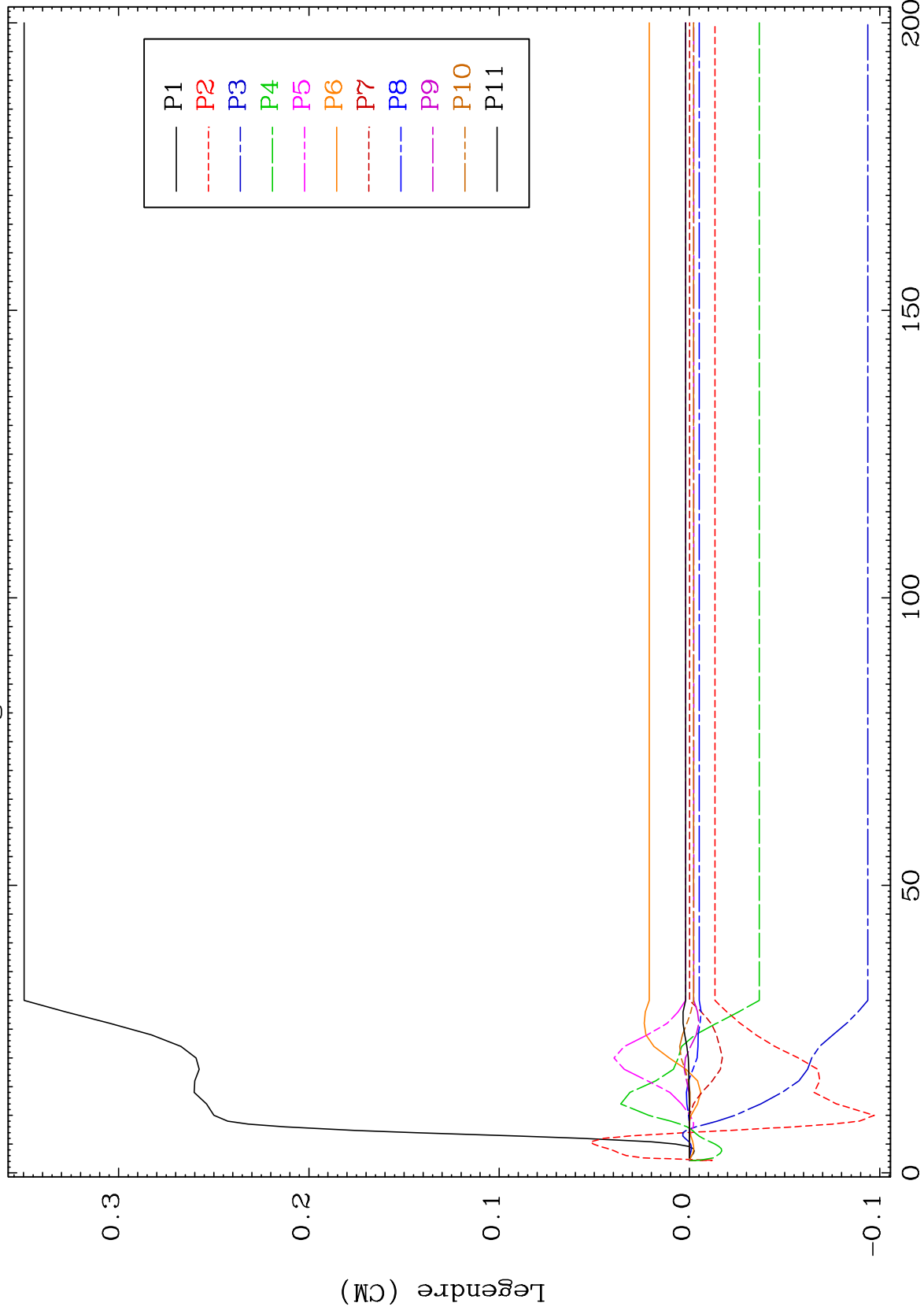




MAT 5413

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

54-Xe-120



103

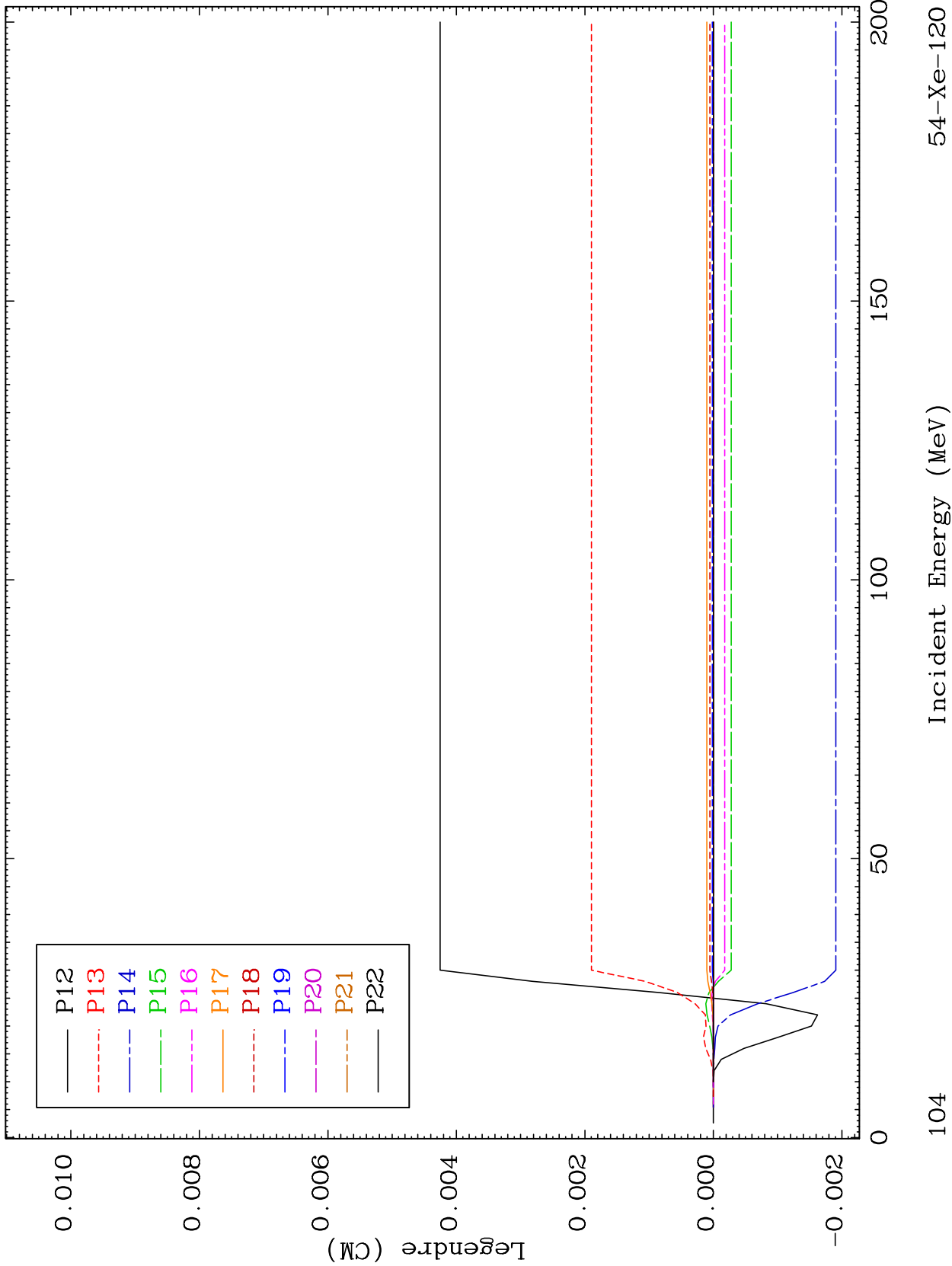
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

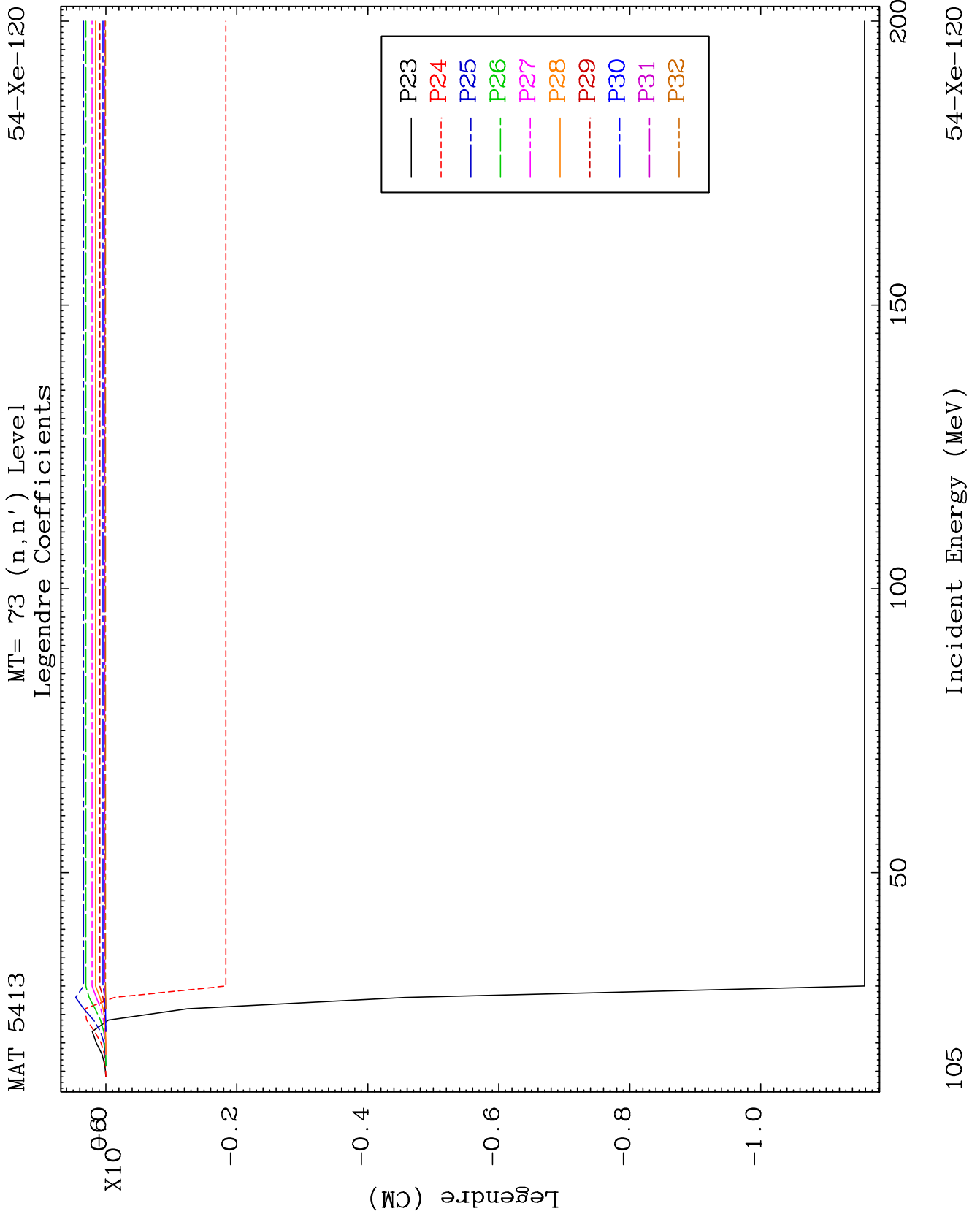
54-Xe-120



104

Incident Energy (MeV)

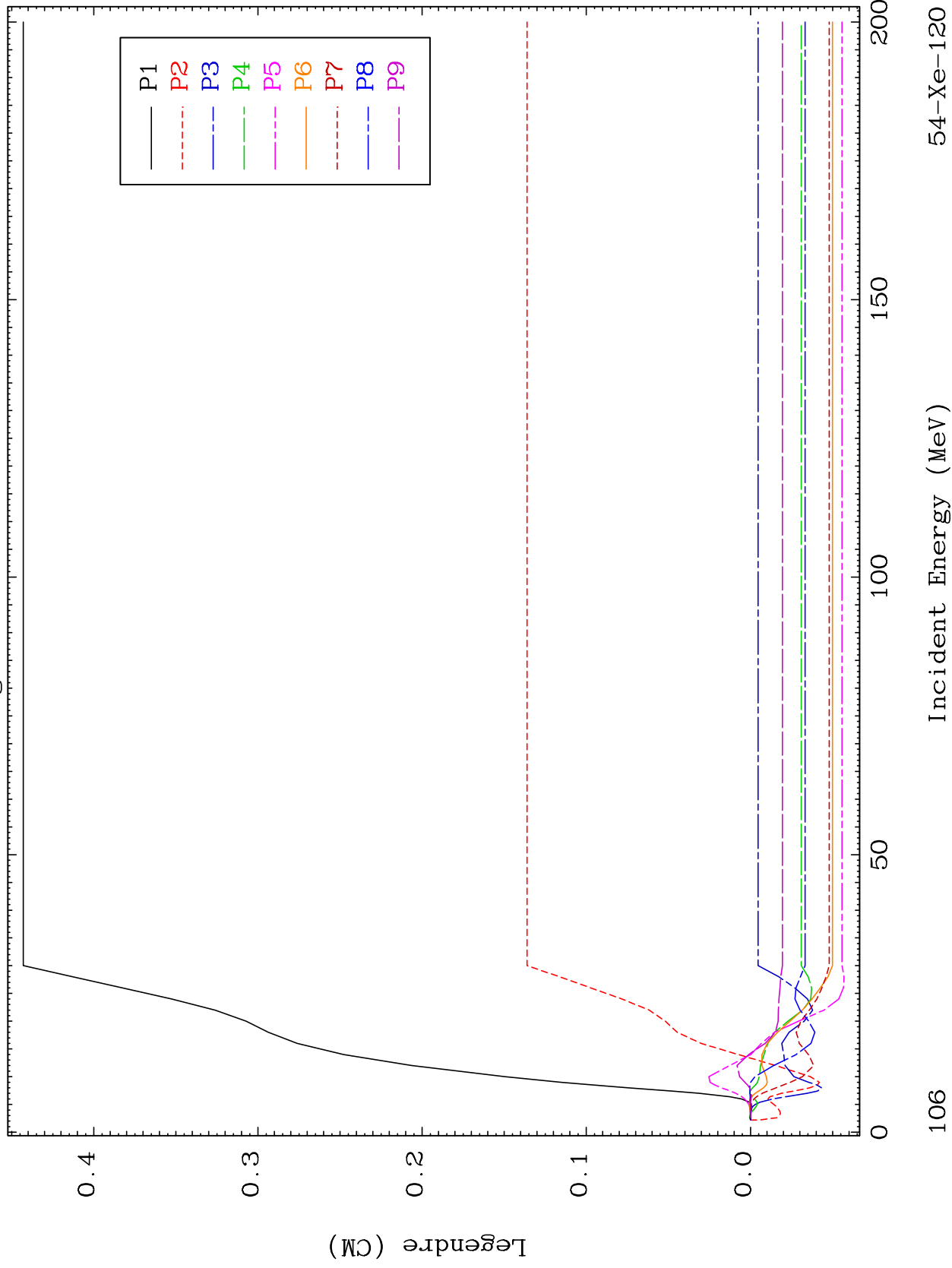
54-Xe-120



MAT 5413

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

54-Xe-120



106

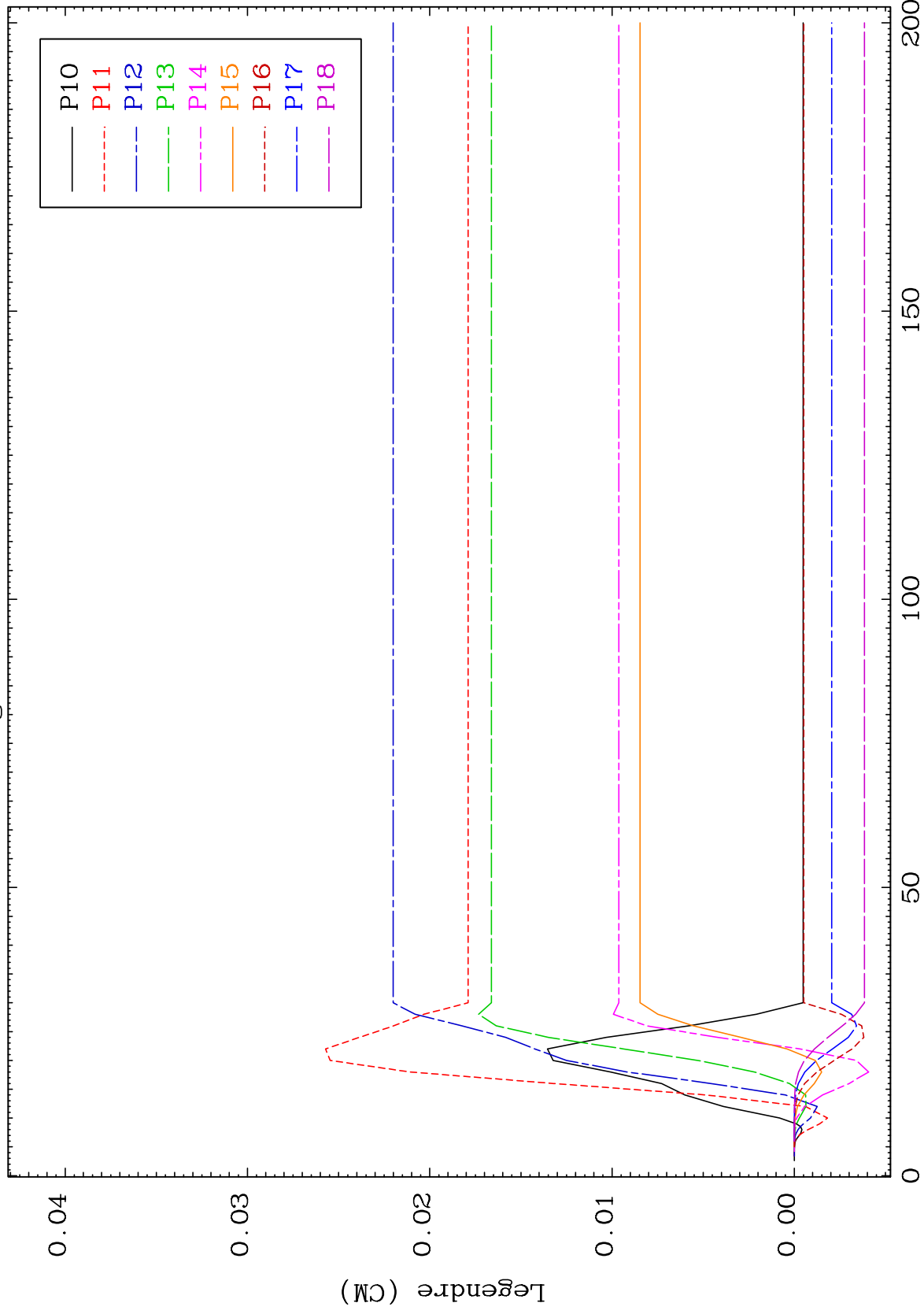
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



107

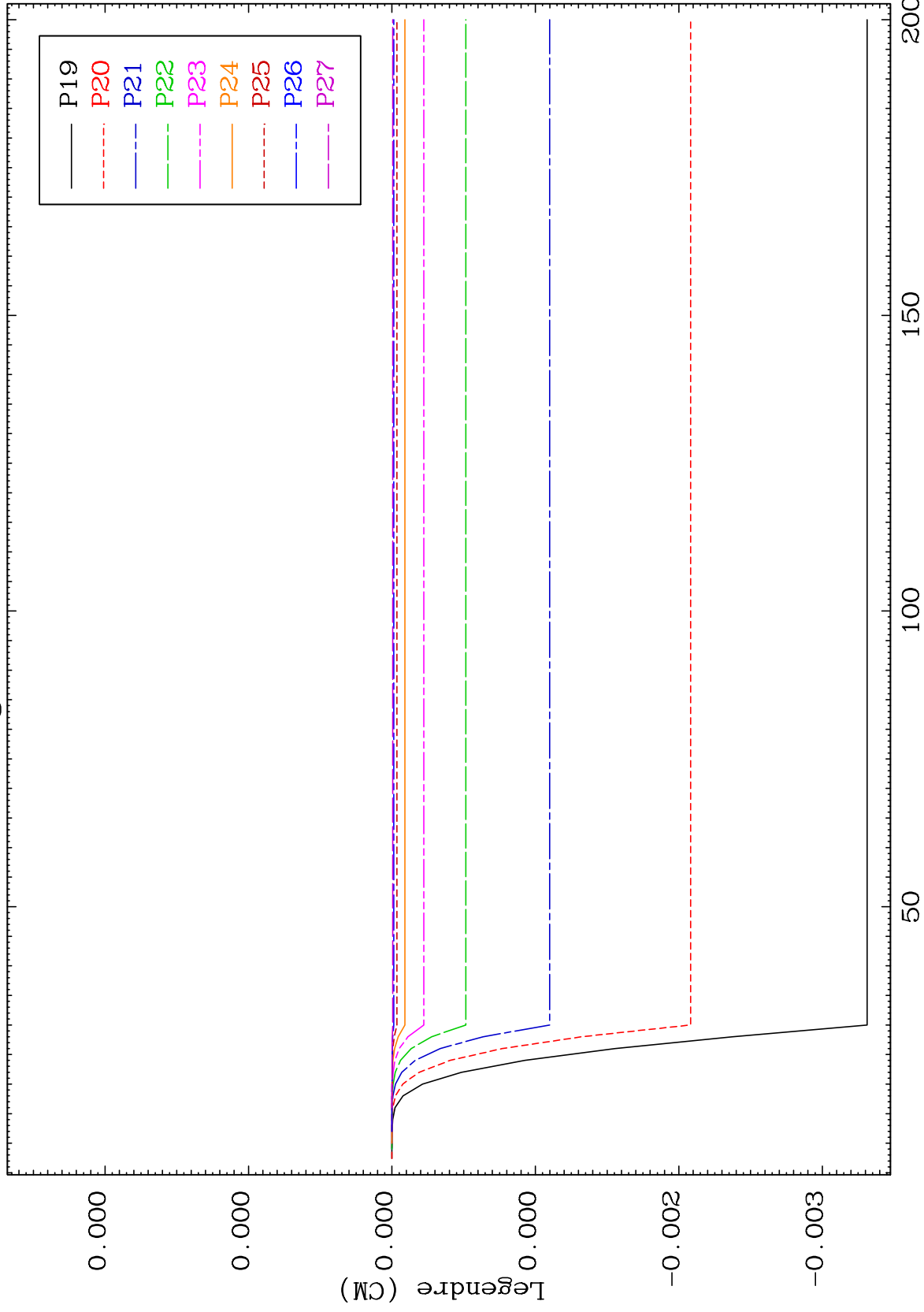
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

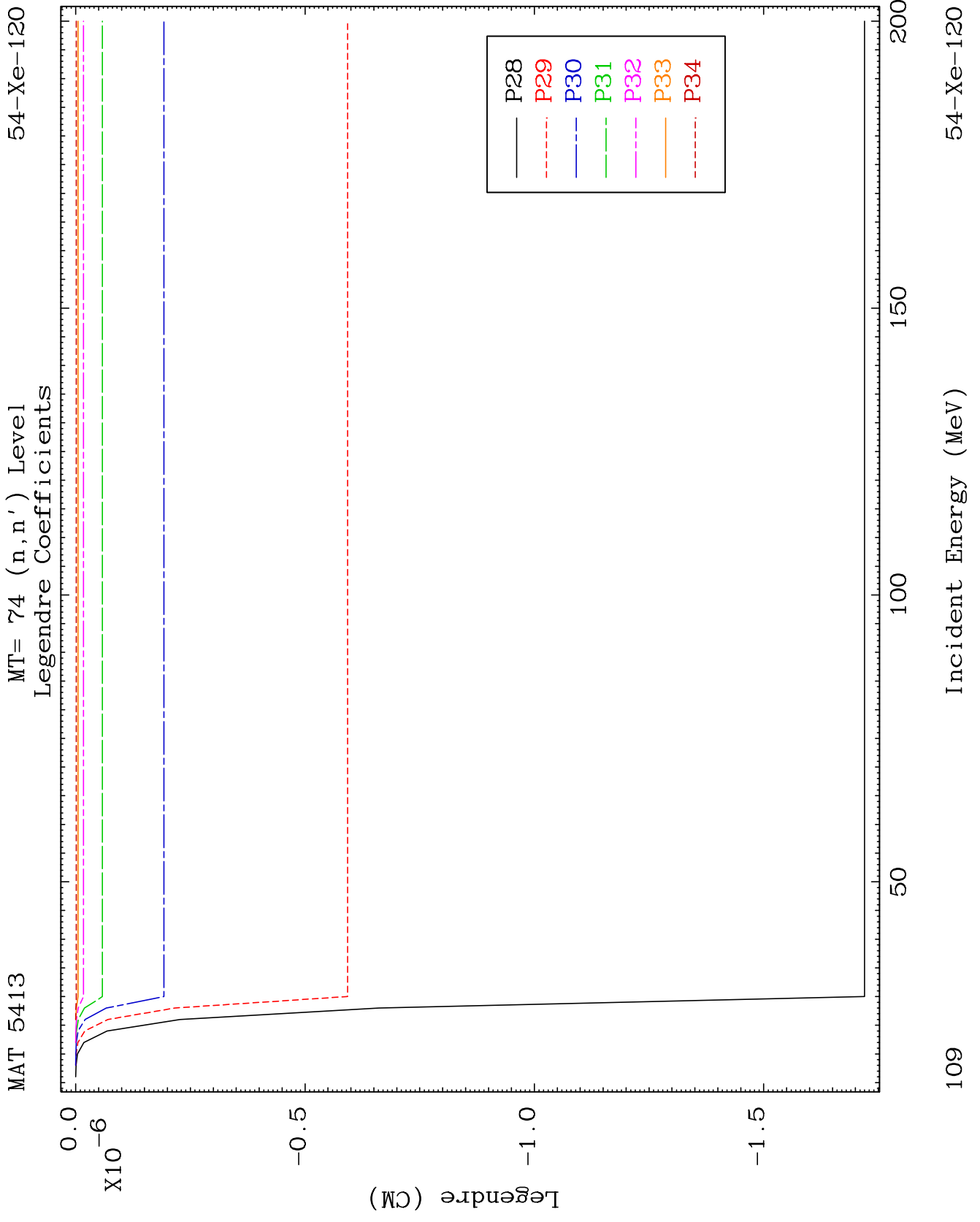
54-Xe-120



108

Incident Energy (MeV)

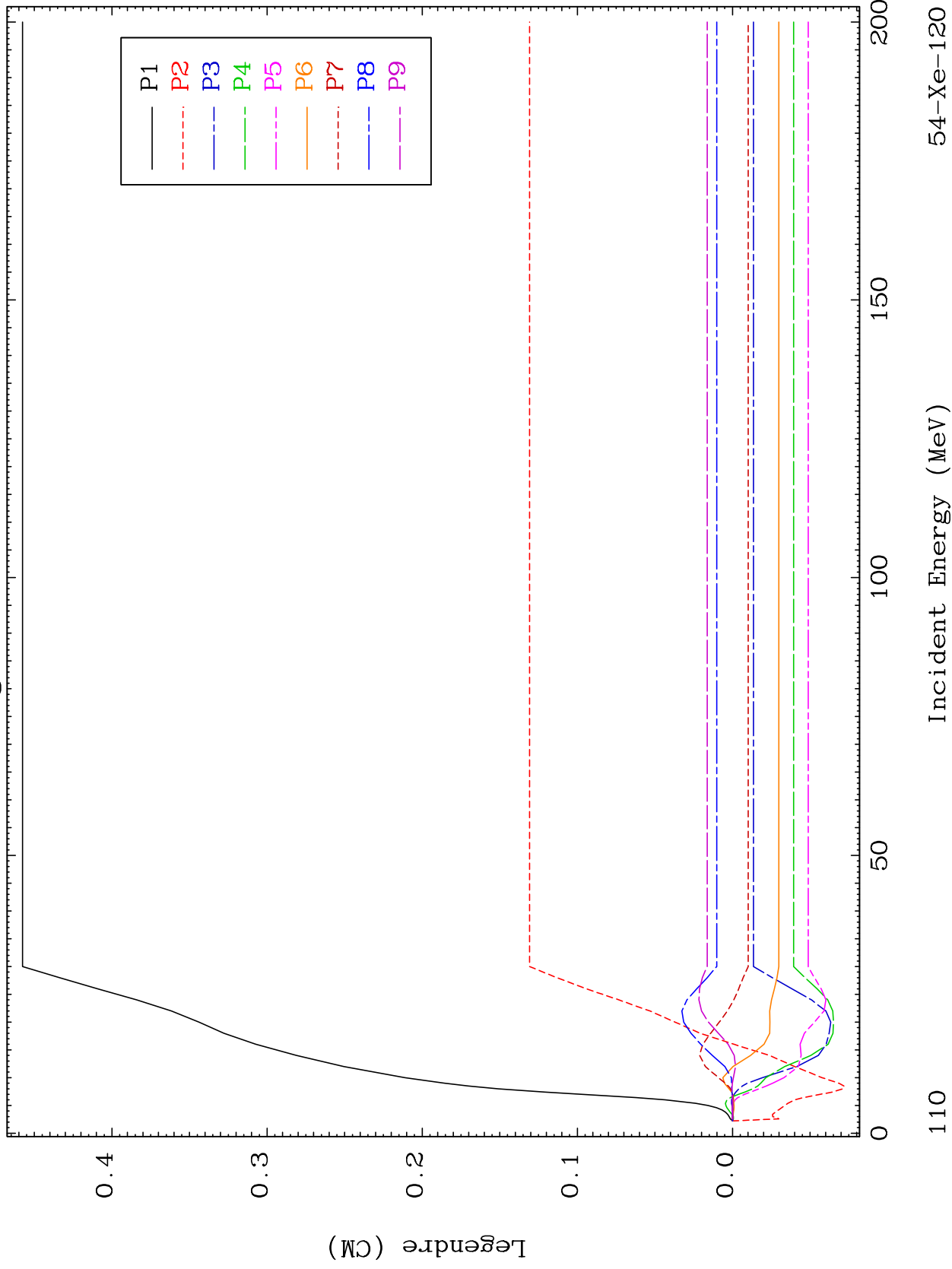
54-Xe-120



MAT 5413

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

54-Xe-120



54-Xe-120

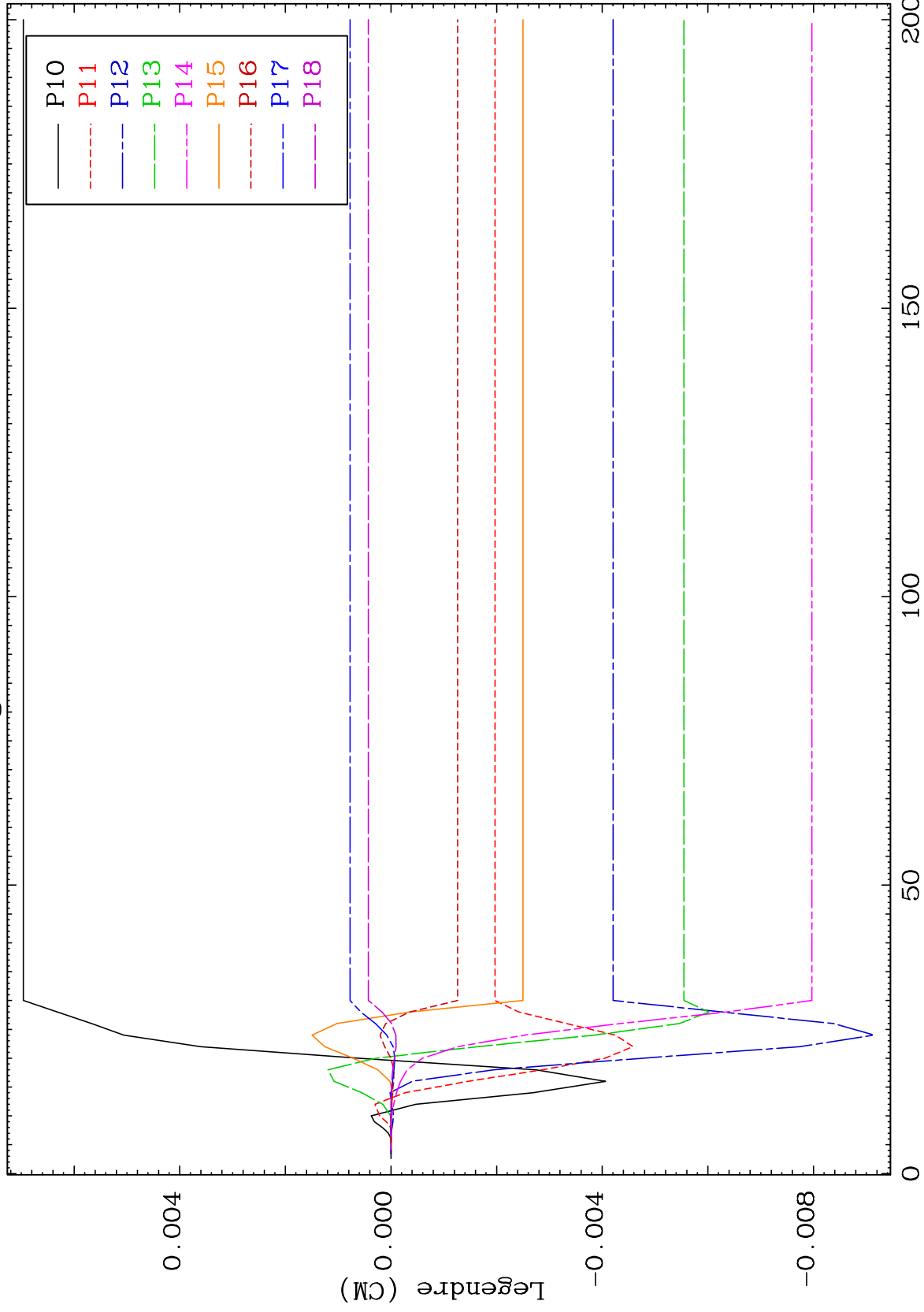
Incident Energy (MeV)

110

MAT 5413

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

54-Xe-120



111

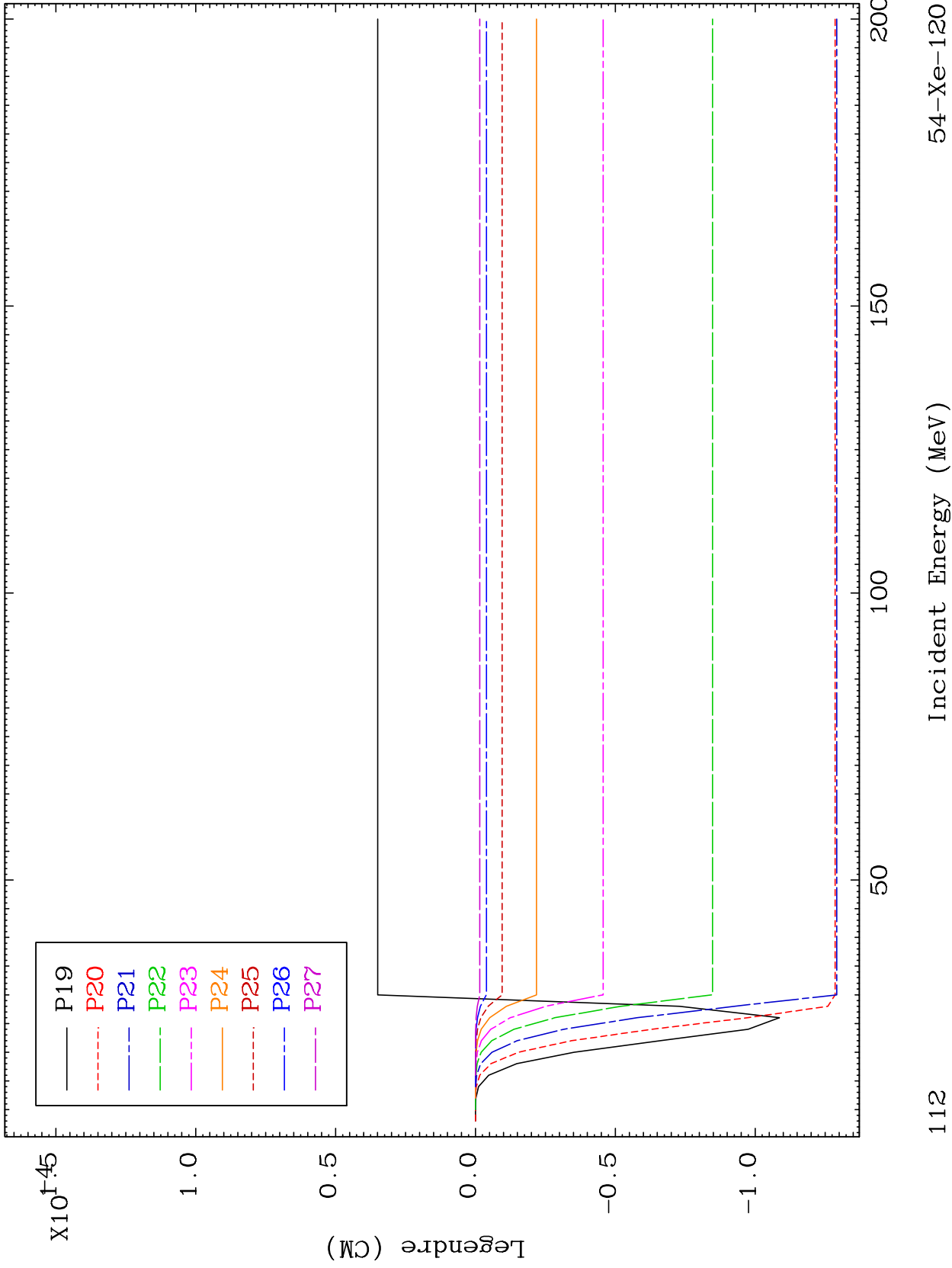
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

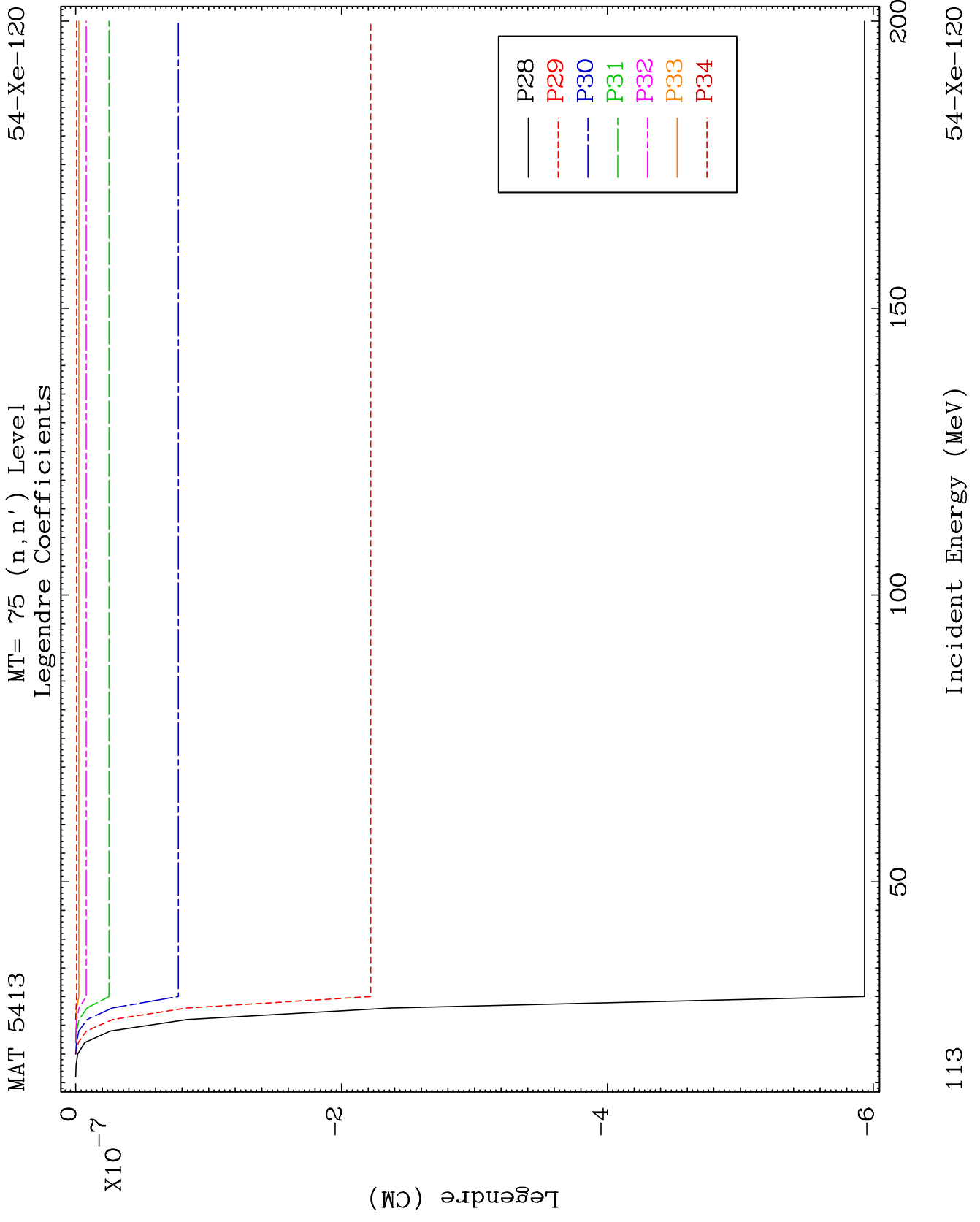
54-Xe-120

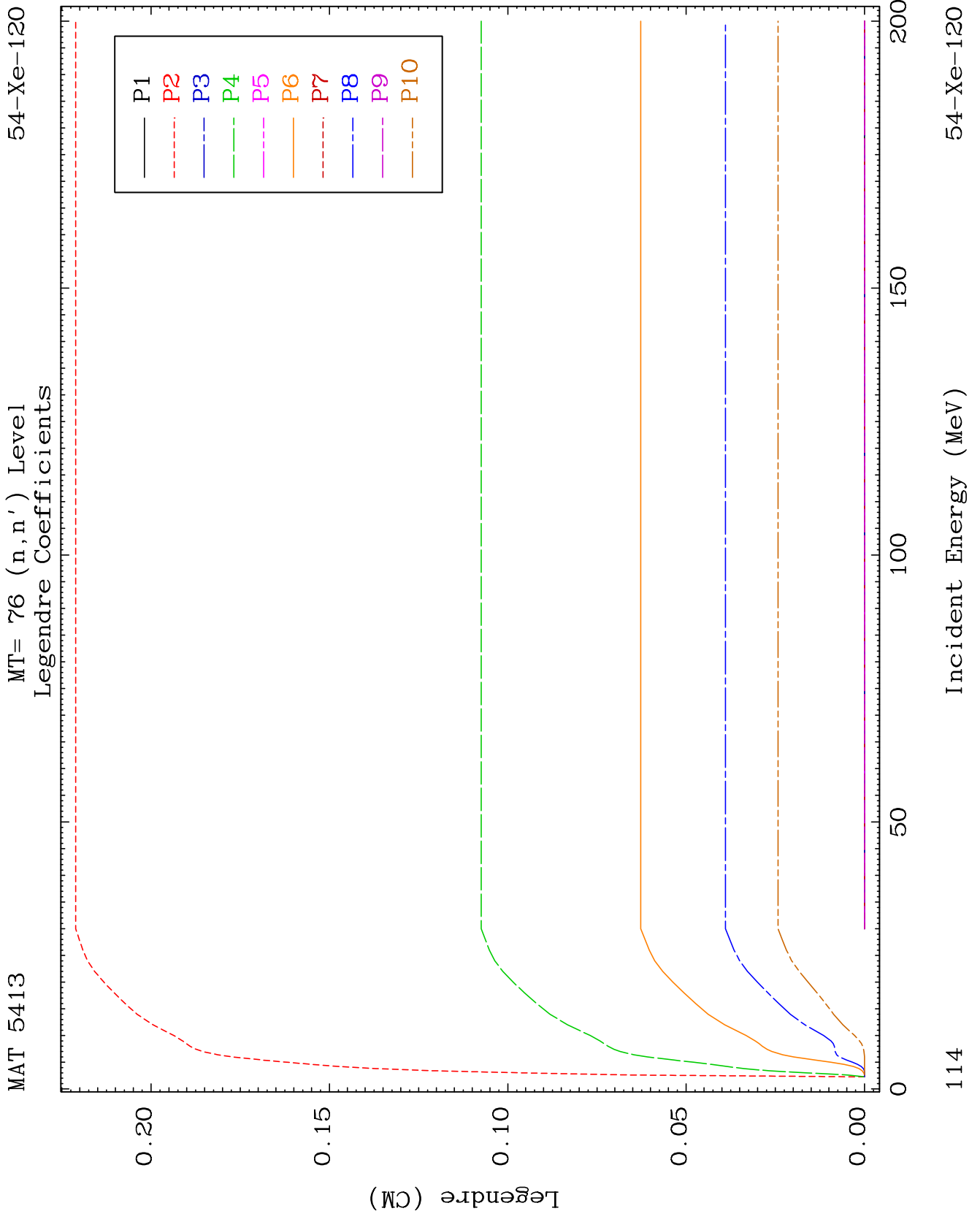


112

Incident Energy (MeV)

54-Xe-120

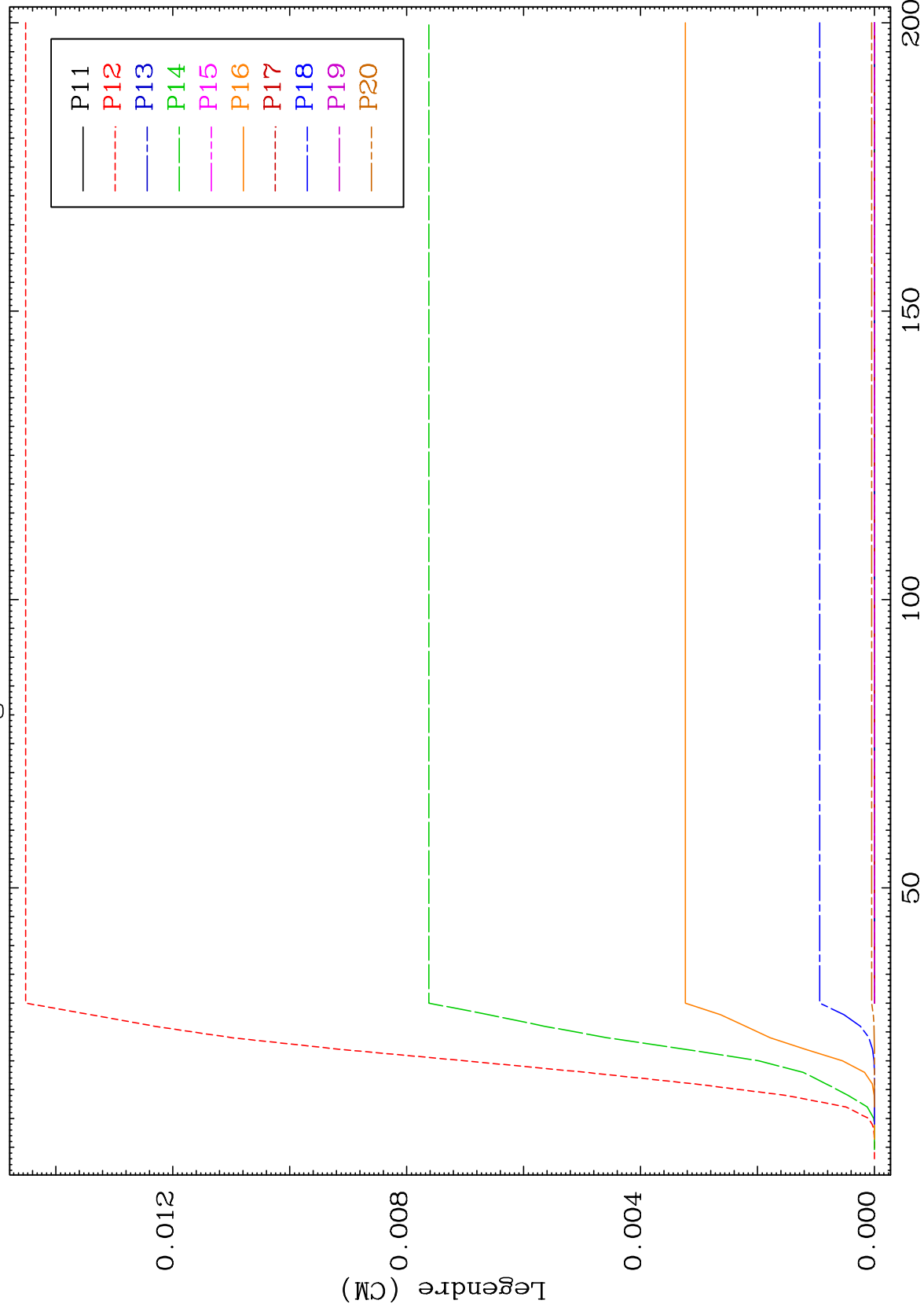




MAT 5413

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

54-Xe-120



115

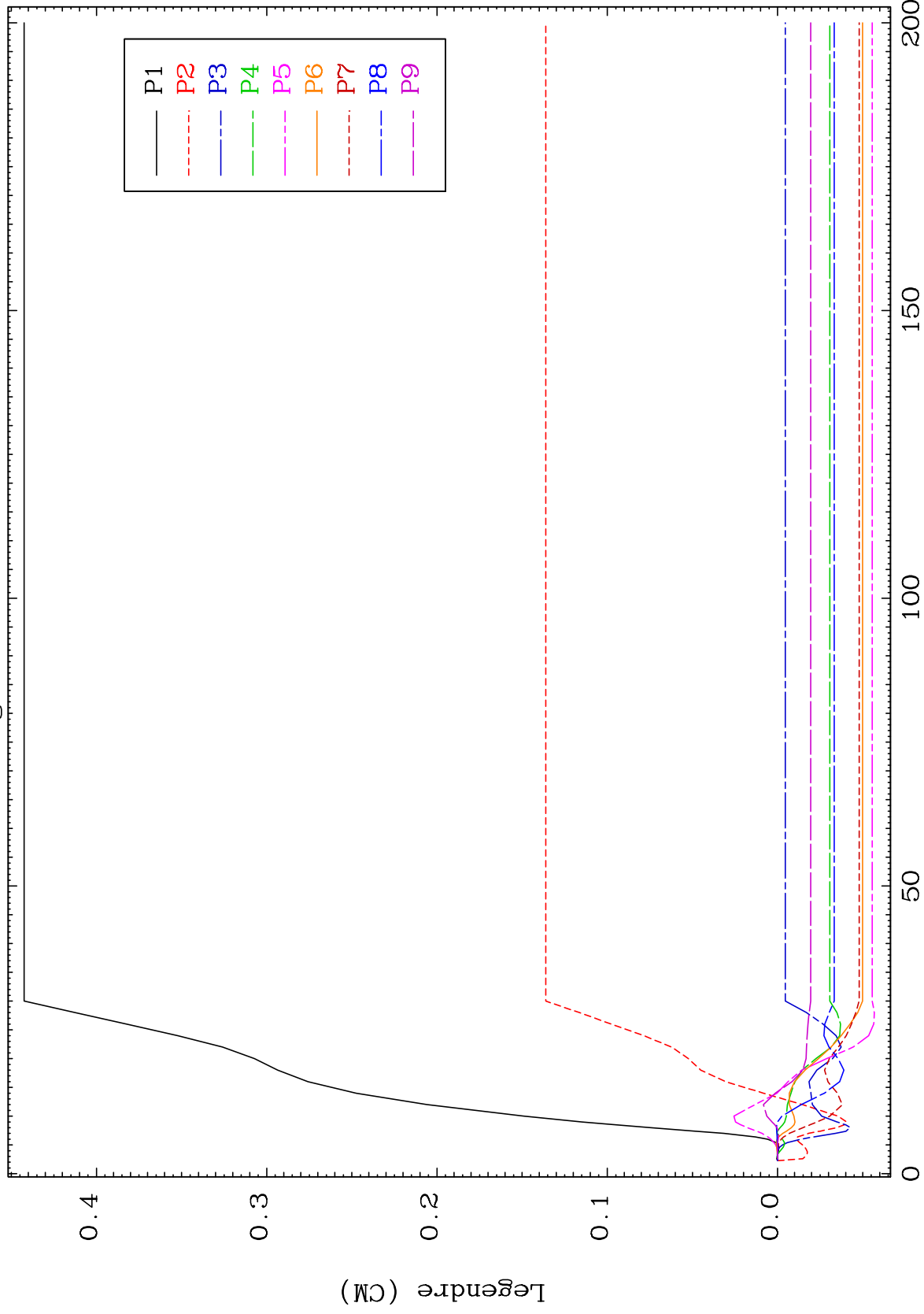
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



117

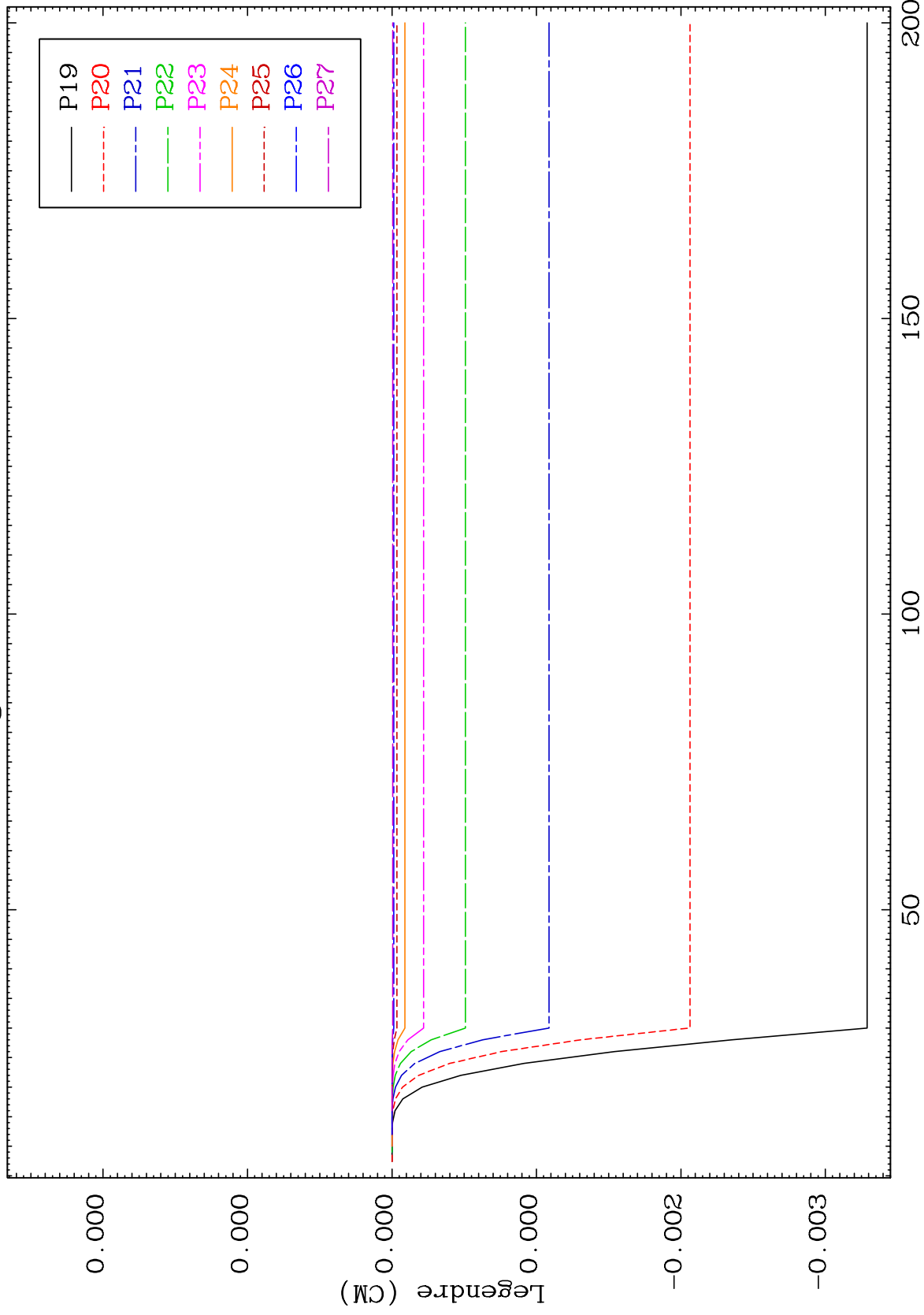
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

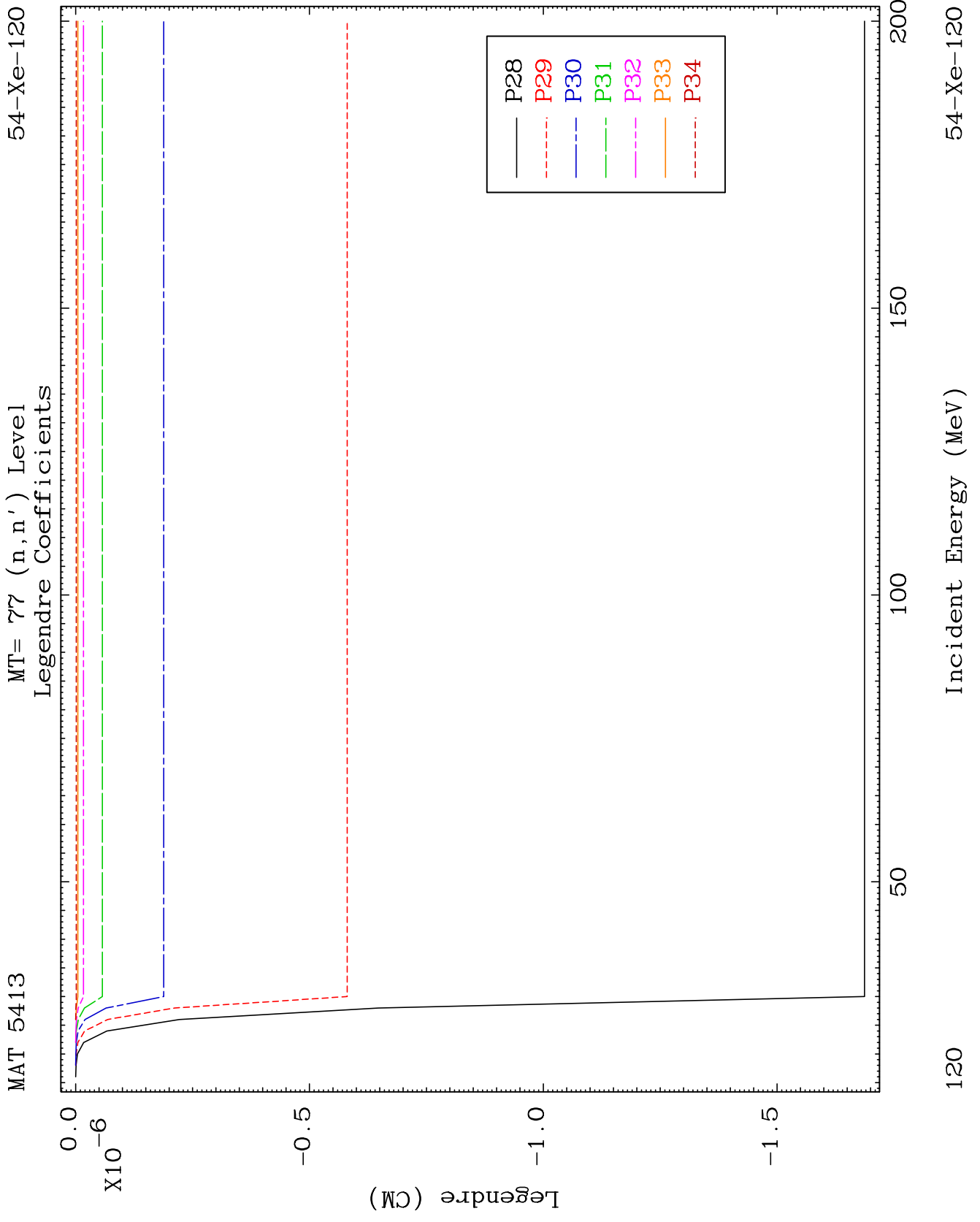
54-Xe-120



119

Incident Energy (MeV)

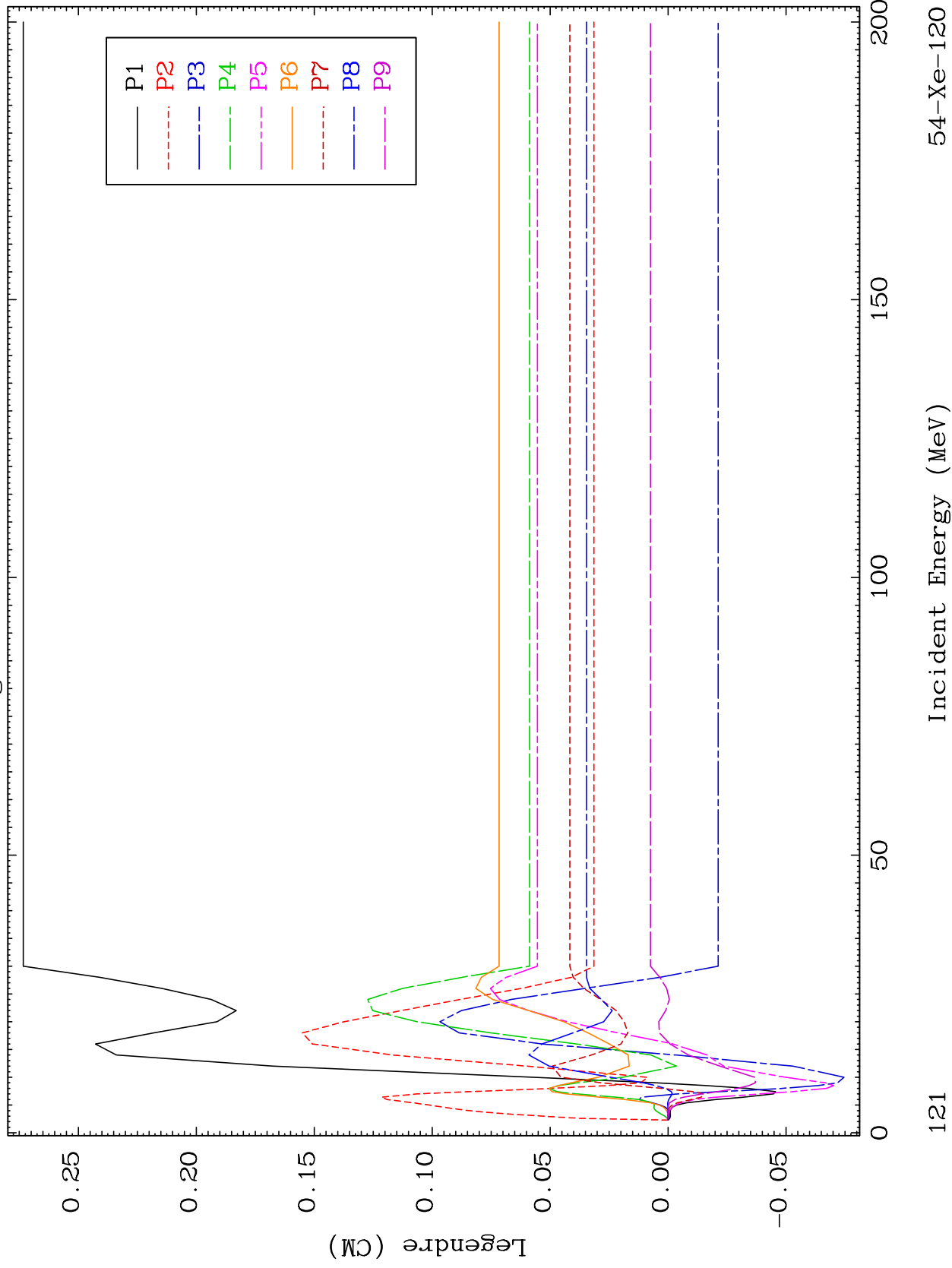
54-Xe-120



MAT 5413

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

54-Xe-120



54-Xe-120

Incident Energy (MeV)

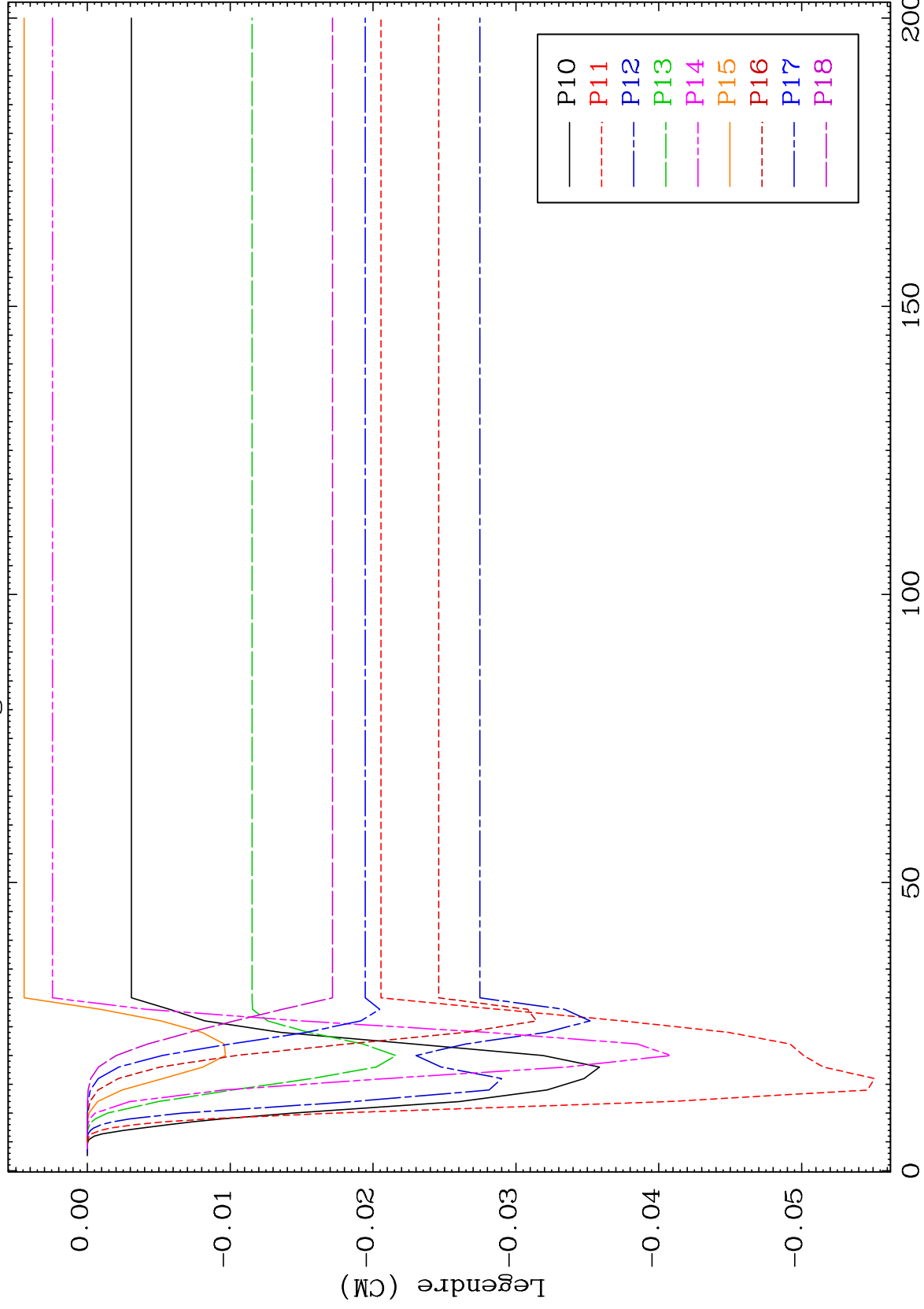
121

MAT 5413

MT= 78 (n,n') Level

54-Xe-120

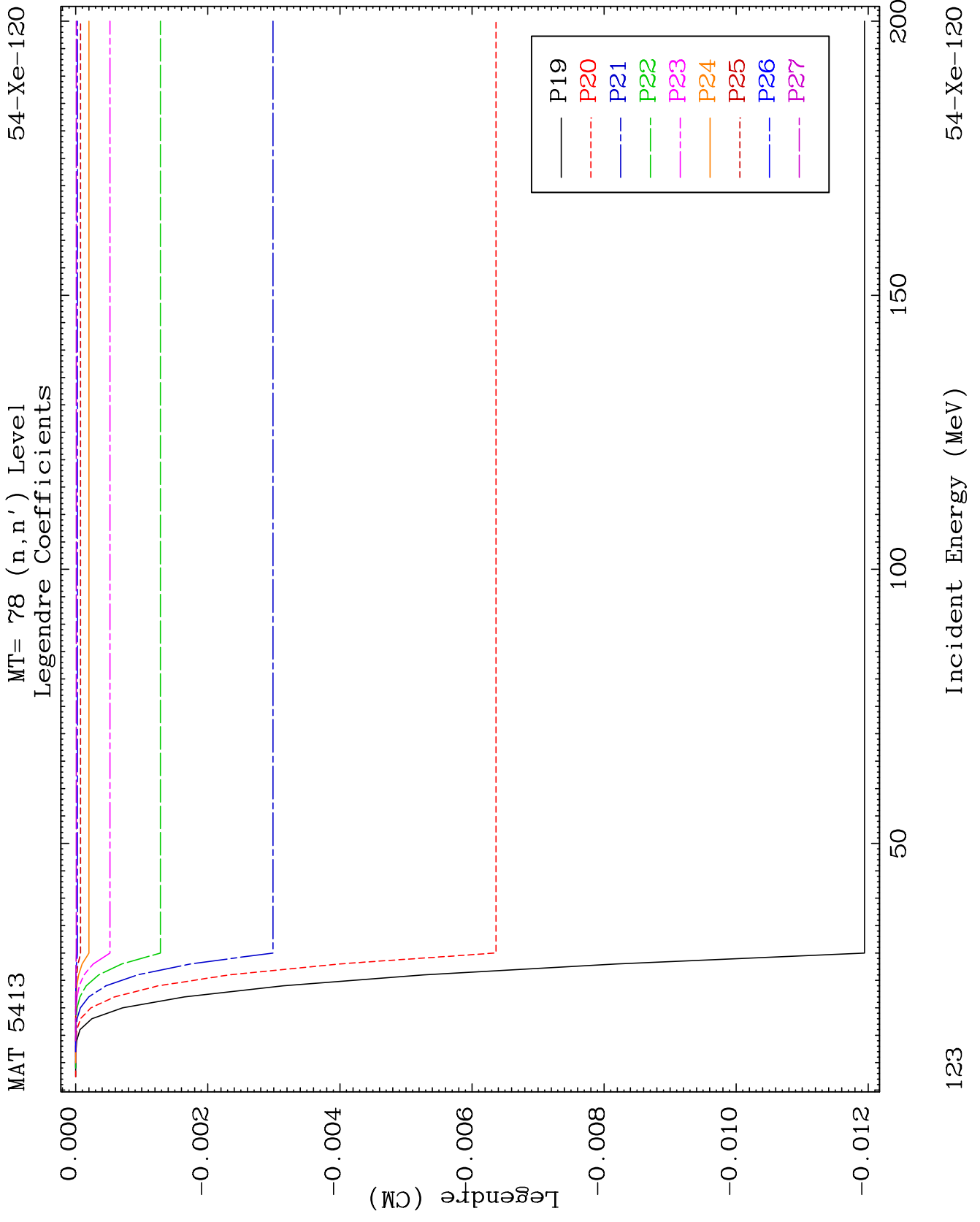
Legendre Coefficients

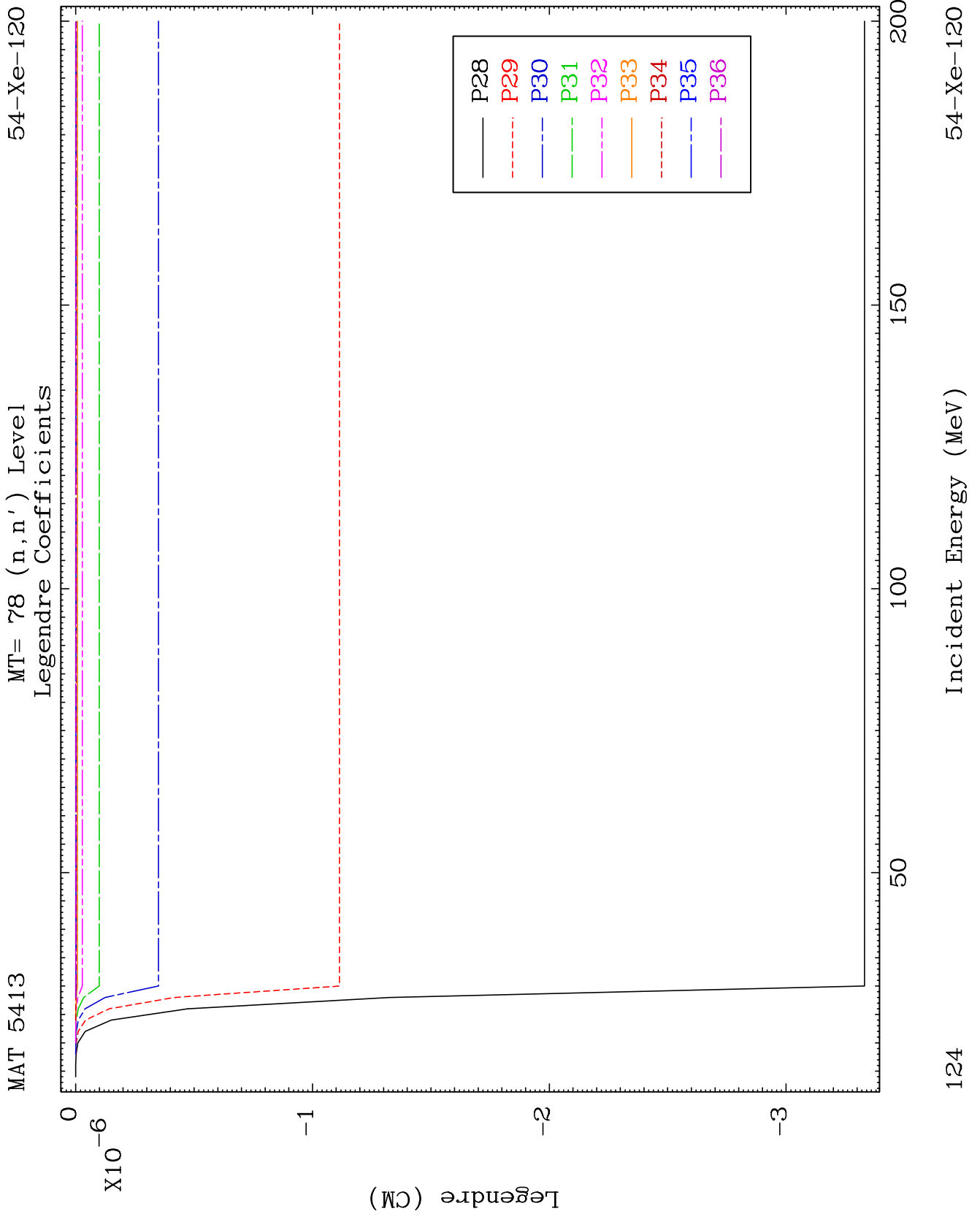


122

Incident Energy (MeV)

54-Xe-120



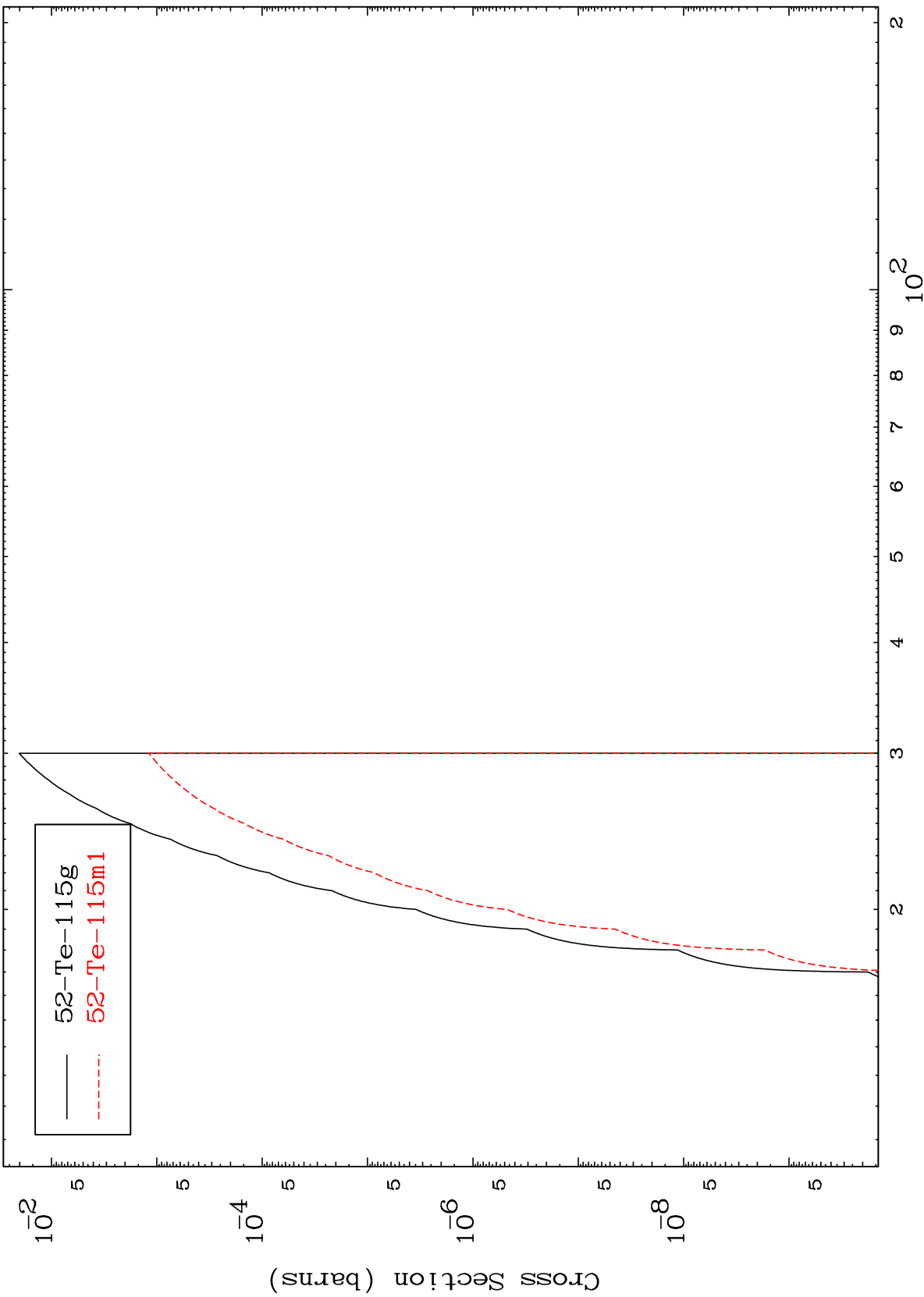


MAT 5413

(n,2n) α

54-Xe-120

Radionuclide Production Cross Section



125

Incident Energy (MeV)

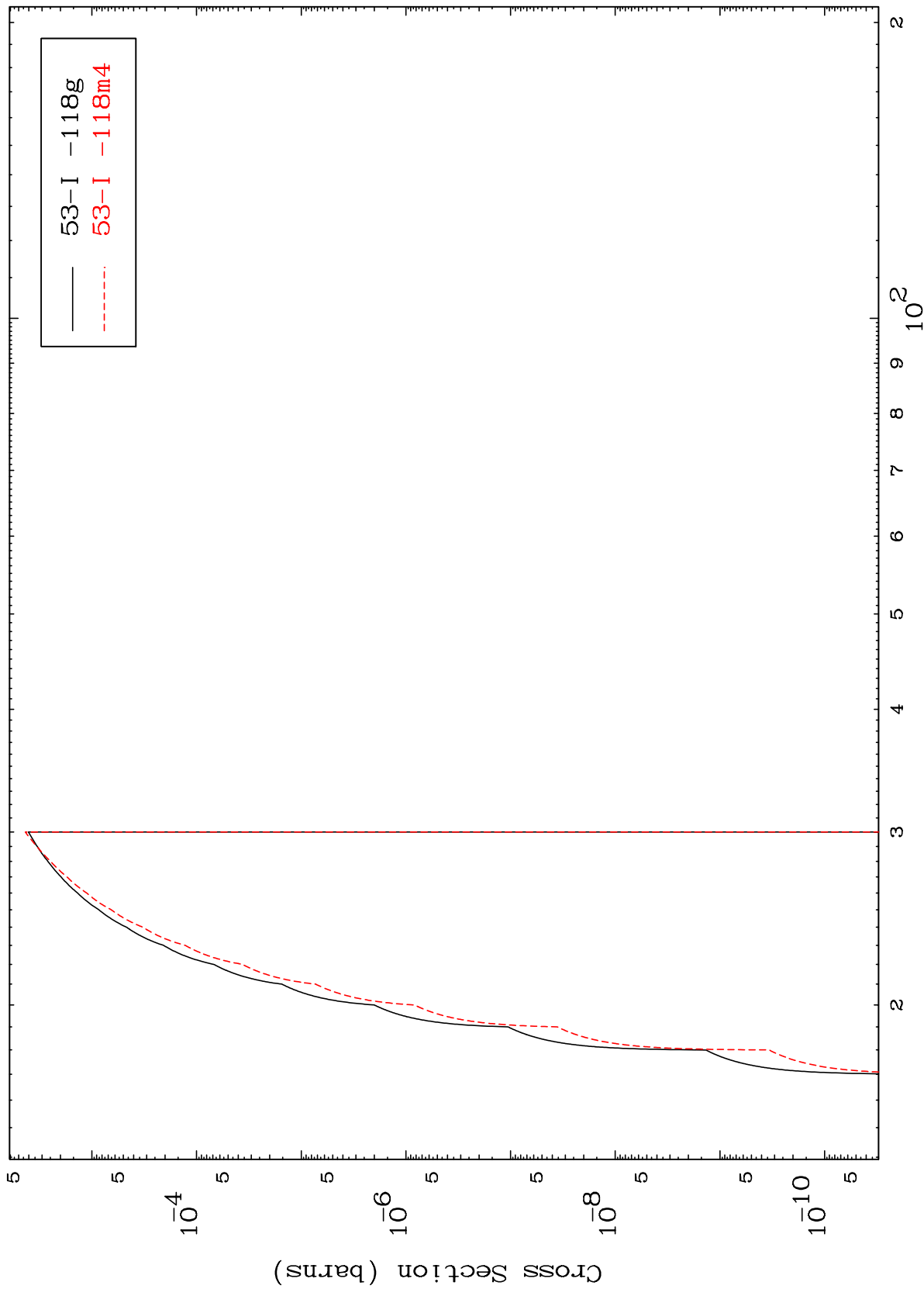
54-Xe-120

MAT 5413

(n,n') d

54-Xe-120

Radionuclide Production Cross Section



126

Incident Energy (MeV)

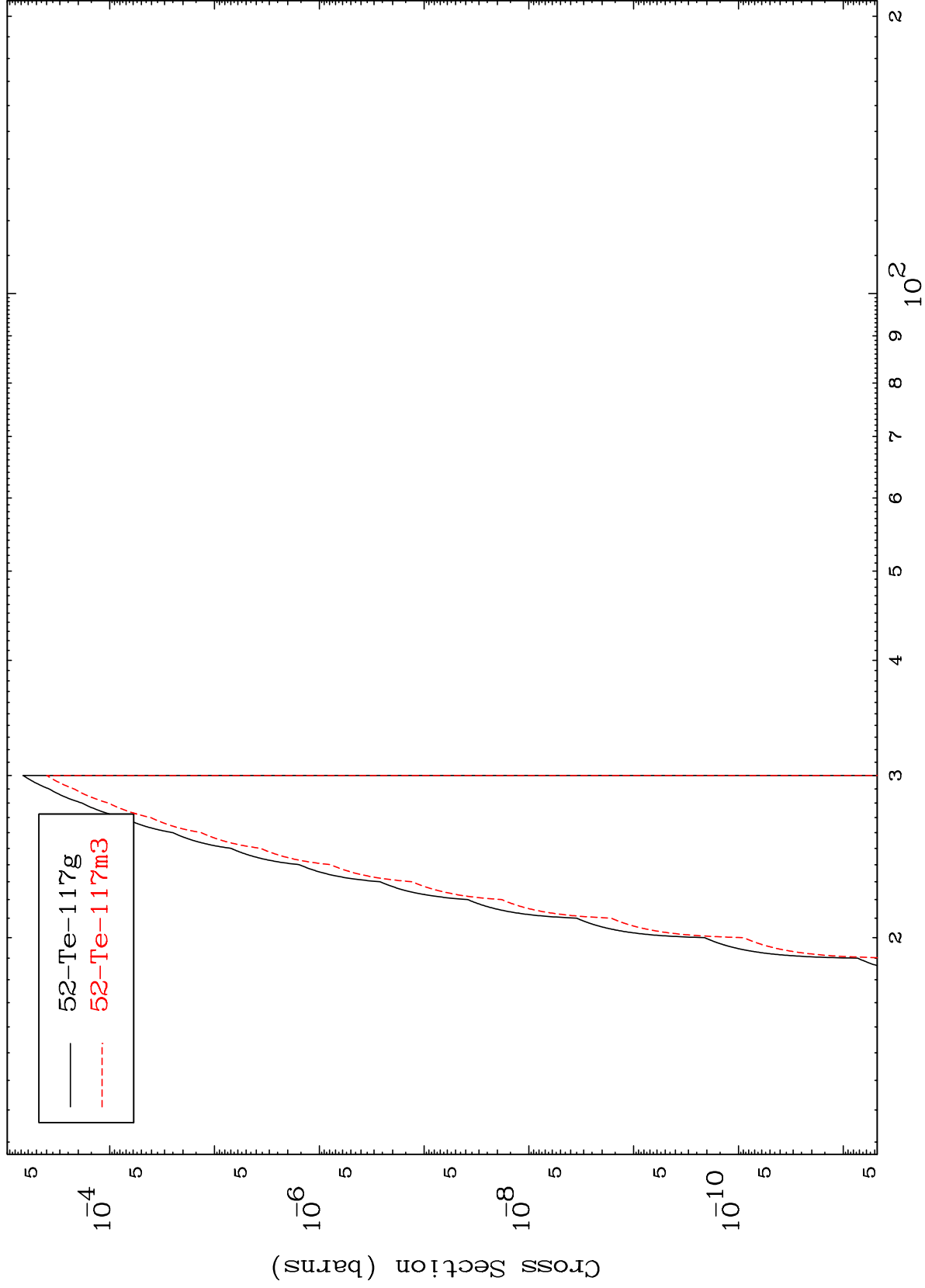
54-Xe-120

MAT 5413

(n,n') He-3

54-Xe-120

Radionuclide Production Cross Section

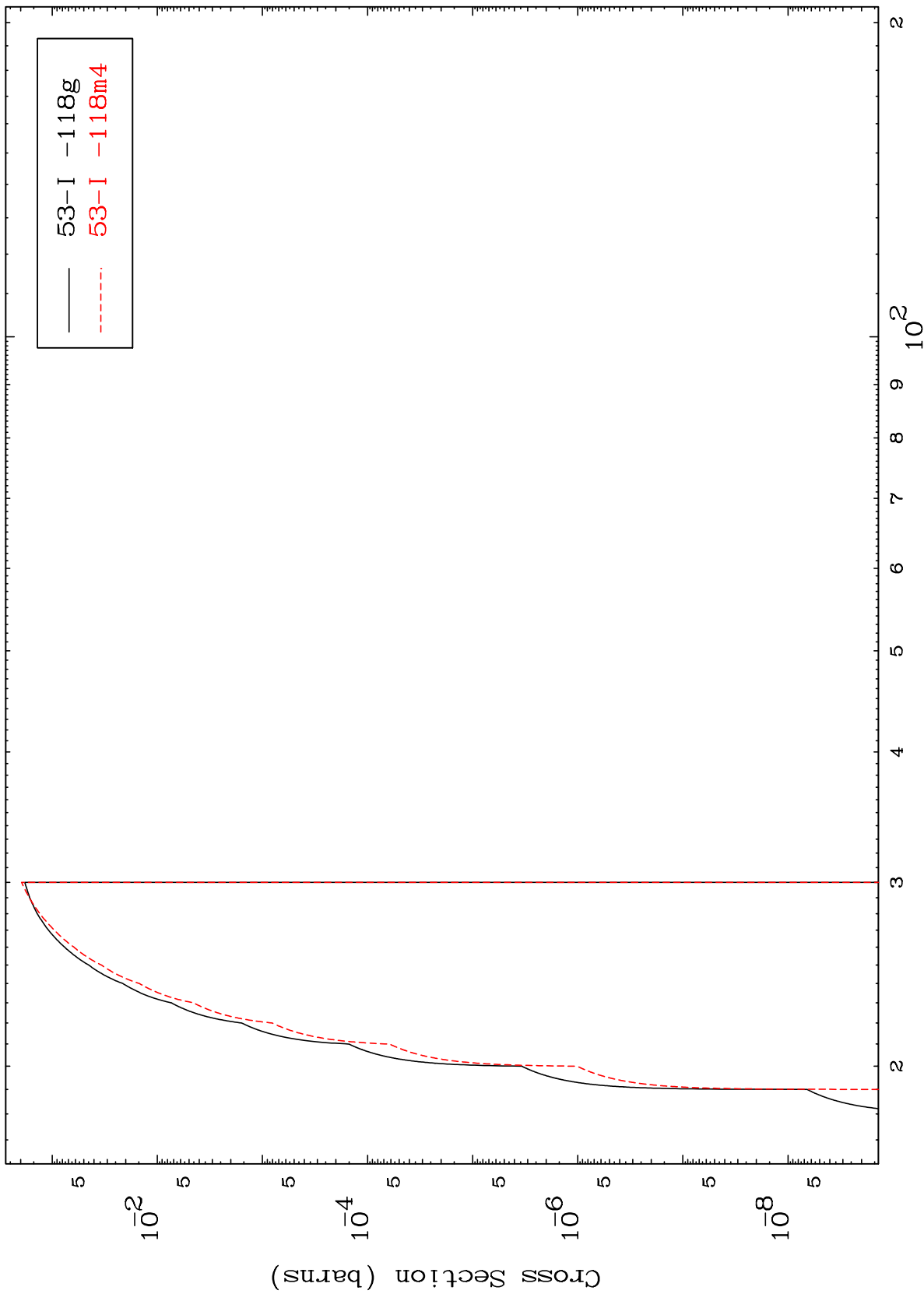


Incident Energy (MeV)

54-Xe-120

127

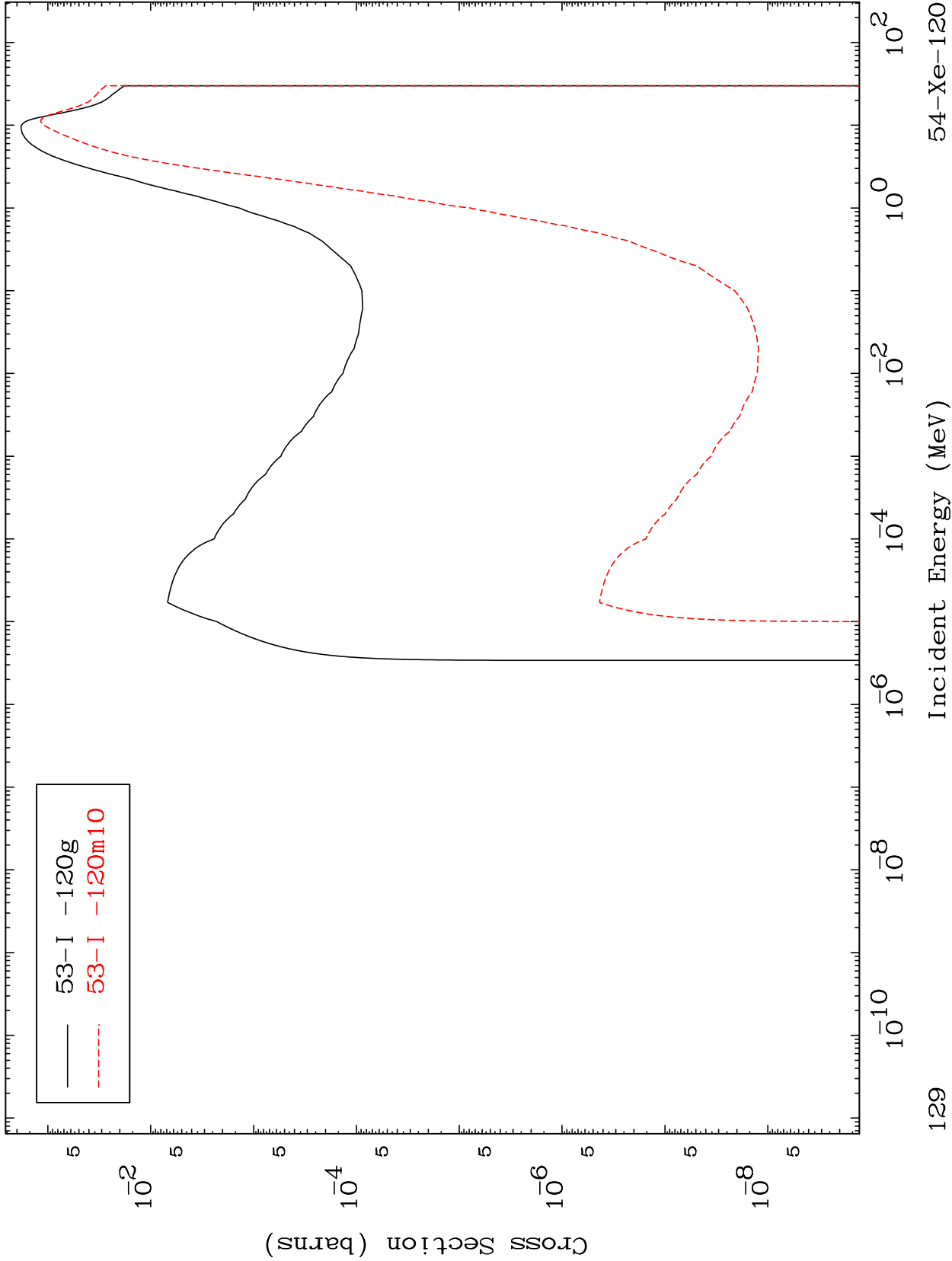
Radionuclide Production Cross Section



MAT 5413

54-Xe-120

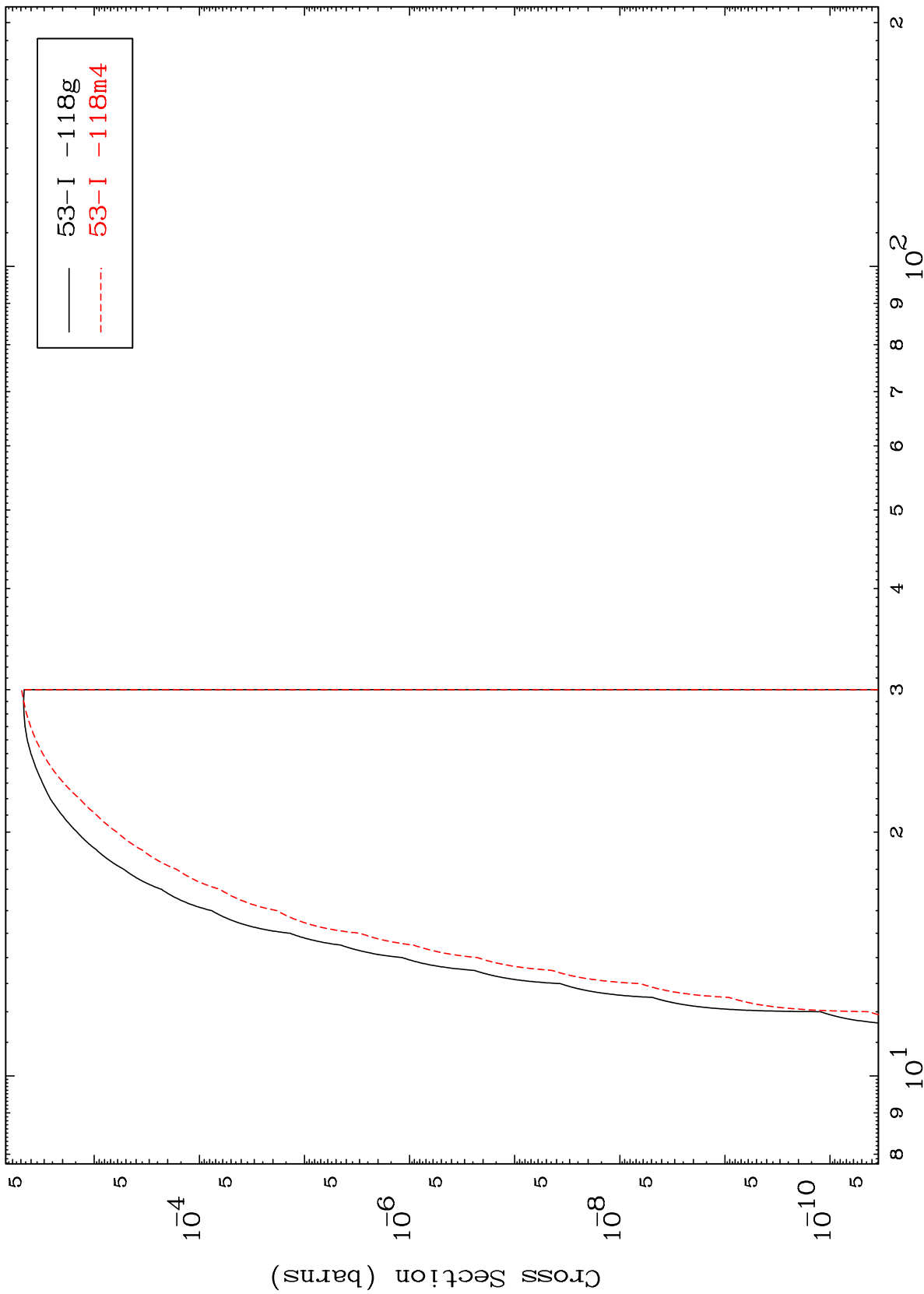
(n,p)
Radionuclide Production Cross Section



MAT 5413

54-Xe-120

(n,t)
Radionuclide Production Cross Section



130

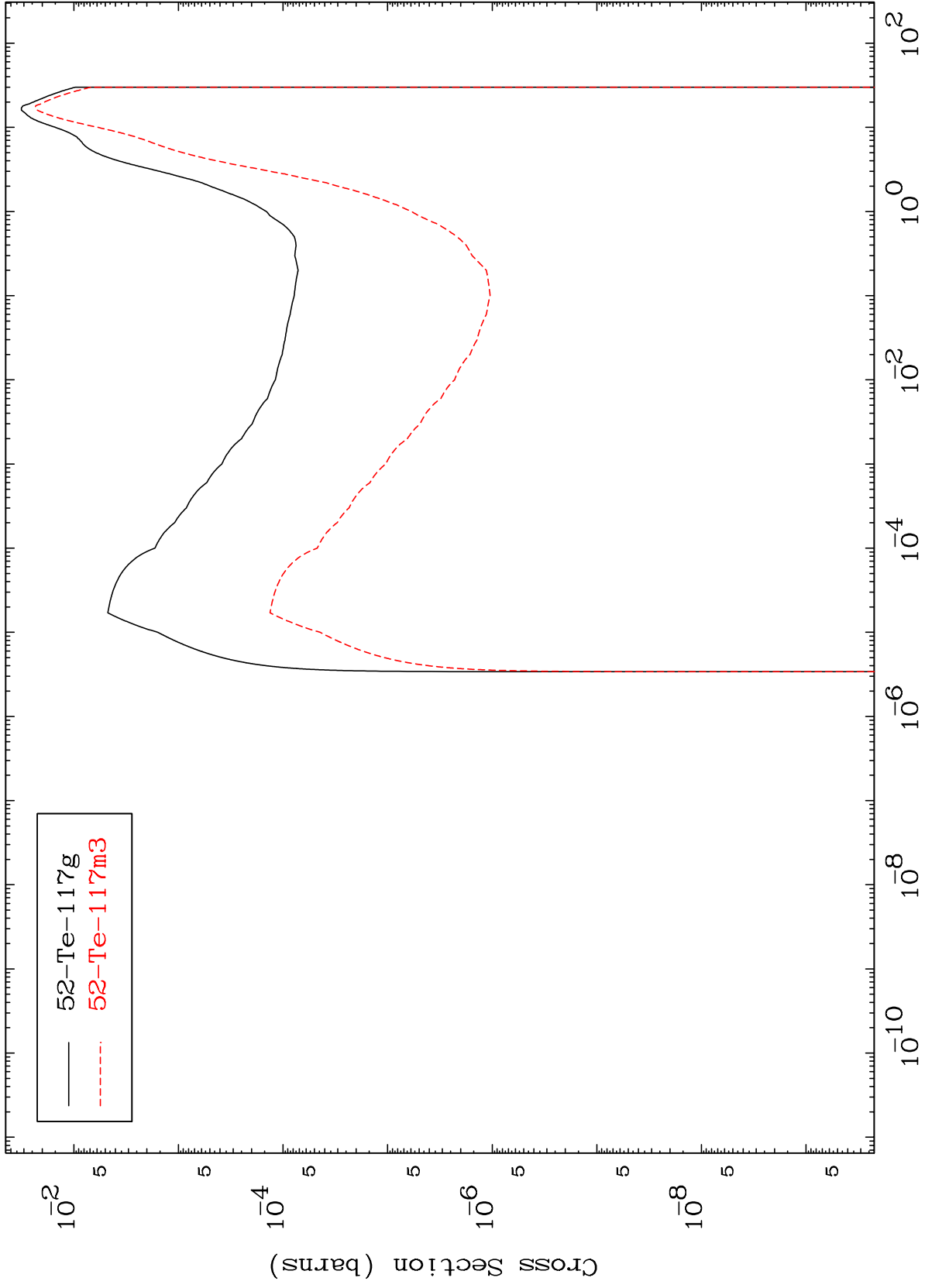
Incident Energy (MeV)

54-Xe-120

MAT 5413

54-Xe-120

(n, α)
Radionuclide Production Cross Section



— 52-Te-117g
- - - 52-Te-117m3

131

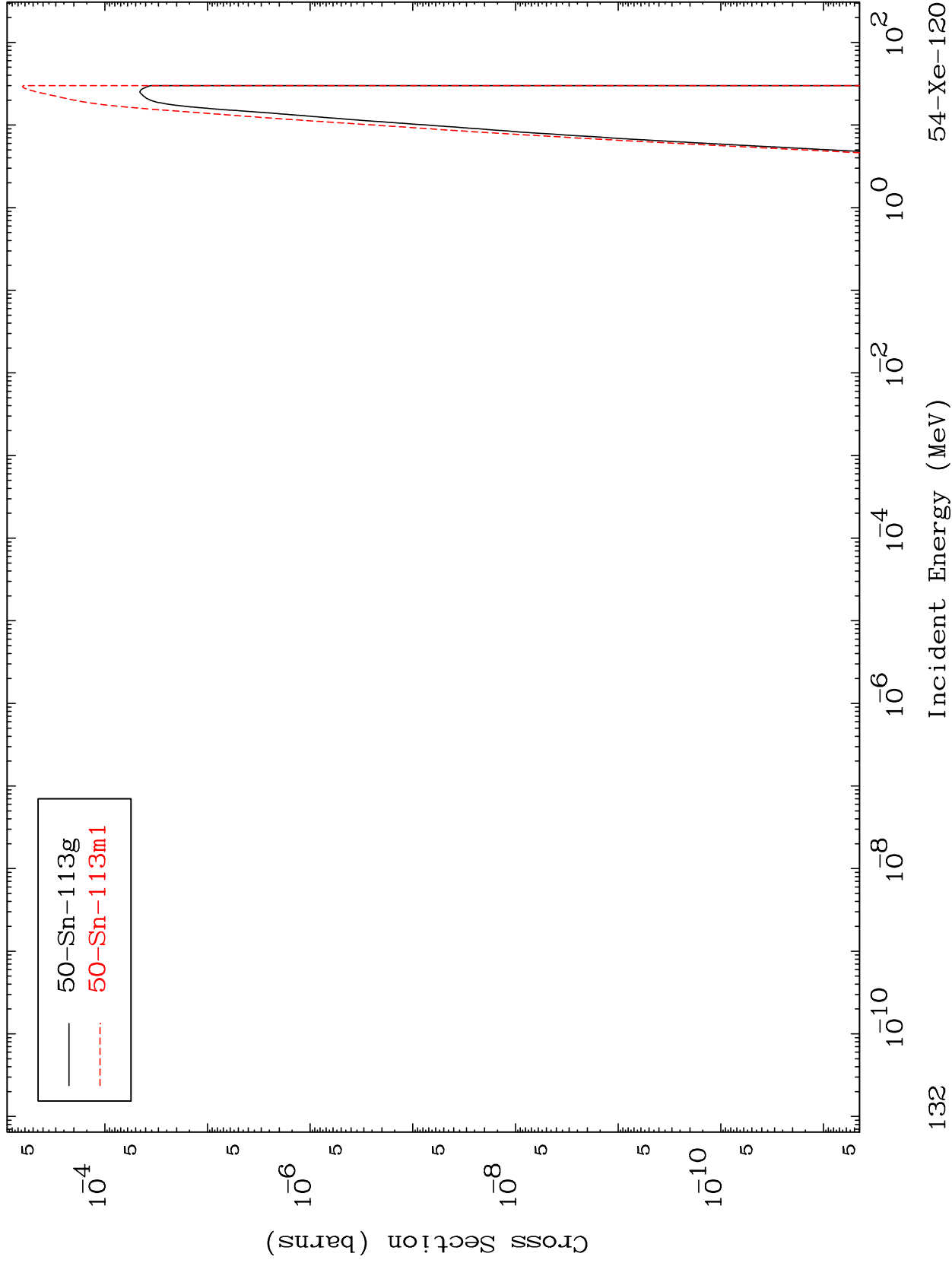
54-Xe-120

MAT 5413

(n,2α)

54-Xe-120

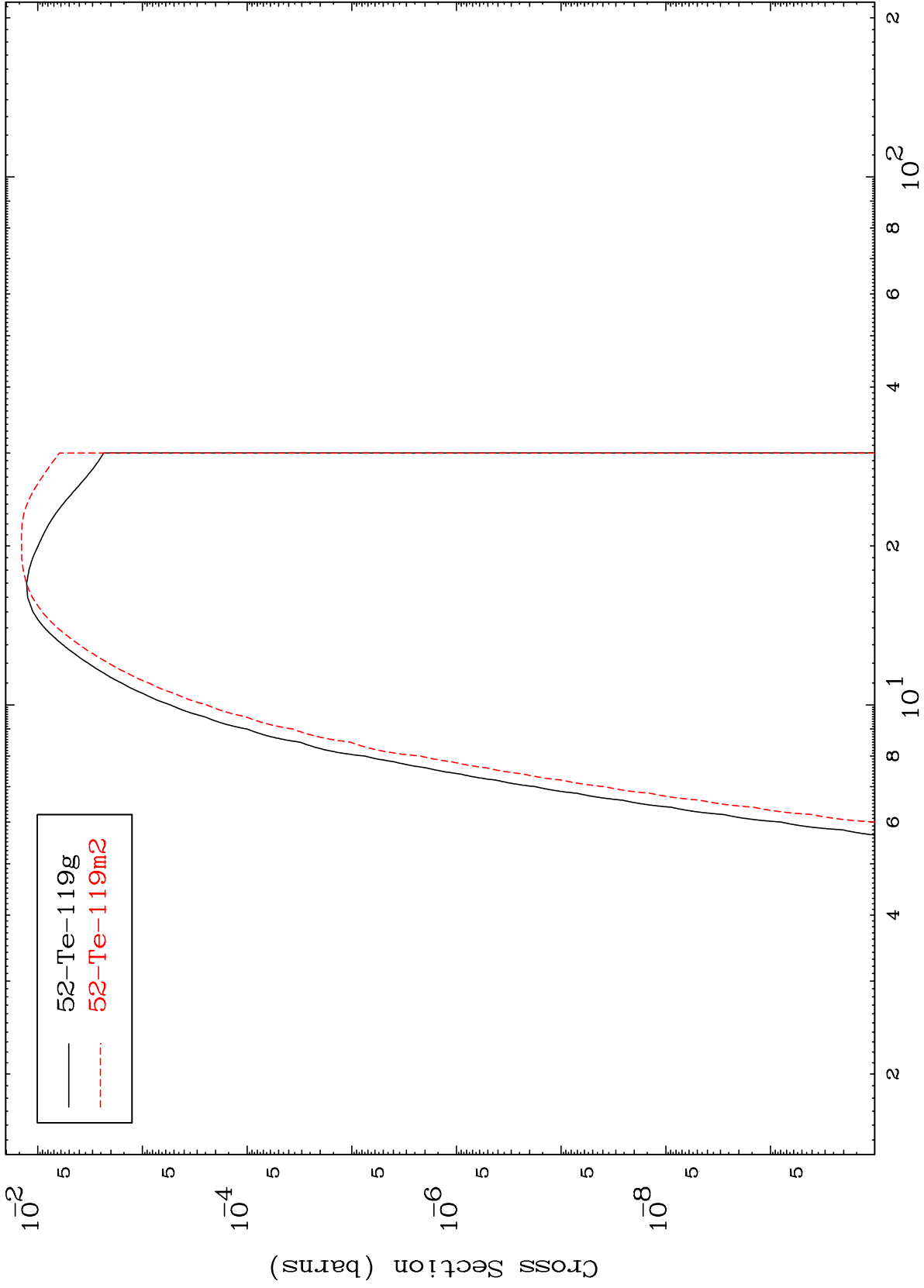
Radionuclide Production Cross Section



MAT 5413

54-Xe-120

(n,2p)
Radionuclide Production Cross Section



133

Incident Energy (MeV)

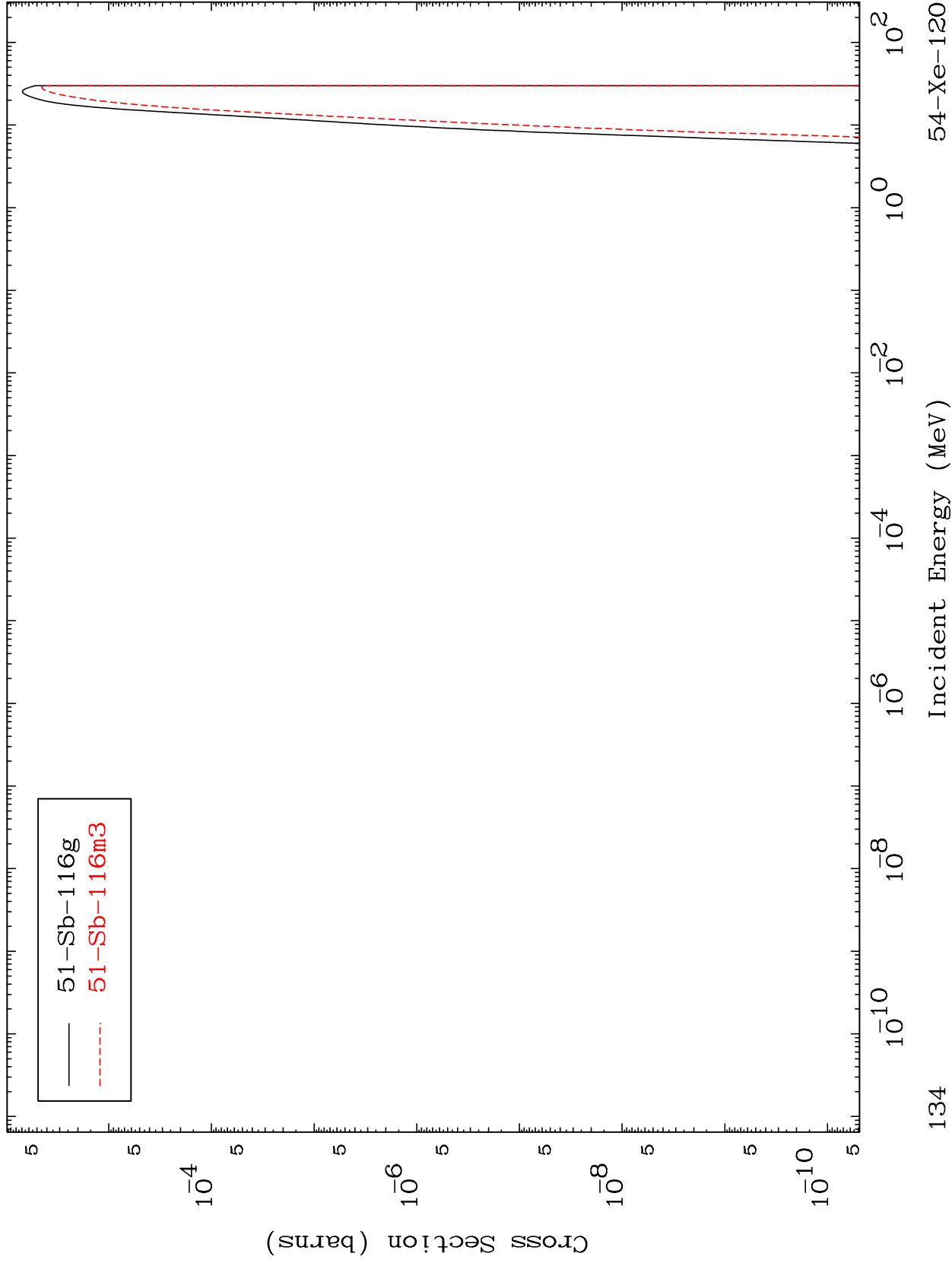
54-Xe-120

MAT 5413

(n,p) α

54-Xe-120

Radionuclide Production Cross Section



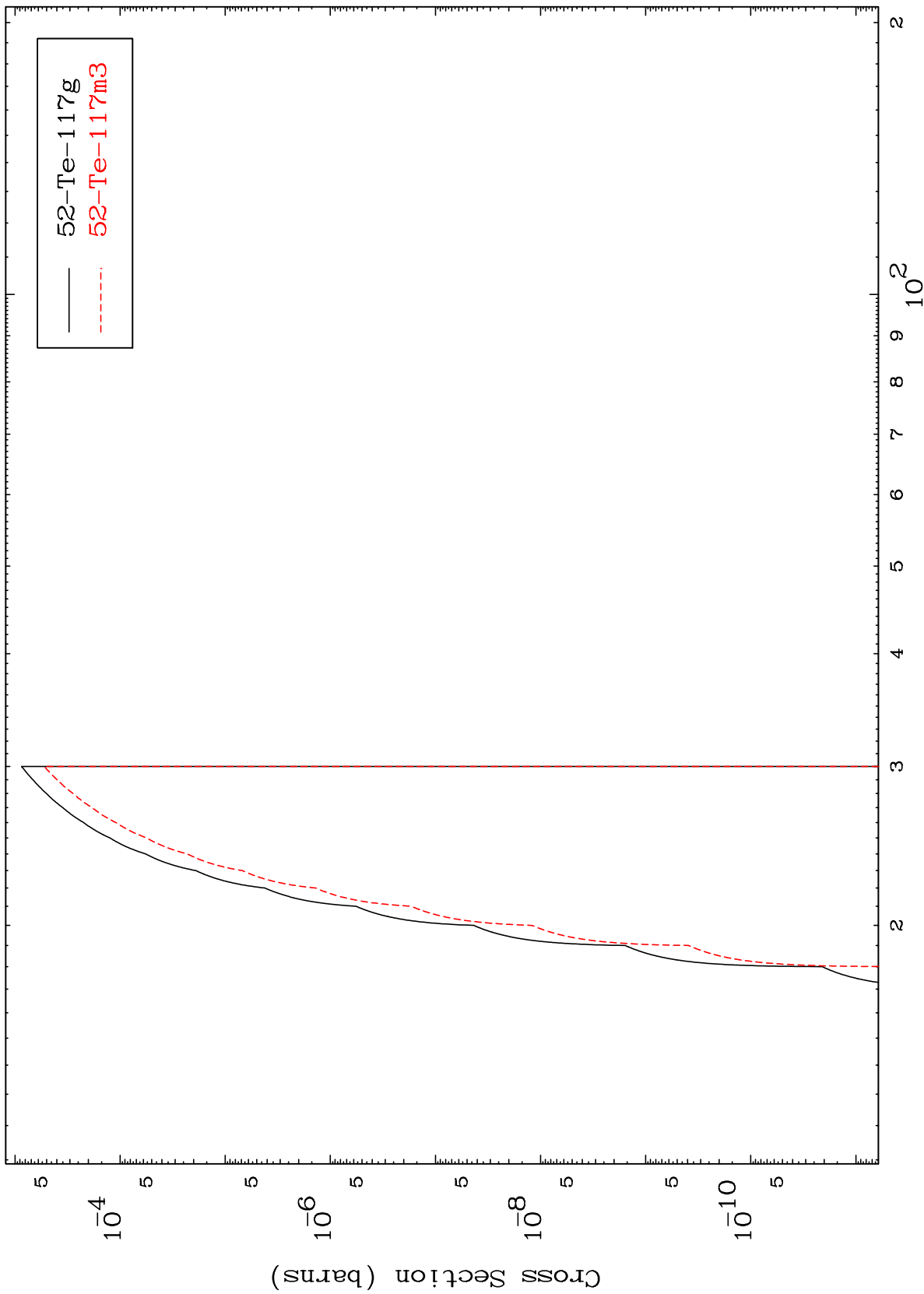
134

MAT 5413

(n,p) t

54-Xe-120

Radionuclide Production Cross Section



135

Incident Energy (MeV)

54-Xe-120