

Program EVALPLOT
(Version 2017-1)

by

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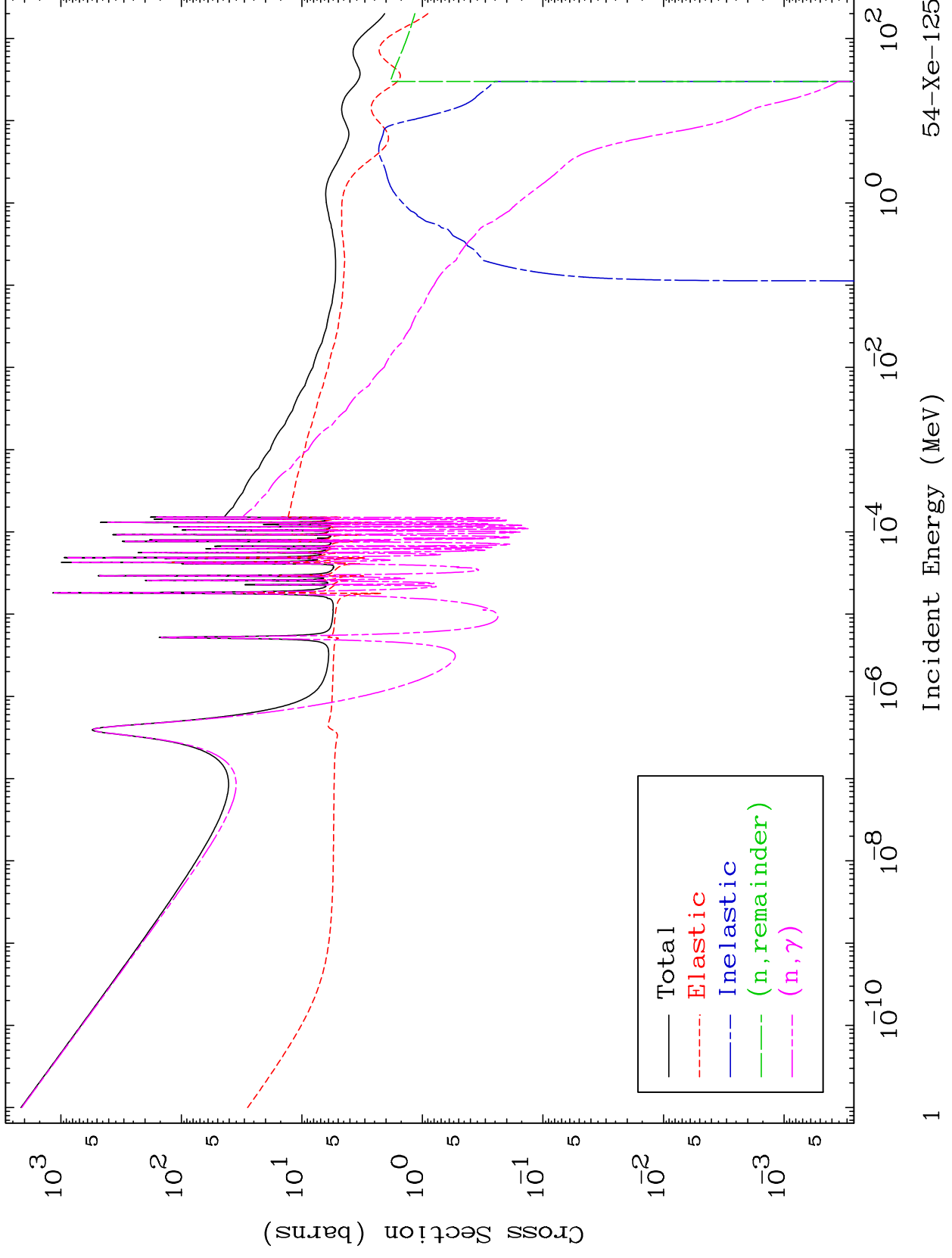
Press Mouse Button to Start

MAT 5428

Major

293 Kelvin Cross Sections

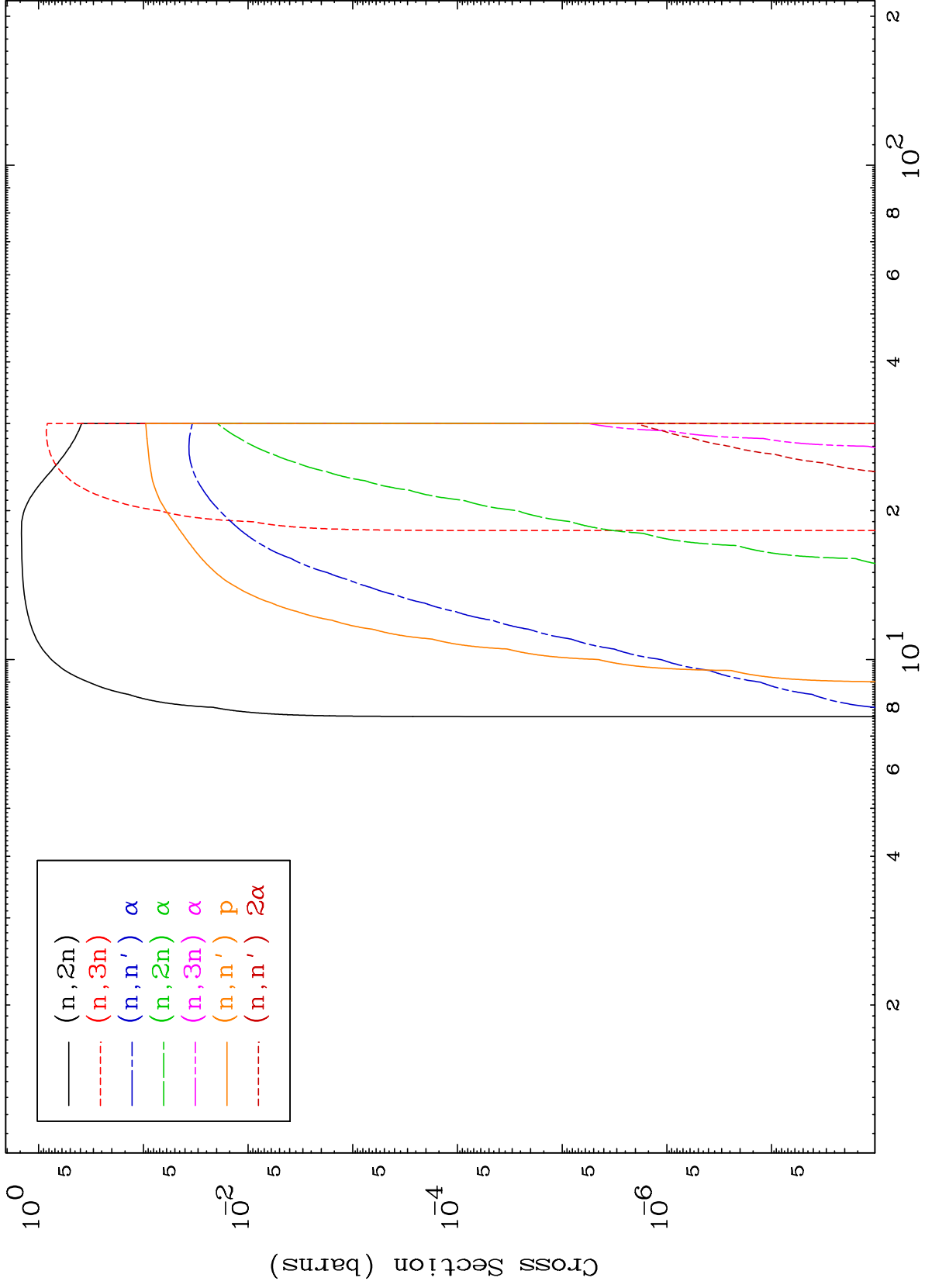
54-Xe-125

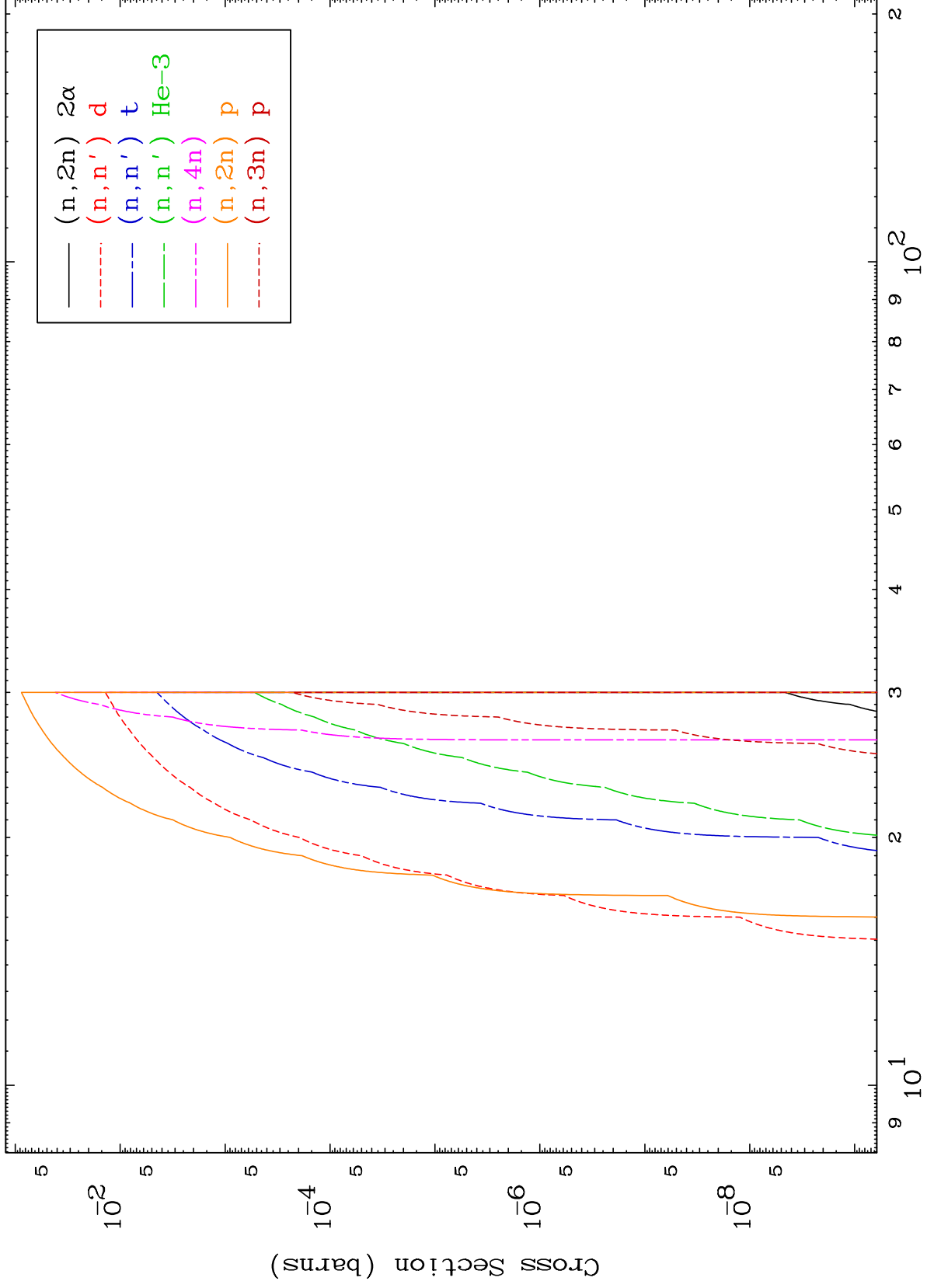


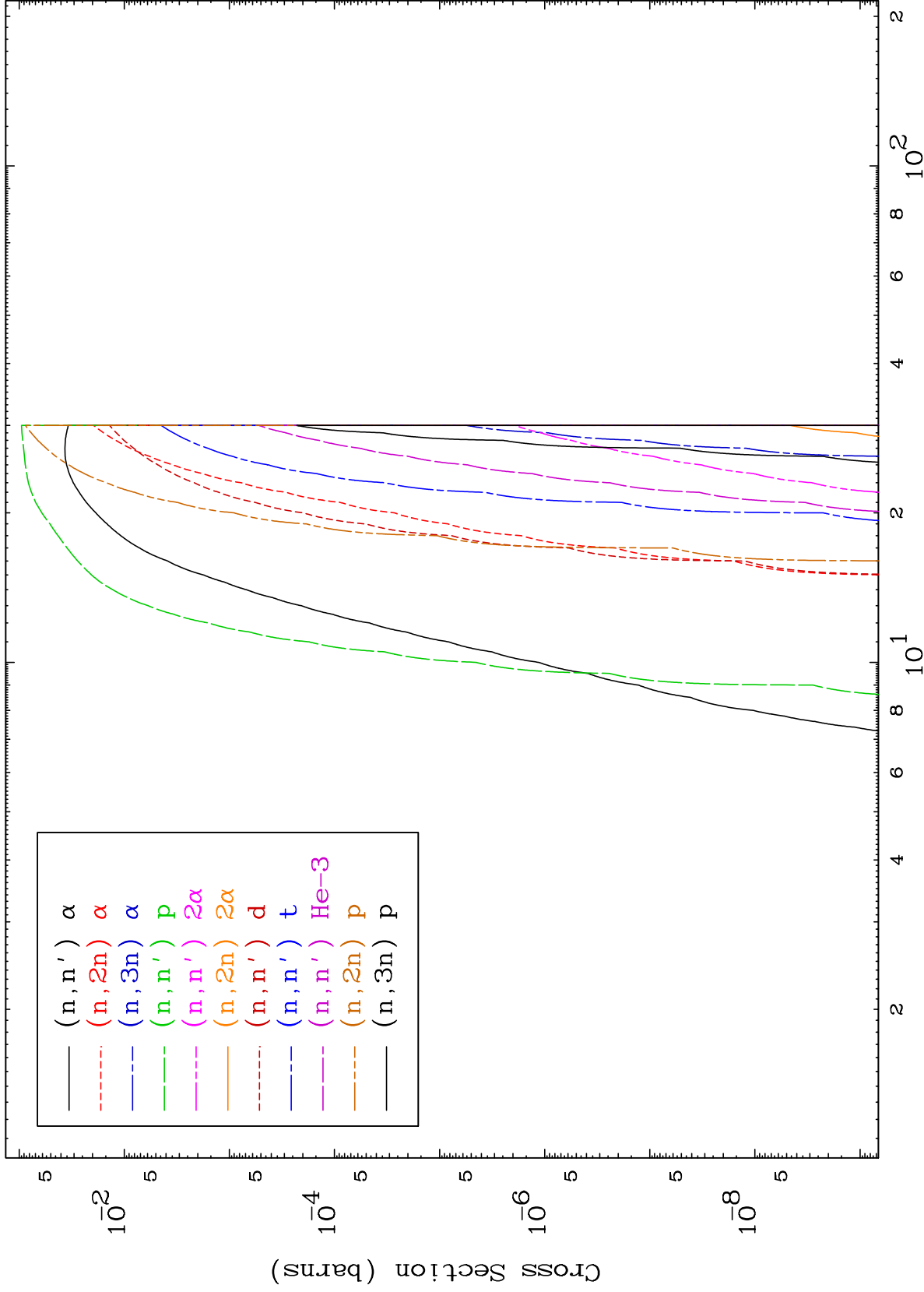
MAT 5428

Neutron Production
293 Kelvin Cross Sections

54-Xe-125



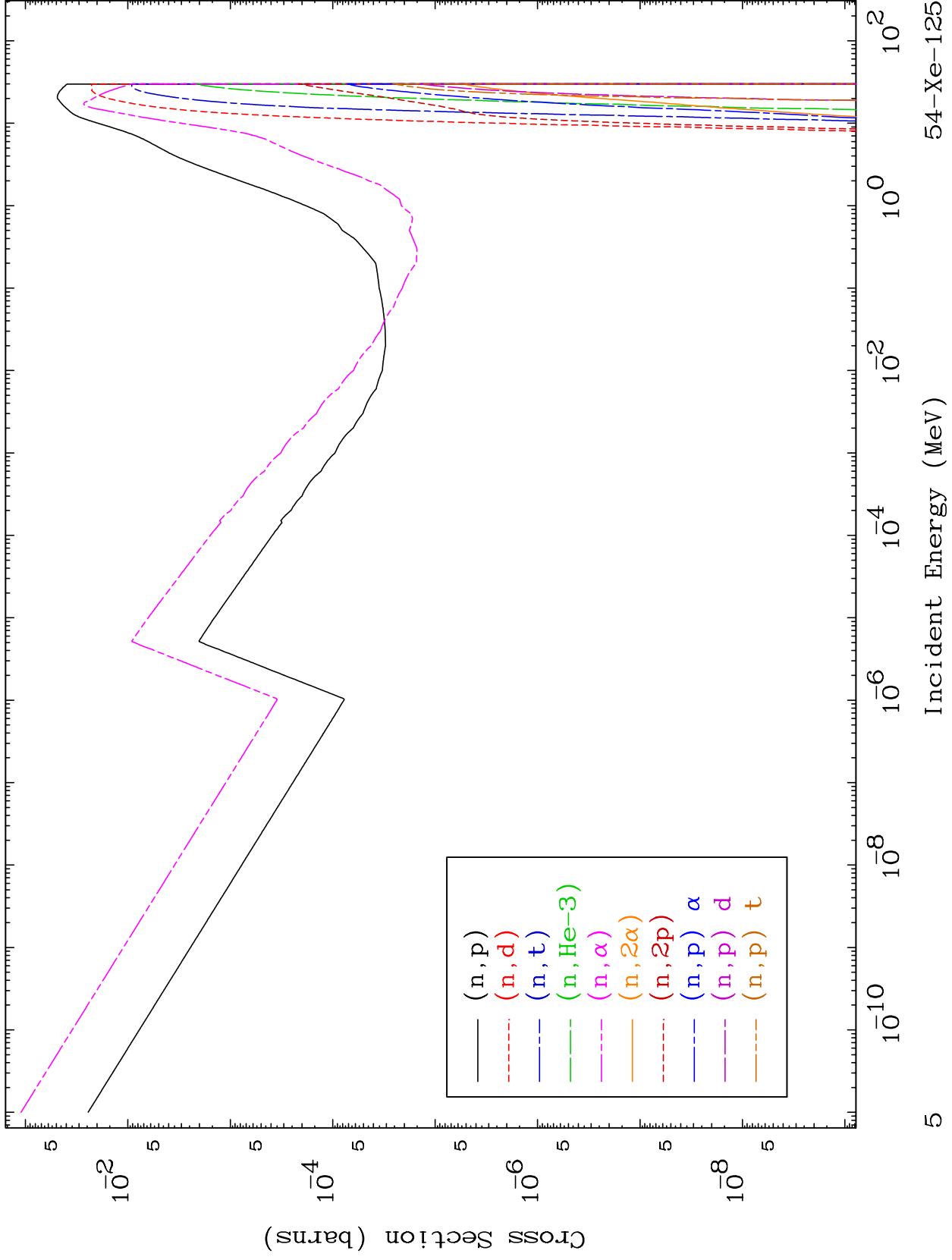




MAT 5428

Charged Particle
293 Kelvin Cross Sections

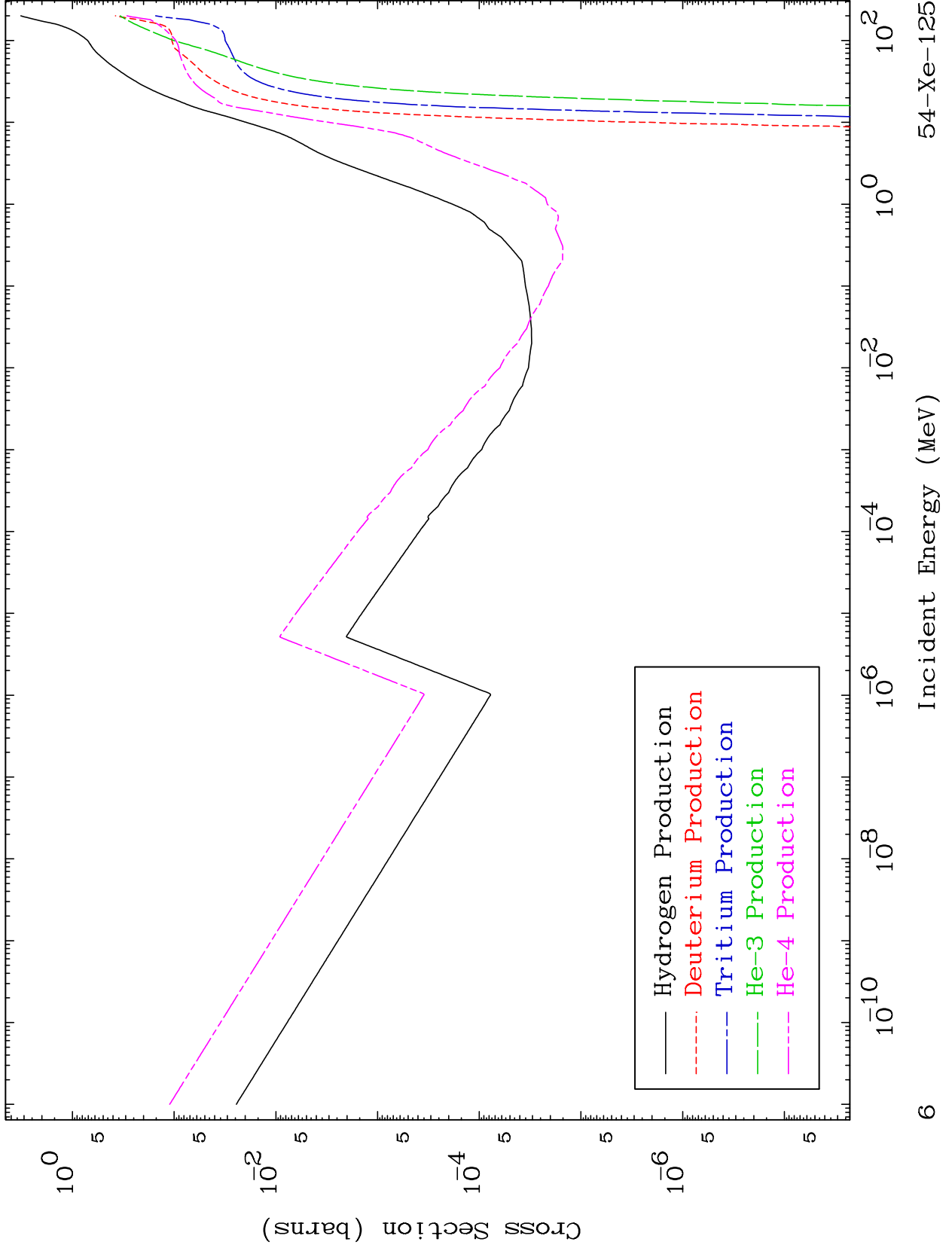
54-Xe-125



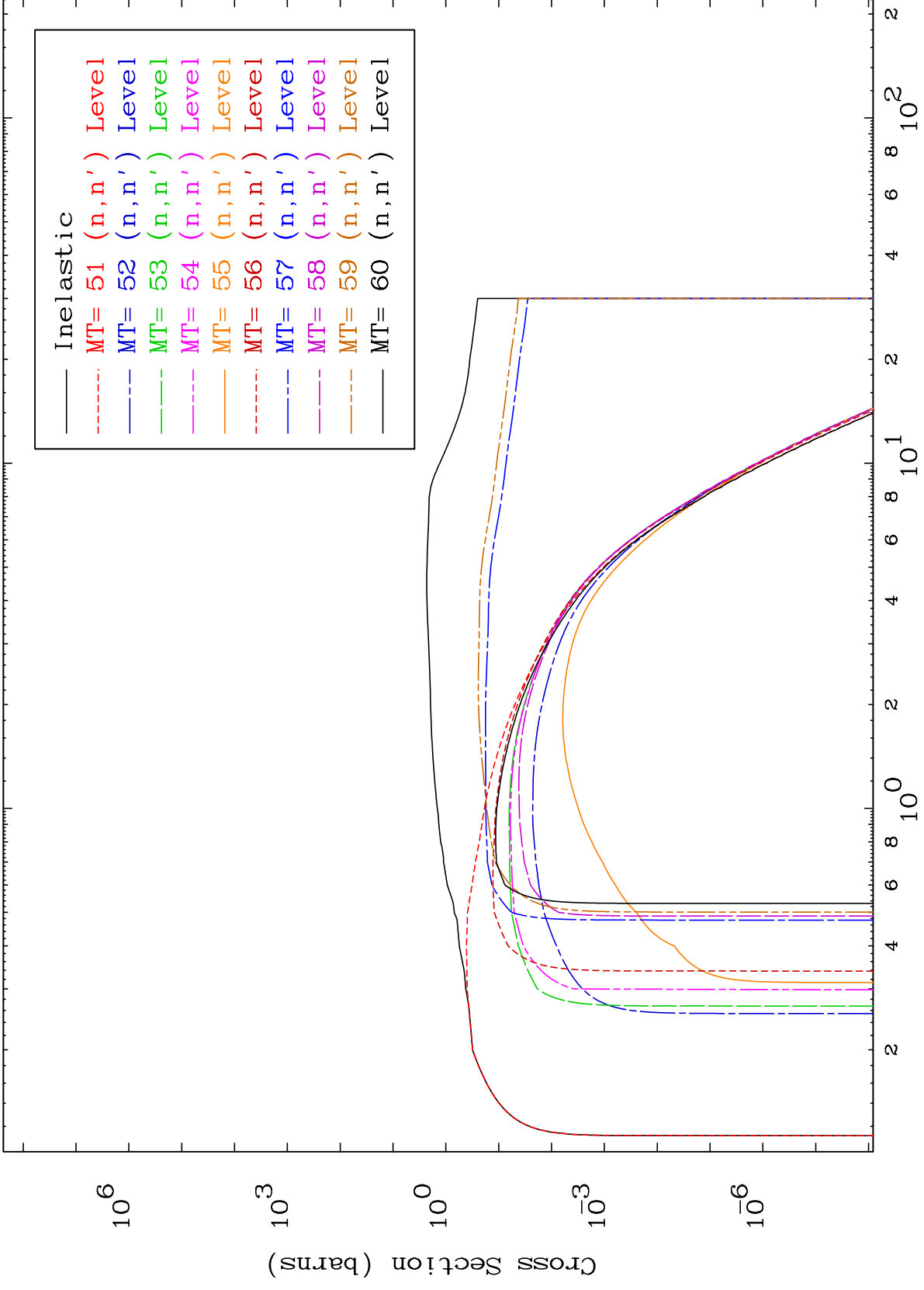
MAT 5428

Particle Production
293 Kelvin Cross Sections

54-Xe-125



293 Kelvin Cross Sections

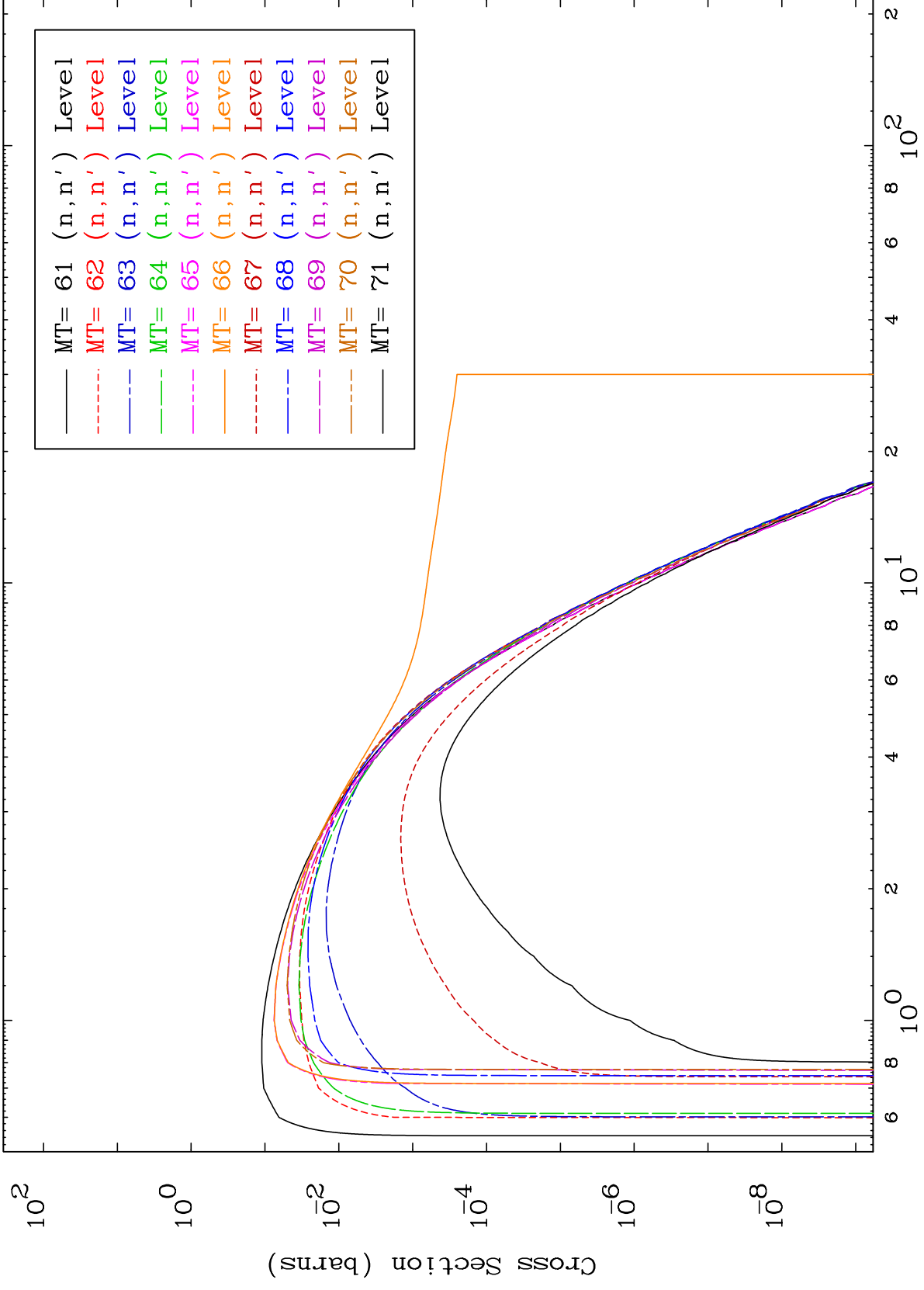


MAT 5428

(n,n') Level

54-Xe-125

293 Kelvin Cross Sections



8

Incident Energy (MeV)

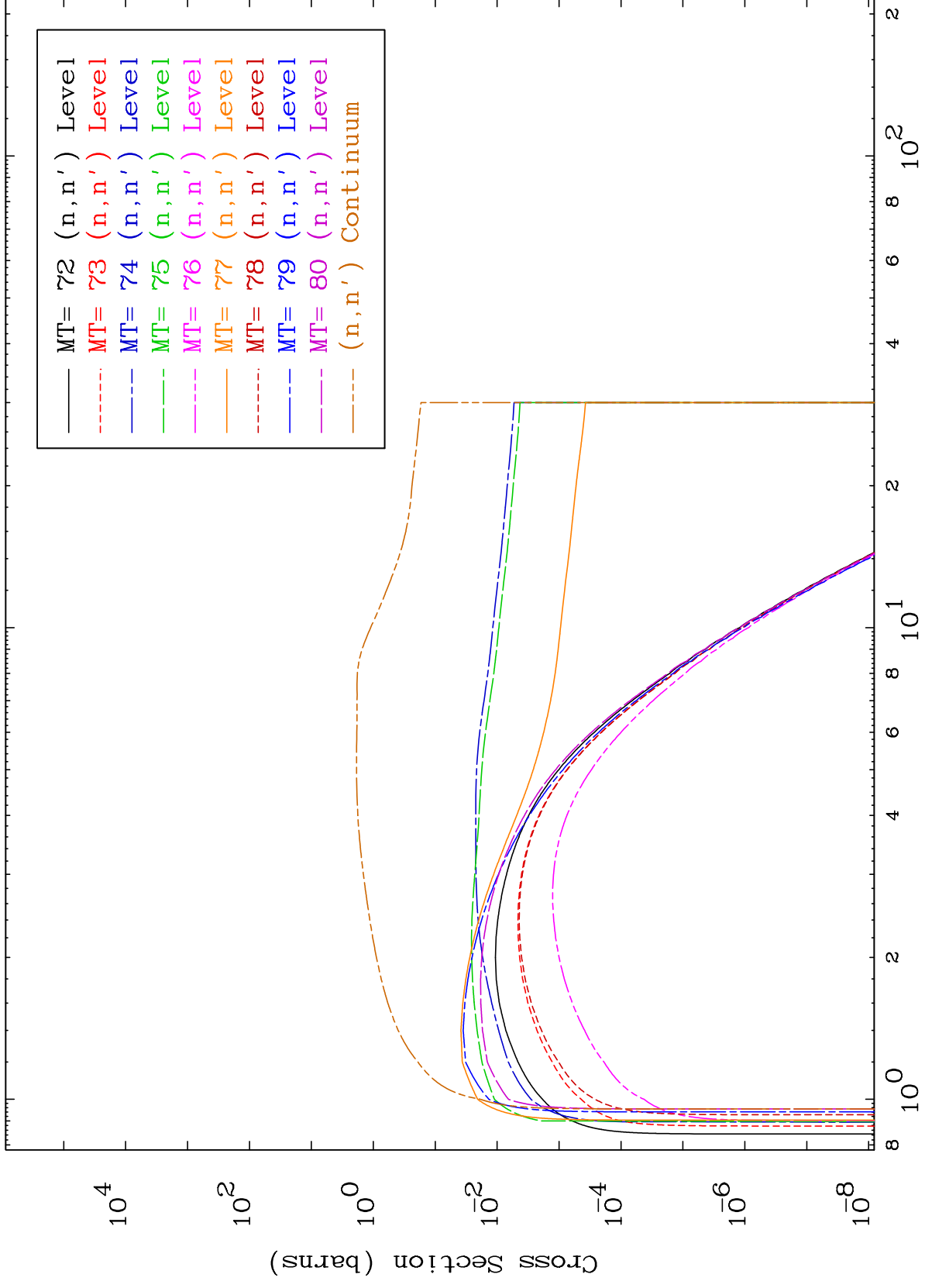
54-Xe-125

MAT 5428

(n,n') Level

54-Xe-125

293 Kelvin Cross Sections



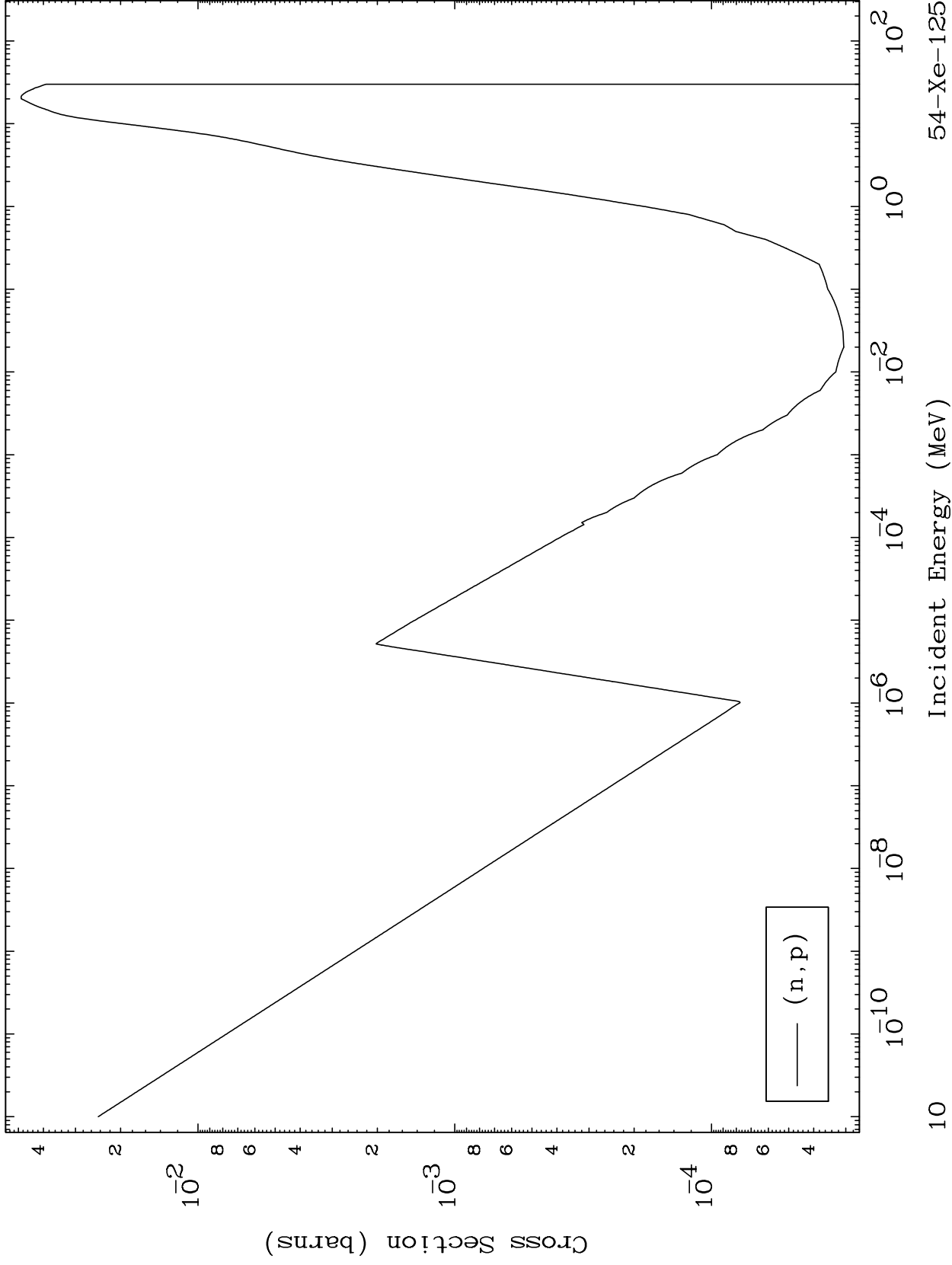
Incident Energy (MeV)

54-Xe-125

MAT 5428

(n,p) Levels
293 Kelvin Cross Sections

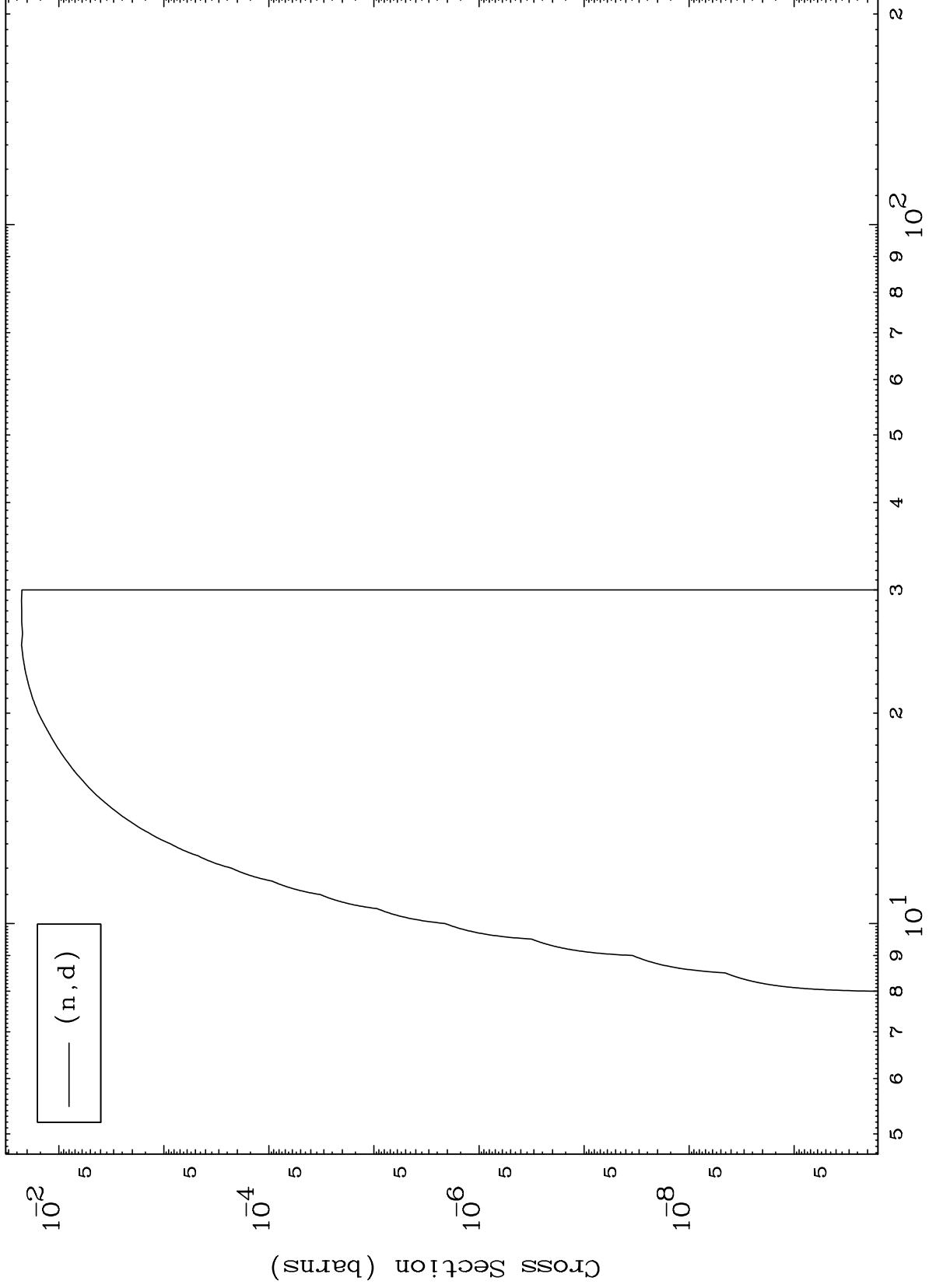
54-Xe-125



MAT 5428

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-125



11

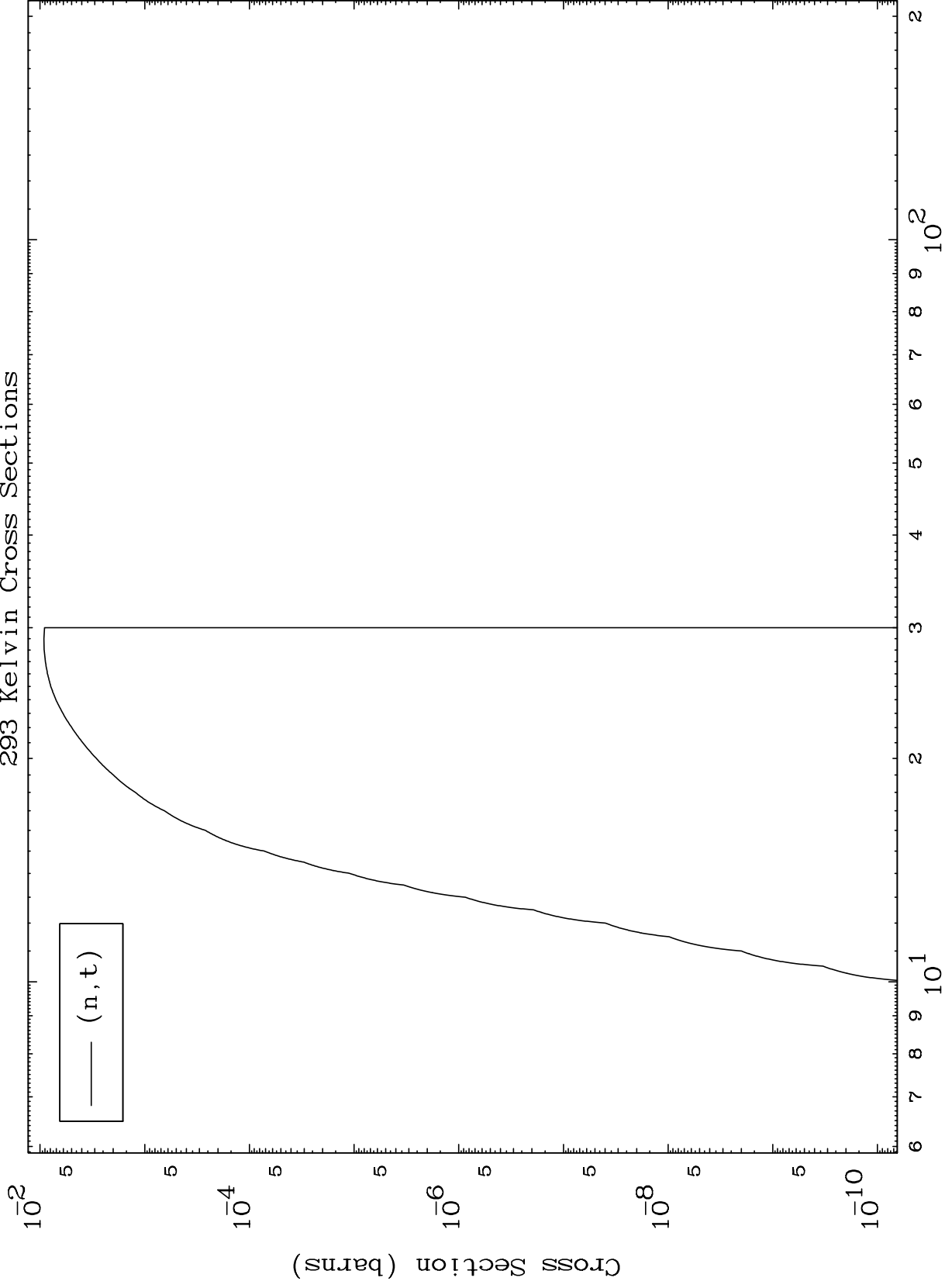
Incident Energy (MeV)

54-Xe-125

MAT 5428

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-125



12

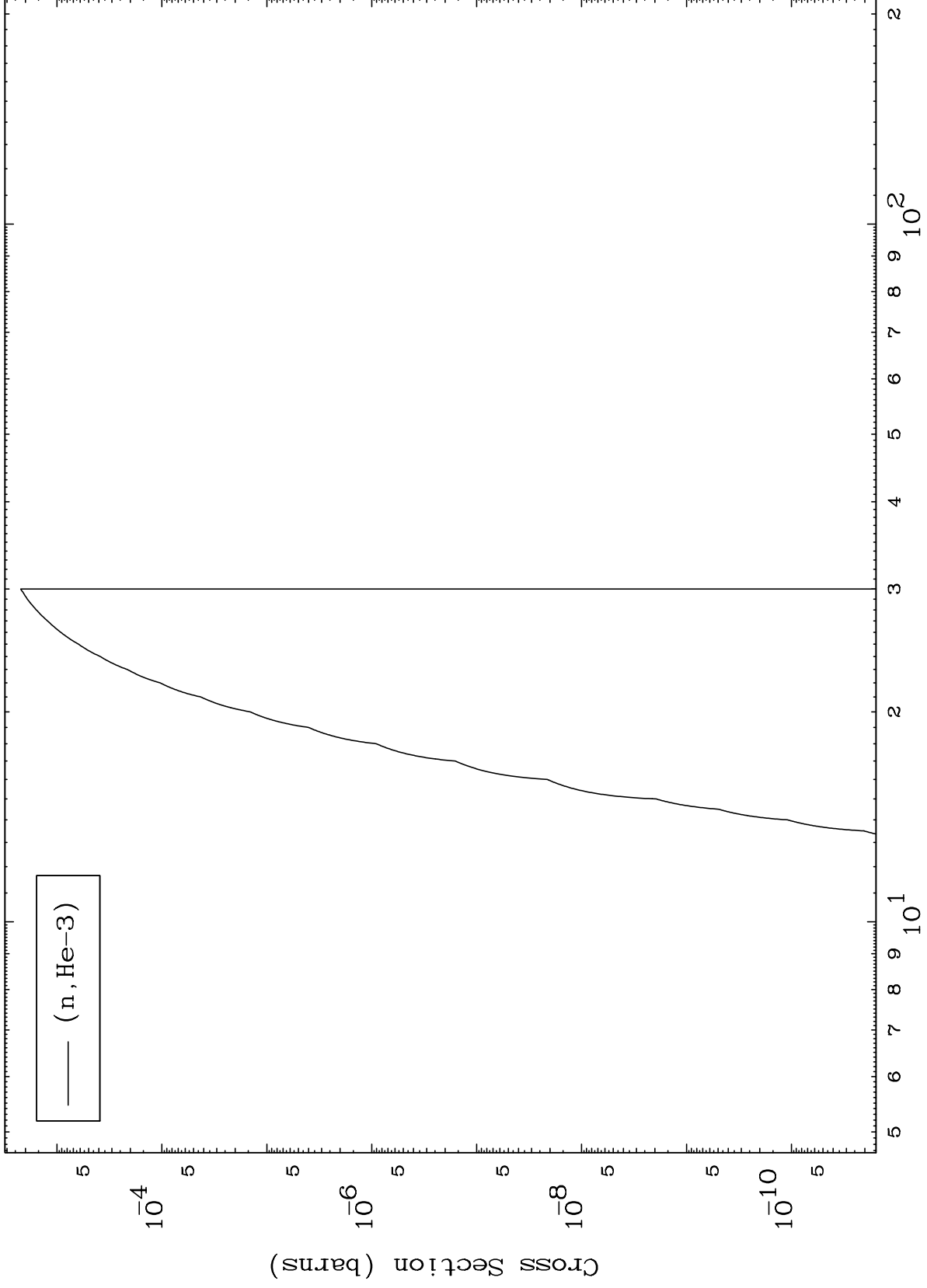
Incident Energy (MeV)

54-Xe-125

MAT 5428

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-125



13

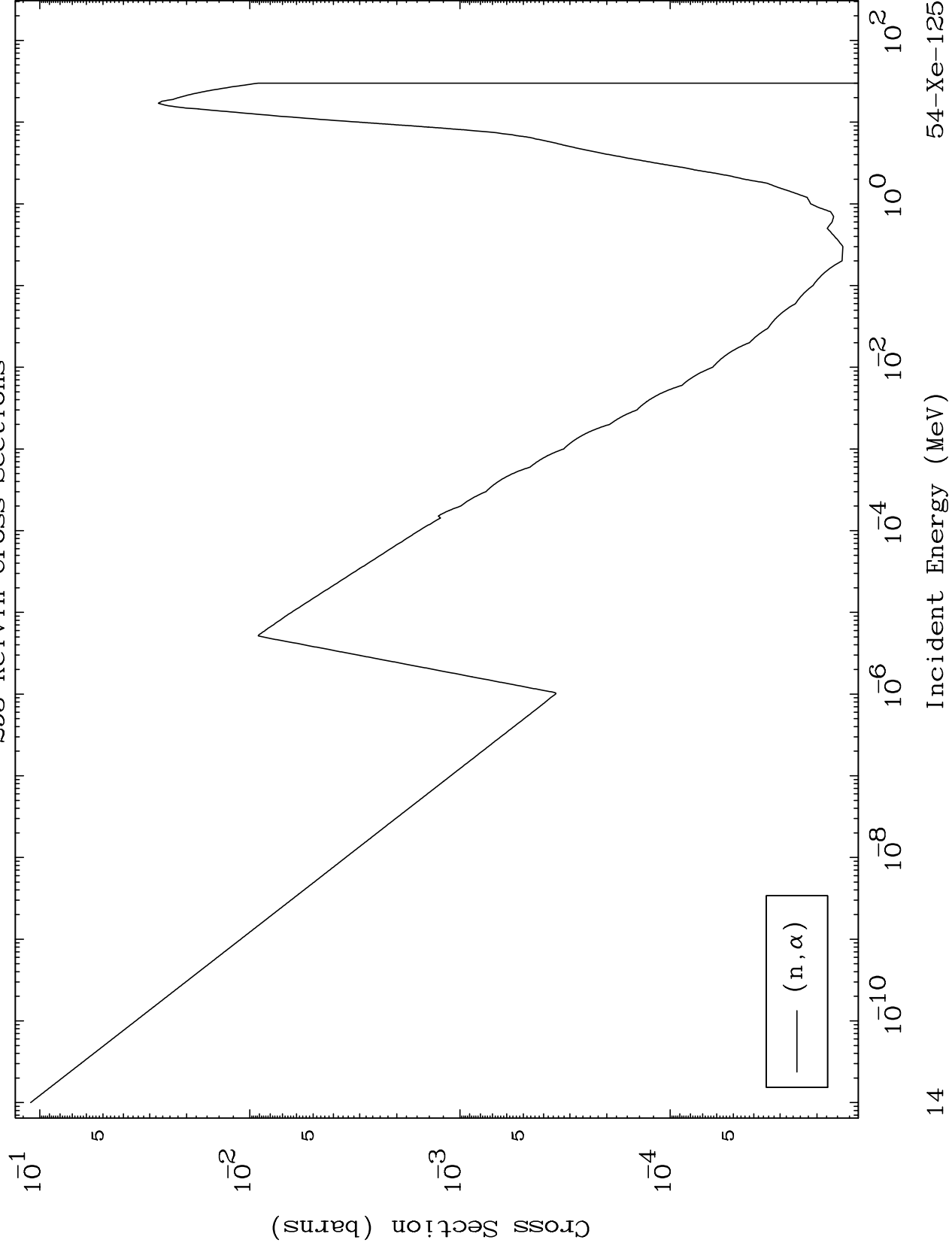
Incident Energy (MeV)

54-Xe-125

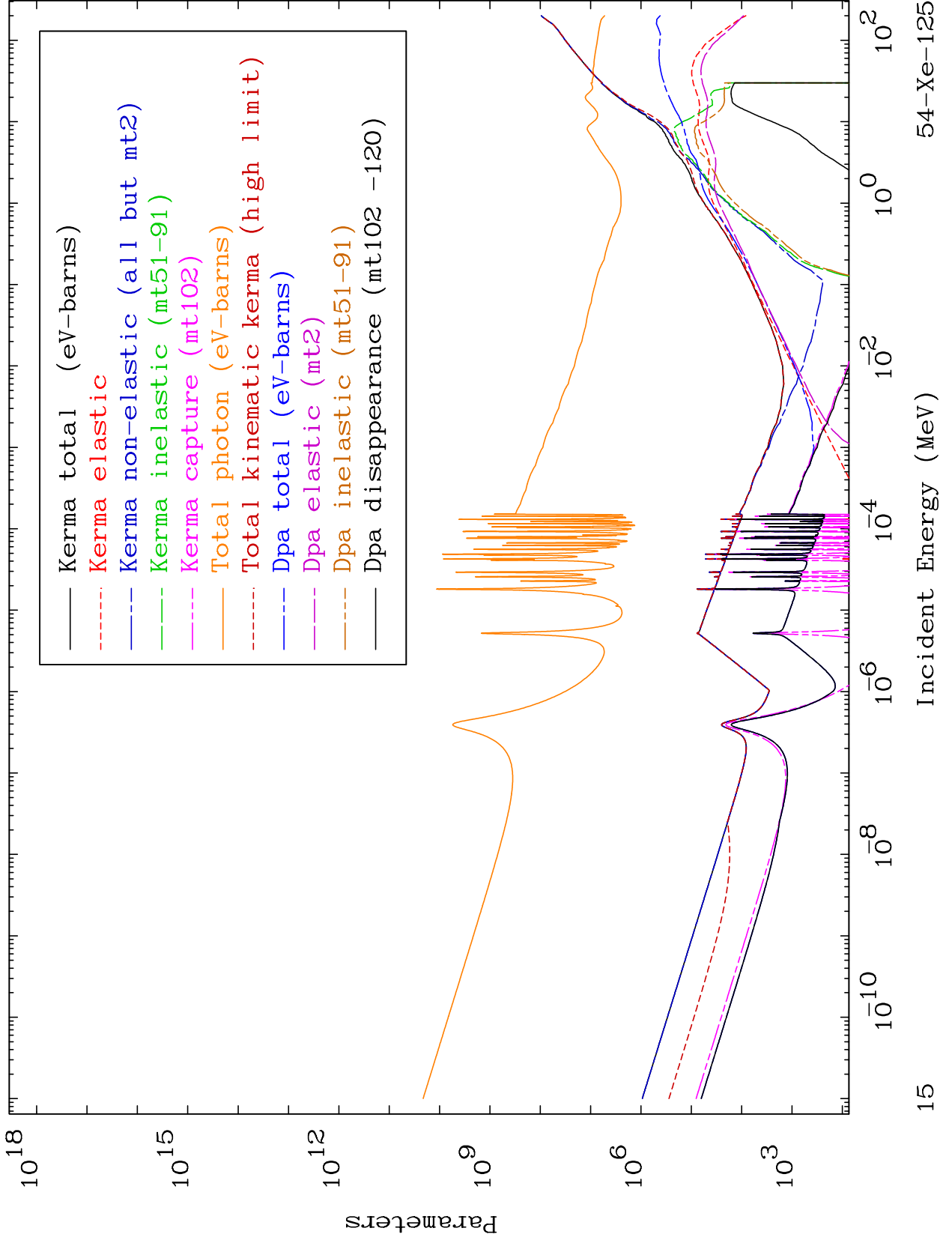
MAT 5428

(n, α) Levels
293 Kelvin Cross Sections

54-Xe-125



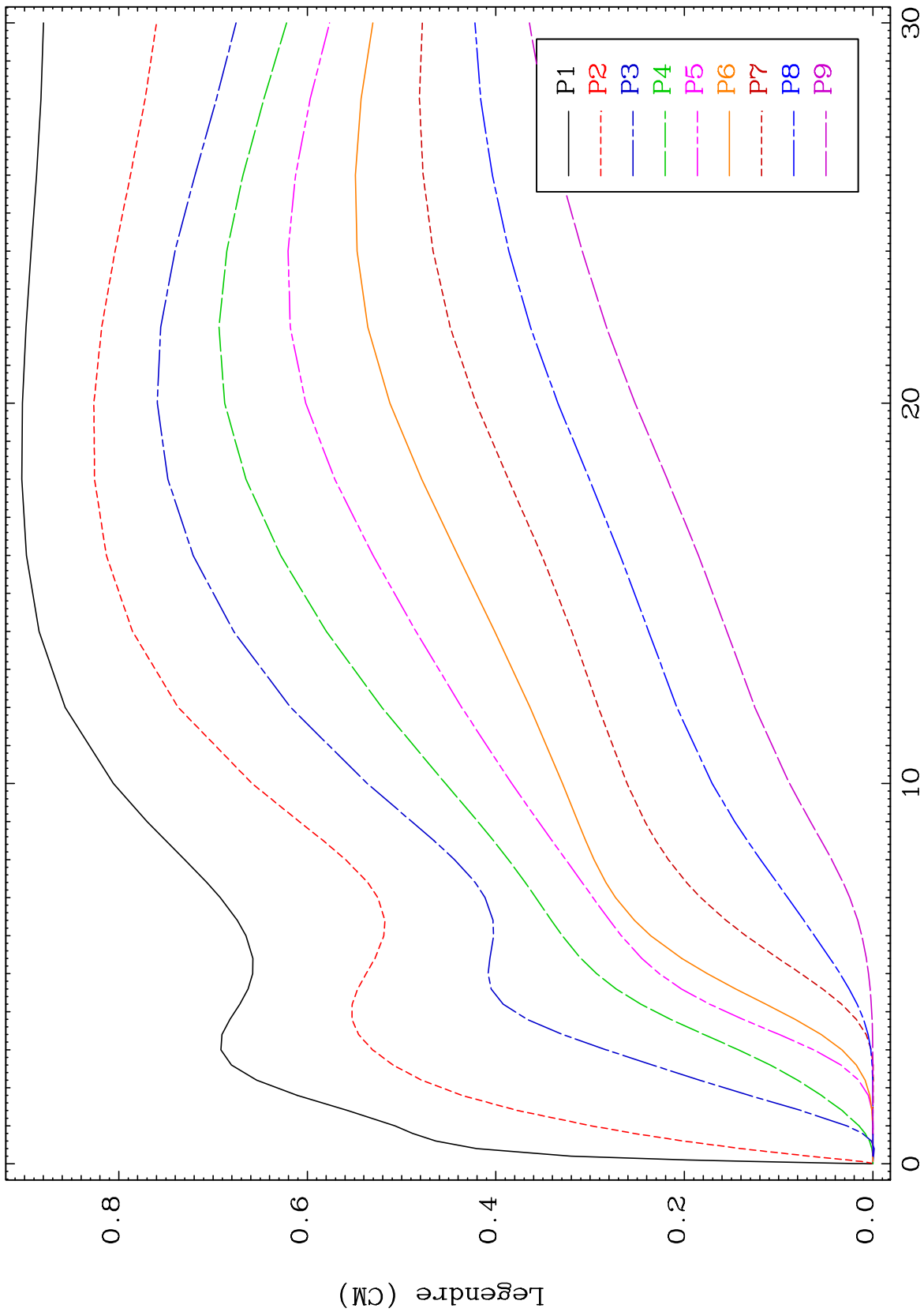
14



MAT 5428

54-Xe-125

Elastic Legendre Coefficients



54-Xe-125

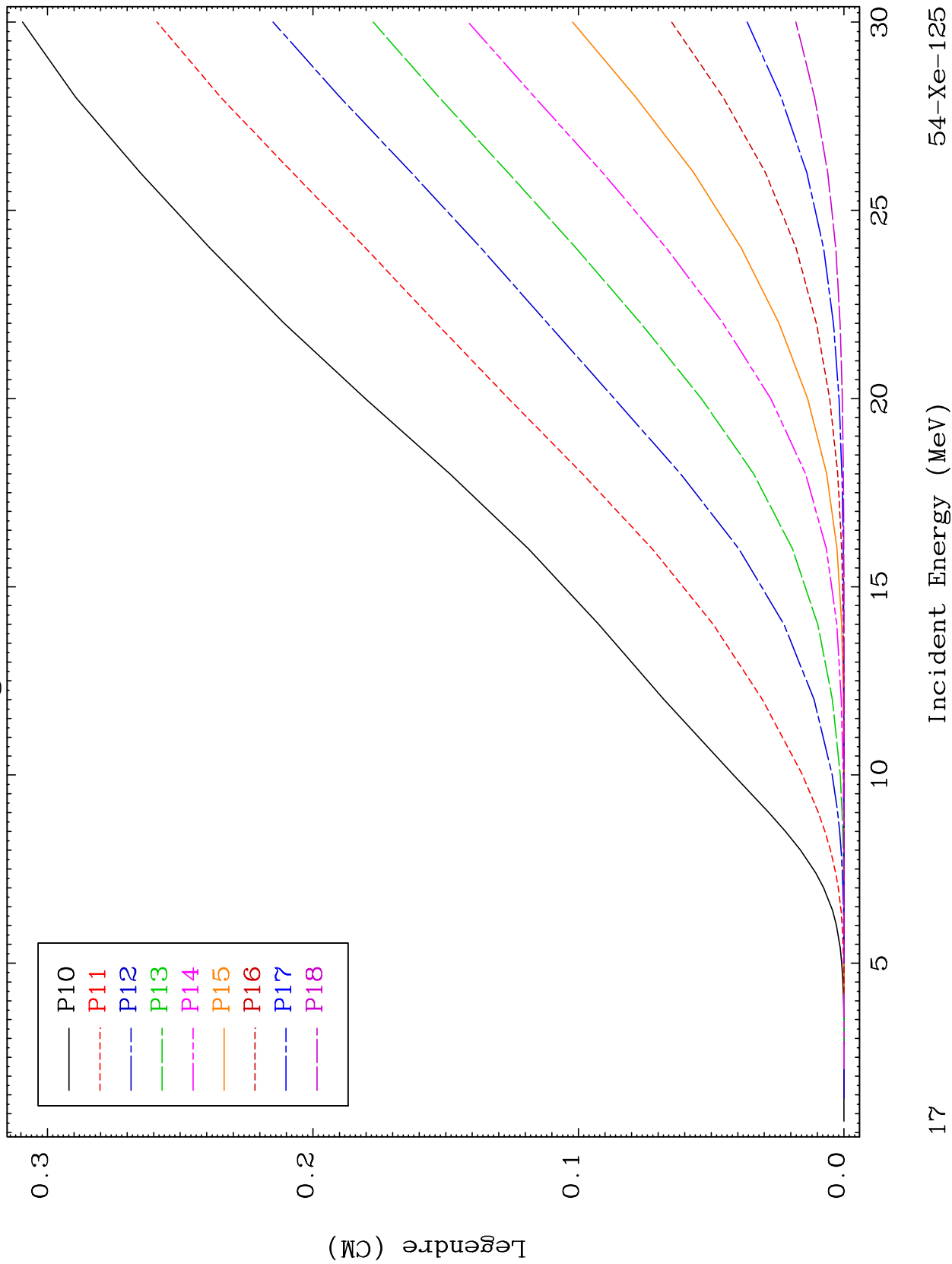
Incident Energy (MeV)

16

MAT 5428

Elastic Legendre Coefficients

54-Xe-125



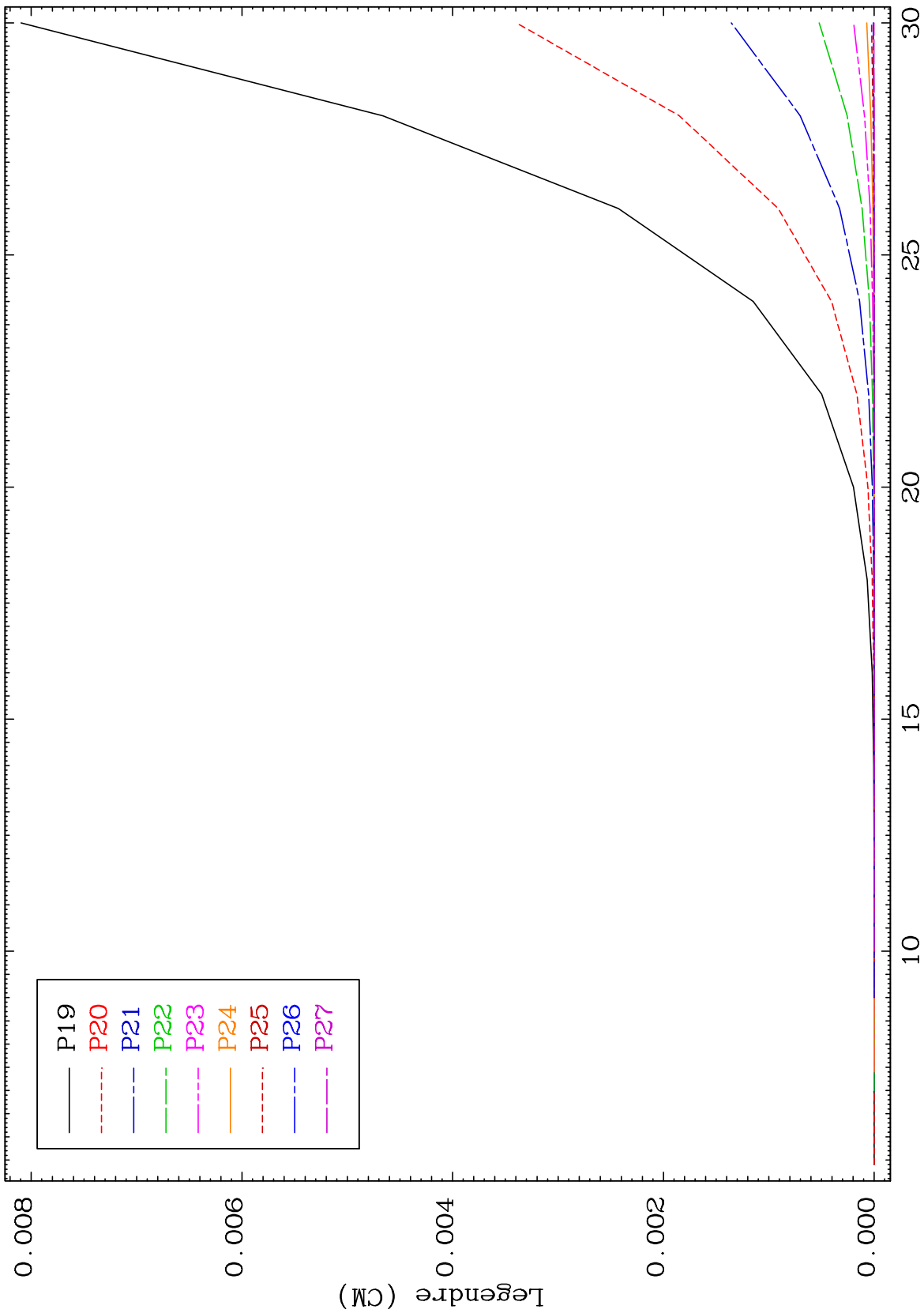
17

54-Xe-125

MAT 5428

Elastic
Legendre Coefficients

54-Xe-125



18

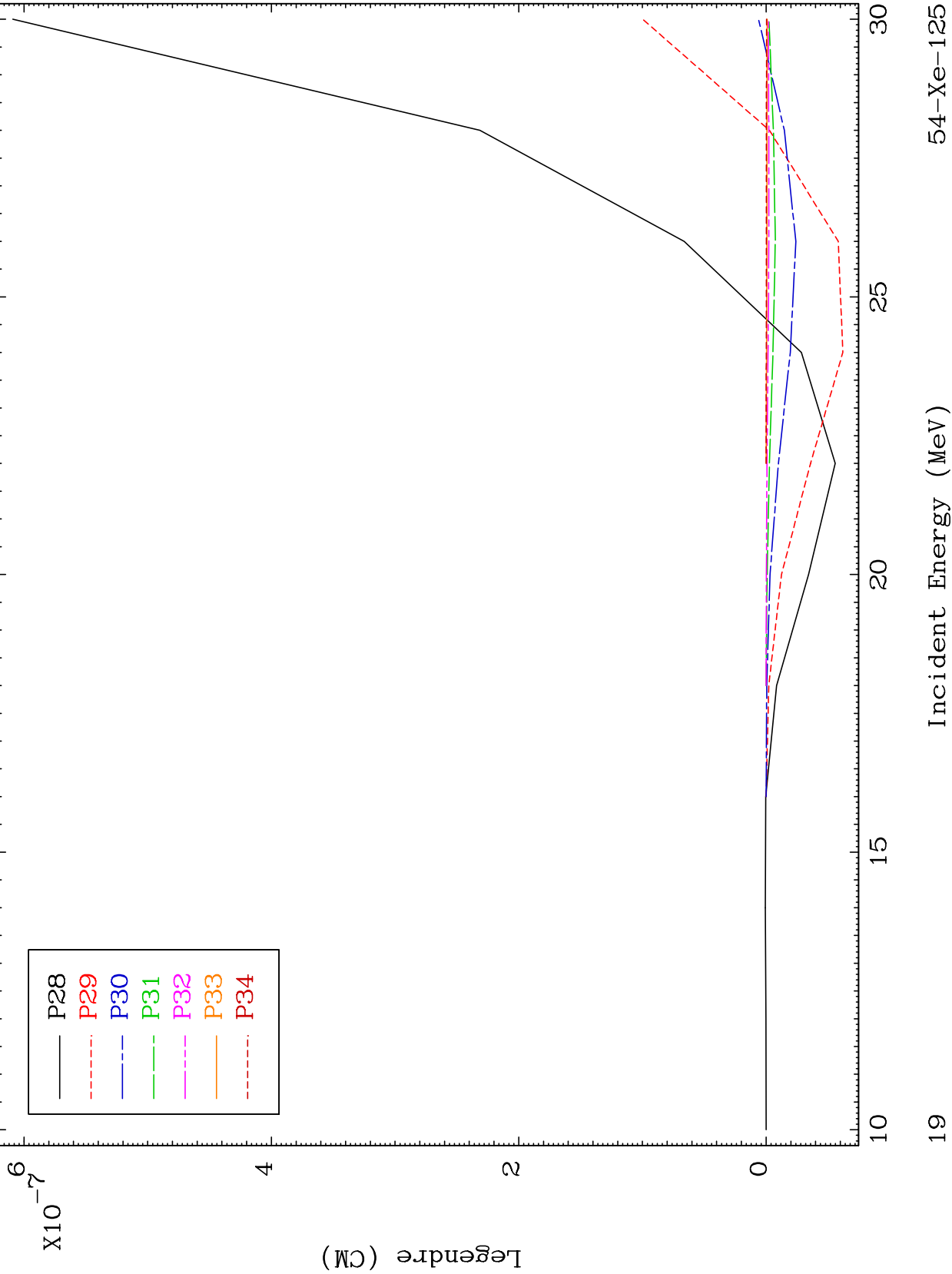
Incident Energy (MeV)

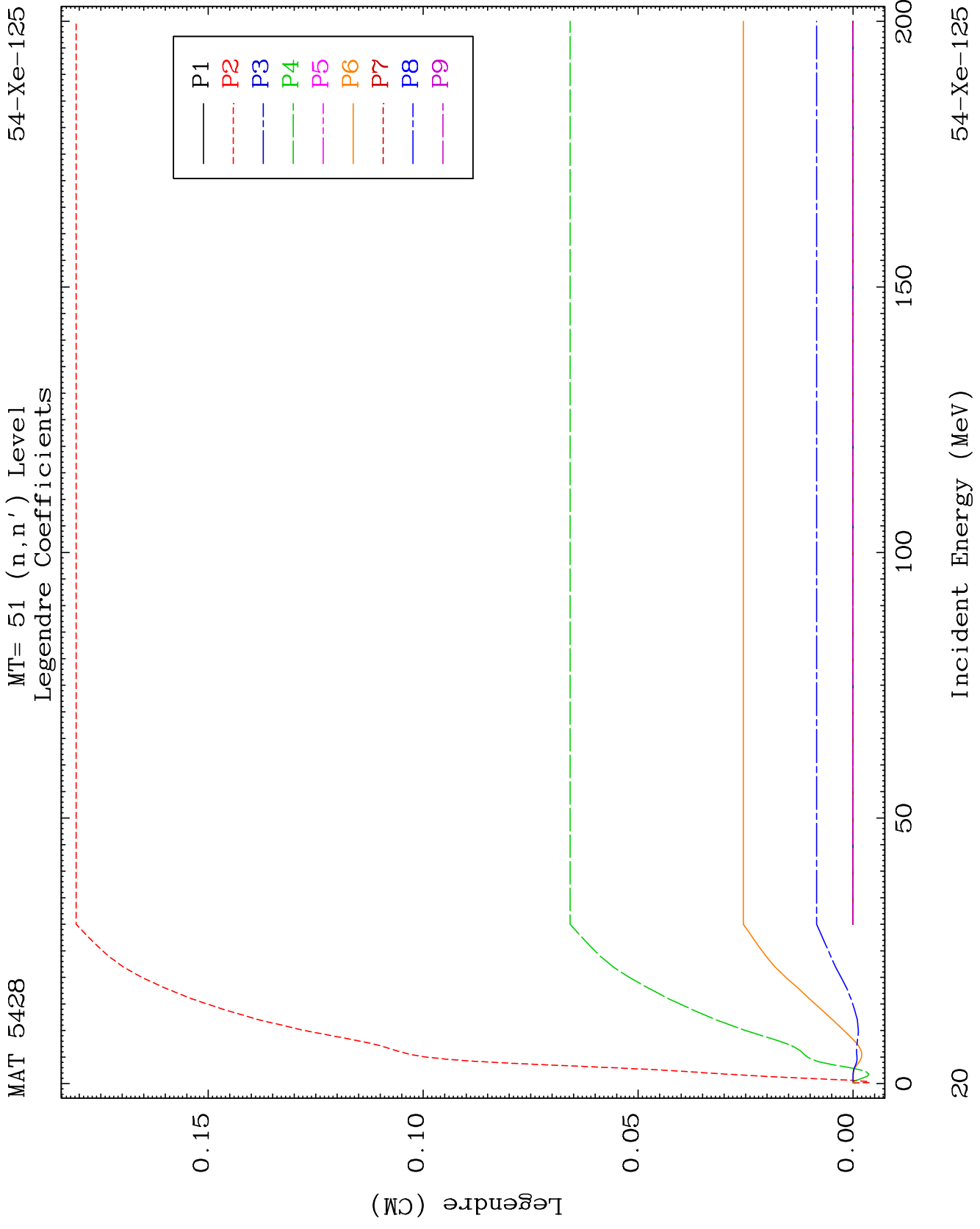
54-Xe-125

MAT 5428

Elastic Legendre Coefficients

54-Xe-125

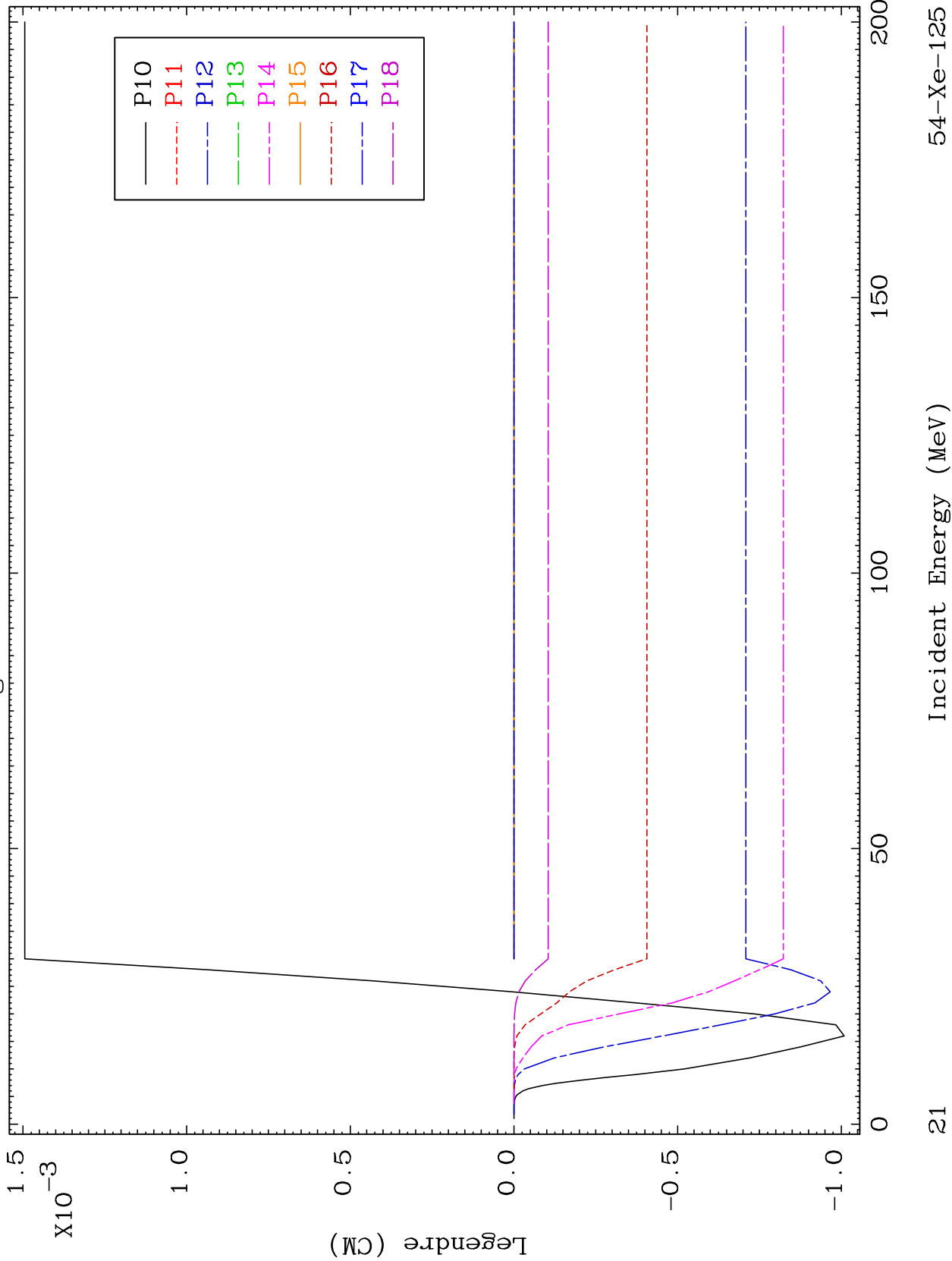




MAT 5428

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

54-Xe-125



21

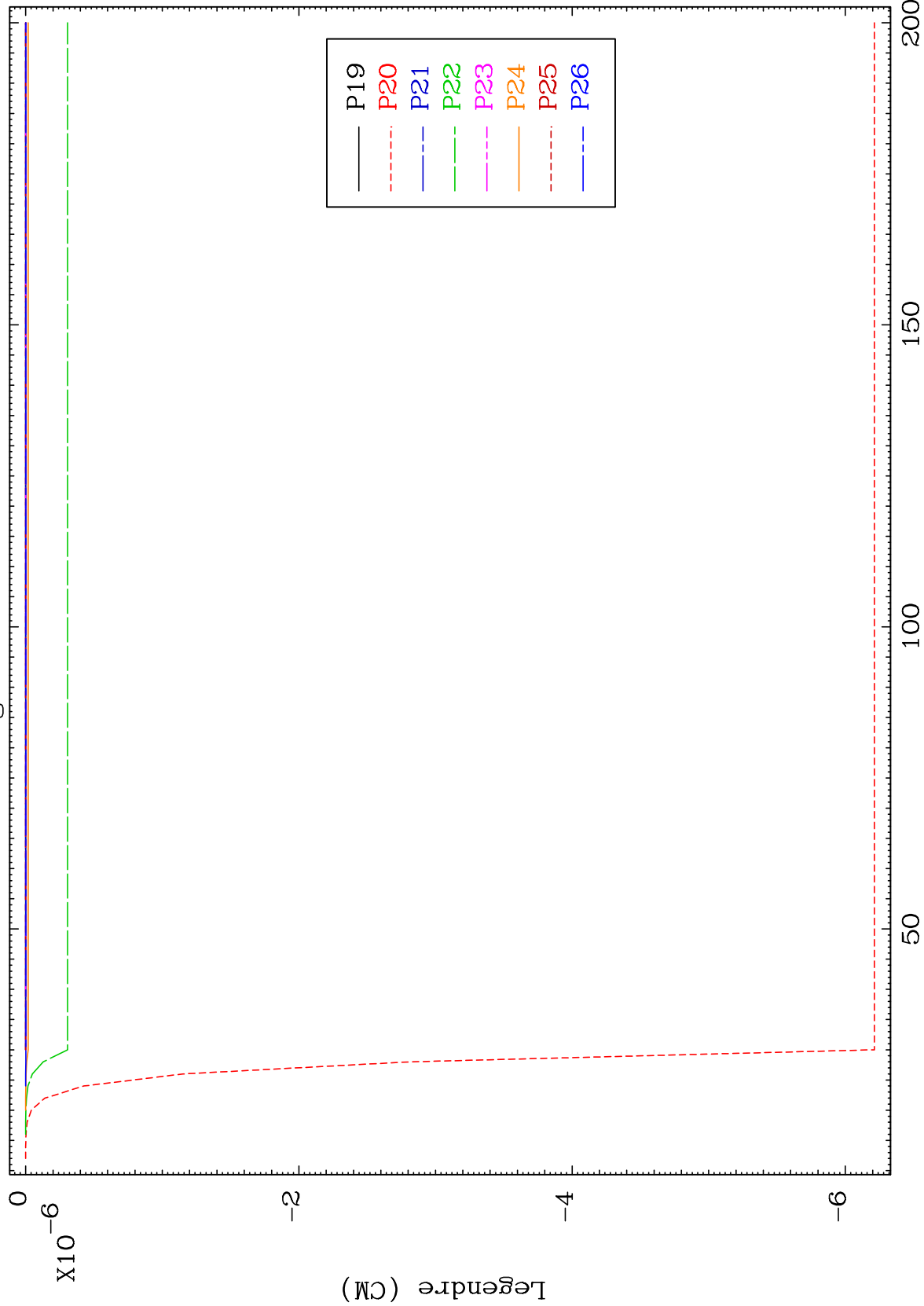
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

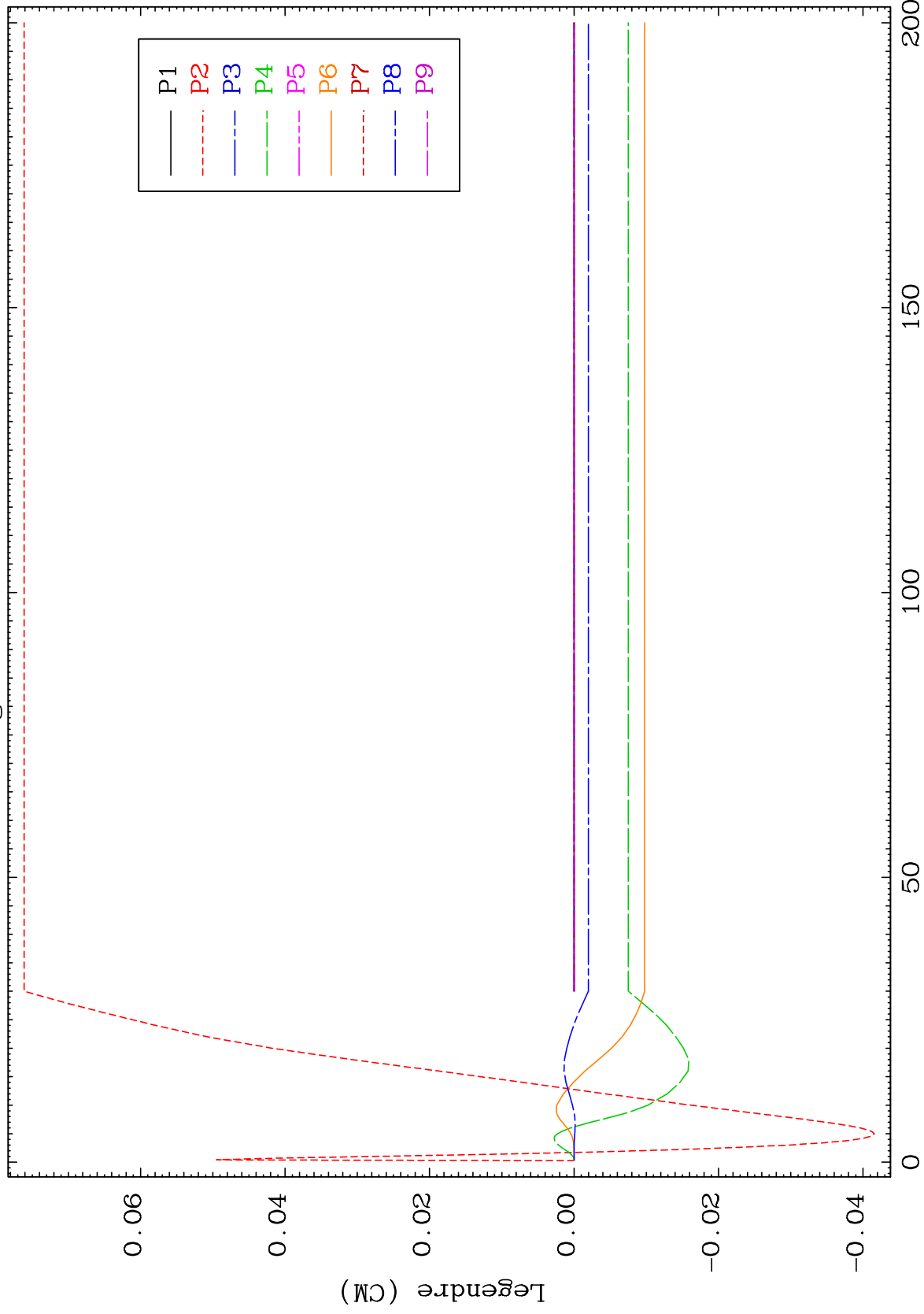
54-Xe-125



MAT 5428

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

54-Xe-125



54-Xe-125

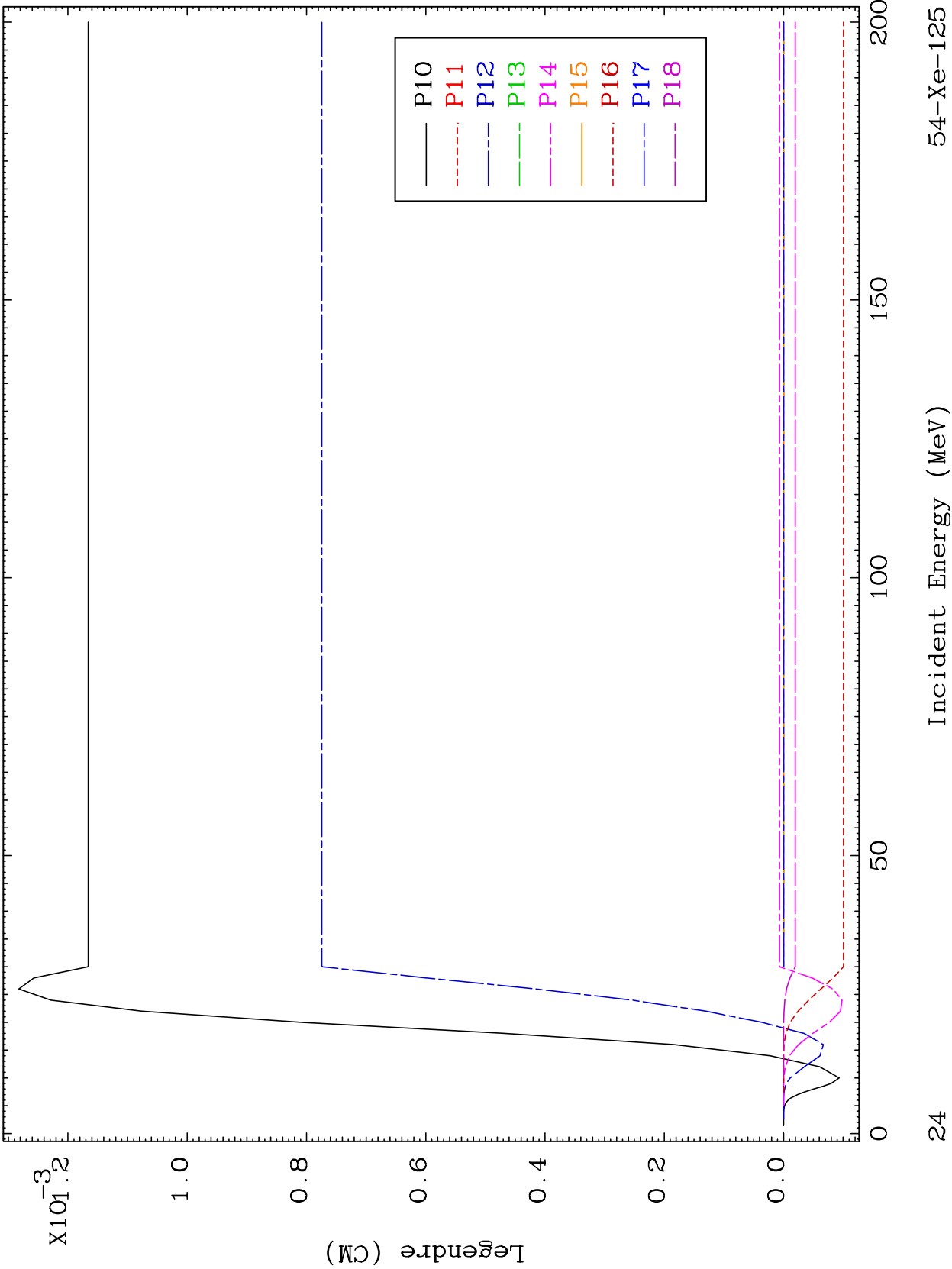
Incident Energy (MeV)

23

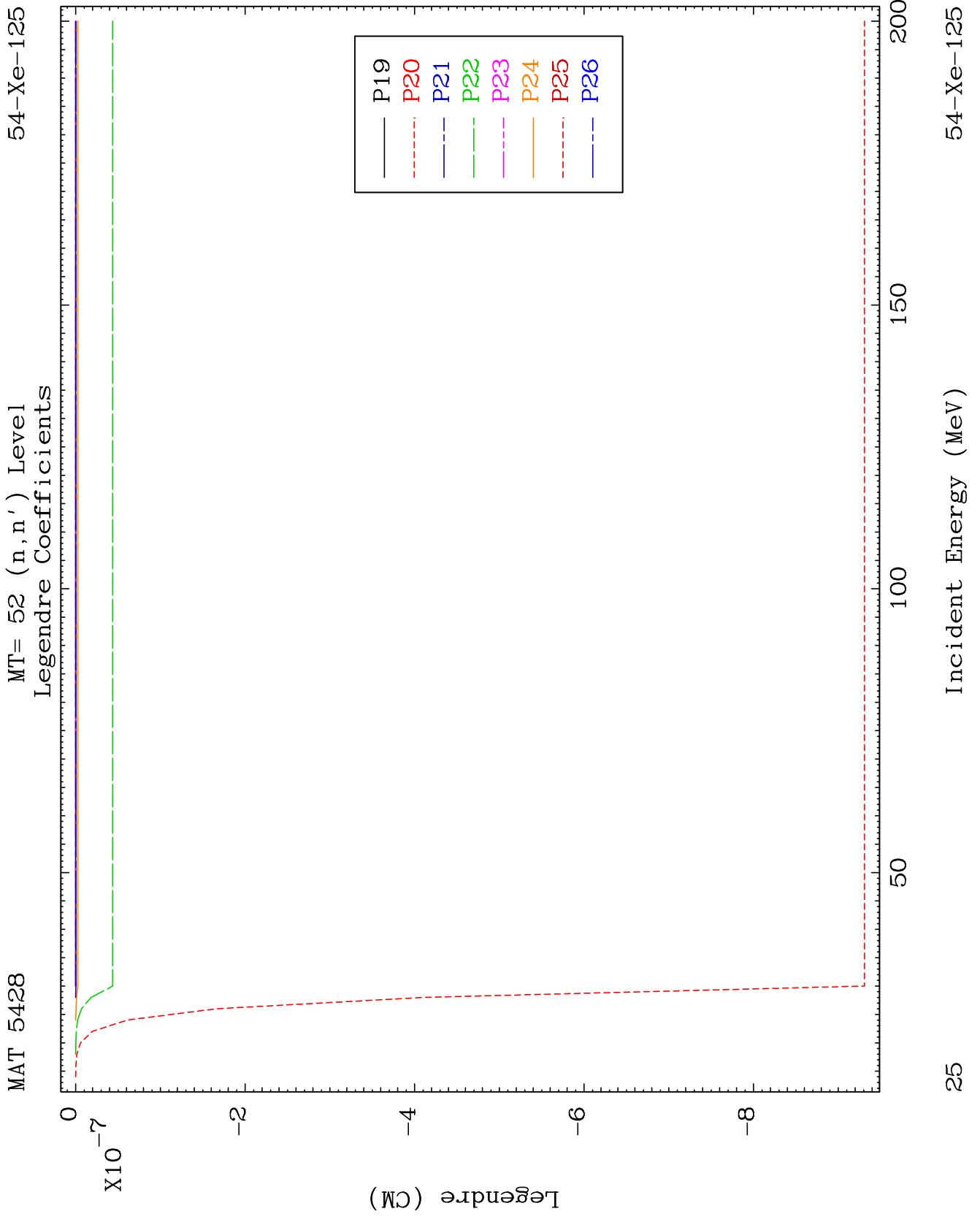
MAT 5428

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

54-Xe-125



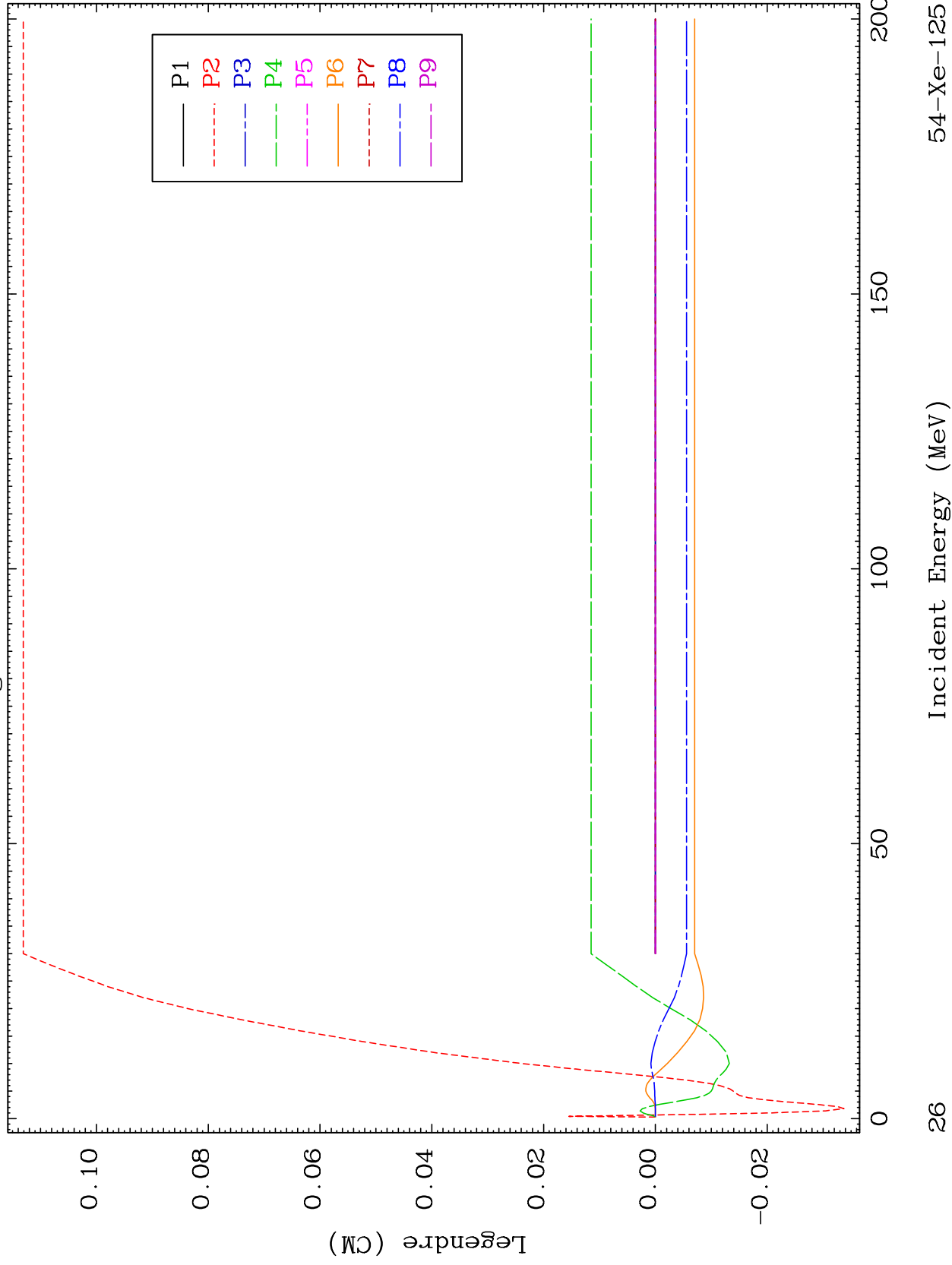
24



MAT 5428

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

54-Xe-125



54-Xe-125

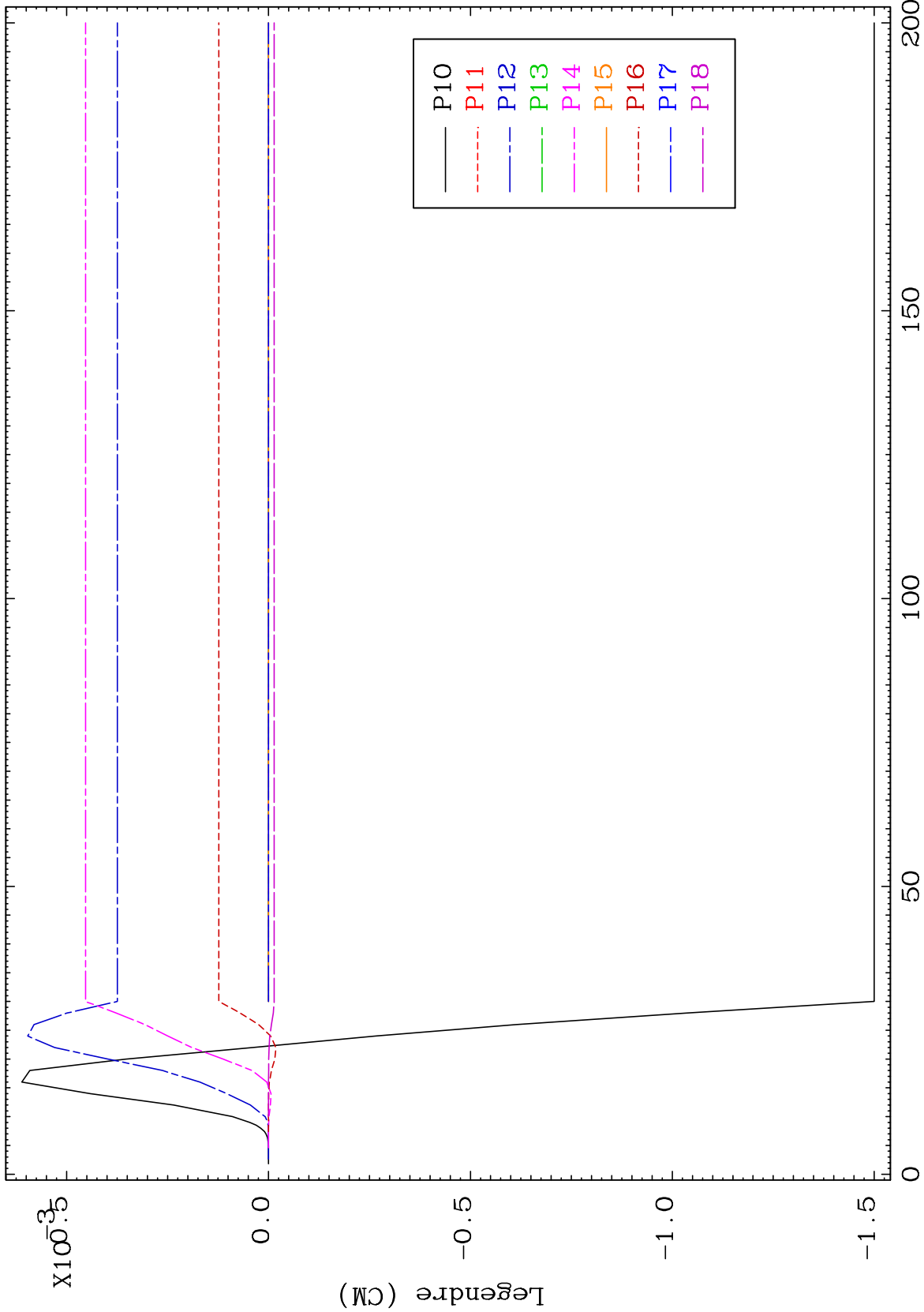
Incident Energy (MeV)

26

MAT 5428

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

54-Xe-125



27

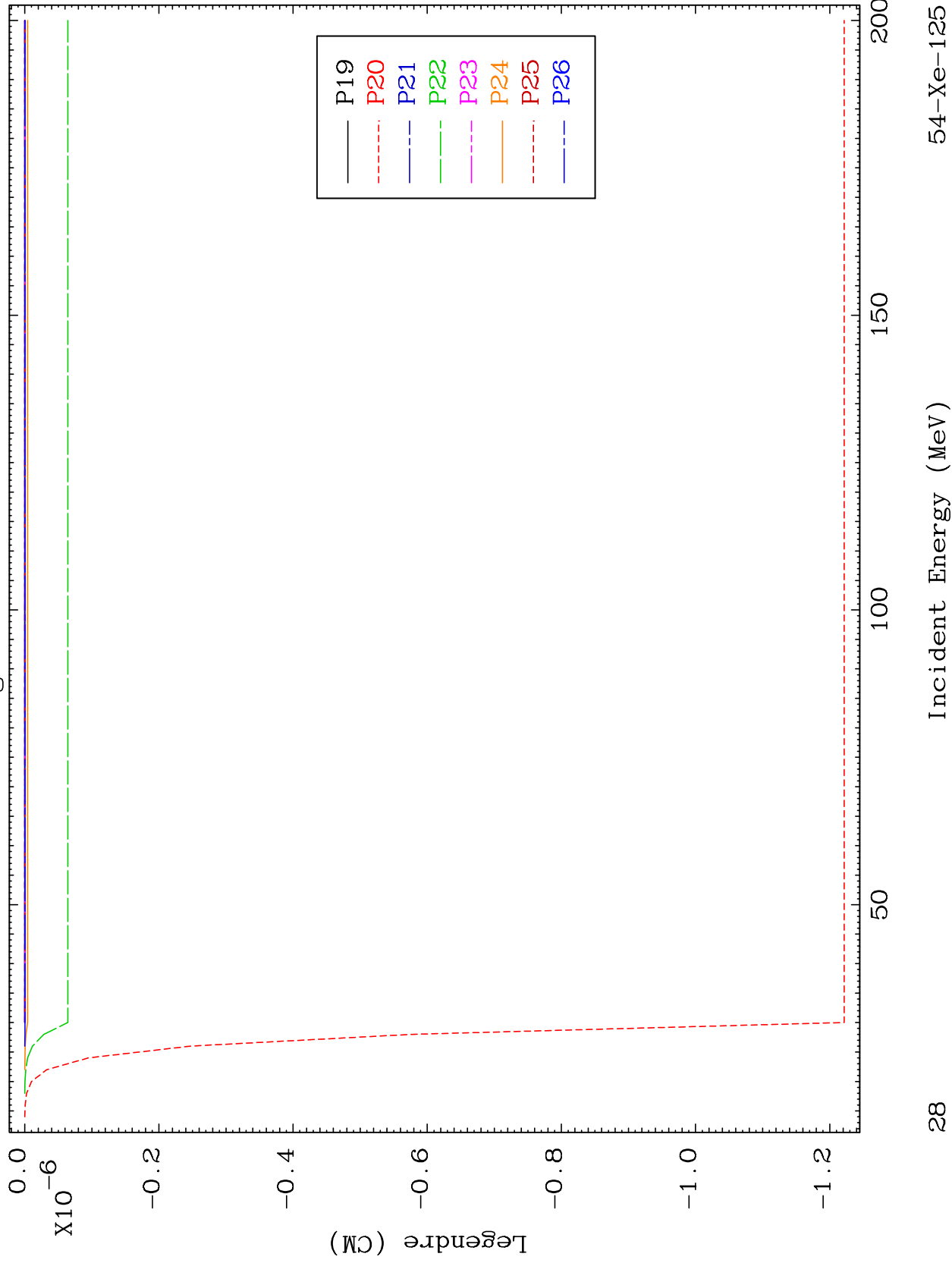
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



28

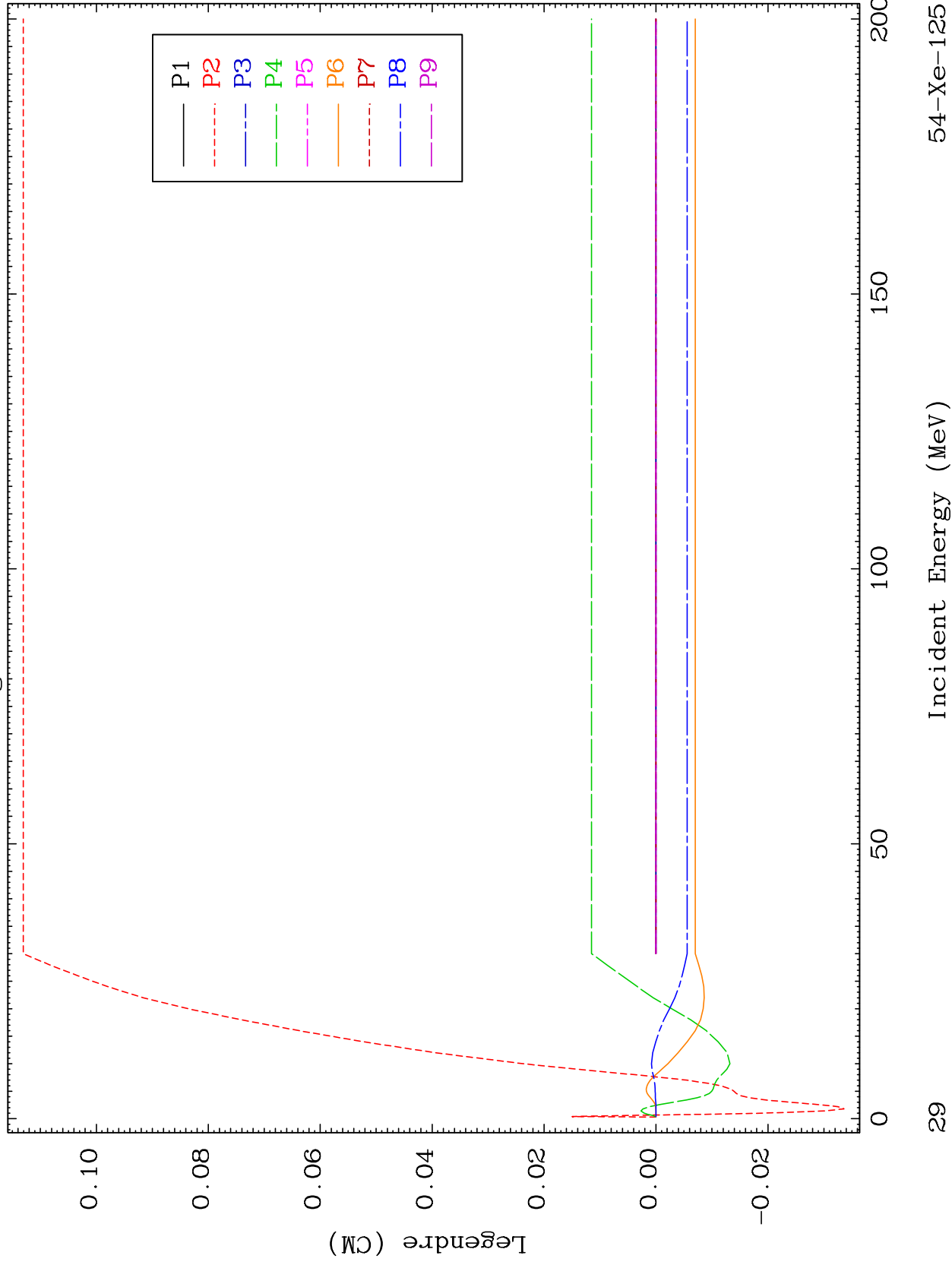
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



29

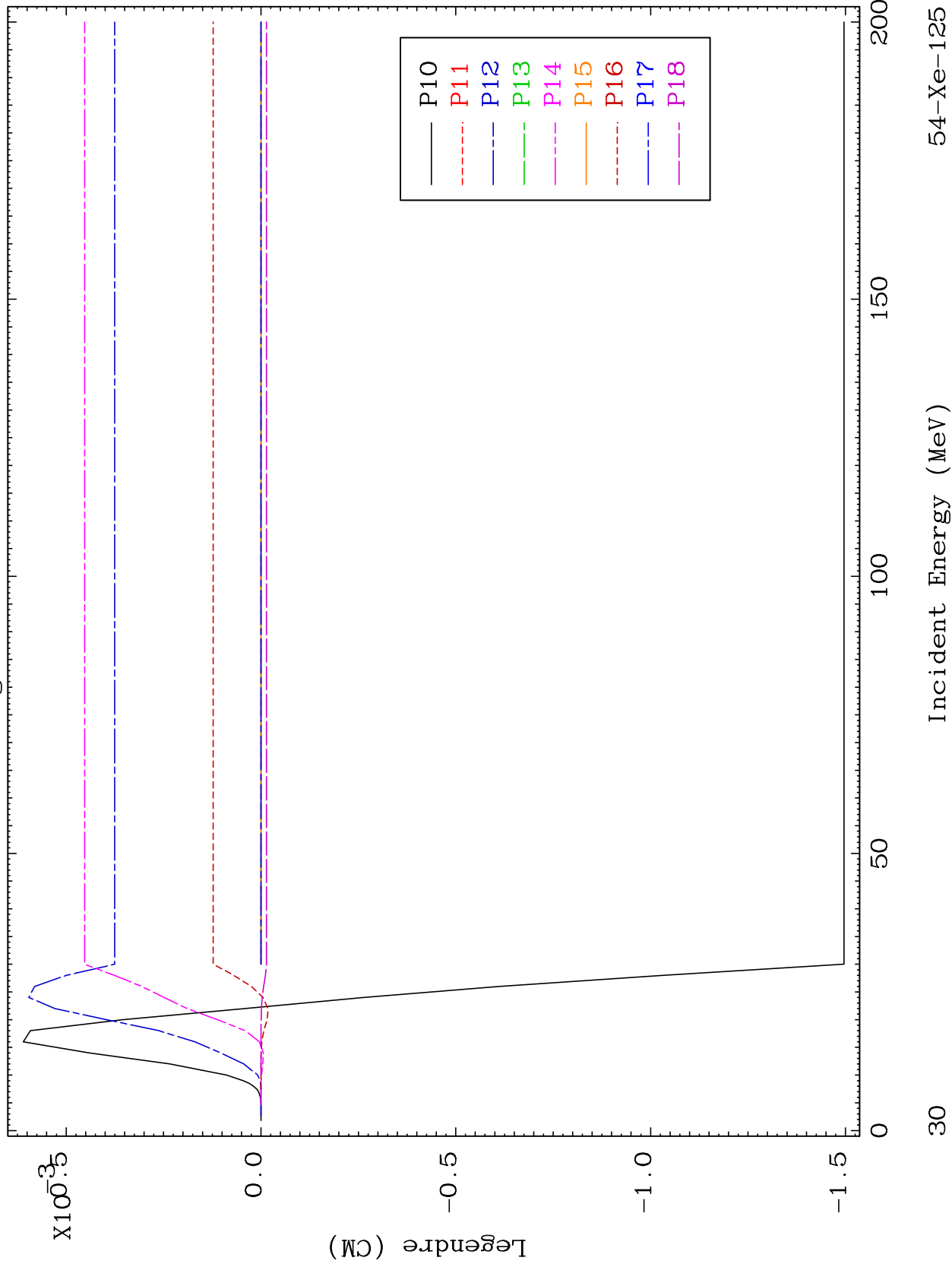
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



54-Xe-125

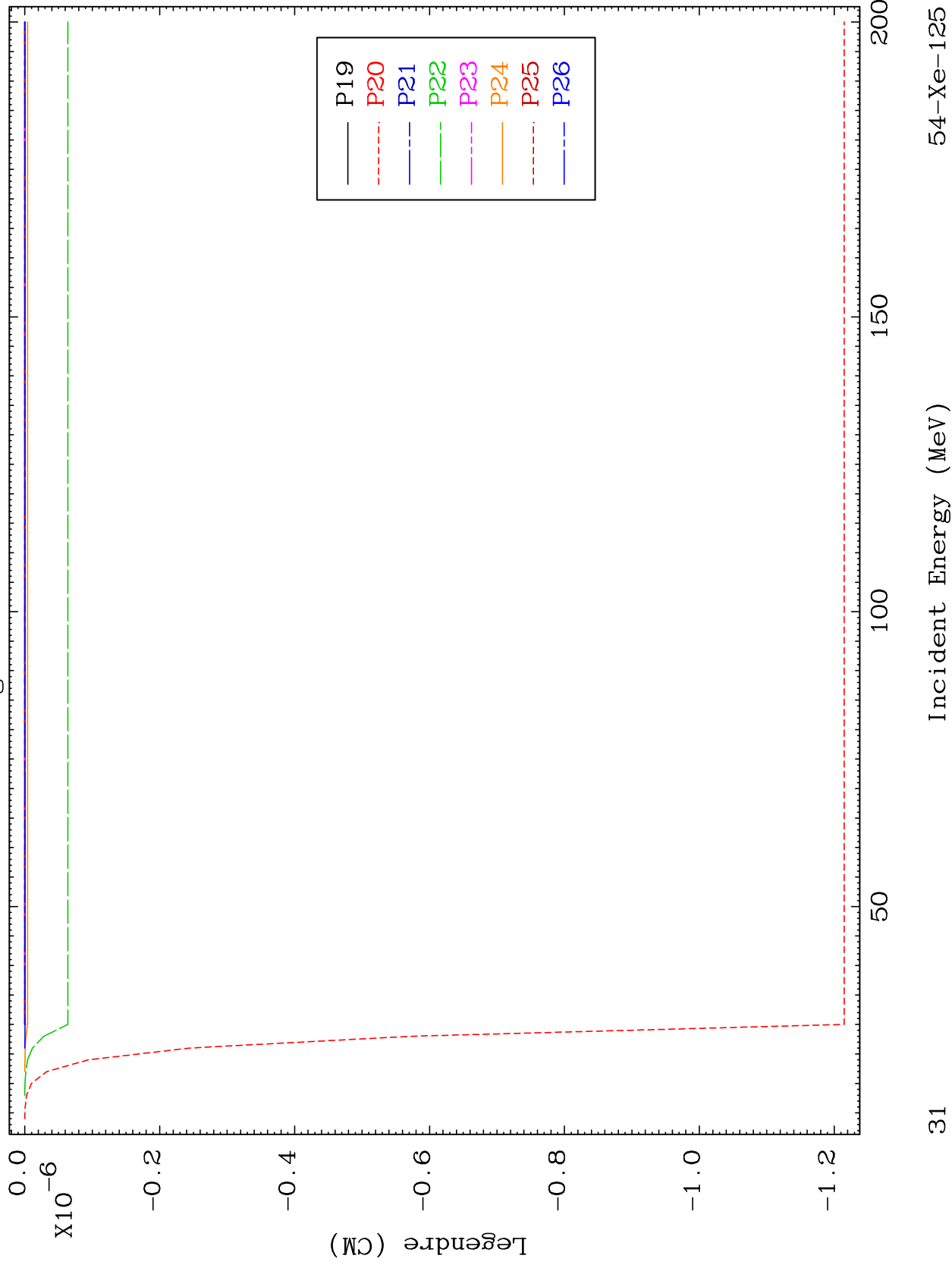
Incident Energy (MeV)

30

MAT 5428

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

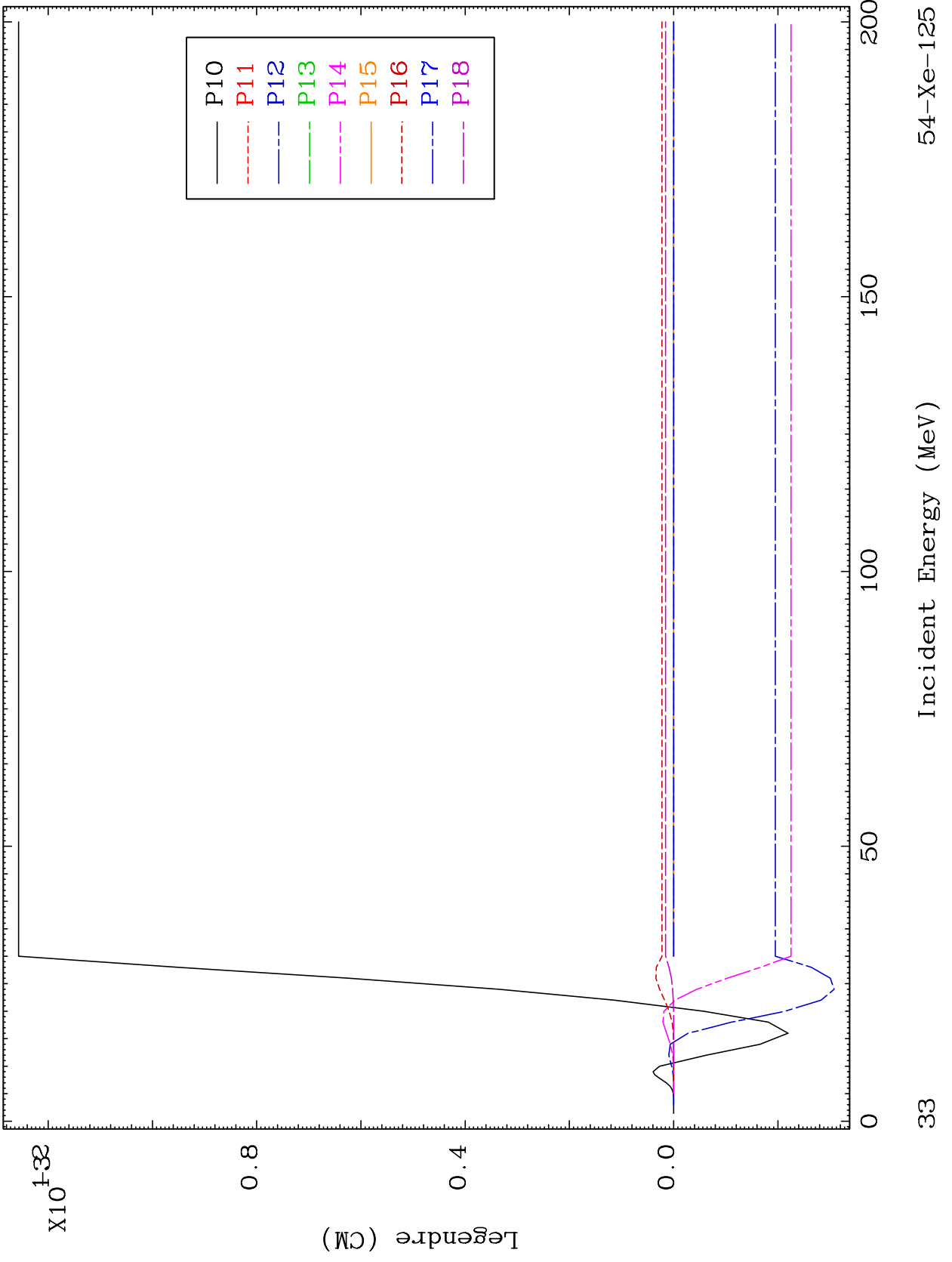
54-Xe-125



MAT 5428

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

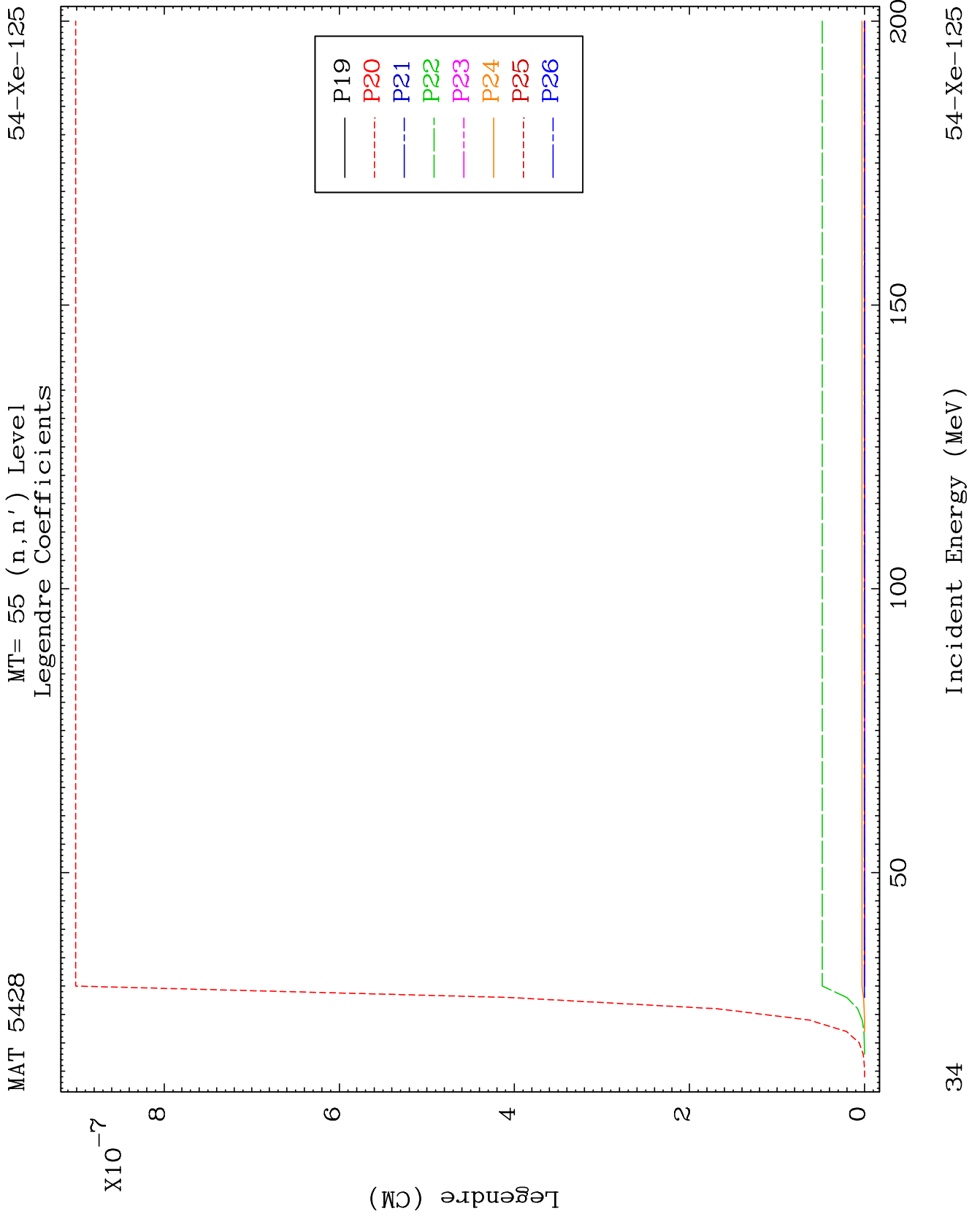
54-Xe-125



33

Incident Energy (MeV)

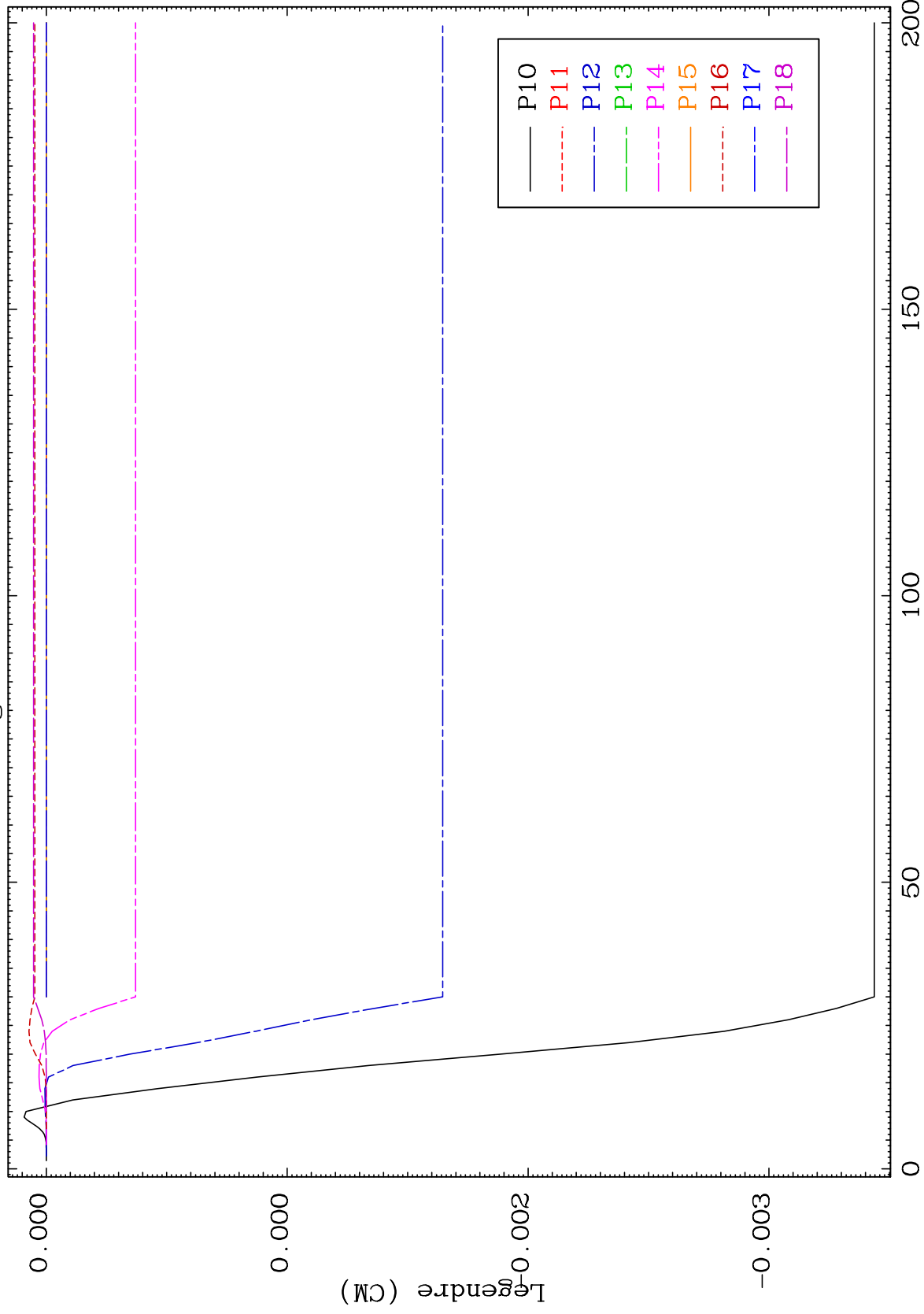
54-Xe-125



MAT 5428

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

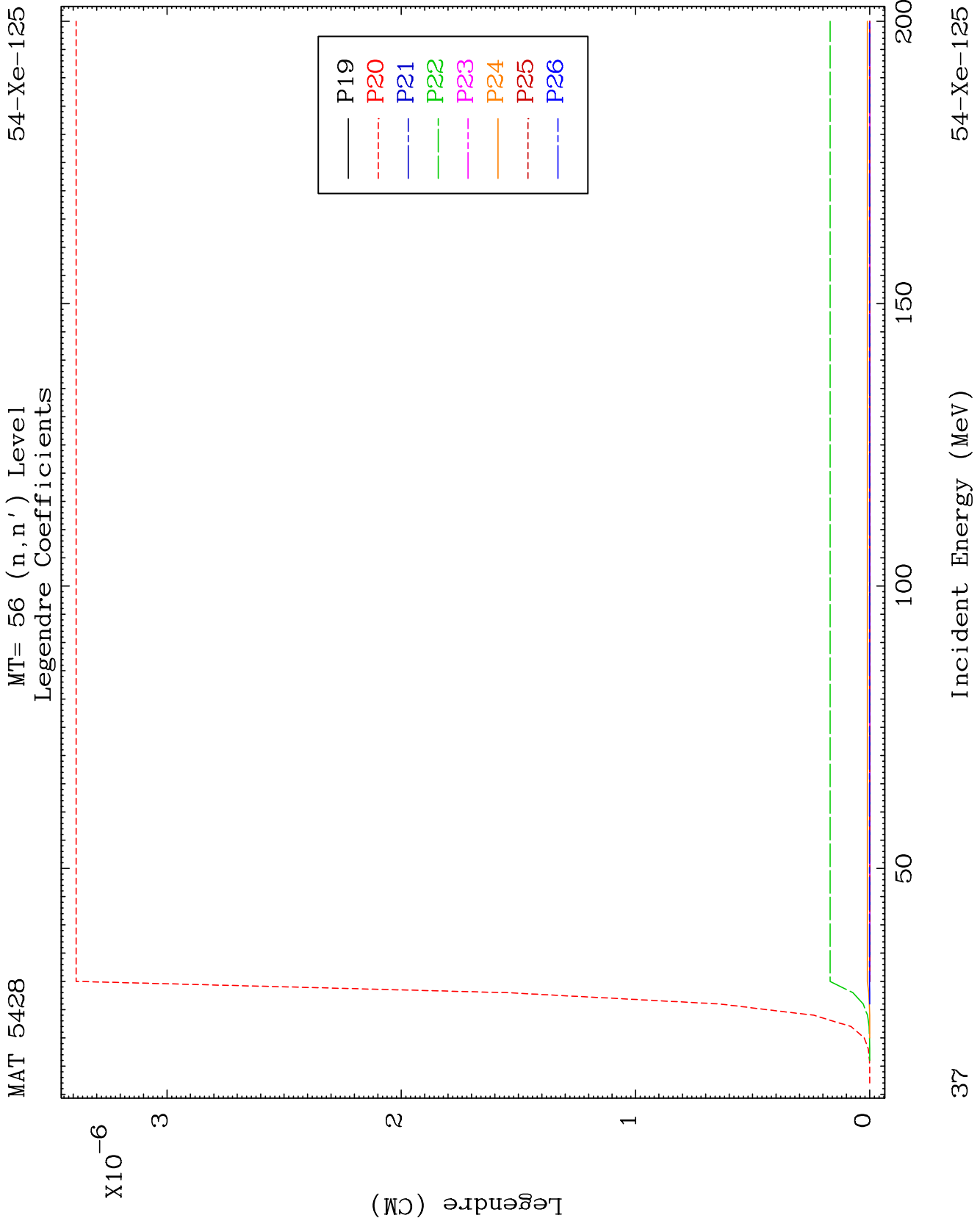
54-Xe-125



36

Incident Energy (MeV)

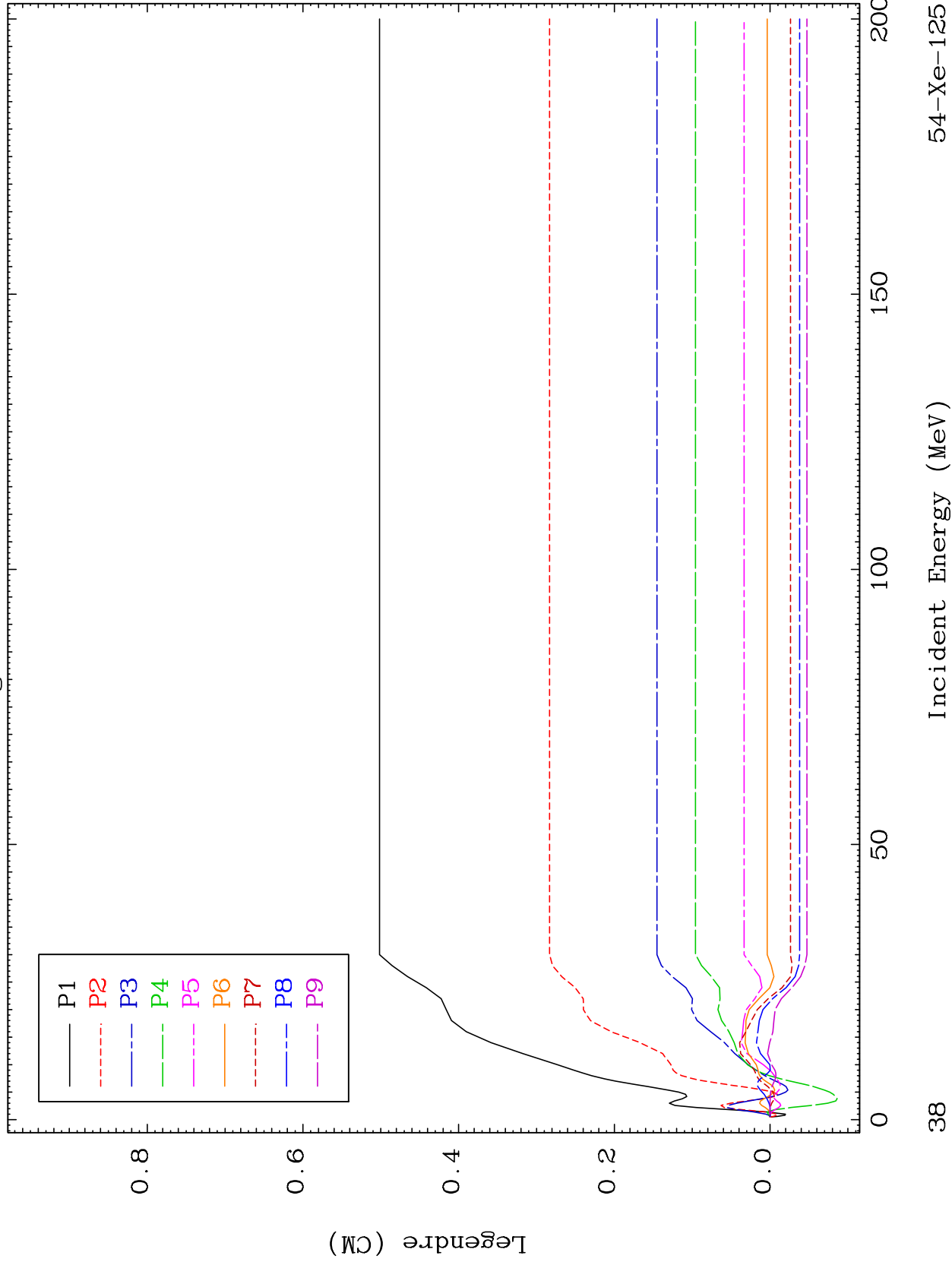
54-Xe-125



MAT 5428

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

54-Xe-125



54-Xe-125

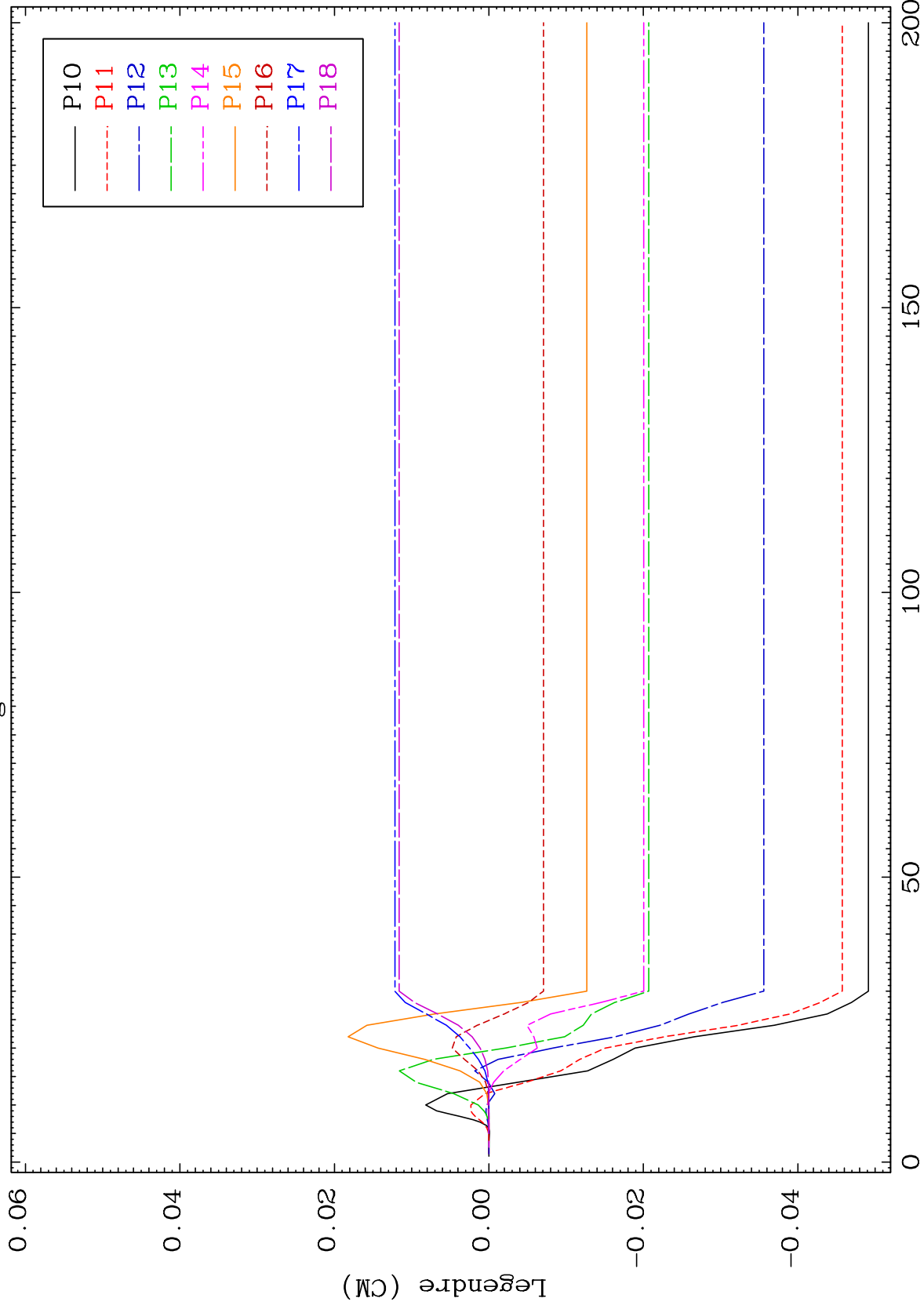
Incident Energy (MeV)

38

MAT 5428

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

54-Xe-125



39

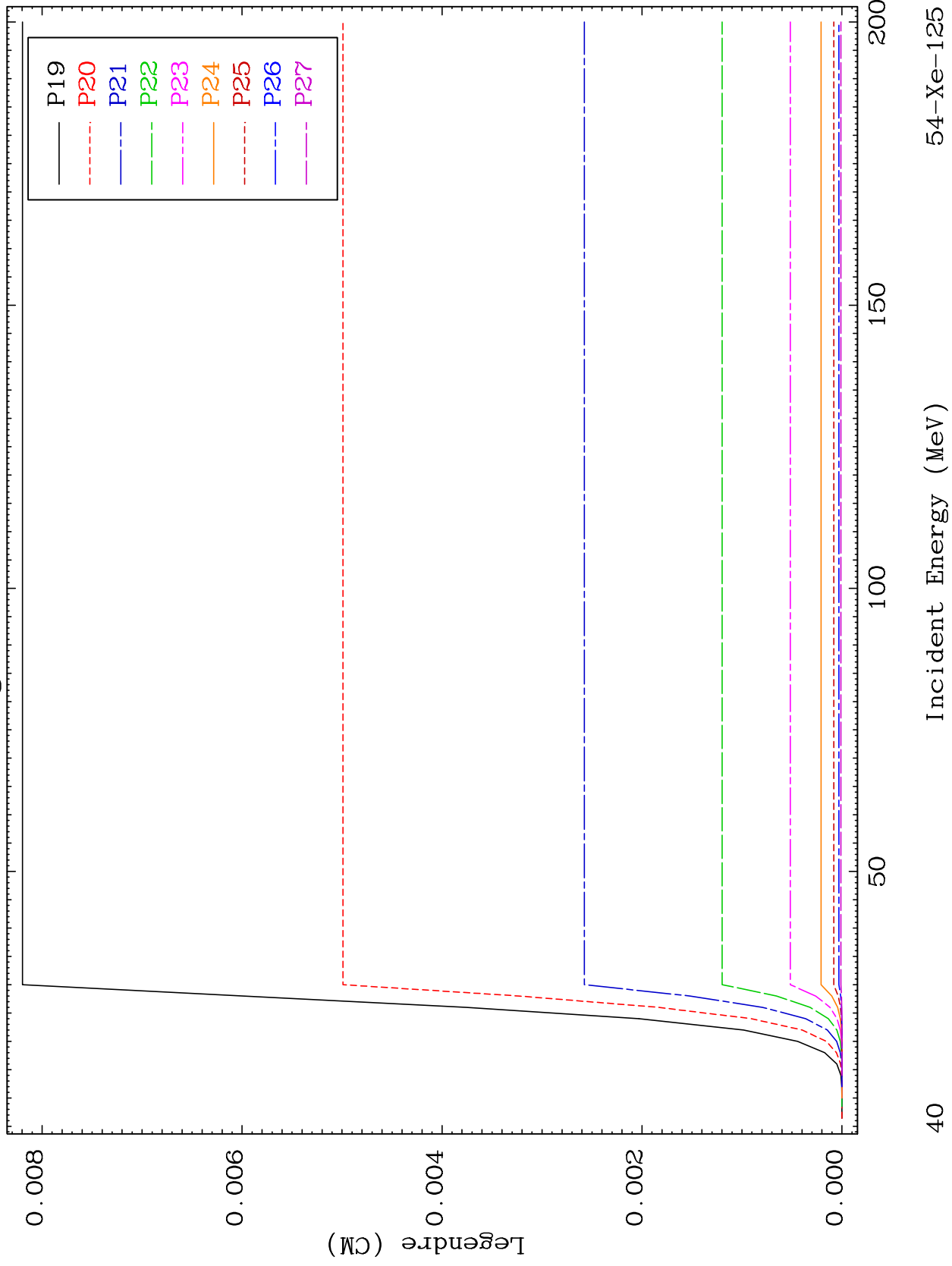
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



54-Xe-125

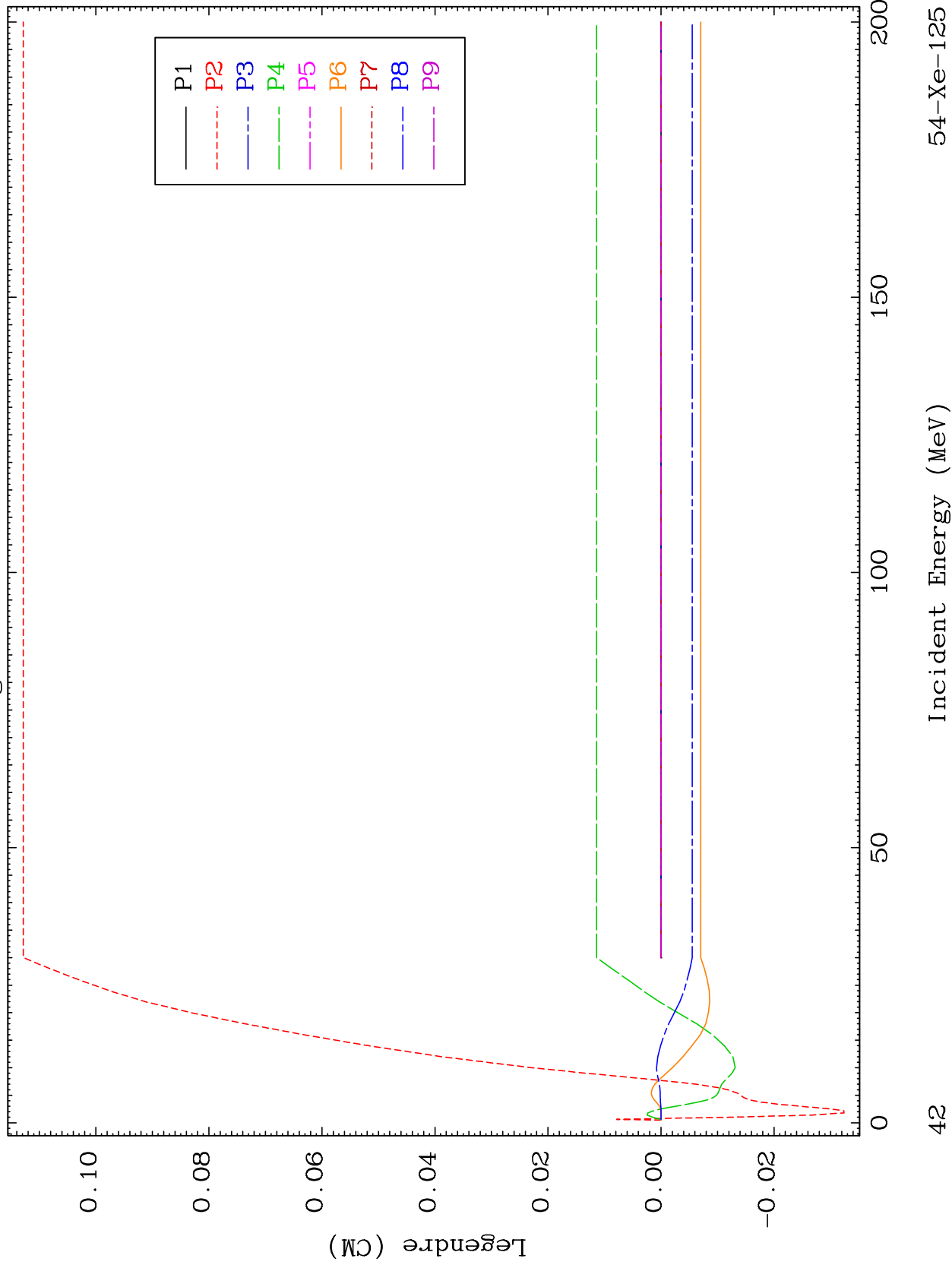
Incident Energy (MeV)

40

MAT 5428

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

54-Xe-125



54-Xe-125

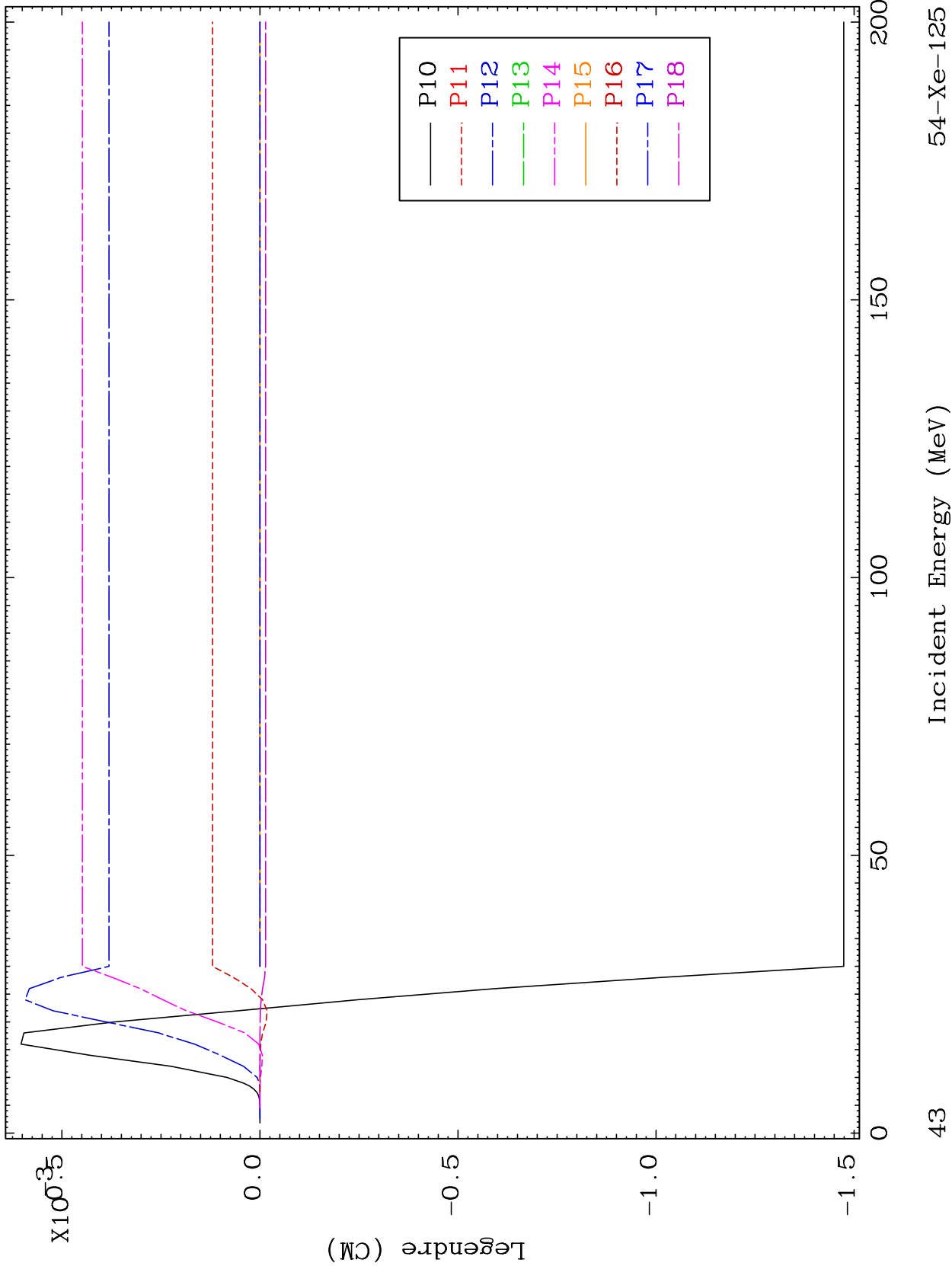
Incident Energy (MeV)

42

MAT 5428

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

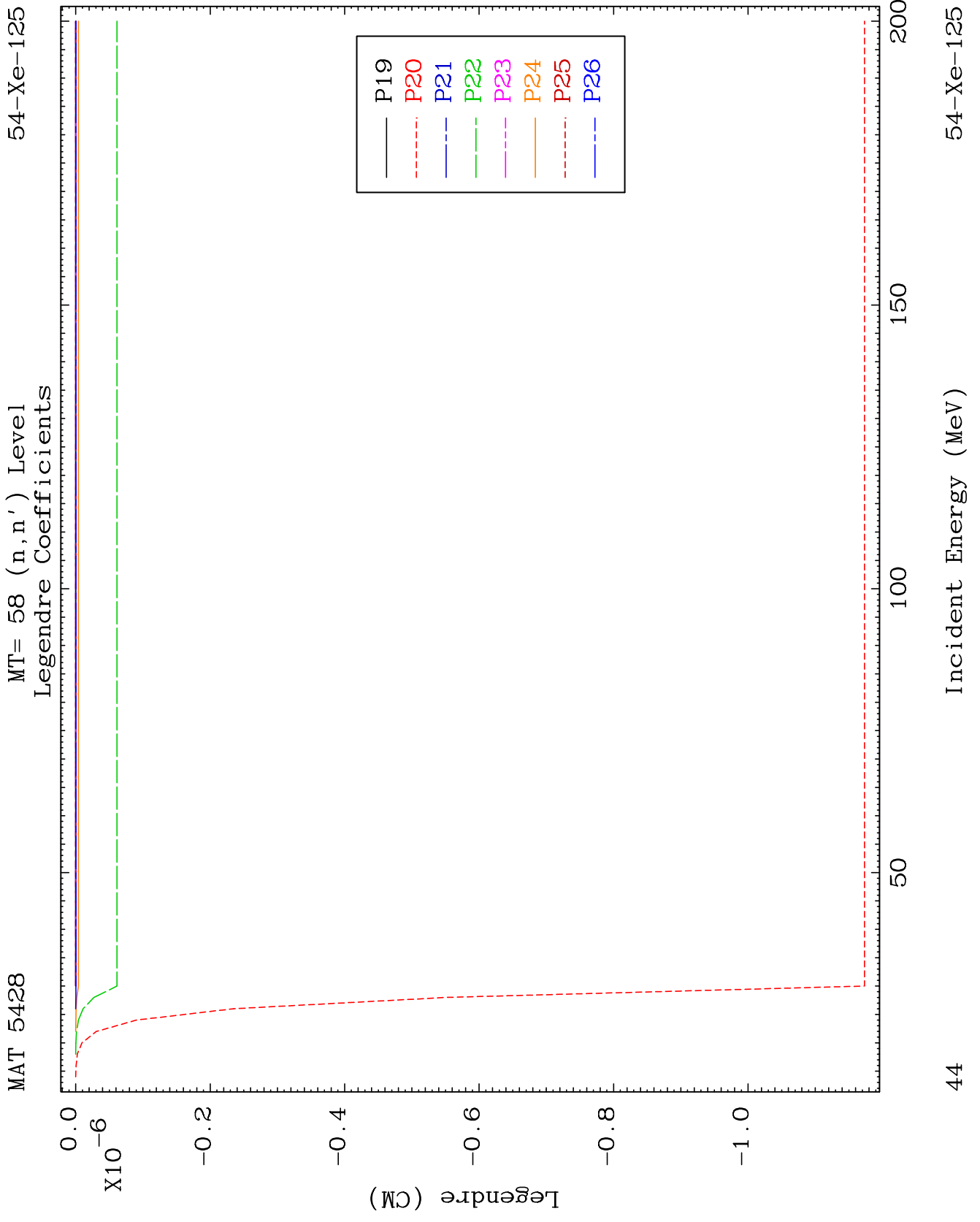
54-Xe-125



43

Incident Energy (MeV)

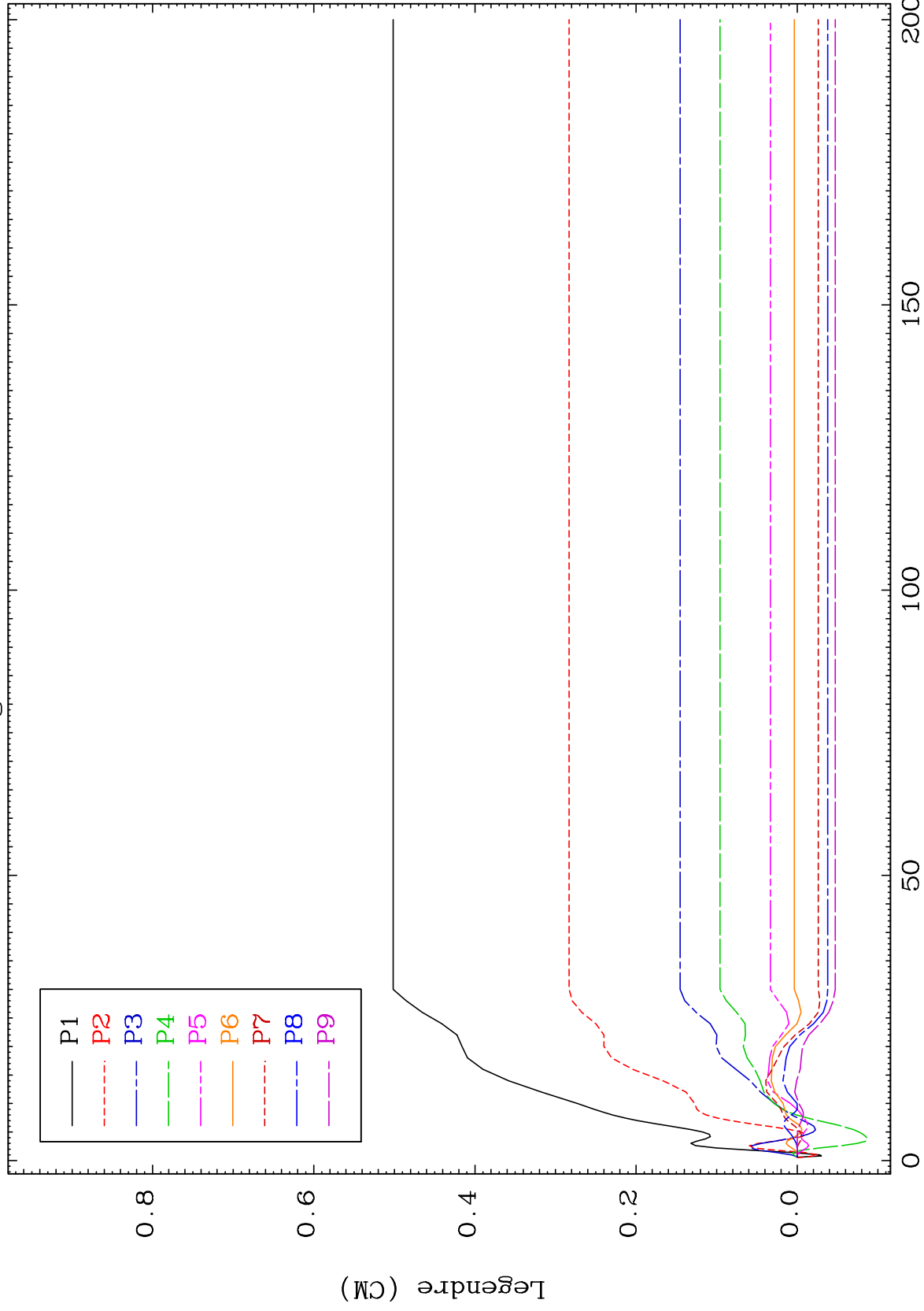
54-Xe-125



MAT 5428

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

54-Xe-125



54-Xe-125

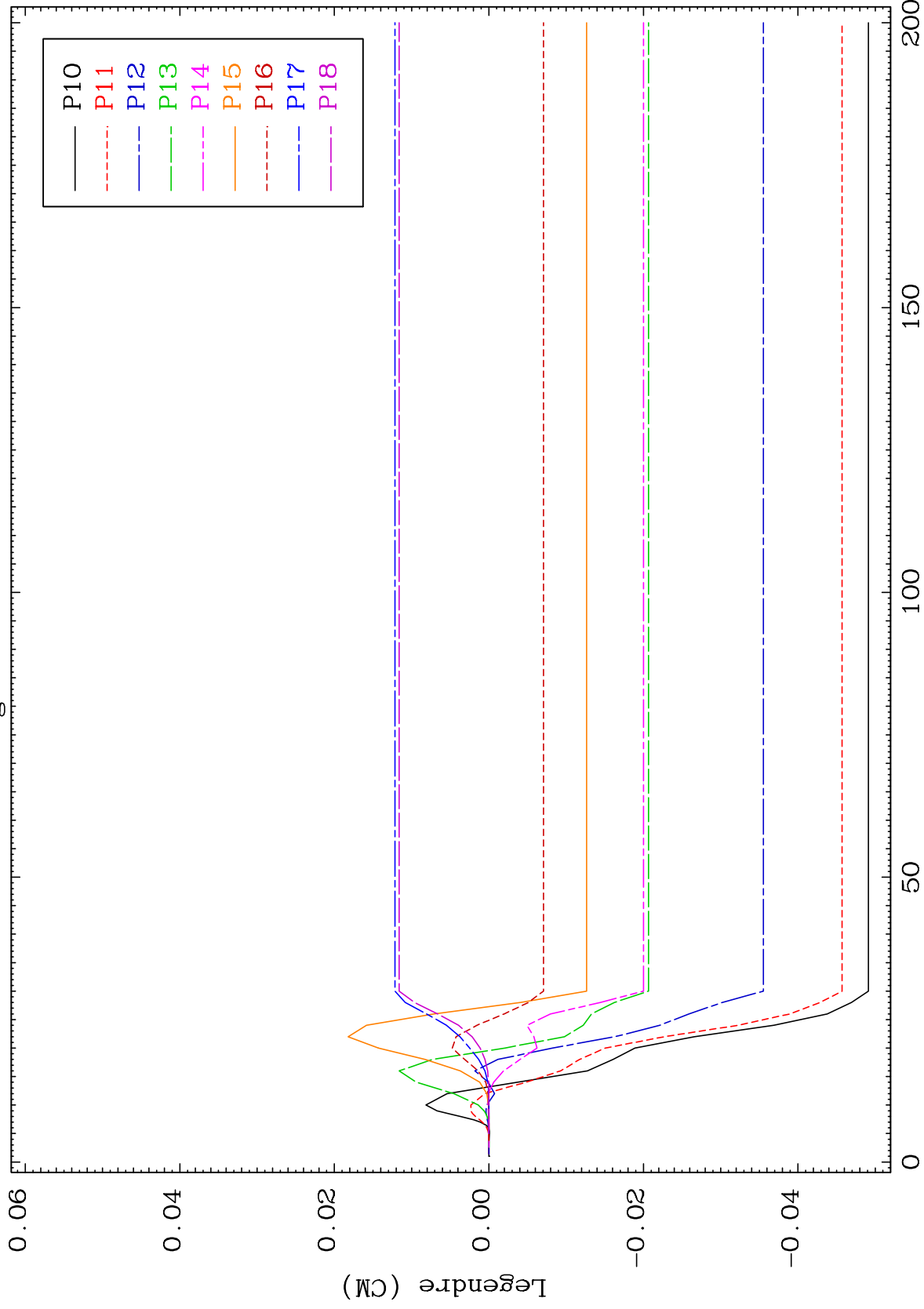
Incident Energy (MeV)

45

MAT 5428

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

54-Xe-125



46

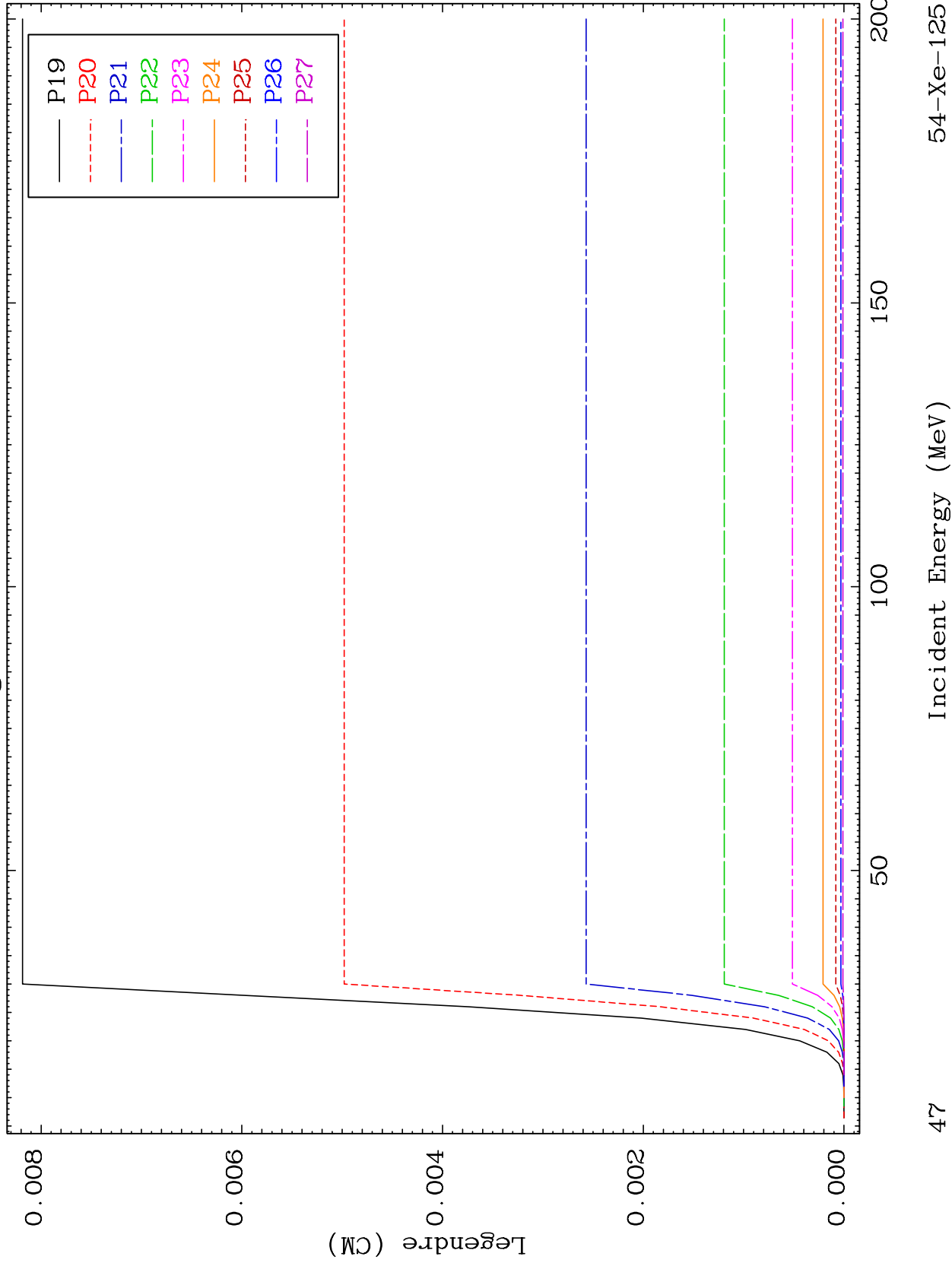
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



47

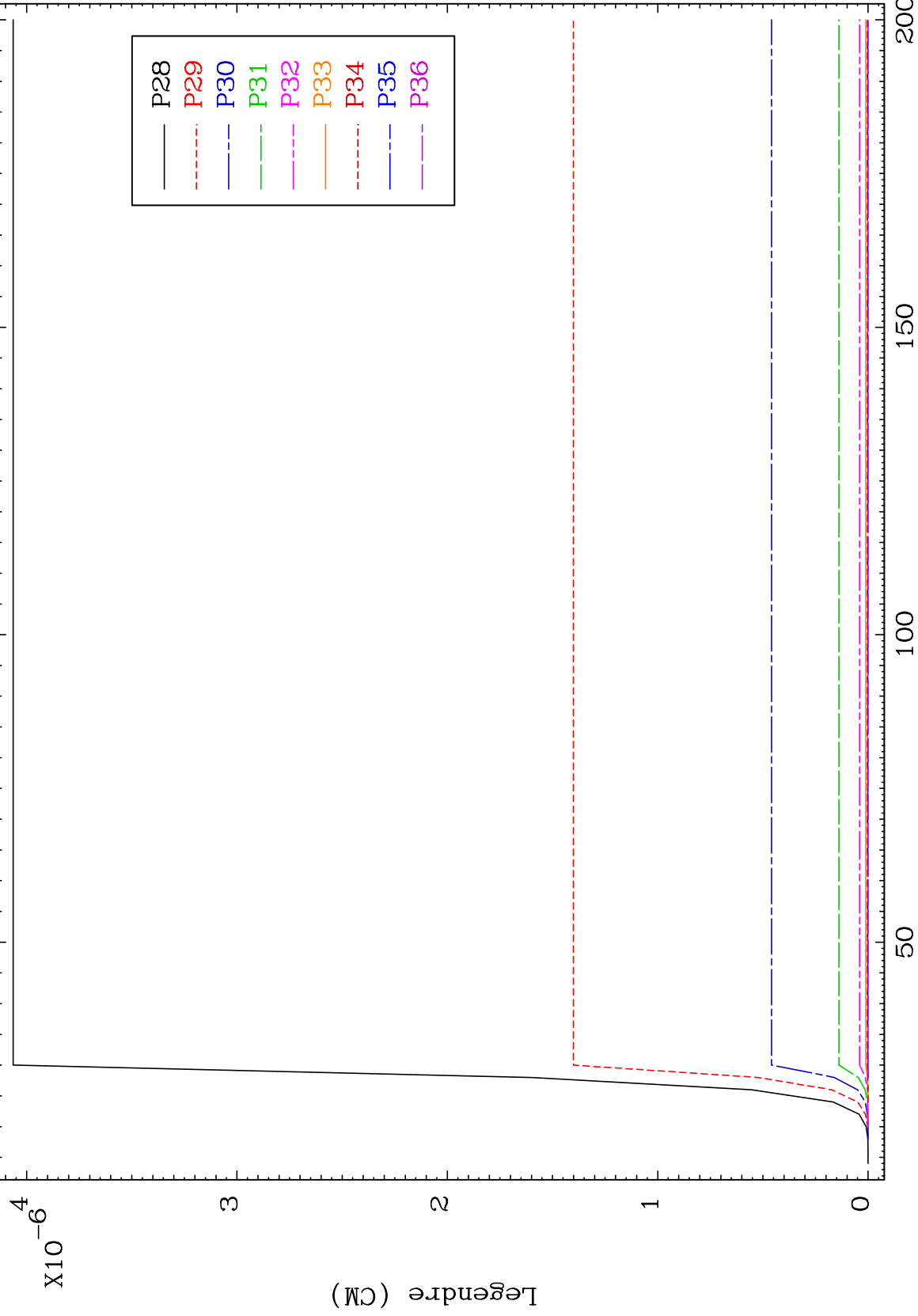
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



48

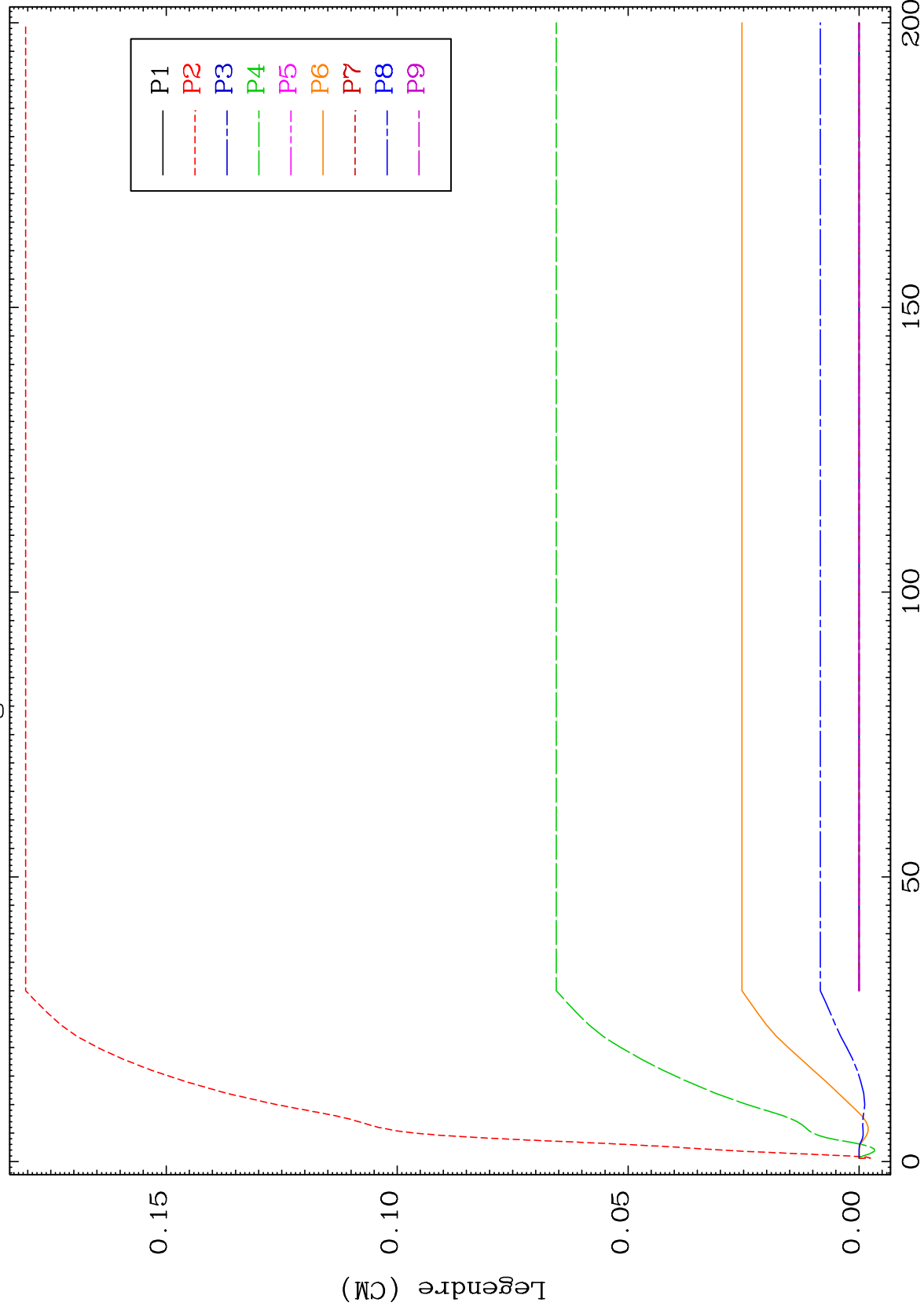
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



49

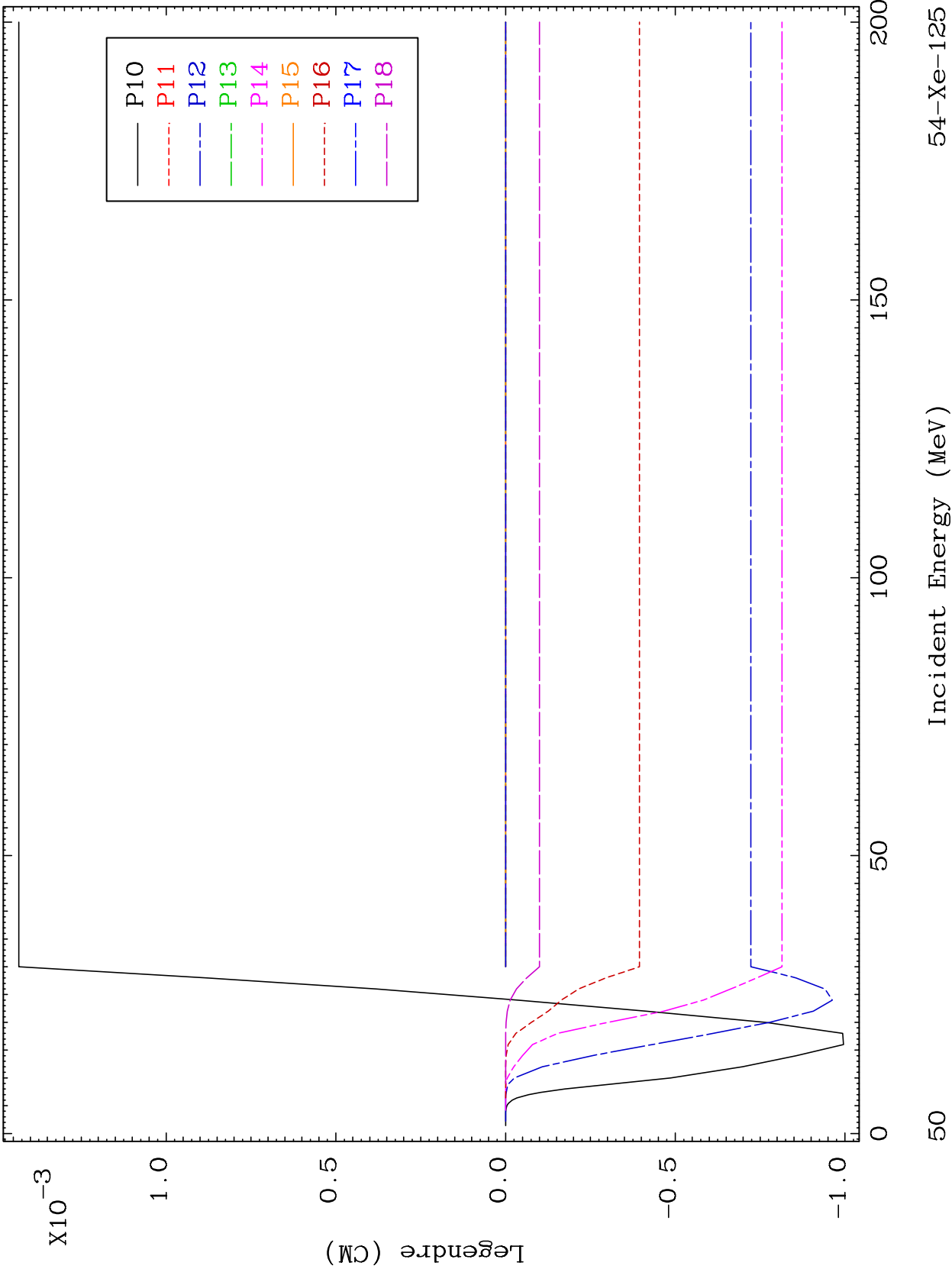
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



54-Xe-125

Incident Energy (MeV)

50

0

50

100

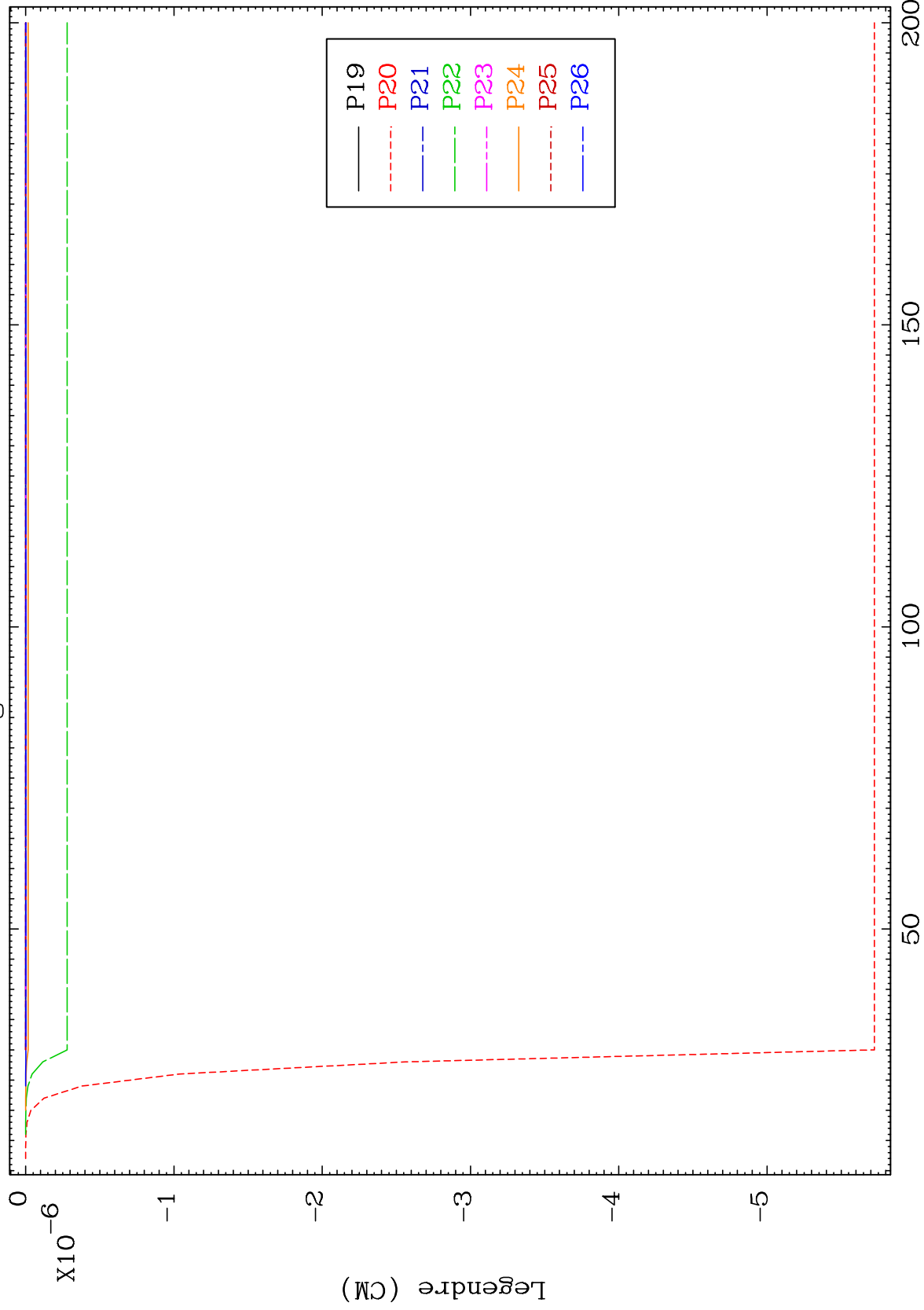
150

200

MAT 5428

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

54-Xe-125



51

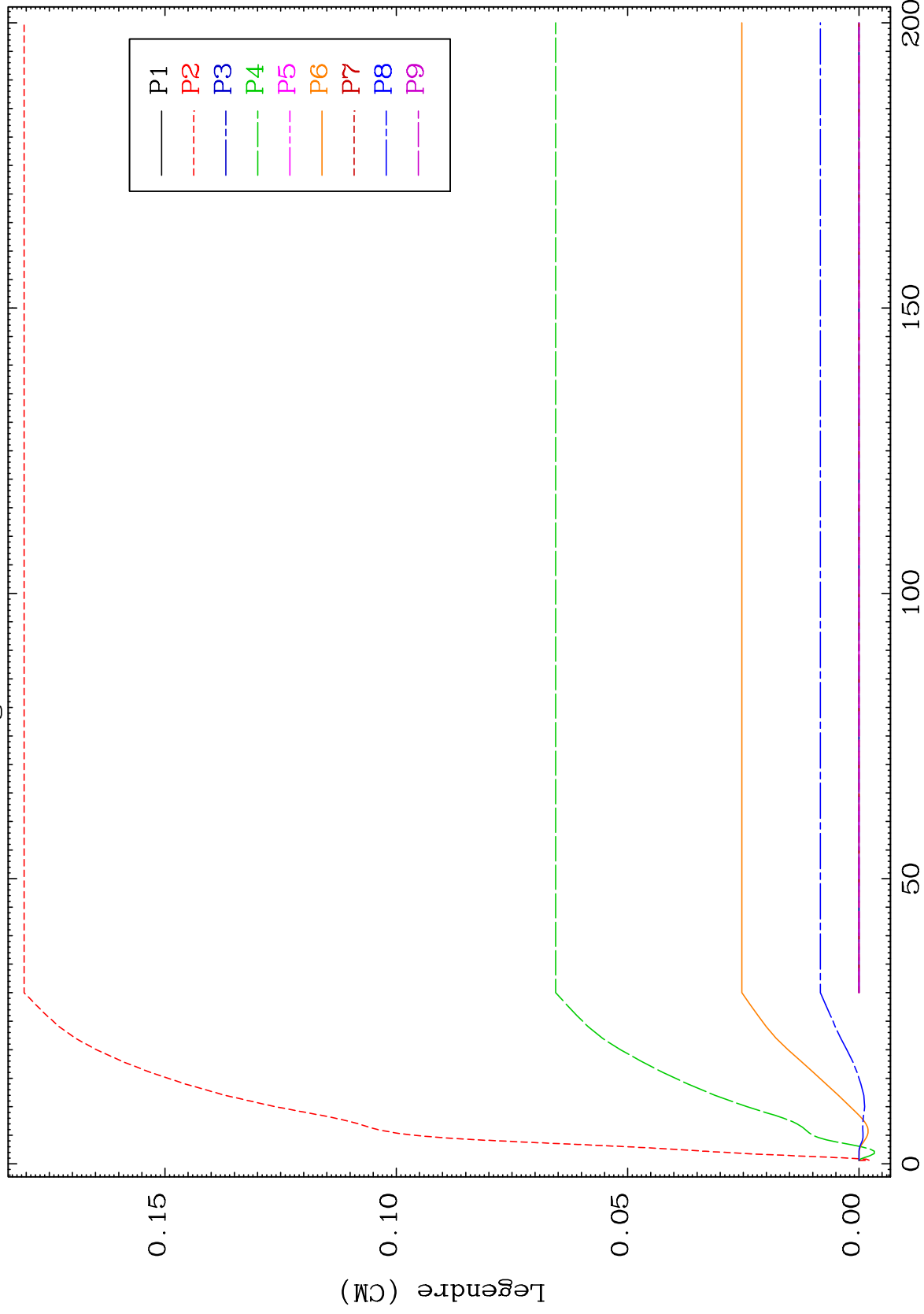
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

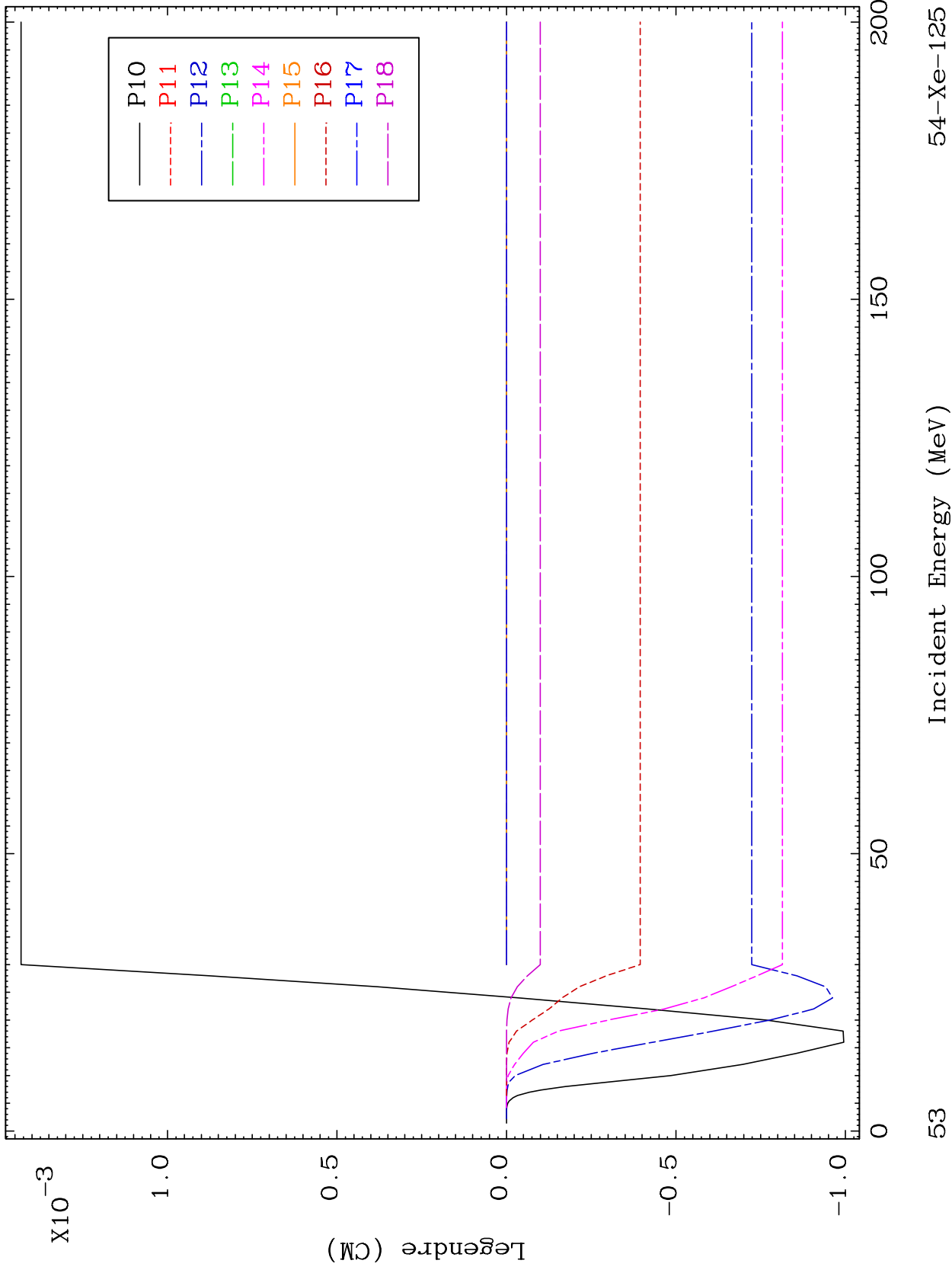
54-Xe-125

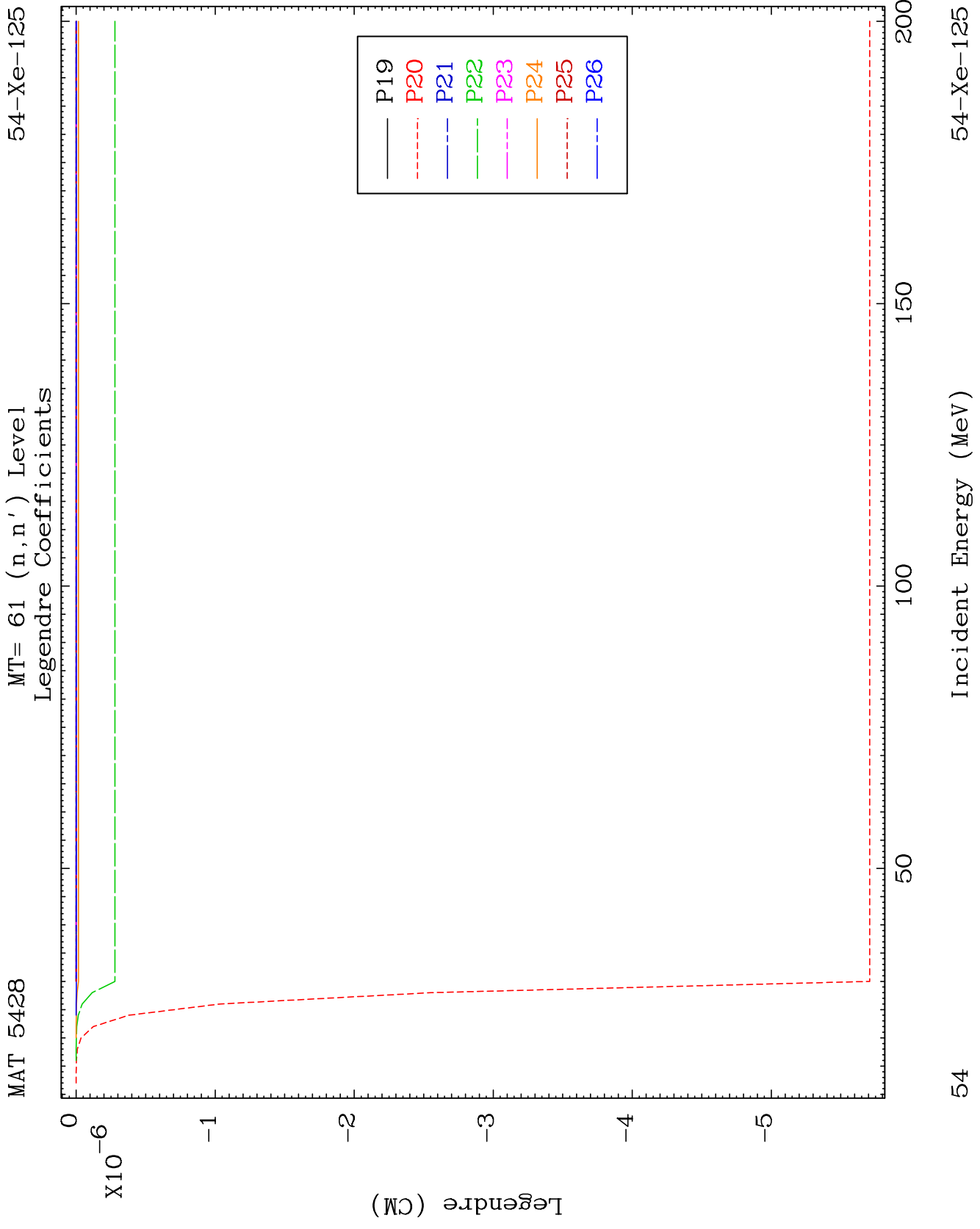


52

Incident Energy (MeV)

54-Xe-125

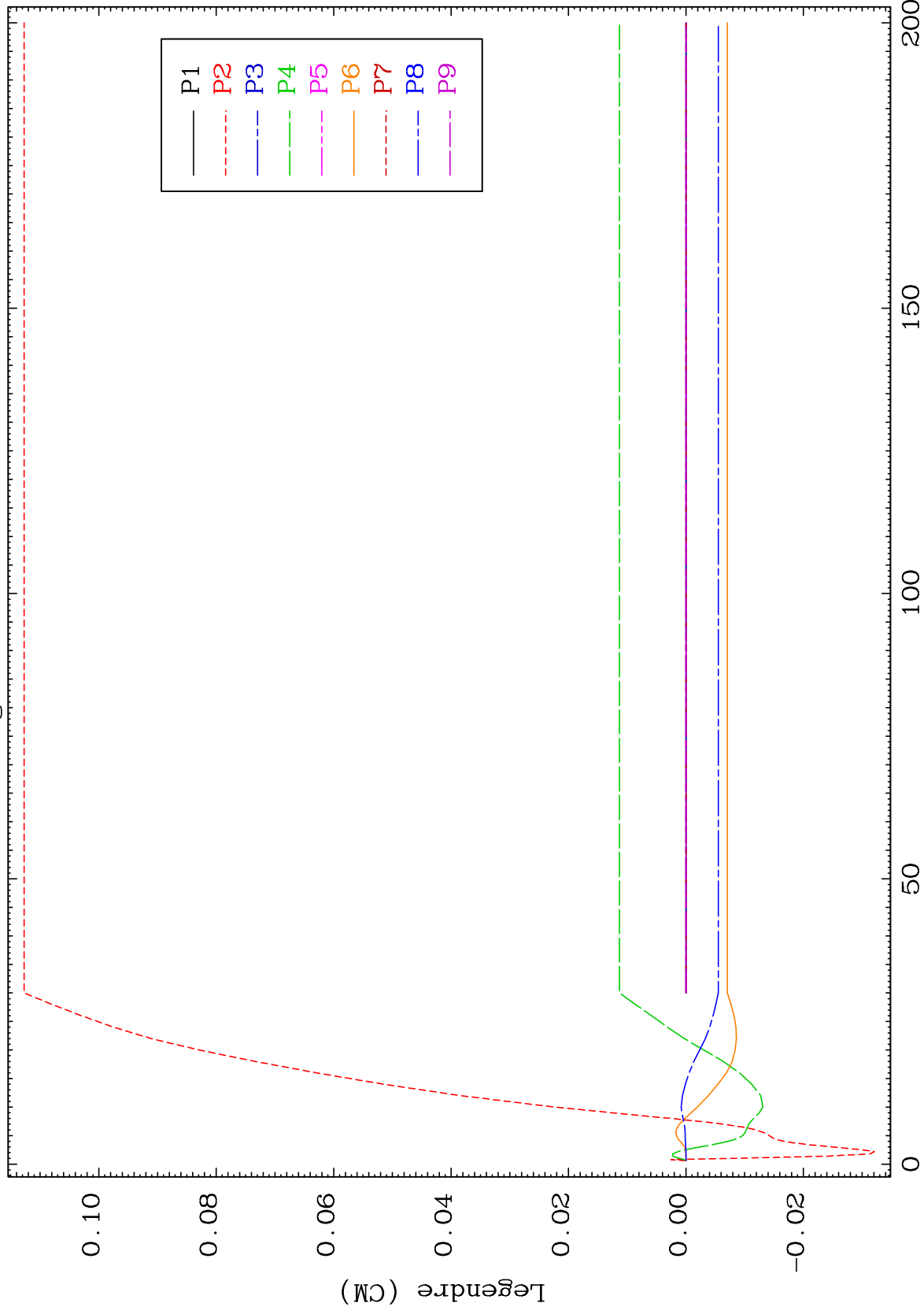




MAT 5428

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

54-Xe-125



54-Xe-125

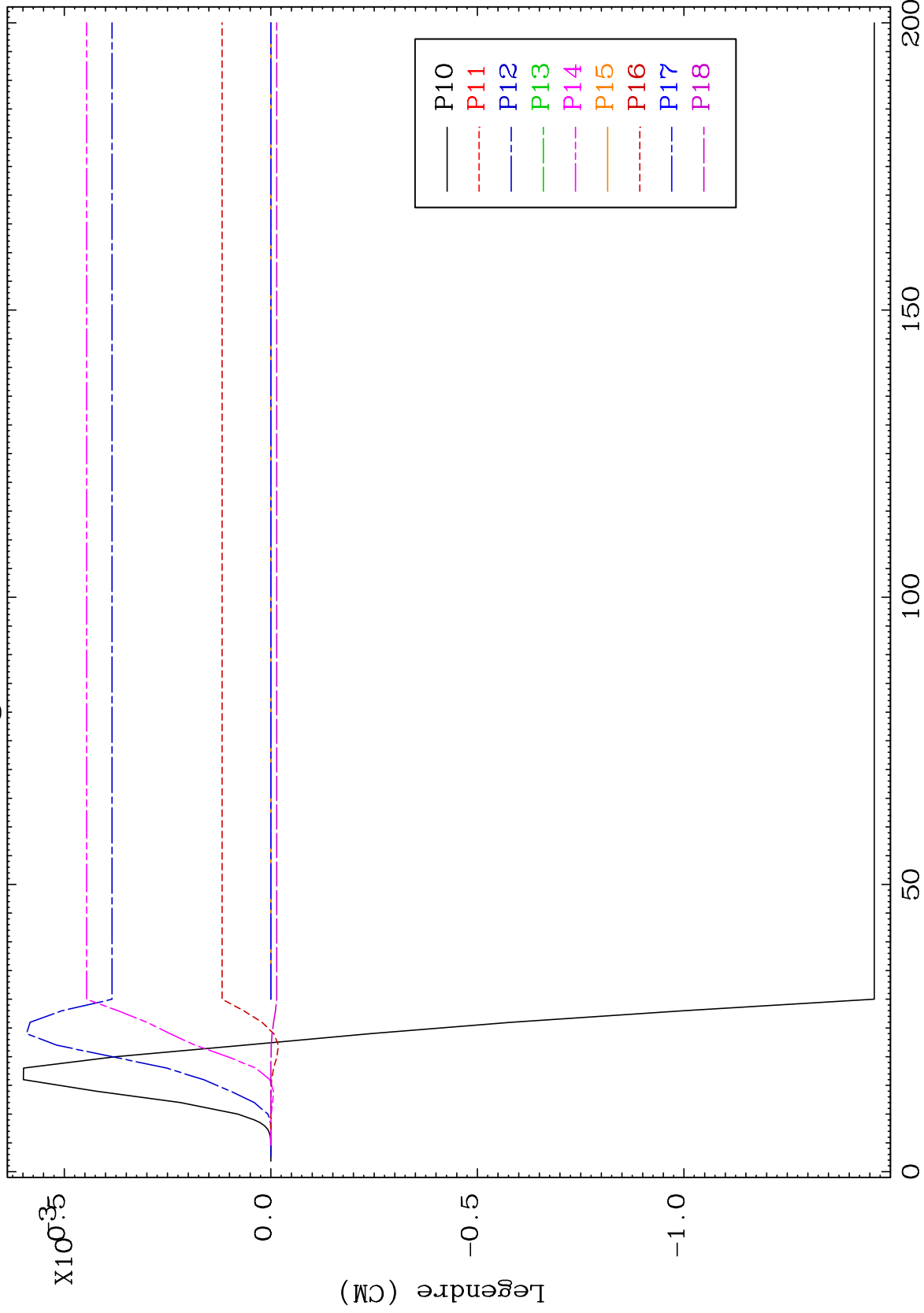
Incident Energy (MeV)

55

MAT 5428

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

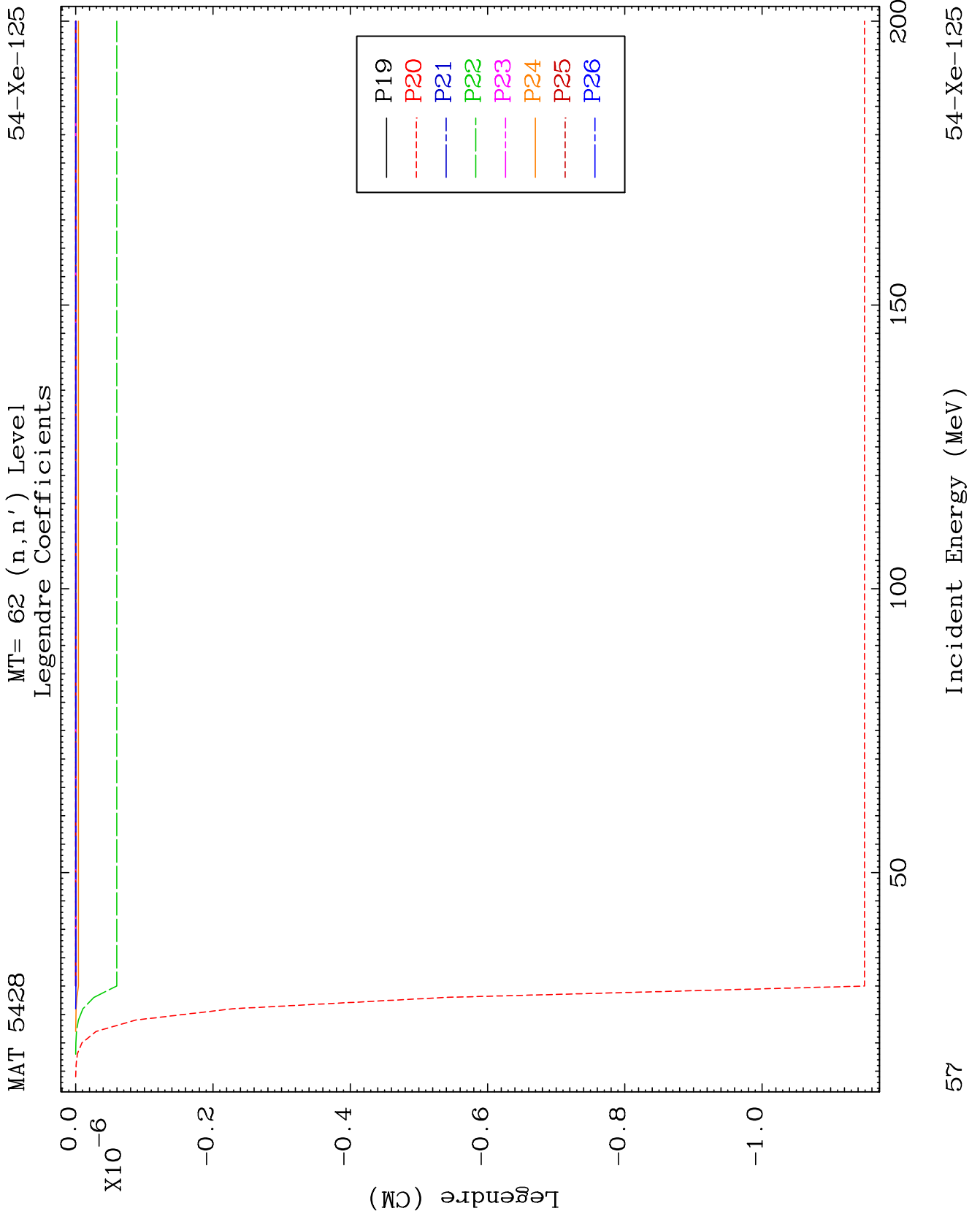
54-Xe-125



56

Incident Energy (MeV)

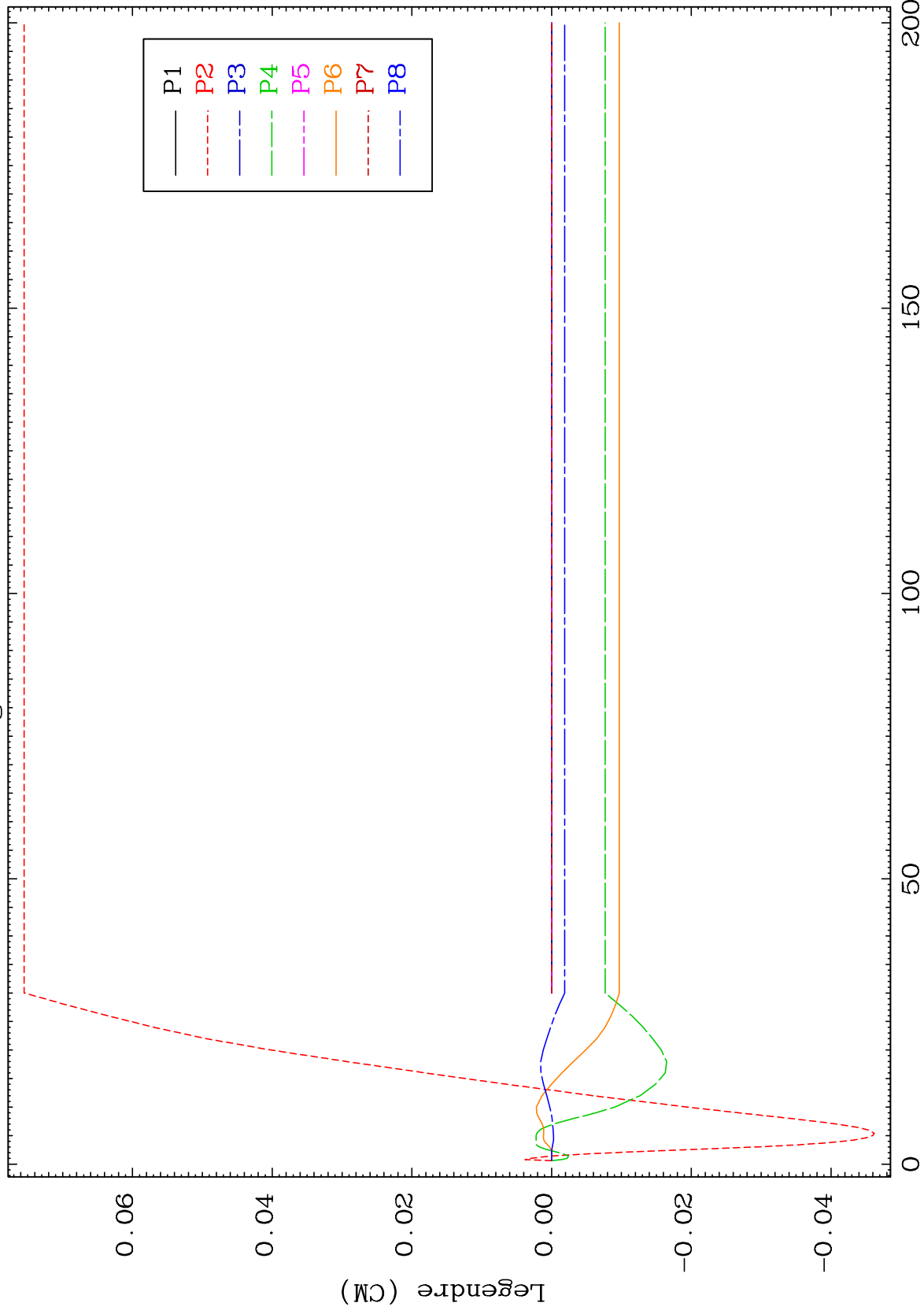
54-Xe-125



MAT 5428

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

54-Xe-125



58

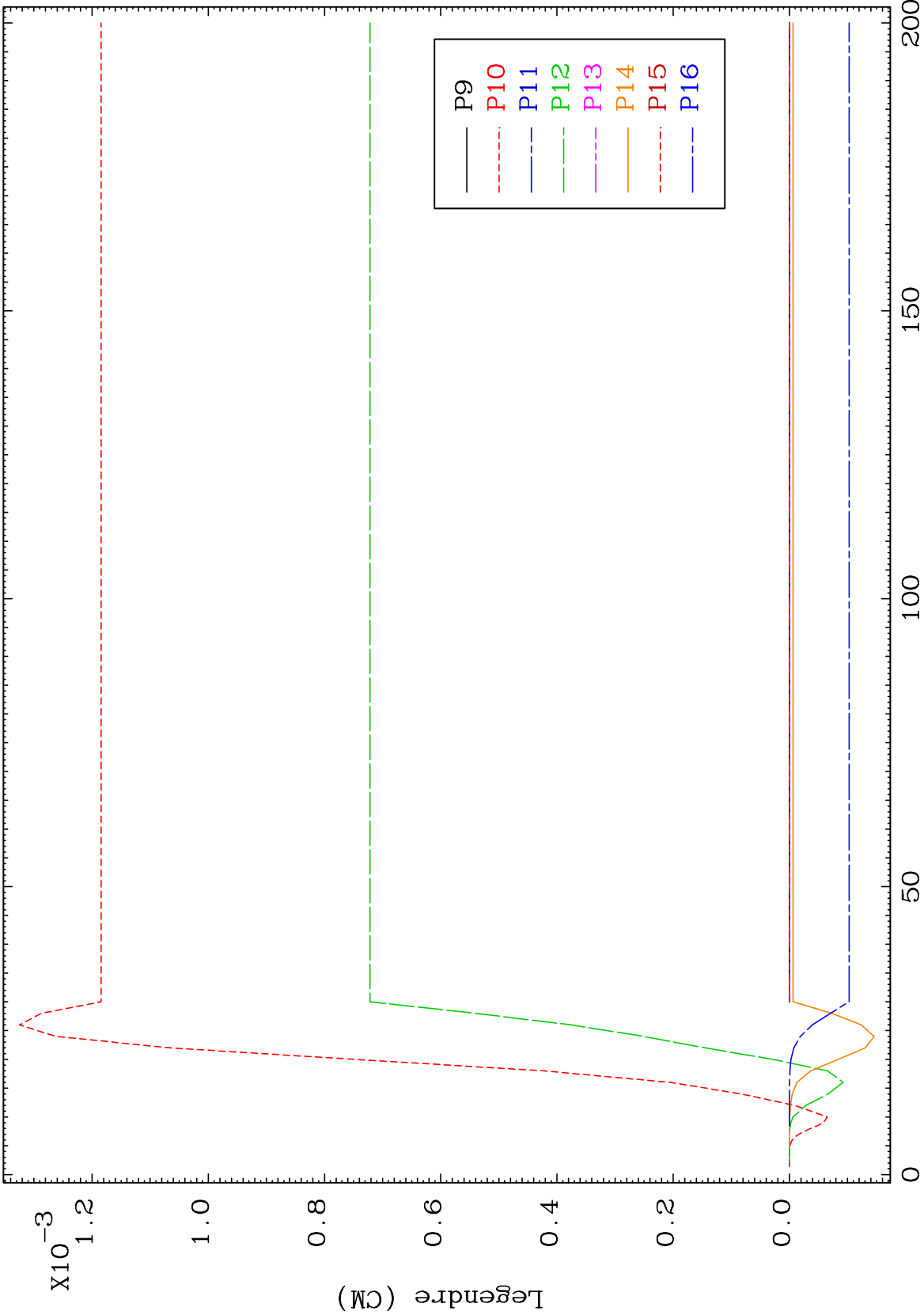
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

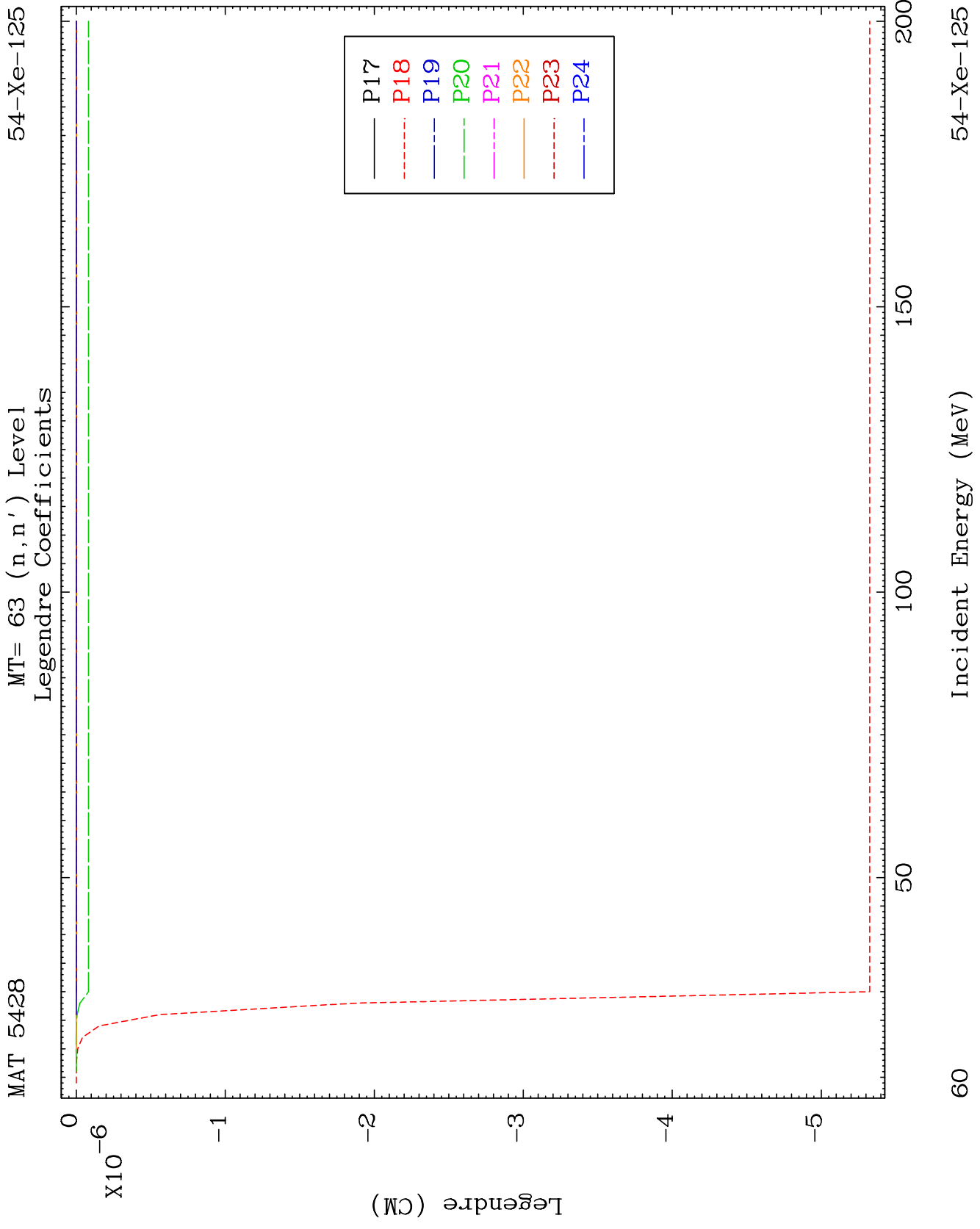
54-Xe-125



59

Incident Energy (MeV)

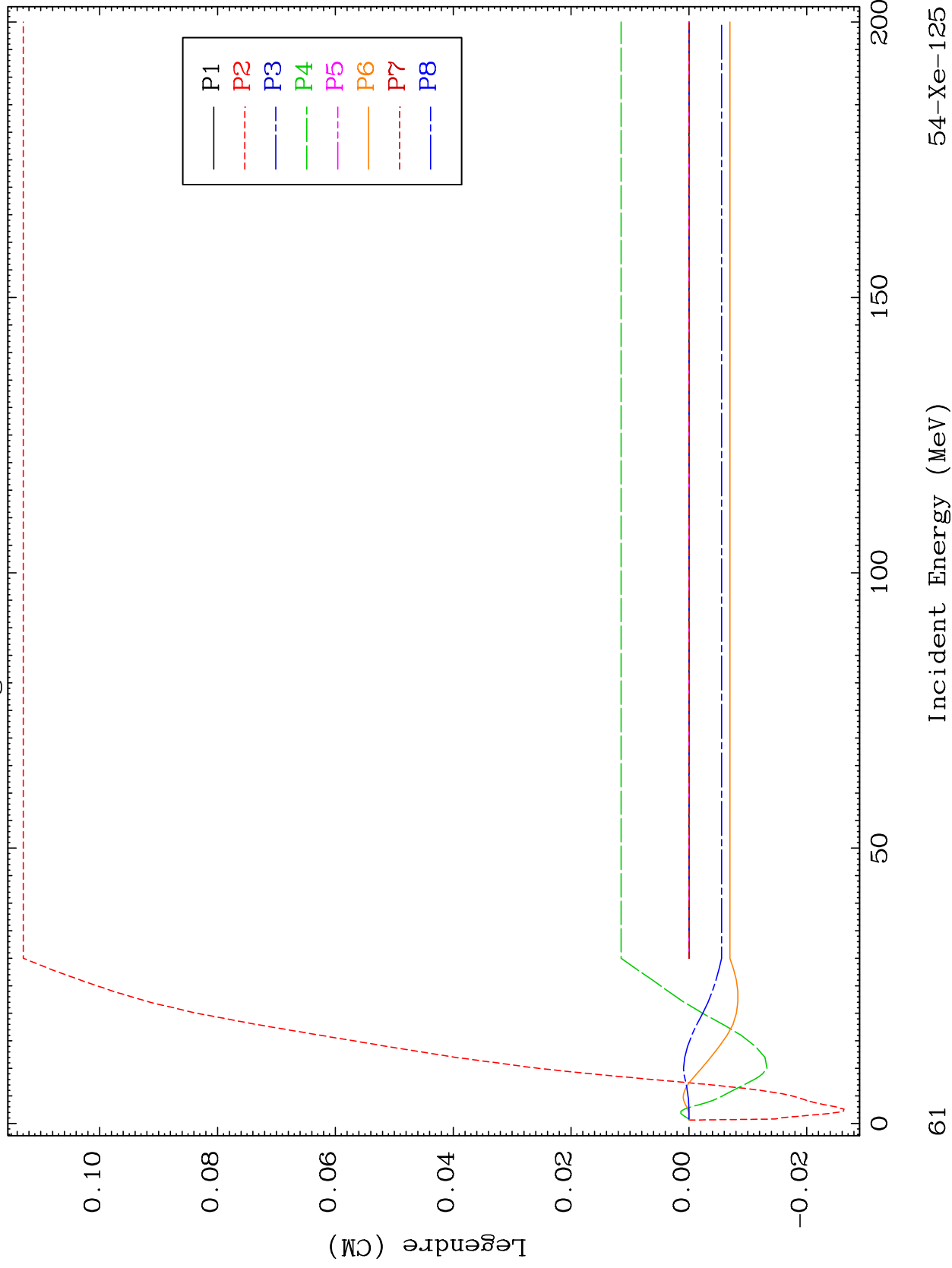
54-Xe-125



MAT 5428

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

54-Xe-125



54-Xe-125

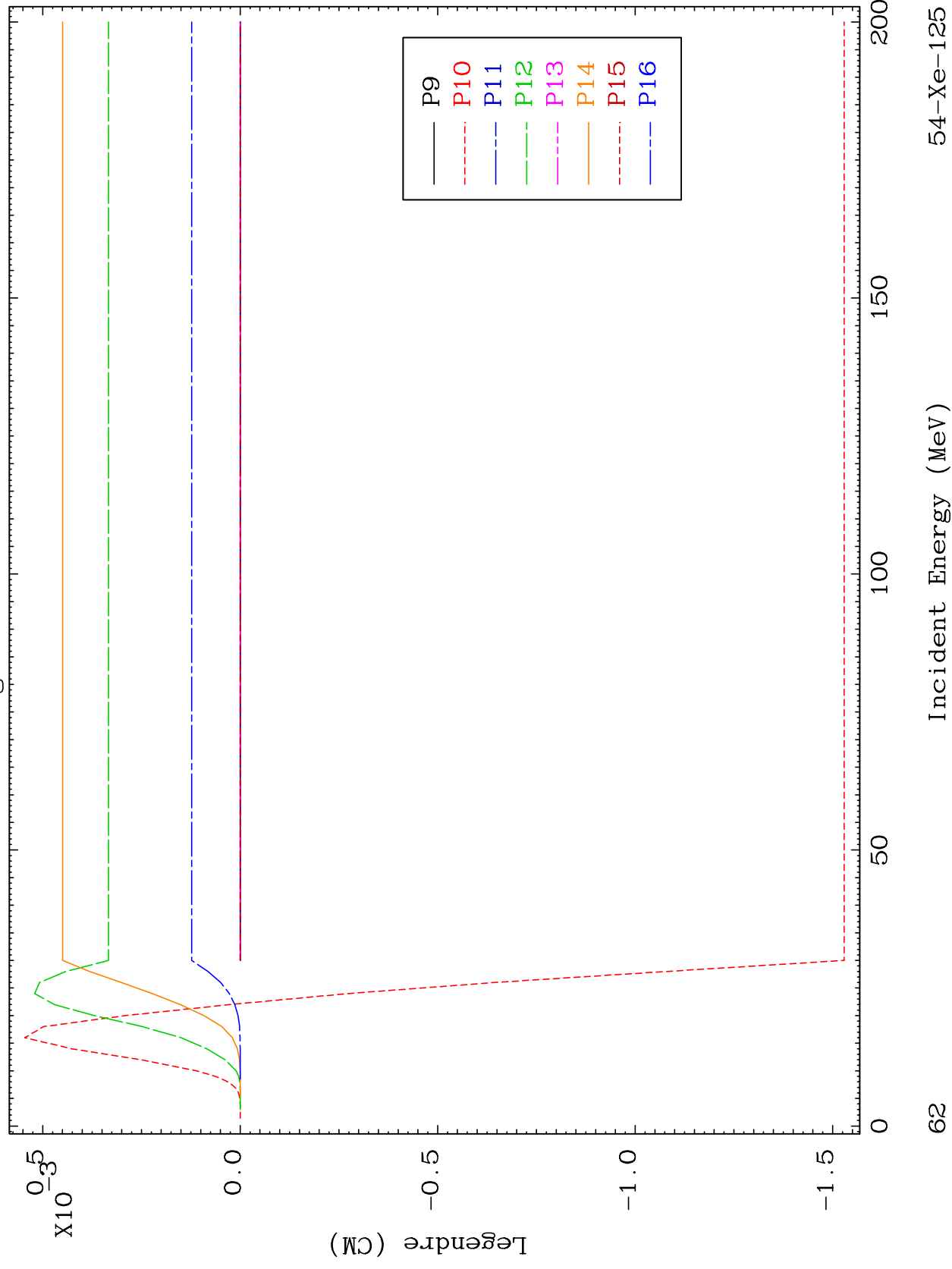
Incident Energy (MeV)

61

MAT 5428

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

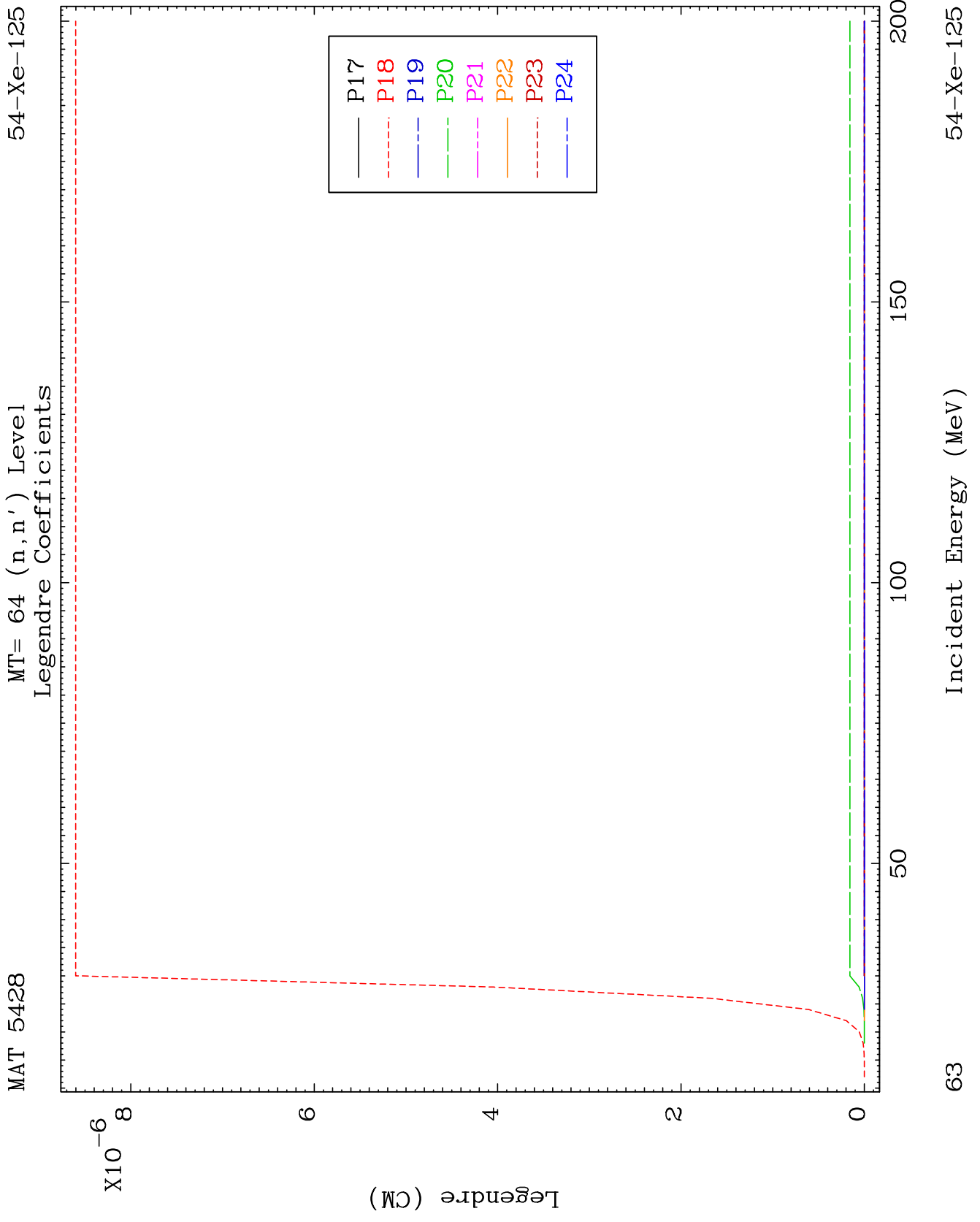
54-Xe-125

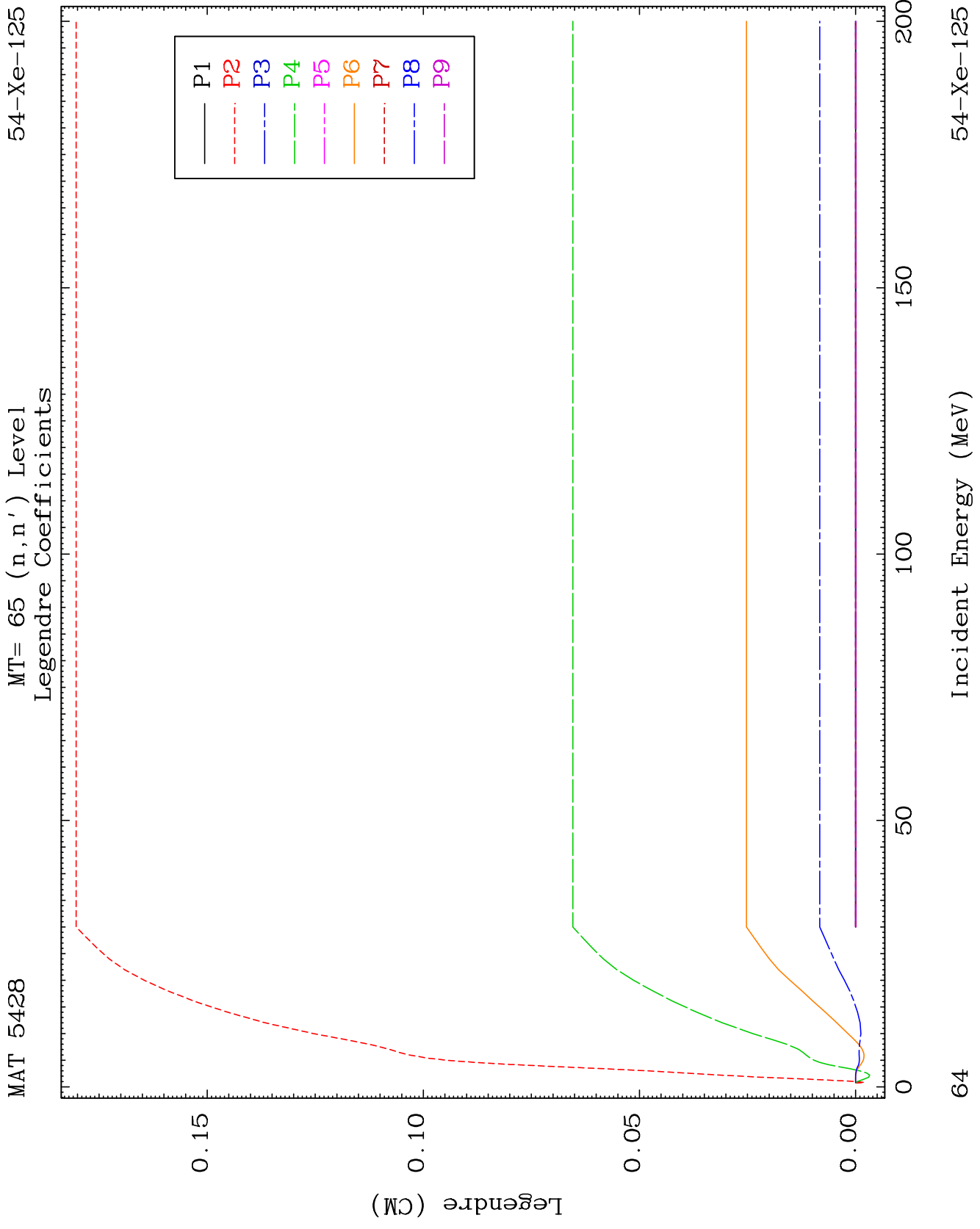


54-Xe-125

Incident Energy (MeV)

62

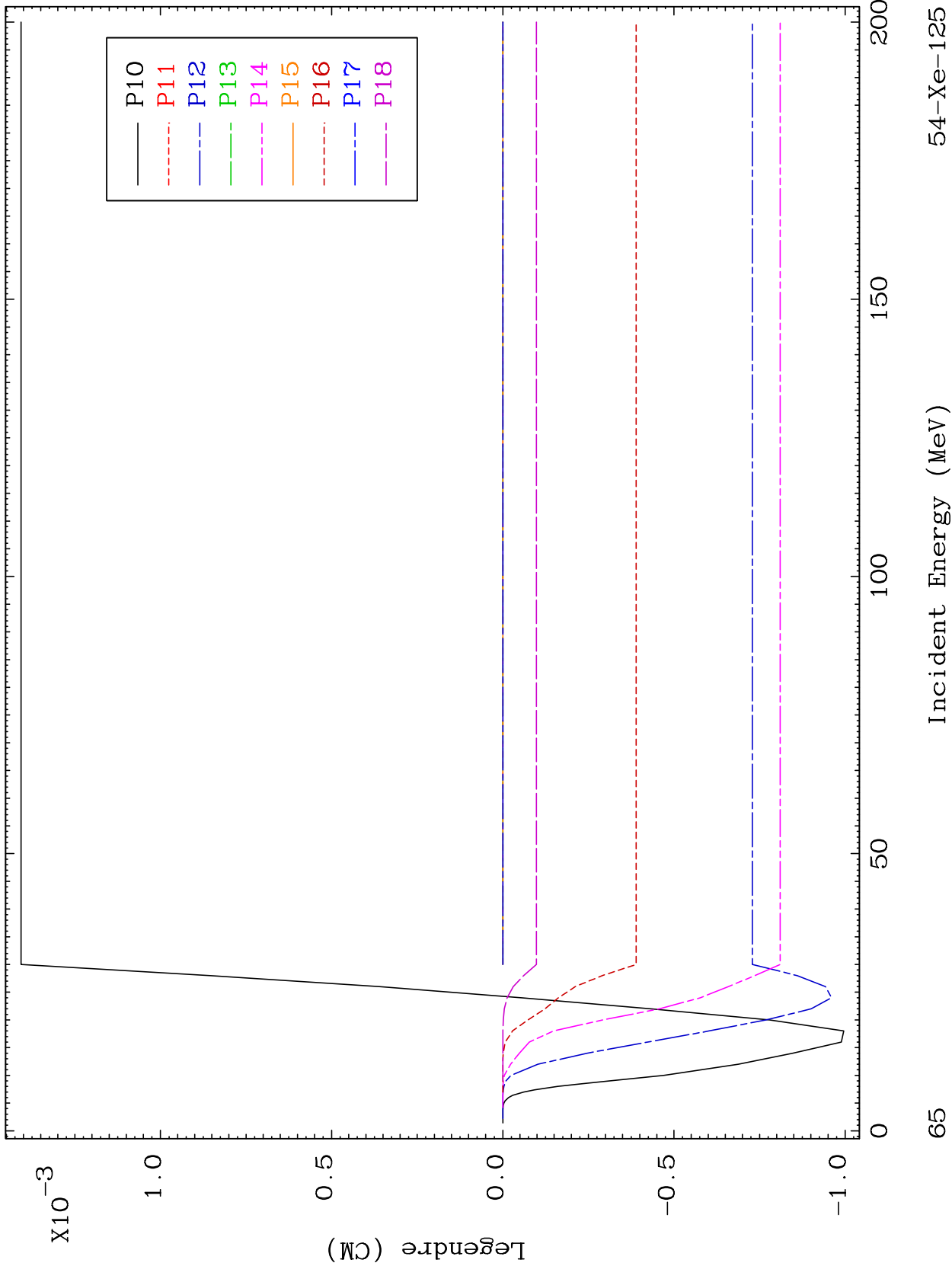




MAT 5428

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

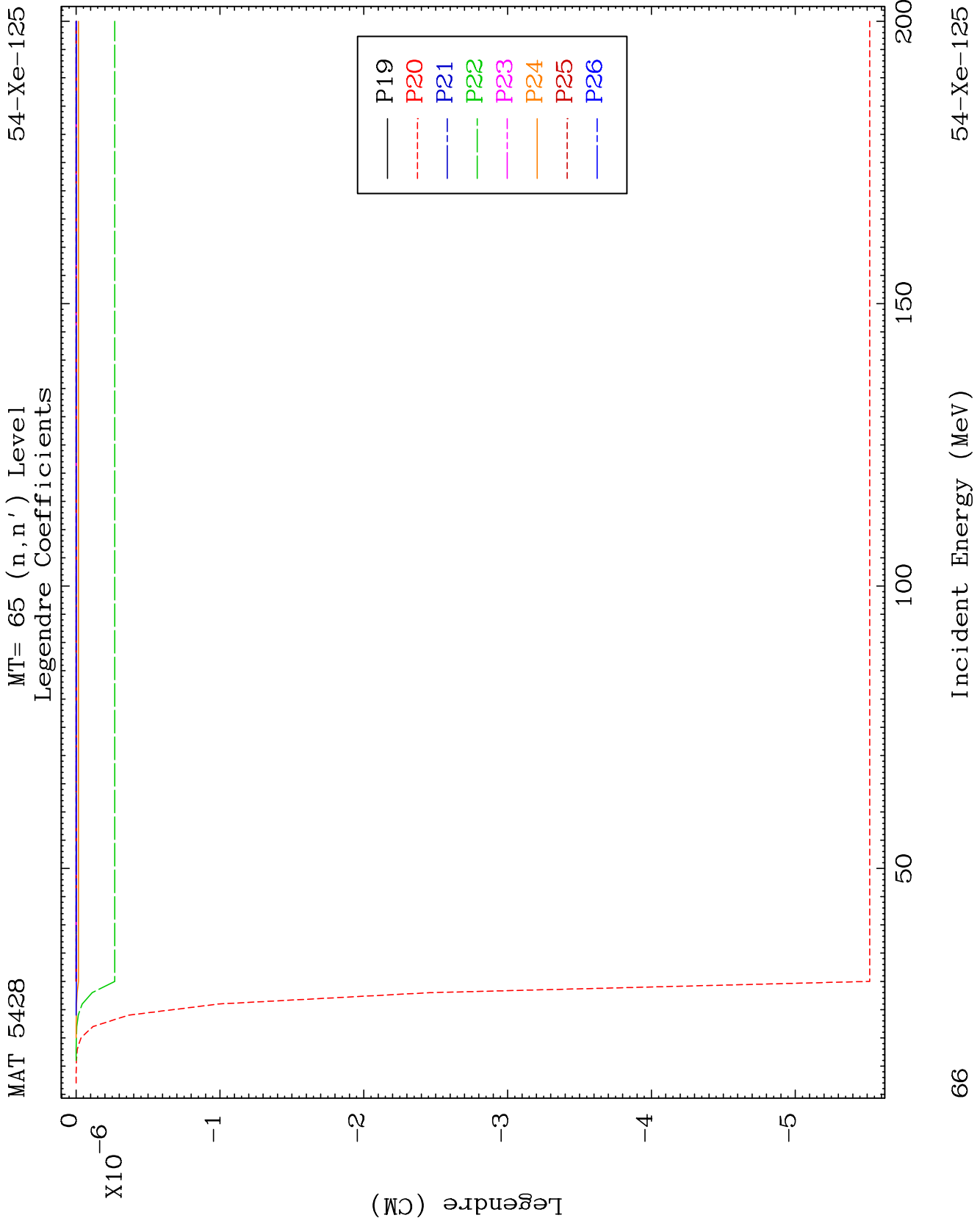
54-Xe-125



54-Xe-125

Incident Energy (MeV)

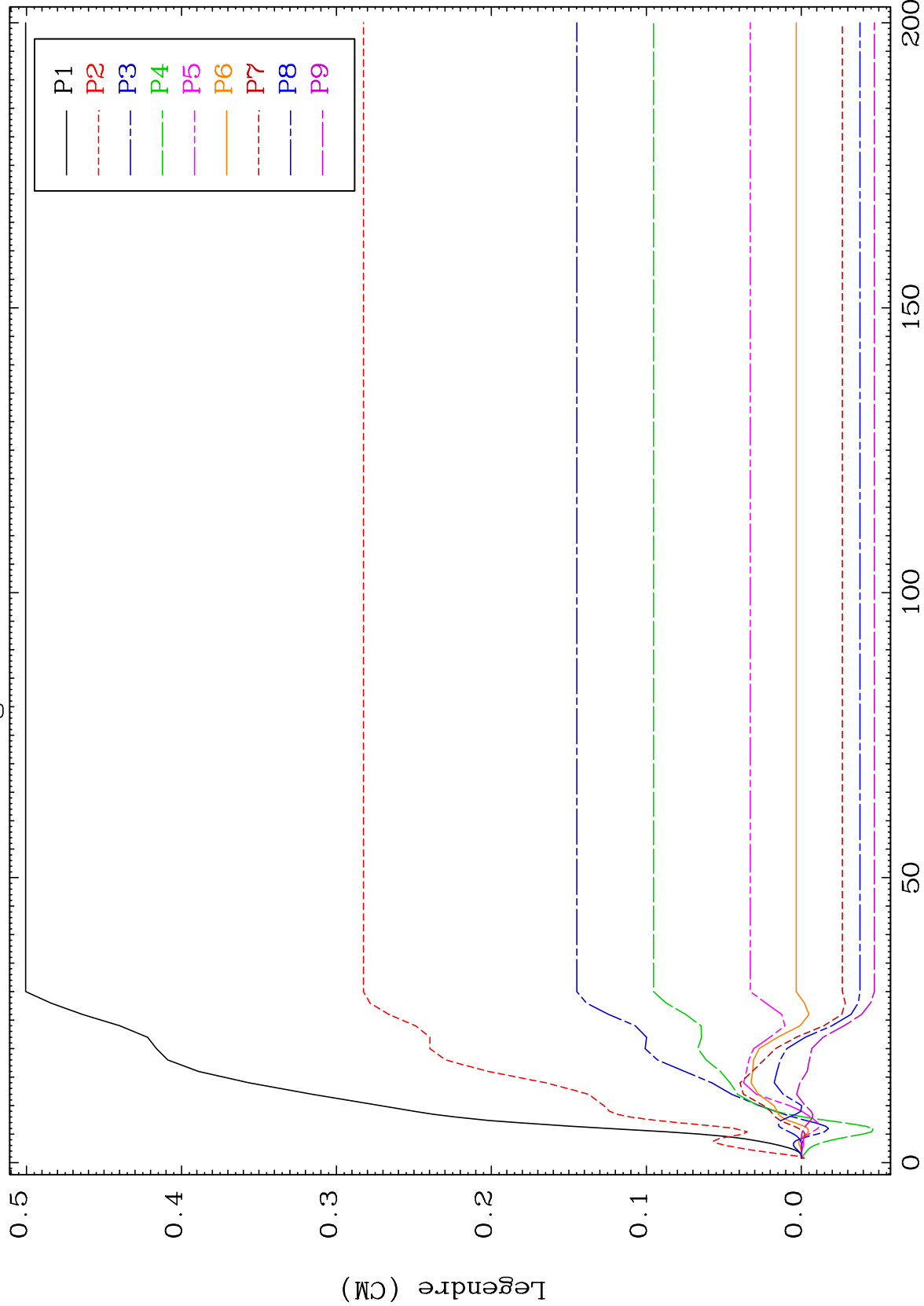
65



MAT 5428

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

54-Xe-125



54-Xe-125

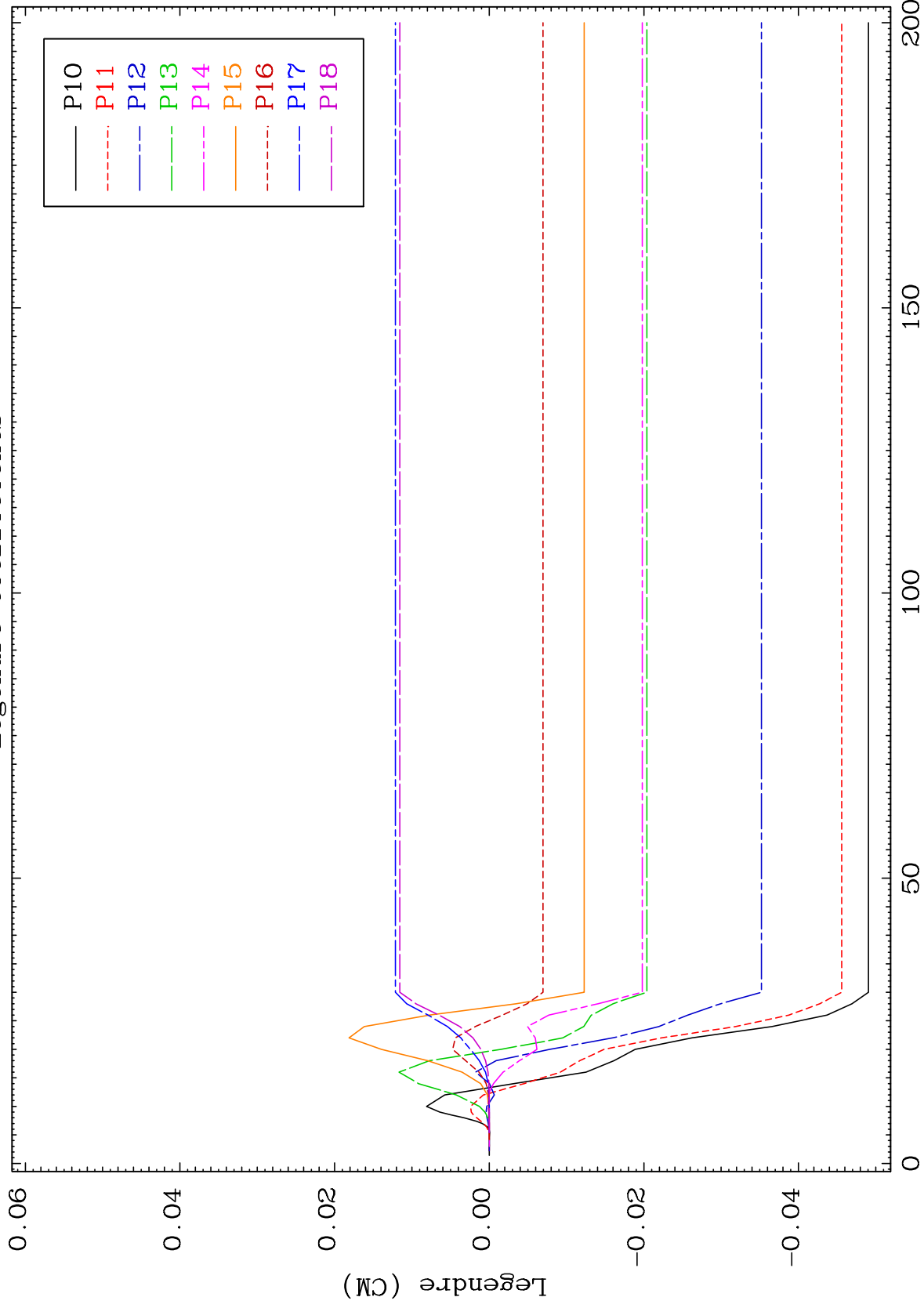
Incident Energy (MeV)

67

MAT 5428

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

54-Xe-125



68

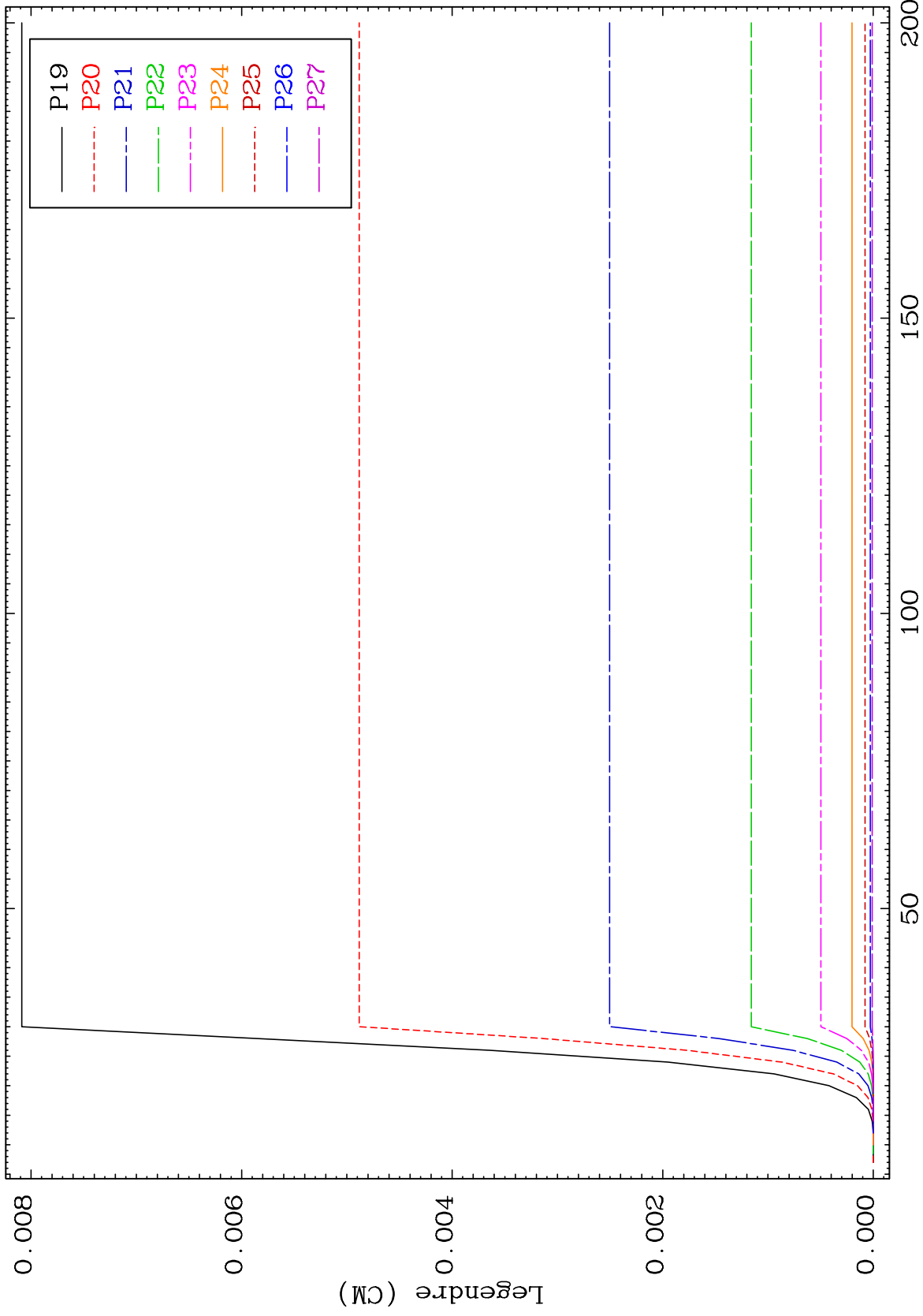
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



69

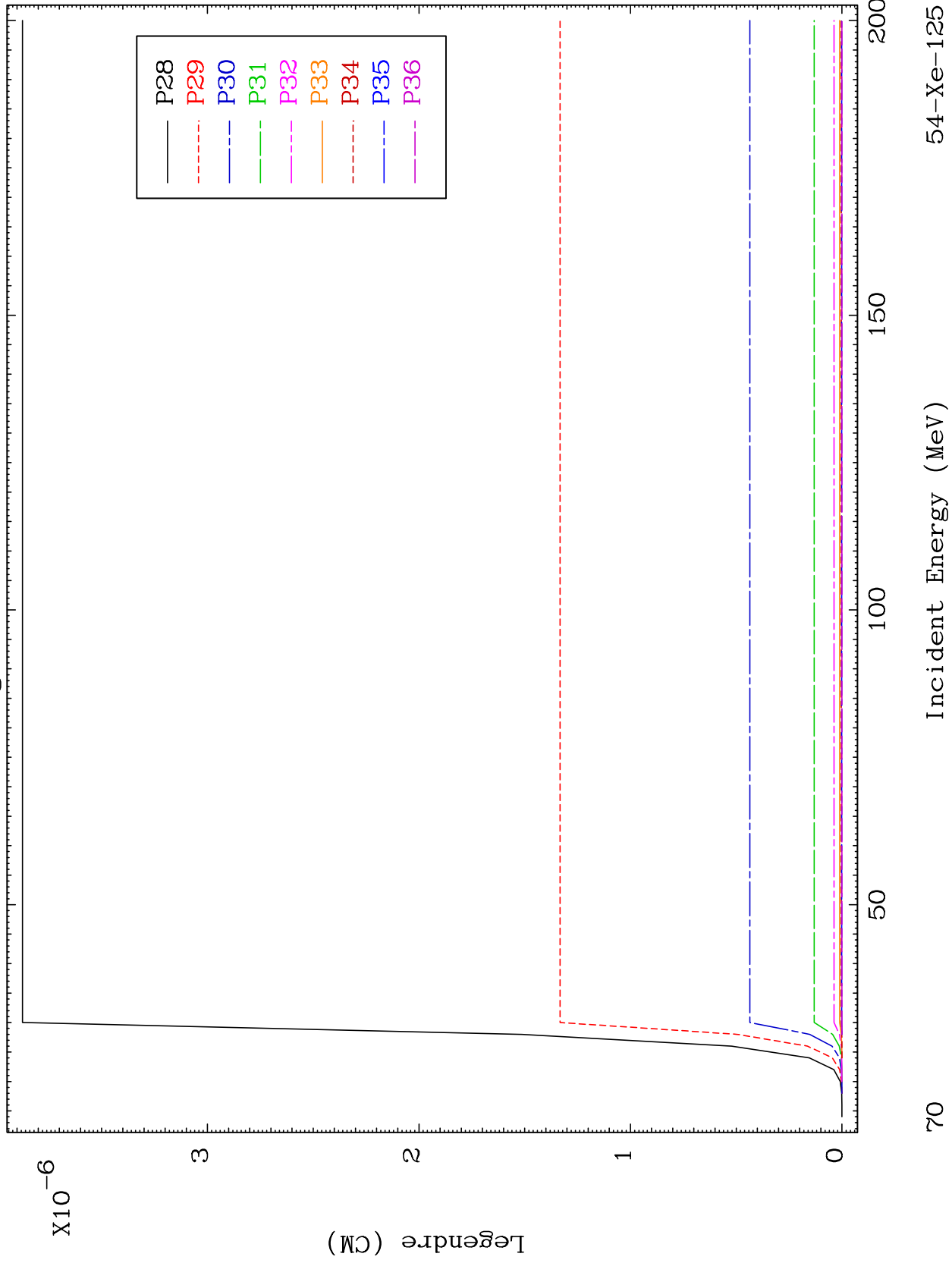
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

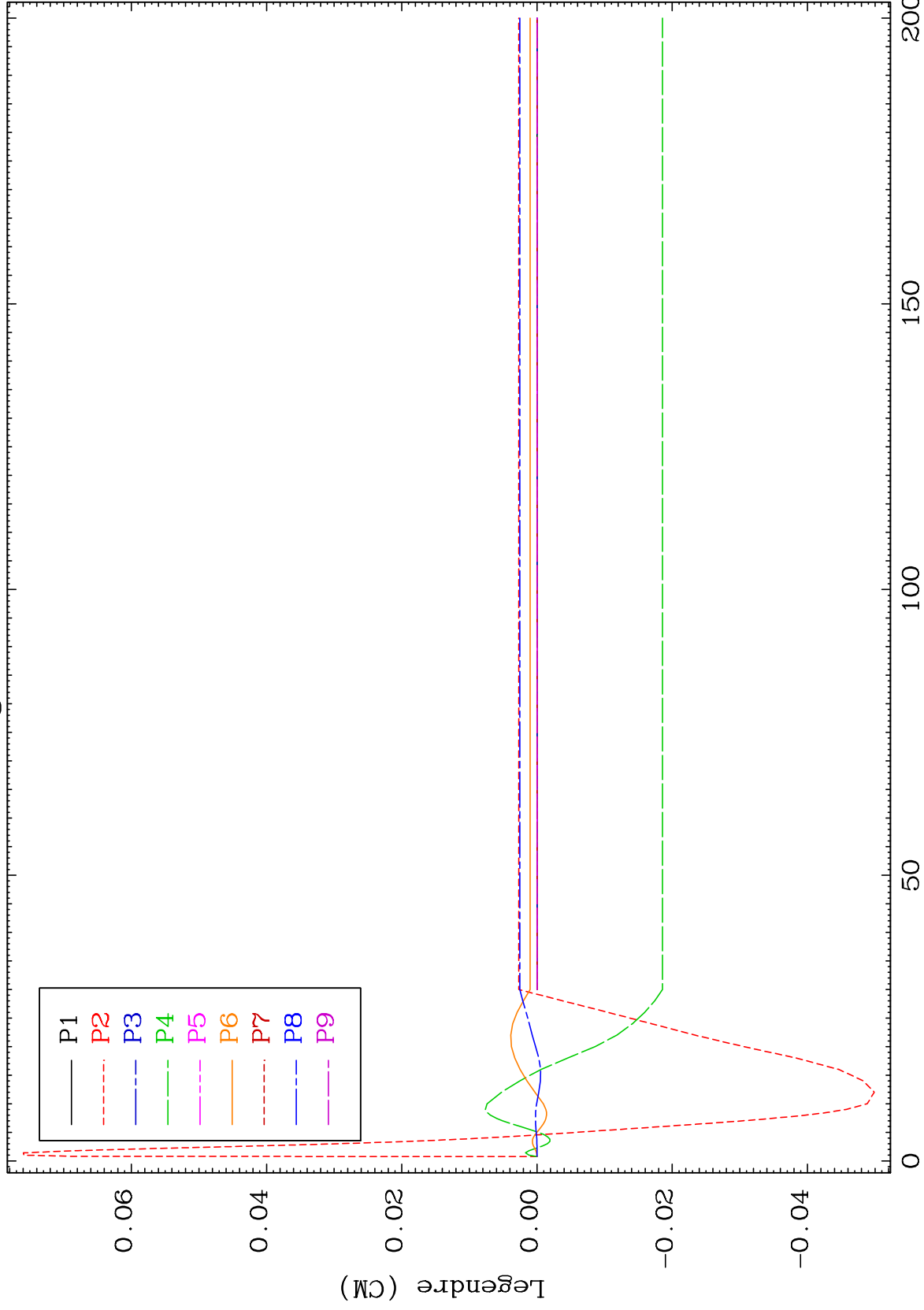
54-Xe-125



MAT 5428

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

54-Xe-125



71

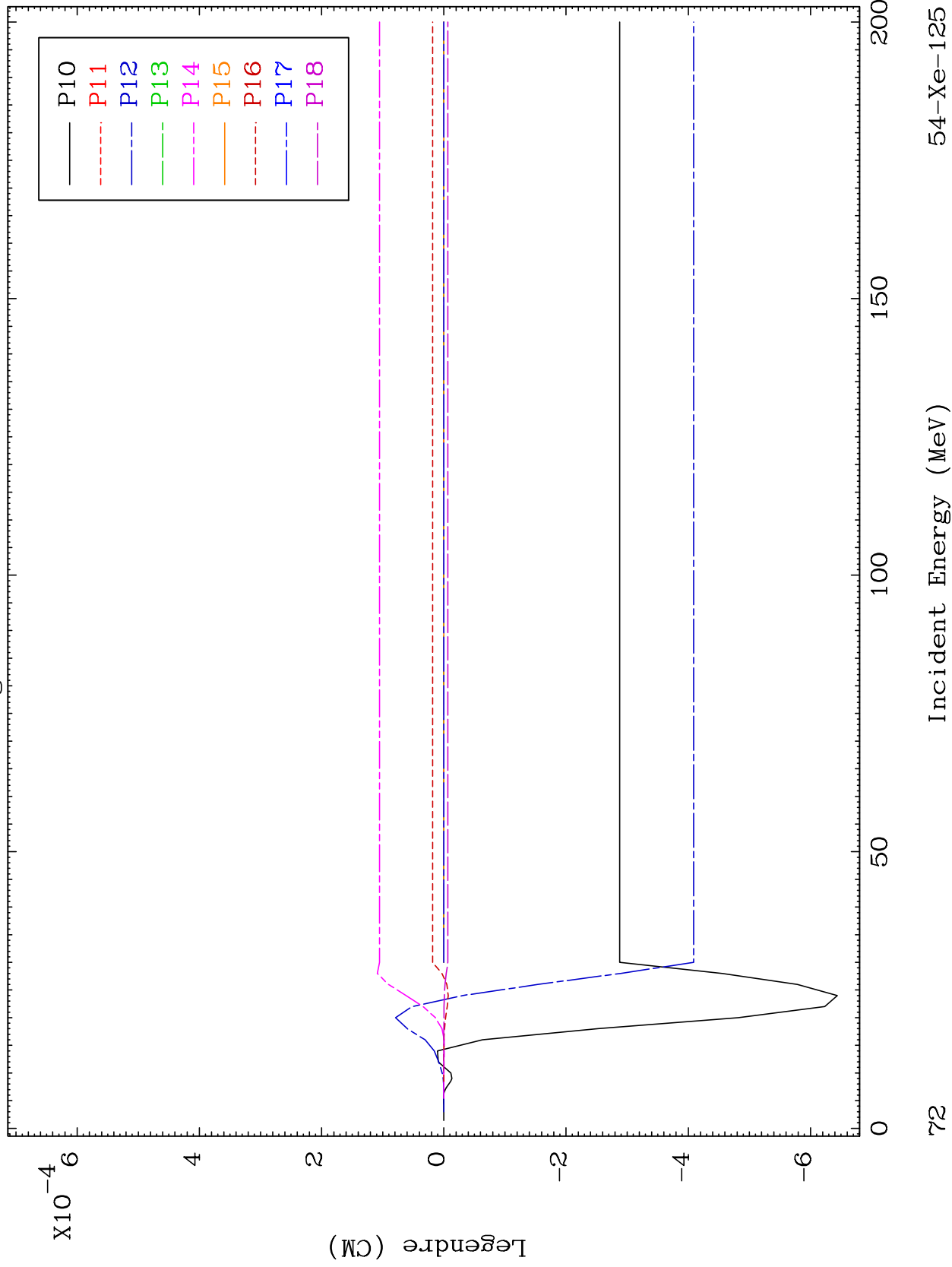
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

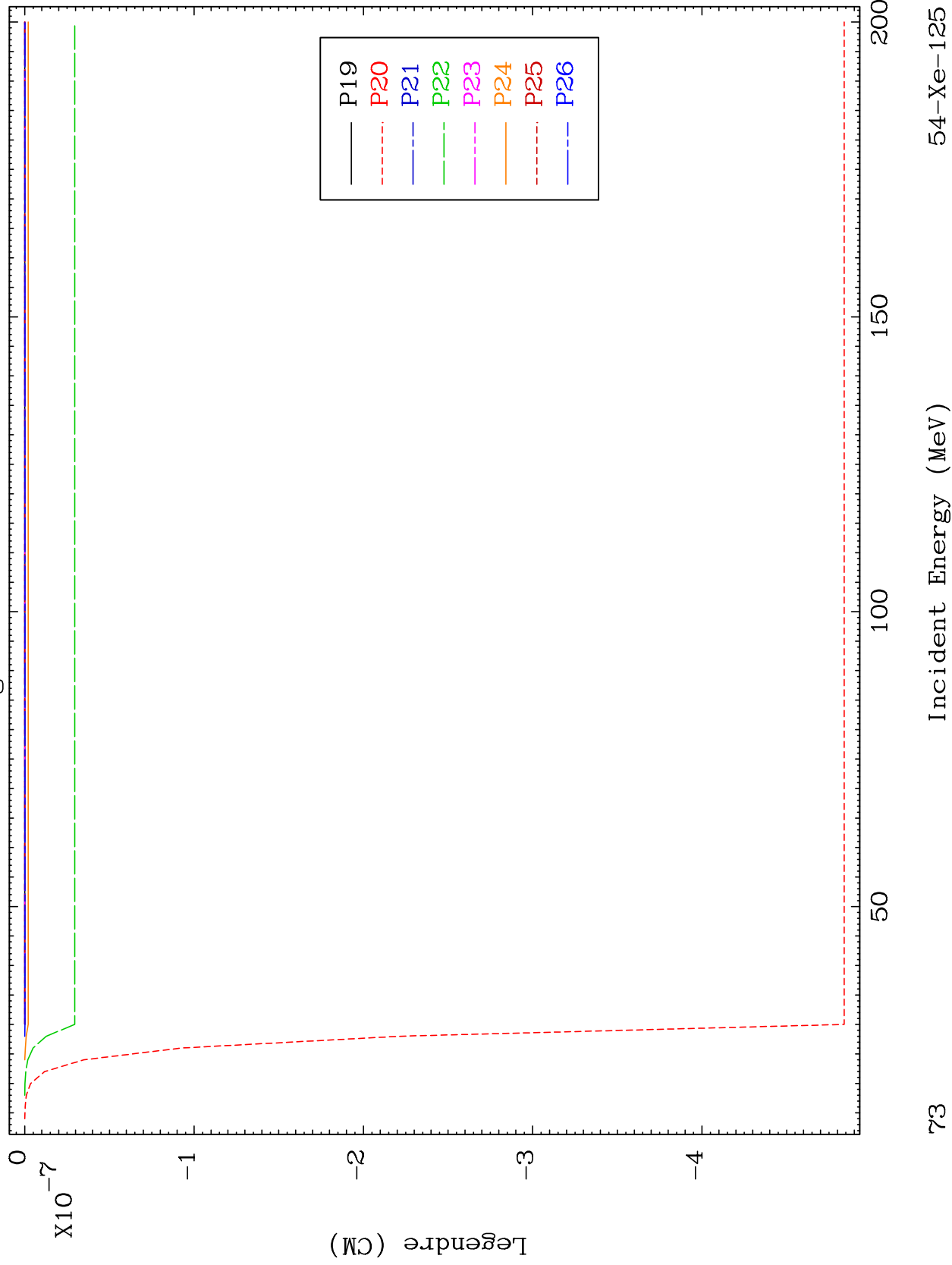
54-Xe-125



MAT 5428

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

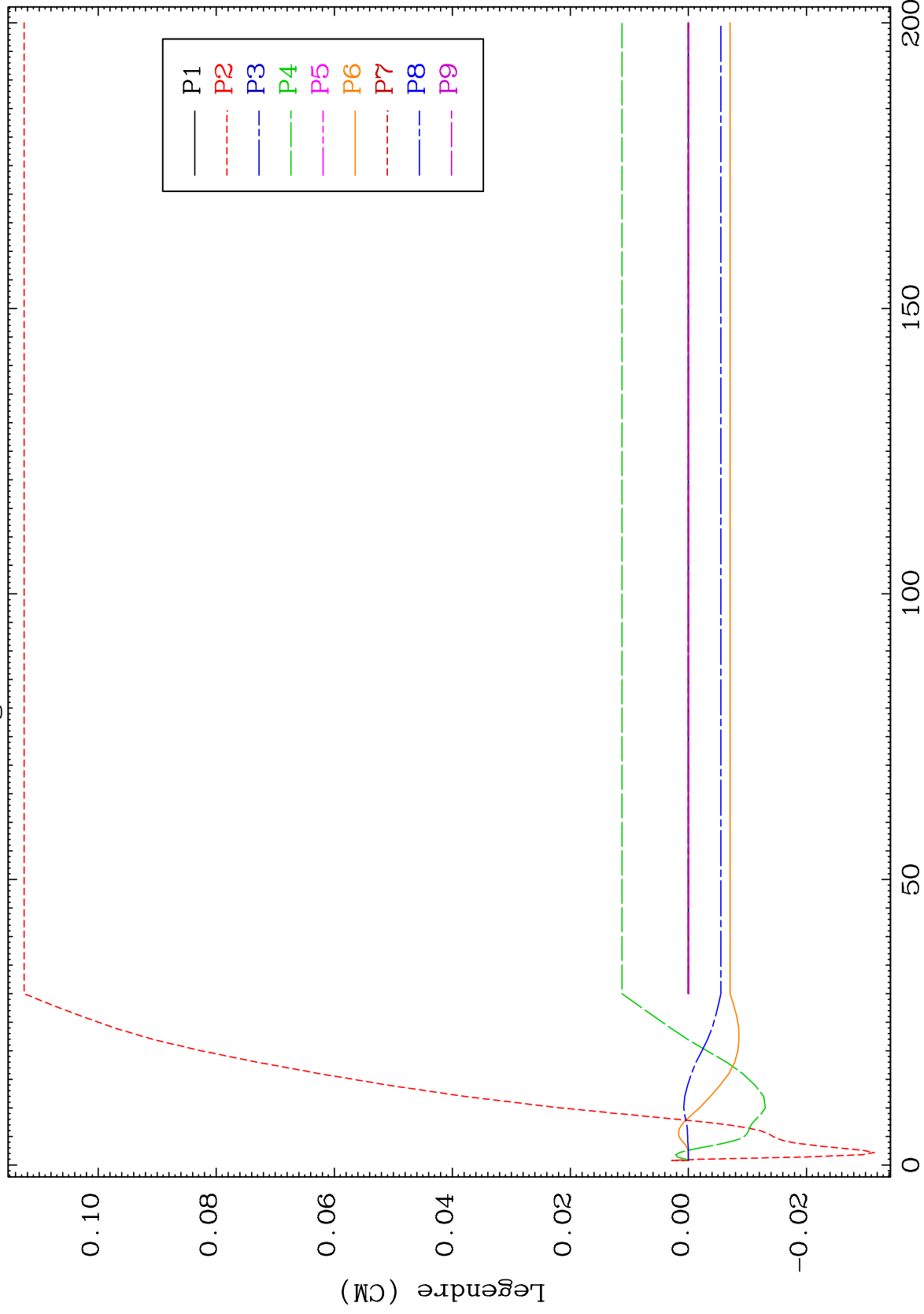
54-Xe-125



MAT 5428

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

54-Xe-125



54-Xe-125

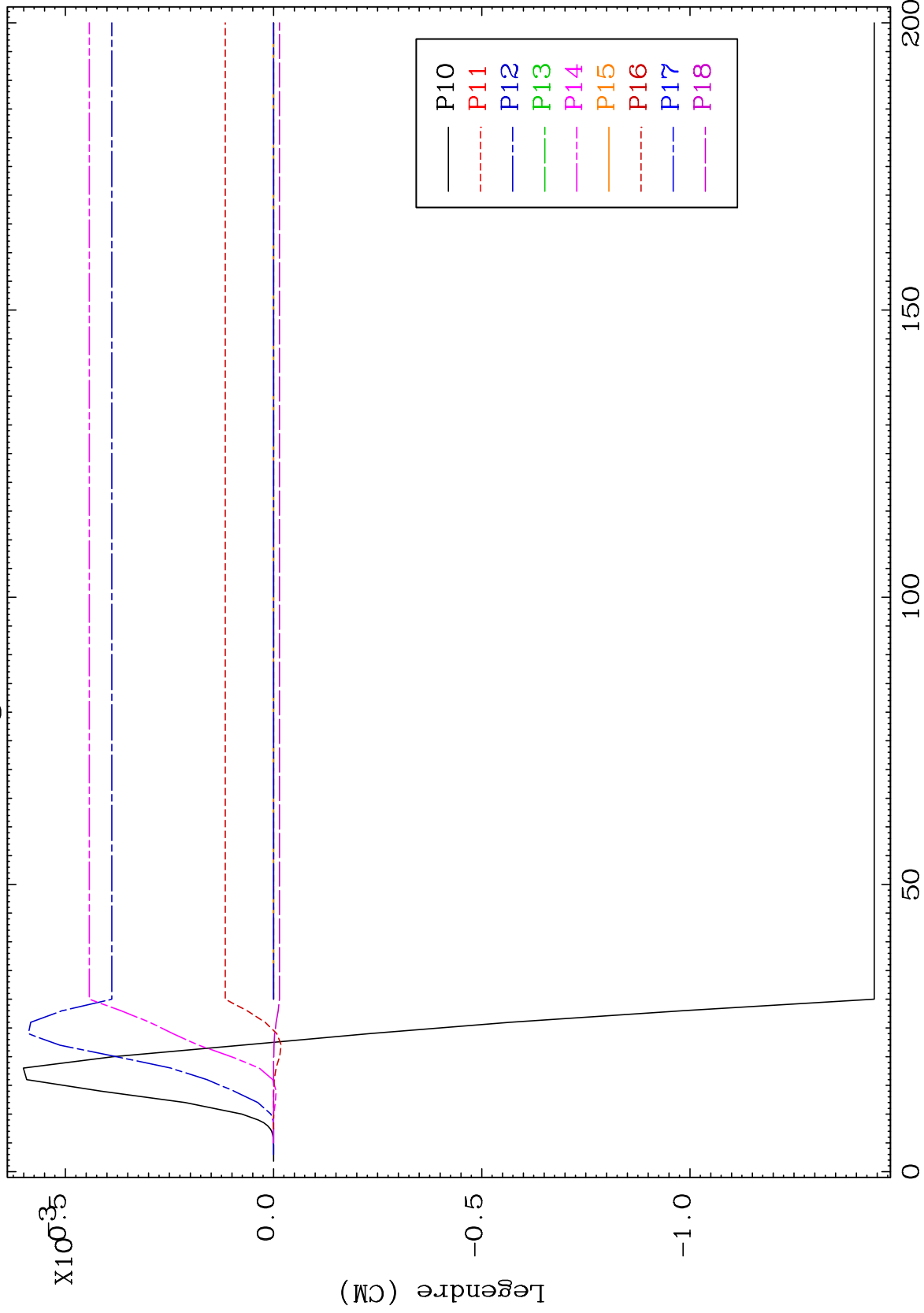
Incident Energy (MeV)

74

MAT 5428

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

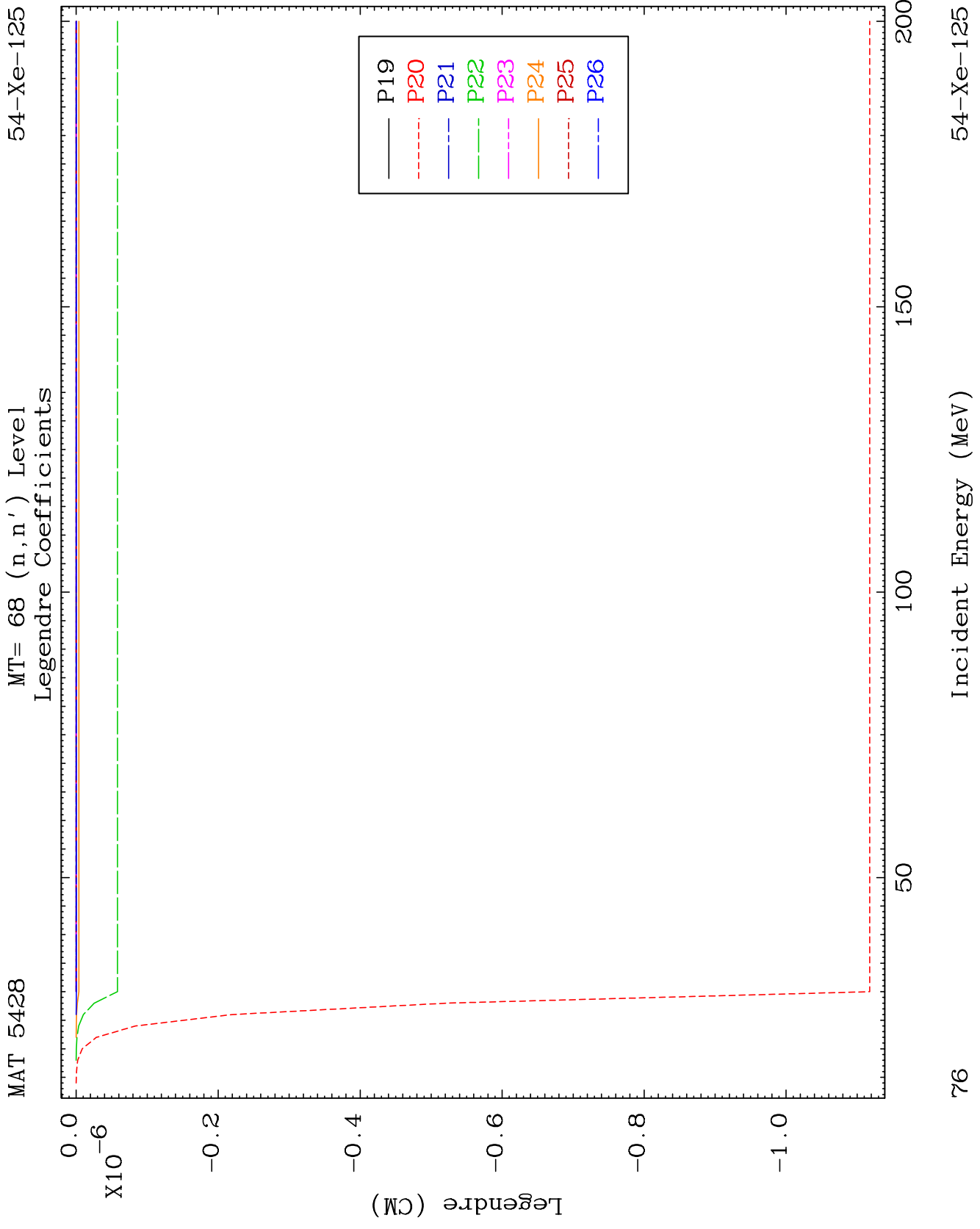
54-Xe-125



75

Incident Energy (MeV)

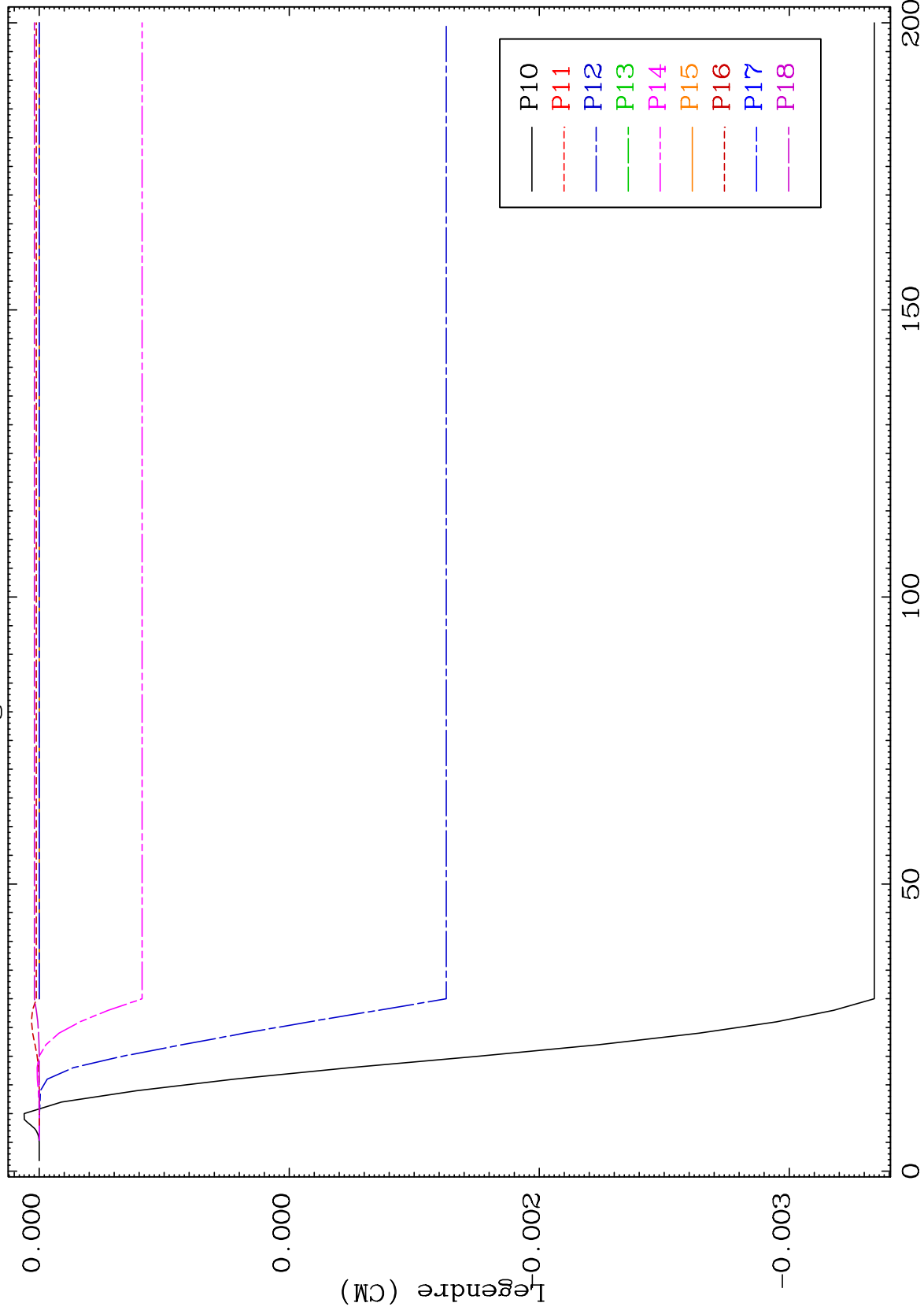
54-Xe-125



MAT 5428

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

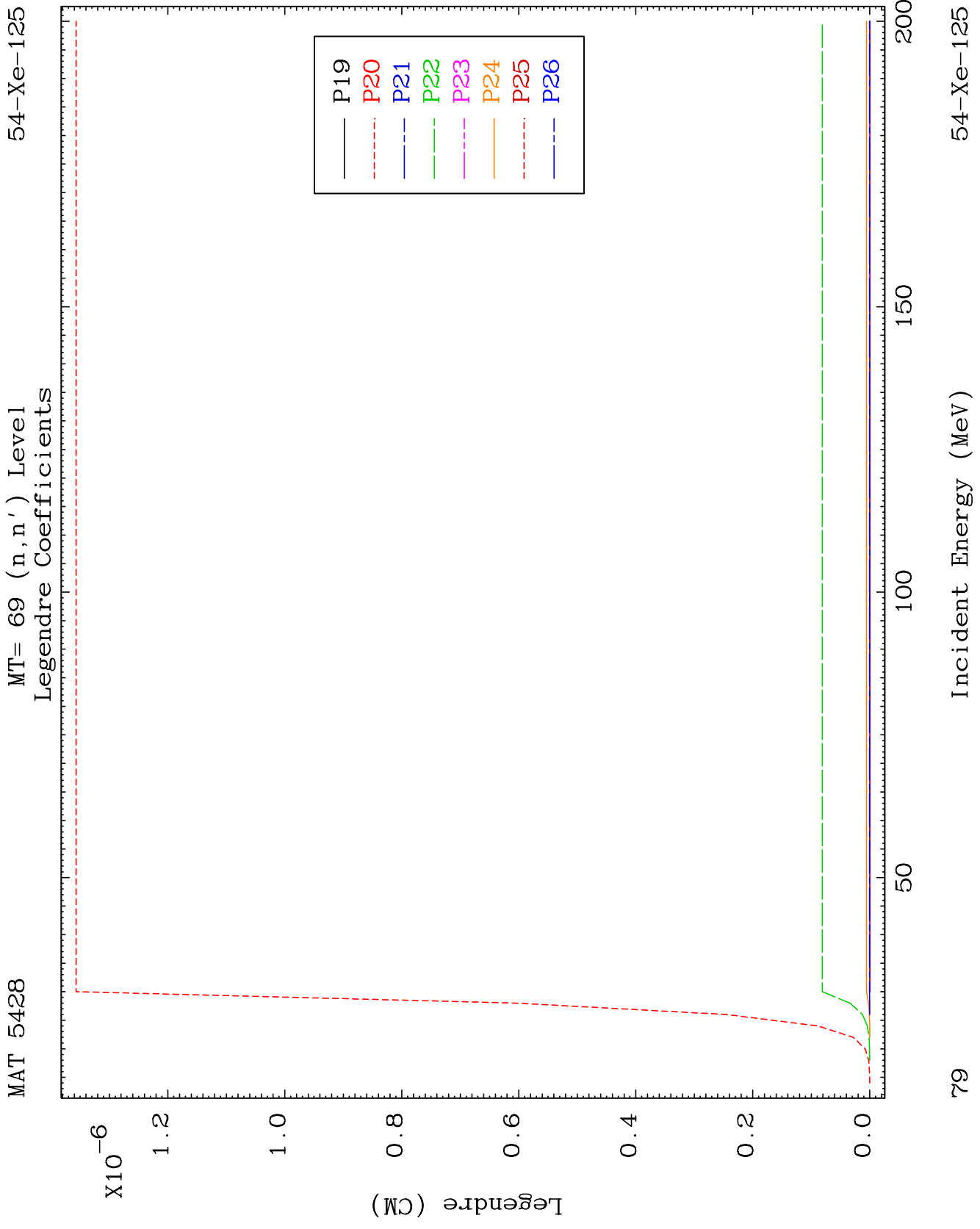
54-Xe-125

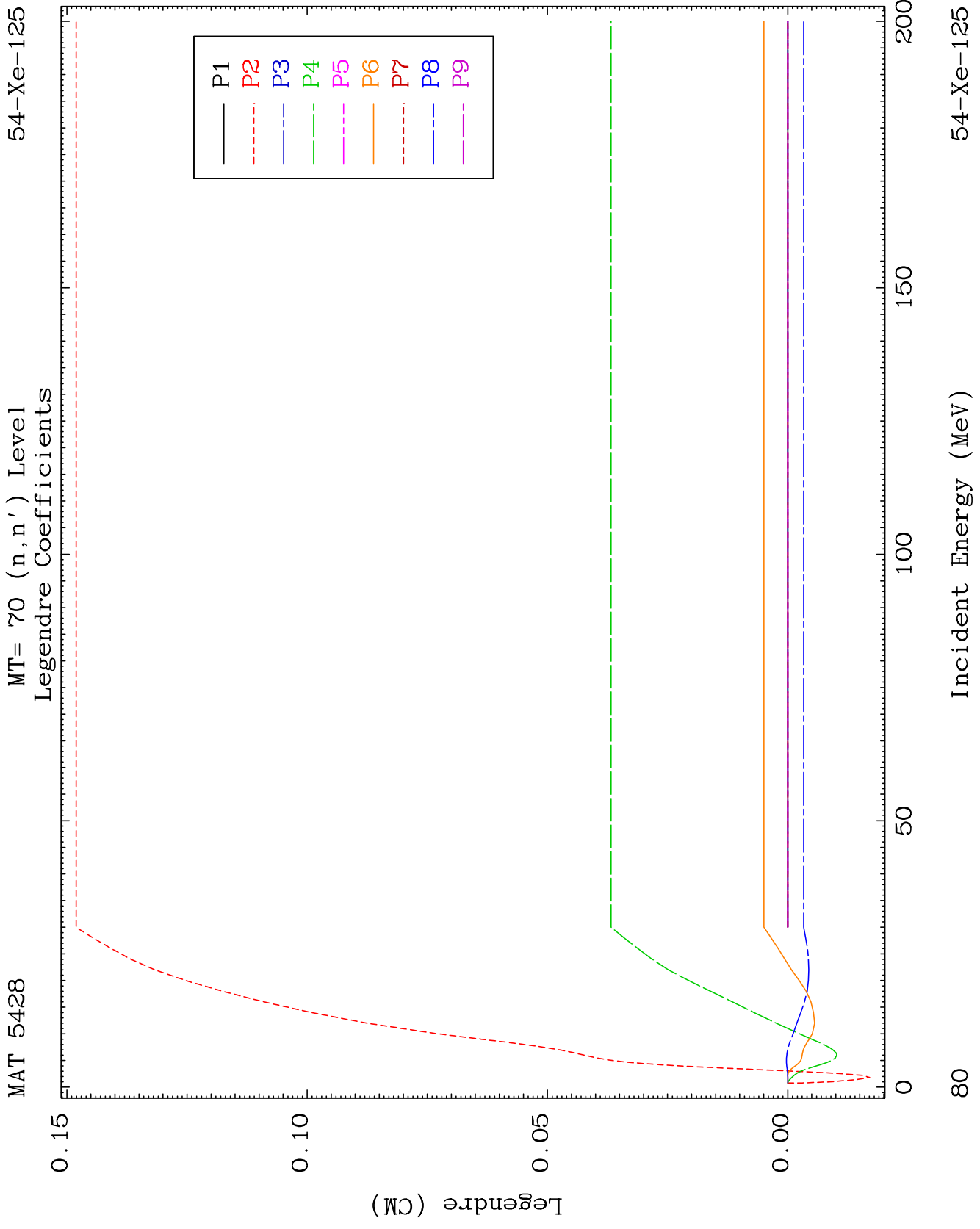


78

Incident Energy (MeV)

54-Xe-125

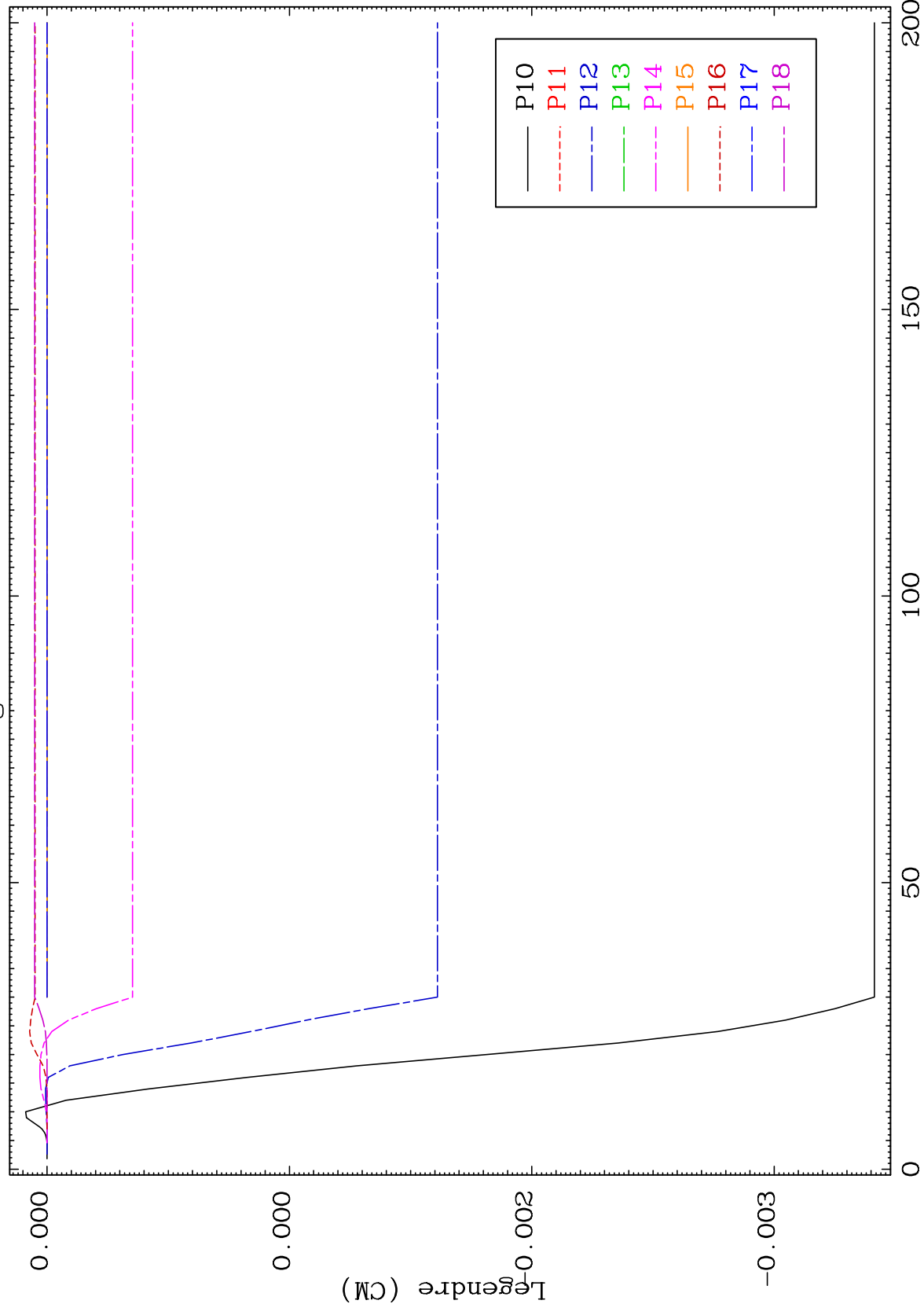




MAT 5428

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

54-Xe-125



81

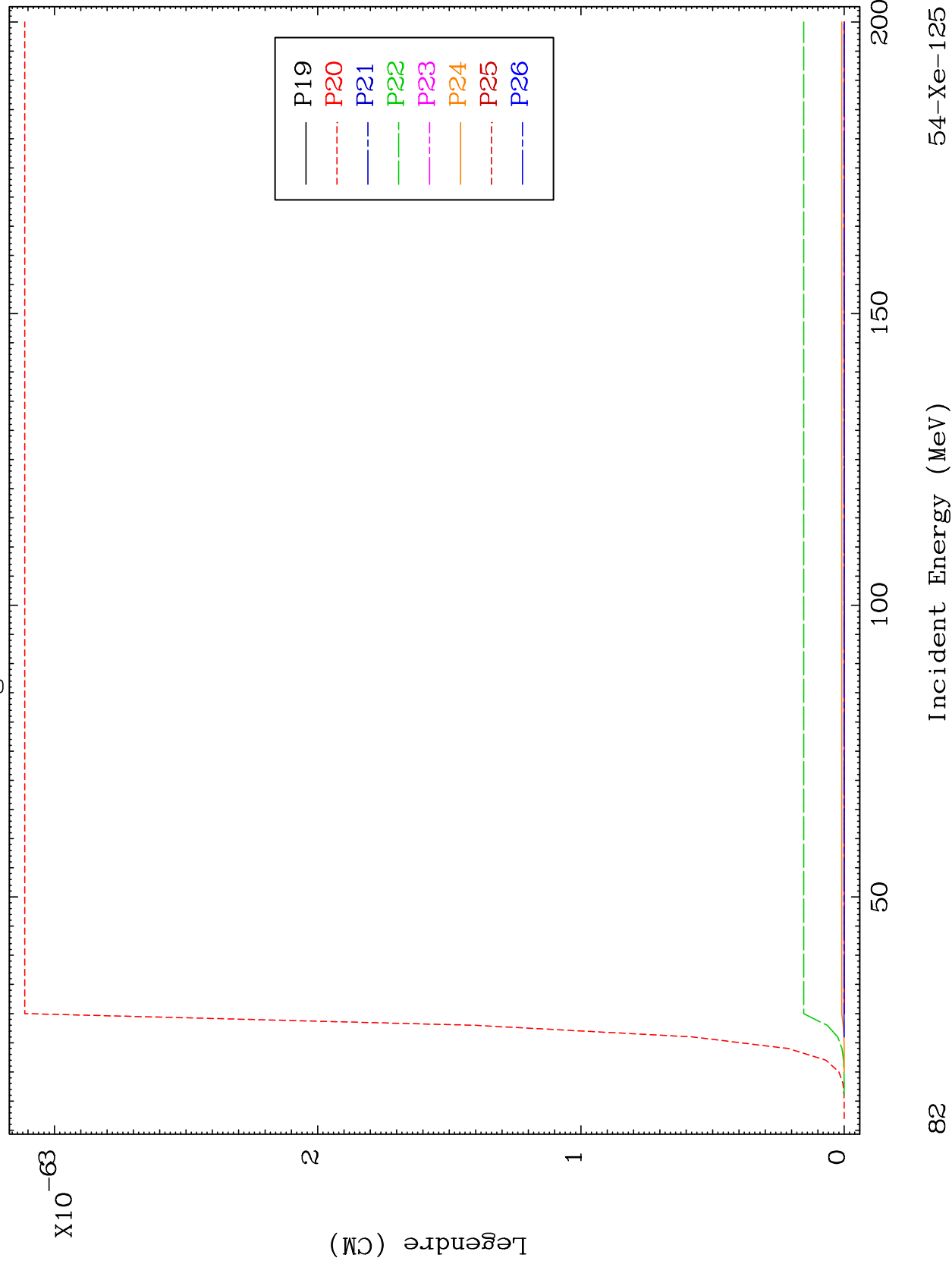
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

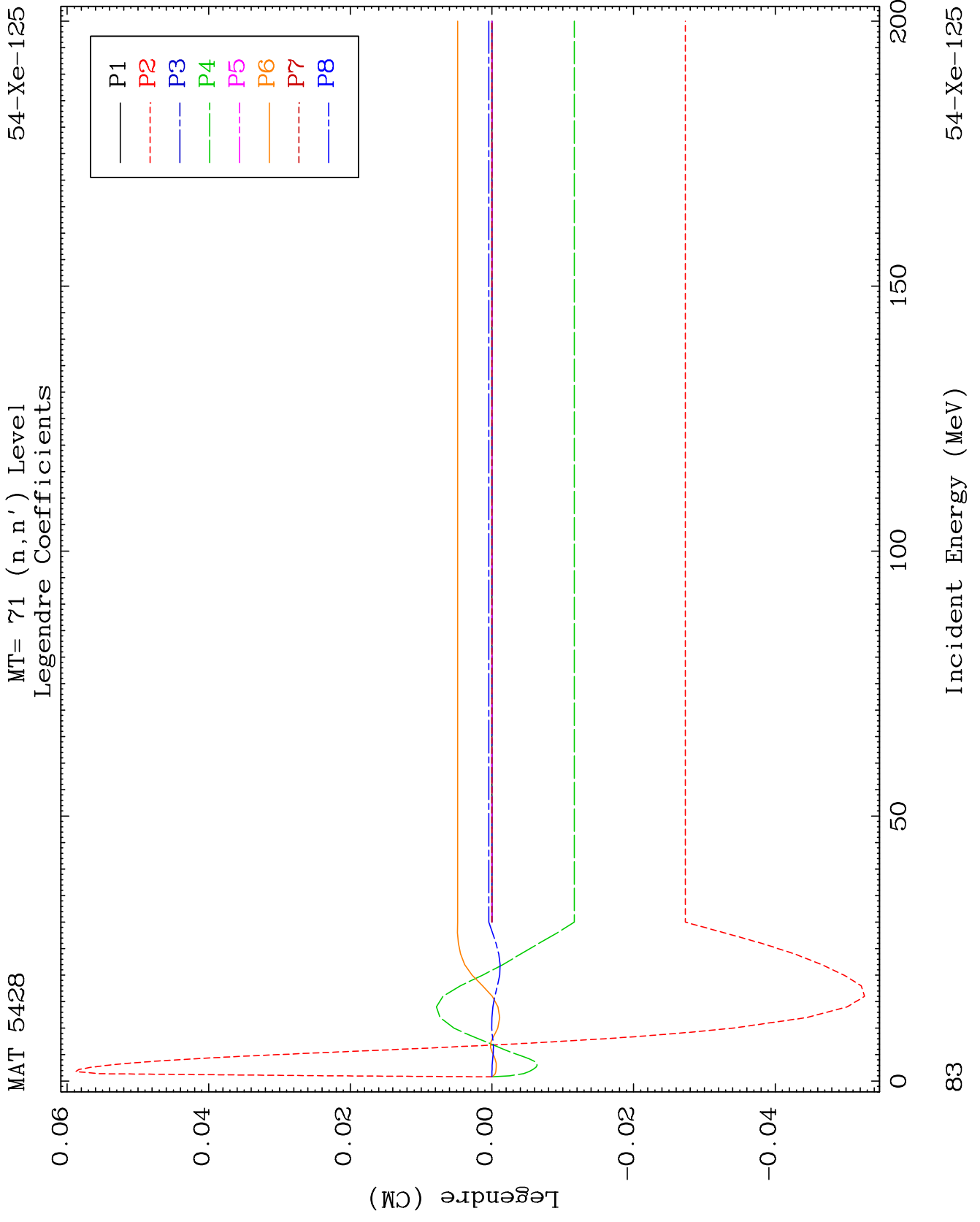
54-Xe-125



82

Incident Energy (MeV)

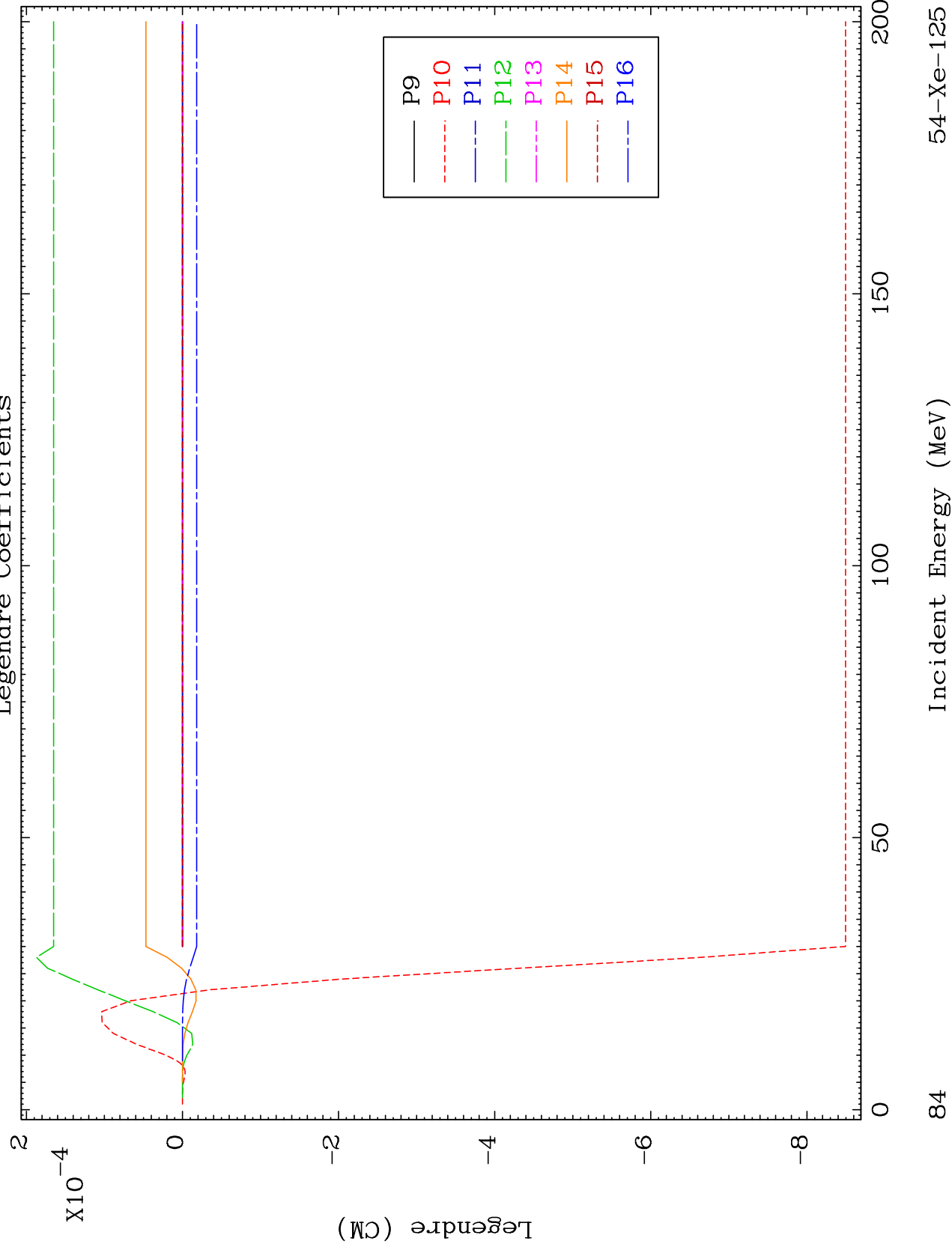
54-Xe-125



MAT 5428

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

54-Xe-125



84

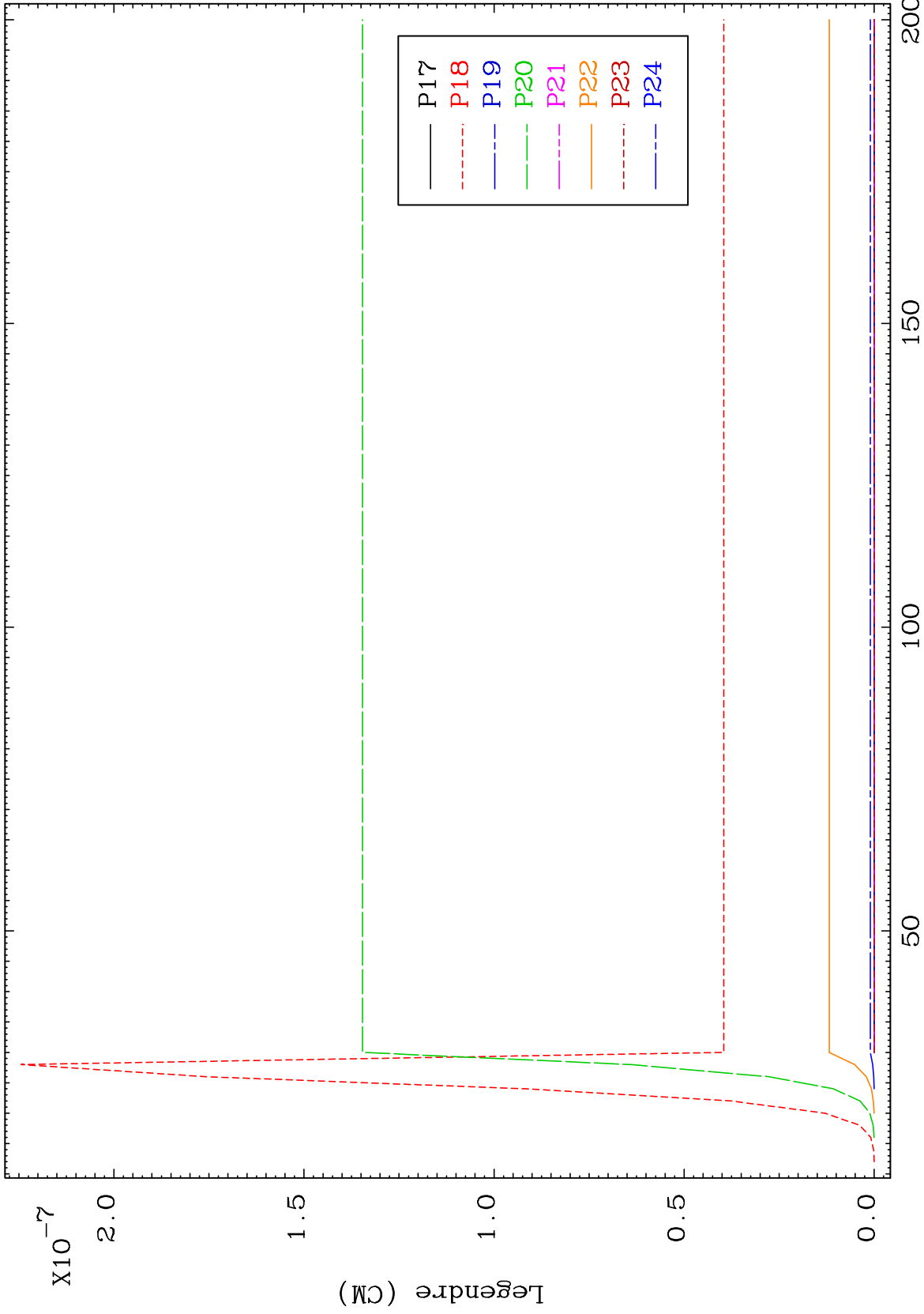
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



85

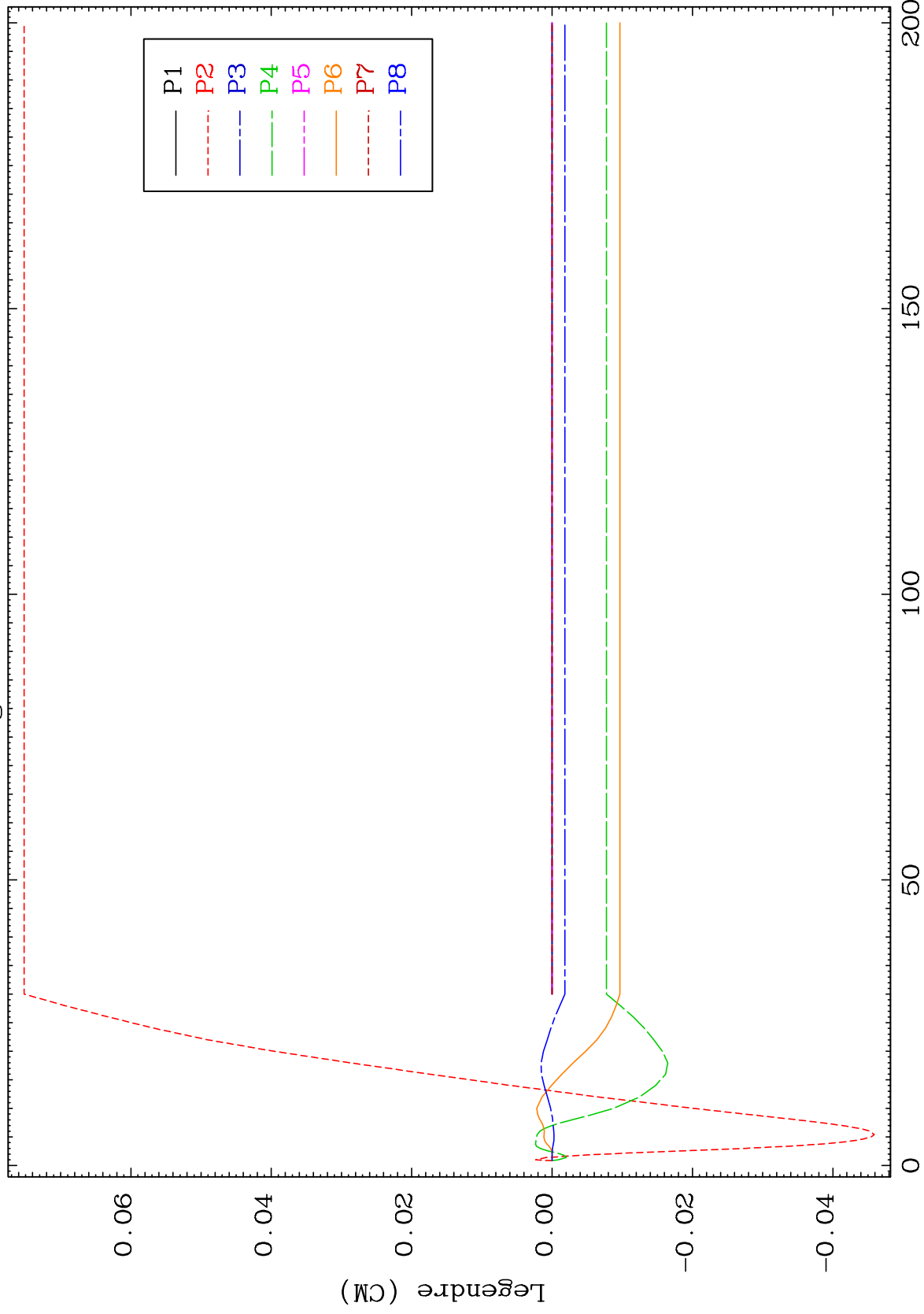
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



86

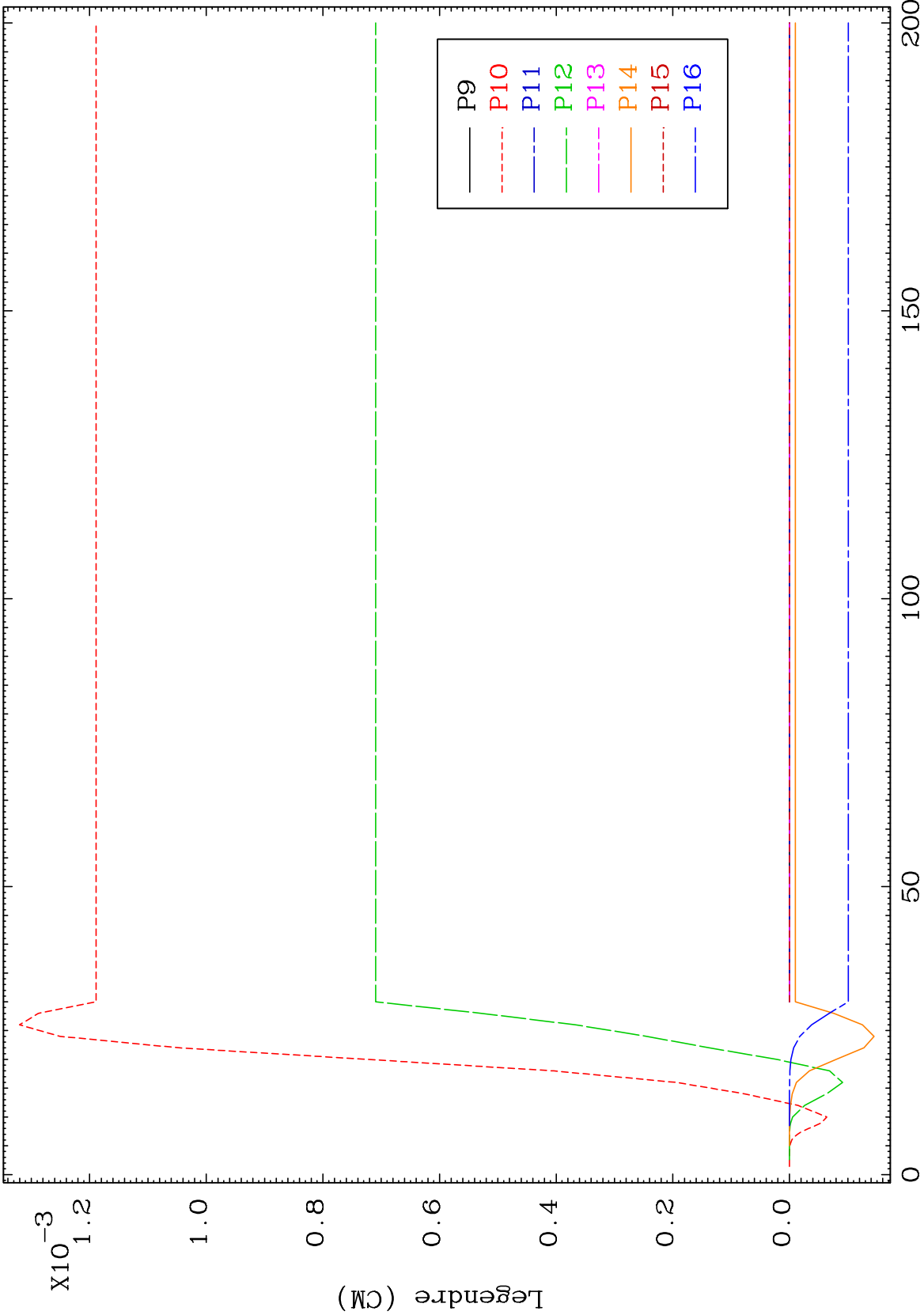
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



87

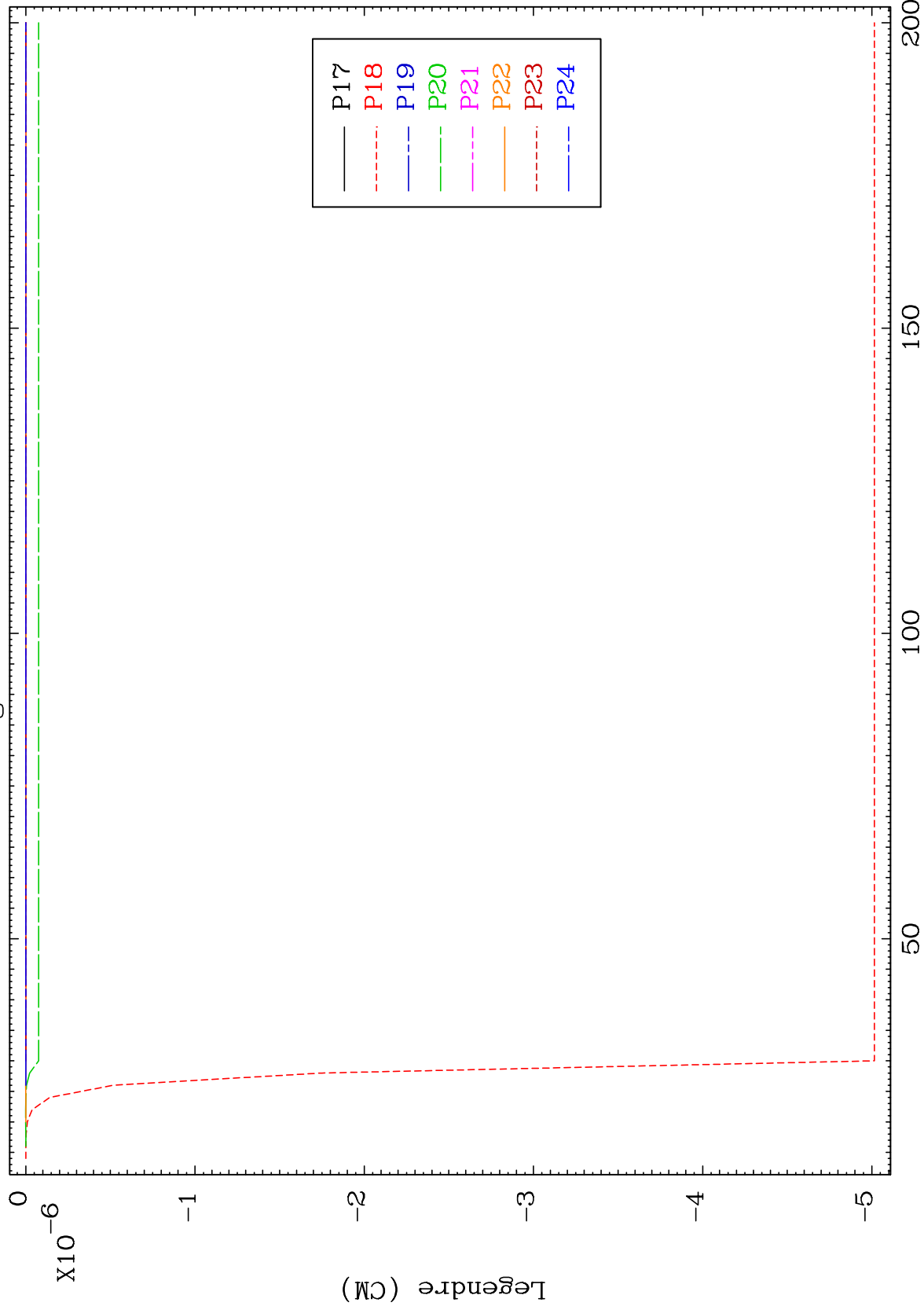
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

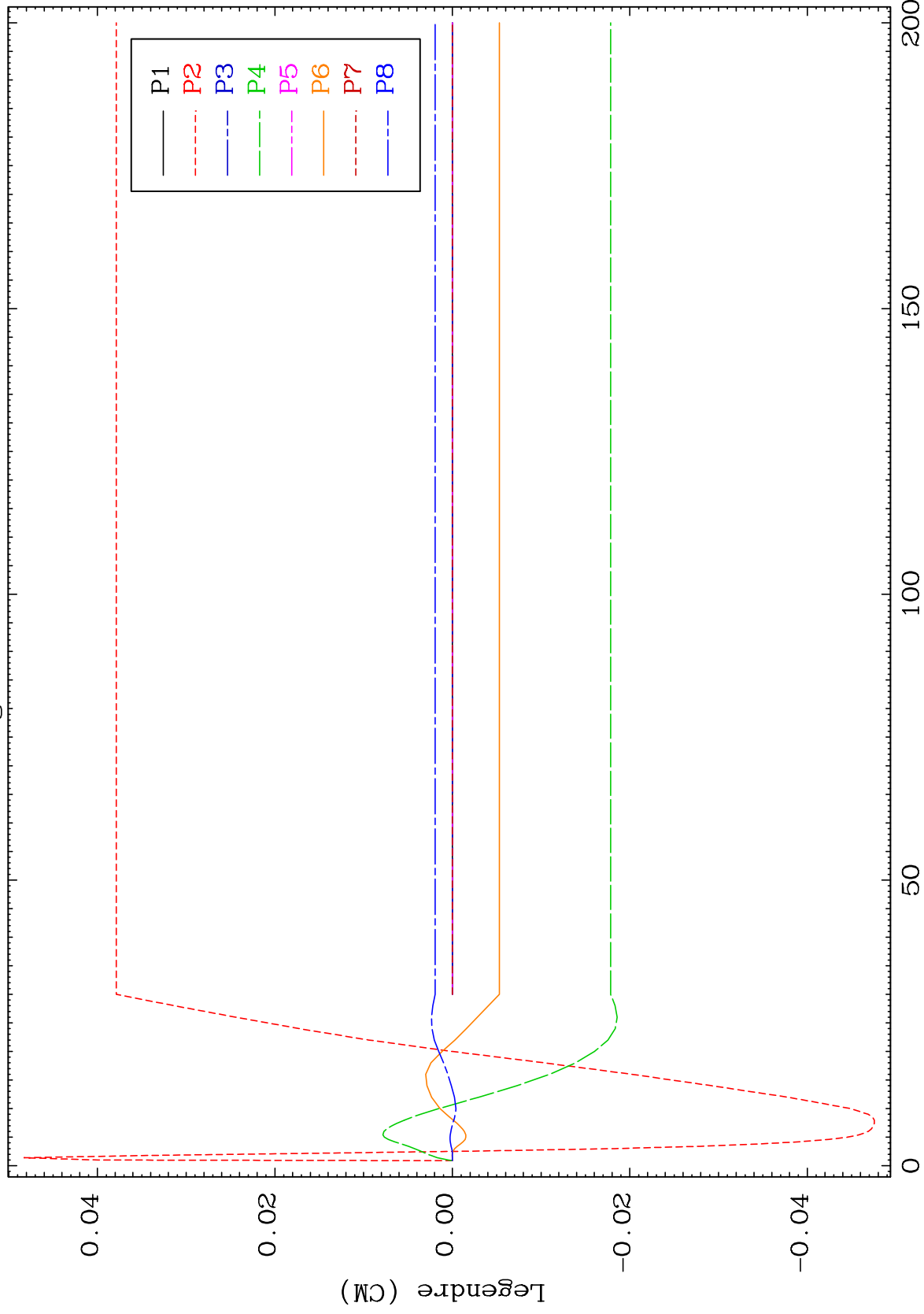
54-Xe-125



MAT 5428

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

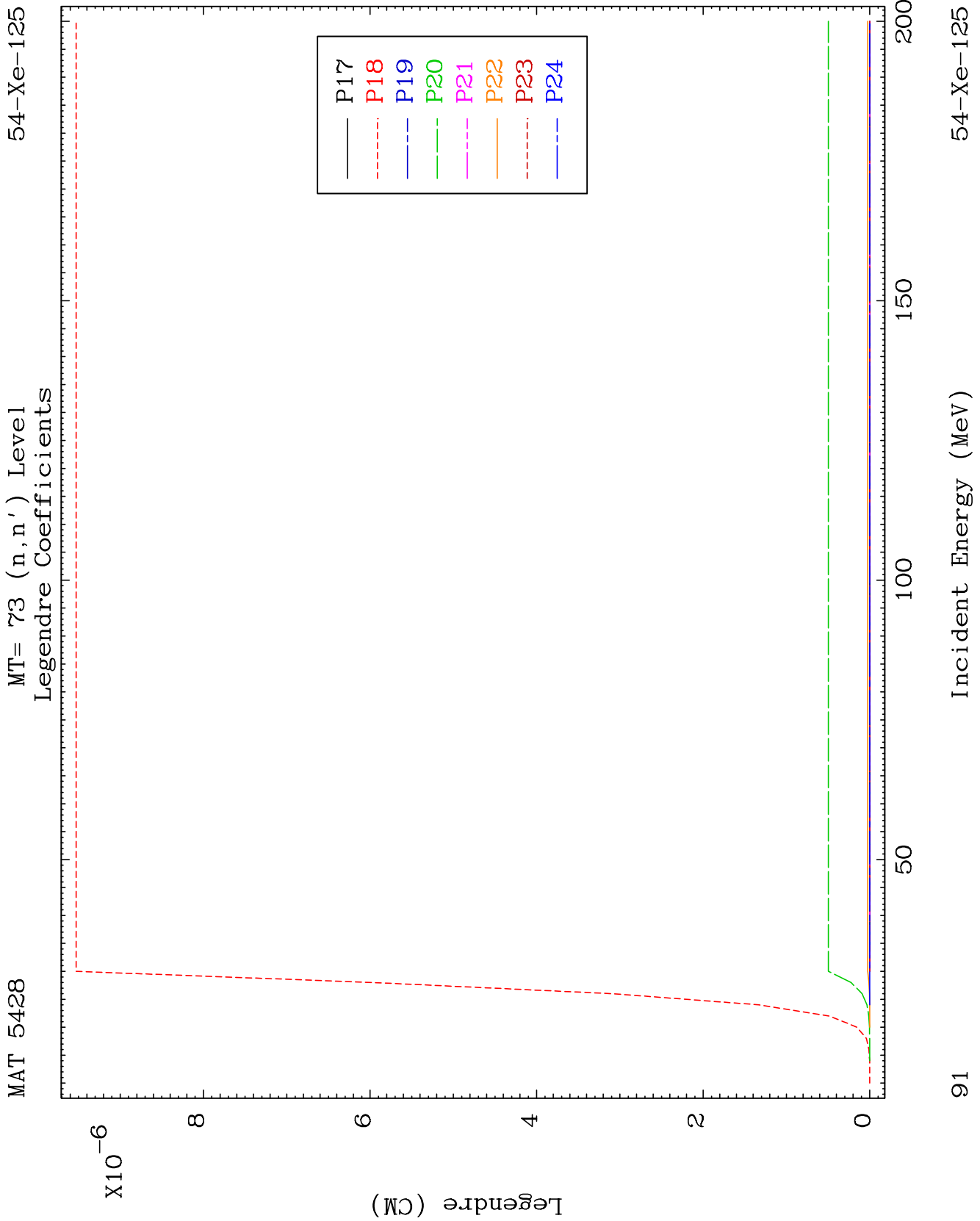
54-Xe-125



54-Xe-125

Incident Energy (MeV)

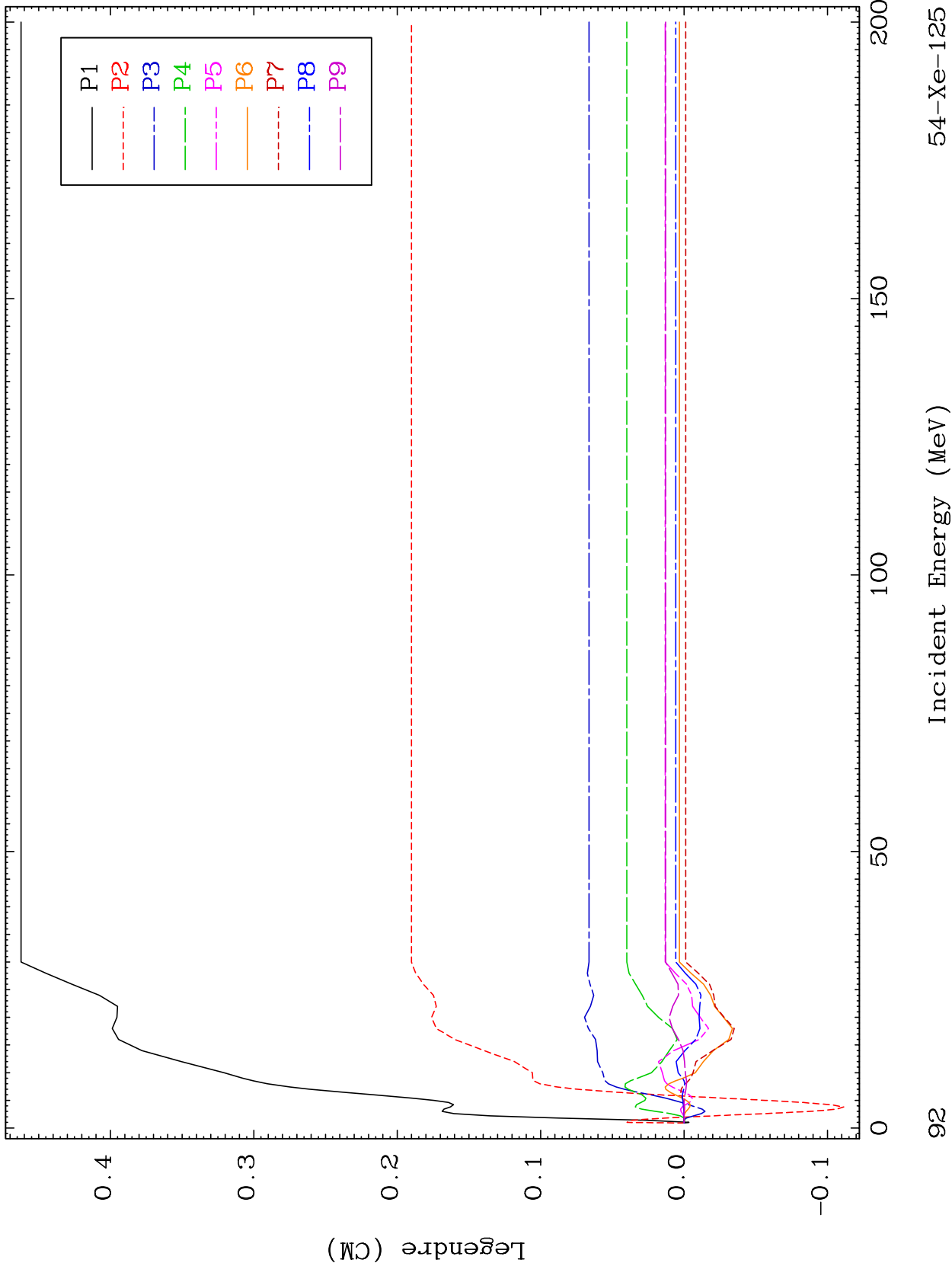
89



MAT 5428

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

54-Xe-125



54-Xe-125

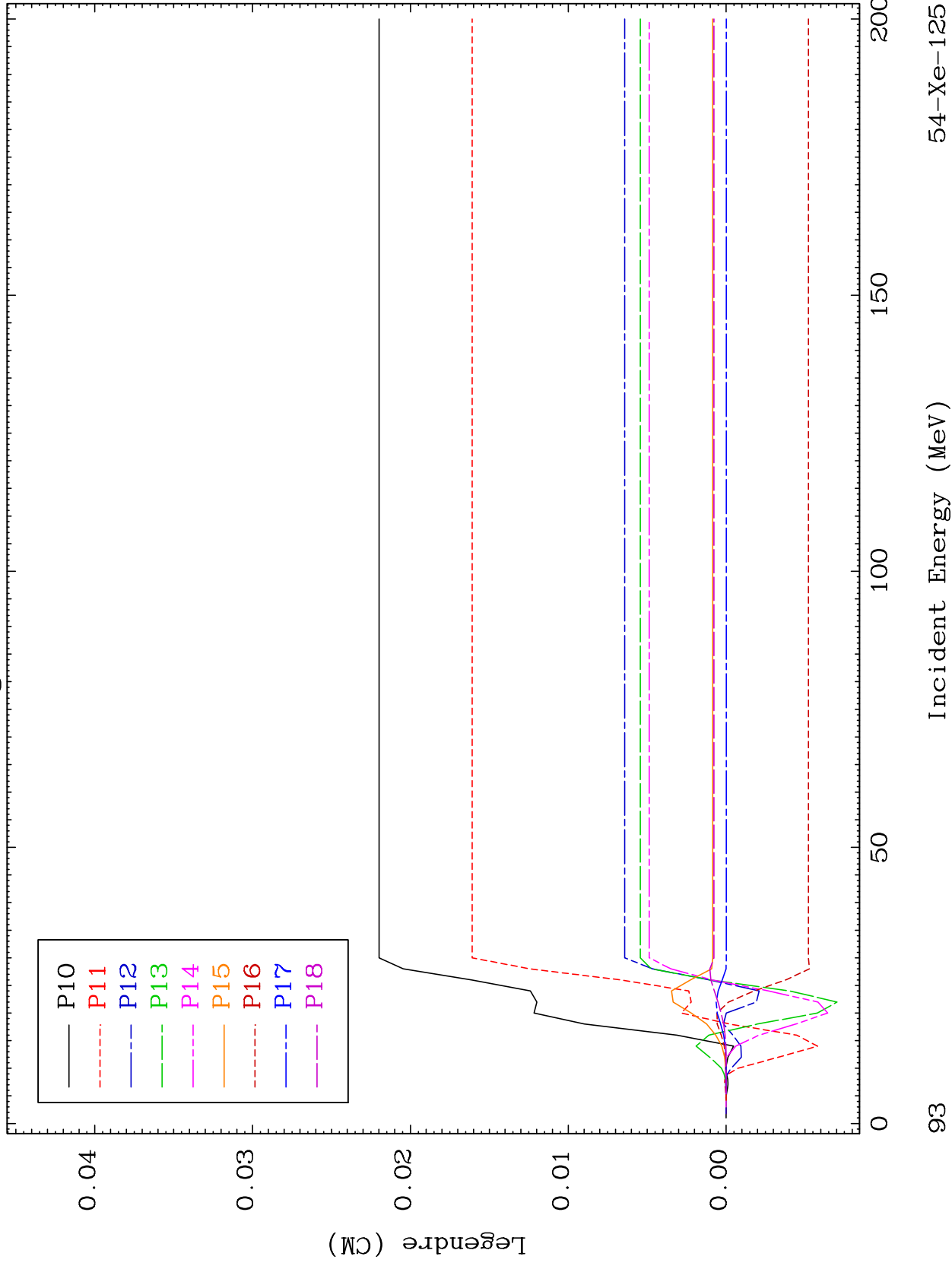
Incident Energy (MeV)

92

MAT 5428

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

54-Xe-125



93

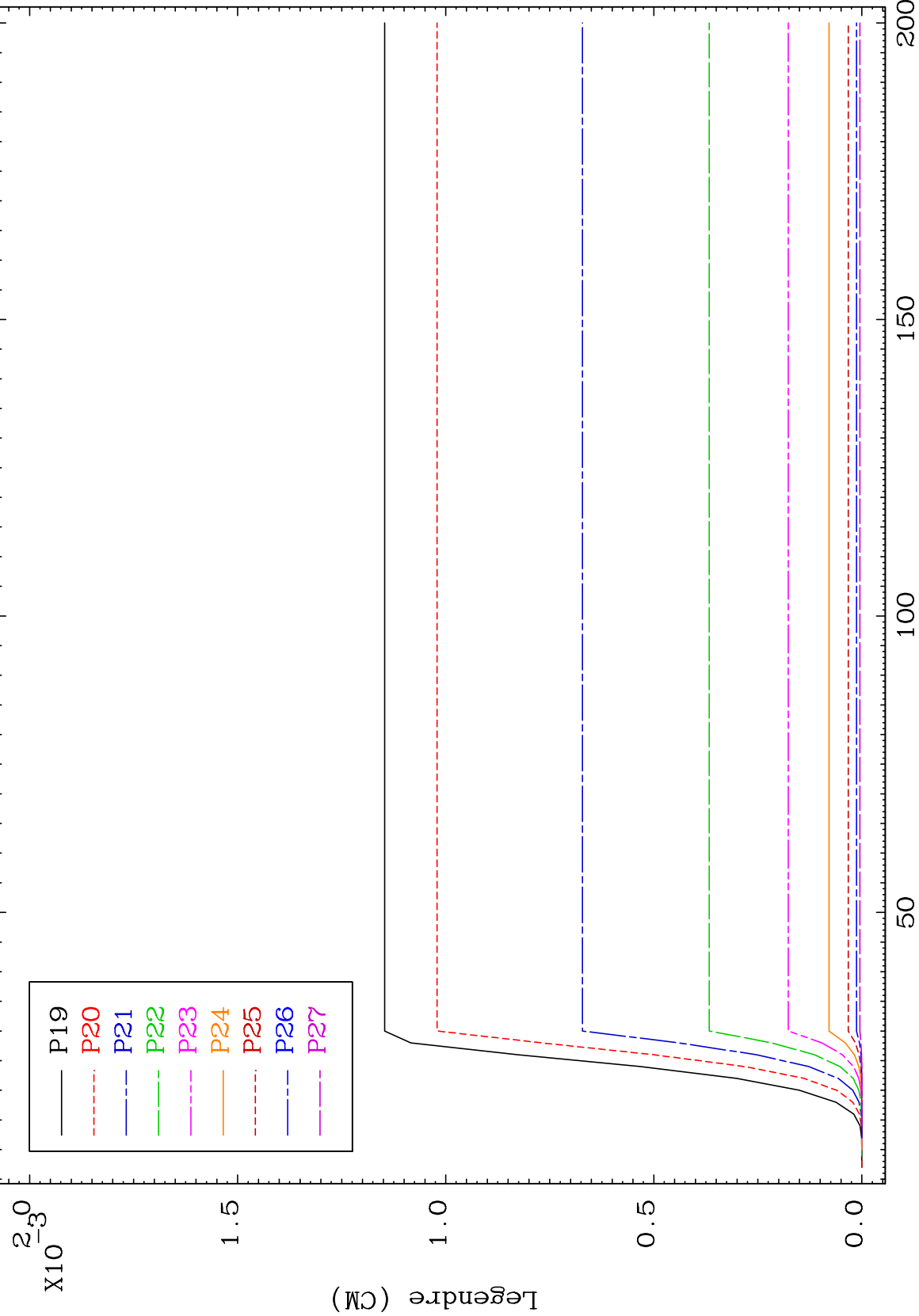
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



94

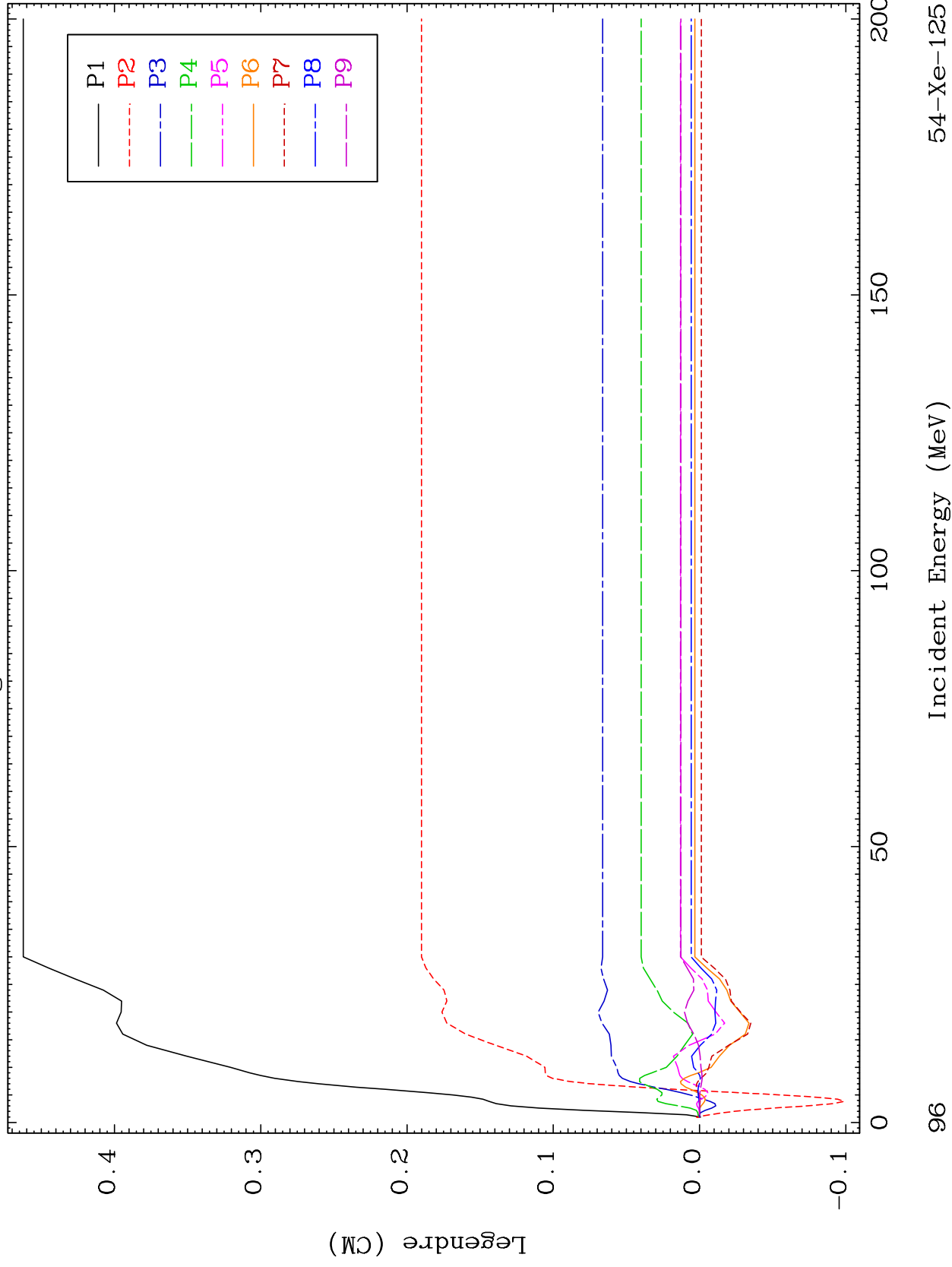
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



54-Xe-125

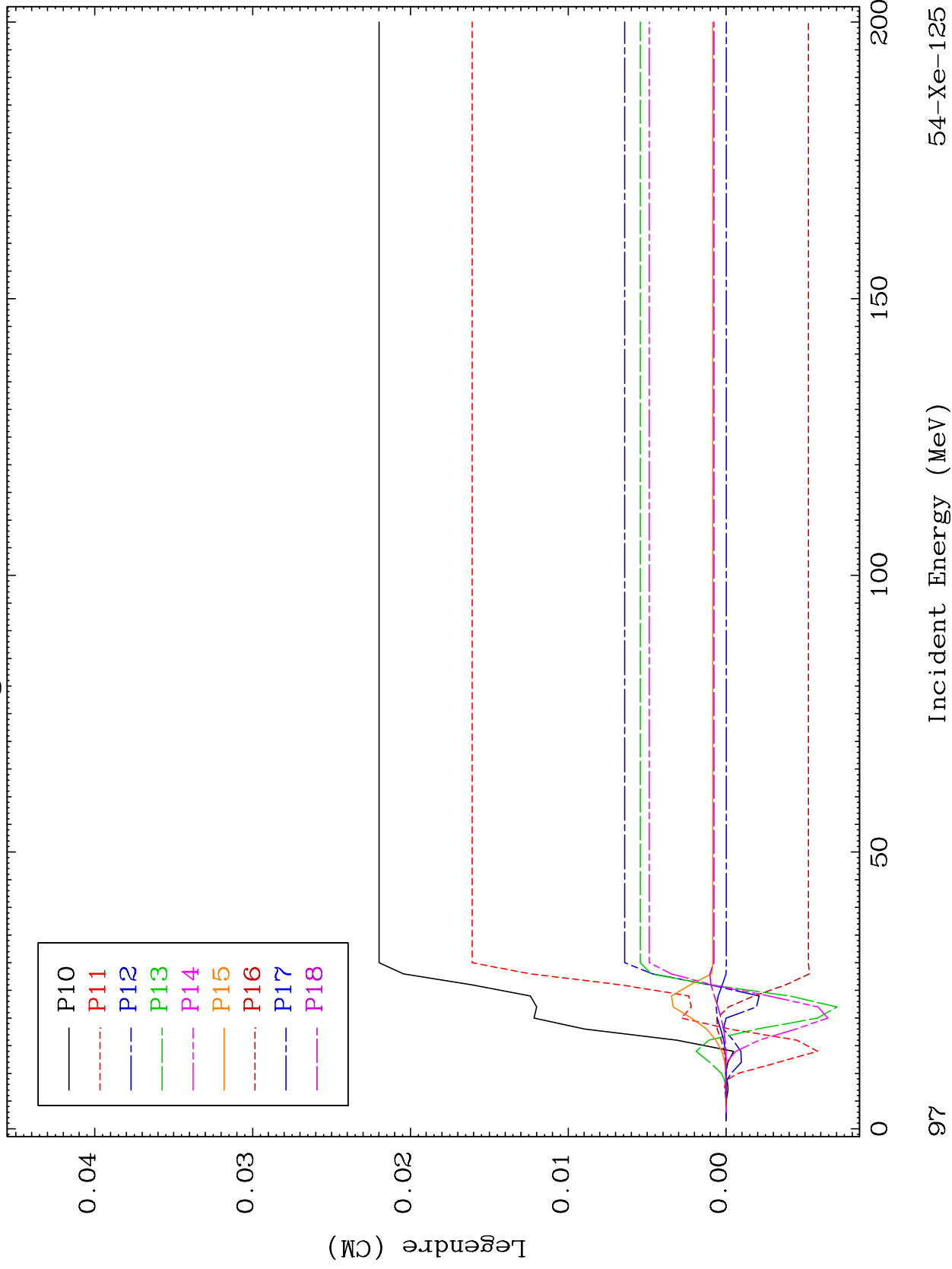
Incident Energy (MeV)

96

MAT 5428

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

54-Xe-125



97

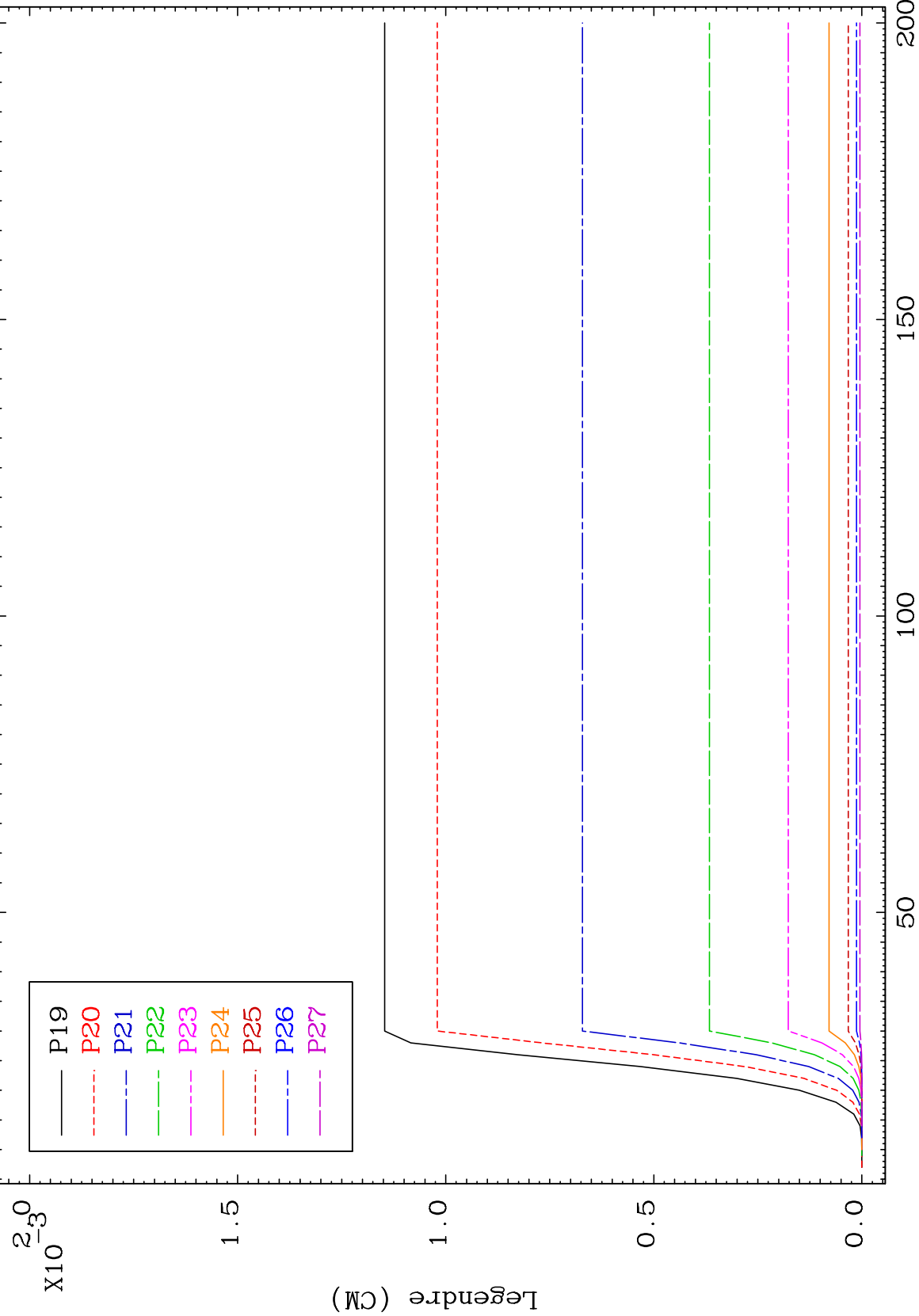
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



98

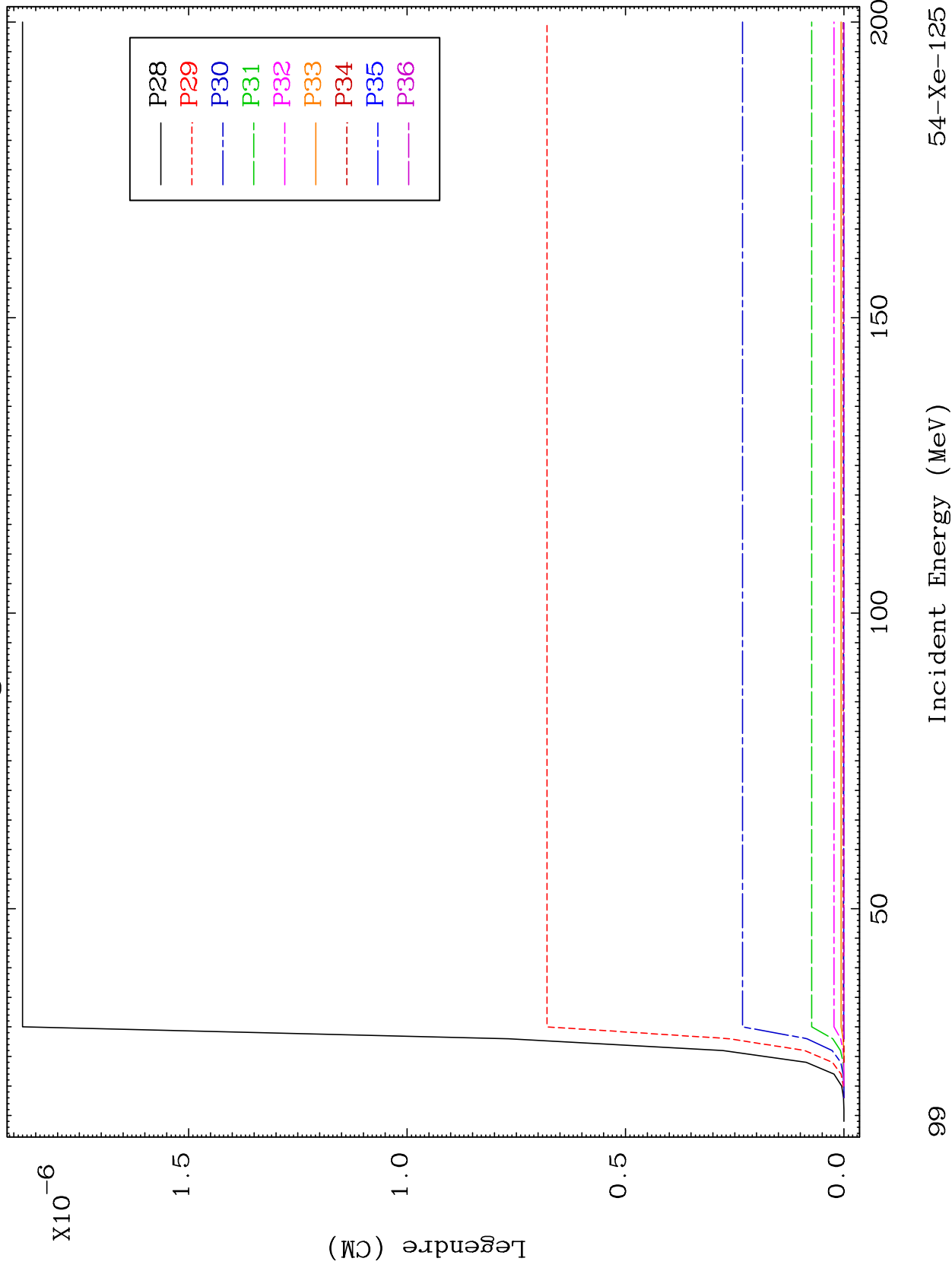
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

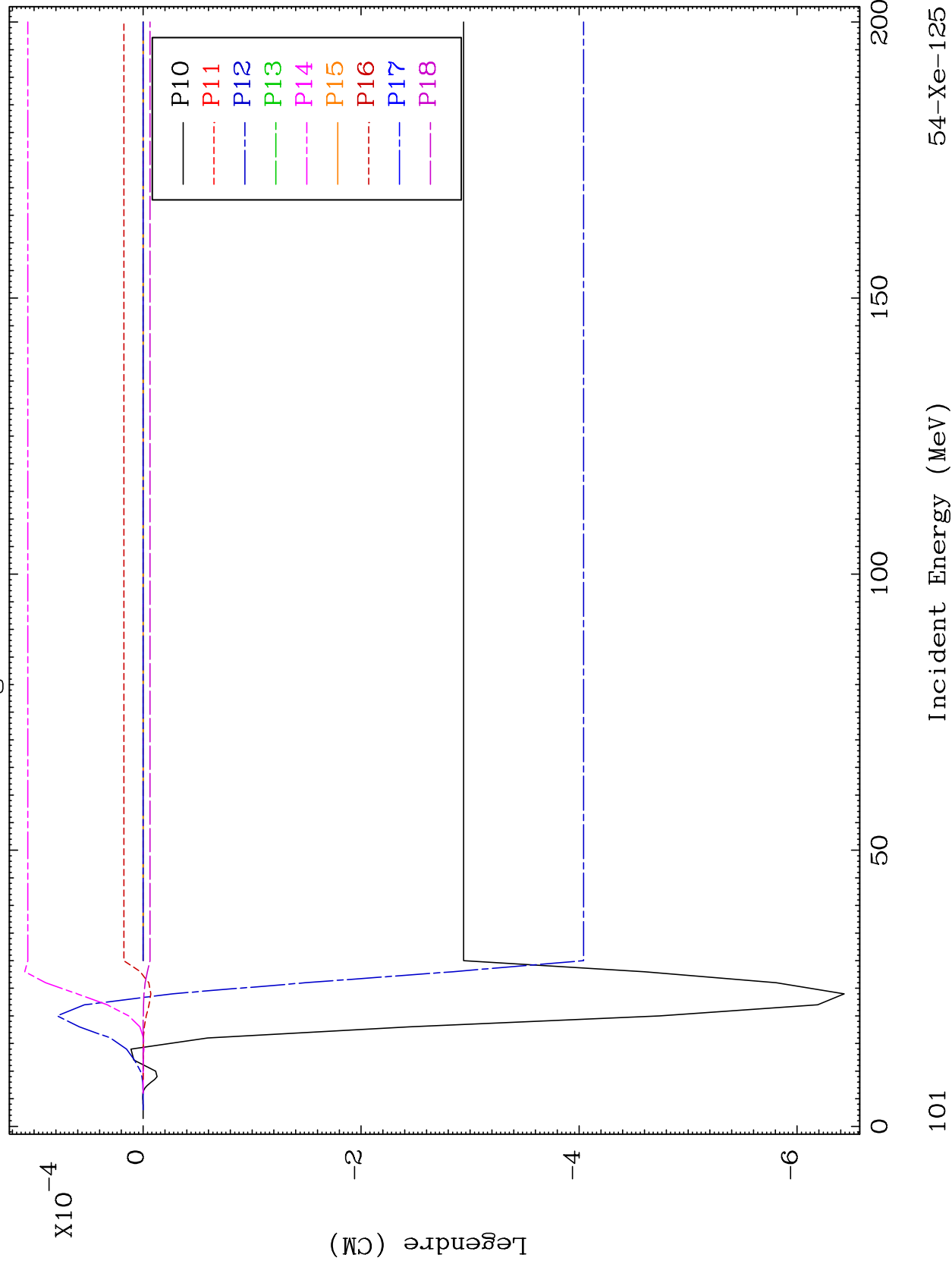
54-Xe-125

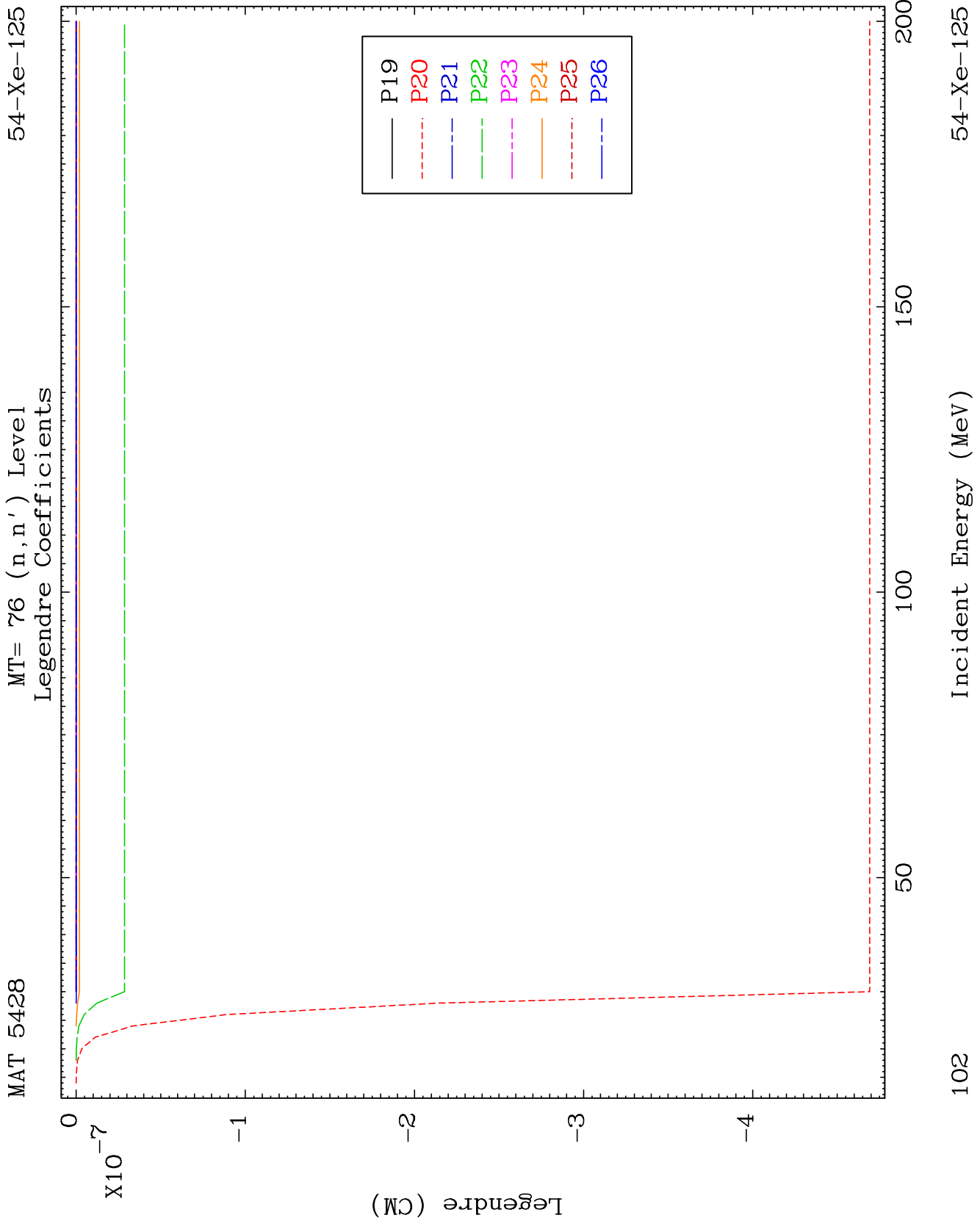


MAT 5428

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

54-Xe-125



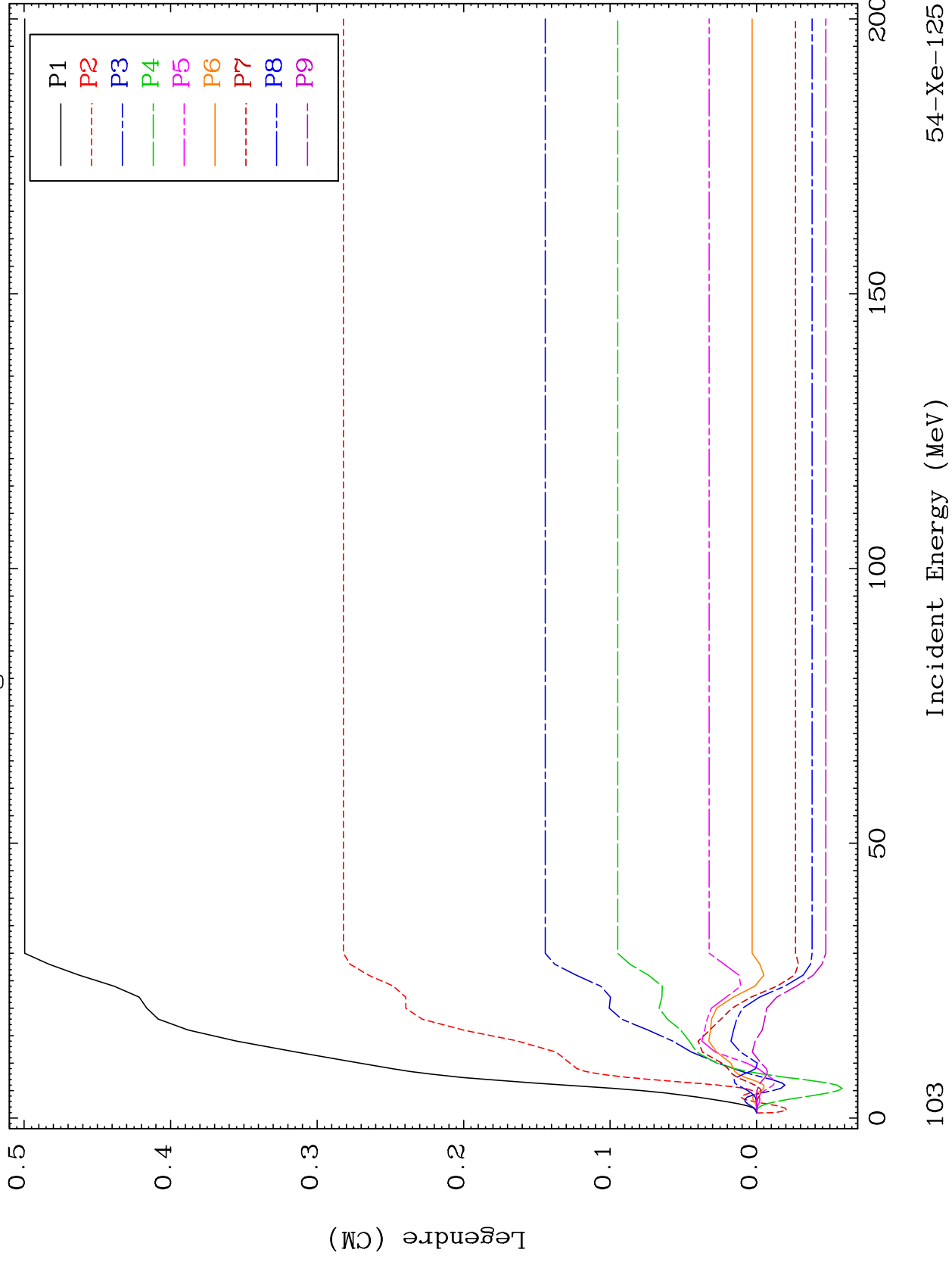


MAT 5428

MT= 77 (n,n') Level

54-Xe-125

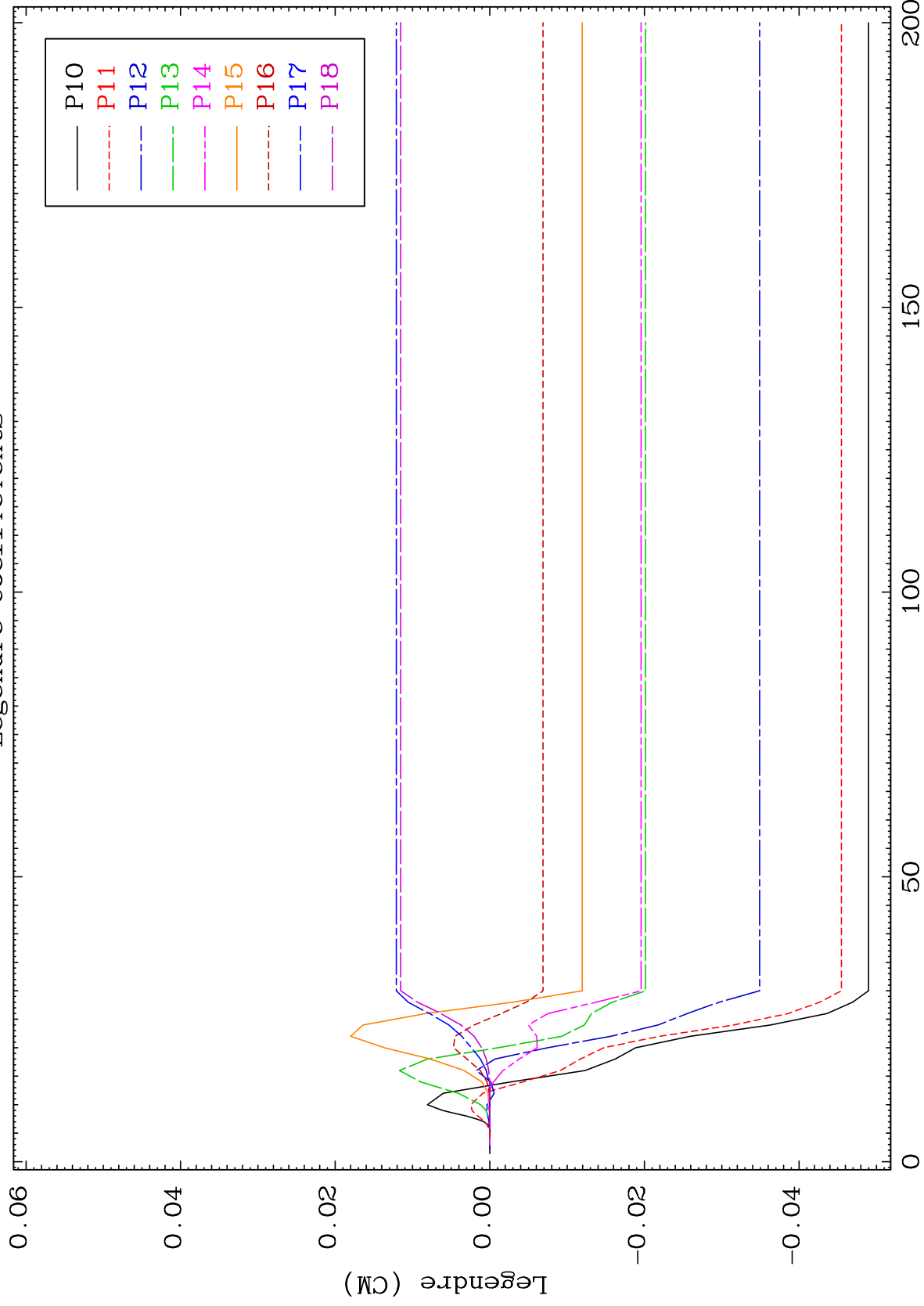
Legendre Coefficients



MAT 5428

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

54-Xe-125



104

Incident Energy (MeV)

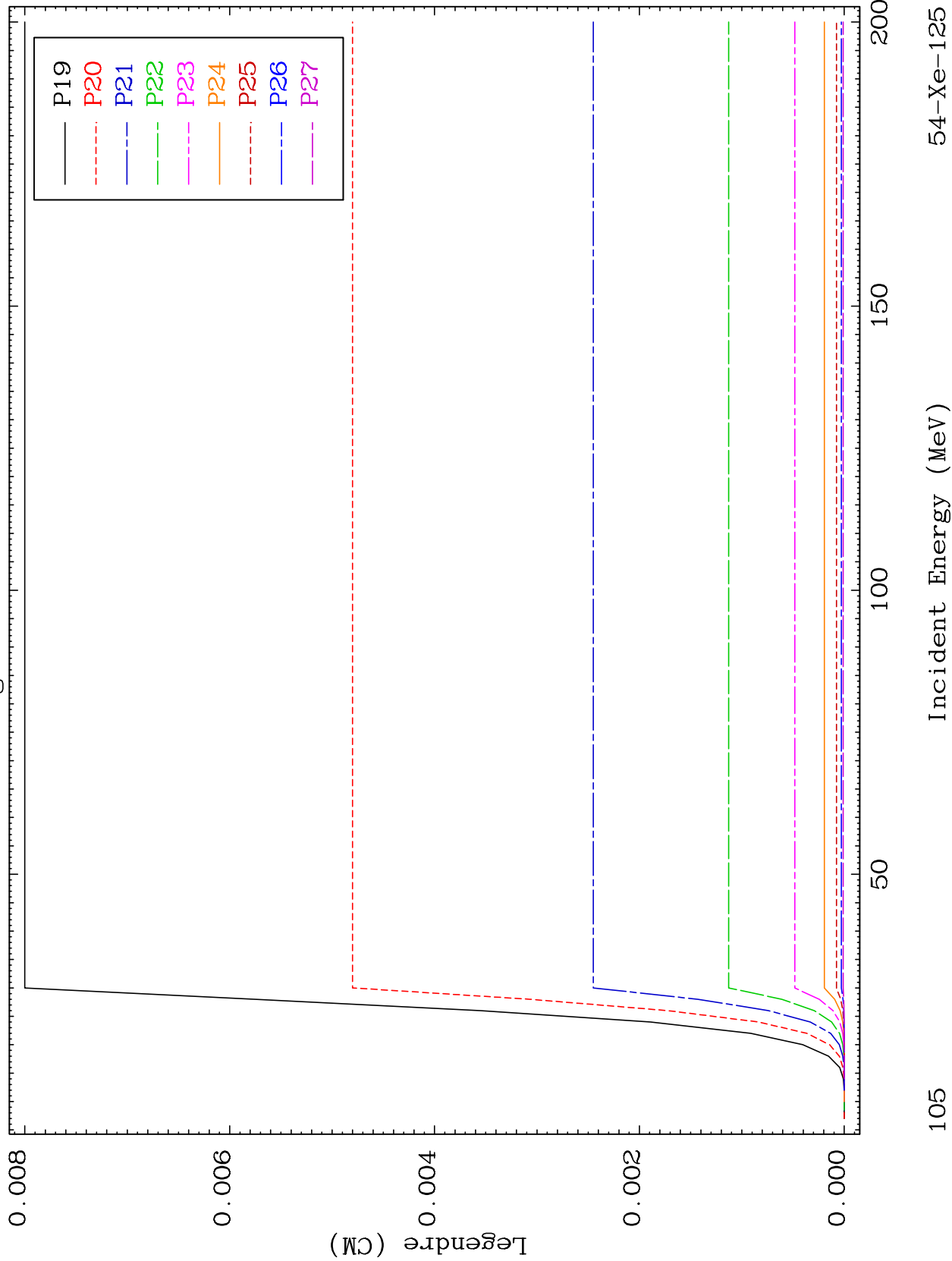
54-Xe-125

MAT 5428

MT= 77 (n,n') Level

54-Xe-125

Legendre Coefficients



105

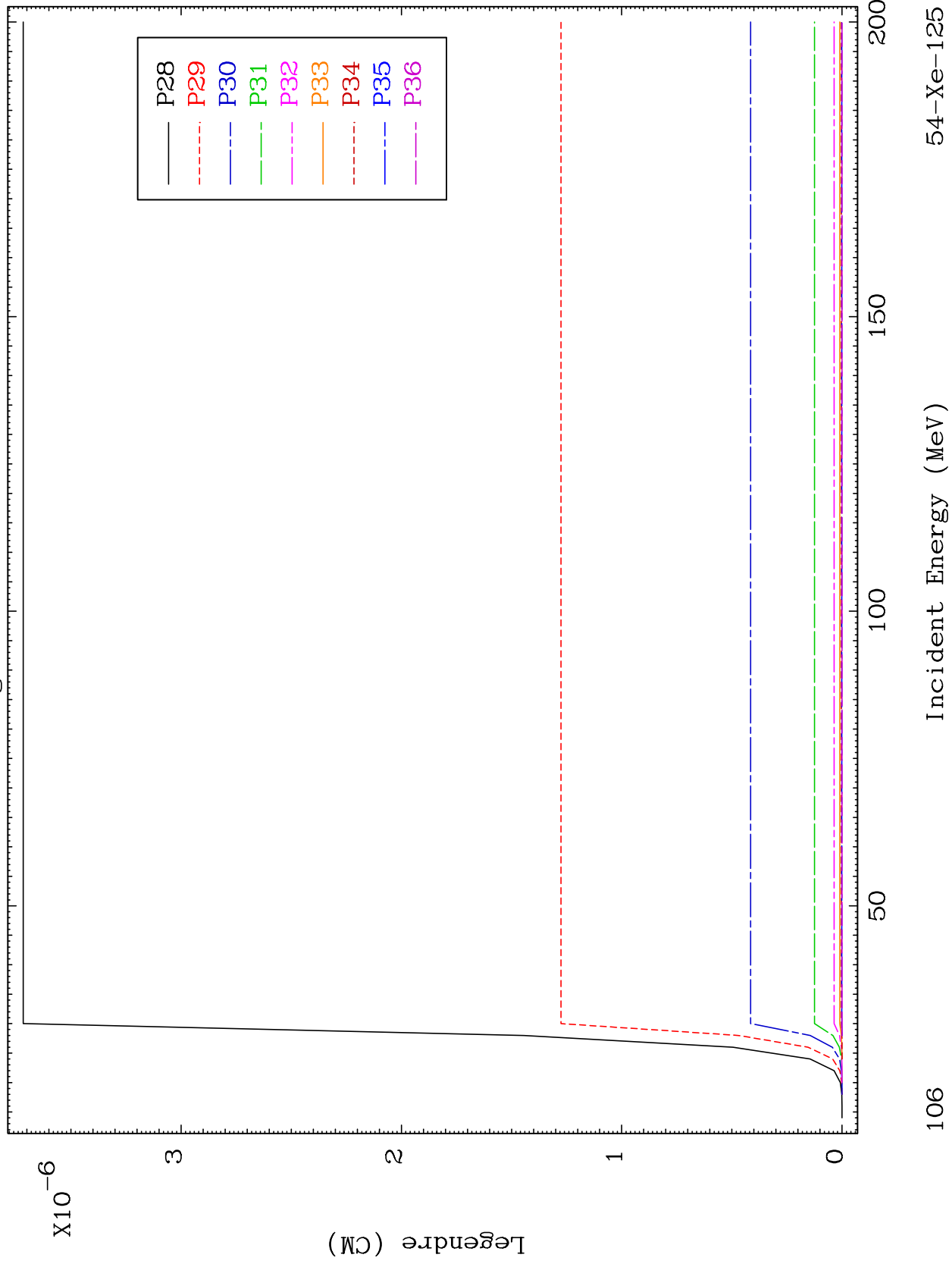
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

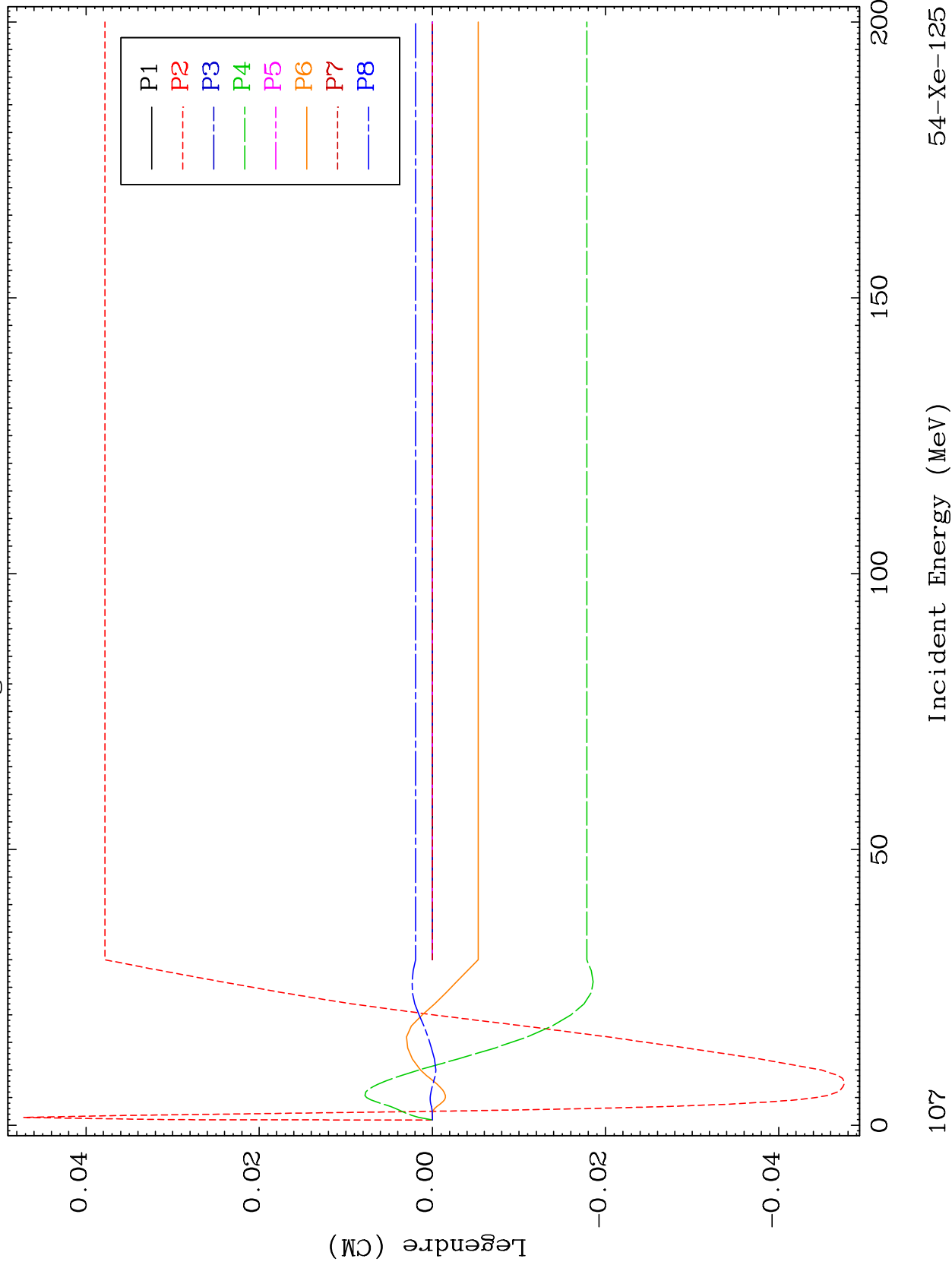
54-Xe-125



MAT 5428

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

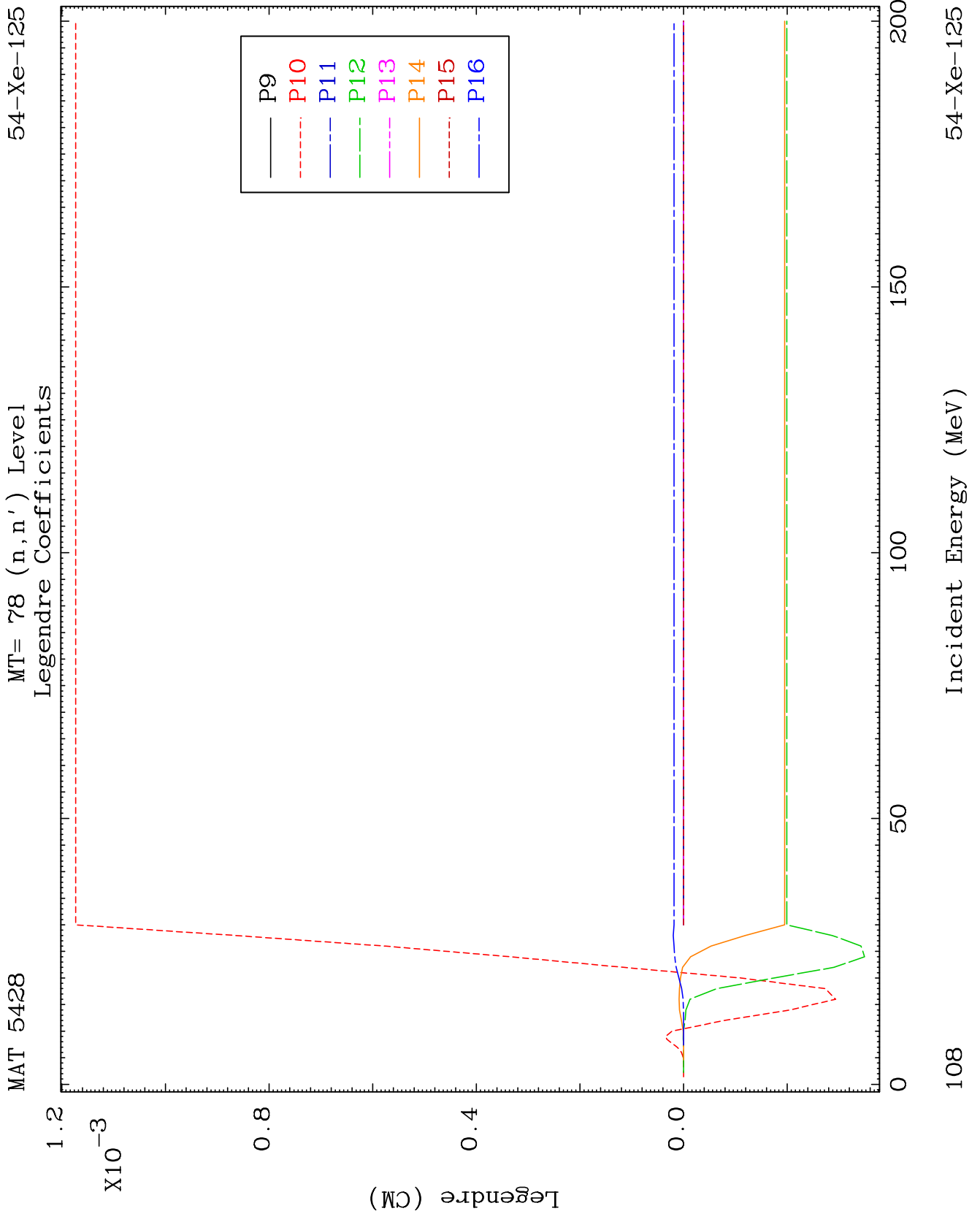
54-Xe-125

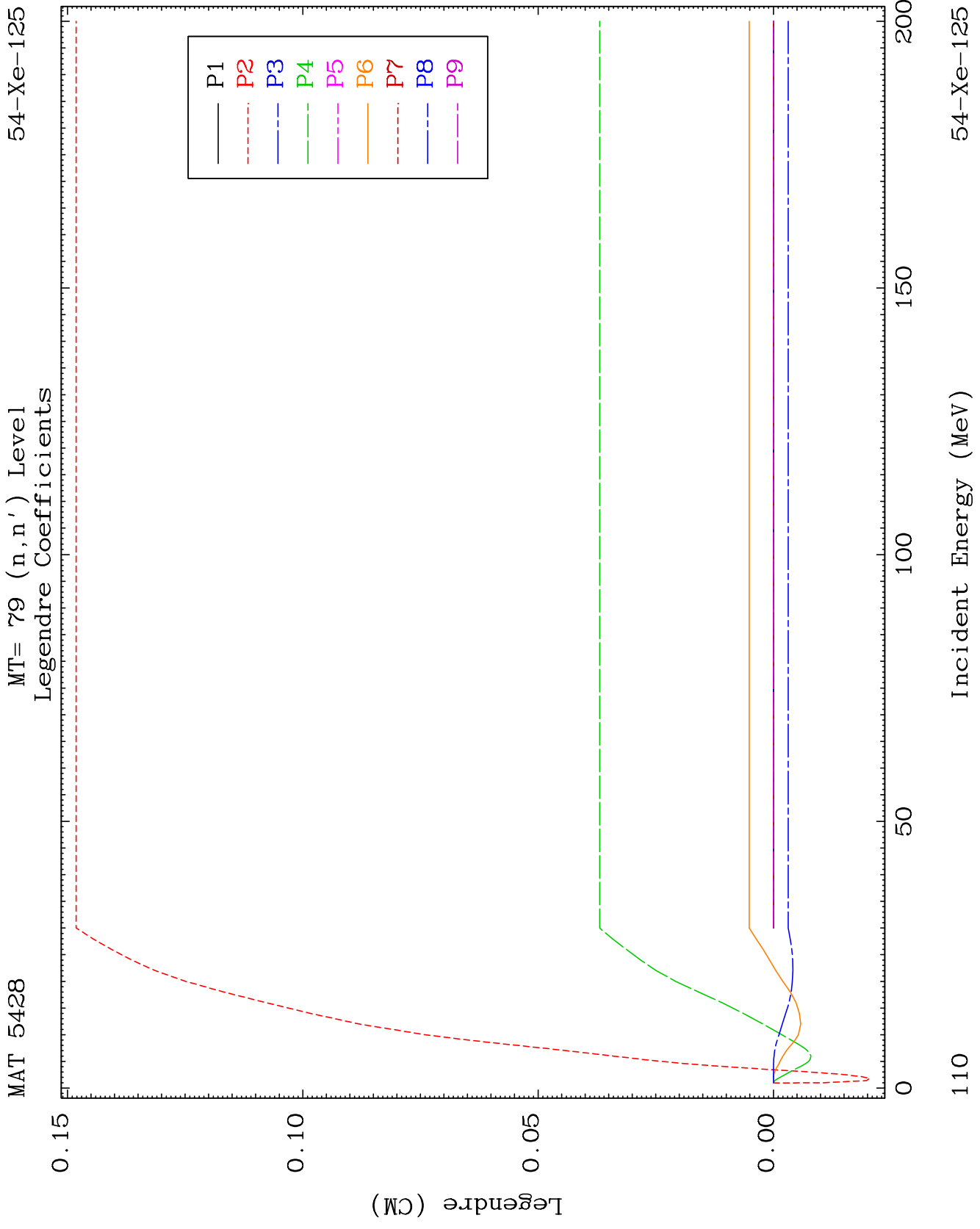


54-Xe-125

Incident Energy (MeV)

107

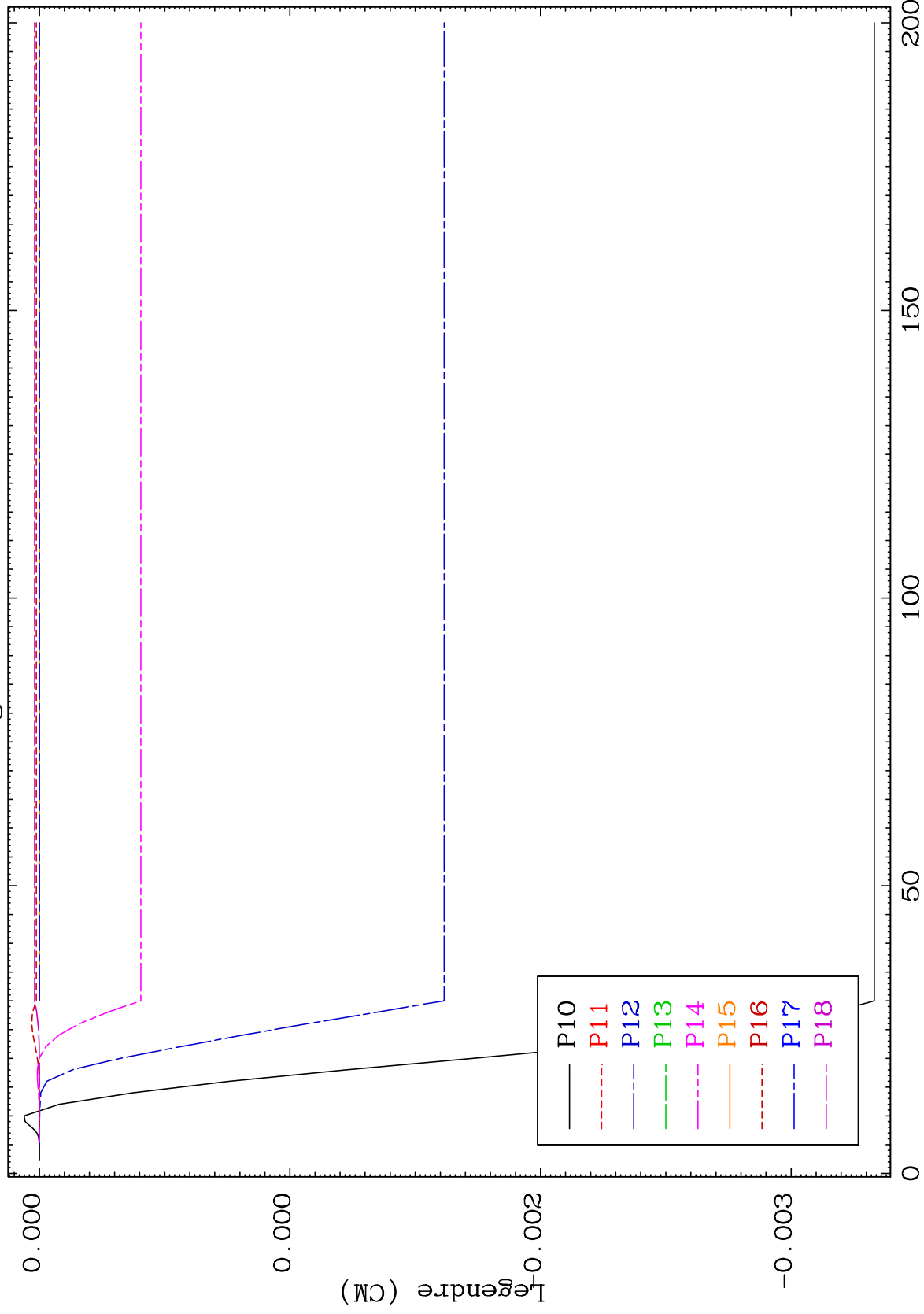




MAT 5428

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

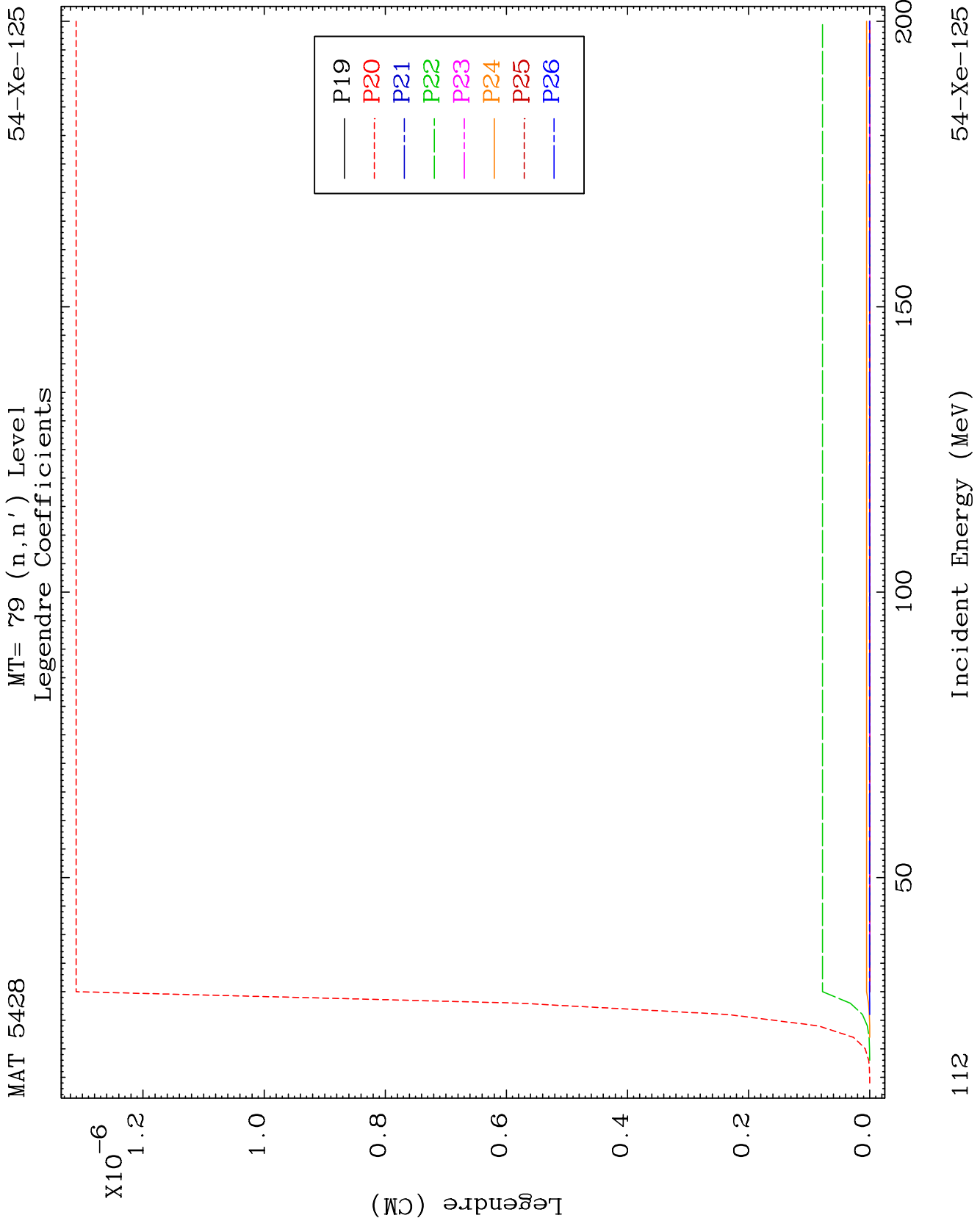
54-Xe-125



111

Incident Energy (MeV)

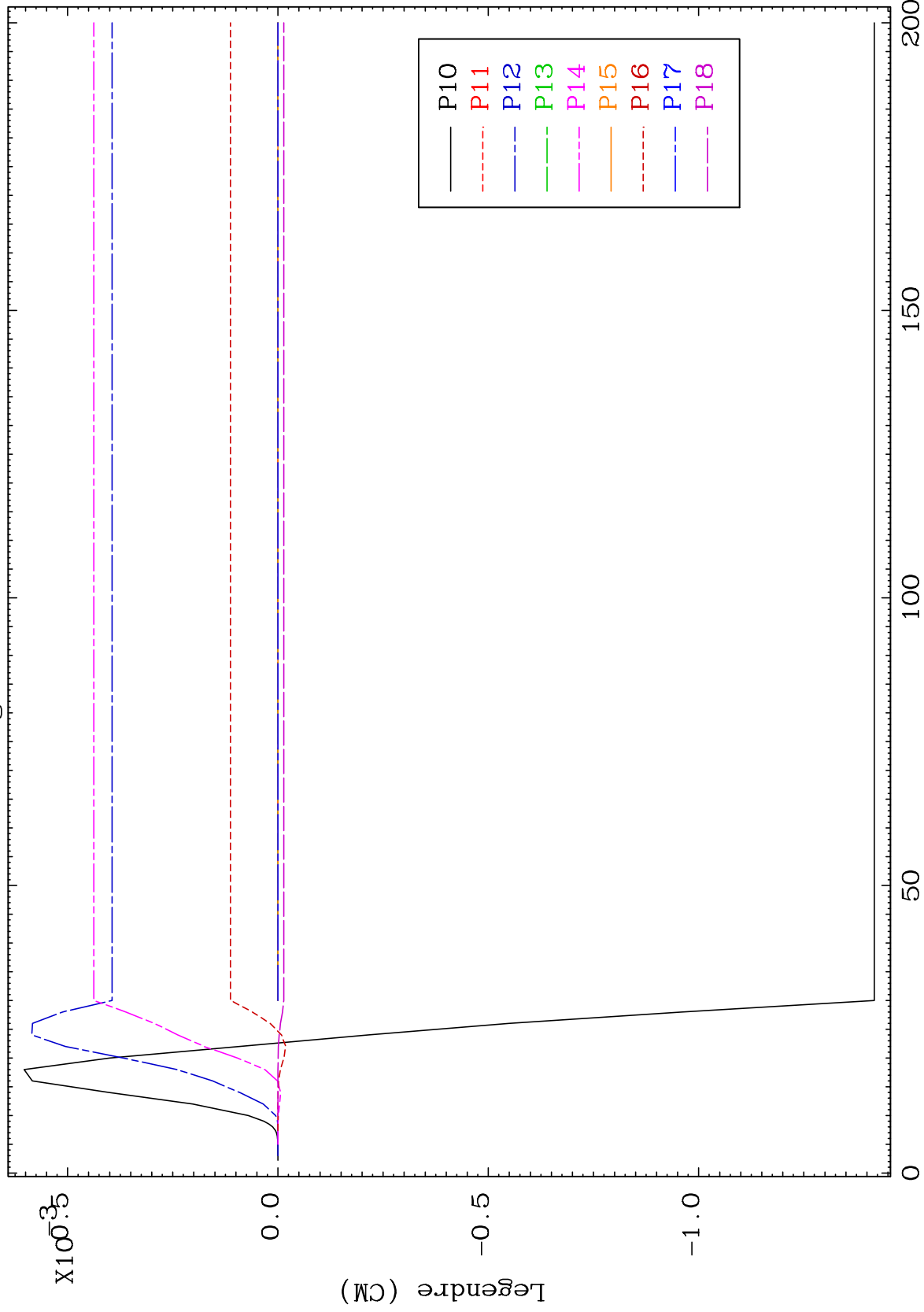
54-Xe-125



MAT 5428

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

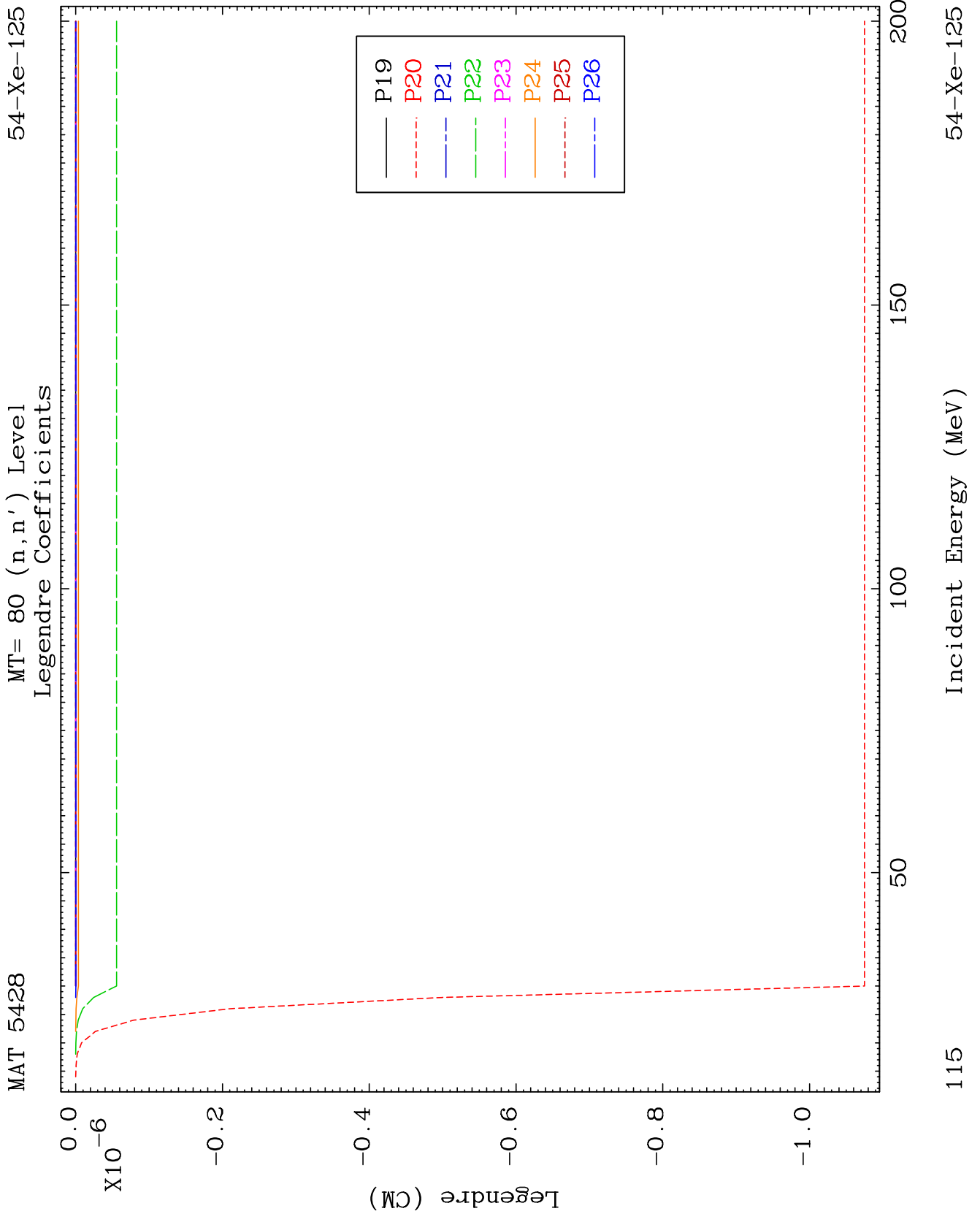
54-Xe-125



114

Incident Energy (MeV)

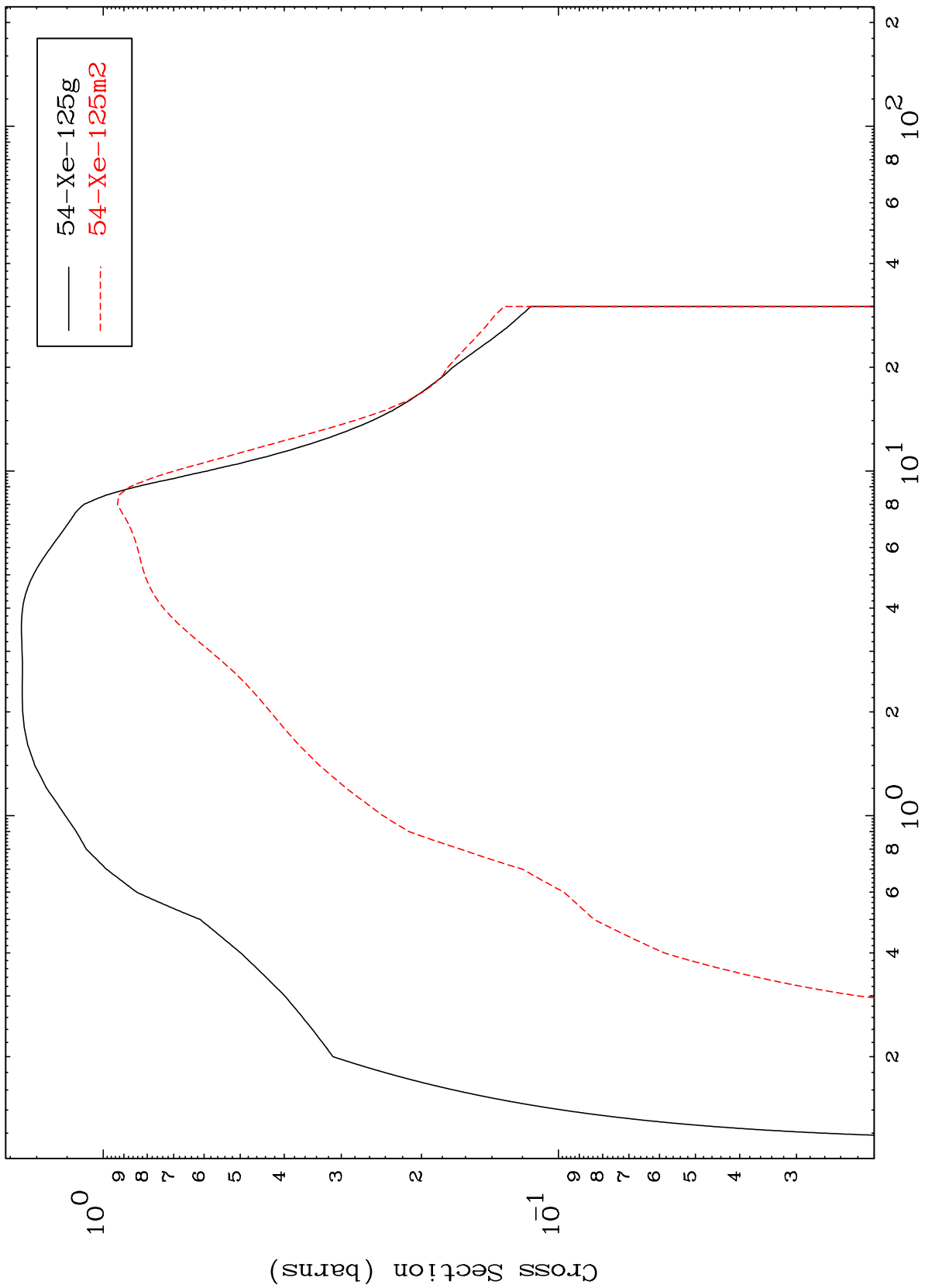
54-Xe-125



MAT 5428

54-Xe-125

Inelastic
Radionuclide Production Cross Section



116

Incident Energy (MeV)

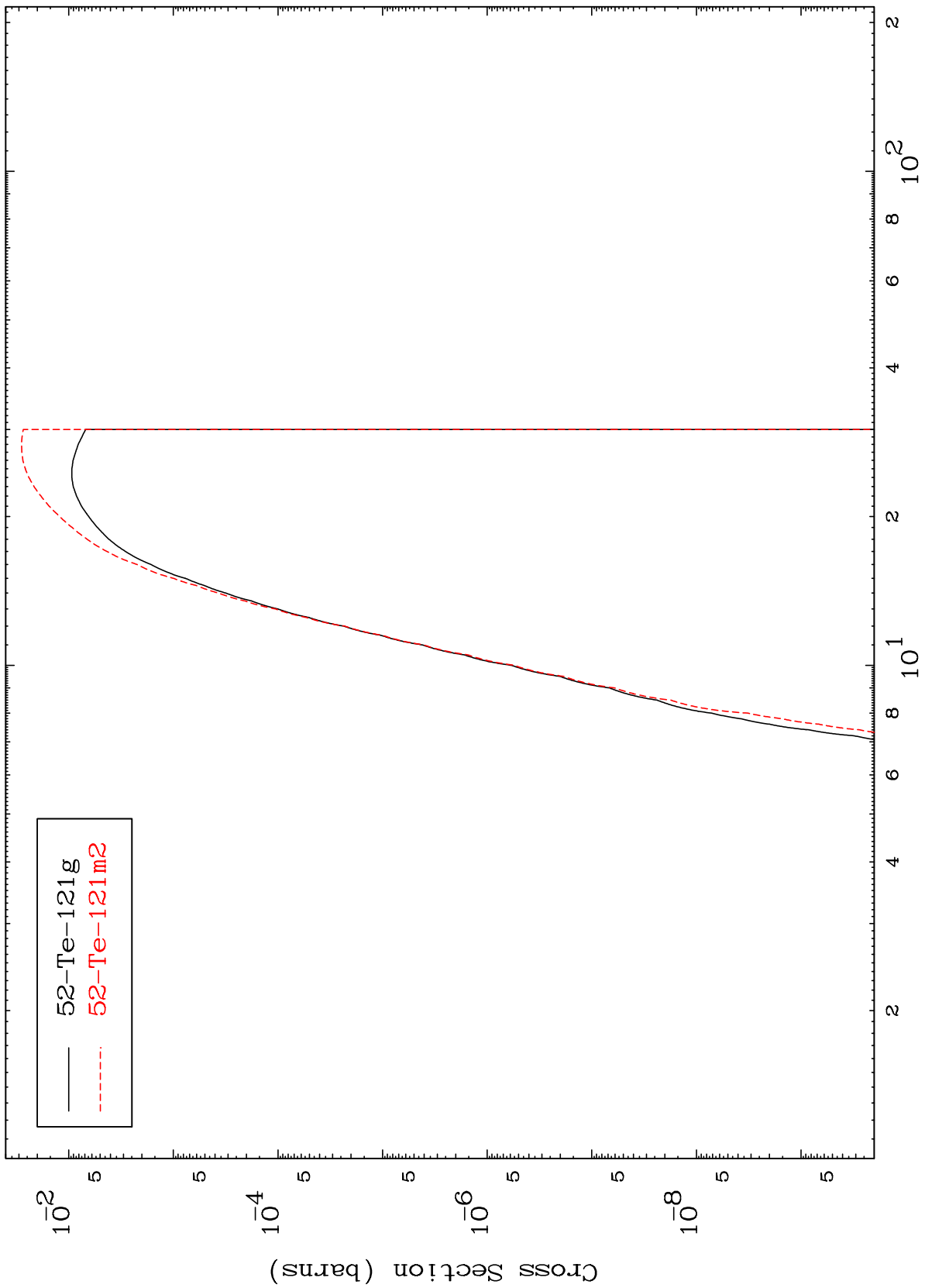
54-Xe-125

MAT 5428

(n,n') α

54-Xe-125

Radionuclide Production Cross Section

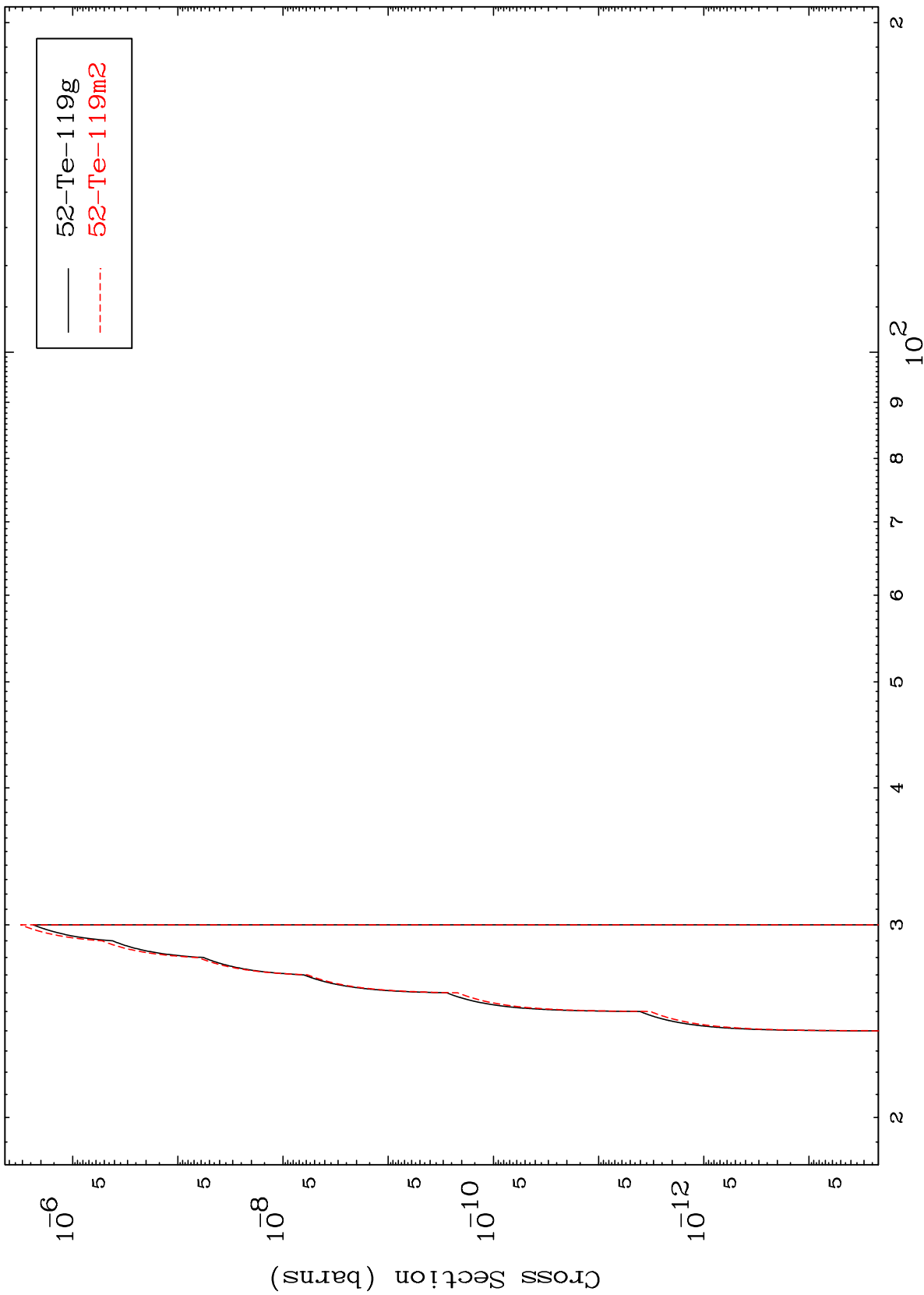


117

Incident Energy (MeV)

54-Xe-125

Radionuclide Production Cross Section

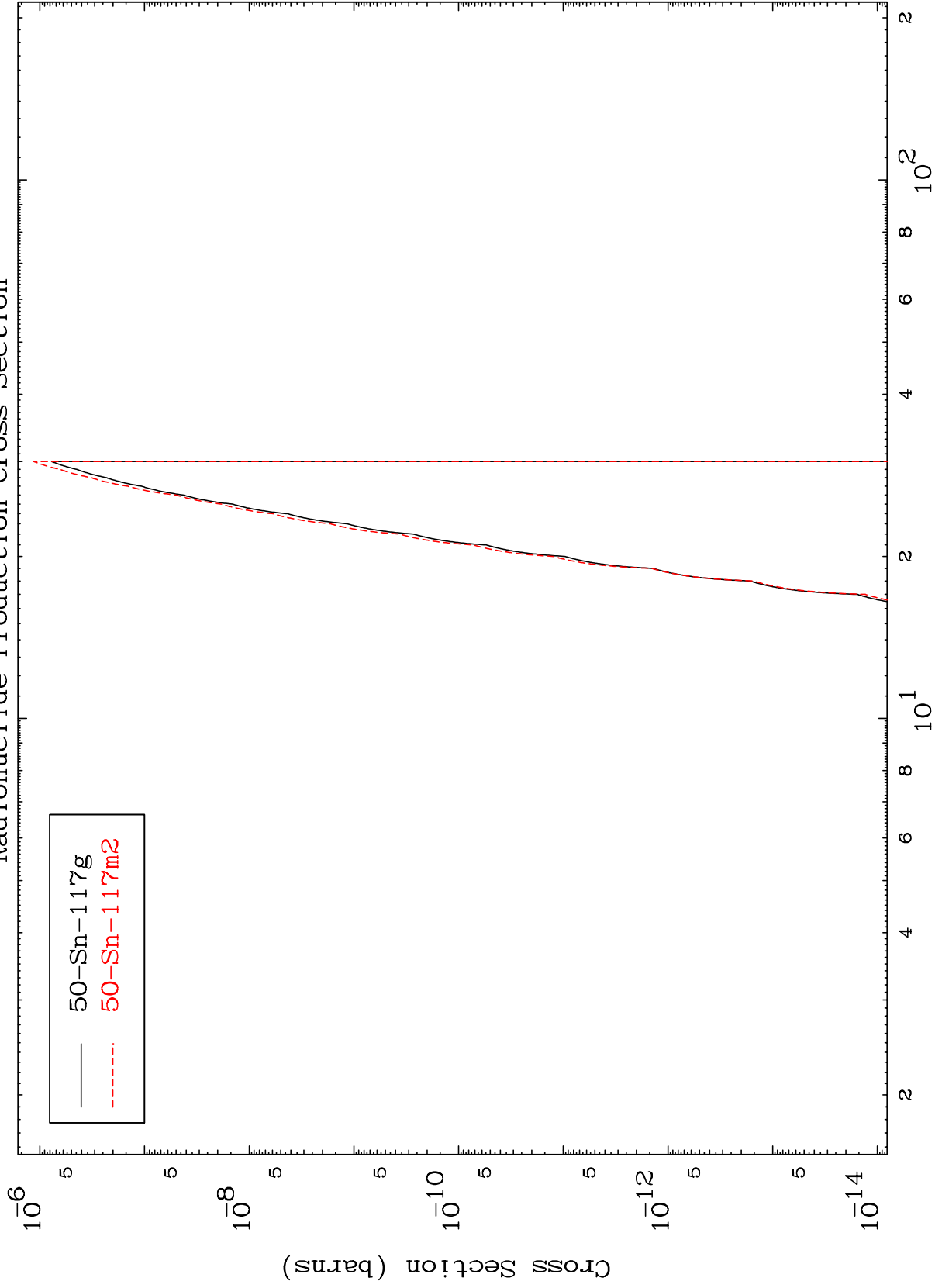


MAT 5428

(n,n') 2α

54-Xe-125

Radionuclide Production Cross Section



119

Incident Energy (MeV)

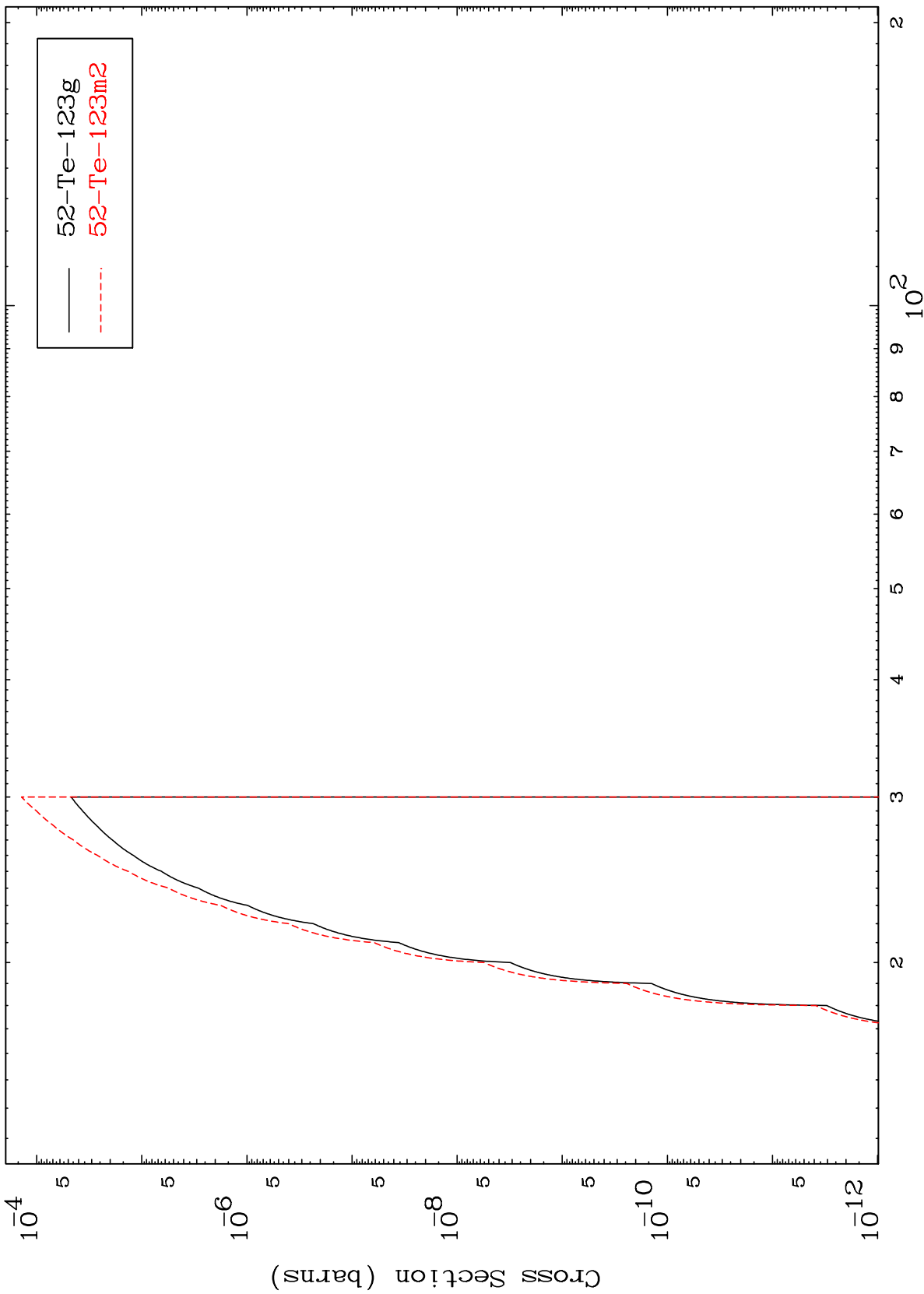
54-Xe-125

MAT 5428

(n,2n) p

54-Xe-125

Radionuclide Production Cross Section



120

Incident Energy (MeV)

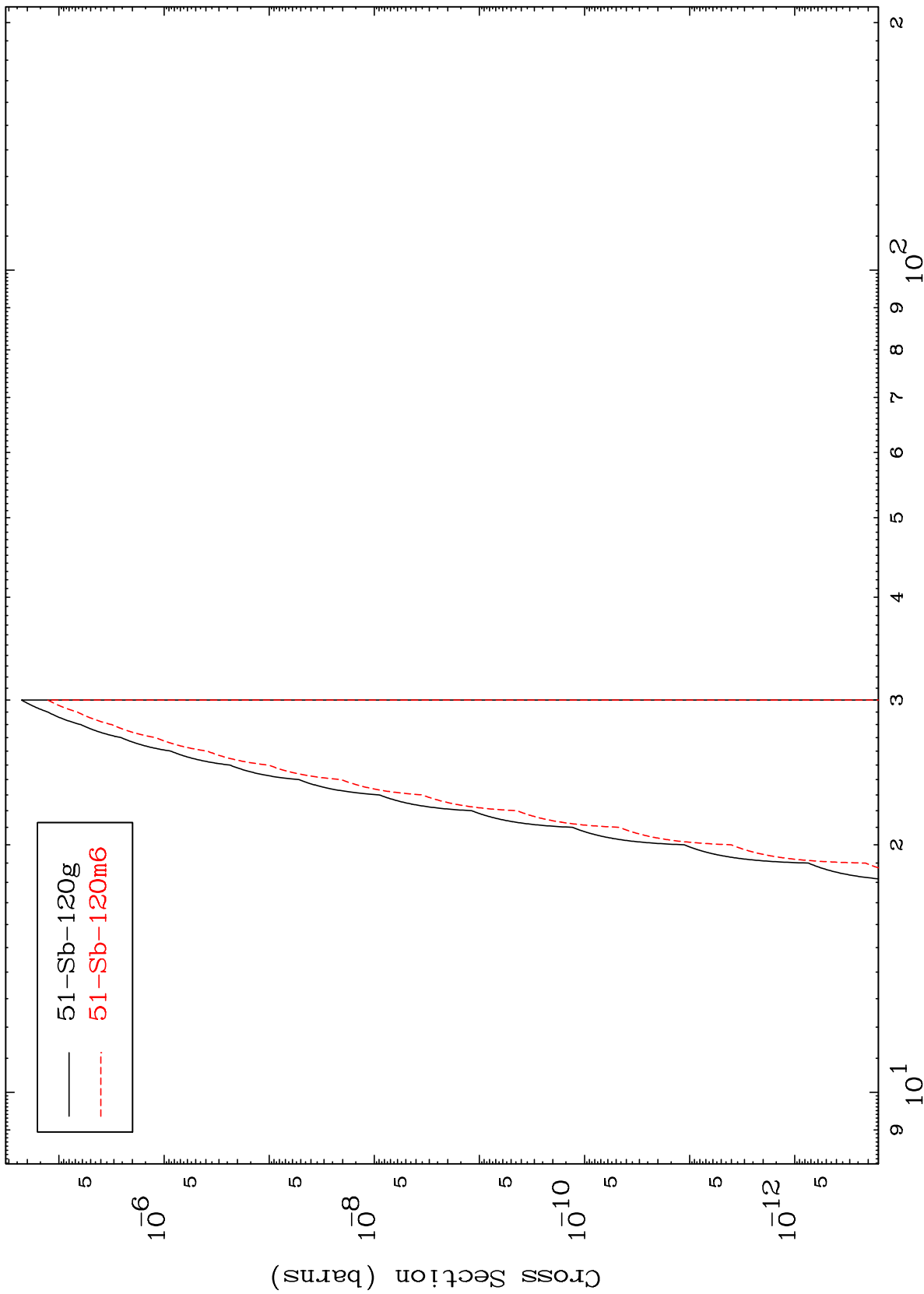
54-Xe-125

MAT 5428

(n,n') p α

54-Xe-125

Radionuclide Production Cross Section



121

Incident Energy (MeV)

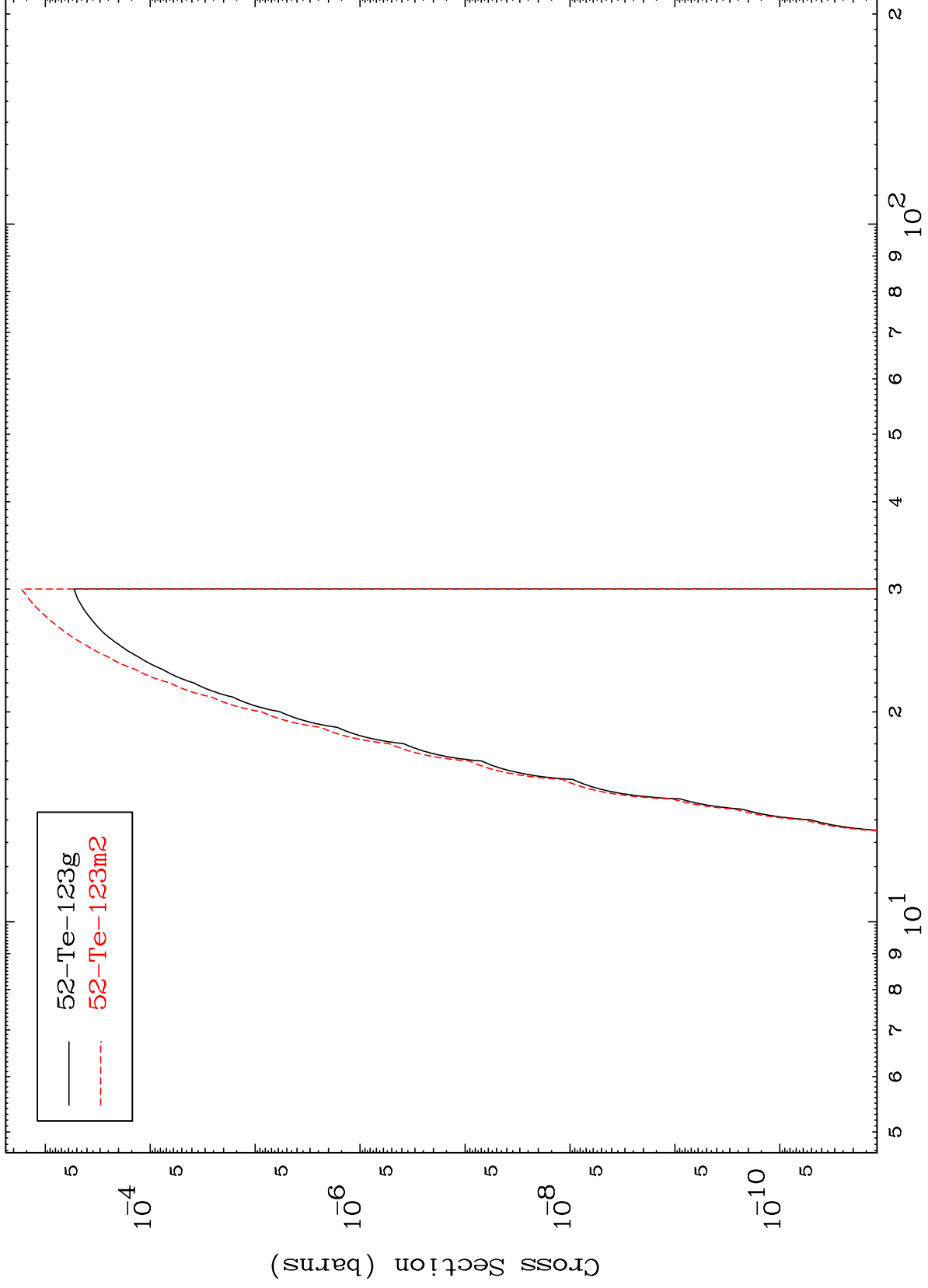
54-Xe-125

MAT 5428

(n,He-3)

54-Xe-125

Radionuclide Production Cross Section



52-Te-123g
52-Te-123m2

122

Incident Energy (MeV)

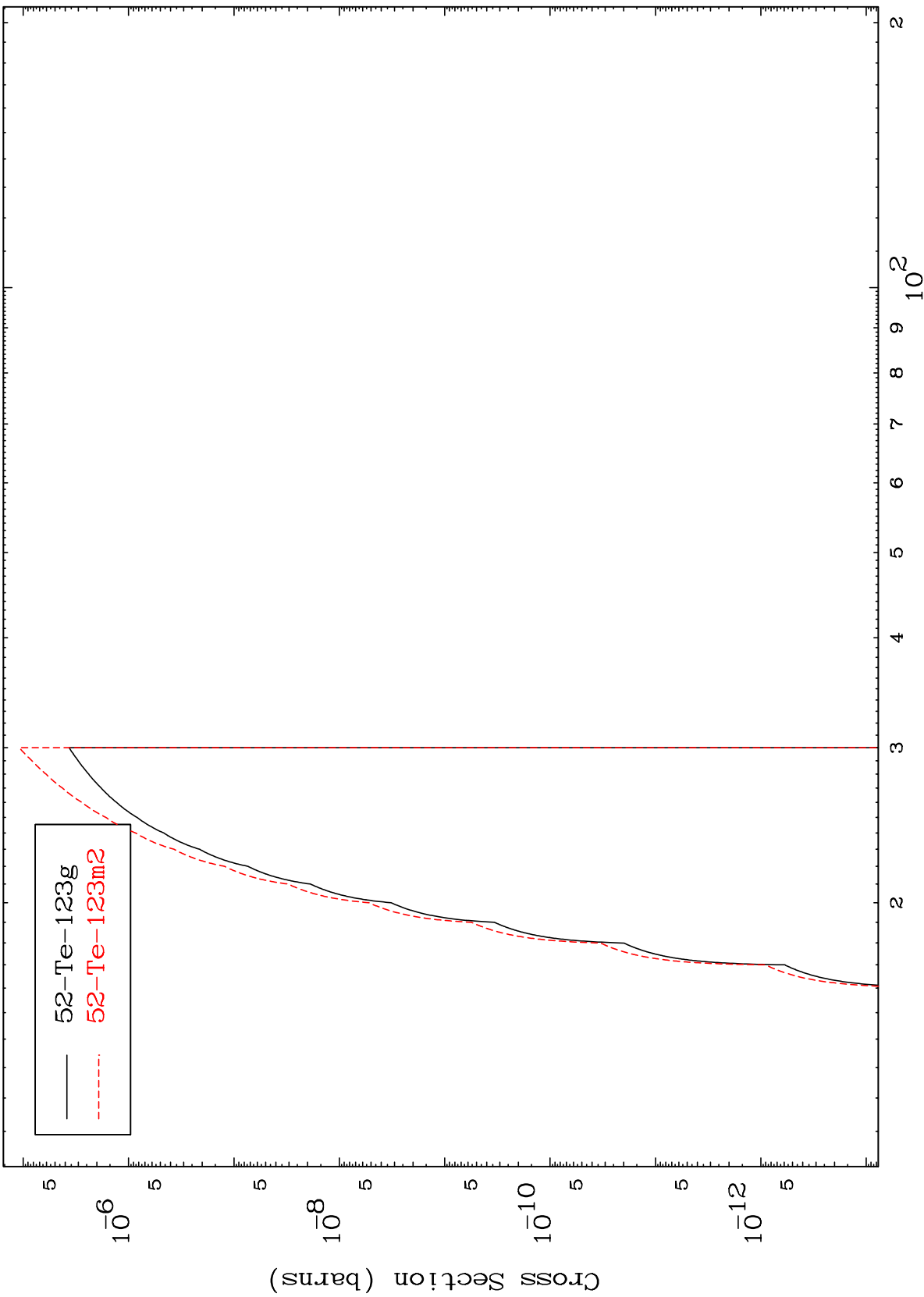
54-Xe-125

MAT 5428

(n,p) d

54-Xe-125

Radionuclide Production Cross Section



123

Incident Energy (MeV)

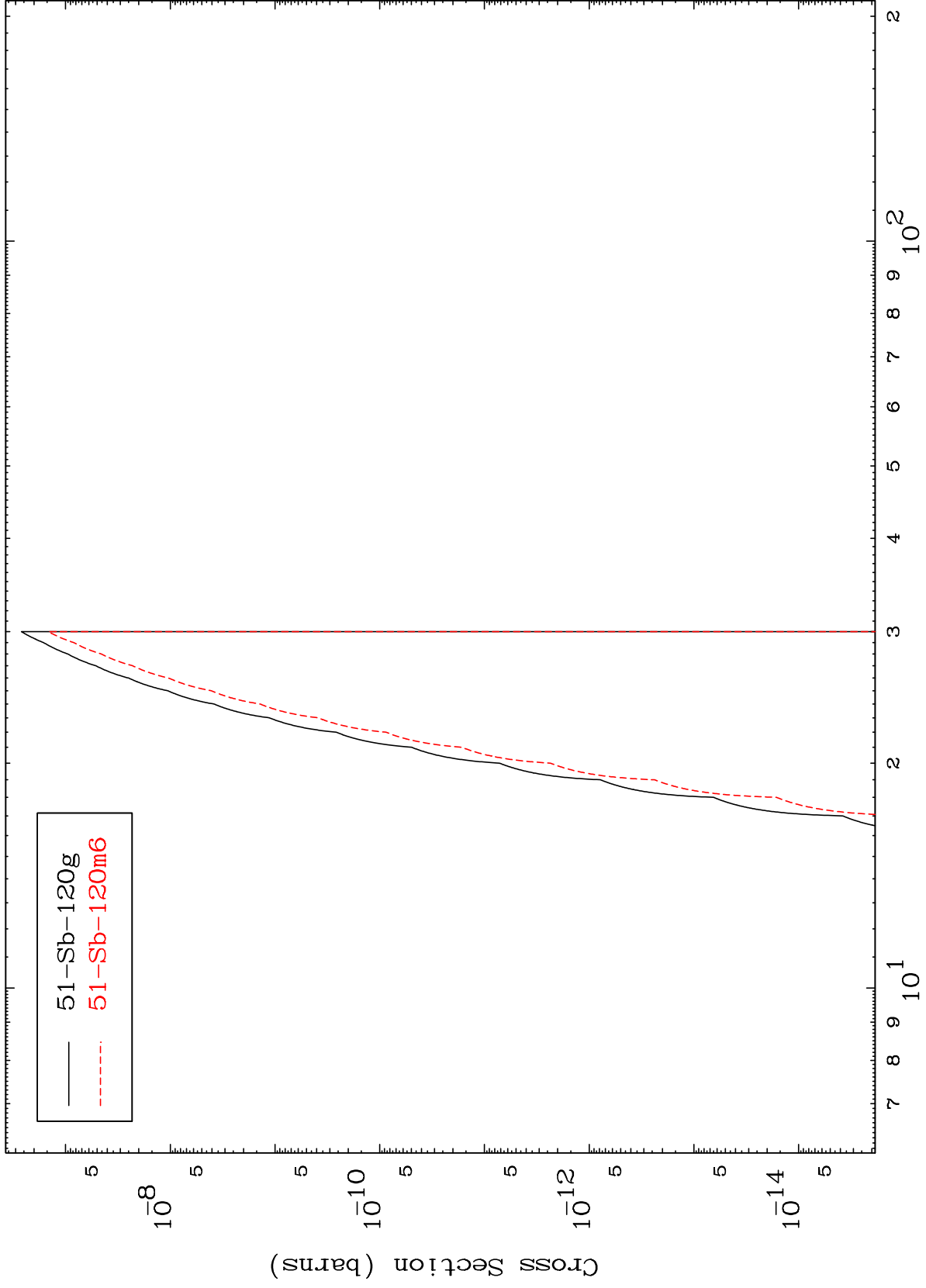
54-Xe-125

MAT 5428

(n,d) α

54-Xe-125

Radionuclide Production Cross Section



124

Incident Energy (MeV)

54-Xe-125