

Program EVALPLOT
(Version 2021-1)

by

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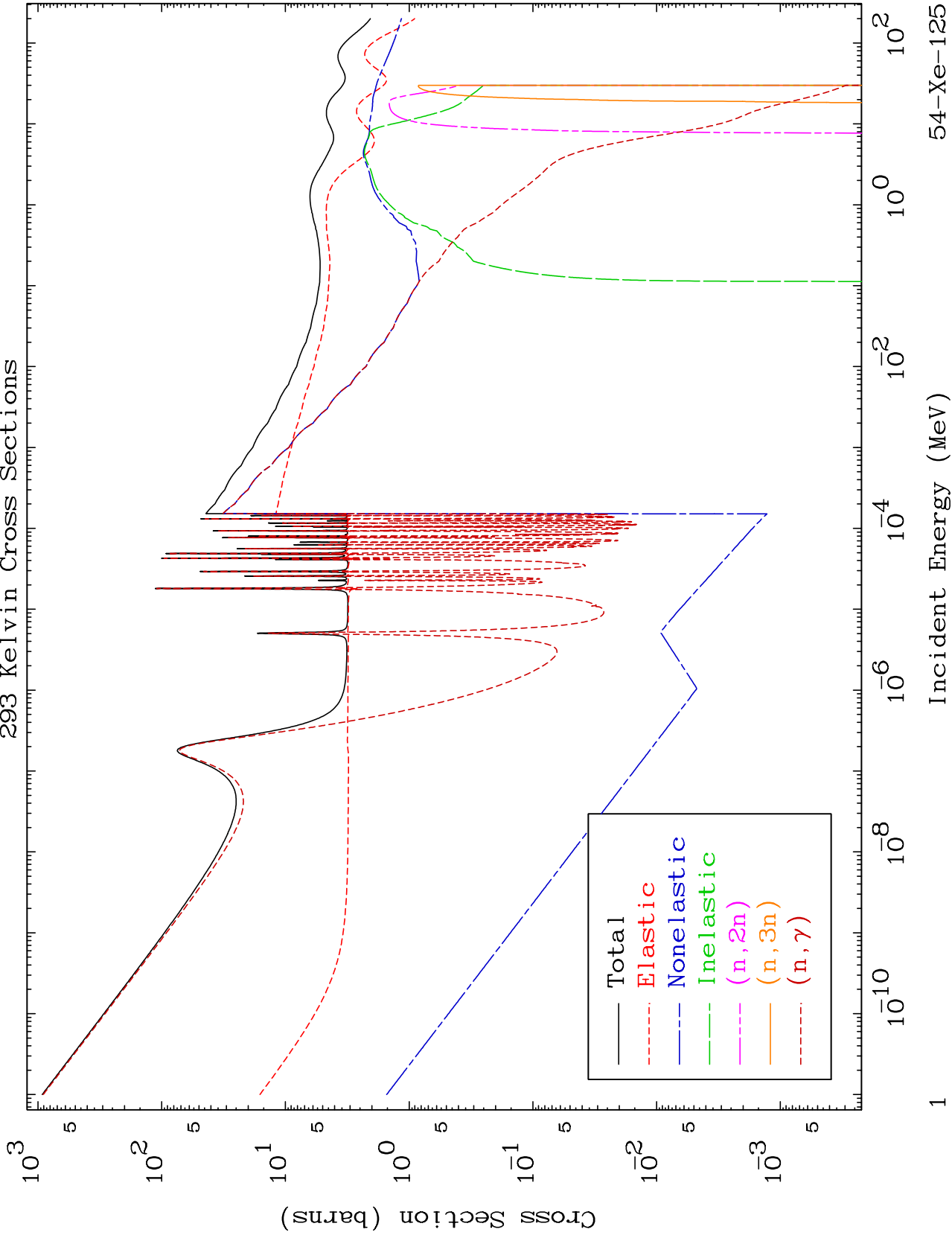
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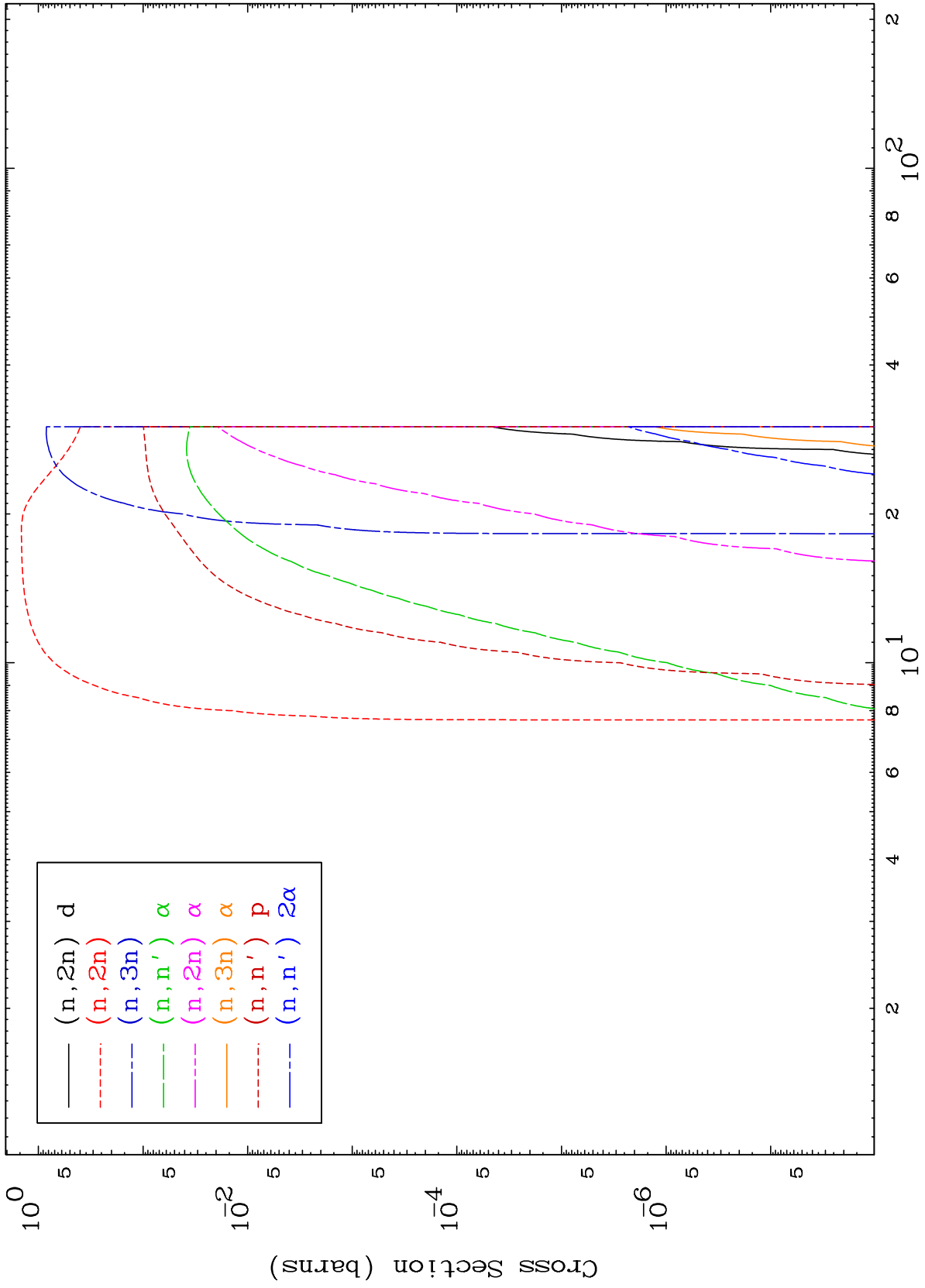
Press Mouse Button to Start

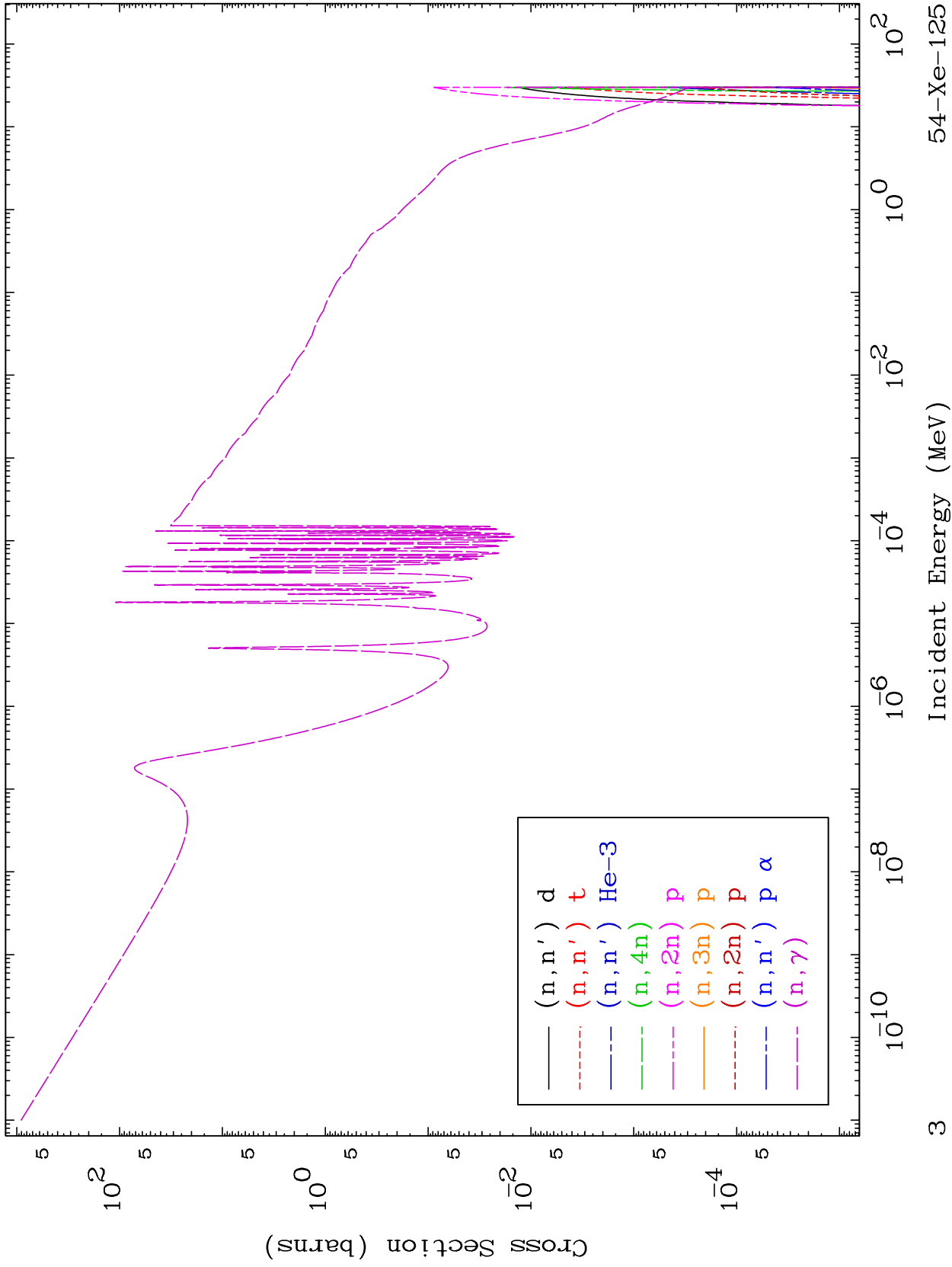
MAT 5428

Neutron Major
293 Kelvin Cross Sections

54-Xe-125



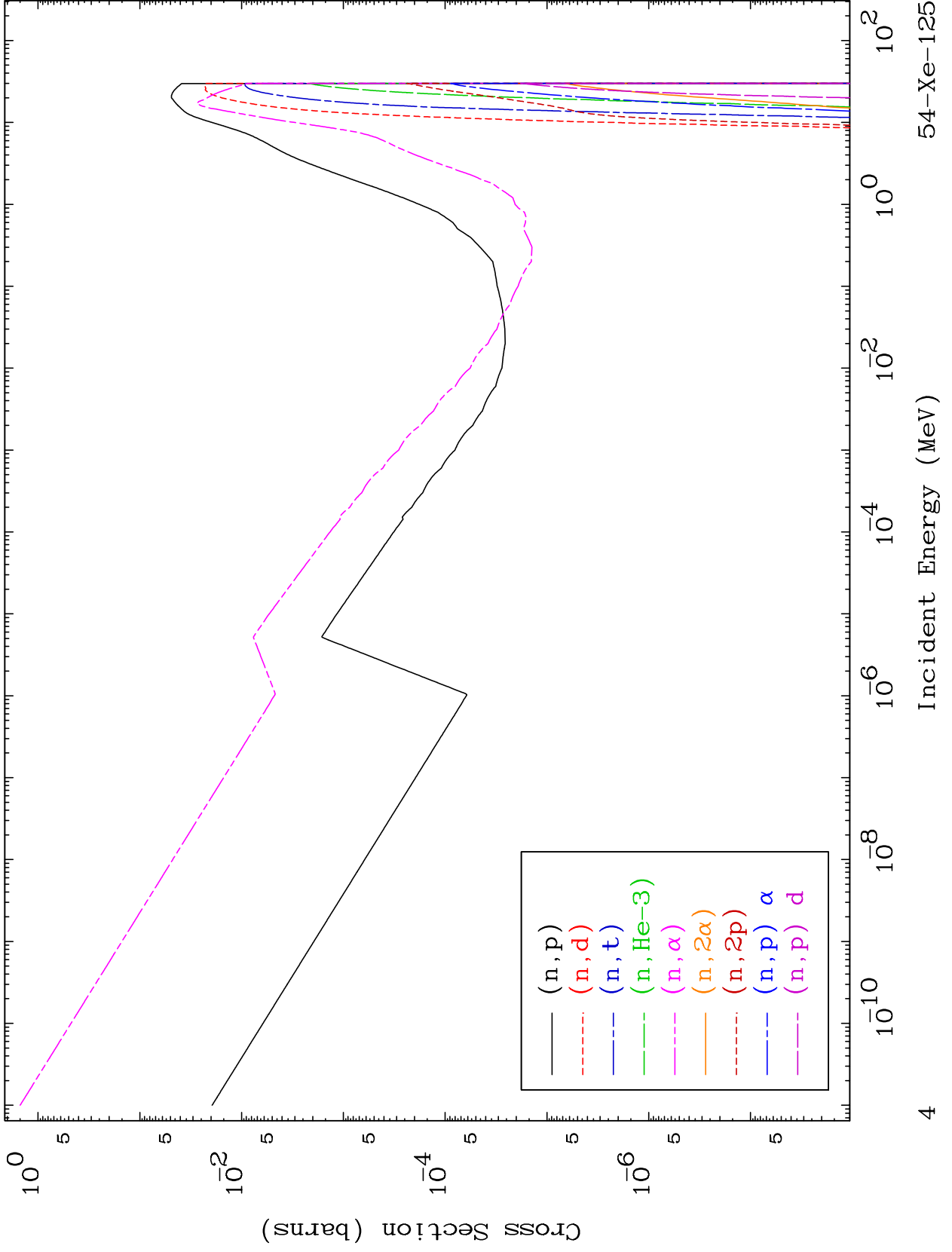


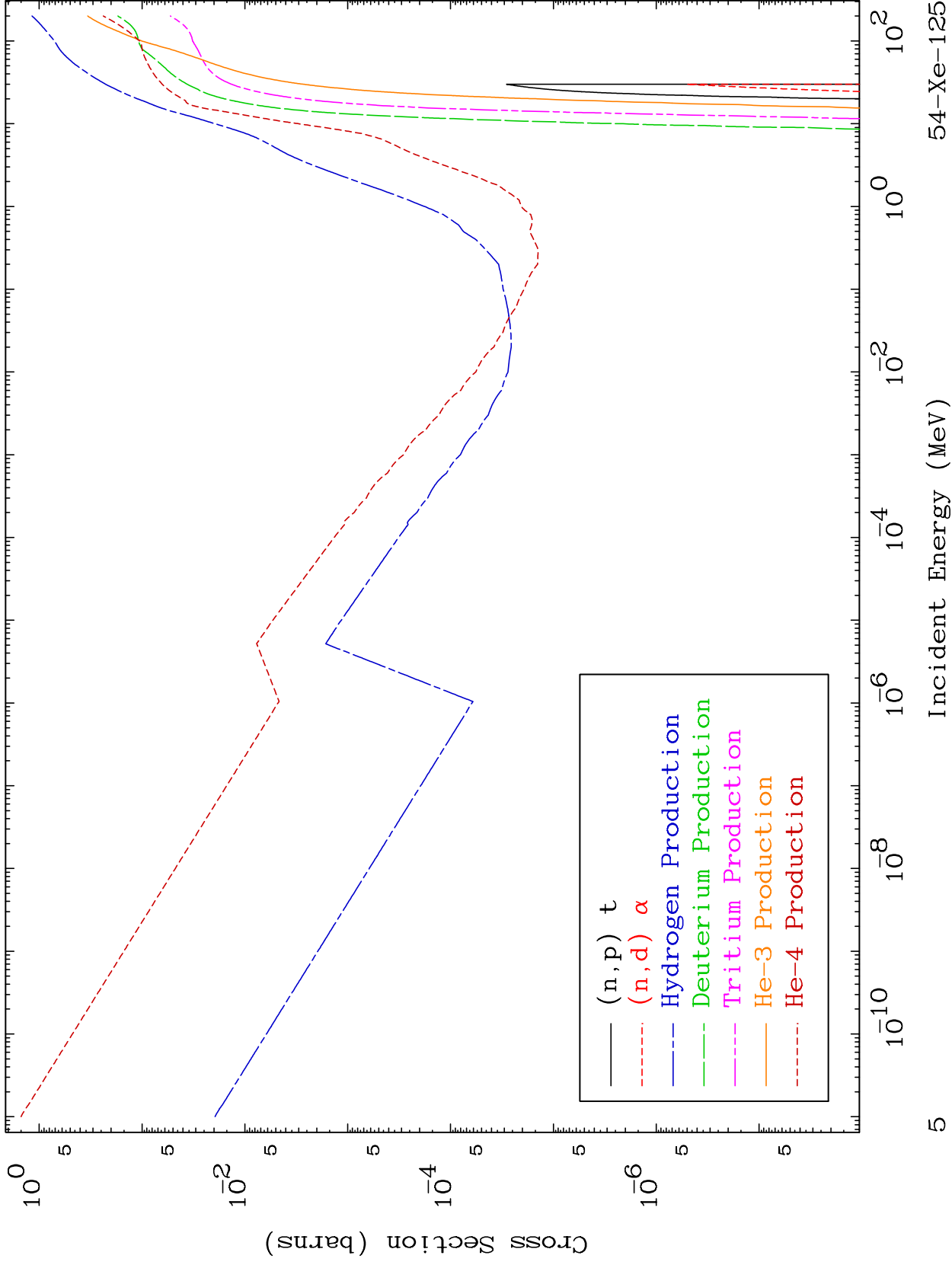


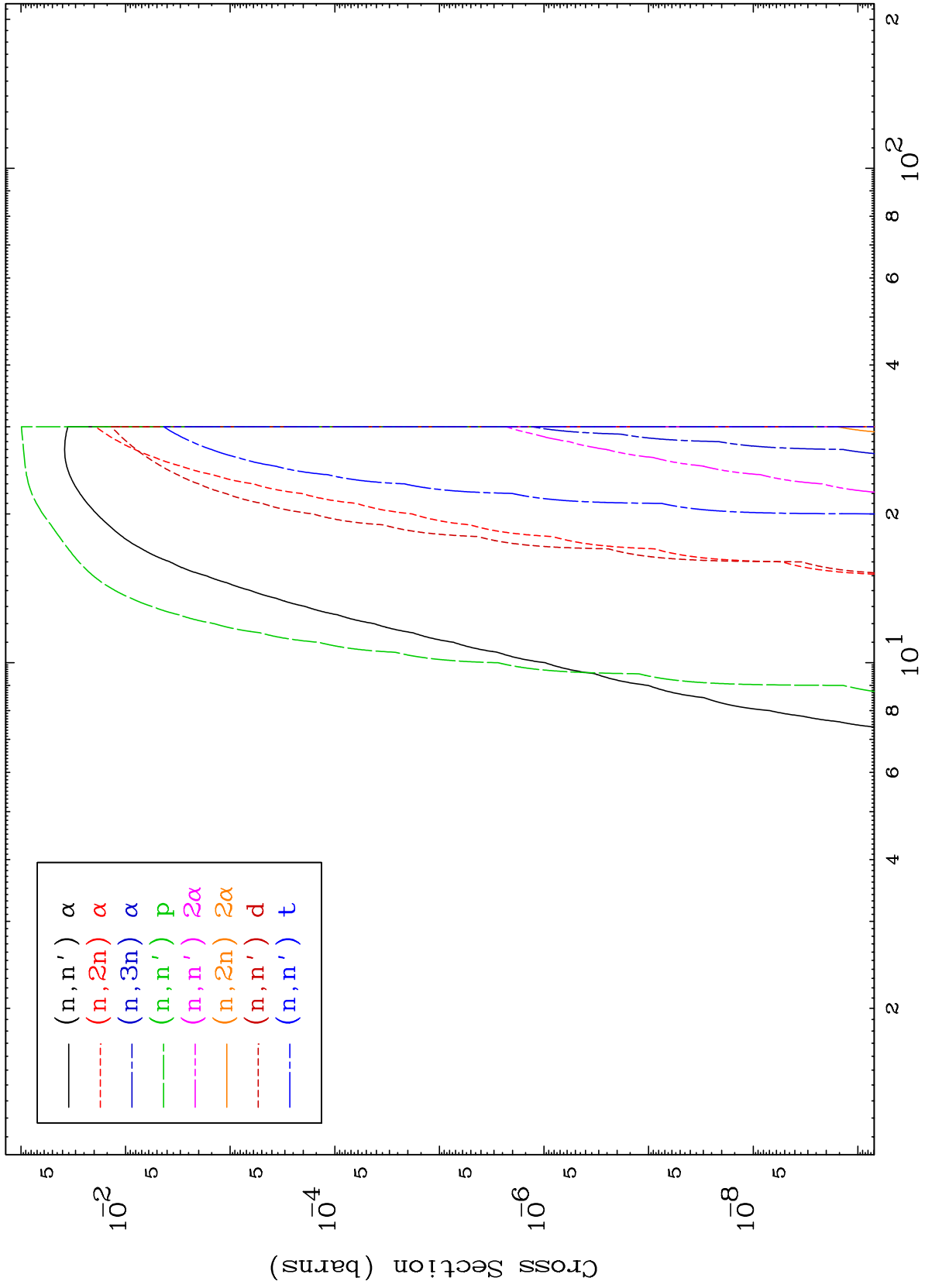
MAT 5428

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-125



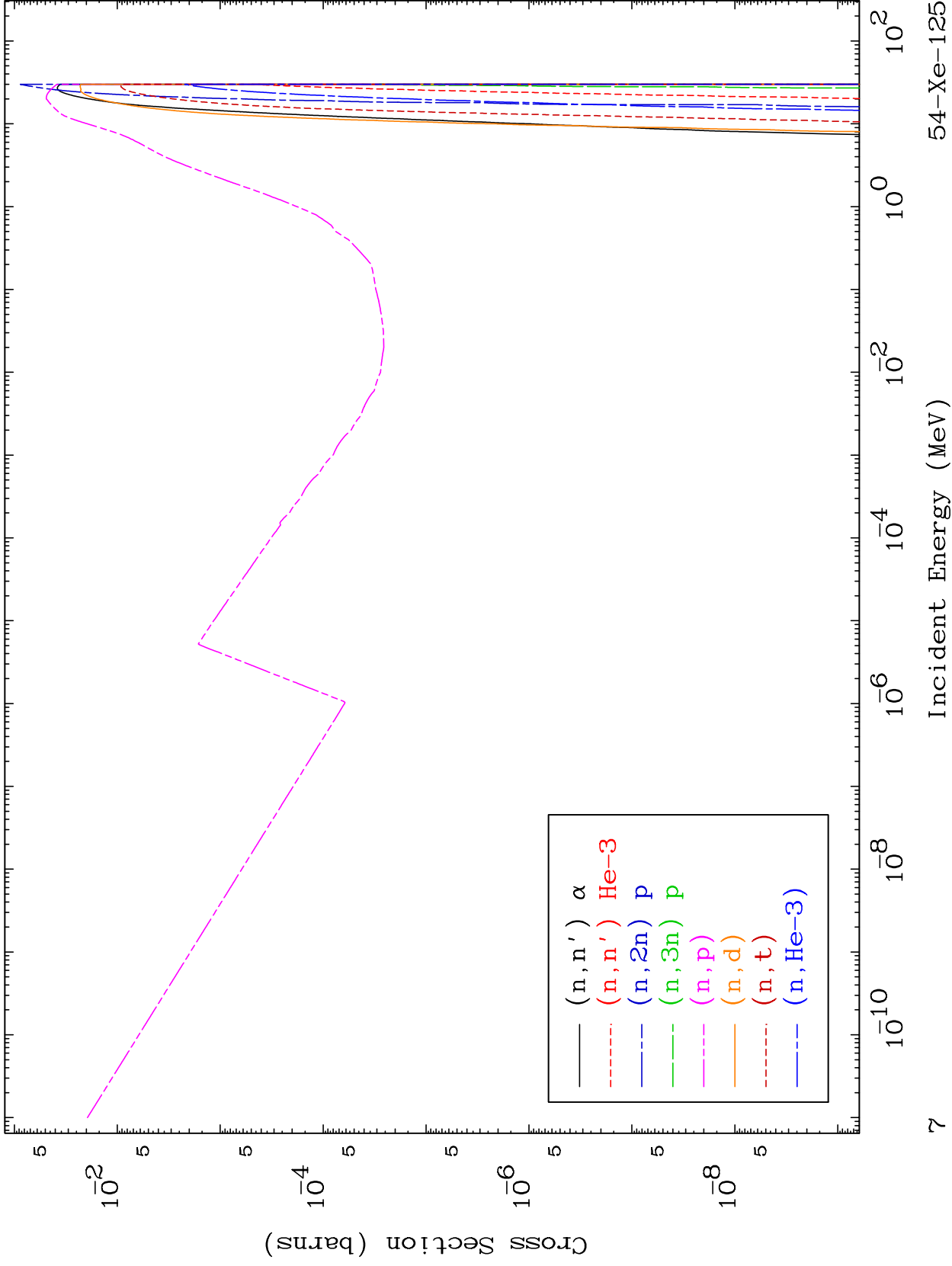




MAT 5428

Charged Particle
293 Kelvin Cross Sections

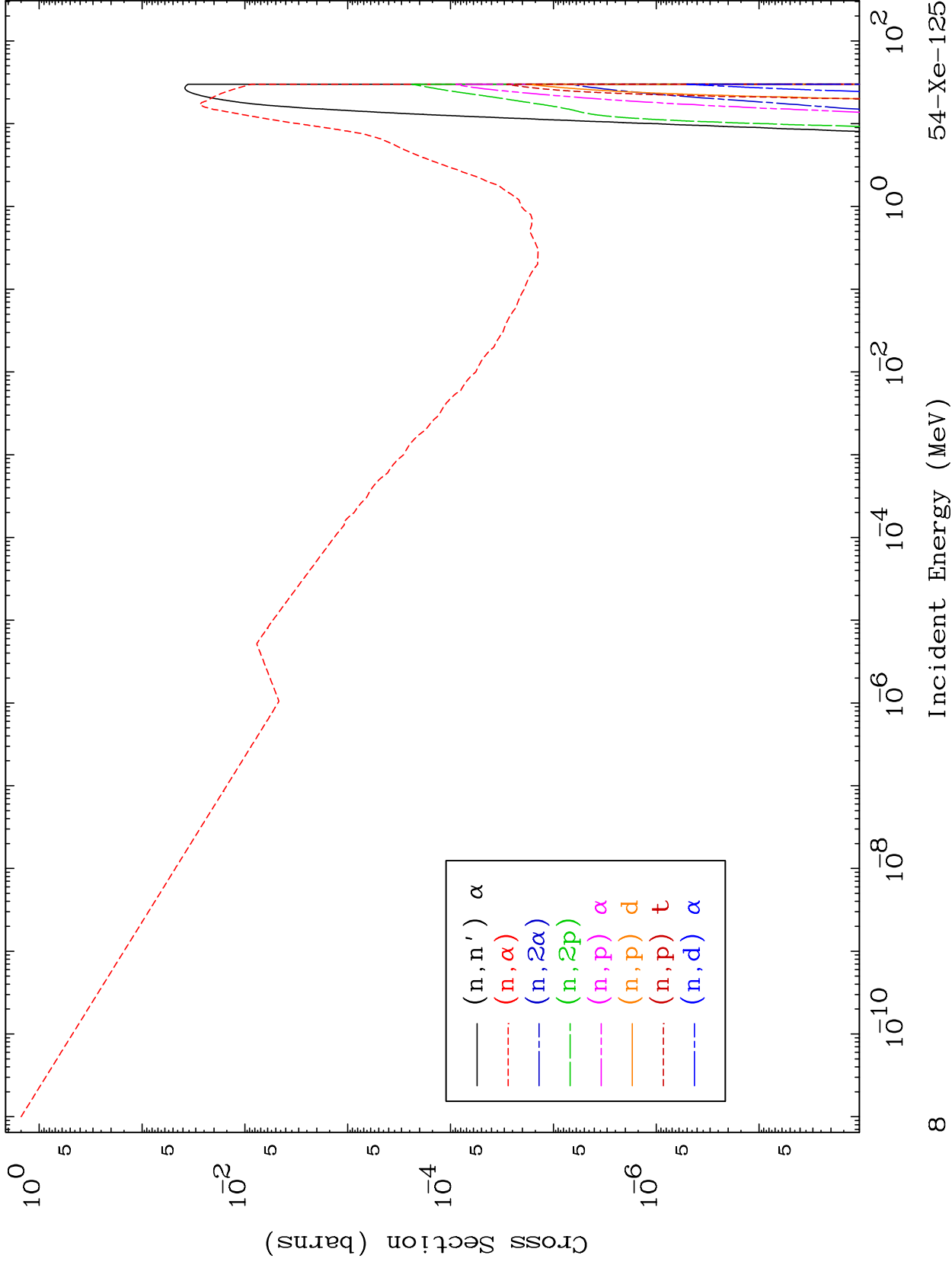
54-Xe-125



MAT 5428

Charged Particle
293 Kelvin Cross Sections

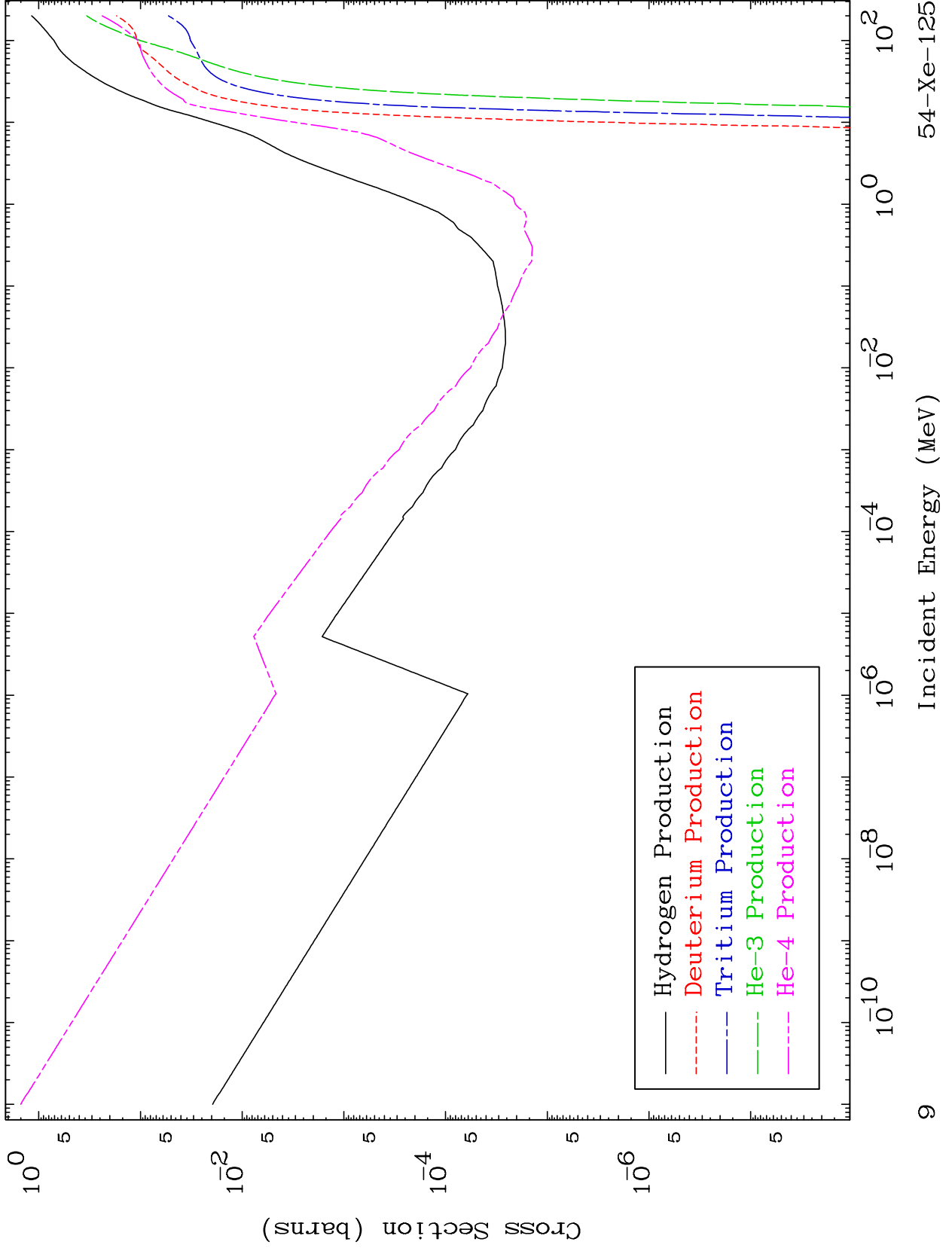
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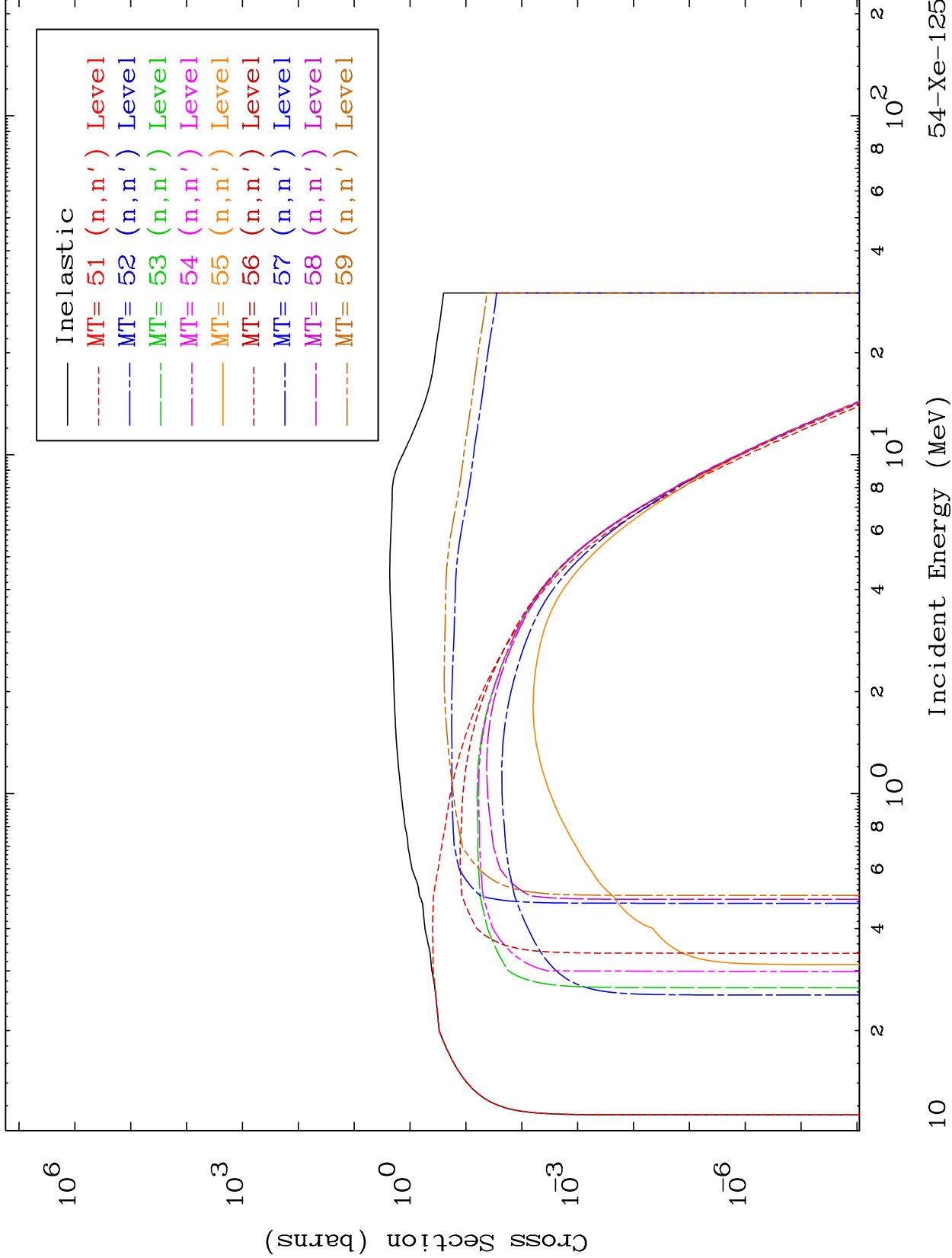


MAT 5428

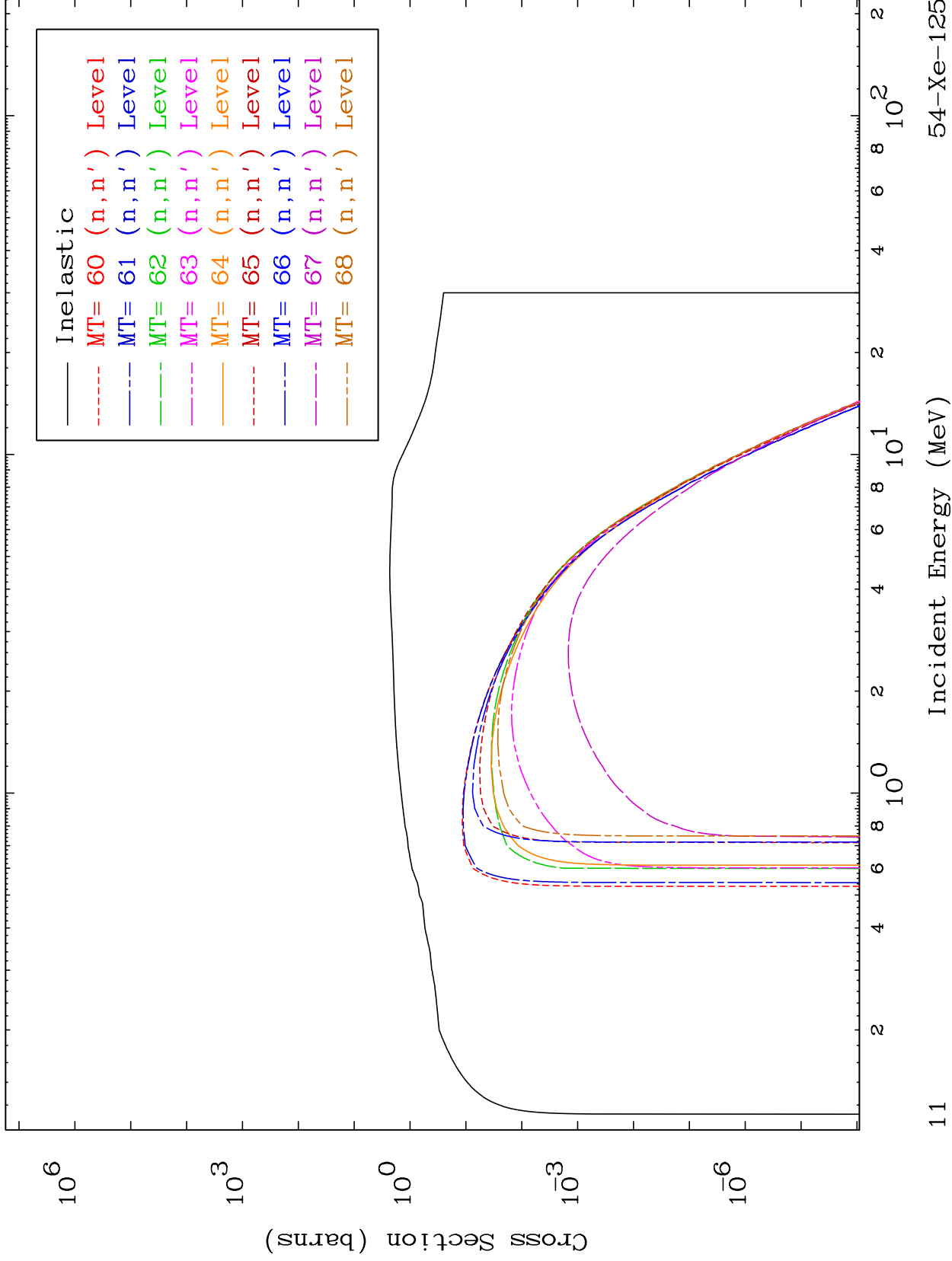
Particle Production
293 Kelvin Cross Sections

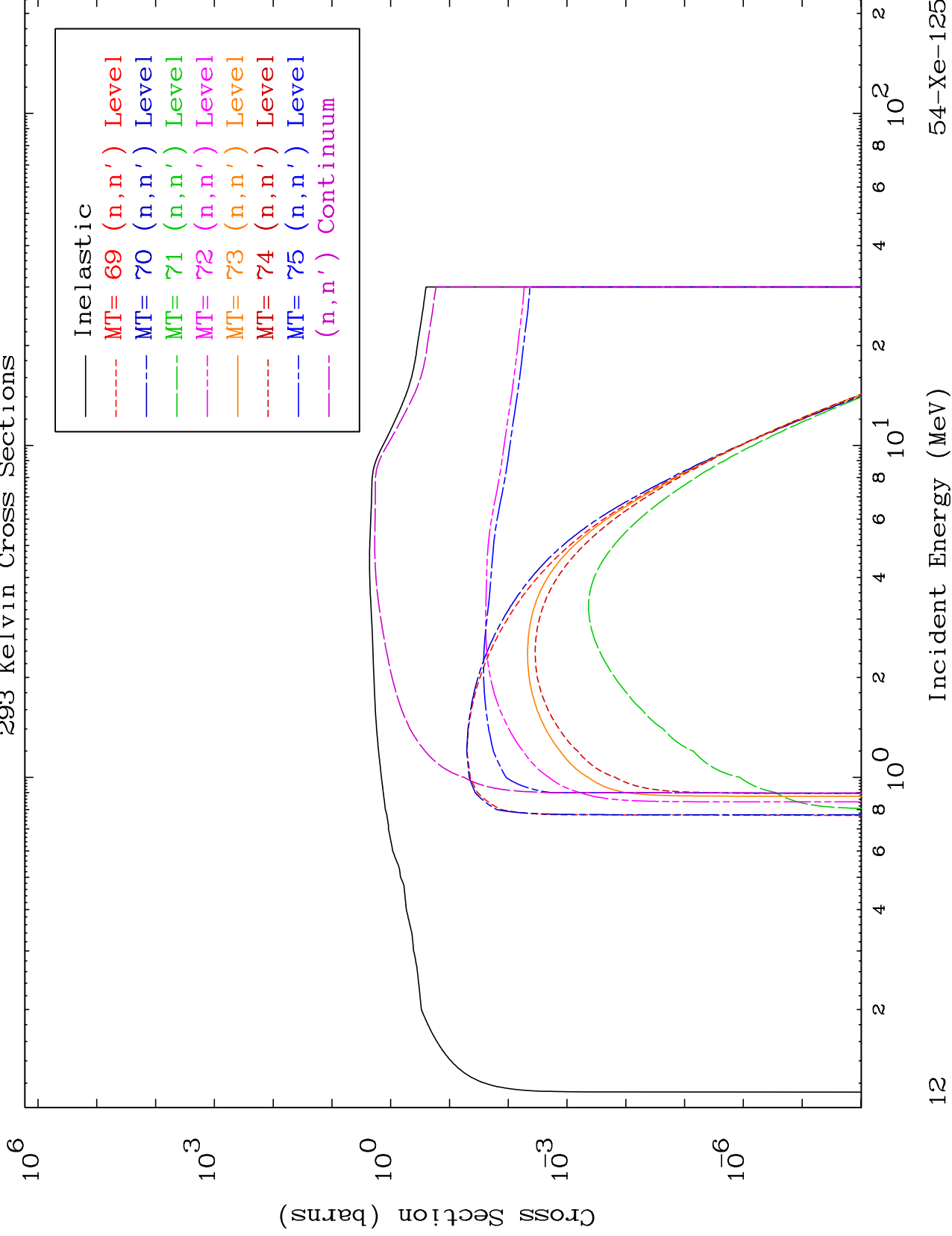
54-Xe-125





293 Kelvin Cross Sections

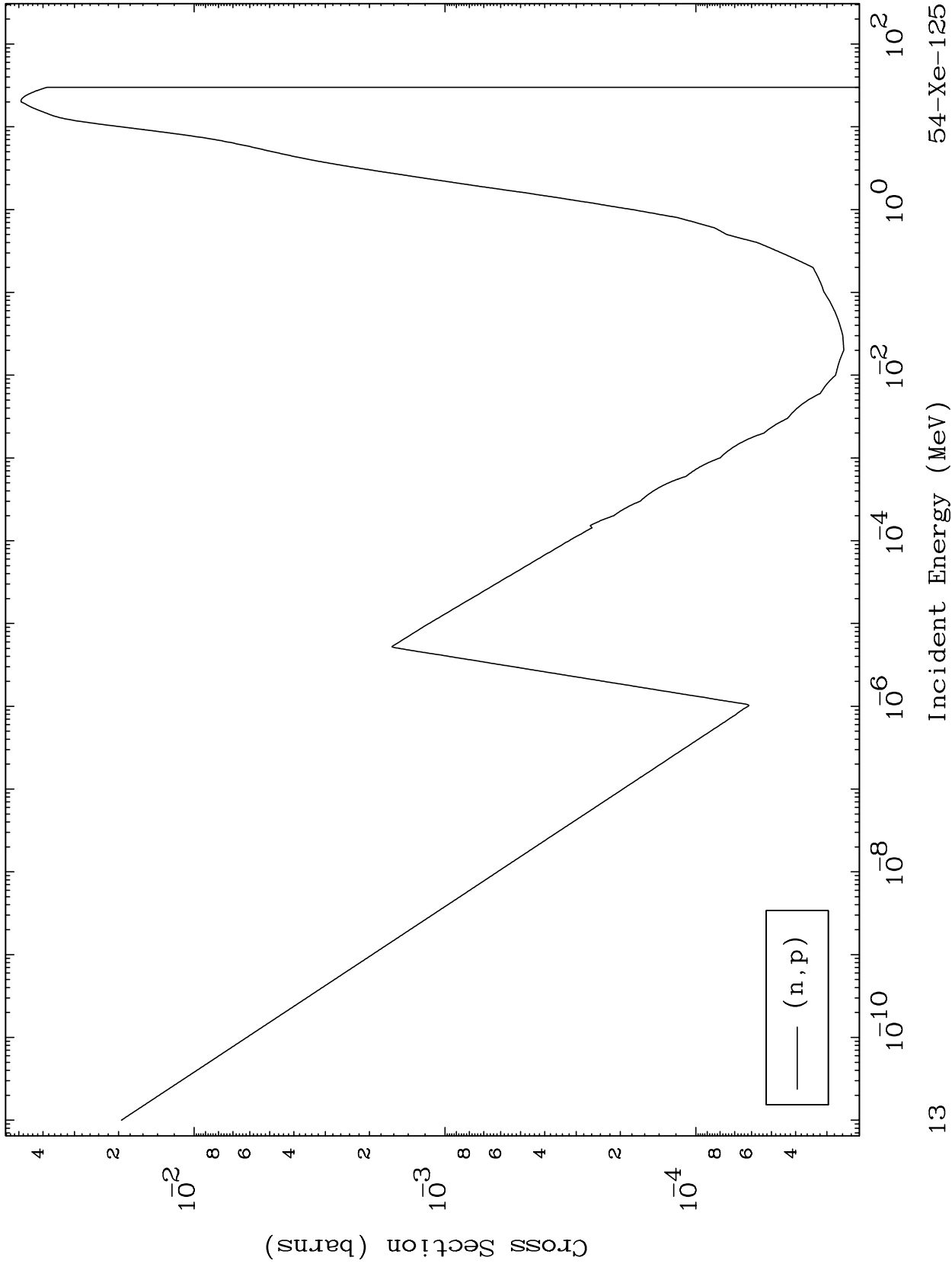




MAT 5428

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-125



13

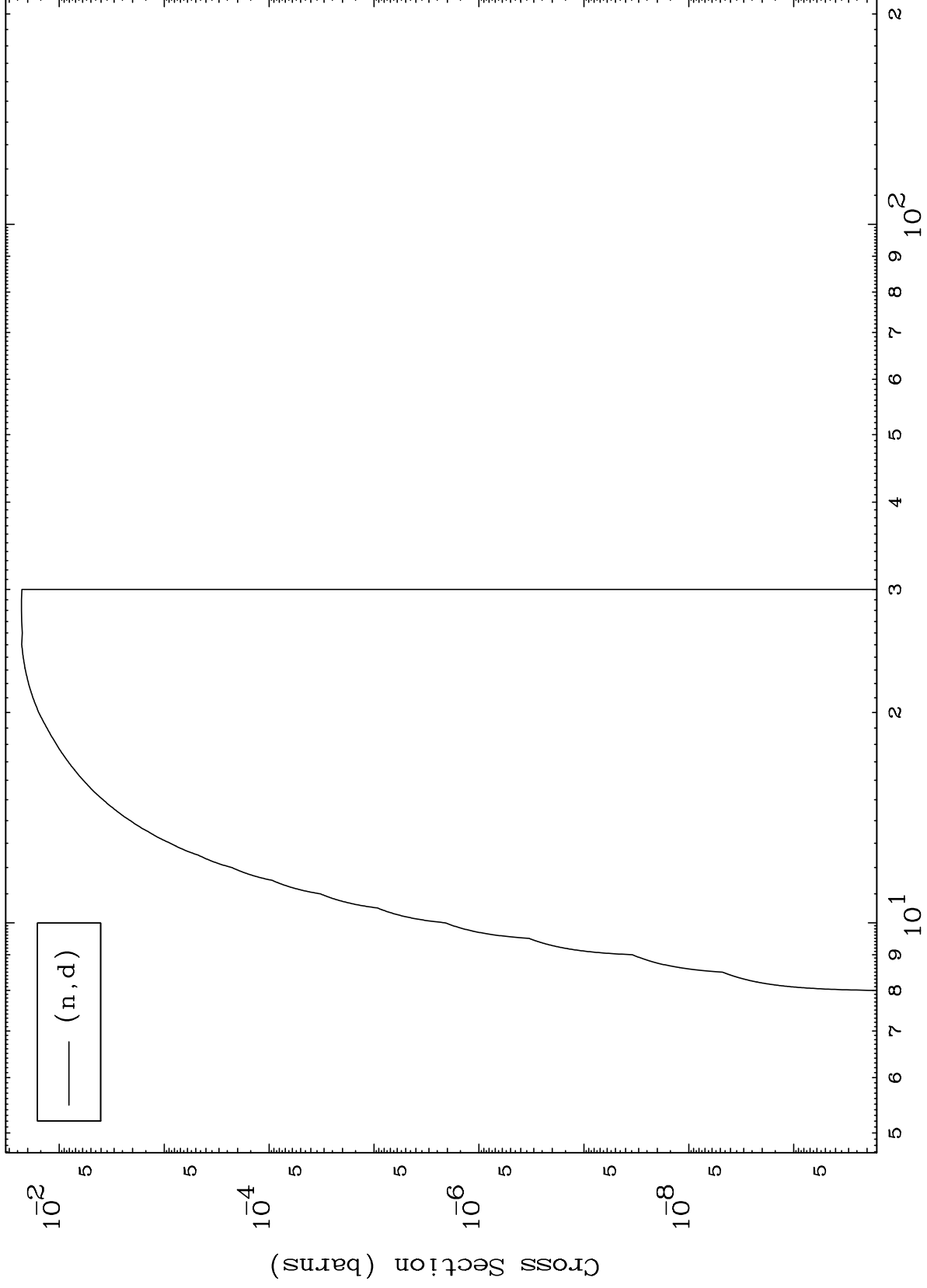
Incident Energy (MeV)

54-Xe-125

MAT 5428

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-125



14

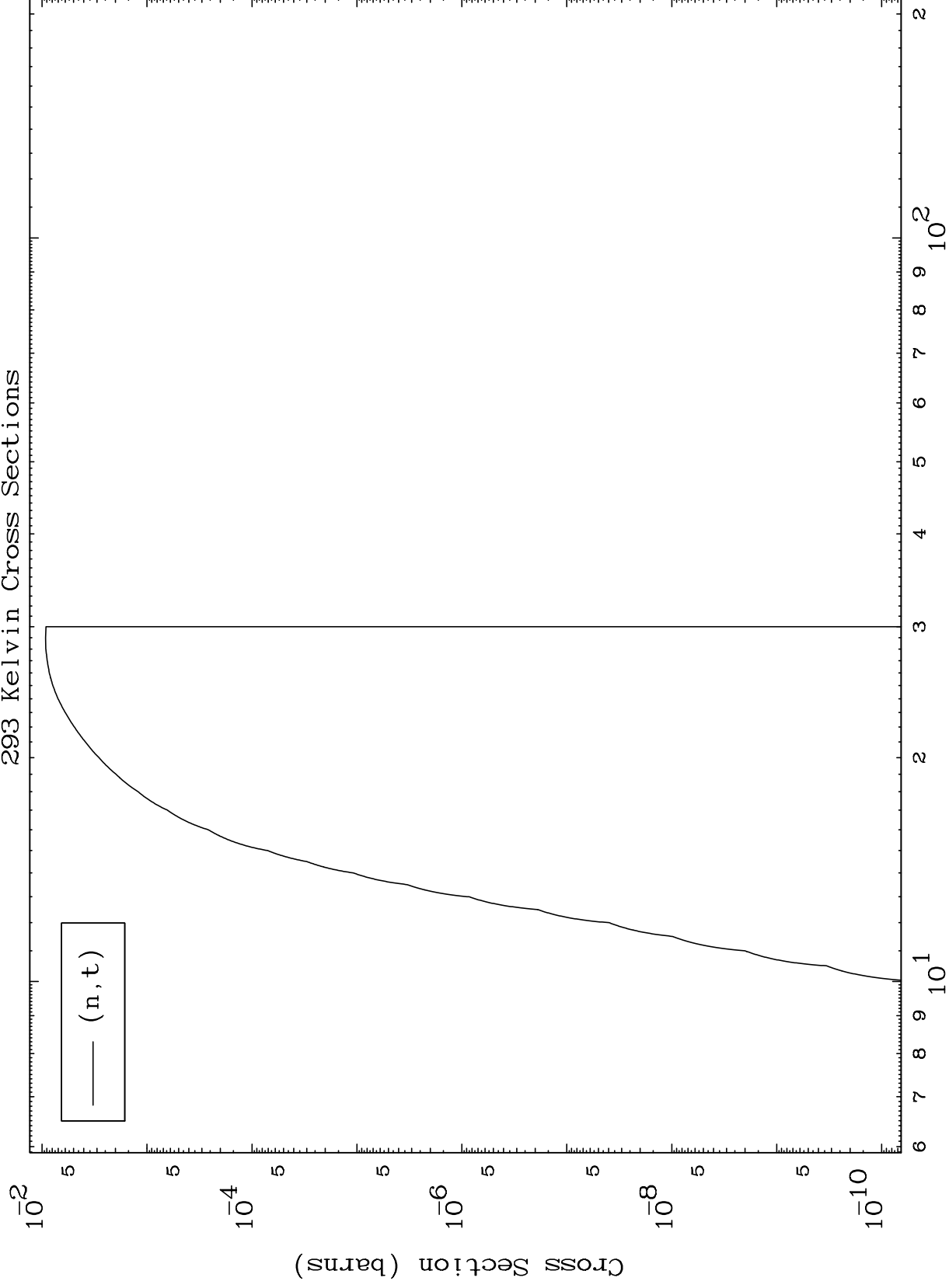
Incident Energy (MeV)

54-Xe-125

MAT 5428

(n,t) Levels
293 Kelvin Cross Sections

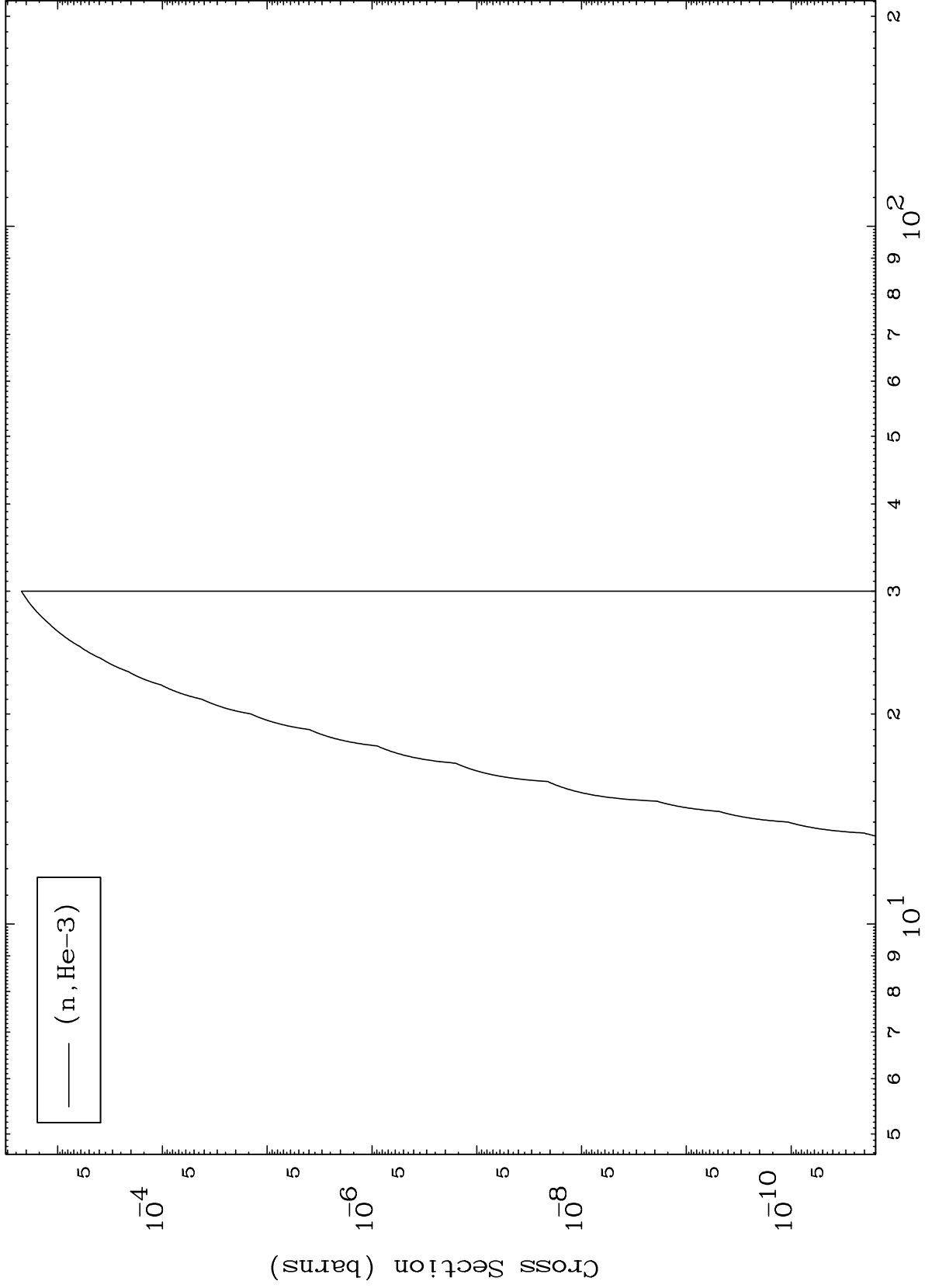
54-Xe-125



15

Incident Energy (MeV)

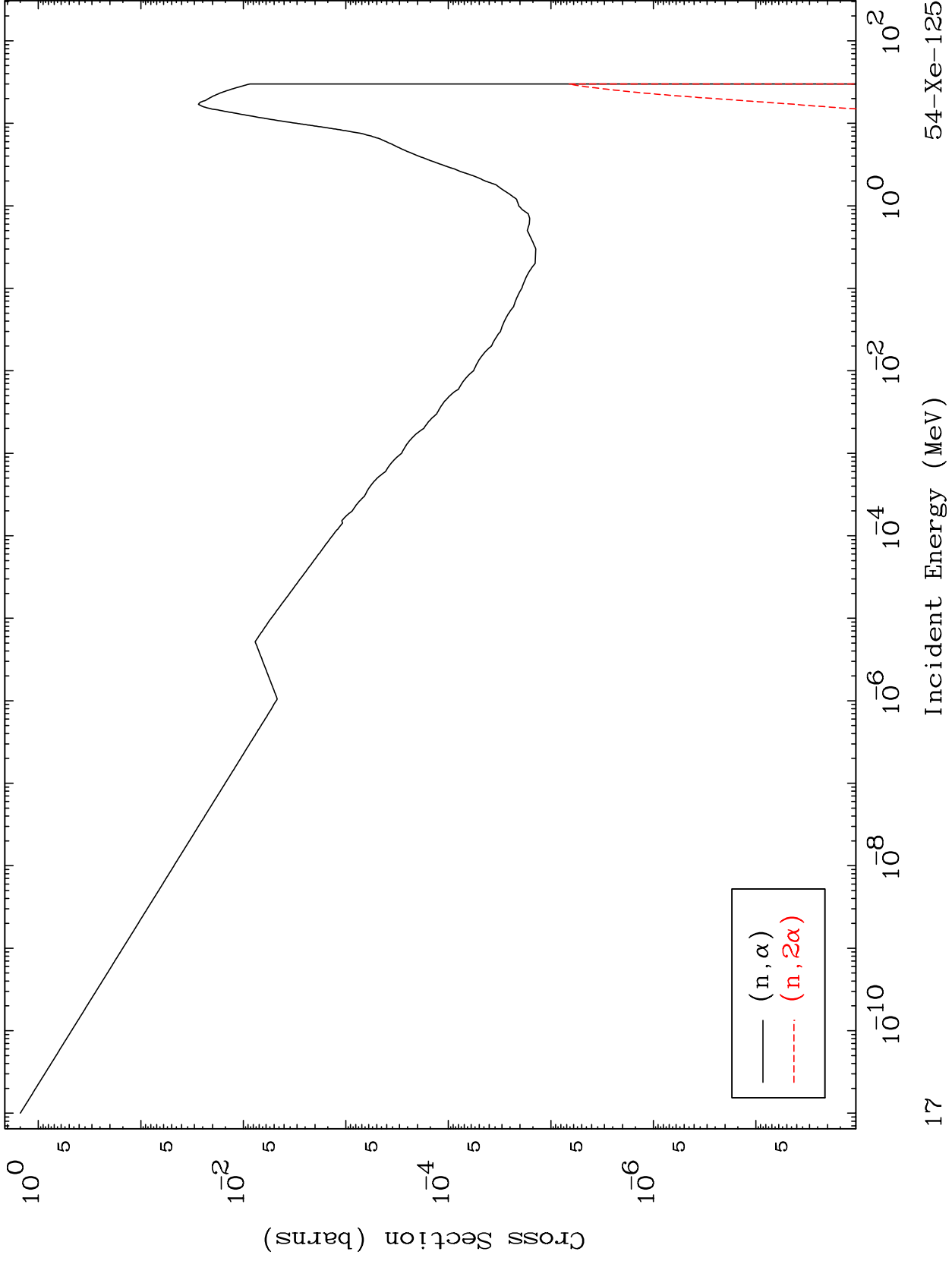
54-Xe-125



MAT 5428

(n,α) Levels
293 Kelvin Cross Sections

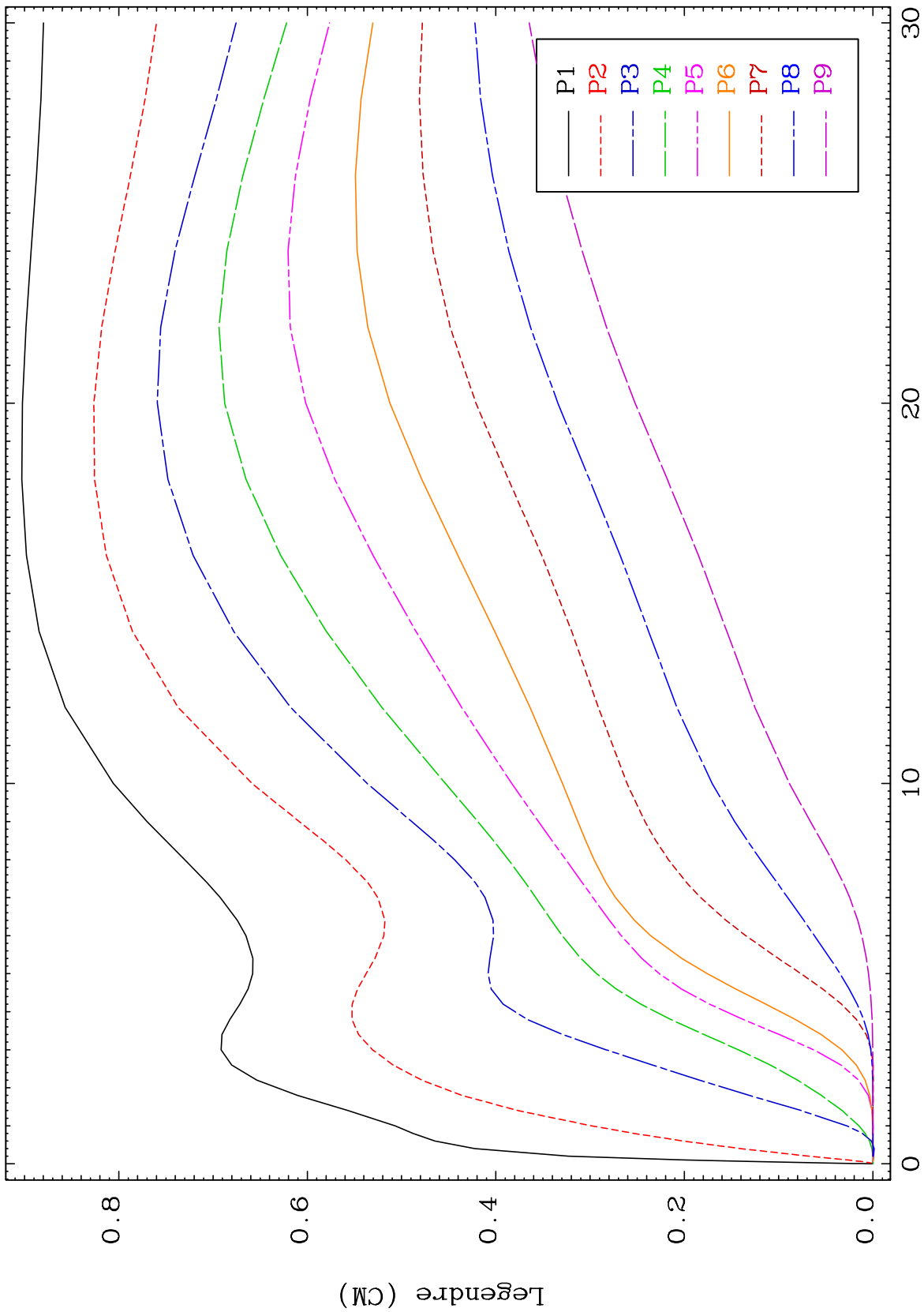
54-Xe-125



MAT 5428

54-Xe-125

Elastic Legendre Coefficients



54-Xe-125

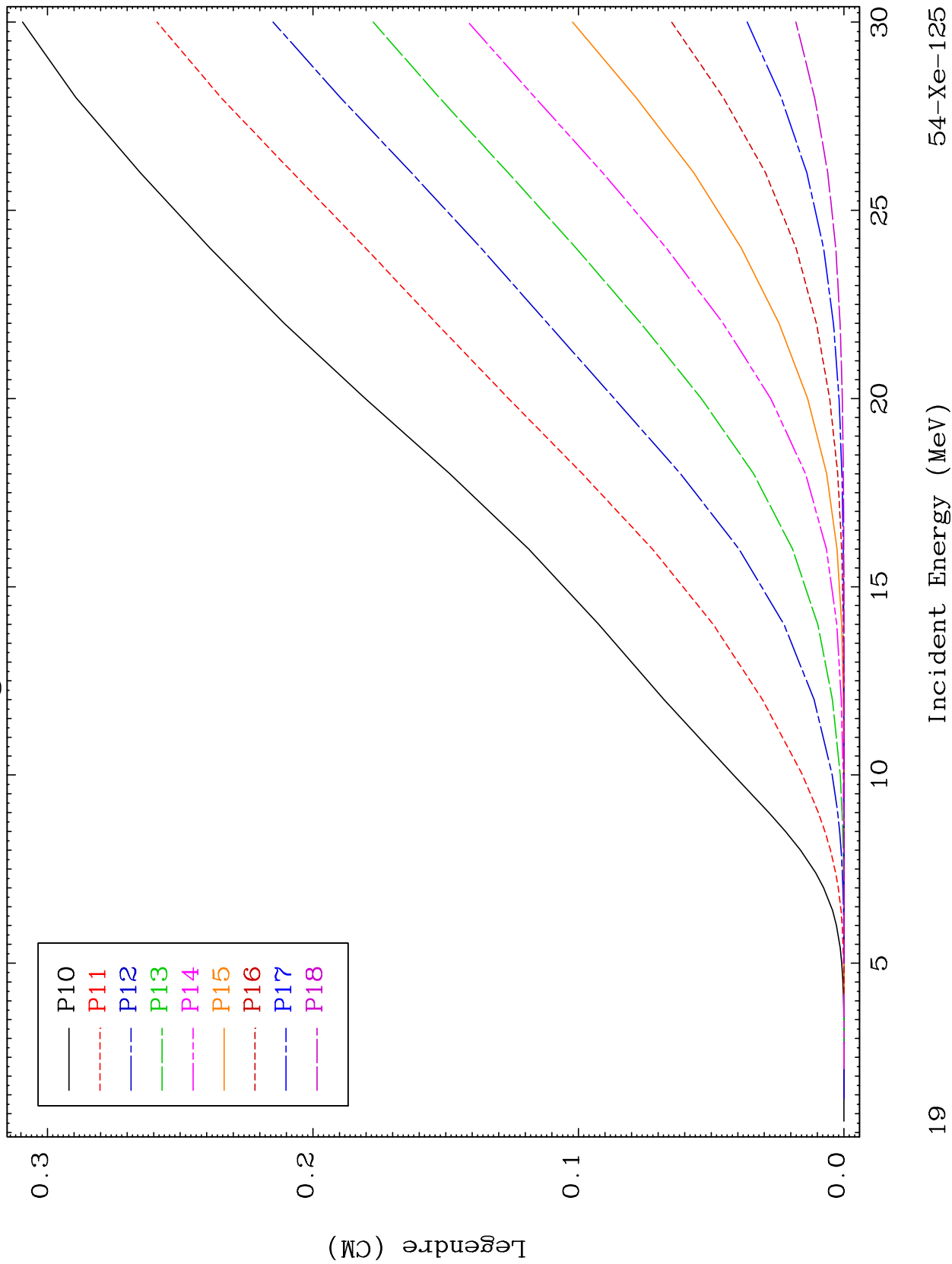
Incident Energy (MeV)

18

MAT 5428

Elastic Legendre Coefficients

54-Xe-125



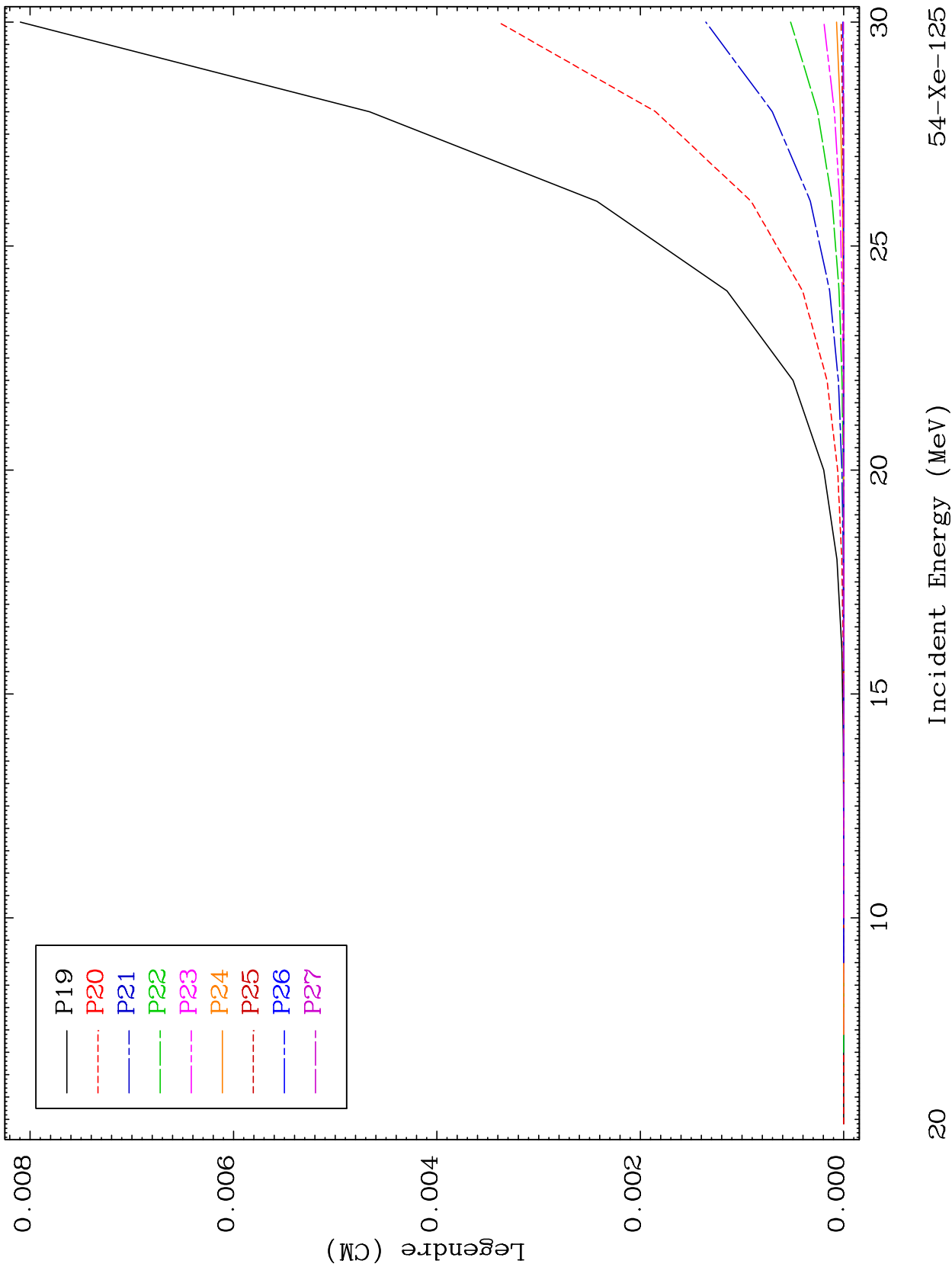
19

54-Xe-125

MAT 5428

Elastic
Legendre Coefficients

54-Xe-125



20

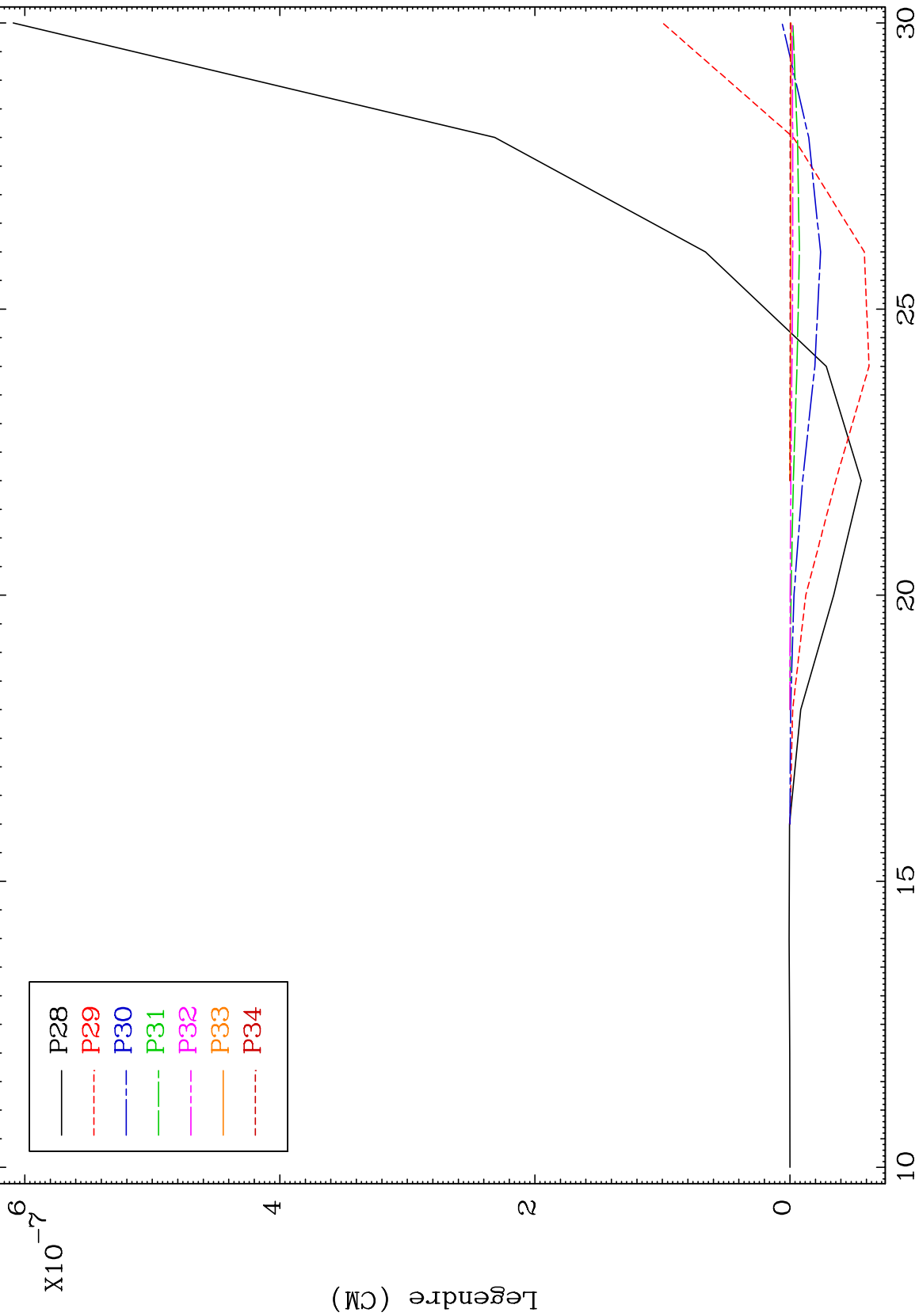
Incident Energy (MeV)

54-Xe-125

MAT 5428

Elastic
Legendre Coefficients

54-Xe-125



21

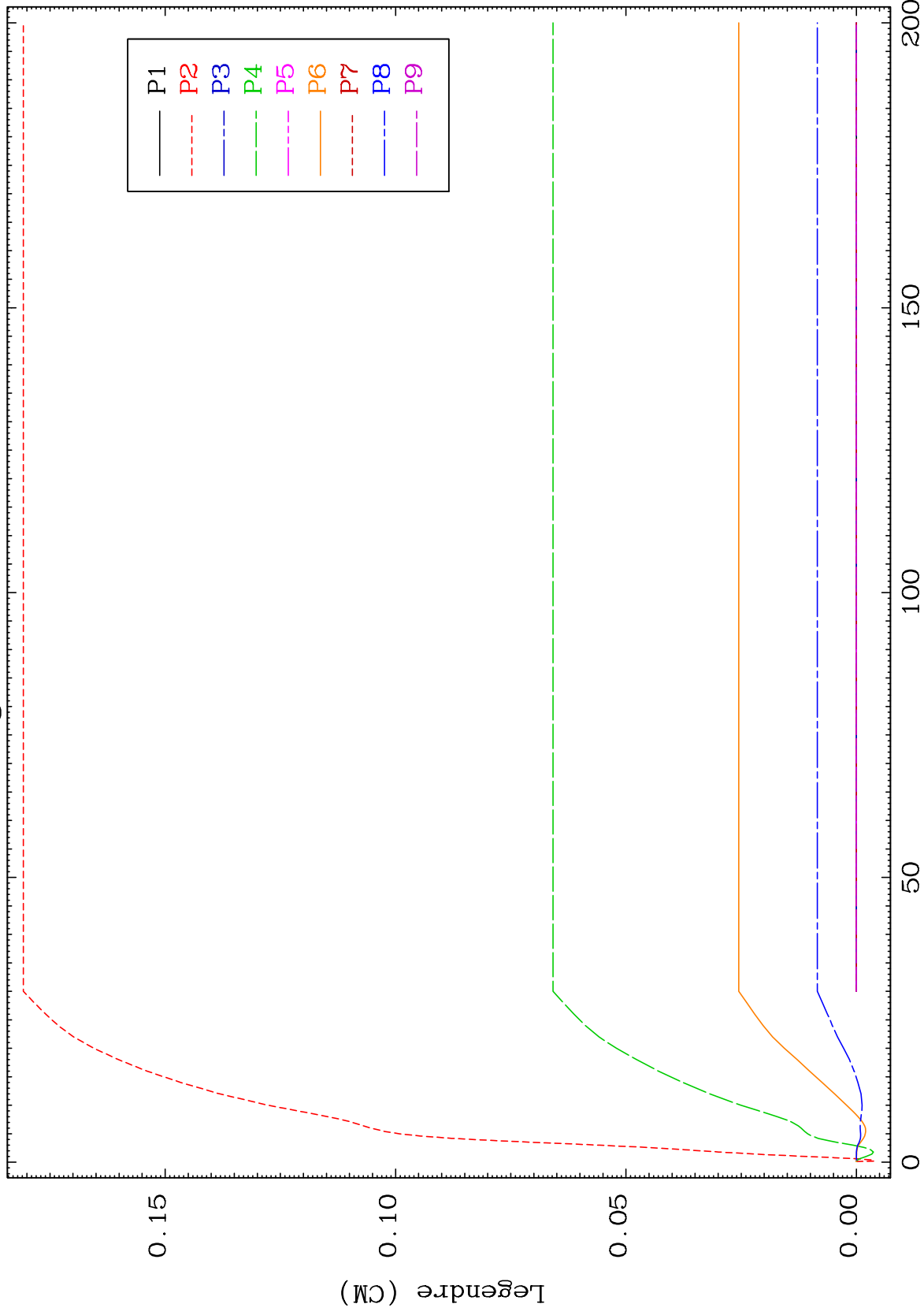
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

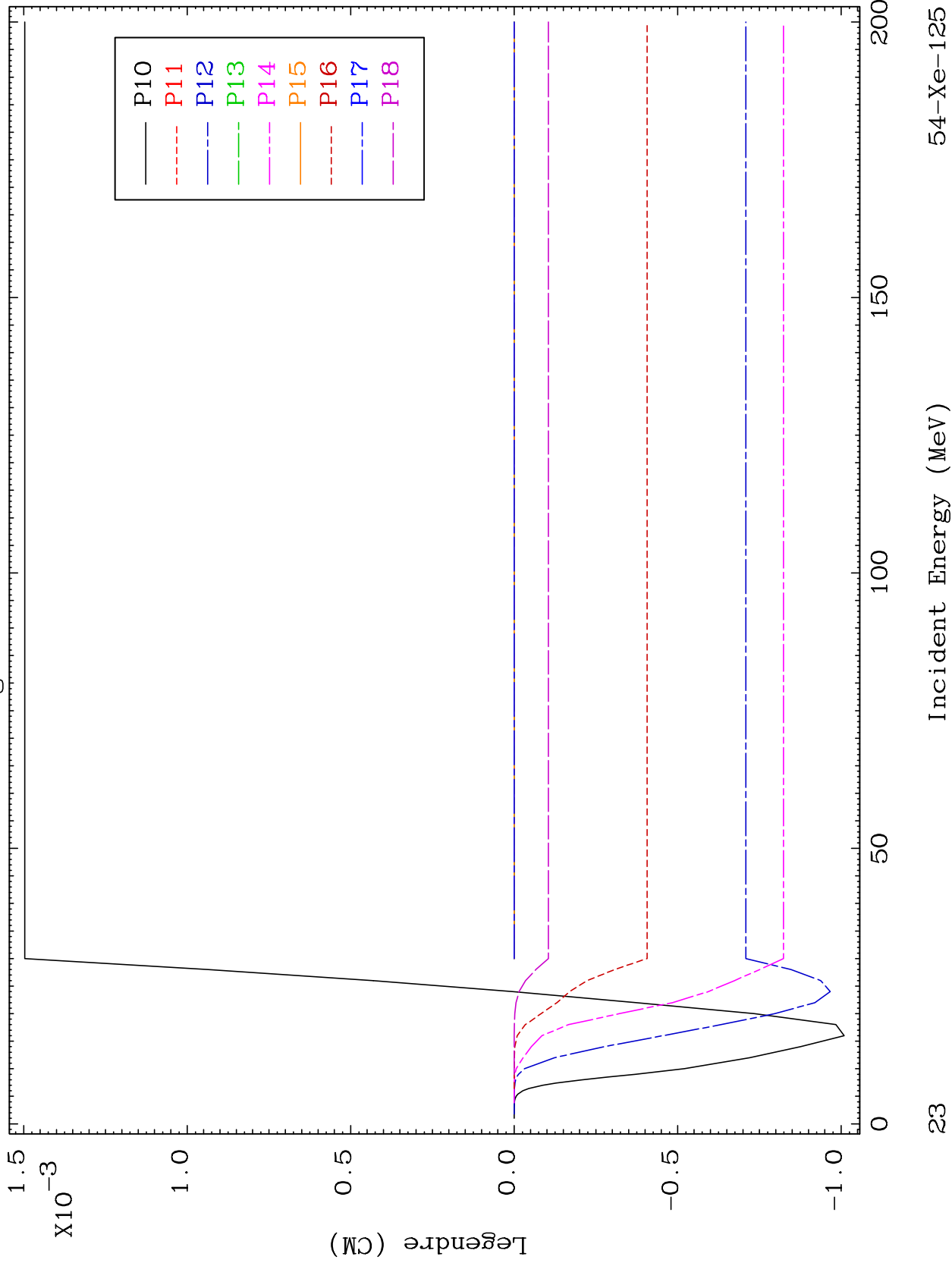
54-Xe-125



22

Incident Energy (MeV)

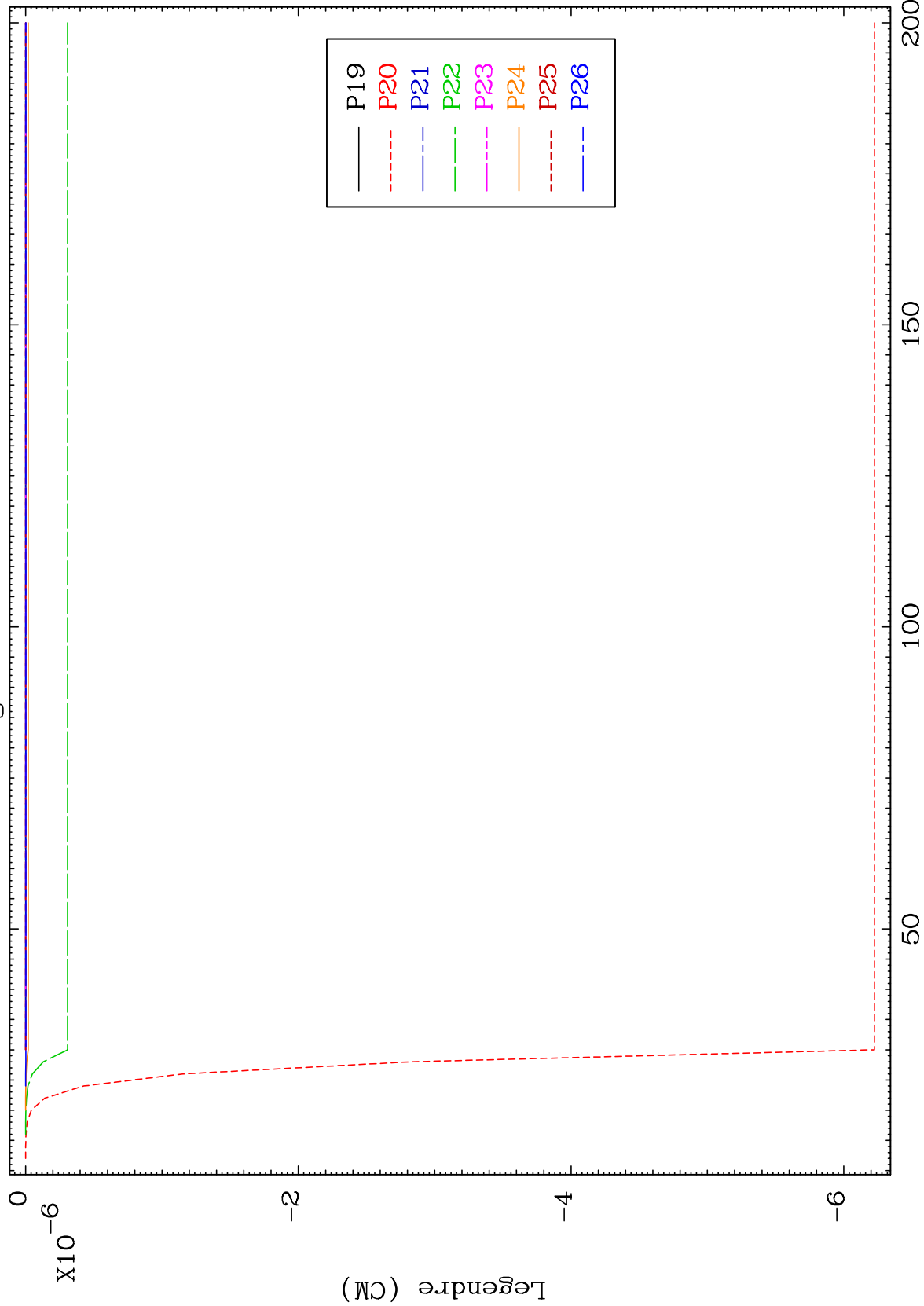
54-Xe-125



MAT 5428

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

54-Xe-125



54-Xe-125

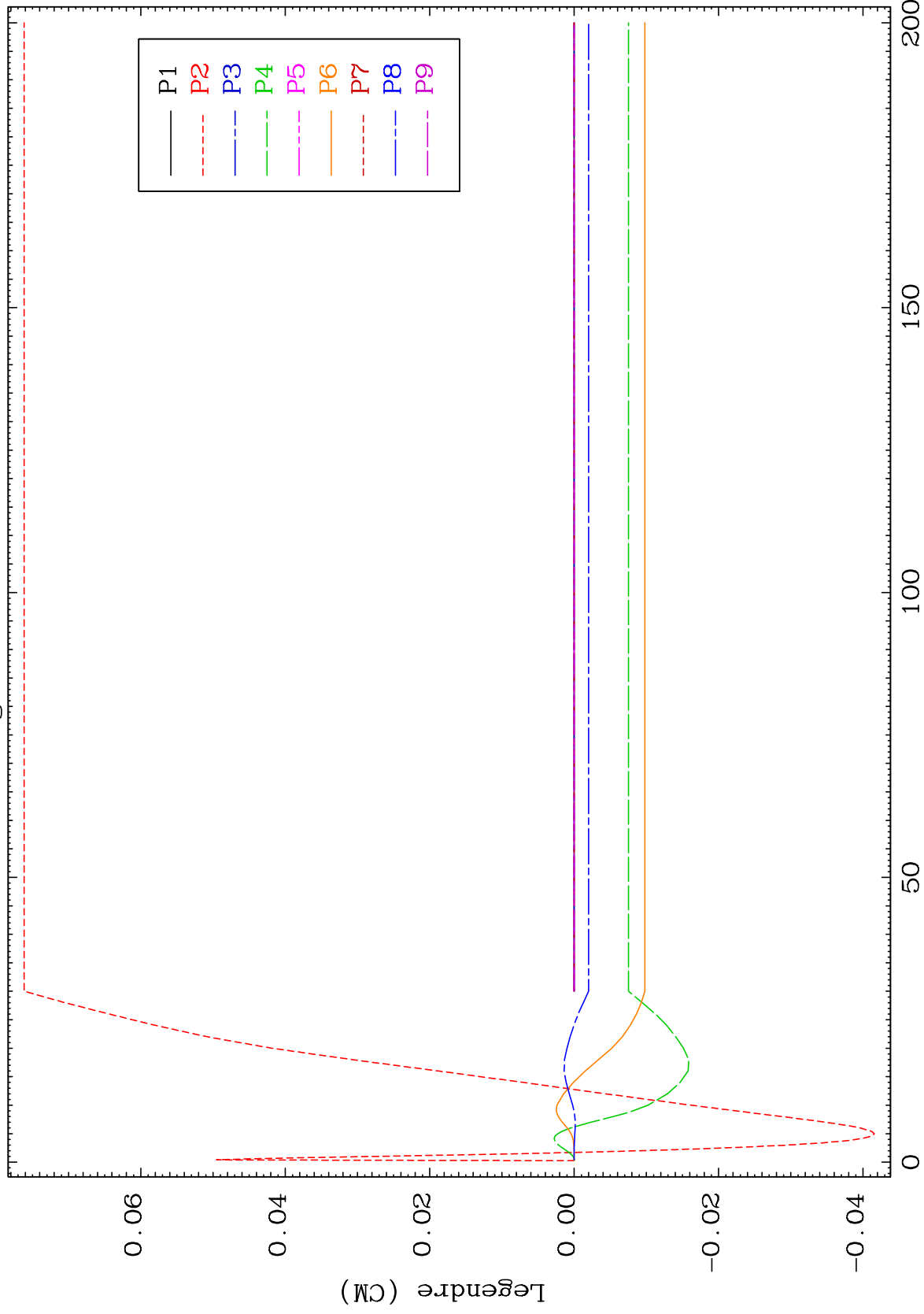
Incident Energy (MeV)

24

MAT 5428

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

54-Xe-125



54-Xe-125

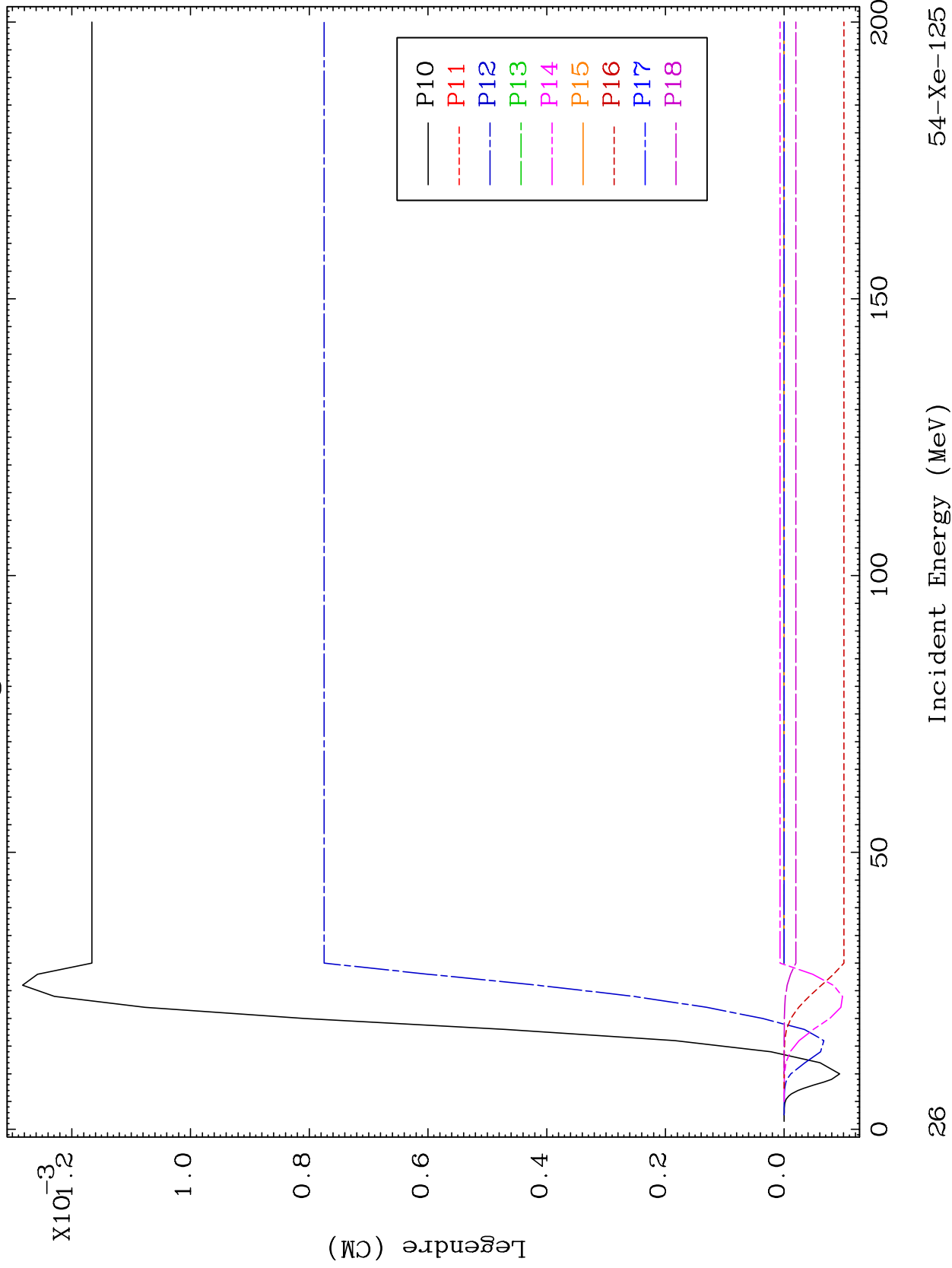
Incident Energy (MeV)

25

MAT 5428

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

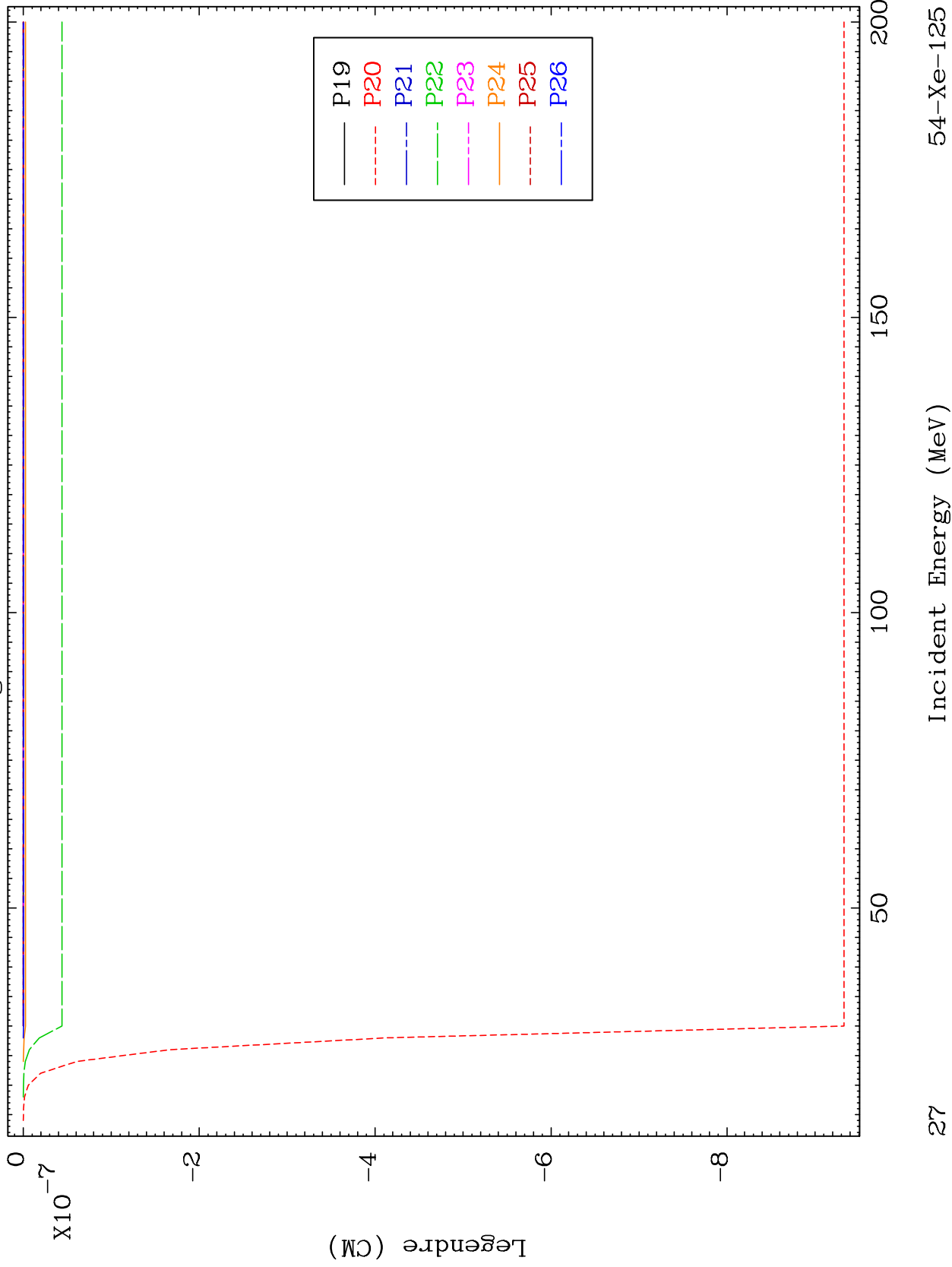
54-Xe-125



MAT 5428

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

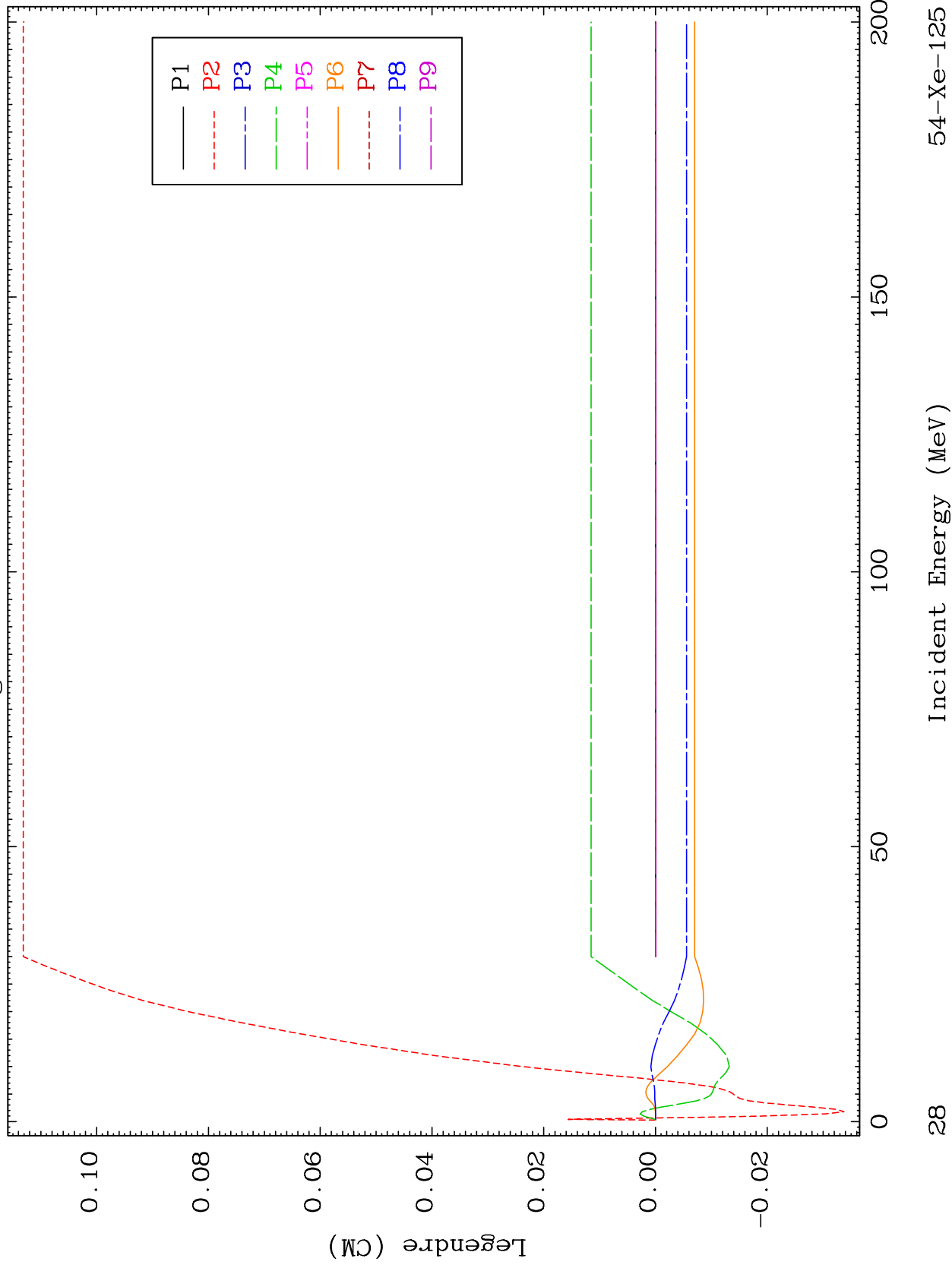
54-Xe-125



MAT 5428

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

54-Xe-125



54-Xe-125

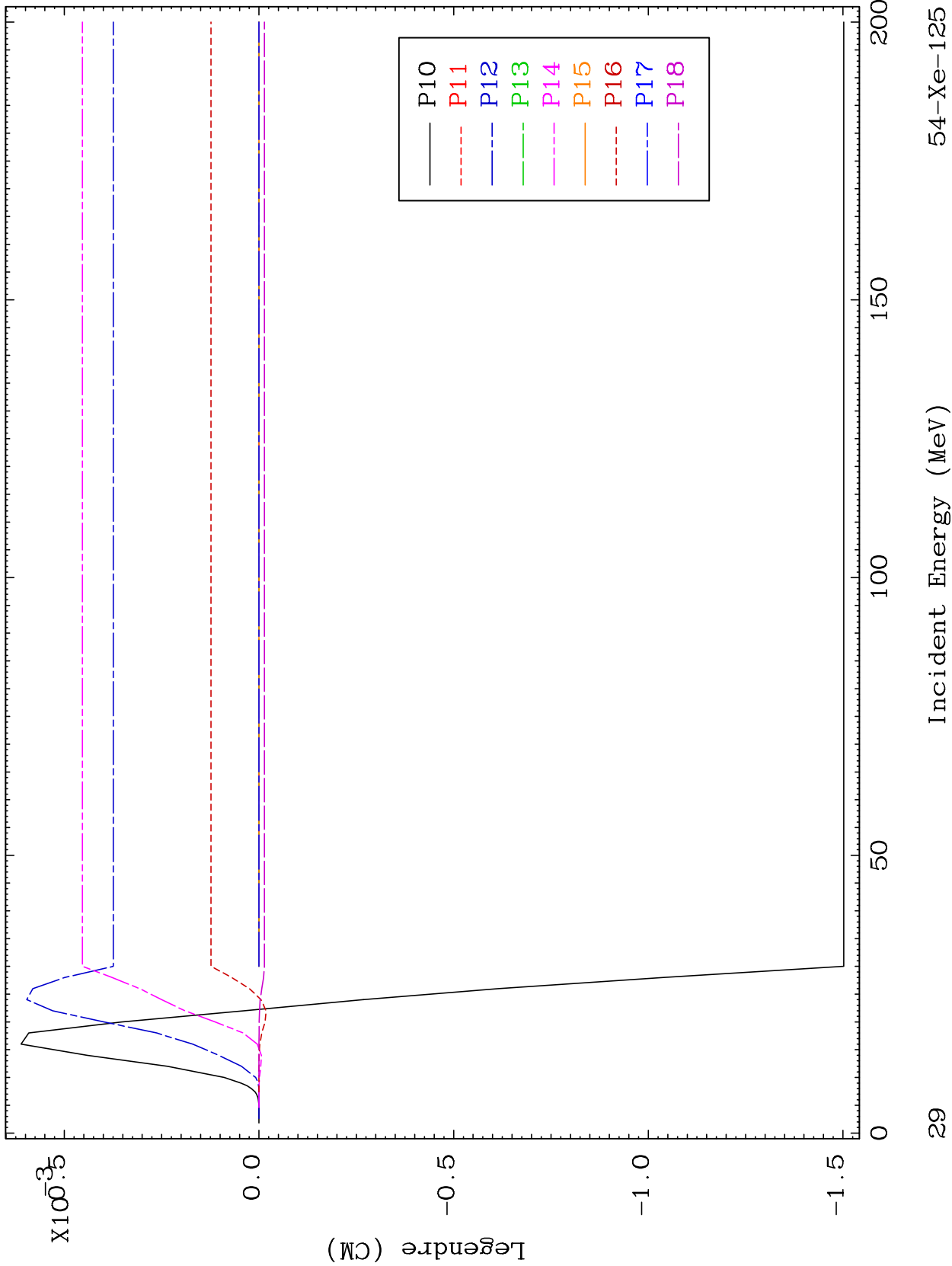
Incident Energy (MeV)

28

MAT 5428

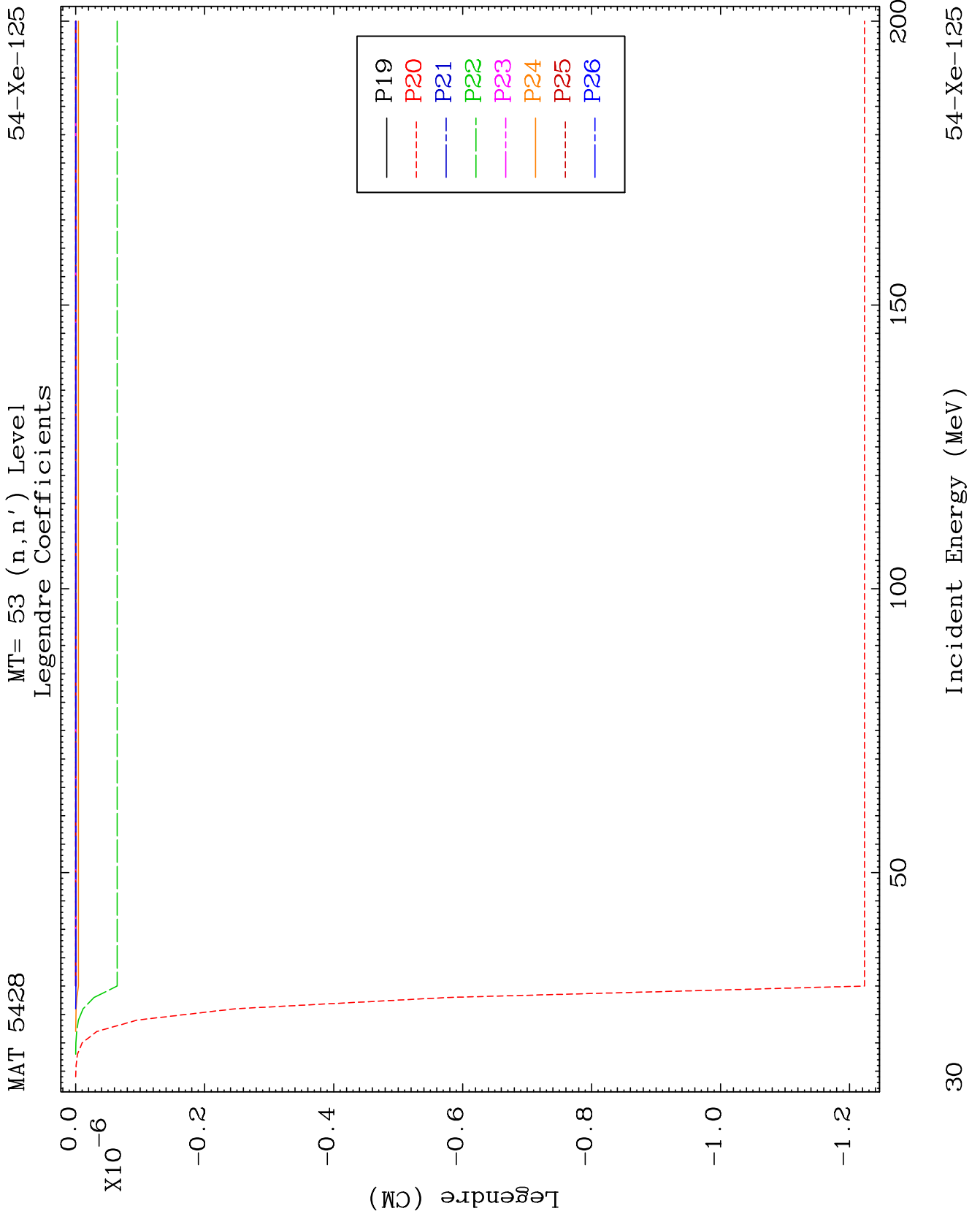
MT= 53 (n,n') Level
Legendre Coefficients

54-Xe-125



29

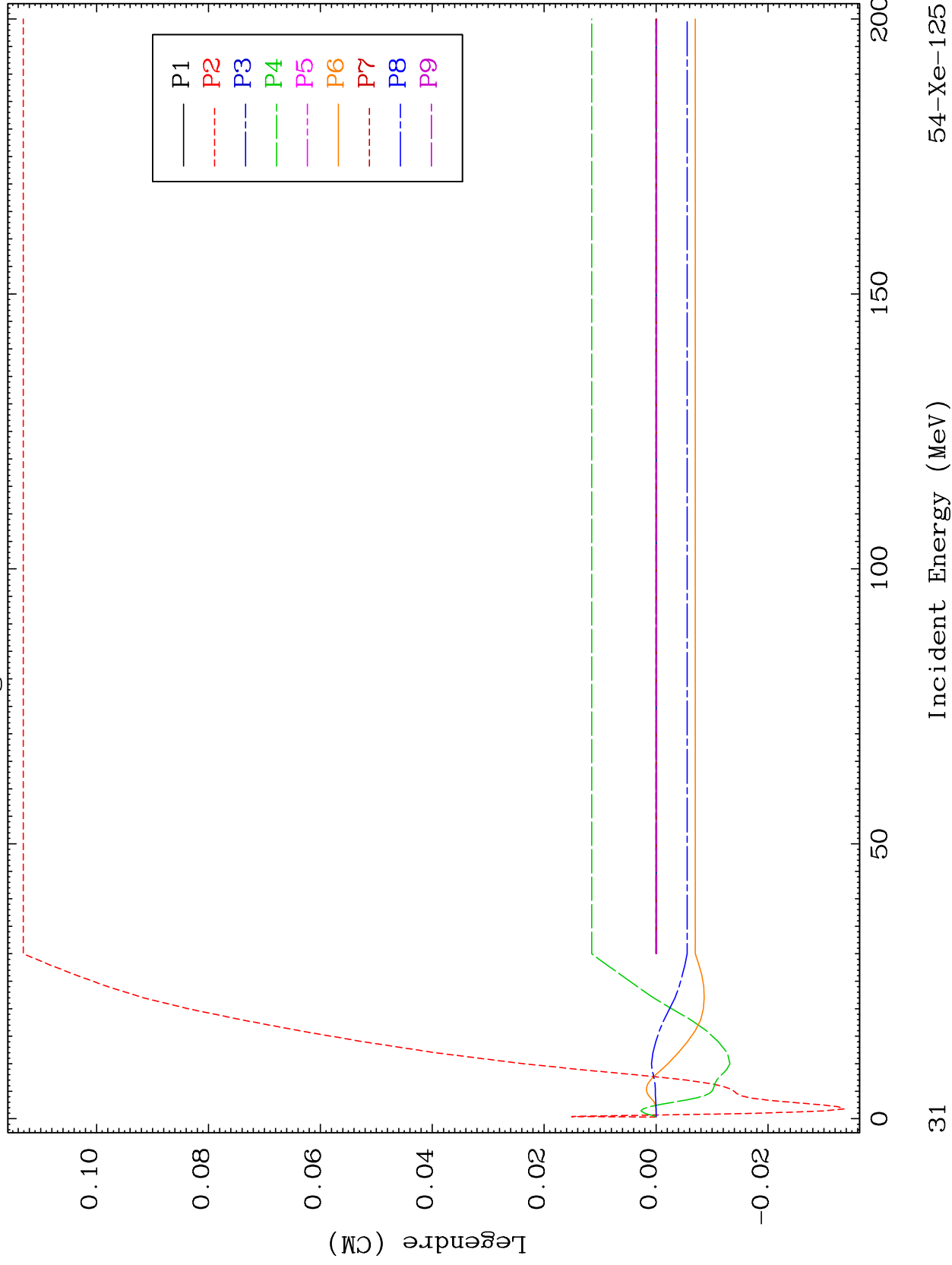
54-Xe-125



MAT 5428

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

54-Xe-125



31

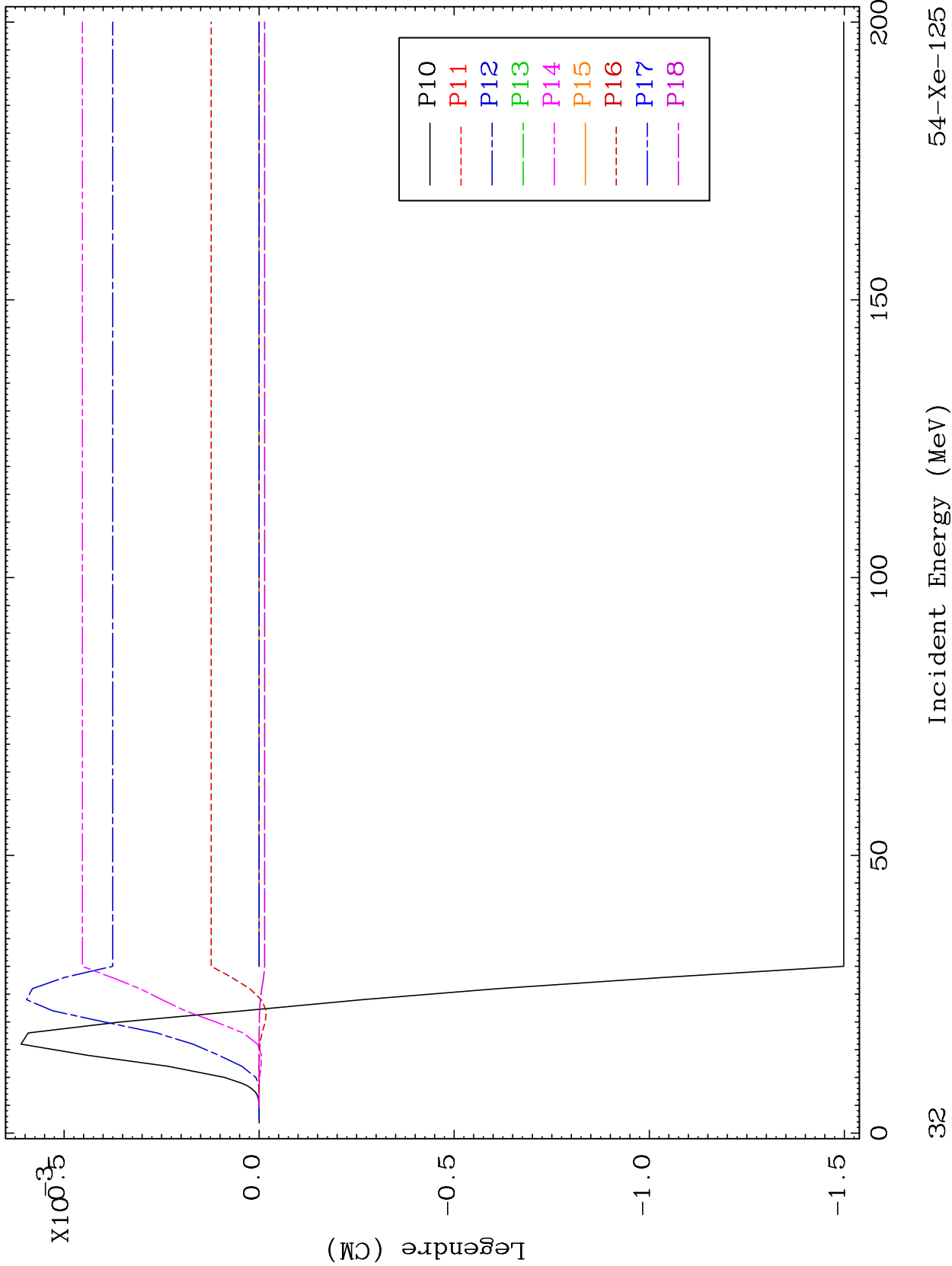
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



54-Xe-125

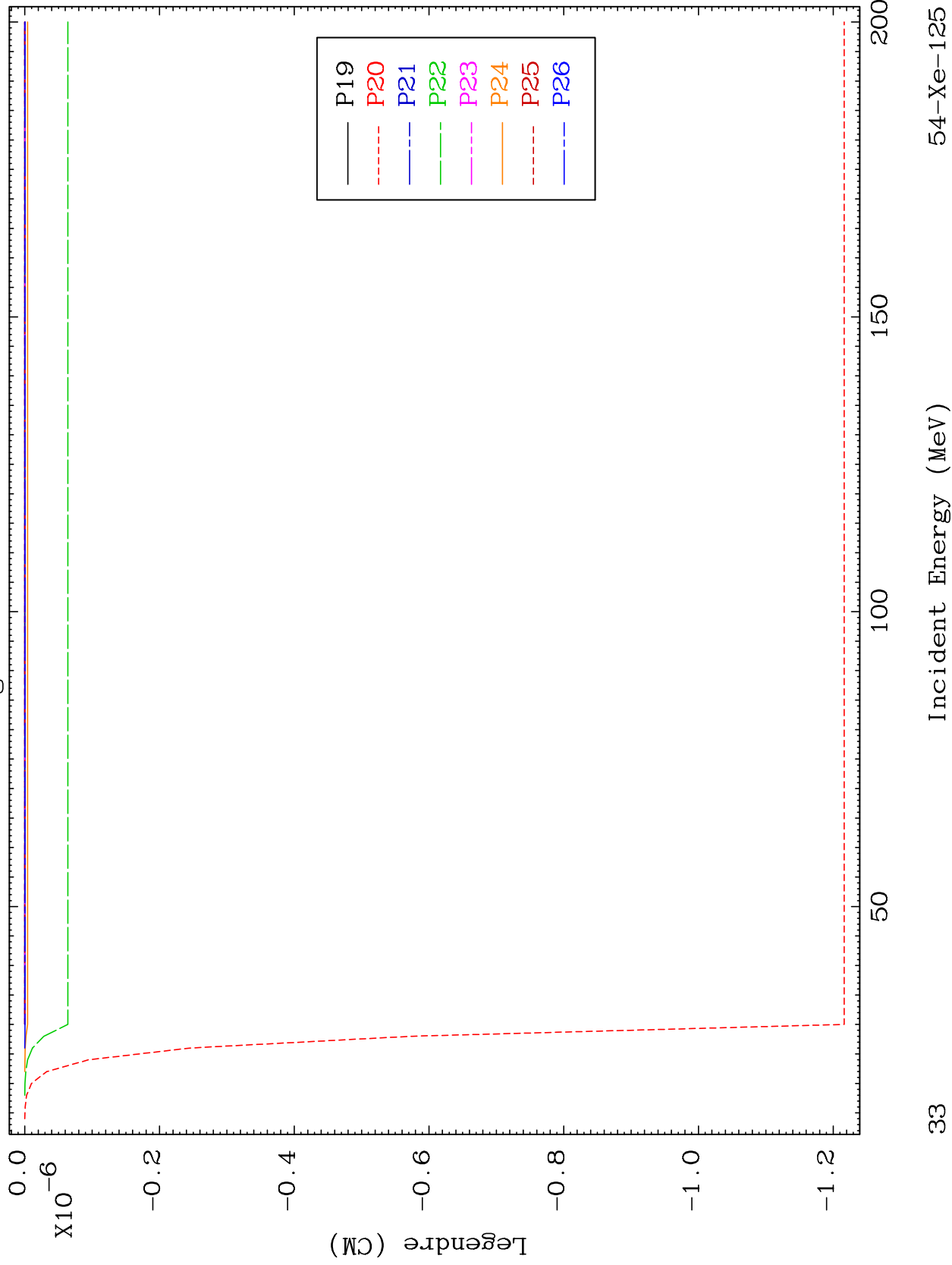
Incident Energy (MeV)

32

MAT 5428

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

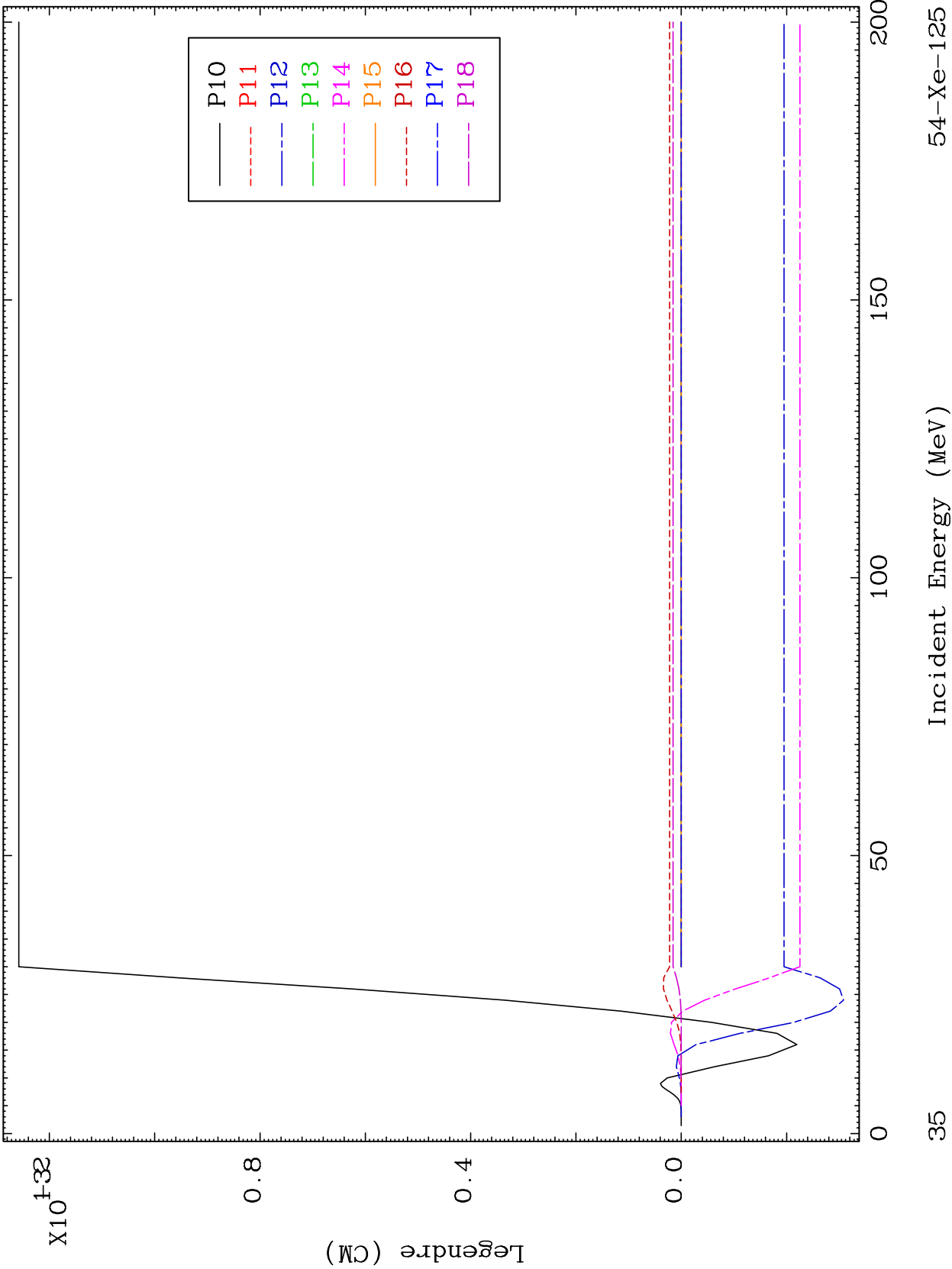
54-Xe-125



MAT 5428

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

54-Xe-125



54-Xe-125

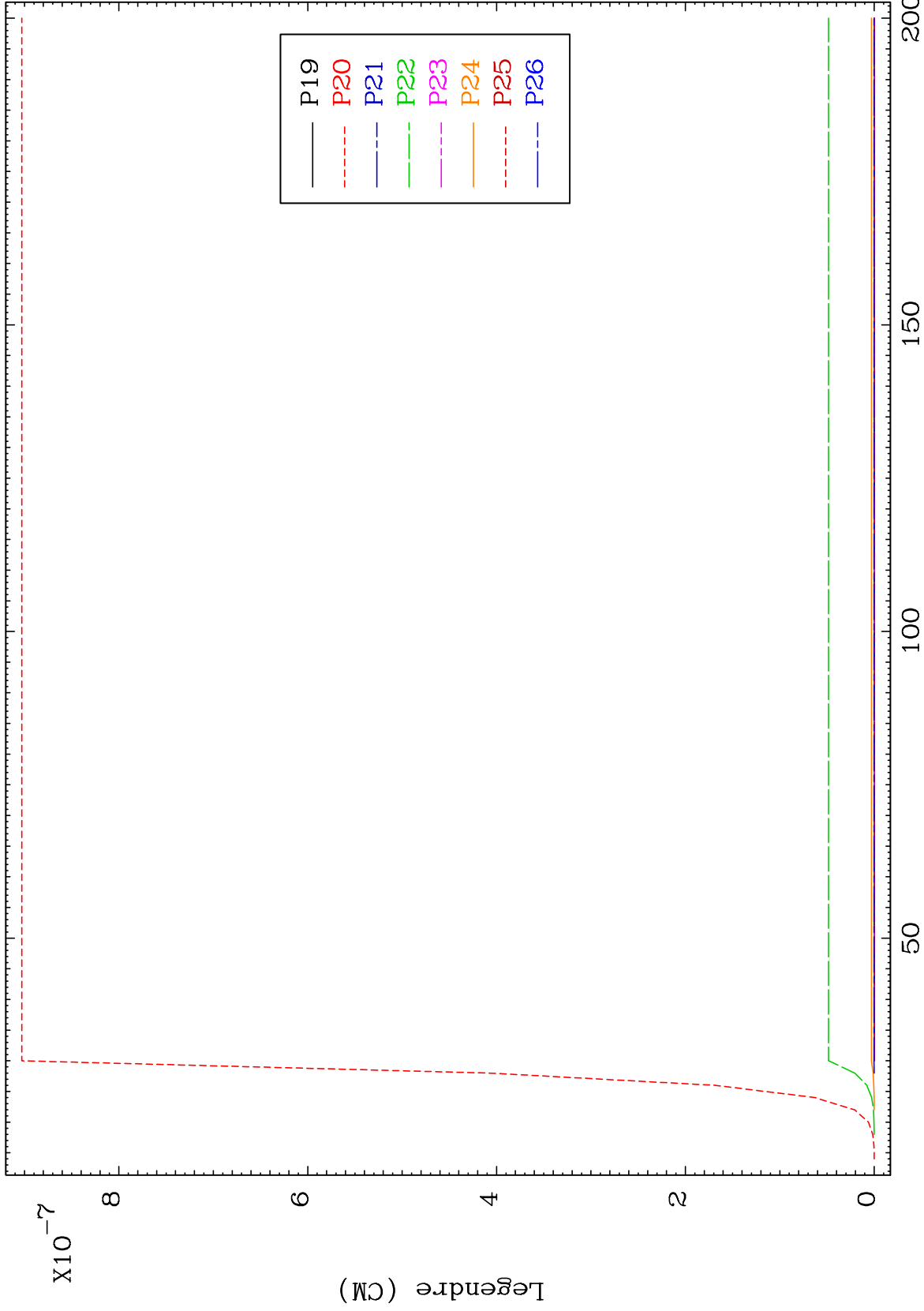
Incident Energy (MeV)

35

MAT 5428

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

54-Xe-125



36

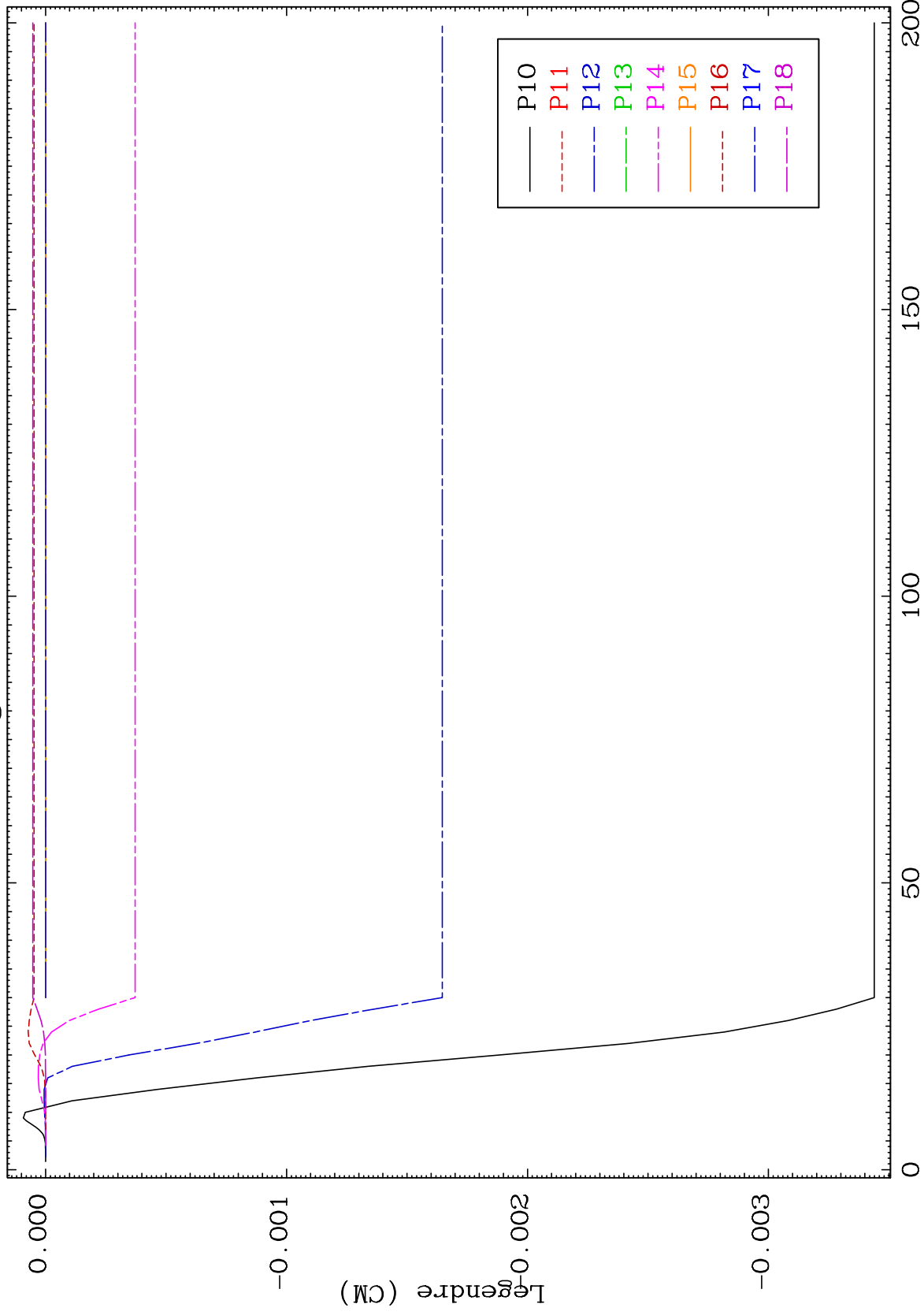
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

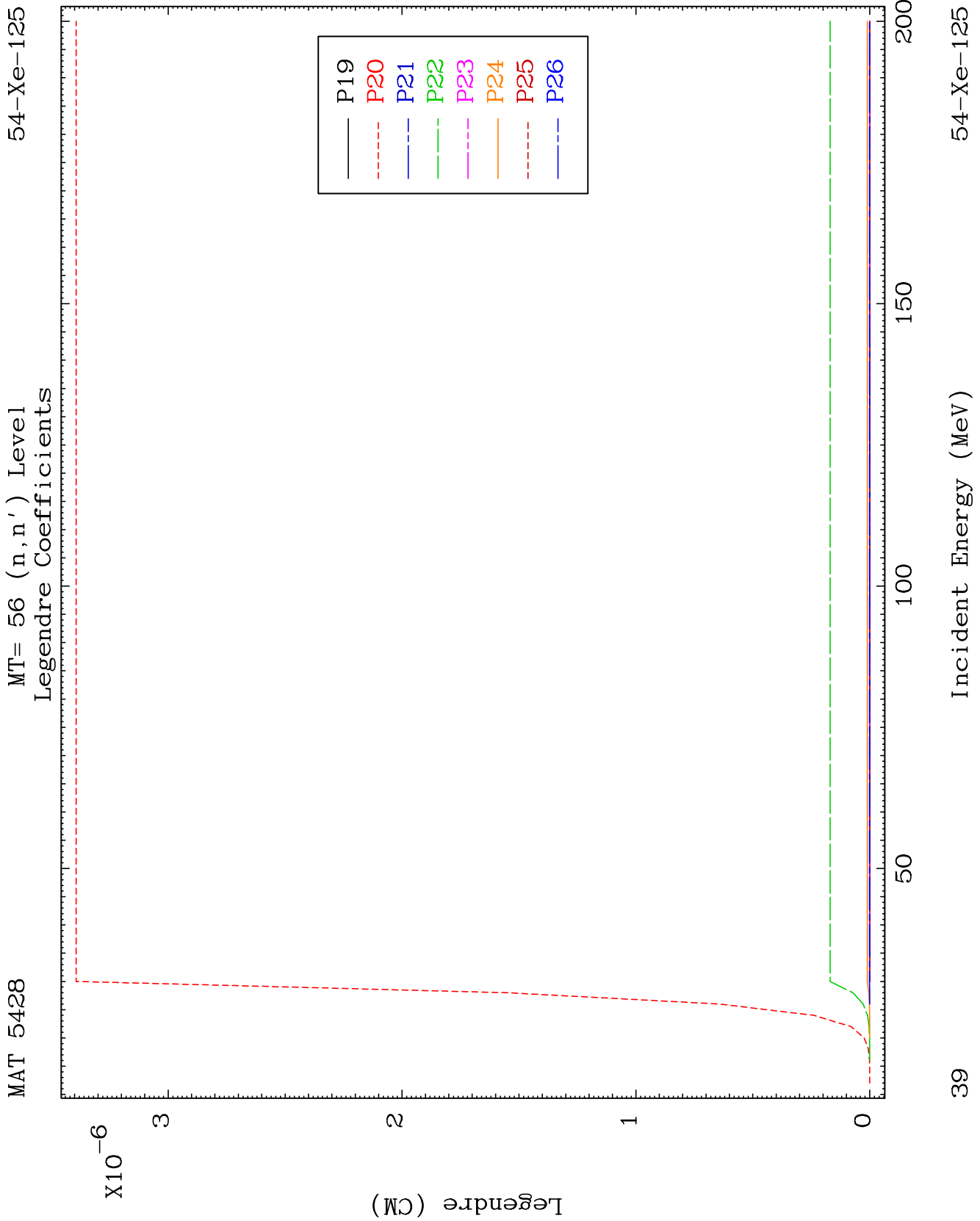
54-Xe-125



38

Incident Energy (MeV)

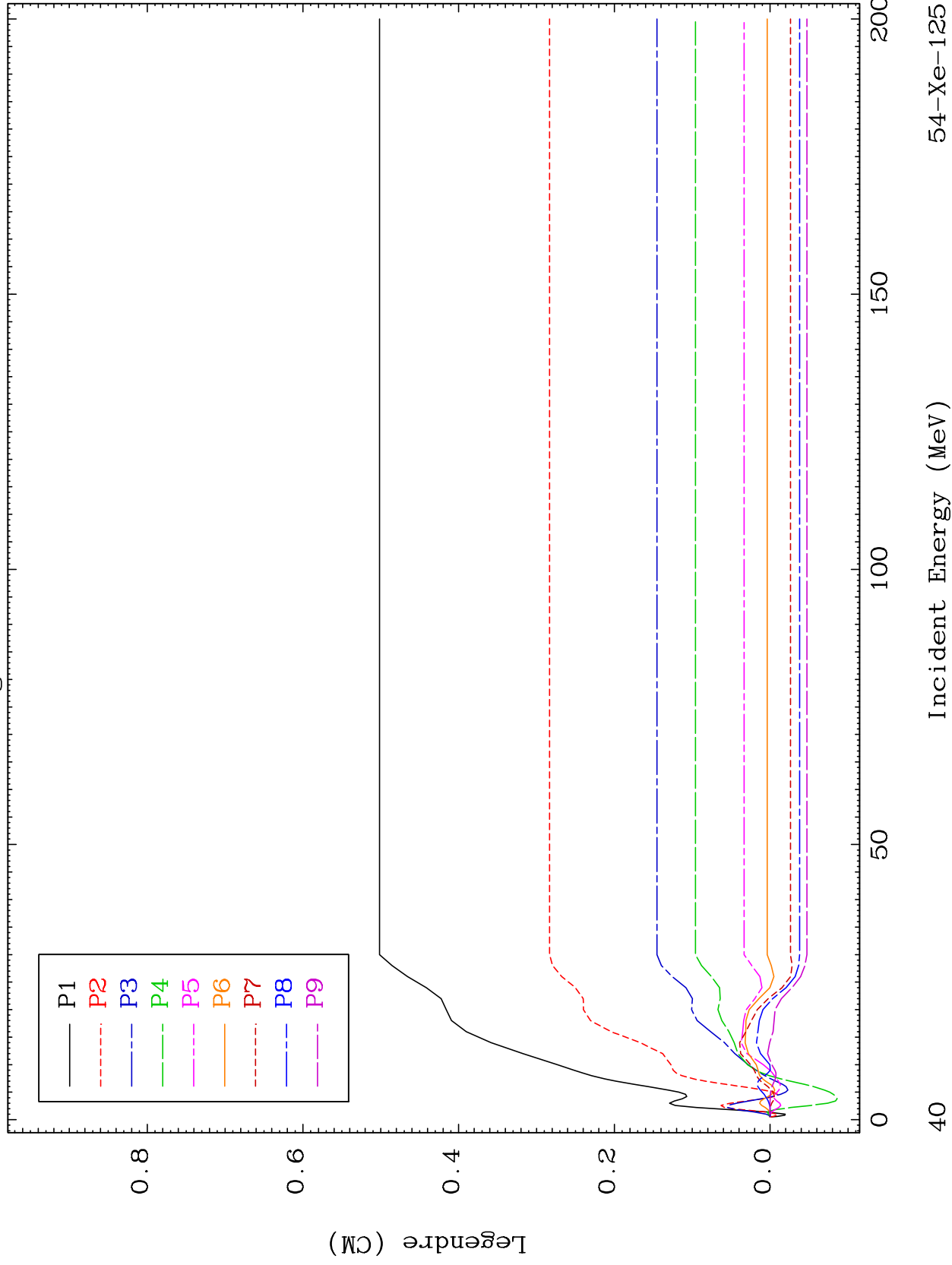
54-Xe-125



MAT 5428

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

54-Xe-125



54-Xe-125

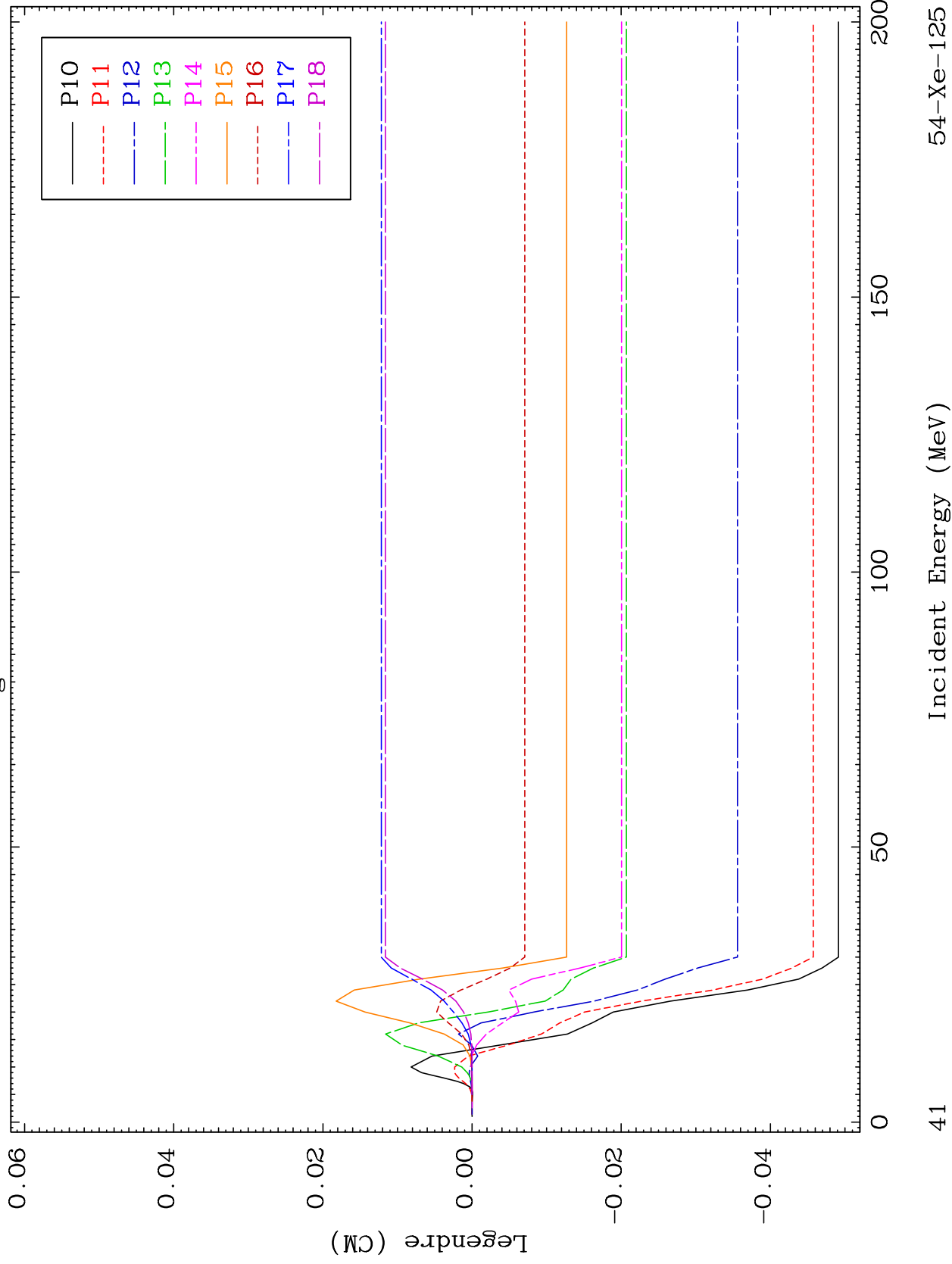
Incident Energy (MeV)

40

MAT 5428

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

54-Xe-125



41

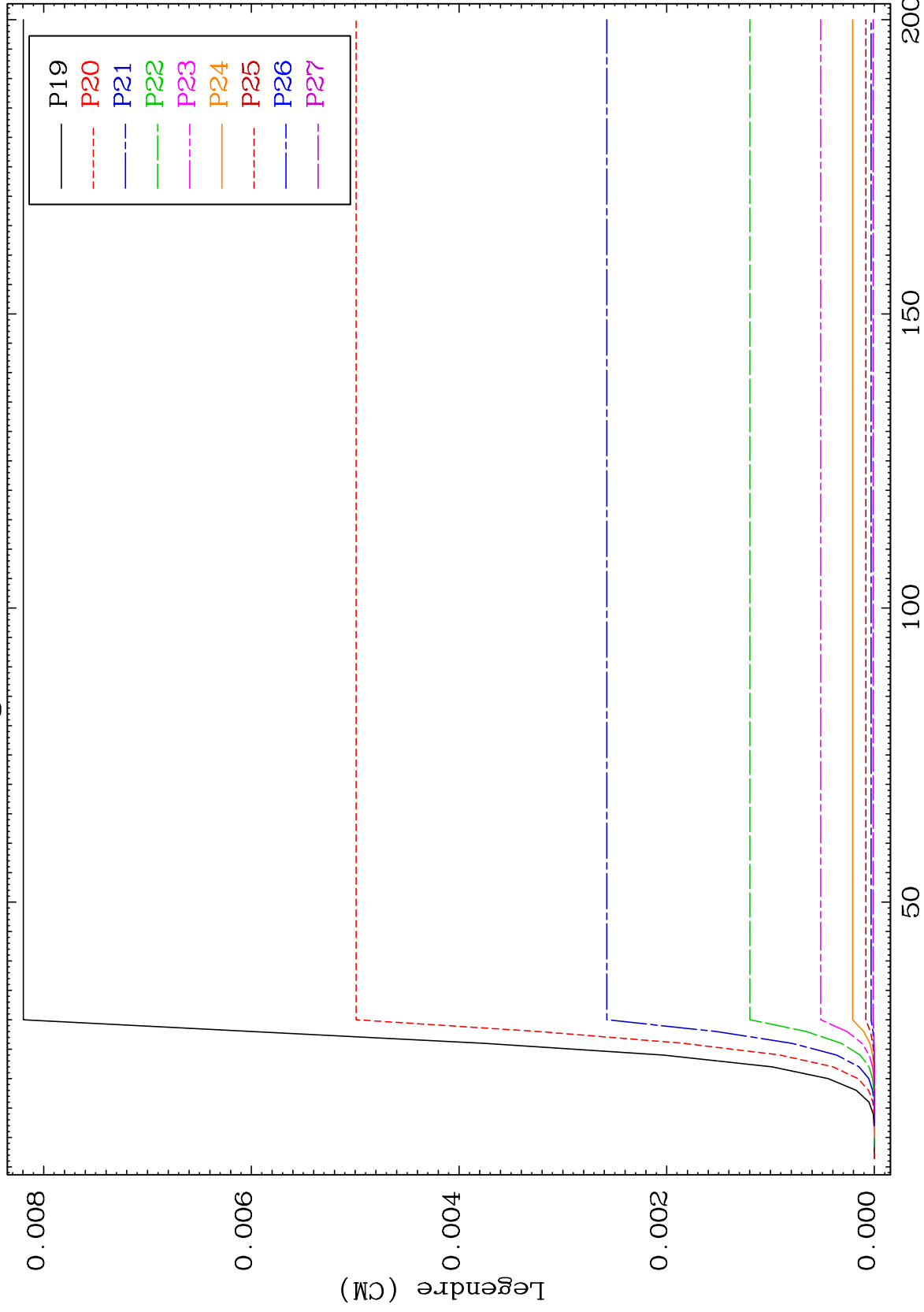
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



42

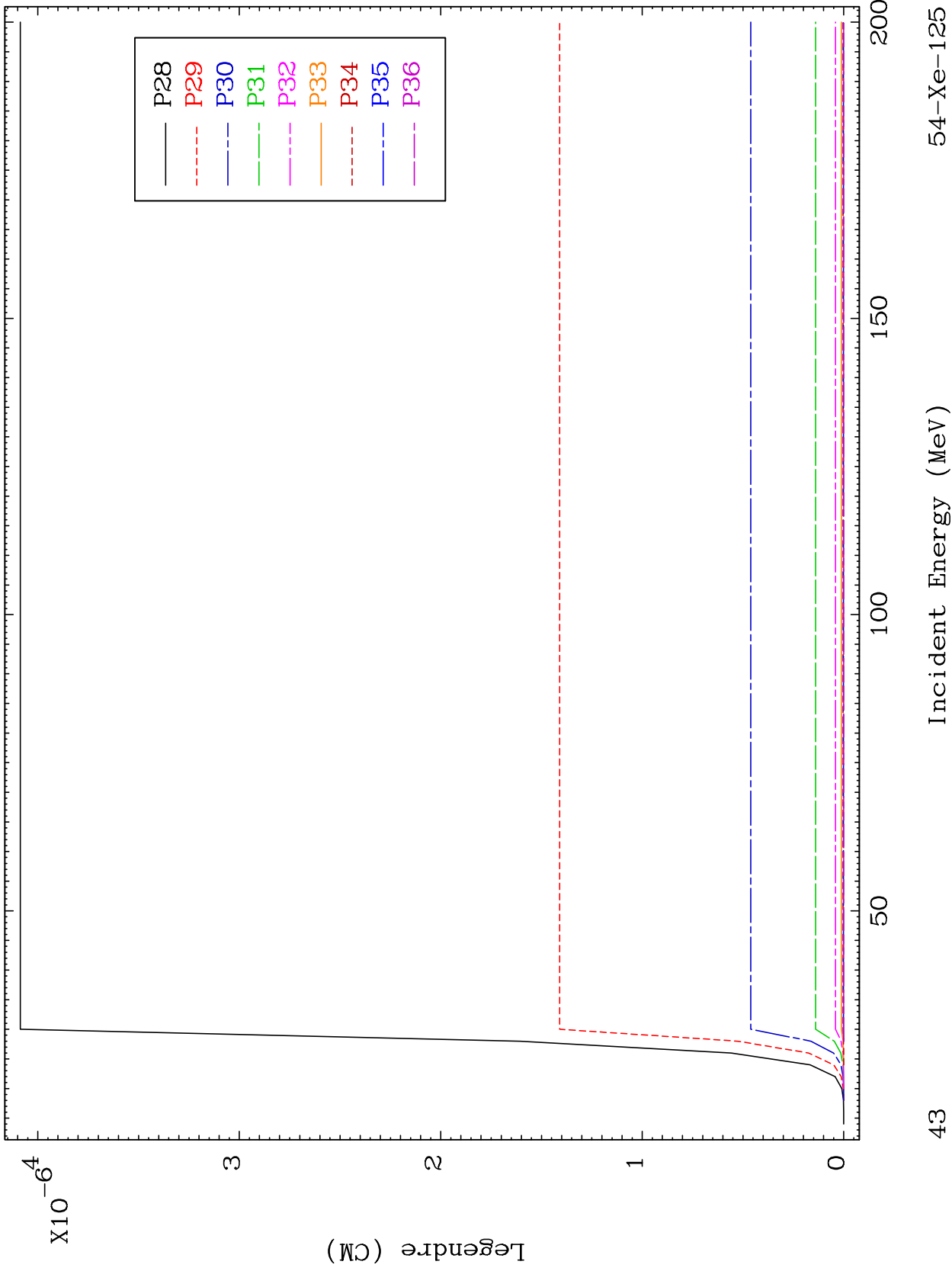
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

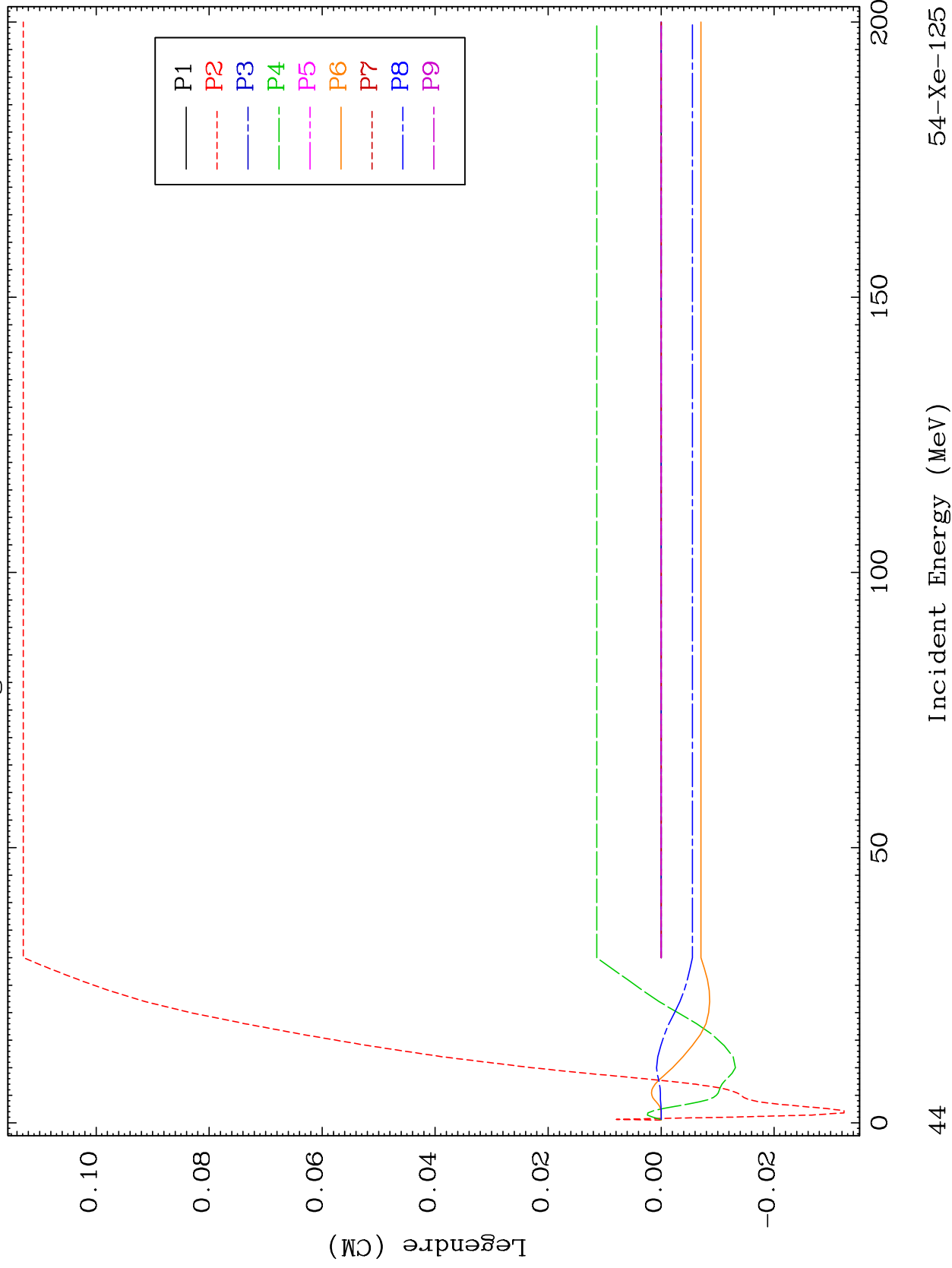
54-Xe-125



MAT 5428

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

54-Xe-125



54-Xe-125

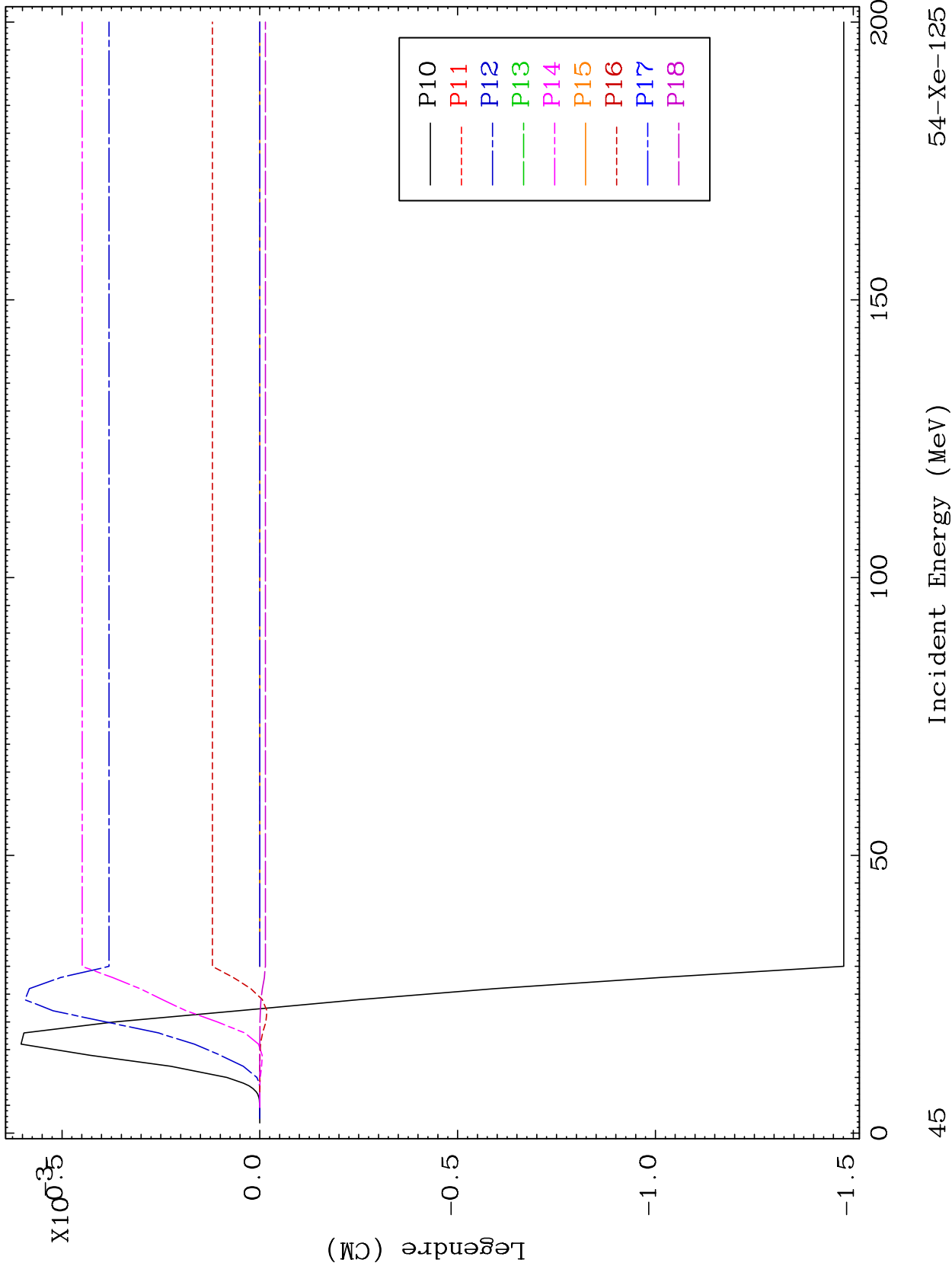
Incident Energy (MeV)

44

MAT 5428

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

54-Xe-125



54-Xe-125

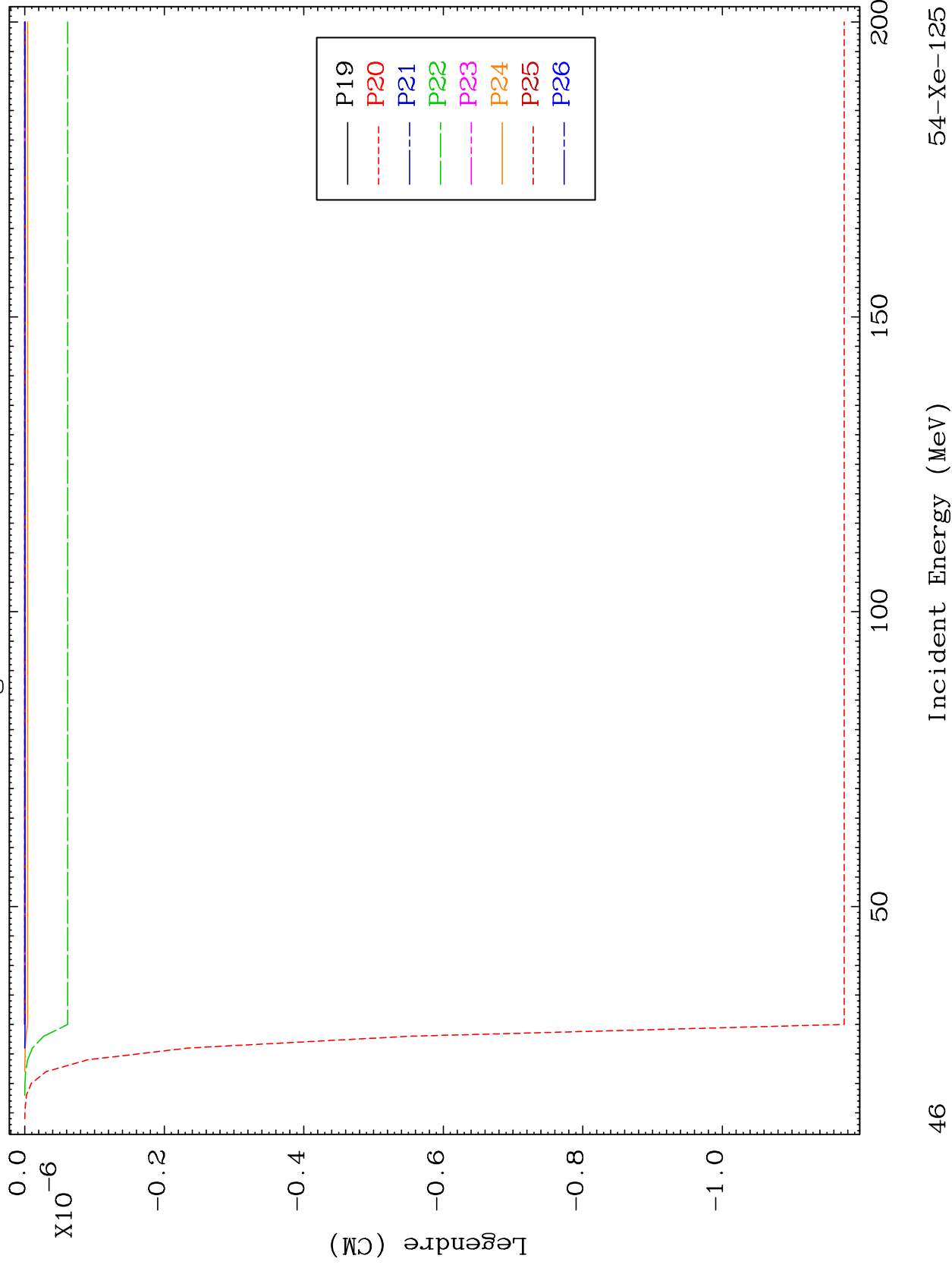
Incident Energy (MeV)

45

MAT 5428

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

54-Xe-125



46

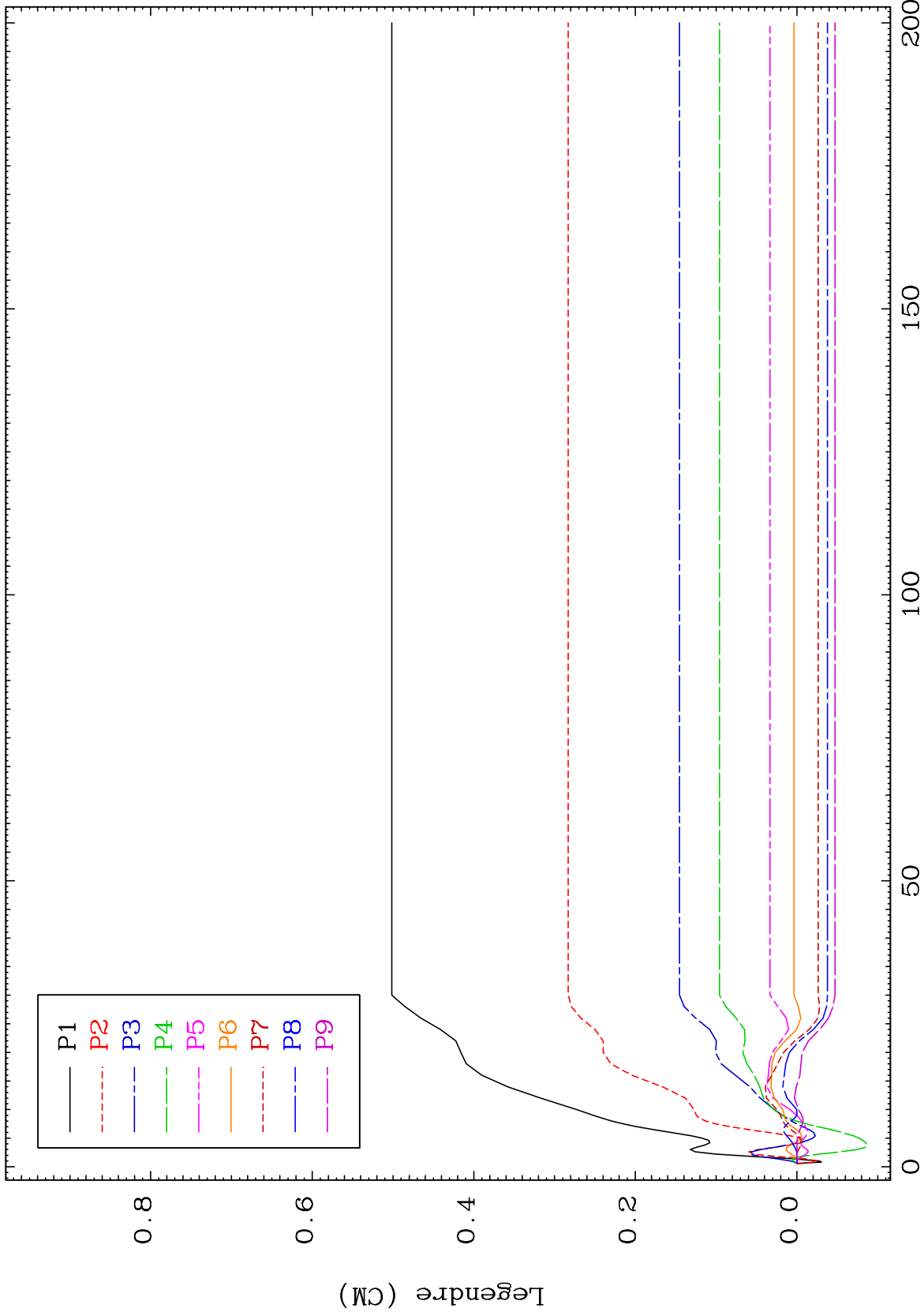
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



47

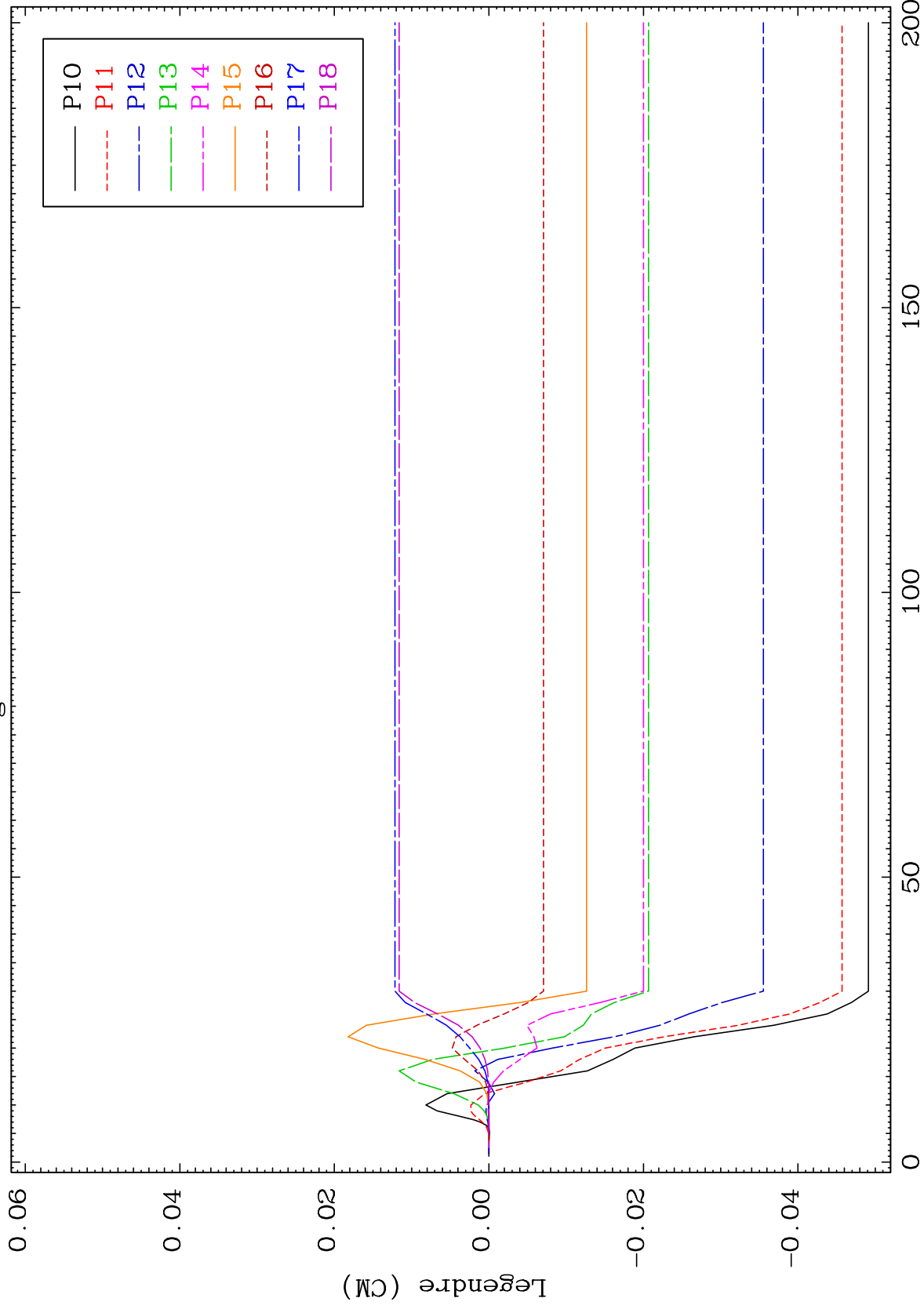
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



48

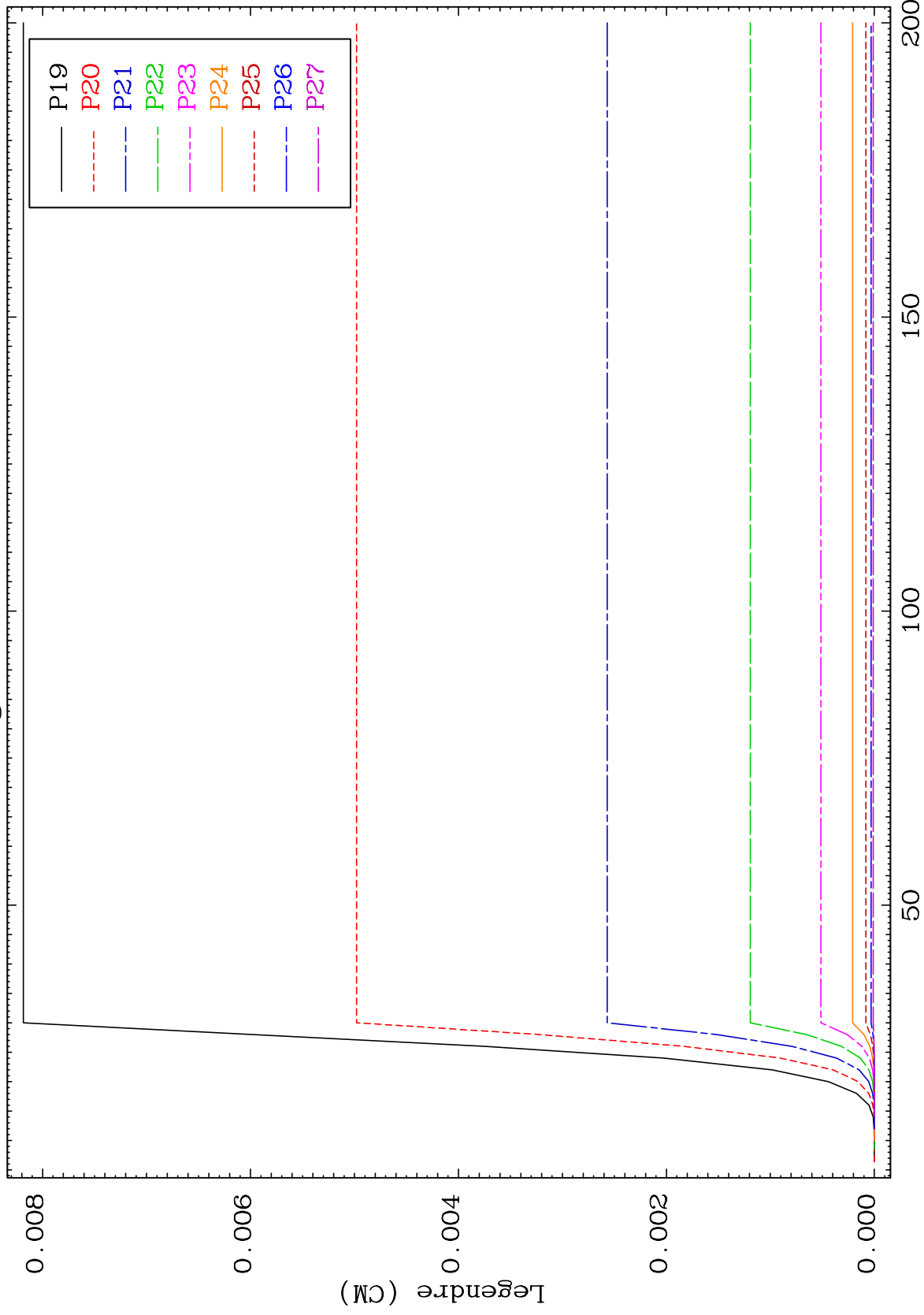
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



49

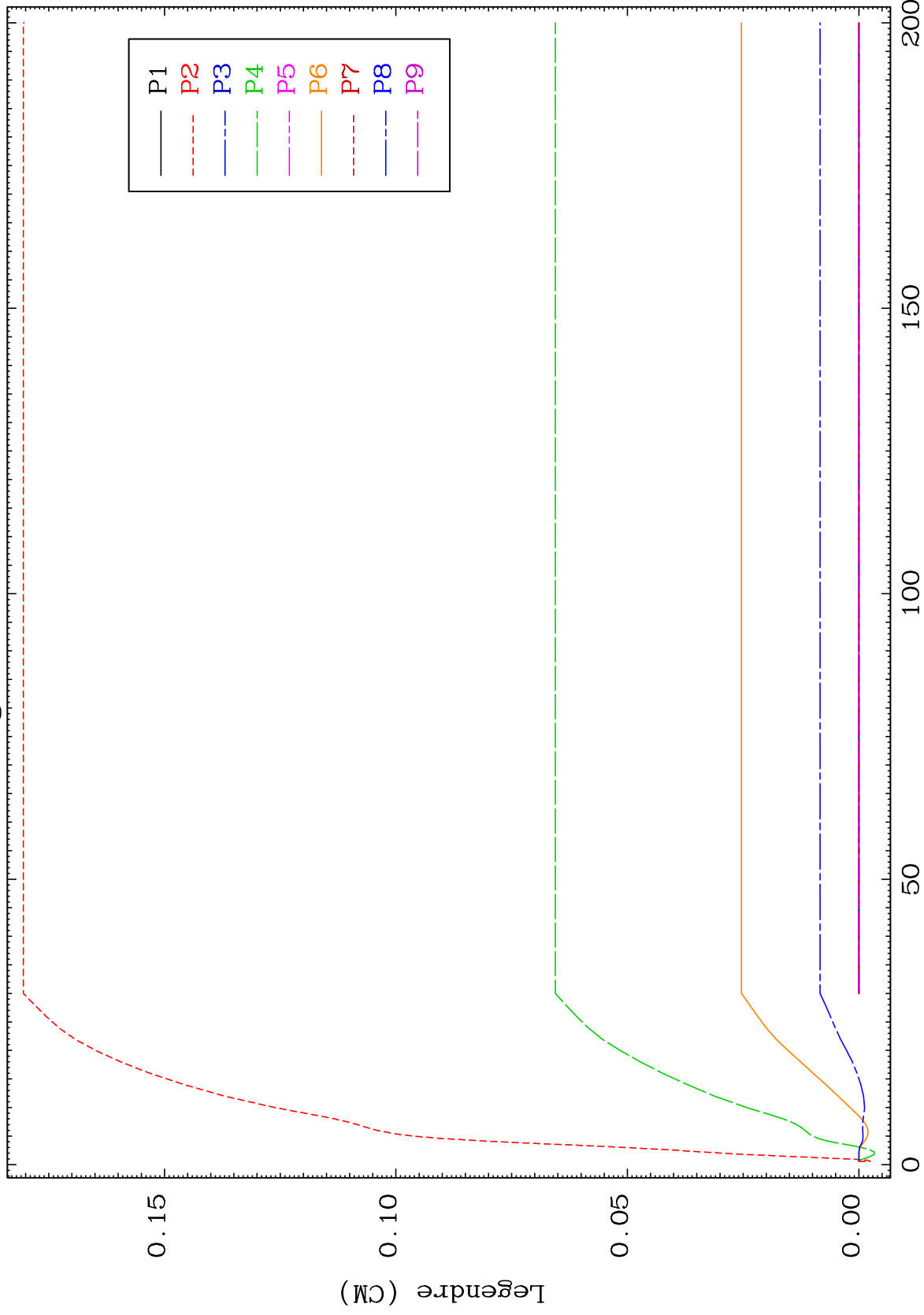
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



51

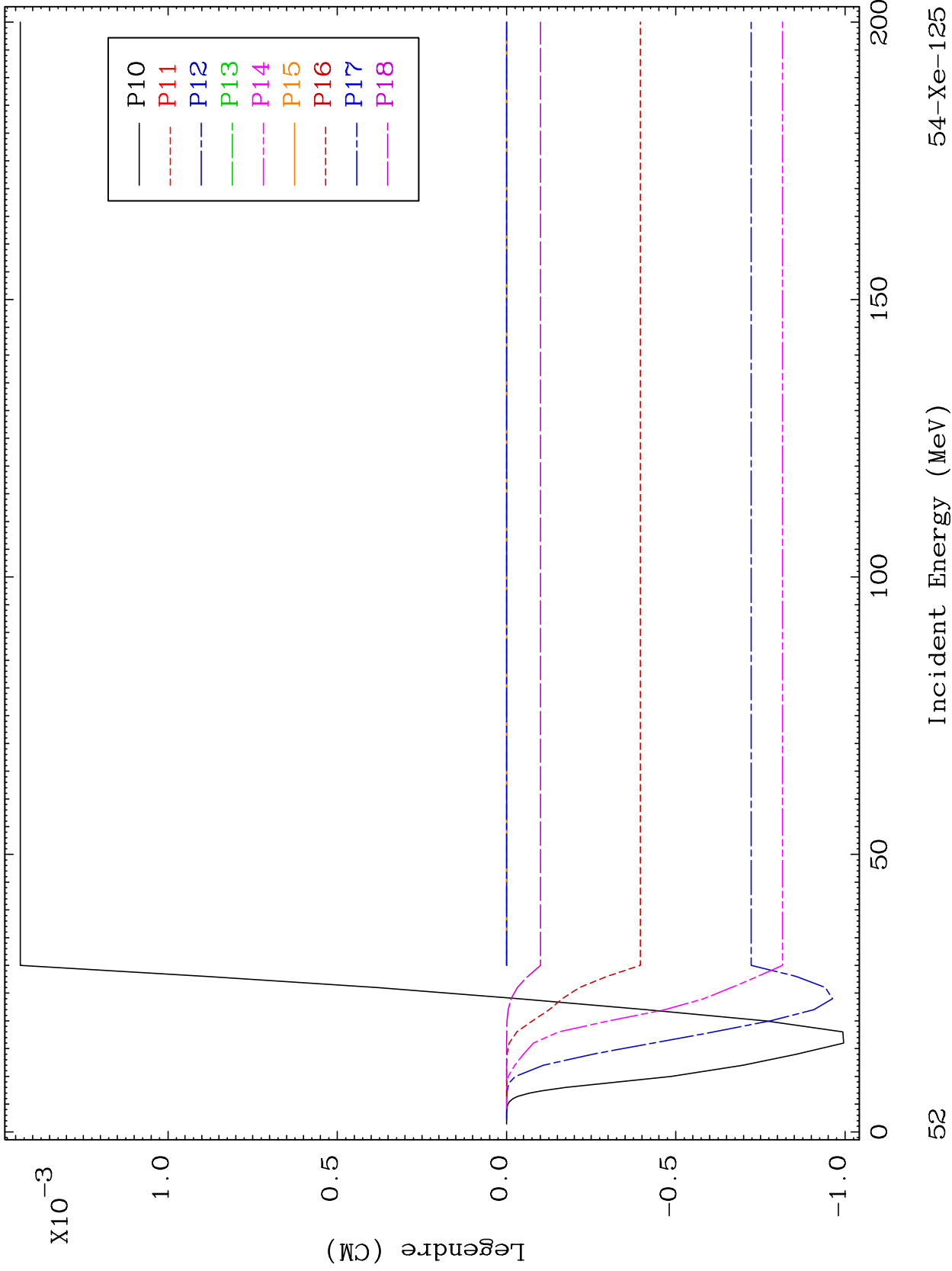
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



52

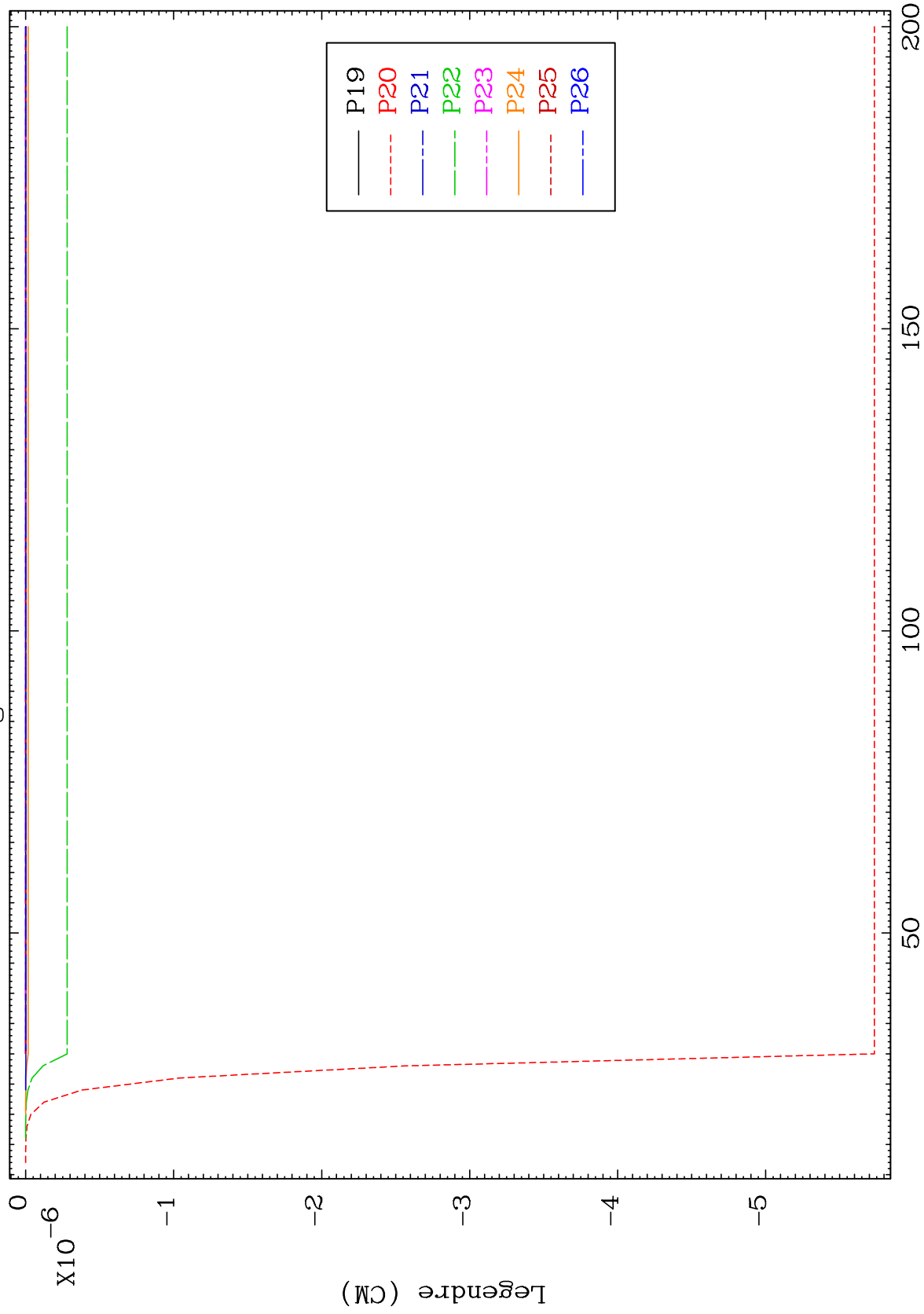
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

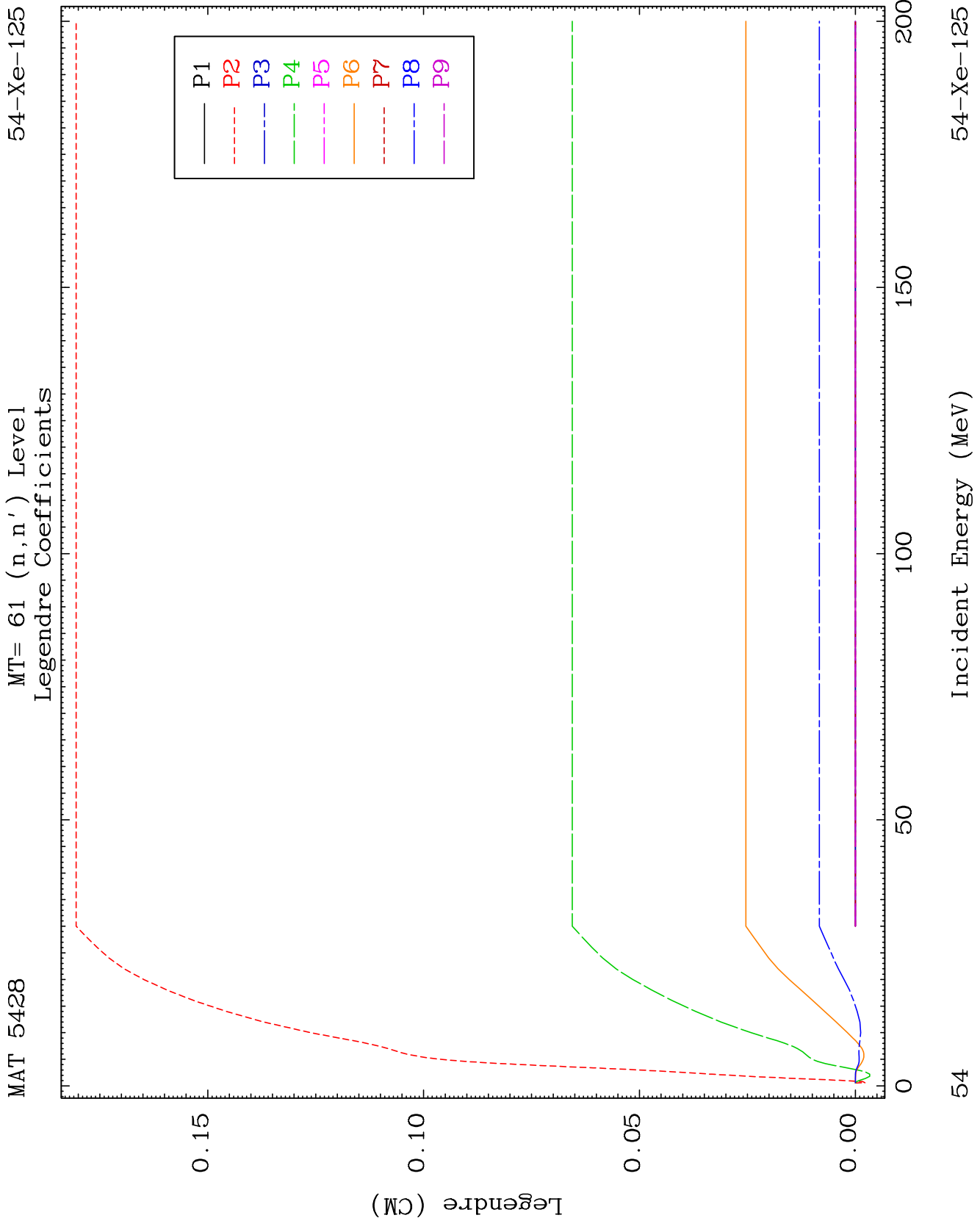
54-Xe-125



53

Incident Energy (MeV)

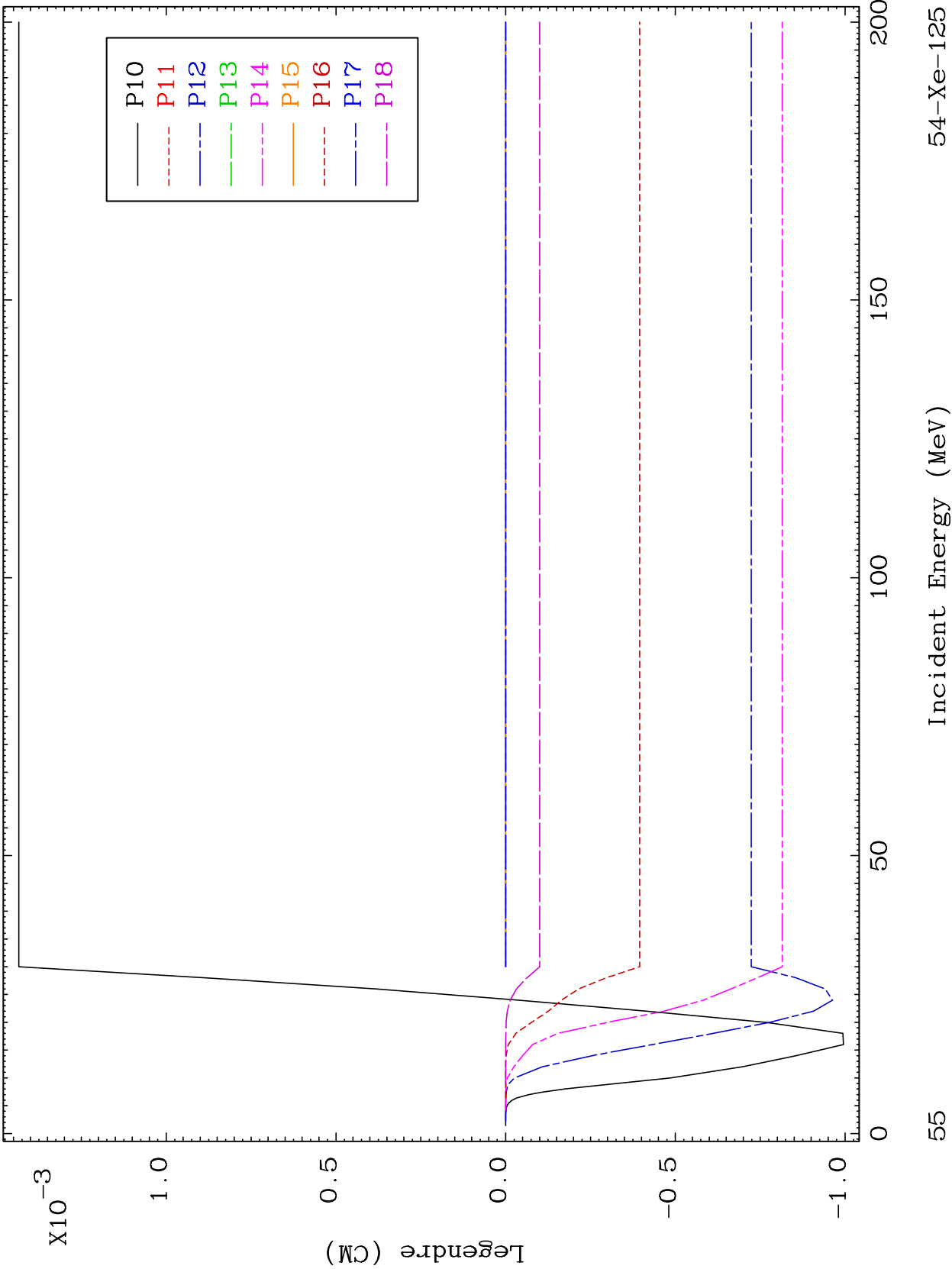
54-Xe-125



MAT 5428

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

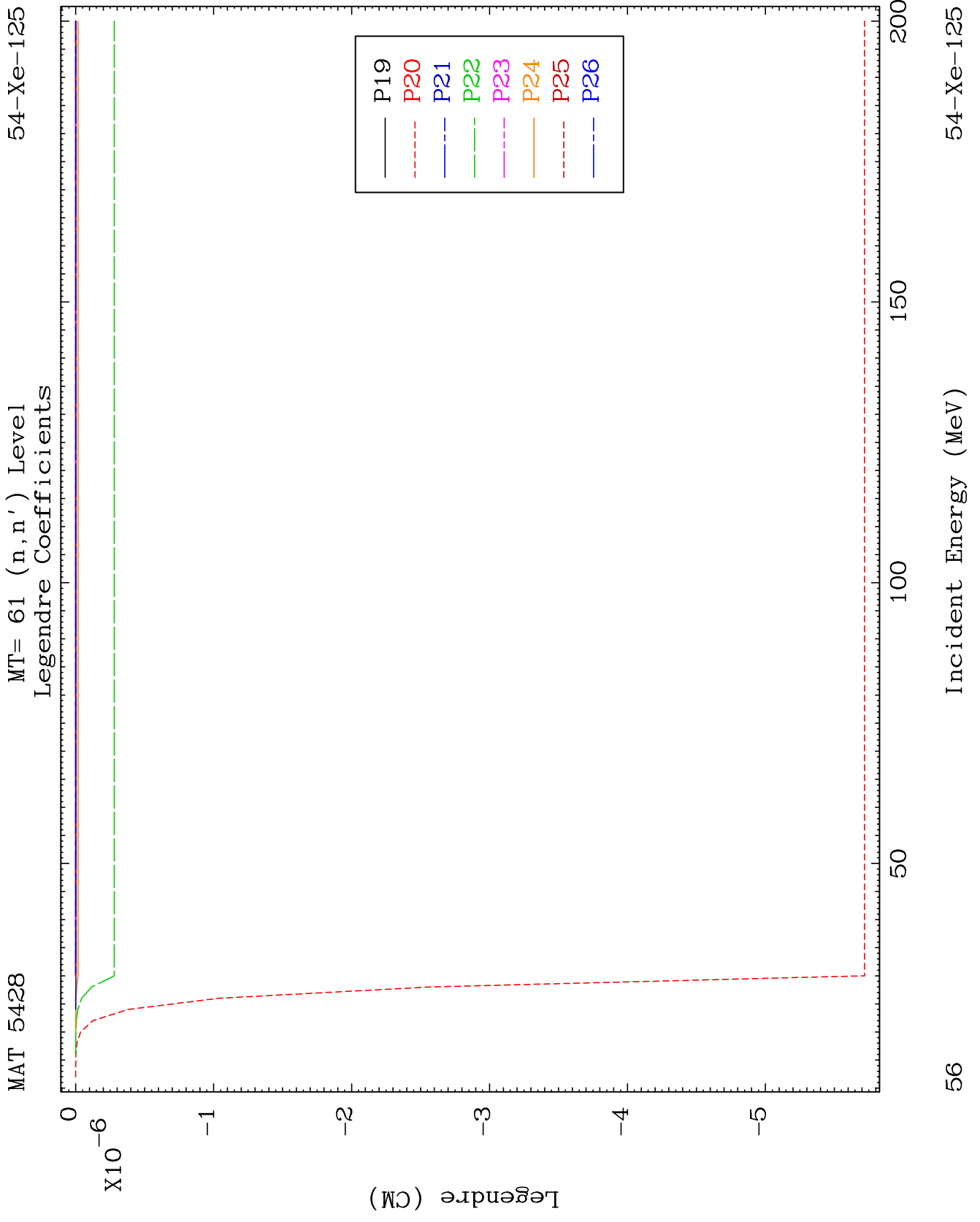
54-Xe-125



55

Incident Energy (MeV)

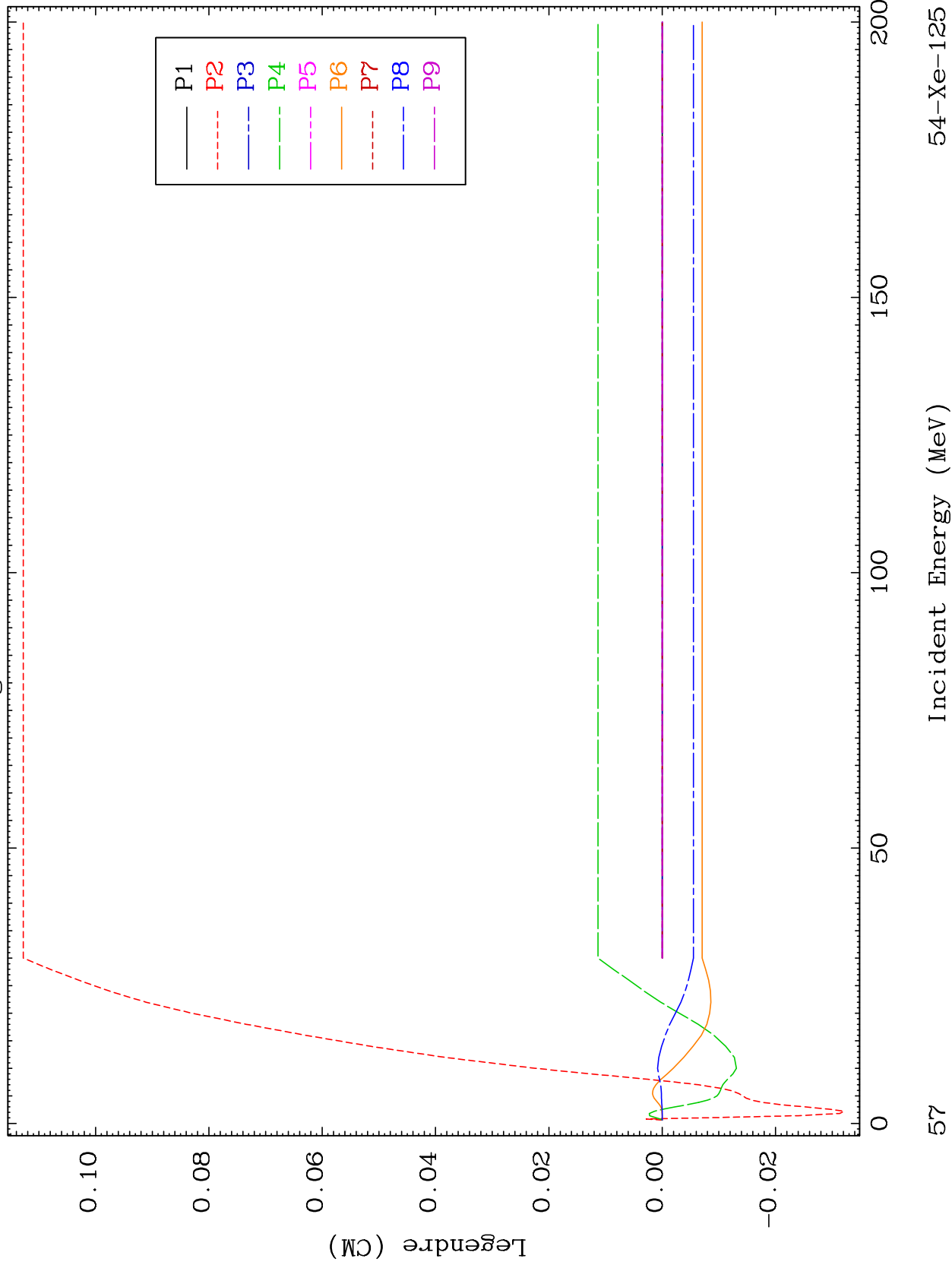
54-Xe-125



MAT 5428

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

54-Xe-125



54-Xe-125

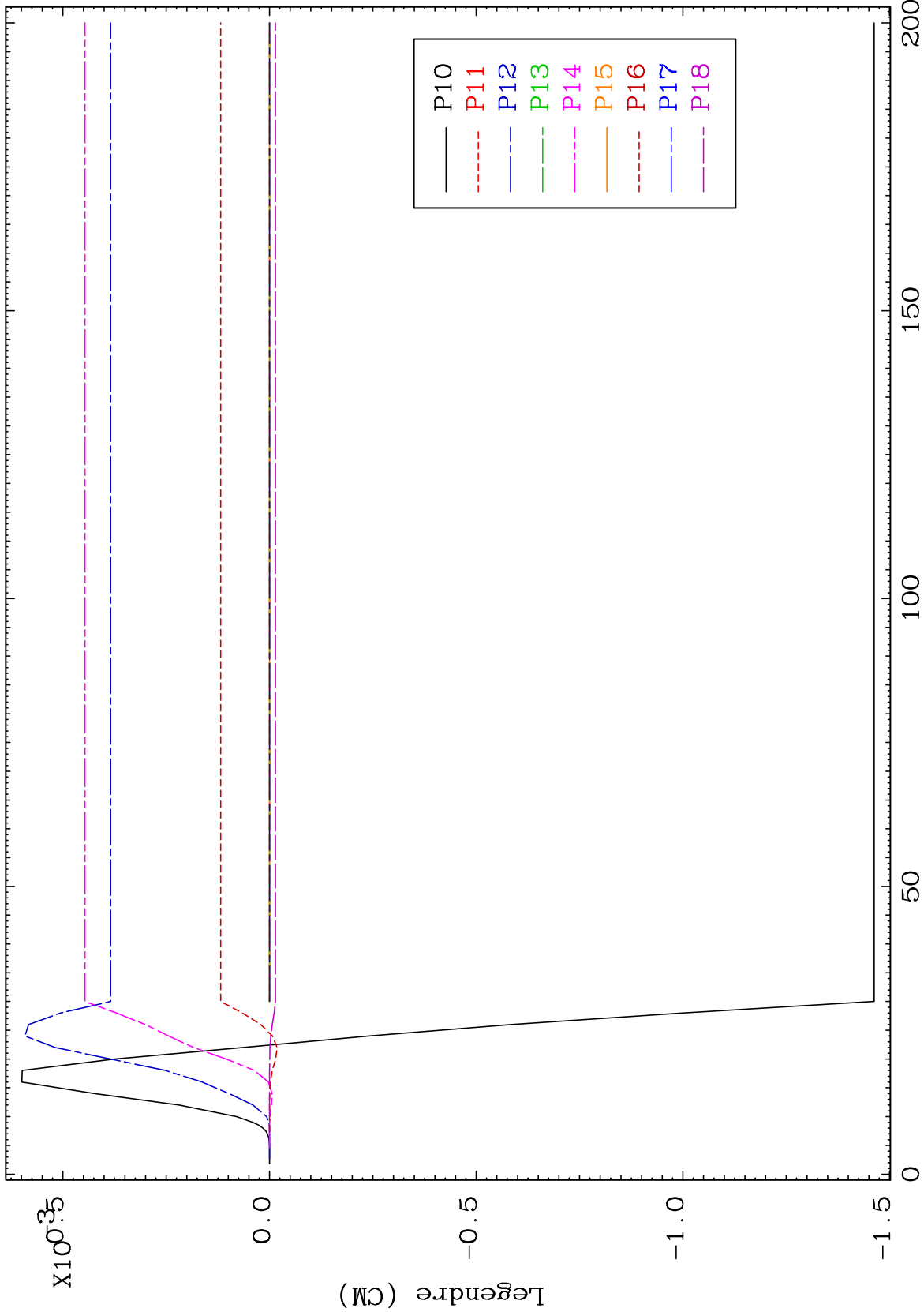
Incident Energy (MeV)

57

MAT 5428

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

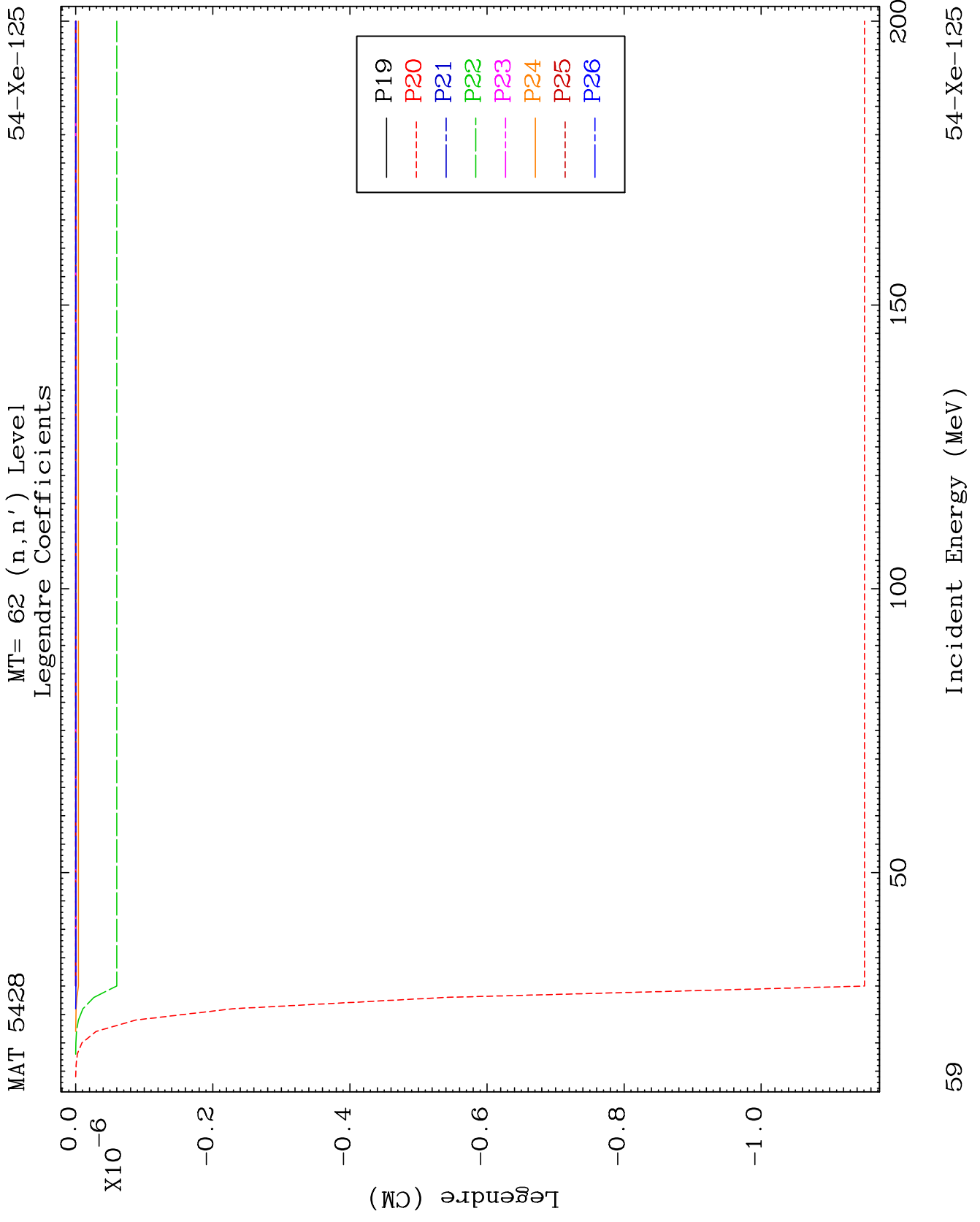
54-Xe-125



58

Incident Energy (MeV)

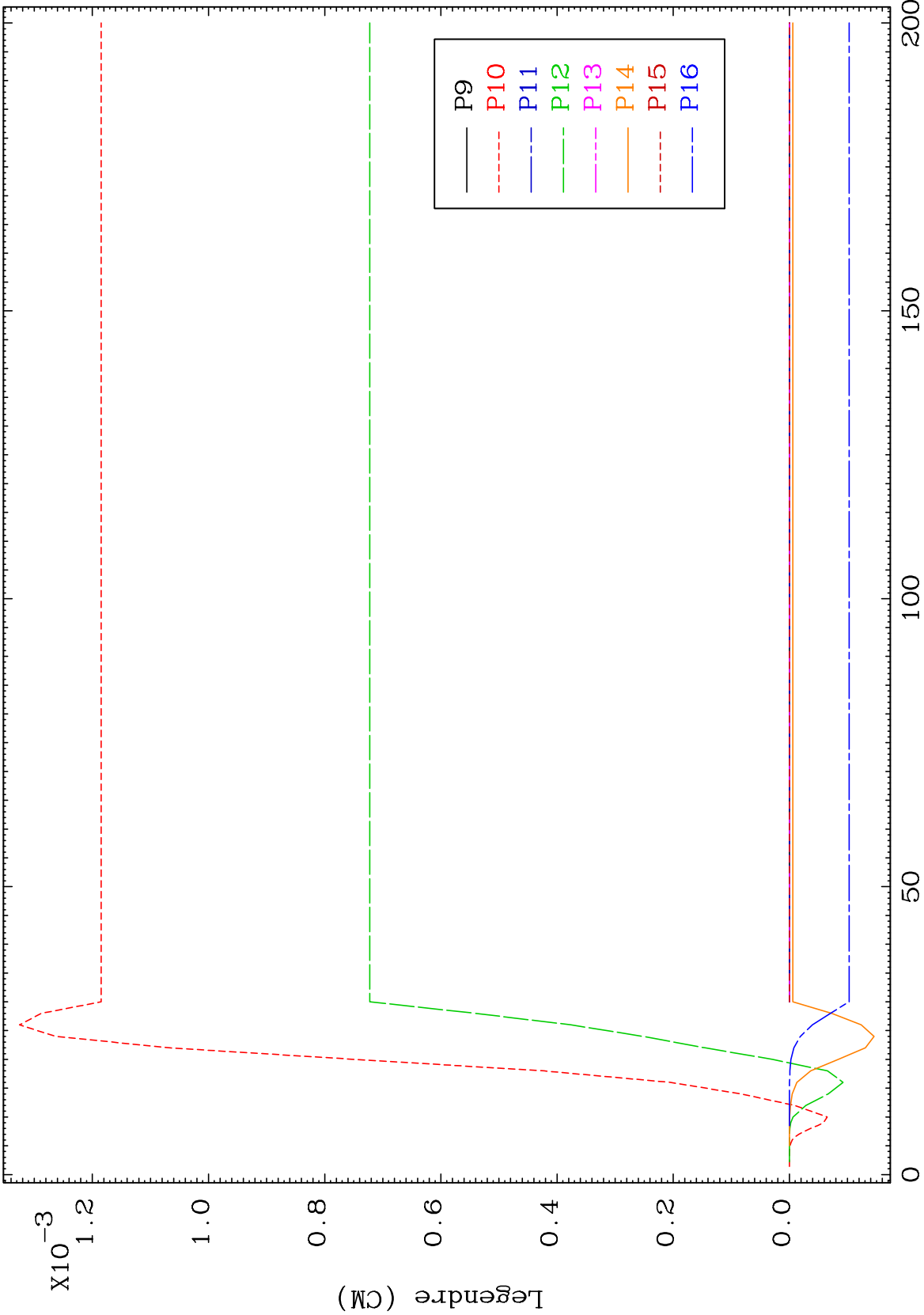
54-Xe-125



MAT 5428

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

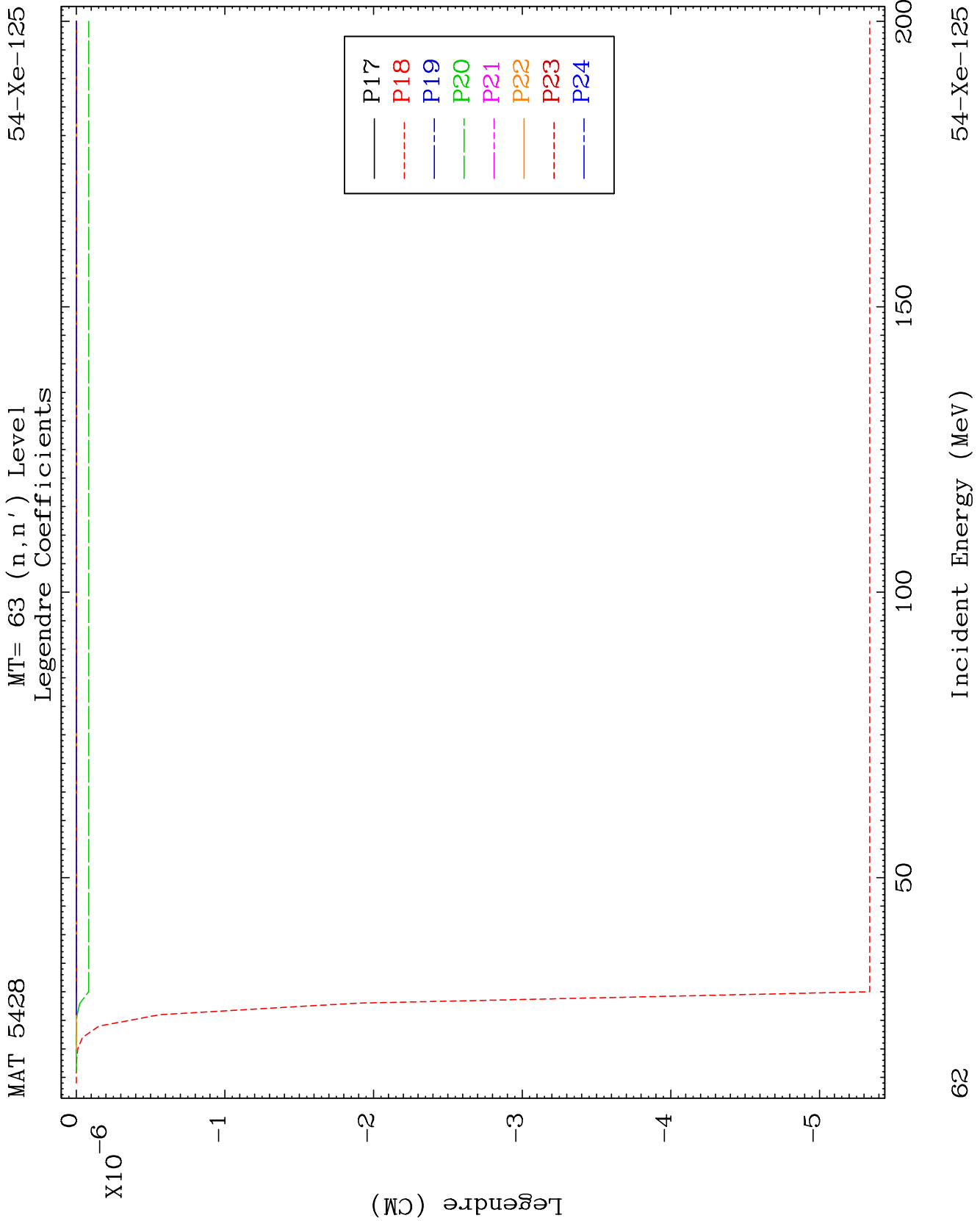
54-Xe-125

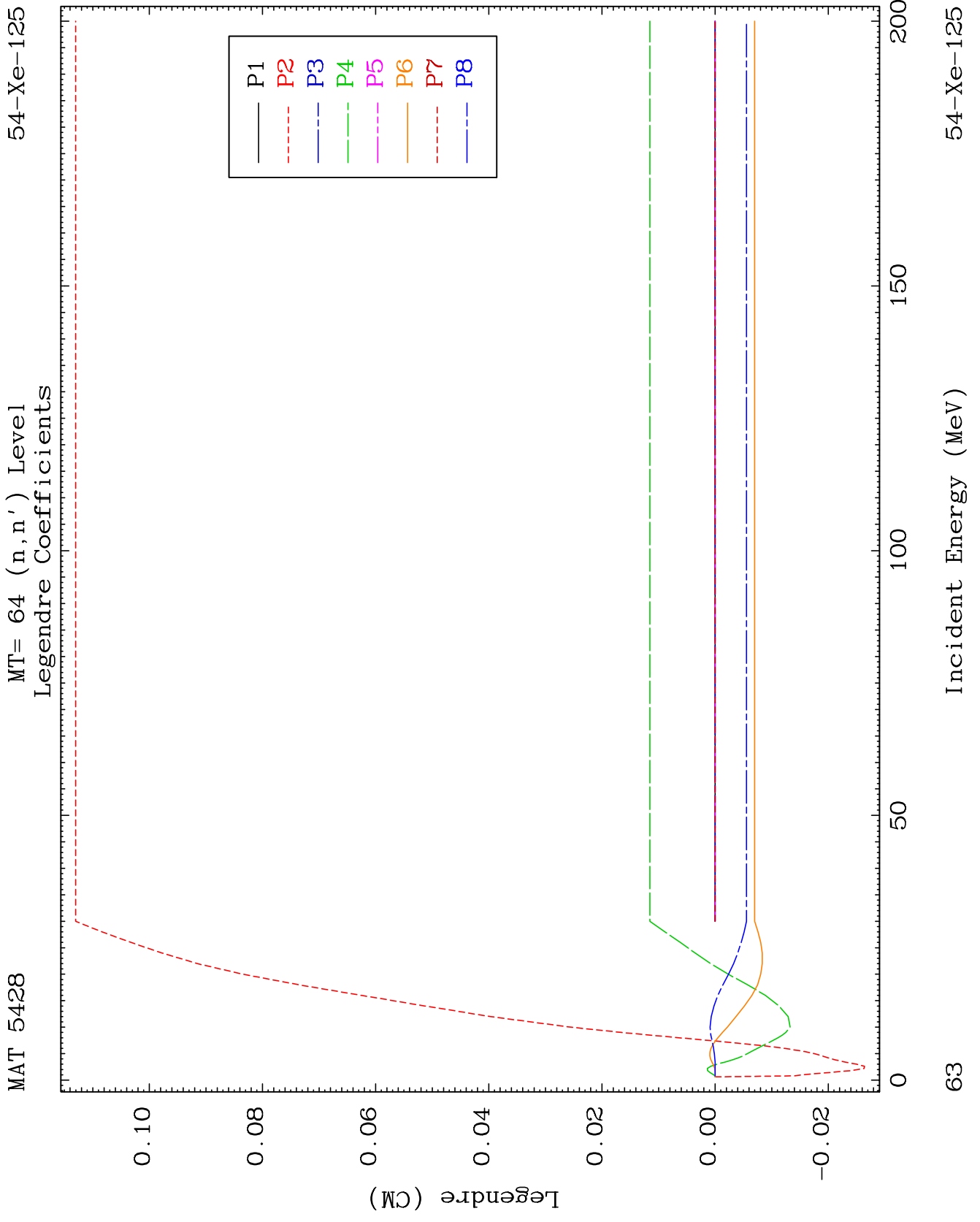


61

Incident Energy (MeV)

54-Xe-125

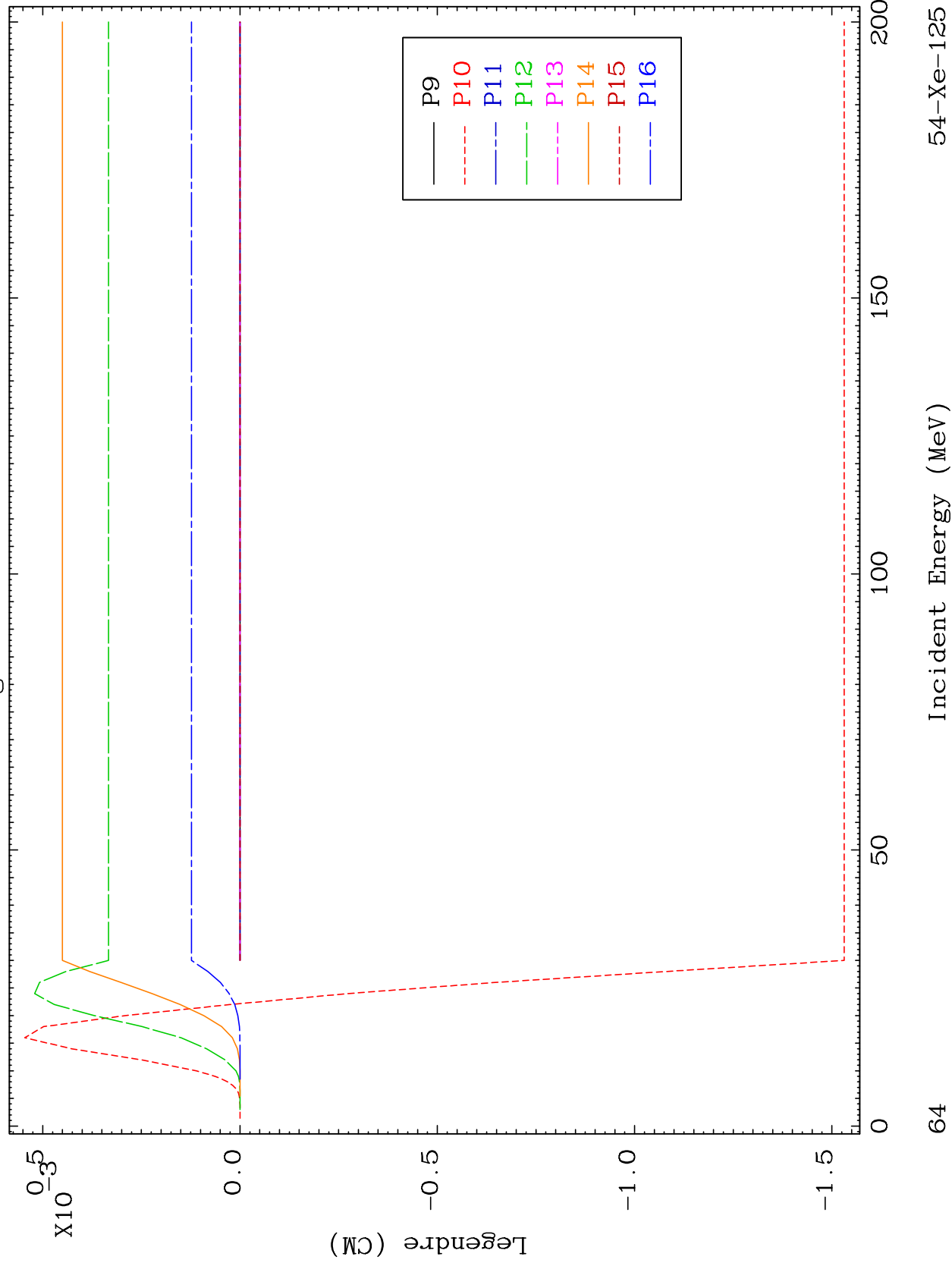




MAT 5428

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

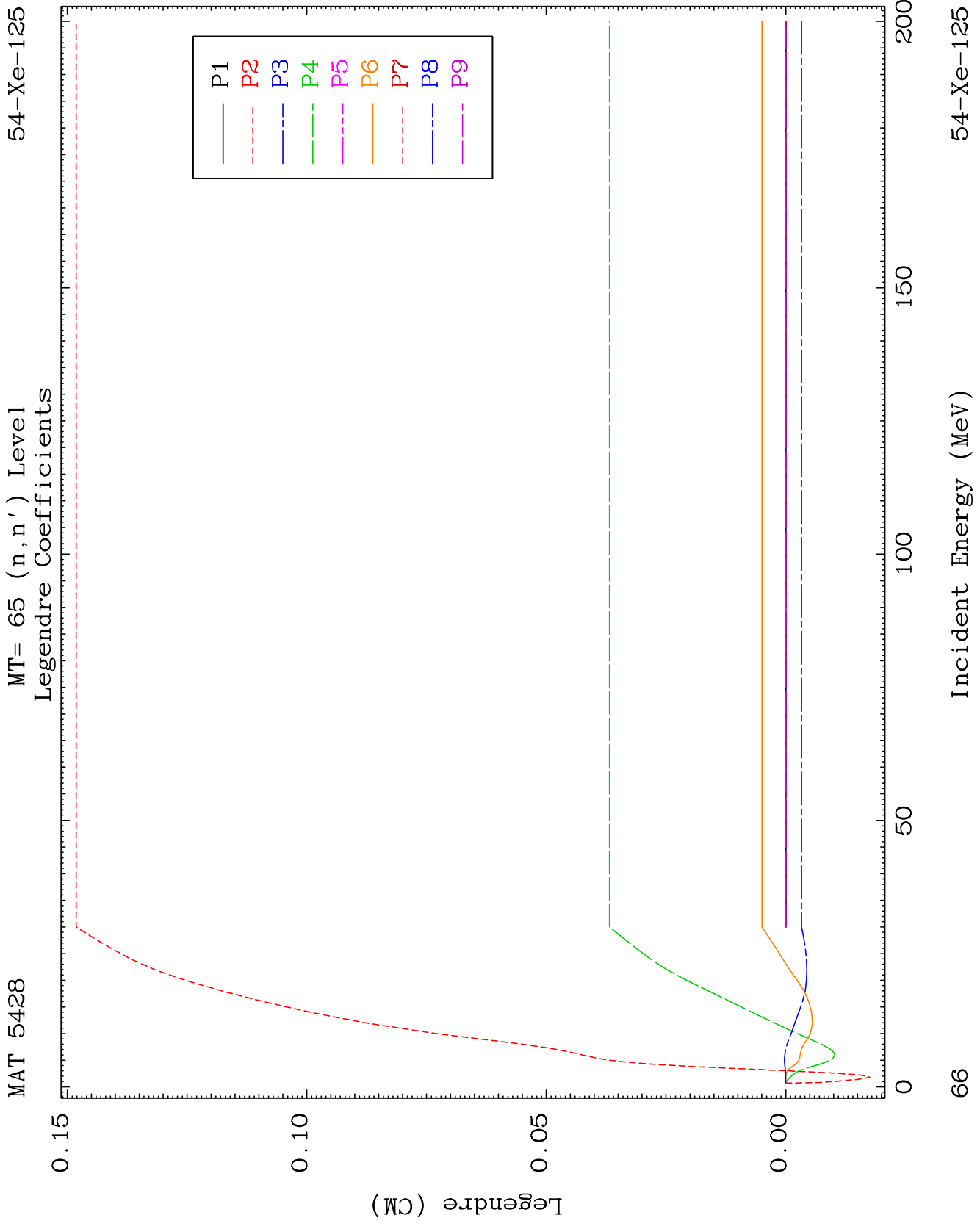
54-Xe-125



54-Xe-125

Incident Energy (MeV)

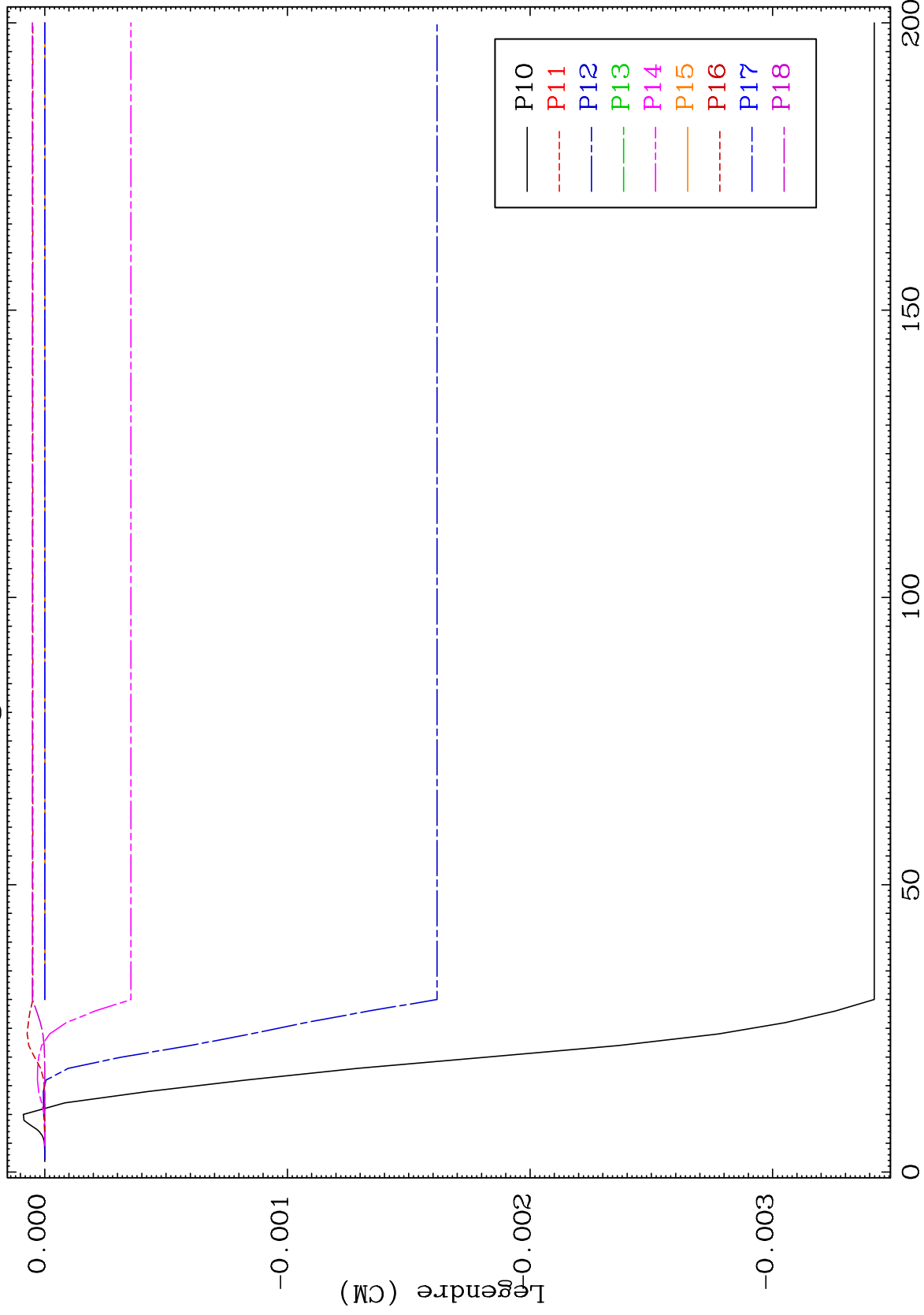
64



MAT 5428

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

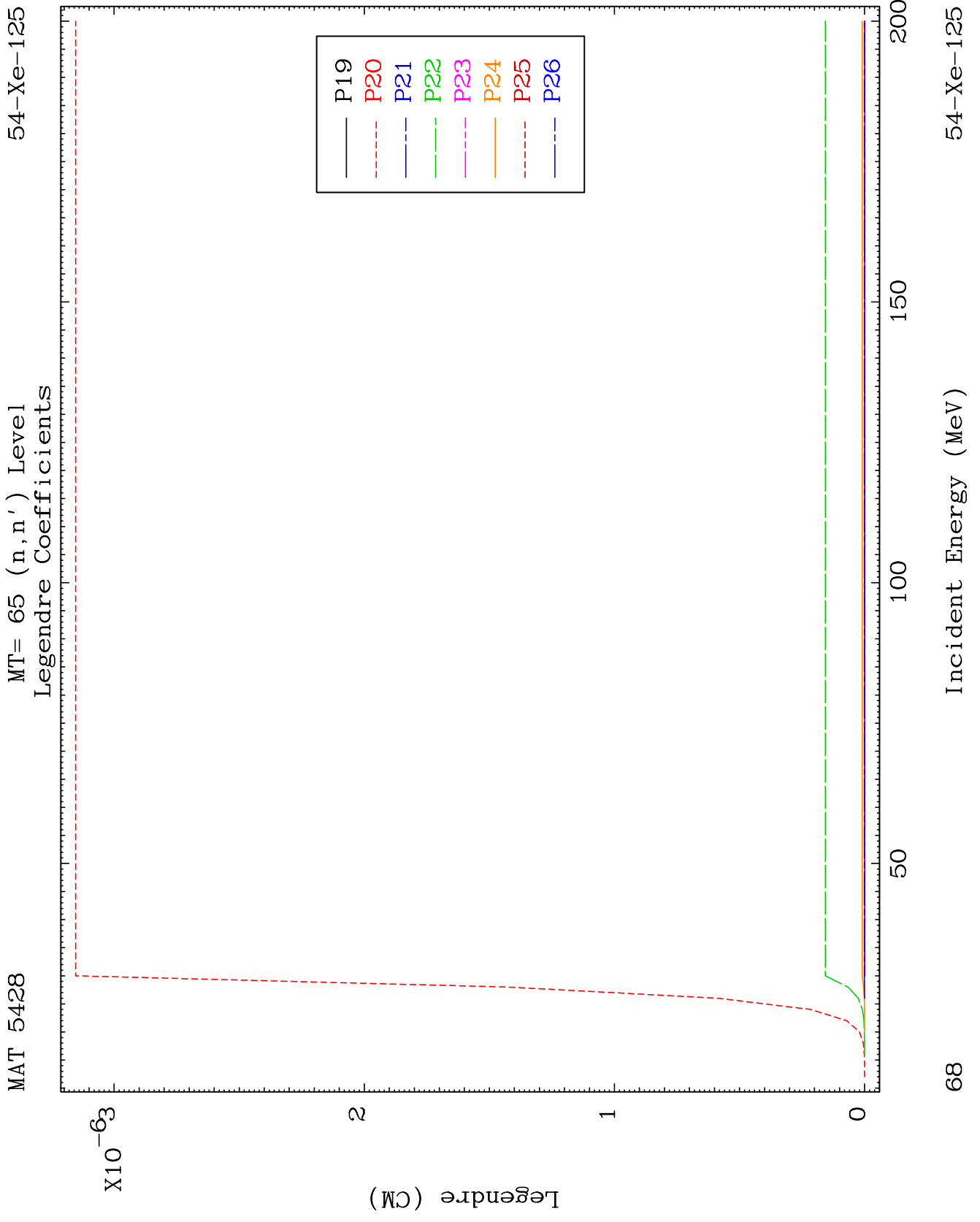
54-Xe-125



67

Incident Energy (MeV)

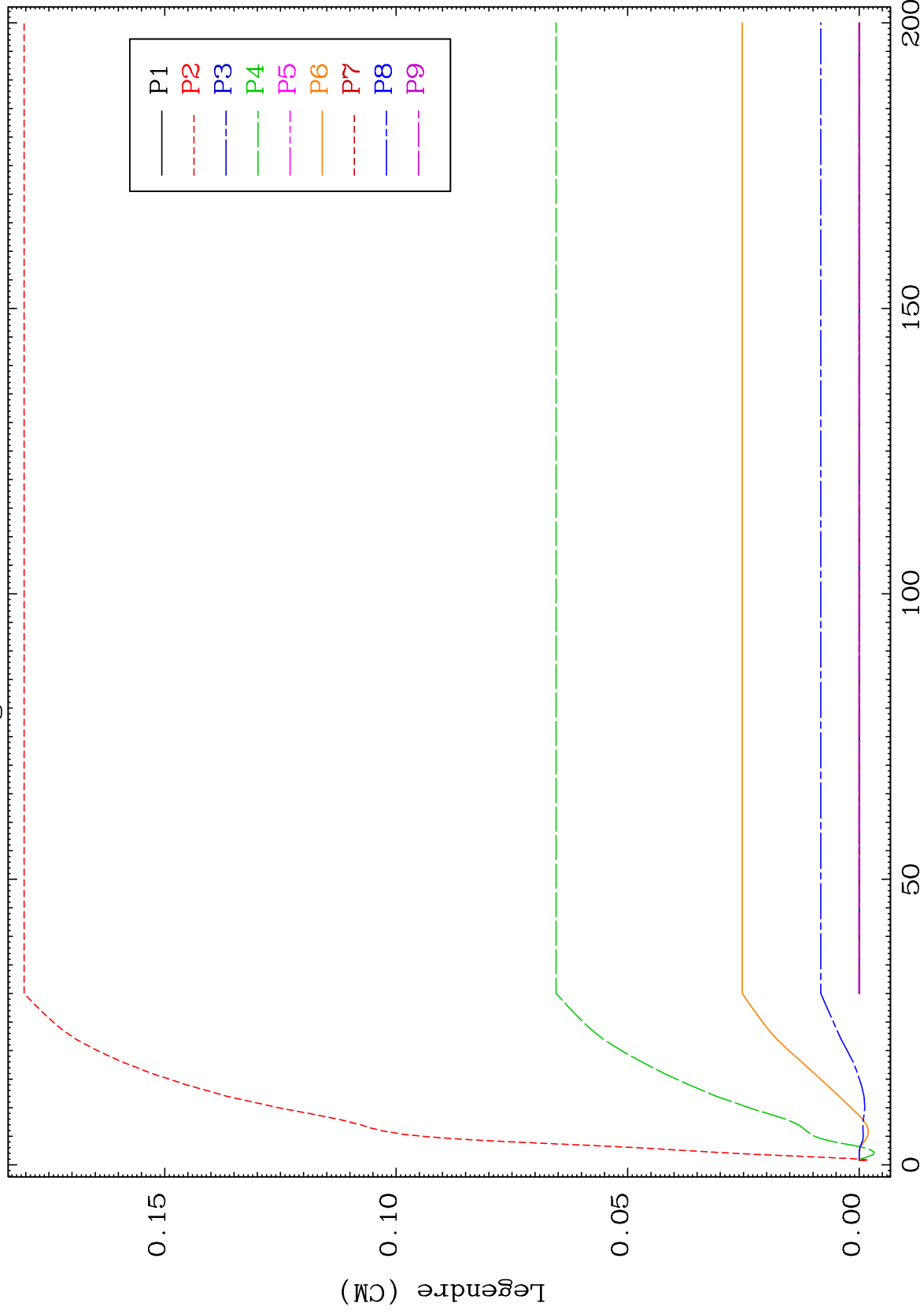
54-Xe-125



MAT 5428

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

54-Xe-125



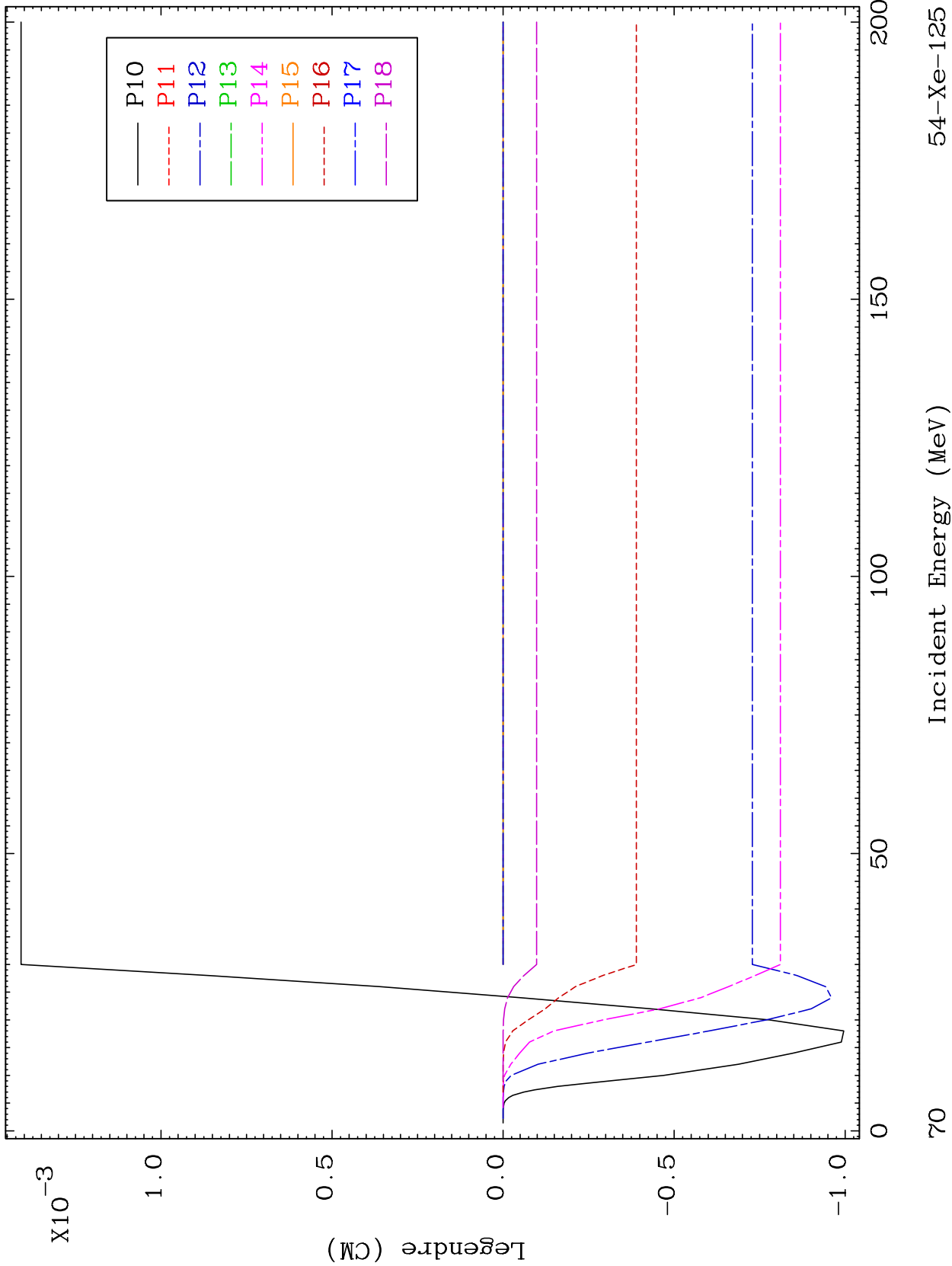
69

54-Xe-125

MAT 5428

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

54-Xe-125



54-Xe-125

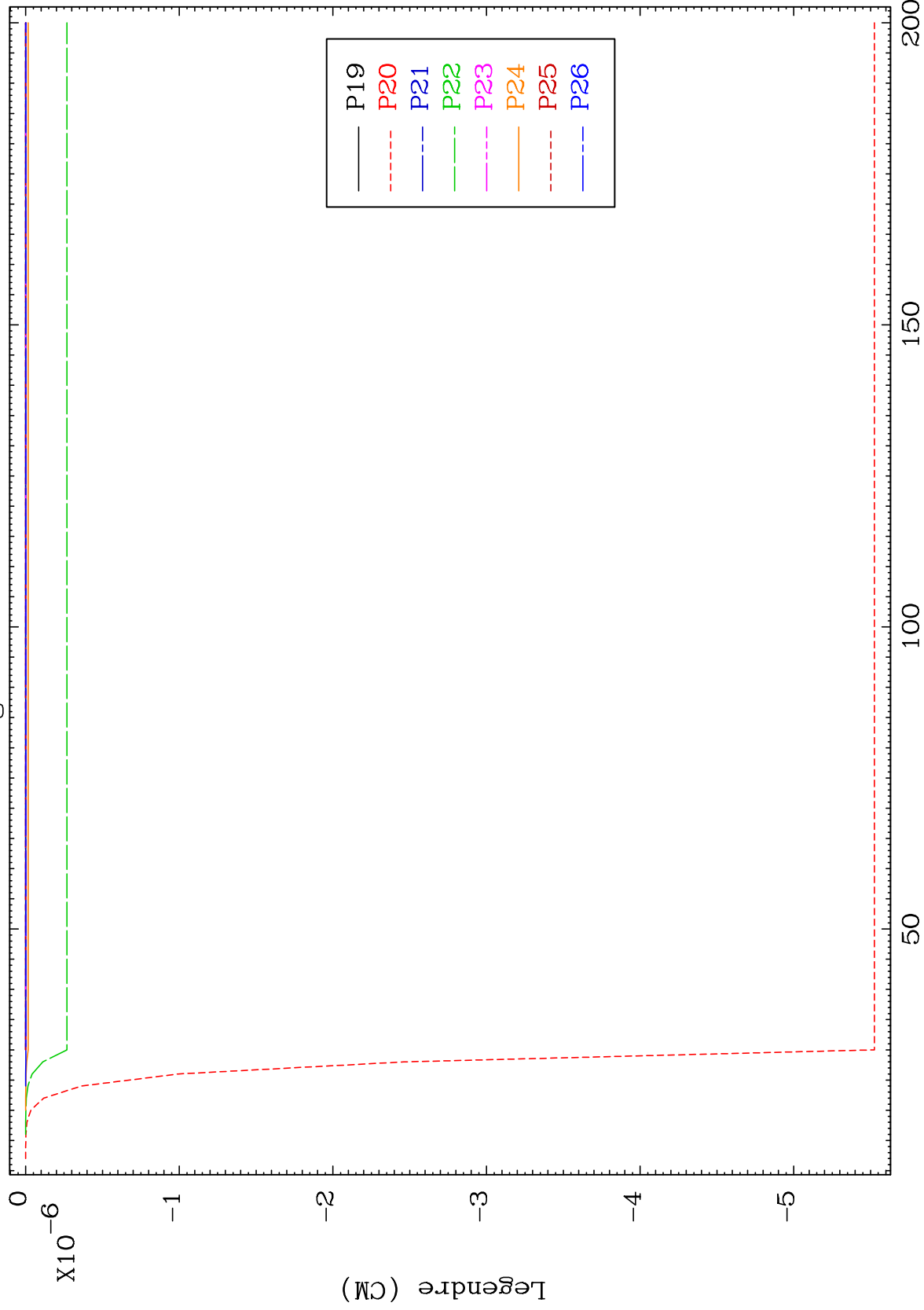
Incident Energy (MeV)

70

MAT 5428

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

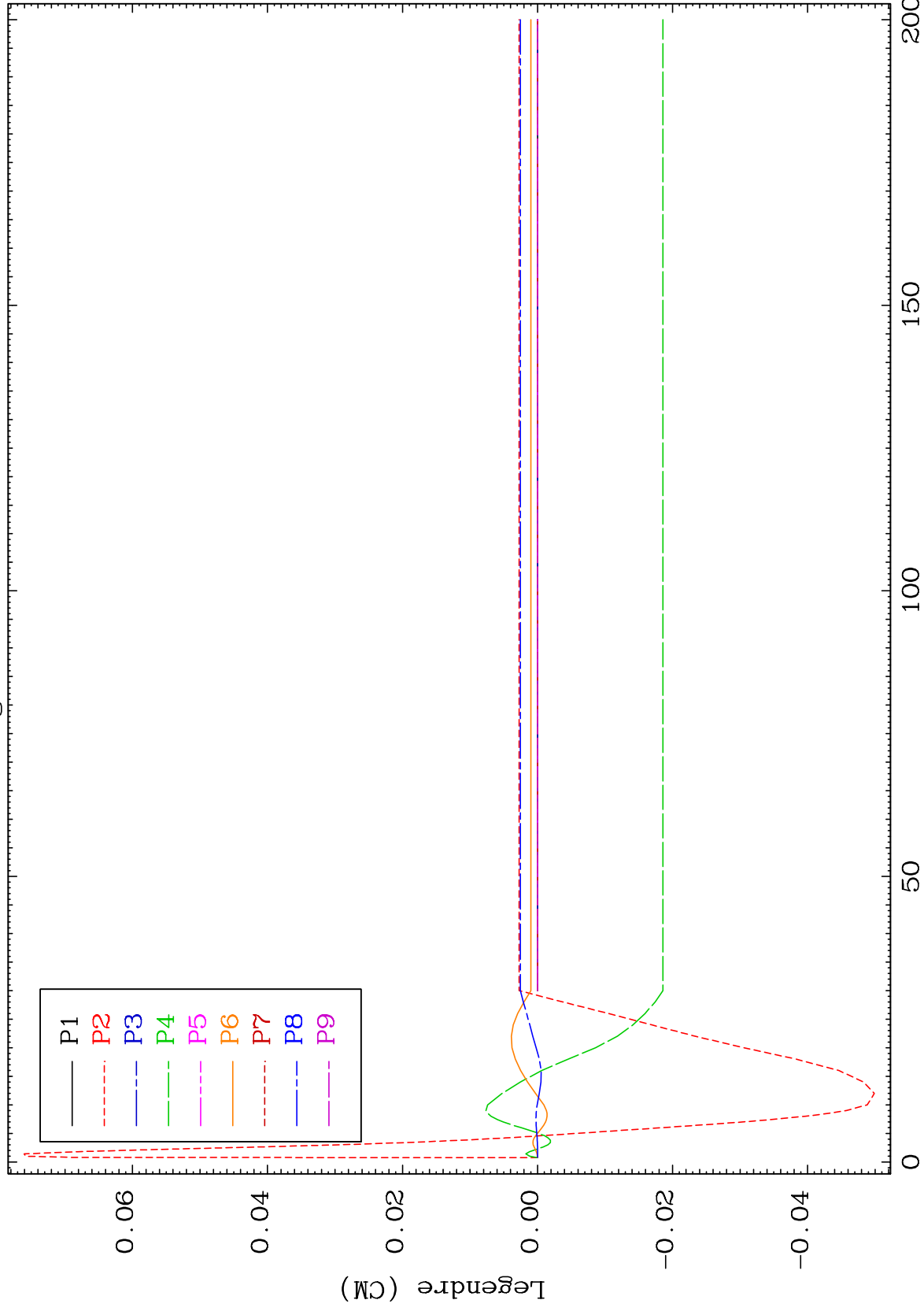
54-Xe-125



MAT 5428

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

54-Xe-125



72

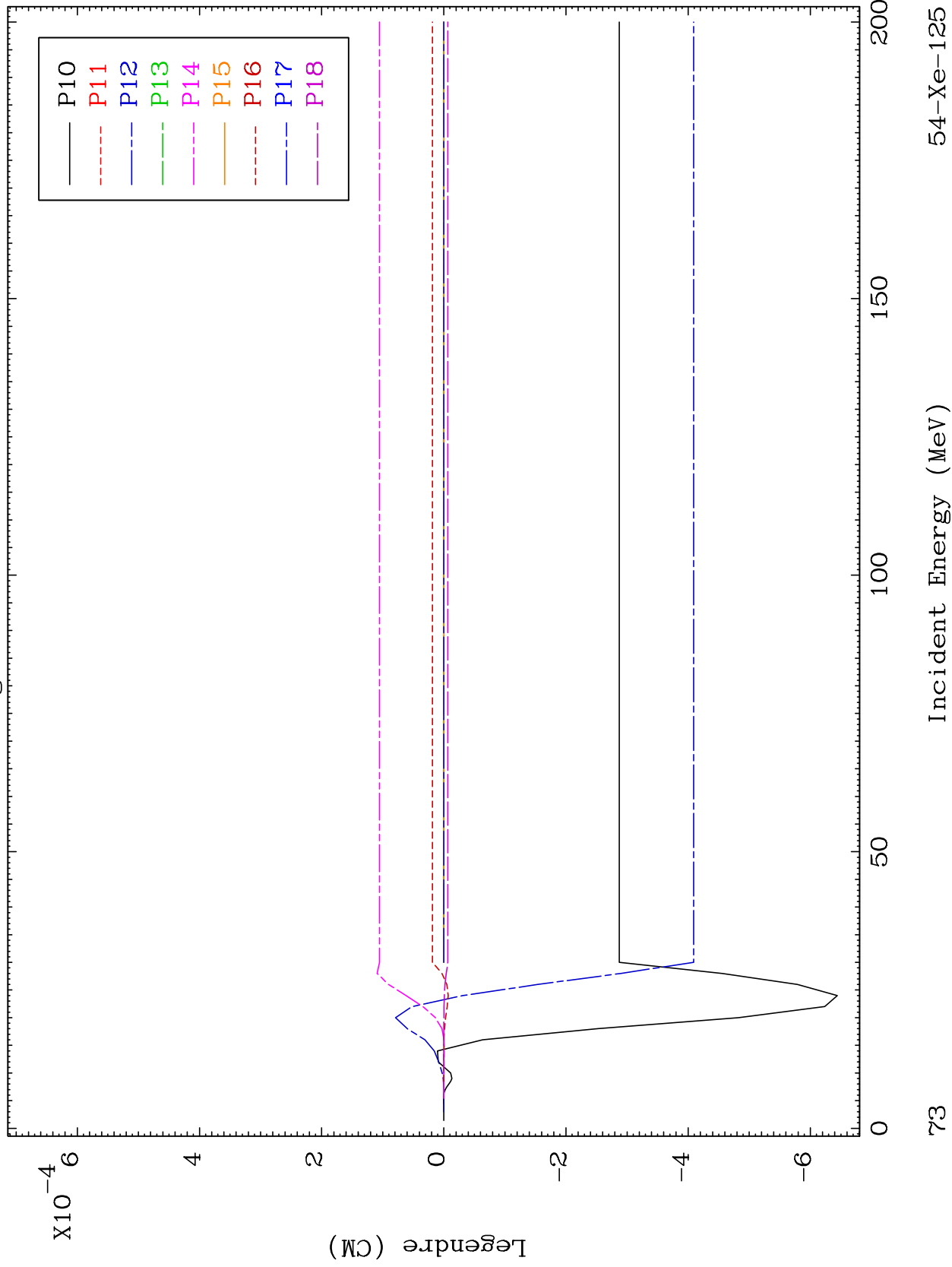
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

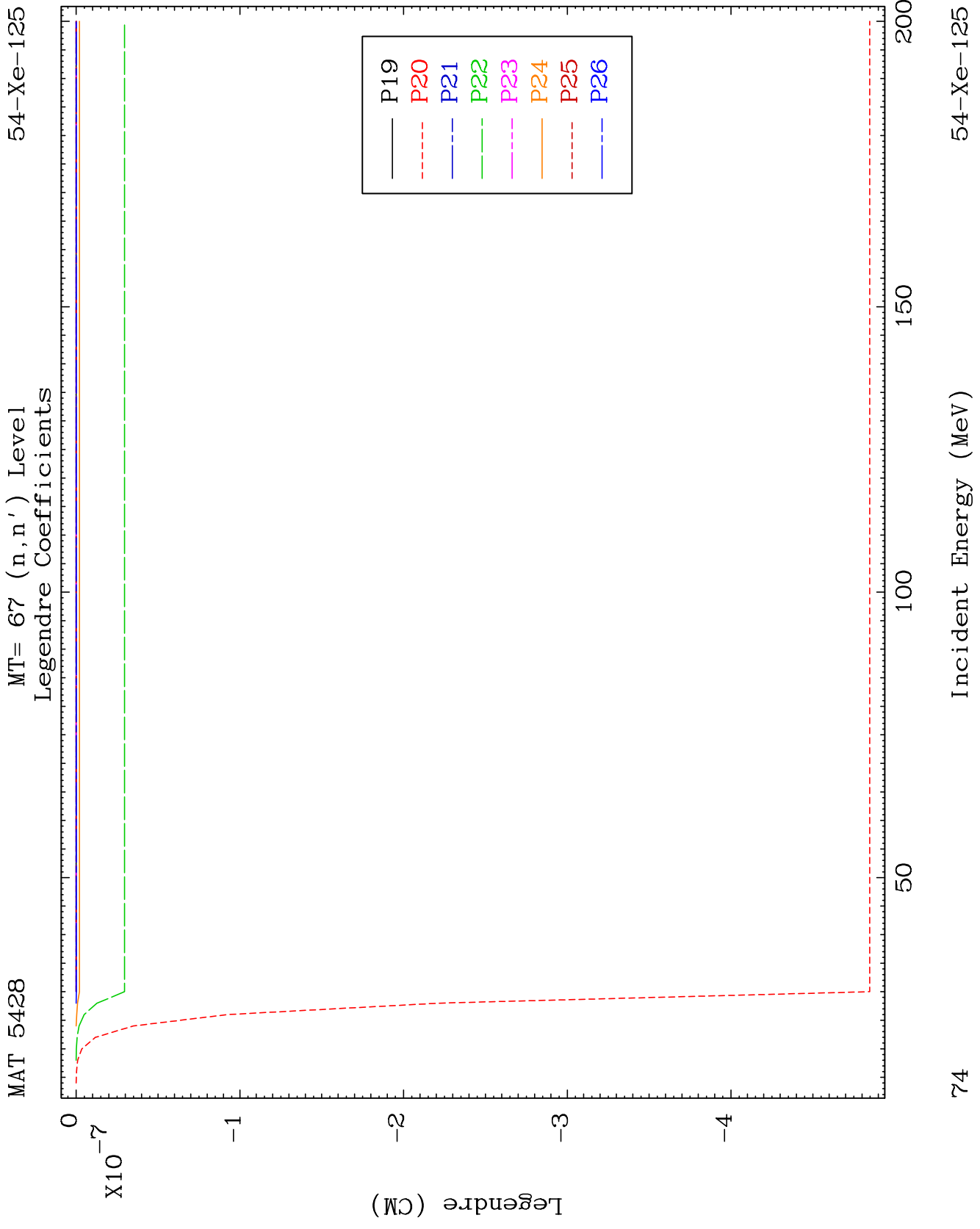
54-Xe-125



73

Incident Energy (MeV)

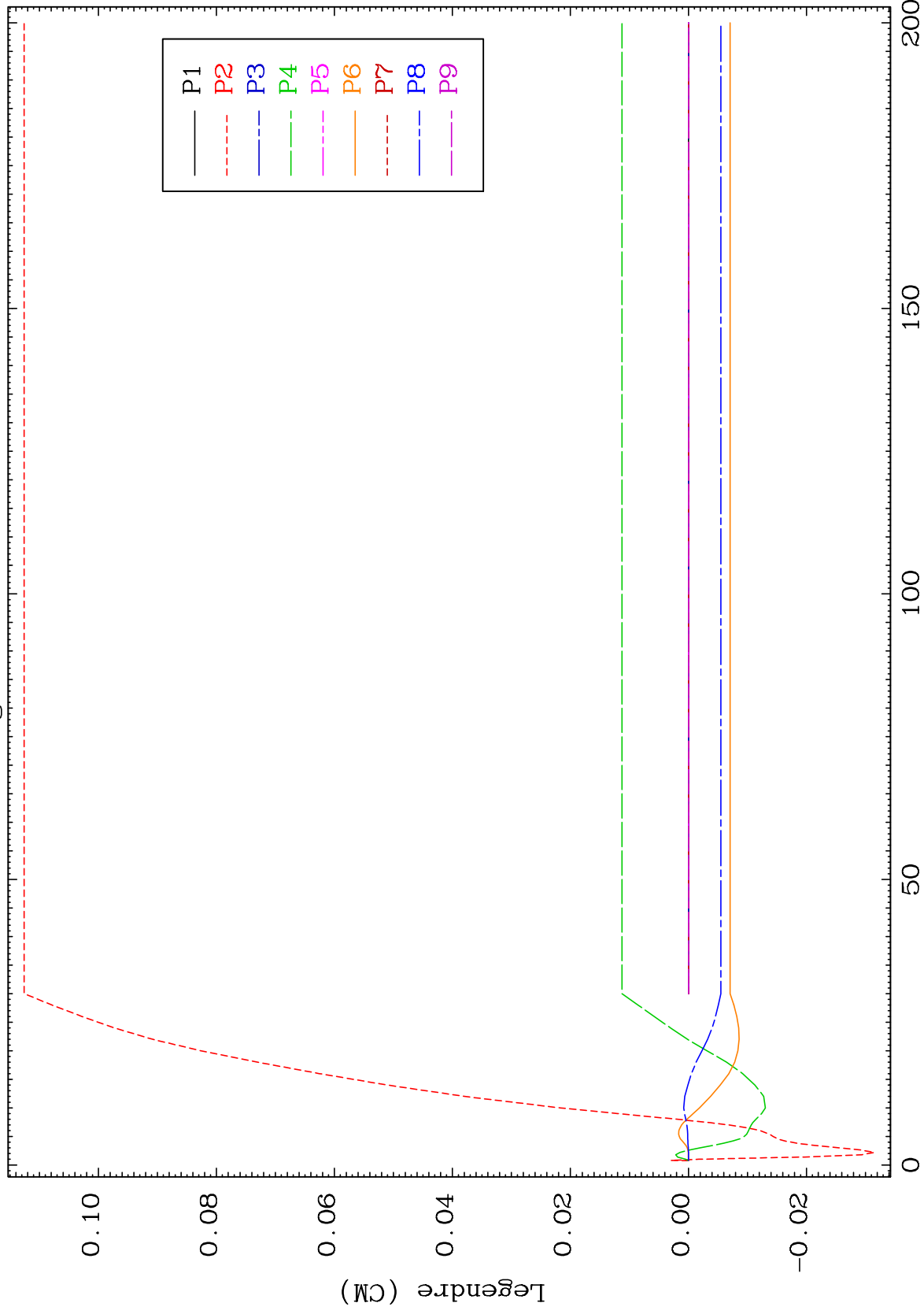
54-Xe-125



MAT 5428

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

54-Xe-125



54-Xe-125

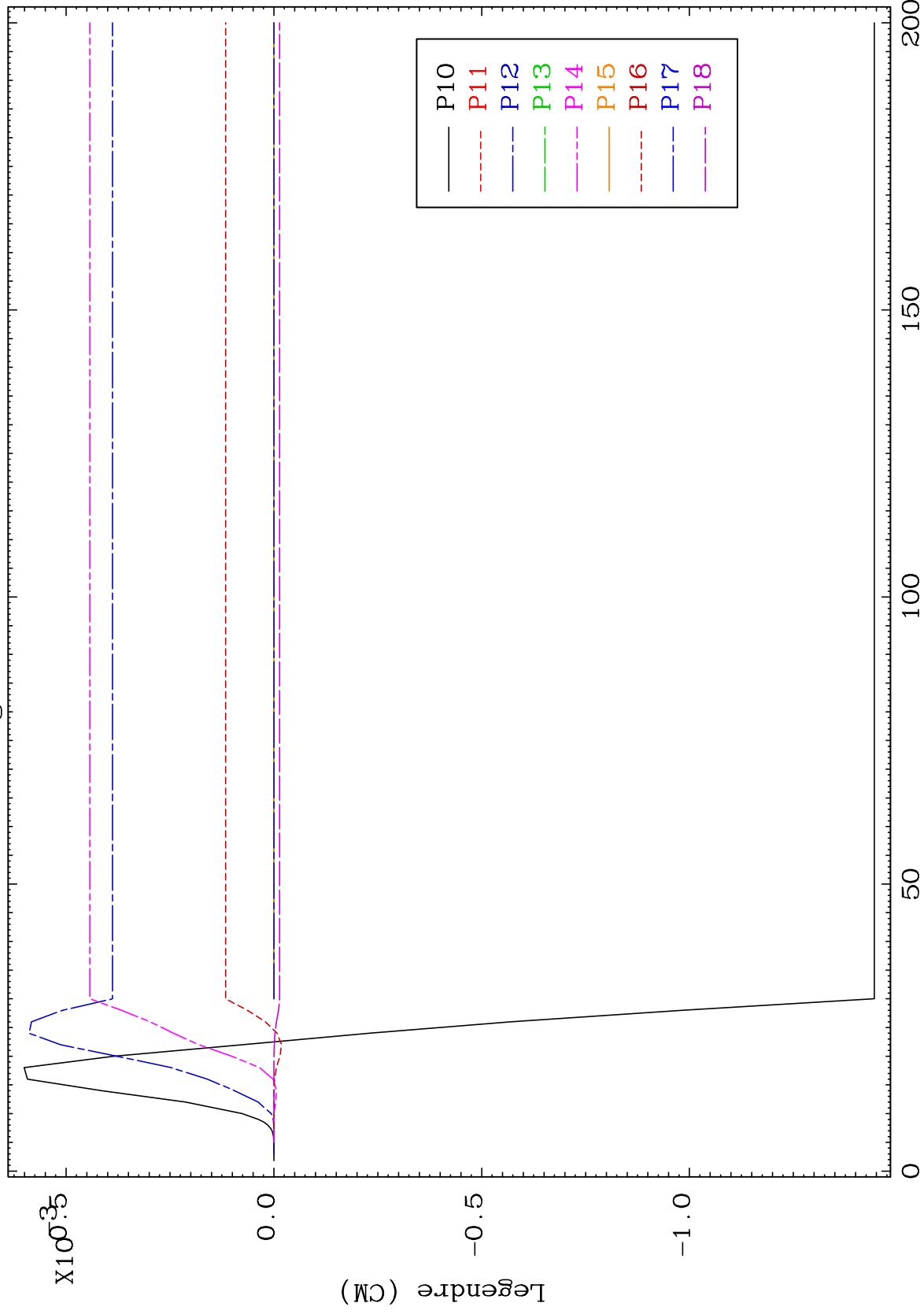
Incident Energy (MeV)

75

MAT 5428

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

54-Xe-125



76

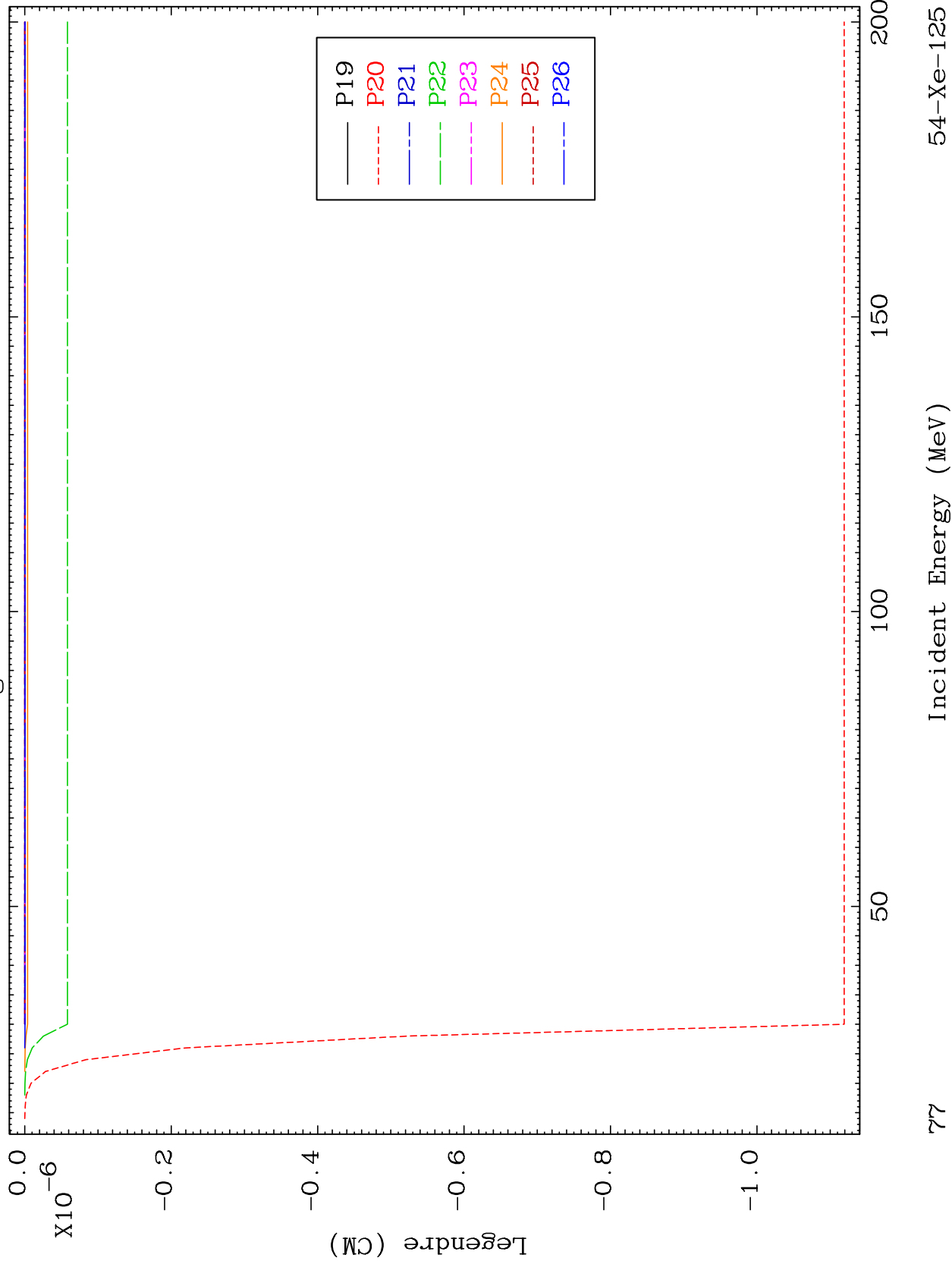
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

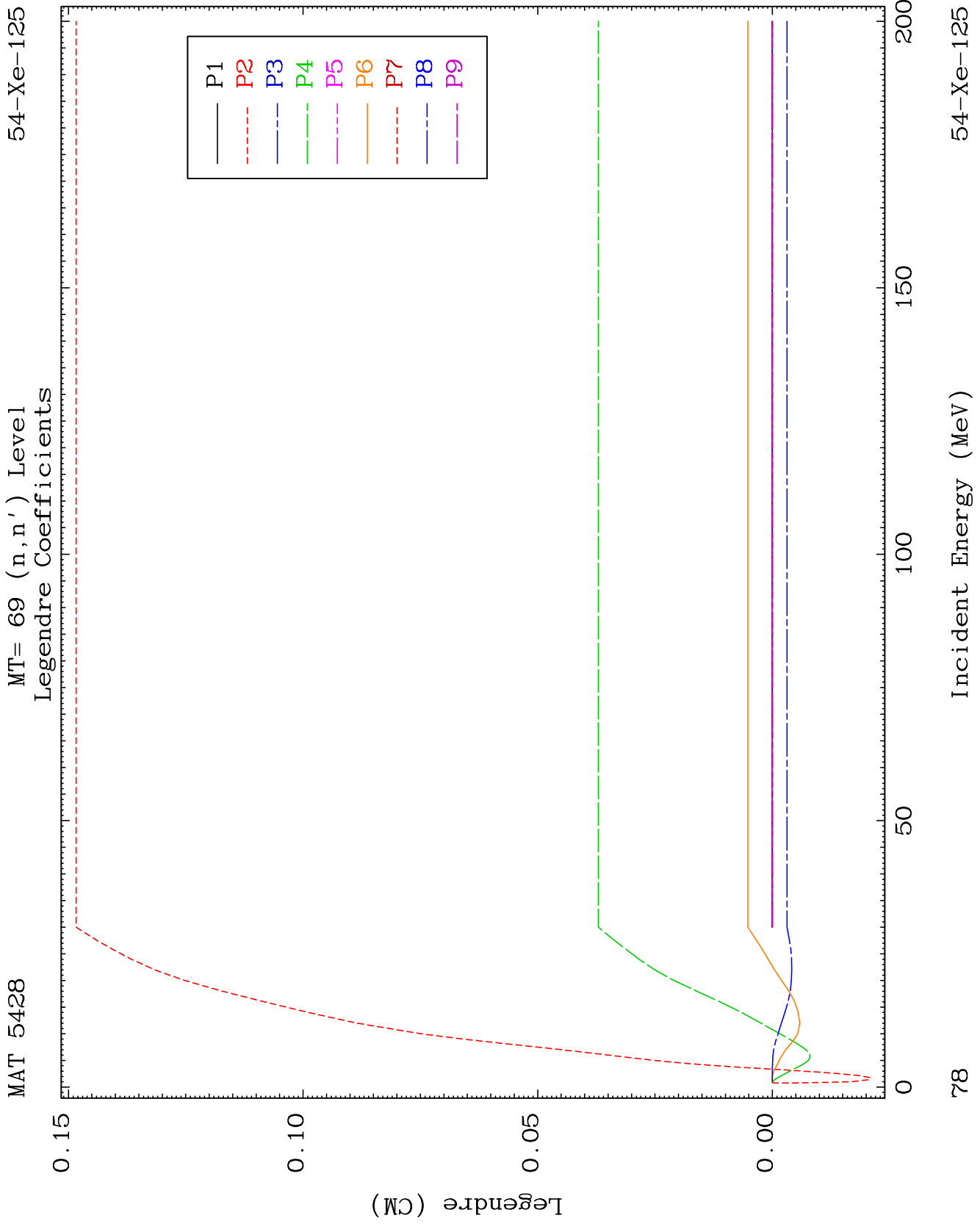
54-Xe-125



77

Incident Energy (MeV)

54-Xe-125



54-Xe-125

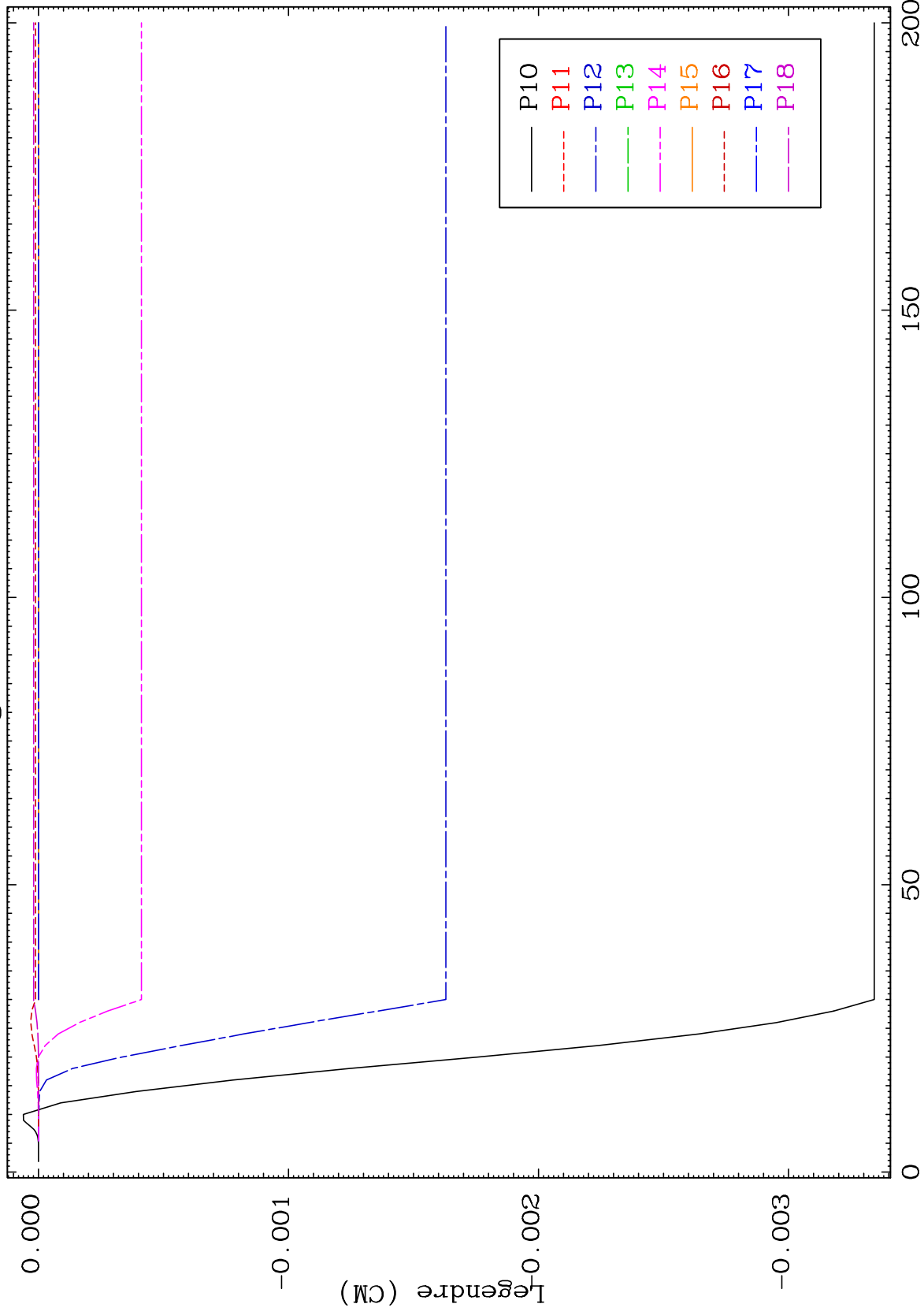
Incident Energy (MeV)

78

MAT 5428

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

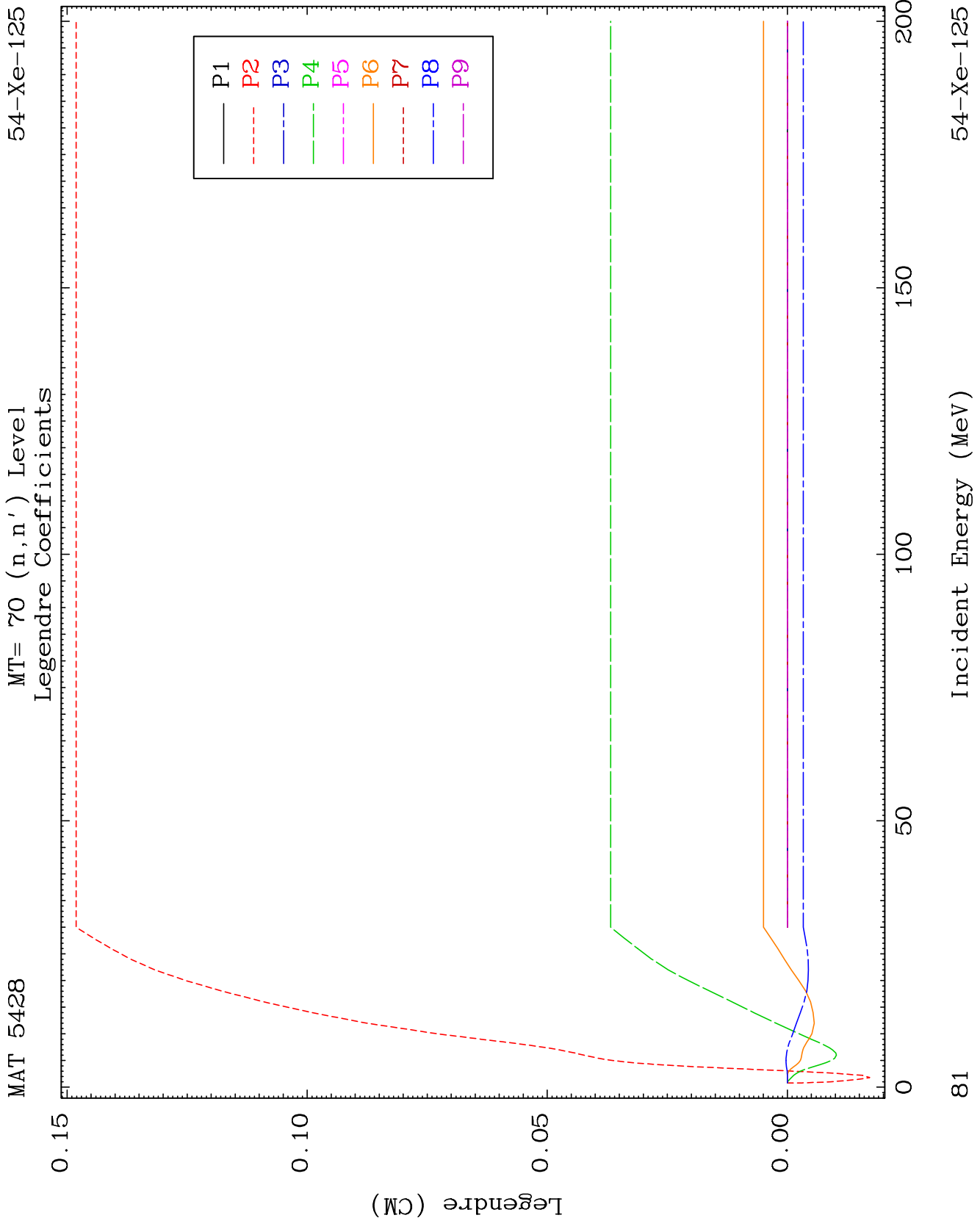
54-Xe-125



79

Incident Energy (MeV)

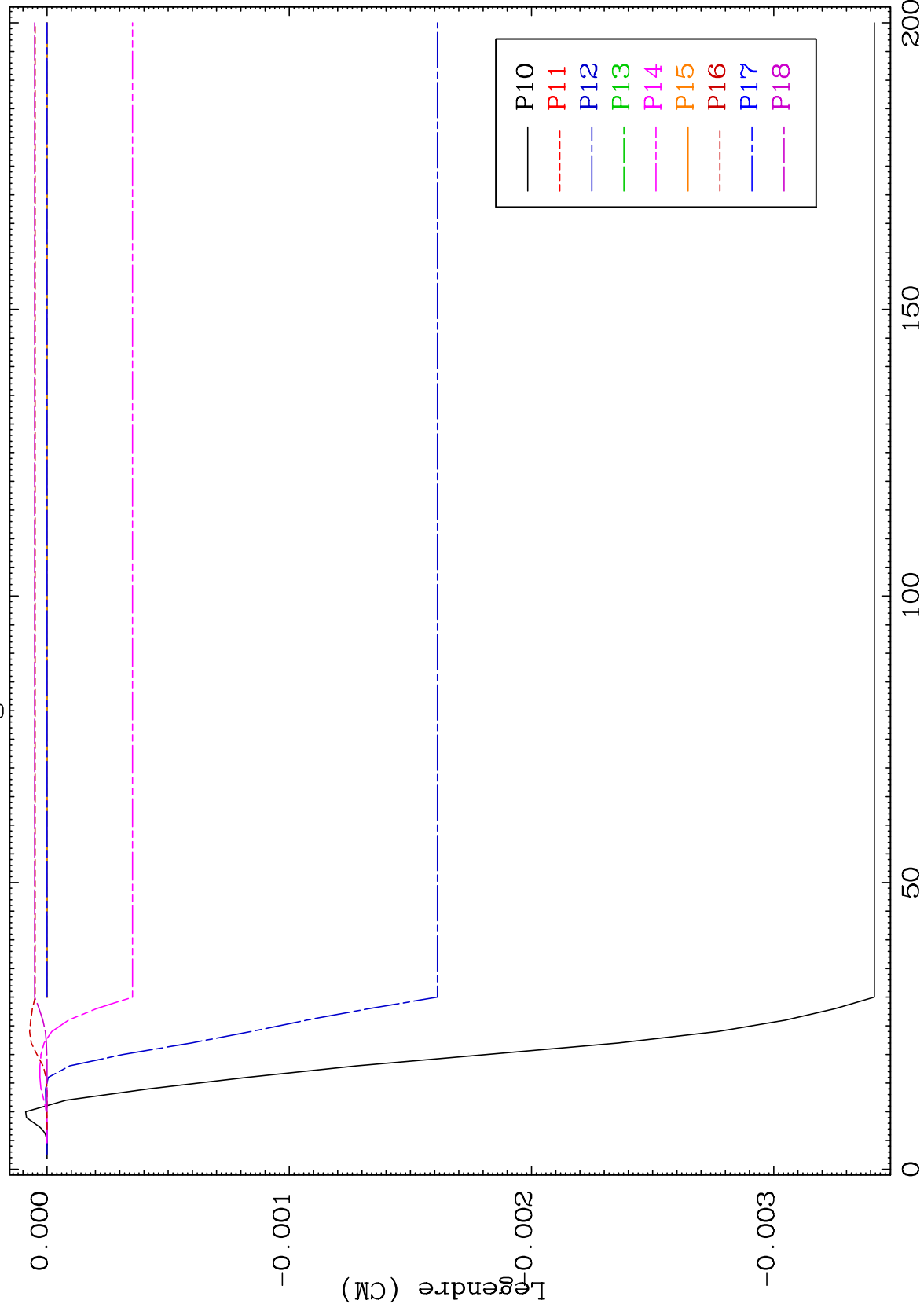
54-Xe-125



MAT 5428

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

54-Xe-125



82

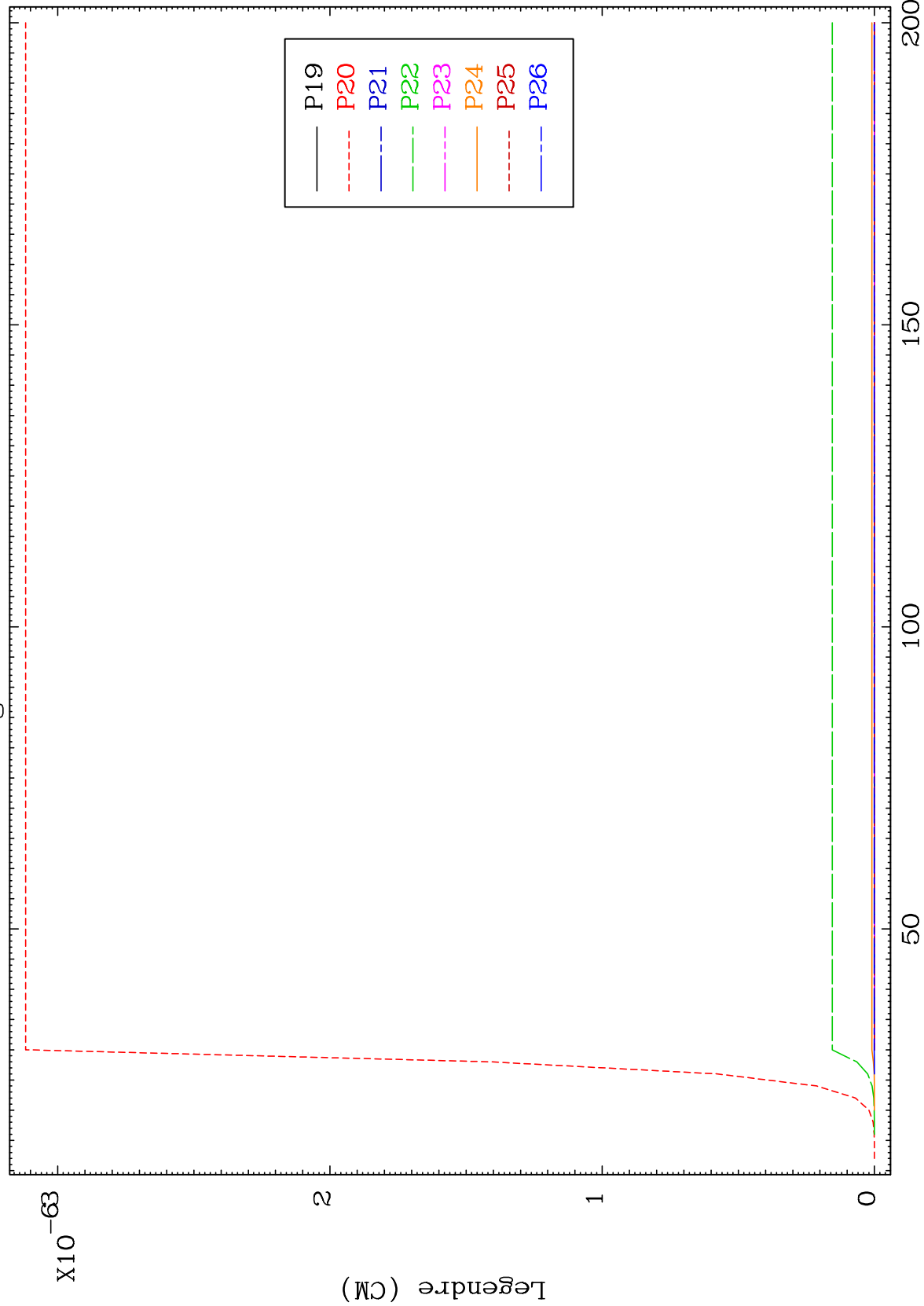
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



83

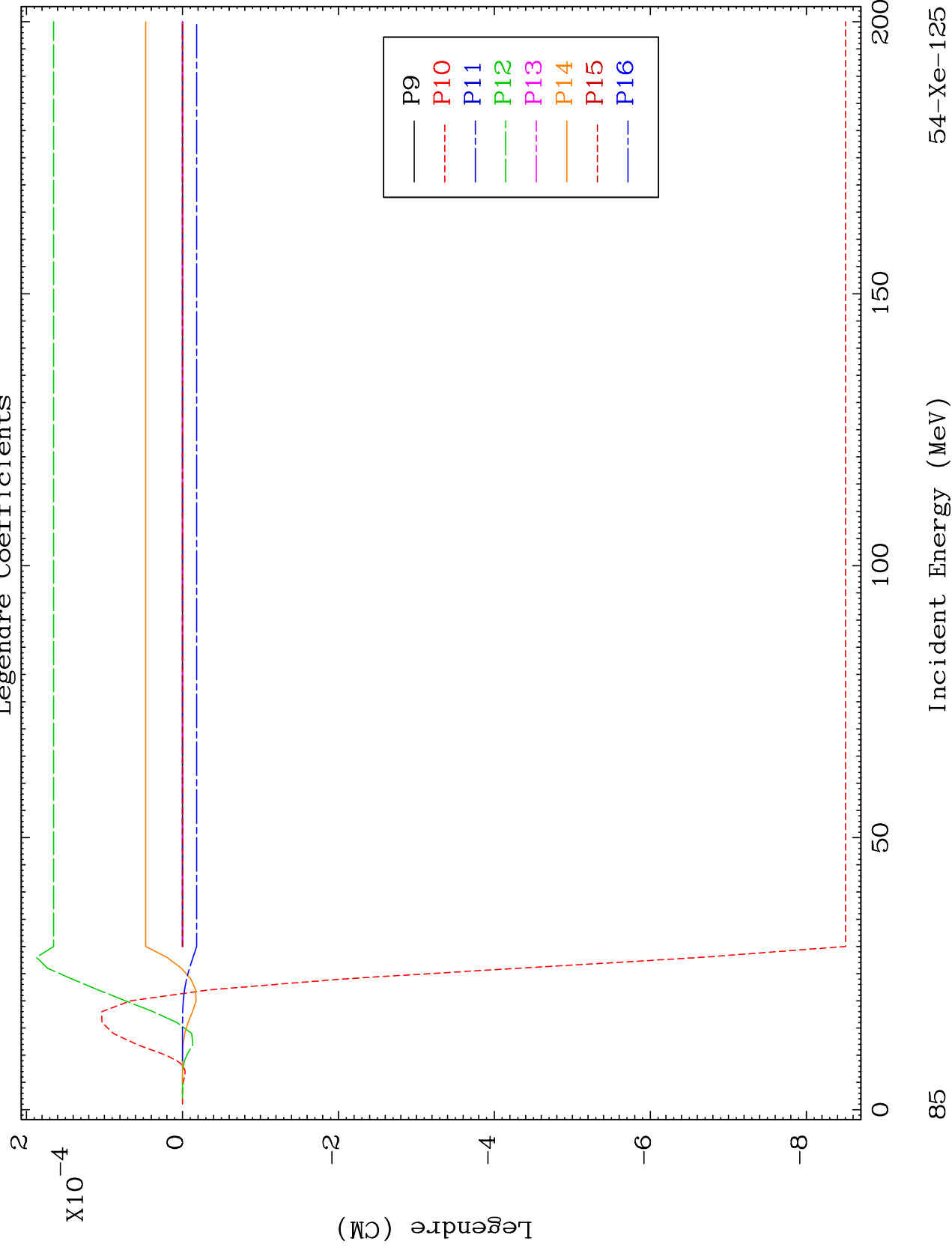
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



54-Xe-125

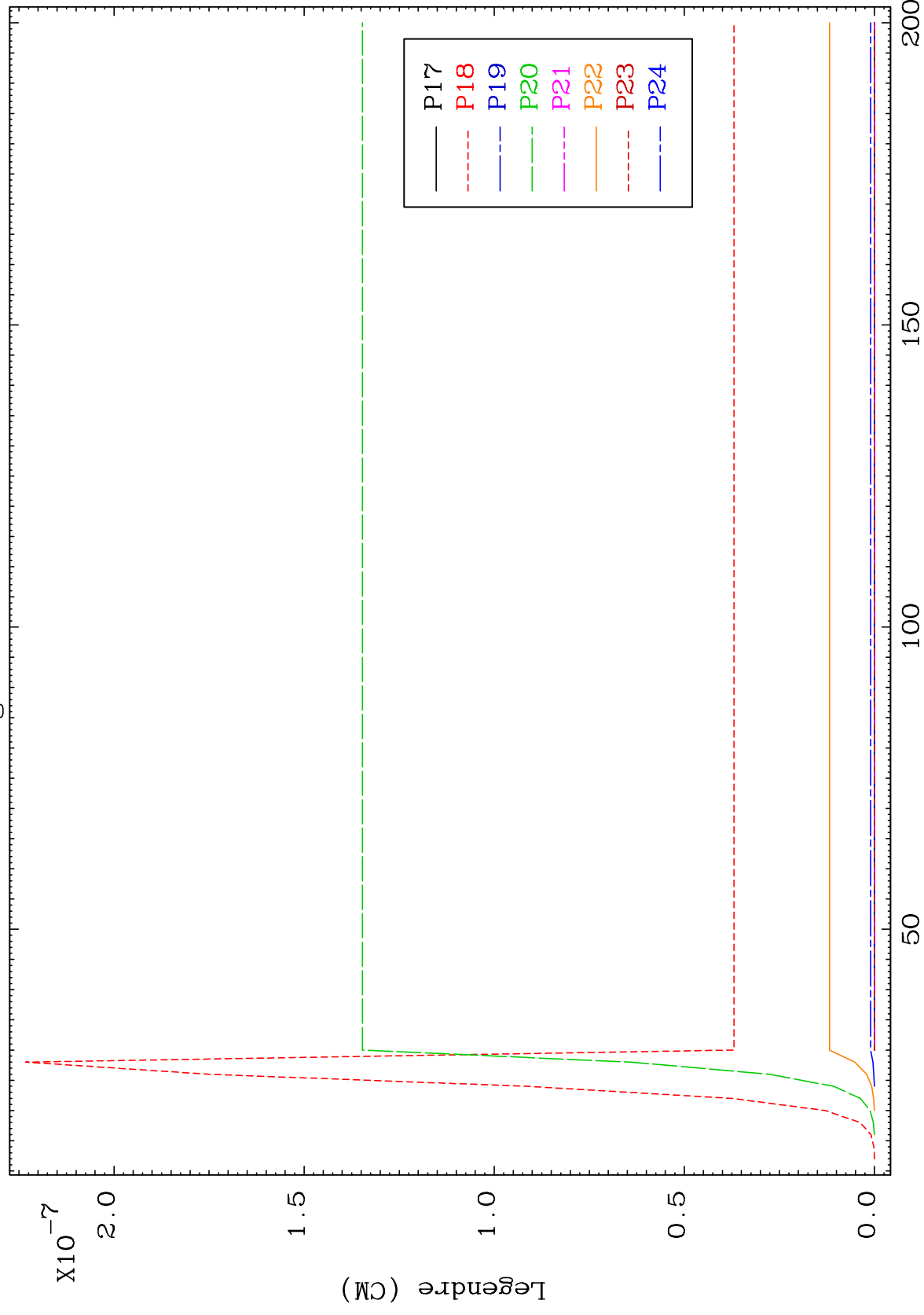
Incident Energy (MeV)

85

MAT 5428

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

54-Xe-125



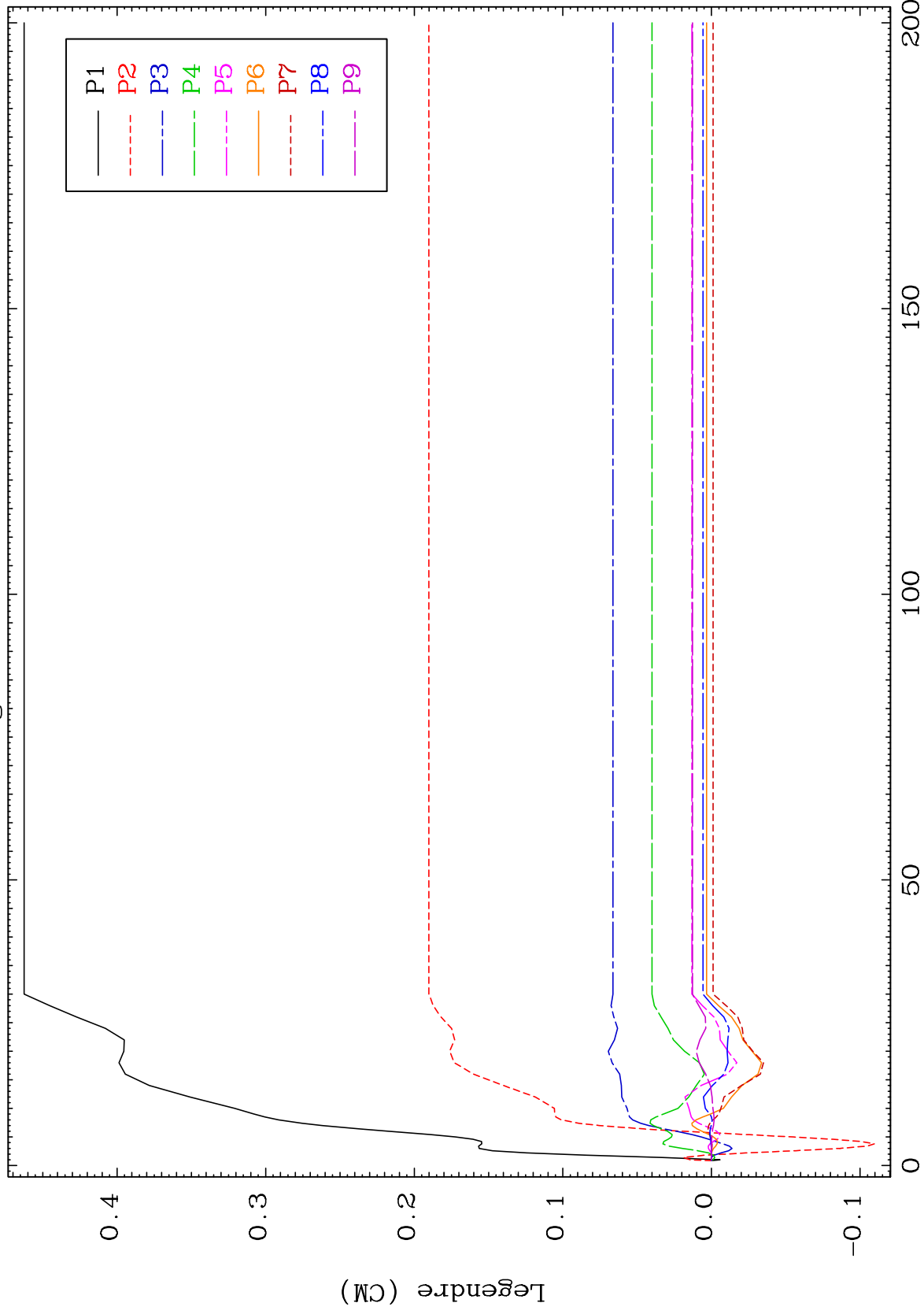
86

54-Xe-125

MAT 5428

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

54-Xe-125



87

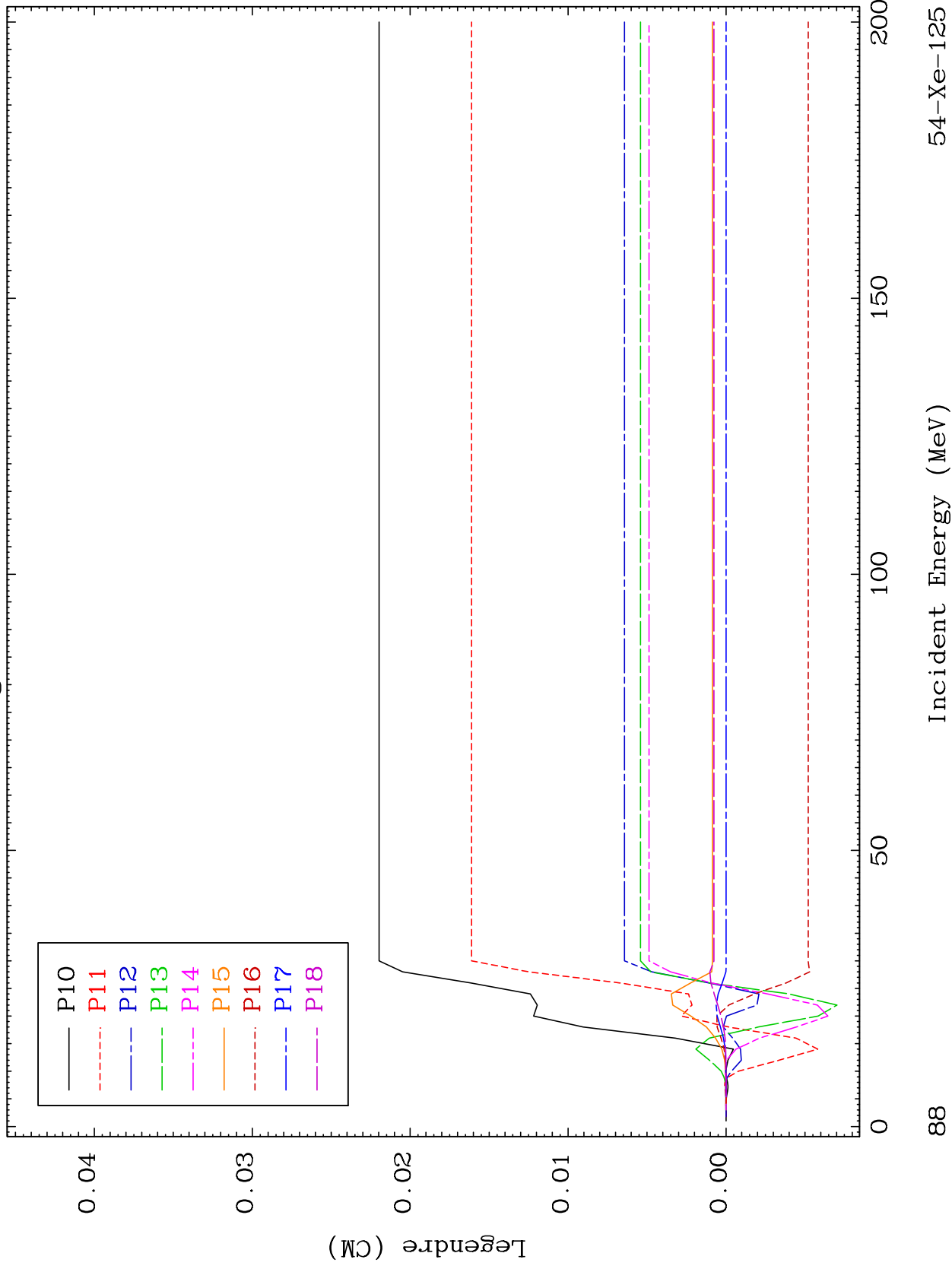
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



88

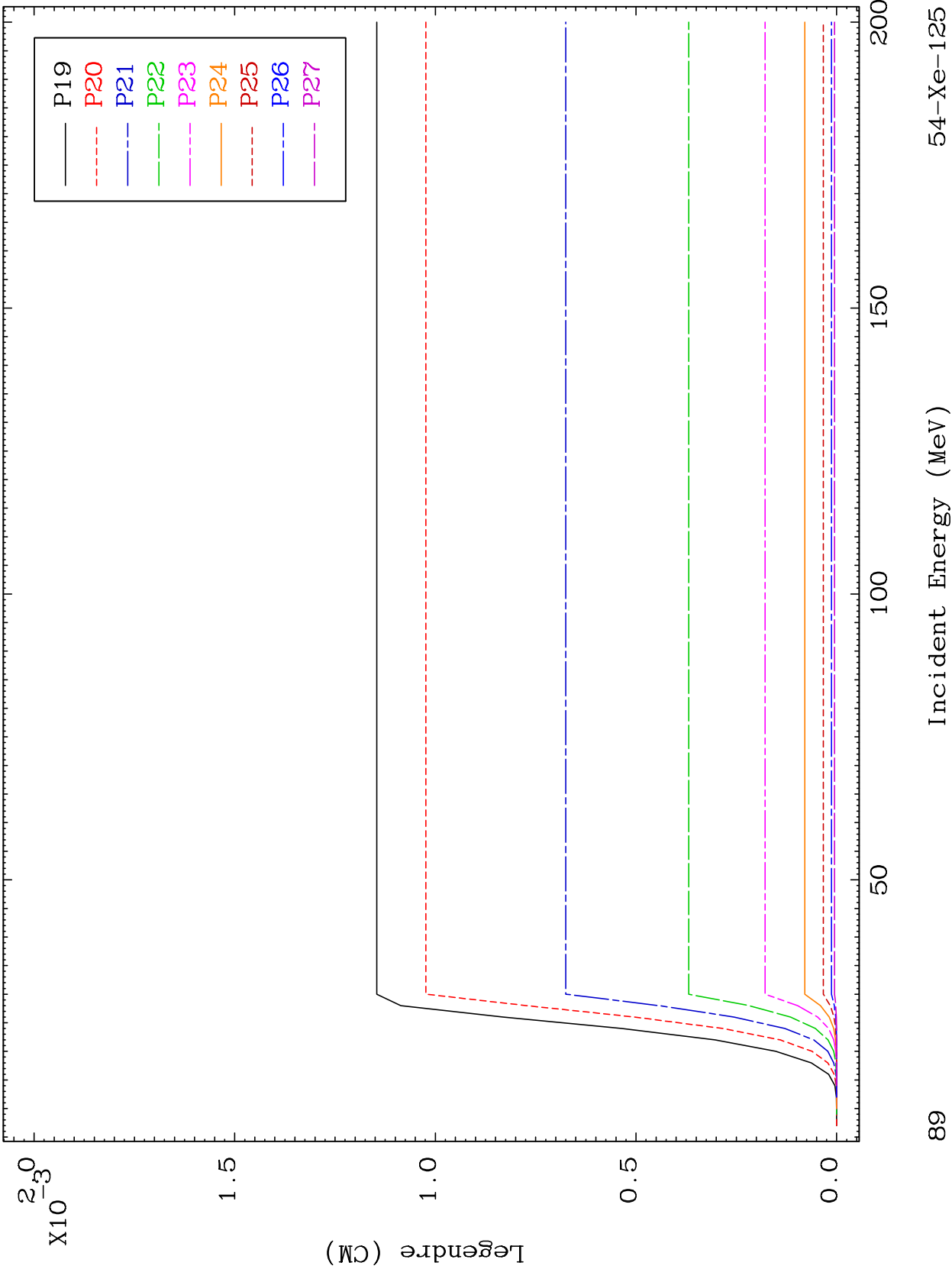
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



89

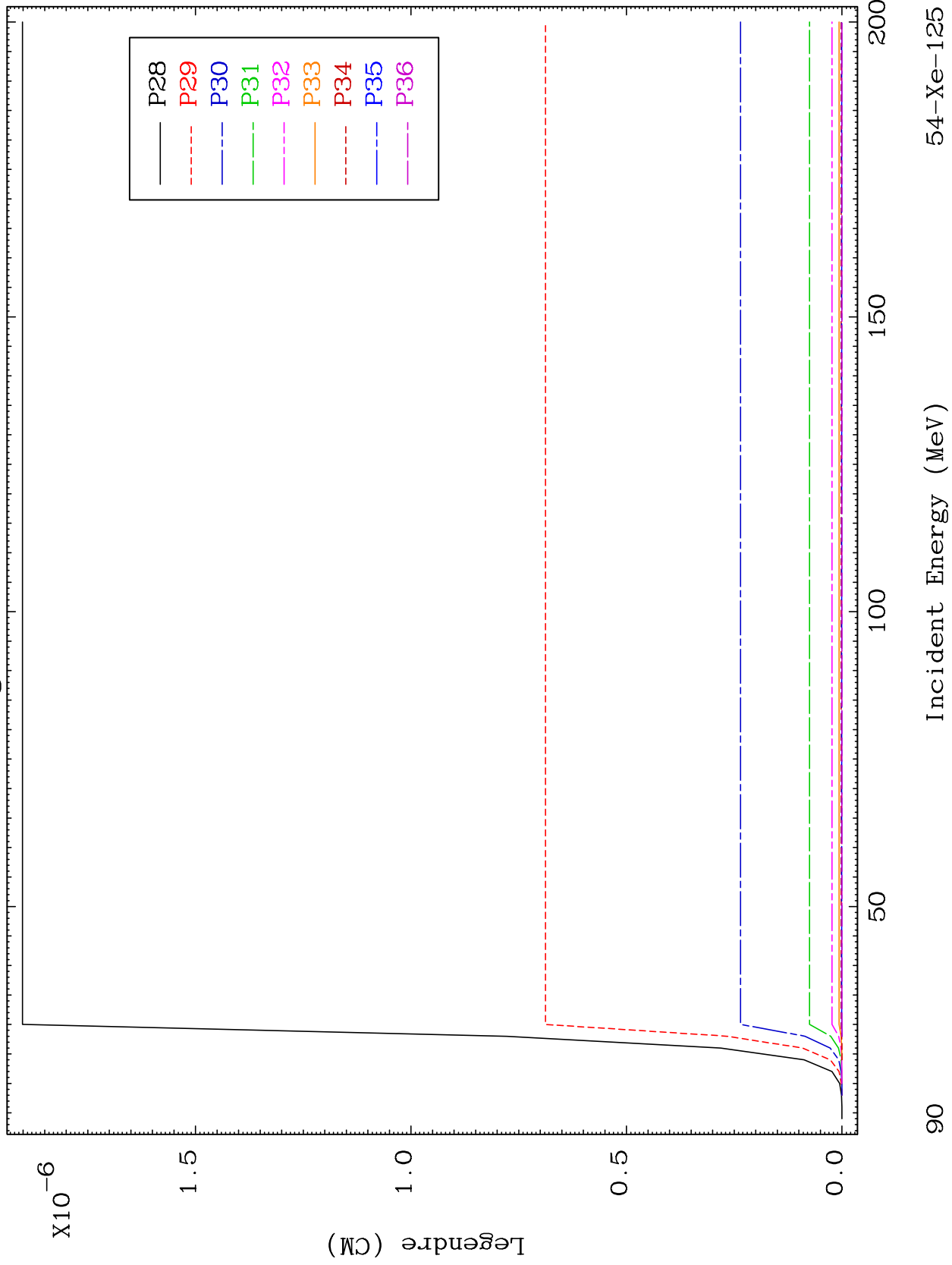
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

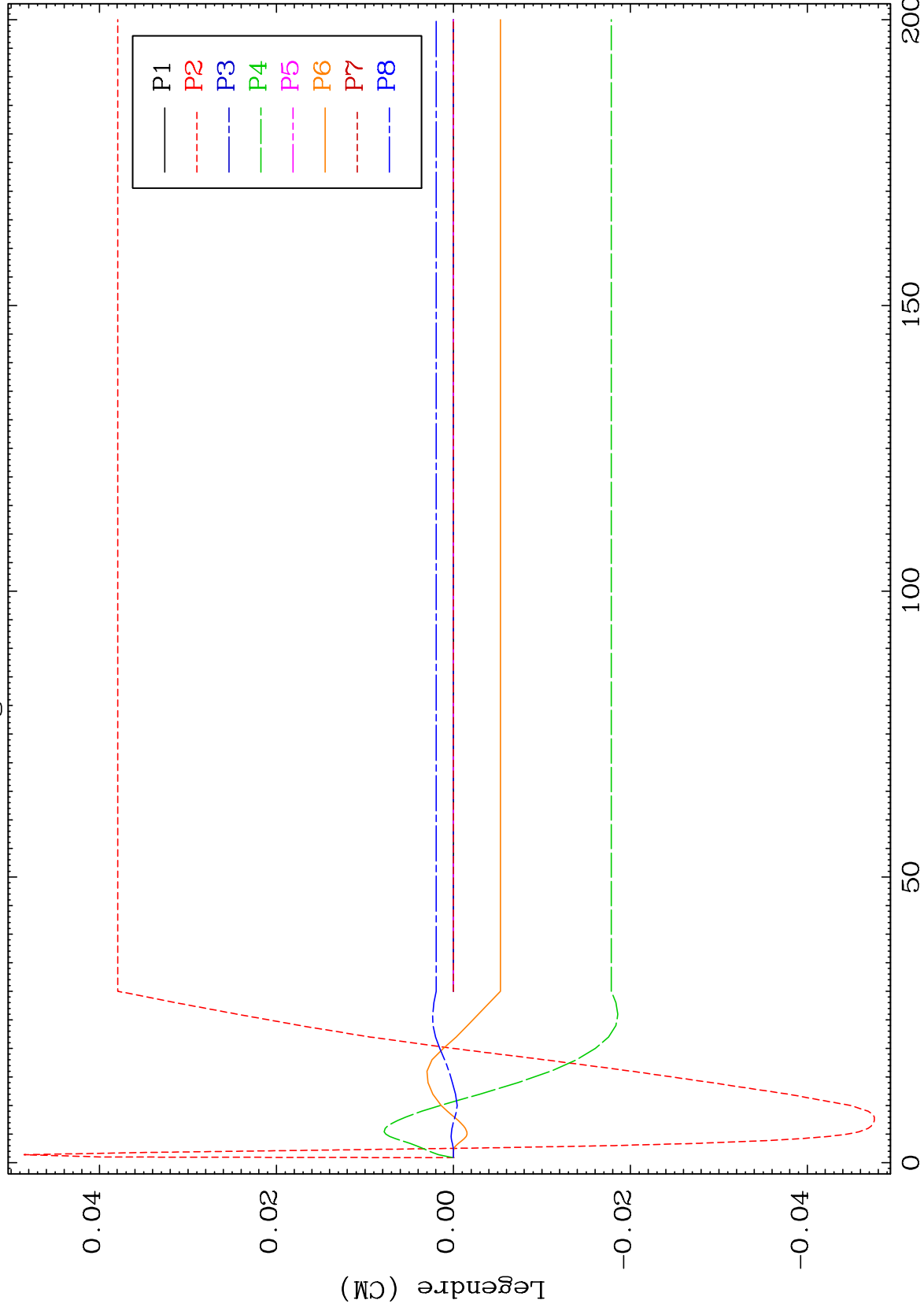
54-Xe-125



MAT 5428

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

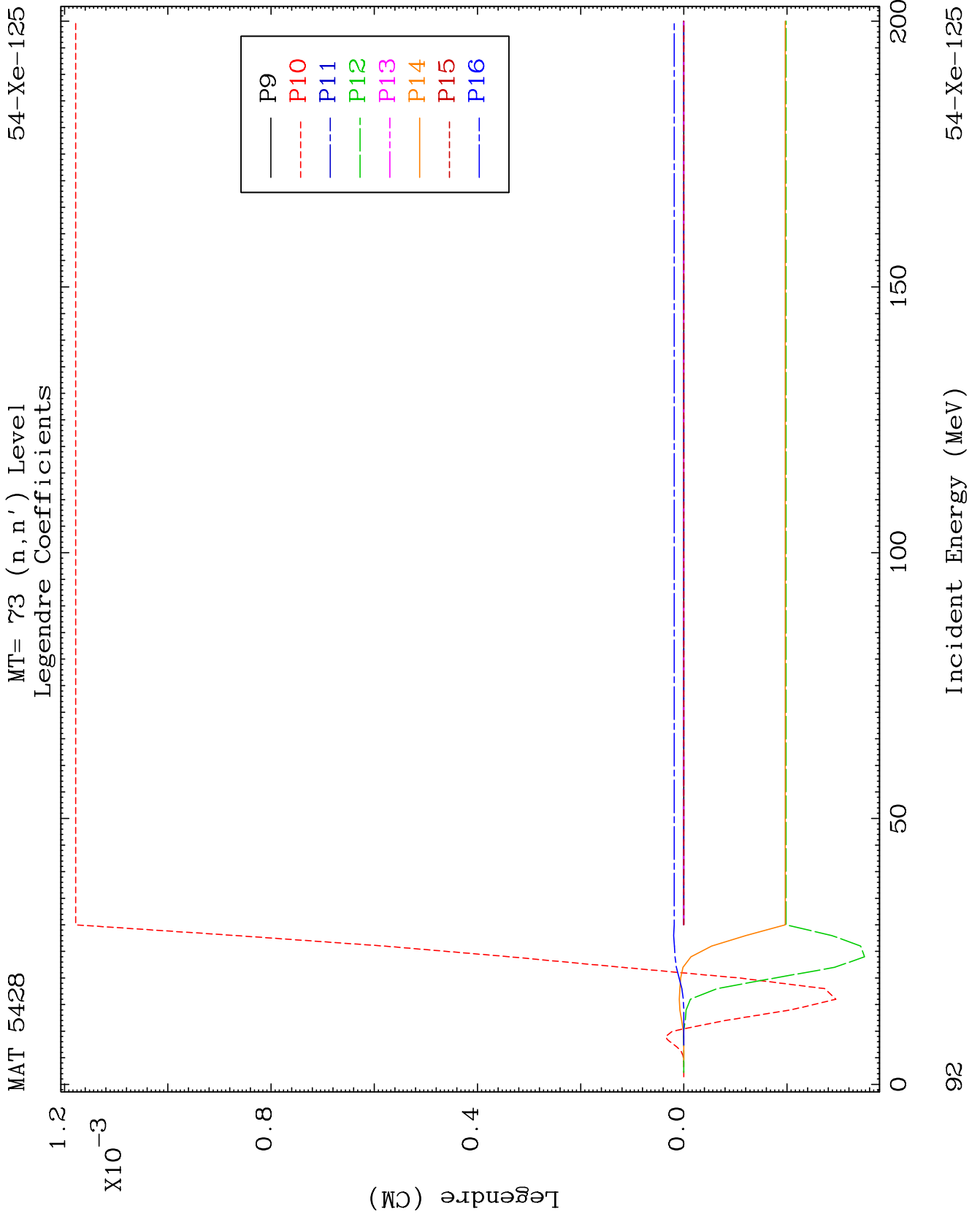
54-Xe-125



91

Incident Energy (MeV)

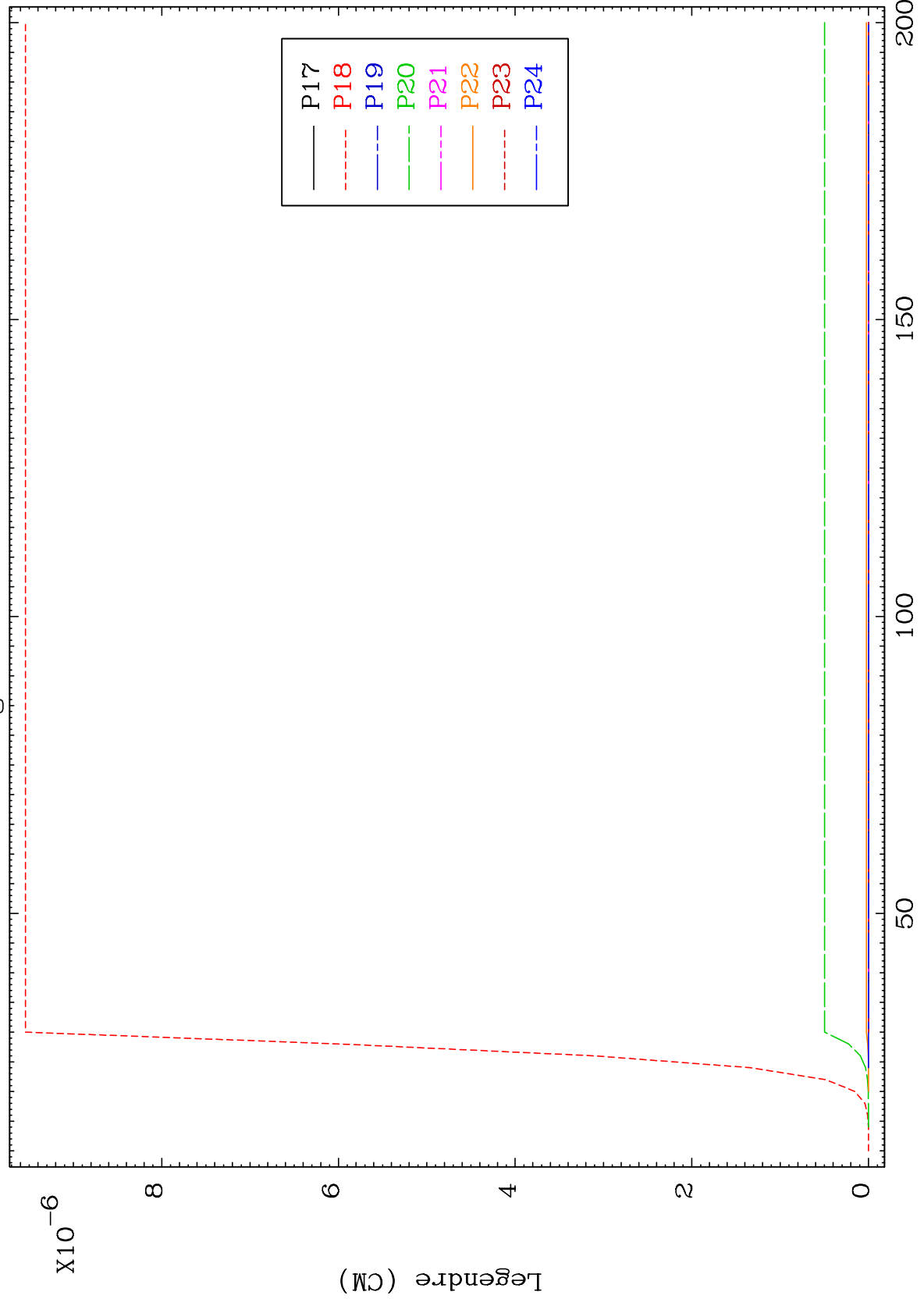
54-Xe-125



MAT 5428

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

54-Xe-125



93

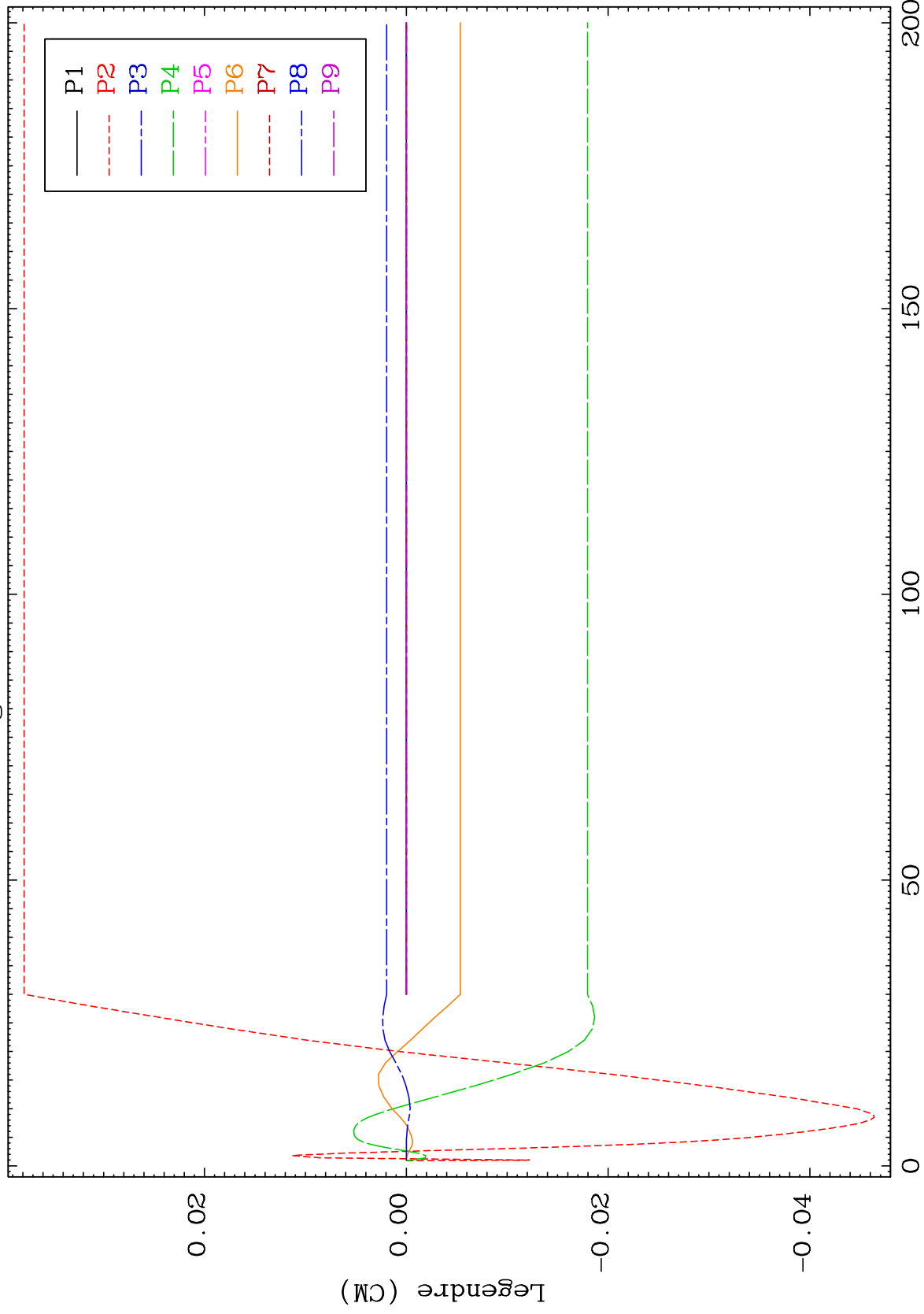
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



94

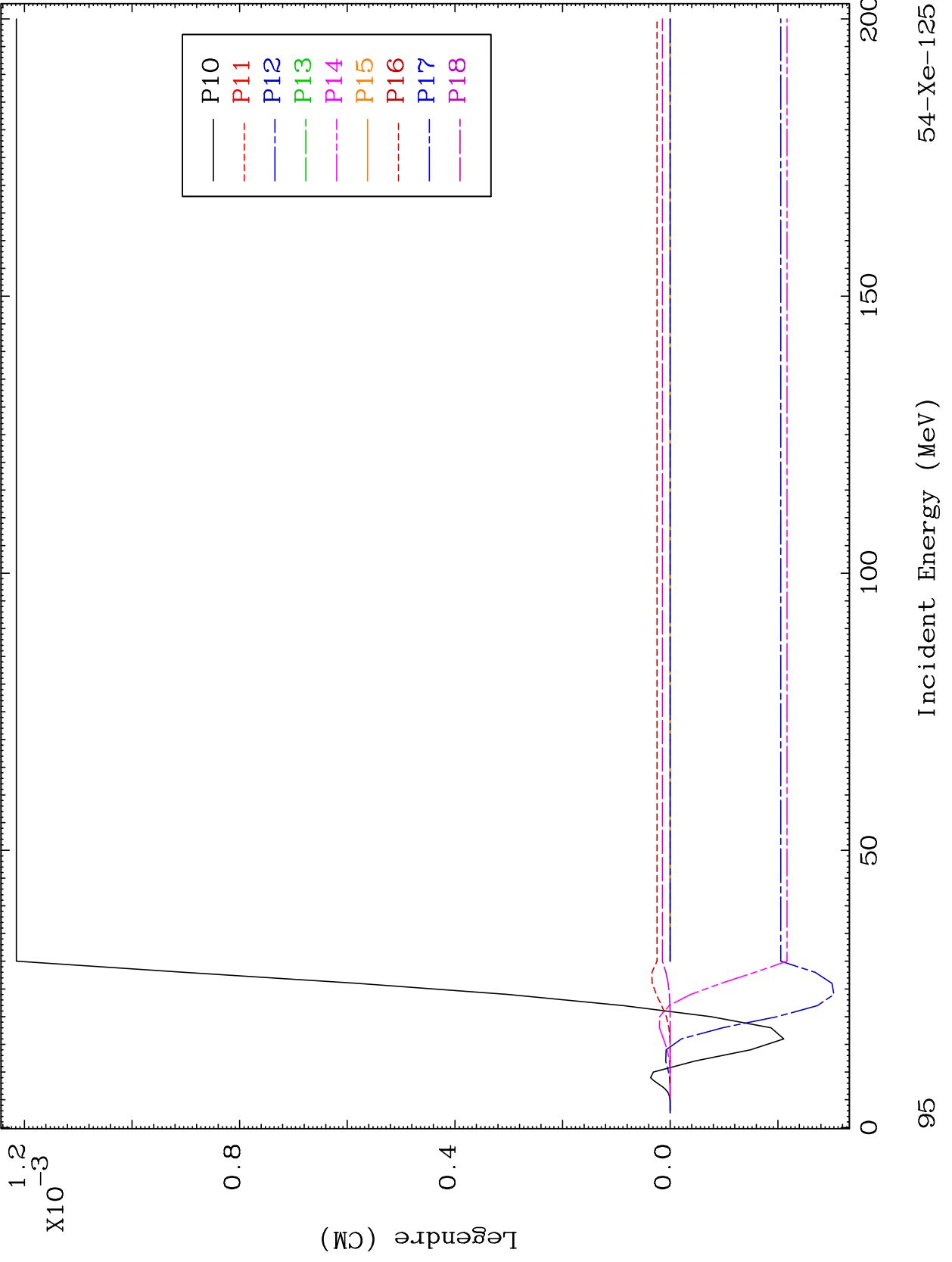
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



95

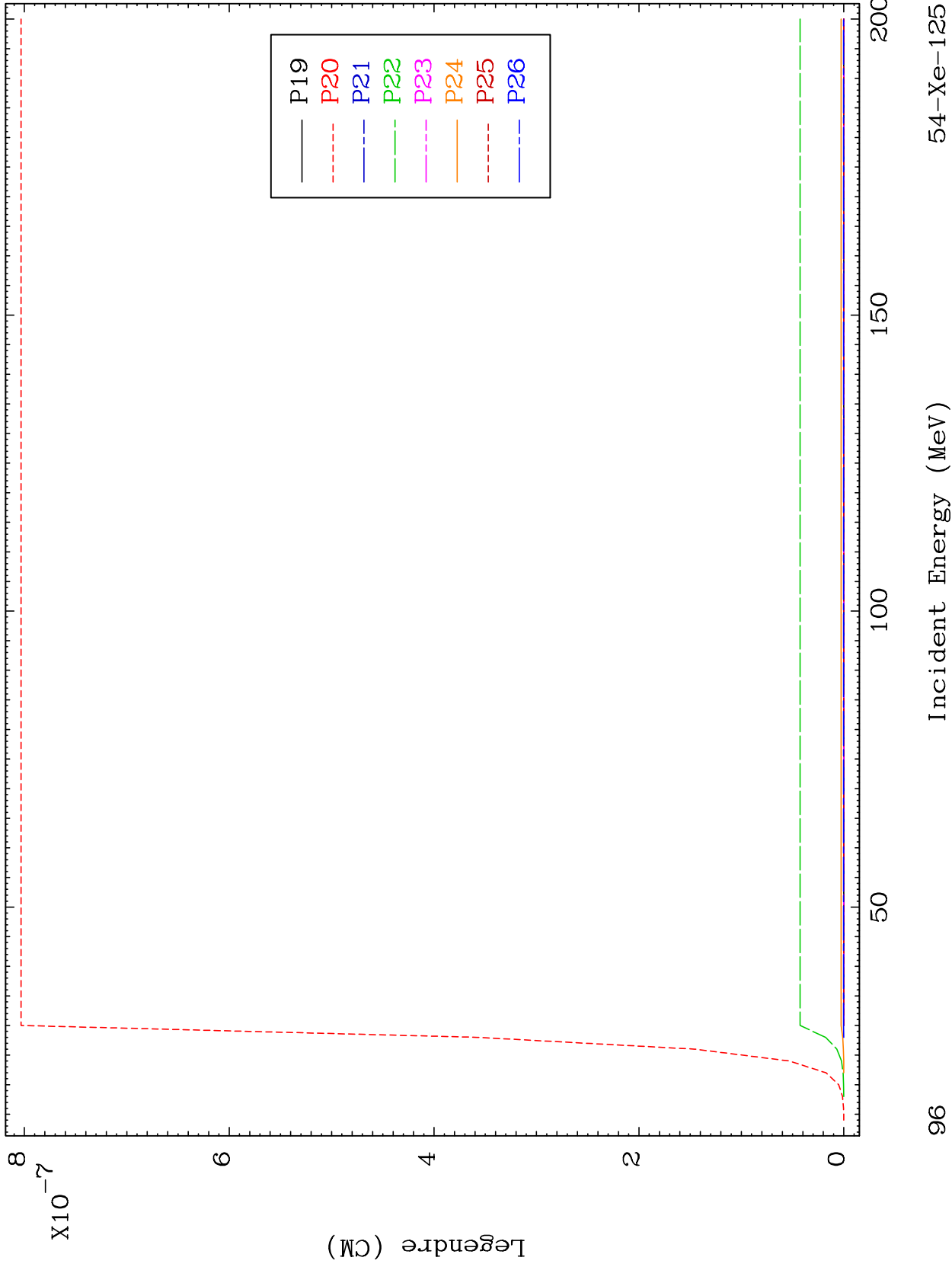
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



96

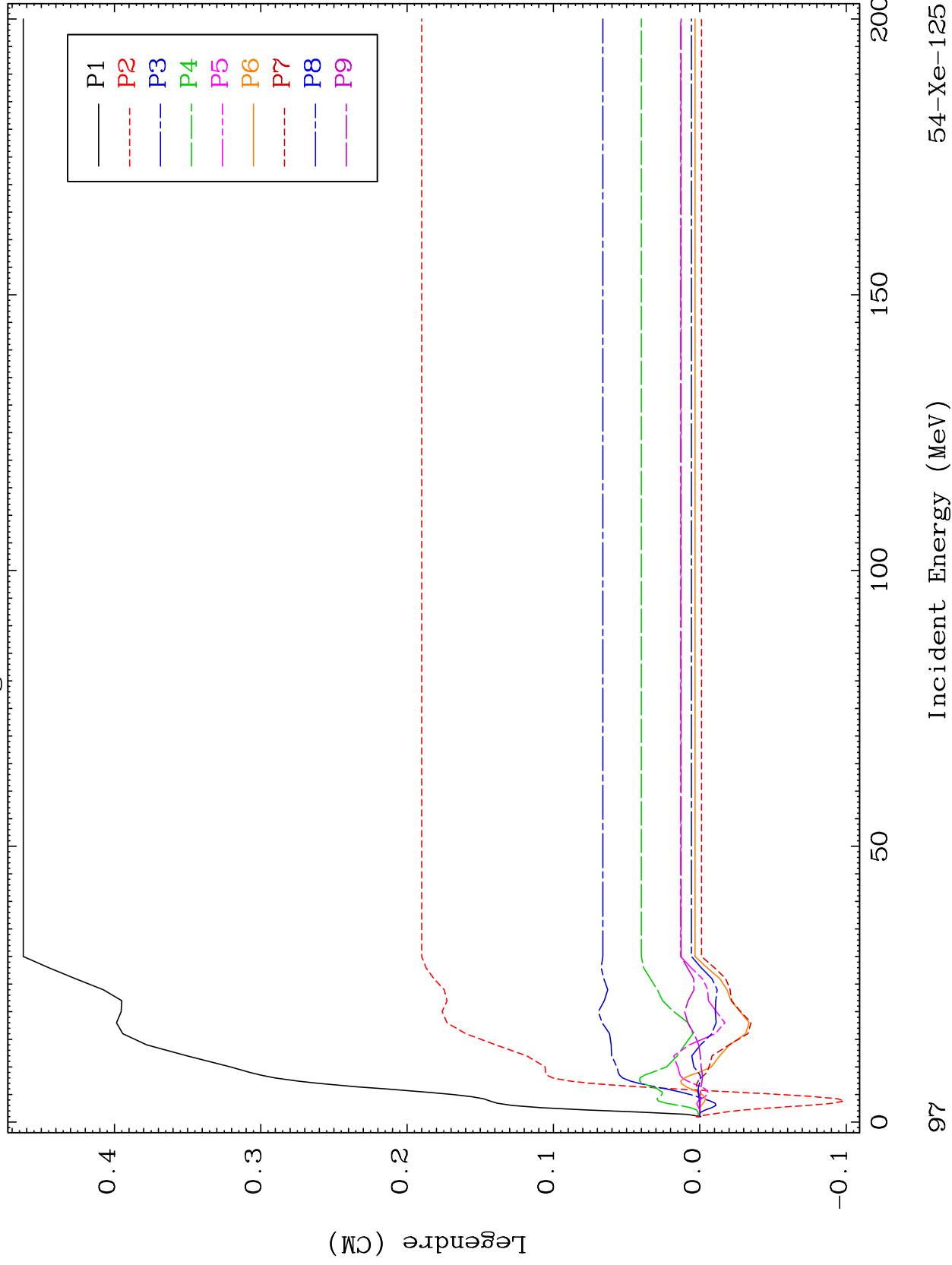
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

54-Xe-125



54-Xe-125

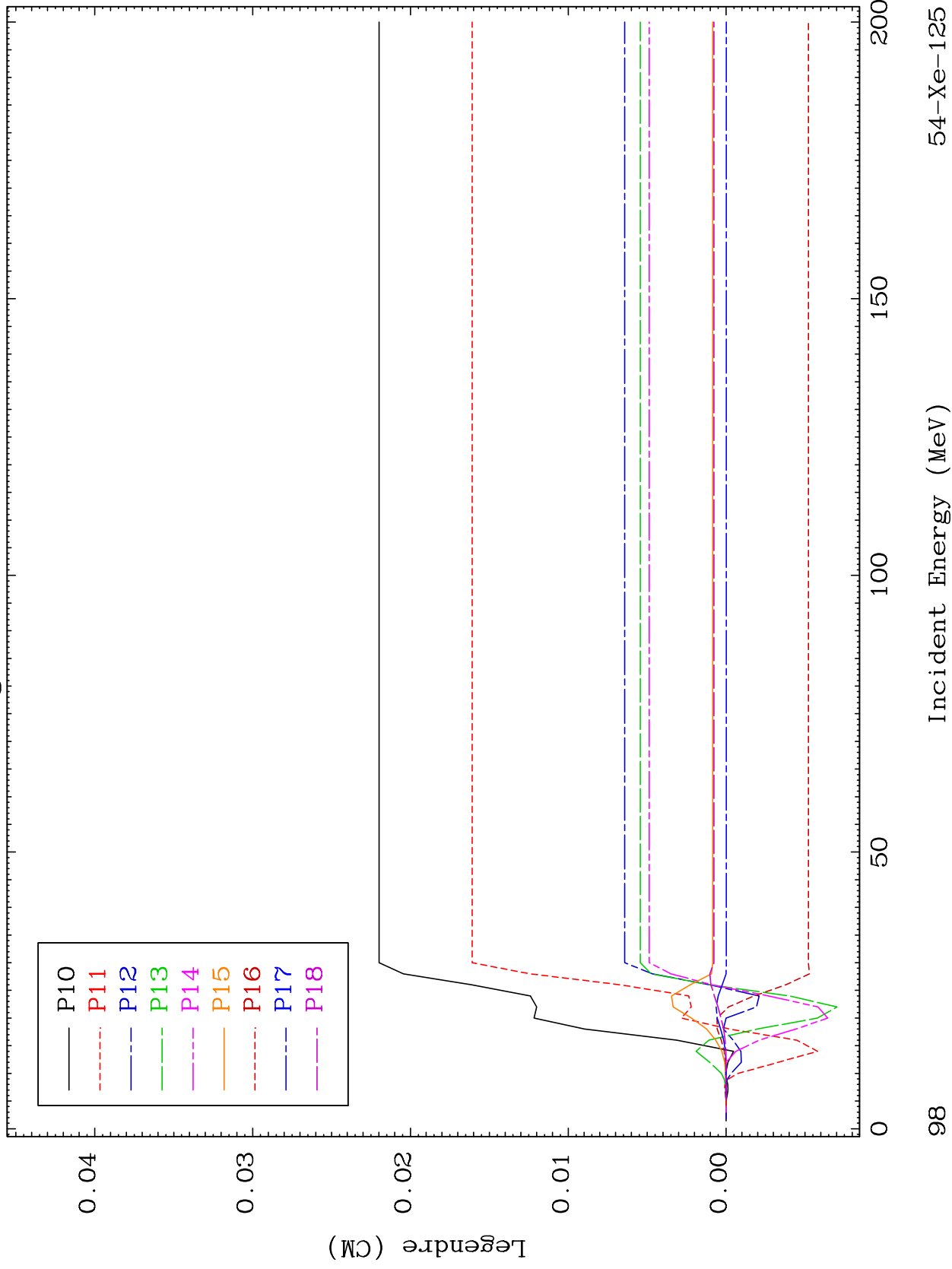
Incident Energy (MeV)

97

MAT 5428

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

54-Xe-125



54-Xe-125

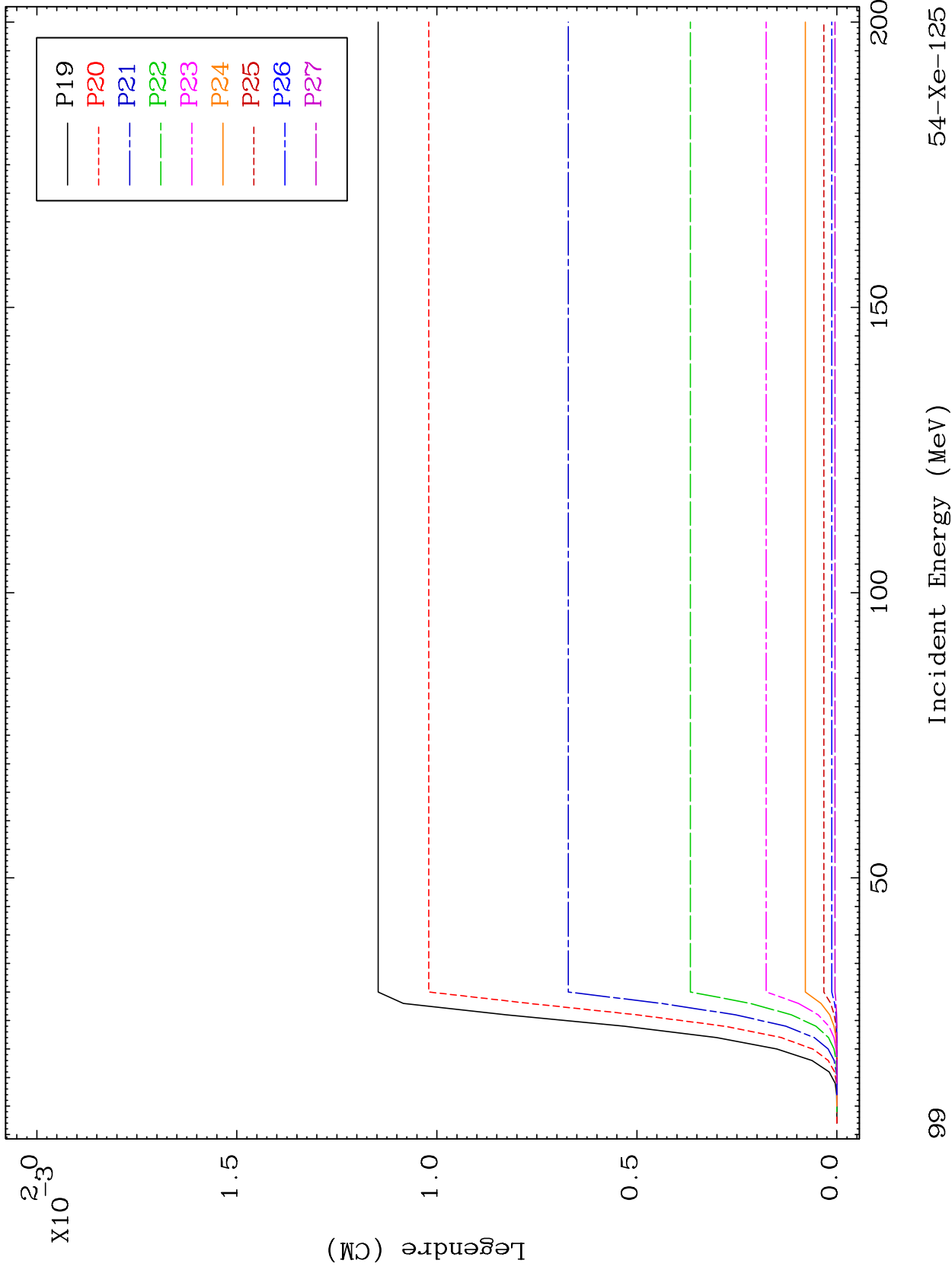
Incident Energy (MeV)

98

MAT 5428

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

54-Xe-125



99

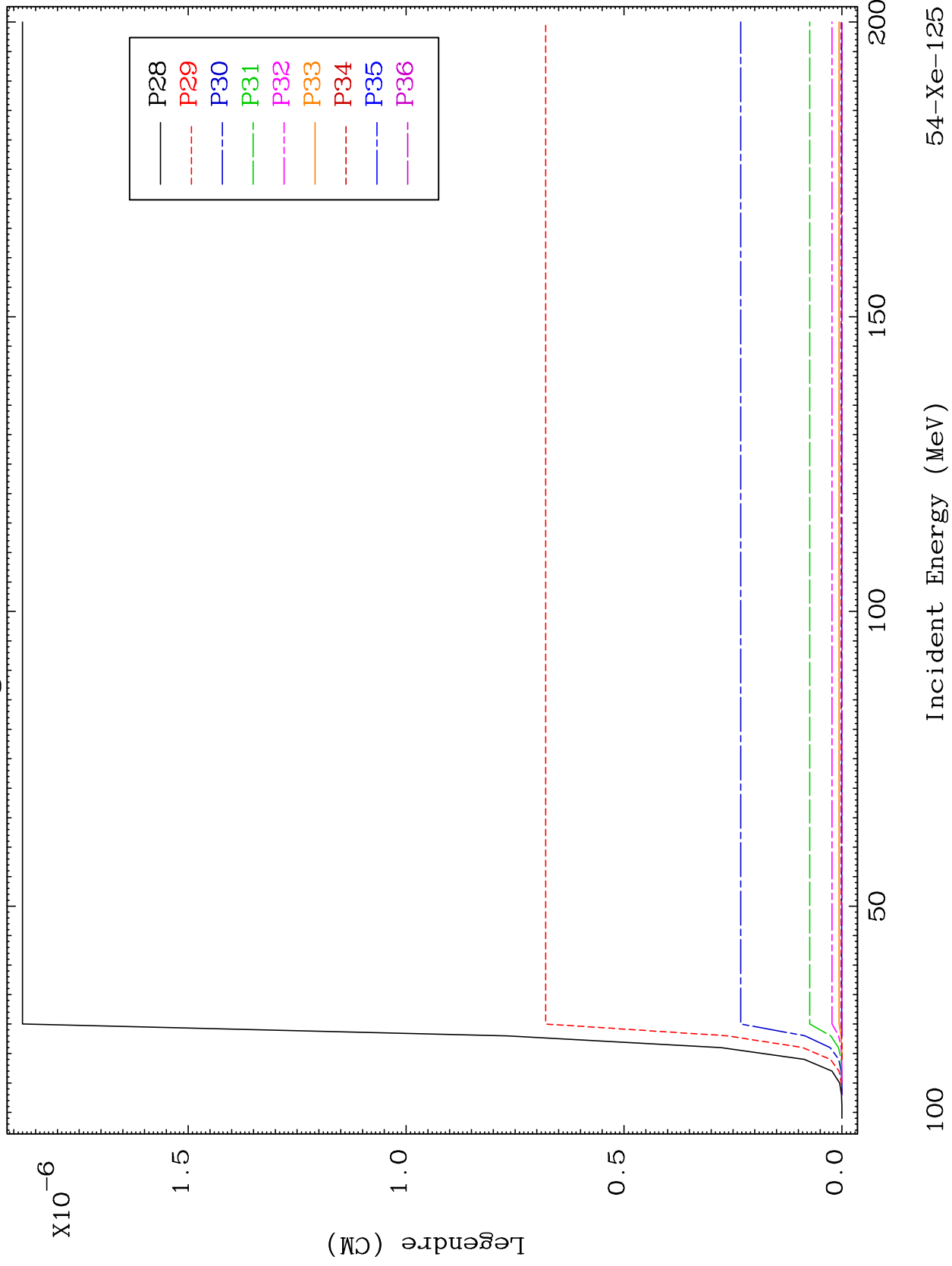
Incident Energy (MeV)

54-Xe-125

MAT 5428

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

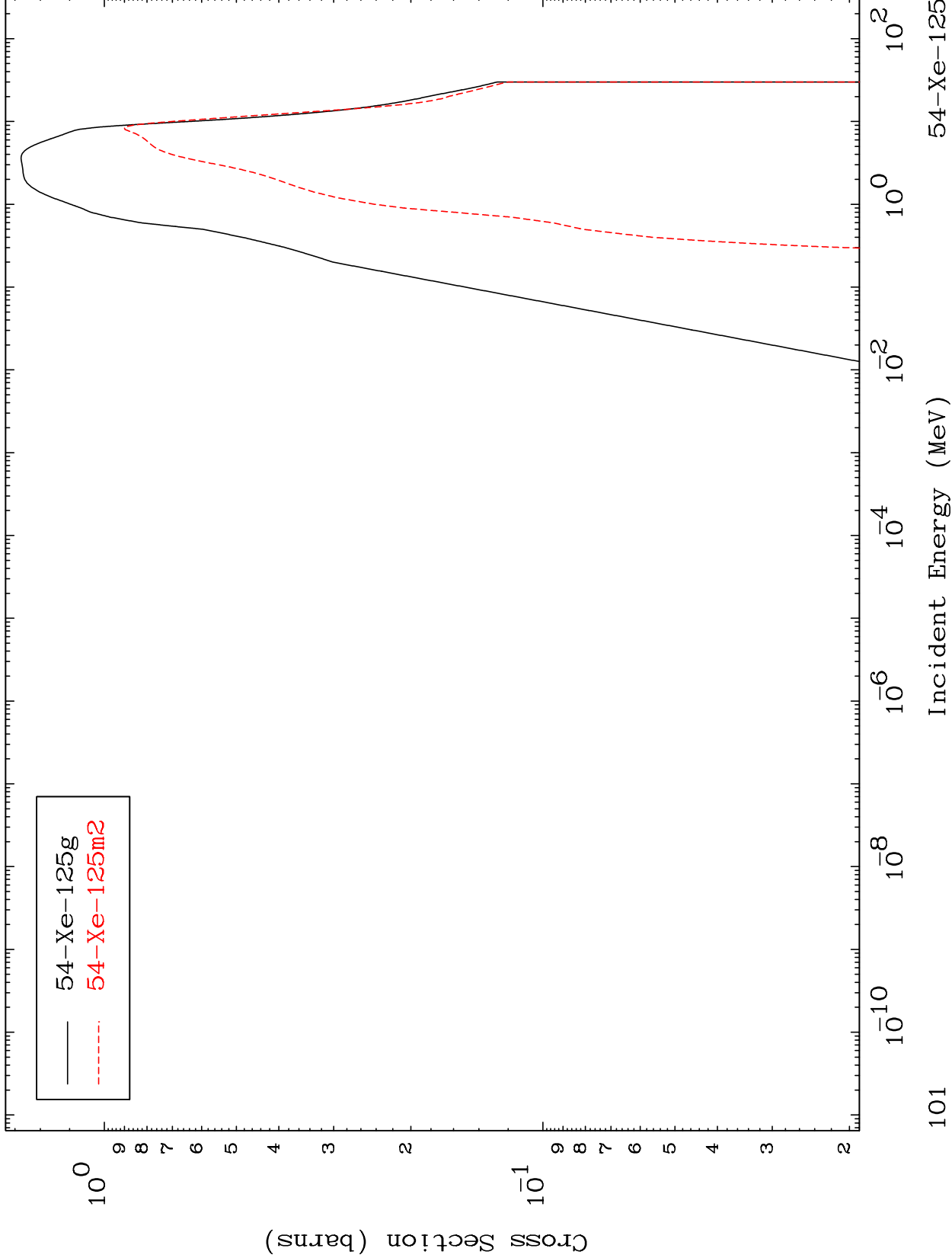
54-Xe-125



MAT 5428

Radionuclide Production Cross Section

54-Xe-125



101

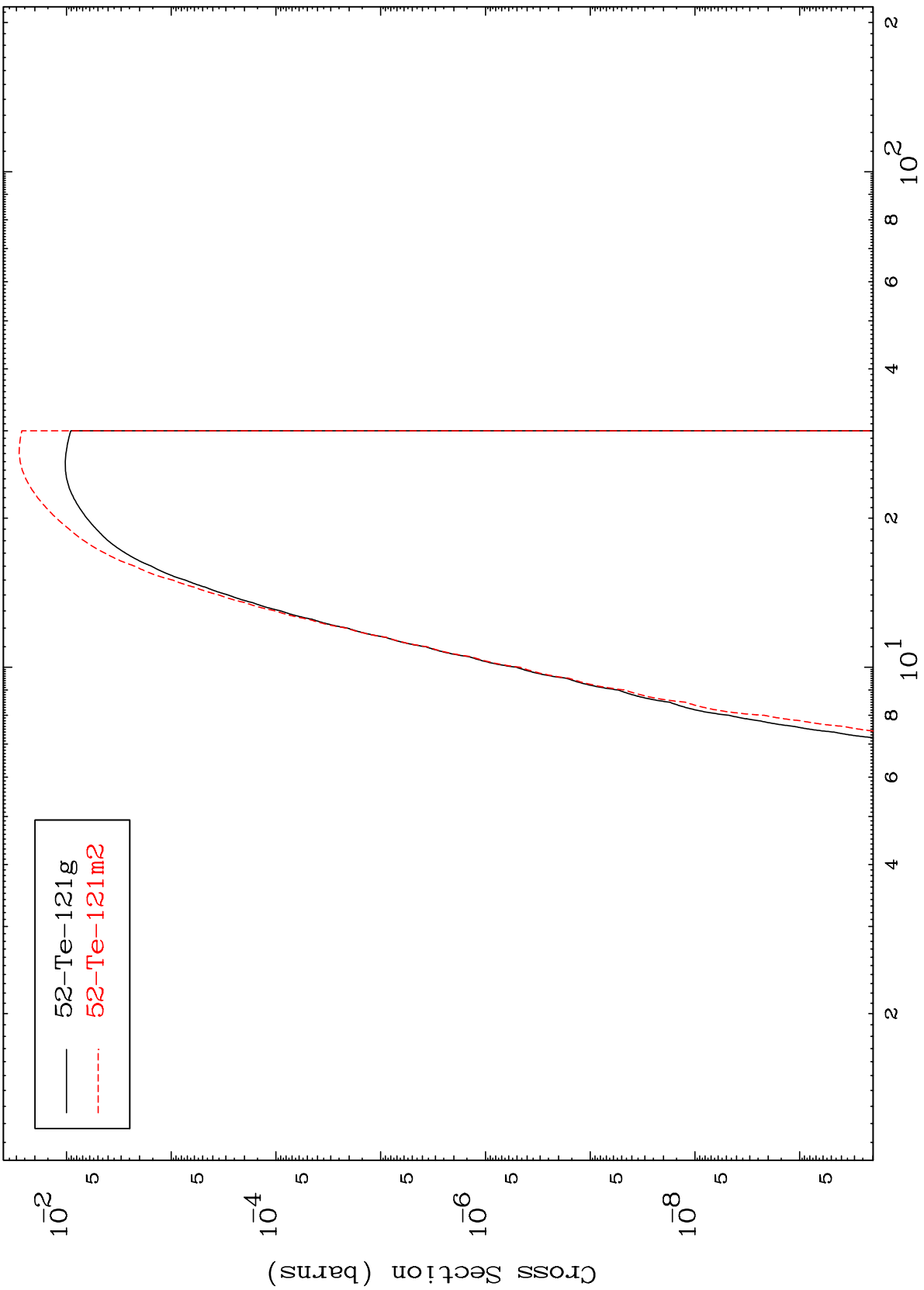
54-Xe-125

MAT 5428

(n,n') α

54-Xe-125

Radionuclide Production Cross Section



102

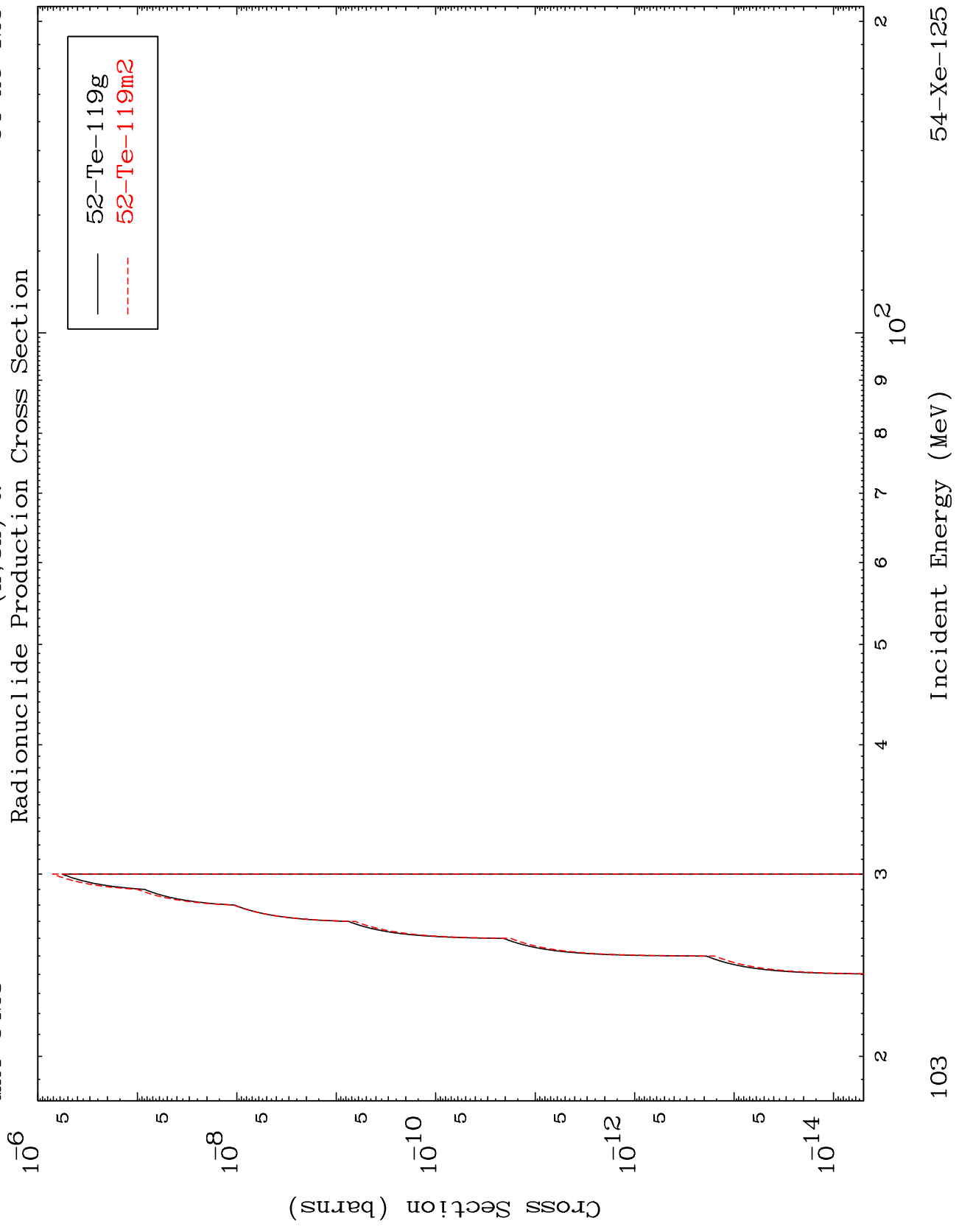
Incident Energy (MeV)

54-Xe-125

MAT 5428

(n,3n) α

54-Xe-125



103

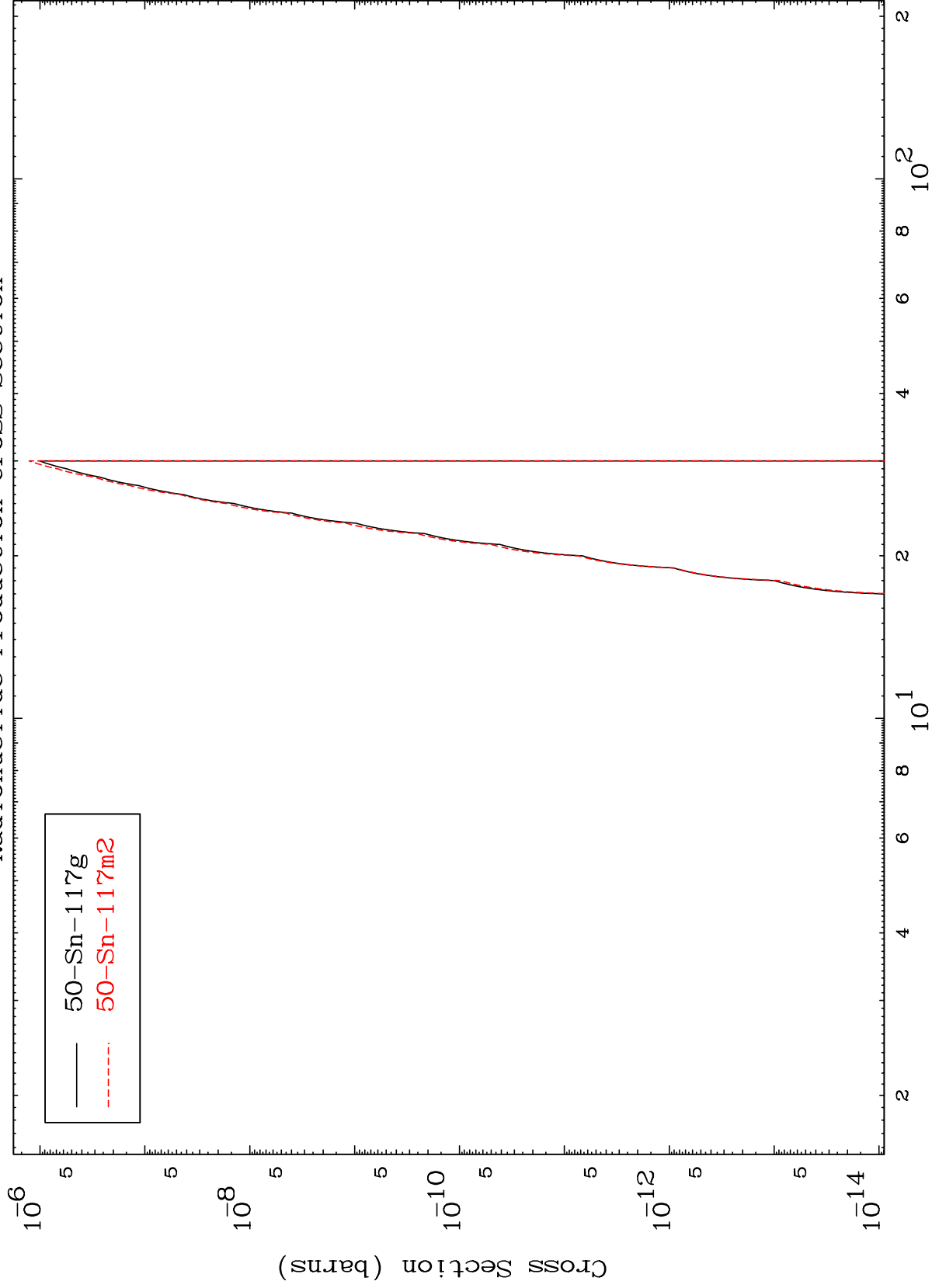
54-Xe-125

MAT 5428

(n,n') 2 α

54-Xe-125

Radionuclide Production Cross Section



104

Incident Energy (MeV)

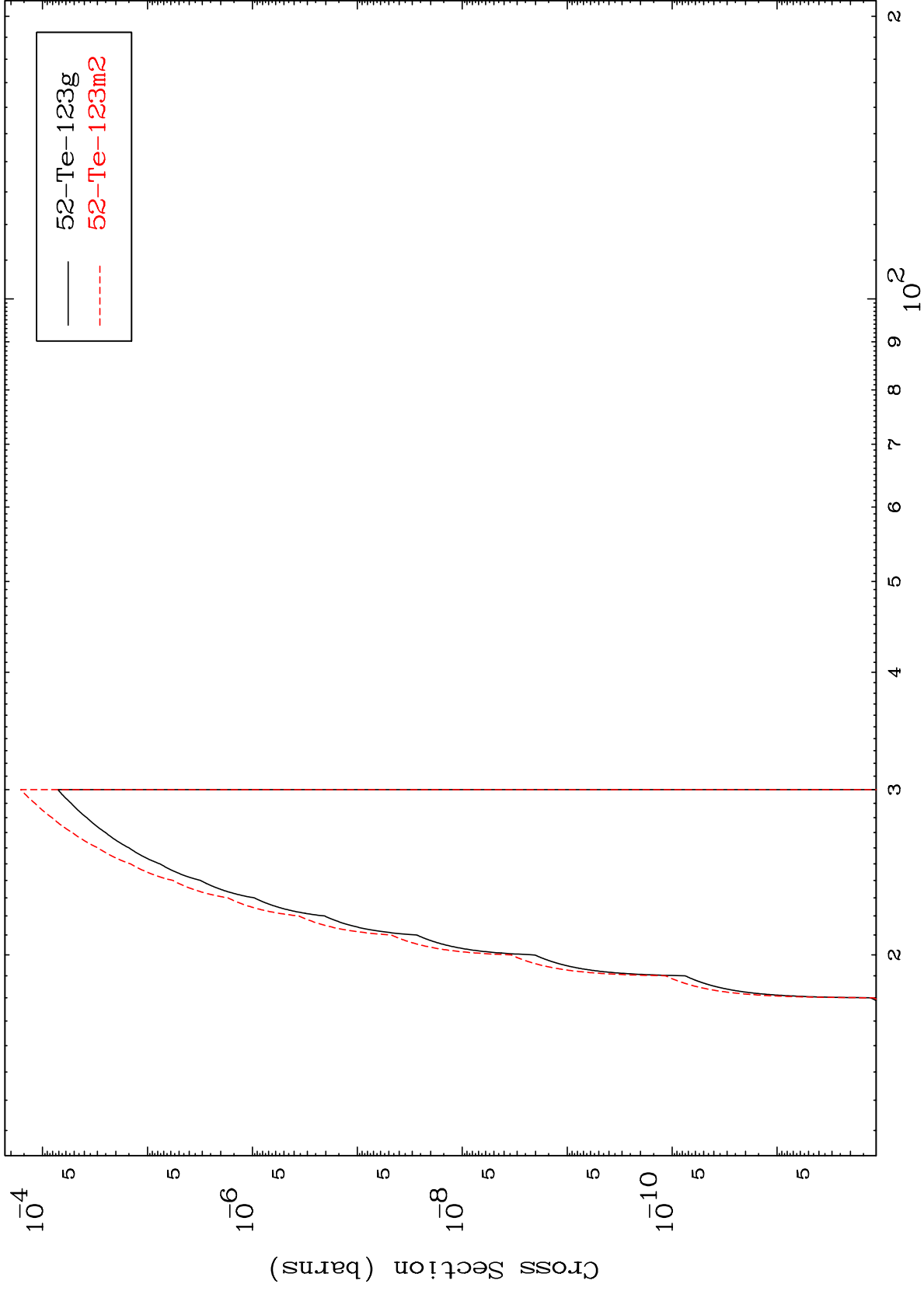
54-Xe-125

MAT 5428

(n,2n) p

54-Xe-125

Radionuclide Production Cross Section



105

Incident Energy (MeV)

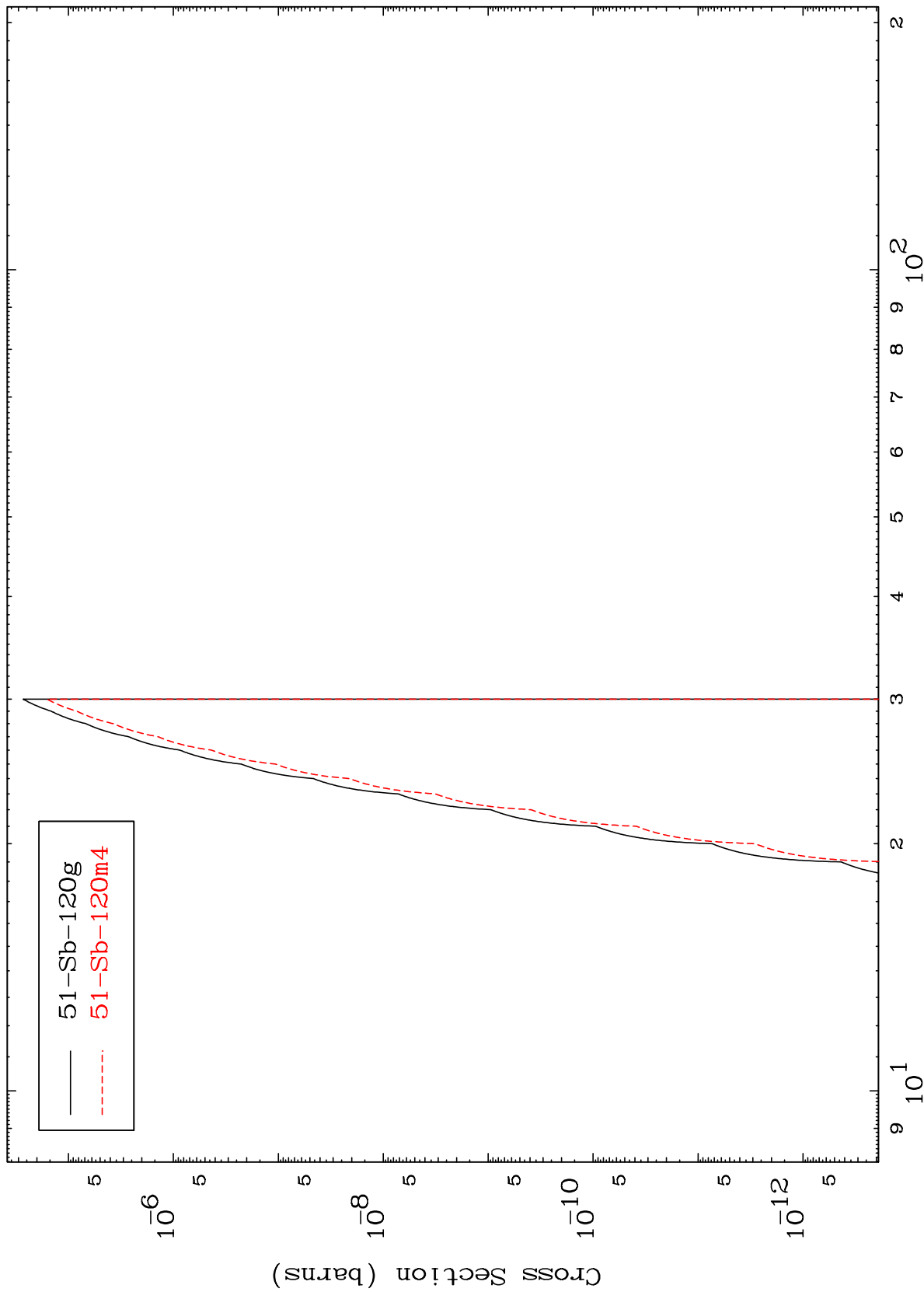
54-Xe-125

MAT 5428

(n,n') p α

54-Xe-125

Radionuclide Production Cross Section



106

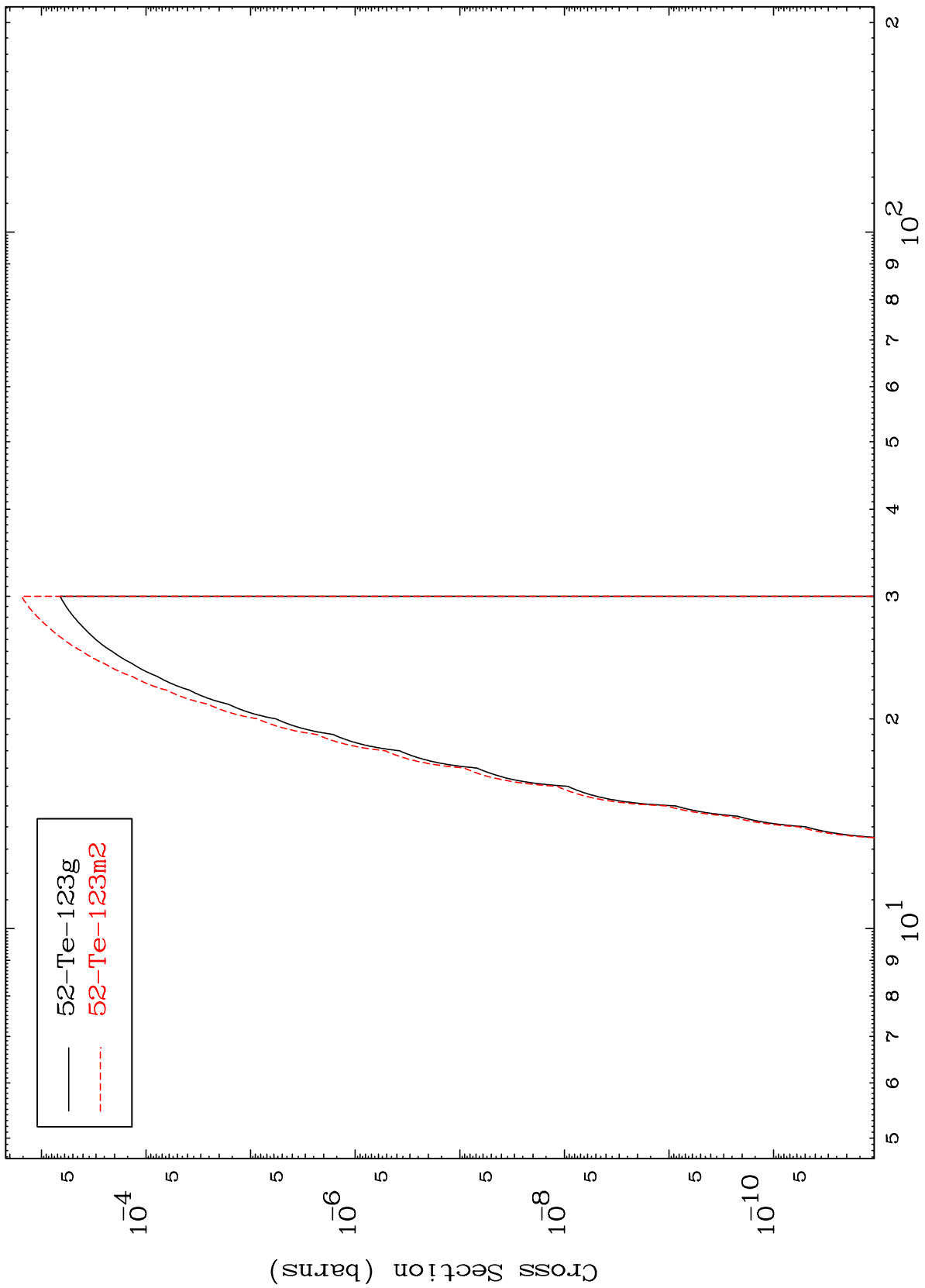
Incident Energy (MeV)

54-Xe-125

MAT 5428

54-Xe-125

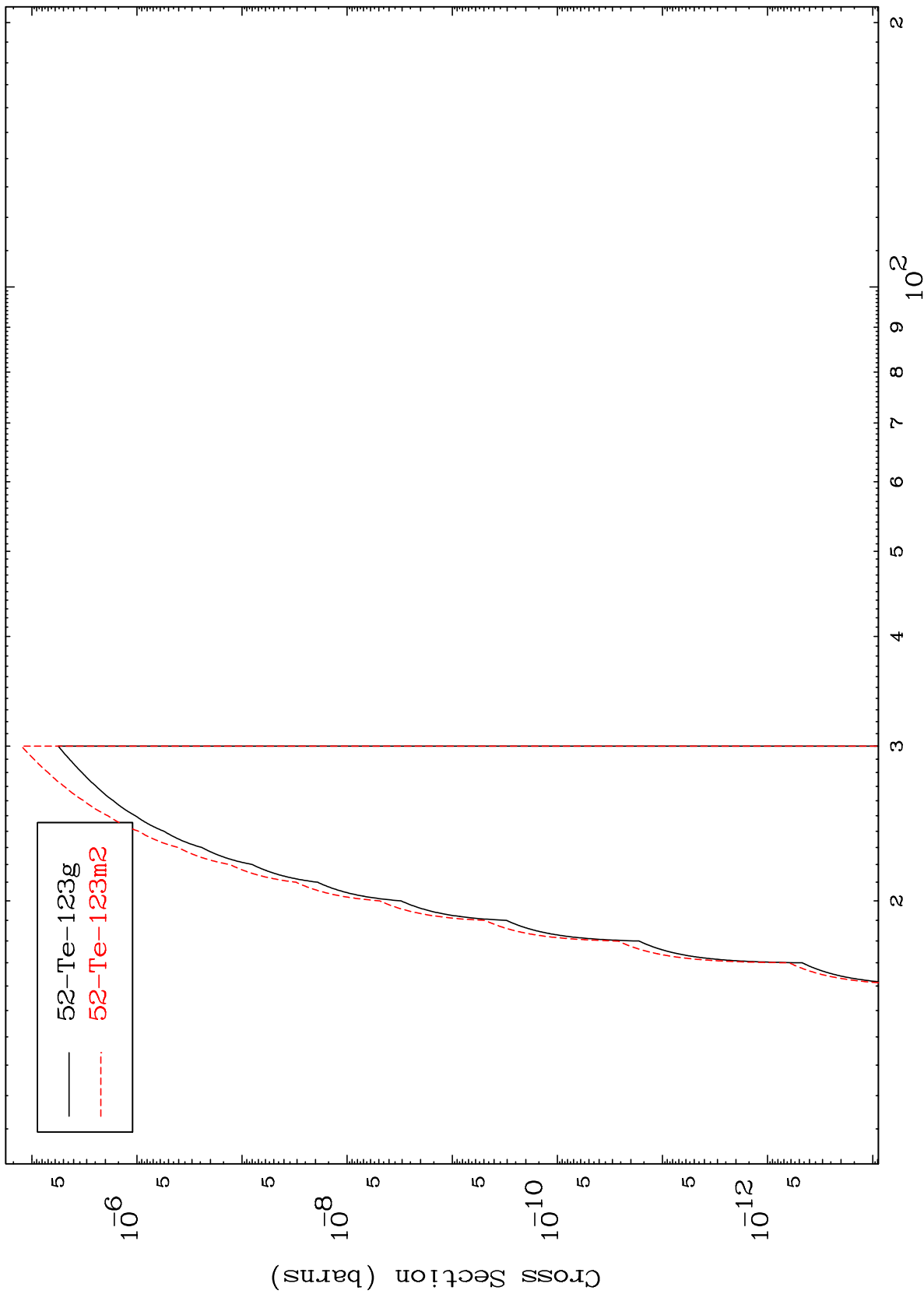
(n,He-3)
Radionuclide Production Cross Section



107

54-Xe-125

Radionuclide Production Cross Section

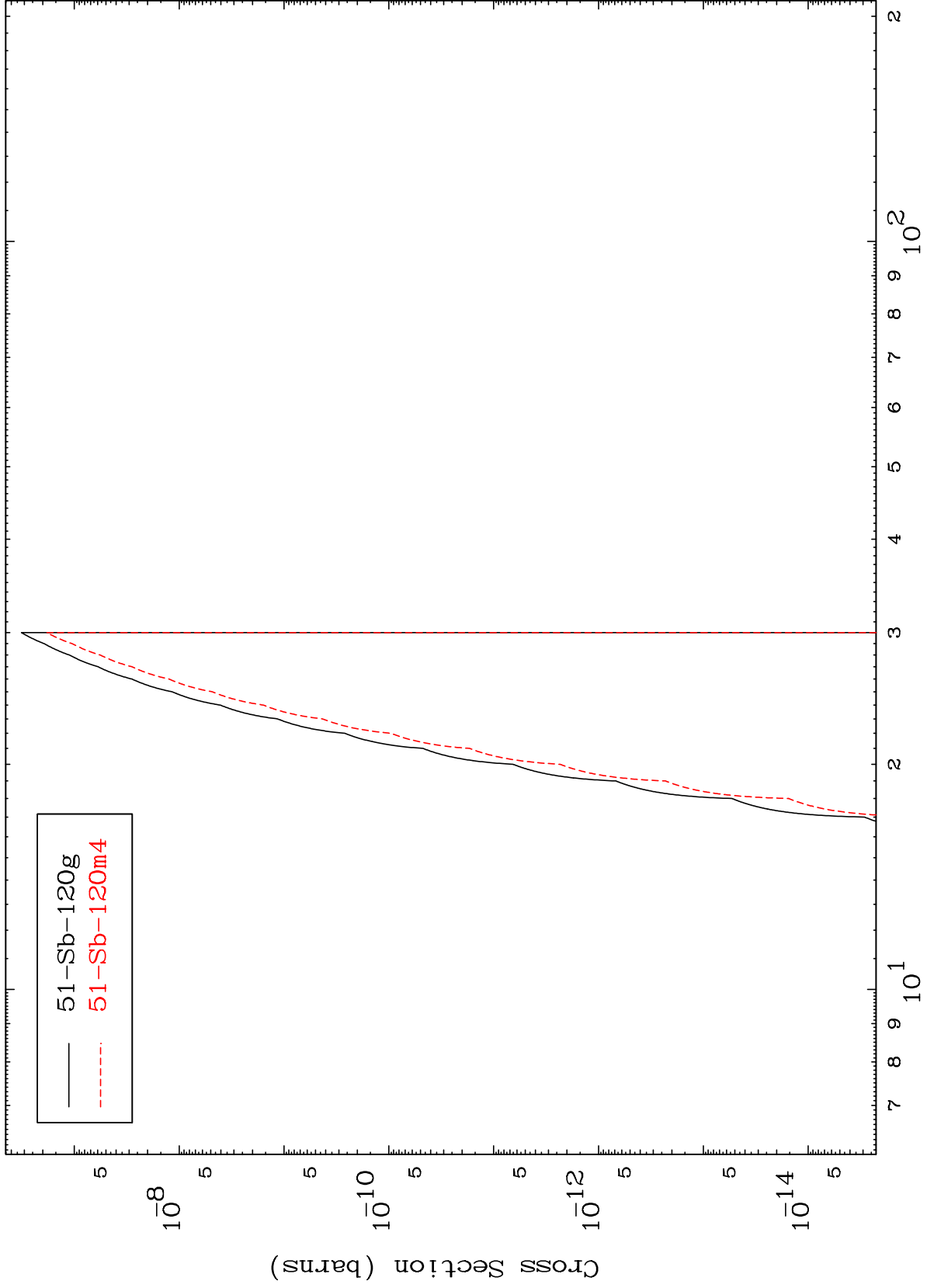


MAT 5428

(n,d) α

54-Xe-125

Radionuclide Production Cross Section



109

Incident Energy (MeV)

54-Xe-125