

Program EVALPLOT
(Version 2018-1)

by

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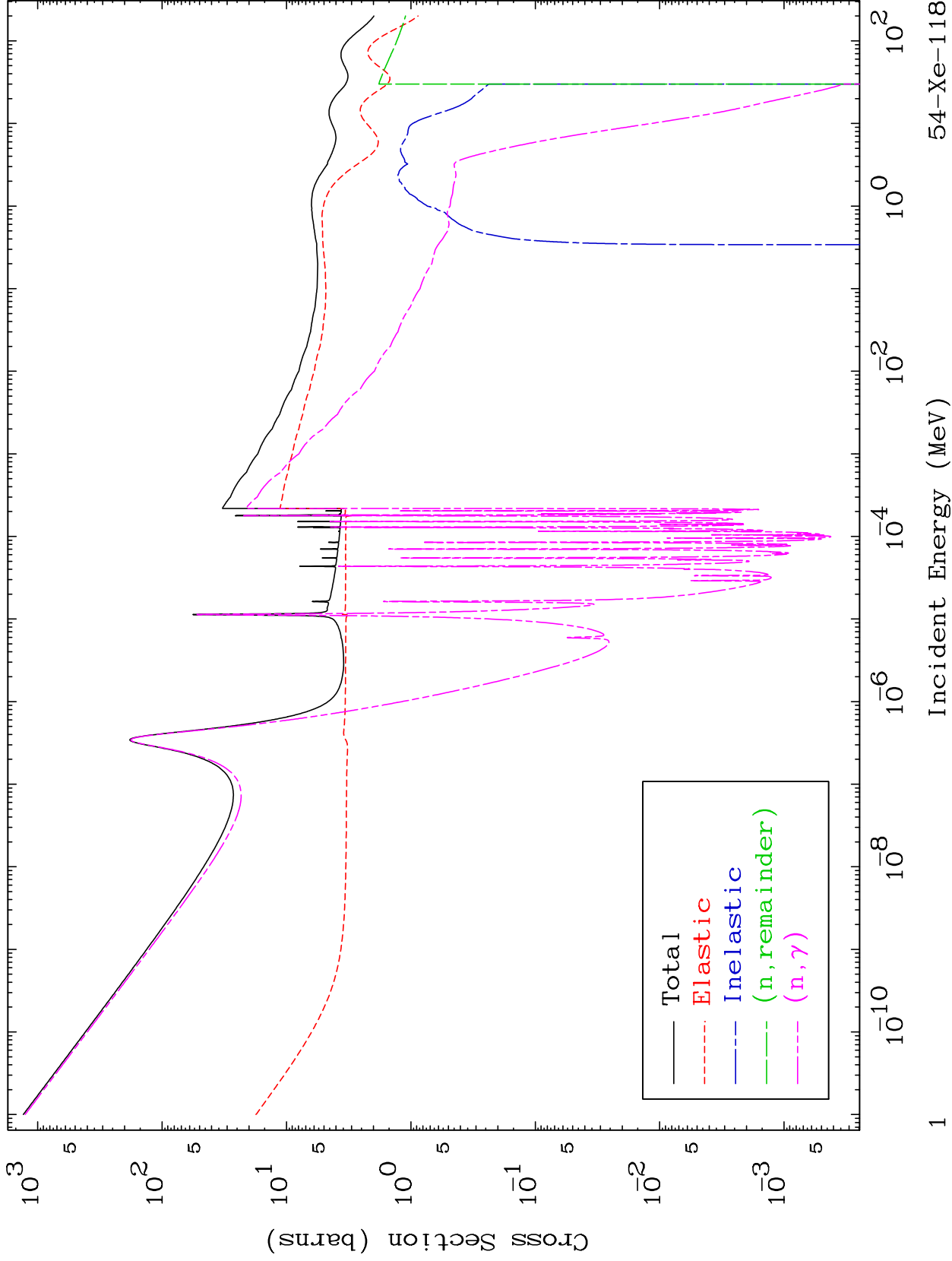
Press Mouse Button to Start

MAT 5407

Major

293 Kelvin Cross Sections

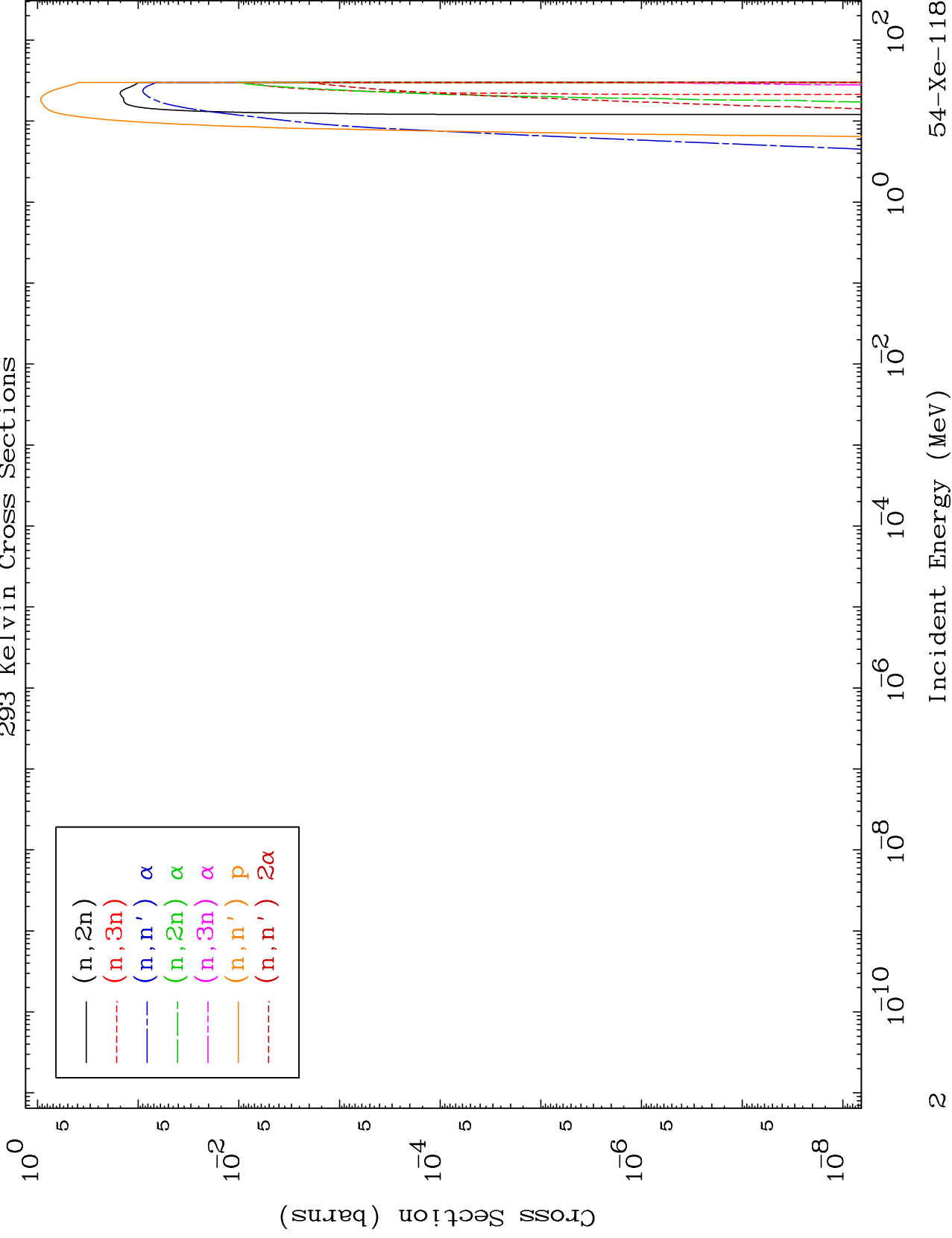
54-Xe-118

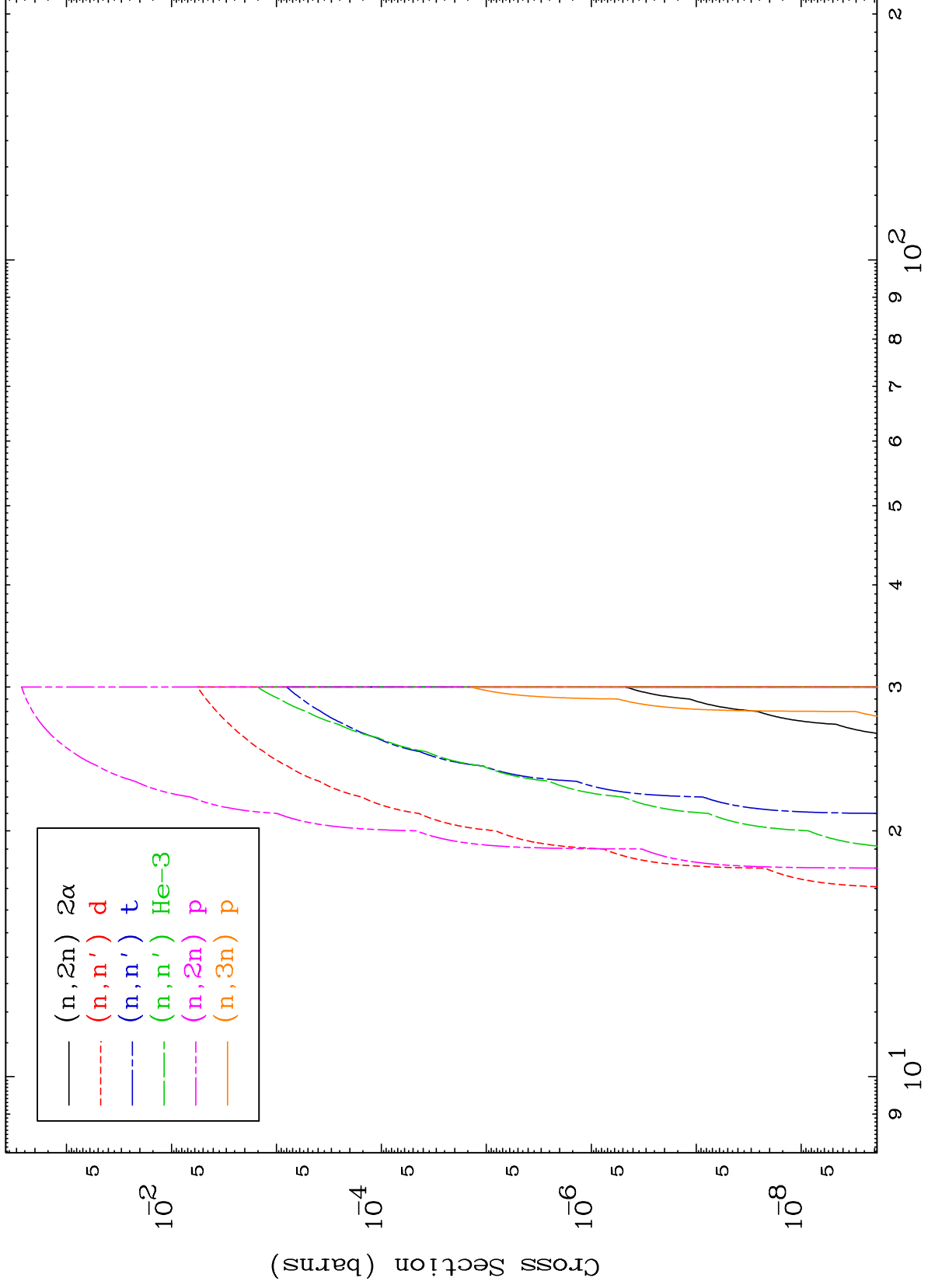


MAT 5407

Neutron Production
293 Kelvin Cross Sections

54-Xe-118

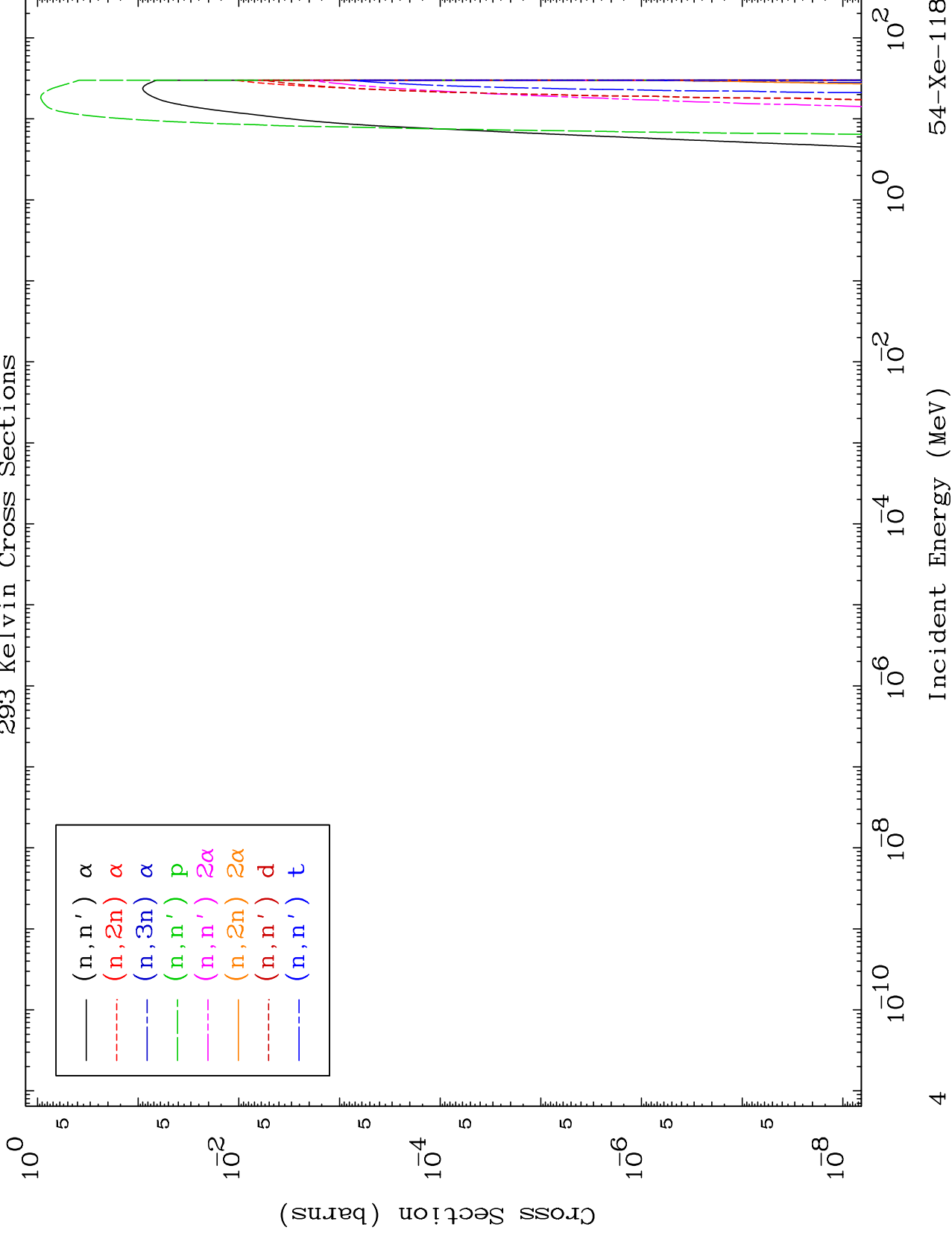




MAT 5407

Charged Particle
293 Kelvin Cross Sections

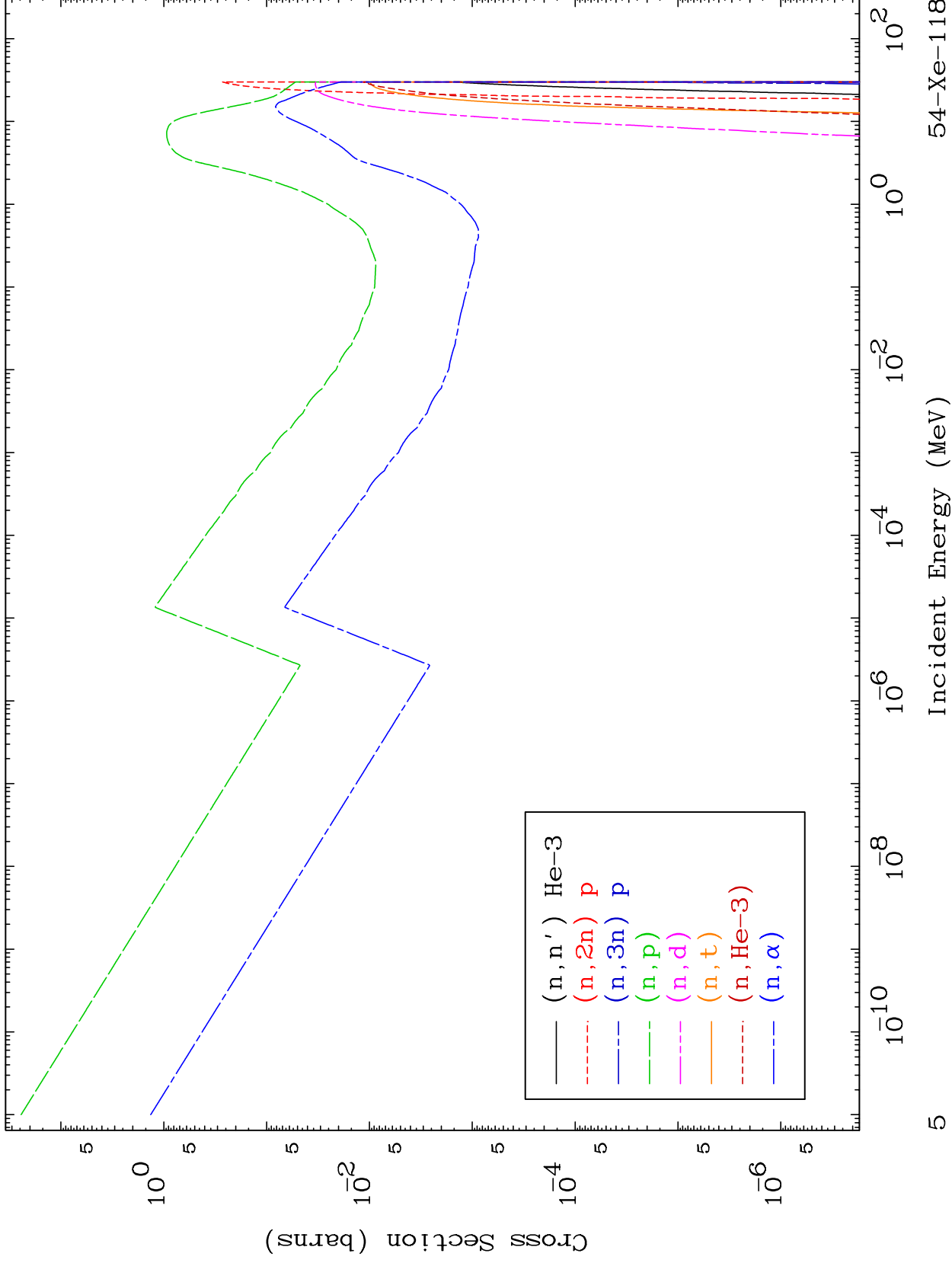
54-Xe-118



MAT 5407

Charged Particle
293 Kelvin Cross Sections

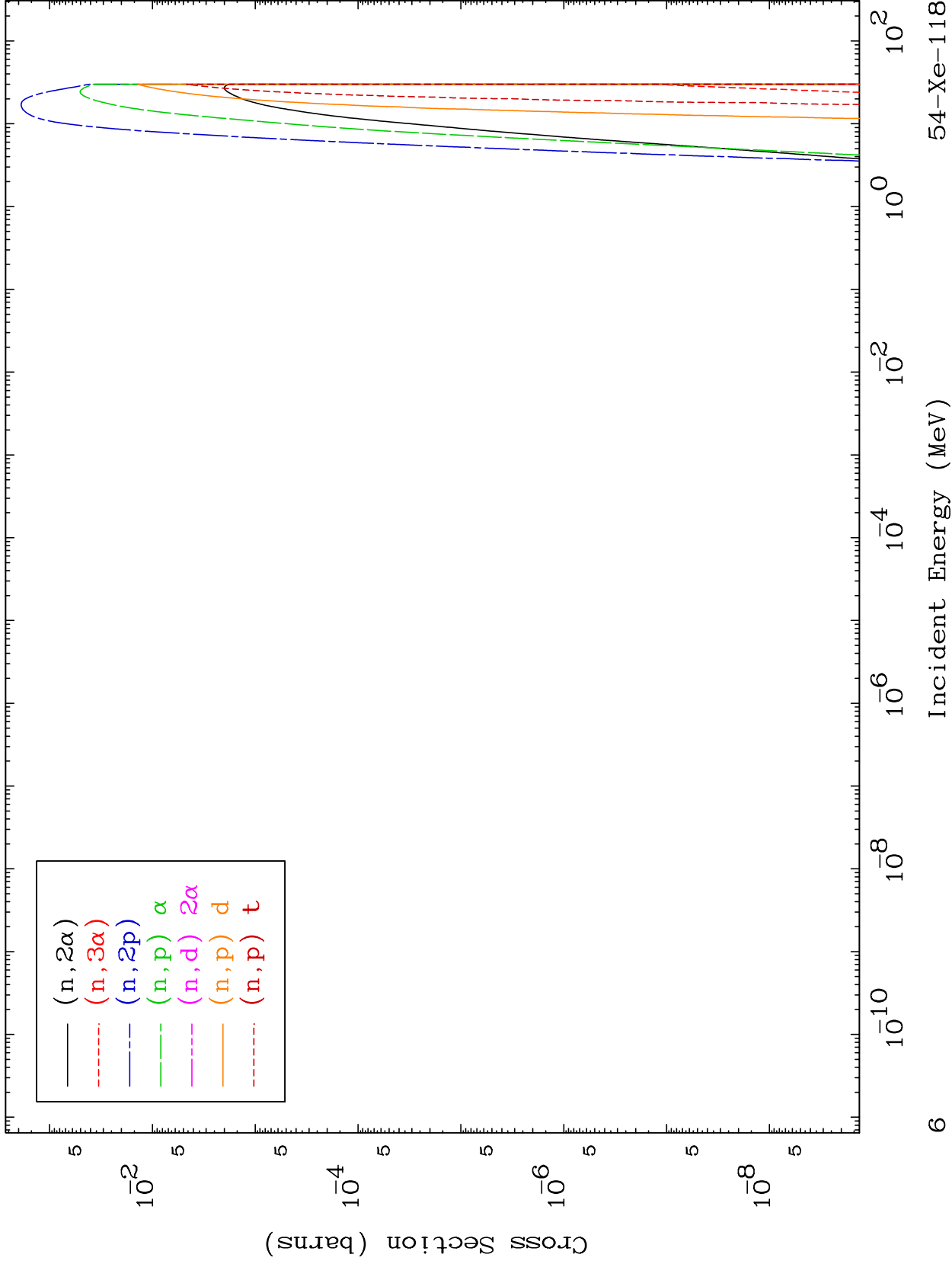
54-Xe-118



MAT 5407

Charged Particle
293 Kelvin Cross Sections

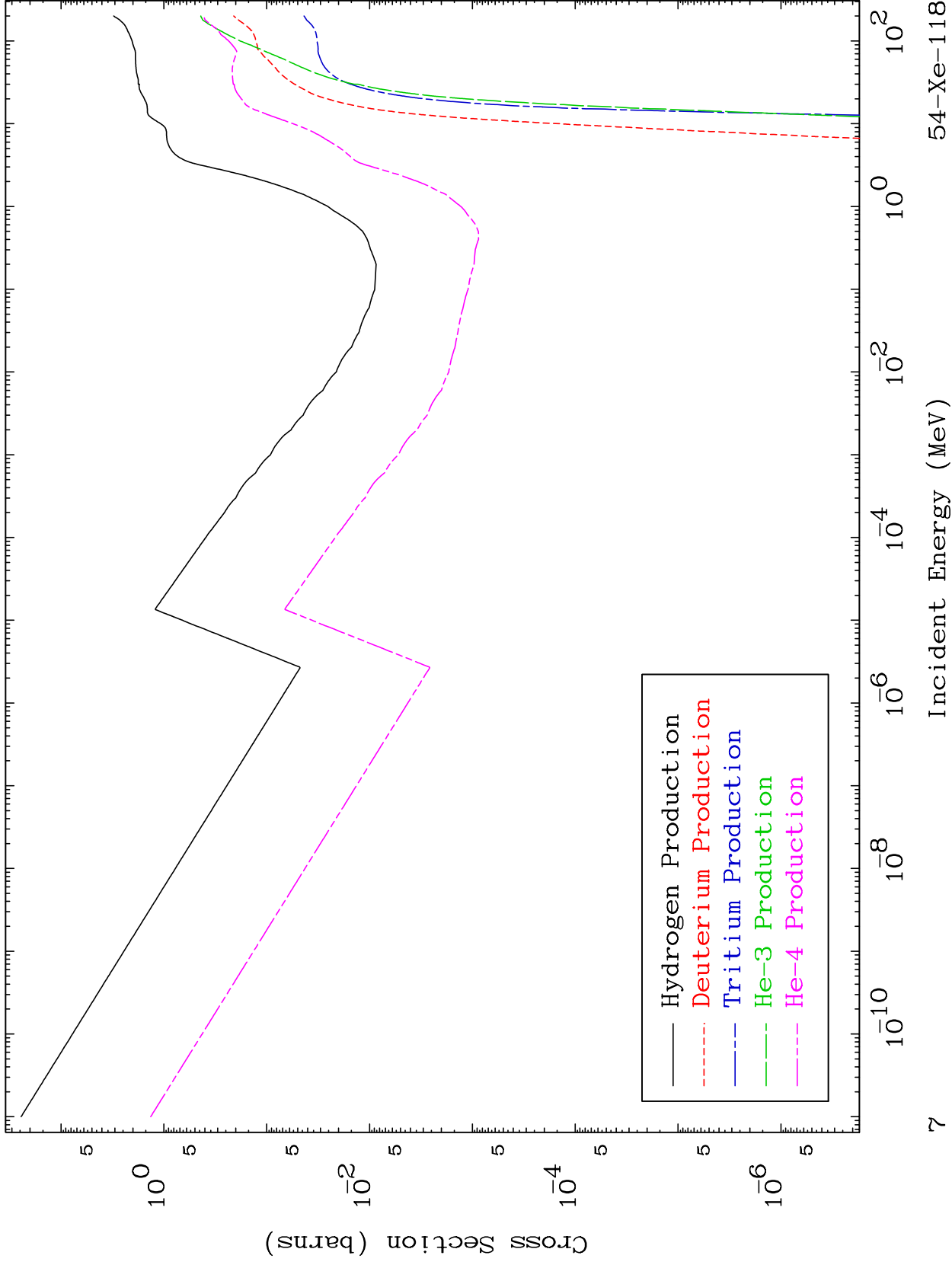
54-Xe-118



MAT 5407

Particle Production
293 Kelvin Cross Sections

54-Xe-118

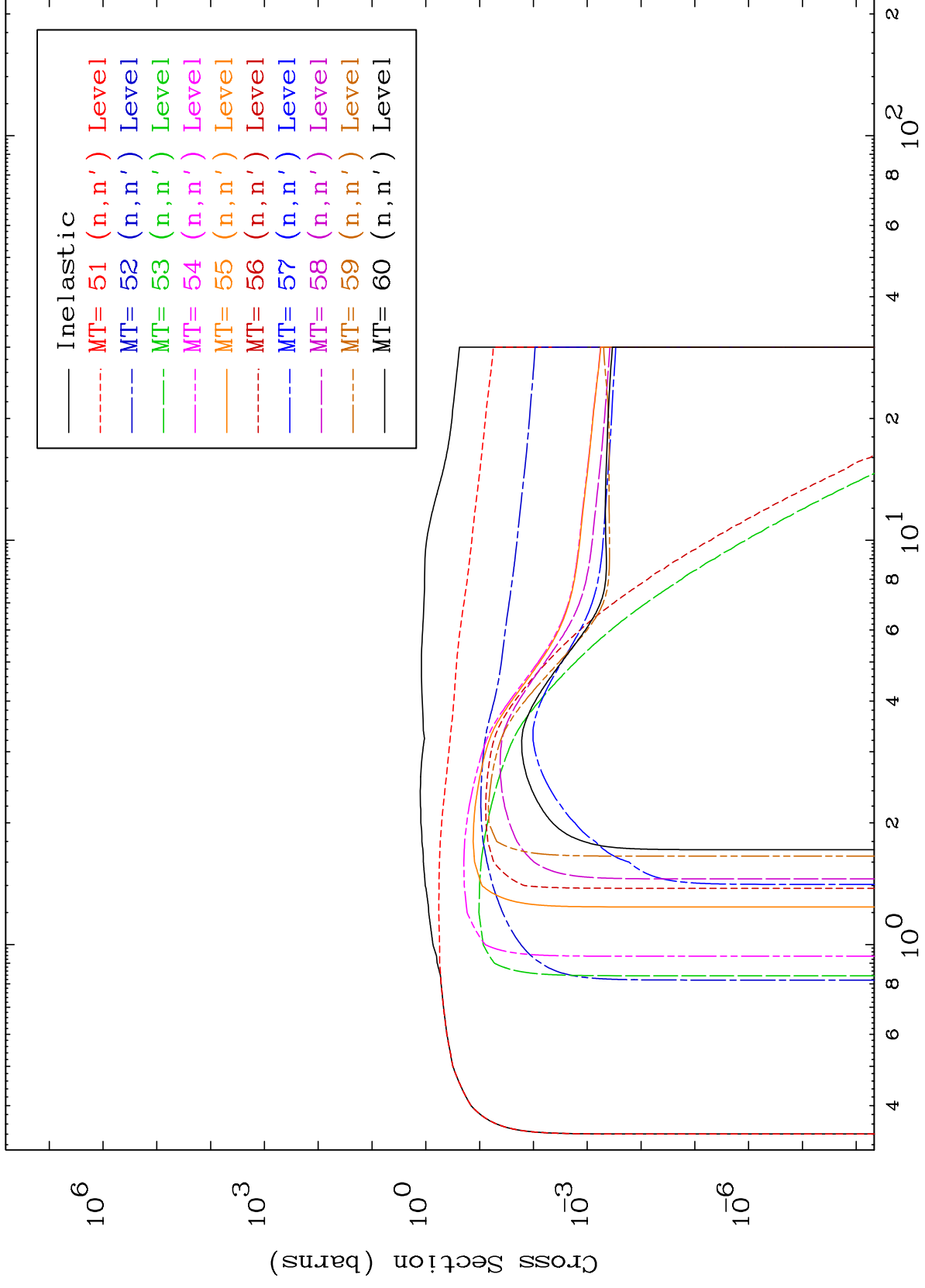


MAT 5407

(n,n') Level

54-Xe-118

293 Kelvin Cross Sections



8

Incident Energy (MeV)

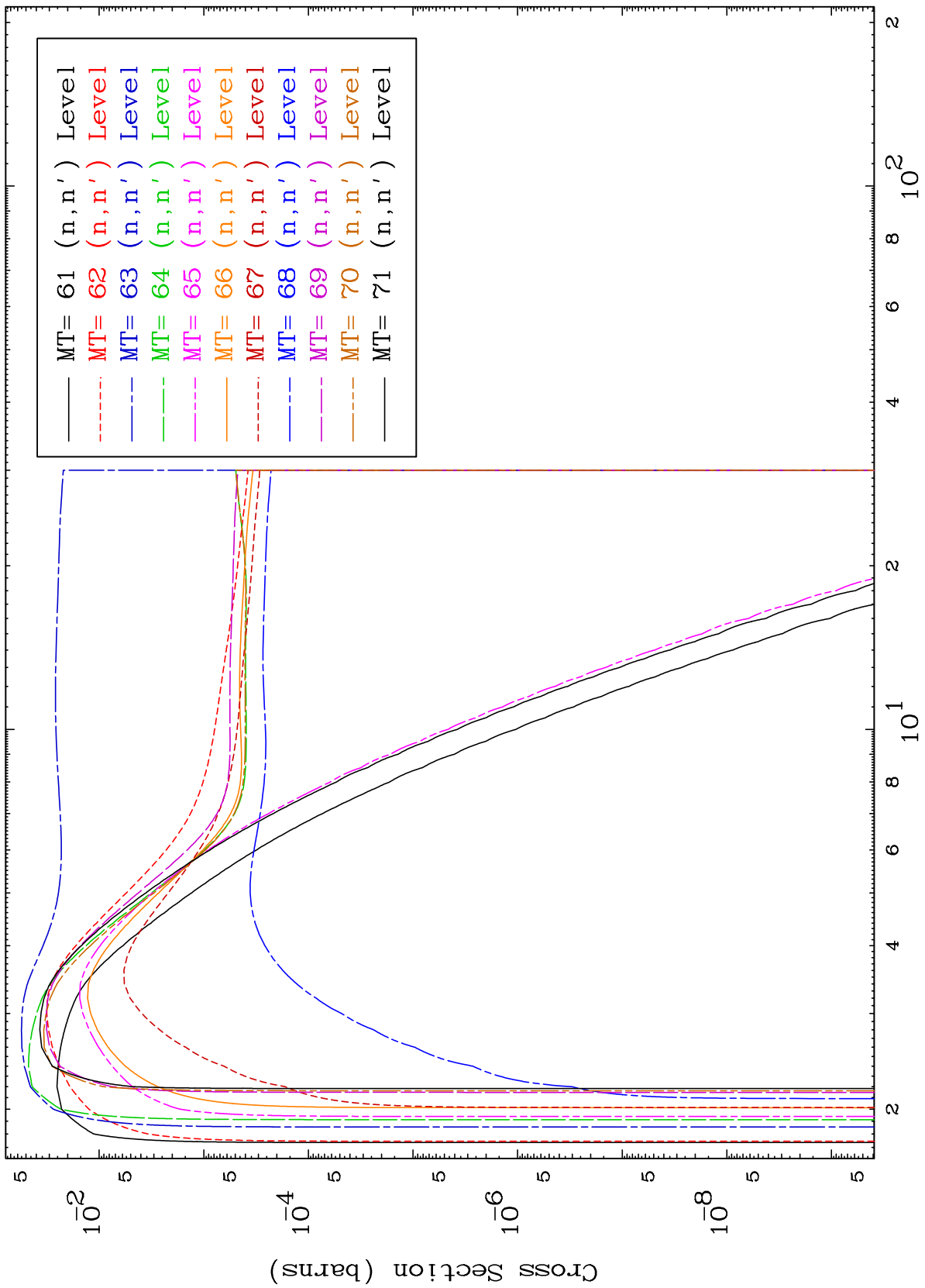
54-Xe-118

MAT 5407

(n,n') Level

54-Xe-118

293 Kelvin Cross Sections



9

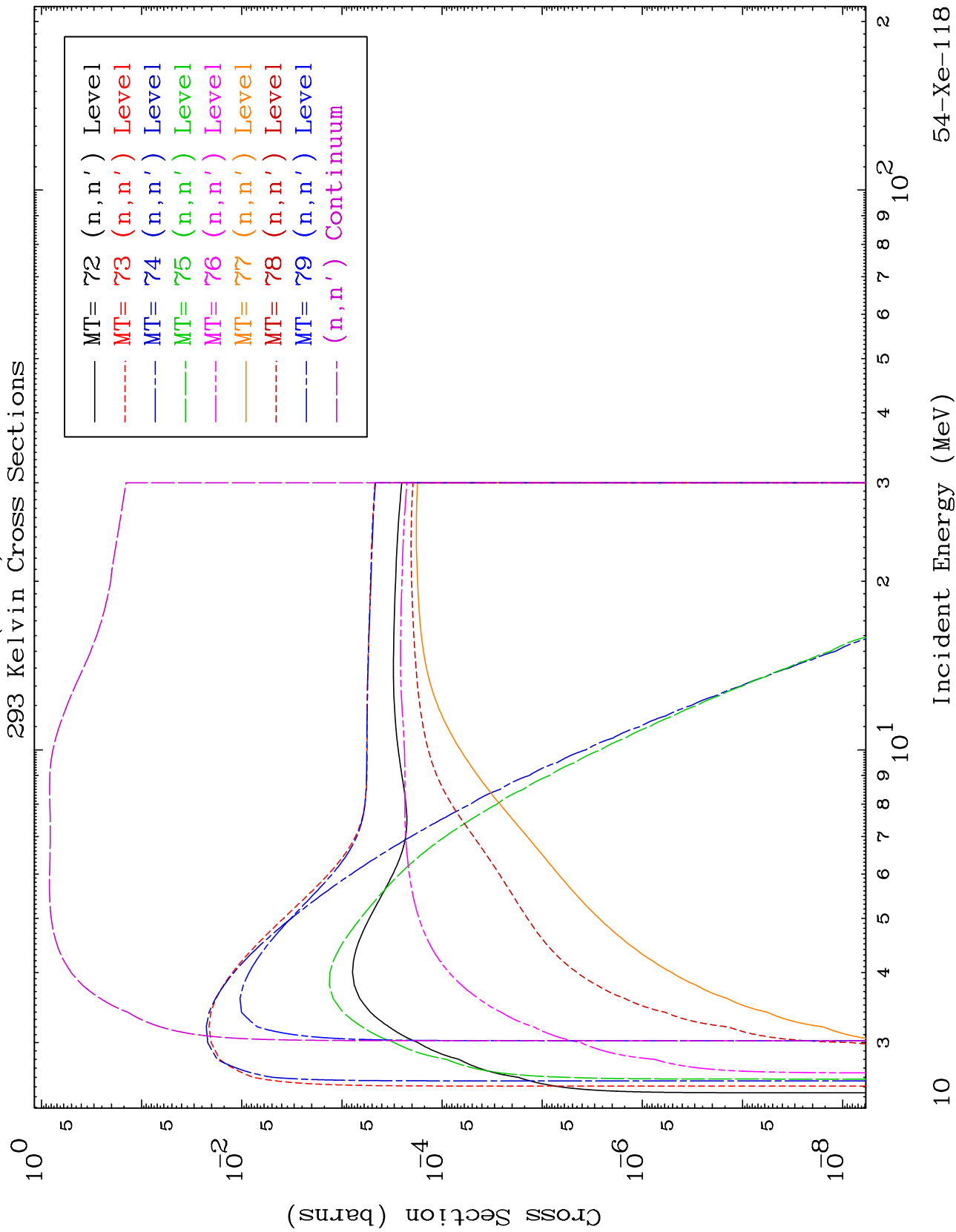
Incident Energy (MeV)

54-Xe-118

MAT 5407

(n,n') Level

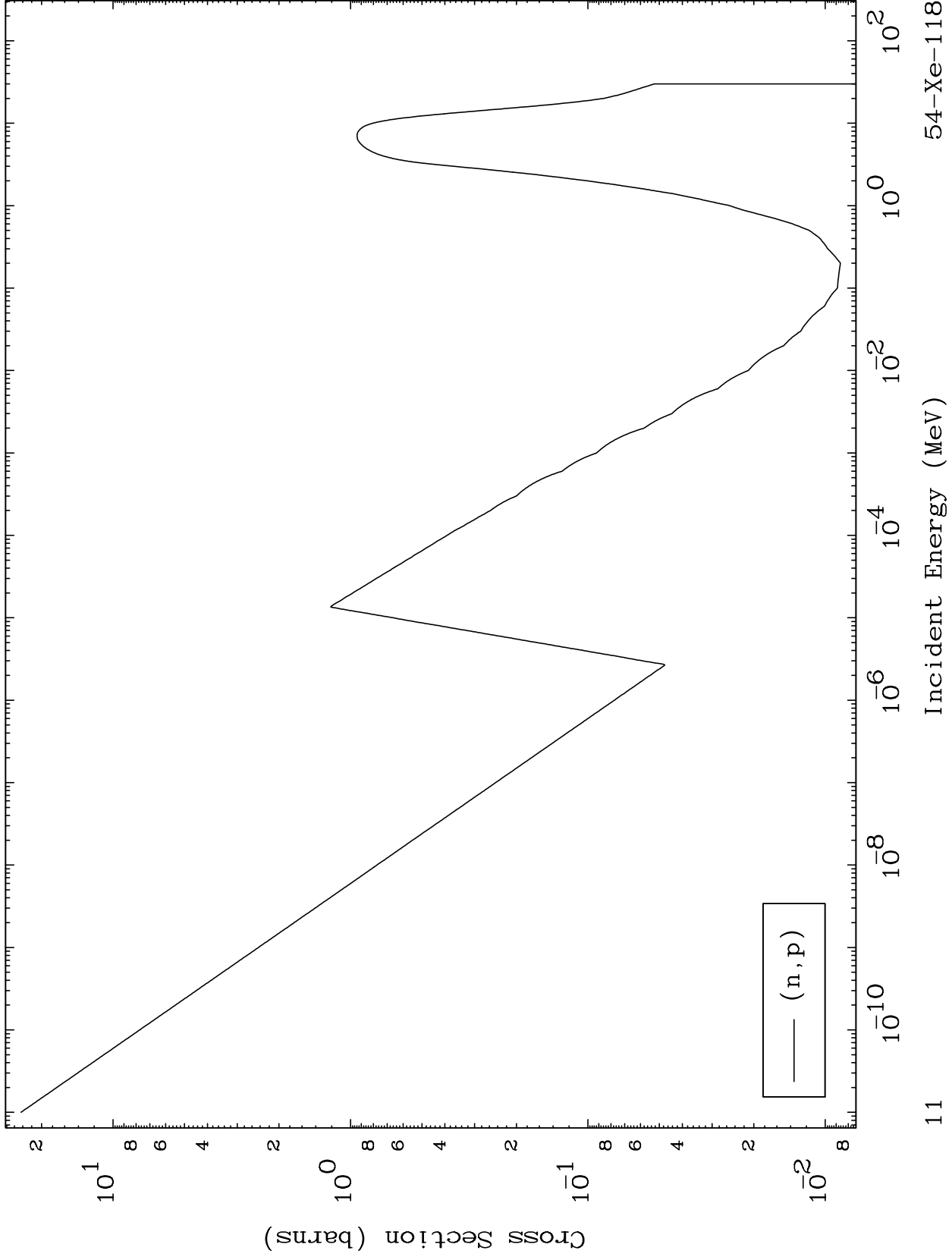
54-Xe-118



MAT 5407

(n,p) Levels
293 Kelvin Cross Sections

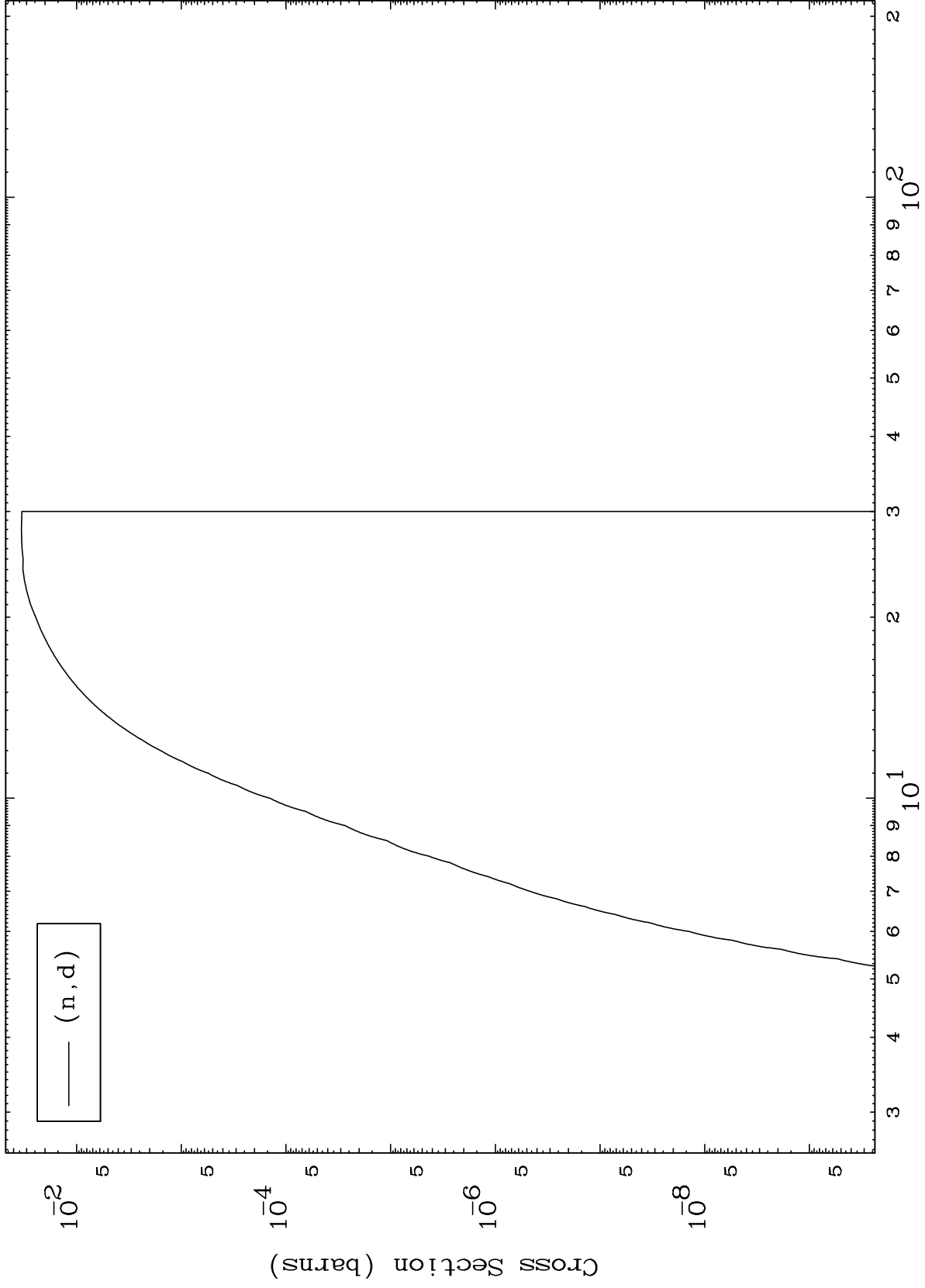
54-Xe-118



MAT 5407

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-118



12

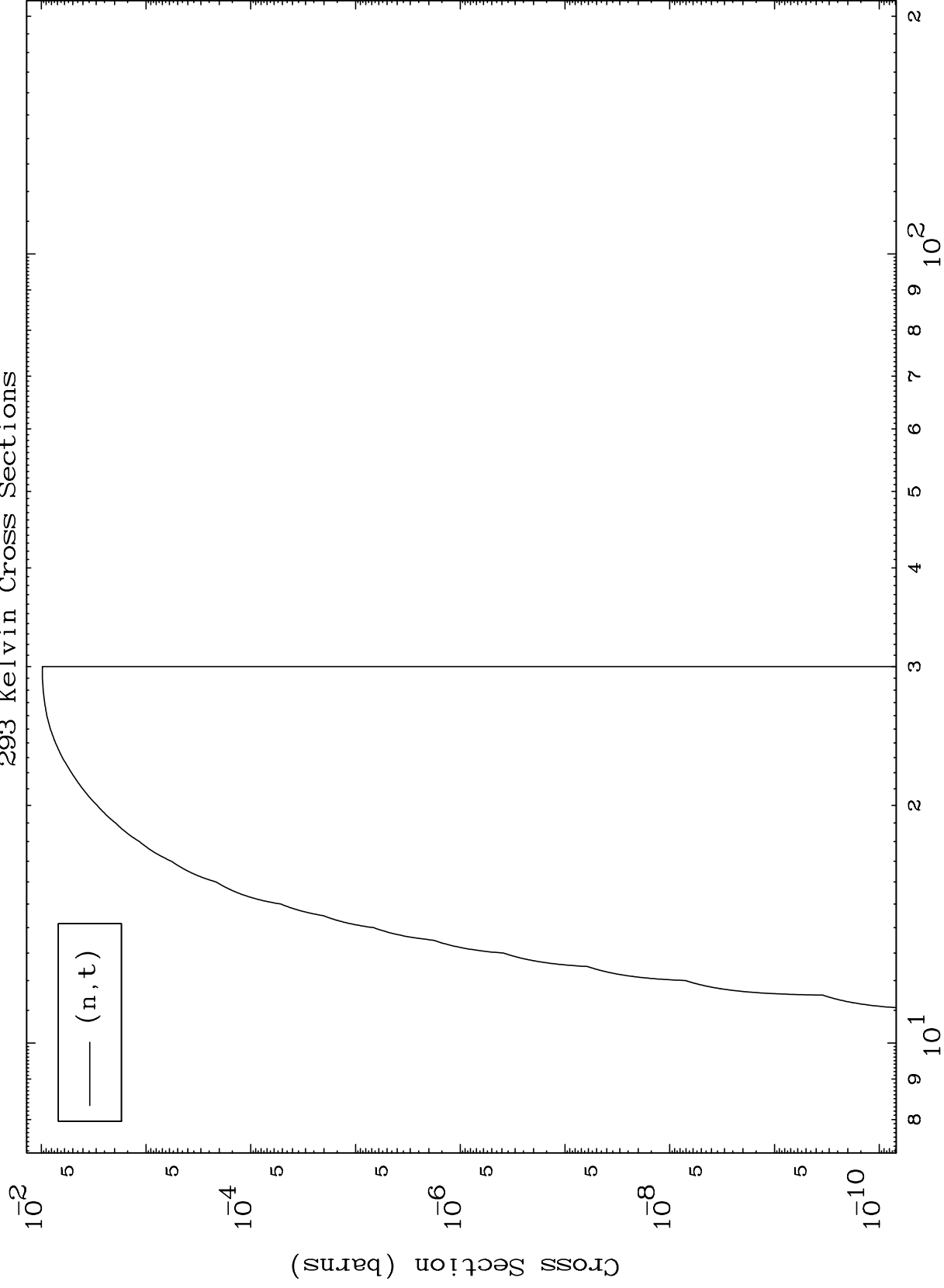
Incident Energy (MeV)

54-Xe-118

MAT 5407

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-118



13

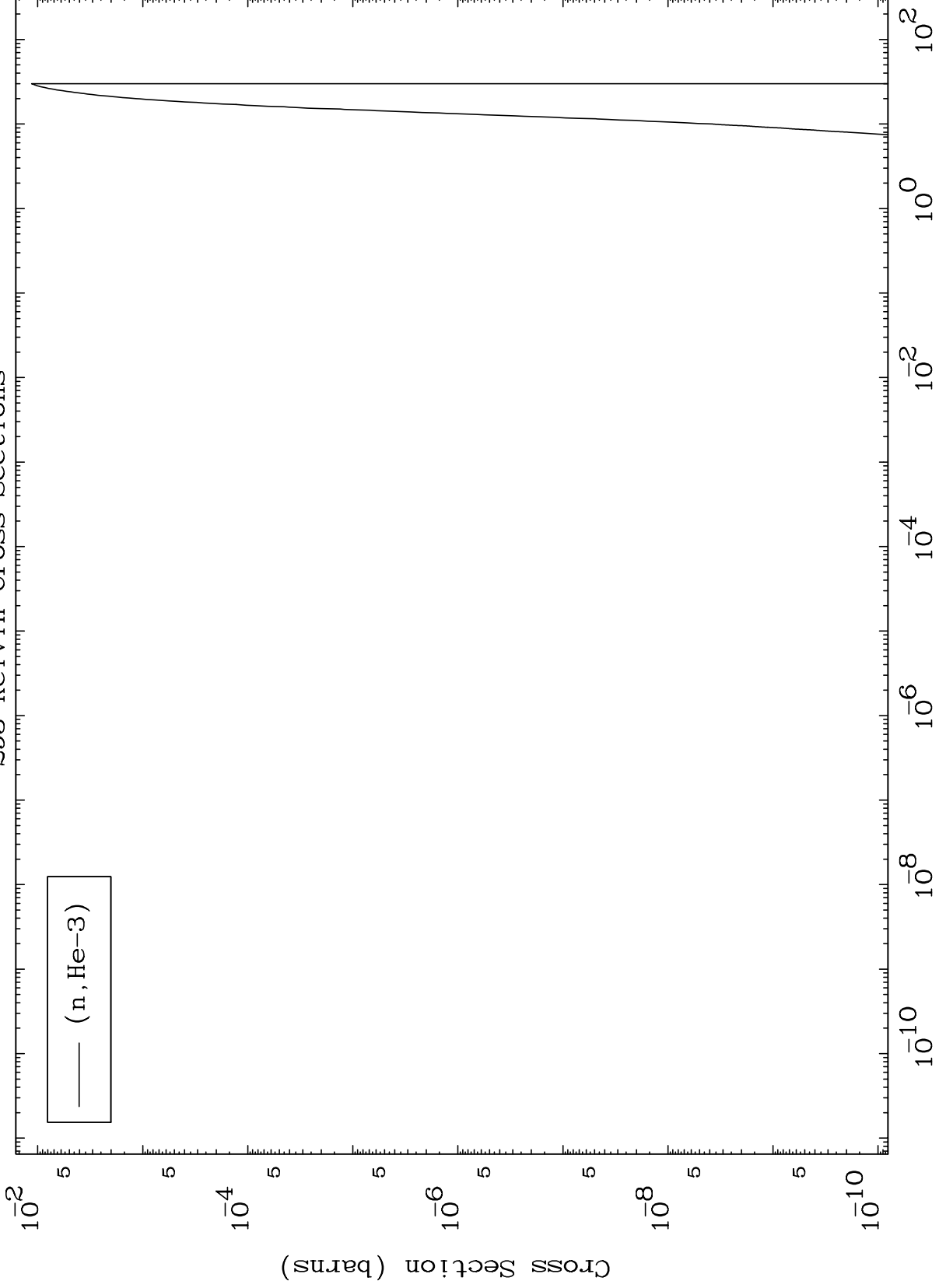
Incident Energy (MeV)

54-Xe-118

MAT 5407

(n,He3) Levels
293 Kelvin Cross Sections

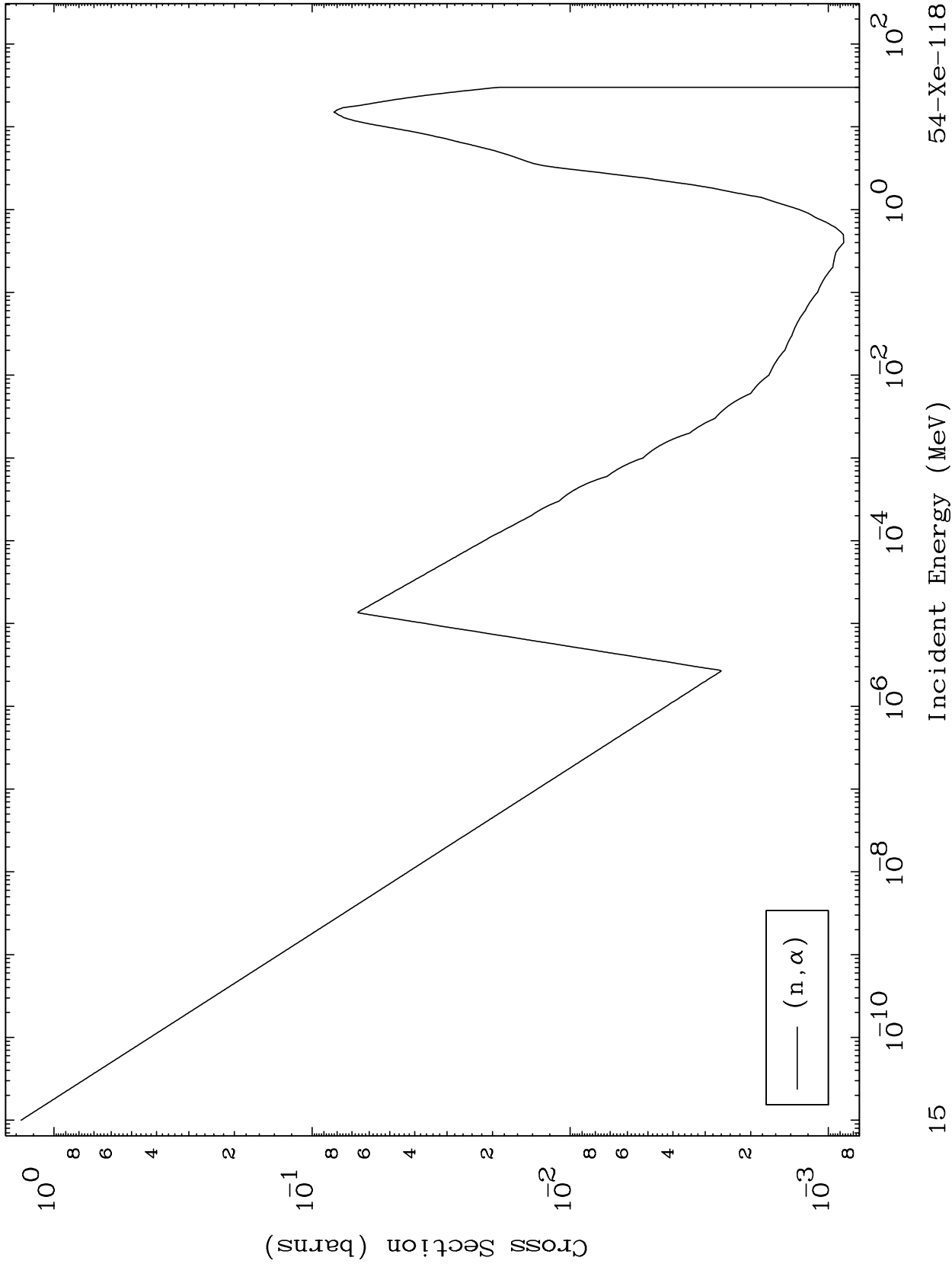
54-Xe-118



MAT 5407

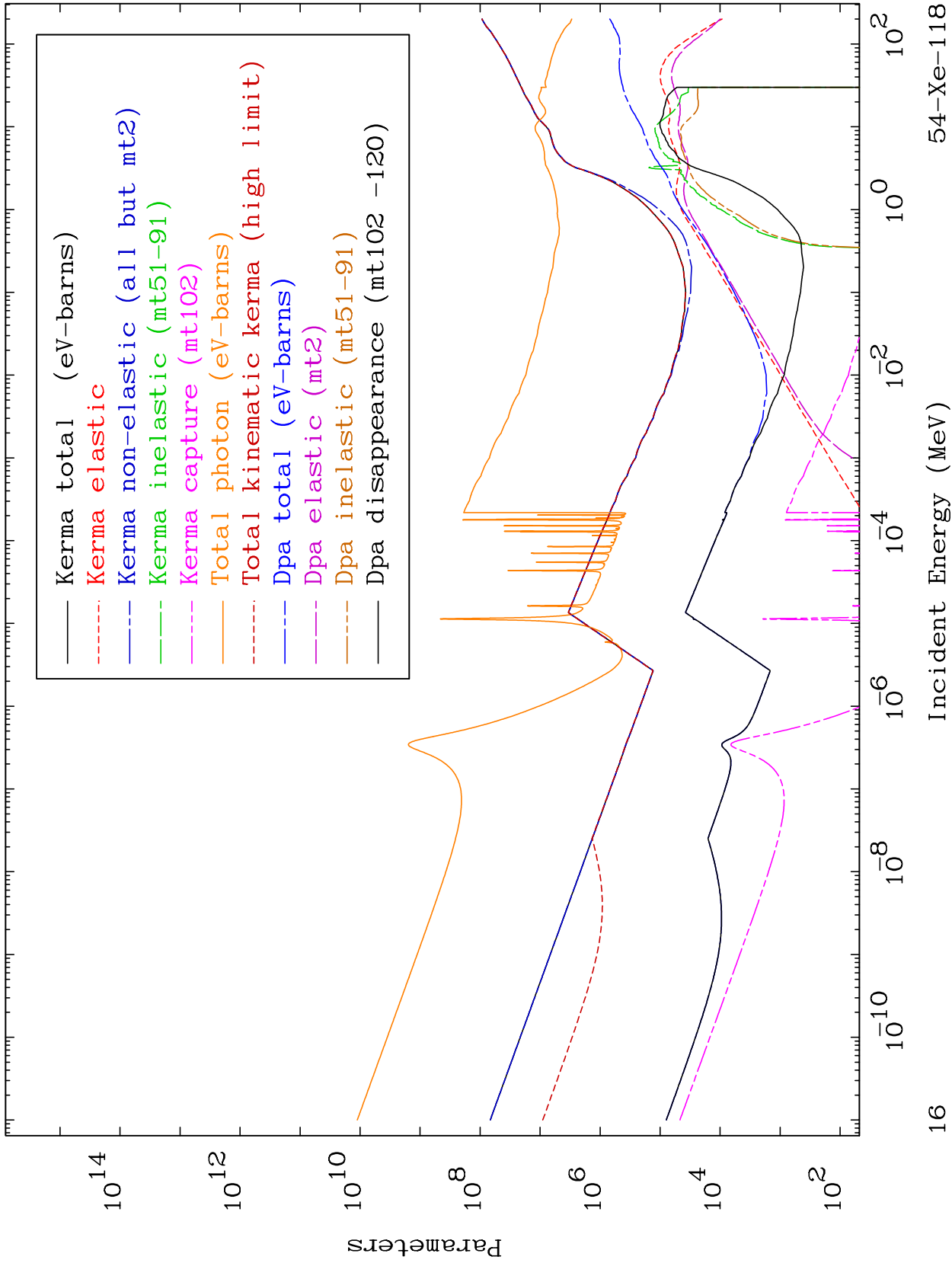
(n,α) Levels
293 Kelvin Cross Sections

54-Xe-118



15

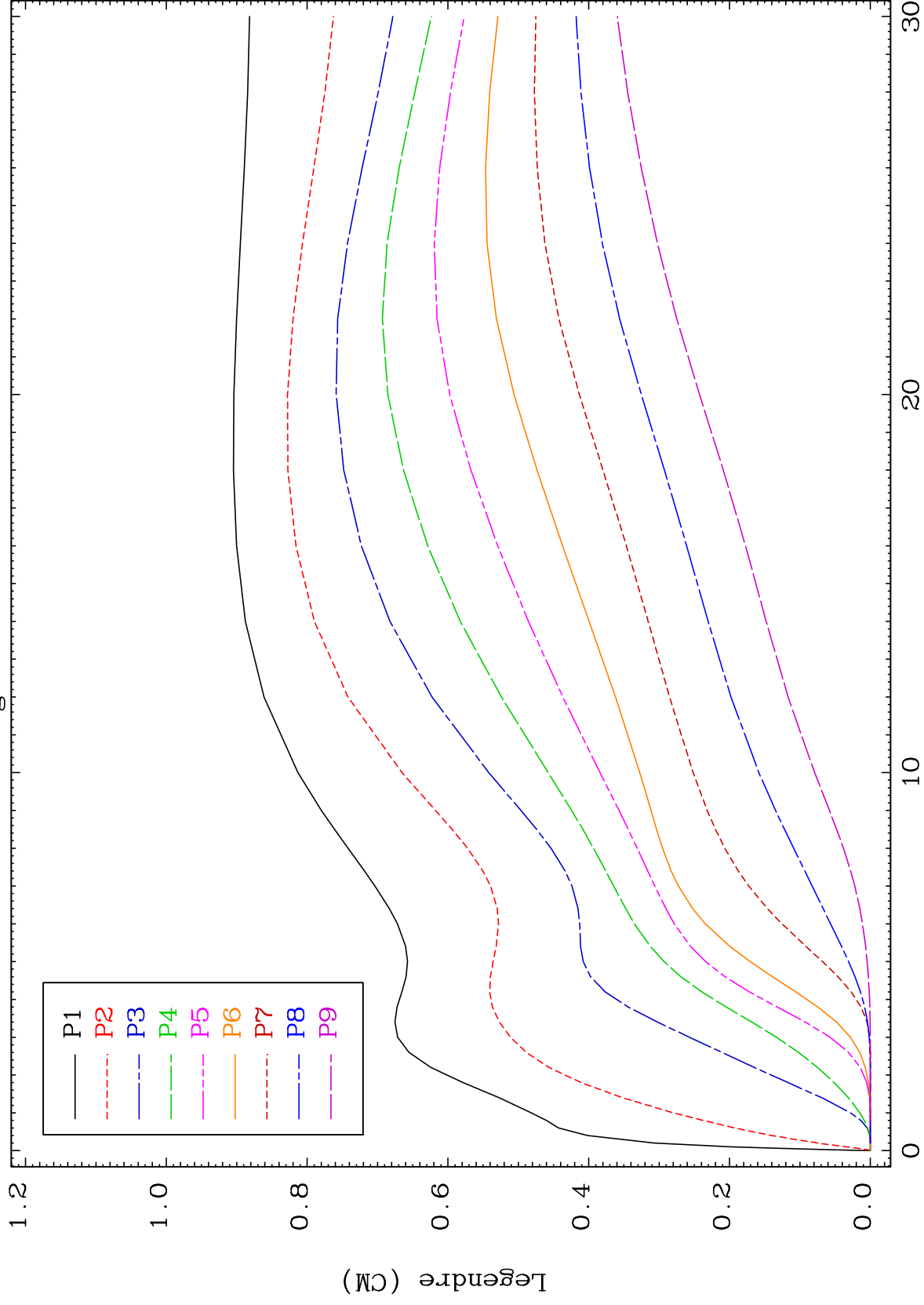
54-Xe-118



MAT 5407

Elastic Legendre Coefficients

54-Xe-118



17

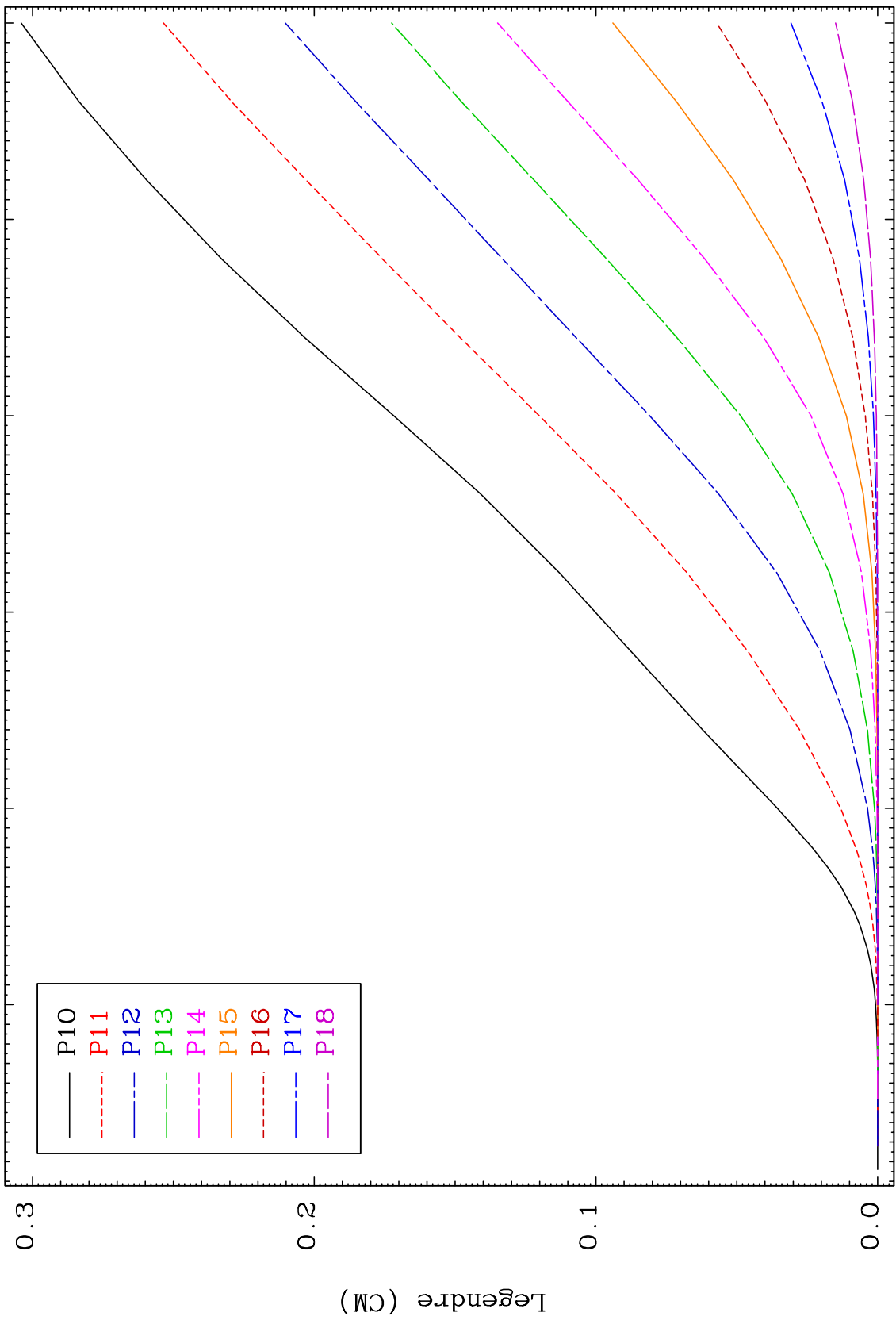
Incident Energy (MeV)

54-Xe-118

MAT 5407

Elastic Legendre Coefficients

54-Xe-118



18

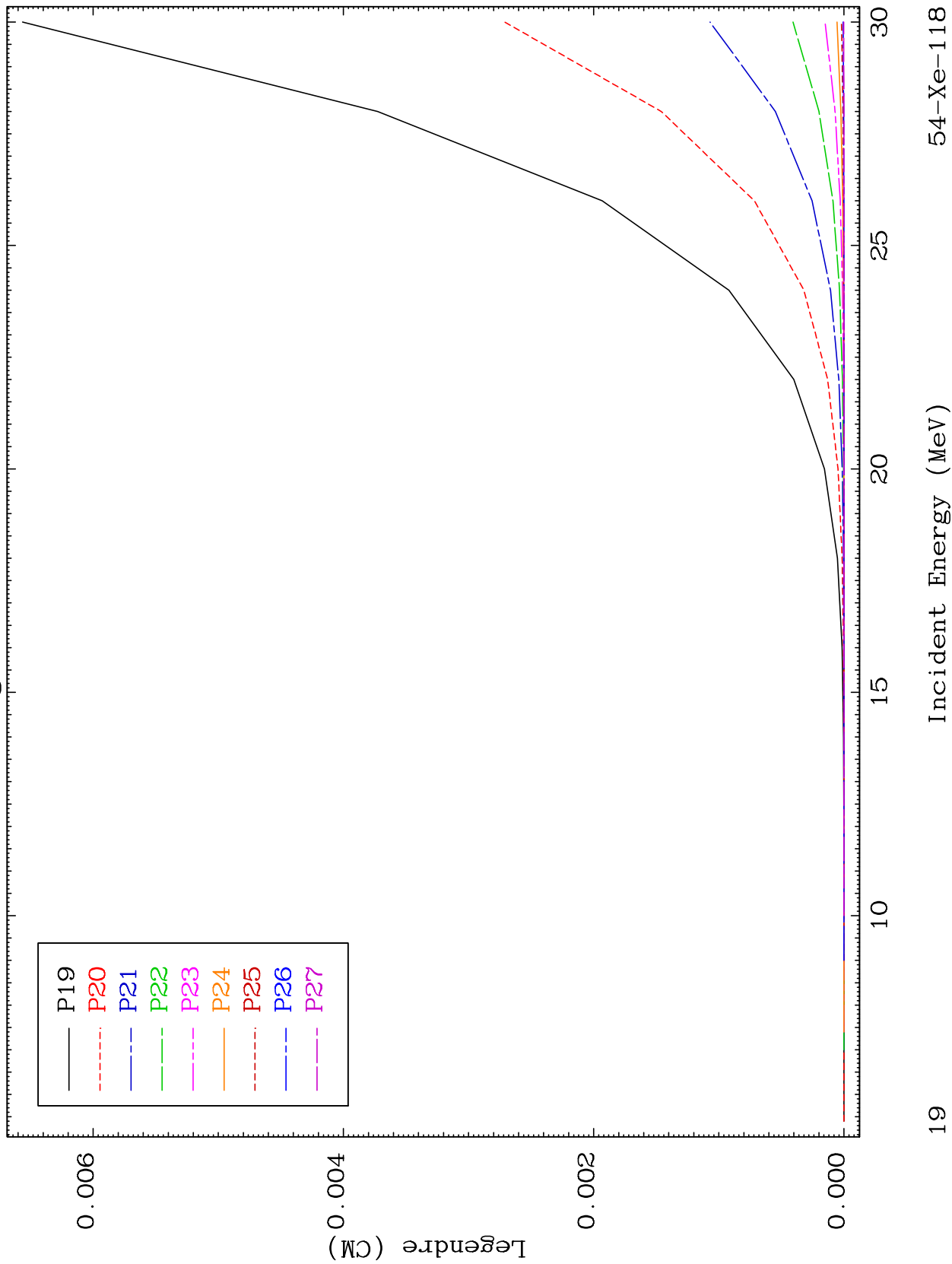
Incident Energy (MeV)

54-Xe-118

MAT 5407

Elastic Legendre Coefficients

54-Xe-118



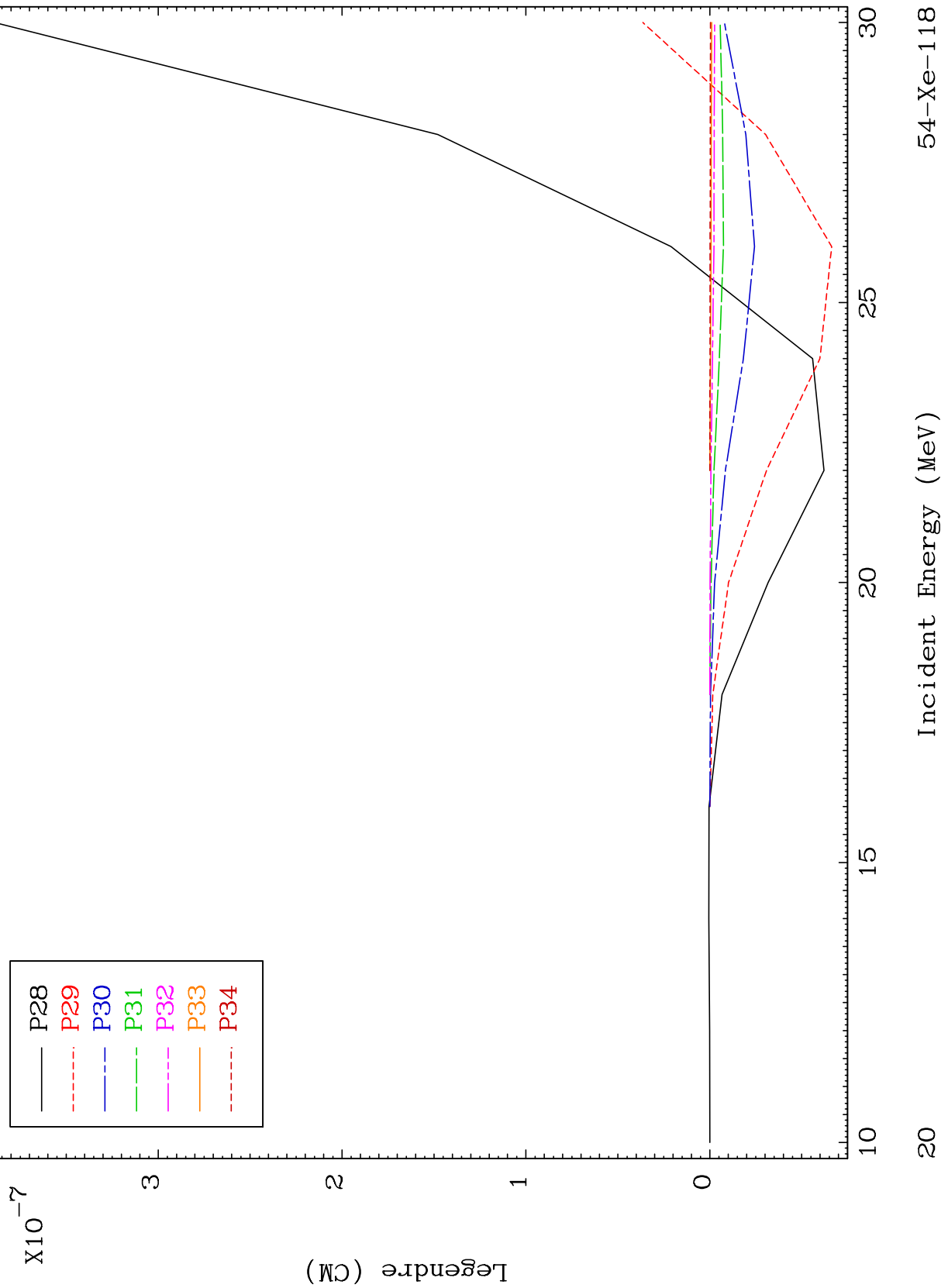
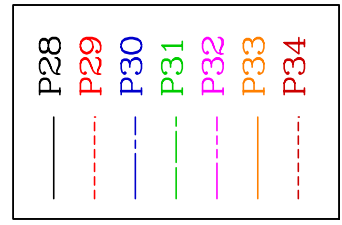
19

54-Xe-118

MAT 5407

Elastic Legendre Coefficients

54-Xe-118



20

Incident Energy (MeV)

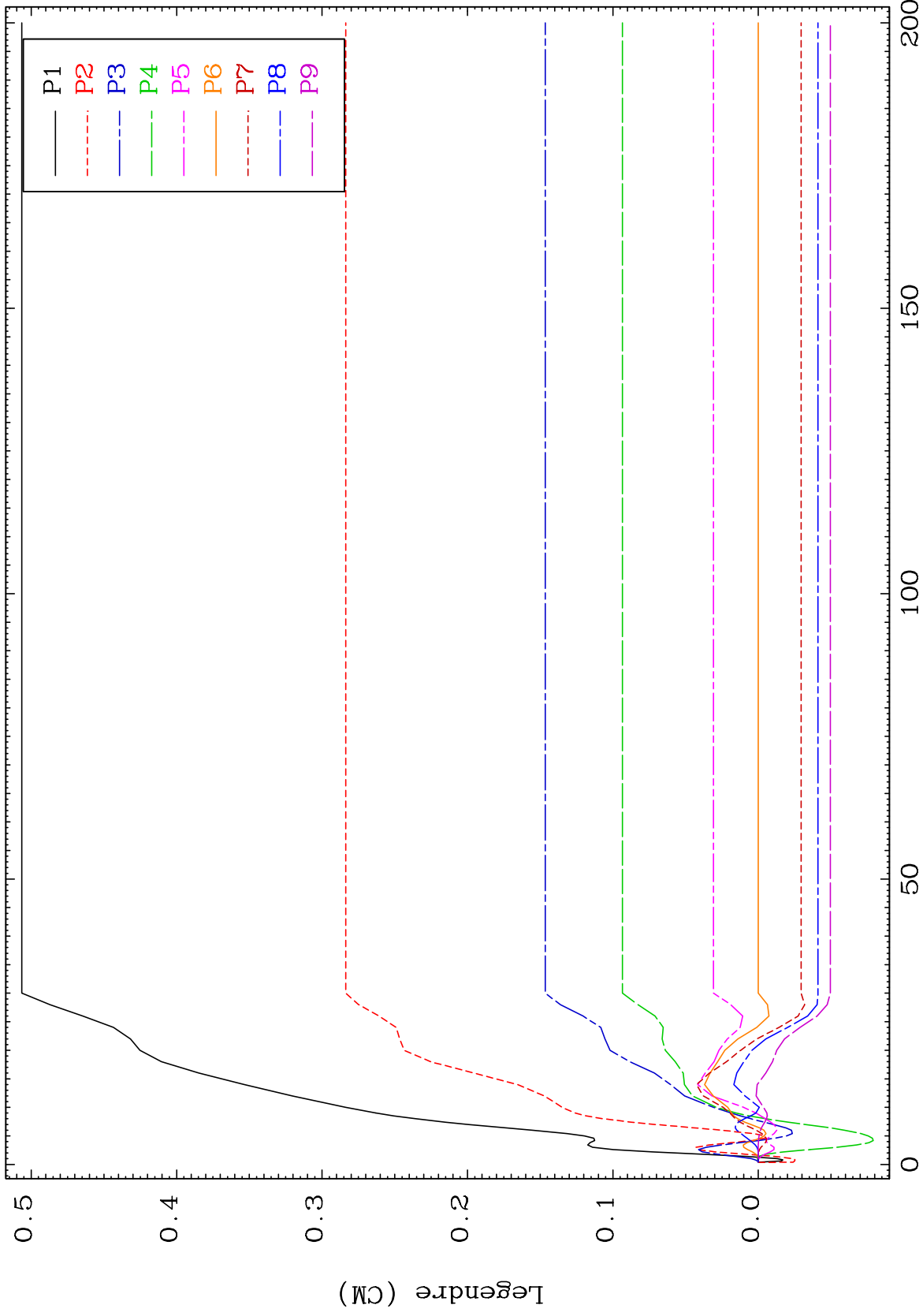
54-Xe-118

MAT 5407

MT= 51 (n,n') Level

54-Xe-118

Legendre Coefficients



21

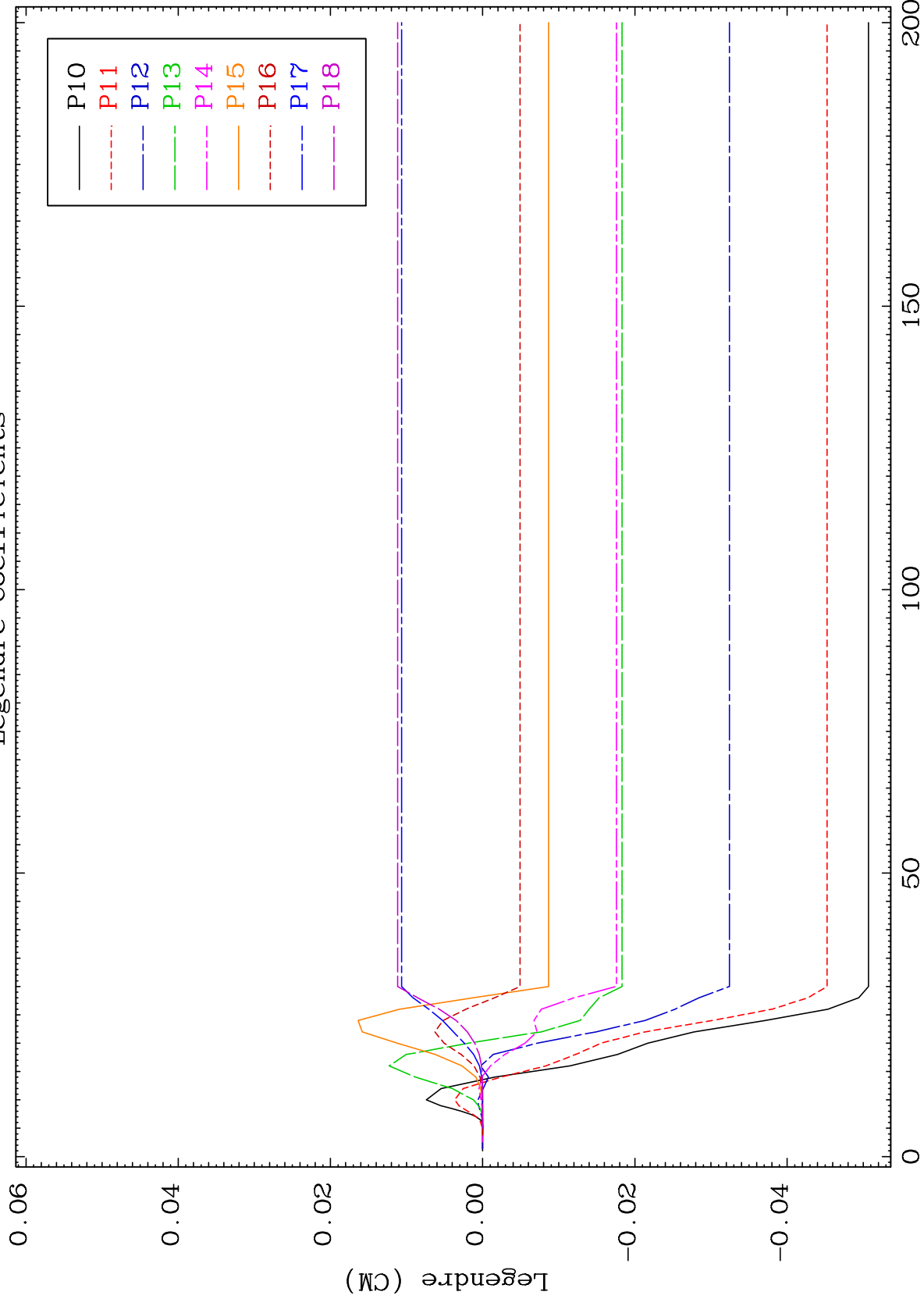
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



22

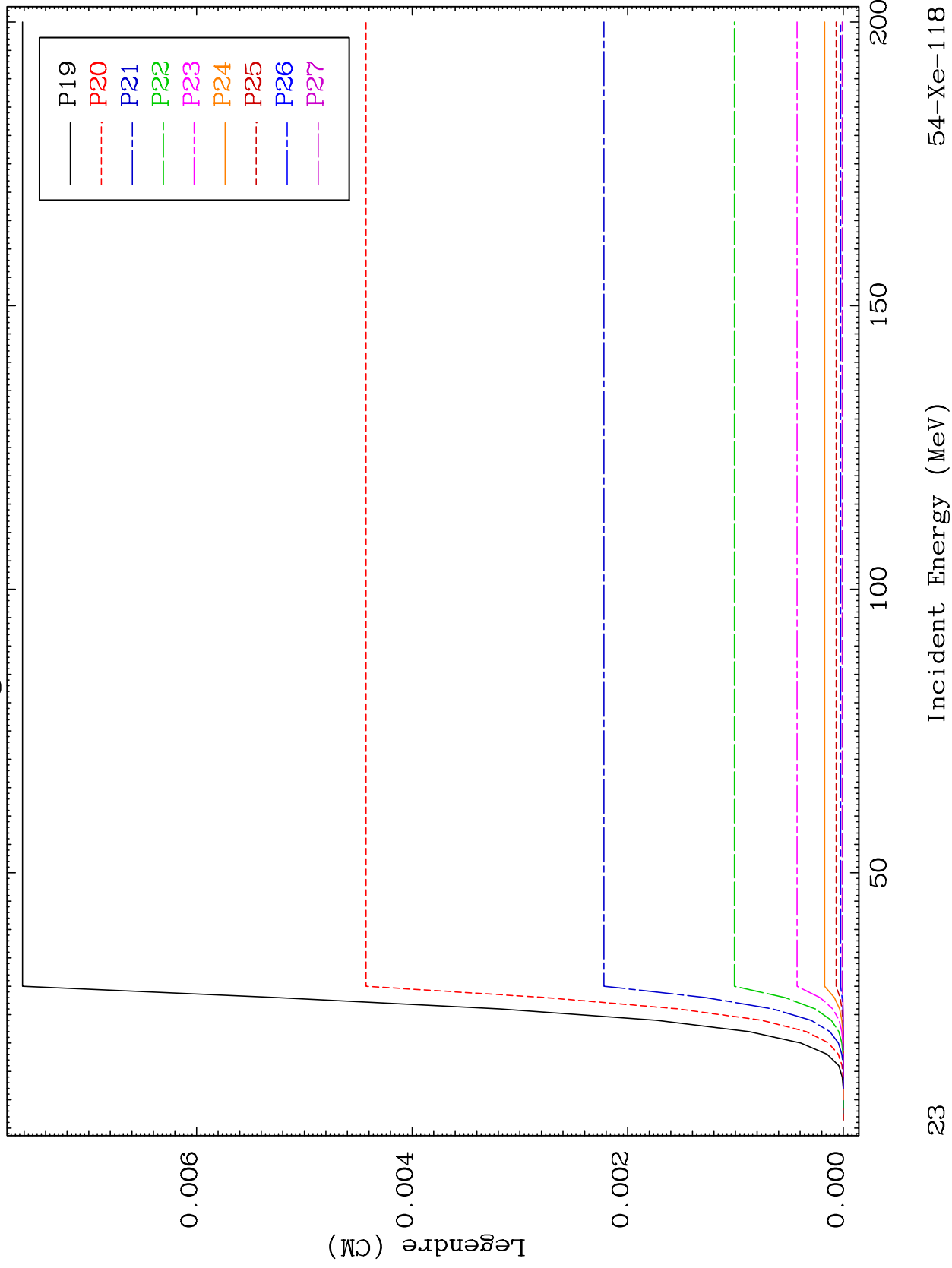
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



23

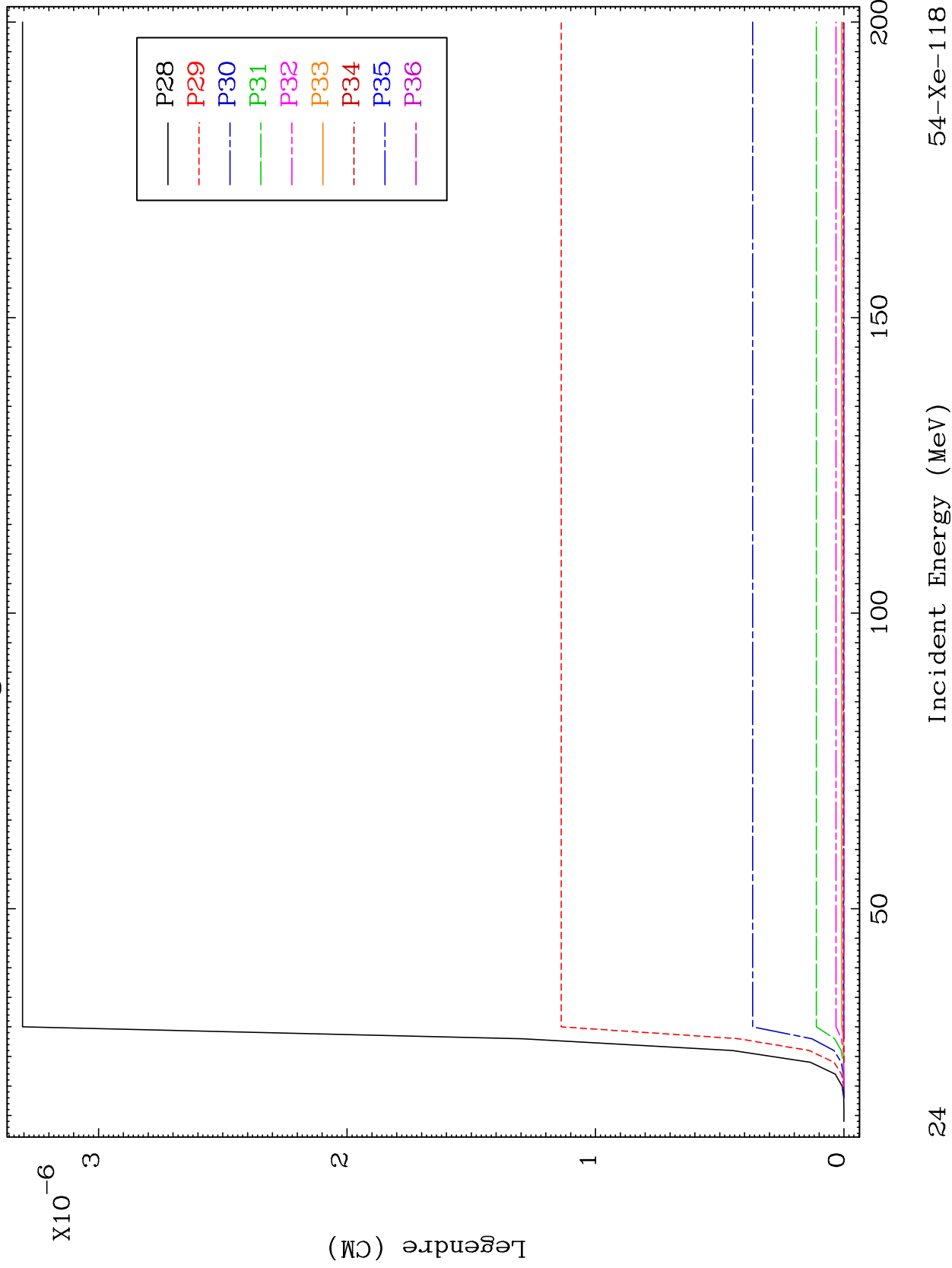
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

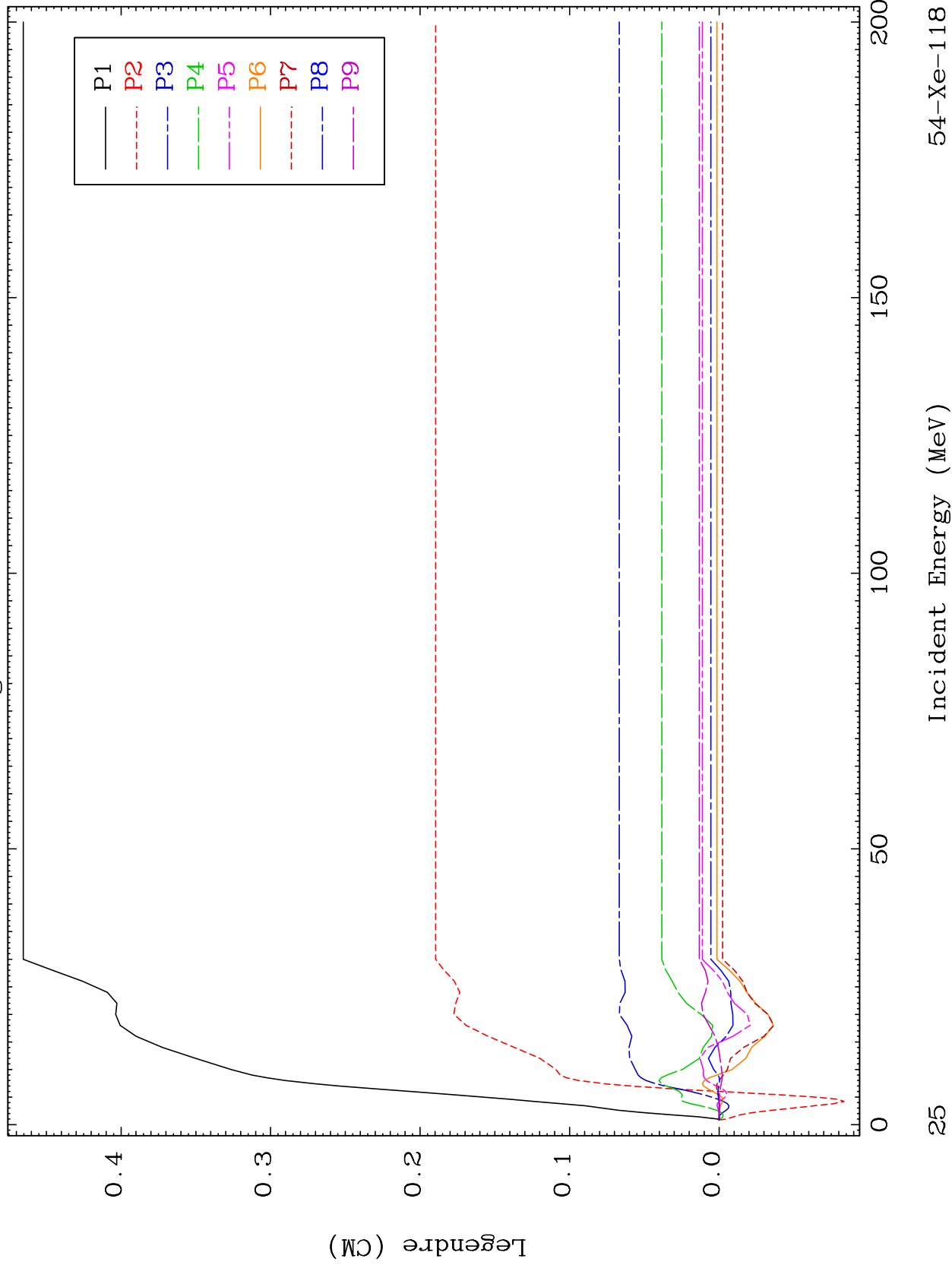
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

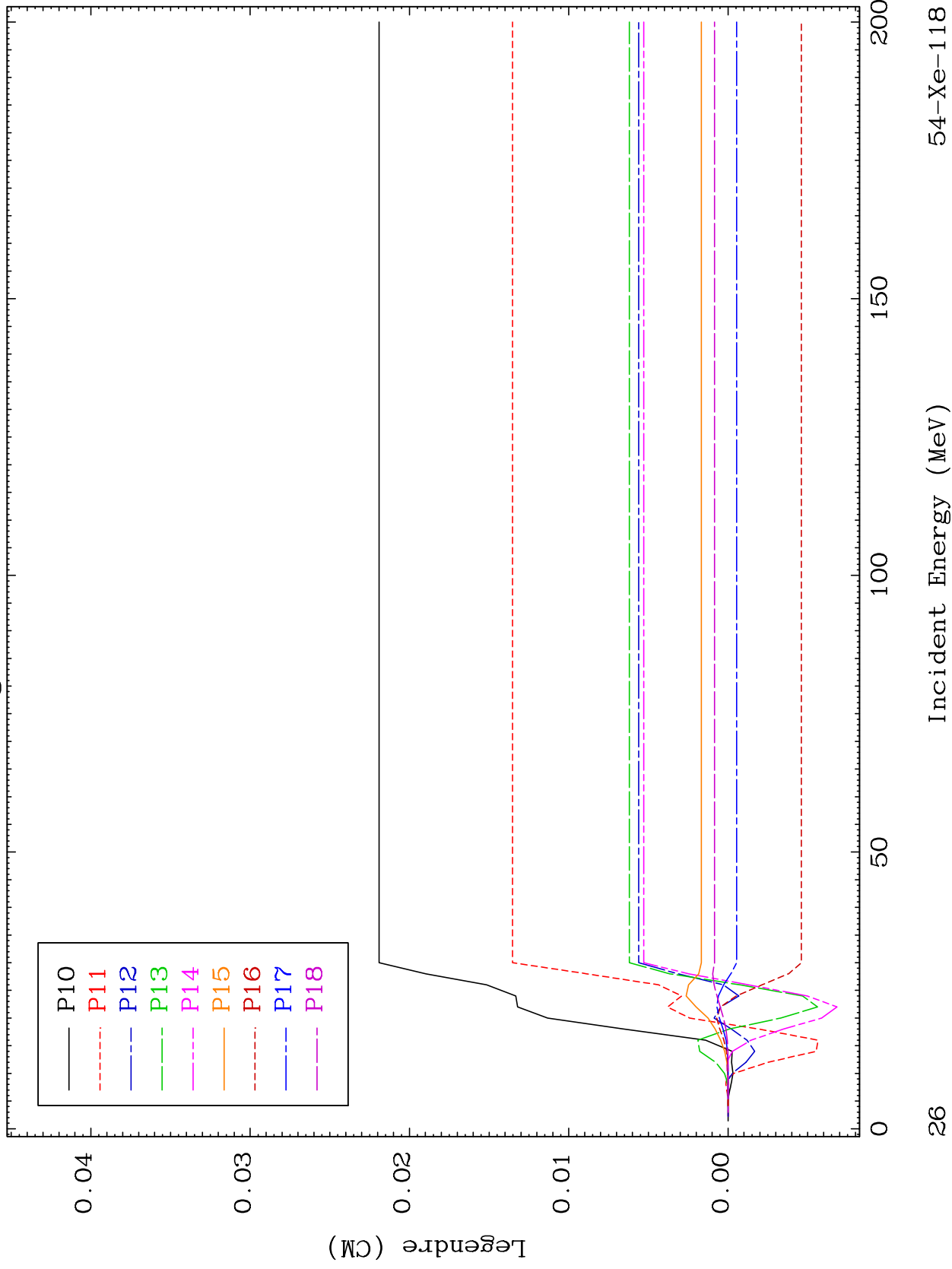
Incident Energy (MeV)

25

MAT 5407

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

54-Xe-118



26

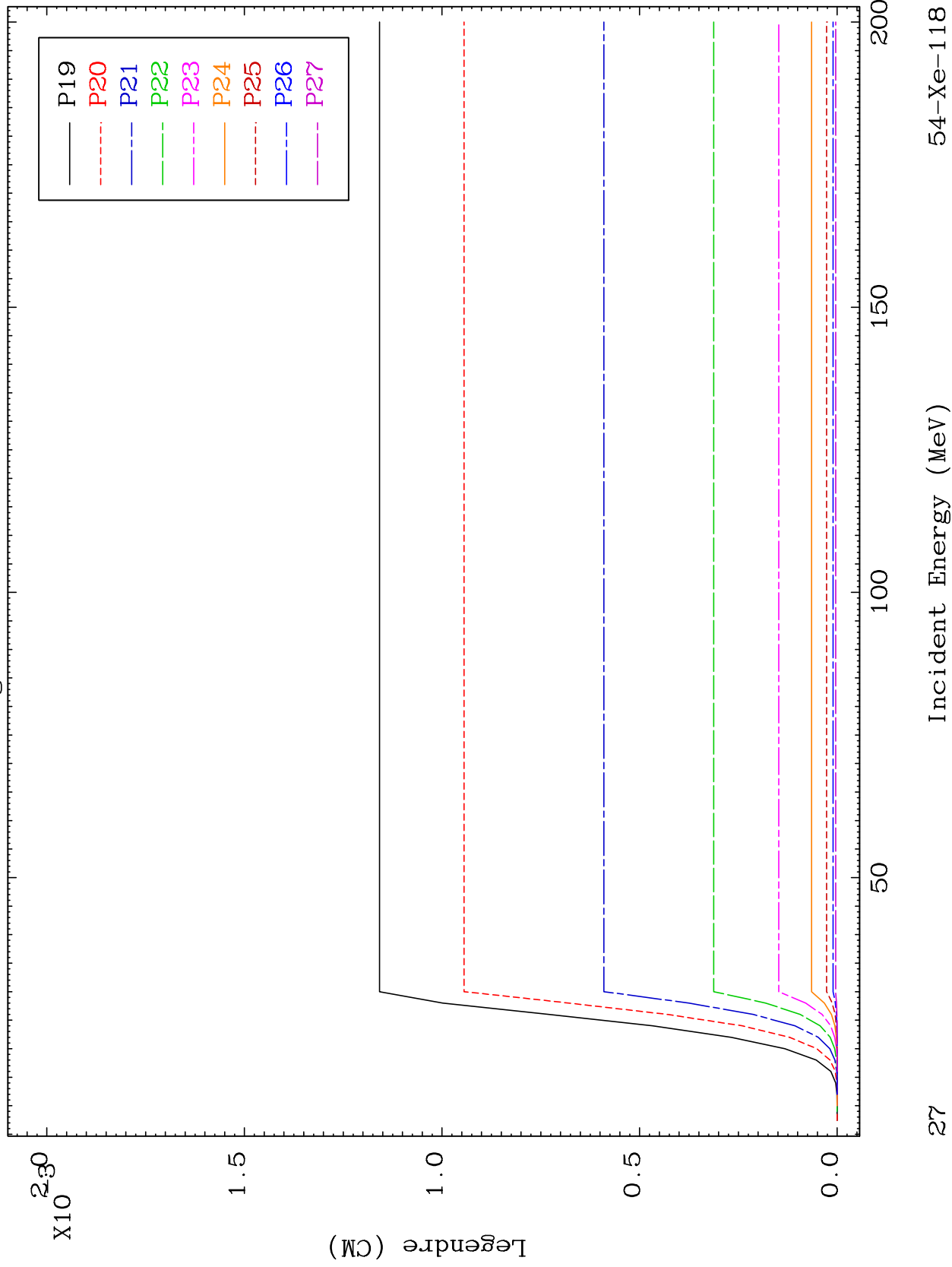
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



27

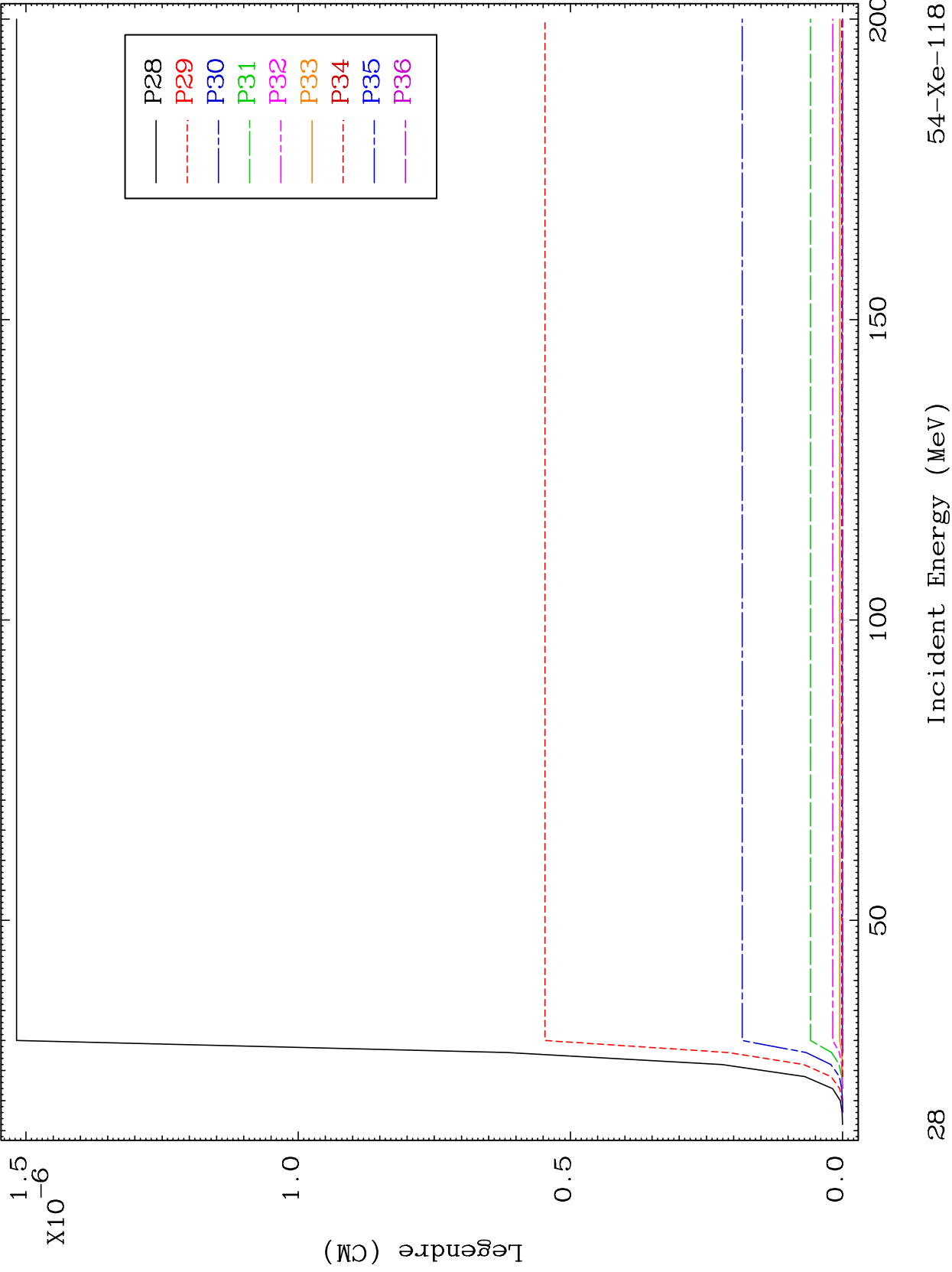
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

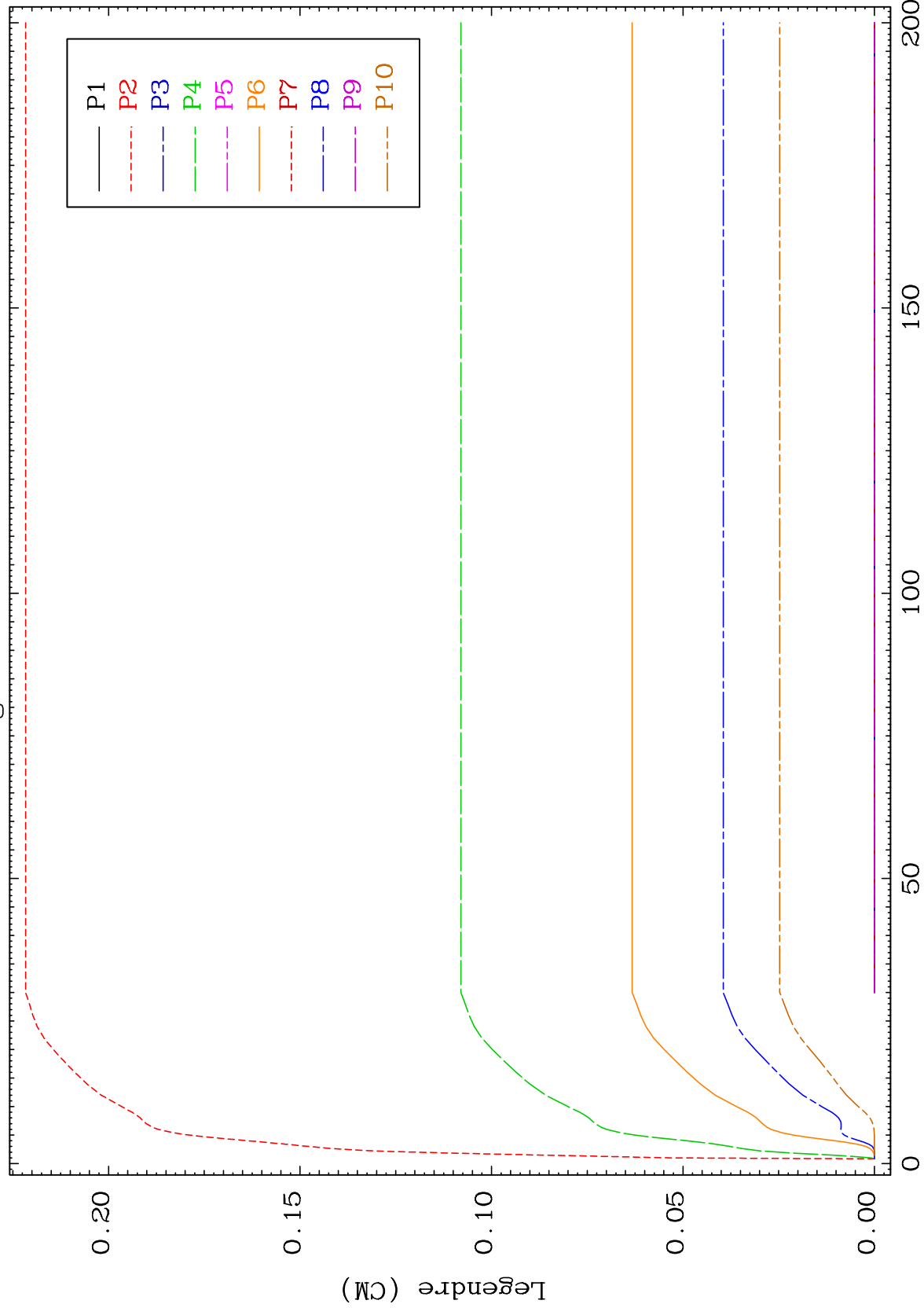
54-Xe-118



MAT 5407

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

54-Xe-118



29

Incident Energy (MeV)

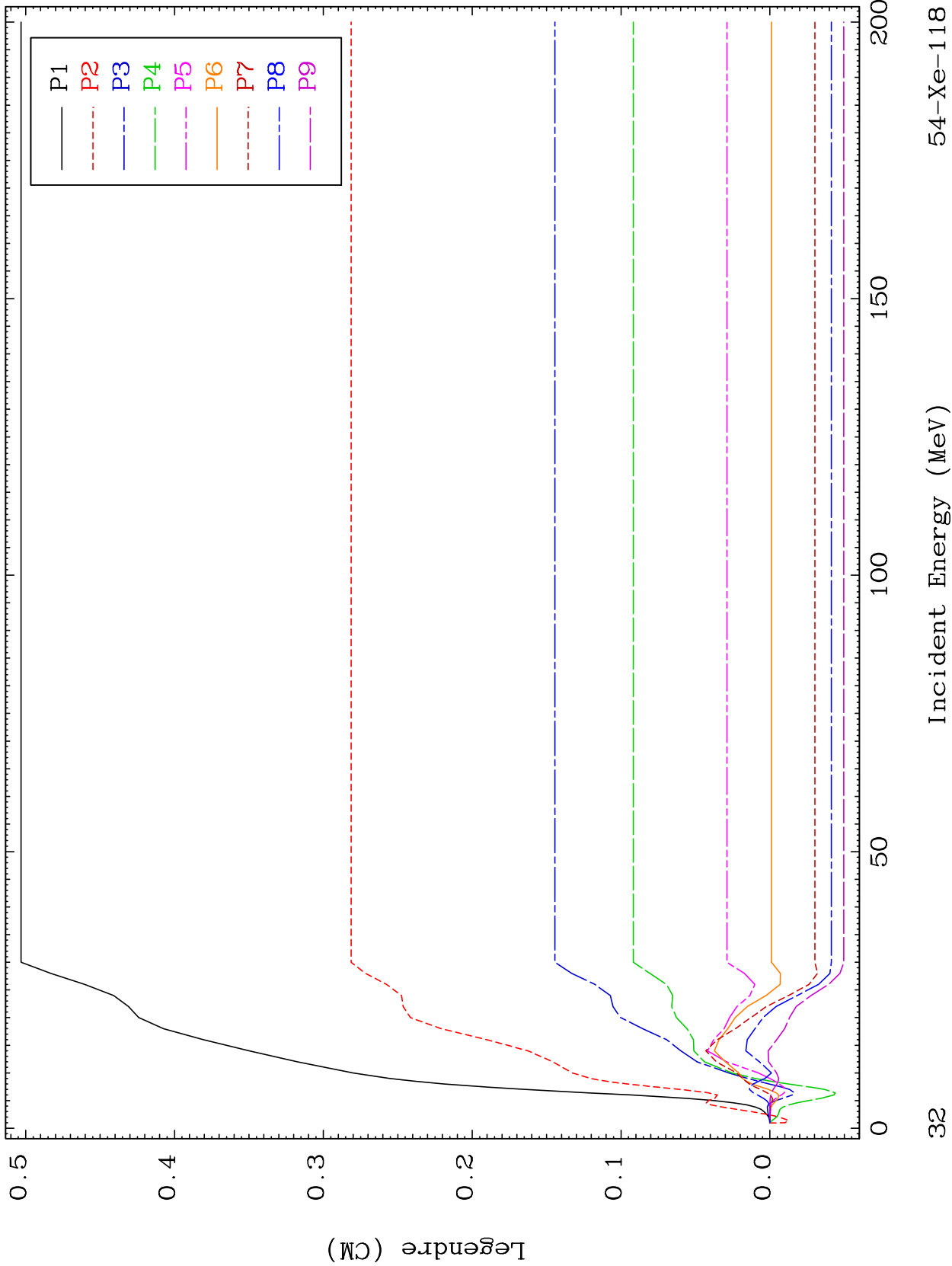
54-Xe-118

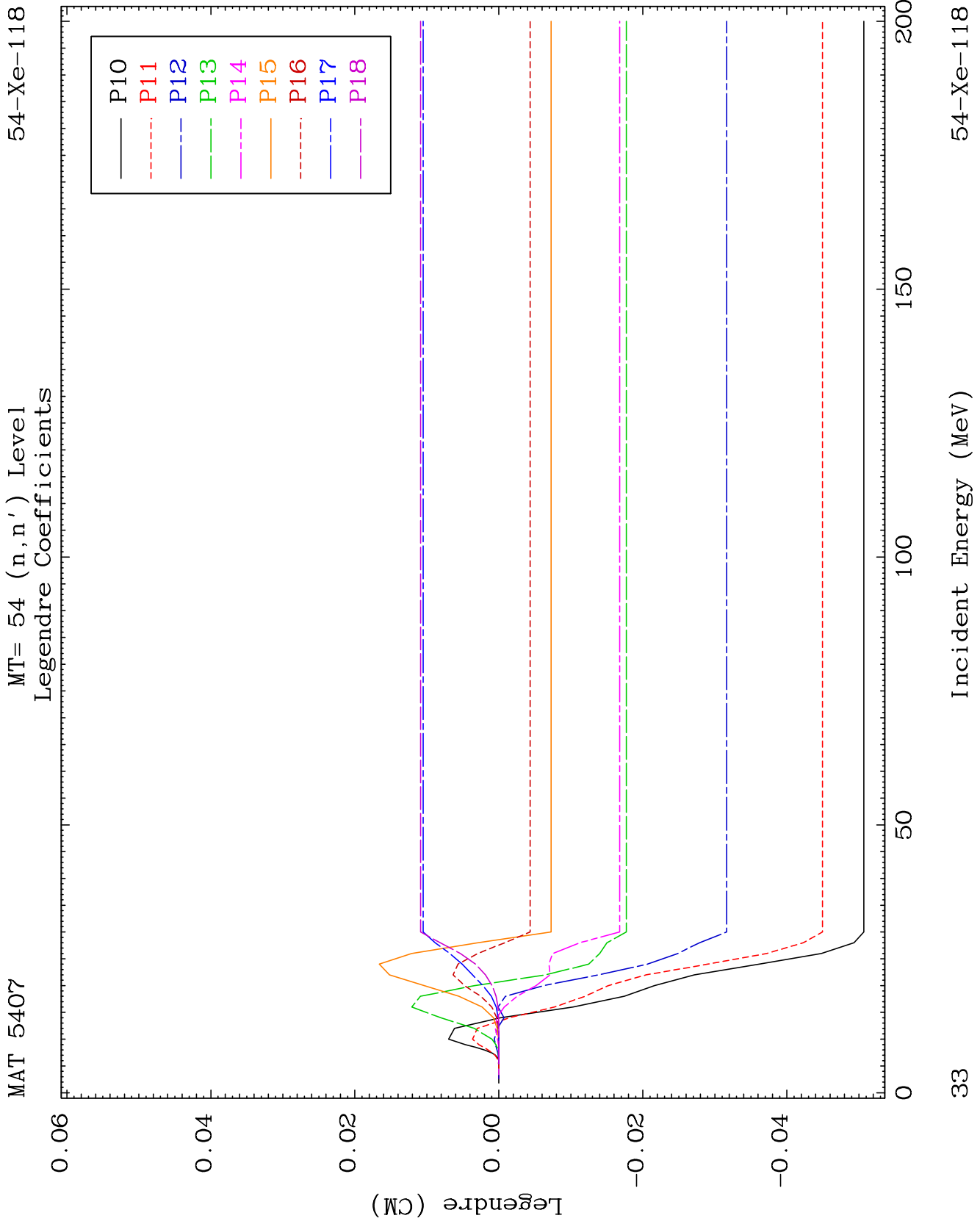
MAT 5407

MT= 54 (n,n') Level

54-Xe-118

Legendre Coefficients

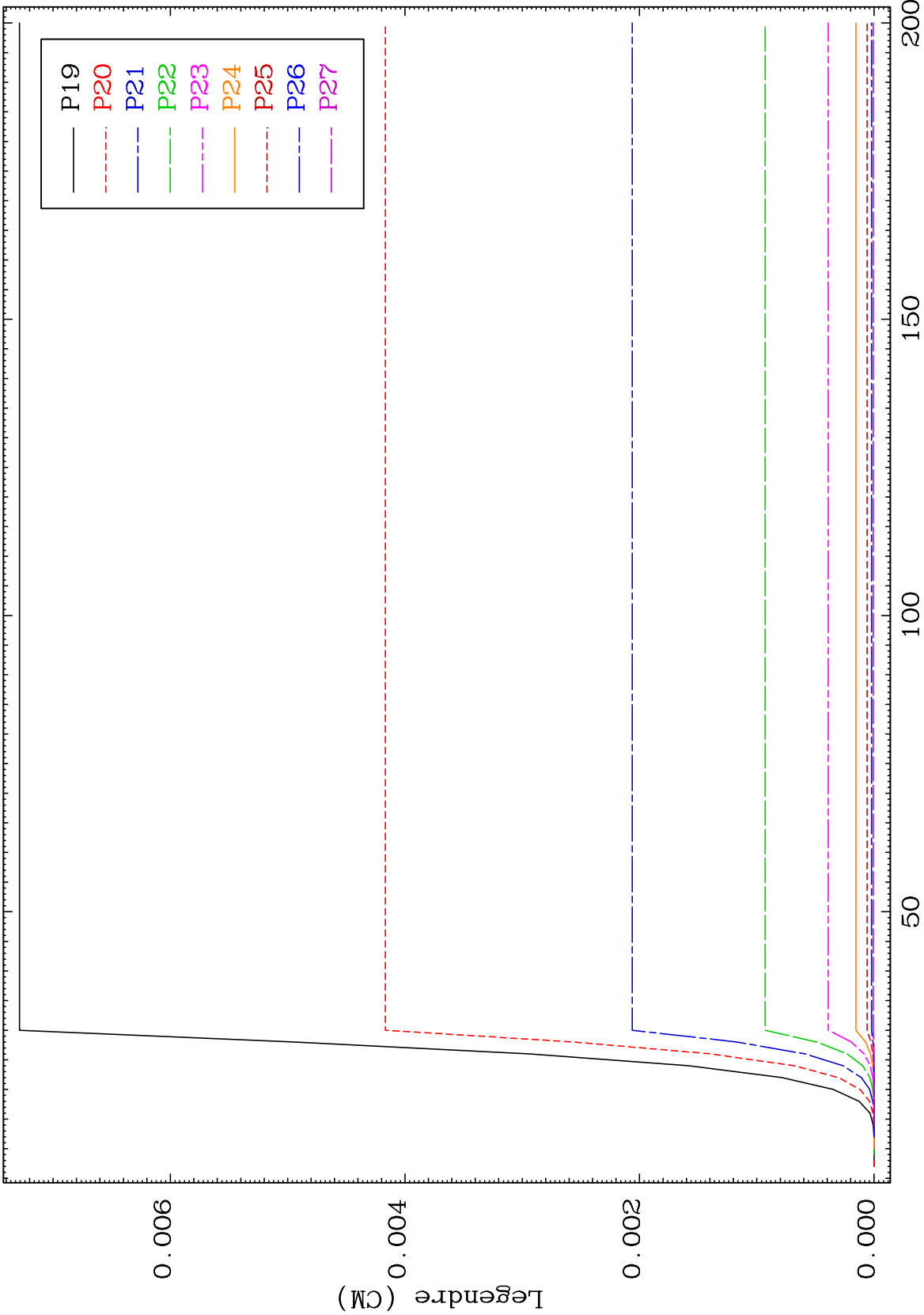




MAT 5407

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

54-Xe-118



34

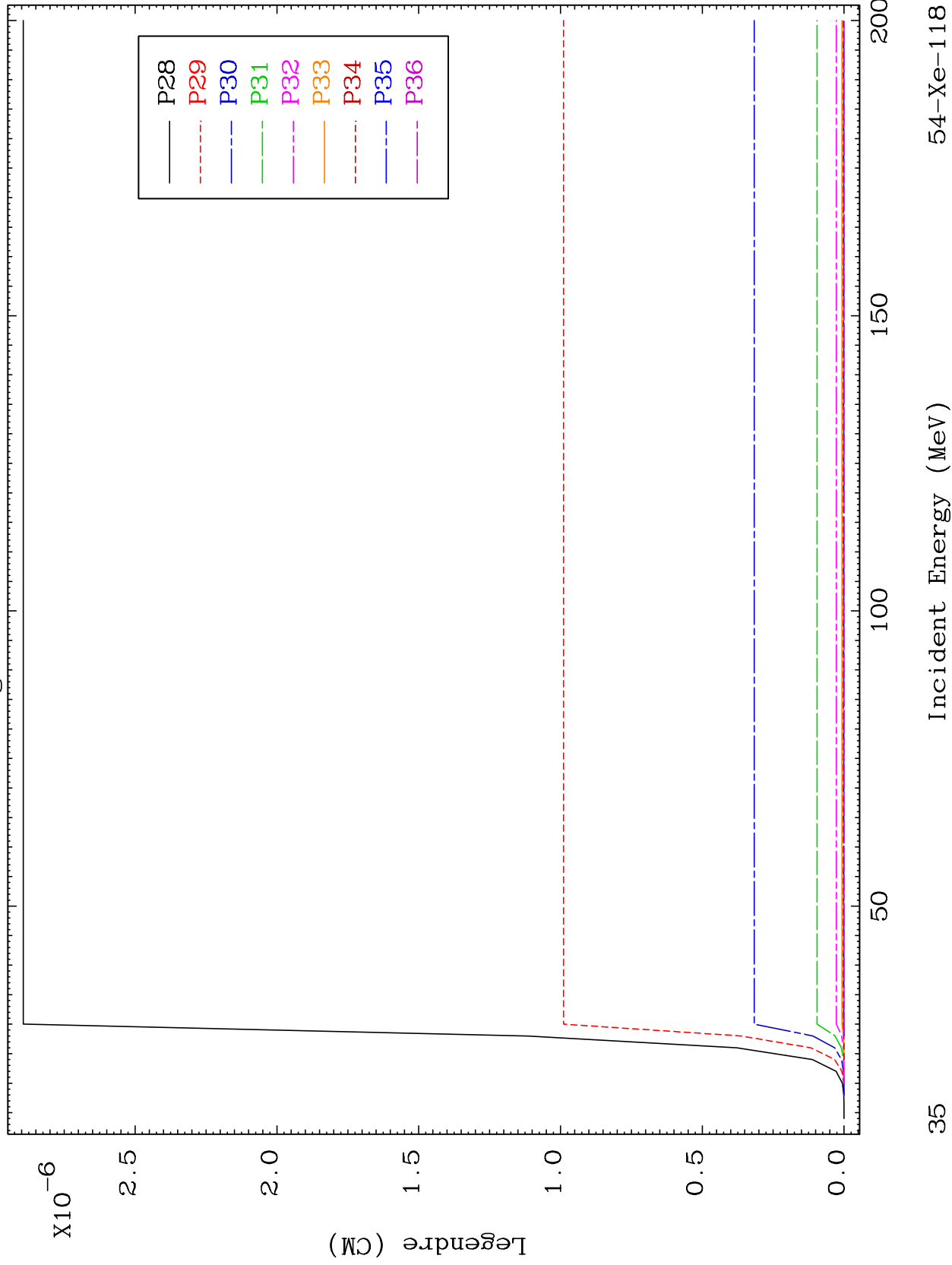
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



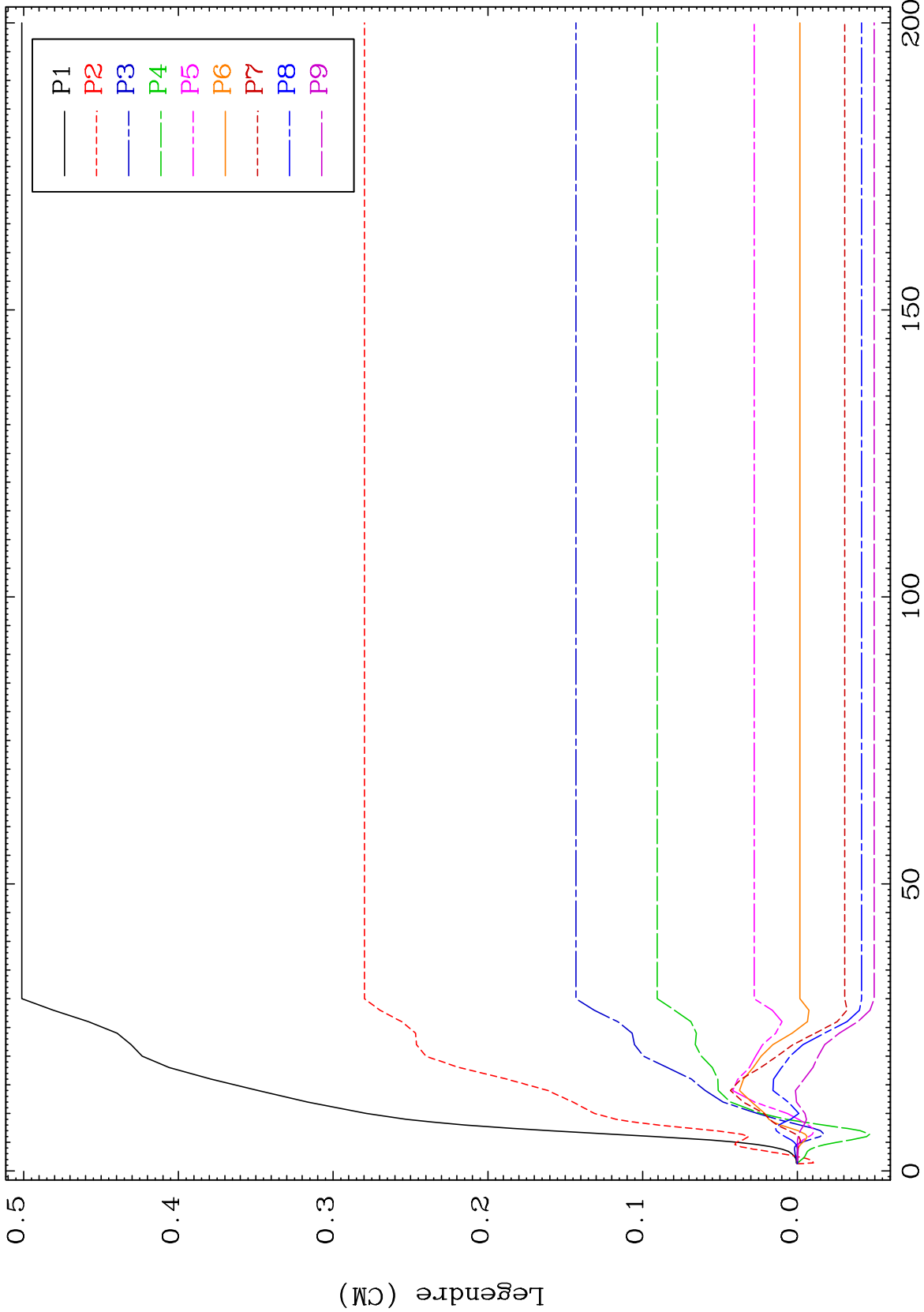
35

MAT 5407

MT= 55 (n,n') Level

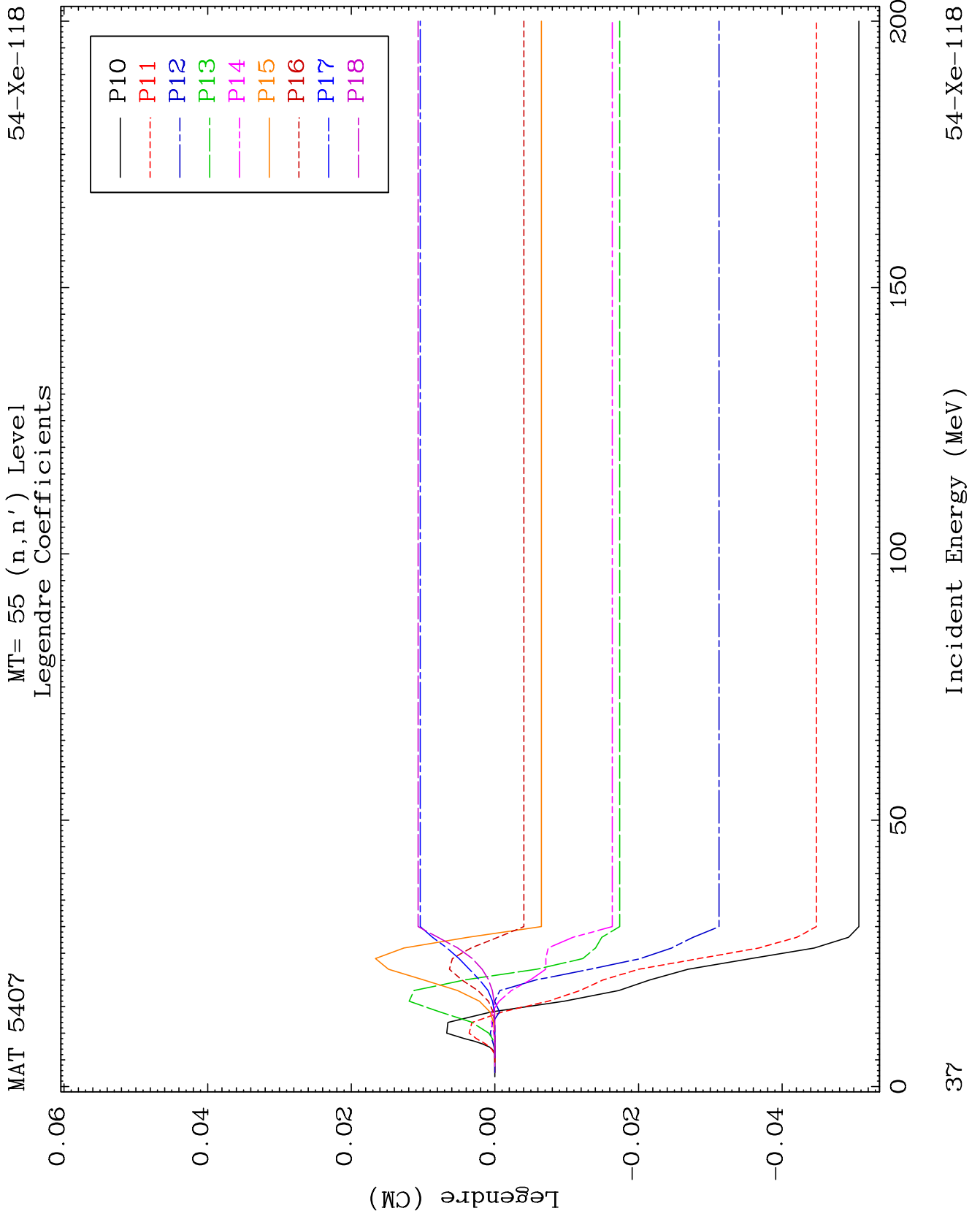
54-Xe-118

Legendre Coefficients



36

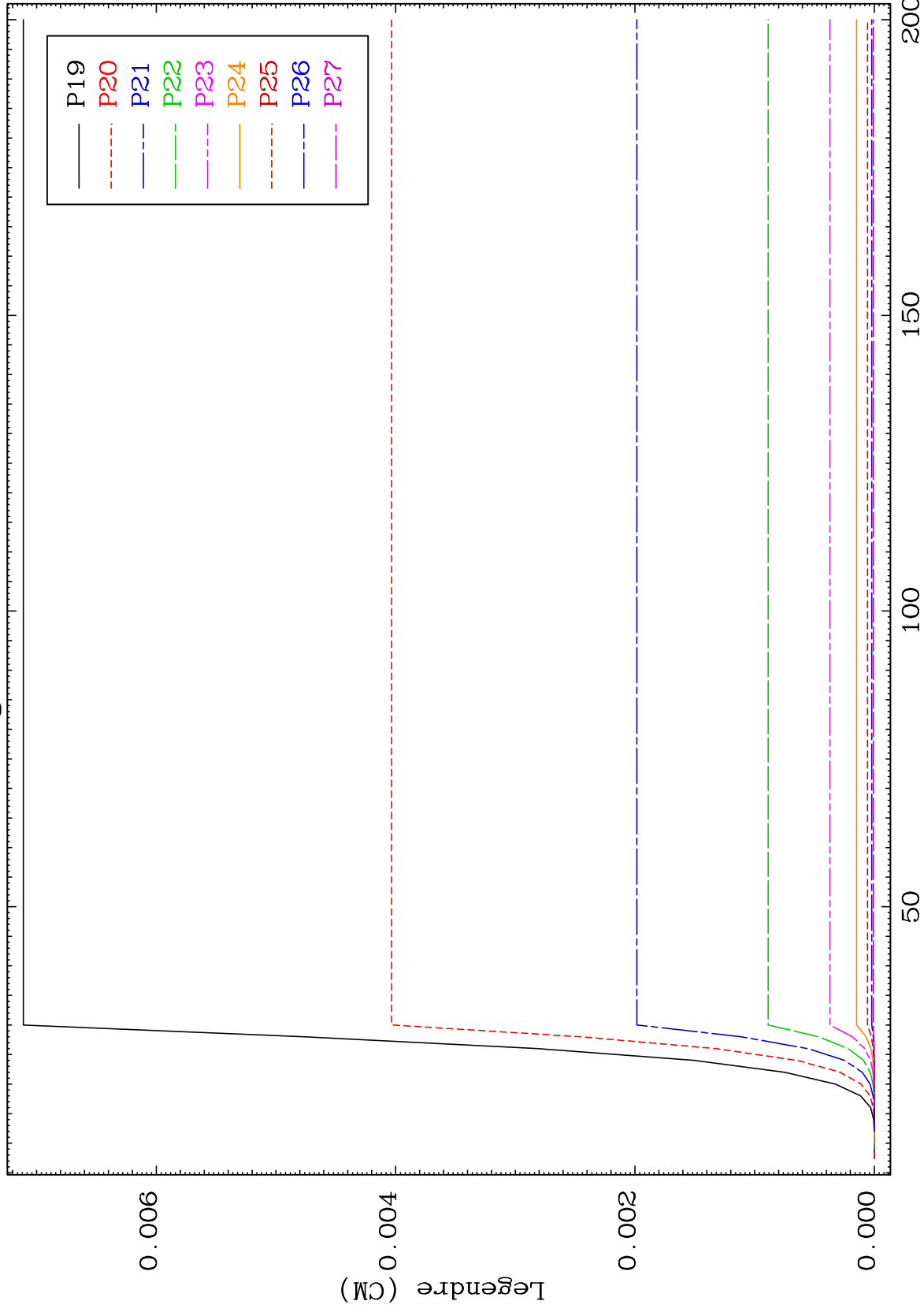
54-Xe-118



MAT 5407

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

54-Xe-118



38

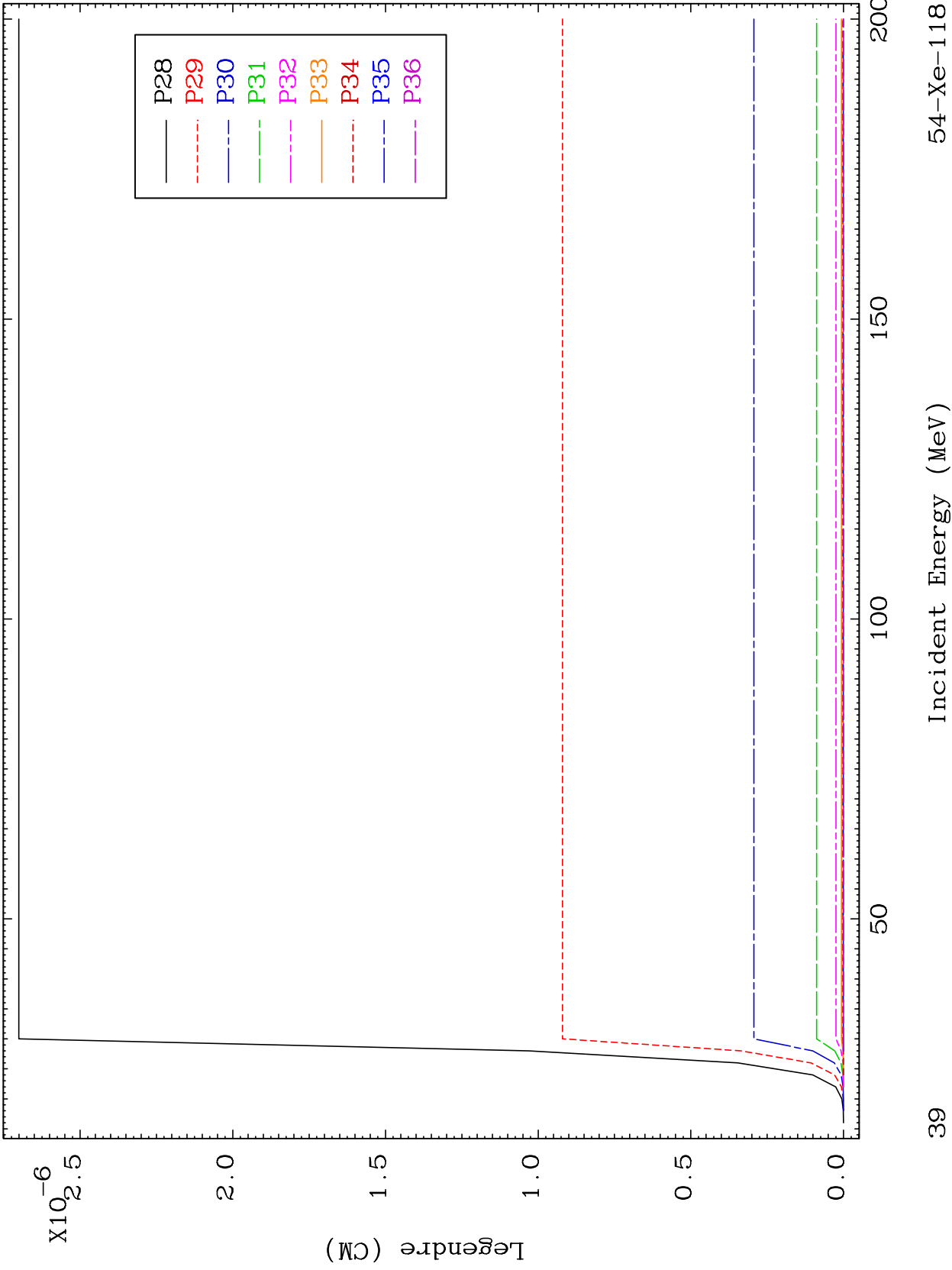
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



39

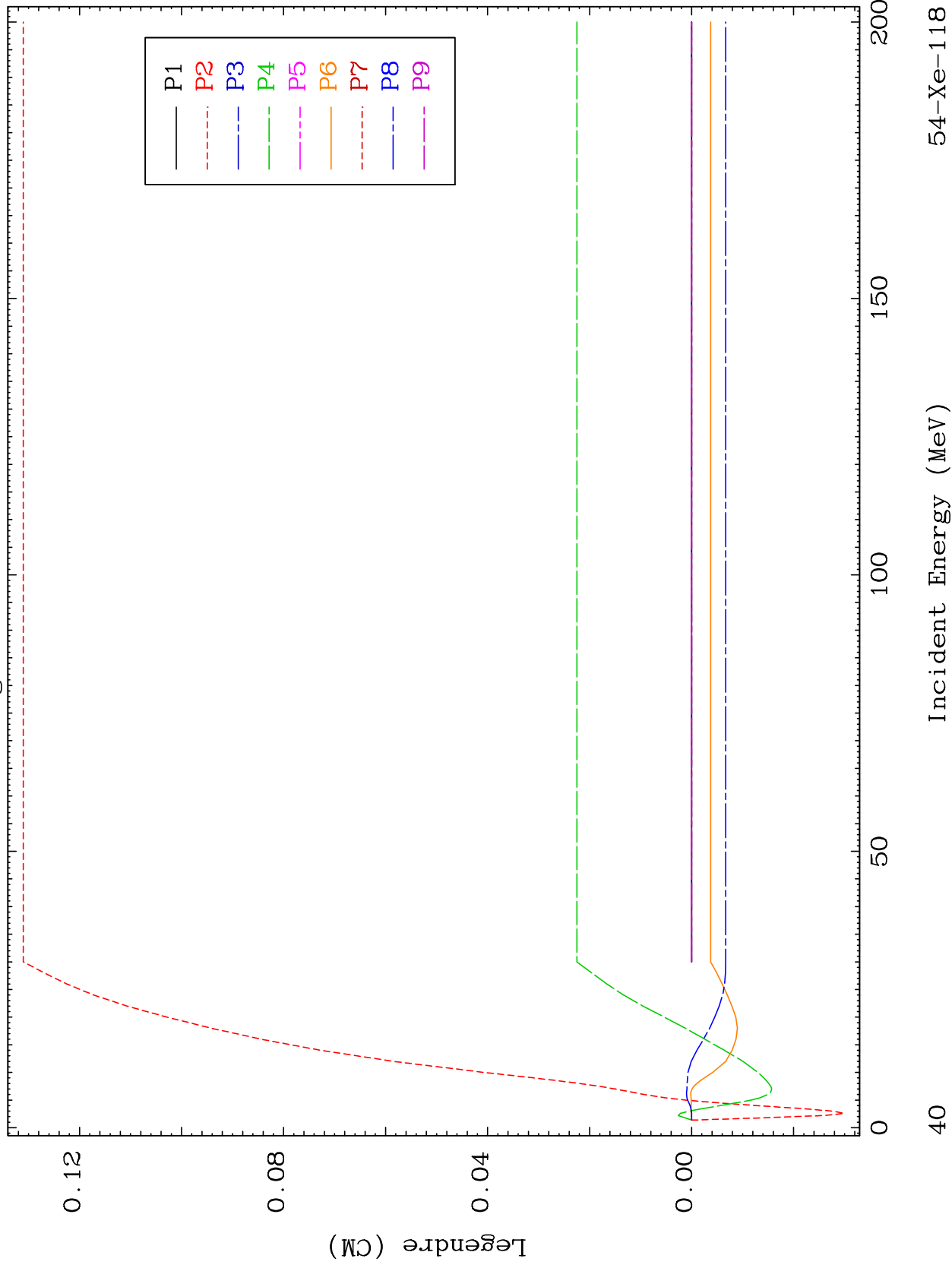
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118

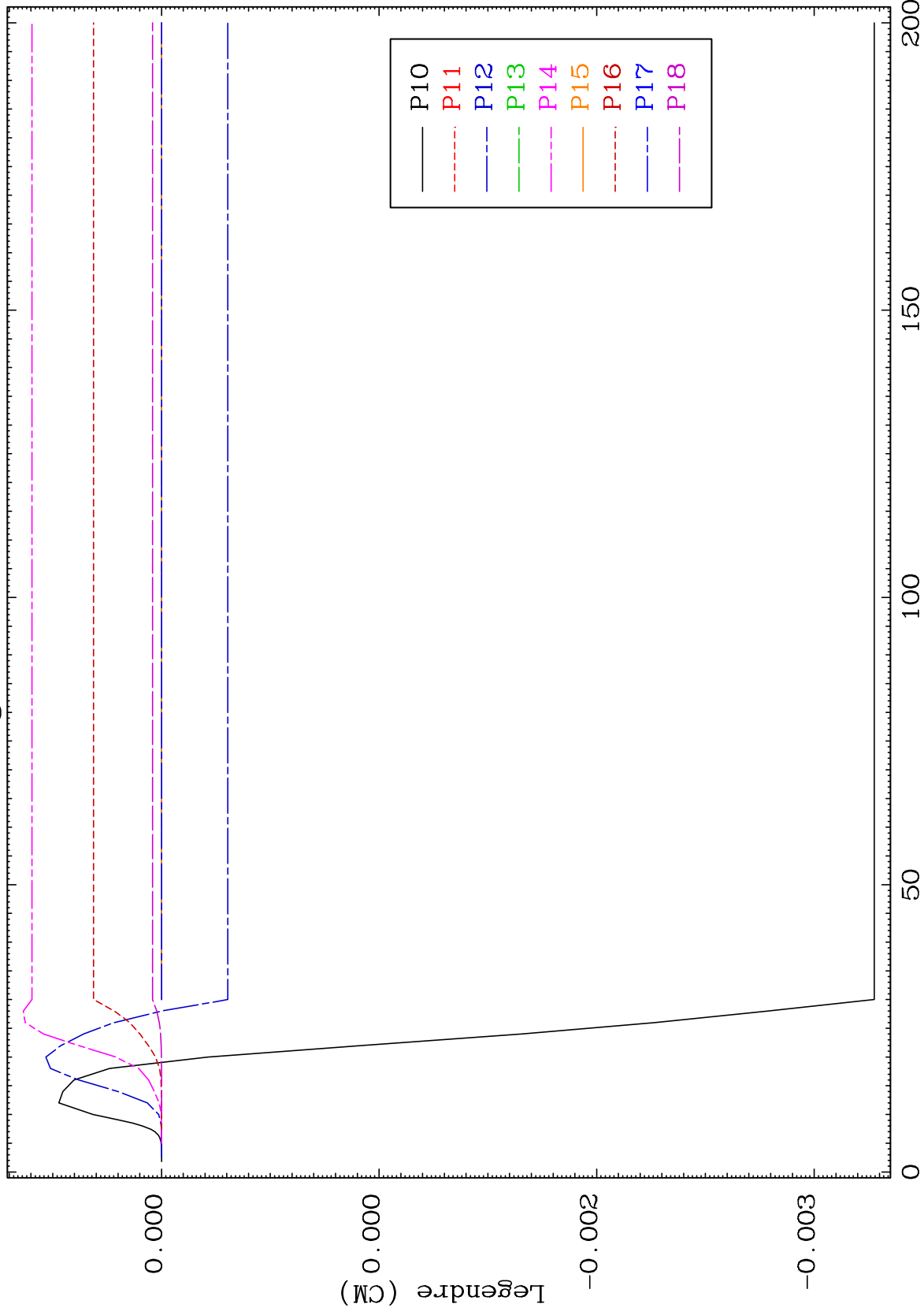


54-Xe-118

MAT 5407

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

54-Xe-118



41

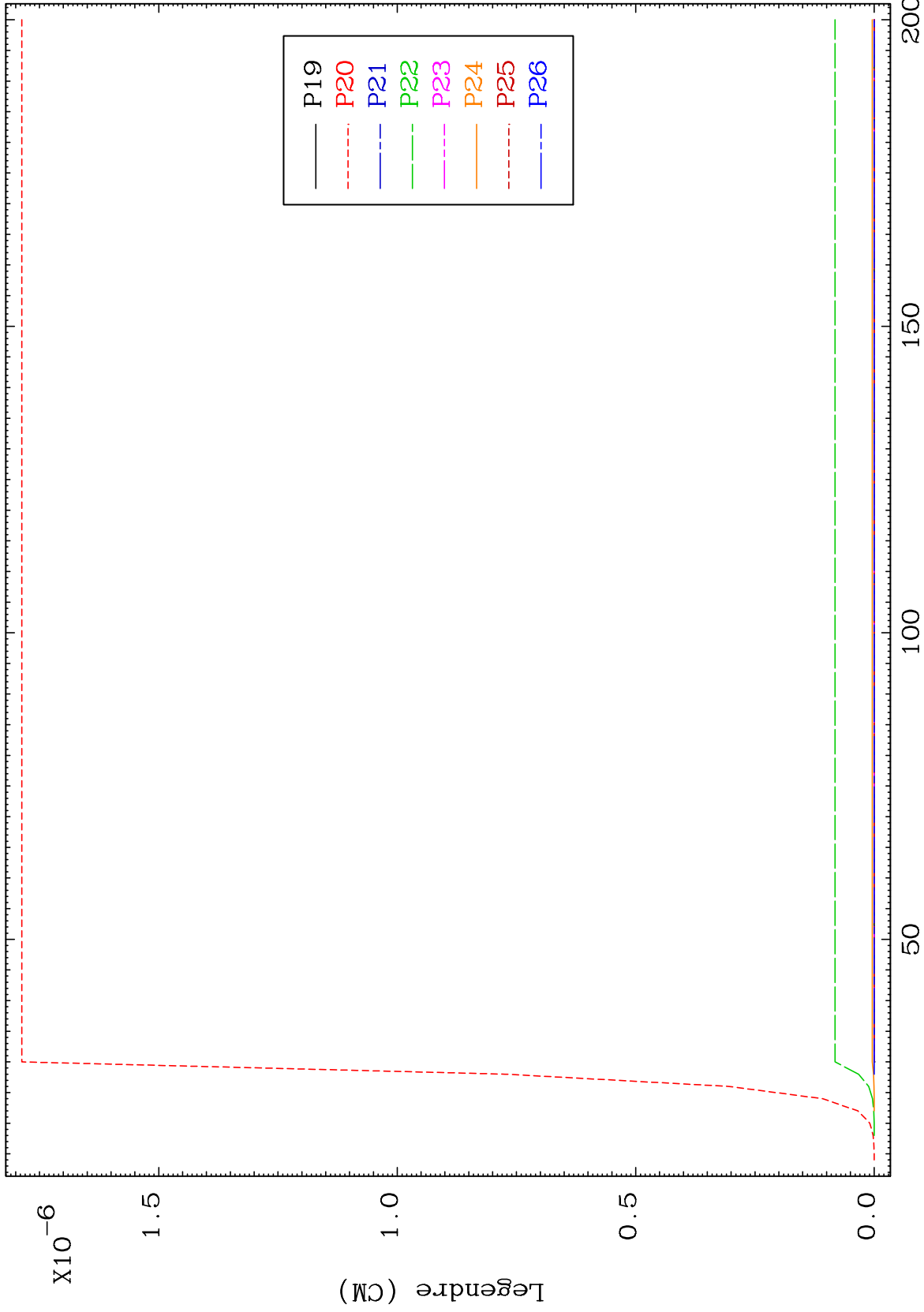
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



42

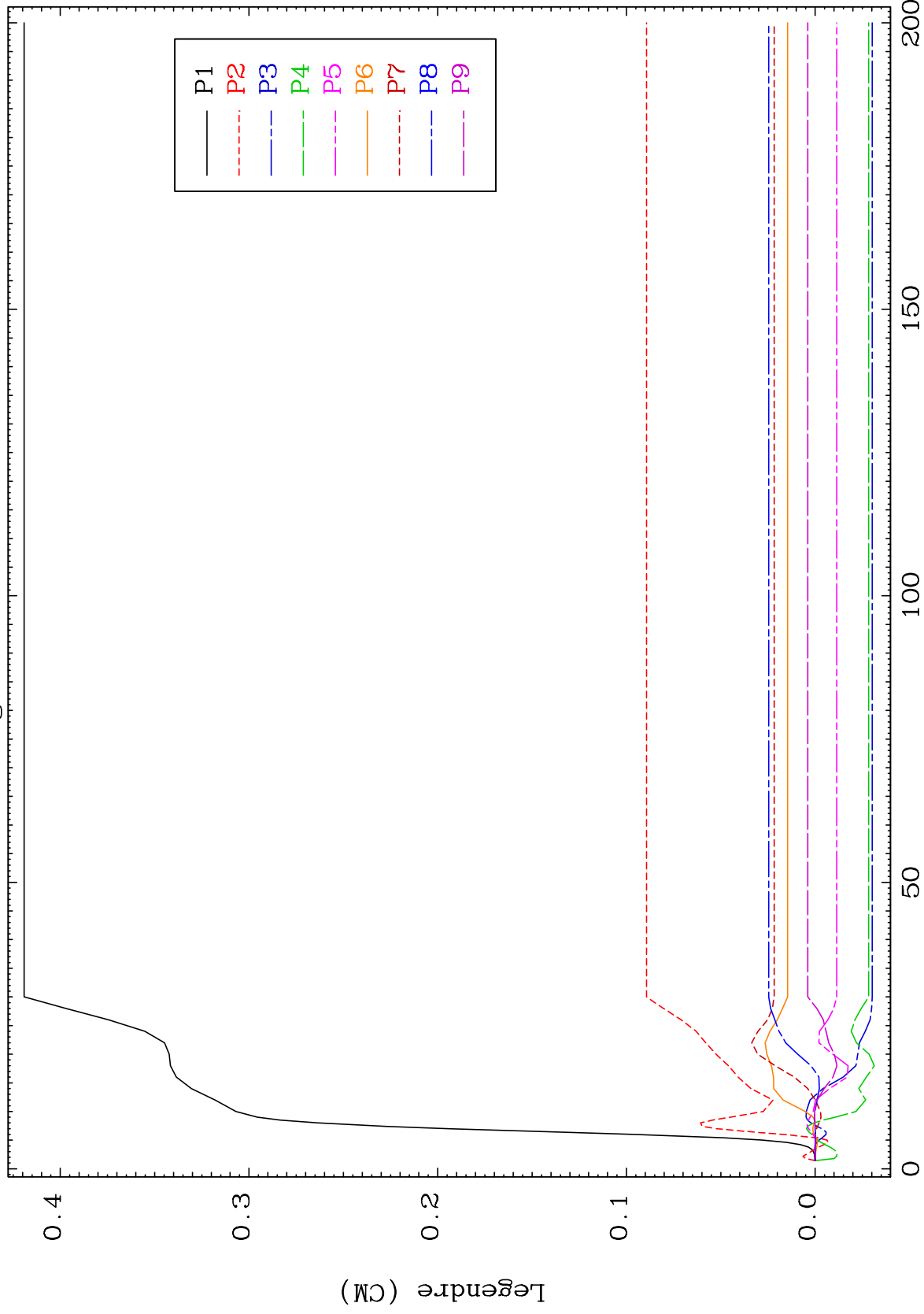
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



43

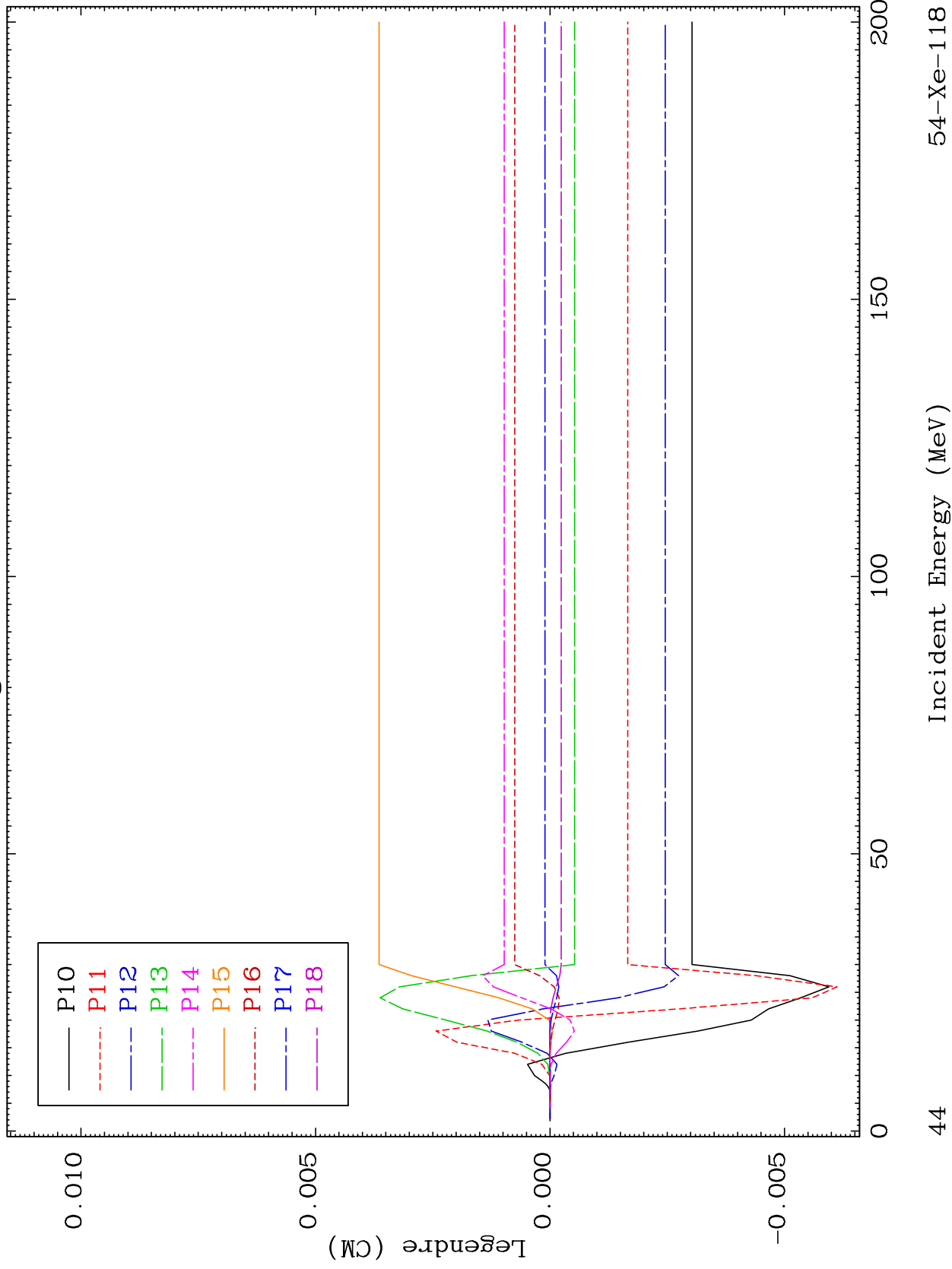
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



44

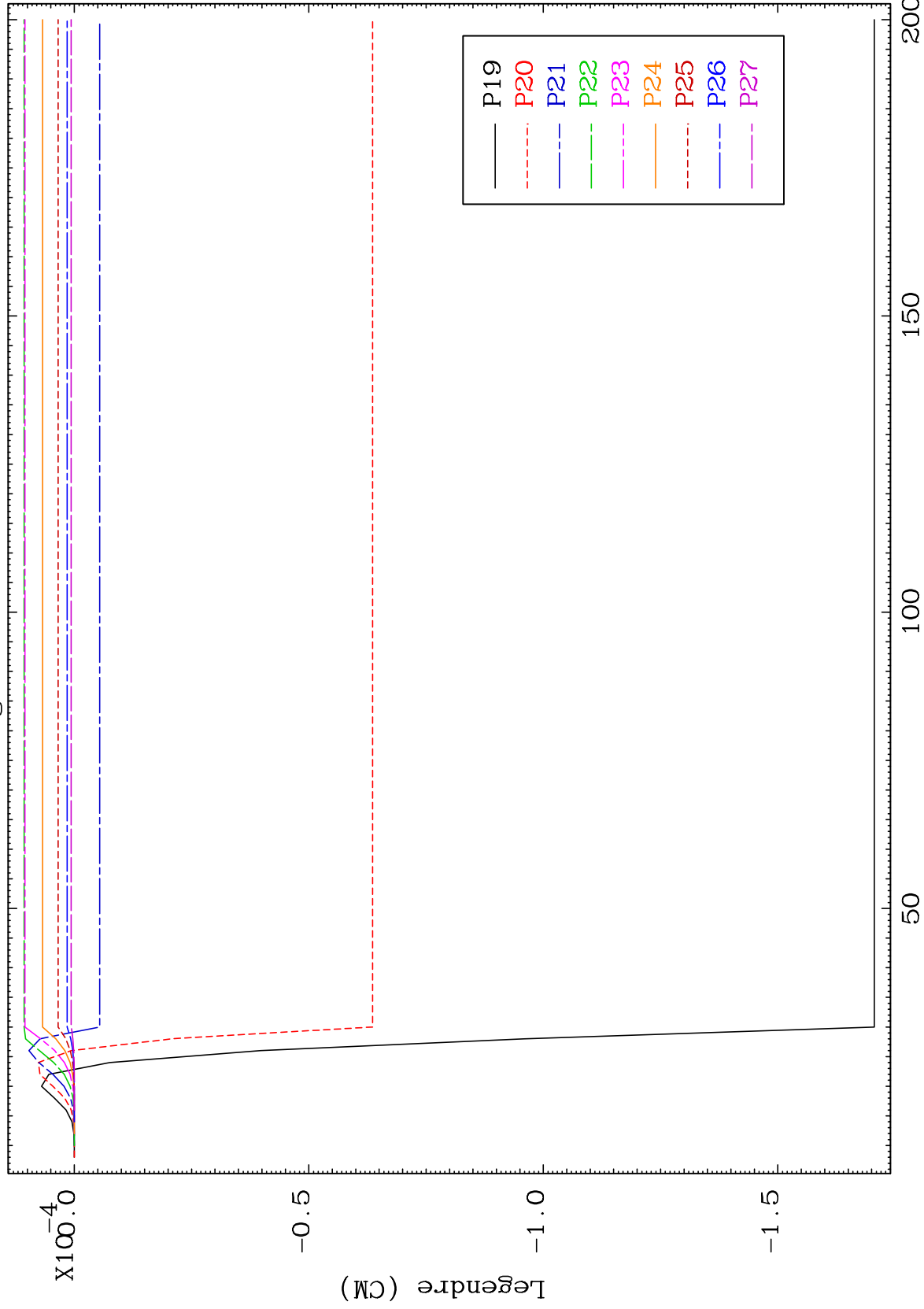
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



45

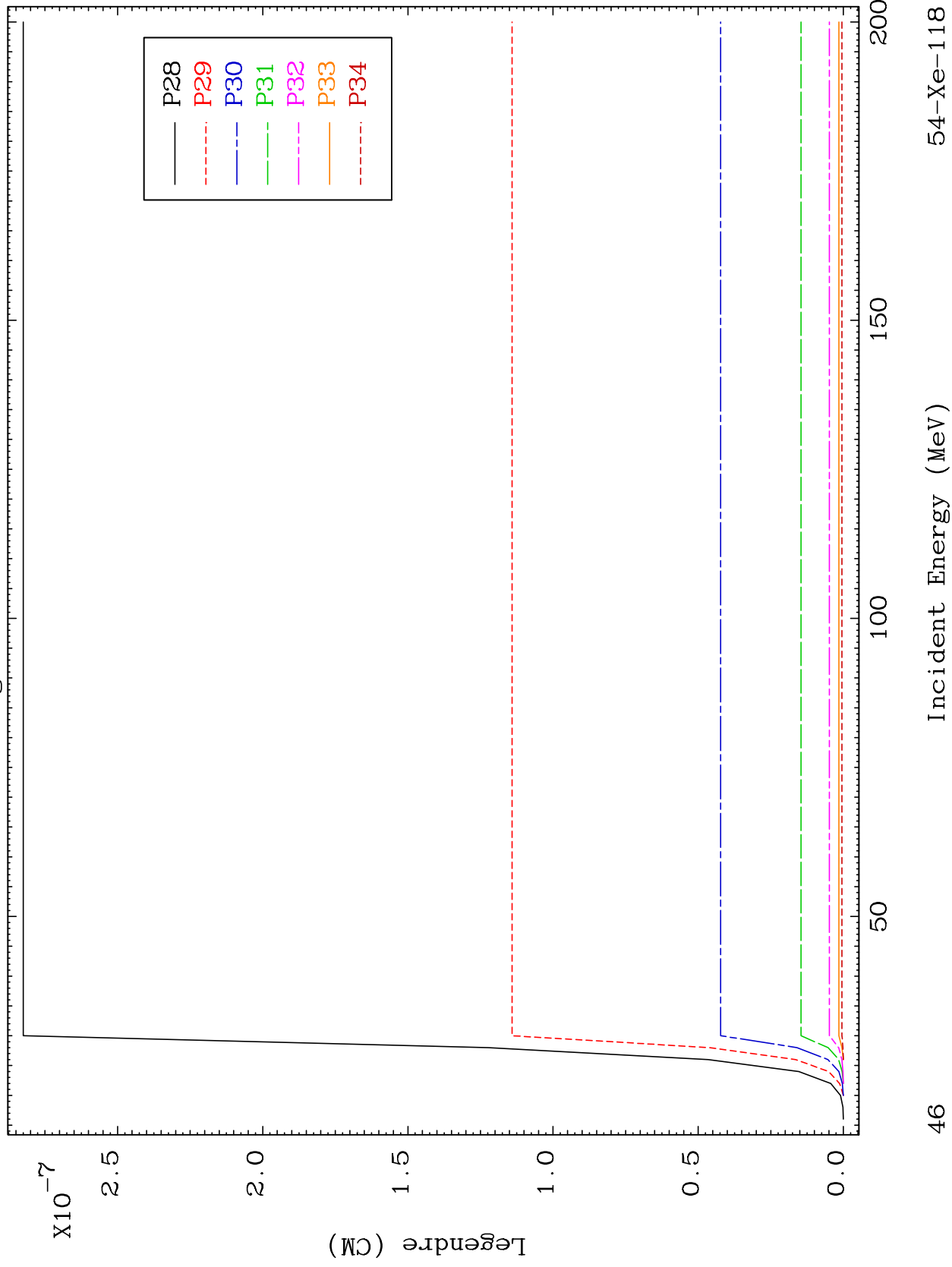
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



46

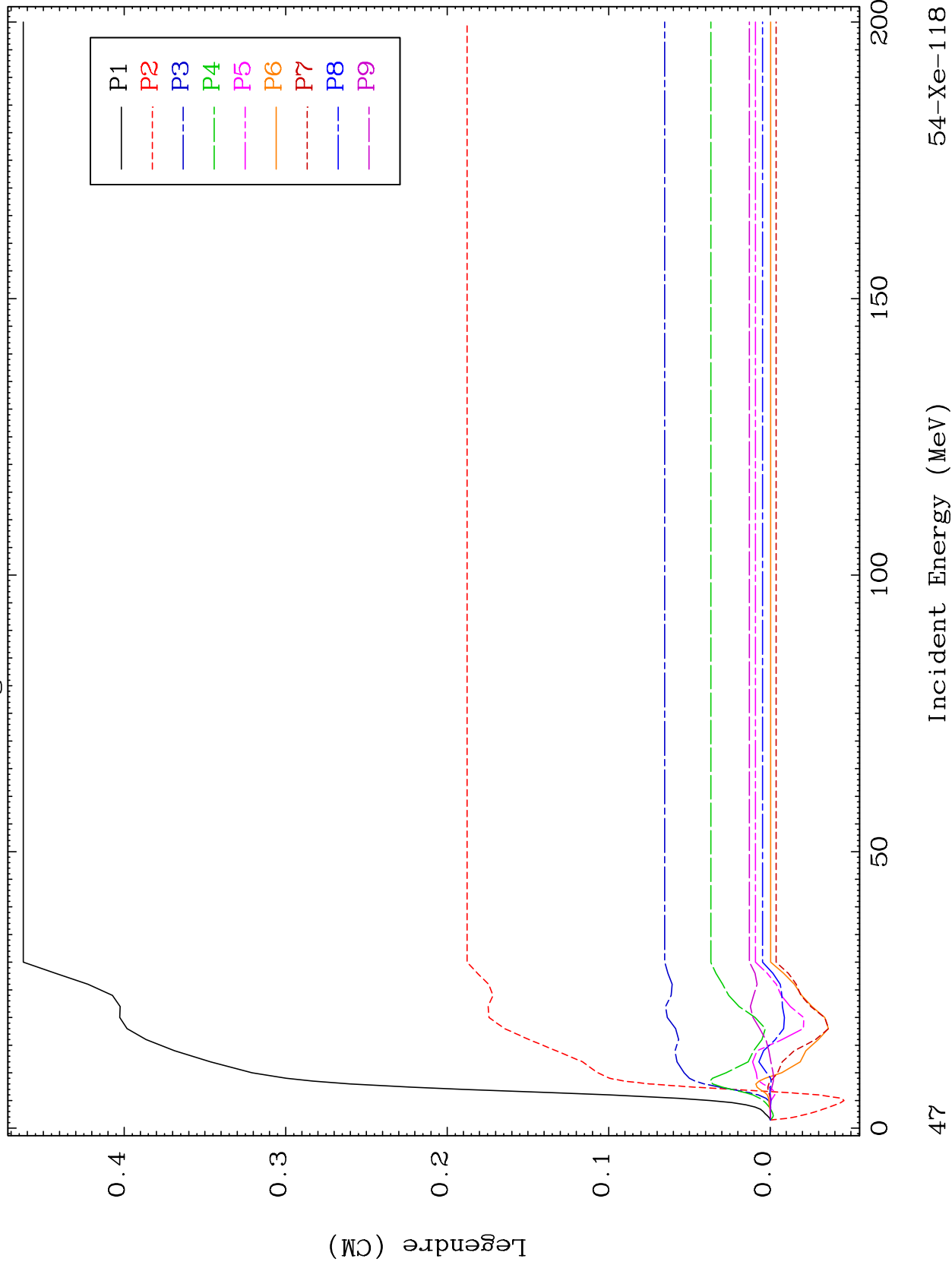
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

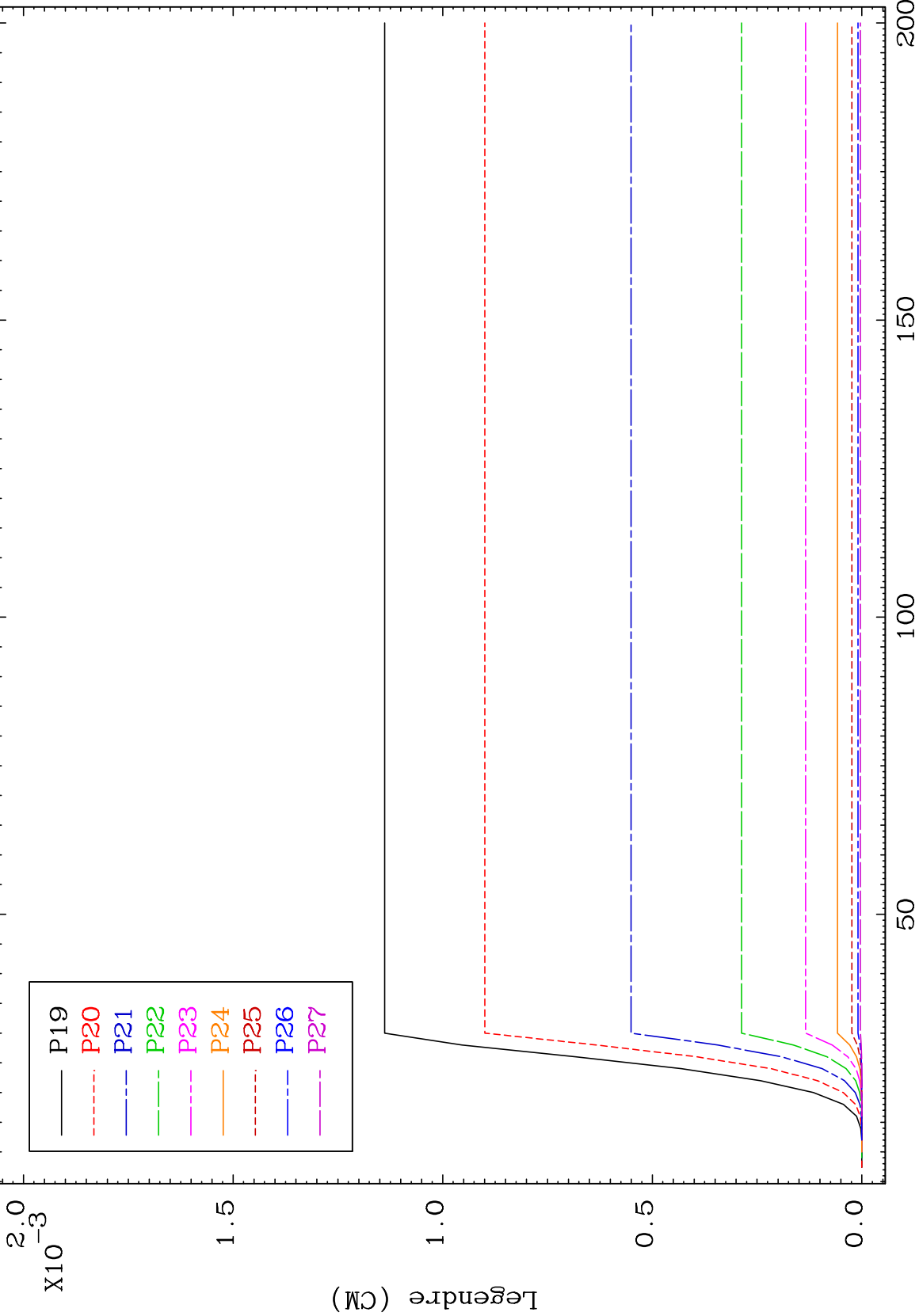
54-Xe-118



54-Xe-118

Incident Energy (MeV)

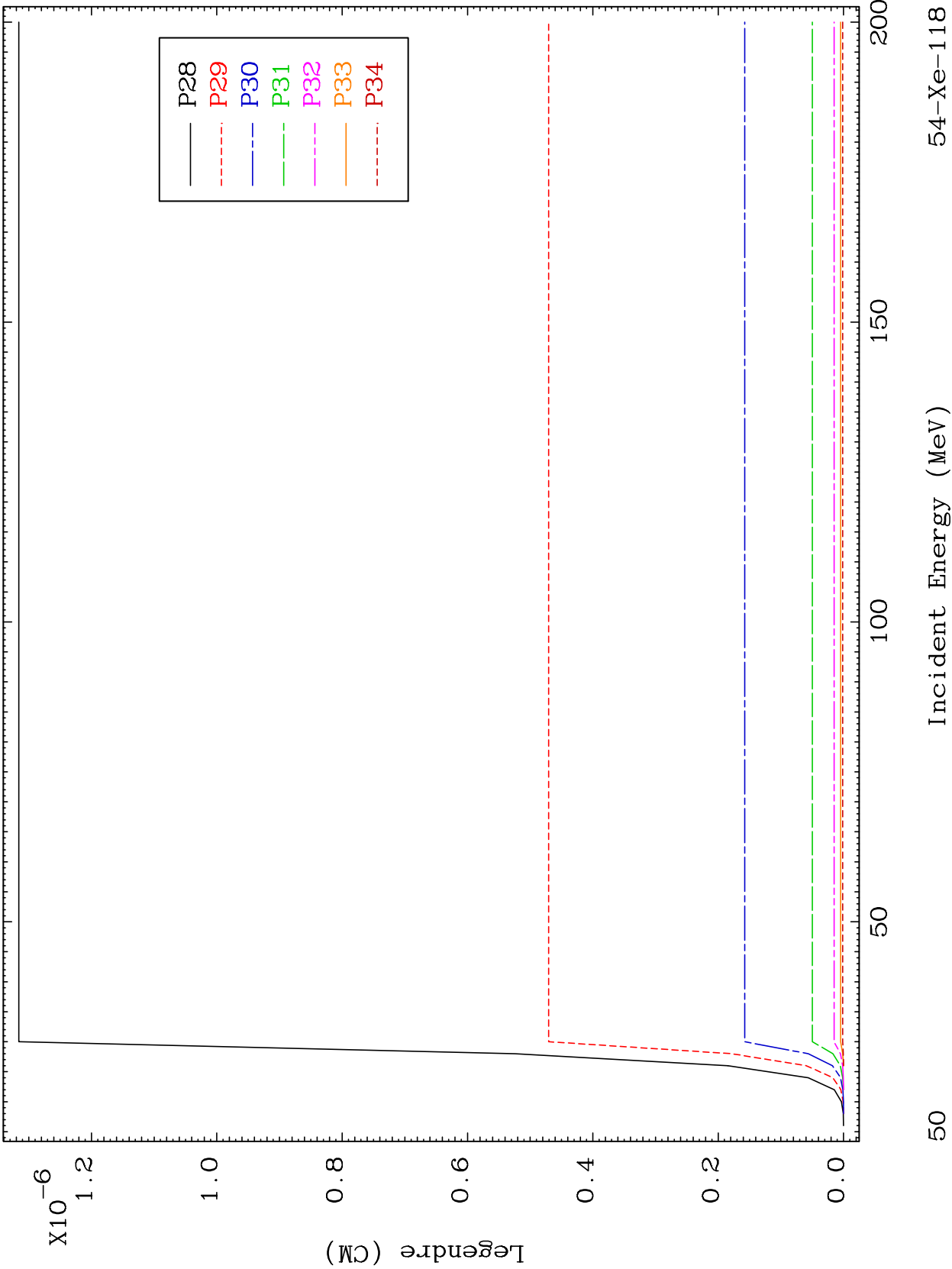
47



MAT 5407

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

54-Xe-118



54-Xe-118

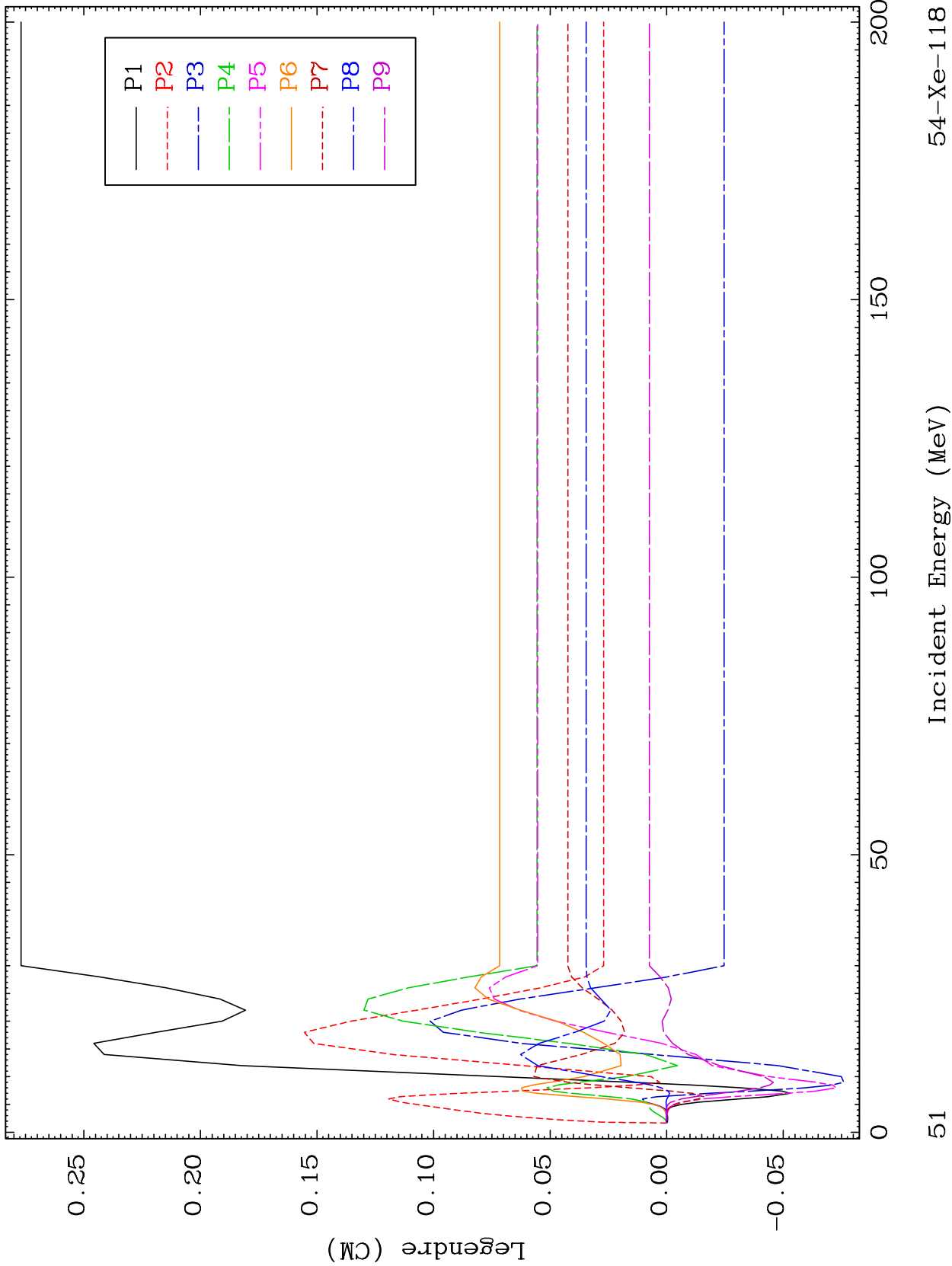
Incident Energy (MeV)

50

MAT 5407

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

54-Xe-118



54-Xe-118

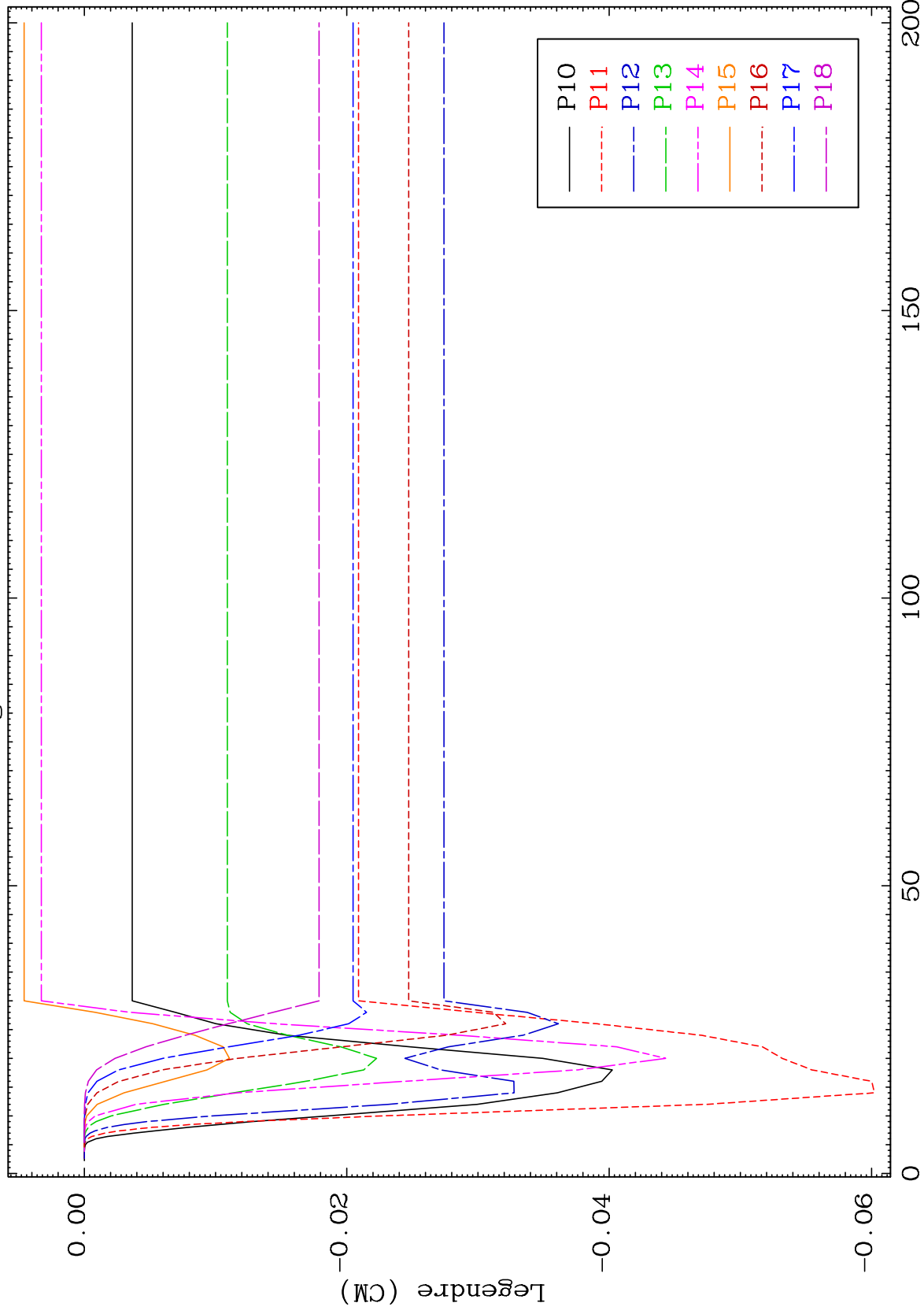
Incident Energy (MeV)

51

MAT 5407

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

54-Xe-118



52

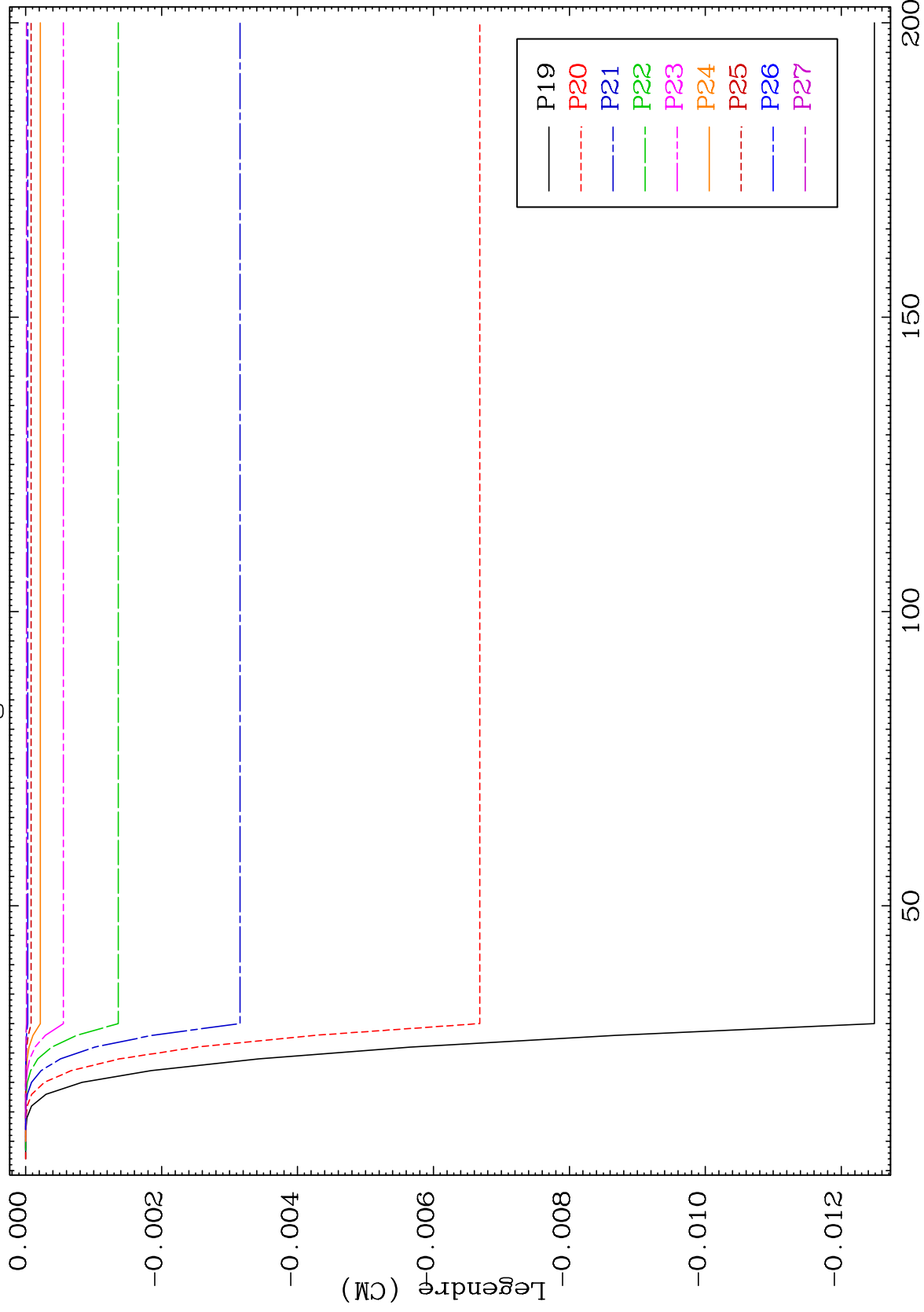
Incident Energy (MeV)

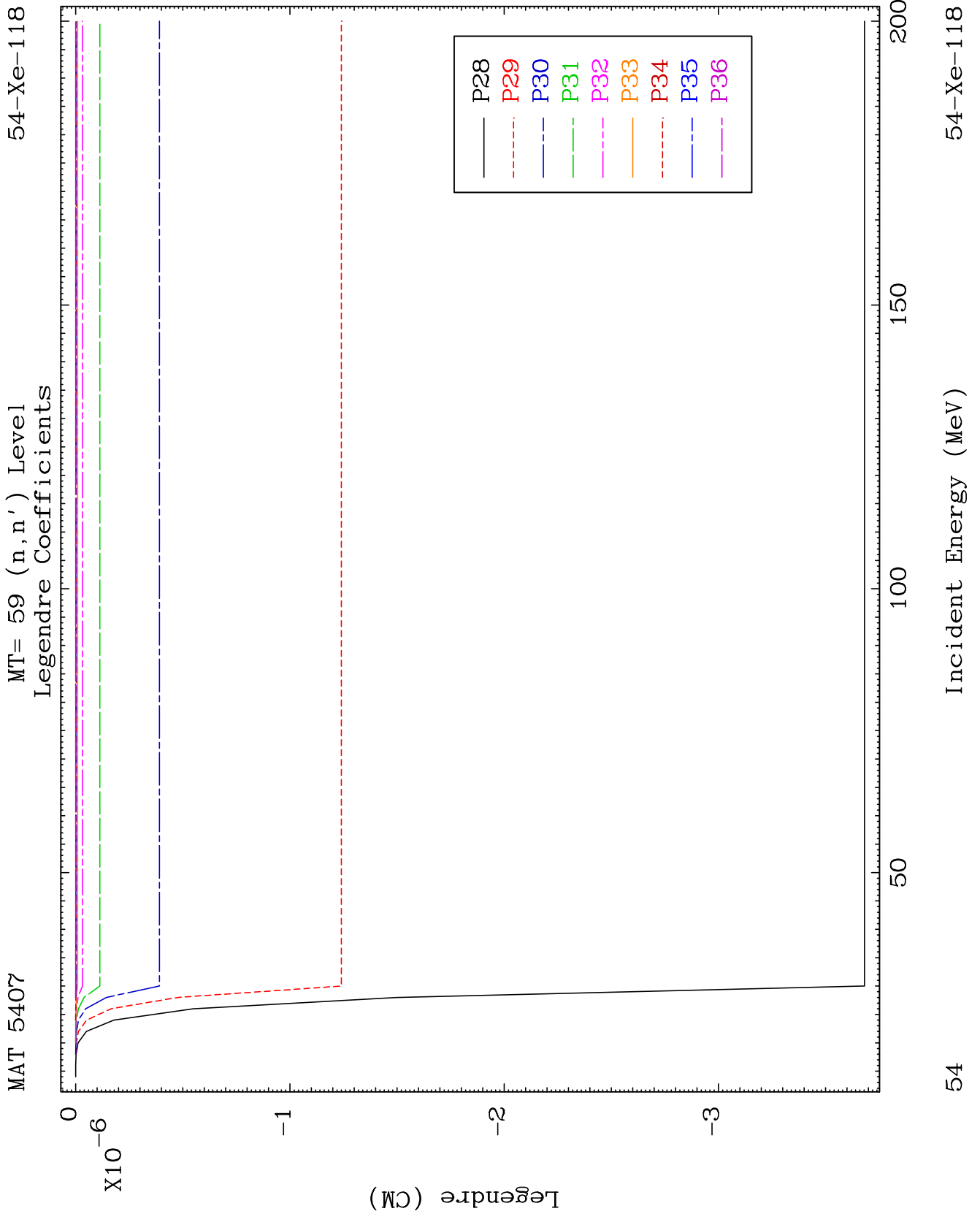
54-Xe-118

MAT 5407

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

54-Xe-118

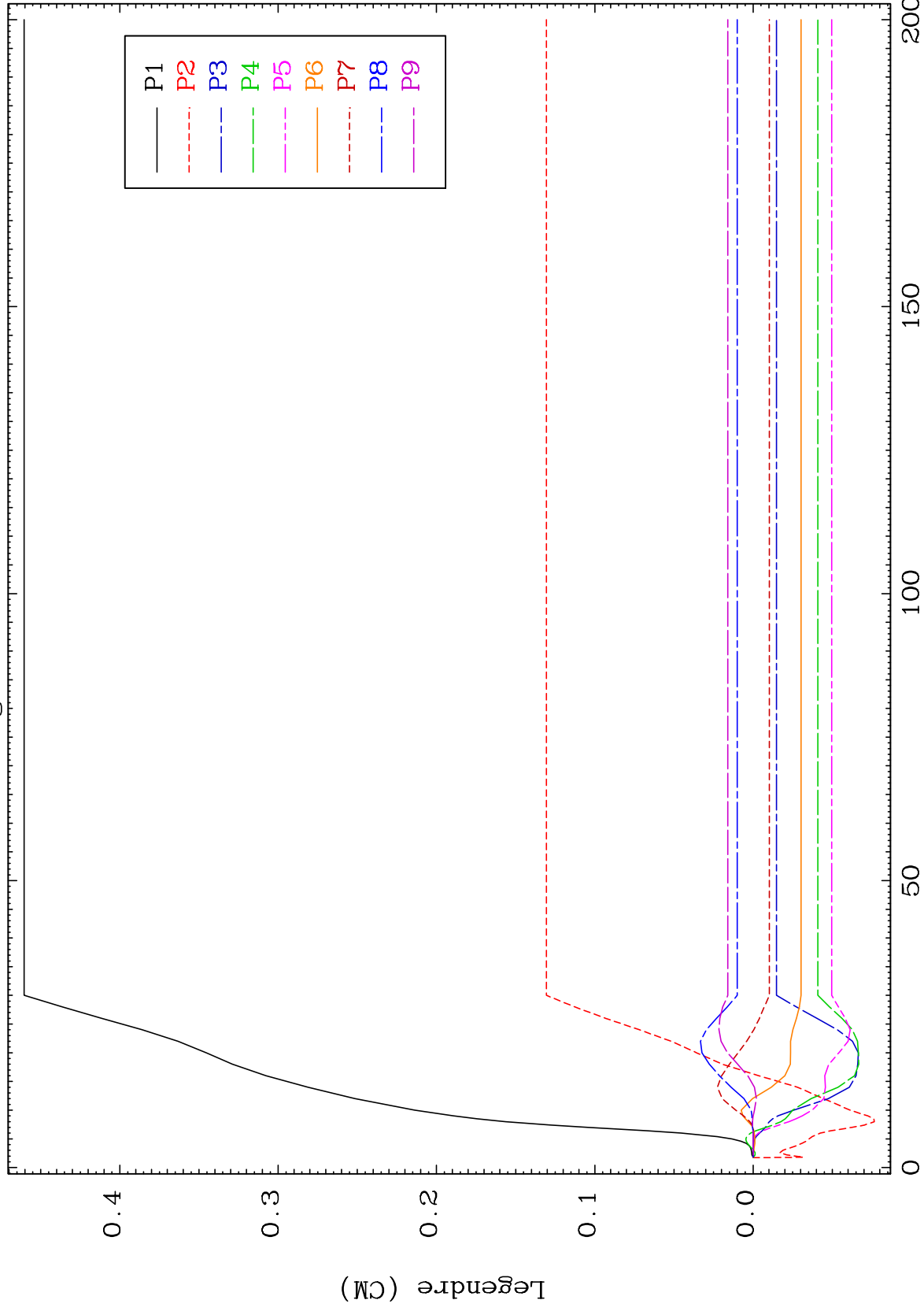




MAT 5407

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

54-Xe-118



54-Xe-118

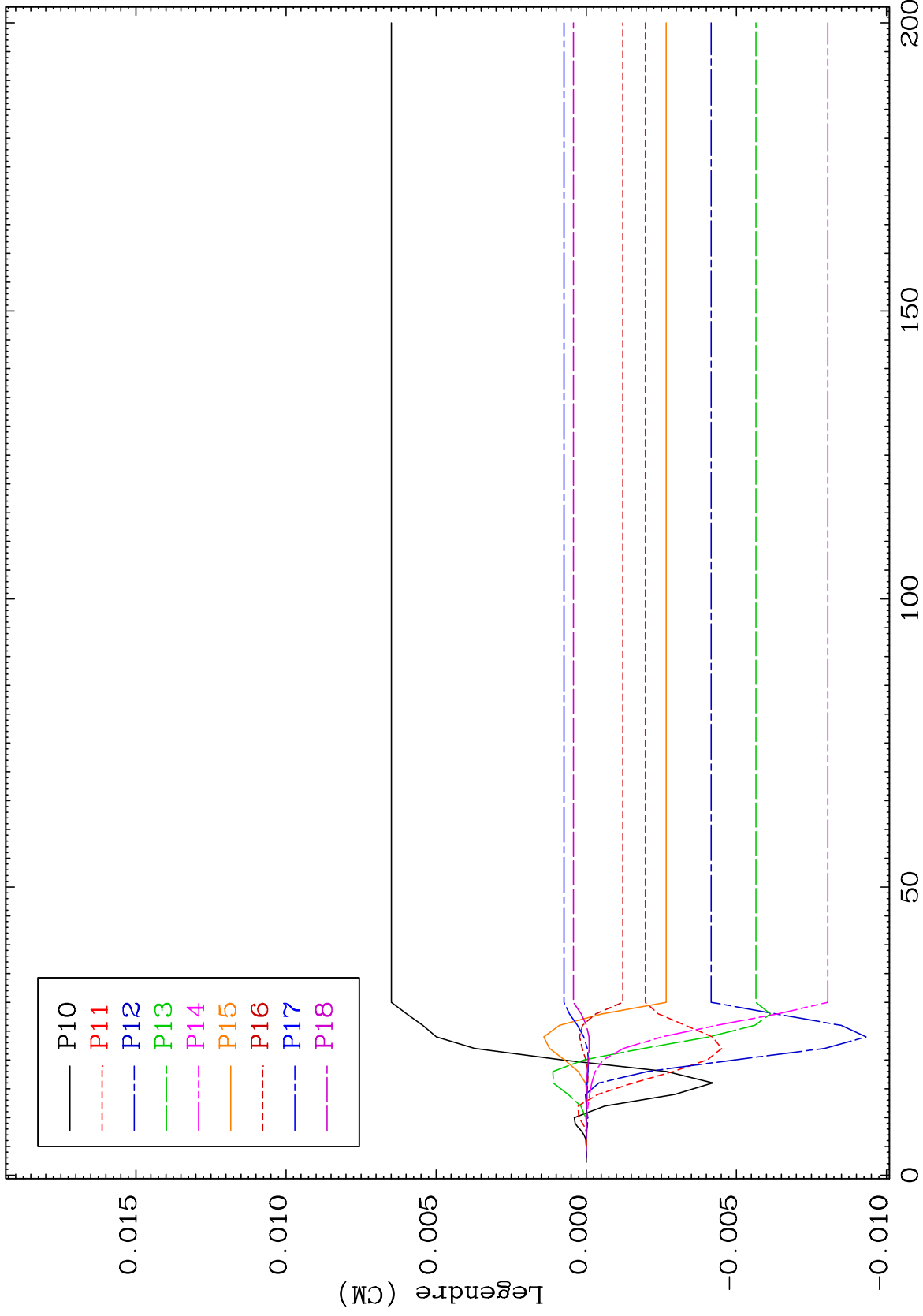
Incident Energy (MeV)

55

MAT 5407

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

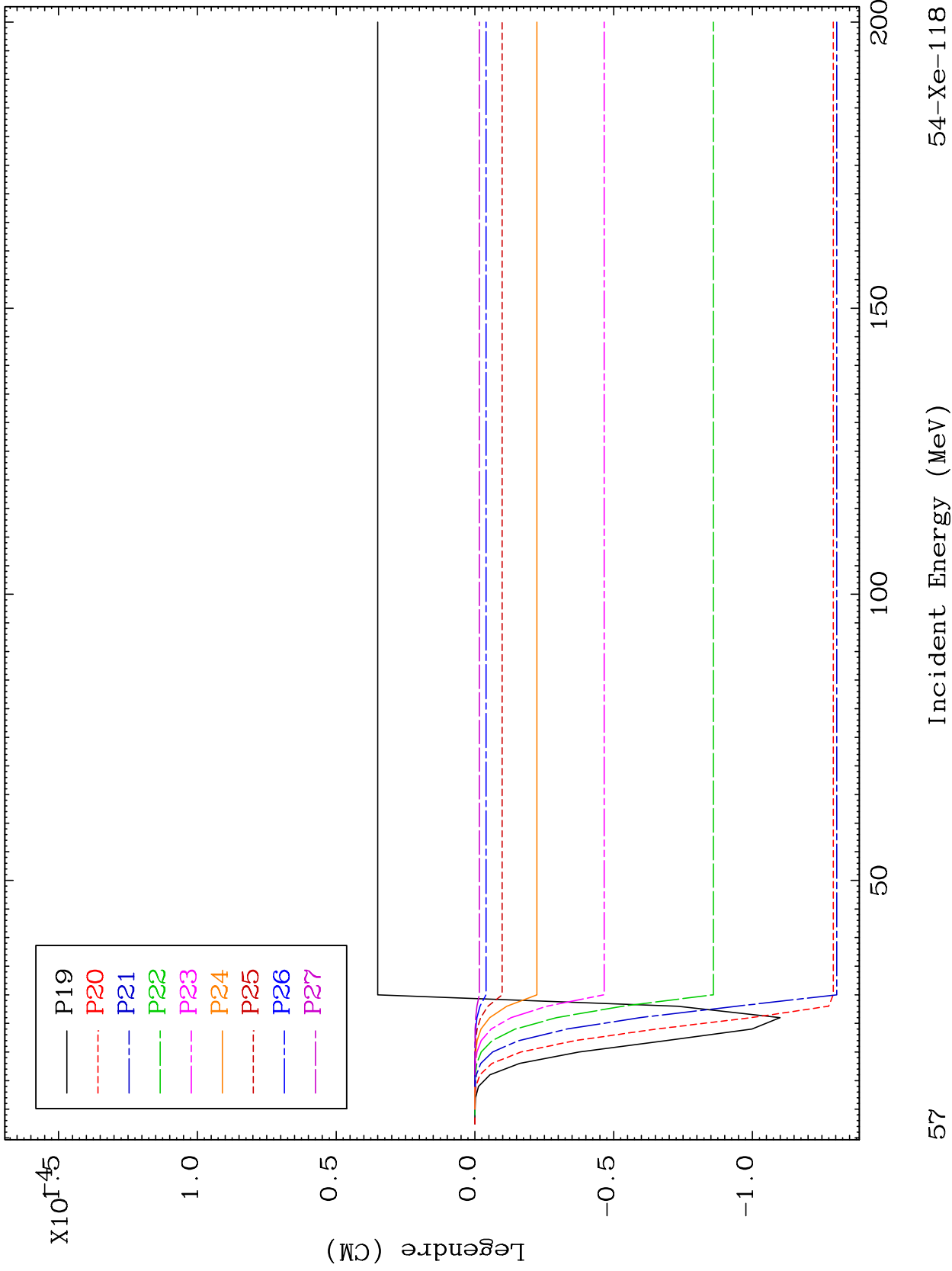
54-Xe-118



56

Incident Energy (MeV)

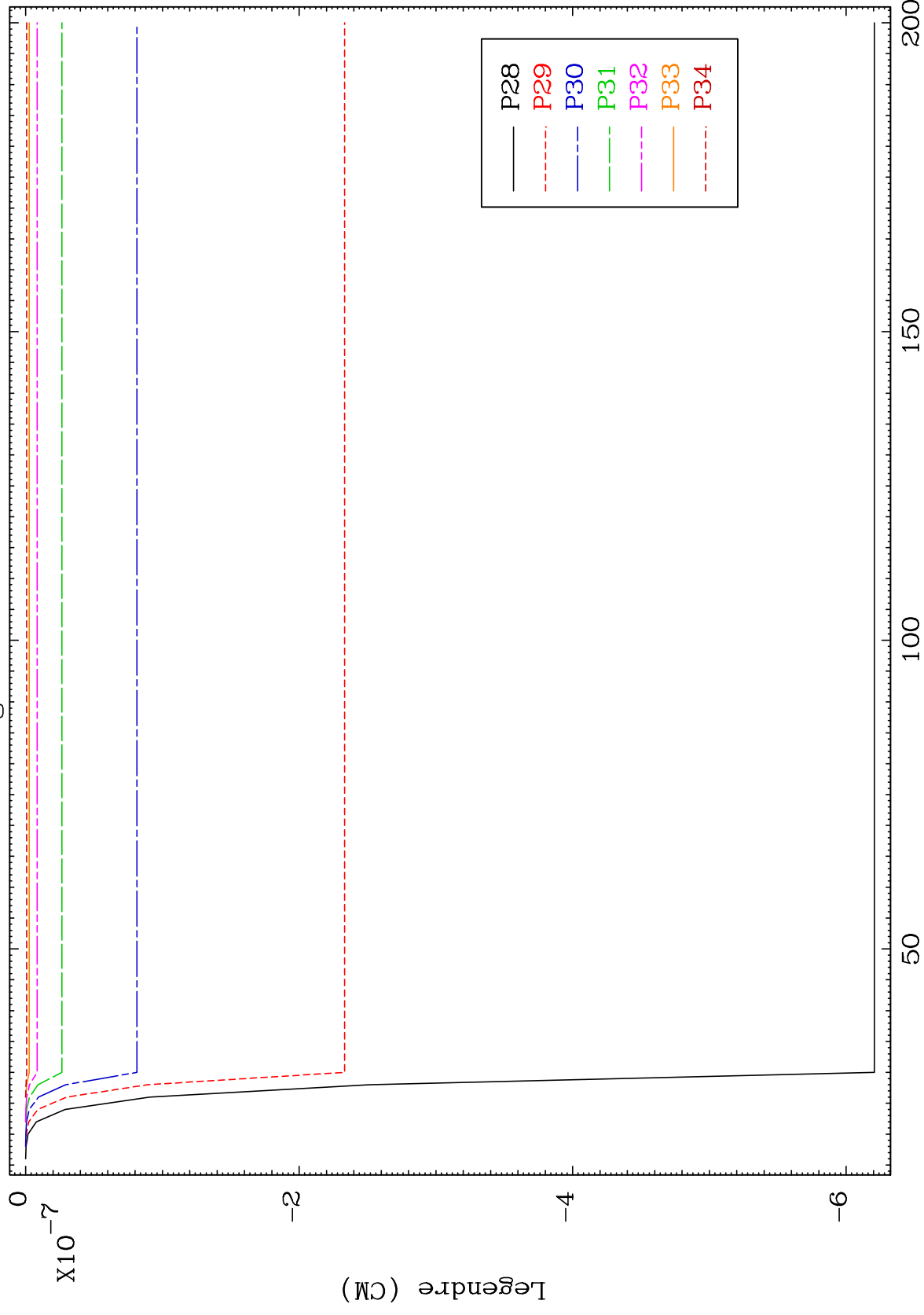
54-Xe-118



MAT 5407

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

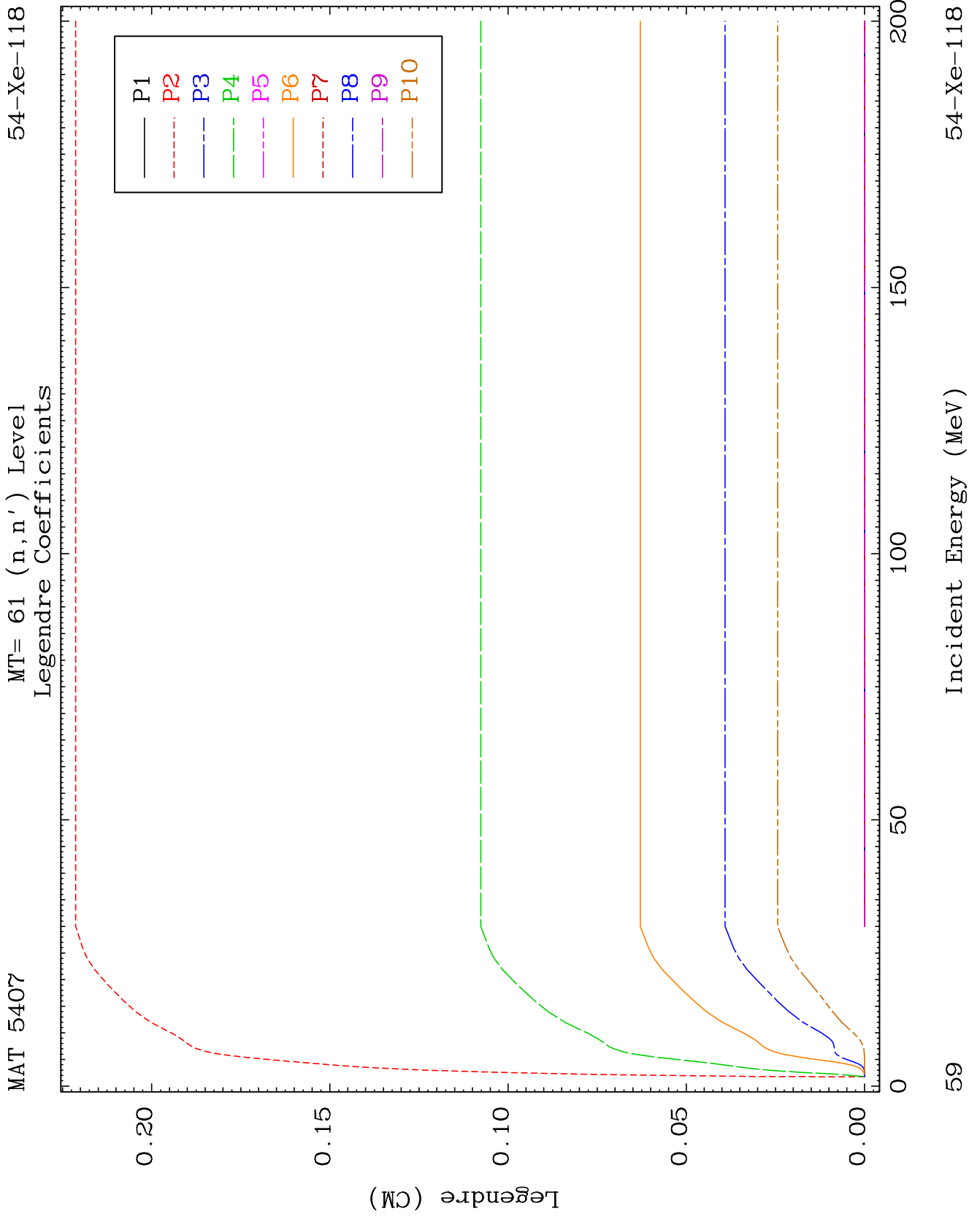
54-Xe-118



58

Incident Energy (MeV)

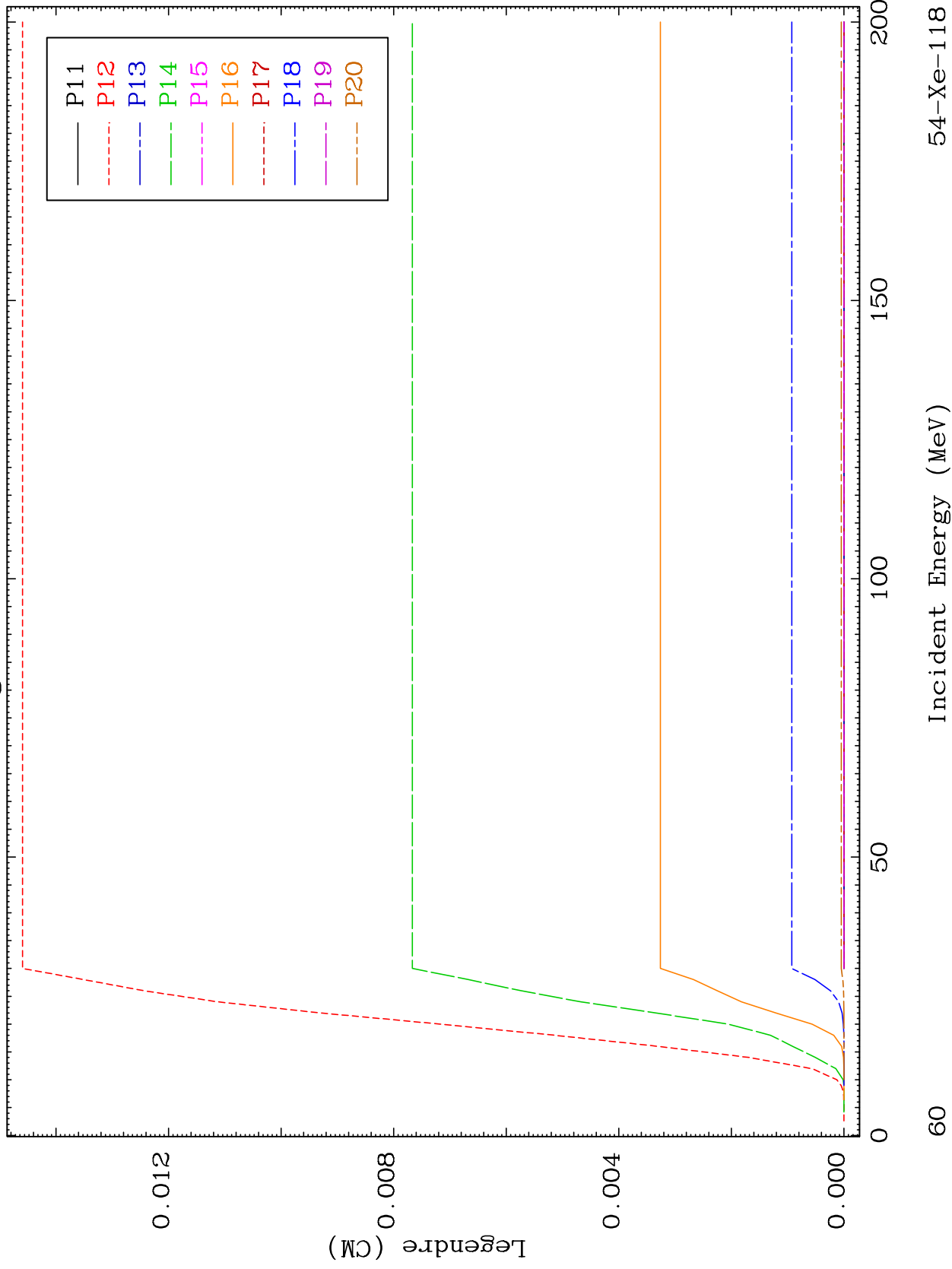
54-Xe-118



MAT 5407

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

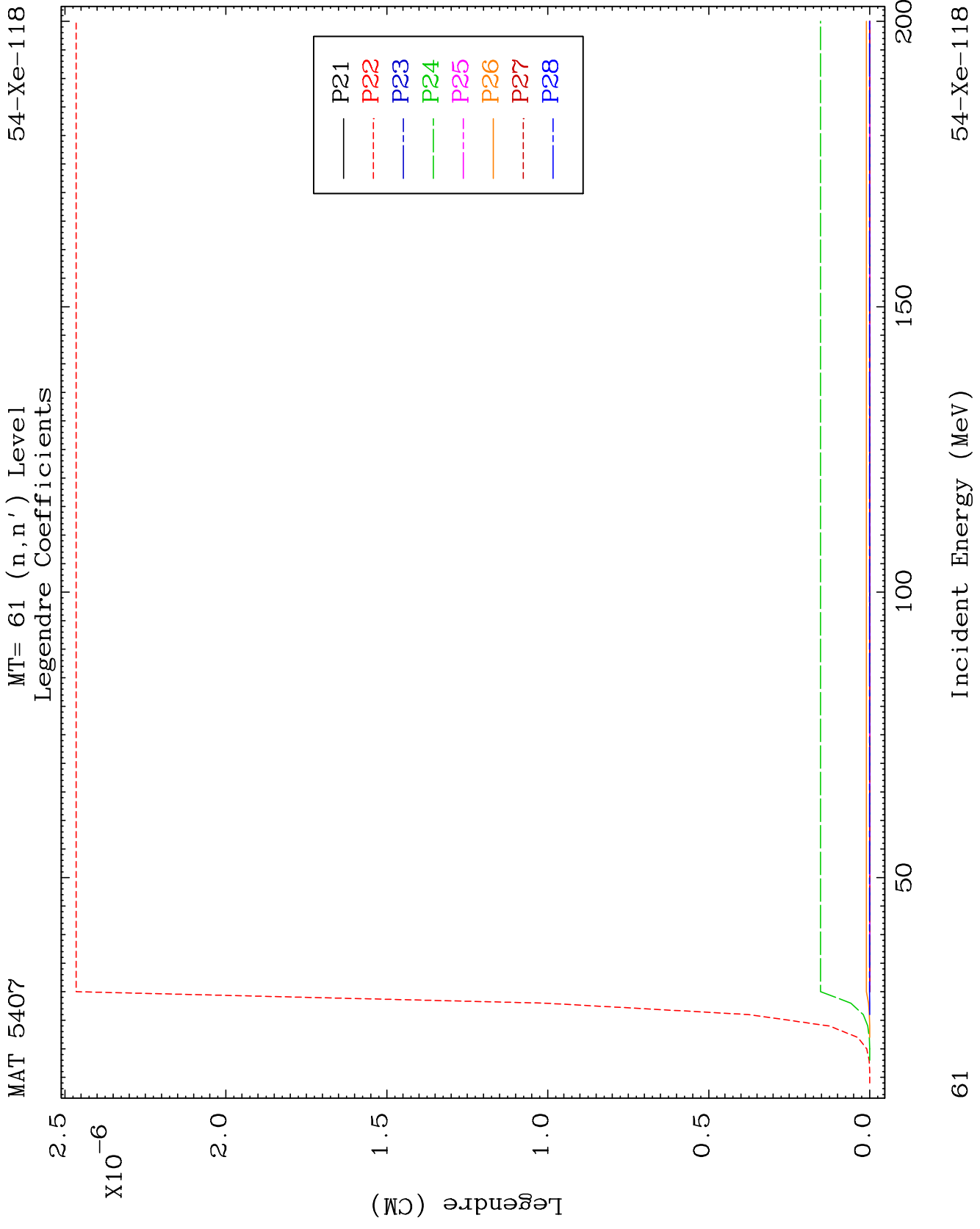
54-Xe-118



54-Xe-118

Incident Energy (MeV)

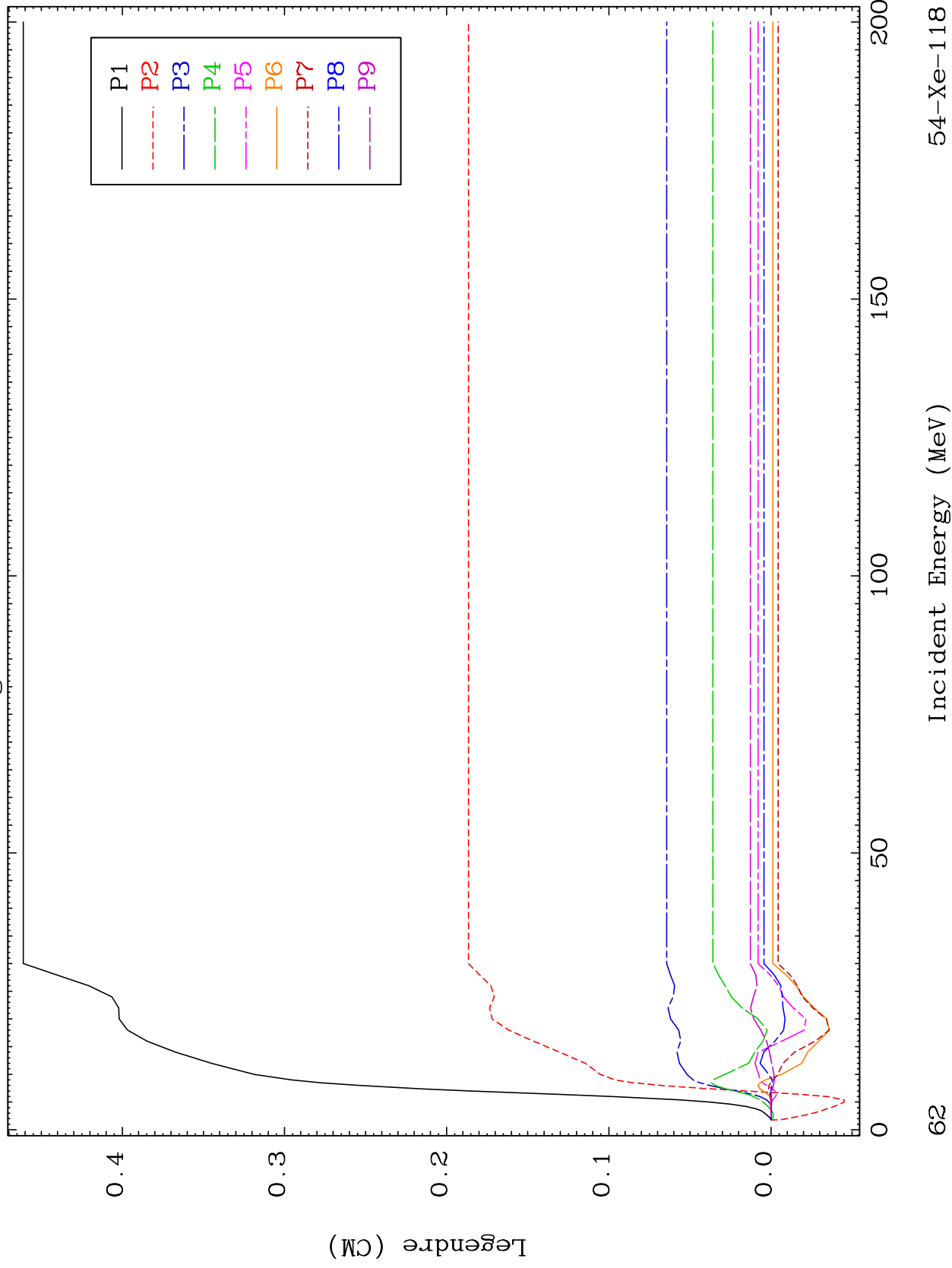
60



MAT 5407

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

54-Xe-118



54-Xe-118

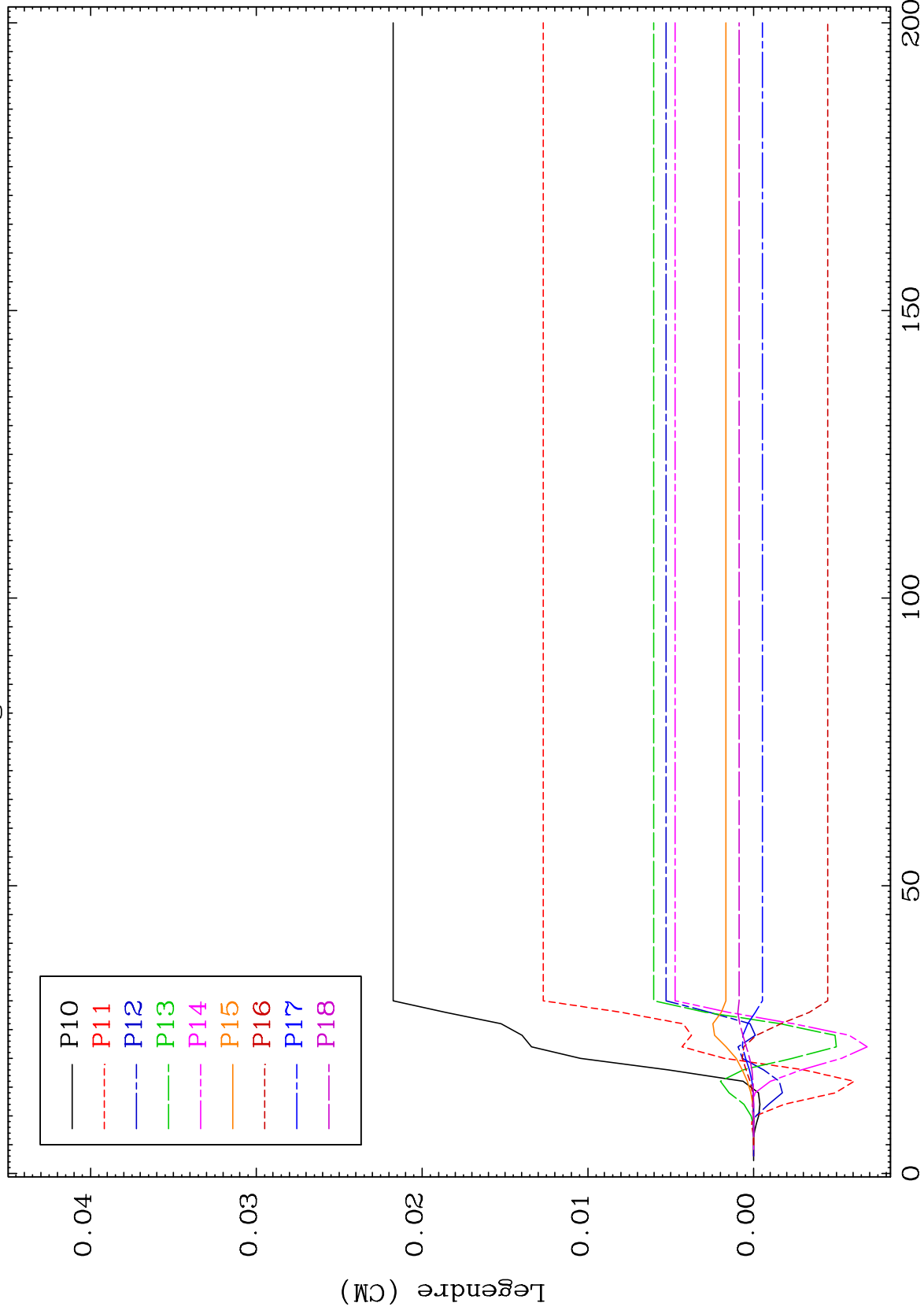
Incident Energy (MeV)

62

MAT 5407

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

54-Xe-118



63

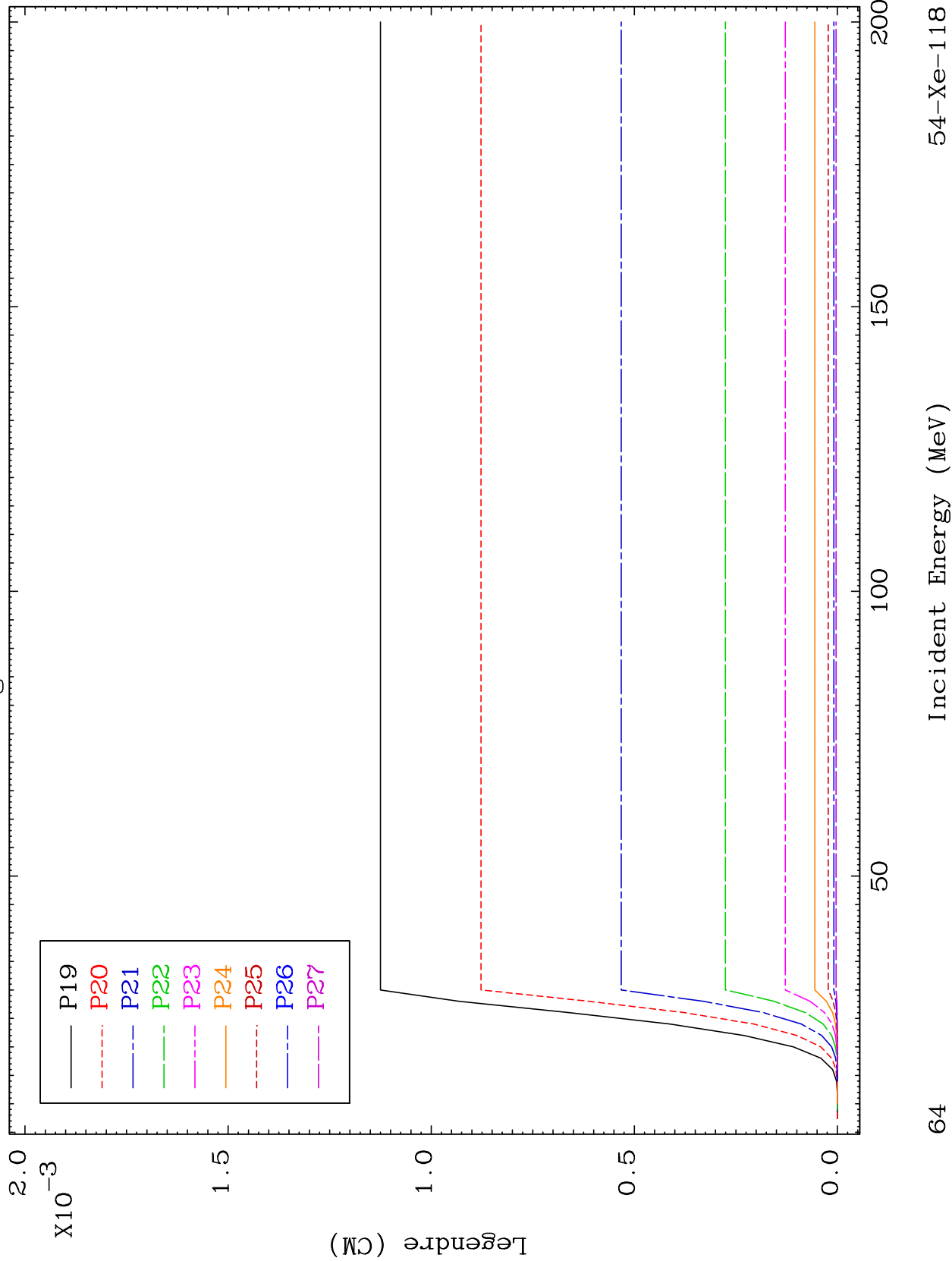
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



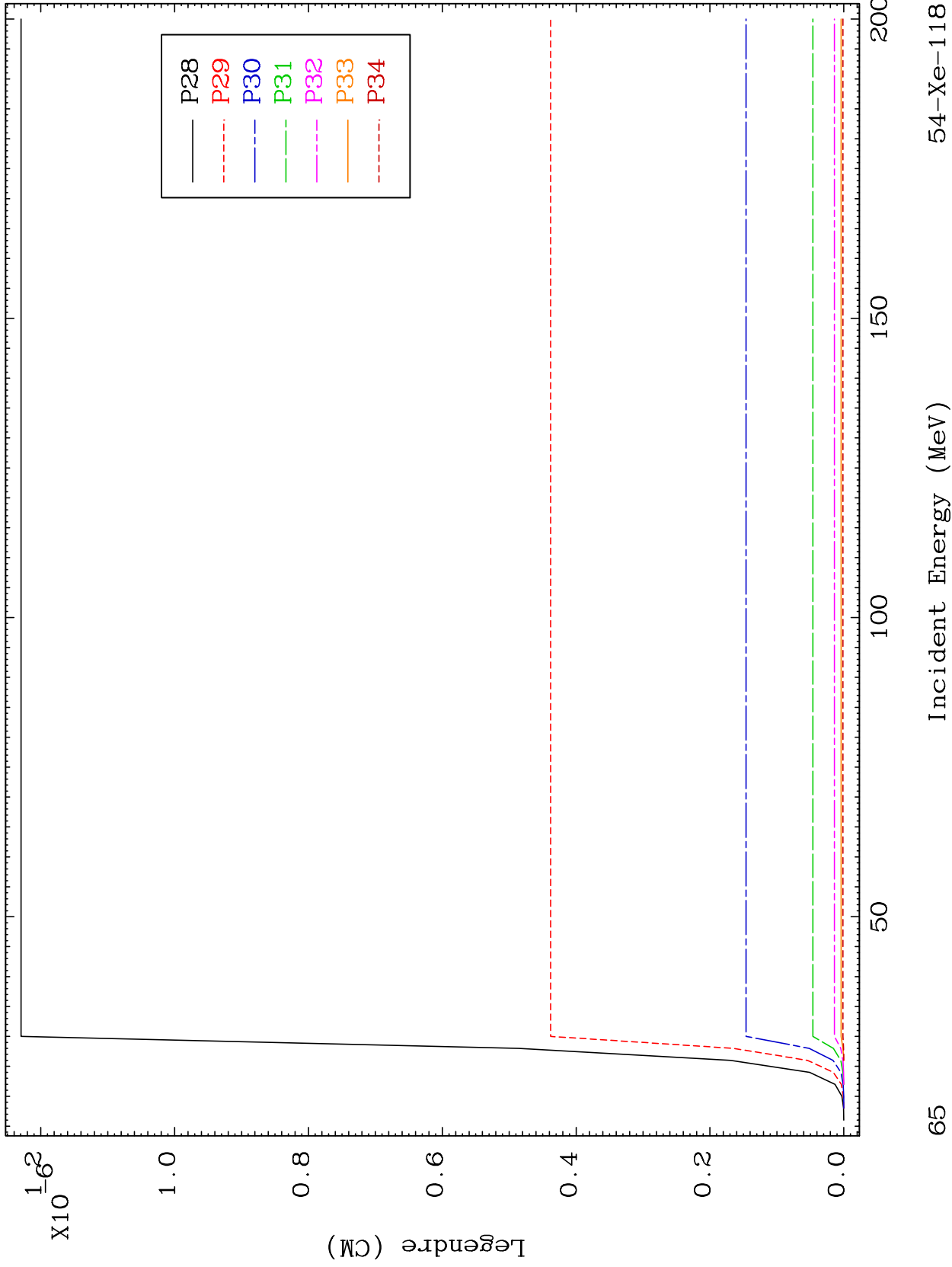
64

54-Xe-118

MAT 5407

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

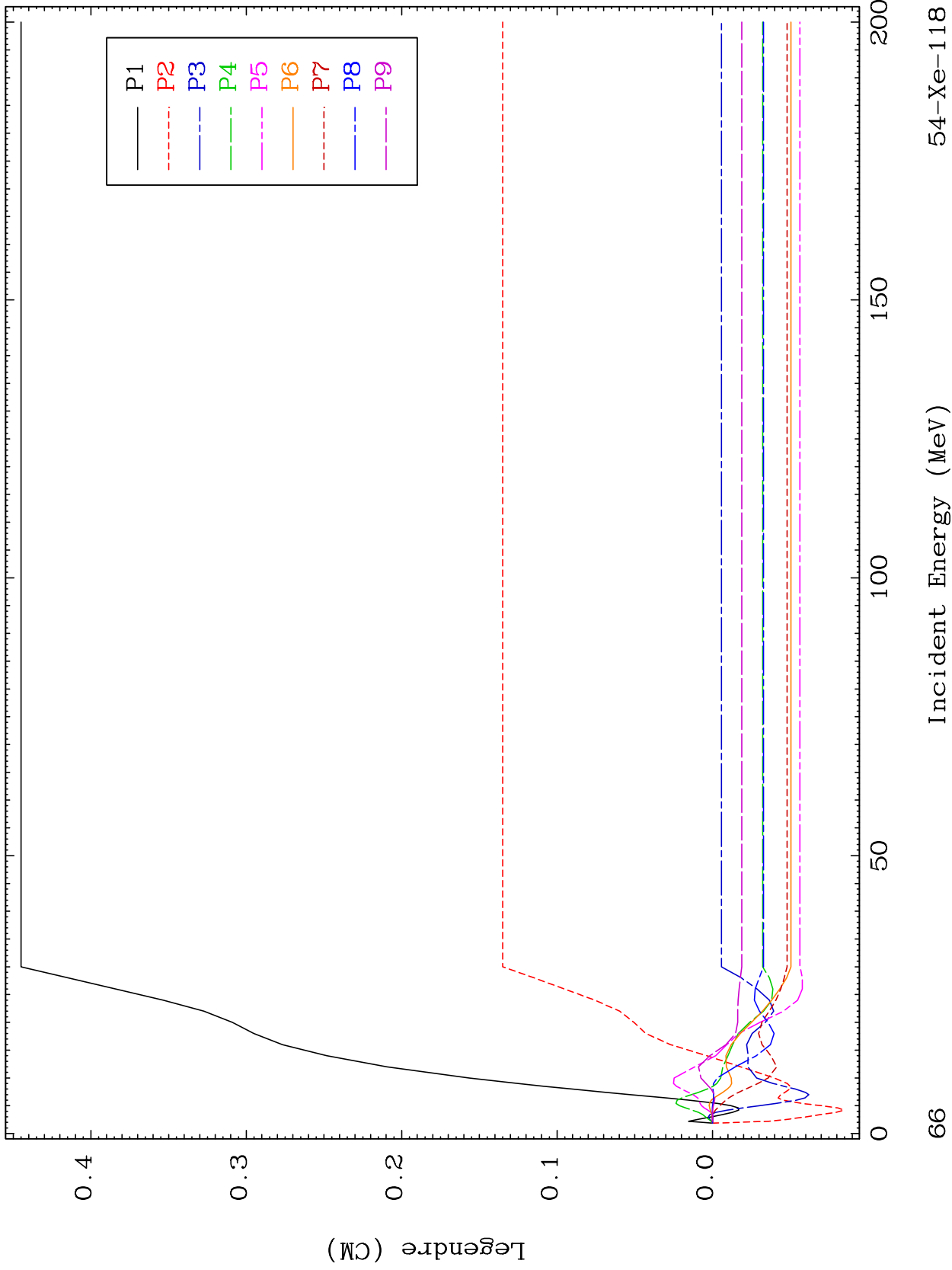
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

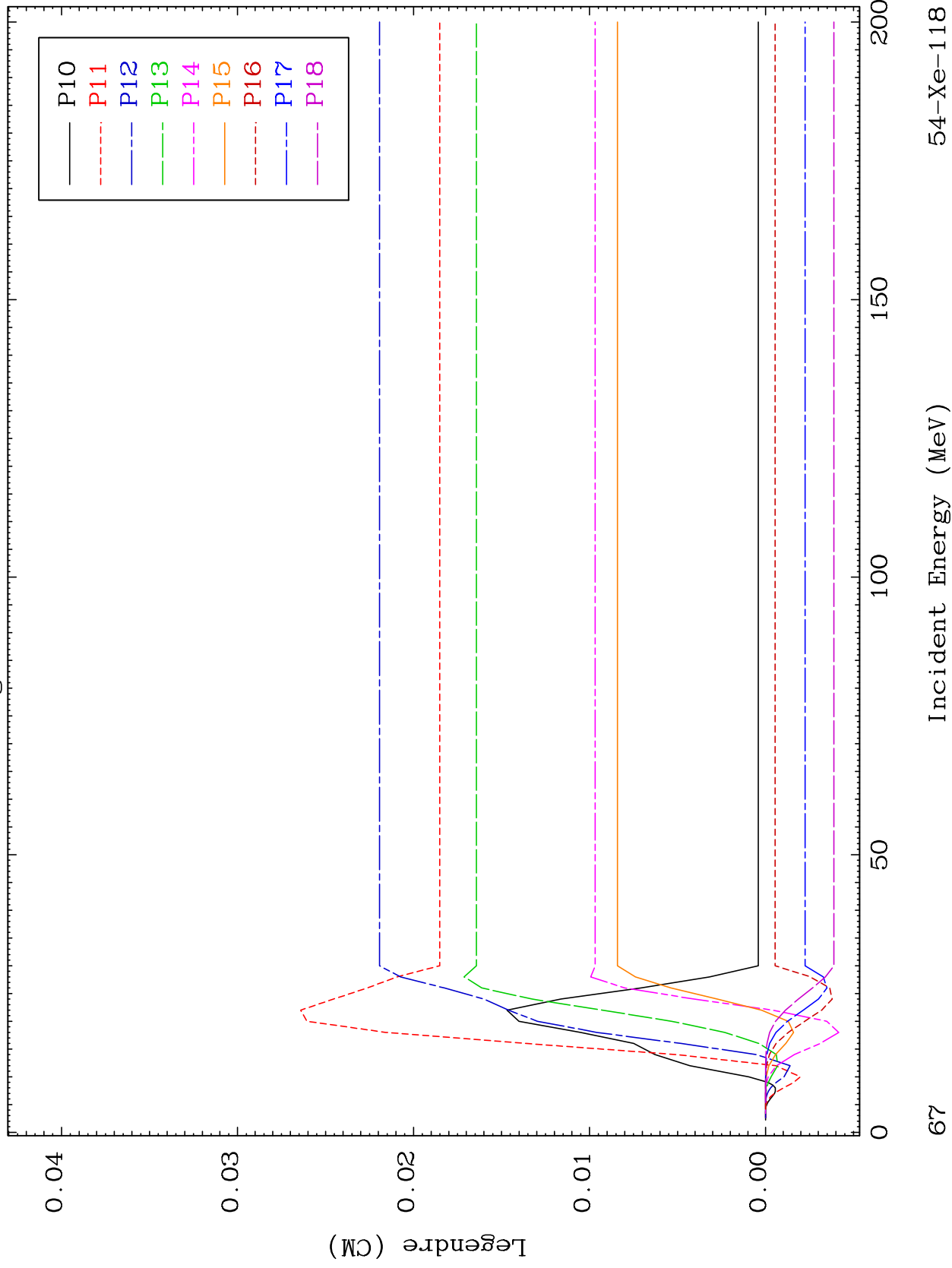
Incident Energy (MeV)

66

MAT 5407

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

54-Xe-118



54-Xe-118

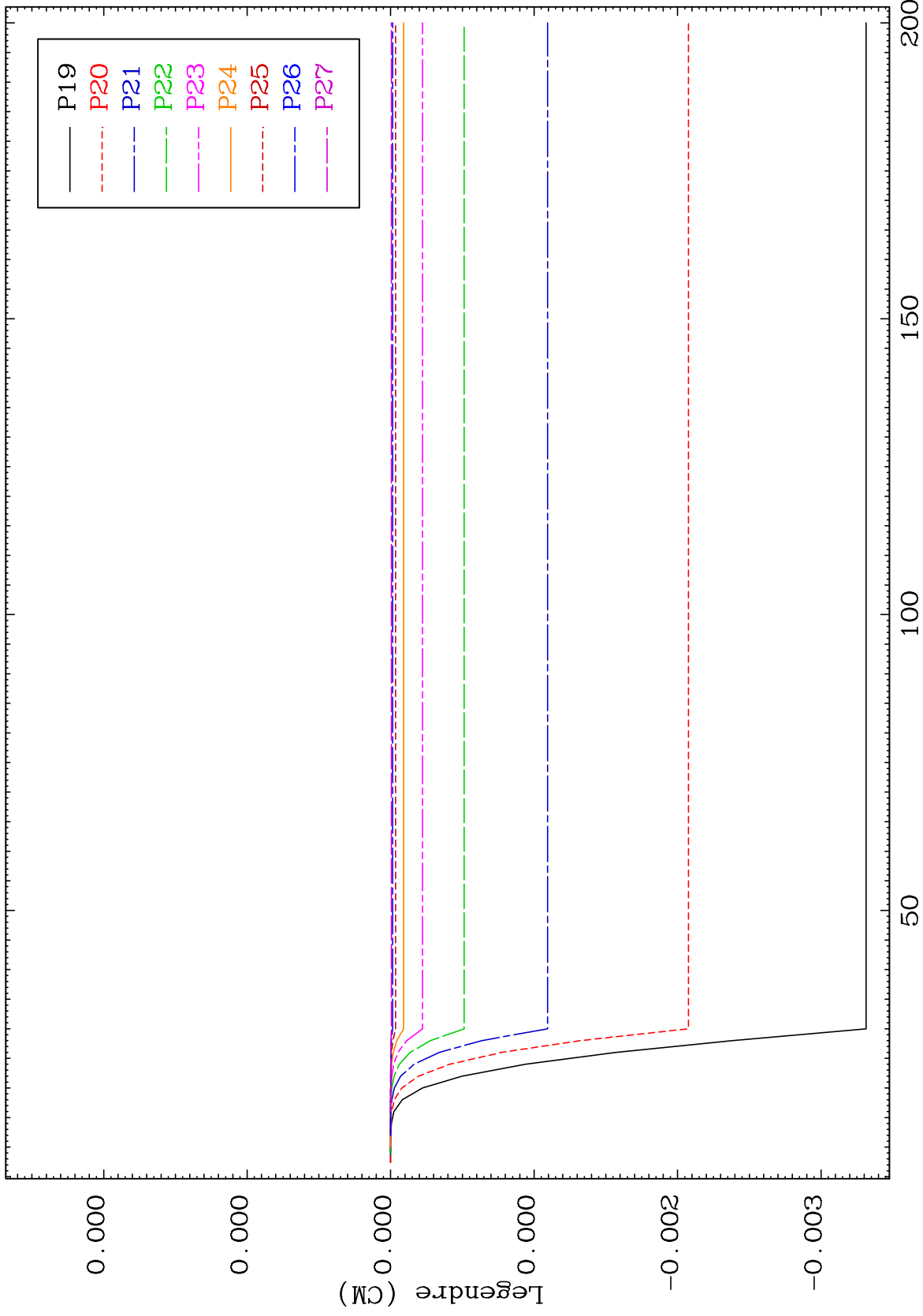
Incident Energy (MeV)

67

MAT 5407

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

54-Xe-118



68

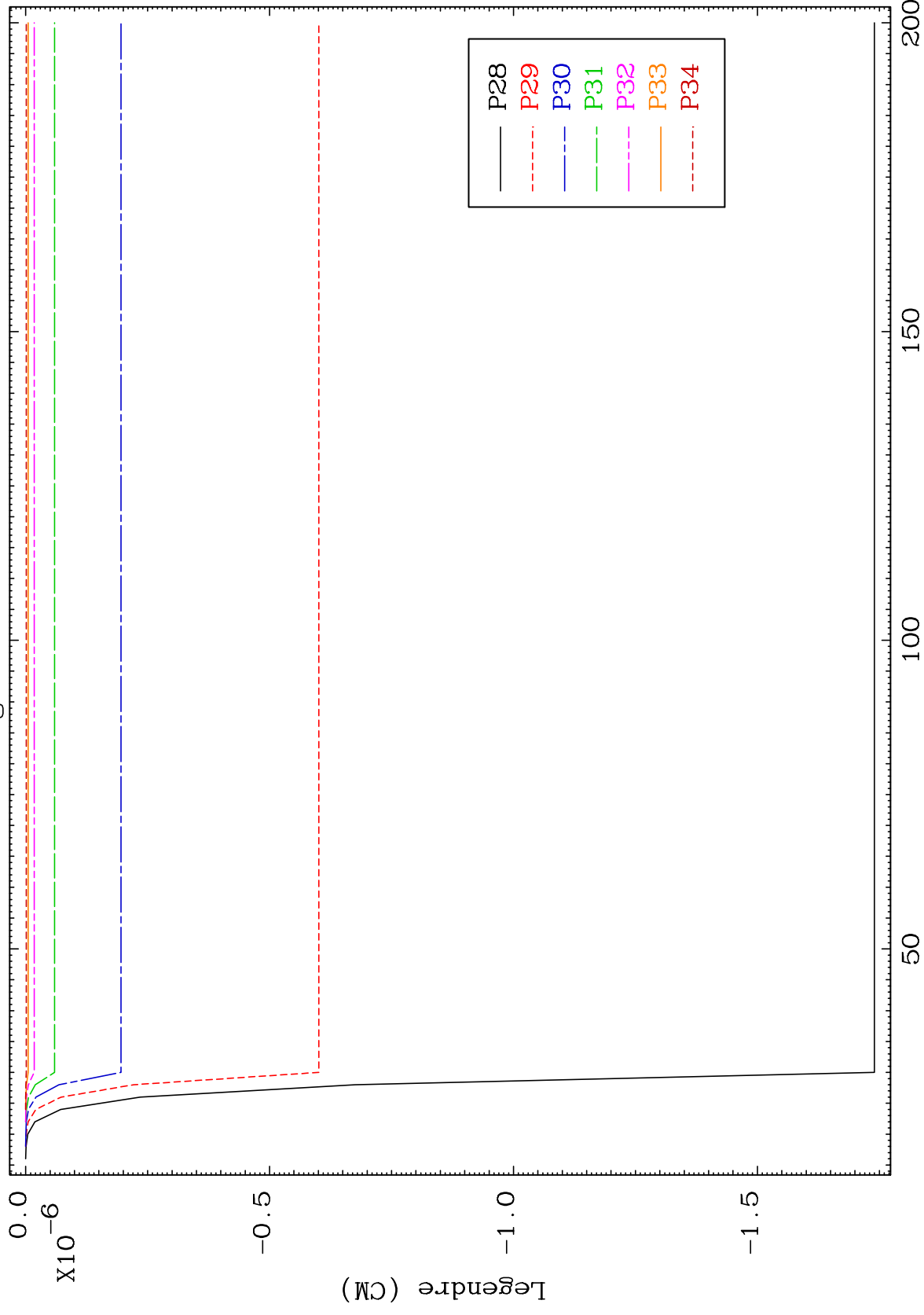
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

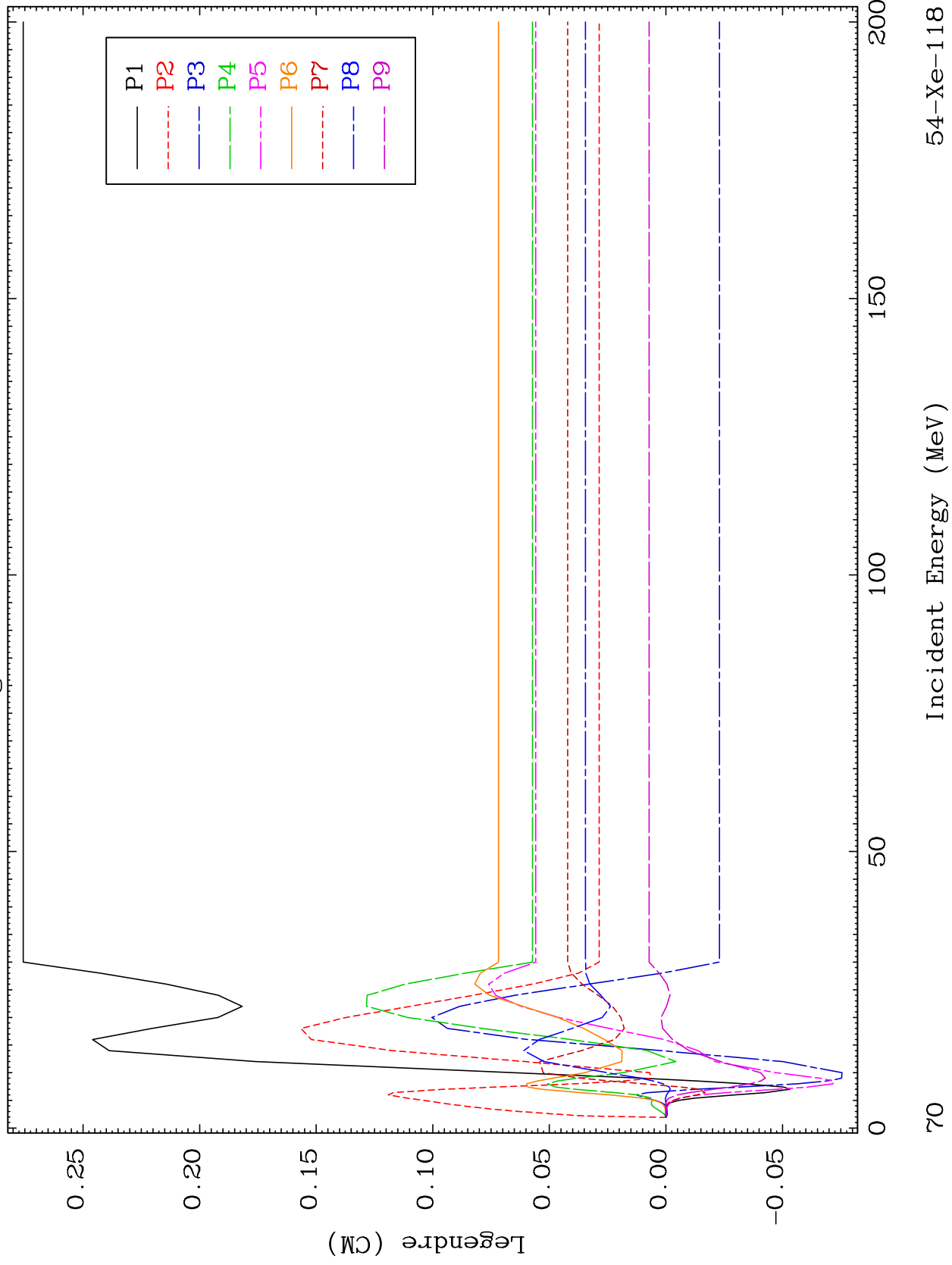
54-Xe-118



MAT 5407

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

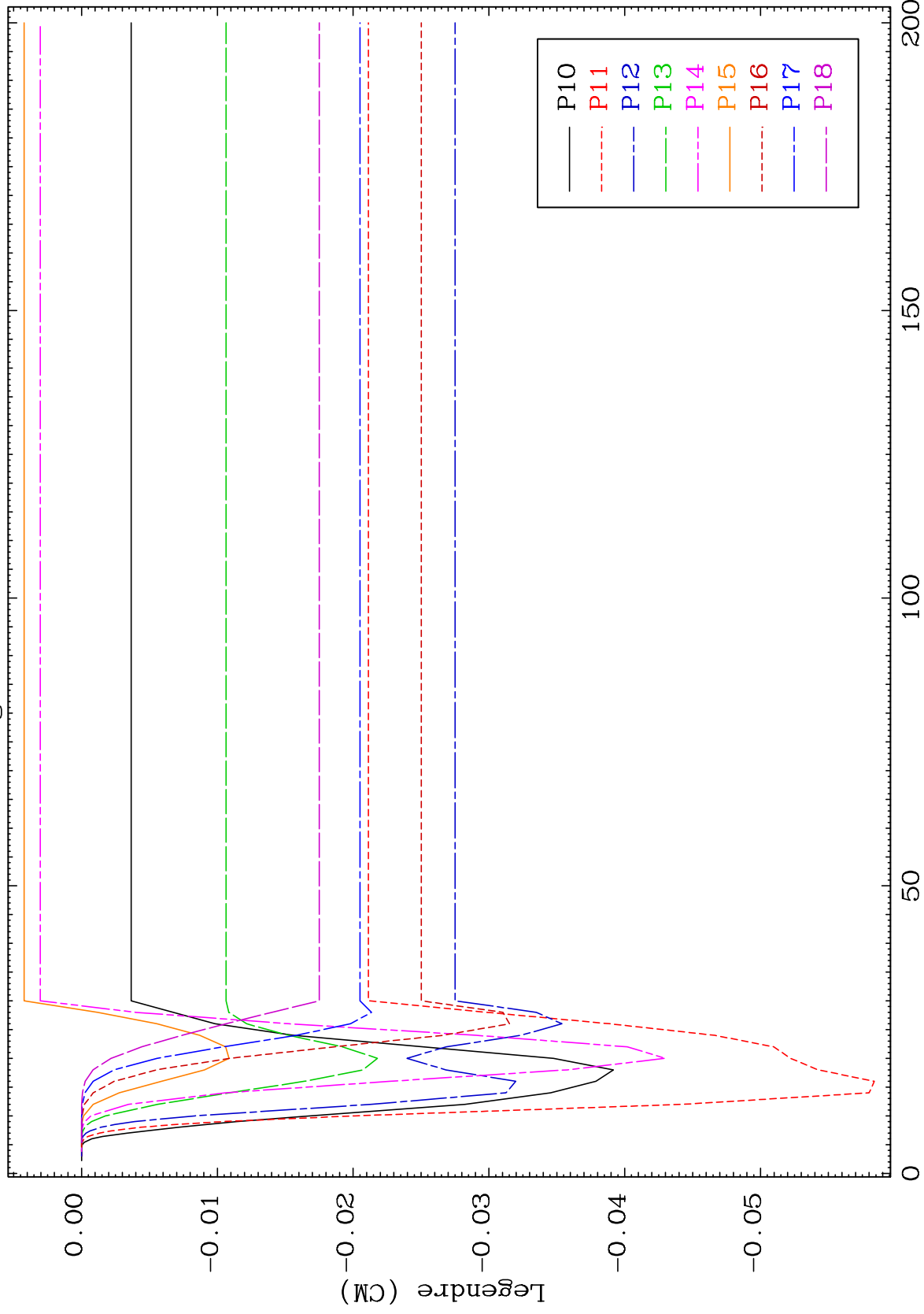
54-Xe-118



MAT 5407

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

54-Xe-118



71

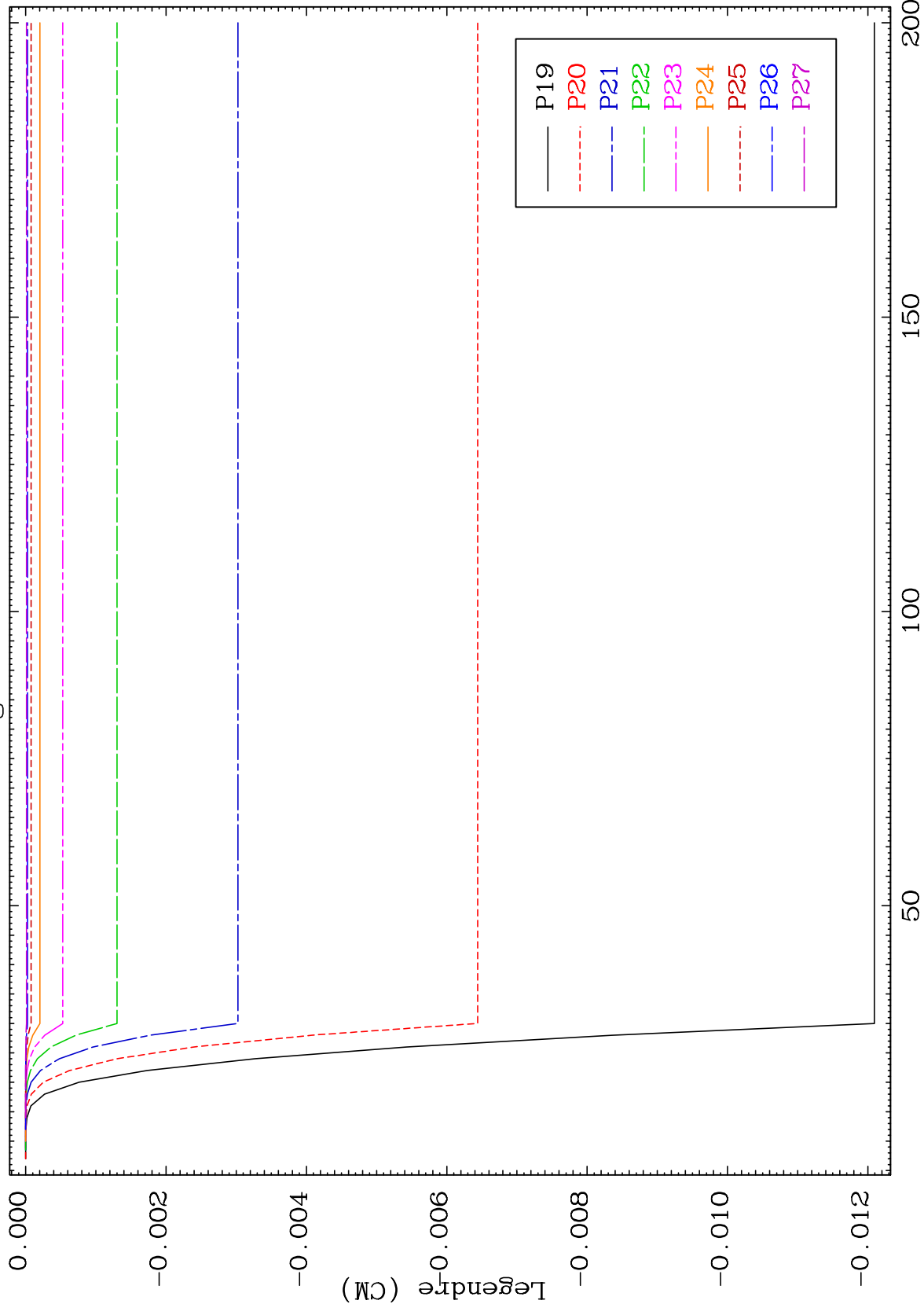
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

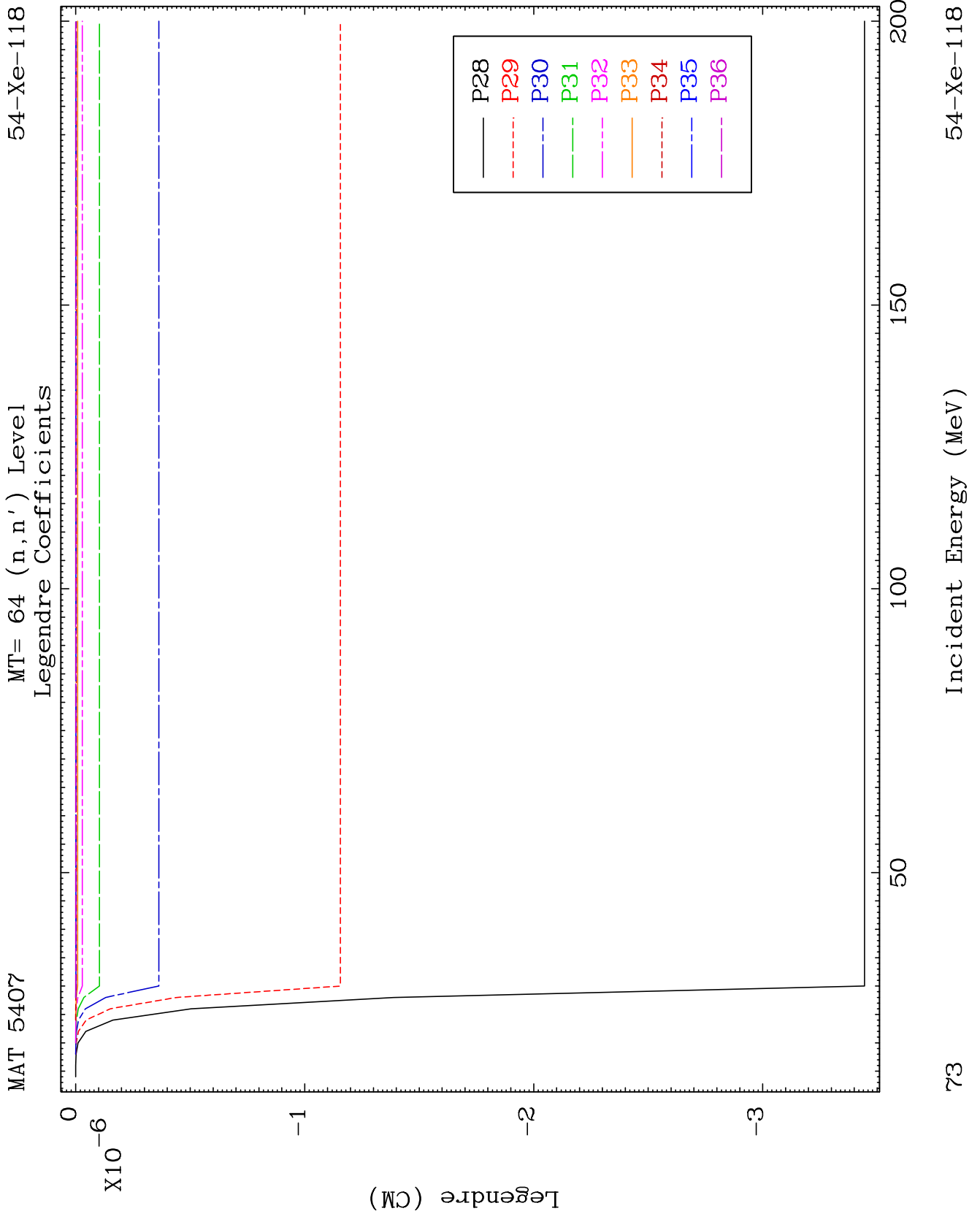
54-Xe-118

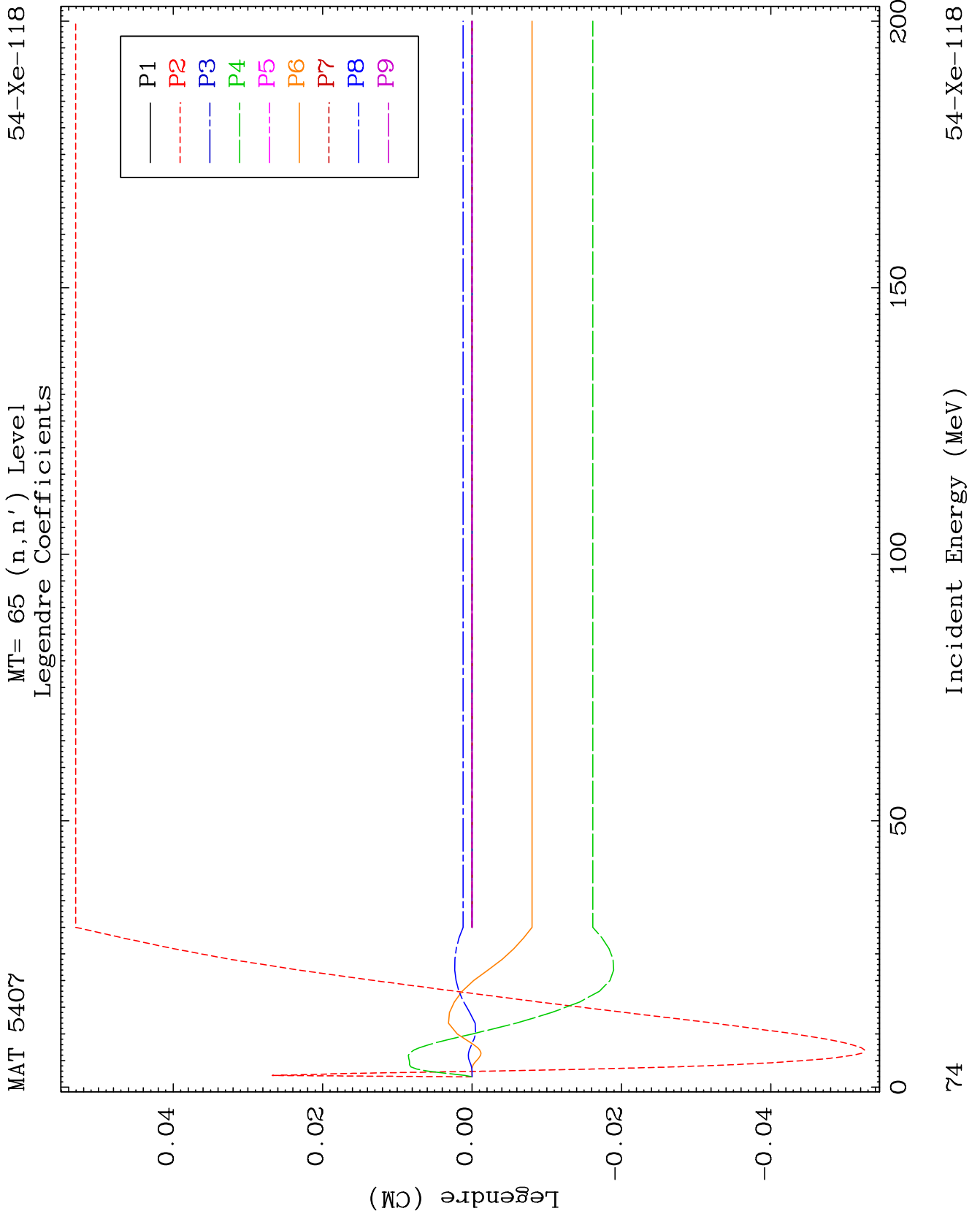


72

Incident Energy (MeV)

54-Xe-118

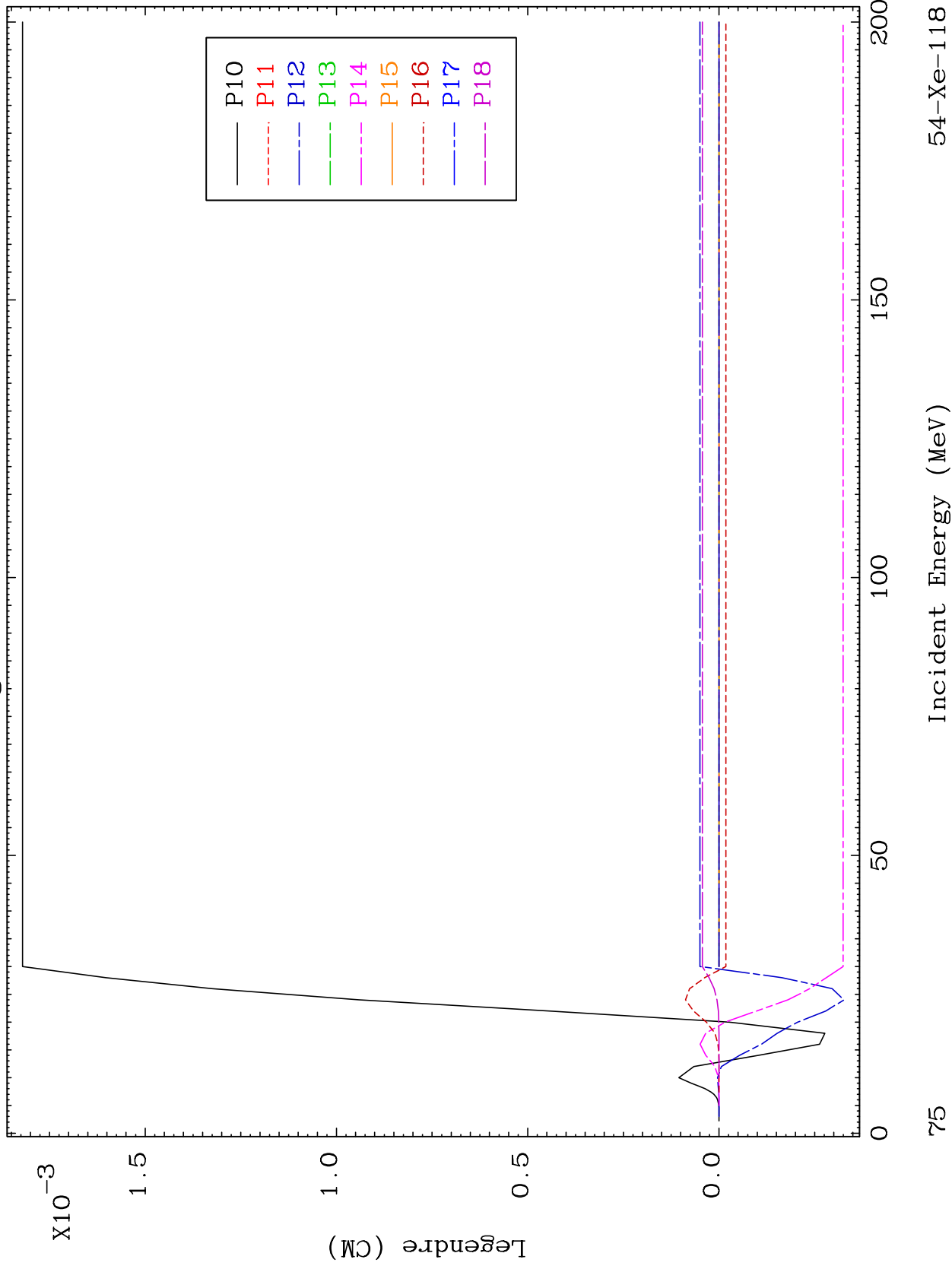




MAT 5407

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

54-Xe-118



54-Xe-118

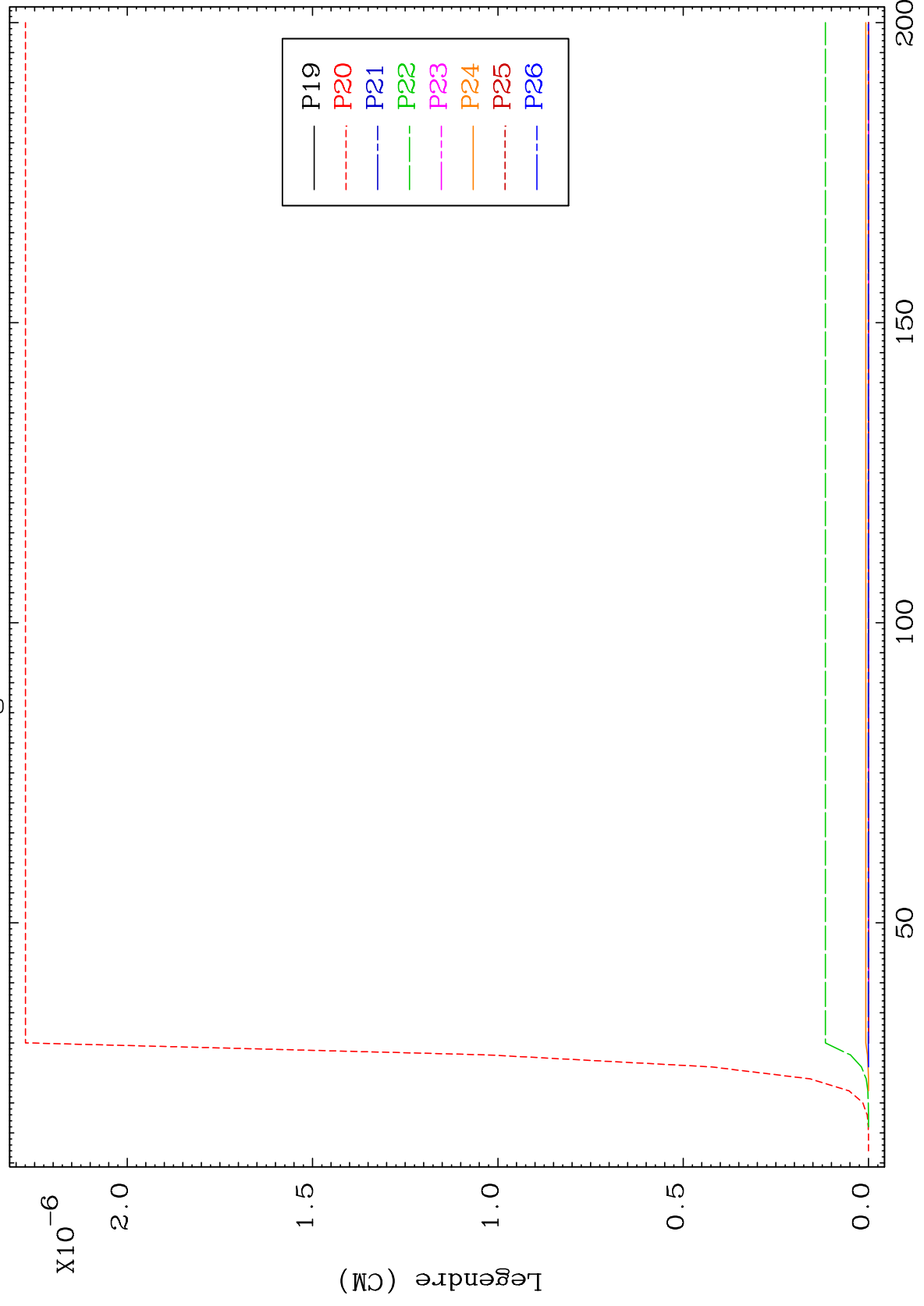
Incident Energy (MeV)

75

MAT 5407

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

54-Xe-118



54-Xe-118

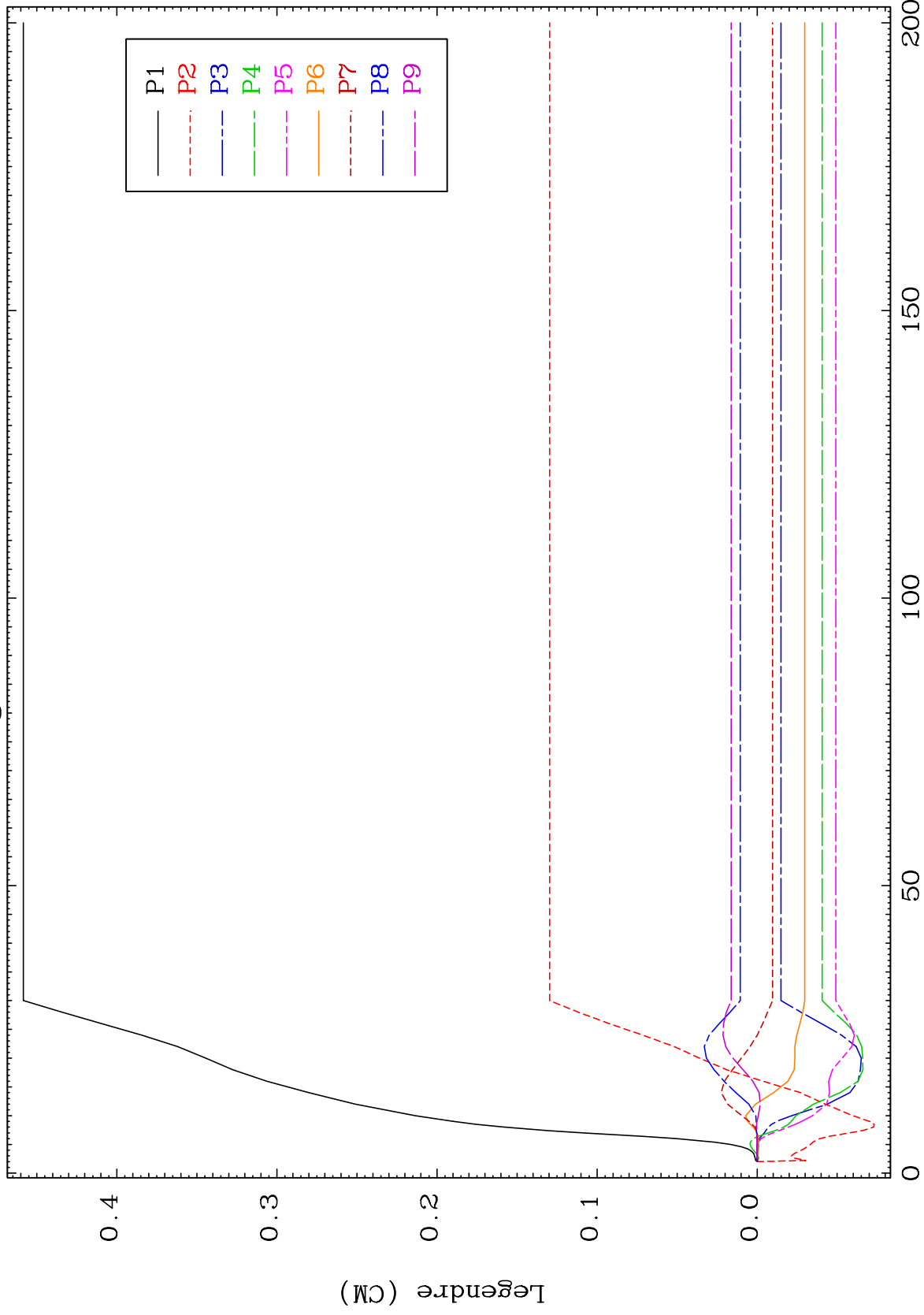
Incident Energy (MeV)

76

MAT 5407

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

54-Xe-118



77

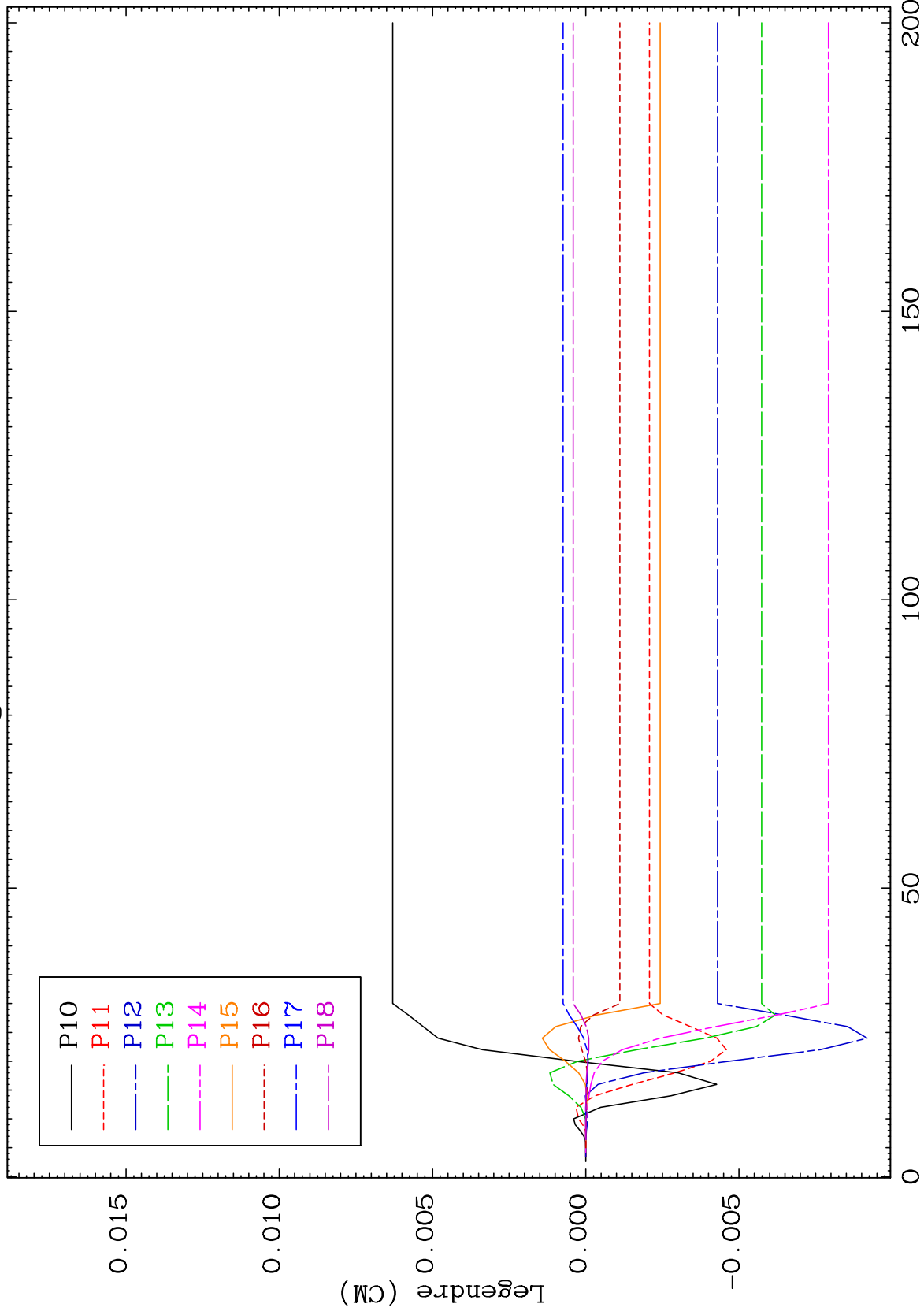
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



78

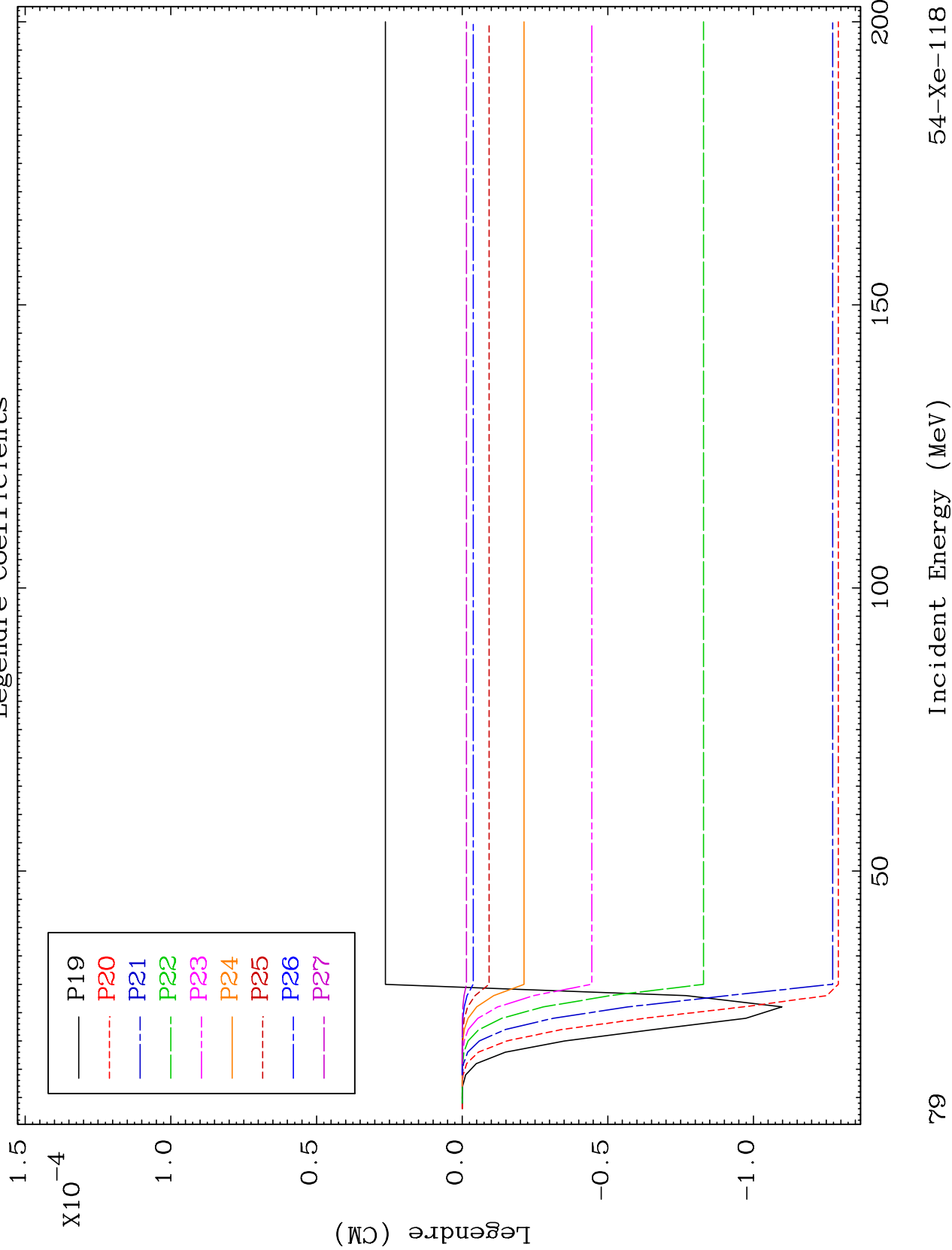
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



79

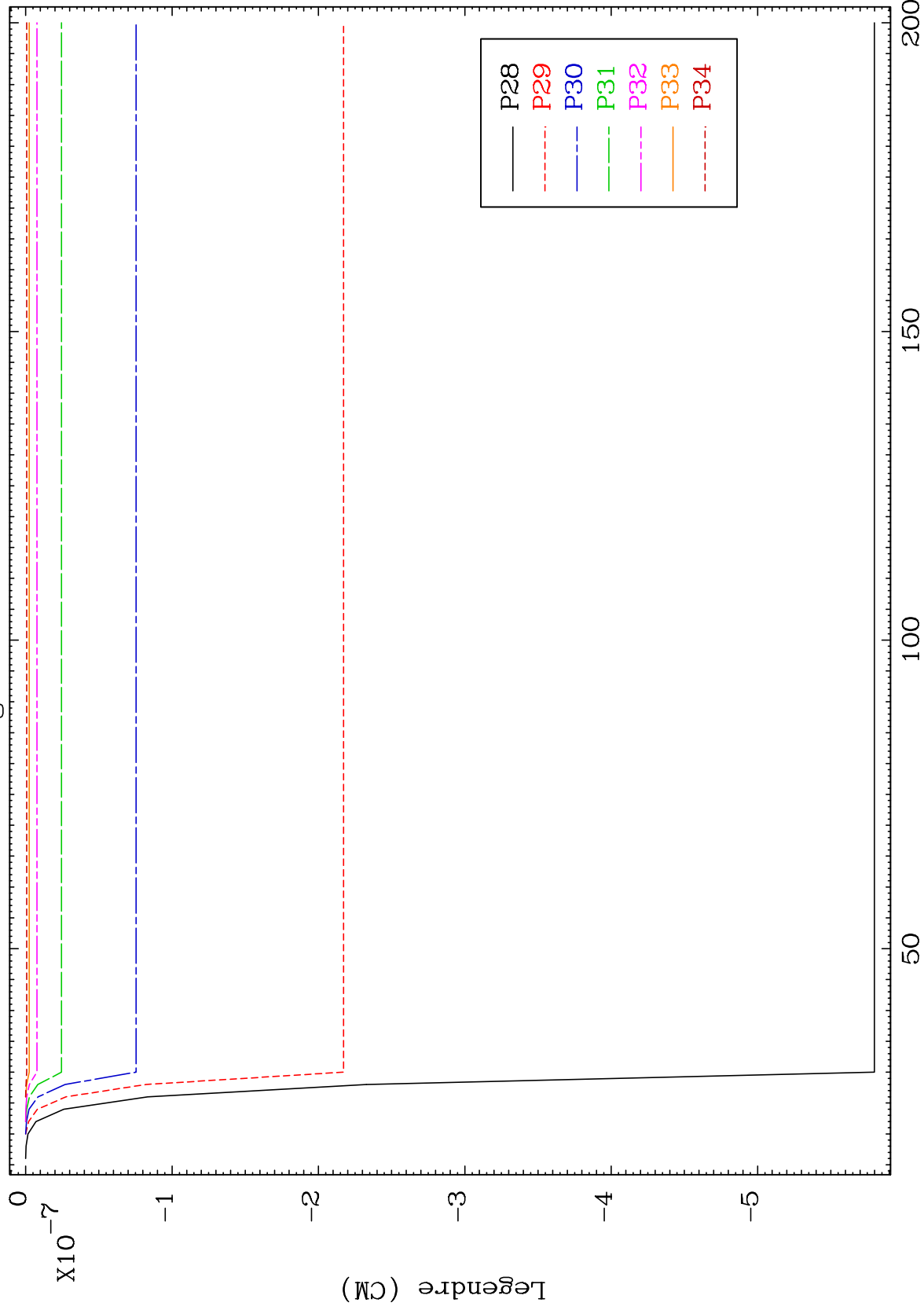
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



80

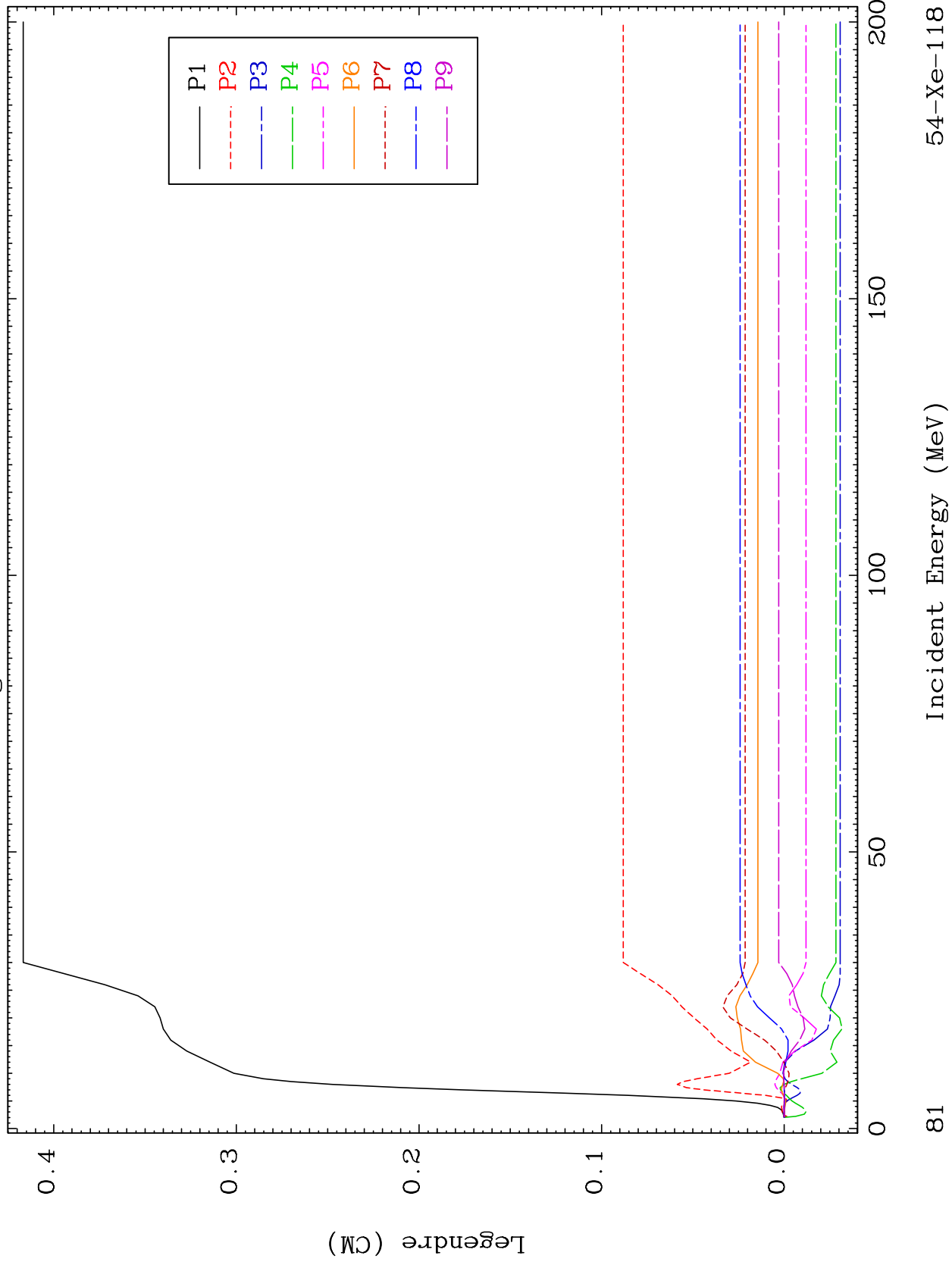
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



81

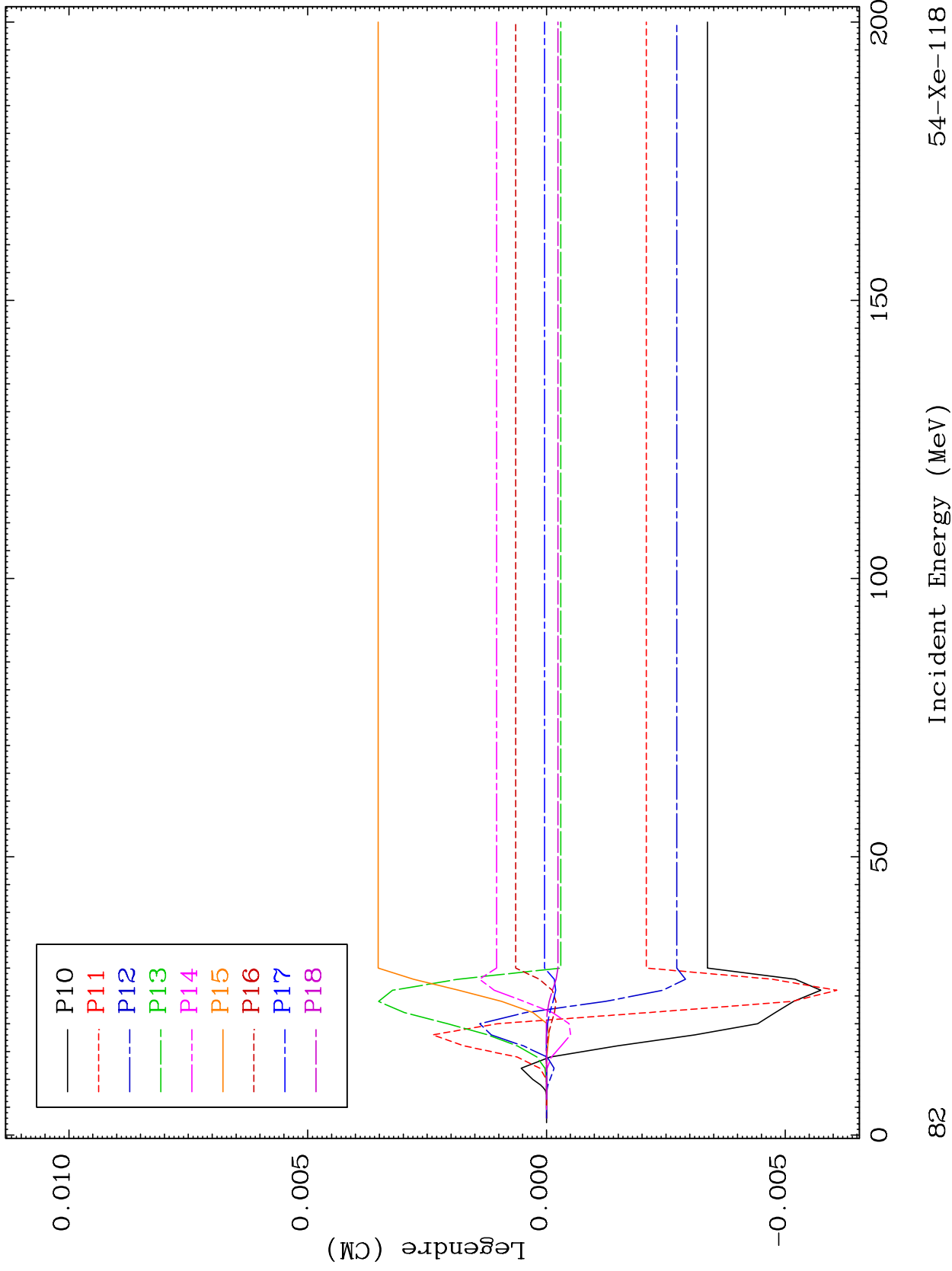
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

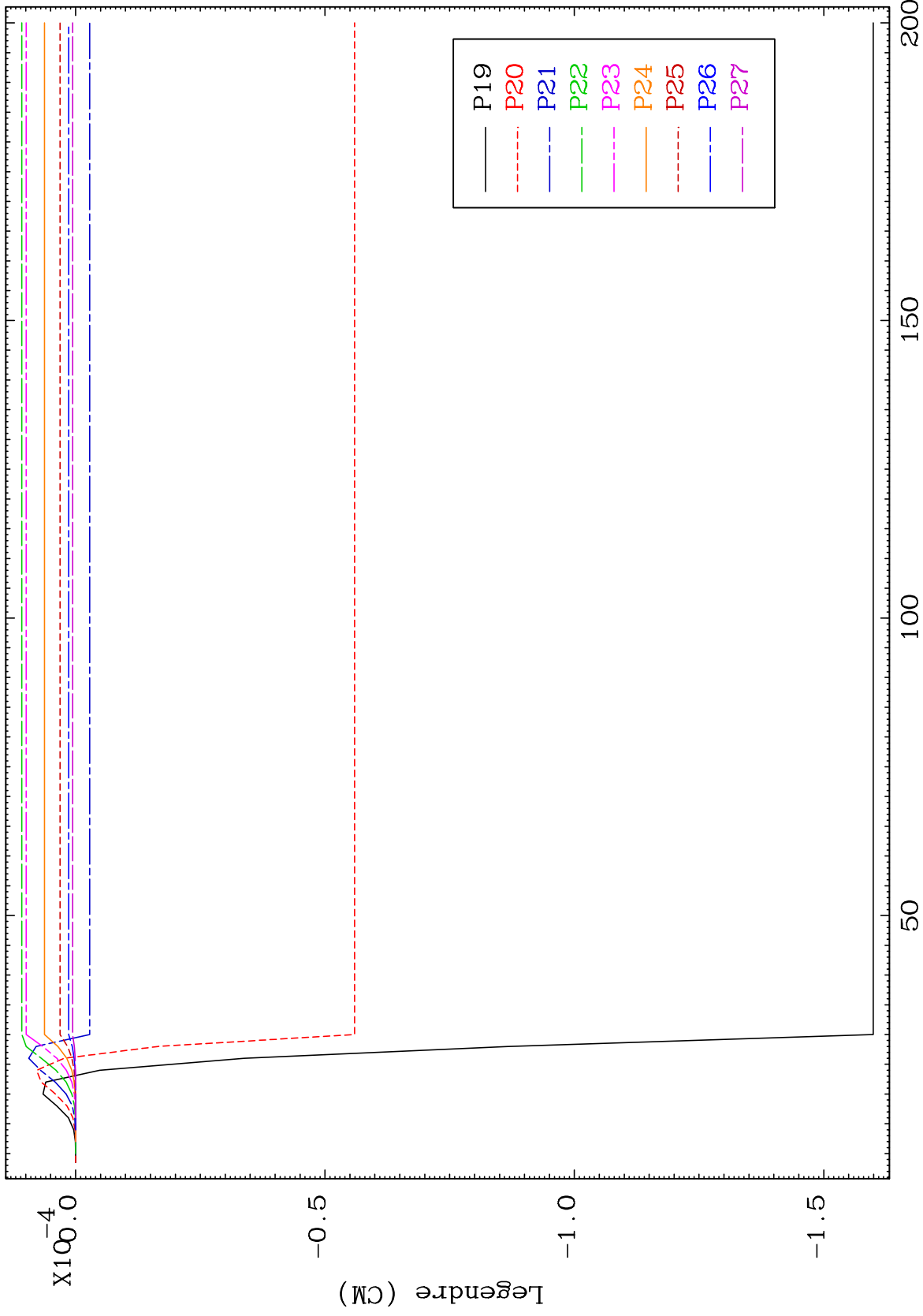
54-Xe-118



MAT 5407

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

54-Xe-118



83

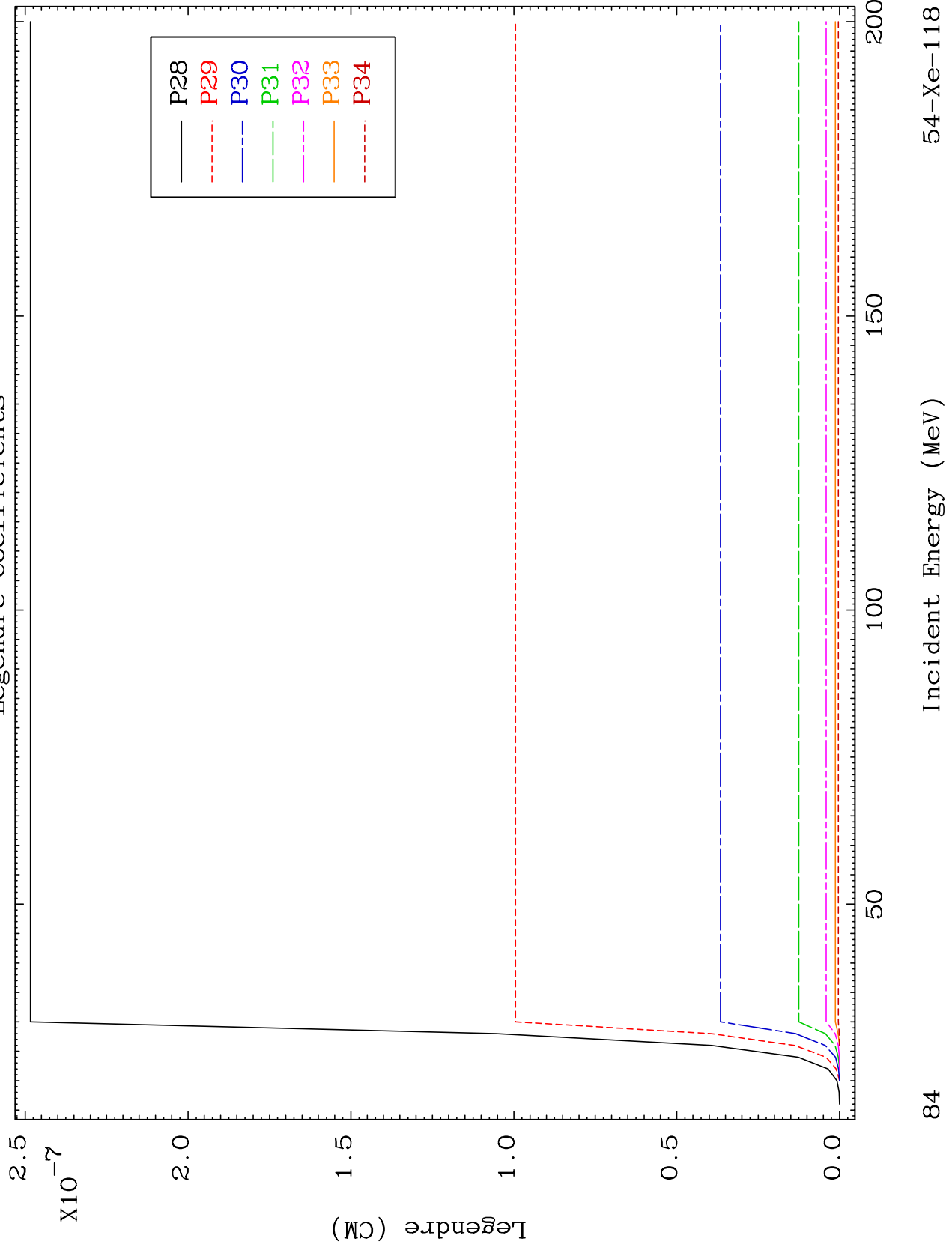
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



84

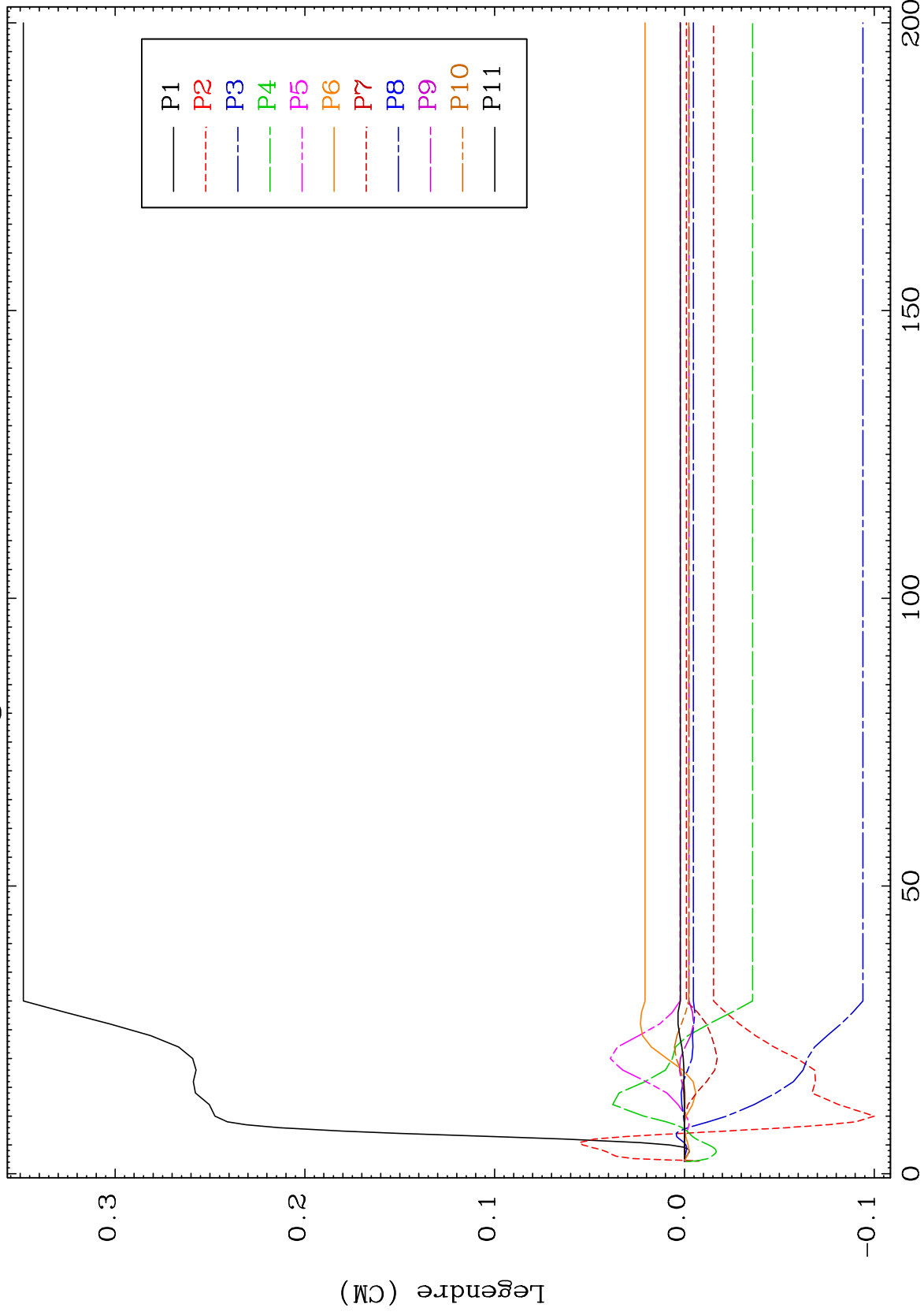
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

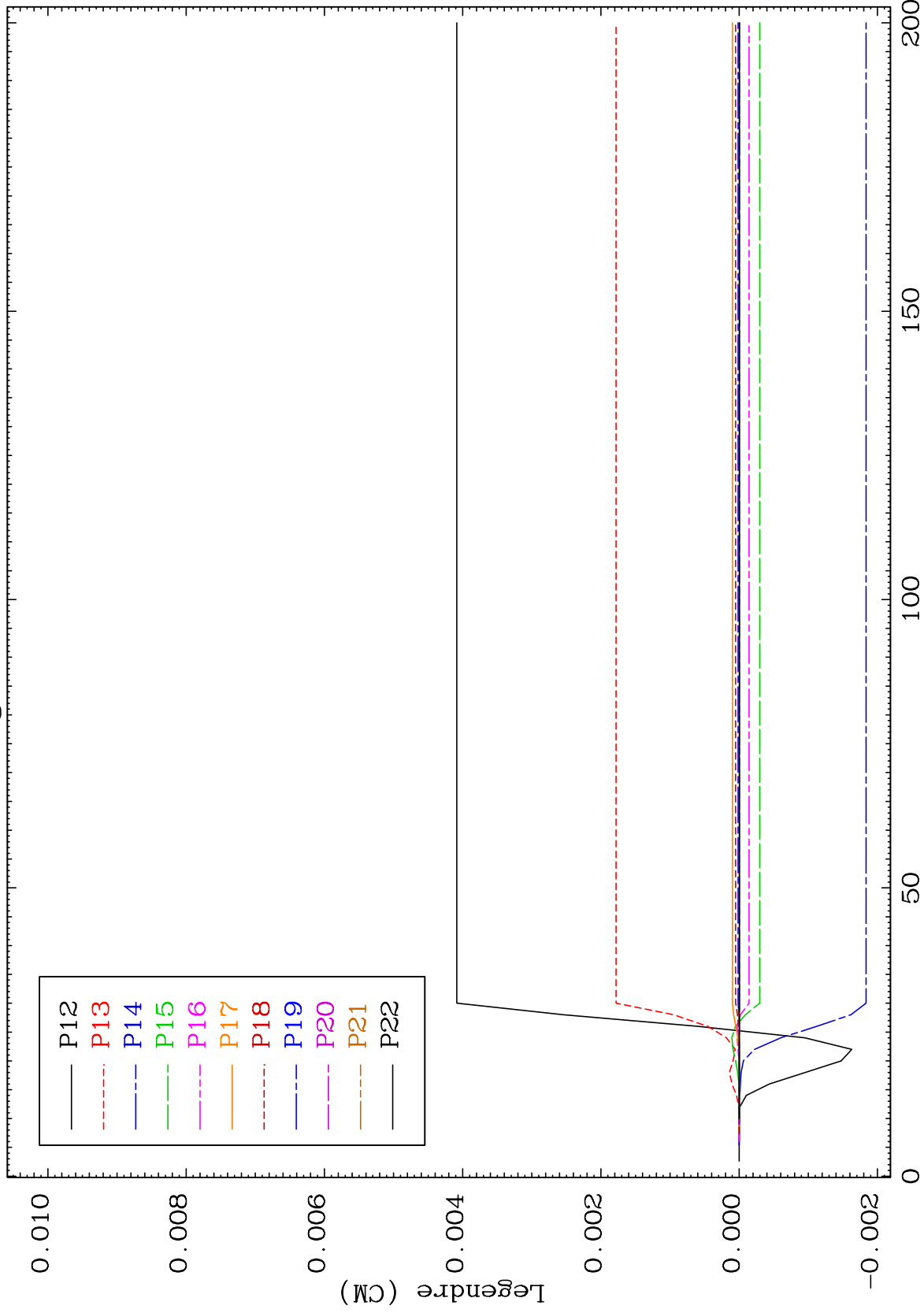
54-Xe-118



54-Xe-118

Incident Energy (MeV)

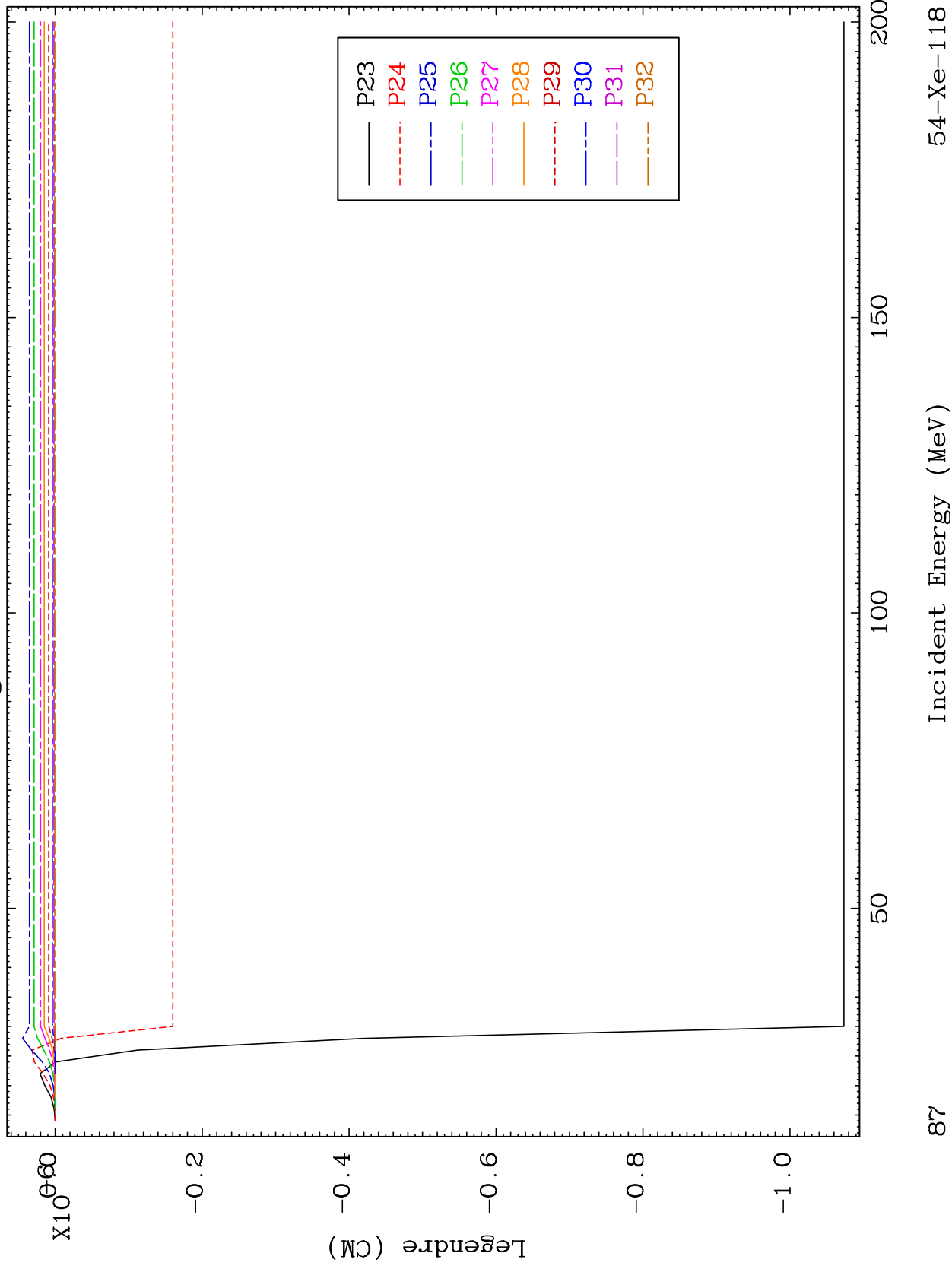
85



MAT 5407

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

54-Xe-118



87

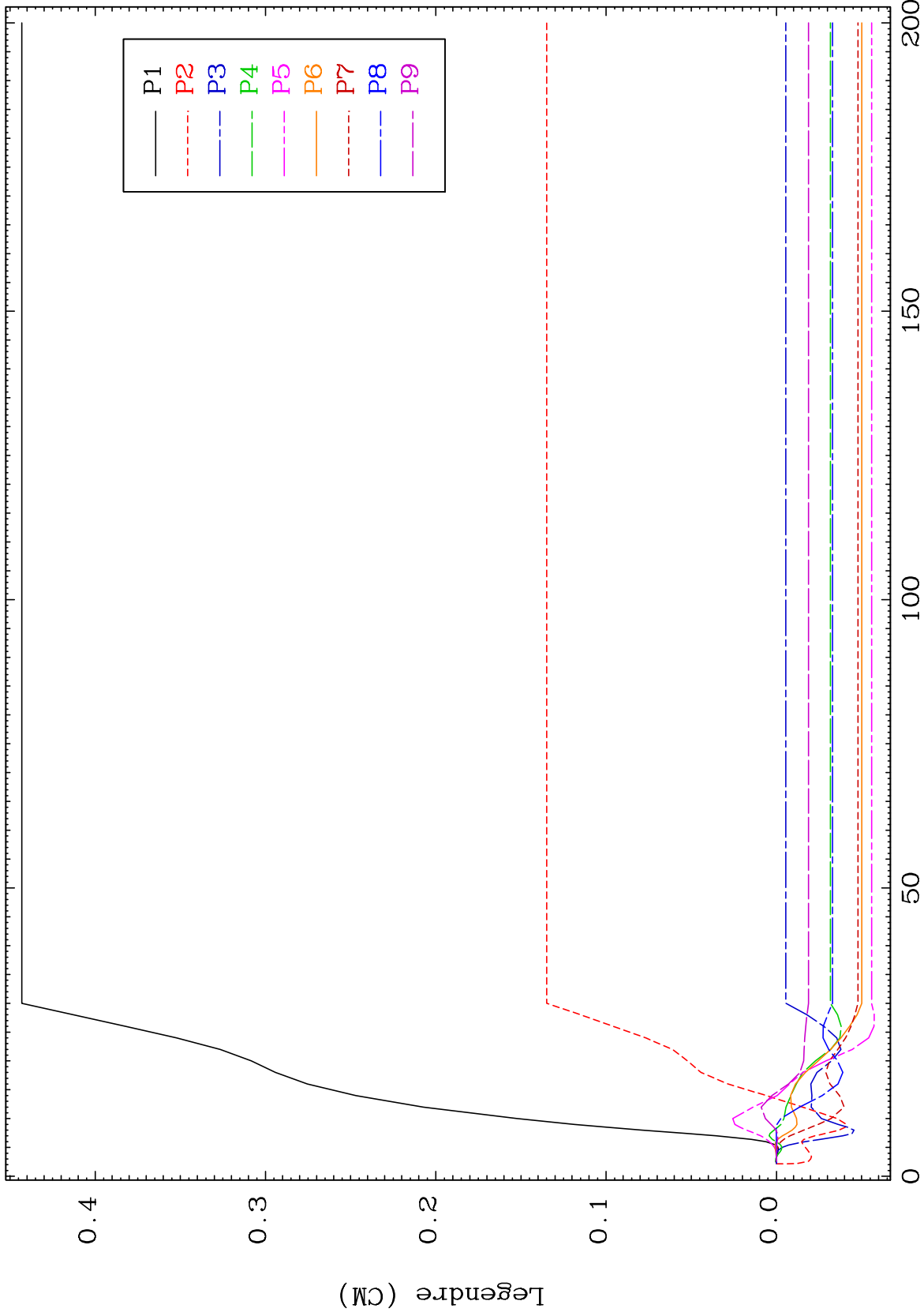
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



88

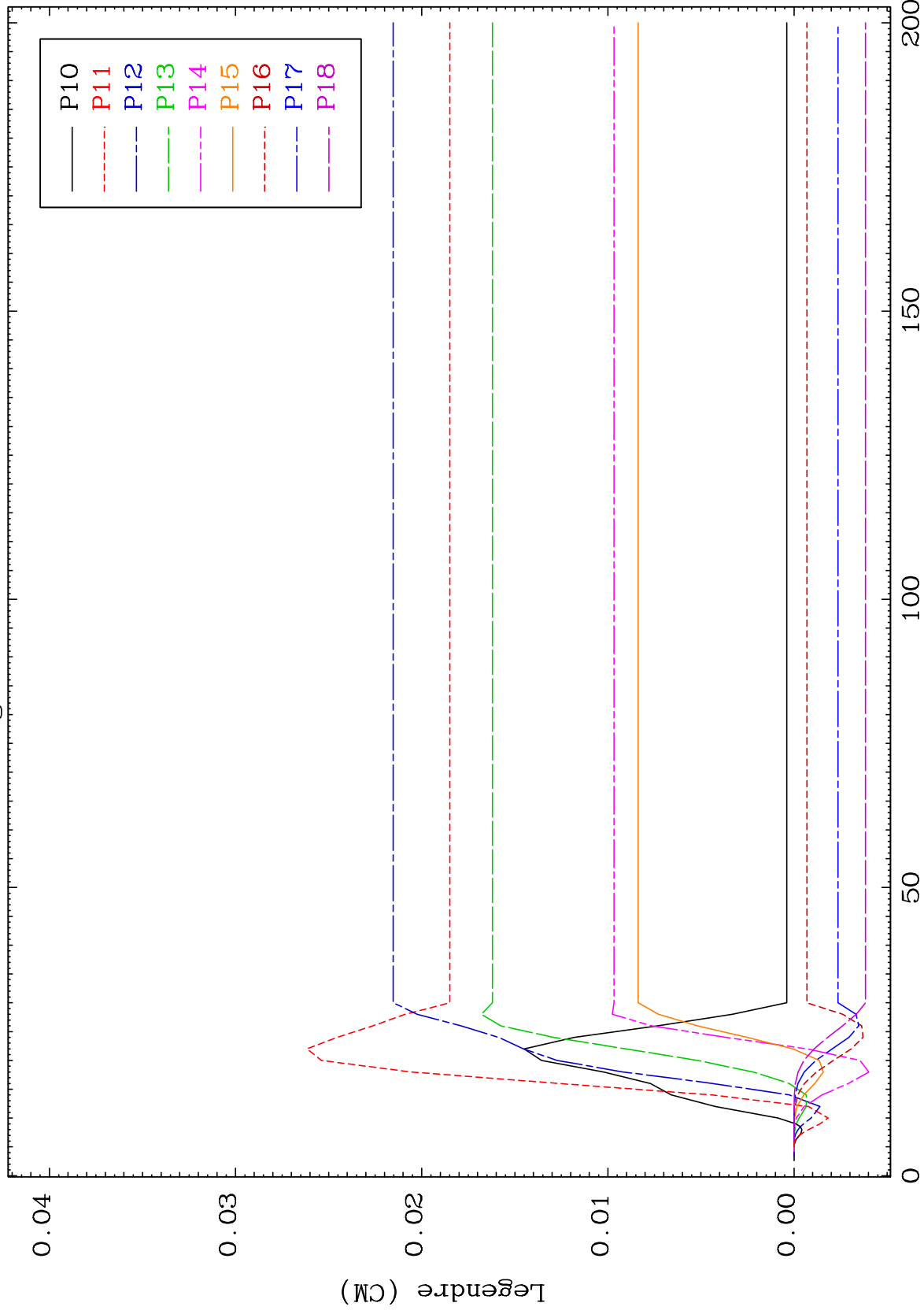
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

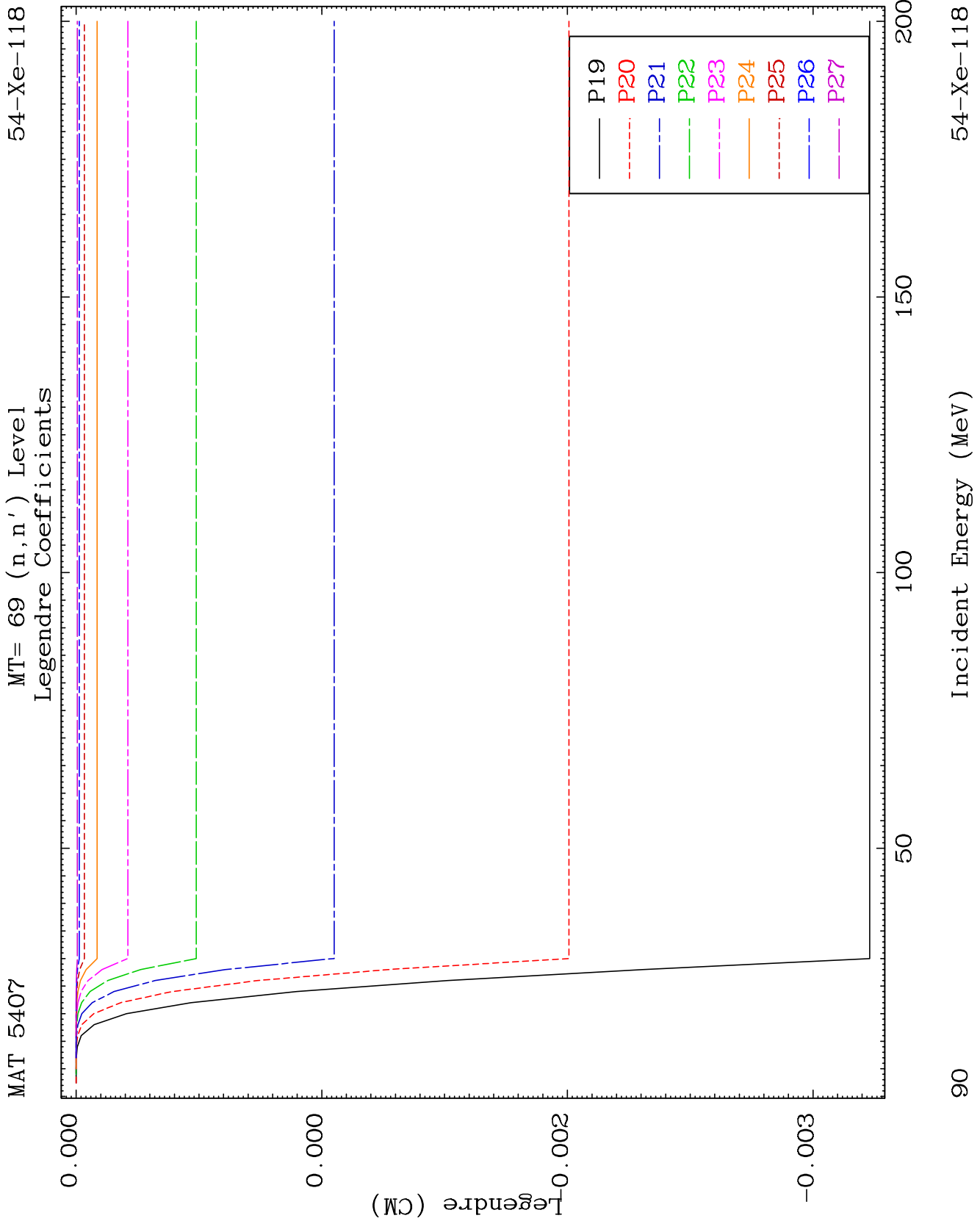
54-Xe-118

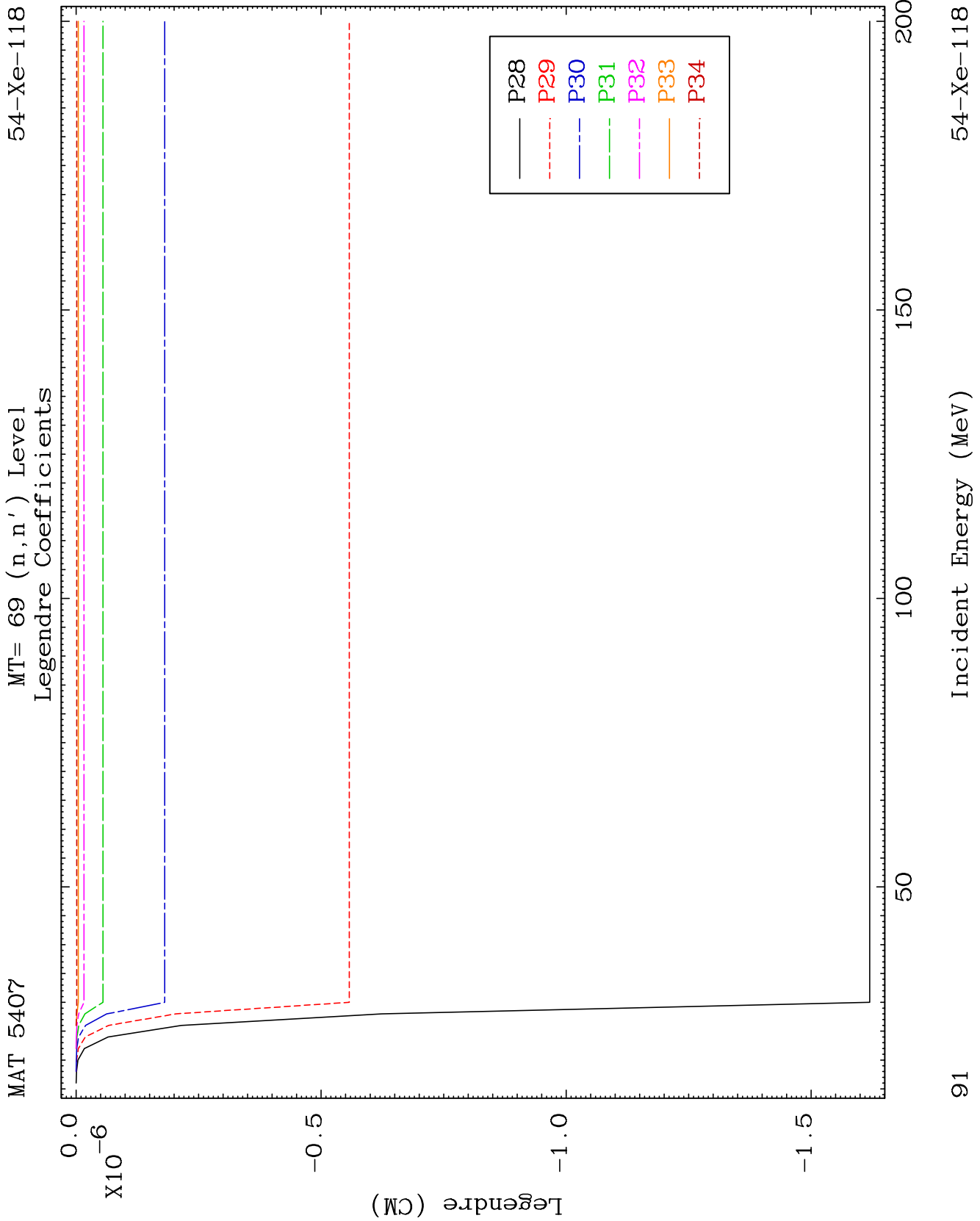


89

Incident Energy (MeV)

54-Xe-118

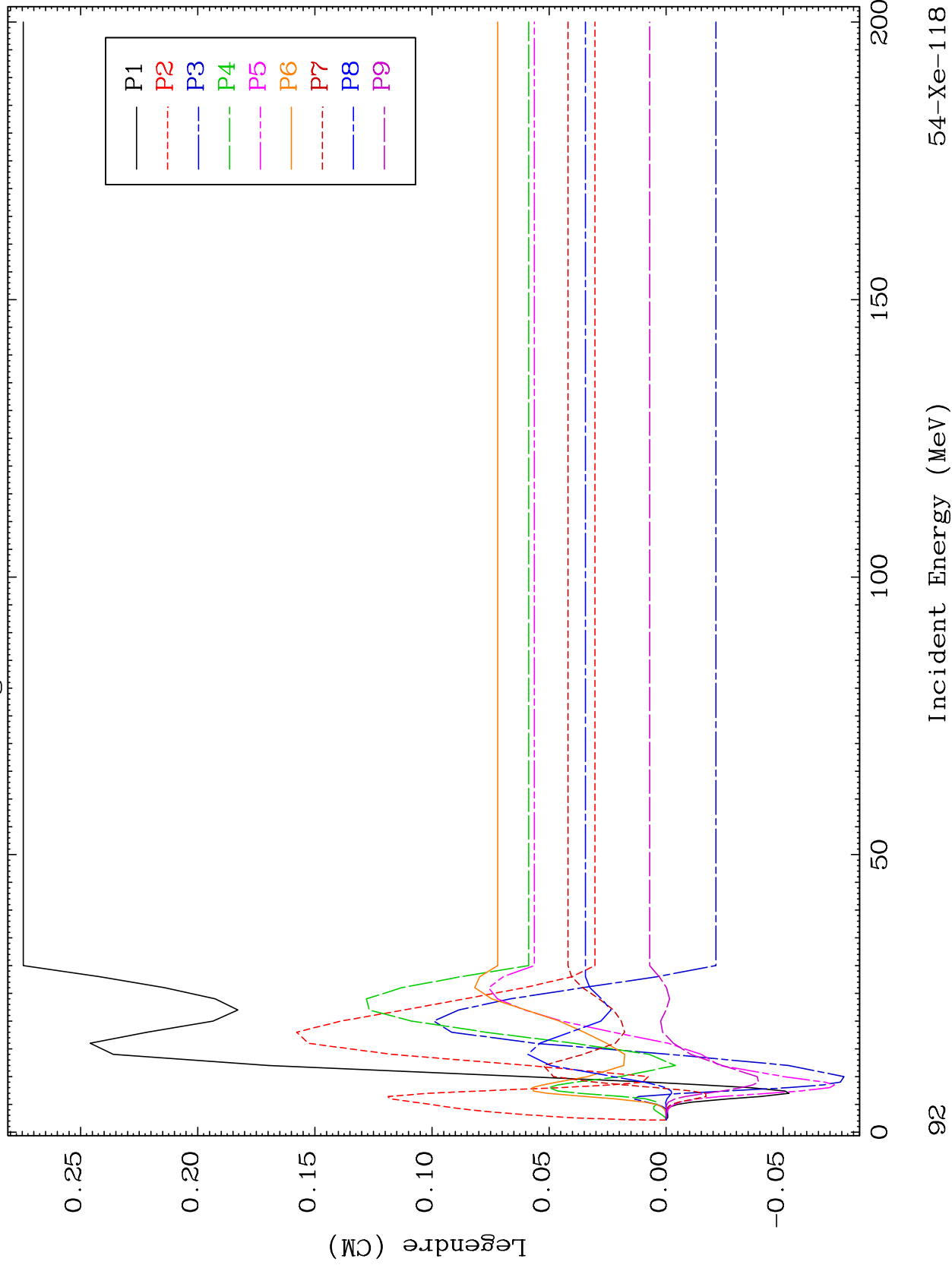




MAT 5407

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

54-Xe-118



54-Xe-118

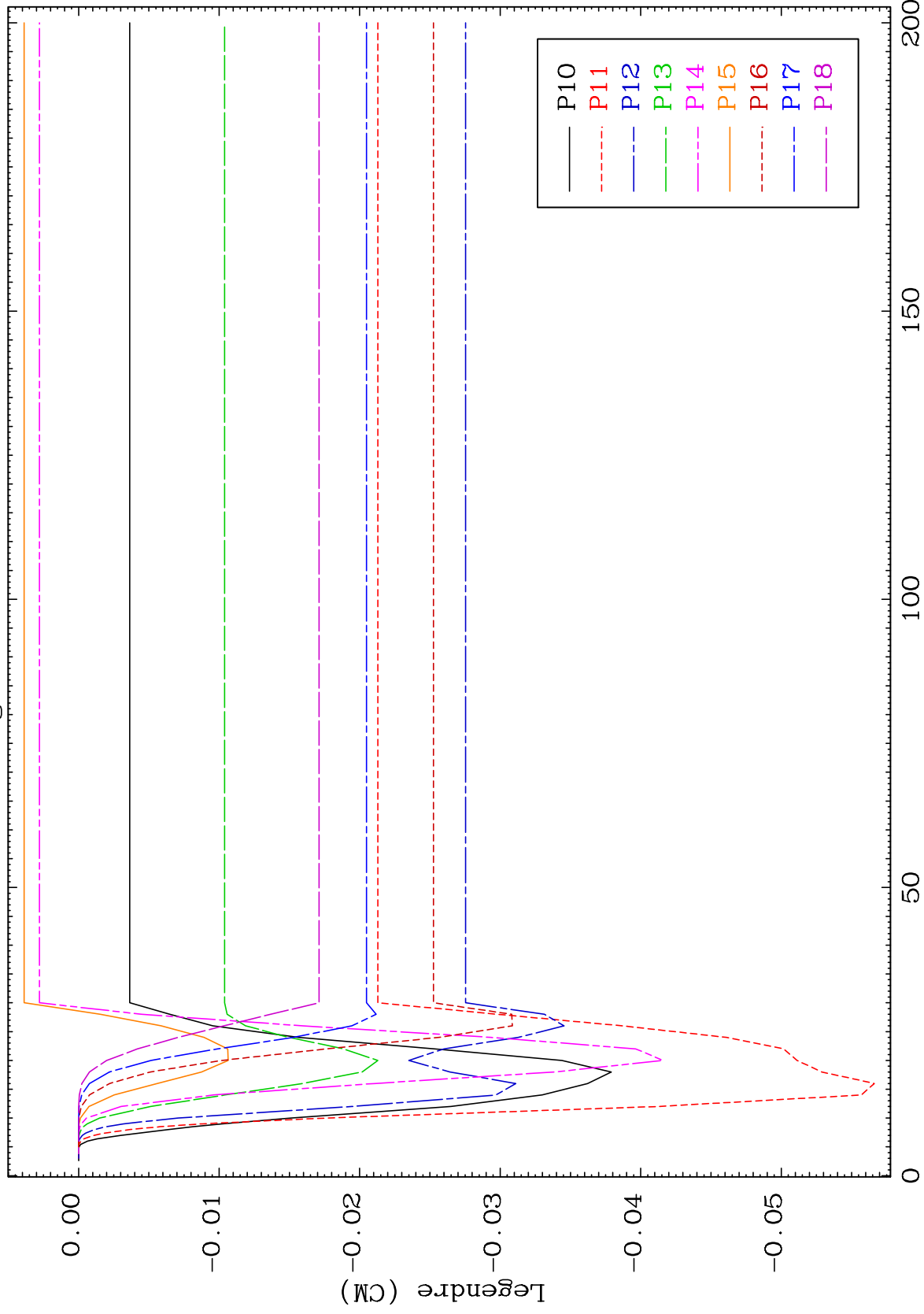
Incident Energy (MeV)

92

MAT 5407

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

54-Xe-118



93

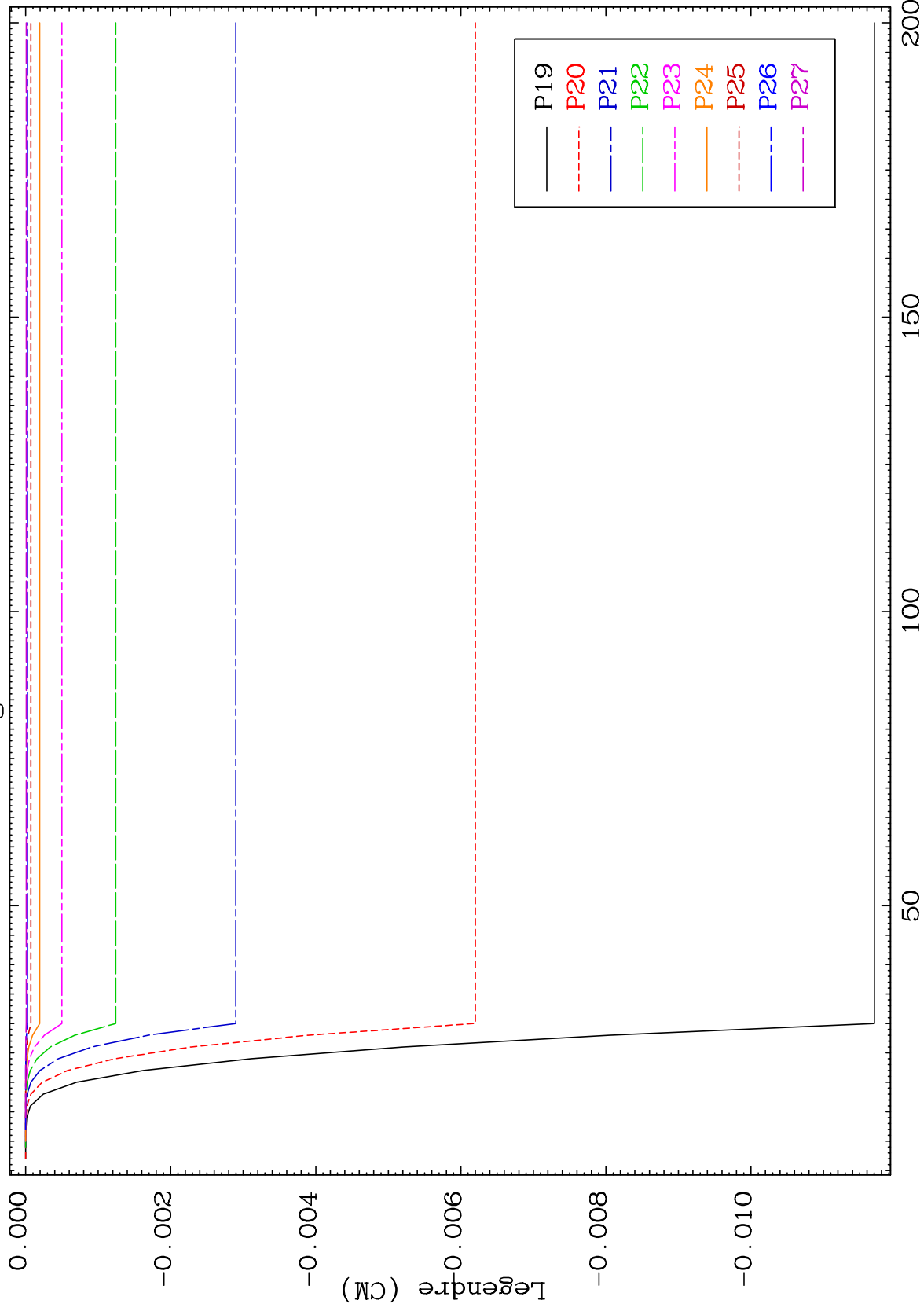
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

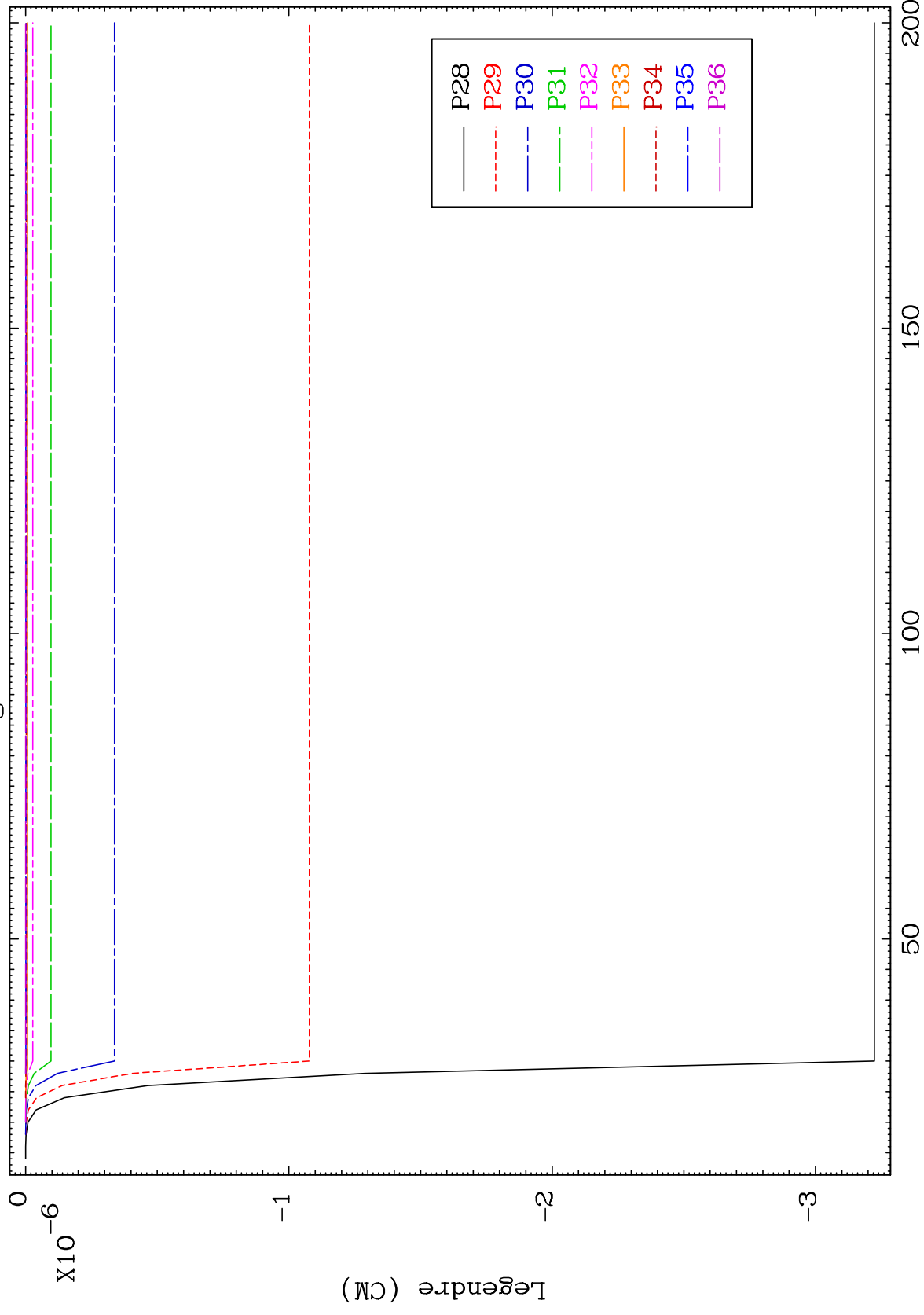
54-Xe-118



MAT 5407

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

54-Xe-118



95

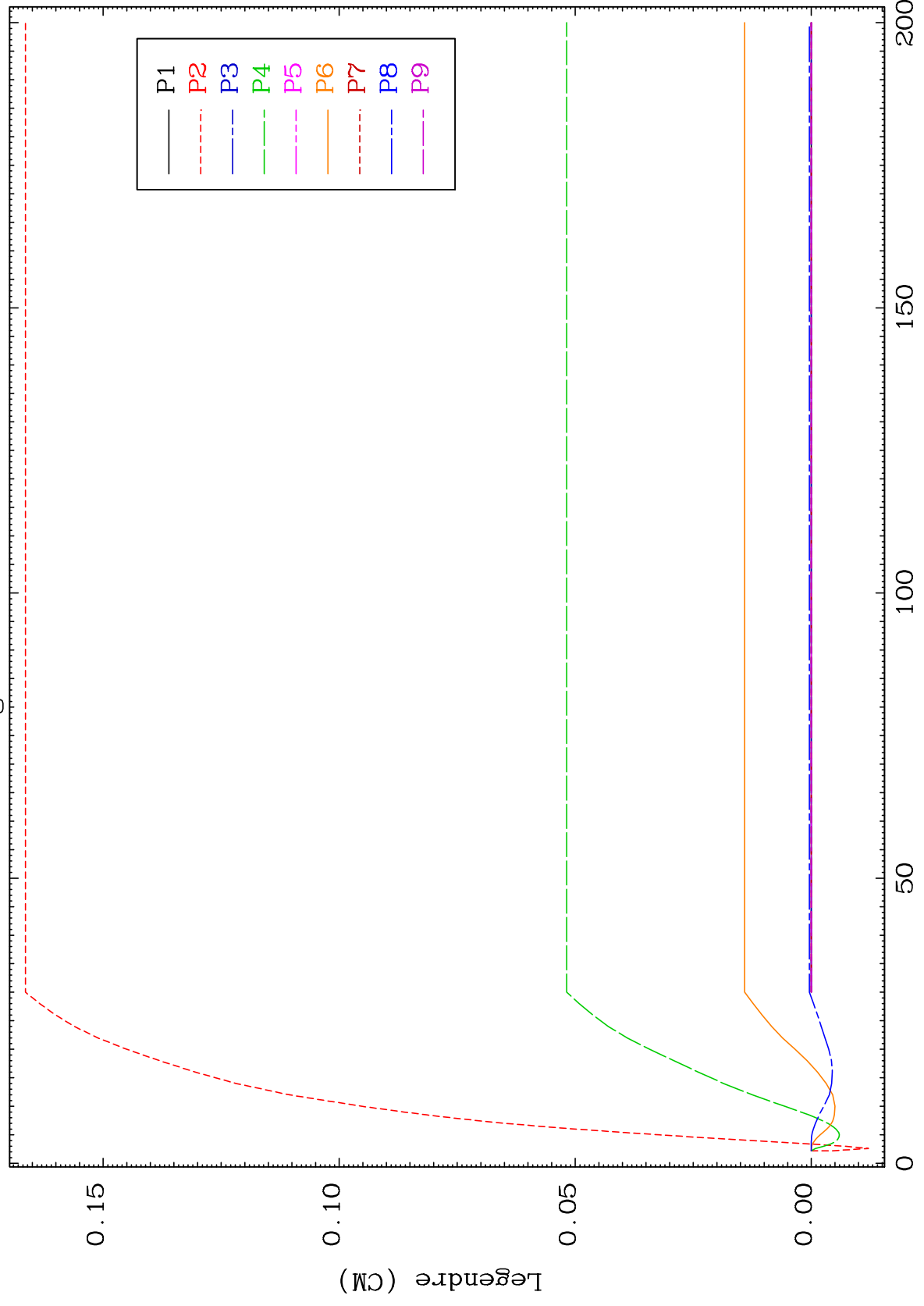
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



54-Xe-118

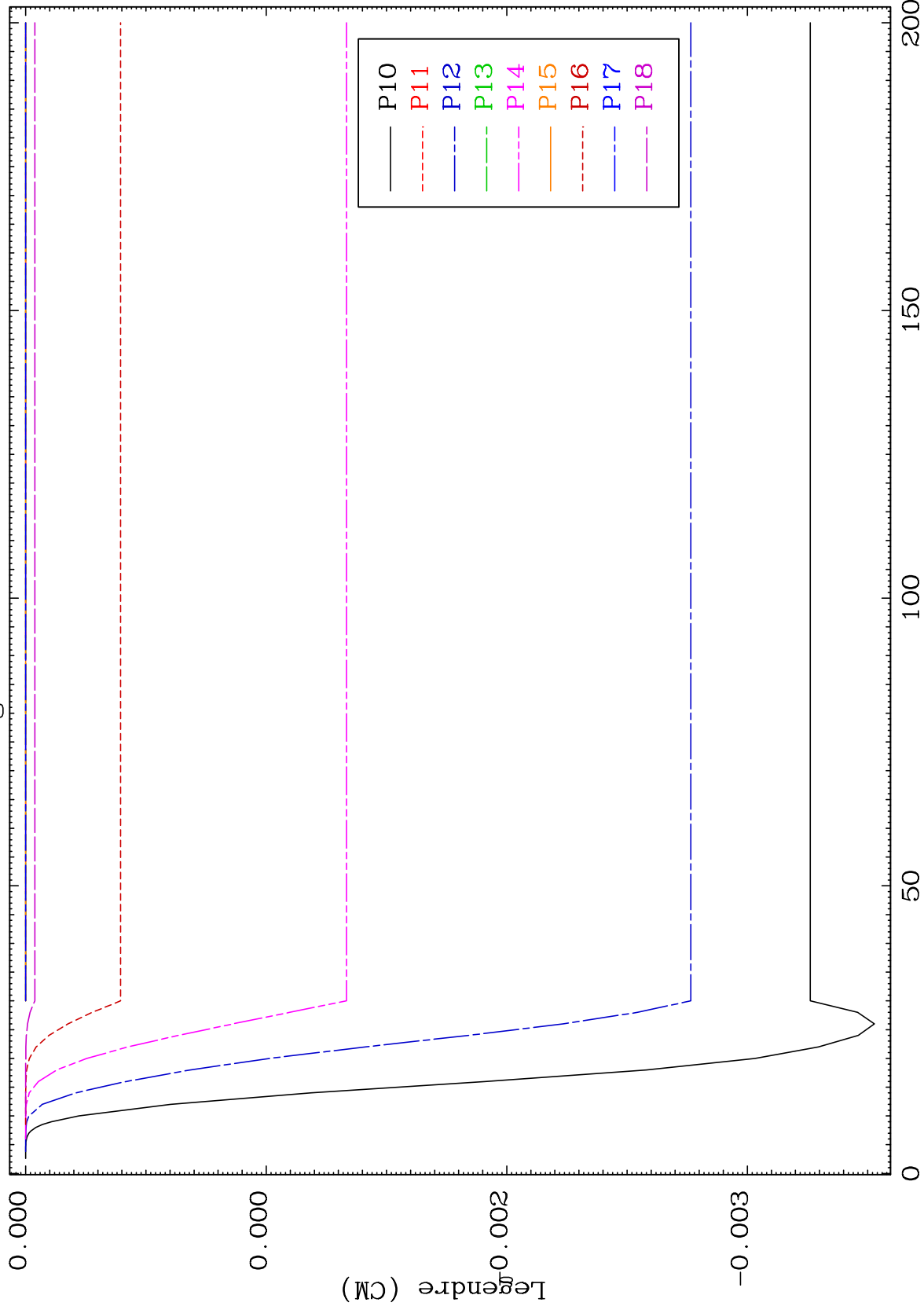
Incident Energy (MeV)

96

MAT 5407

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

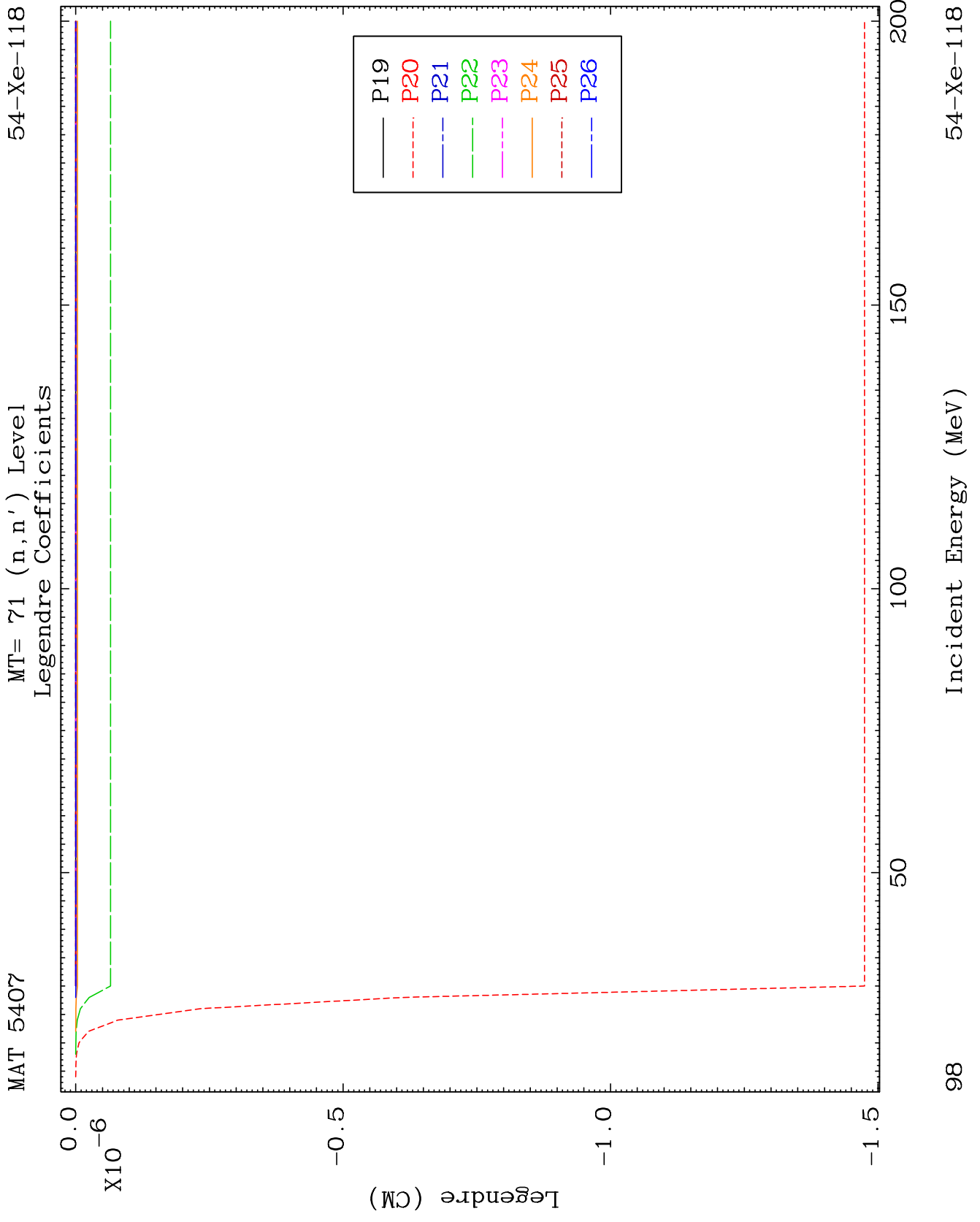
54-Xe-118



54-Xe-118

Incident Energy (MeV)

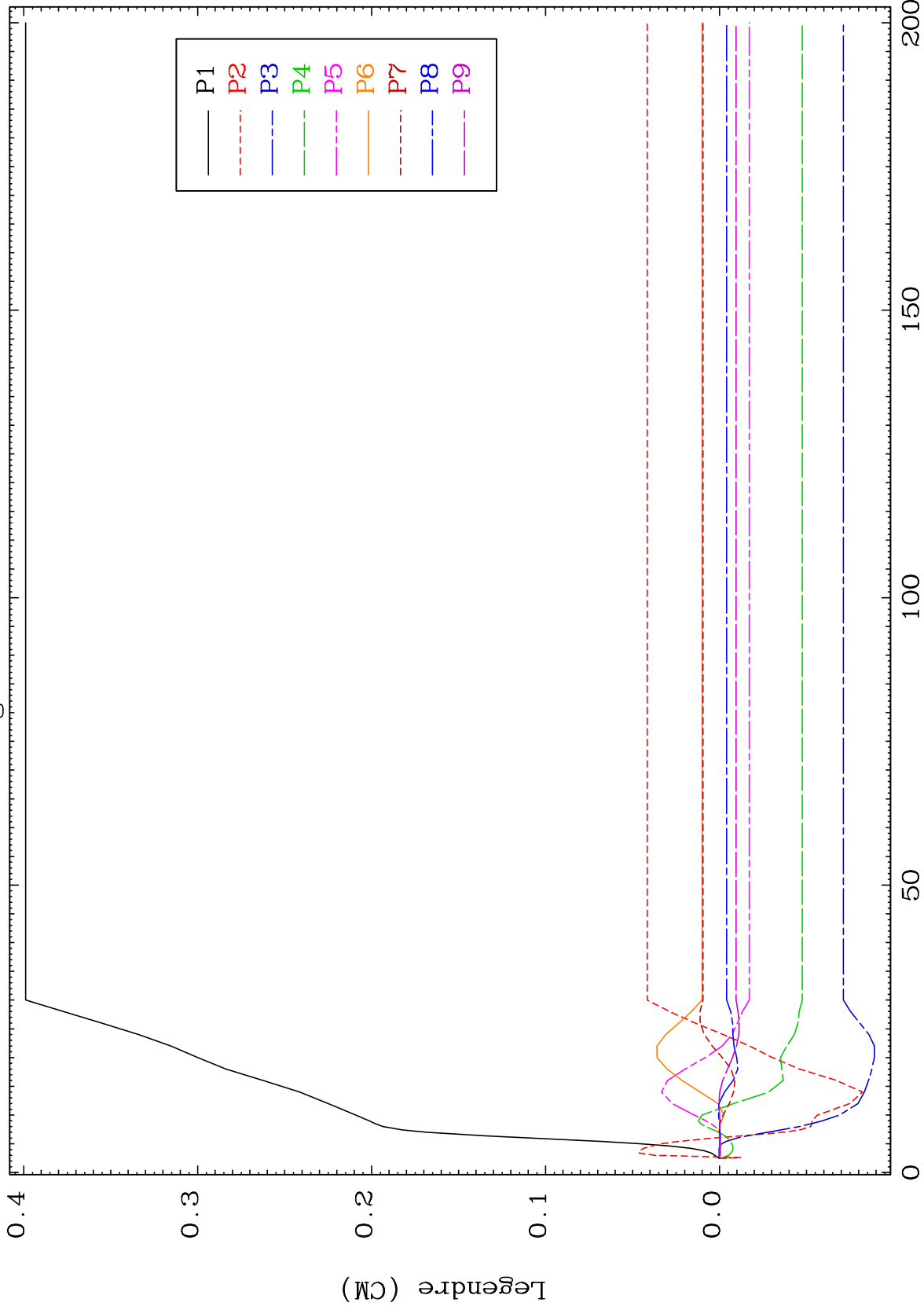
97



MAT 5407

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

54-Xe-118



99

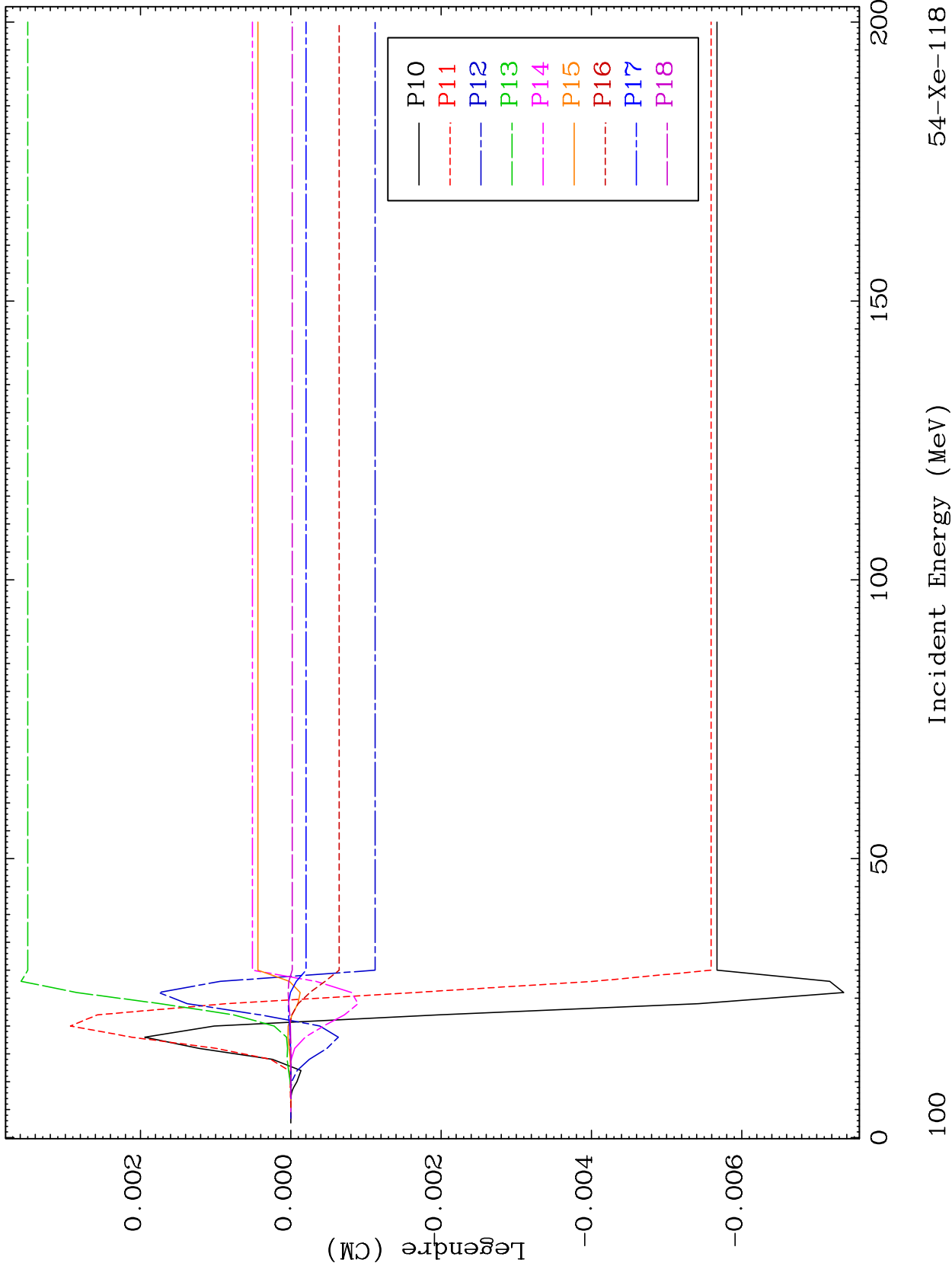
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



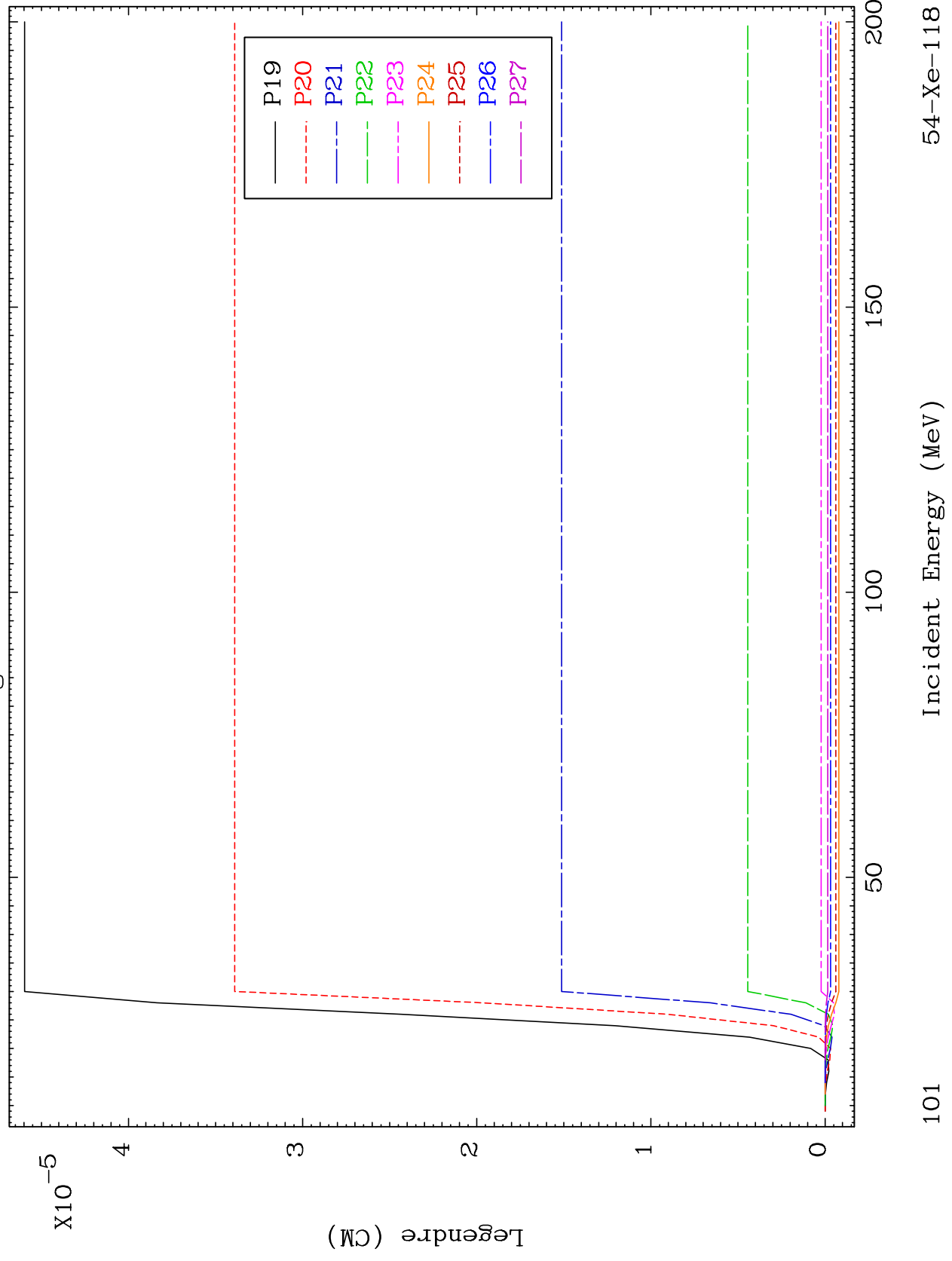
54-Xe-118

Incident Energy (MeV)

MAT 5407

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

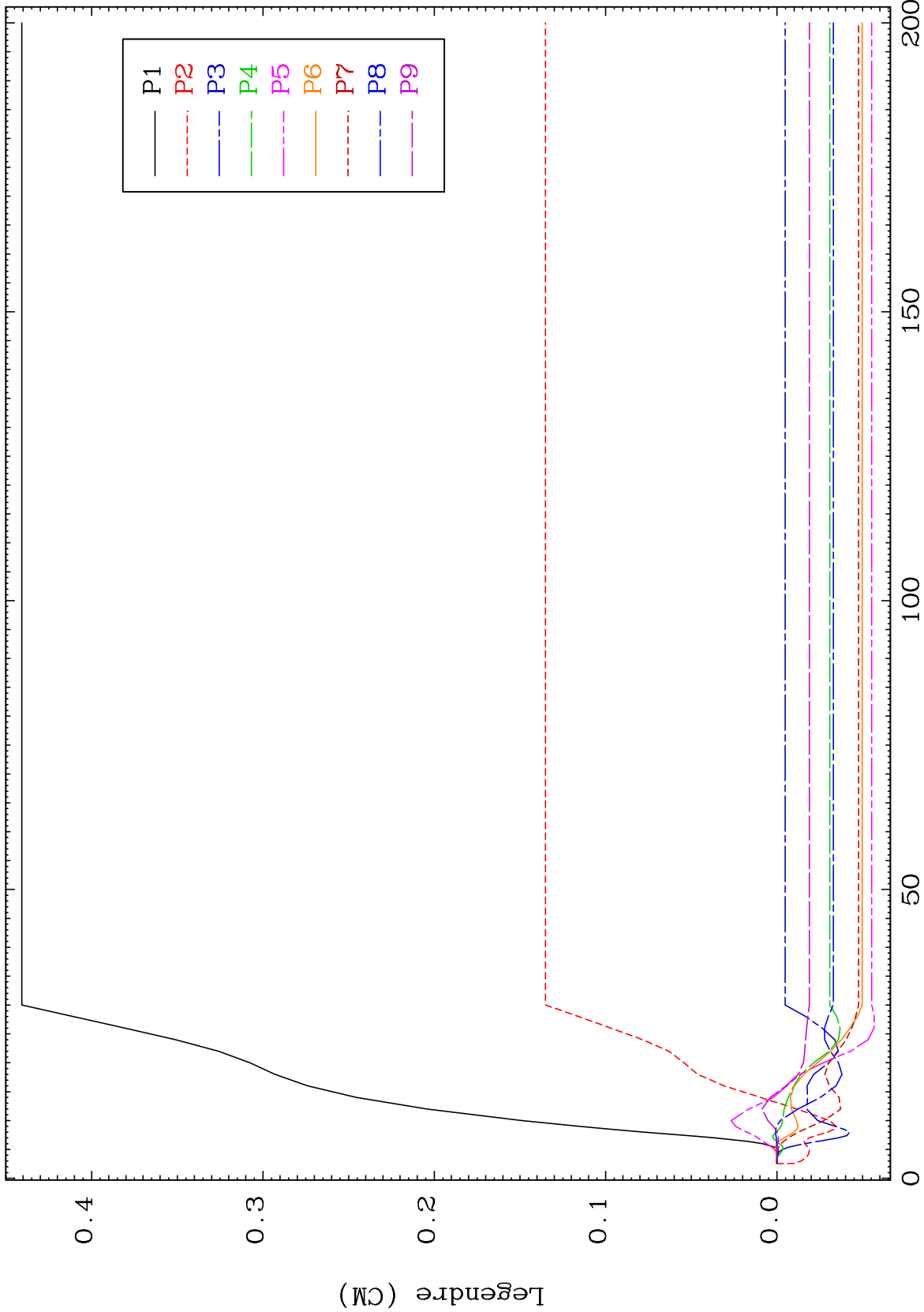
54-Xe-118



MAT 5407

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

54-Xe-118



103

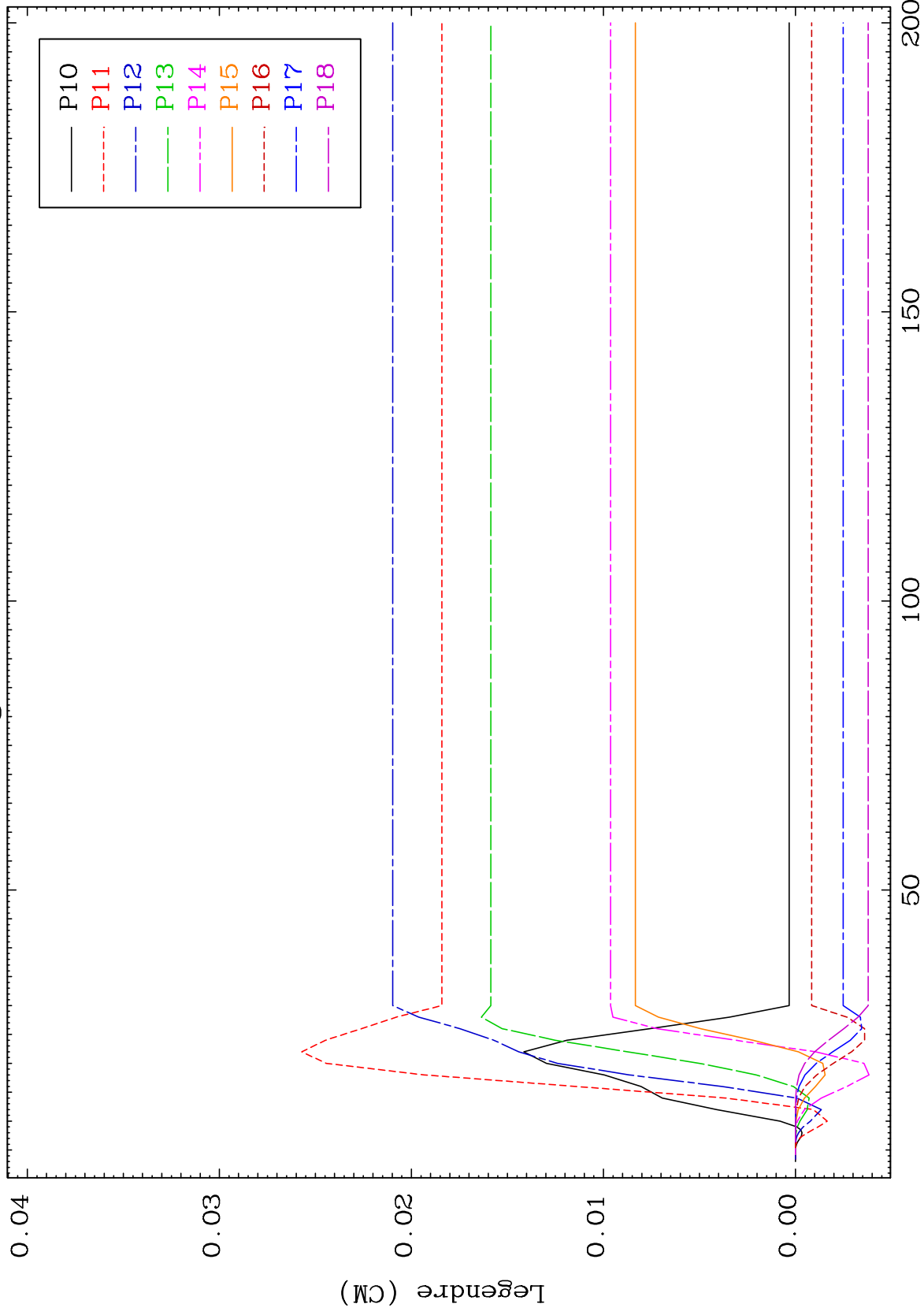
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

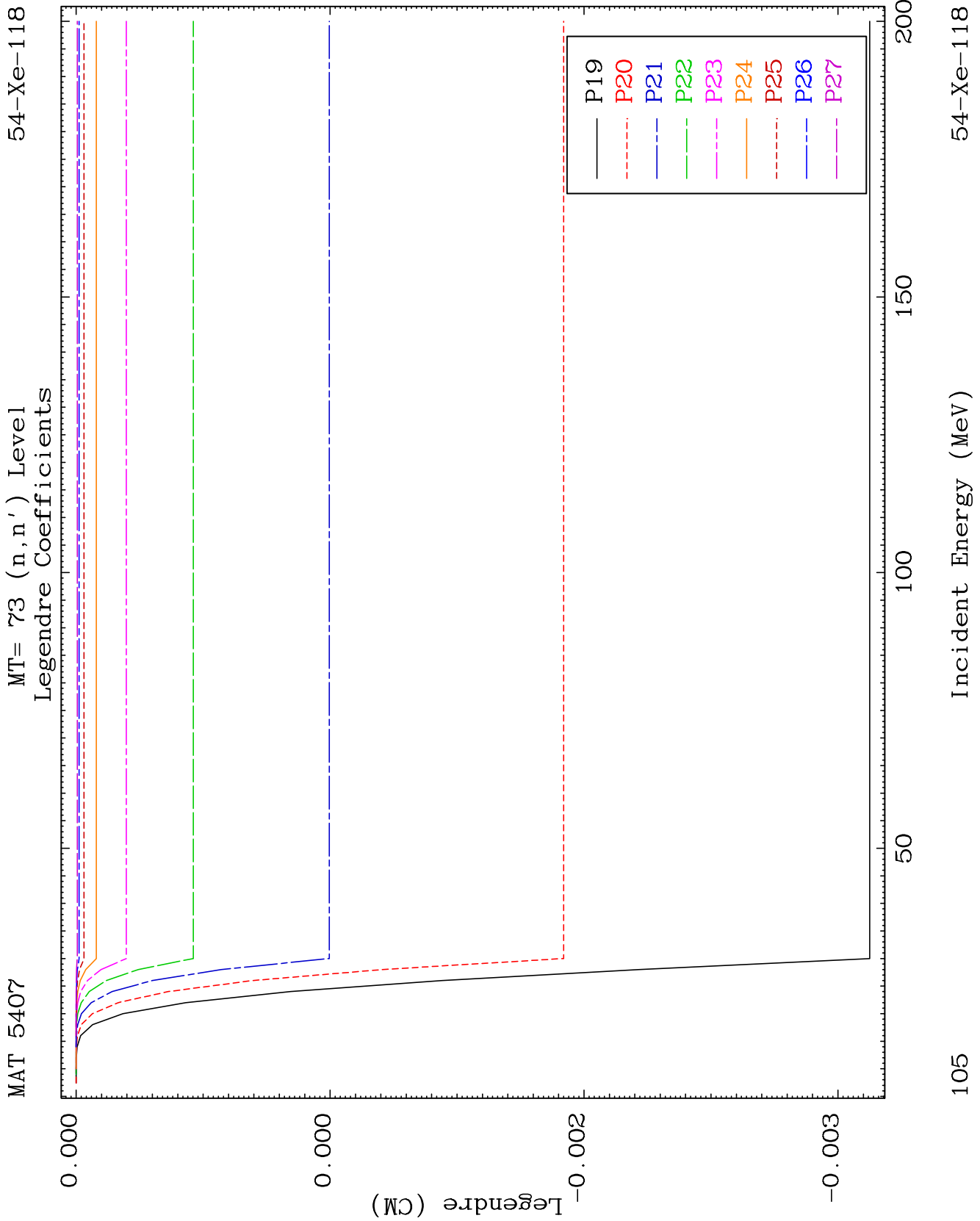
54-Xe-118

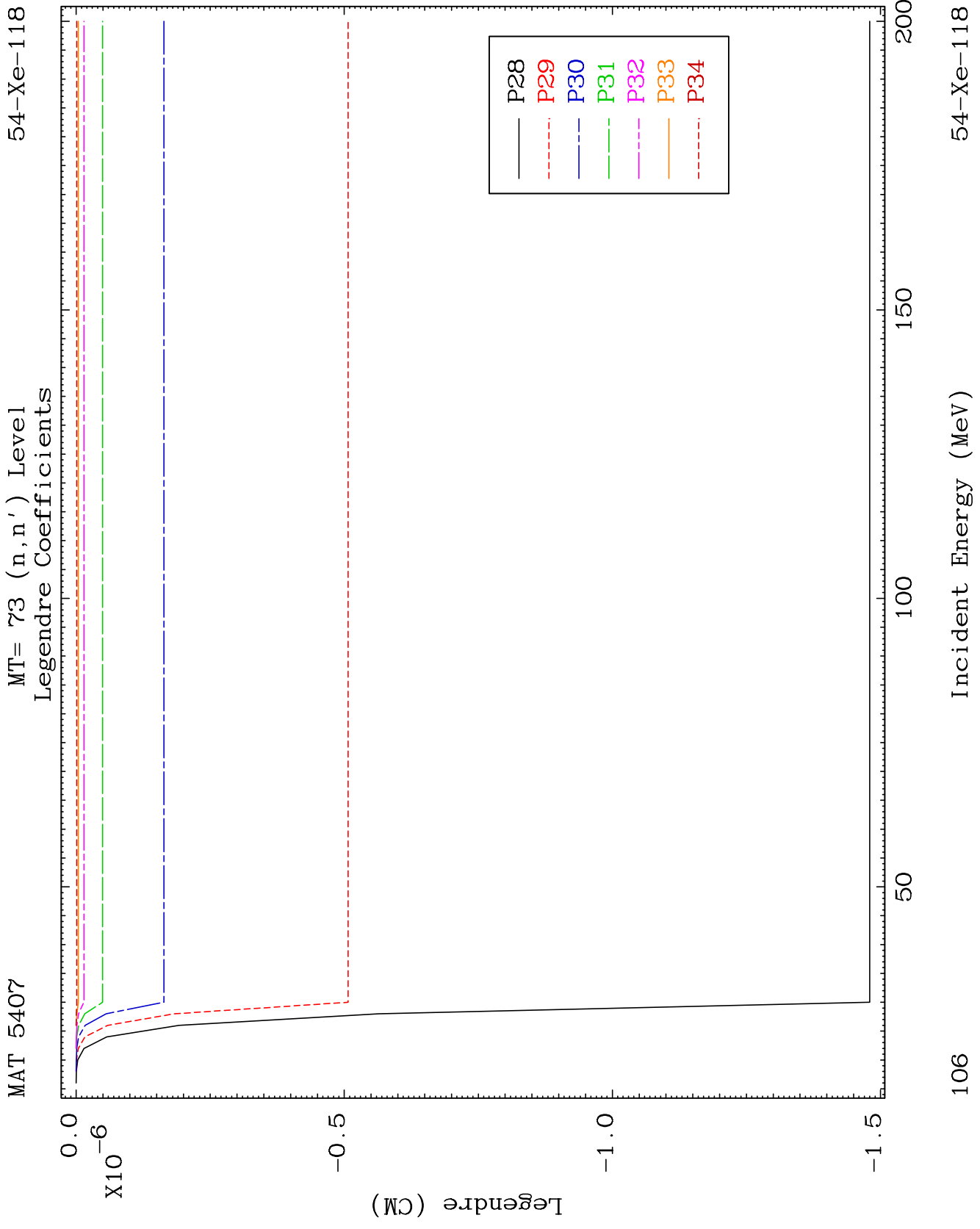


104

Incident Energy (MeV)

54-Xe-118

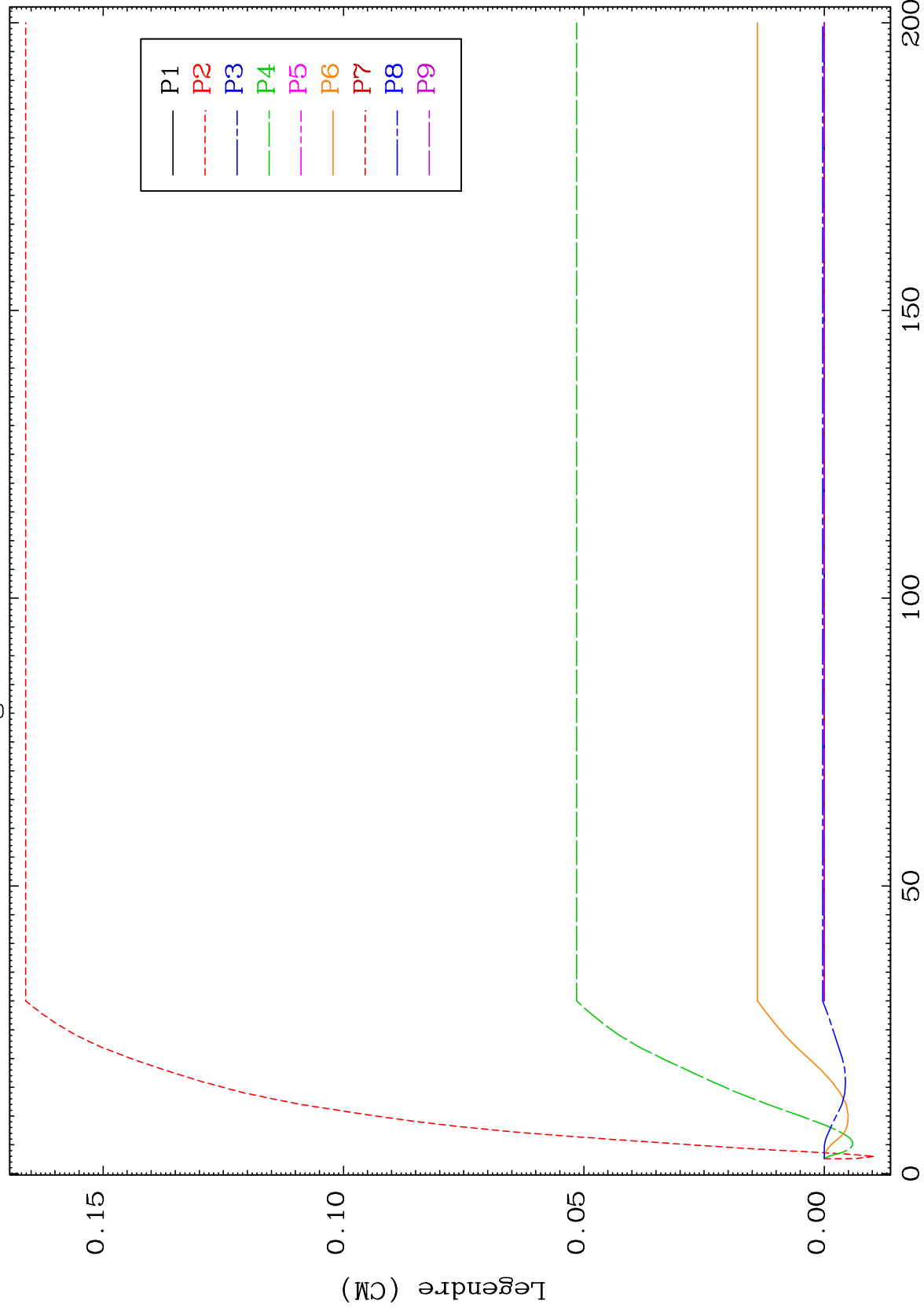




MAT 5407

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

54-Xe-118



107

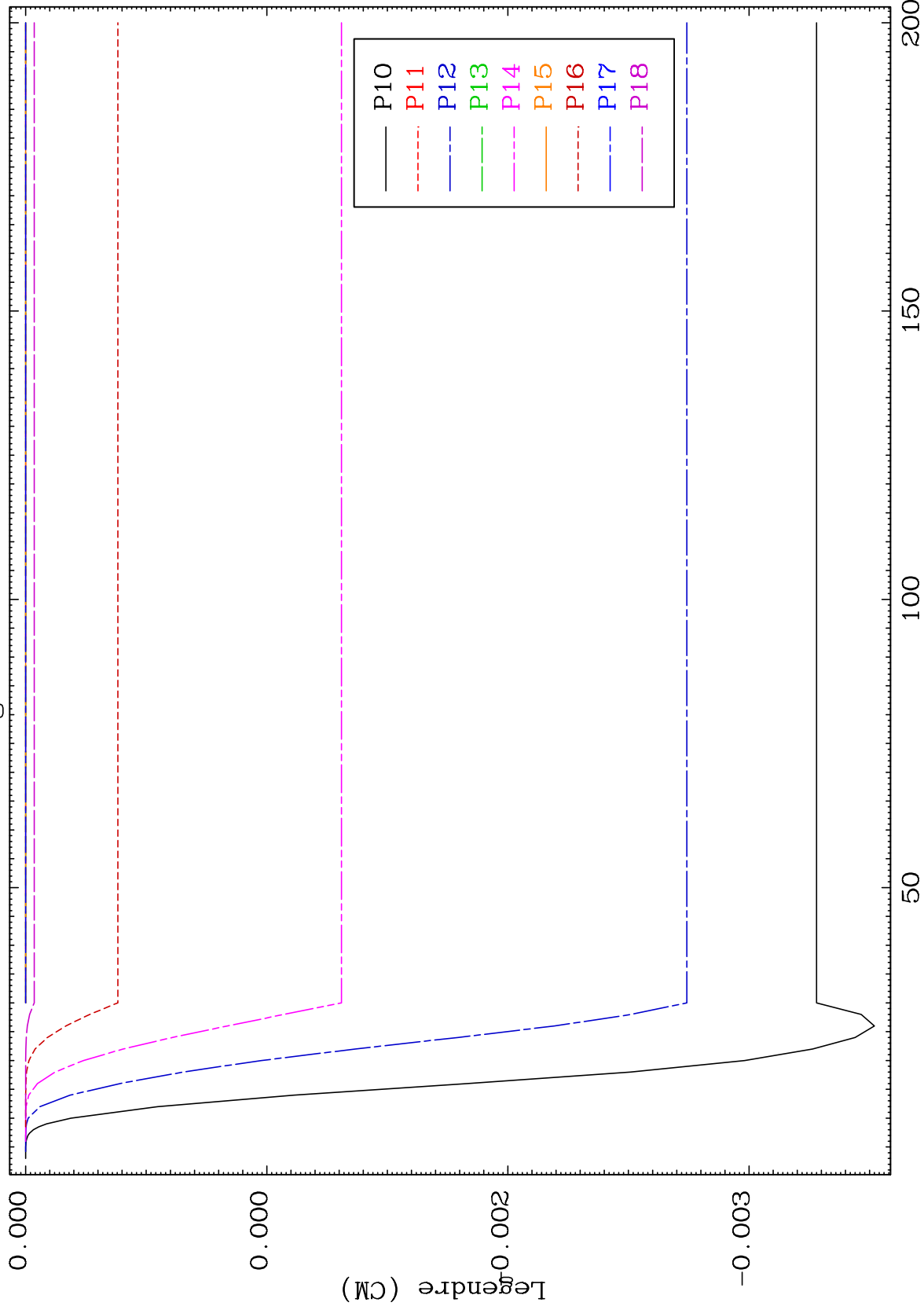
Incident Energy (MeV)

54-Xe-118

MAT 5407

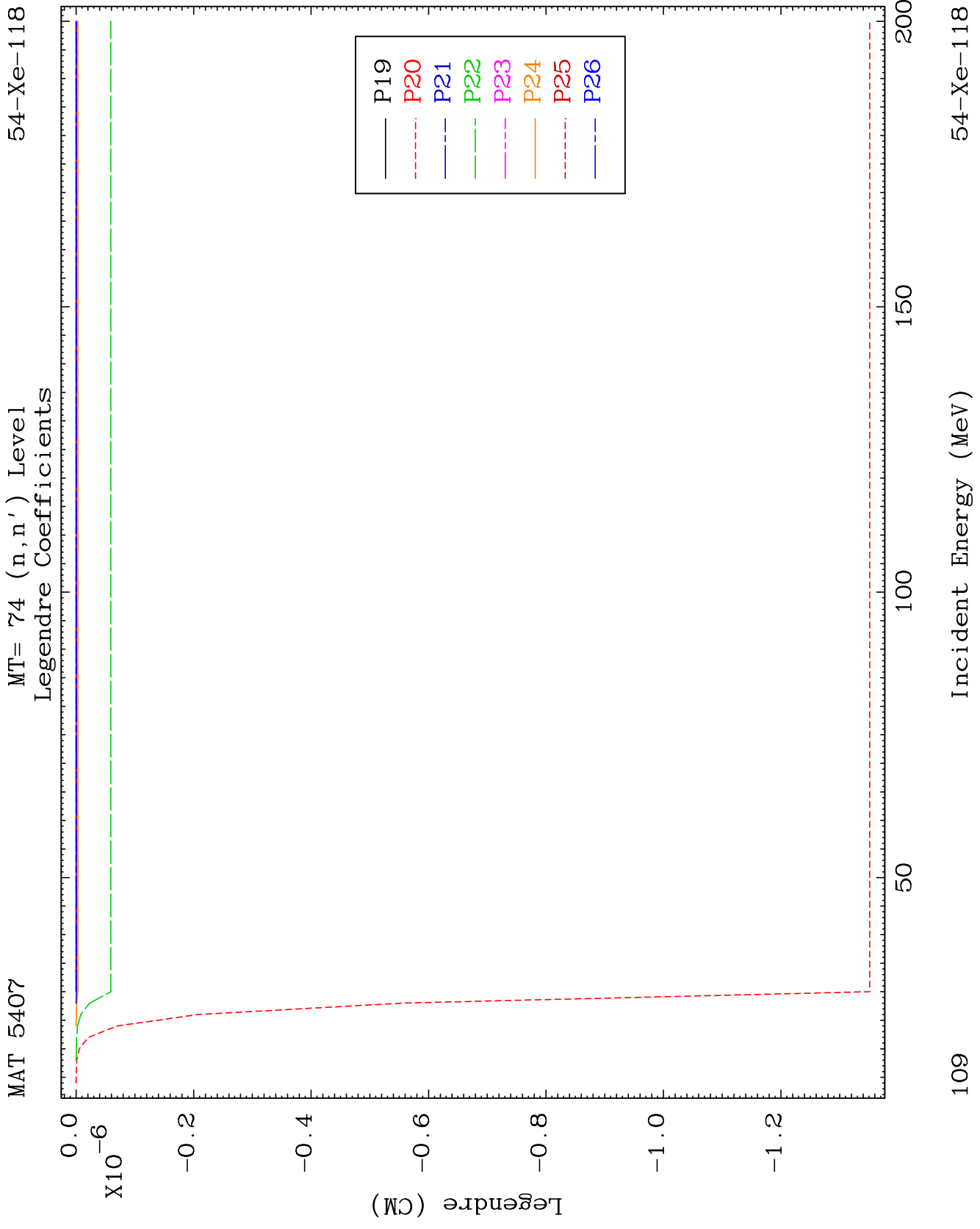
MT= 74 (n,n') Level
Legendre Coefficients

54-Xe-118



108

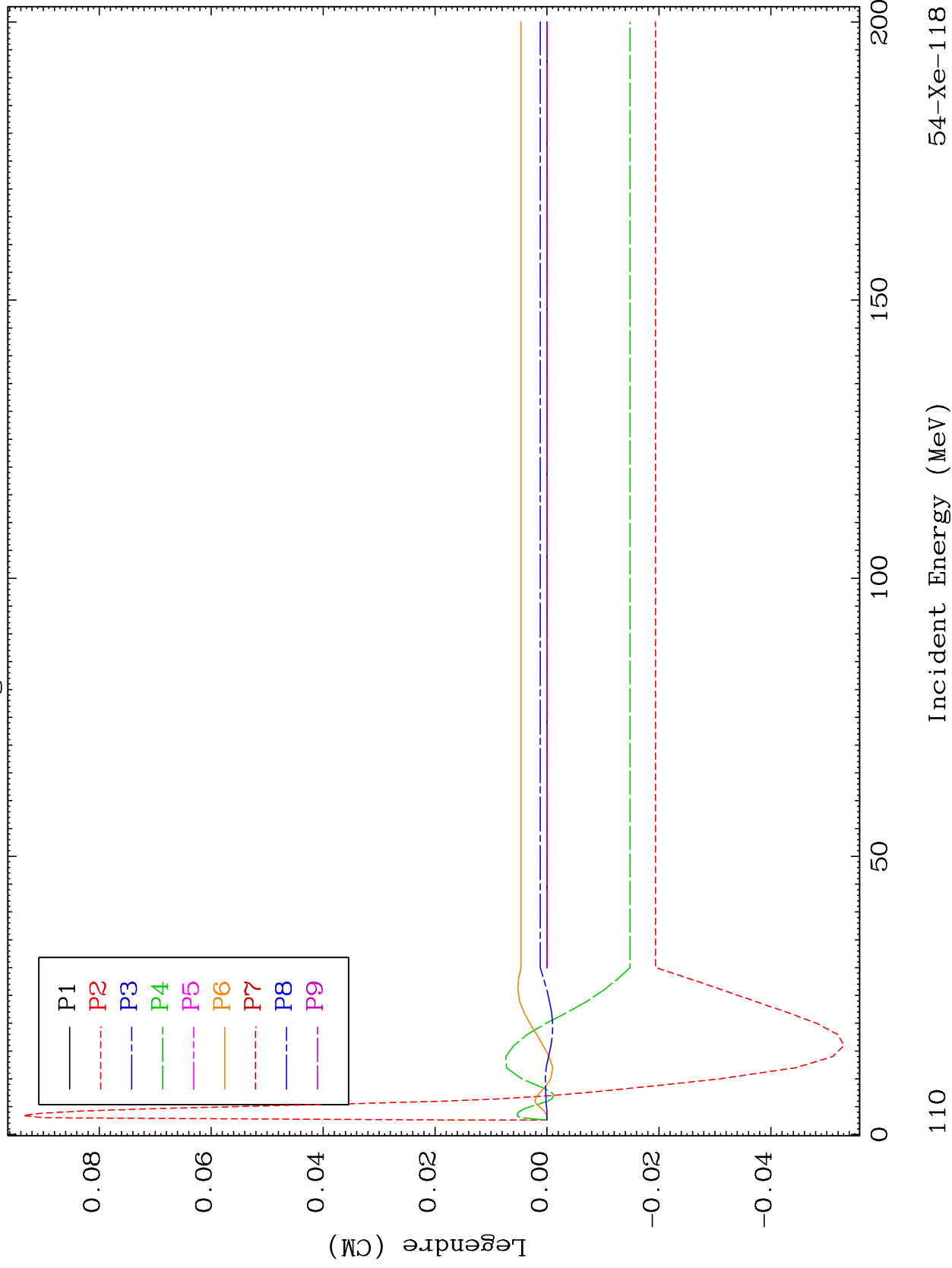
54-Xe-118



MAT 5407

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

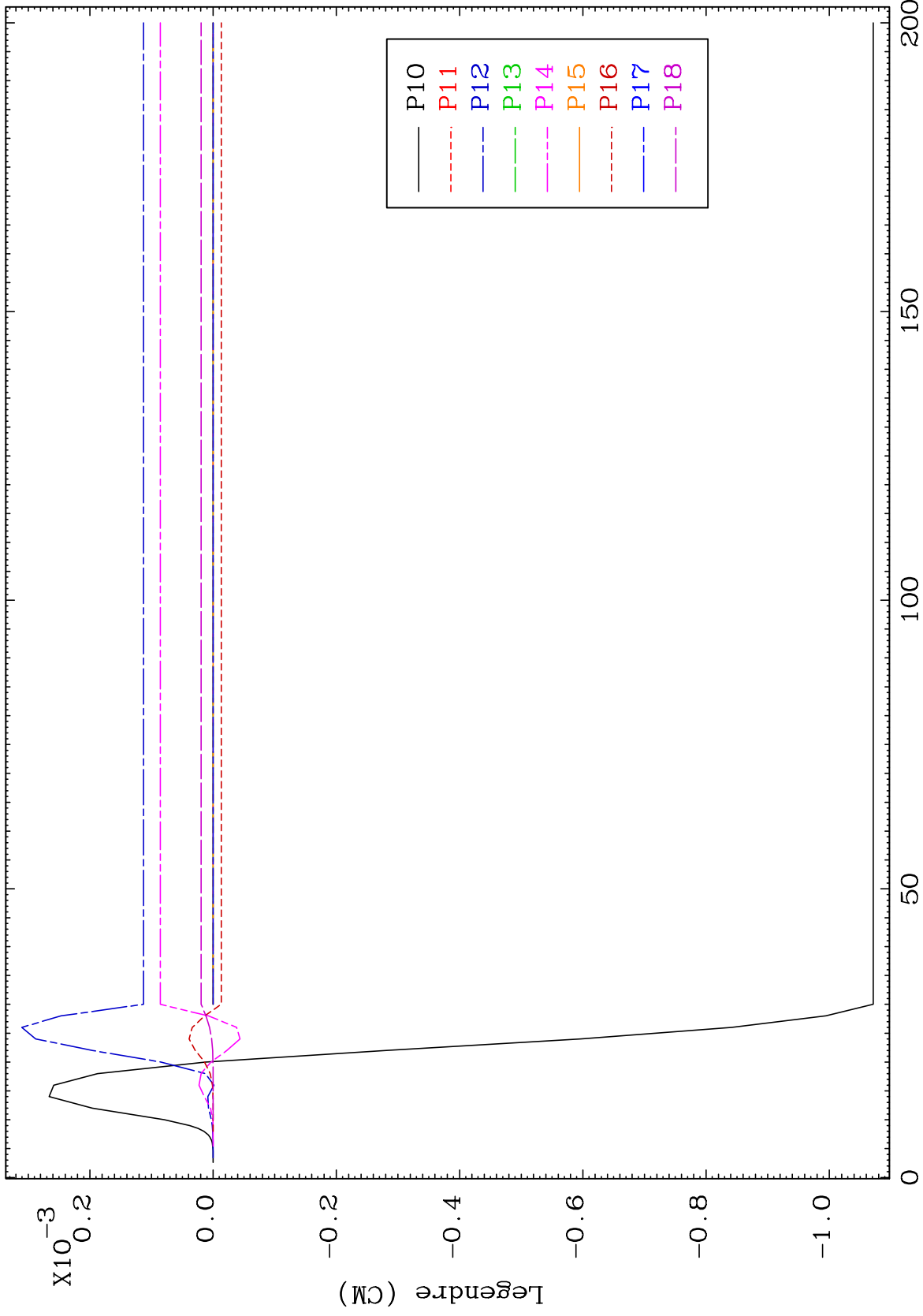
54-Xe-118



MAT 5407

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

54-Xe-118



111

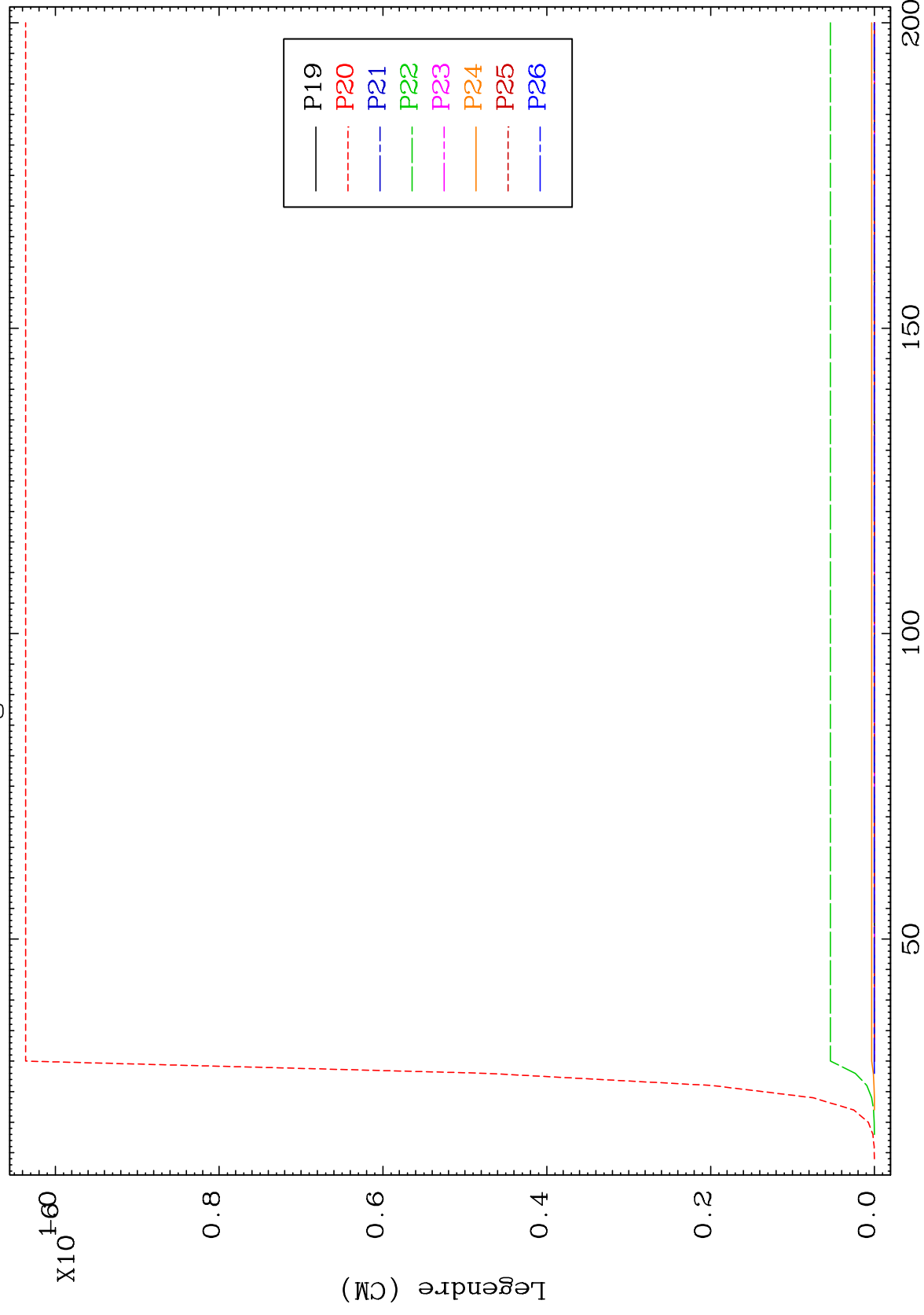
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



112

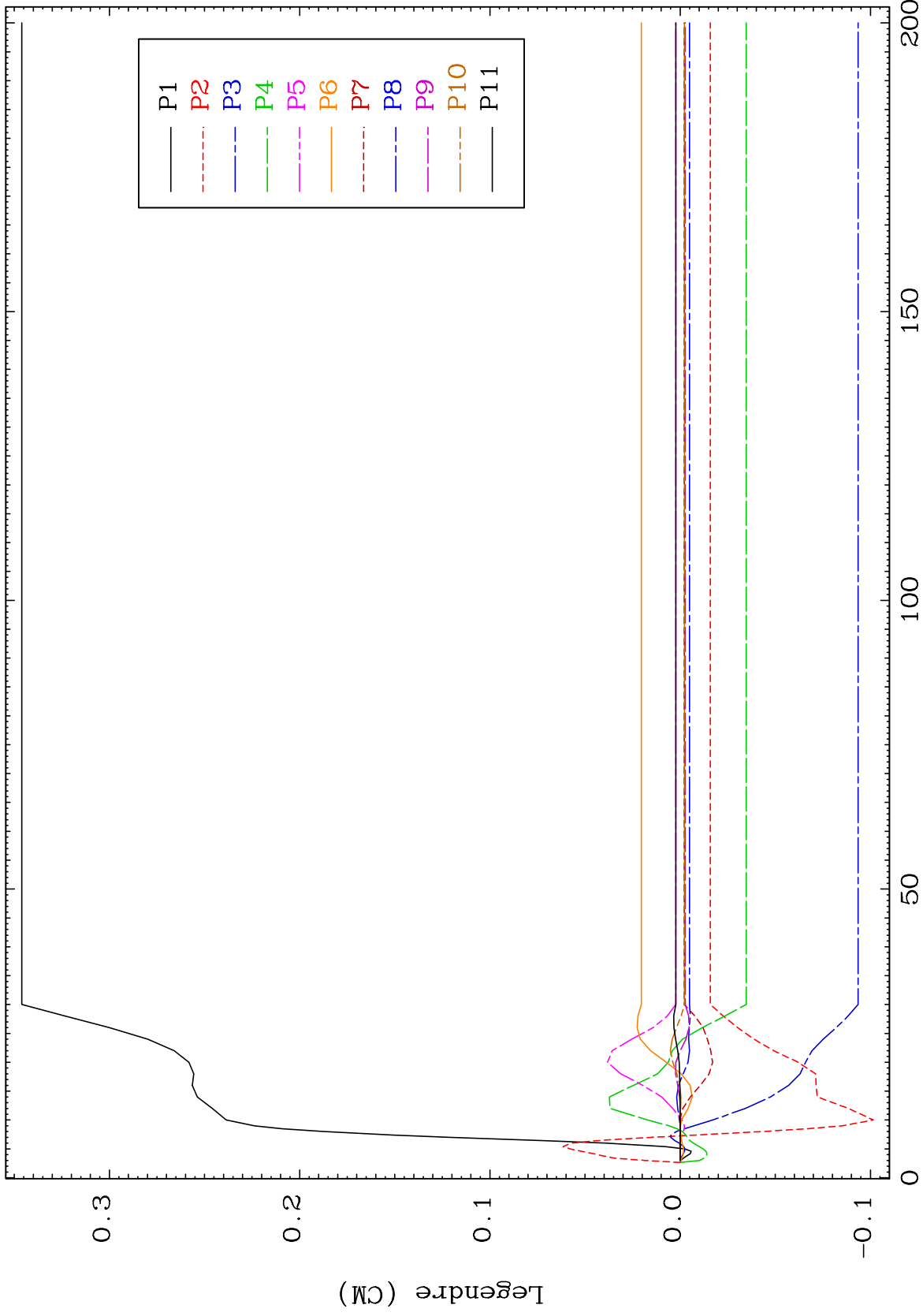
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



113

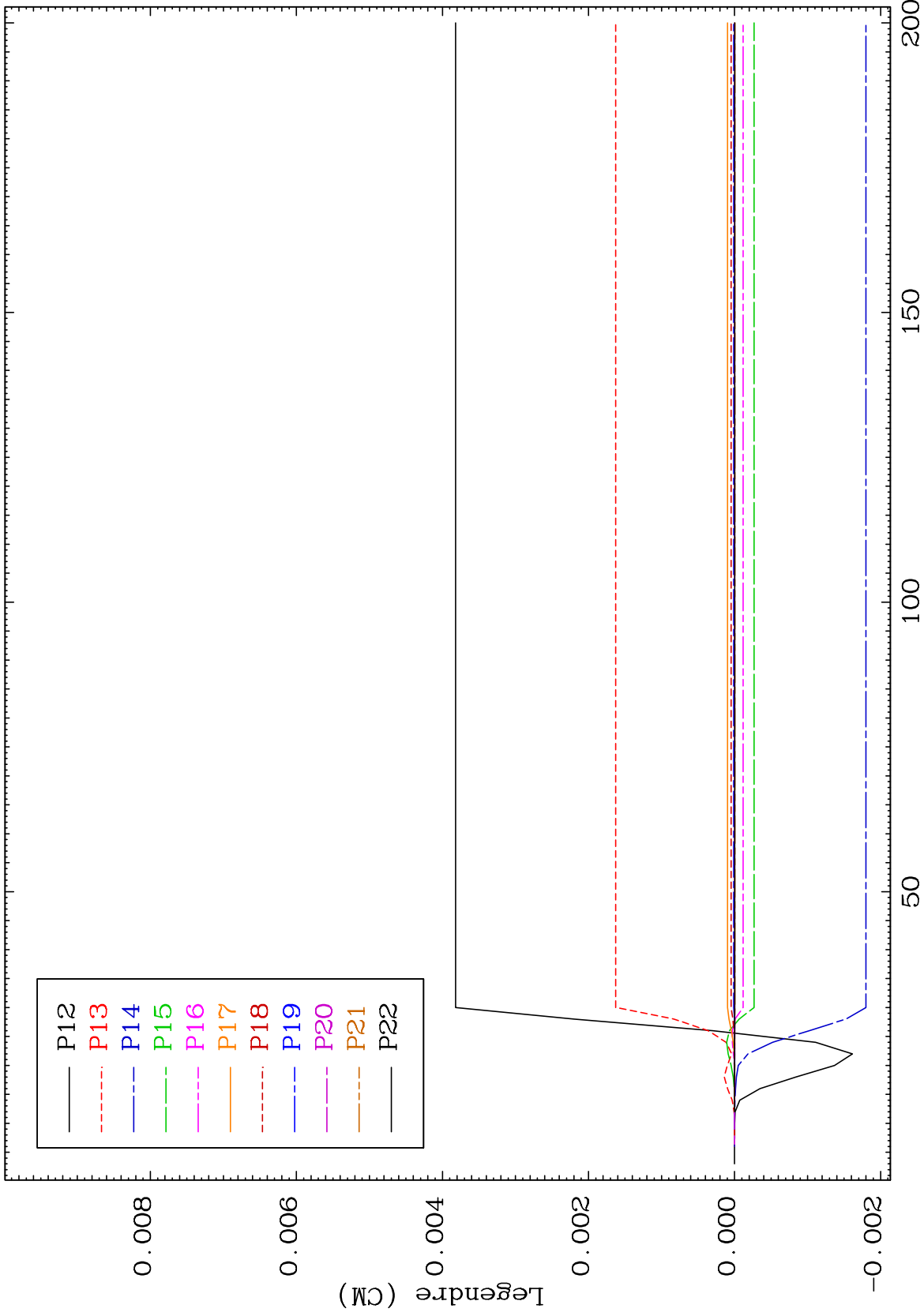
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

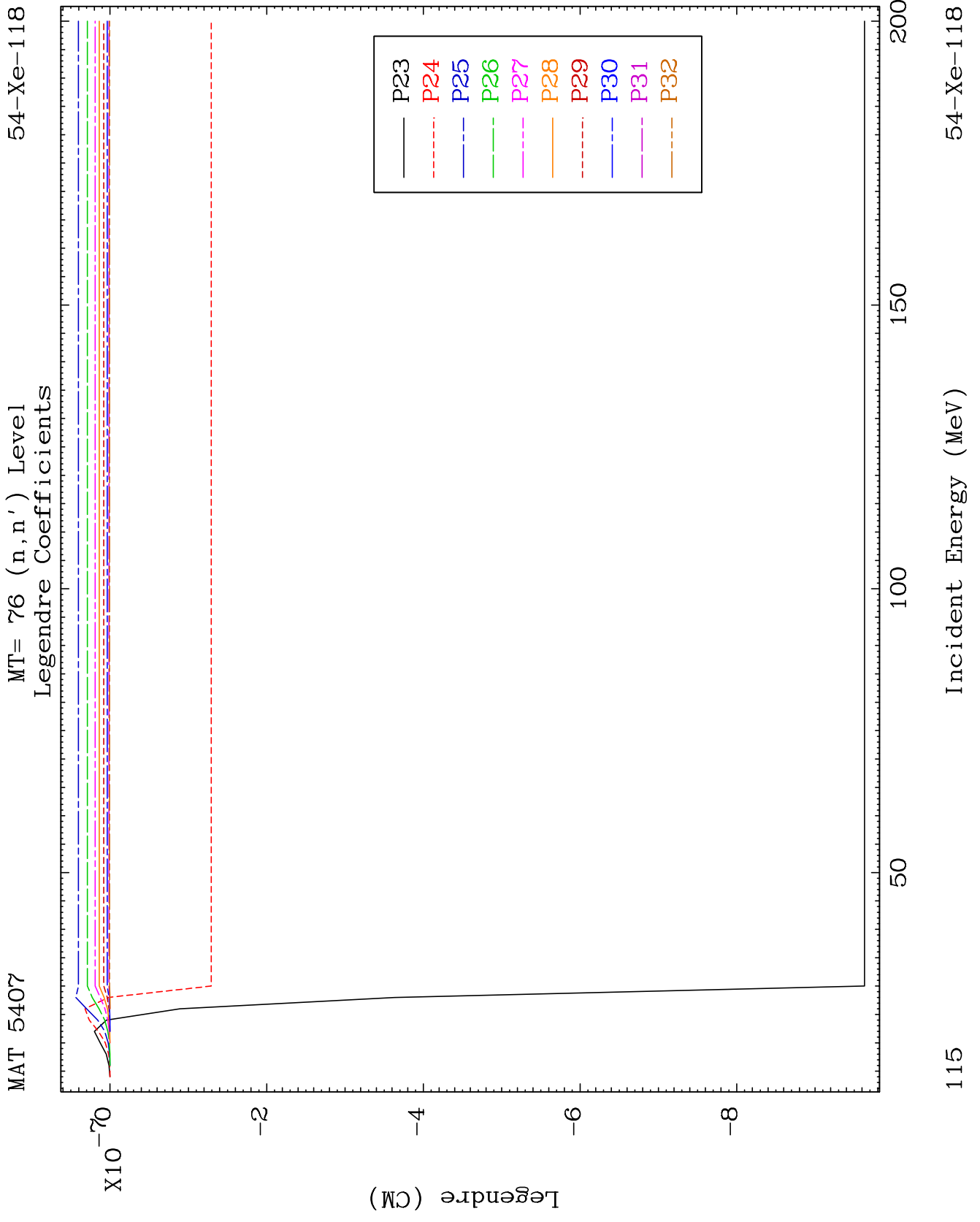
54-Xe-118



114

Incident Energy (MeV)

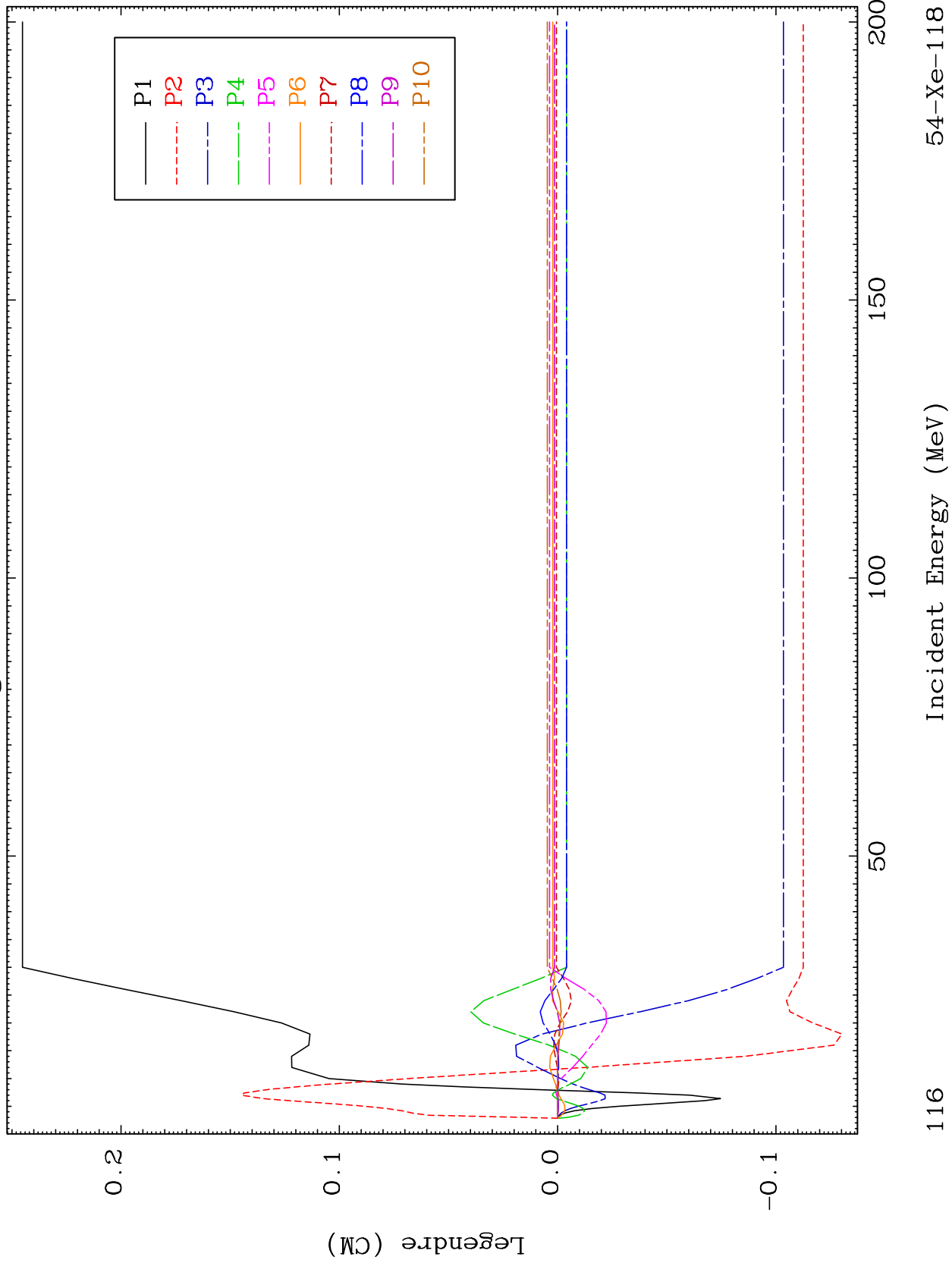
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

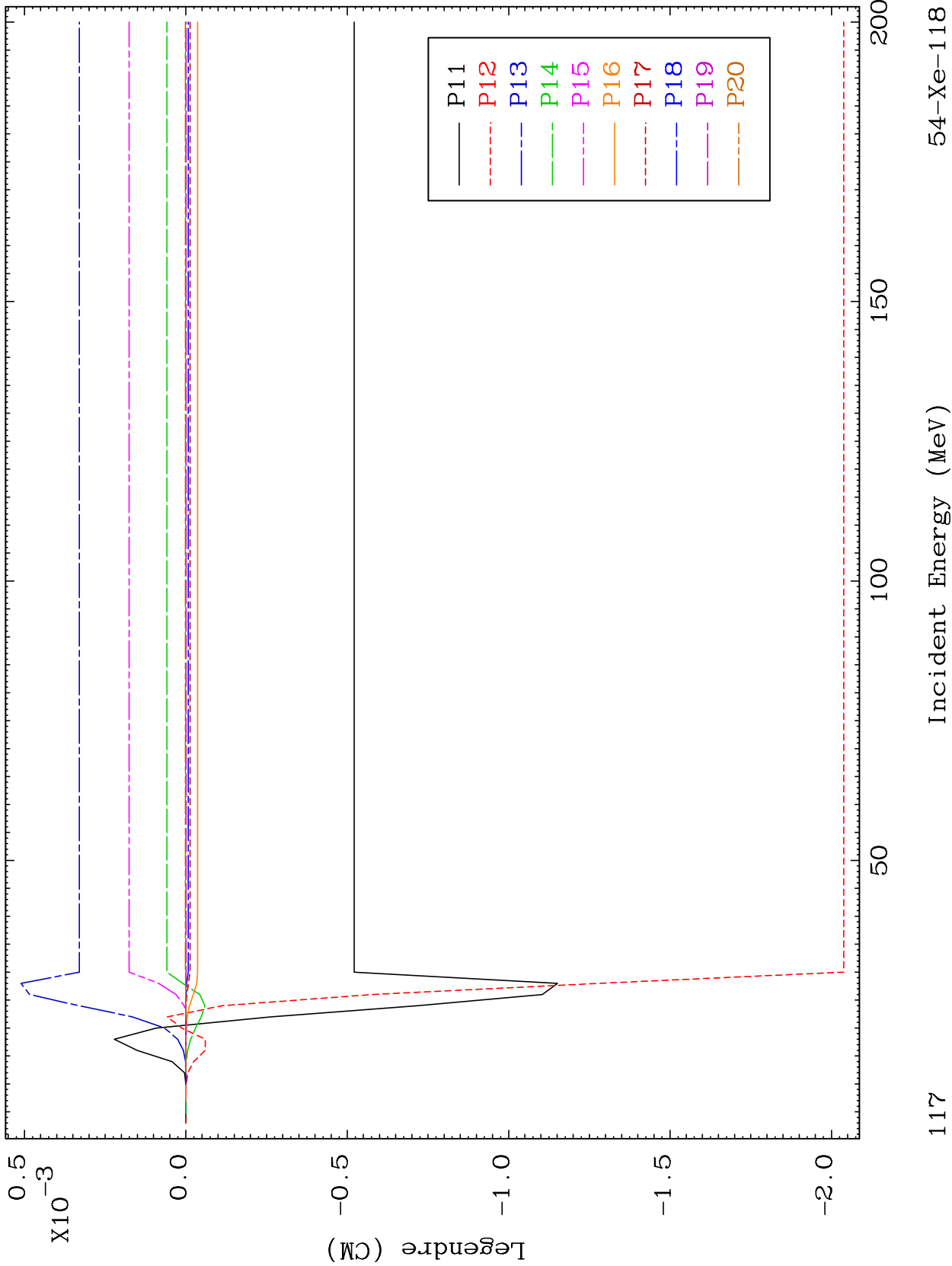
Incident Energy (MeV)

116

MAT 5407

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

54-Xe-118



117

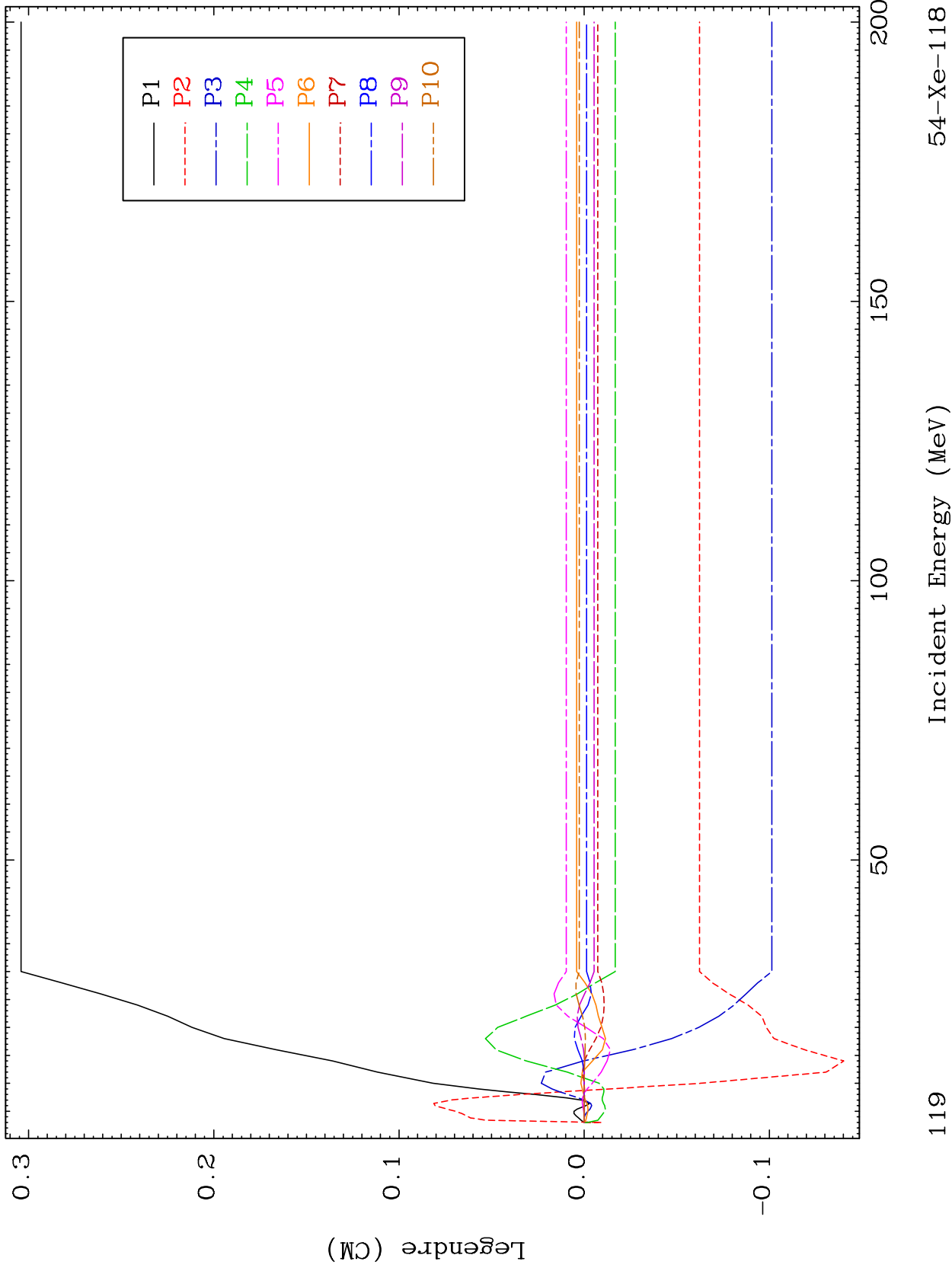
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



54-Xe-118

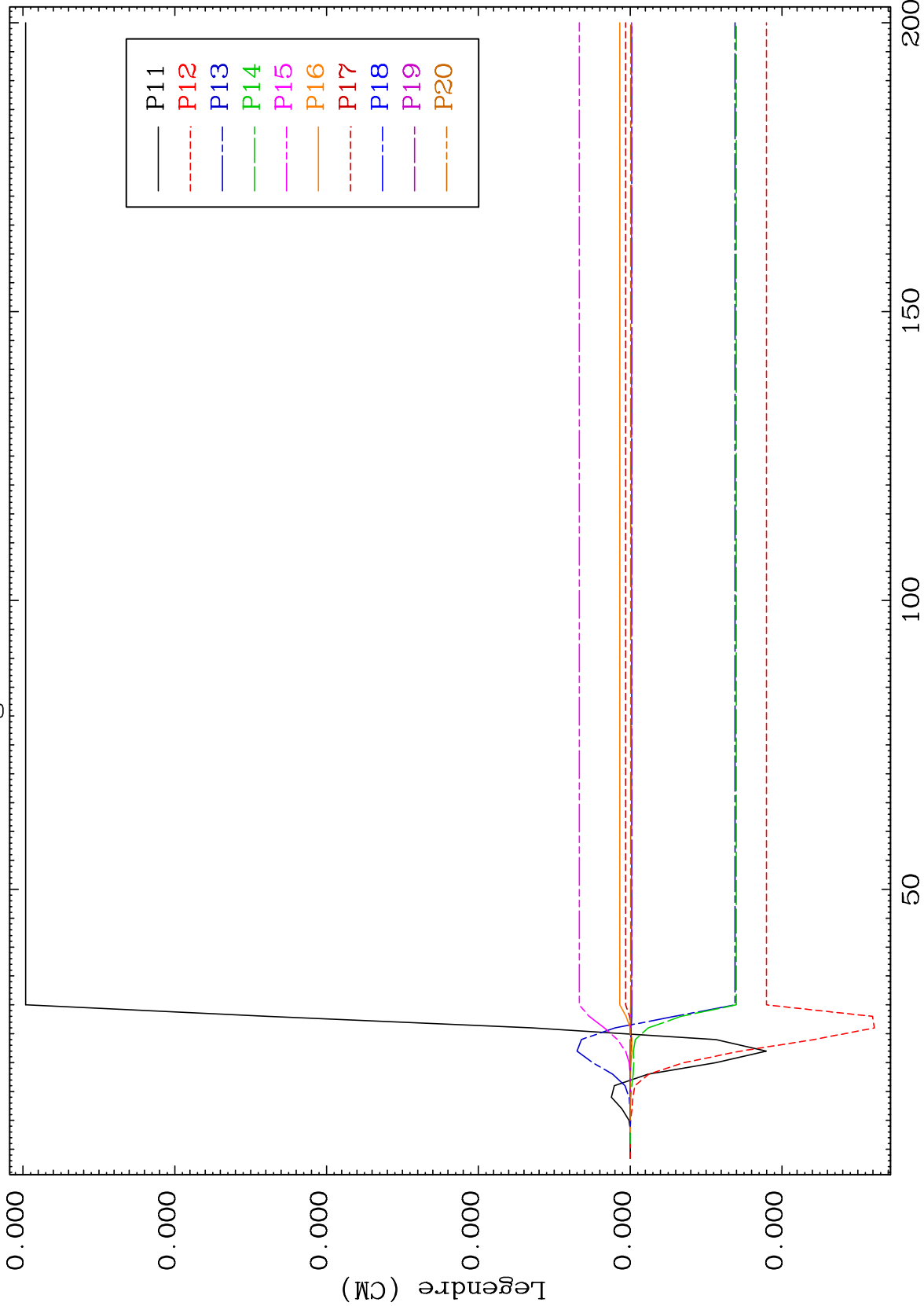
Incident Energy (MeV)

119

MAT 5407

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

54-Xe-118



120

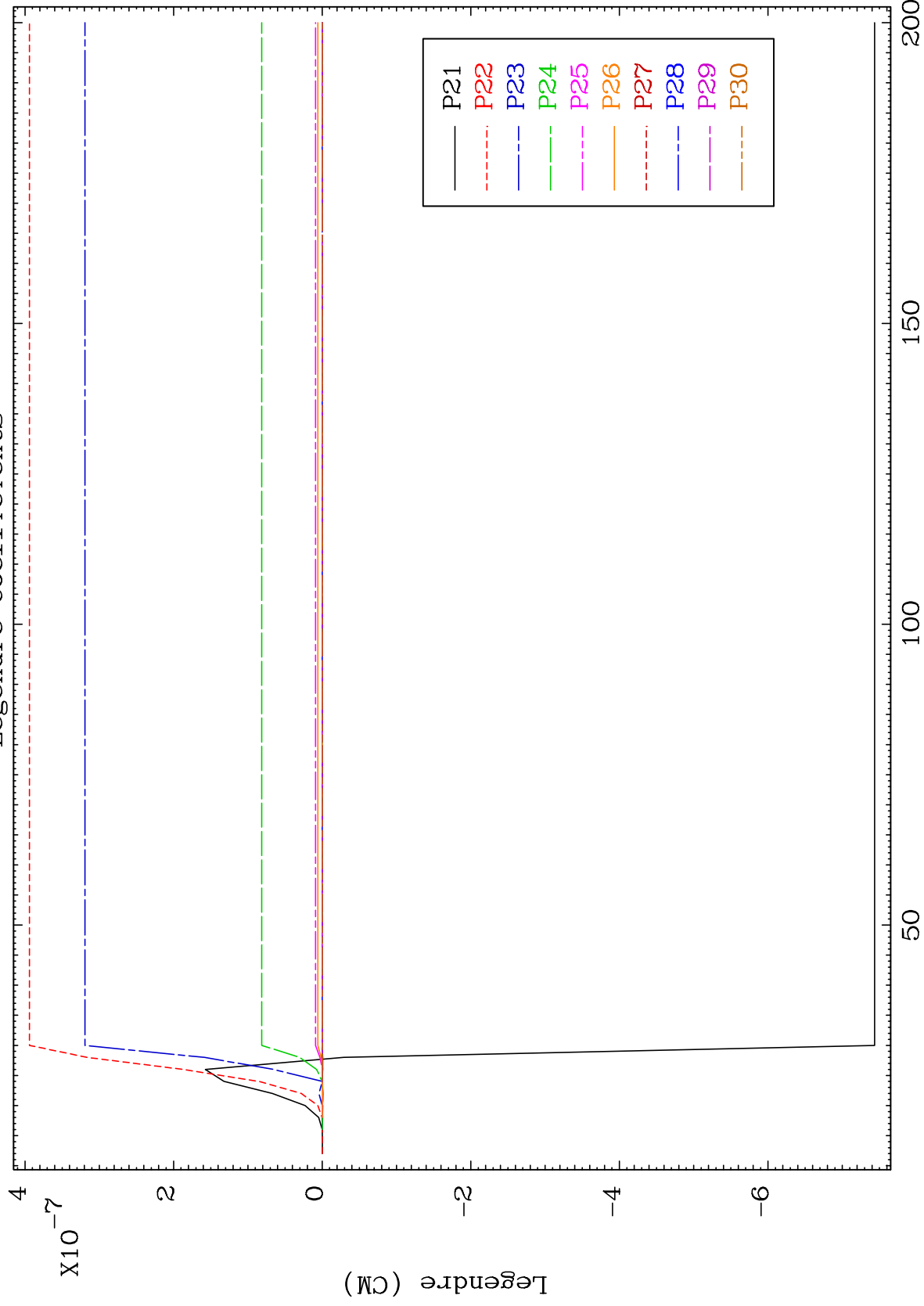
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



121

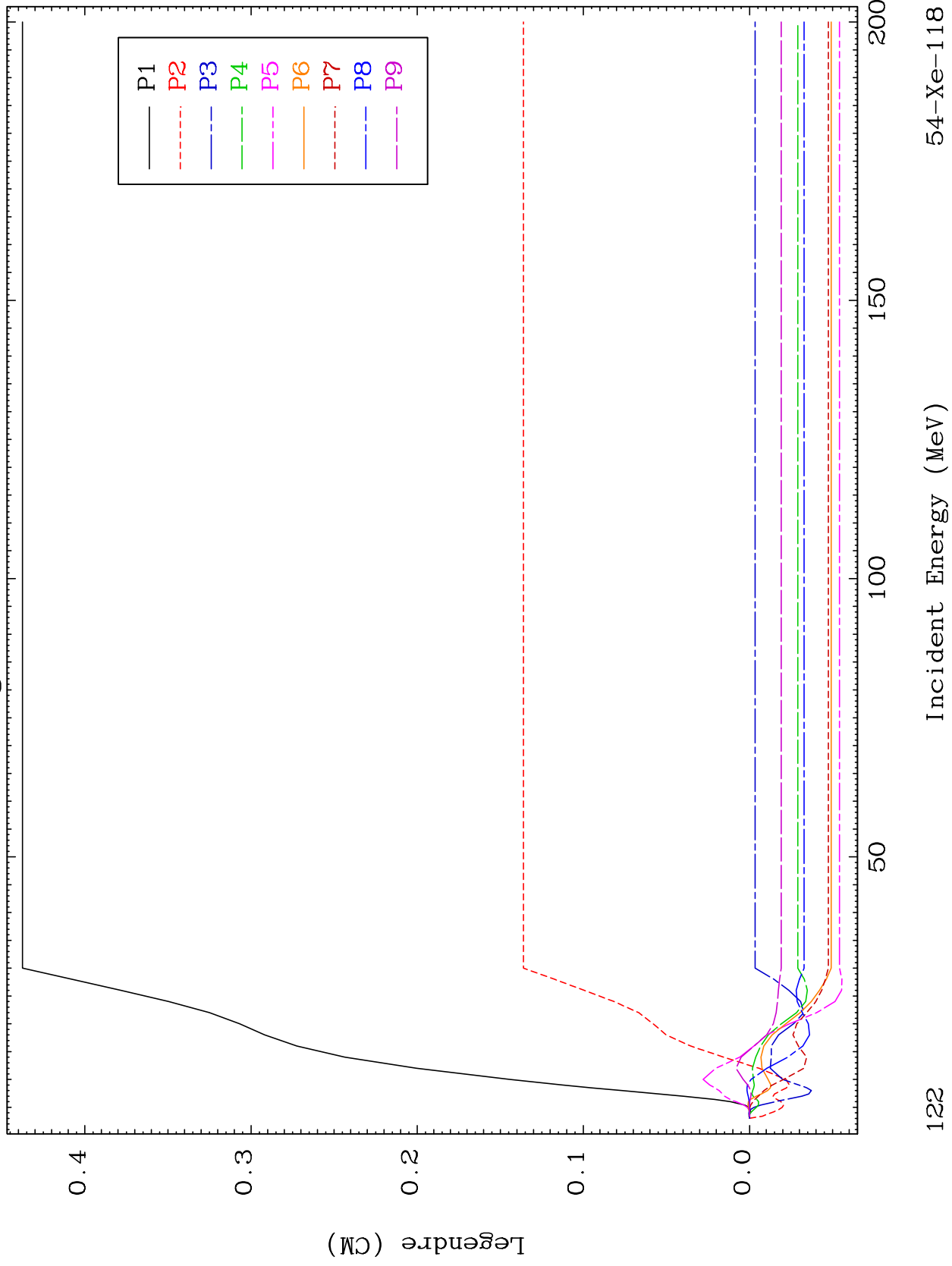
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



122

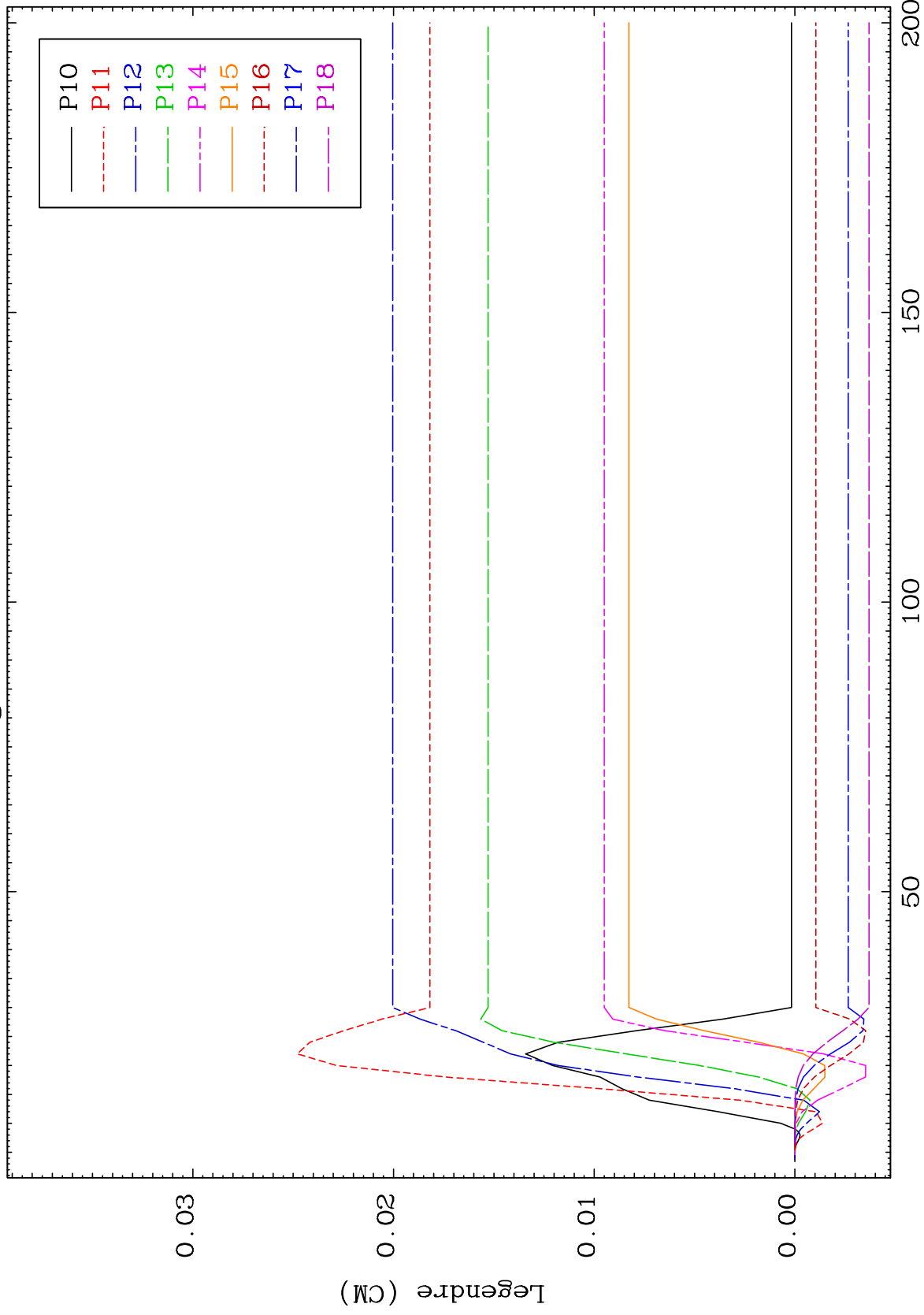
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

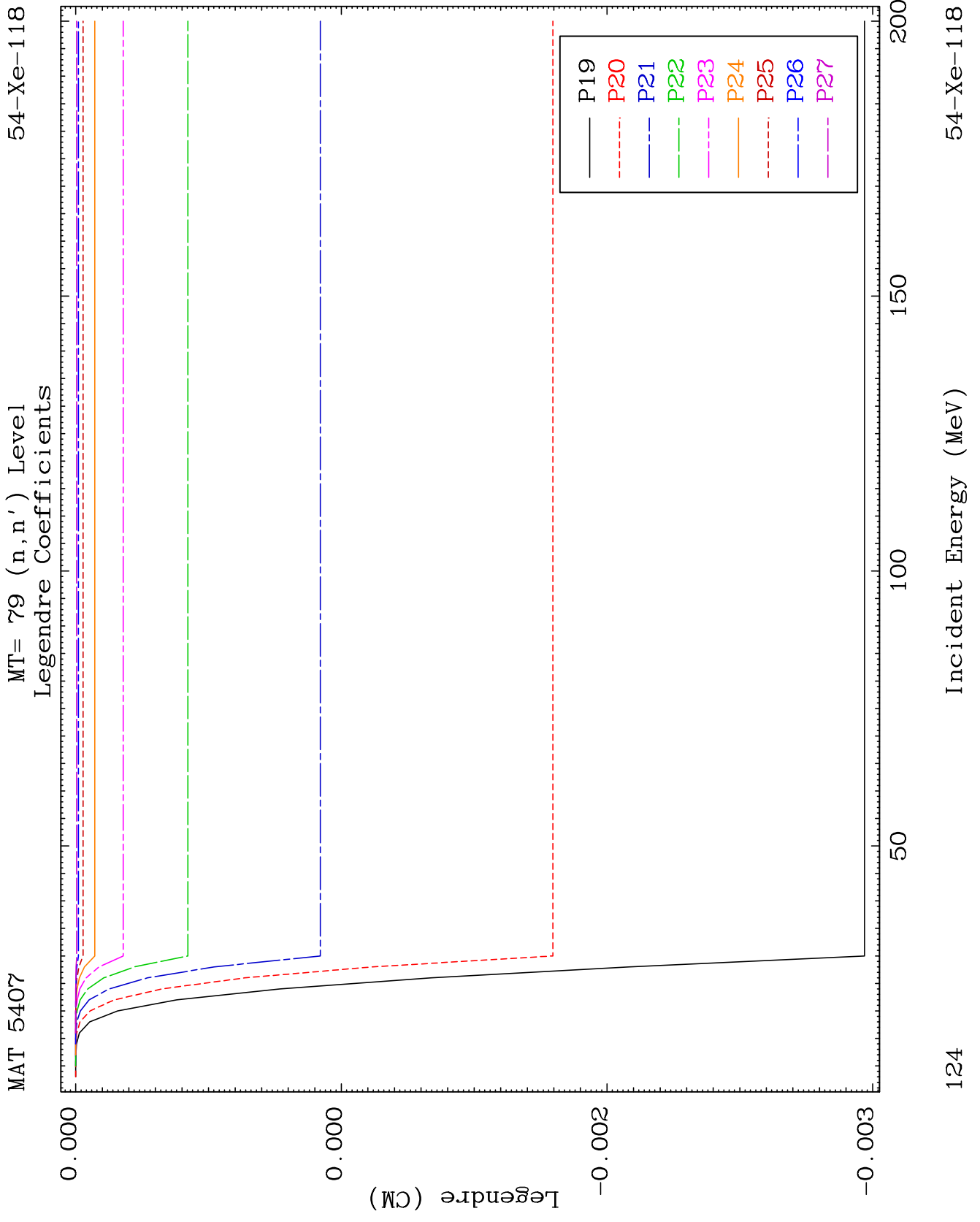
54-Xe-118



123

Incident Energy (MeV)

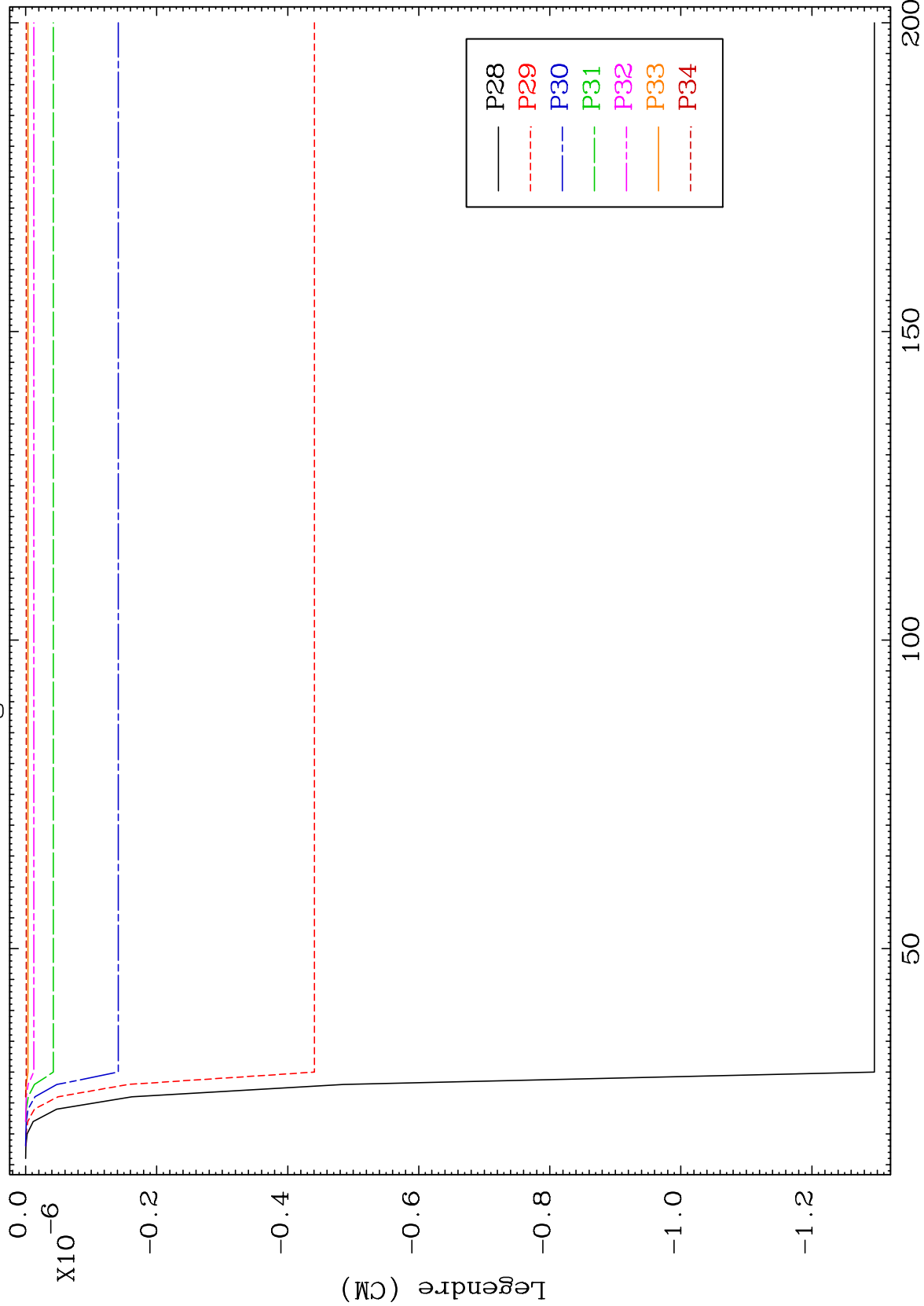
54-Xe-118



MAT 5407

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

54-Xe-118



125

Incident Energy (MeV)

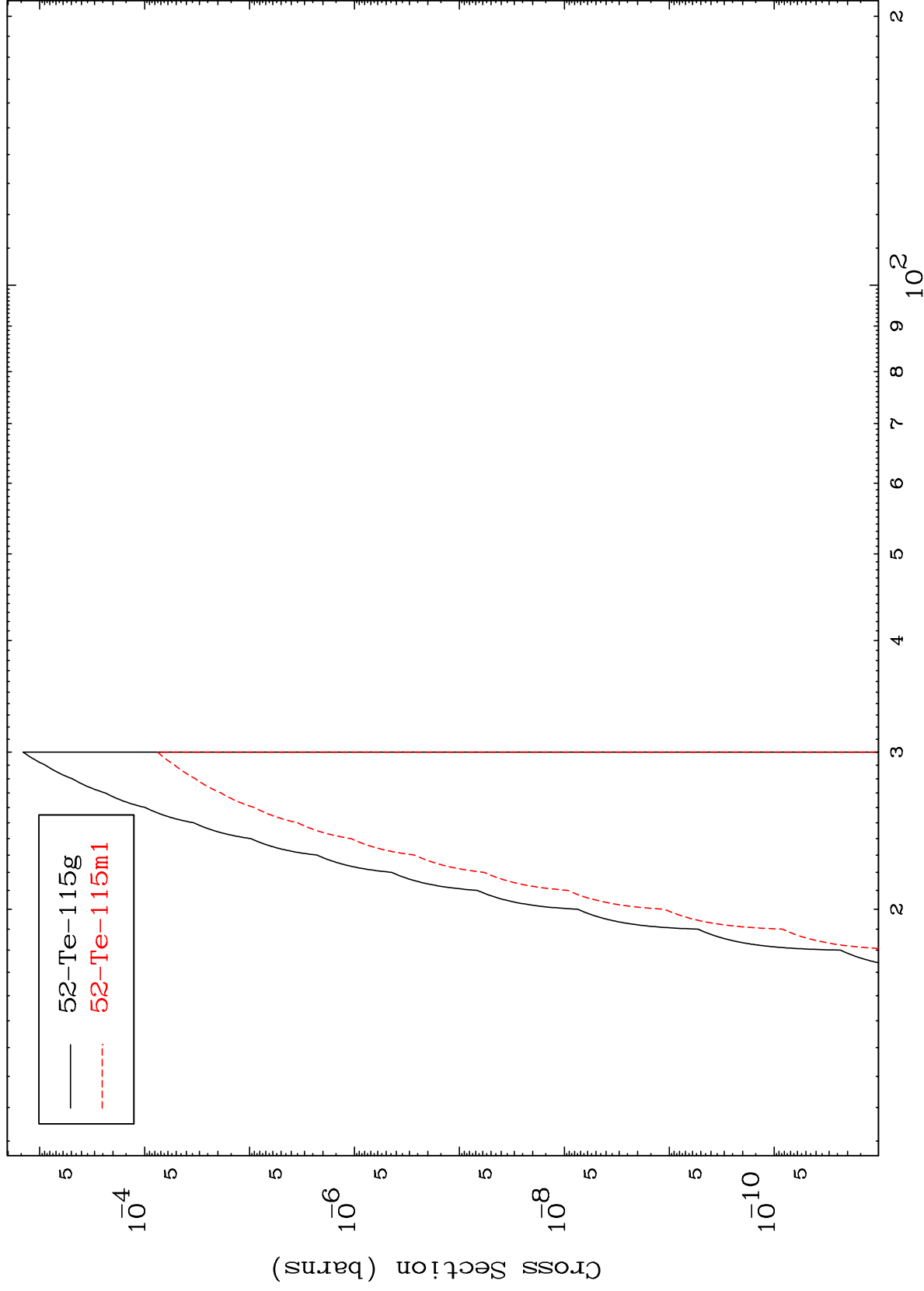
54-Xe-118

MAT 5407

(n,n') He-3

54-Xe-118

Radionuclide Production Cross Section



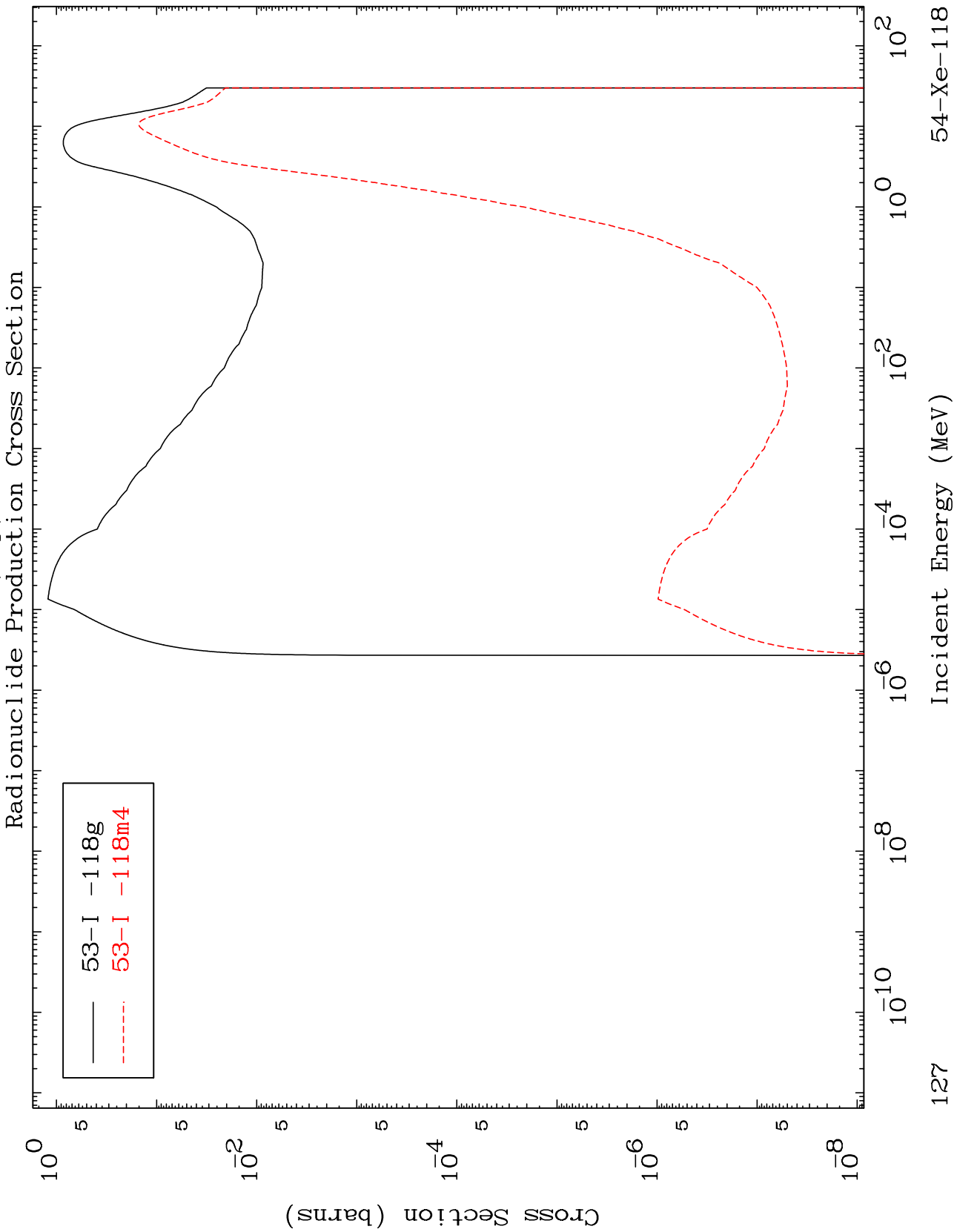
126

Incident Energy (MeV)

54-Xe-118

MAT 5407

54-Xe-118

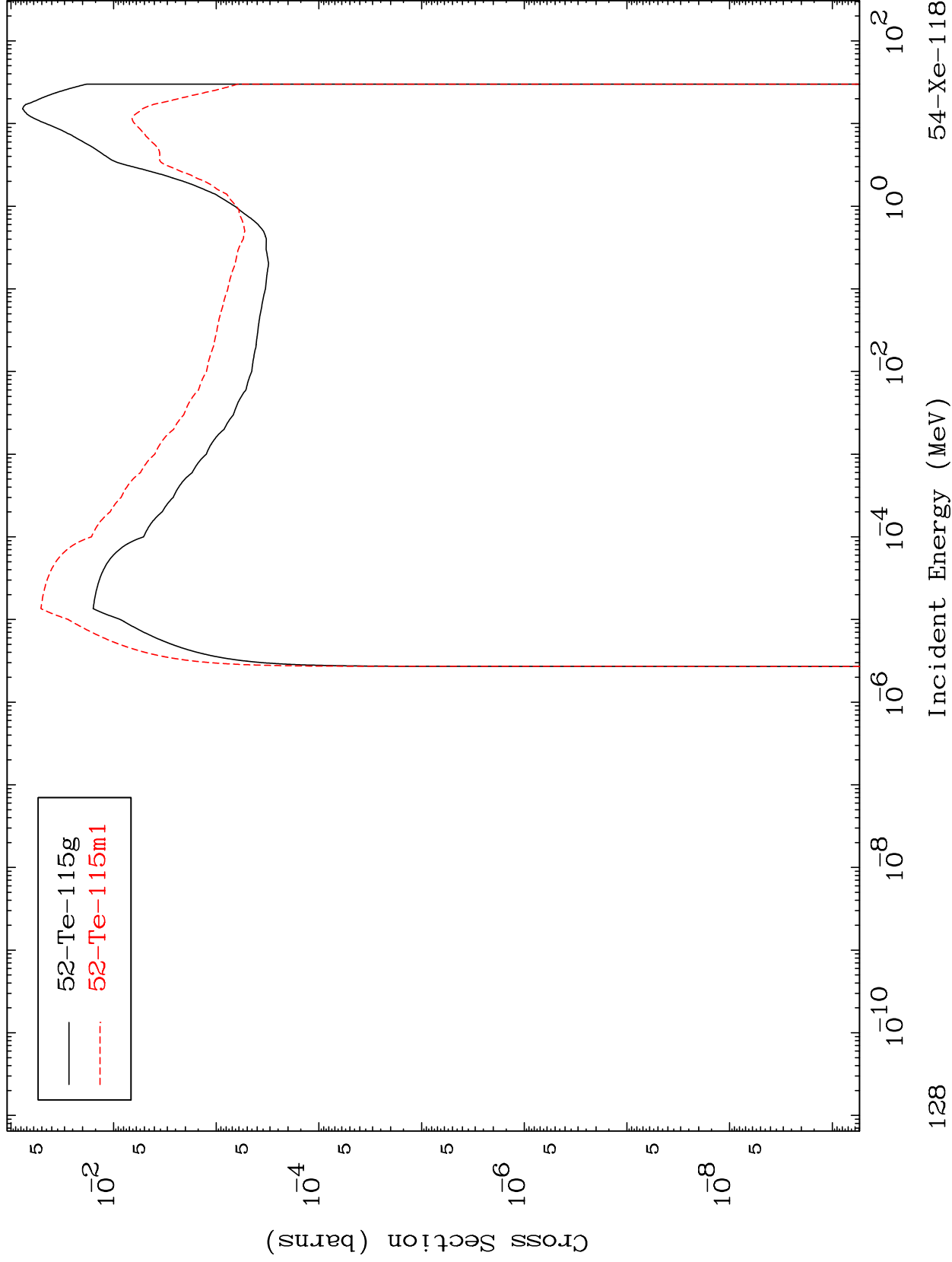


53-I -118g
53-I -118m4

MAT 5407

54-Xe-118

Radionuclide Production Cross Section



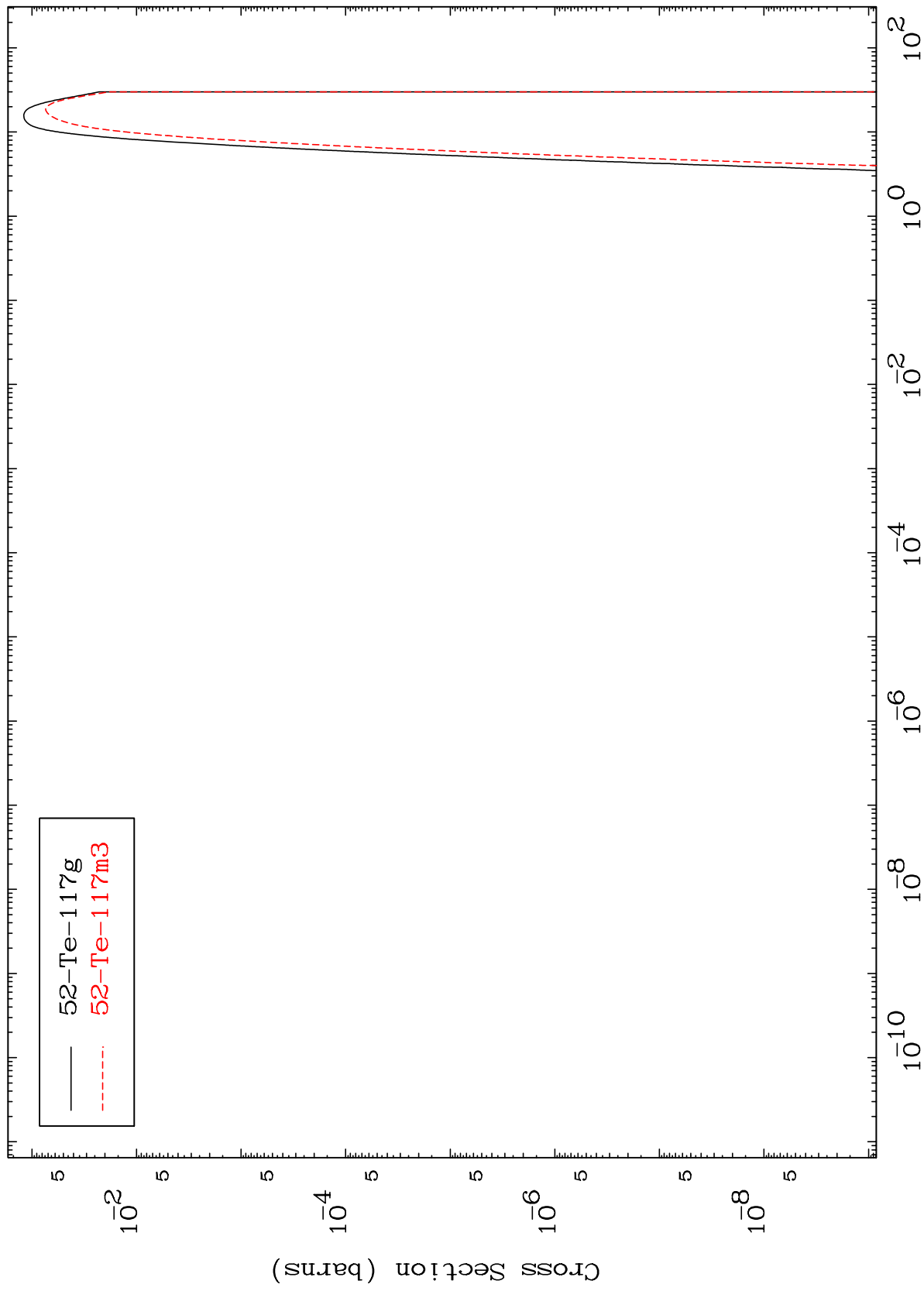
128

54-Xe-118

MAT 5407

54-Xe-118

(n,2p)
Radionuclide Production Cross Section



129

54-Xe-118

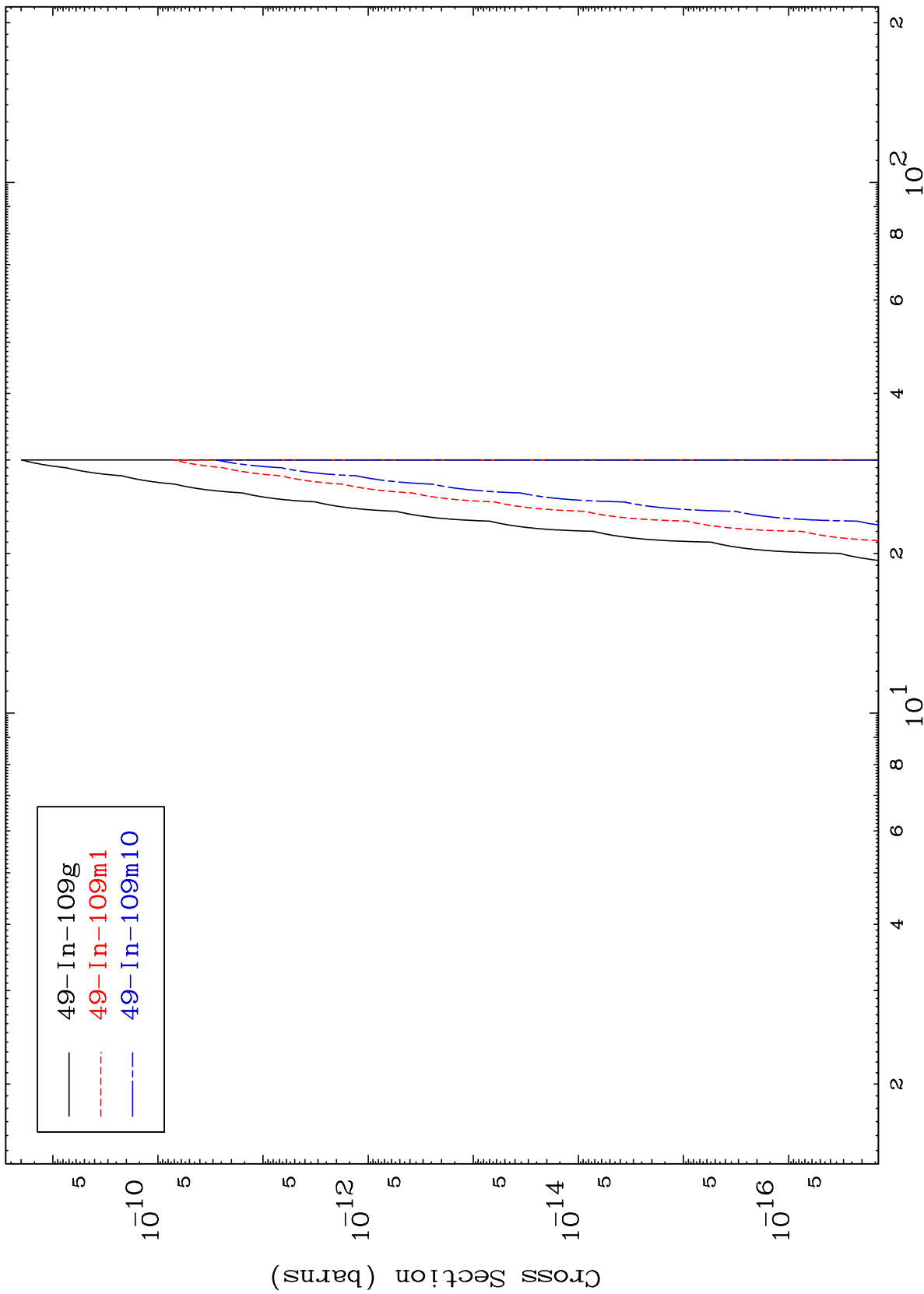
Incident Energy (MeV)

MAT 5407

(n,d) 2 α

54-Xe-118

Radionuclide Production Cross Section



130

Incident Energy (MeV)

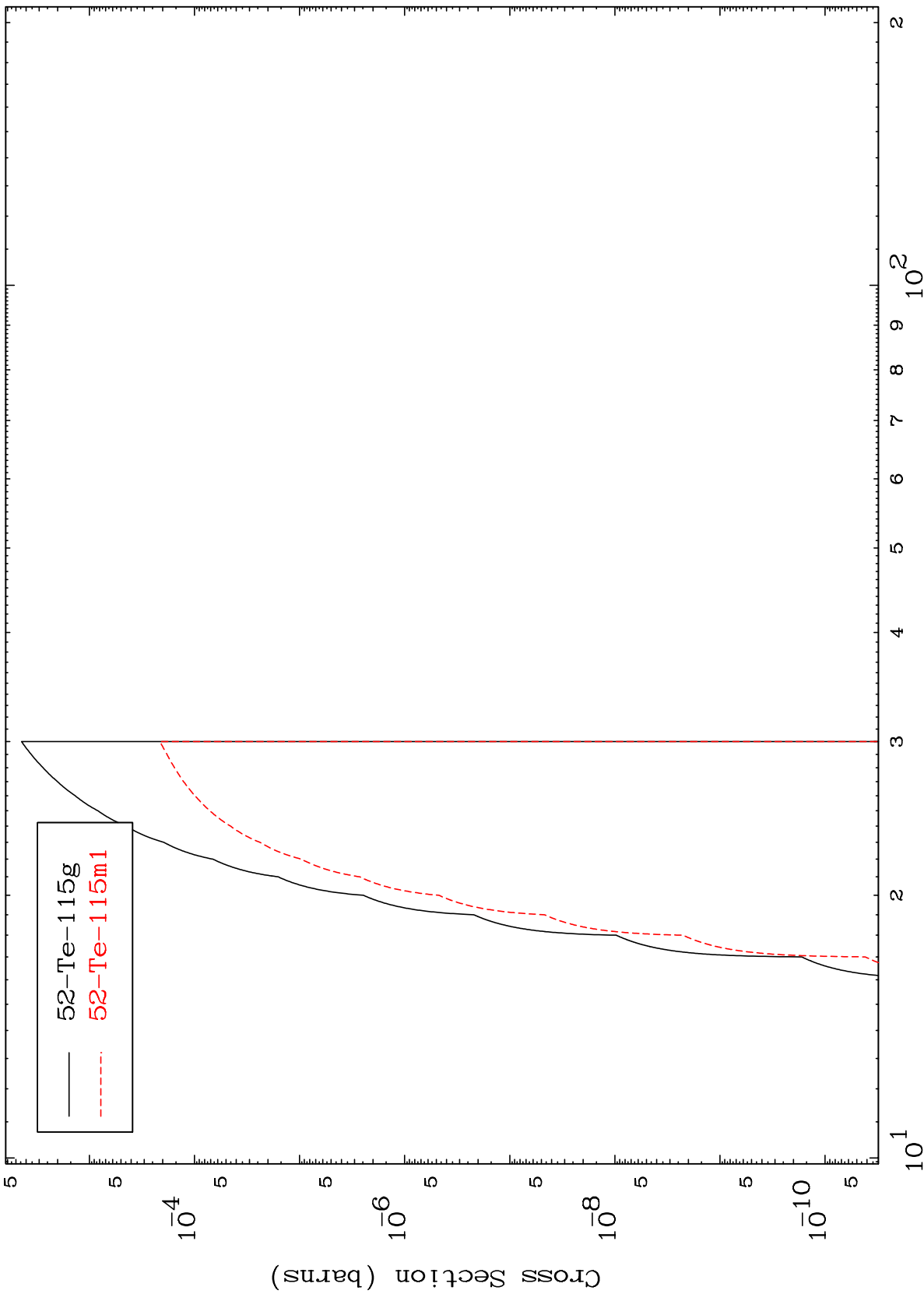
54-Xe-118

MAT 5407

(n,p) t

54-Xe-118

Radionuclide Production Cross Section



131

Incident Energy (MeV)

54-Xe-118