

Program EVALPLOT
(Version 2021-1)

by

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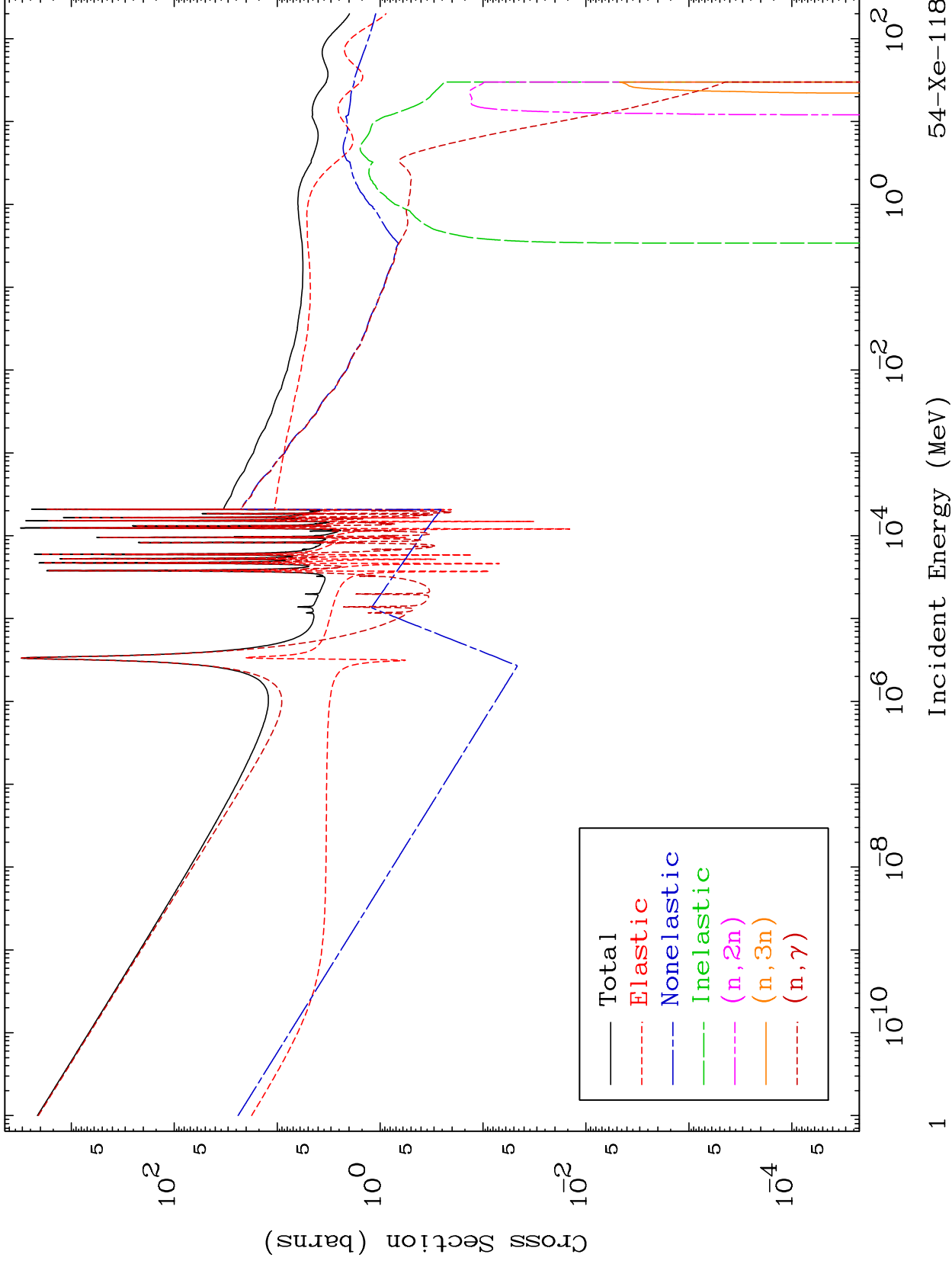
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5407

Neutron Major
293 Kelvin Cross Sections

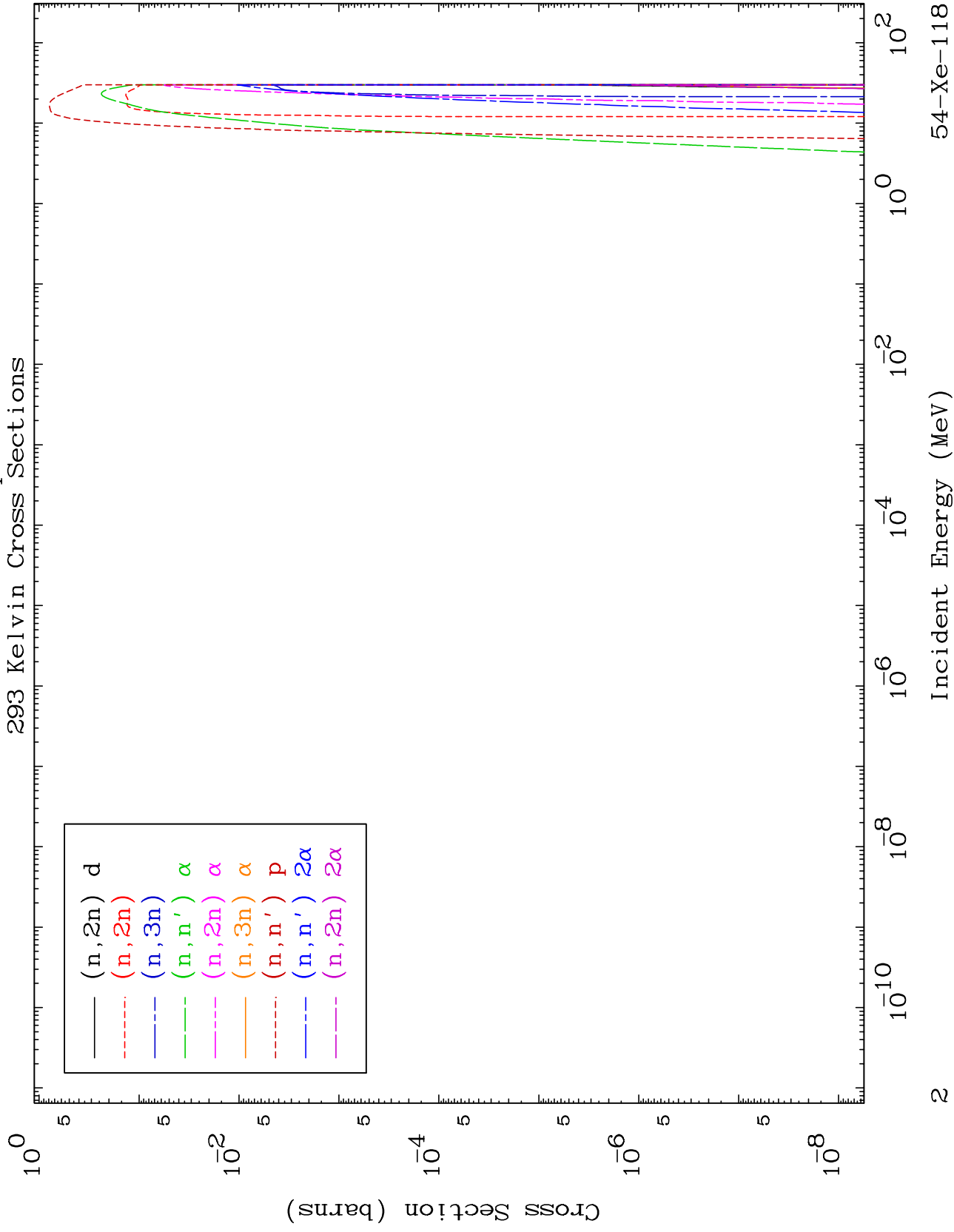
54-Xe-118



MAT 5407

Neutron Absorption
293 Kelvin Cross Sections

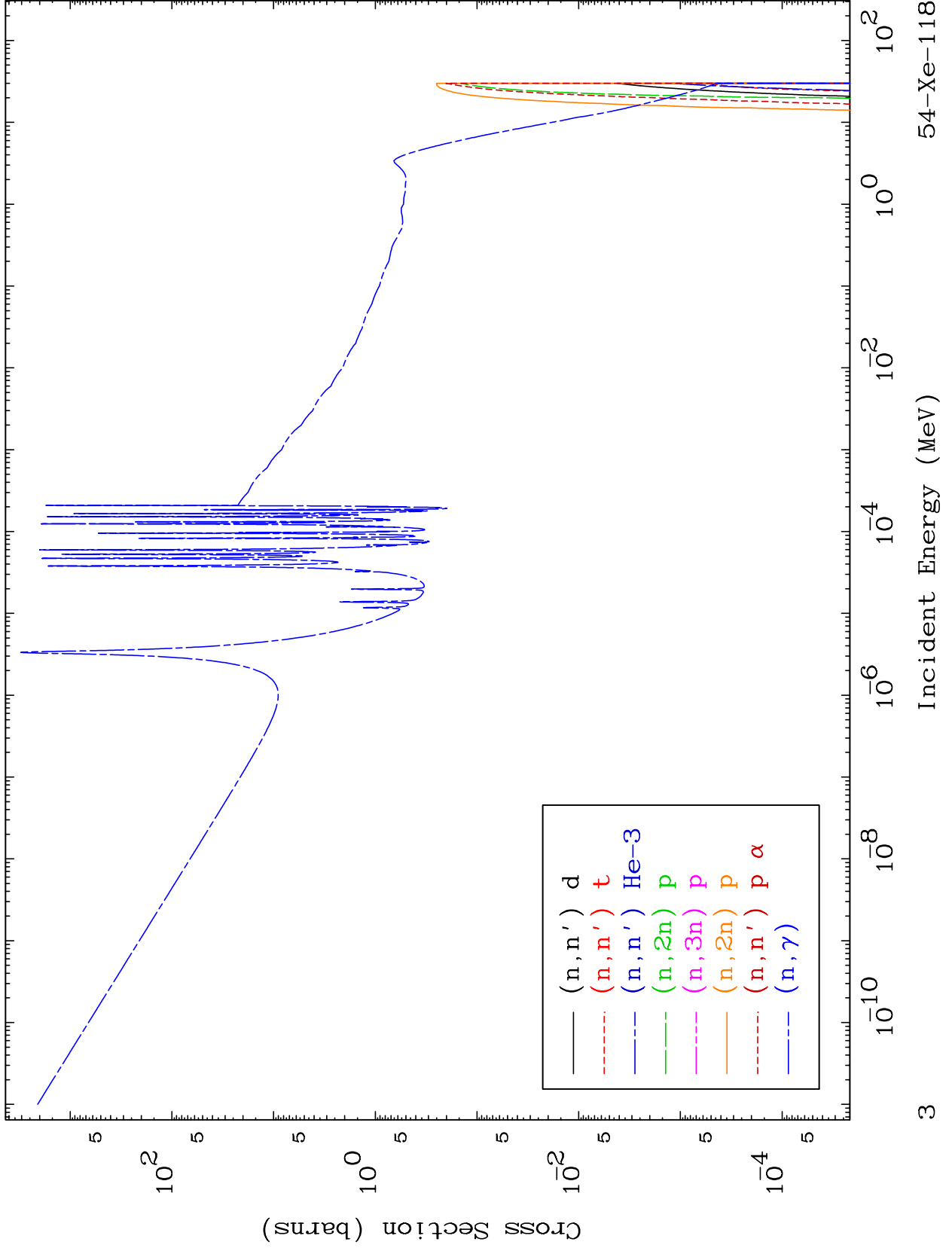
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MAT 5407

Neutron Absorption
293 Kelvin Cross Sections

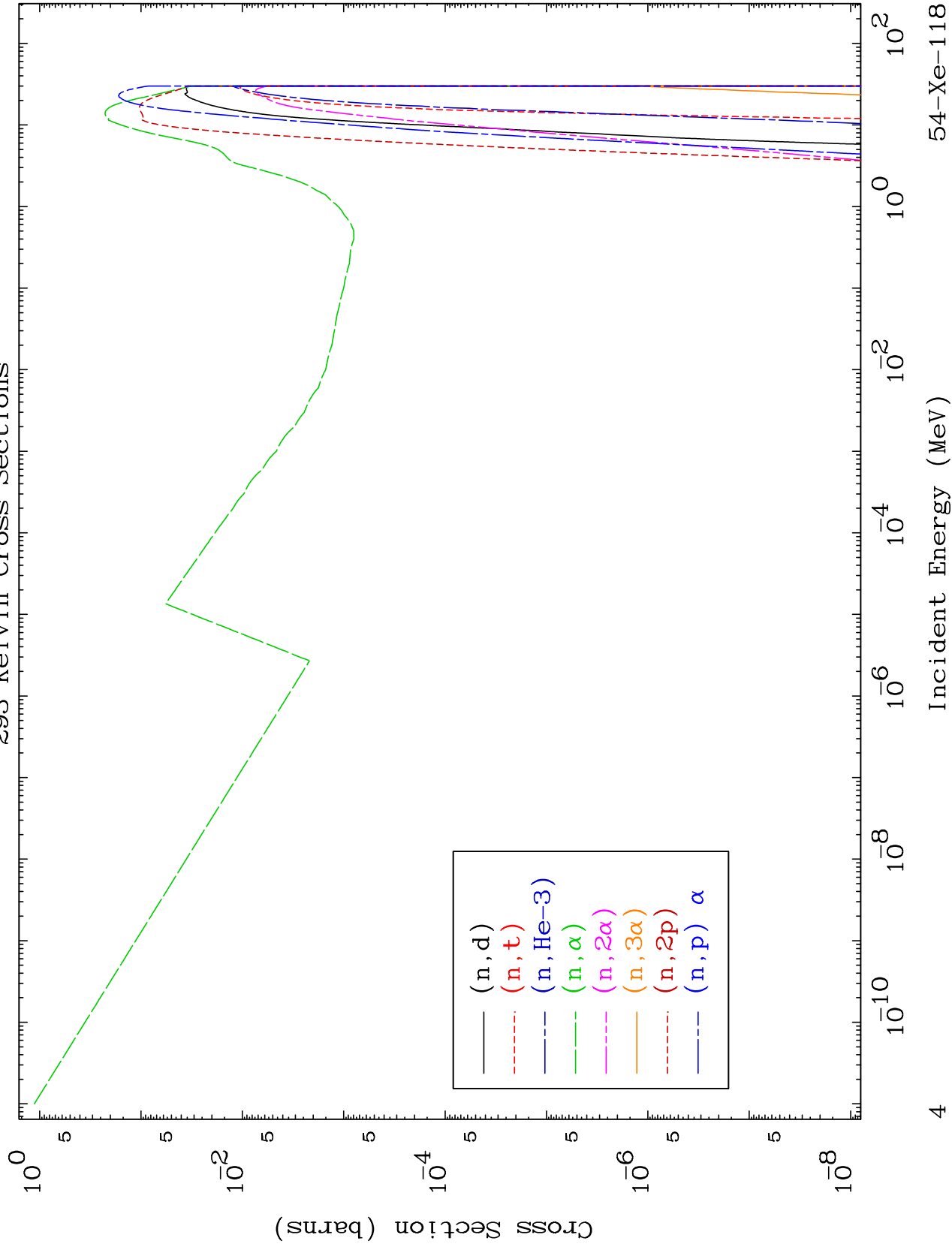
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MAT 5407

Neutron Absorption
293 Kelvin Cross Sections

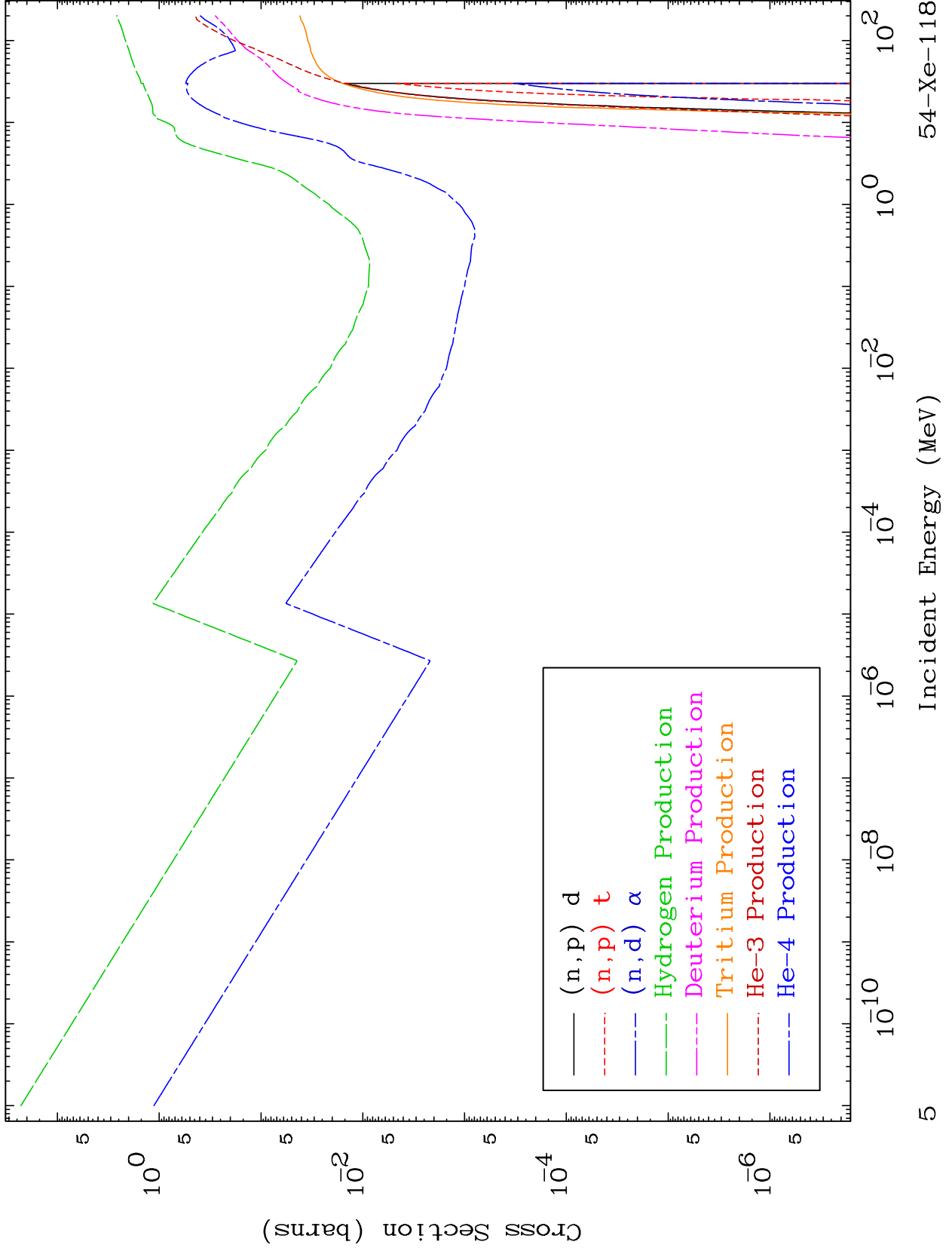
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MAT 5407

Neutron Absorption
293 Kelvin Cross Sections

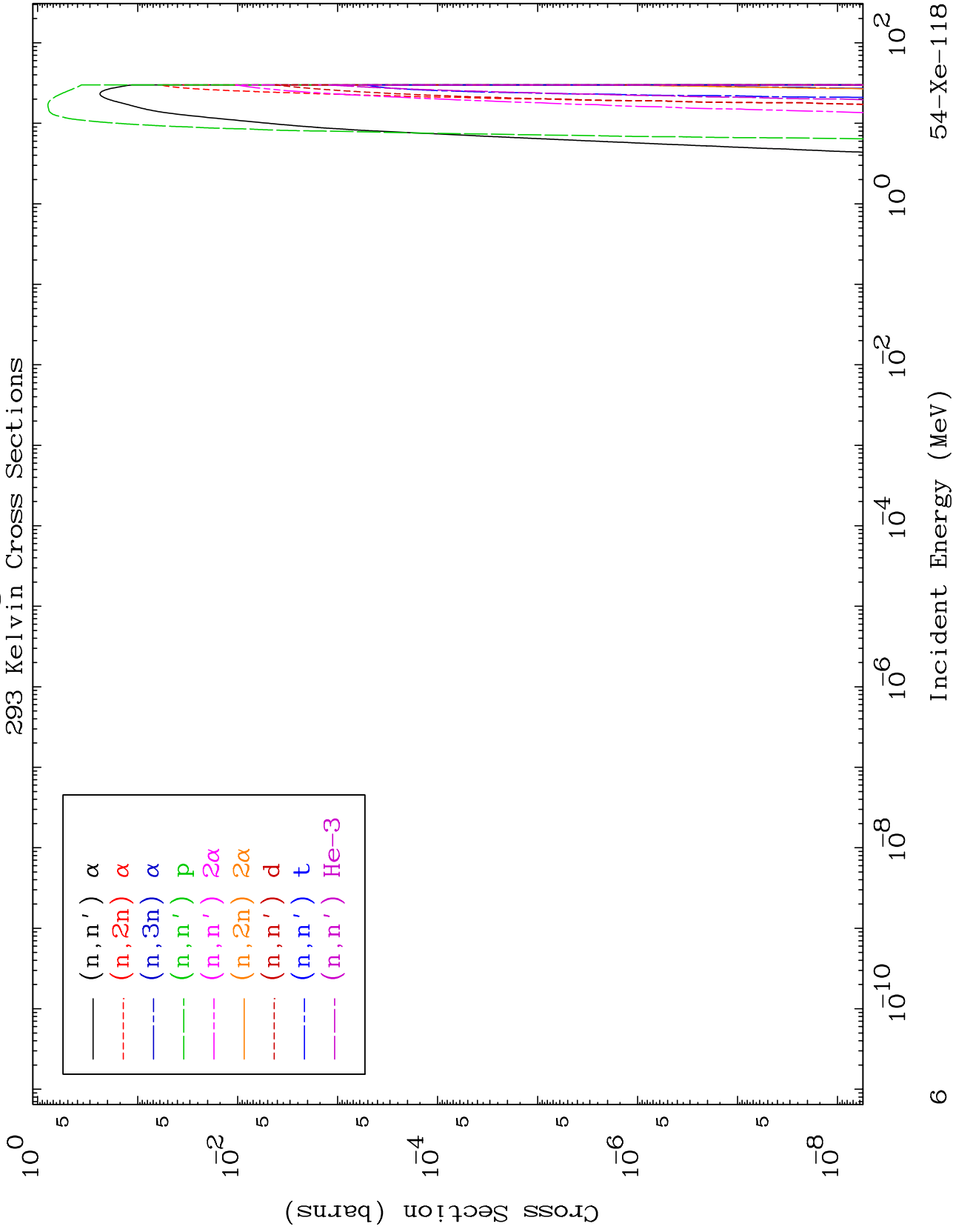
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MAT 5407

Charged Particle
293 Kelvin Cross Sections

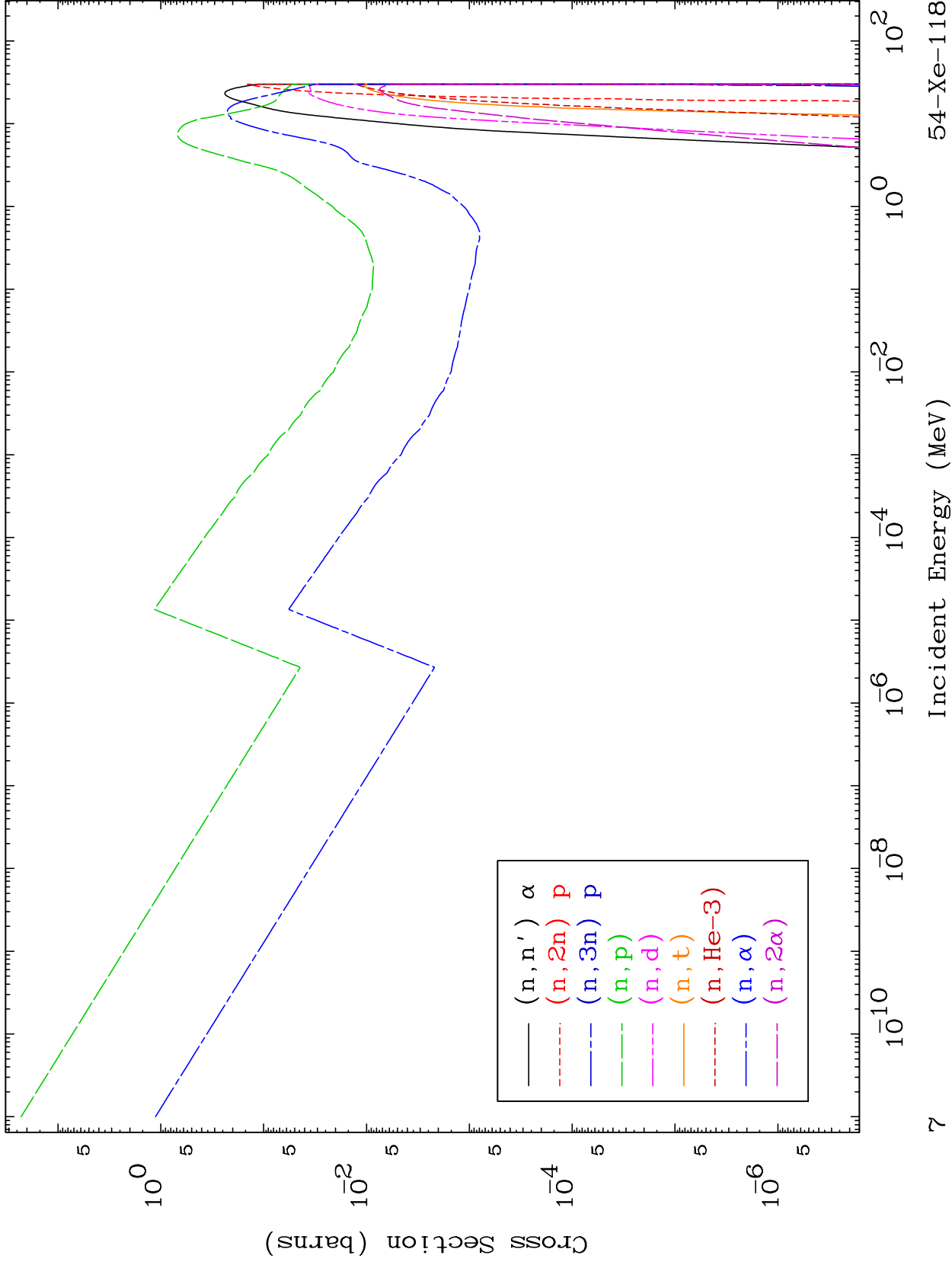
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MAT 5407

Charged Particle
293 Kelvin Cross Sections

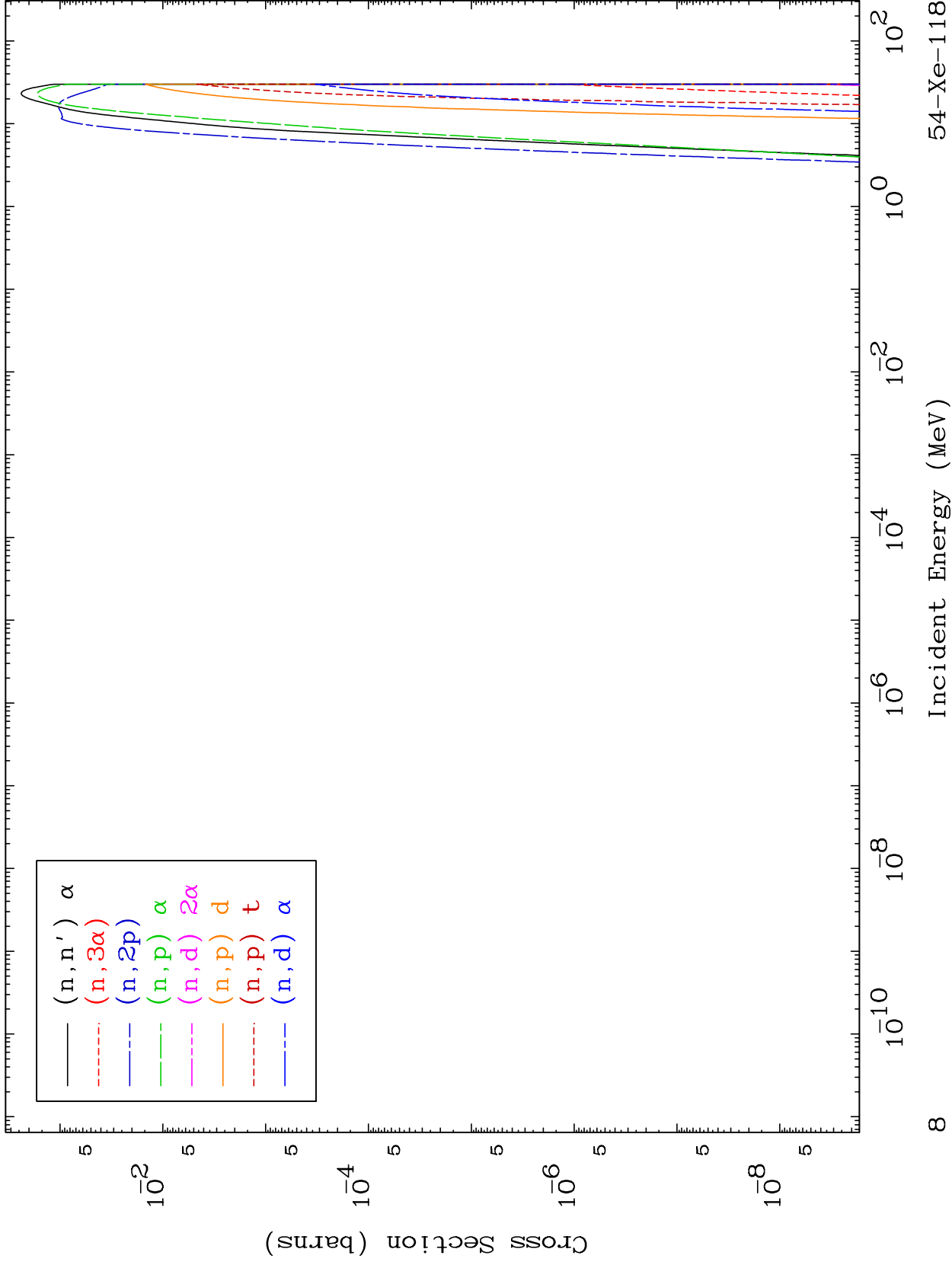
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MAT 5407

Charged Particle
293 Kelvin Cross Sections

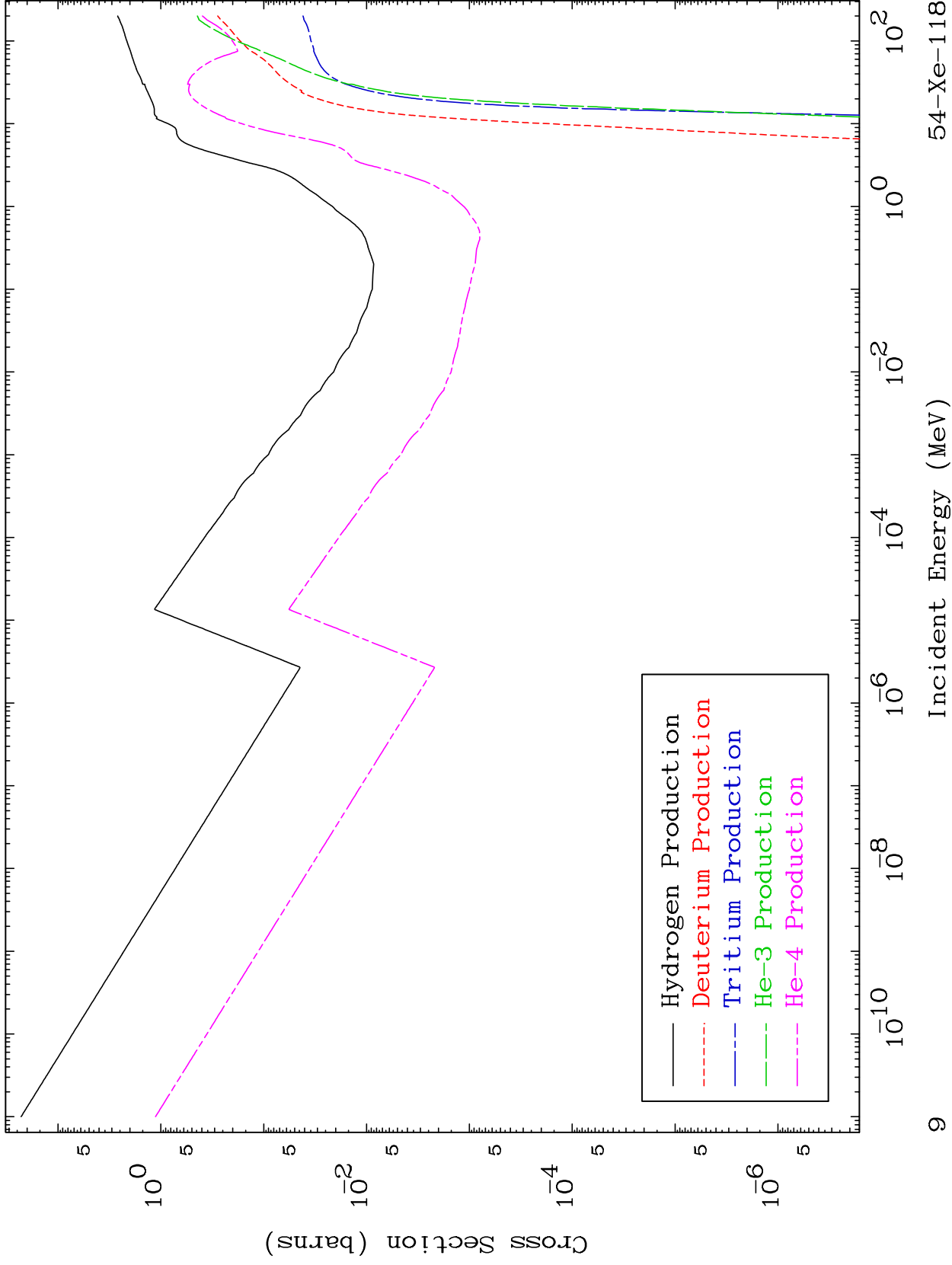
54-Xe-118



MAT 5407

Particle Production
293 Kelvin Cross Sections

54-Xe-118

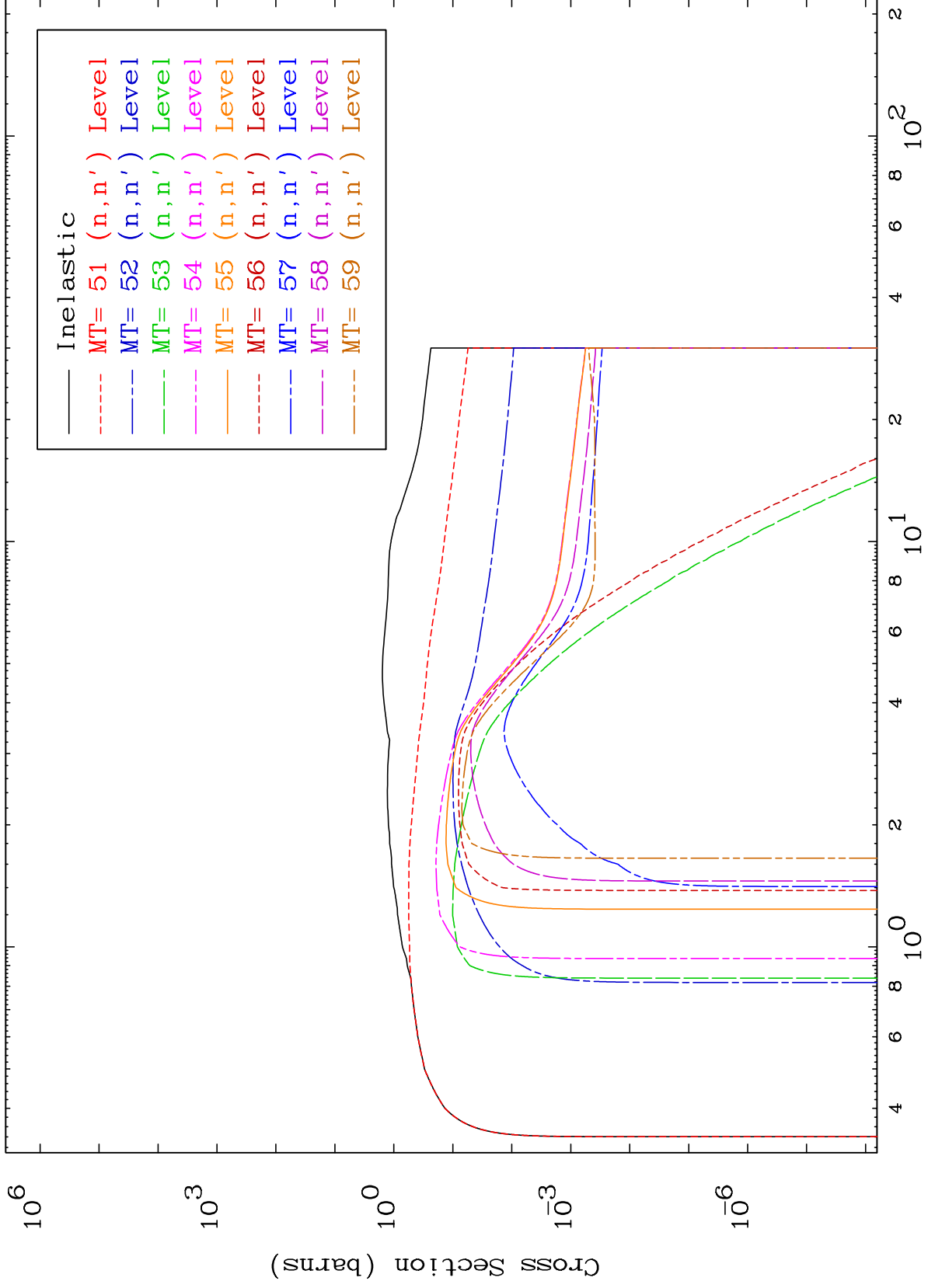


MAT 5407

(n,n') Levels

54-Xe-118

293 Kelvin Cross Sections



10

Incident Energy (MeV)

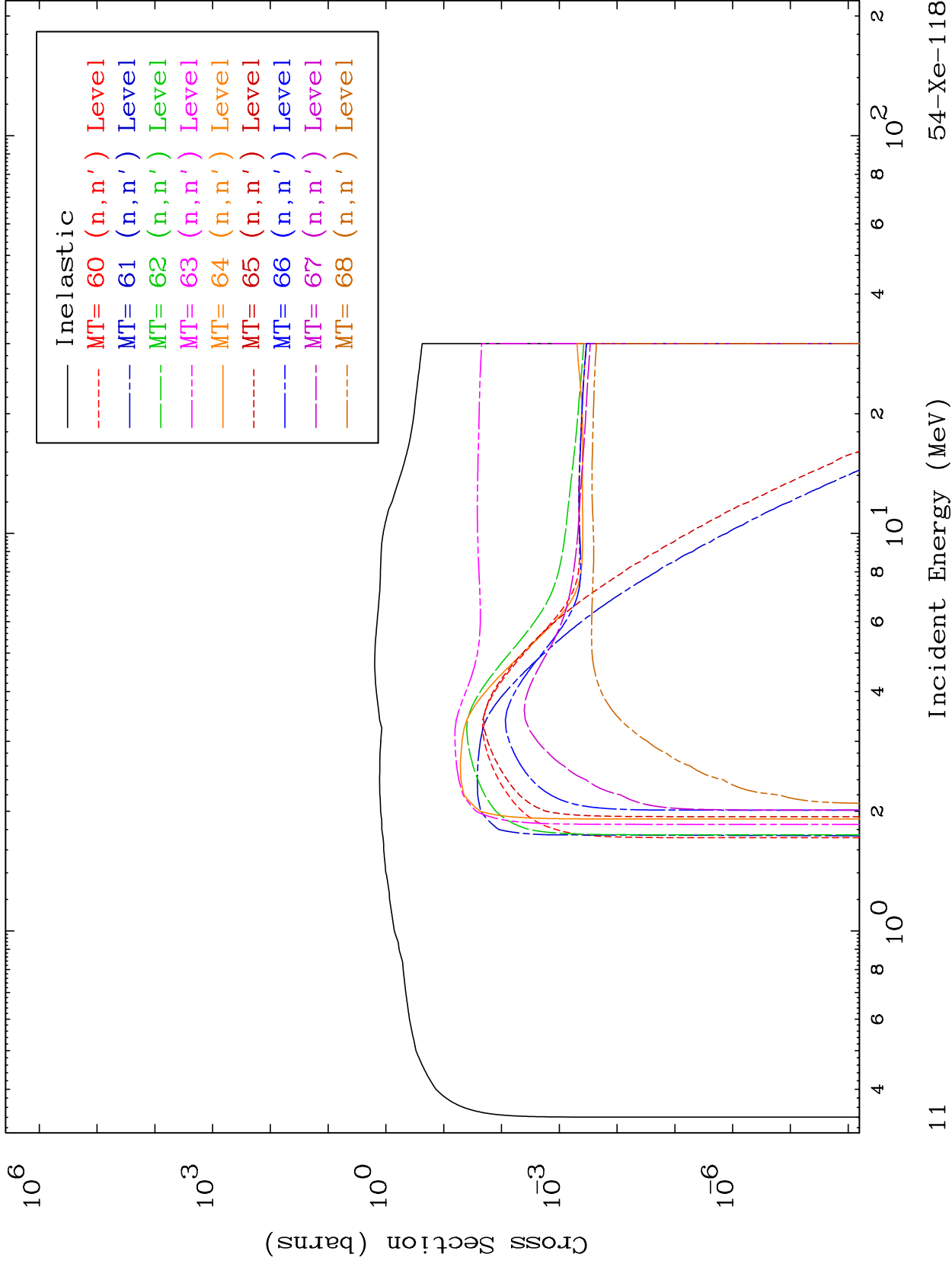
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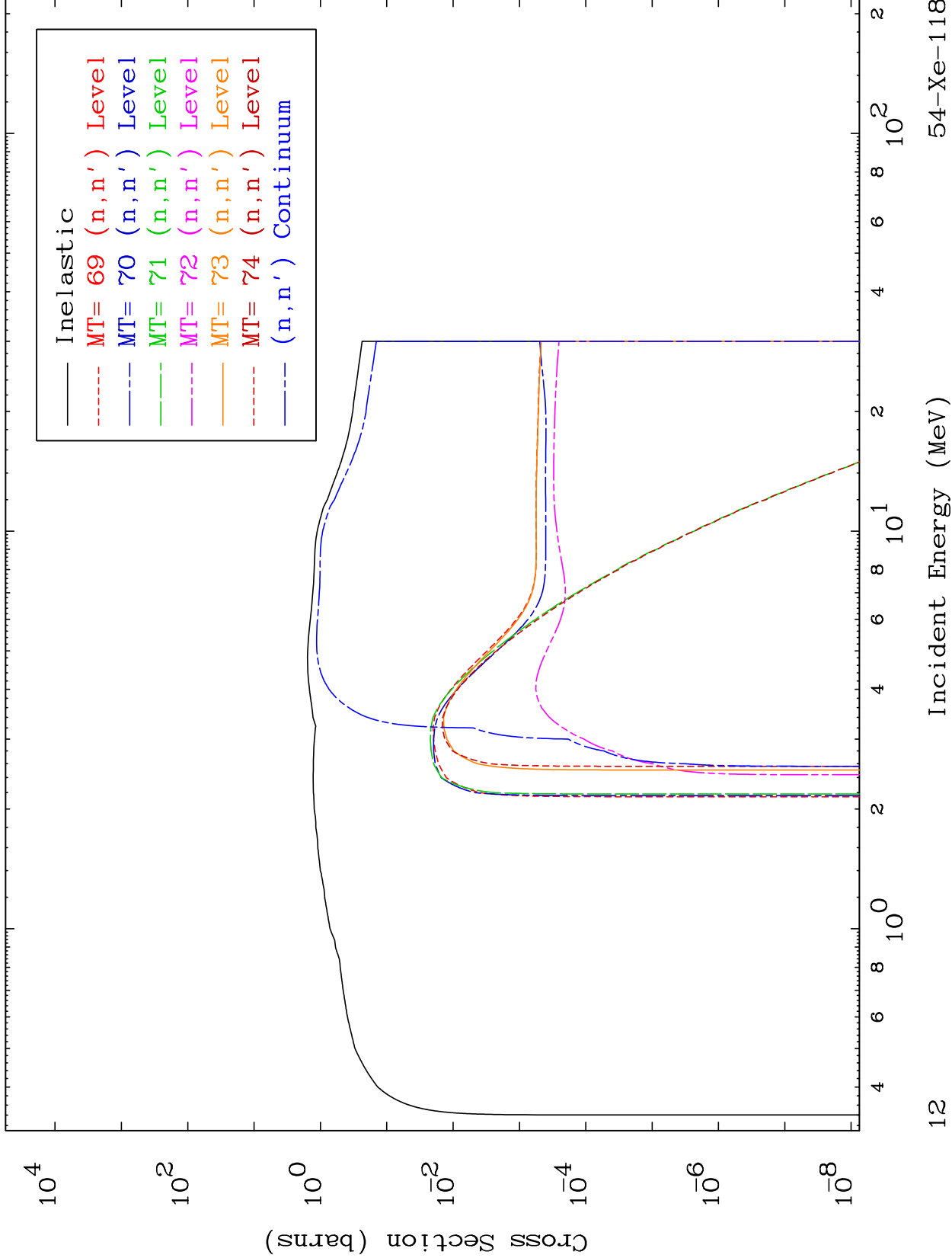
MAT 5407

(n,n') Levels

54-Xe-118

293 Kelvin Cross Sections

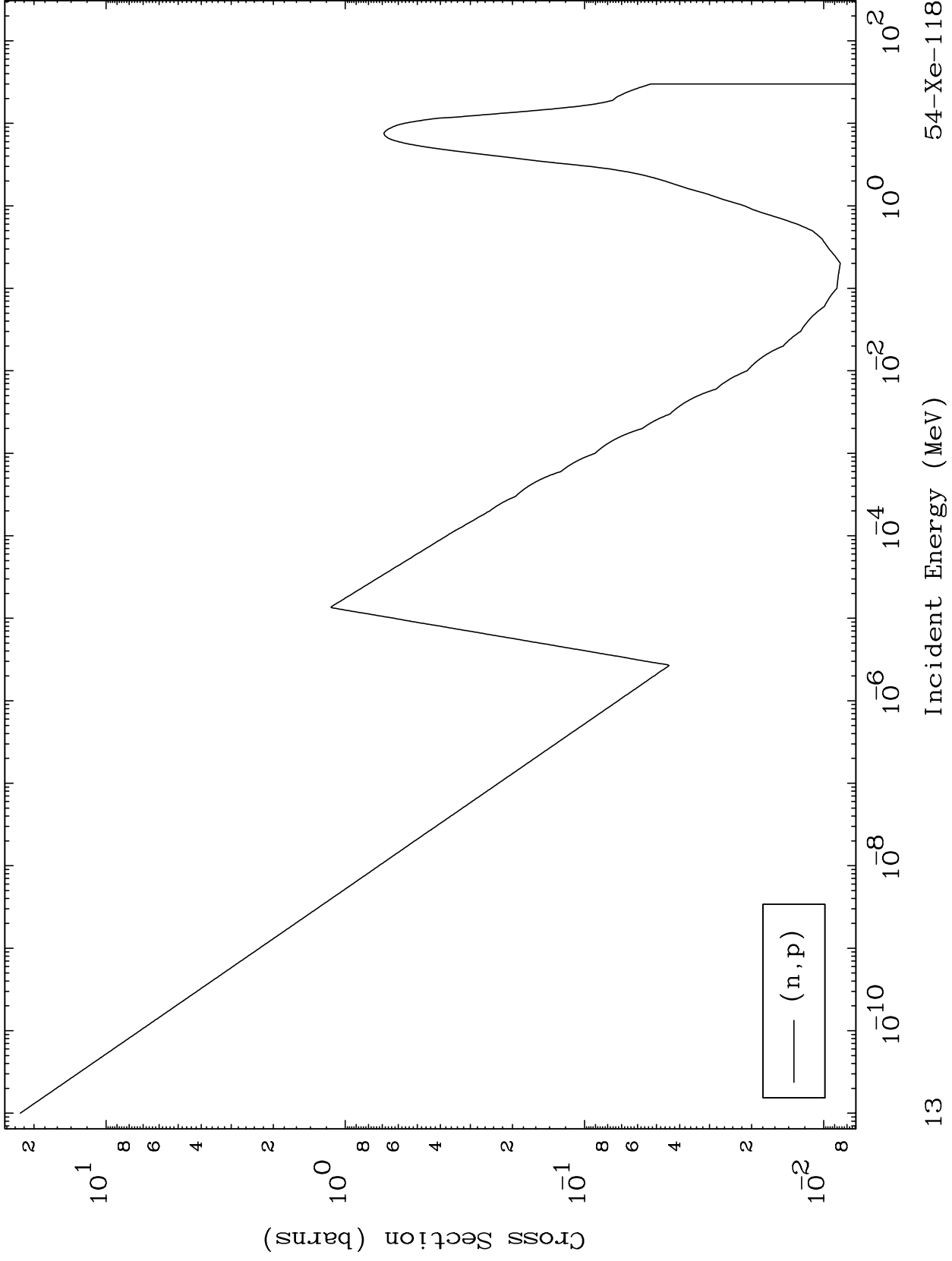




MAT 5407

(n,p) Levels
293 Kelvin Cross Sections

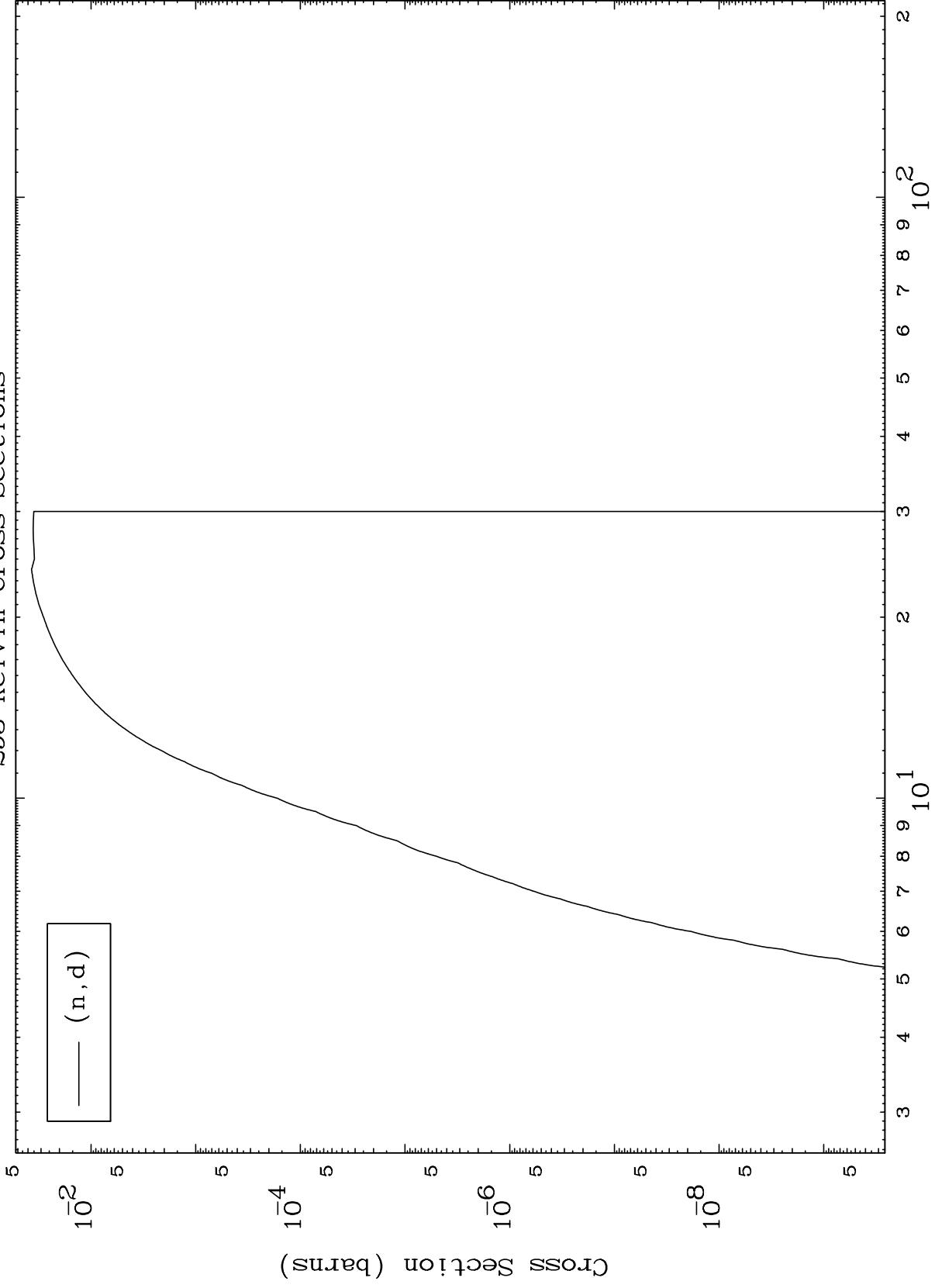
54-Xe-118



MAT 5407

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-118



14

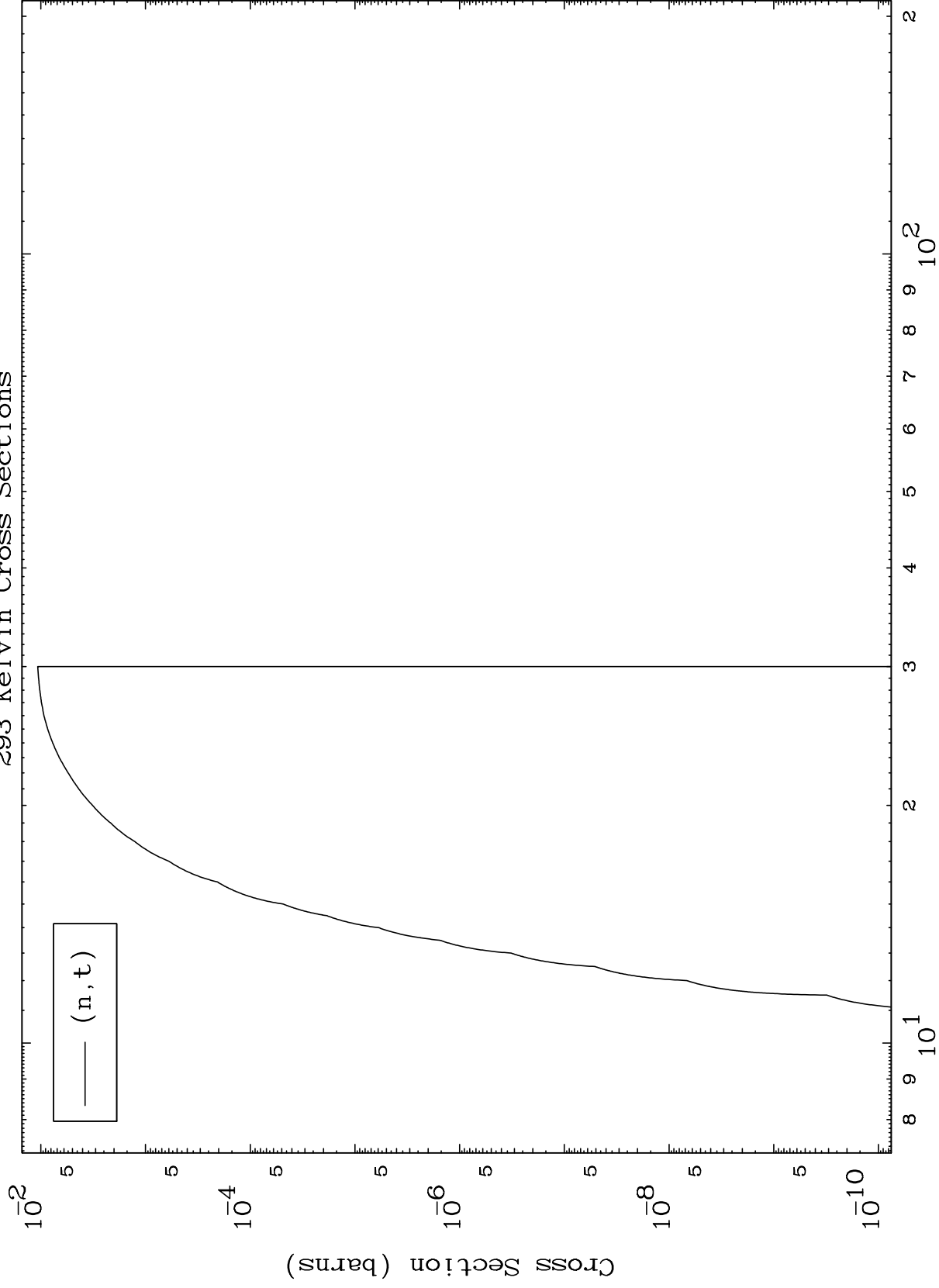
Incident Energy (MeV)

54-Xe-118

MAT 5407

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-118



15

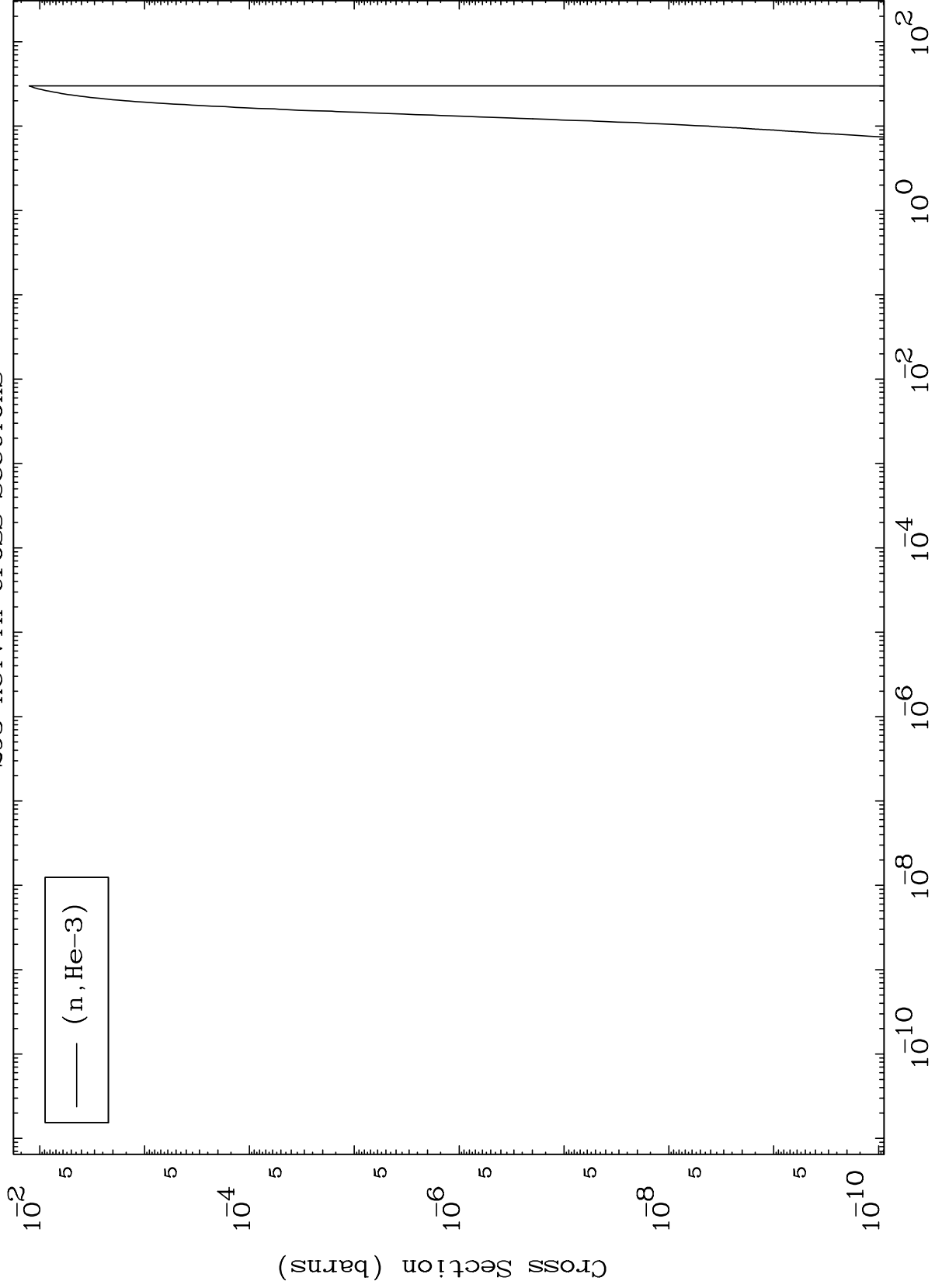
Incident Energy (MeV)

54-Xe-118

MAT 5407

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-118

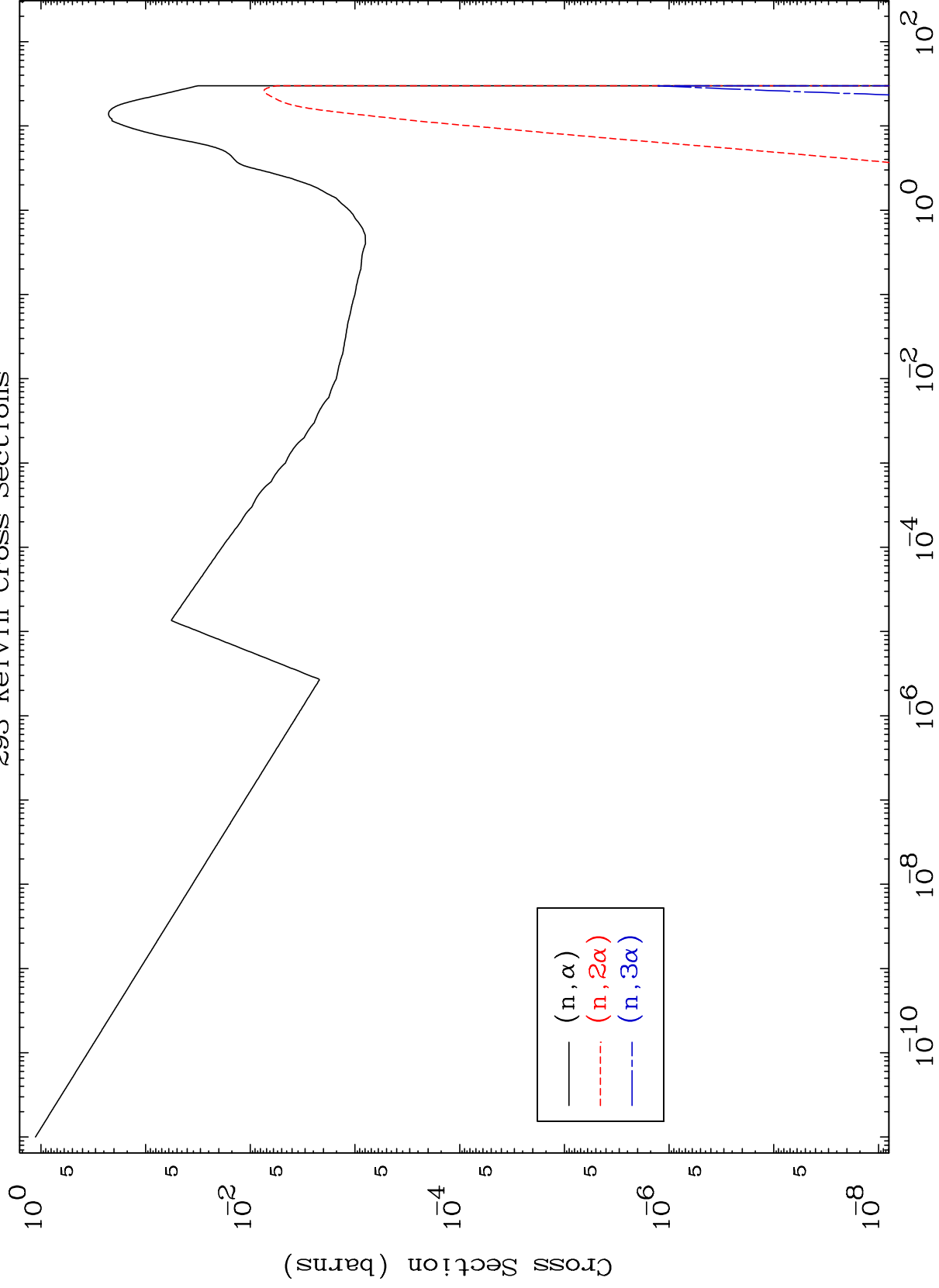


(n, He-3)

MAT 5407

(n, α) Levels
293 Kelvin Cross Sections

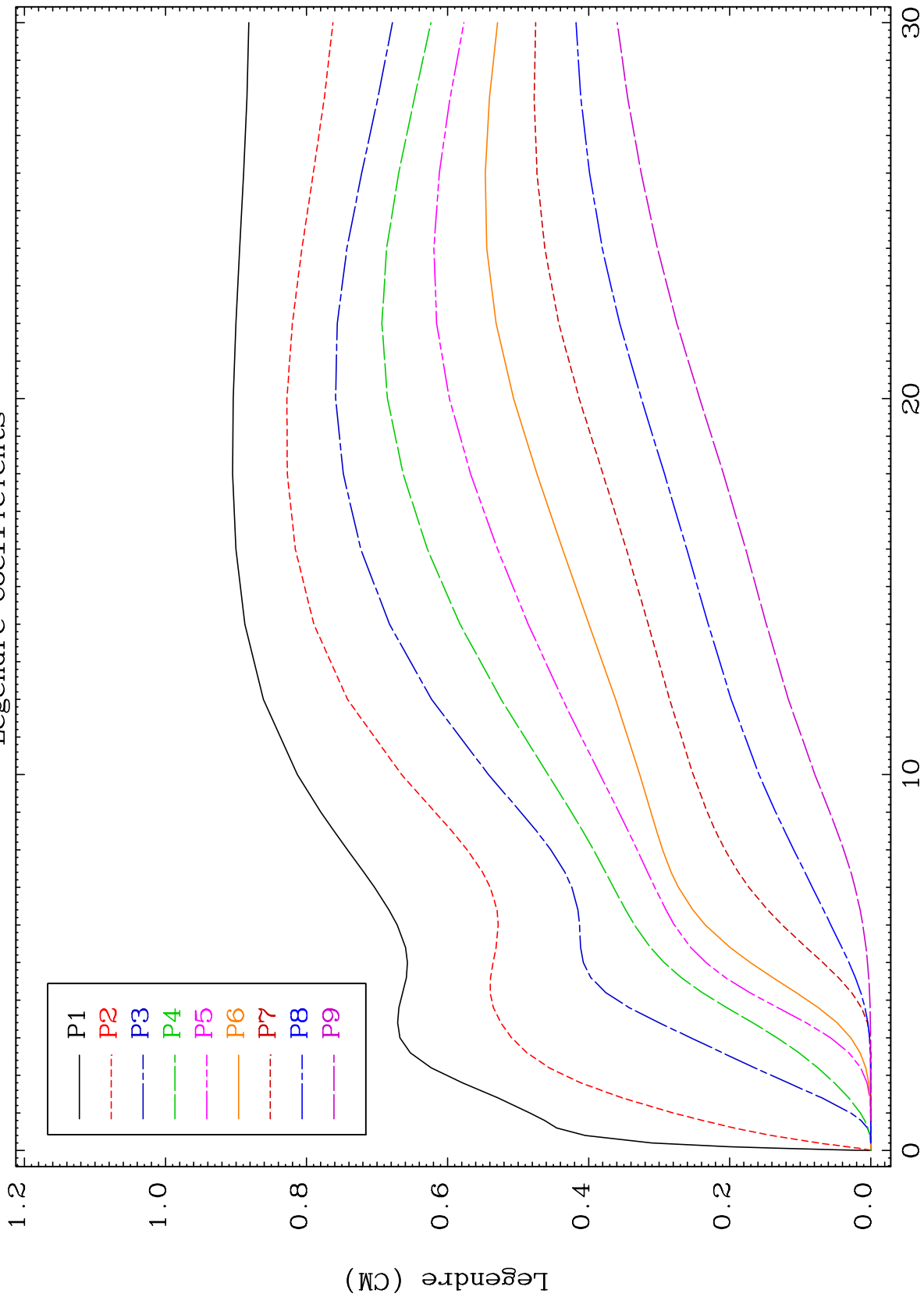
54-Xe-118



MAT 5407

Elastic Legendre Coefficients

54-Xe-118



18

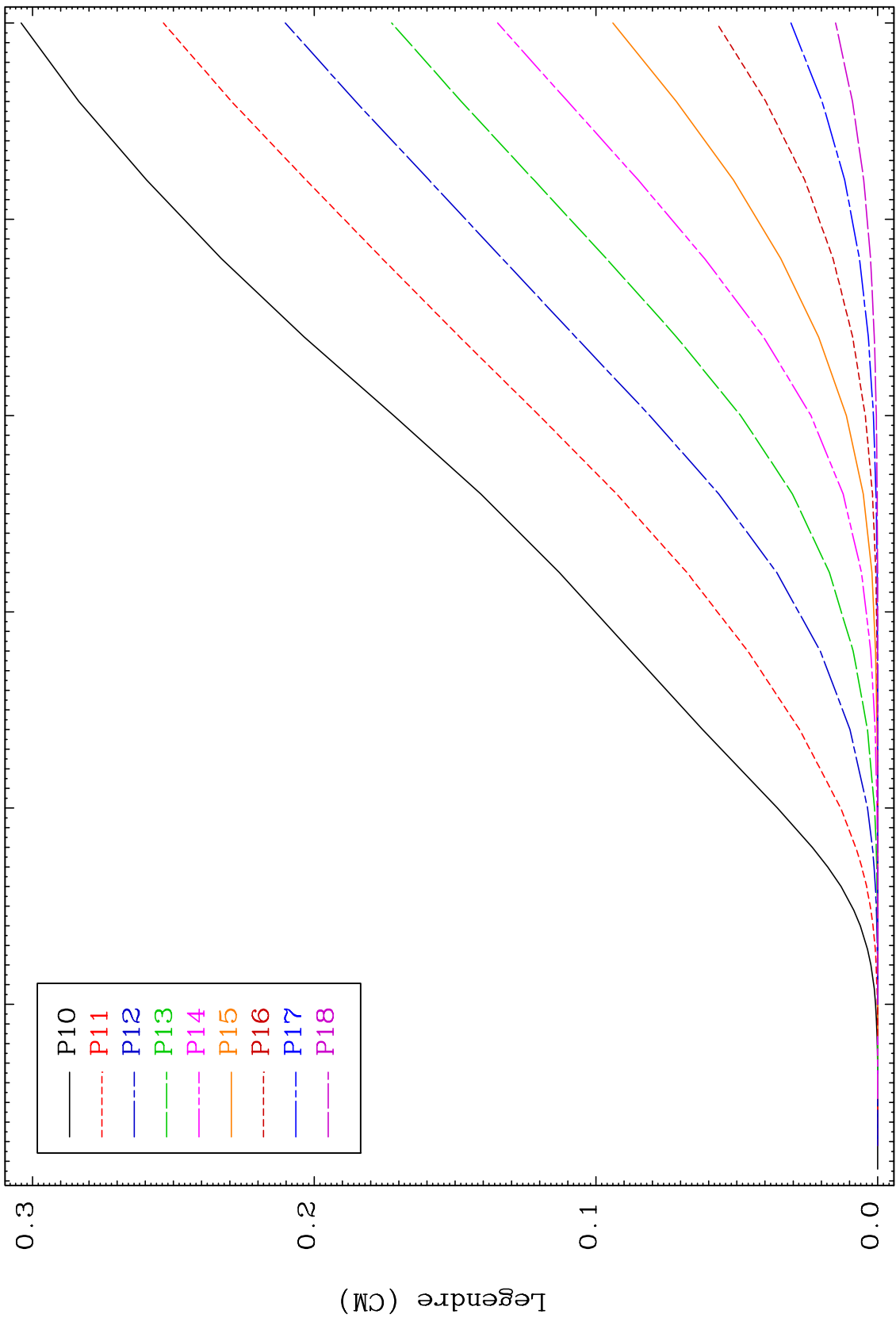
Incident Energy (MeV)

54-Xe-118

MAT 5407

Elastic Legendre Coefficients

54-Xe-118



19

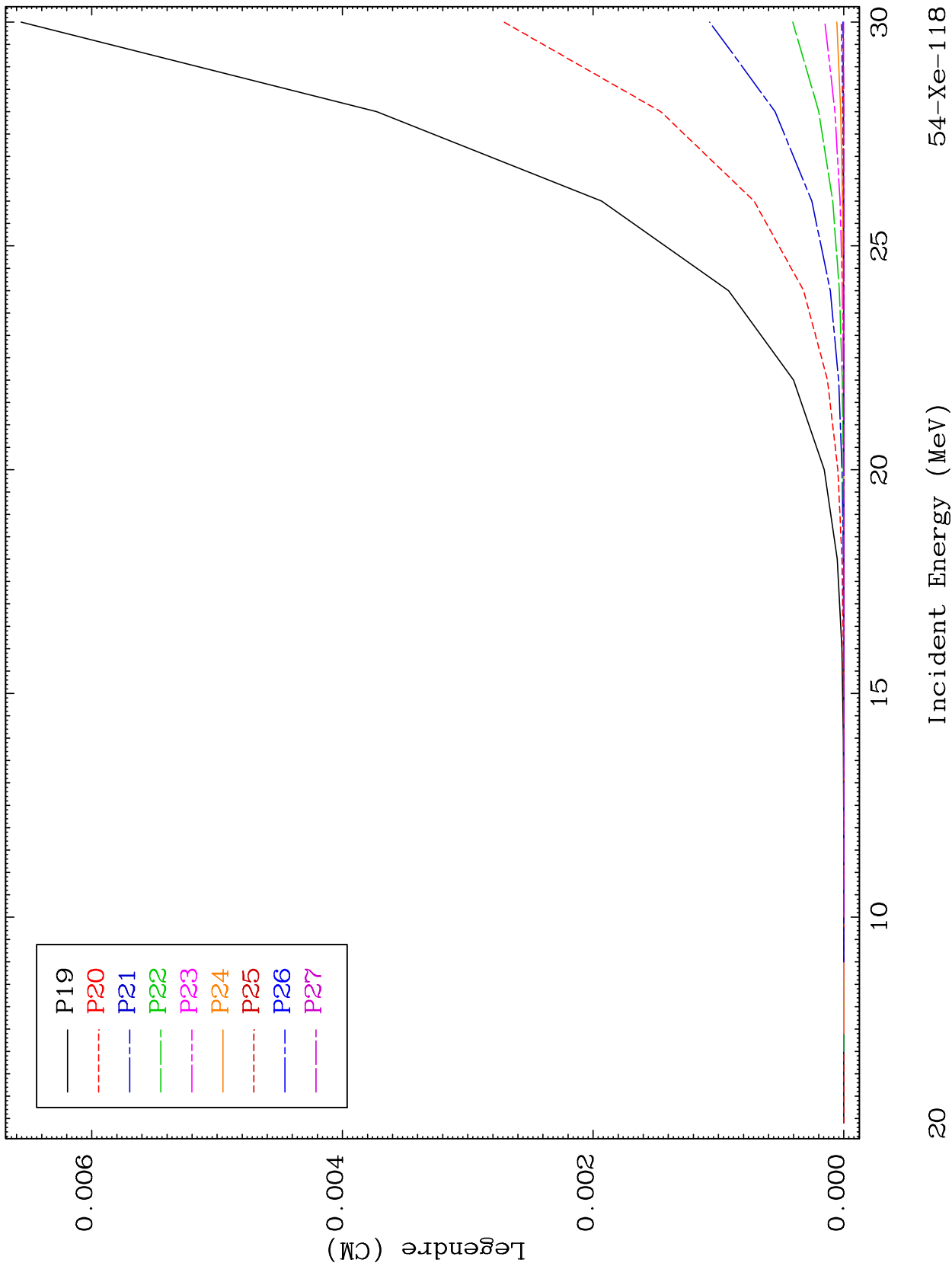
54-Xe-118

Incident Energy (MeV)

MAT 5407

Elastic
Legendre Coefficients

54-Xe-118



20

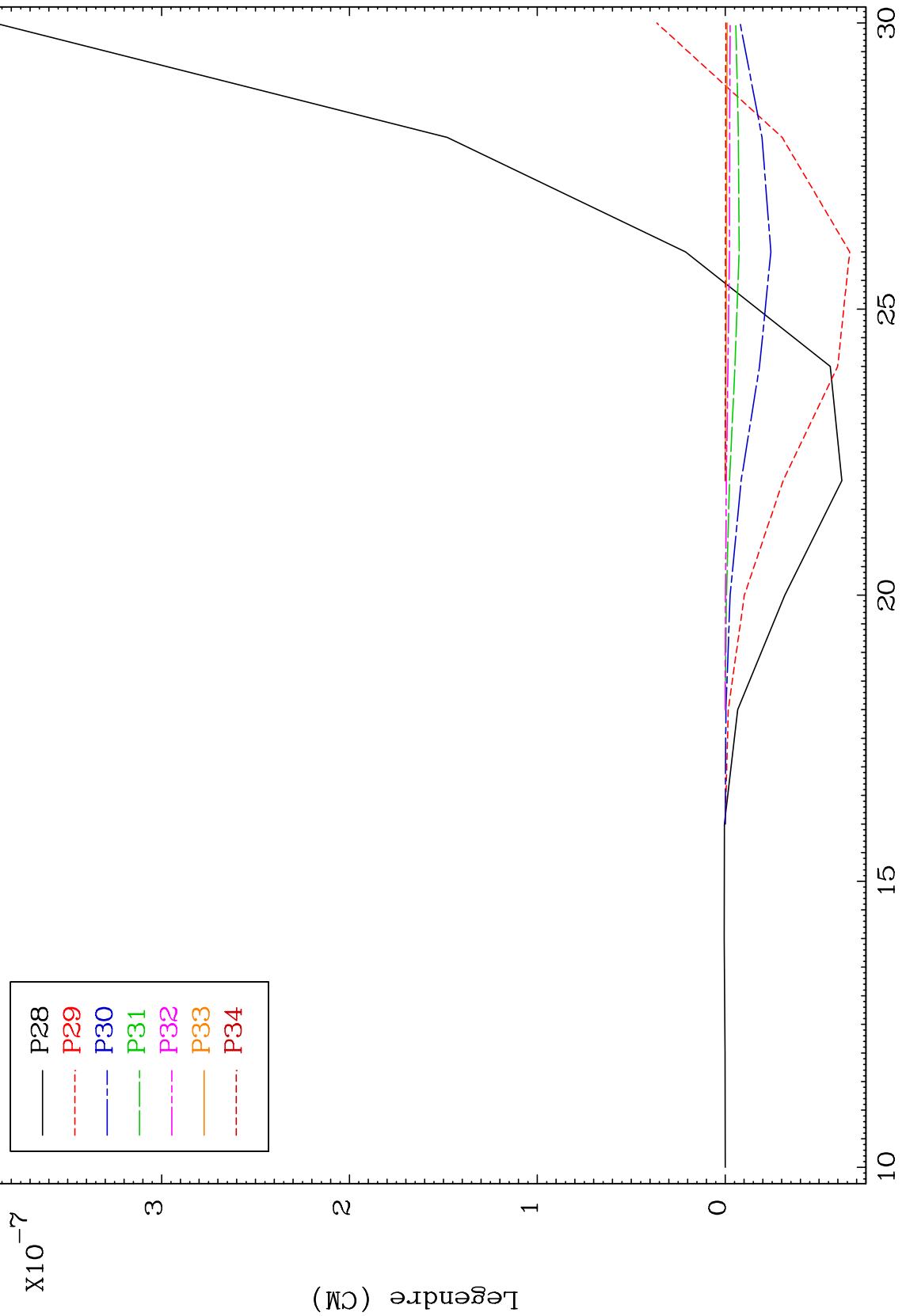
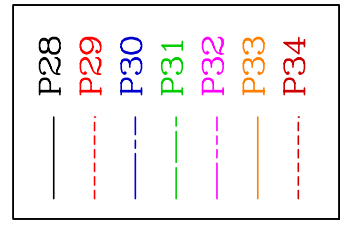
Incident Energy (MeV)

54-Xe-118

MAT 5407

Elastic Legendre Coefficients

54-Xe-118



21

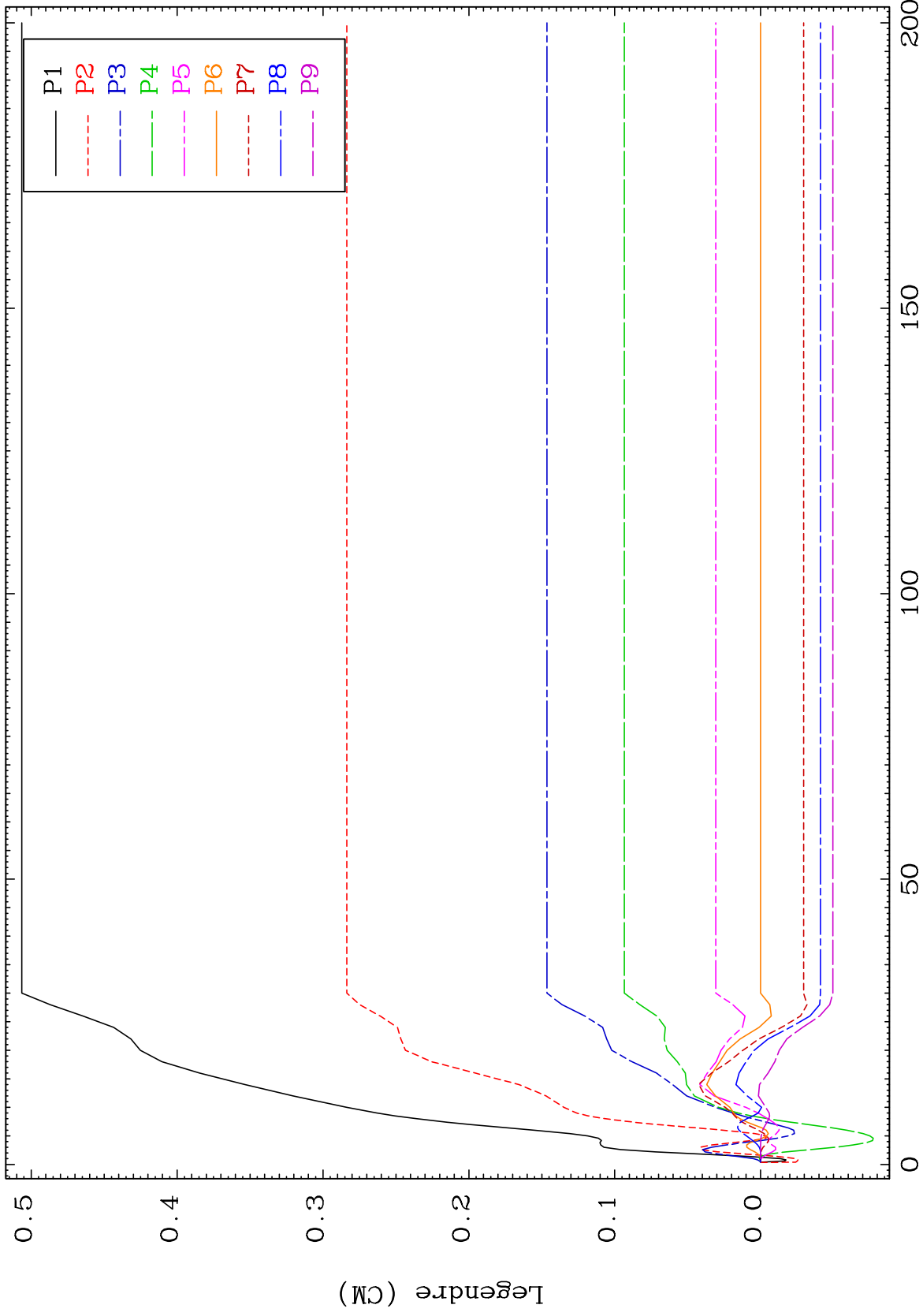
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



22

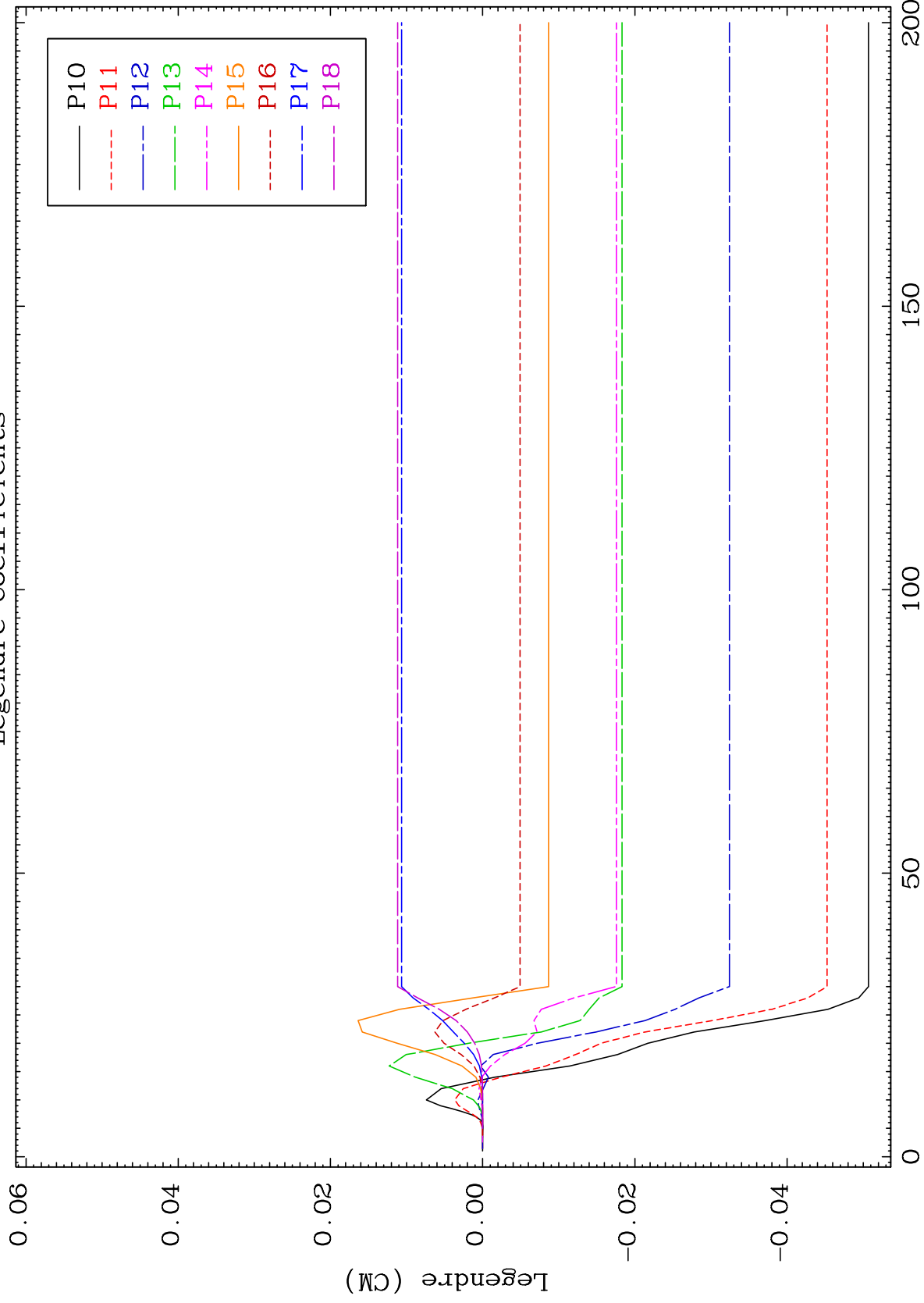
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

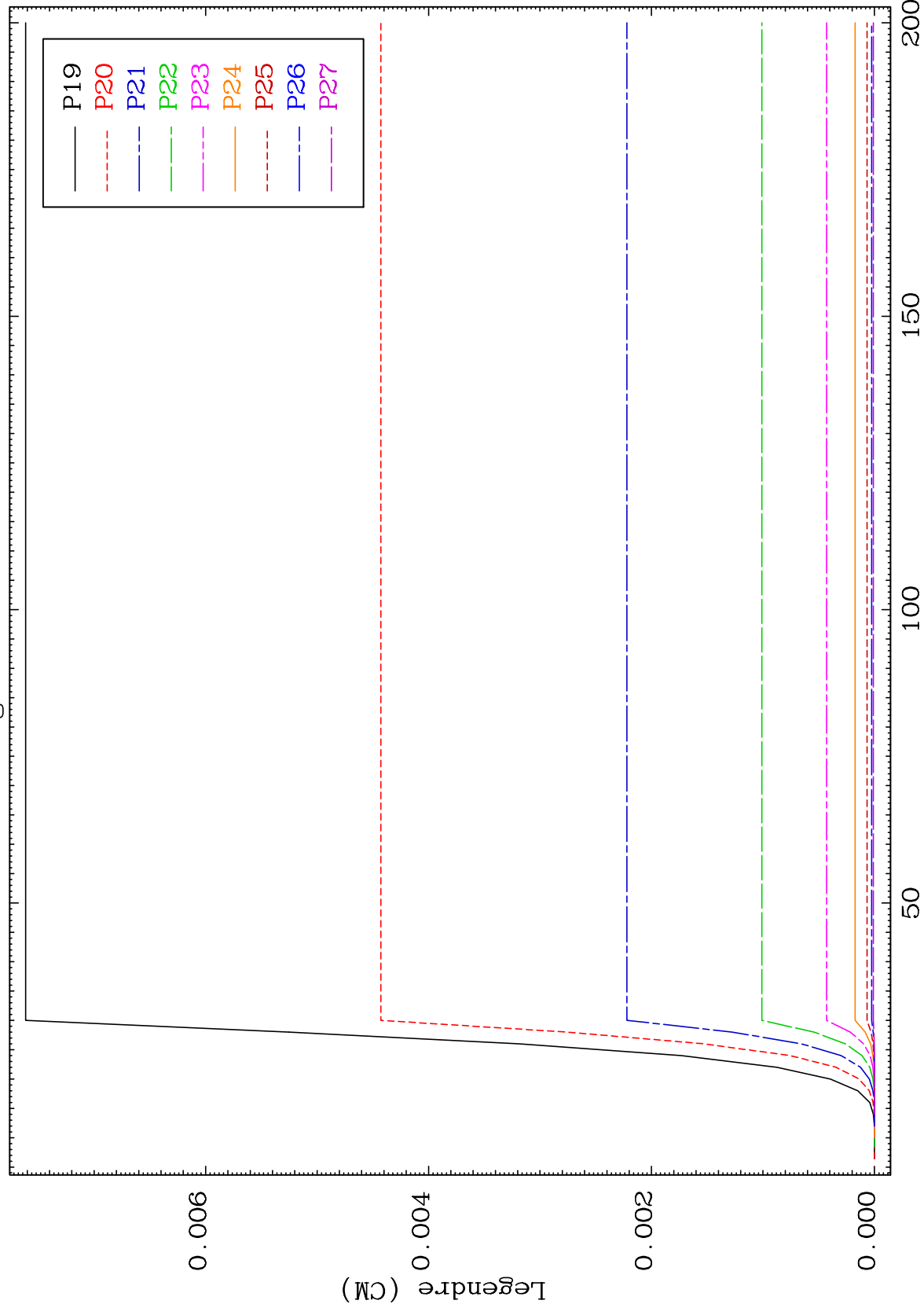
54-Xe-118



MAT 5407

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

54-Xe-118



24

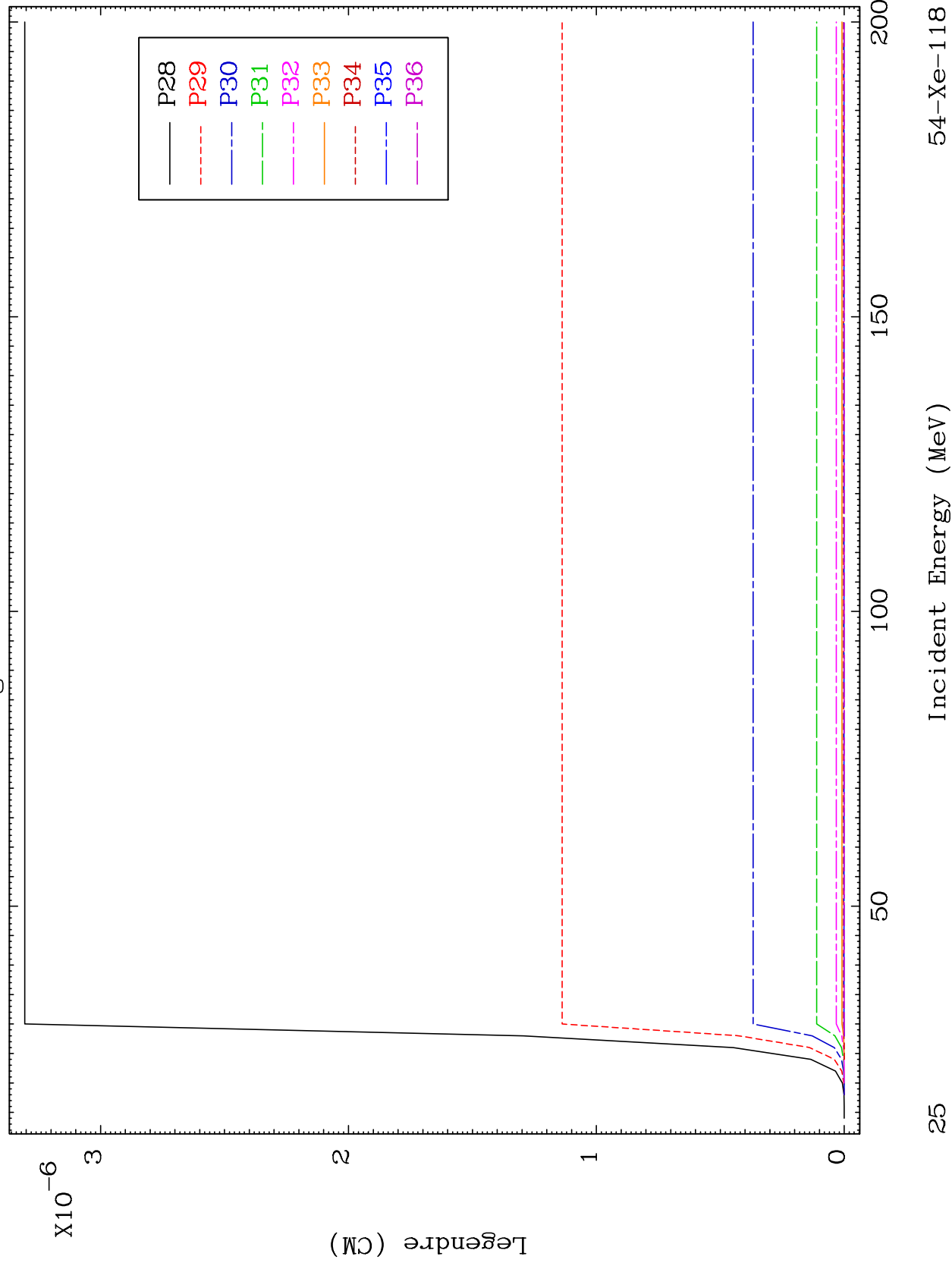
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



25

50

100

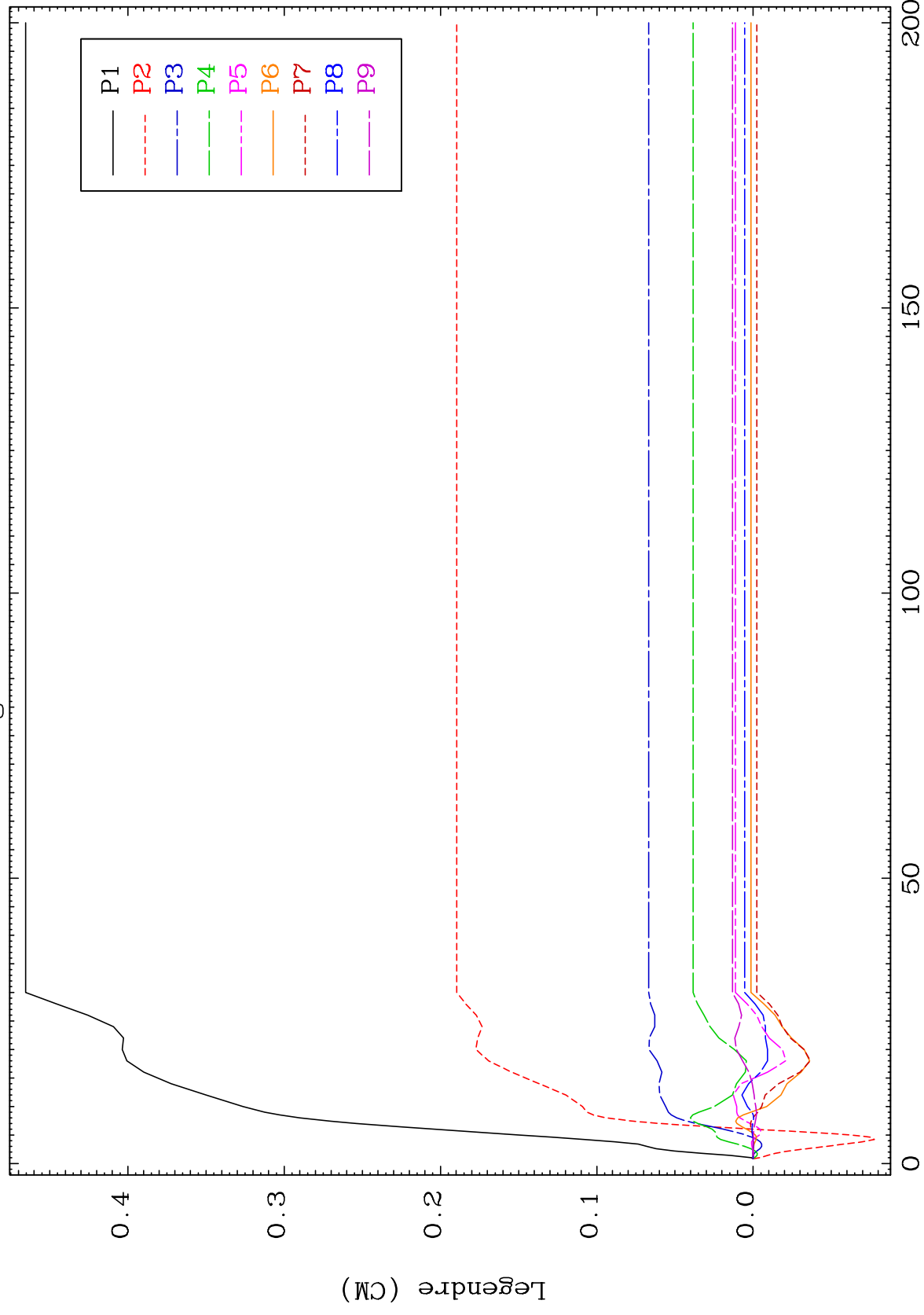
150

200

MAT 5407

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

54-Xe-118



26

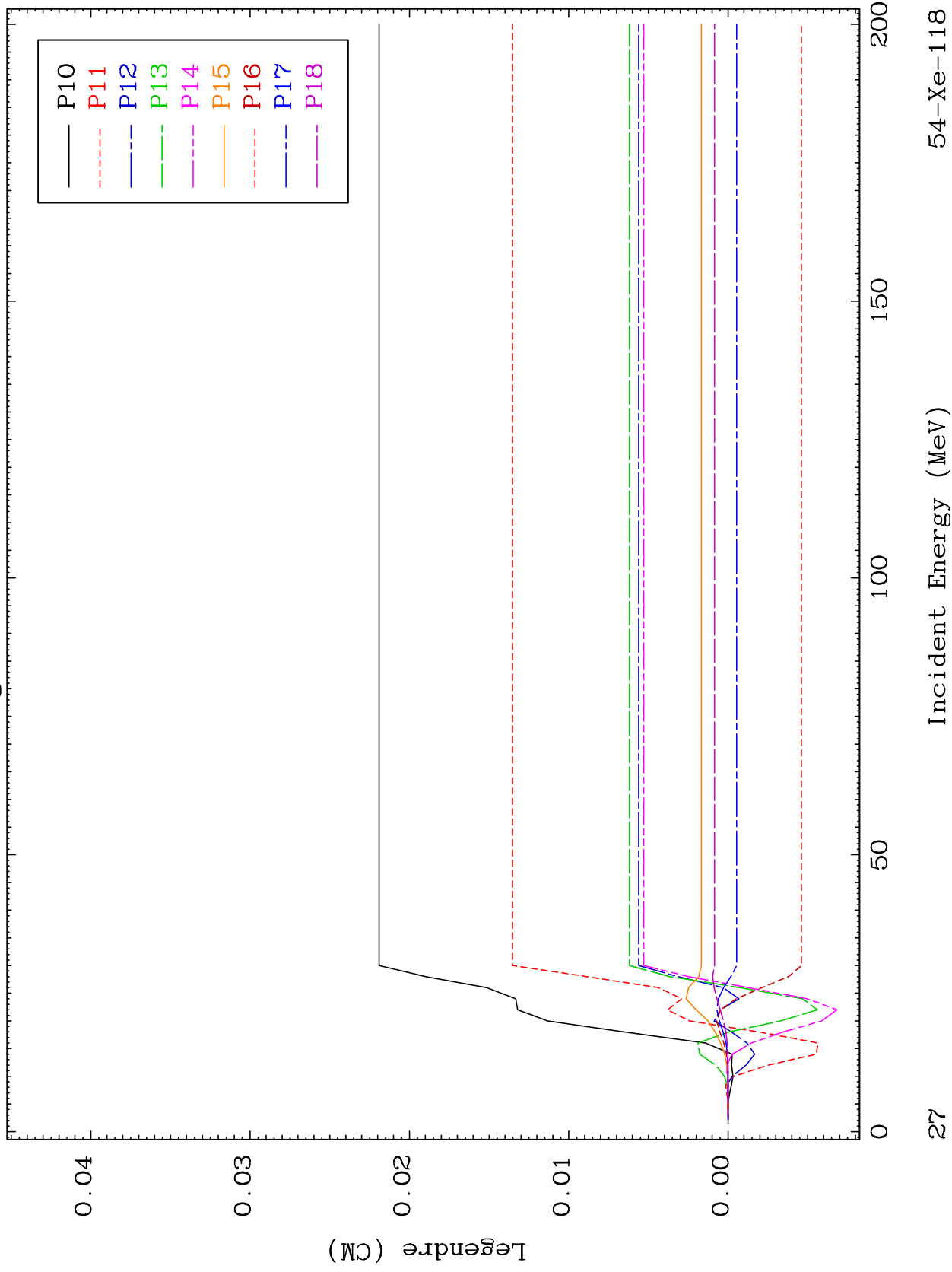
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

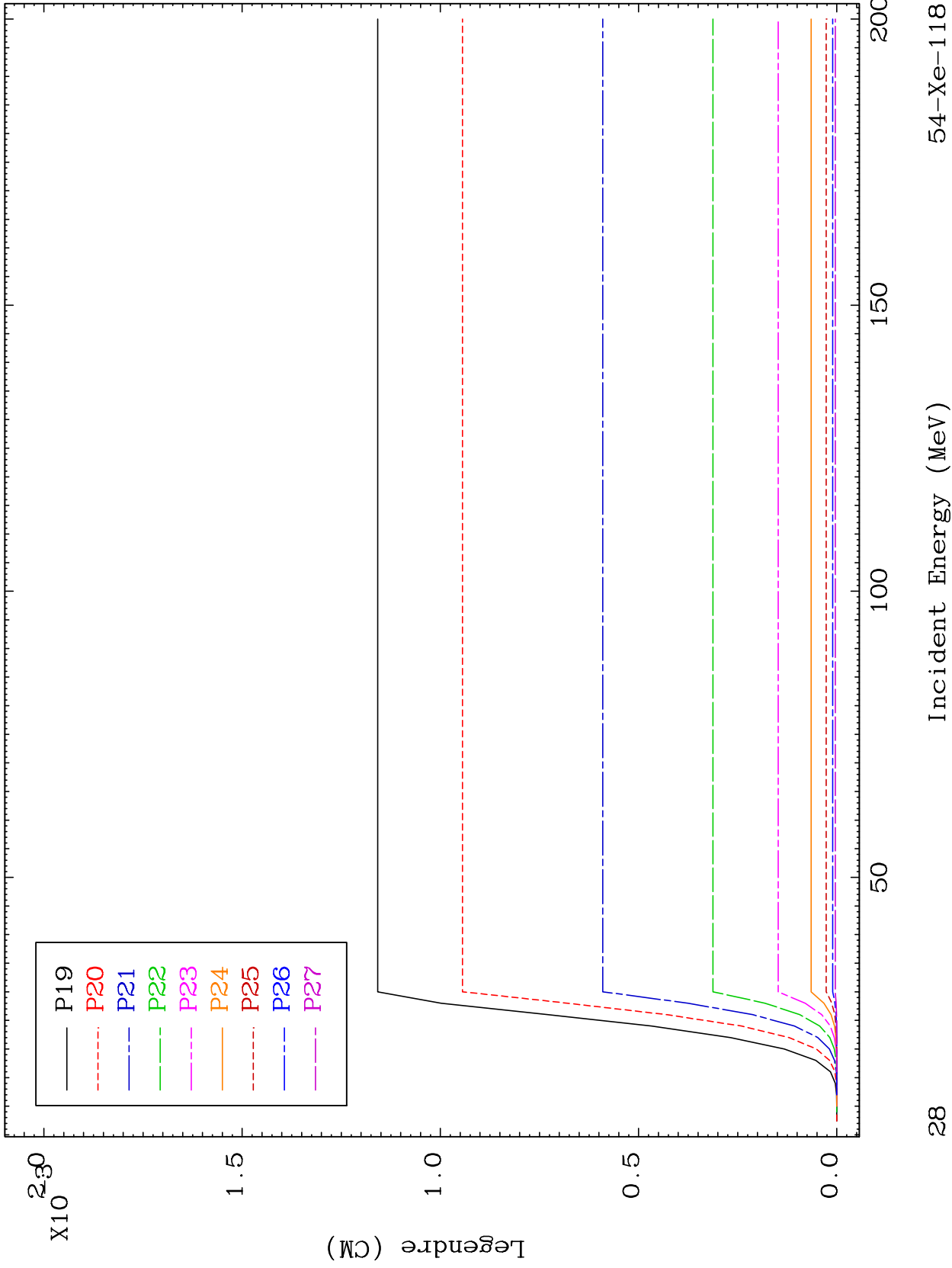
54-Xe-118



54-Xe-118

Incident Energy (MeV)

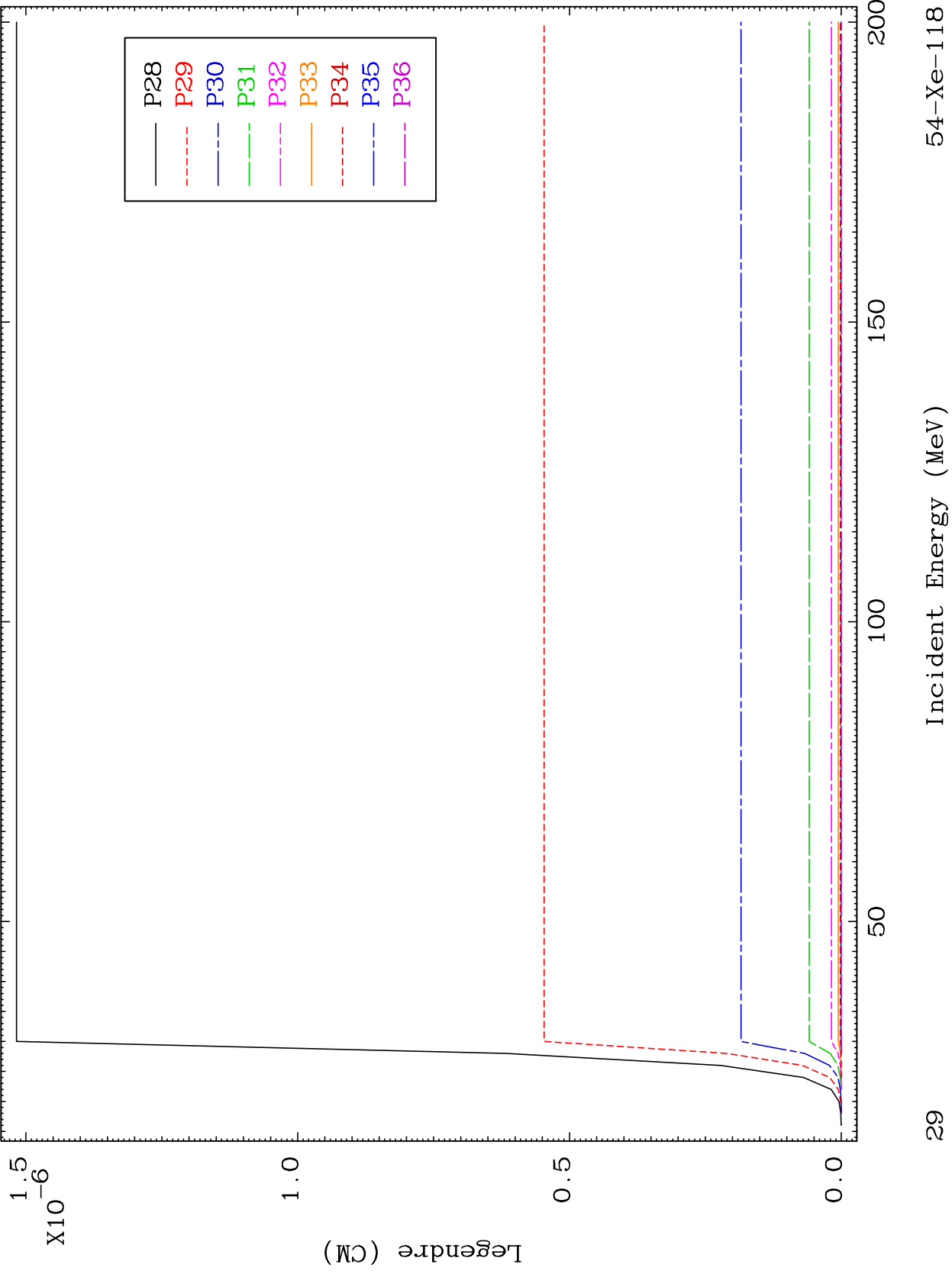
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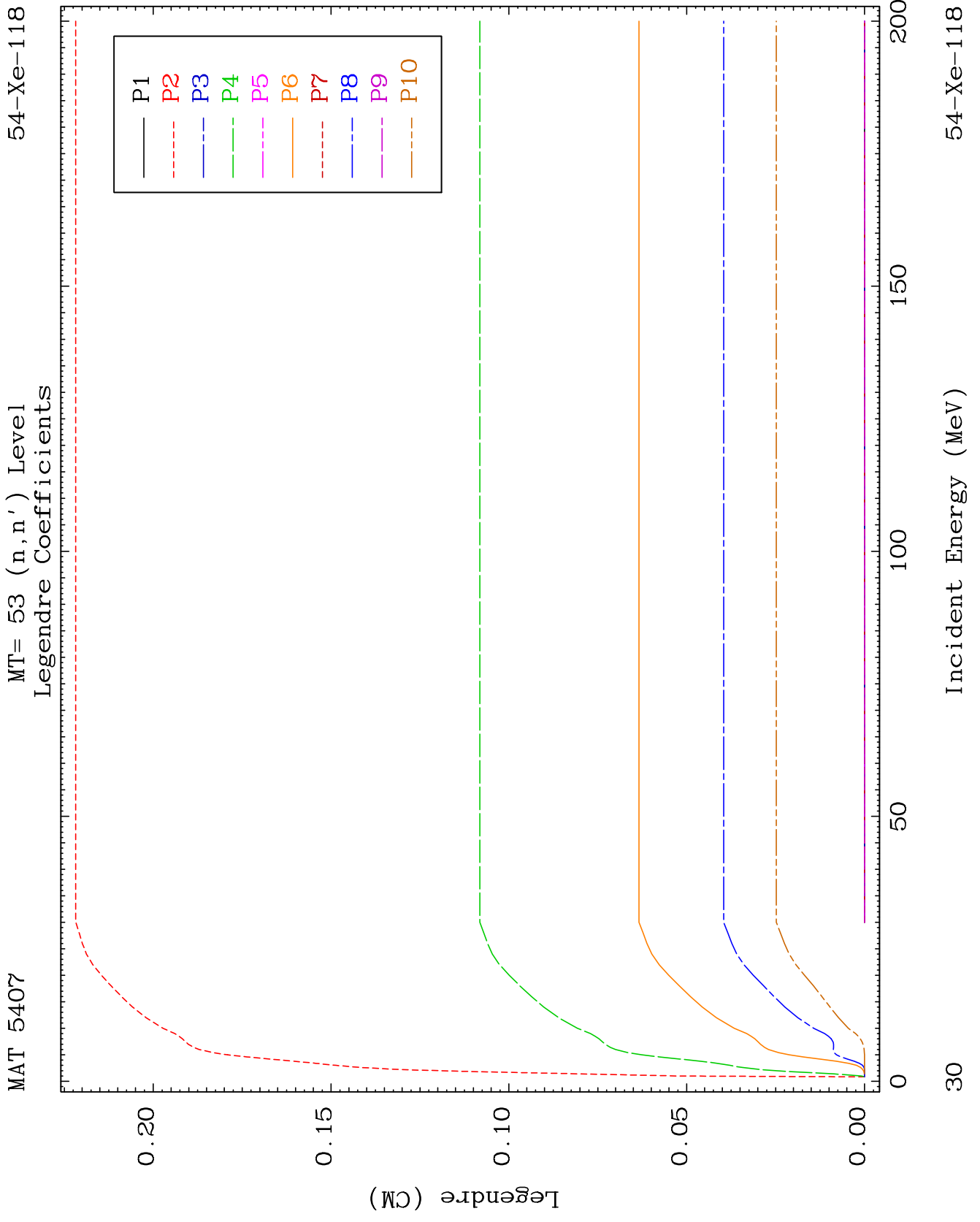
MAT 5407

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

54-Xe-118



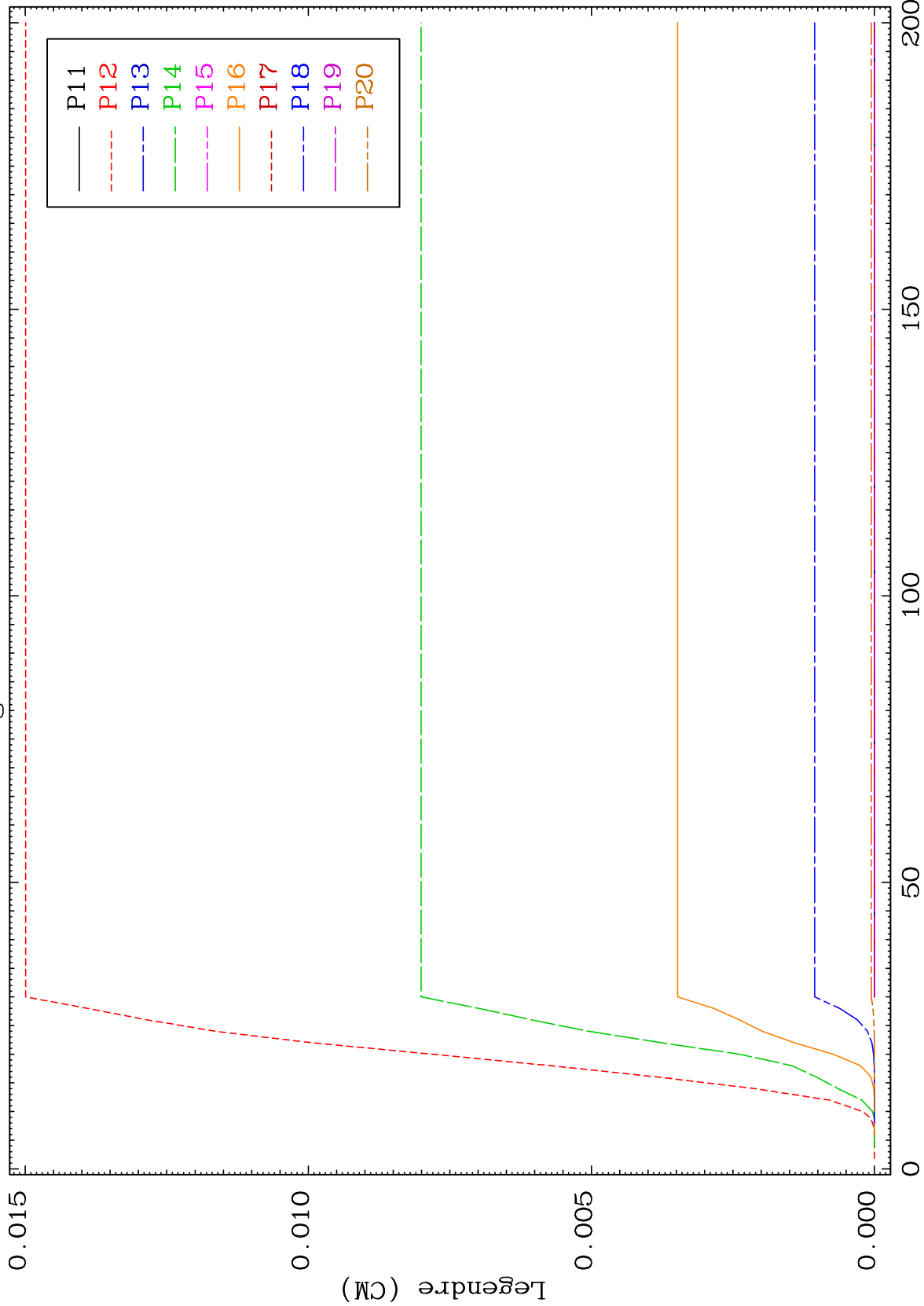
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MAT 5407

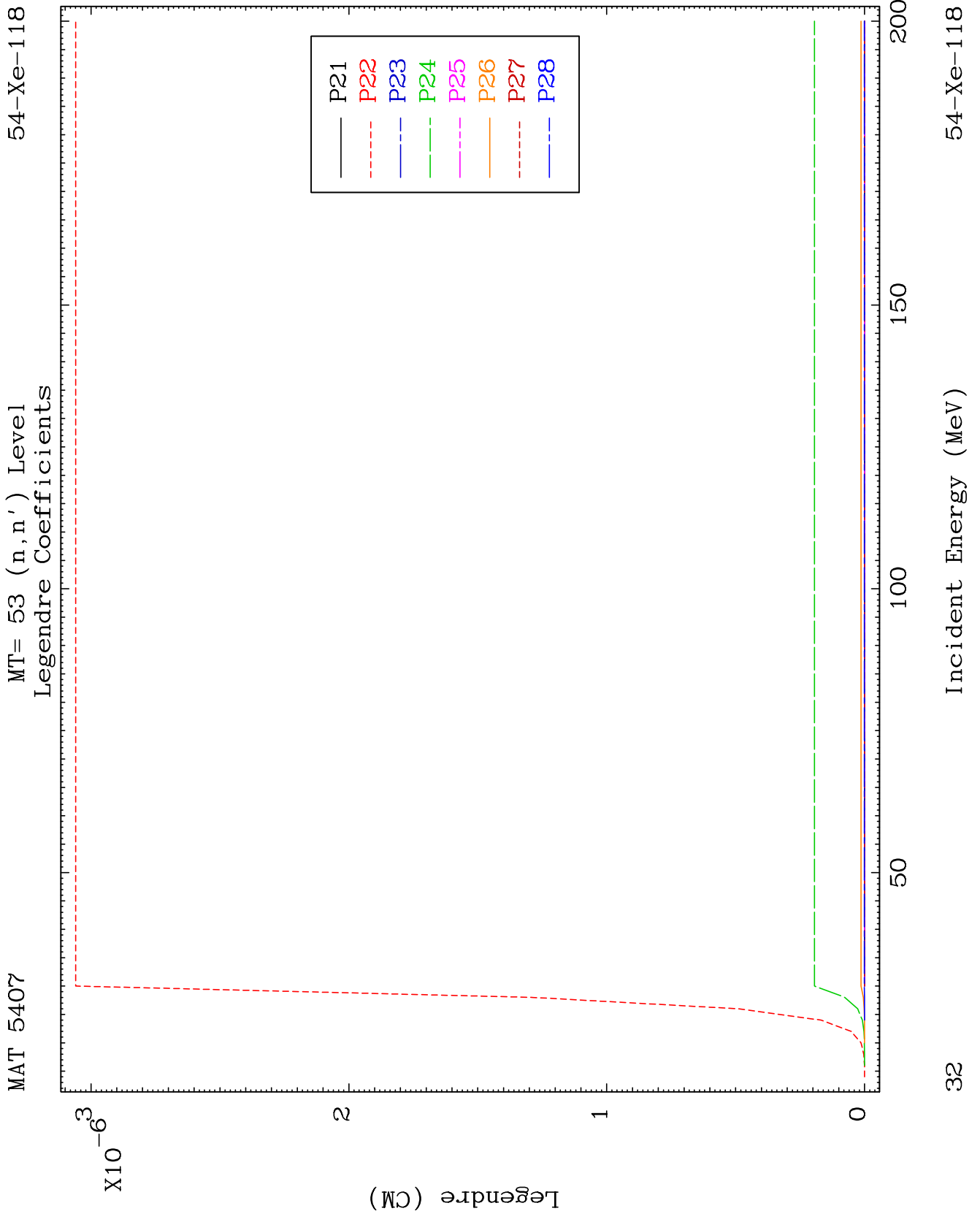
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Legendre Coefficients

54-Xe-118



31

54-Xe-118

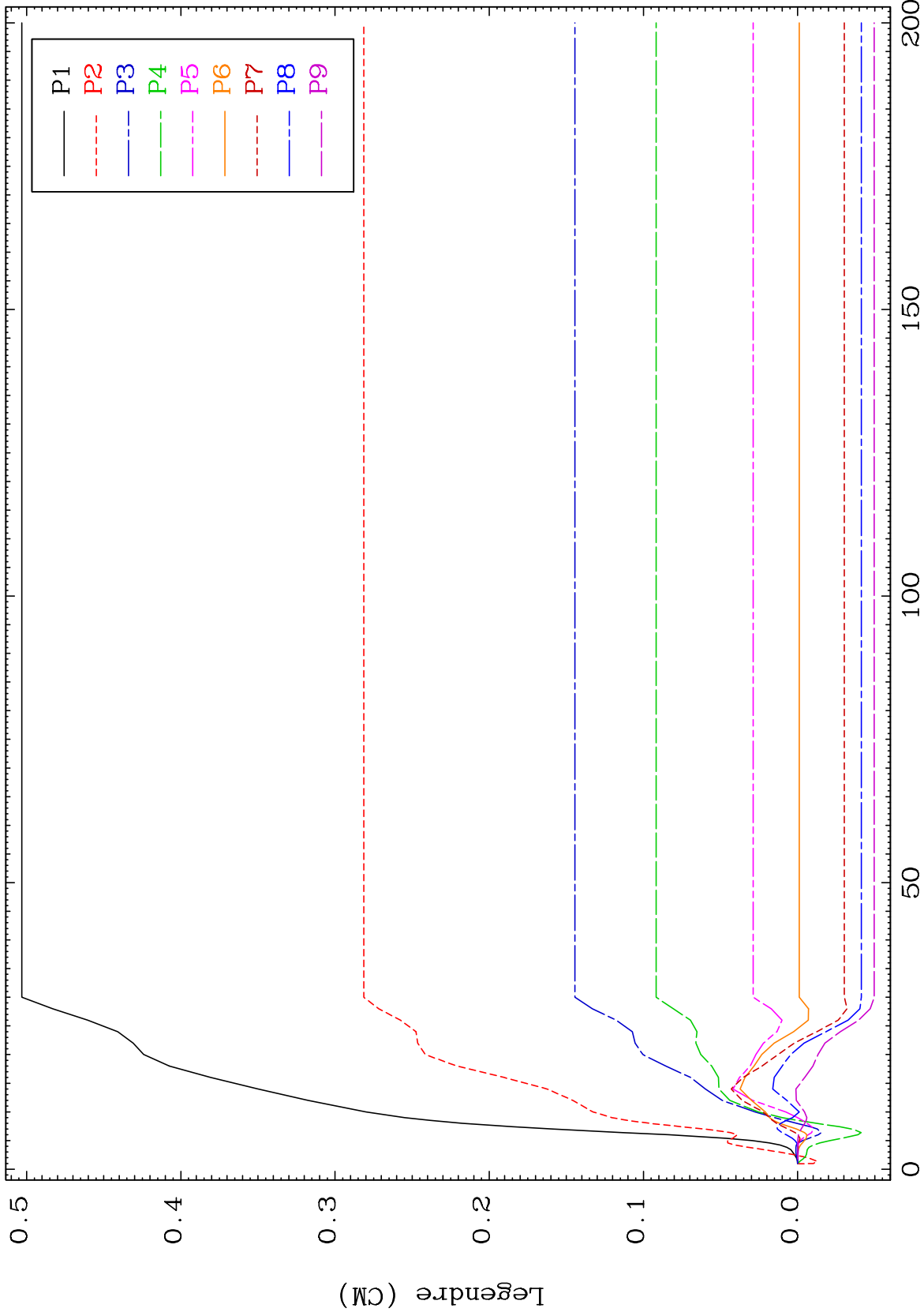


MAT 5407

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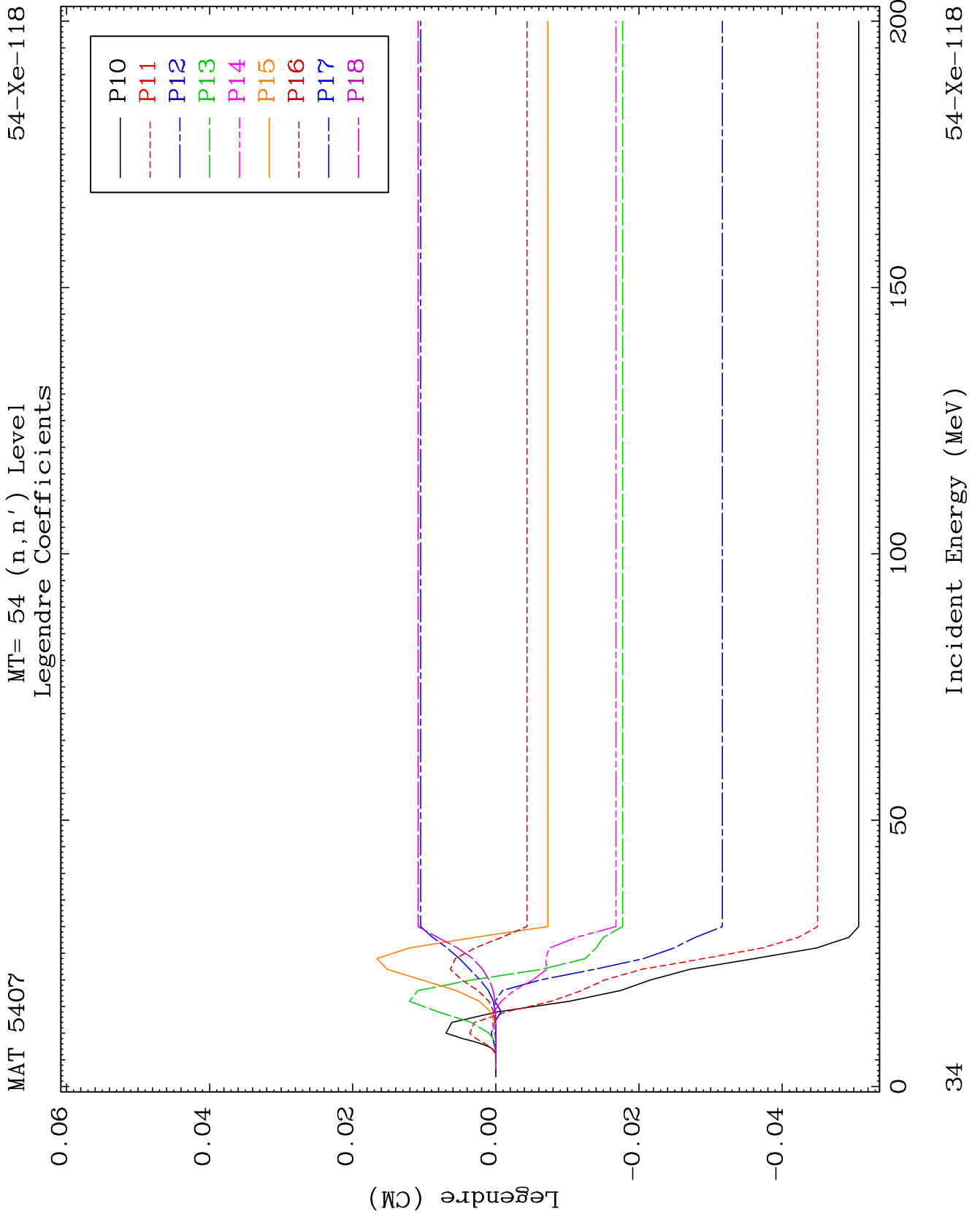
54-Xe-118

Legendre Coefficients



33

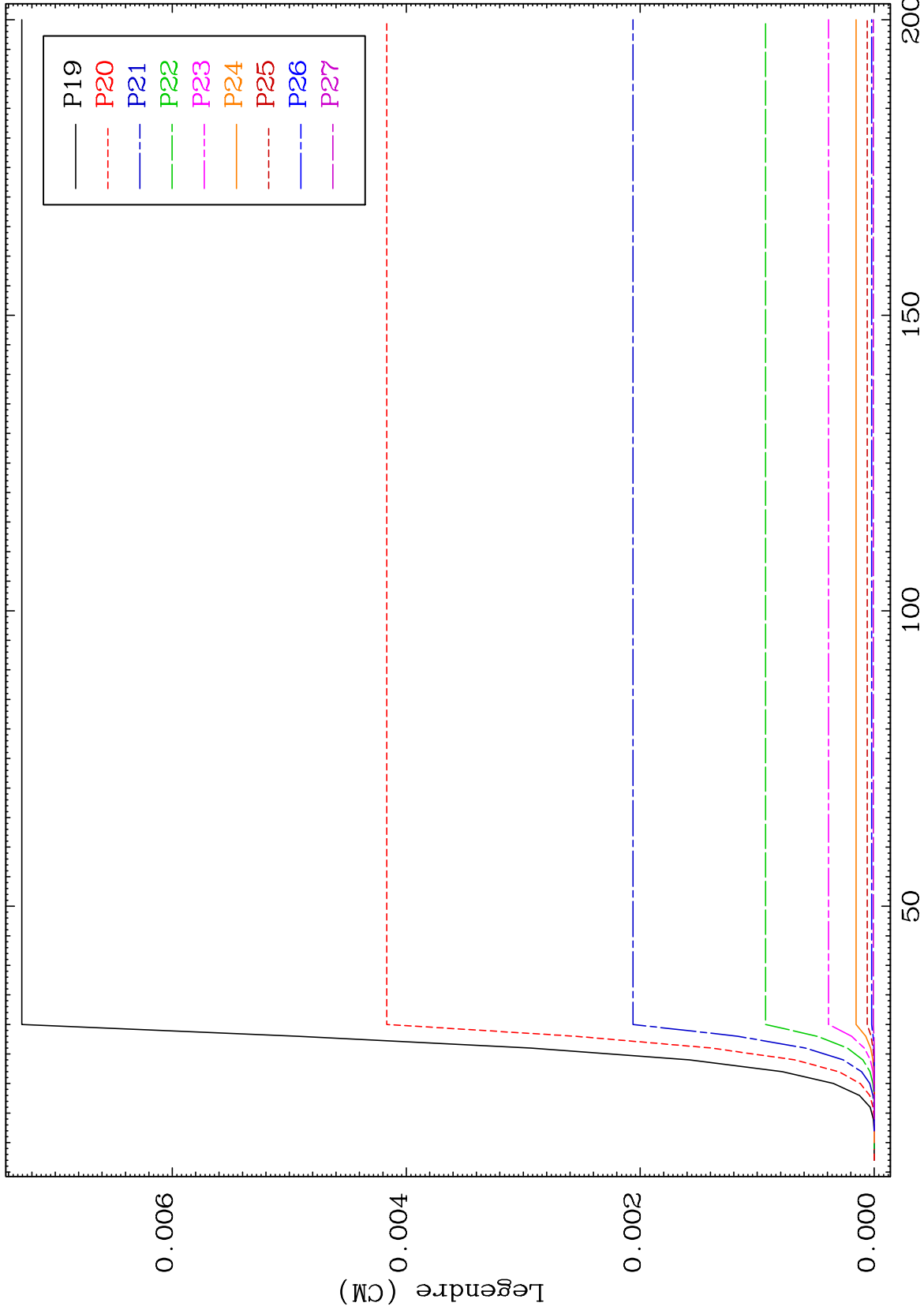
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

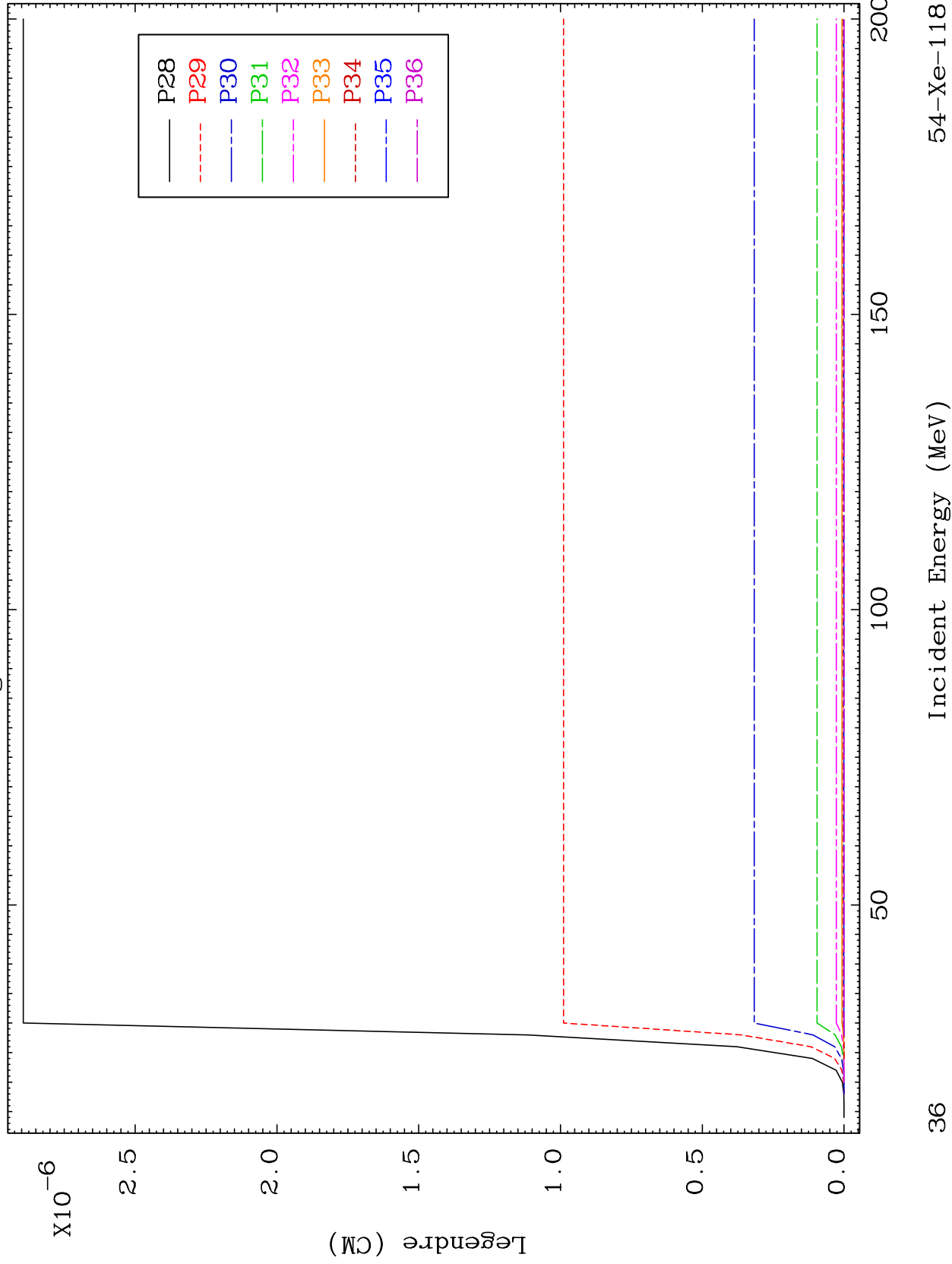
Incident Energy (MeV)

35

MAT 5407

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

54-Xe-118

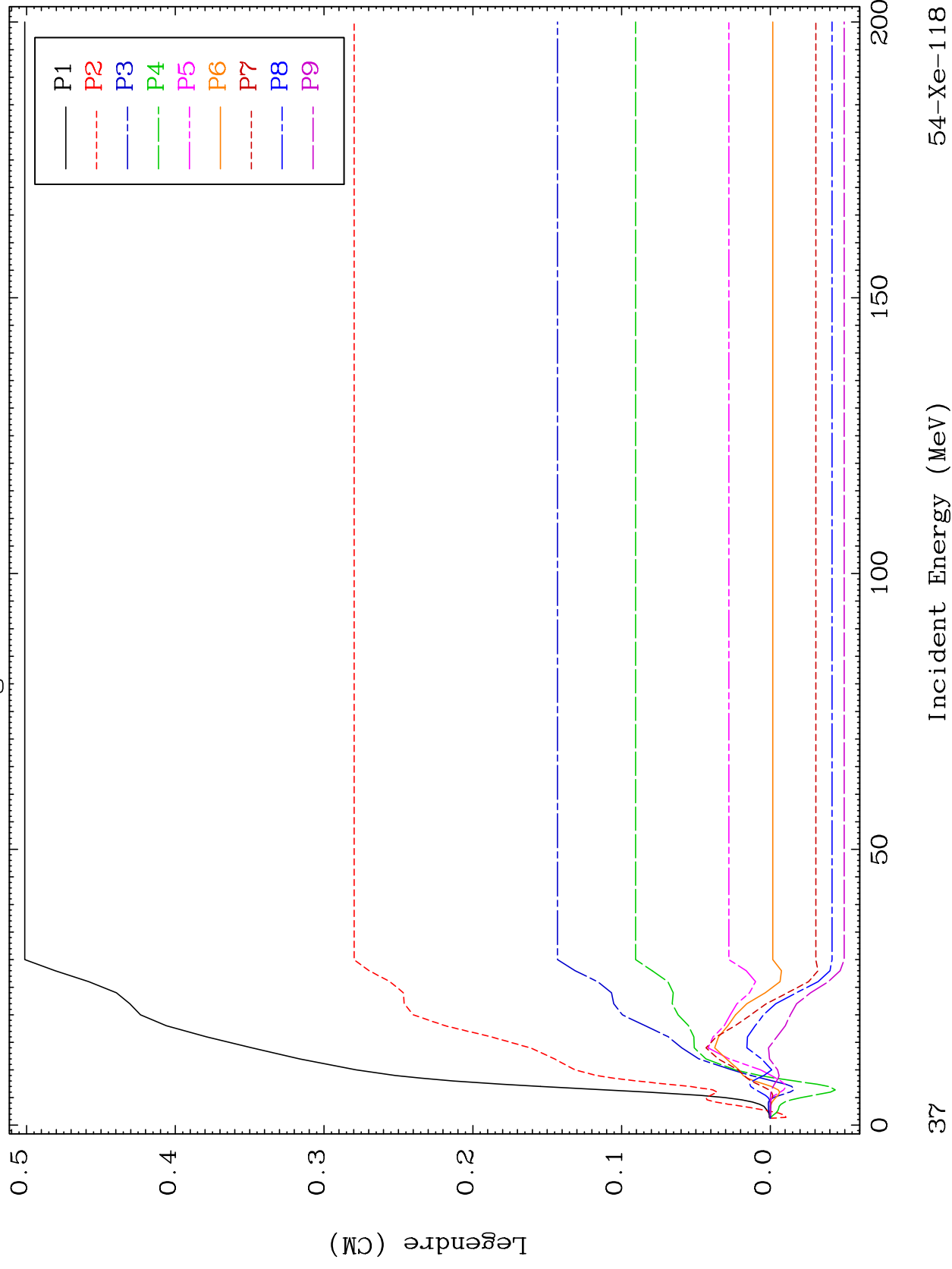


36

MAT 5407

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

54-Xe-118



54-Xe-118

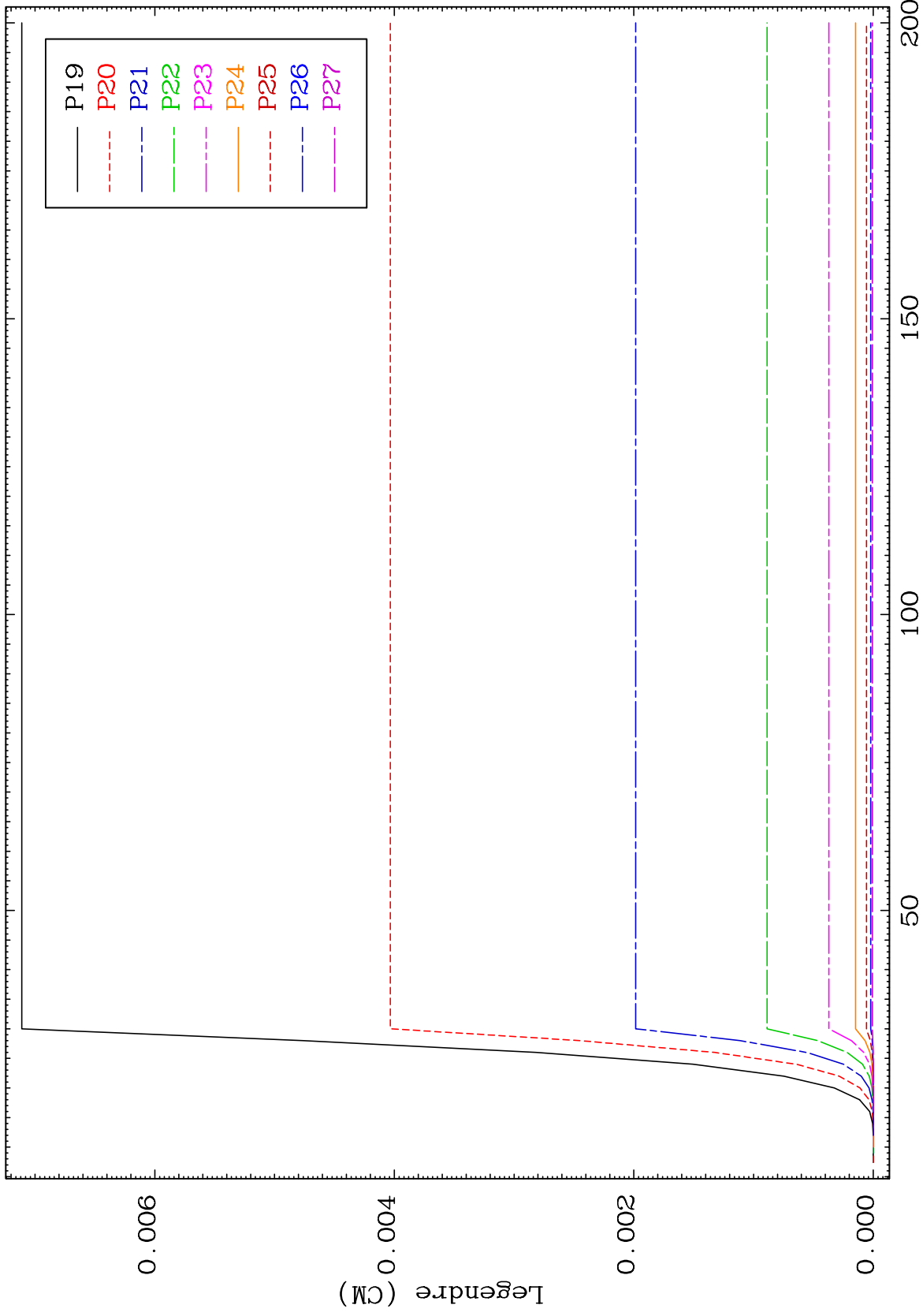
Incident Energy (MeV)

37

MAT 5407

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

54-Xe-118



39

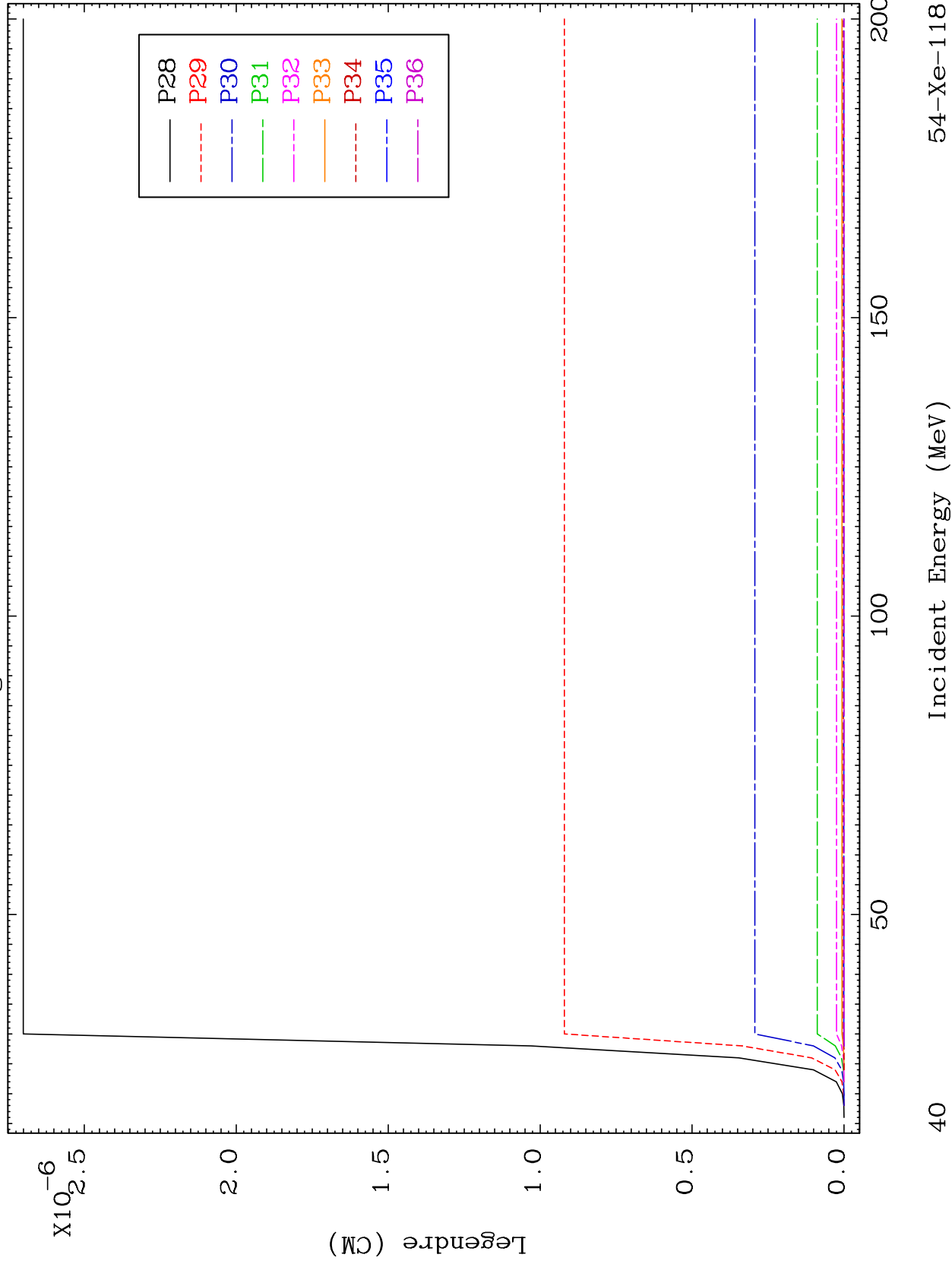
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

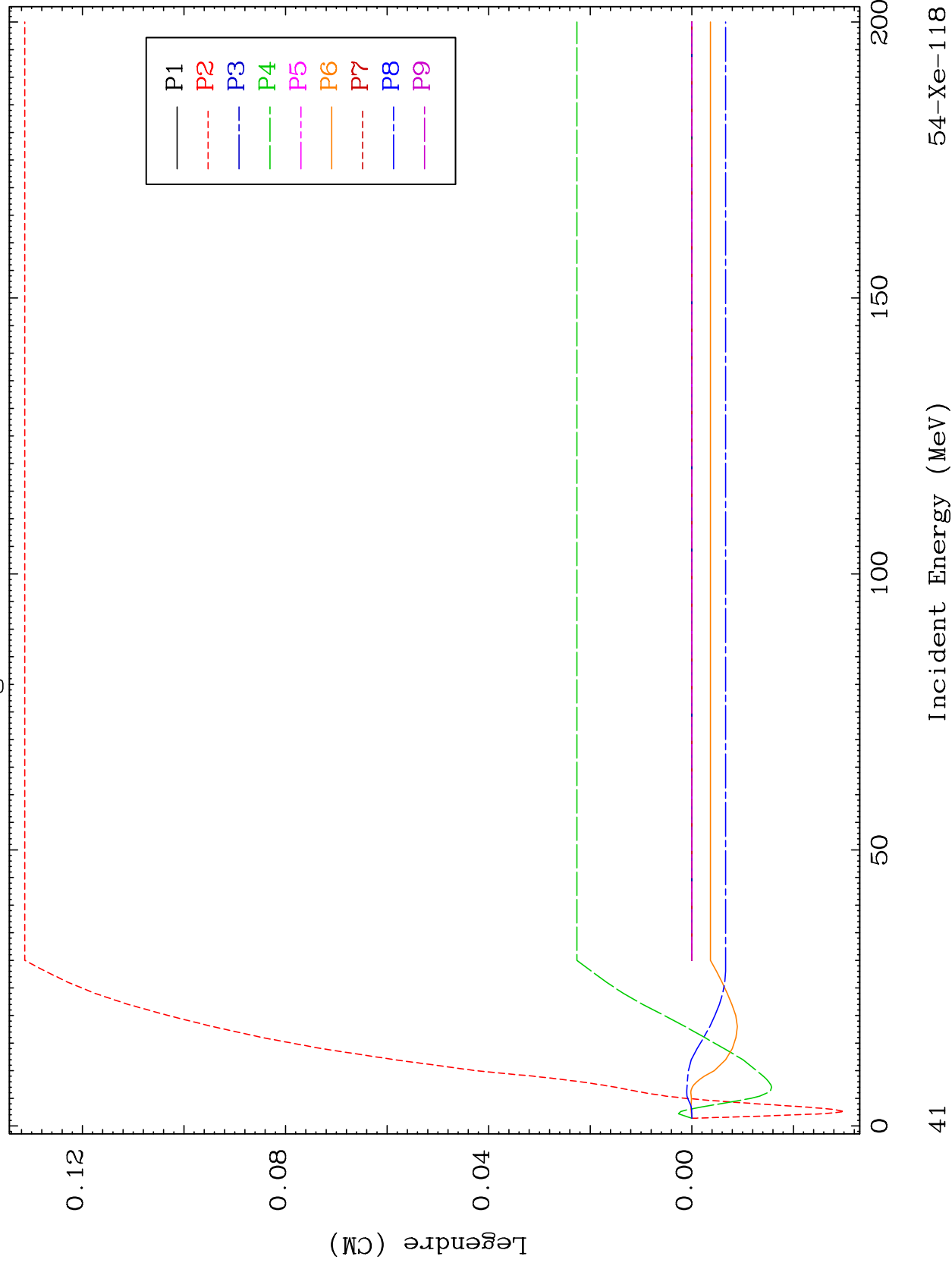
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

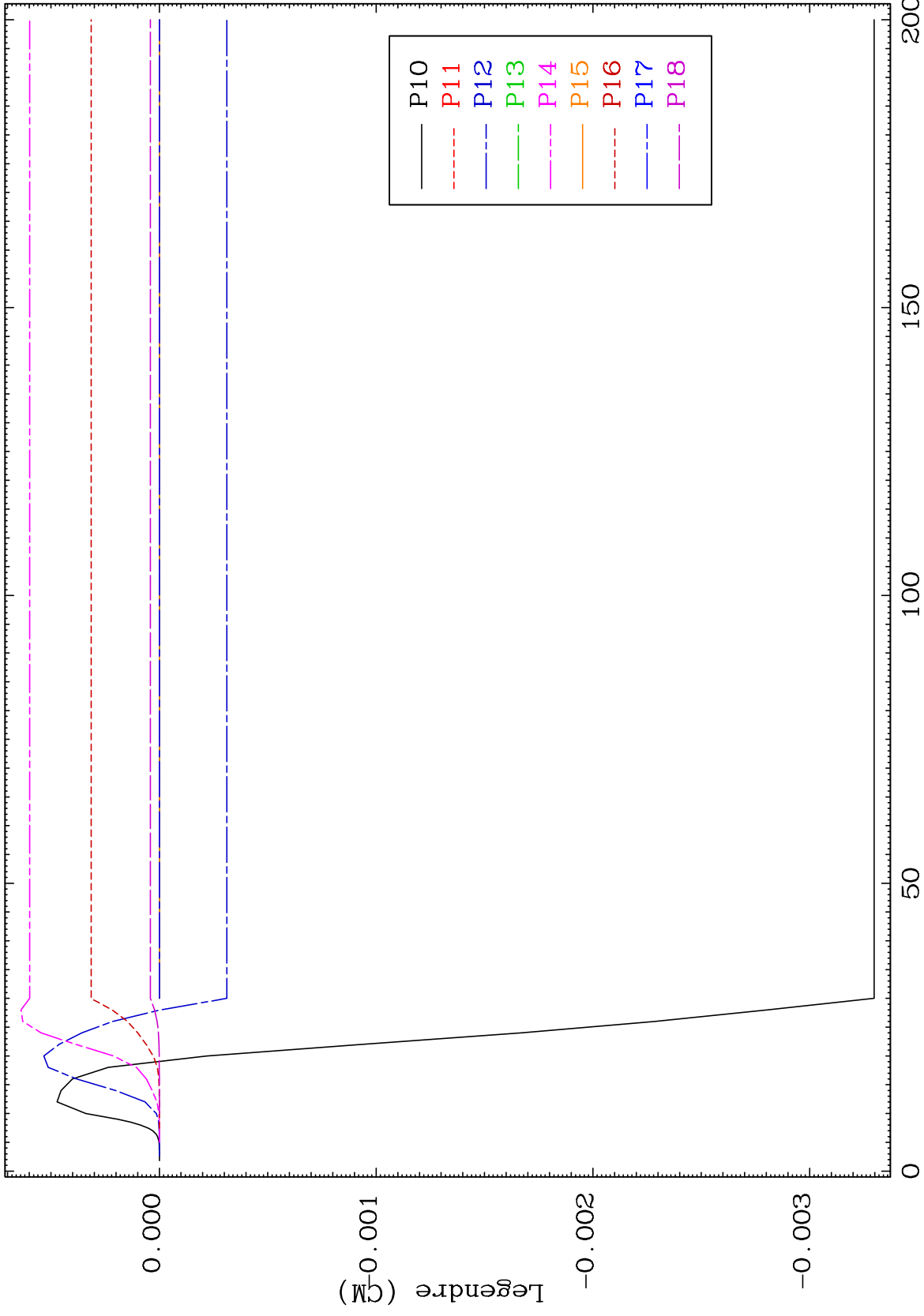
Incident Energy (MeV)

41

MAT 5407

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

54-Xe-118



42

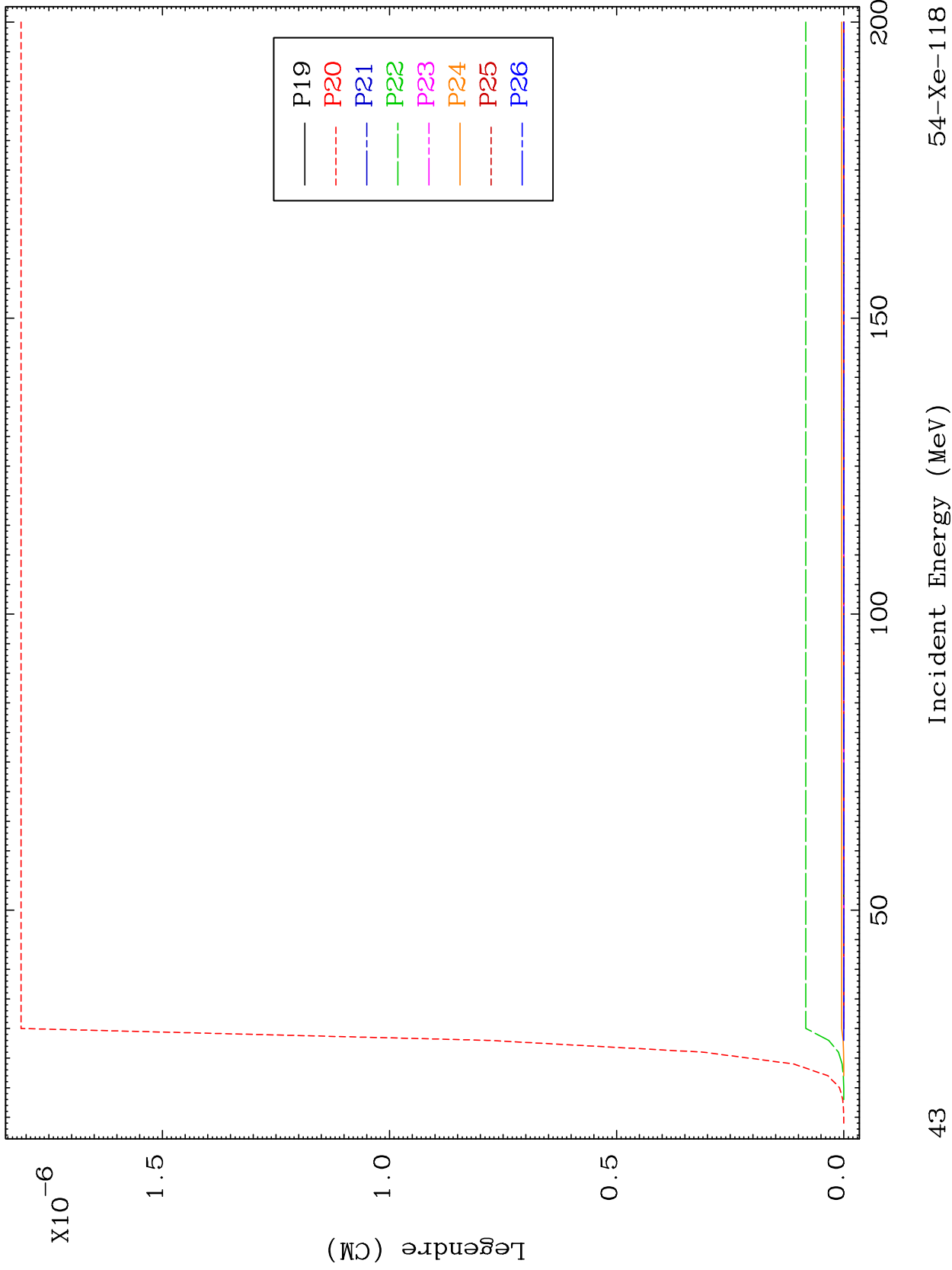
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



43

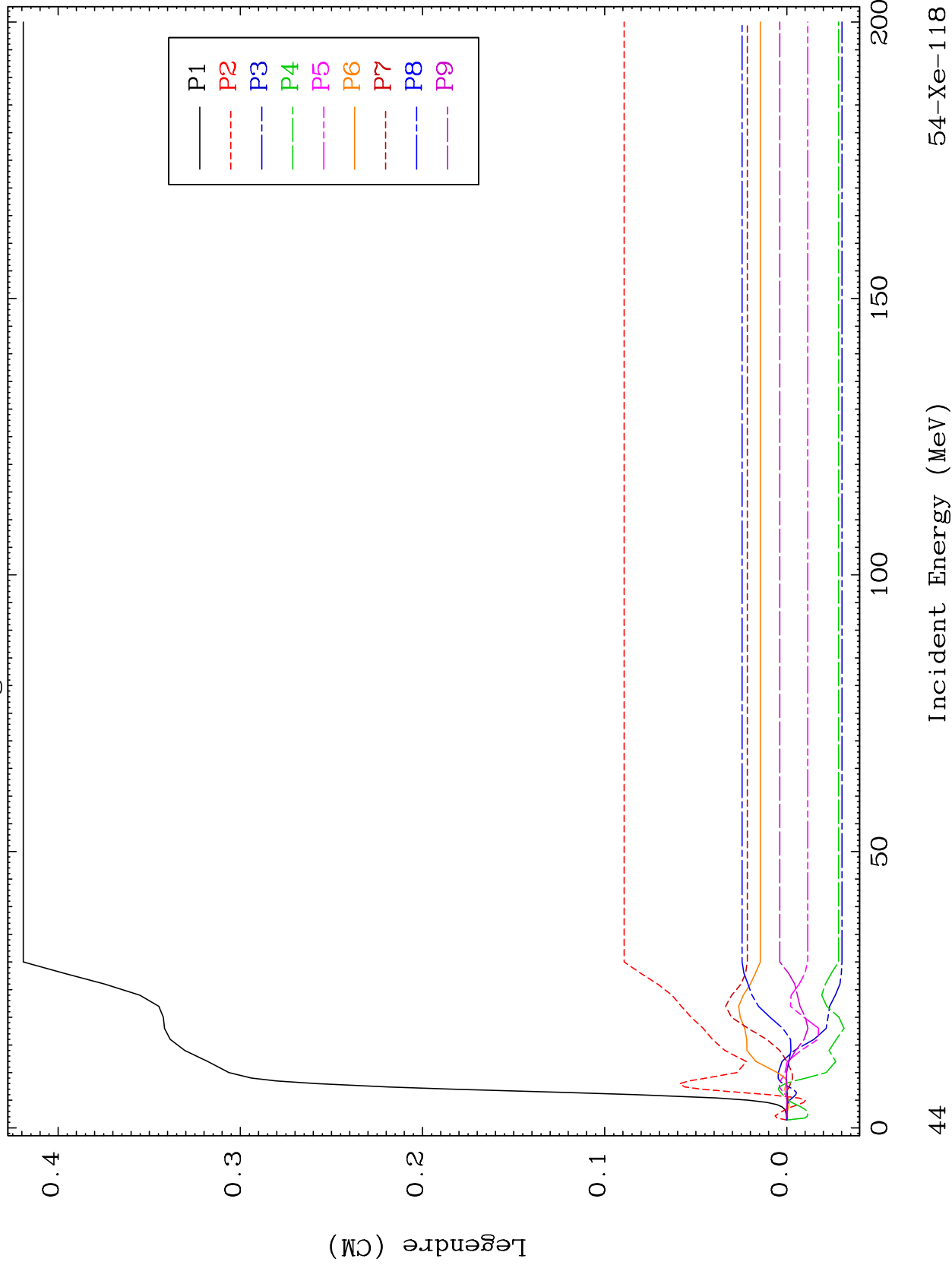
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



54-Xe-118

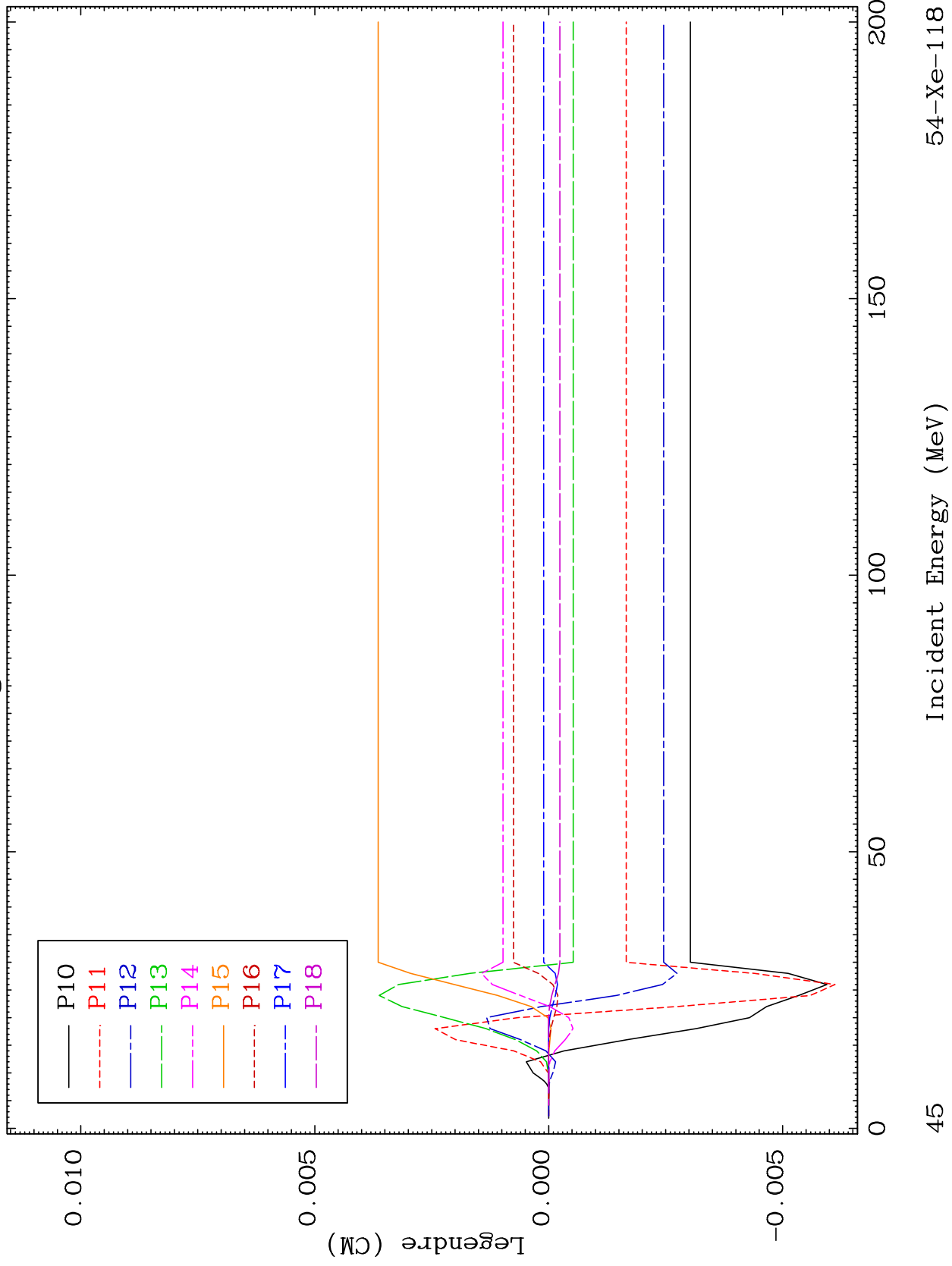
Incident Energy (MeV)

44

MAT 5407

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

54-Xe-118



54-Xe-118

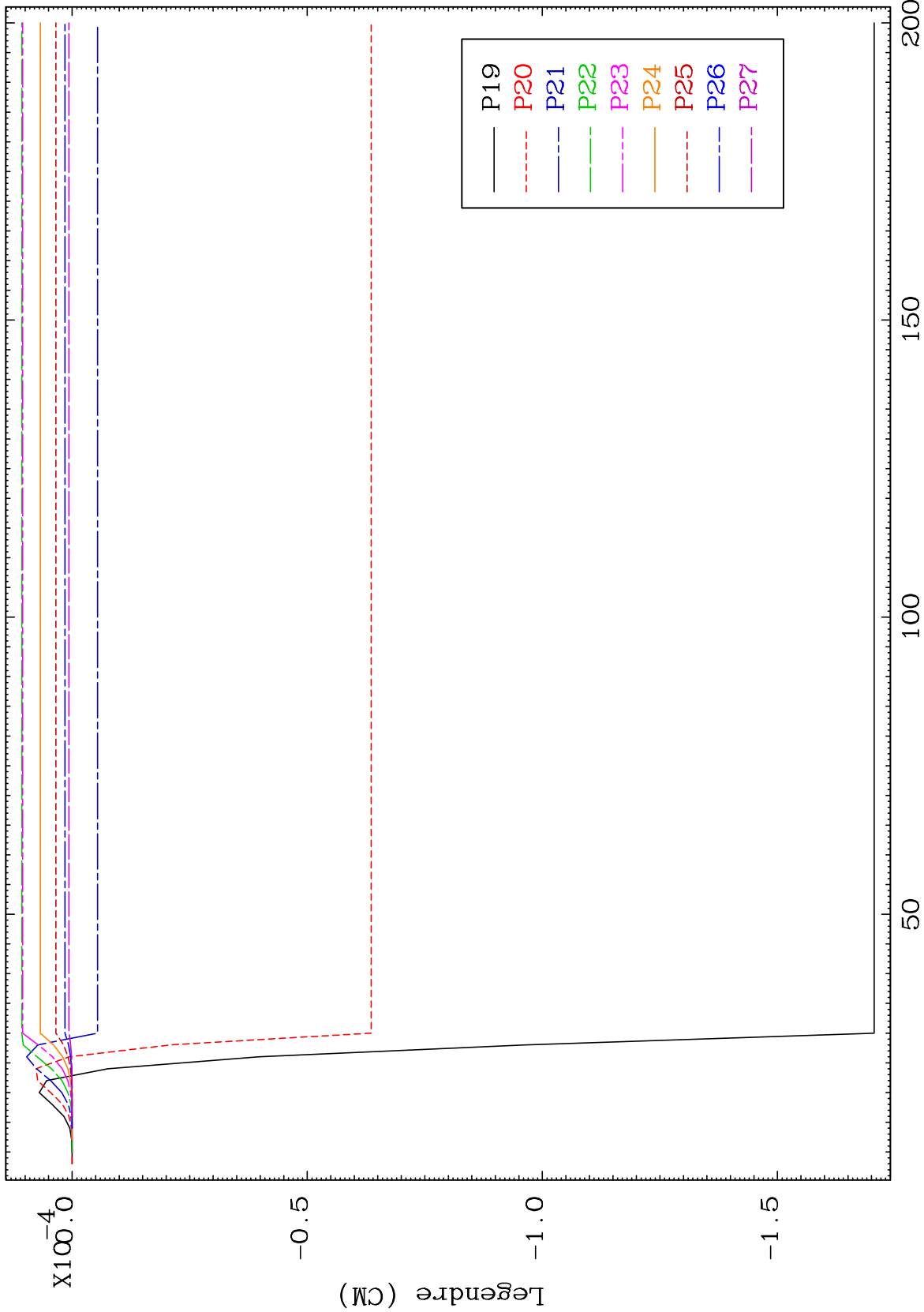
Incident Energy (MeV)

45

MAT 5407

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

54-Xe-118



46

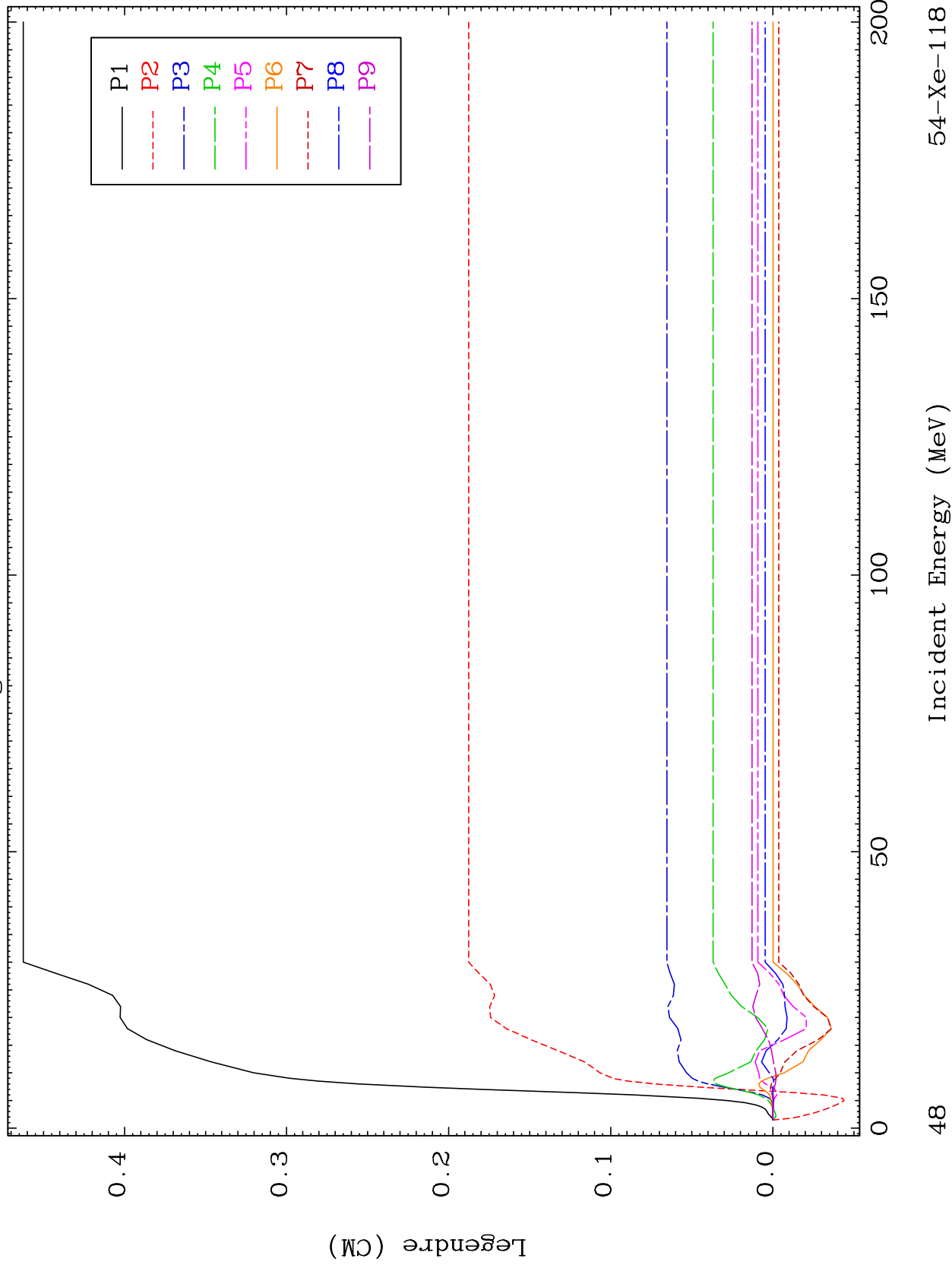
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



54-Xe-118

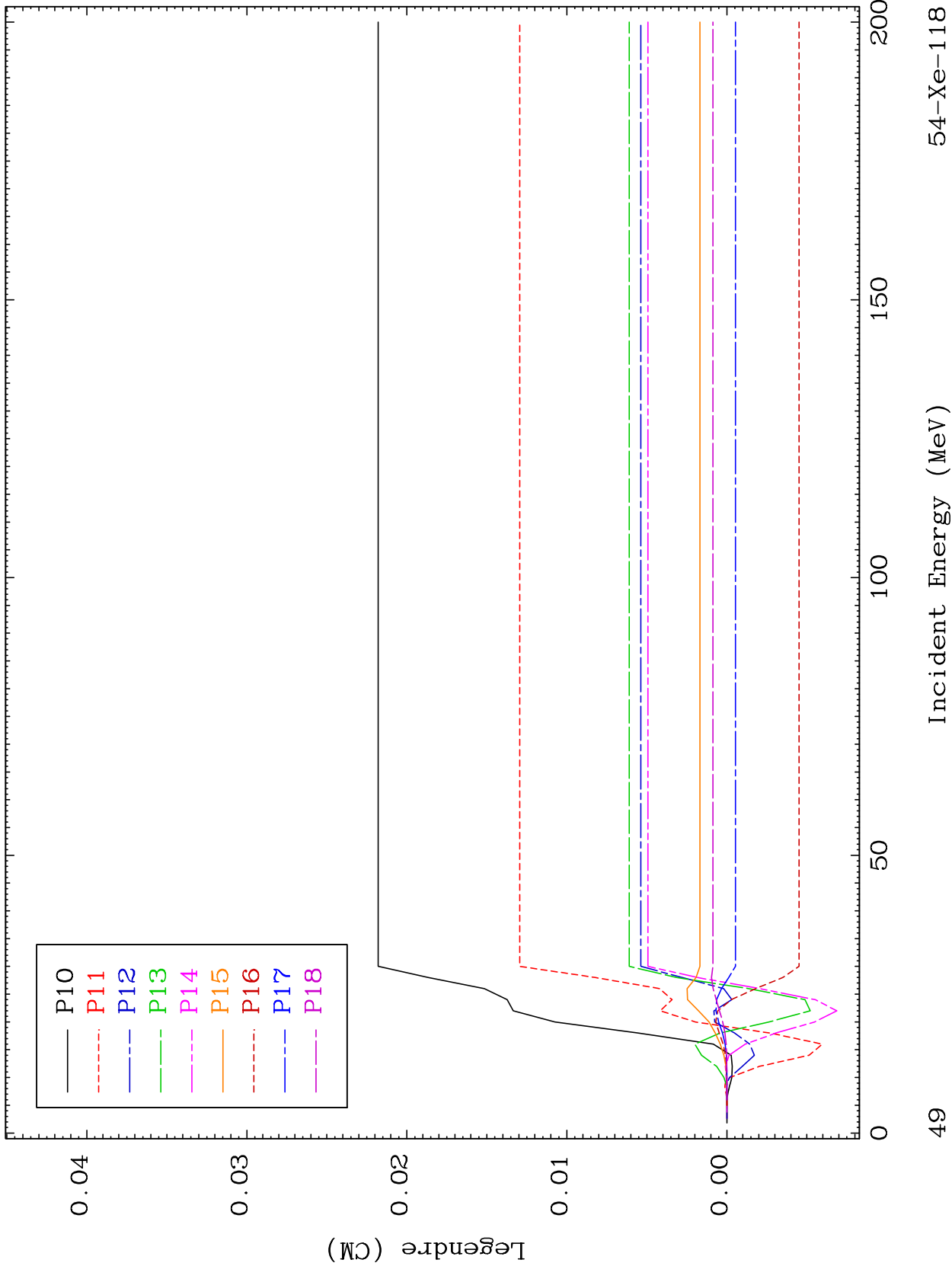
Incident Energy (MeV)

48

MAT 5407

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

54-Xe-118



49

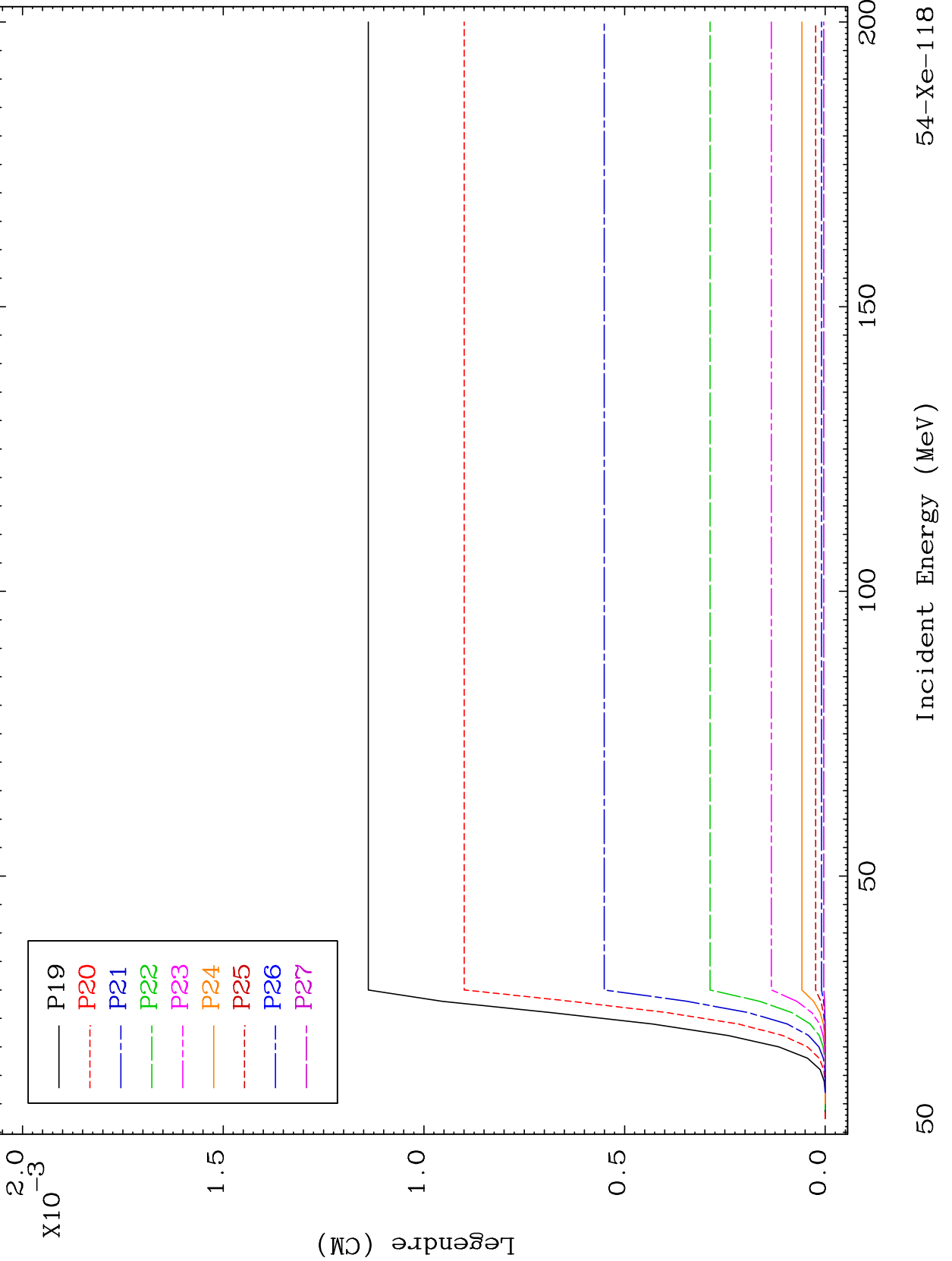
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

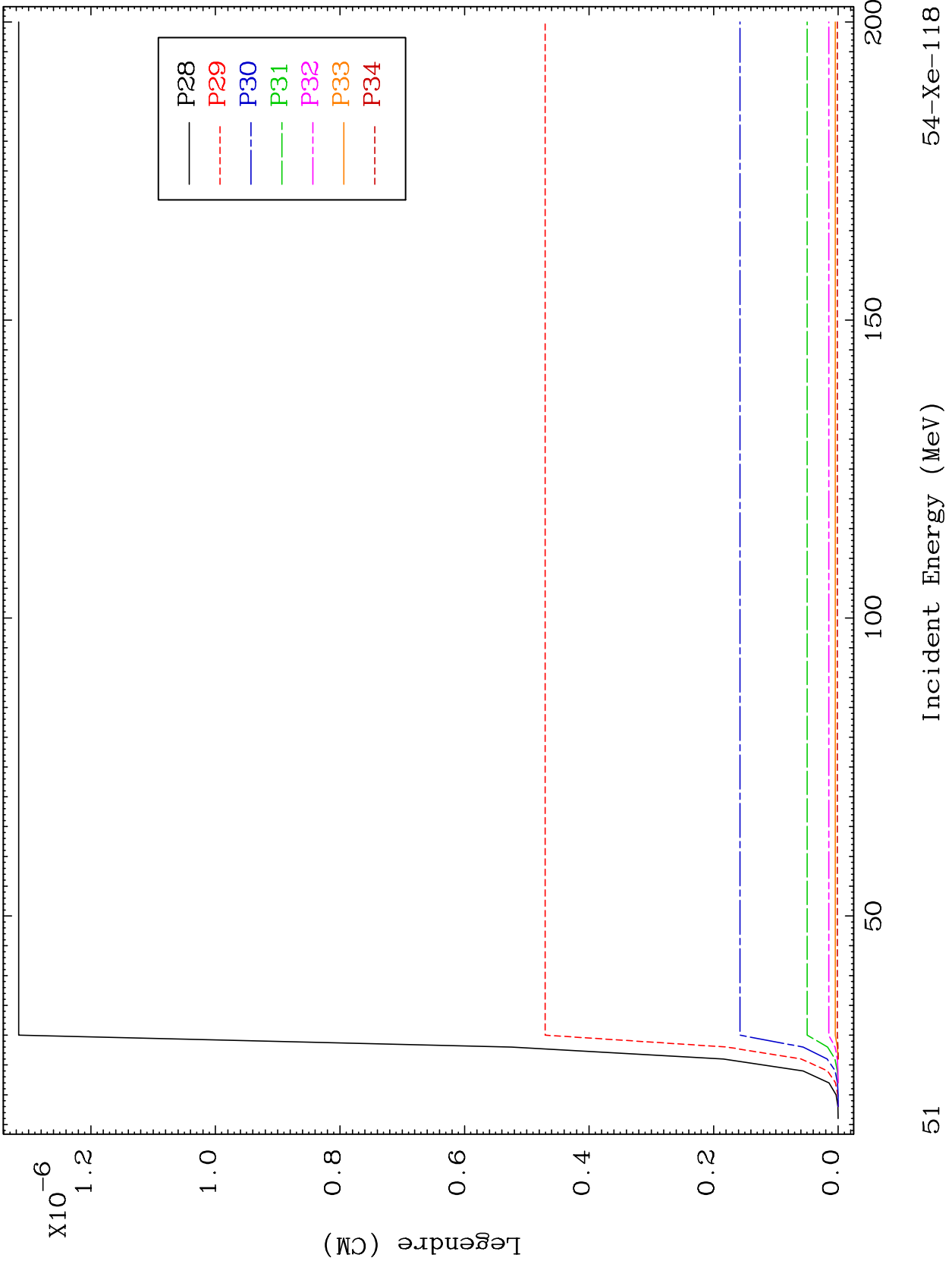
54-Xe-118



MAT 5407

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

54-Xe-118



51

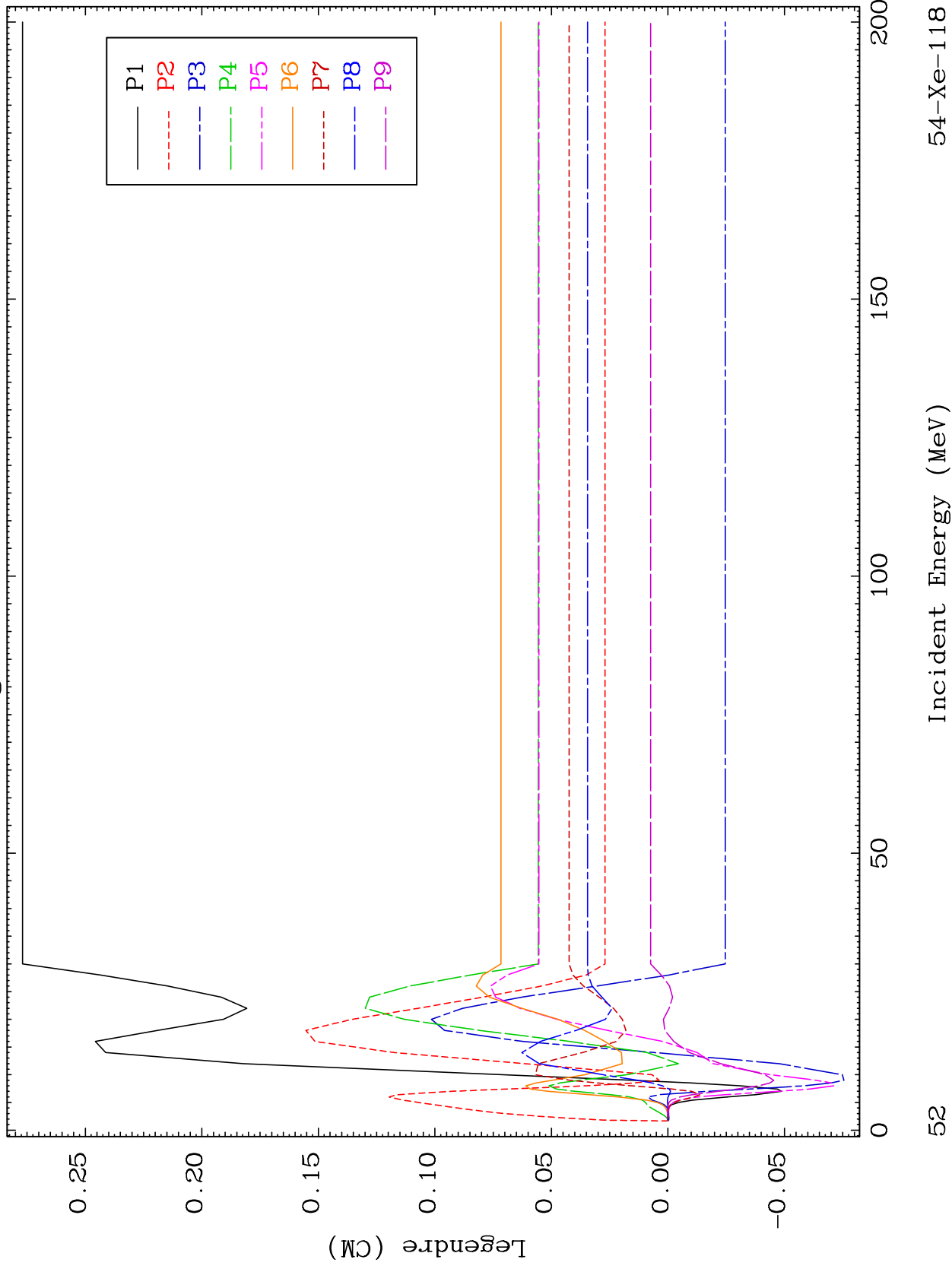
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



54-Xe-118

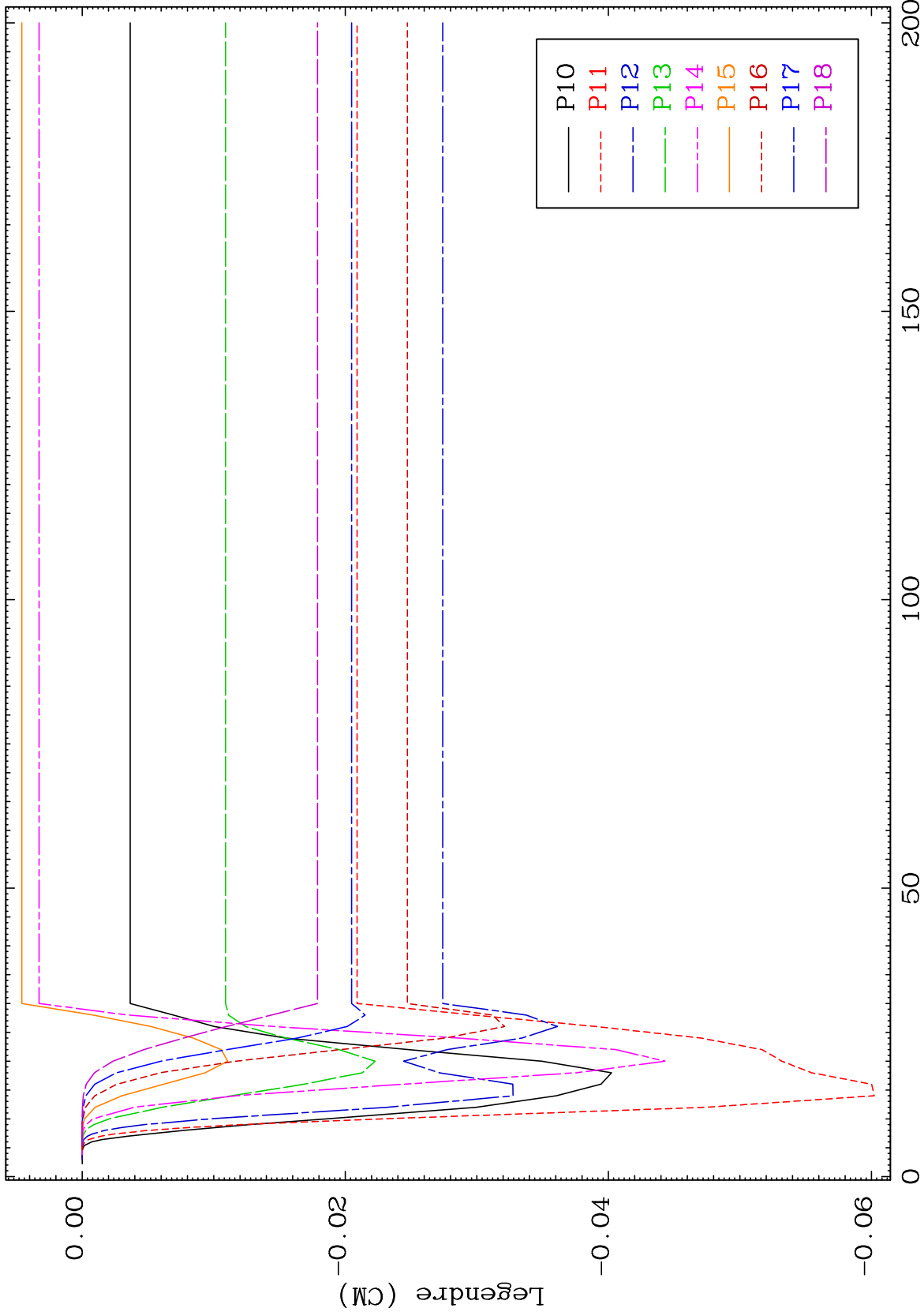
Incident Energy (MeV)

52

MAT 5407

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

54-Xe-118



53

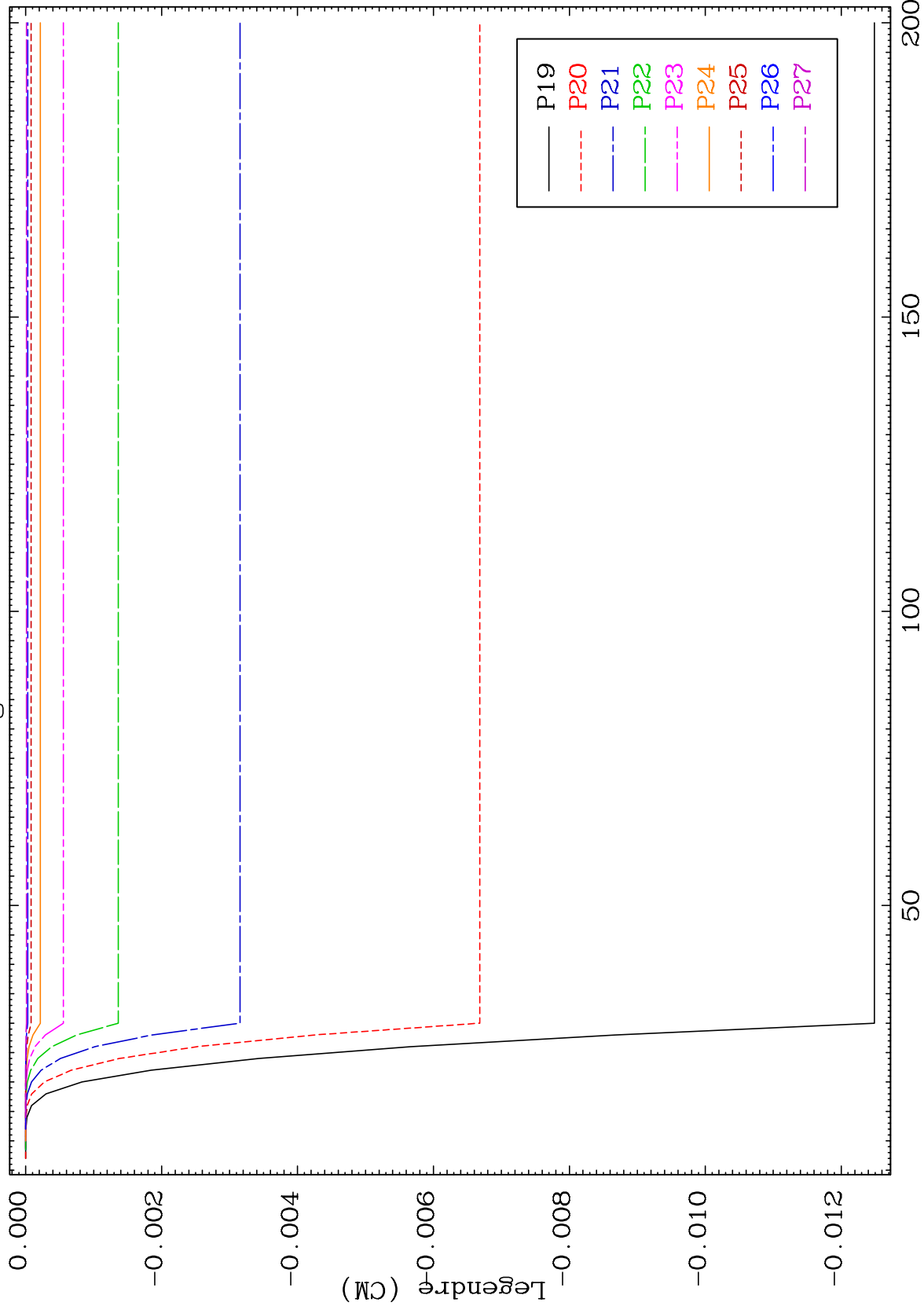
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



54

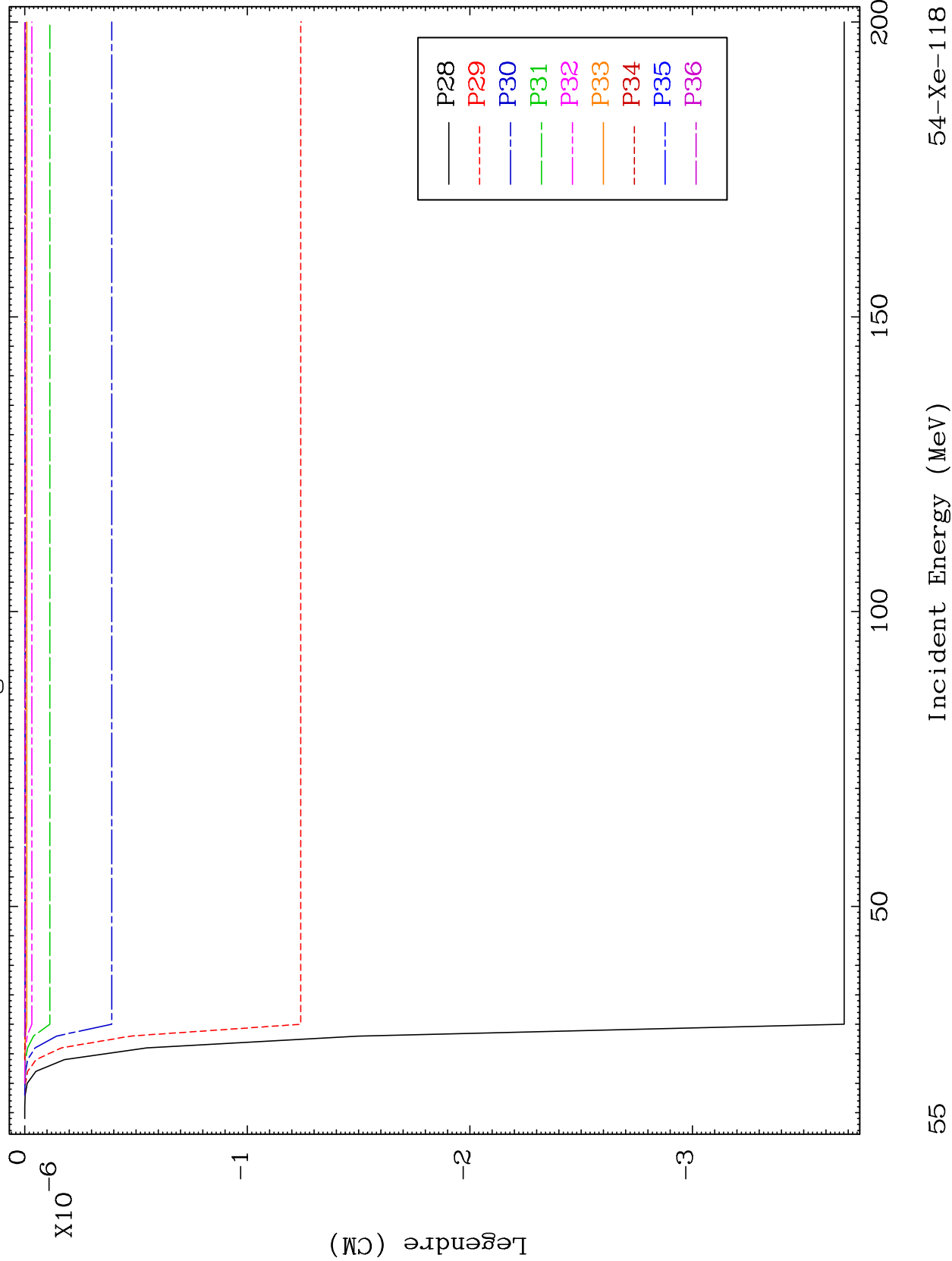
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



55

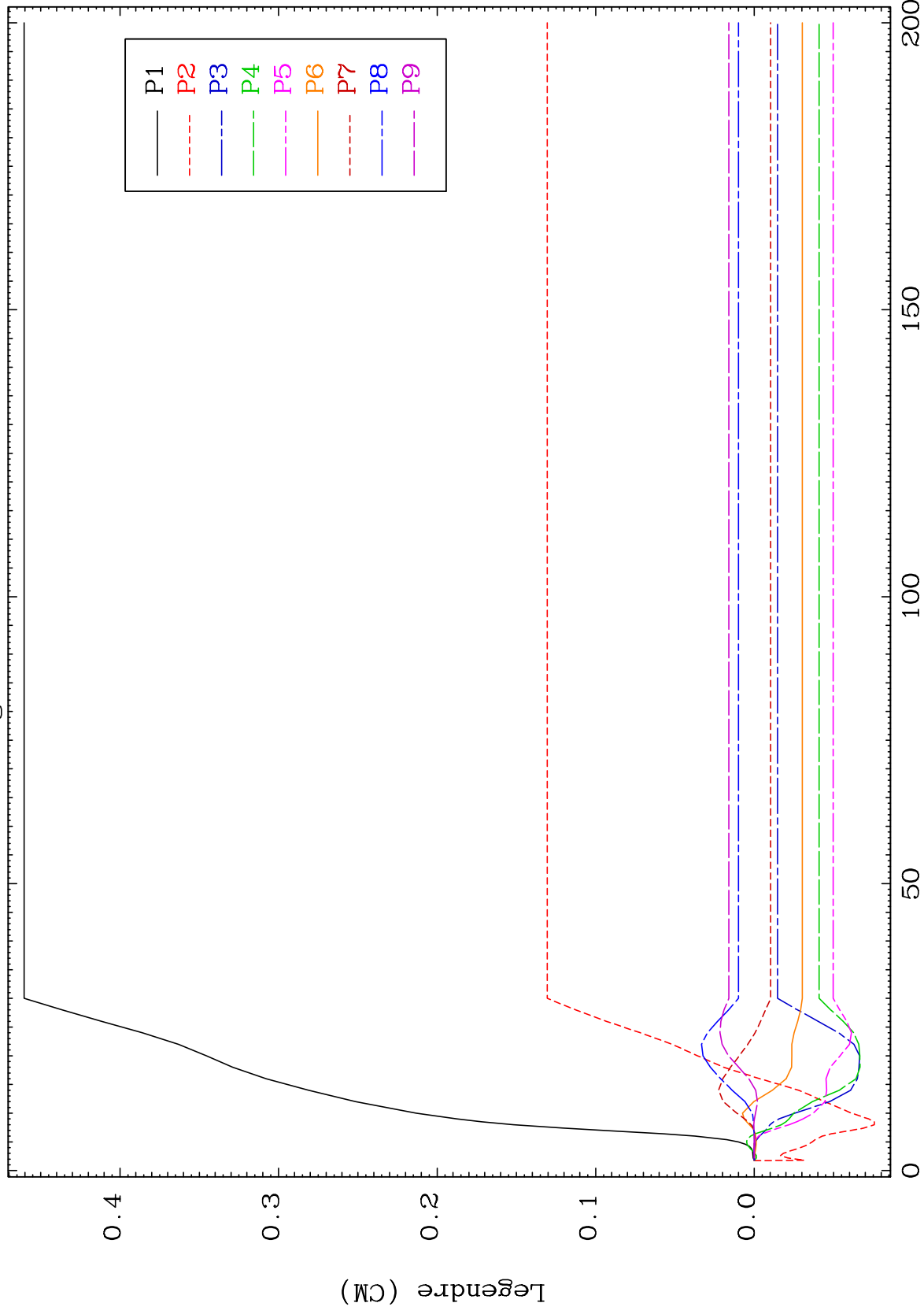
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



54-Xe-118

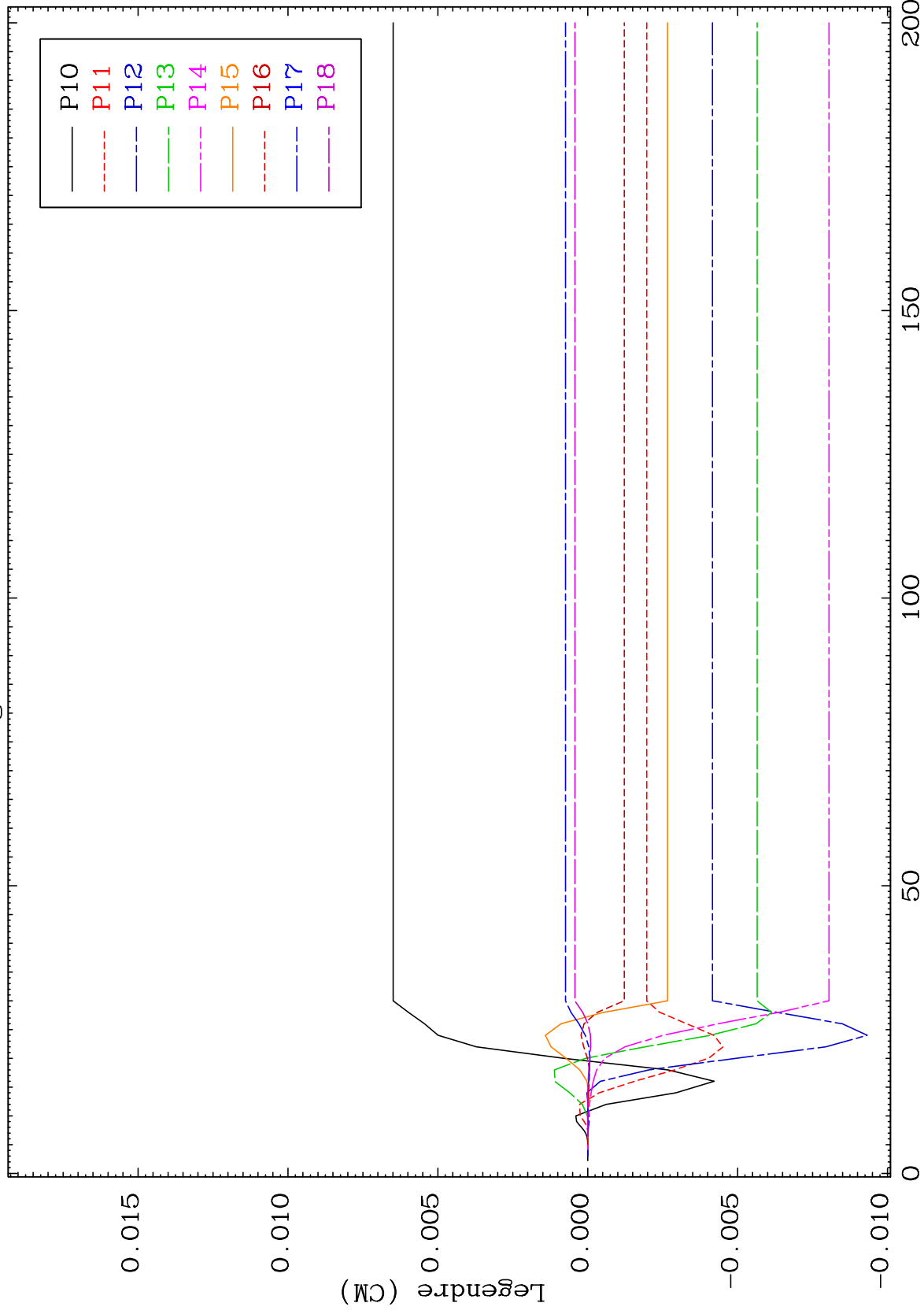
Incident Energy (MeV)

56

MAT 5407

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

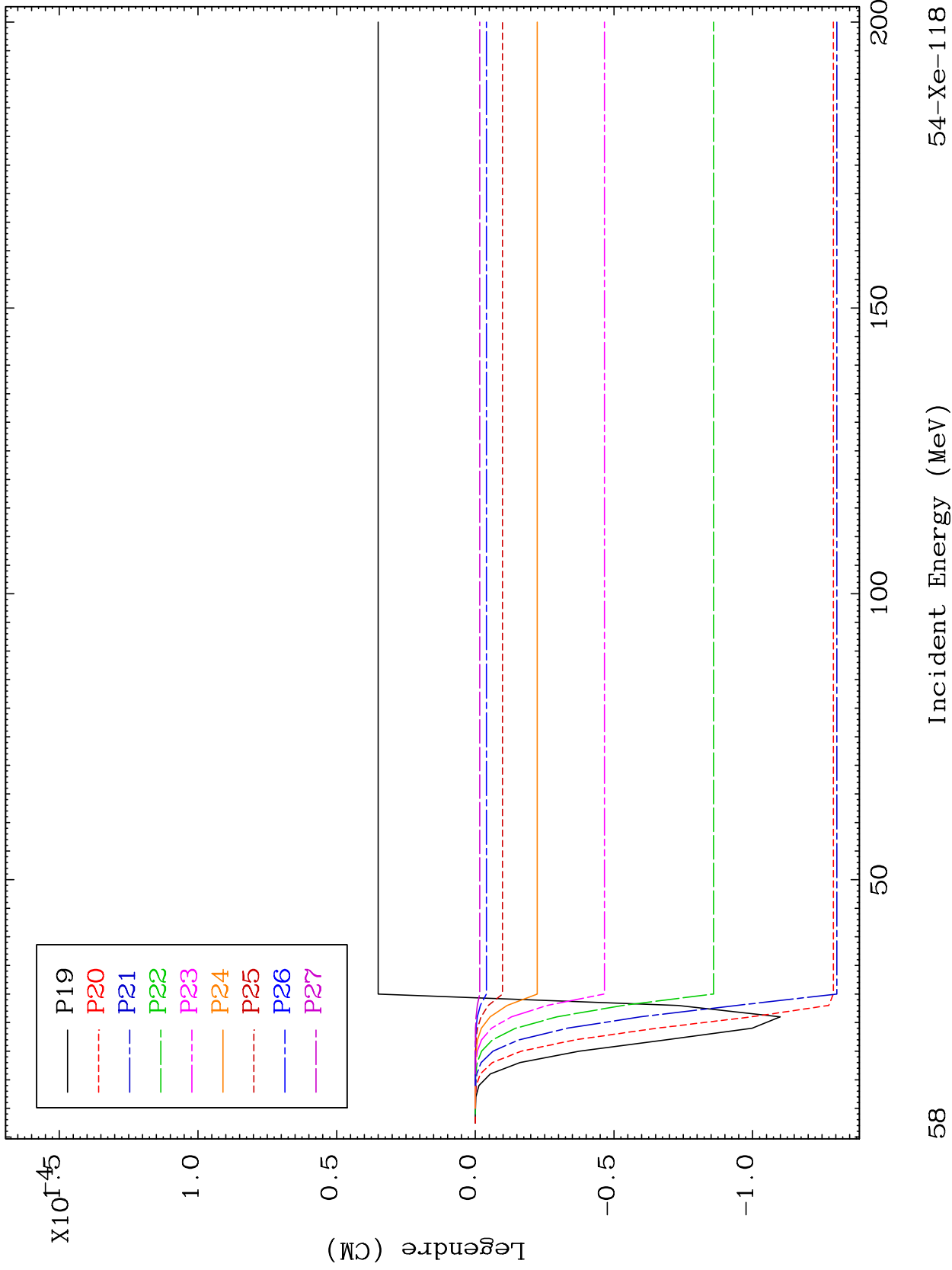
54-Xe-118



57

Incident Energy (MeV)

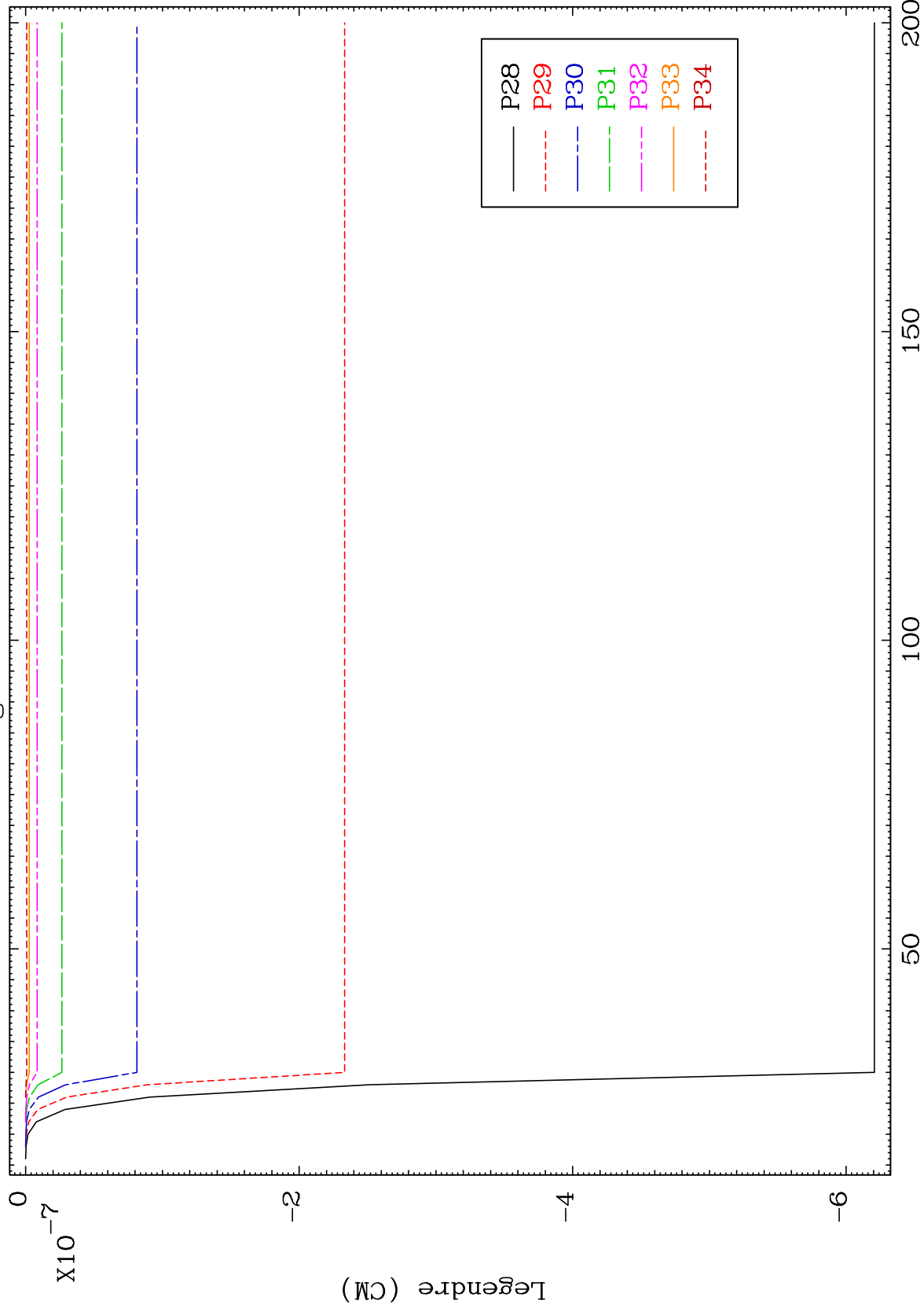
54-Xe-118



MAT 5407

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

54-Xe-118



59

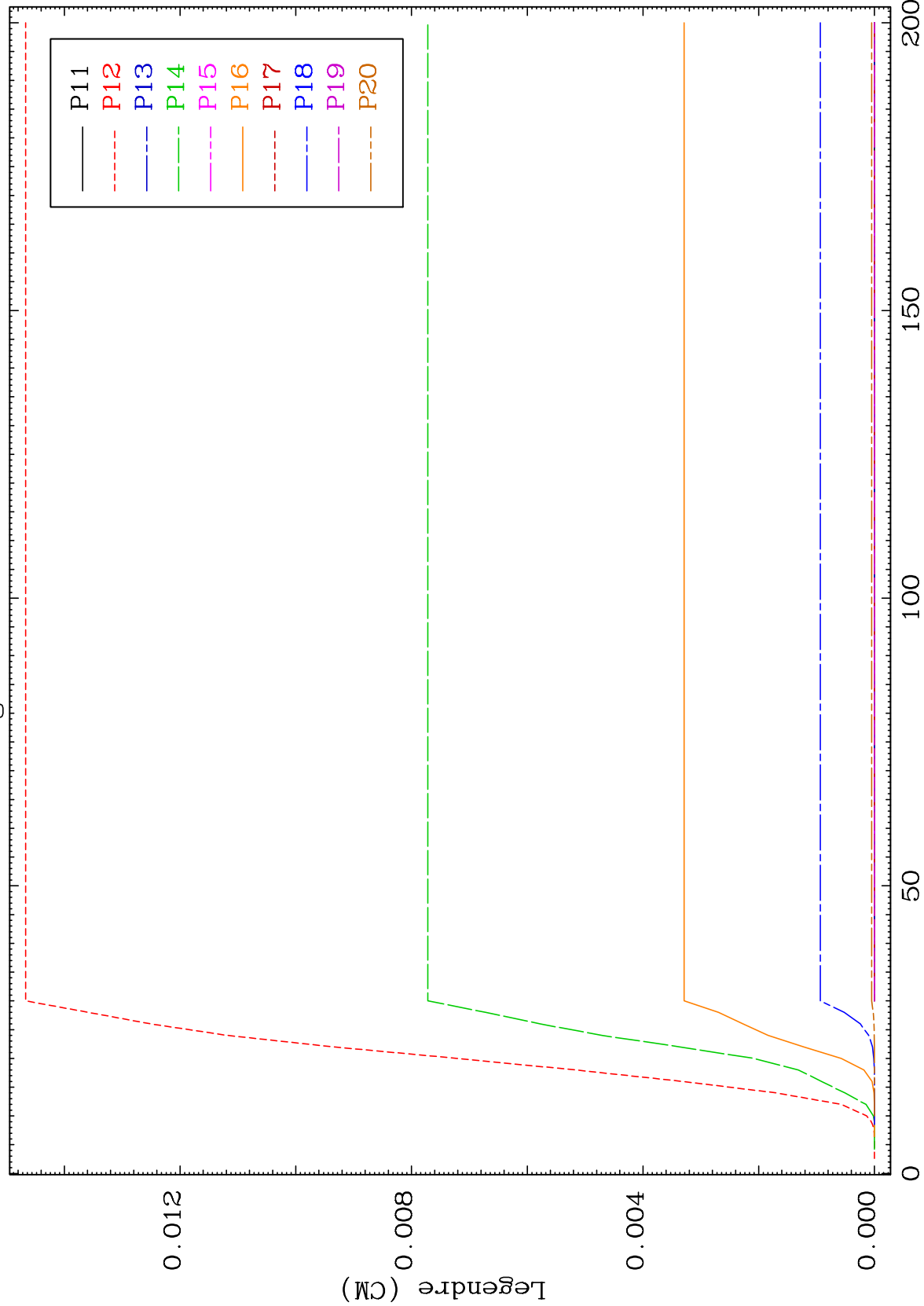
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

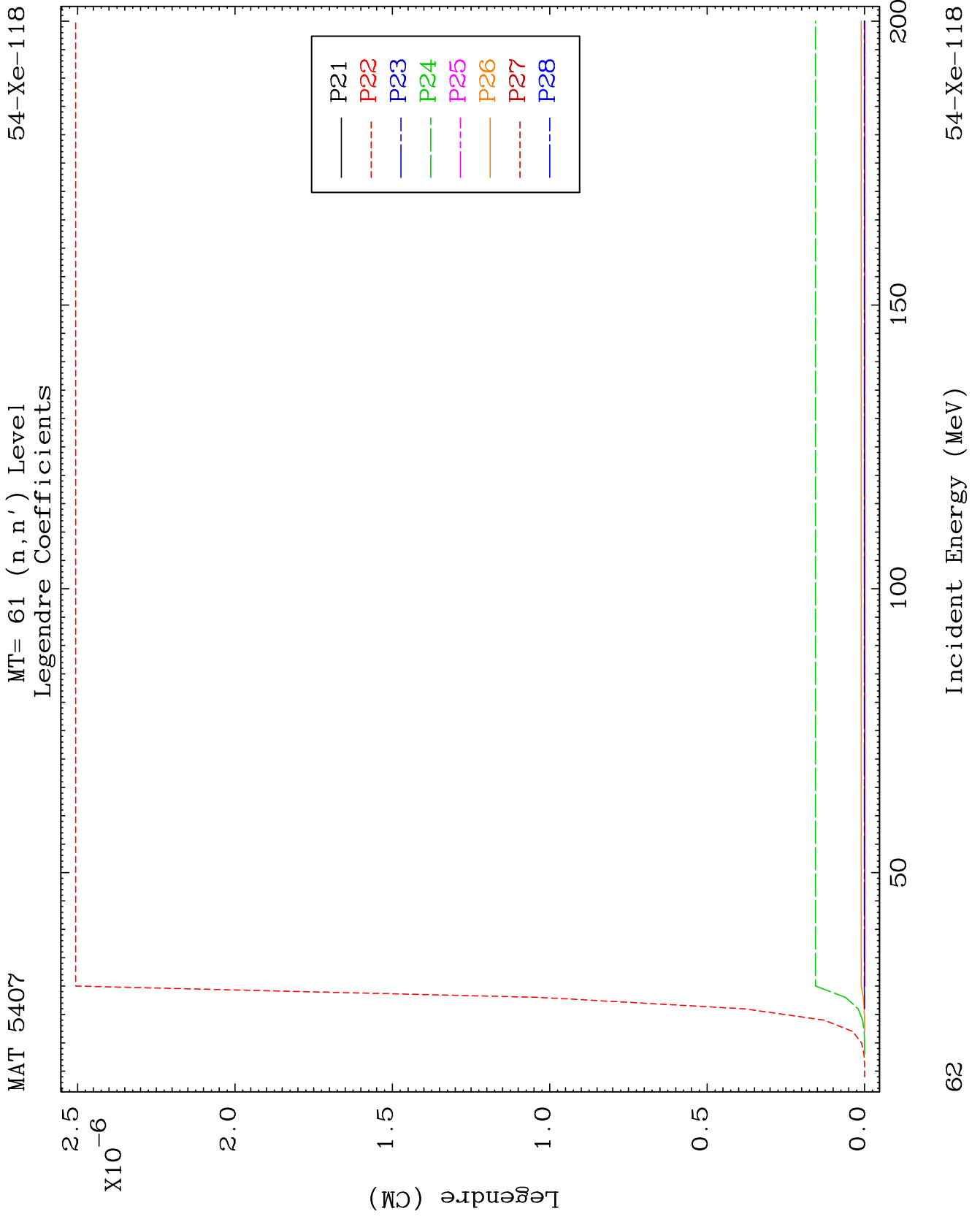
54-Xe-118



61

Incident Energy (MeV)

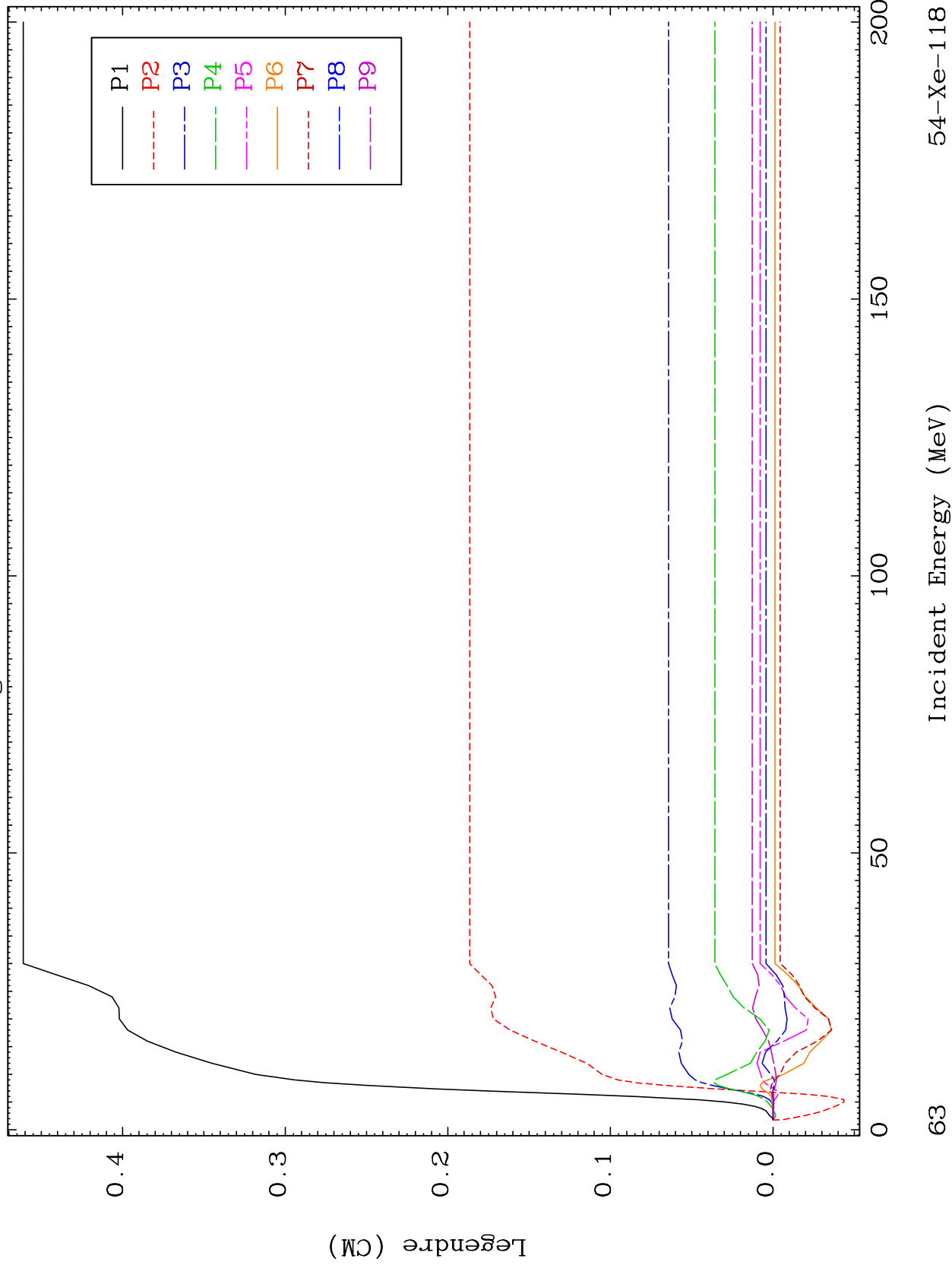
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

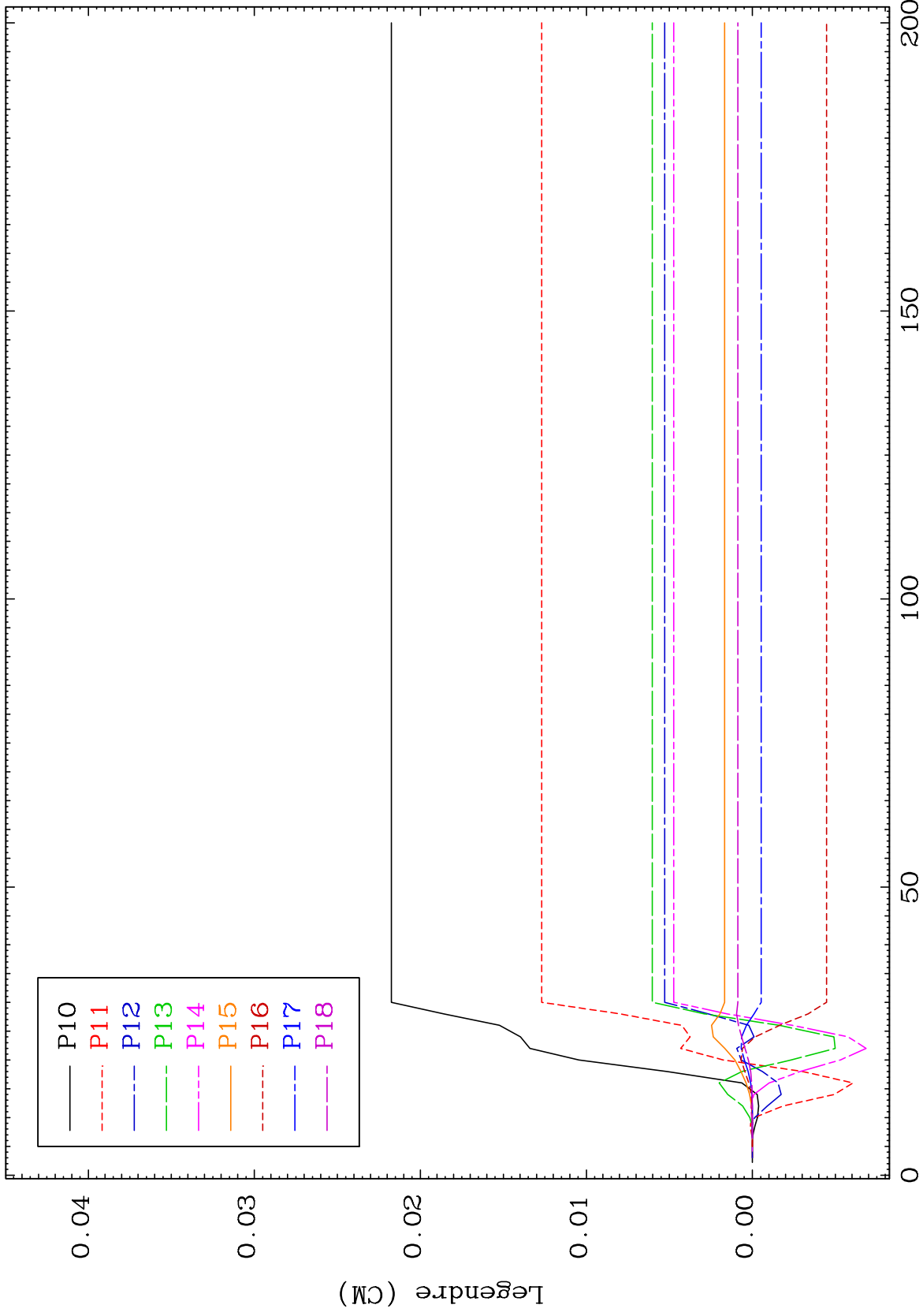
Incident Energy (MeV)

63

MAT 5407

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

54-Xe-118



64

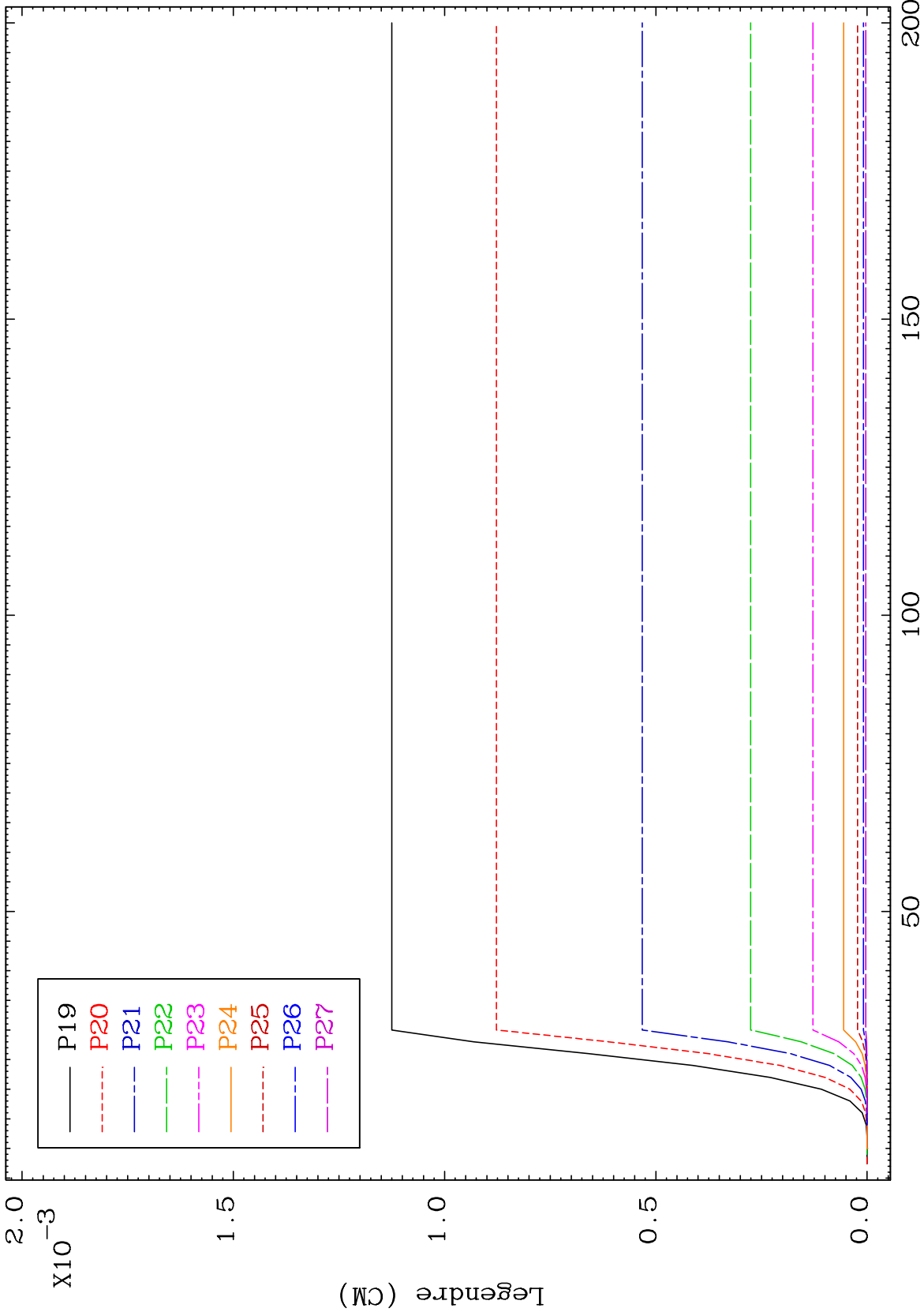
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



65

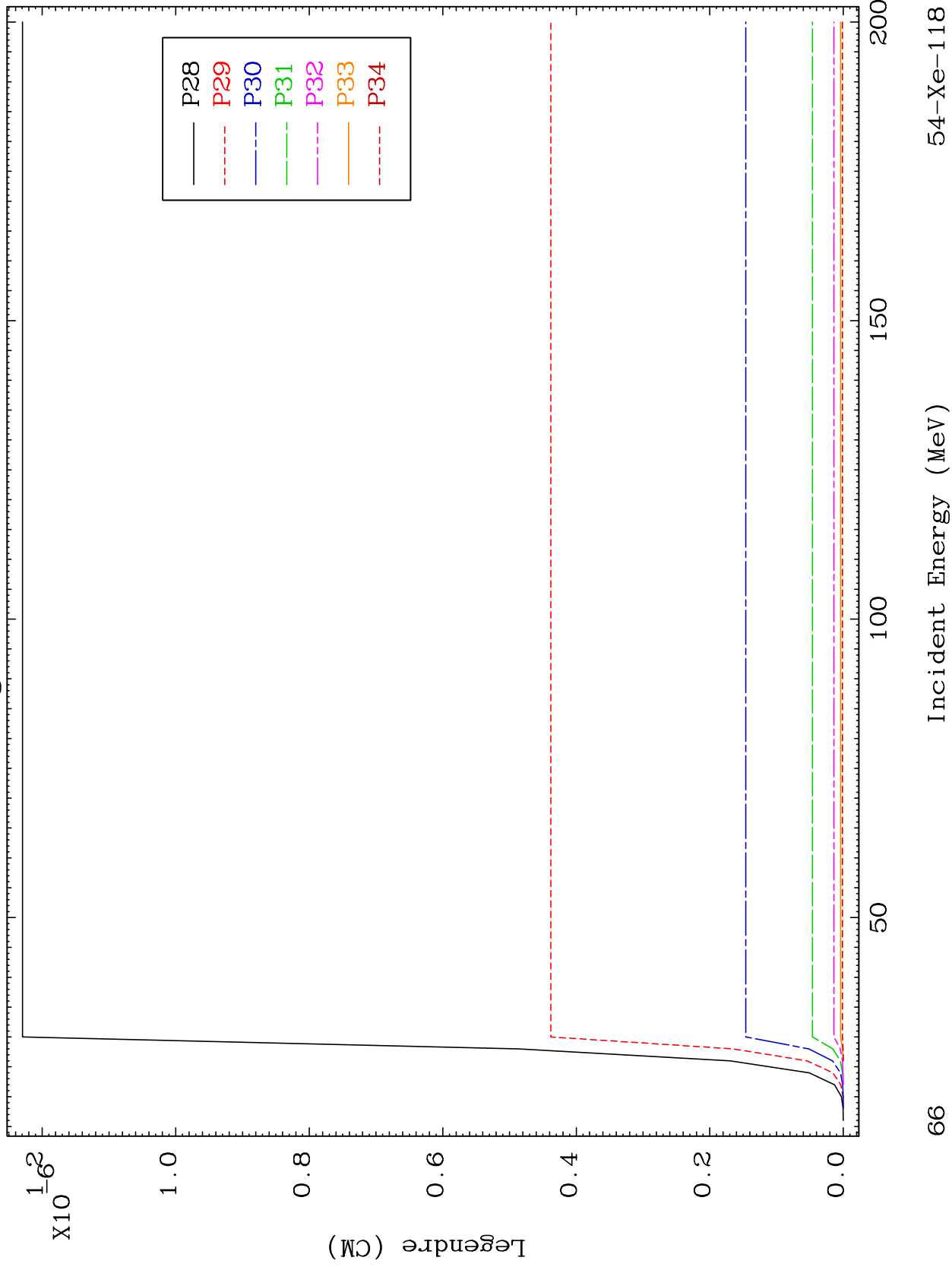
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

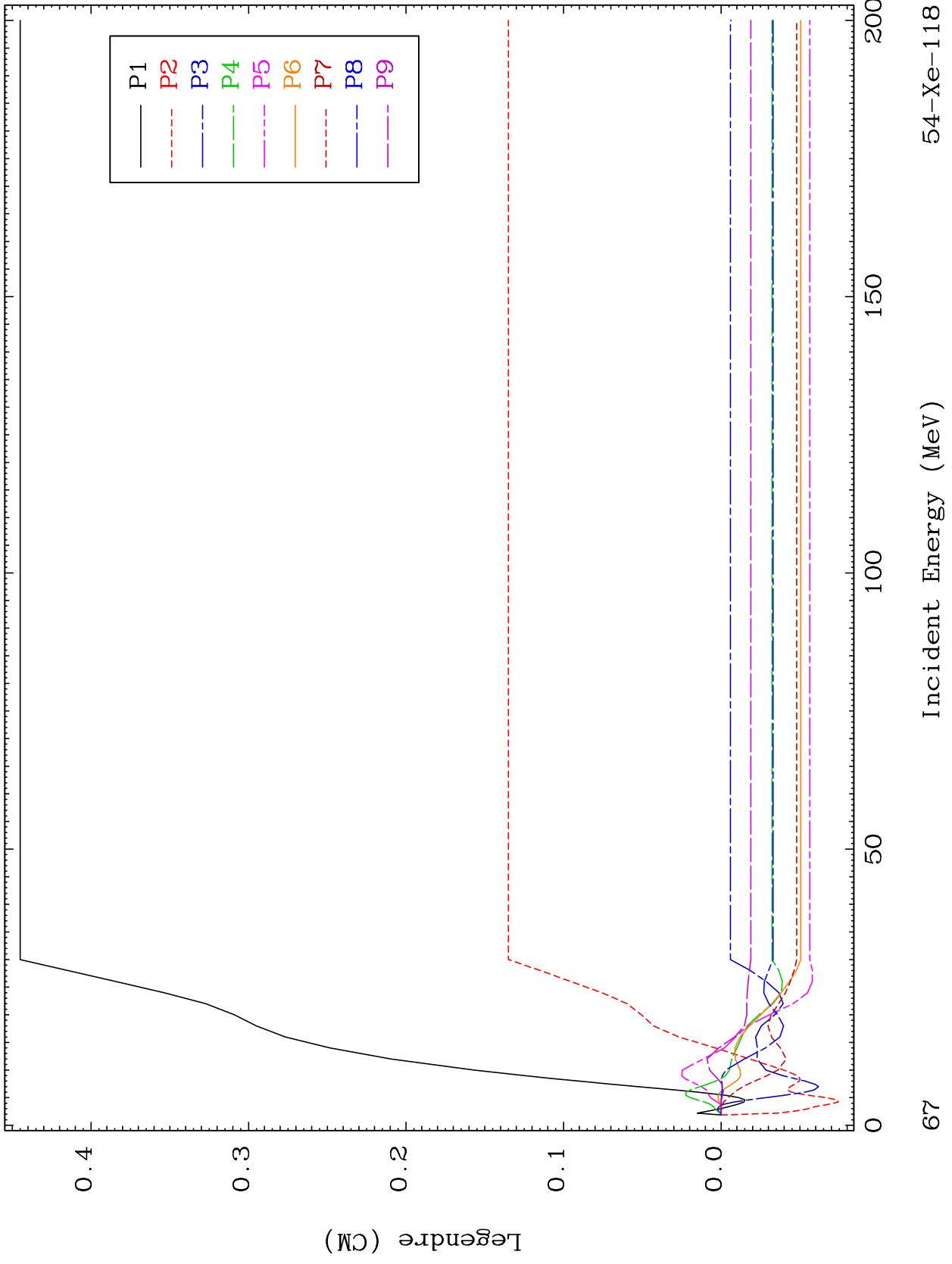
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

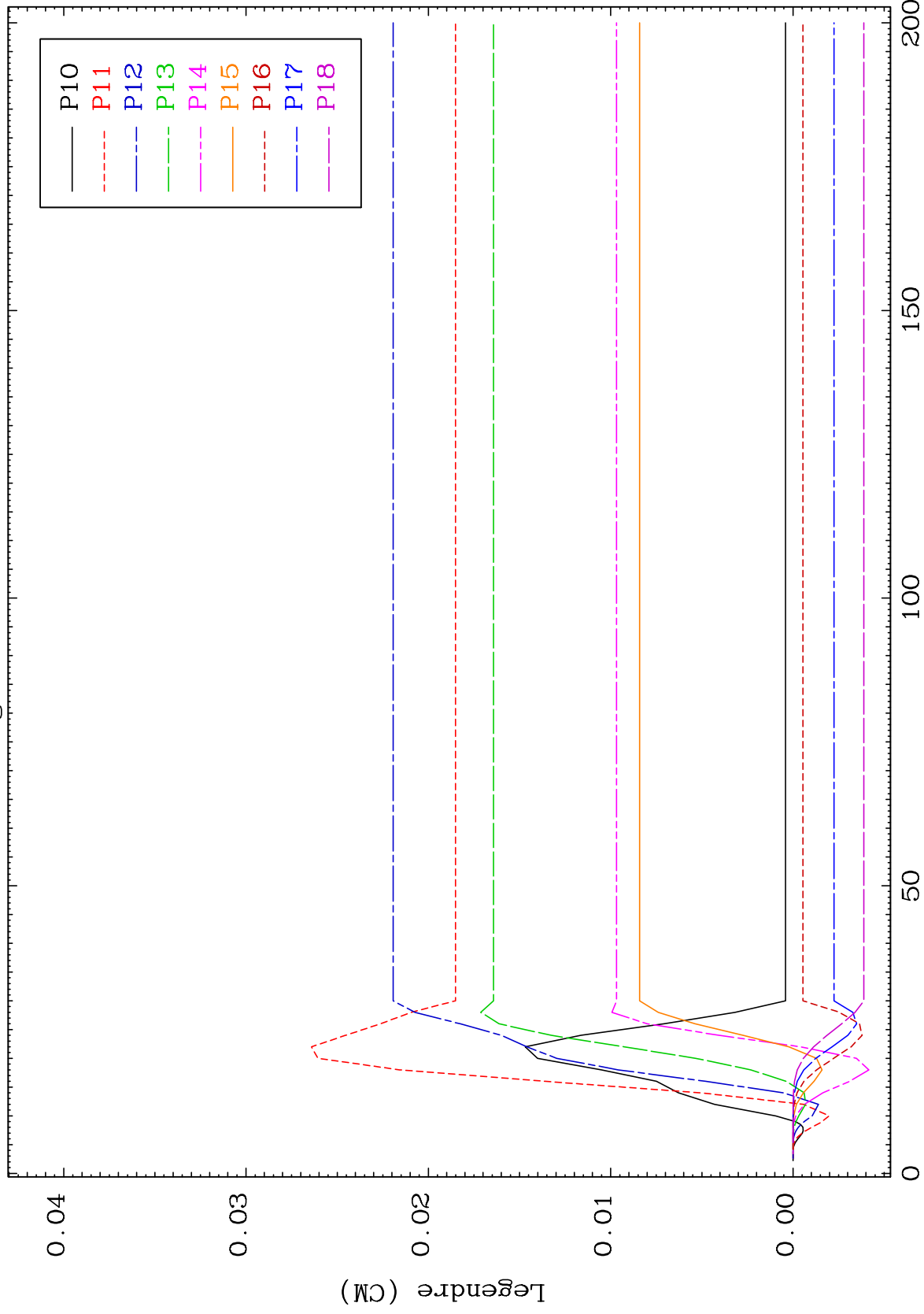
Incident Energy (MeV)

67

MAT 5407

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

54-Xe-118



54-Xe-118

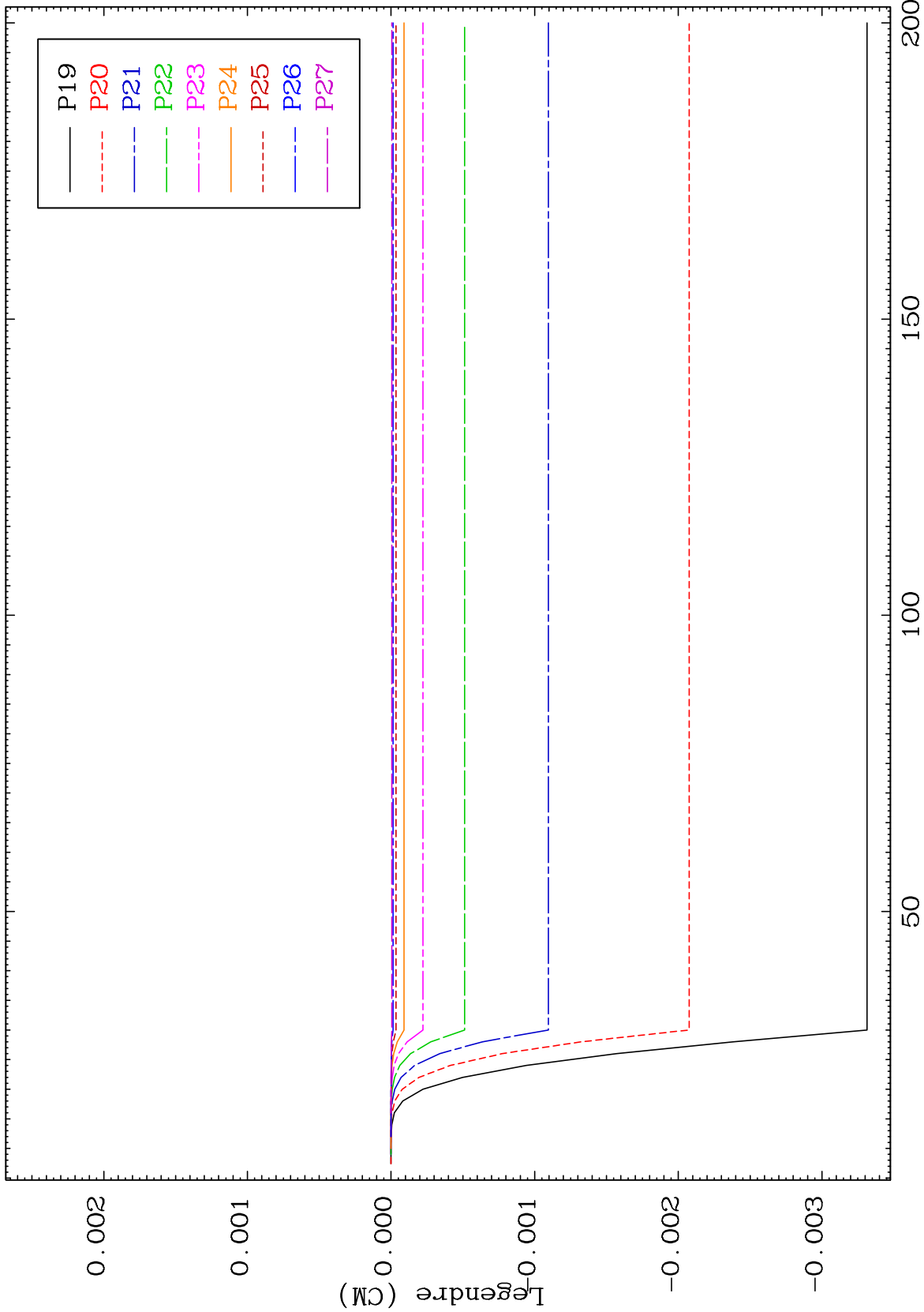
Incident Energy (MeV)

68

MAT 5407

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

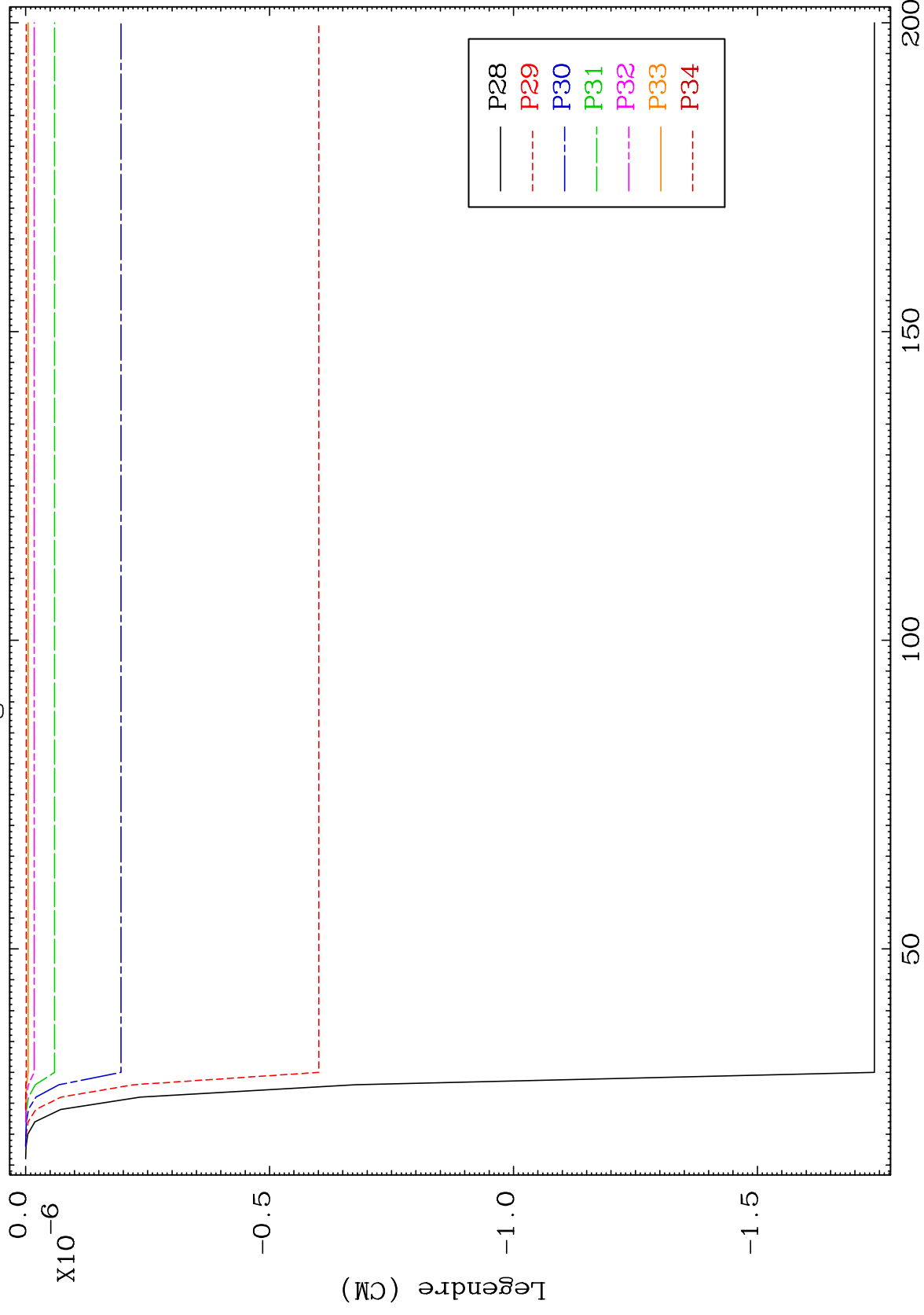
54-Xe-118



MAT 5407

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

54-Xe-118



70

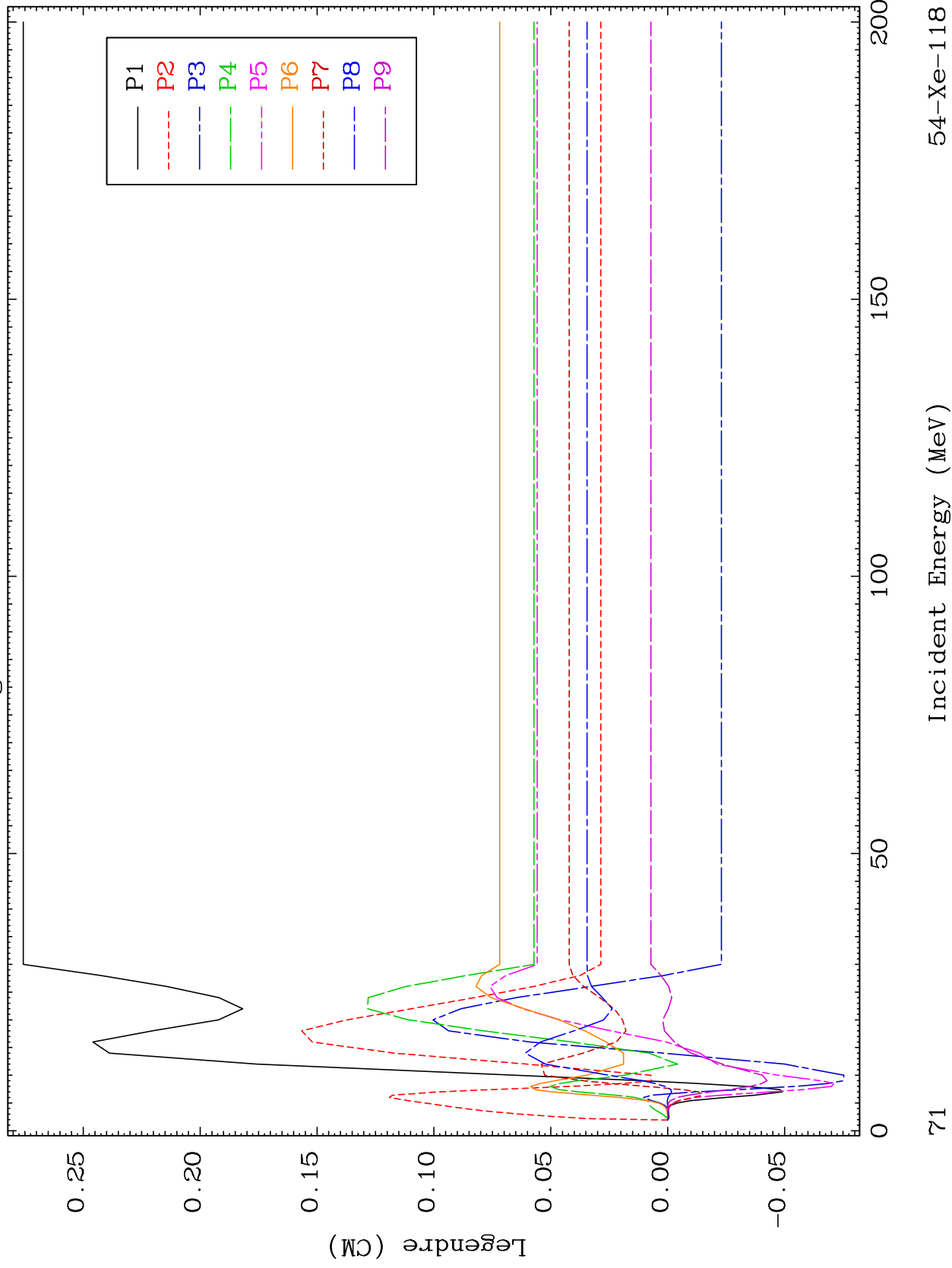
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

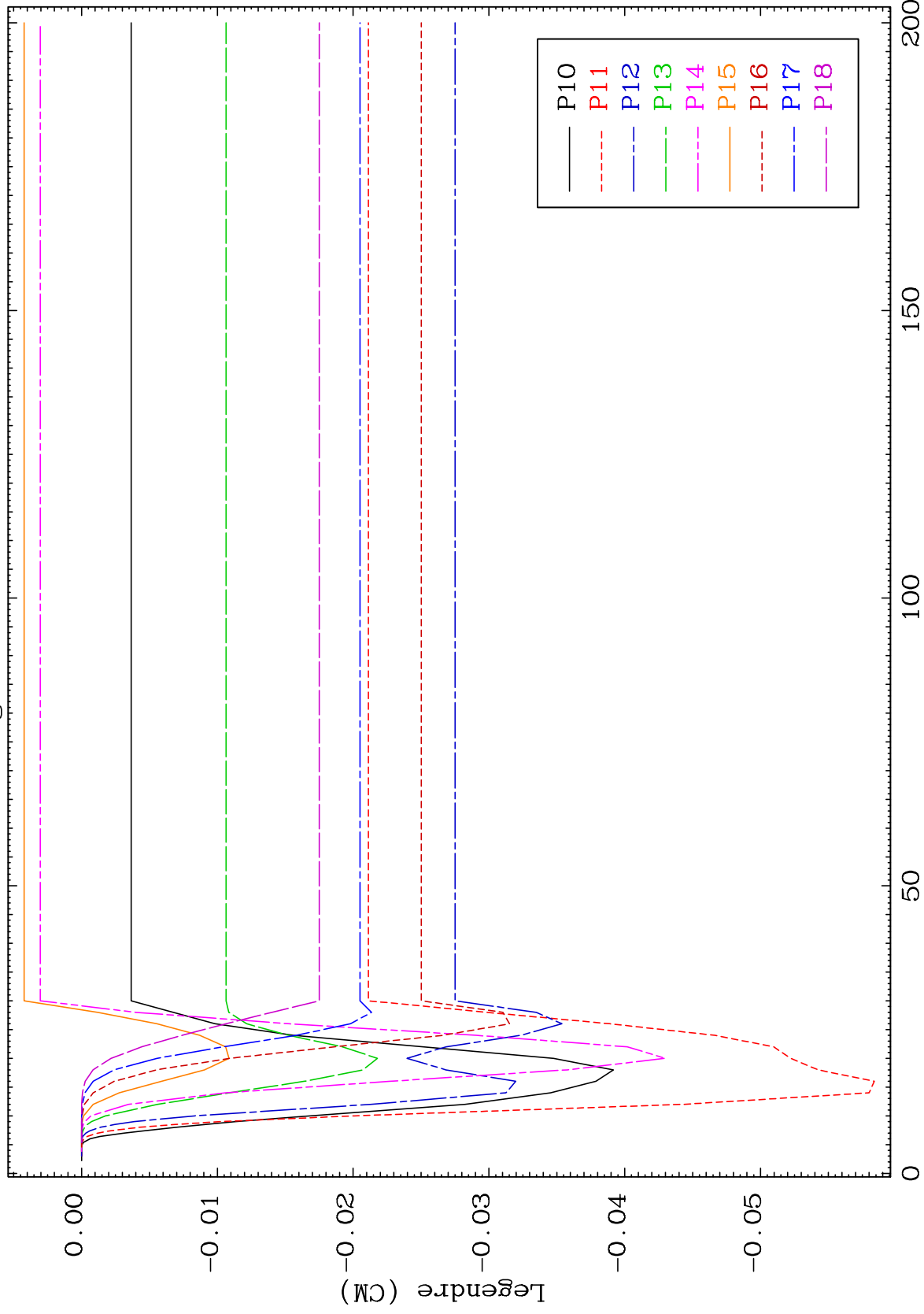
54-Xe-118



MAT 5407

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

54-Xe-118



72

Incident Energy (MeV)

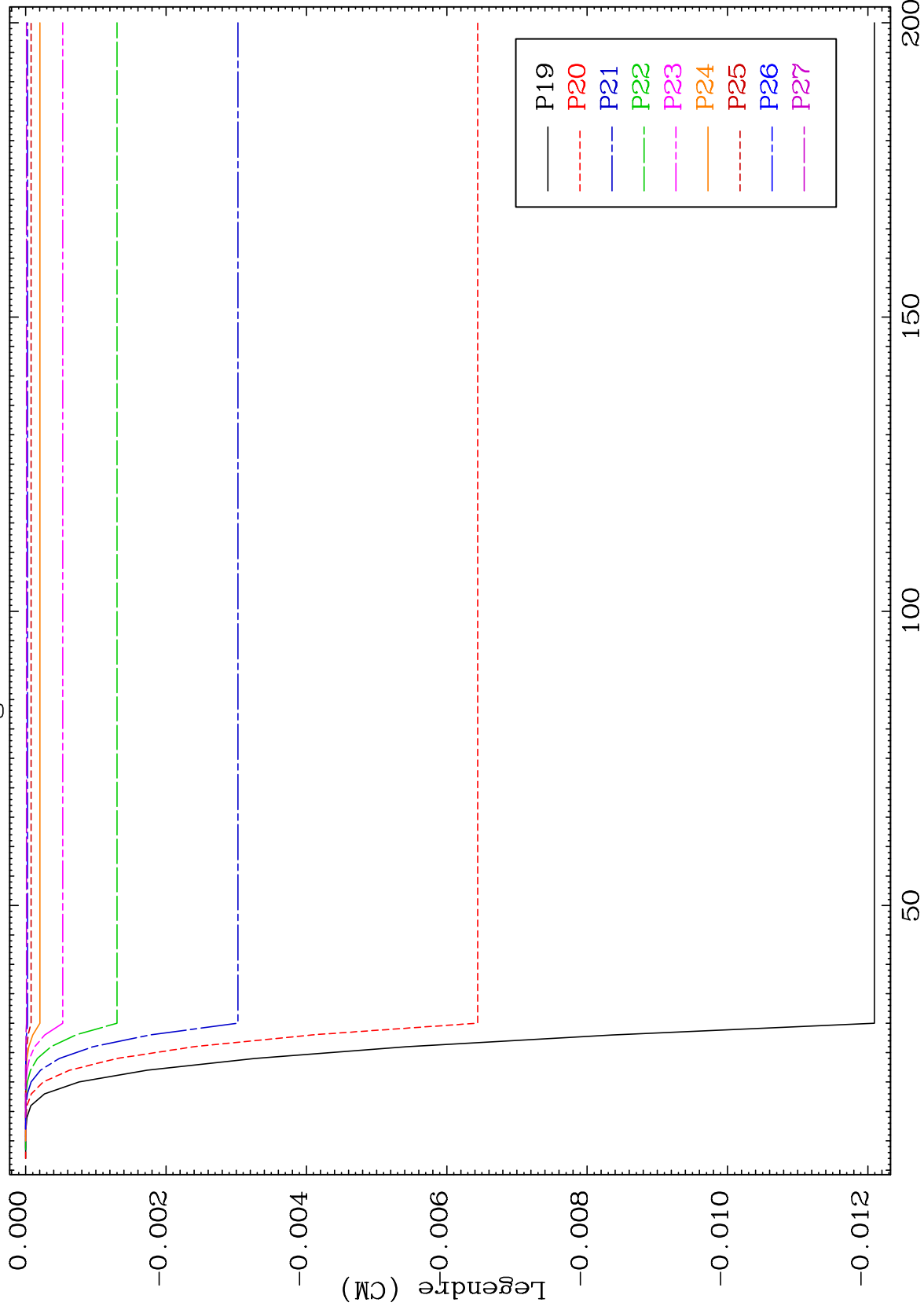
54-Xe-118

MAT 5407

MT= 64 (n,n') Level

54-Xe-118

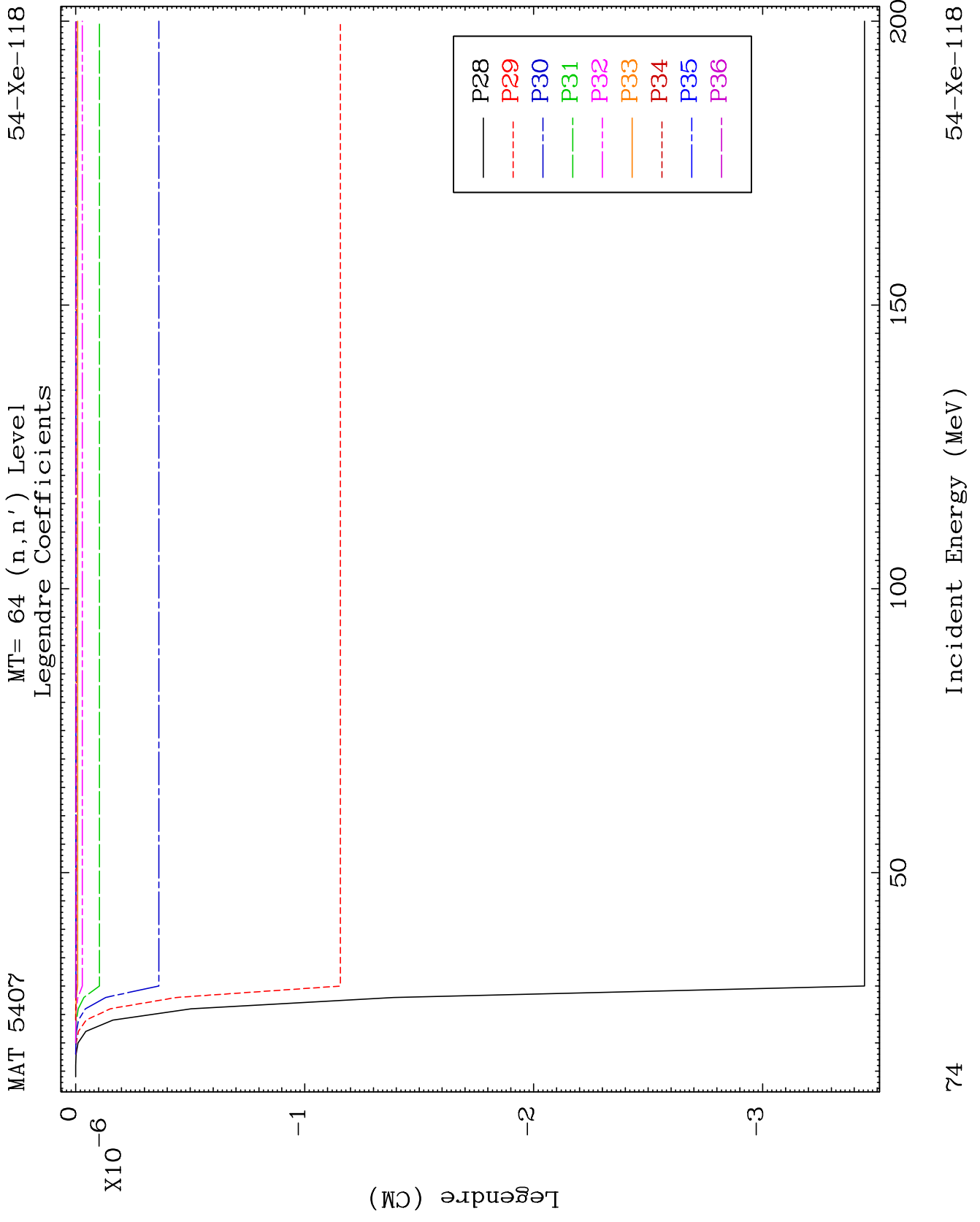
Legendre Coefficients

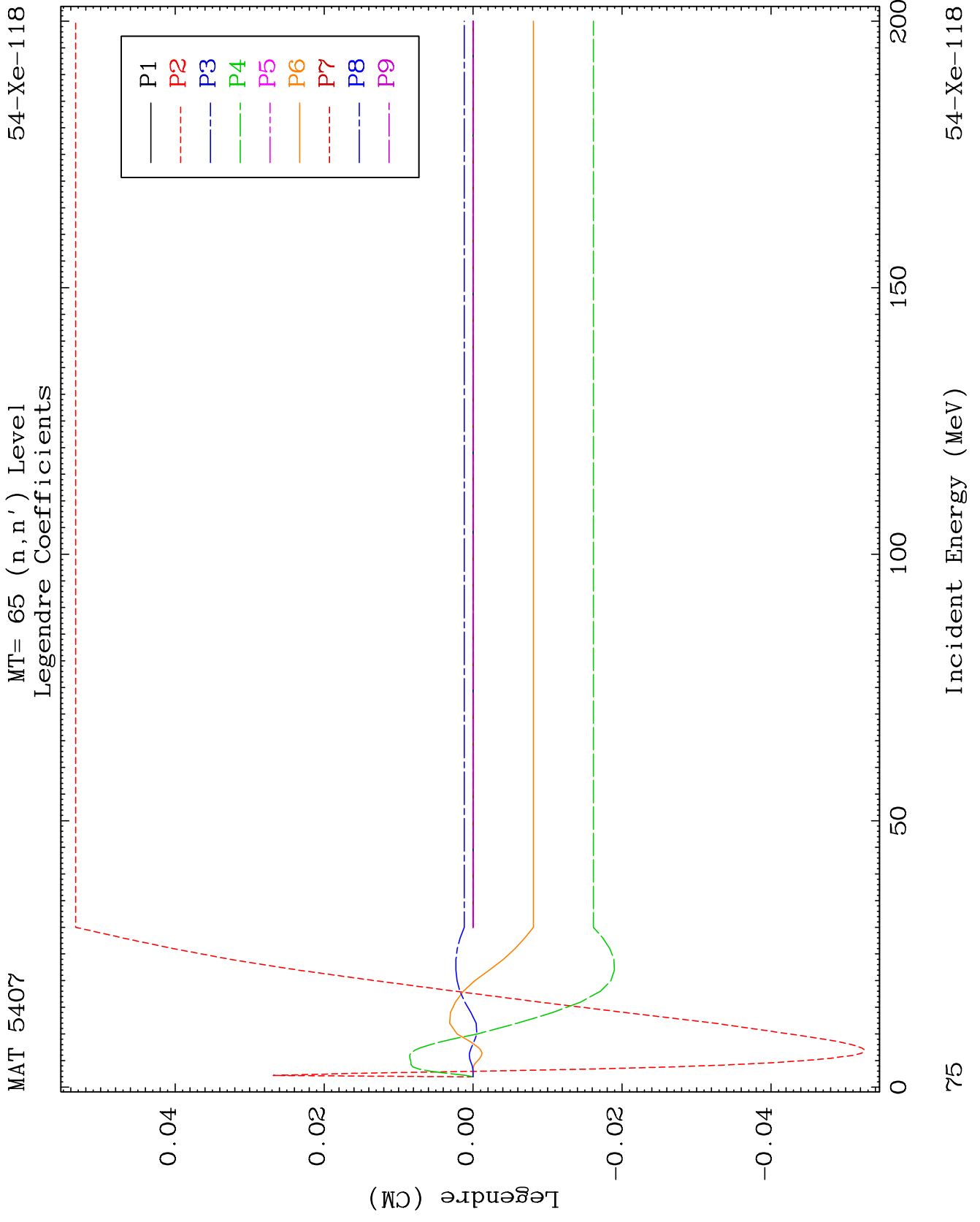


54-Xe-118

Incident Energy (MeV)

73

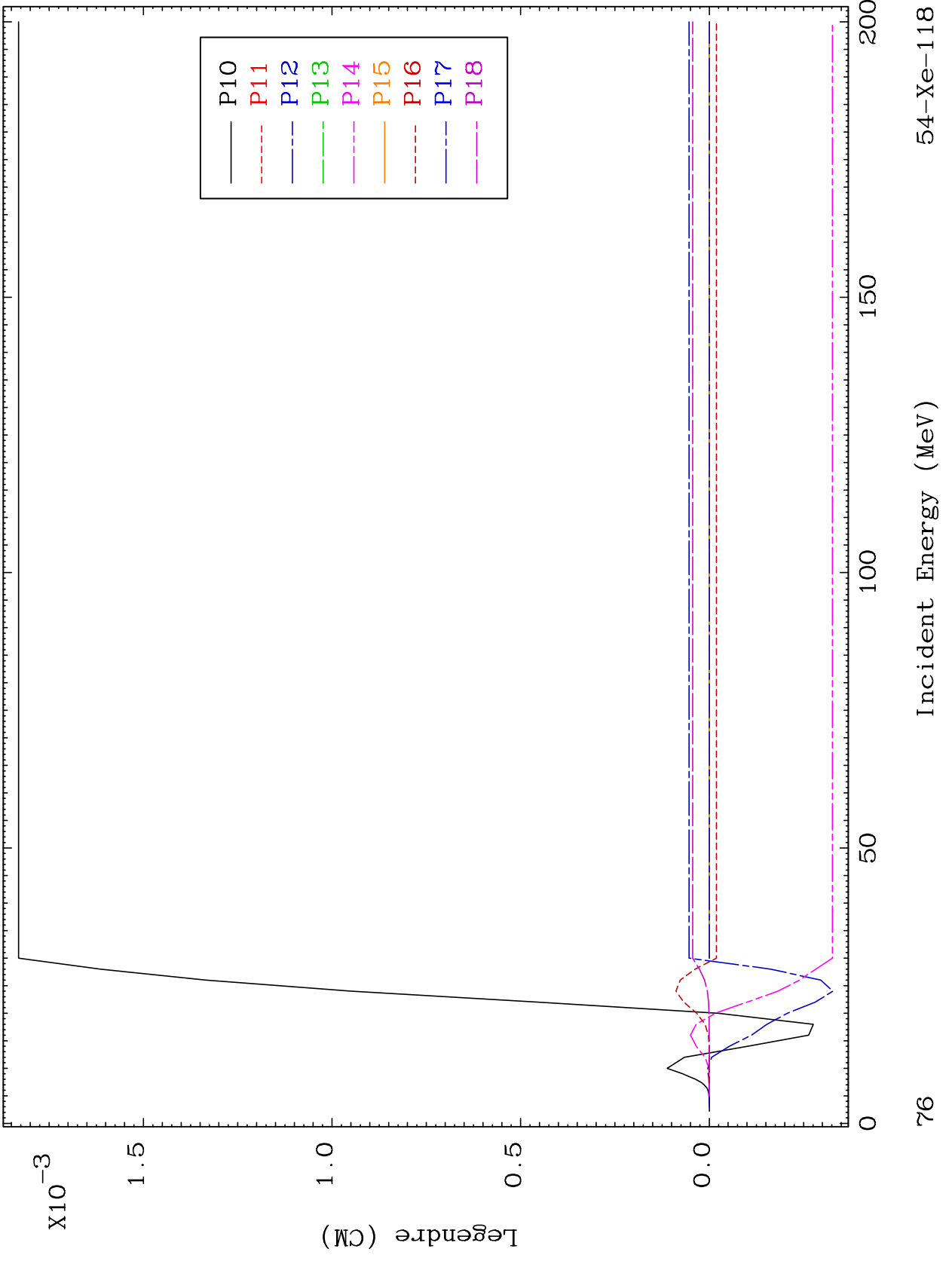




MAT 5407

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

54-Xe-118



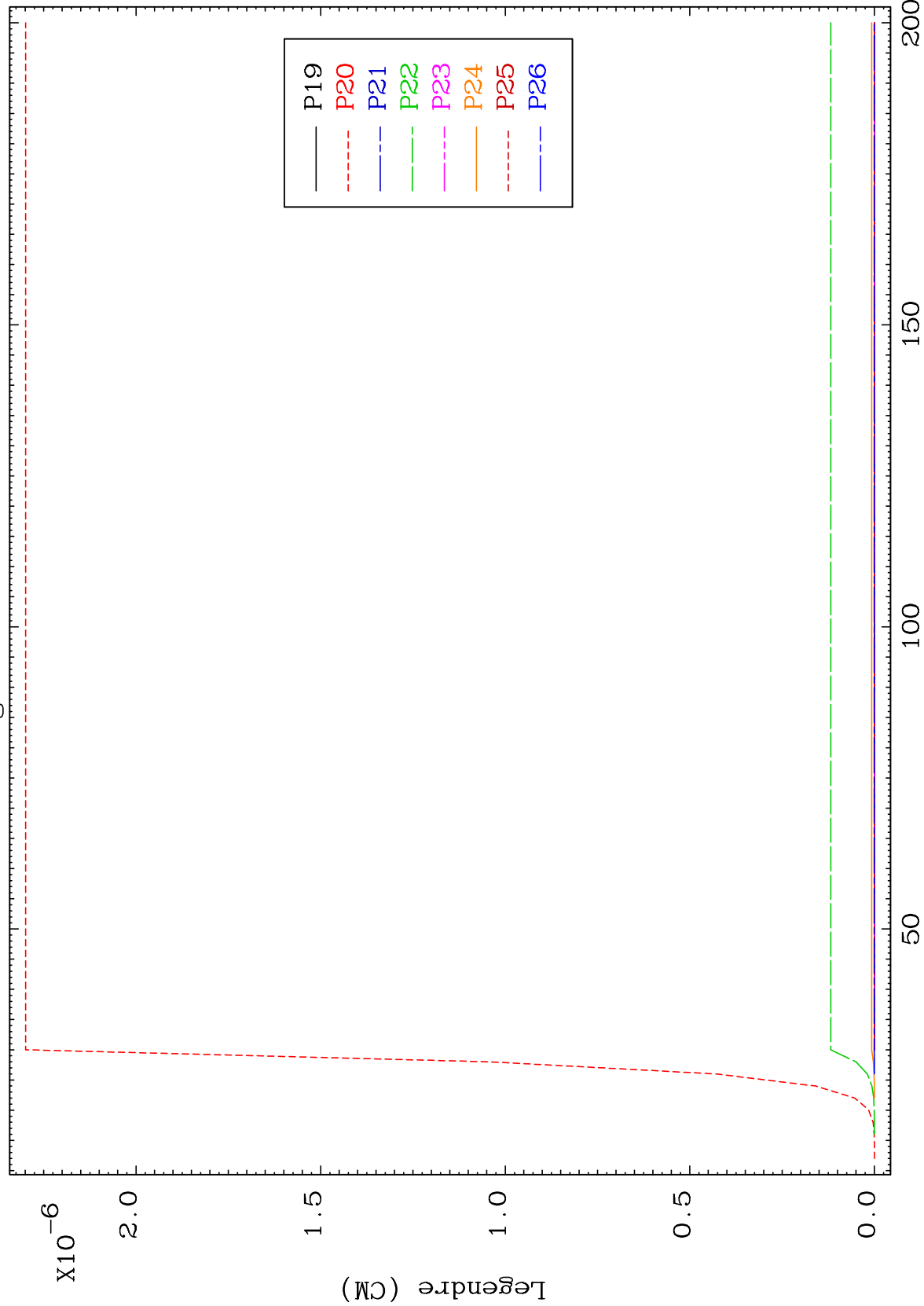
76

54-Xe-118

MAT 5407

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

54-Xe-118



77

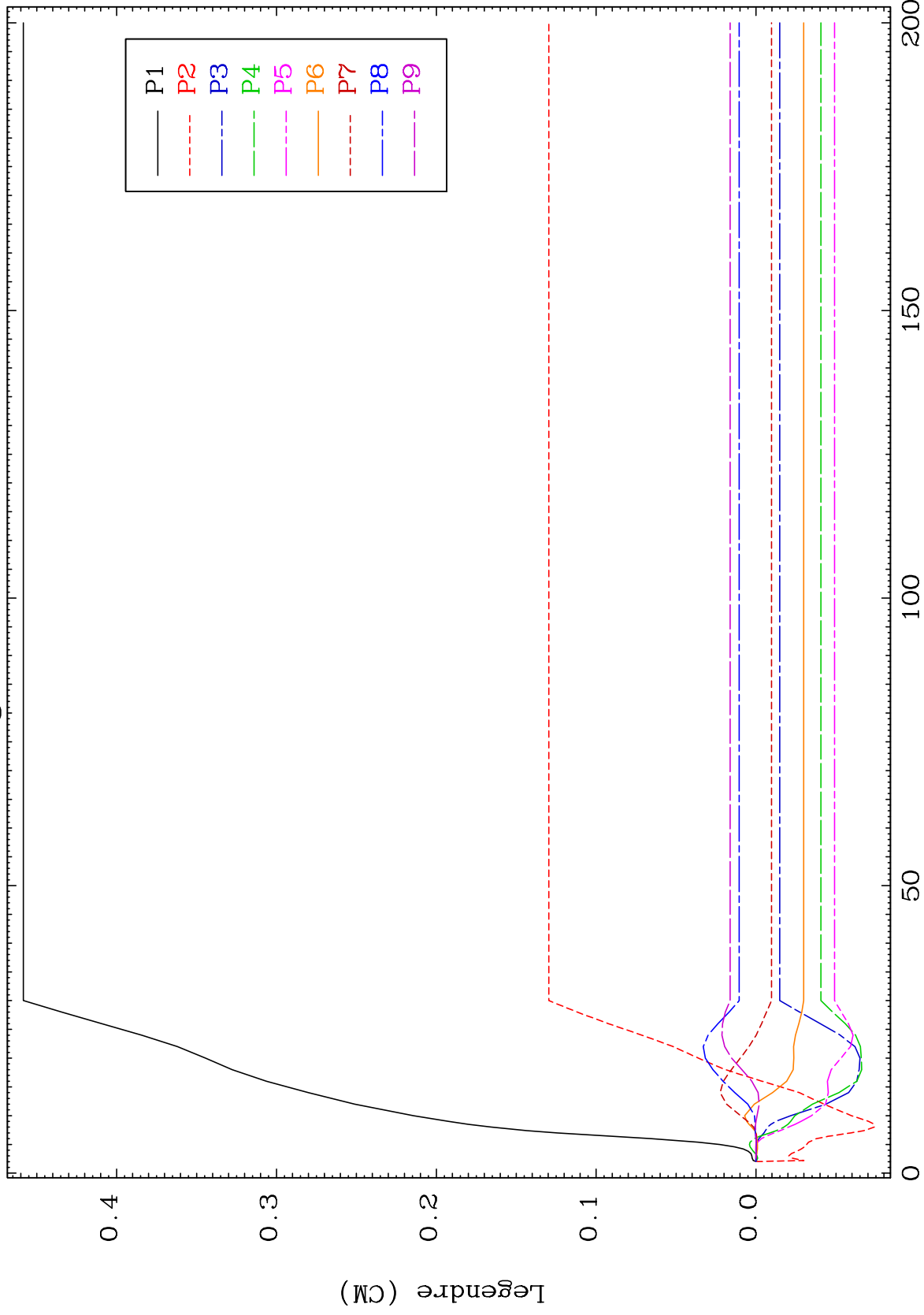
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



78

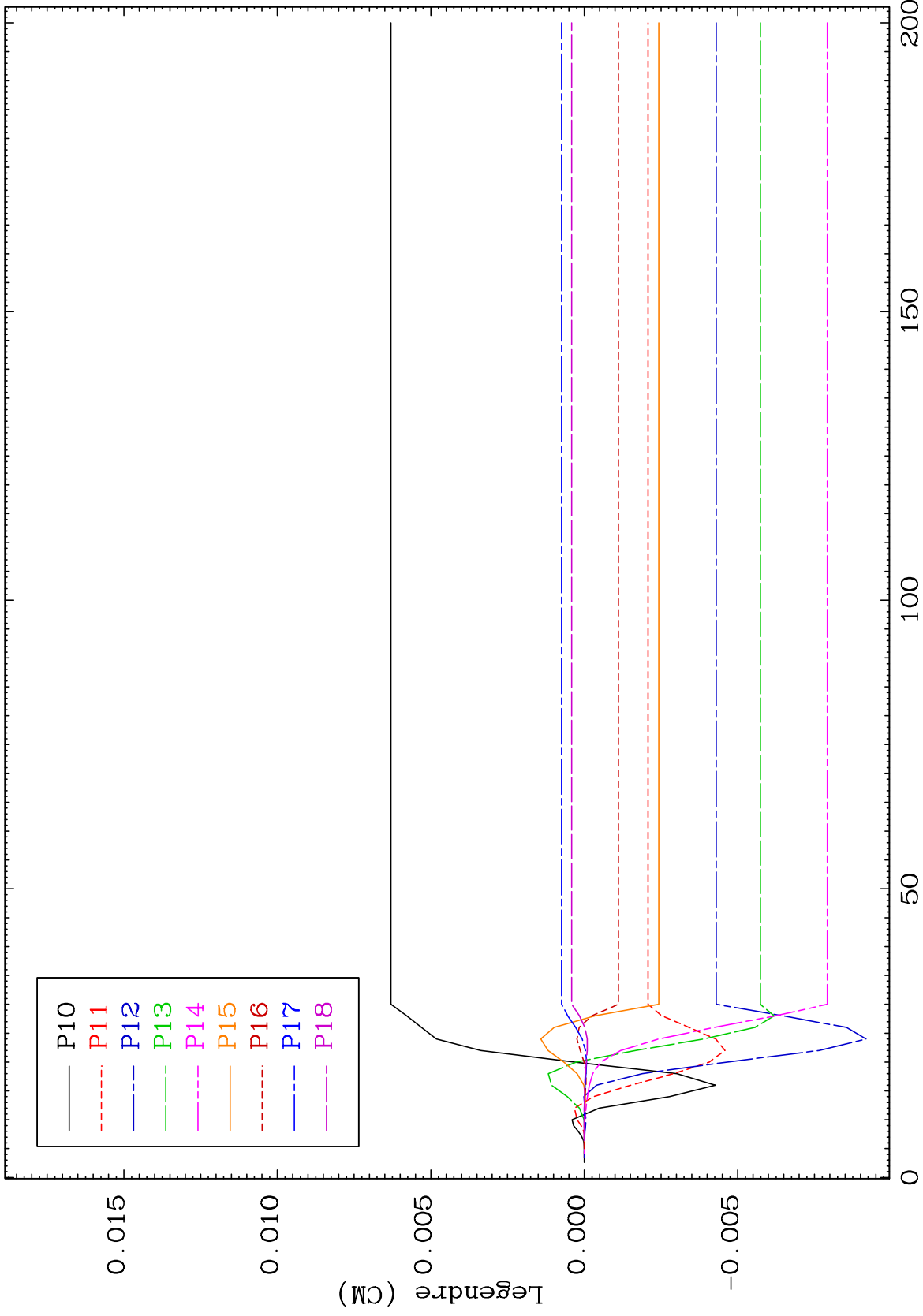
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



79

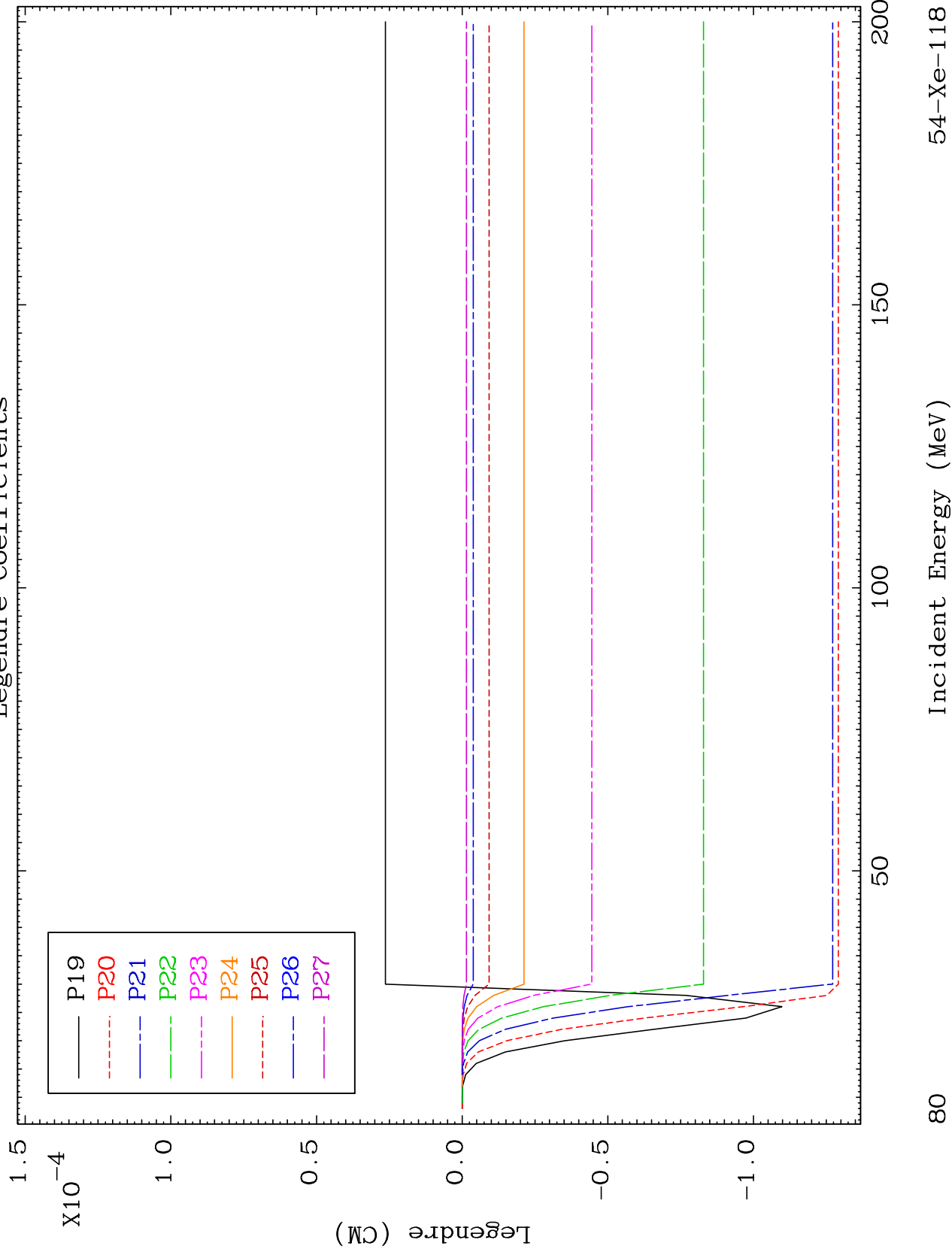
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



80

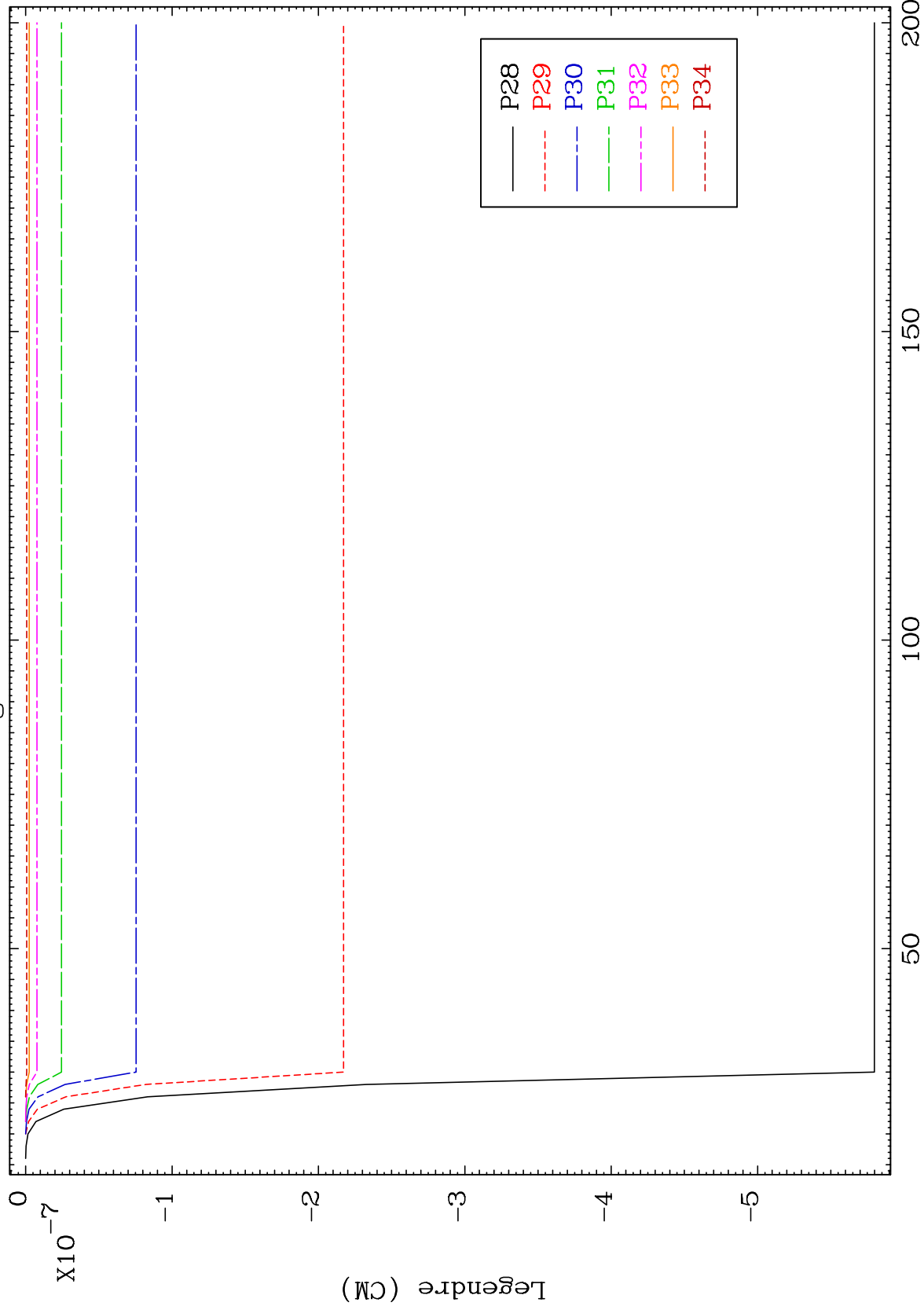
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

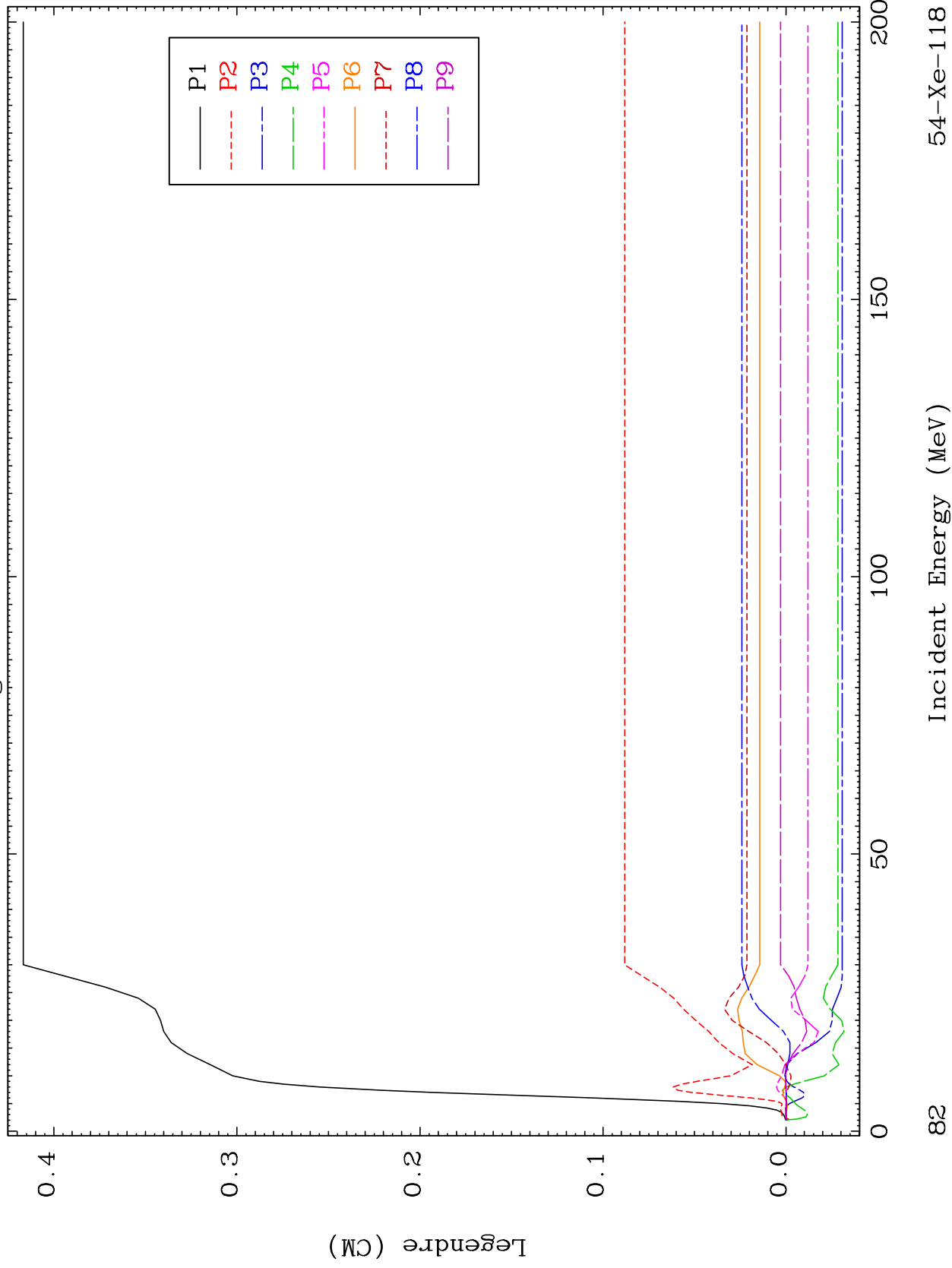
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

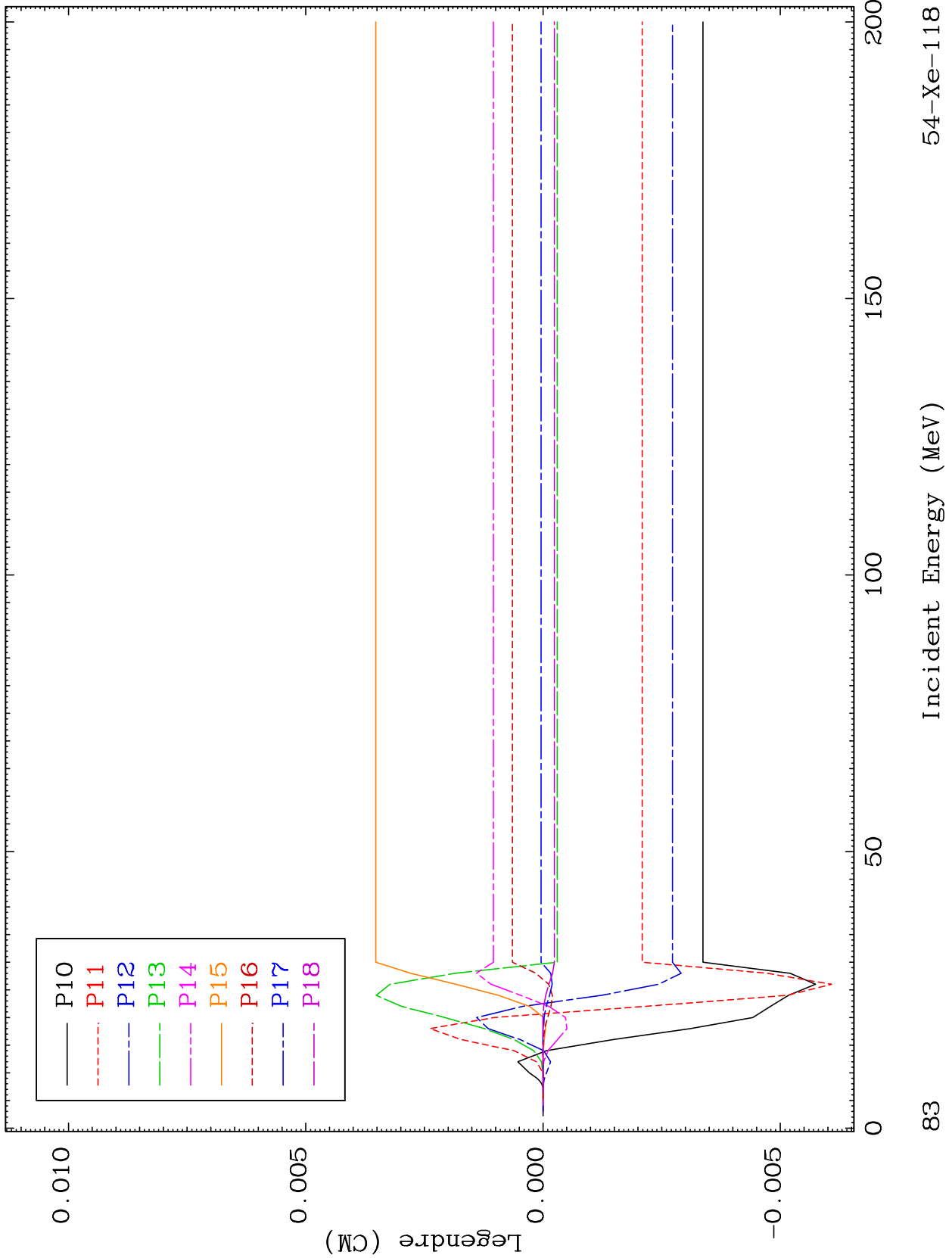
Incident Energy (MeV)

82

MAT 5407

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

54-Xe-118

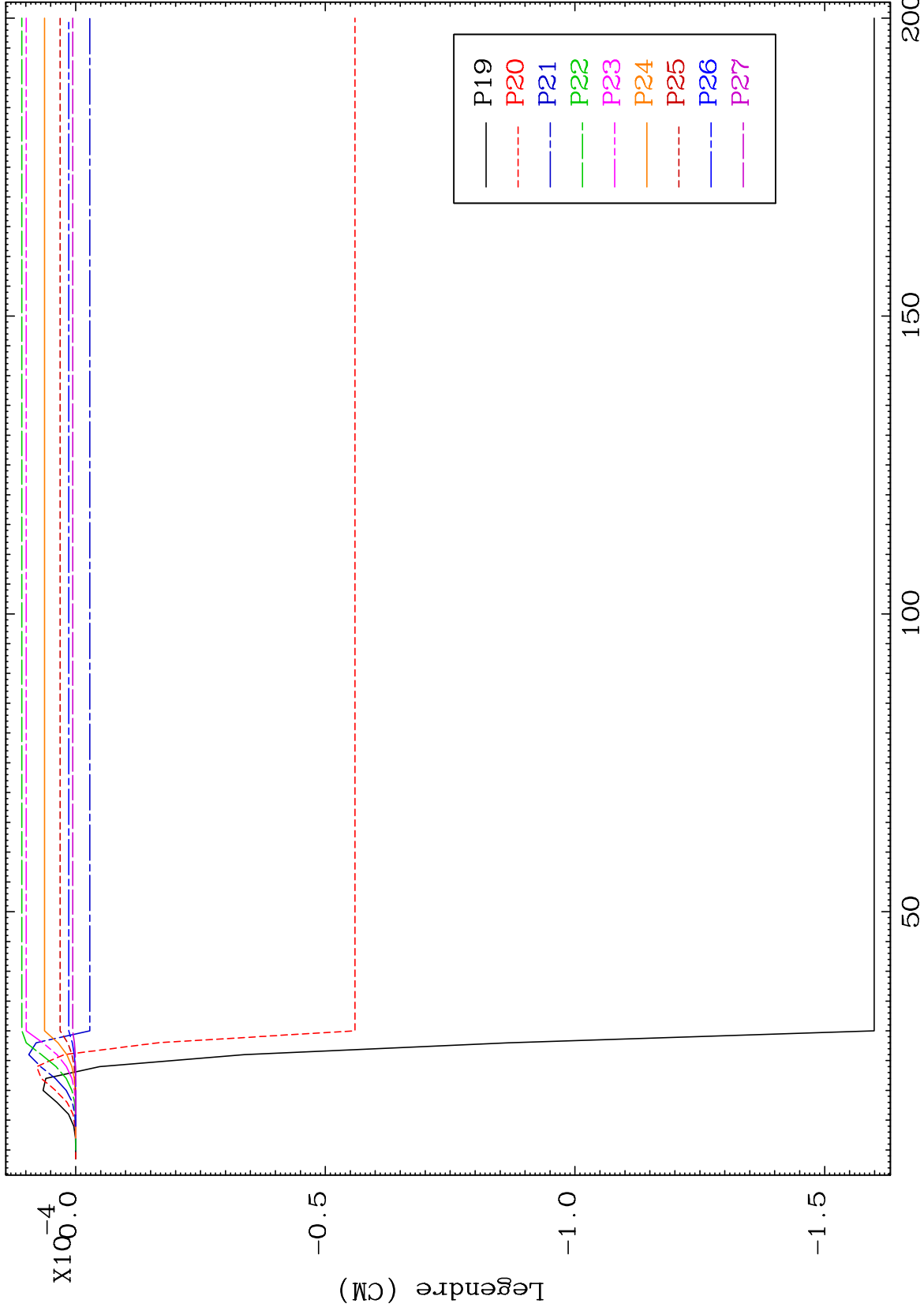


MAT 5407

MT= 67 (n,n') Level

54-Xe-118

Legendre Coefficients



84

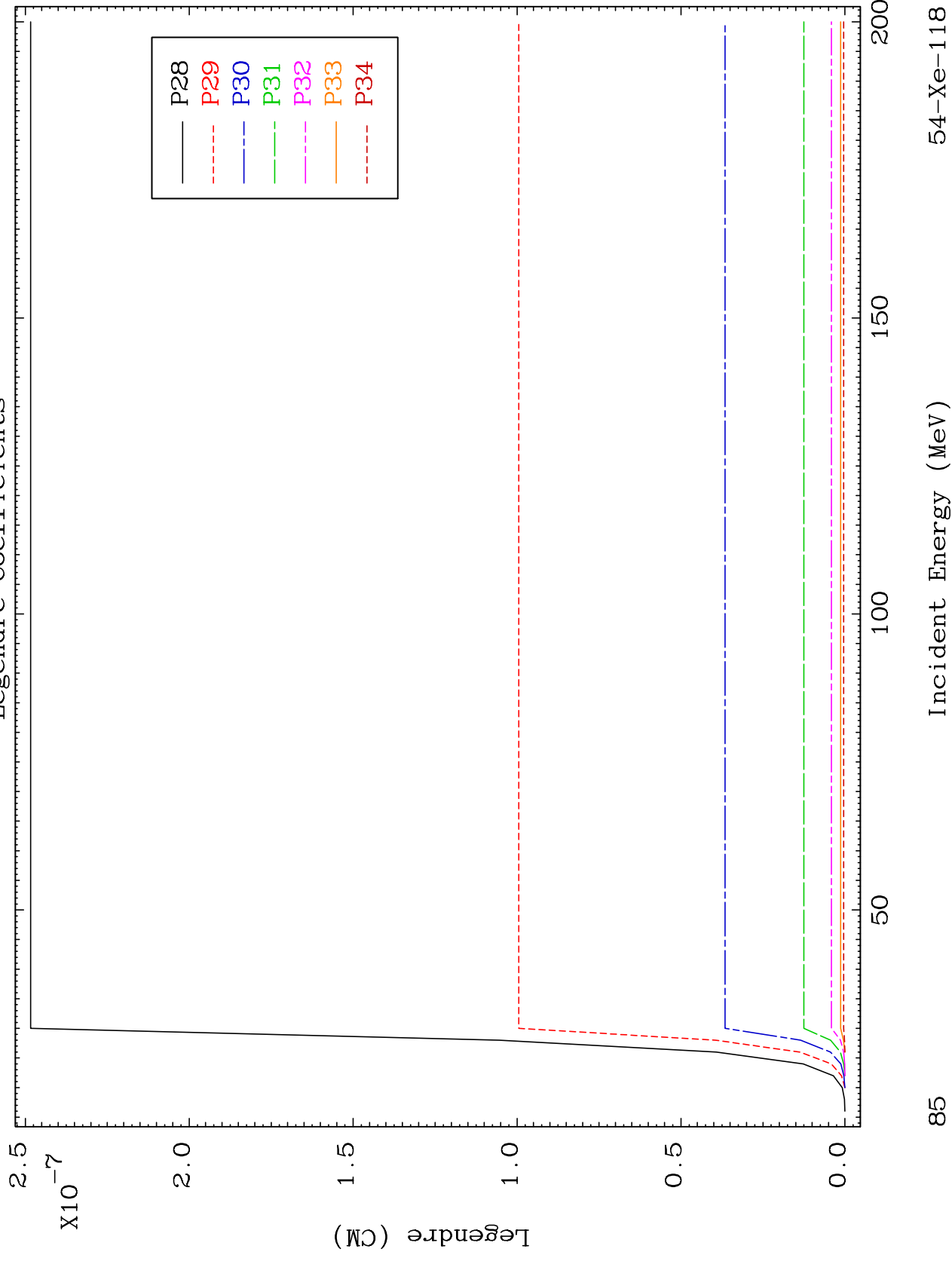
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



85

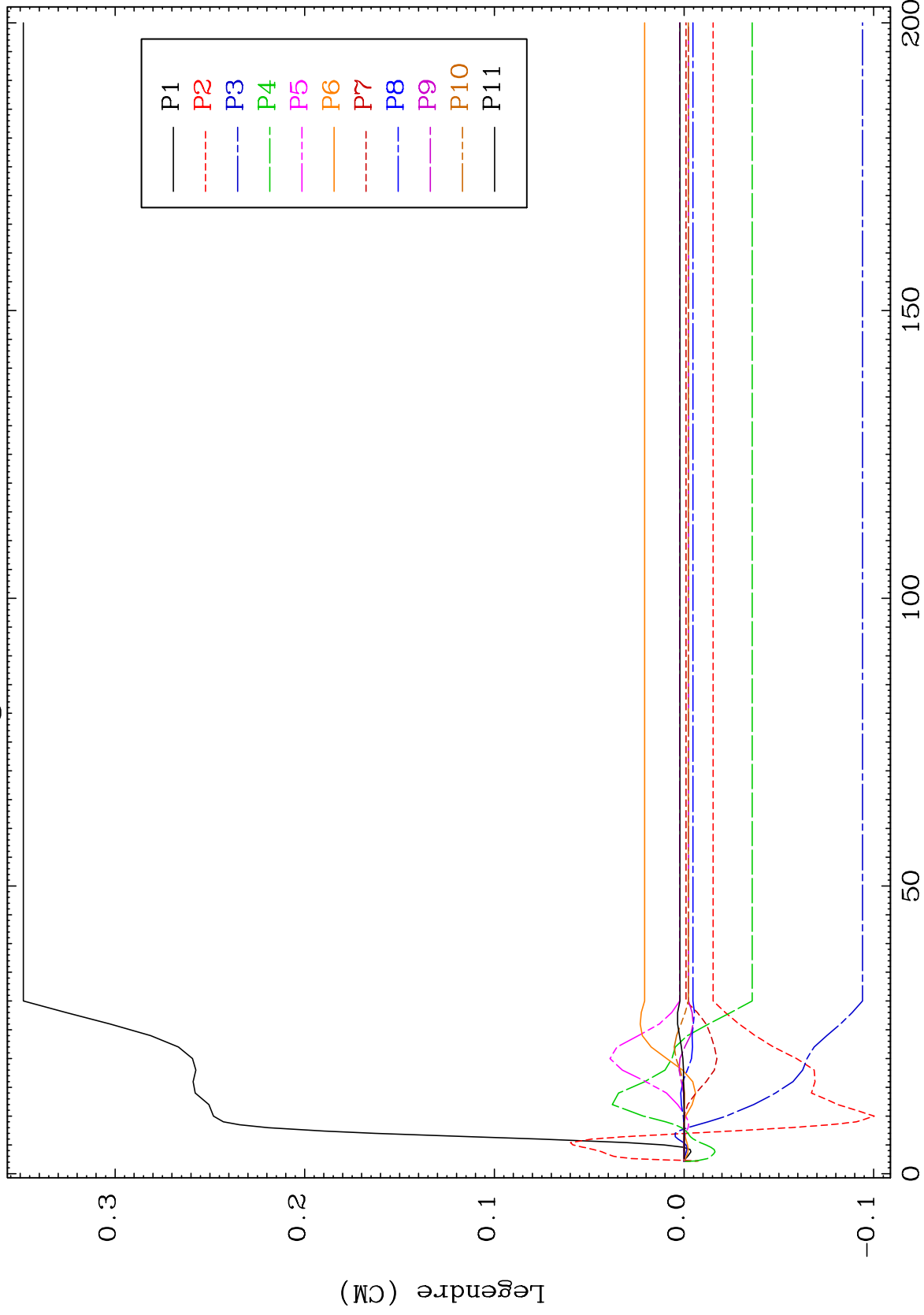
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



54-Xe-118

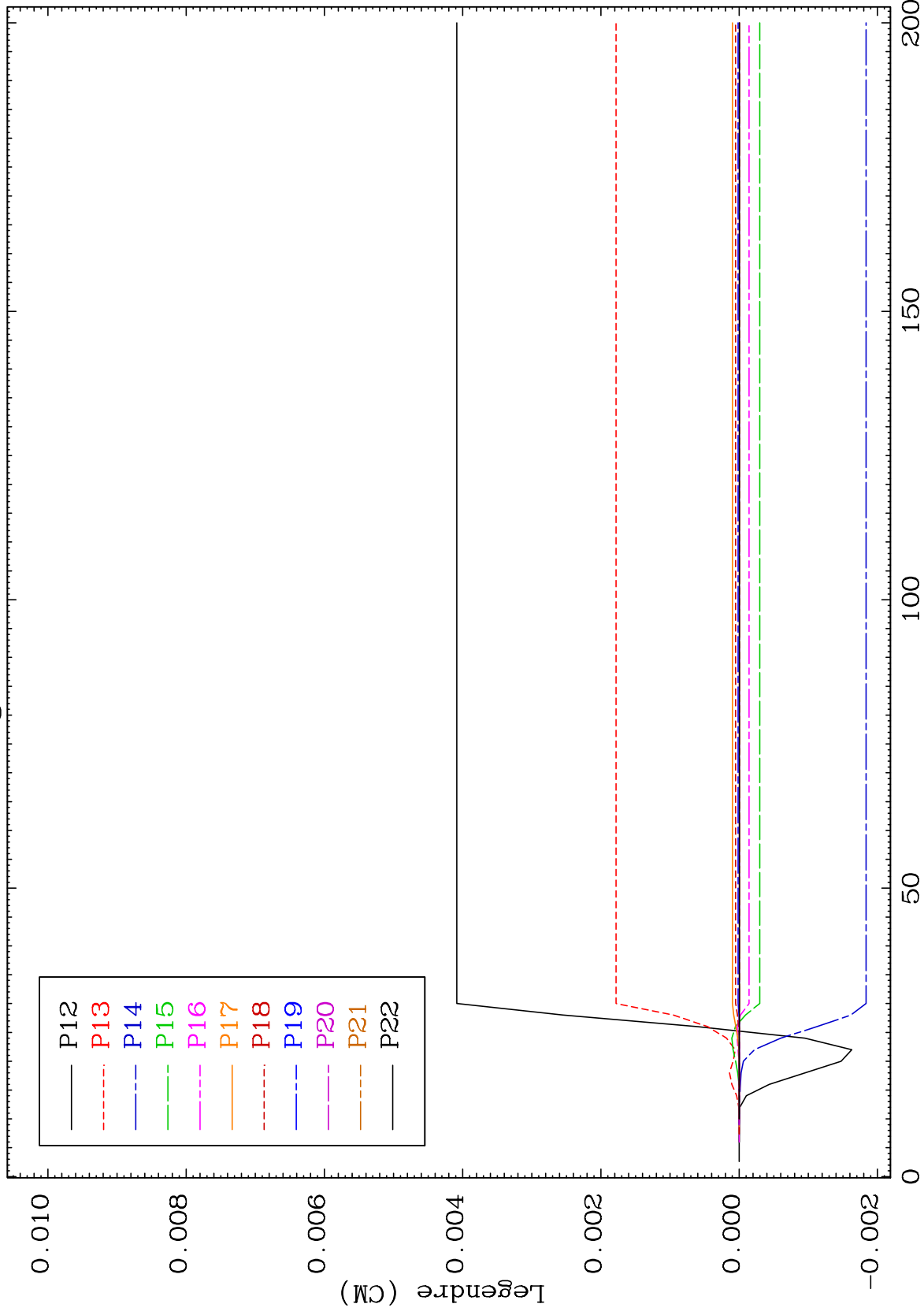
Incident Energy (MeV)

86

MAT 5407

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

54-Xe-118



87

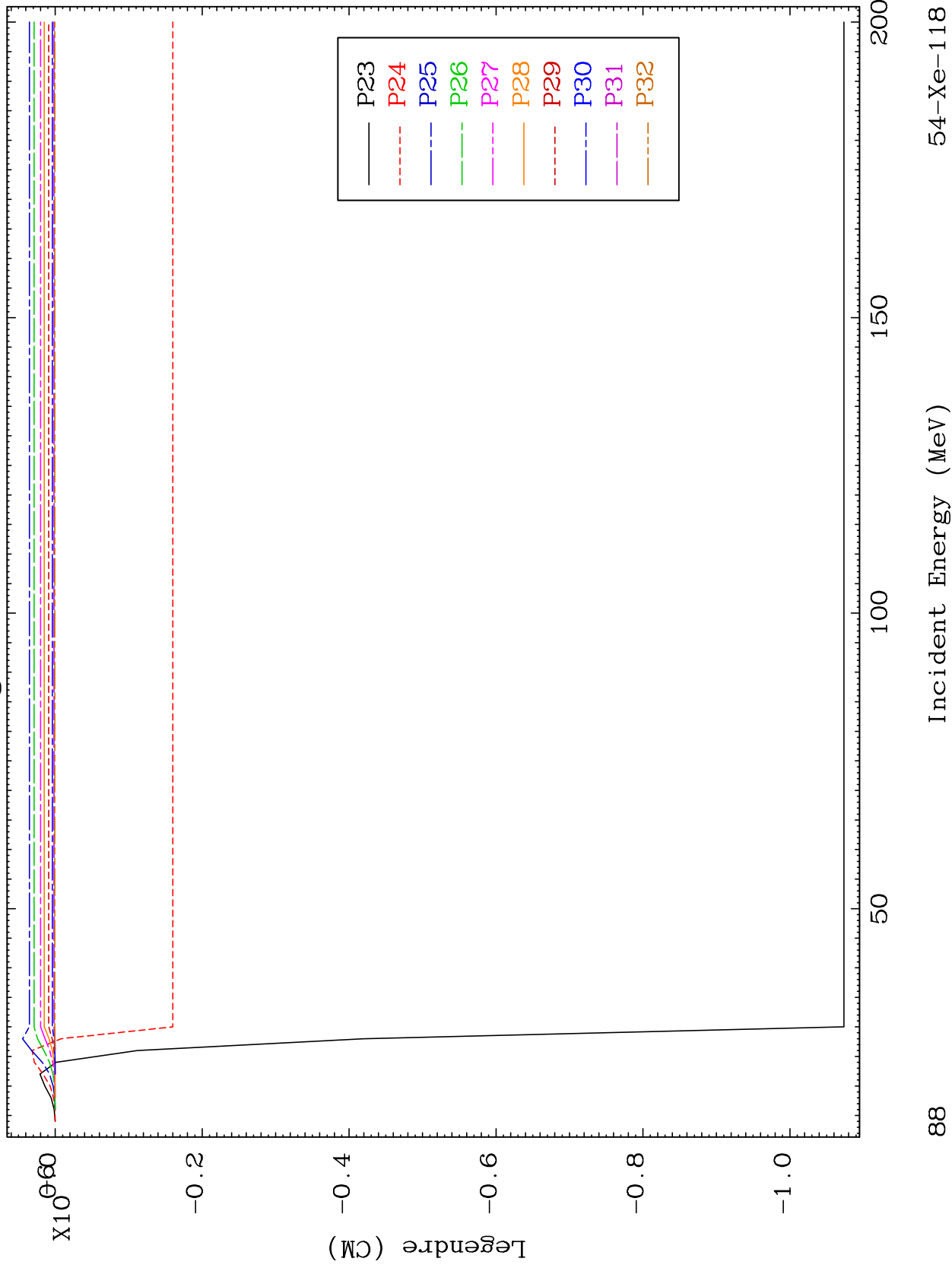
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



88

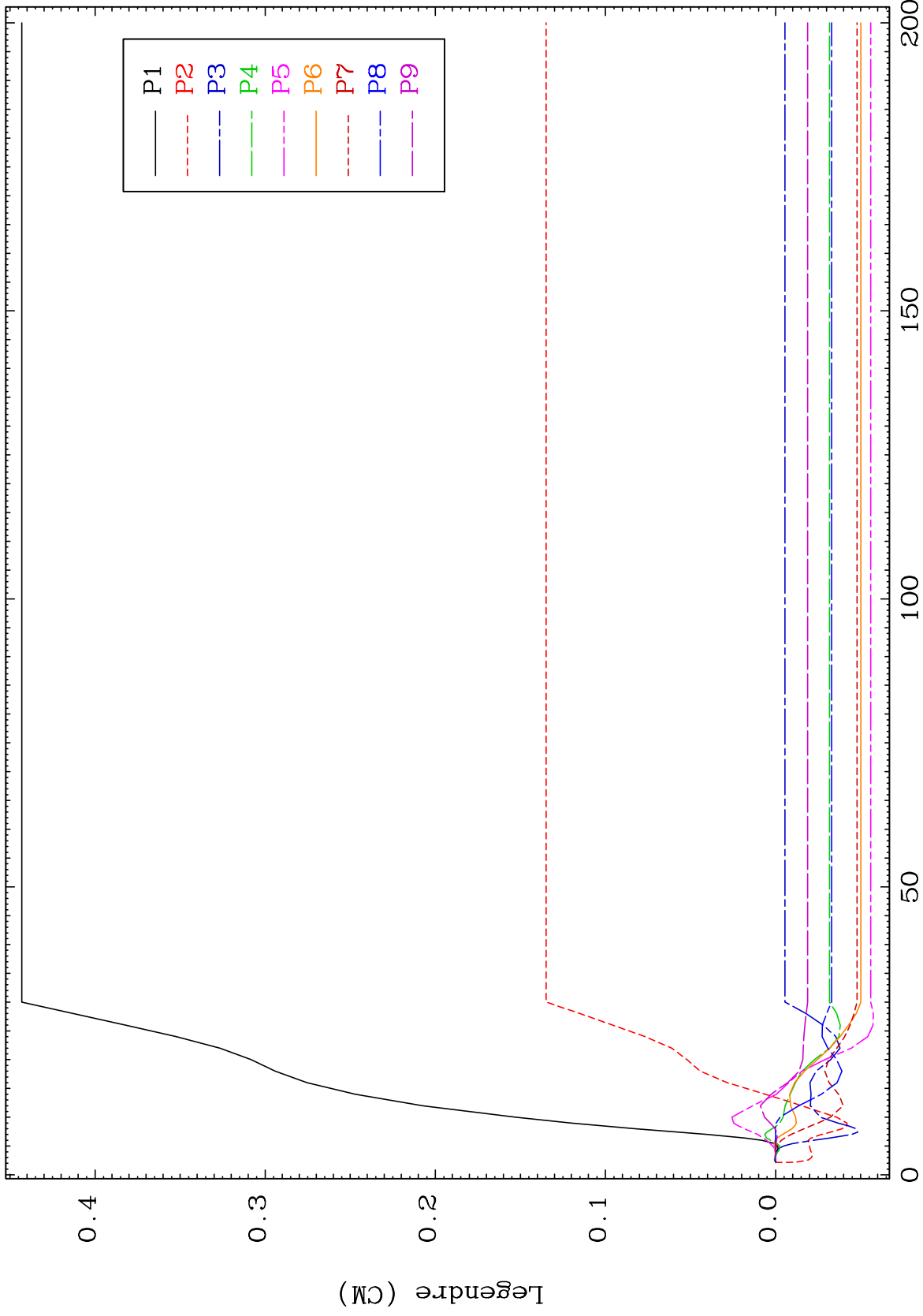
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



89

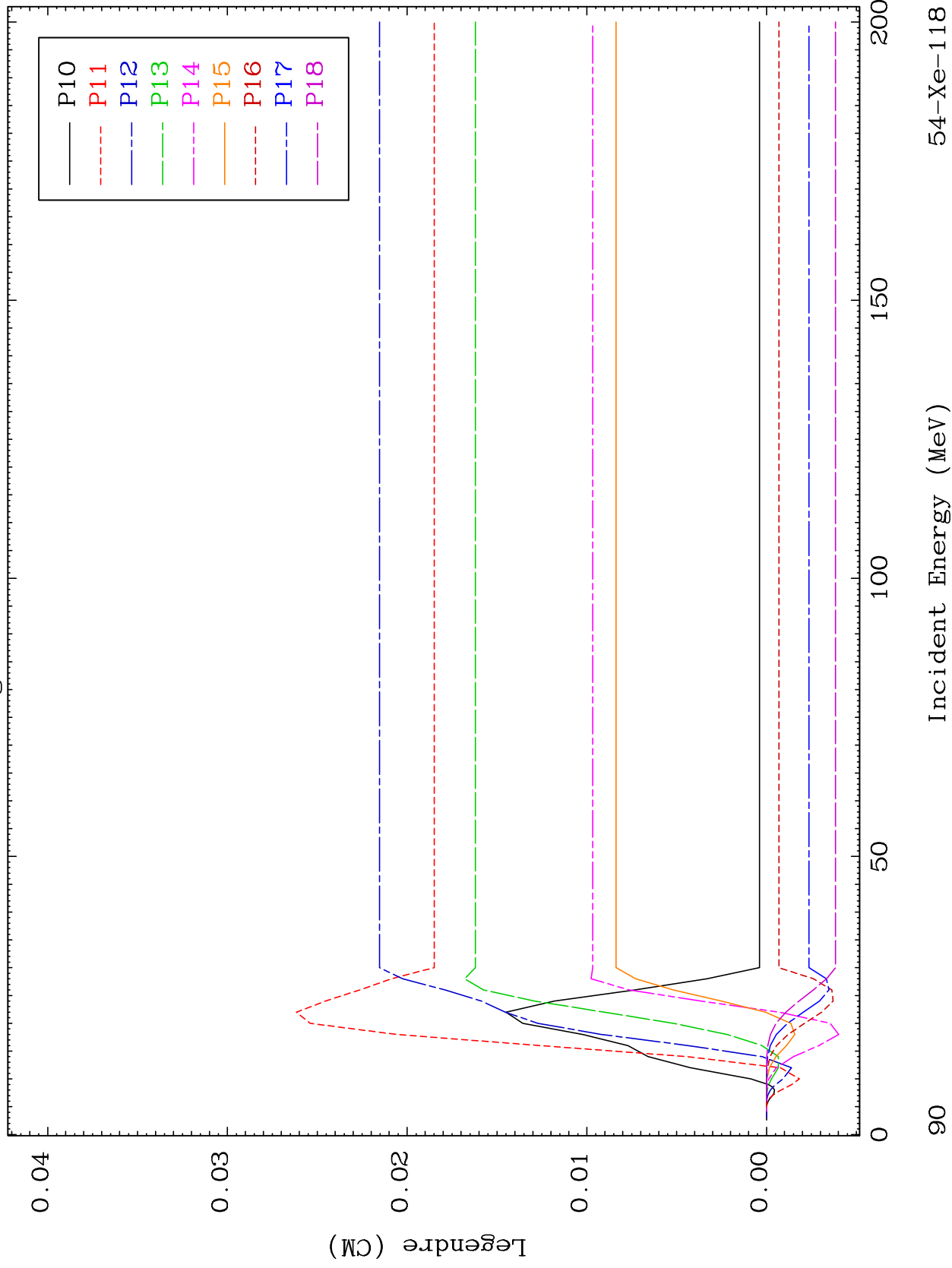
Incident Energy (MeV)

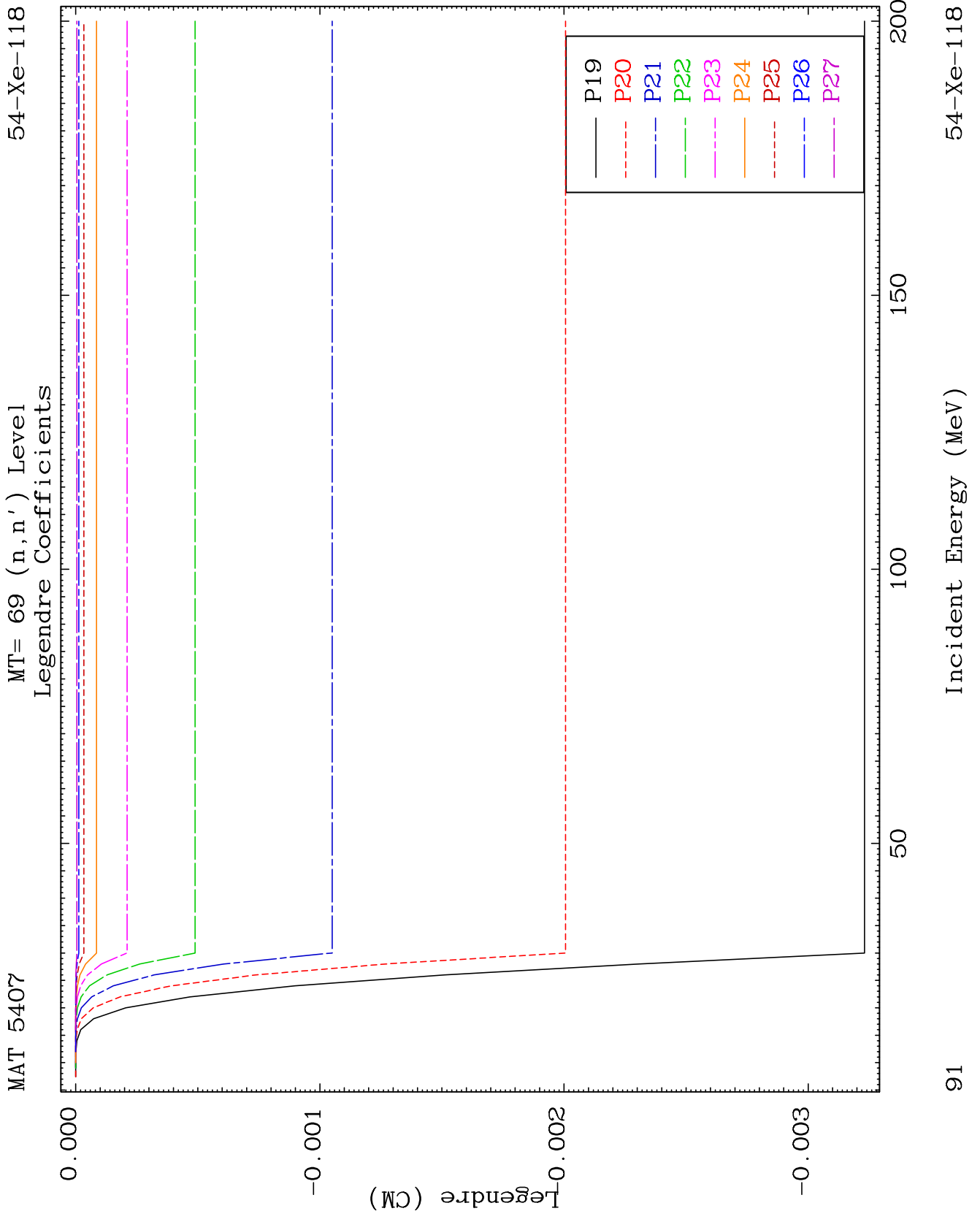
54-Xe-118

MAT 5407

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

54-Xe-118



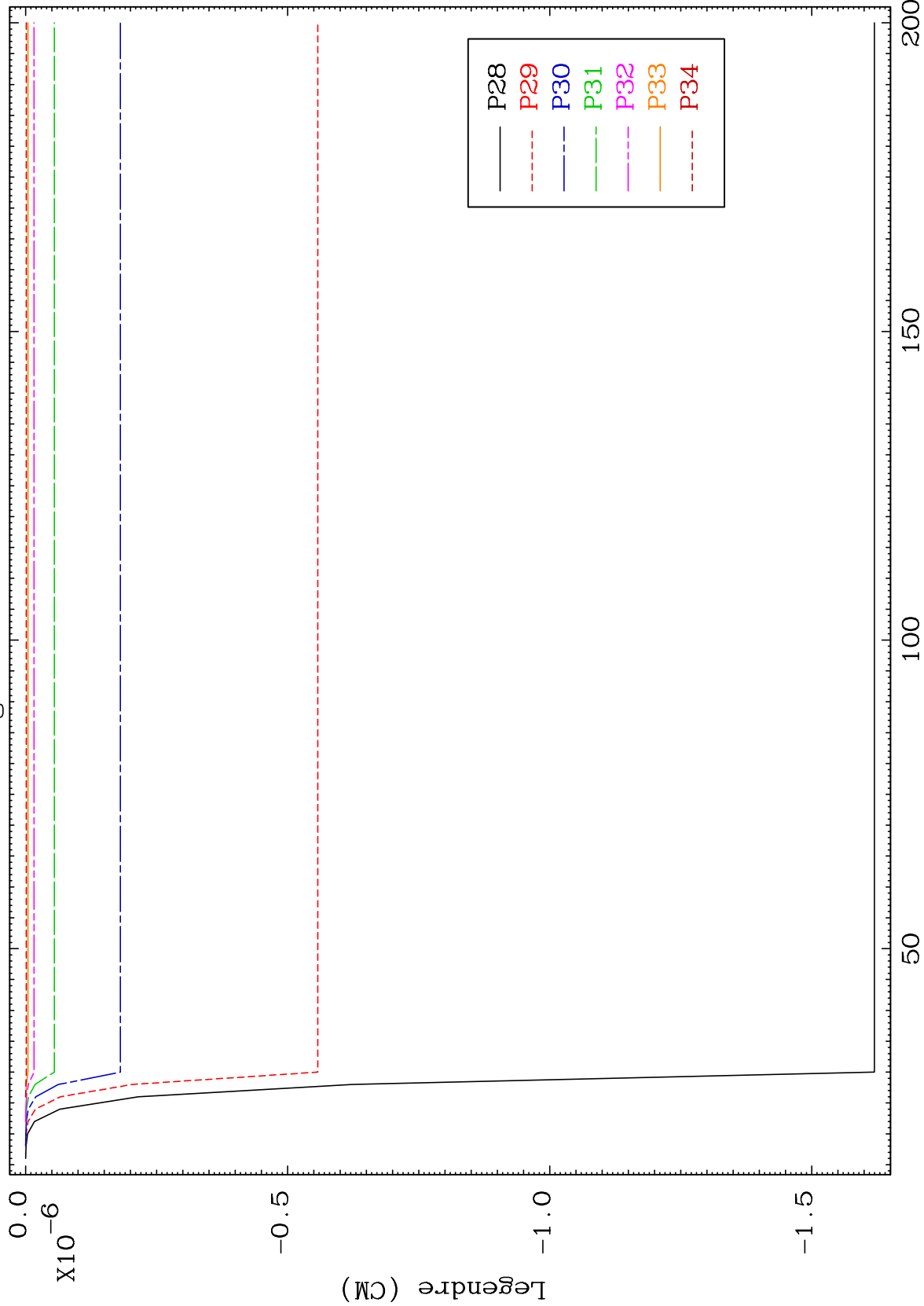


MAT 5407

MT= 69 (n,n') Level

54-Xe-118

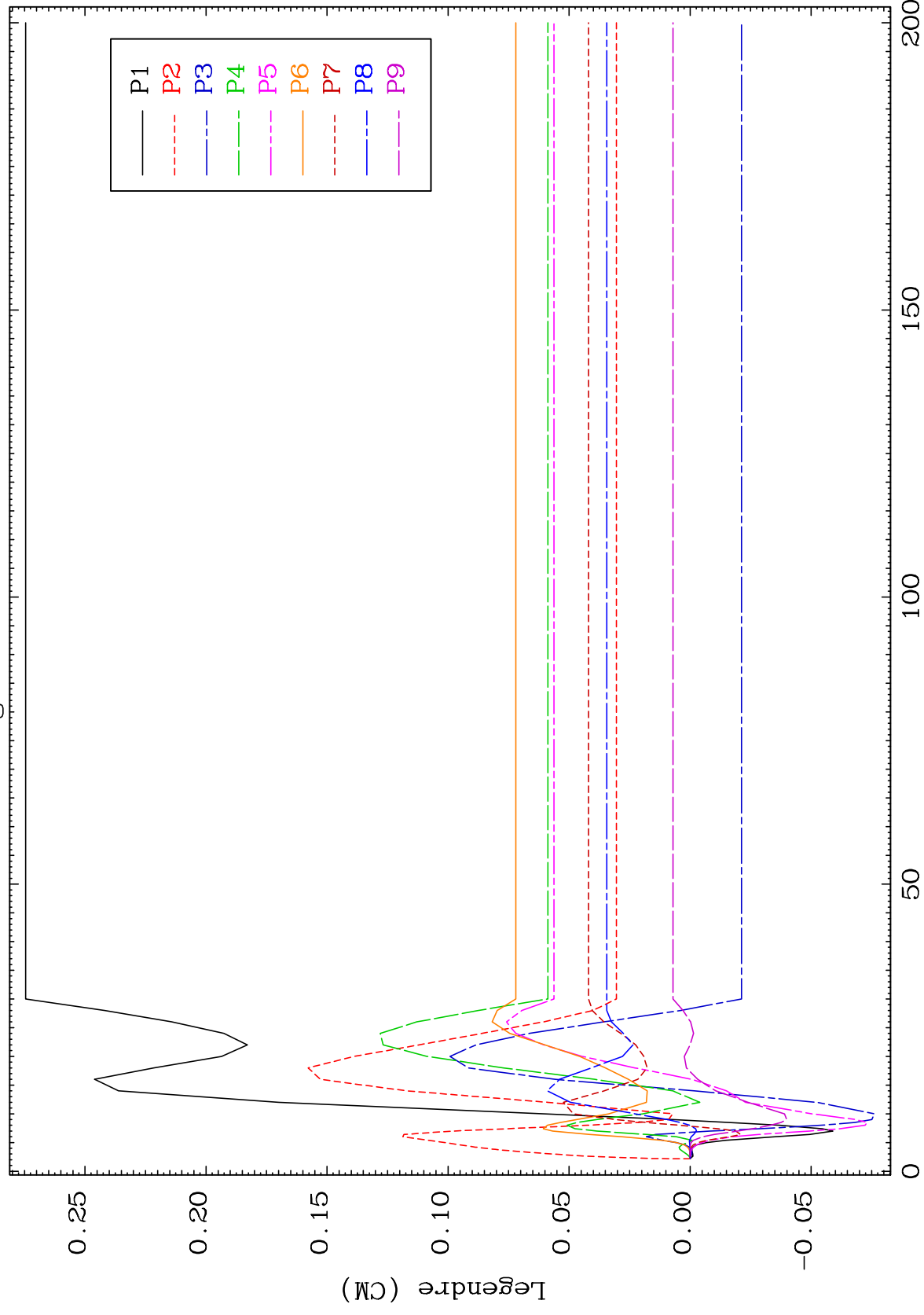
Legendre Coefficients



MAT 5407

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

54-Xe-118



93

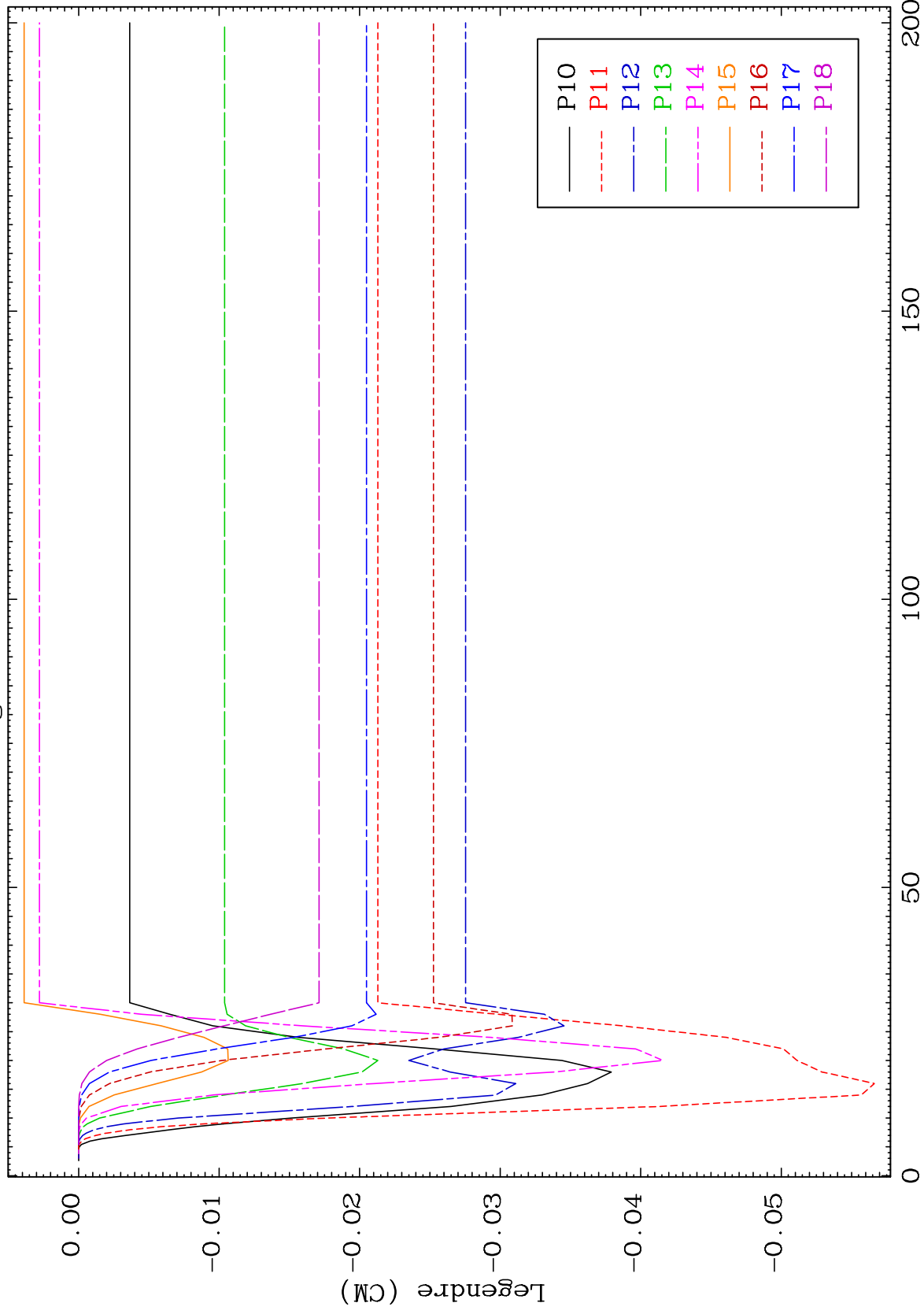
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



94

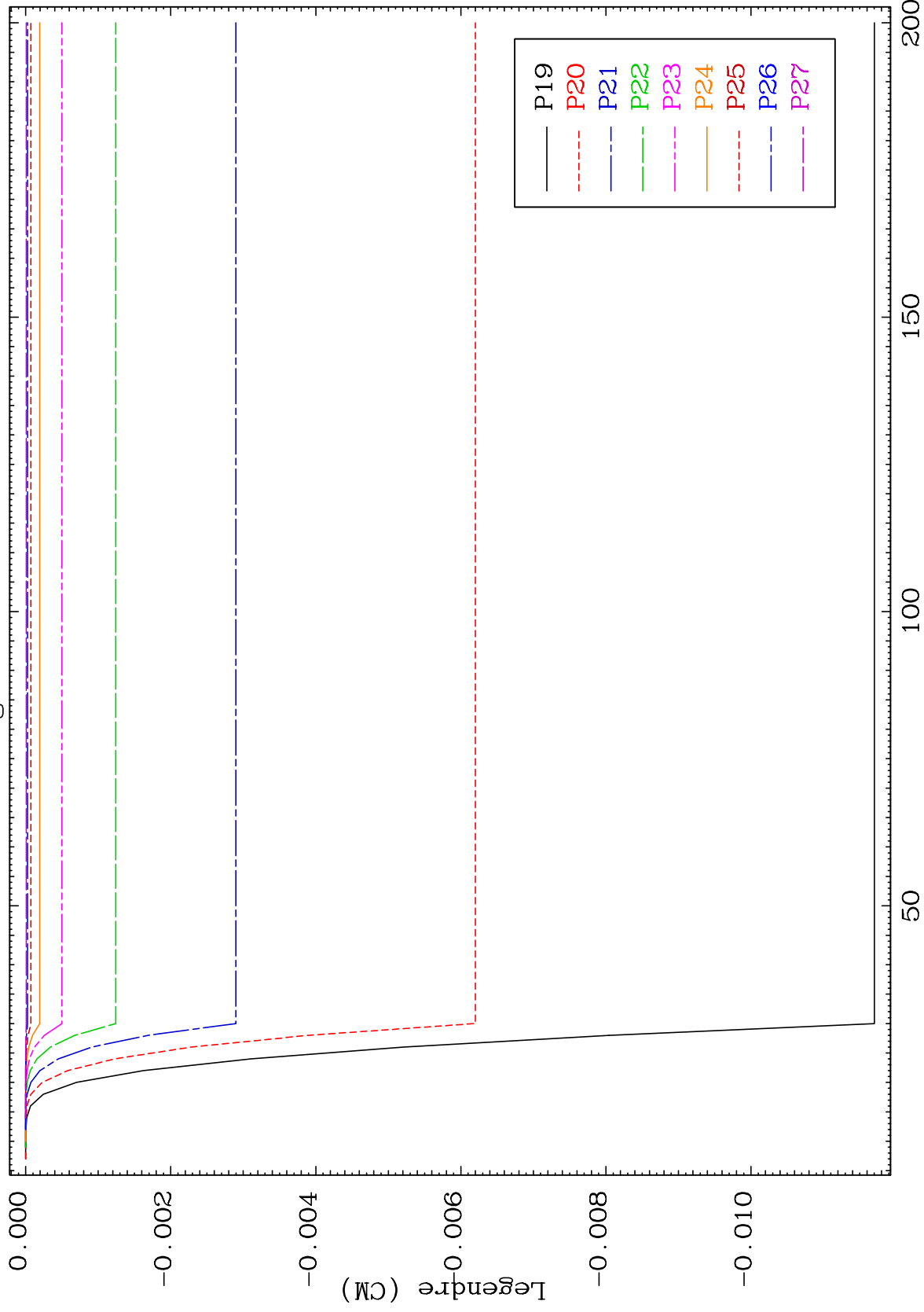
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



95

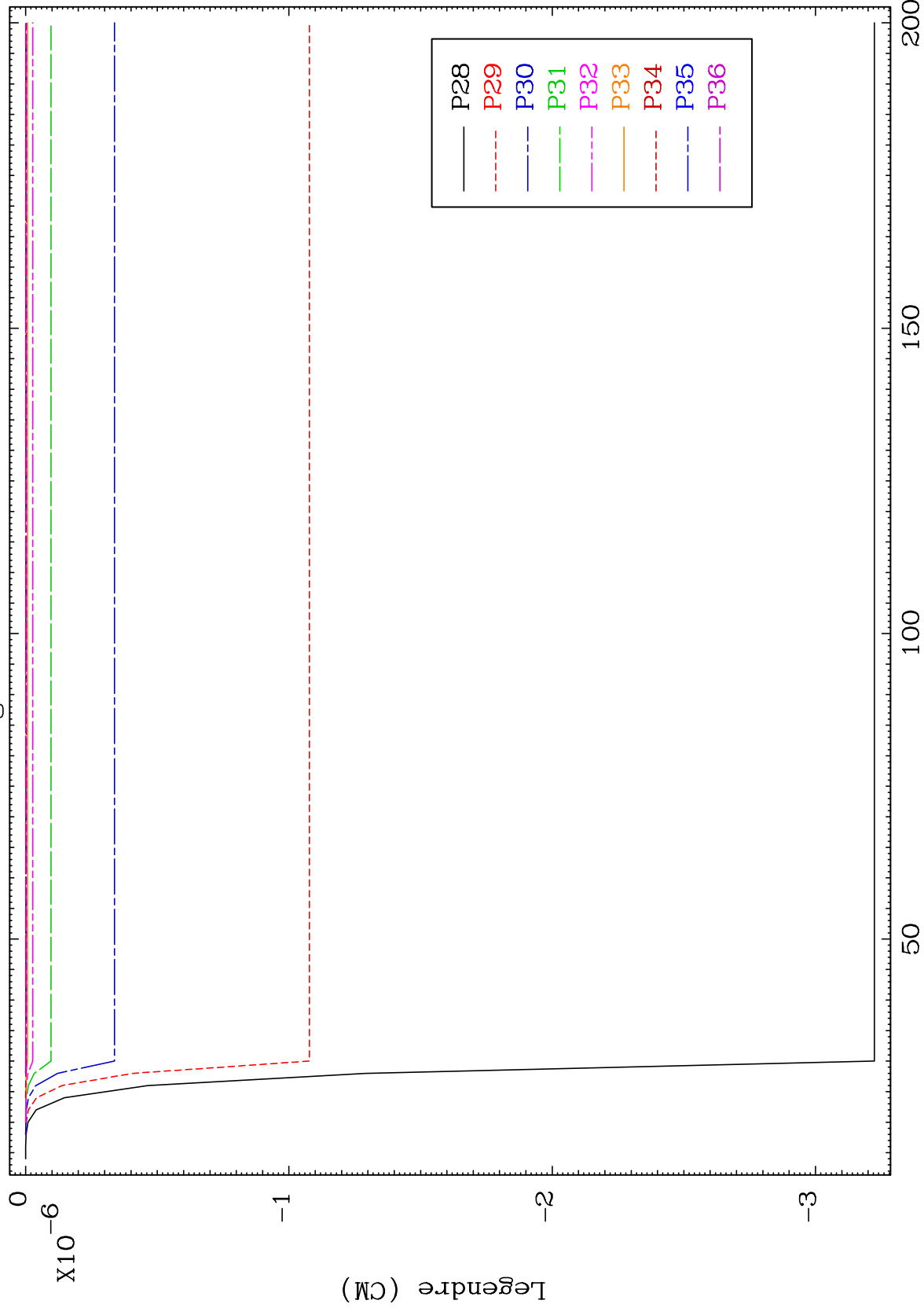
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



96

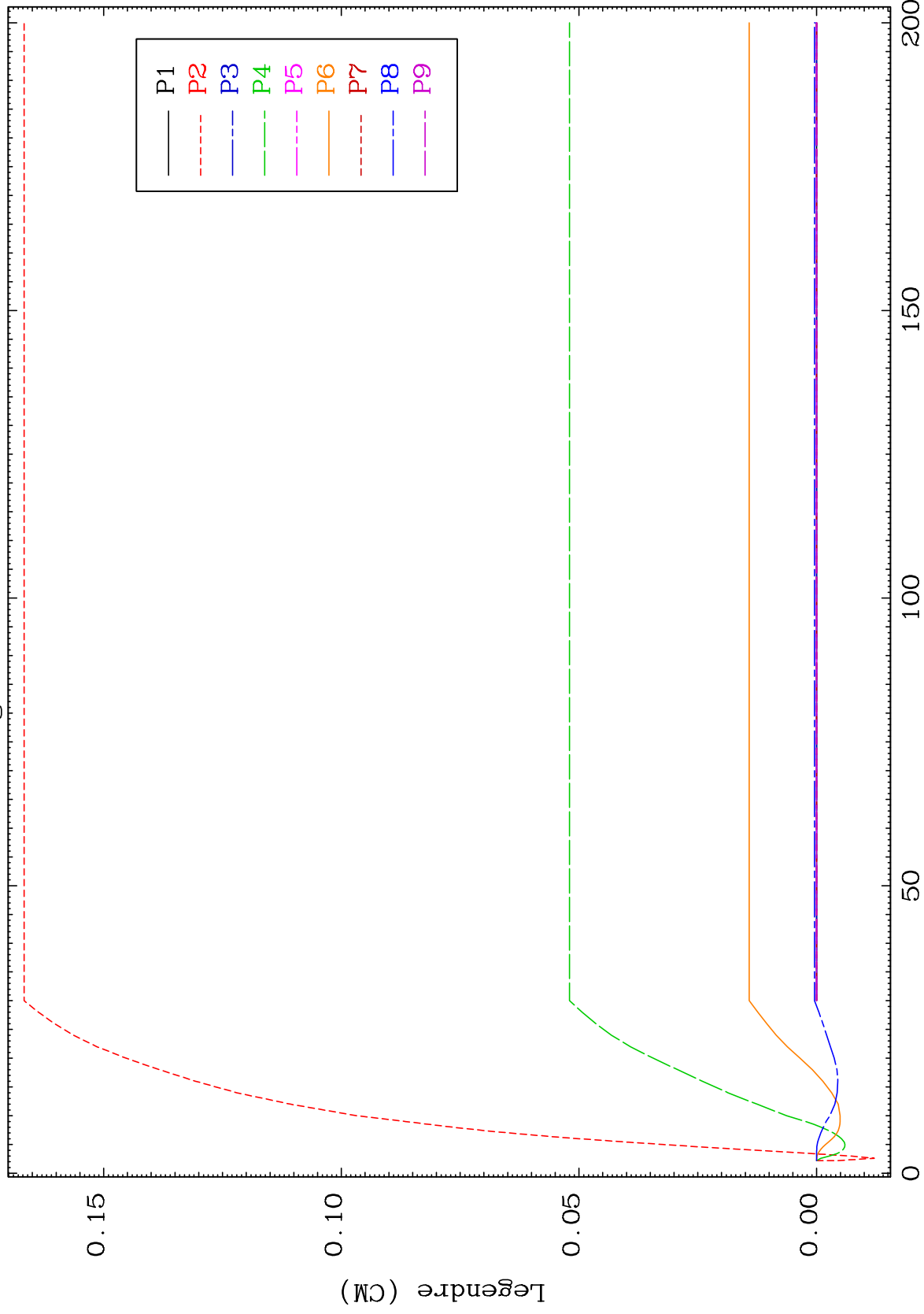
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



97

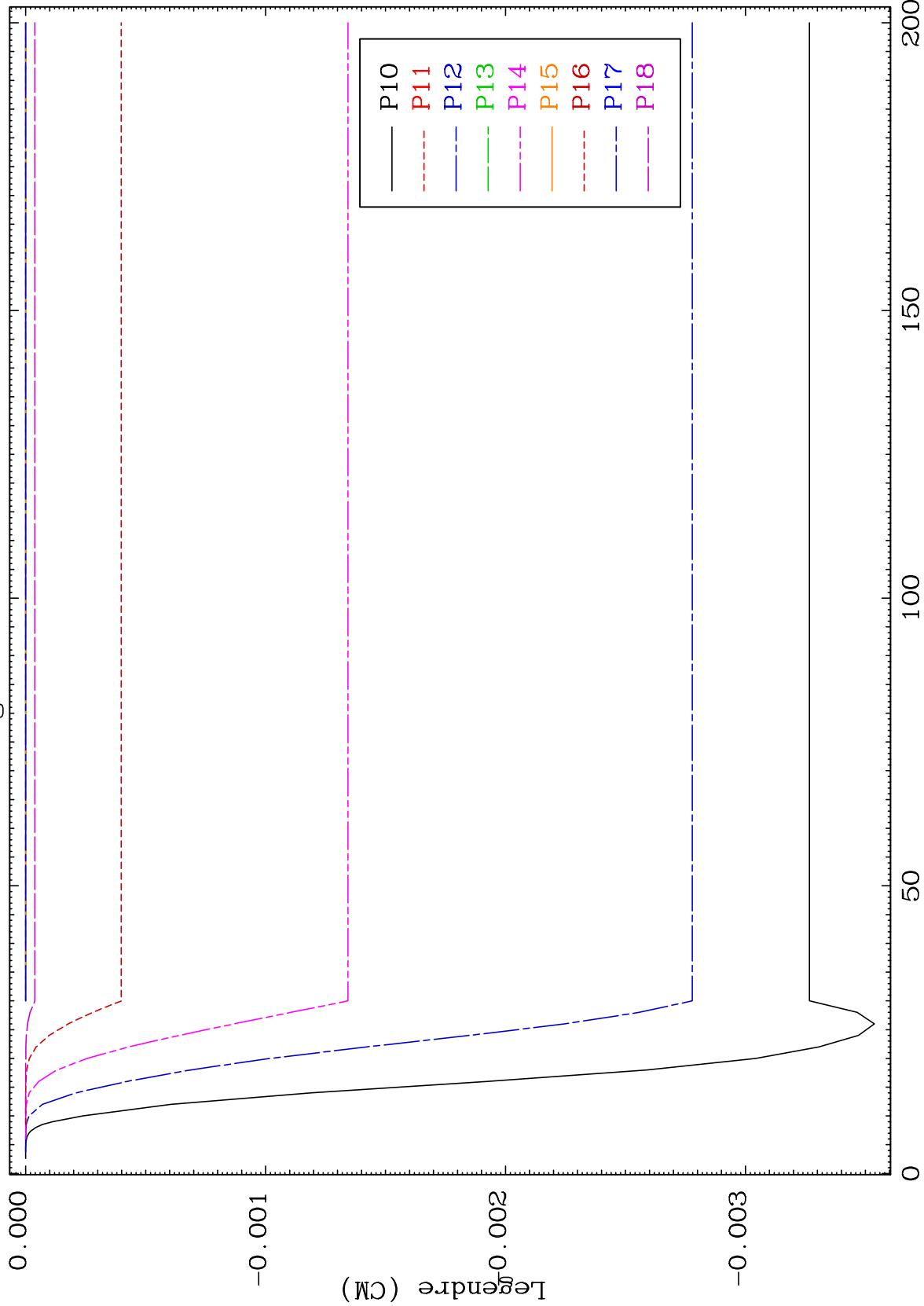
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

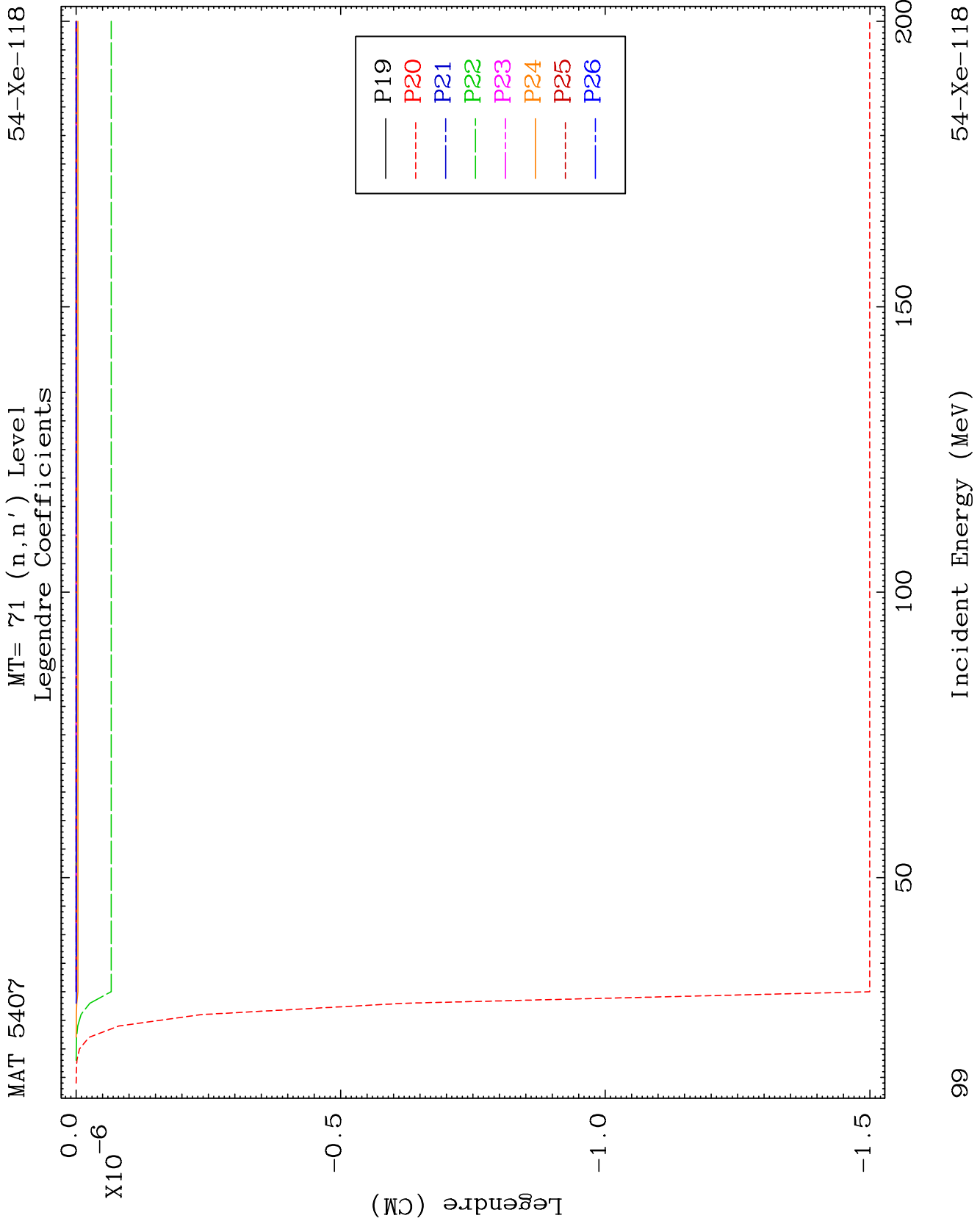
54-Xe-118



54-Xe-118

Incident Energy (MeV)

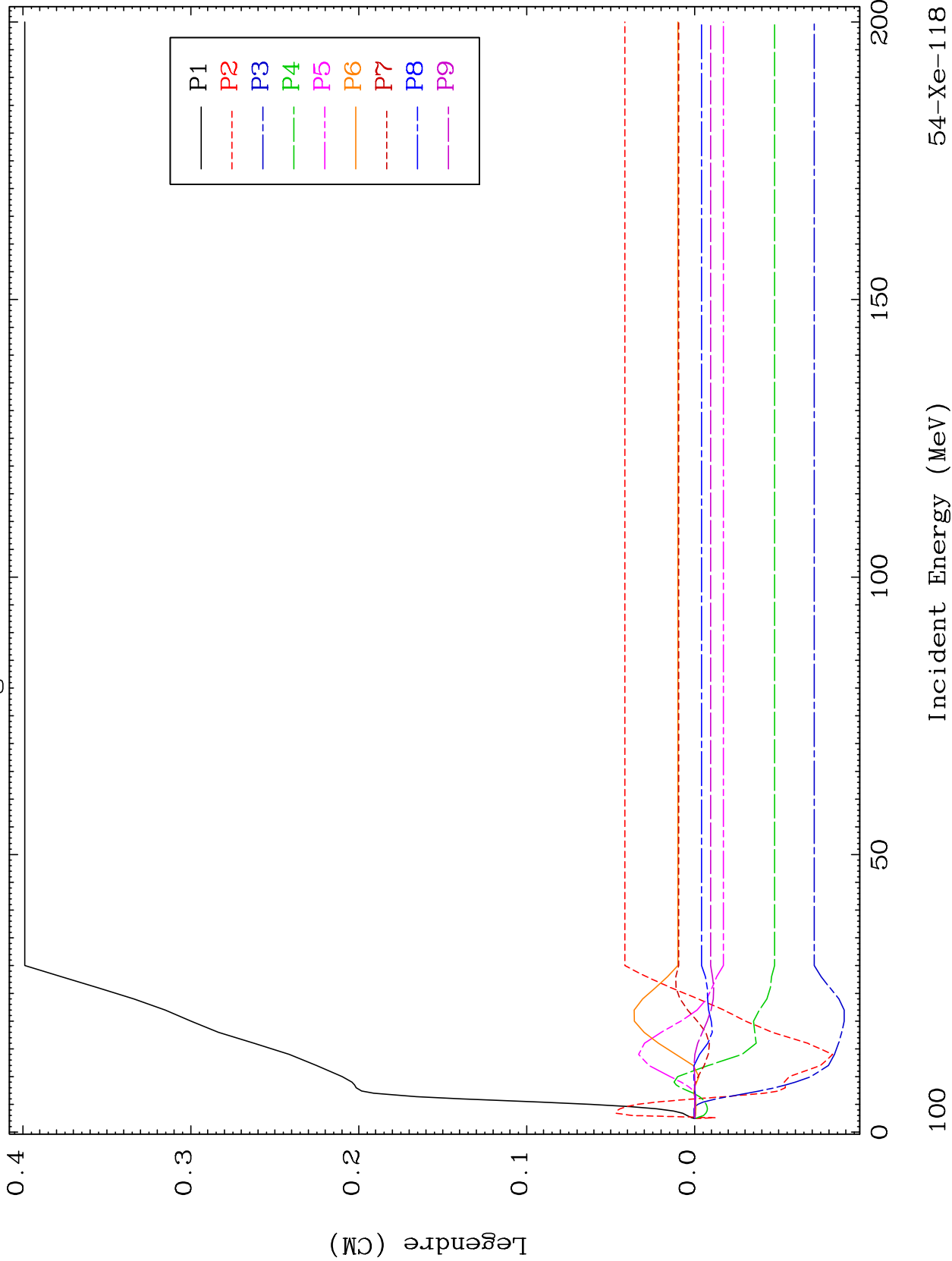
98



MAT 5407

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

54-Xe-118

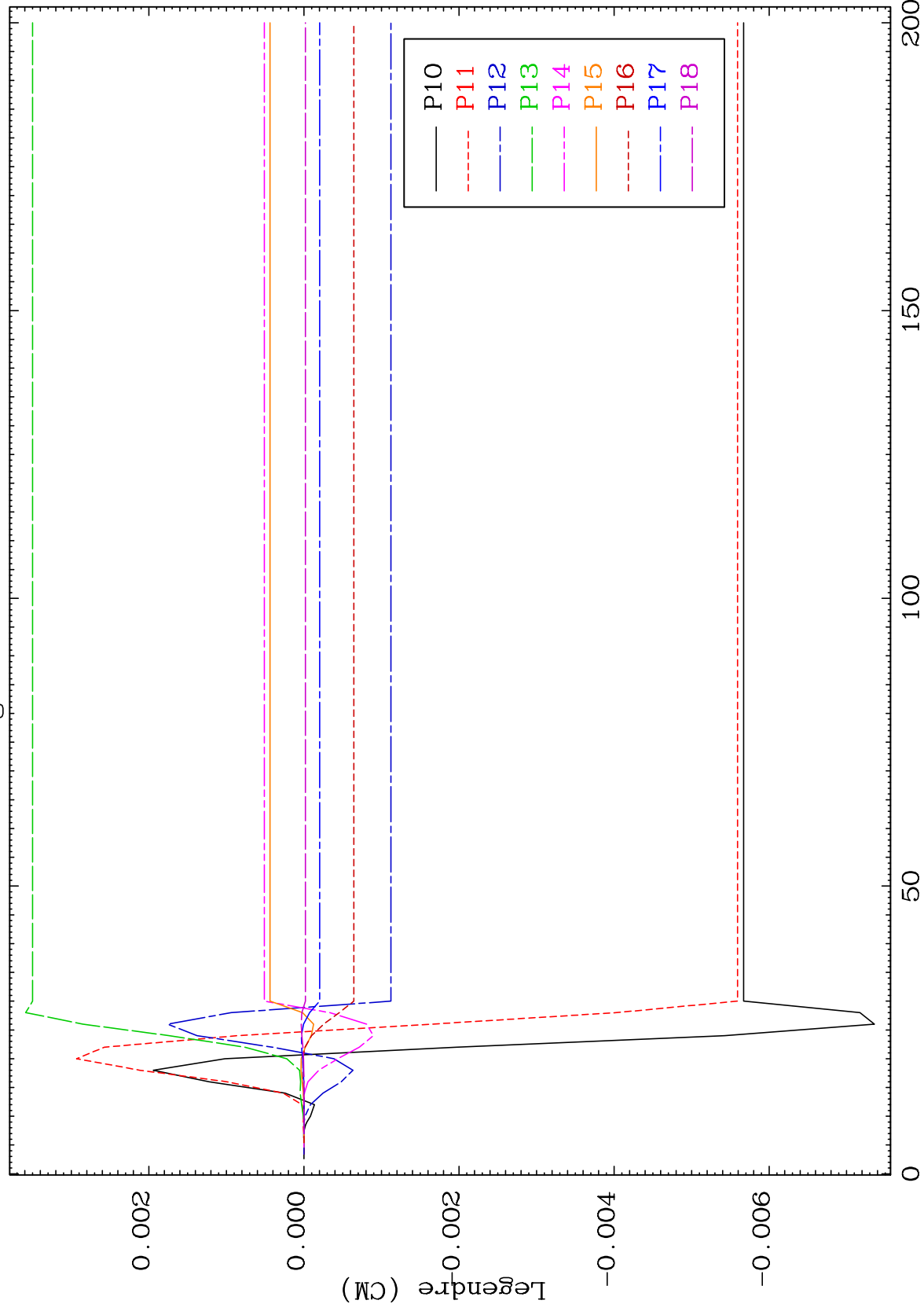


54-Xe-118

MAT 5407

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

54-Xe-118



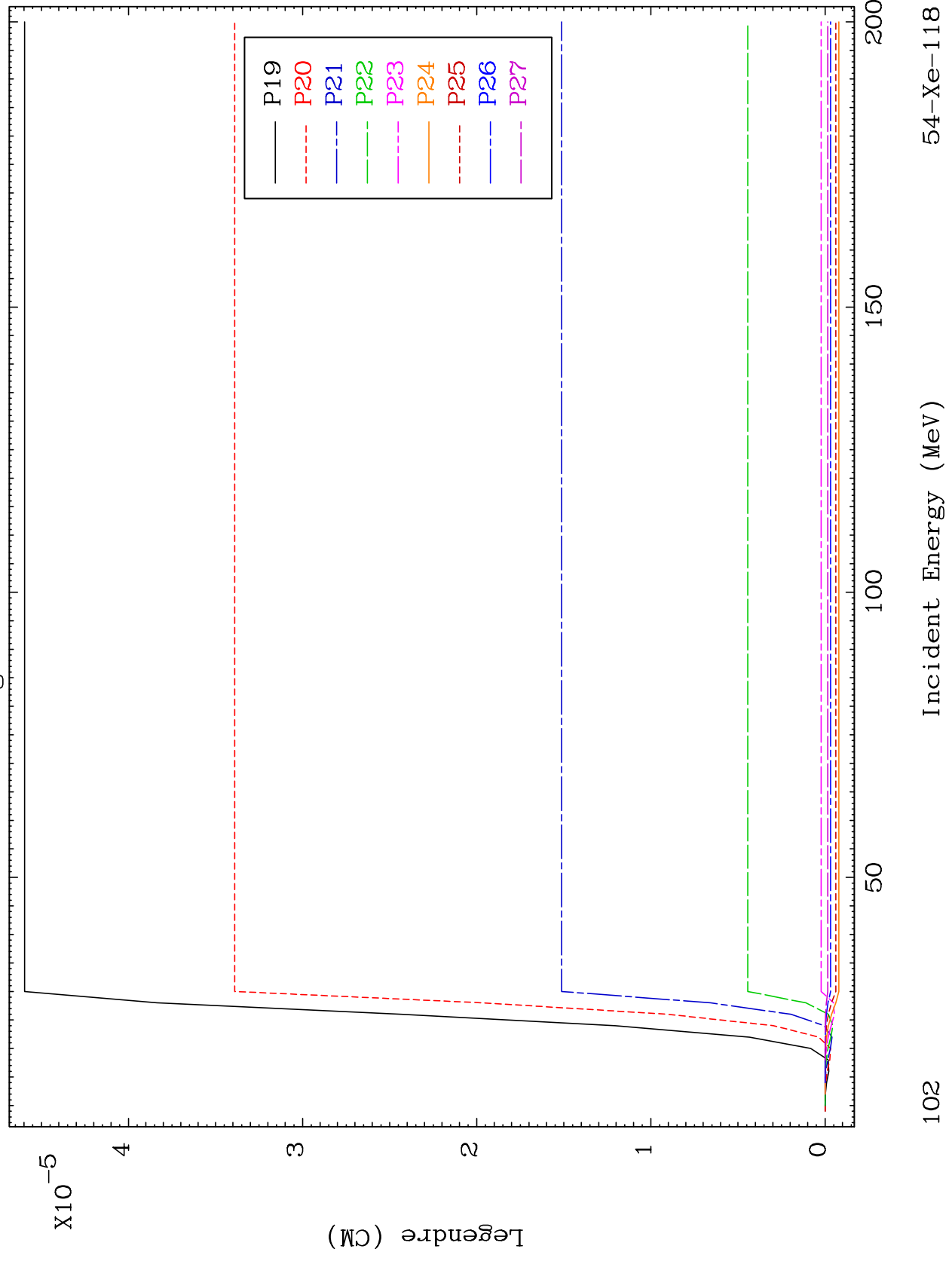
101

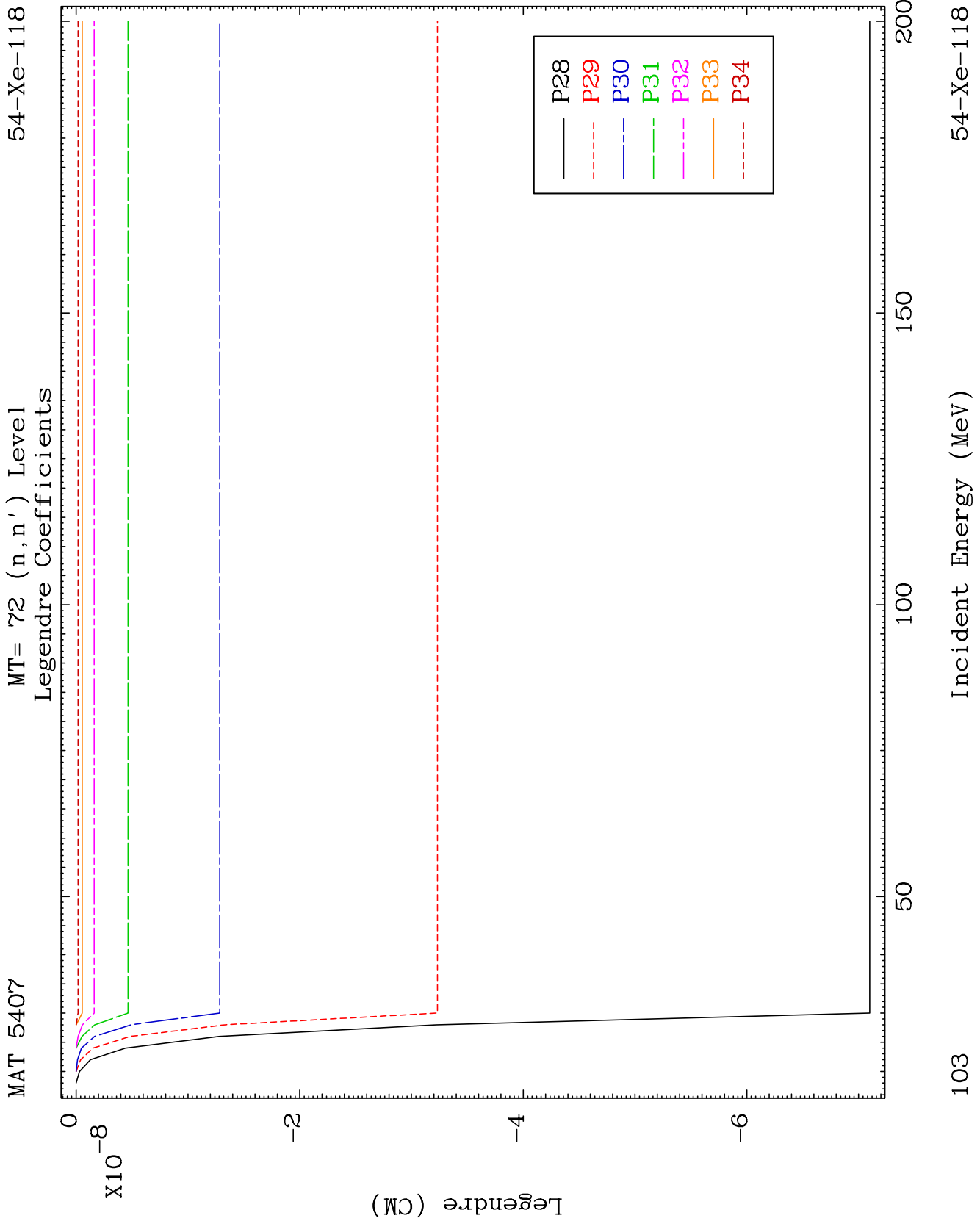
54-Xe-118

MAT 5407

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

54-Xe-118

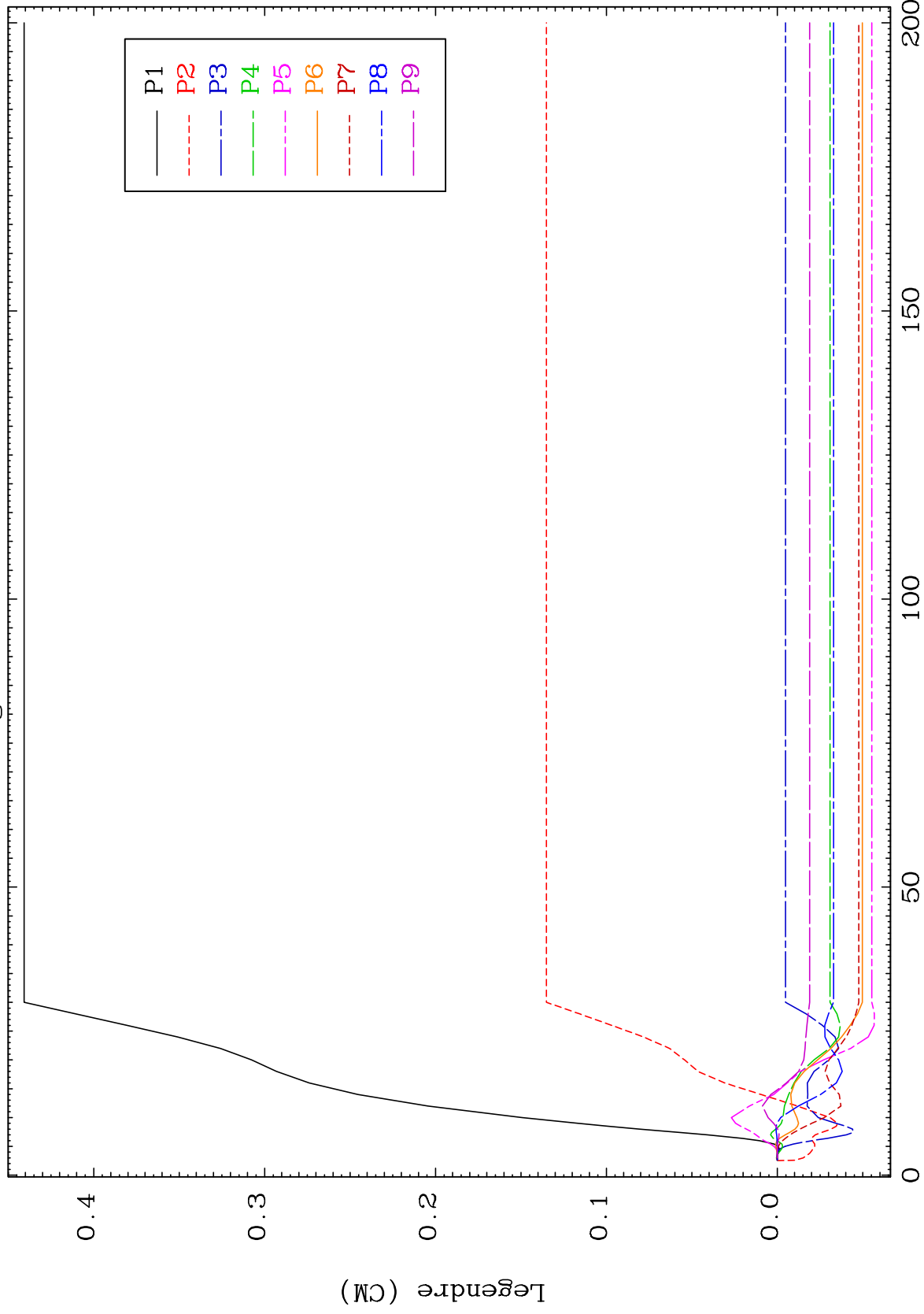




MAT 5407

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

54-Xe-118



104

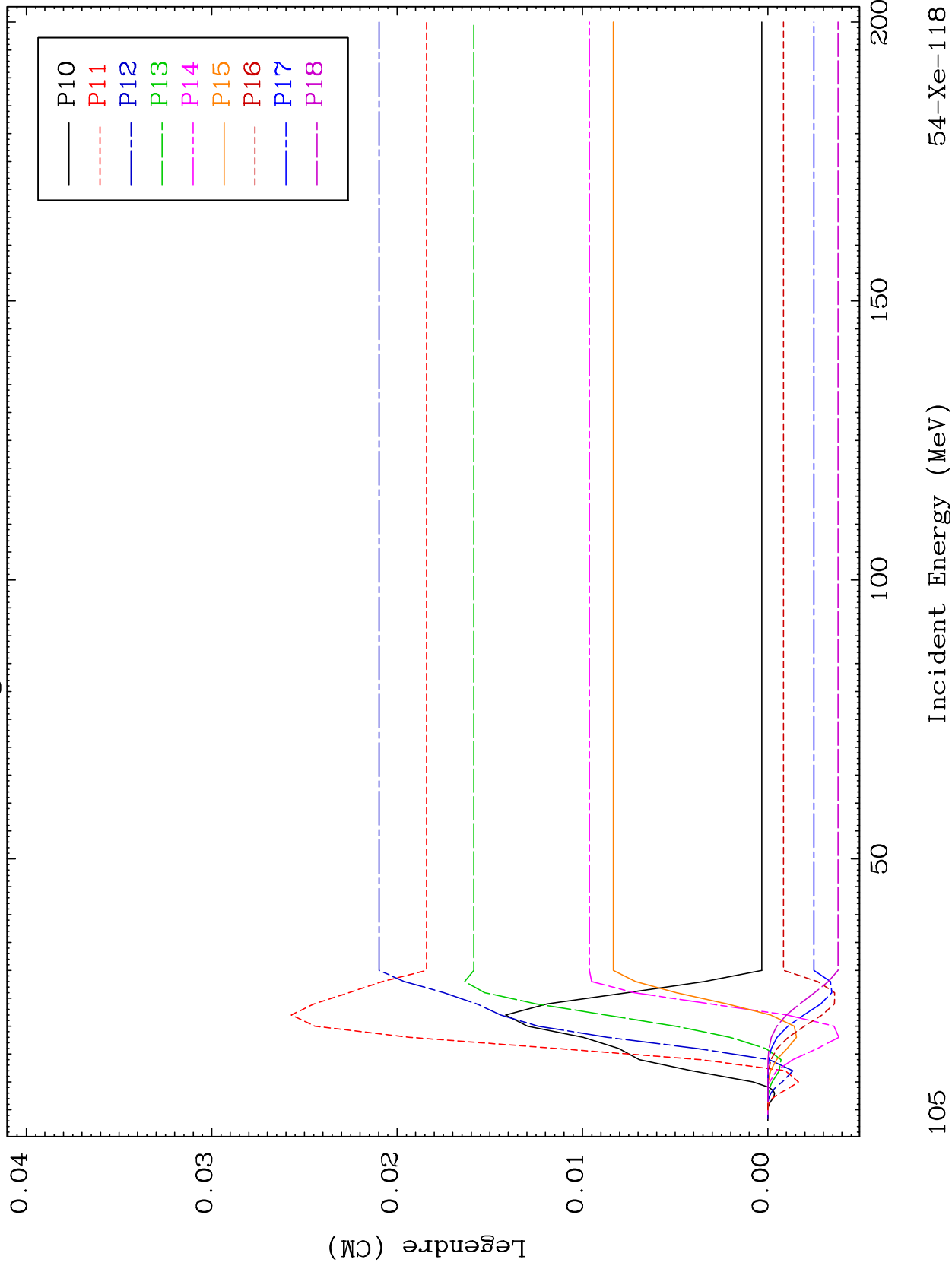
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



54-Xe-118

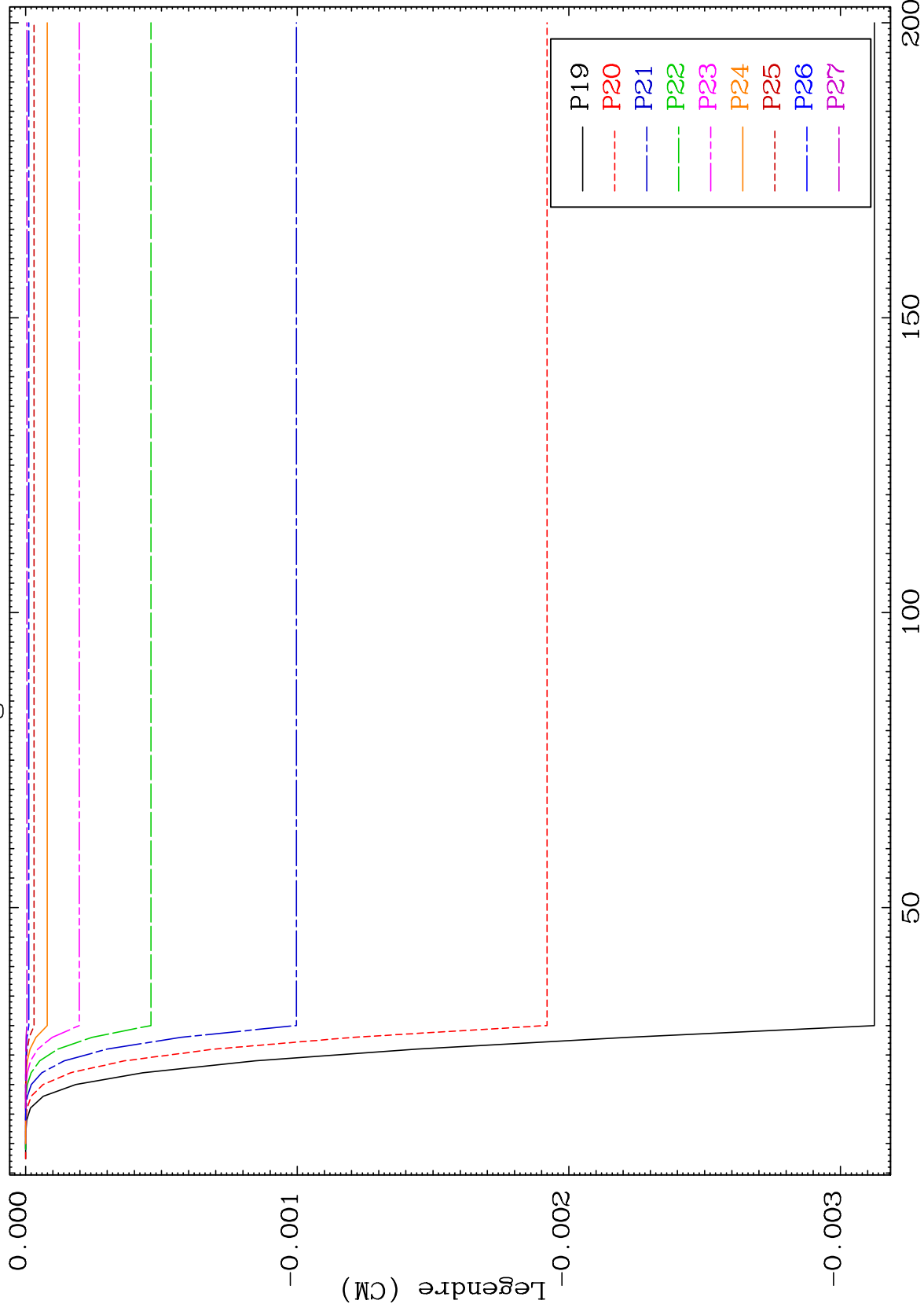
Incident Energy (MeV)

105

MAT 5407

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

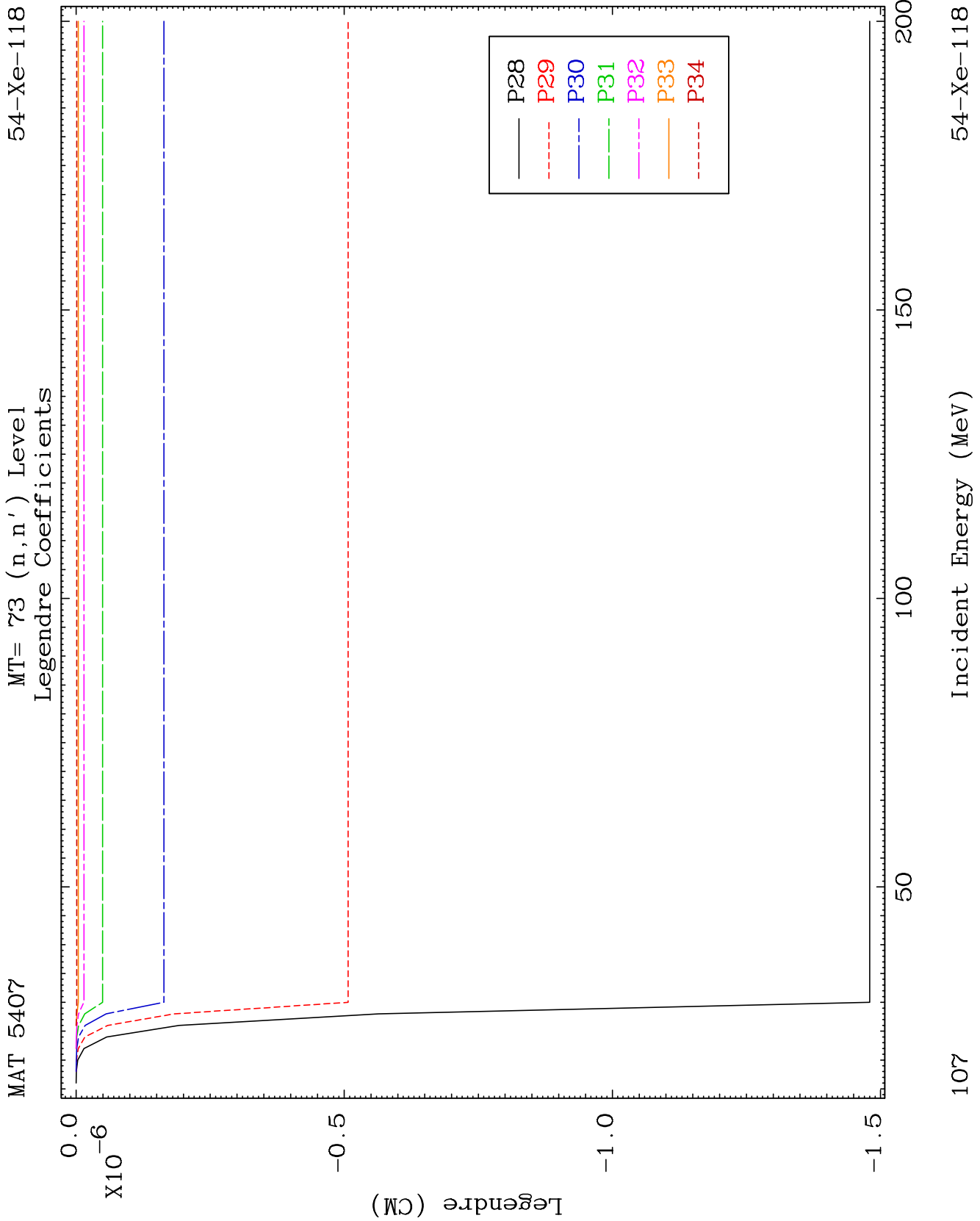
54-Xe-118



106

Incident Energy (MeV)

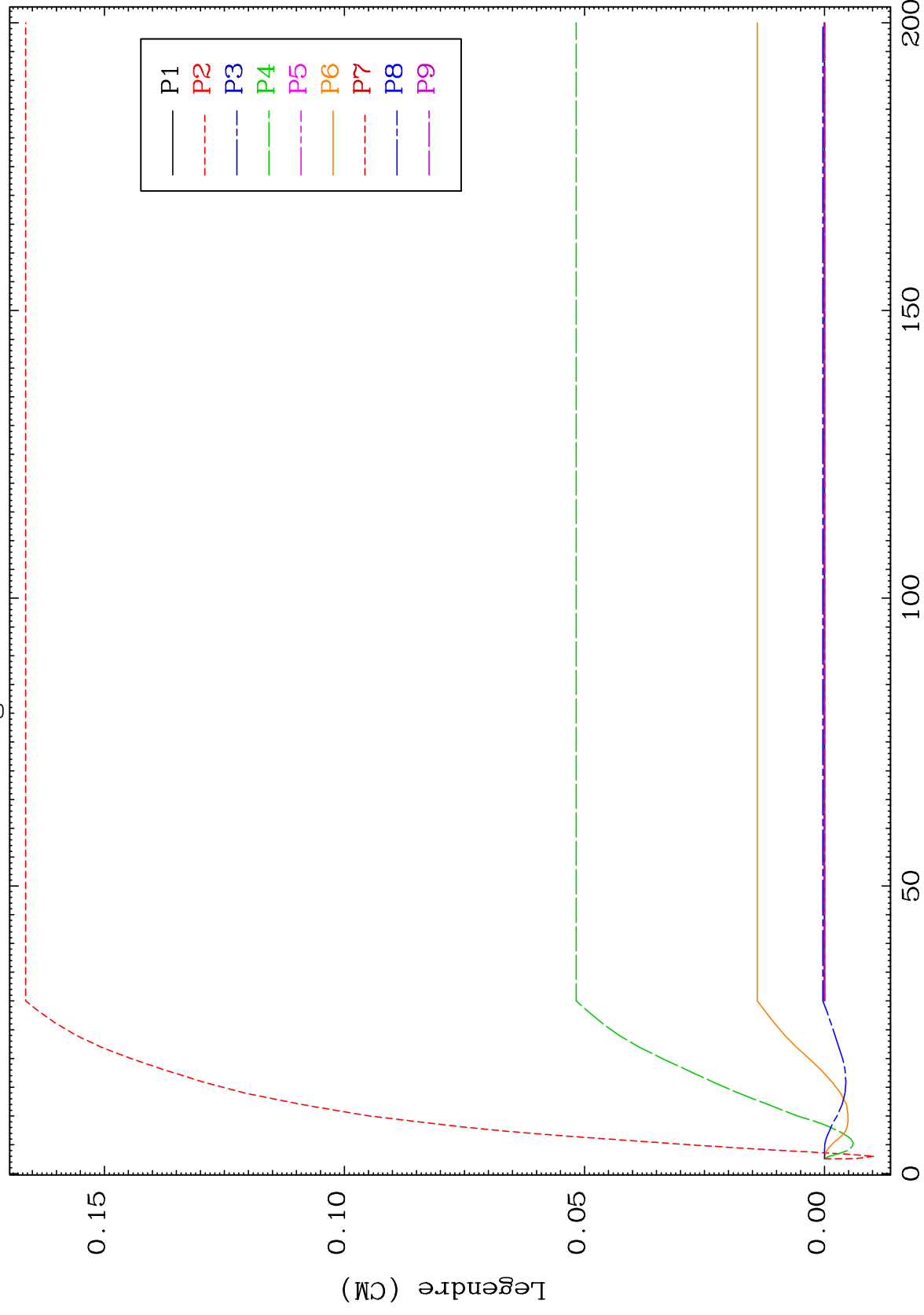
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

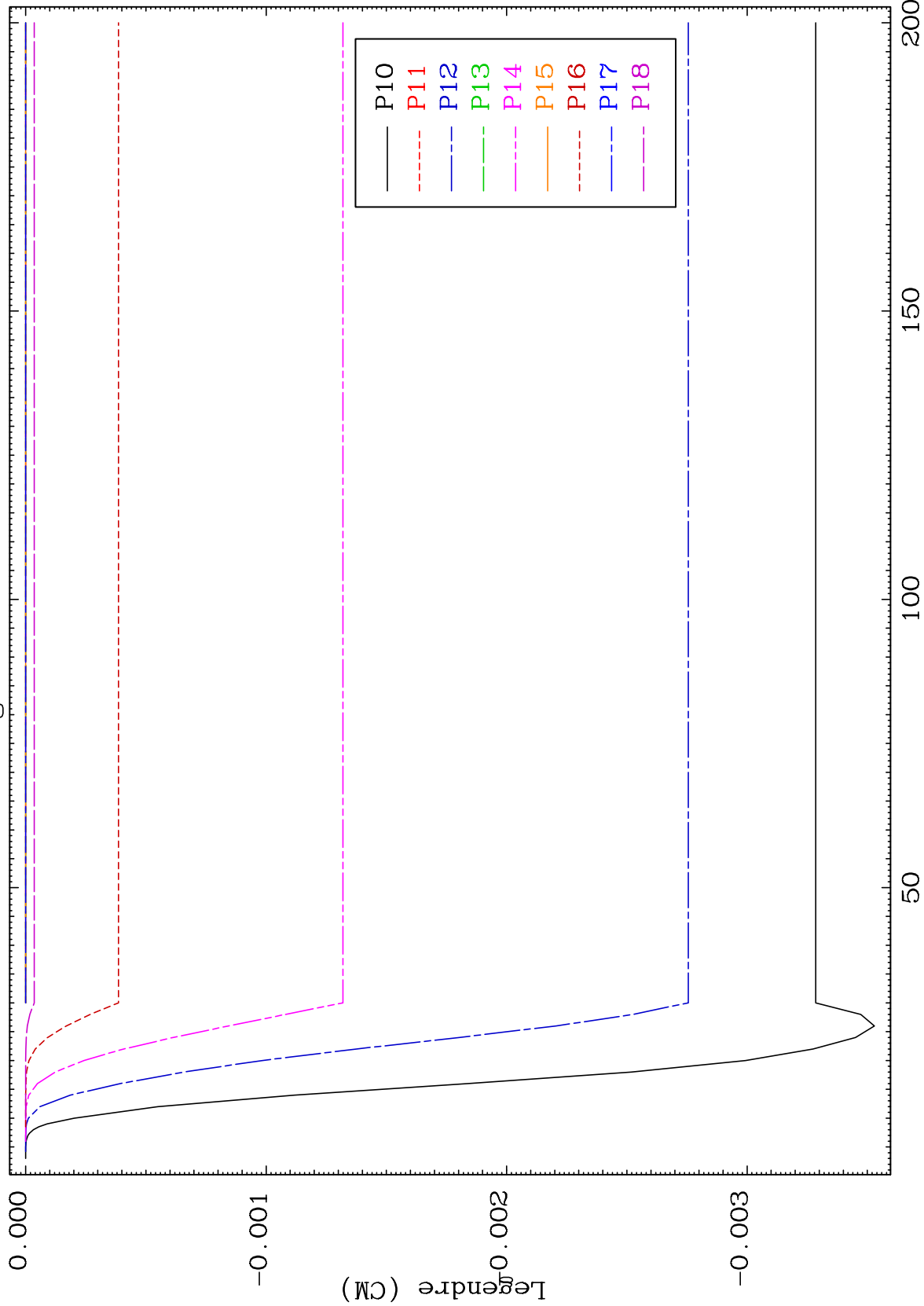
Incident Energy (MeV)

108

MAT 5407

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

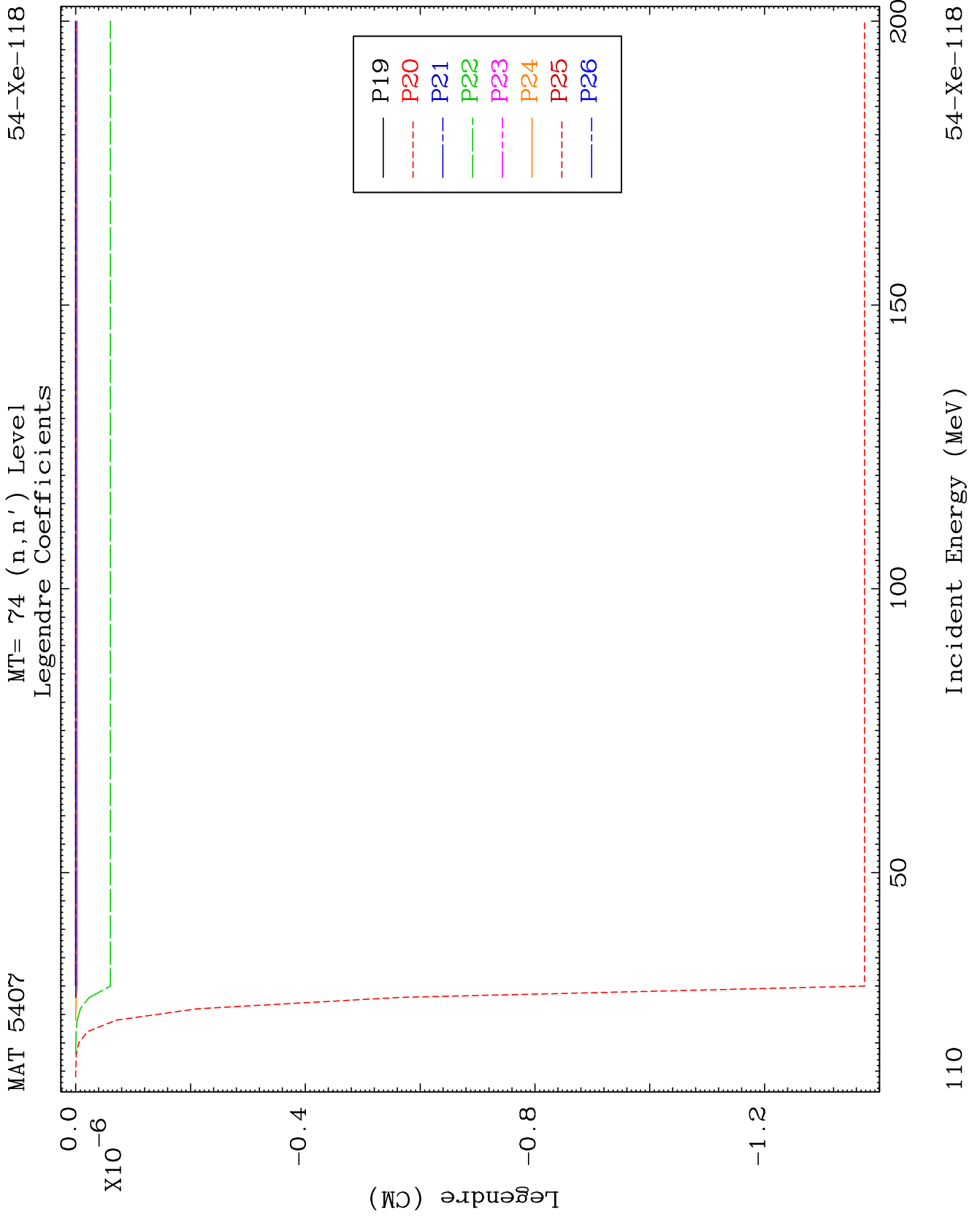
54-Xe-118



109

Incident Energy (MeV)

54-Xe-118

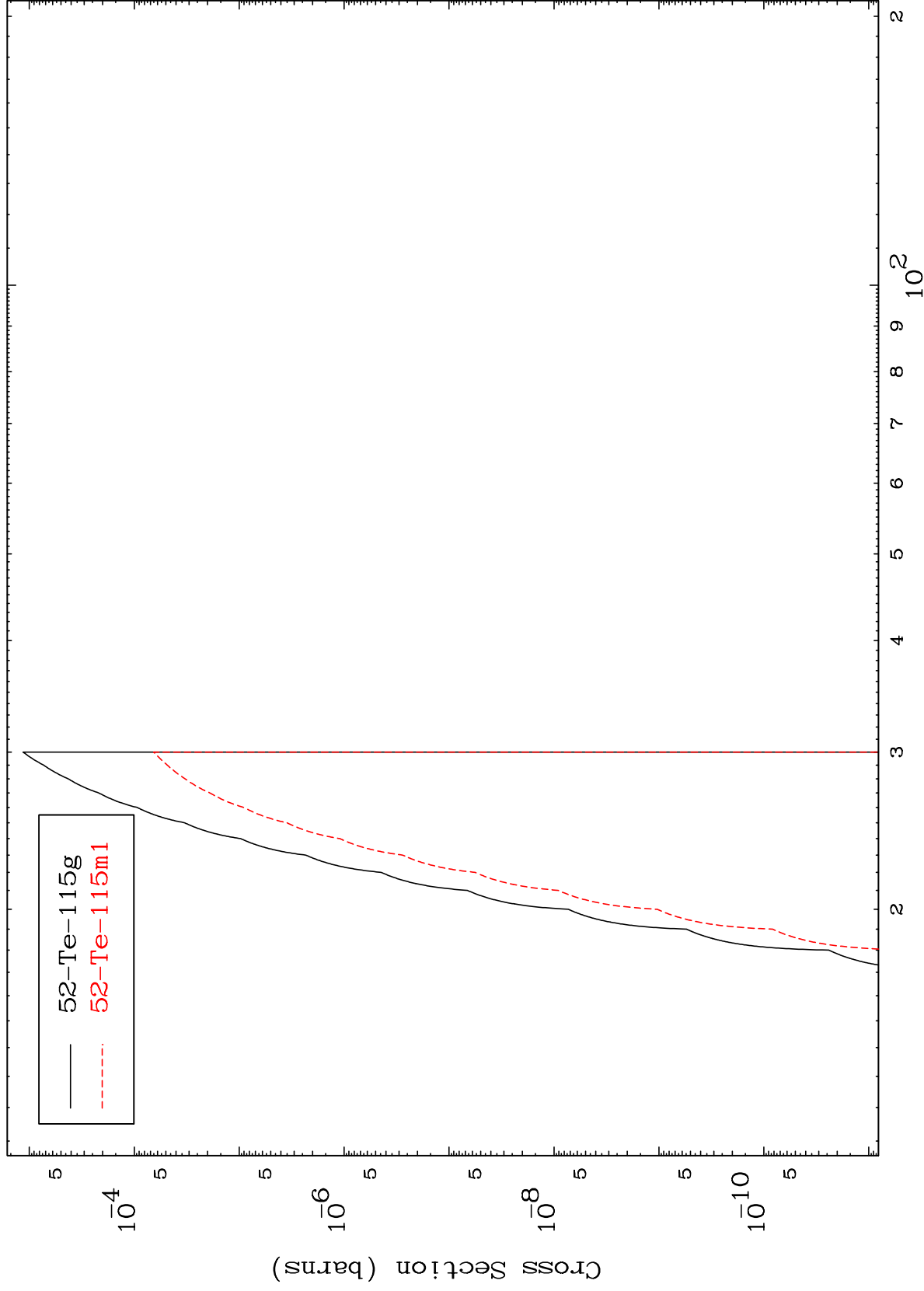


MAT 5407

(n,n') He-3

54-Xe-118

Radionuclide Production Cross Section

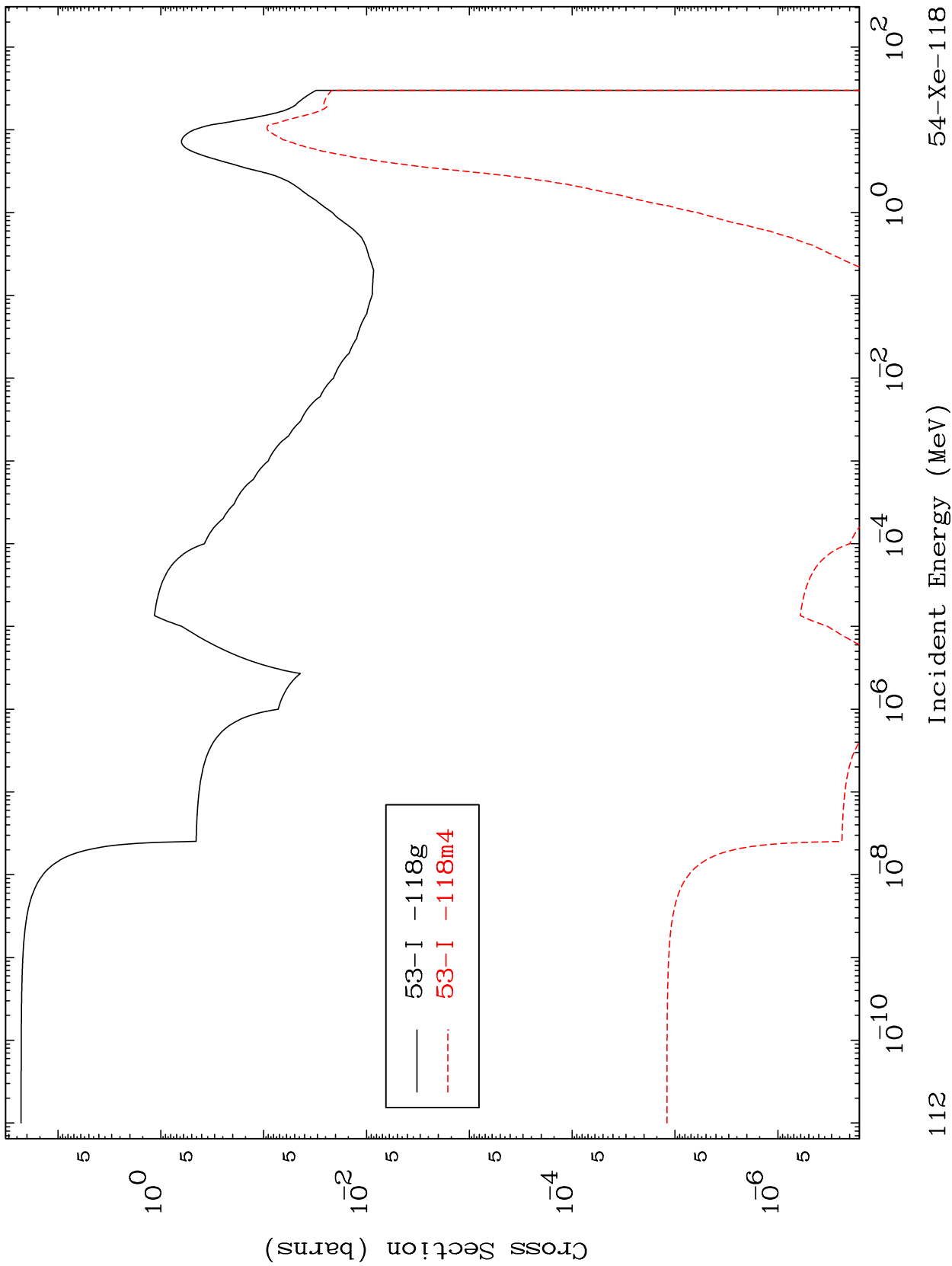


111

Incident Energy (MeV)

54-Xe-118

Radionuclide Production Cross Section (n,p)

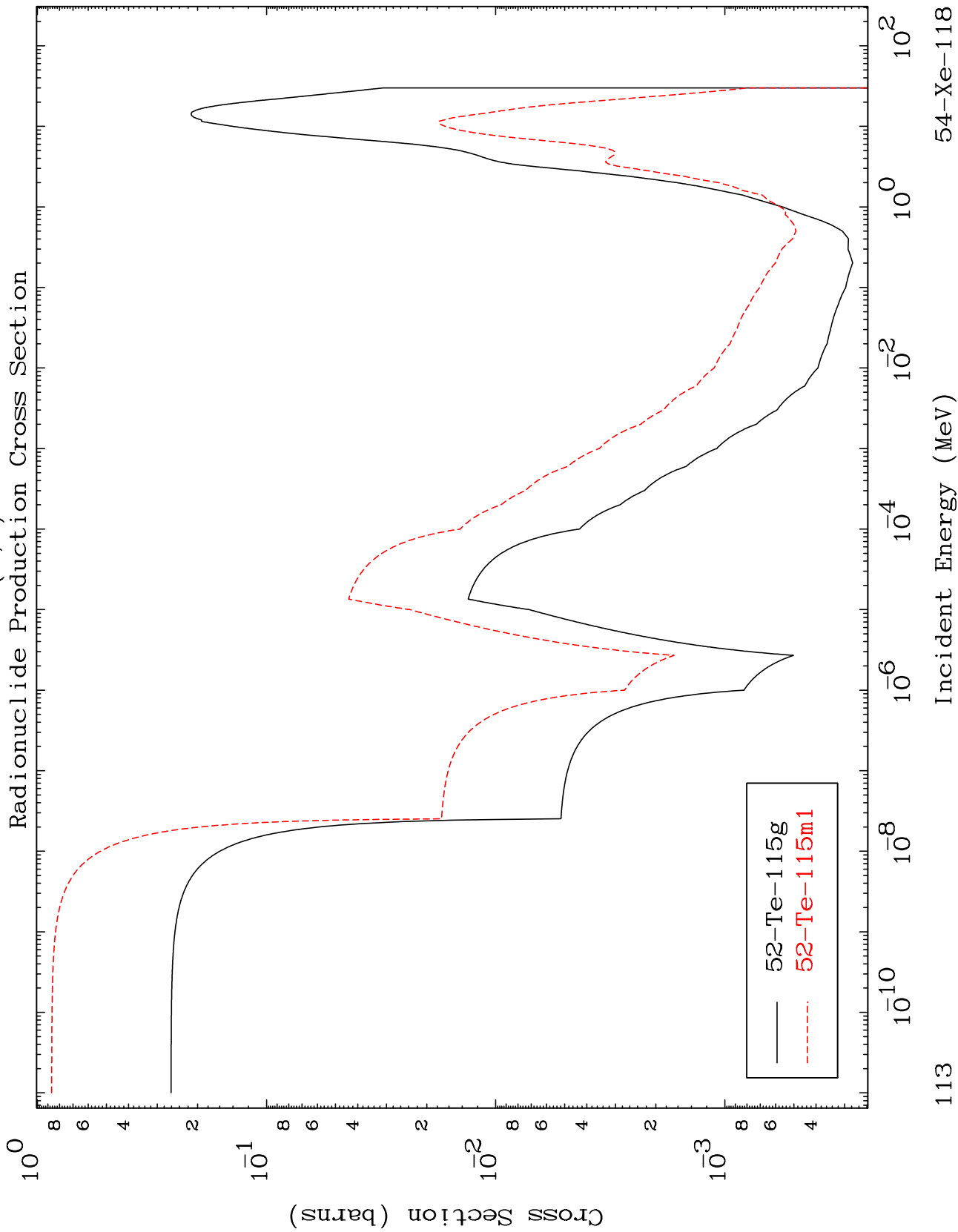


MAT 5407

54-Xe-118

Radionuclide Production Cross Section

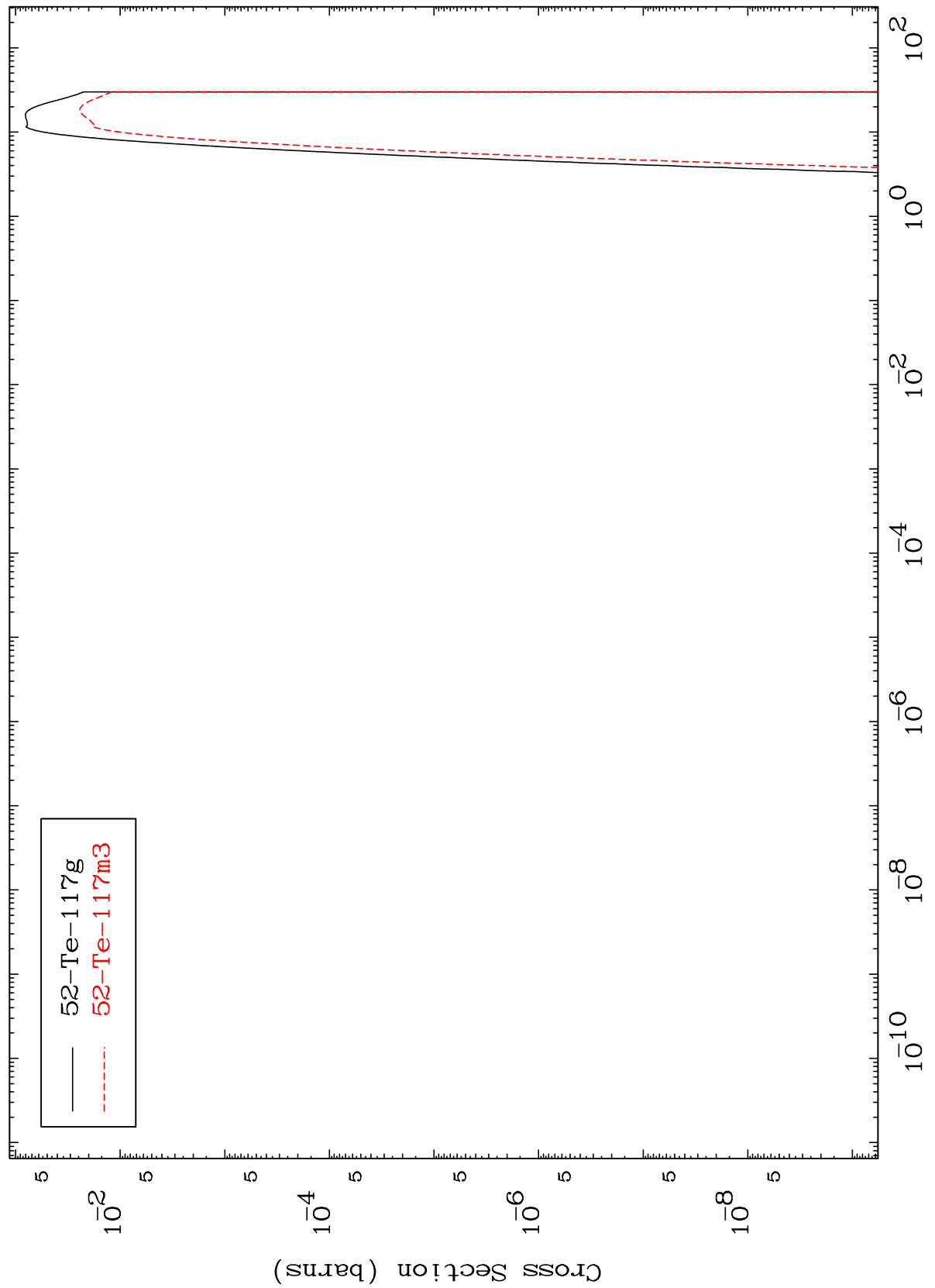
(n, α)



MAT 5407

54-Xe-118

(n,2p)
Radionuclide Production Cross Section



114

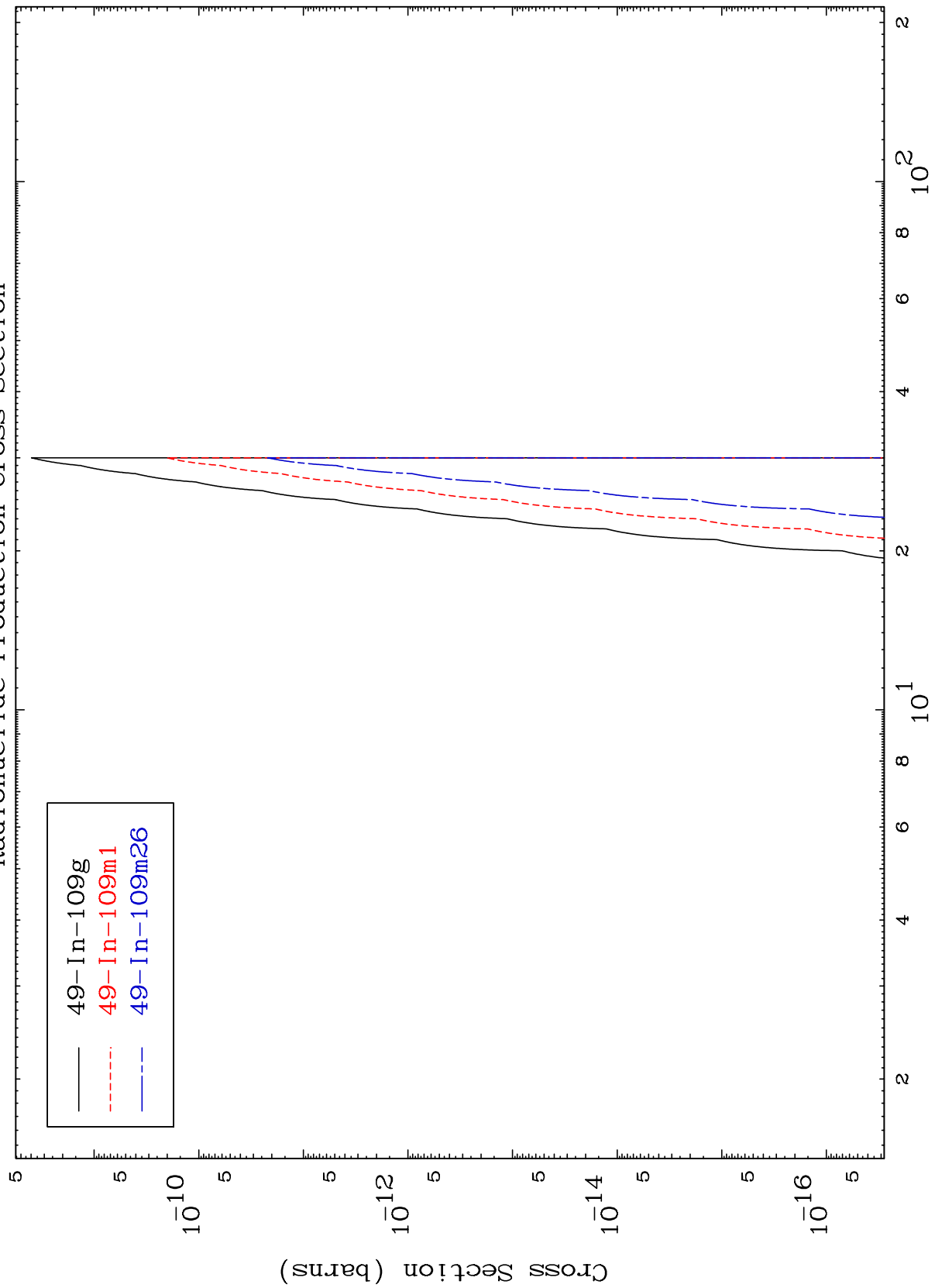
54-Xe-118

MAT 5407

(n,d) 2 α

54-Xe-118

Radionuclide Production Cross Section



115

Incident Energy (MeV)

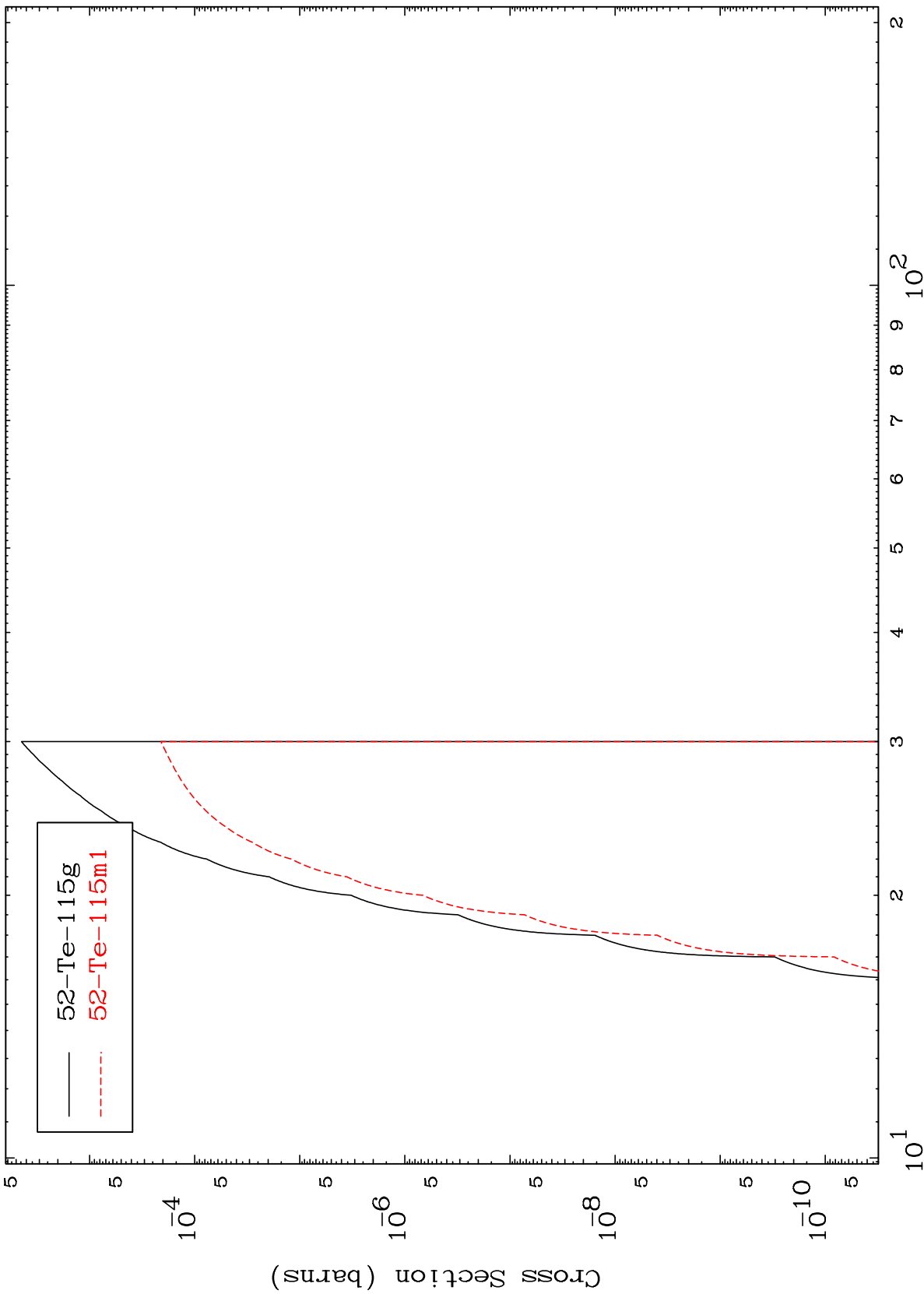
54-Xe-118

MAT 5407

(n,p) t

54-Xe-118

Radionuclide Production Cross Section



116

Incident Energy (MeV)

54-Xe-118