

Program EVALPLOT  
(Version 2021-1)

by

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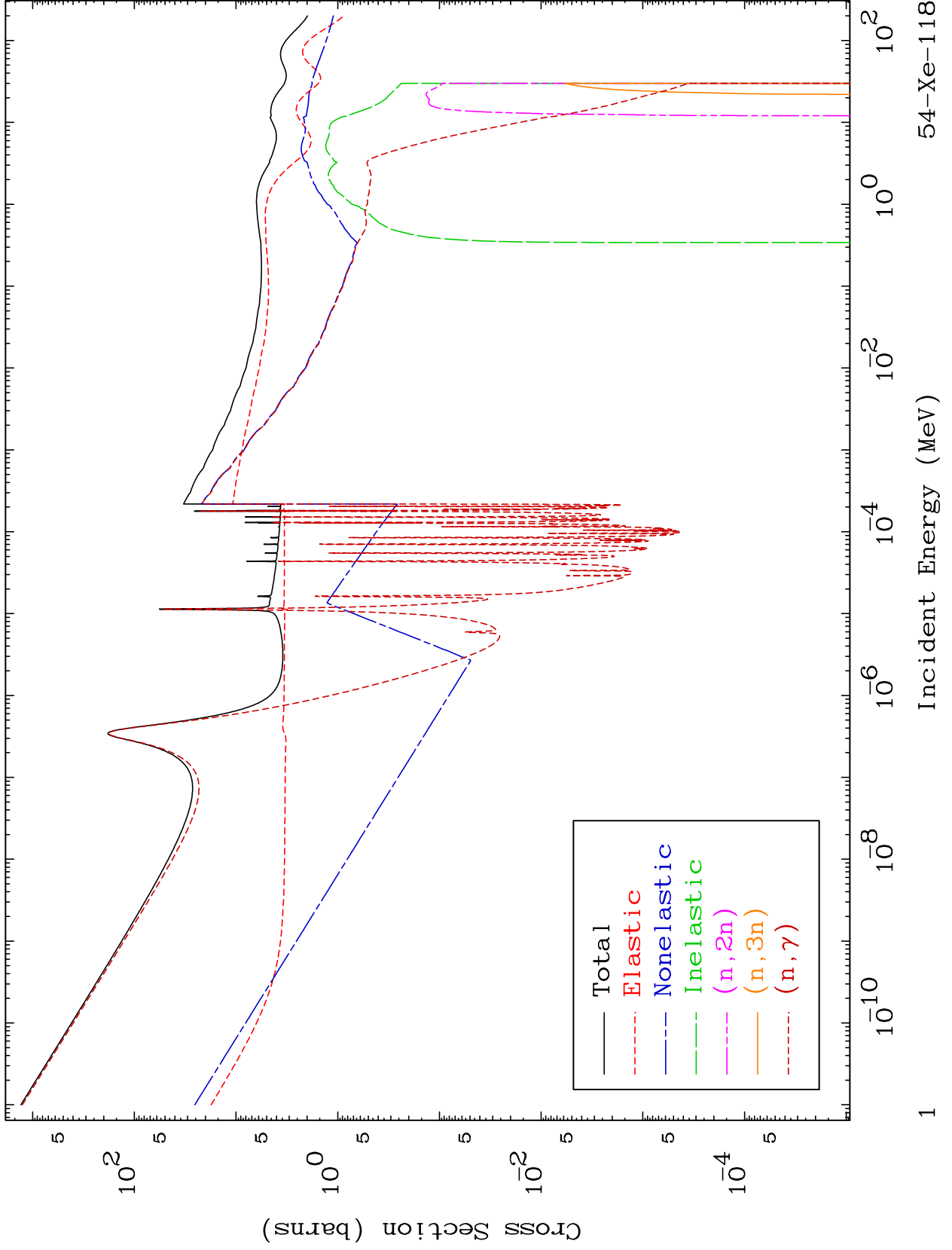
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5407

Neutron Major  
293 Kelvin Cross Sections

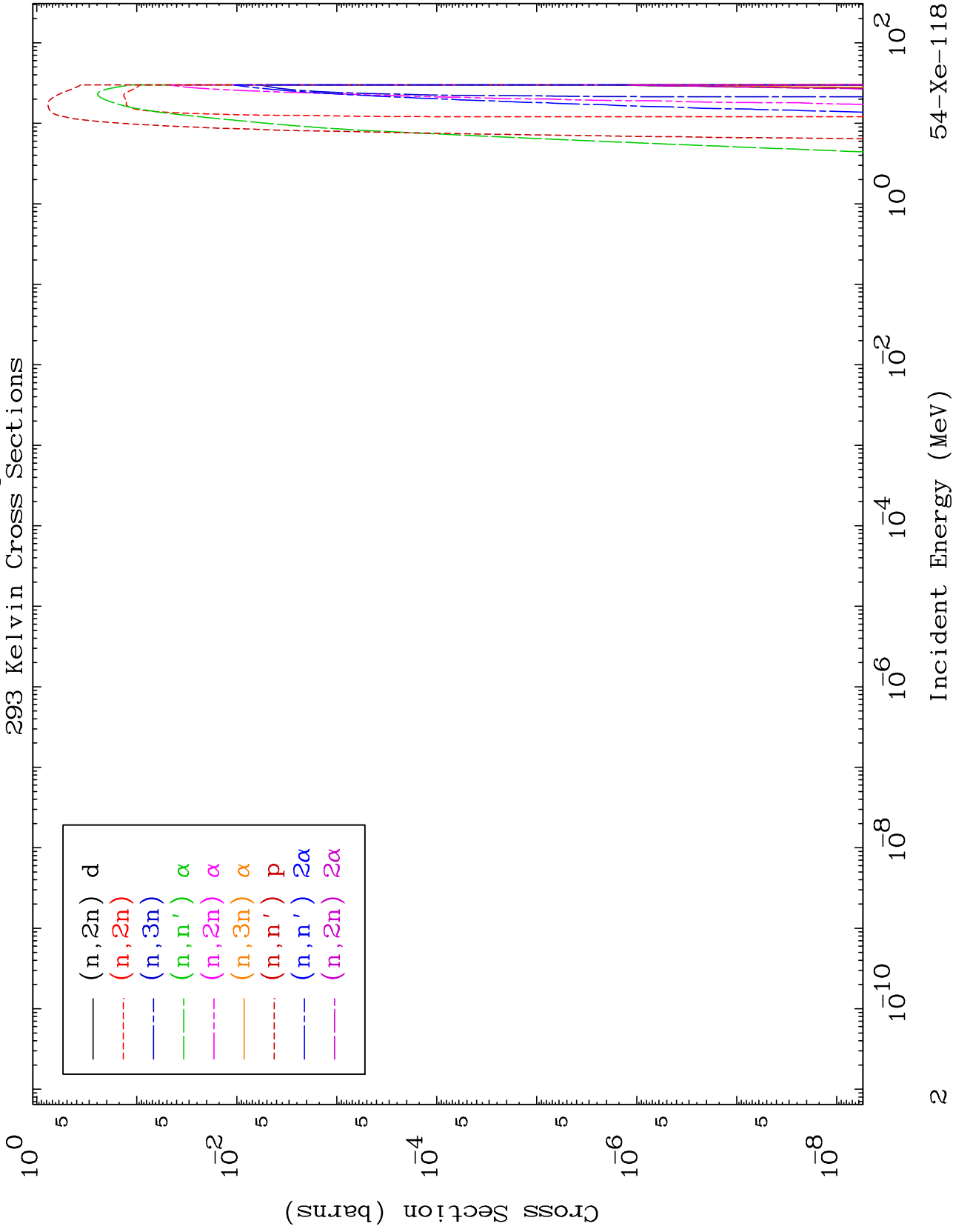
54-Xe-118



MAT 5407

Neutron Absorption  
293 Kelvin Cross Sections

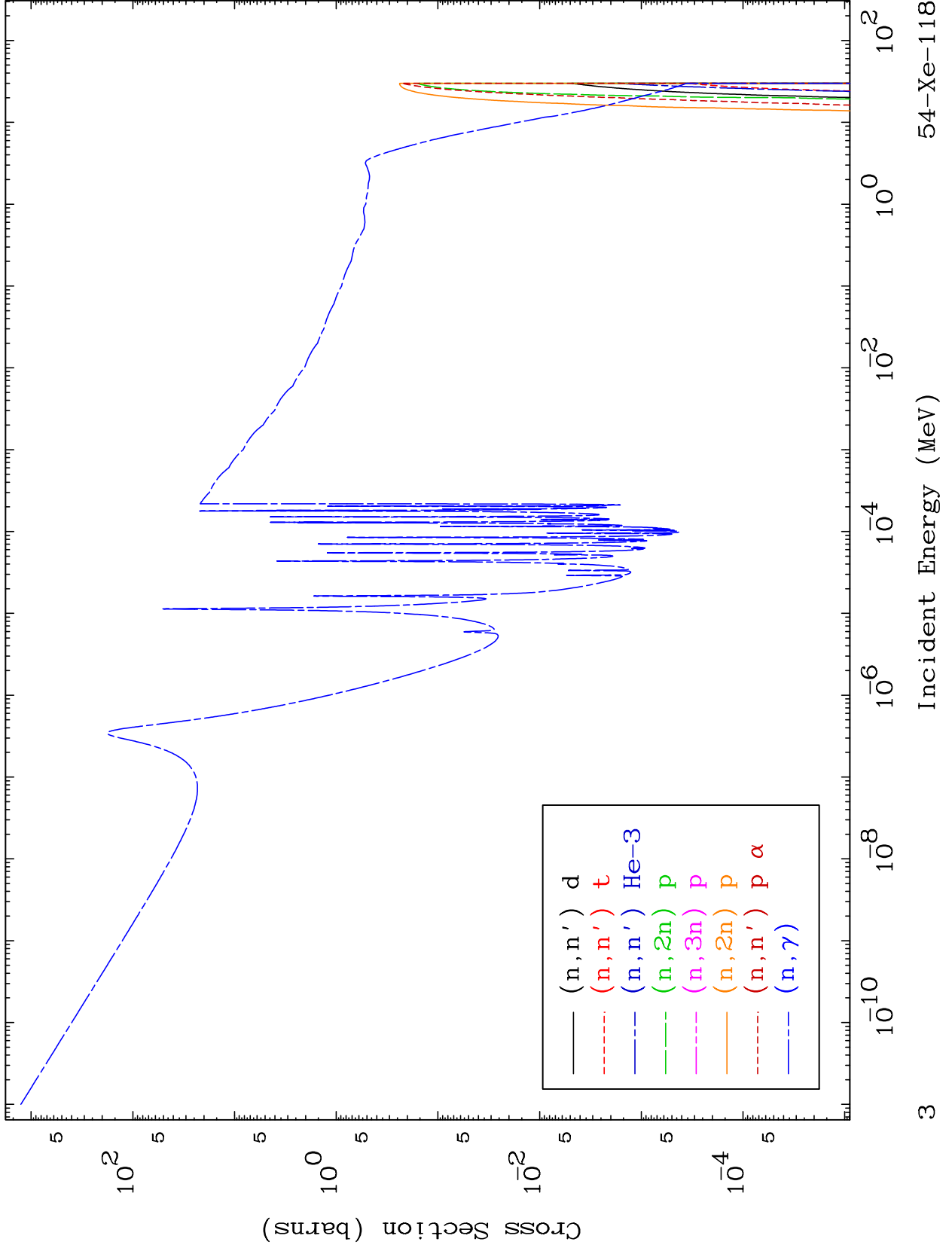
54-Xe-118



MAT 5407

Neutron Absorption  
293 Kelvin Cross Sections

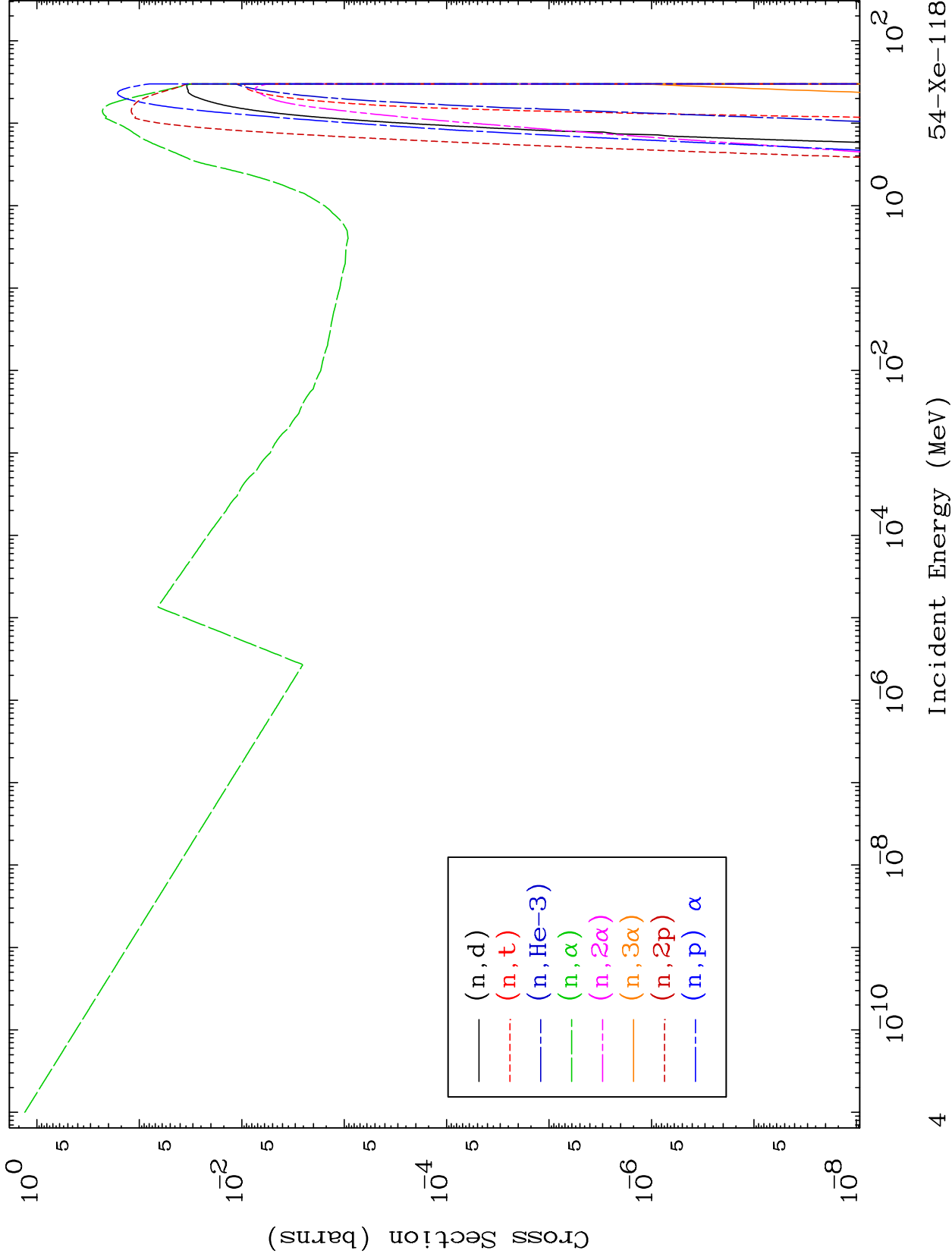
54-Xe-118

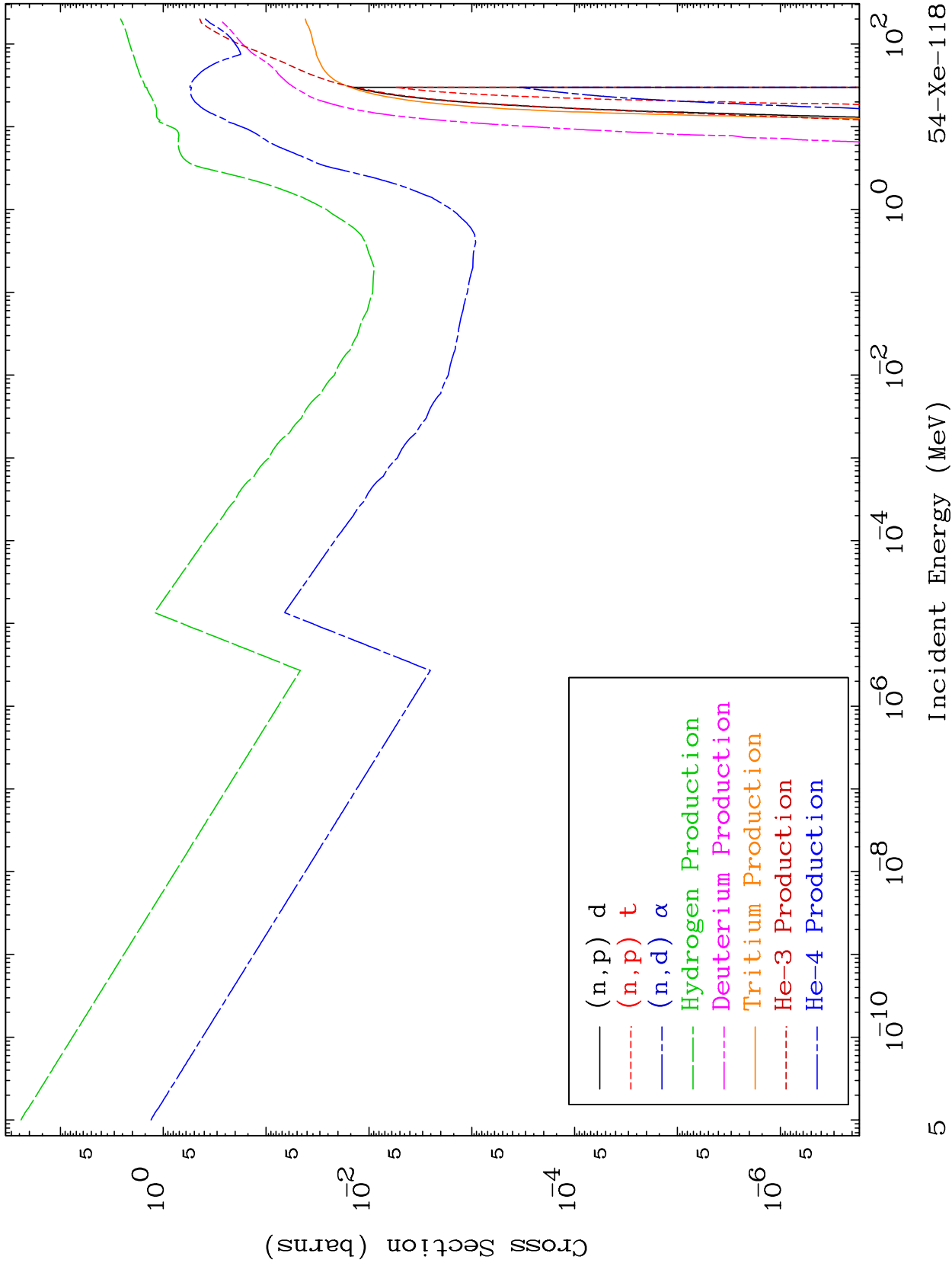


MAT 5407

Neutron Absorption  
293 Kelvin Cross Sections

54-Xe-118

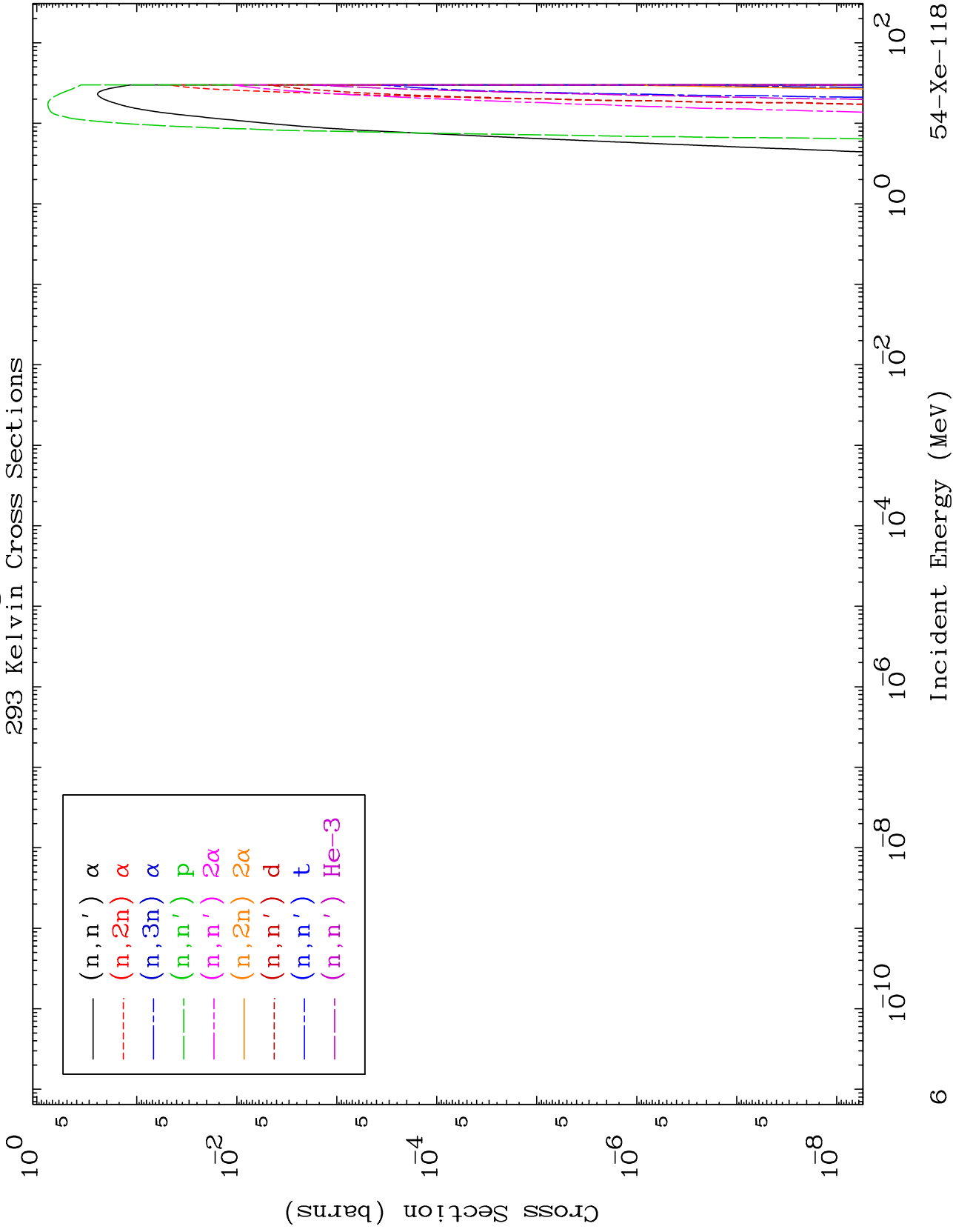




MAT 5407

Charged Particle  
293 Kelvin Cross Sections

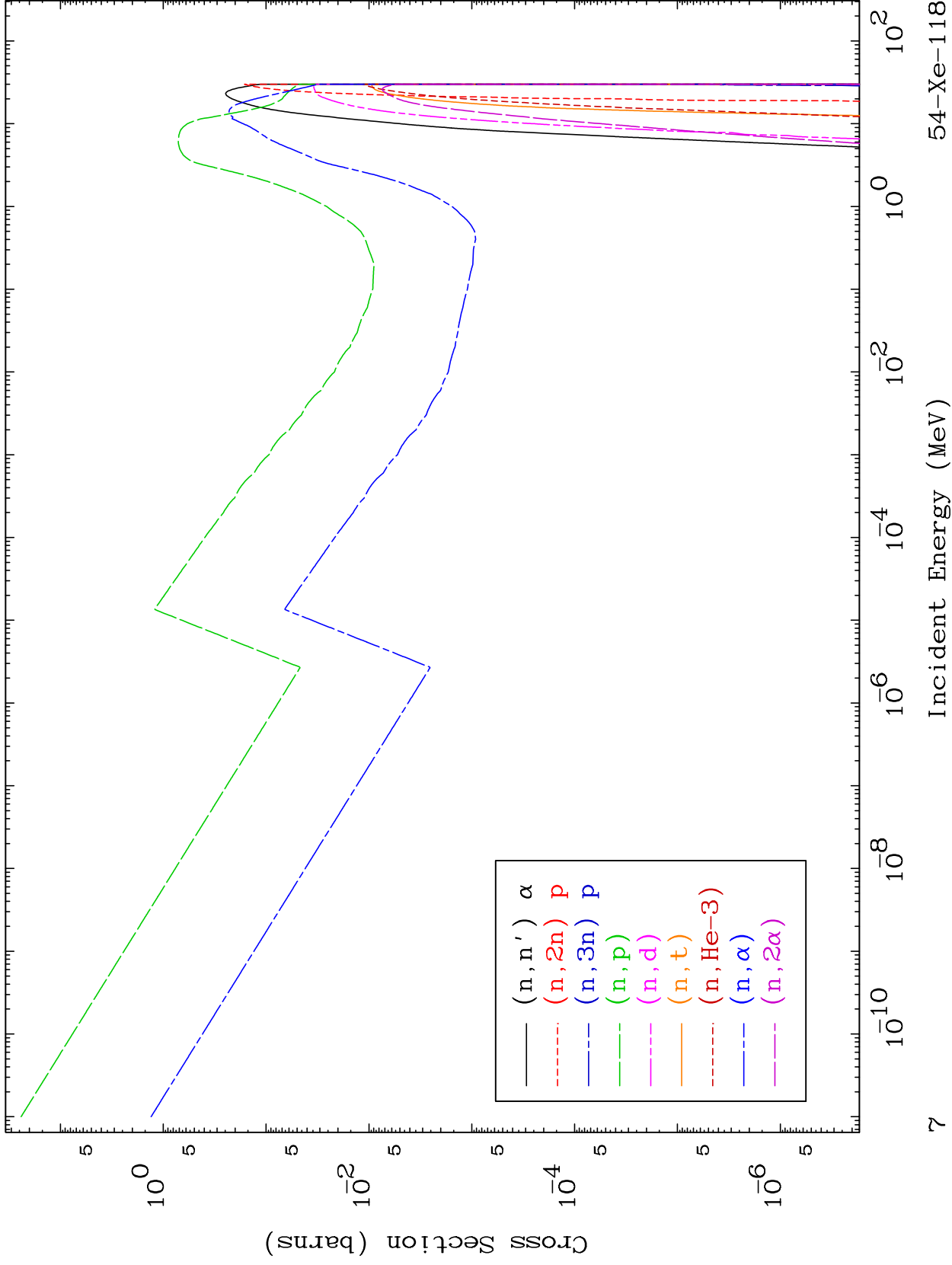
54-Xe-118



MAT 5407

Charged Particle  
293 Kelvin Cross Sections

54-Xe-118

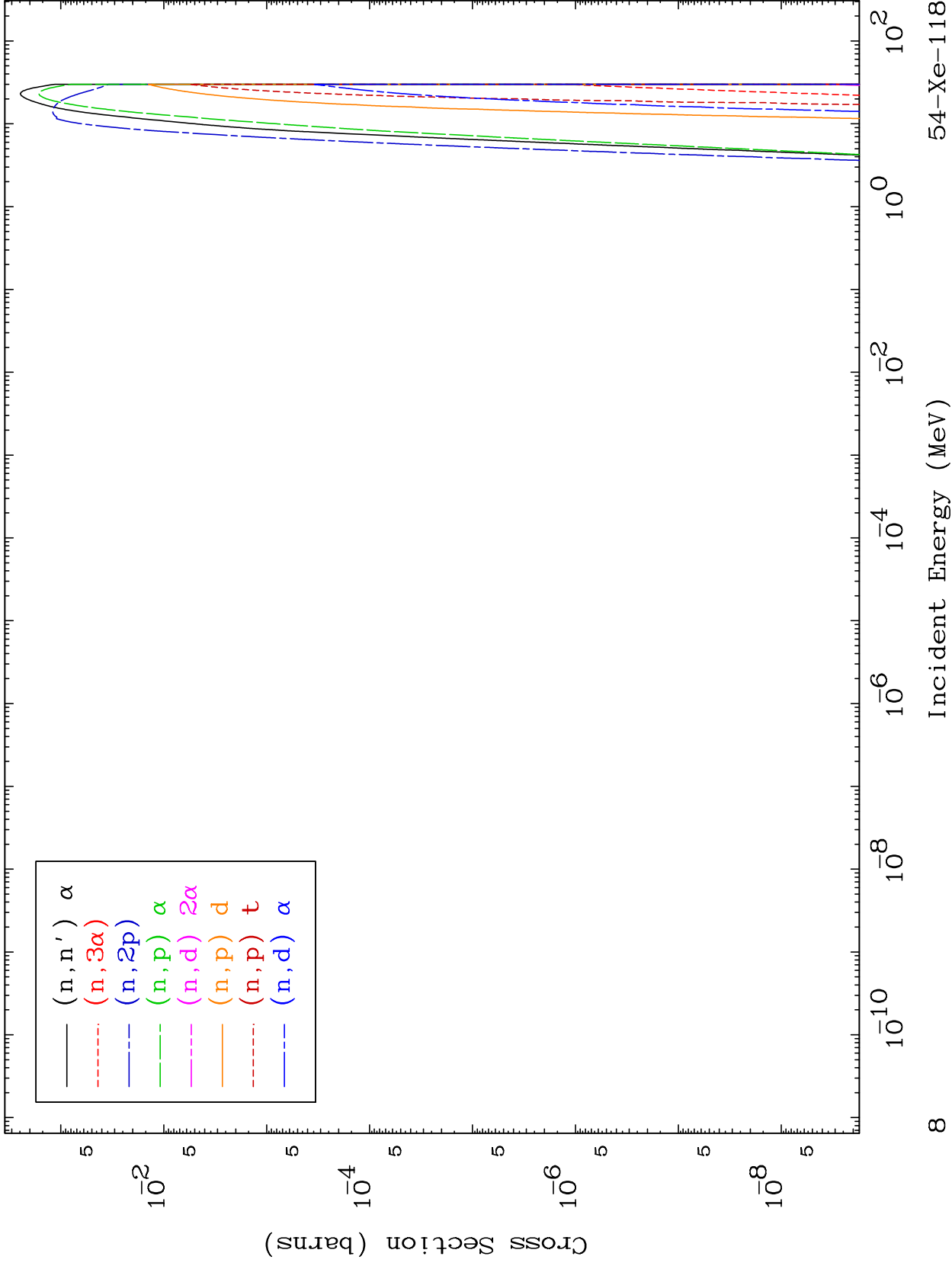


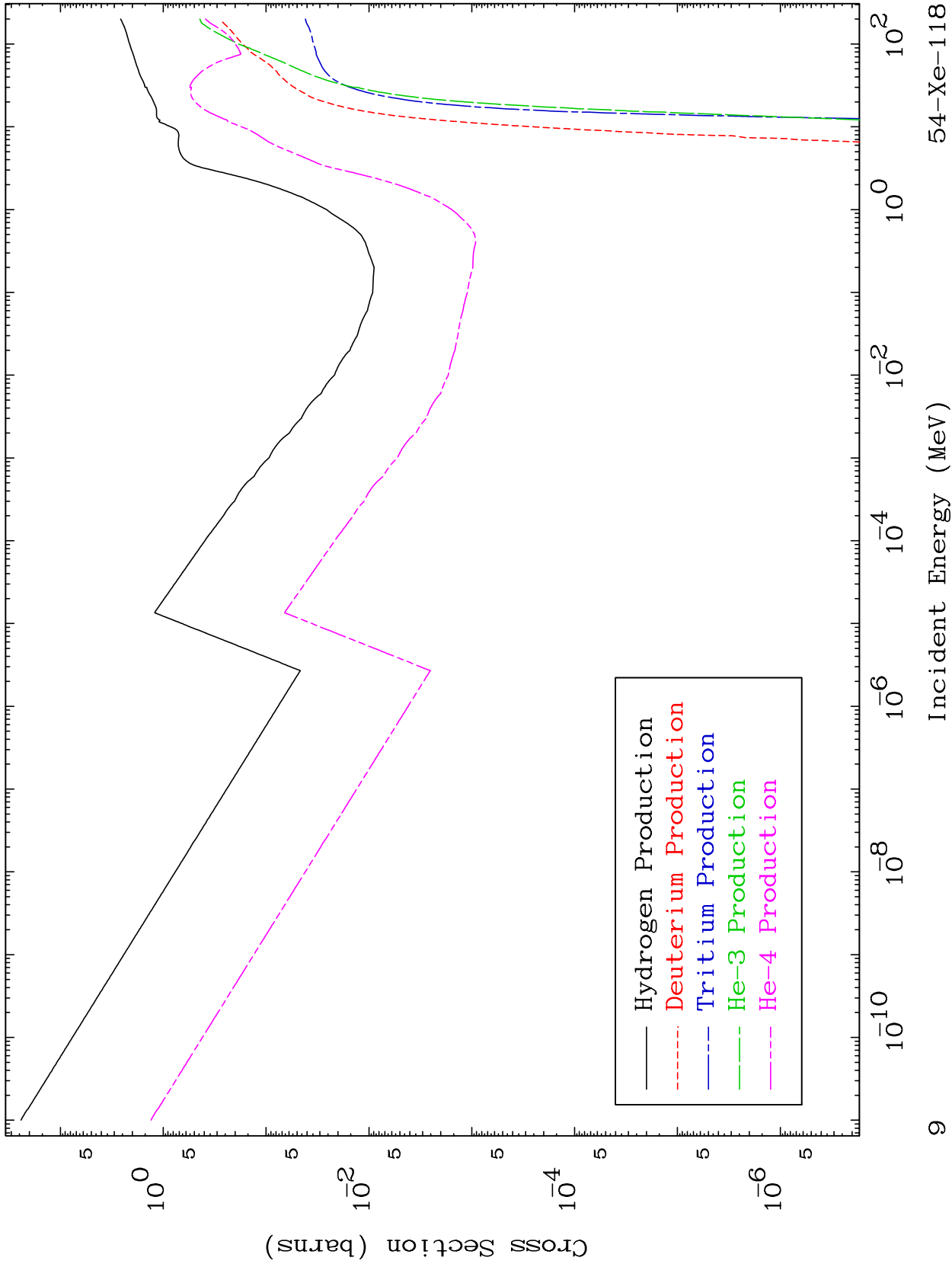


MAT 5407

Charged Particle  
293 Kelvin Cross Sections

54-Xe-118



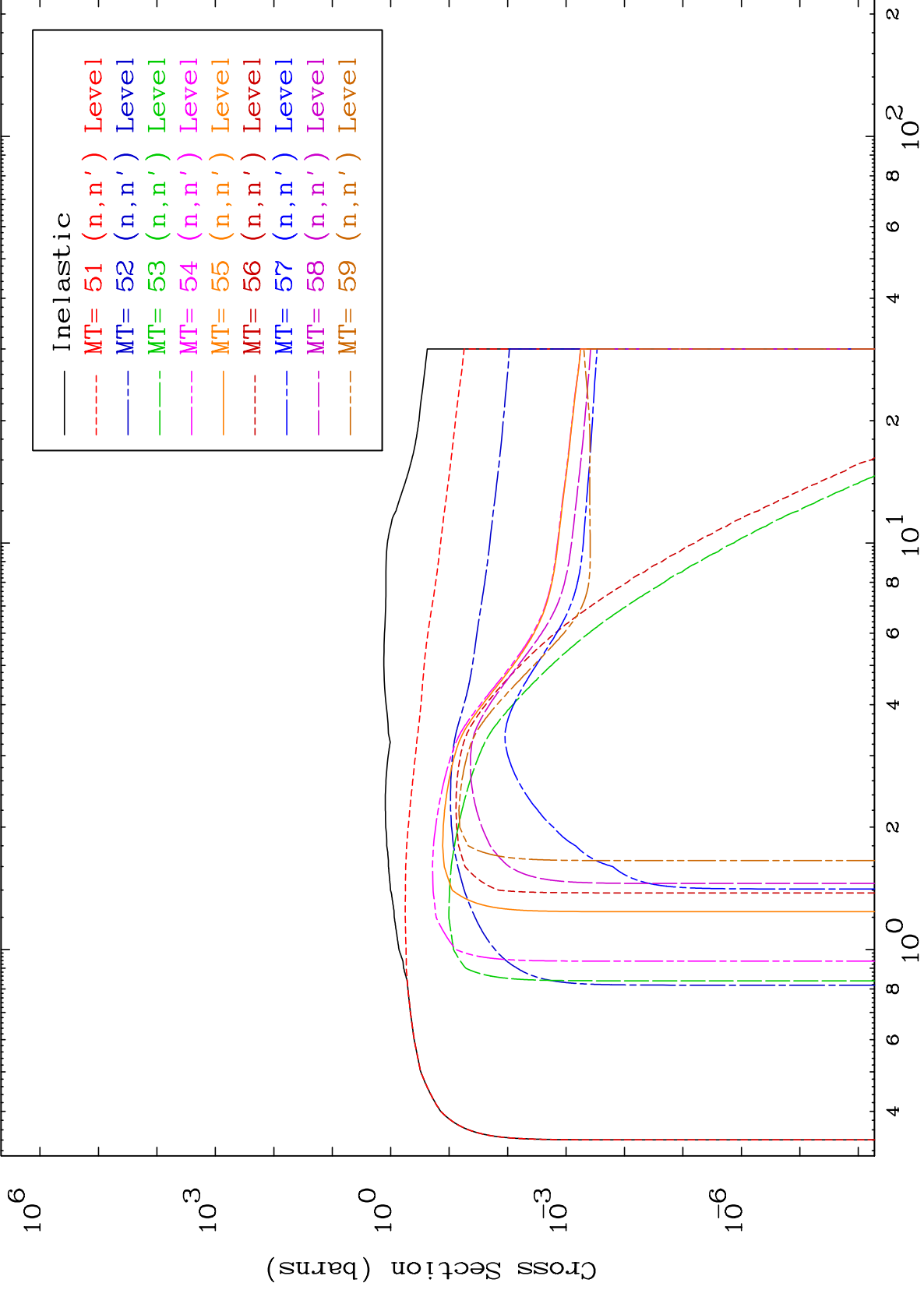


MAT 5407

(n,n') Levels

54-Xe-118

293 Kelvin Cross Sections



10

Incident Energy (MeV)

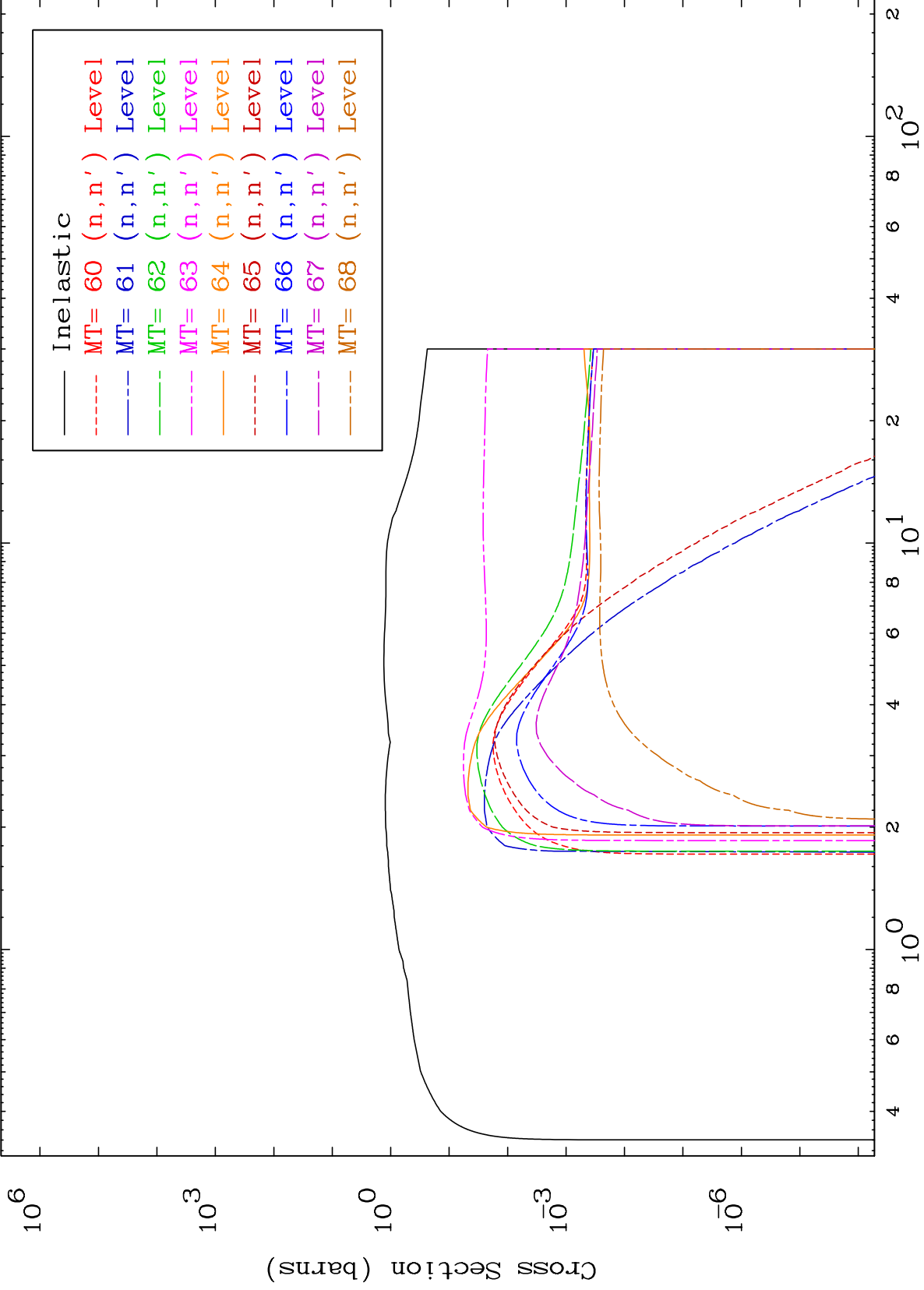
54-Xe-118

MAT 5407

(n,n') Levels

54-Xe-118

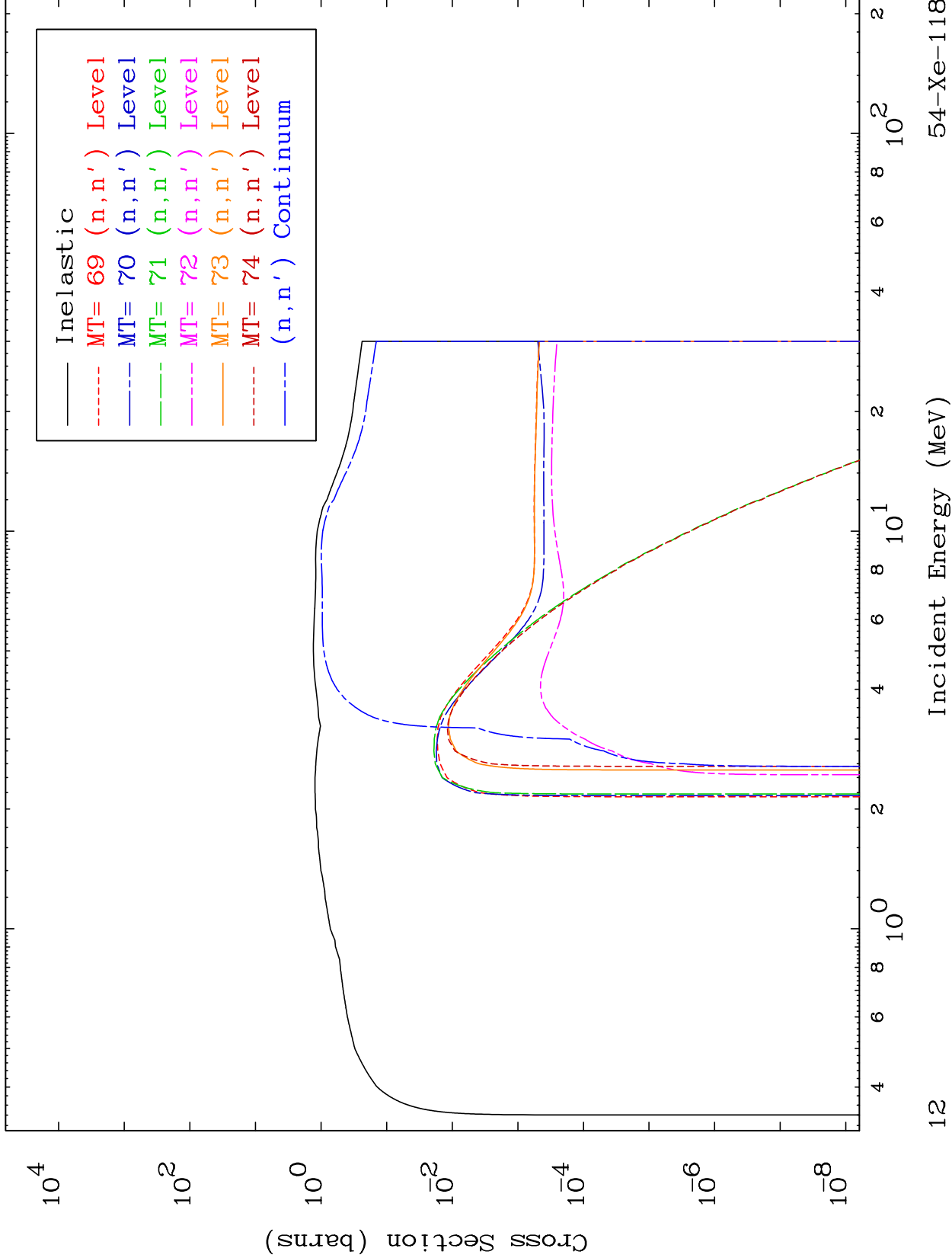
293 Kelvin Cross Sections



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Incident Energy (MeV)

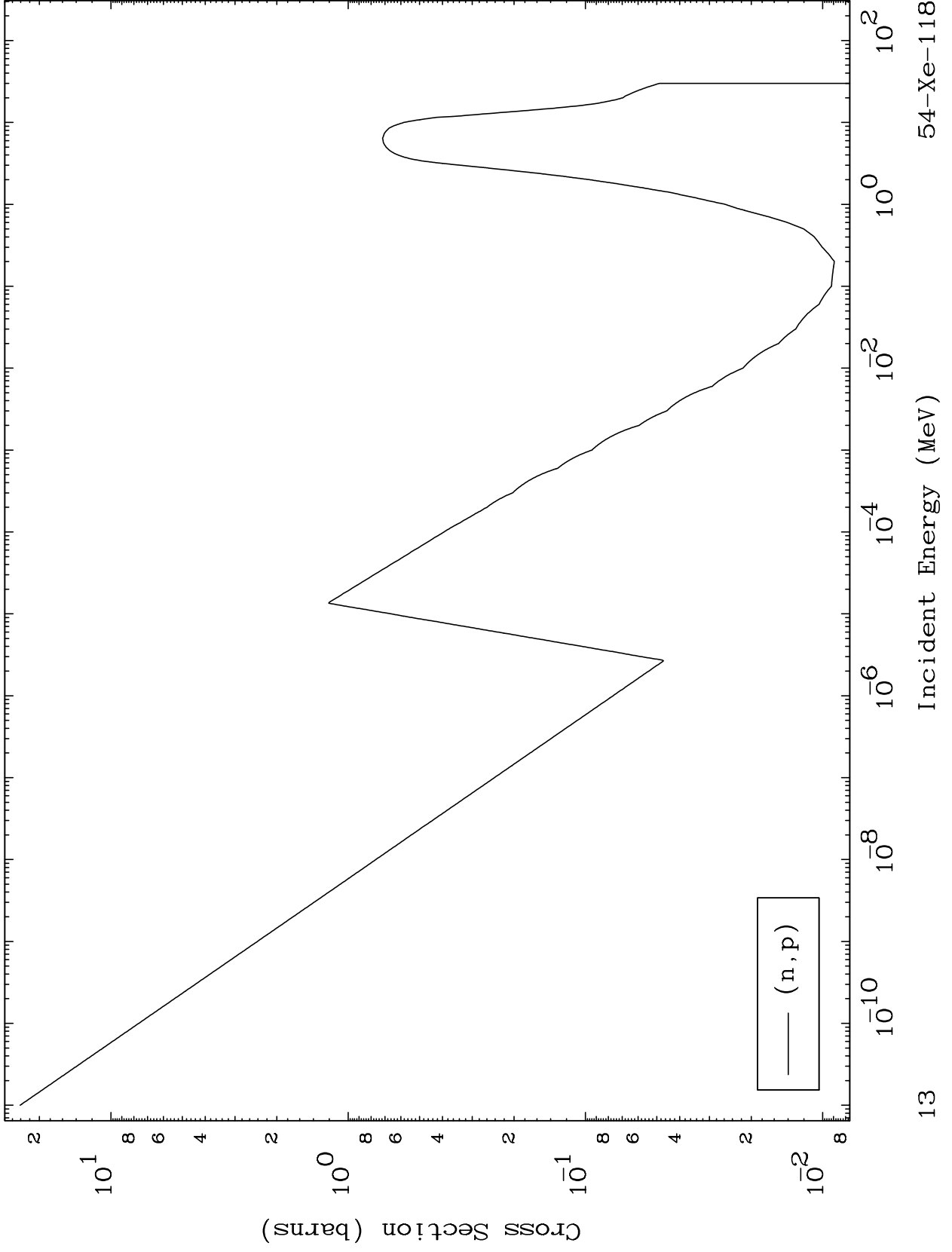
54-Xe-118



MAT 5407

(n,p) Levels  
293 Kelvin Cross Sections

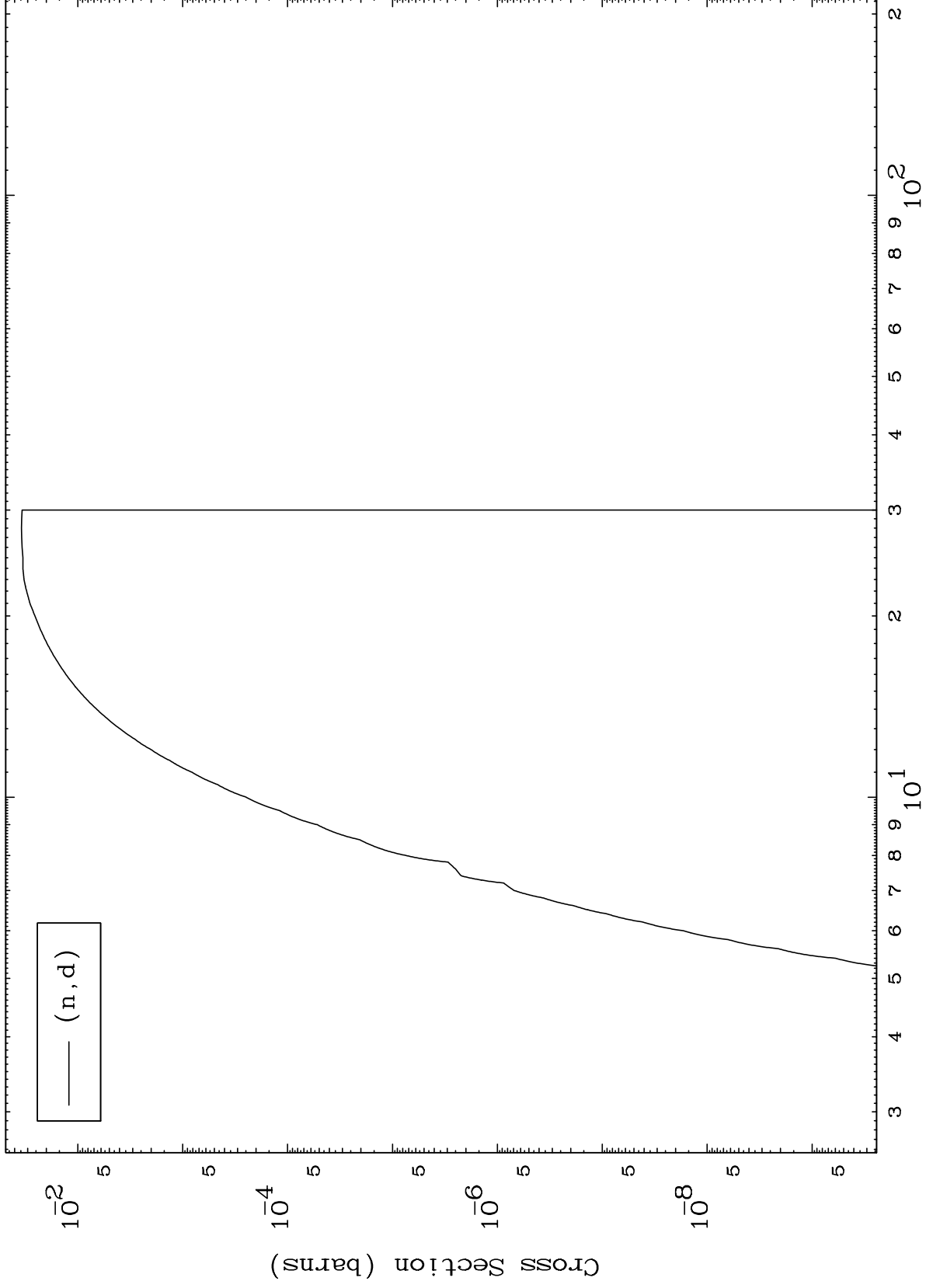
54-Xe-118



MAT 5407

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-118



14

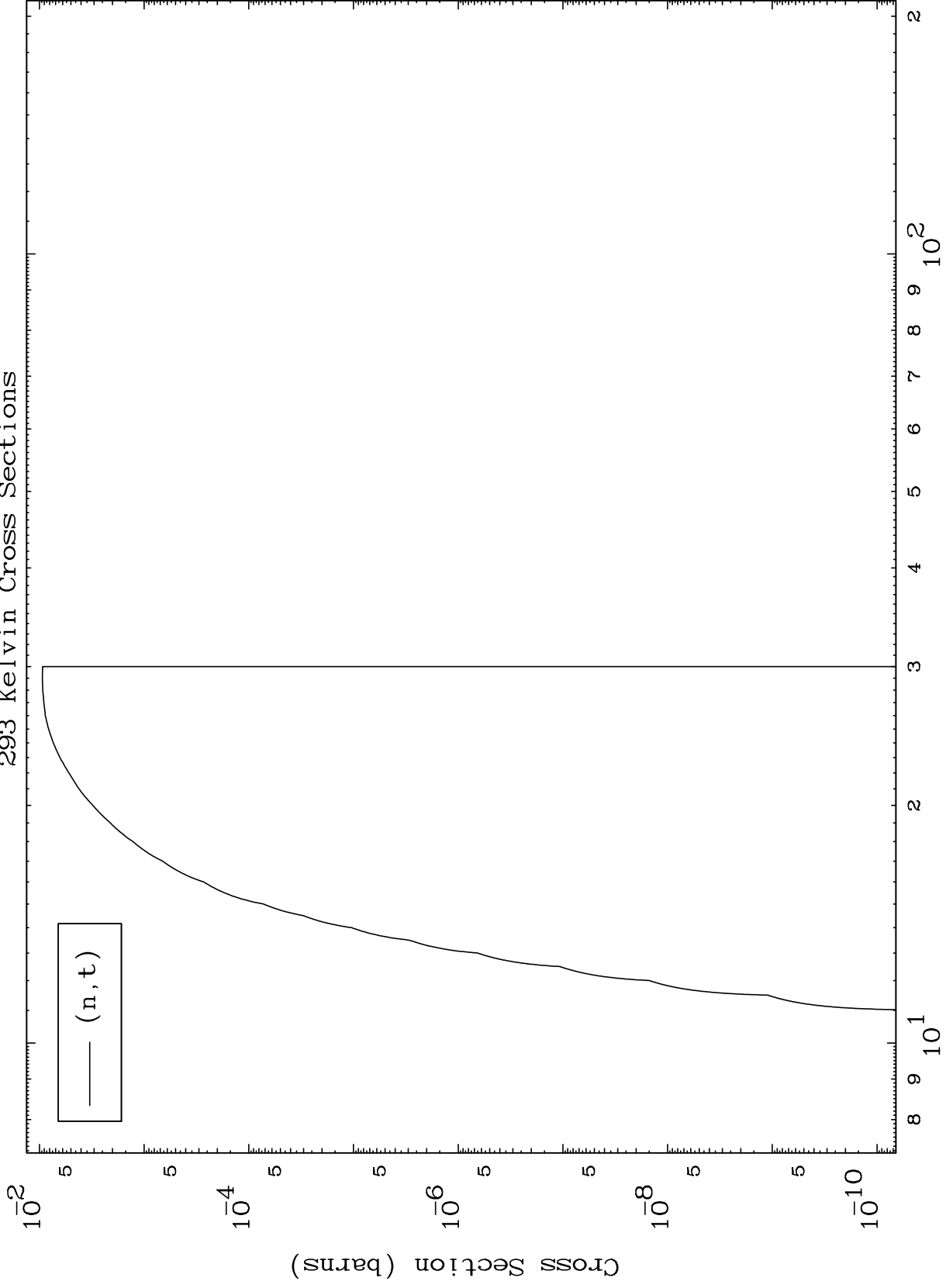
Incident Energy (MeV)

54-Xe-118

MAT 5407

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-118



15

Incident Energy (MeV)

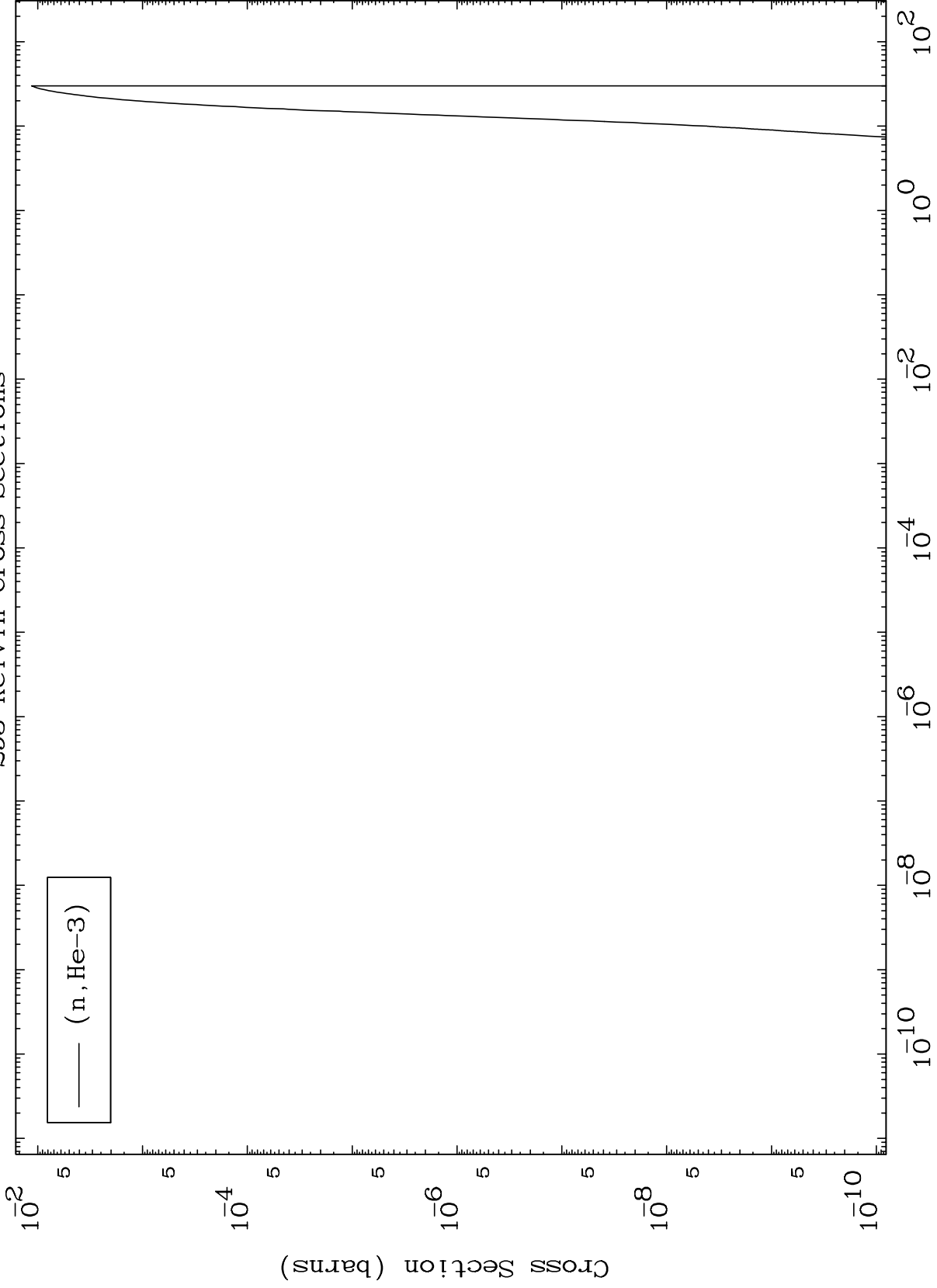
54-Xe-118



MAT 5407

(n,He3) Levels  
293 Kelvin Cross Sections

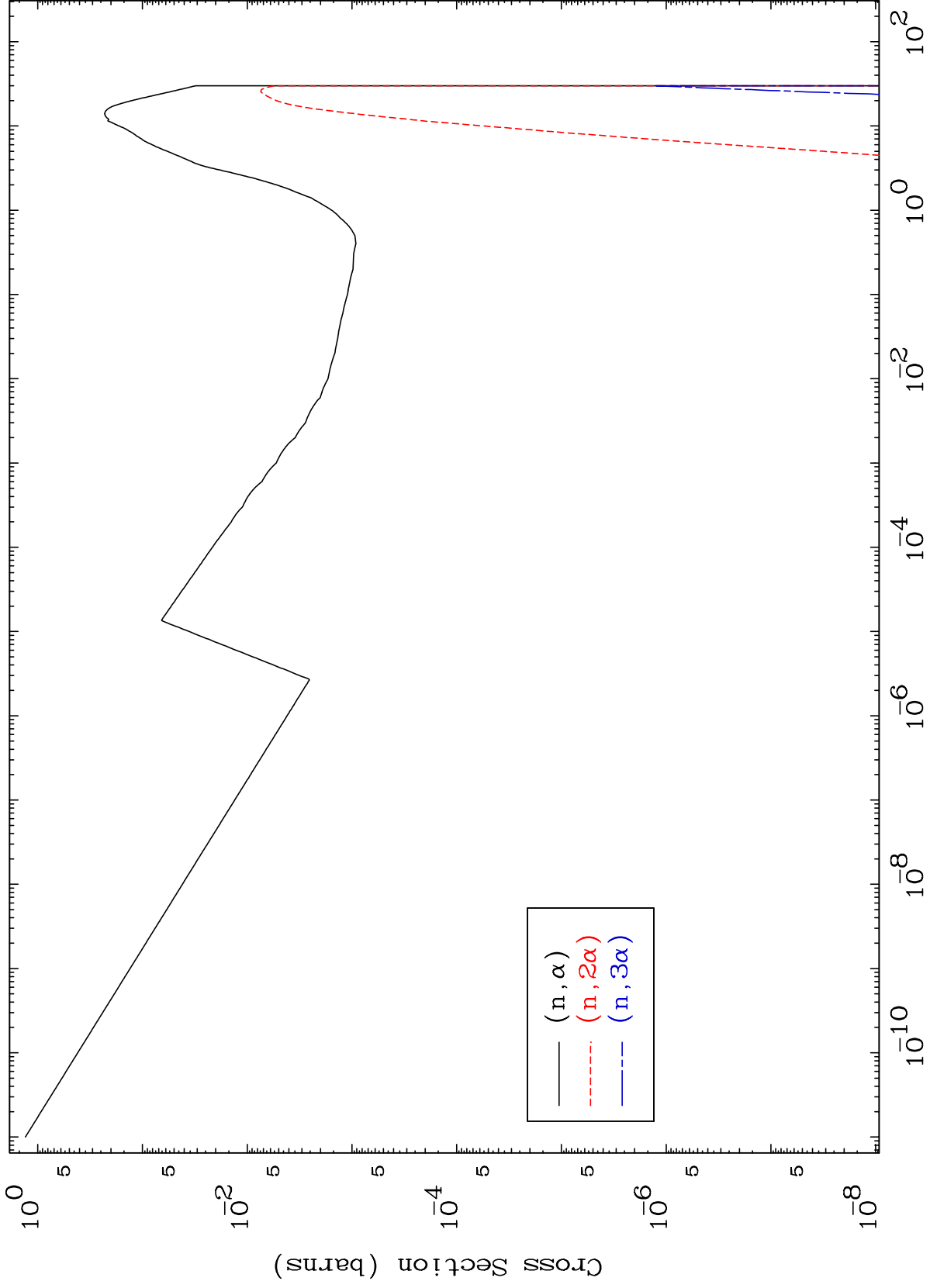
54-Xe-118



MAT 5407

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

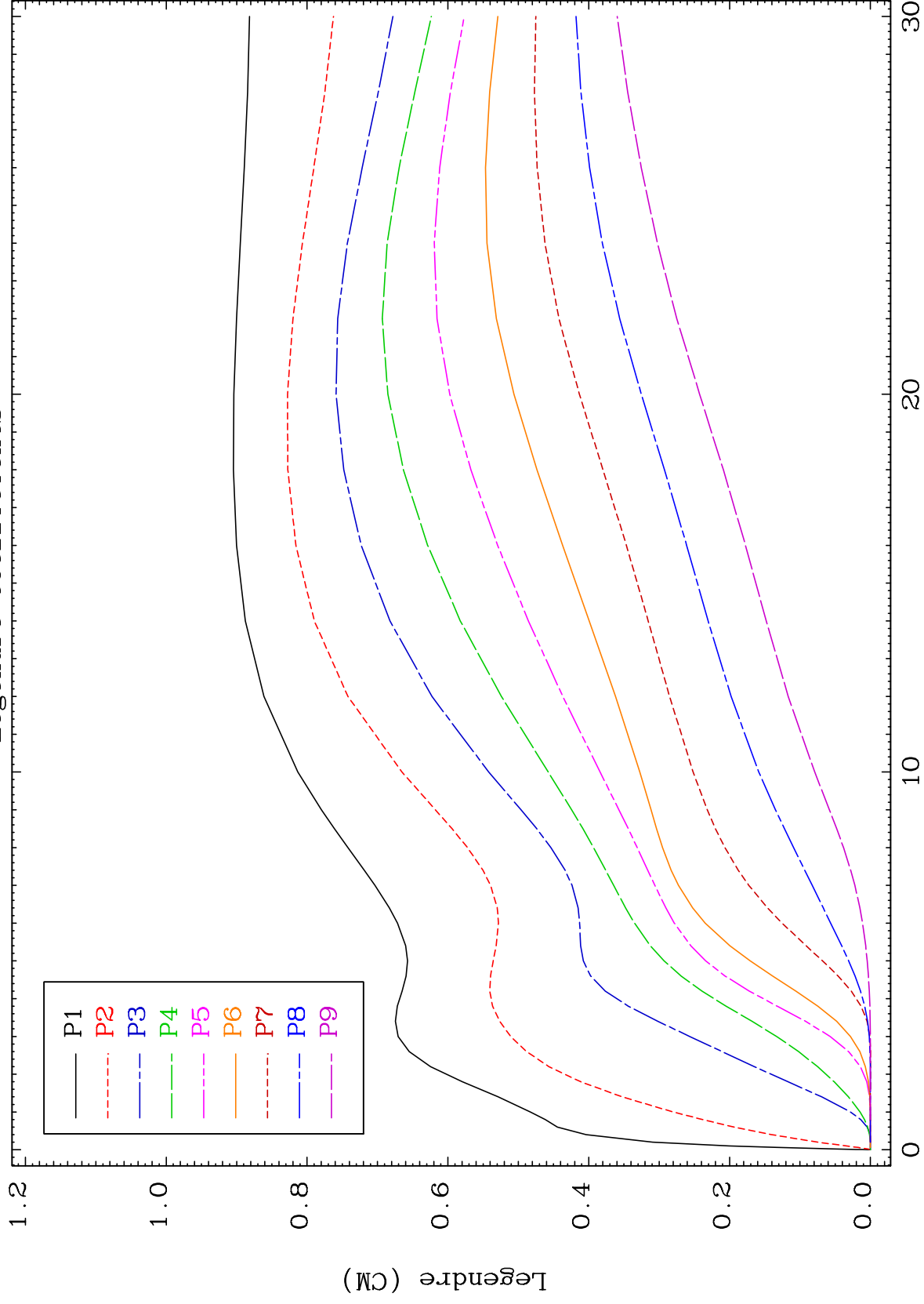
54-Xe-118



MAT 5407

Elastic Legendre Coefficients

54-Xe-118



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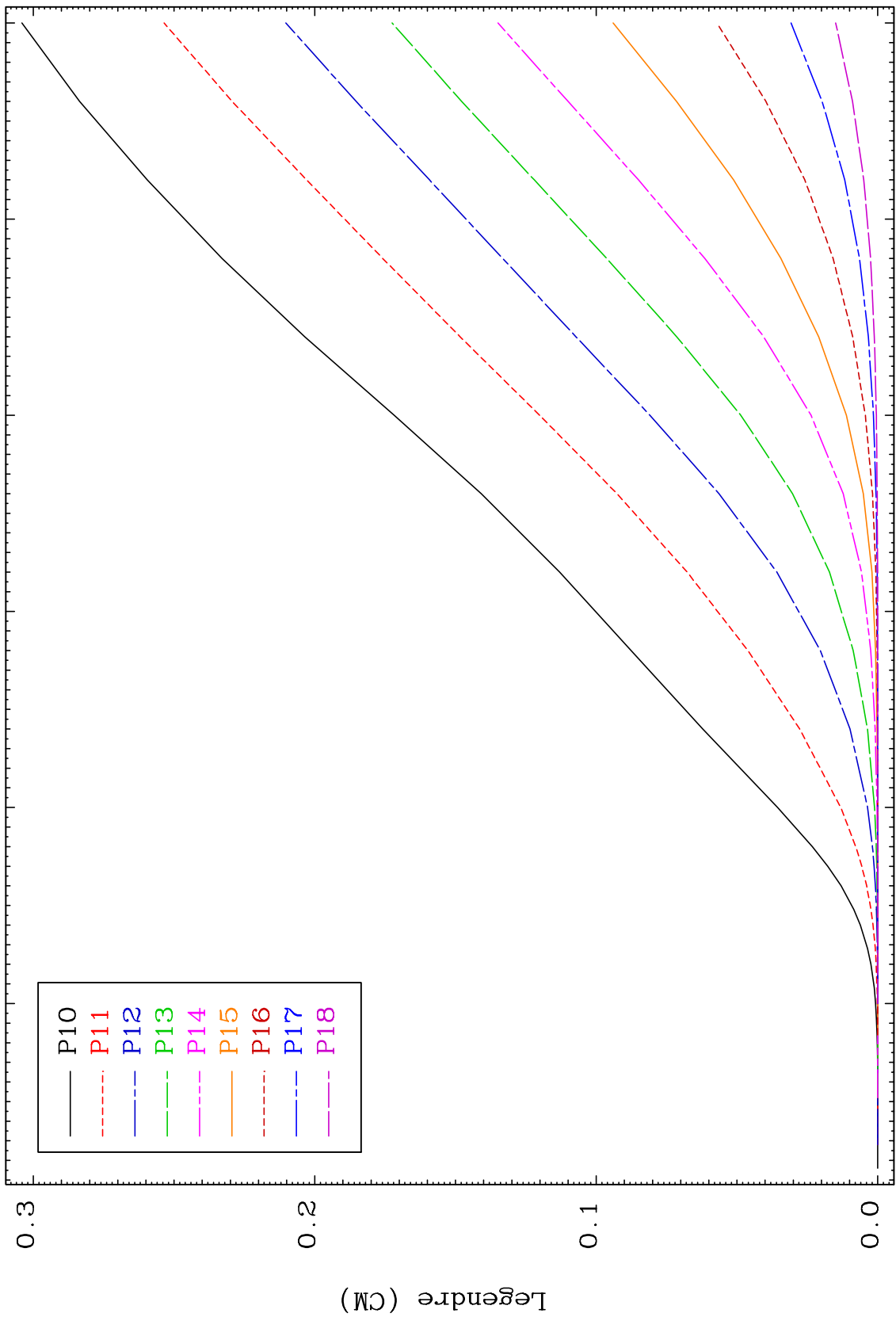
Incident Energy (MeV)

54-Xe-118

MAT 5407

Elastic Legendre Coefficients

54-Xe-118



19

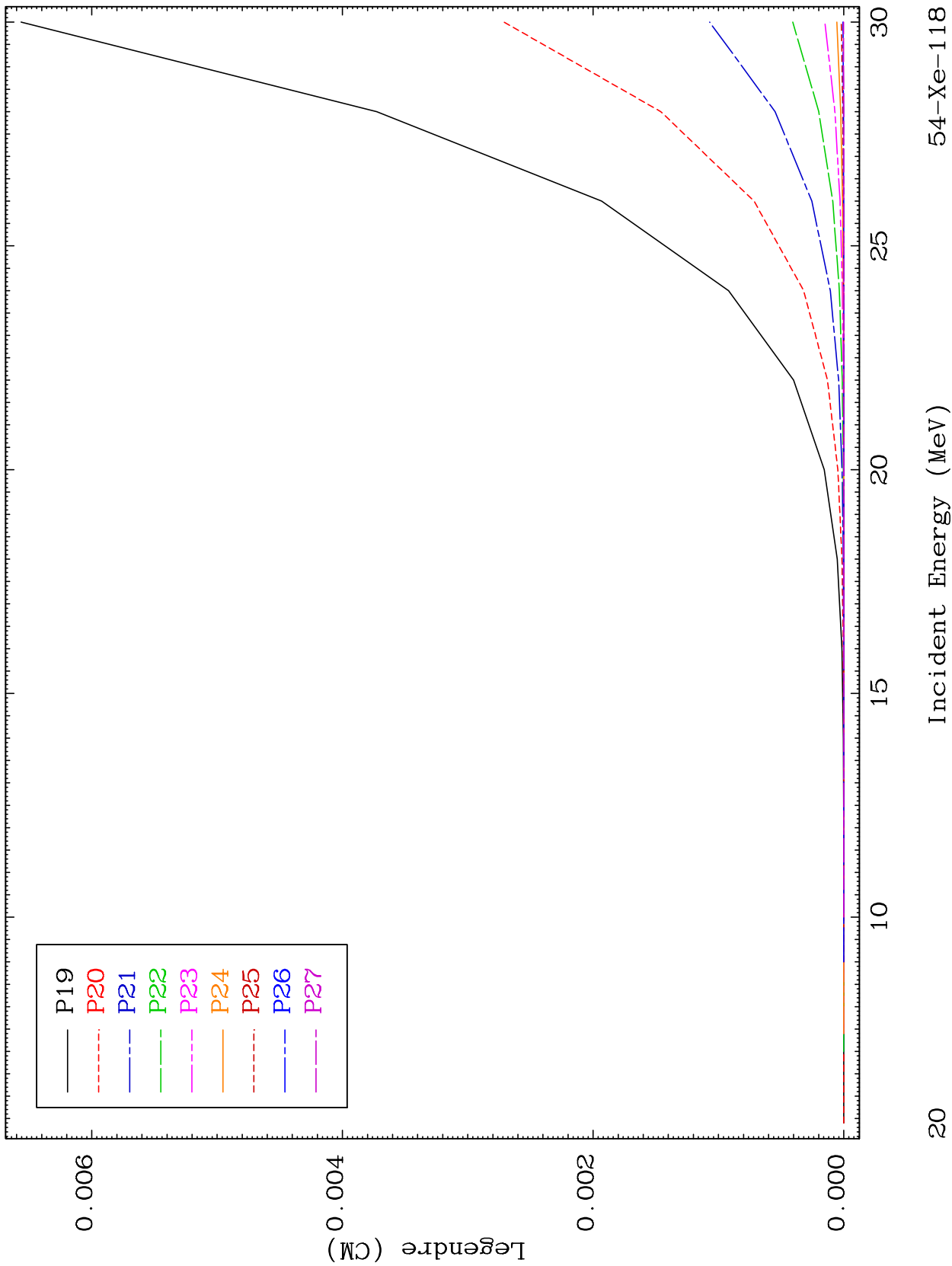
Incident Energy (MeV)

54-Xe-118

MAT 5407

Elastic Legendre Coefficients

54-Xe-118



20

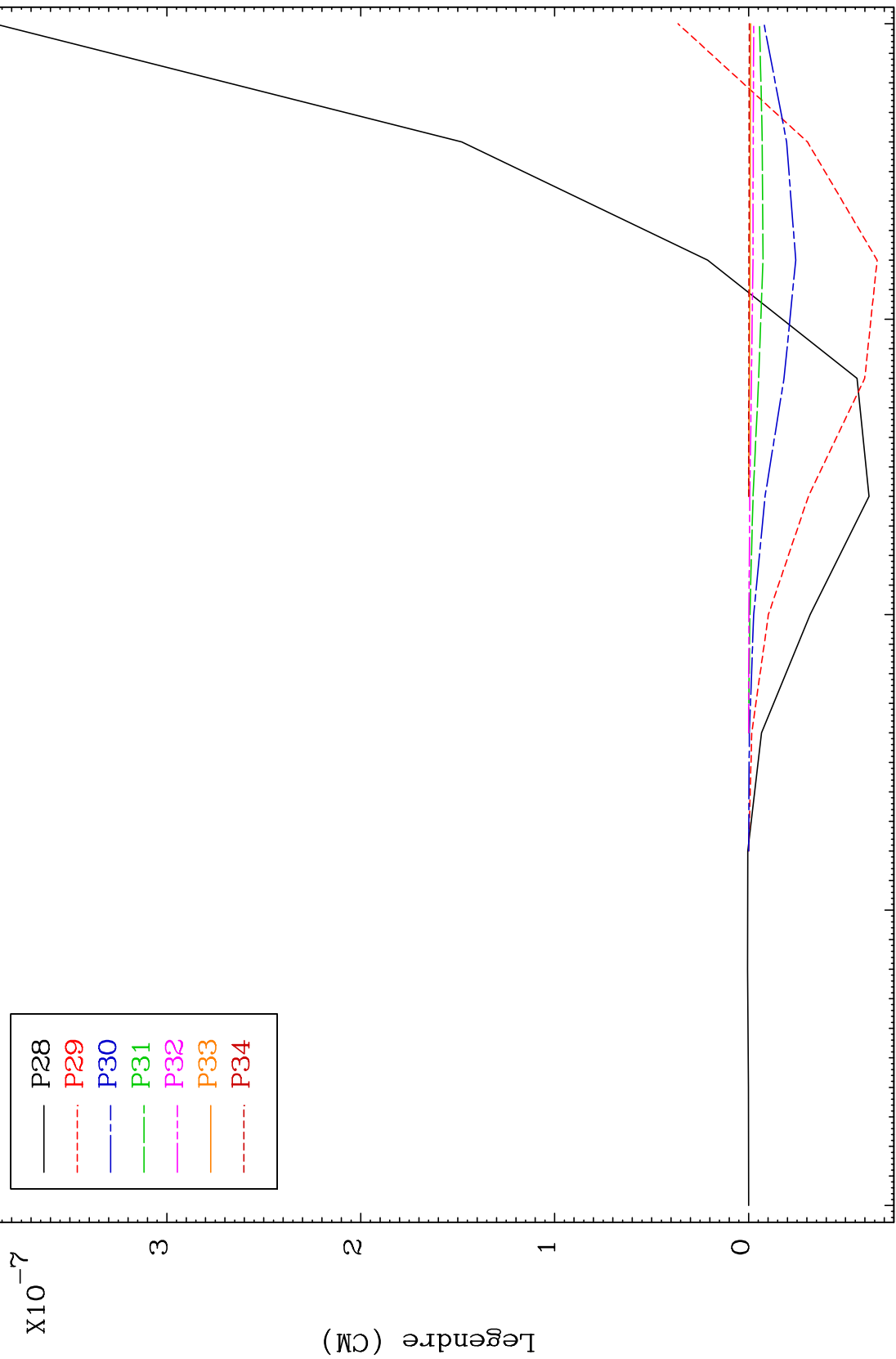
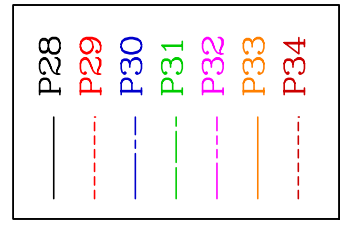
Incident Energy (MeV)

54-Xe-118

MAT 5407

Elastic Legendre Coefficients

54-Xe-118



21

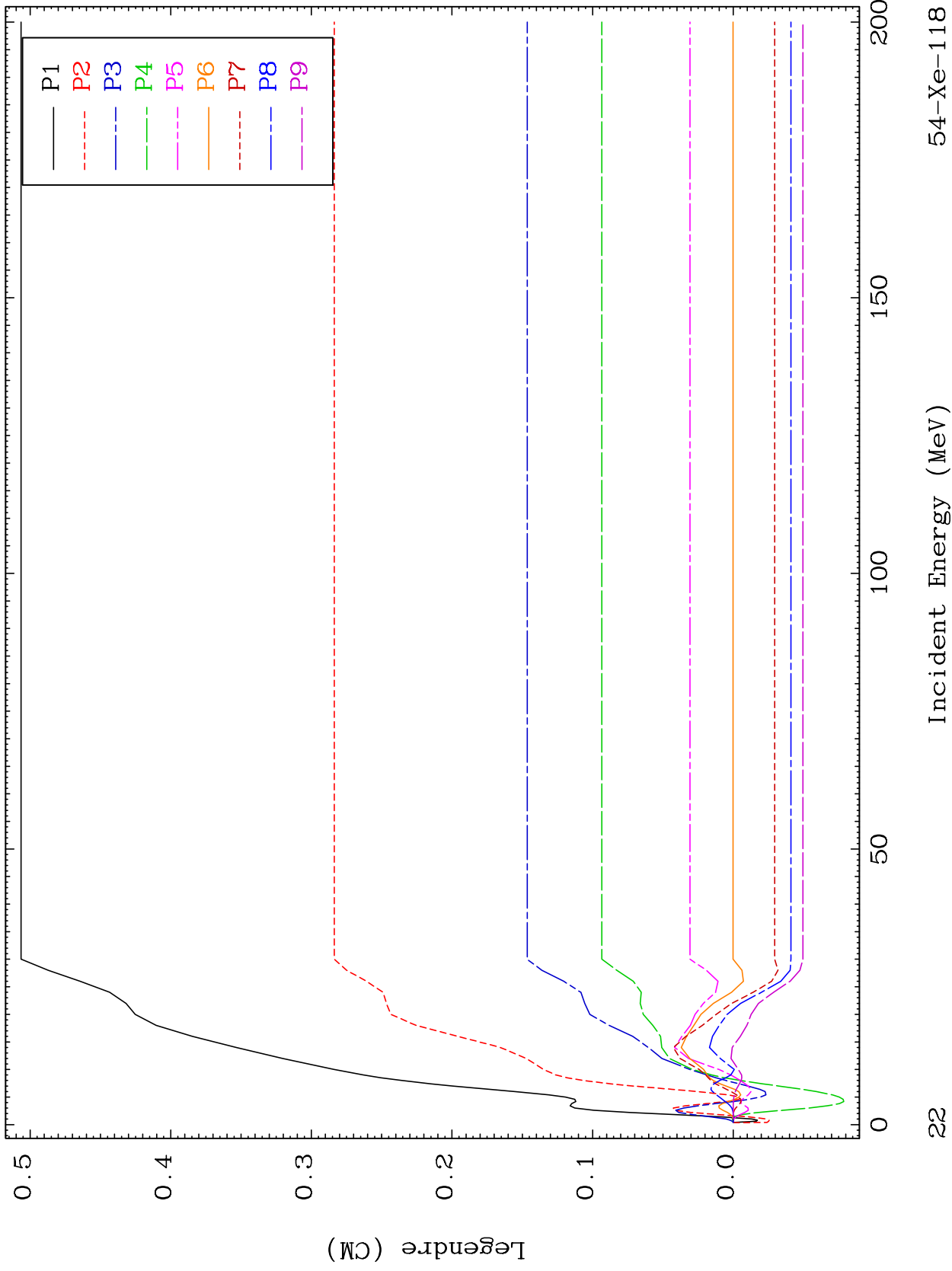
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



22

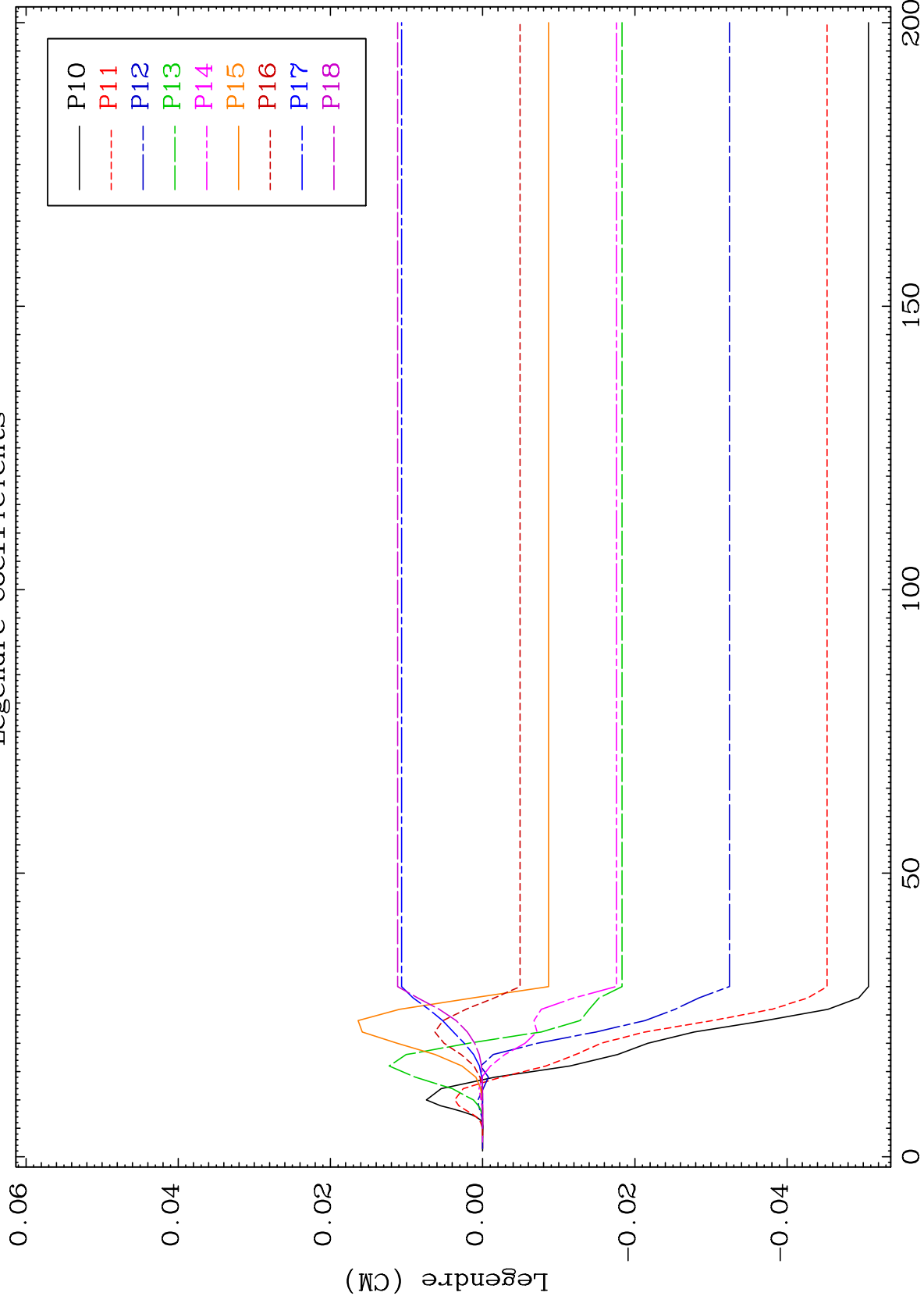
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118

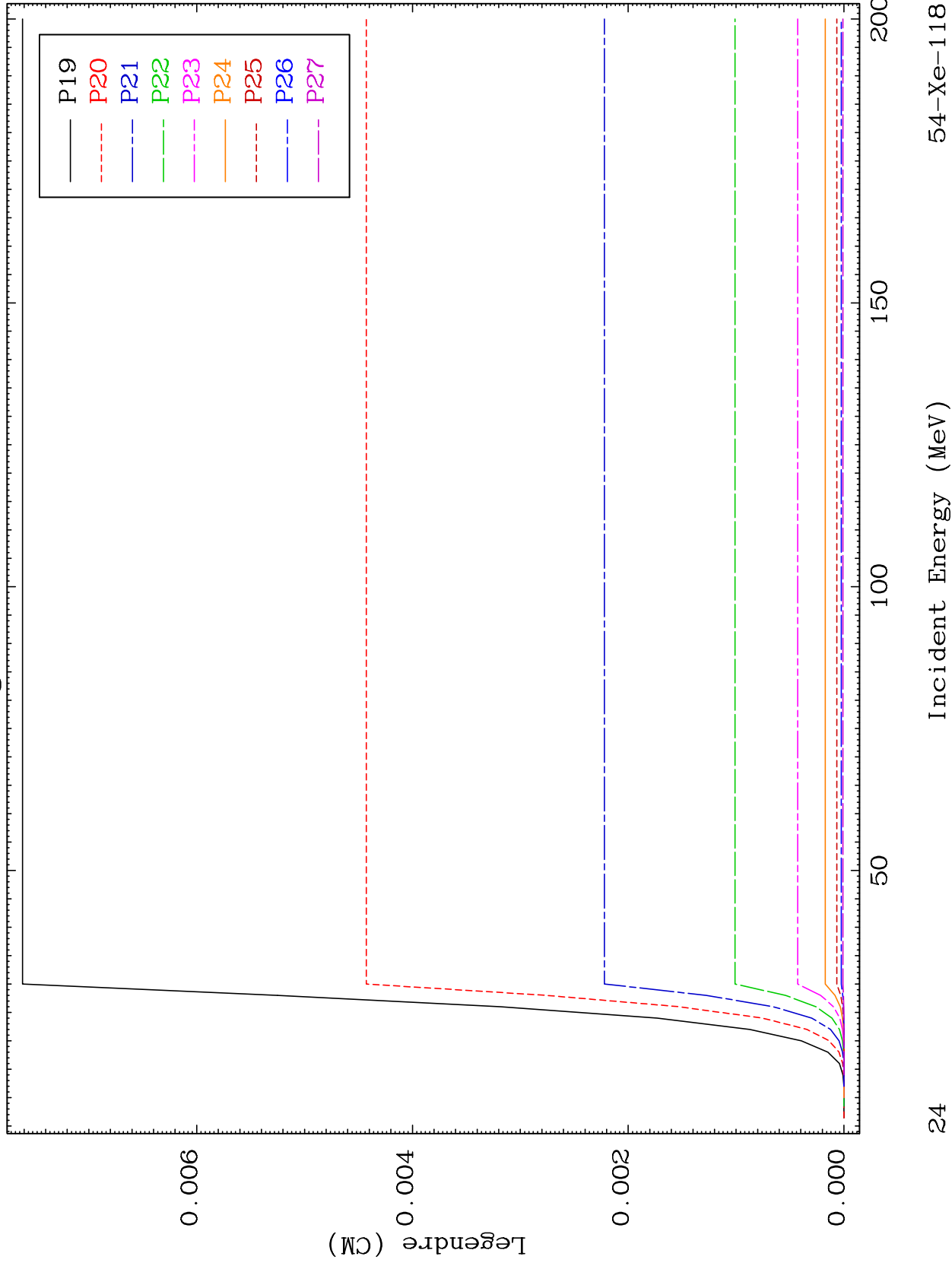




MAT 5407

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

54-Xe-118



24

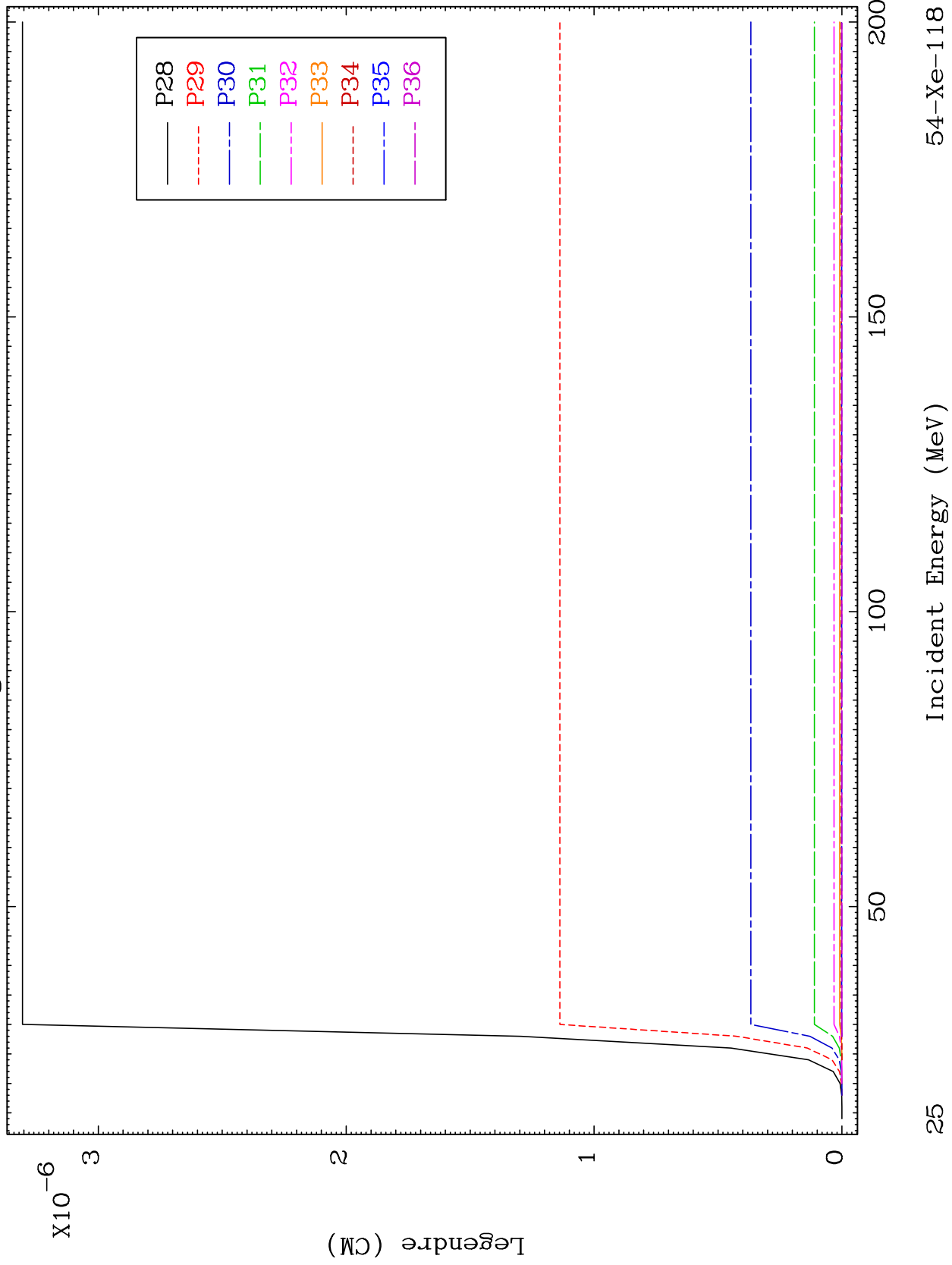
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

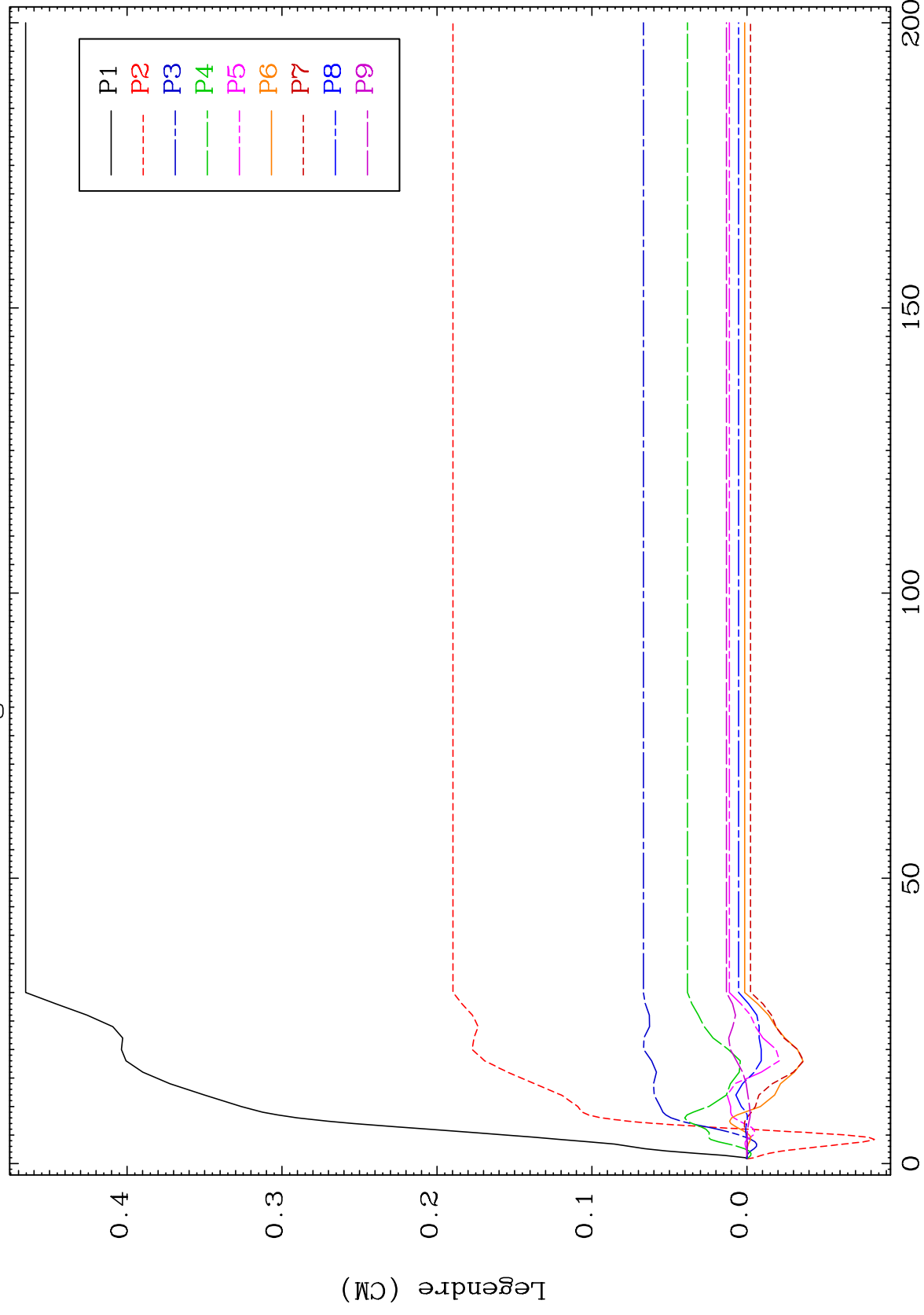
54-Xe-118



MAT 5407

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

54-Xe-118

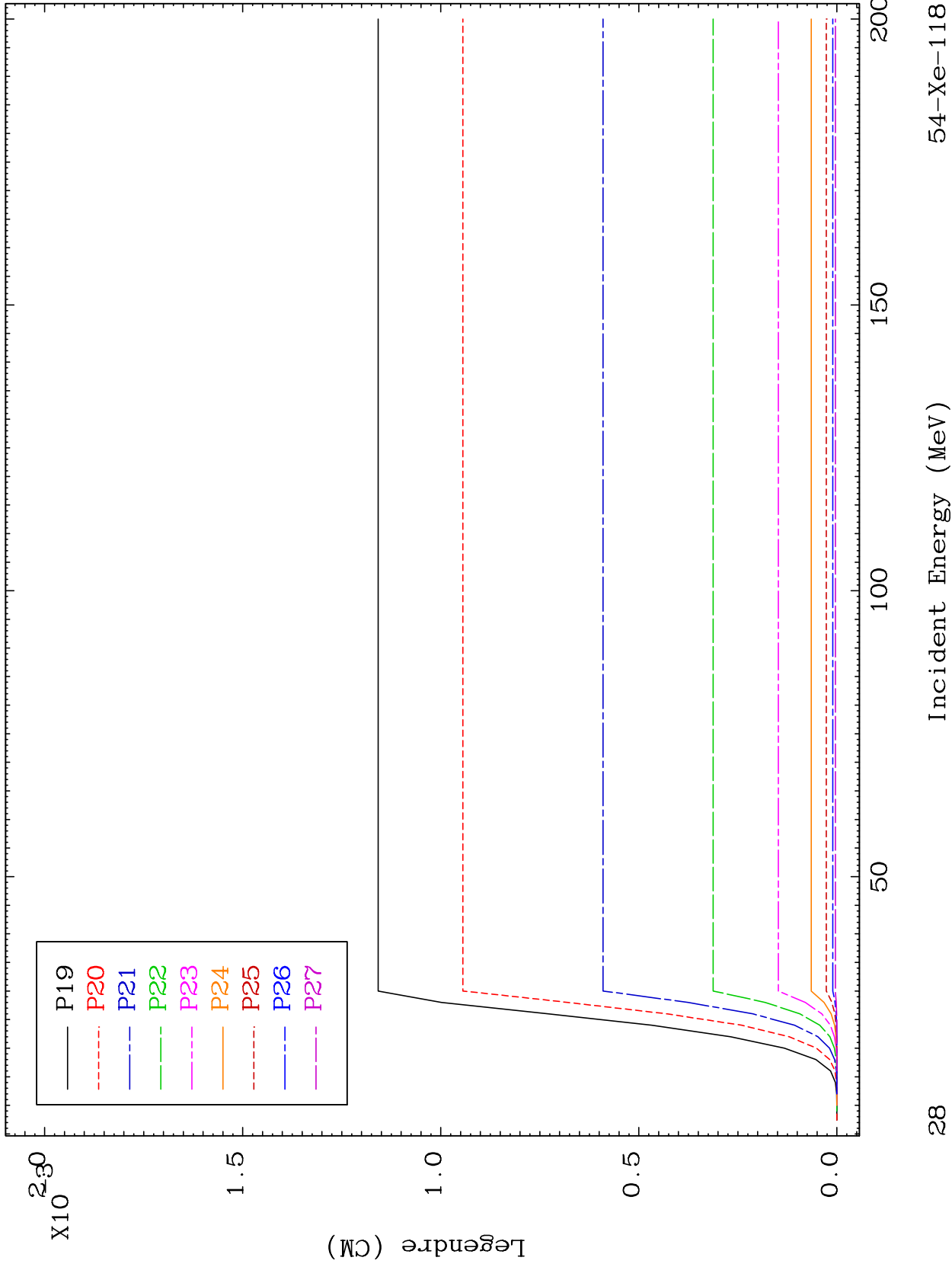


26

Incident Energy (MeV)

54-Xe-118

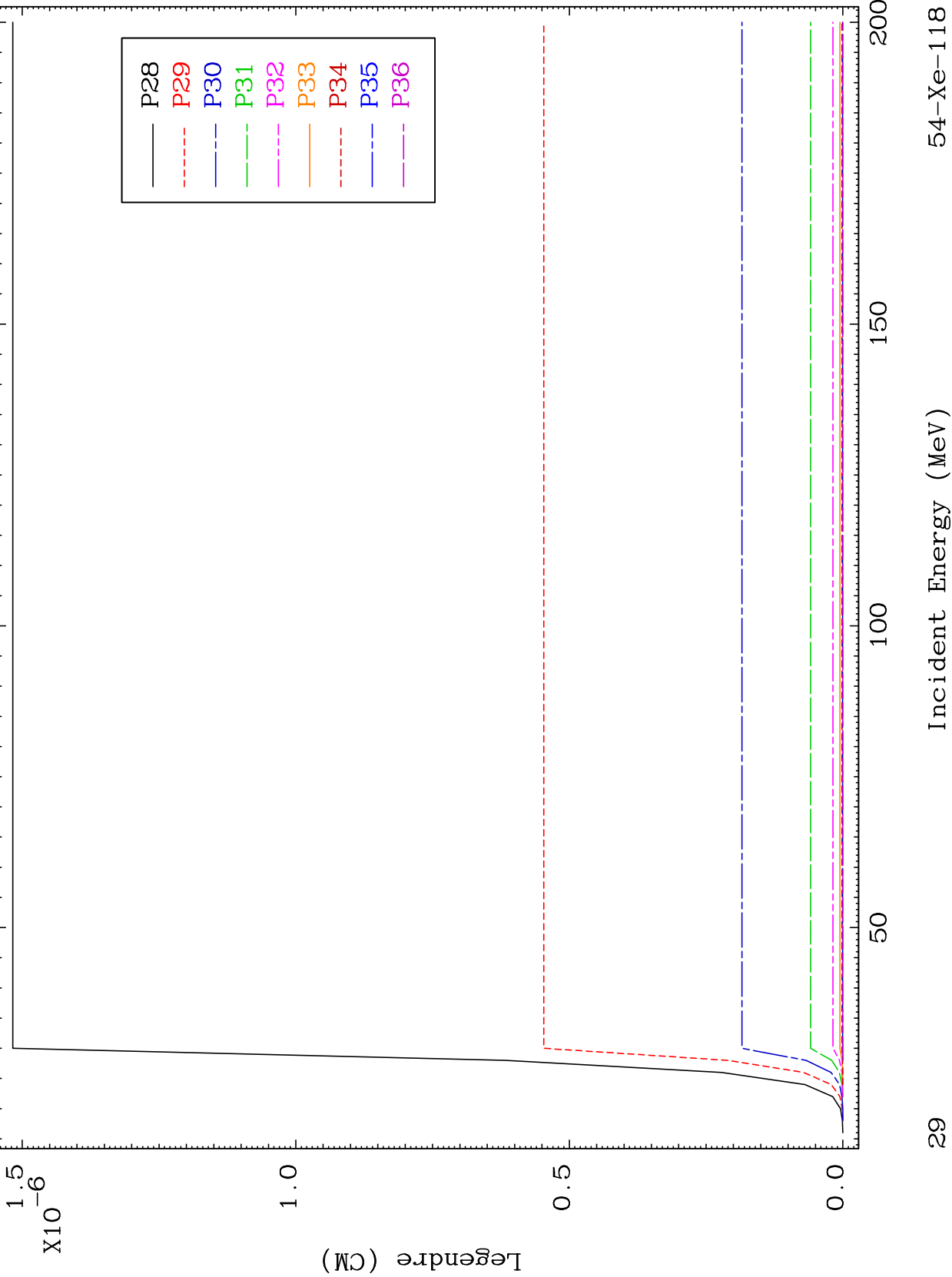




MAT 5407

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

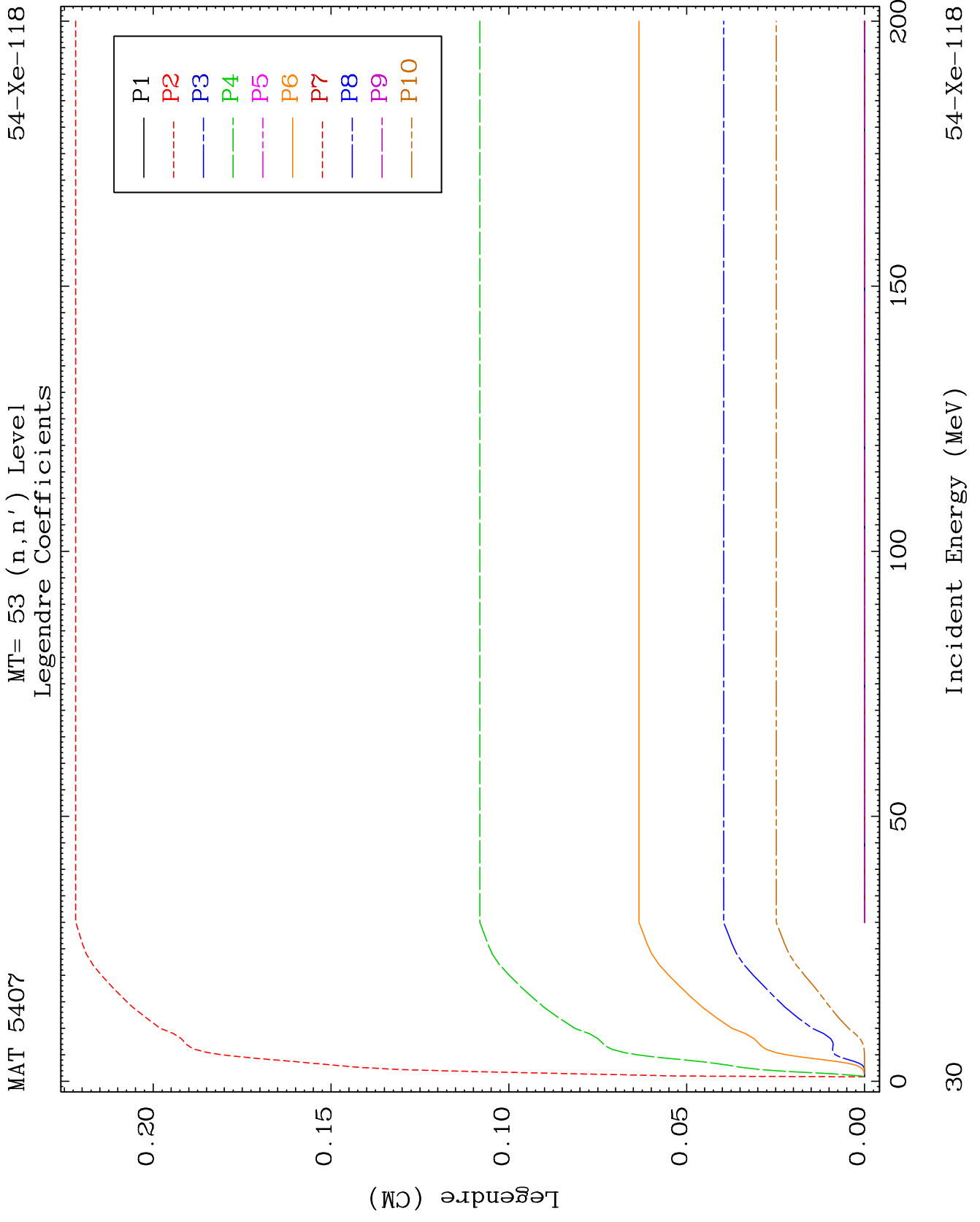
54-Xe-118



29

Incident Energy (MeV)

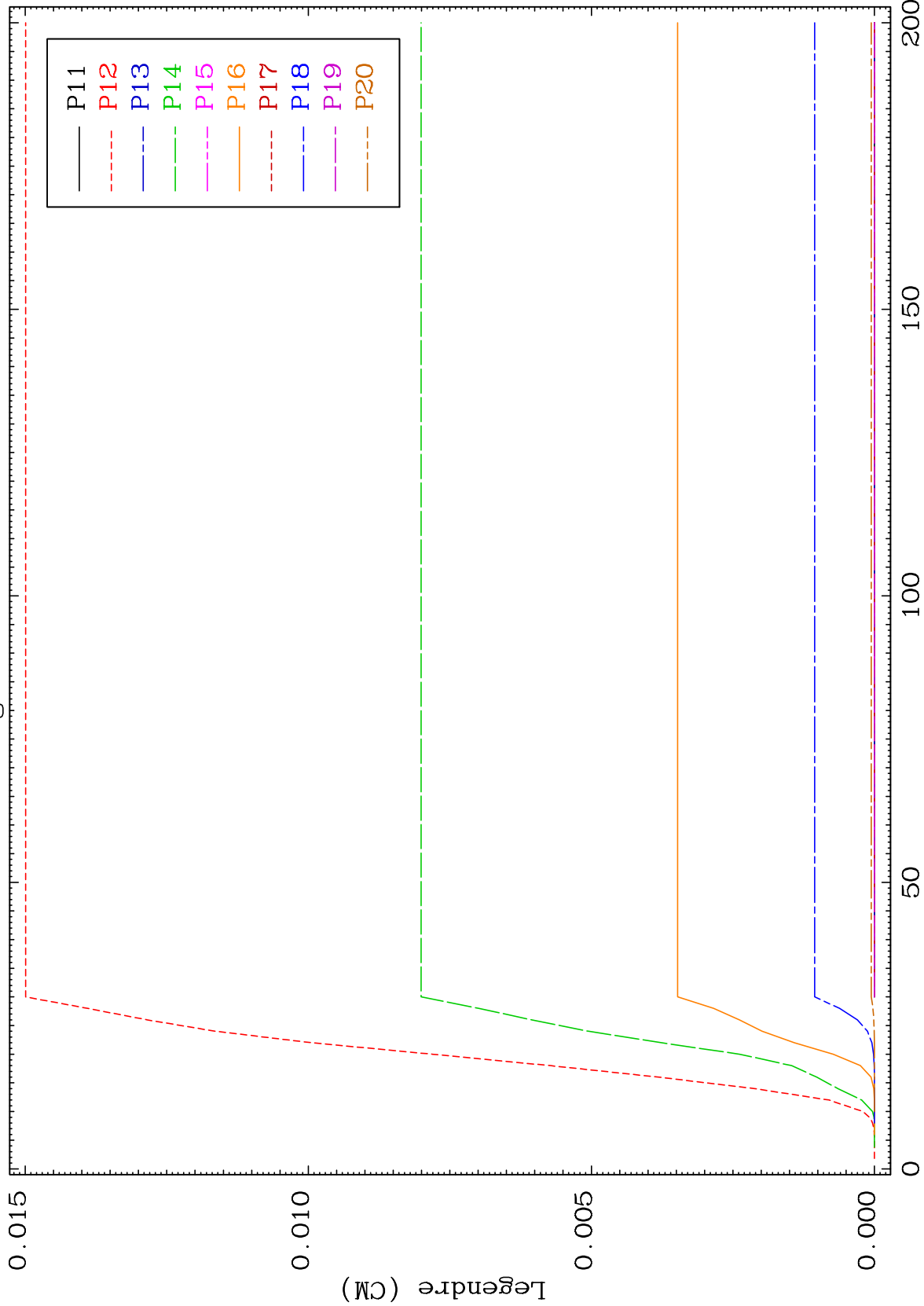
54-Xe-118



MAT 5407

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

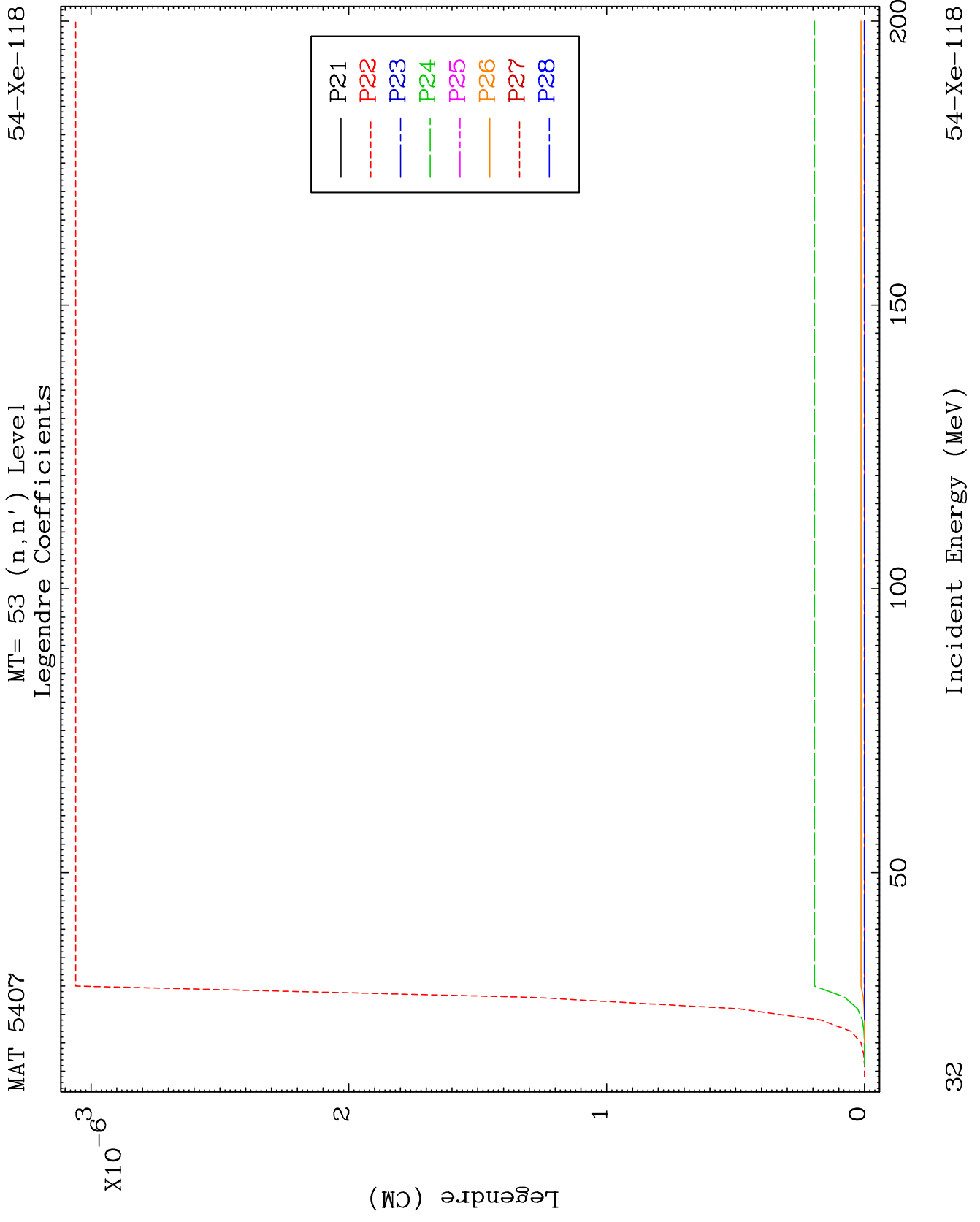
54-Xe-118



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54-Xe-118



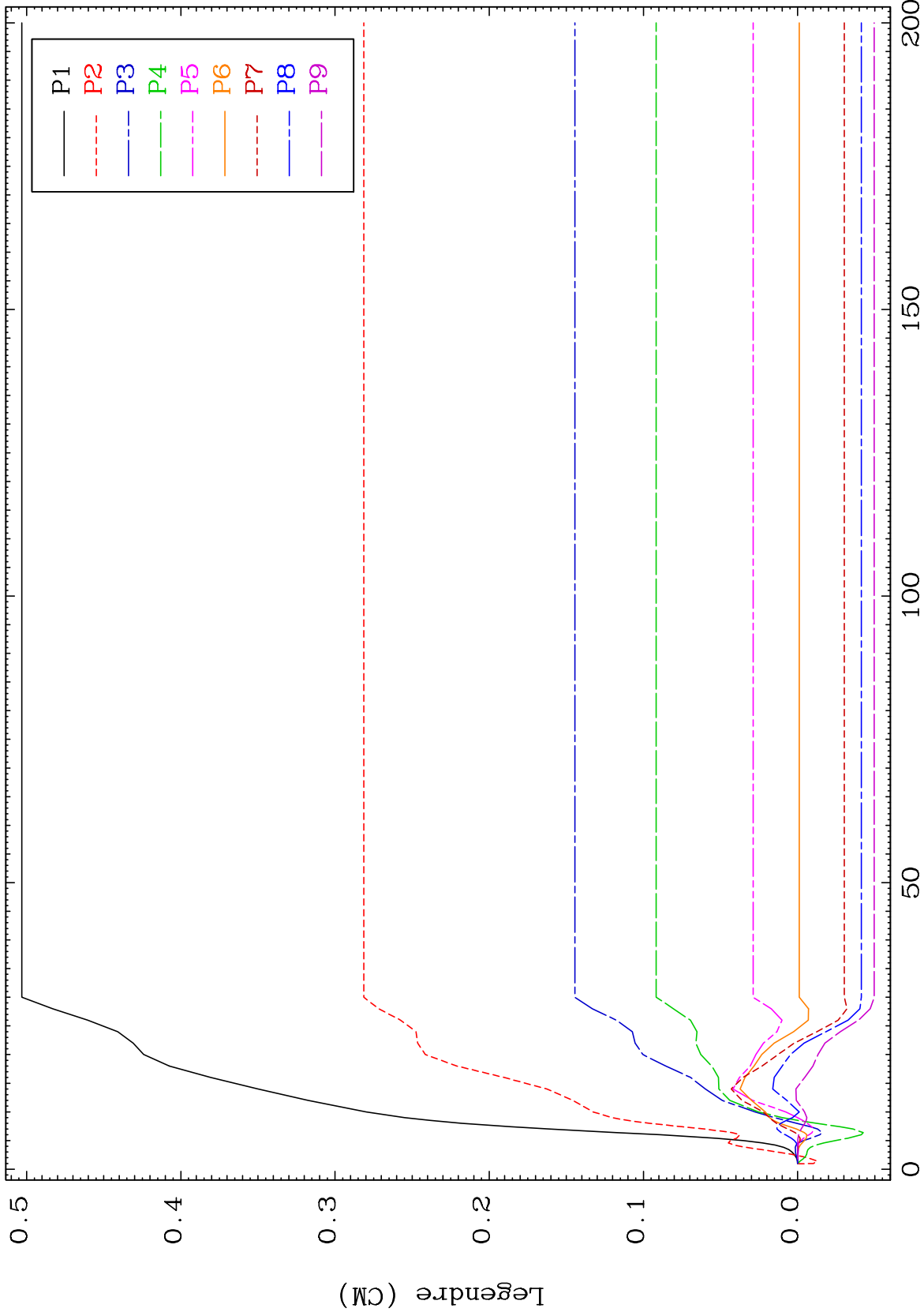


MAT 5407

MT= 54 (n,n') Level

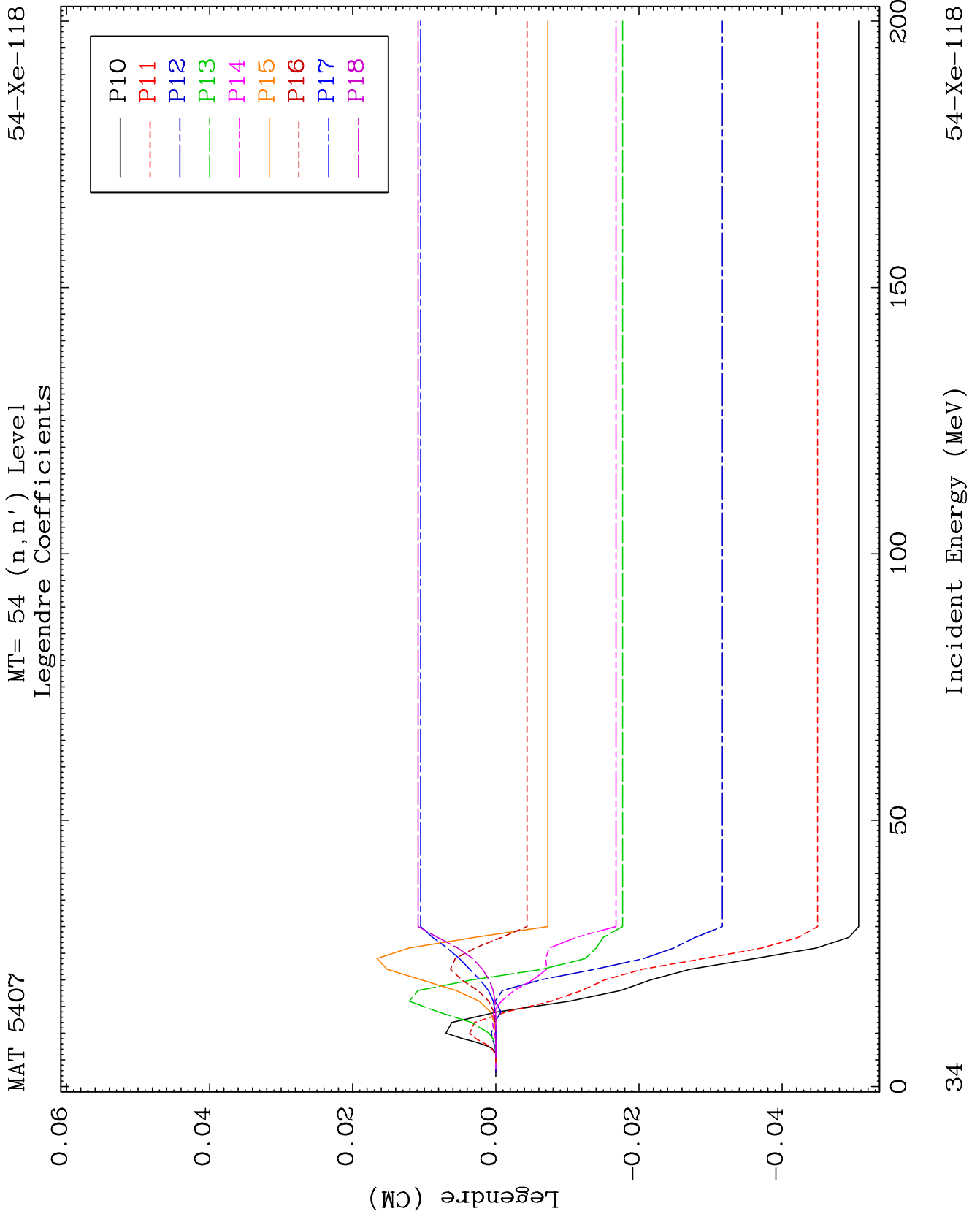
54-Xe-118

Legendre Coefficients



33

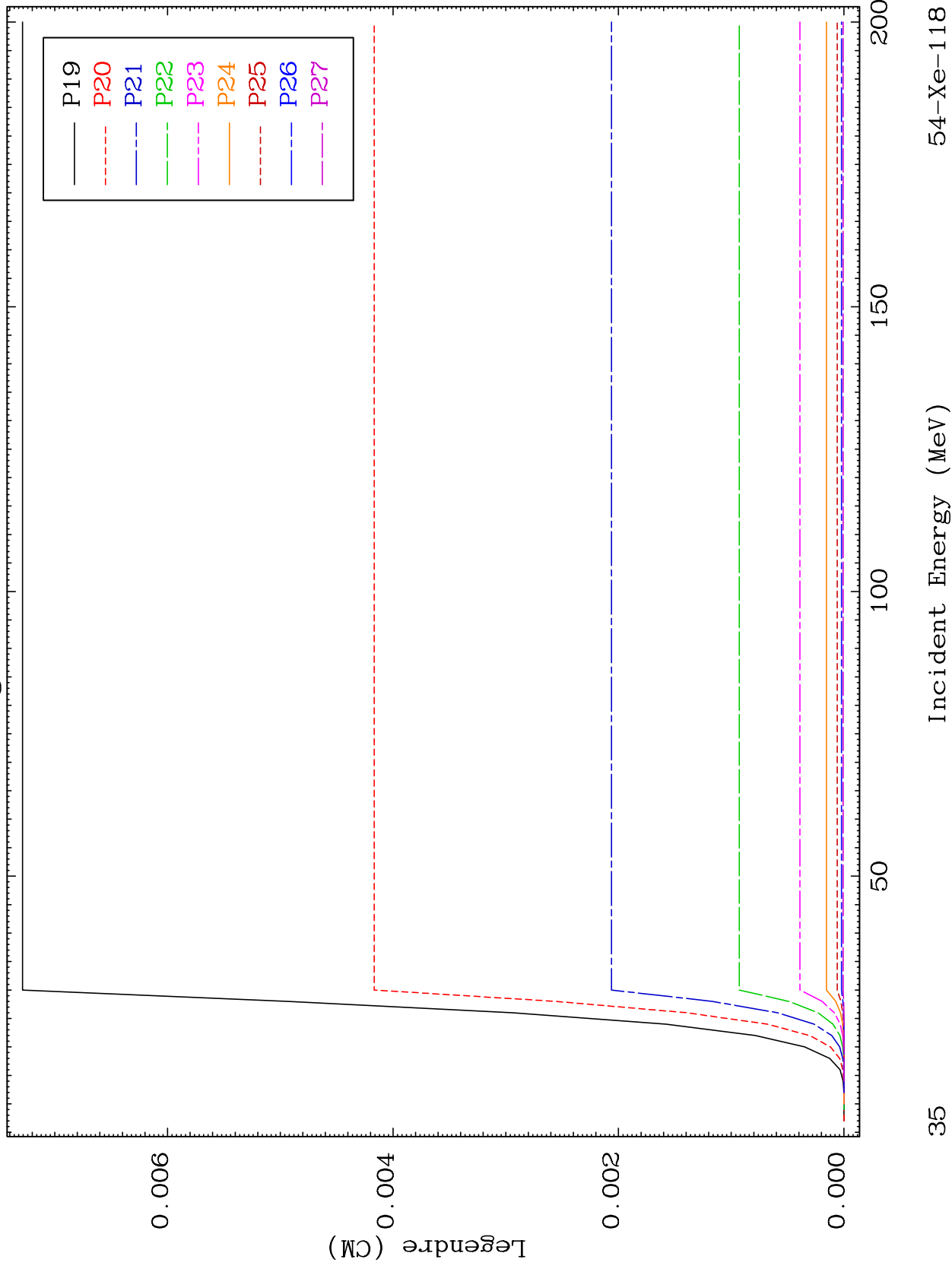
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

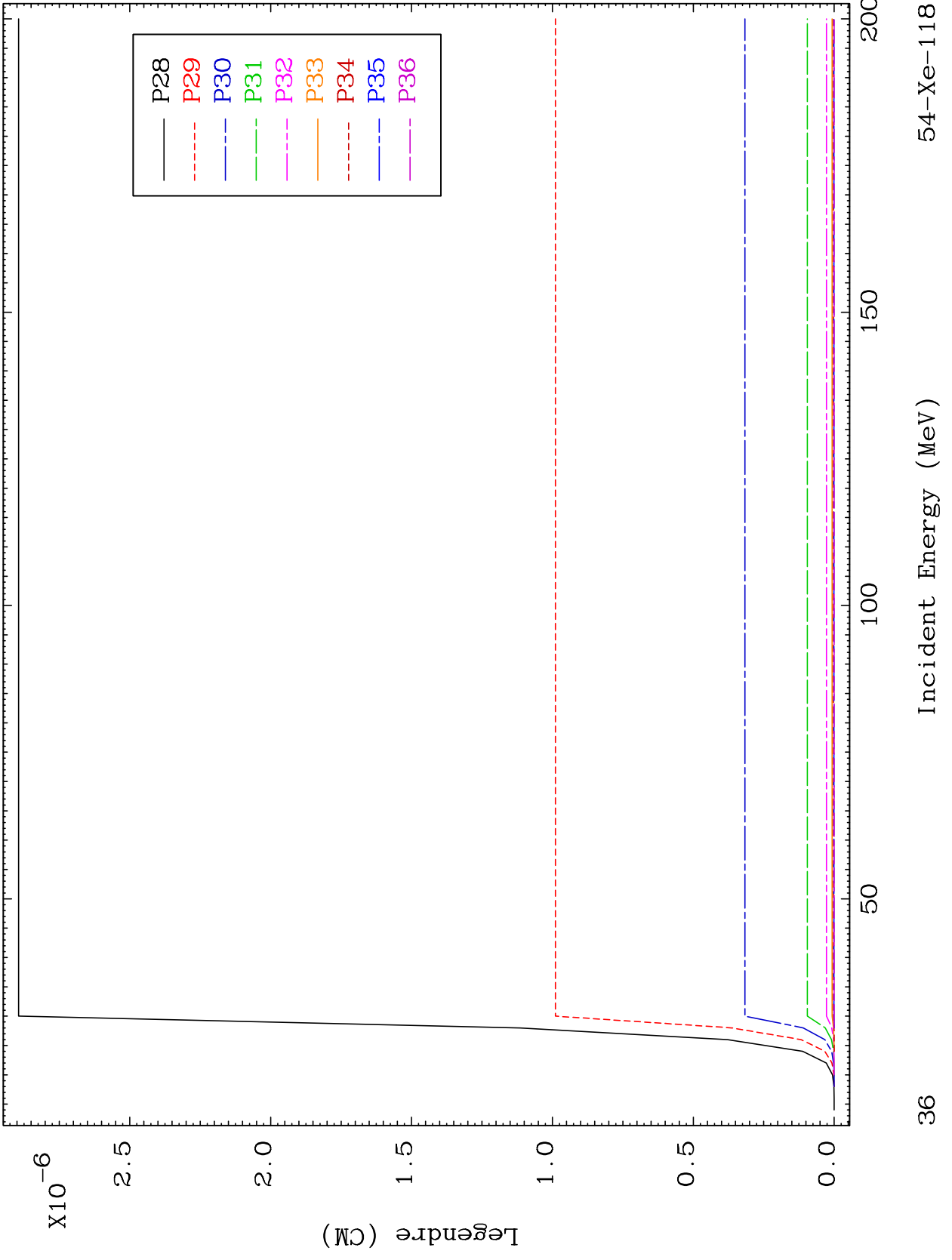
Incident Energy (MeV)

35

MAT 5407

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

54-Xe-118



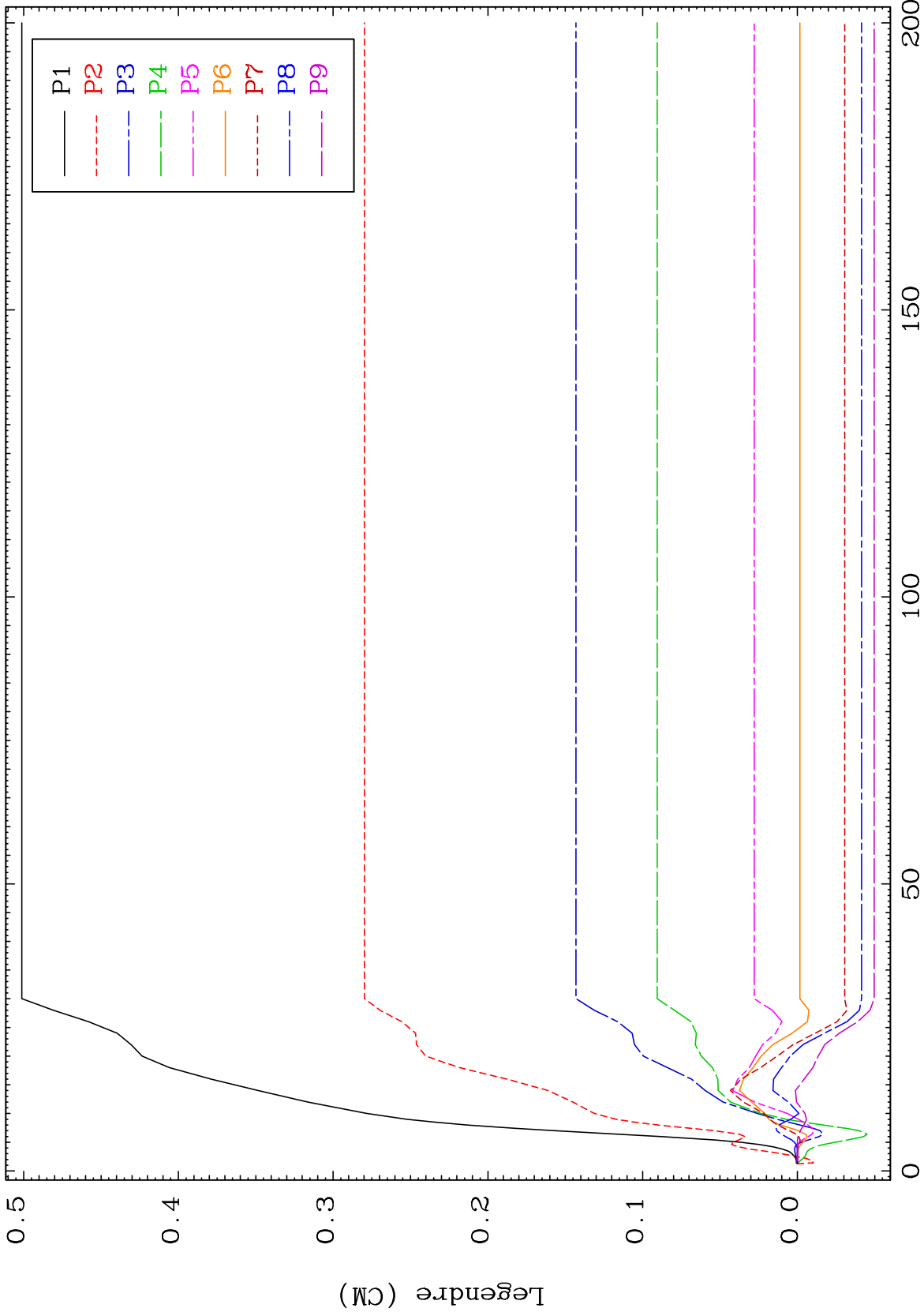
36

MAT 5407

MT= 55 (n,n') Level

54-Xe-118

Legendre Coefficients



37

Incident Energy (MeV)

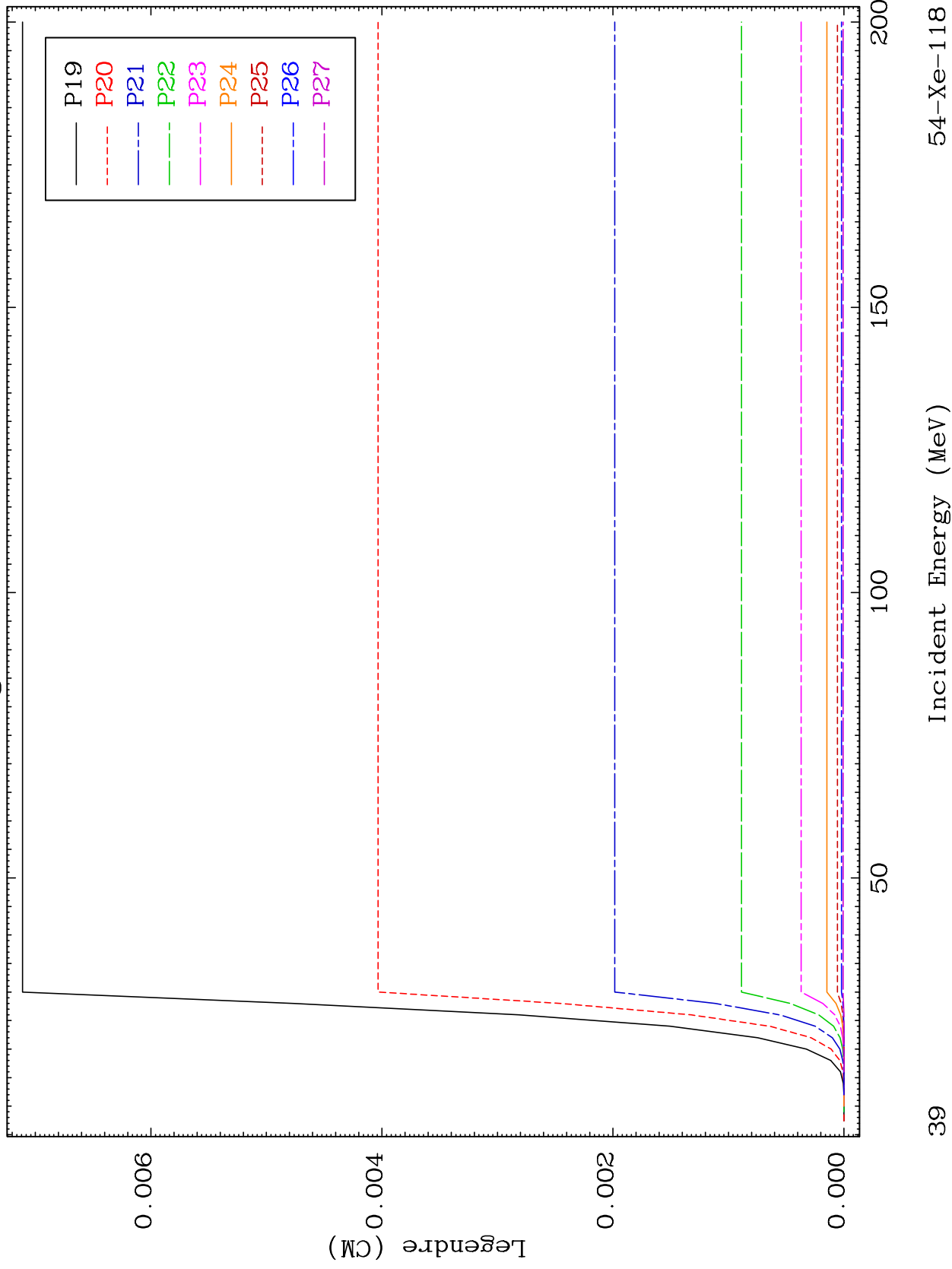
54-Xe-118



MAT 5407

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

54-Xe-118



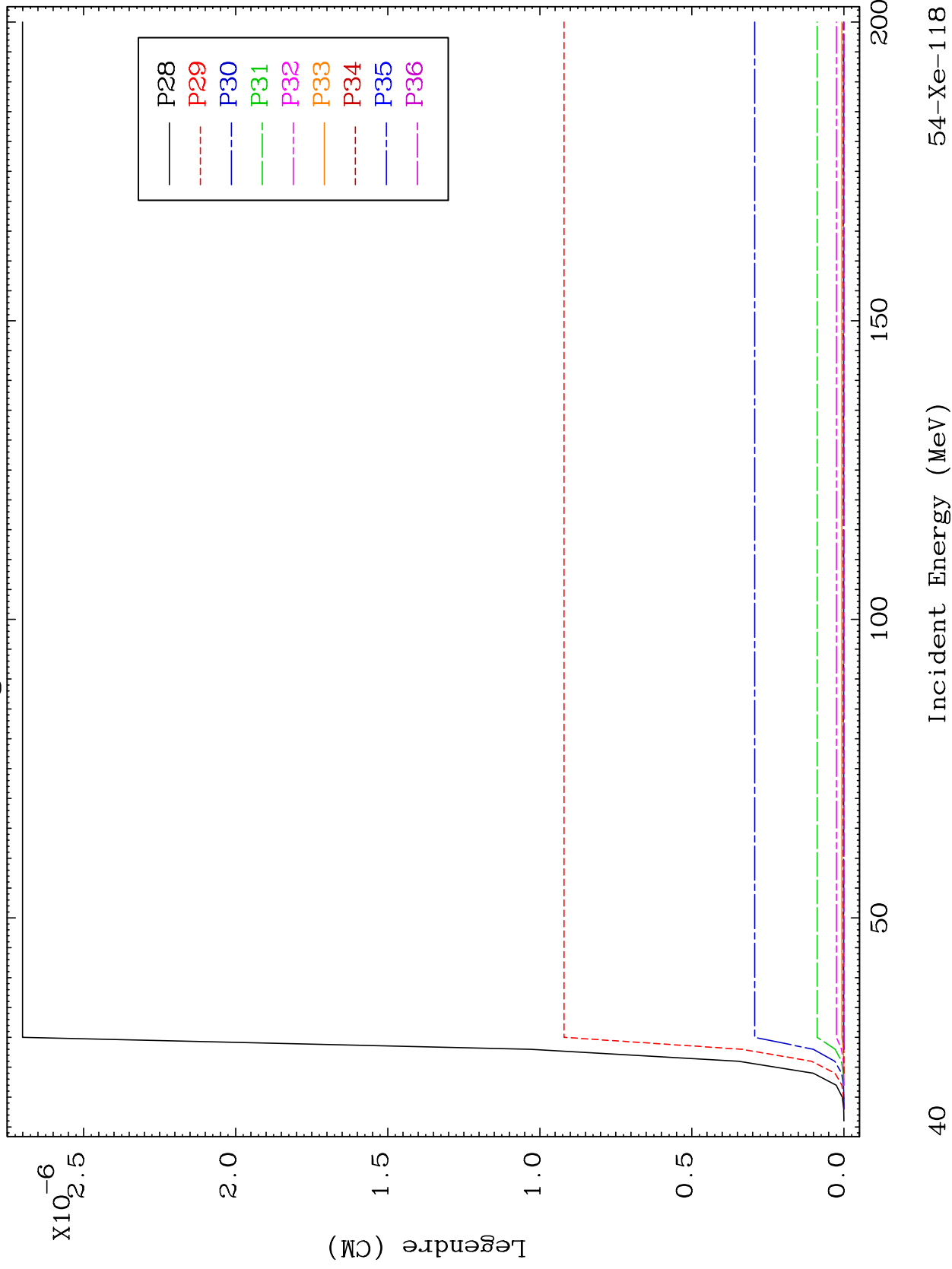
39



MAT 5407

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

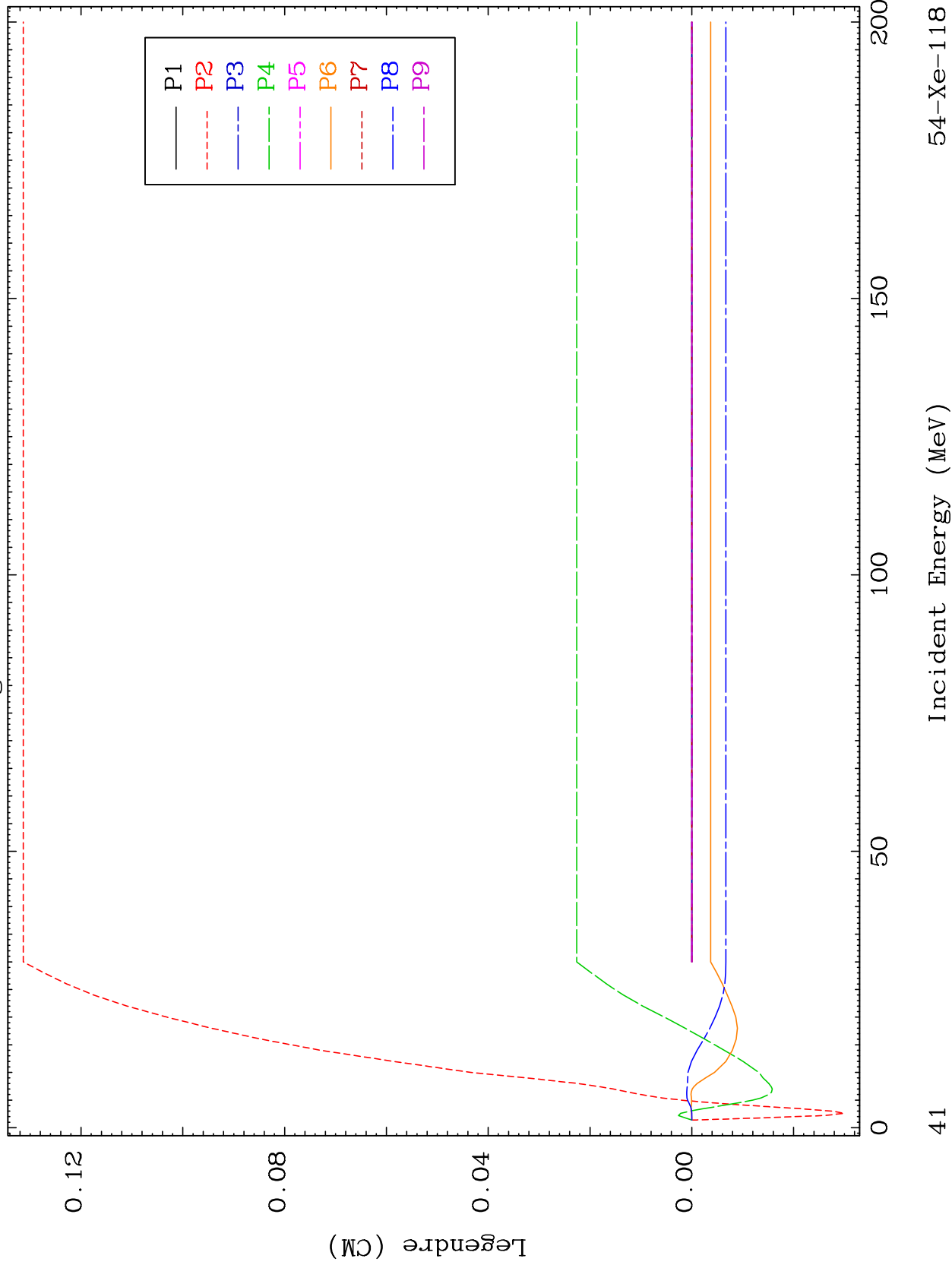
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

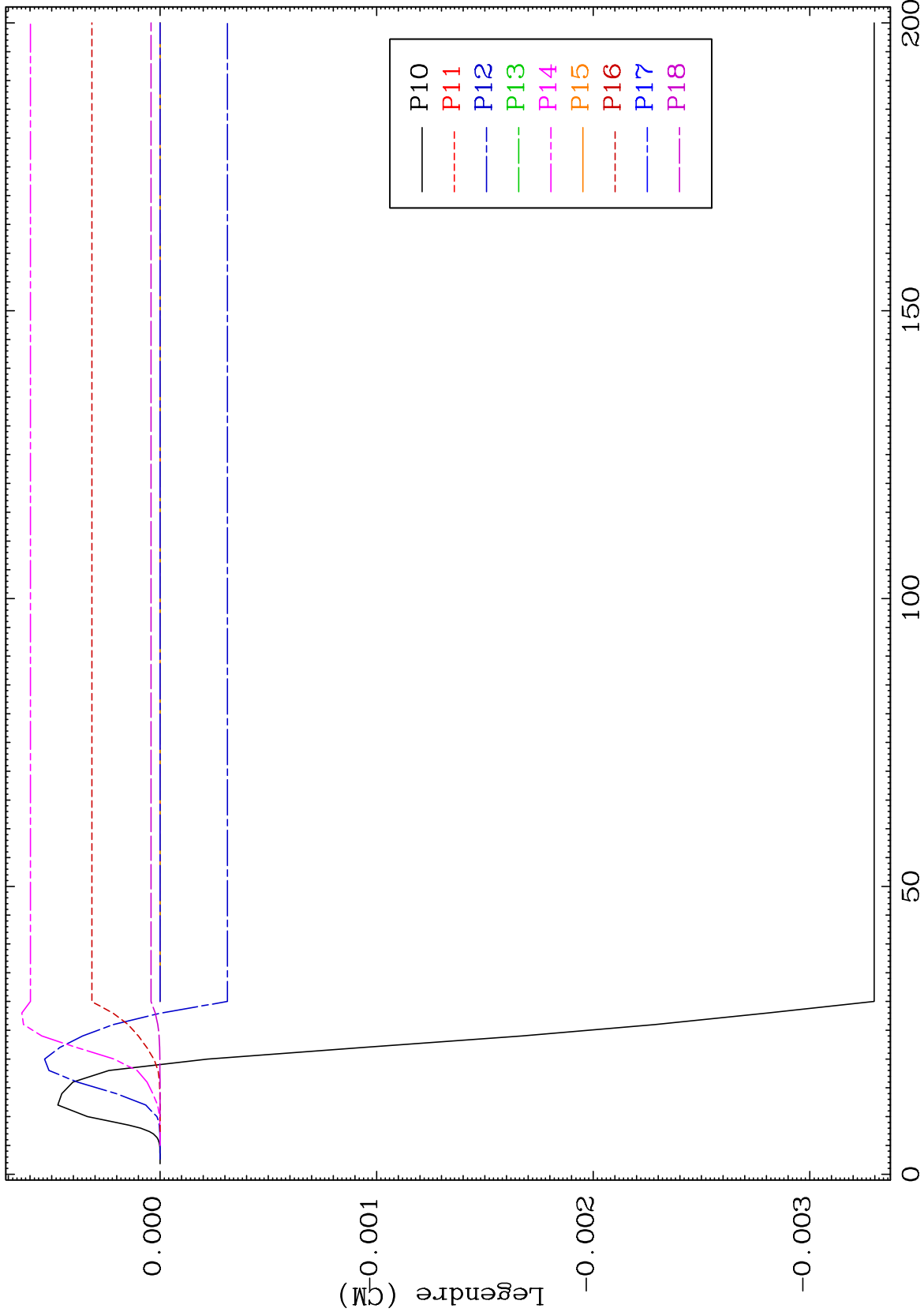
Incident Energy (MeV)

41

MAT 5407

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

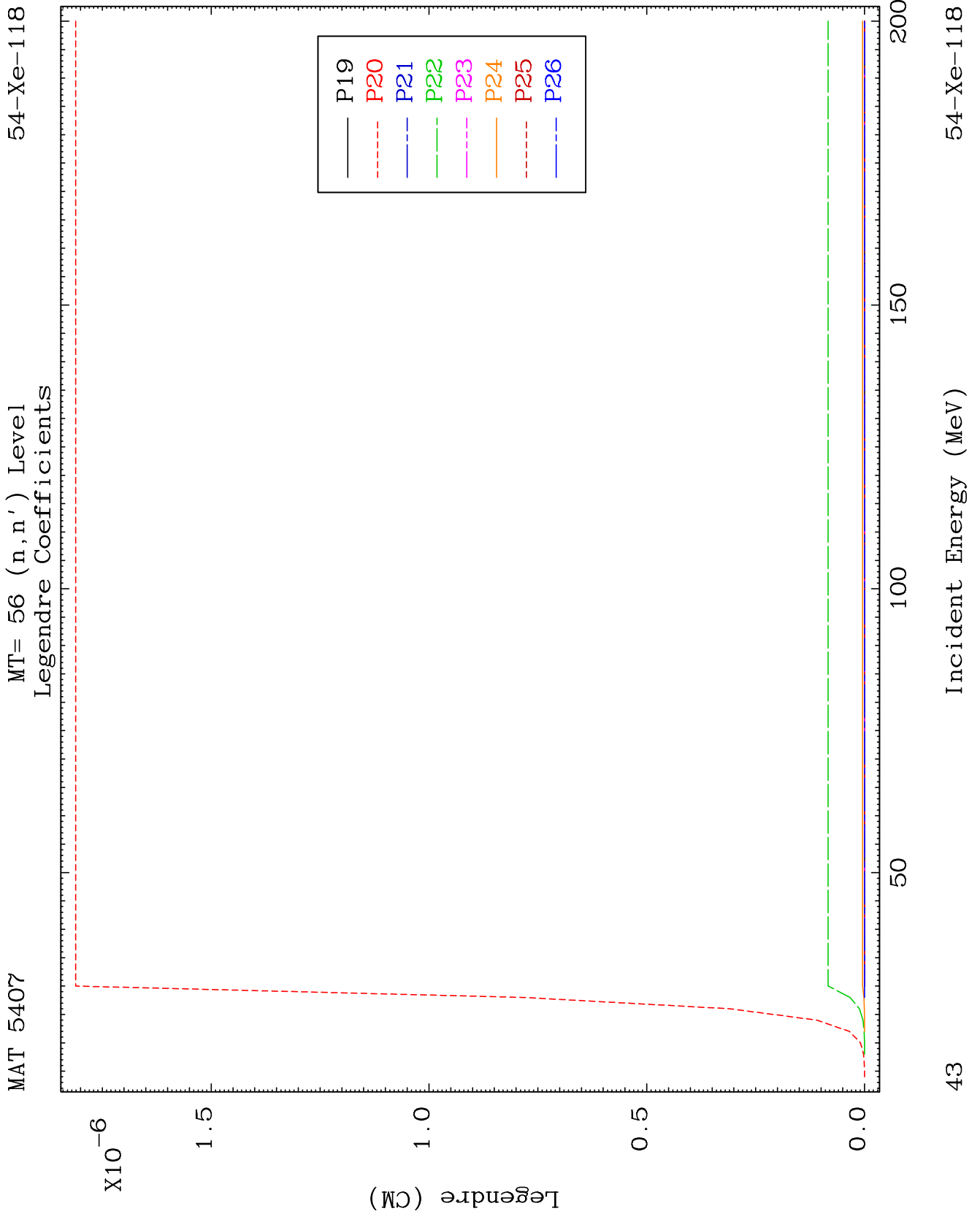
54-Xe-118



42

Incident Energy (MeV)

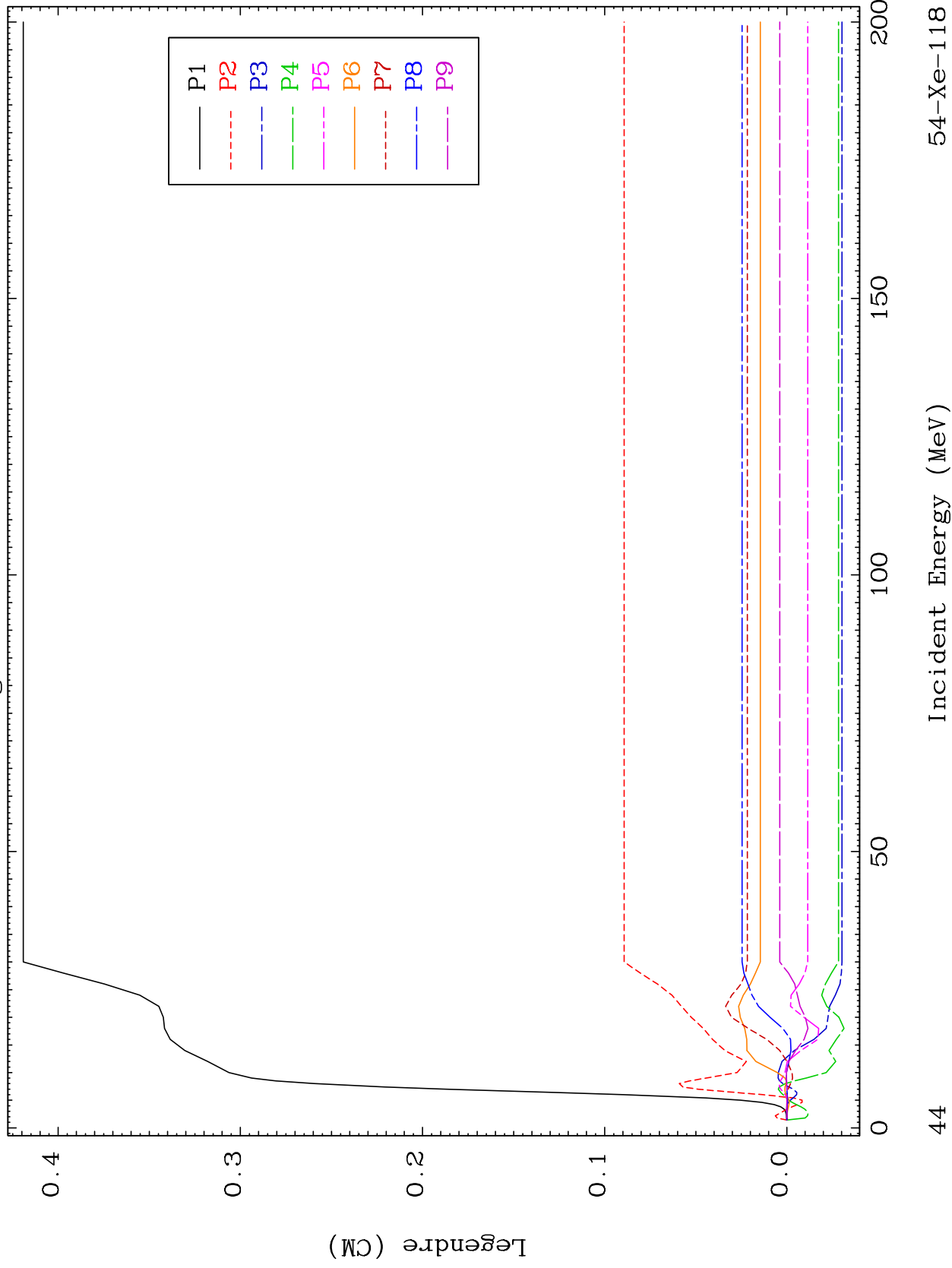
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

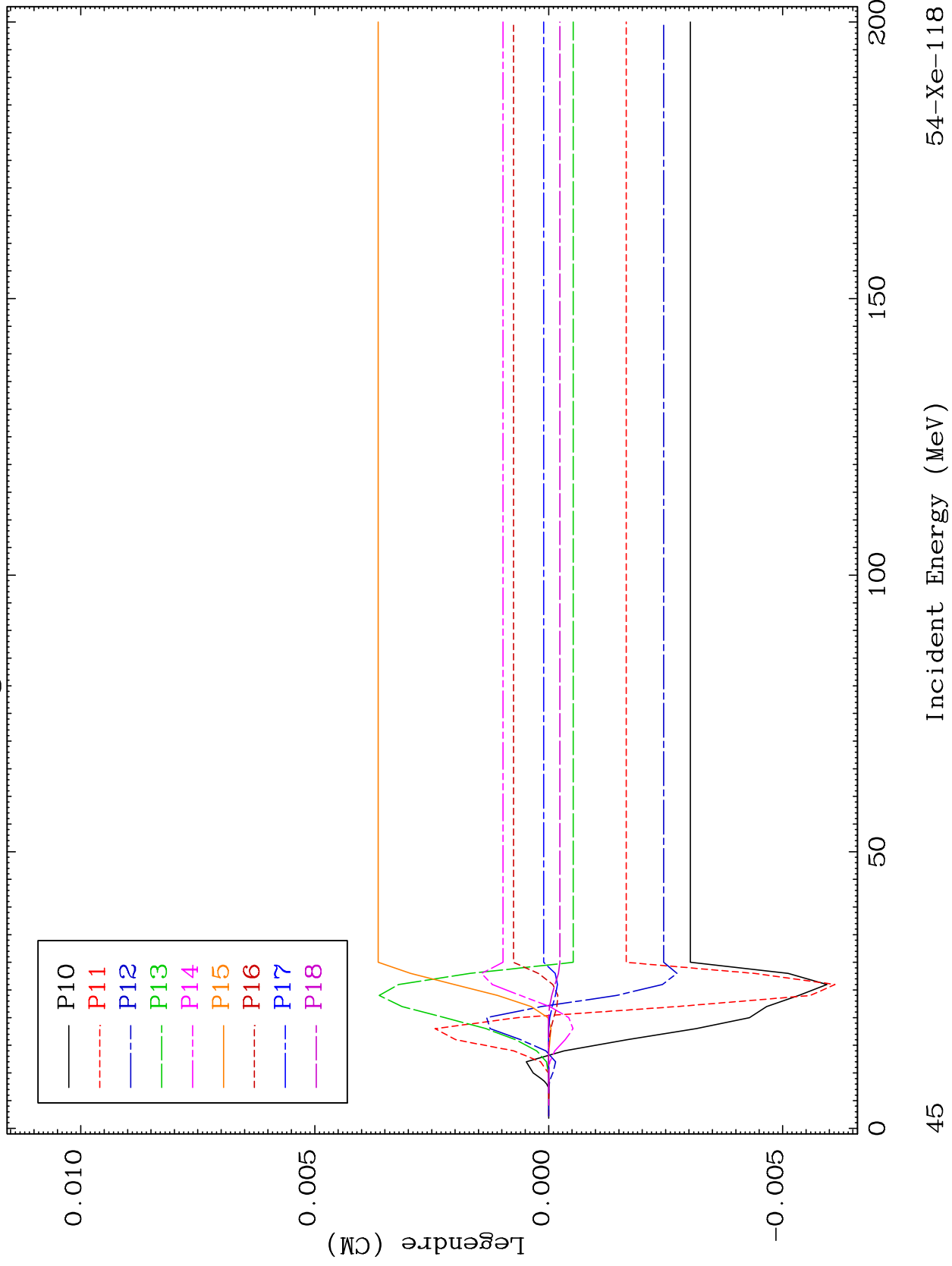
Incident Energy (MeV)

44

MAT 5407

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

54-Xe-118



54-Xe-118

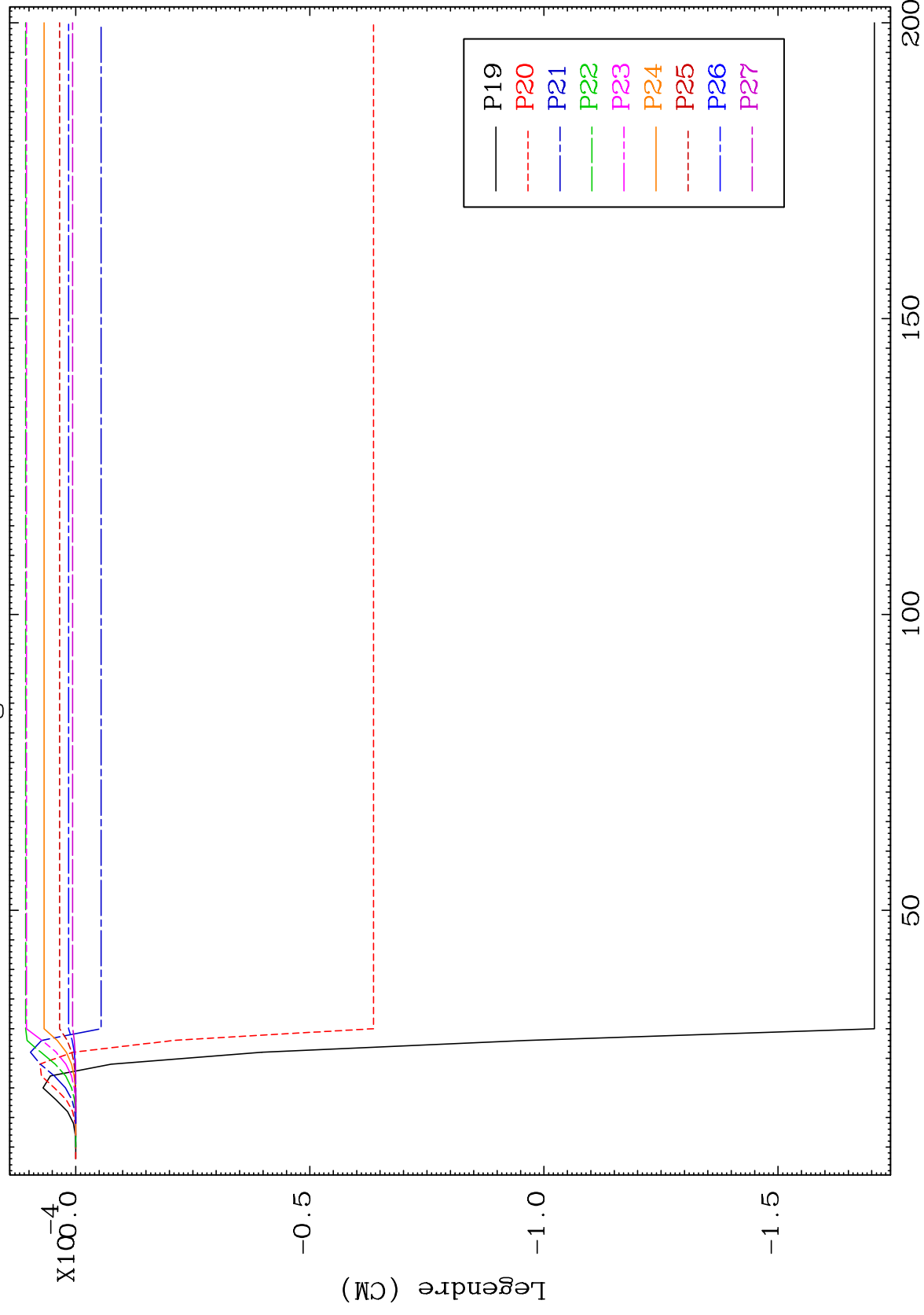
Incident Energy (MeV)

45

MAT 5407

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

54-Xe-118



46

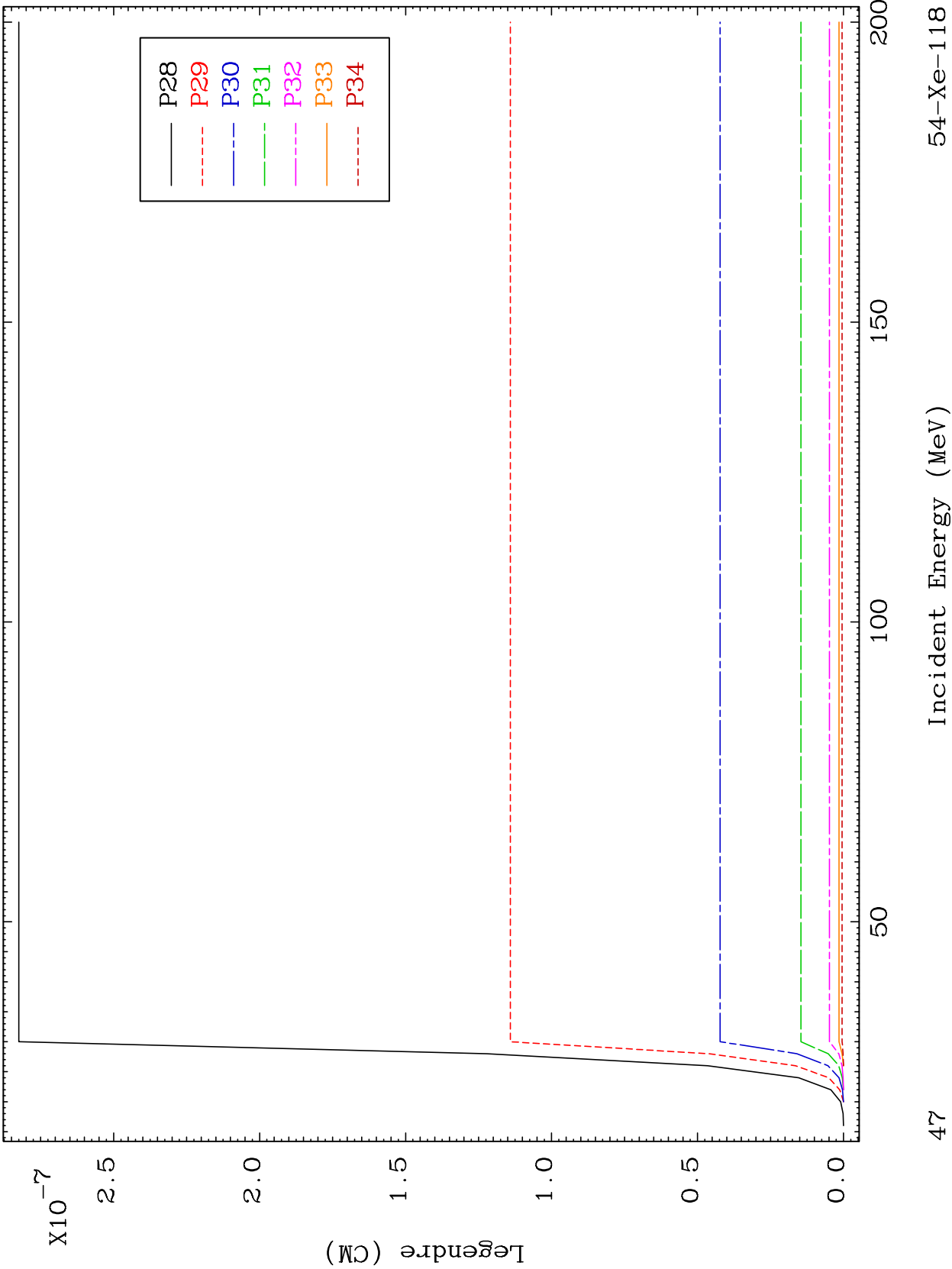
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



47

Incident Energy (MeV)

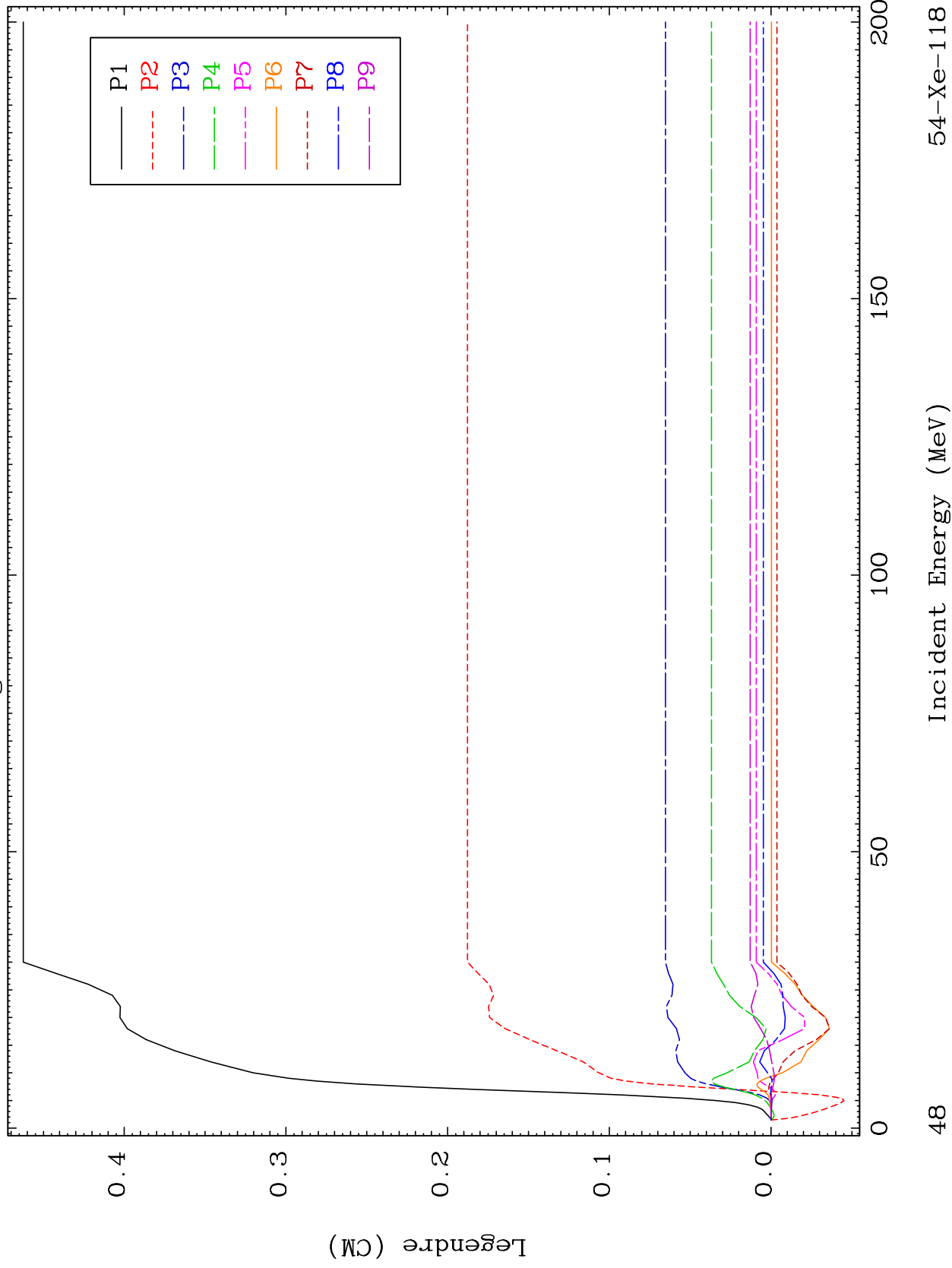
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

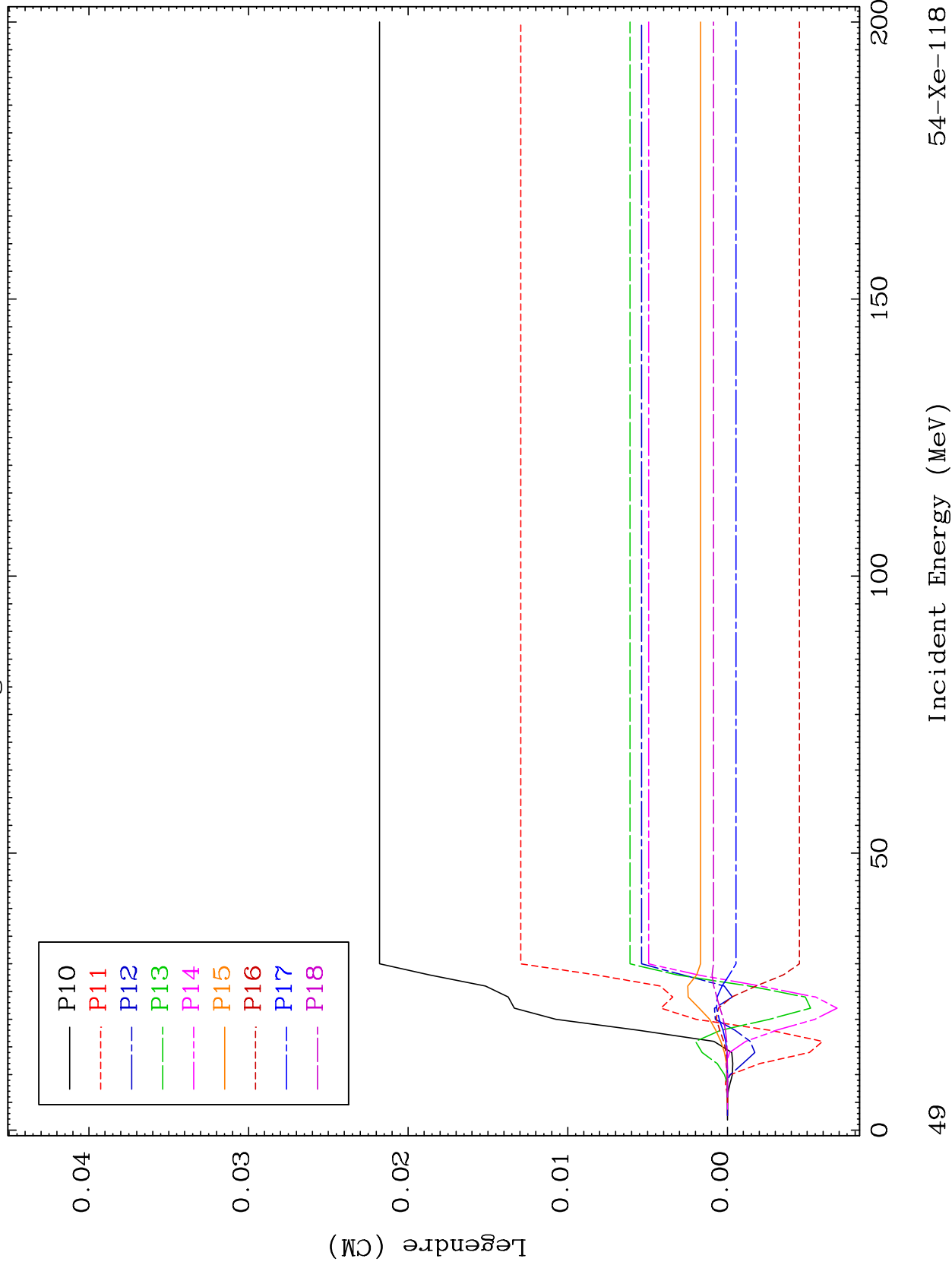
Incident Energy (MeV)

48

MAT 5407

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

54-Xe-118



49

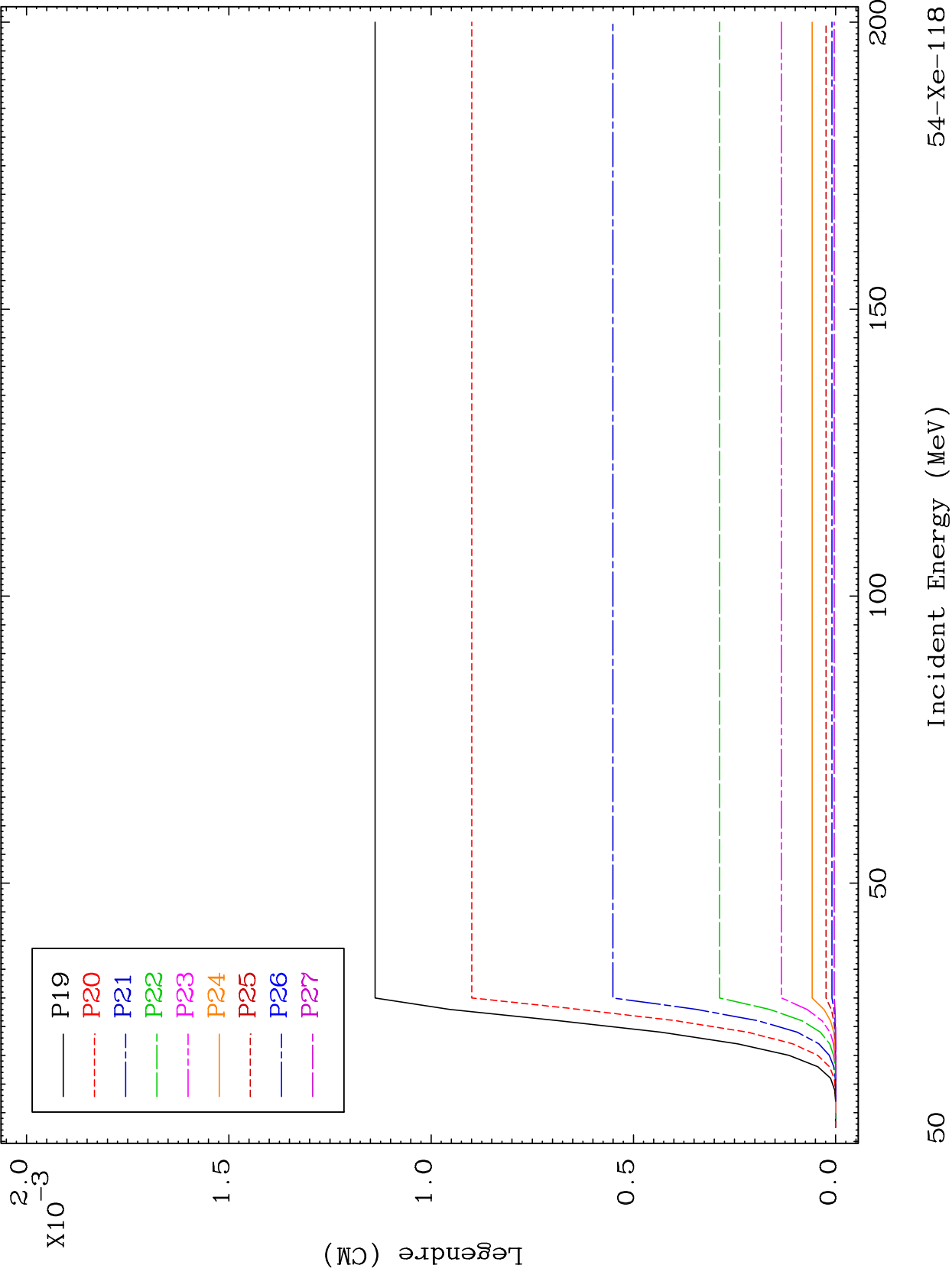
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

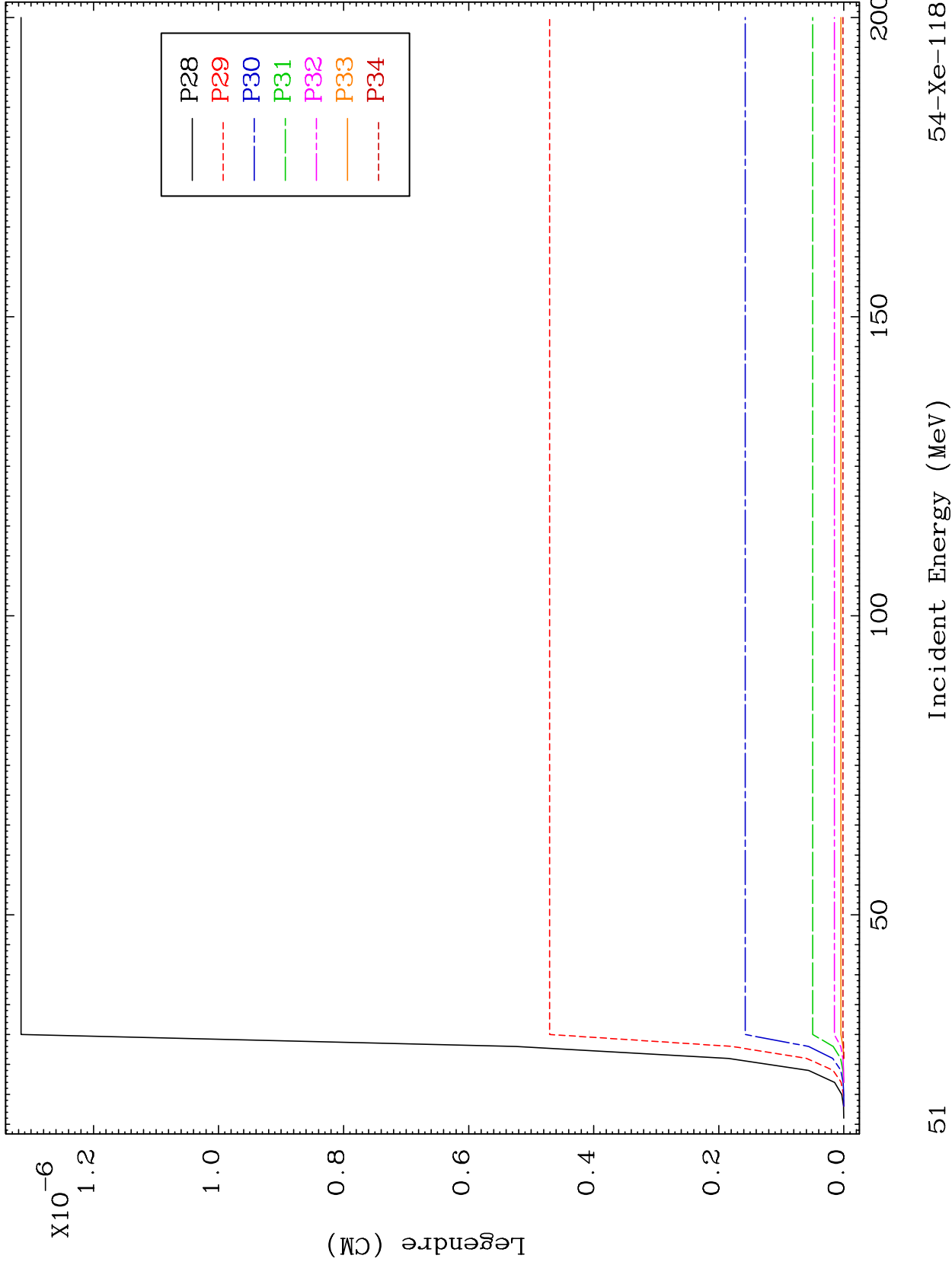
54-Xe-118



MAT 5407

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

54-Xe-118

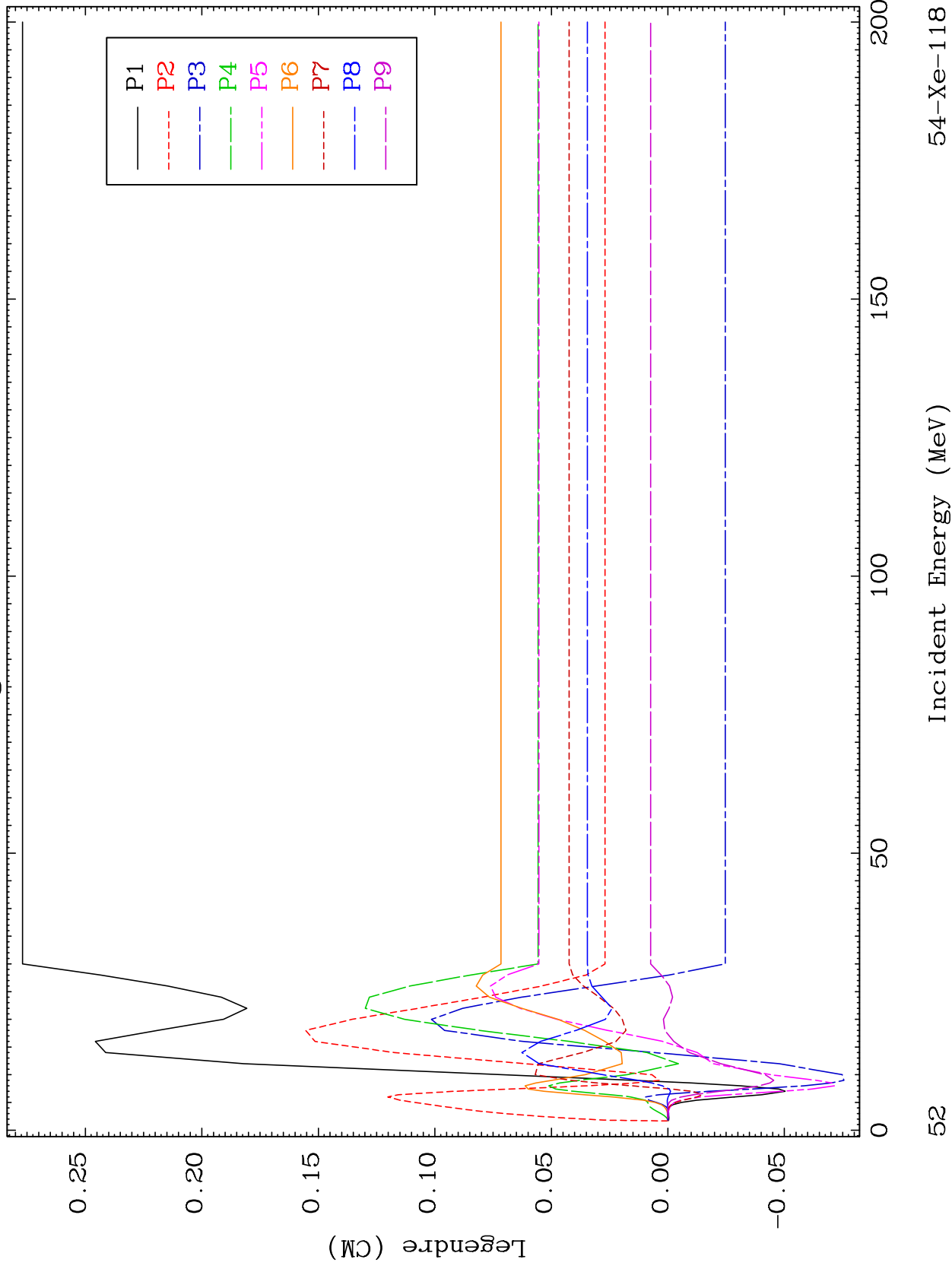


51

MAT 5407

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

54-Xe-118



54-Xe-118

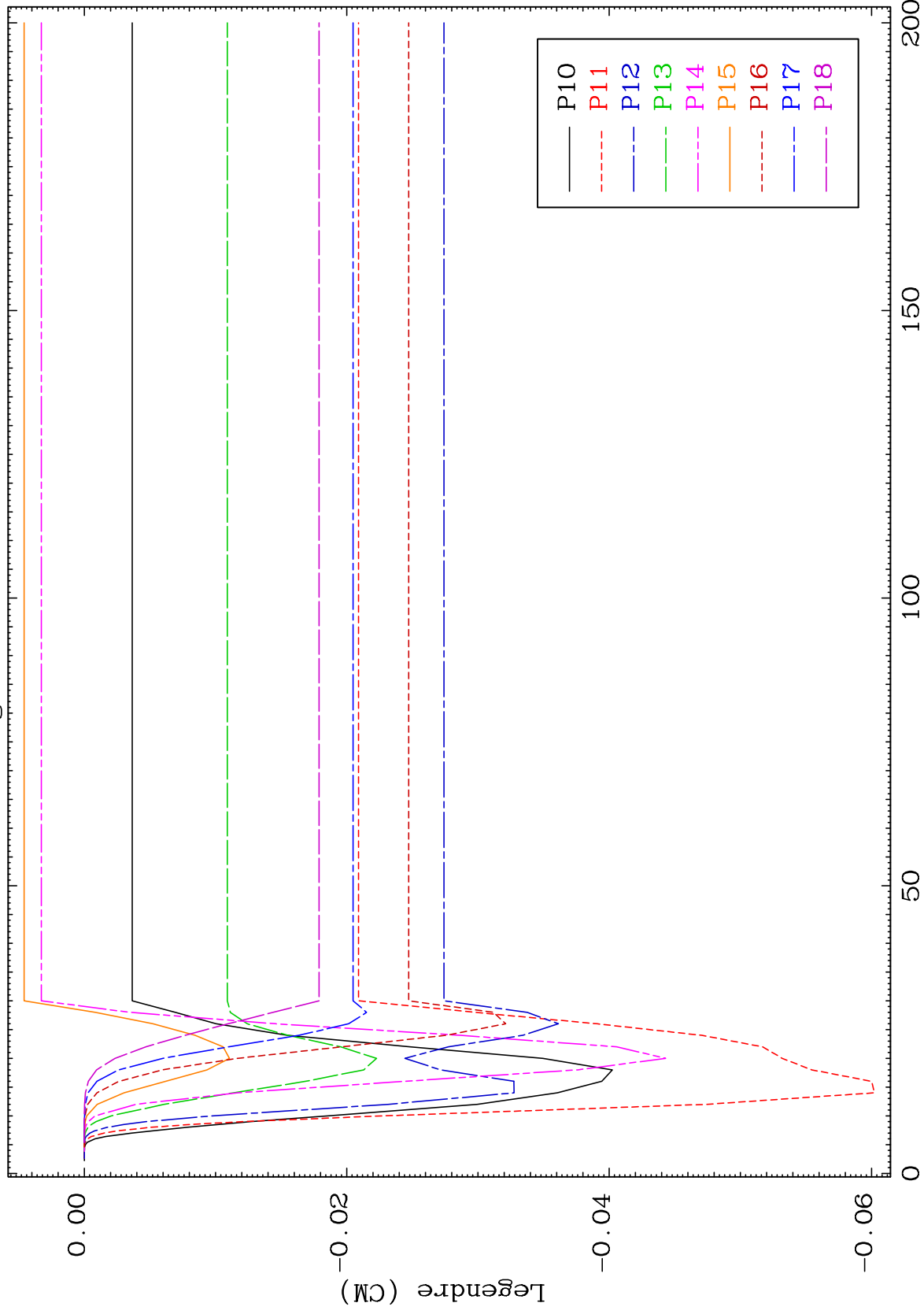
Incident Energy (MeV)

52

MAT 5407

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

54-Xe-118



53

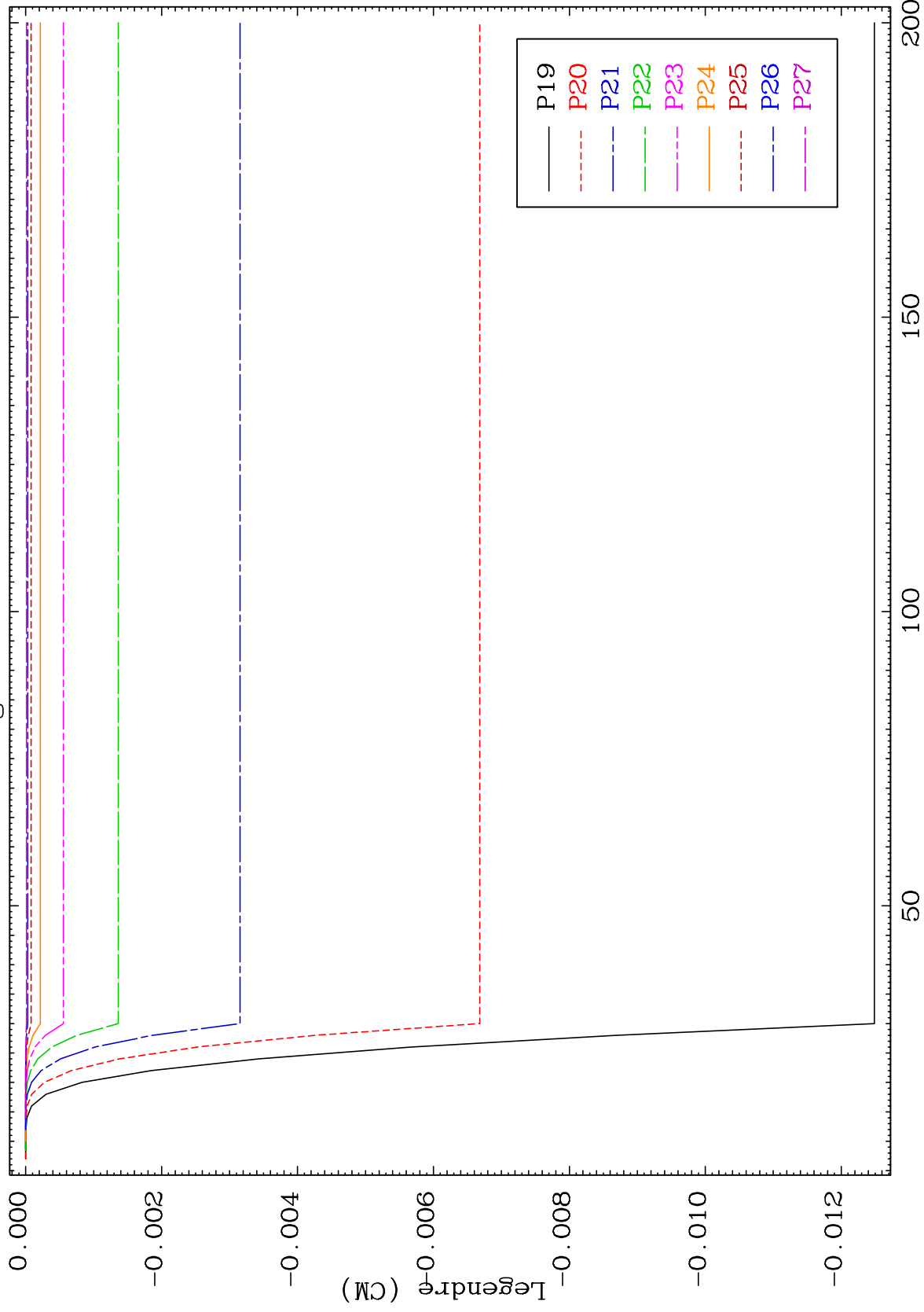
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



54

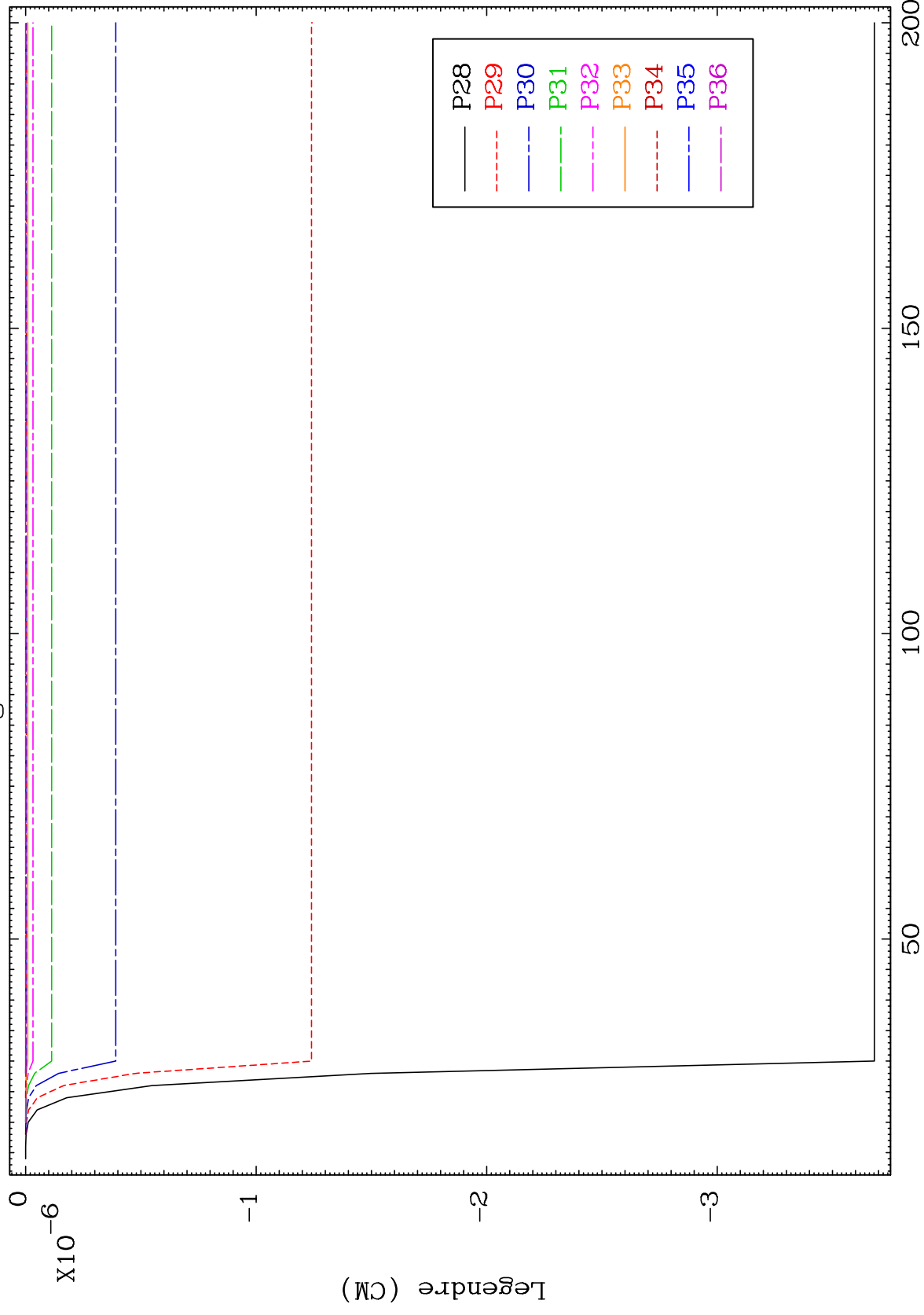
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



55

Incident Energy (MeV)

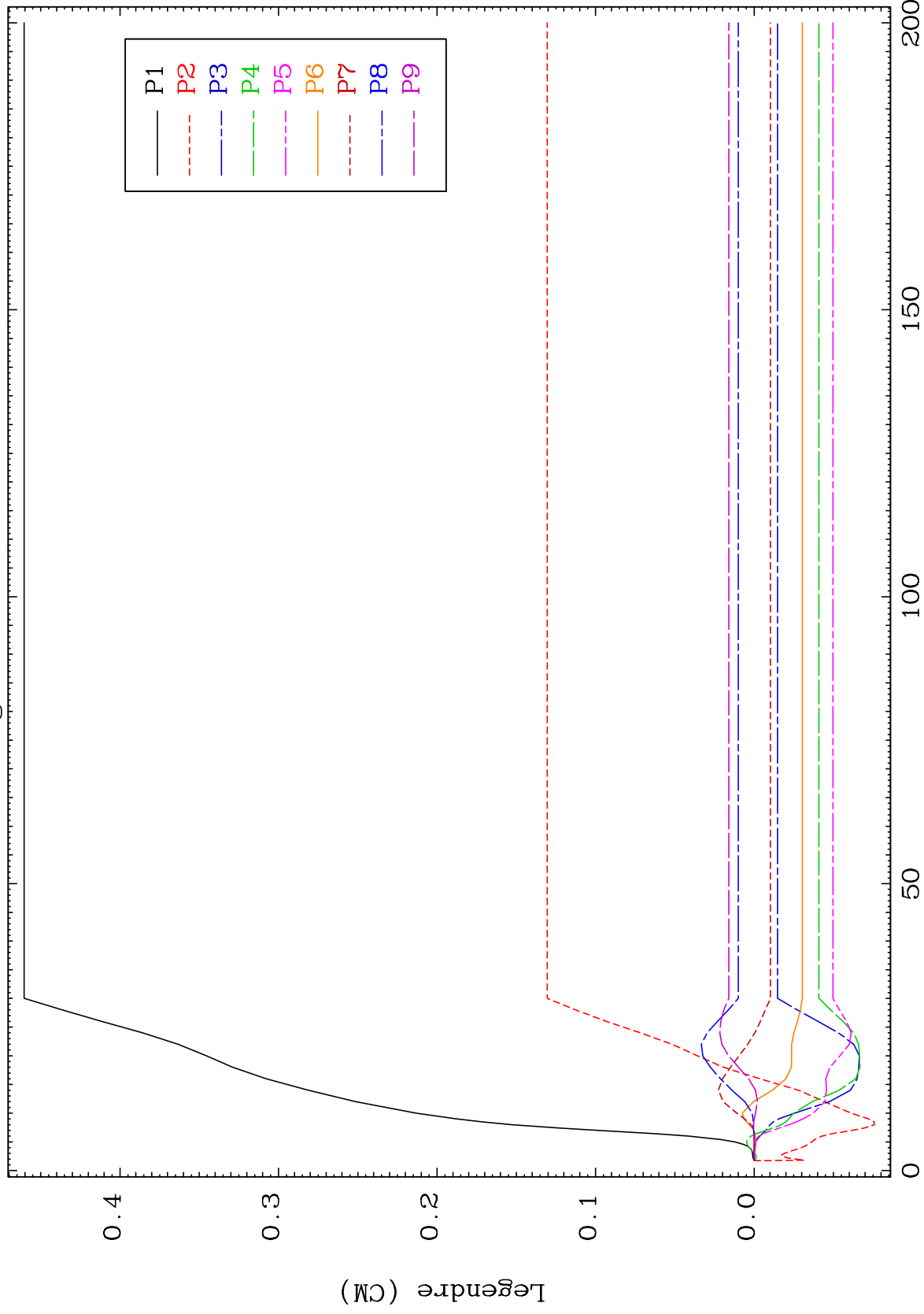
54-Xe-118



MAT 5407

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

54-Xe-118



56

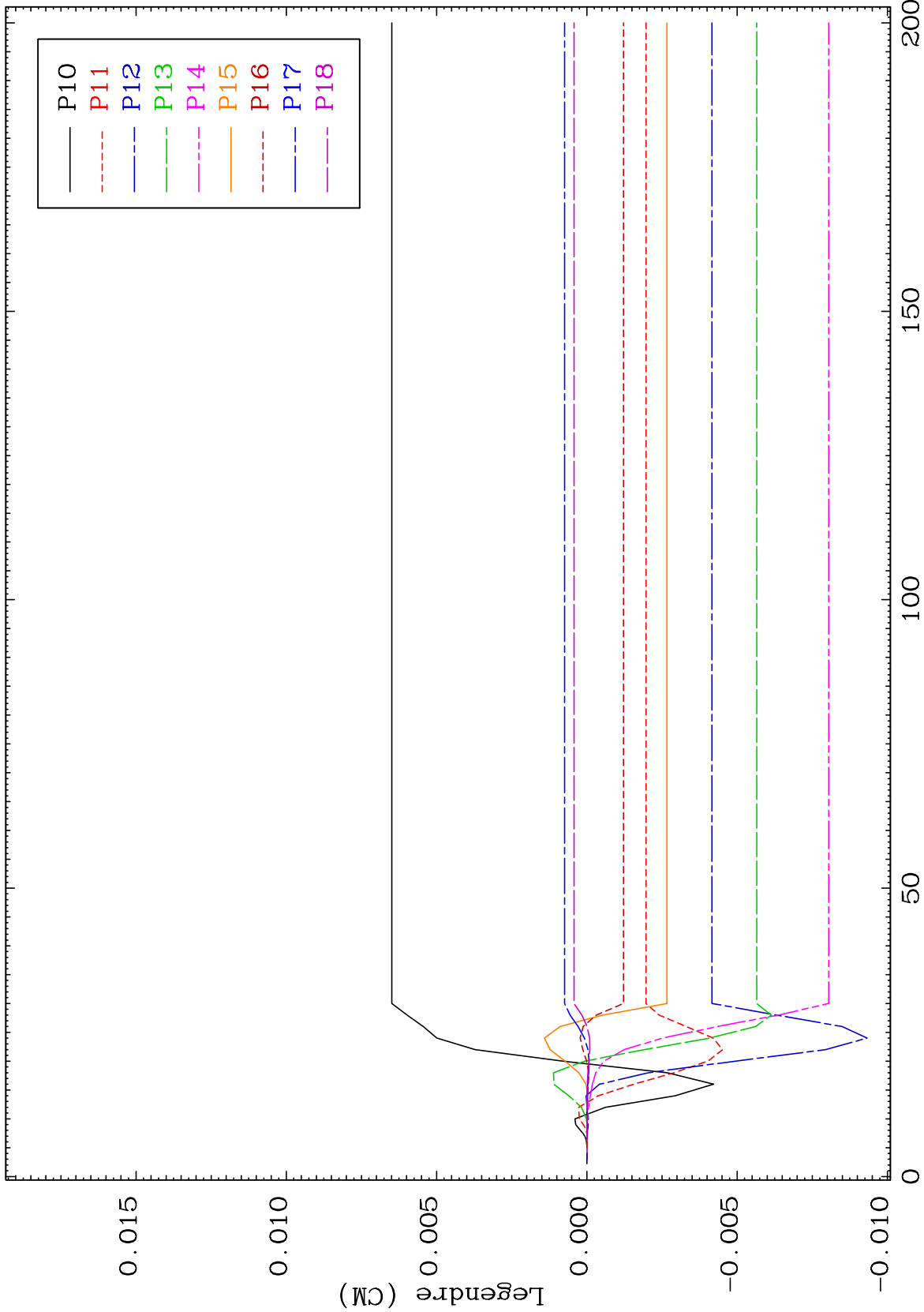
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

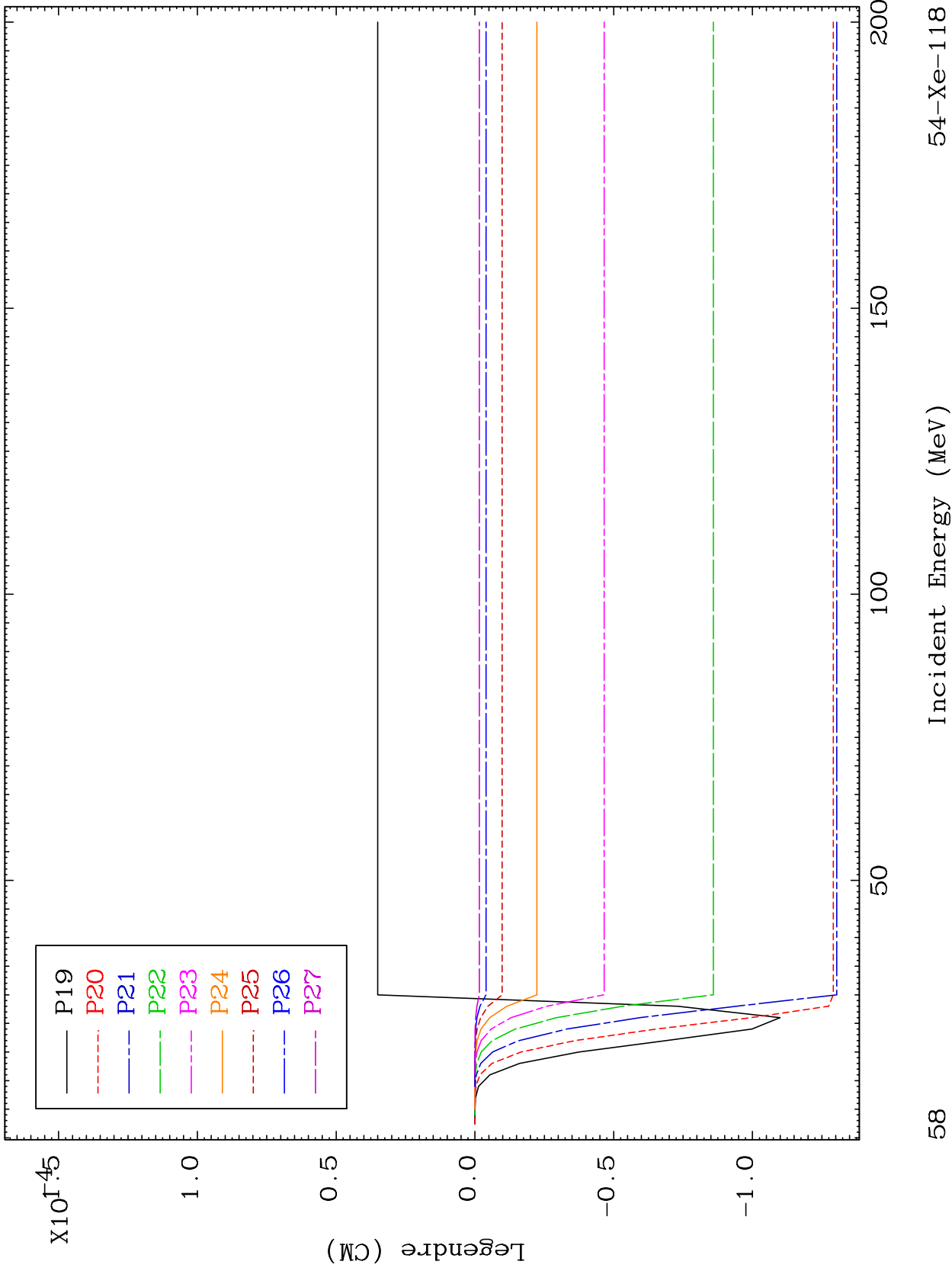
54-Xe-118



57

Incident Energy (MeV)

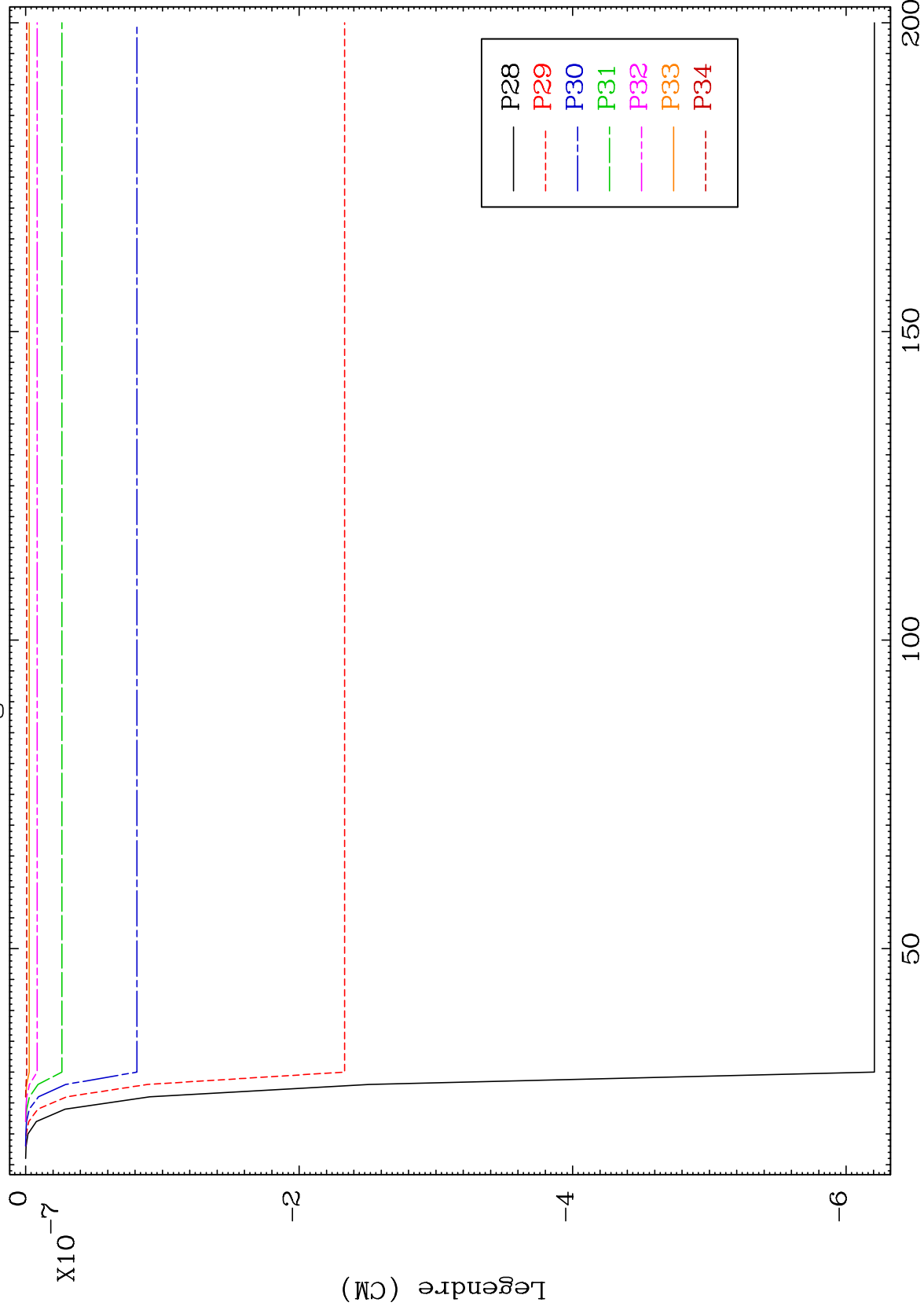
54-Xe-118



MAT 5407

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

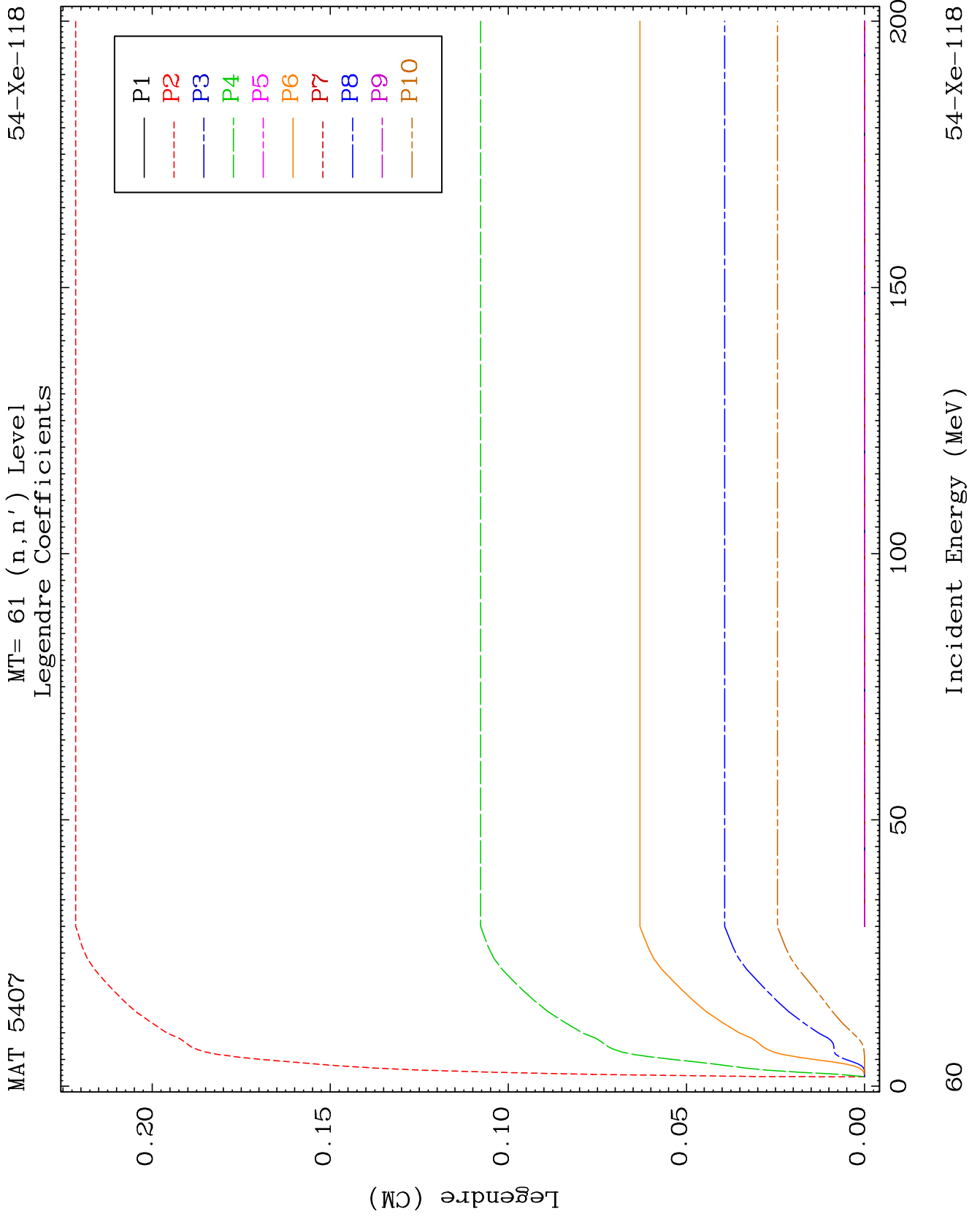
54-Xe-118



59

Incident Energy (MeV)

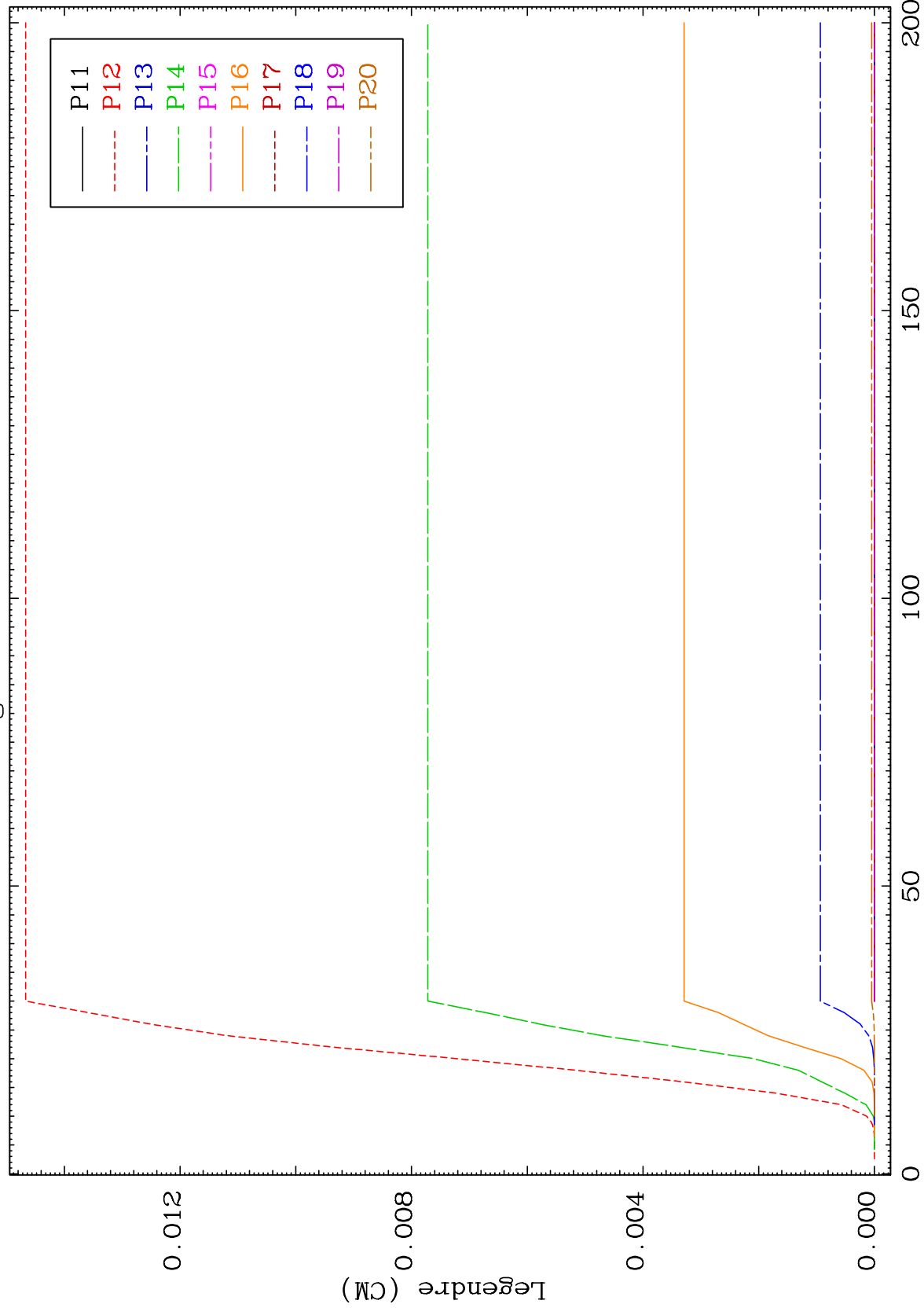
54-Xe-118



MAT 5407

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

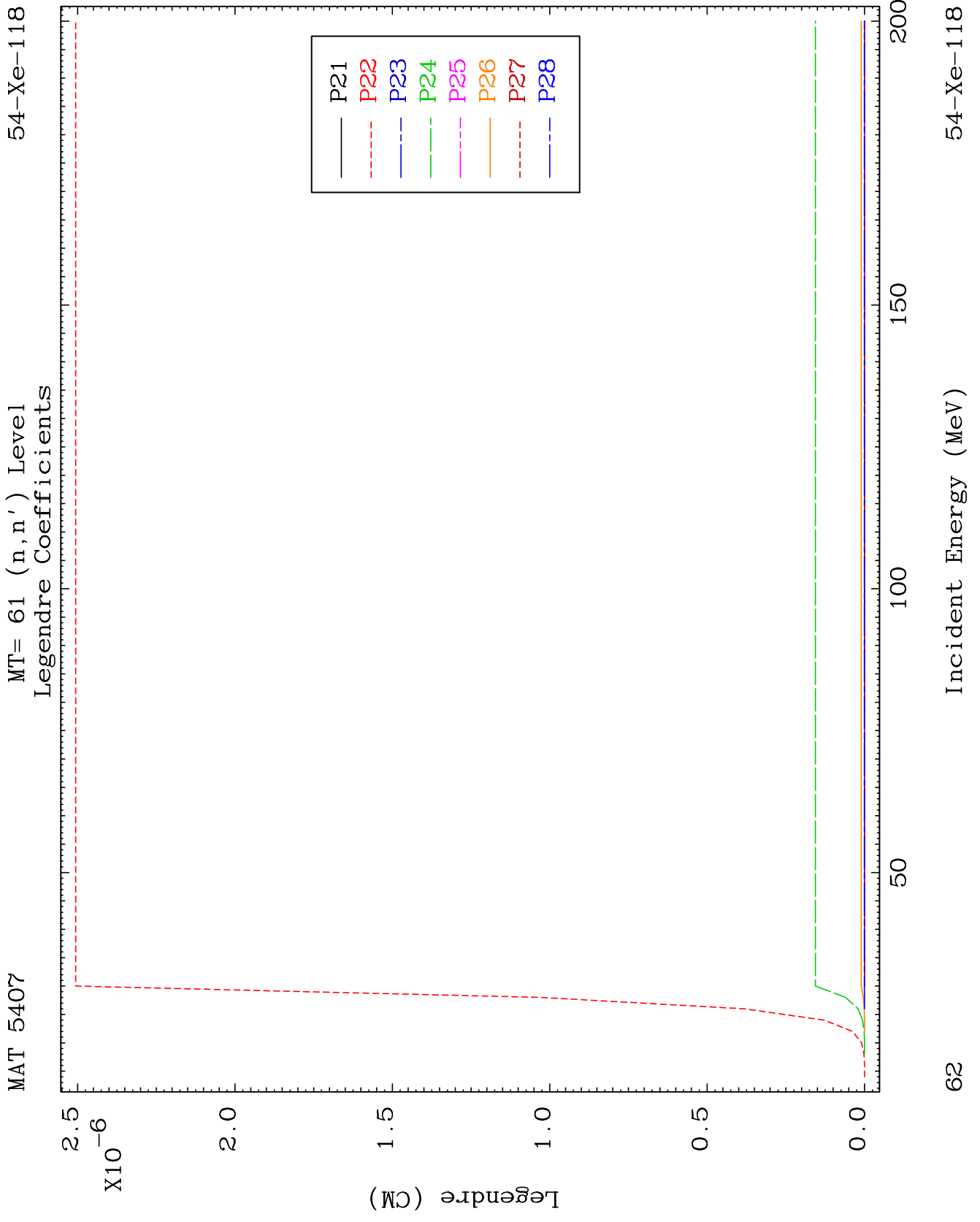
54-Xe-118



61

Incident Energy (MeV)

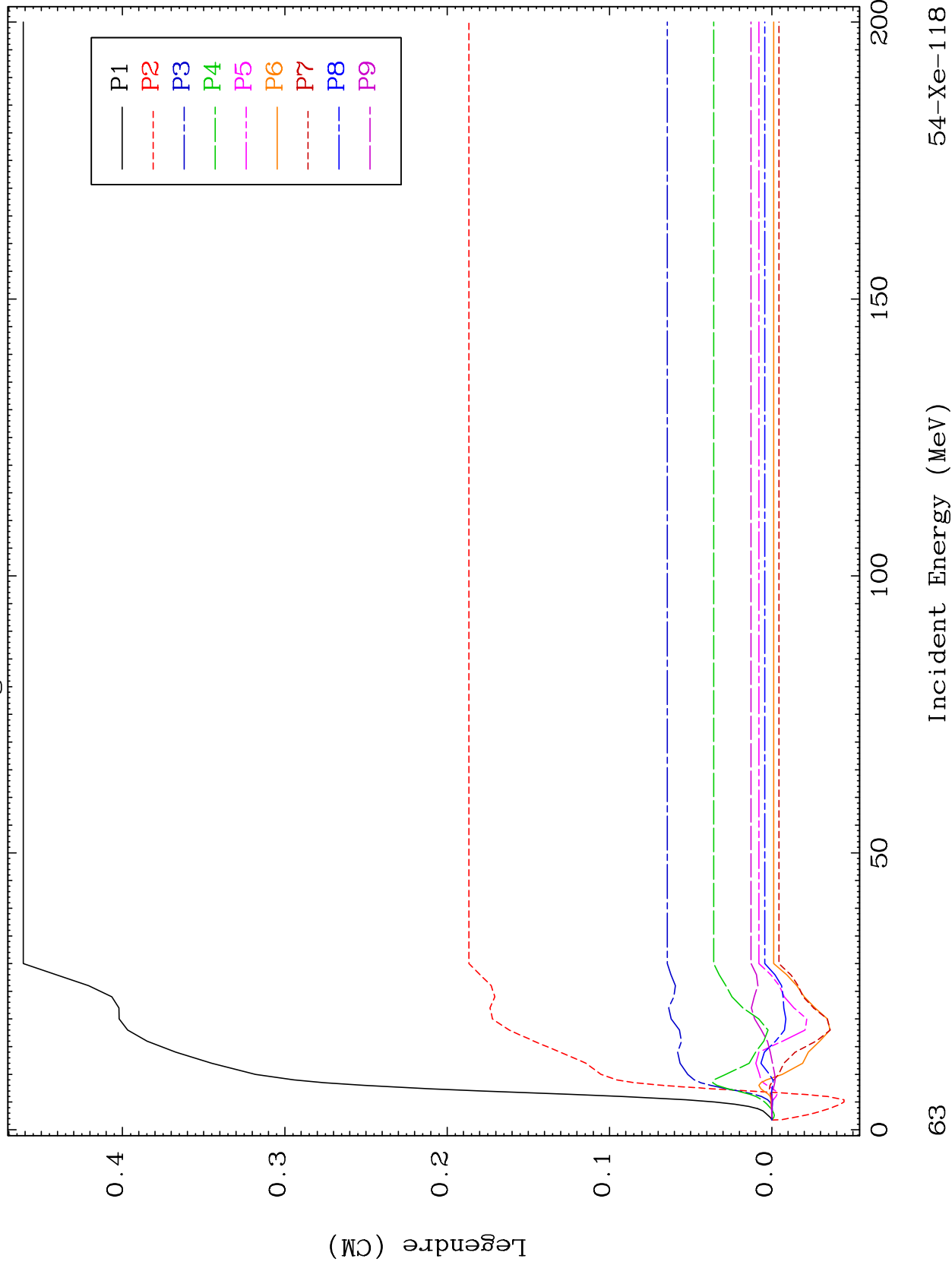
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

Incident Energy (MeV)

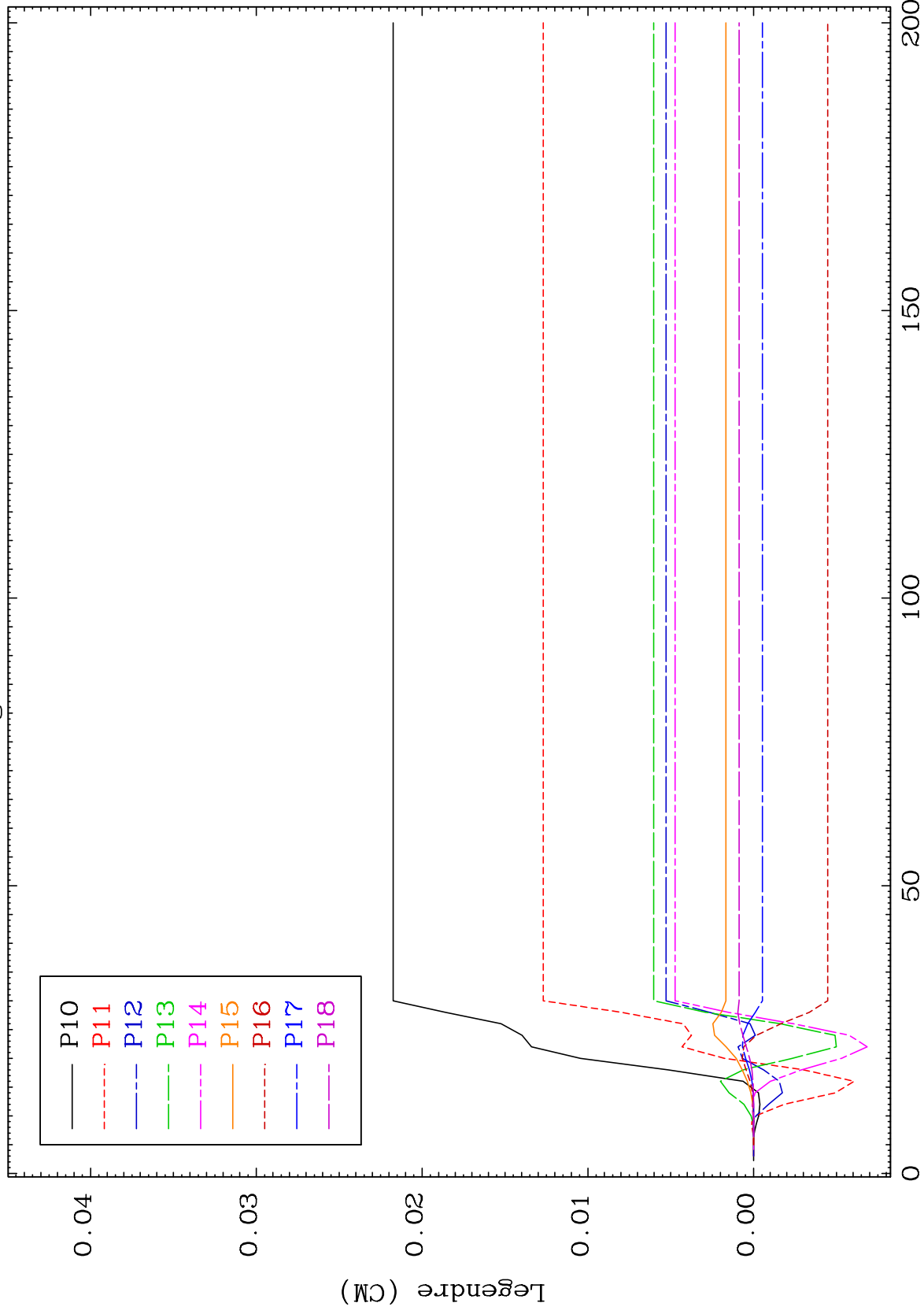
63



MAT 5407

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

54-Xe-118



64

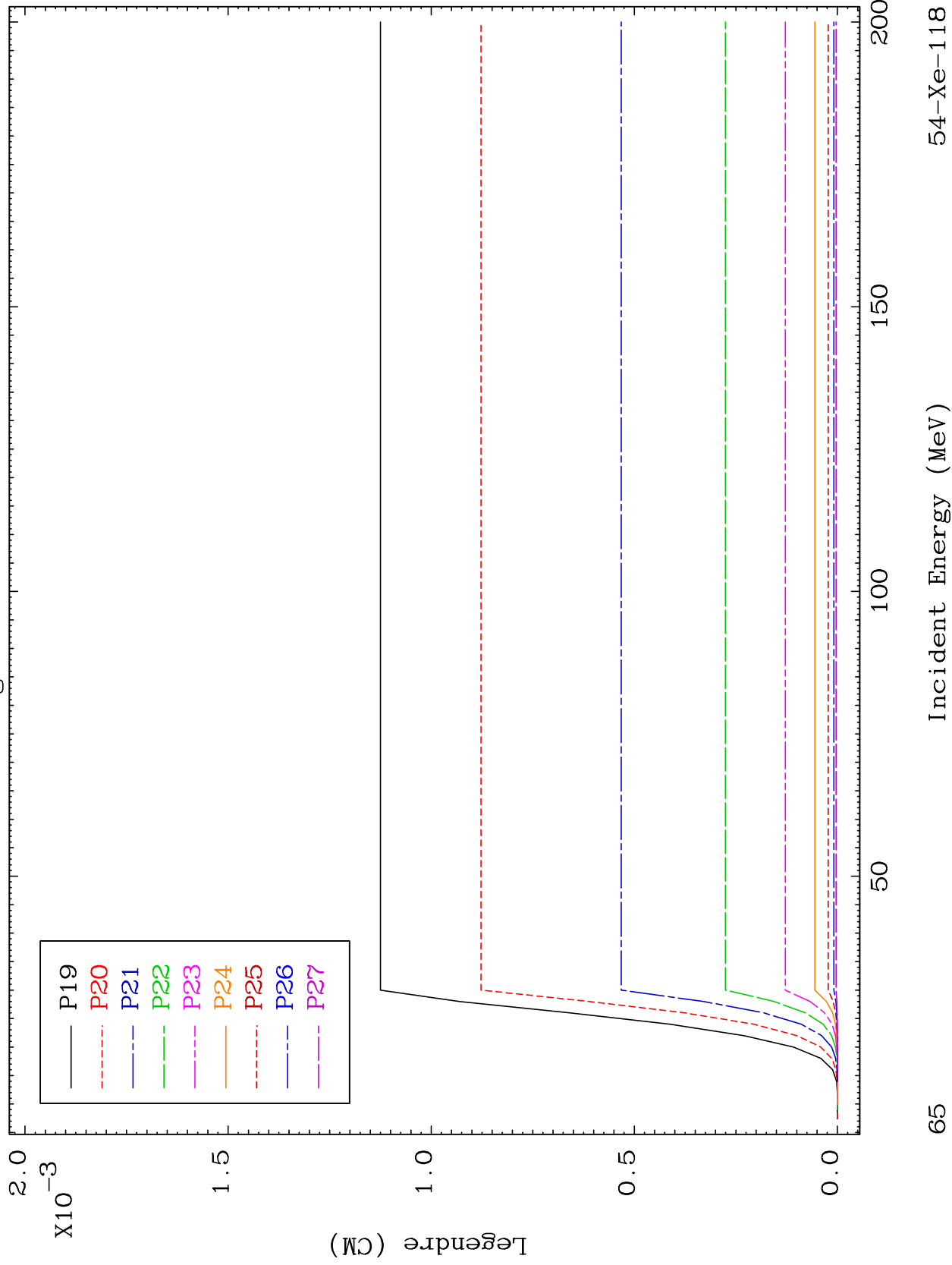
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



65

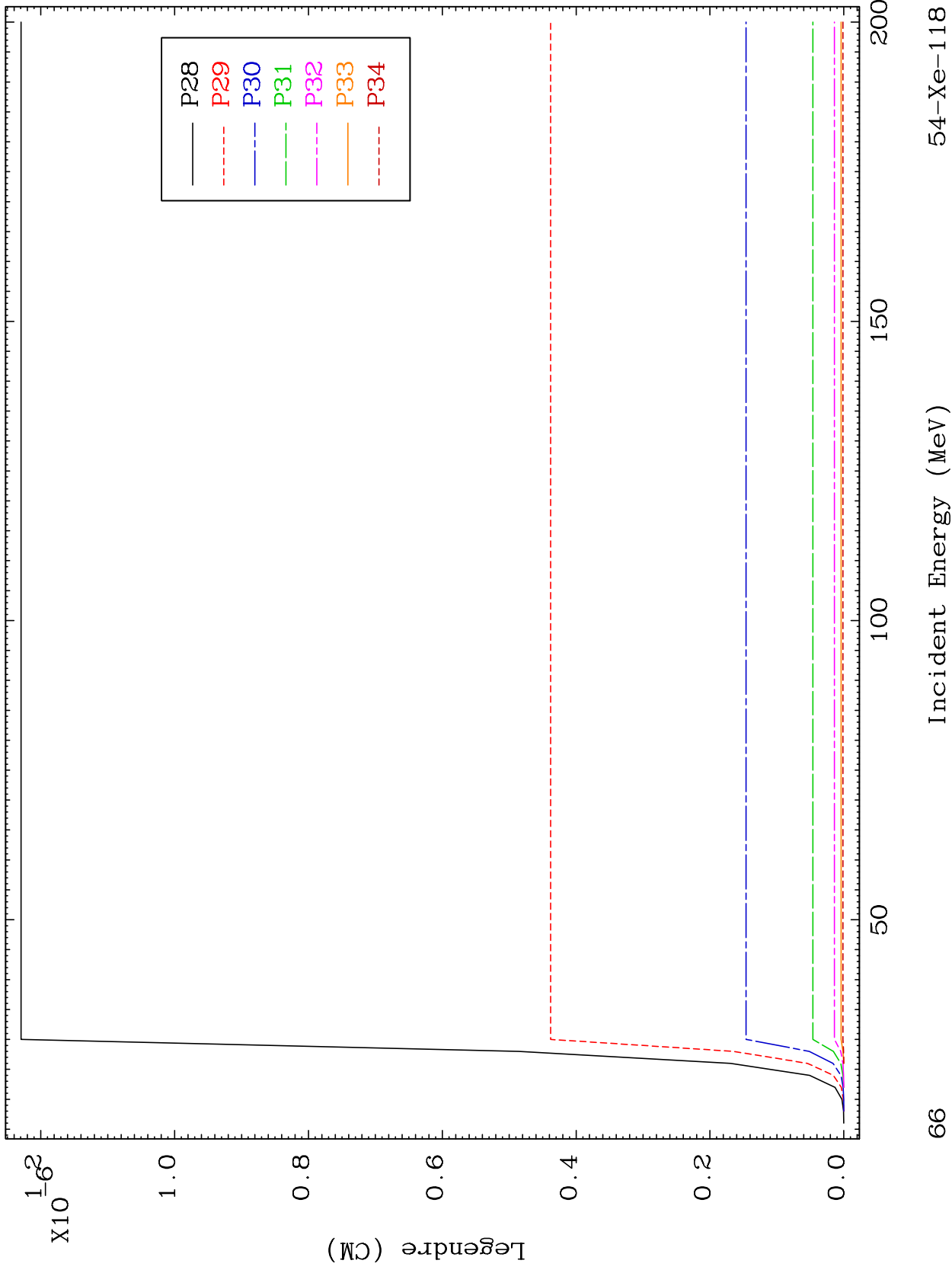
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

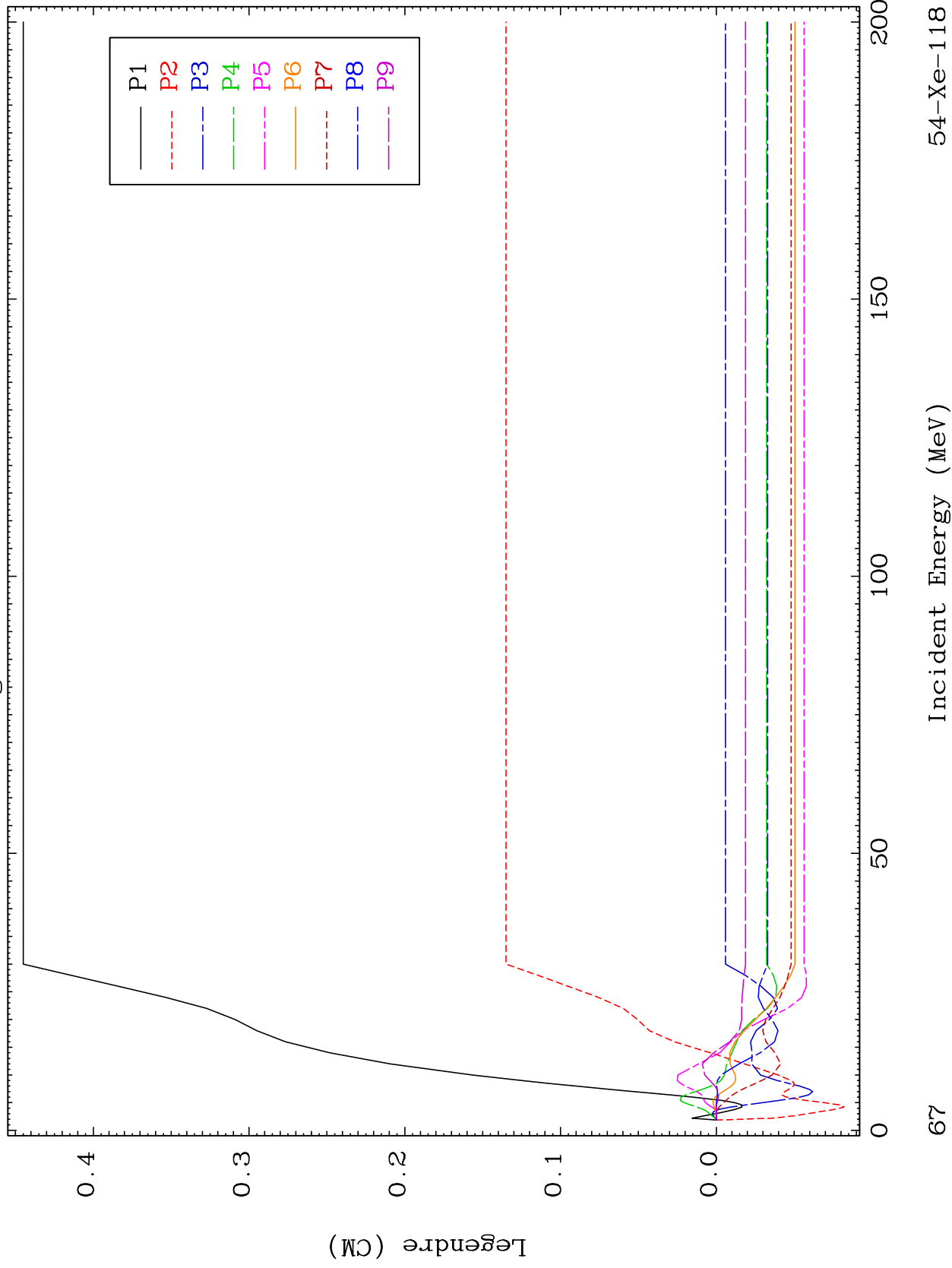
54-Xe-118



MAT 5407

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

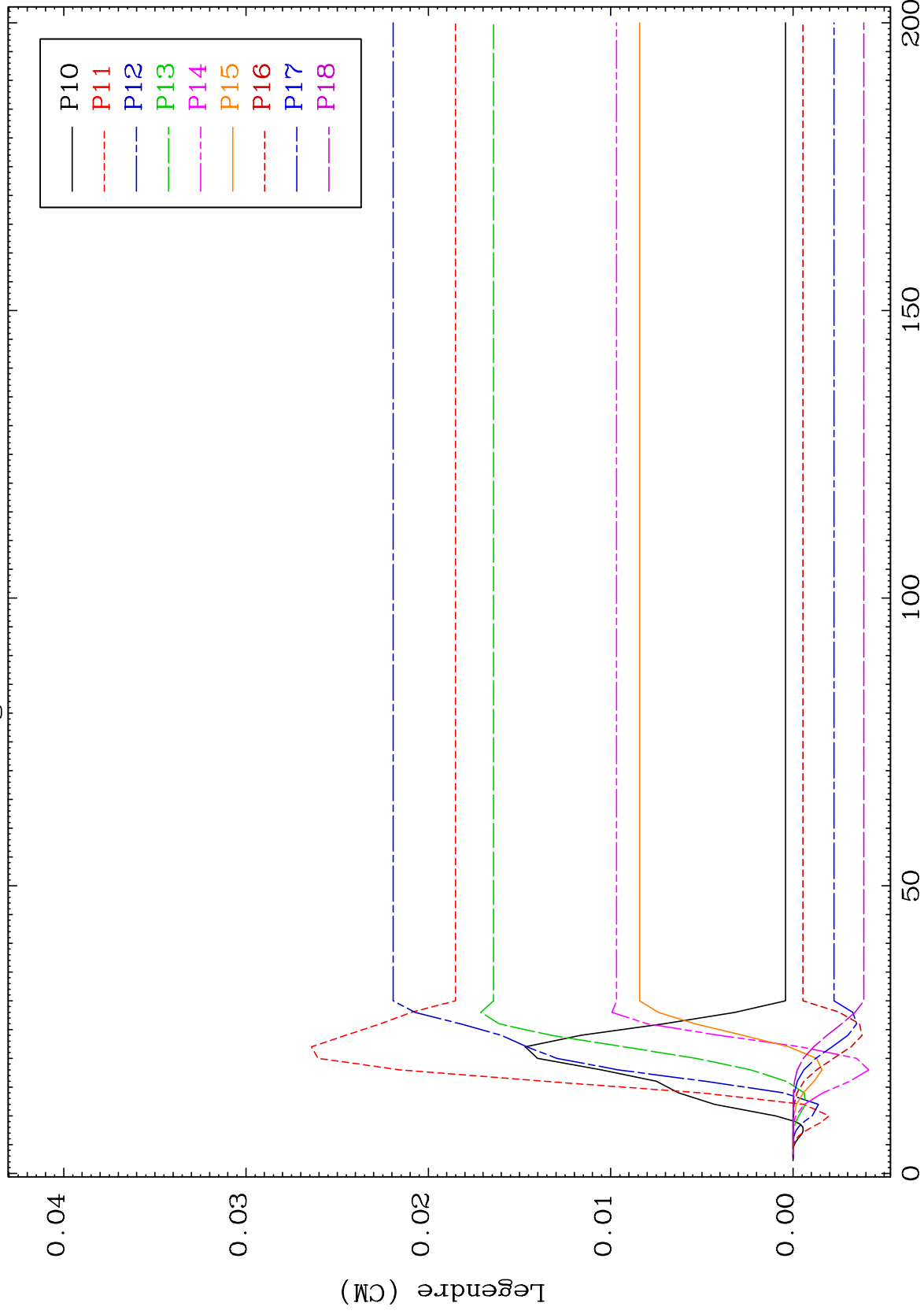
54-Xe-118



MAT 5407

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

54-Xe-118



68

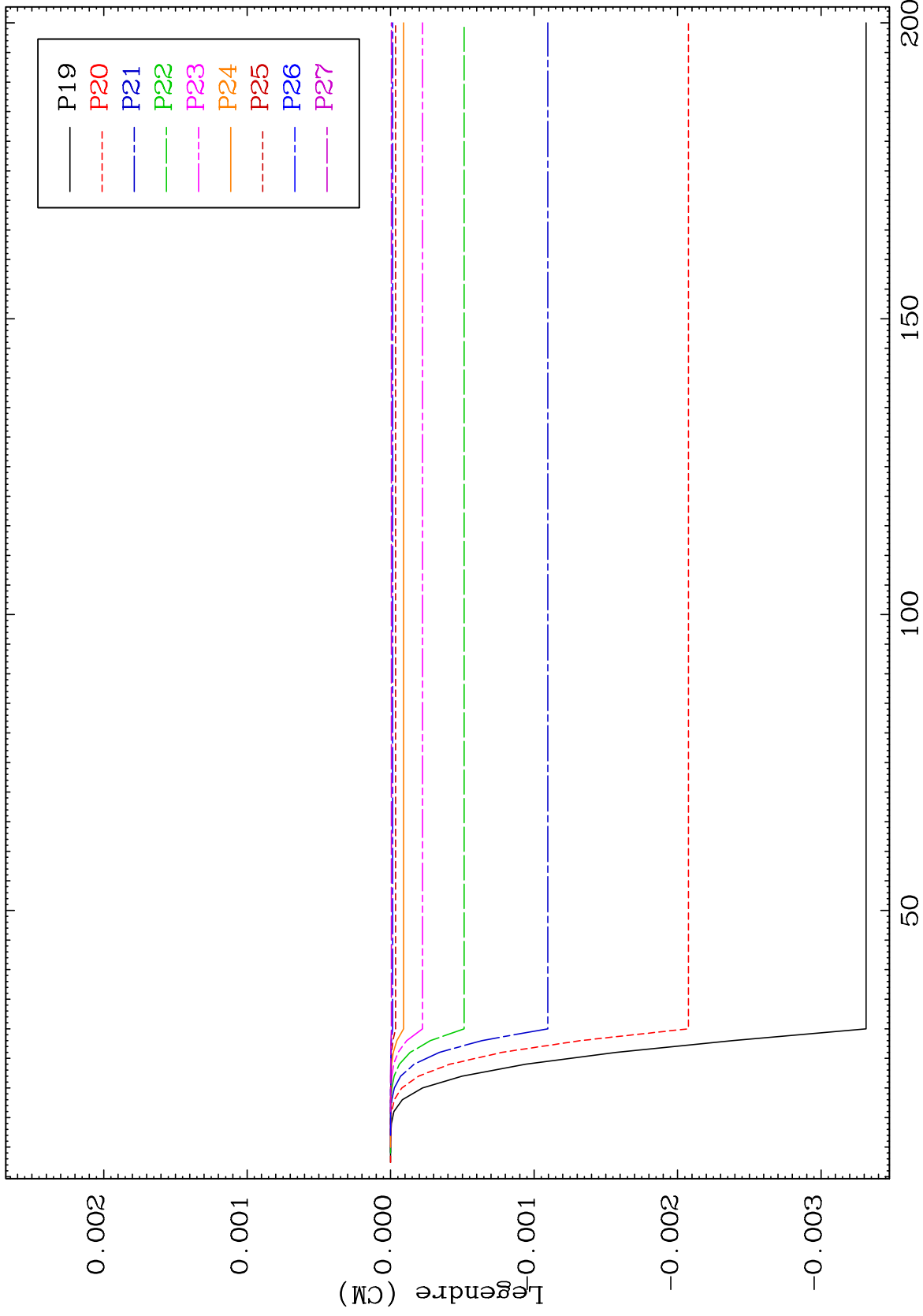
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

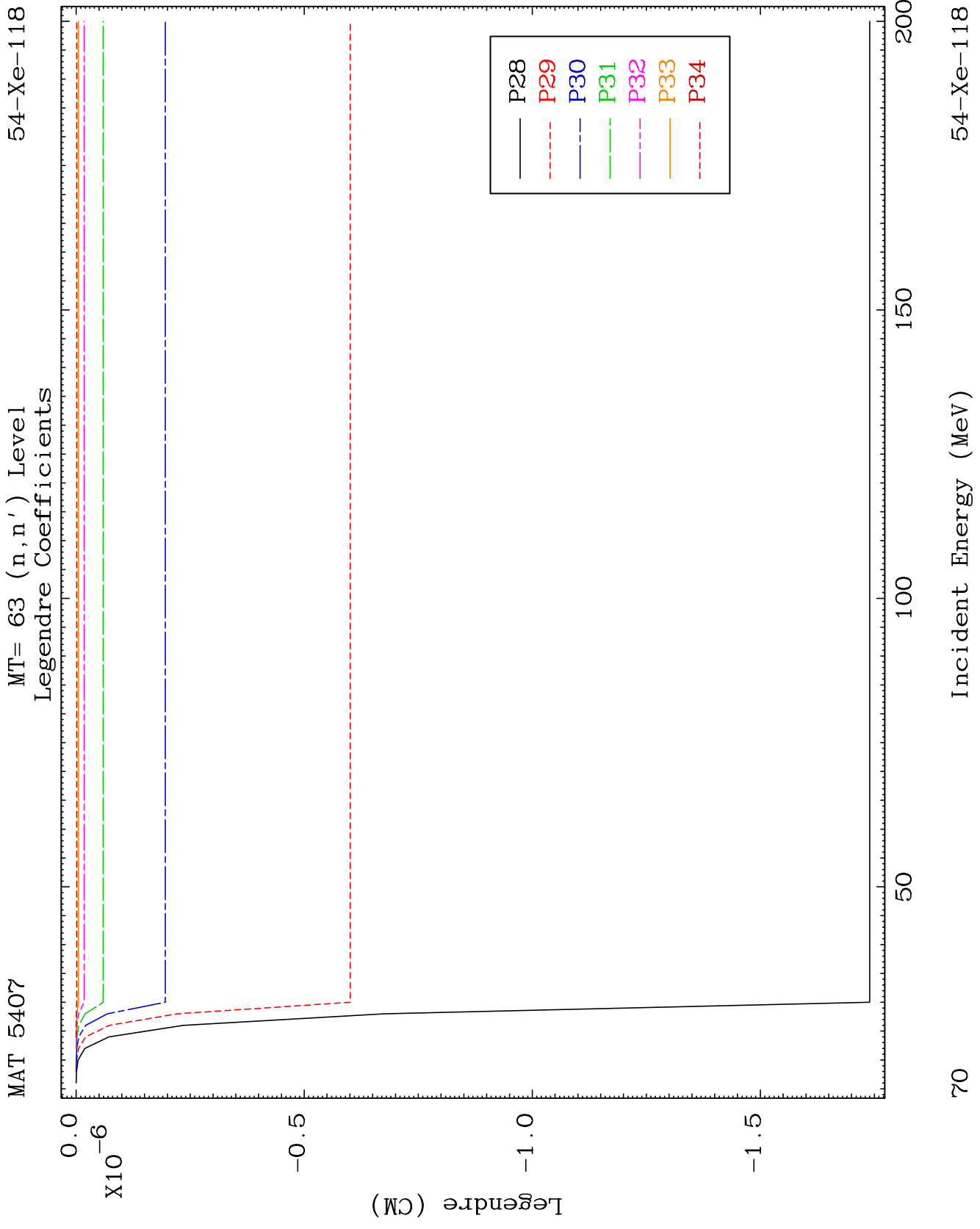
54-Xe-118



69

Incident Energy (MeV)

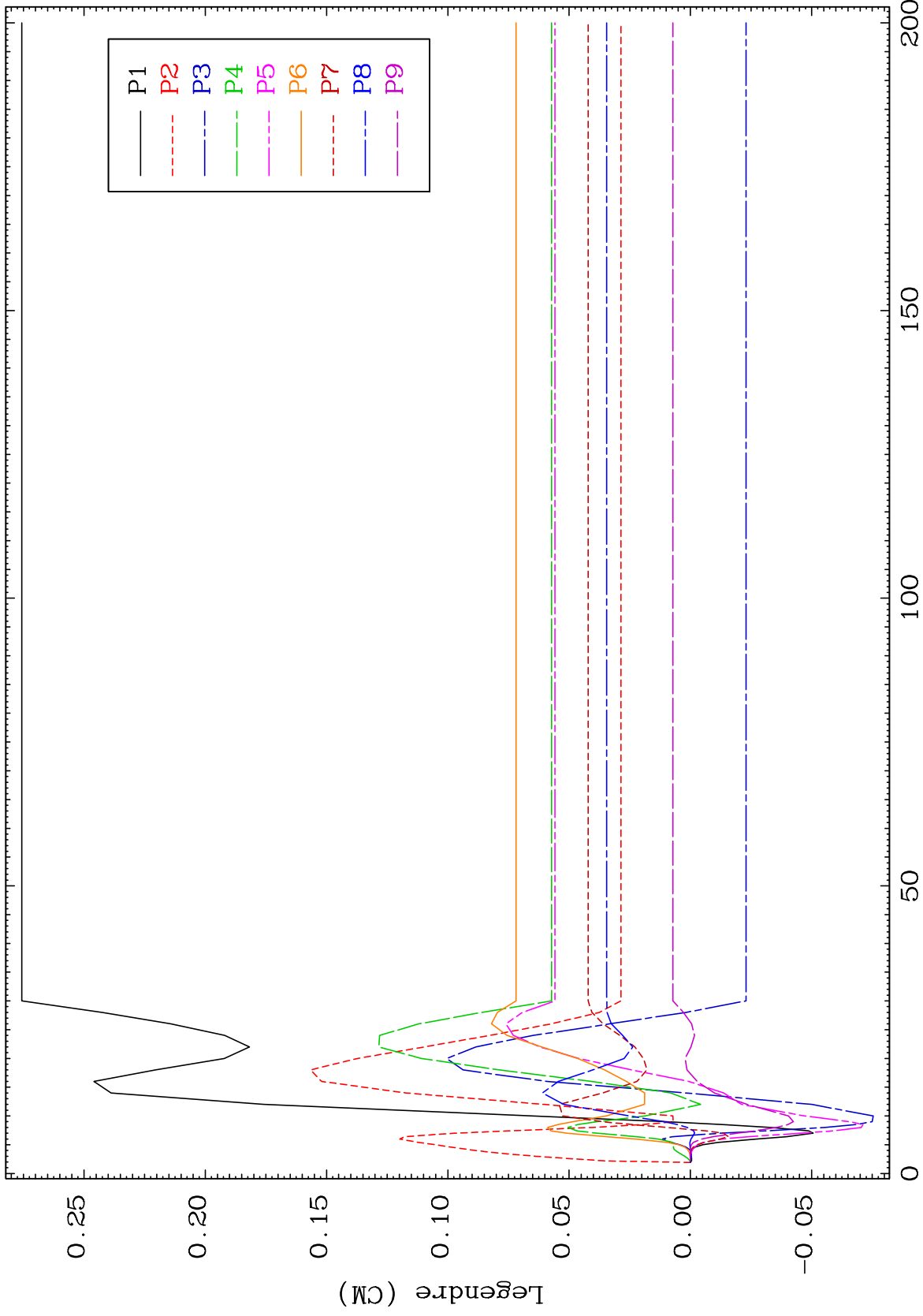
54-Xe-118



MAT 5407

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

54-Xe-118



71

Incident Energy (MeV)

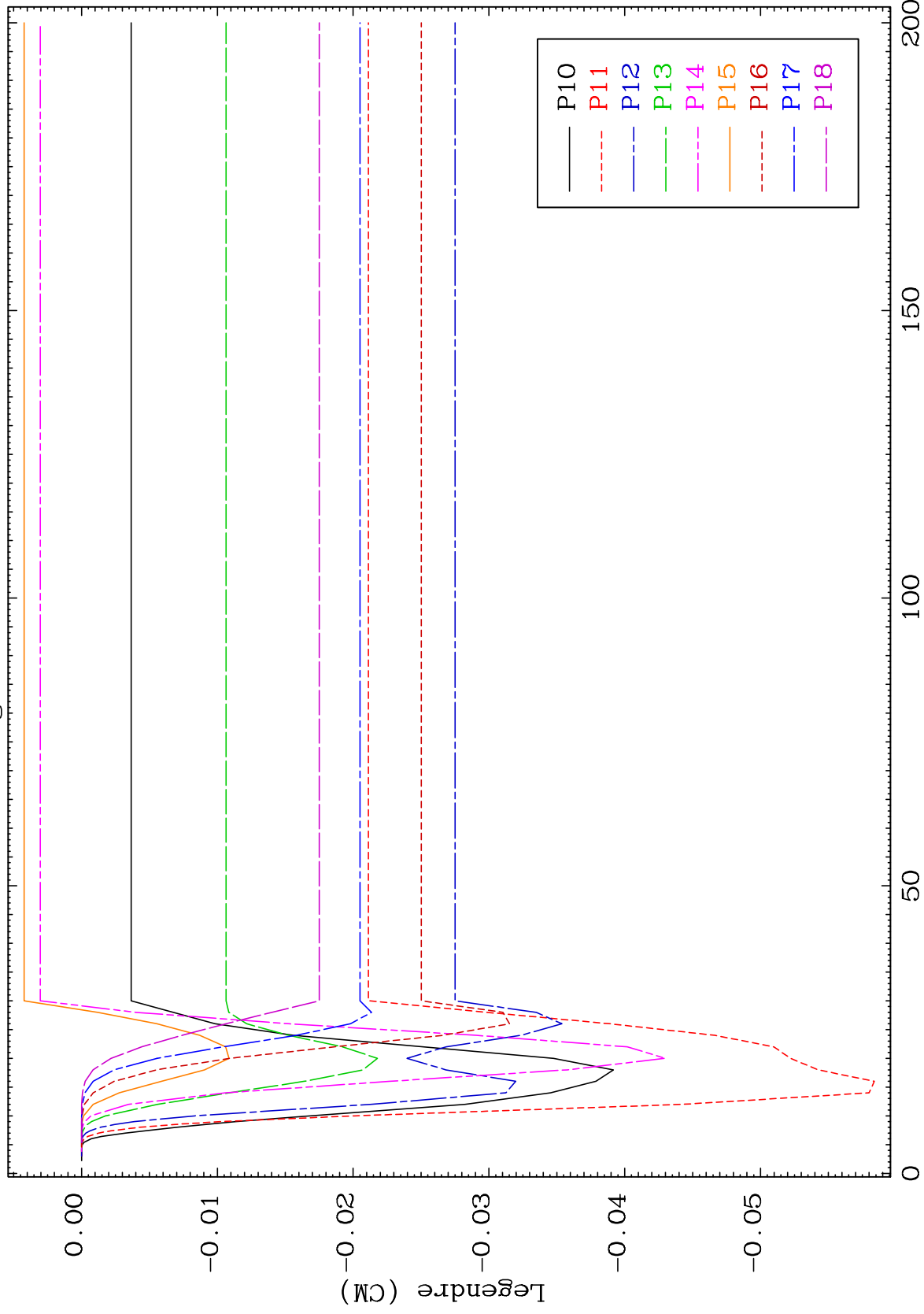
54-Xe-118



MAT 5407

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

54-Xe-118



72

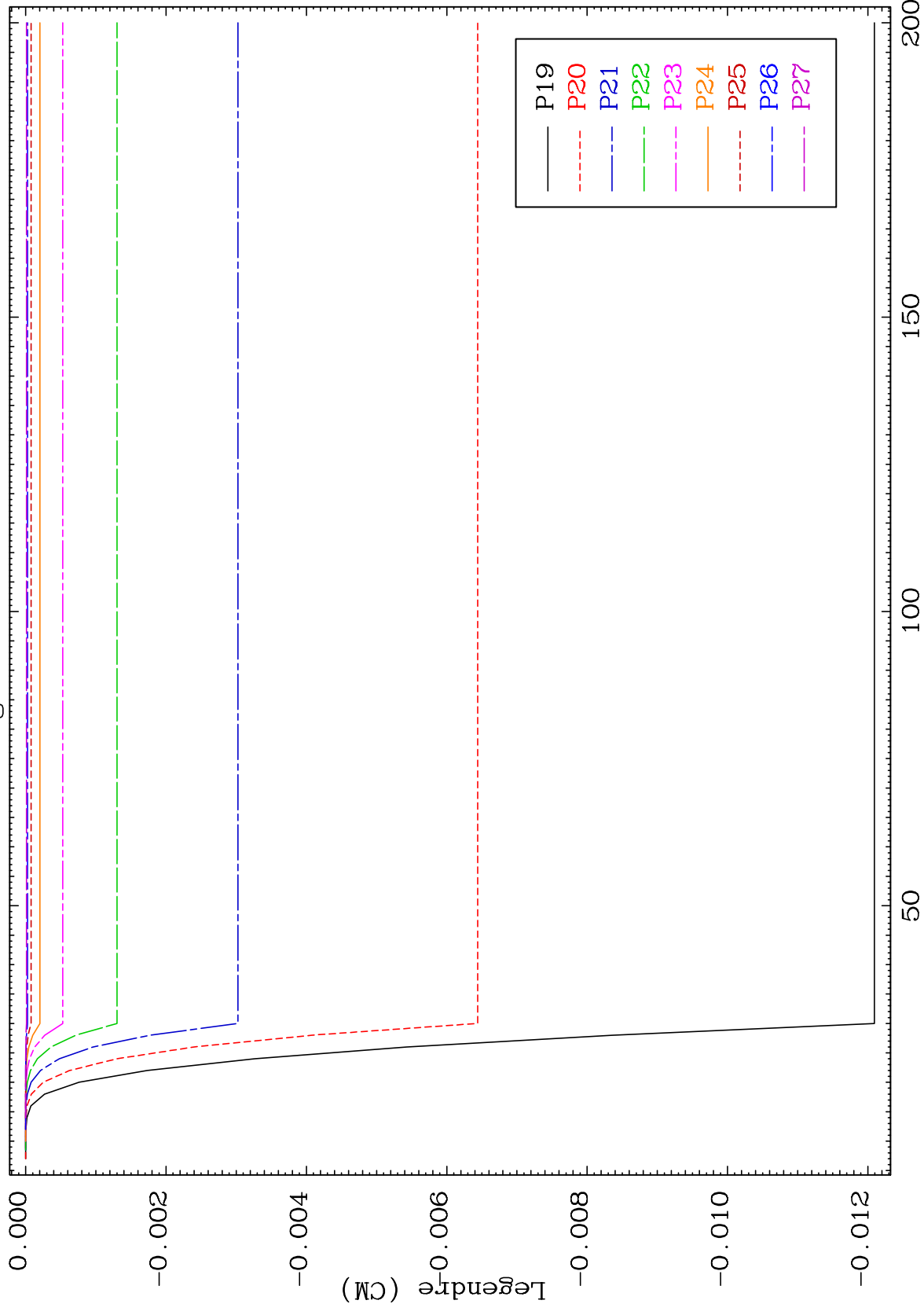
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

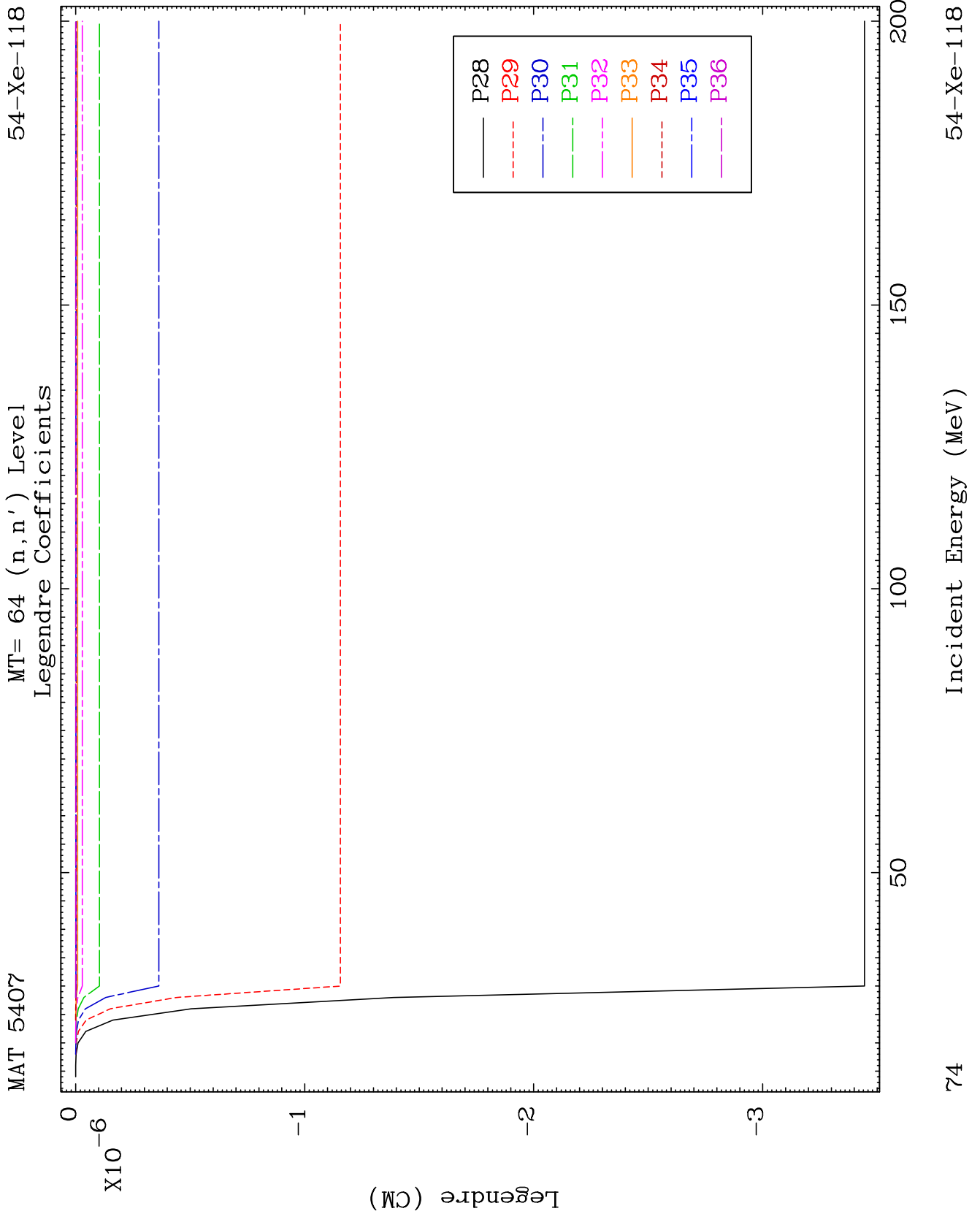
54-Xe-118



73

Incident Energy (MeV)

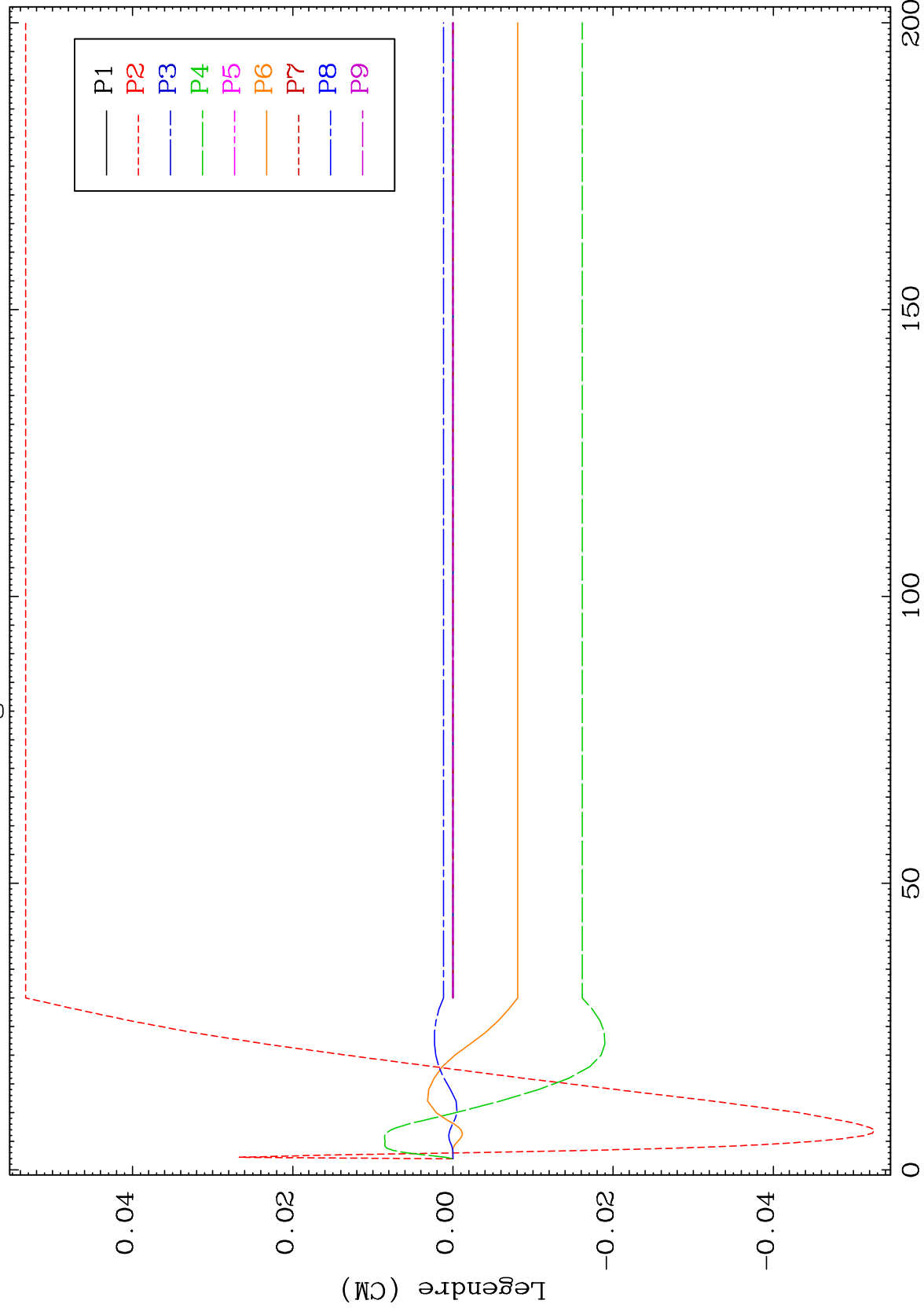
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

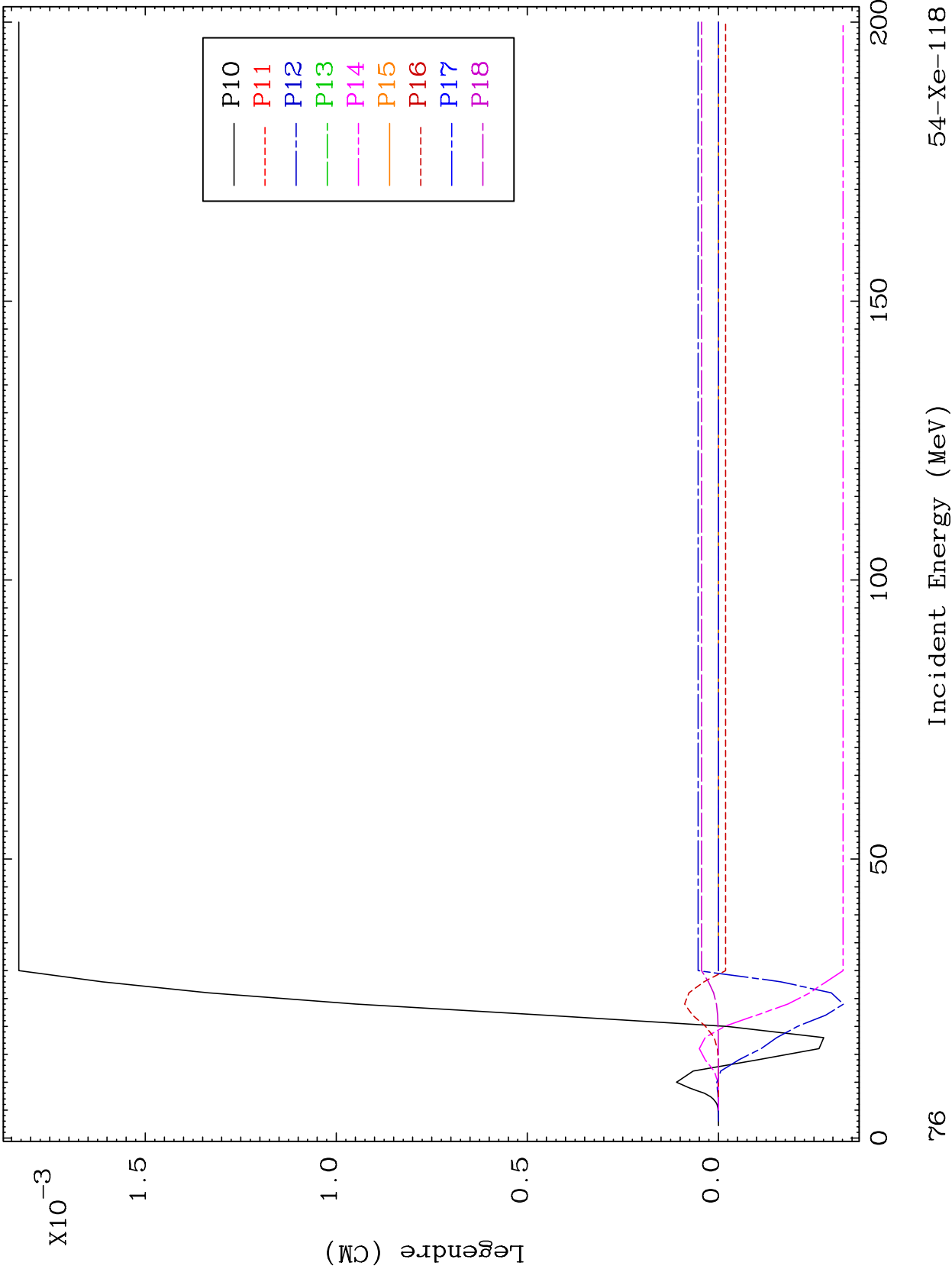
Incident Energy (MeV)

75

MAT 5407

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

54-Xe-118



76

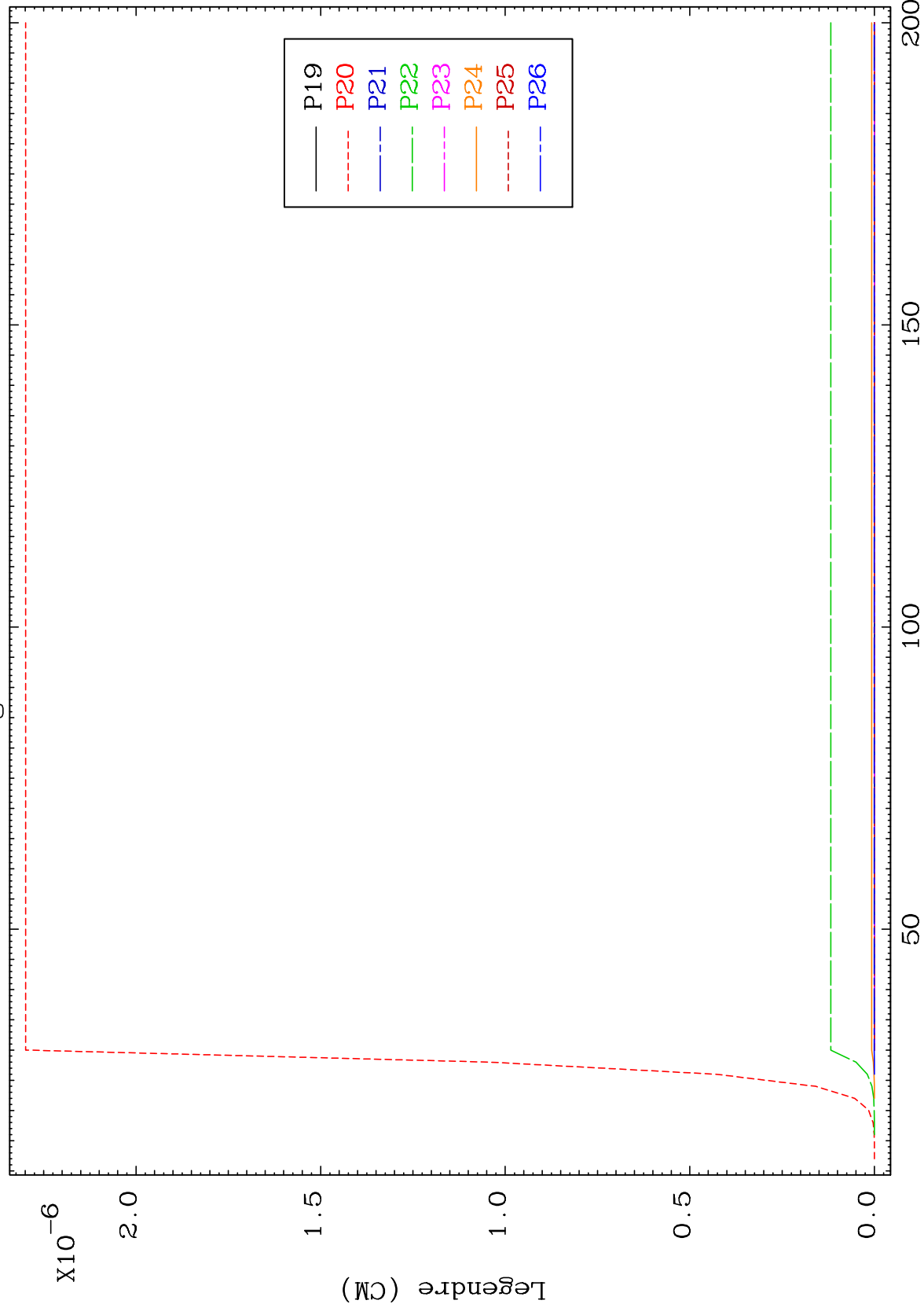
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



77

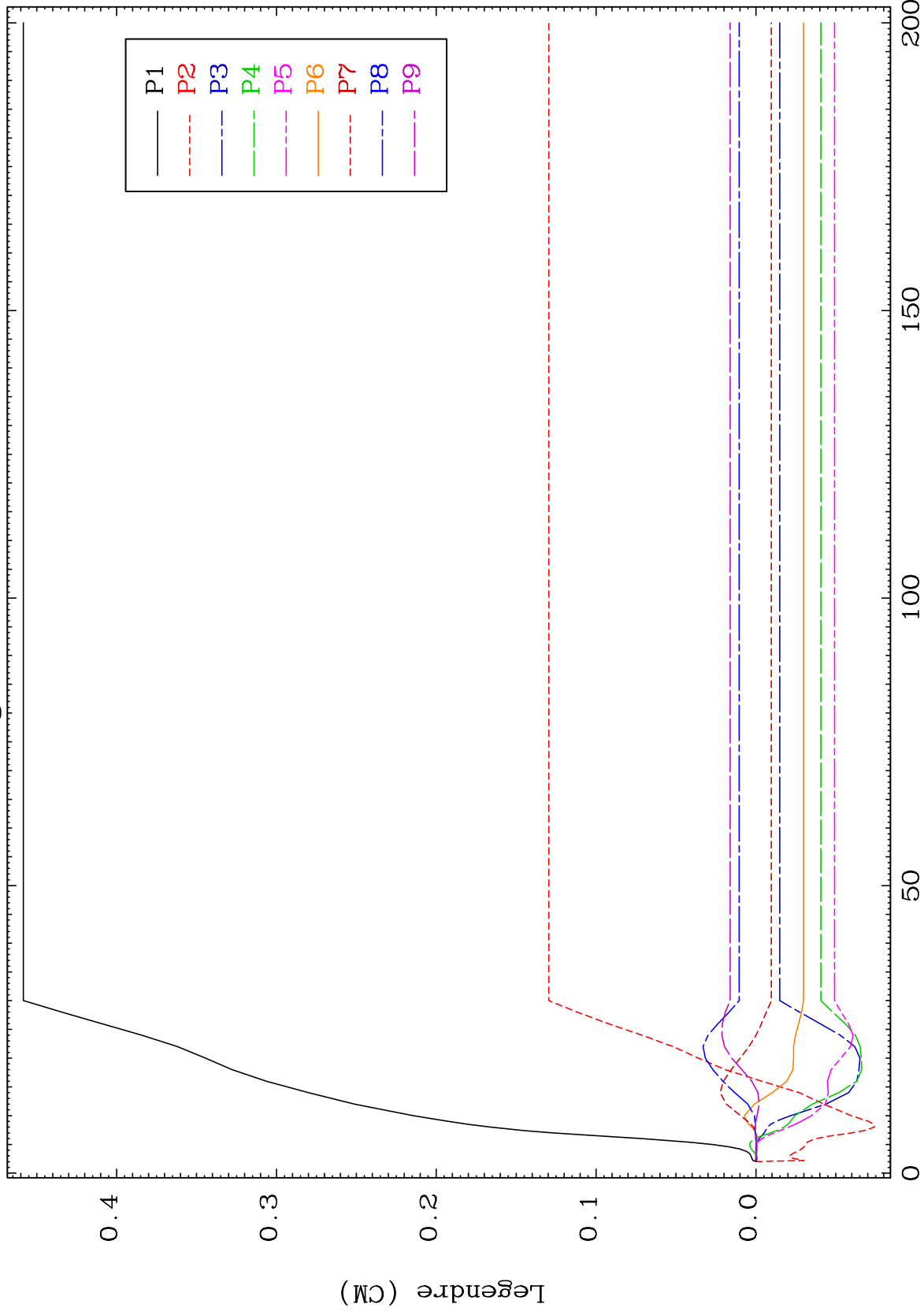
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



78

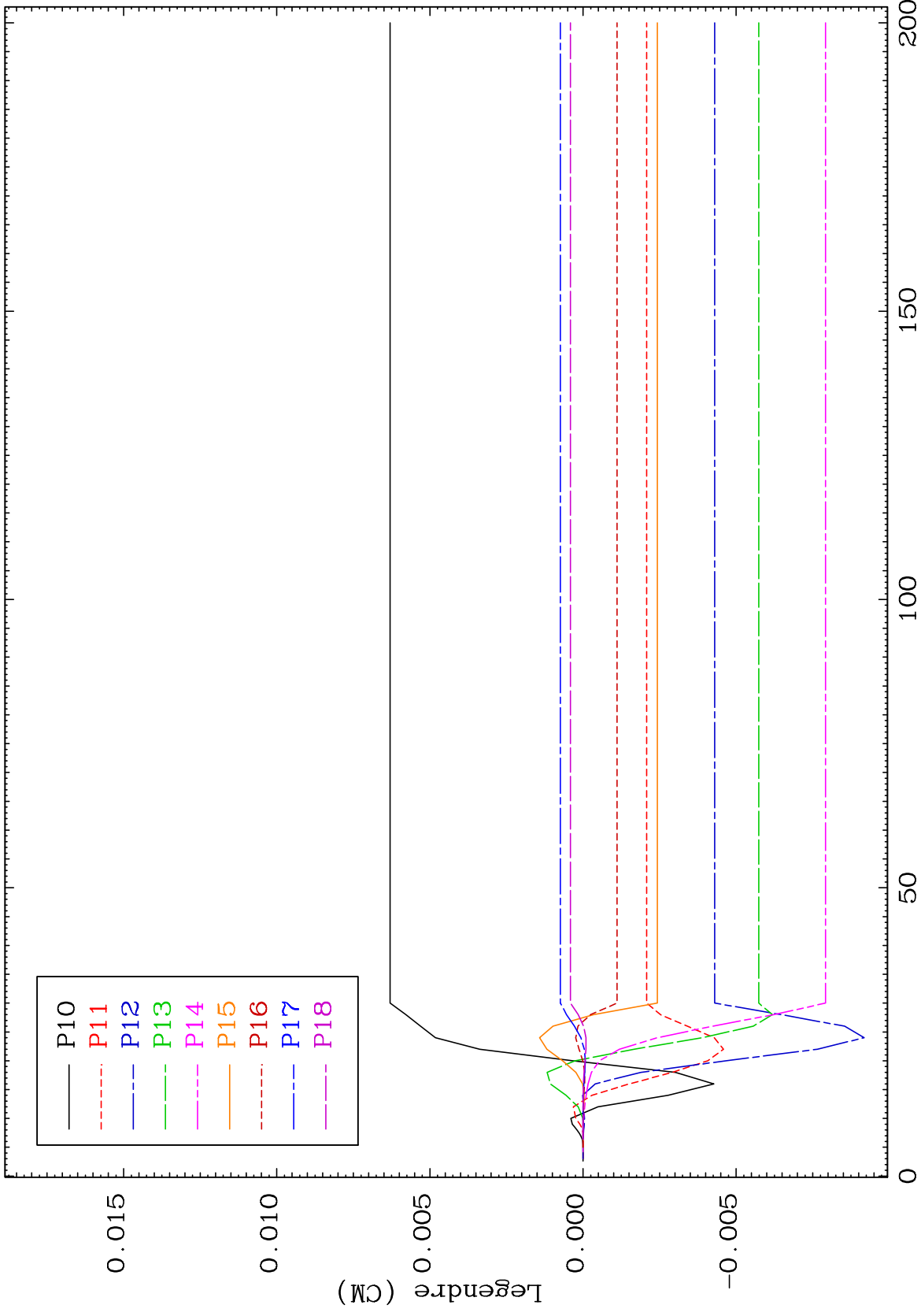
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



79

Incident Energy (MeV)

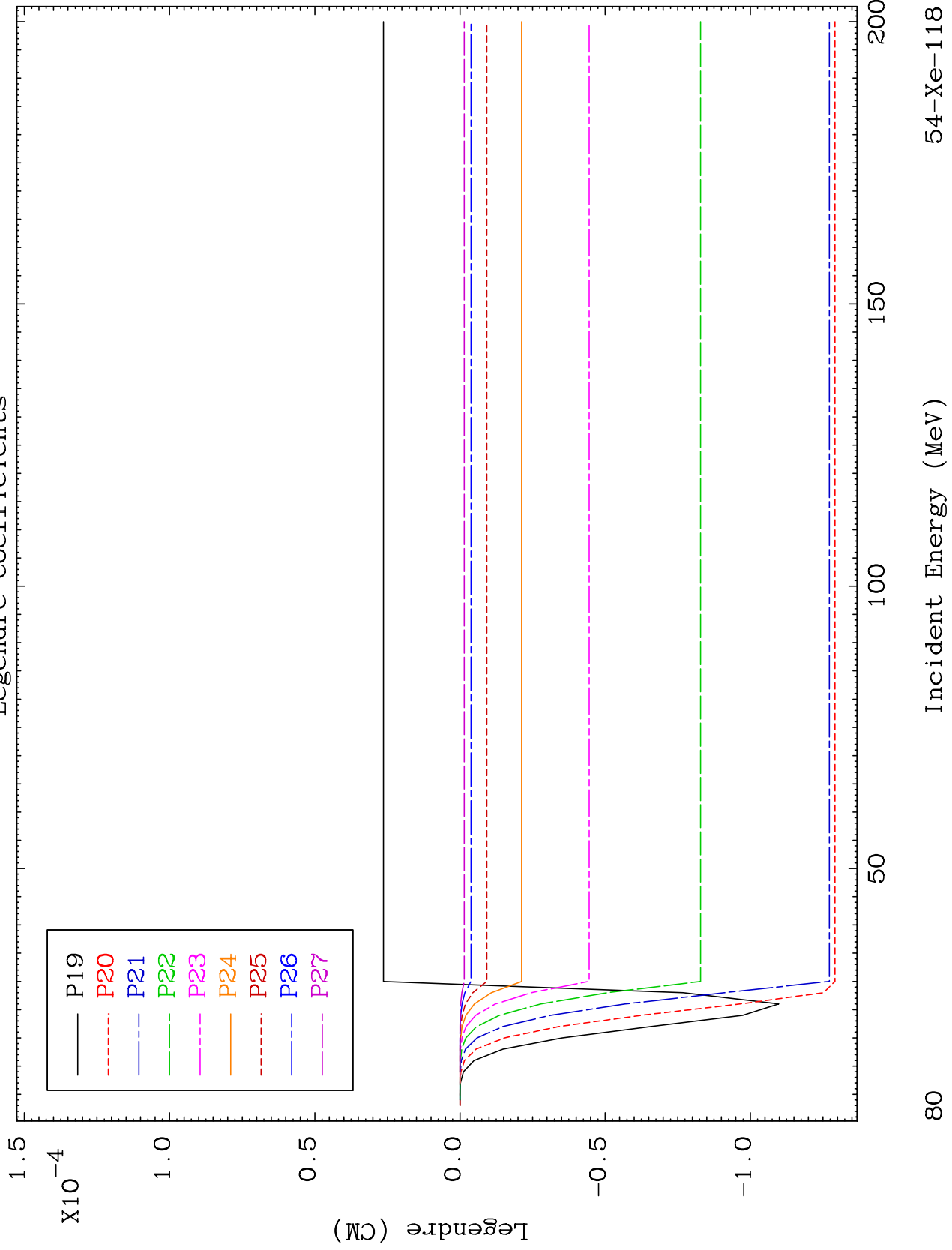
54-Xe-118



MAT 5407

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

54-Xe-118



80

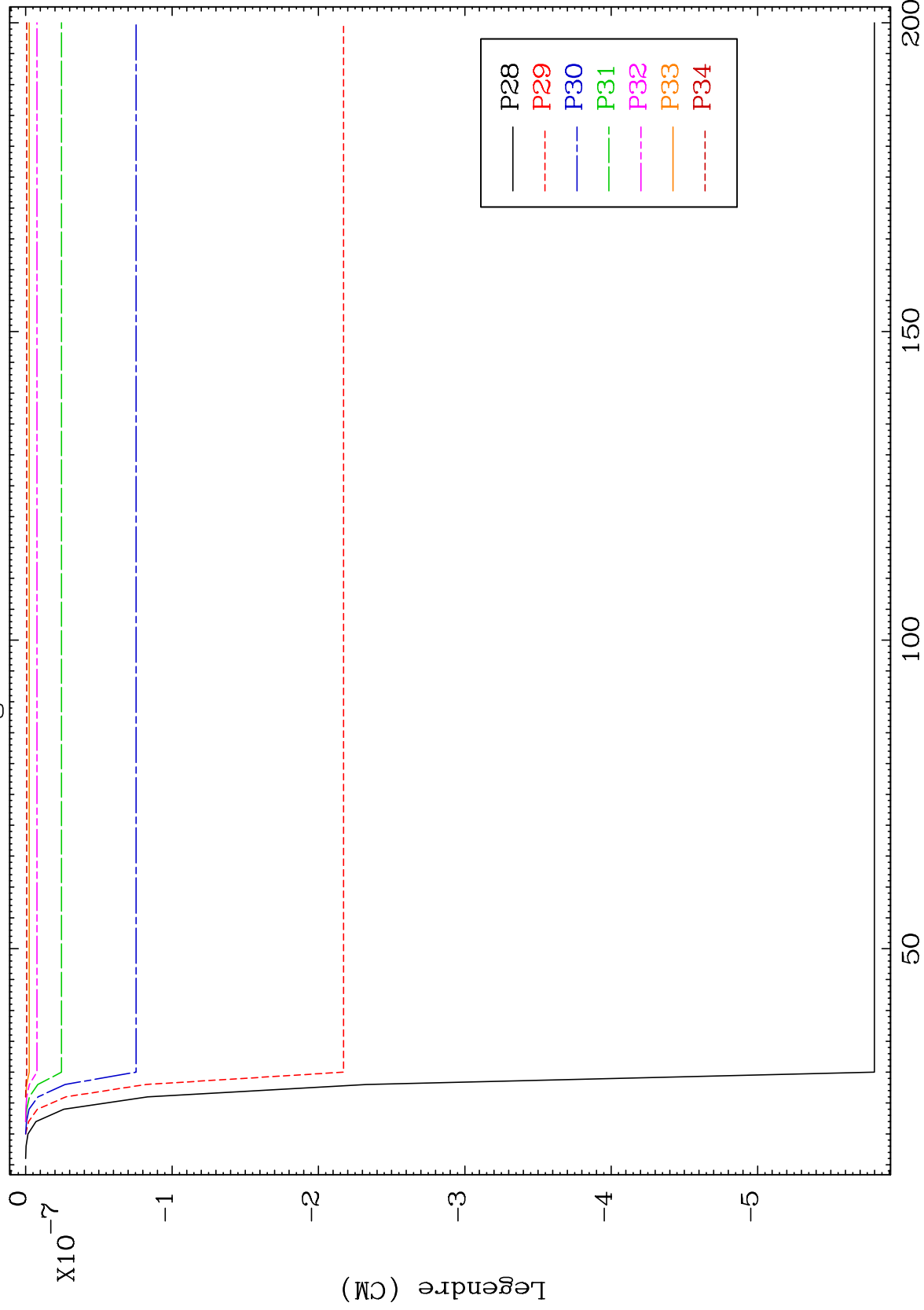
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



81

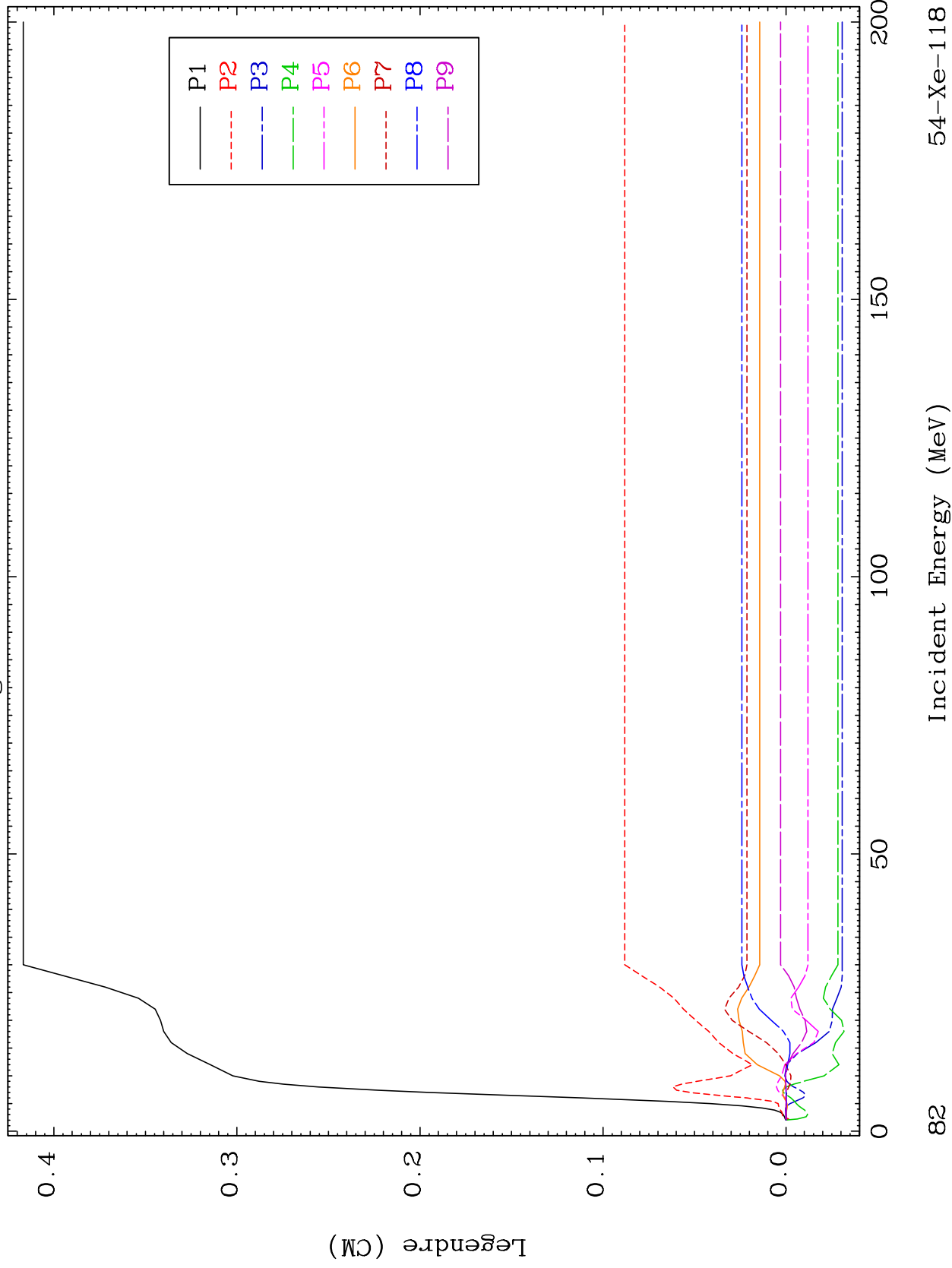
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



82

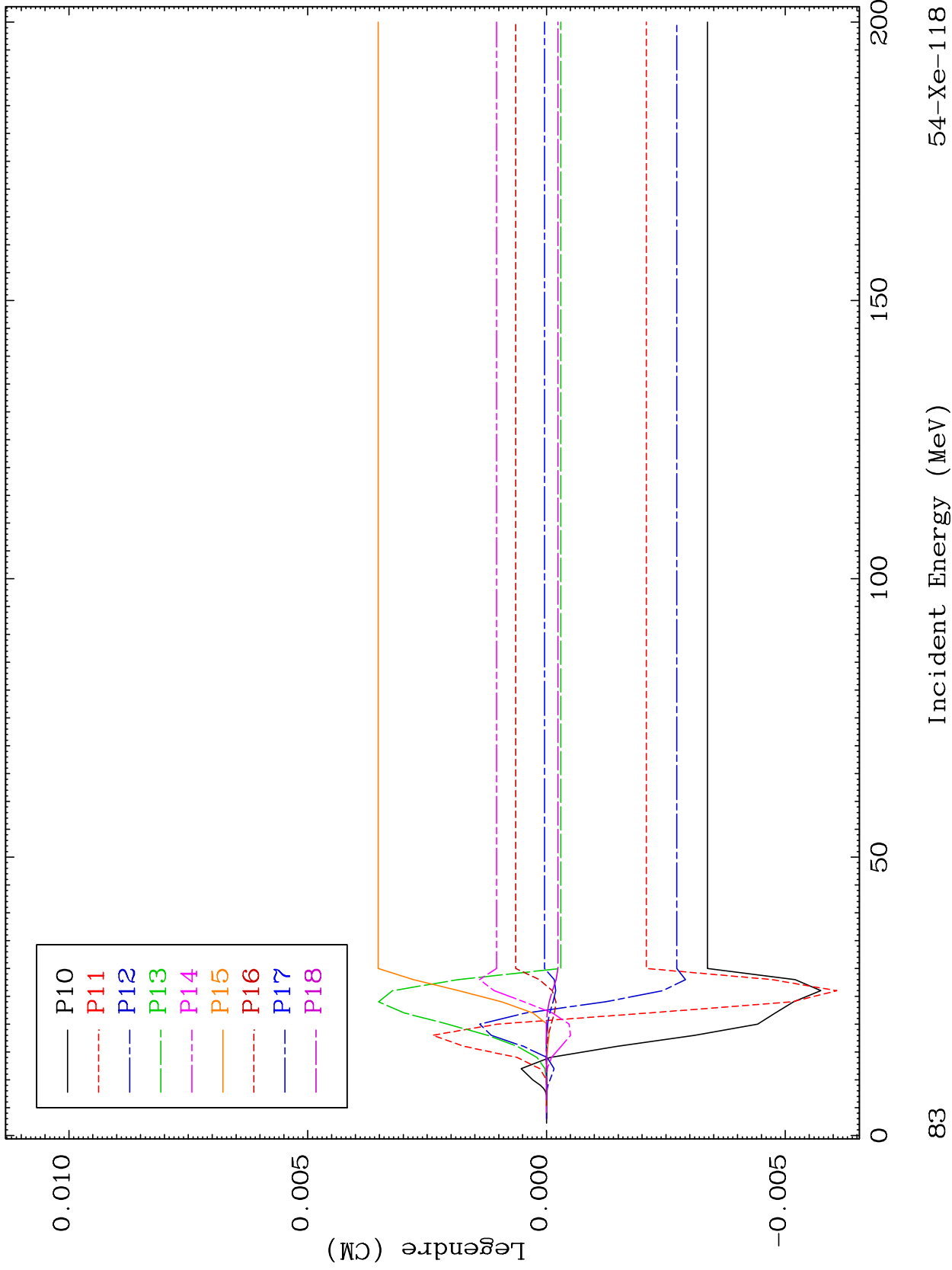
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



83

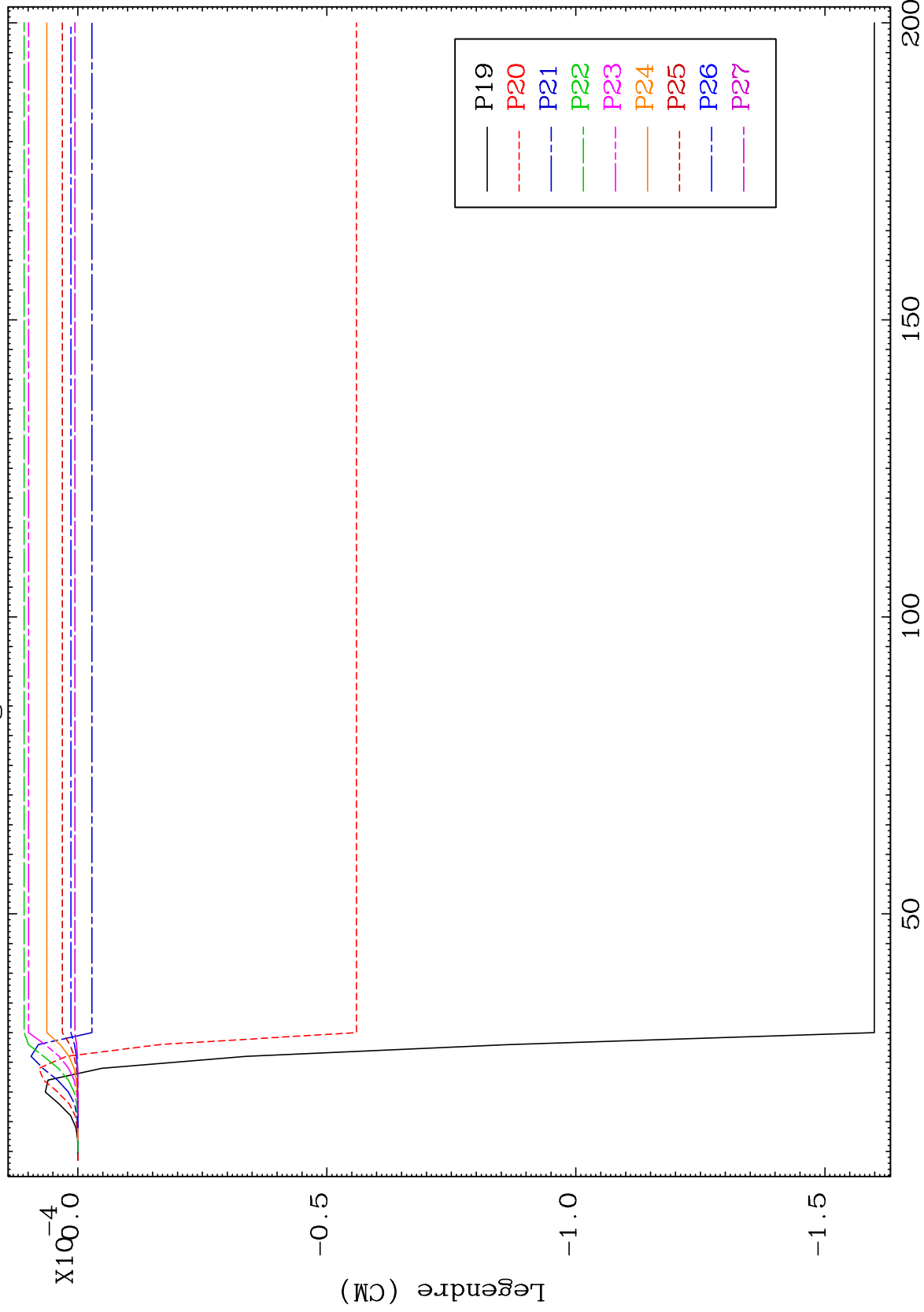
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



84

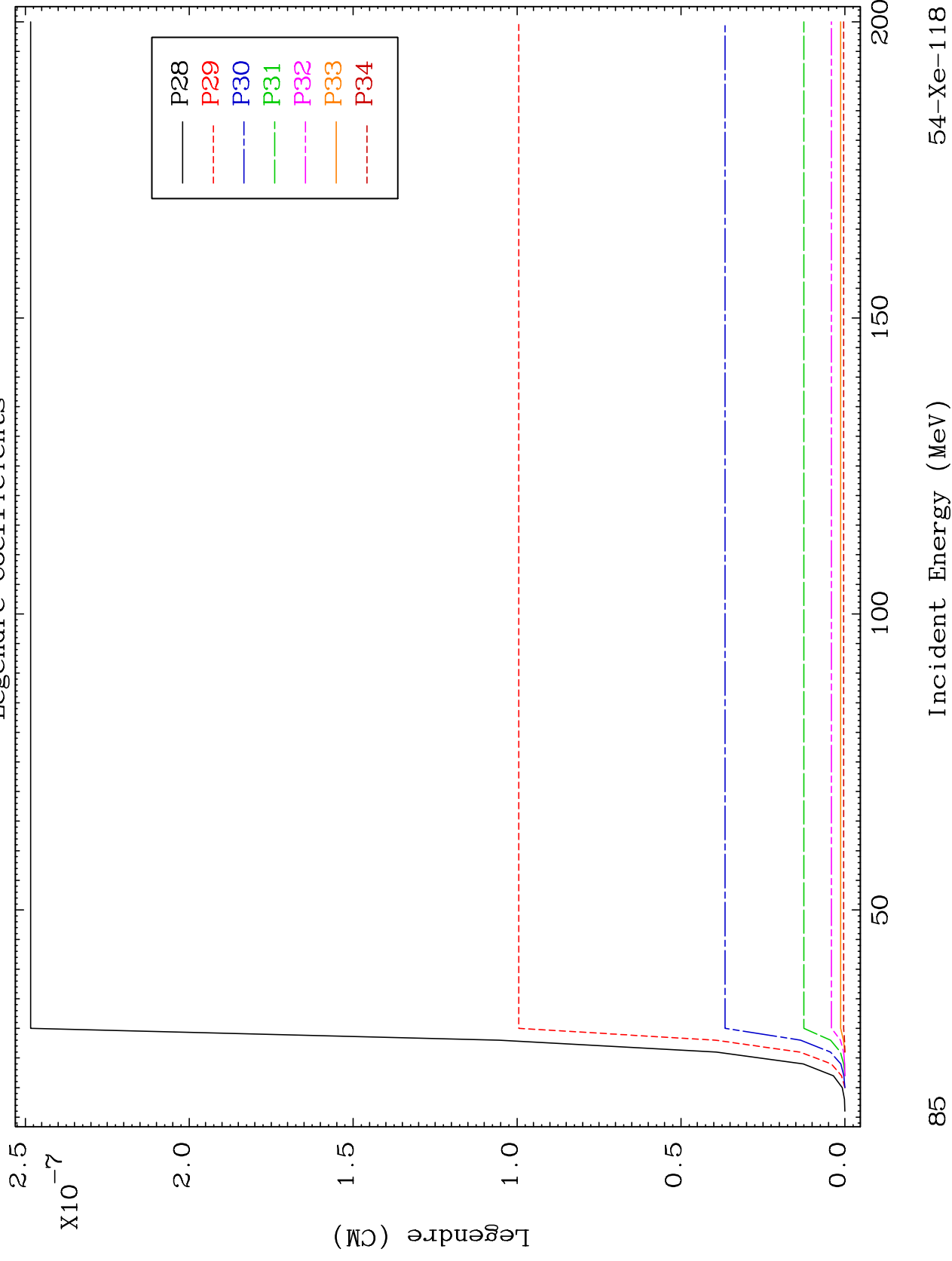
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



85

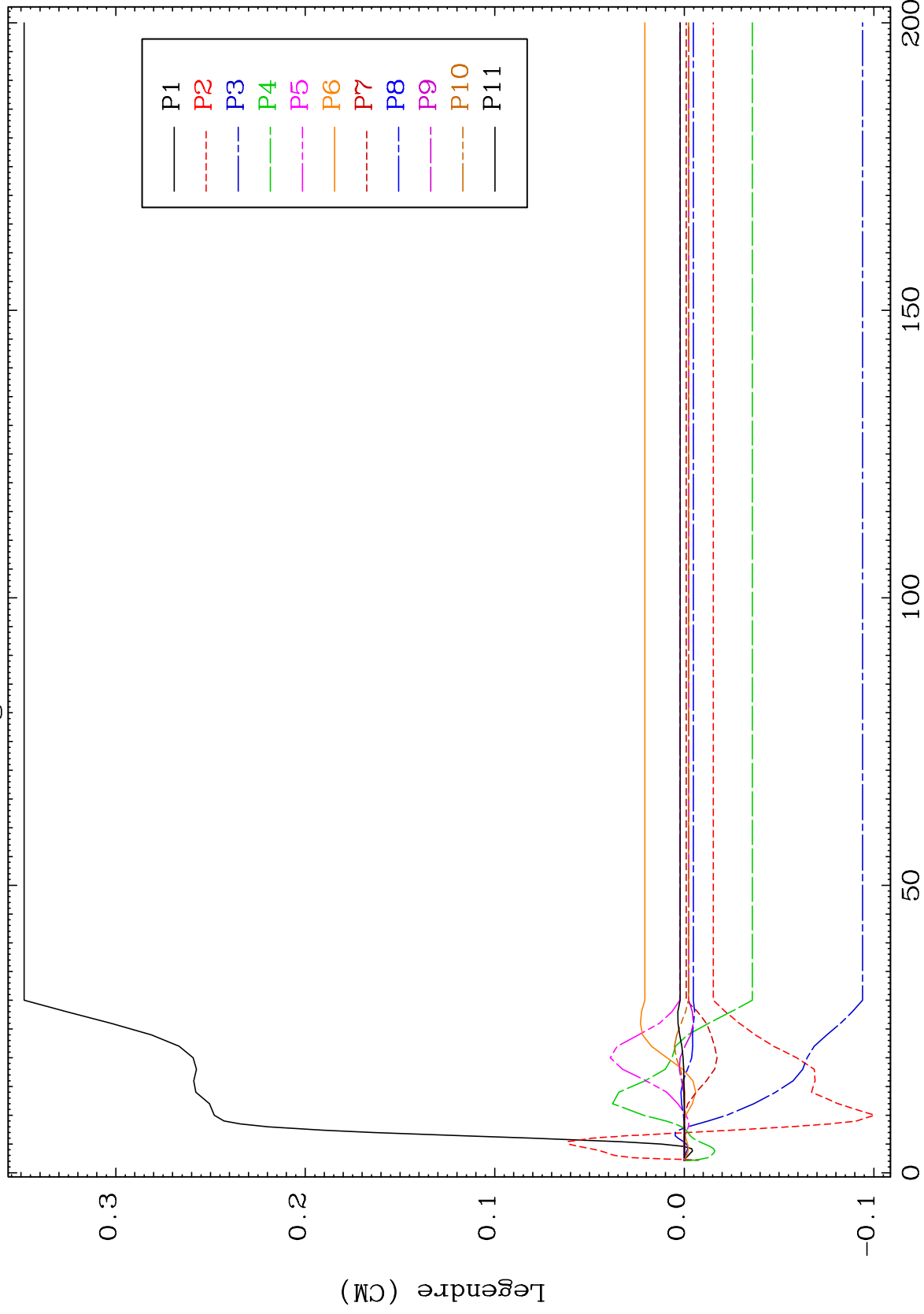
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



86

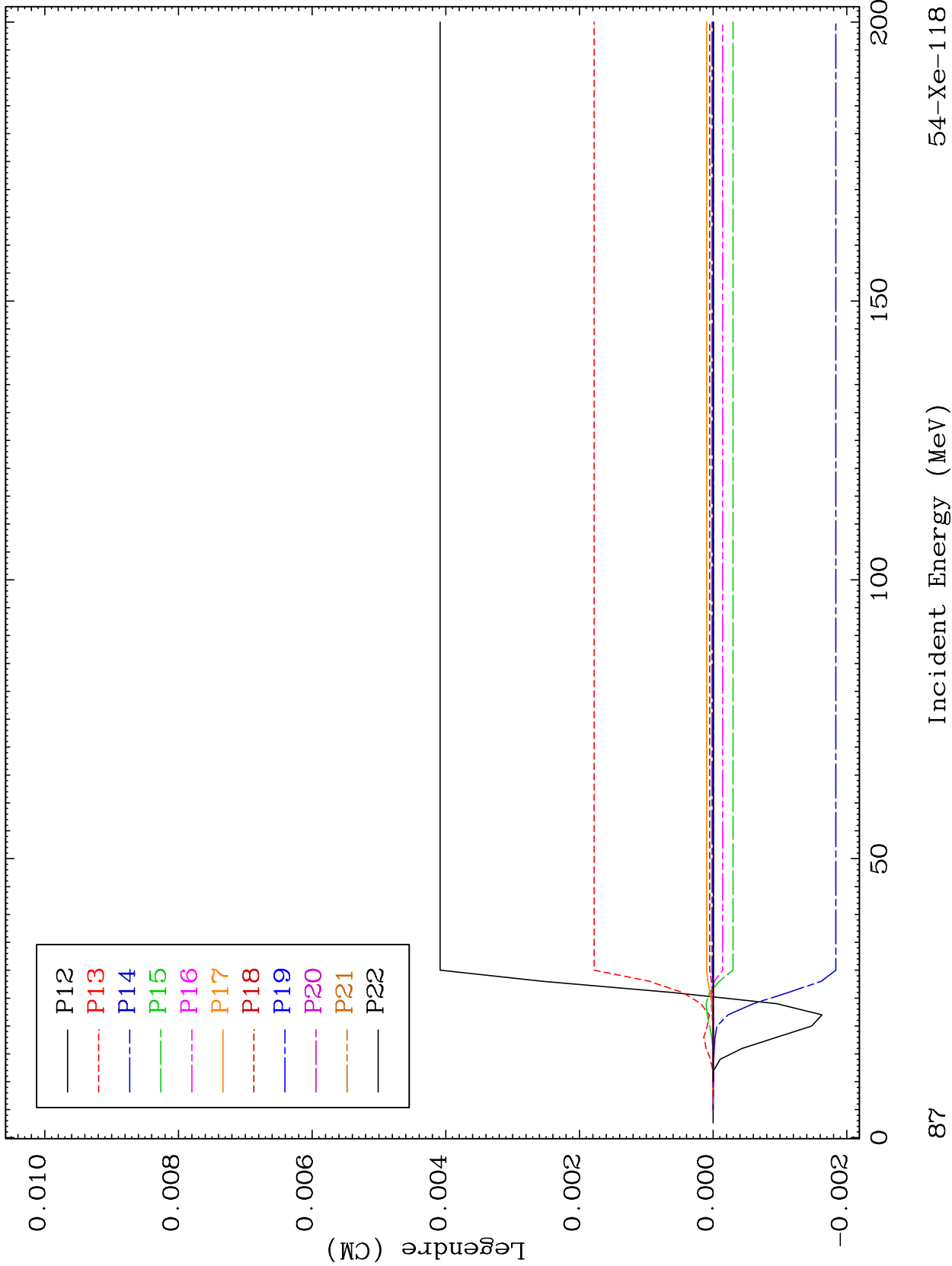
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



87

Incident Energy (MeV)

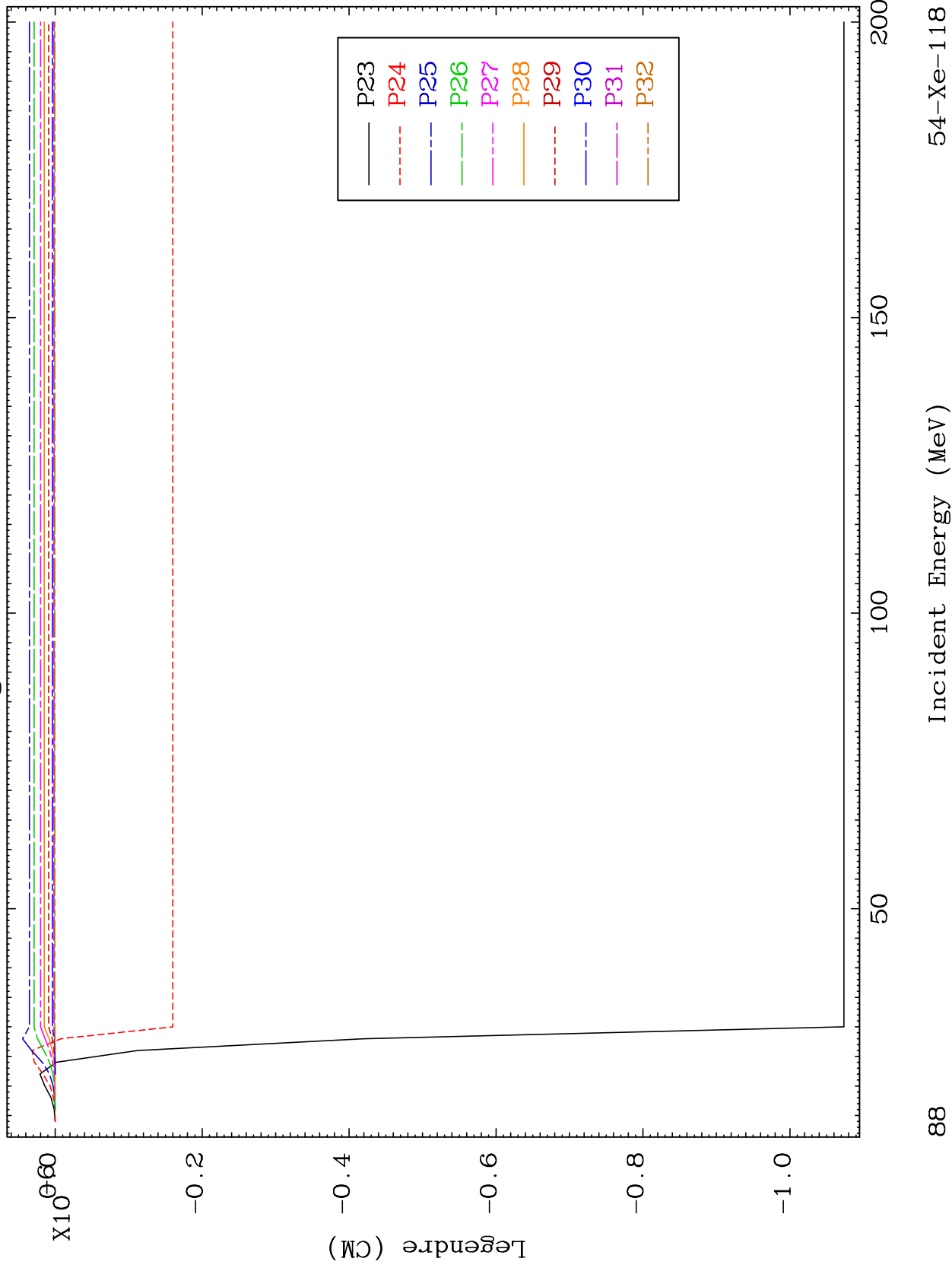
54-Xe-118



MAT 5407

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

54-Xe-118



88

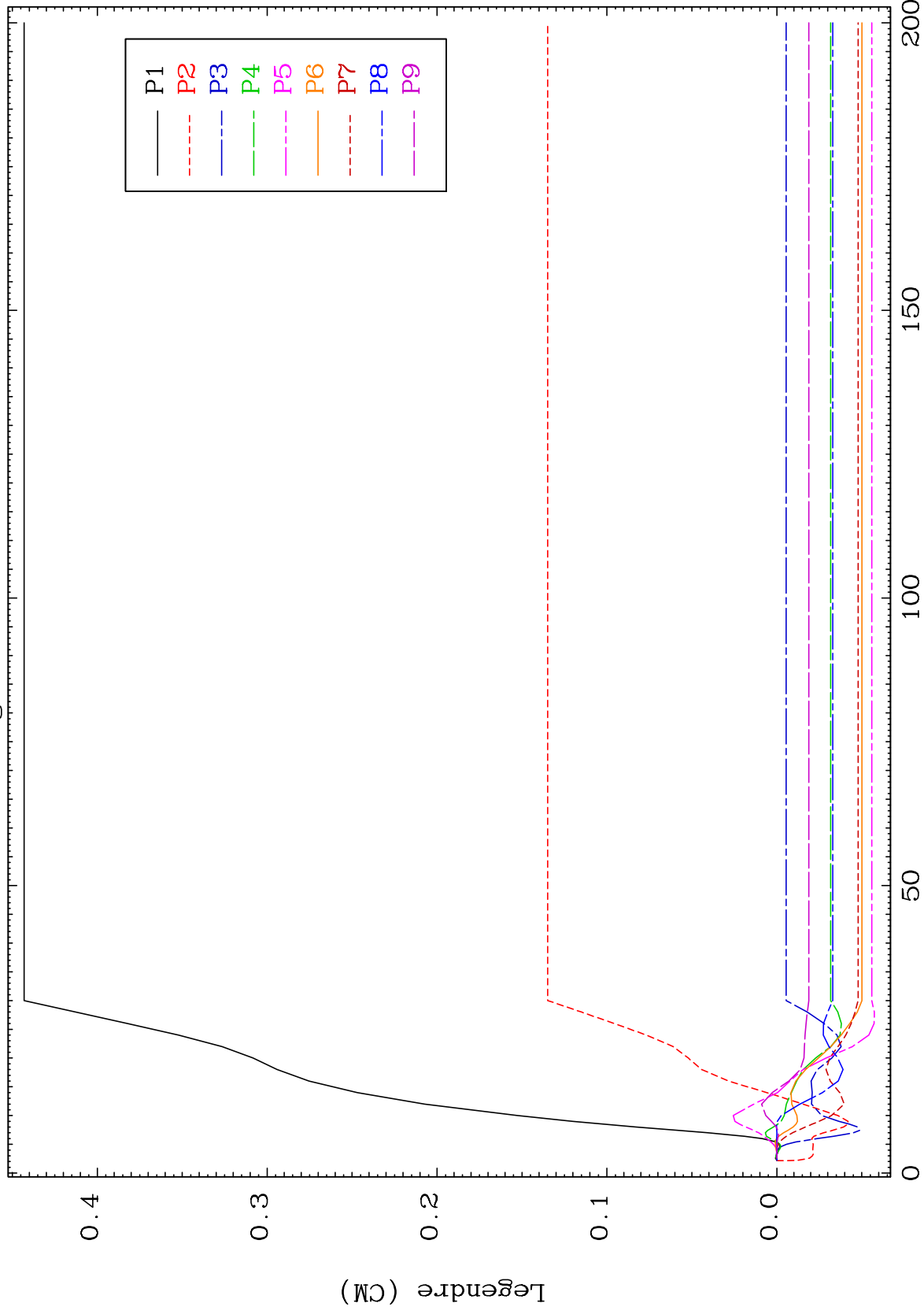
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



89

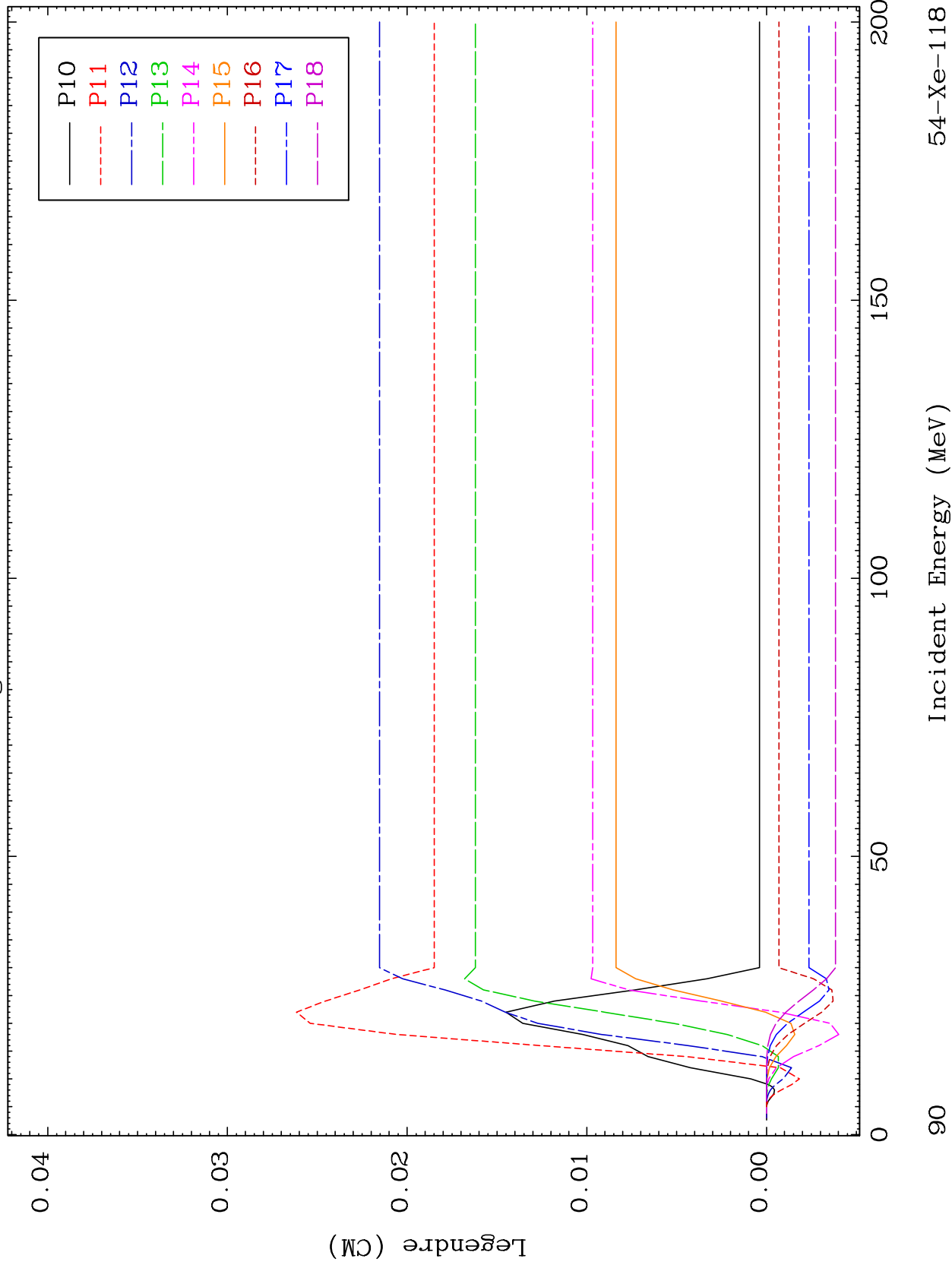
Incident Energy (MeV)

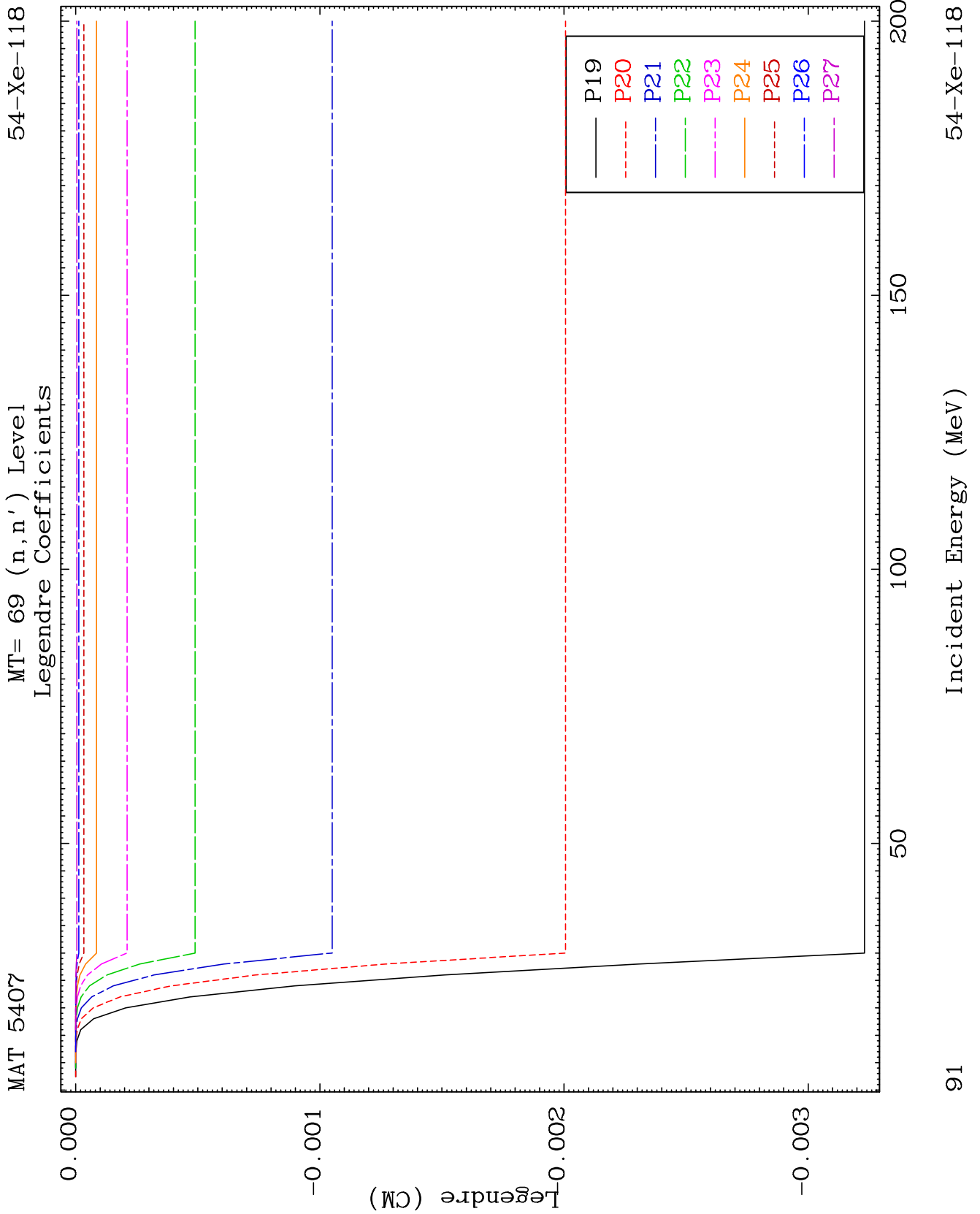
54-Xe-118

MAT 5407

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

54-Xe-118

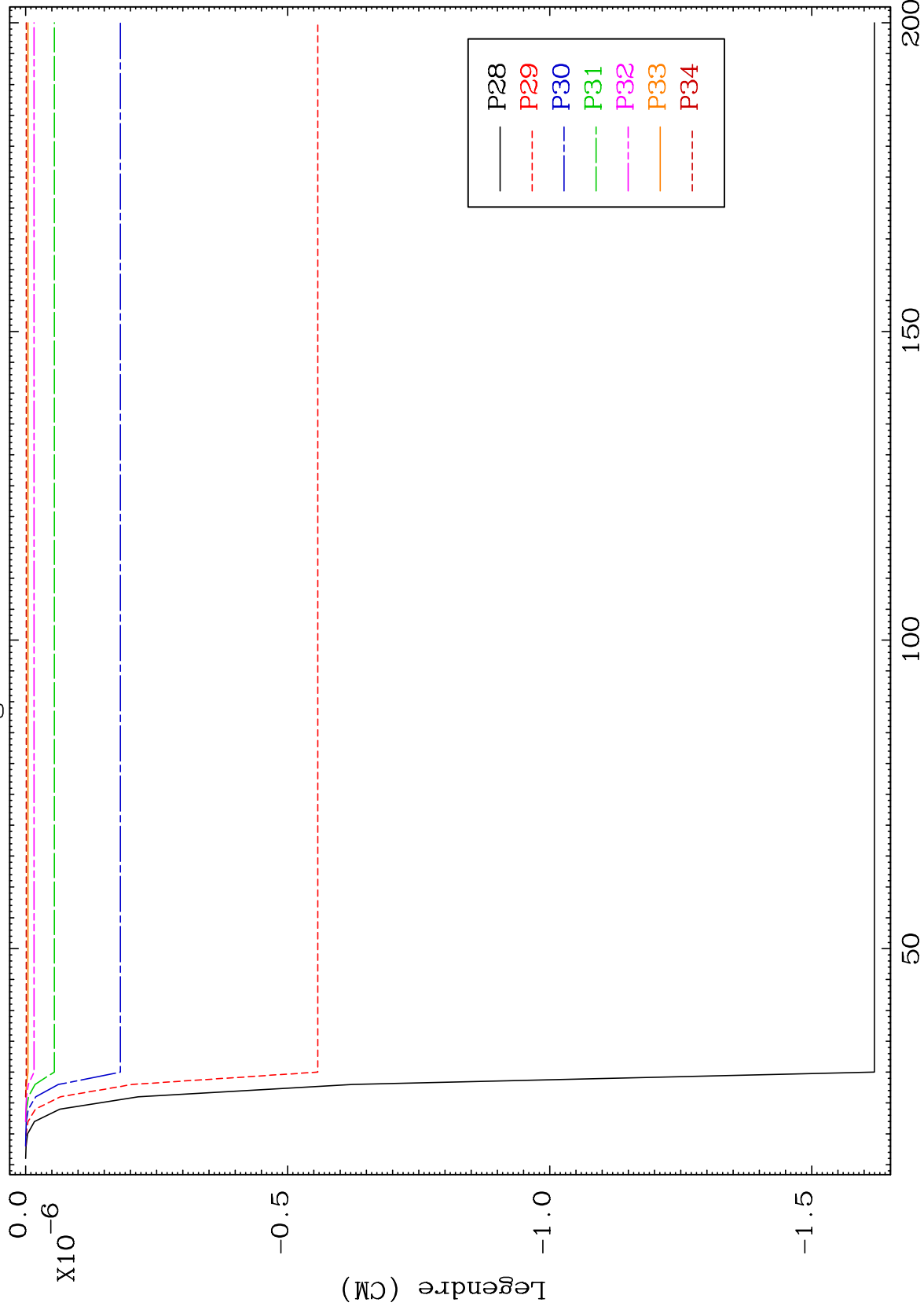




MAT 5407

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

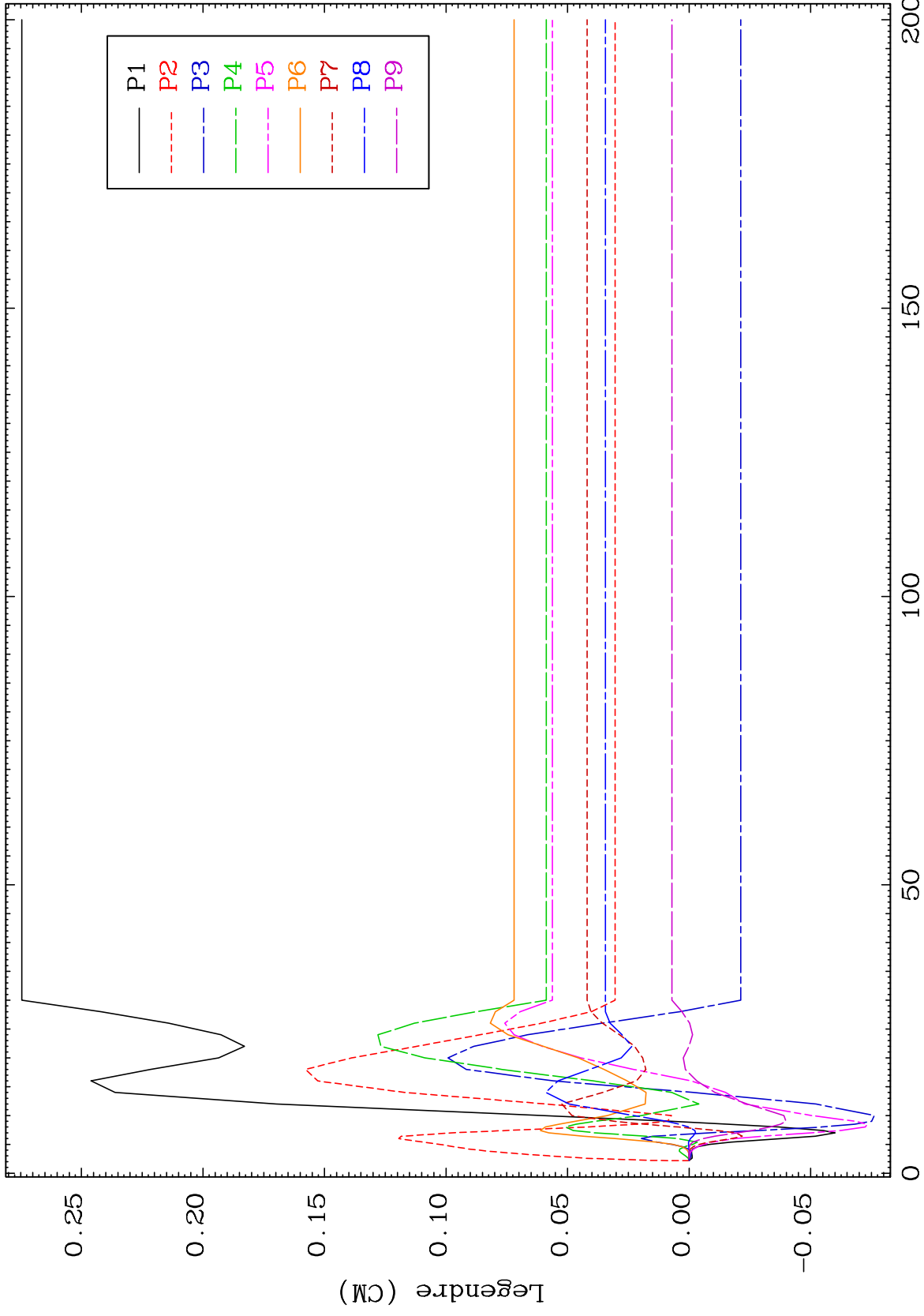
54-Xe-118



MAT 5407

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

54-Xe-118



93

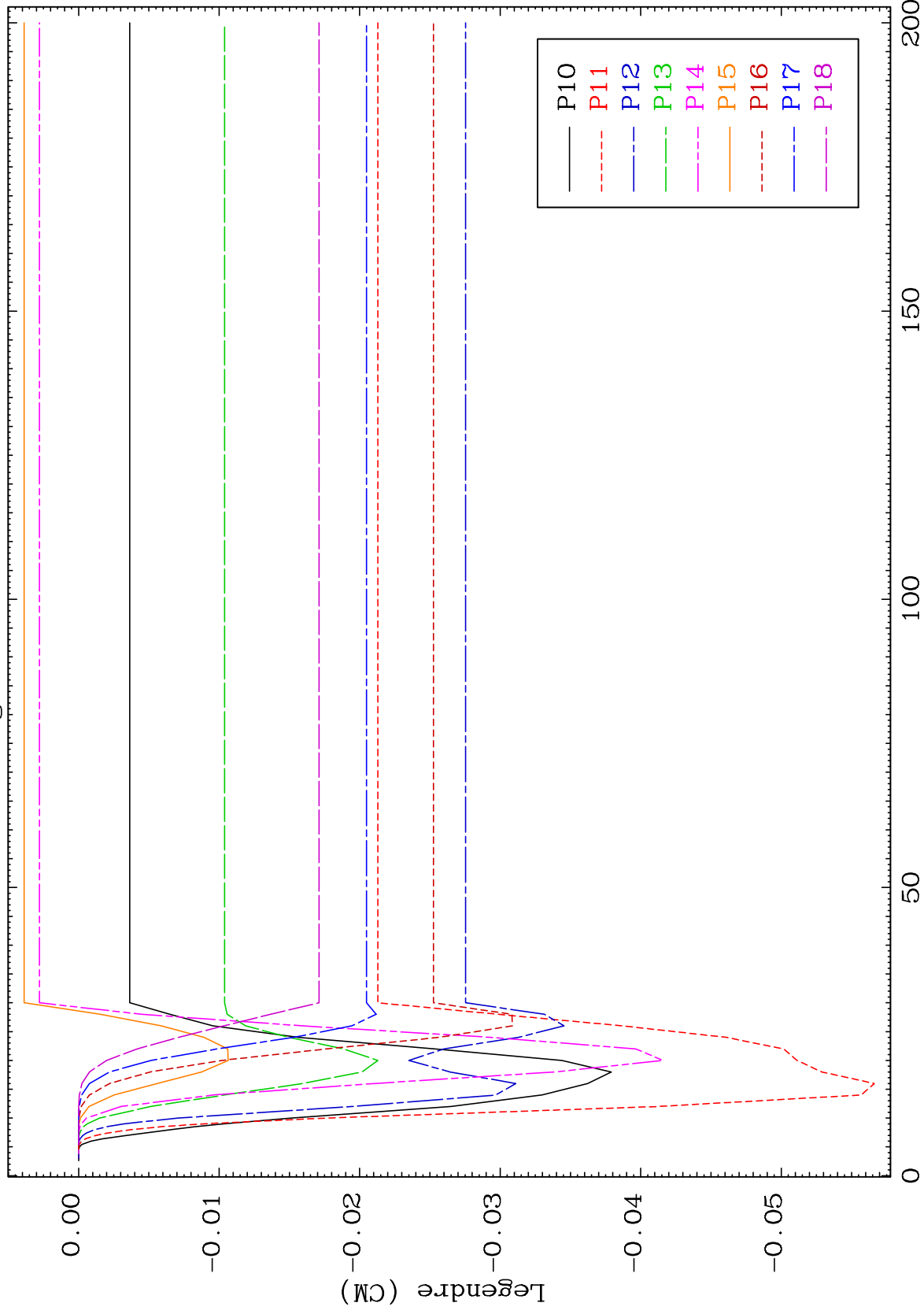
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



94

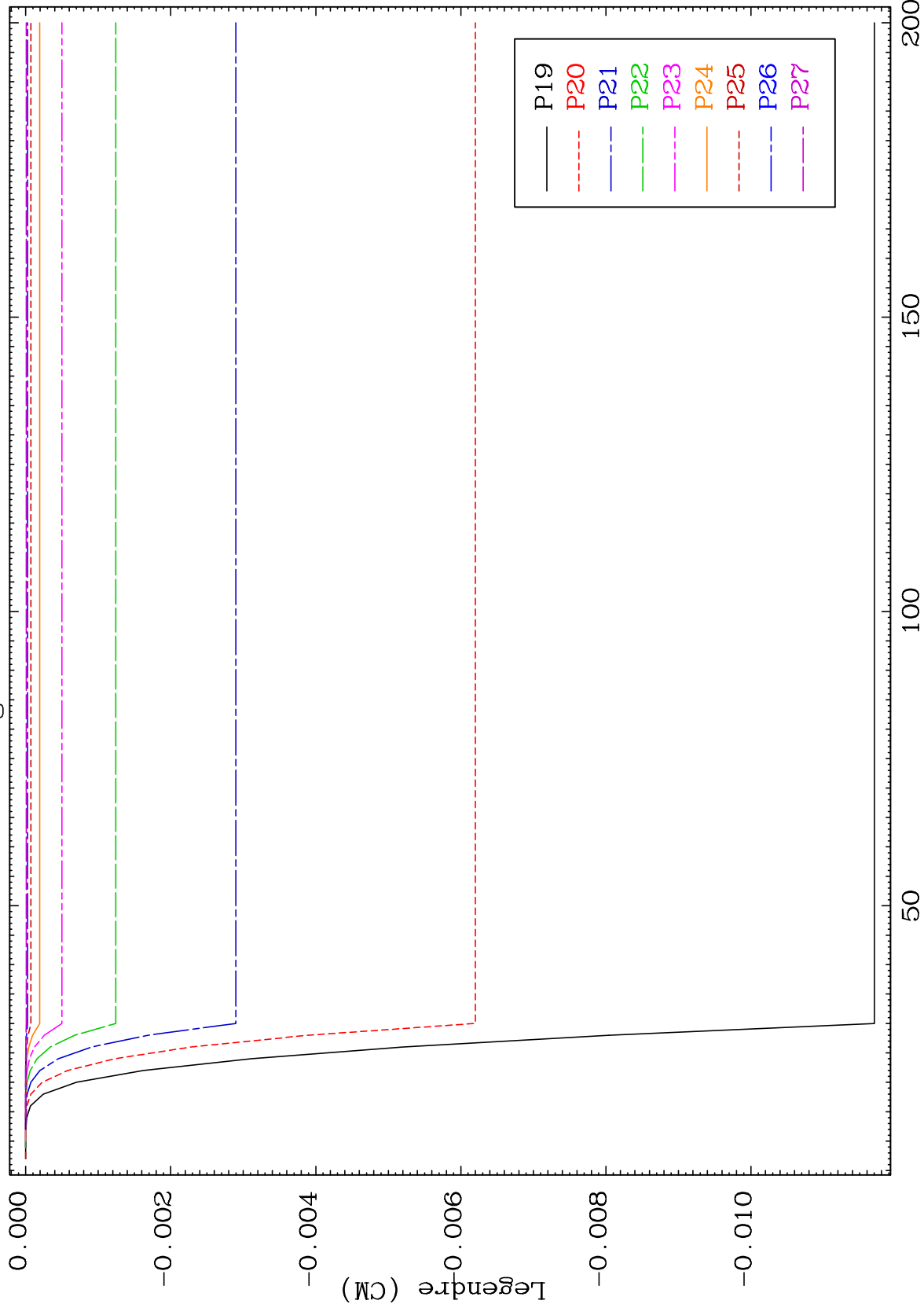
Incident Energy (MeV)

54-Xe-118

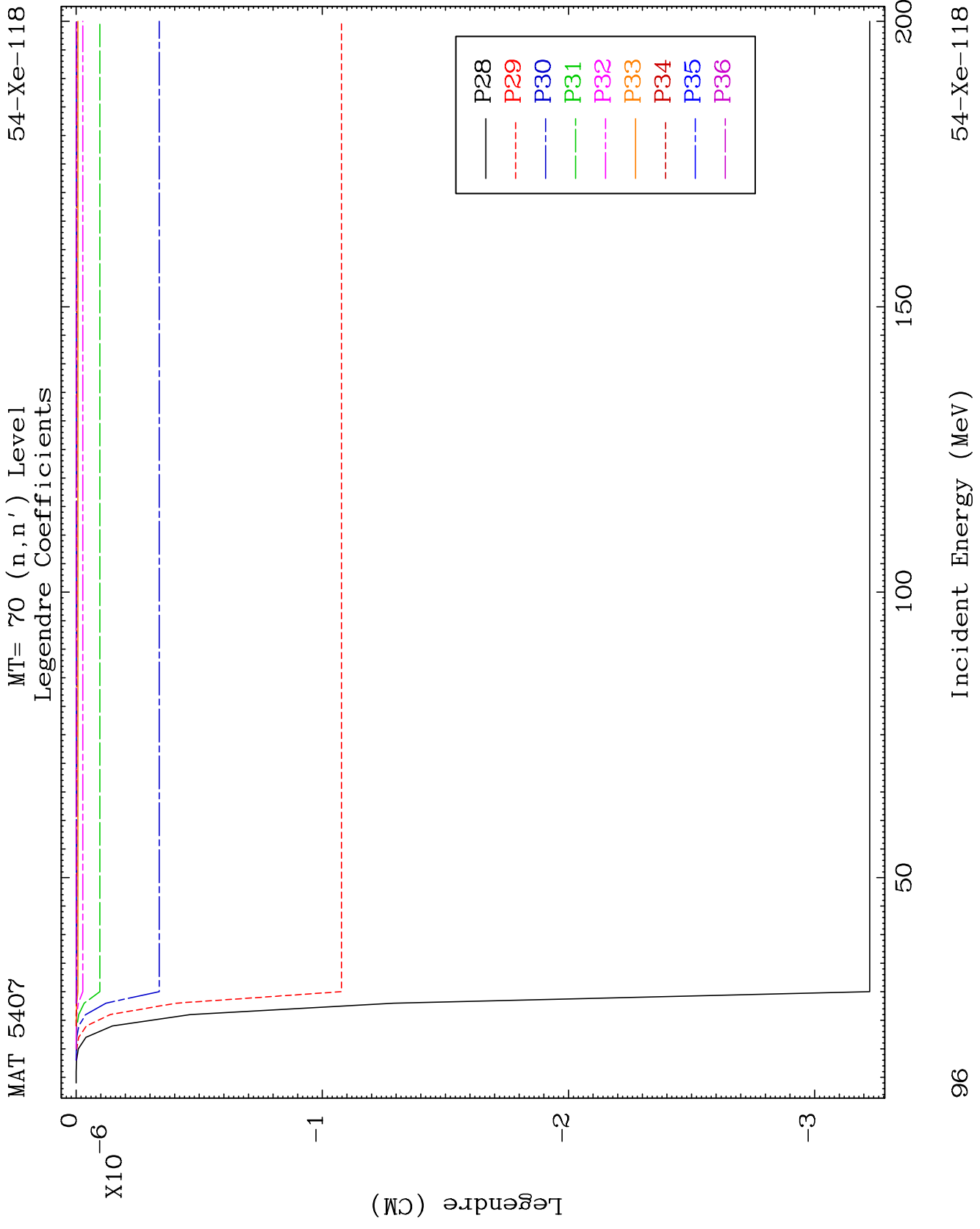
MAT 5407

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

54-Xe-118



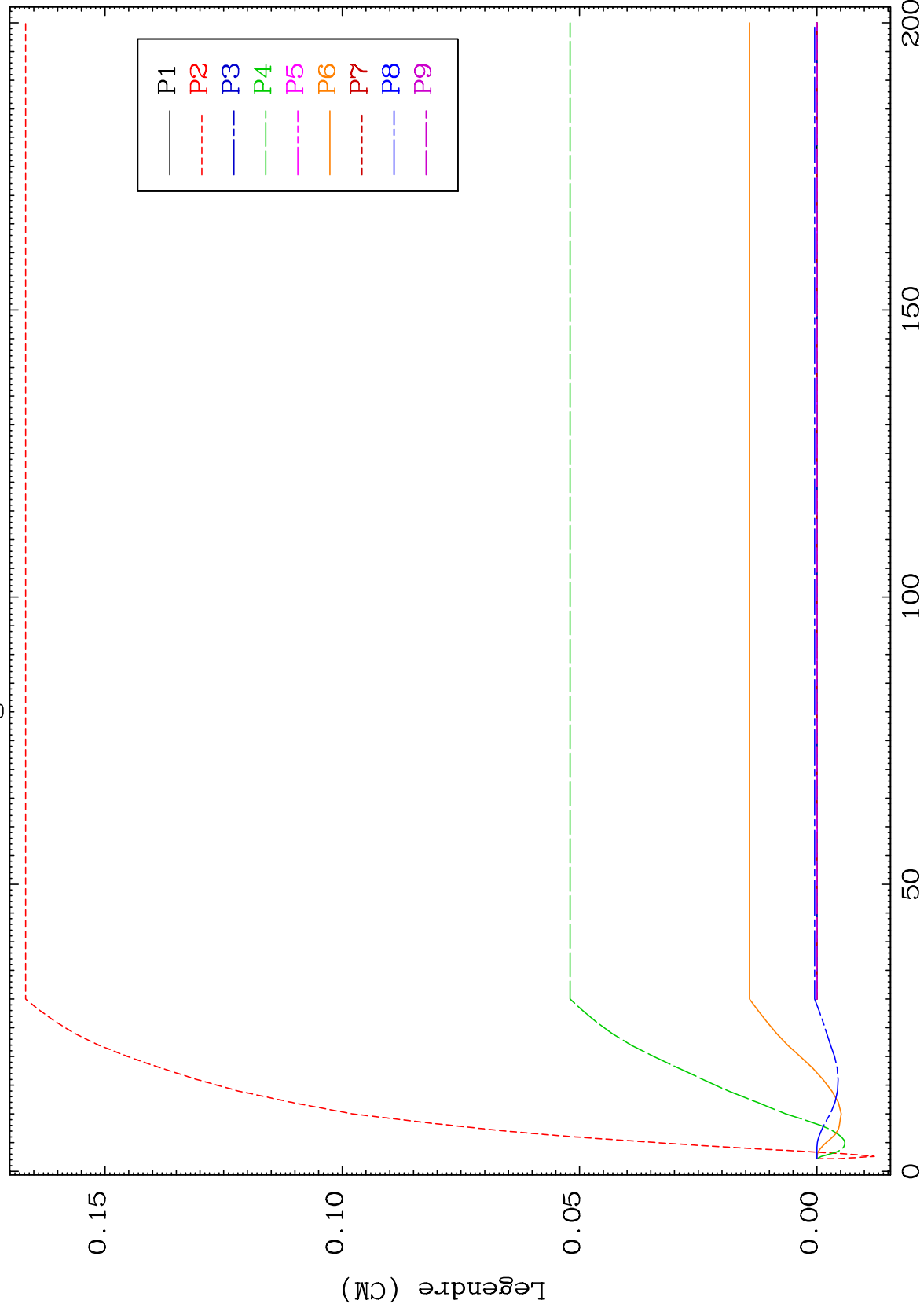




MAT 5407

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

54-Xe-118



97

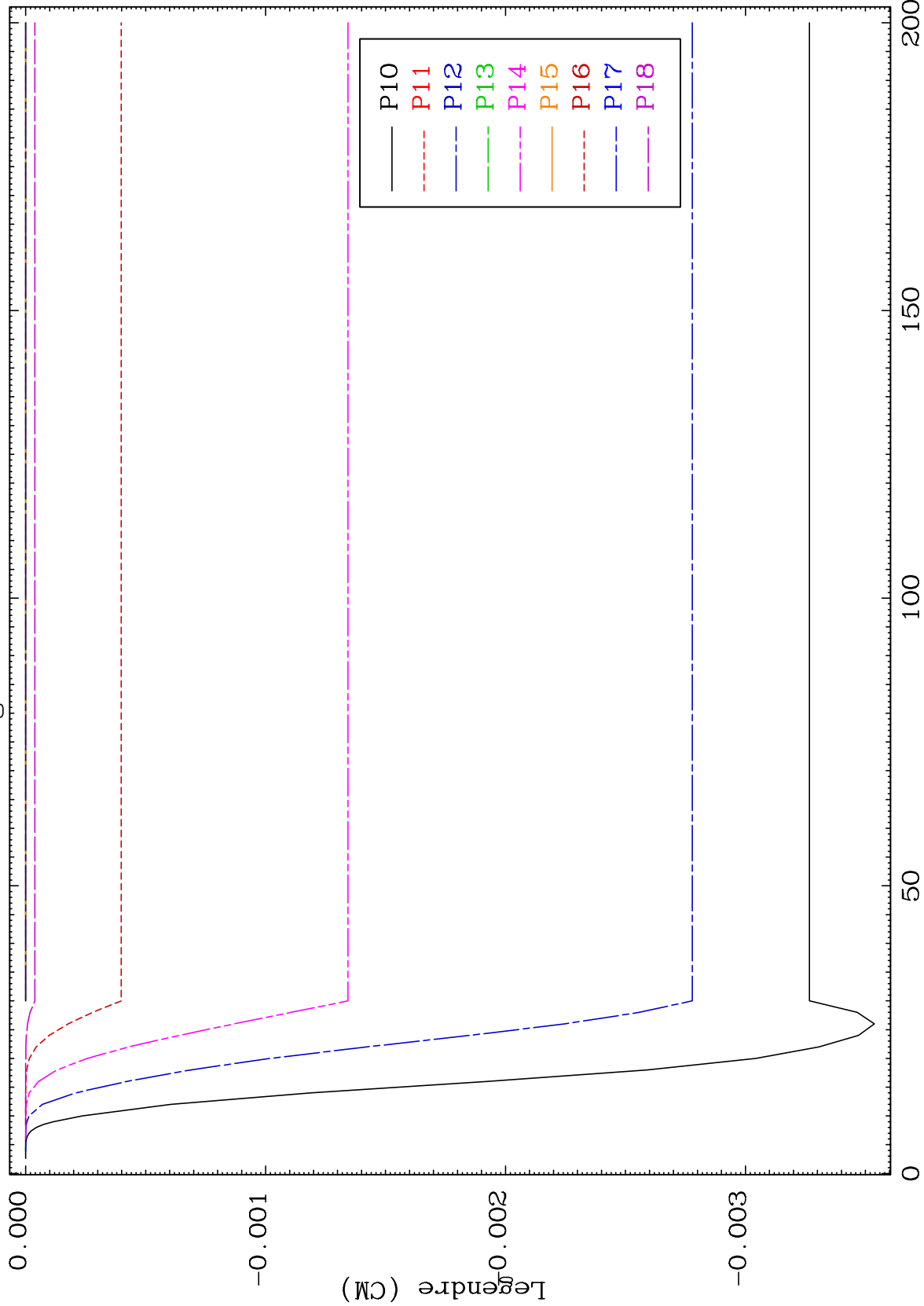
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

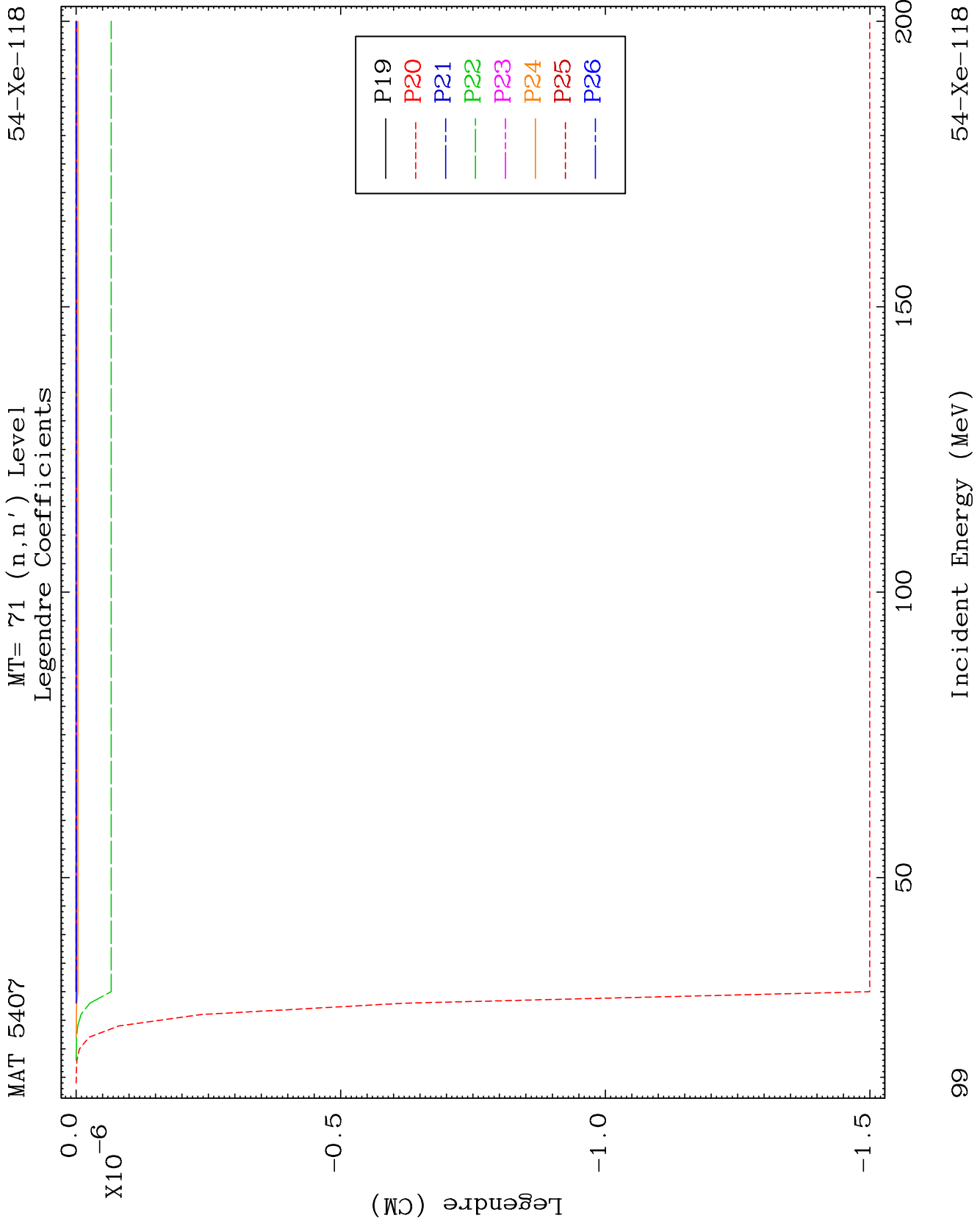
54-Xe-118



54-Xe-118

Incident Energy (MeV)

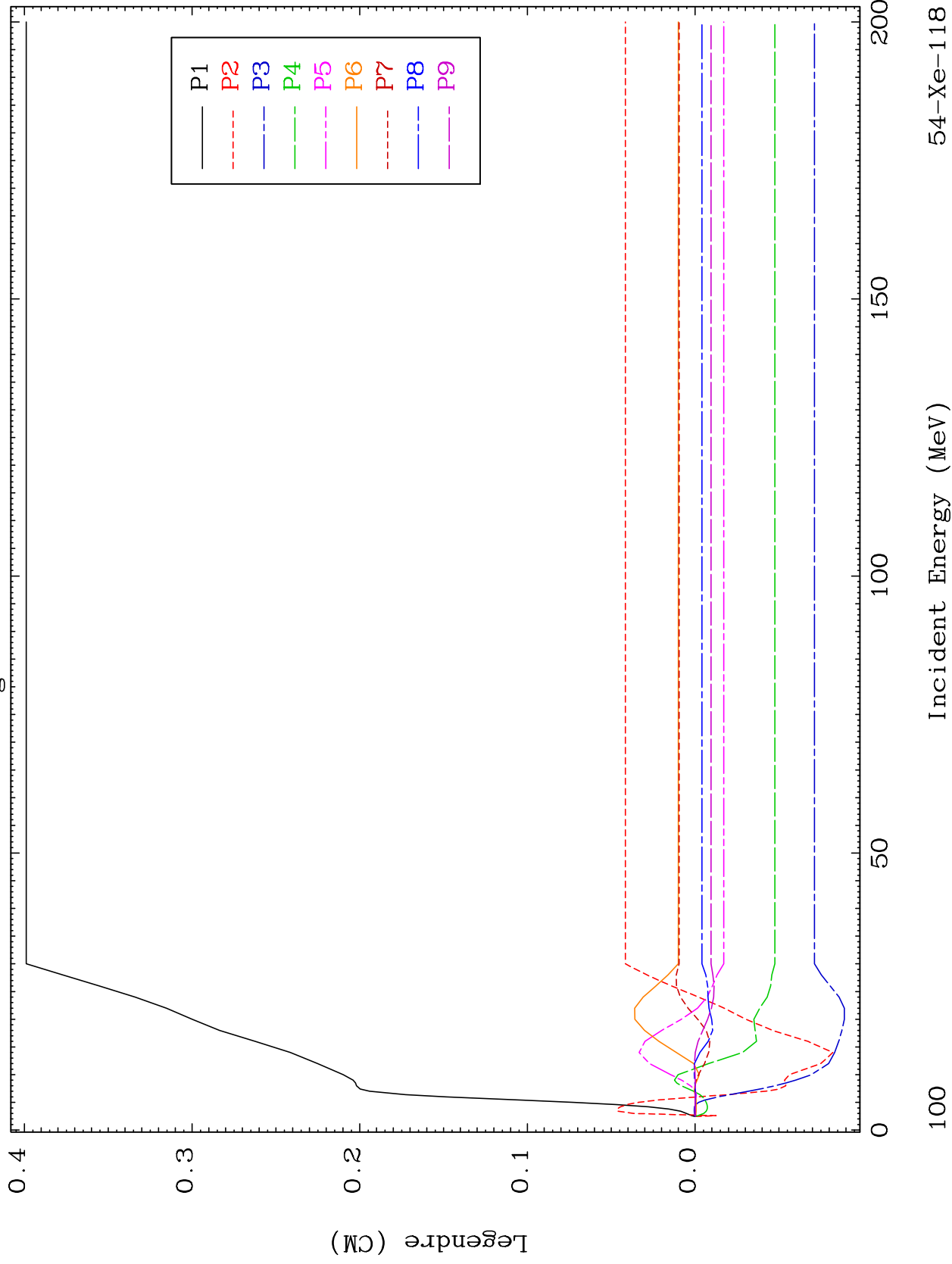
98



MAT 5407

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

54-Xe-118



54-Xe-118

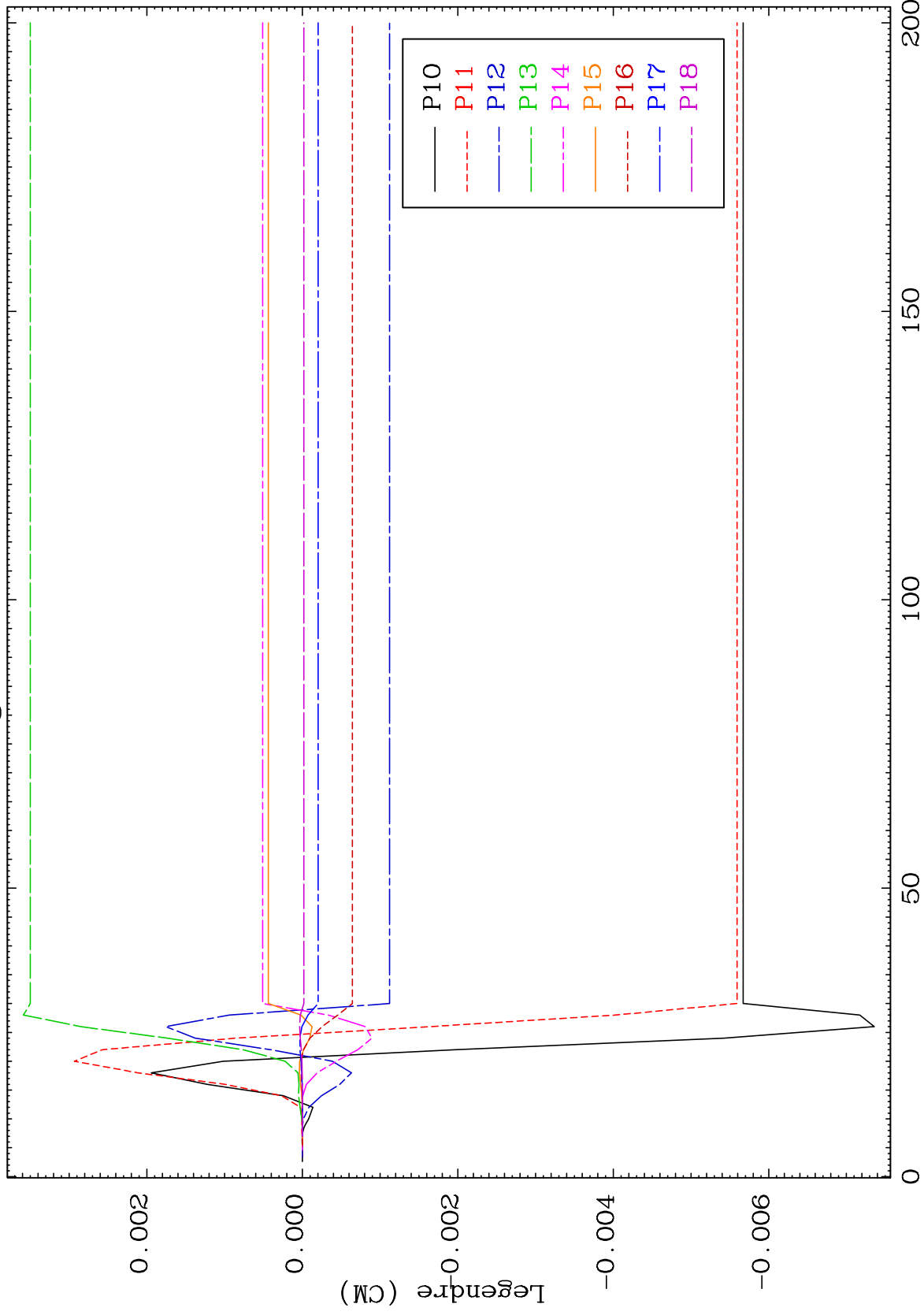
Incident Energy (MeV)

100

MAT 5407

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

54-Xe-118



101

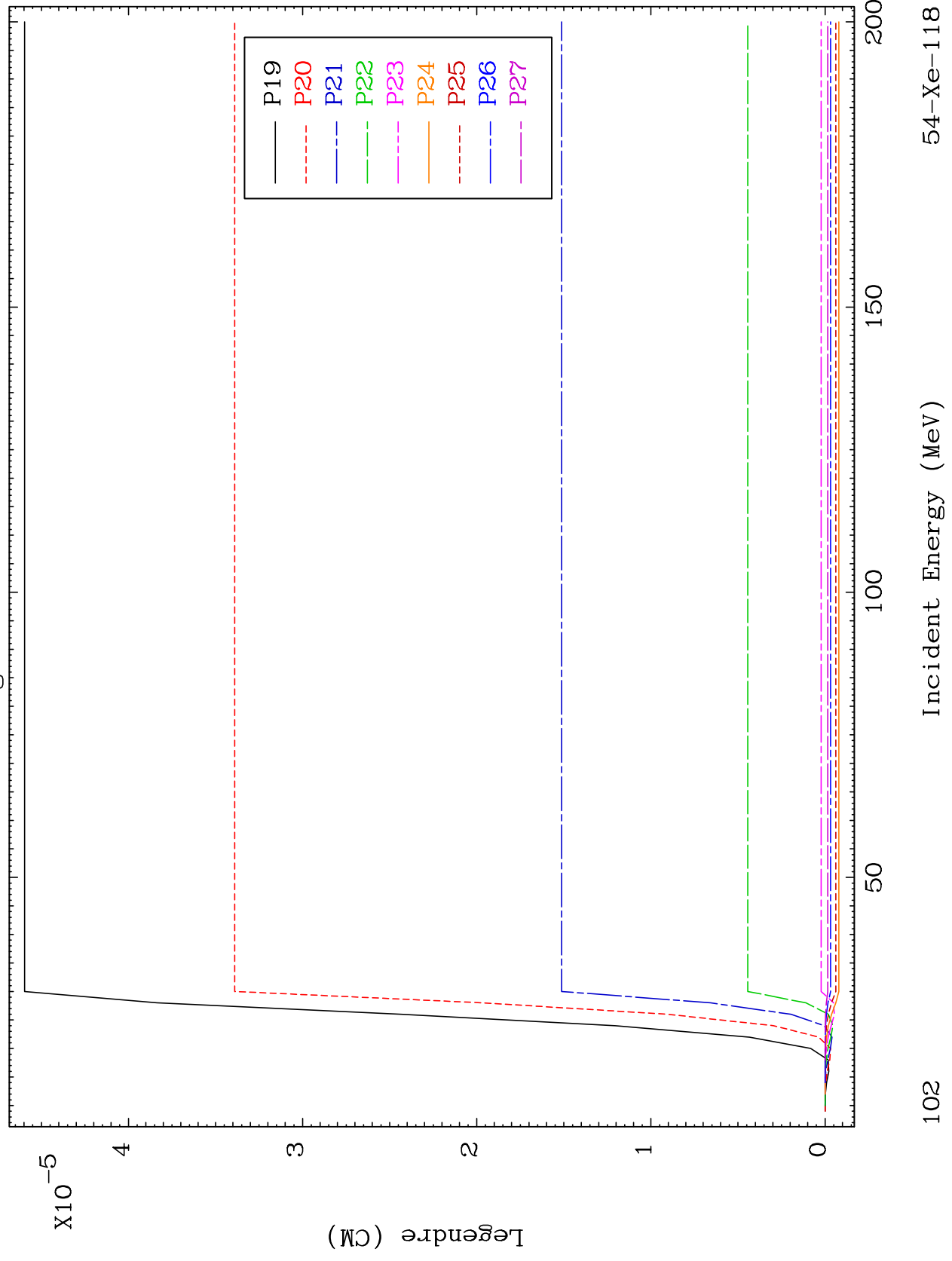
Incident Energy (MeV)

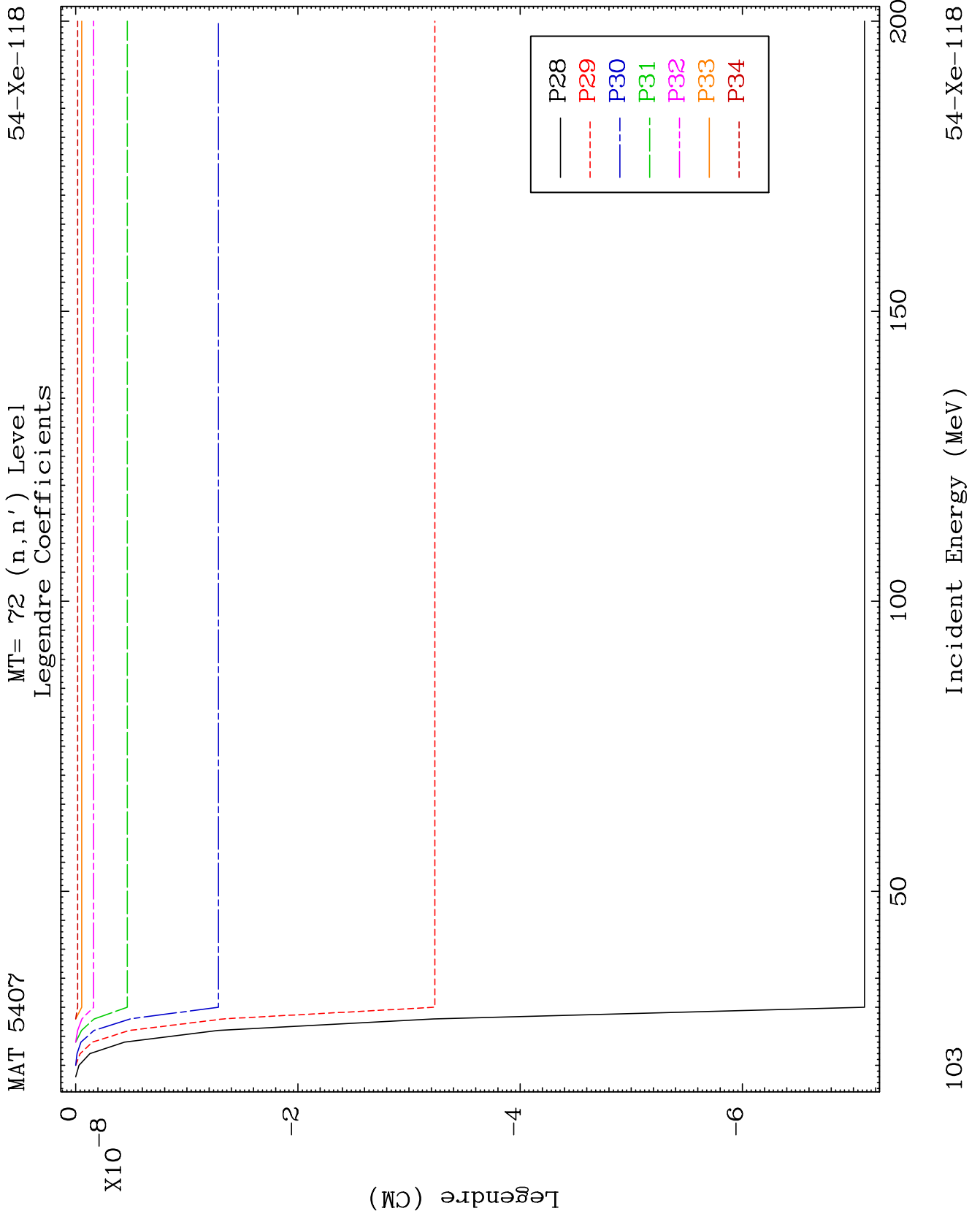
54-Xe-118

MAT 5407

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

54-Xe-118



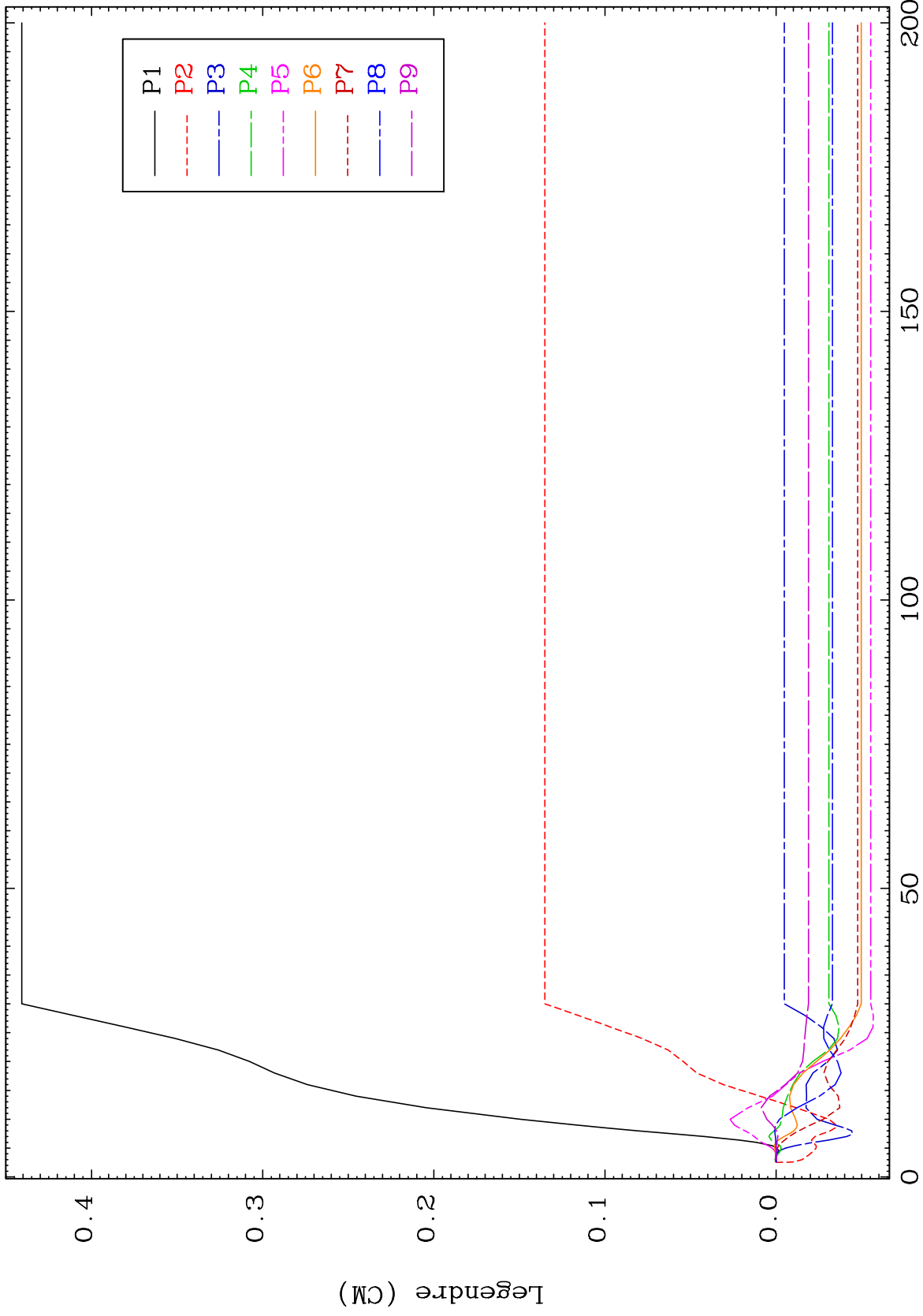




MAT 5407

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

54-Xe-118



104

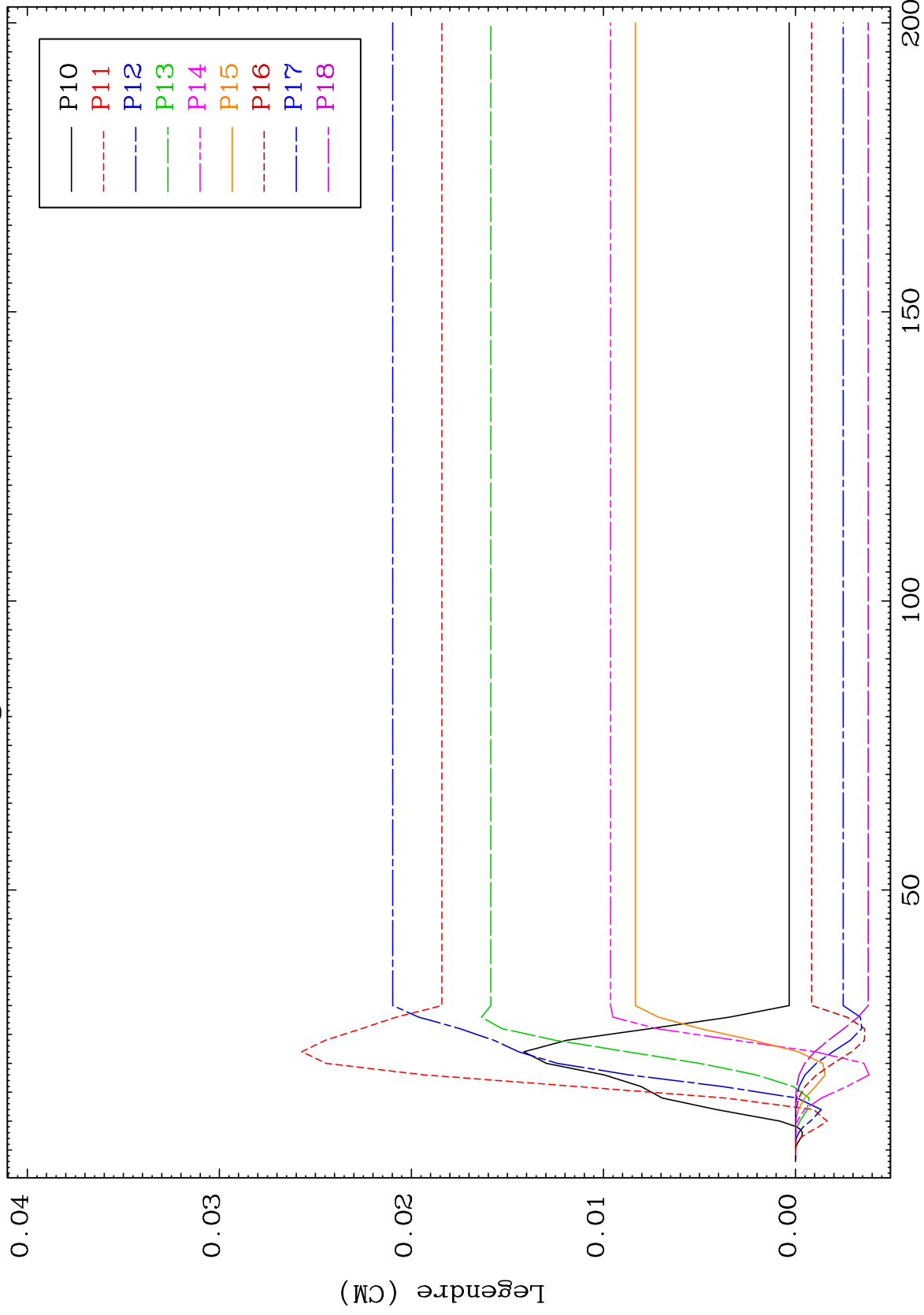
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

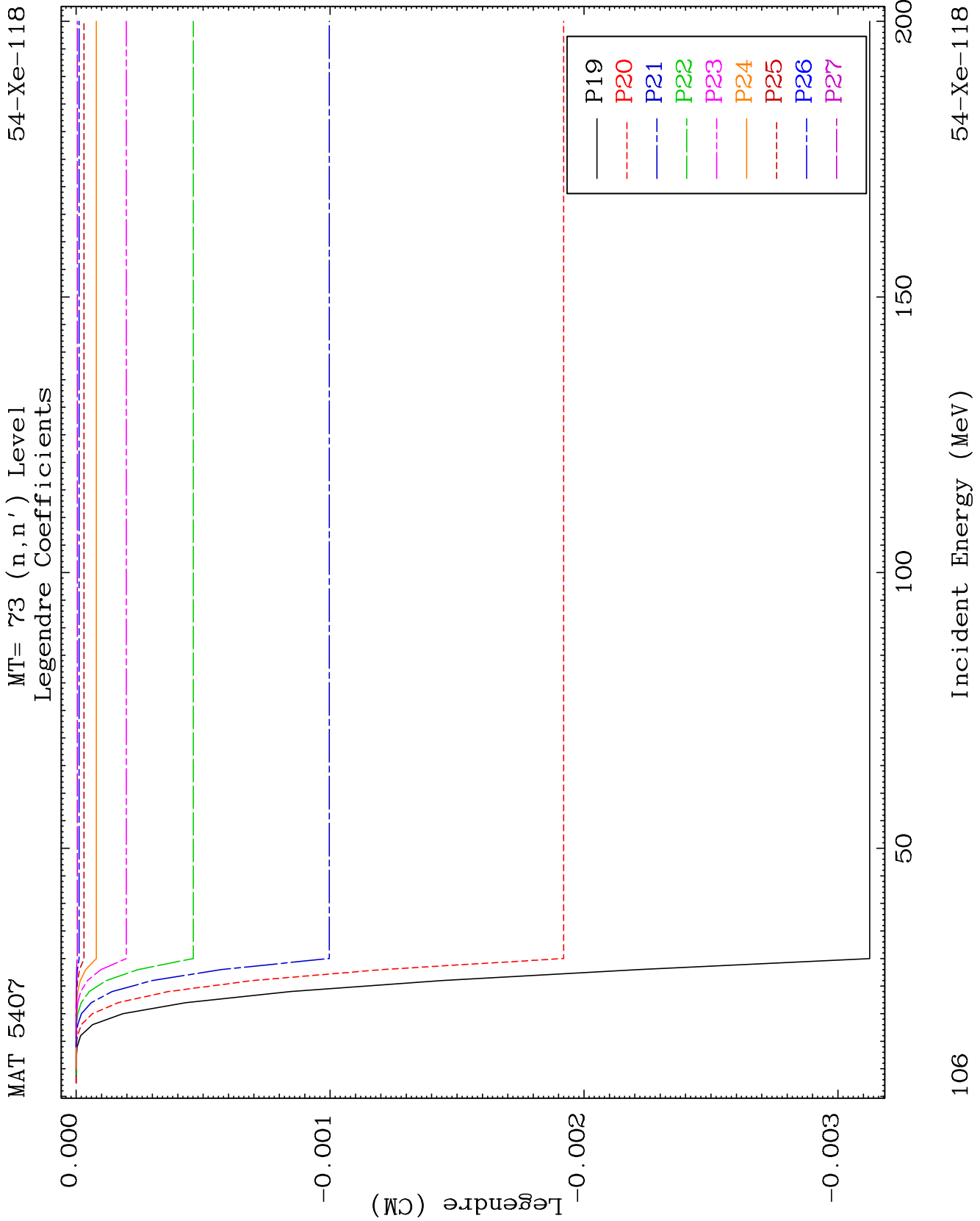
54-Xe-118

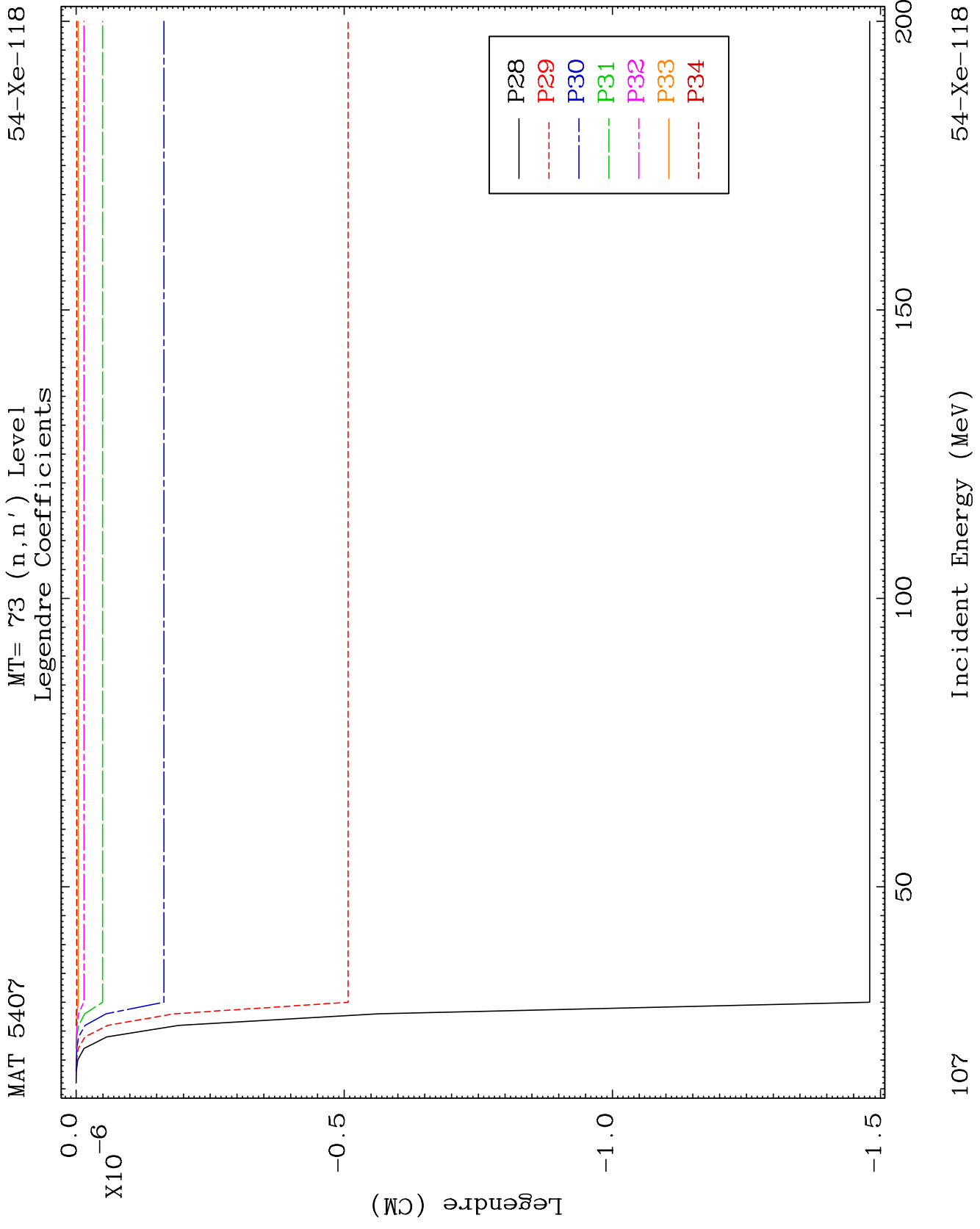


105

Incident Energy (MeV)

54-Xe-118

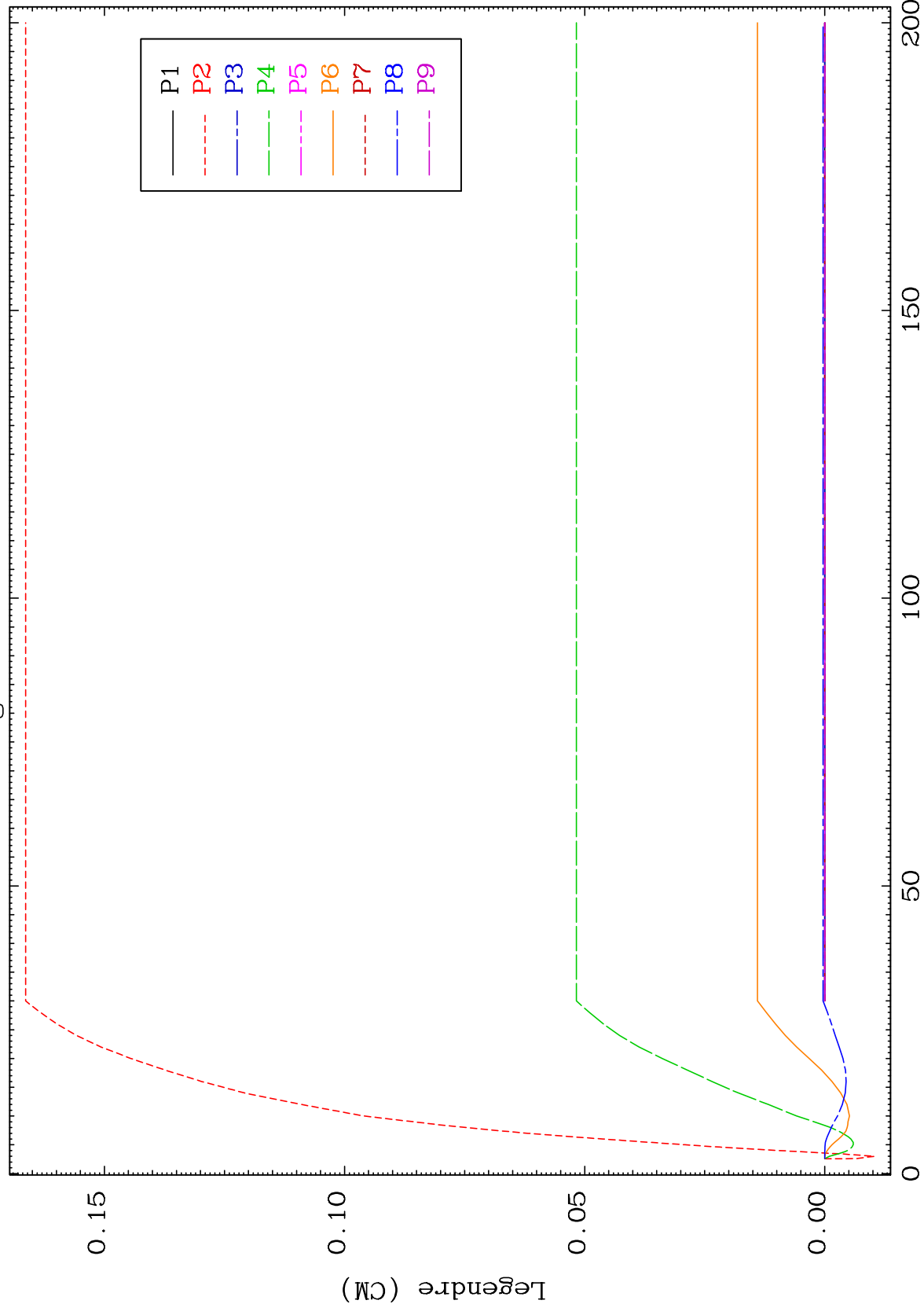




MAT 5407

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

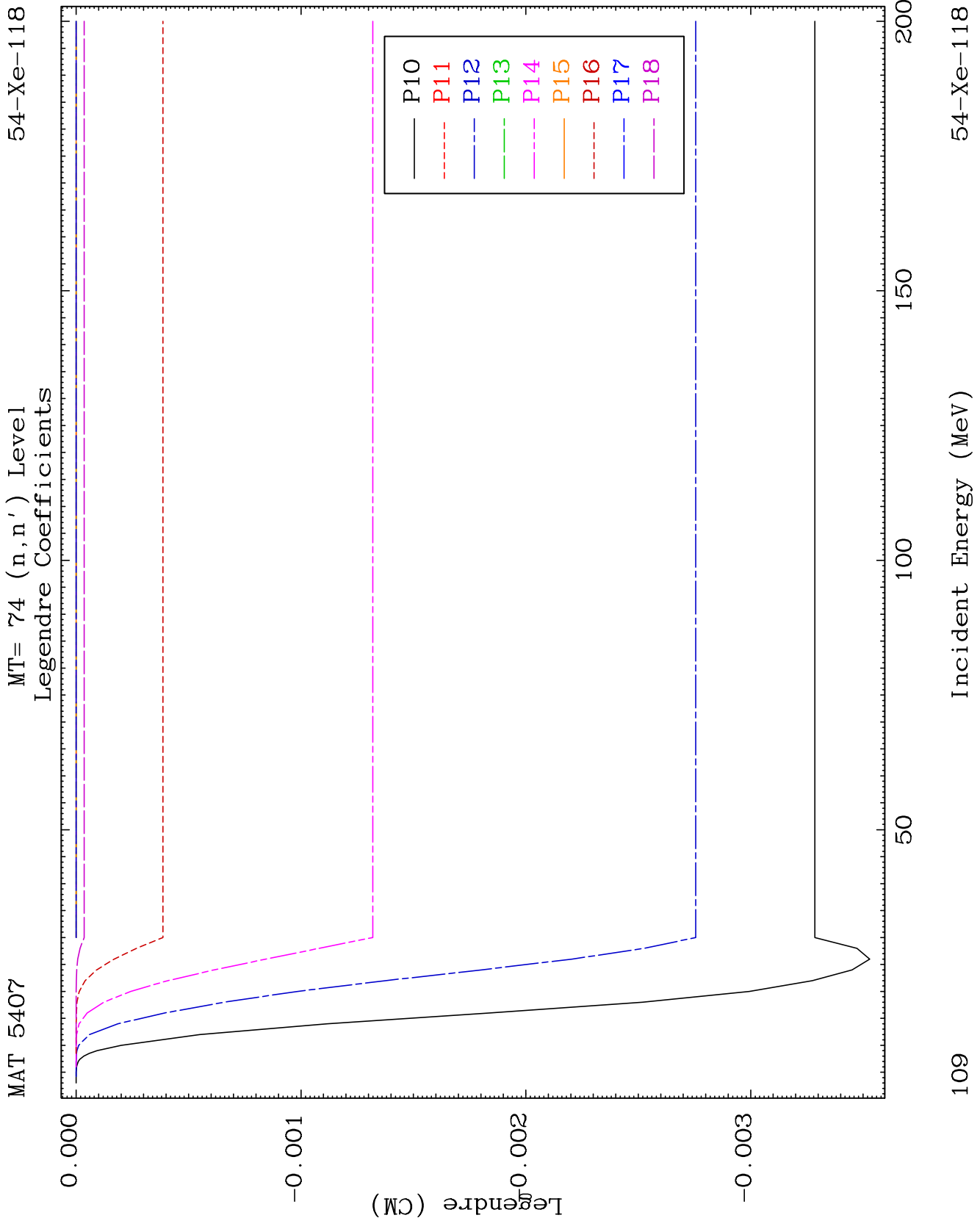
54-Xe-118

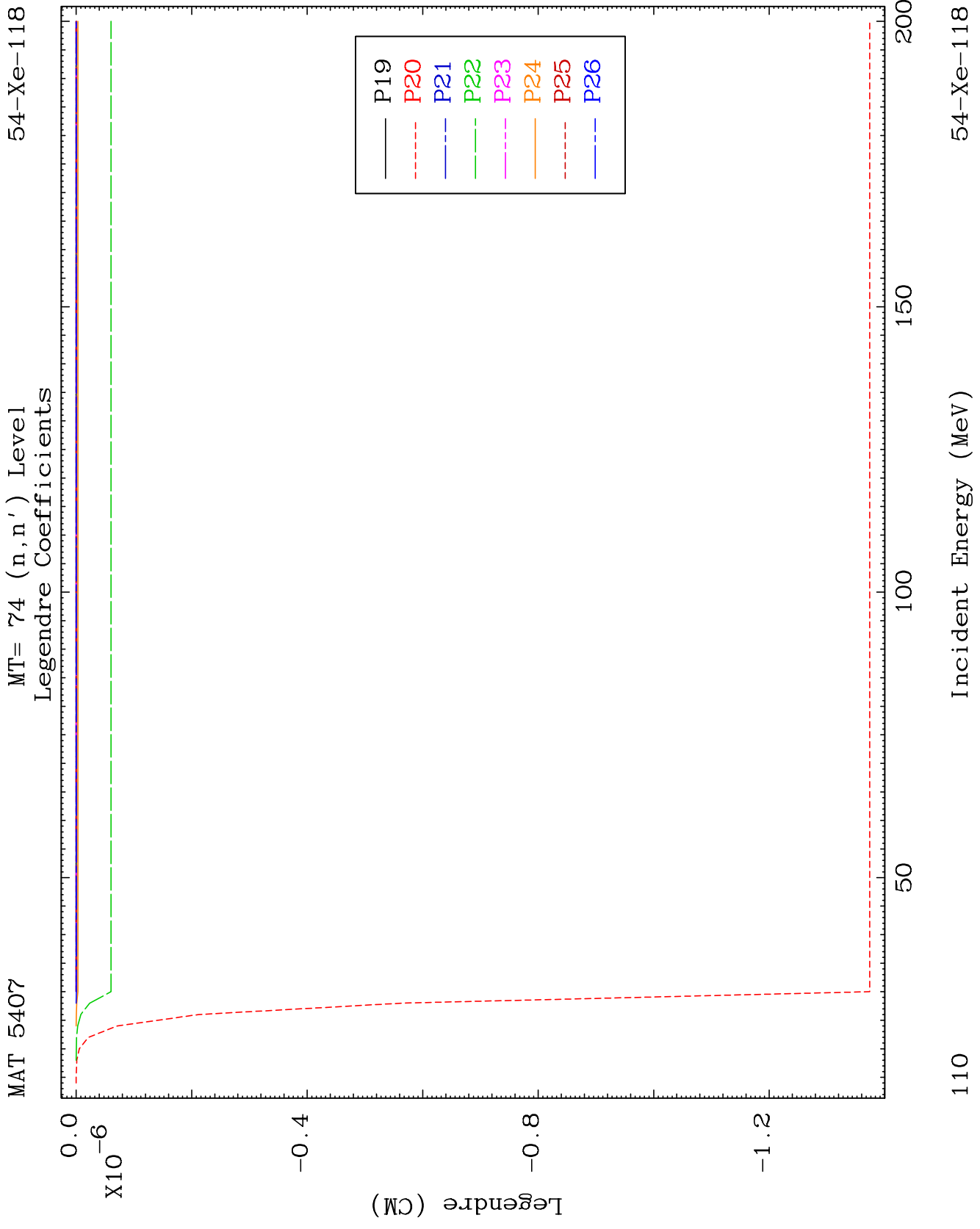


54-Xe-118

Incident Energy (MeV)

108



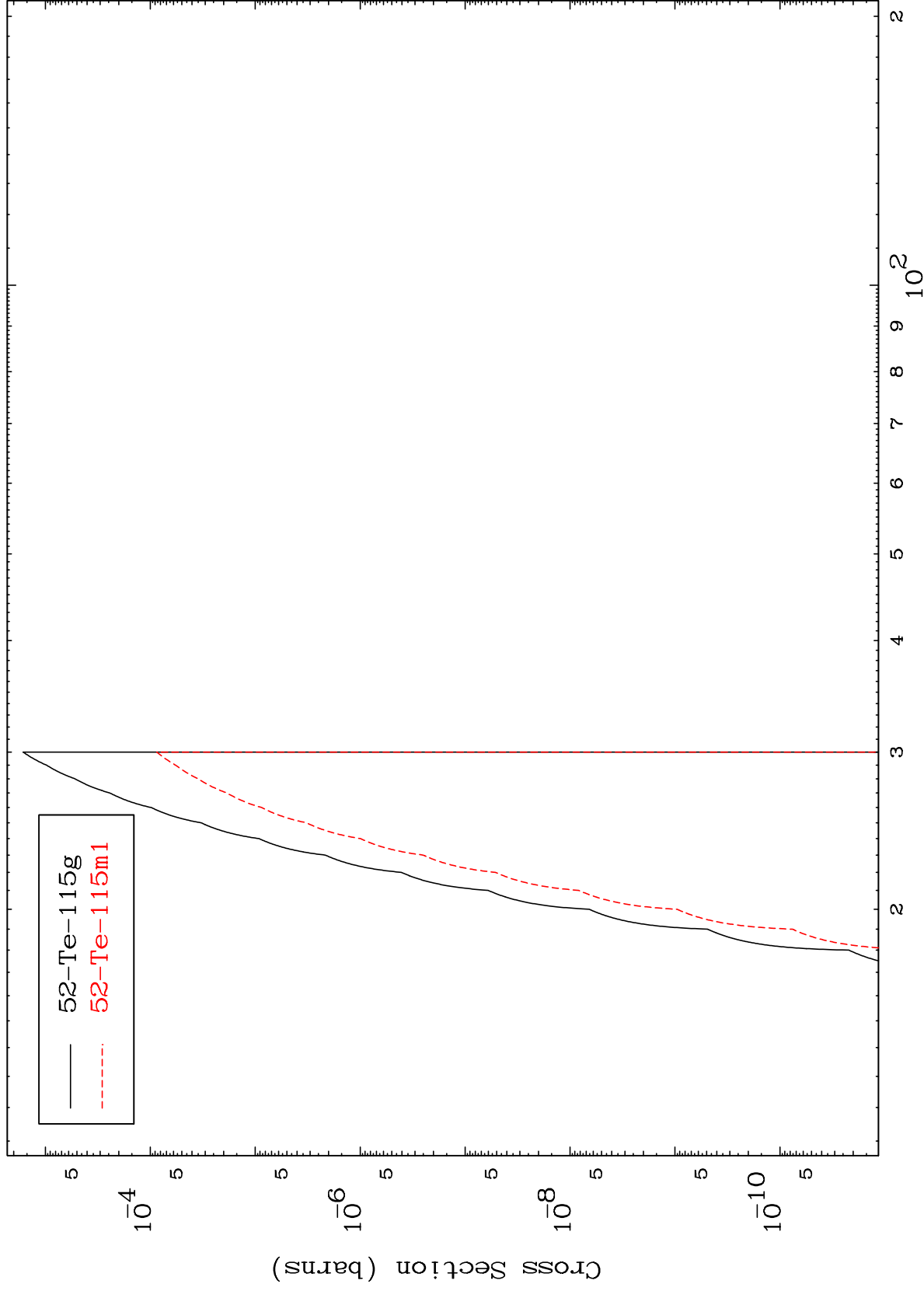


MAT 5407

(n,n') He-3

54-Xe-118

Radionuclide Production Cross Section



111

Incident Energy (MeV)

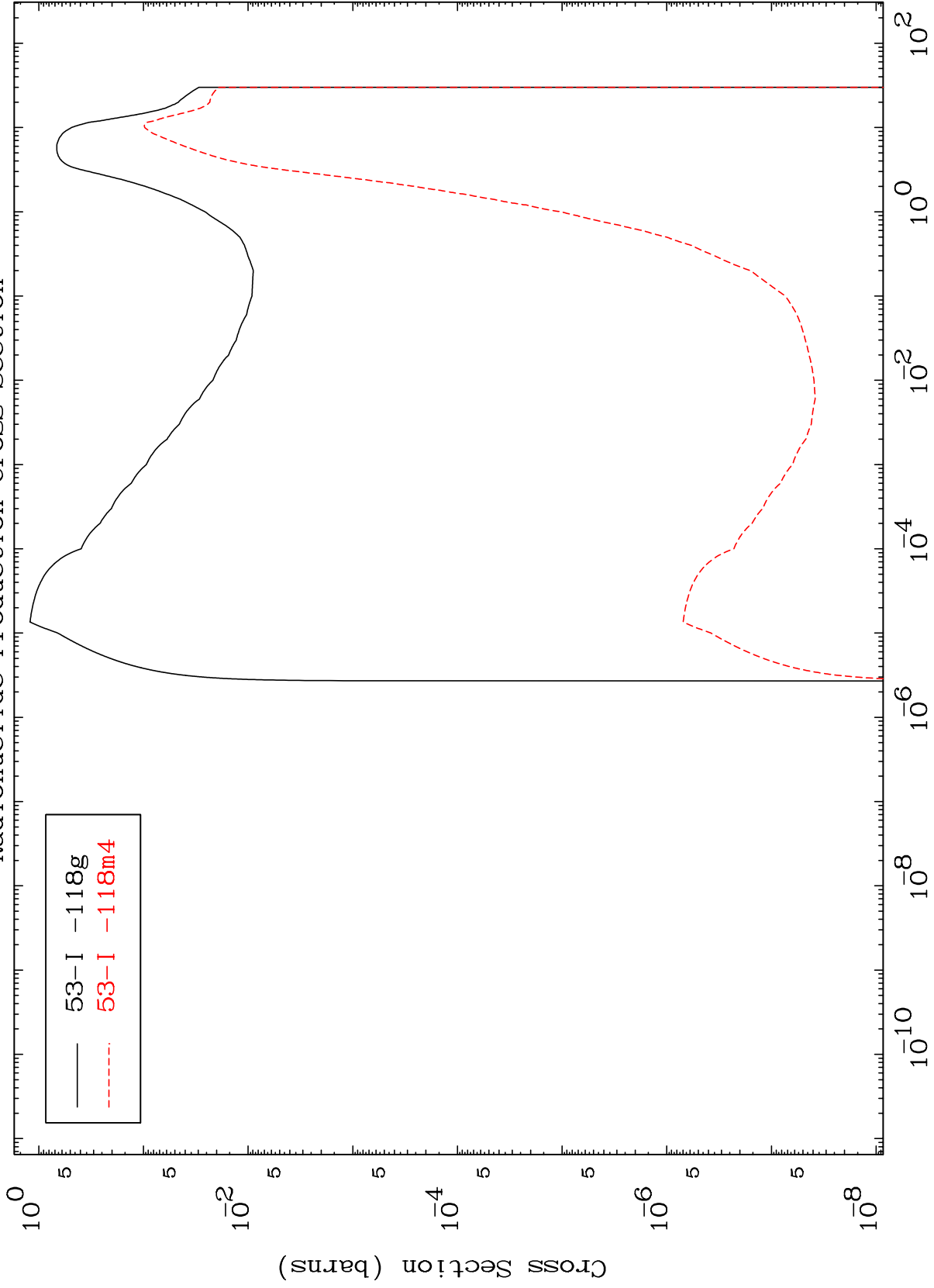
54-Xe-118



MAT 5407

54-Xe-118

(n,p)  
Radionuclide Production Cross Section



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

54-Xe-118

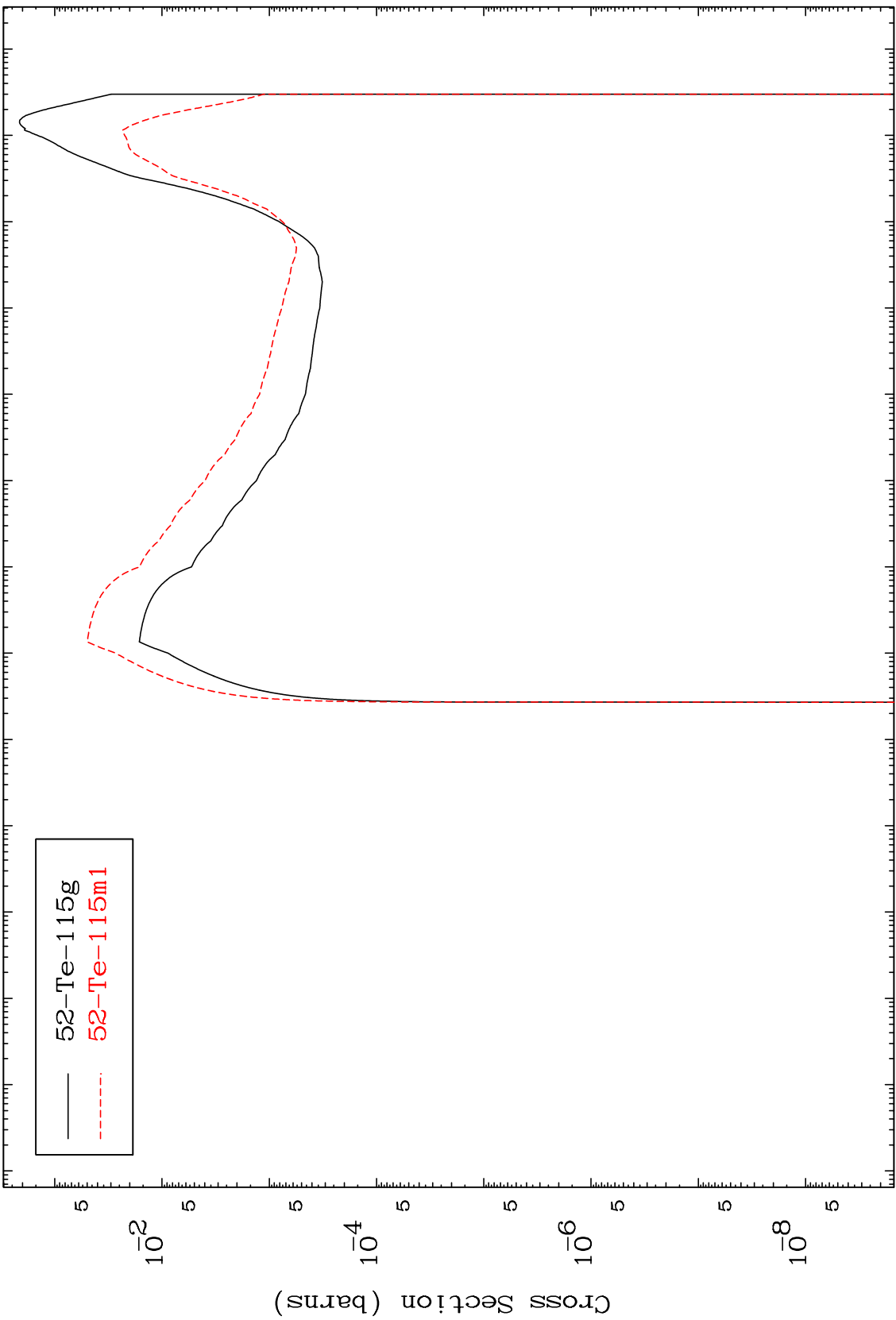
Incident Energy (MeV)

112

MAT 5407

54-Xe-118

Radionuclide Production Cross Section



54-Xe-118

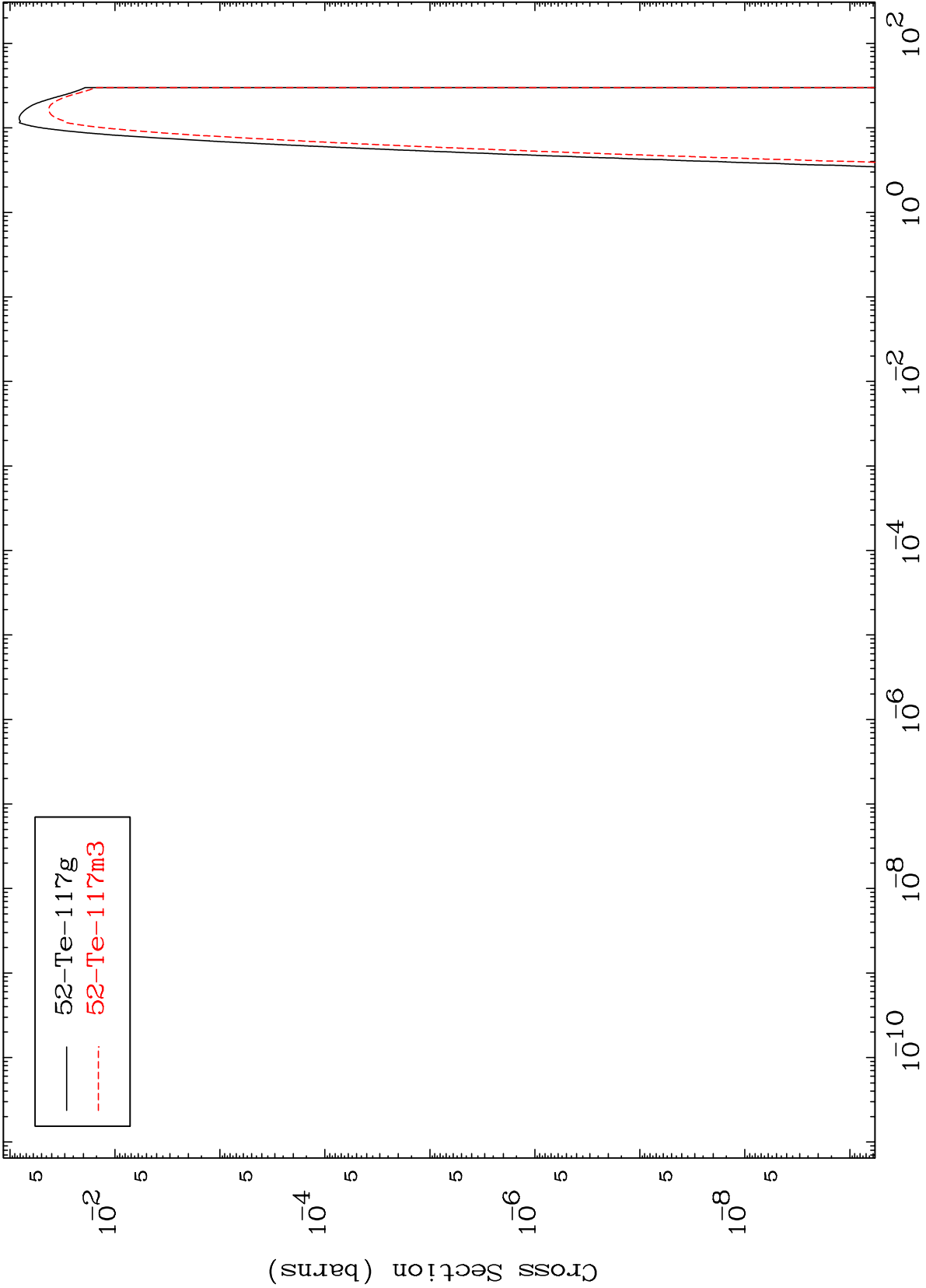
Incident Energy (MeV)

MAT 5407

(n,2p)

54-Xe-118

Radionuclide Production Cross Section



114

Incident Energy (MeV)

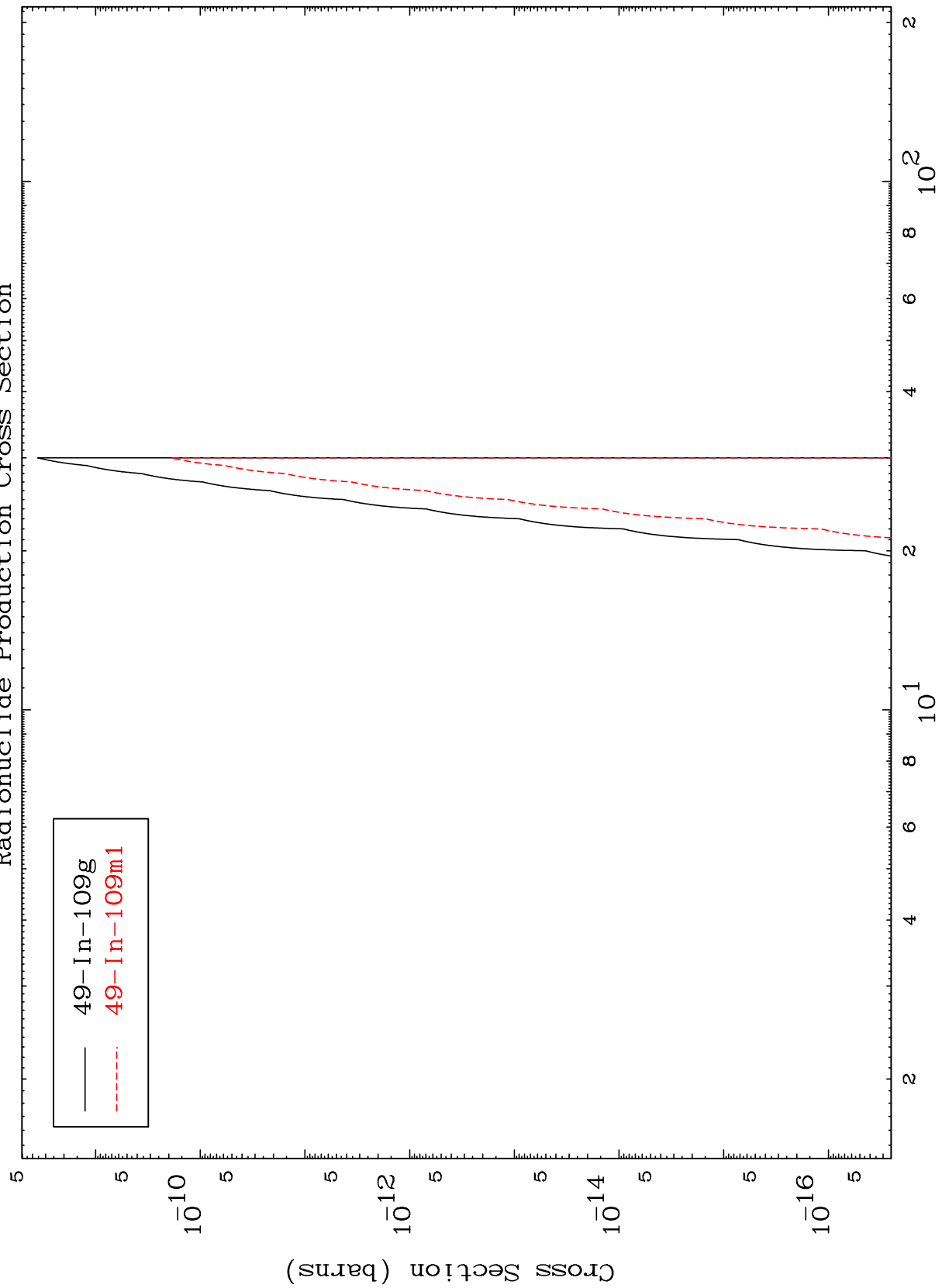
54-Xe-118

MAT 5407

(n,d) 2 $\alpha$

54-Xe-118

Radionuclide Production Cross Section



115

Incident Energy (MeV)

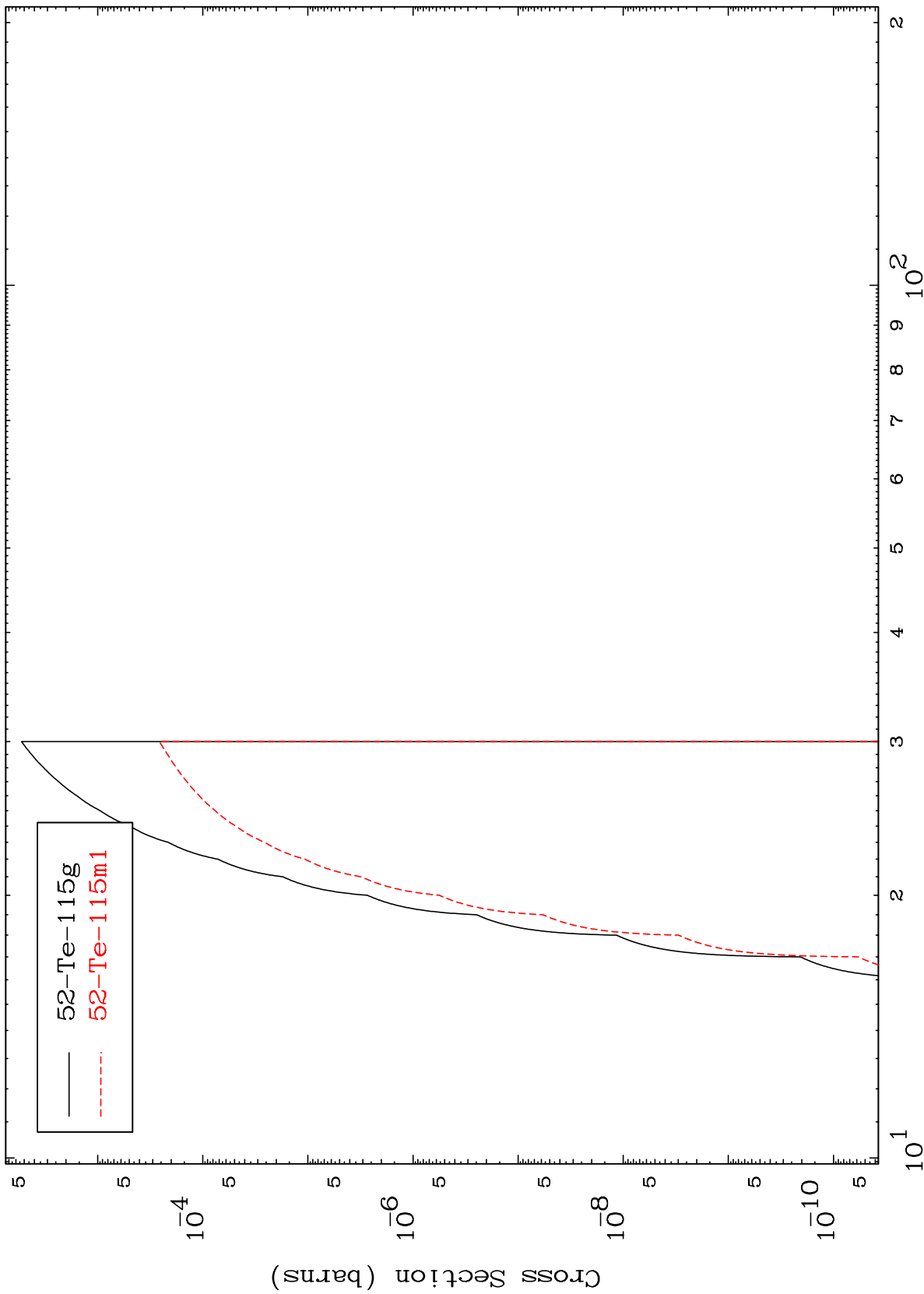
54-Xe-118

MAT 5407

(n,p) t

54-Xe-118

Radionuclide Production Cross Section



116

Incident Energy (MeV)

54-Xe-118