

Program EVALPLOT
(Version 2017-1)

by

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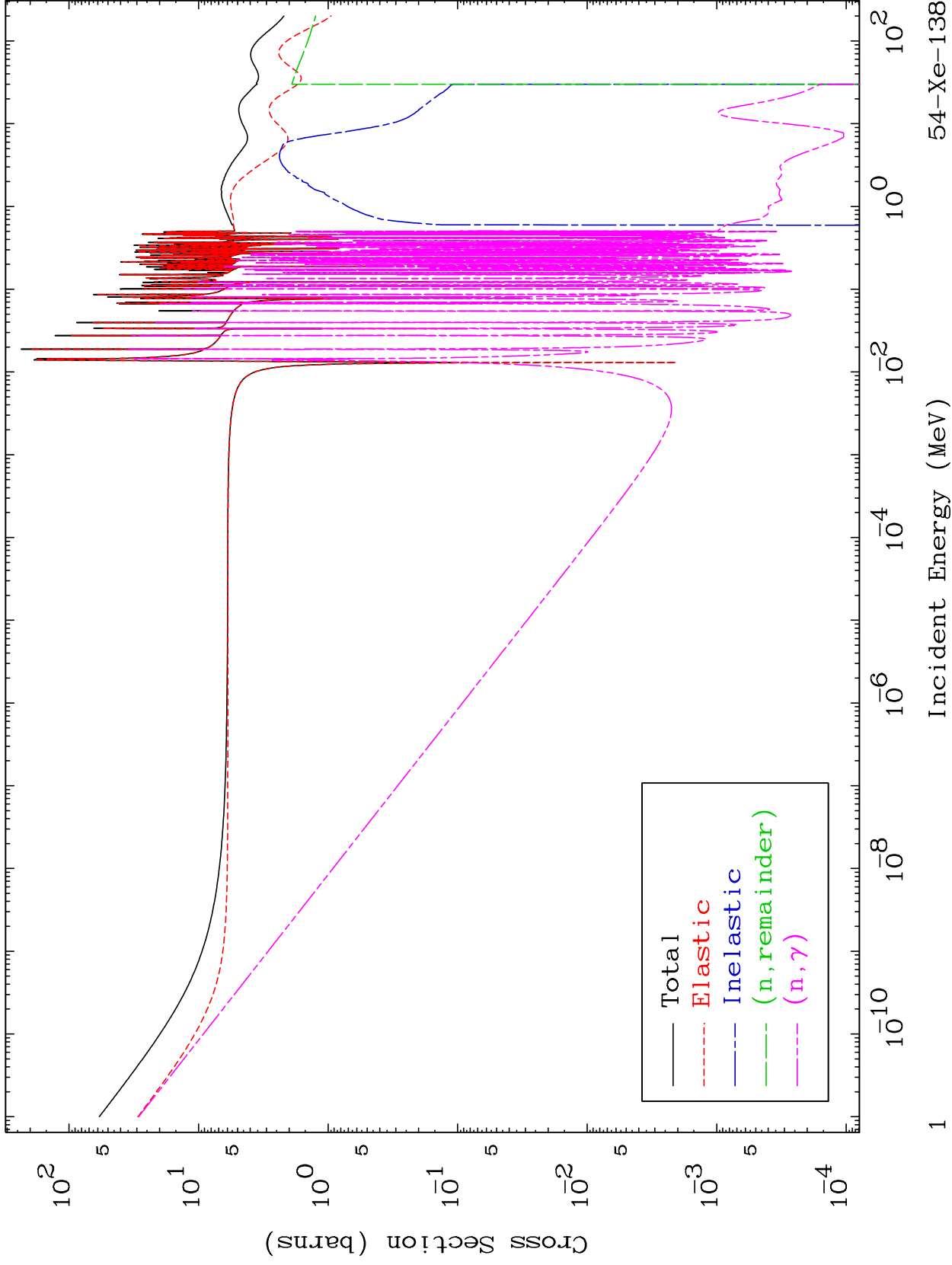
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5467

Major
293 Kelvin Cross Sections

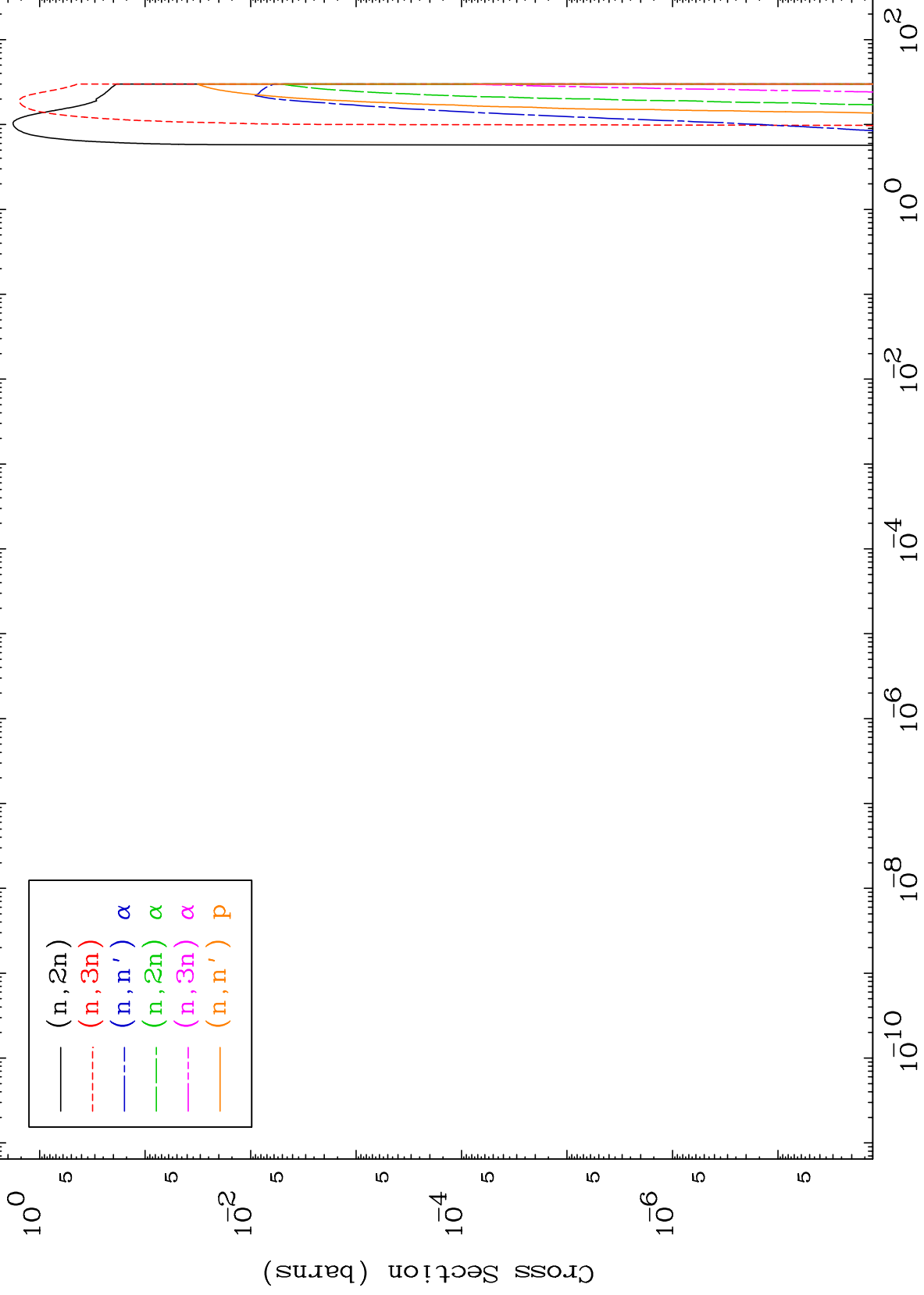
54-Xe-138

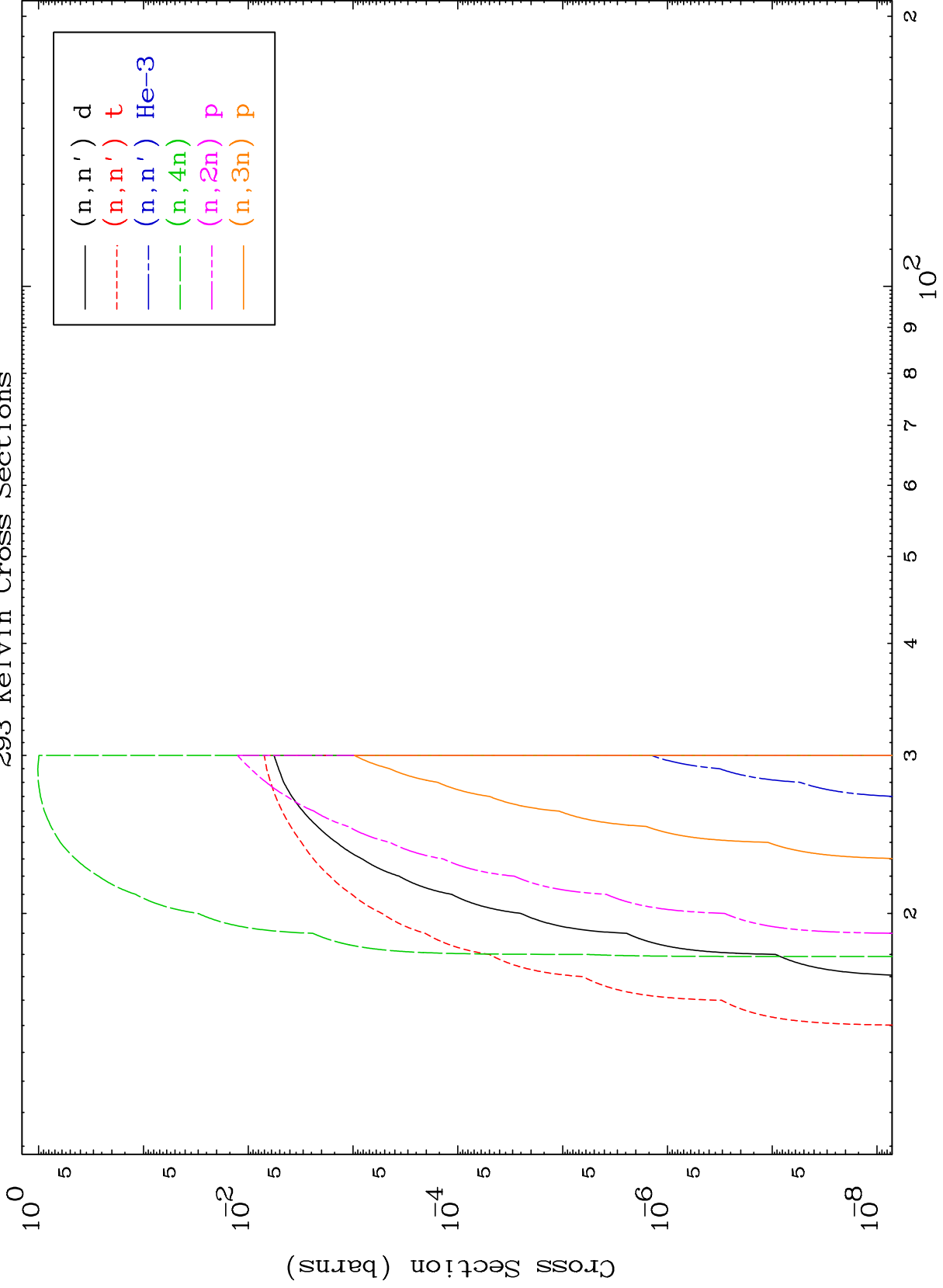


MAT 5467

Neutron Production
293 Kelvin Cross Sections

54-Xe-138

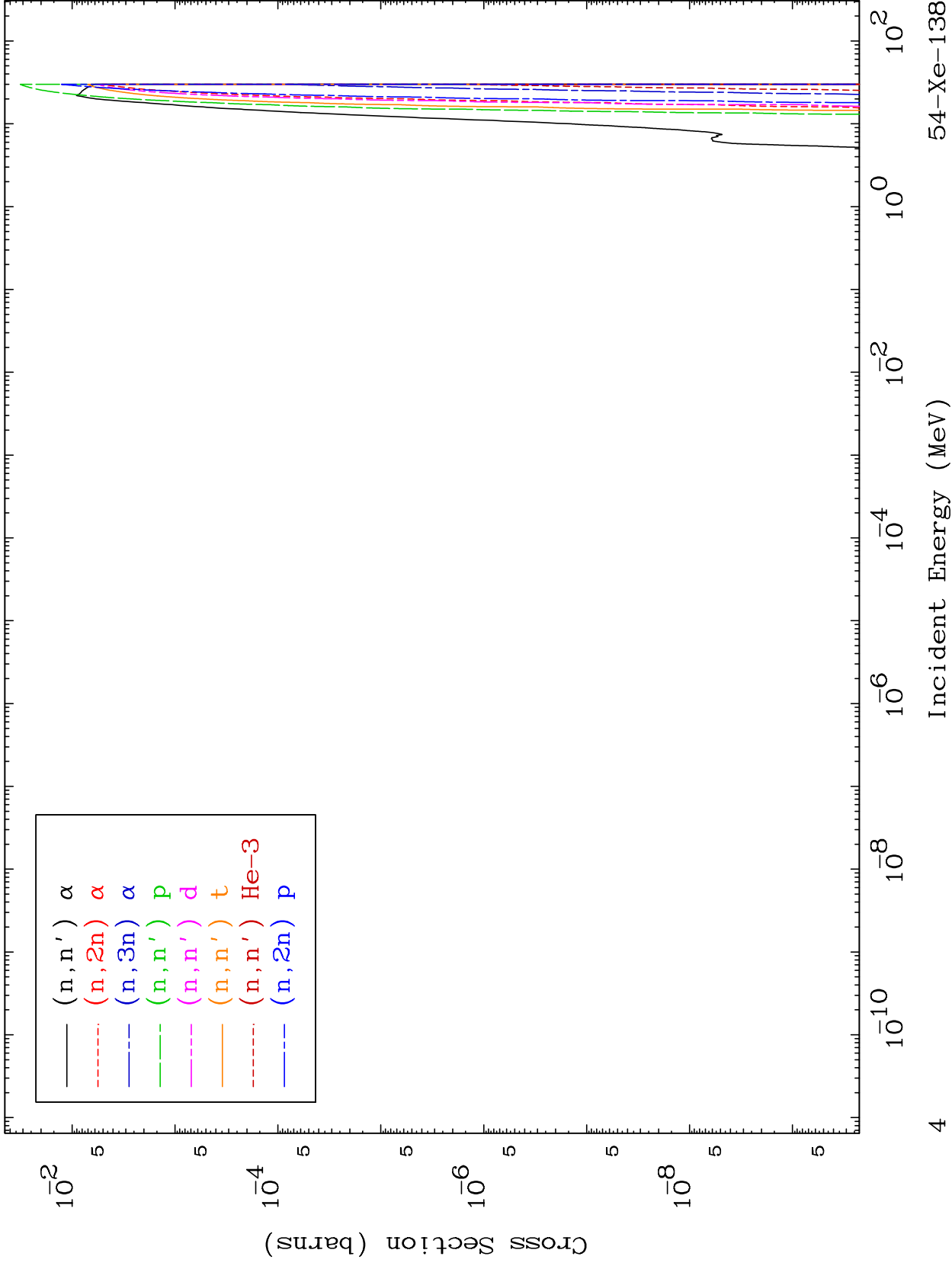


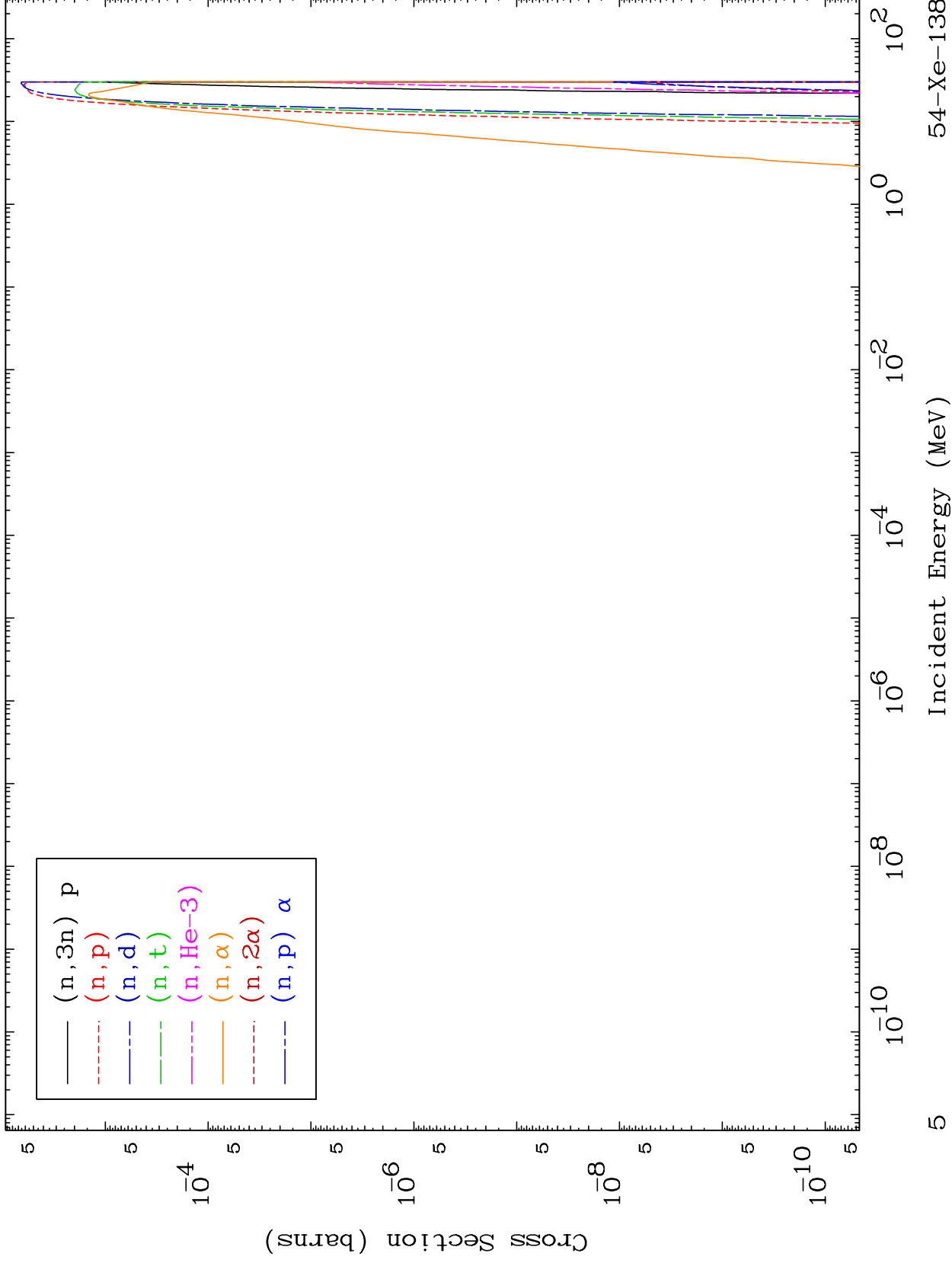


MAT 5467

Charged Particle
293 Kelvin Cross Sections

54-Xe-138

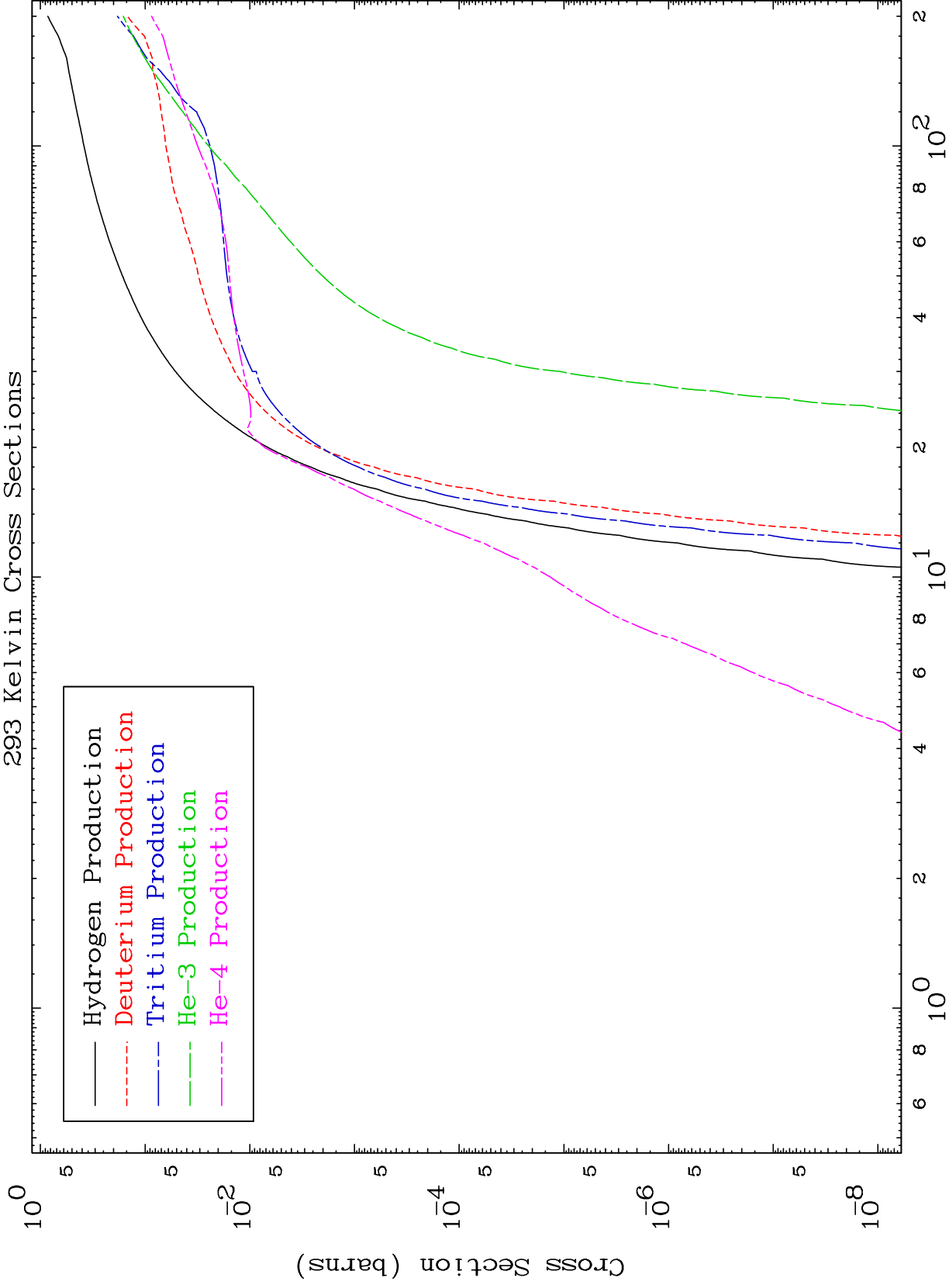




MAT 5467

Particle Production
293 Kelvin Cross Sections

54-Xe-138



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Incident Energy (MeV)

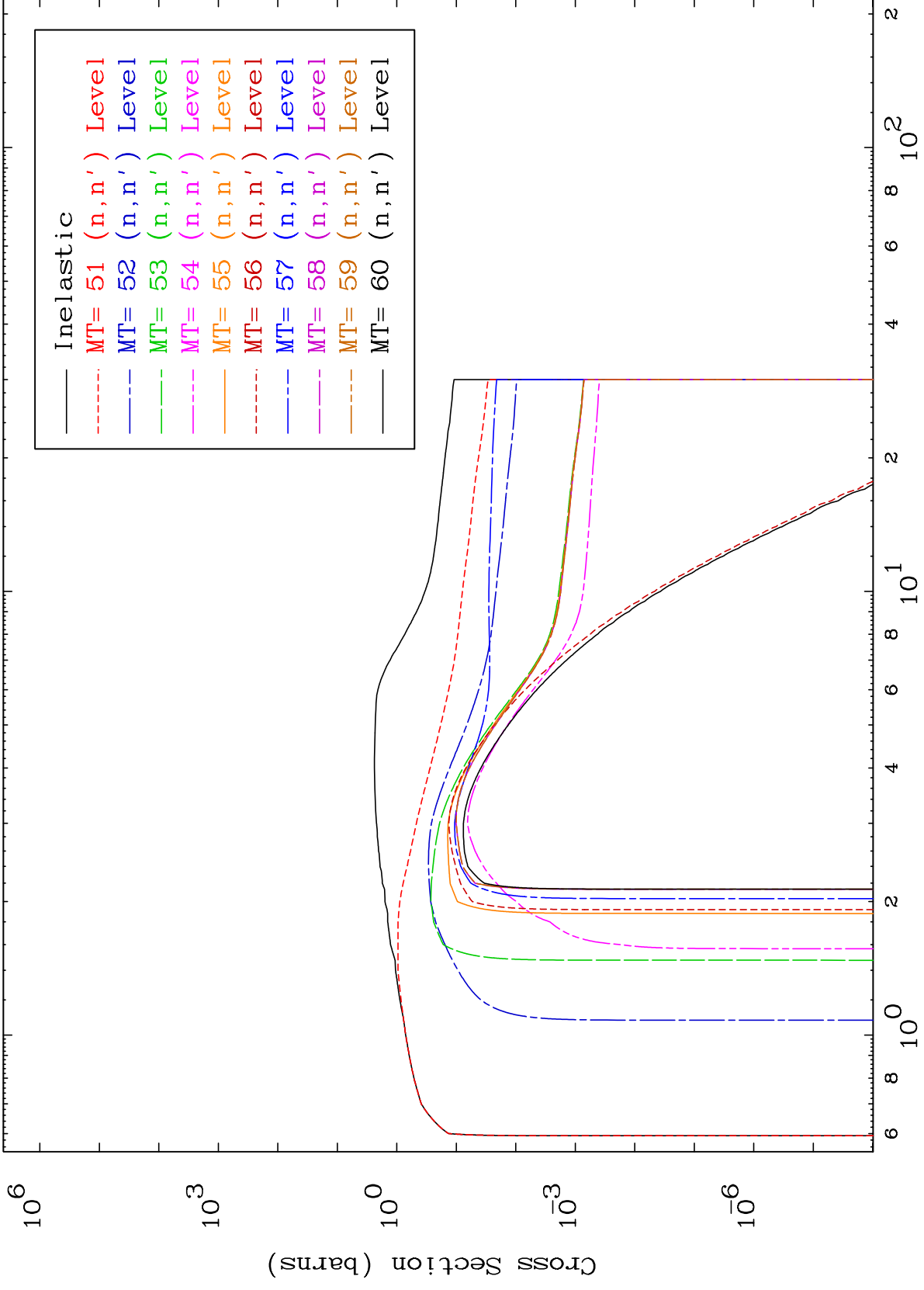
54-Xe-138

MAT 5467

(n,n') Level

54-Xe-138

293 Kelvin Cross Sections



Incident Energy (MeV)

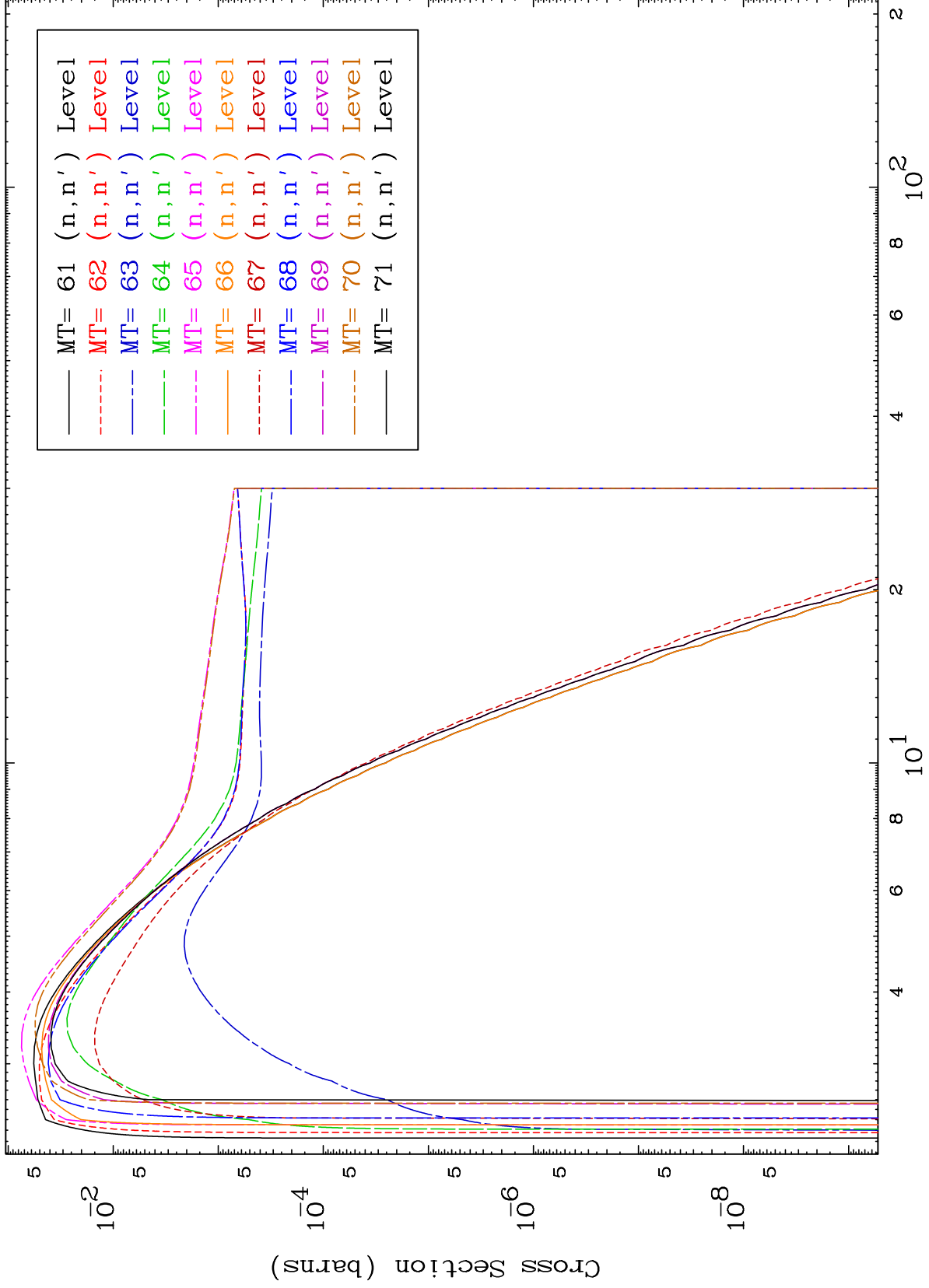
54-Xe-138

MAT 5467

(n,n') Level

54-Xe-138

293 Kelvin Cross Sections

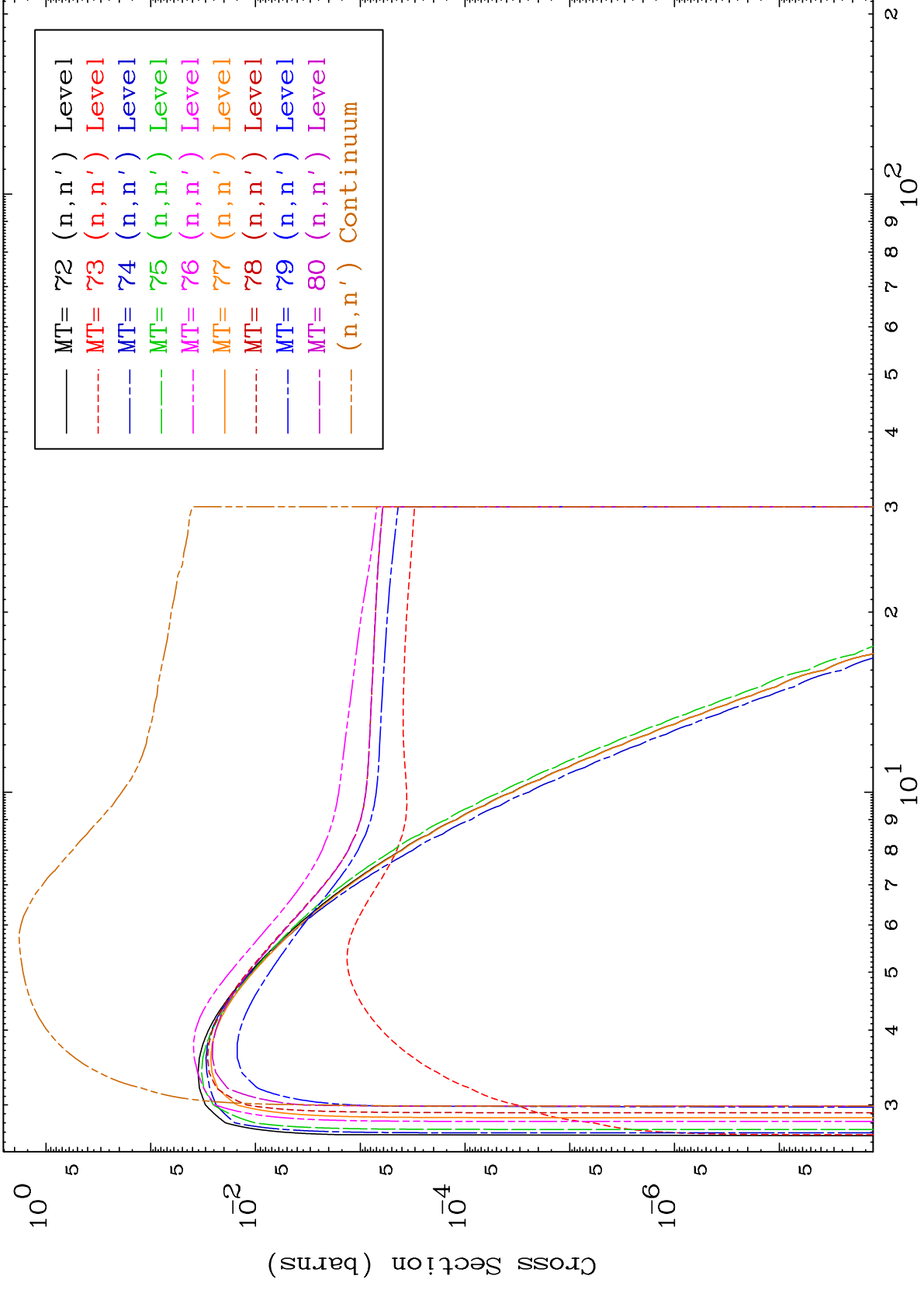


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Incident Energy (MeV)

54-Xe-138

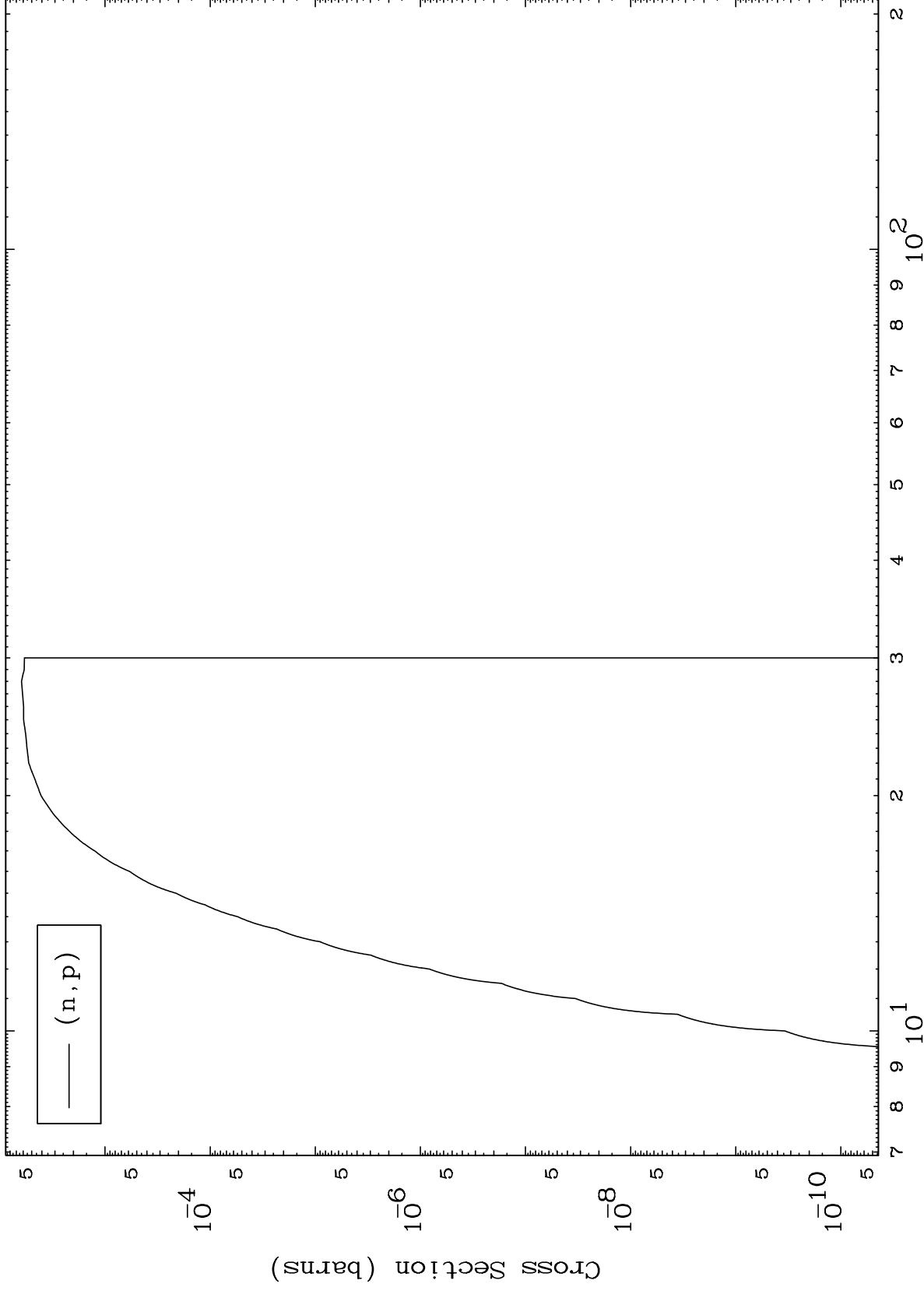
293 Kelvin Cross Sections



MAT 5467

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-138



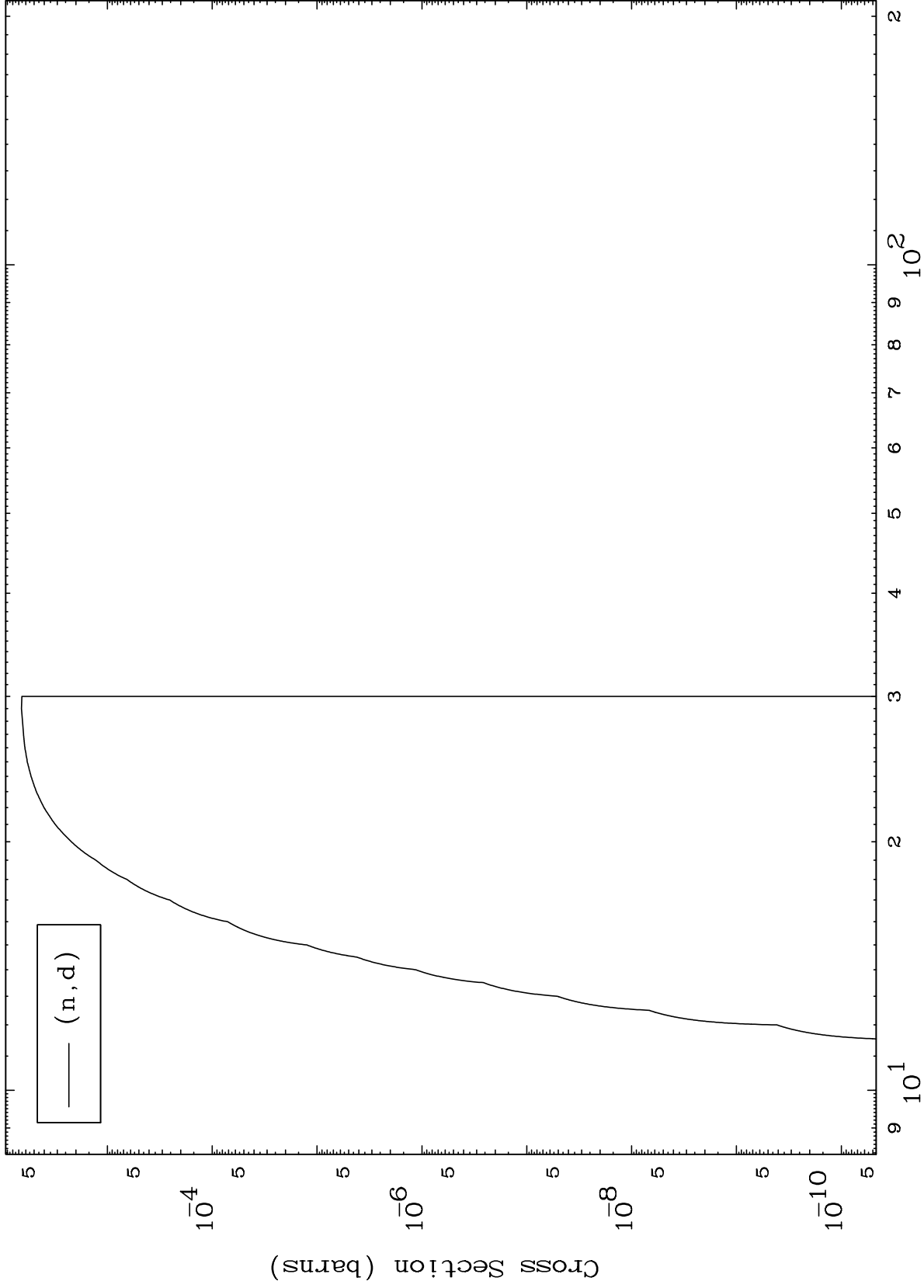
Incident Energy (MeV)

54-Xe-138

MAT 5467

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-138



11

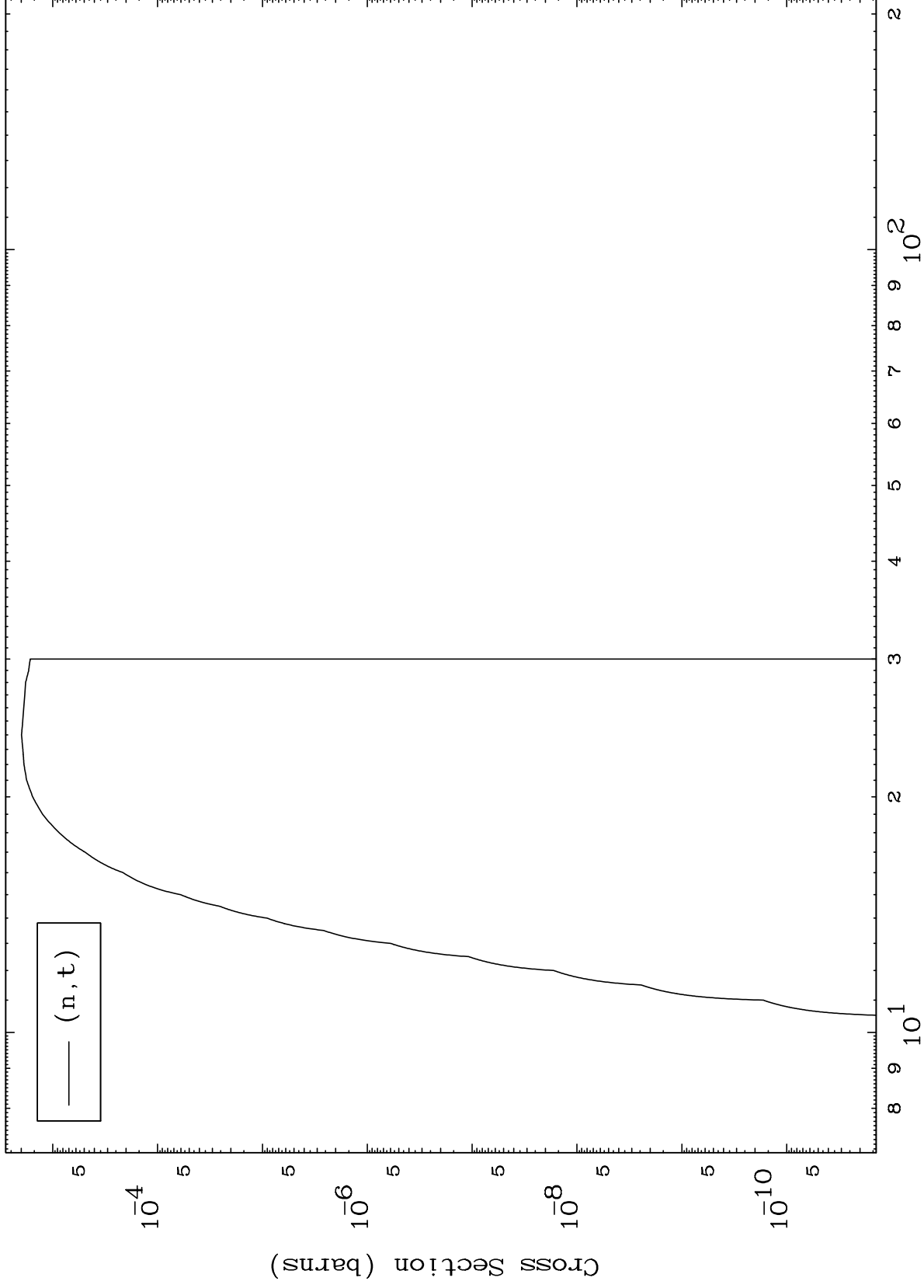
Incident Energy (MeV)

54-Xe-138

MAT 5467

(n,t) Levels
293 Kelvin Cross Sections

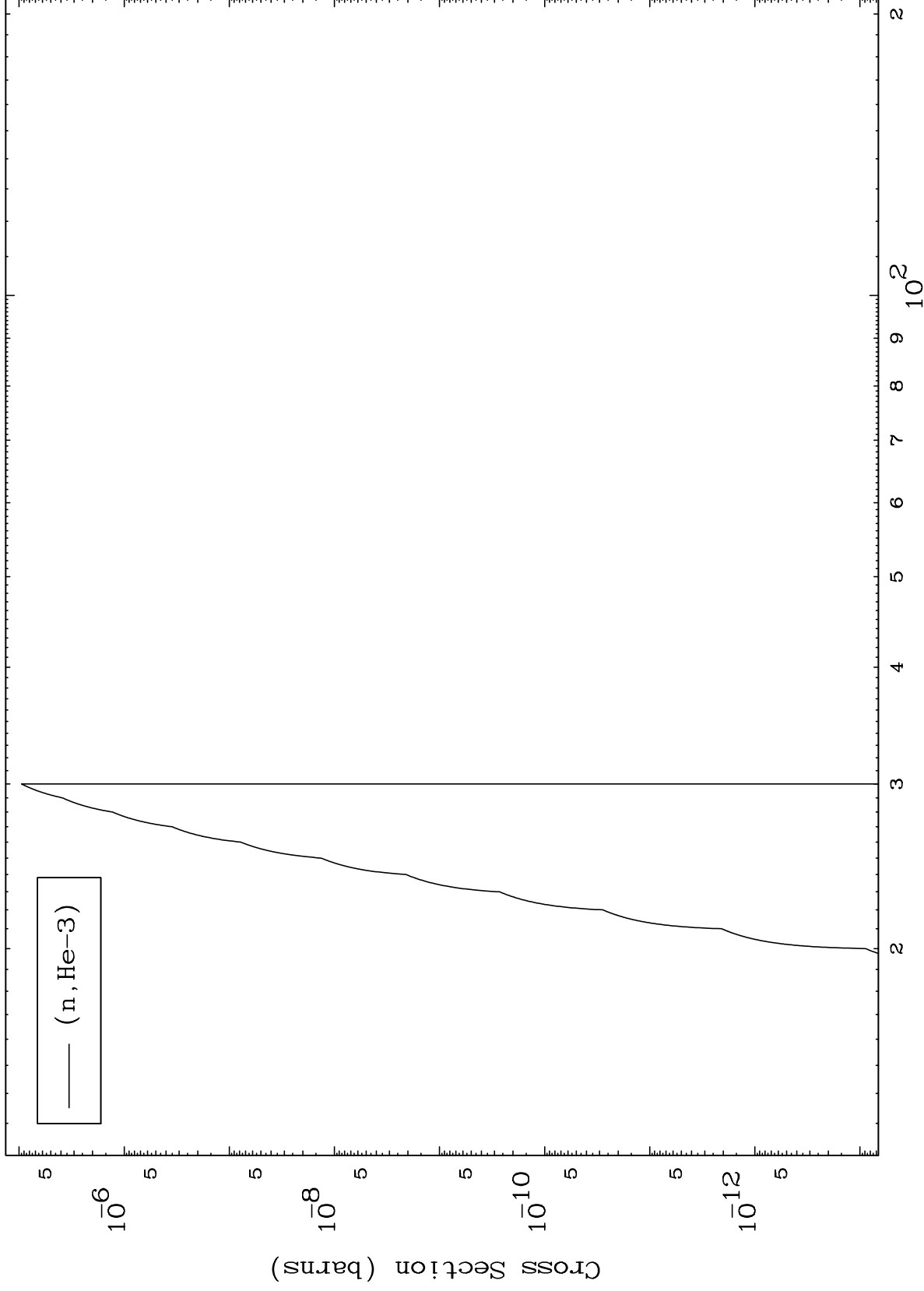
54-Xe-138



12

Incident Energy (MeV)

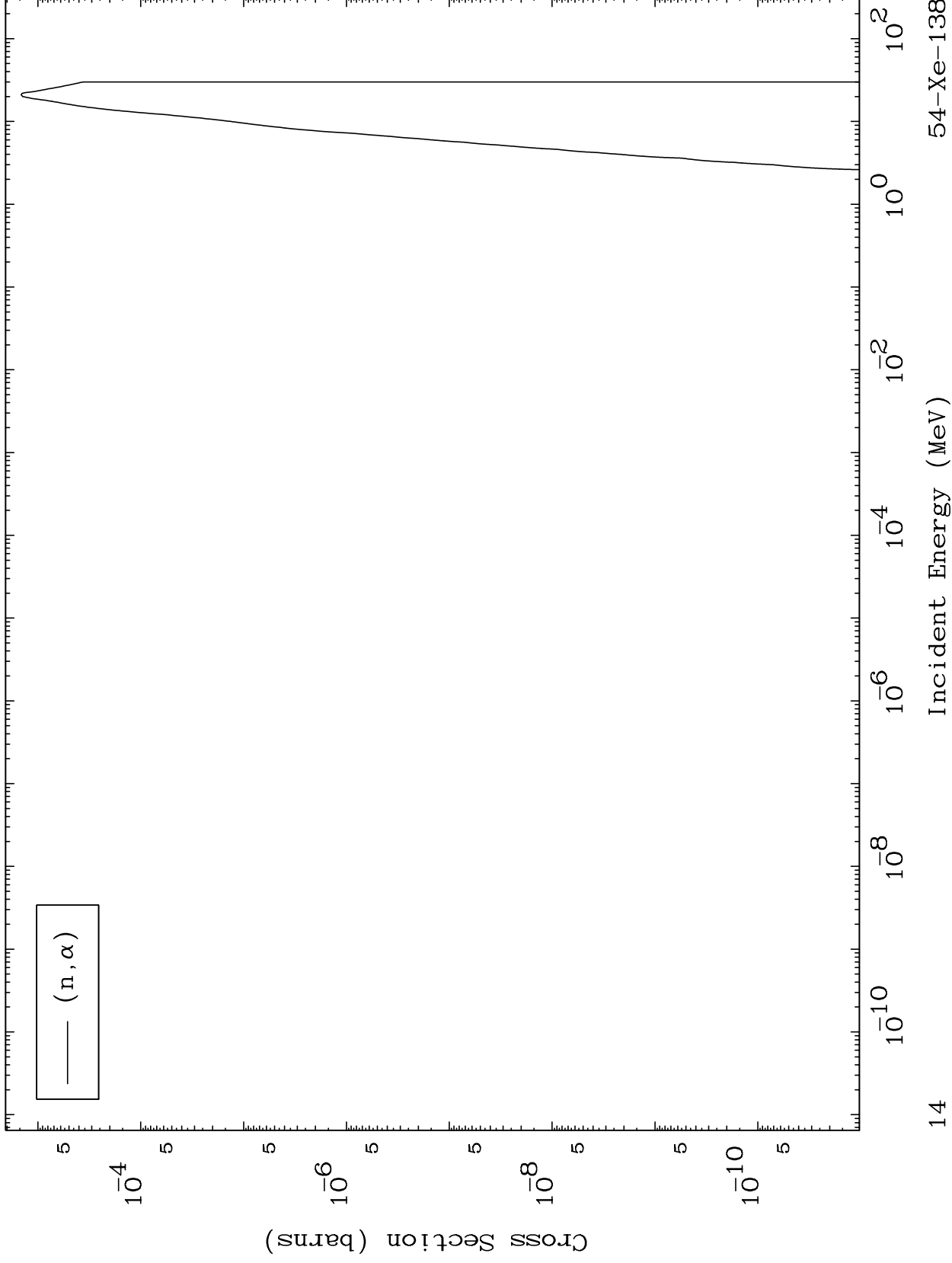
54-Xe-138

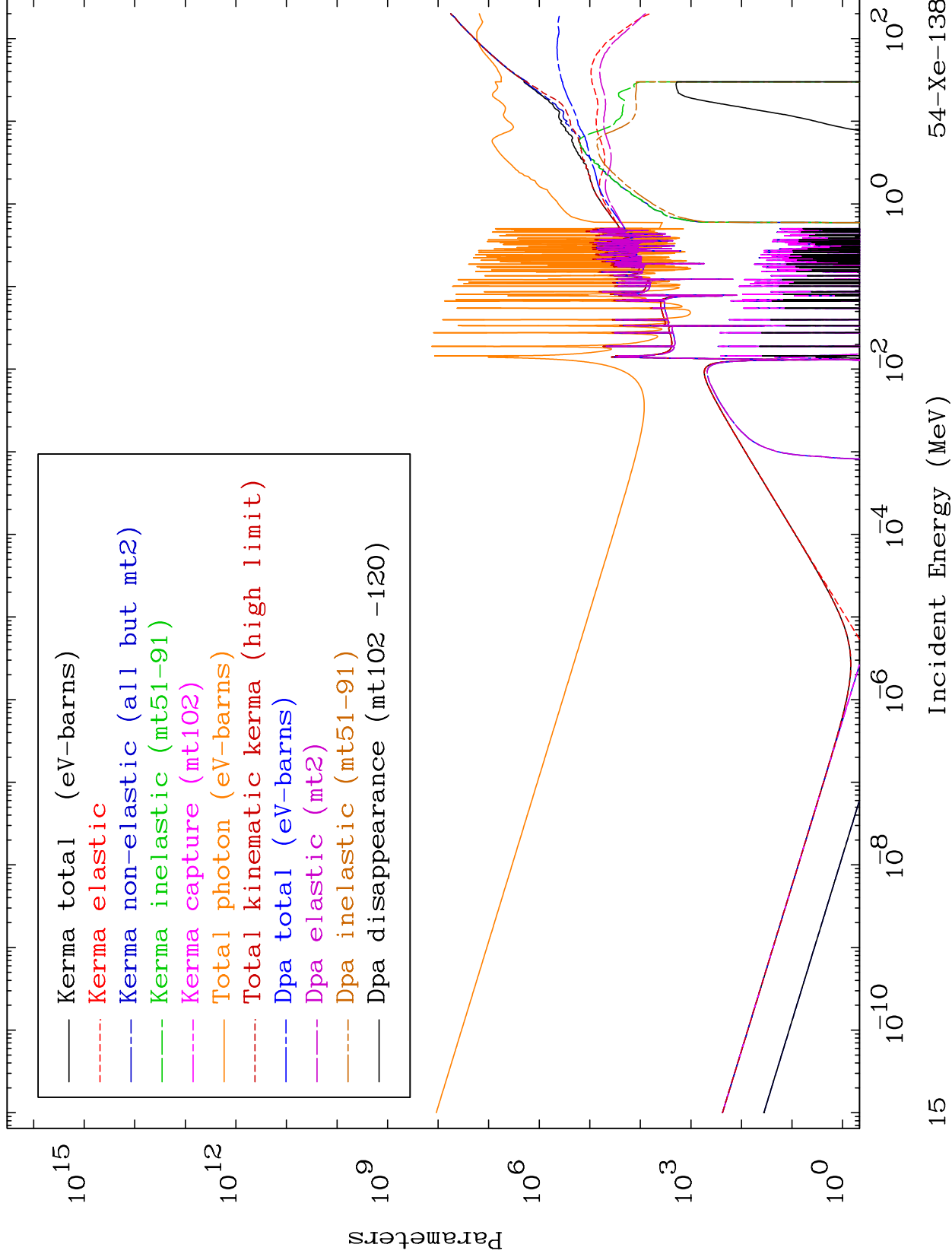


MAT 5467

(n, α) Levels
293 Kelvin Cross Sections

54-Xe-138

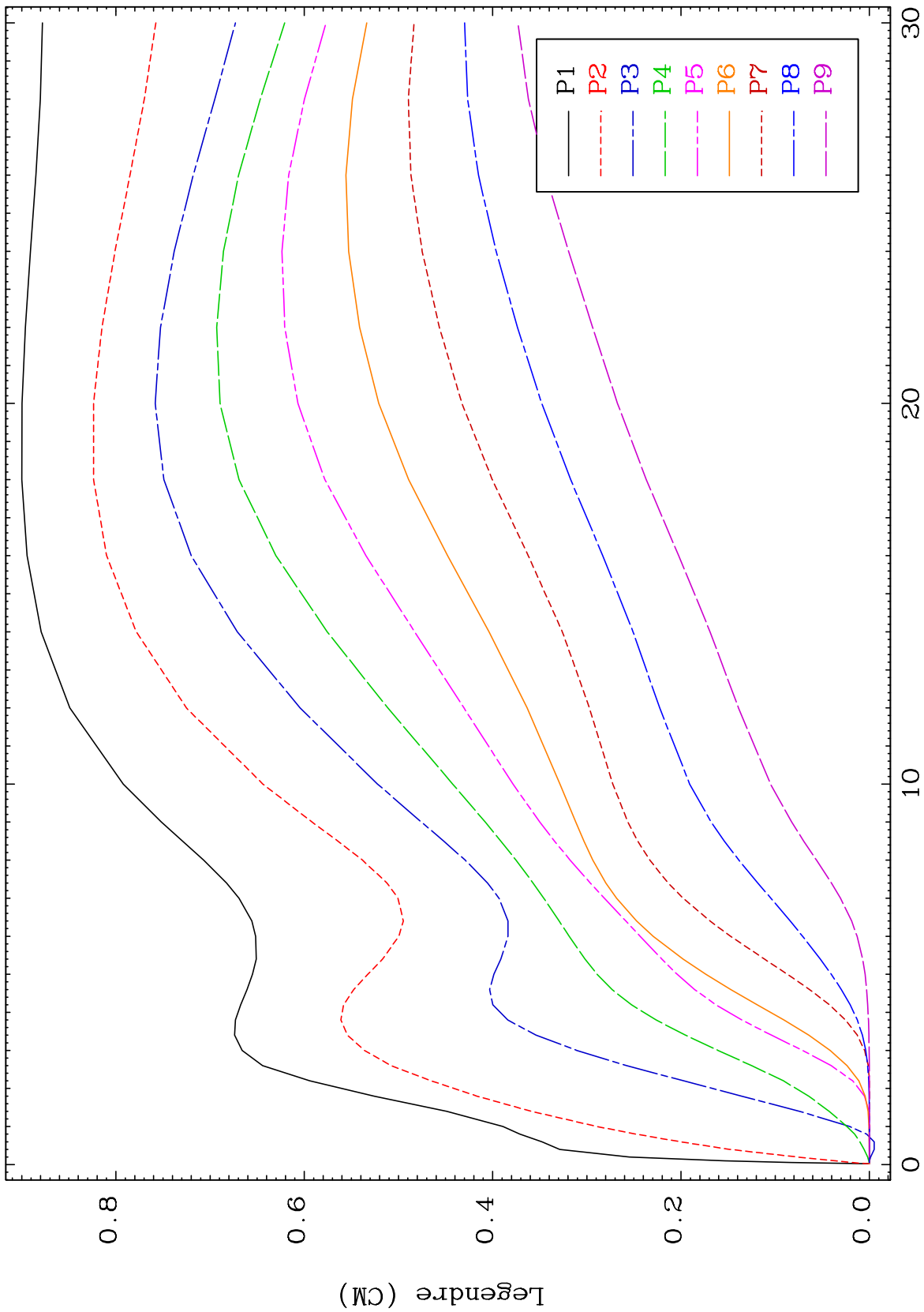




MAT 5467

54-Xe-138

Elastic Legendre Coefficients



16

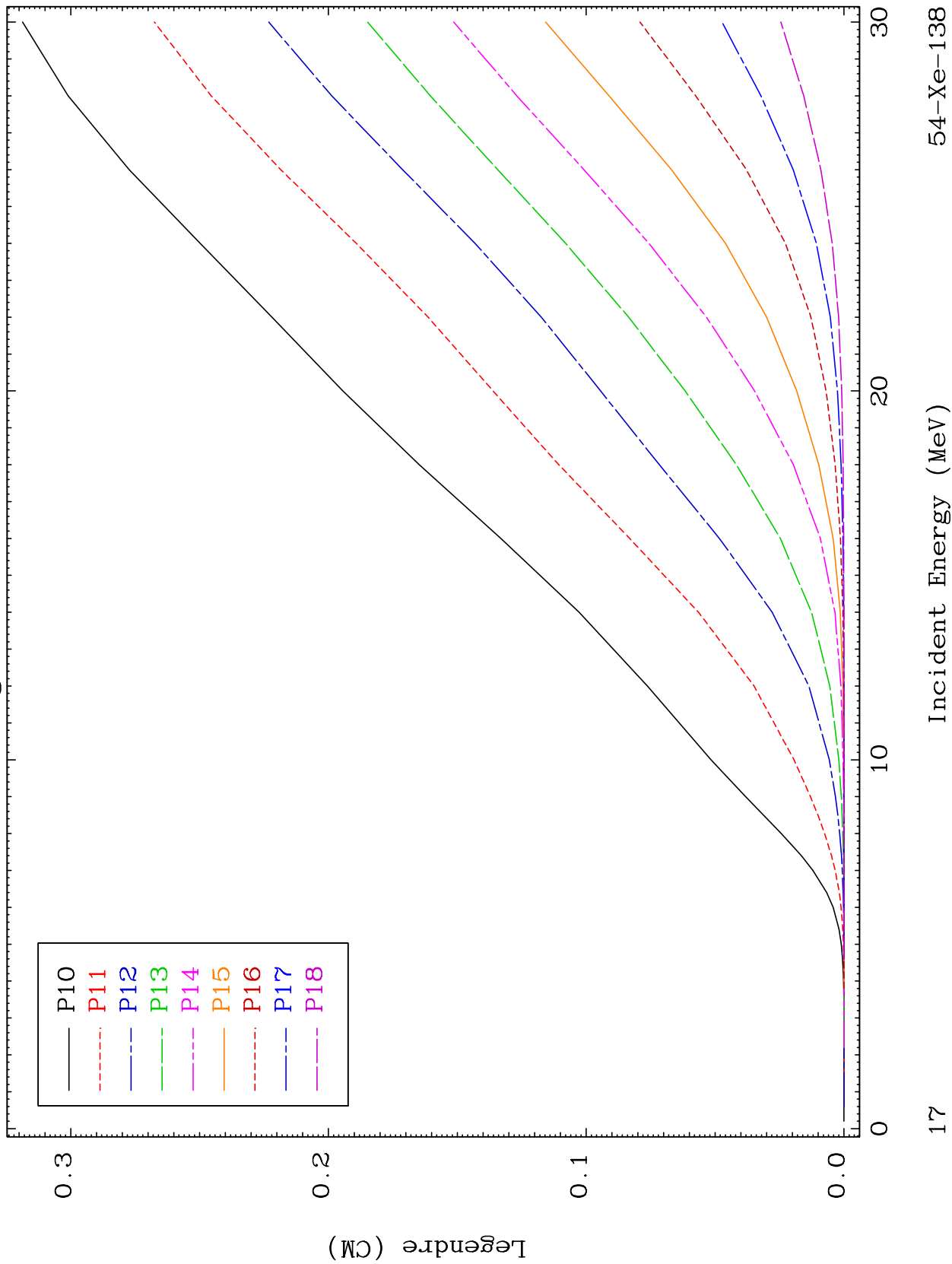
Incident Energy (MeV)

54-Xe-138

MAT 5467

Elastic Legendre Coefficients

54-Xe-138



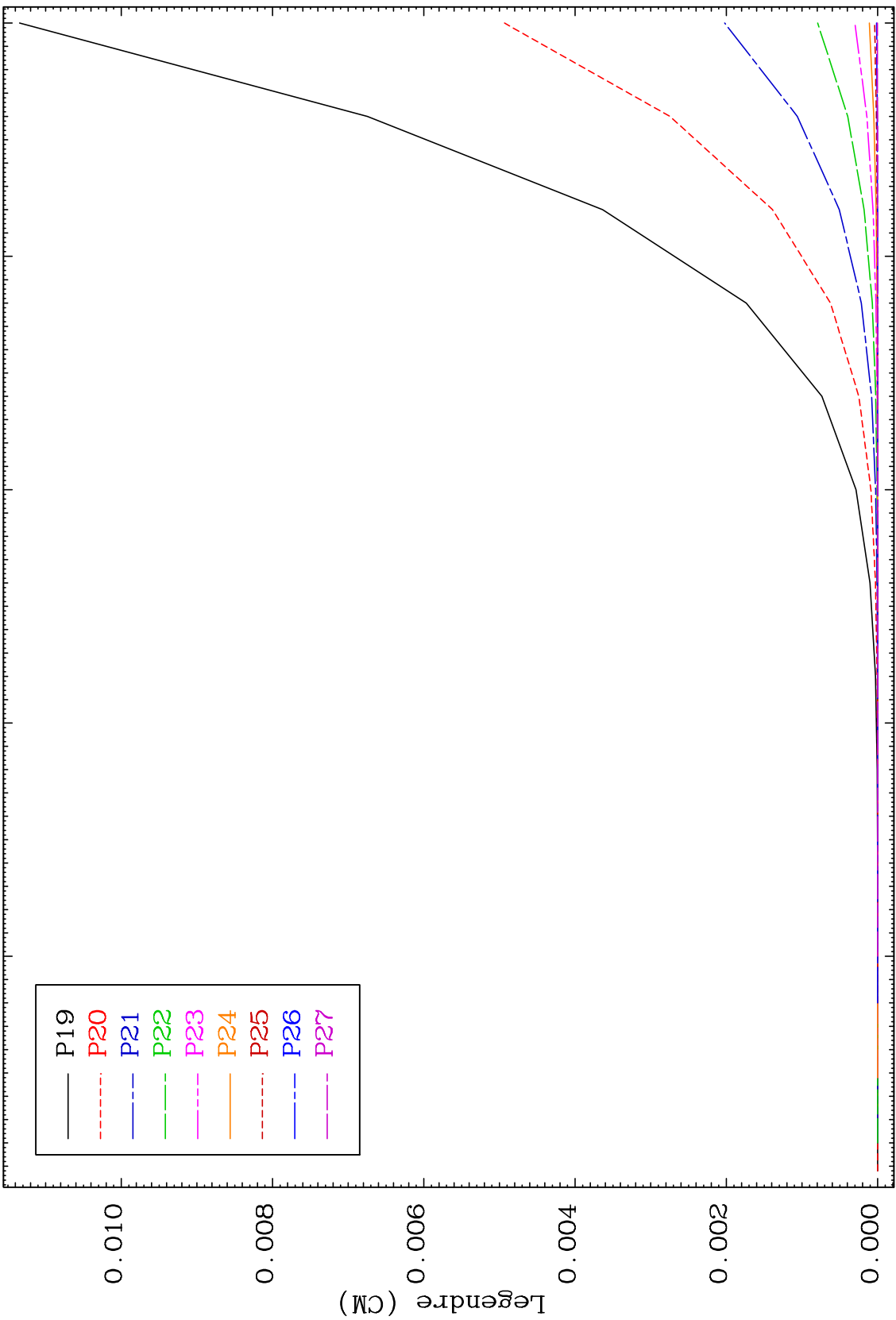
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54-Xe-138

MAT 5467

Elastic Legendre Coefficients

54-Xe-138



18

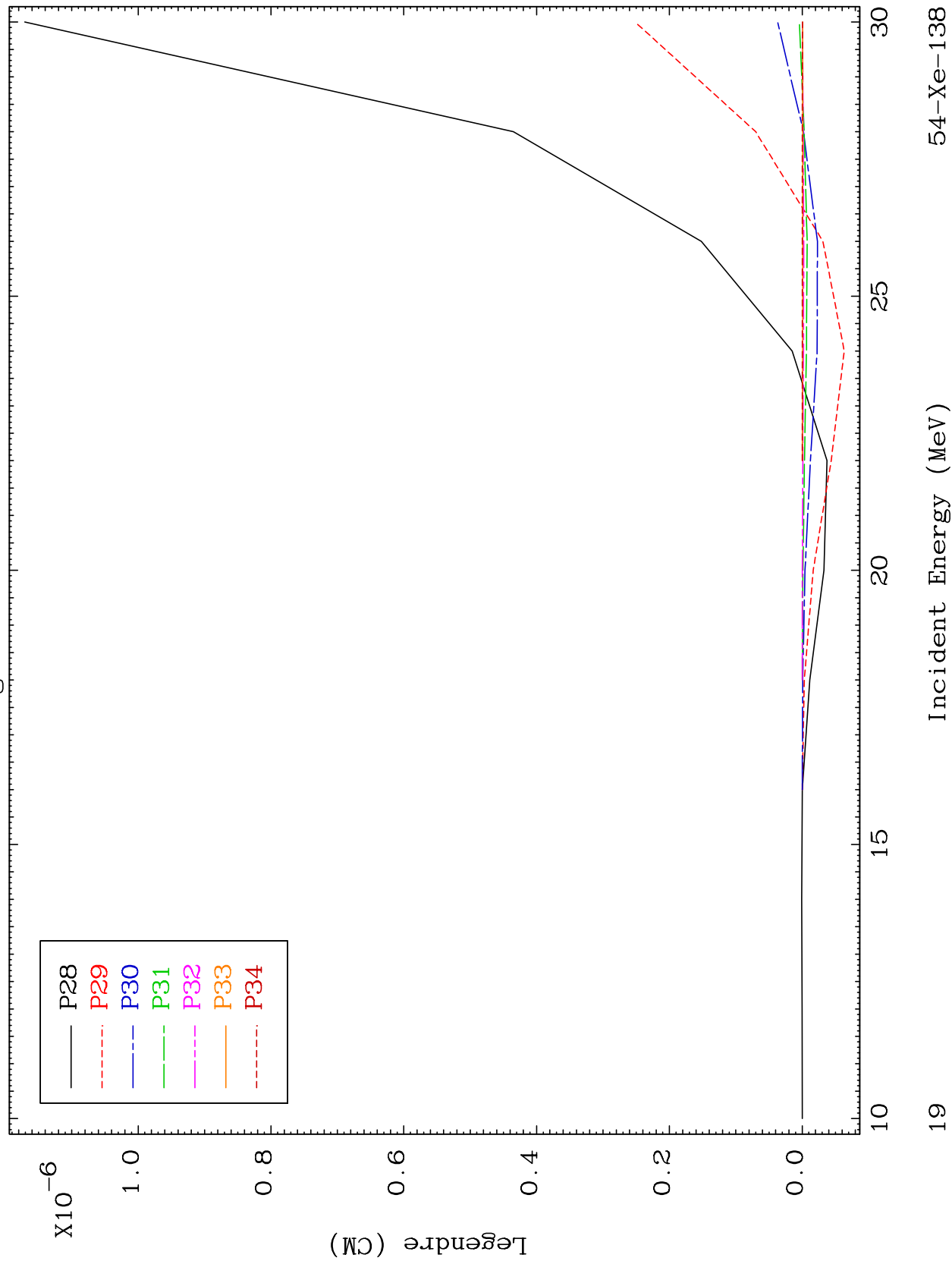
Incident Energy (MeV)

54-Xe-138

MAT 5467

Elastic Legendre Coefficients

54-Xe-138



19

Incident Energy (MeV)

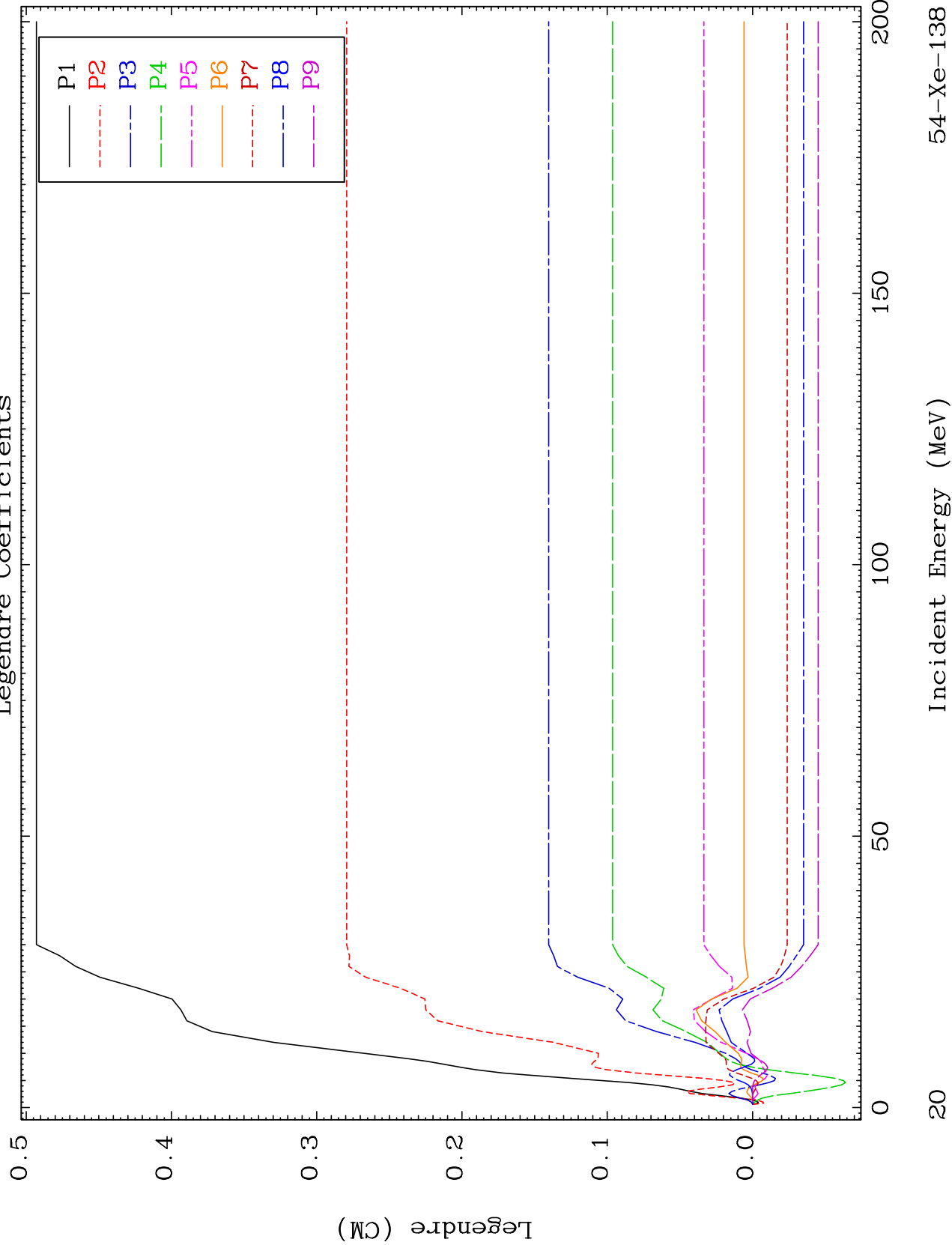
54-Xe-138

MAT 5467

MT= 51 (n,n') Level

54-Xe-138

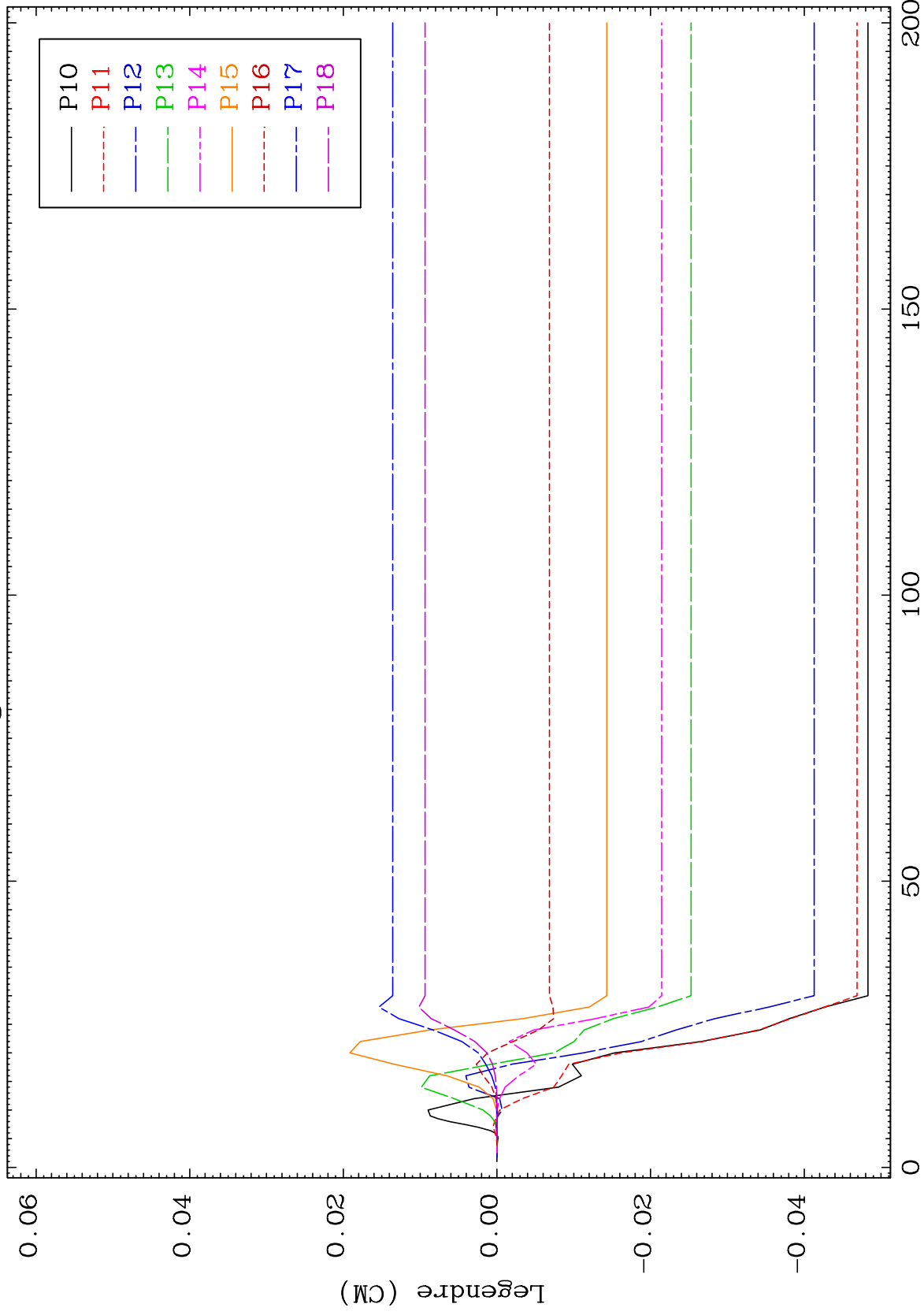
Legendre Coefficients



MAT 5467

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

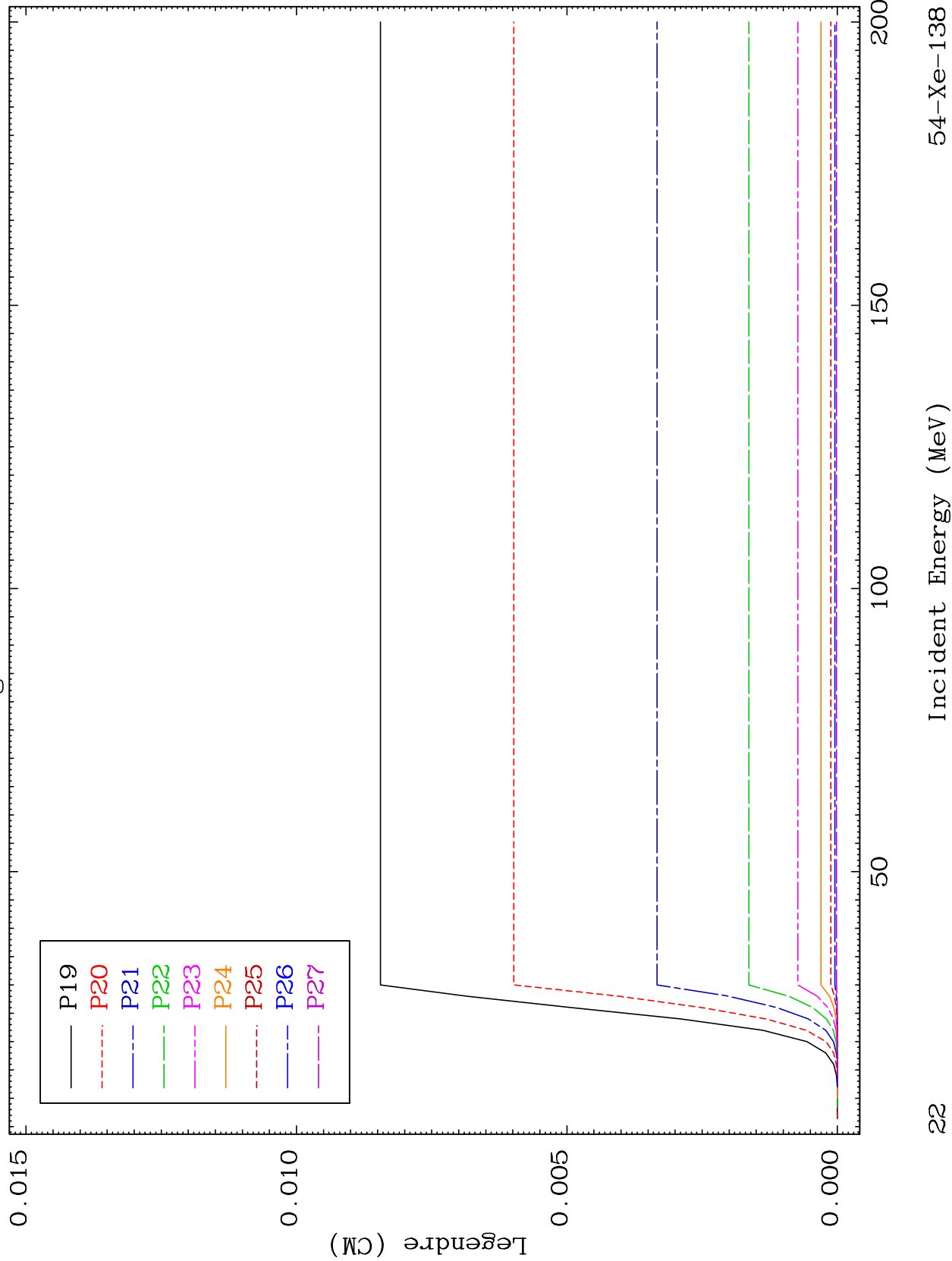
54-Xe-138



21

Incident Energy (MeV)

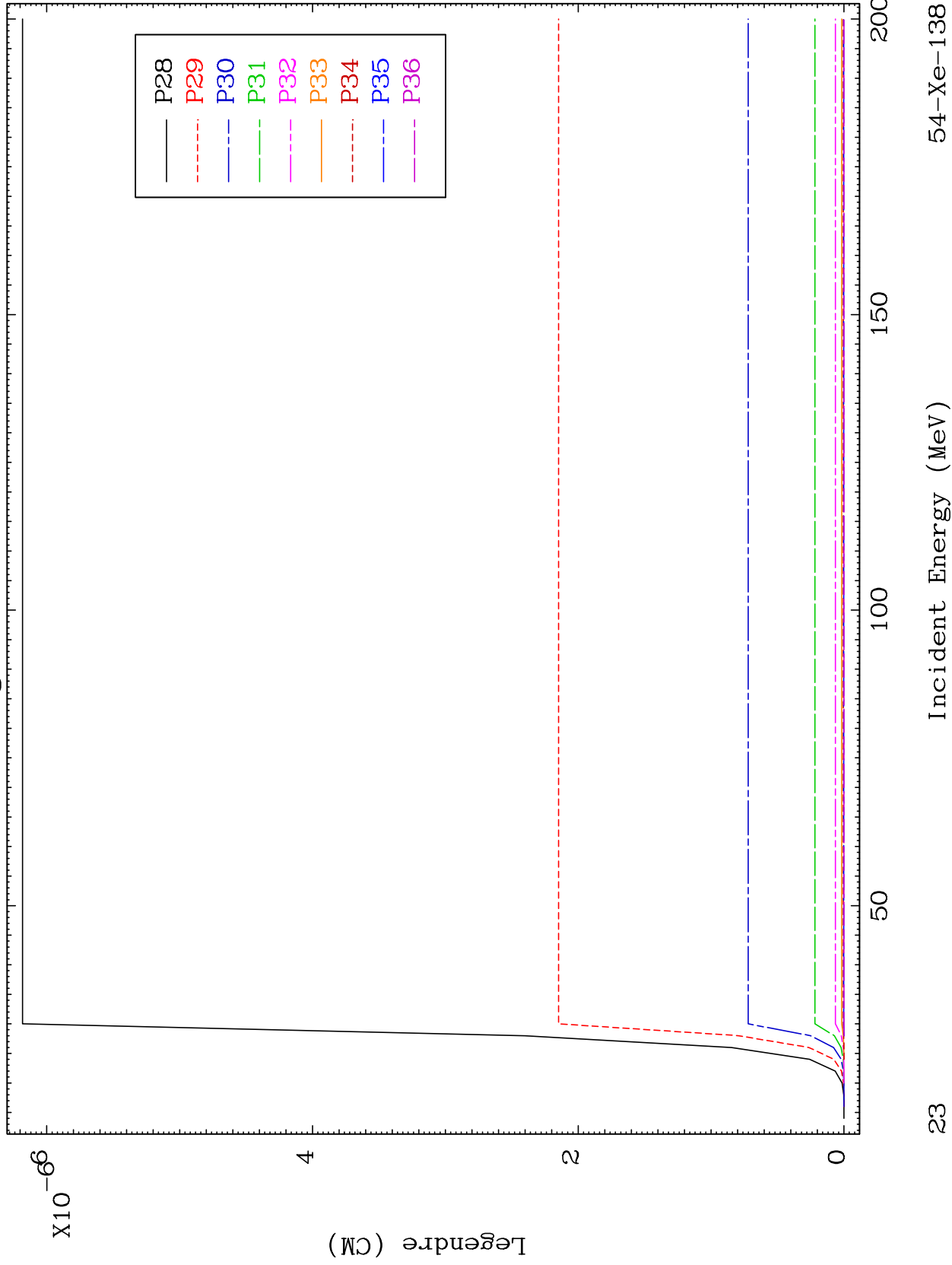
54-Xe-138



MAT 5467

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

54-Xe-138



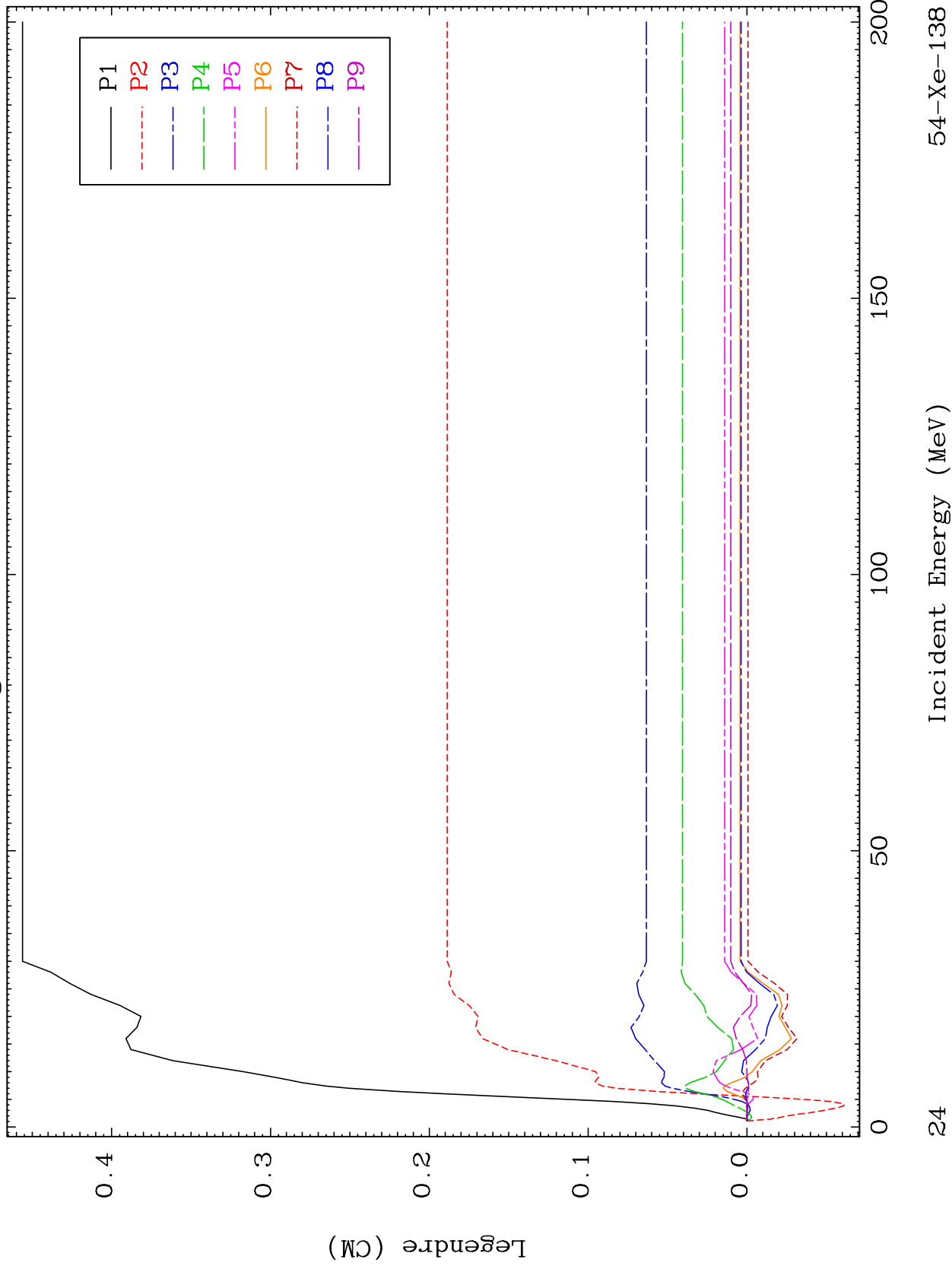
23

54-Xe-138

MAT 5467

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

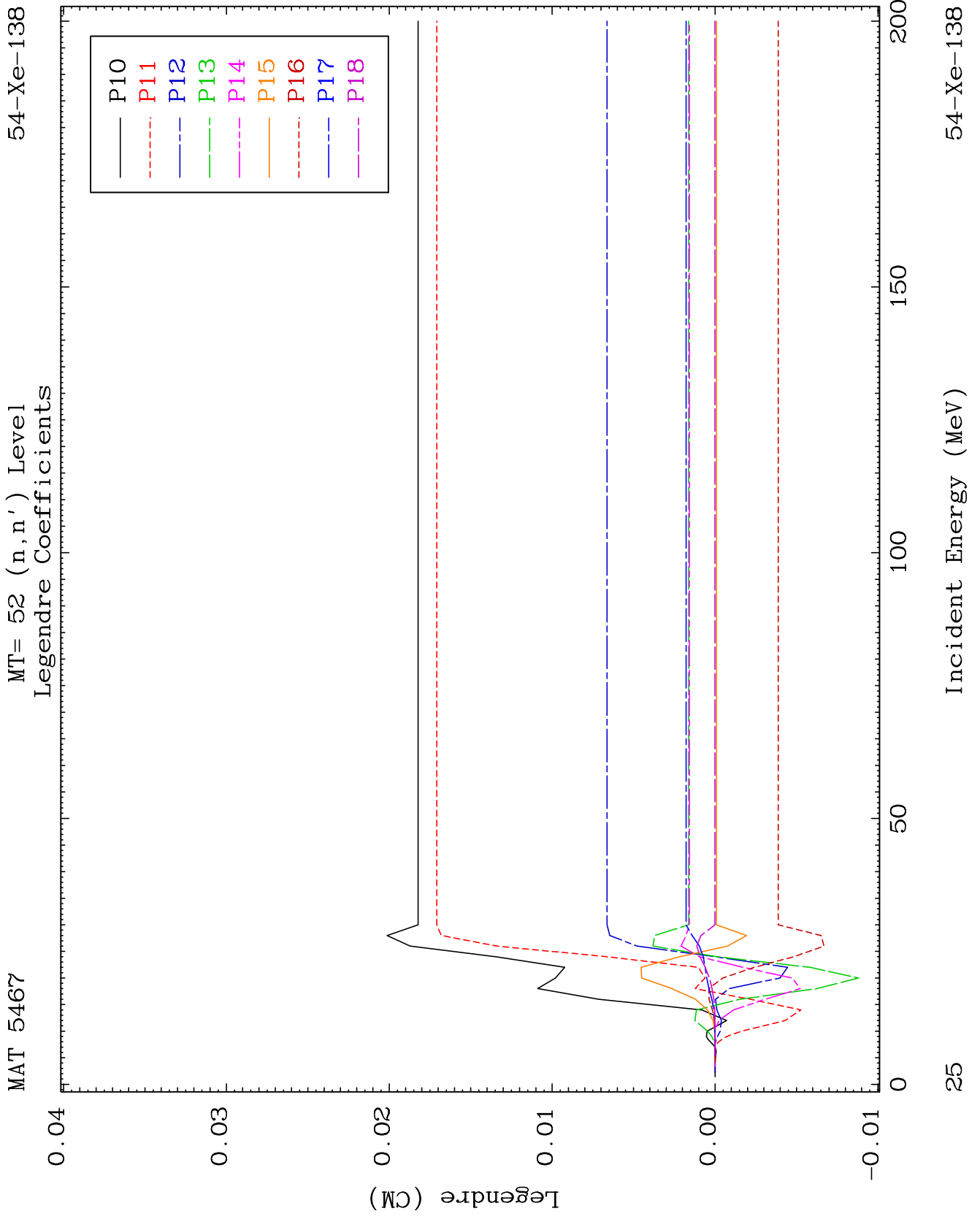
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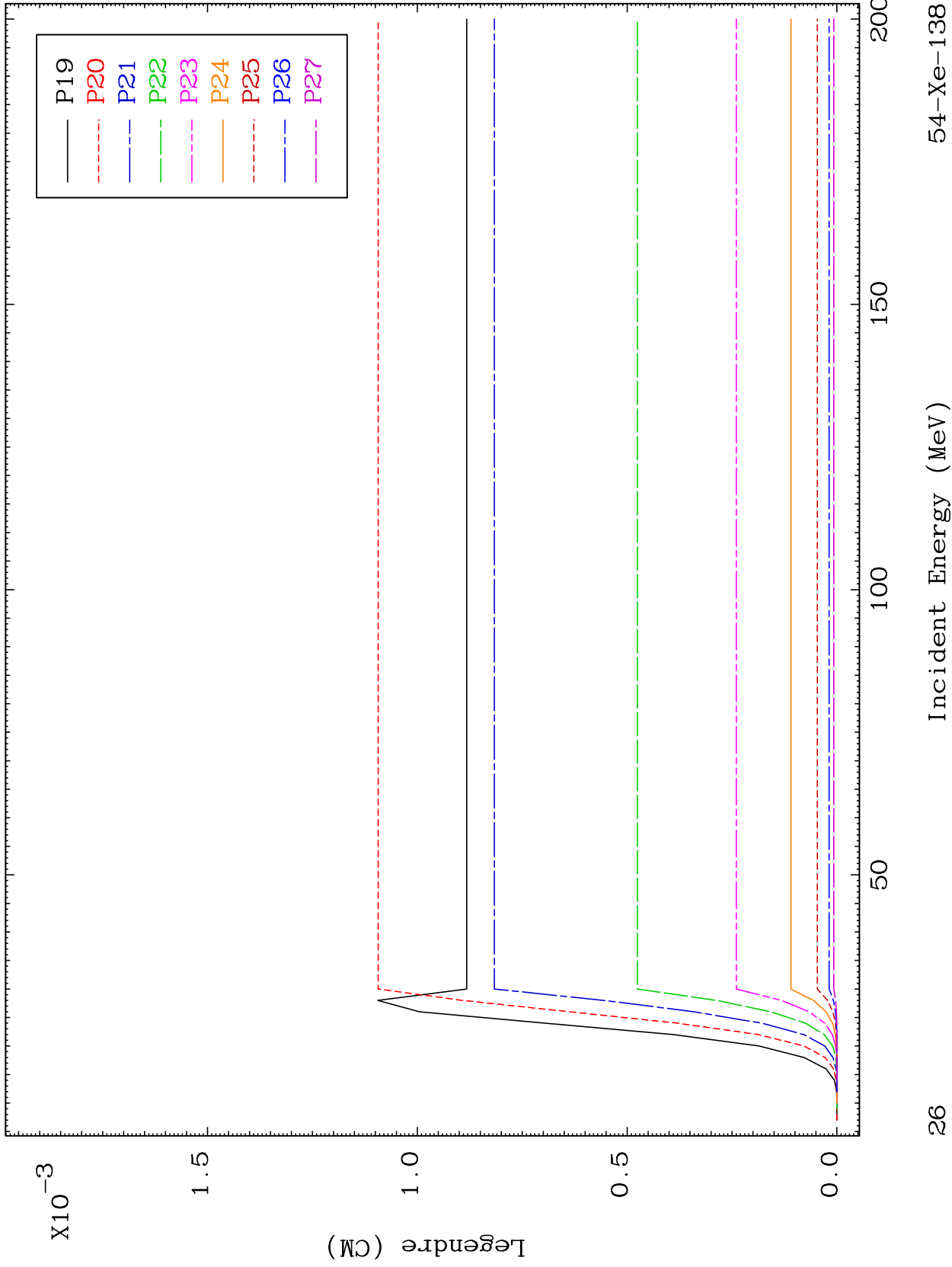


54-Xe-138

Incident Energy (MeV)

24

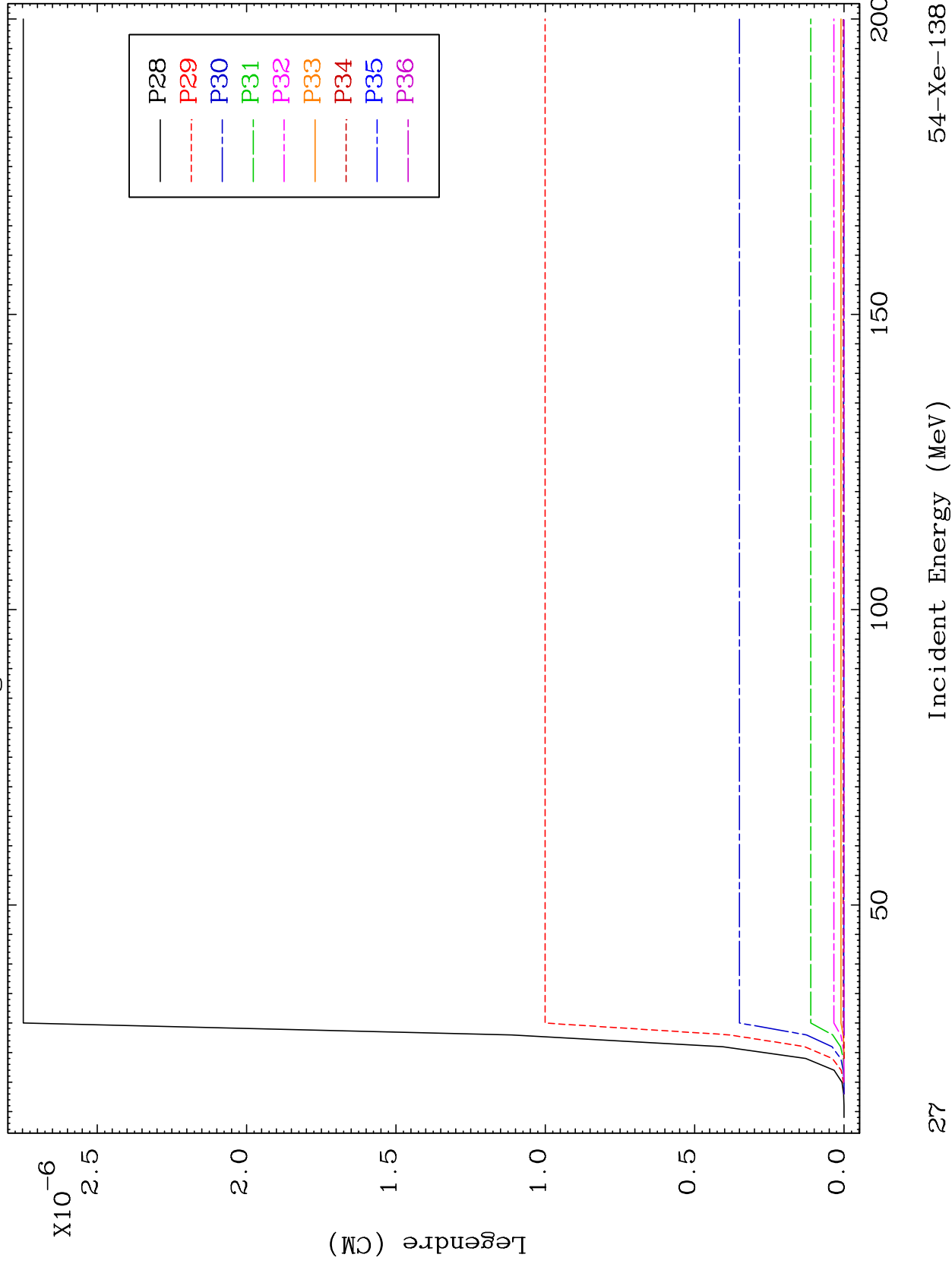




MAT 5467

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

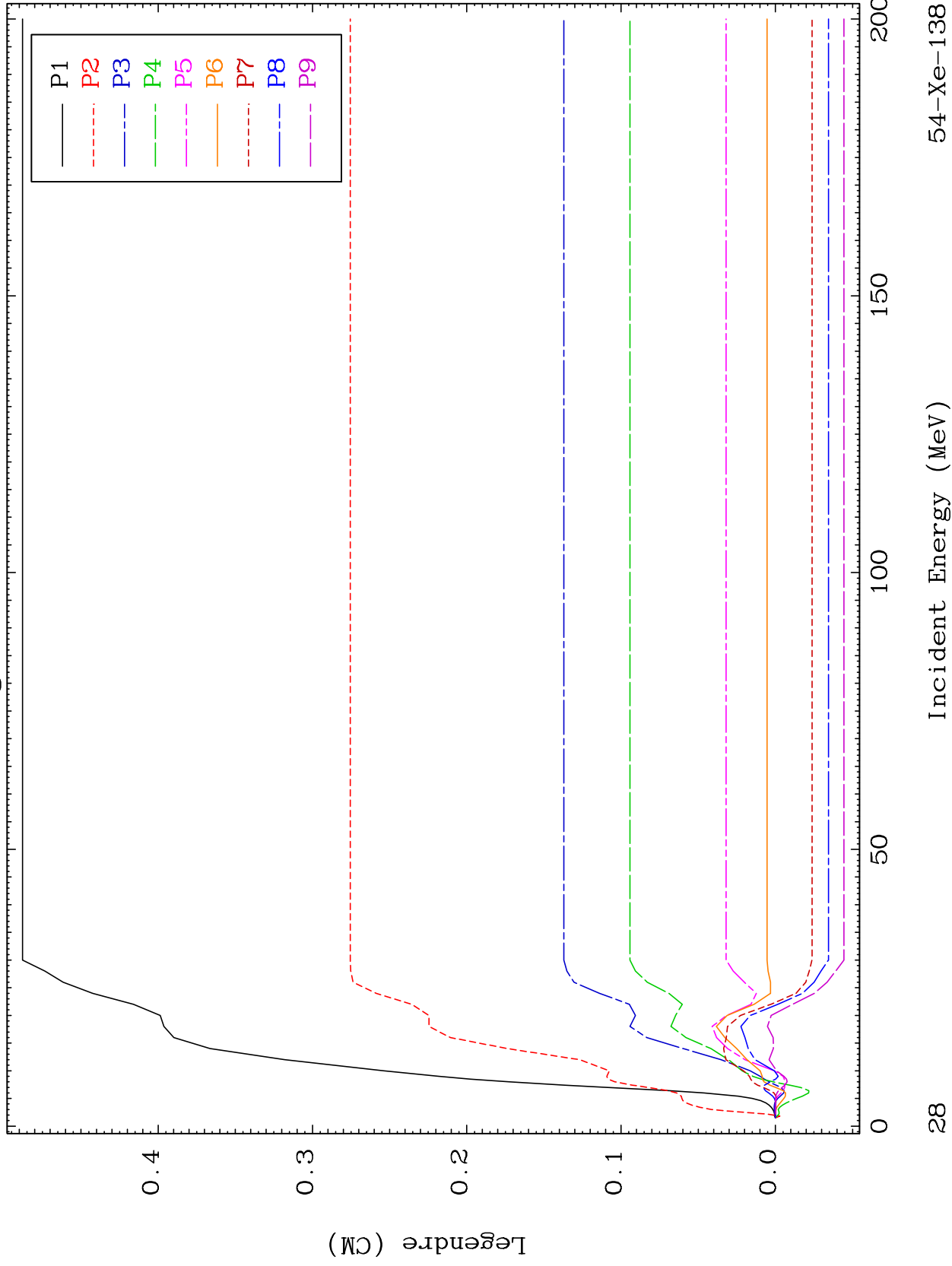
54-Xe-138



MAT 5467

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

54-Xe-138



54-Xe-138

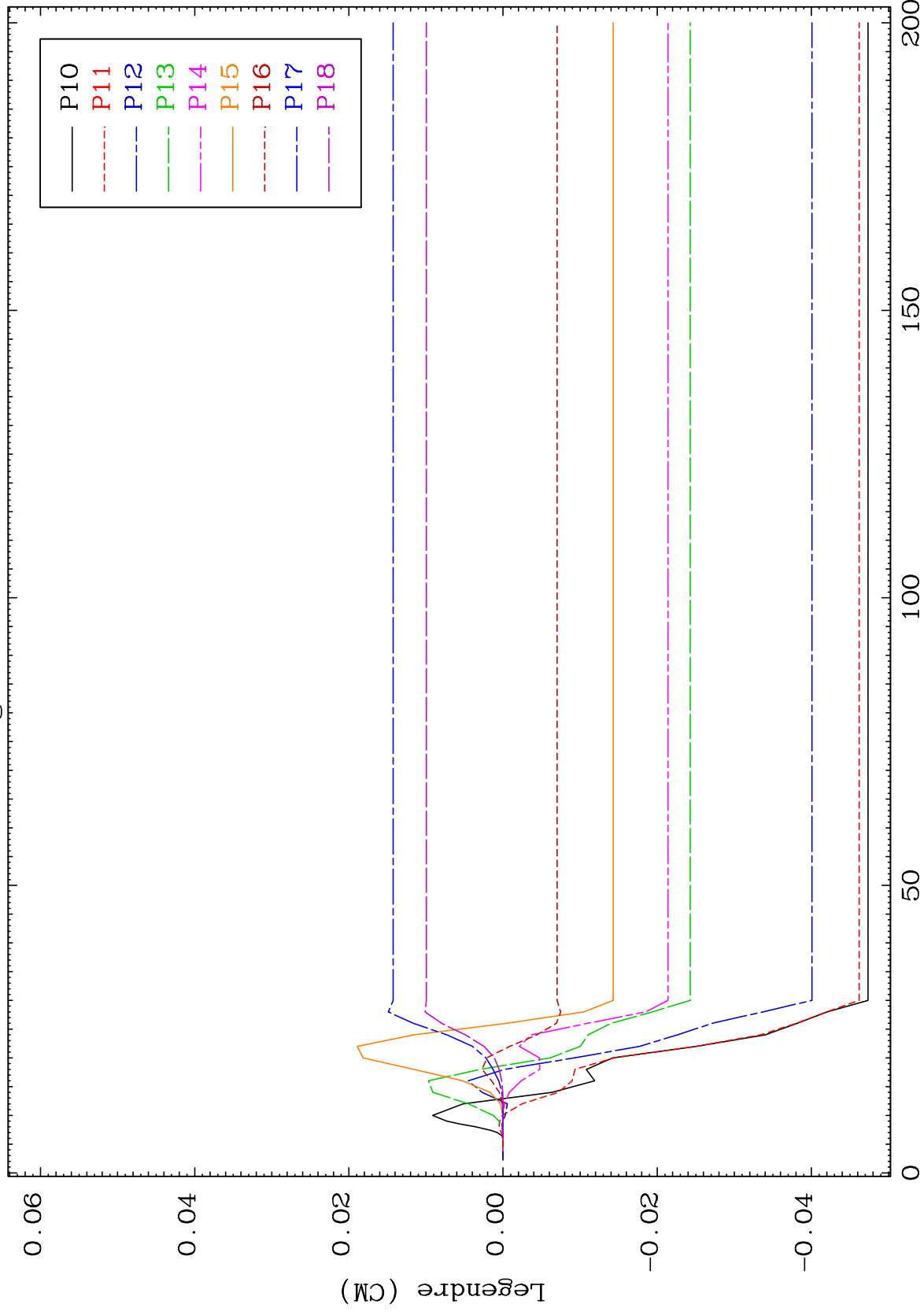
Incident Energy (MeV)

28

MAT 5467

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

54-Xe-138



29

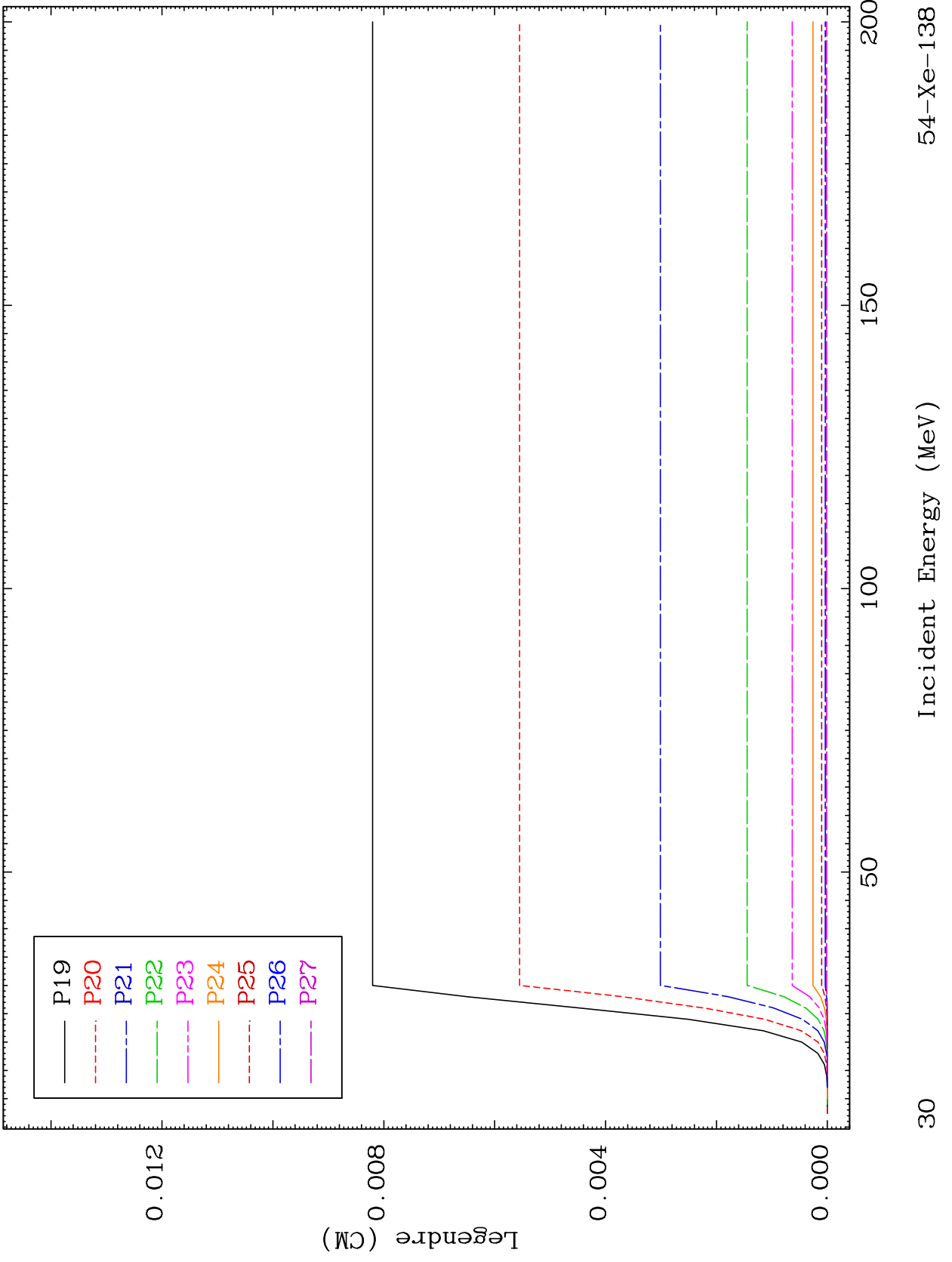
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



30

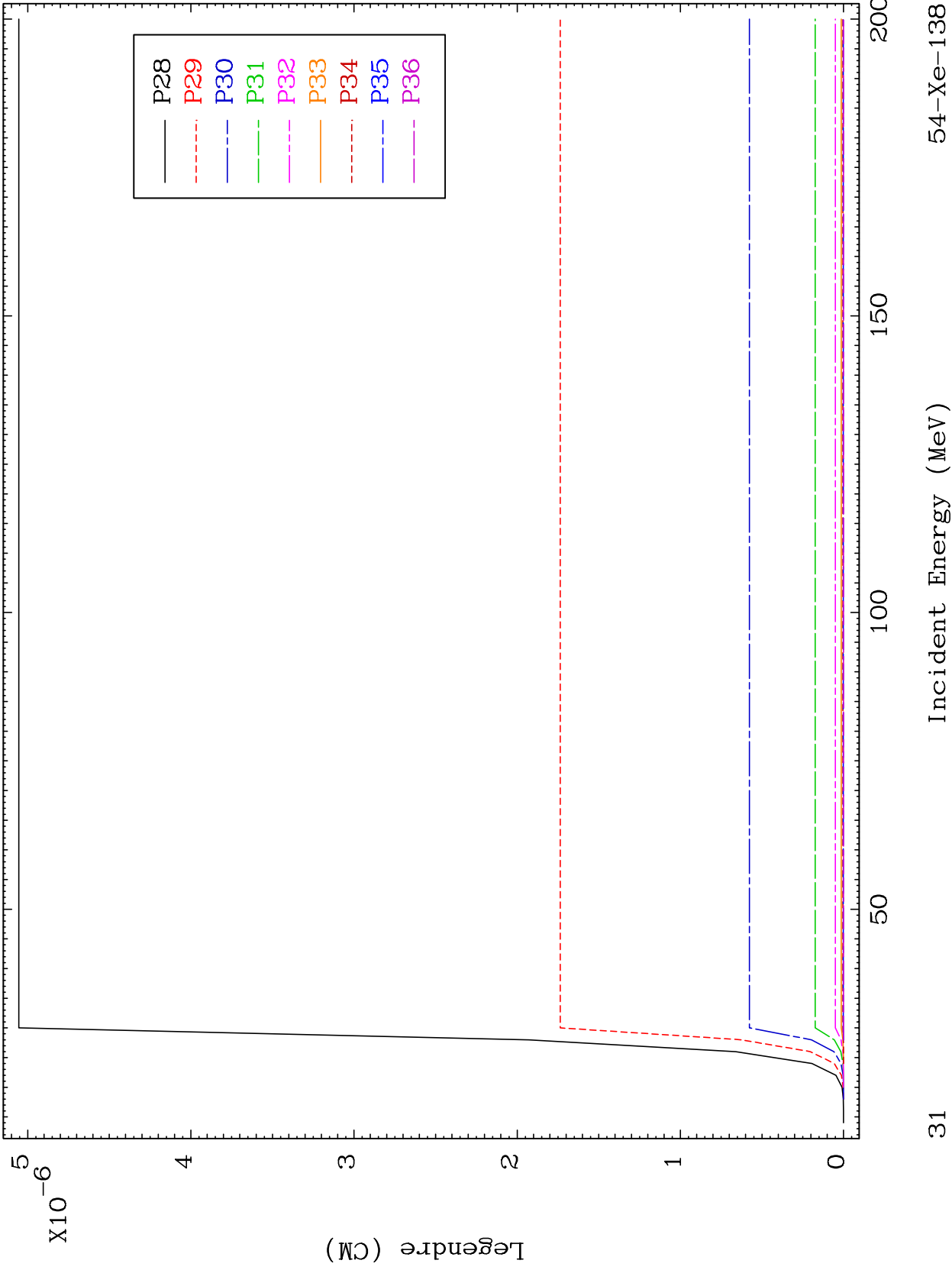
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



31

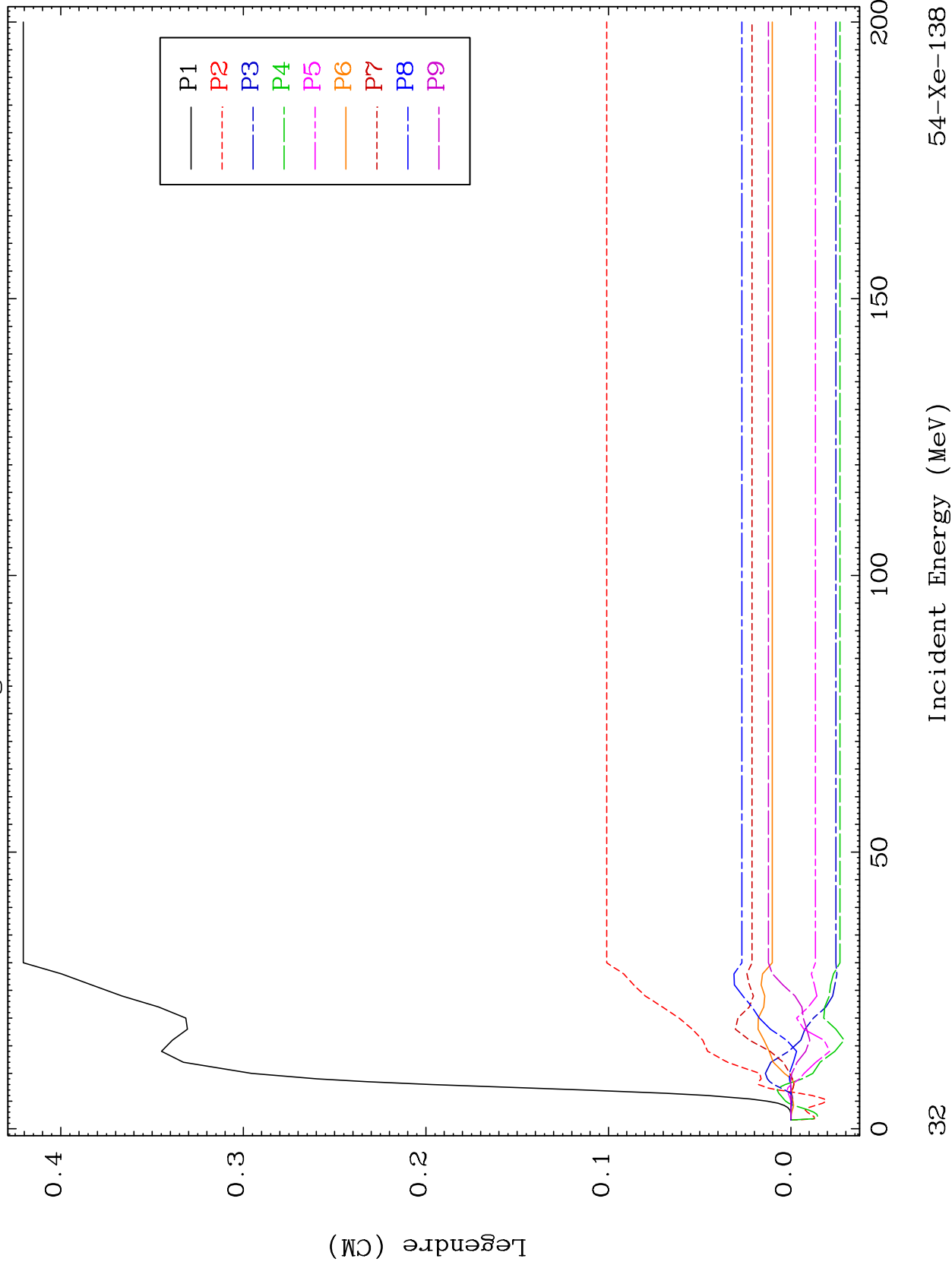
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

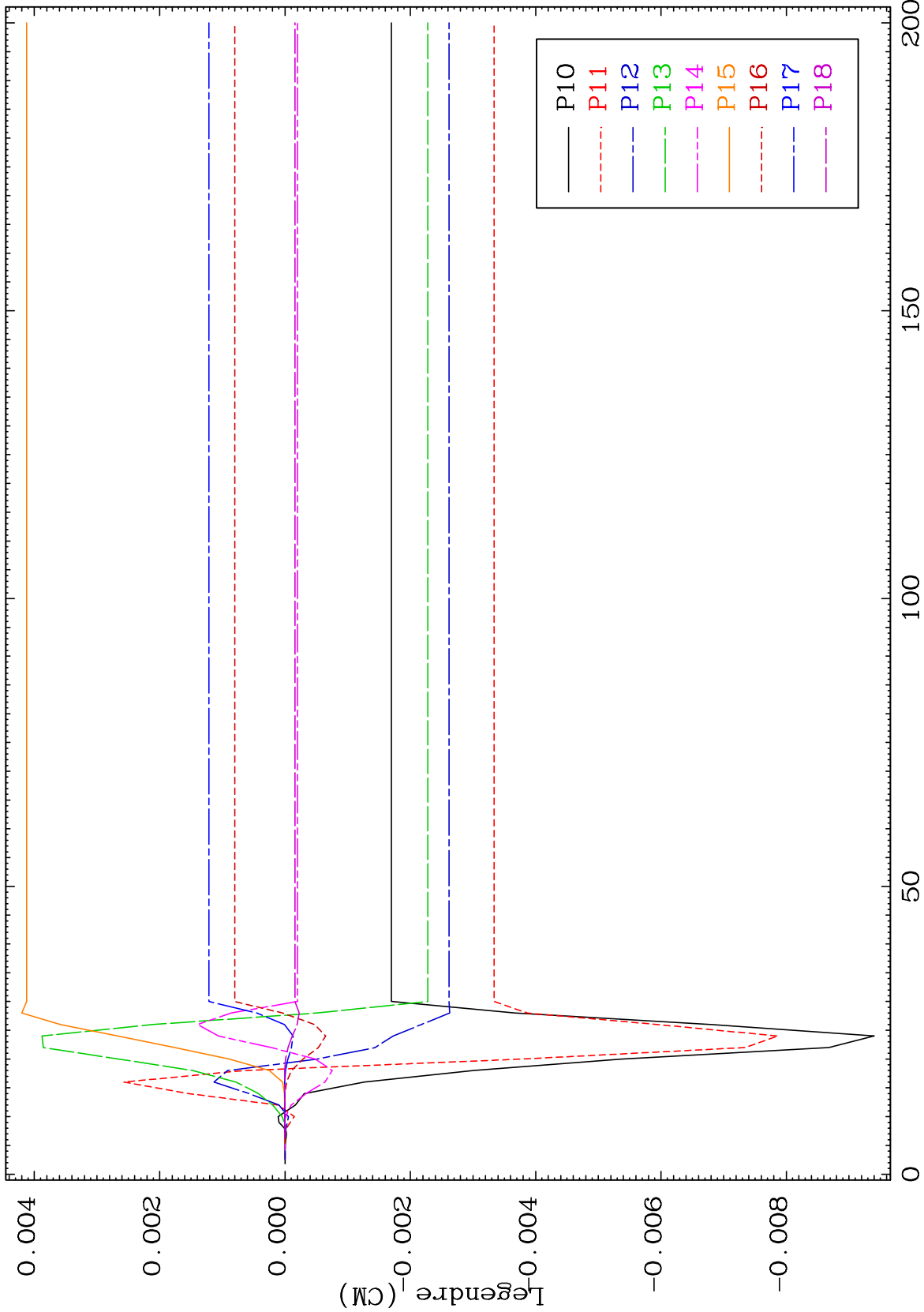
Incident Energy (MeV)

32

MAT 5467

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

54-Xe-138



33

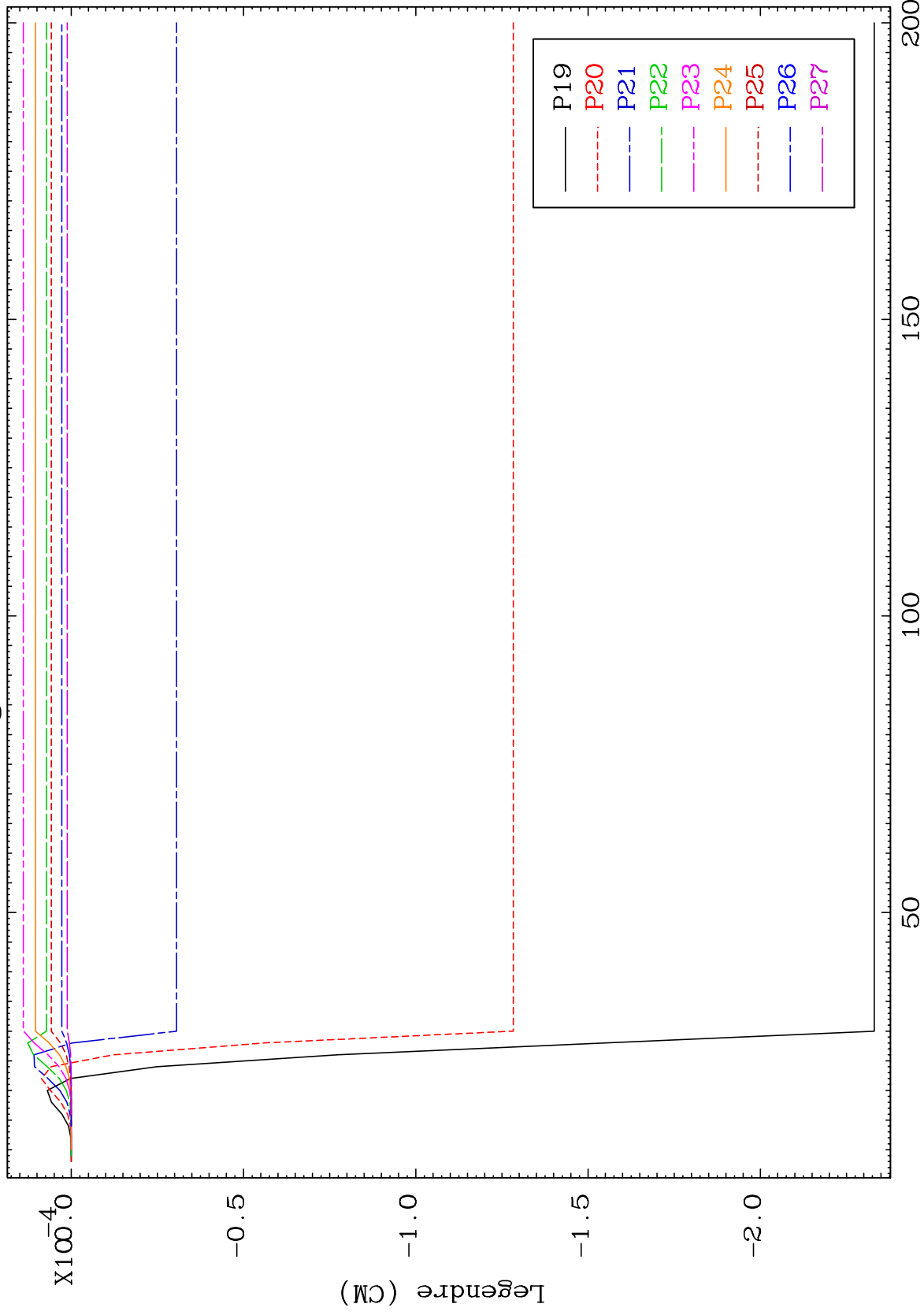
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

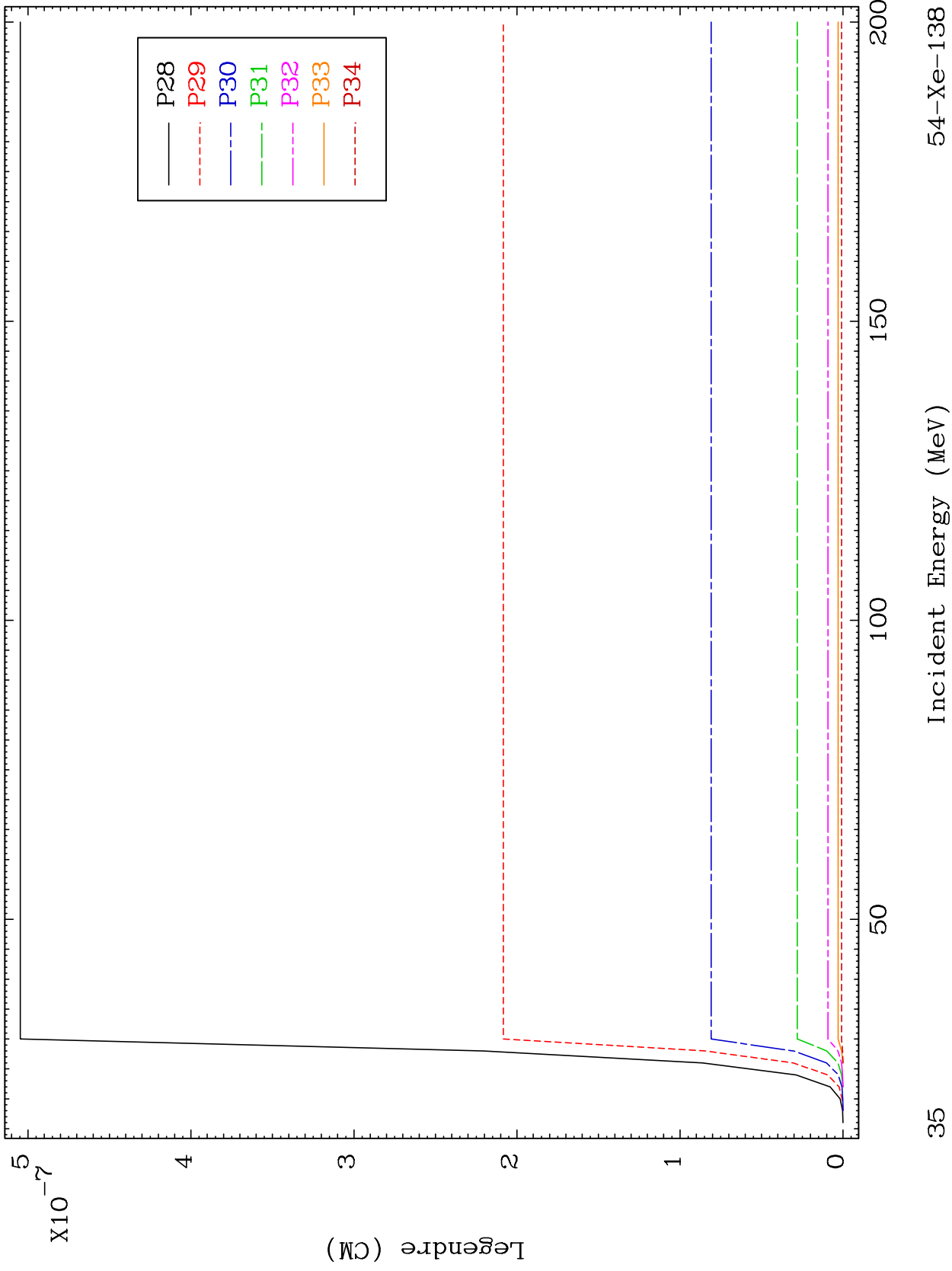
54-Xe-138



MAT 5467

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

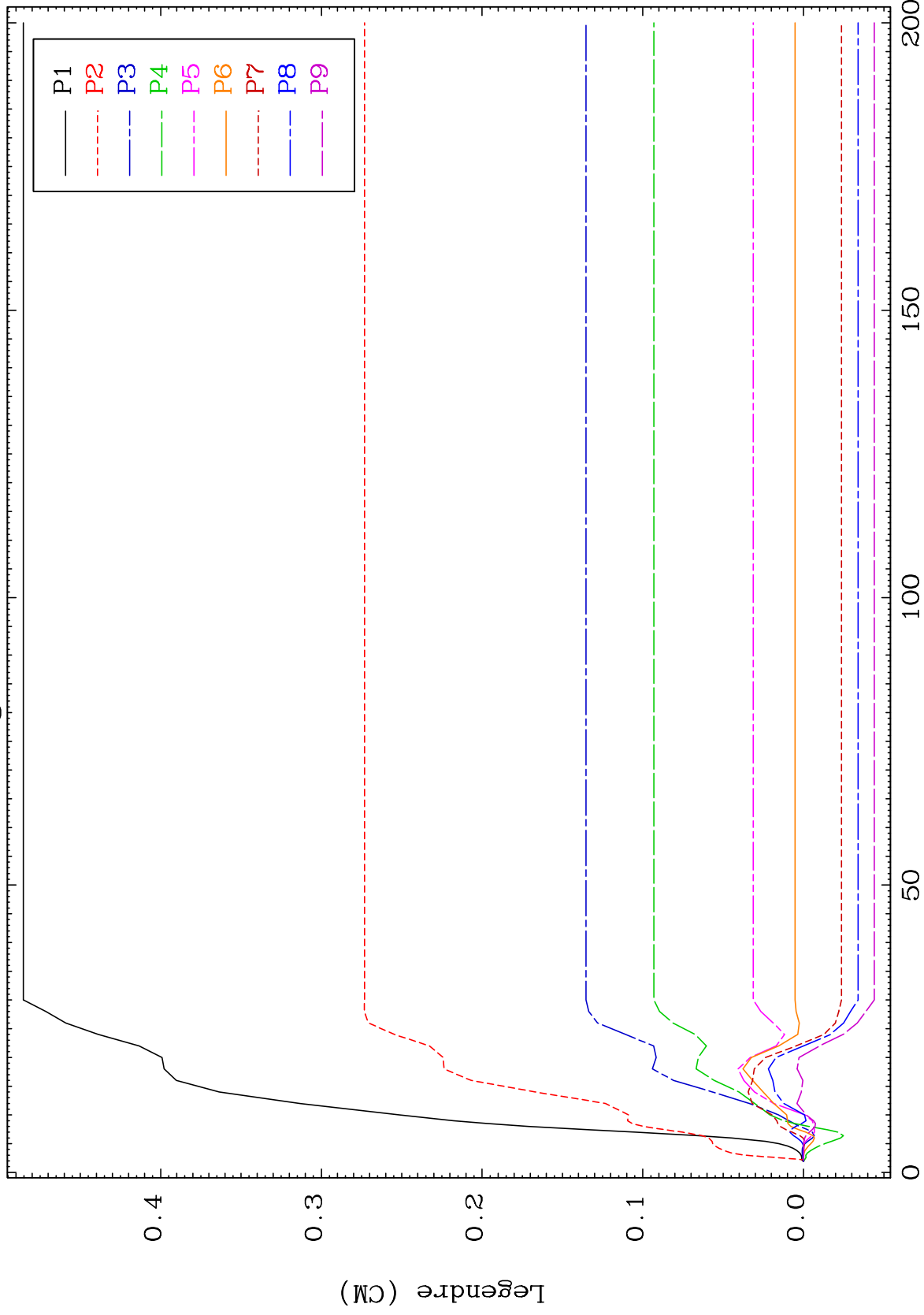
54-Xe-138



MAT 5467

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

54-Xe-138



36

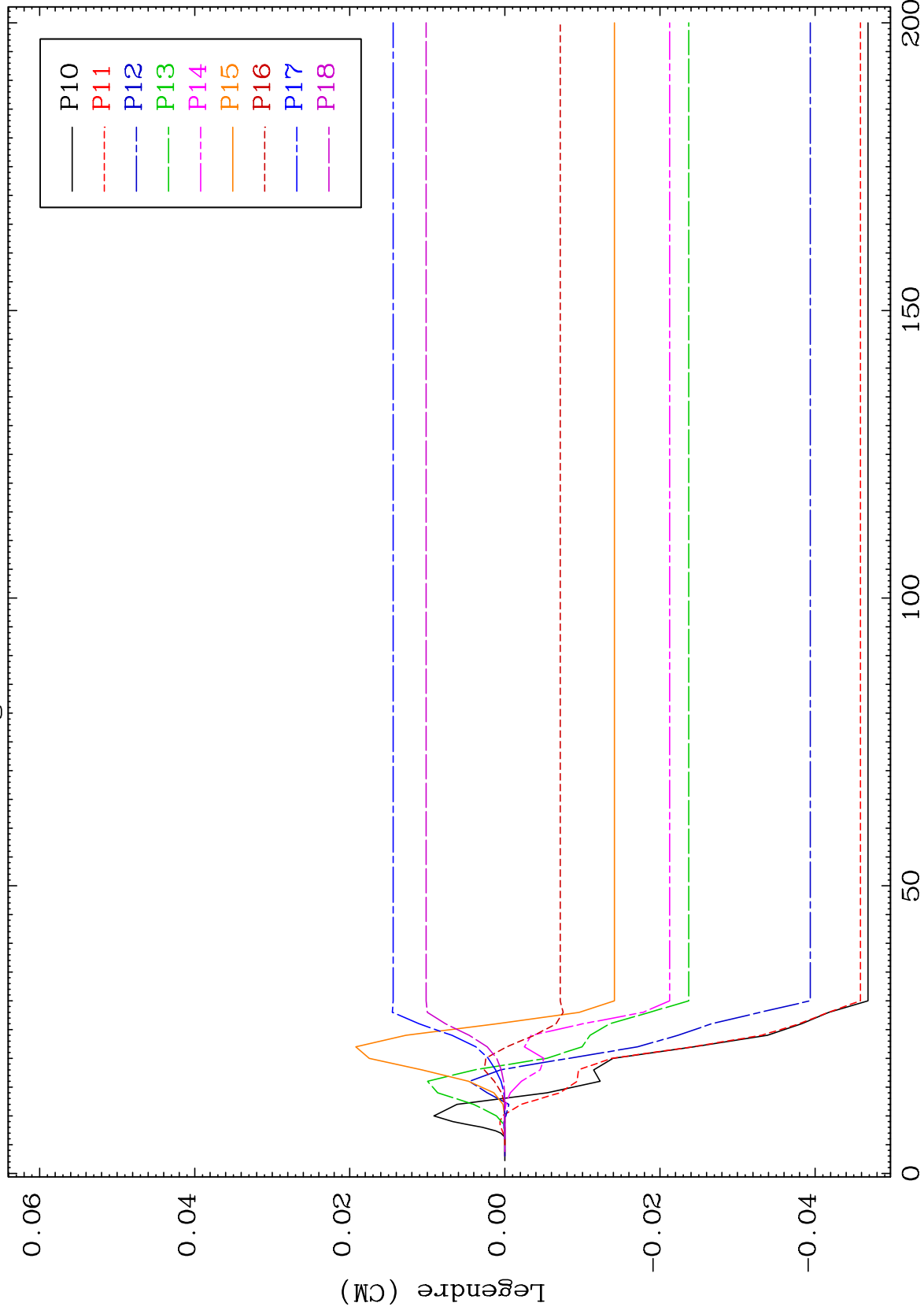
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



37

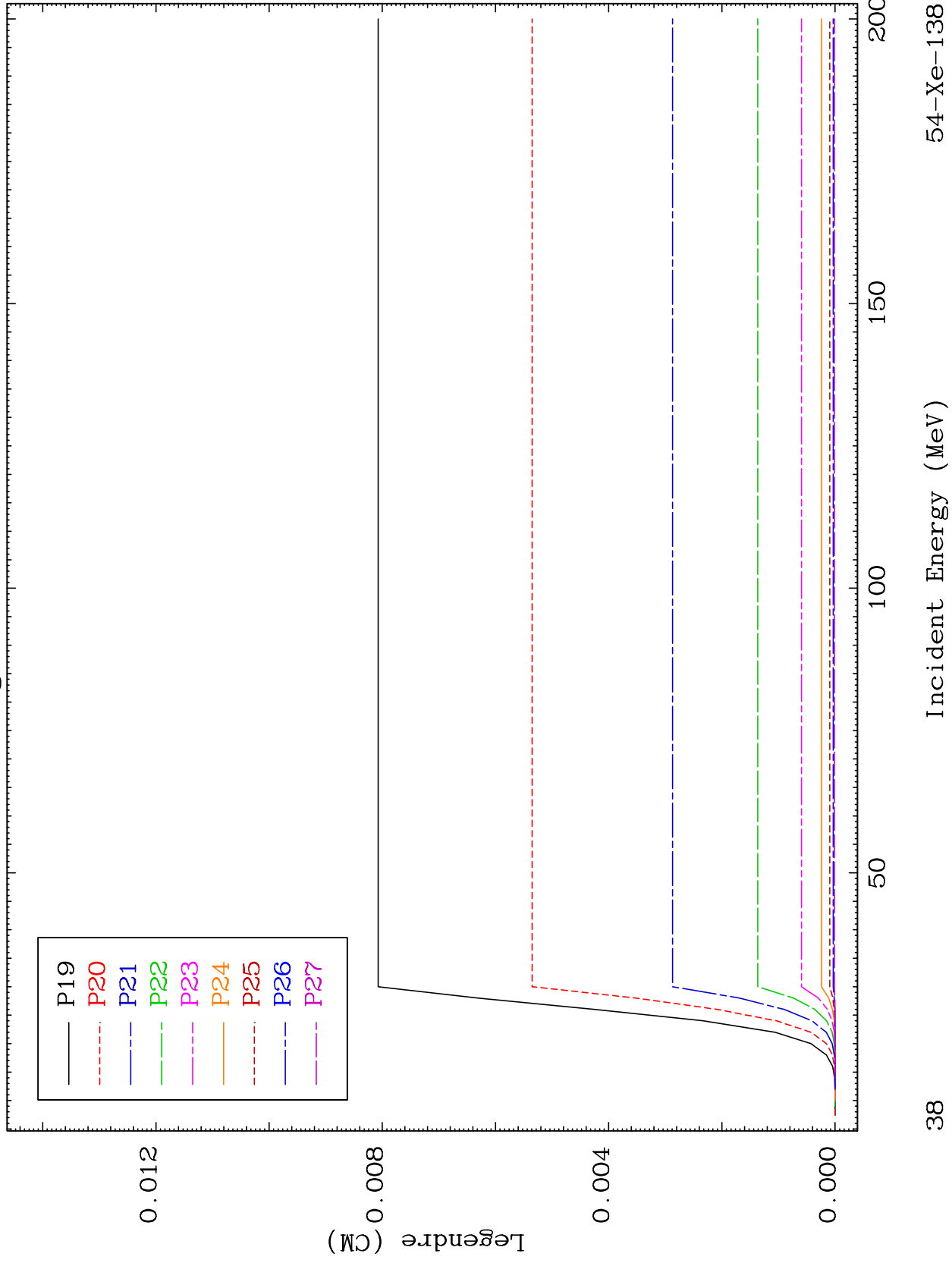
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



38

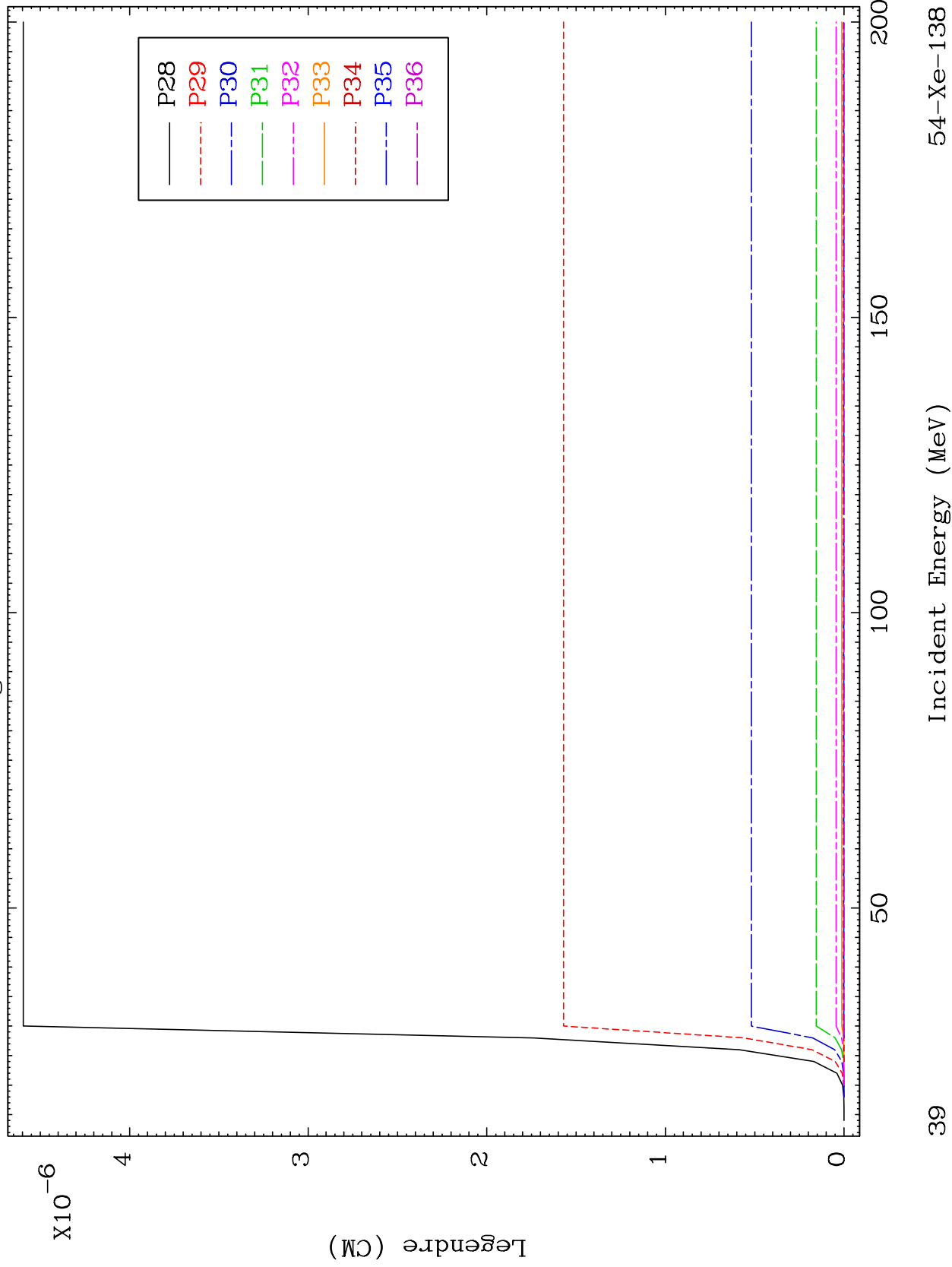
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

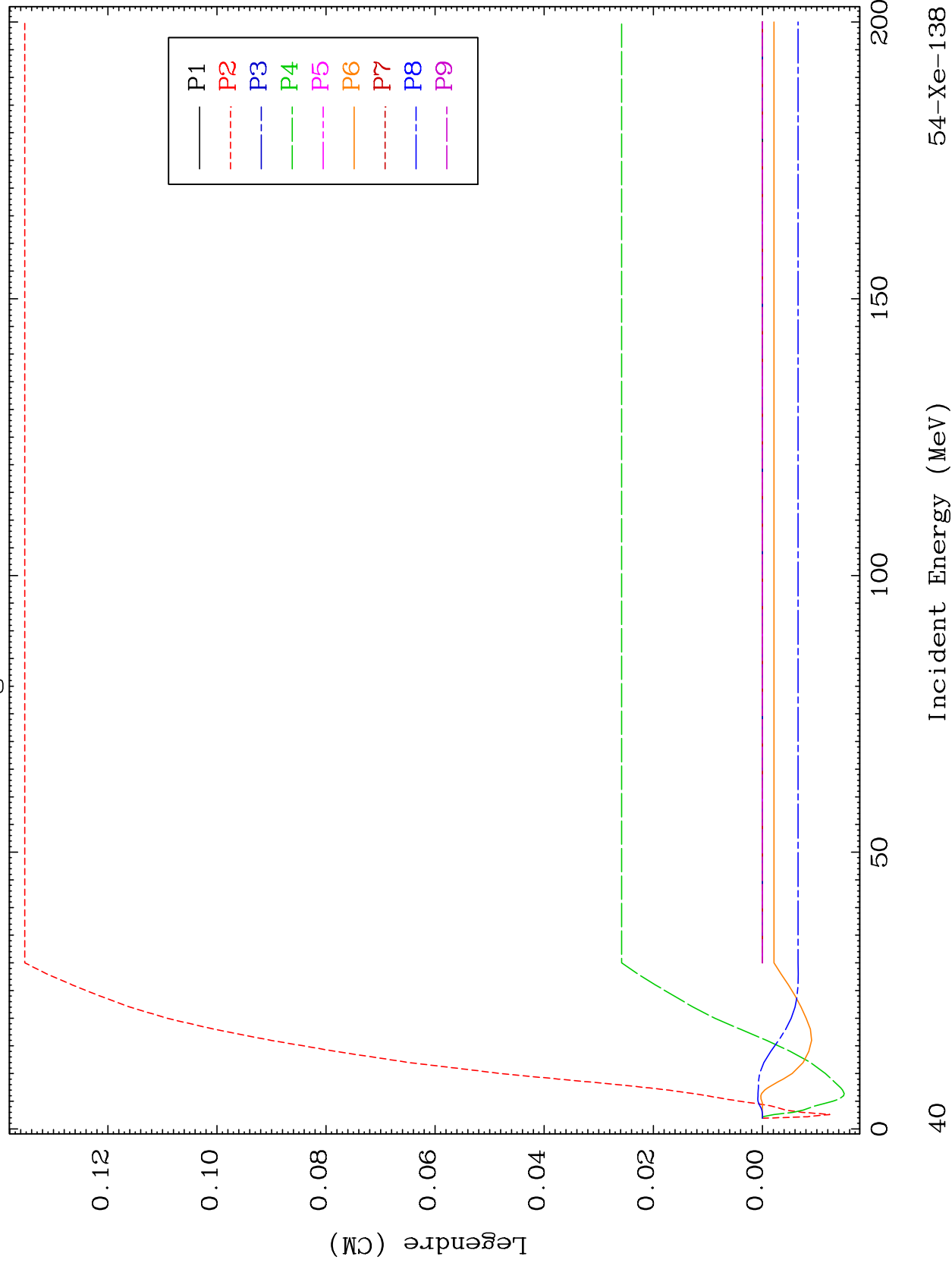
54-Xe-138



MAT 5467

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

54-Xe-138

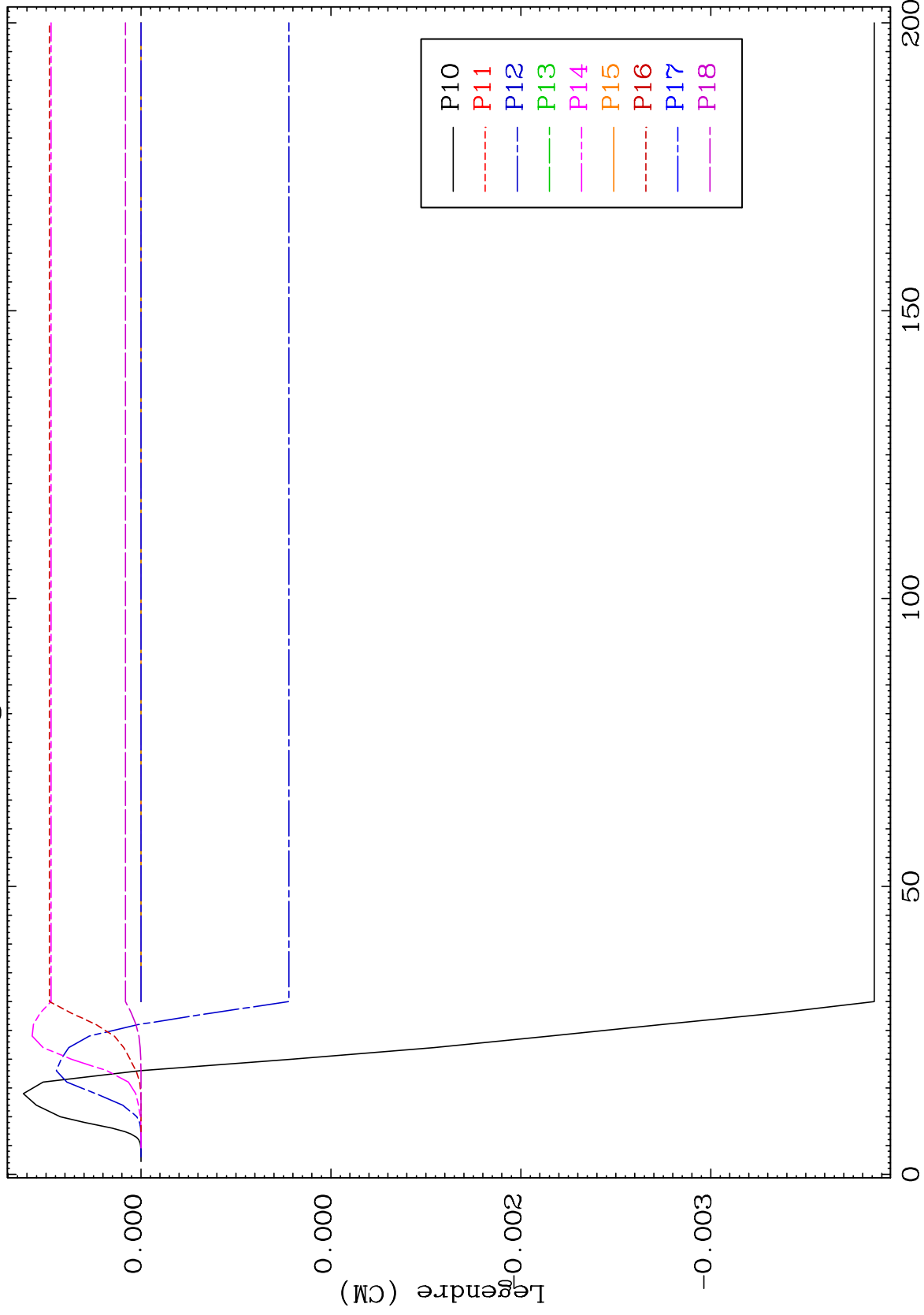


54-Xe-138

MAT 5467

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

54-Xe-138



41

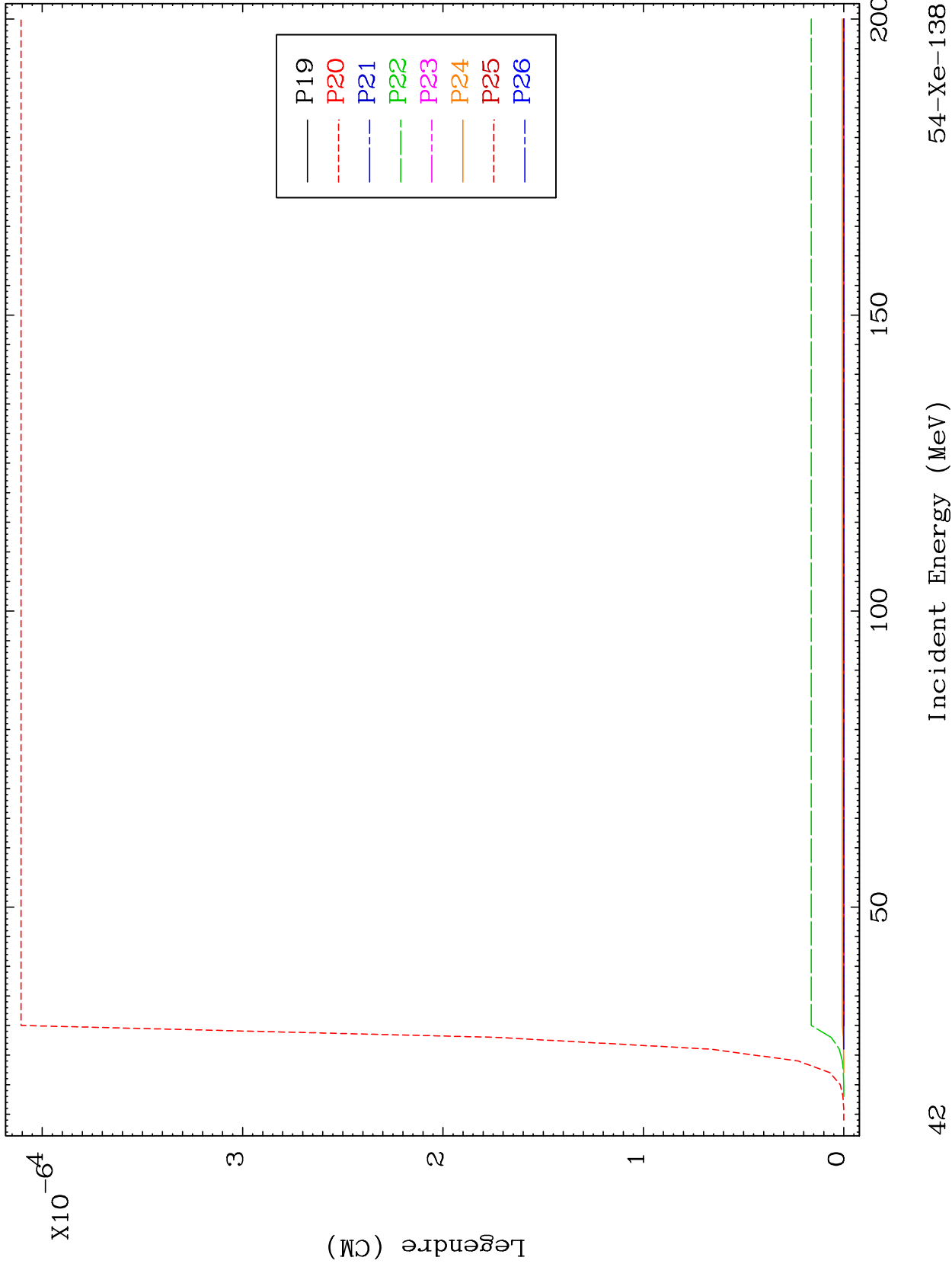
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



42

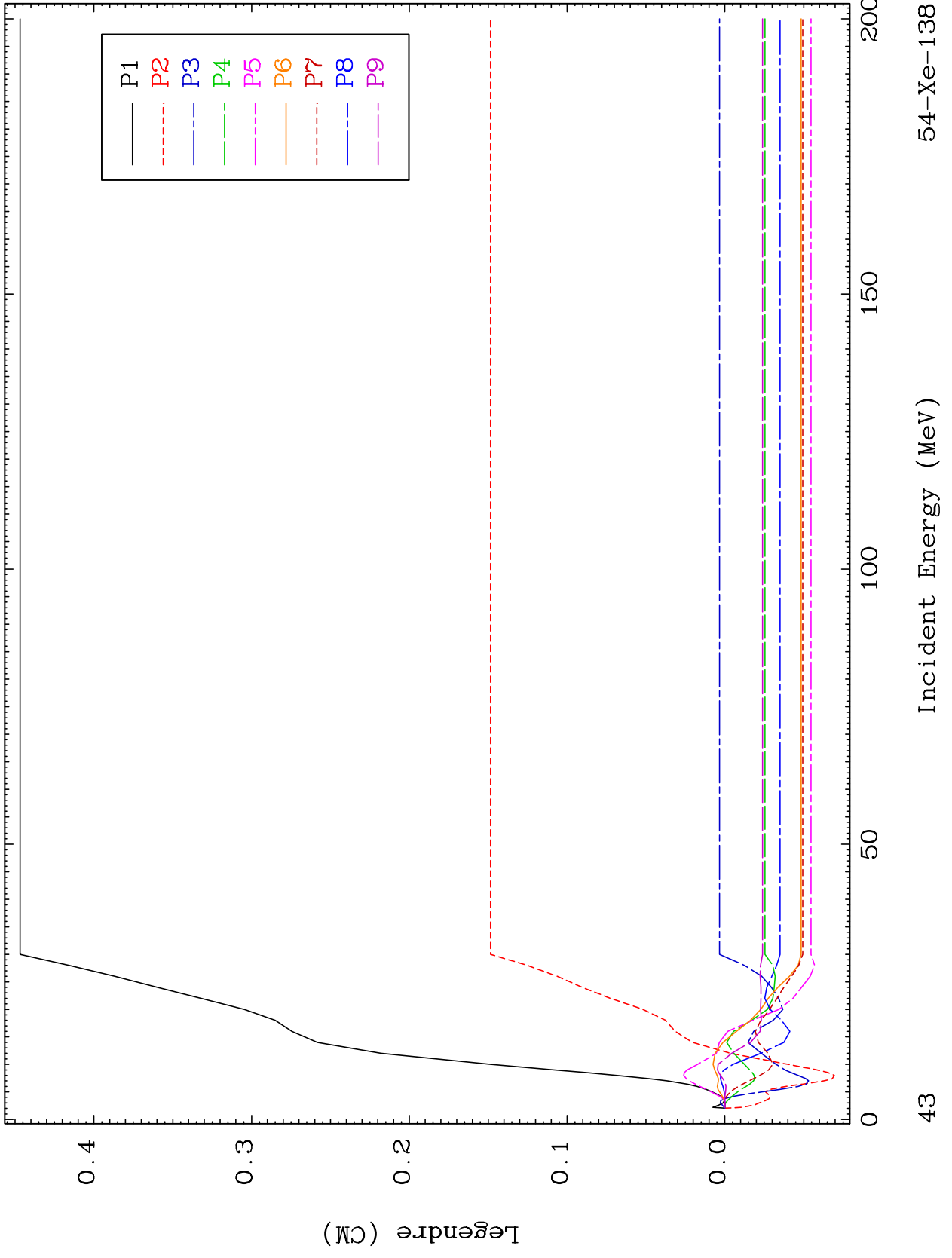
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

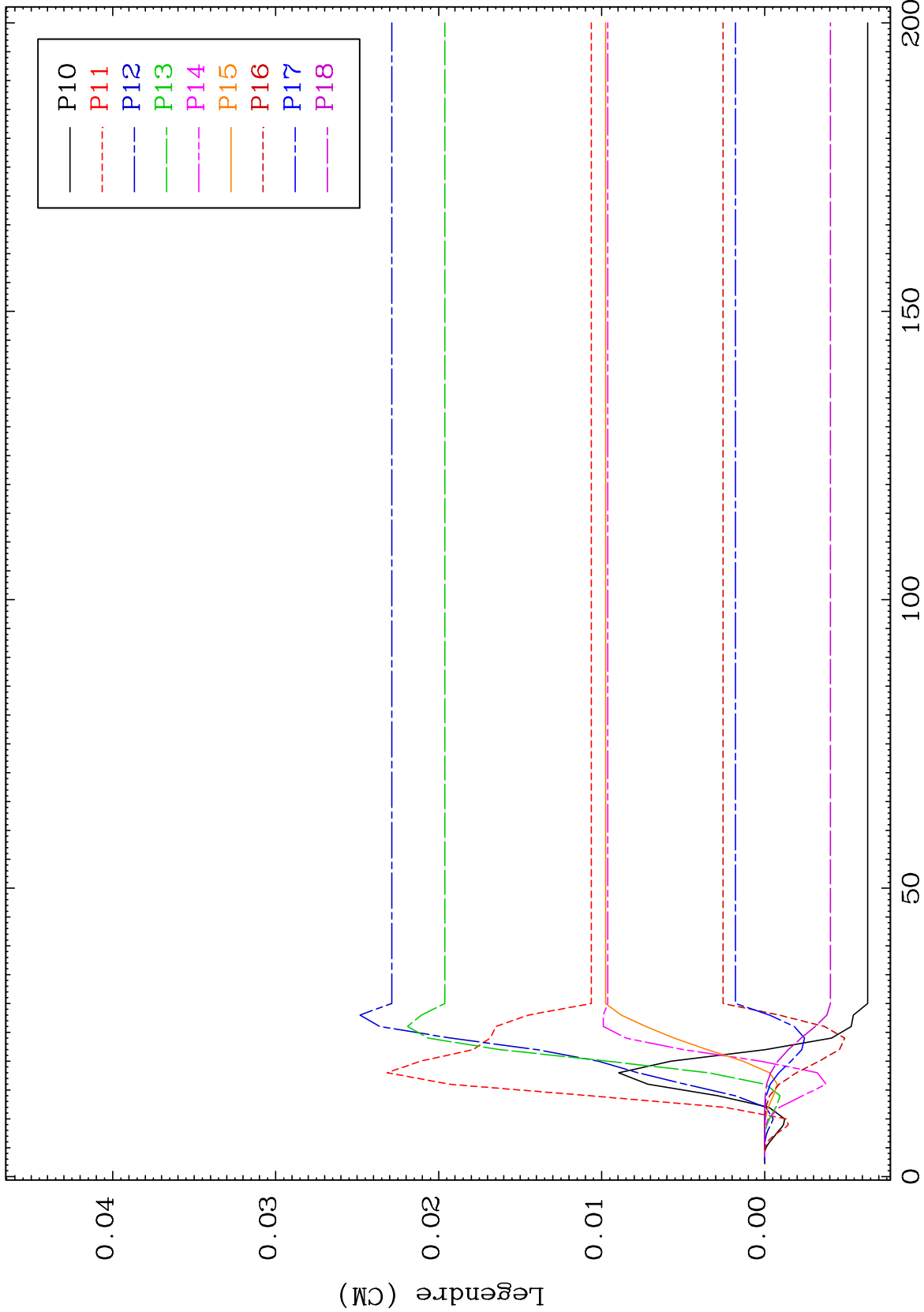
Incident Energy (MeV)

43

MAT 5467

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

54-Xe-138



44

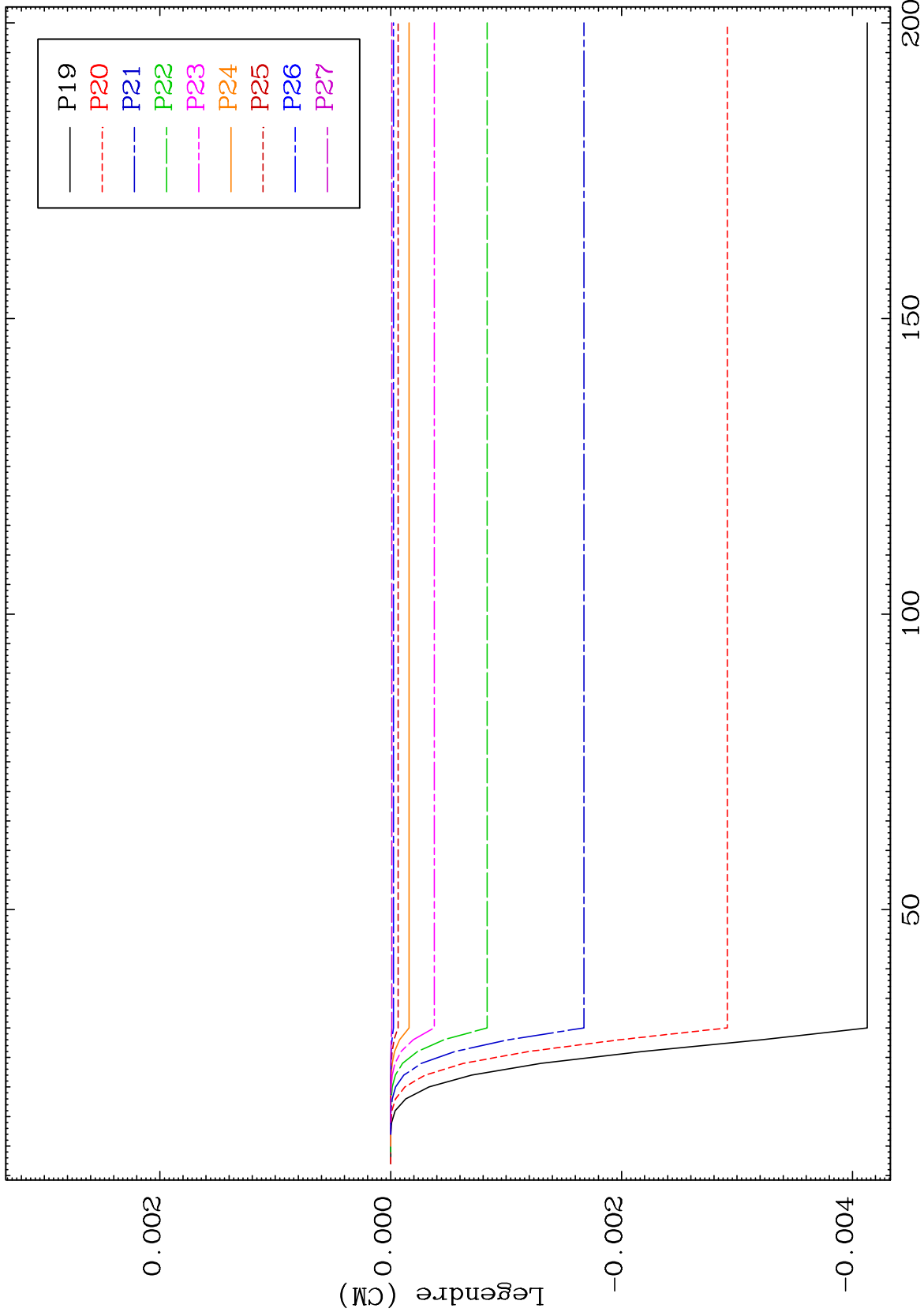
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



45

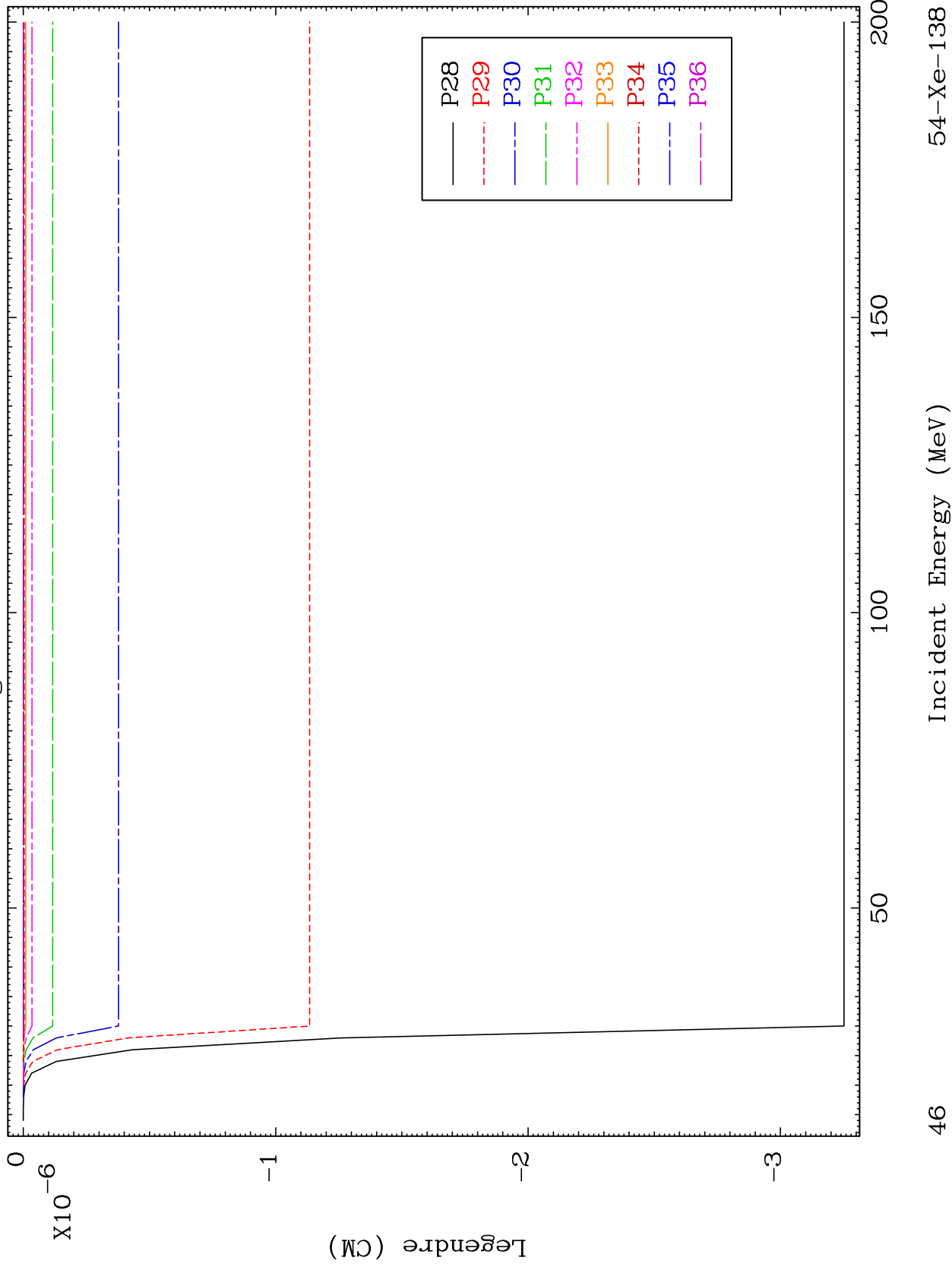
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



46

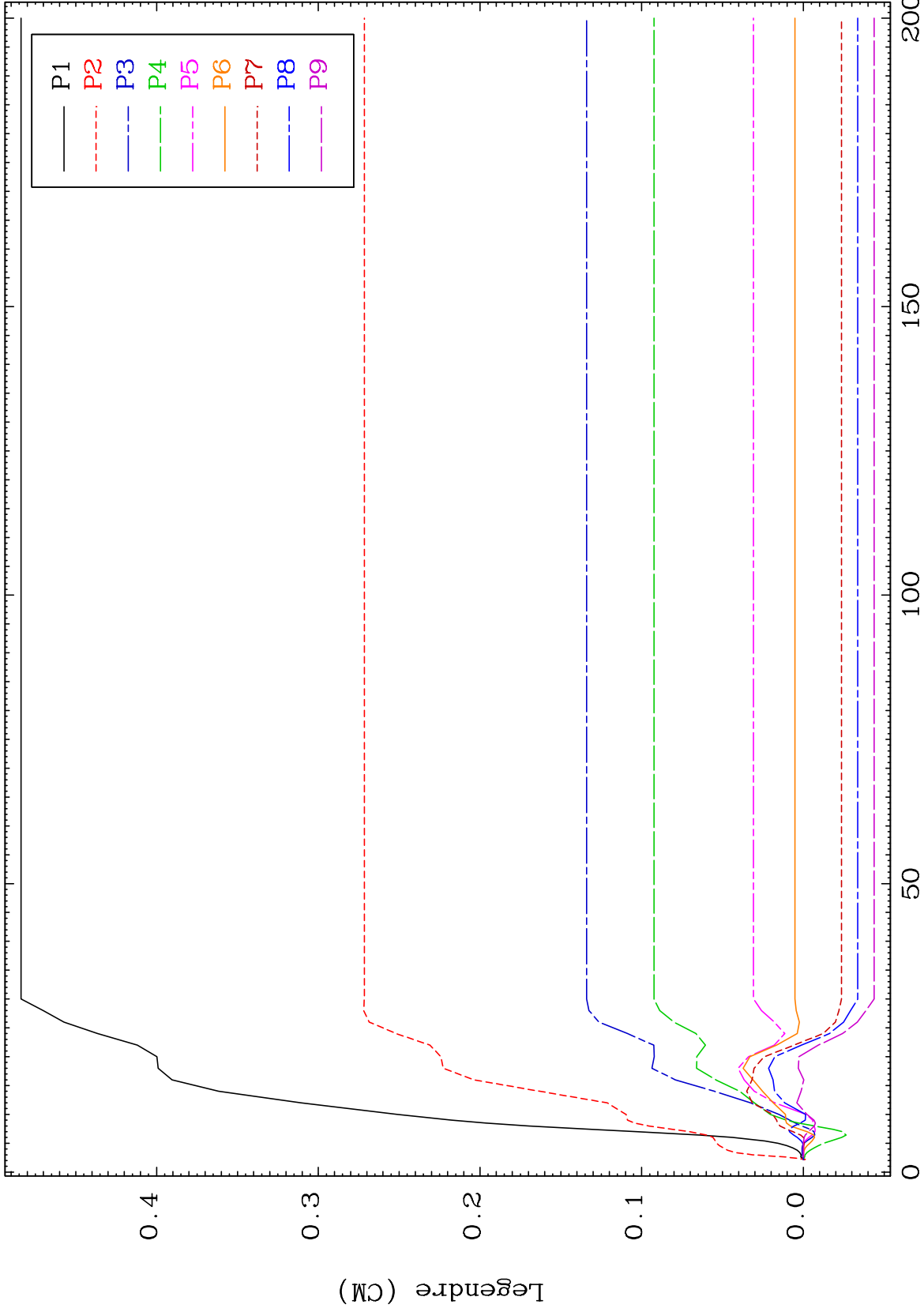
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



47

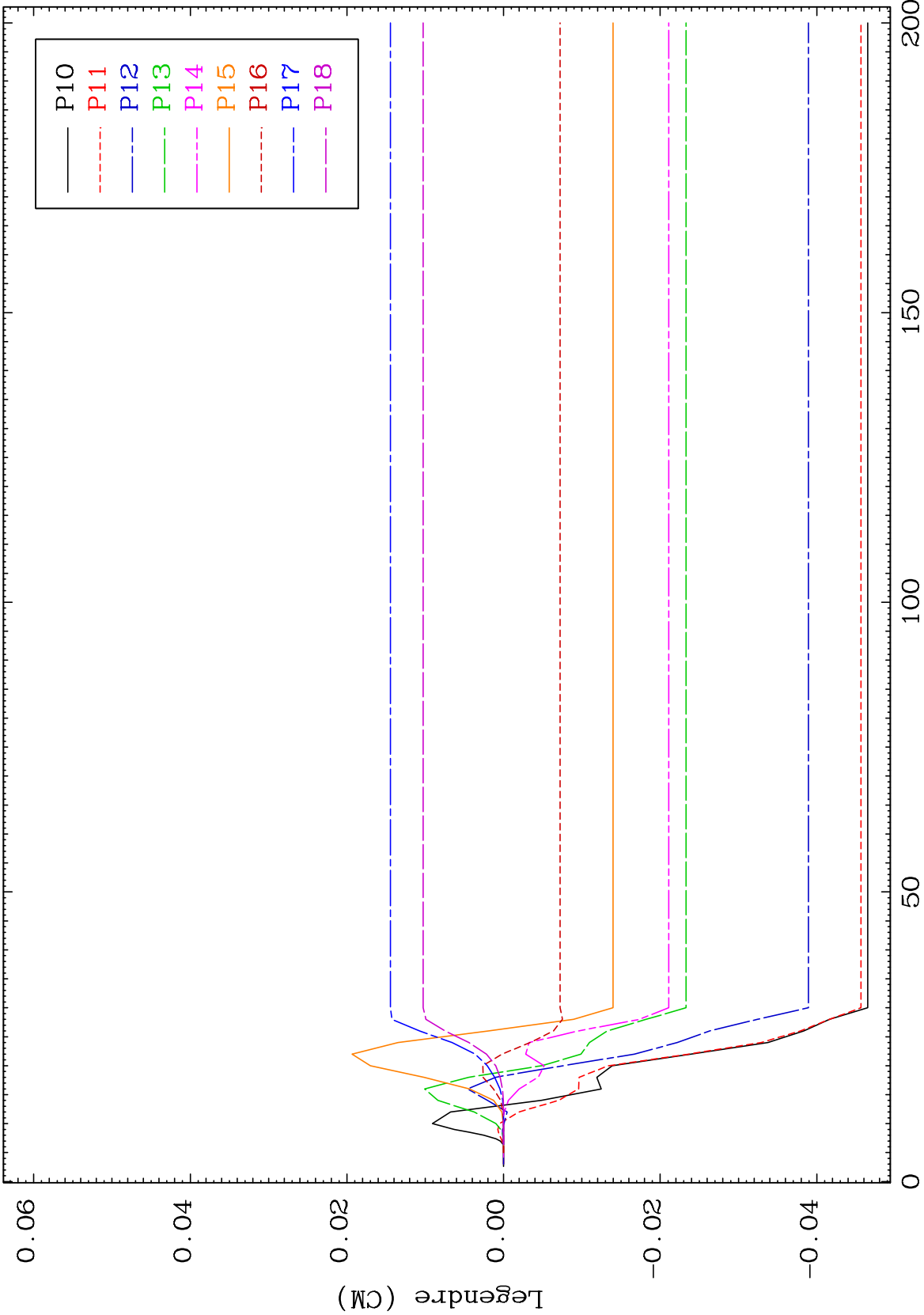
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



48

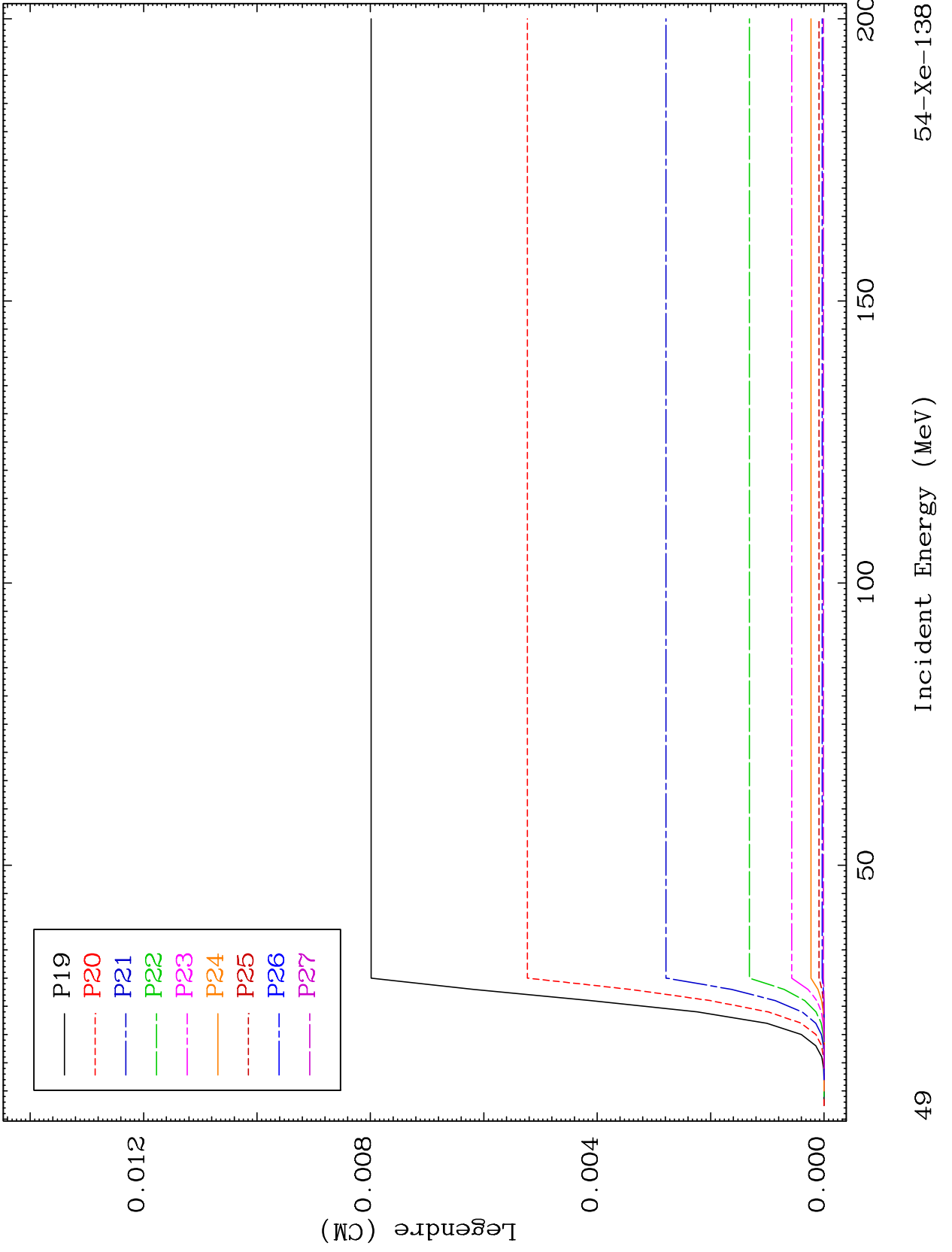
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



49

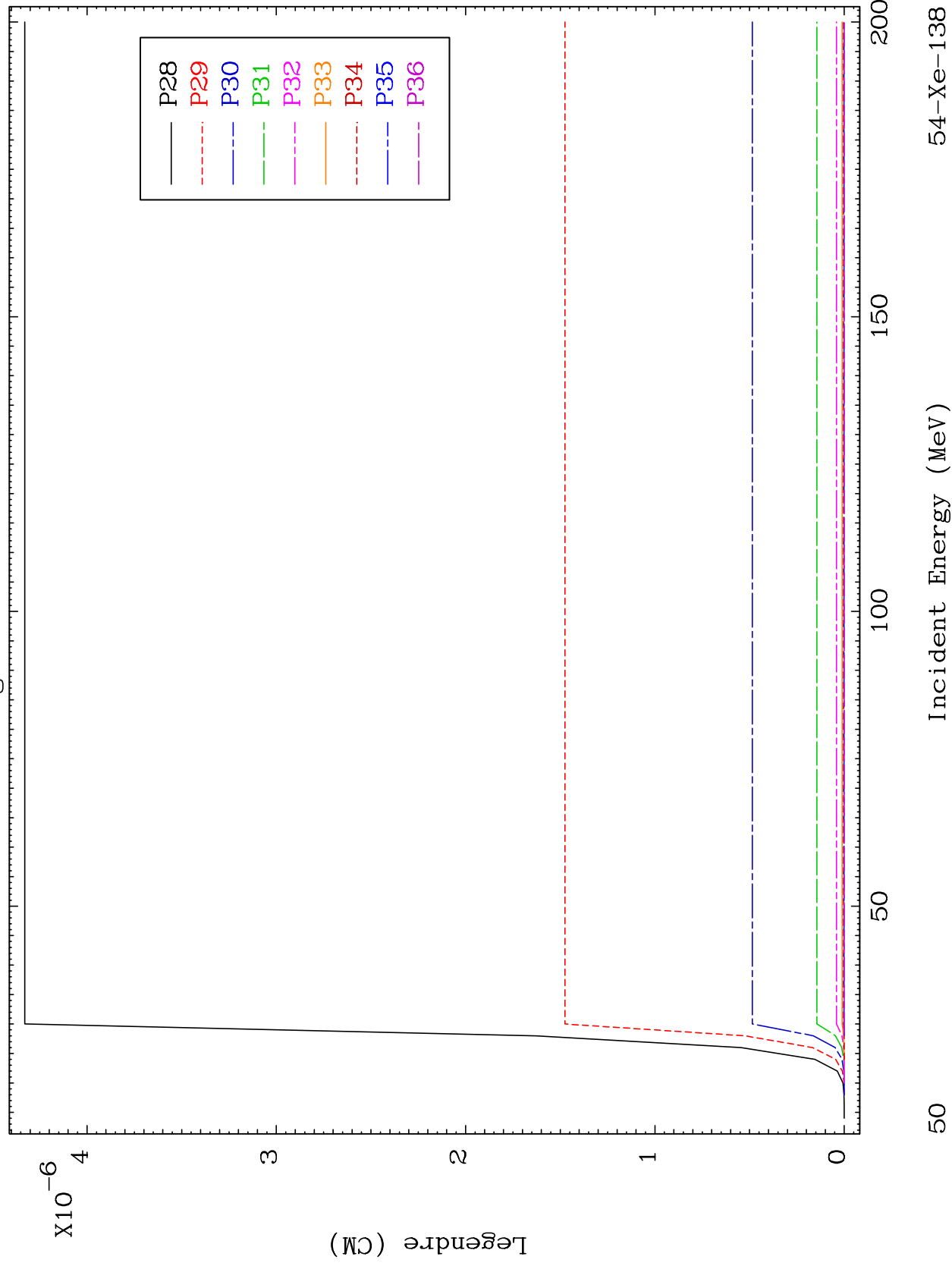
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

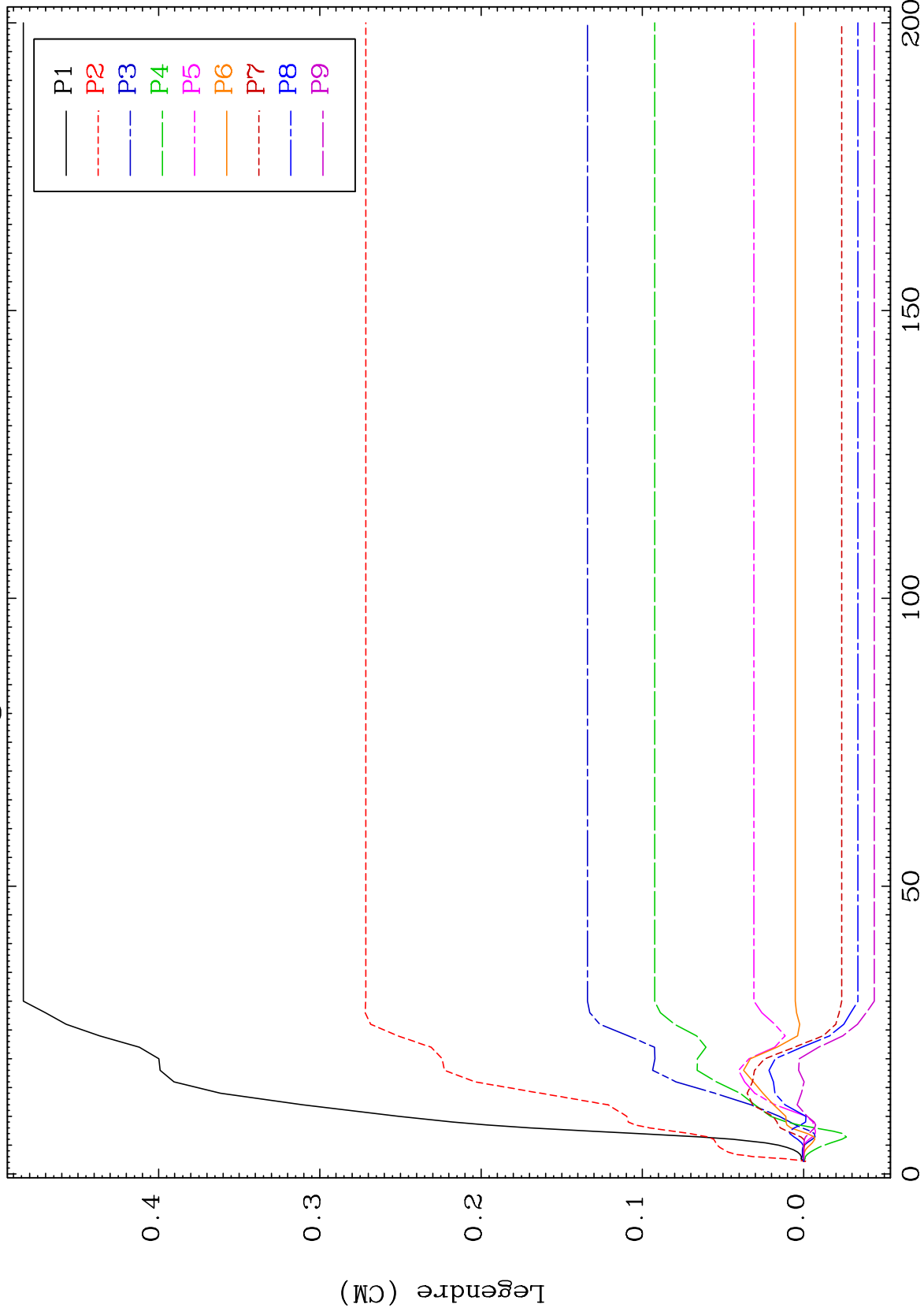
54-Xe-138



MAT 5467

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

54-Xe-138



51

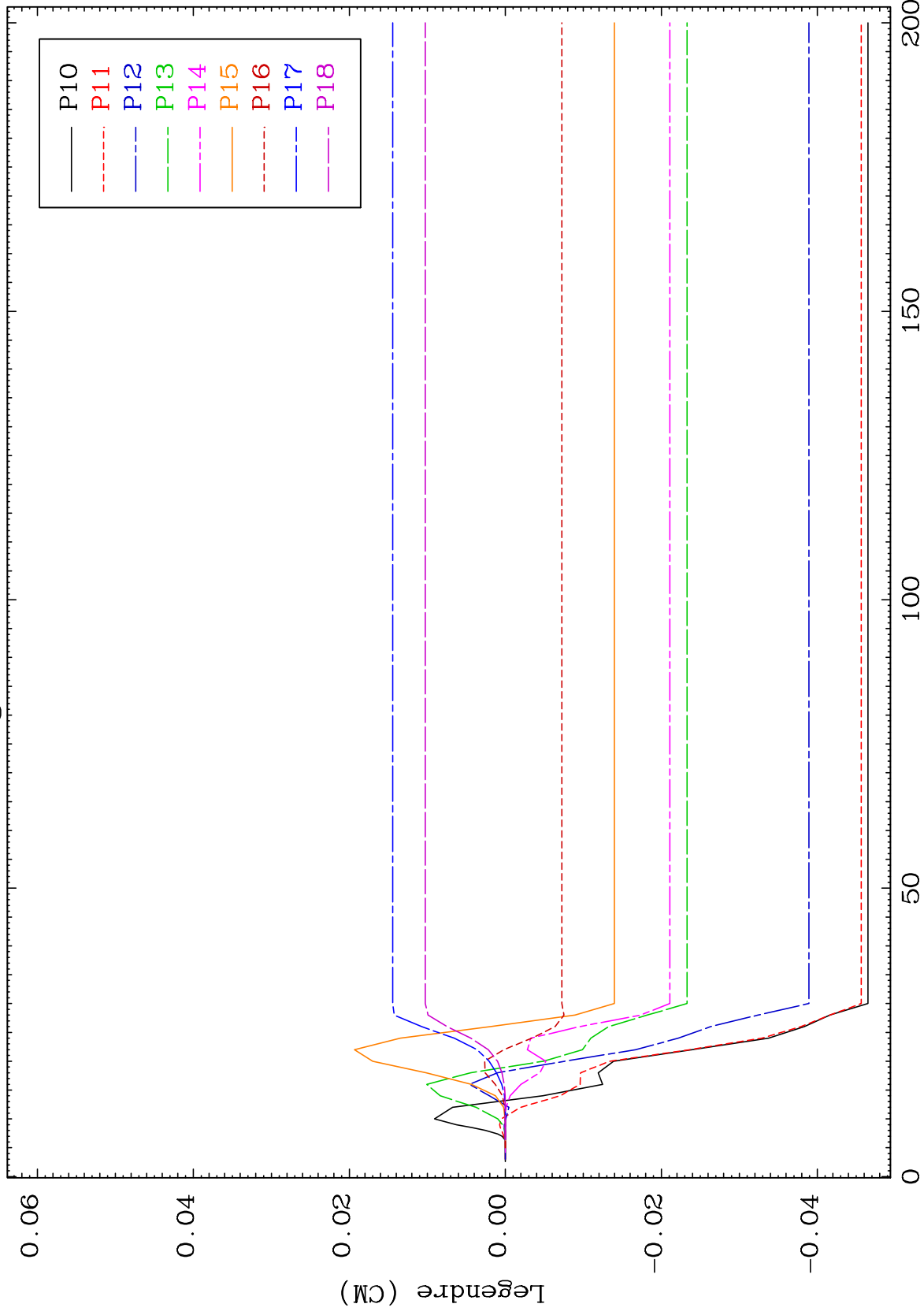
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



52

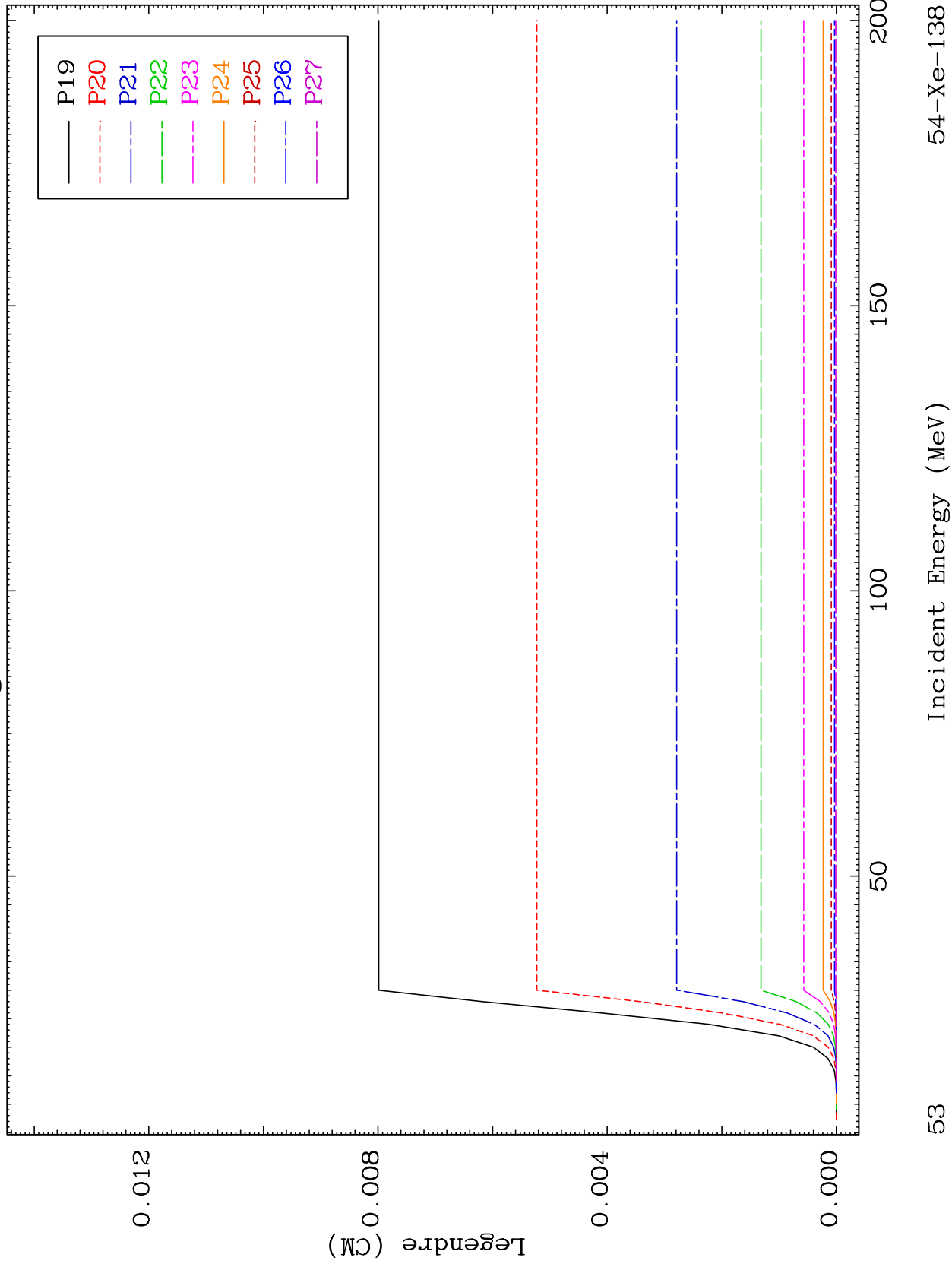
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



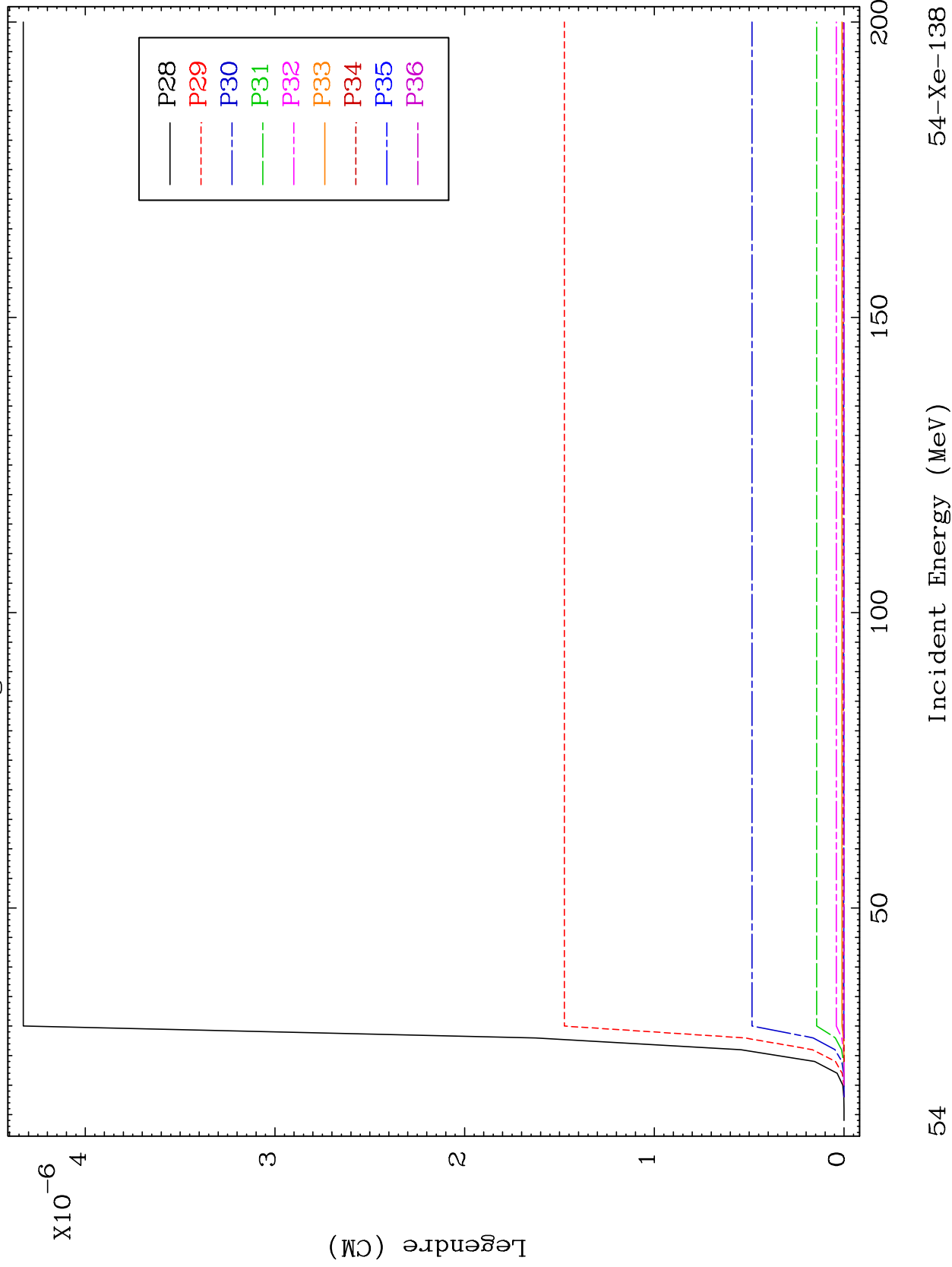
53

54-Xe-138

MAT 5467

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

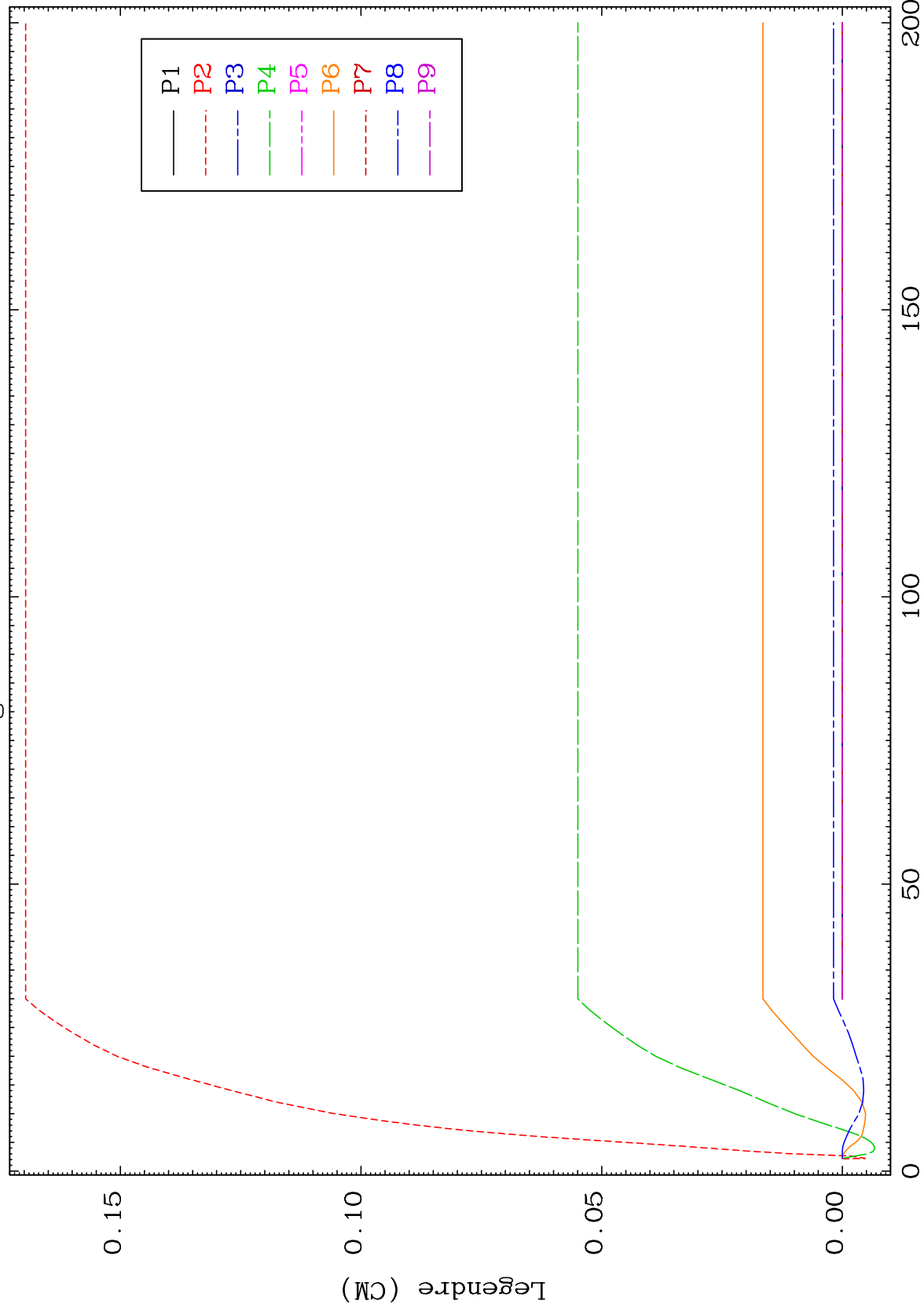
54-Xe-138



MAT 5467

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

54-Xe-138



55

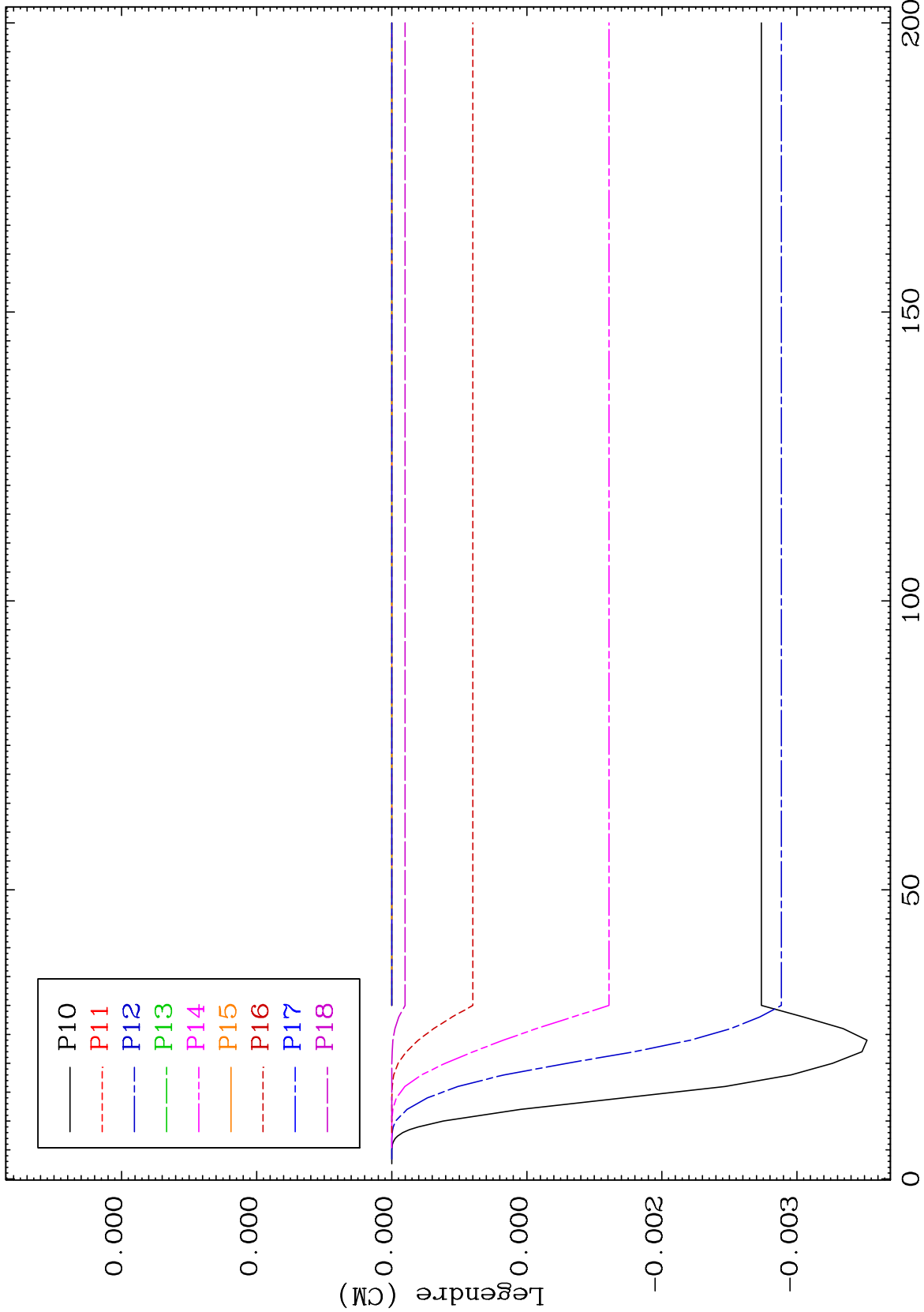
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



56

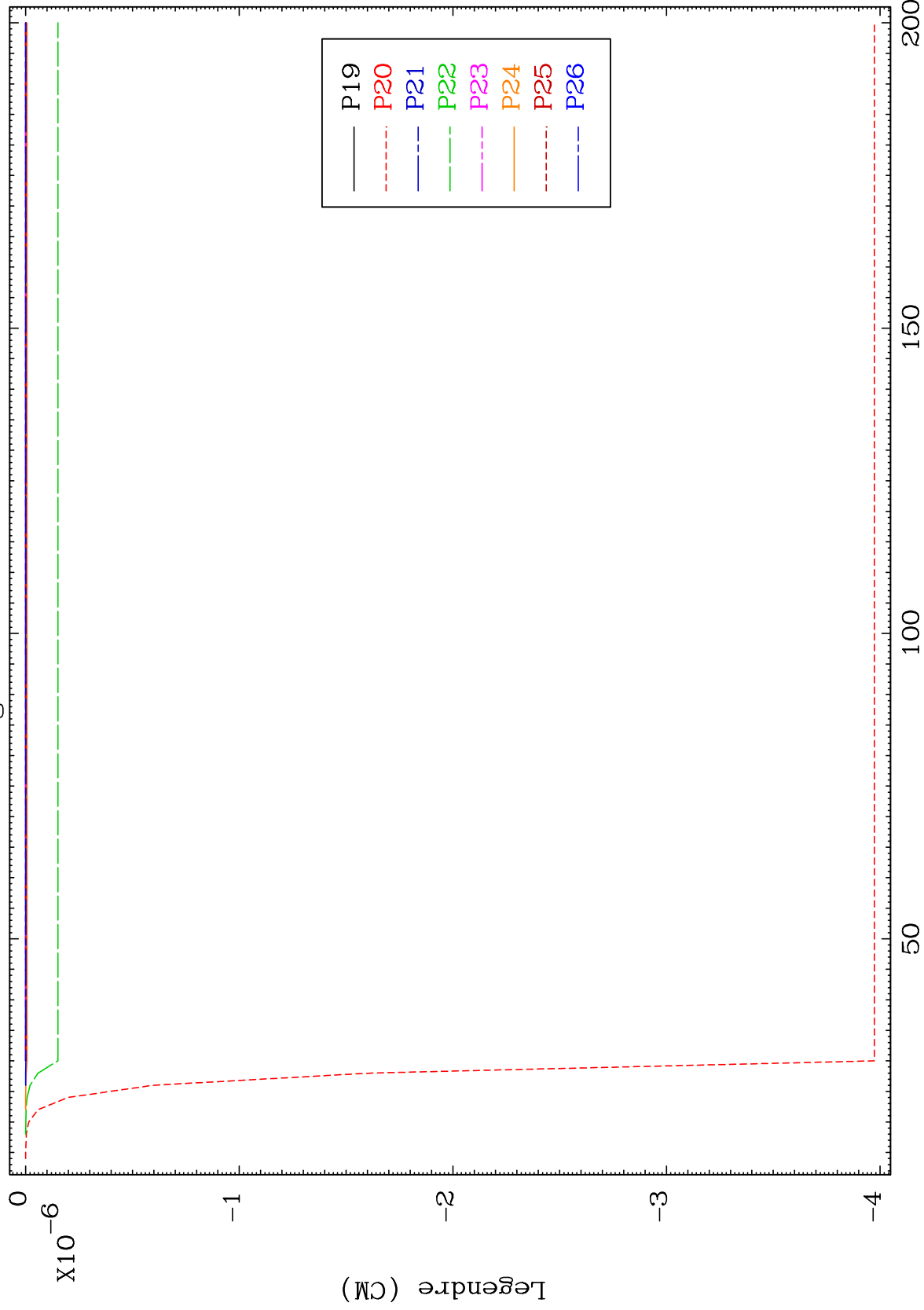
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



57

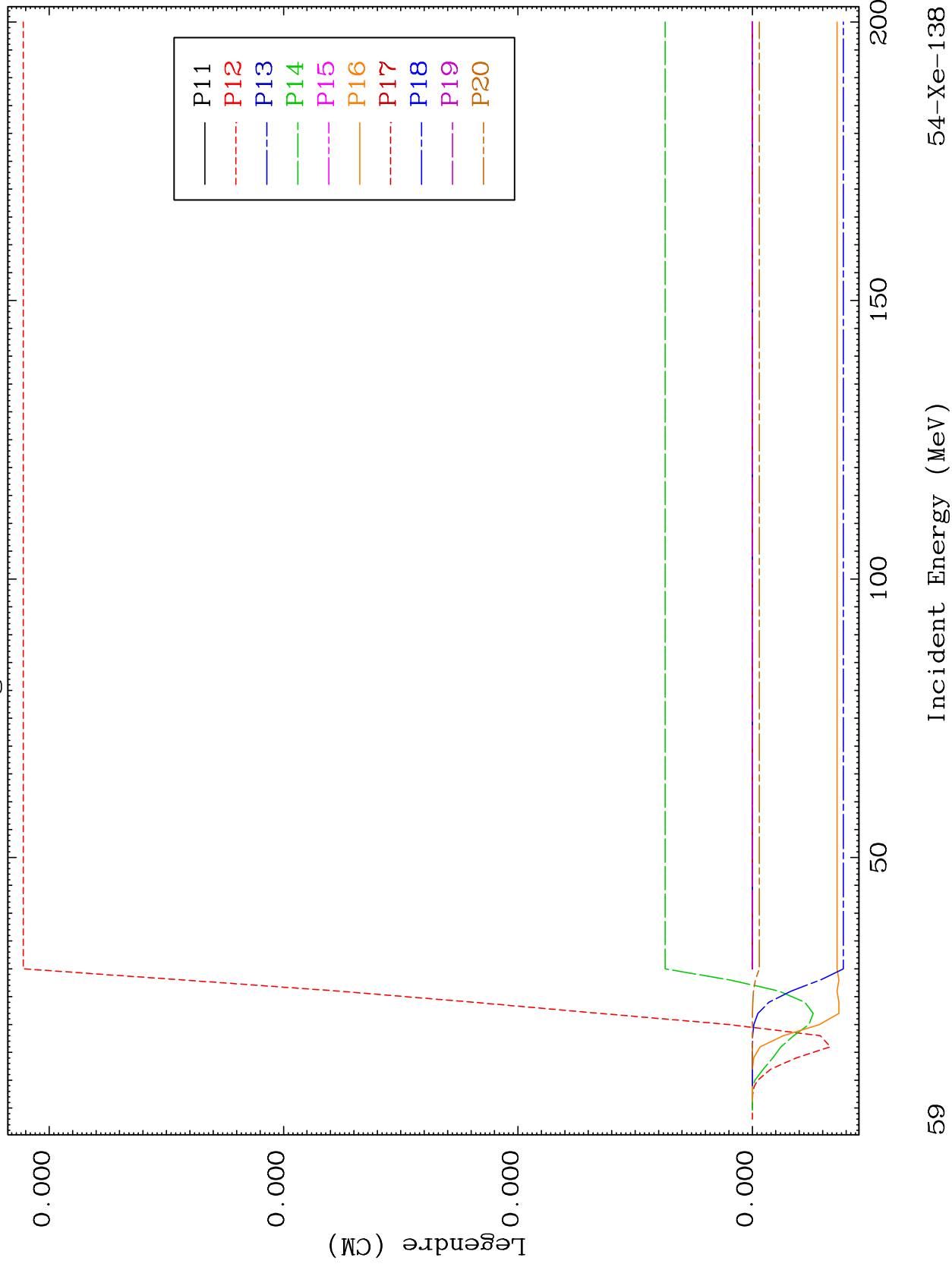
Incident Energy (MeV)

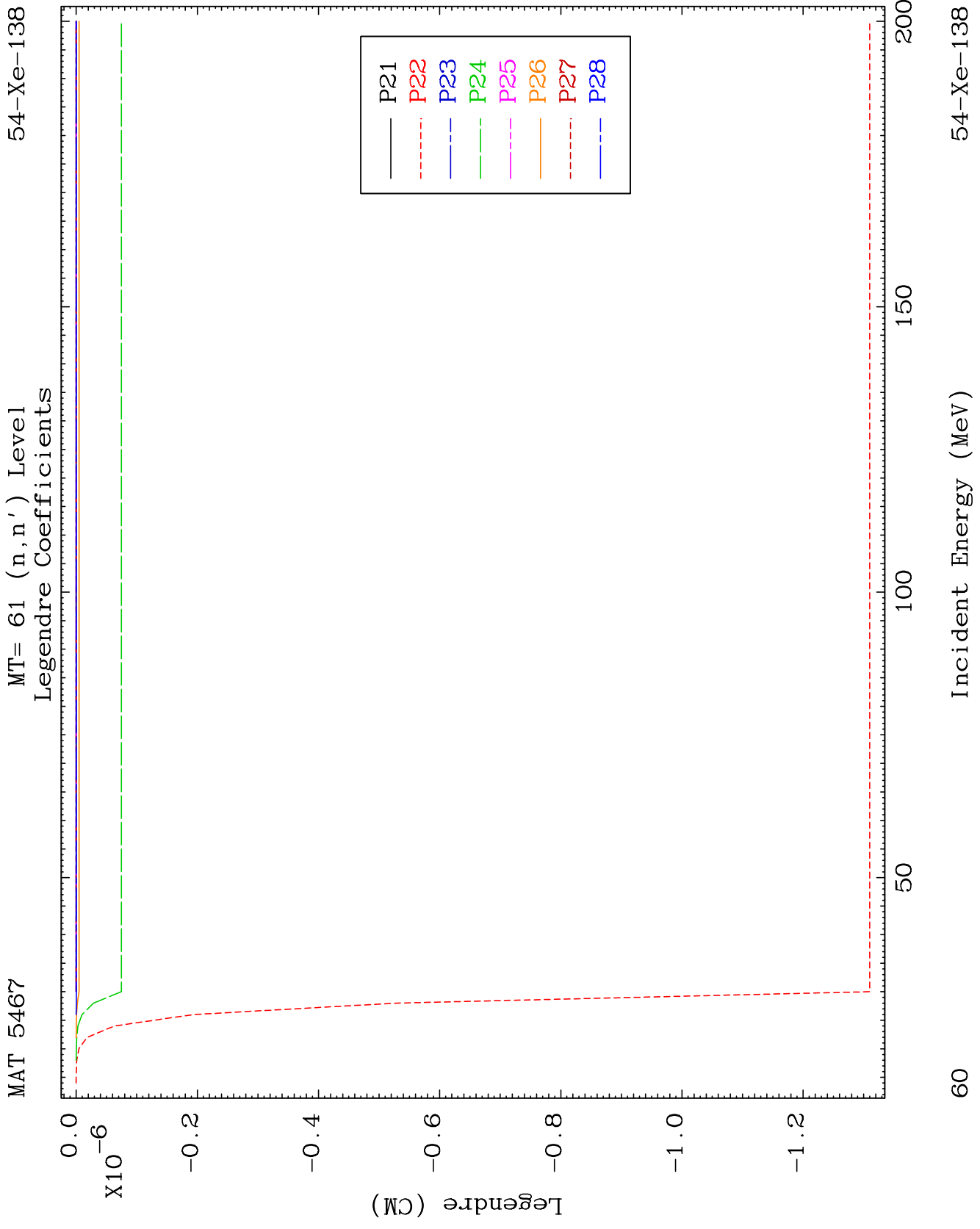
54-Xe-138

MAT 5467

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

54-Xe-138

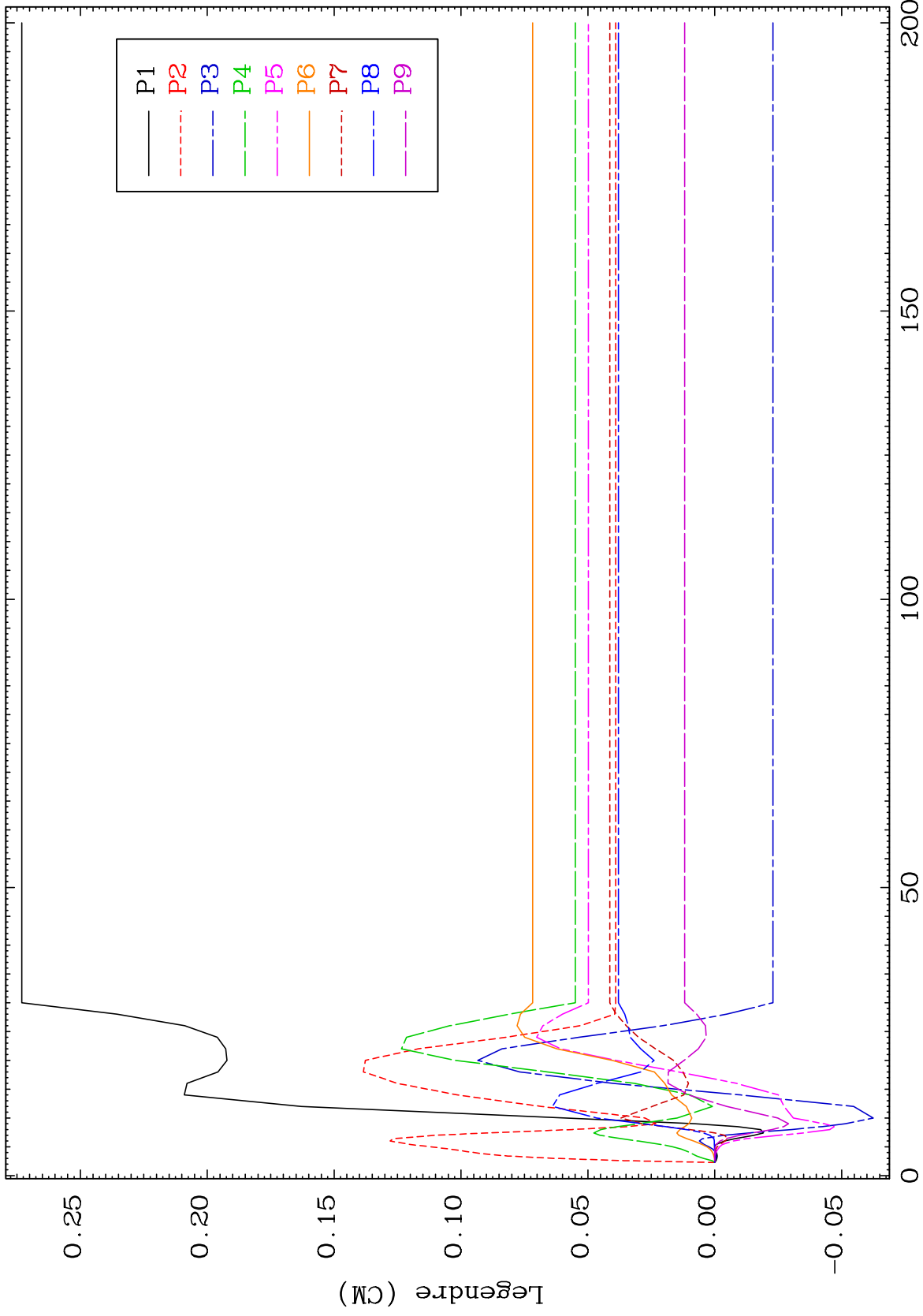




MAT 5467

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

54-Xe-138



61

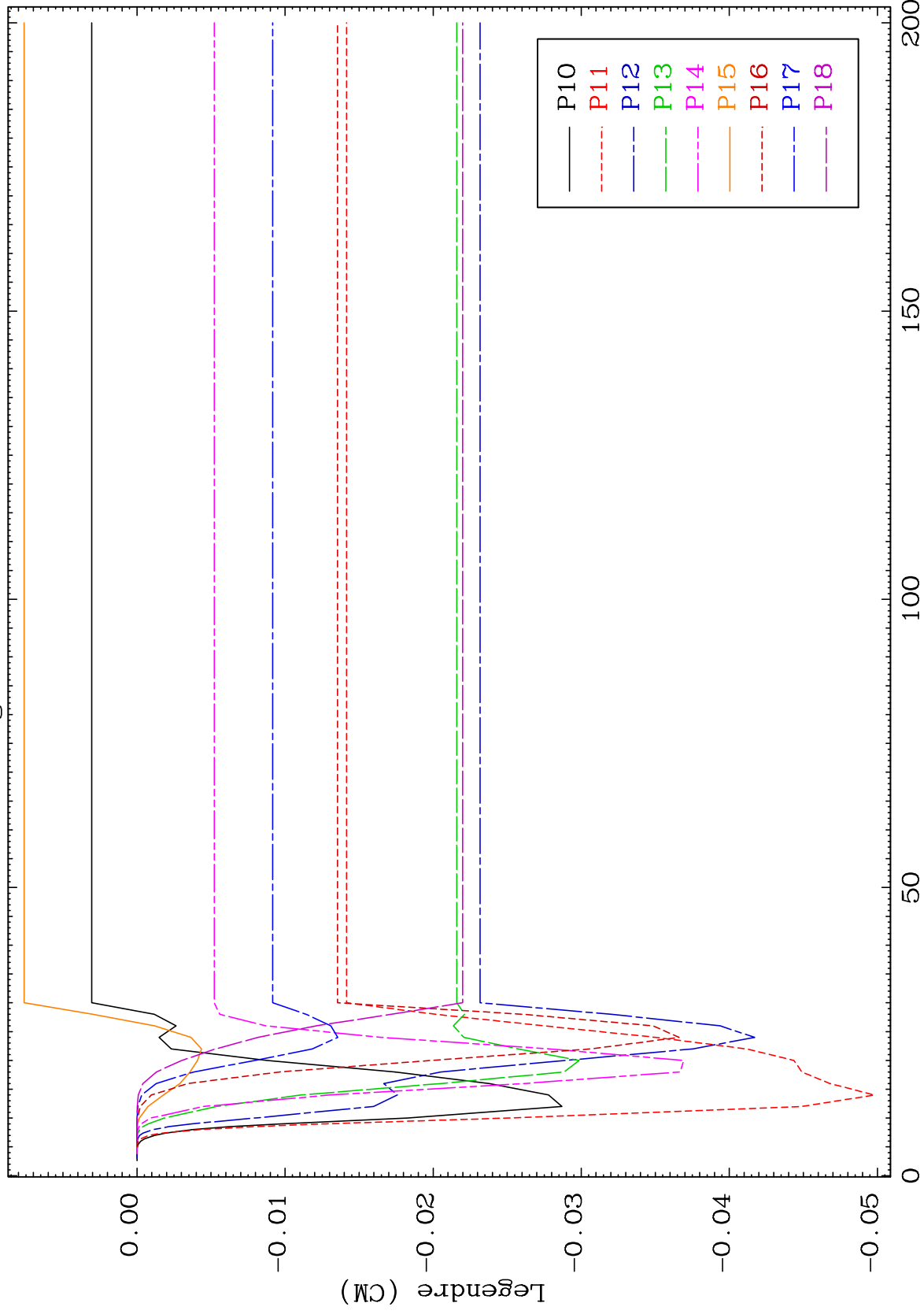
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

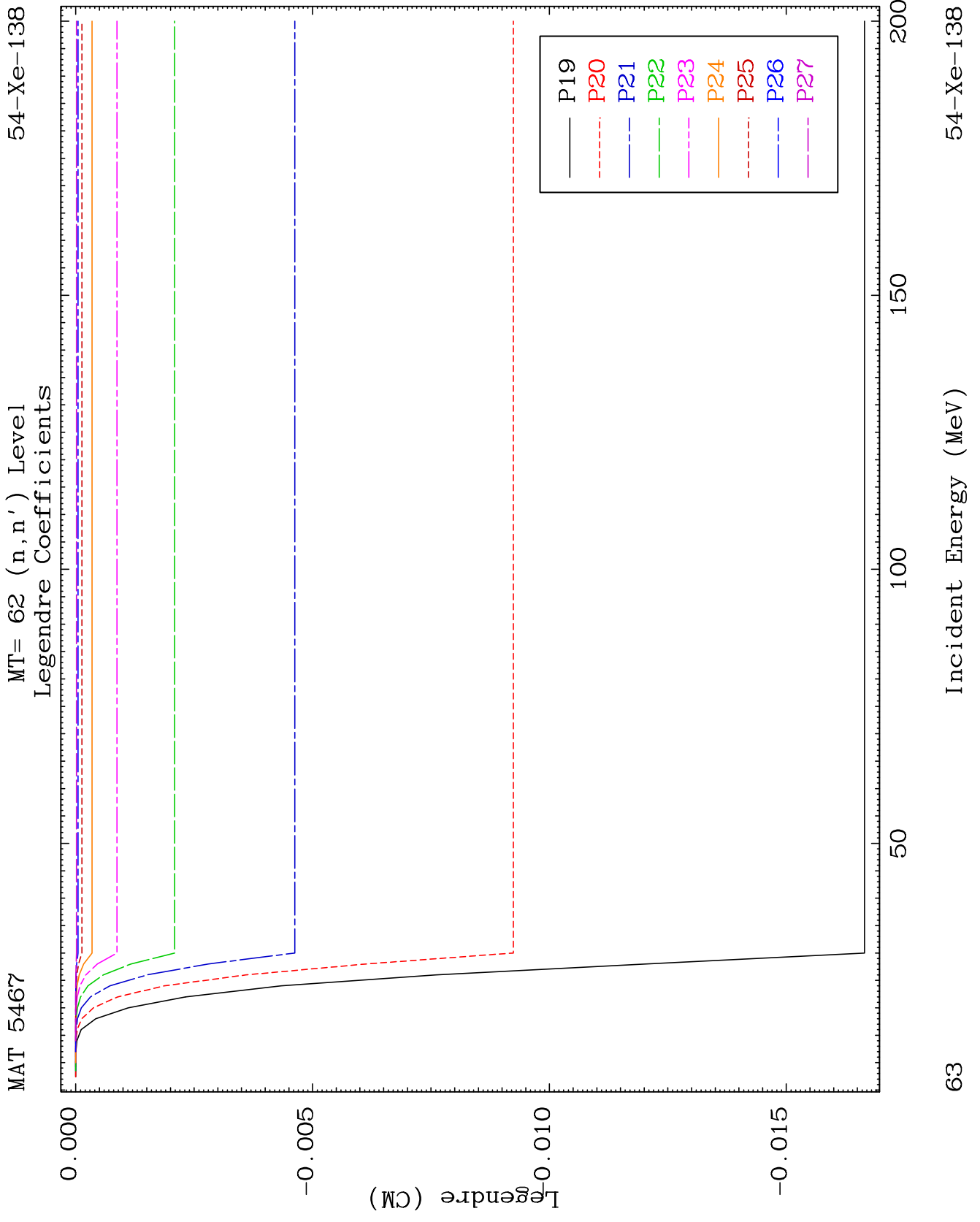
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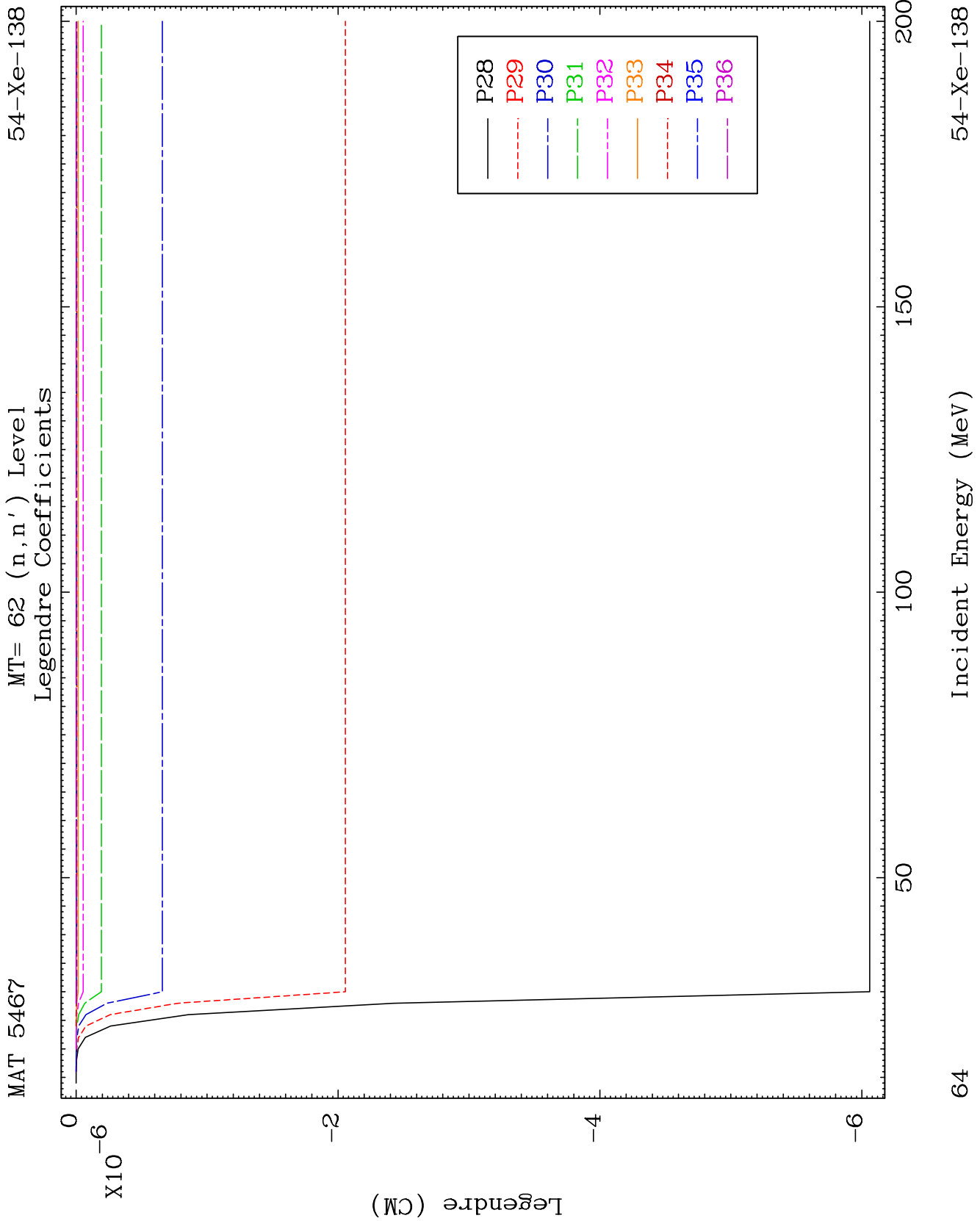


62

Incident Energy (MeV)

54-Xe-138

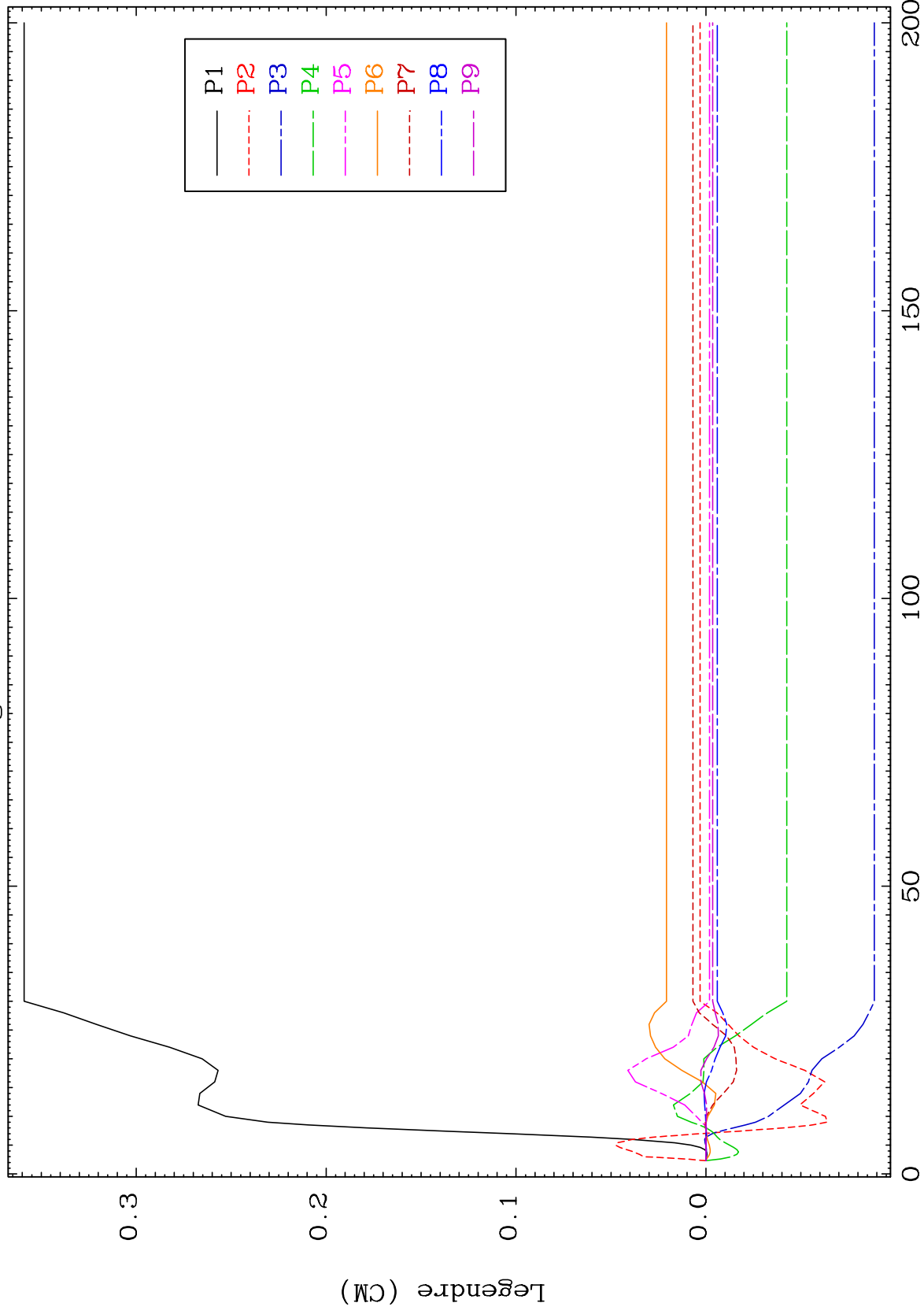




MAT 5467

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

54-Xe-138



65

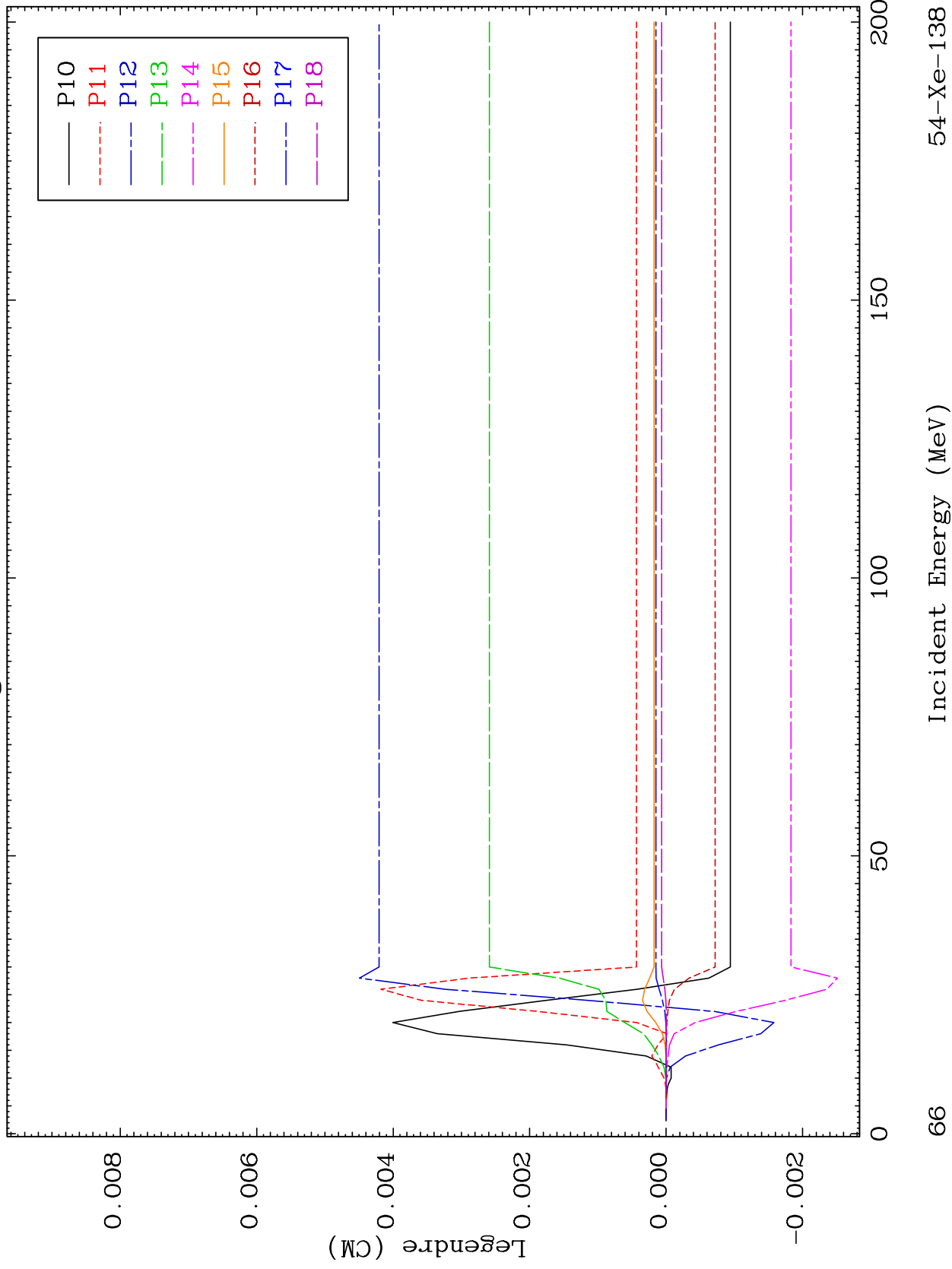
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

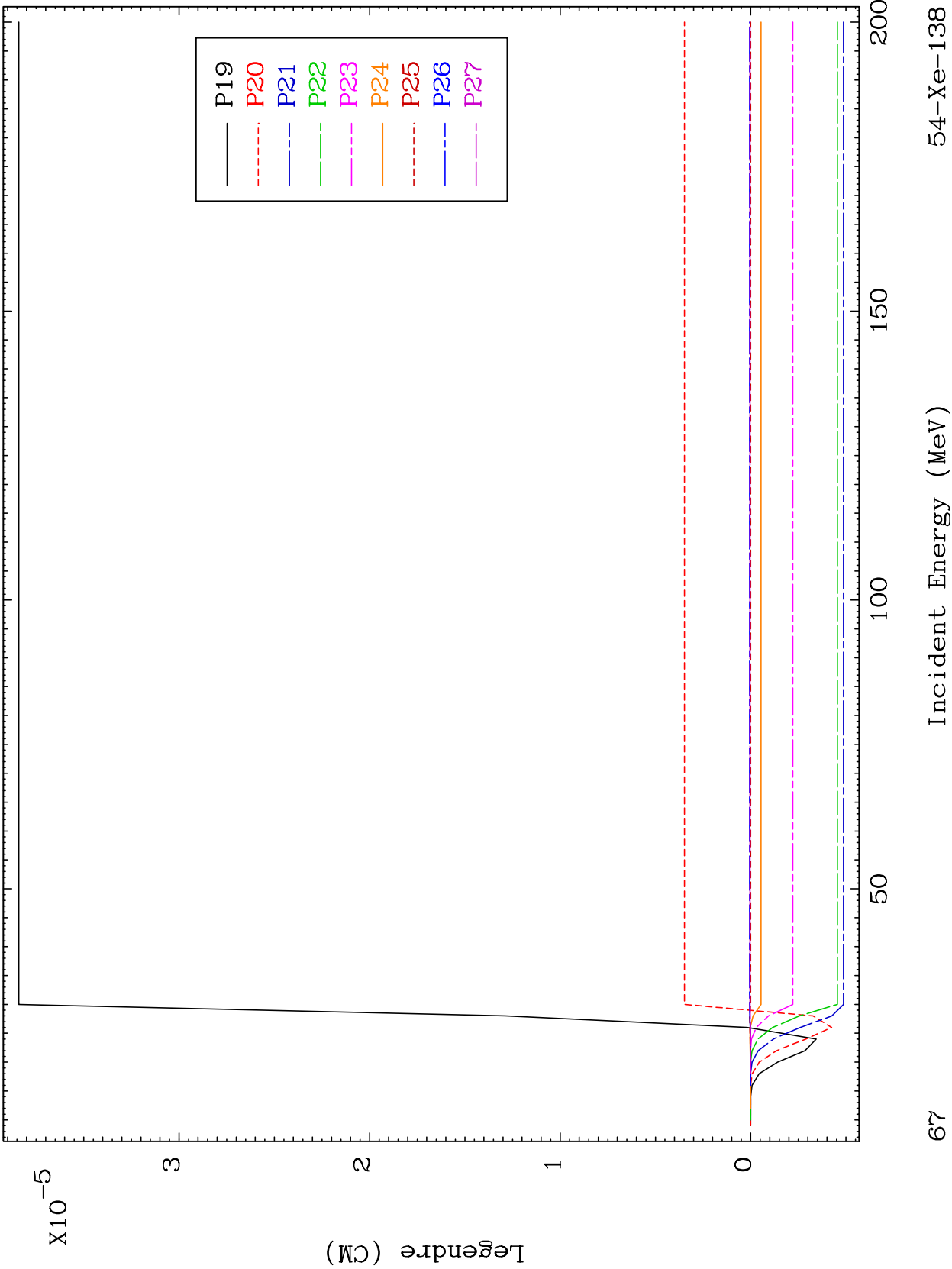
54-Xe-138



MAT 5467

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

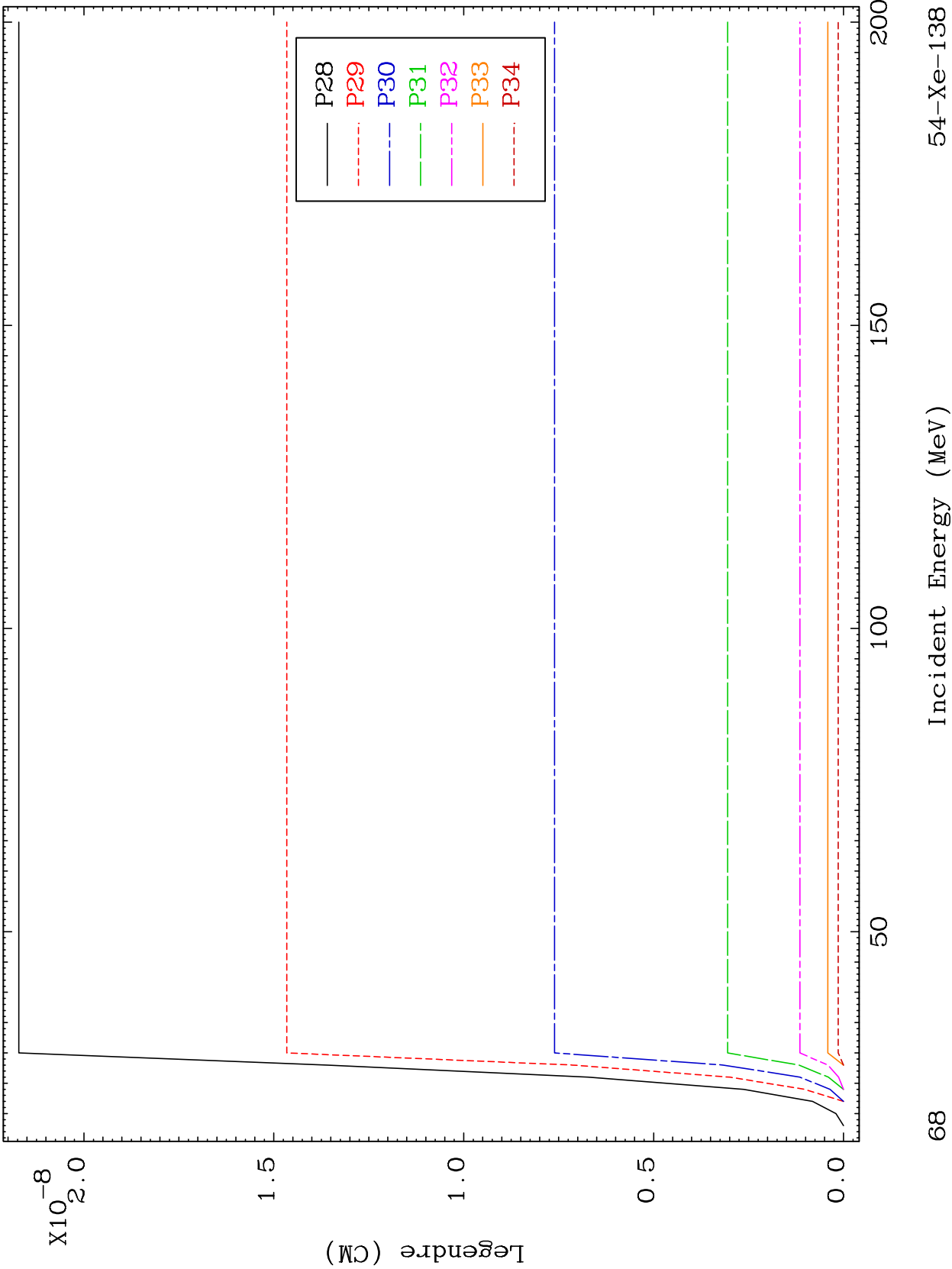
54-Xe-138



MAT 5467

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

54-Xe-138

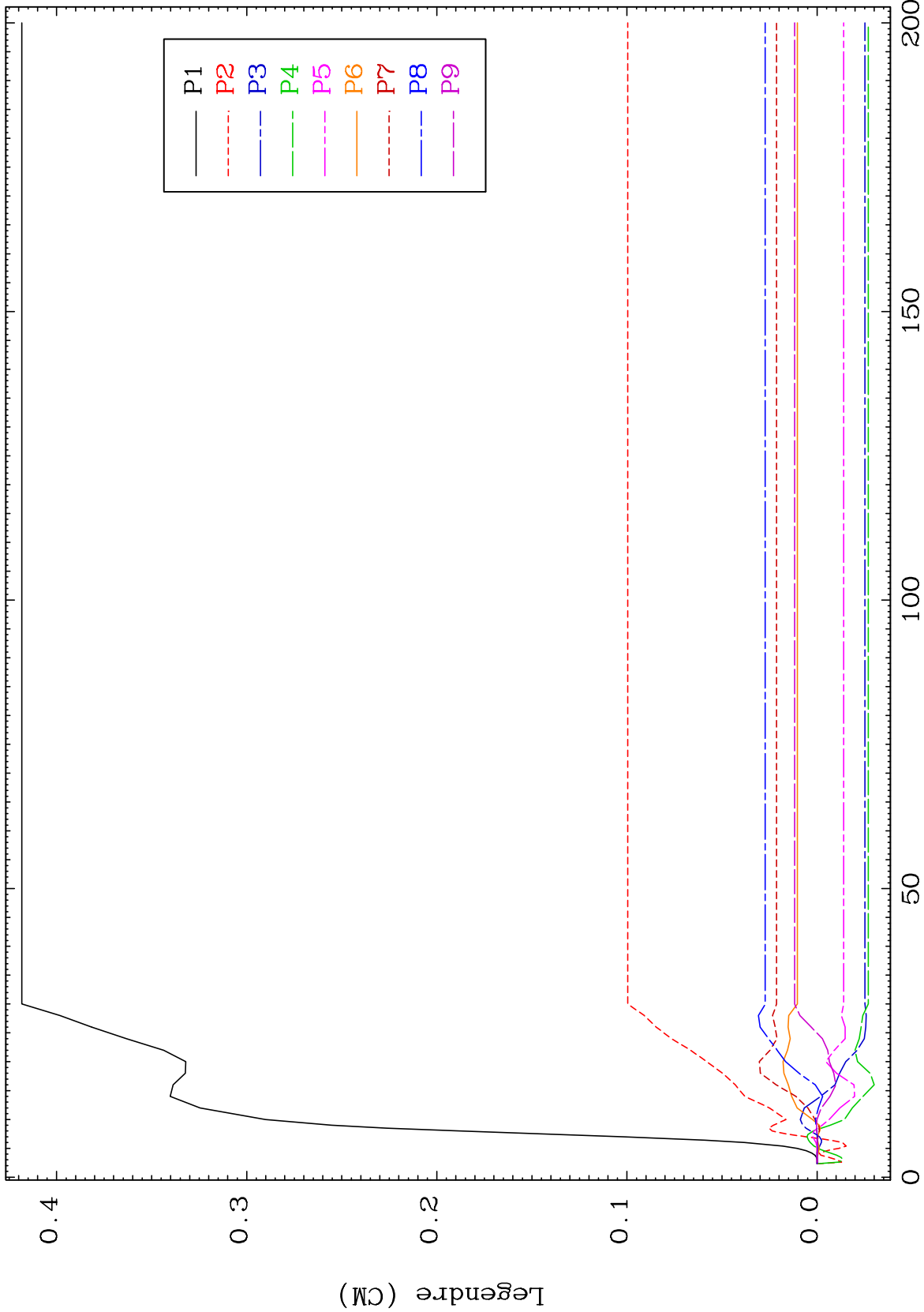


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MAT 5467

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

54-Xe-138



69

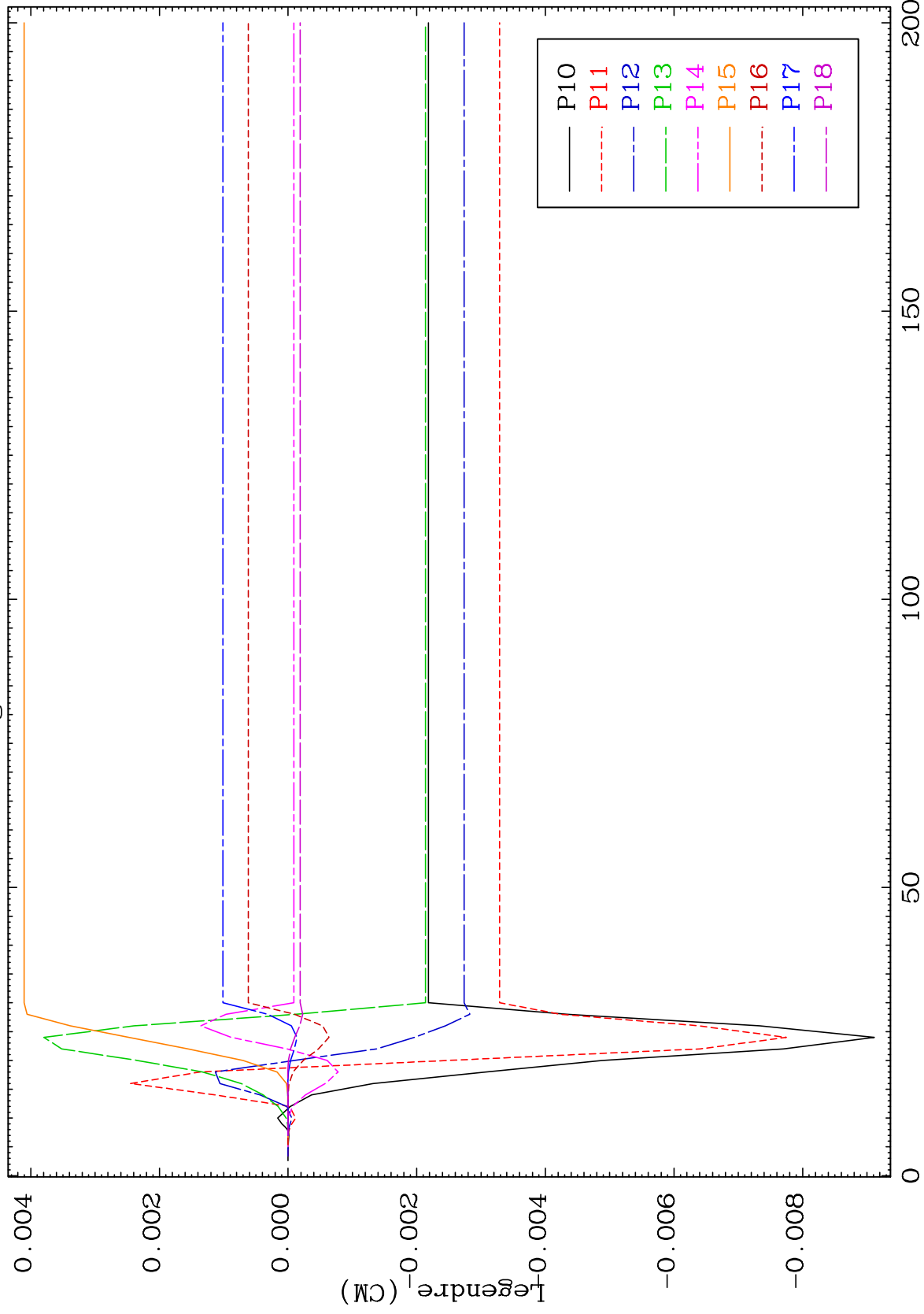
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



70

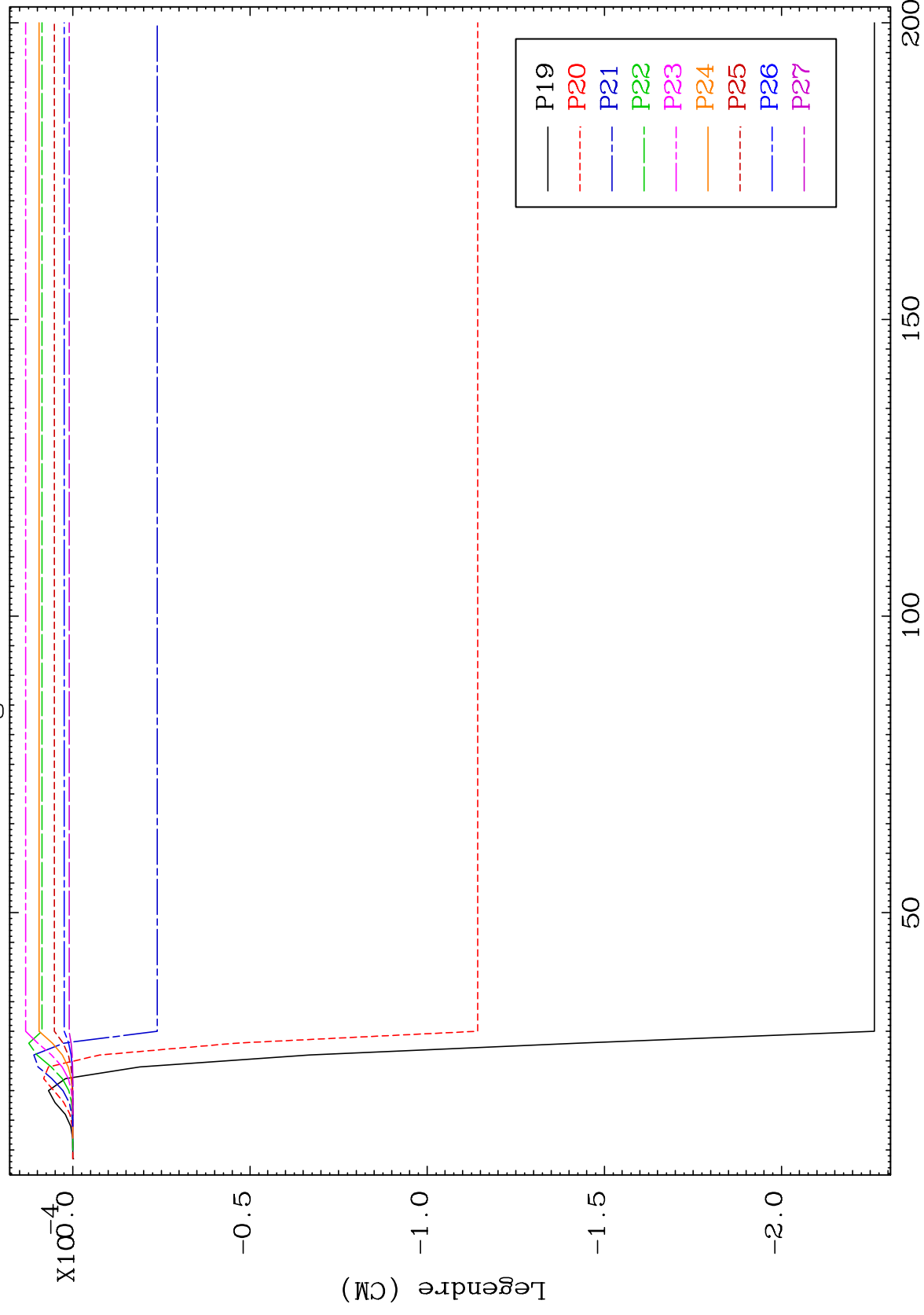
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

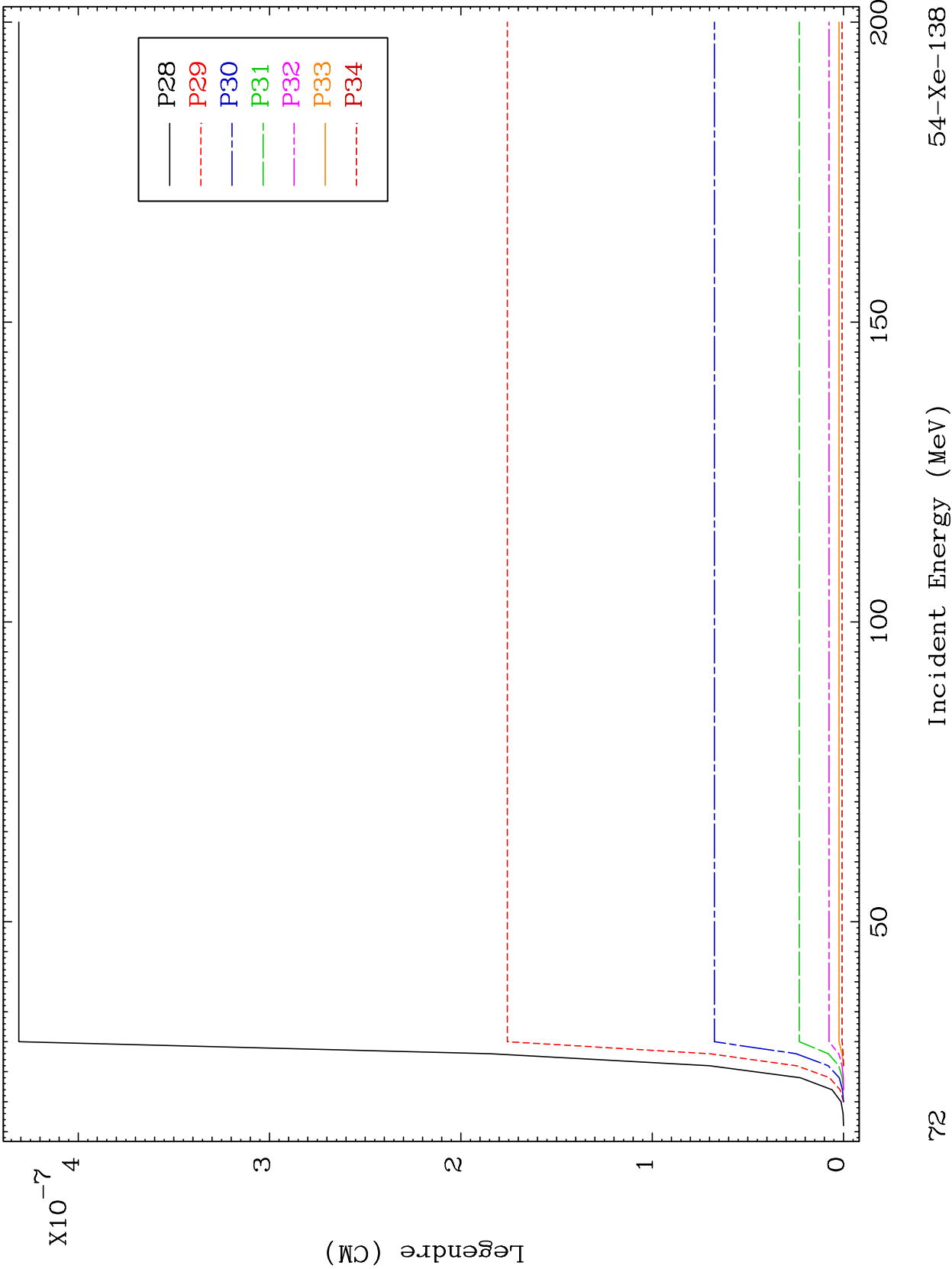
54-Xe-138



MAT 5467

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

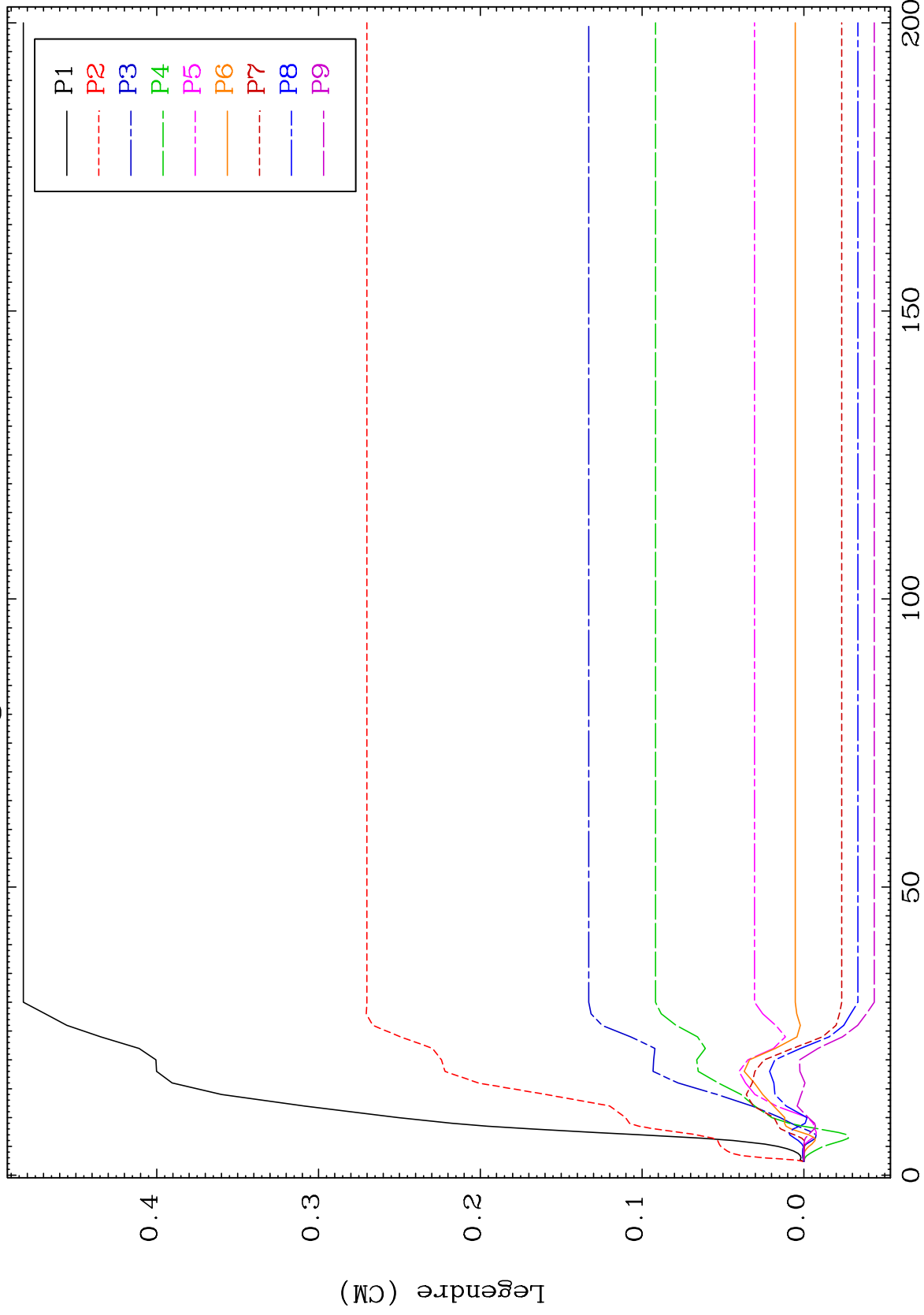
54-Xe-138



MAT 5467

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

54-Xe-138



73

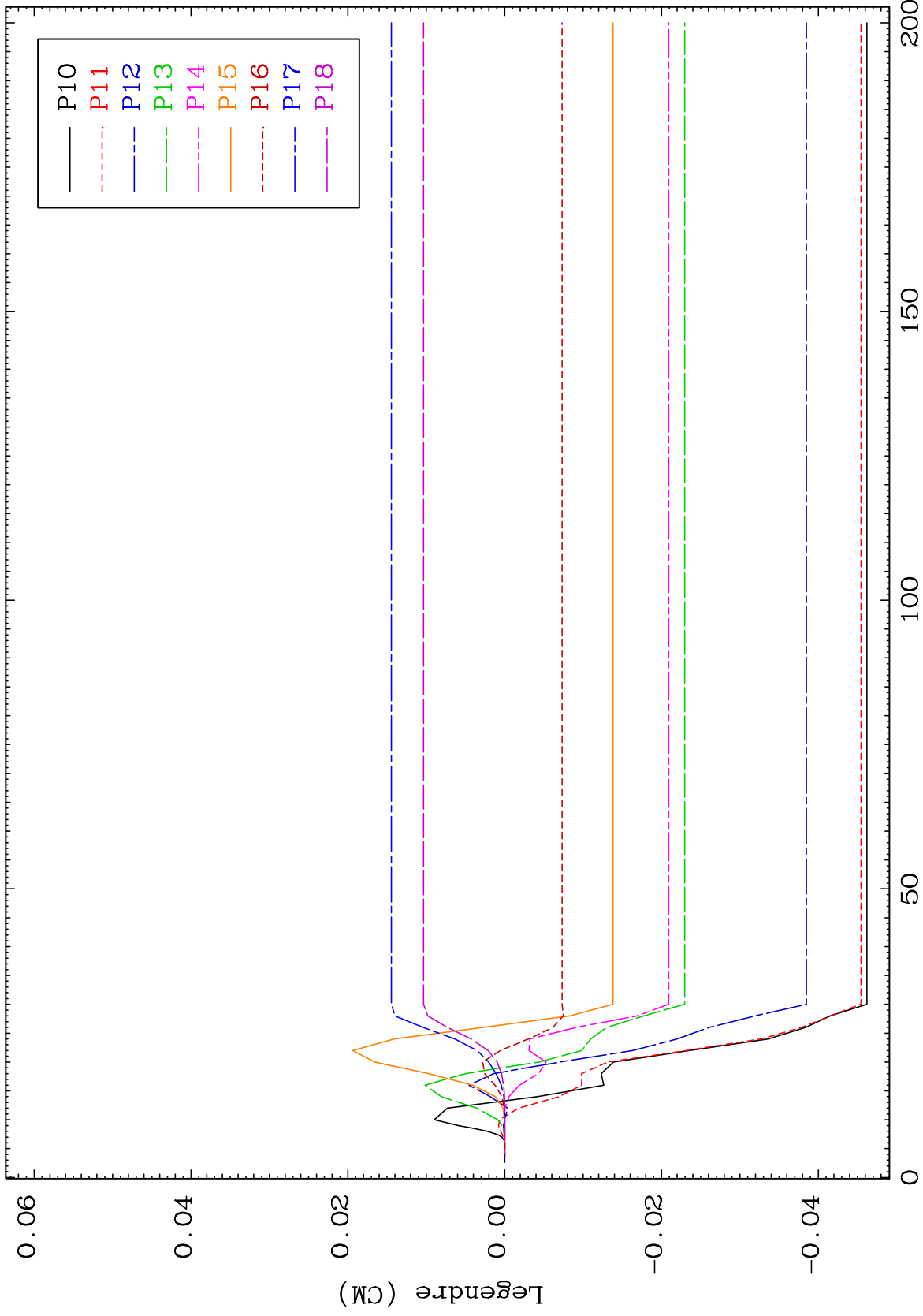
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



74

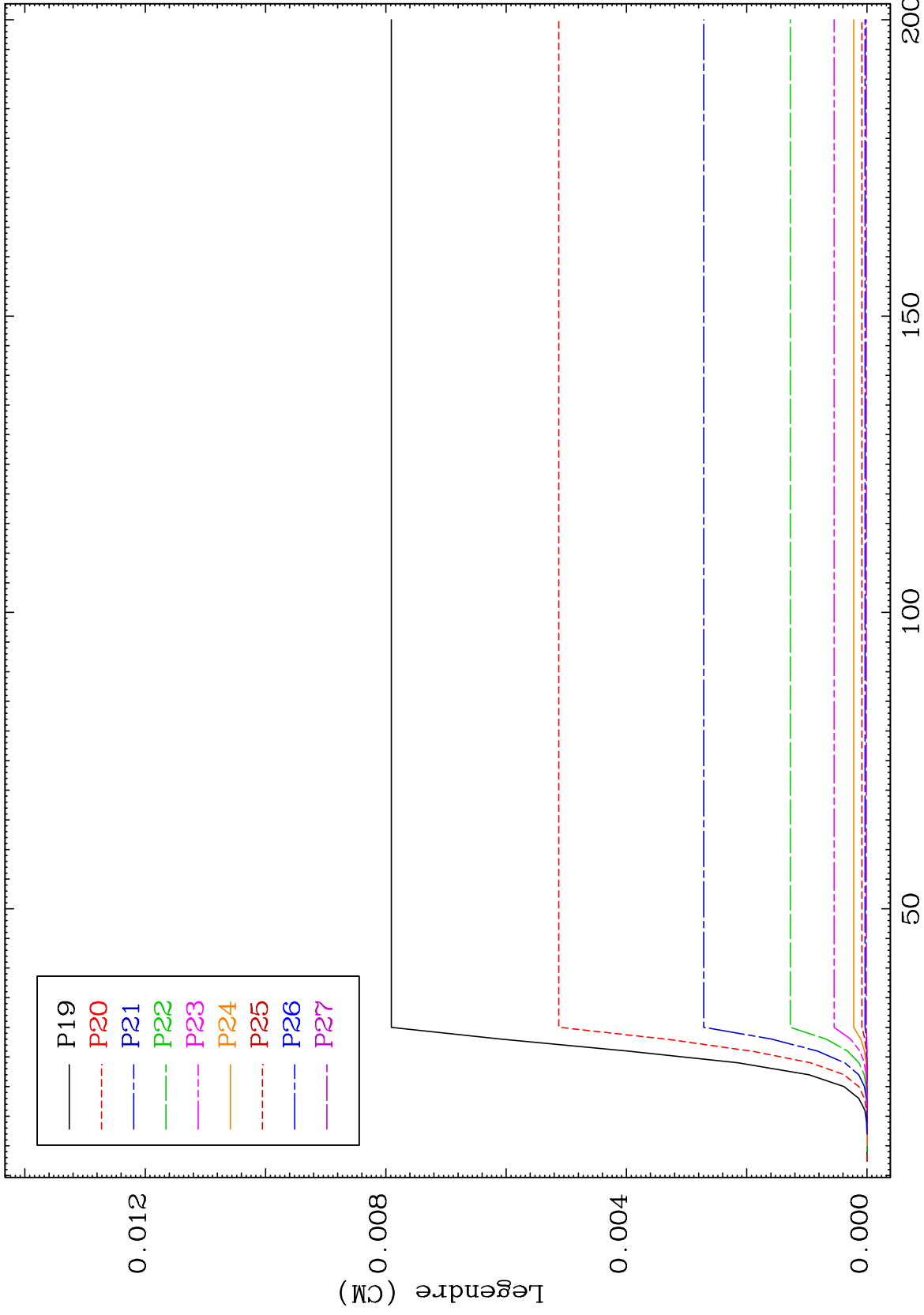
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



75

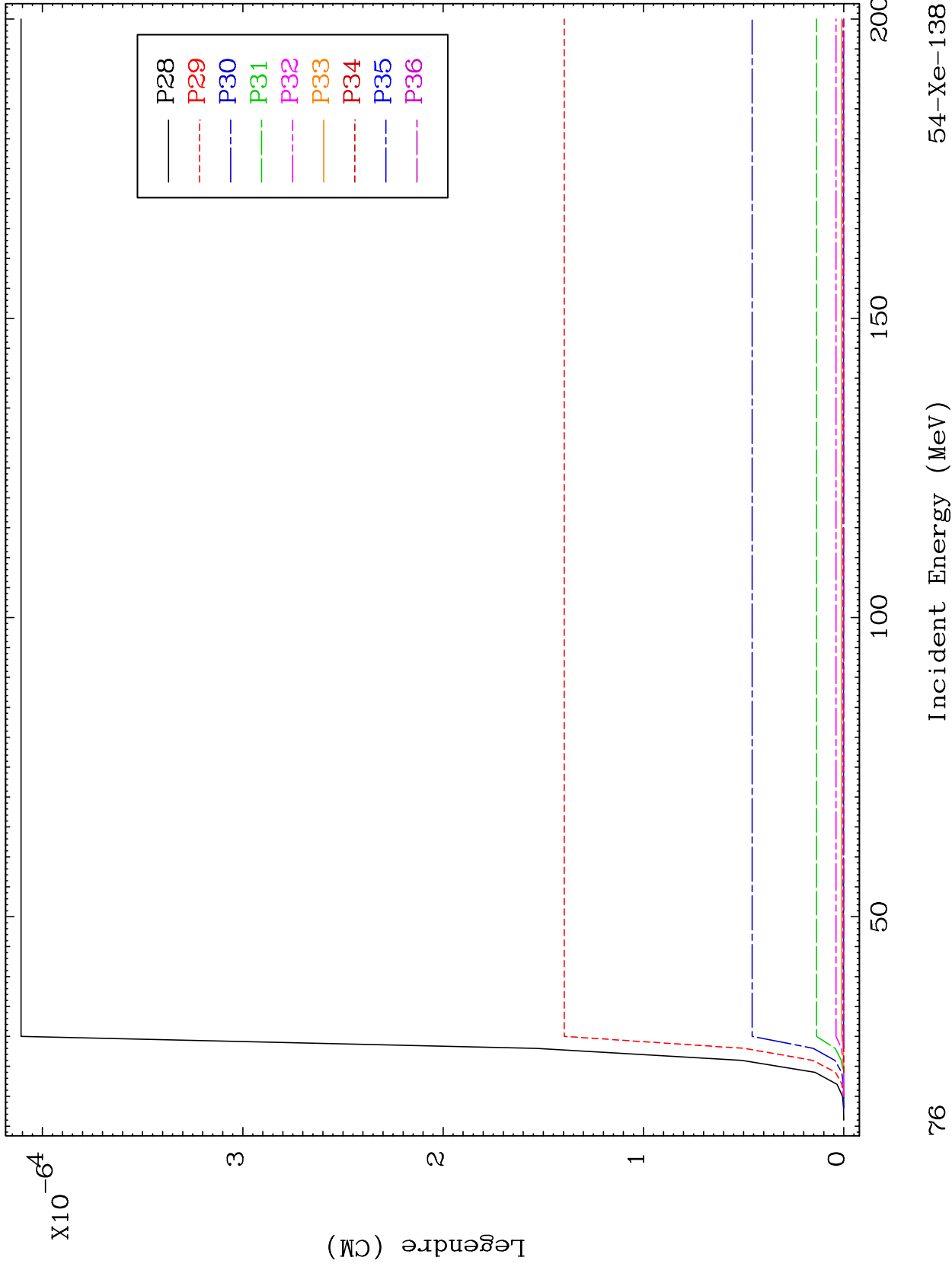
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

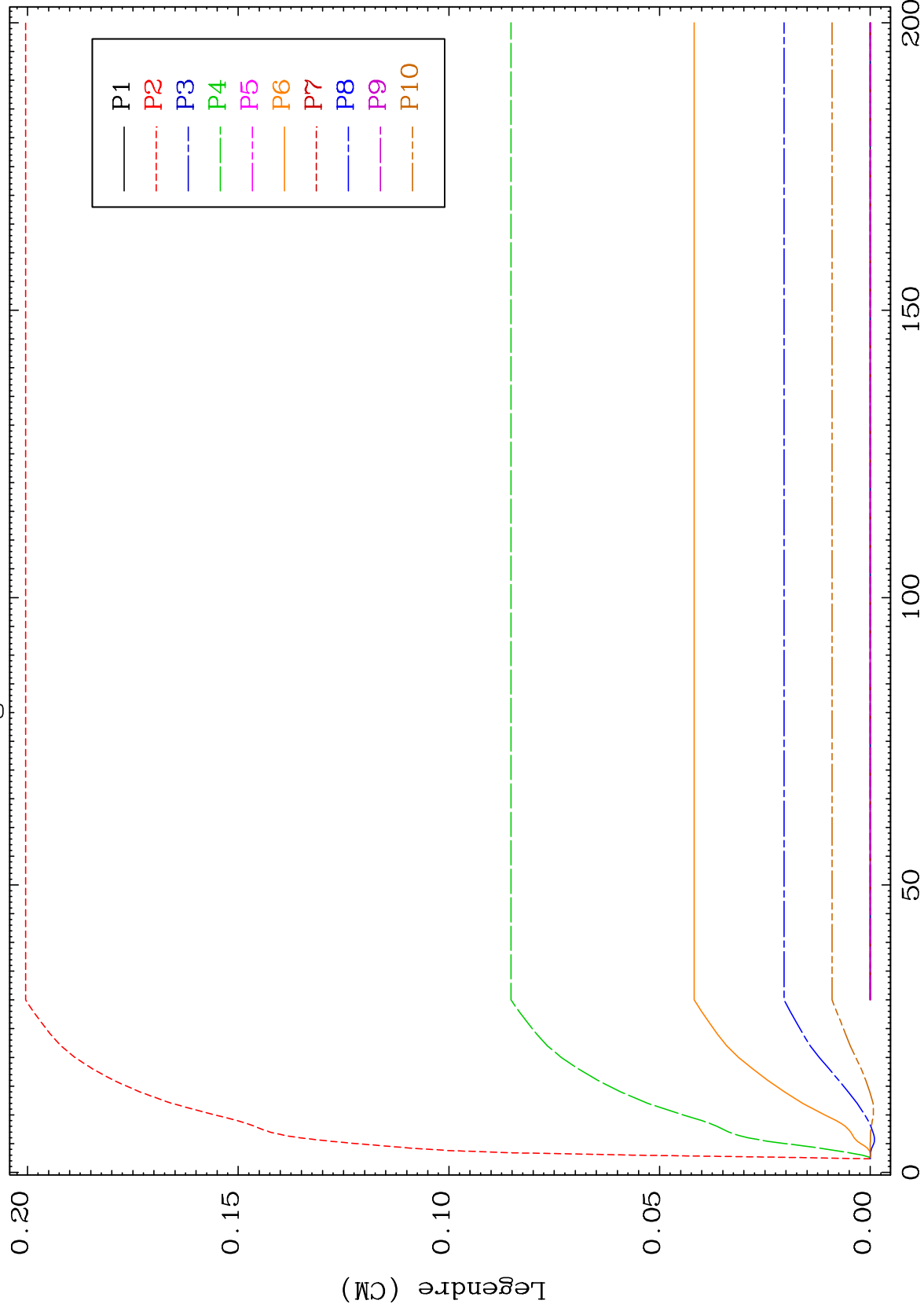
54-Xe-138



MAT 5467

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

54-Xe-138



77

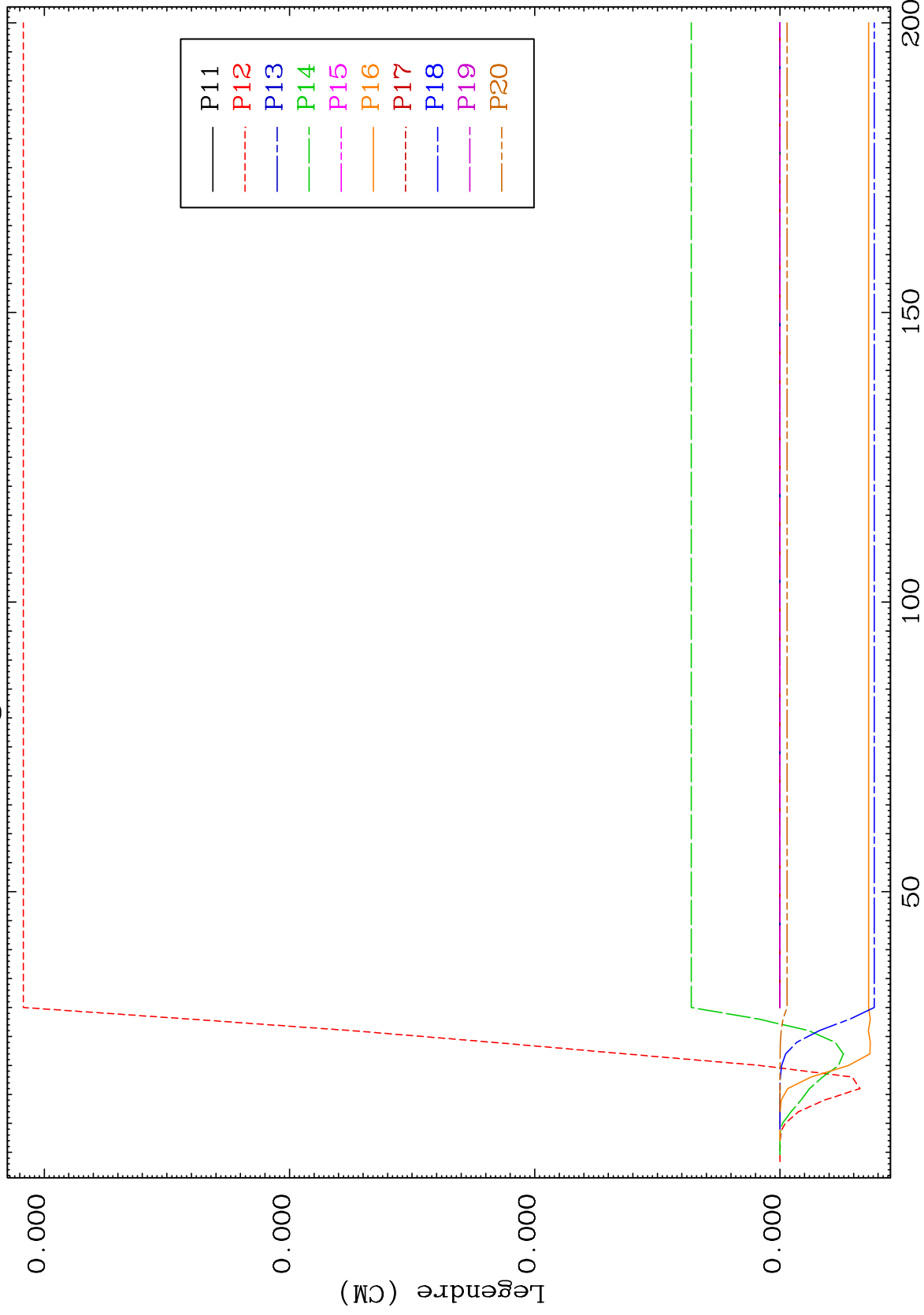
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



78

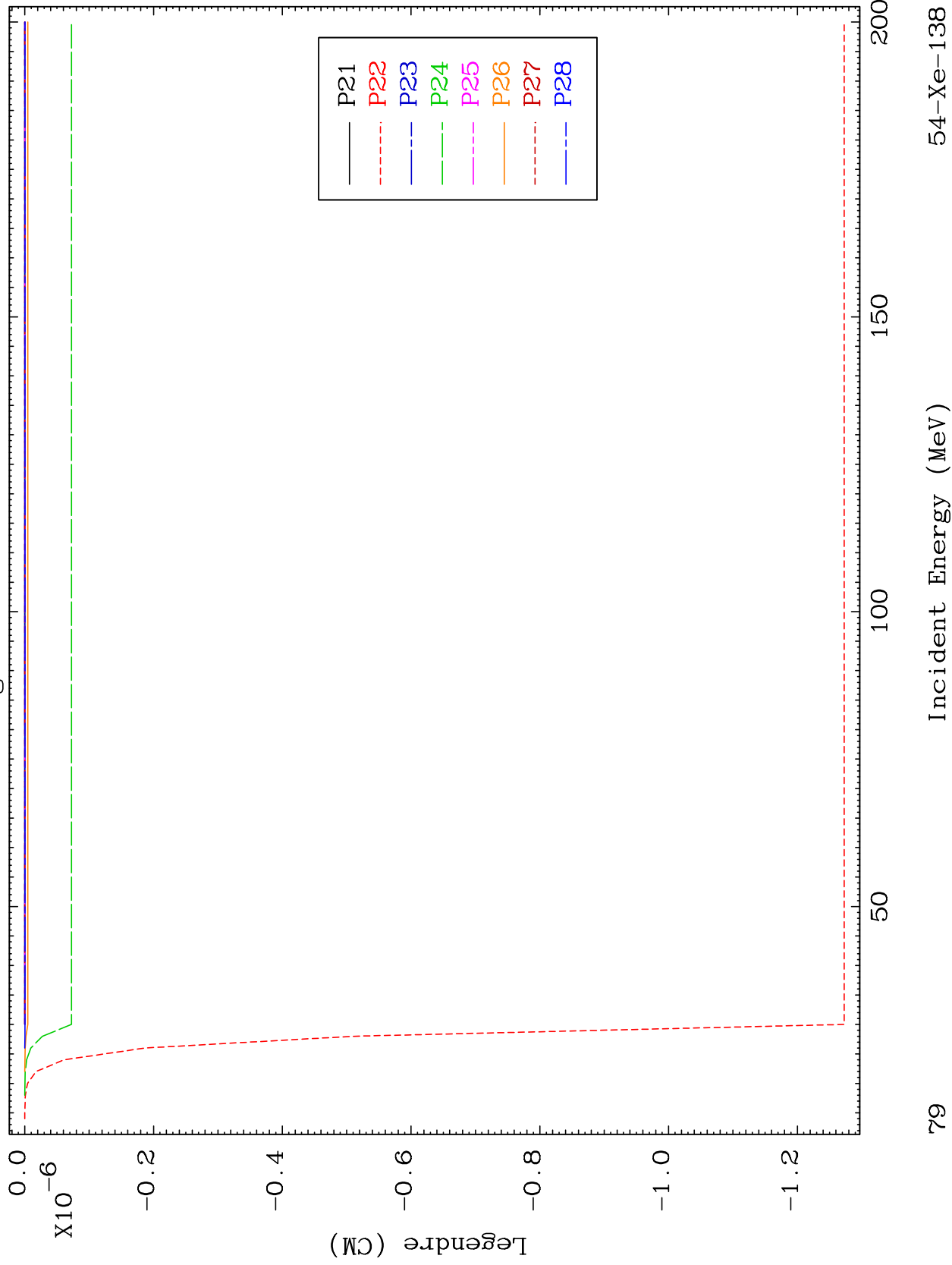
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



79

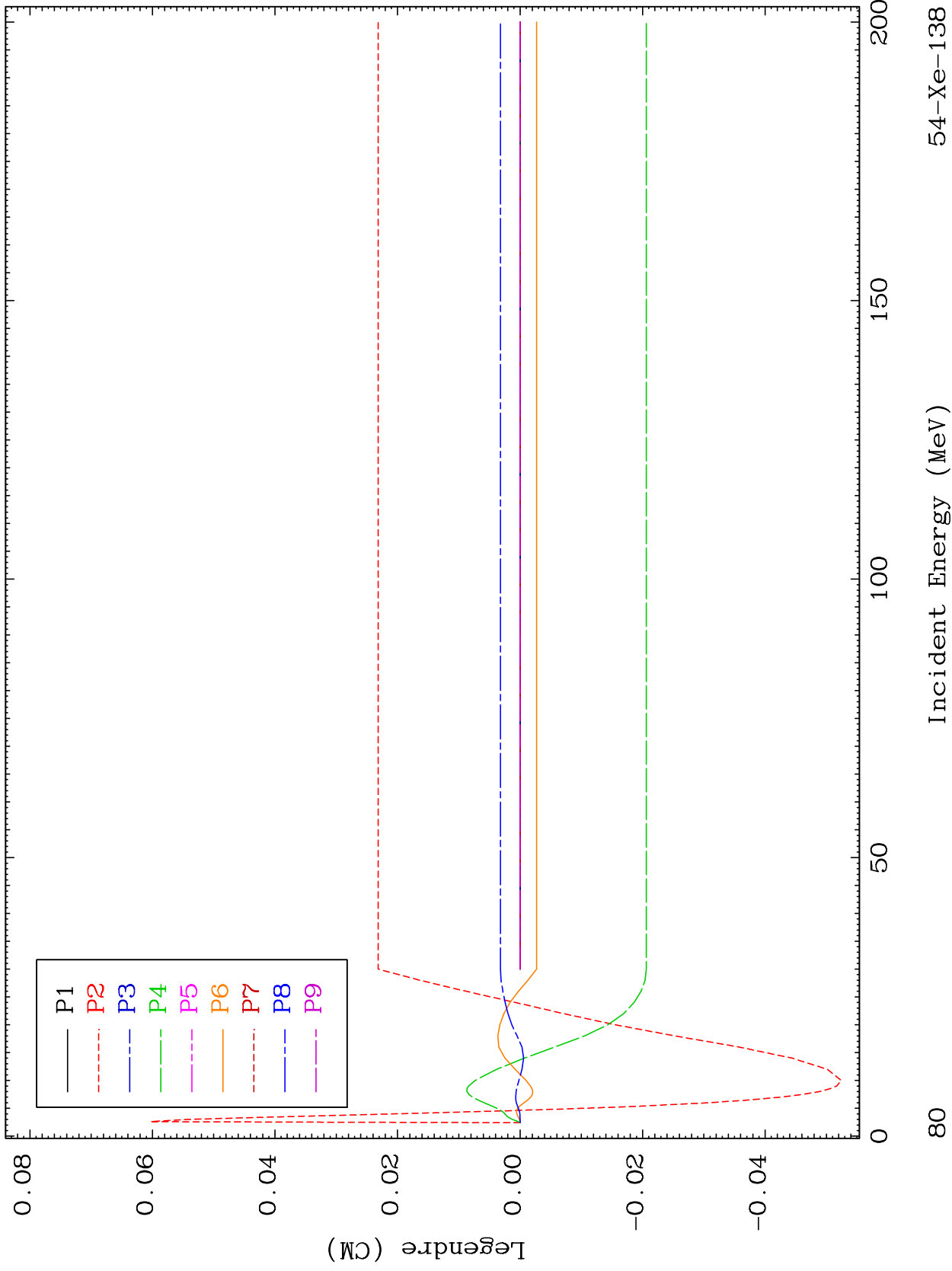
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

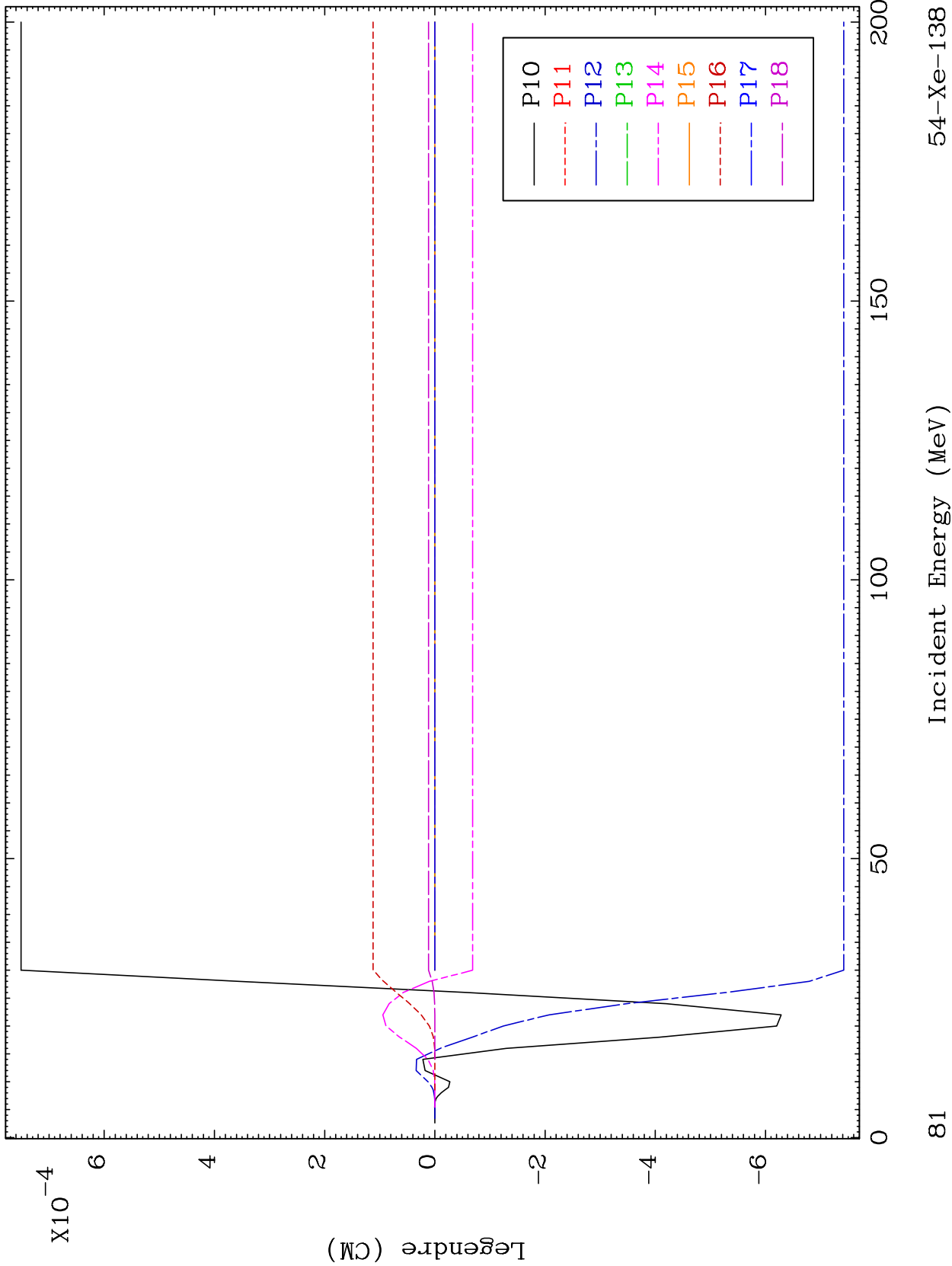
54-Xe-138



MAT 5467

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

54-Xe-138

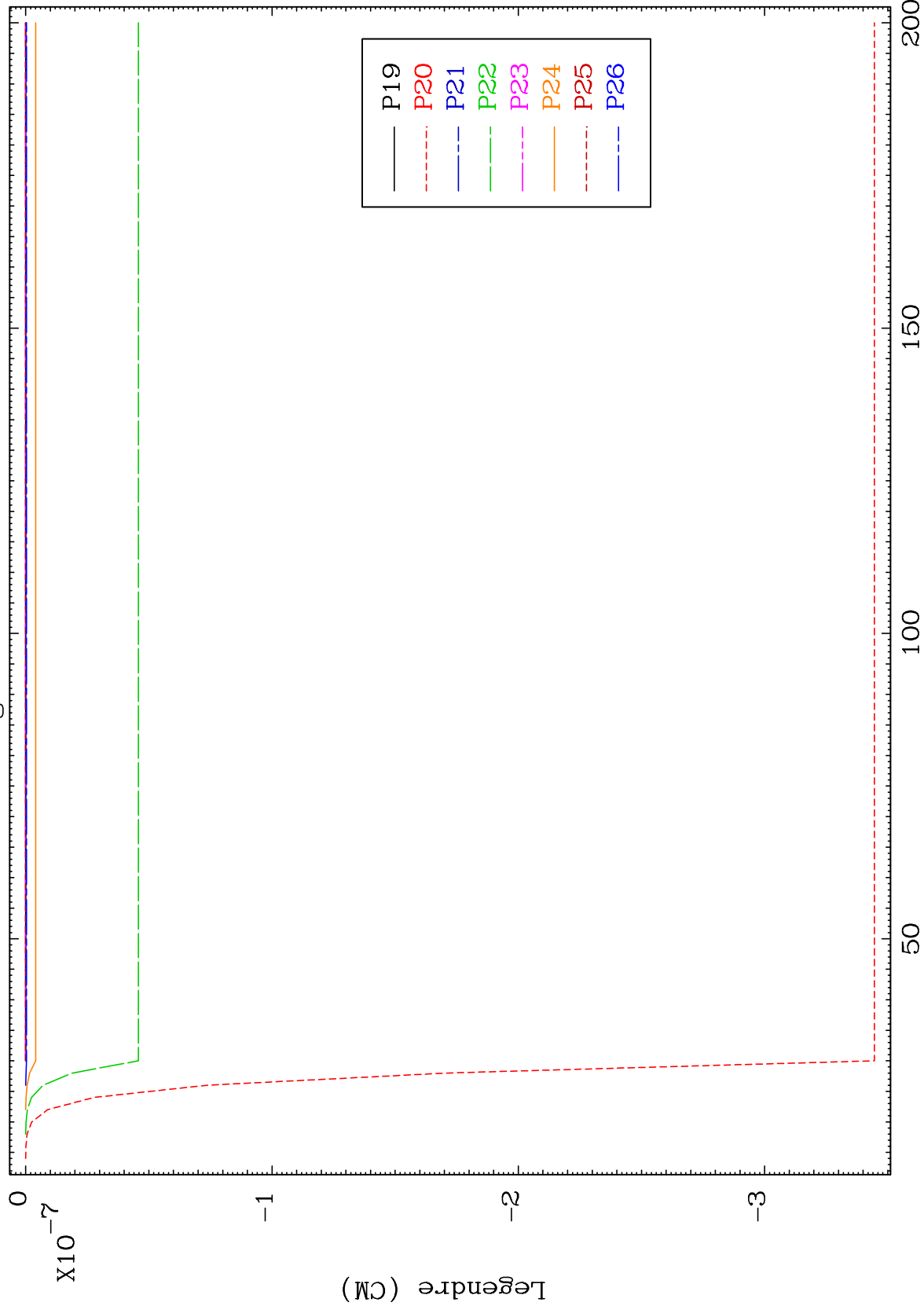


81

MAT 5467

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

54-Xe-138



54-Xe-138

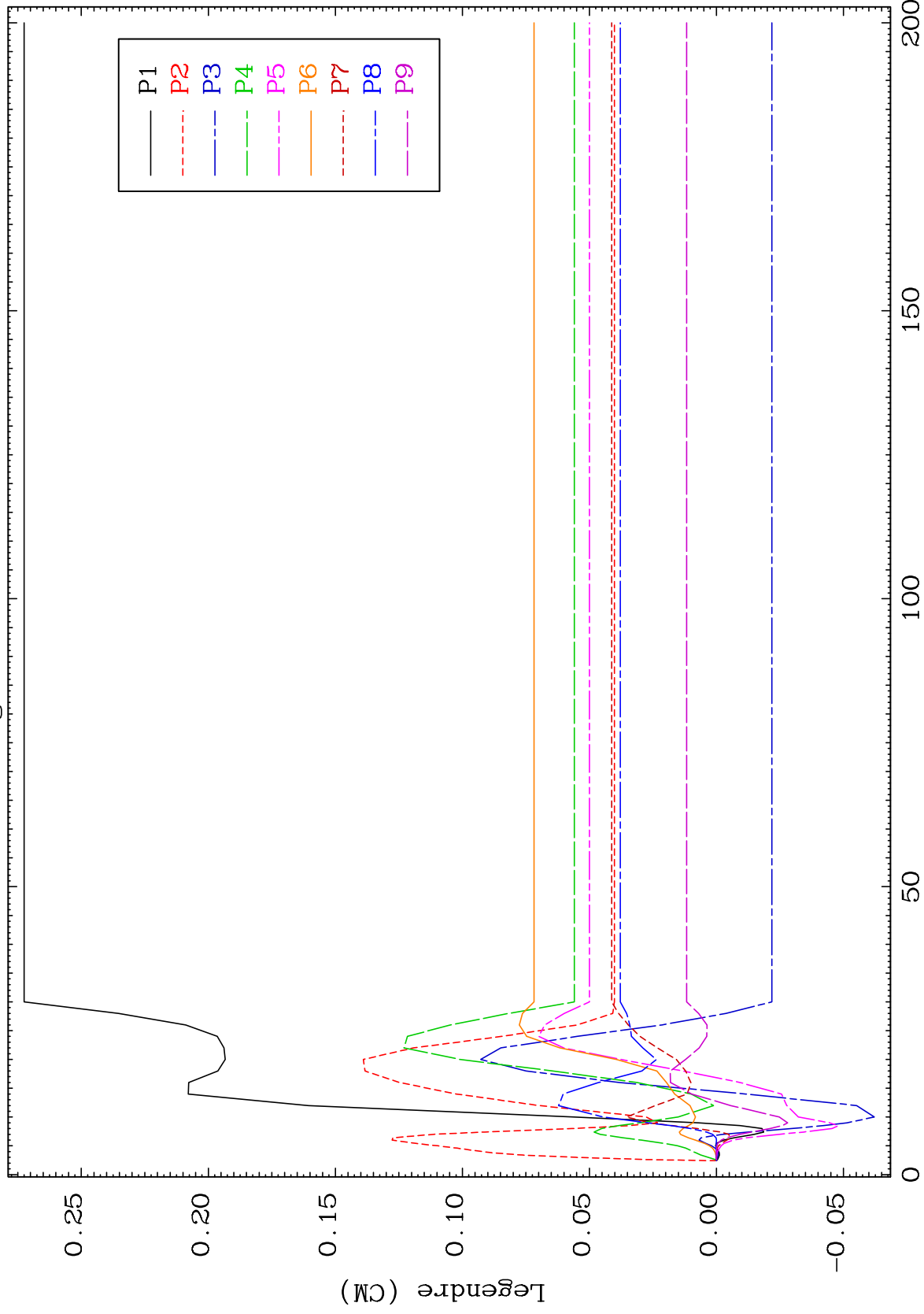
Incident Energy (MeV)

82

MAT 5467

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

54-Xe-138



83

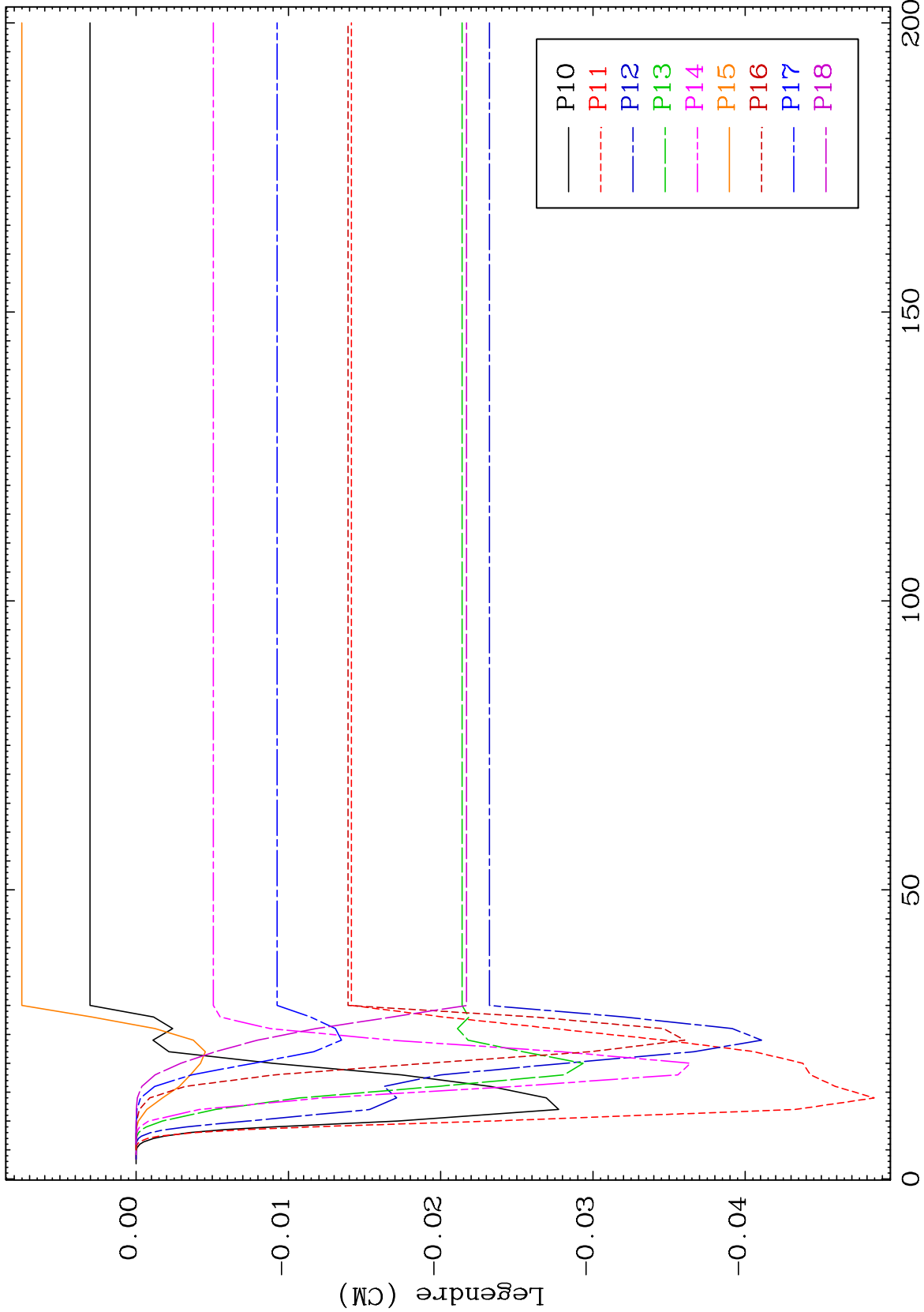
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

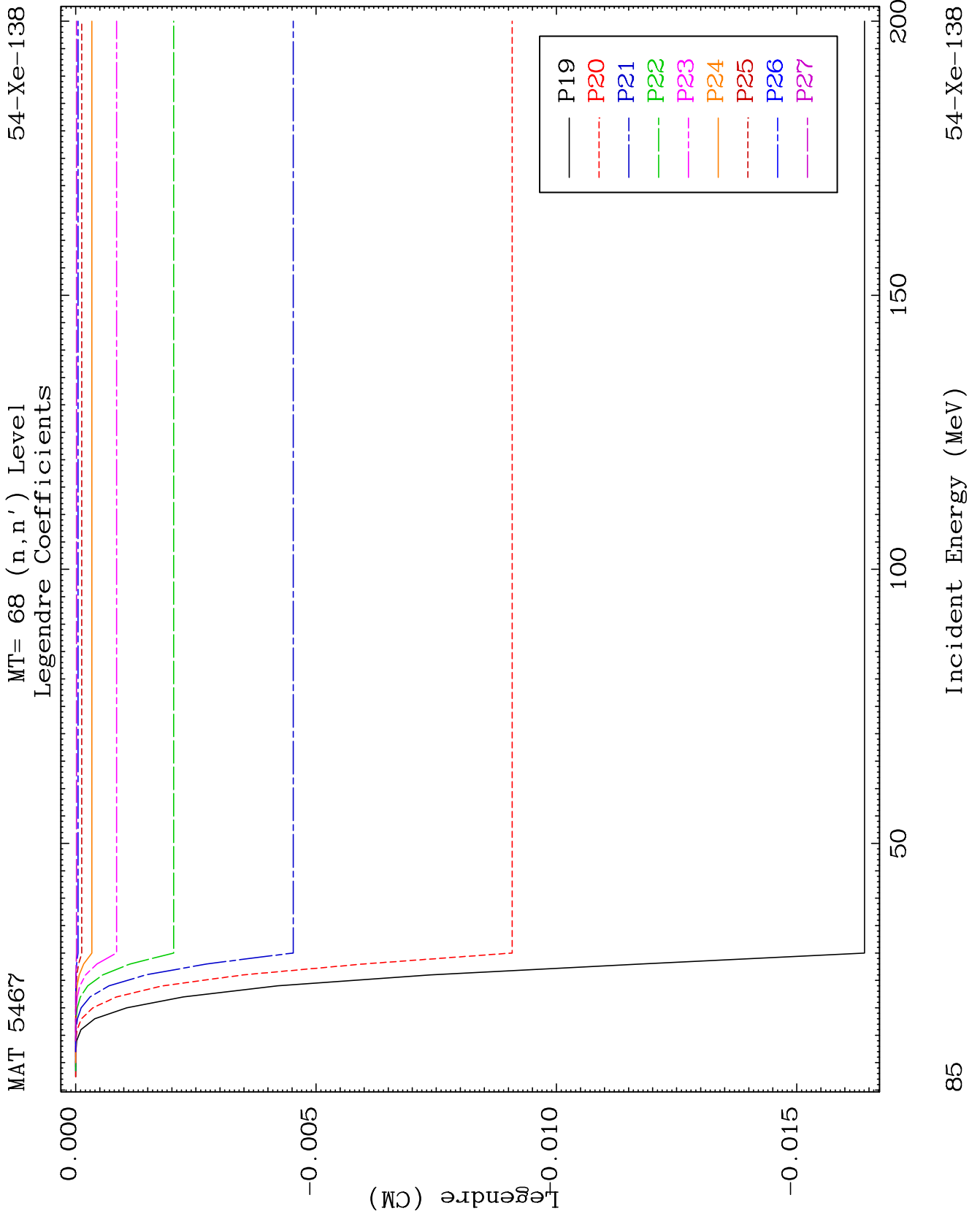
54-Xe-138



84

Incident Energy (MeV)

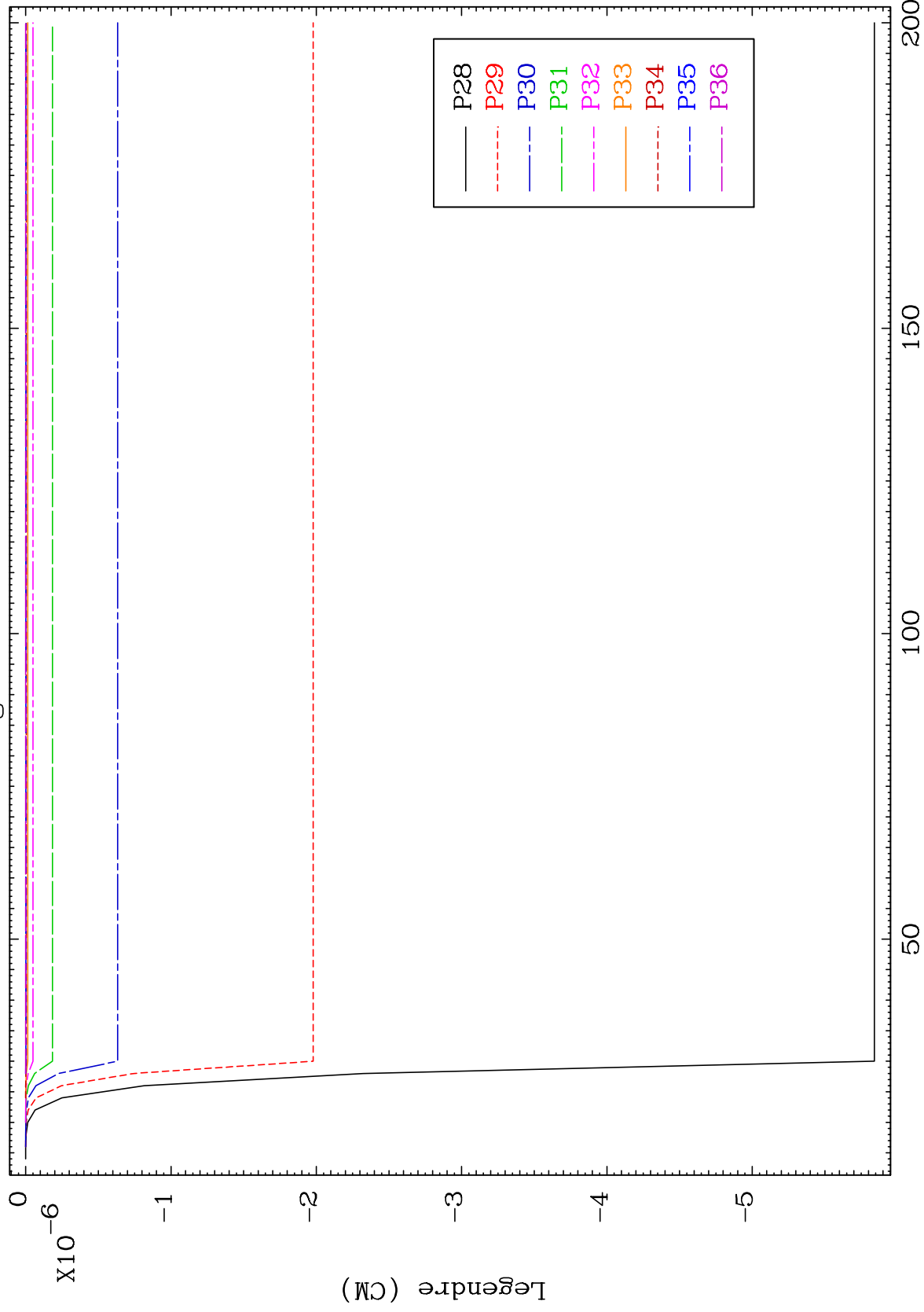
54-Xe-138



MAT 5467

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

54-Xe-138



86

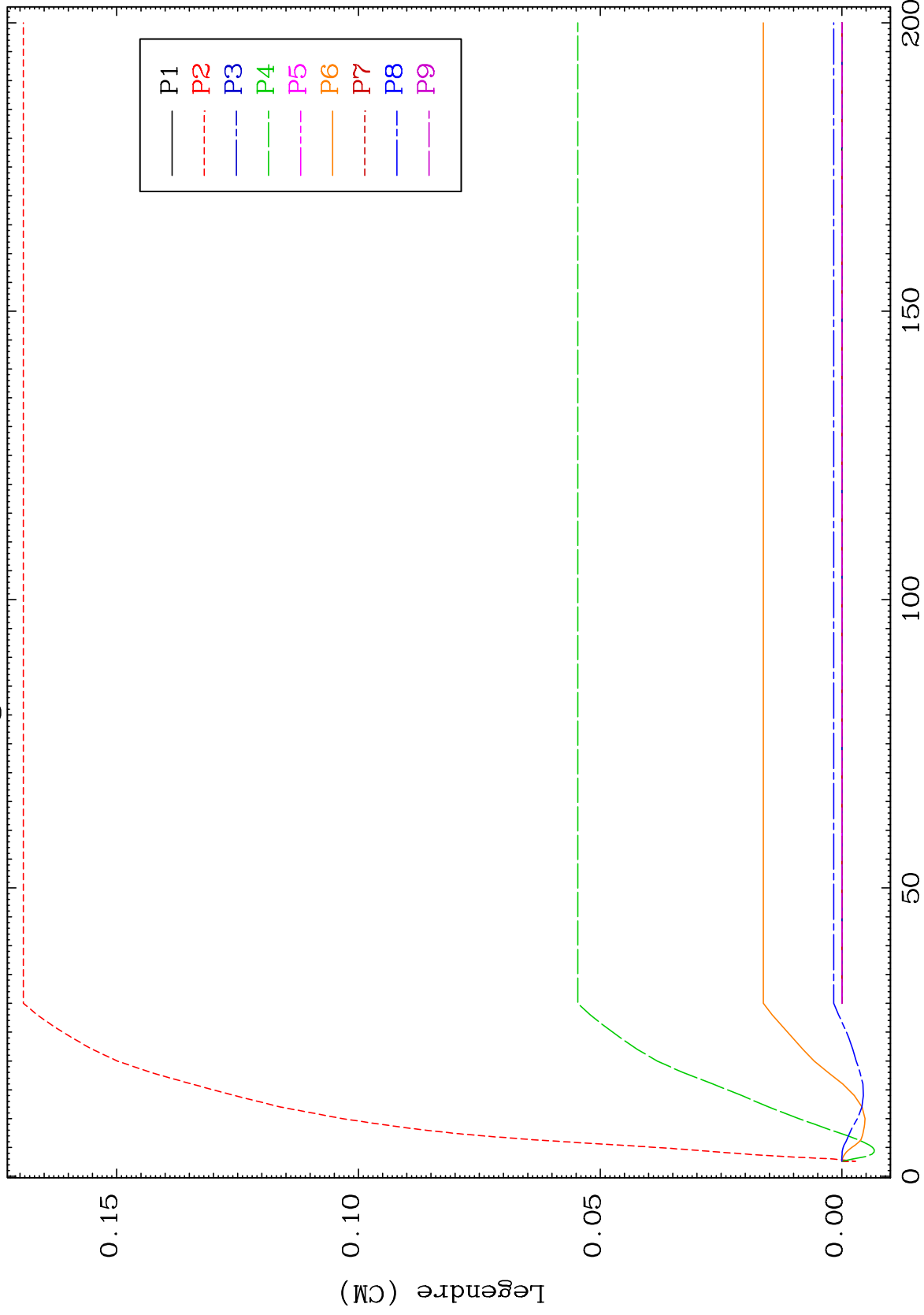
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



87

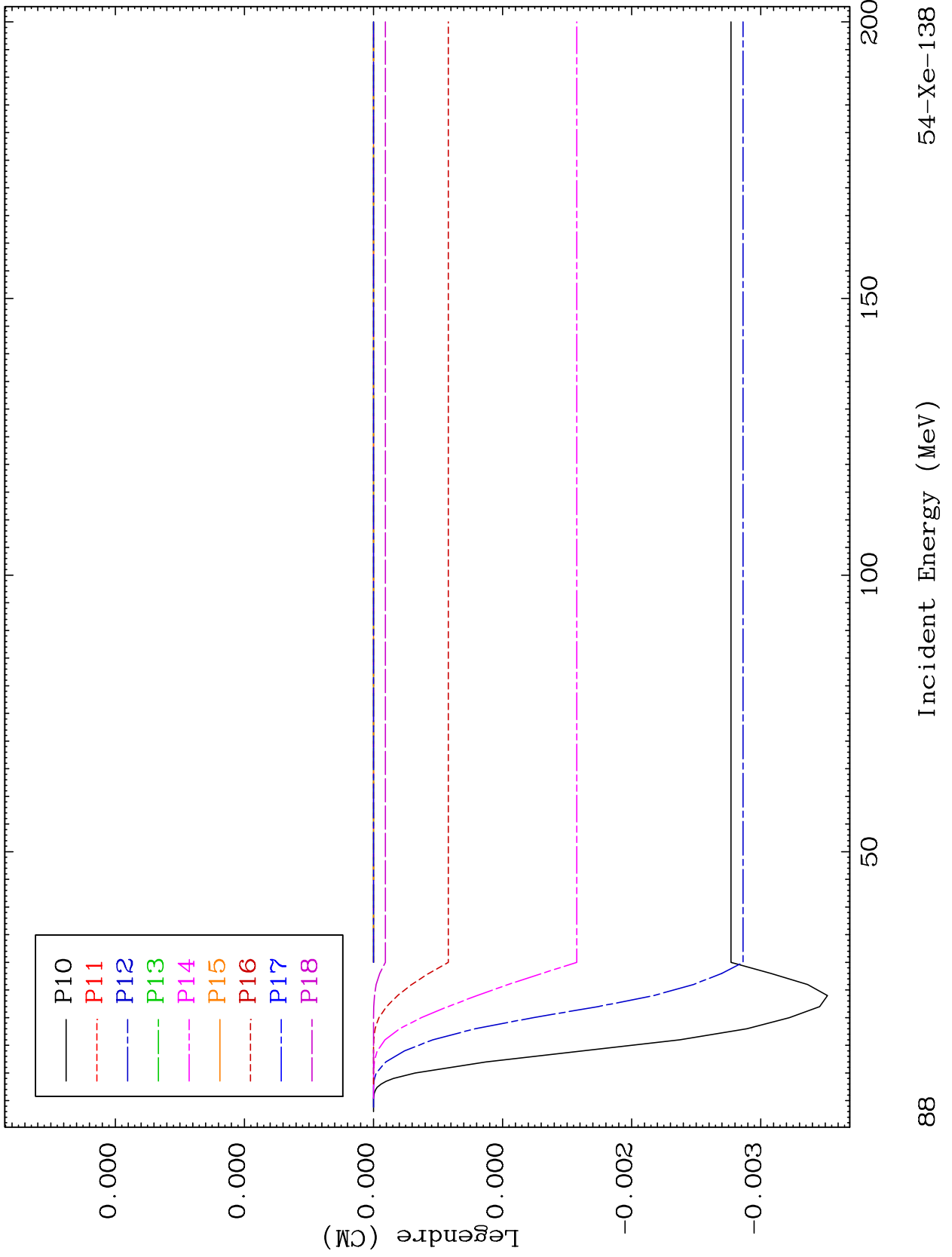
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



88

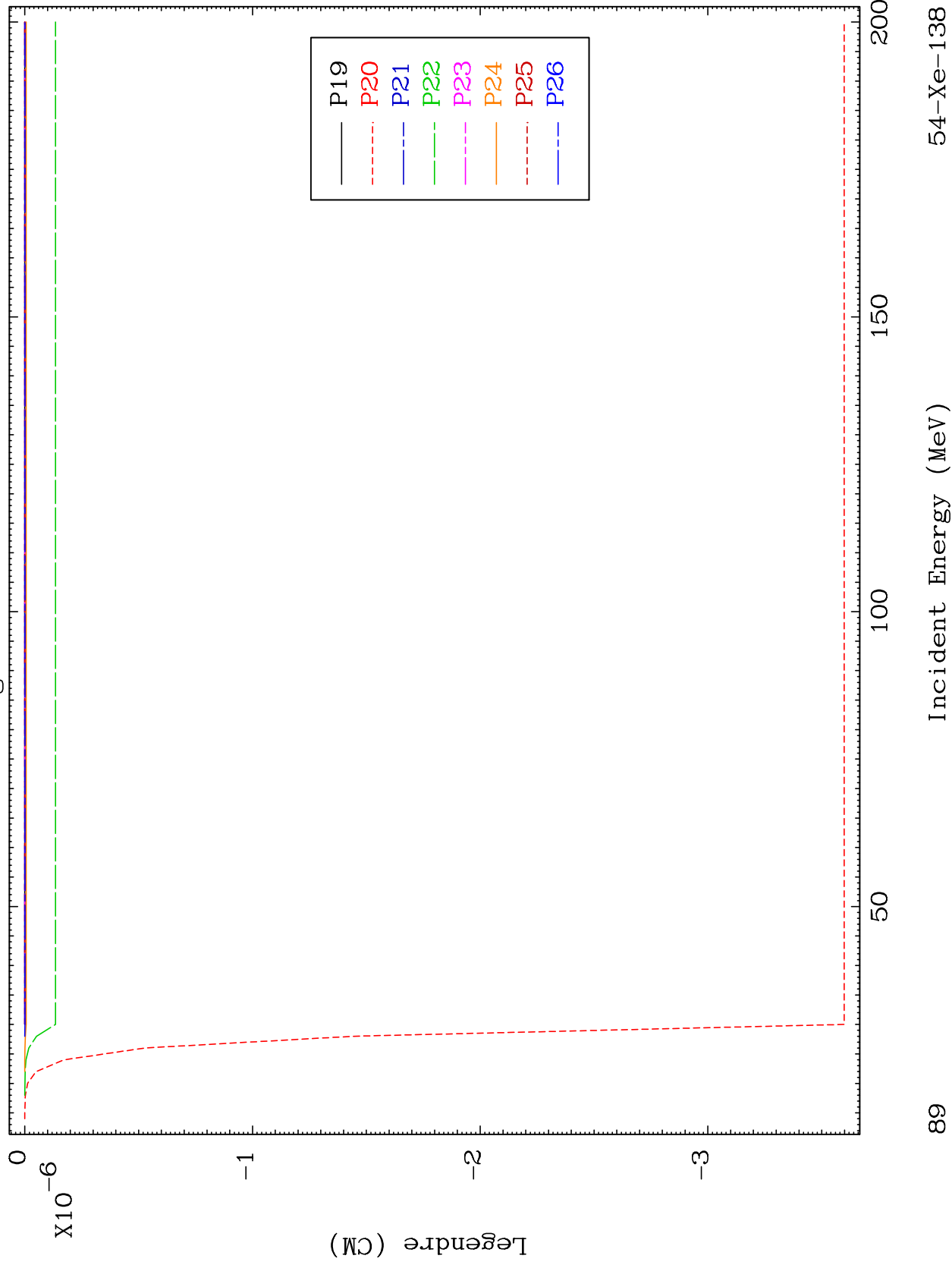
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

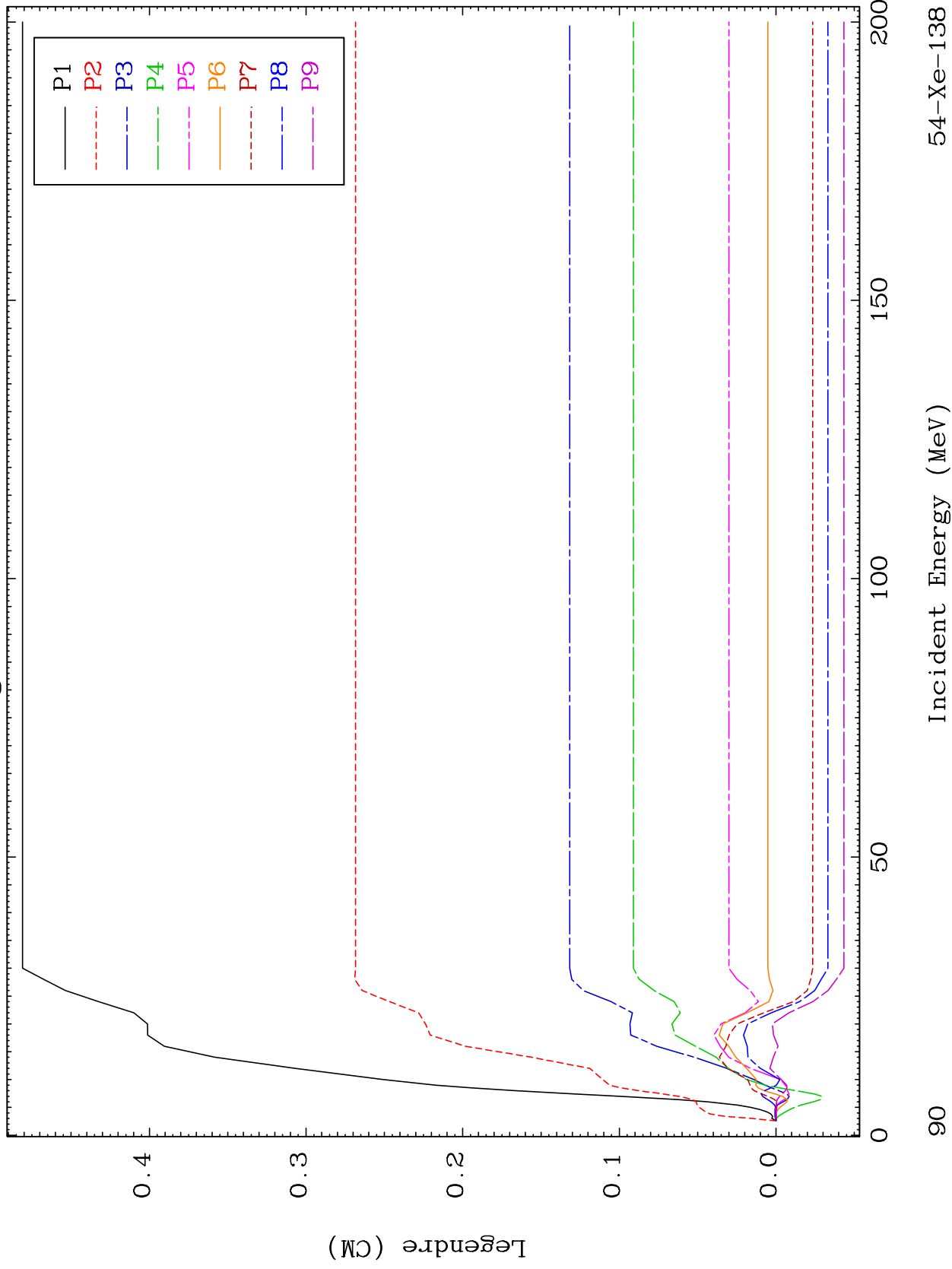
54-Xe-138



MAT 5467

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

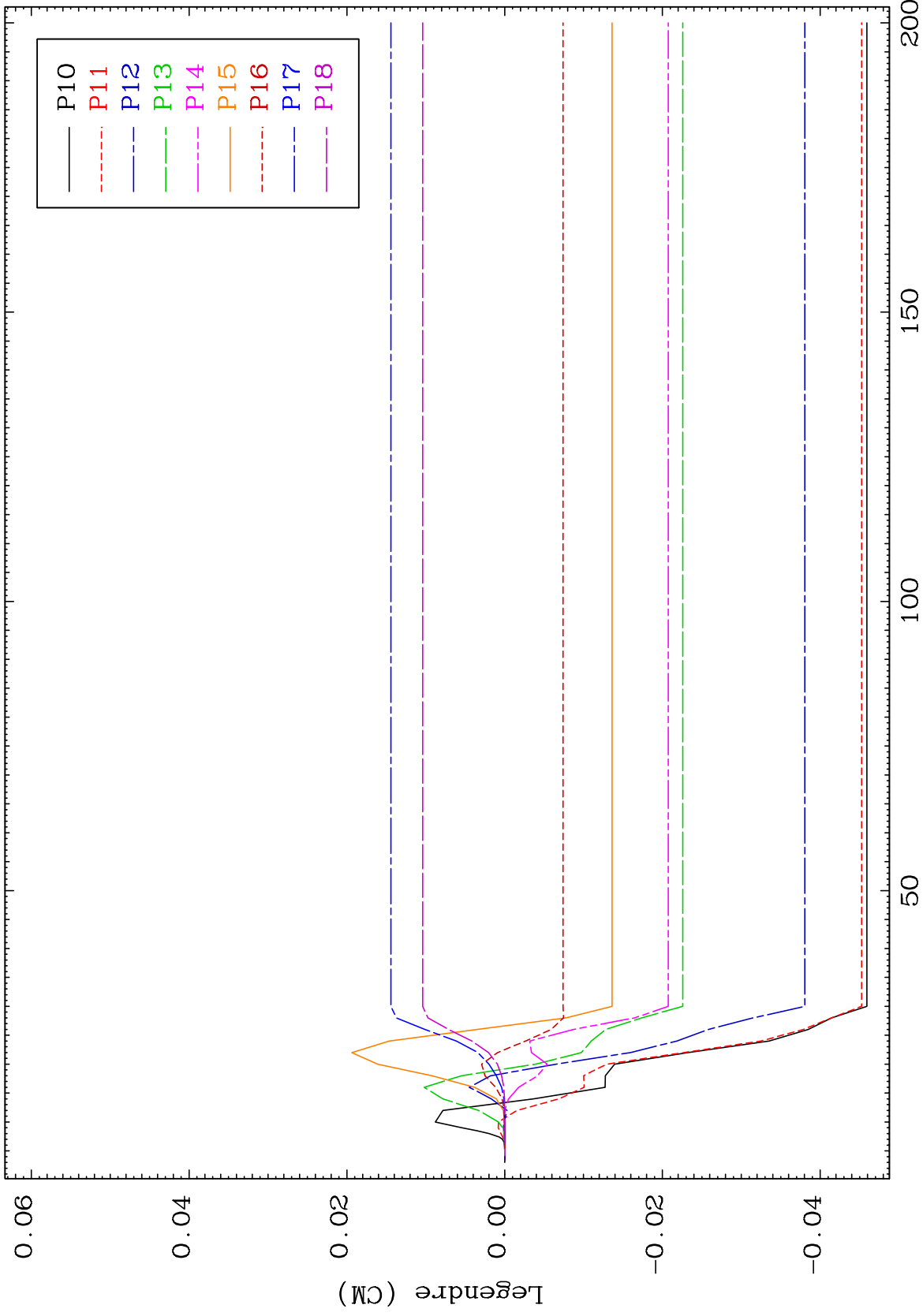
54-Xe-138



MAT 5467

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

54-Xe-138



91

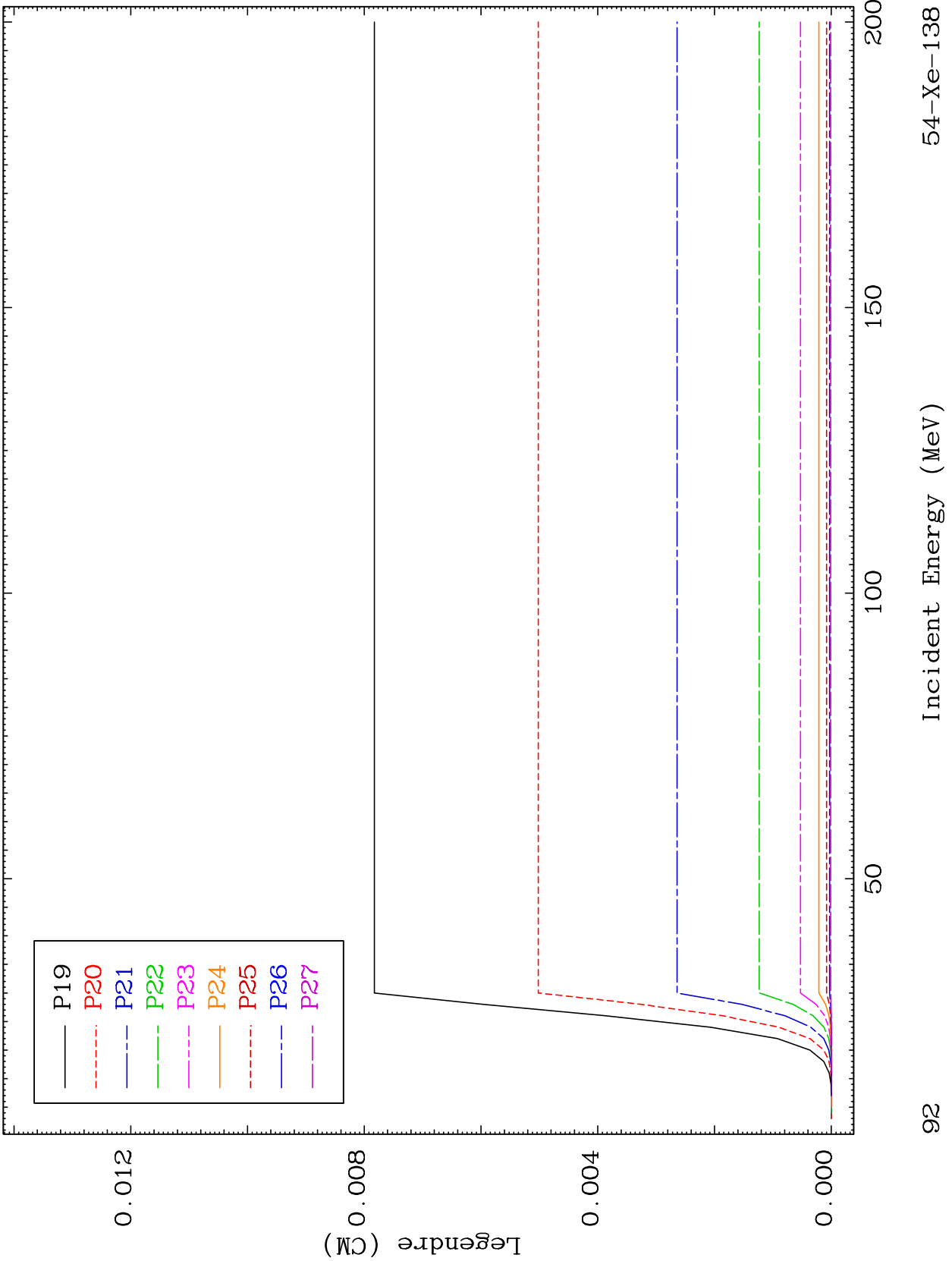
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



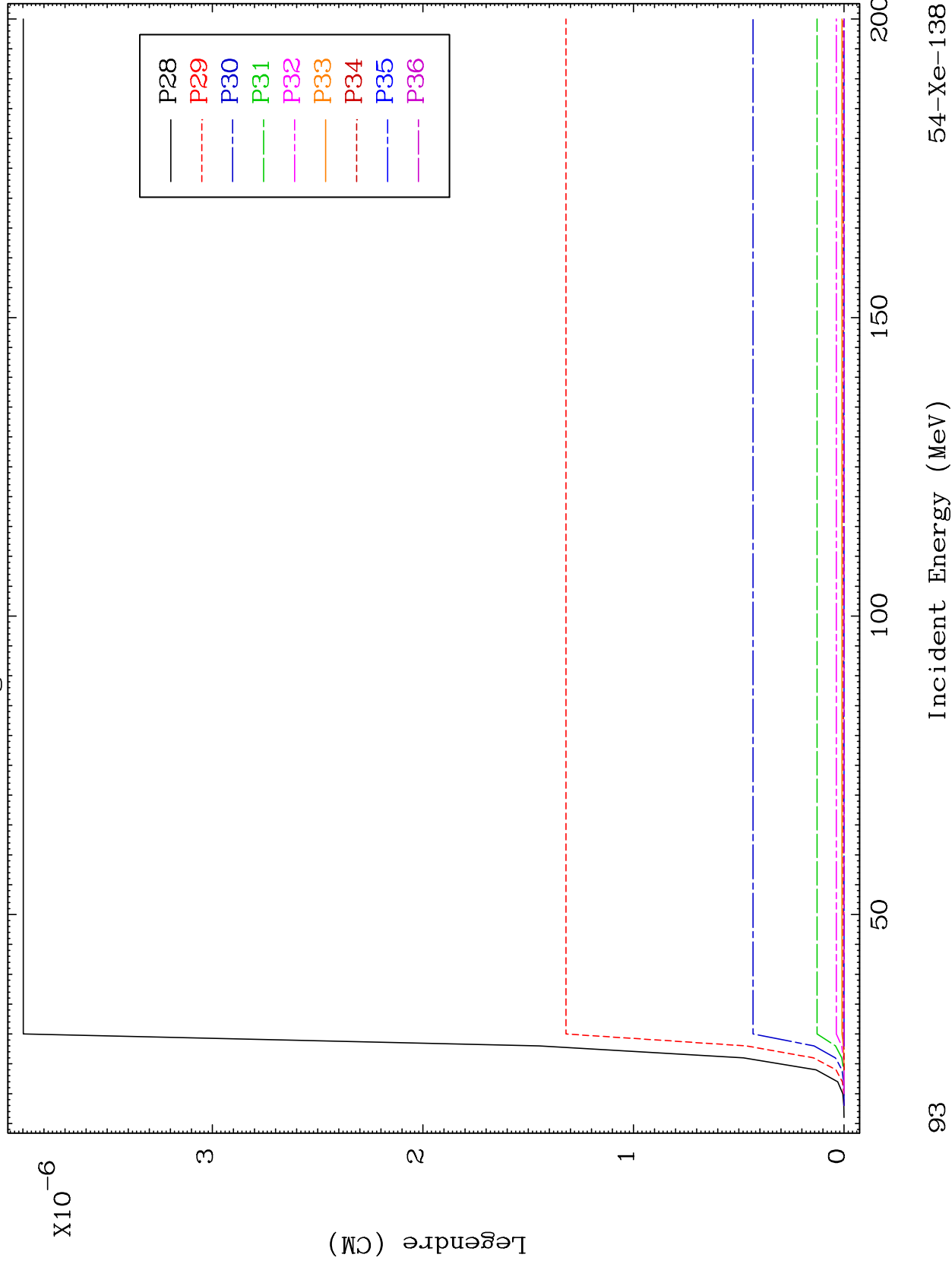
92

54-Xe-138

MAT 5467

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

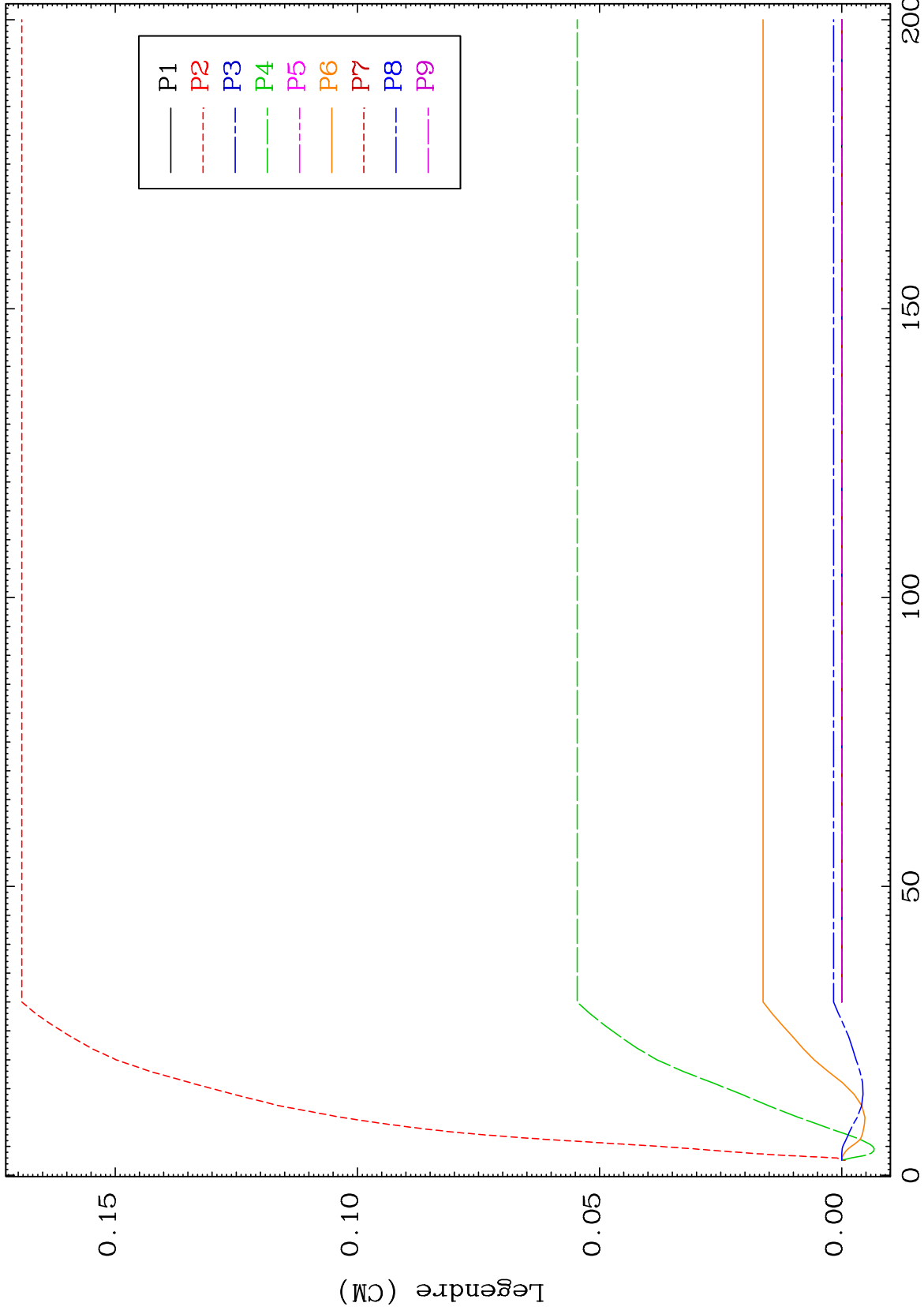
54-Xe-138



MAT 5467

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

54-Xe-138



94

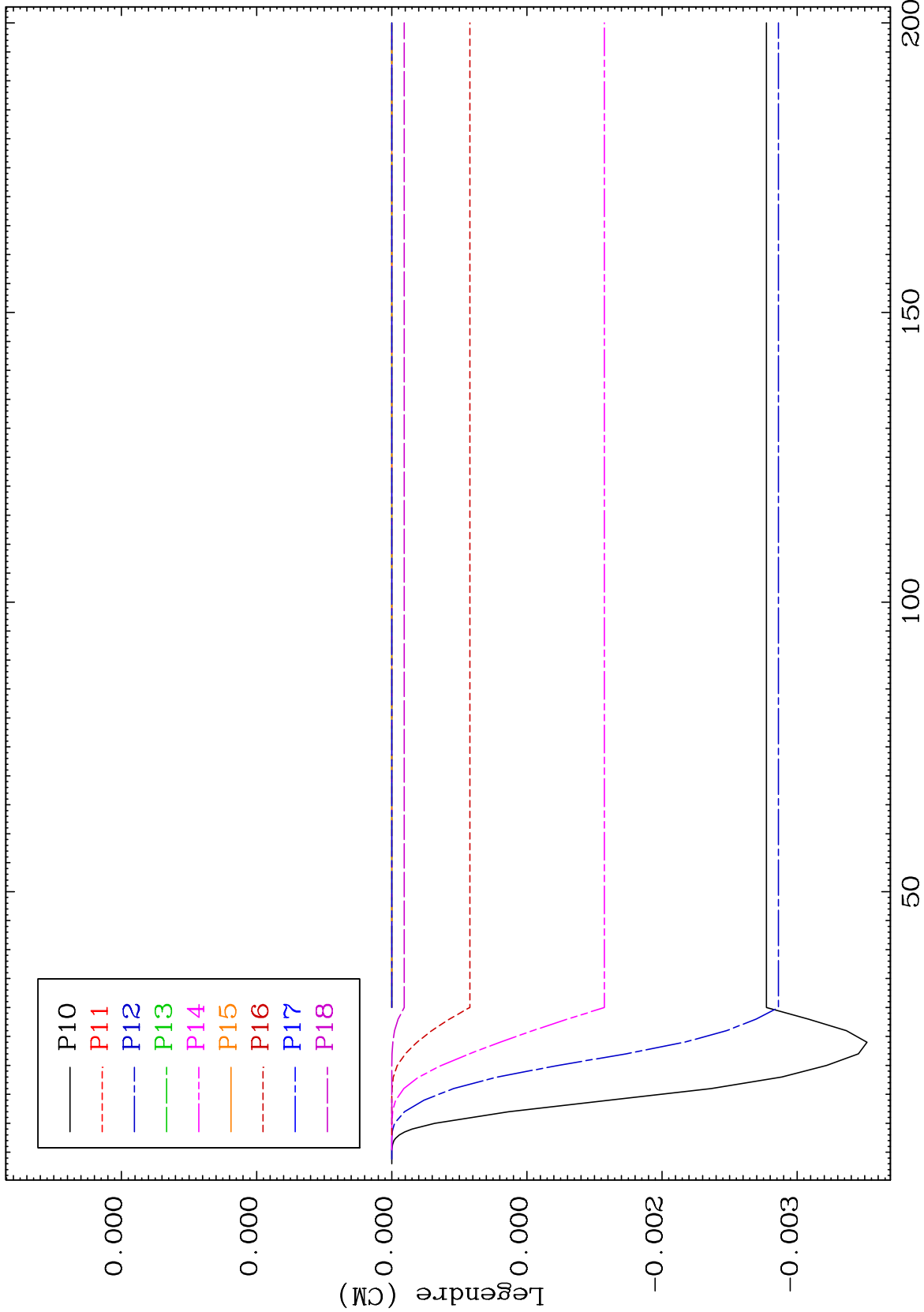
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

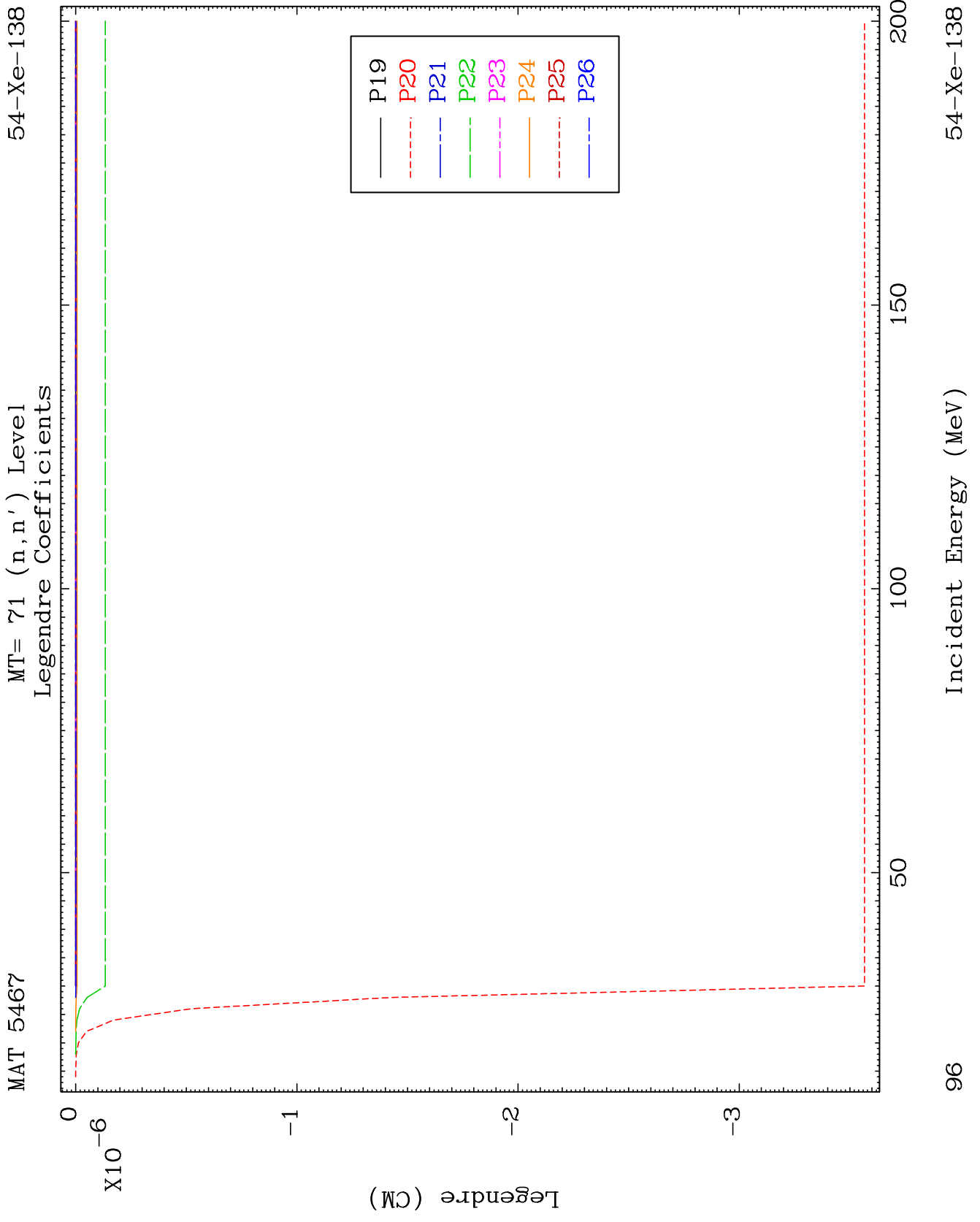
54-Xe-138



95

Incident Energy (MeV)

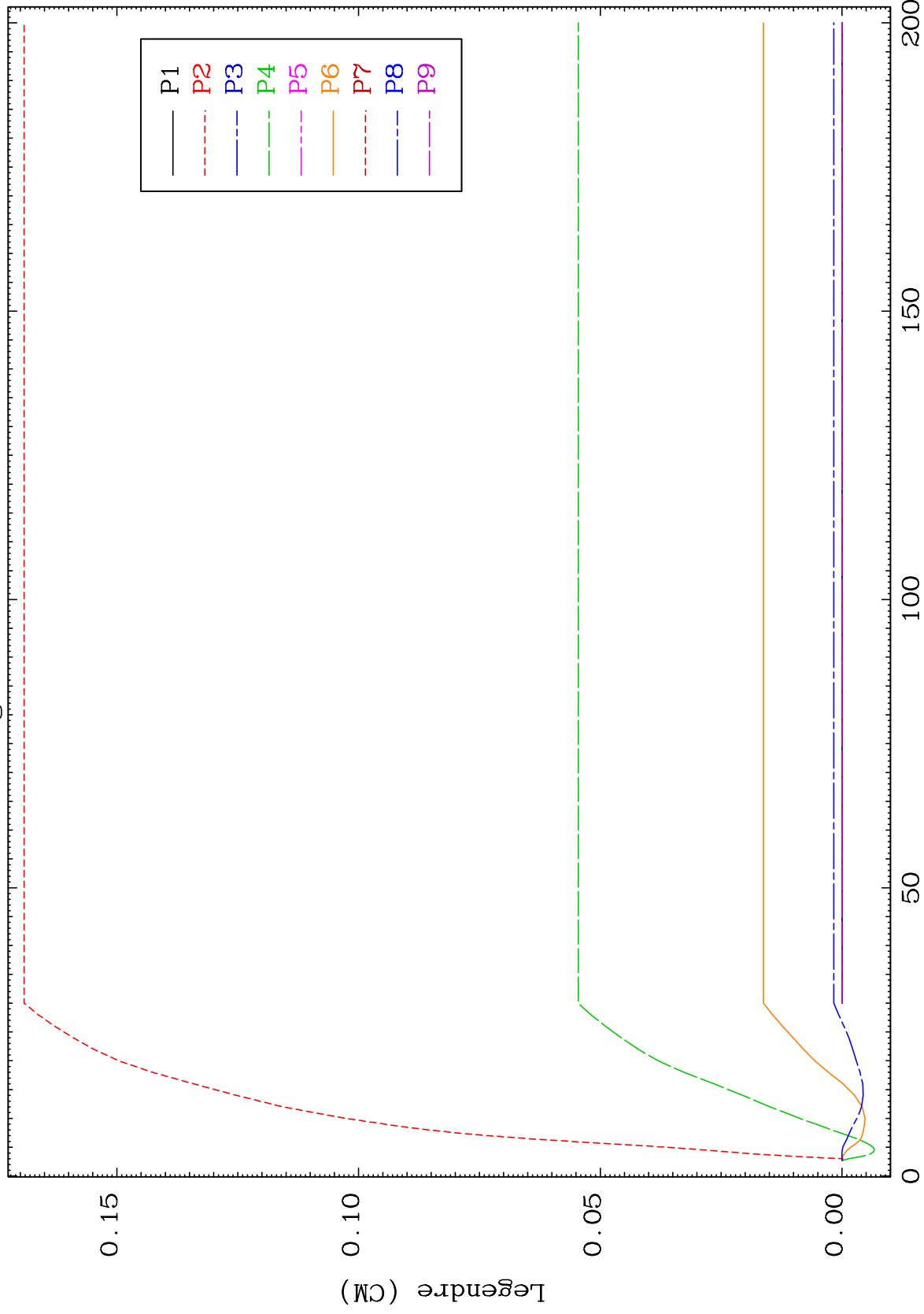
54-Xe-138



MAT 5467

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

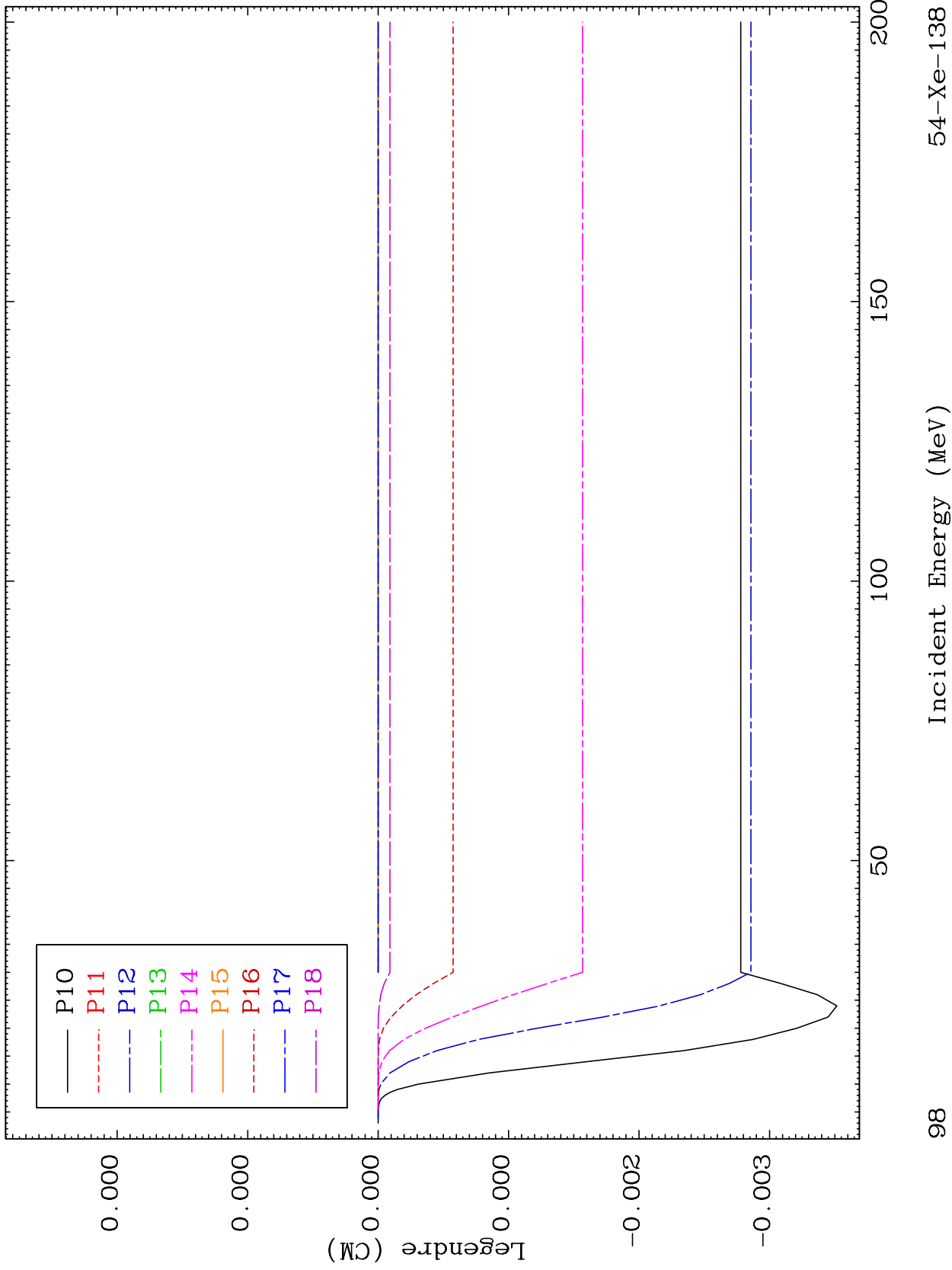
54-Xe-138



97

Incident Energy (MeV)

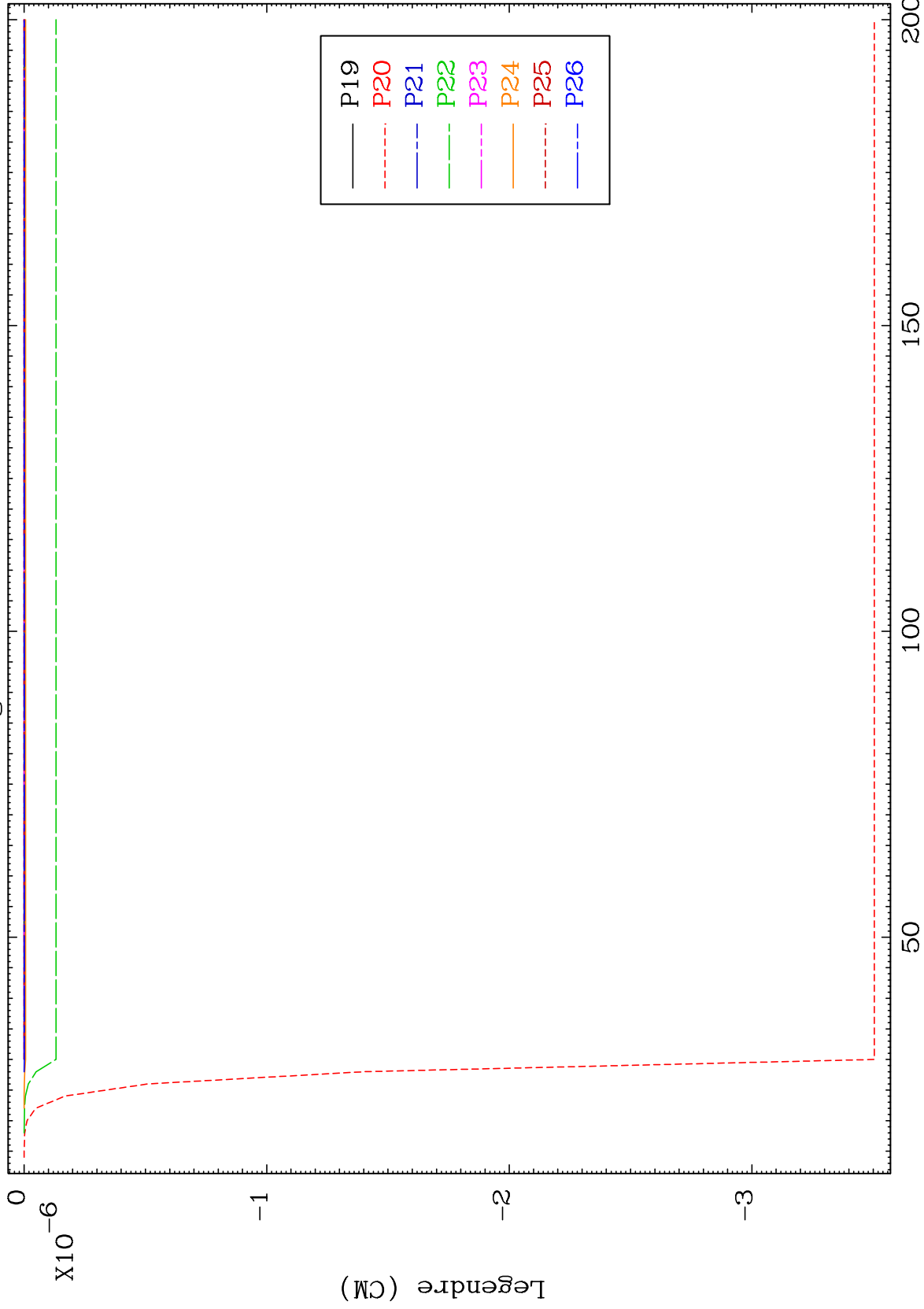
54-Xe-138



MAT 5467

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

54-Xe-138



99

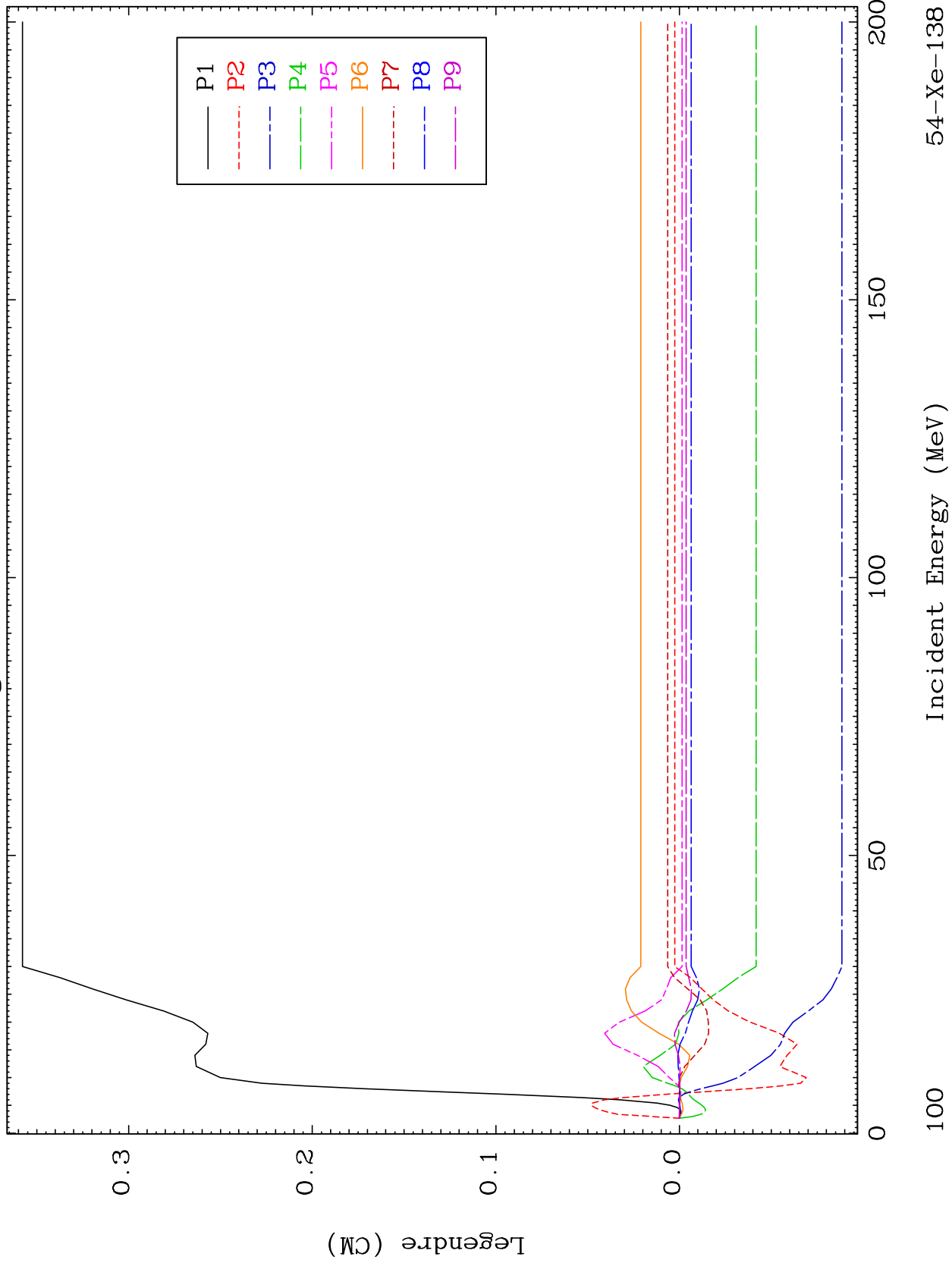
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

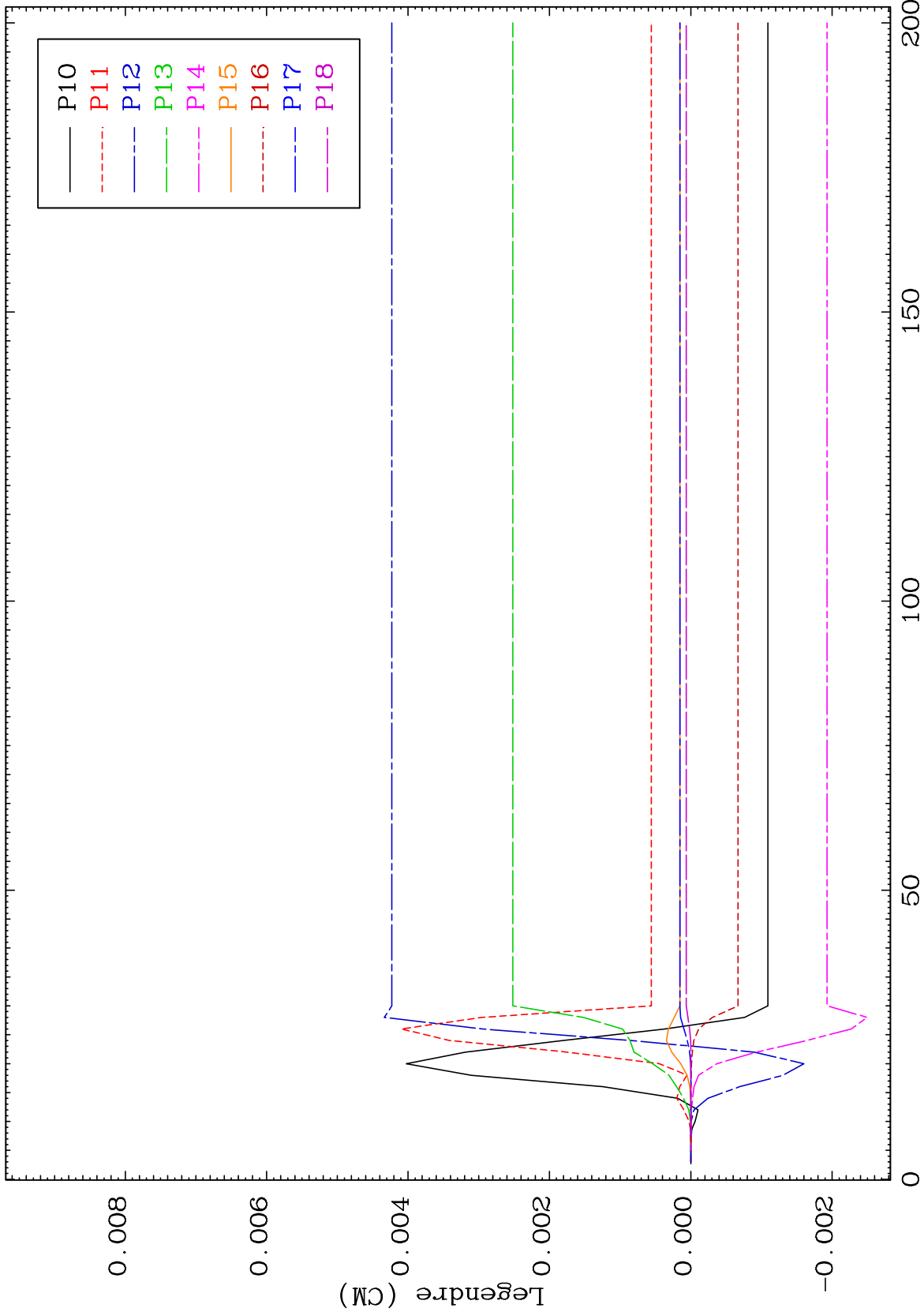
Incident Energy (MeV)

100

MAT 5467

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

54-Xe-138



101

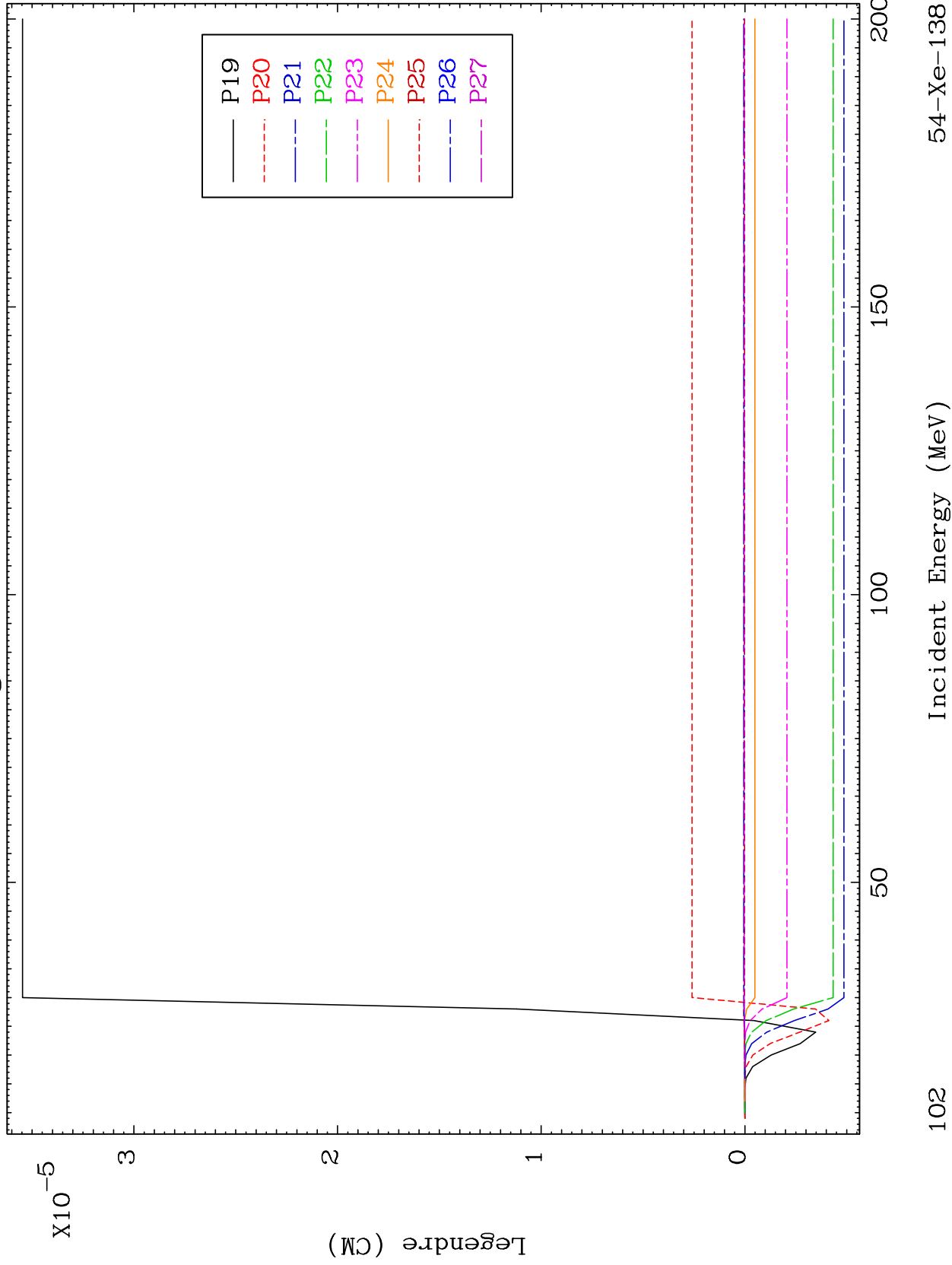
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

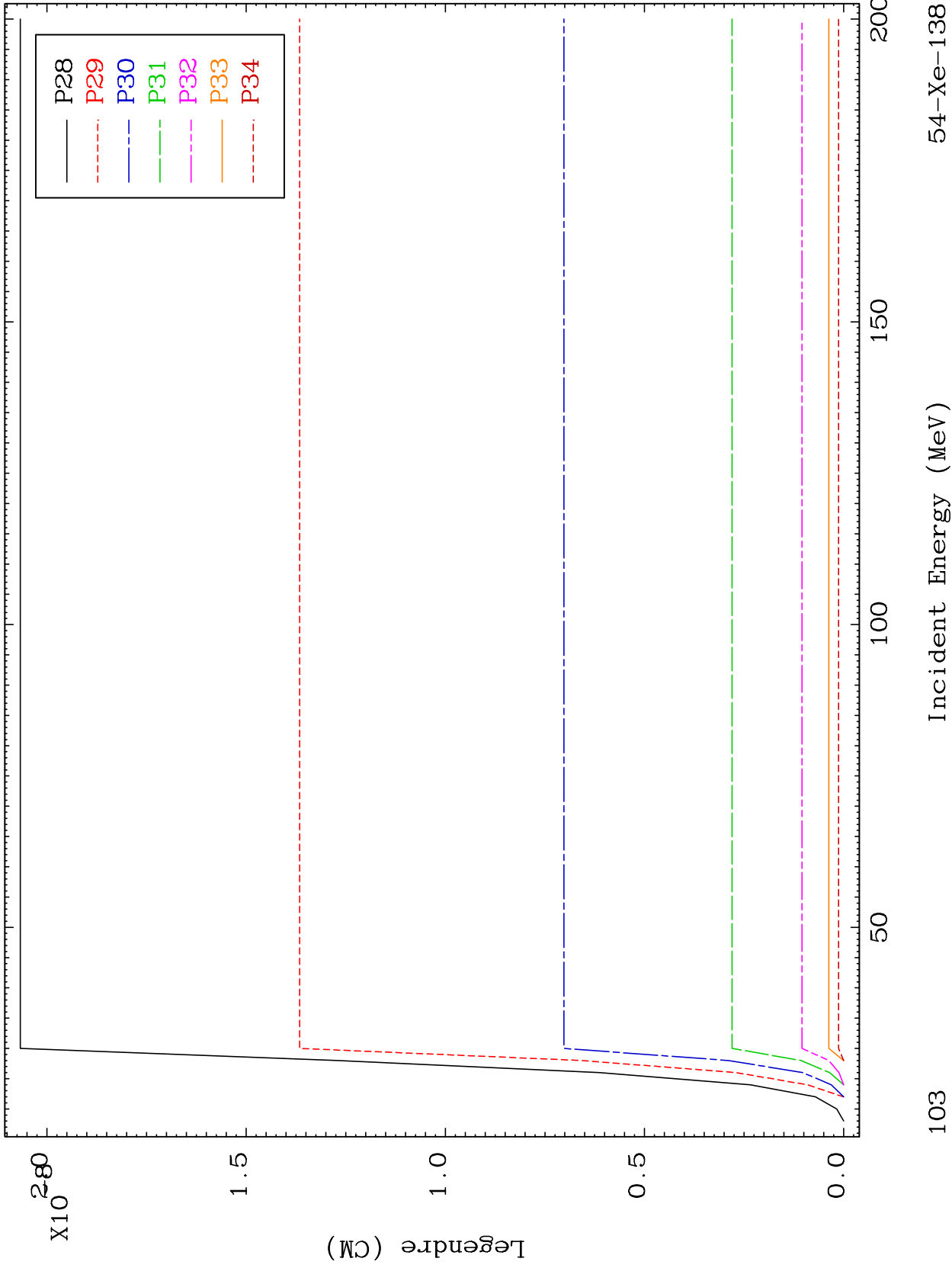
54-Xe-138



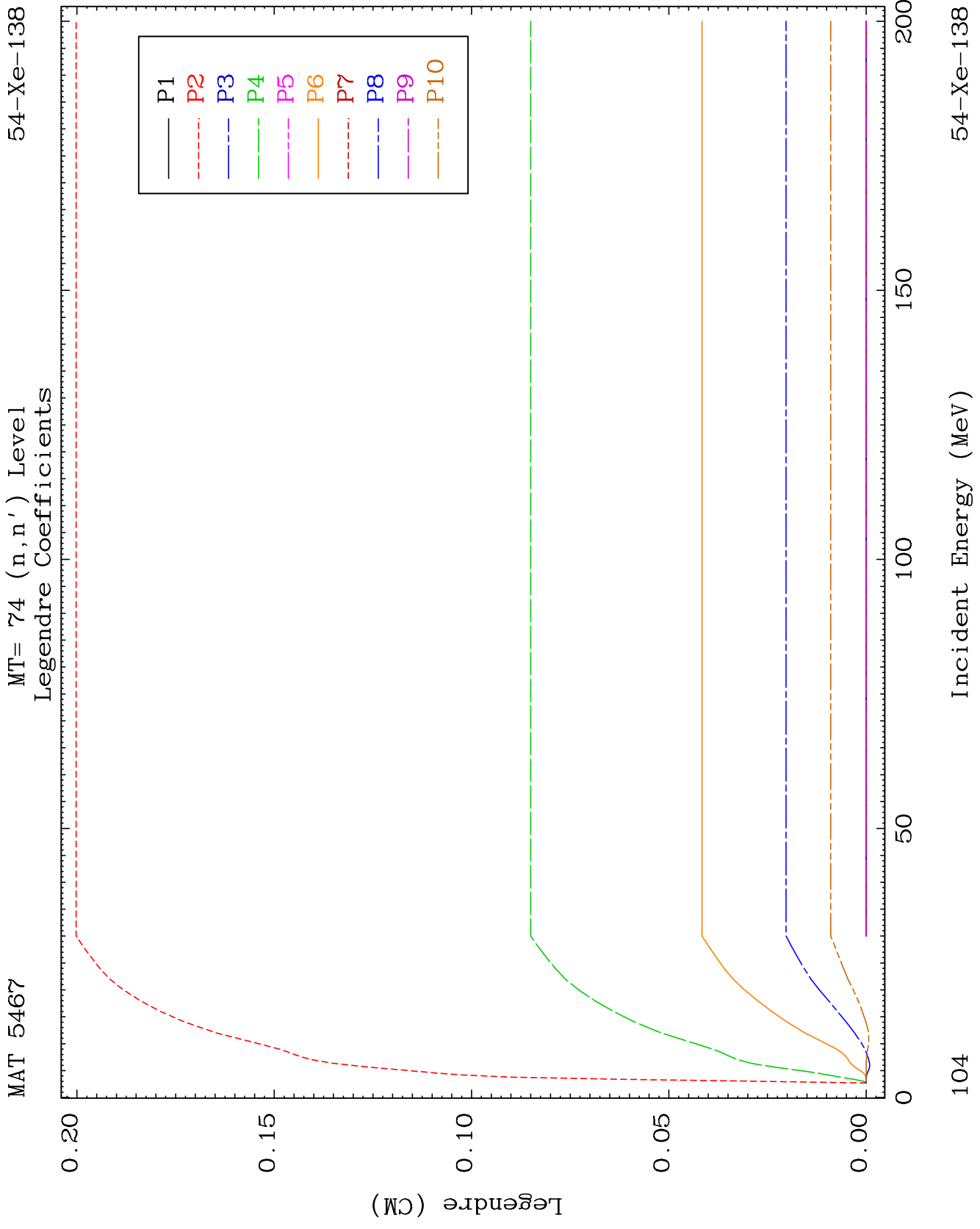
MAT 5467

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

54-Xe-138



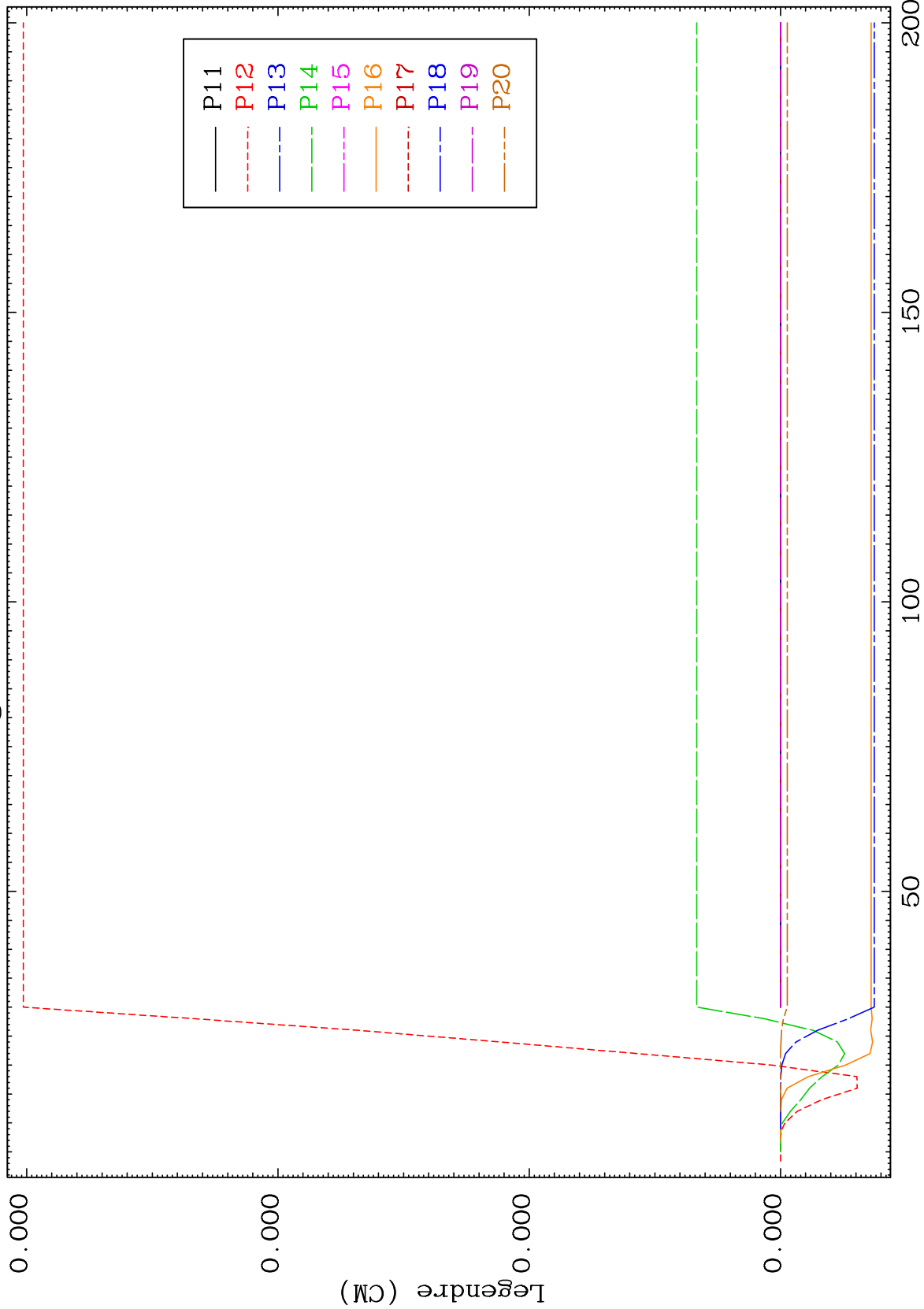
103



MAT 5467

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

54-Xe-138



105

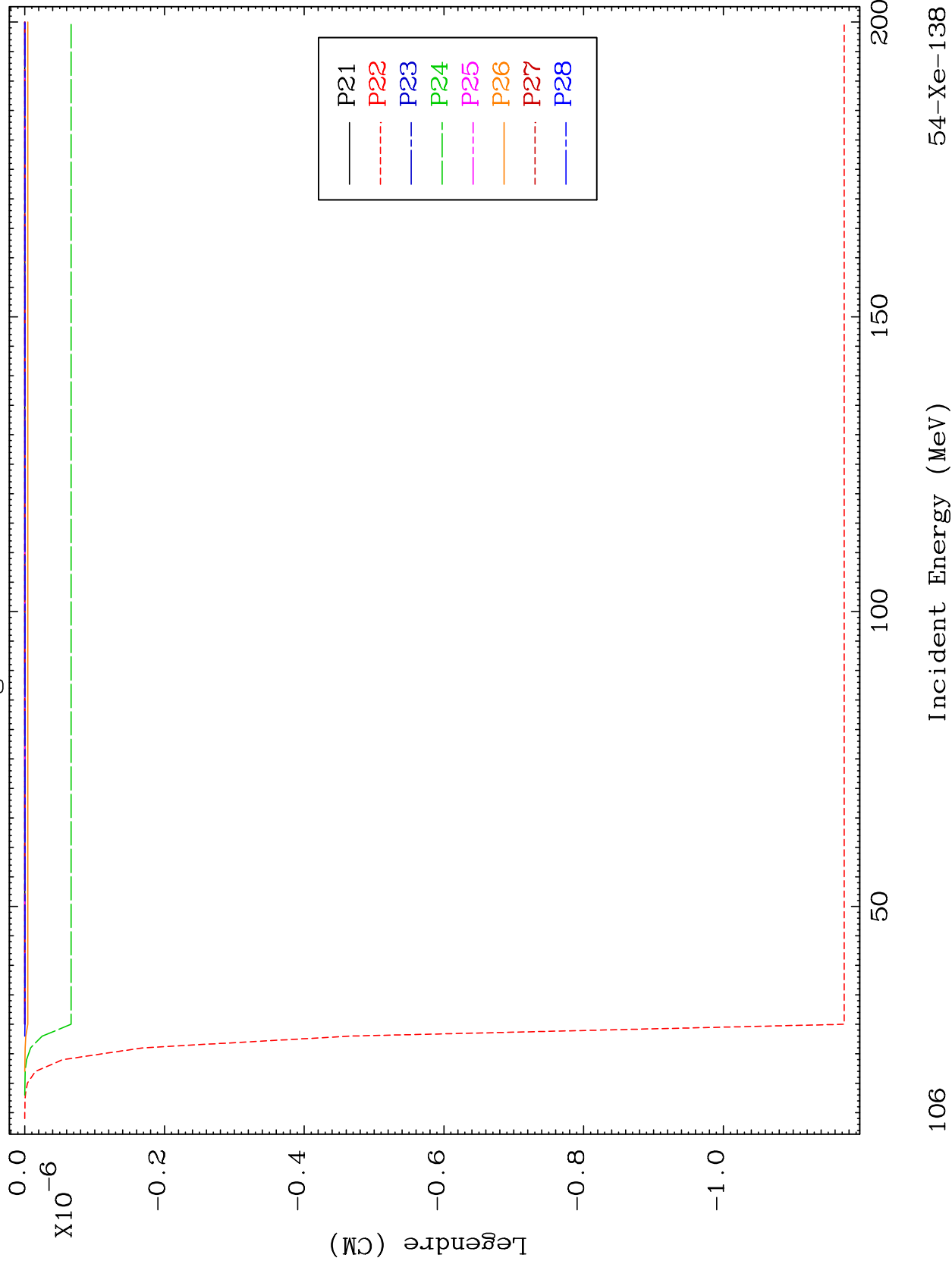
Incident Energy (MeV)

54-Xe-138

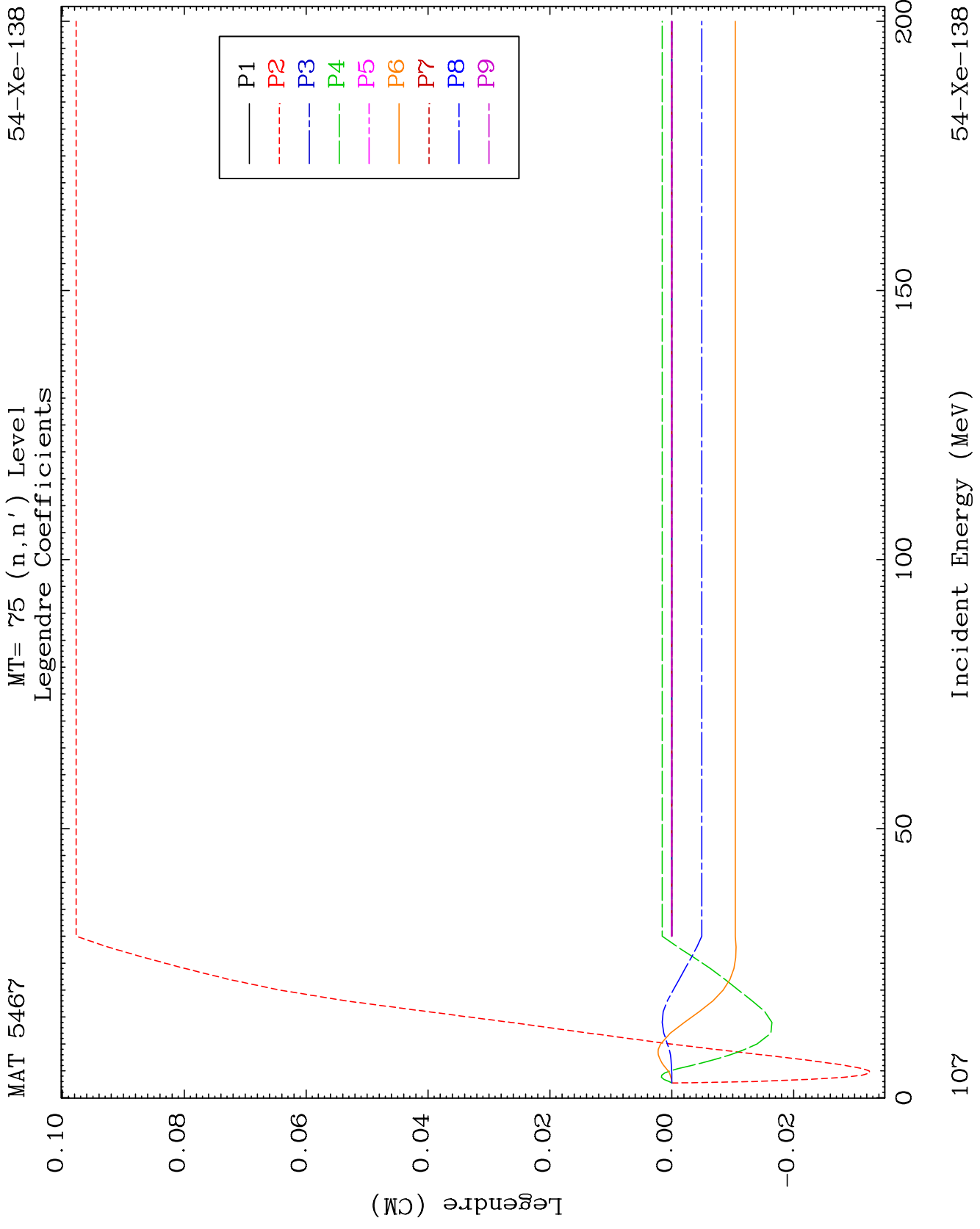
MAT 5467

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

54-Xe-138



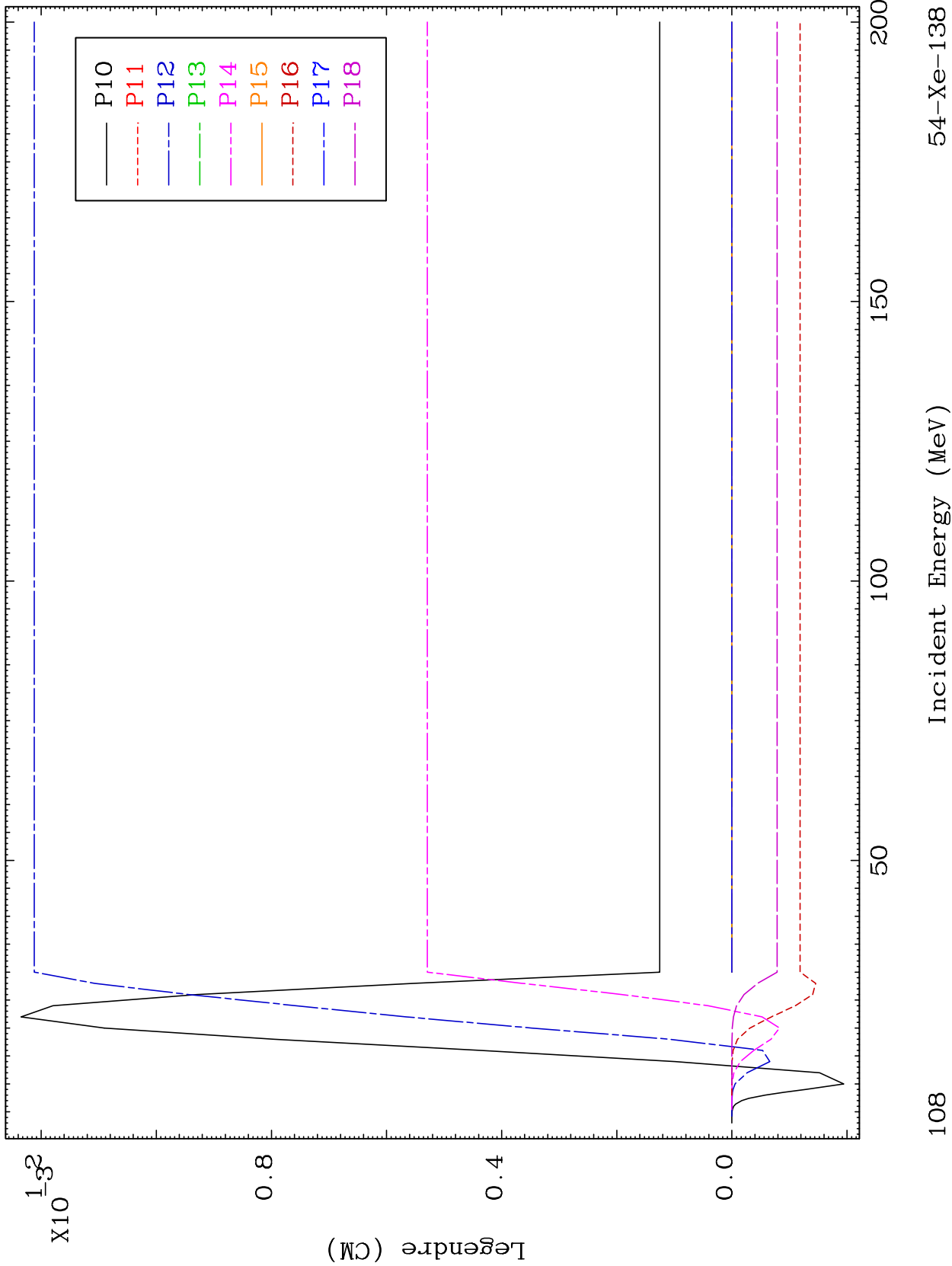
106



MAT 5467

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

54-Xe-138



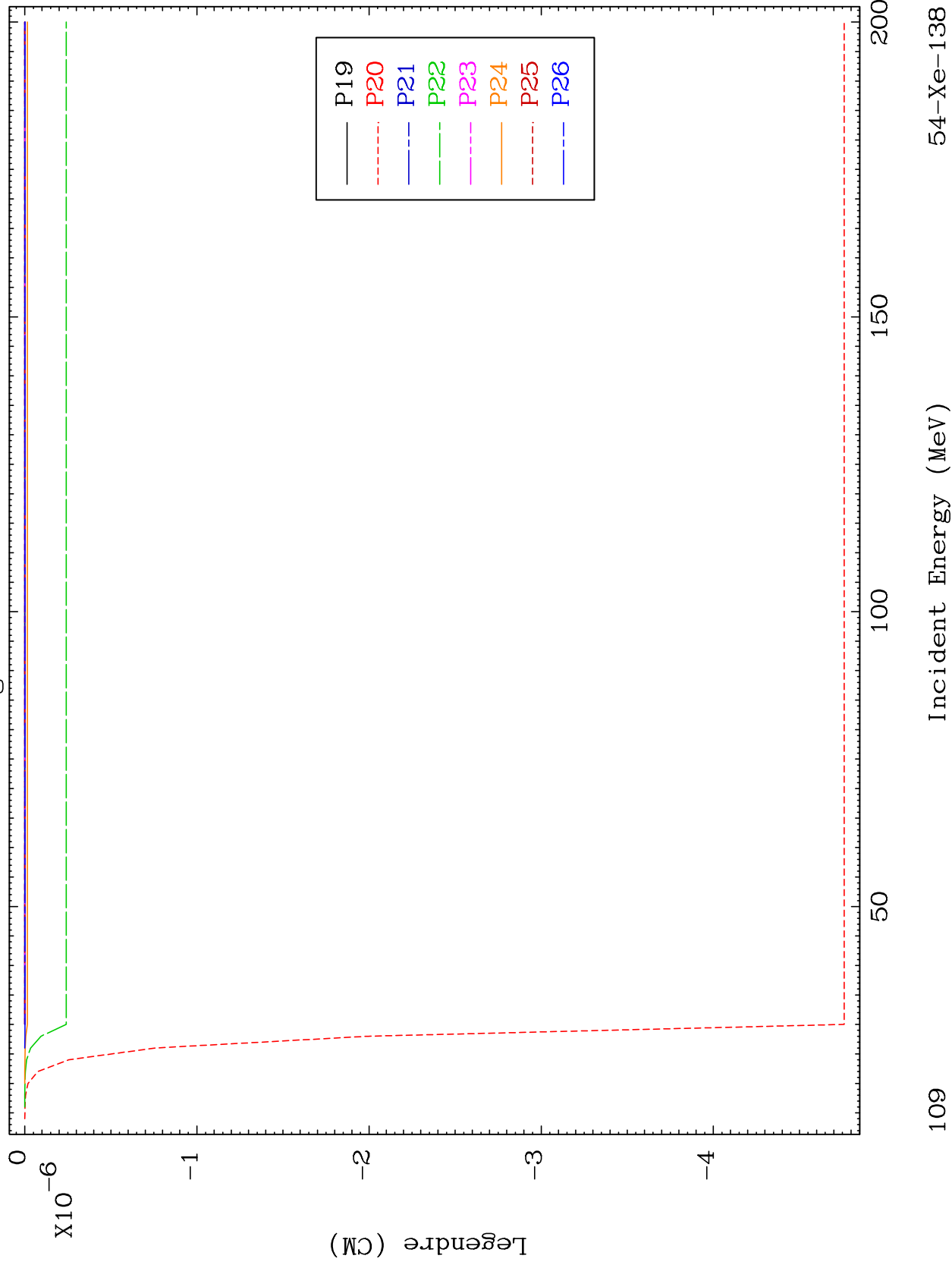
108

54-Xe-138

MAT 5467

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

54-Xe-138



109

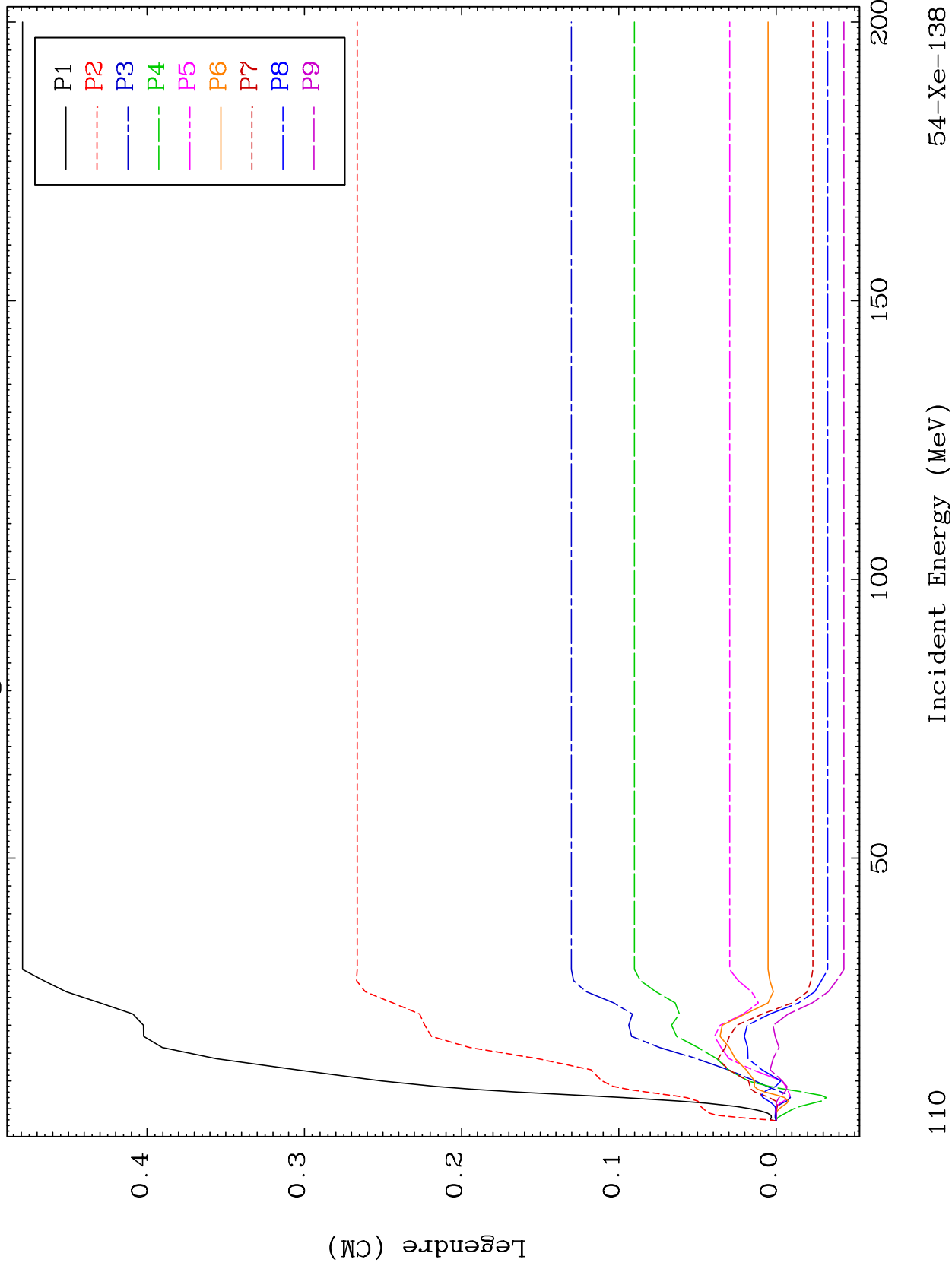
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

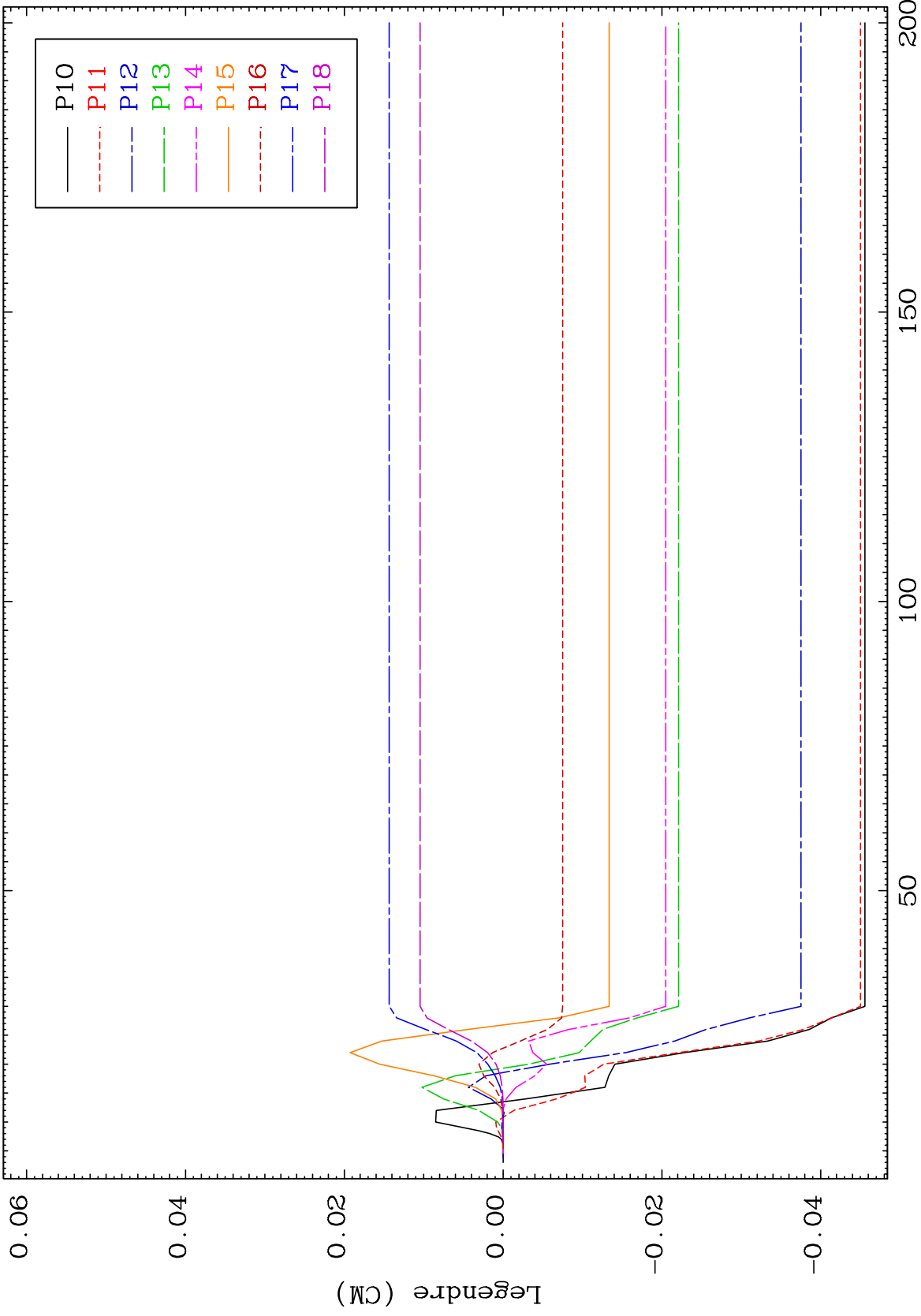
Incident Energy (MeV)

110

MAT 5467

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

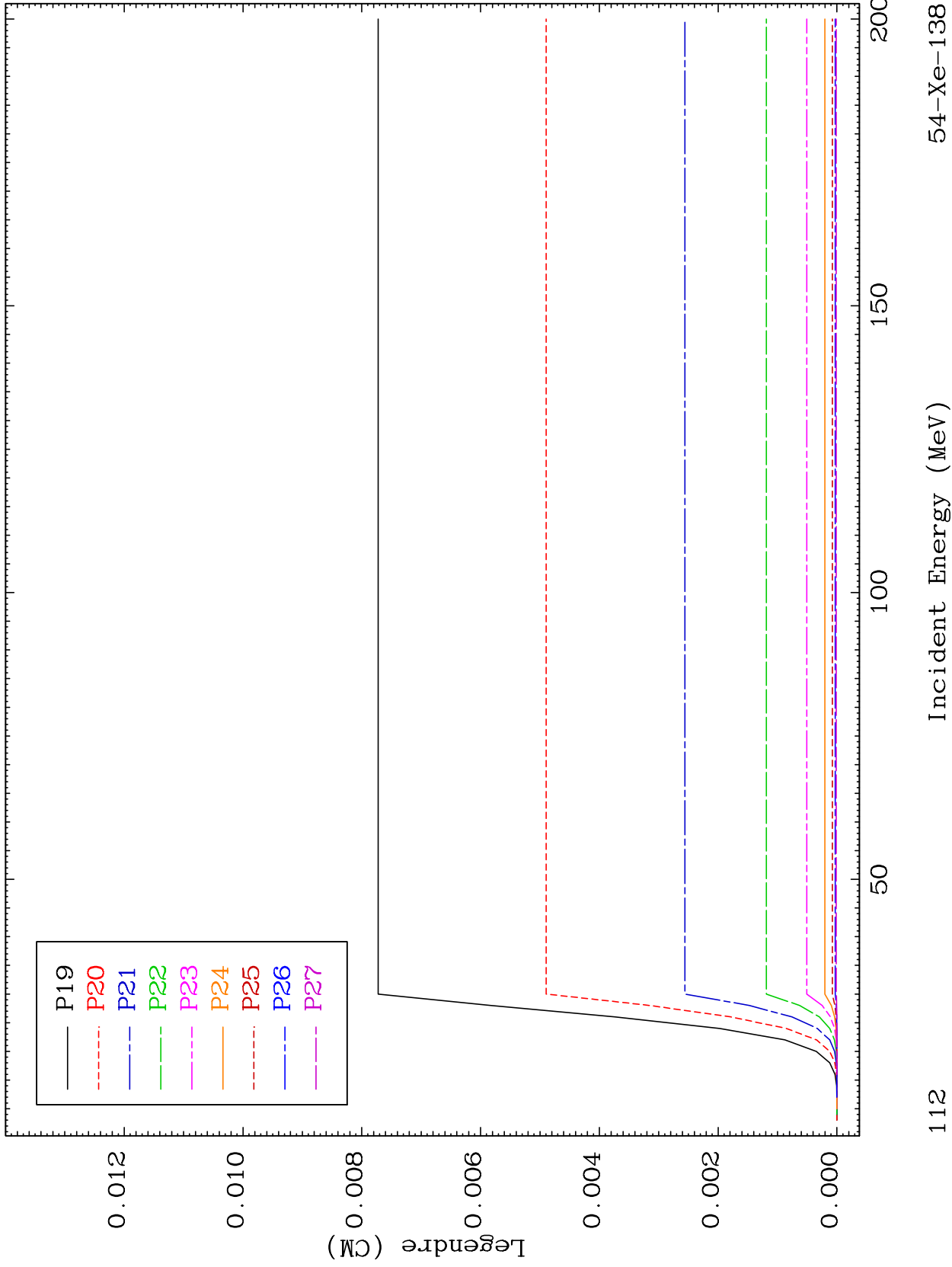
54-Xe-138



111

Incident Energy (MeV)

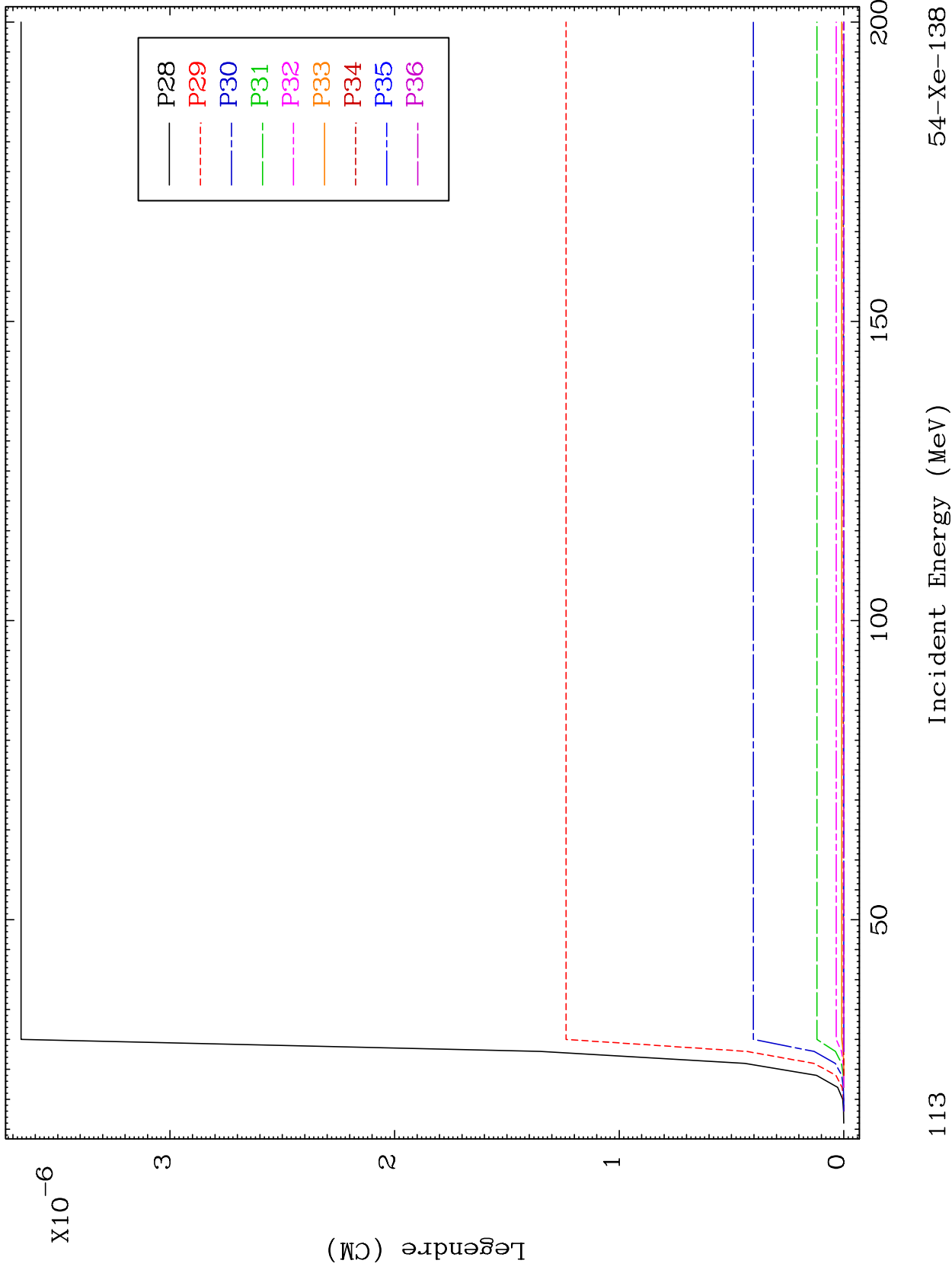
54-Xe-138



MAT 5467

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

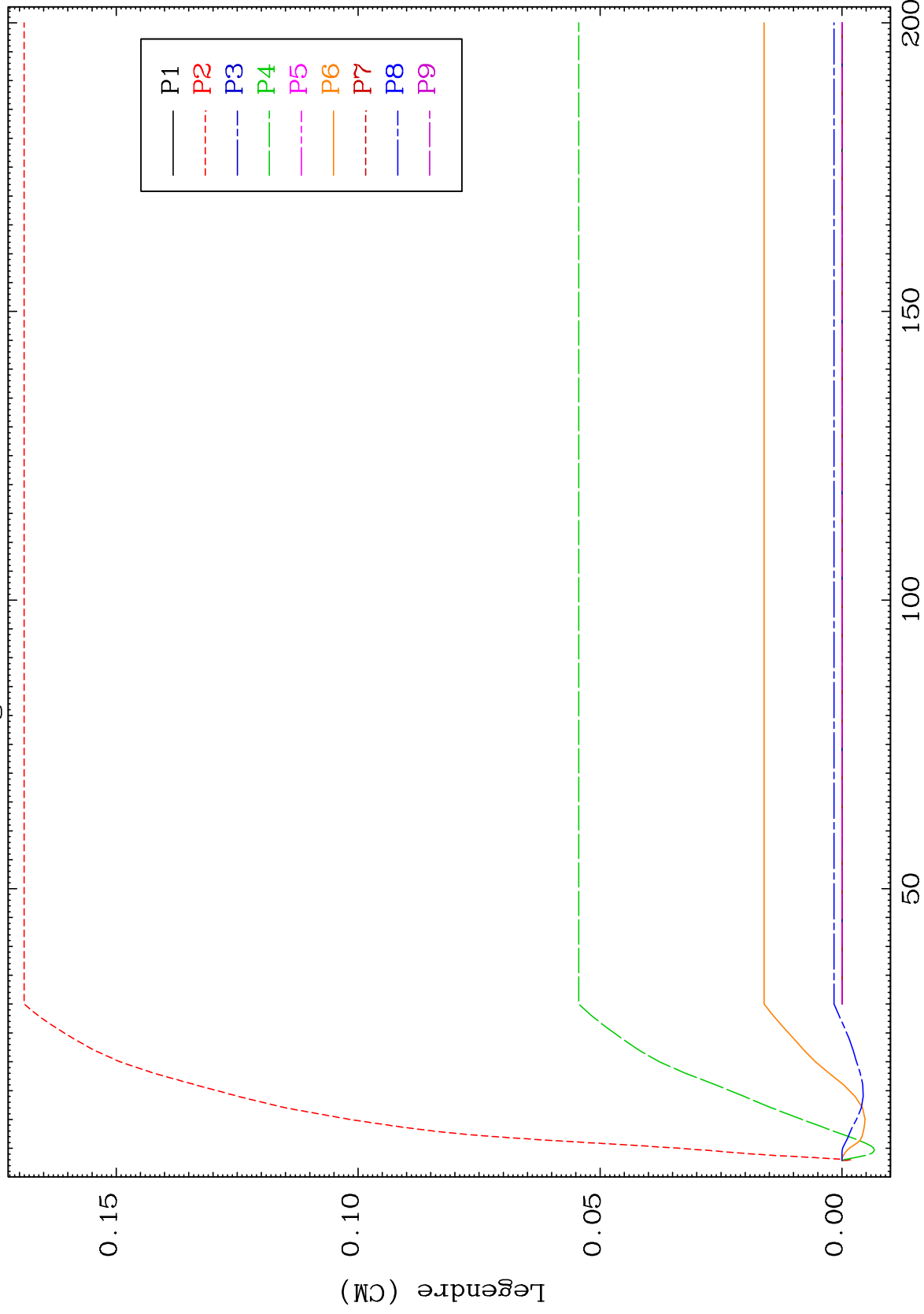
54-Xe-138



MAT 5467

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

54-Xe-138



114

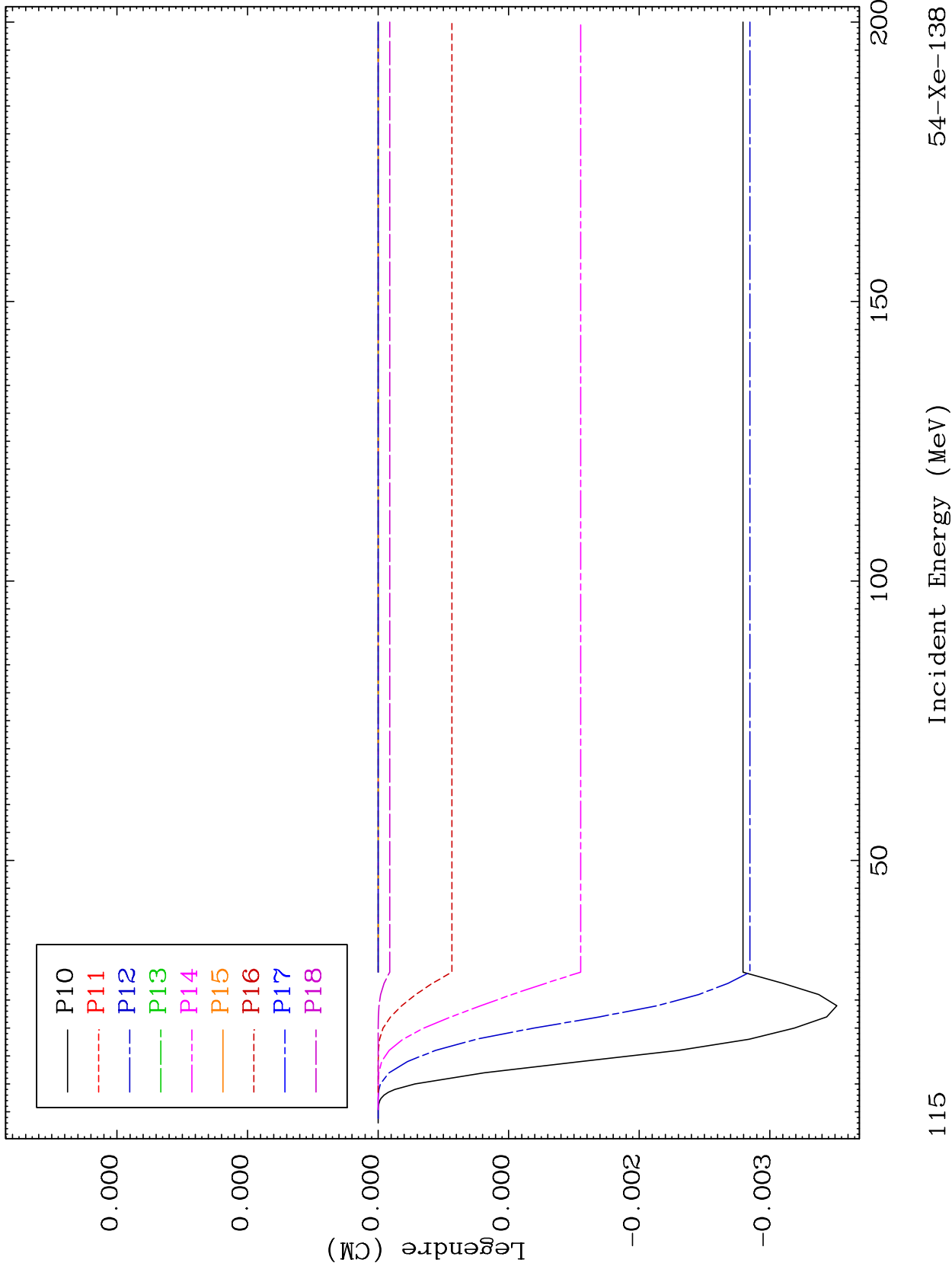
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

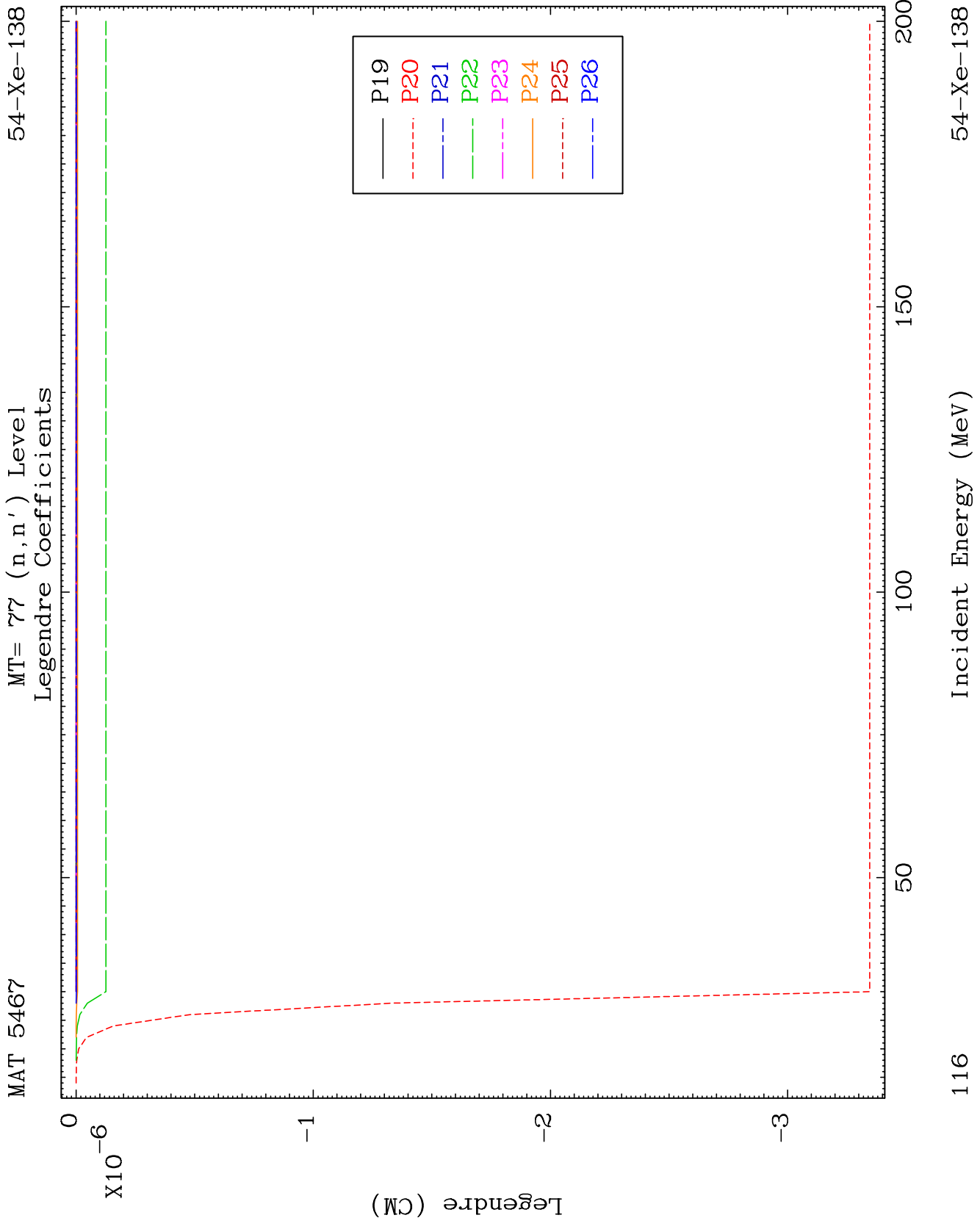
54-Xe-138



115

Incident Energy (MeV)

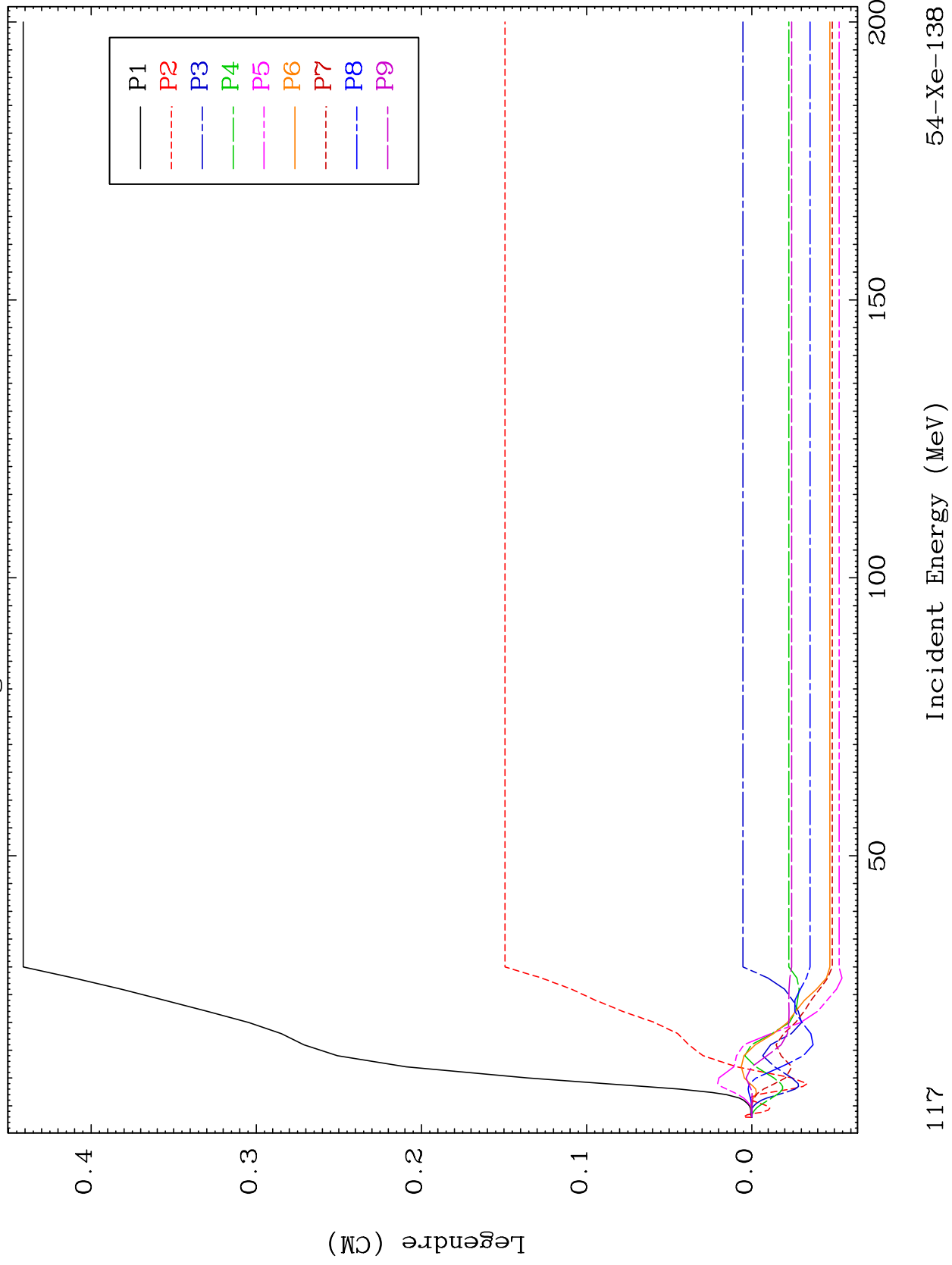
54-Xe-138



MAT 5467

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

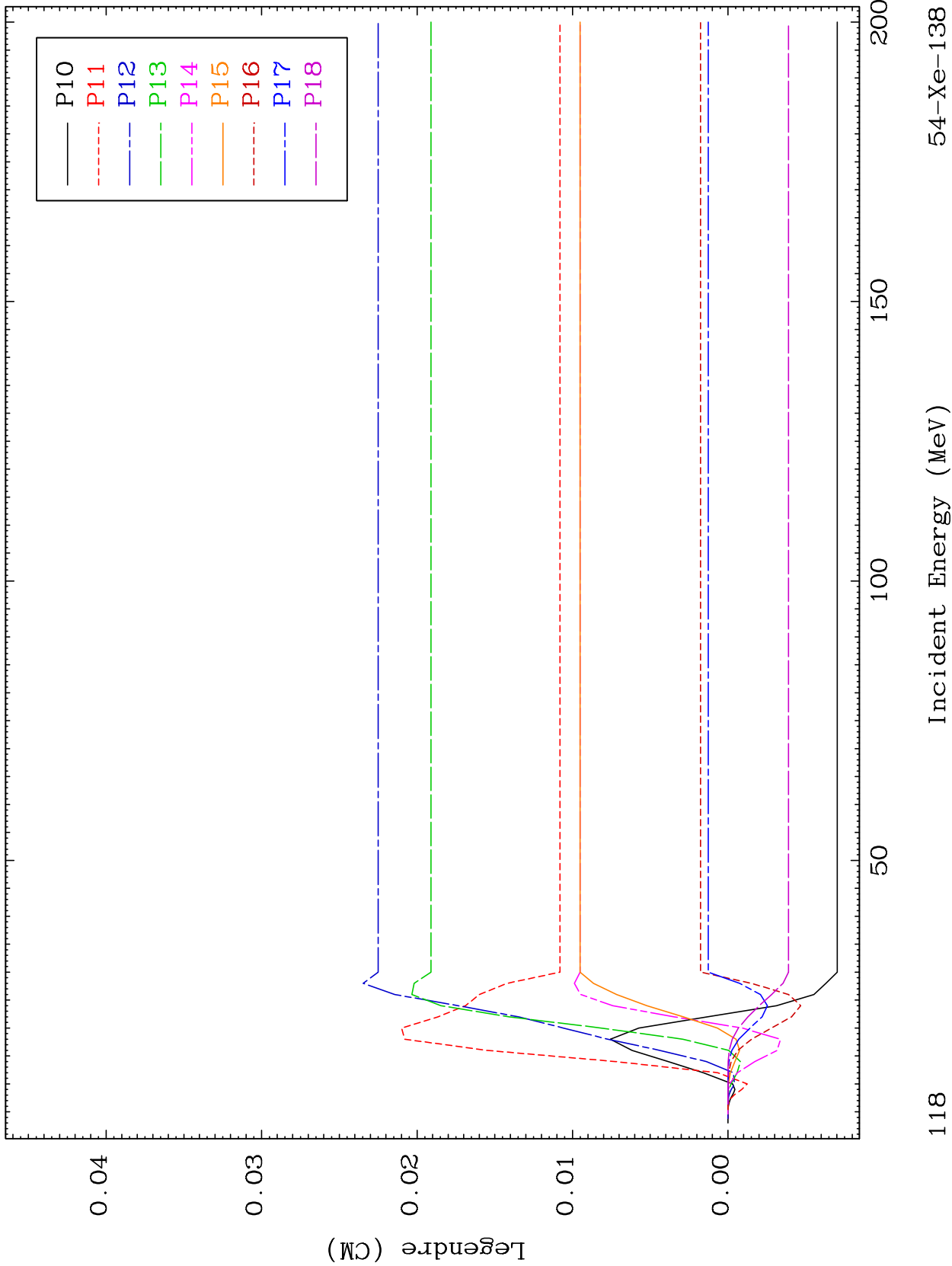
54-Xe-138



MAT 5467

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

54-Xe-138



118

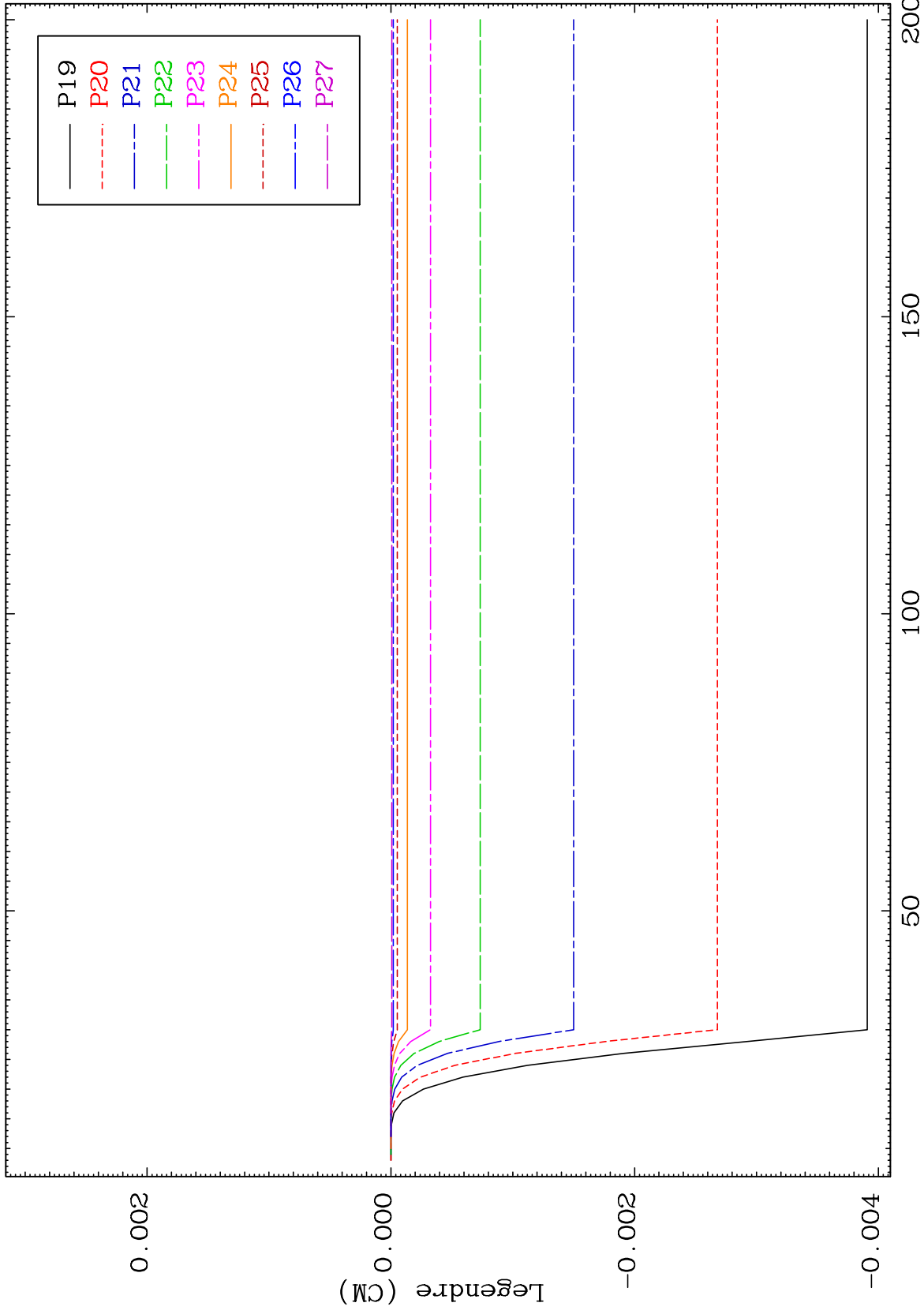
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



119

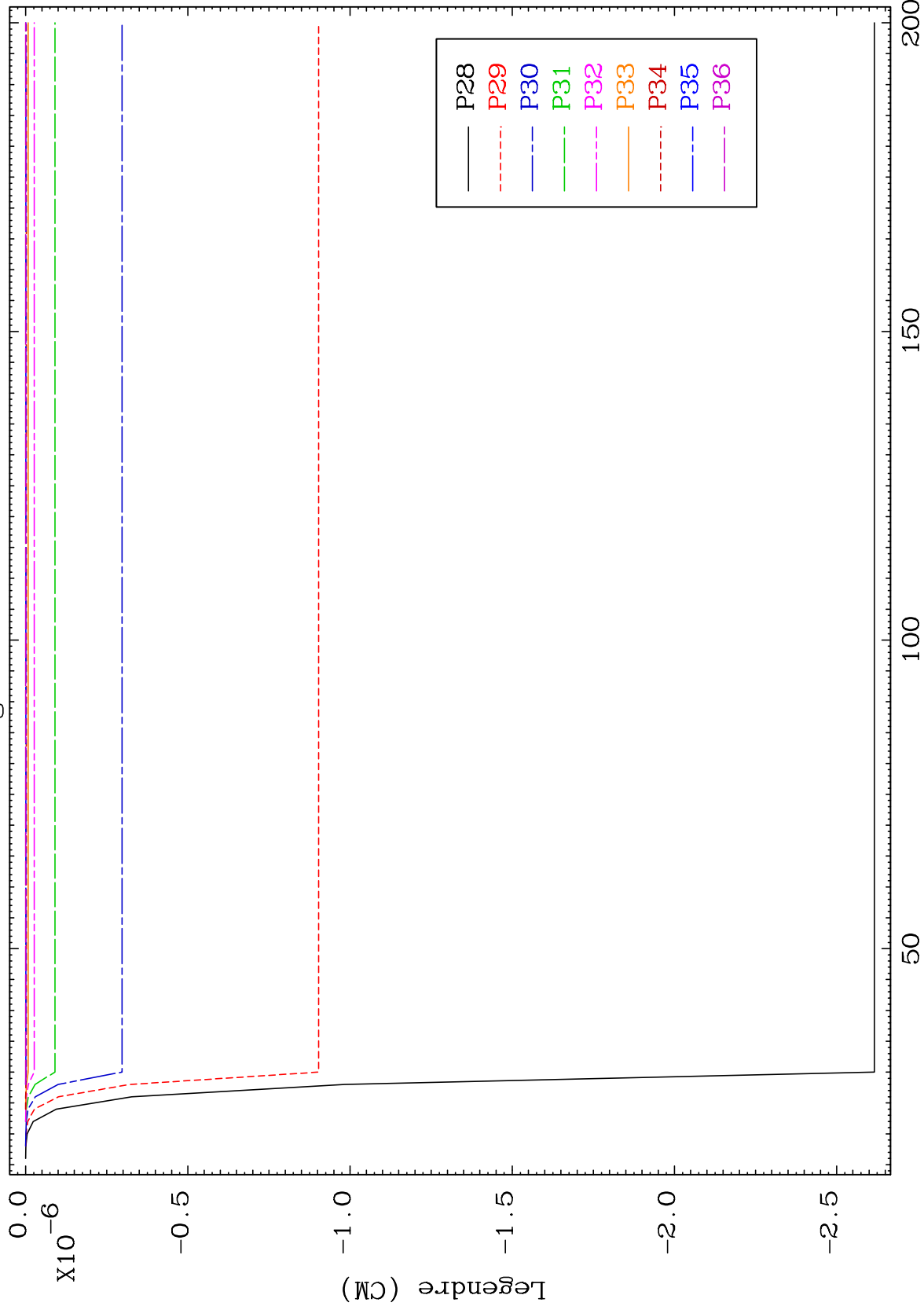
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



120

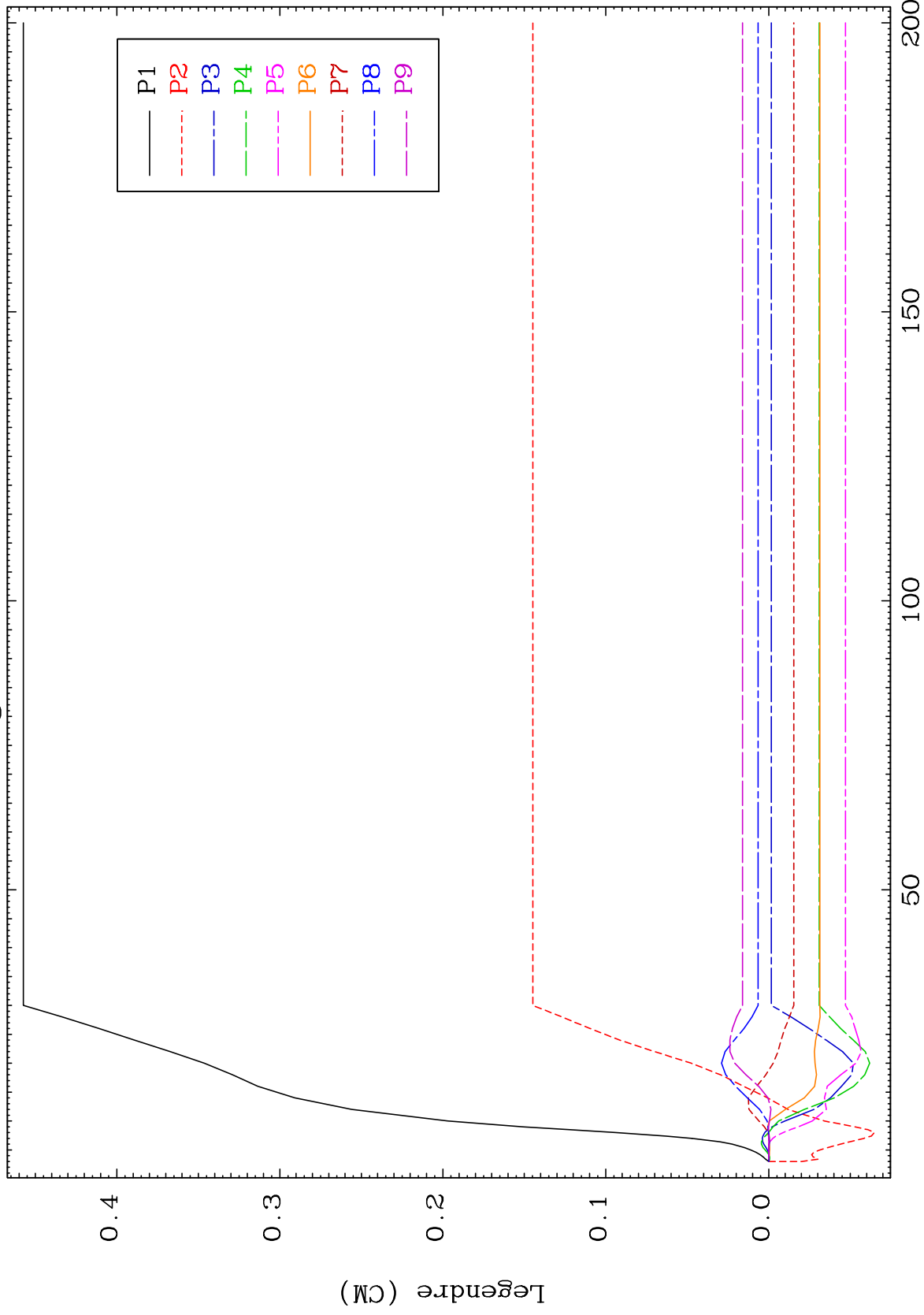
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



121

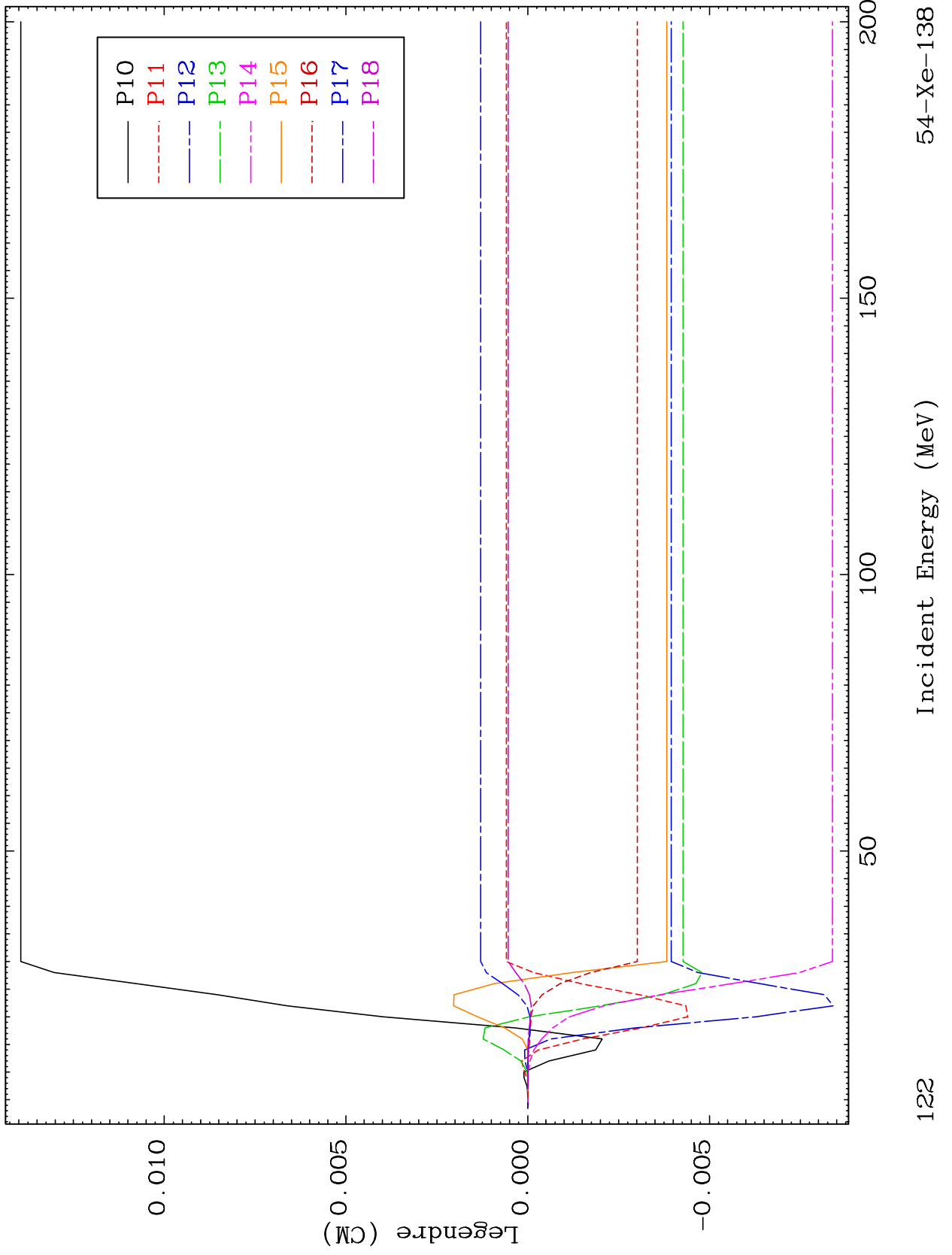
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



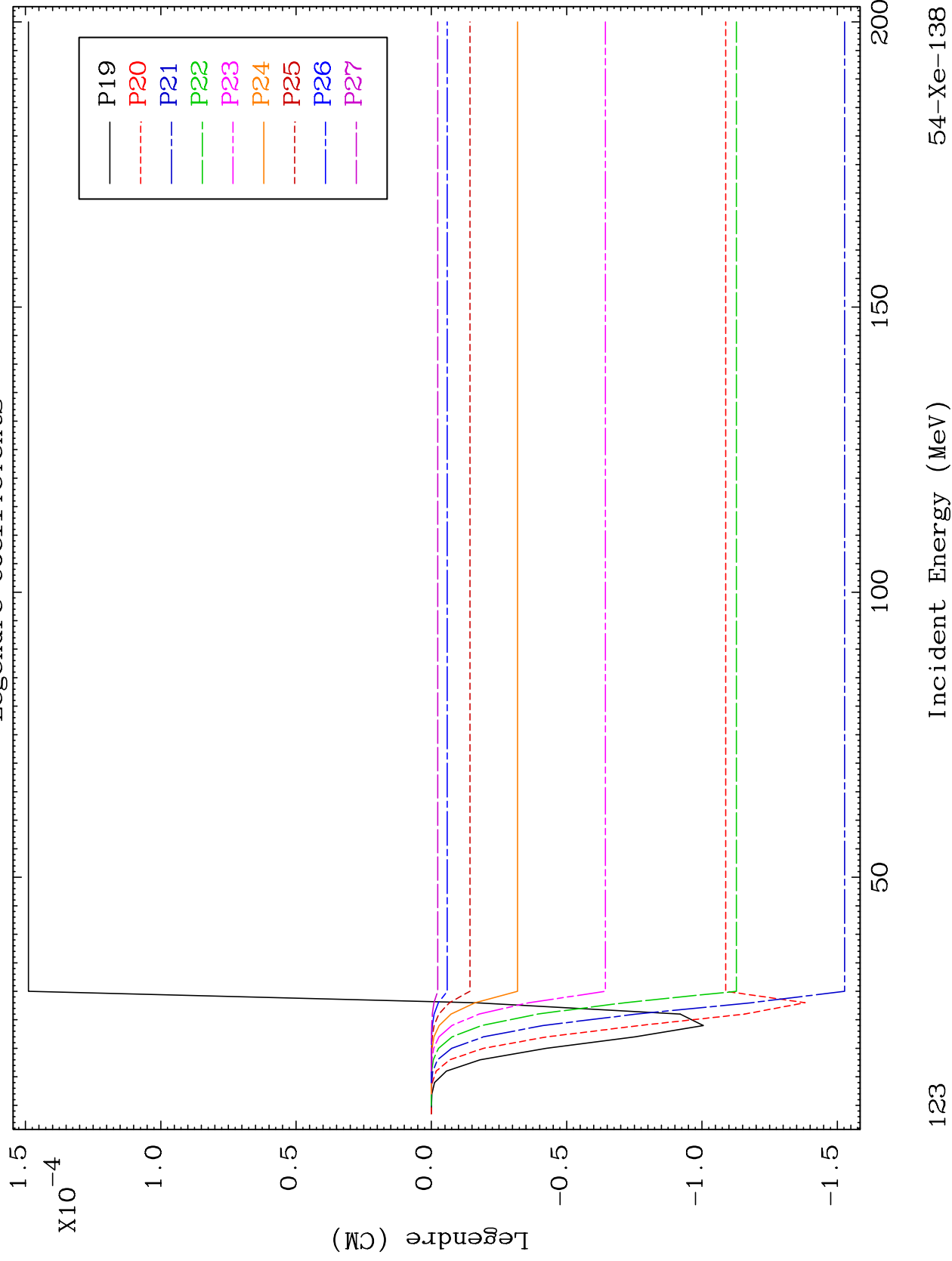
122

54-Xe-138

MAT 5467

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

54-Xe-138



123

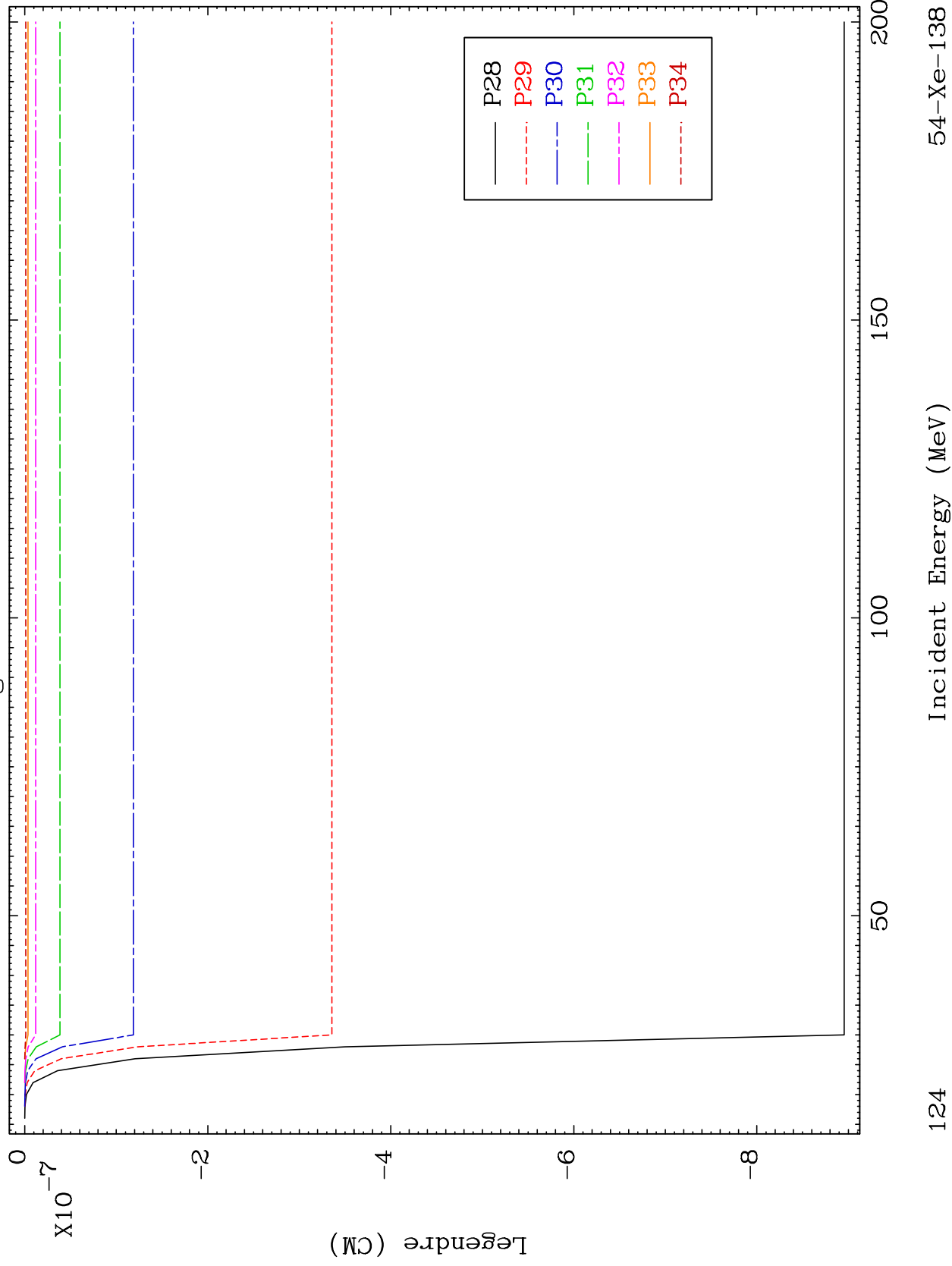
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



124

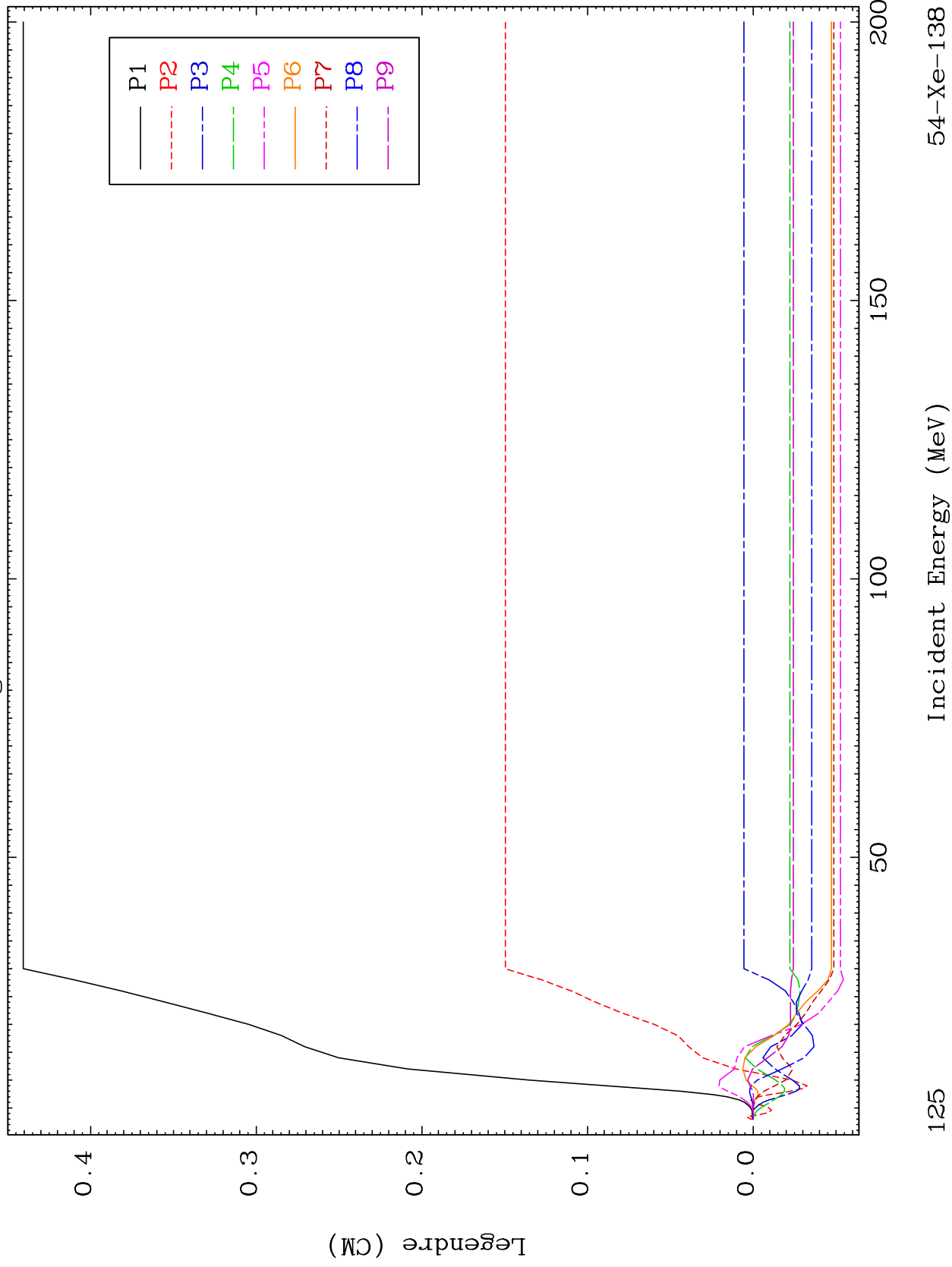
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

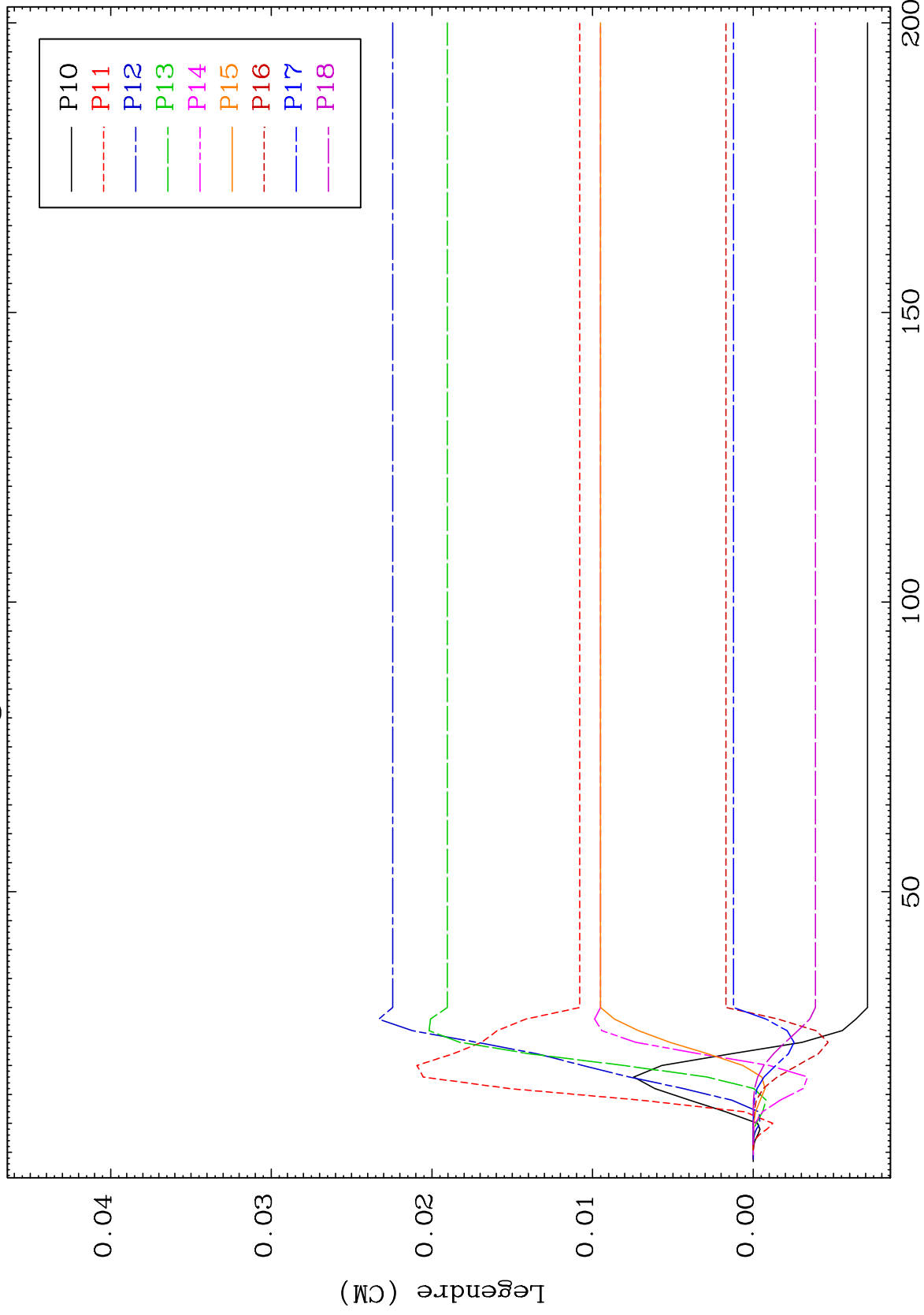
Incident Energy (MeV)

125

MAT 5467

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

54-Xe-138



126

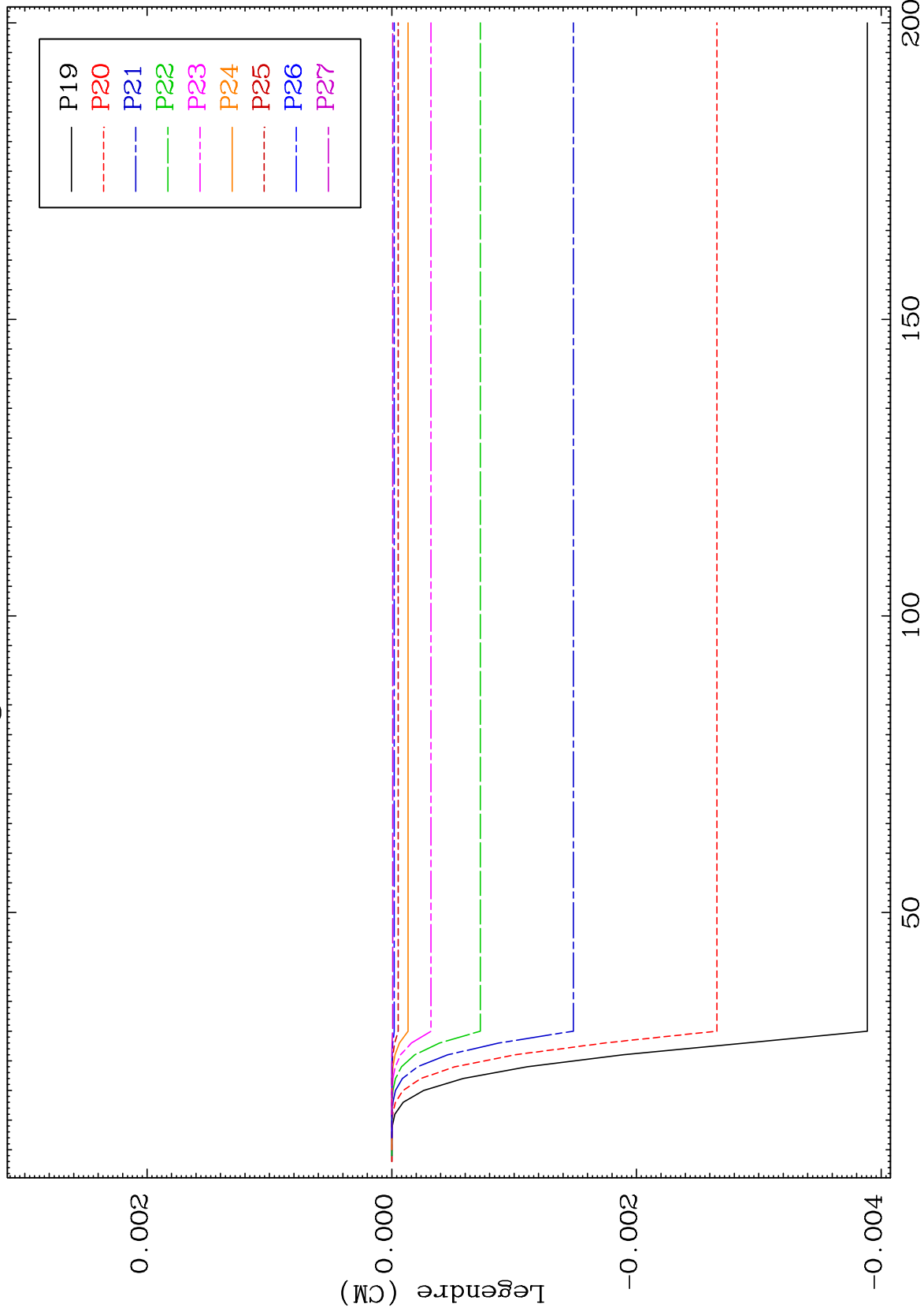
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



127

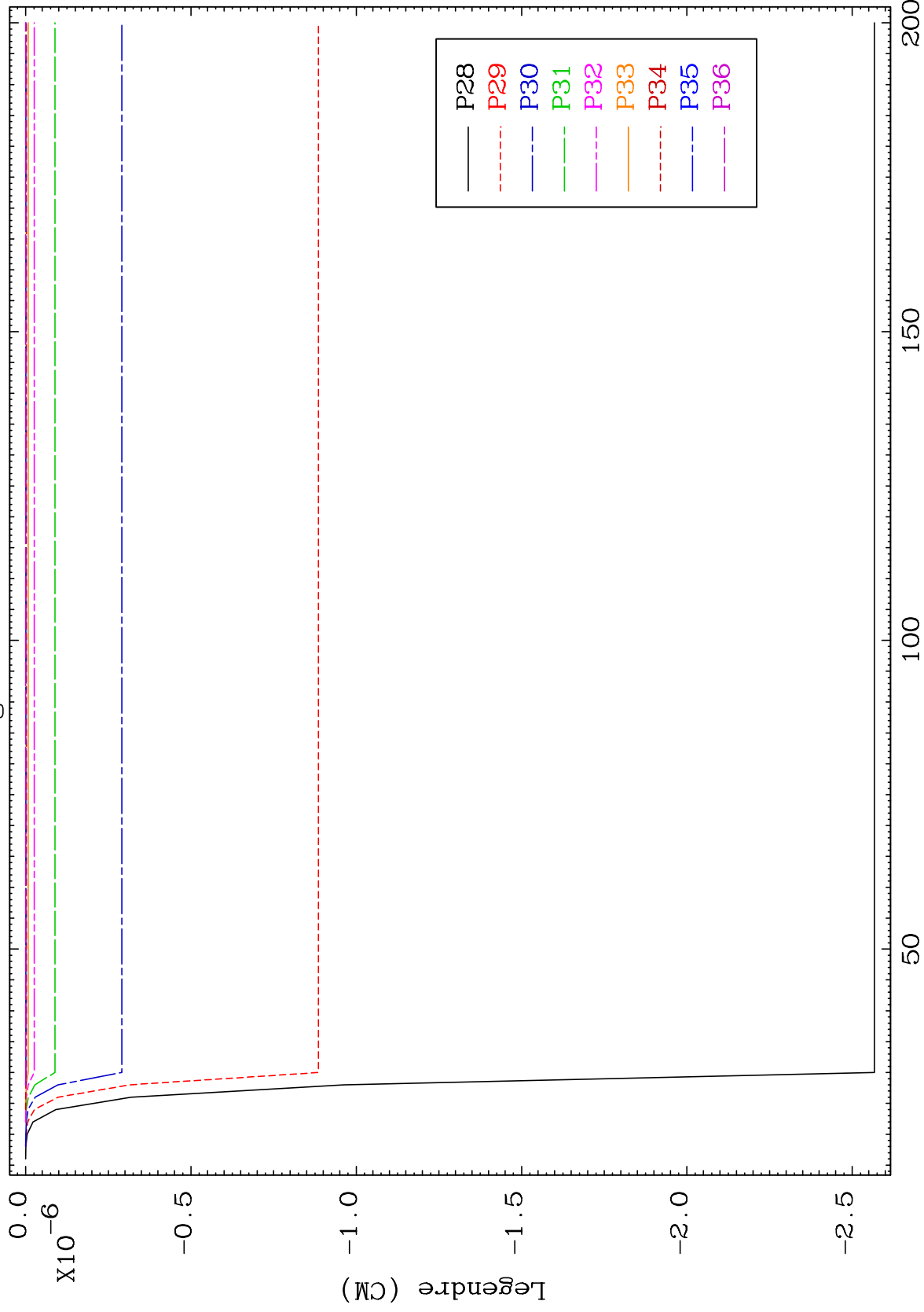
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



128

Incident Energy (MeV)

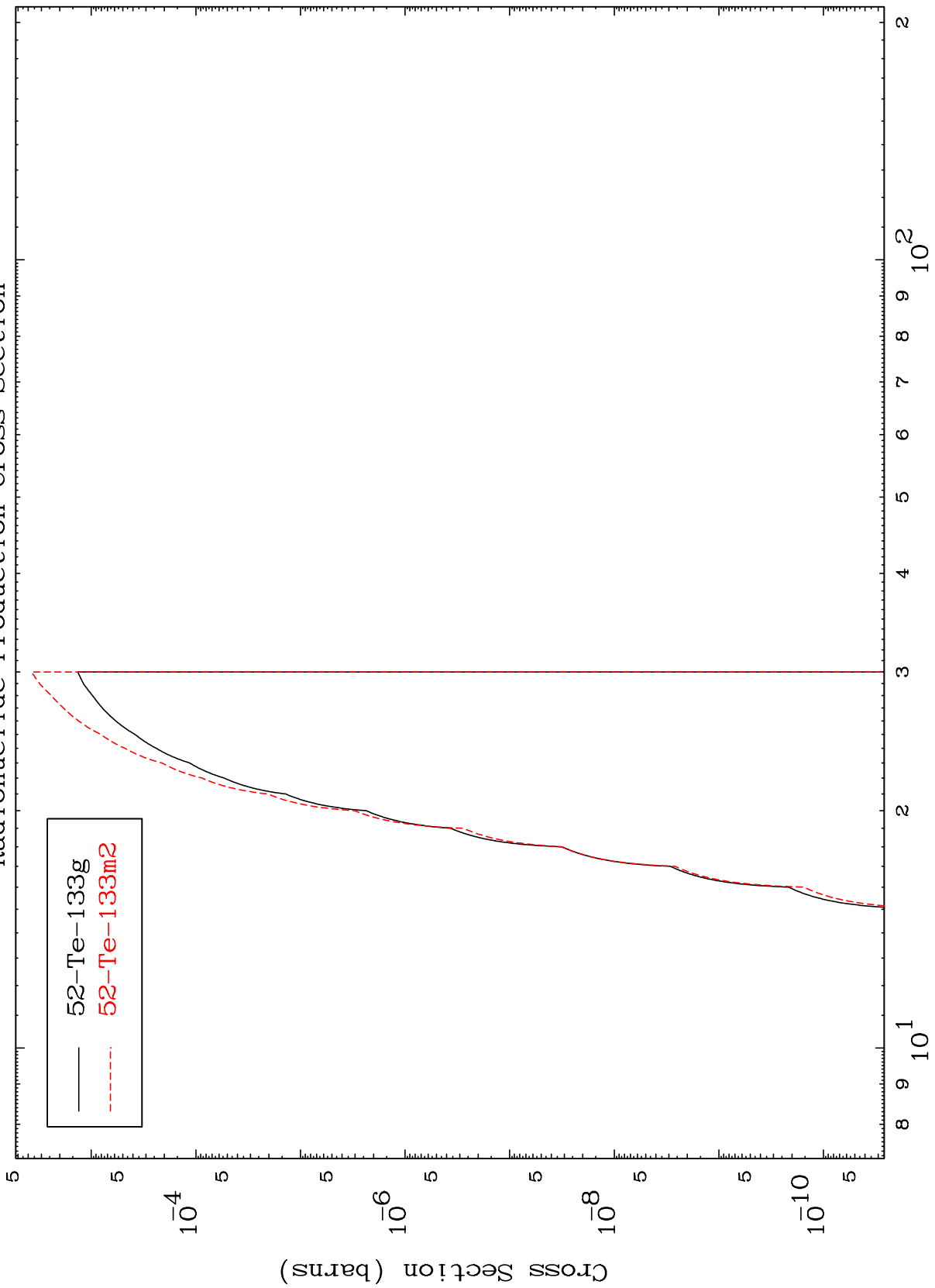
54-Xe-138

MAT 5467

(n,2n) α

54-Xe-138

Radionuclide Production Cross Section



129

Incident Energy (MeV)

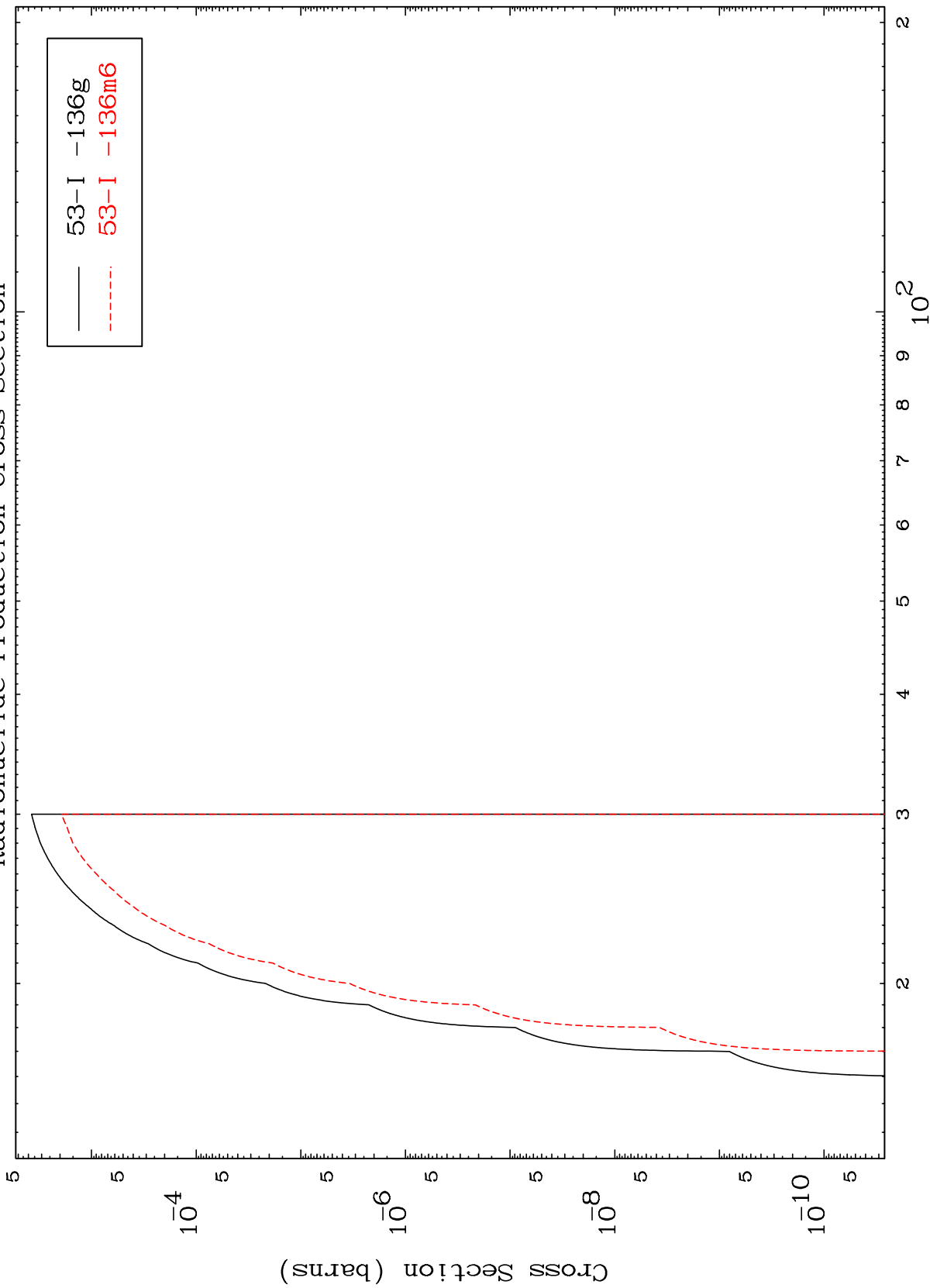
54-Xe-138

MAT 5467

(n,n') d

54-Xe-138

Radionuclide Production Cross Section



130

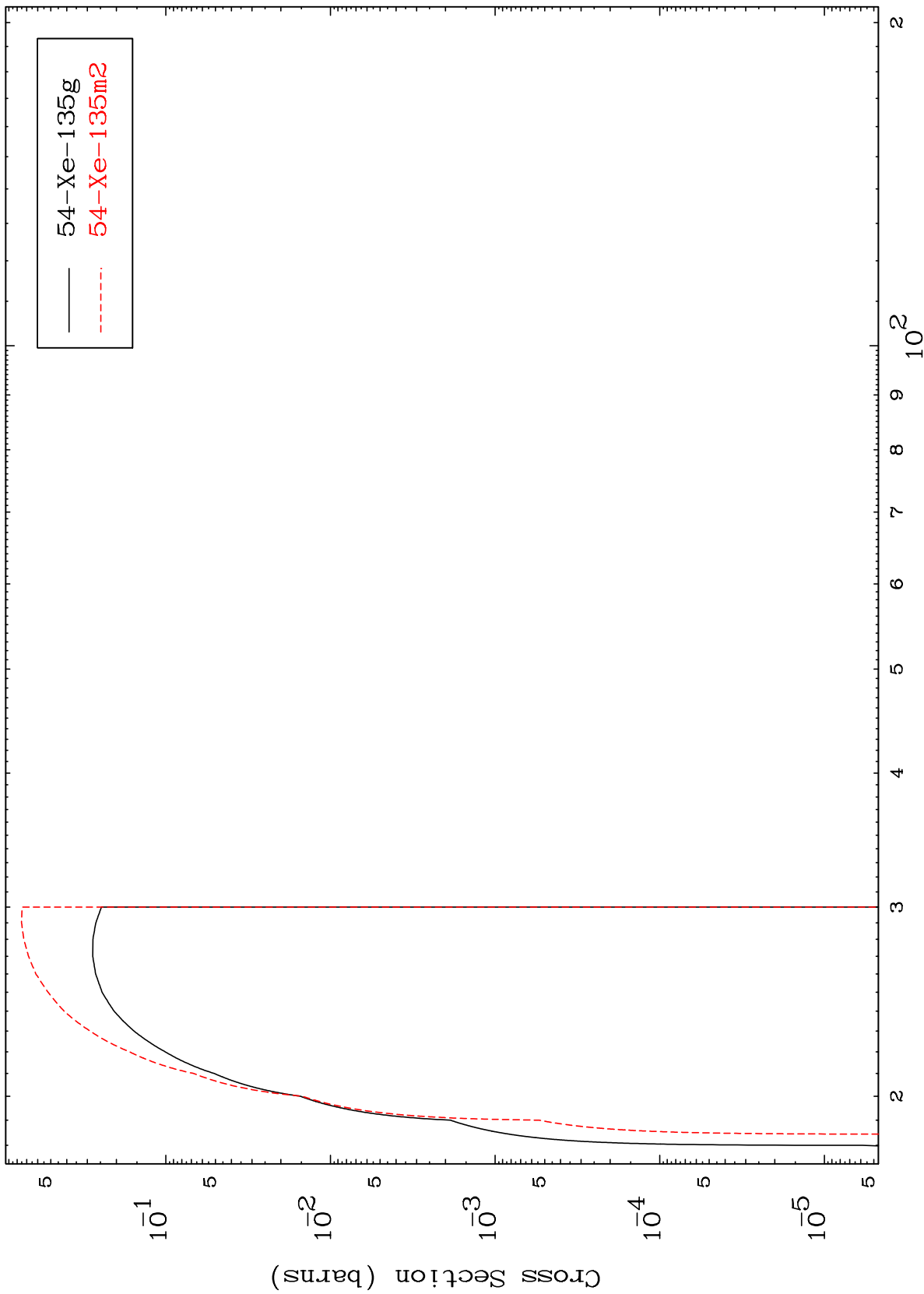
Incident Energy (MeV)

54-Xe-138

MAT 5467

54-Xe-138

(n,4n)
Radionuclide Production Cross Section



131

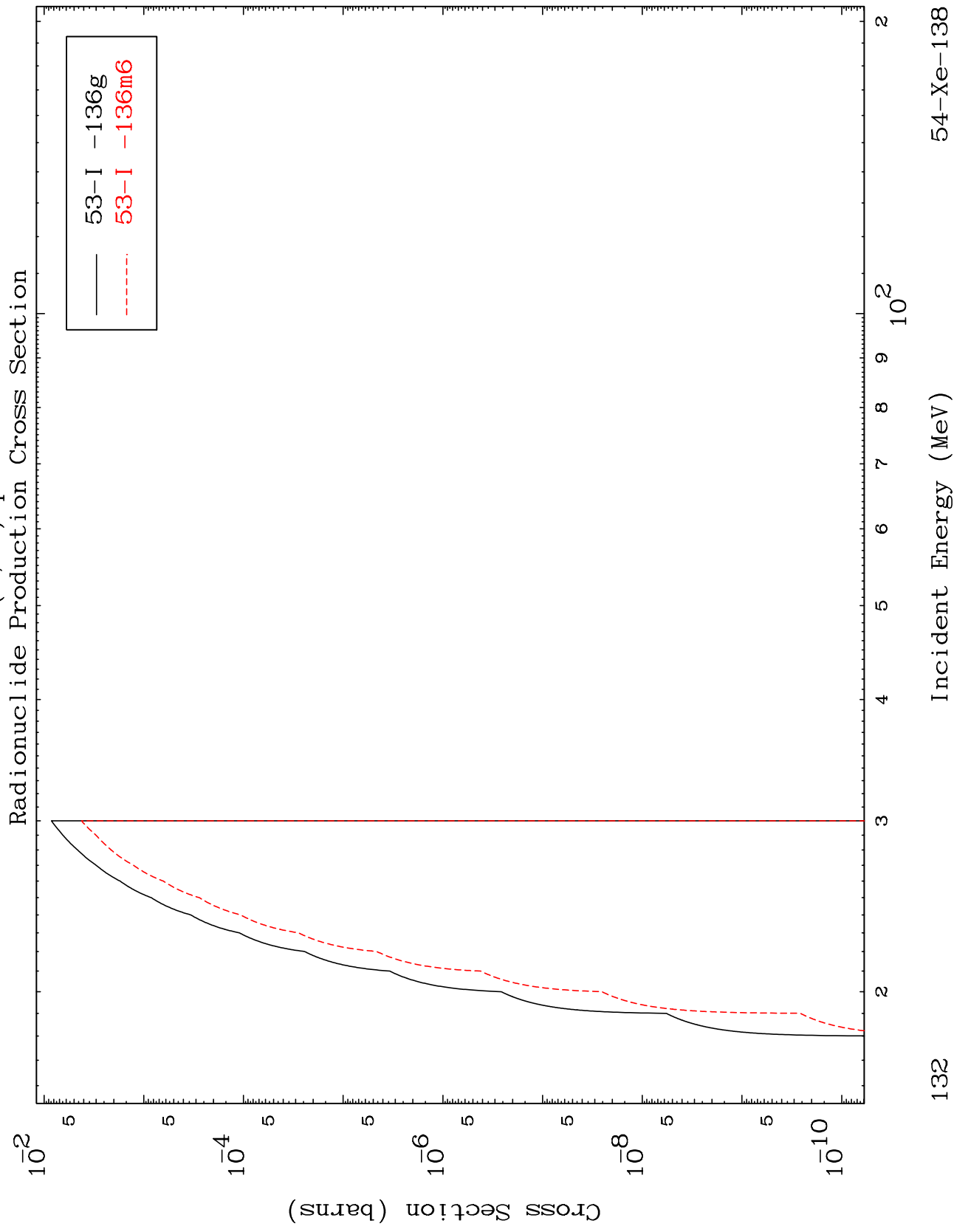
Incident Energy (MeV)

54-Xe-138

MAT 5467

(n,2n) p

54-Xe-138



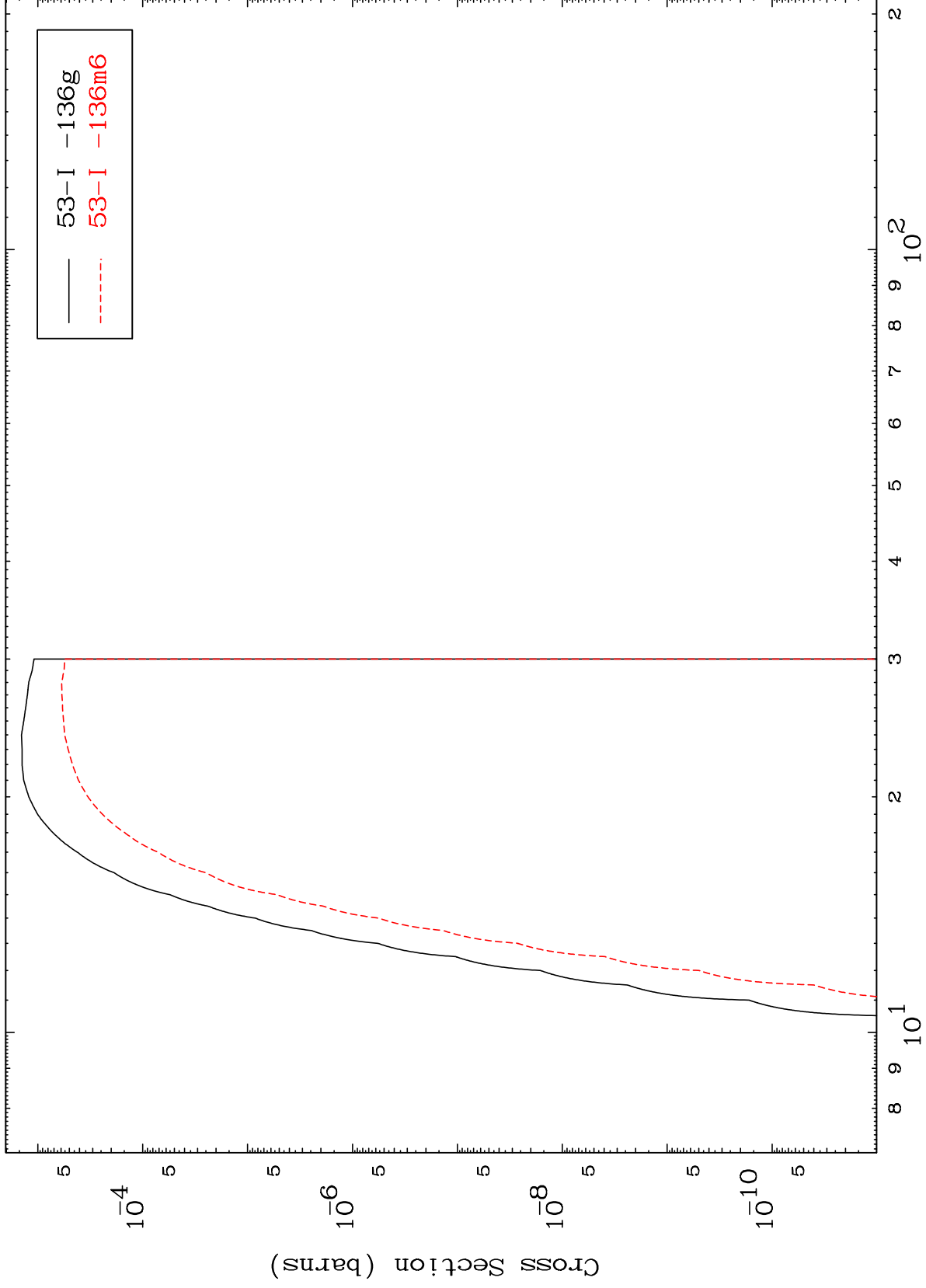
132

54-Xe-138

MAT 5467

54-Xe-138

(n,t)
Radionuclide Production Cross Section



133

Incident Energy (MeV)

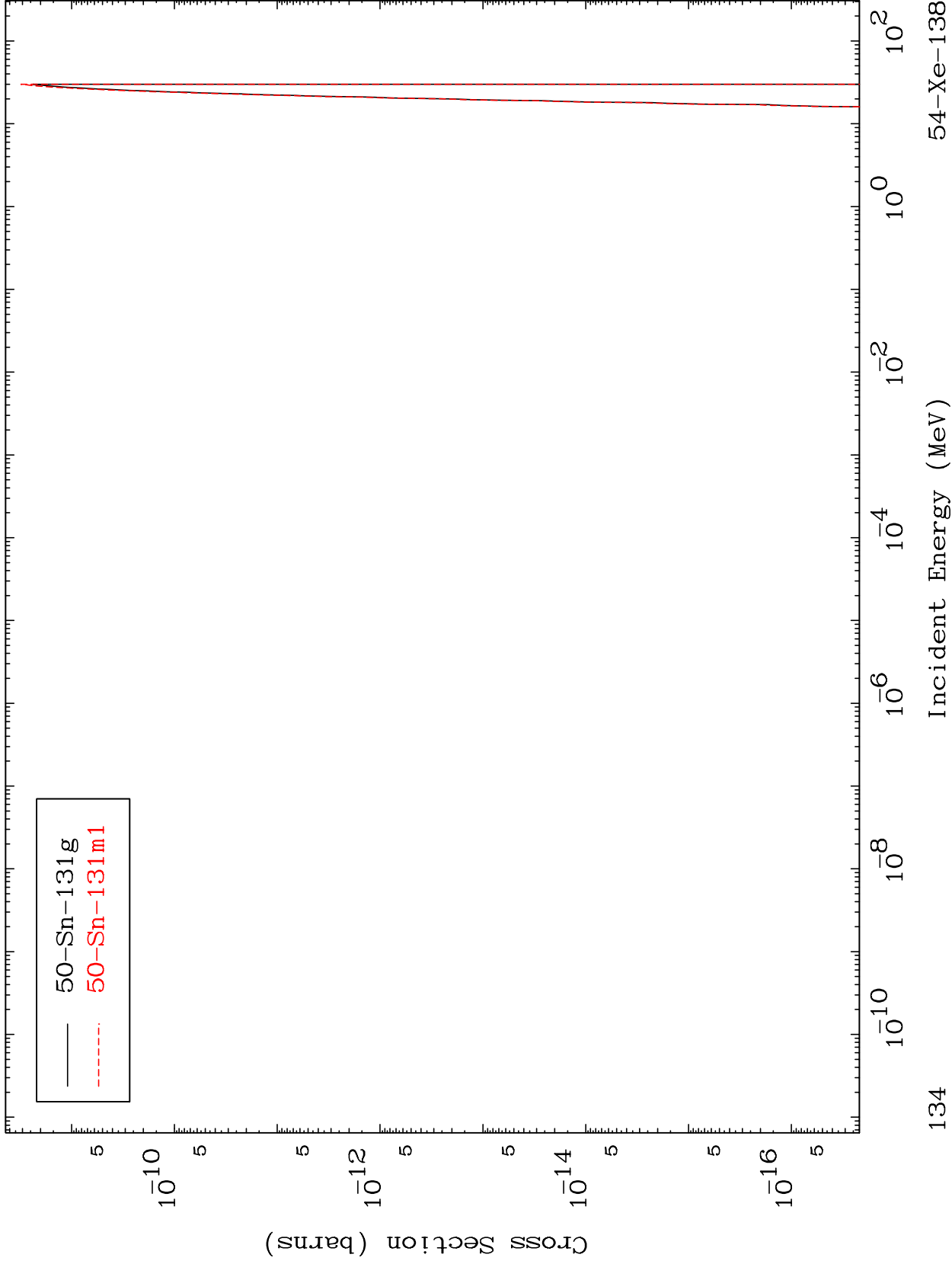
54-Xe-138

MAT 5467

(n,2α)

54-Xe-138

Radionuclide Production Cross Section

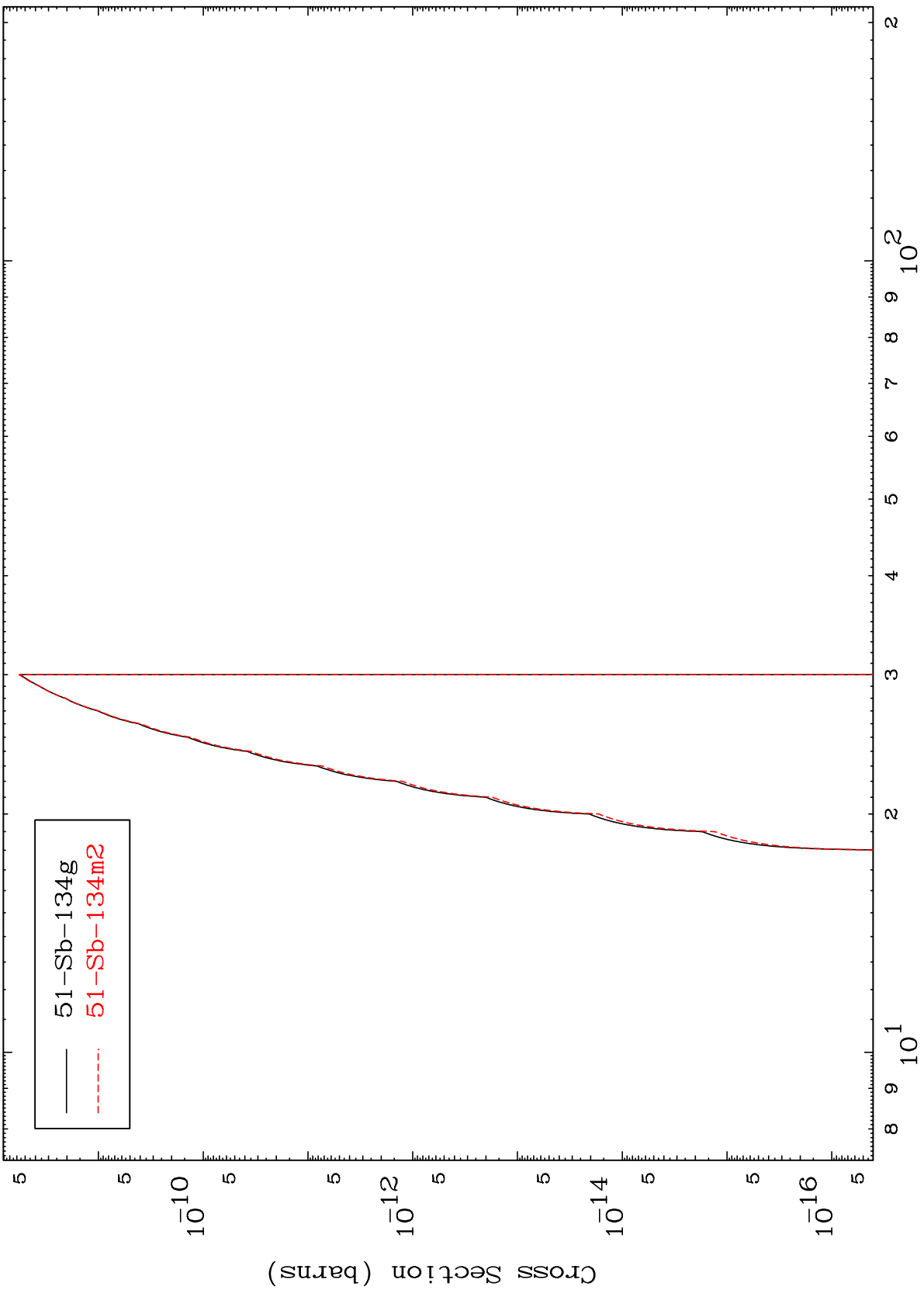


MAT 5467

(n,p) α

54-Xe-138

Radionuclide Production Cross Section



51-Sb-134g
51-Sb-134m2

135

Incident Energy (MeV)

54-Xe-138