

Program EVALPLOT
(Version 2021-1)

by

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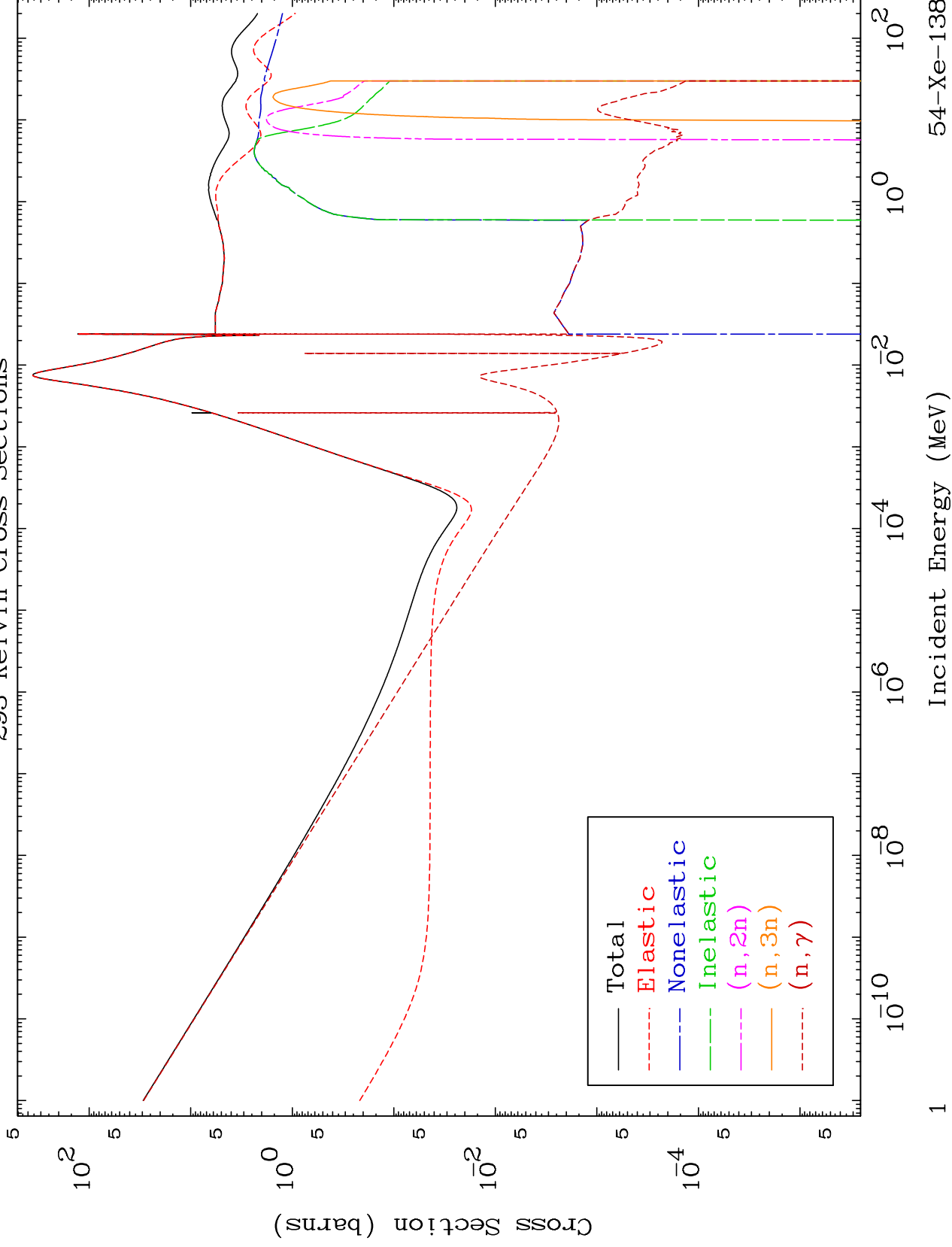
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Press Mouse Button to Start

MAT 5467

Neutron Major
293 Kelvin Cross Sections

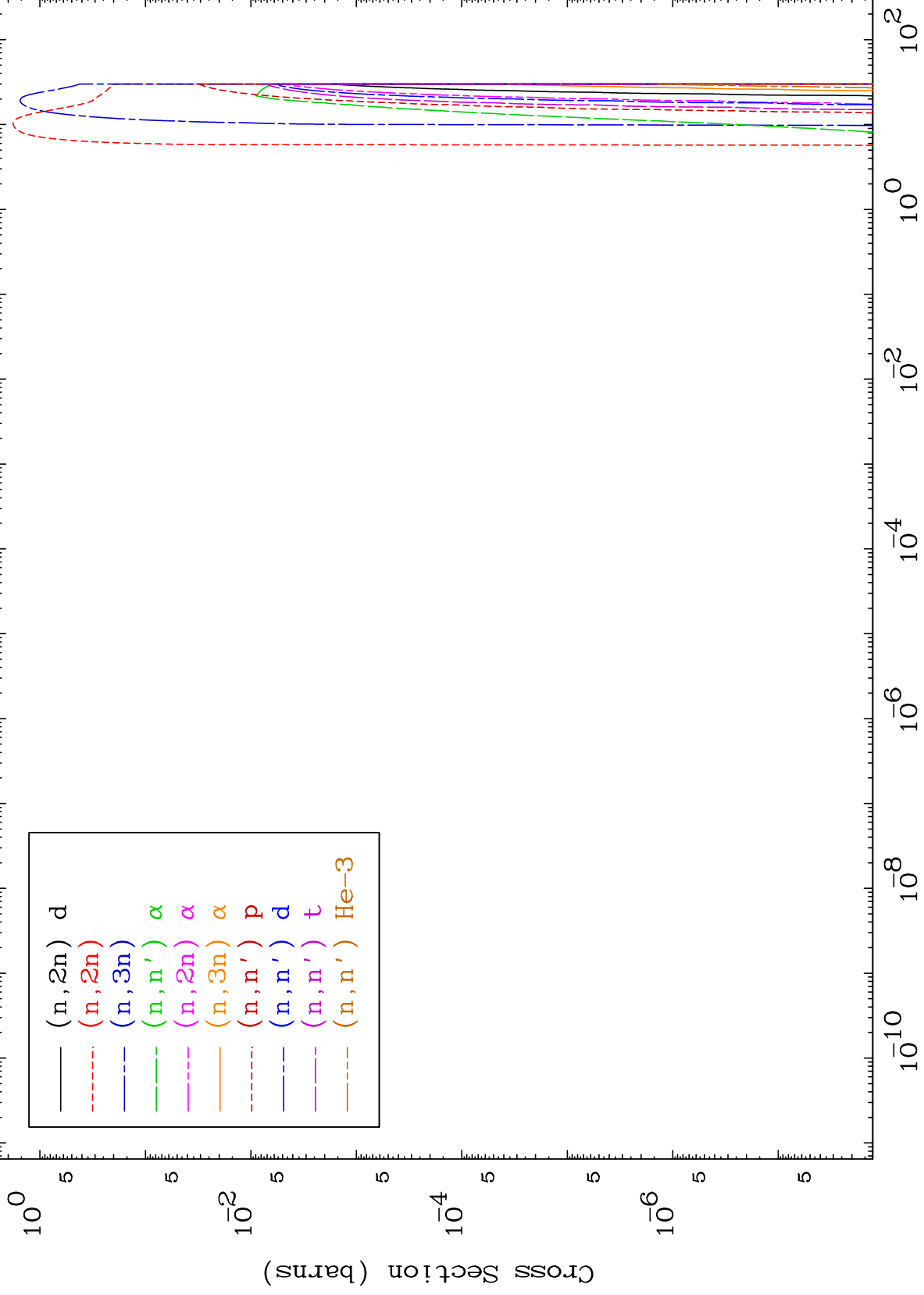
54-Xe-138



MAT 5467

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-138



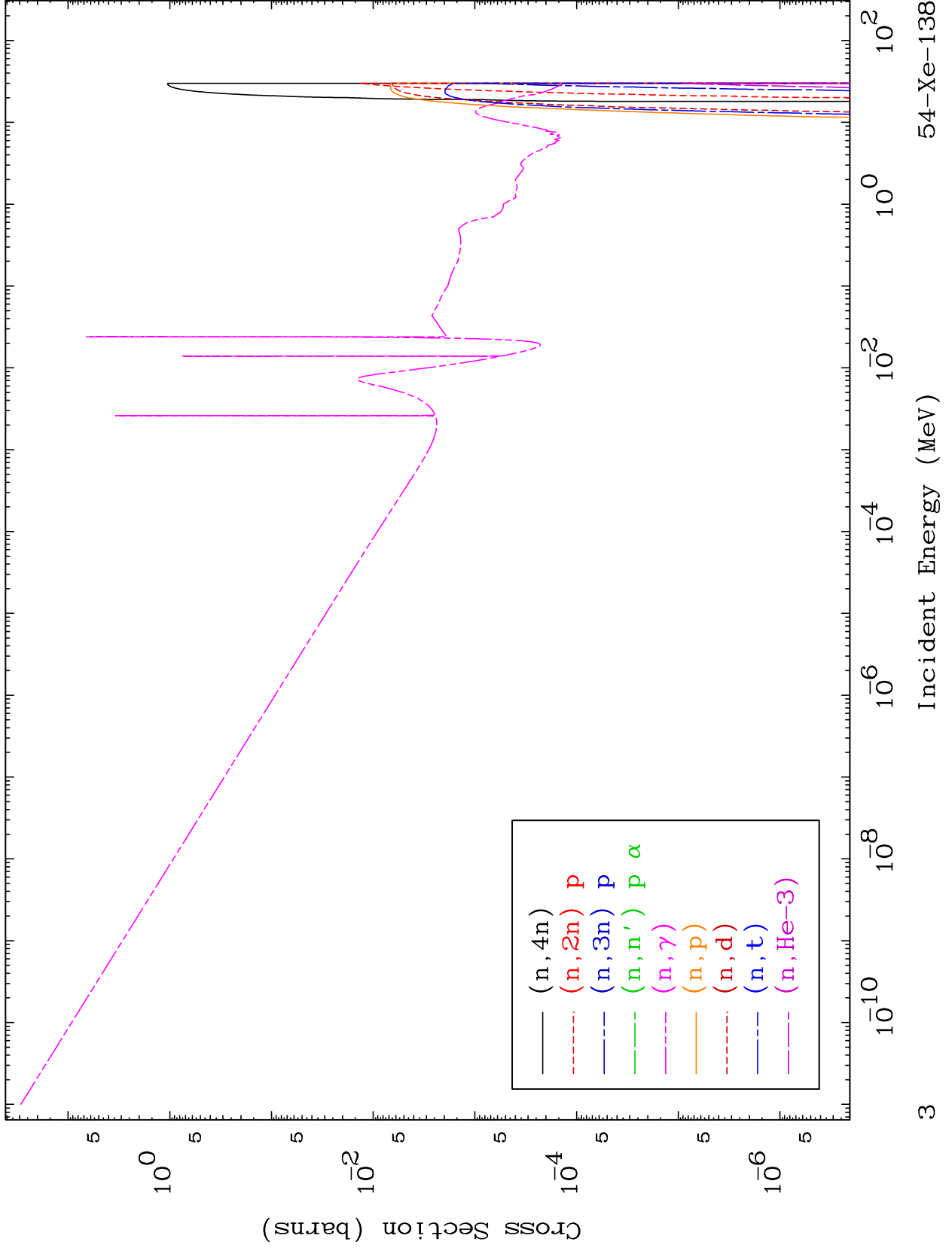
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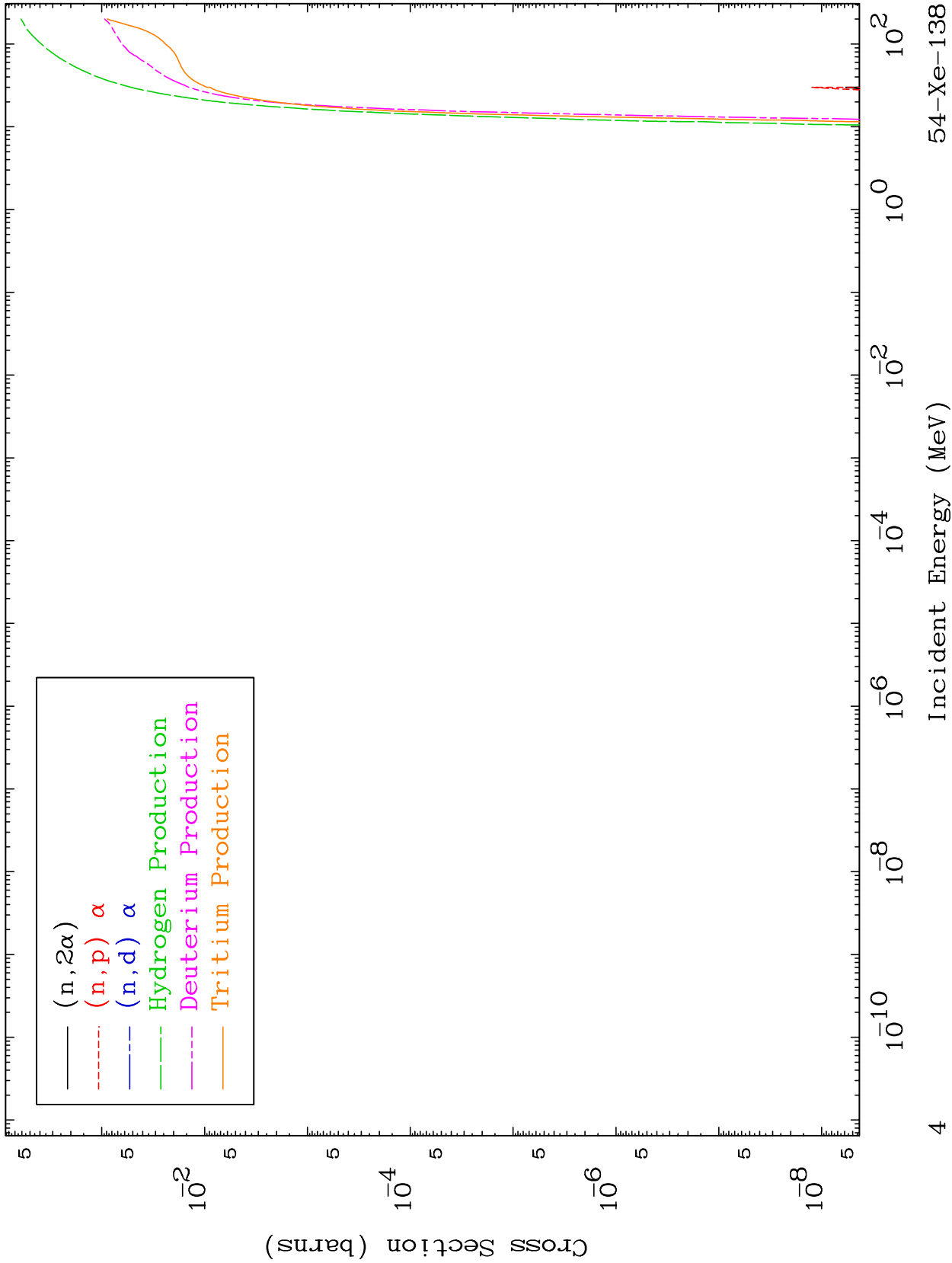
Incident Energy (MeV)

MAT 5467

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-138

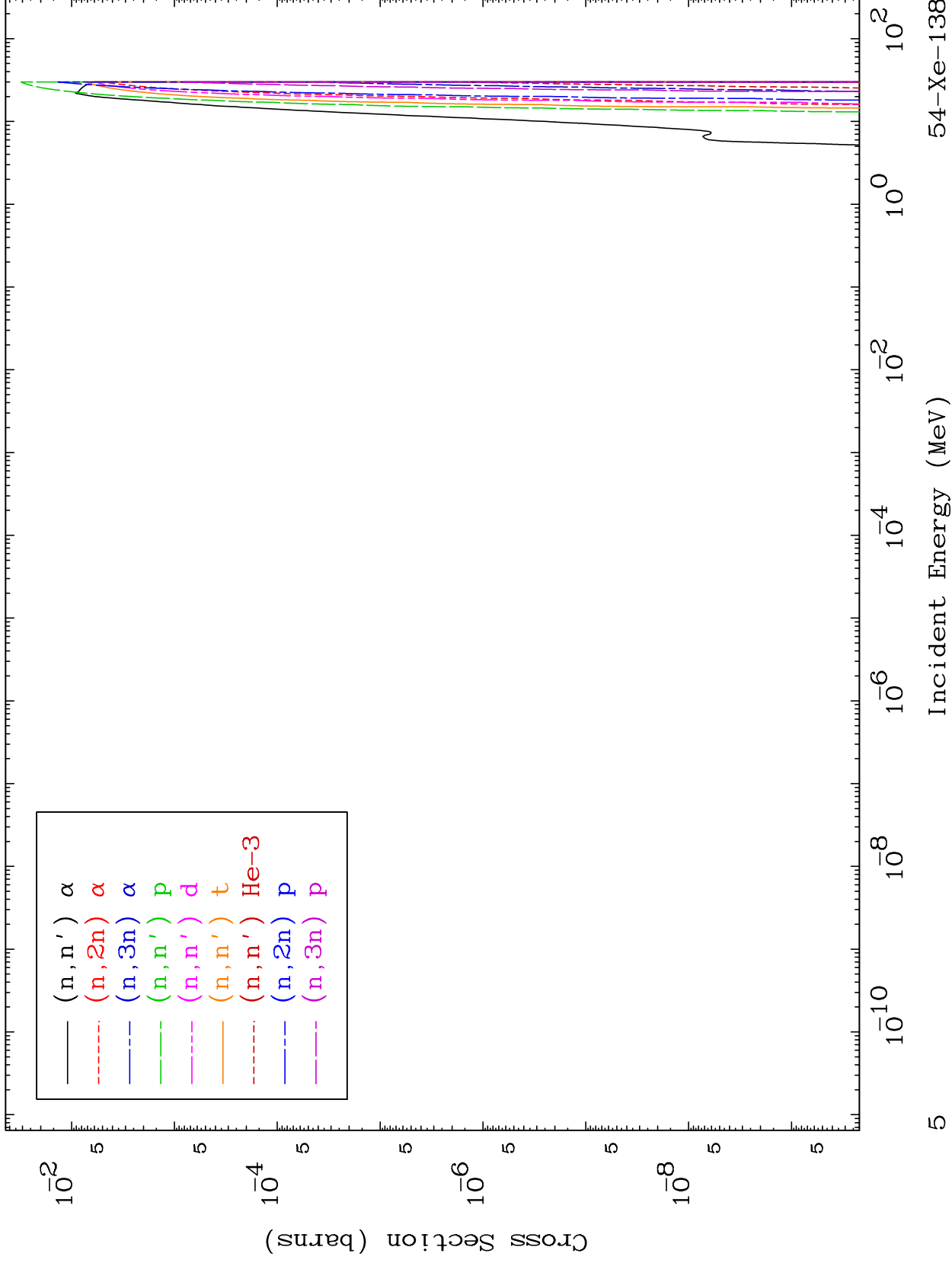




MAT 5467

Charged Particle
293 Kelvin Cross Sections

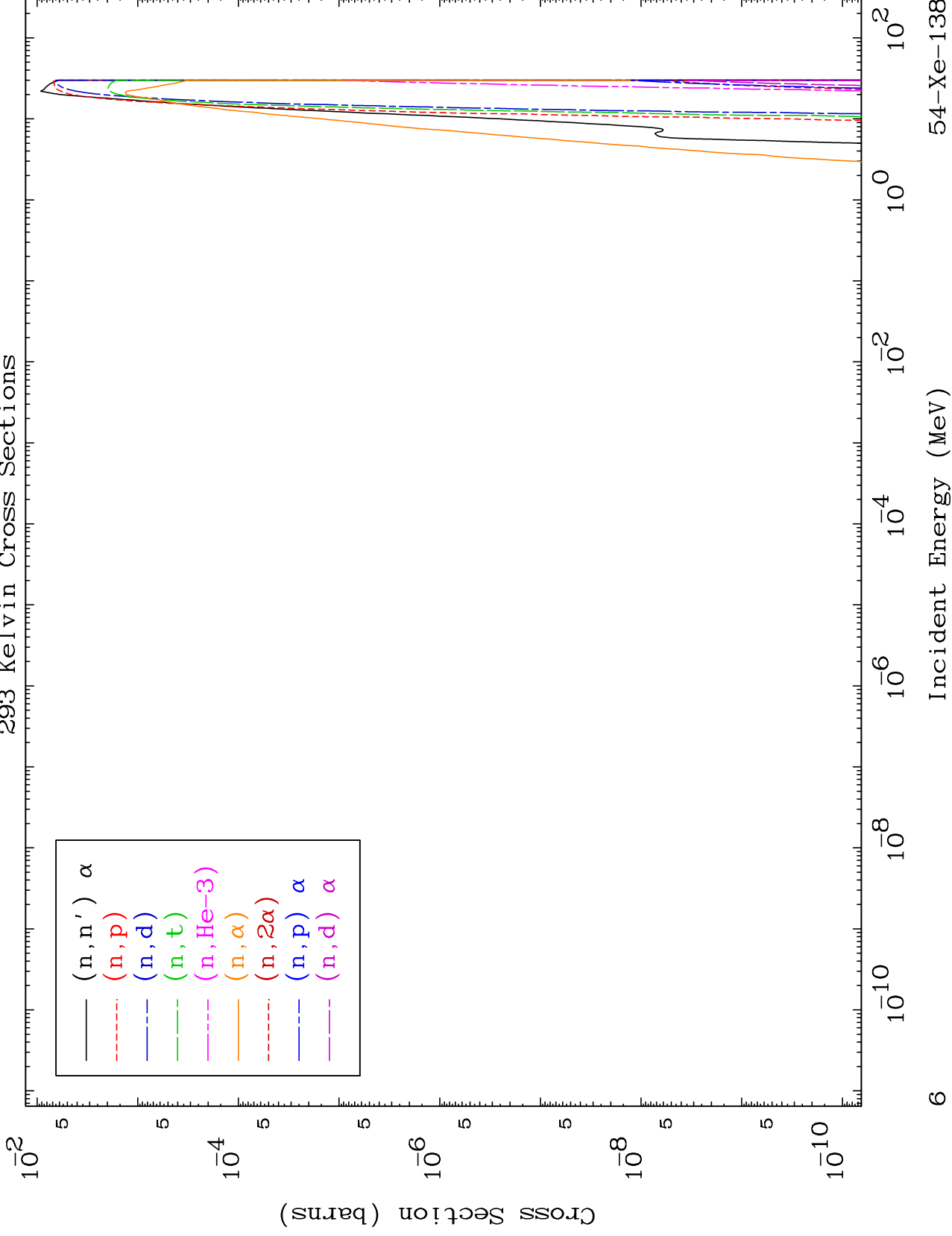
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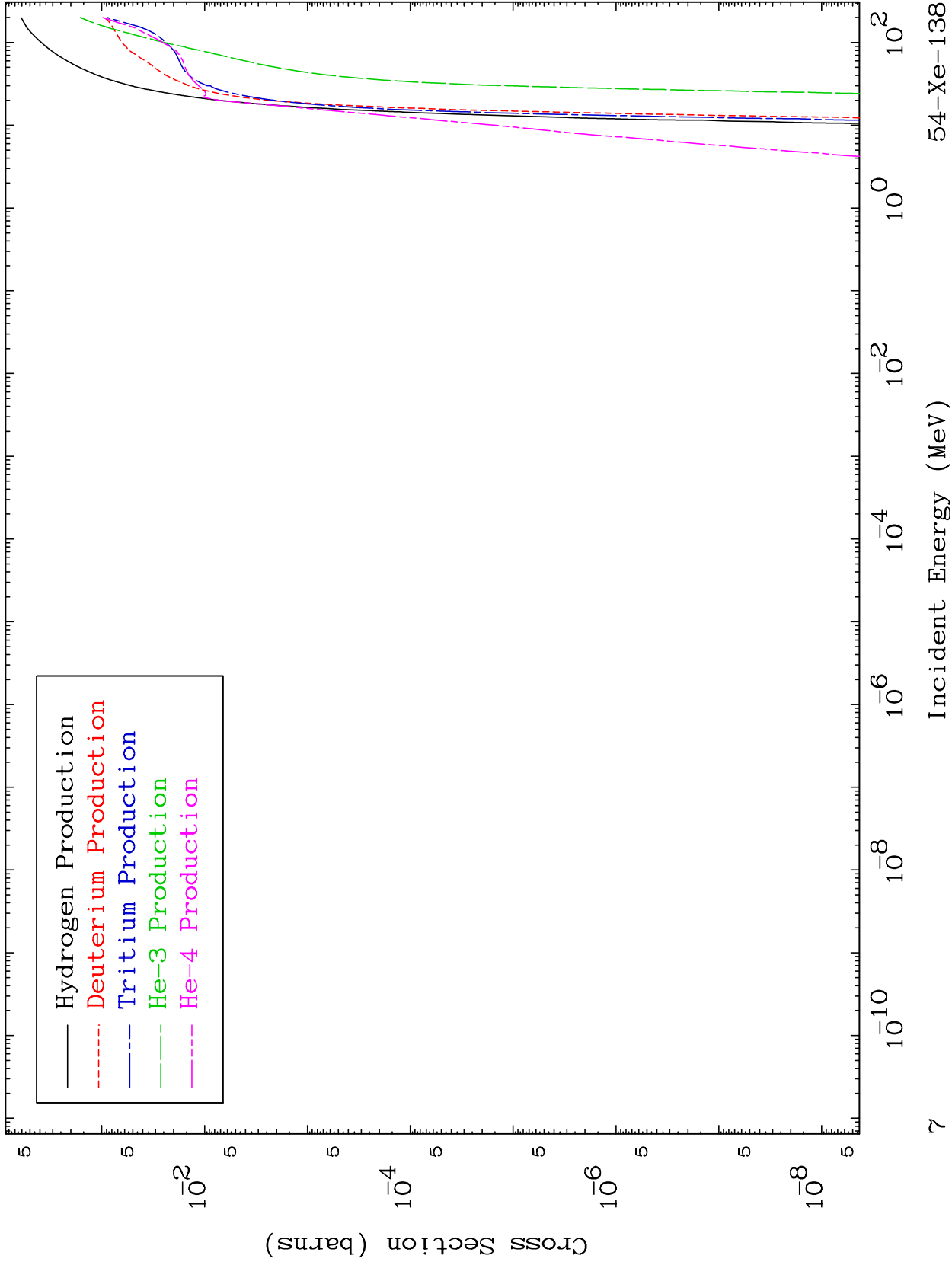


MAT 5467

Charged Particle
293 Kelvin Cross Sections

54-Xe-138



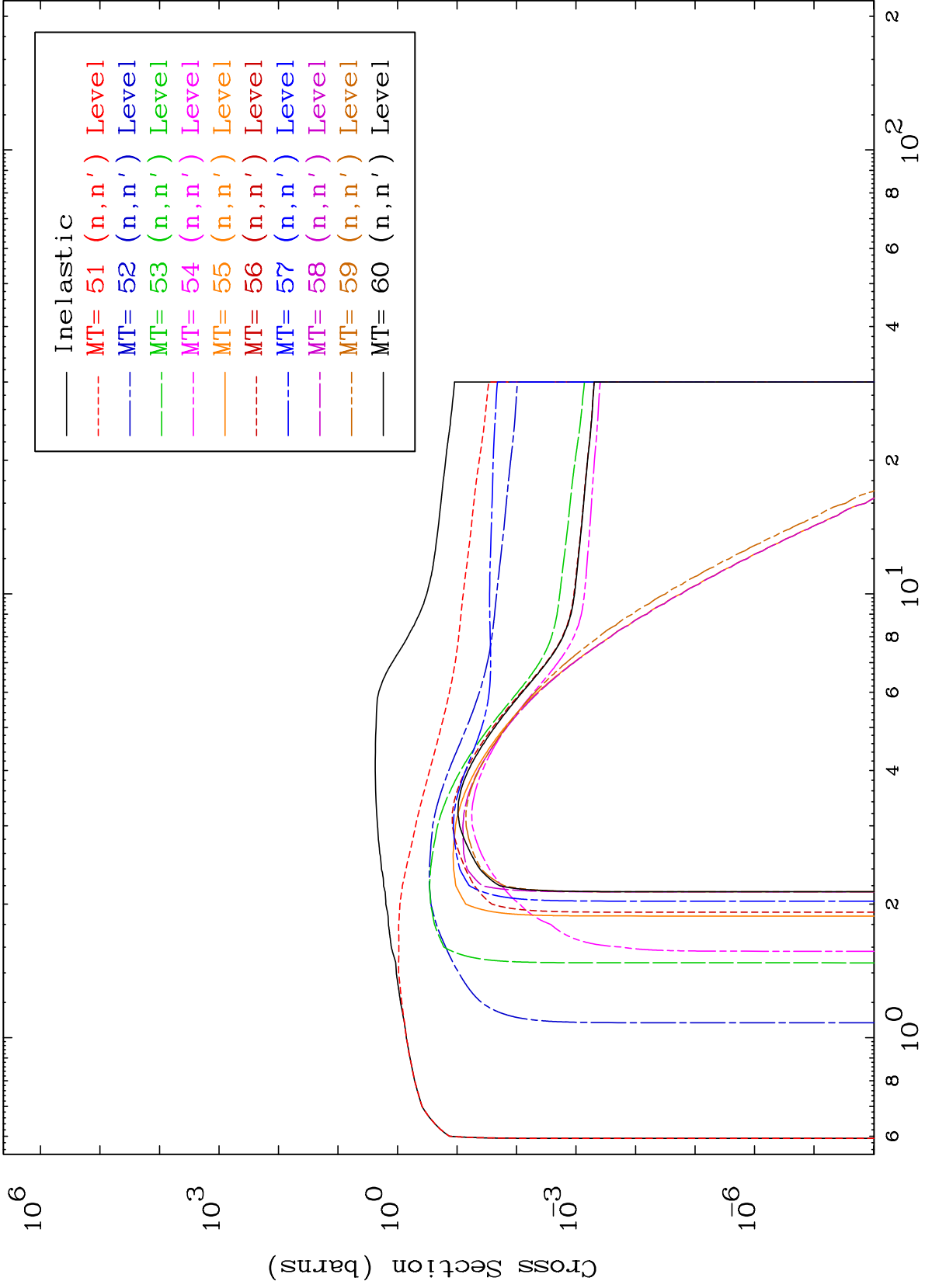


MAT 5467

(n,n') Levels

54-Xe-138

293 Kelvin Cross Sections



8

Incident Energy (MeV)

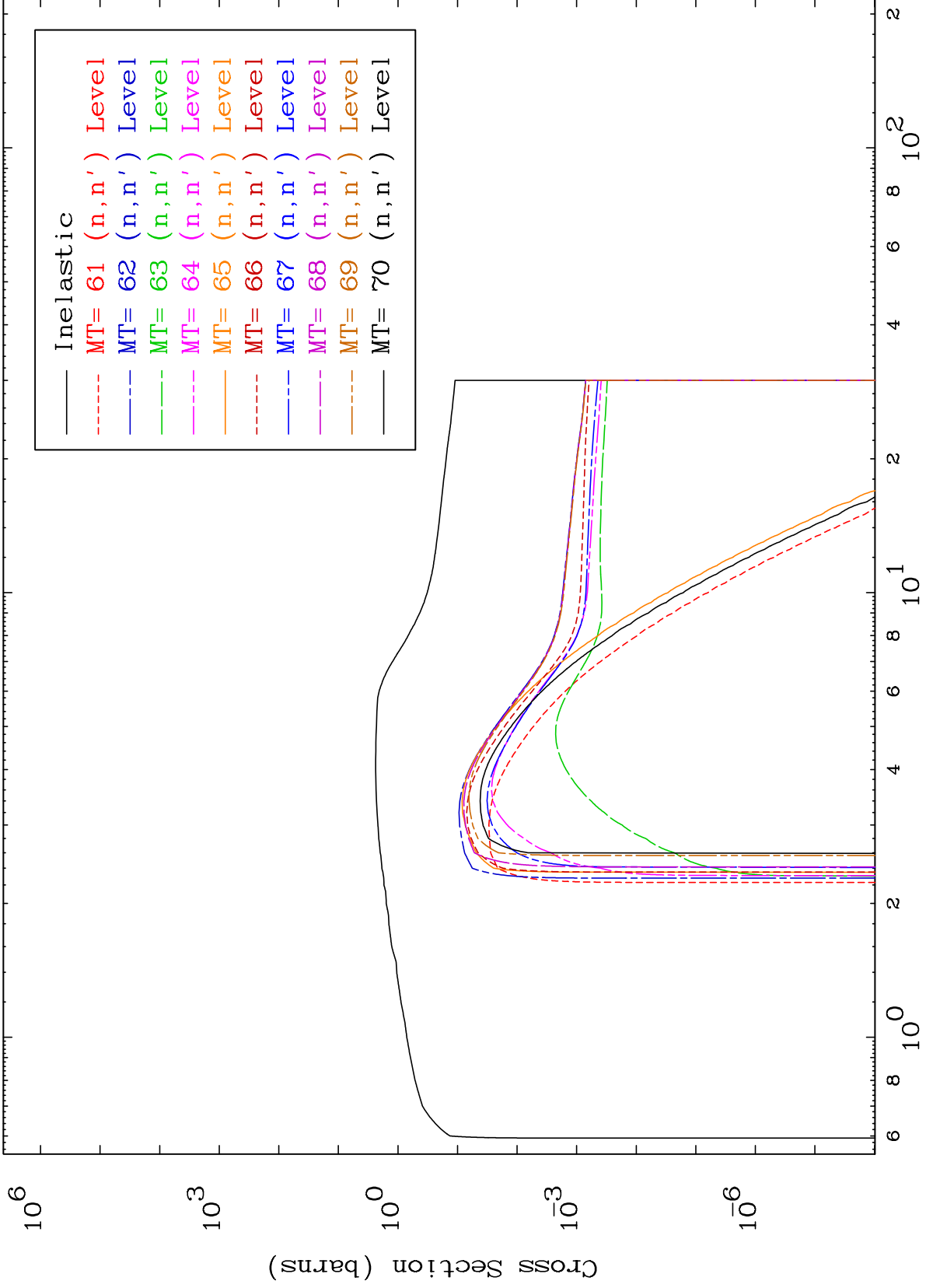
54-Xe-138

MAT 5467

(n,n') Levels

54-Xe-138

293 Kelvin Cross Sections



9

Incident Energy (MeV)

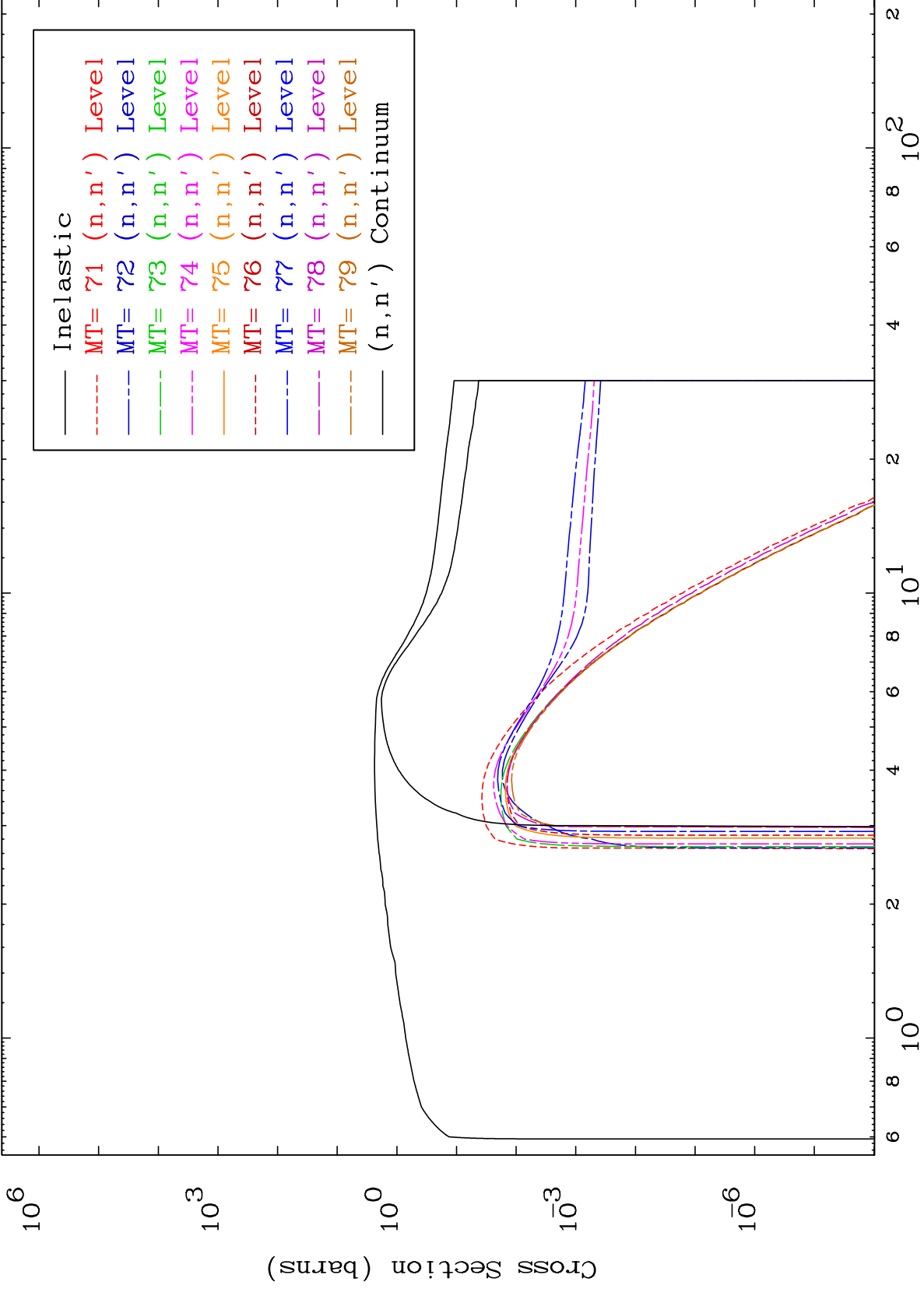
54-Xe-138

MAT 5467

(n,n') Levels

54-Xe-138

293 Kelvin Cross Sections



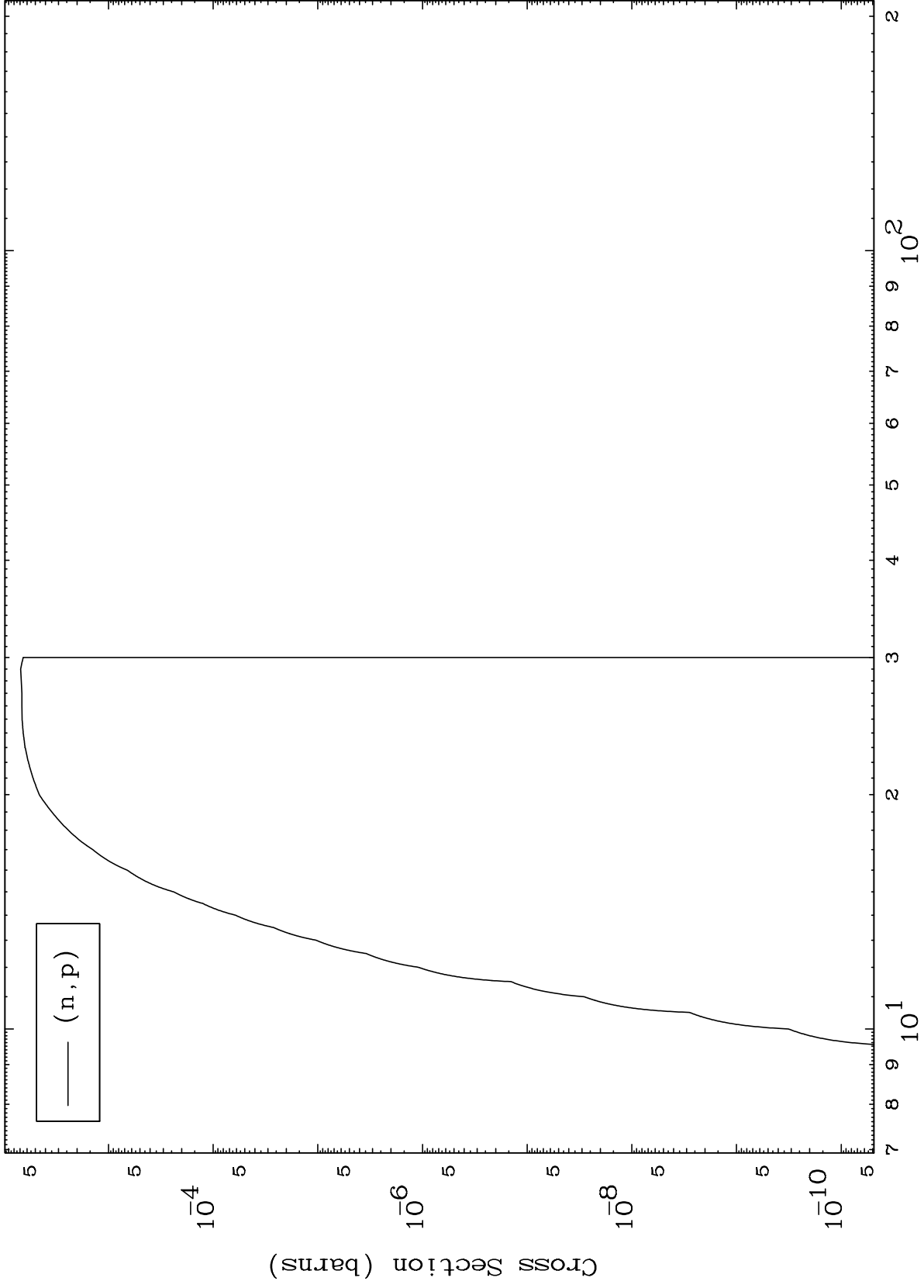
Incident Energy (MeV)

54-Xe-138

MAT 5467

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-138



11

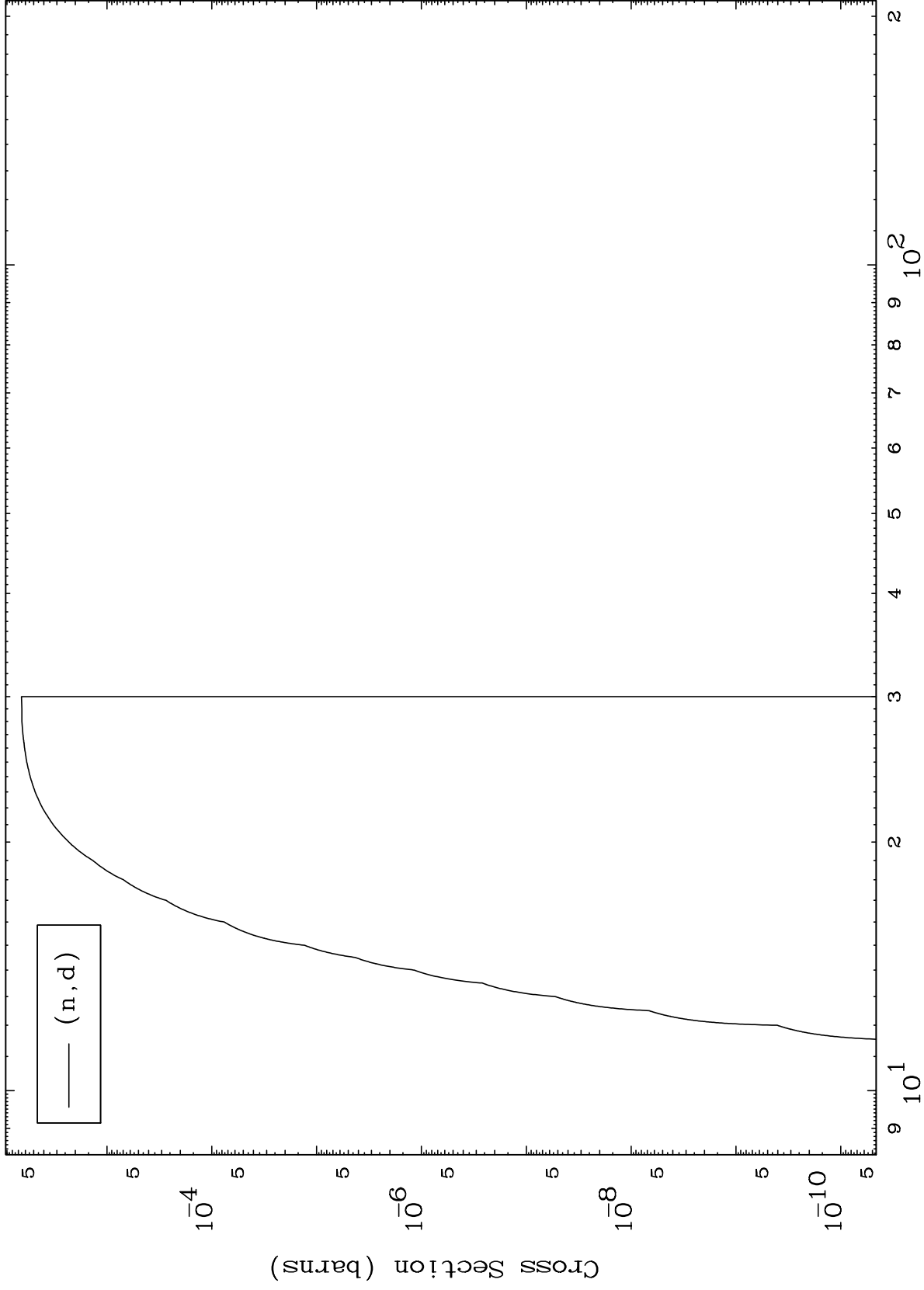
Incident Energy (MeV)

54-Xe-138

MAT 5467

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-138



12

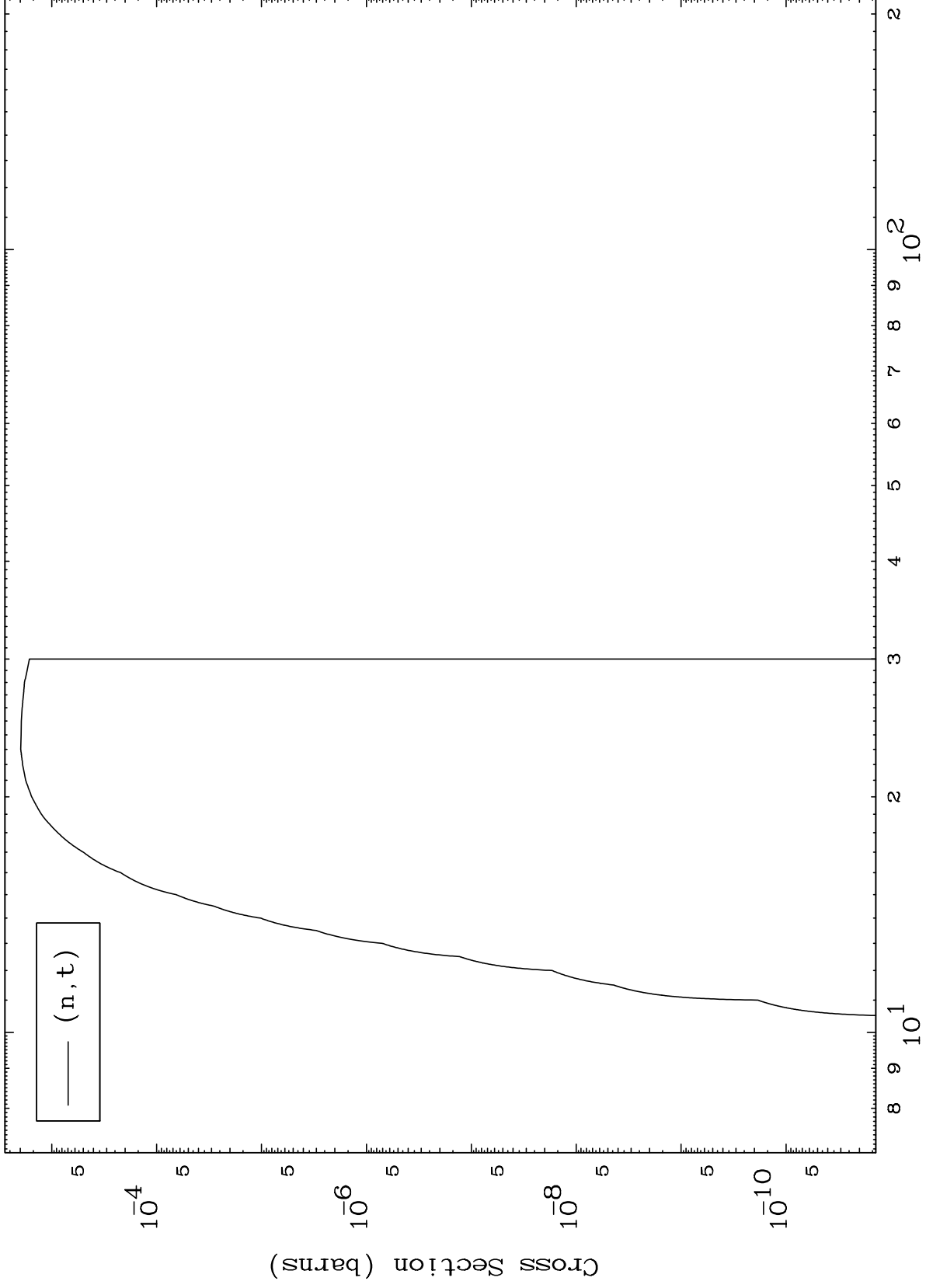
Incident Energy (MeV)

54-Xe-138

MAT 5467

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-138



13

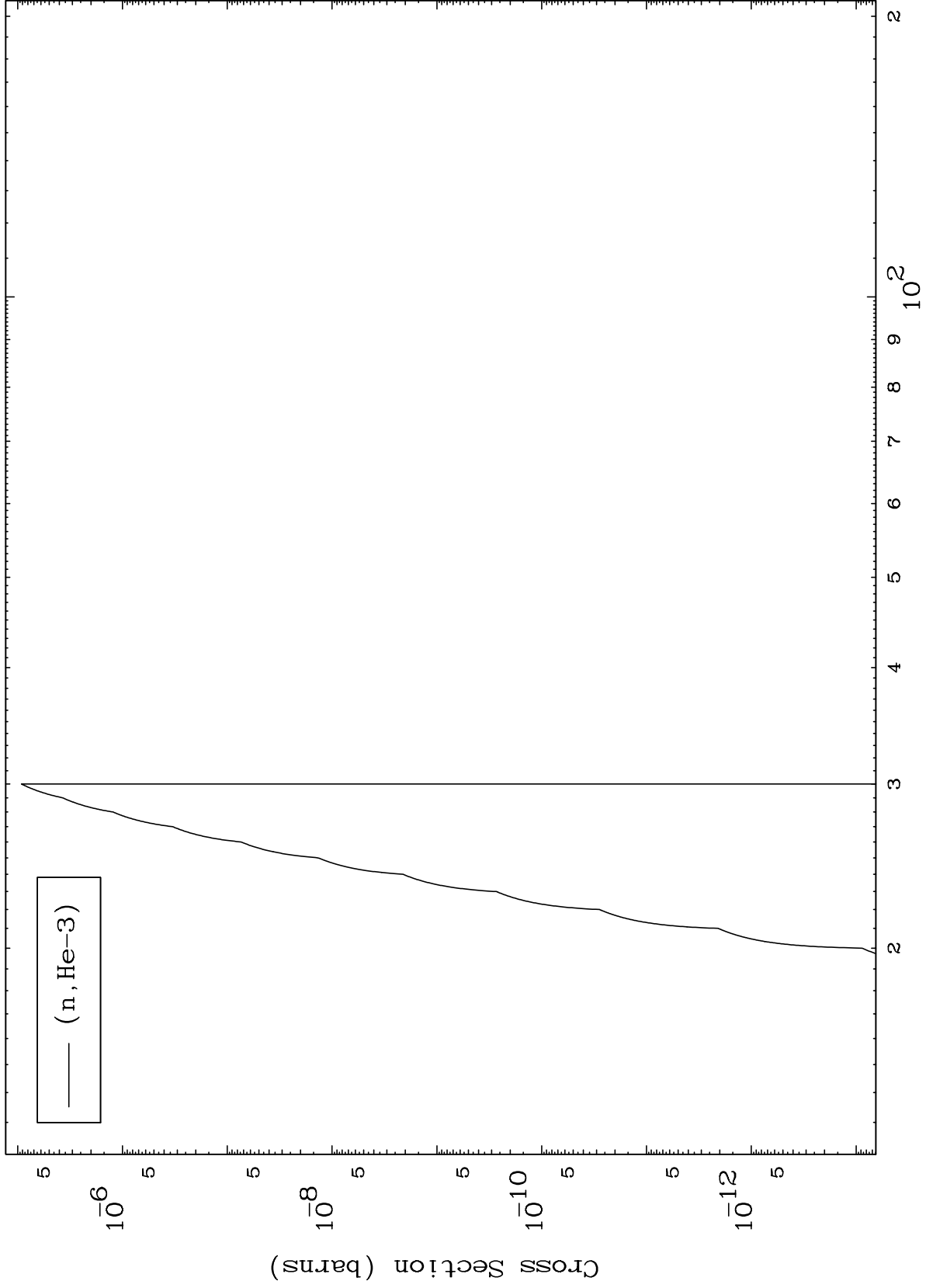
Incident Energy (MeV)

54-Xe-138

MAT 5467

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-138



14

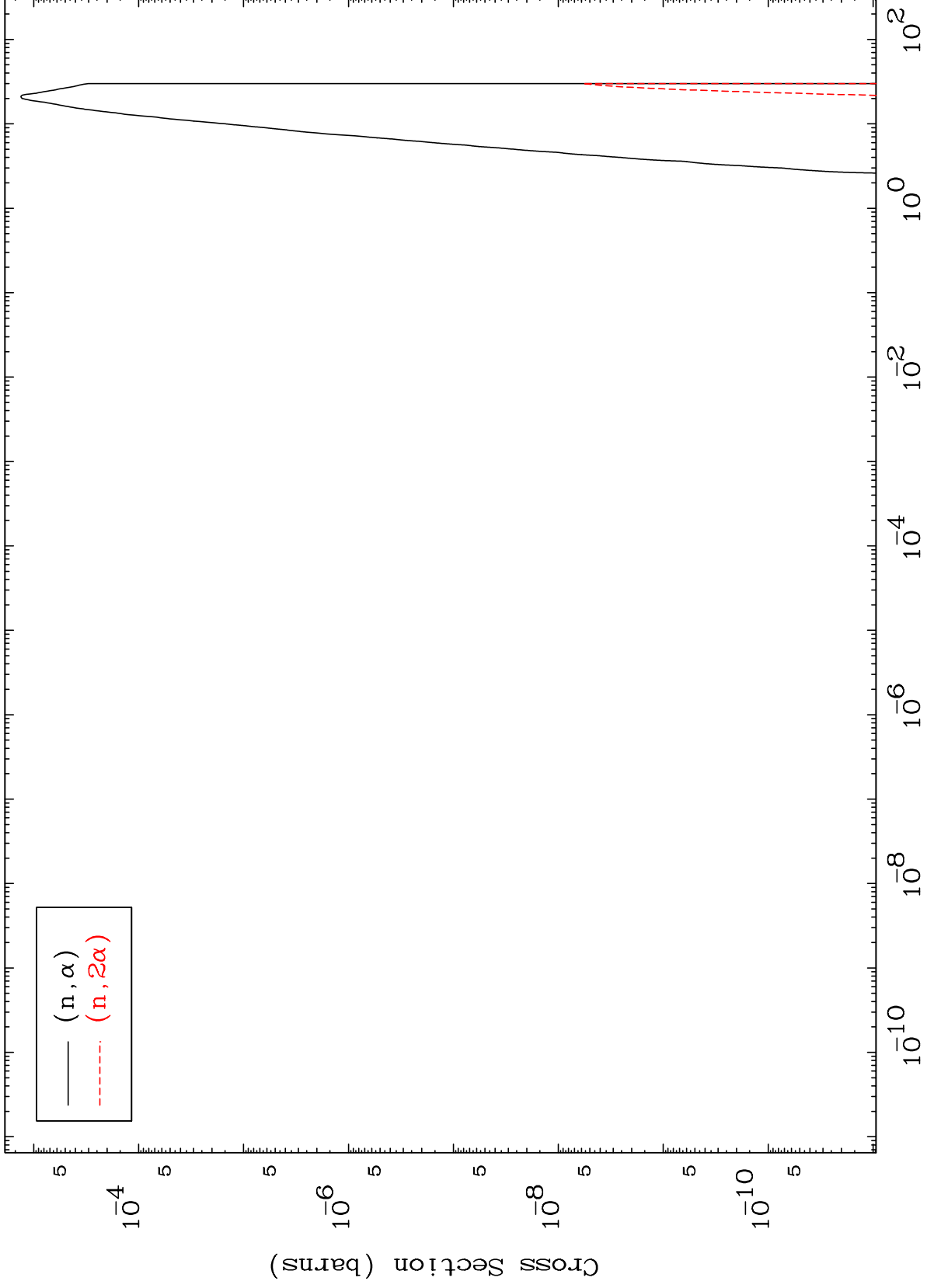
Incident Energy (MeV)

54-Xe-138

MAT 5467

(n, α) Levels
293 Kelvin Cross Sections

54-Xe-138



15

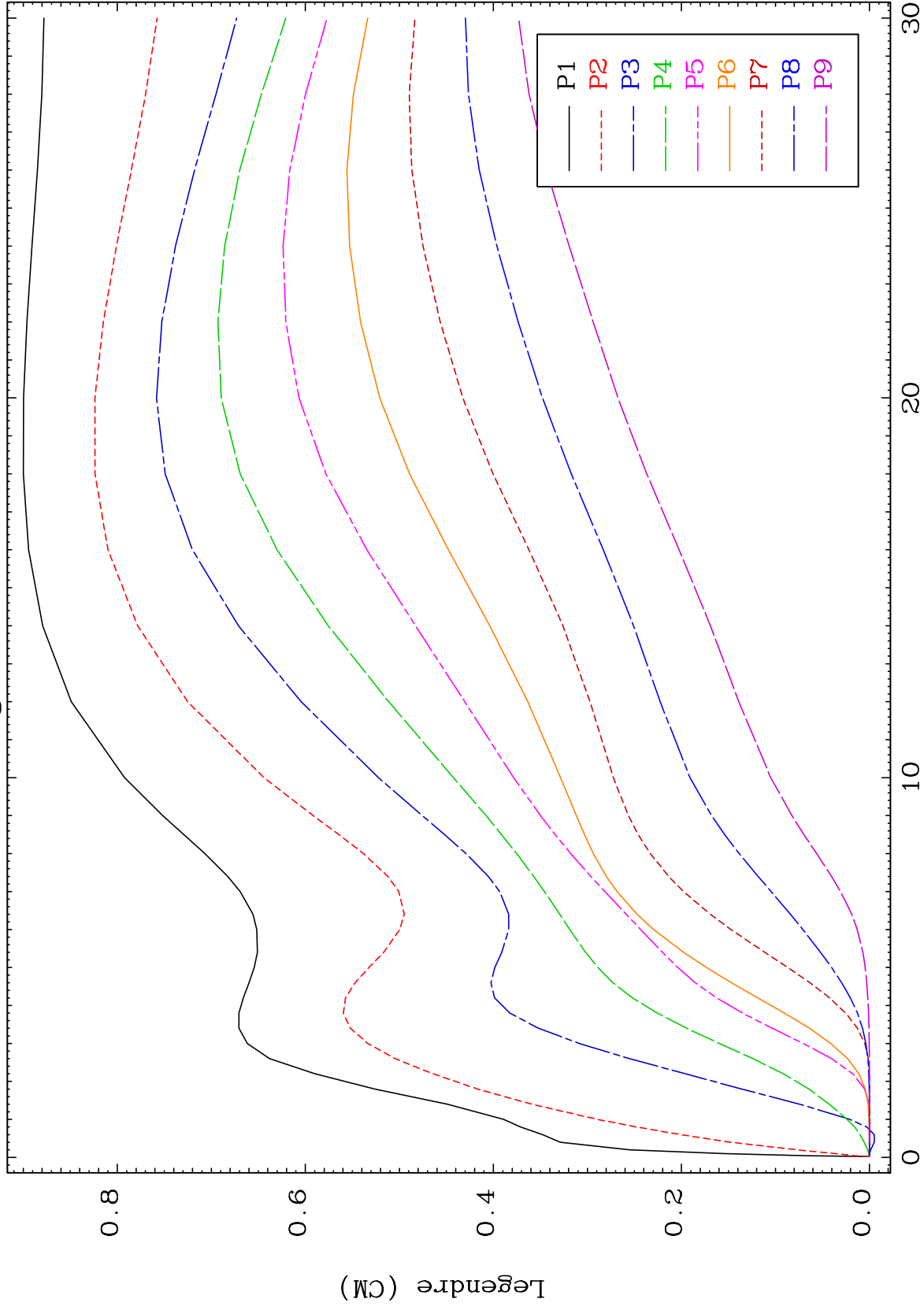
Incident Energy (MeV)

54-Xe-138

MAT 5467

Elastic Legendre Coefficients

54-Xe-138



16

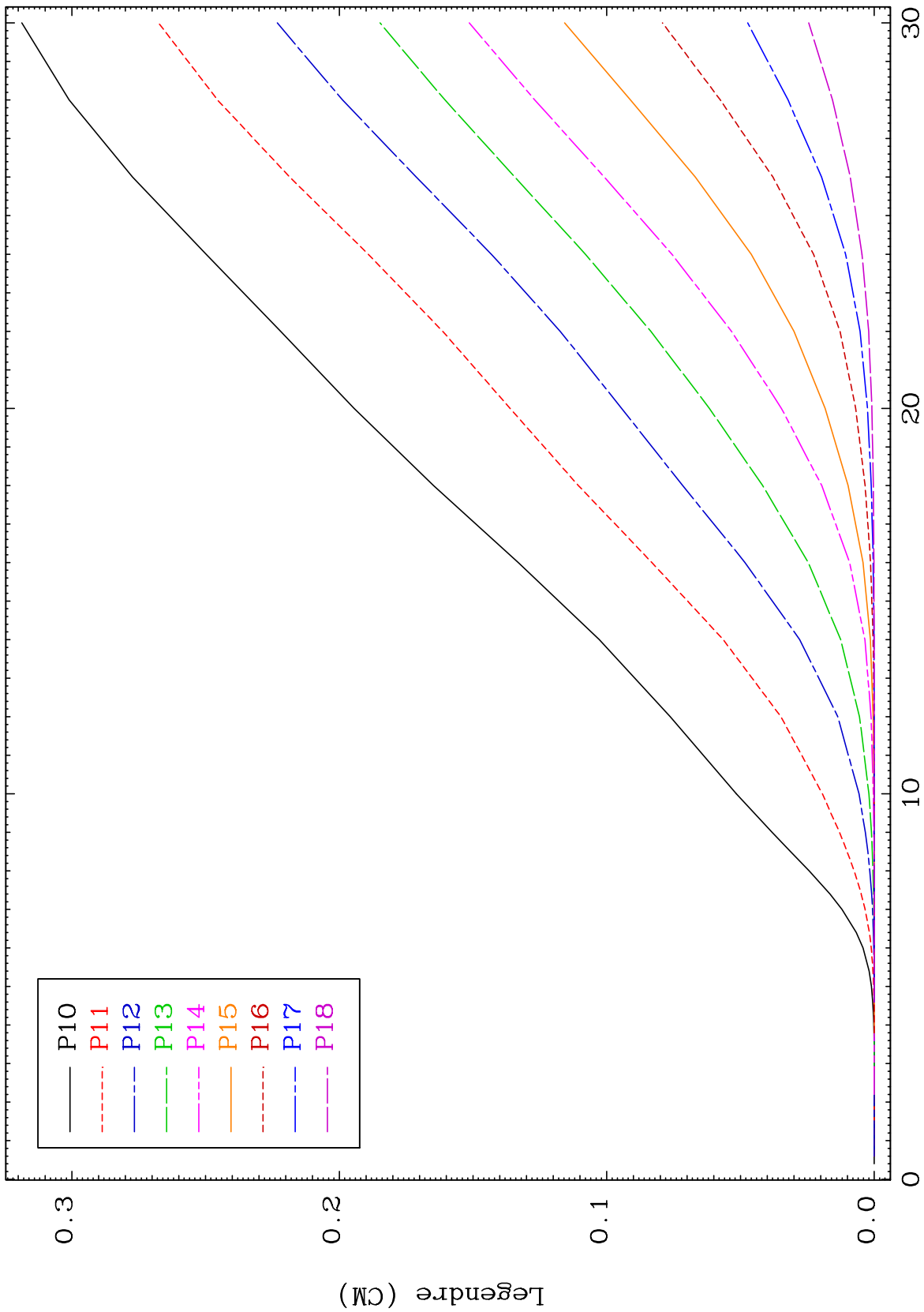
Incident Energy (MeV)

54-Xe-138

MAT 5467

Elastic Legendre Coefficients

54-Xe-138



17

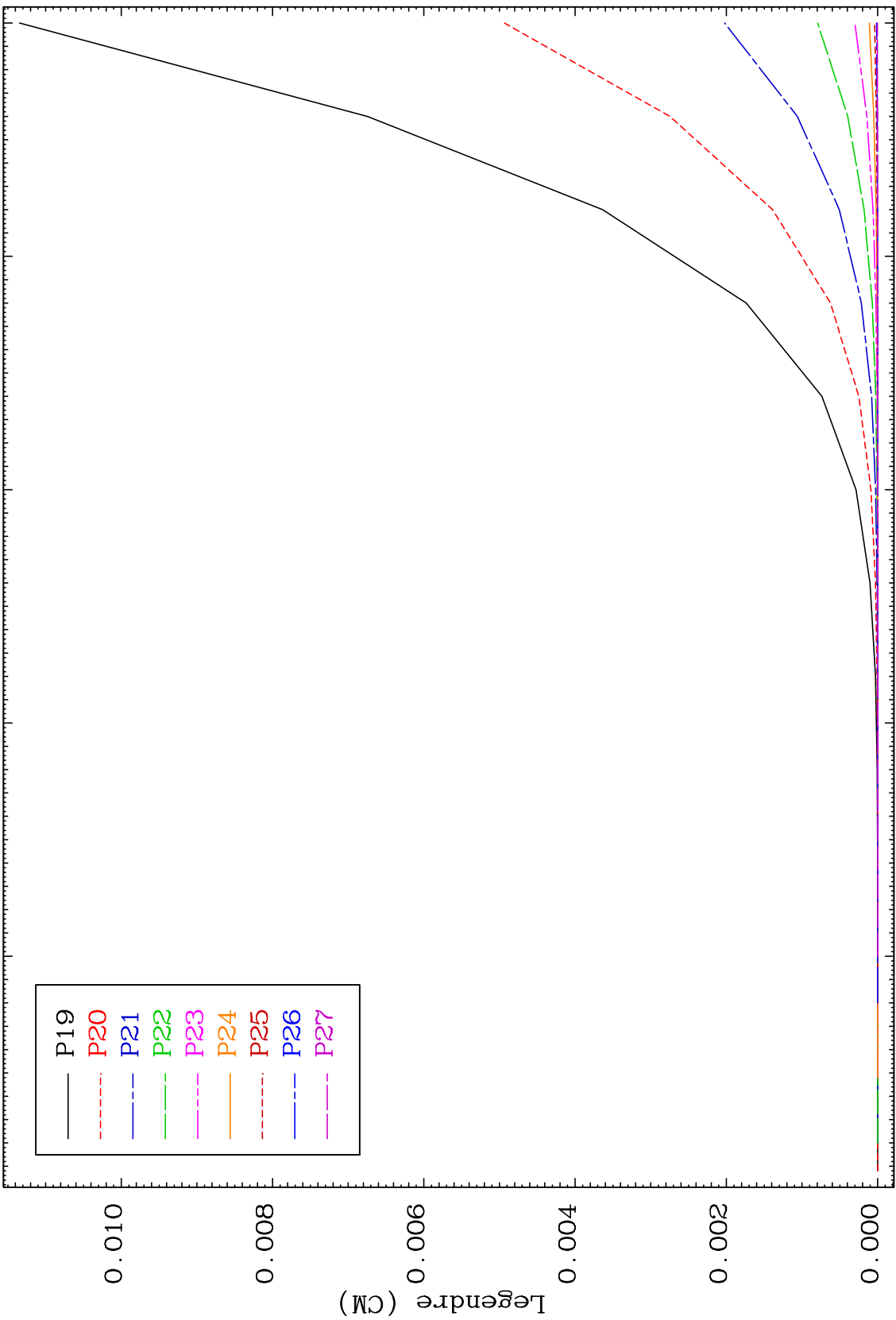
Incident Energy (MeV)

54-Xe-138

MAT 5467

Elastic Legendre Coefficients

54-Xe-138



18

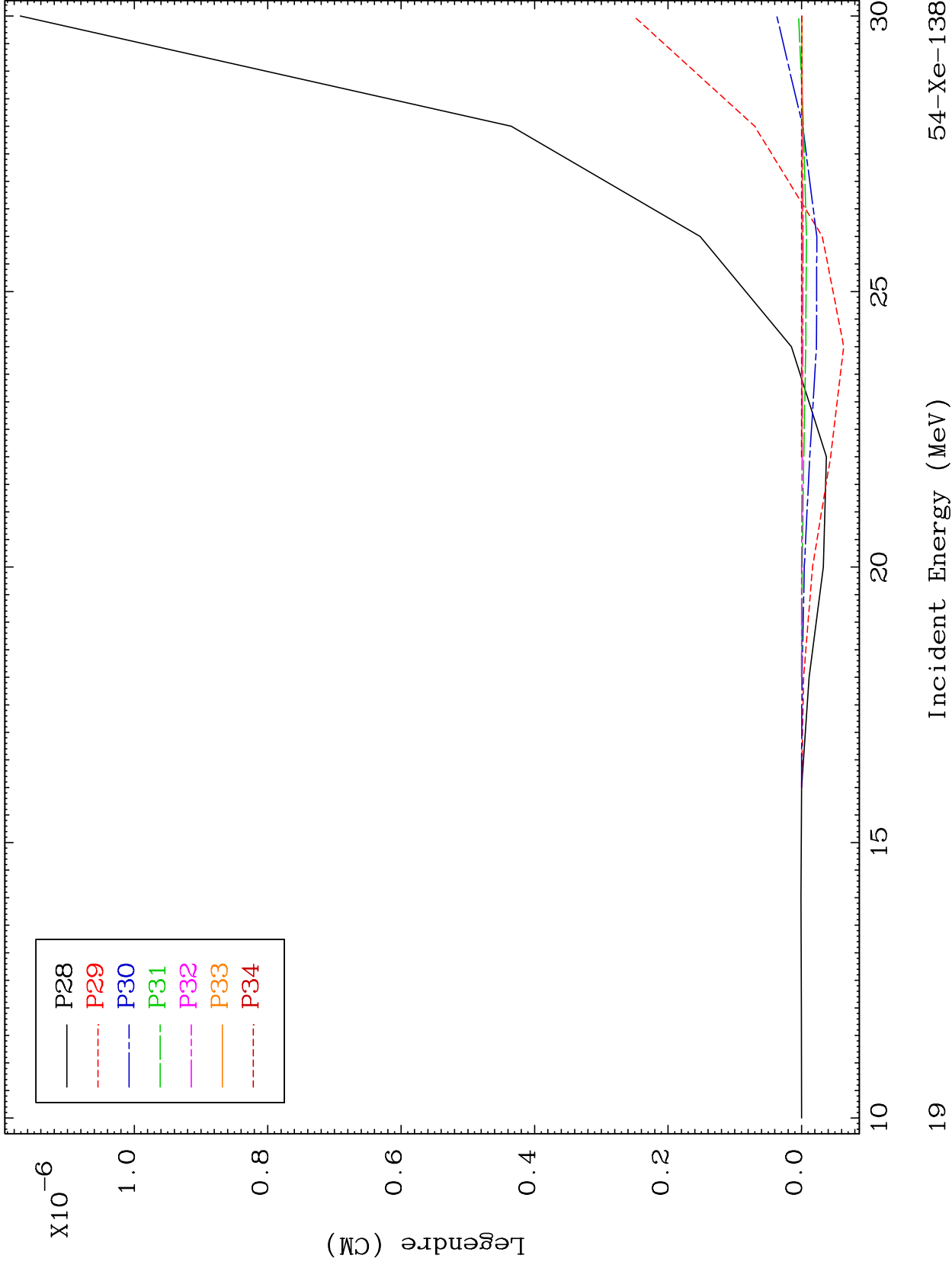
Incident Energy (MeV)

54-Xe-138

MAT 5467

Elastic Legendre Coefficients

54-Xe-138



19

Incident Energy (MeV)

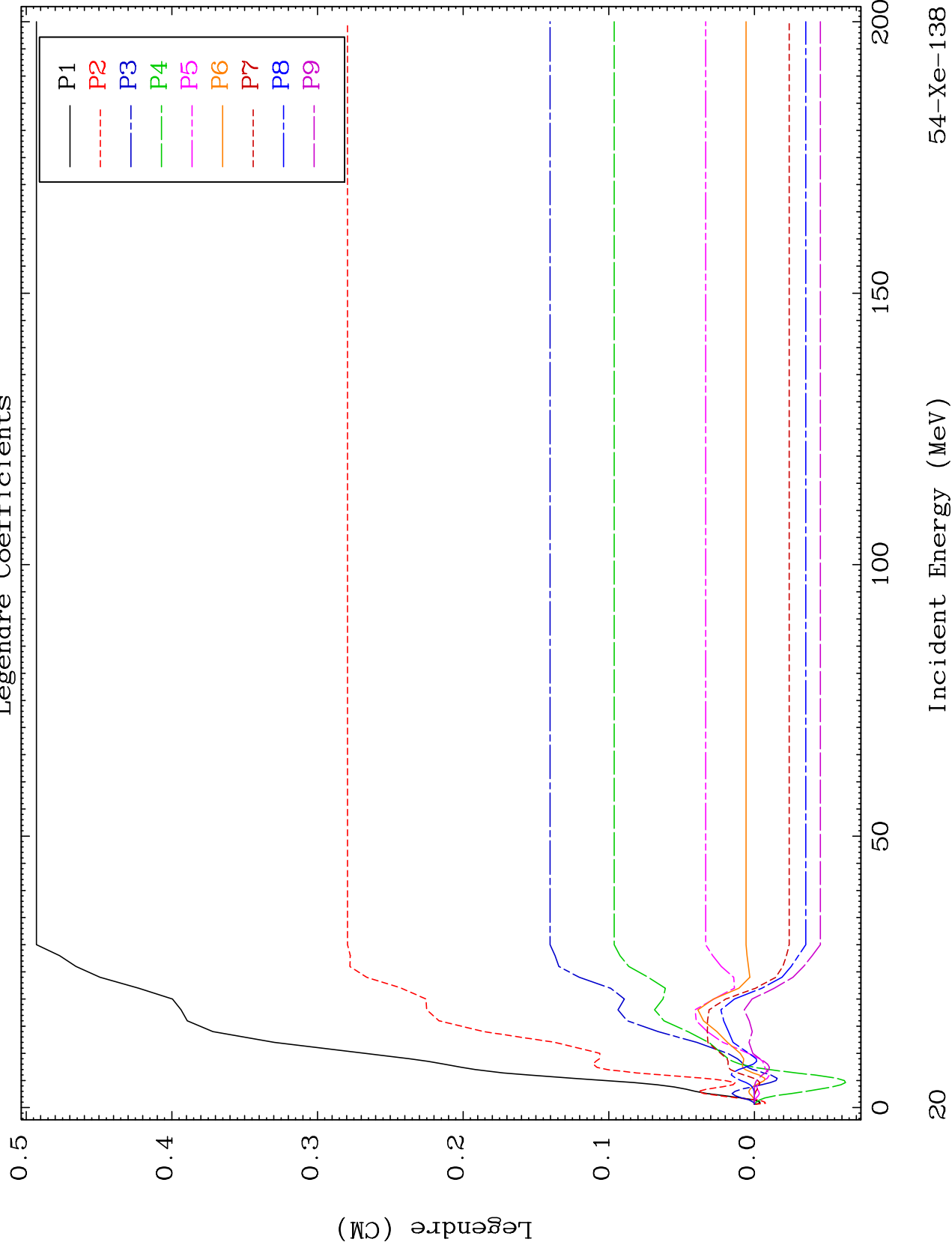
54-Xe-138

MAT 5467

MT= 51 (n,n') Level

54-Xe-138

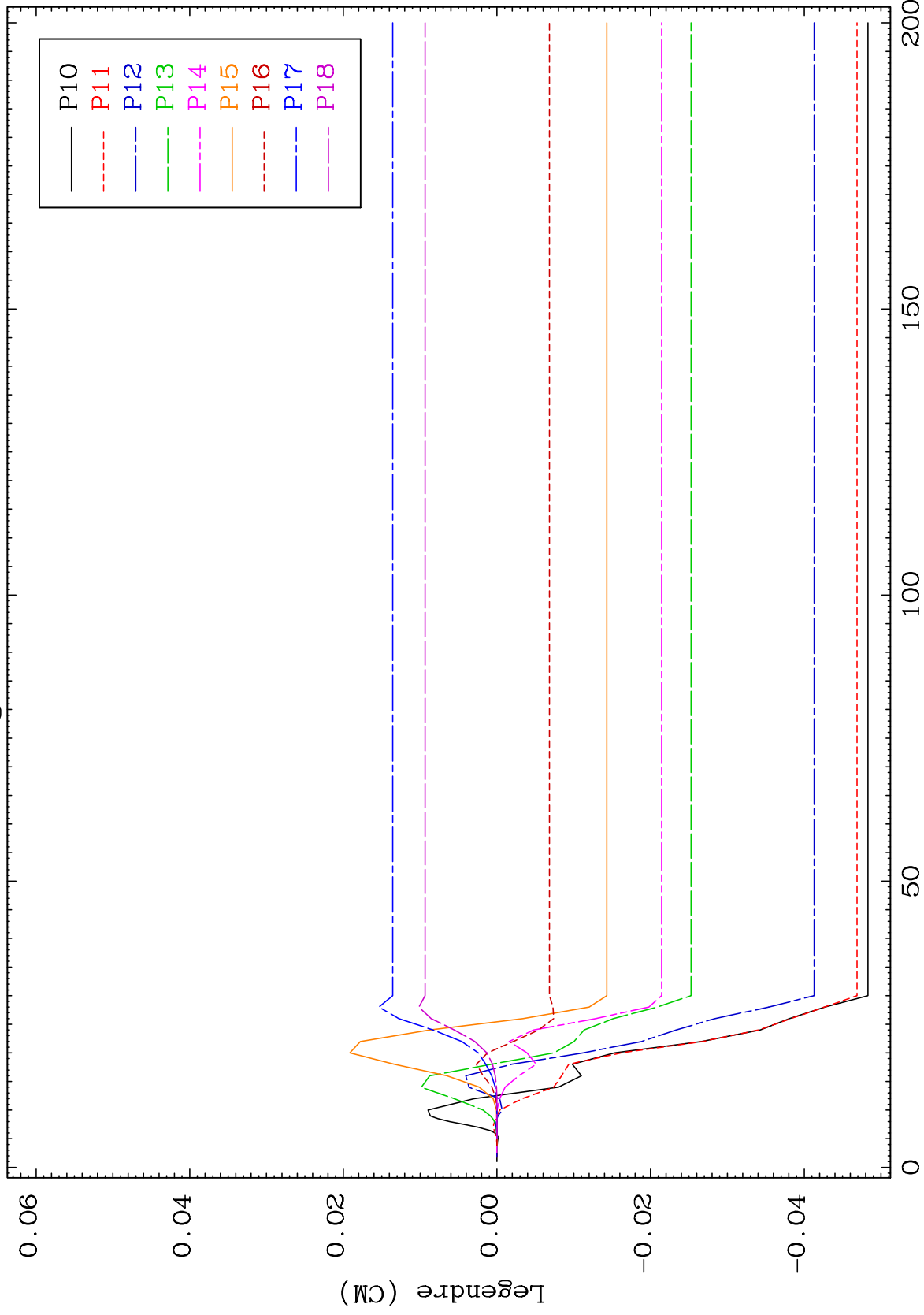
Legendre Coefficients



MAT 5467

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

54-Xe-138



21

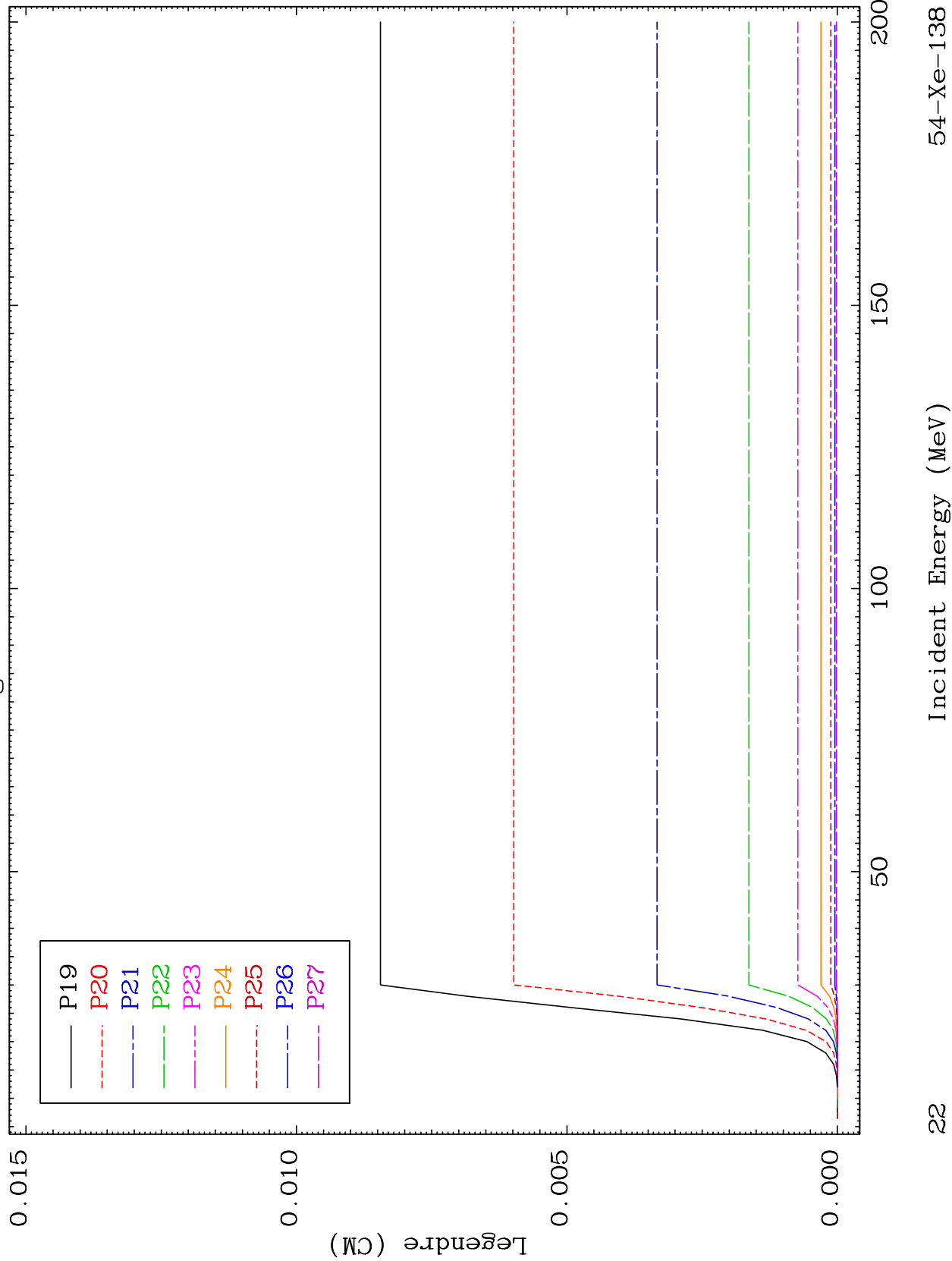
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



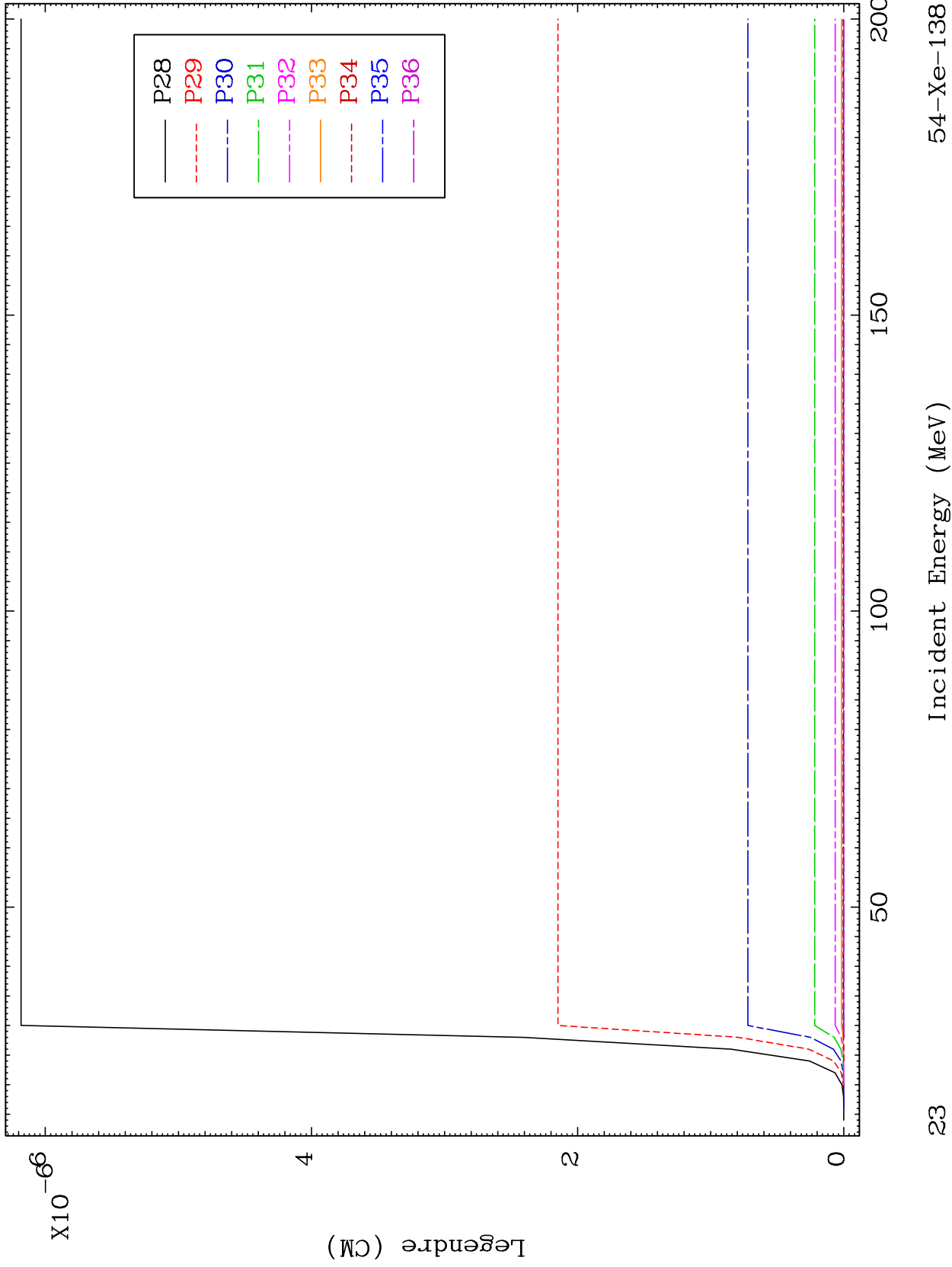
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54-Xe-138

MAT 5467

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

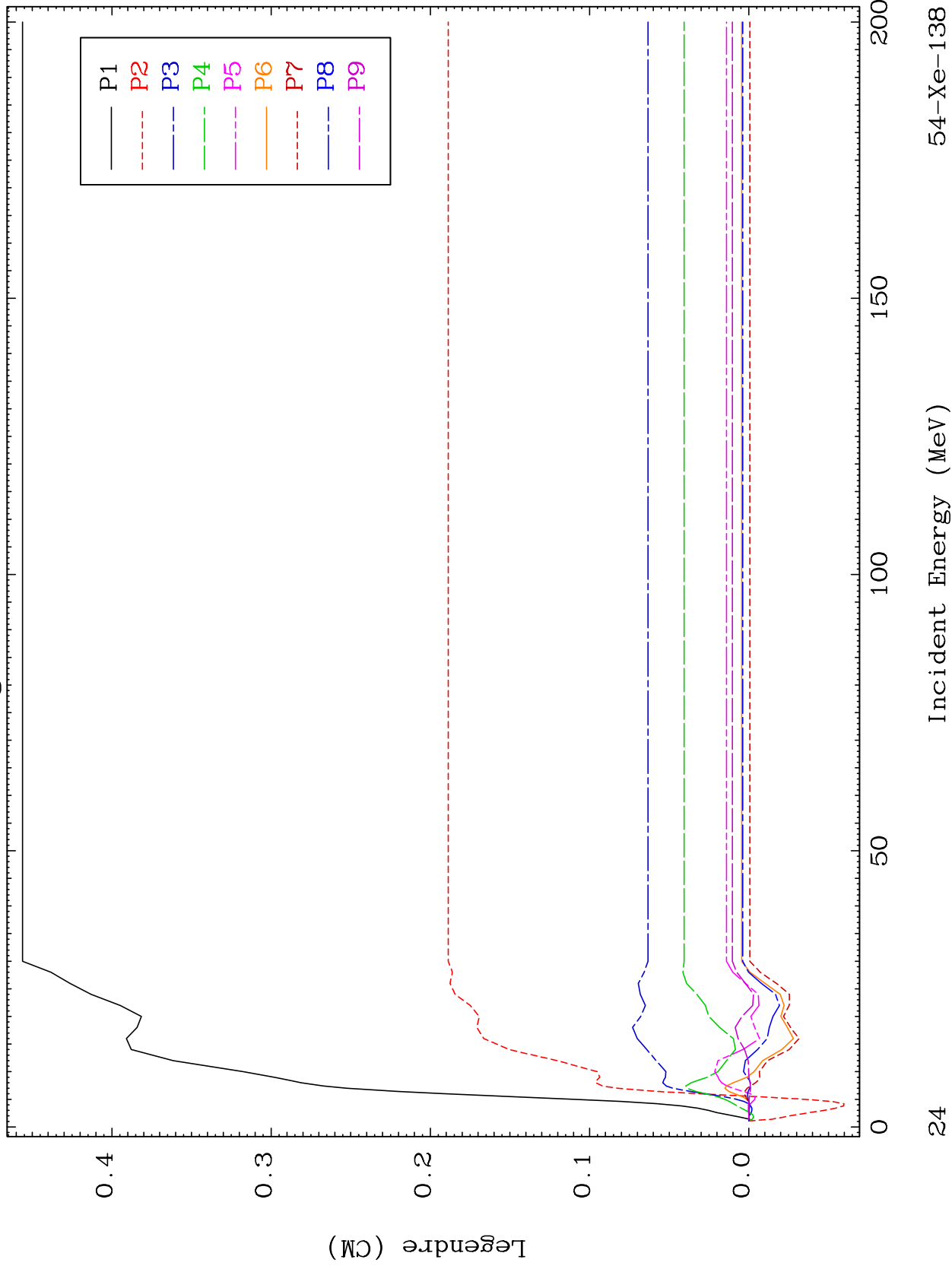
54-Xe-138



MAT 5467

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

54-Xe-138



54-Xe-138

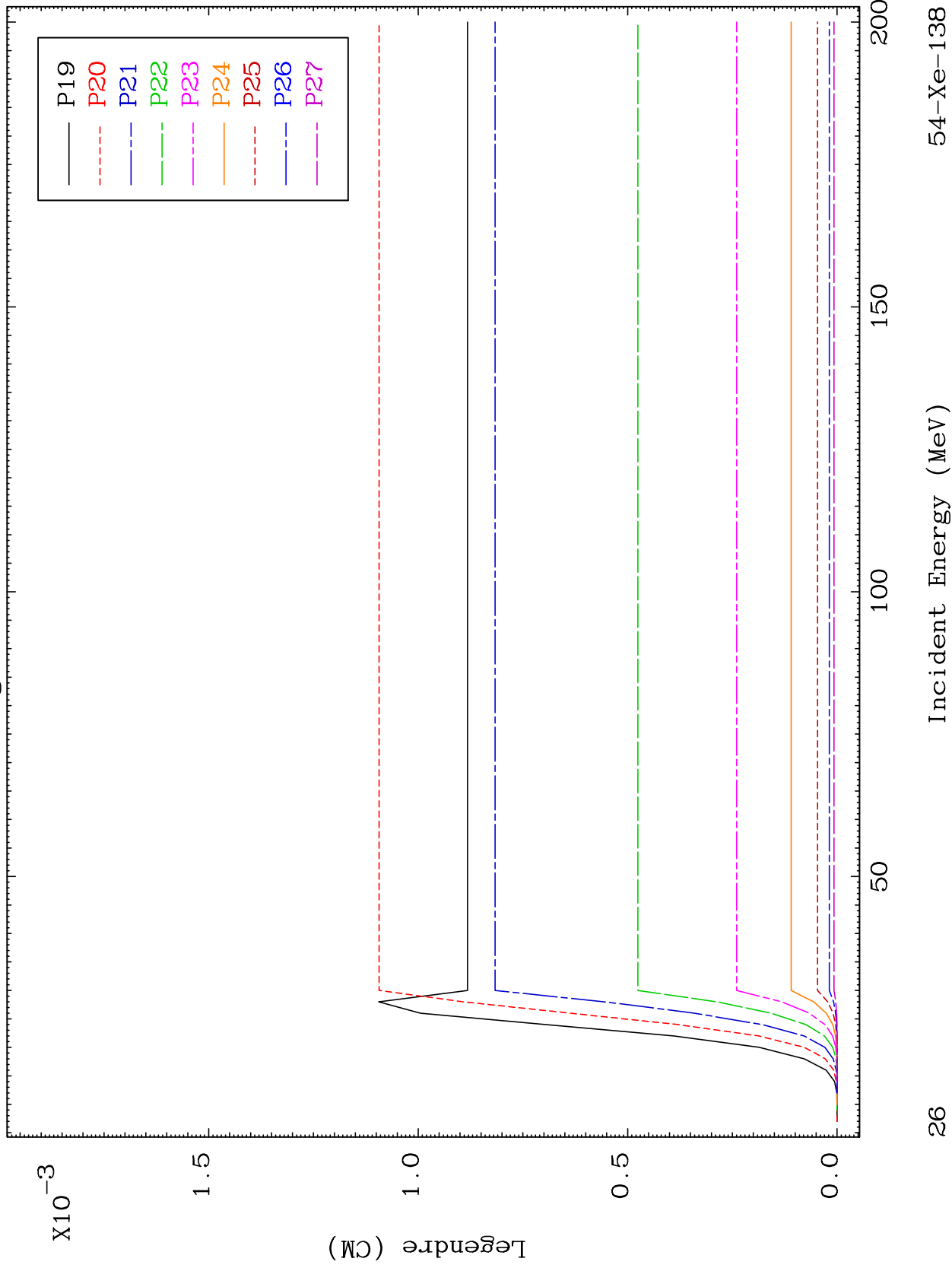
Incident Energy (MeV)

24

MAT 5467

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

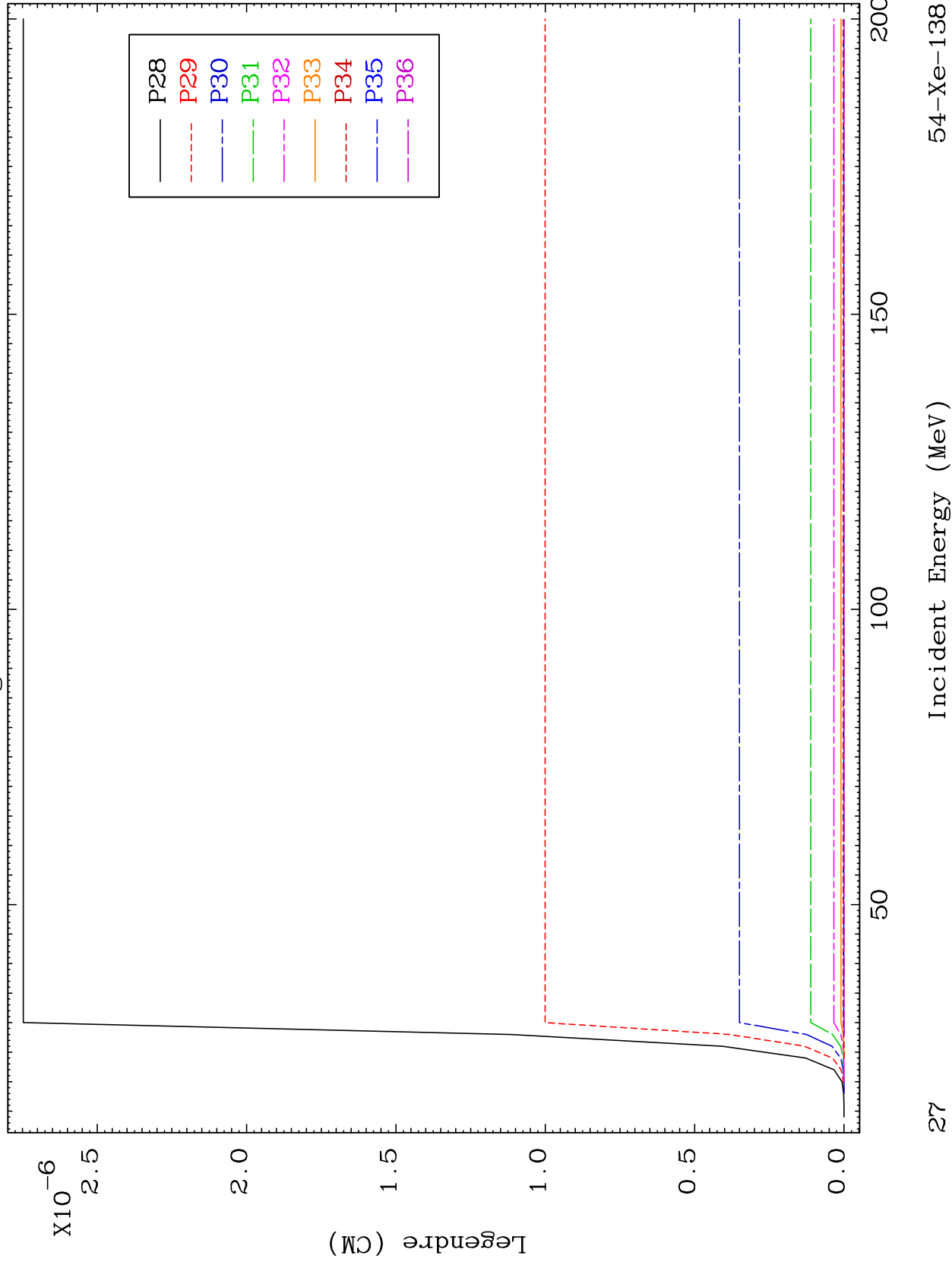
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MAT 5467

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

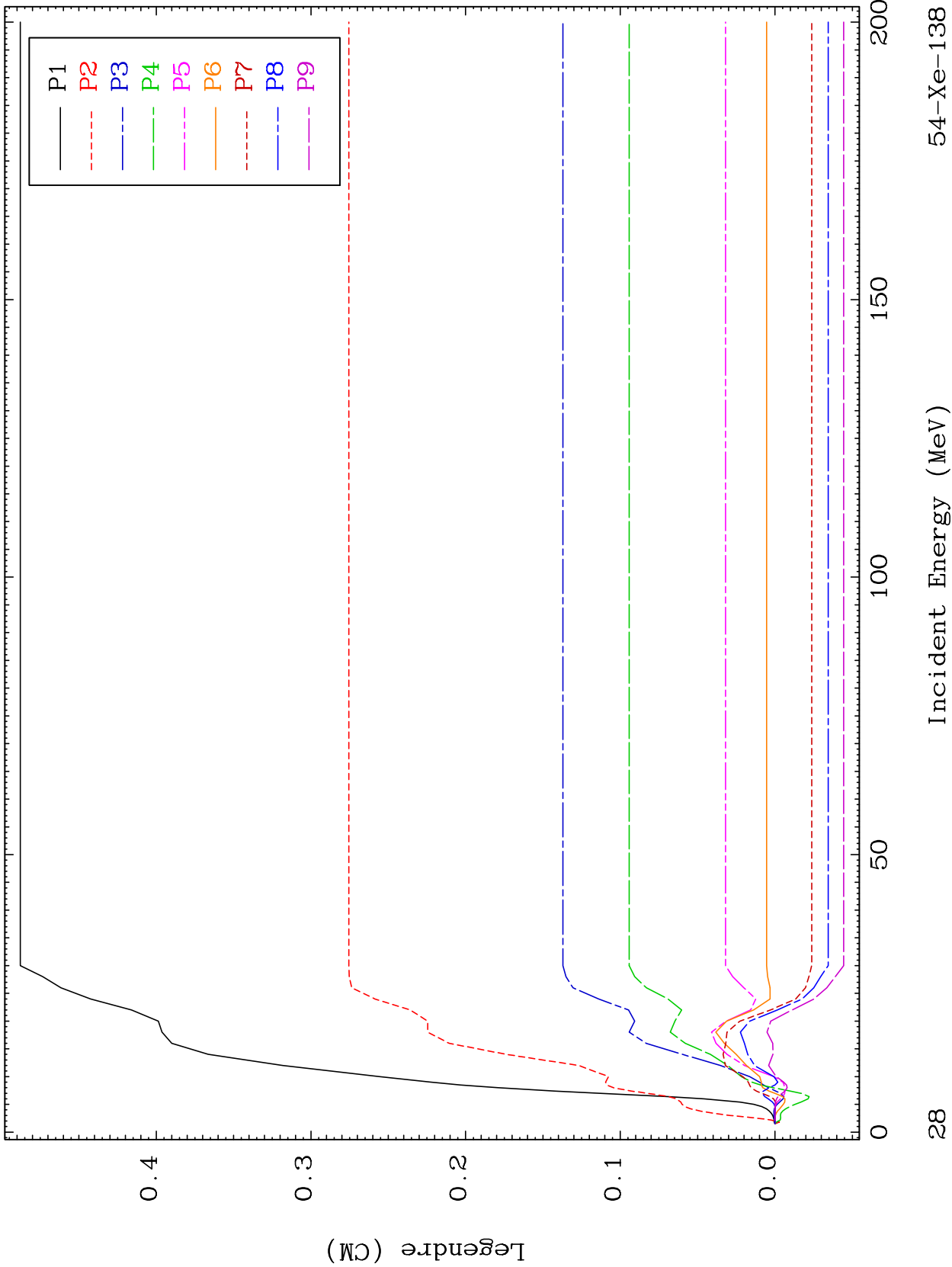
54-Xe-138



MAT 5467

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

54-Xe-138



54-Xe-138

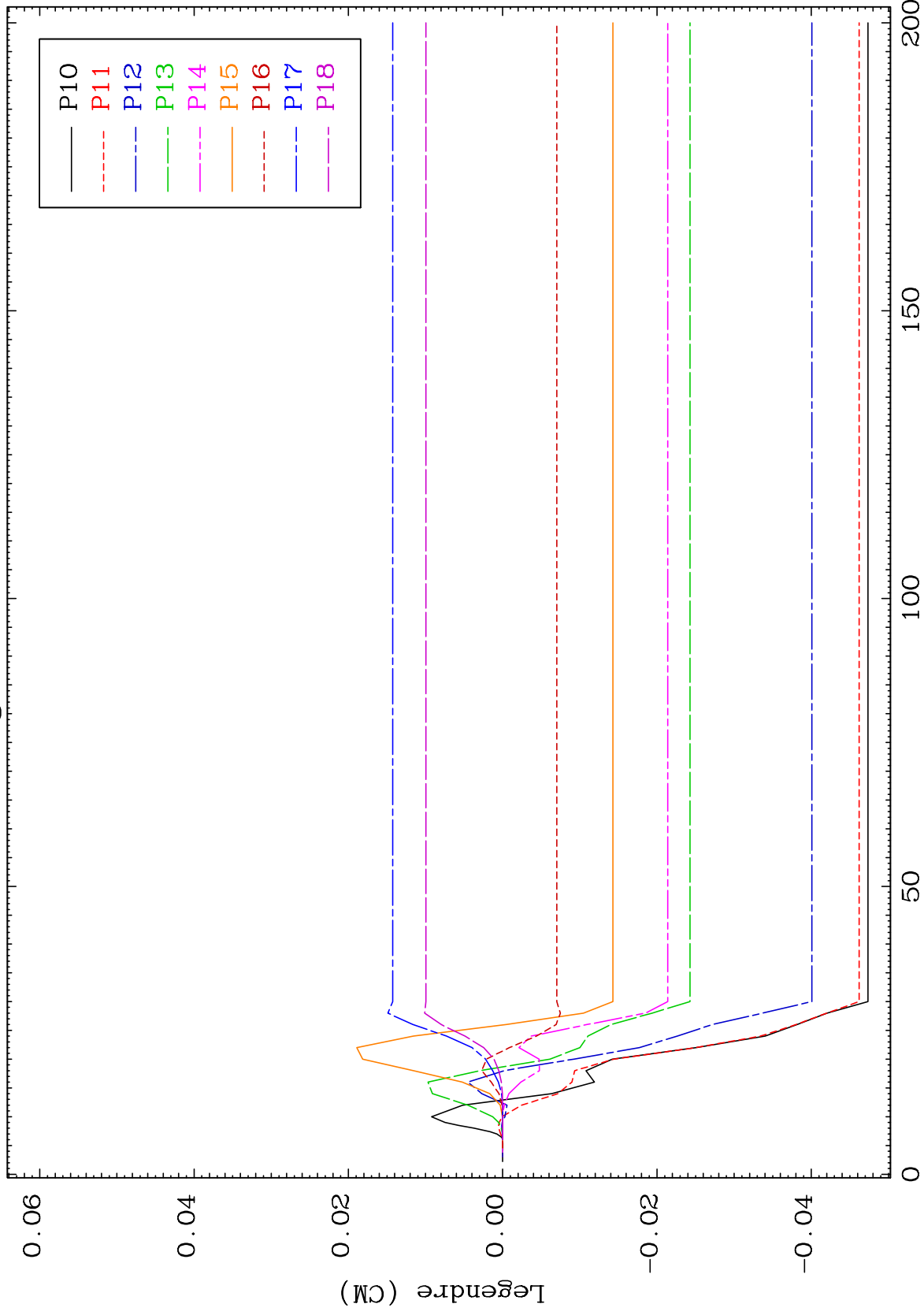
Incident Energy (MeV)

28

MAT 5467

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

54-Xe-138



29

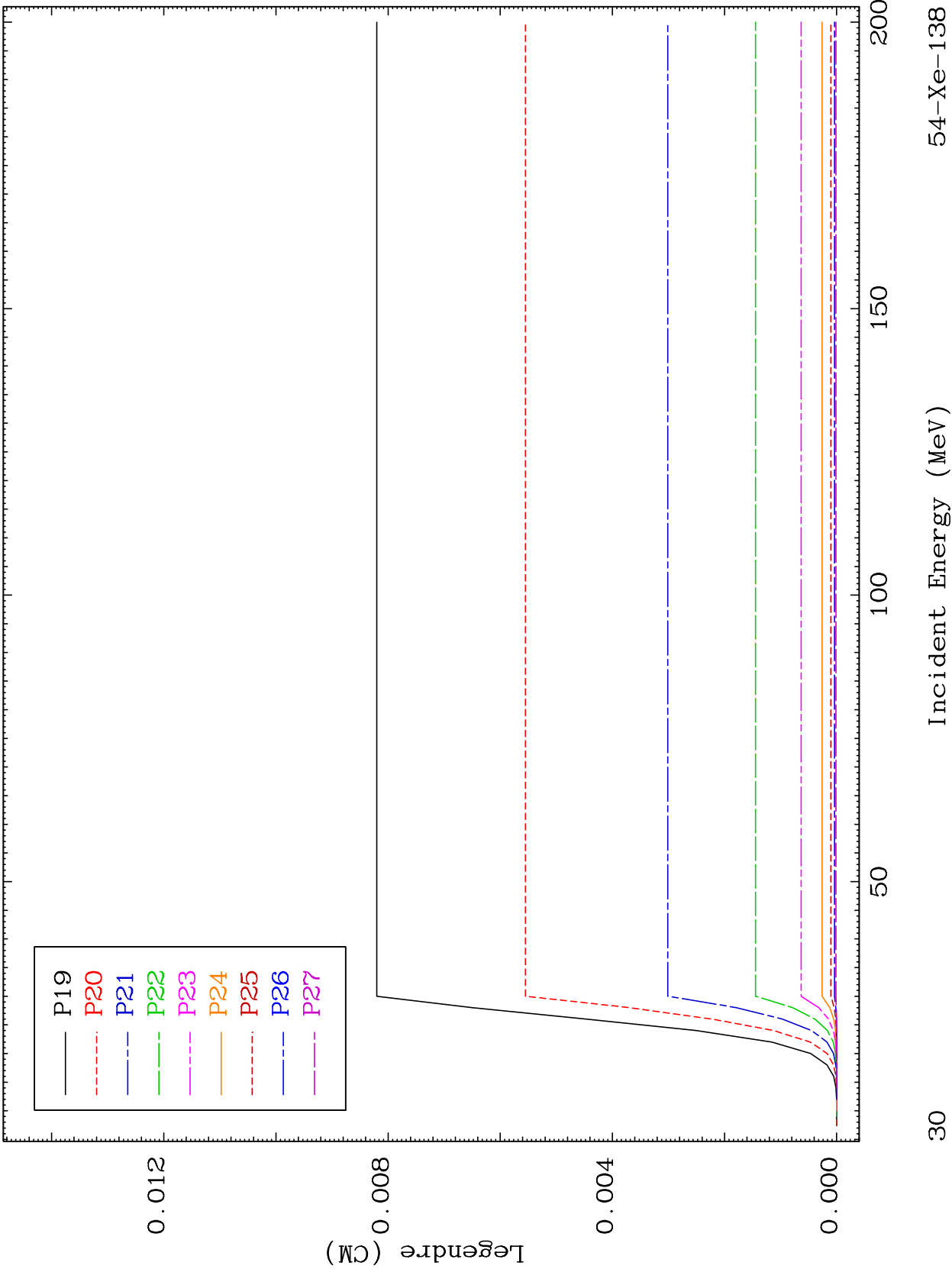
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

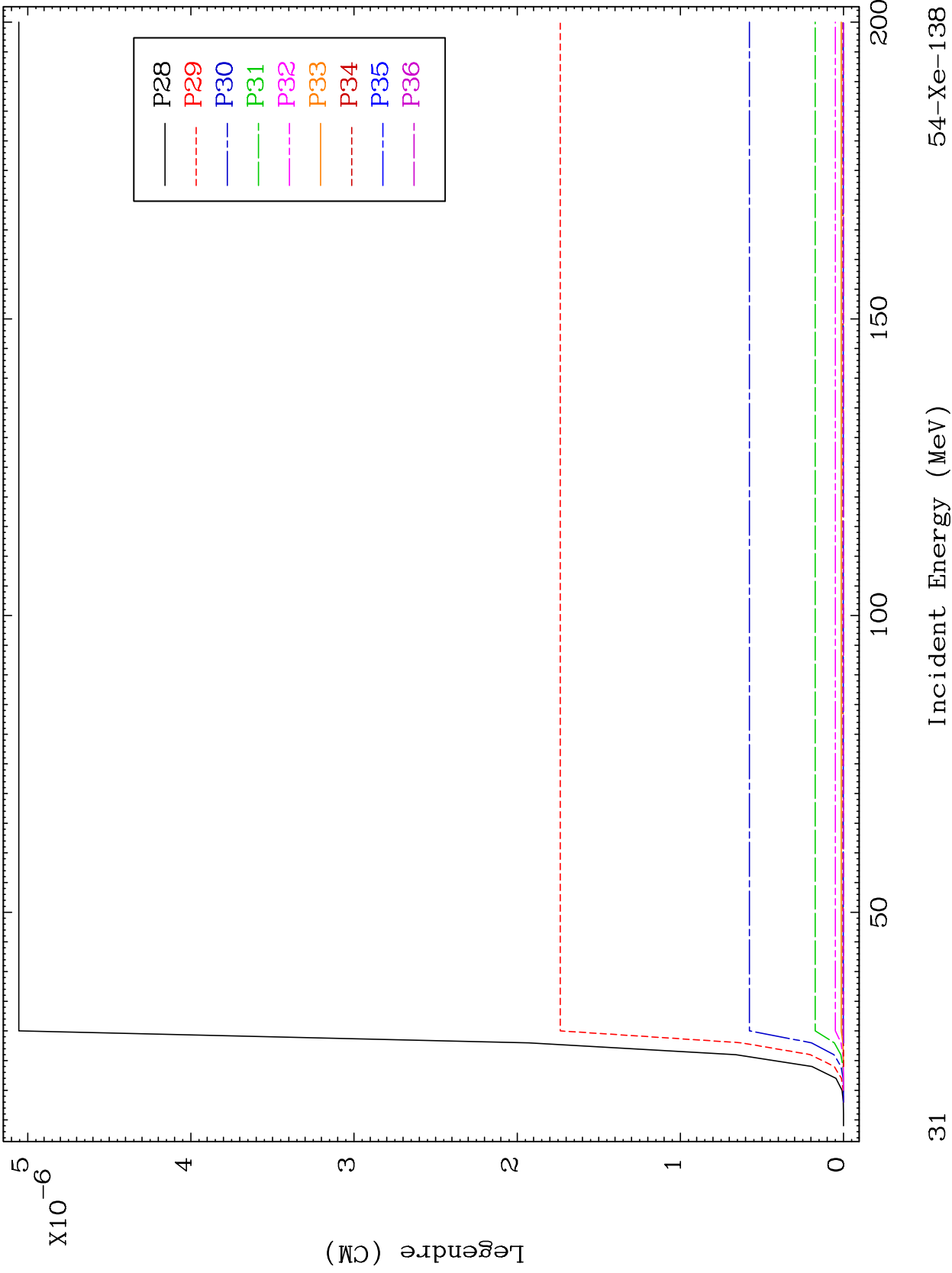
Incident Energy (MeV)

30

MAT 5467

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

54-Xe-138



31

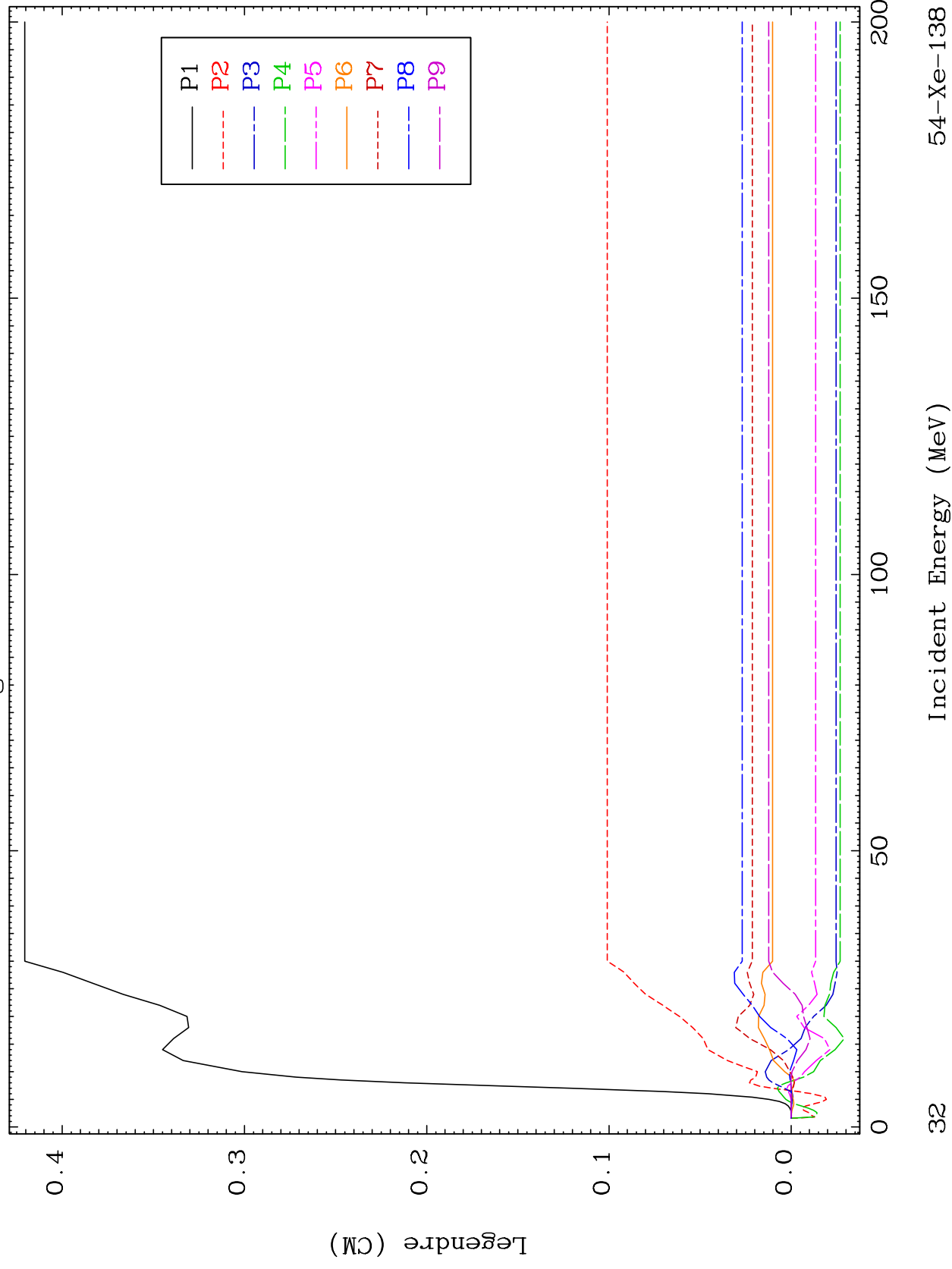
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

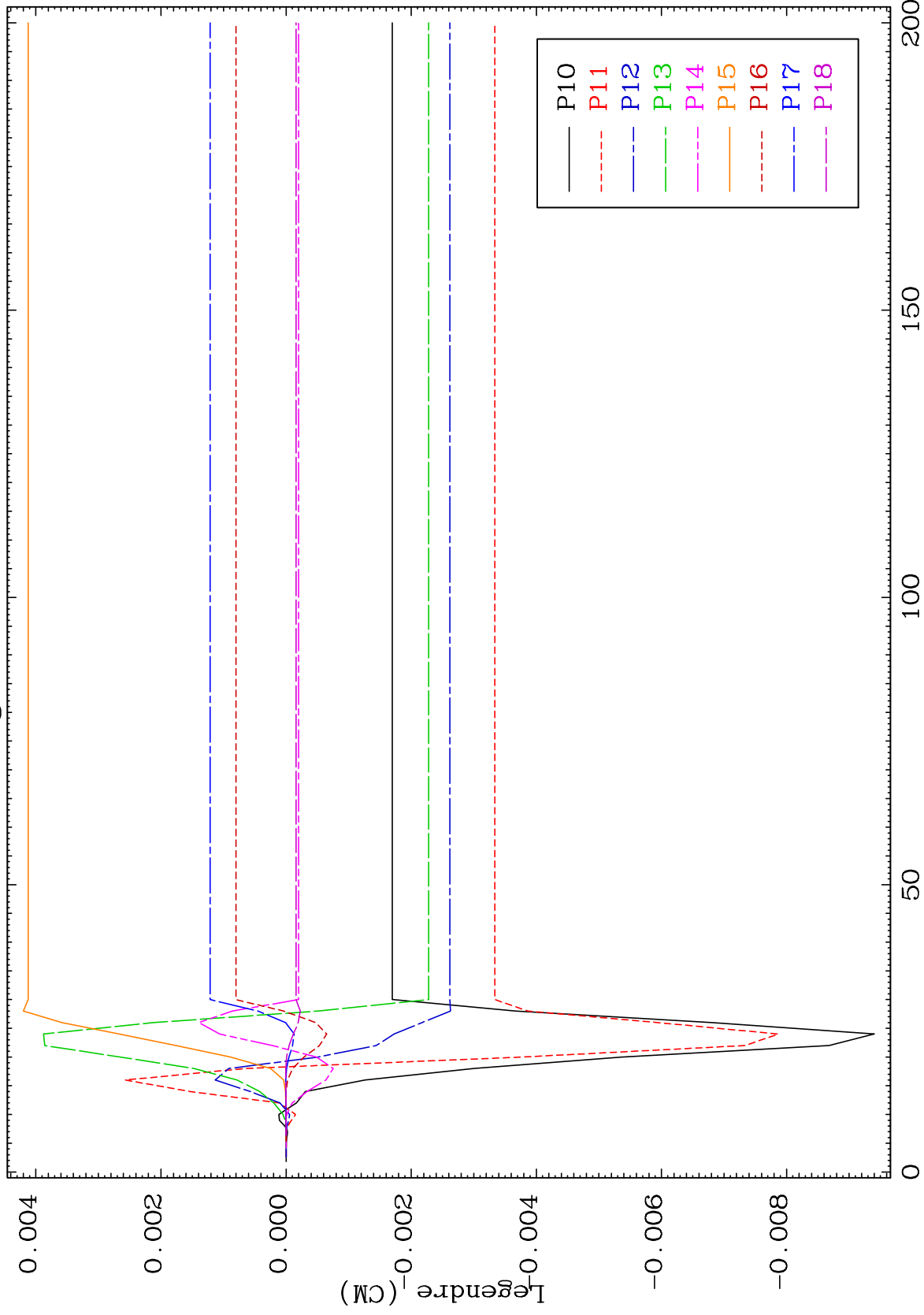
Incident Energy (MeV)

32

MAT 5467

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

54-Xe-138



33

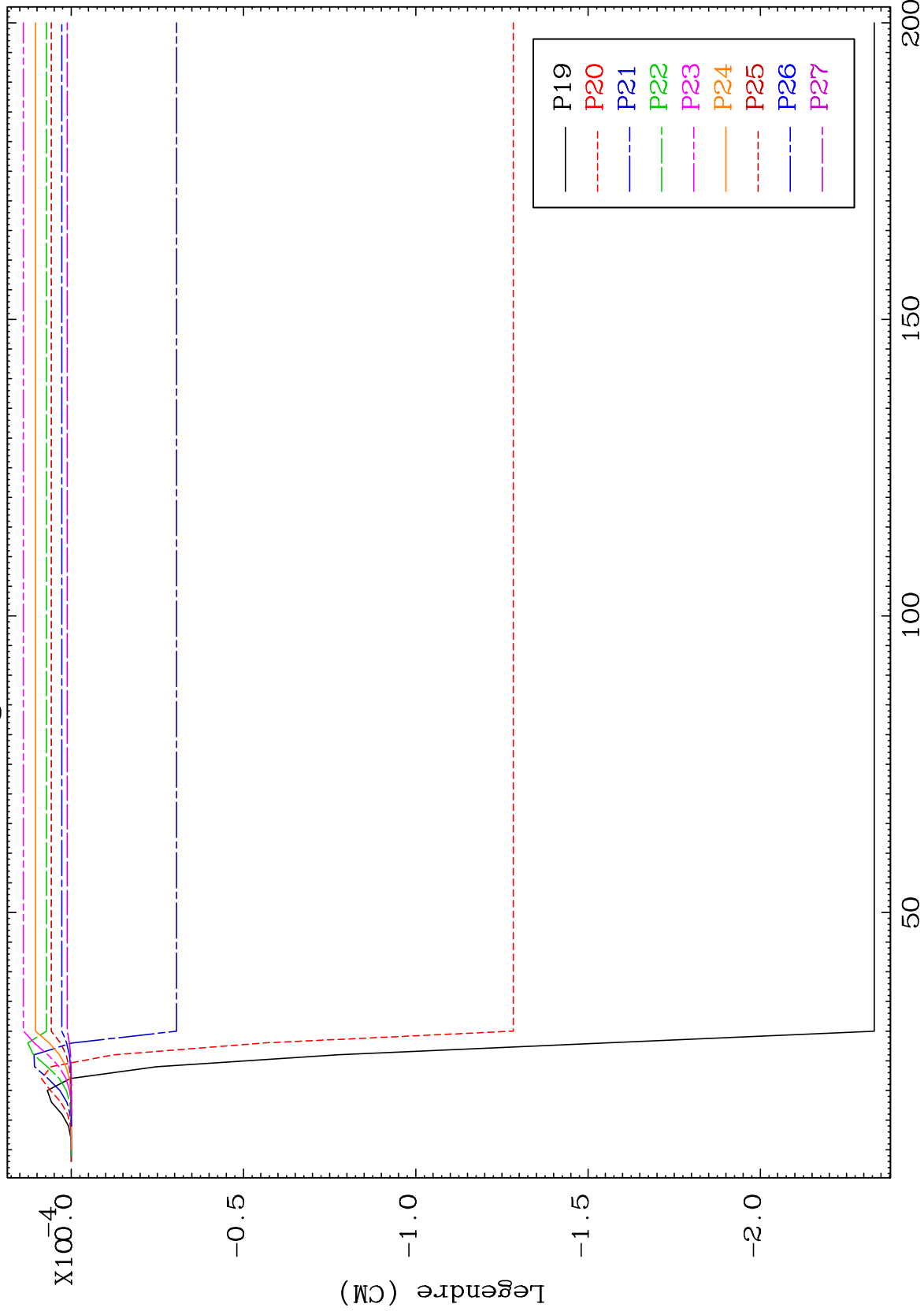
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

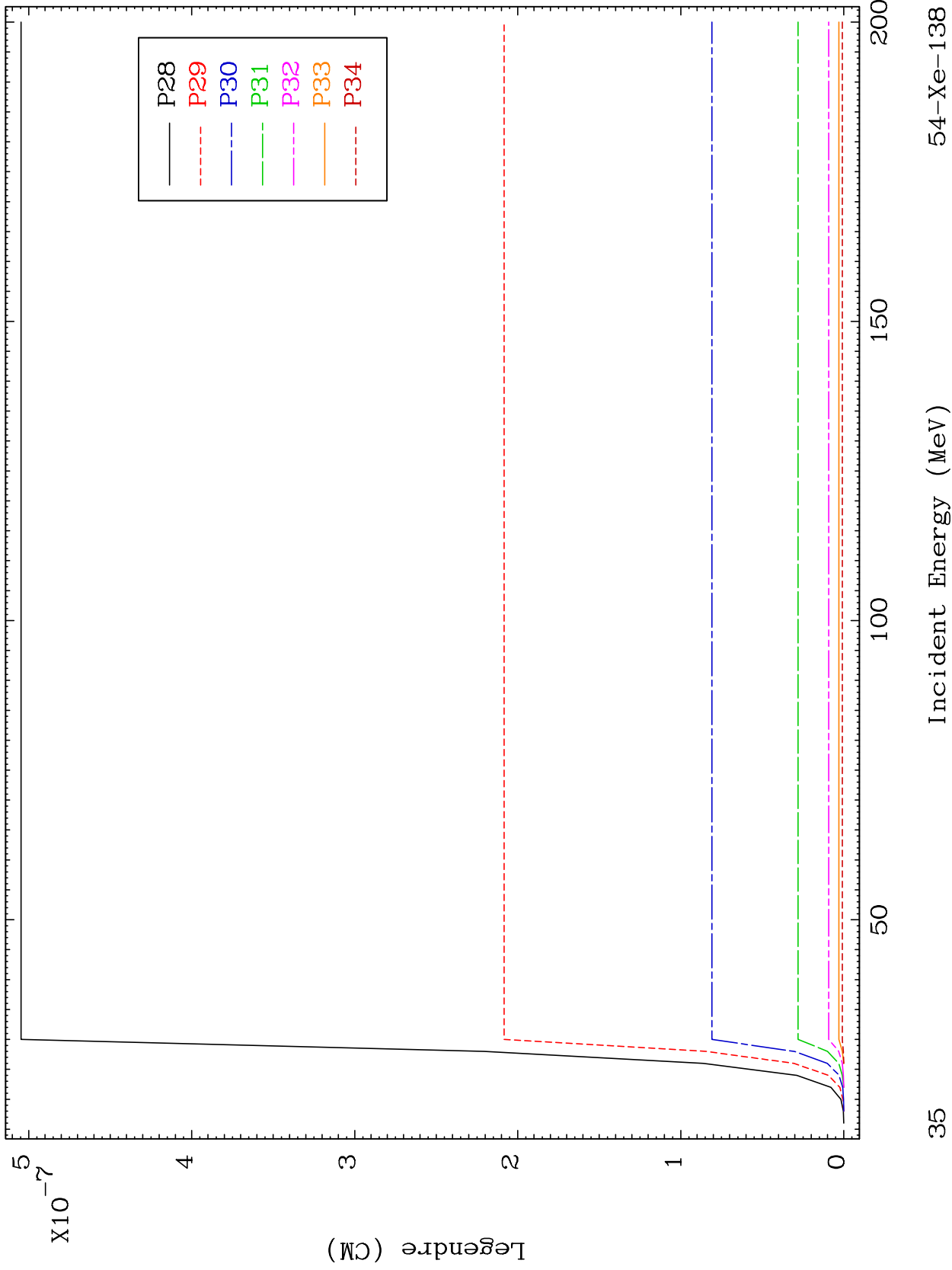
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MAT 5467

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

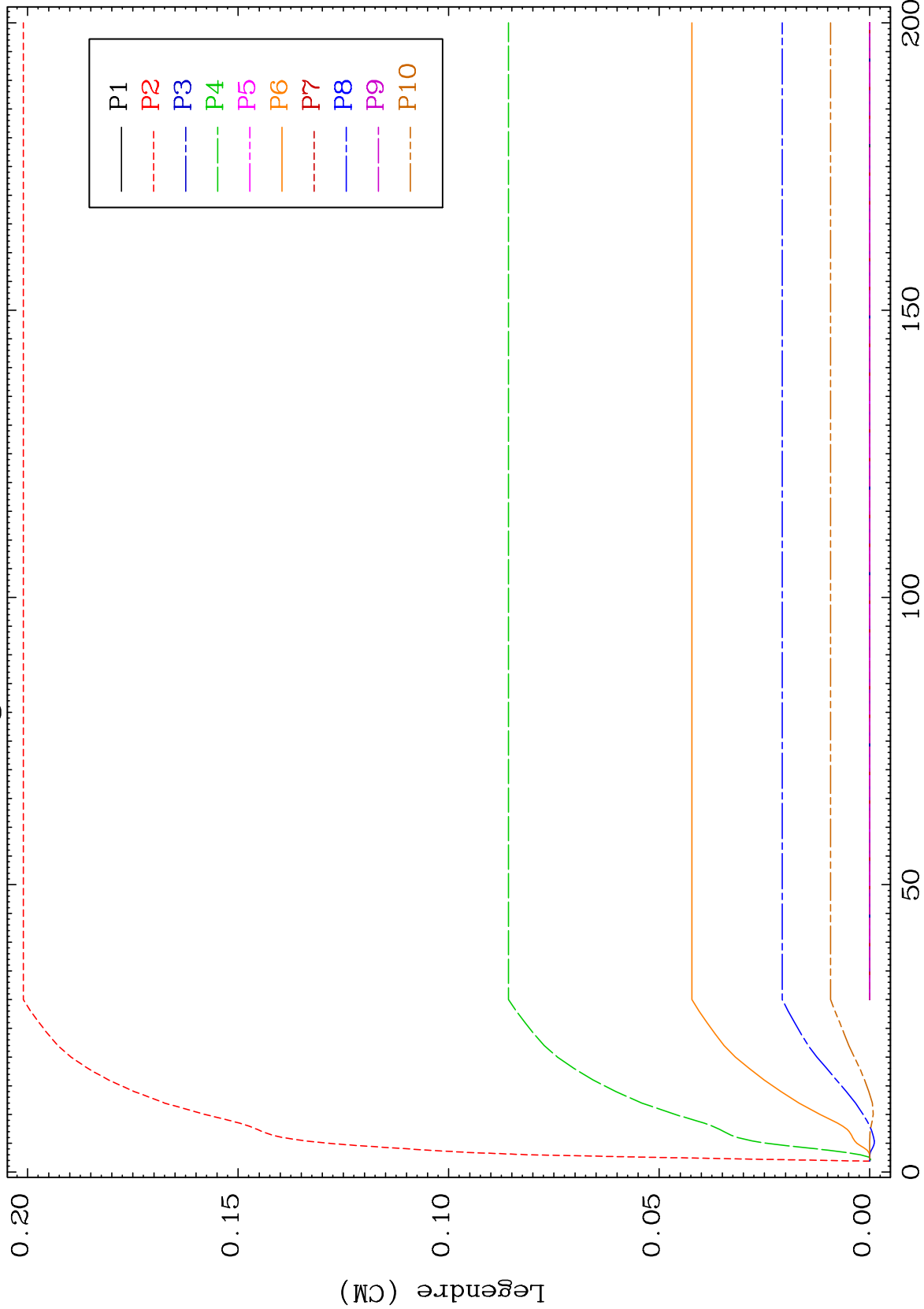
54-Xe-138



MAT 5467

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

54-Xe-138



36

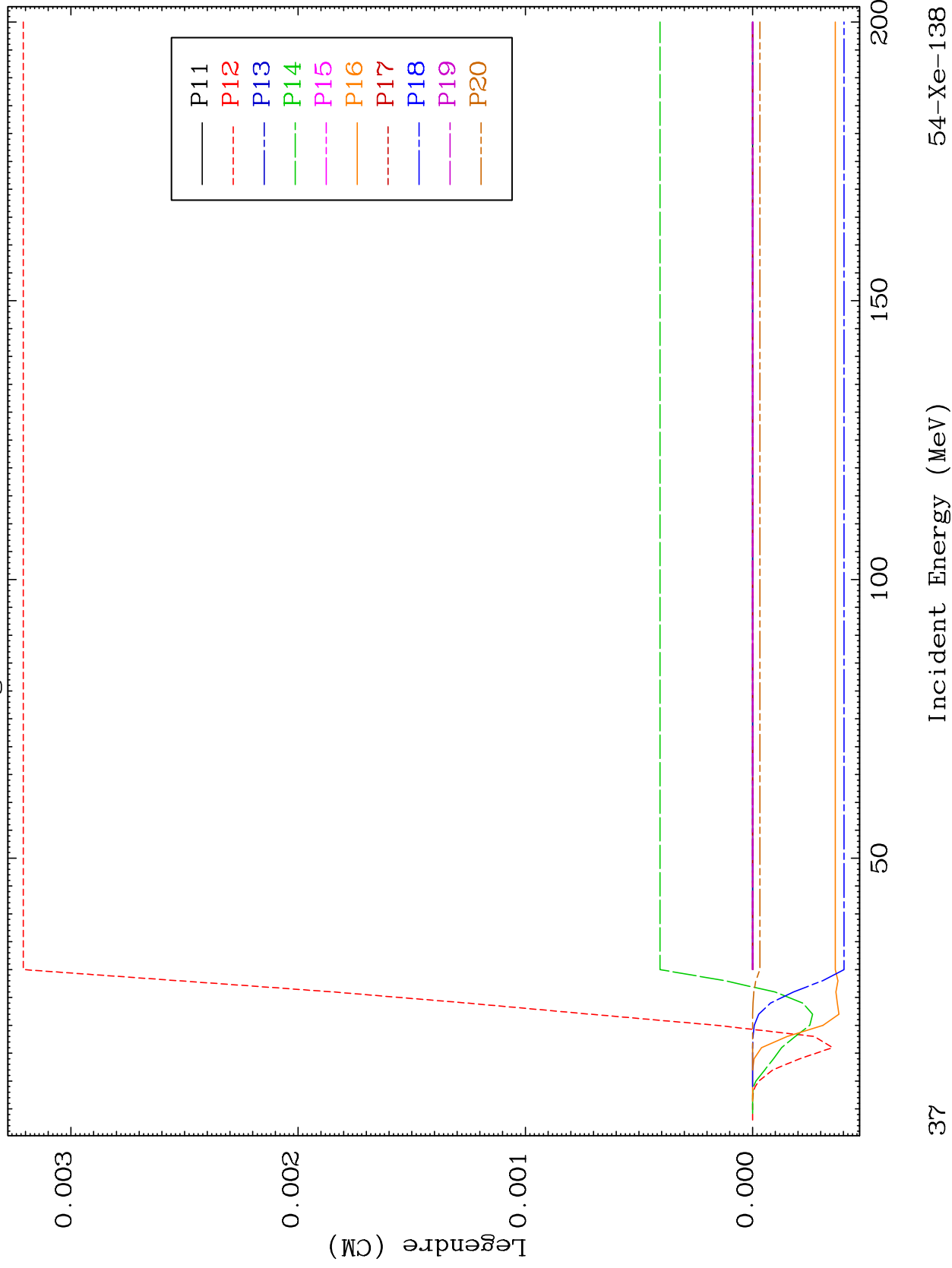
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

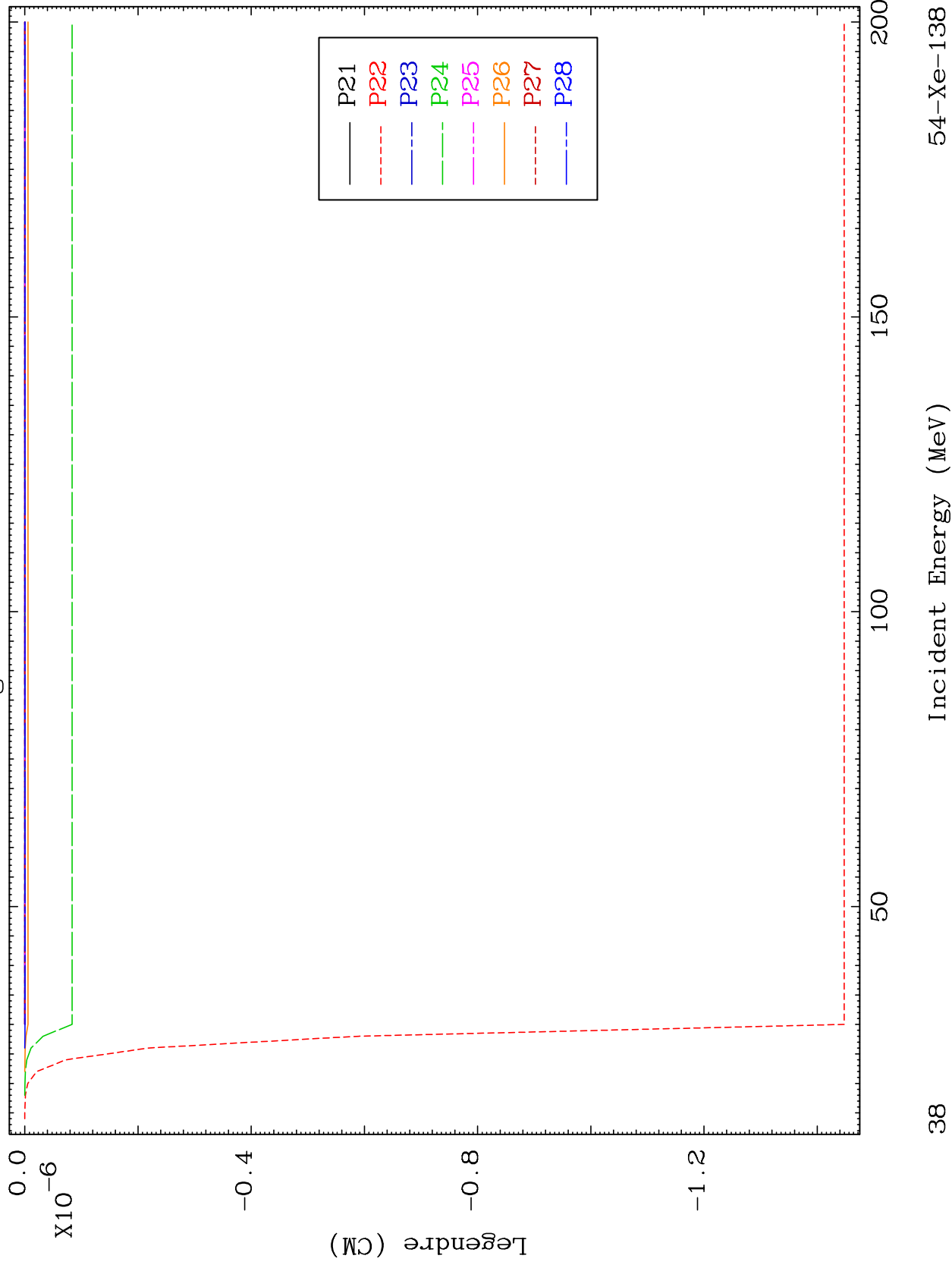
54-Xe-138



MAT 5467

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

54-Xe-138



38

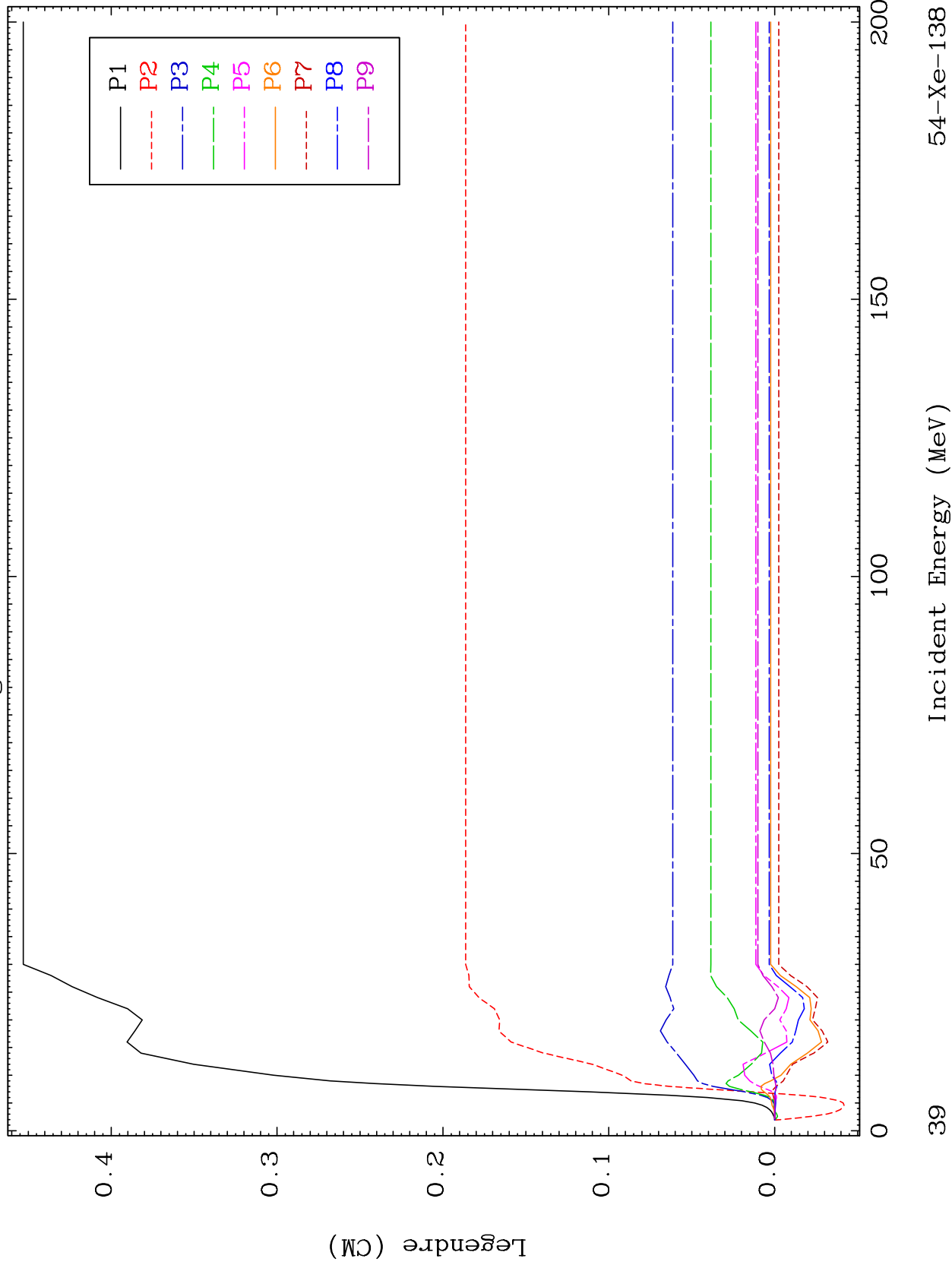
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

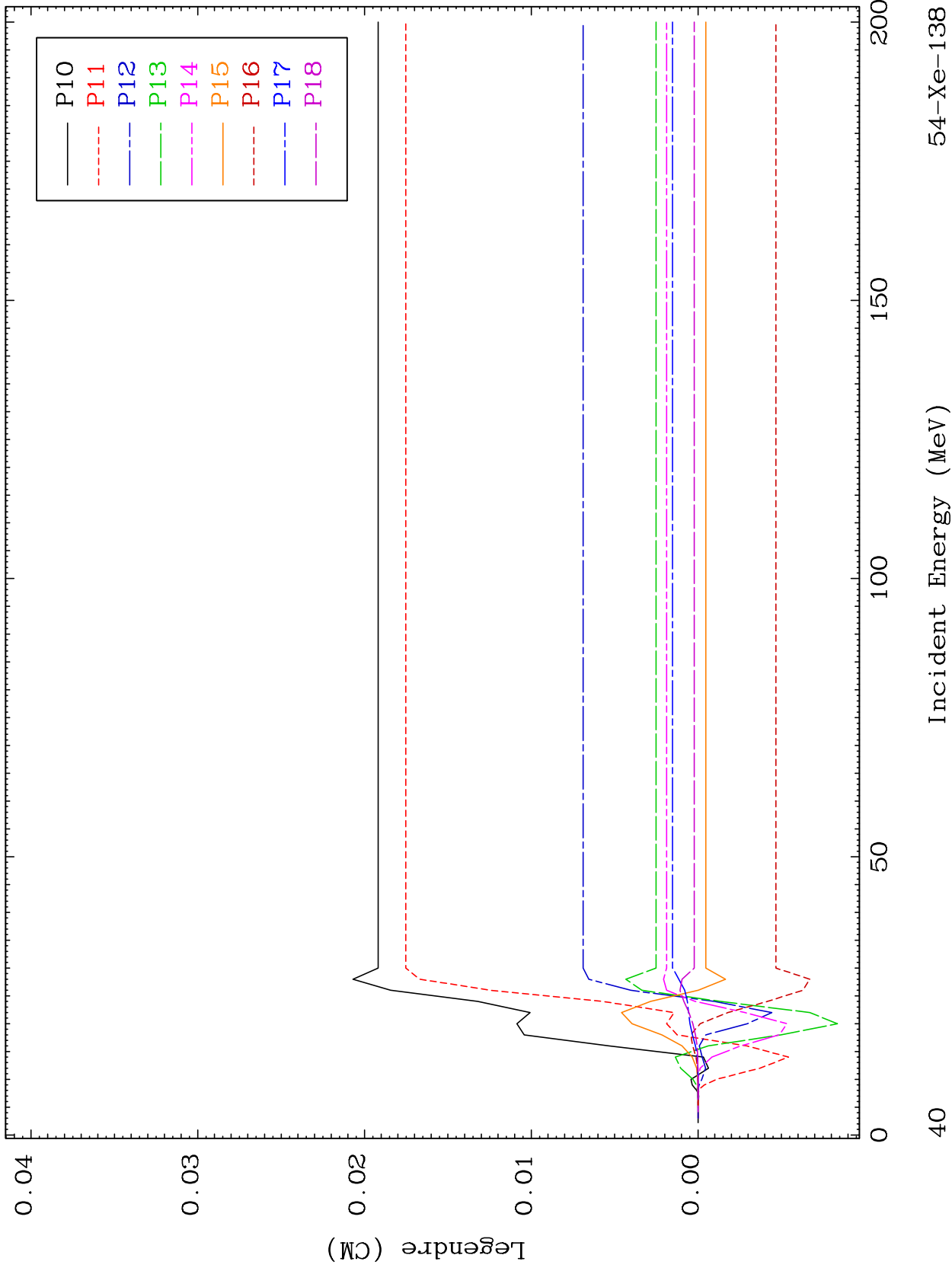
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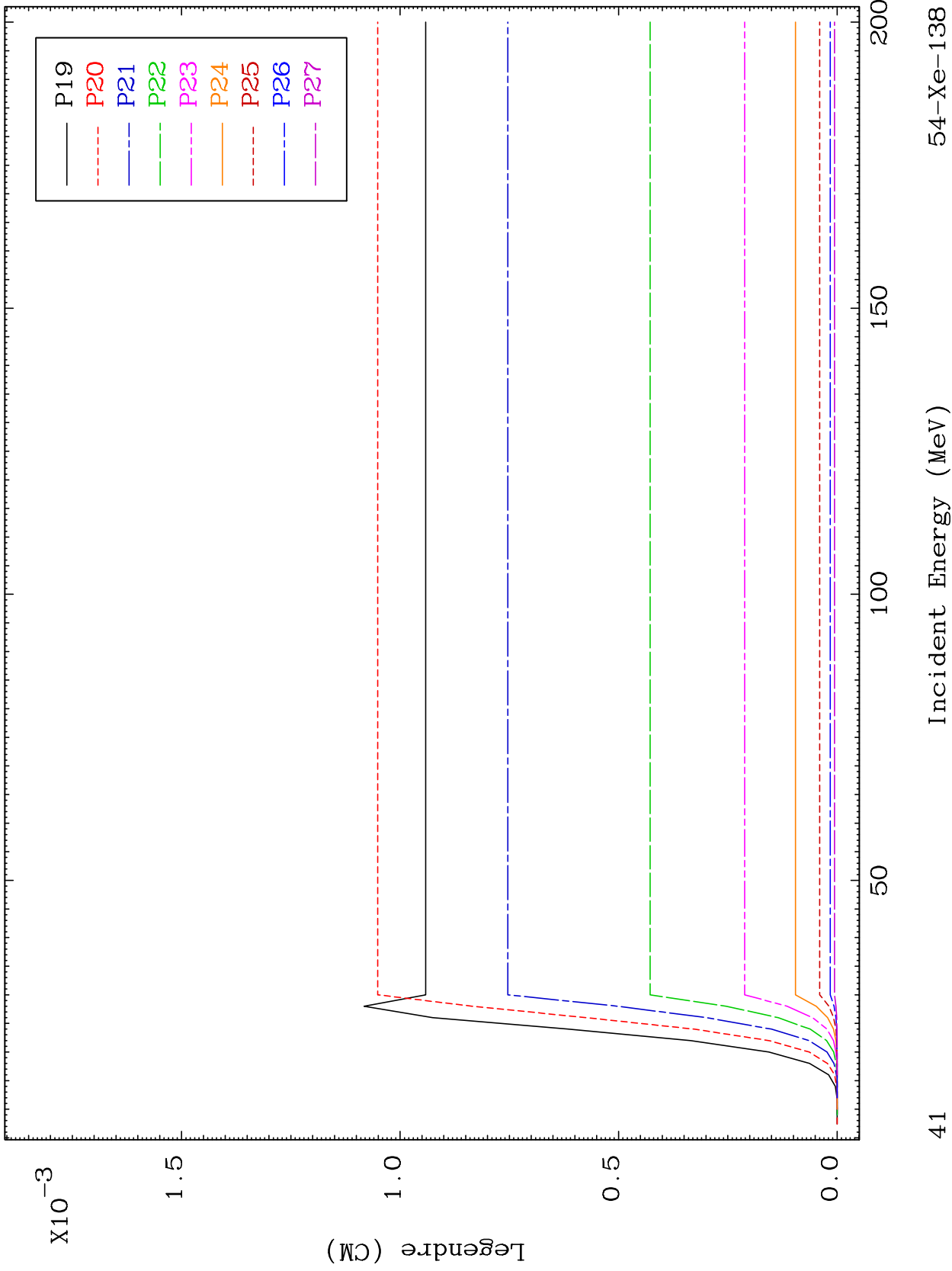
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MAT 5467

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

54-Xe-138

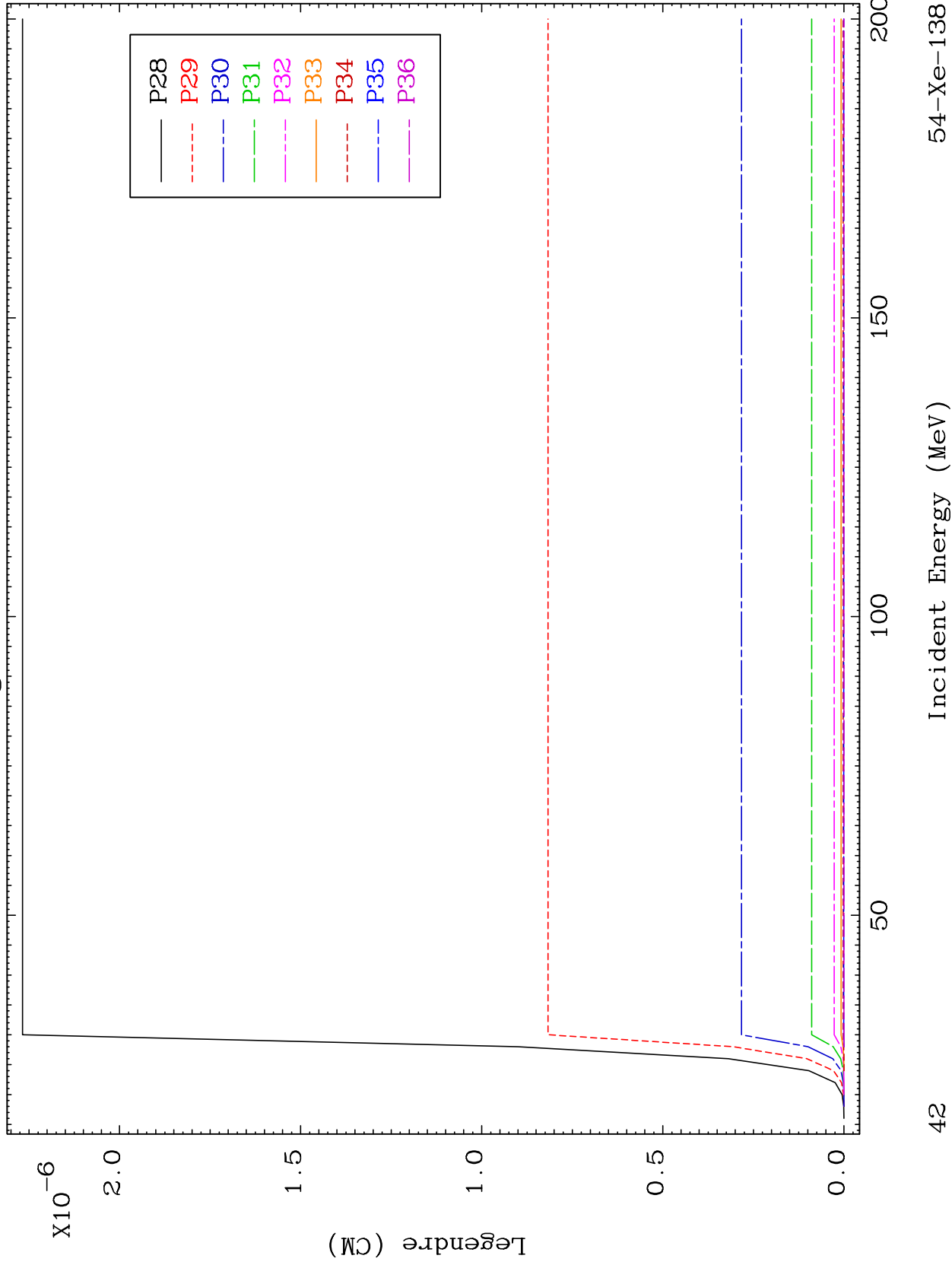




MAT 5467

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

54-Xe-138



54-Xe-138

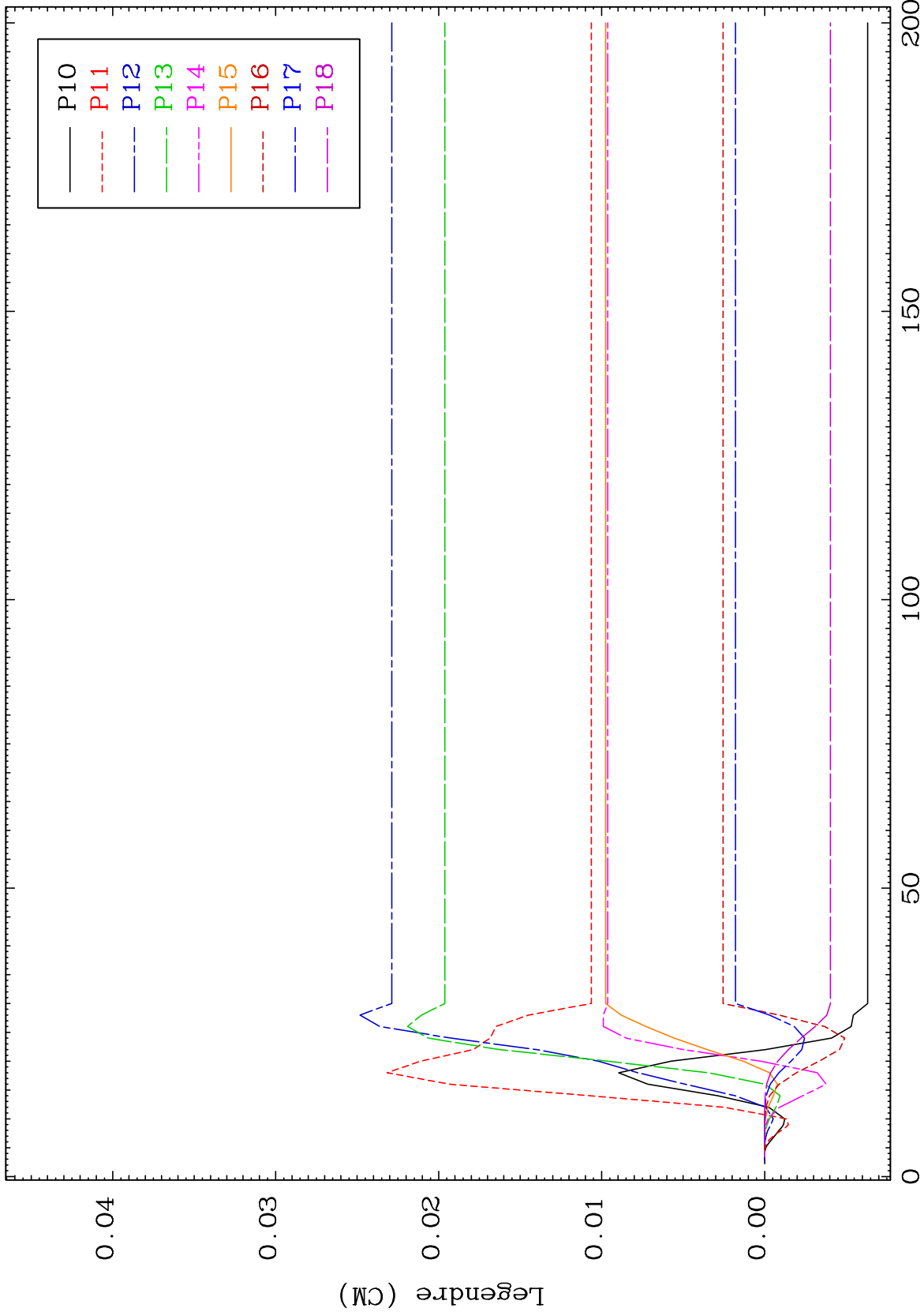
Incident Energy (MeV)

42

MAT 5467

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

54-Xe-138



44

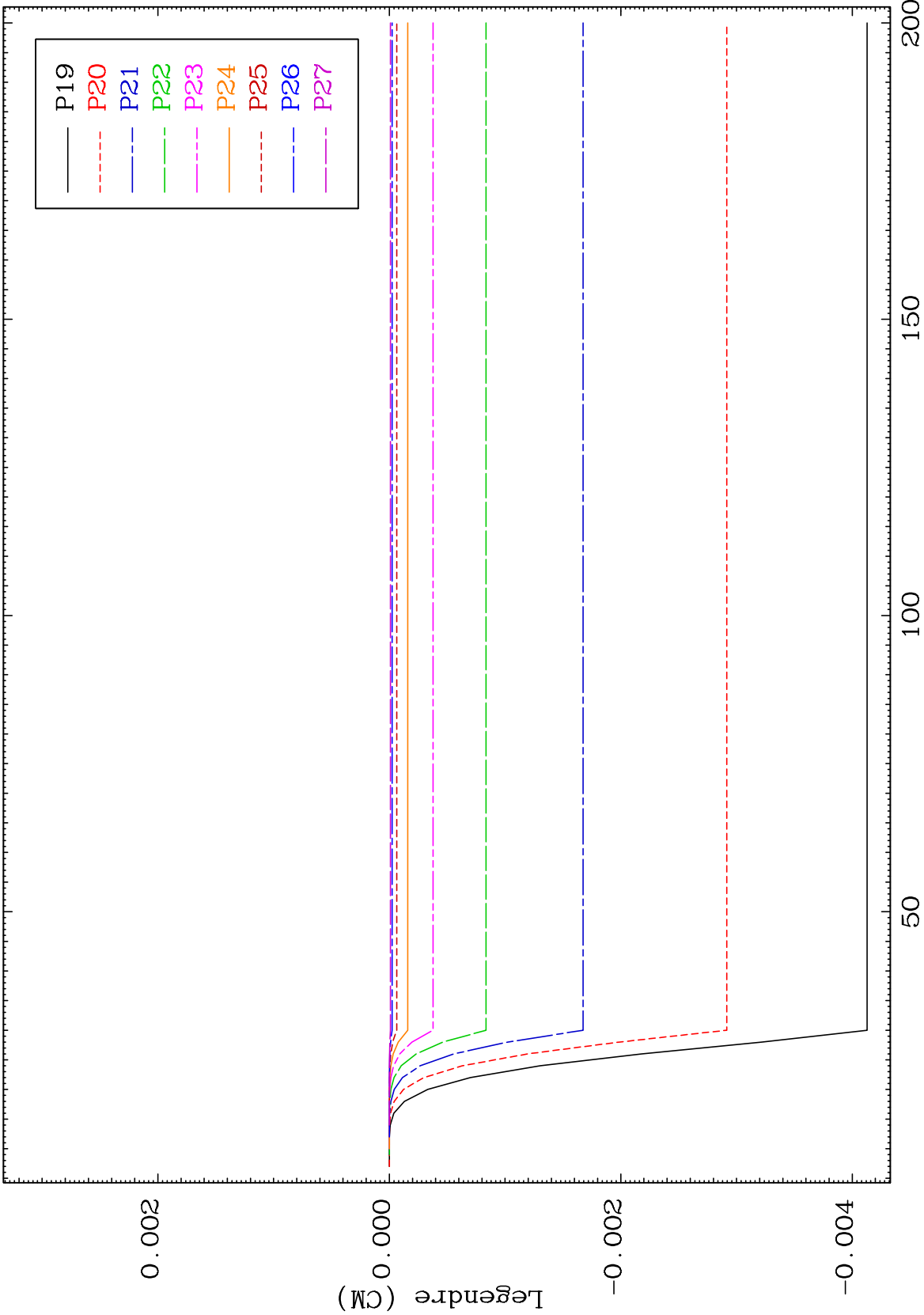
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



45

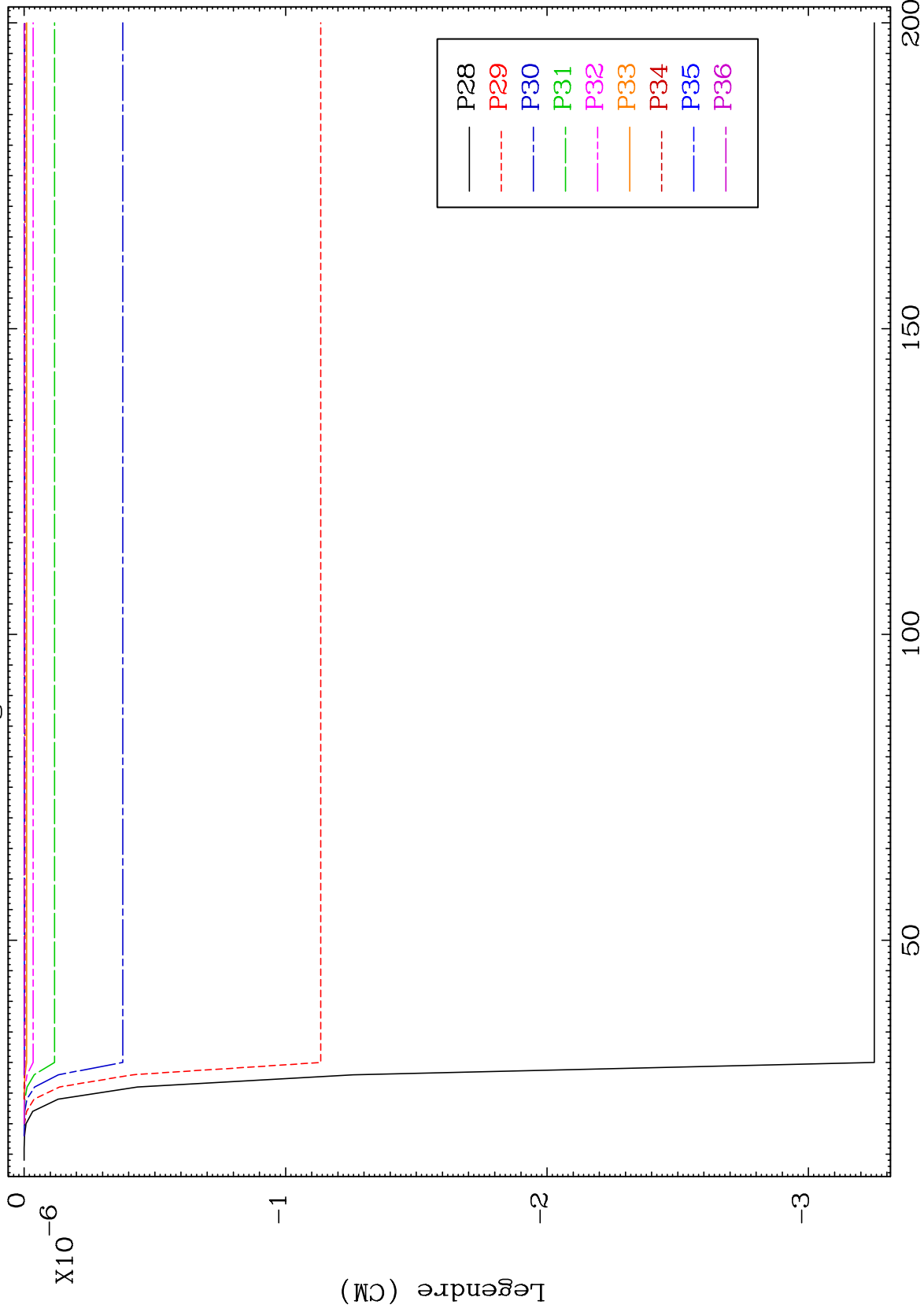
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



46

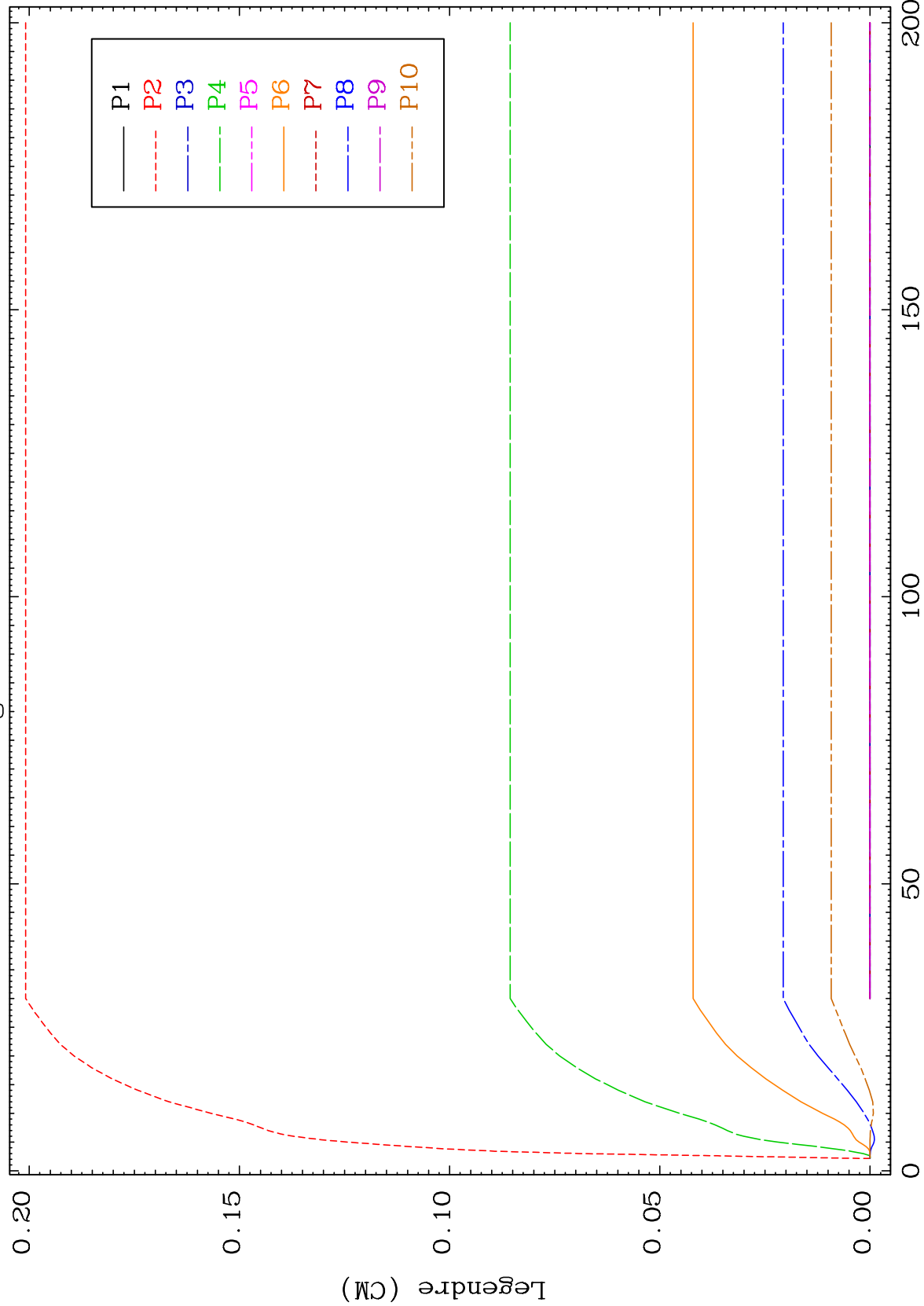
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



47

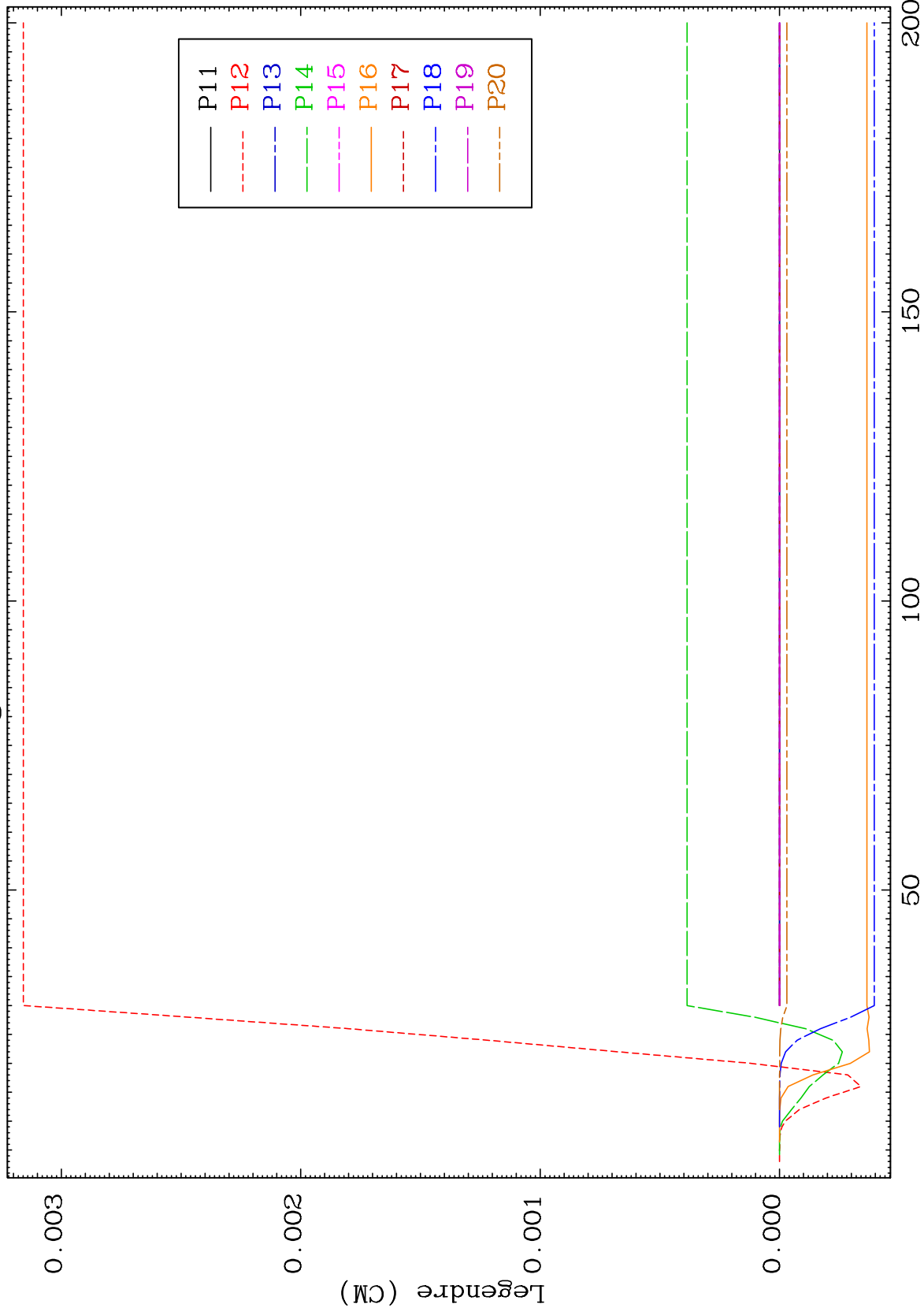
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



48

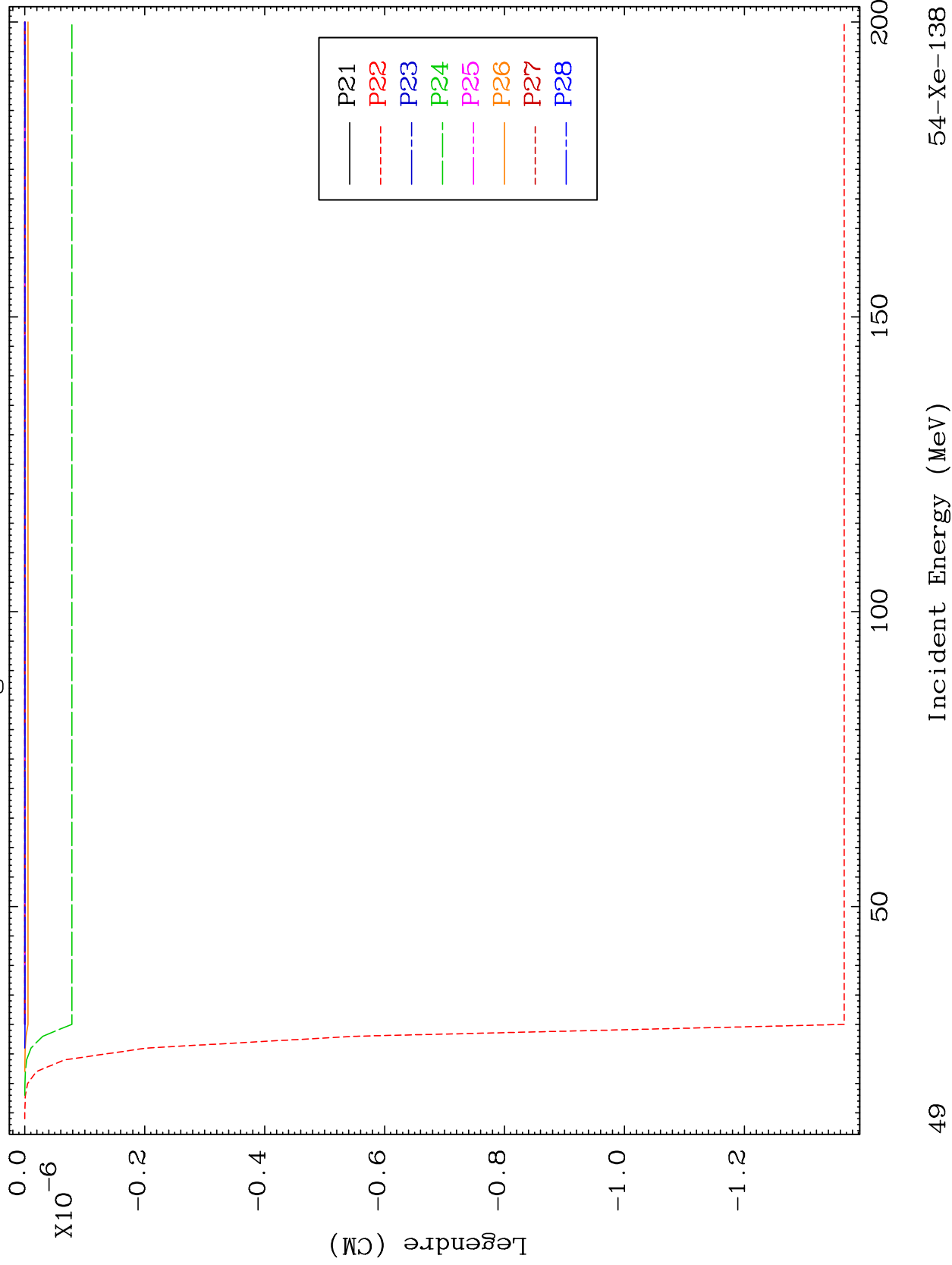
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



49

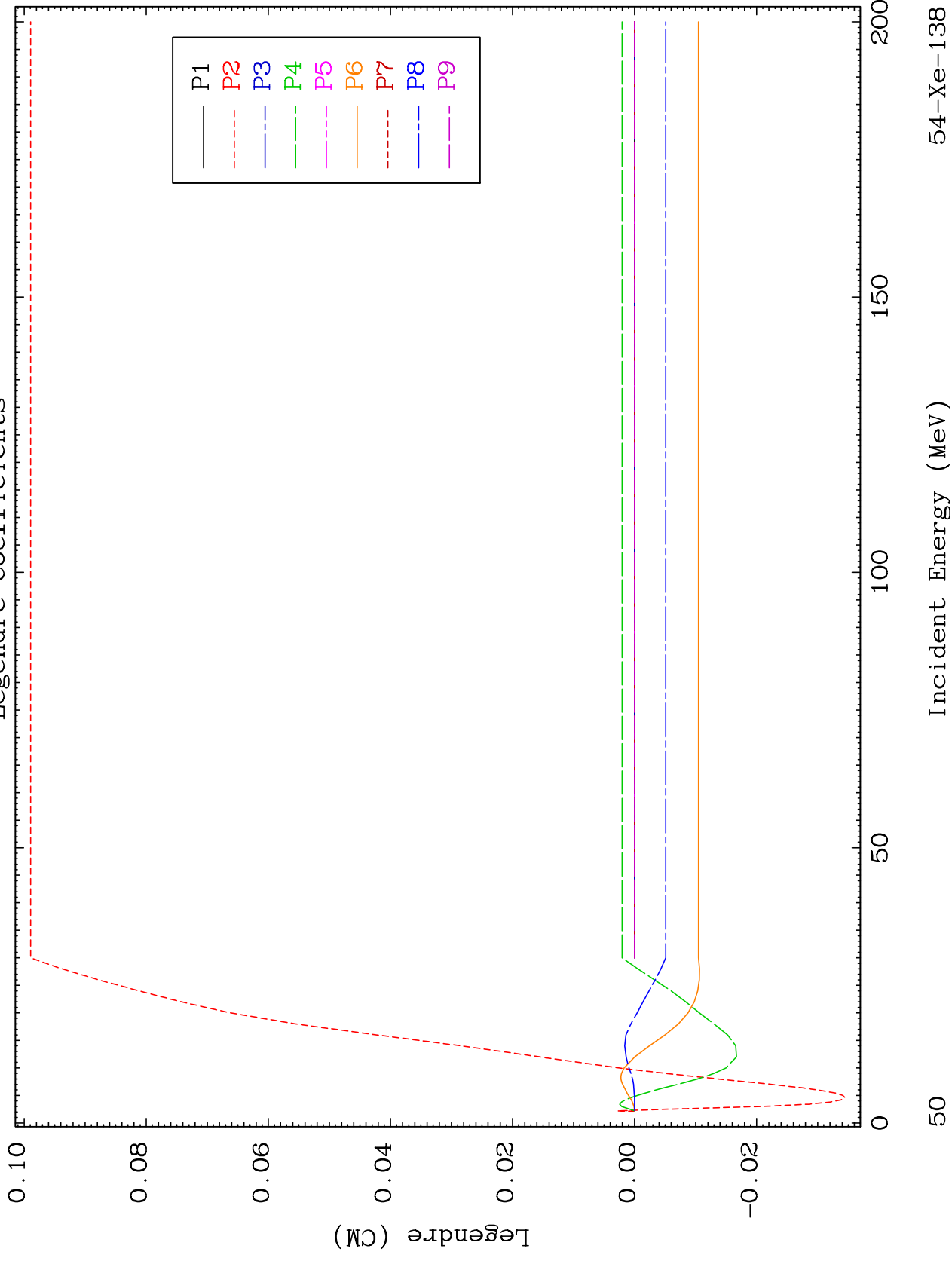
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

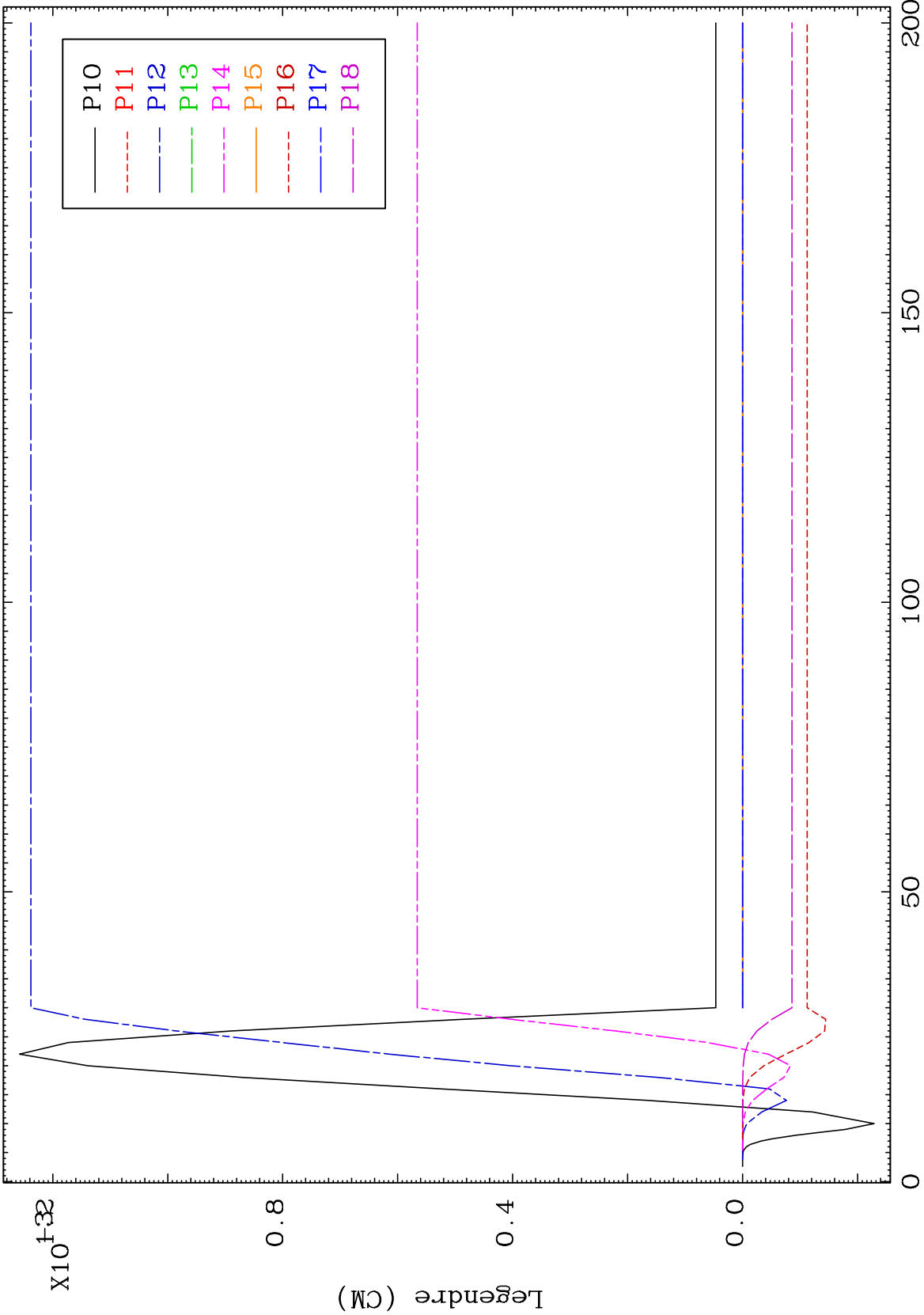
Incident Energy (MeV)

Legendre (CM)

MAT 5467

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

54-Xe-138



51

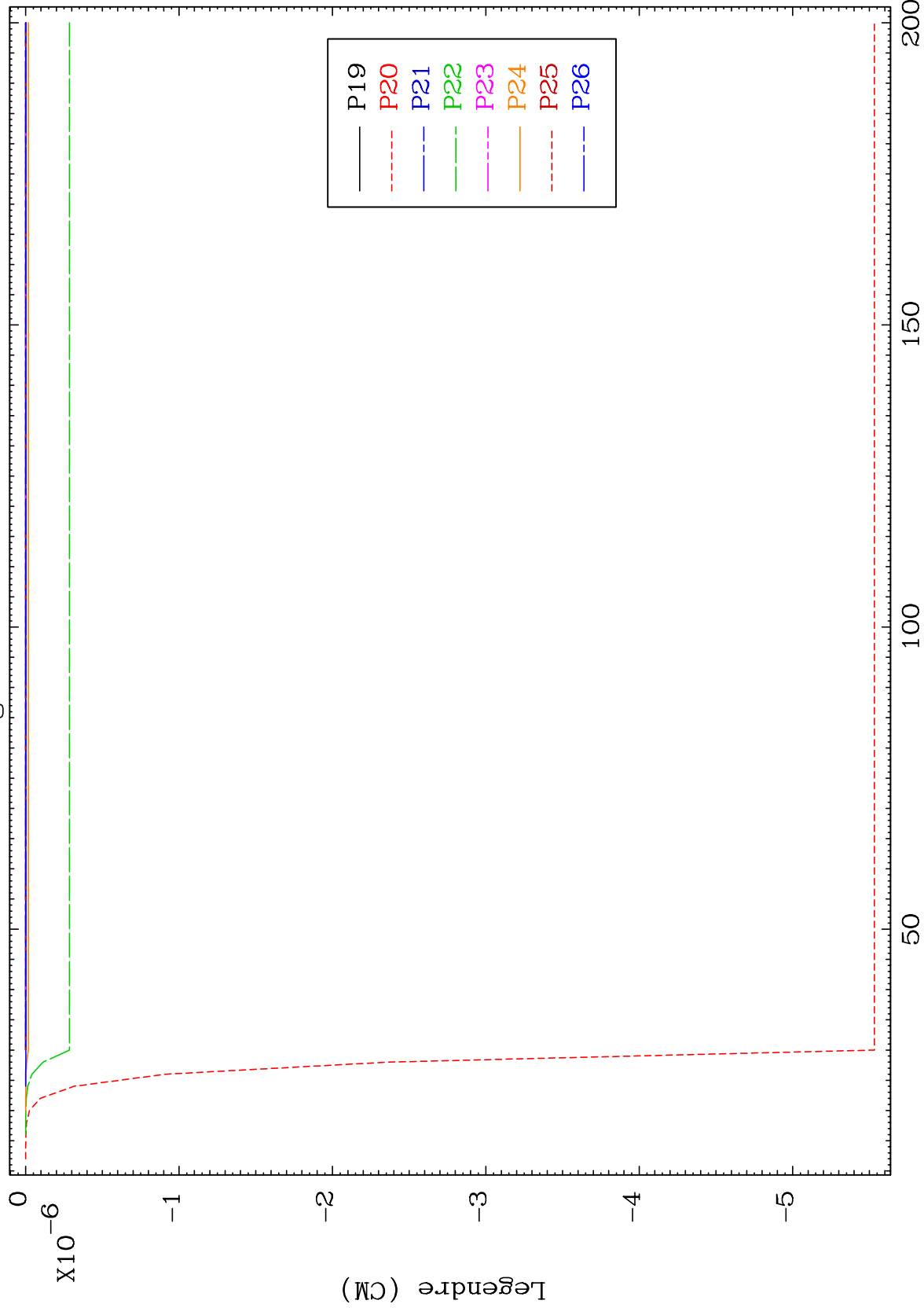
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



52

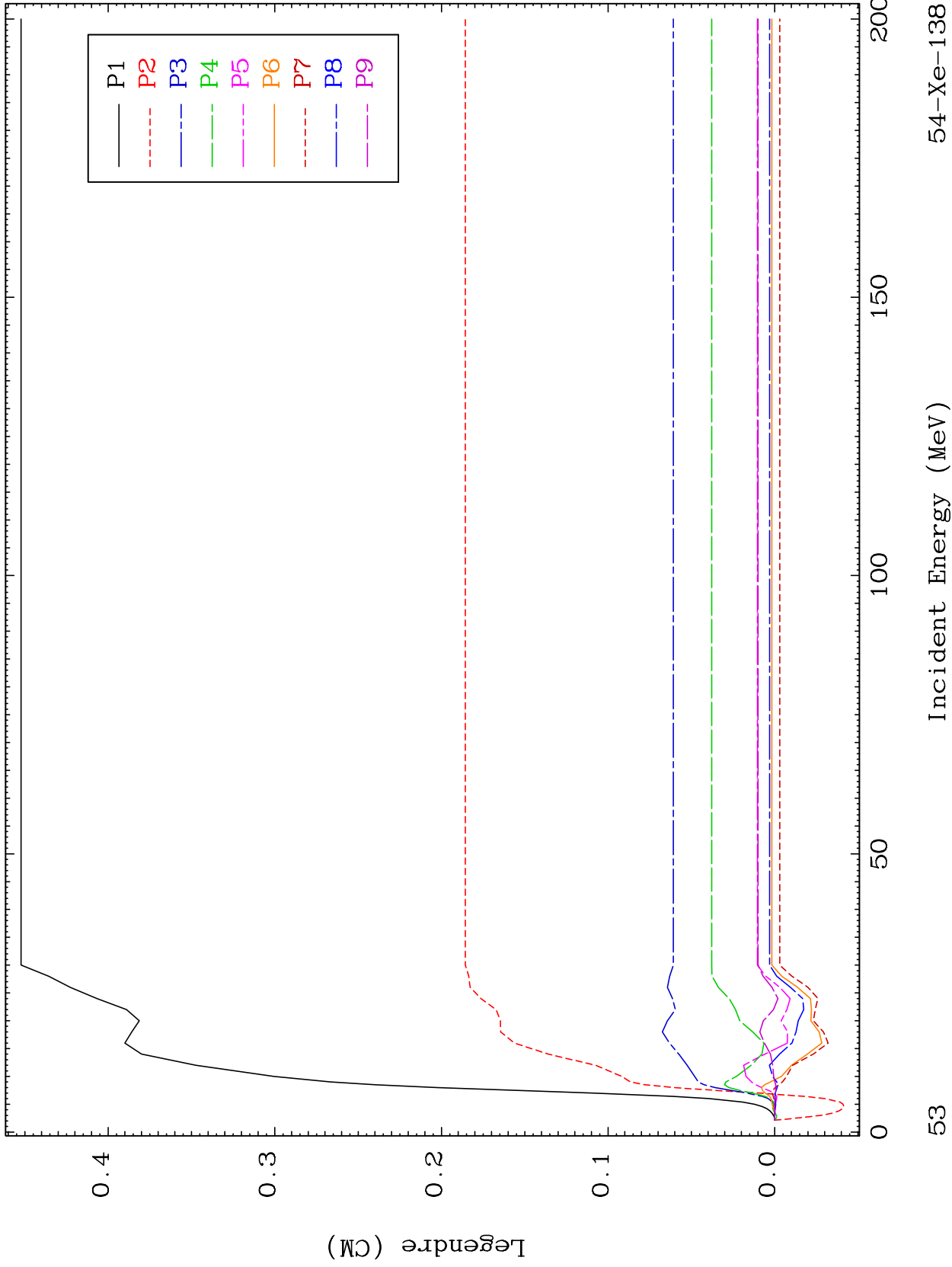
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

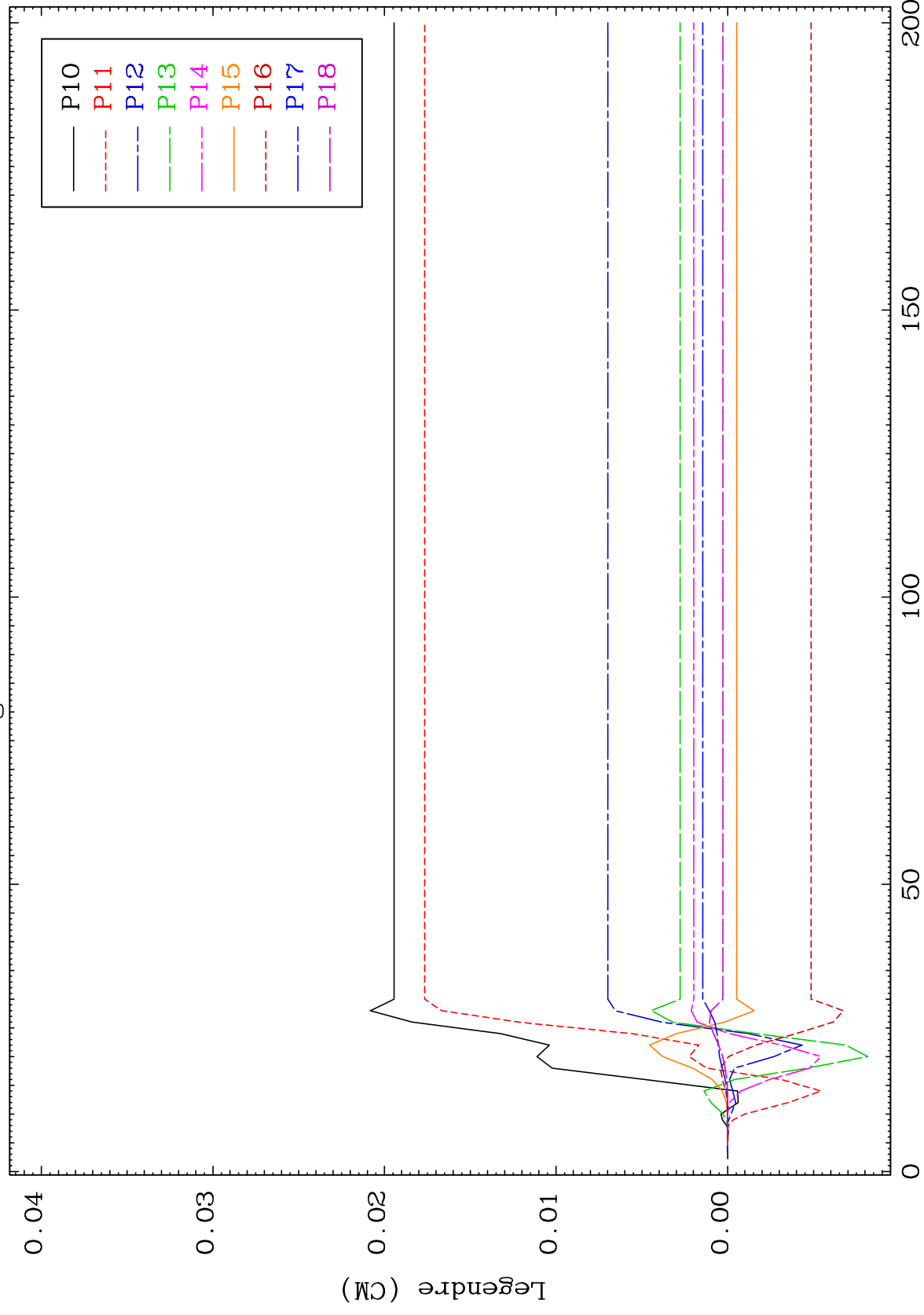
Incident Energy (MeV)

53

MAT 5467

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

54-Xe-138



54-Xe-138

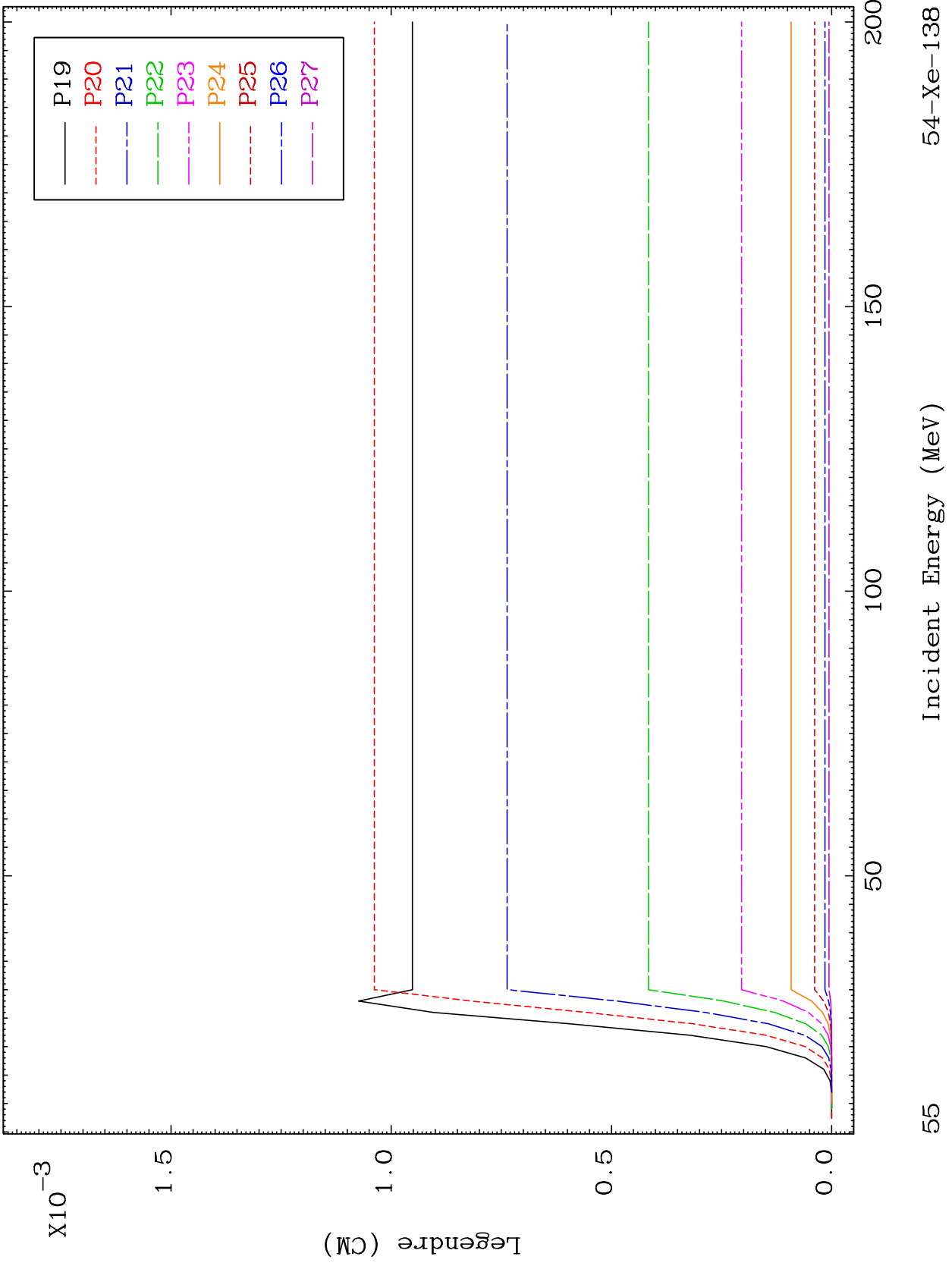
Incident Energy (MeV)

54

MAT 5467

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

54-Xe-138



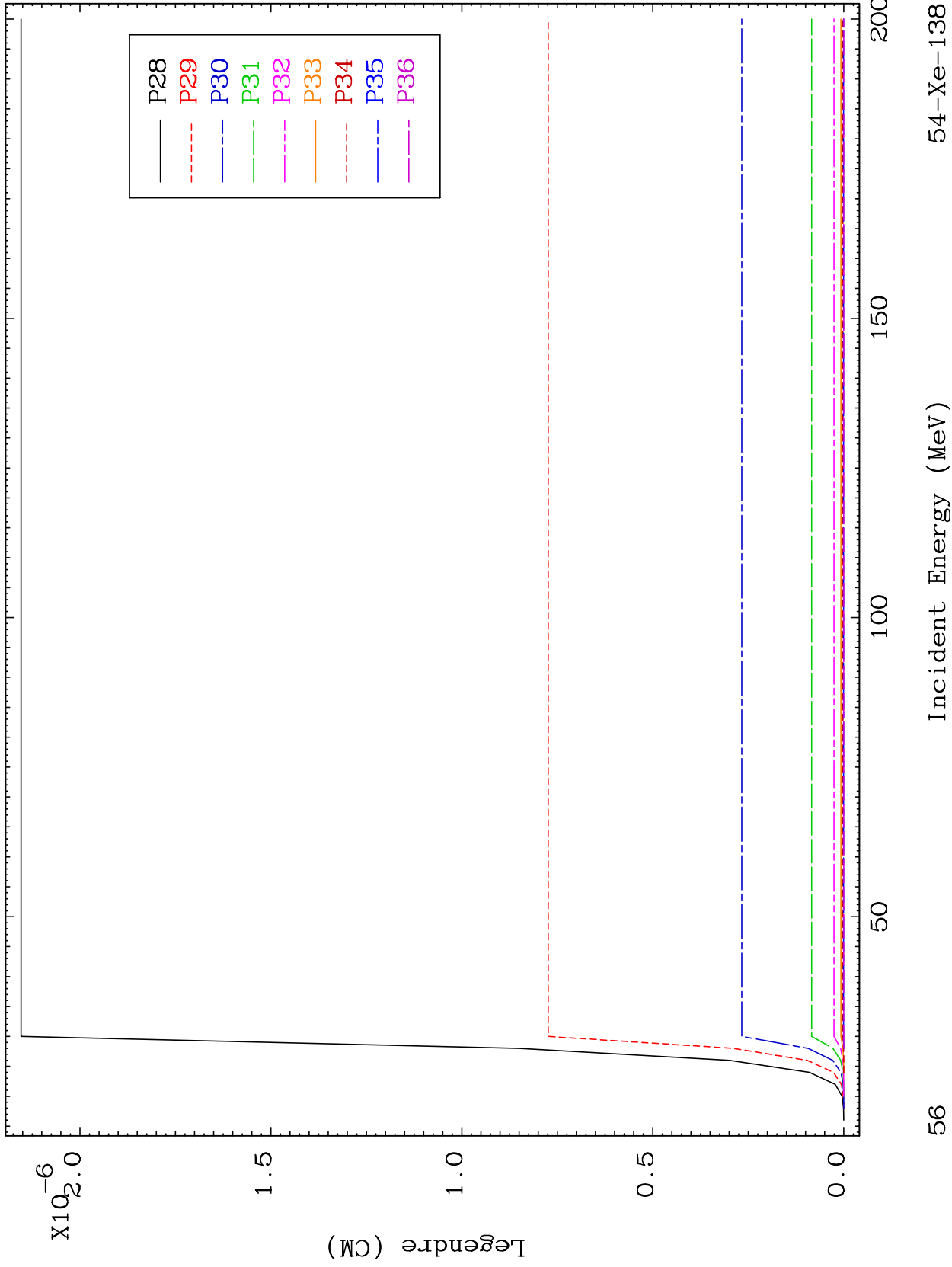
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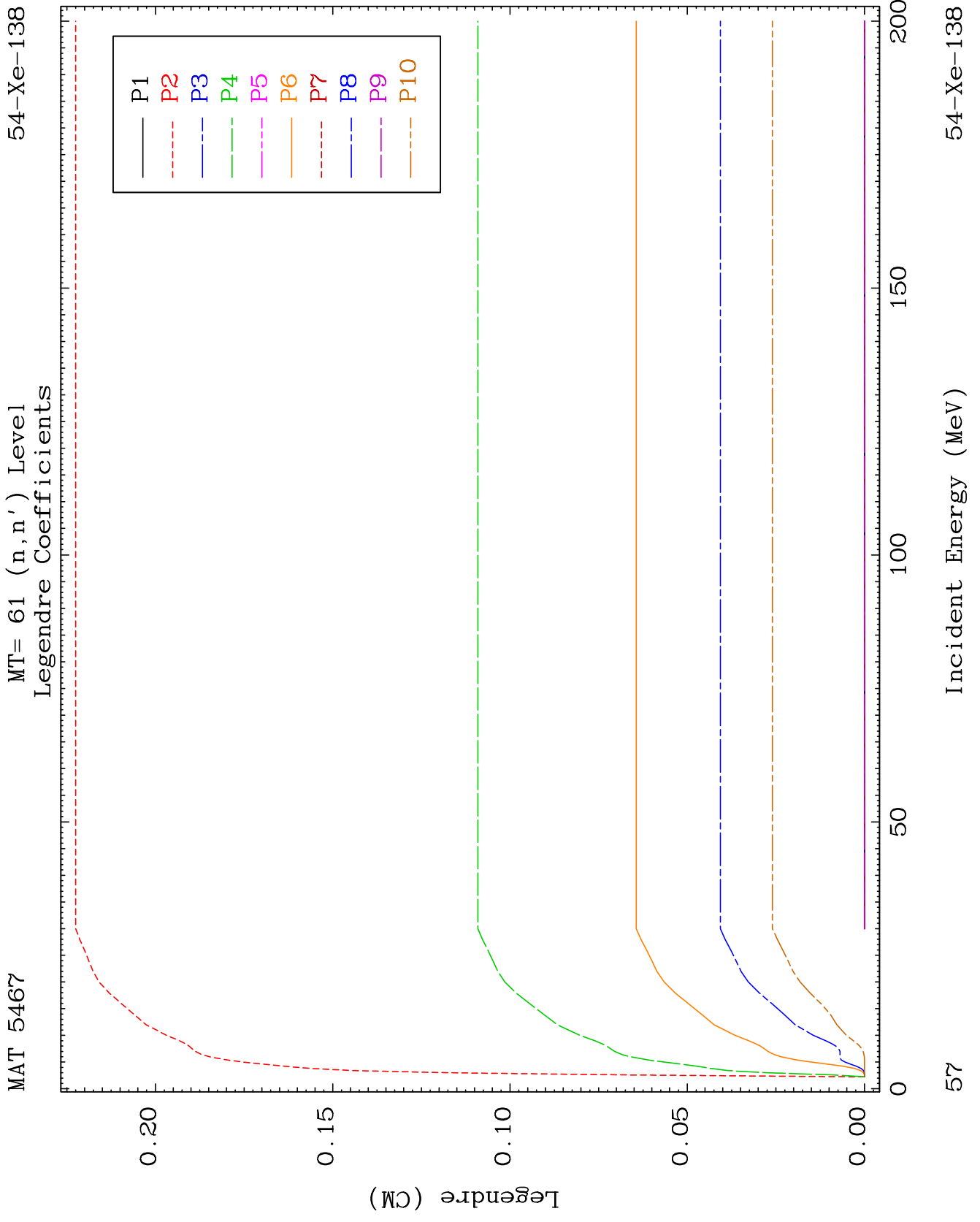
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MAT 5467

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

54-Xe-138

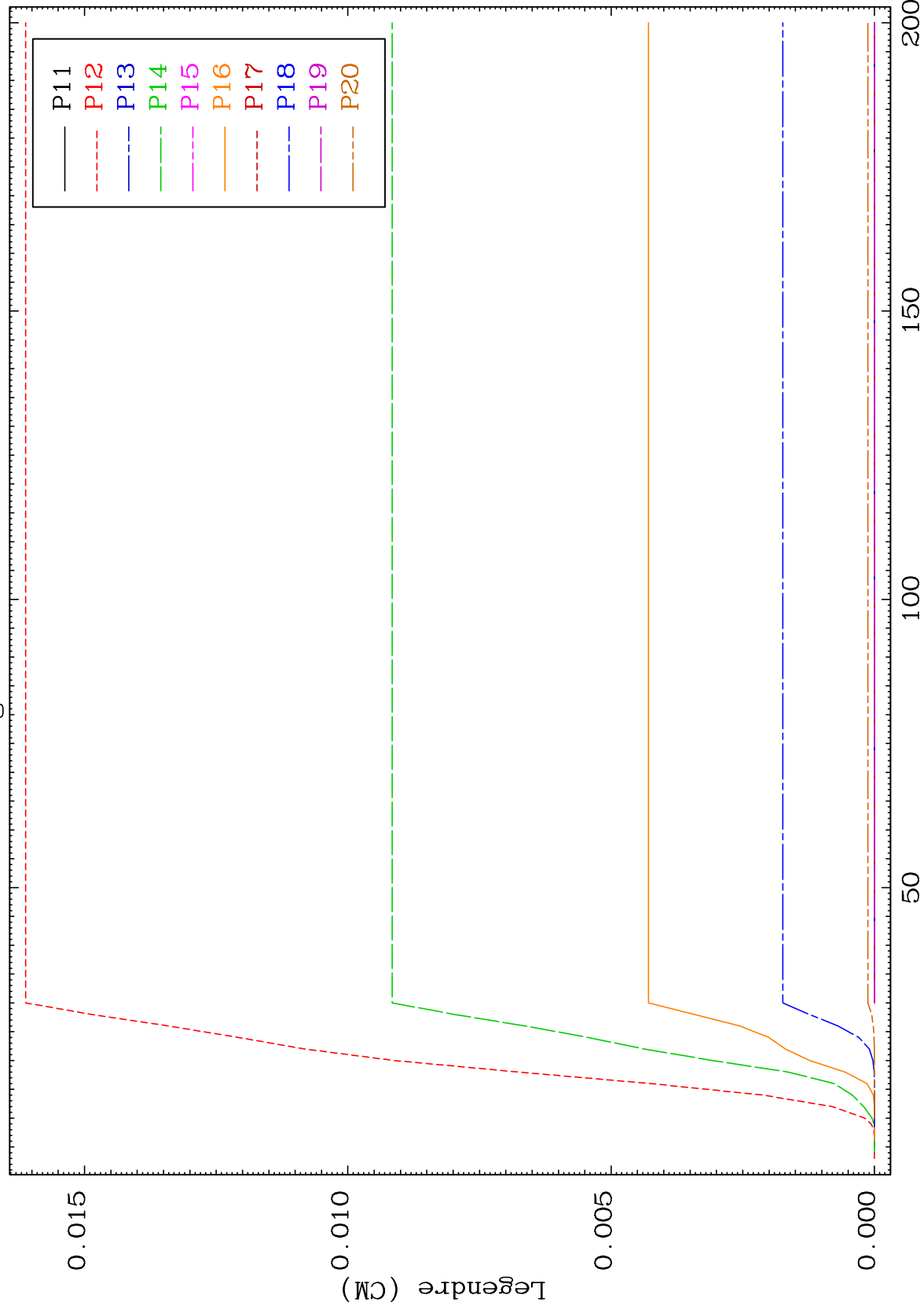




MAT 5467

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

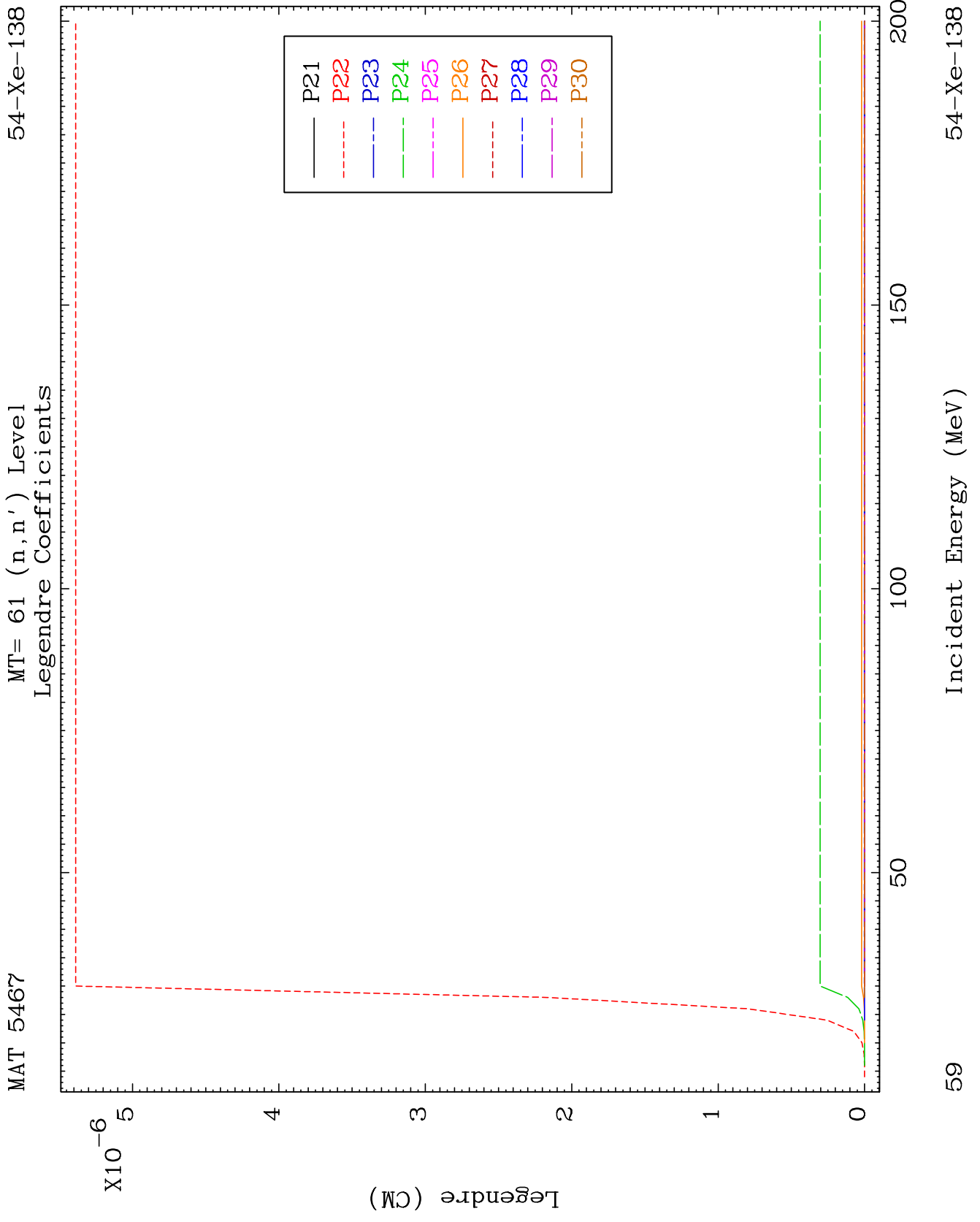
54-Xe-138



58

Incident Energy (MeV)

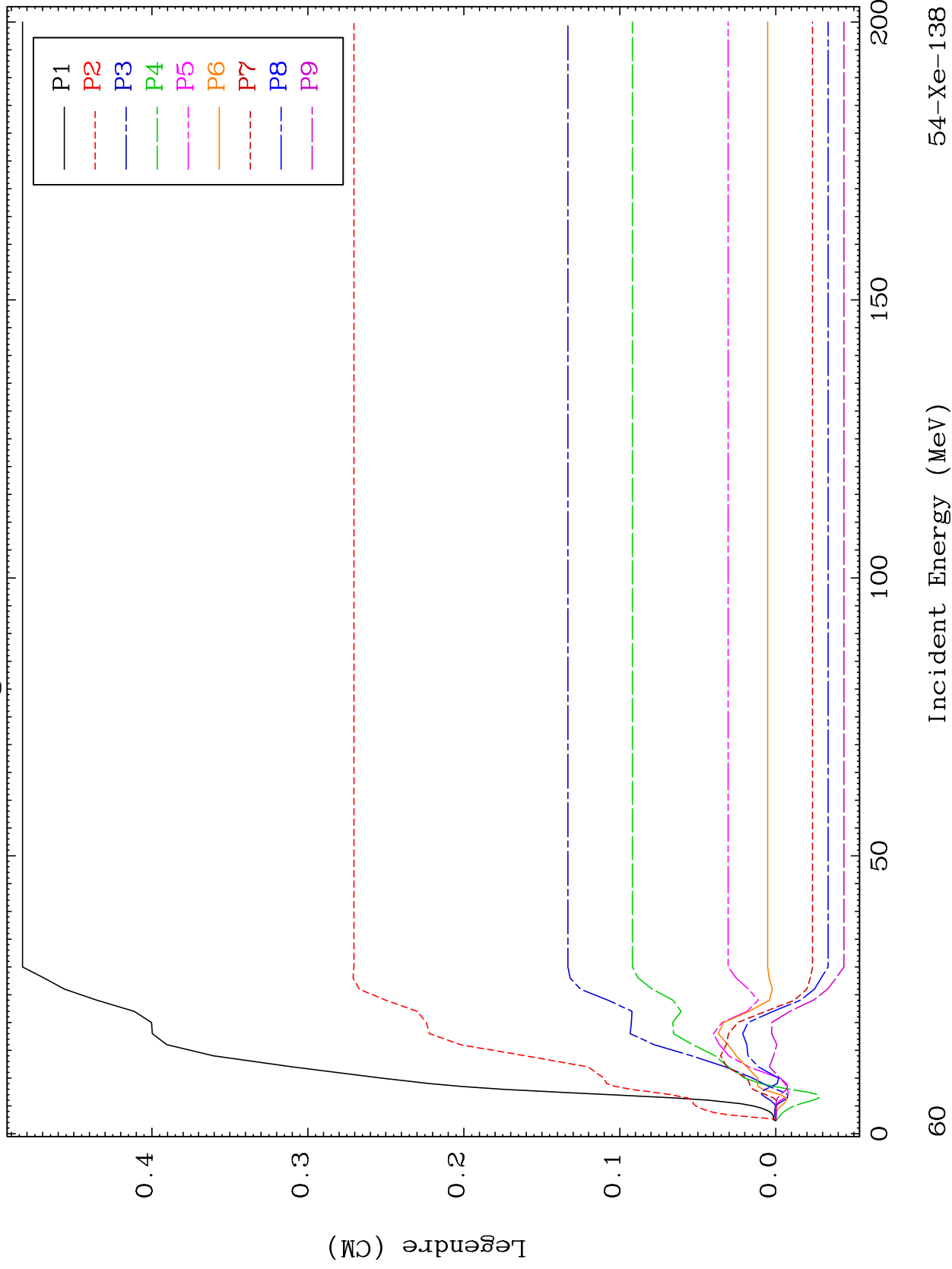
54-Xe-138



MAT 5467

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

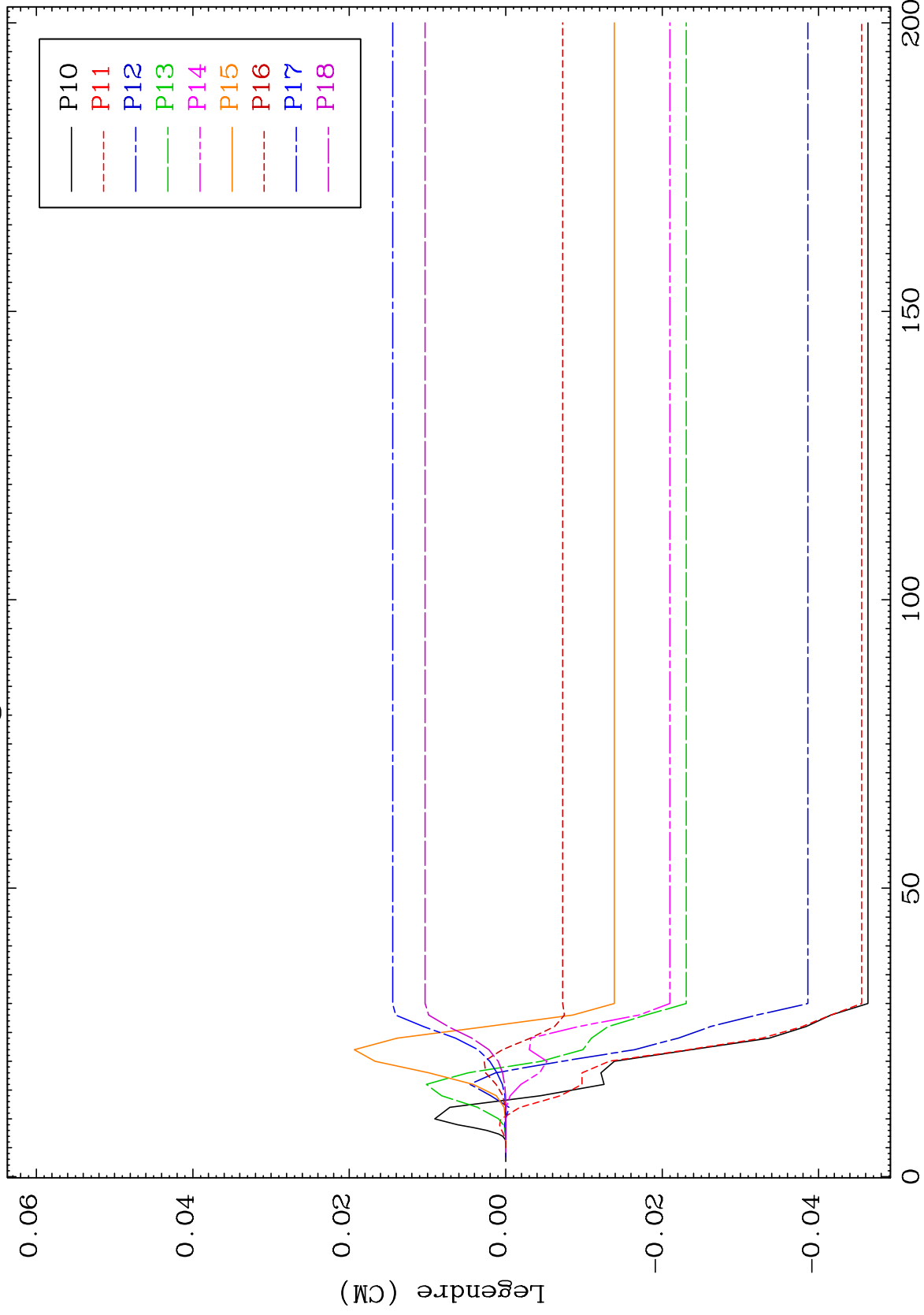
54-Xe-138



MAT 5467

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

54-Xe-138



61

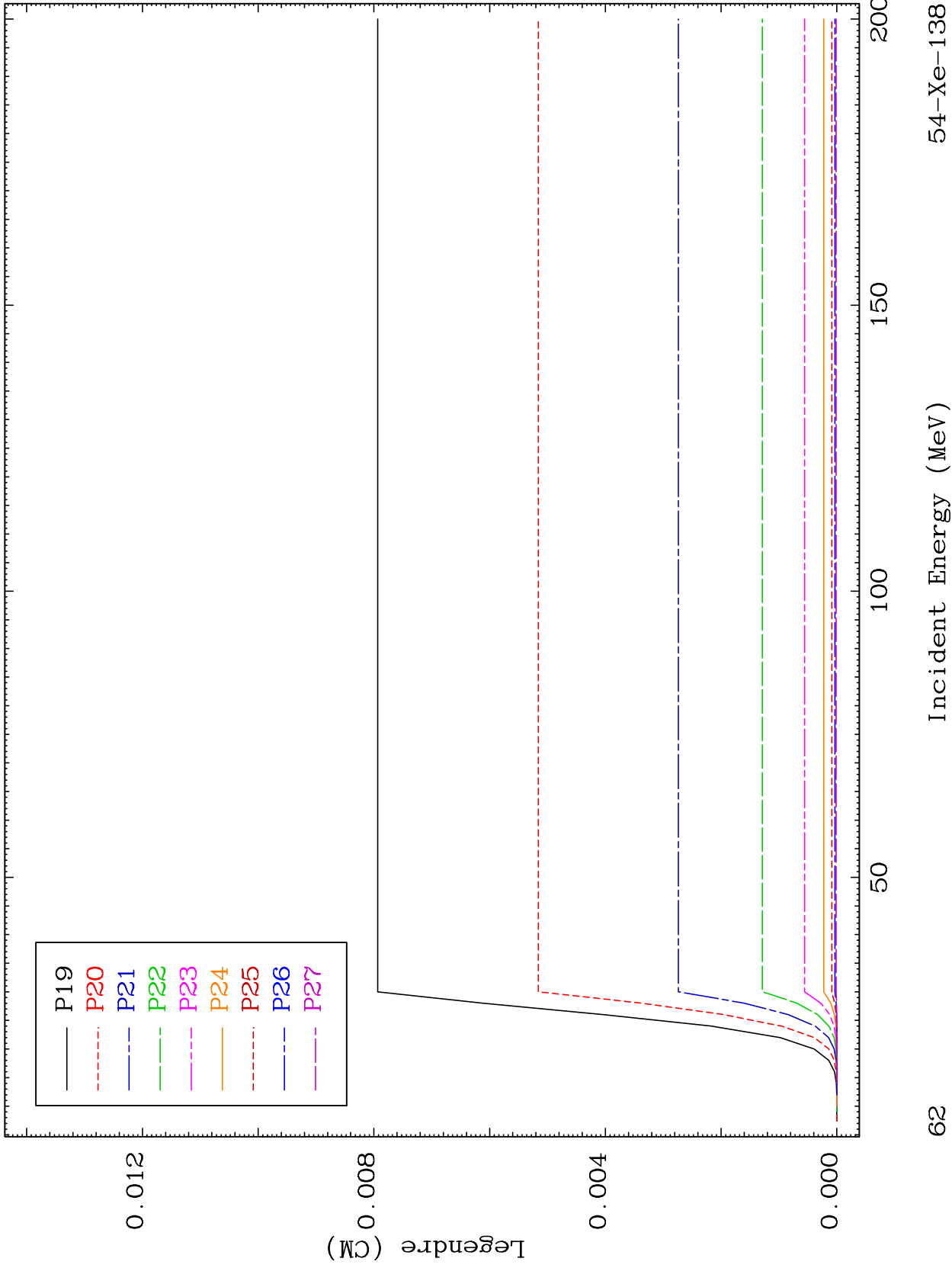
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



62

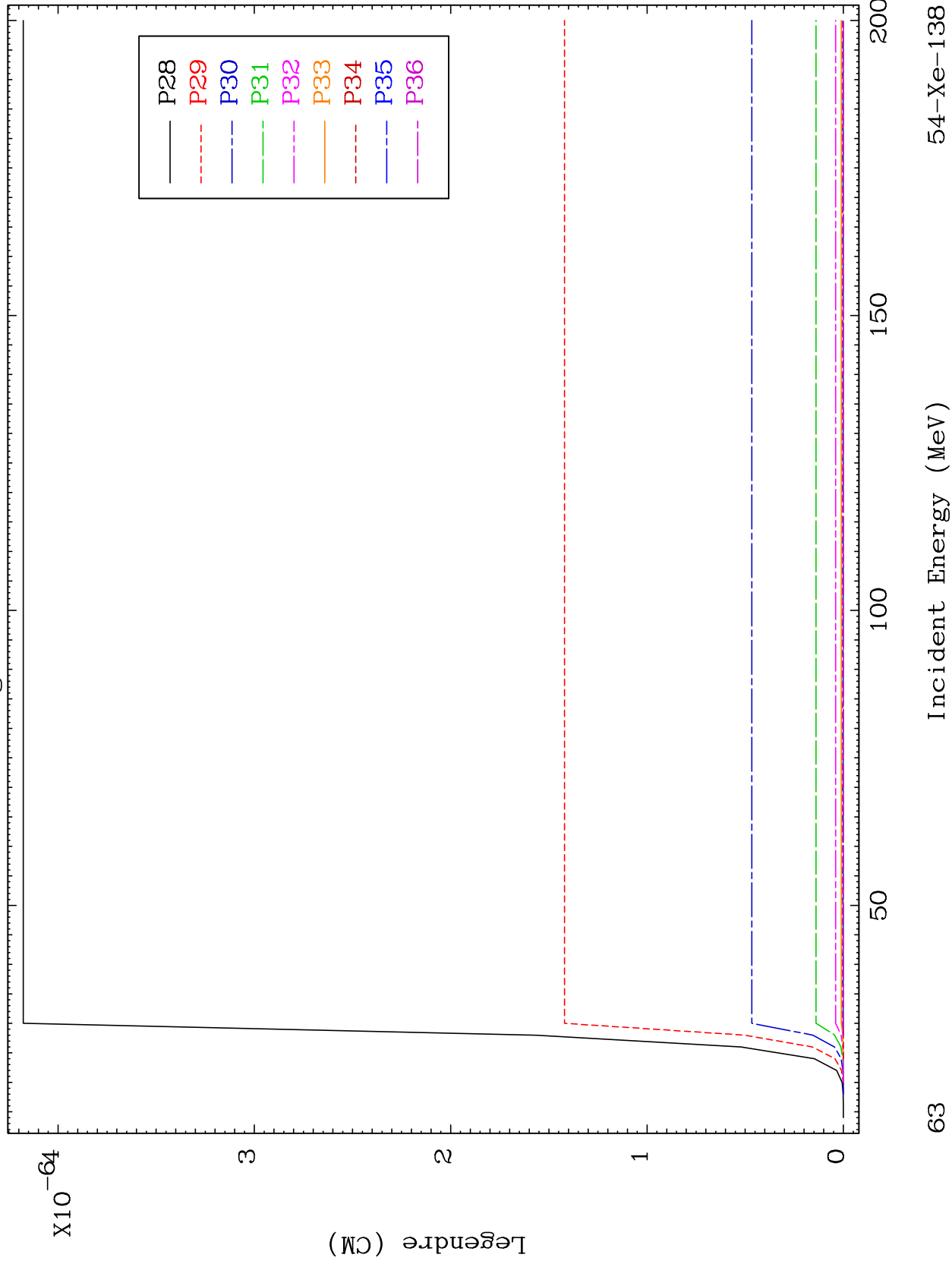
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

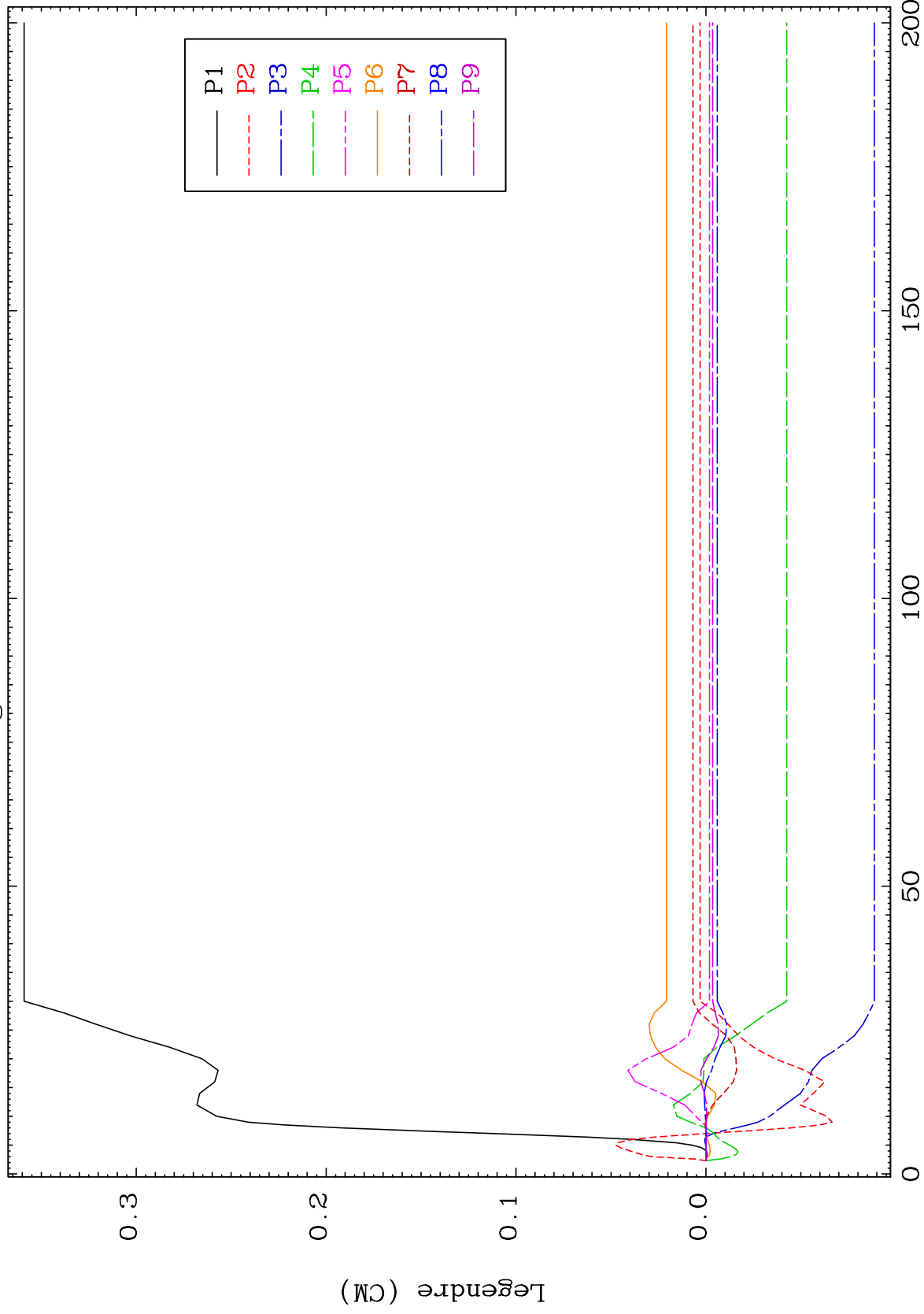
54-Xe-138



MAT 5467

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

54-Xe-138



64

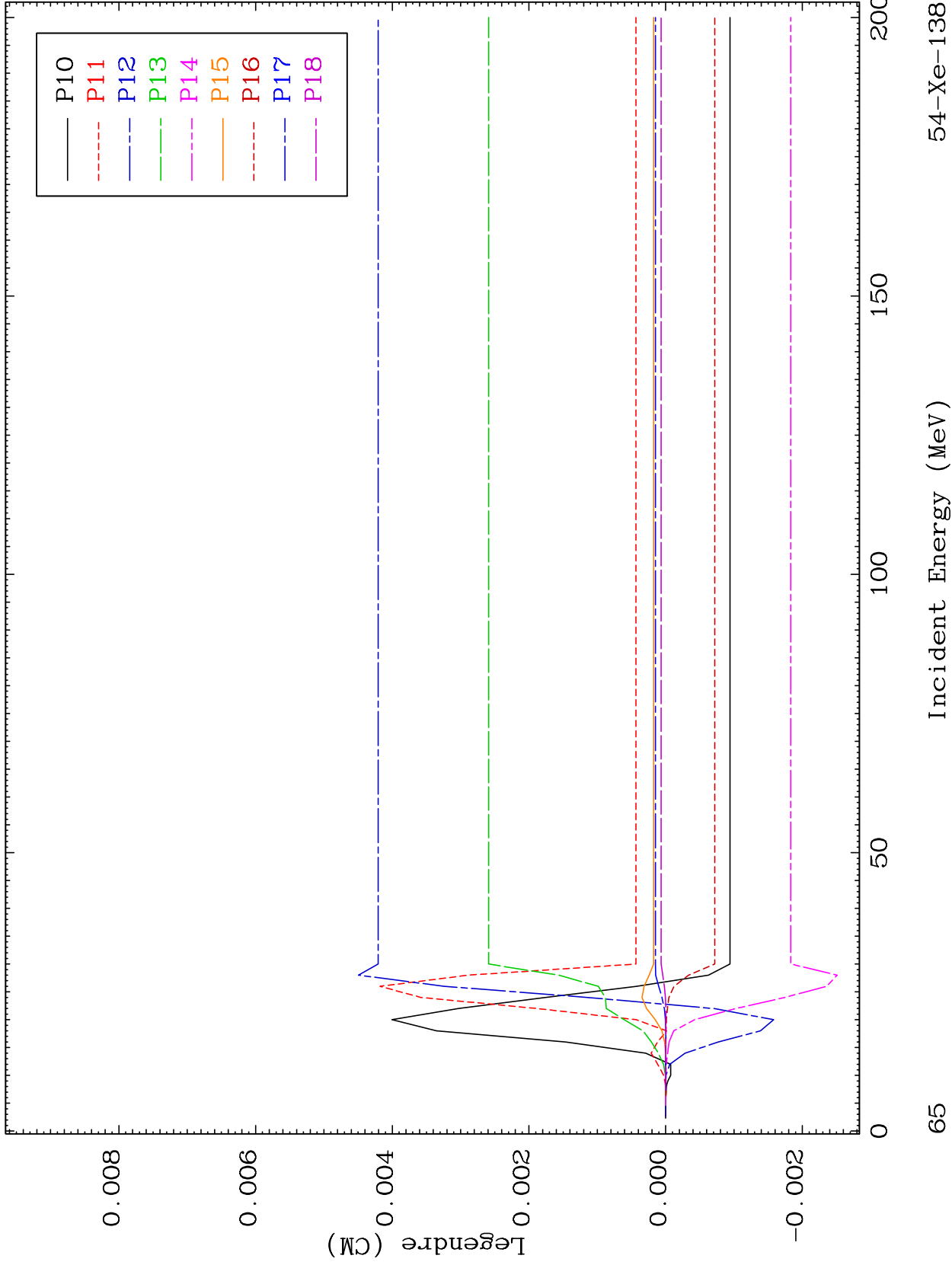
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

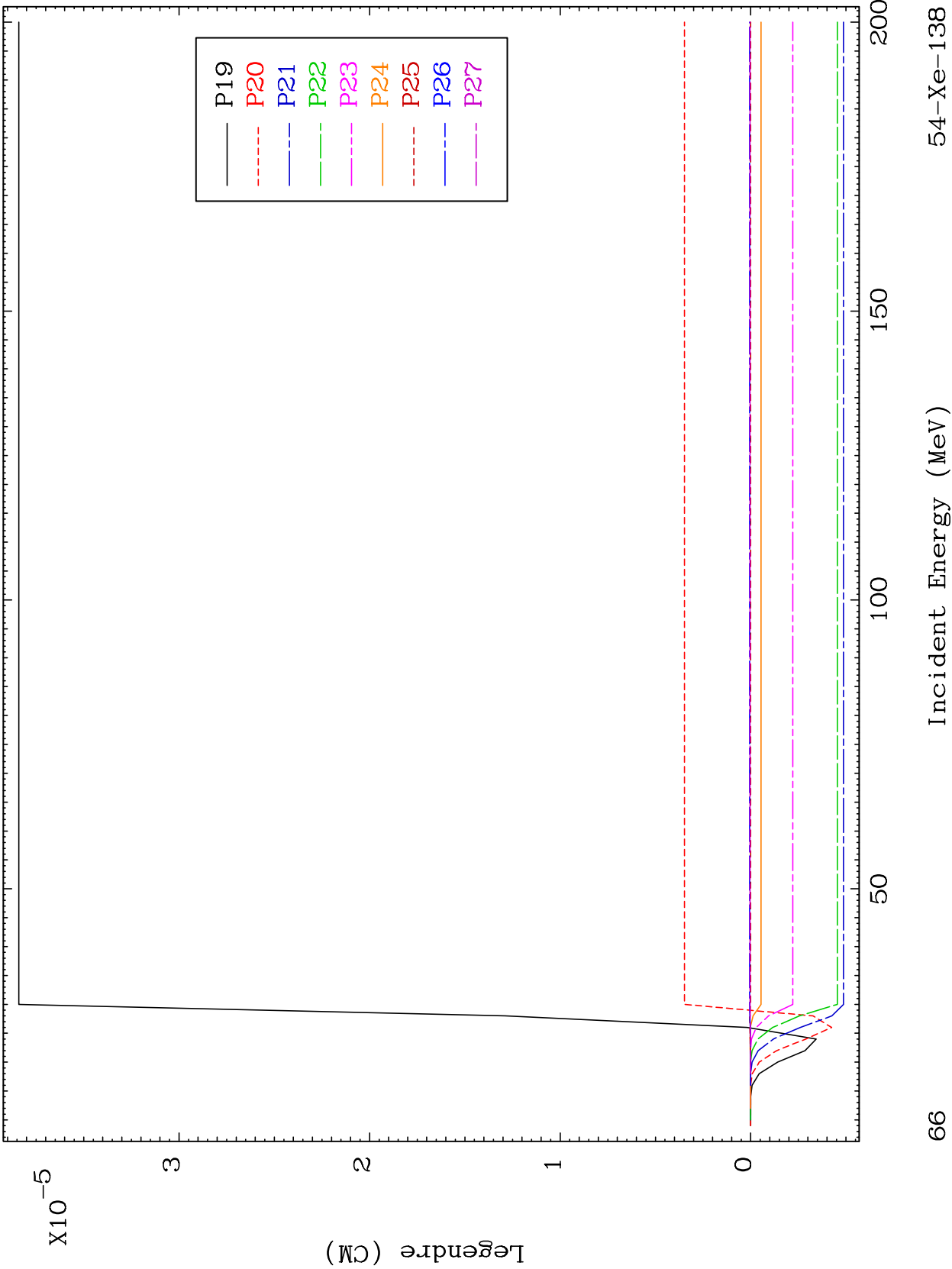
54-Xe-138



65

Incident Energy (MeV)

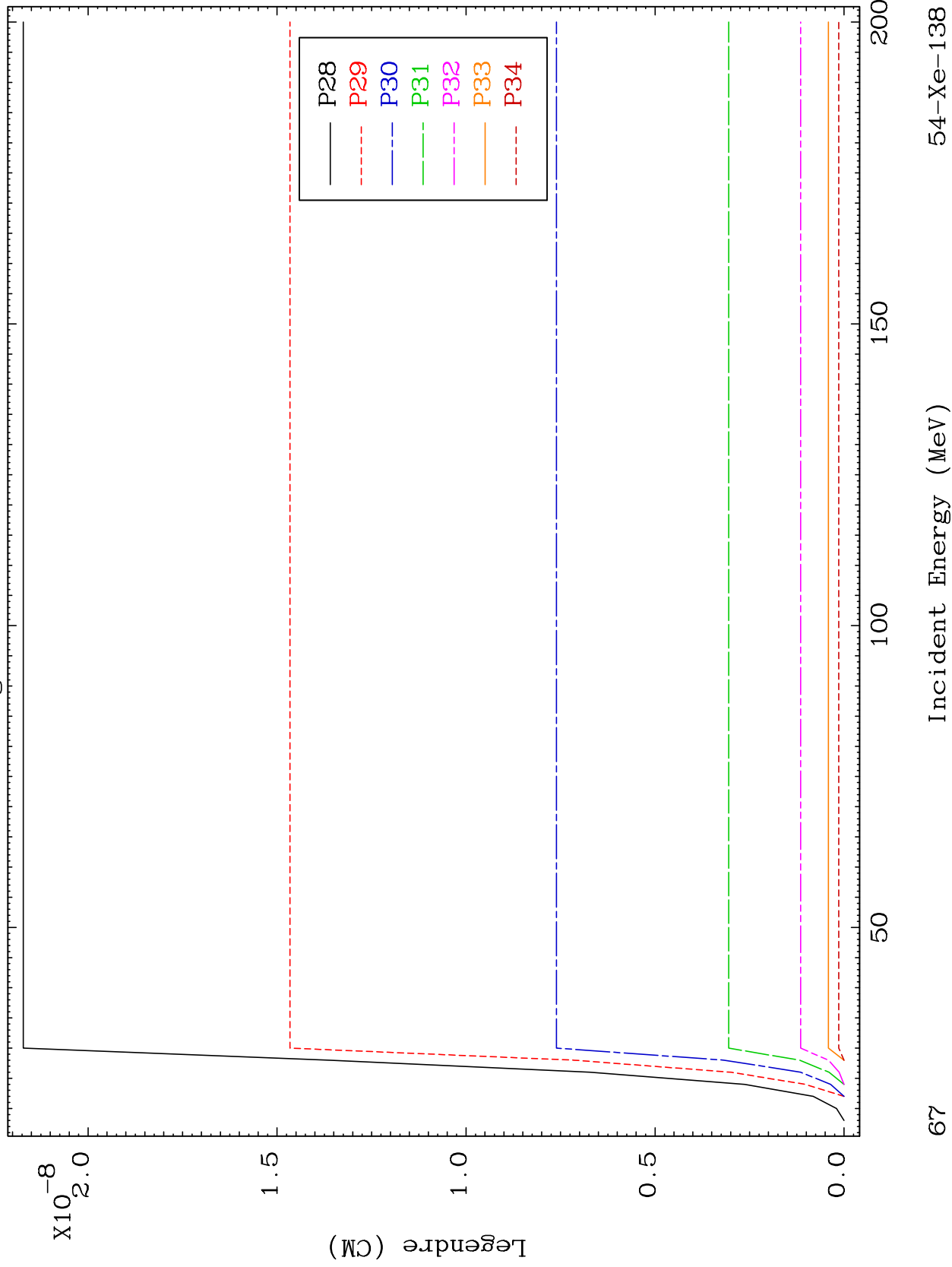
54-Xe-138



MAT 5467

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

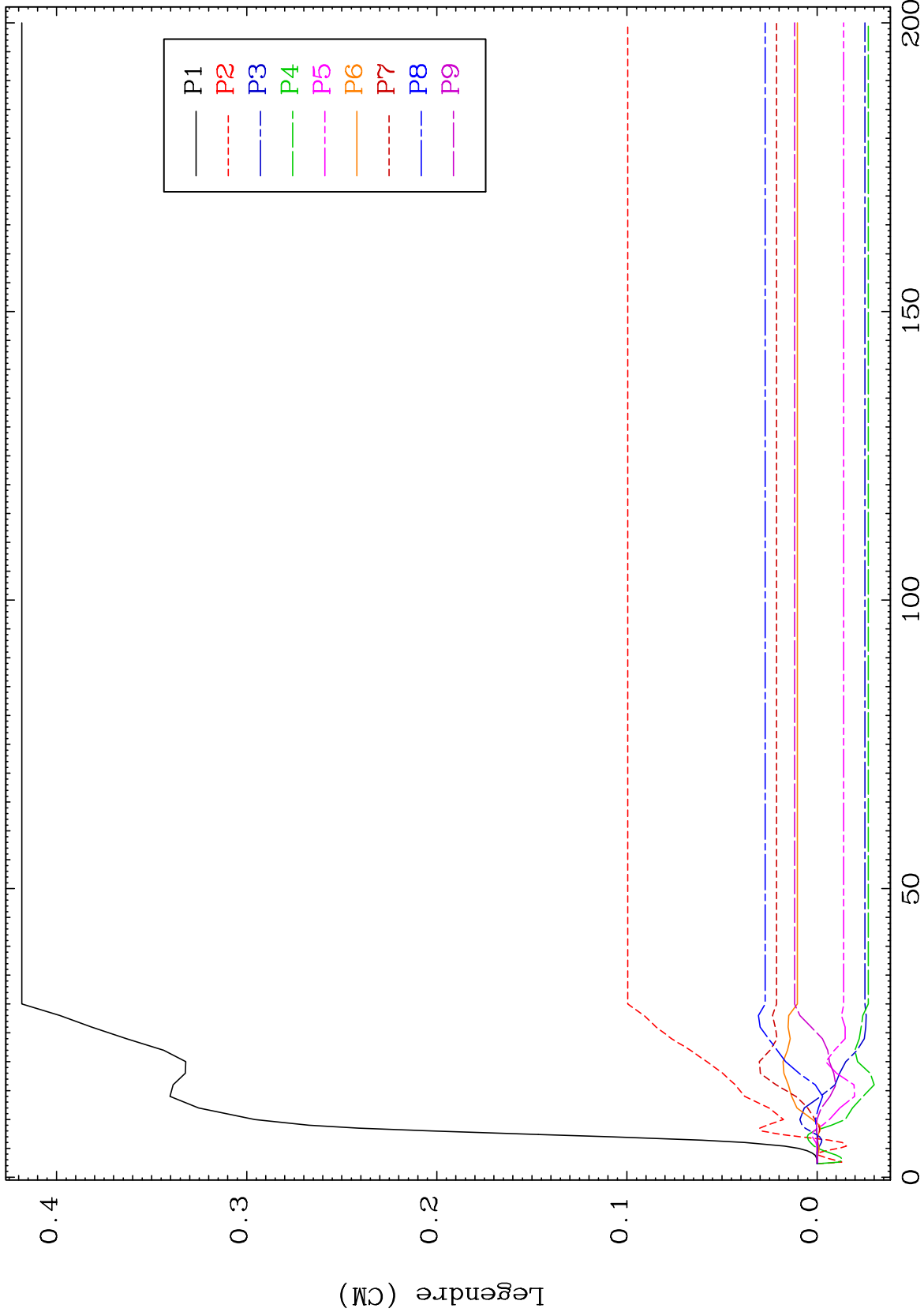
54-Xe-138



MAT 5467

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

54-Xe-138



68

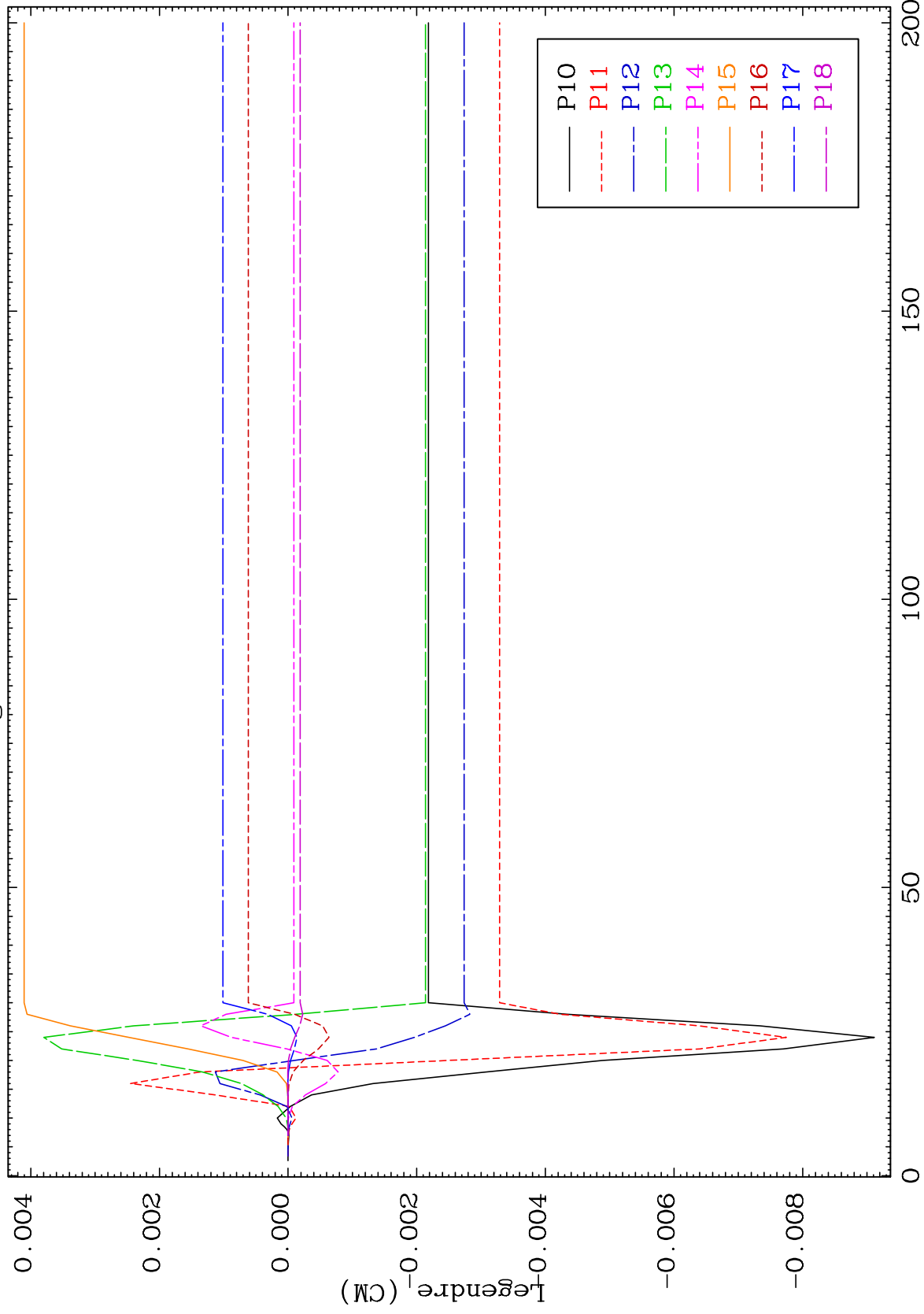
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



69

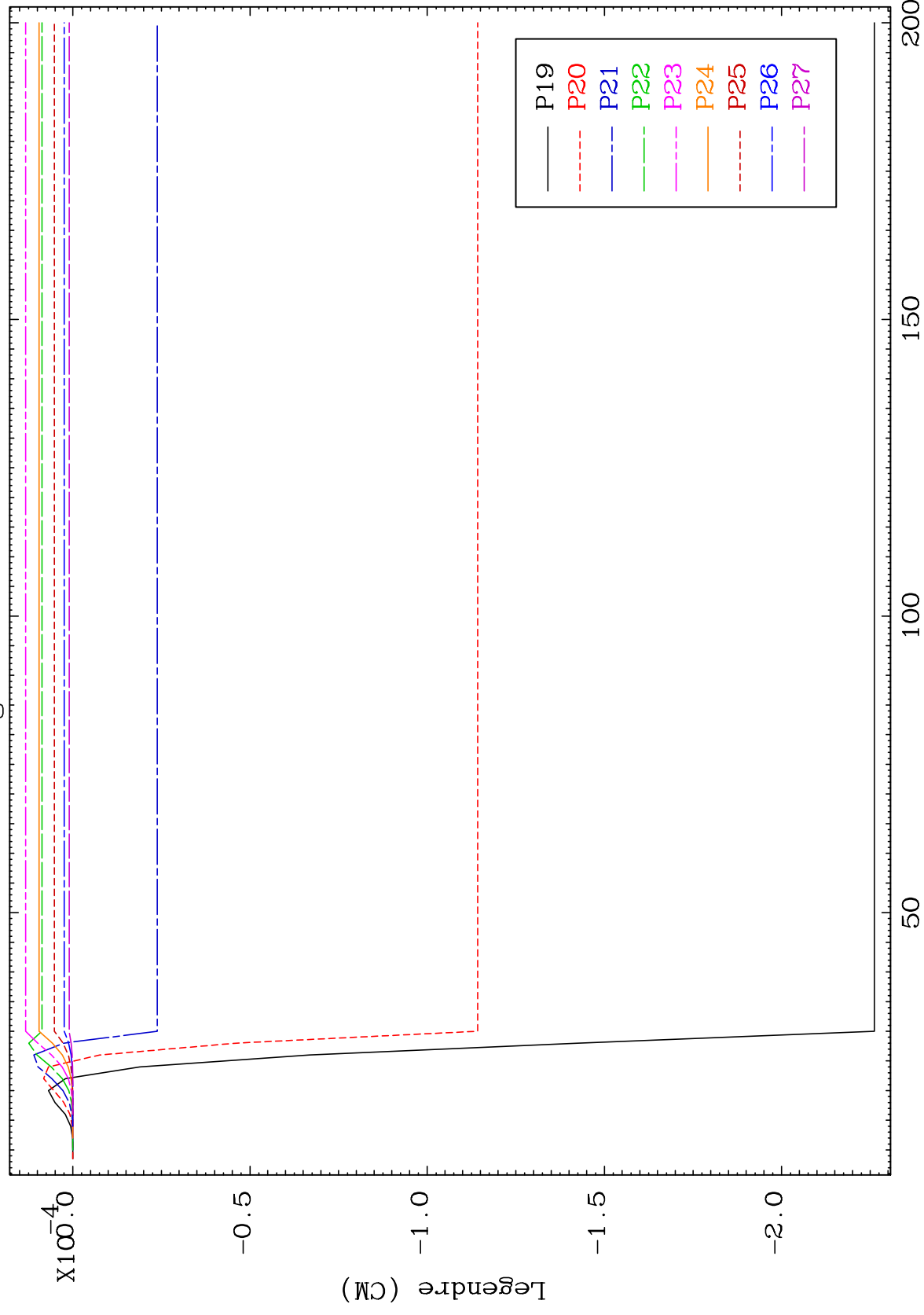
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



70

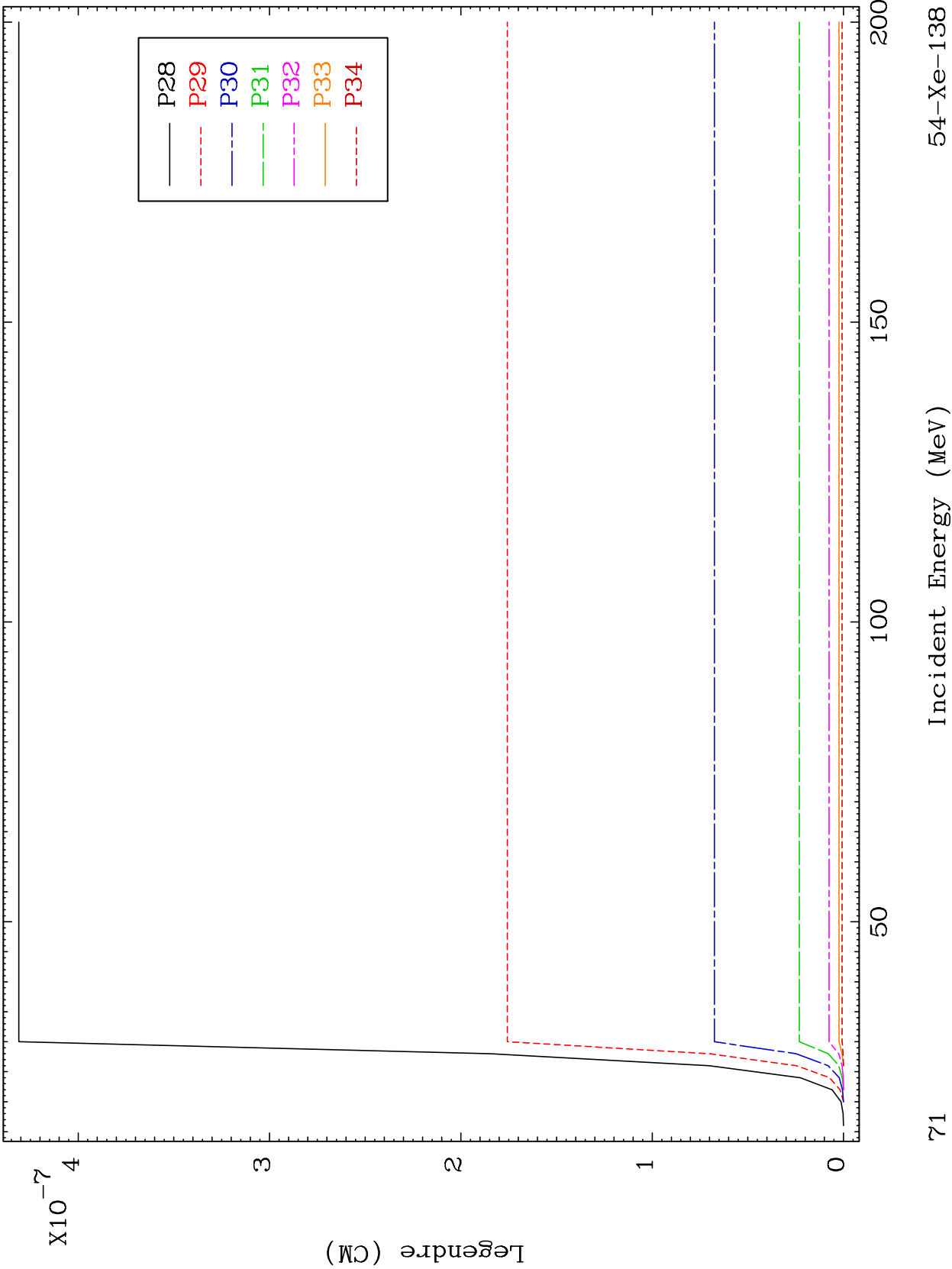
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



71

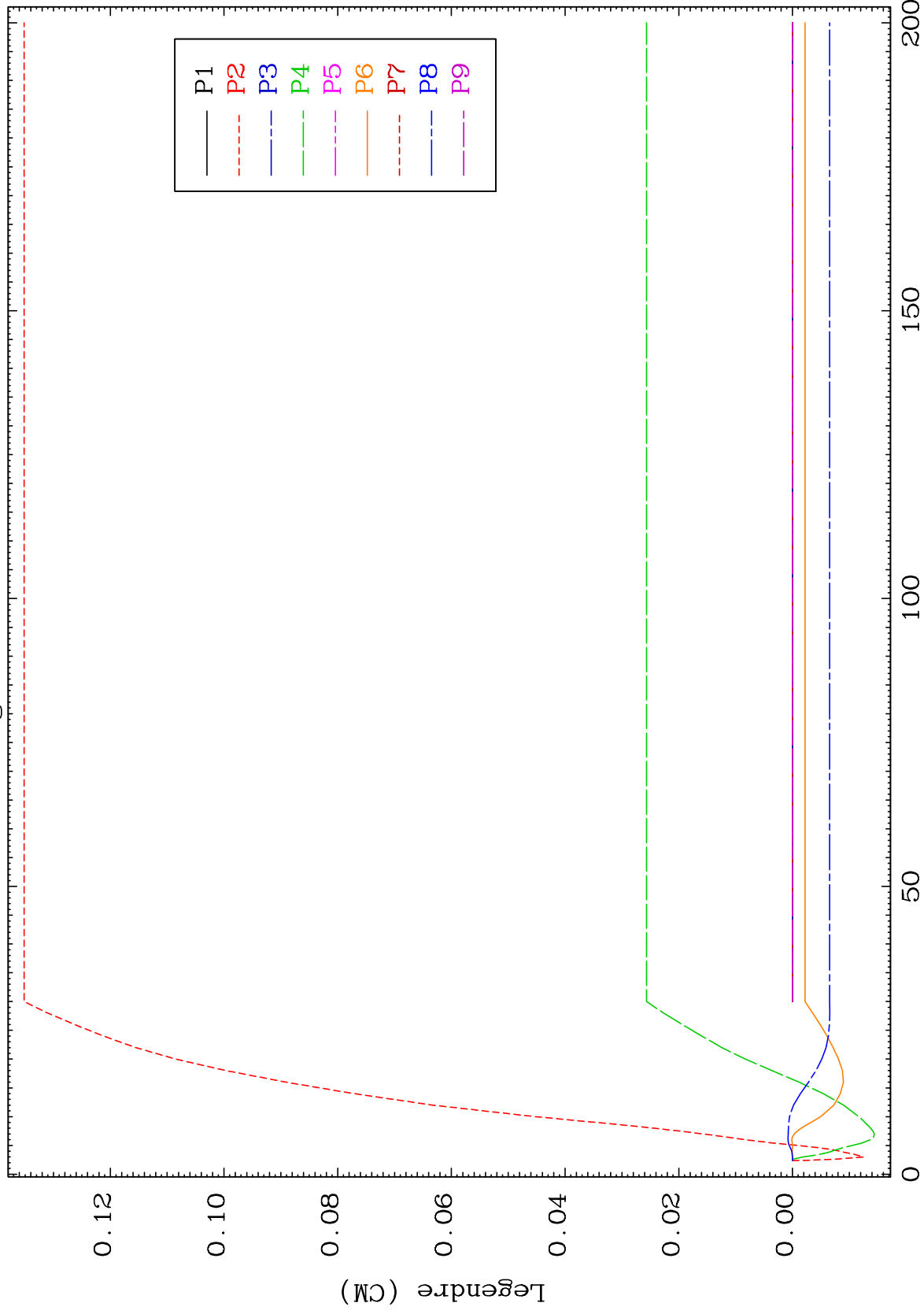
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



72

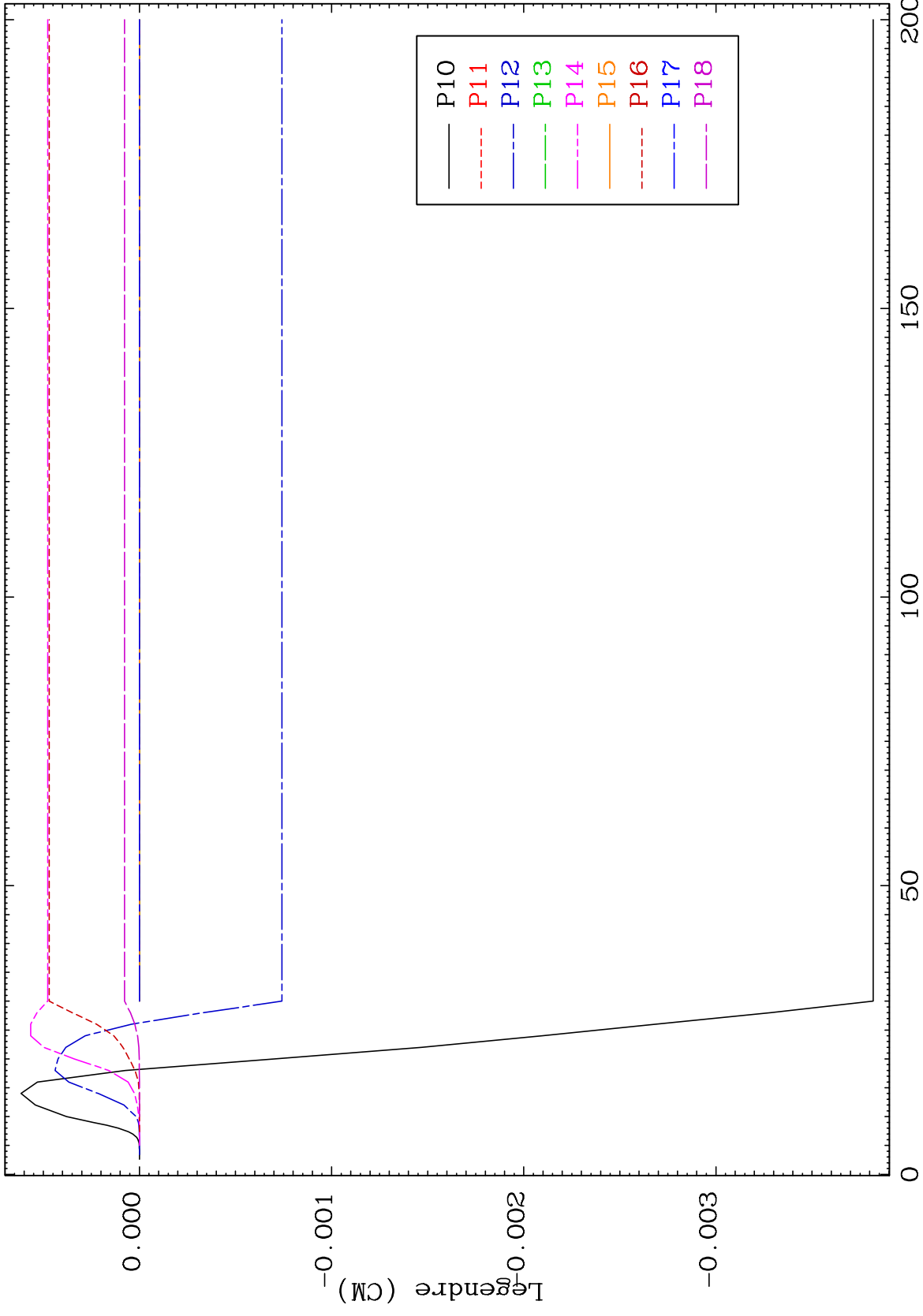
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



73

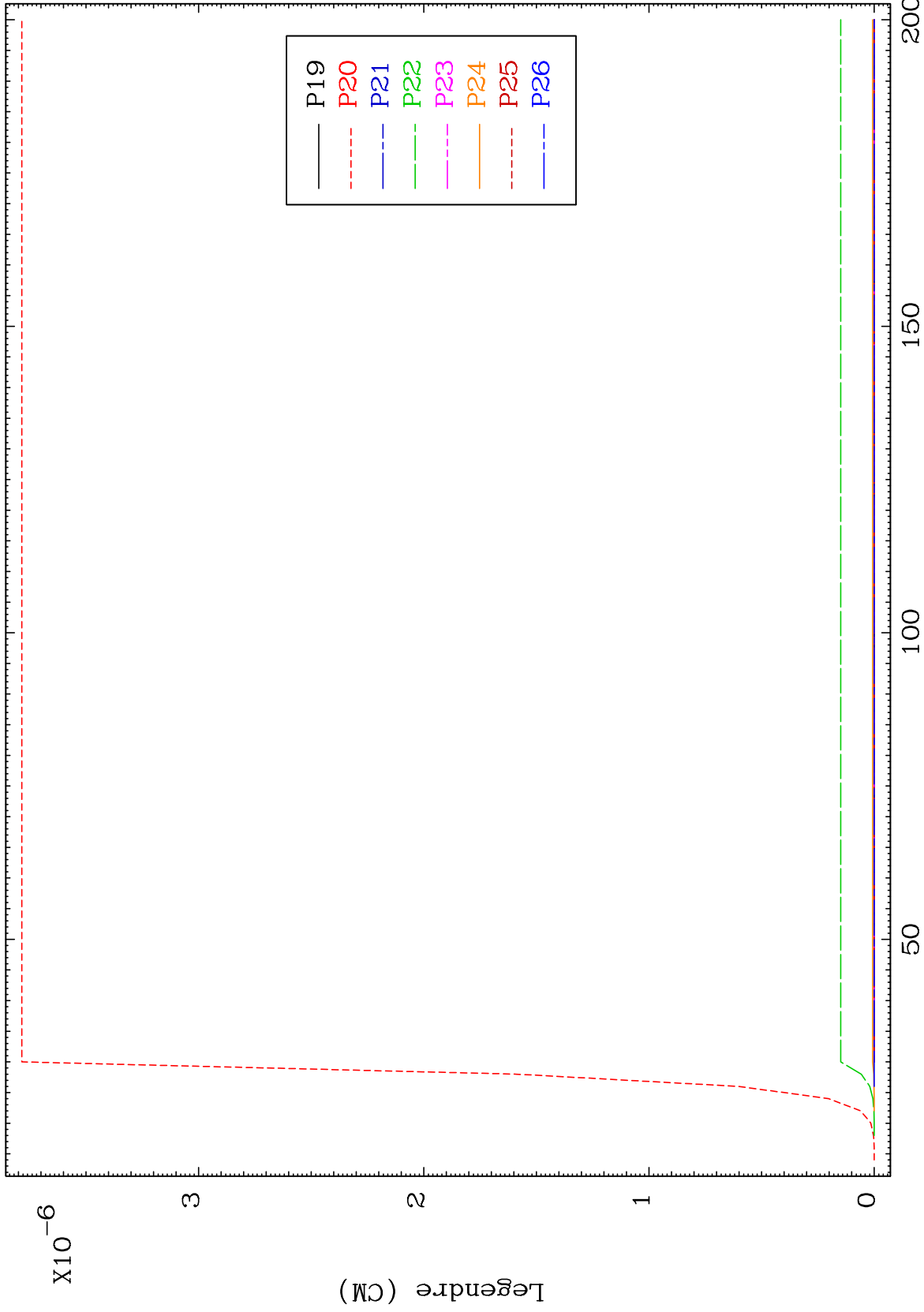
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



74

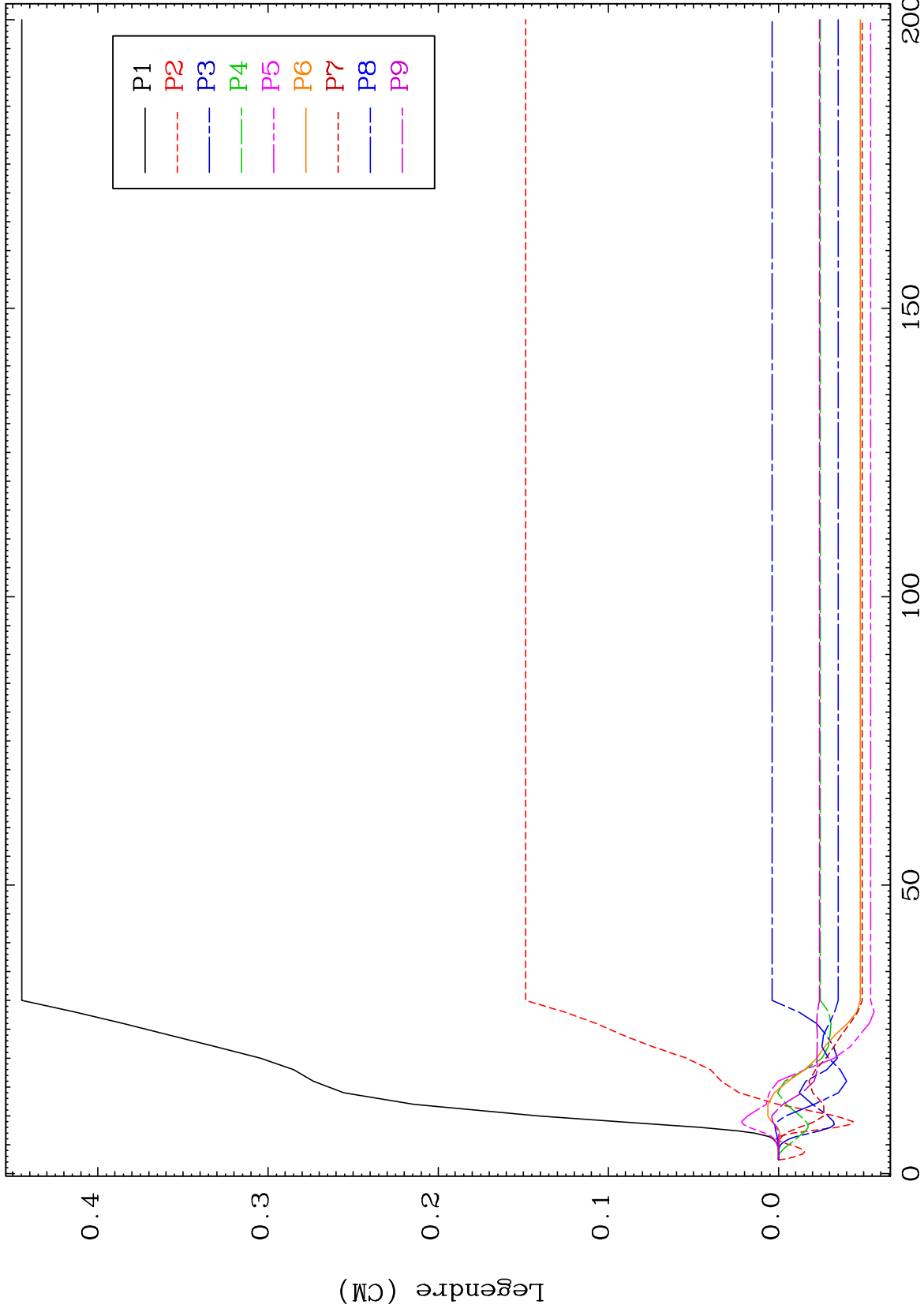
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



75

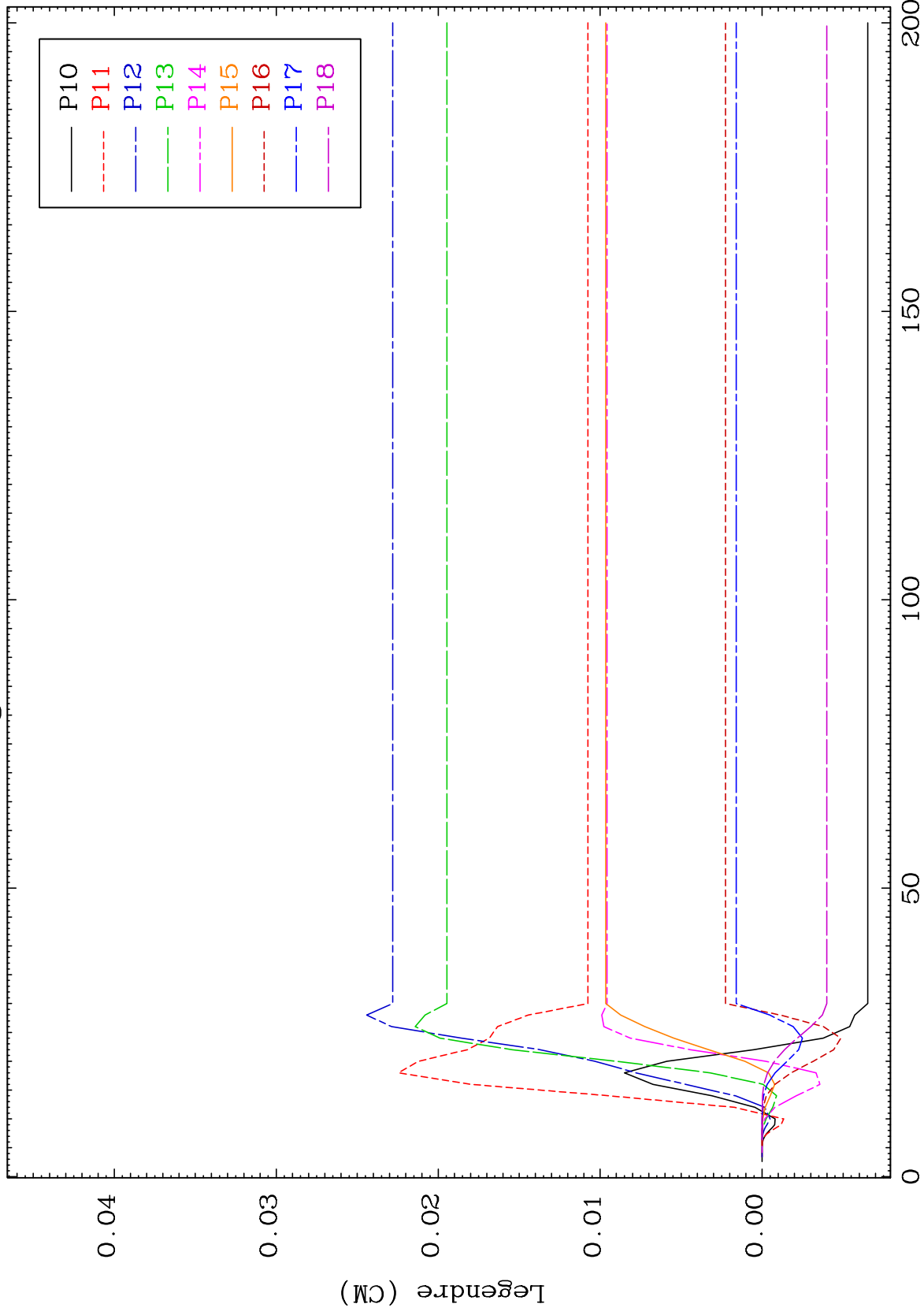
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



76

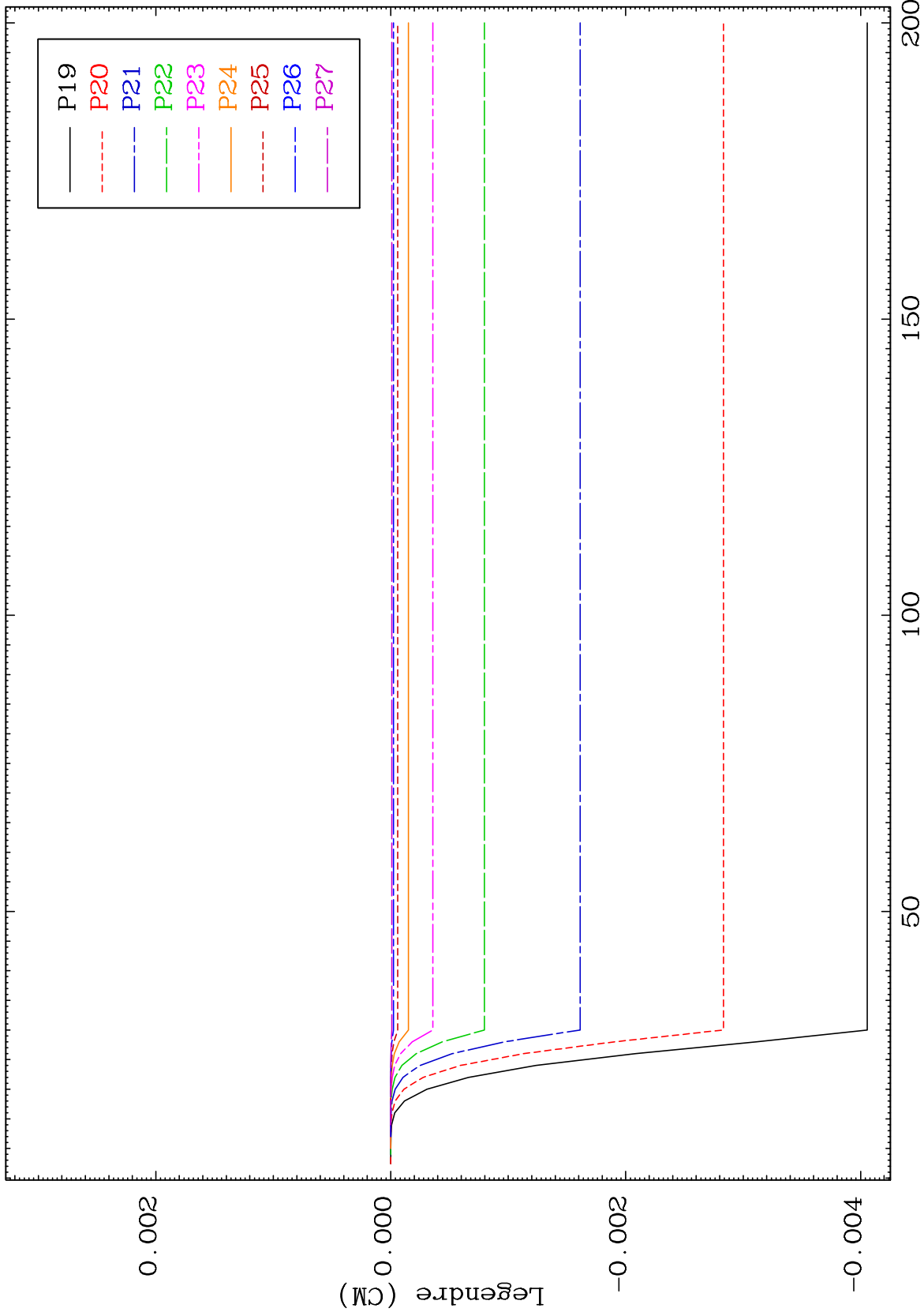
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



77

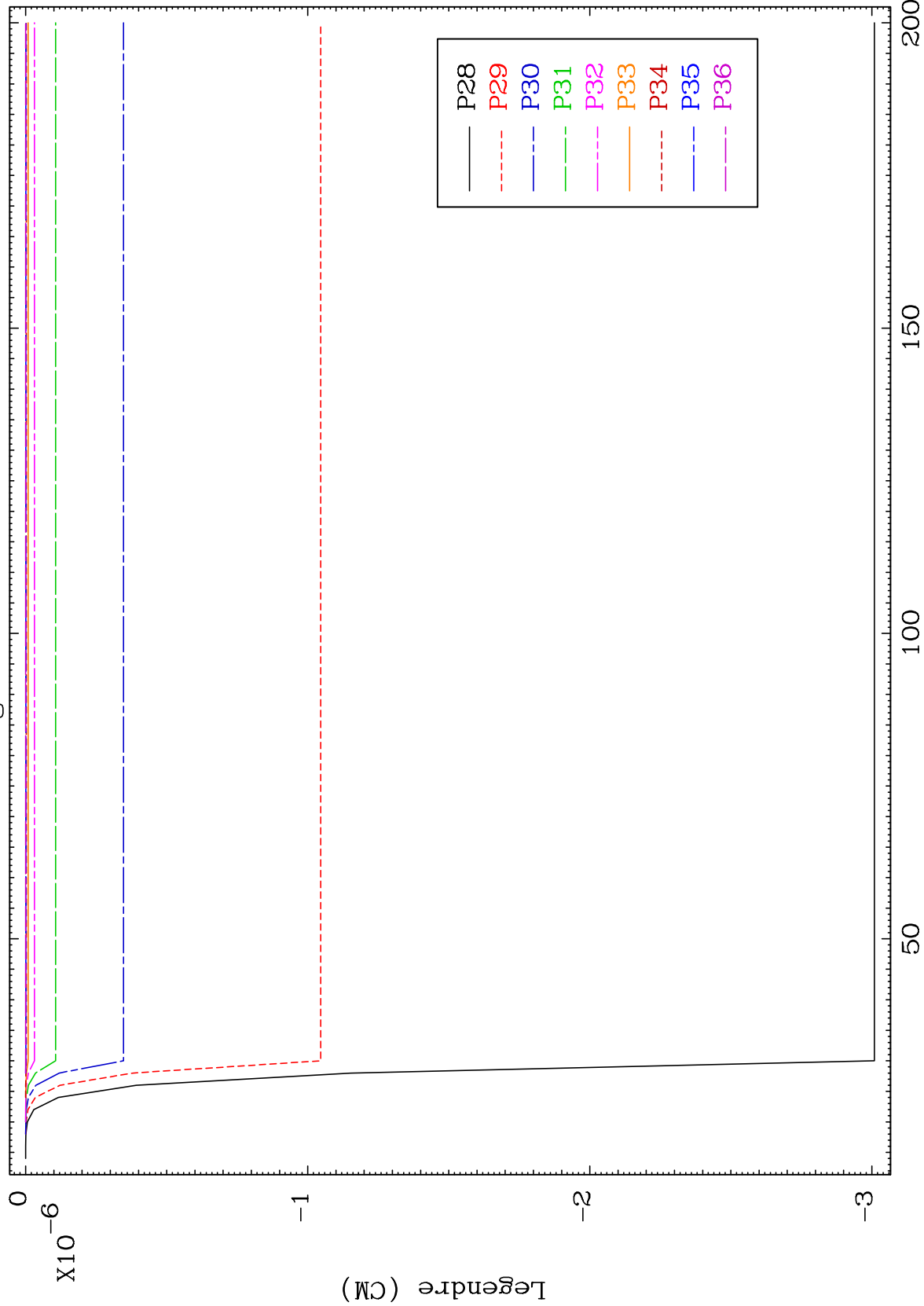
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



78

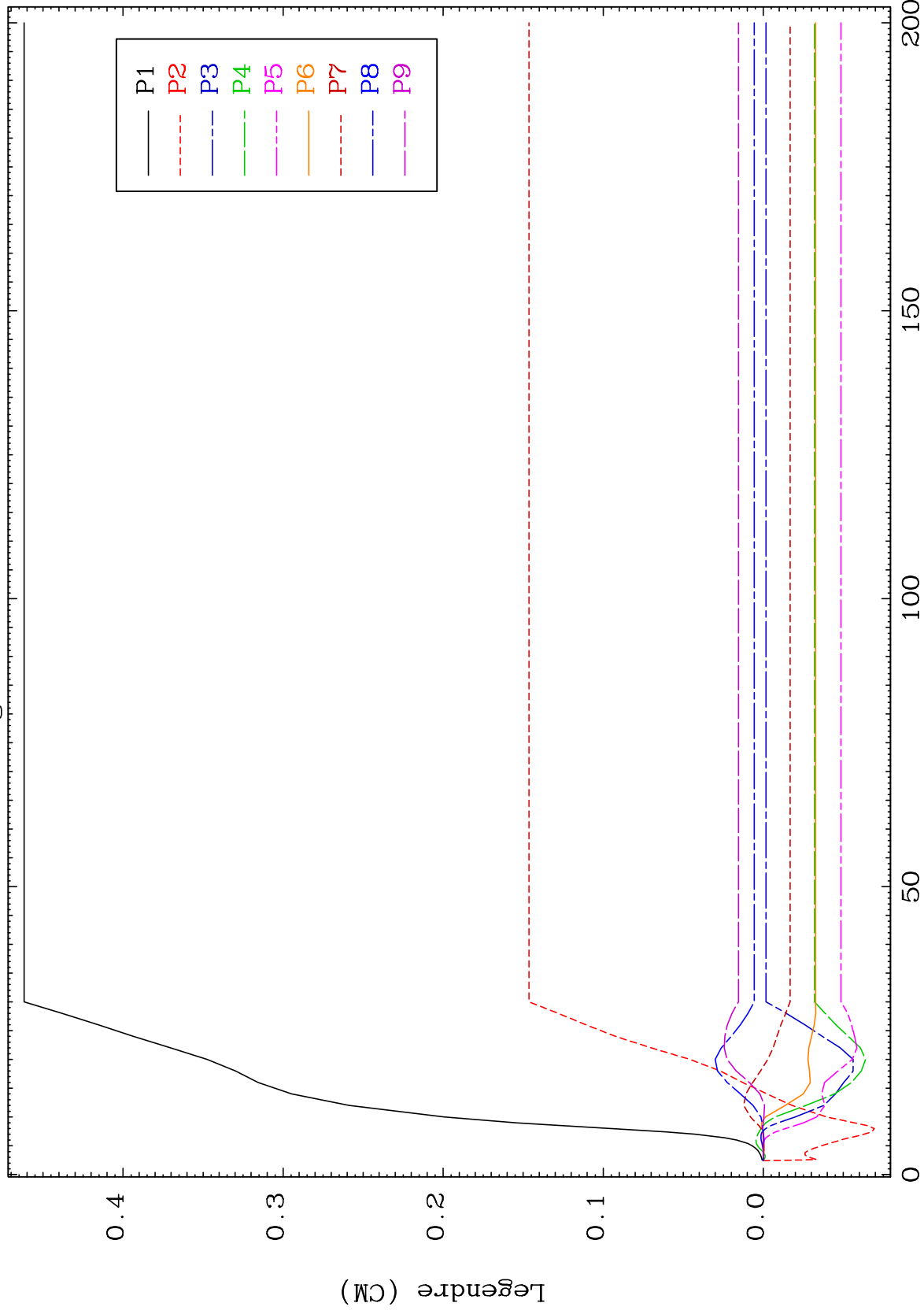
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



79

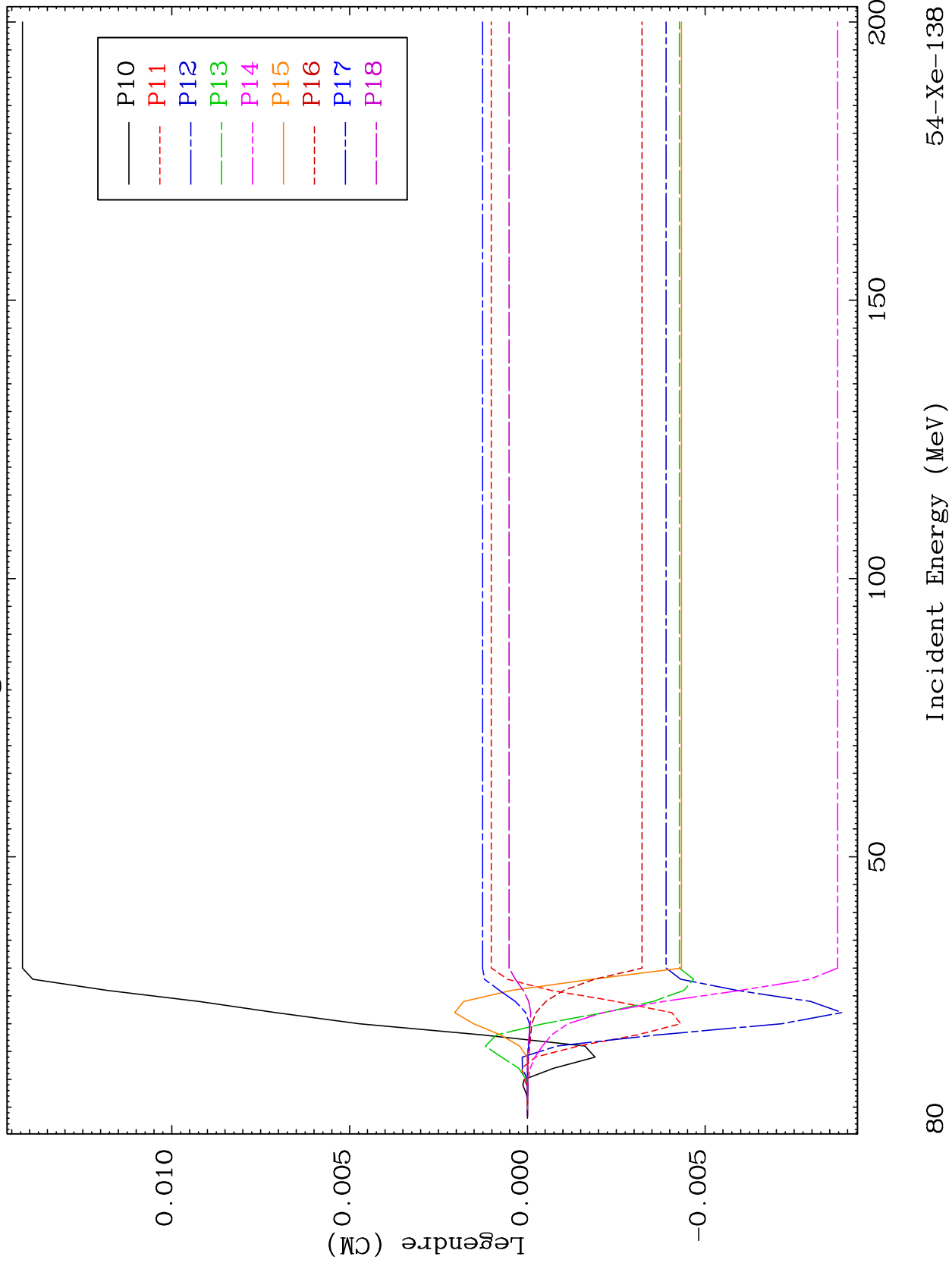
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

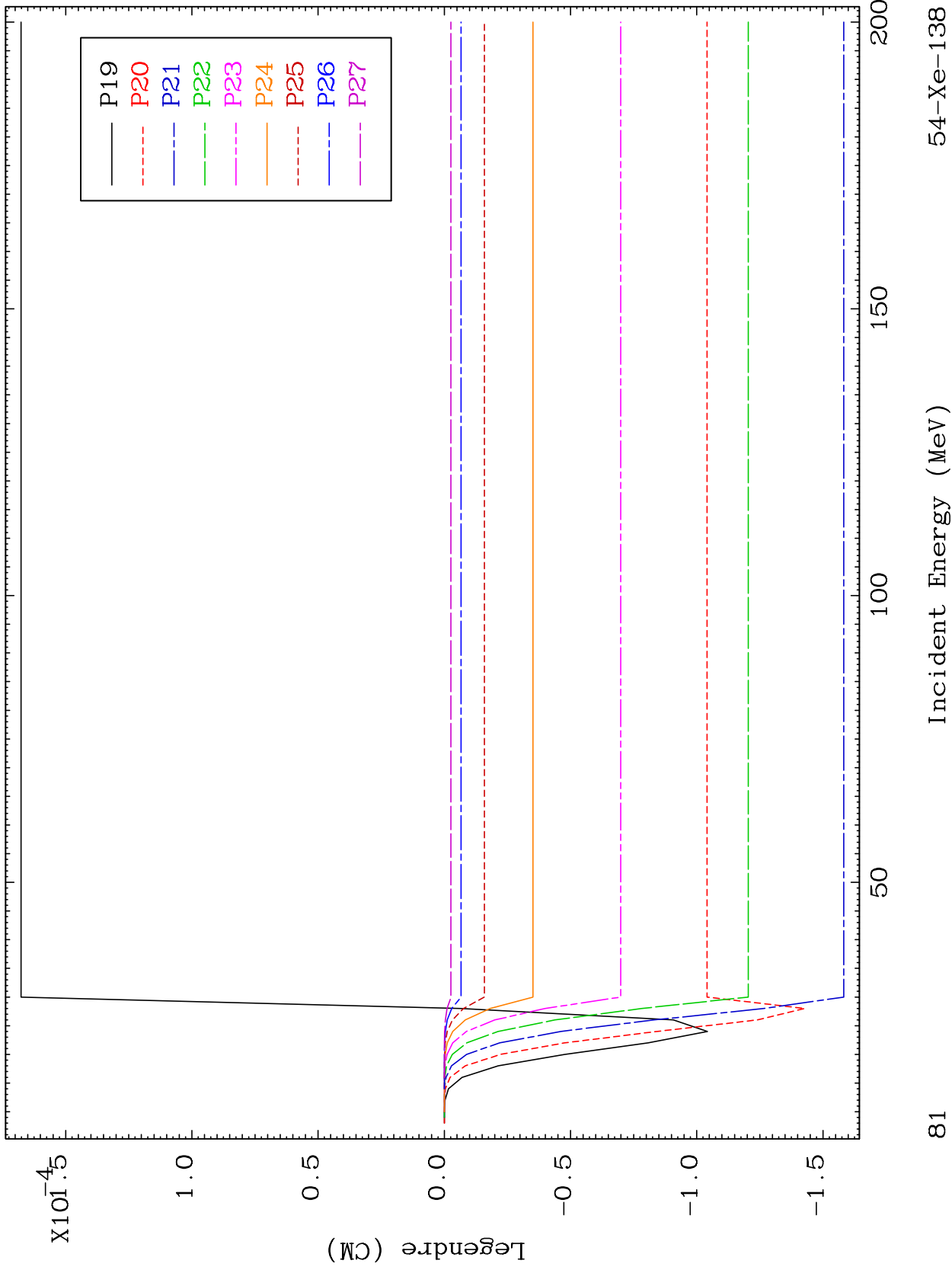
54-Xe-138



54-Xe-138

Incident Energy (MeV)

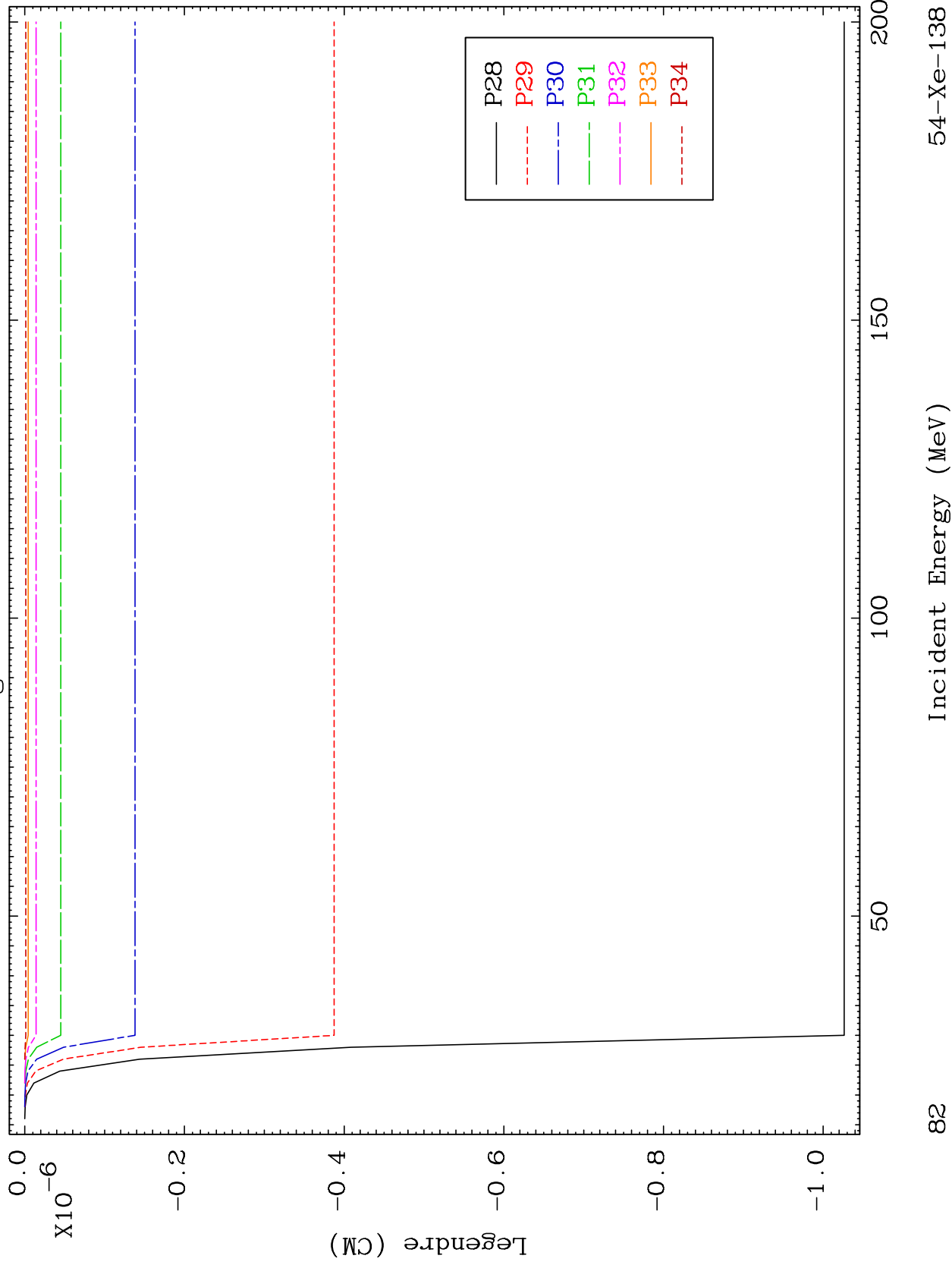
80



MAT 5467

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

54-Xe-138



82

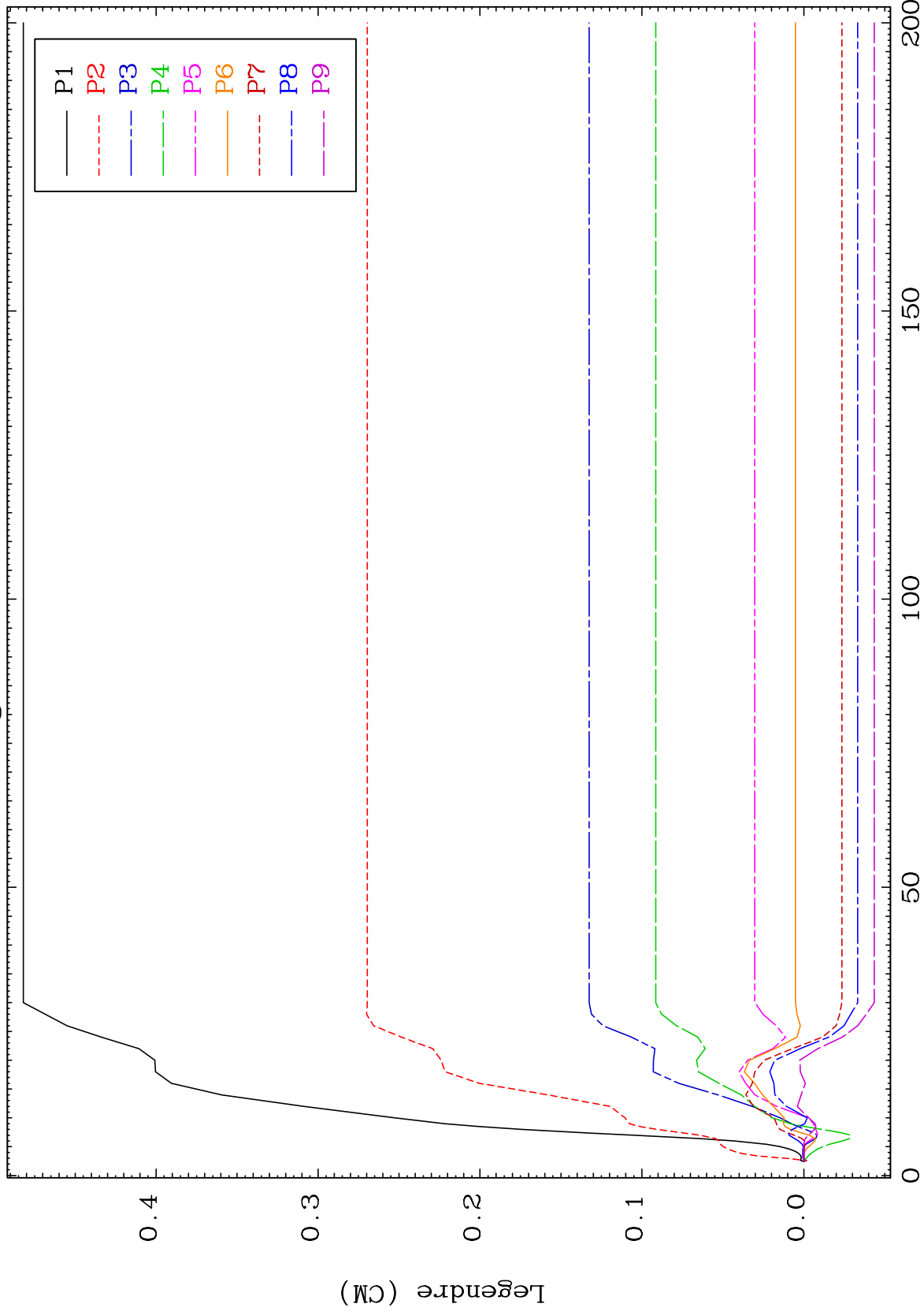
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



83

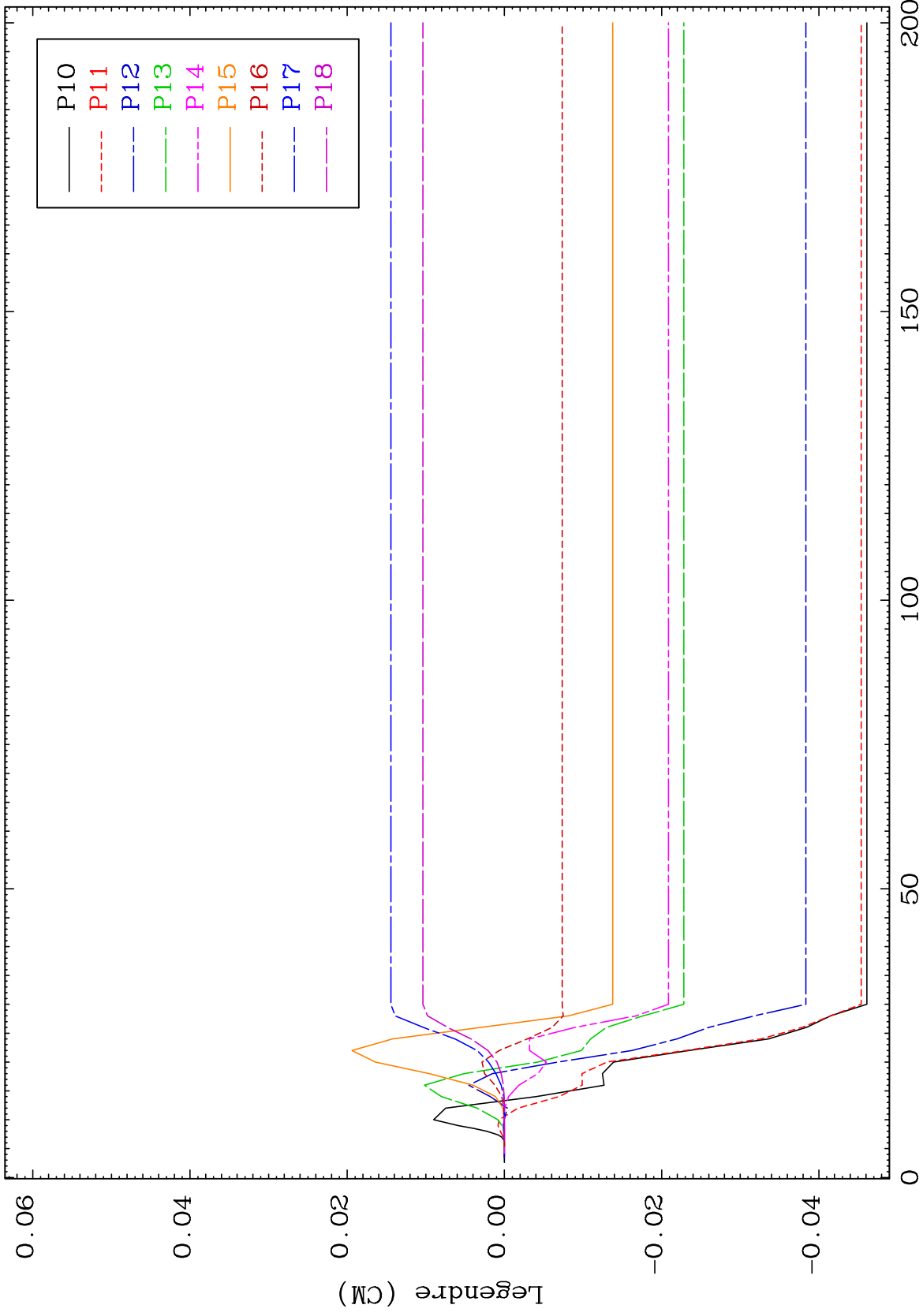
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



84

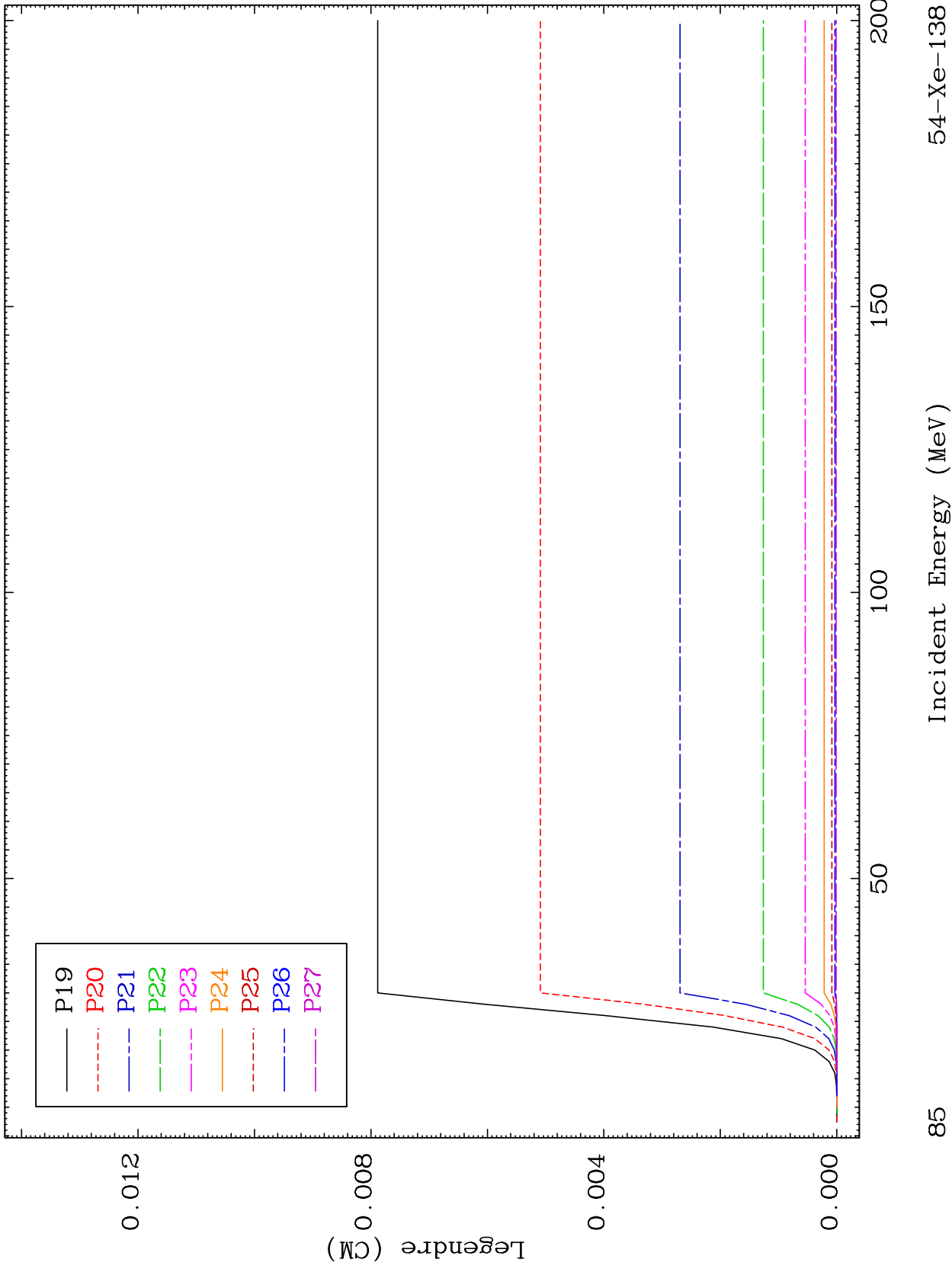
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



85

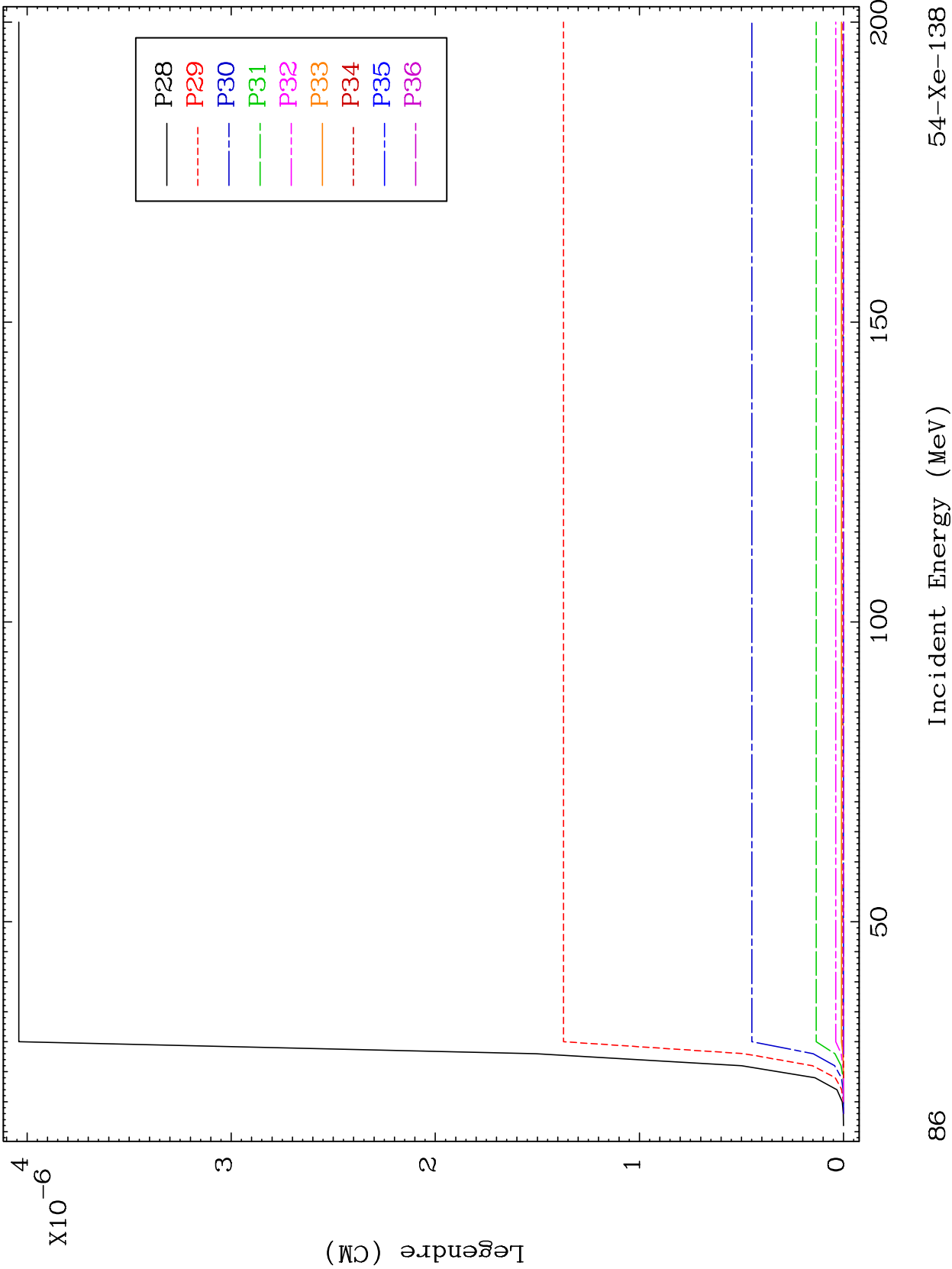
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



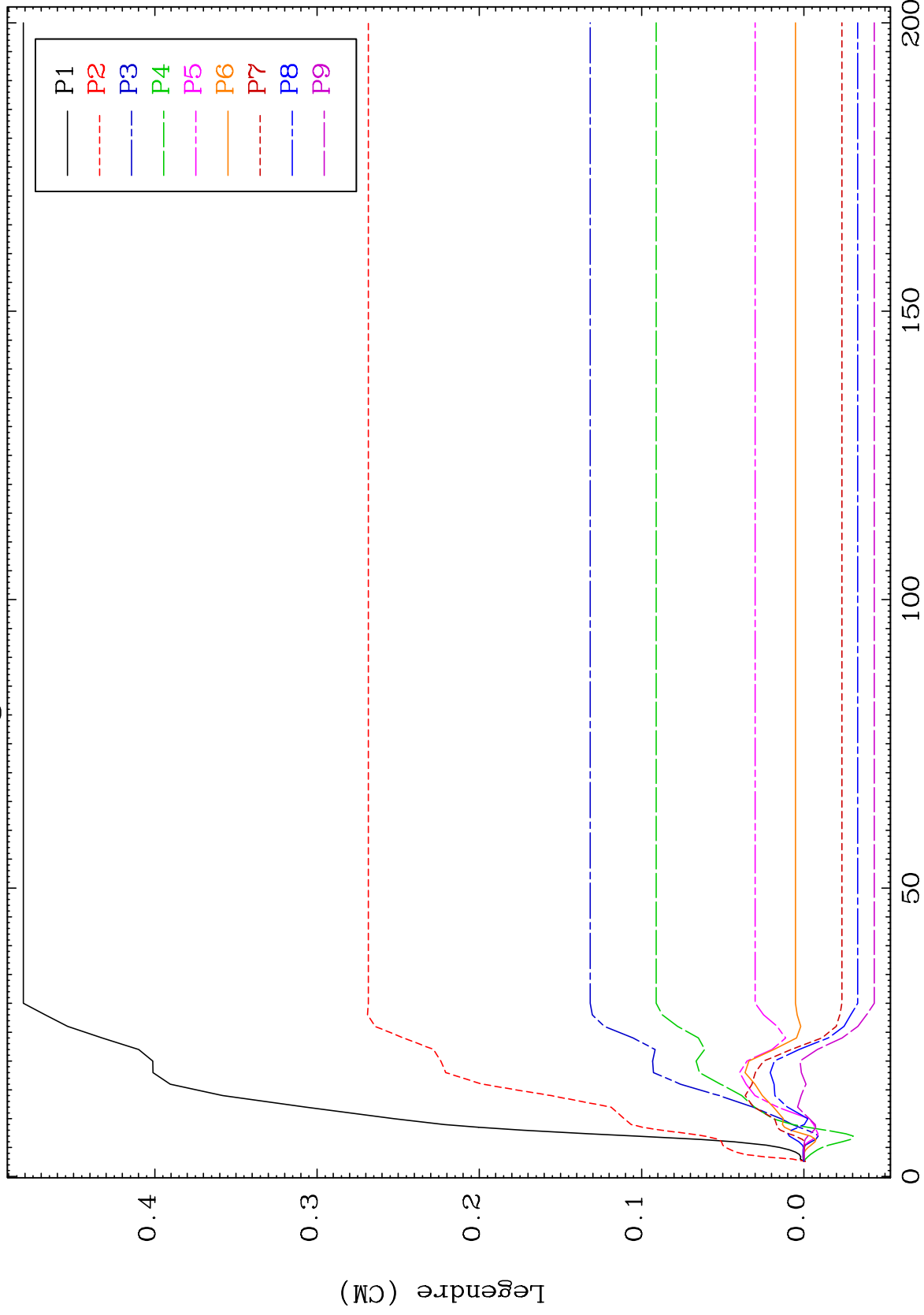
86

54-Xe-138

MAT 5467

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

54-Xe-138



87

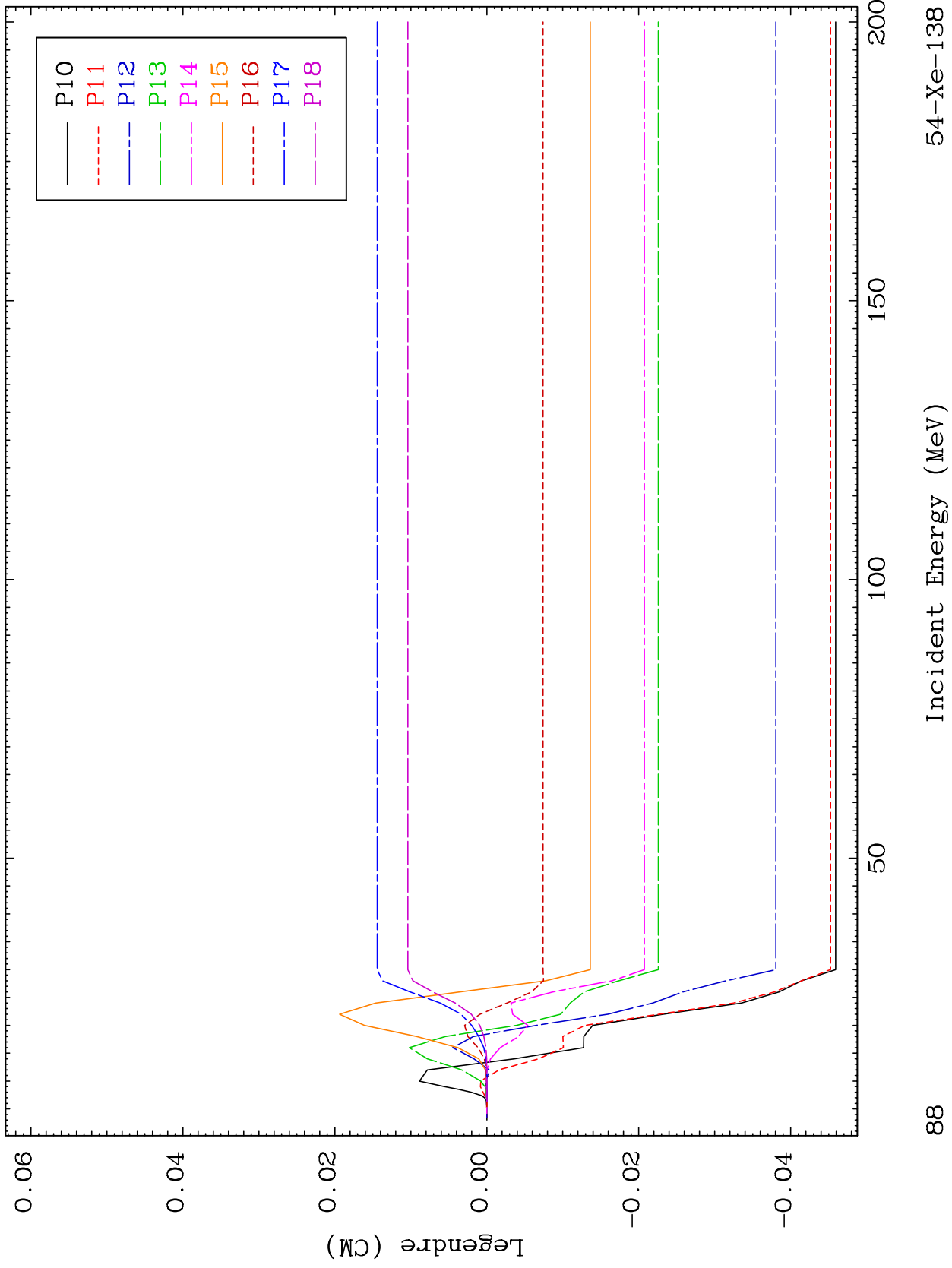
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



88

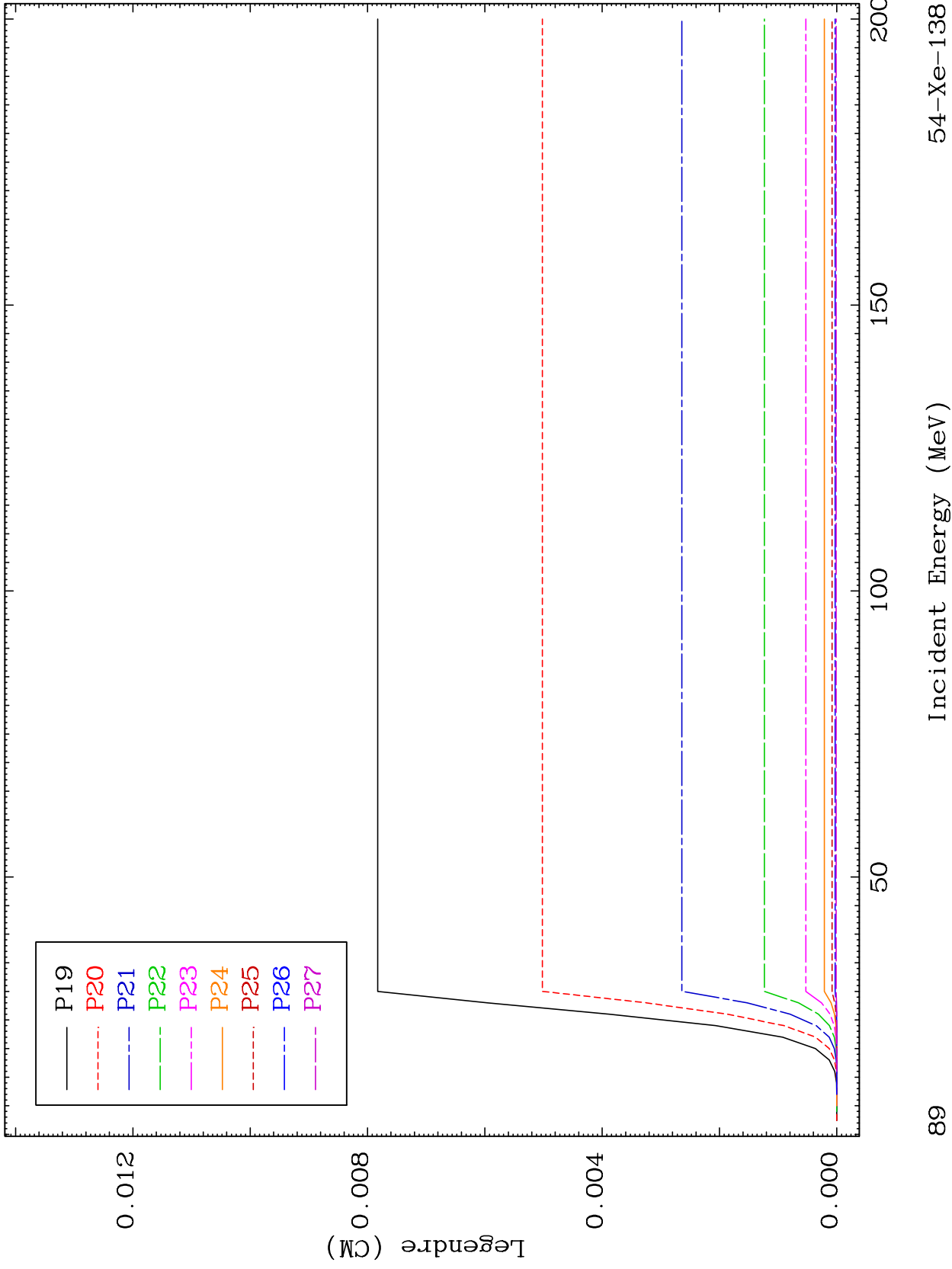
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



89

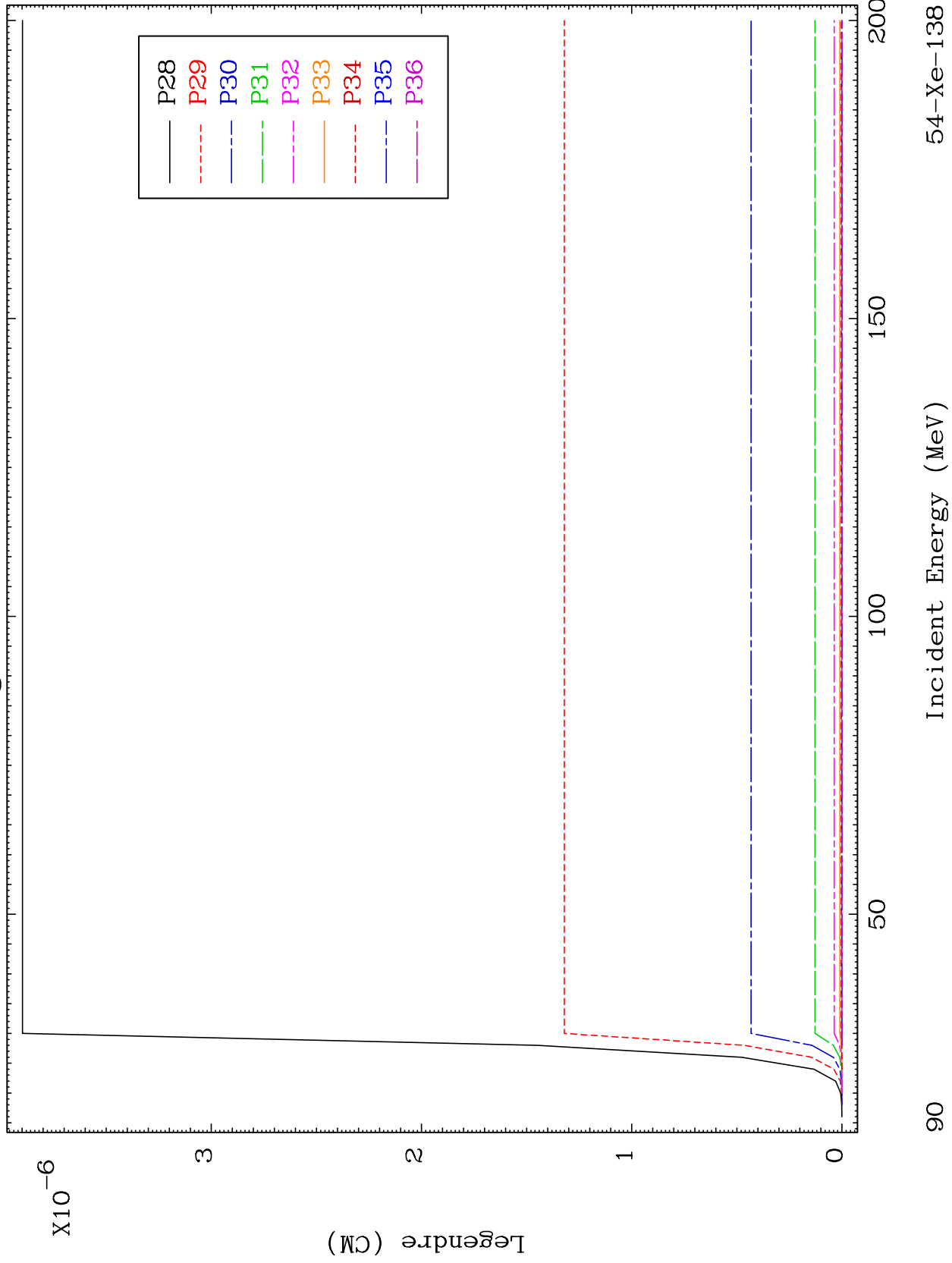
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

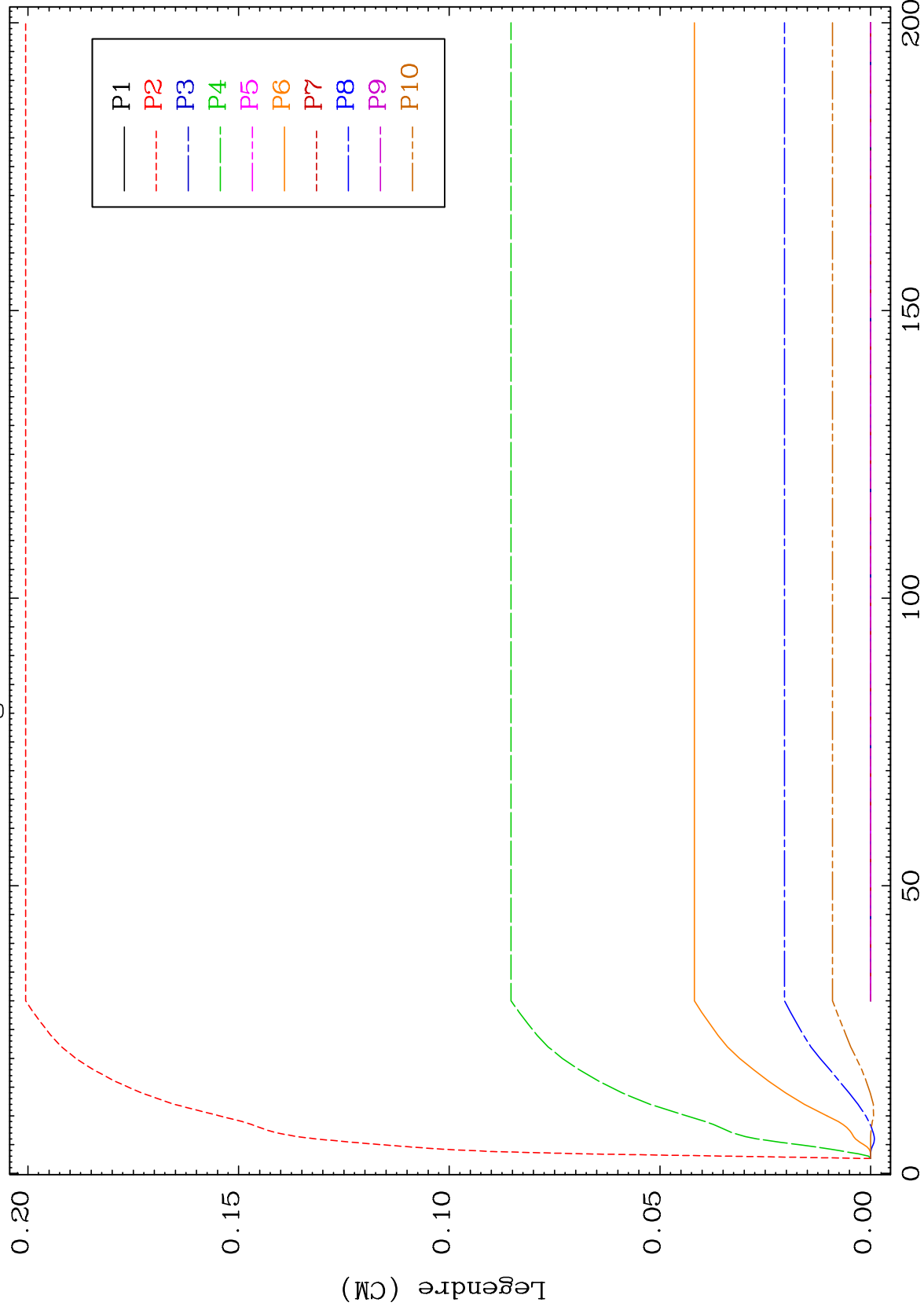
54-Xe-138



MAT 5467

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

54-Xe-138



91

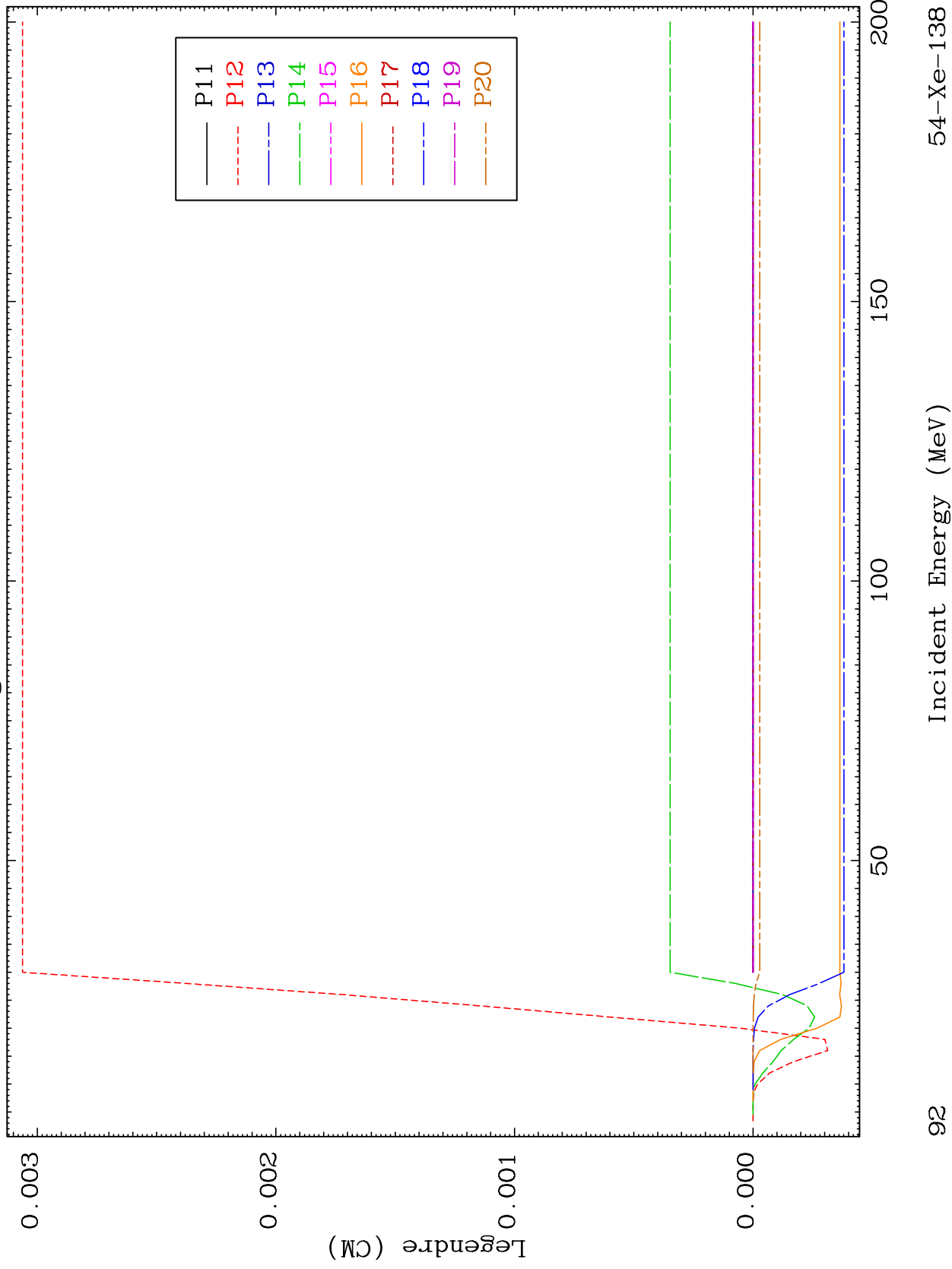
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

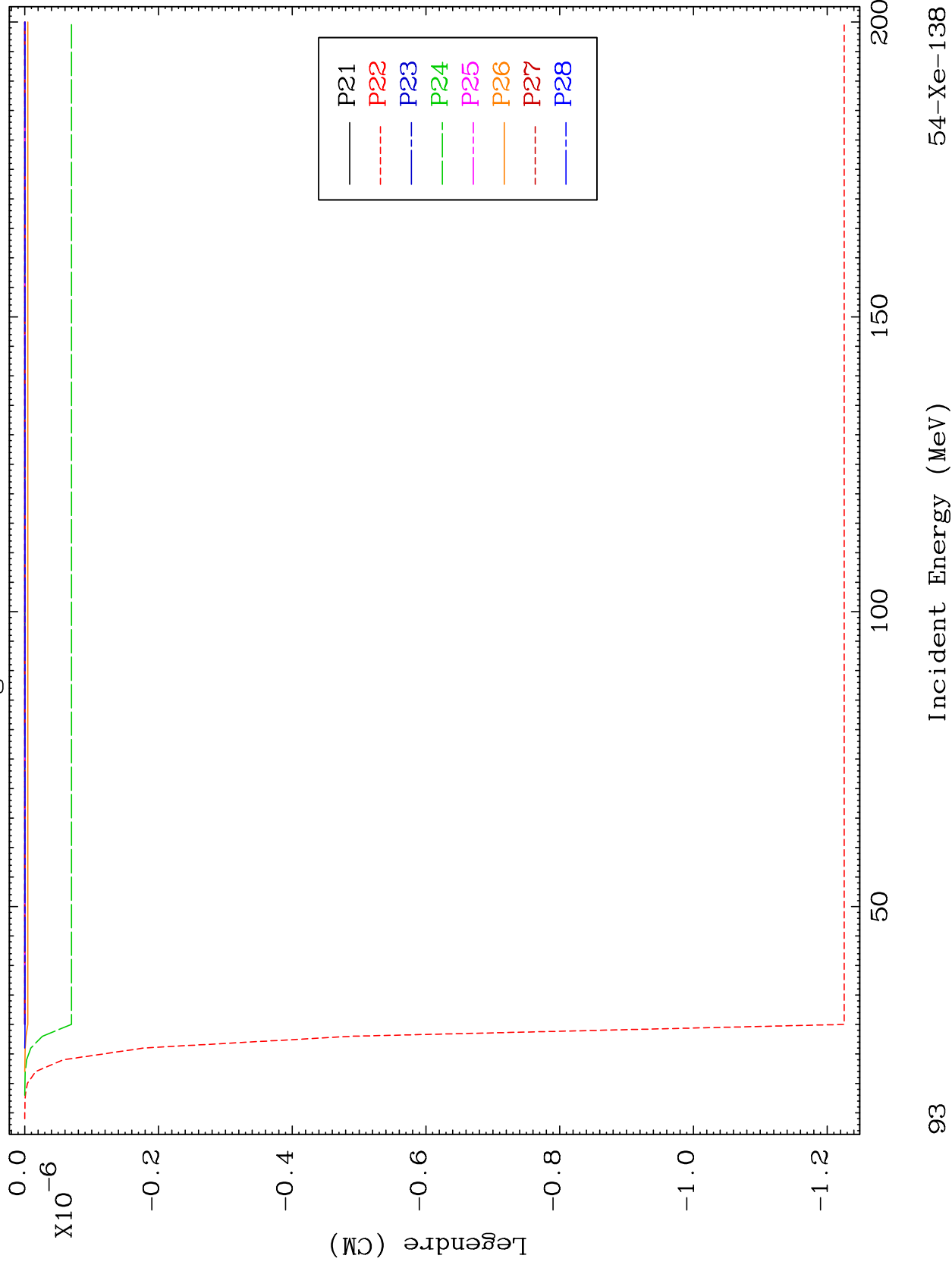
54-Xe-138



MAT 5467

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

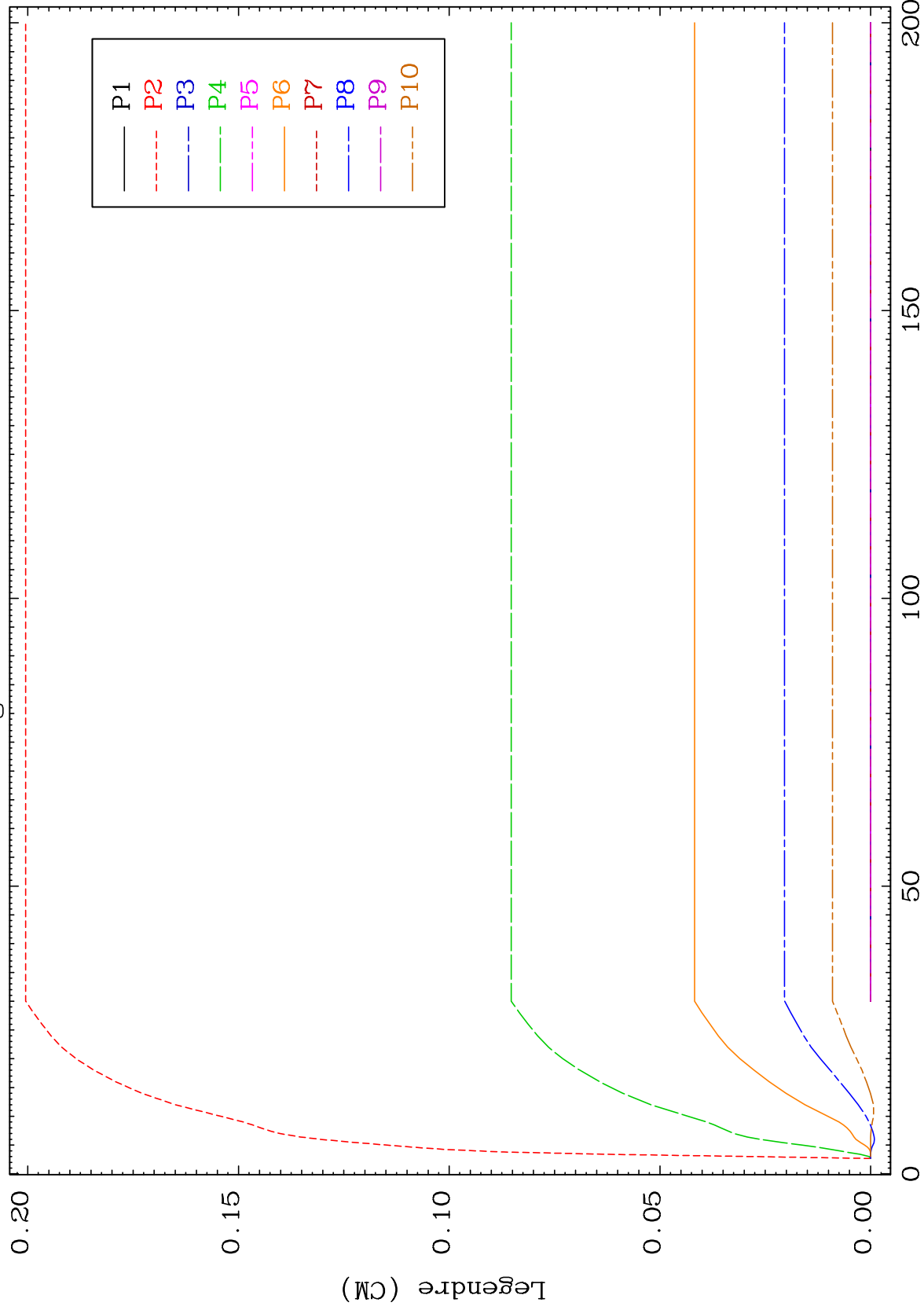
54-Xe-138



MAT 5467

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

54-Xe-138



94

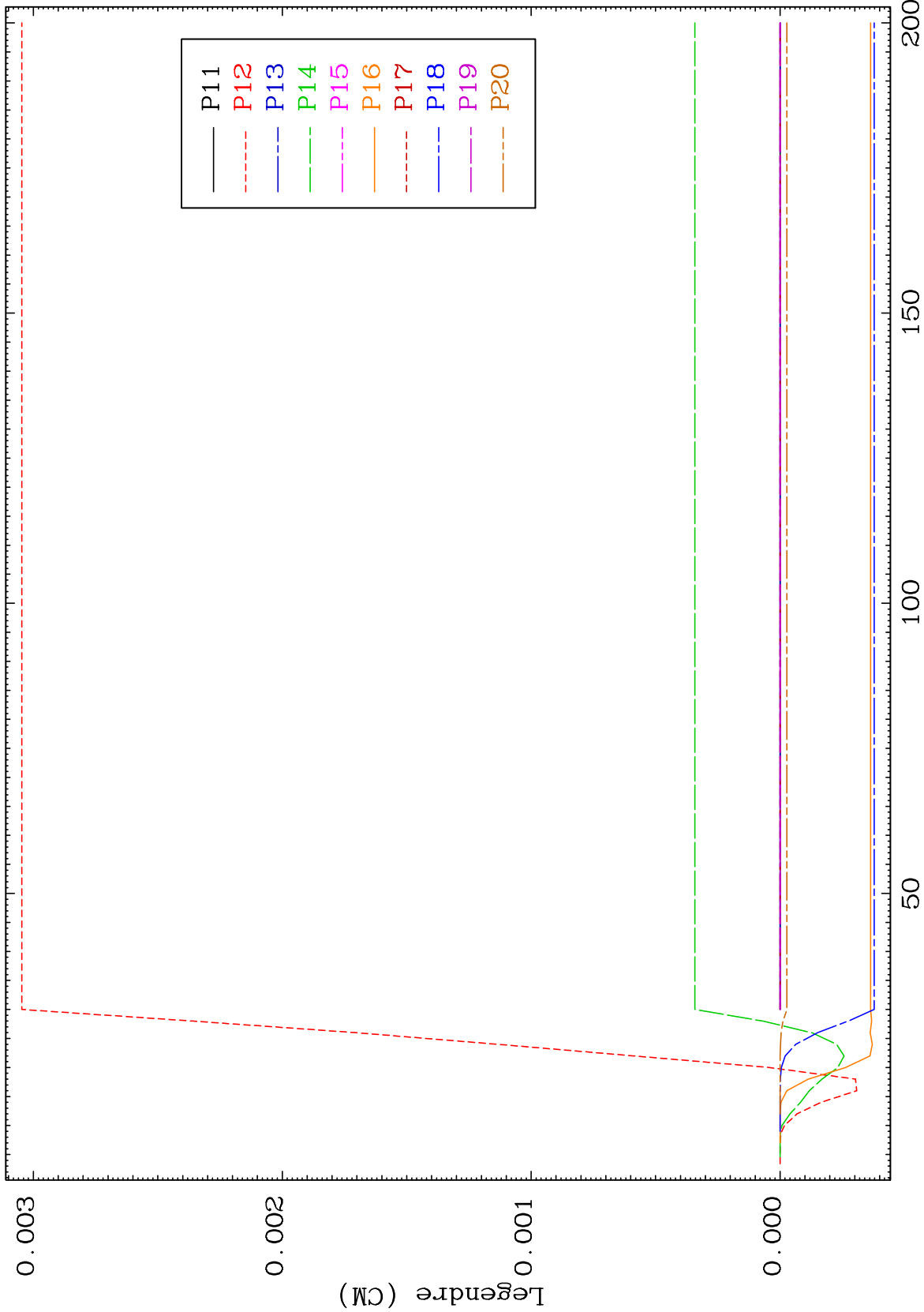
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



95

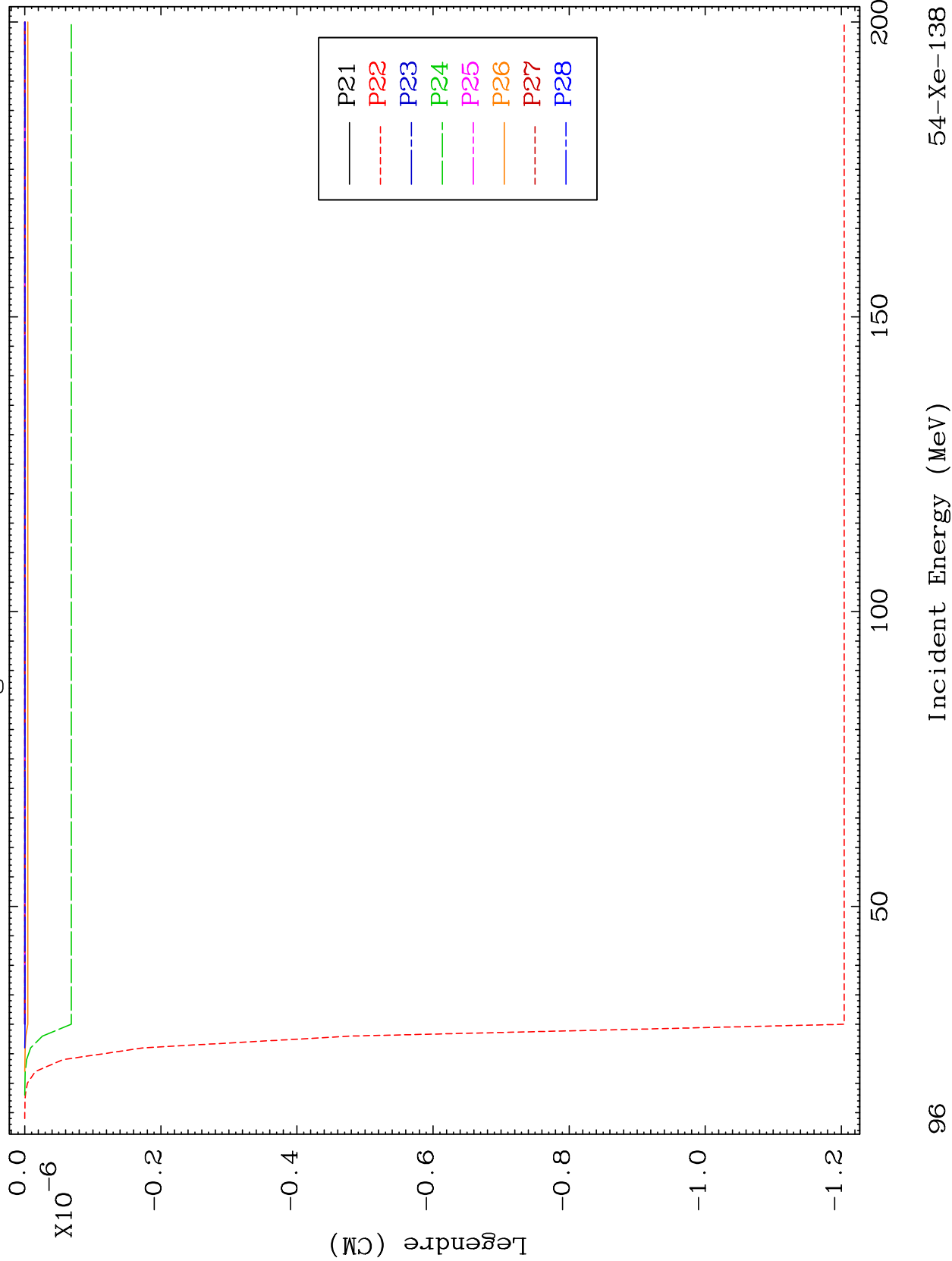
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138

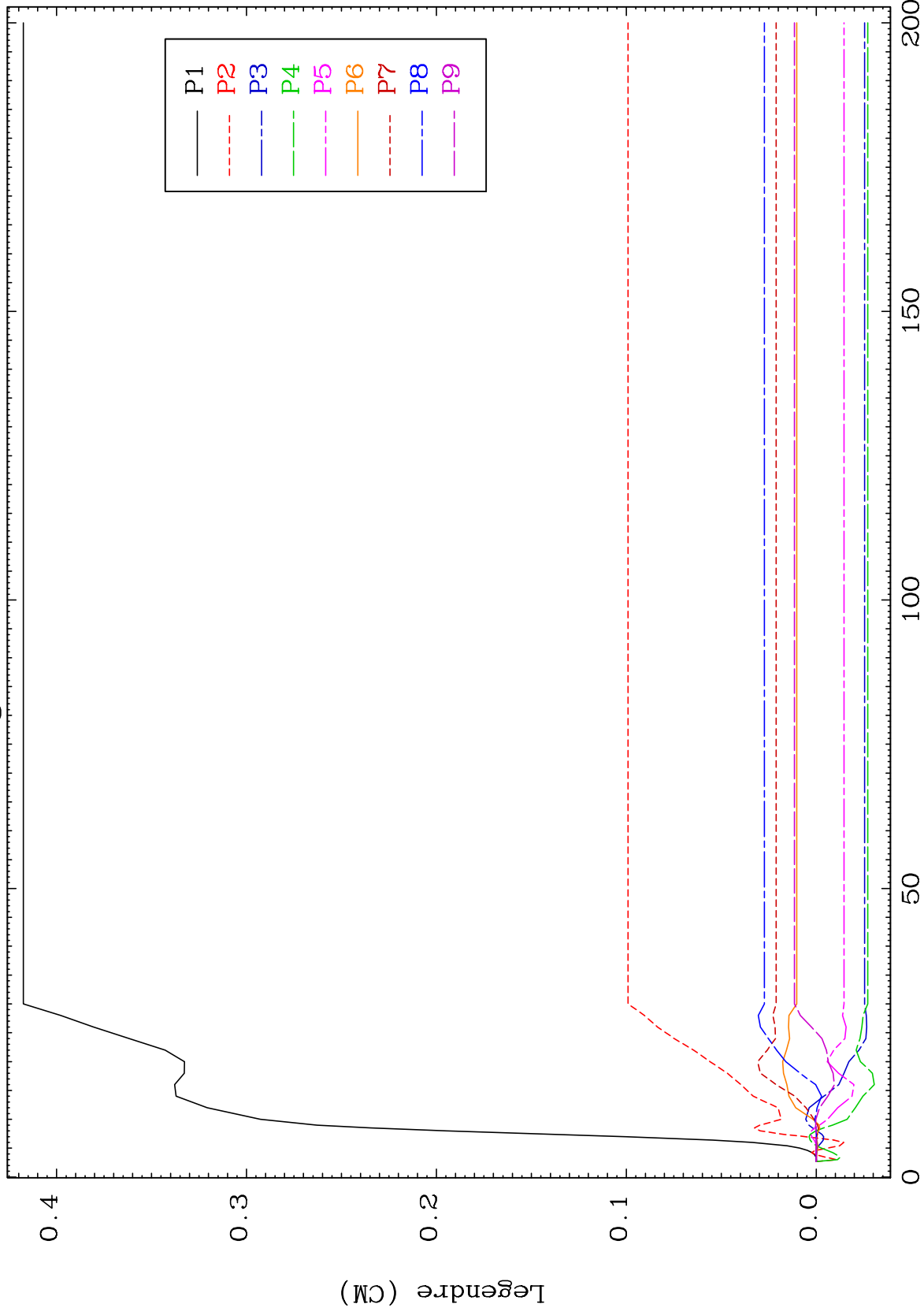


96

MAT 5467

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

54-Xe-138



97

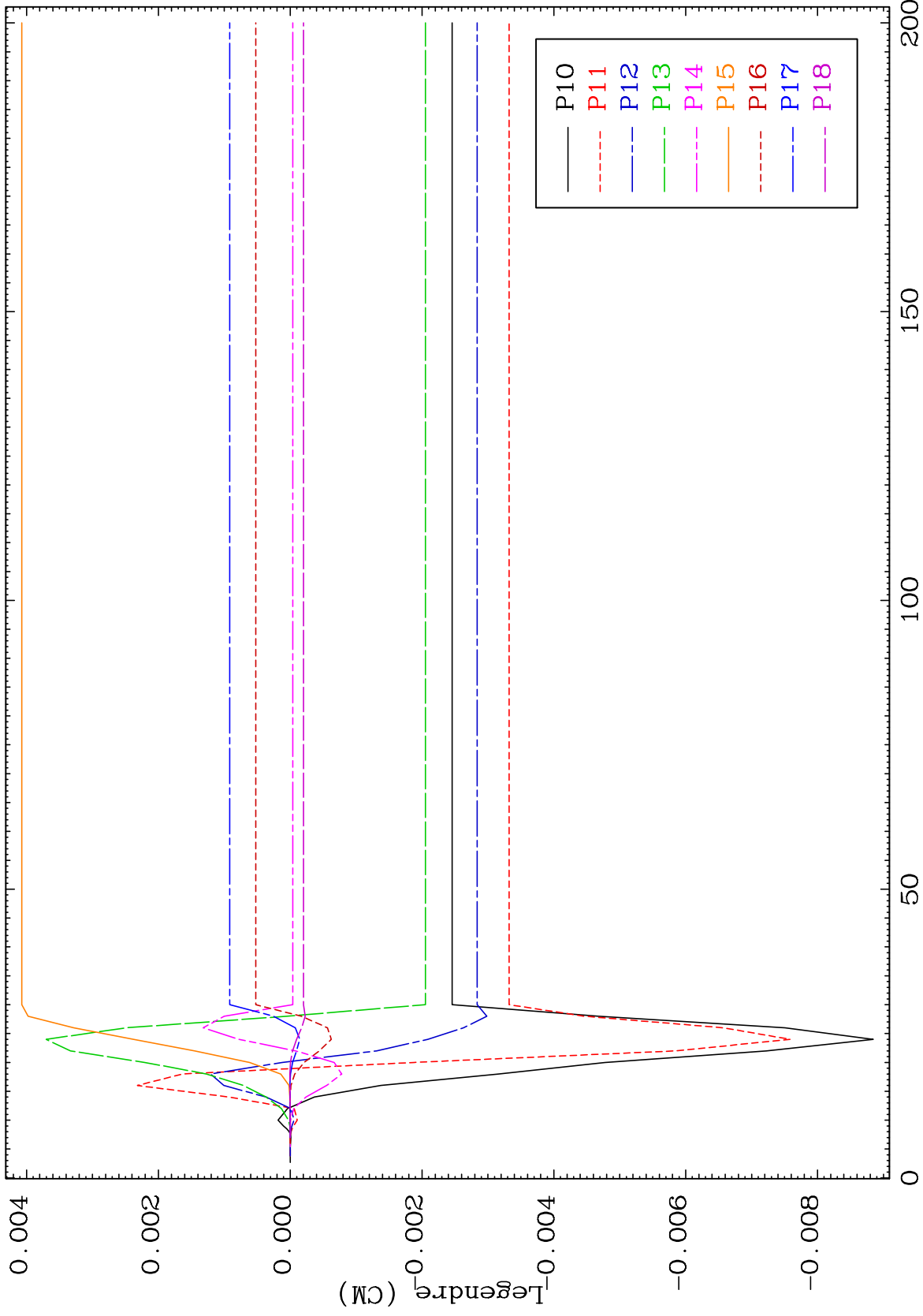
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



98

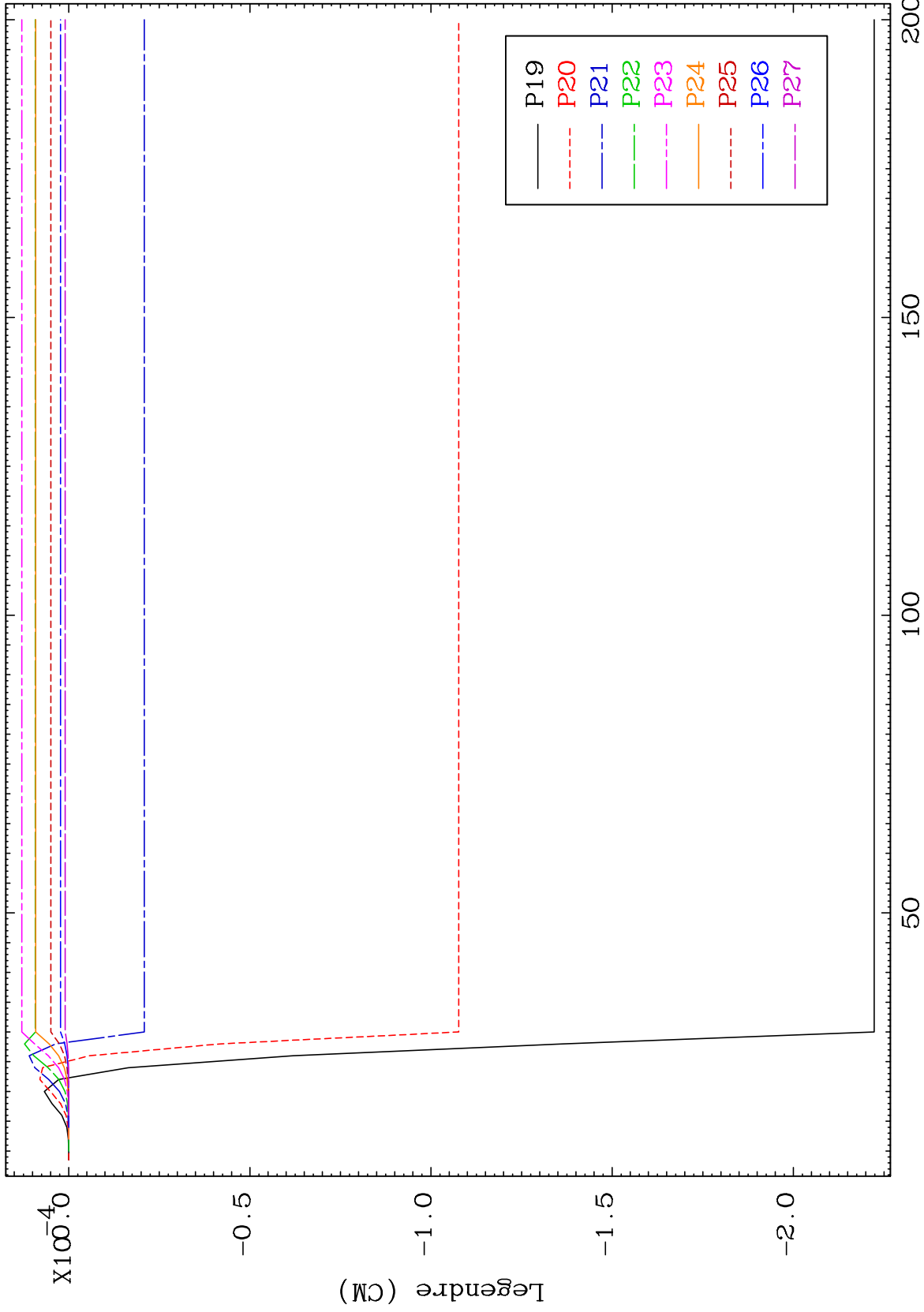
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

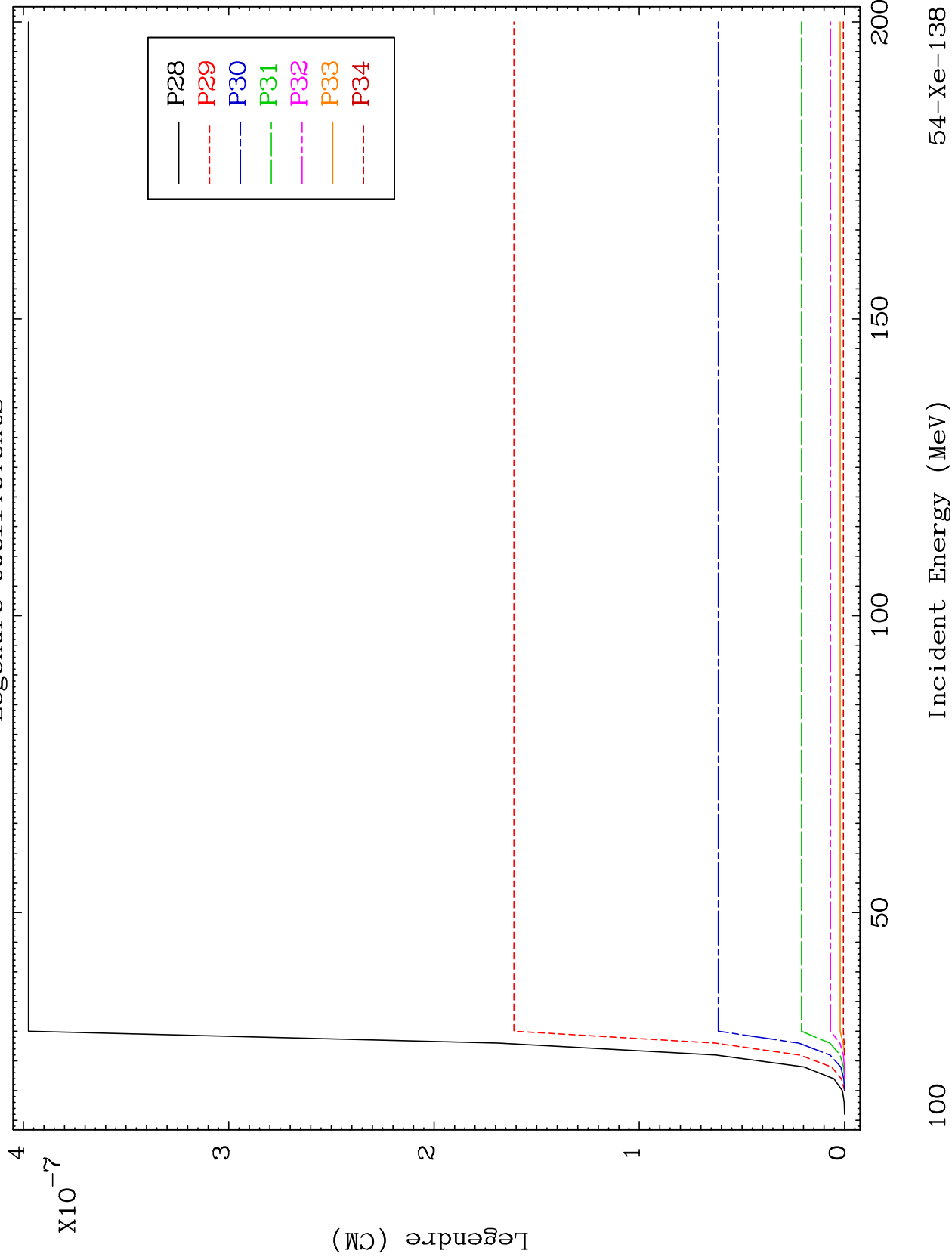
54-Xe-138



MAT 5467

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

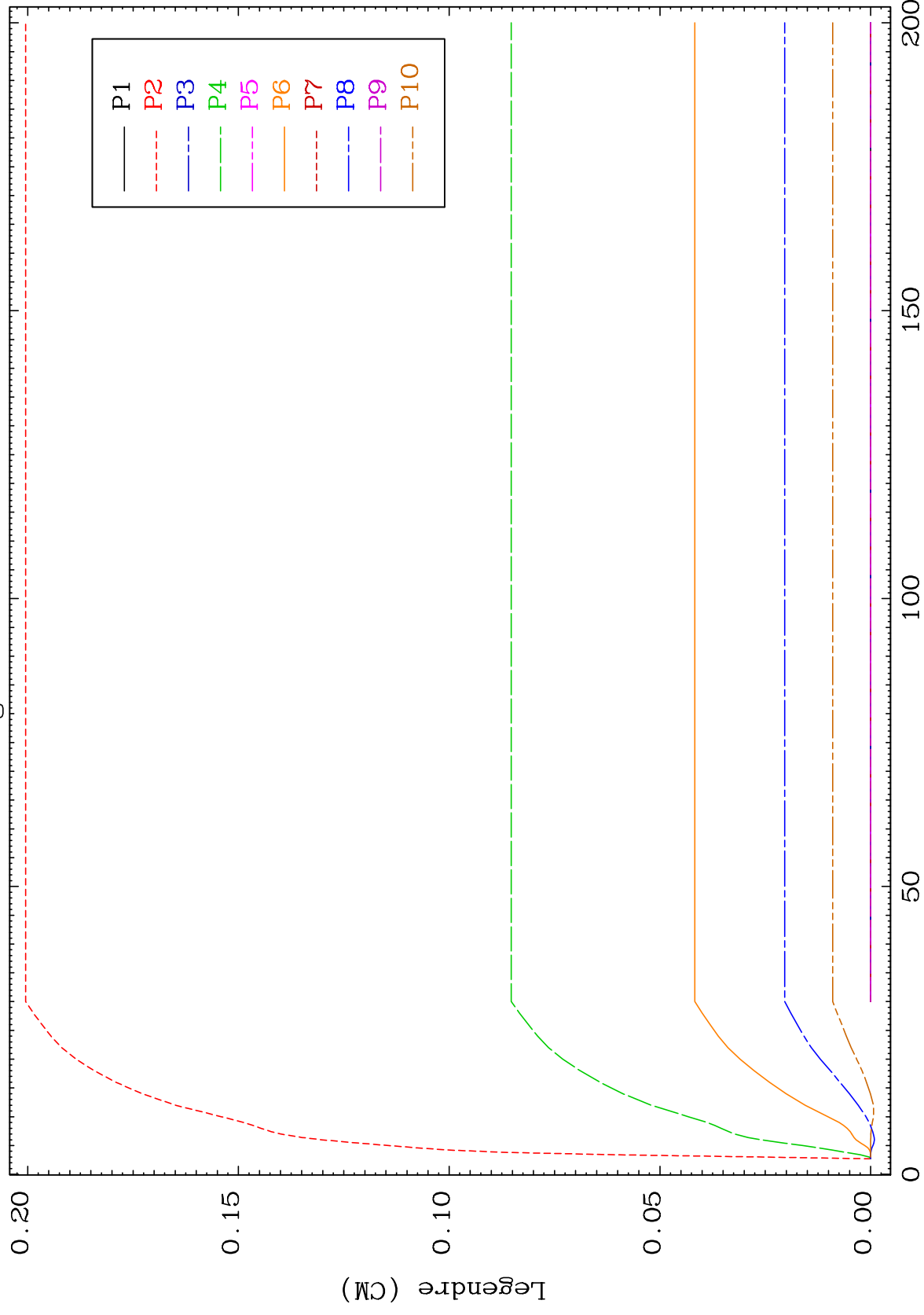
54-Xe-138



MAT 5467

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

54-Xe-138



101

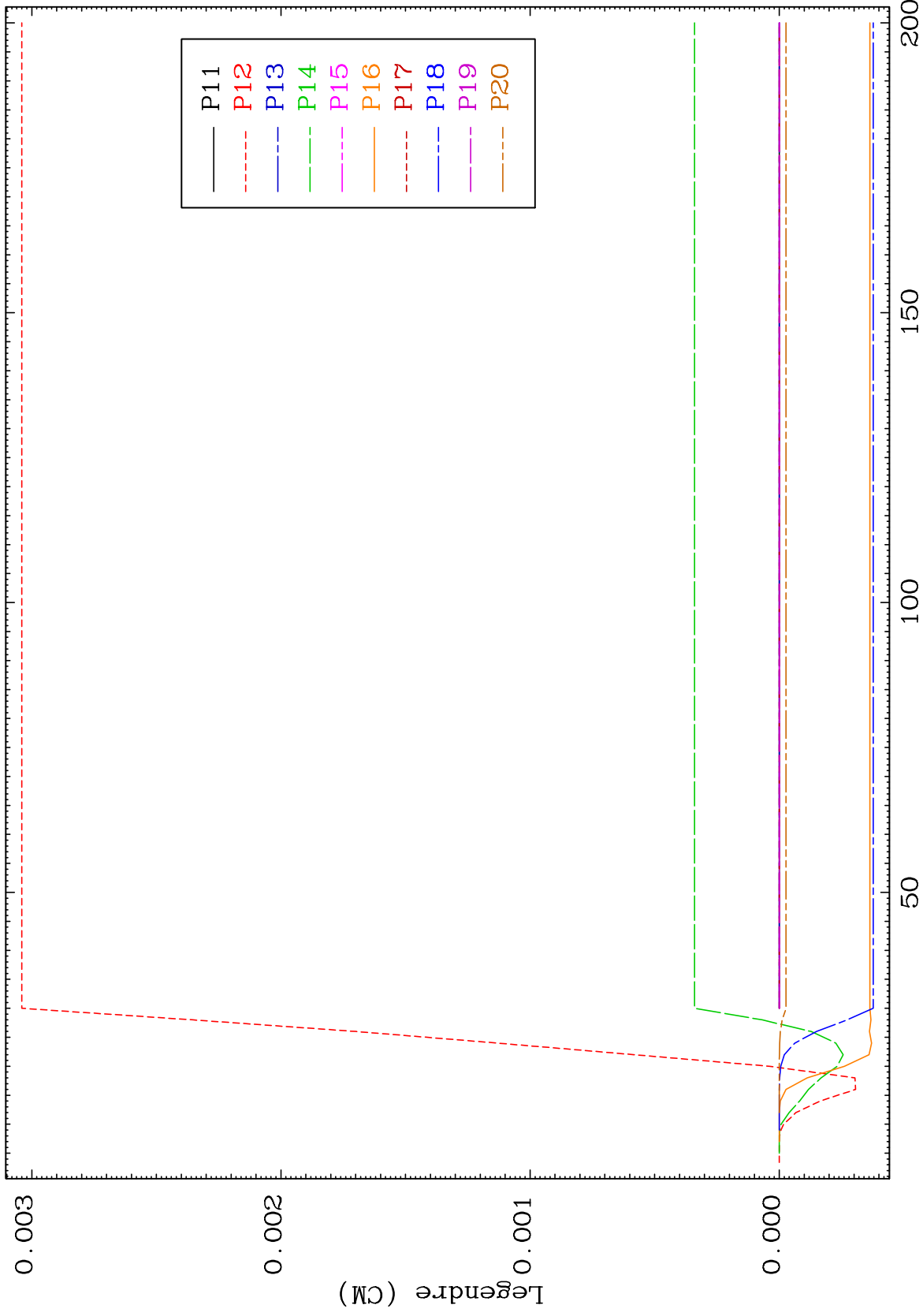
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



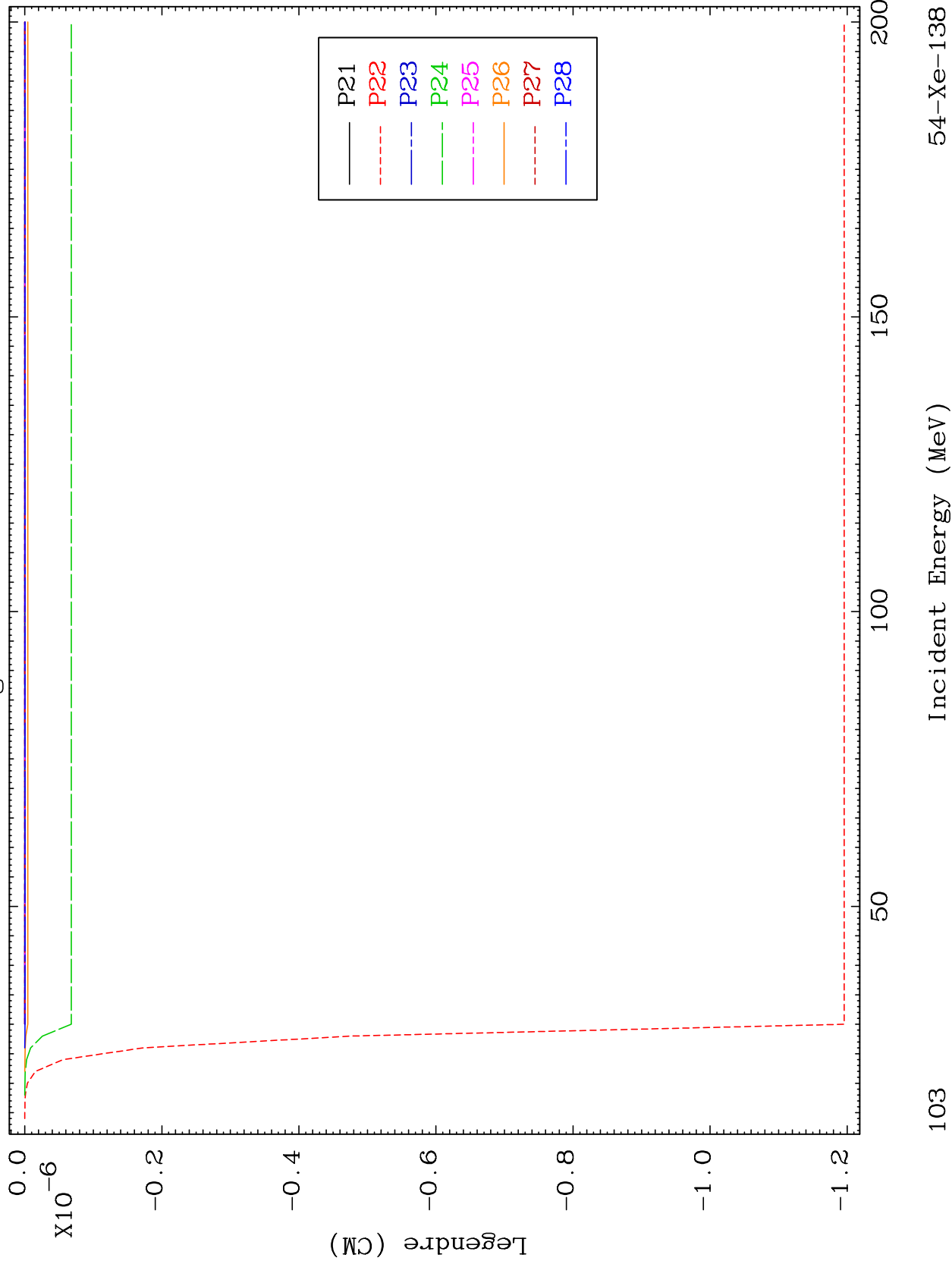
102

54-Xe-138

MAT 5467

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

54-Xe-138



103

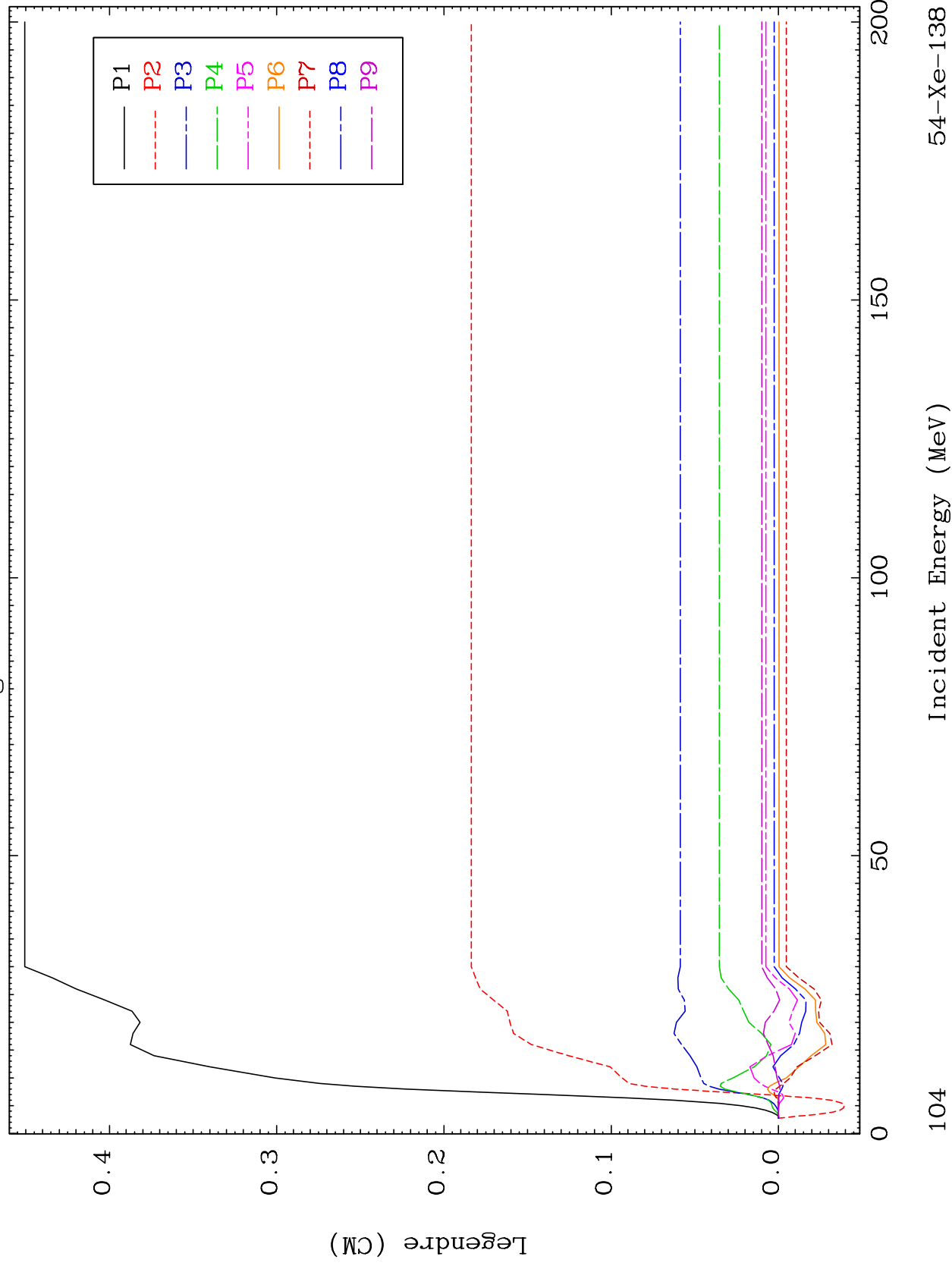
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

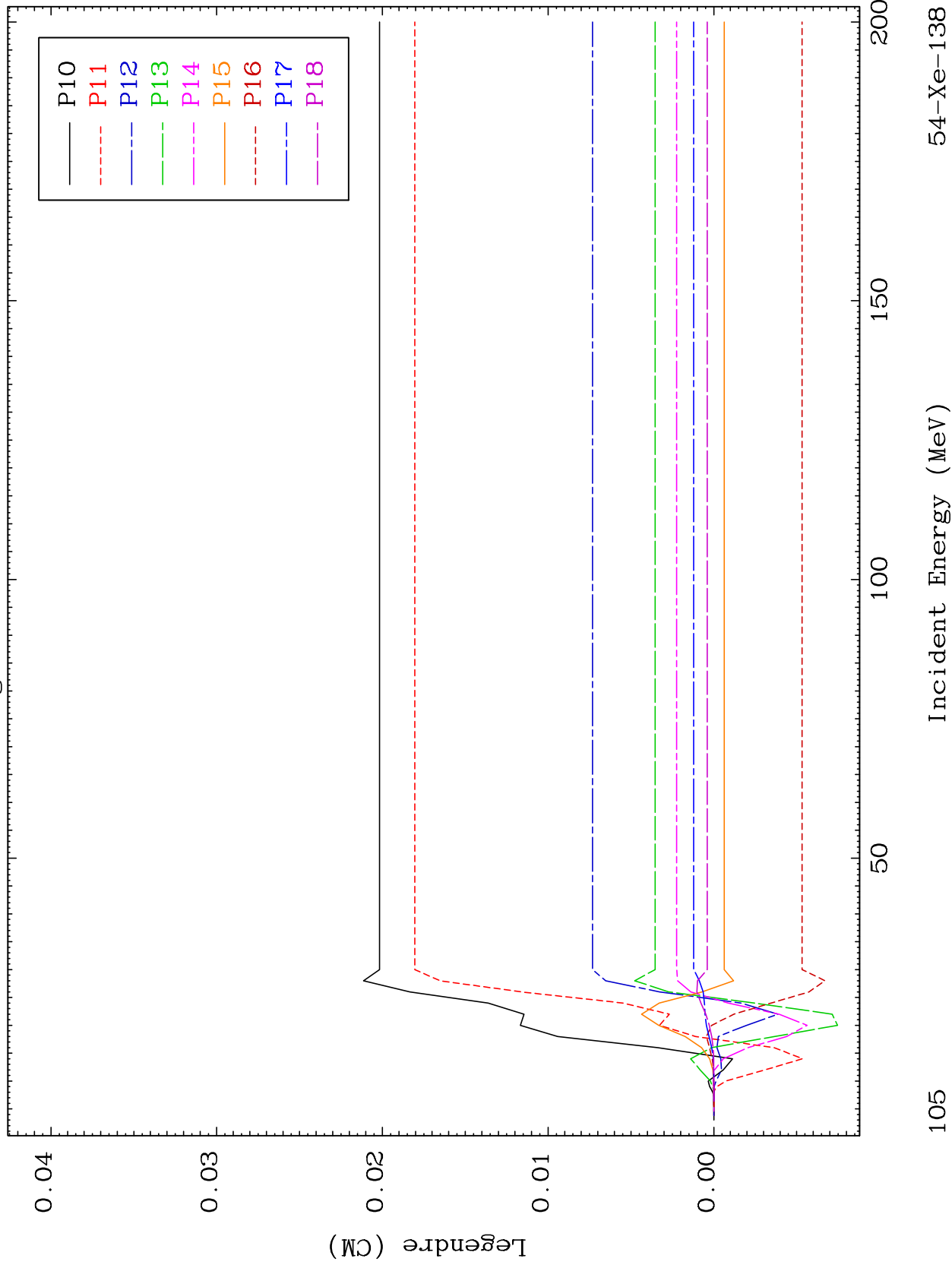
Incident Energy (MeV)

104

MAT 5467

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

54-Xe-138



54-Xe-138

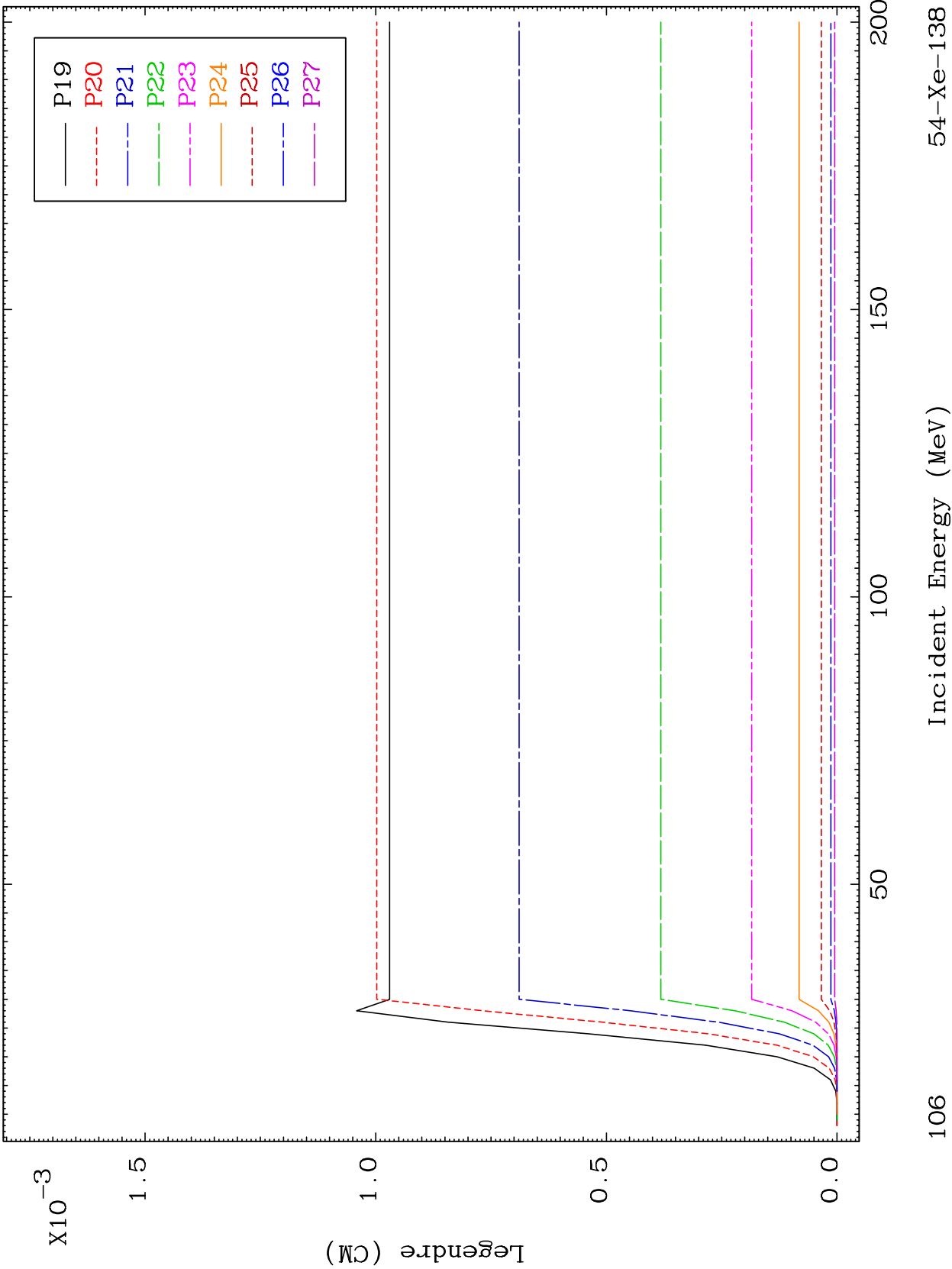
Incident Energy (MeV)

105

MAT 5467

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

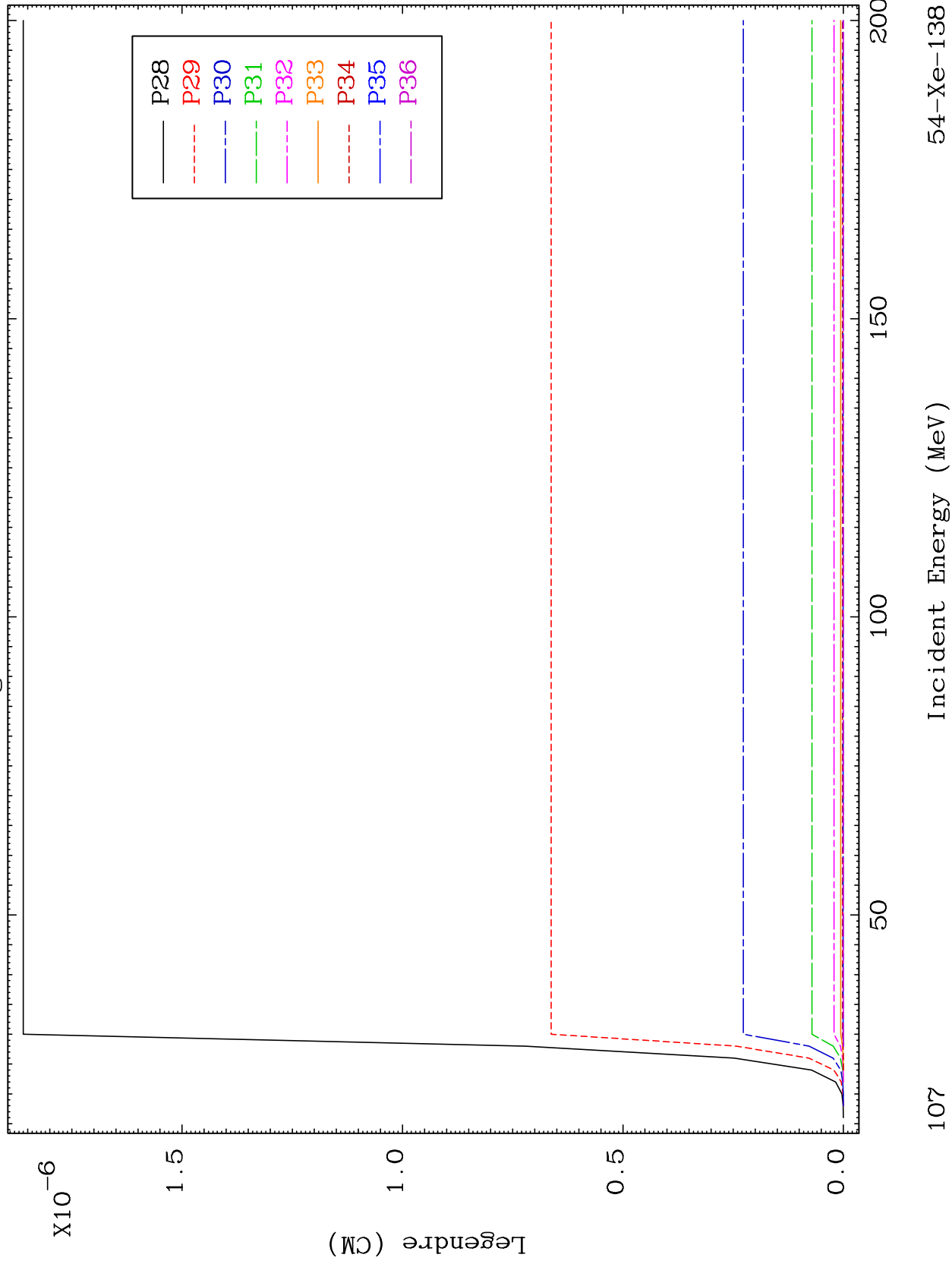
54-Xe-138



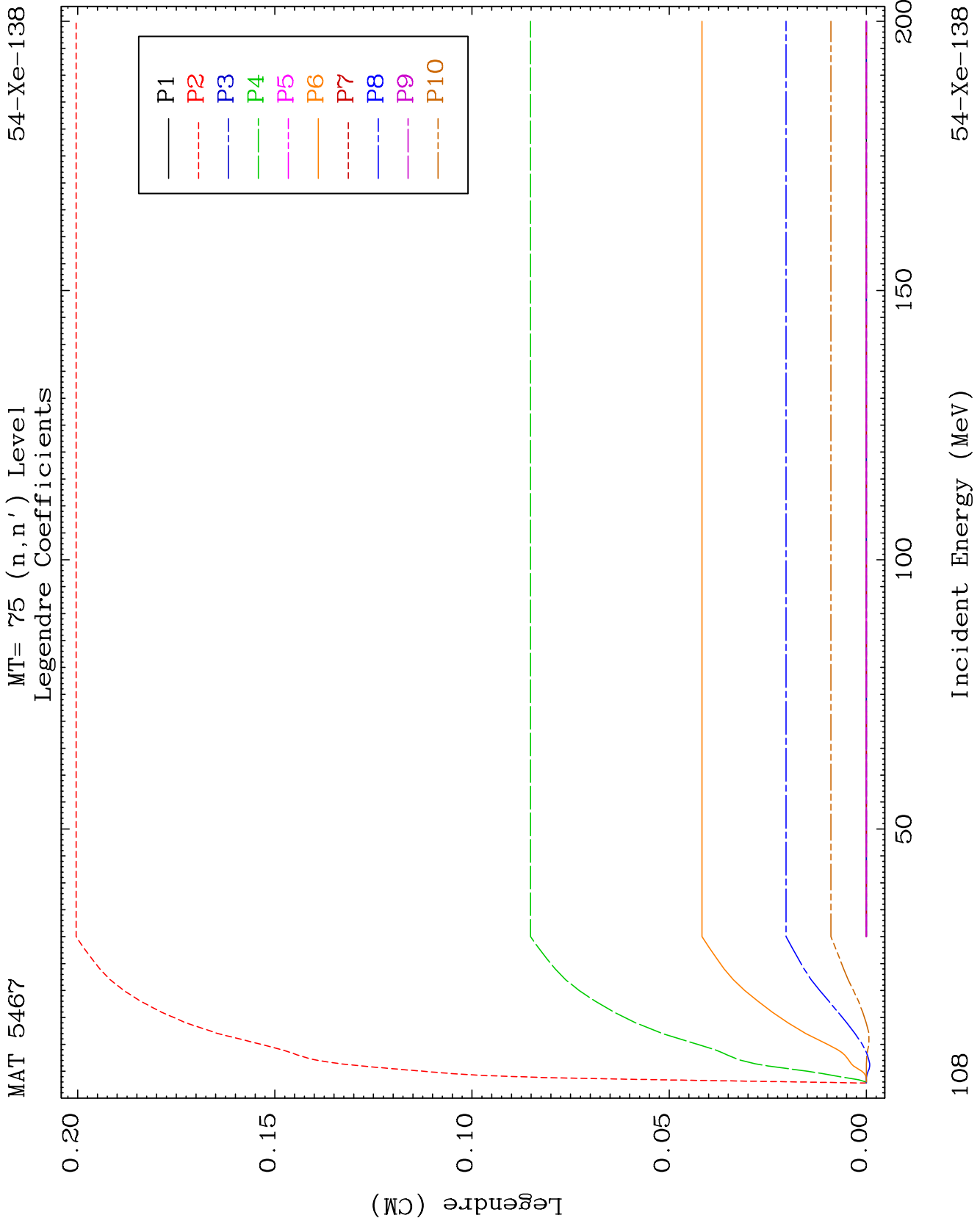
MAT 5467

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

54-Xe-138



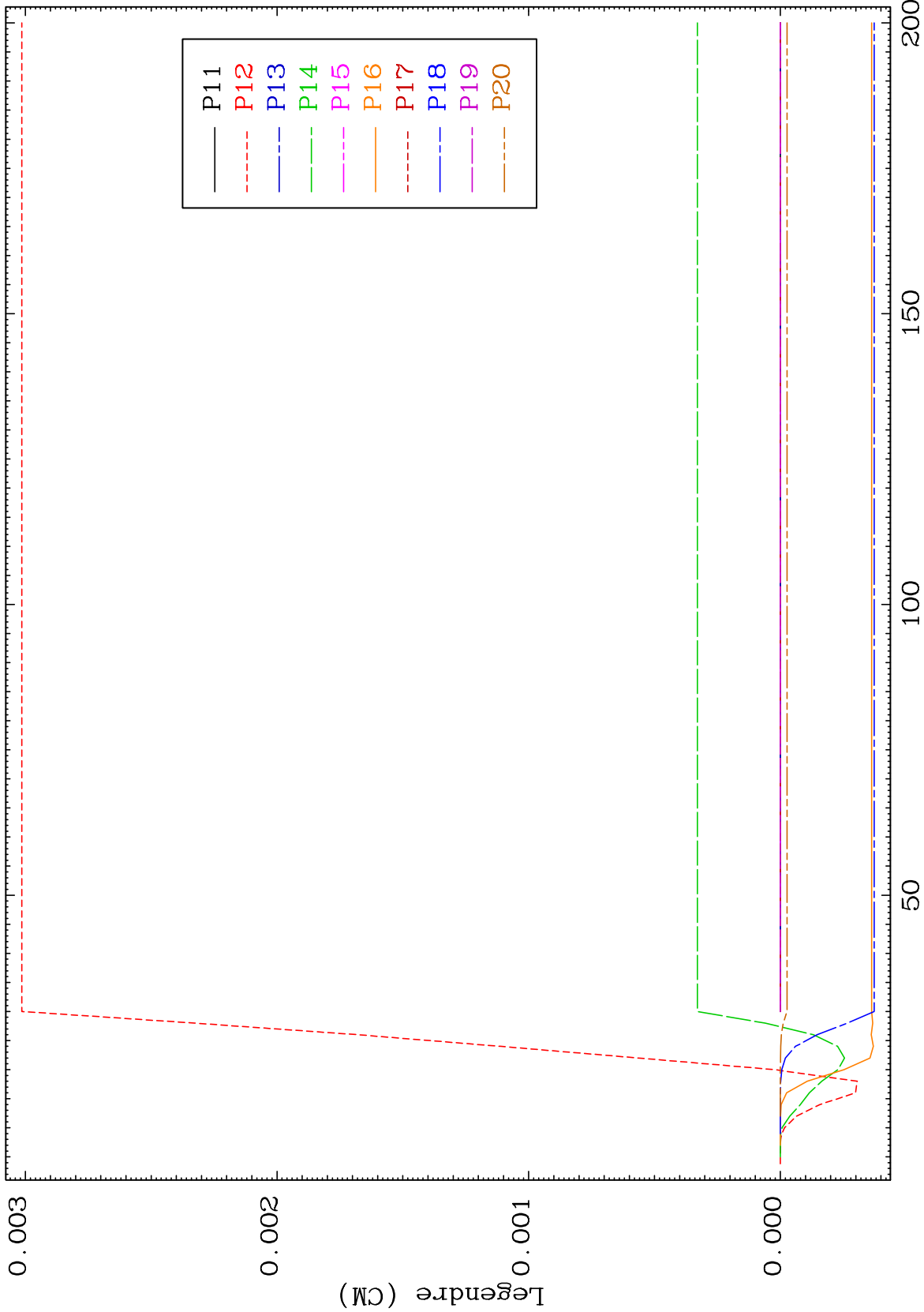
107



MAT 5467

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

54-Xe-138



109

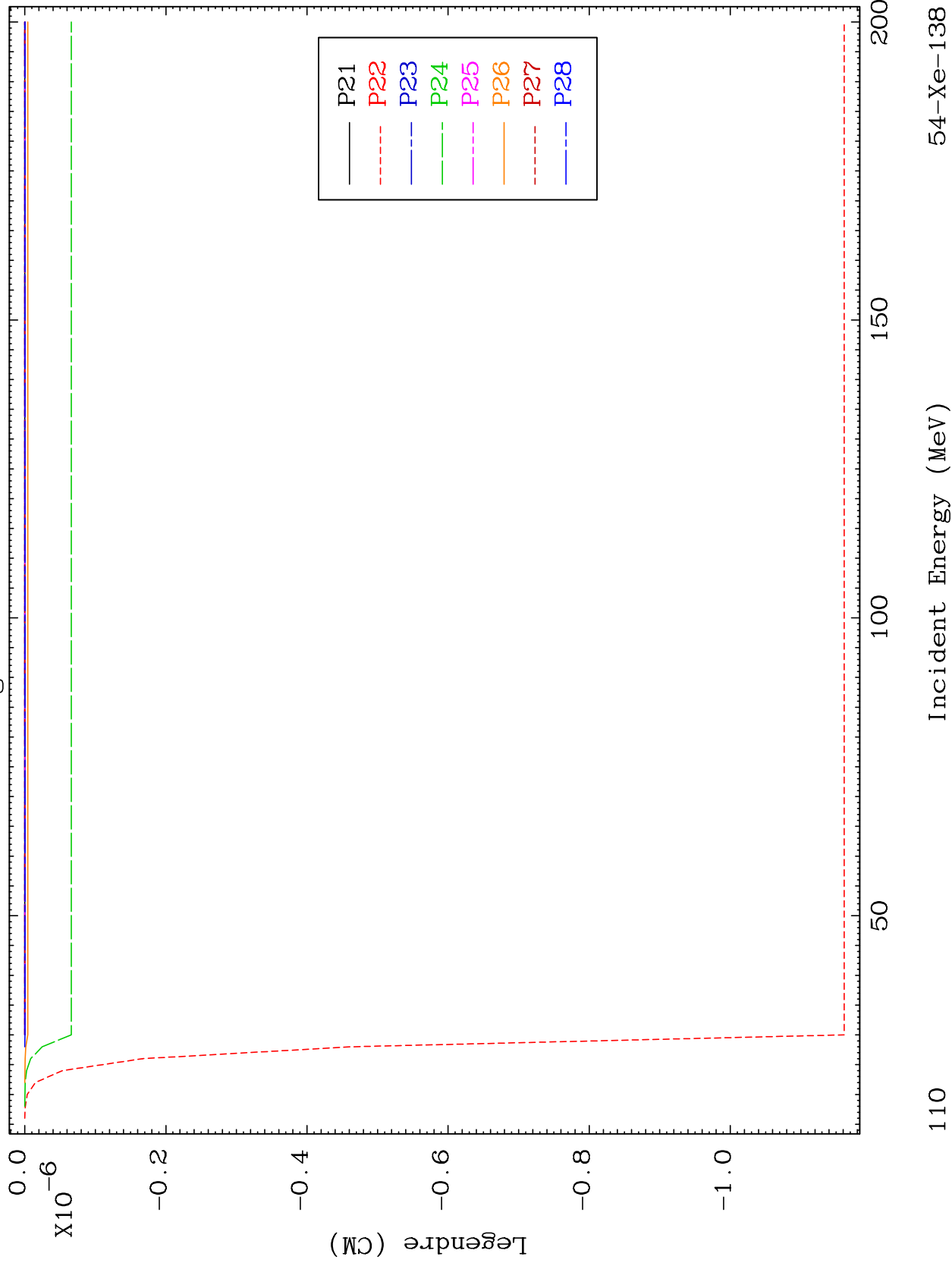
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

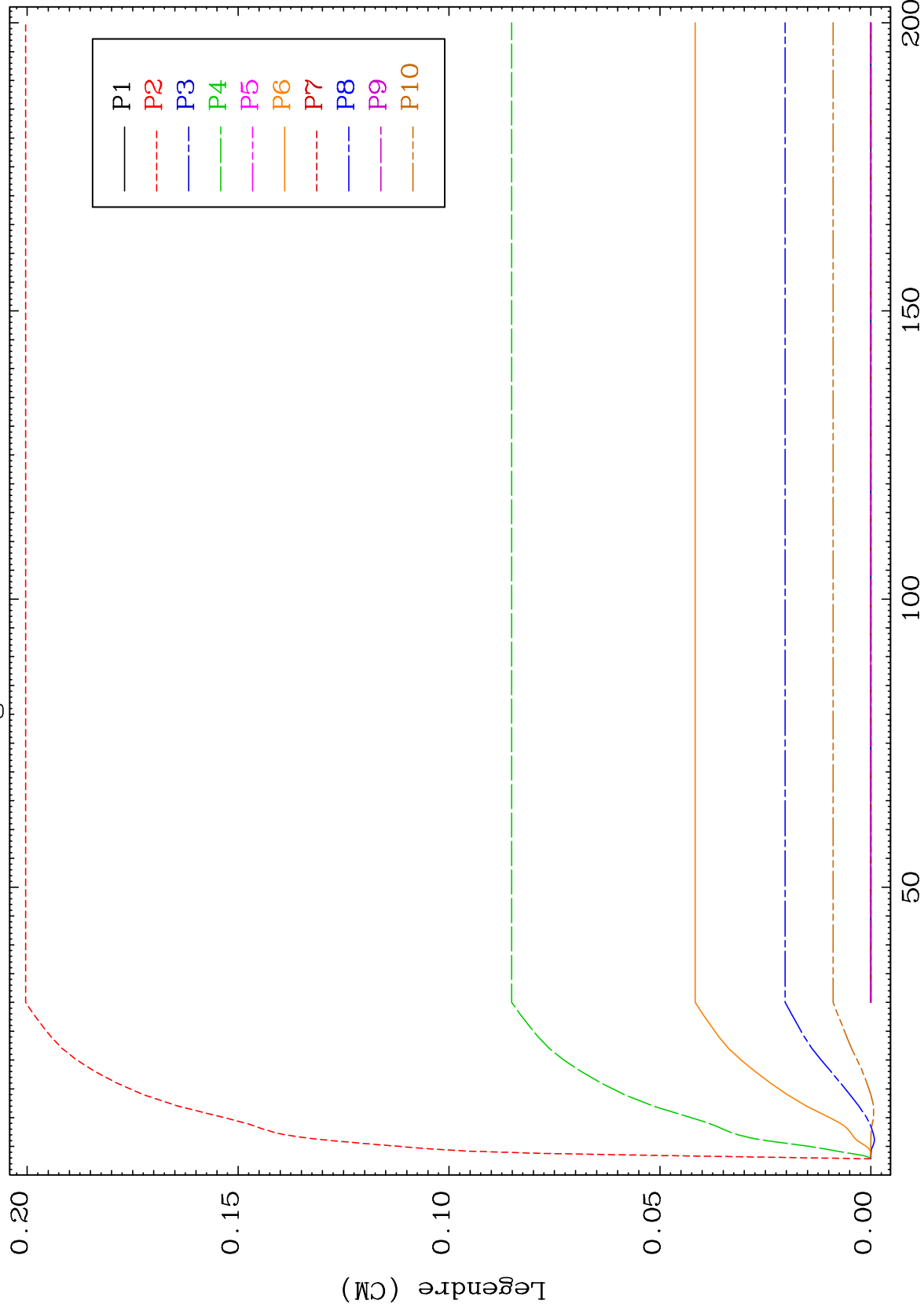
54-Xe-138



MAT 5467

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

54-Xe-138



111

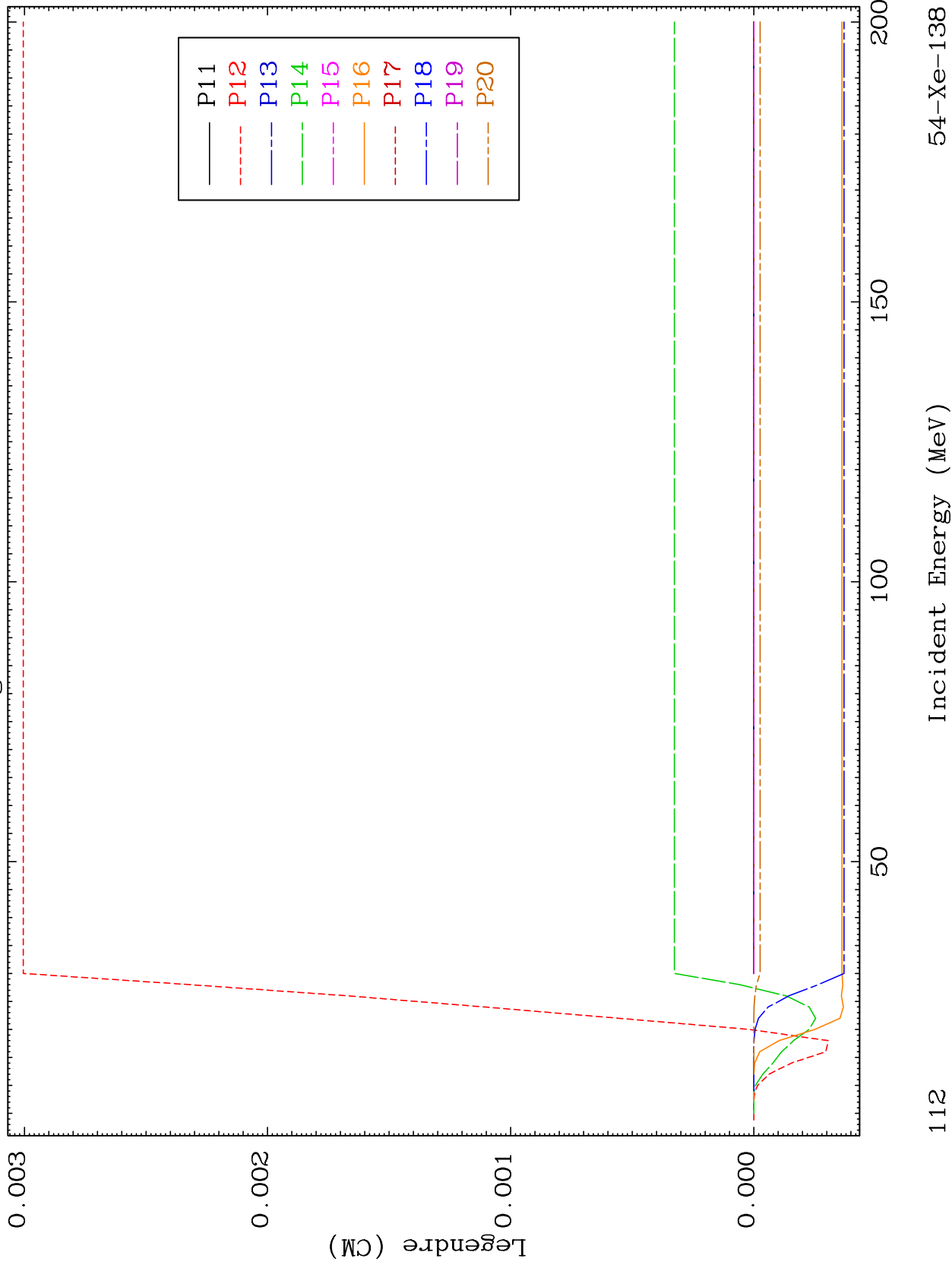
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



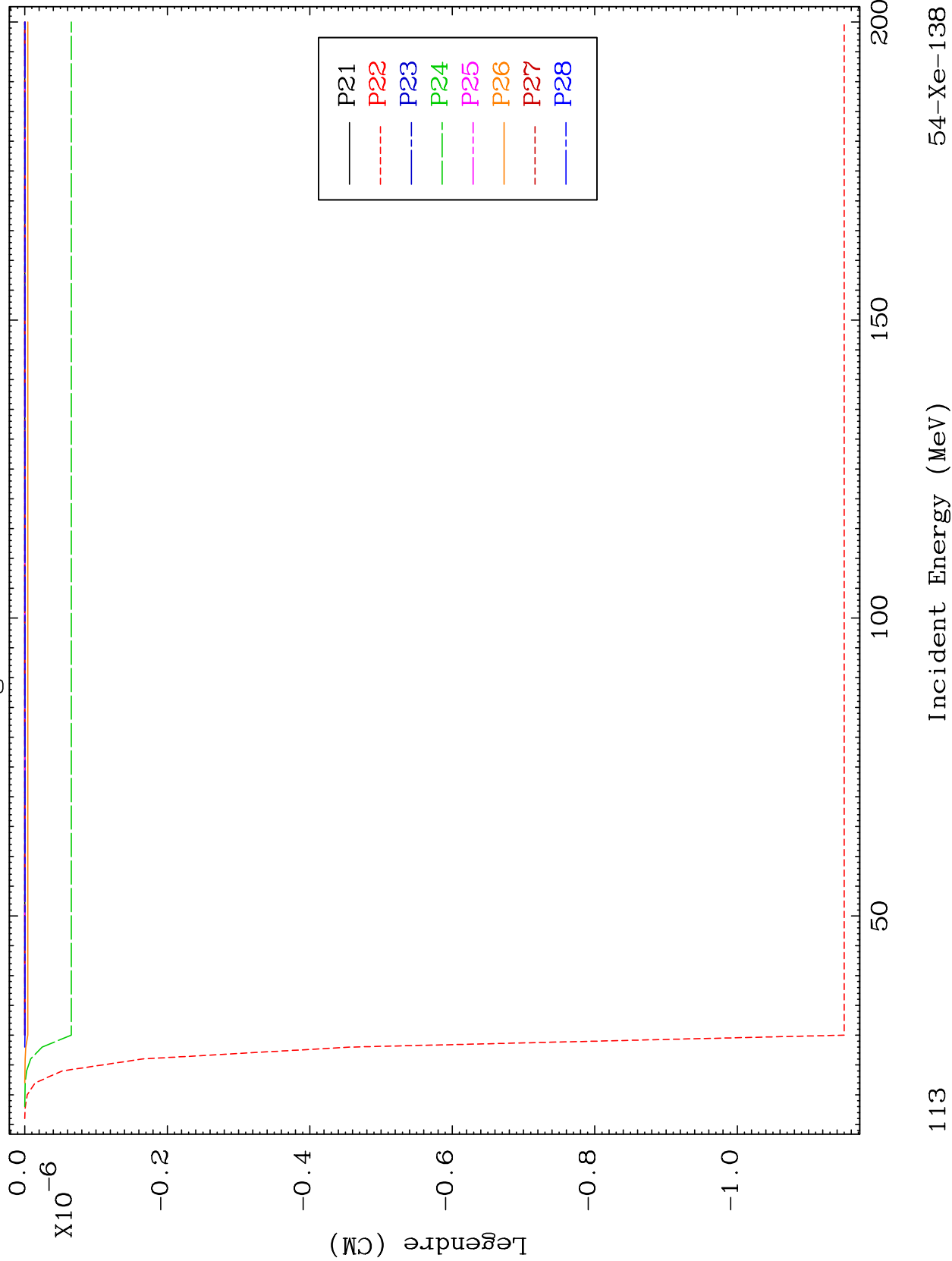
112

54-Xe-138

MAT 5467

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

54-Xe-138



113

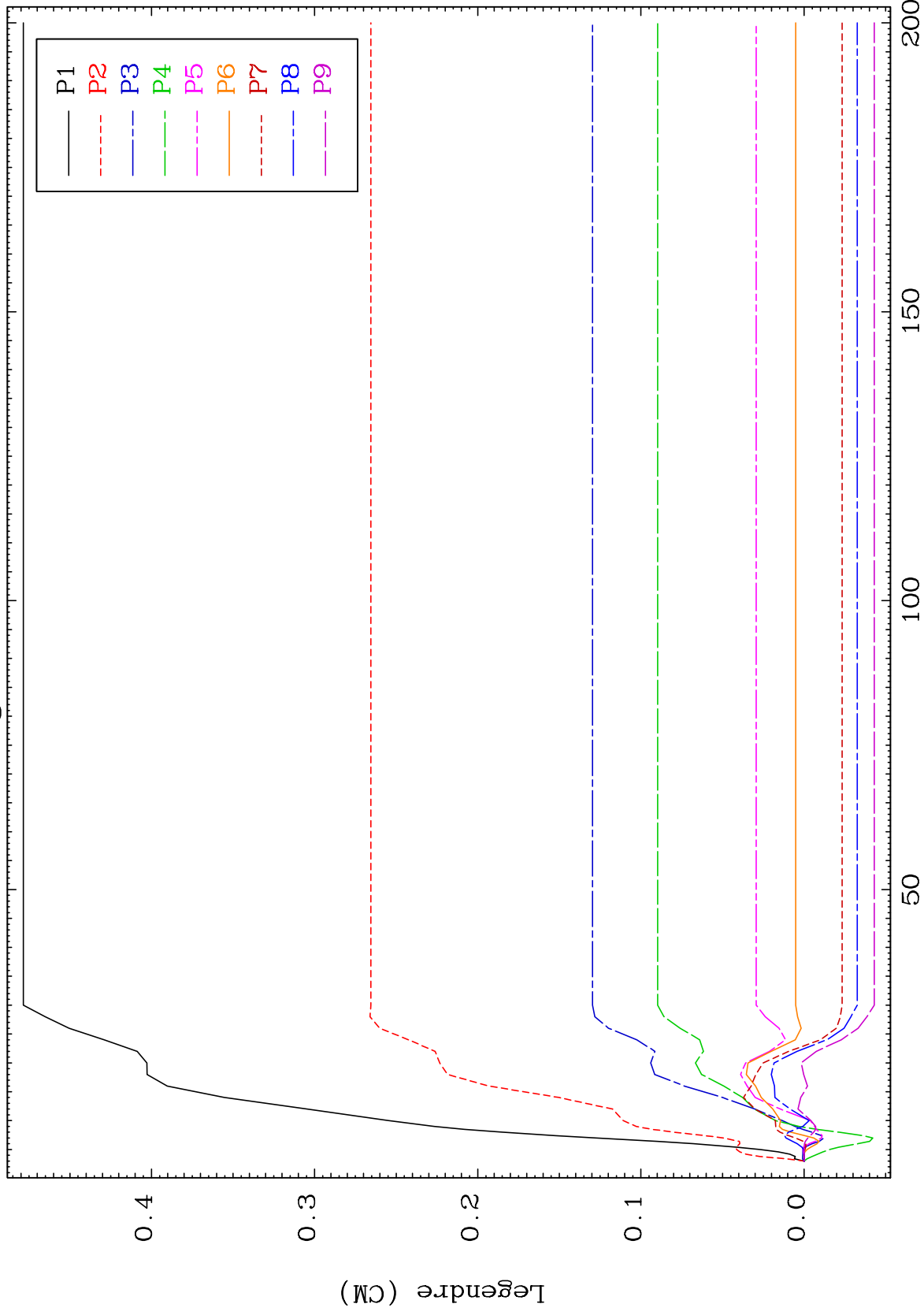
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



114

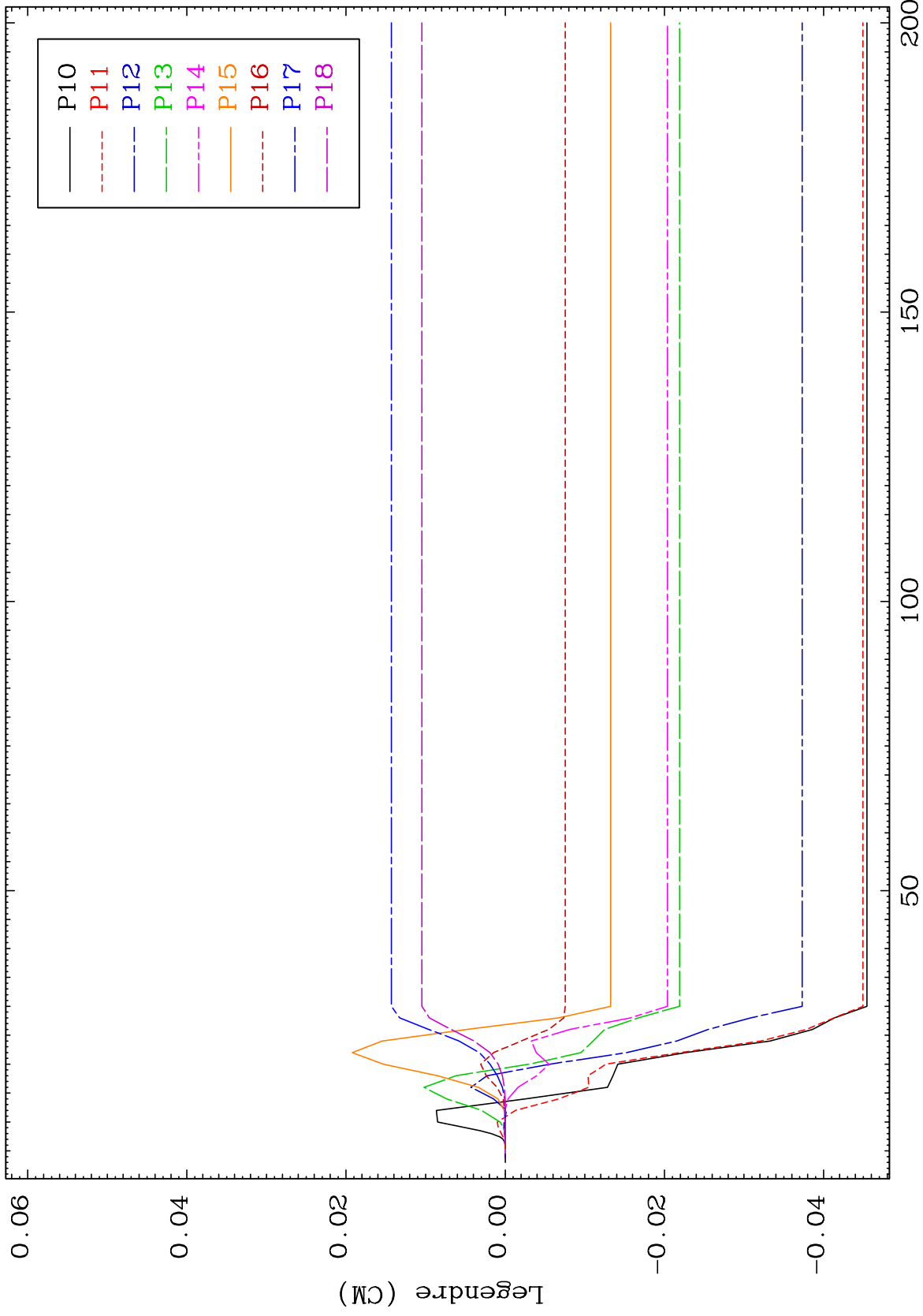
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

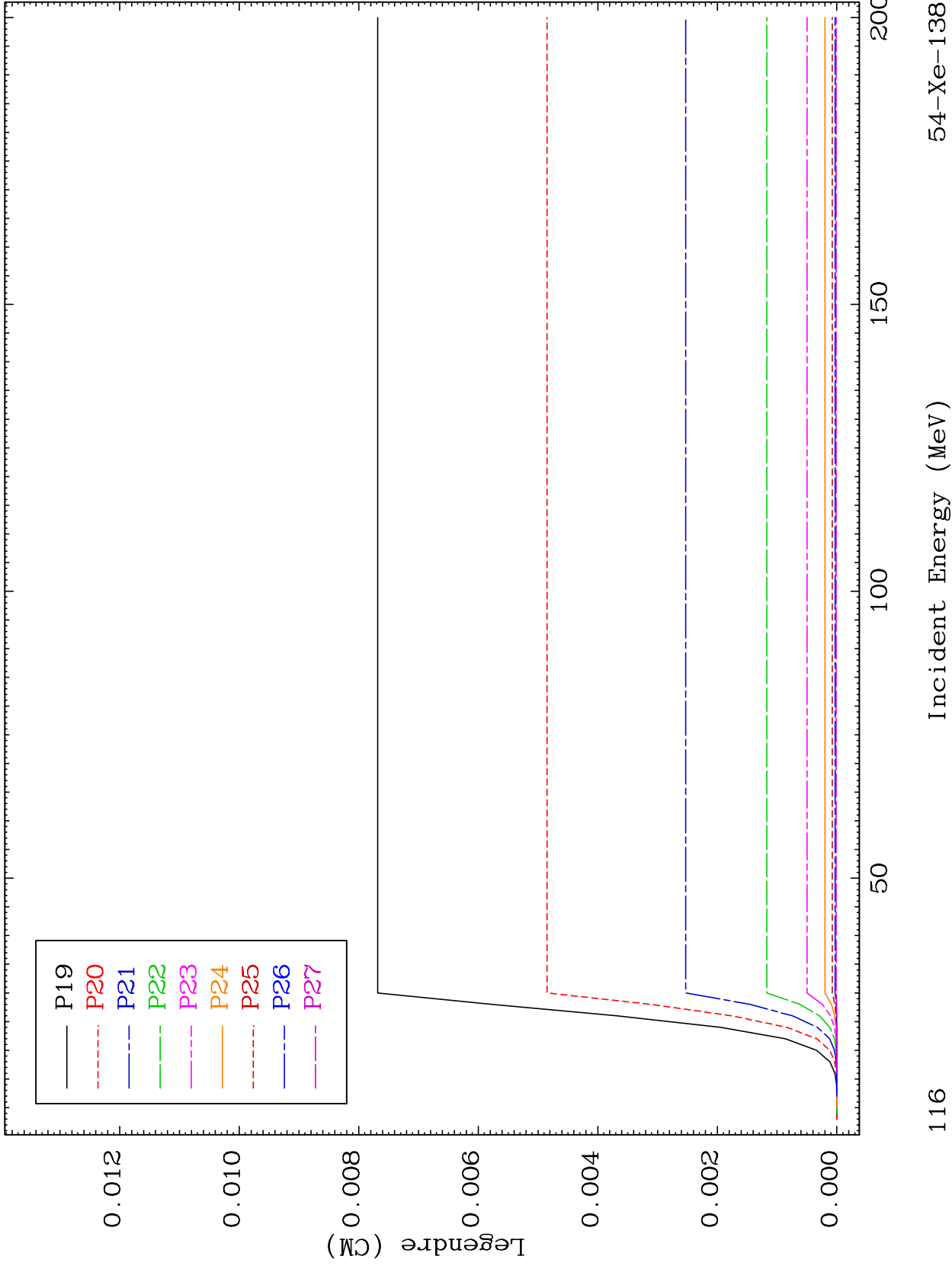
54-Xe-138



115

Incident Energy (MeV)

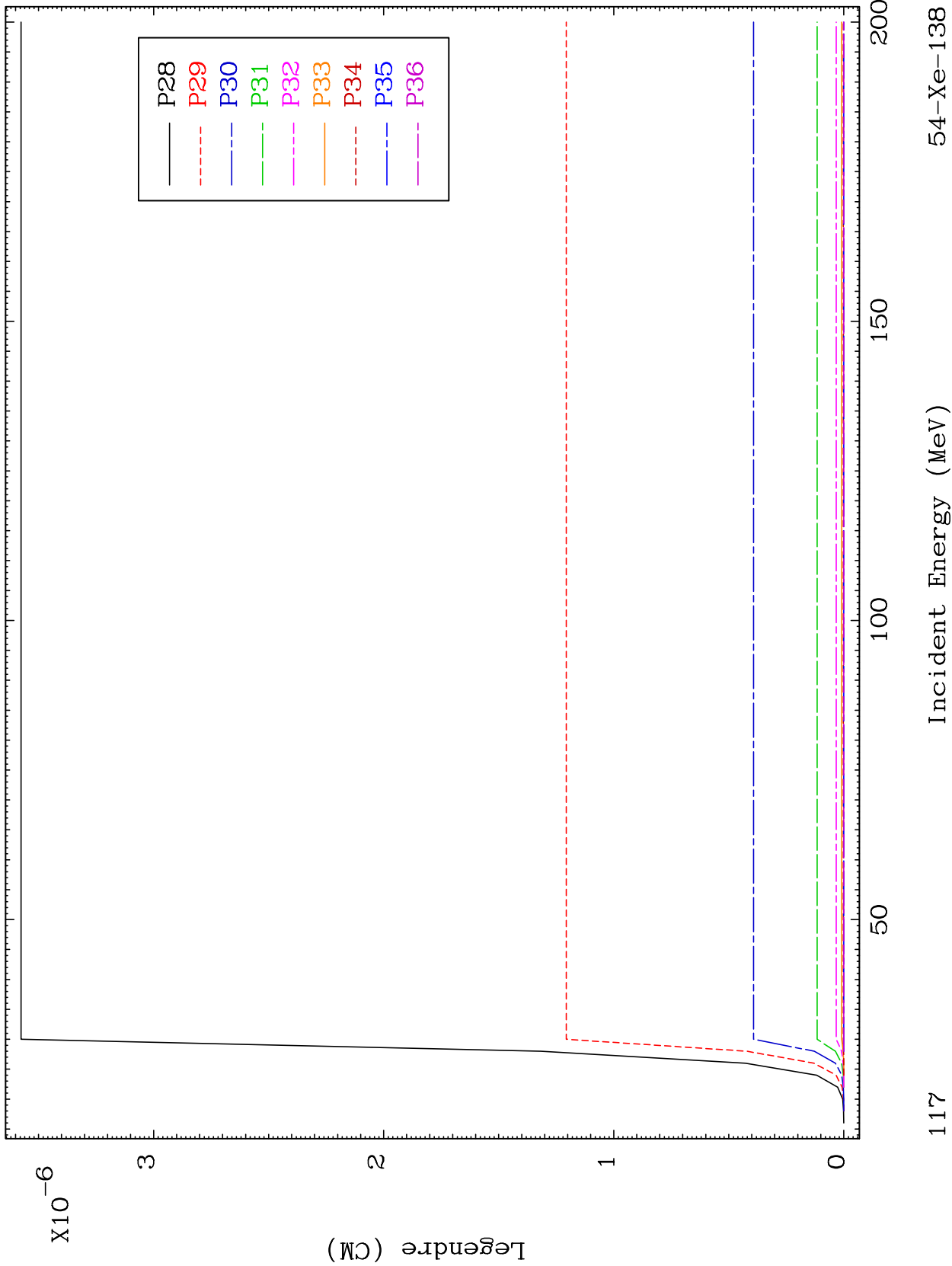
54-Xe-138



MAT 5467

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

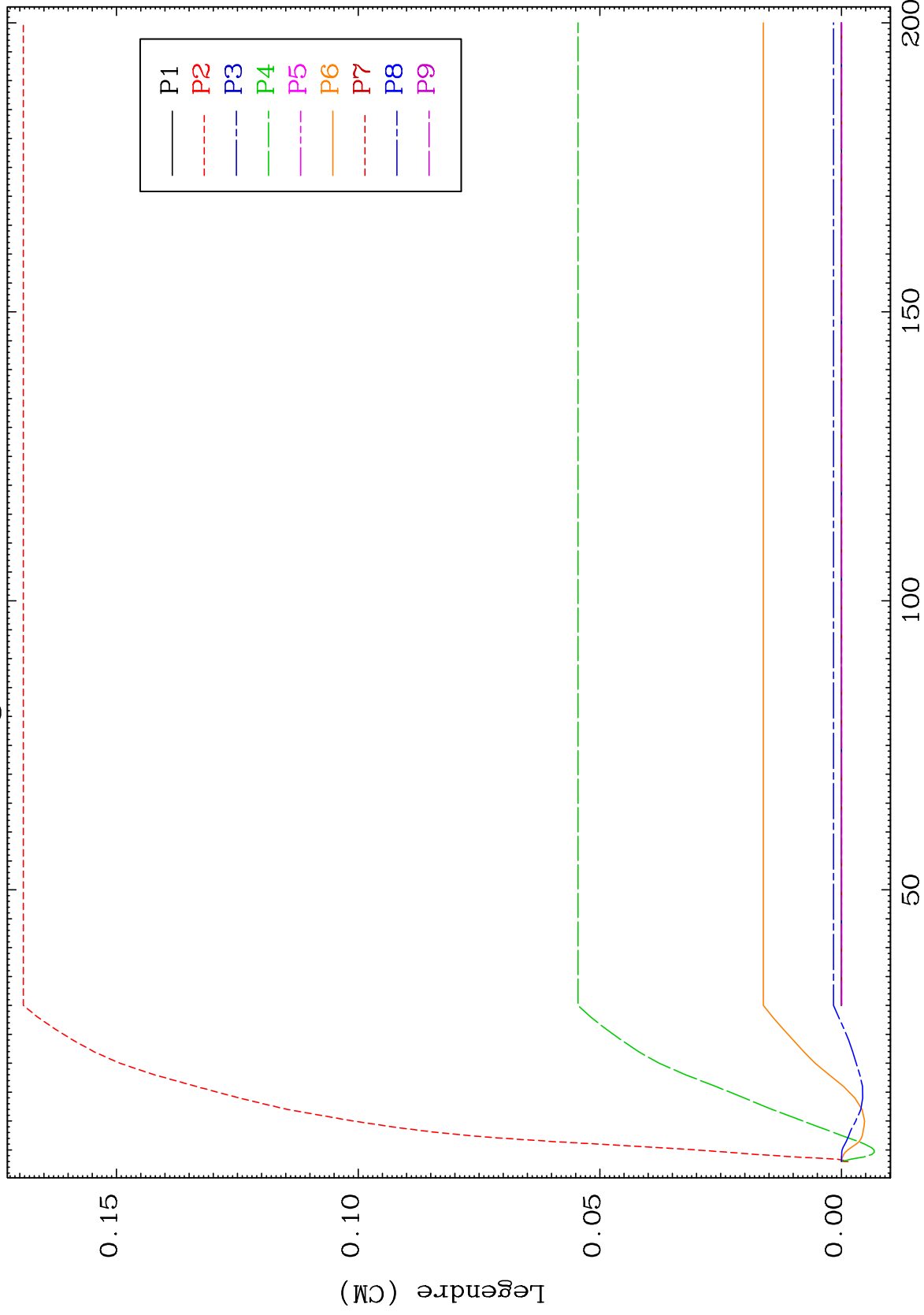
54-Xe-138



MAT 5467

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

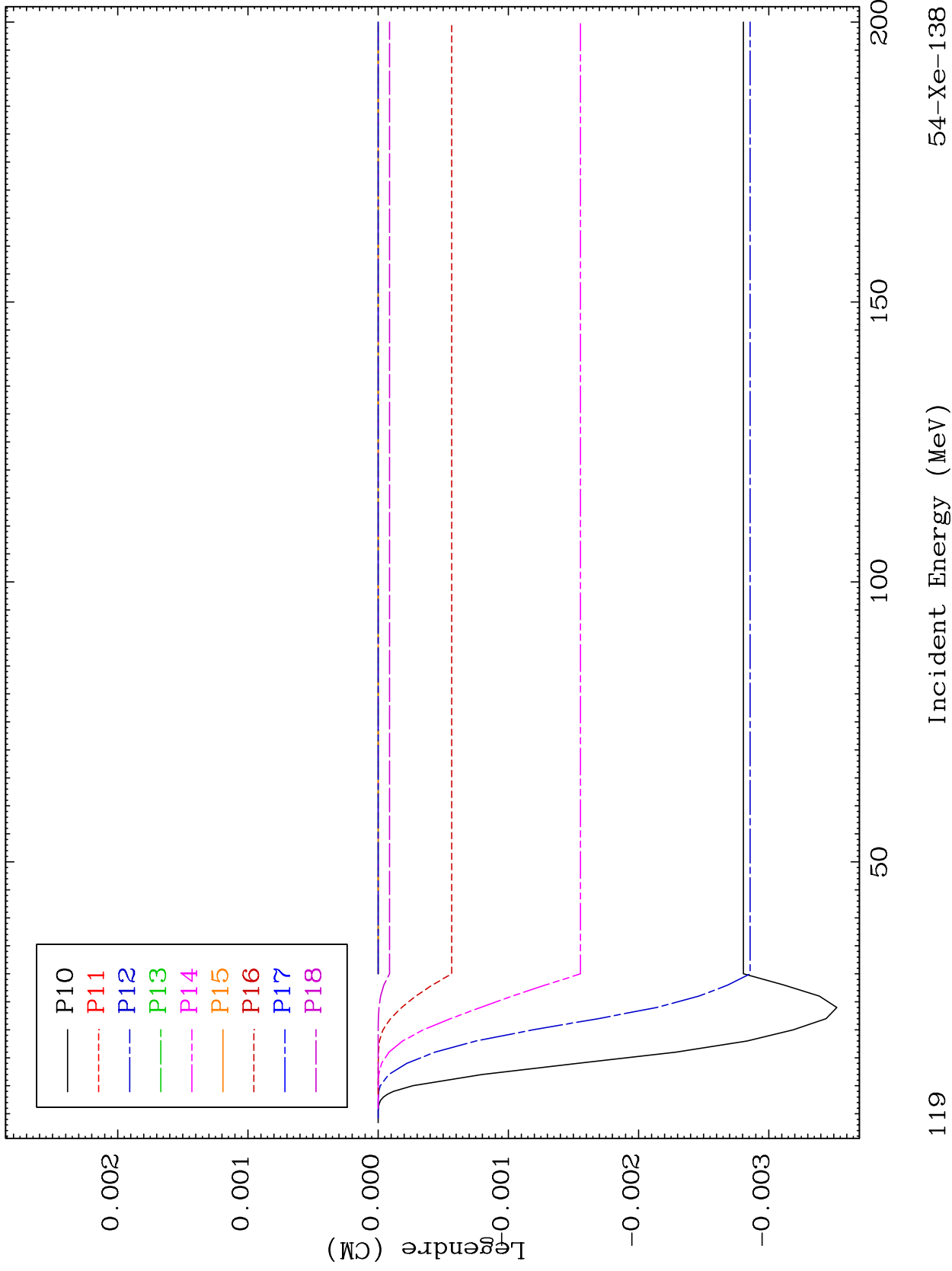
54-Xe-138

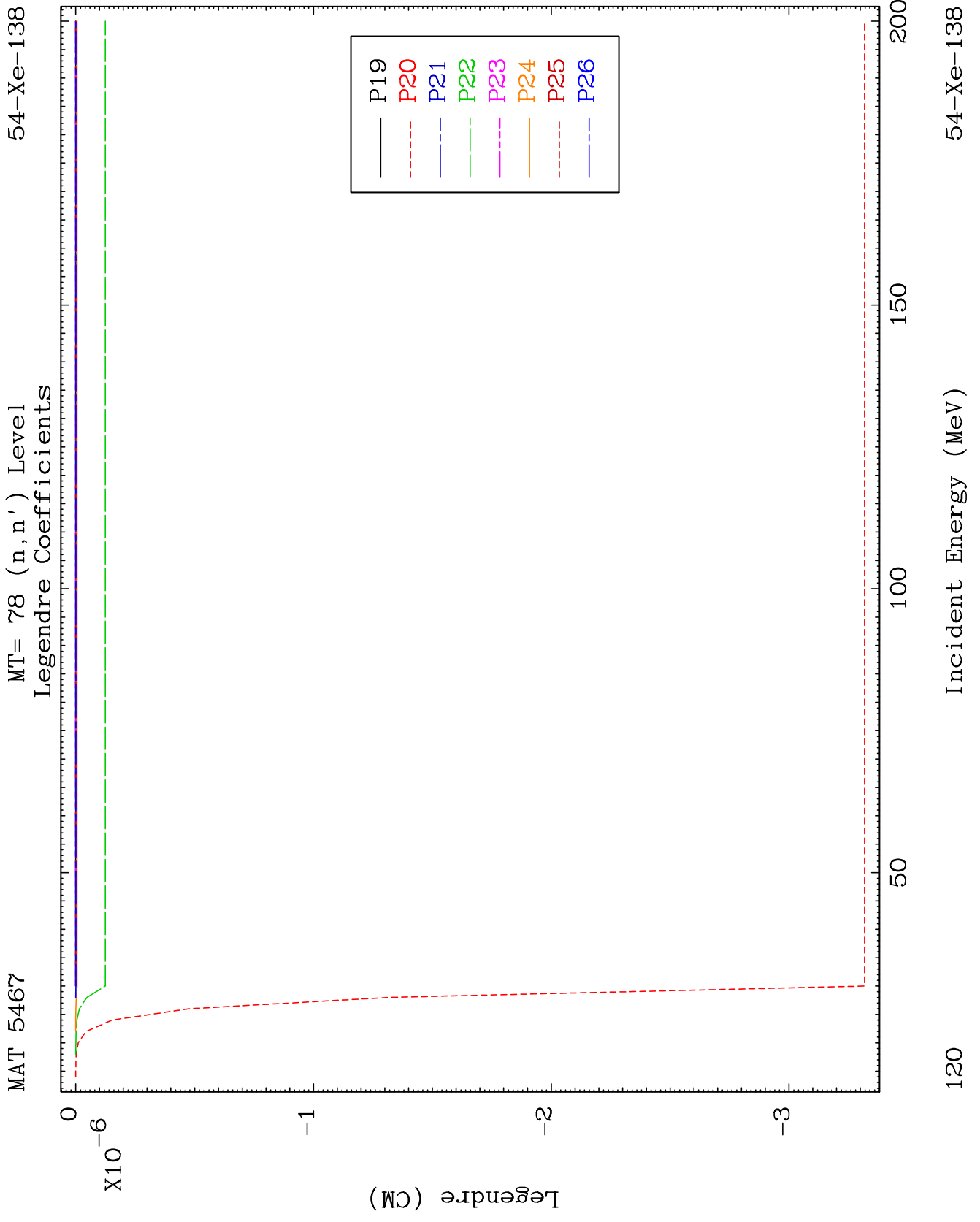


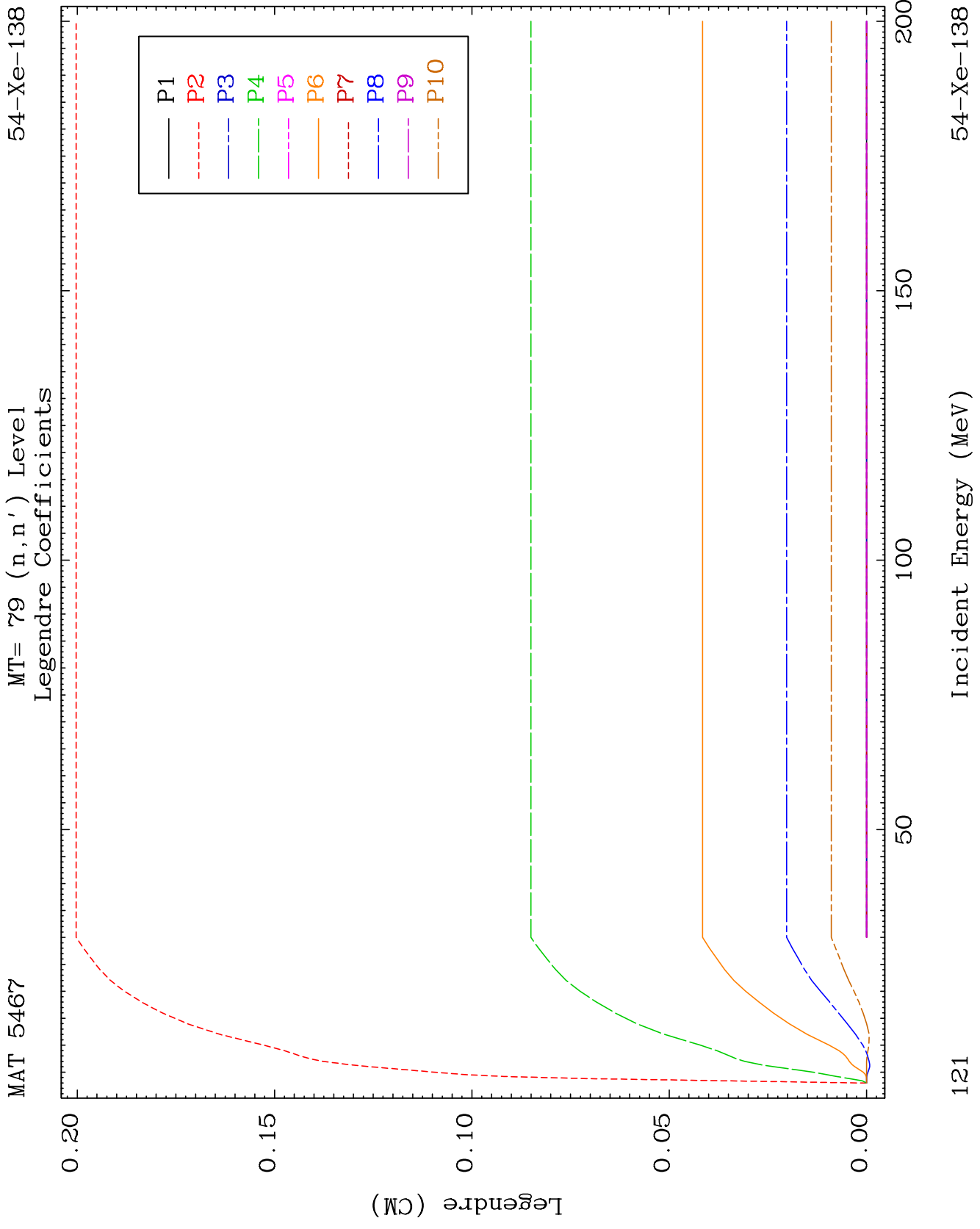
118

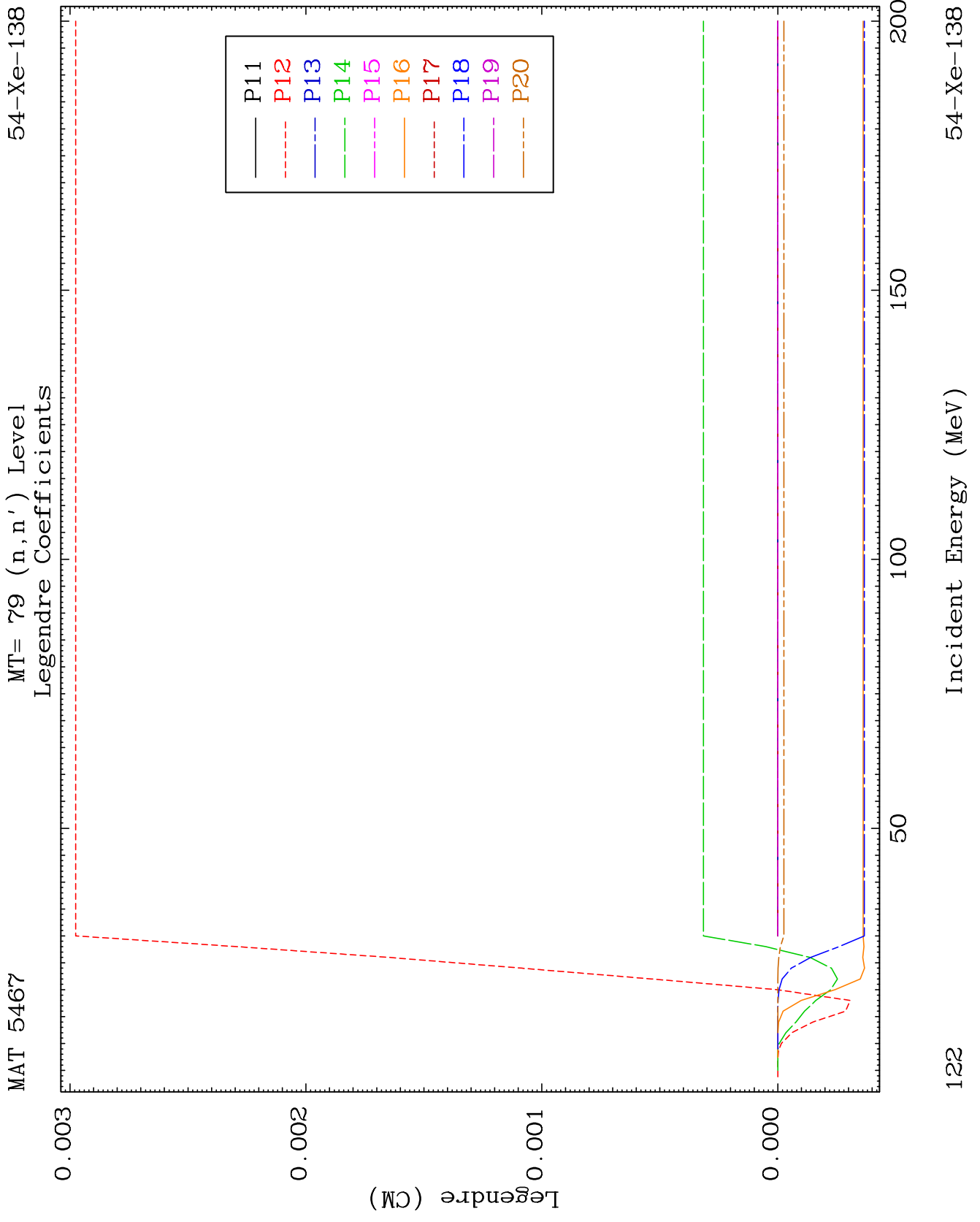
Incident Energy (MeV)

54-Xe-138





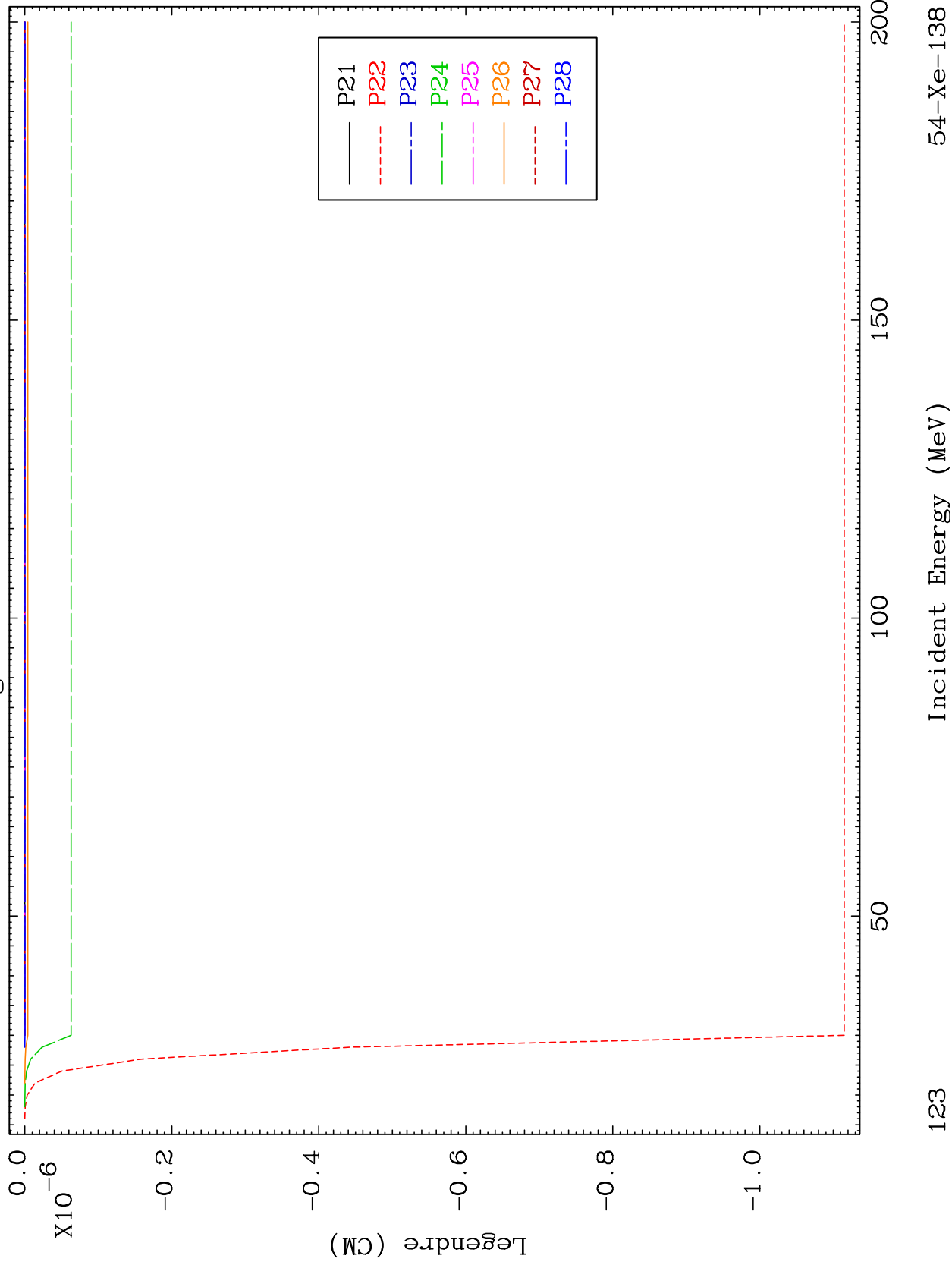




MAT 5467

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

54-Xe-138



123

Incident Energy (MeV)

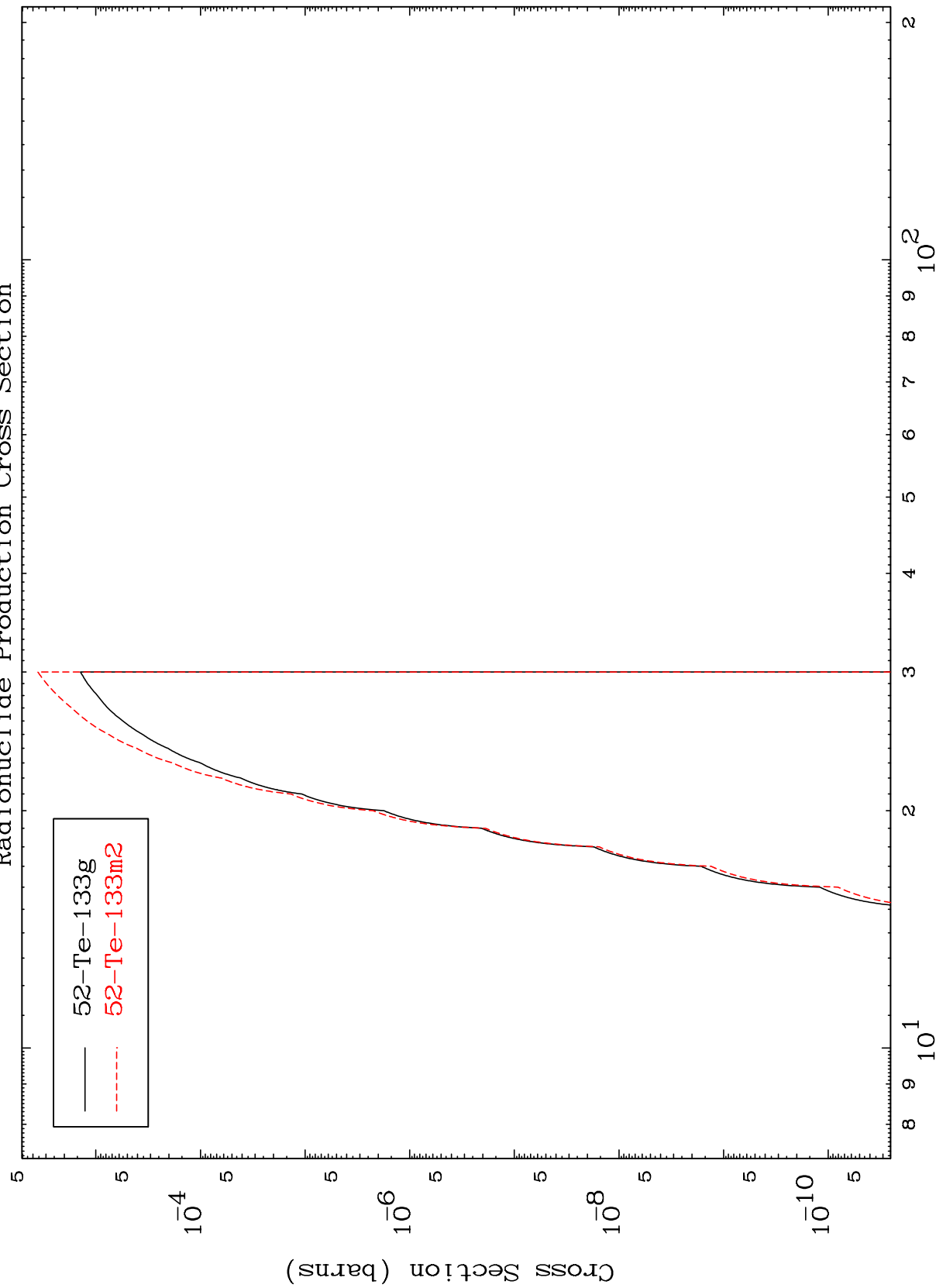
54-Xe-138

MAT 5467

(n,2n) α

54-Xe-138

Radionuclide Production Cross Section



124

Incident Energy (MeV)

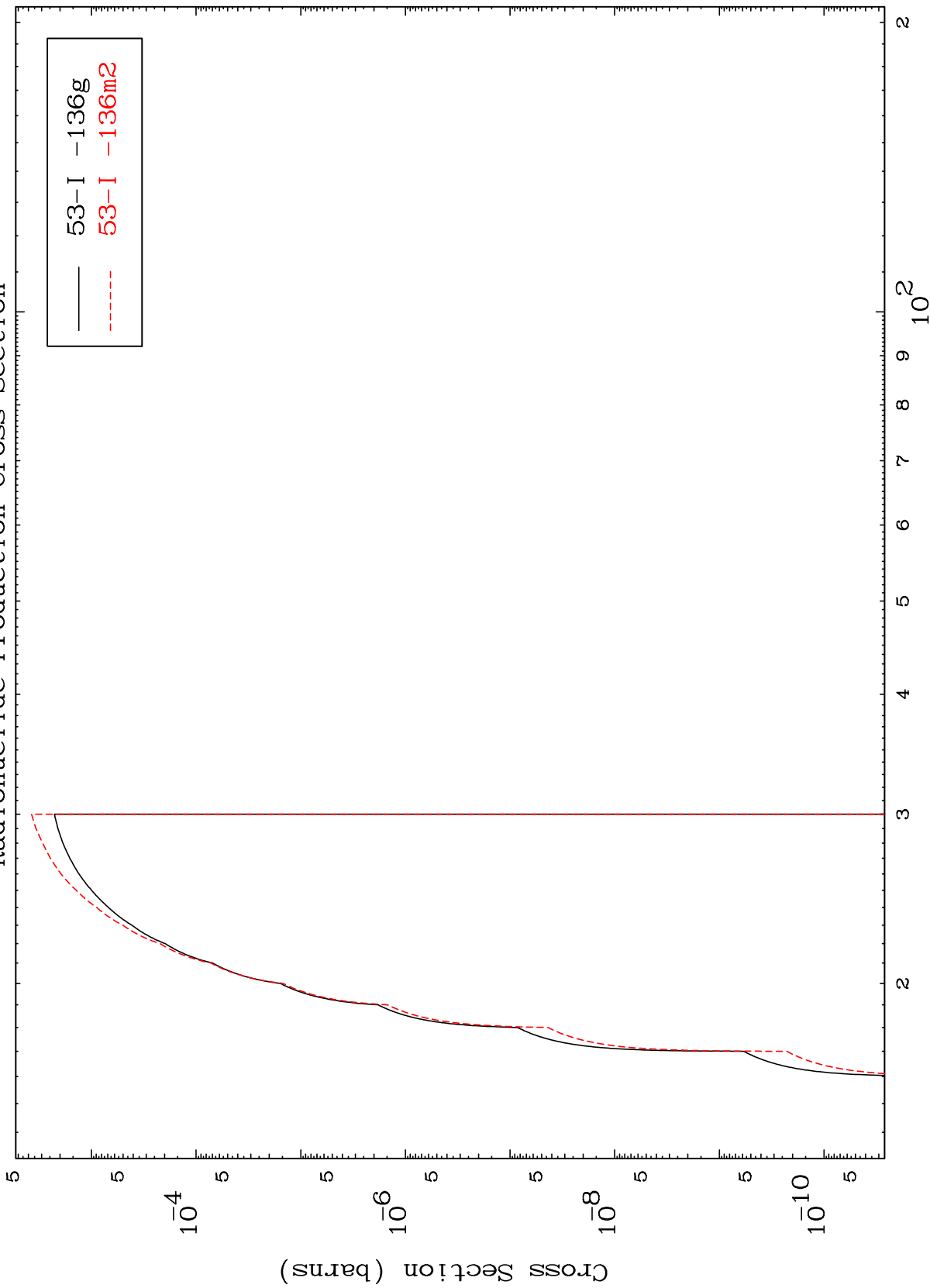
54-Xe-138

MAT 5467

(n,n') d

54-Xe-138

Radionuclide Production Cross Section

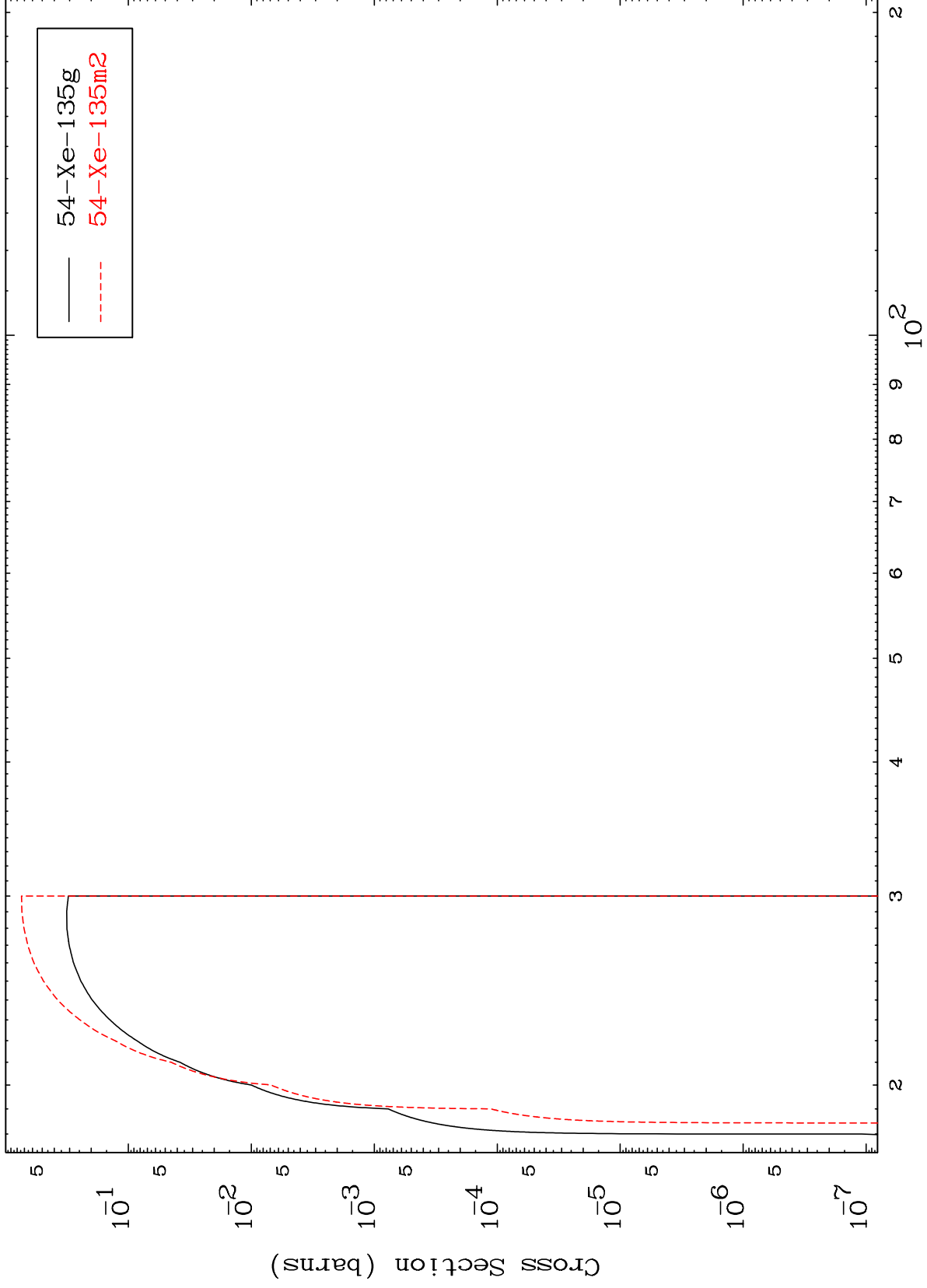


125

Incident Energy (MeV)

54-Xe-138

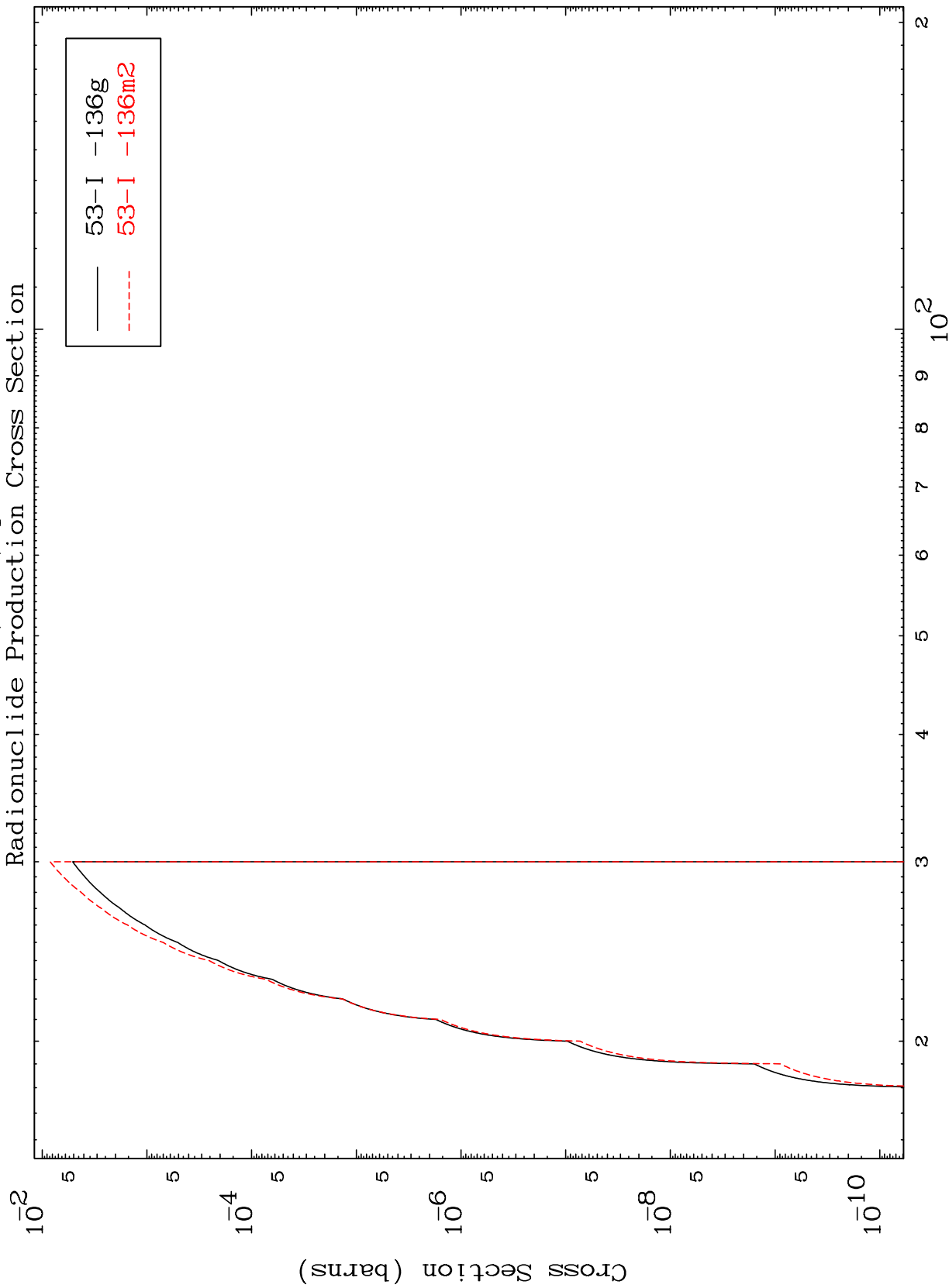
(n,4n)
Radionuclide Production Cross Section



MAT 5467

54-Xe-138

(n,2n) p
Radionuclide Production Cross Section



127

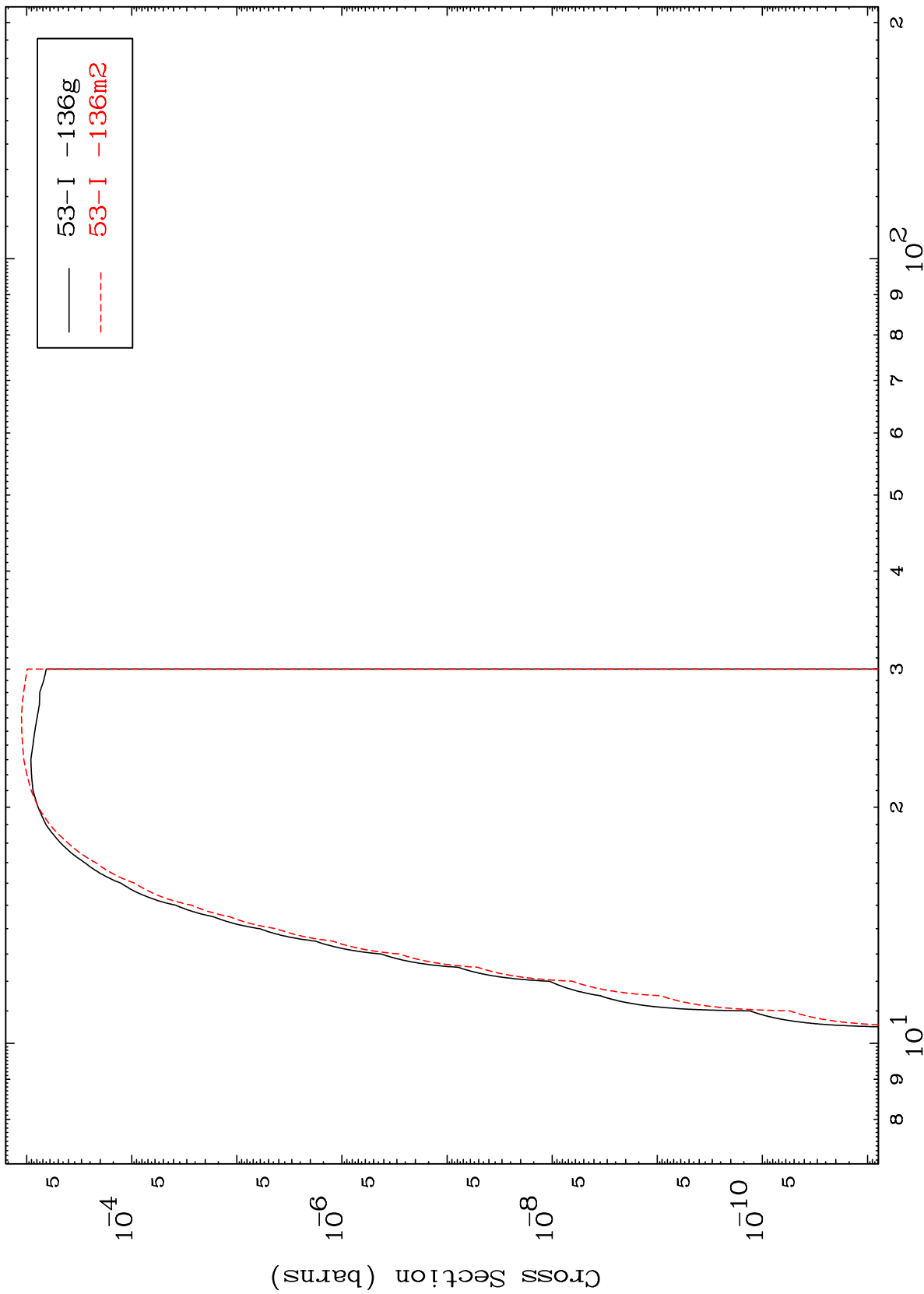
Incident Energy (MeV)

54-Xe-138

MAT 5467

54-Xe-138

(n,t)
Radionuclide Production Cross Section



128

Incident Energy (MeV)

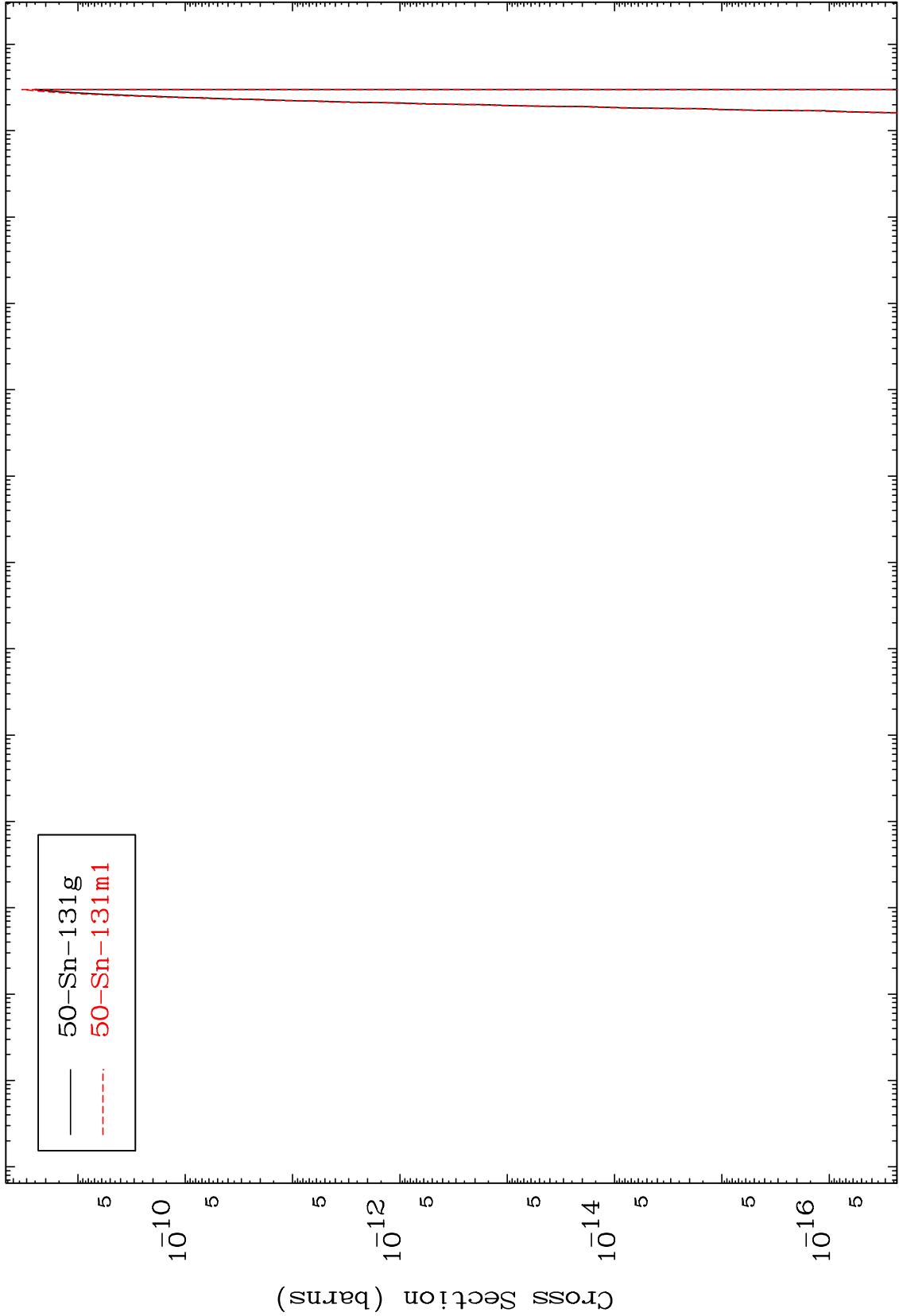
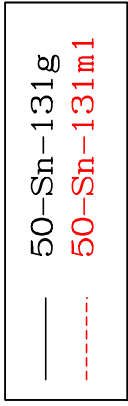
54-Xe-138

MAT 5467

(n,2α)

54-Xe-138

Radionuclide Production Cross Section

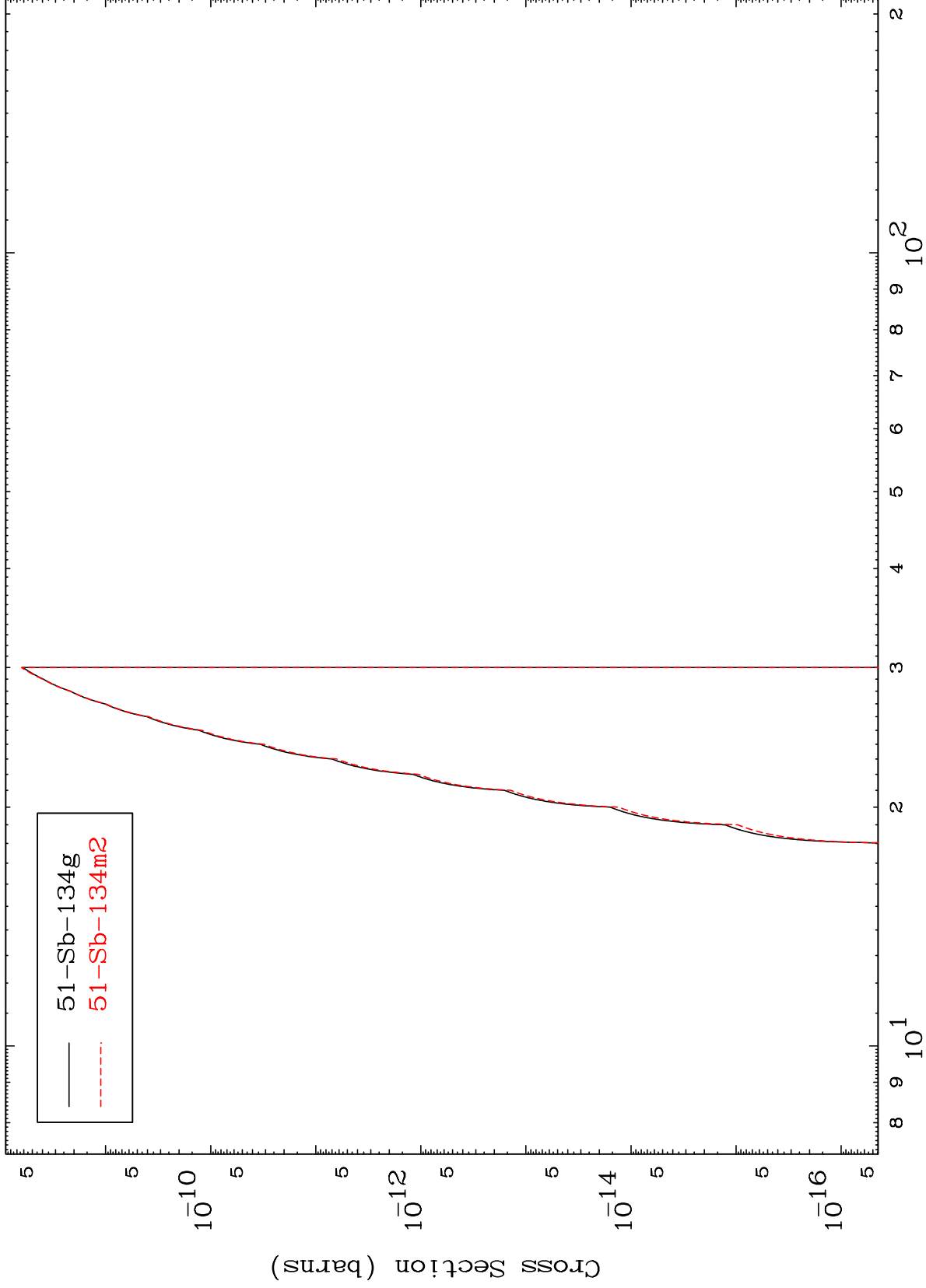


MAT 5467

(n,p) α

54-Xe-138

Radionuclide Production Cross Section



130

Incident Energy (MeV)

54-Xe-138