

Program EVALPLOT  
(Version 2018-1)

by

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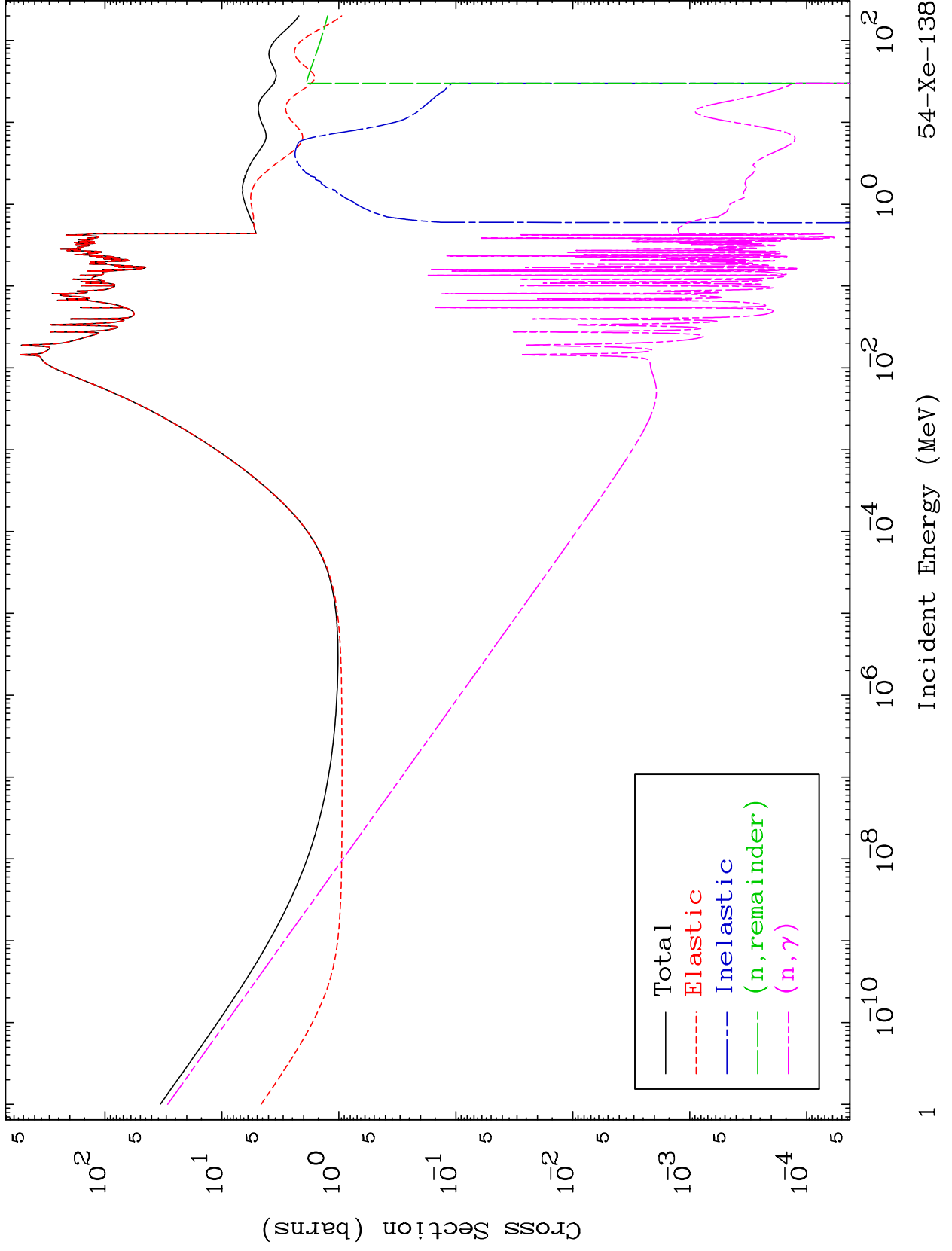
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5467

Major  
293 Kelvin Cross Sections

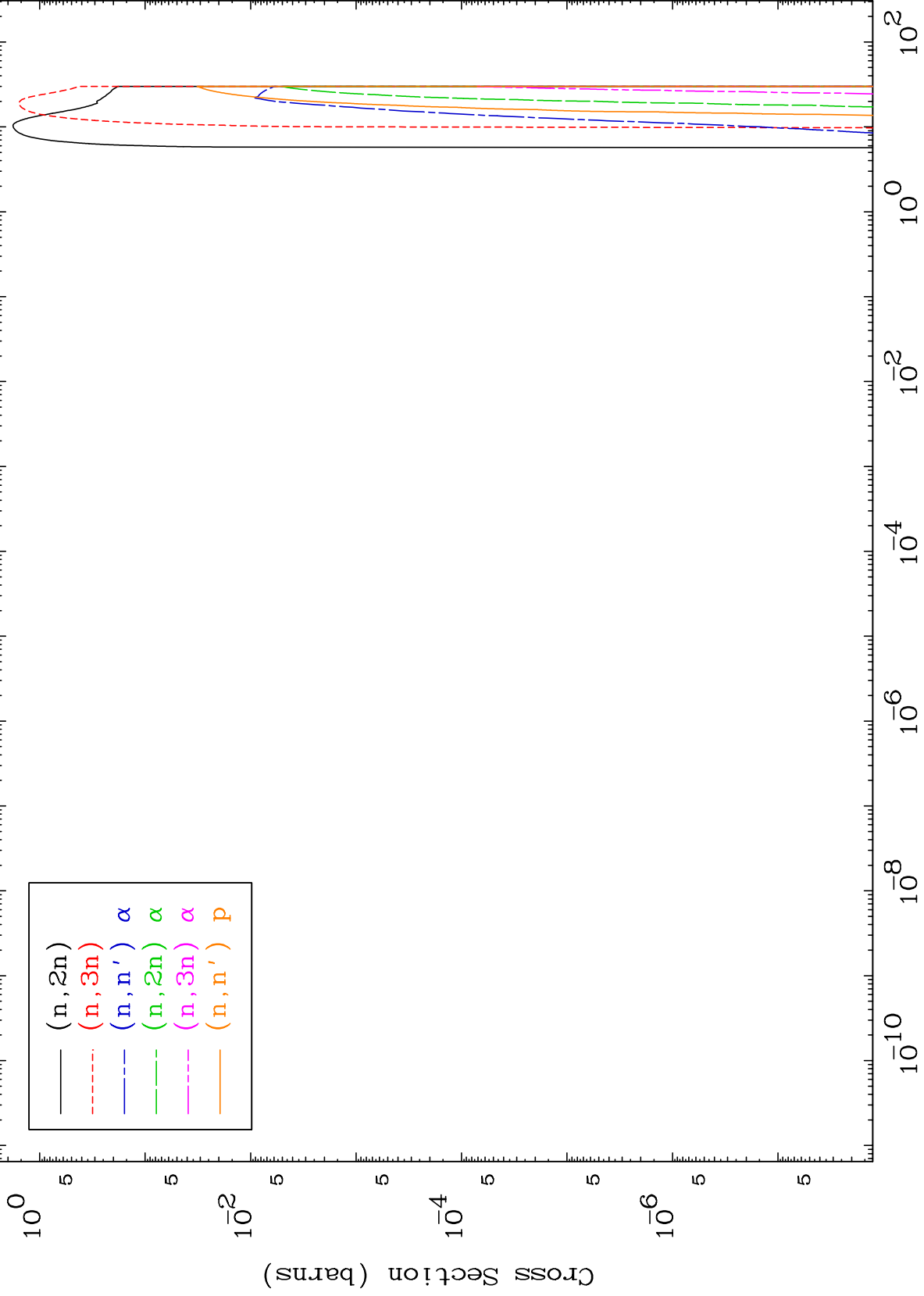
54-Xe-138



MAT 5467

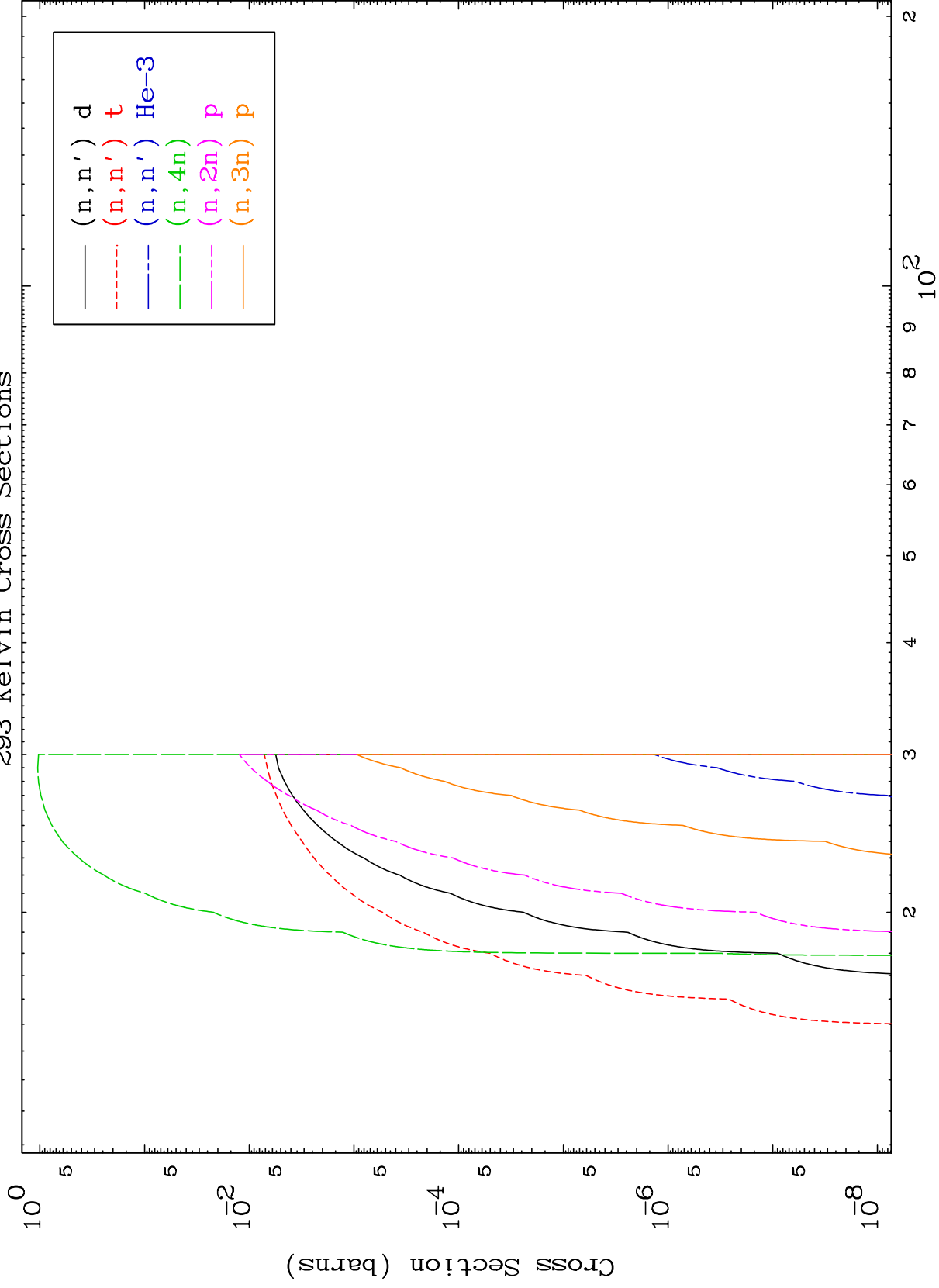
Neutron Production  
293 Kelvin Cross Sections

54-Xe-138



54-Xe-138

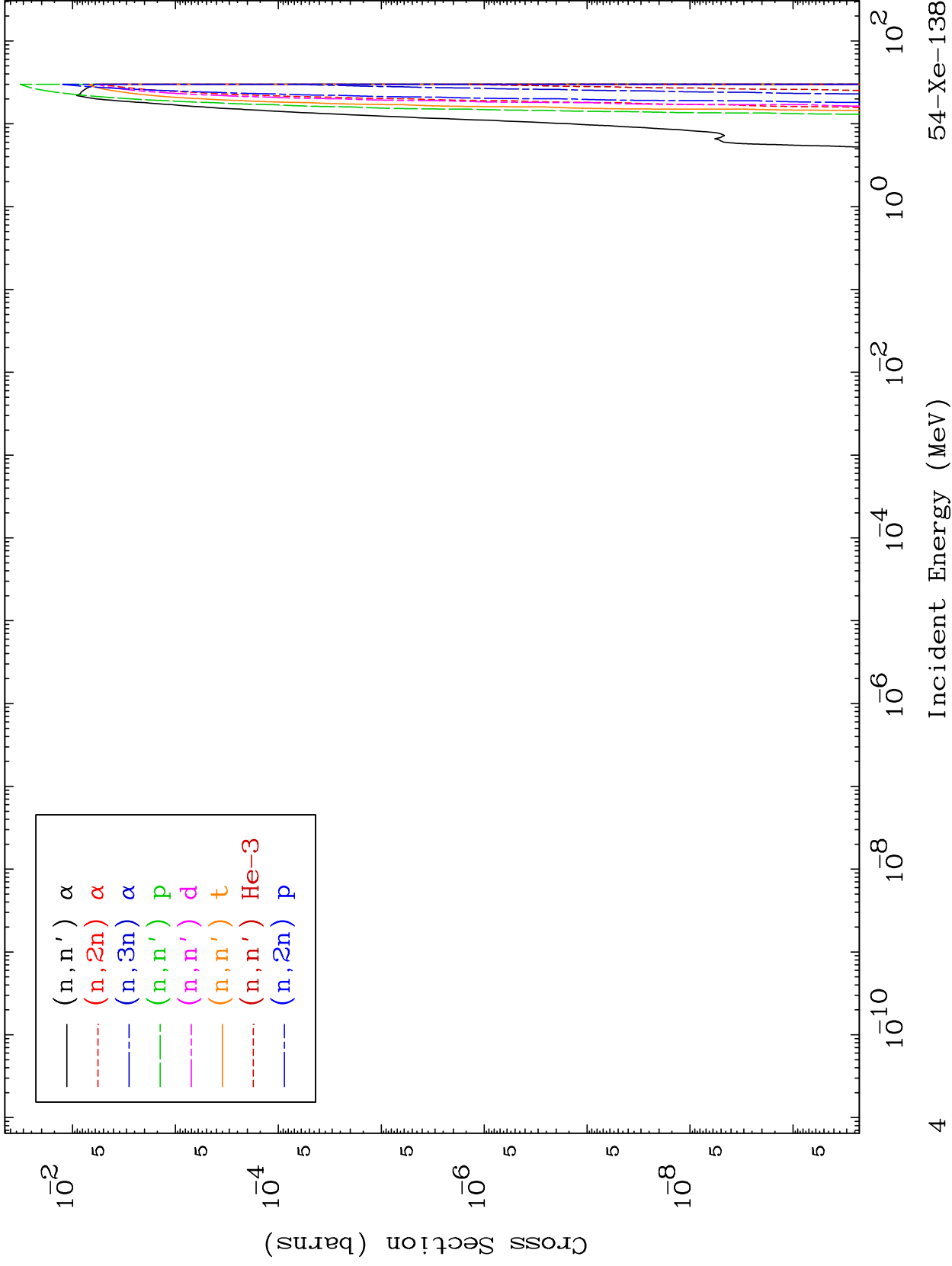
Incident Energy (MeV)

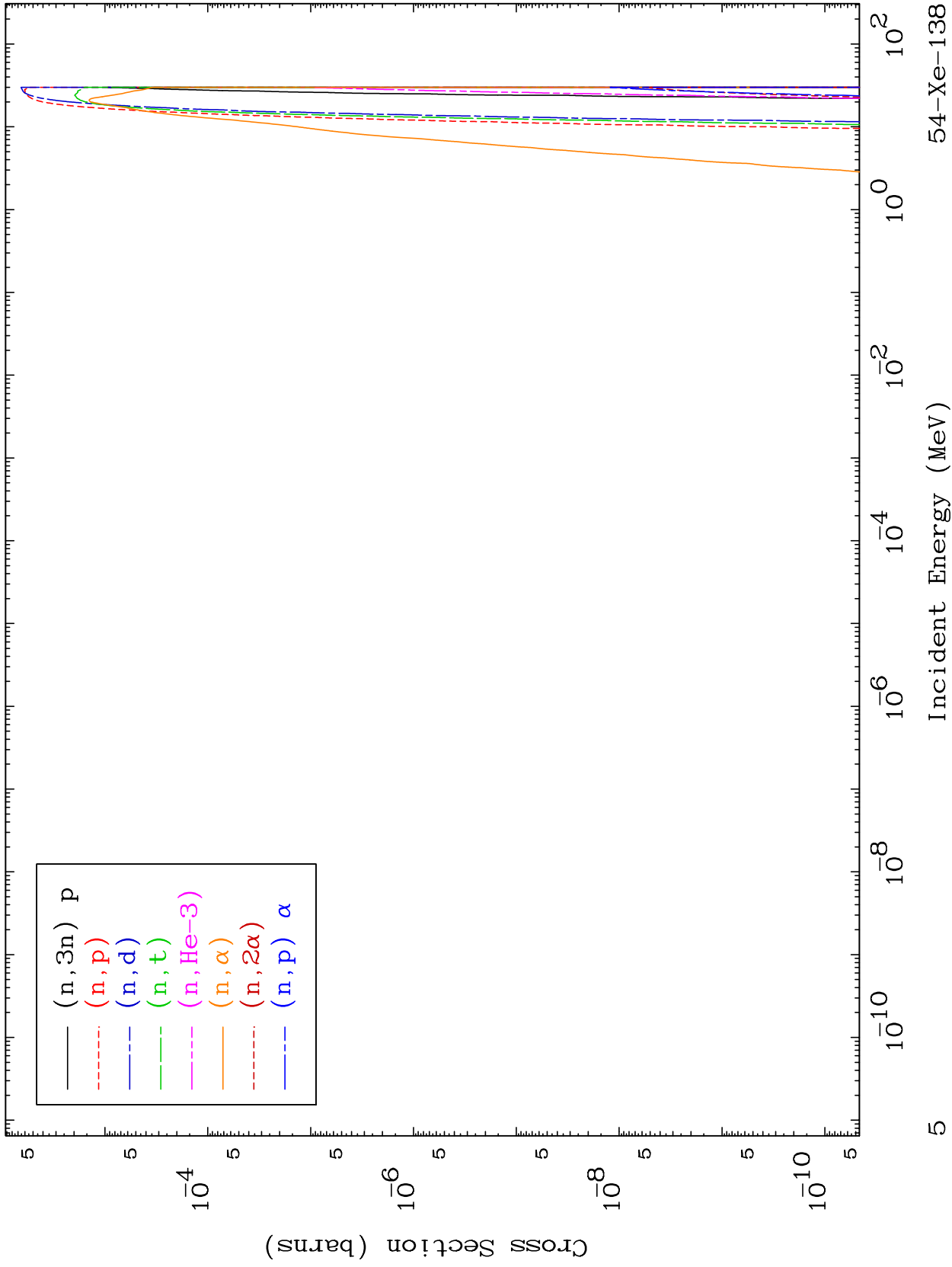


MAT 5467

Charged Particle  
293 Kelvin Cross Sections

54-Xe-138

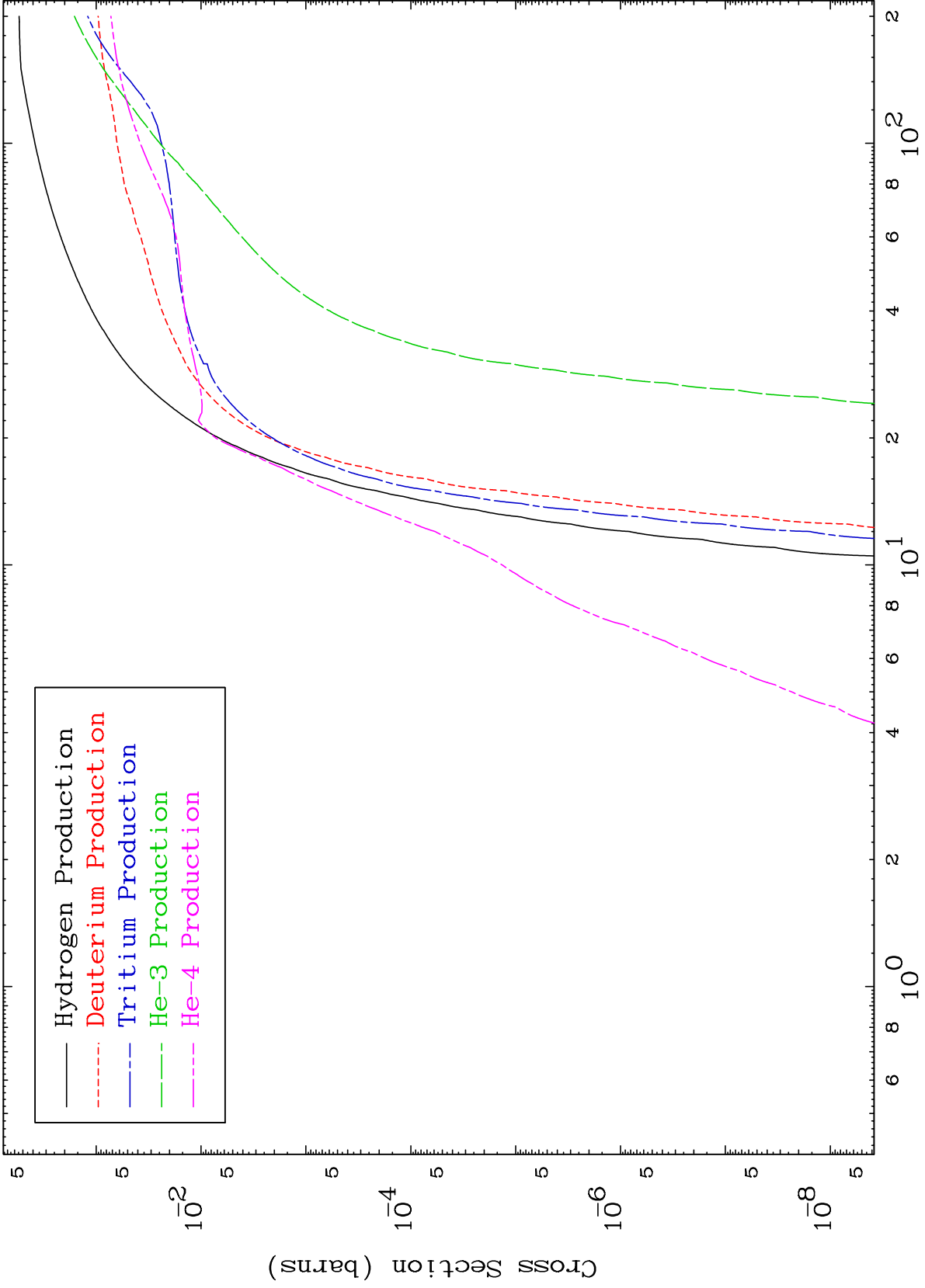




MAT 5467

Particle Production  
293 Kelvin Cross Sections

54-Xe-138



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Incident Energy (MeV)

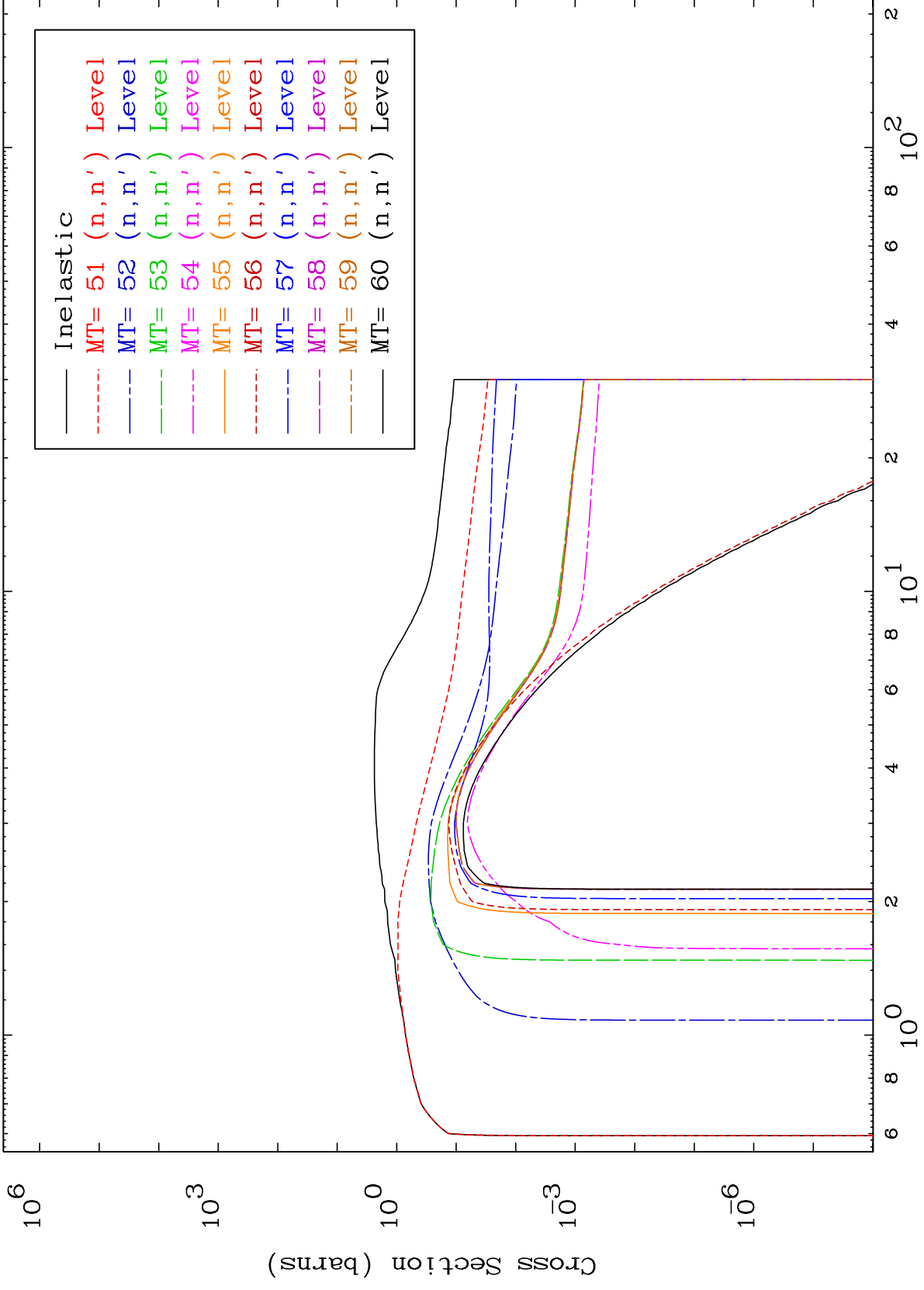
54-Xe-138

MAT 5467

(n,n') Level

54-Xe-138

293 Kelvin Cross Sections



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Incident Energy (MeV)

54-Xe-138

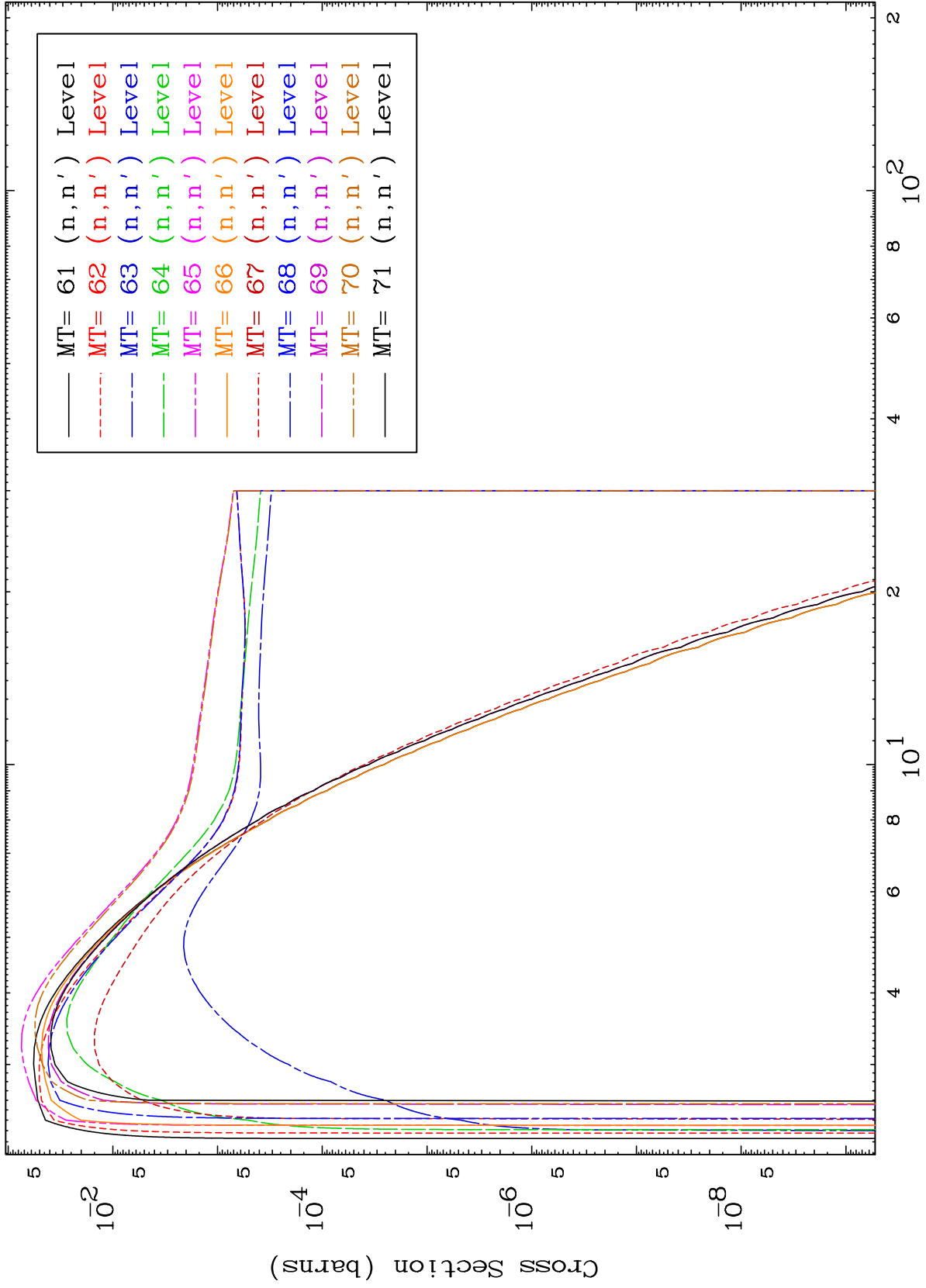


MAT 5467

(n,n') Level

54-Xe-138

293 Kelvin Cross Sections

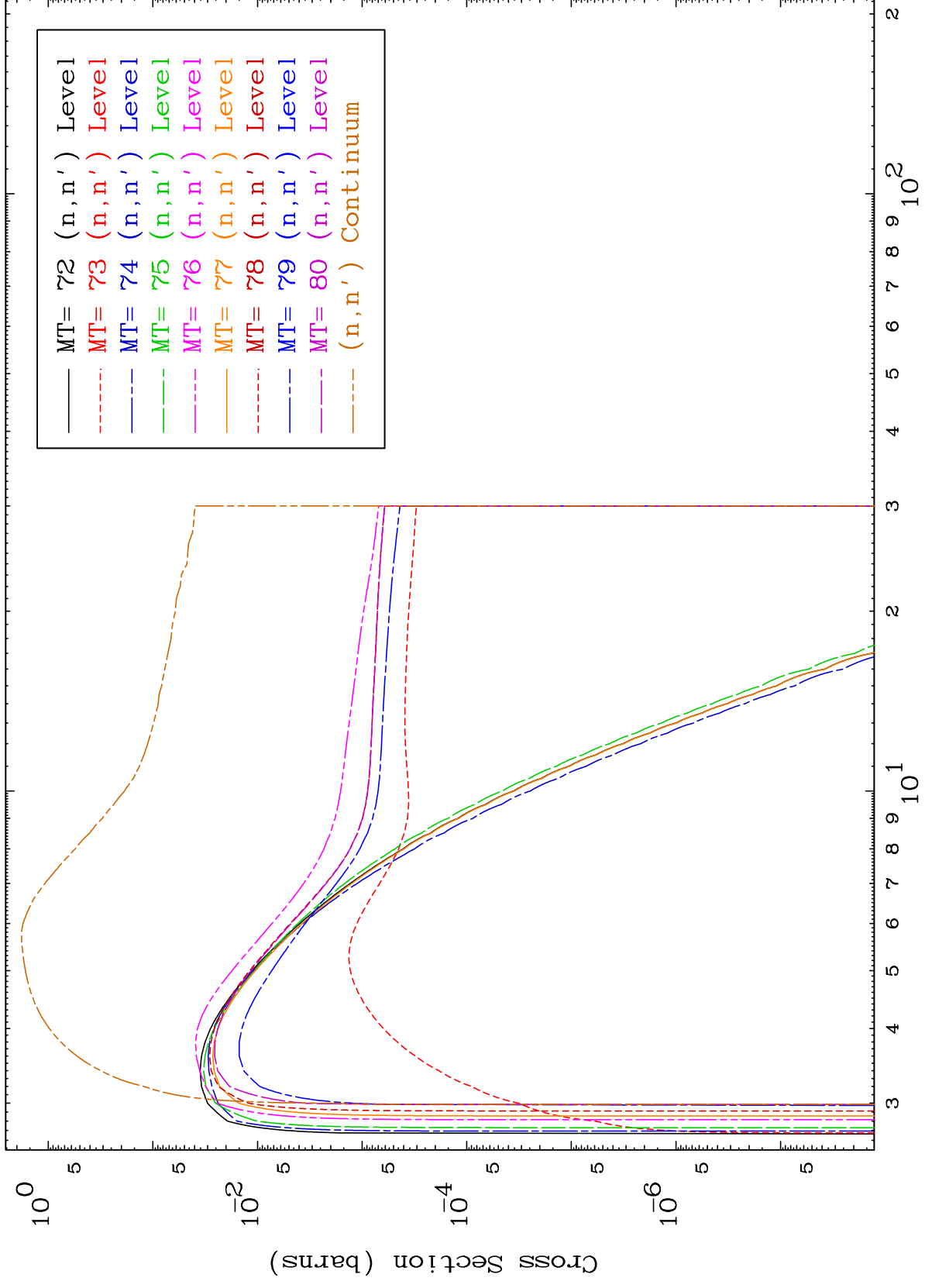


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Incident Energy (MeV)

54-Xe-138

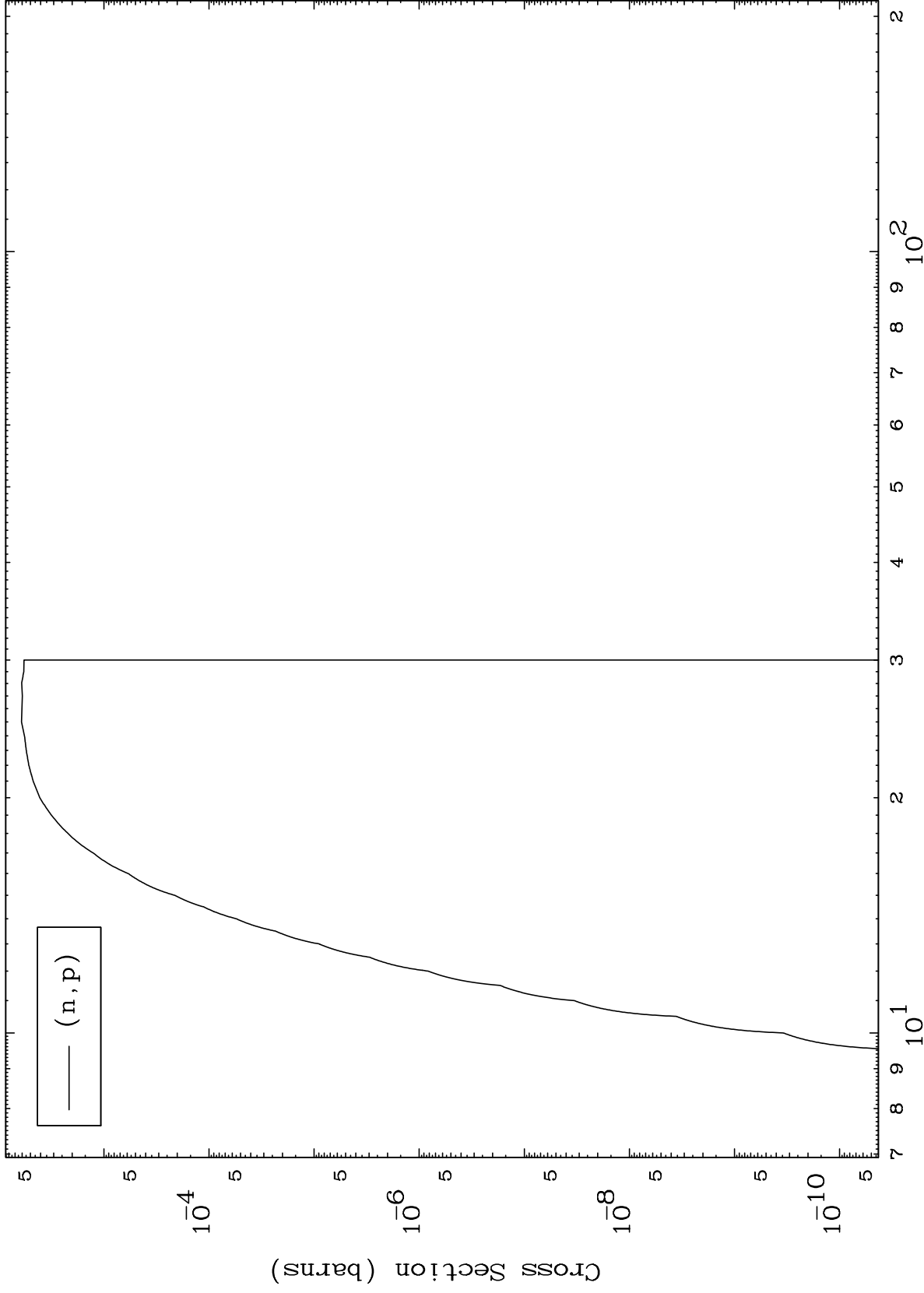
293 Kelvin Cross Sections



MAT 5467

(n,p) Levels  
293 Kelvin Cross Sections

54-Xe-138



10

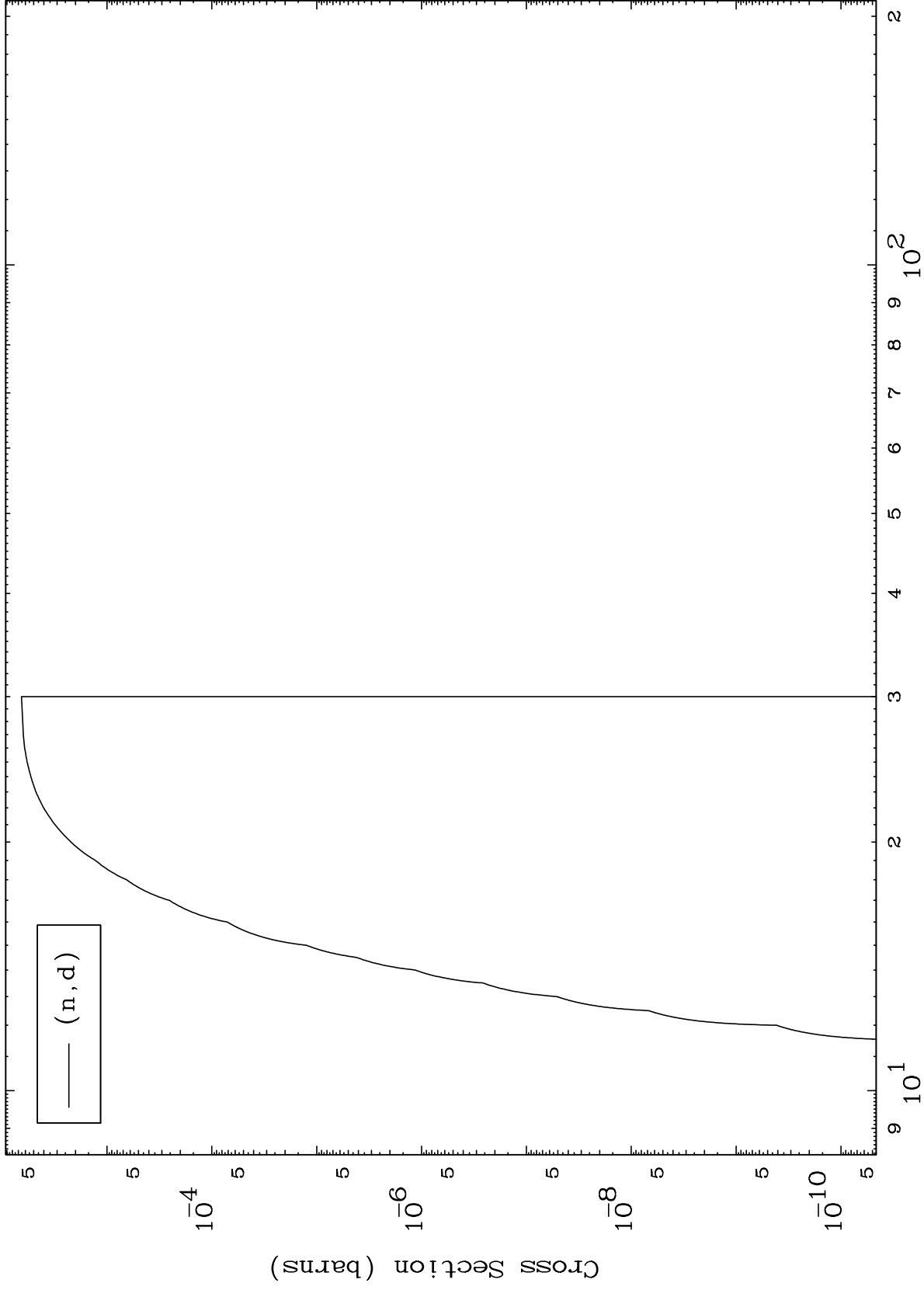
Incident Energy (MeV)

54-Xe-138

MAT 5467

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-138



11

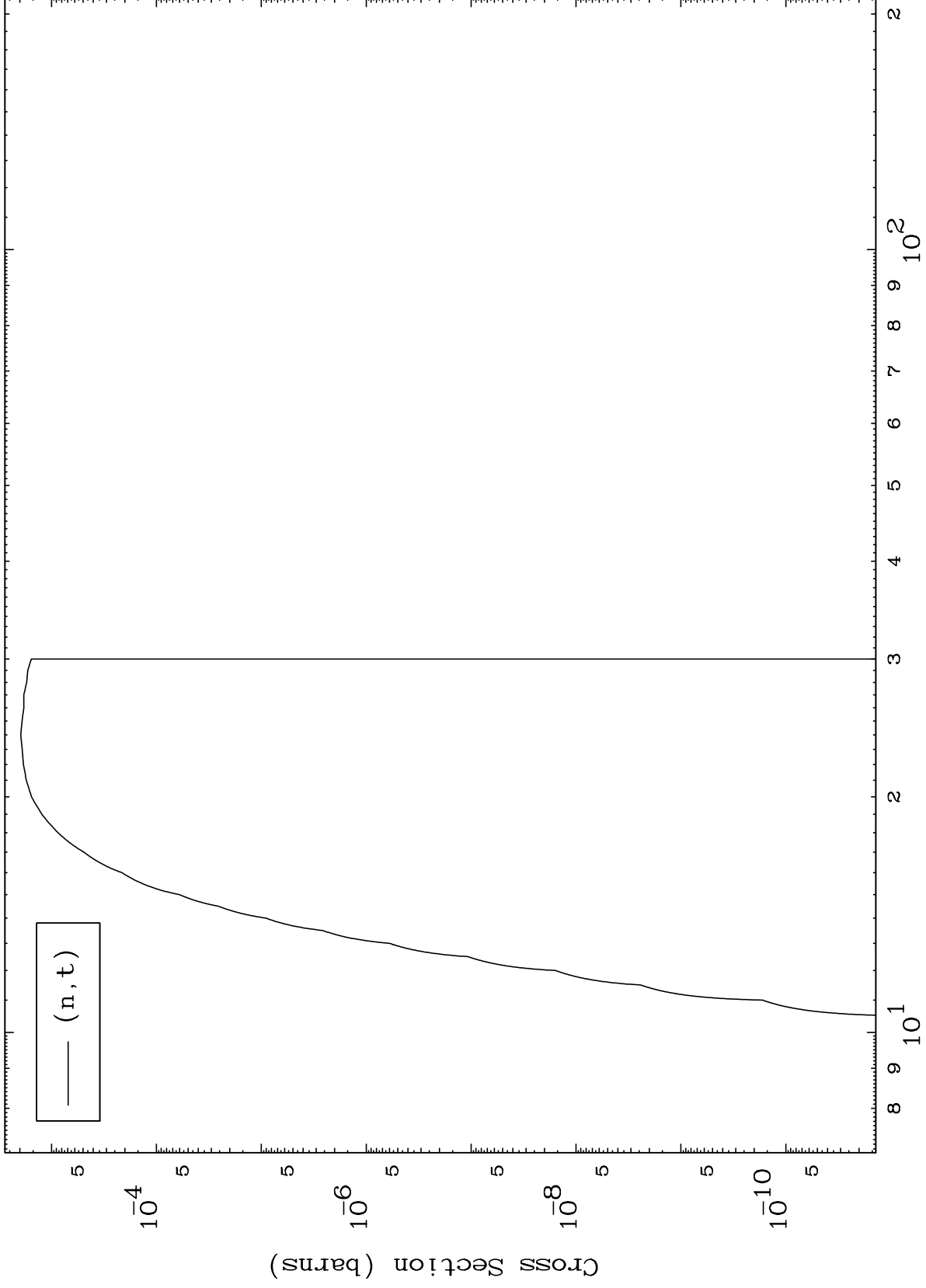
Incident Energy (MeV)

54-Xe-138

MAT 5467

(n,t) Levels  
293 Kelvin Cross Sections

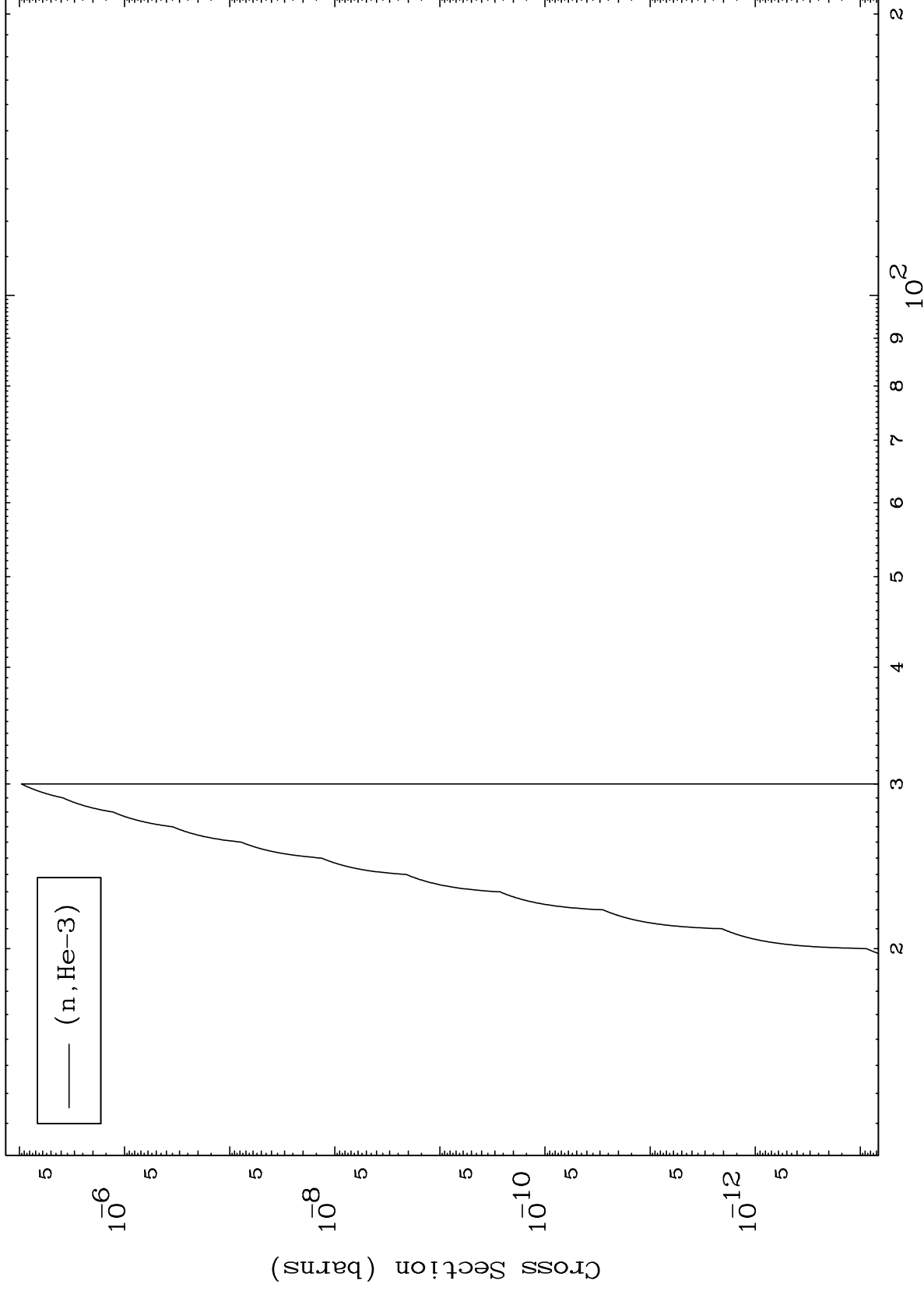
54-Xe-138



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Incident Energy (MeV)

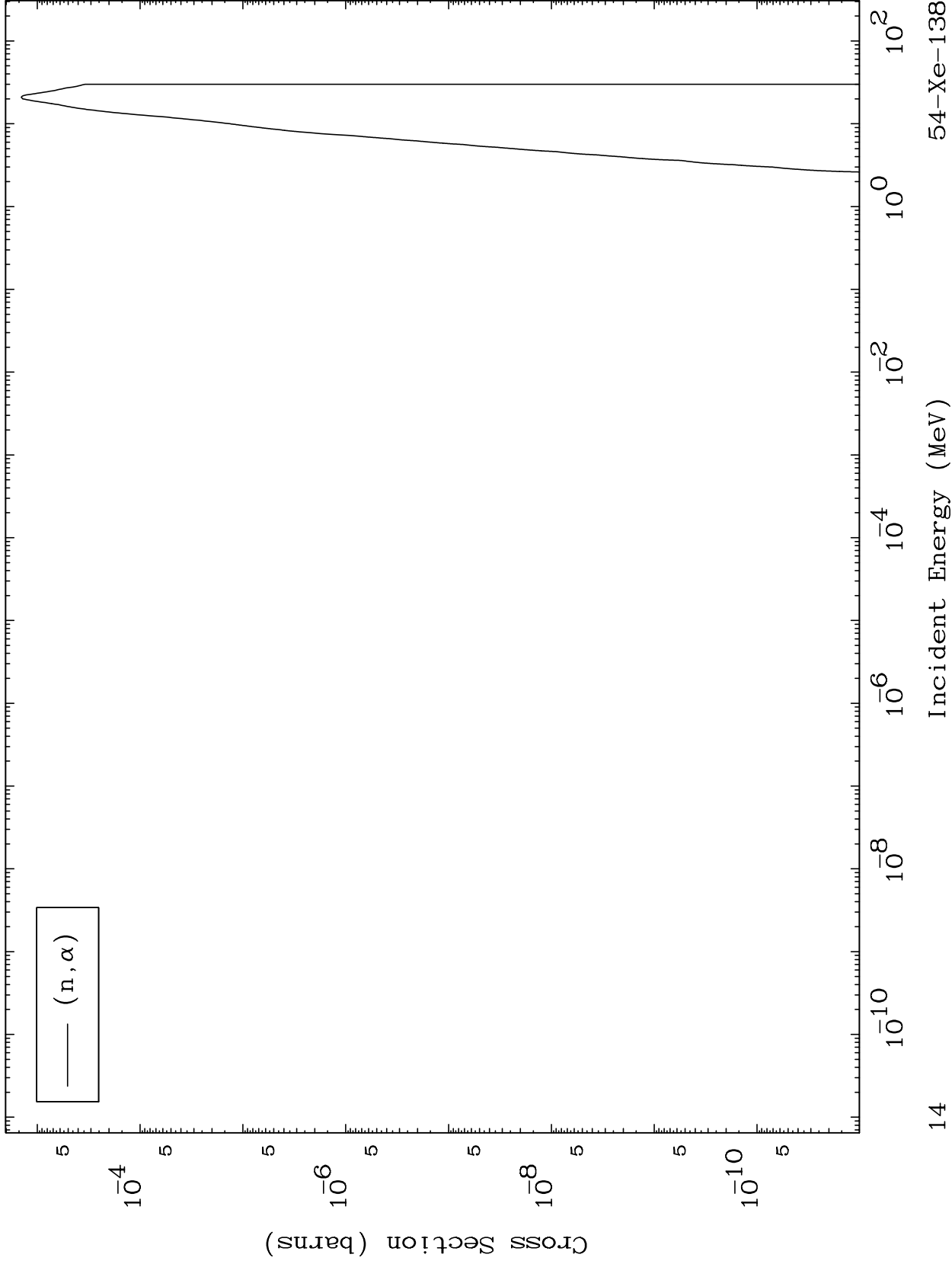
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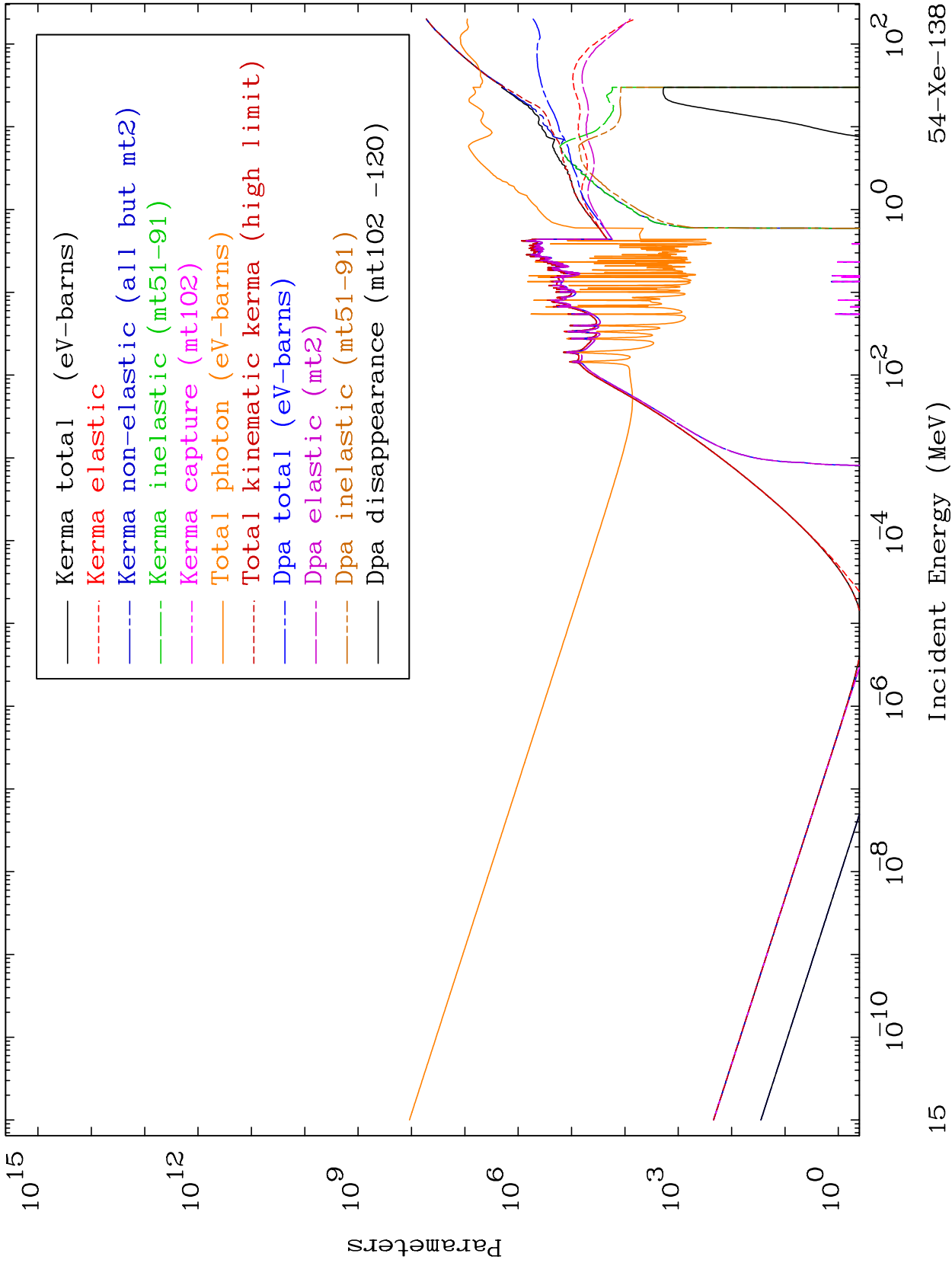


MAT 5467

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

54-Xe-138



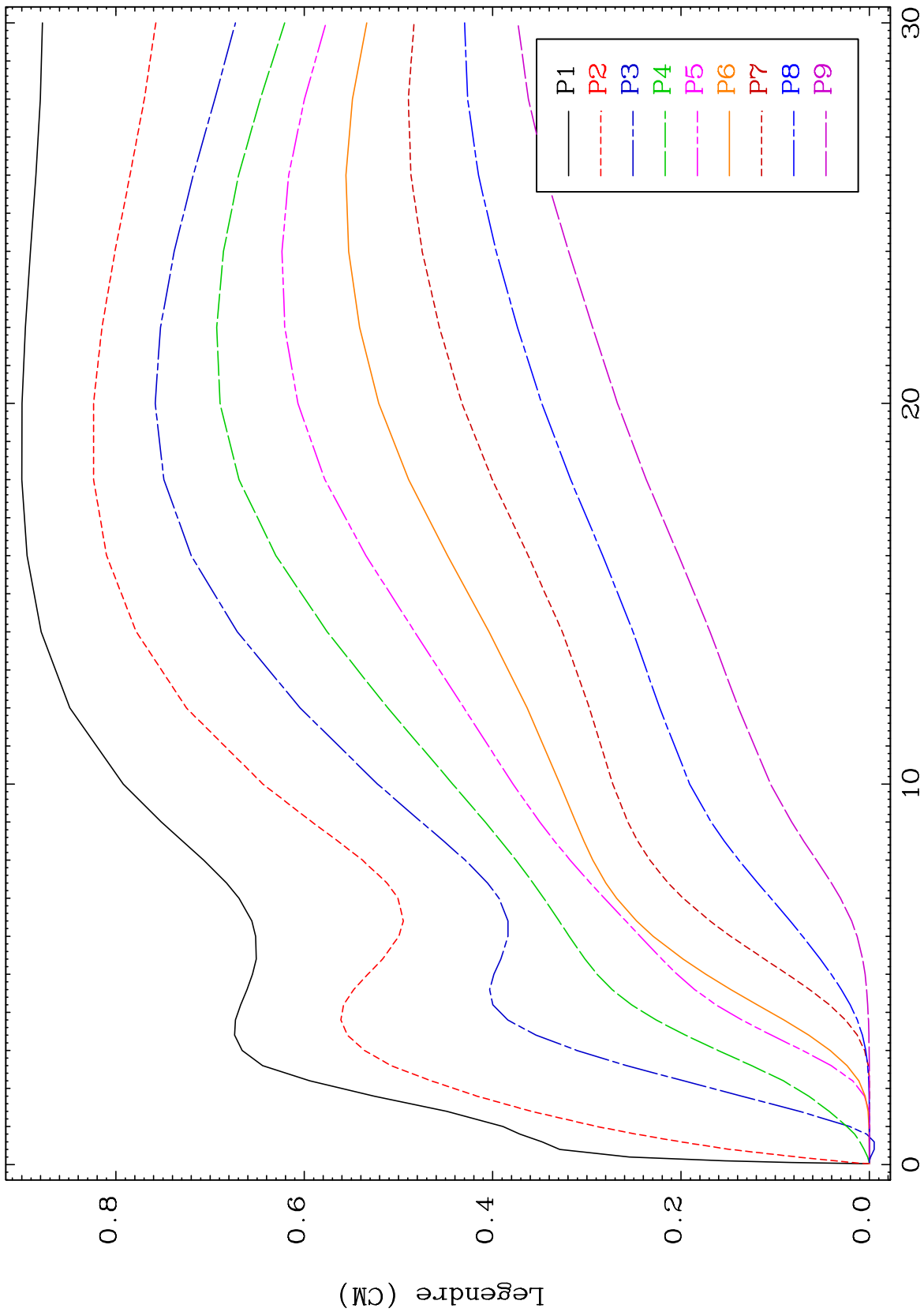




MAT 5467

Elastic Legendre Coefficients

54-Xe-138



16

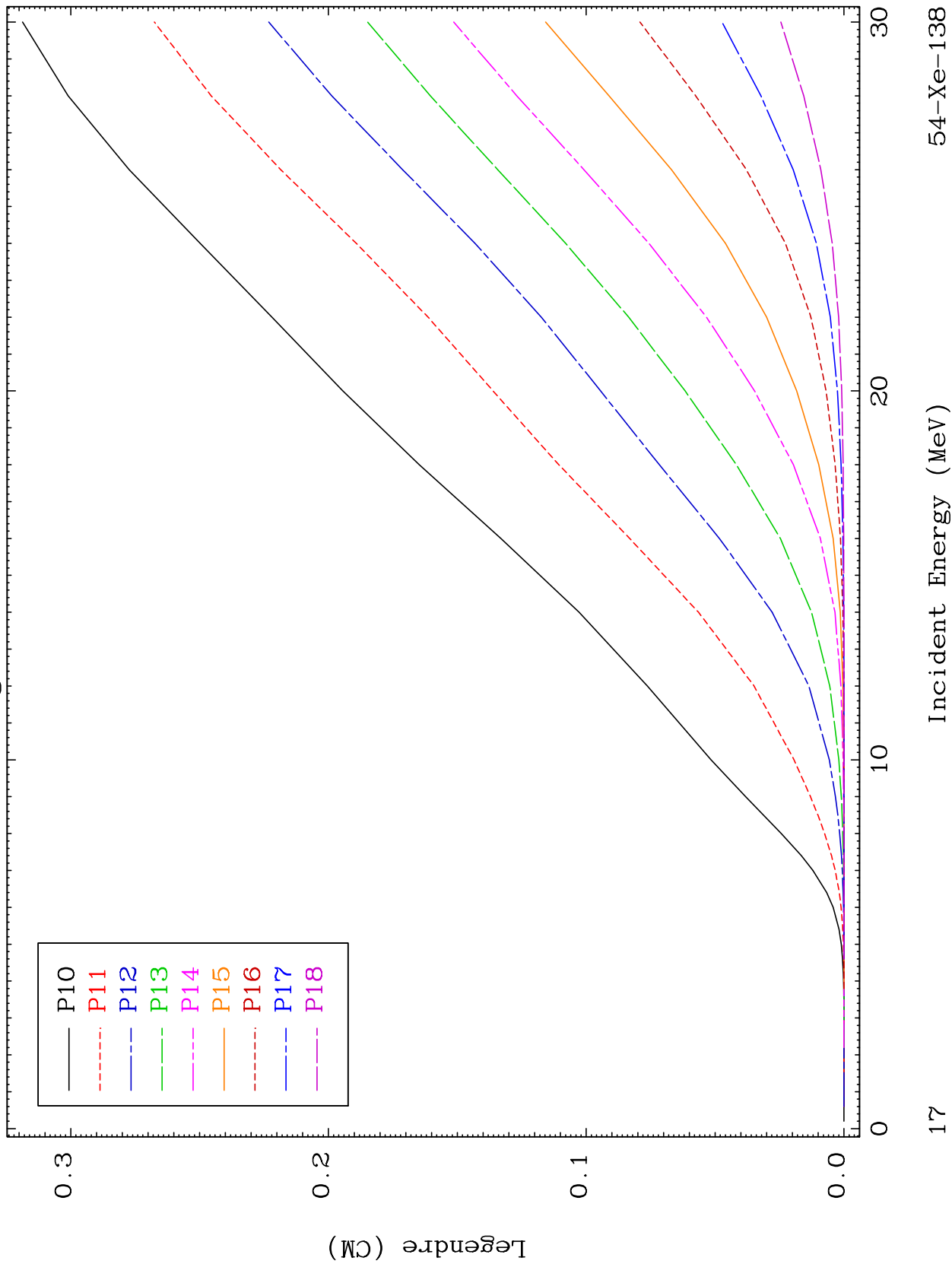
Incident Energy (MeV)

54-Xe-138

MAT 5467

Elastic Legendre Coefficients

54-Xe-138



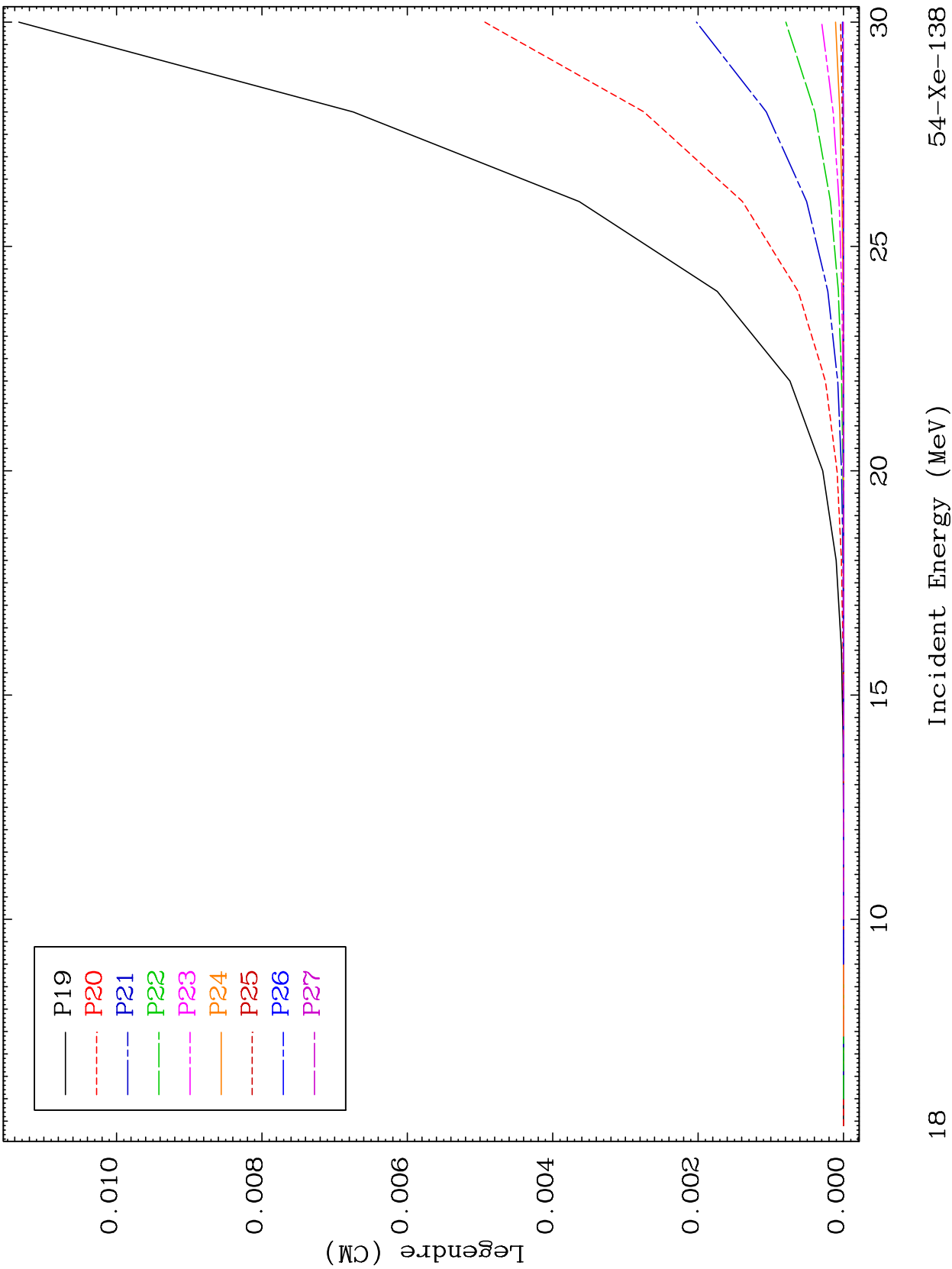
17

54-Xe-138

MAT 5467

### Elastic Legendre Coefficients

54-Xe-138



18

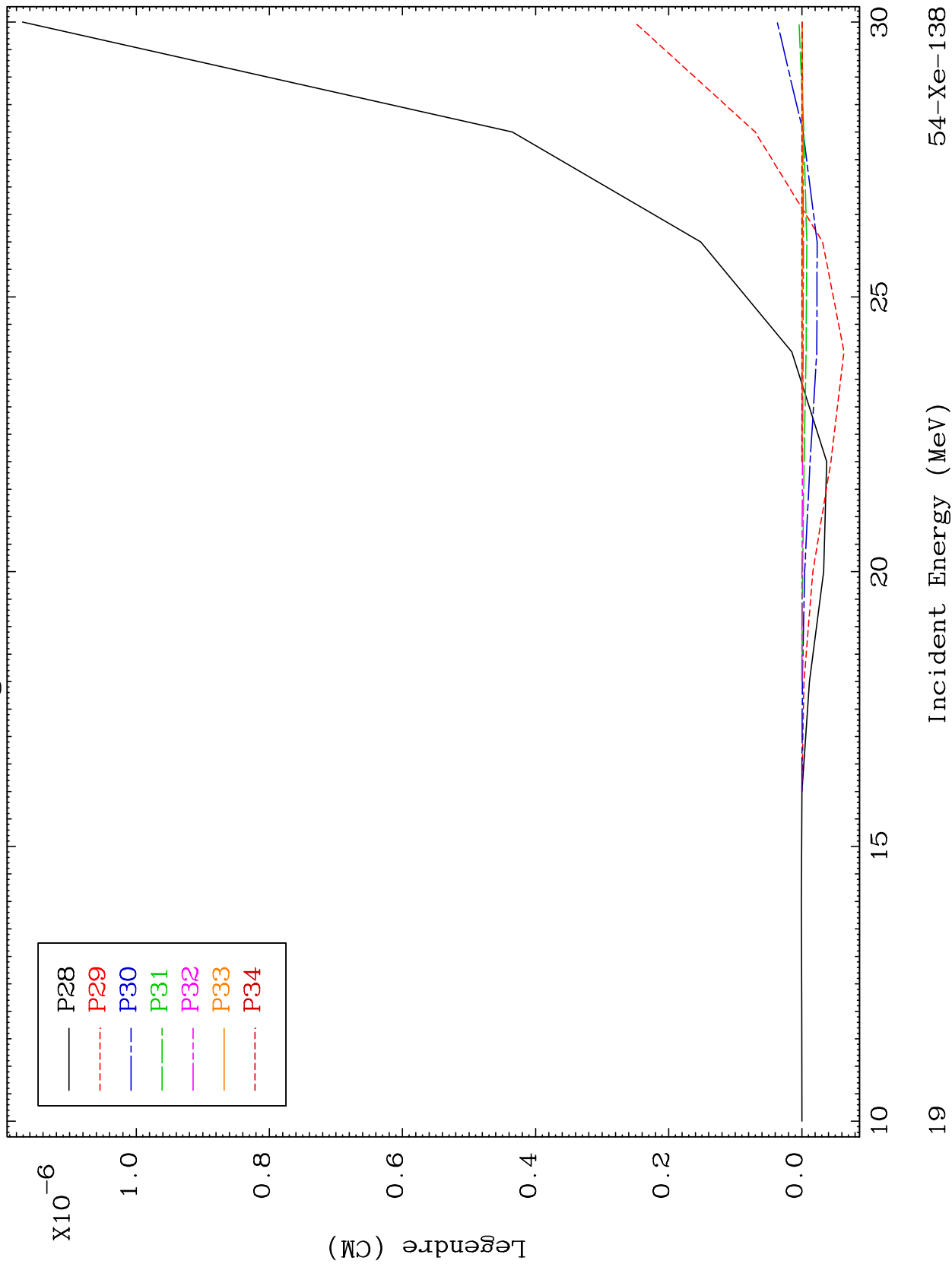
Incident Energy (MeV)

54-Xe-138

MAT 5467

Elastic Legendre Coefficients

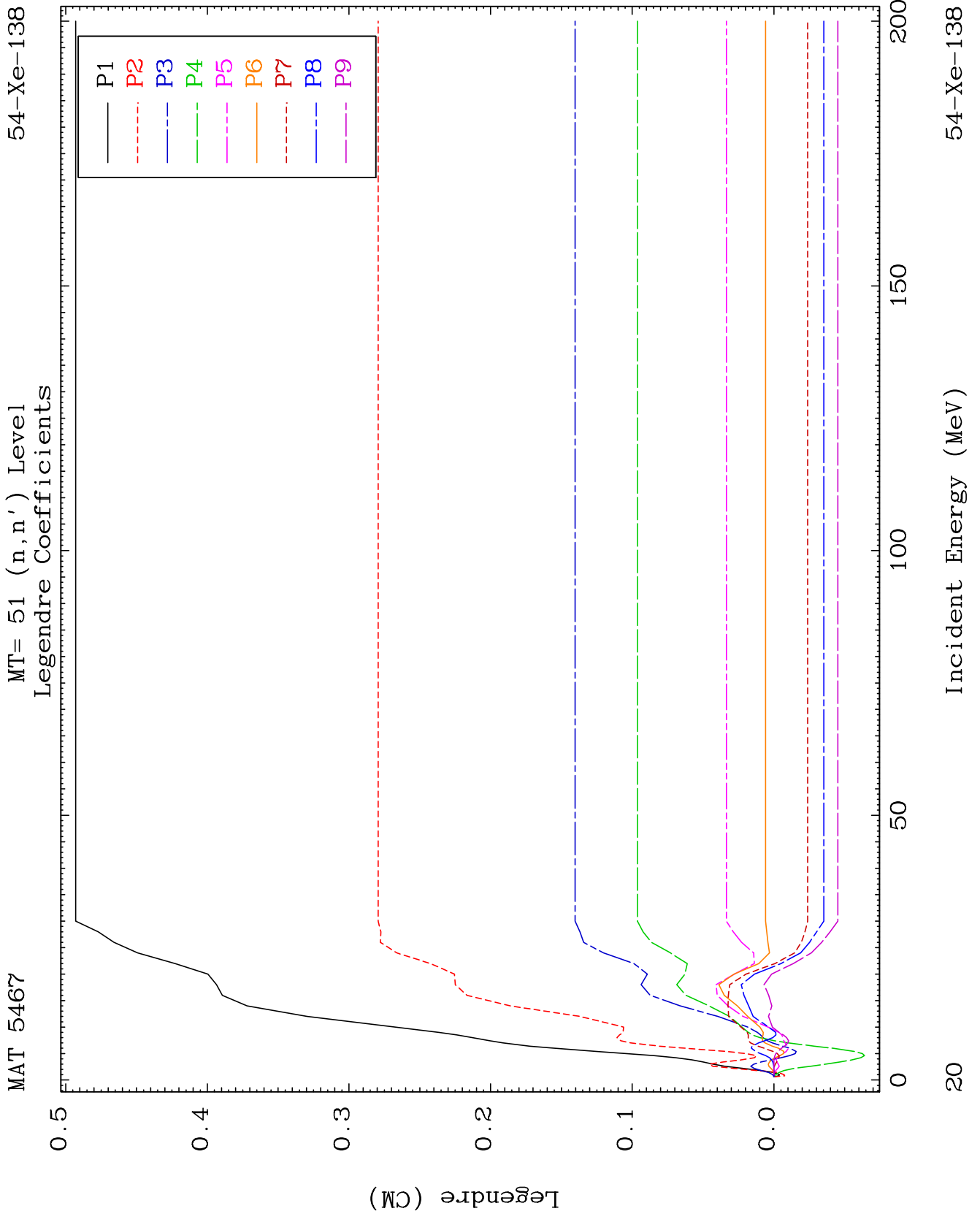
54-Xe-138



19

Incident Energy (MeV)

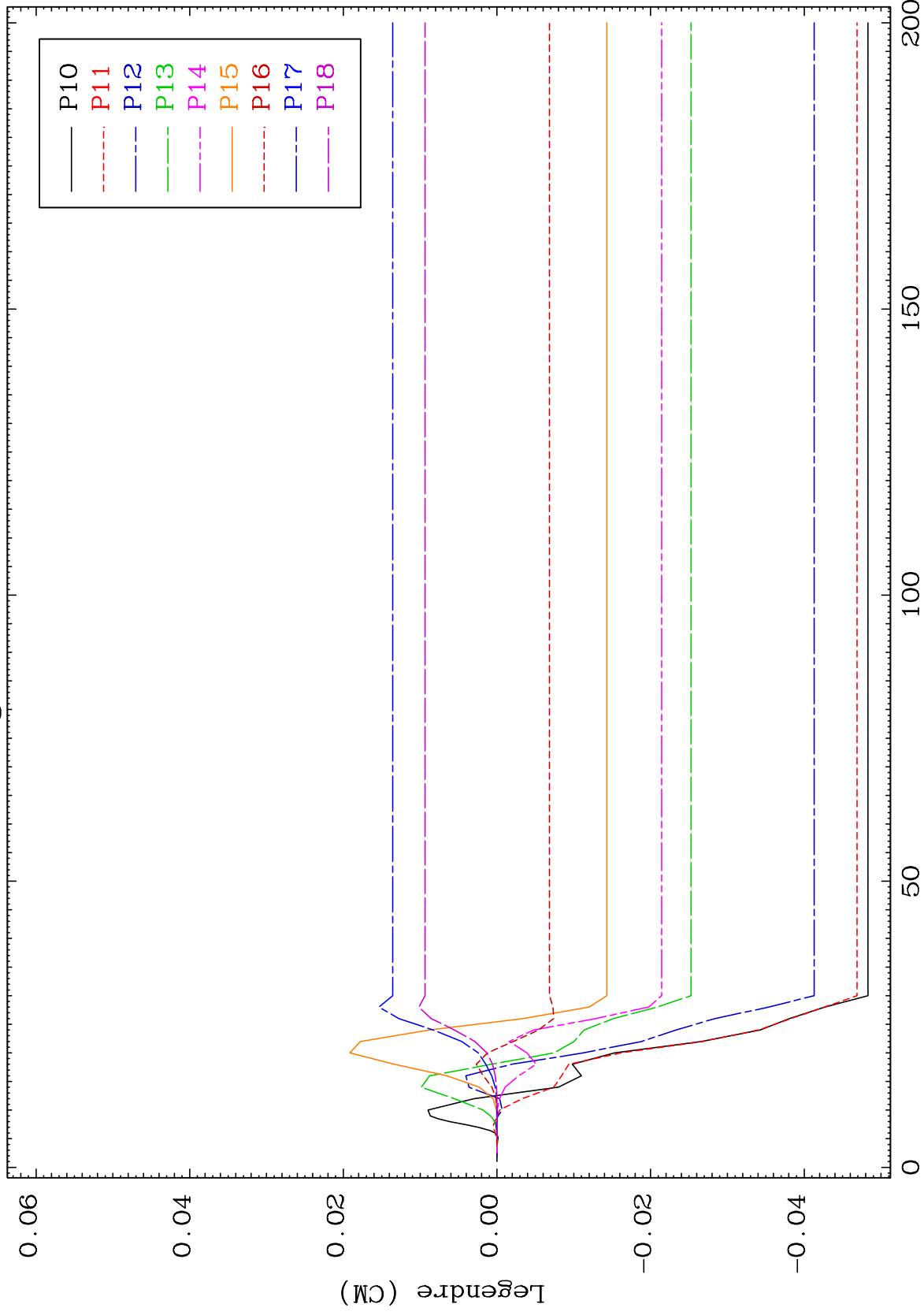
54-Xe-138



MAT 5467

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

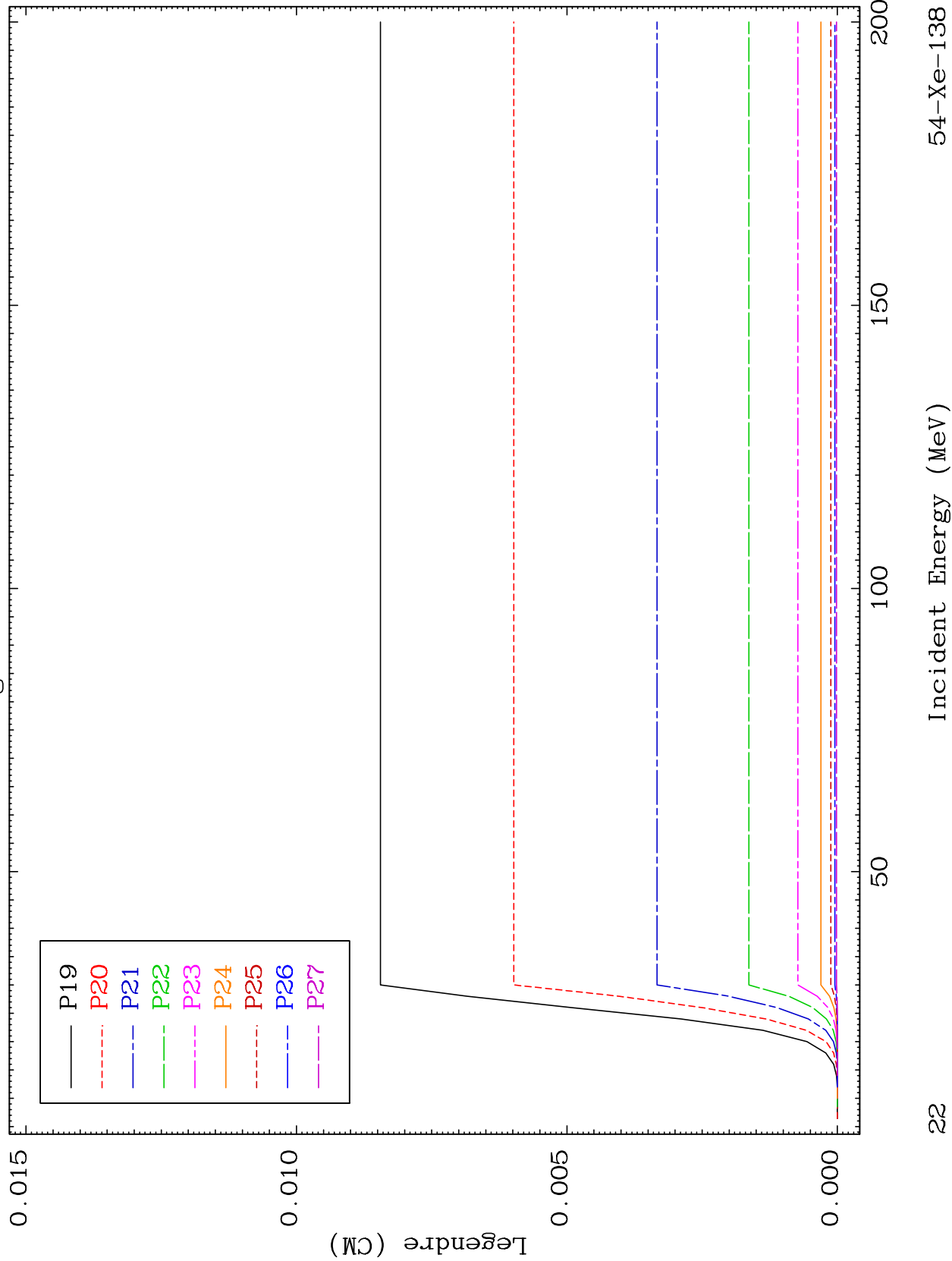
54-Xe-138



21

Incident Energy (MeV)

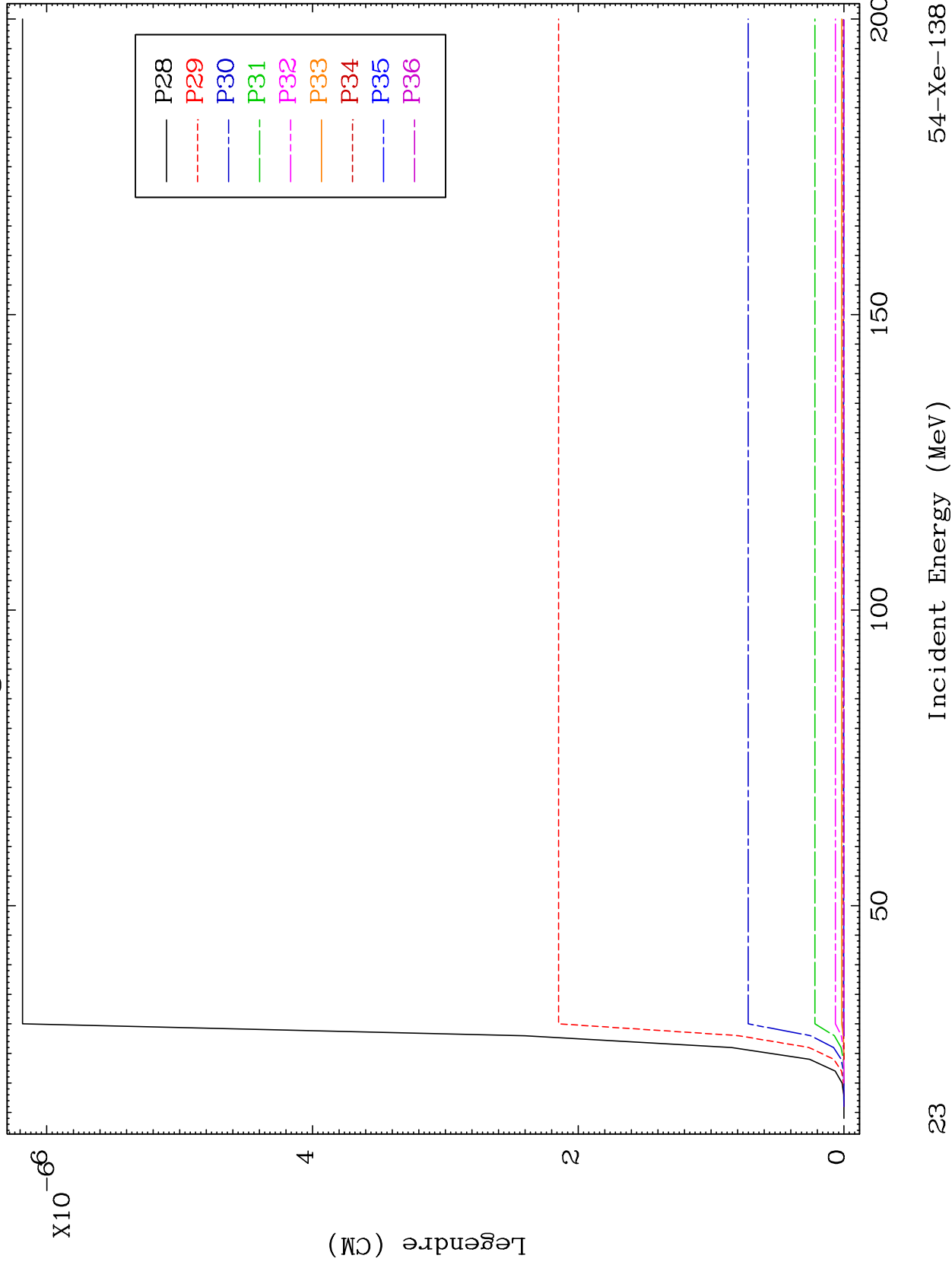
54-Xe-138



MAT 5467

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

54-Xe-138



23

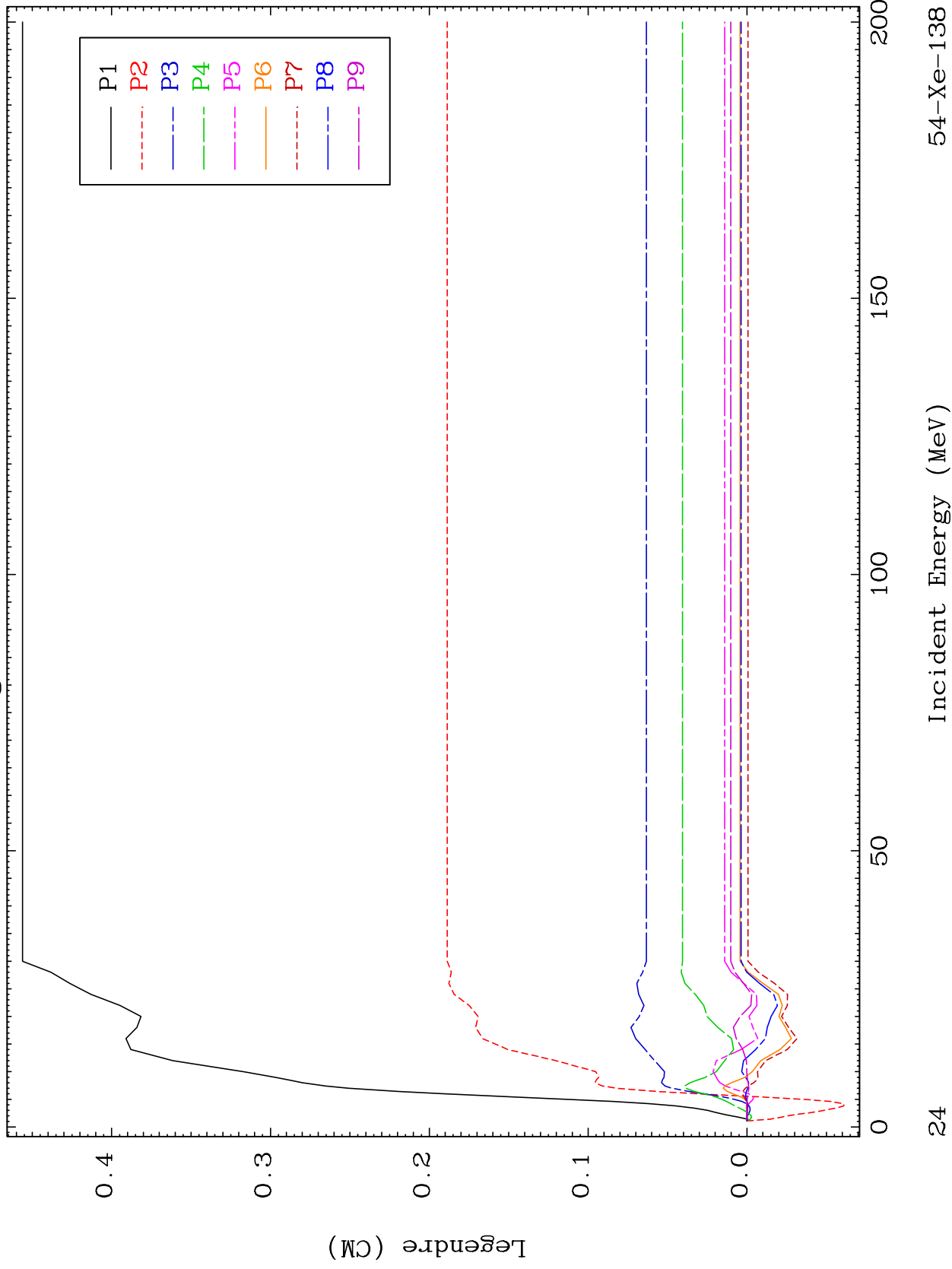
54-Xe-138



MAT 5467

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

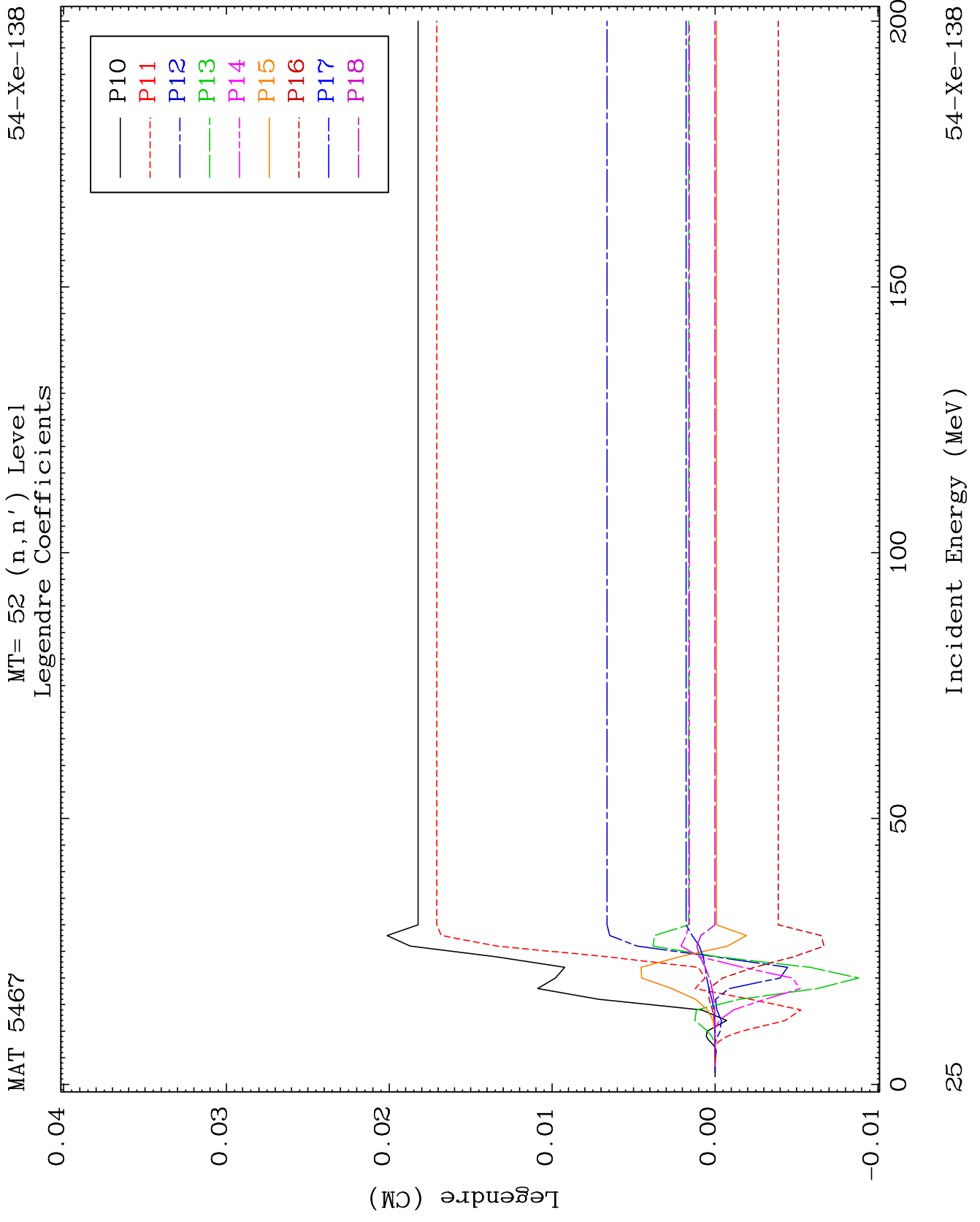
54-Xe-138

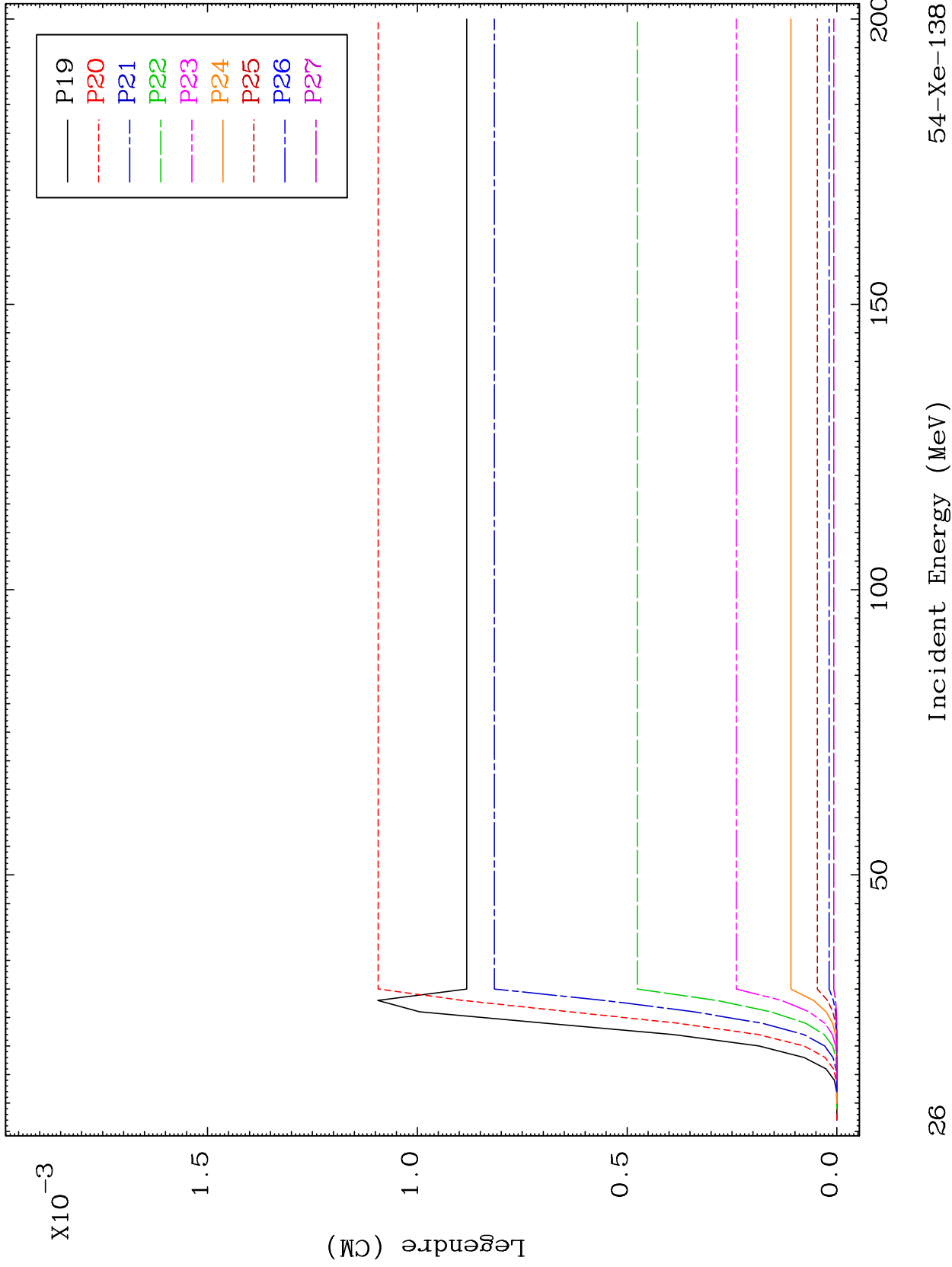


54-Xe-138

Incident Energy (MeV)

24

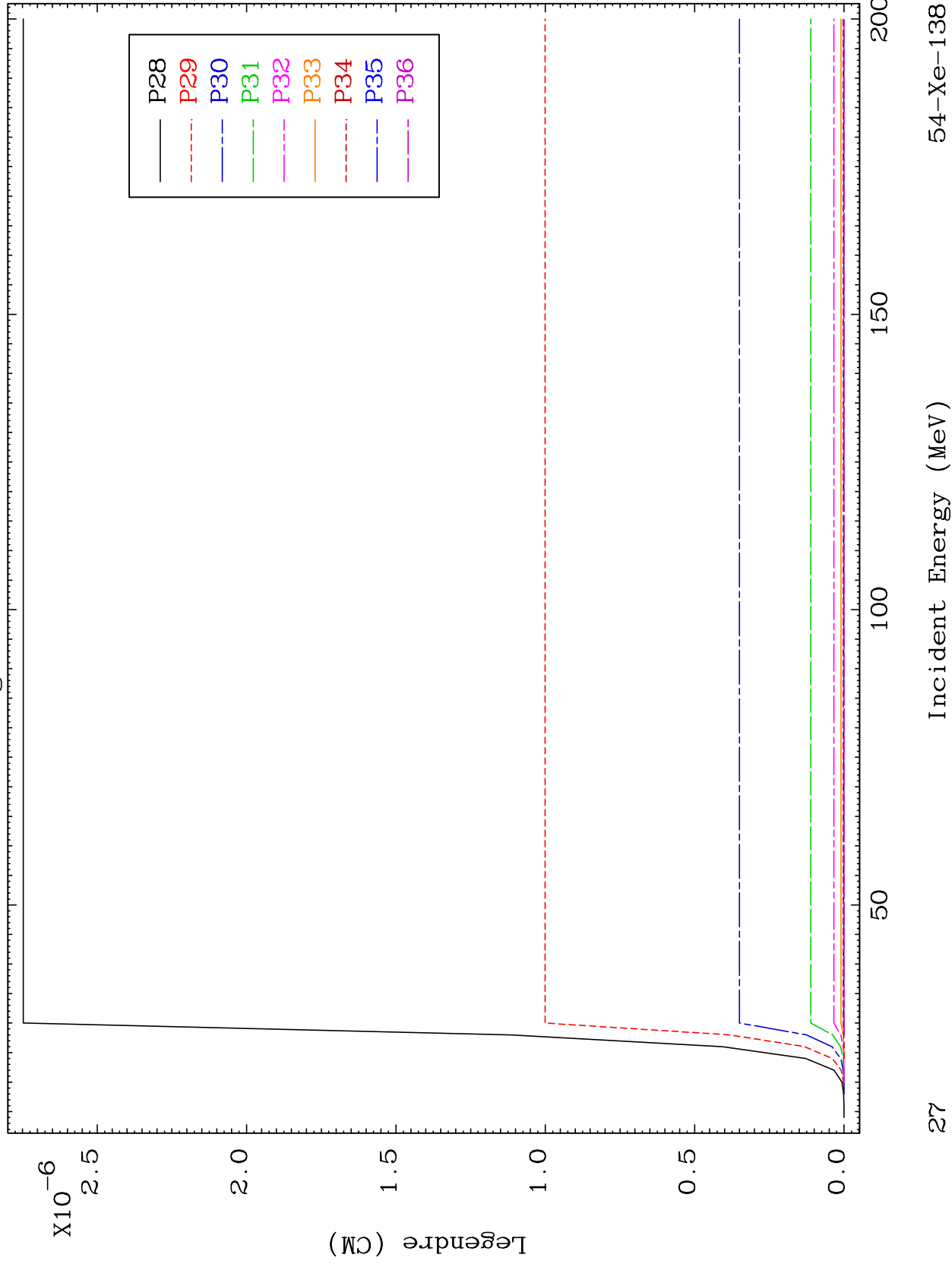




MAT 5467

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

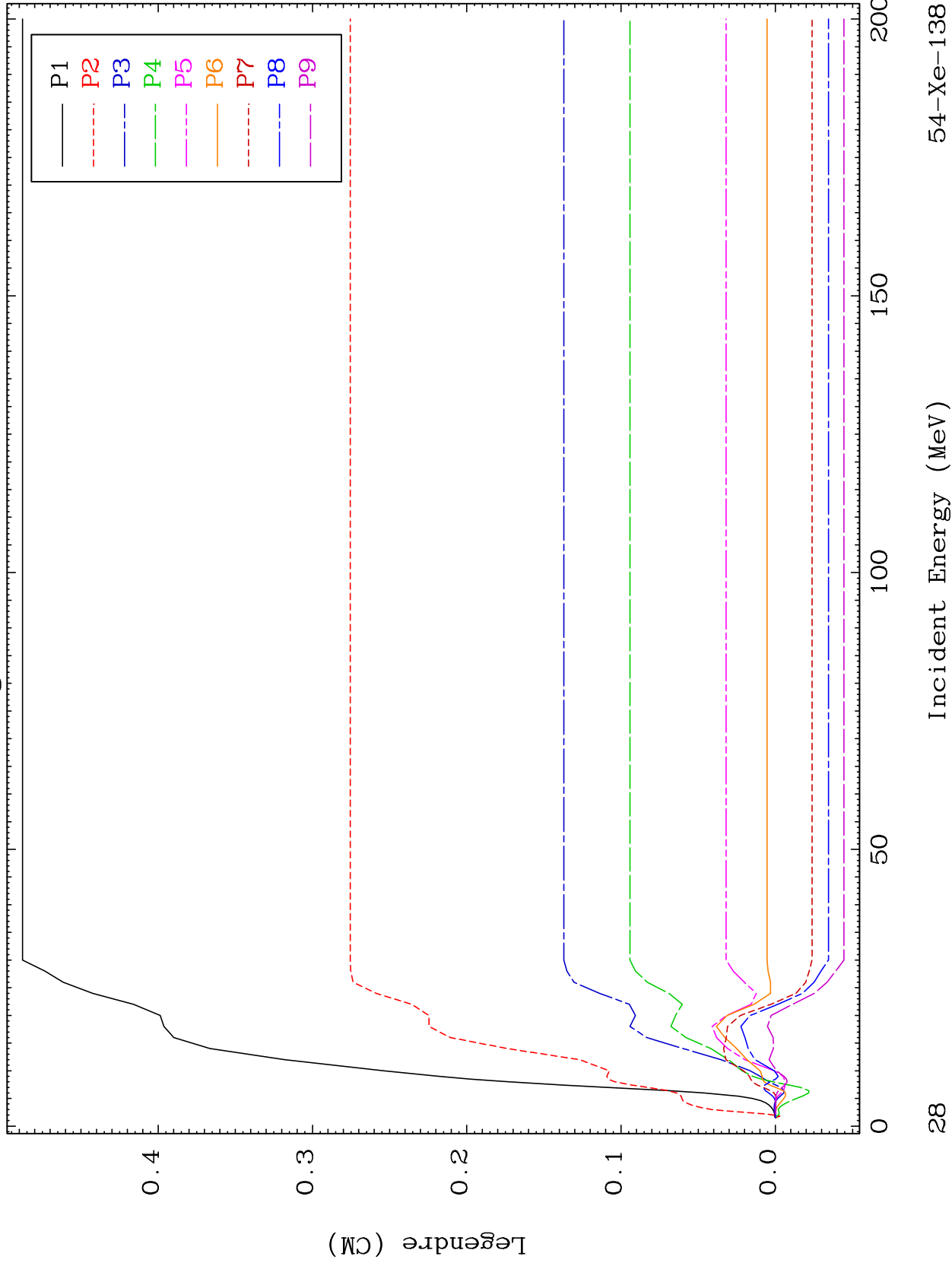
54-Xe-138



MAT 5467

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

54-Xe-138



54-Xe-138

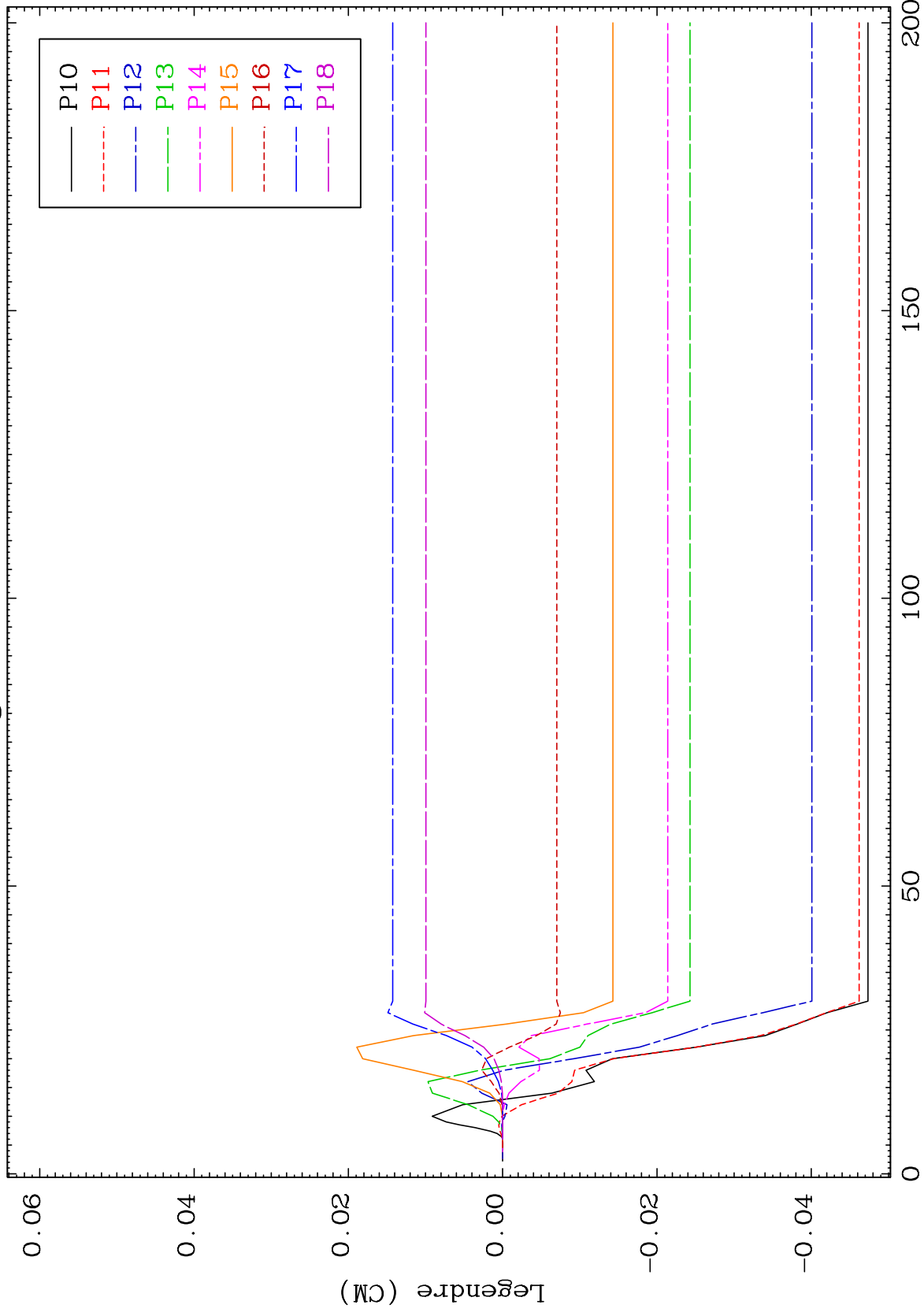
Incident Energy (MeV)

28

MAT 5467

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

54-Xe-138



29

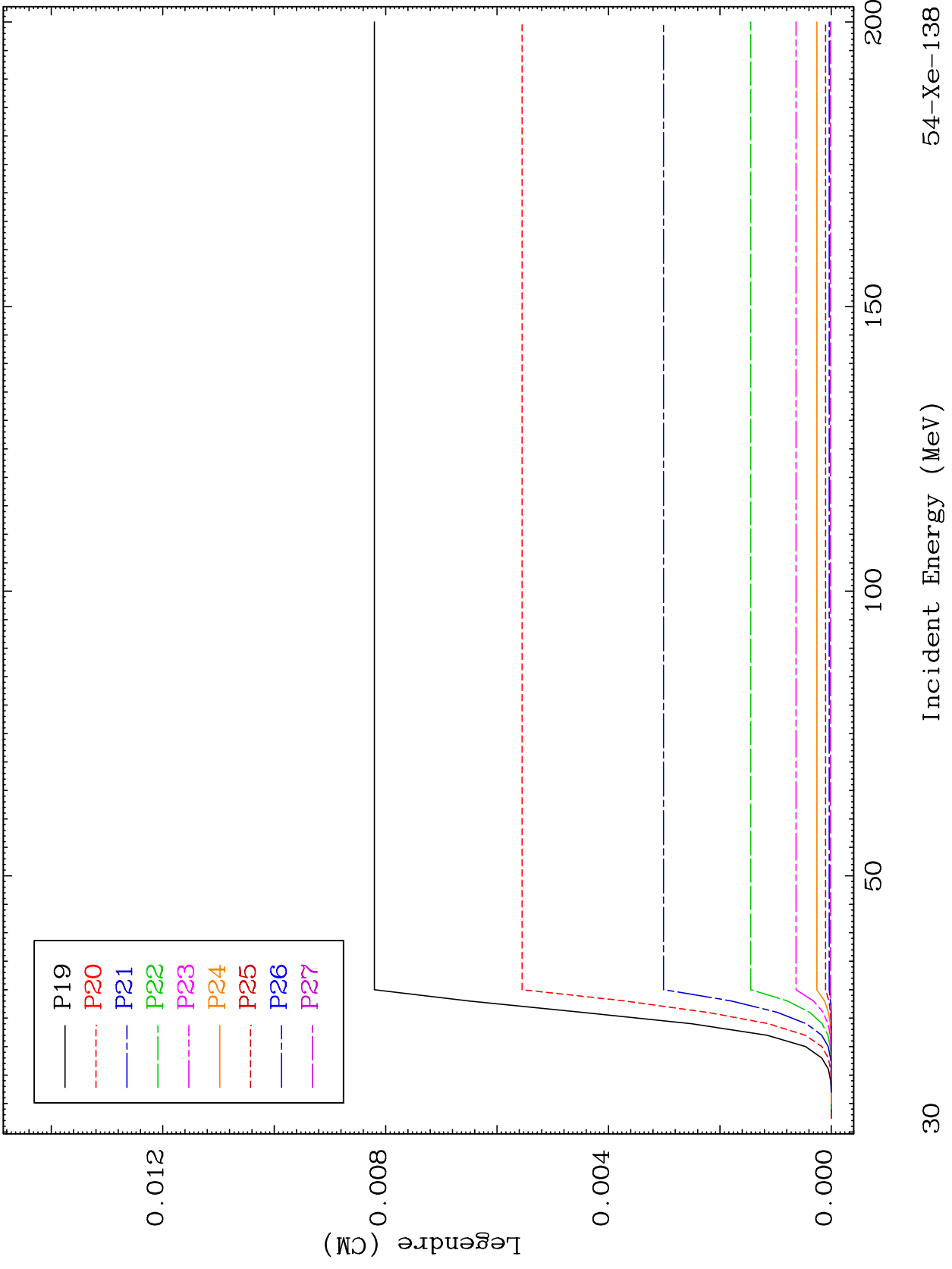
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



30

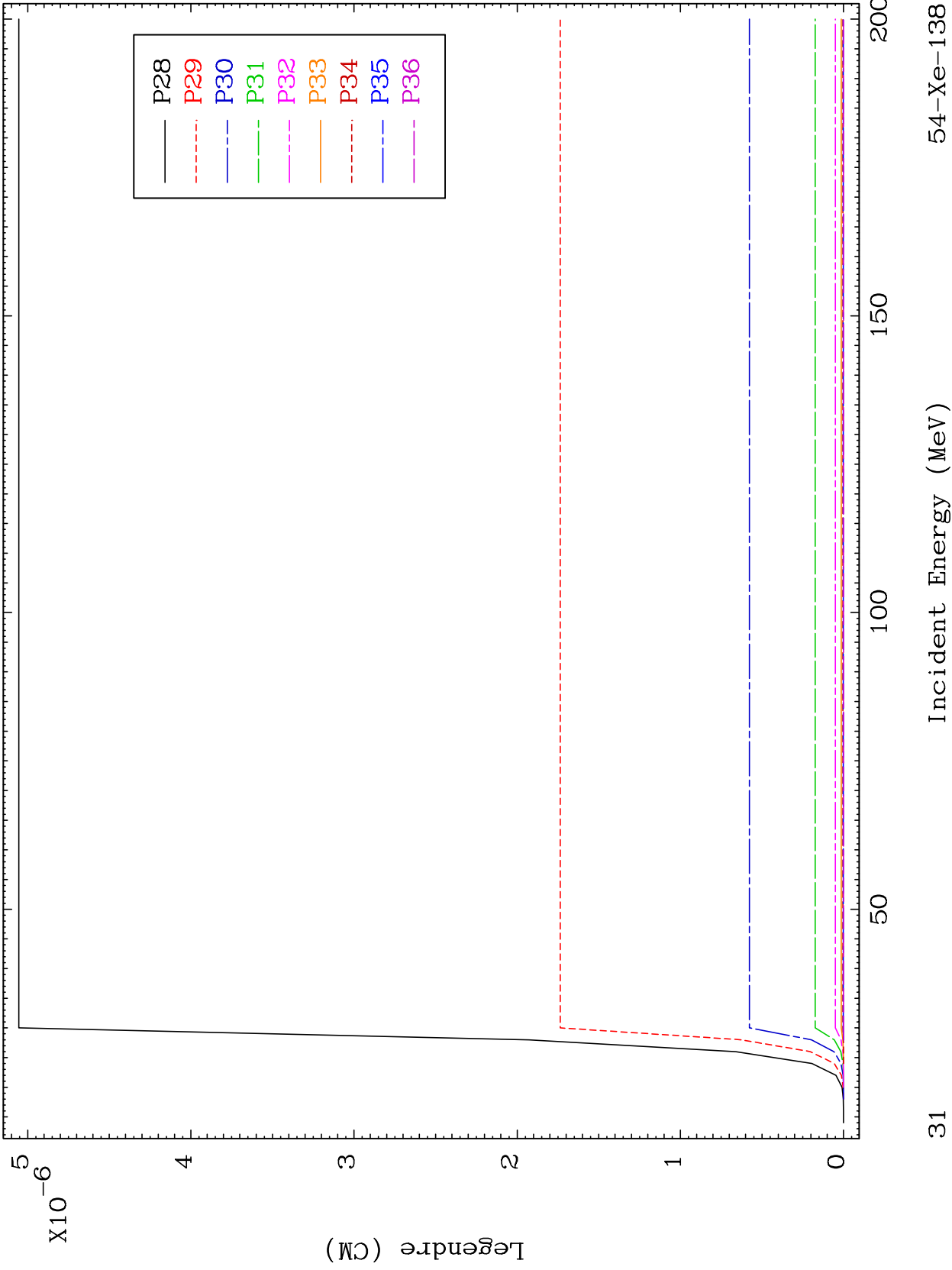
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



31

Incident Energy (MeV)

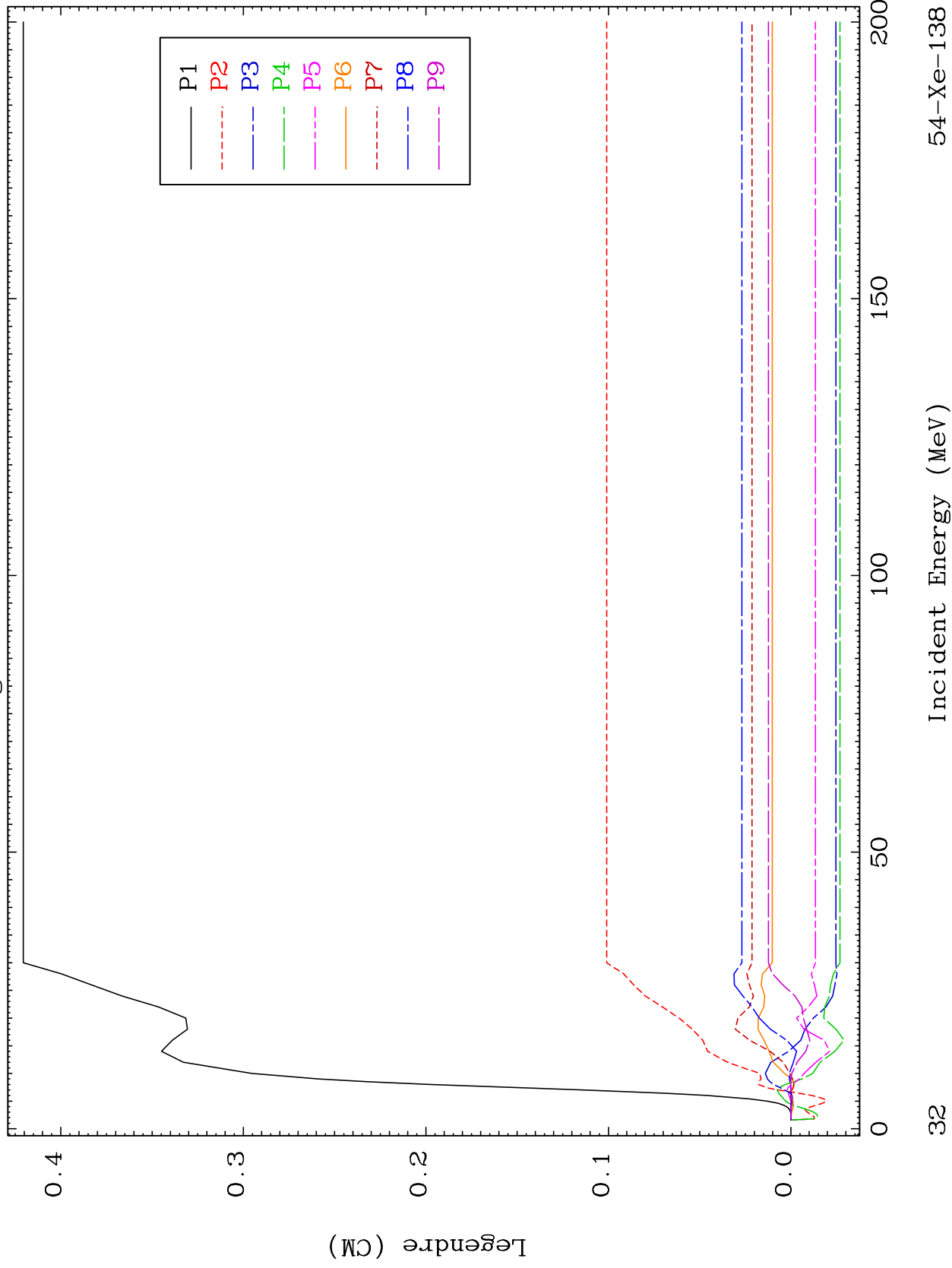
54-Xe-138



MAT 5467

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

54-Xe-138



54-Xe-138

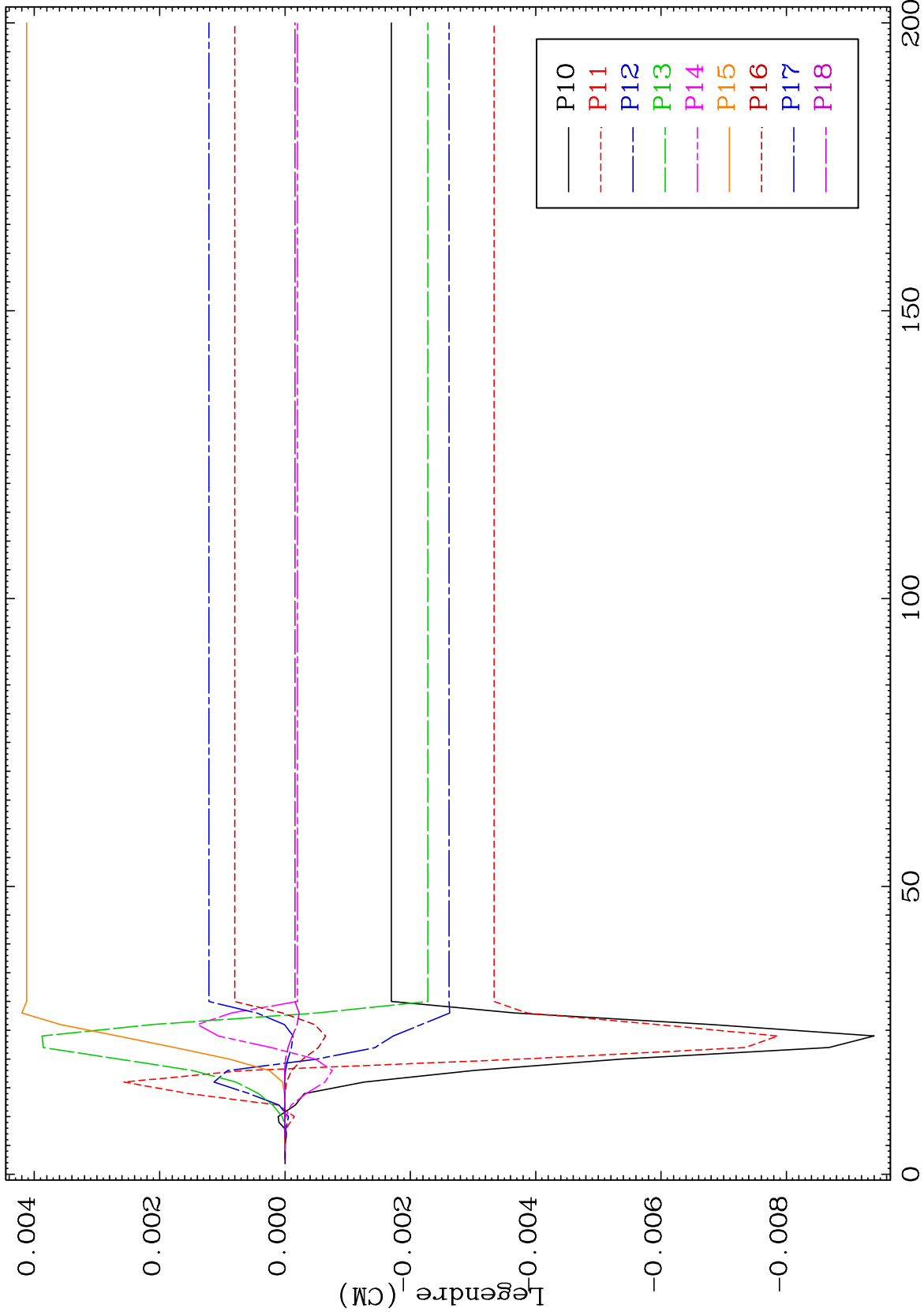
Incident Energy (MeV)

32

MAT 5467

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

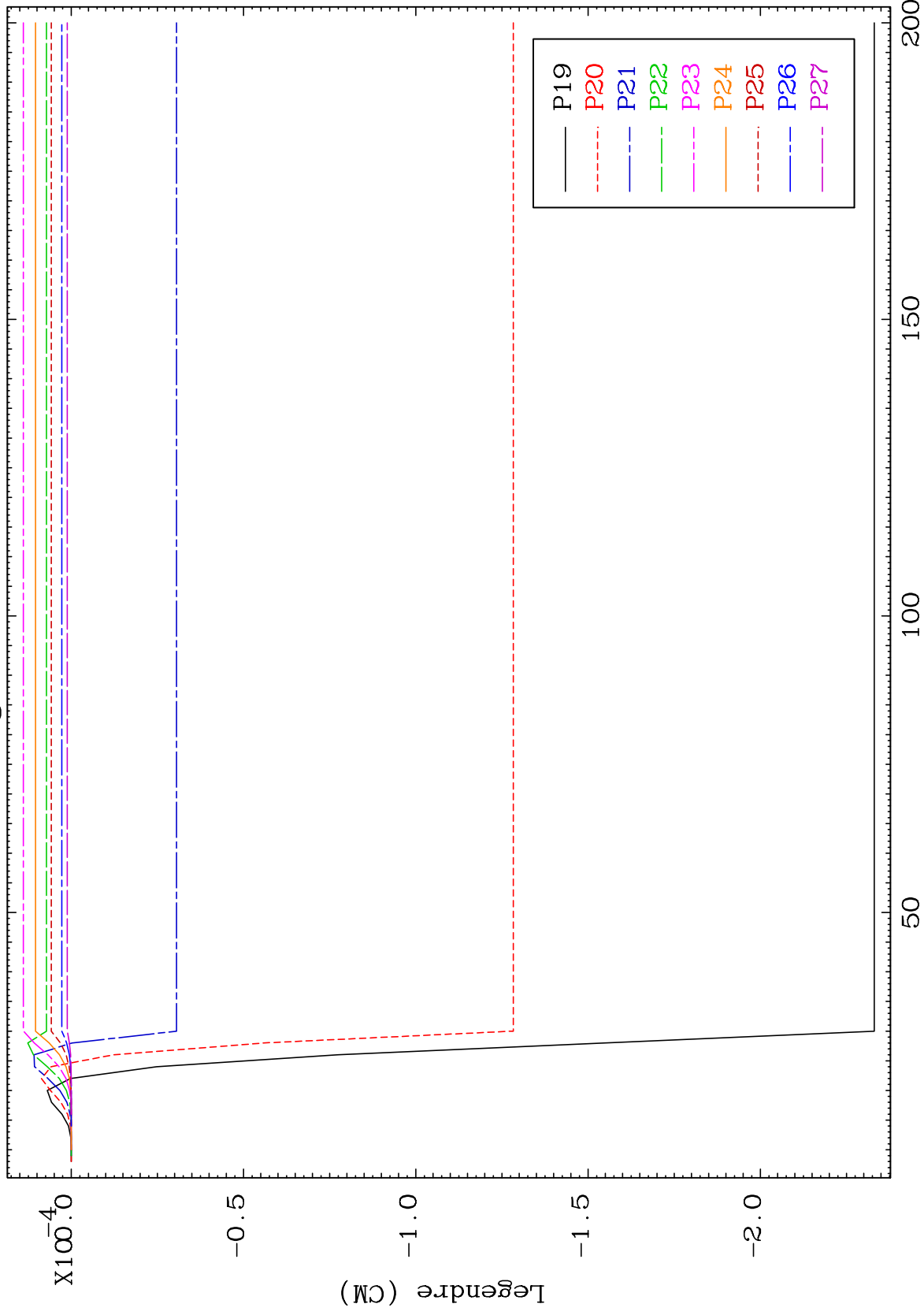
54-Xe-138



MAT 5467

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

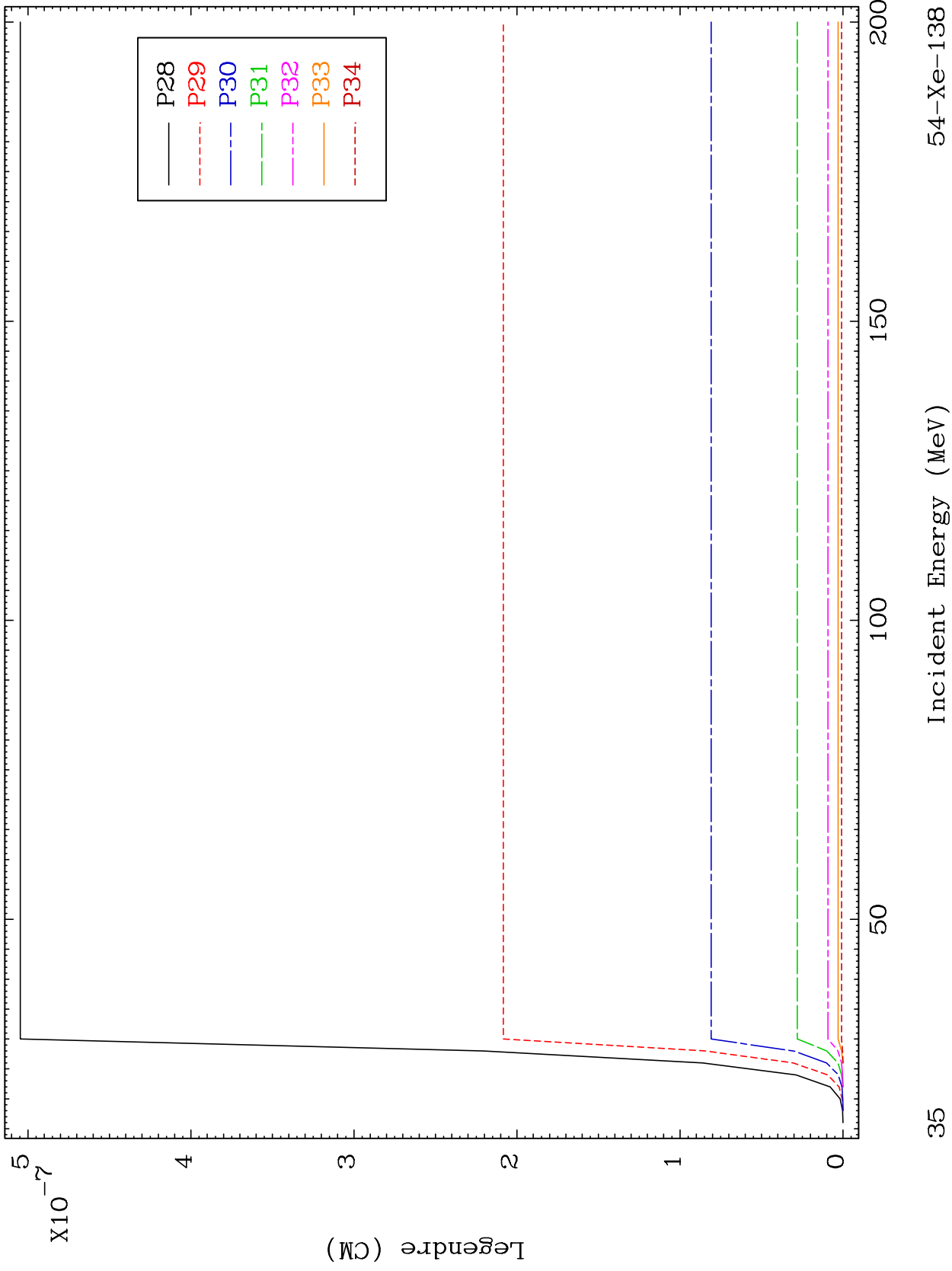
54-Xe-138



MAT 5467

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

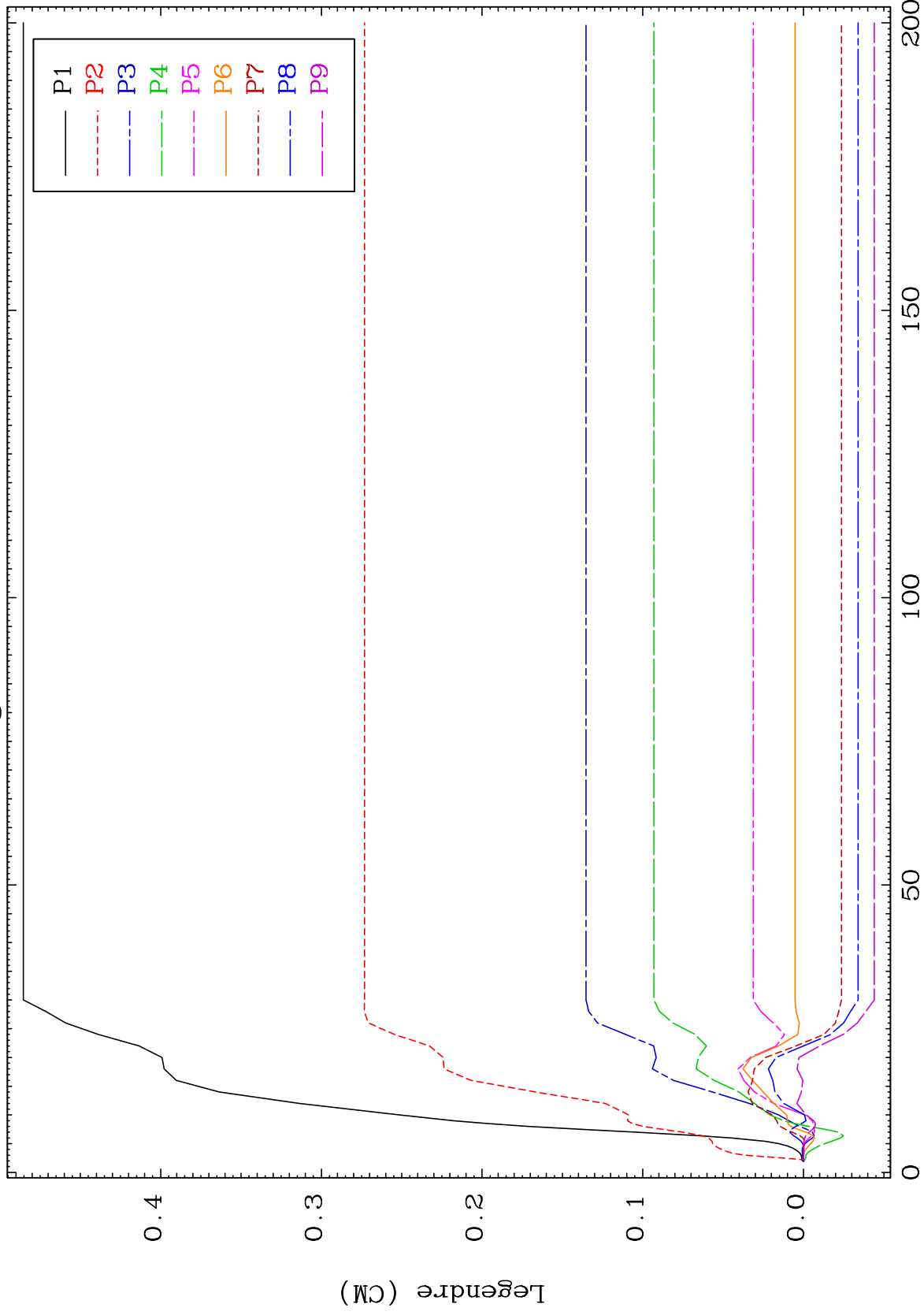
54-Xe-138



MAT 5467

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

54-Xe-138



54-Xe-138

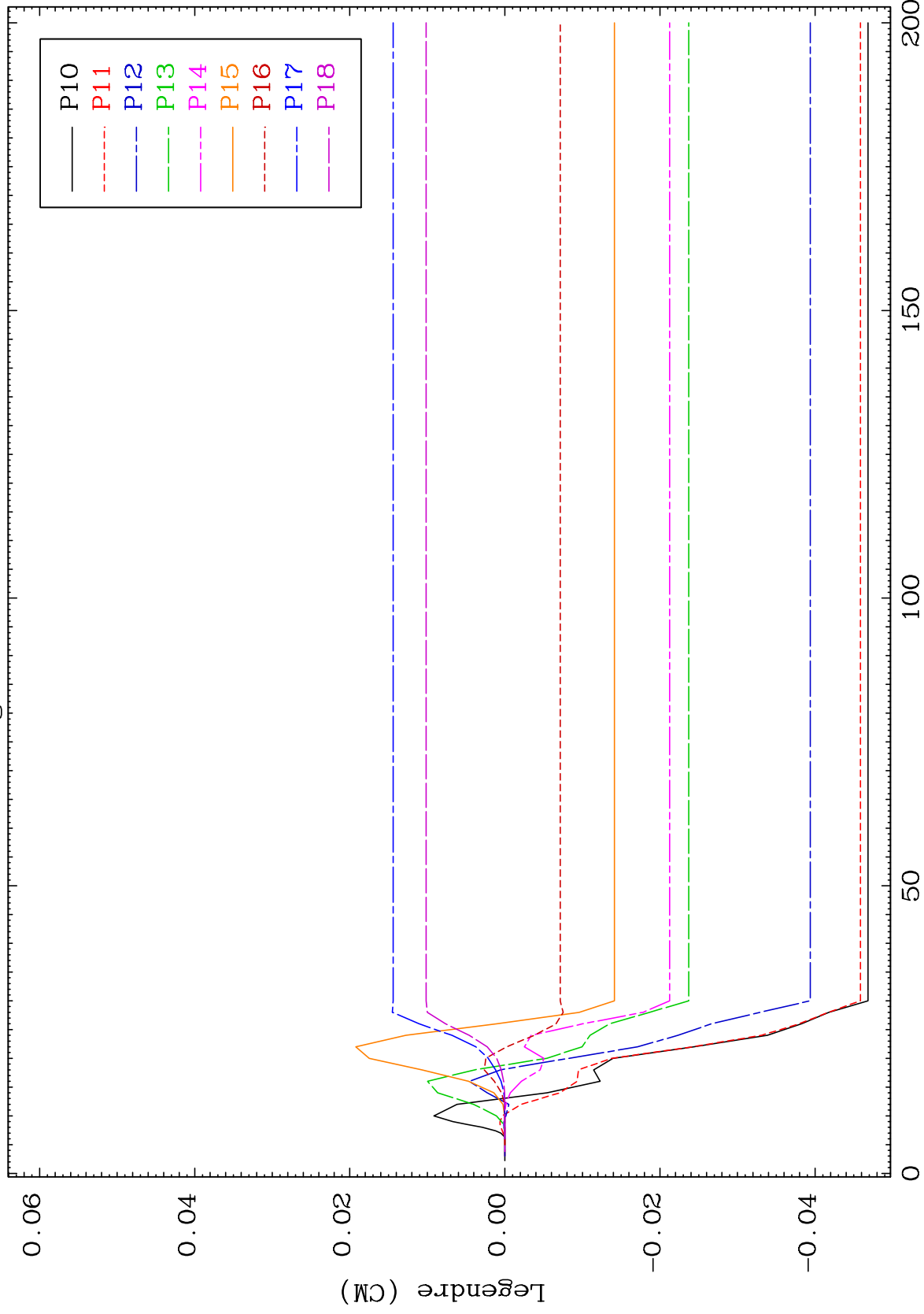
Incident Energy (MeV)

36

MAT 5467

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

54-Xe-138



37

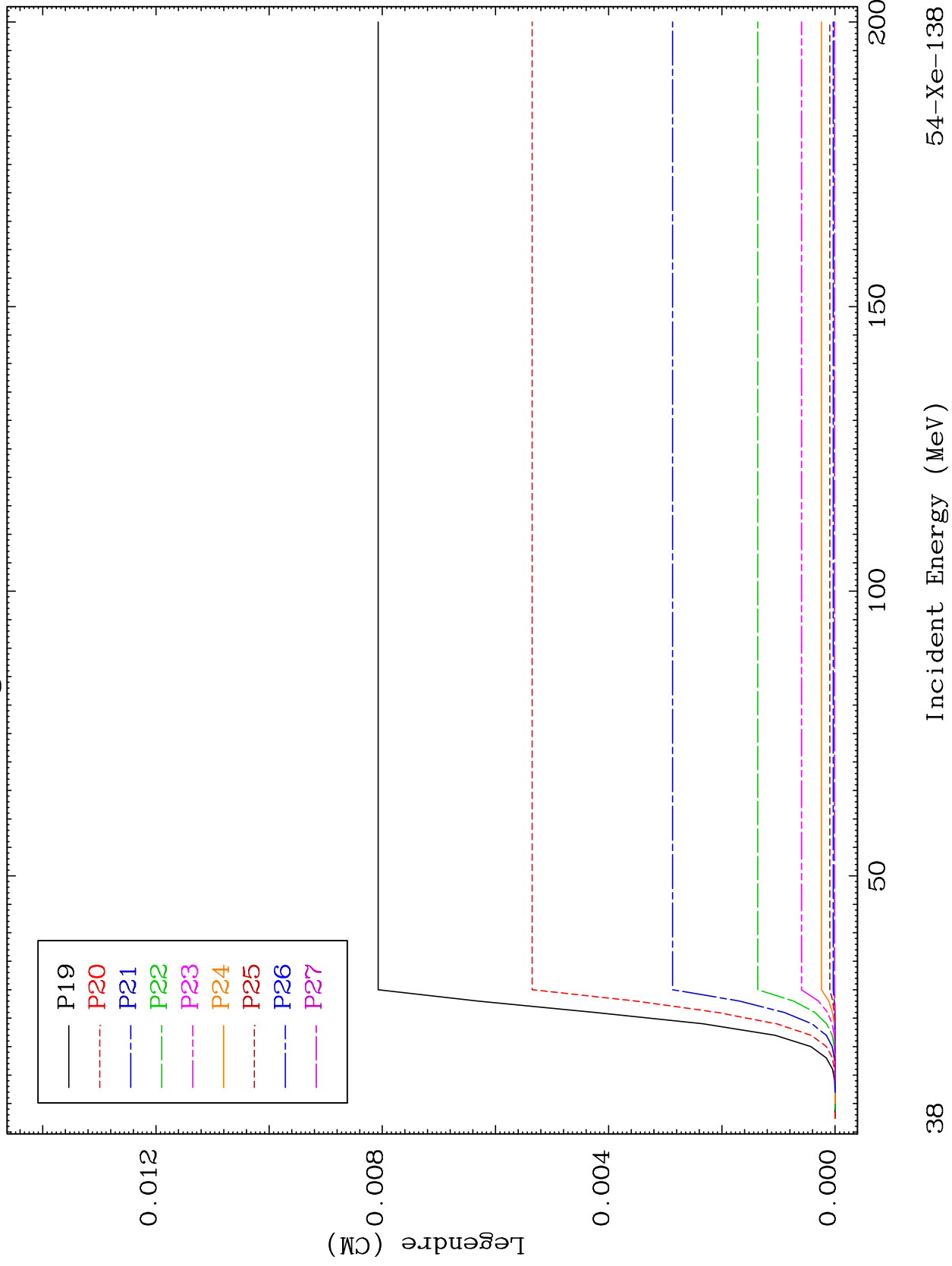
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



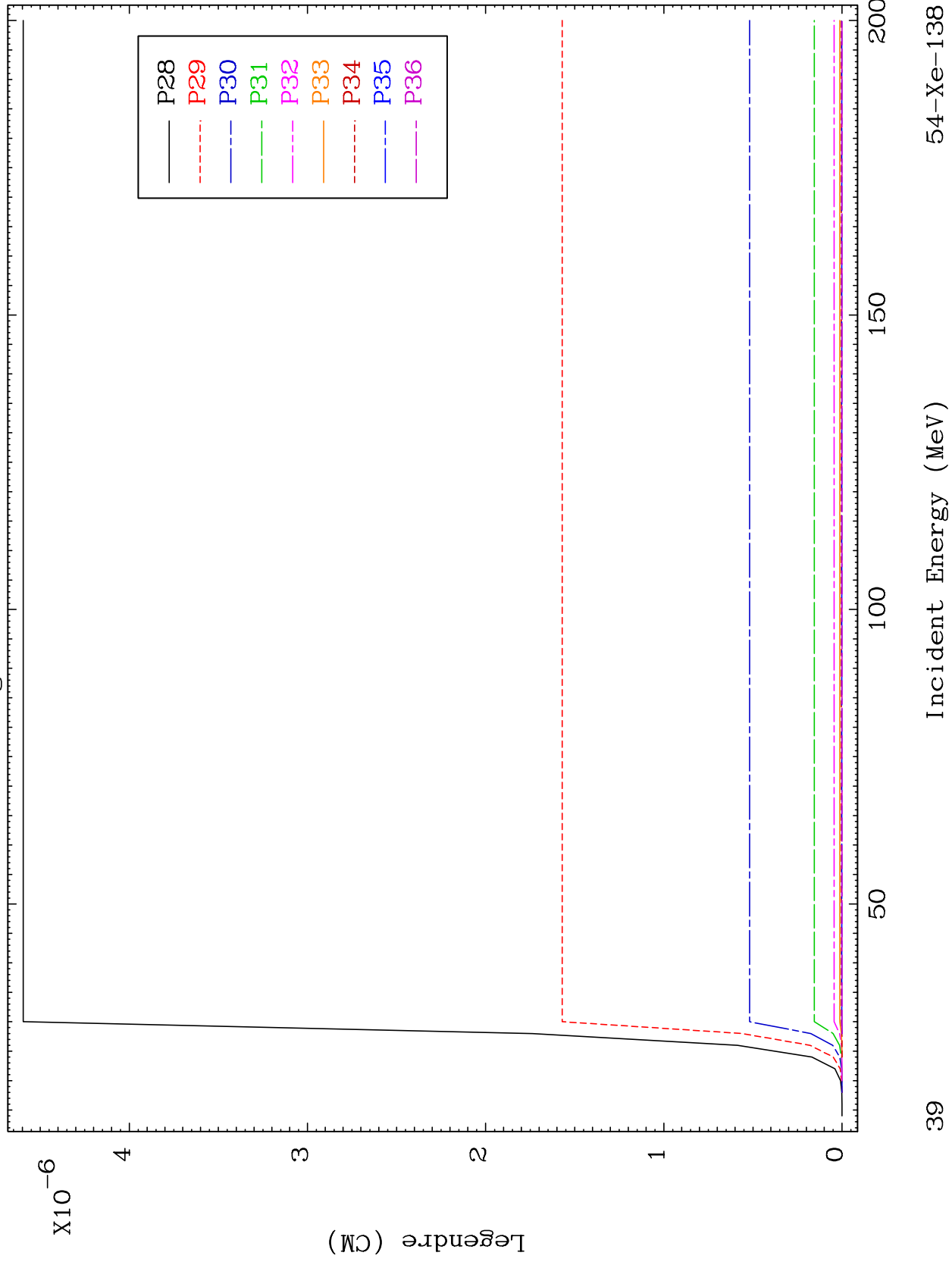
38

54-Xe-138

MAT 5467

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

54-Xe-138



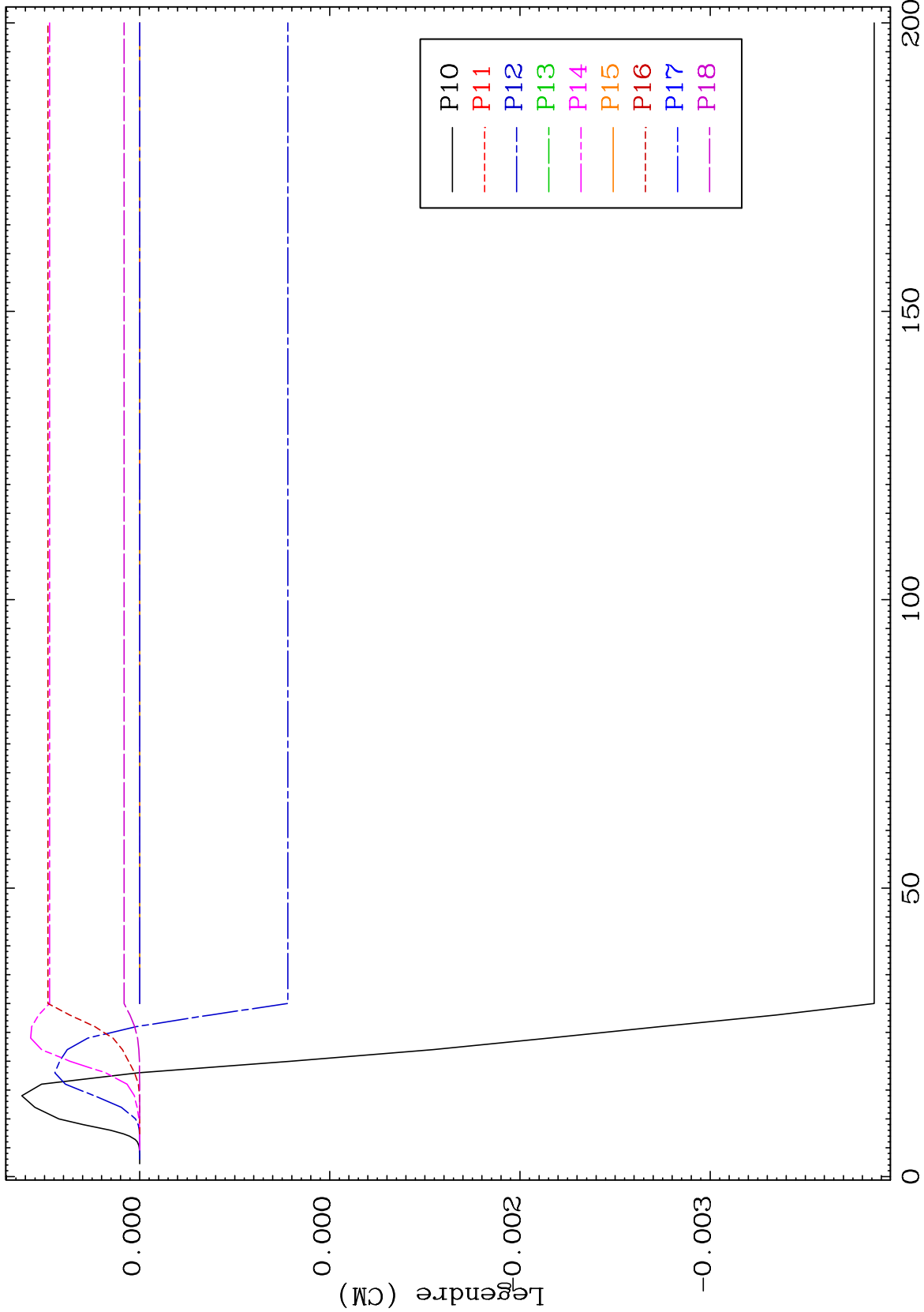




MAT 5467

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

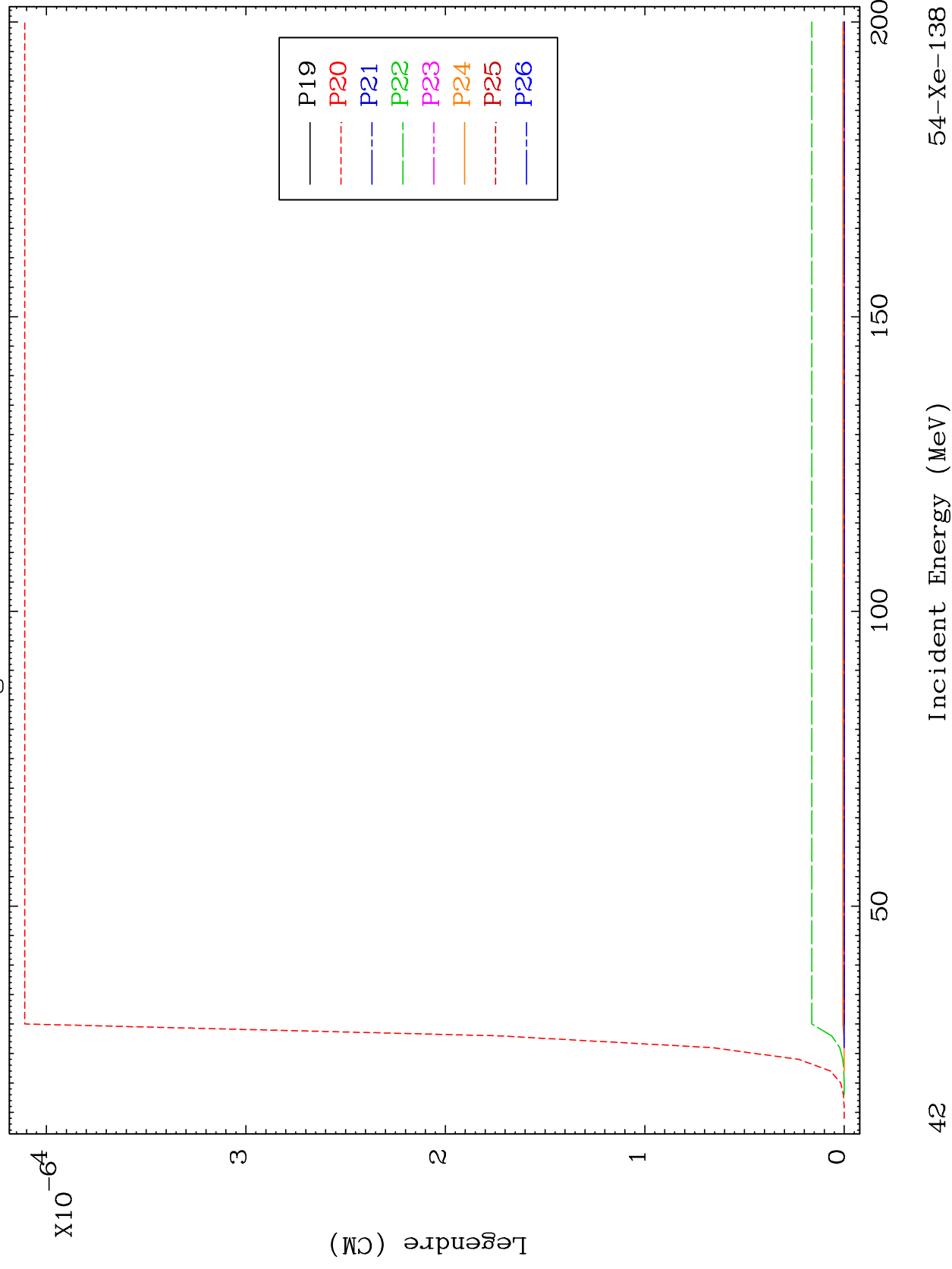
54-Xe-138



MAT 5467

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

54-Xe-138



42

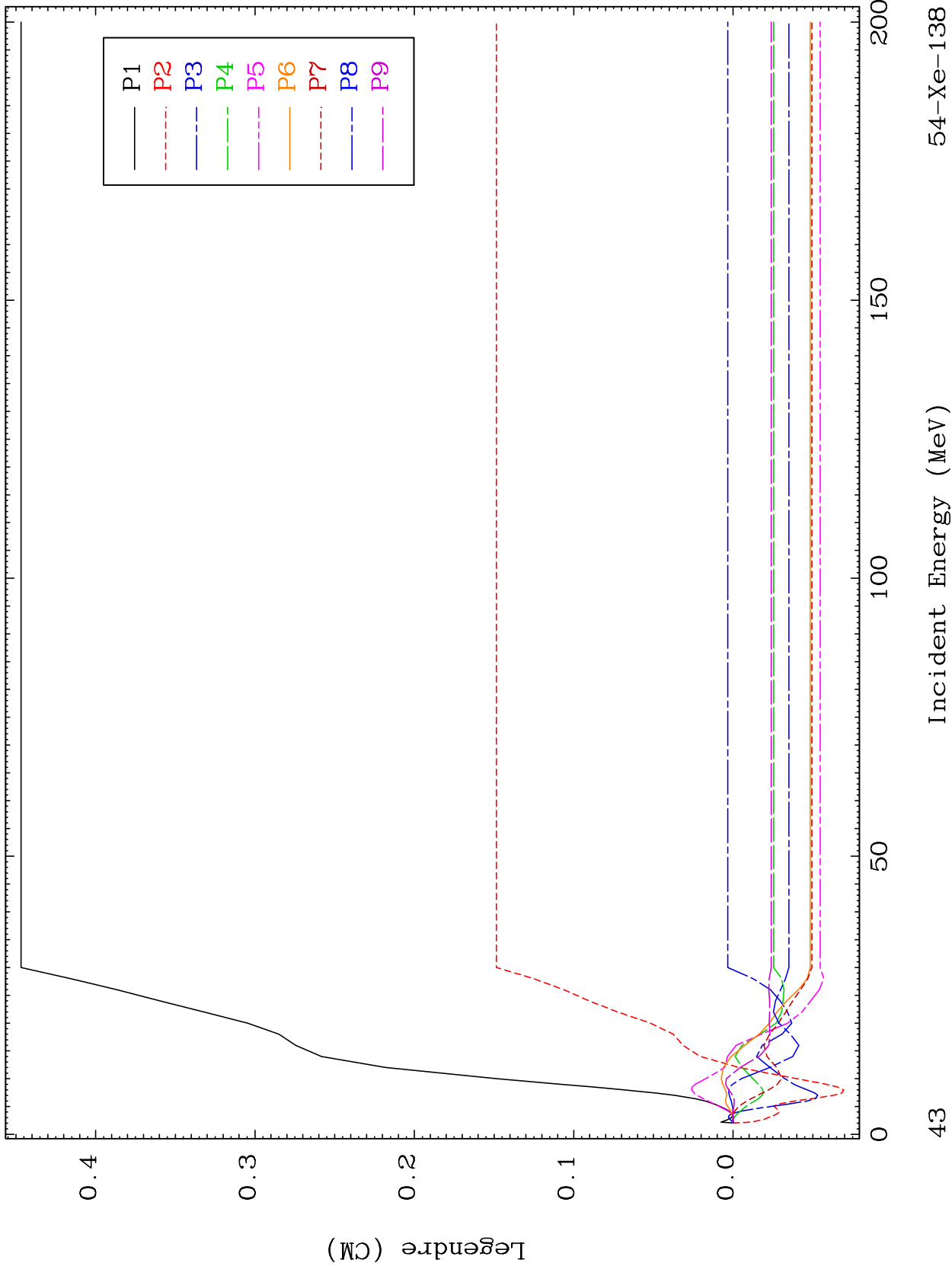
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

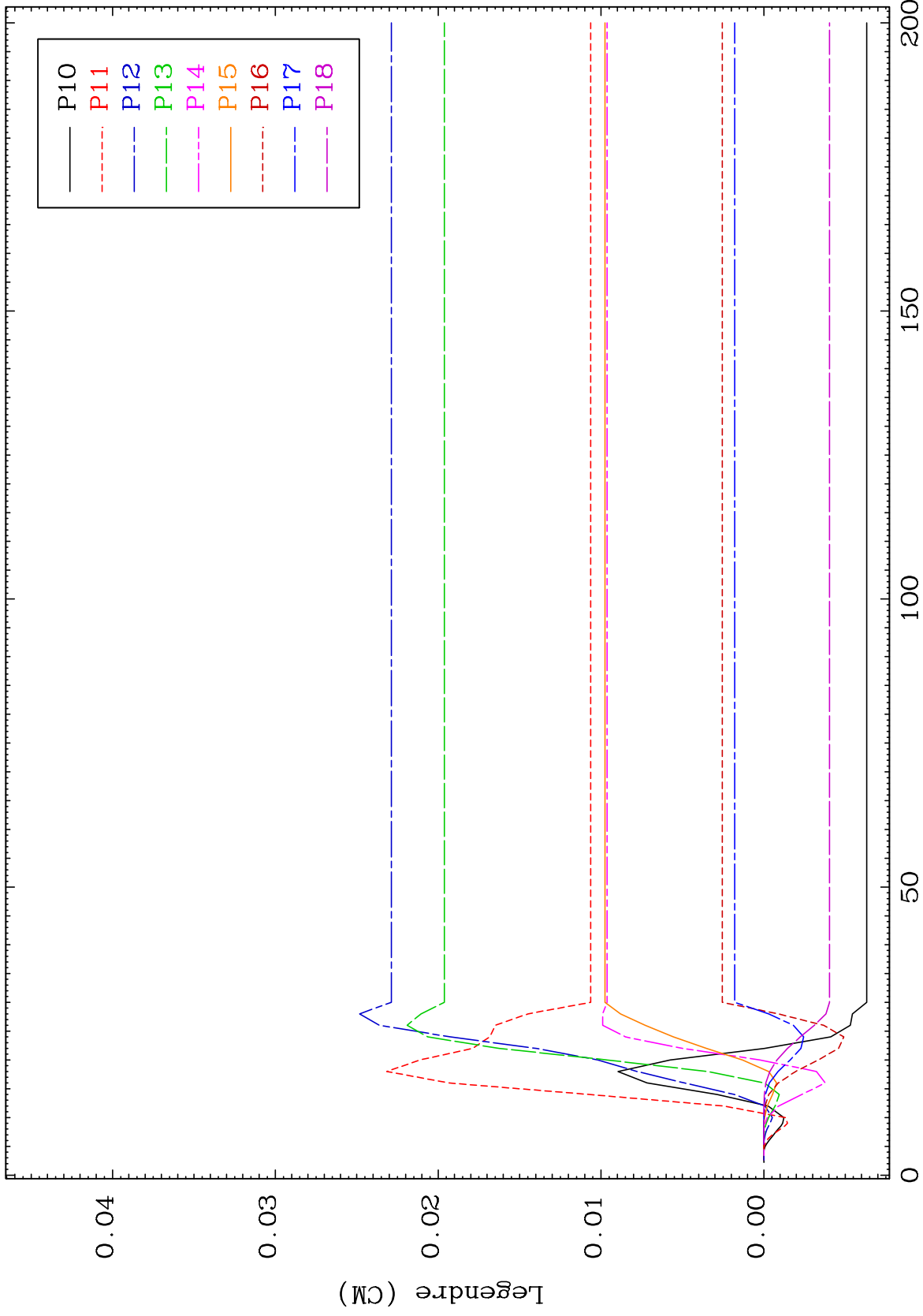
Incident Energy (MeV)

43

MAT 5467

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

54-Xe-138



44

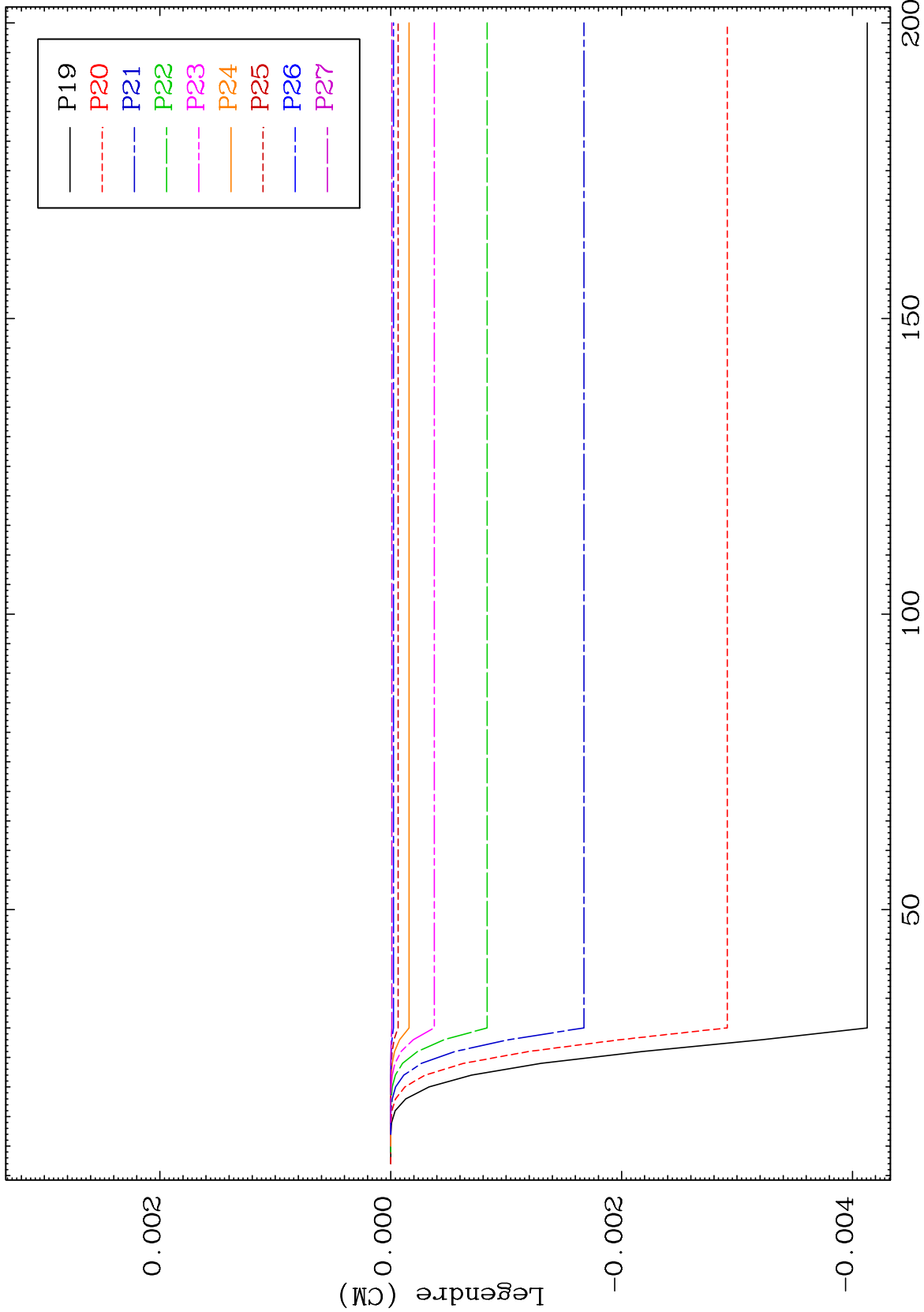
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



45

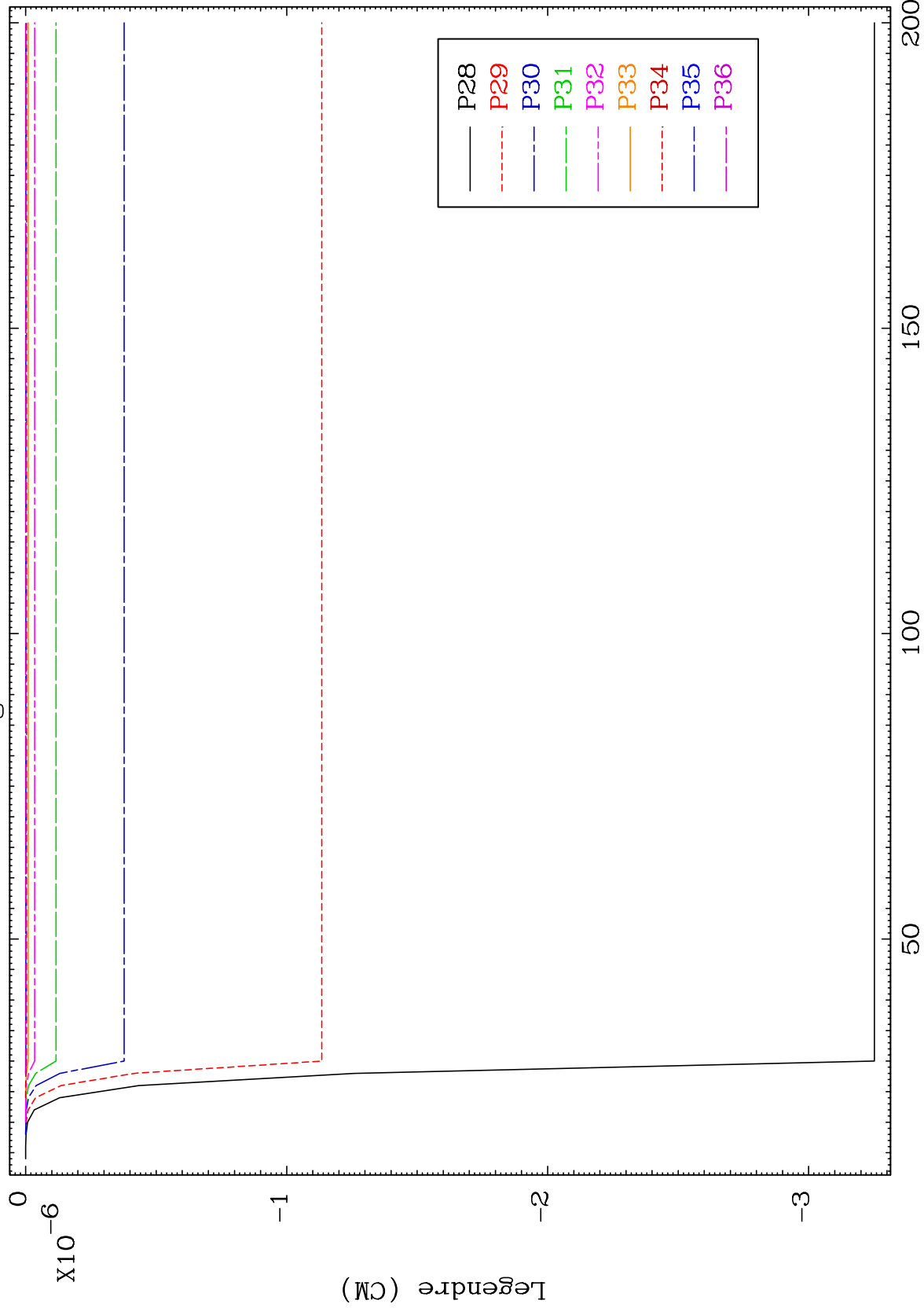
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



46

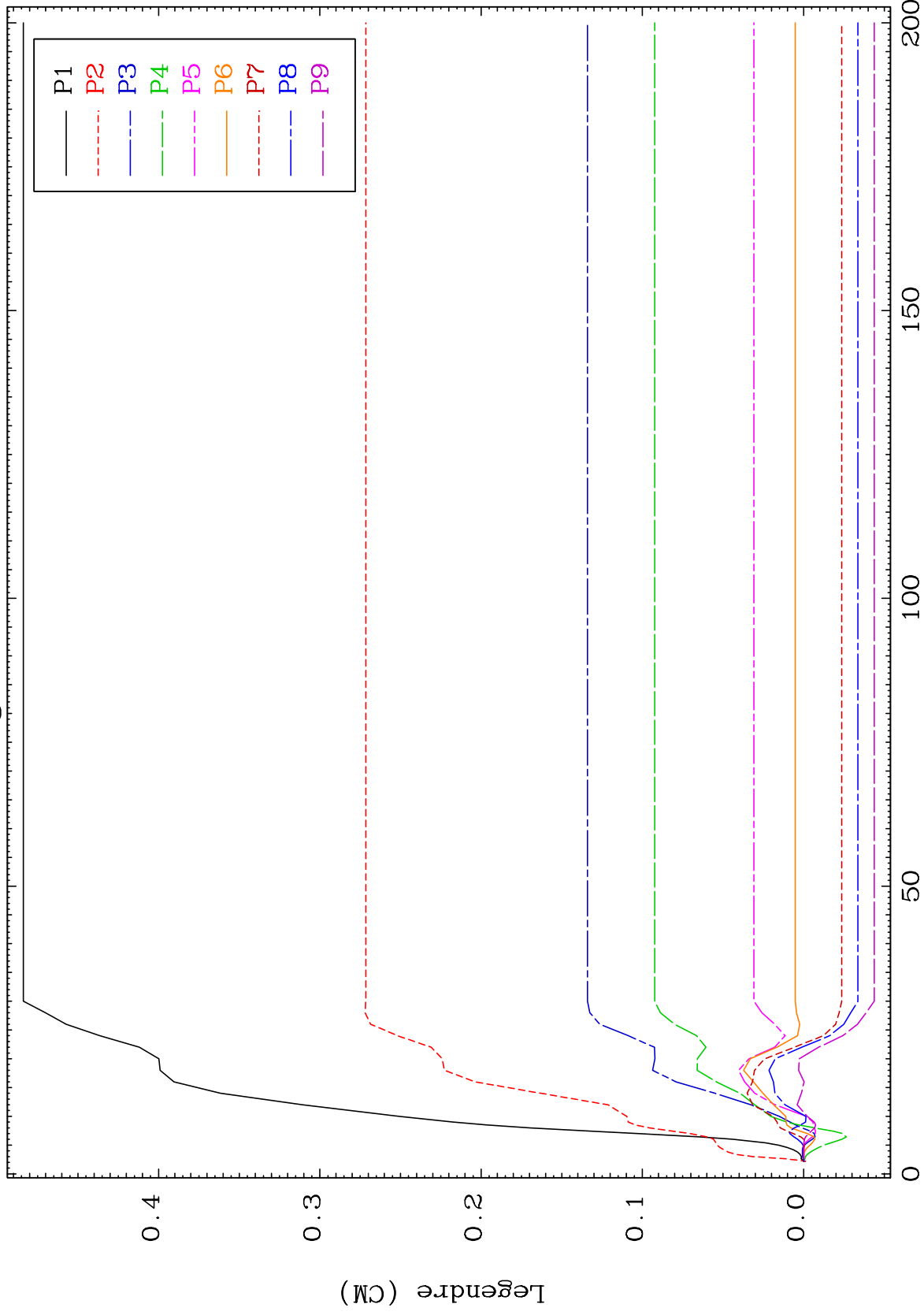
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



47

Incident Energy (MeV)

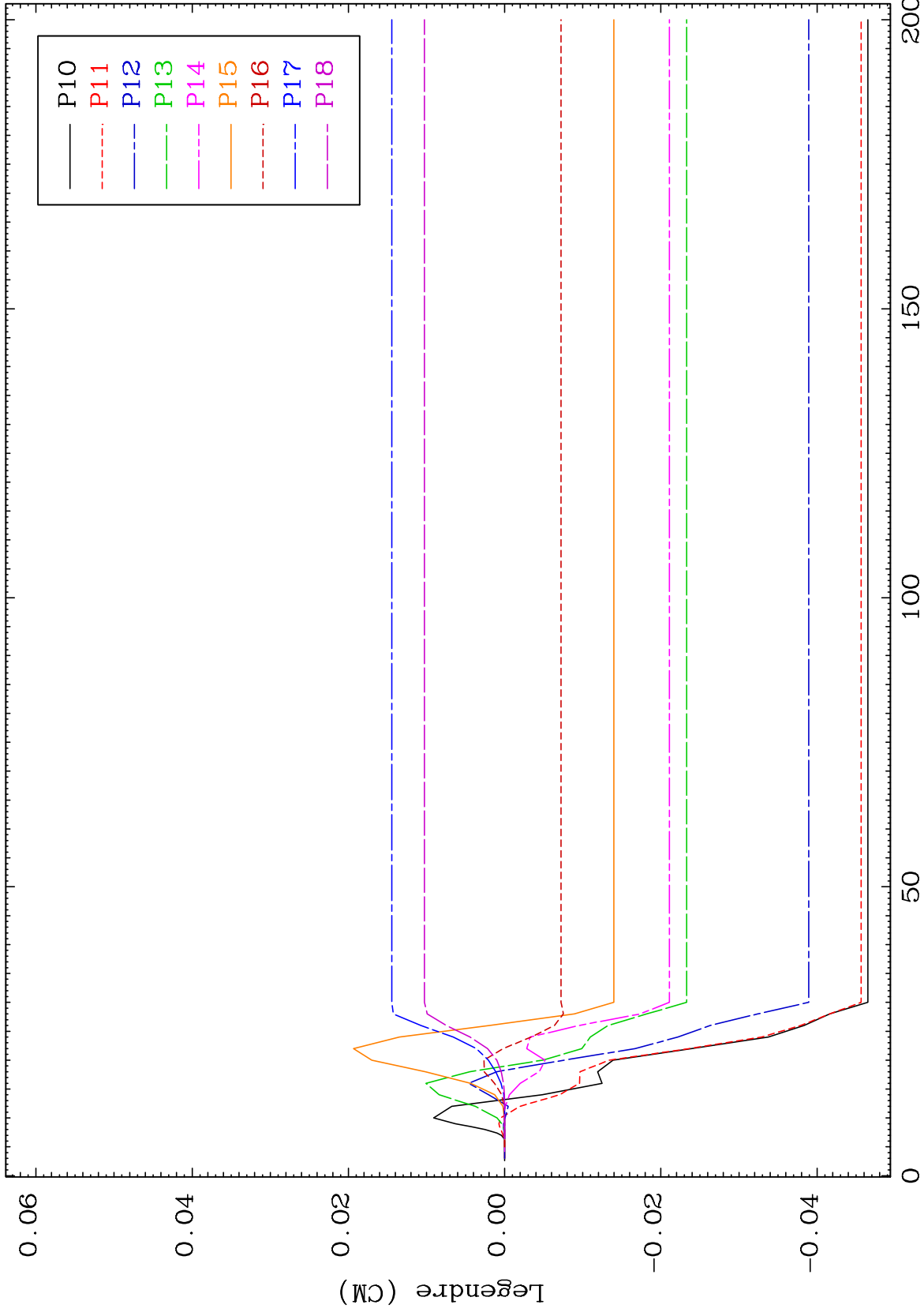
54-Xe-138



MAT 5467

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

54-Xe-138



48

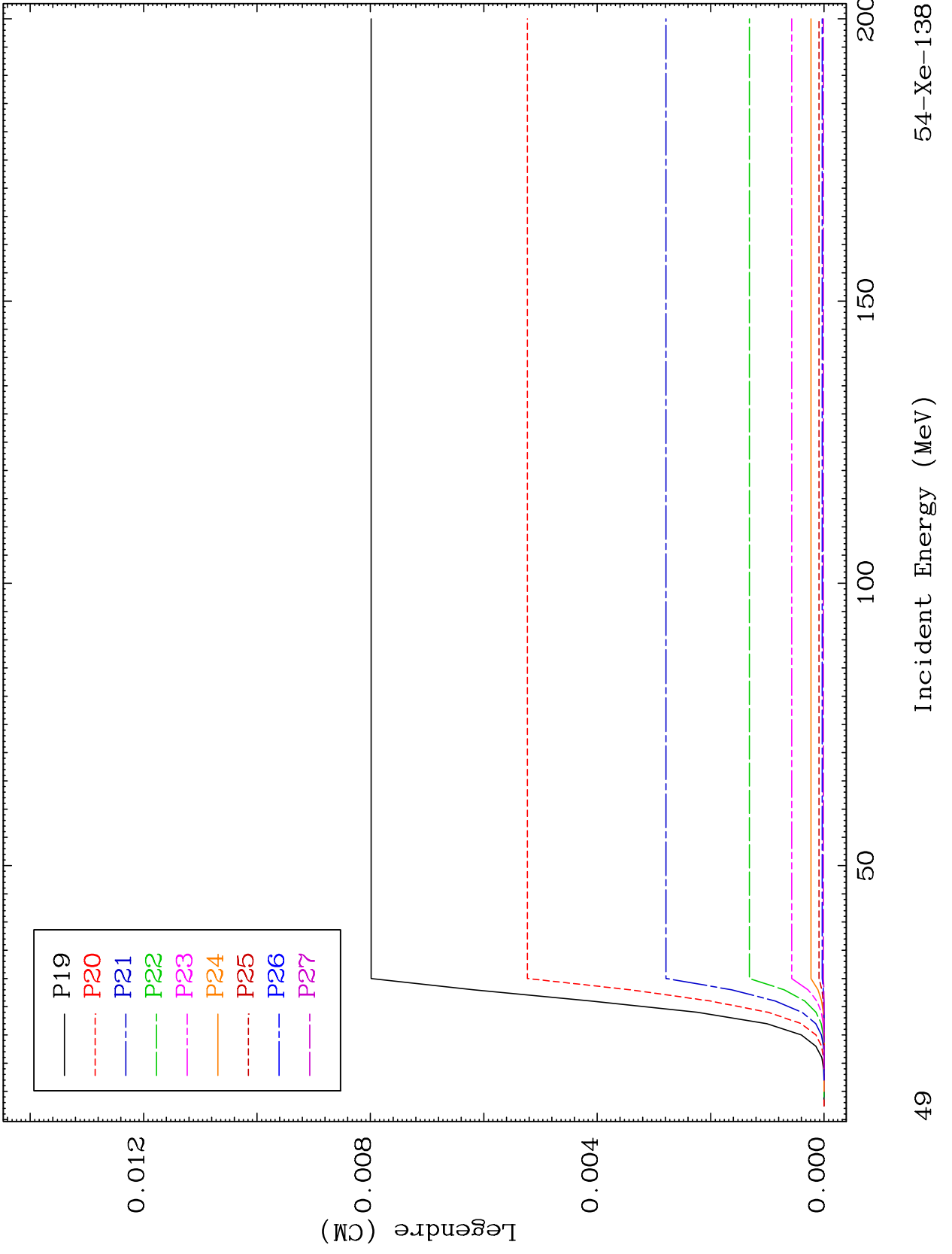
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

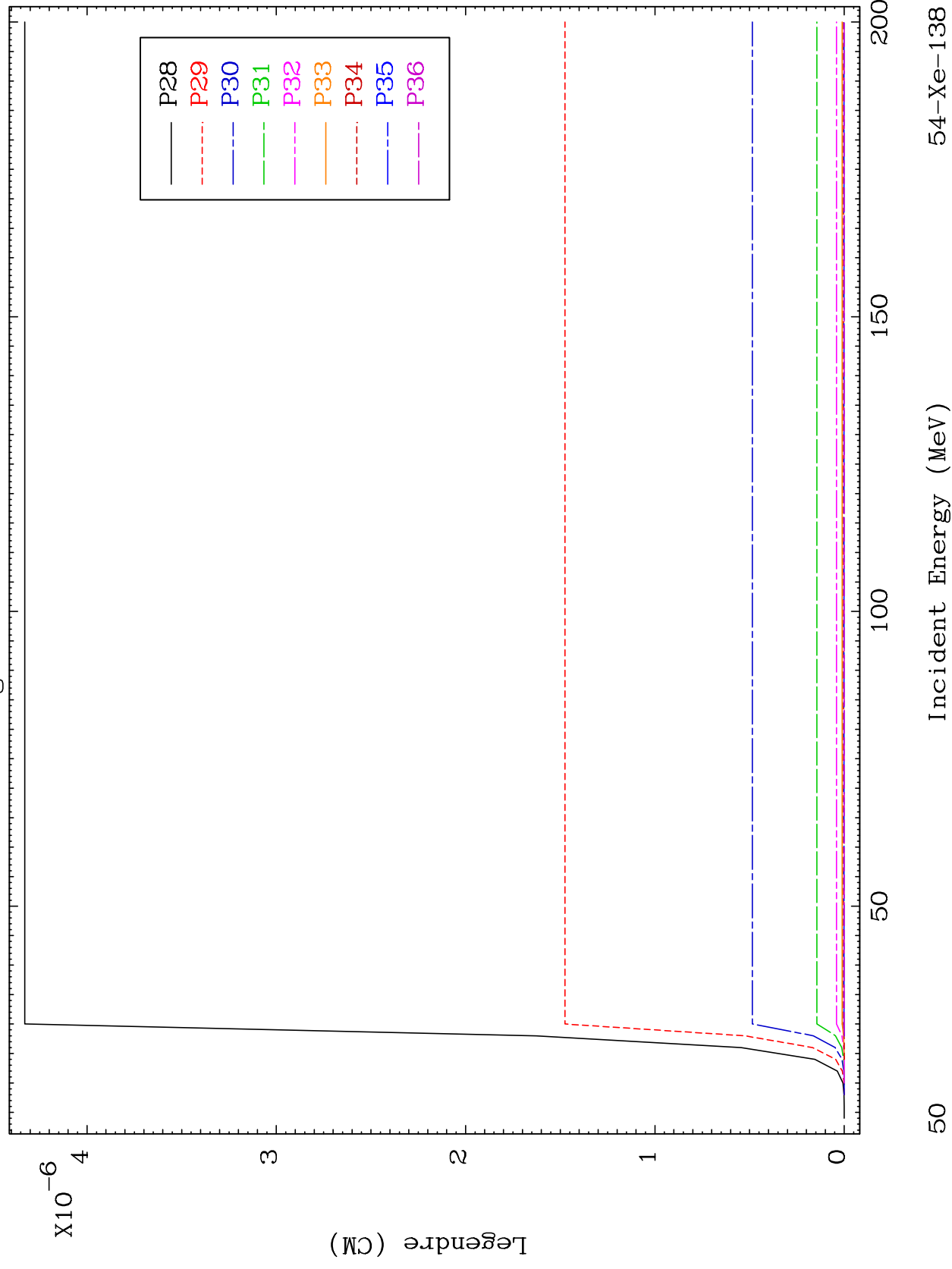
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MAT 5467

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

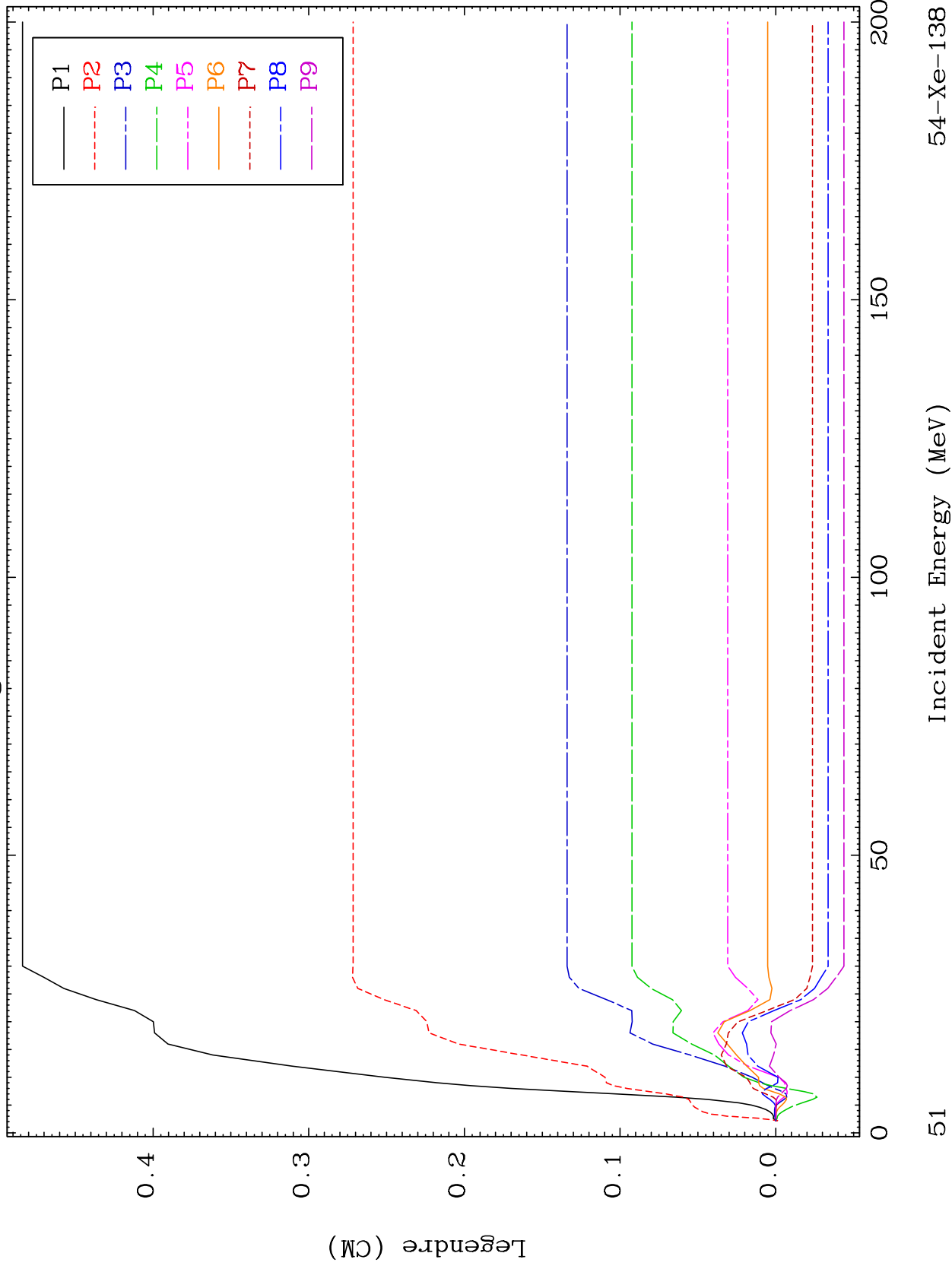
54-Xe-138



MAT 5467

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

54-Xe-138



54-Xe-138

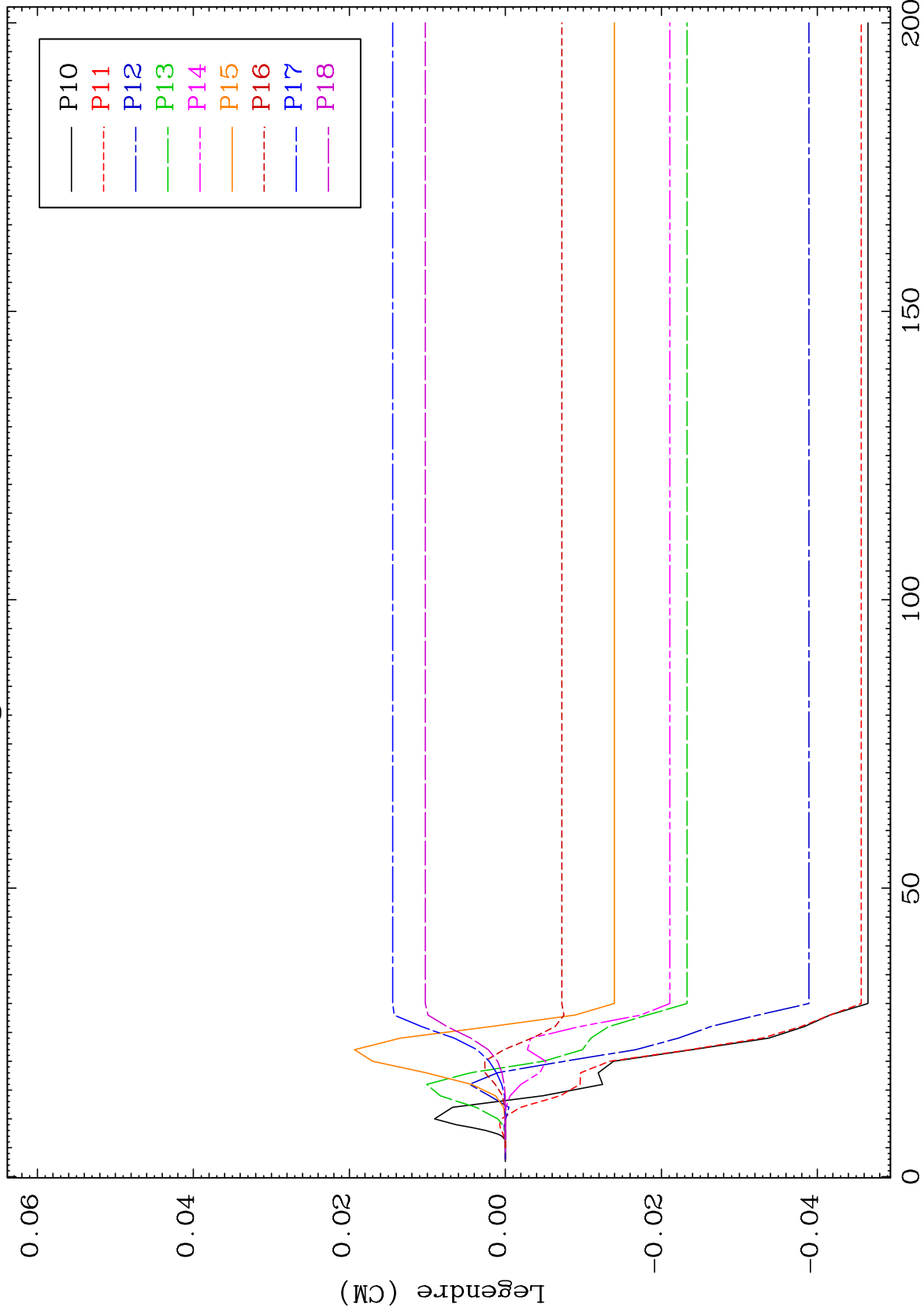
Incident Energy (MeV)

51

MAT 5467

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

54-Xe-138



52

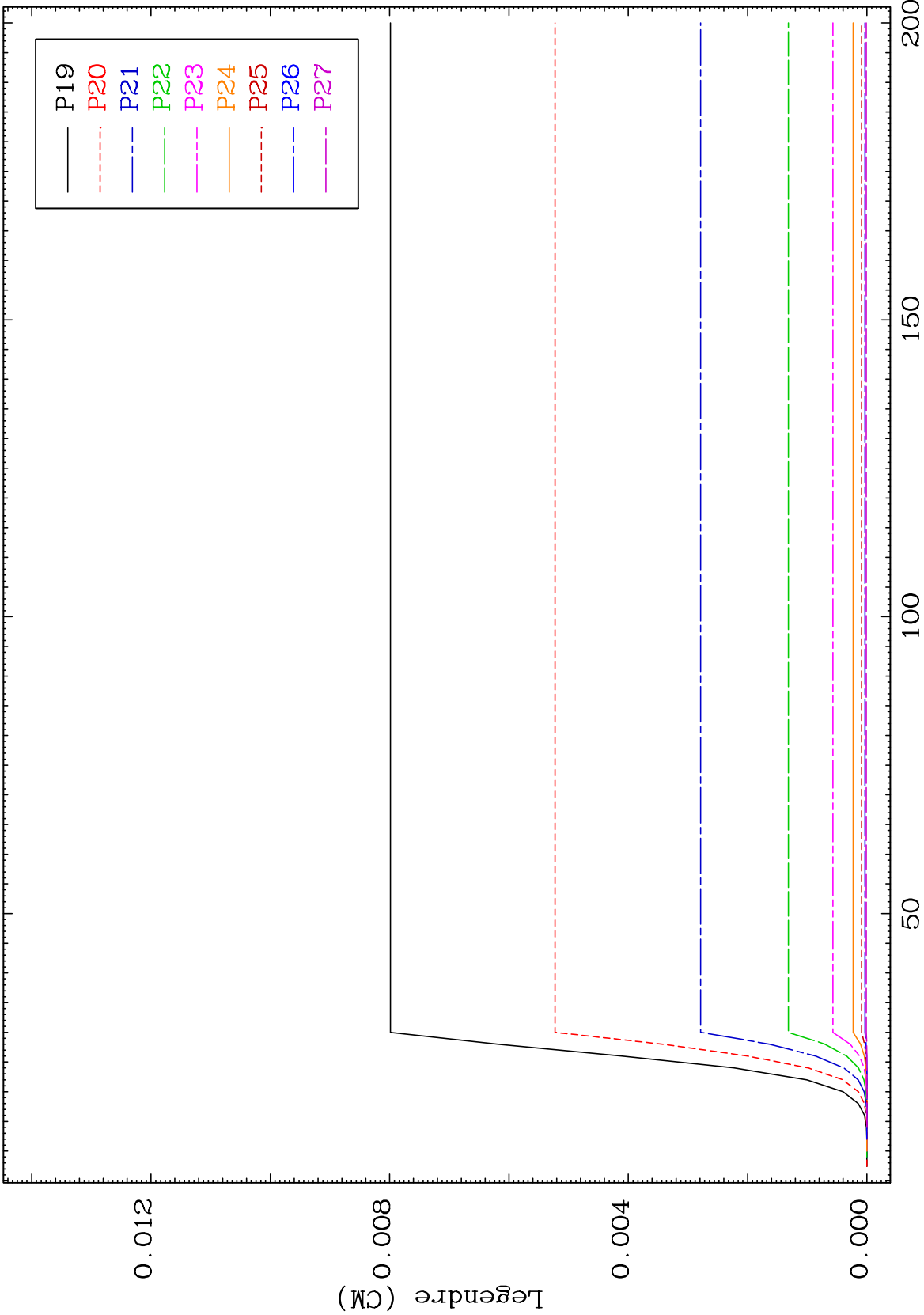
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



53

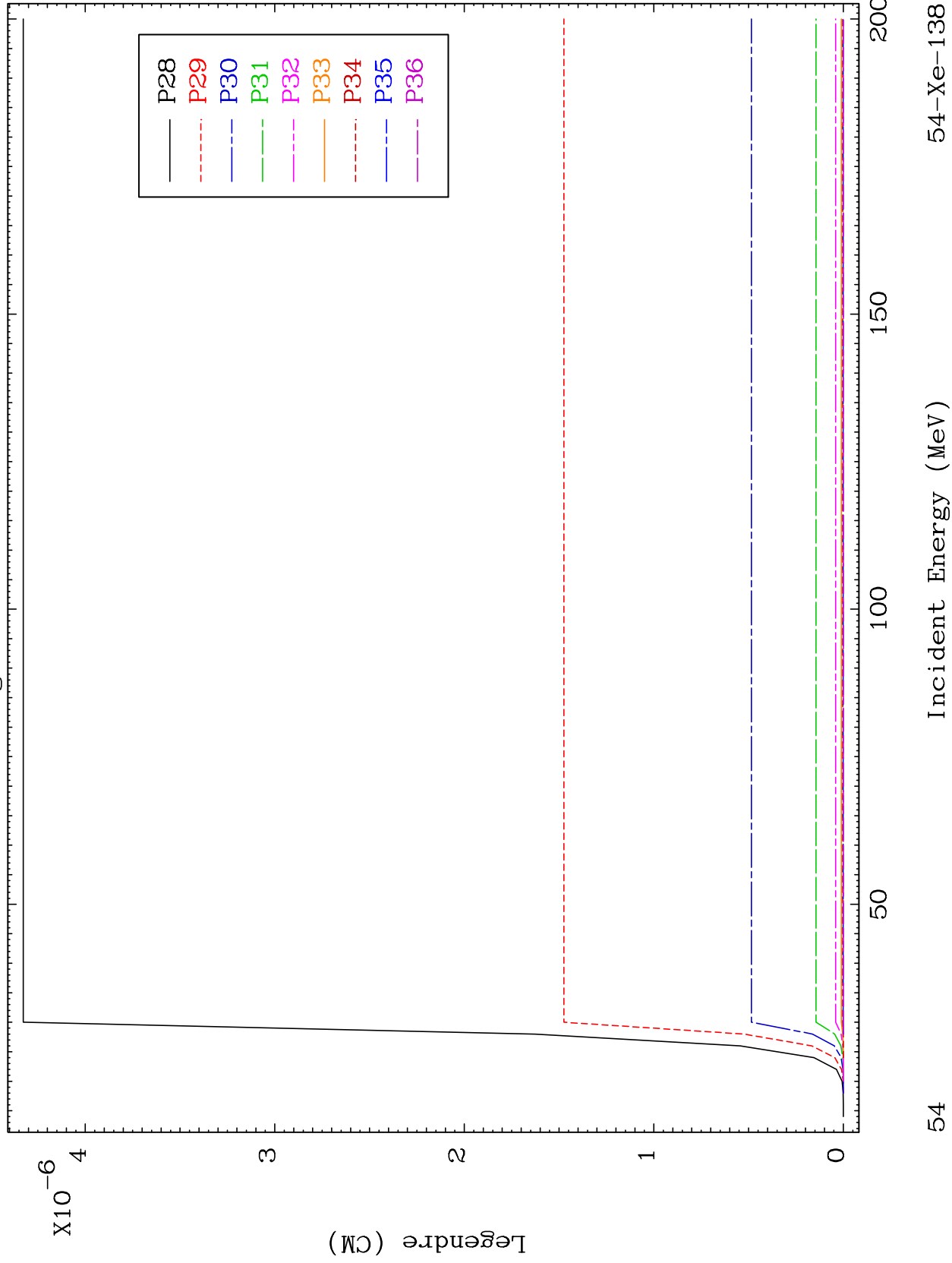
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



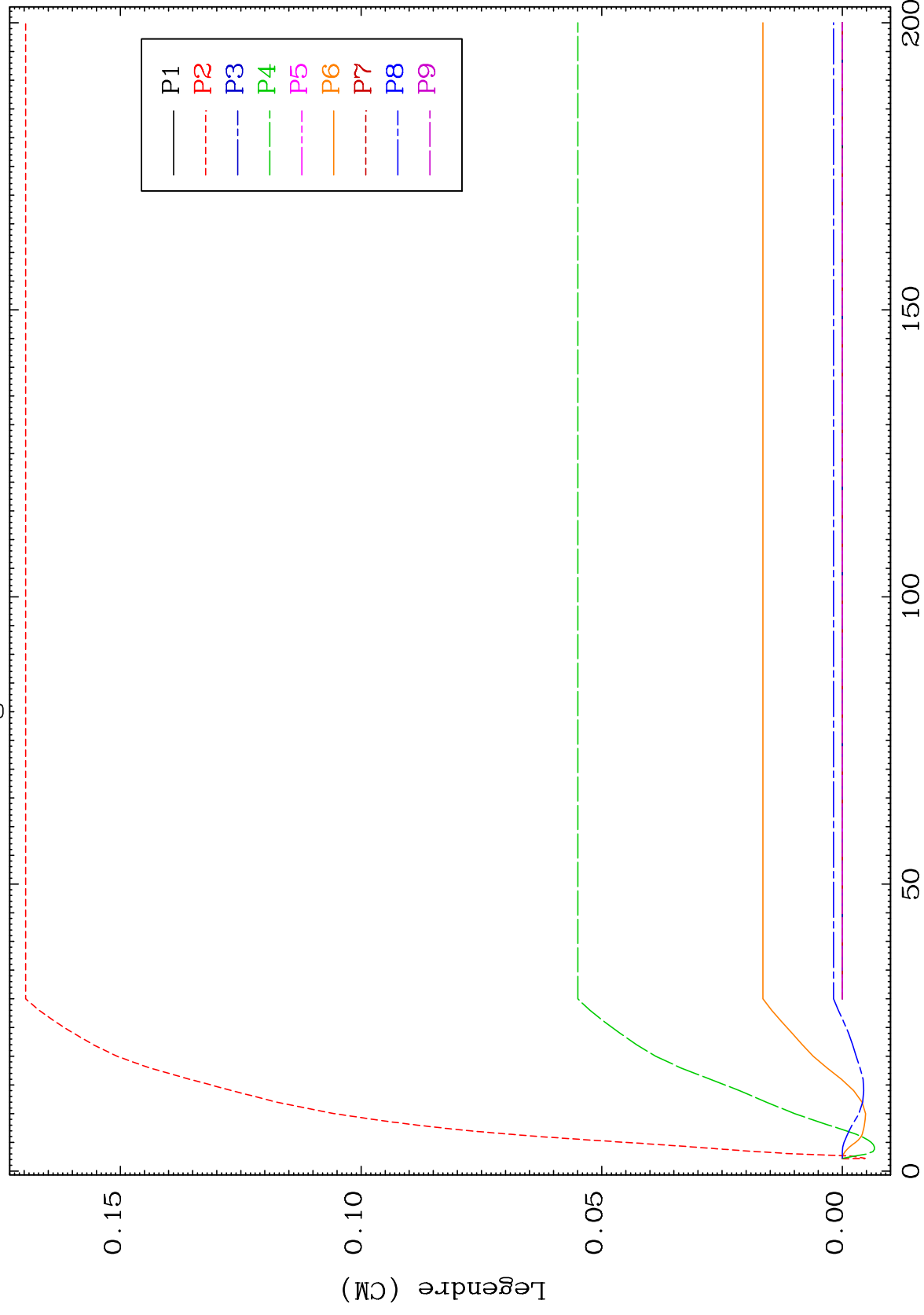
54

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

Incident Energy (MeV)

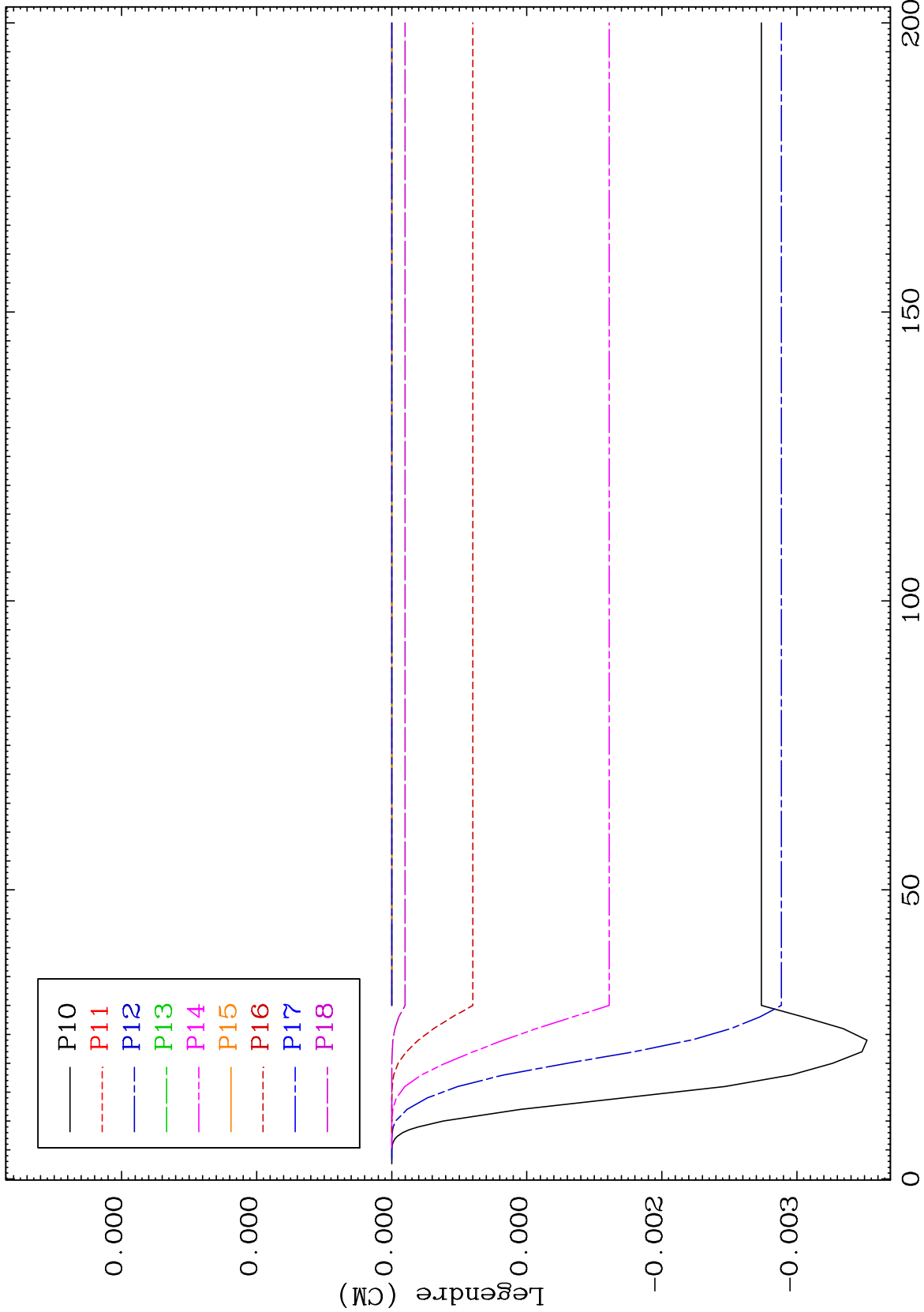
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MAT 5467

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

54-Xe-138



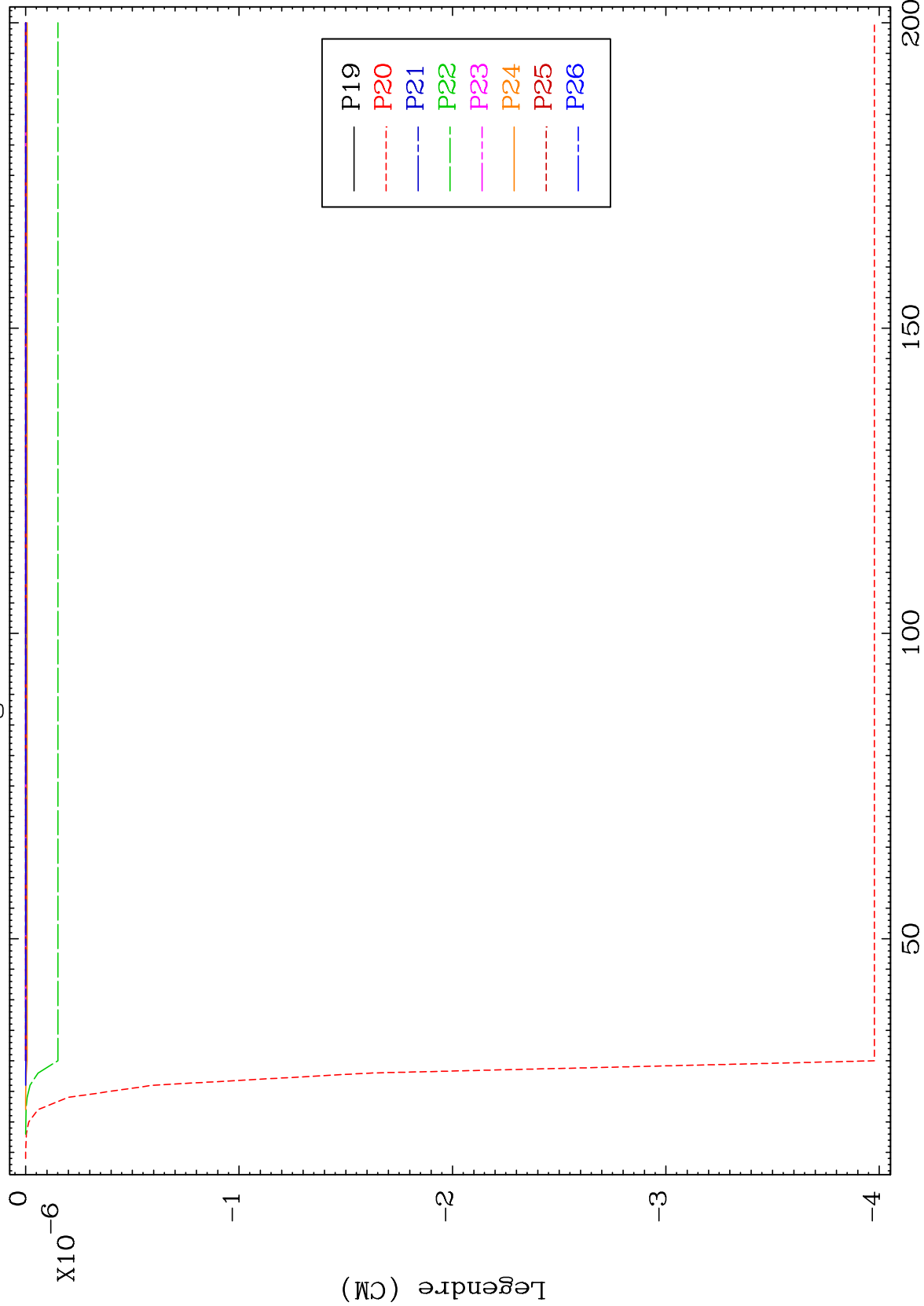
56

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

Incident Energy (MeV)

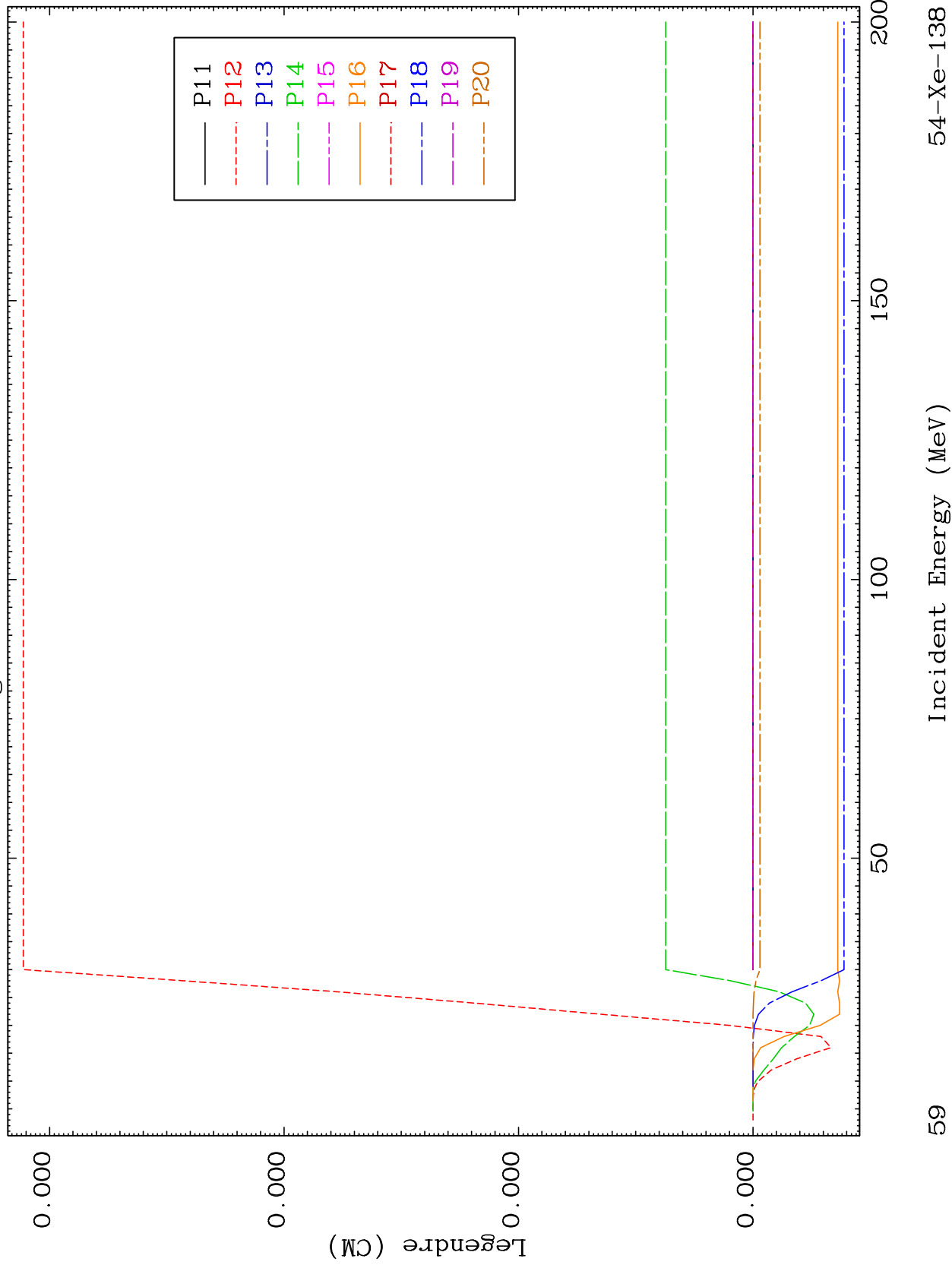
57



MAT 5467

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

54-Xe-138



59

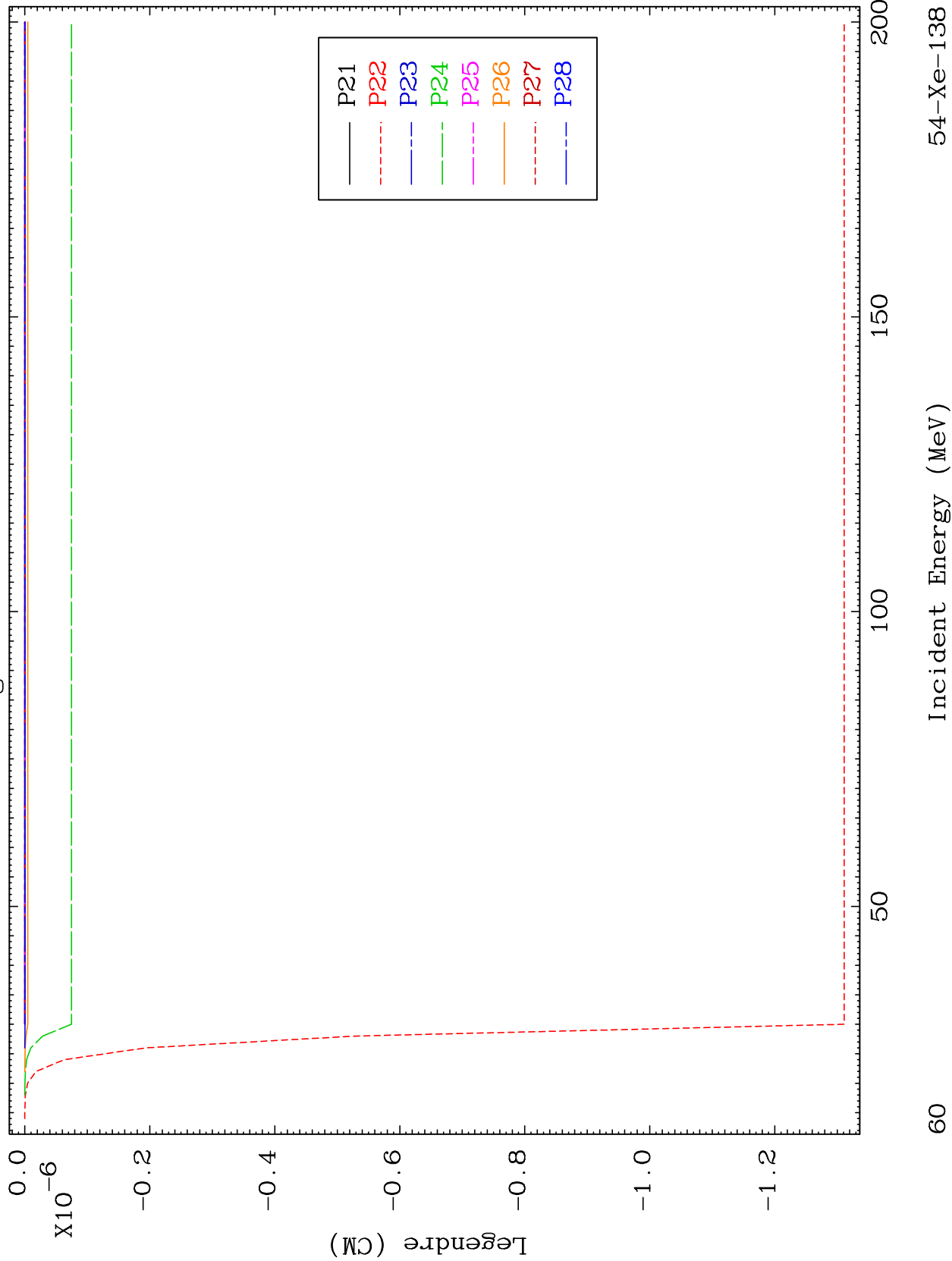
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

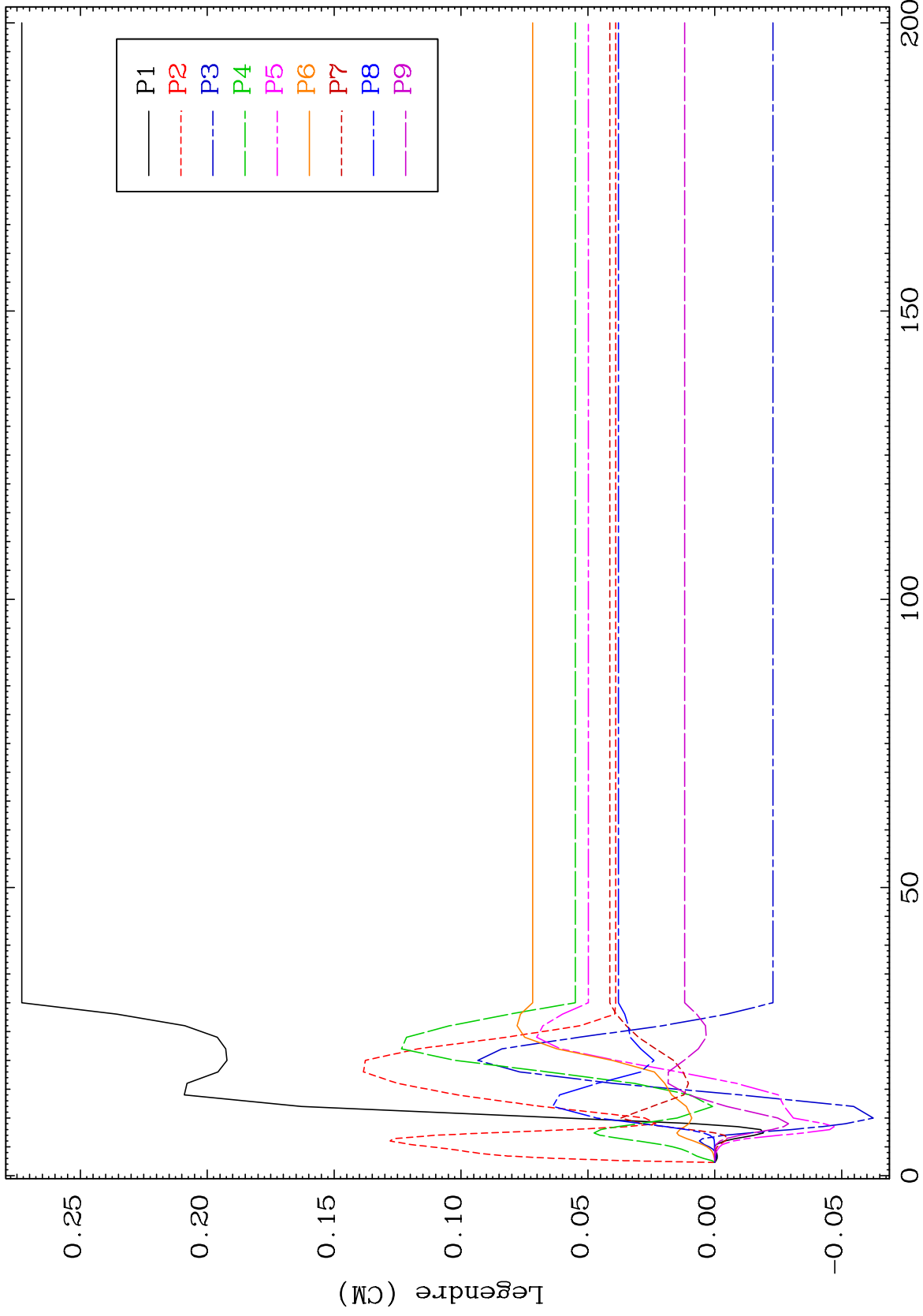
Incident Energy (MeV)

60

MAT 5467

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

54-Xe-138



54-Xe-138

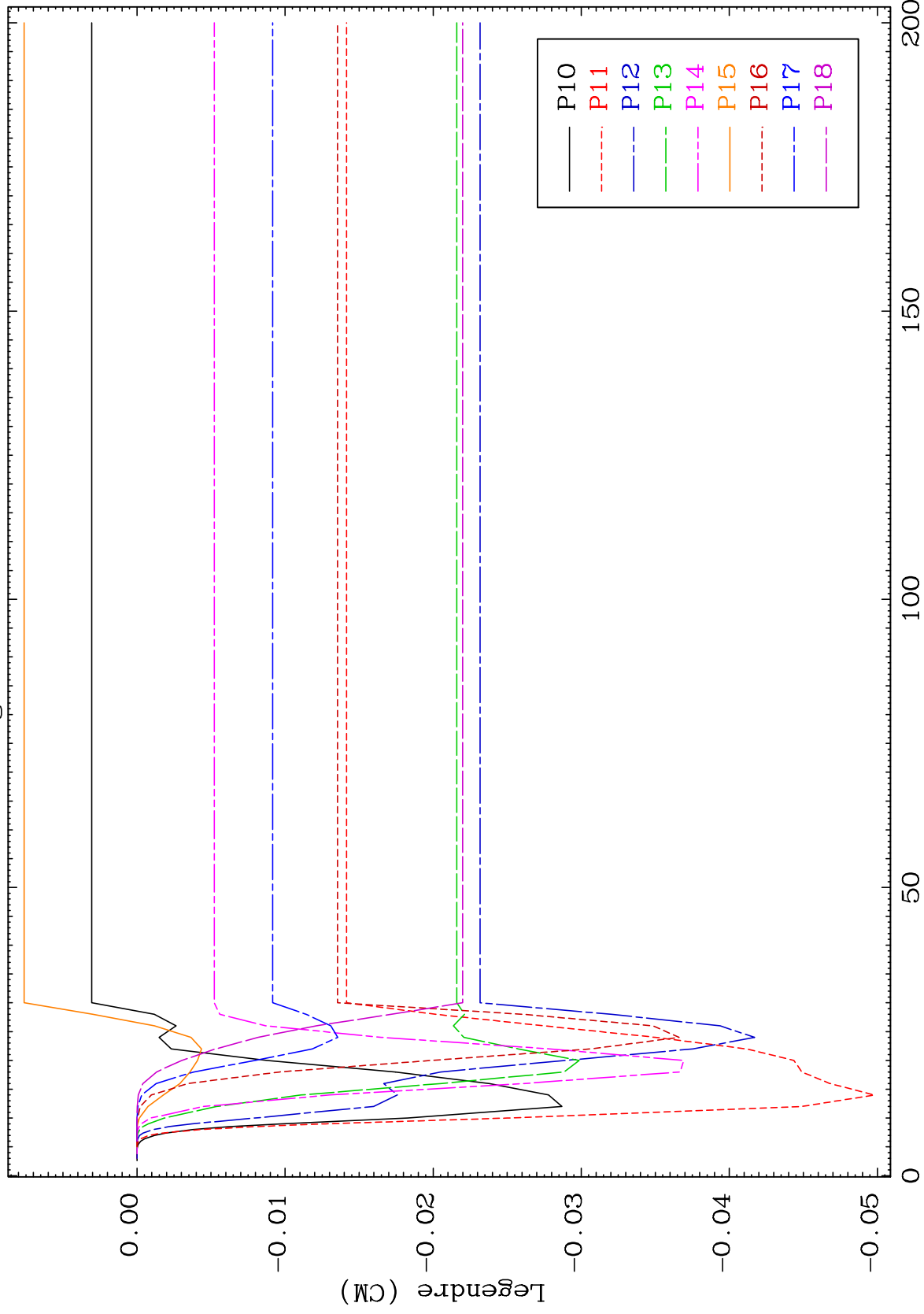
Incident Energy (MeV)

61

MAT 5467

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

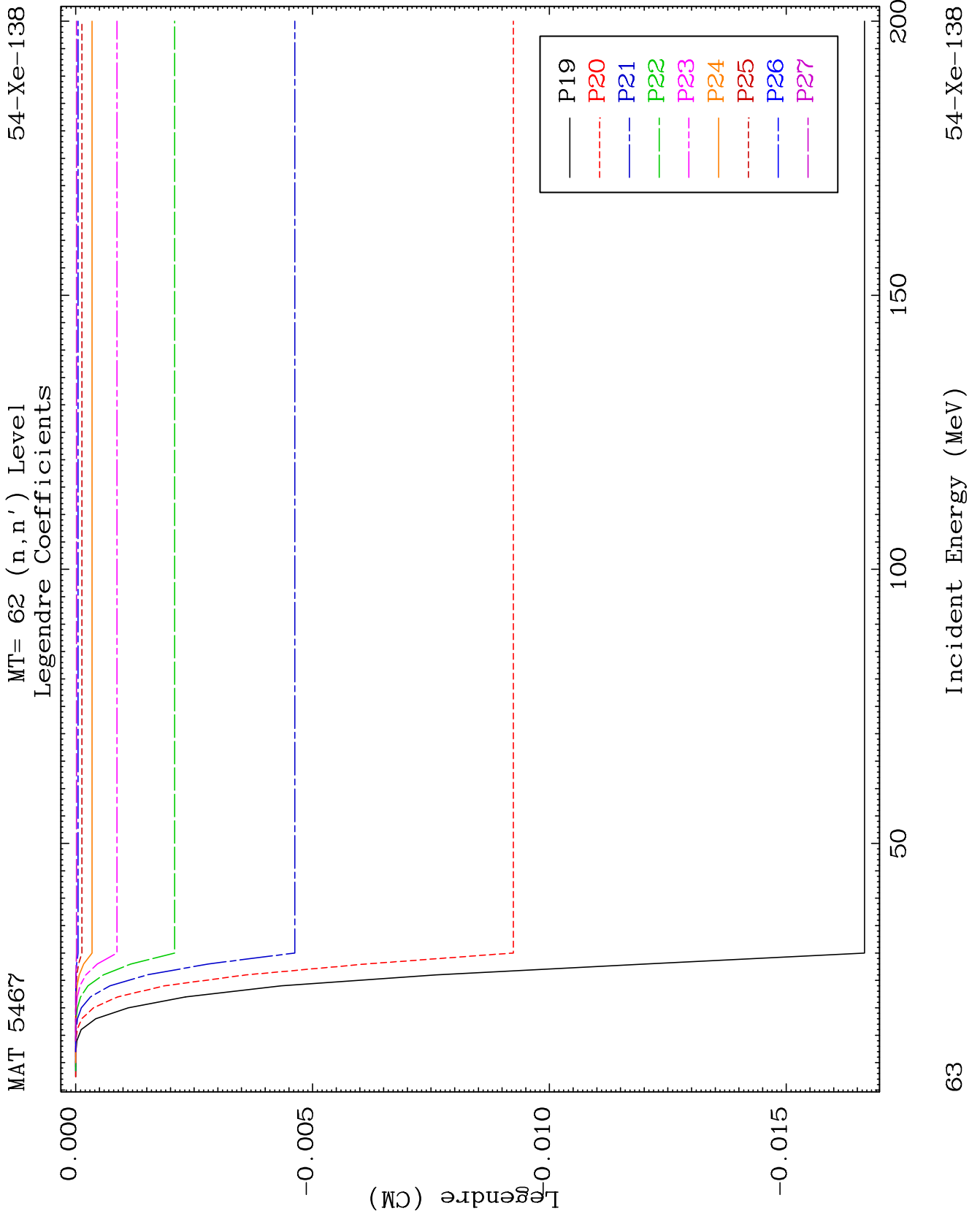
54-Xe-138



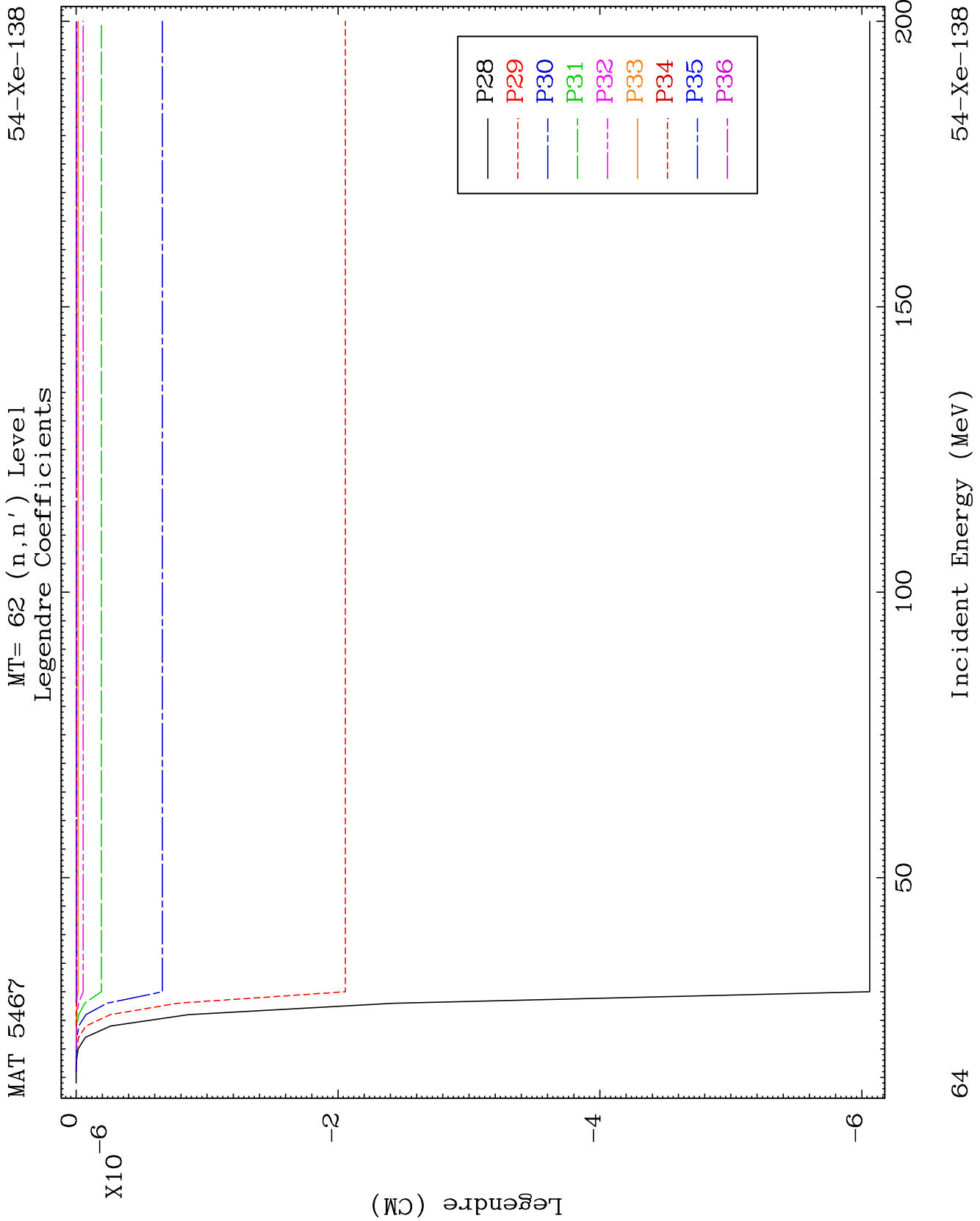
62

Incident Energy (MeV)

54-Xe-138



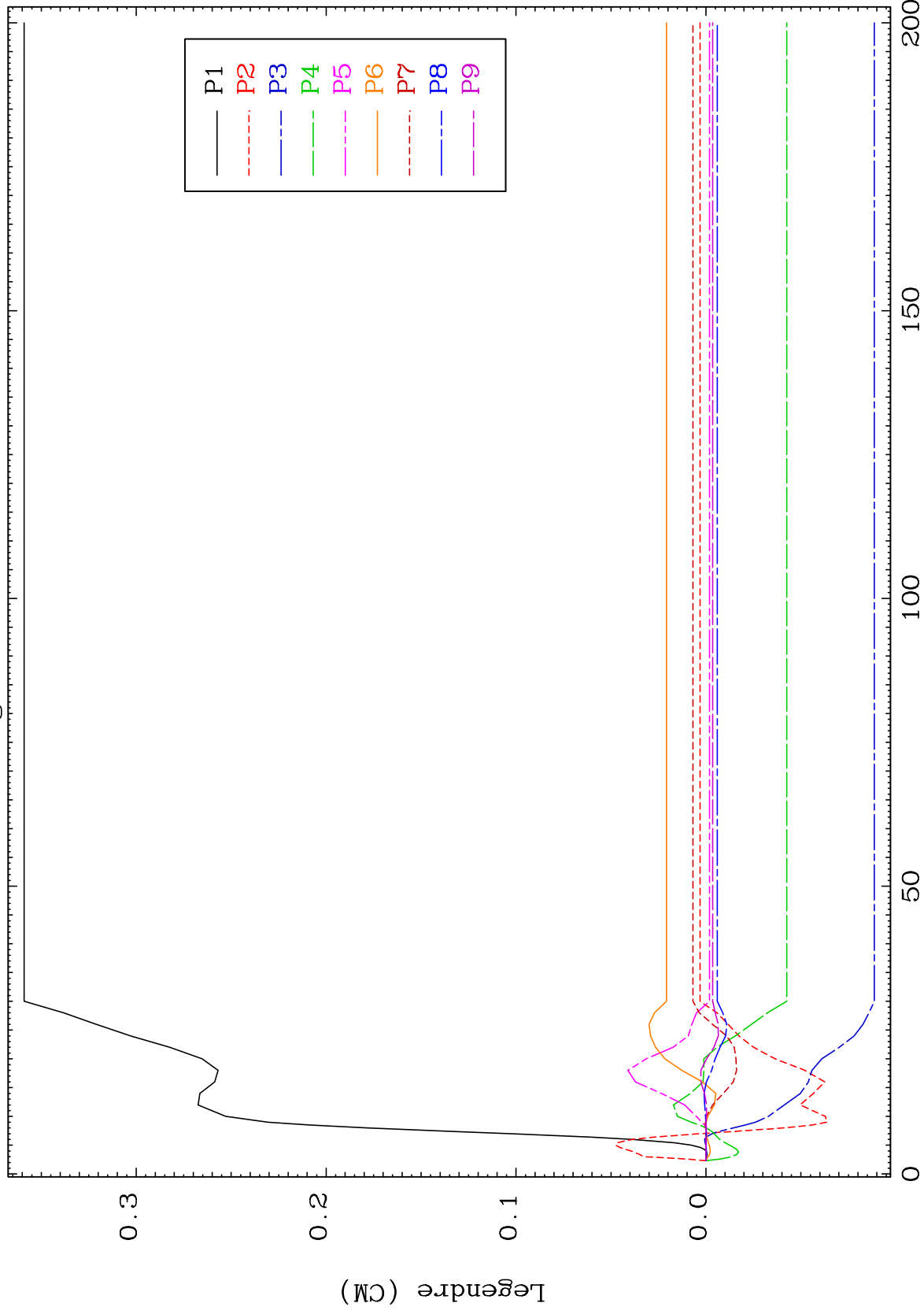




MAT 5467

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

54-Xe-138



65

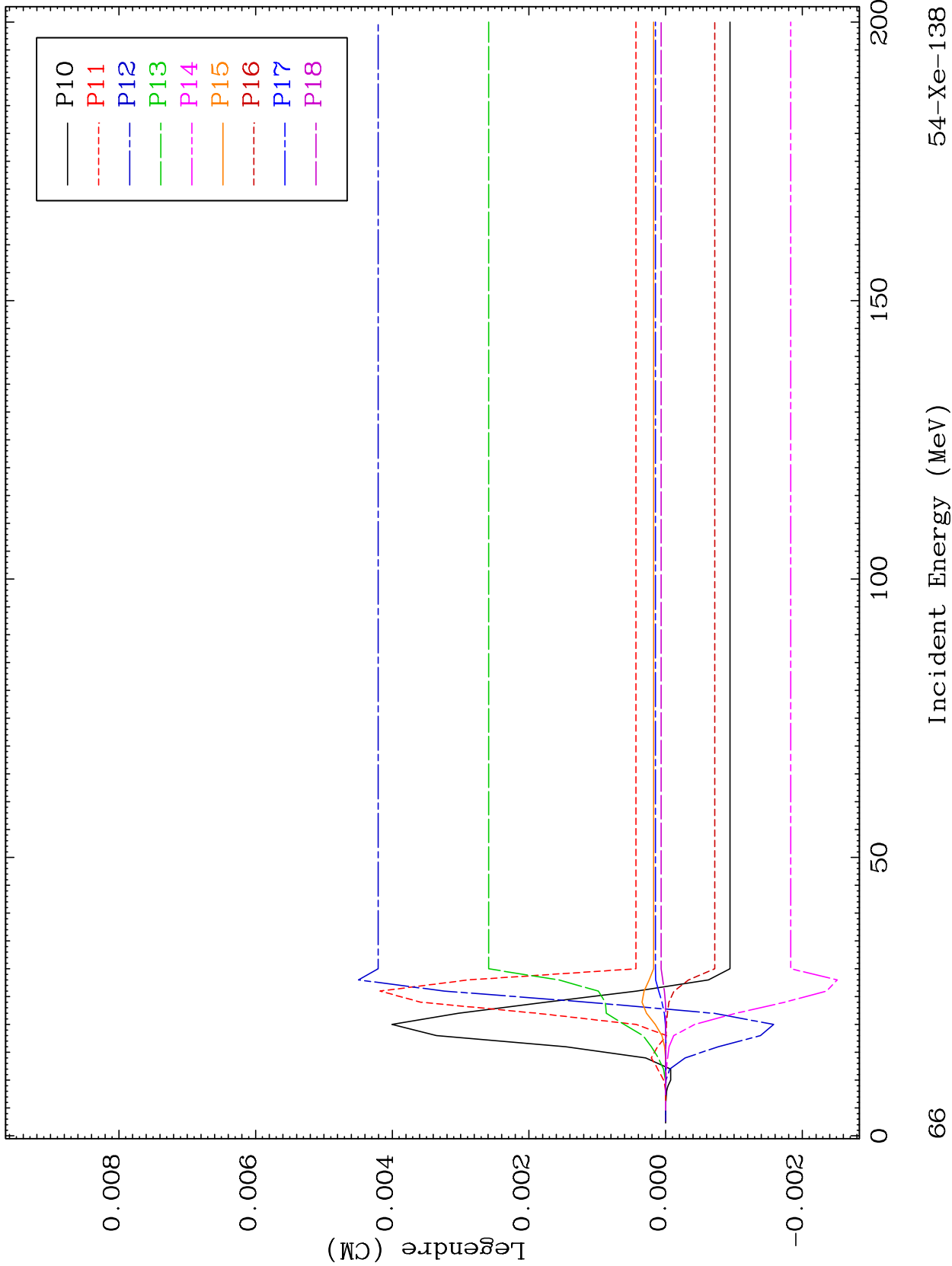
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



66

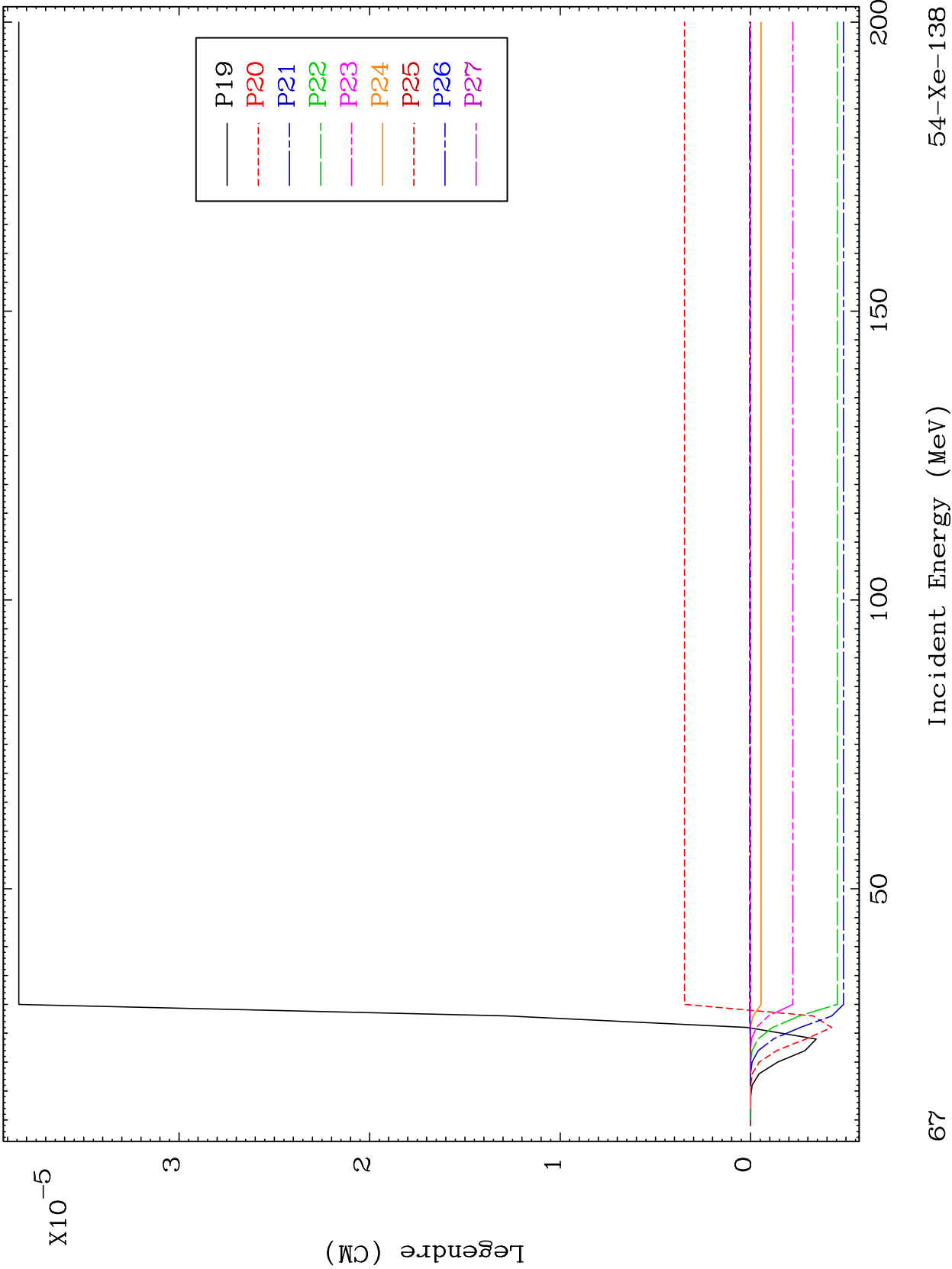
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



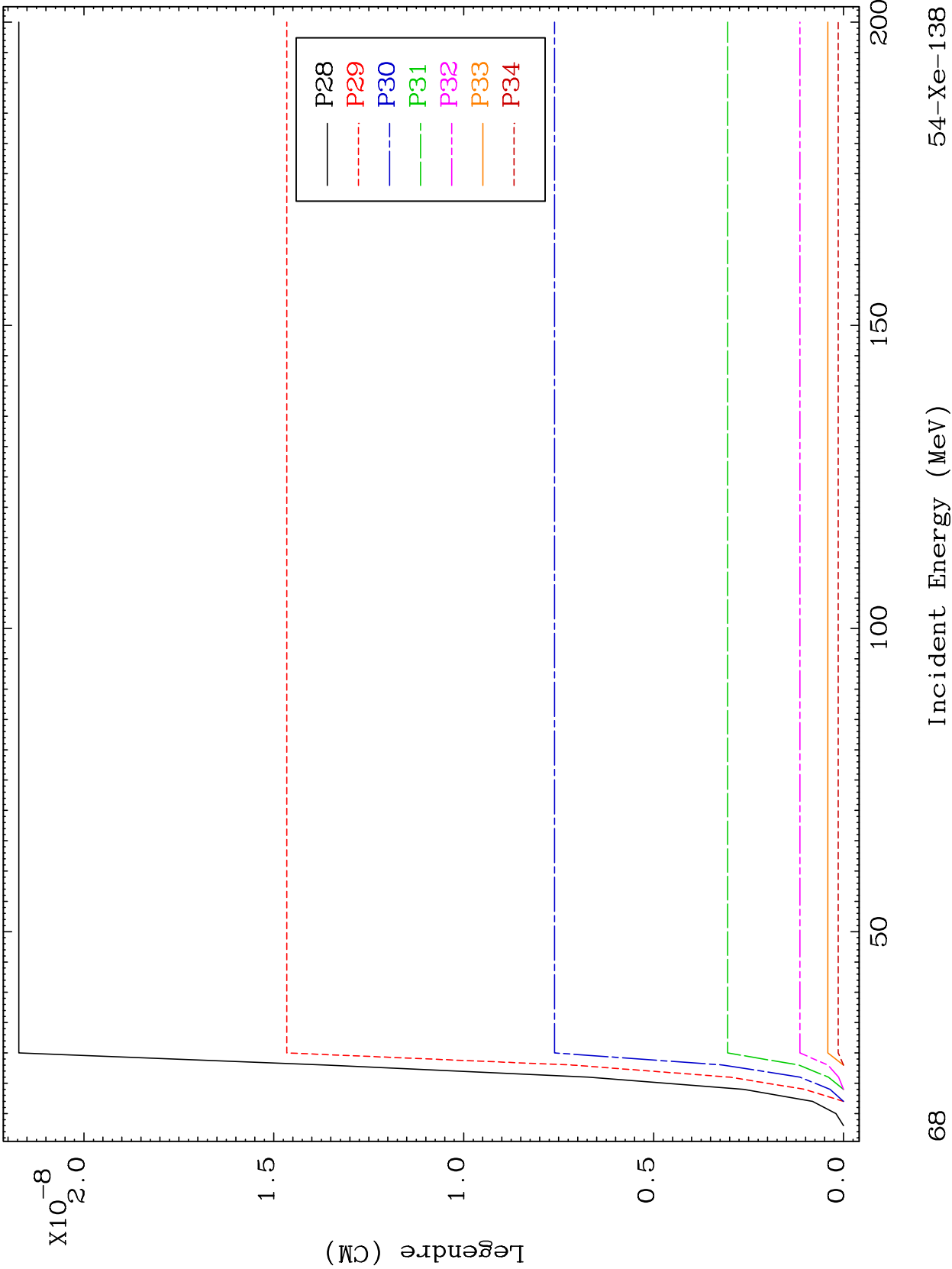
67

54-Xe-138

MAT 5467

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

54-Xe-138

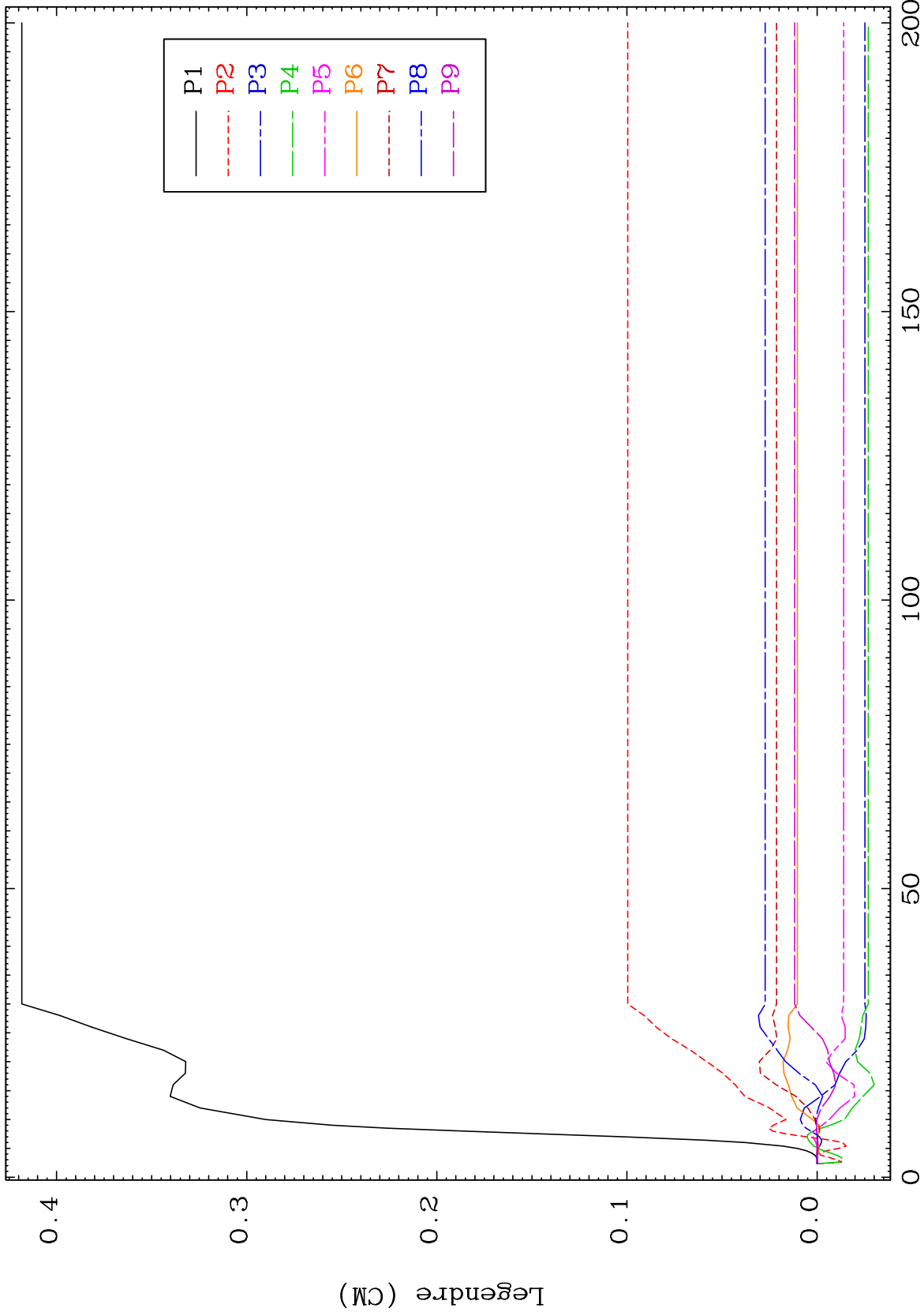


68

MAT 5467

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

54-Xe-138



69

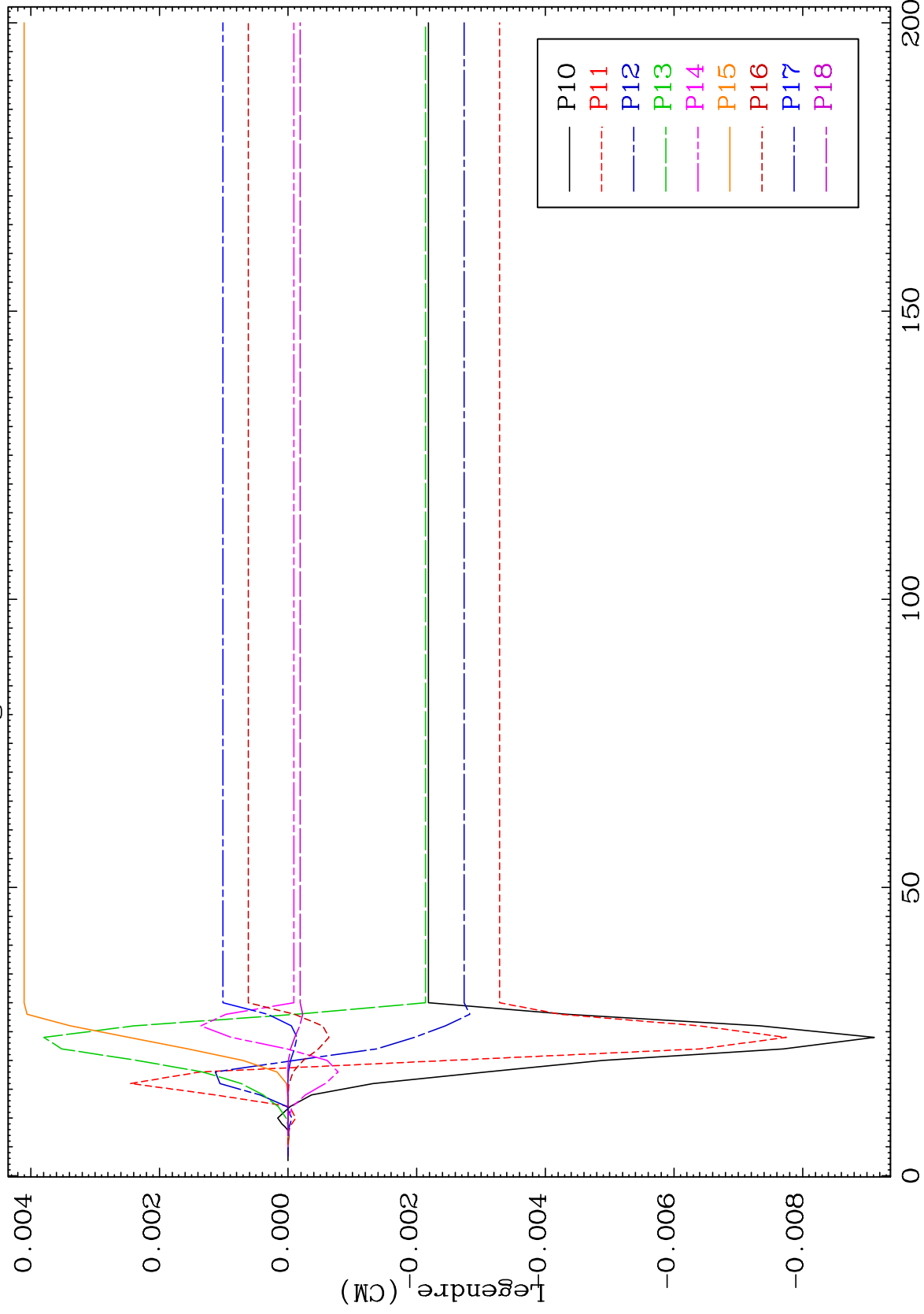
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



70

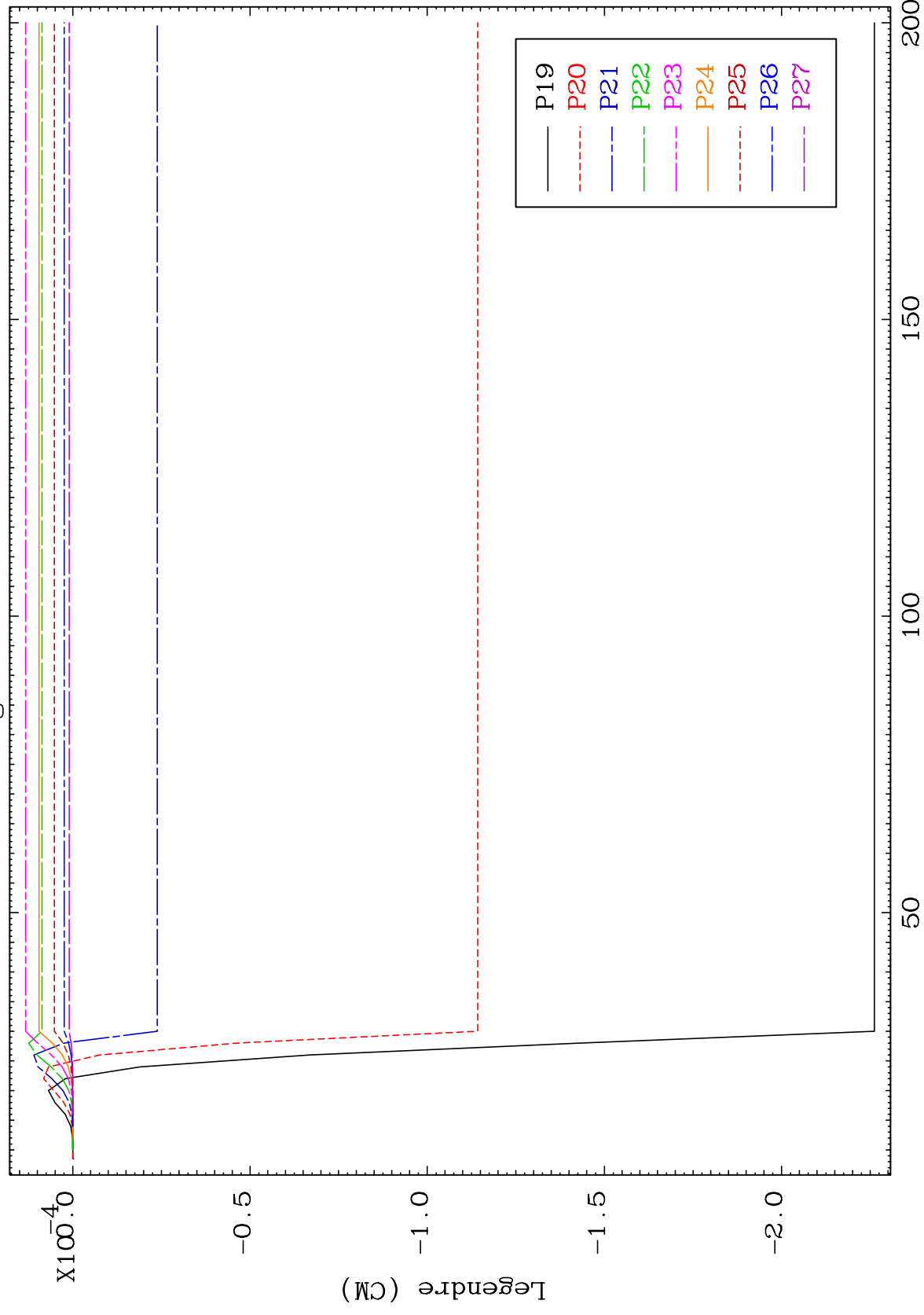
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138

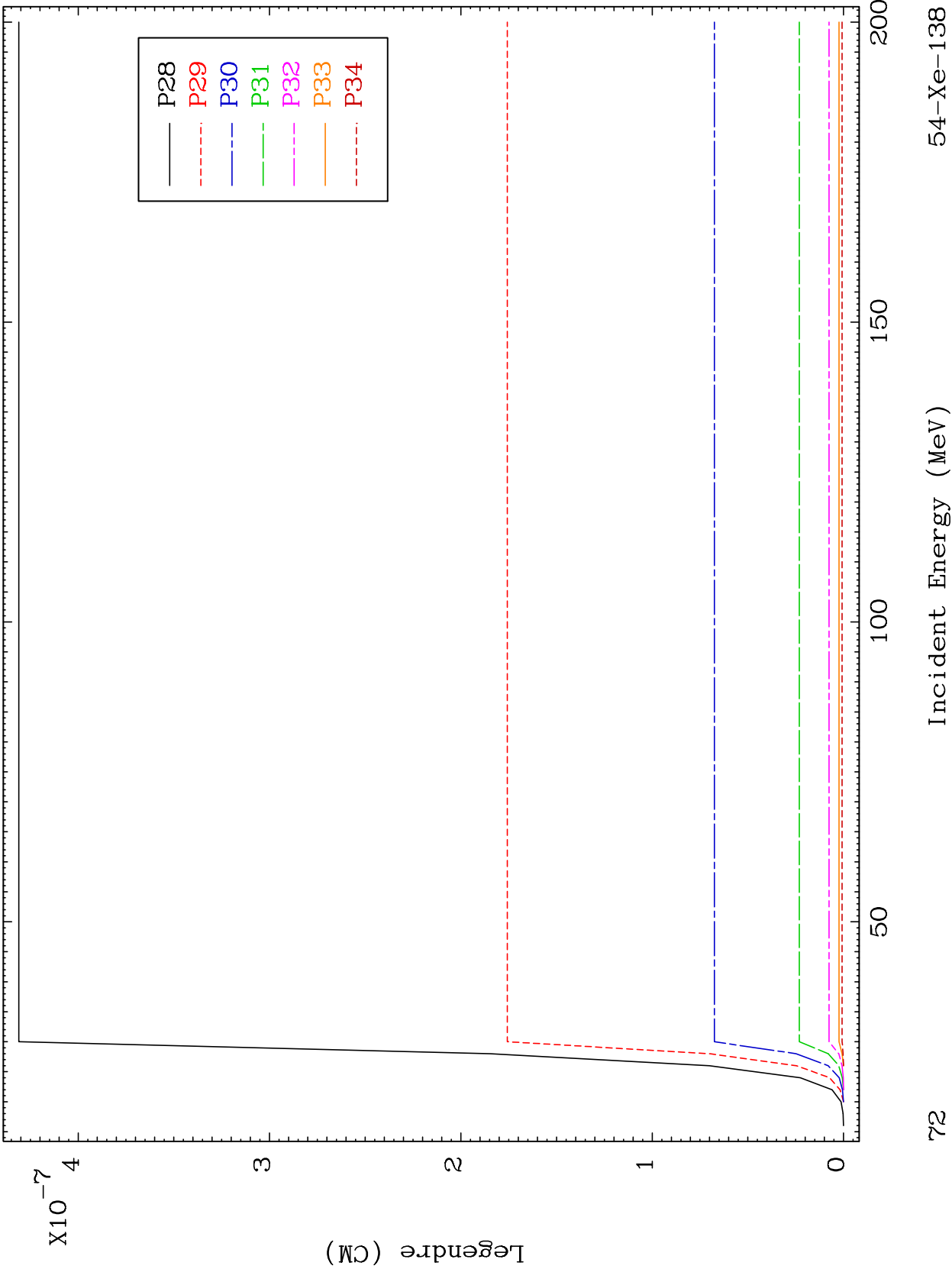




MAT 5467

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

54-Xe-138



72

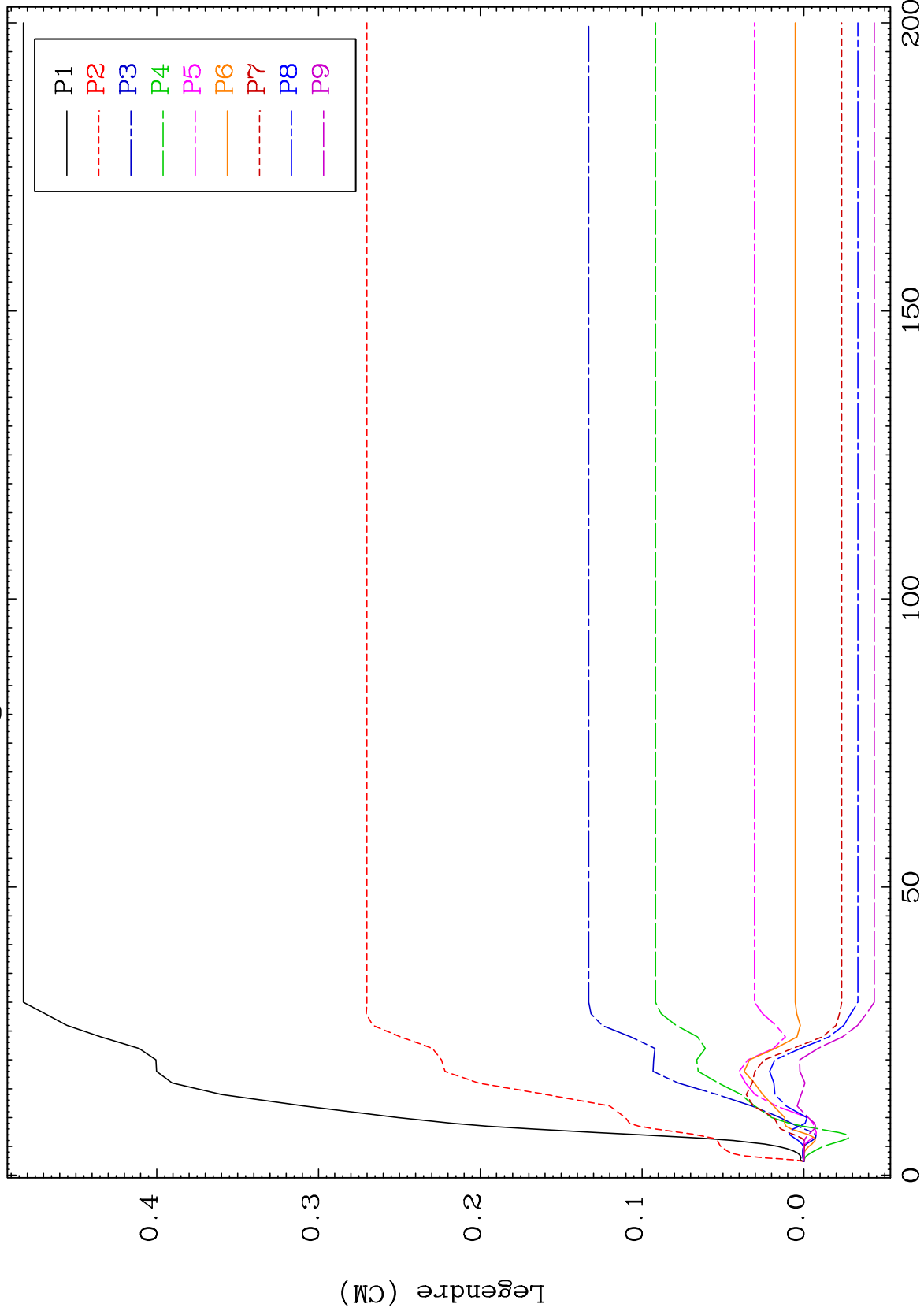
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



73

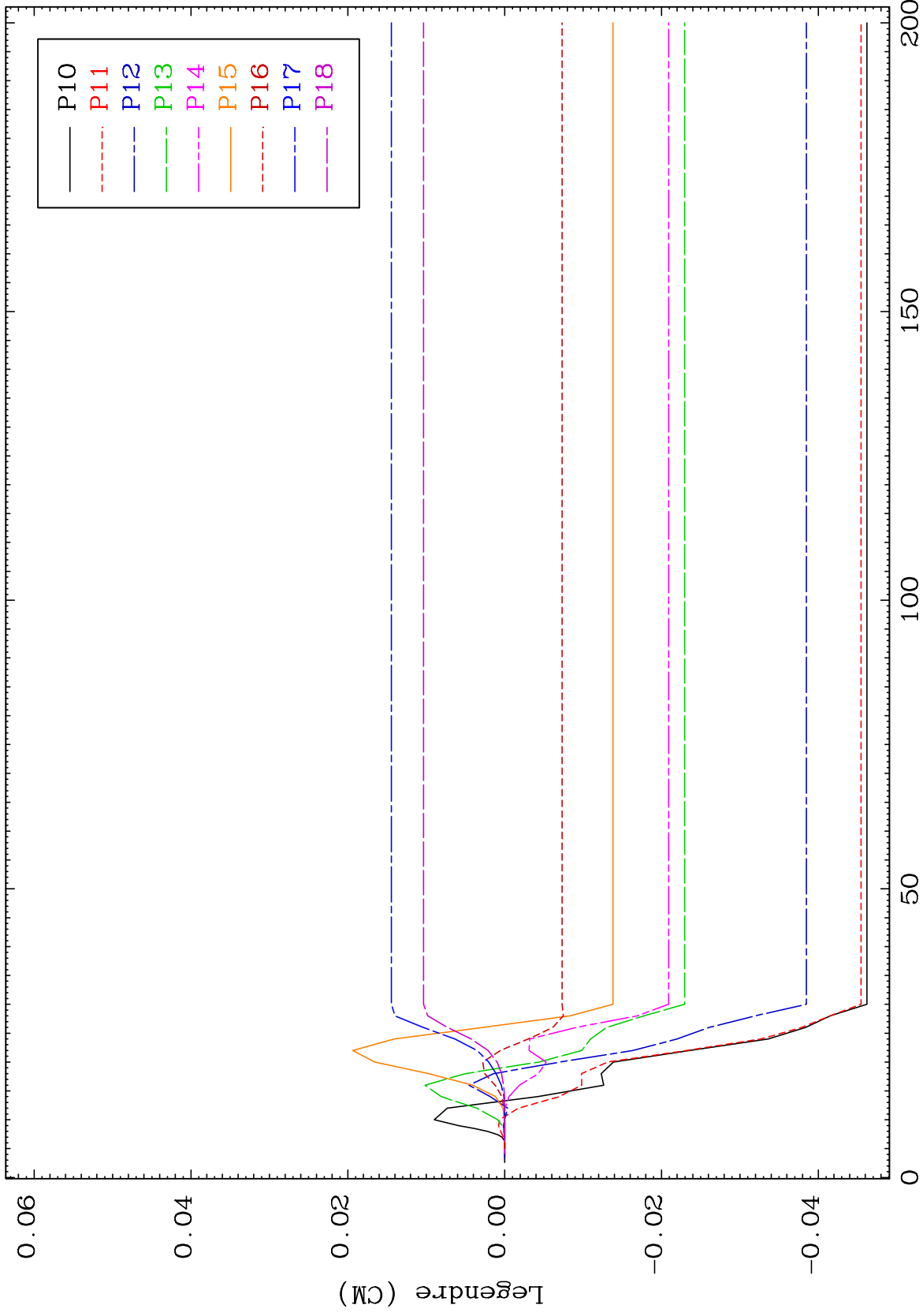
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



74

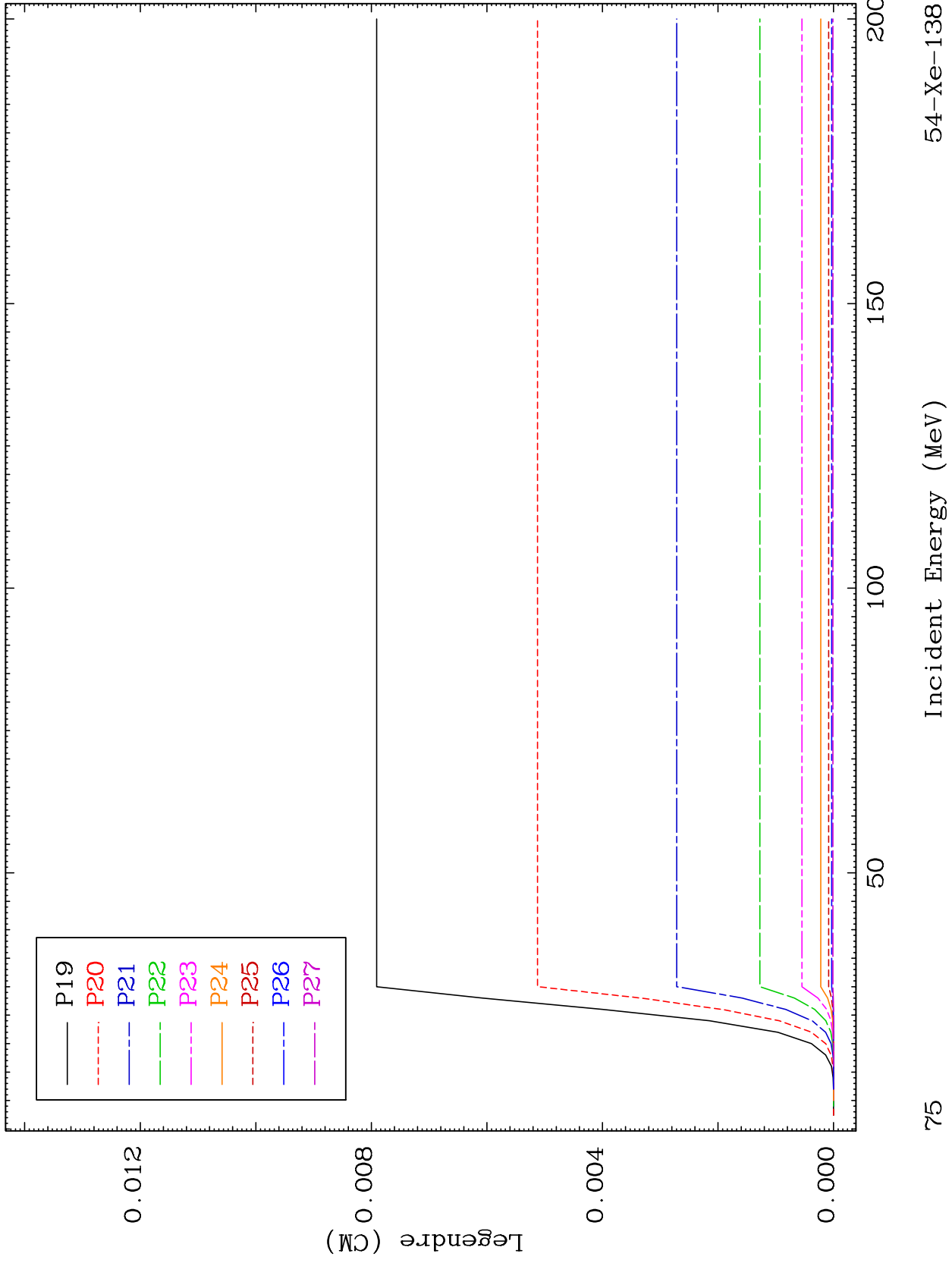
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



75

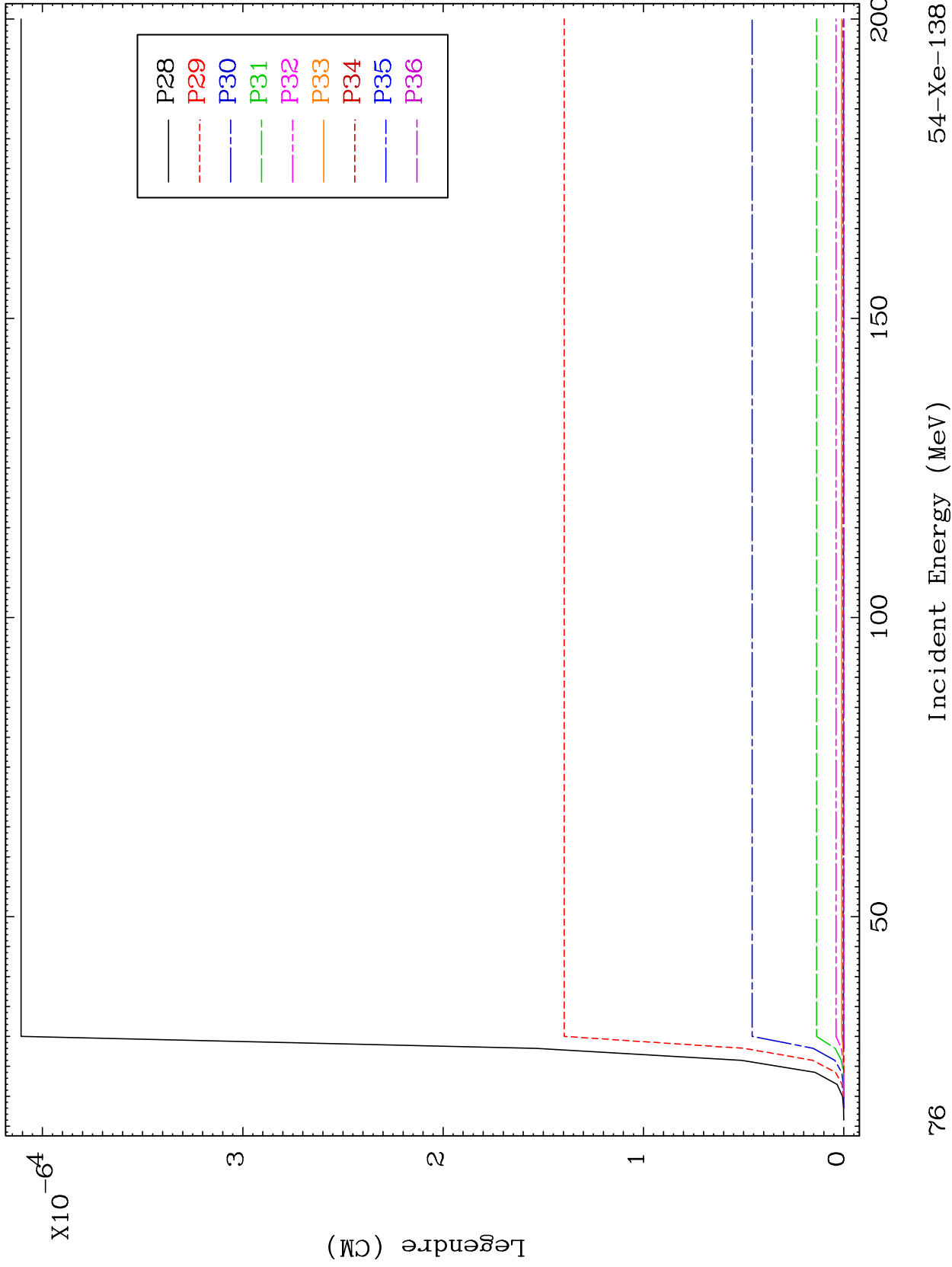
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

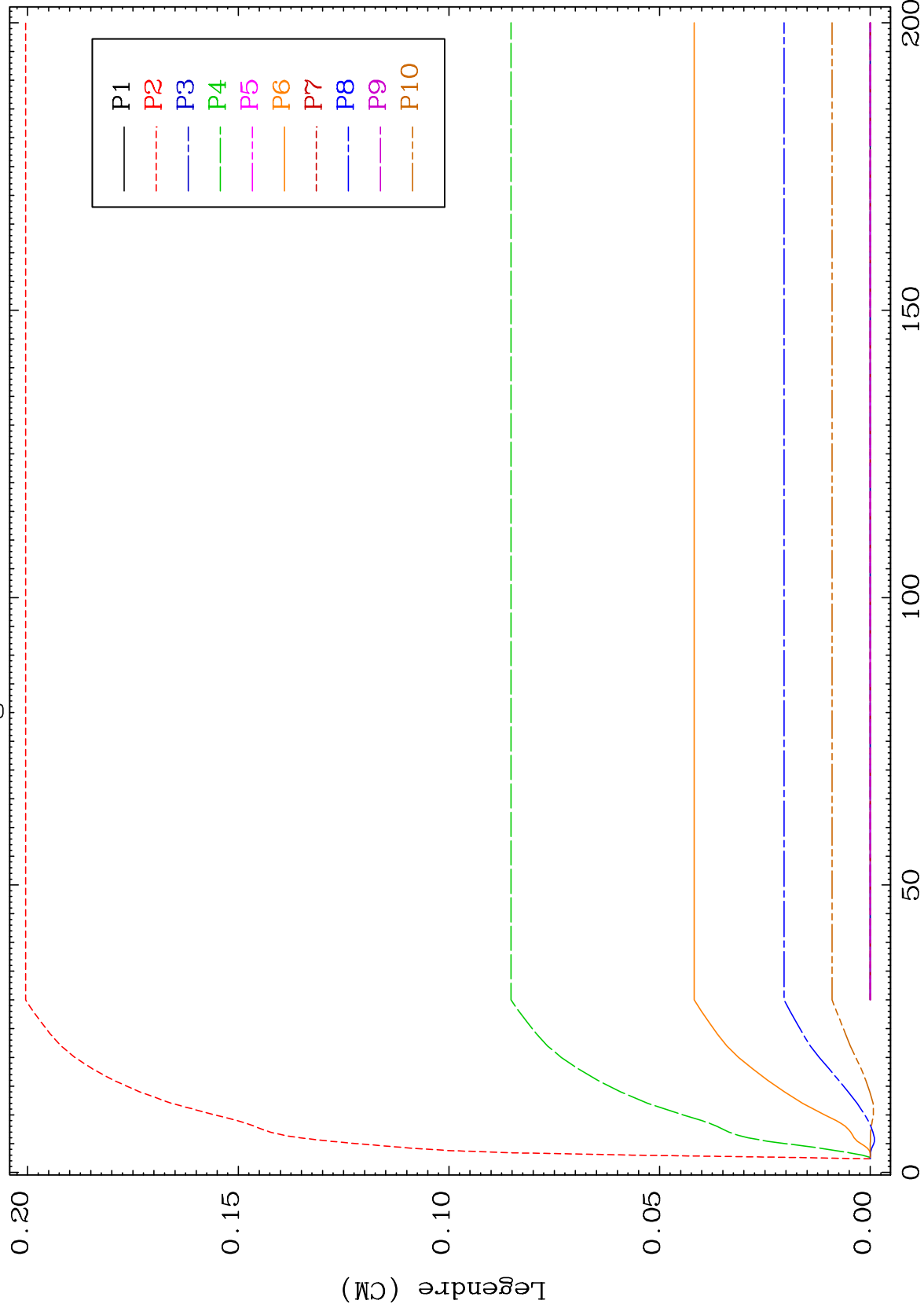
54-Xe-138



MAT 5467

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

54-Xe-138



77

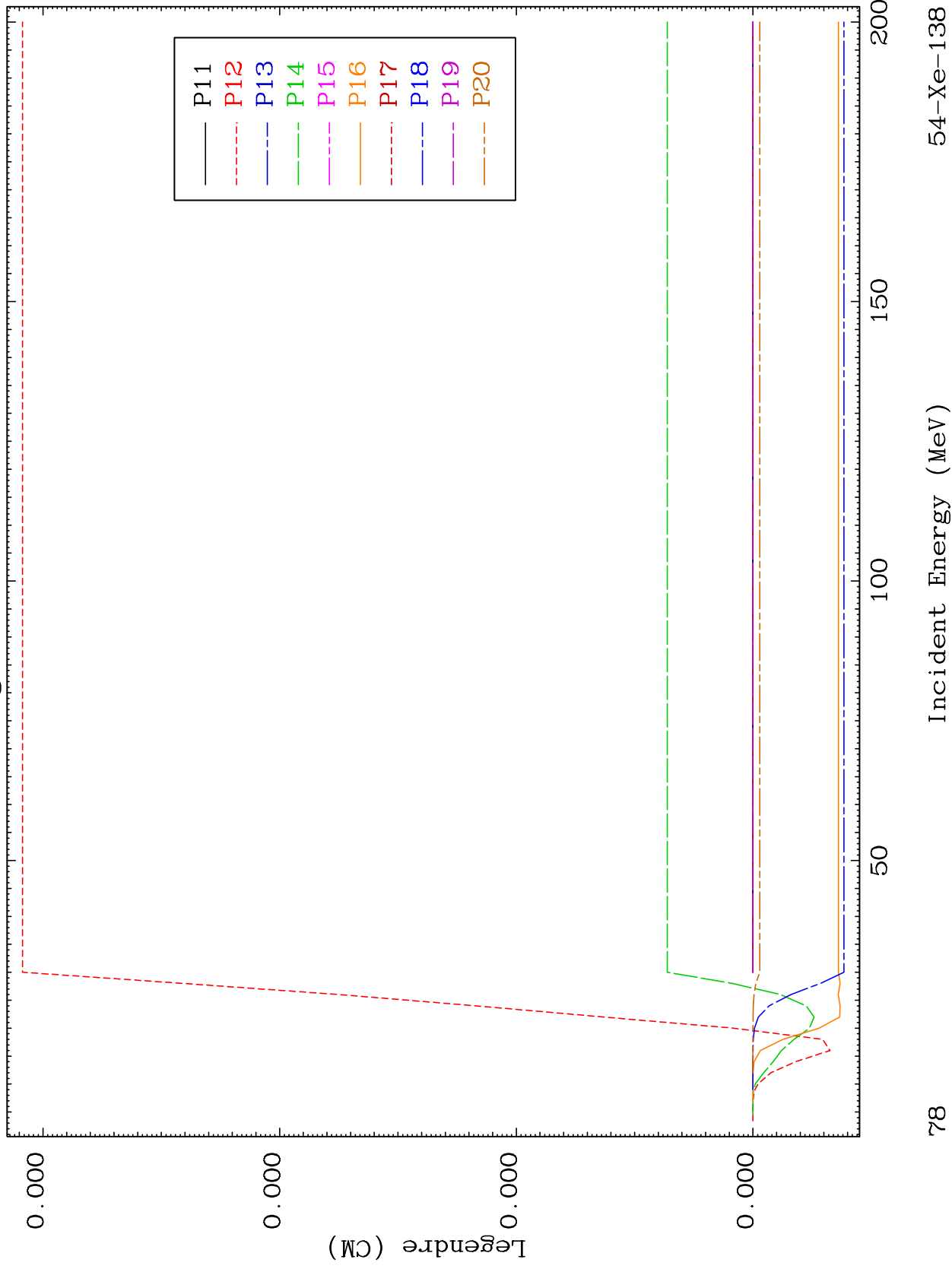
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

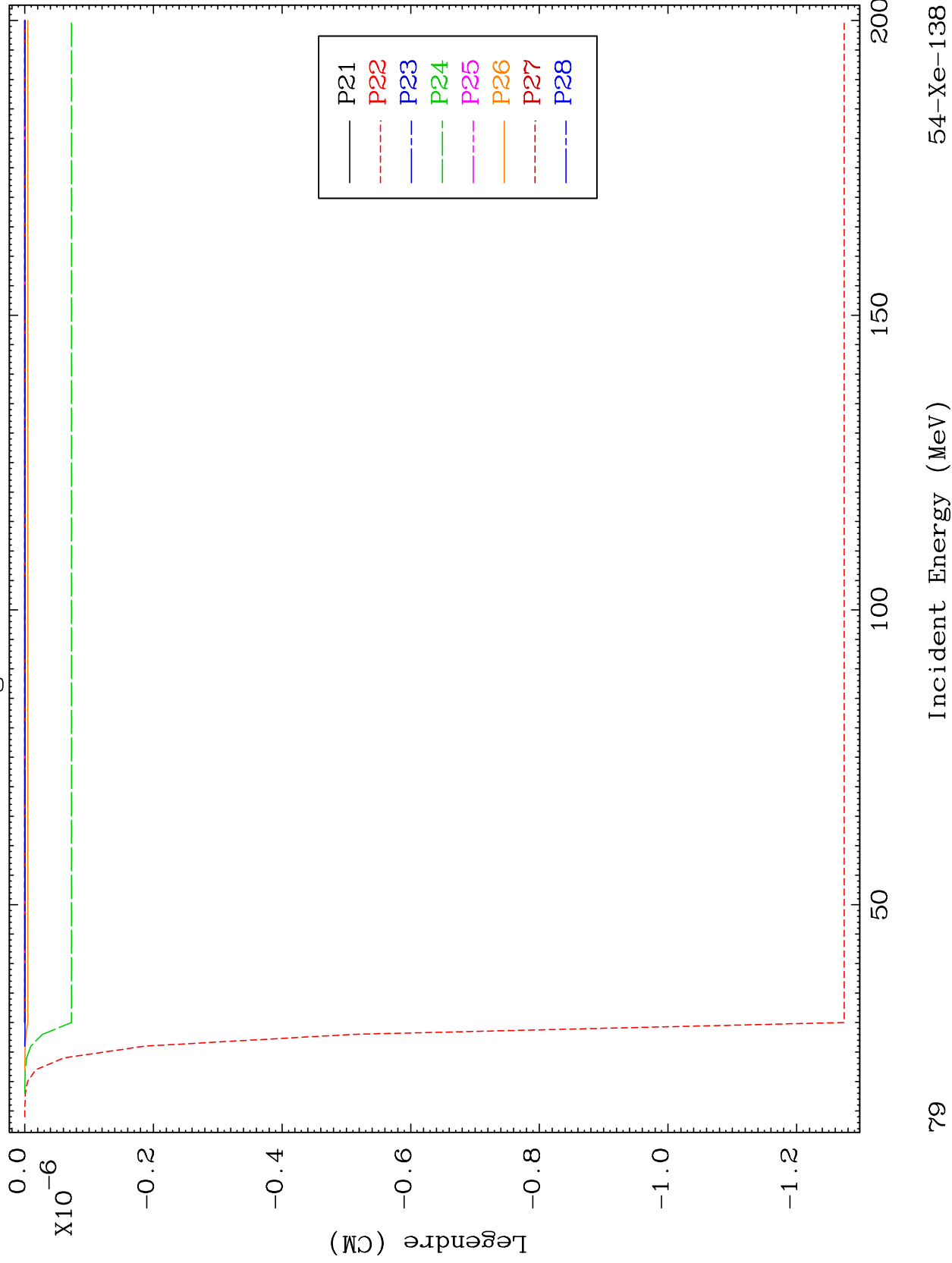
54-Xe-138



MAT 5467

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

54-Xe-138



79

Incident Energy (MeV)

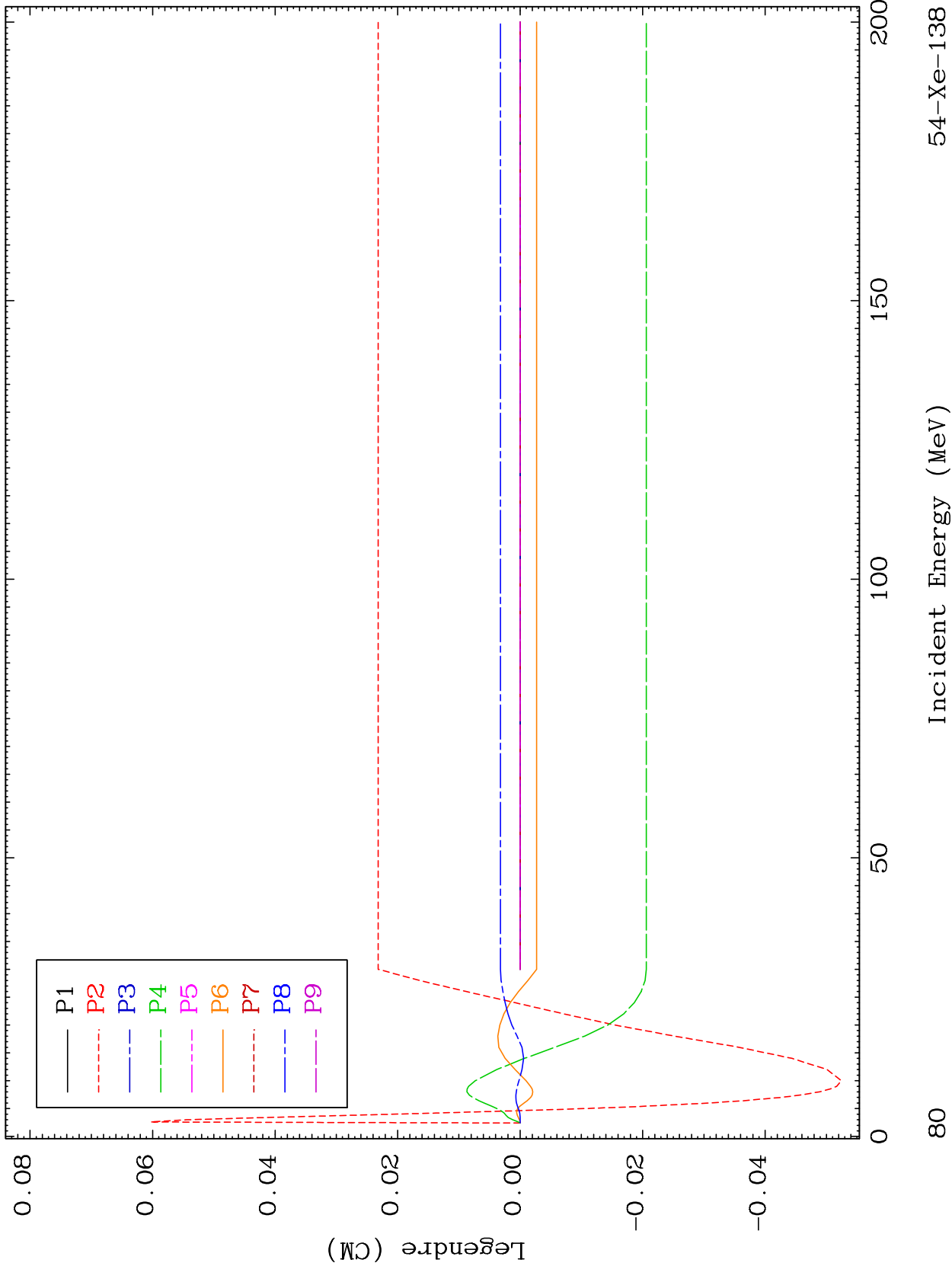
54-Xe-138



MAT 5467

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

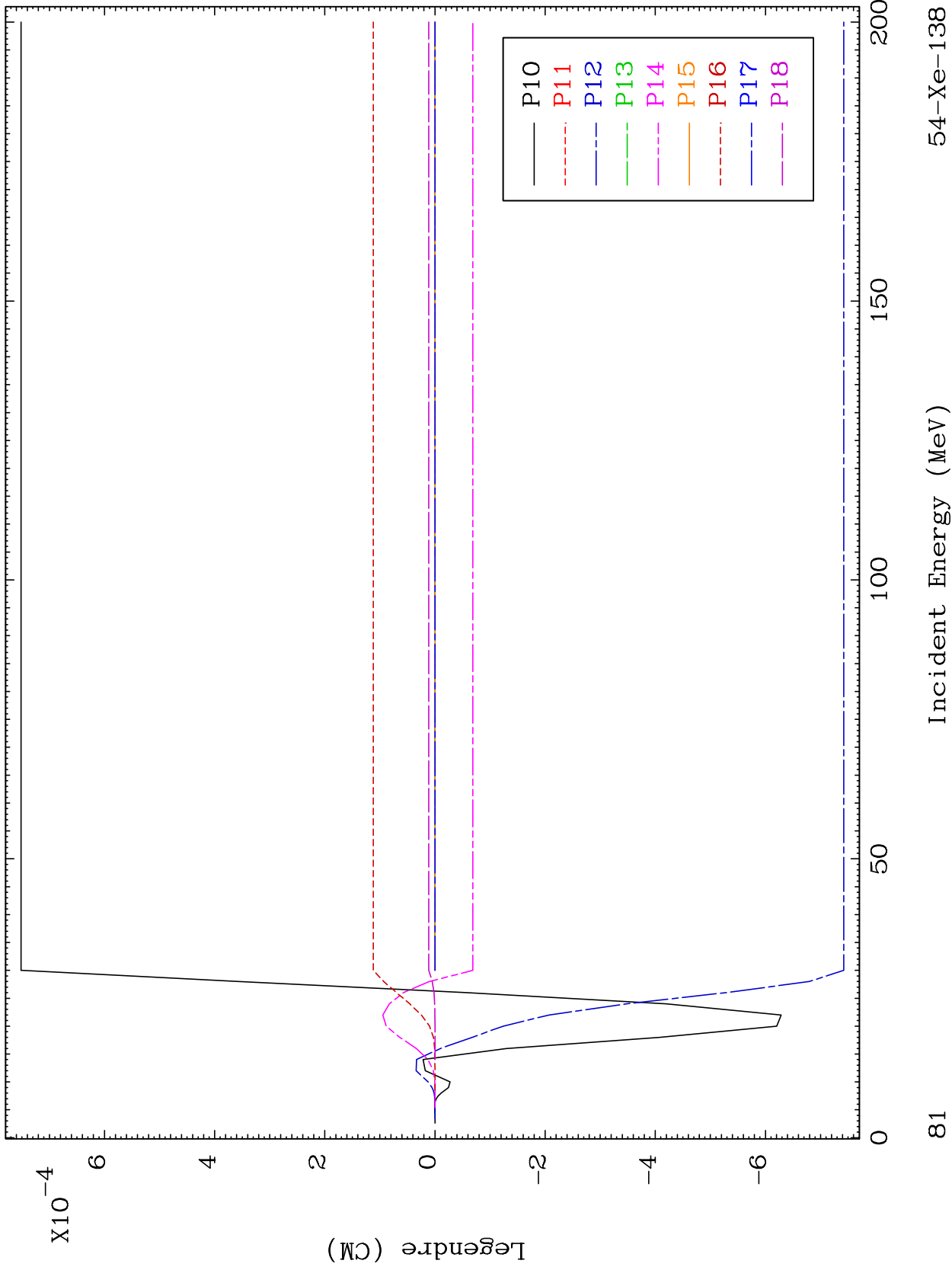
54-Xe-138



MAT 5467

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

54-Xe-138



81

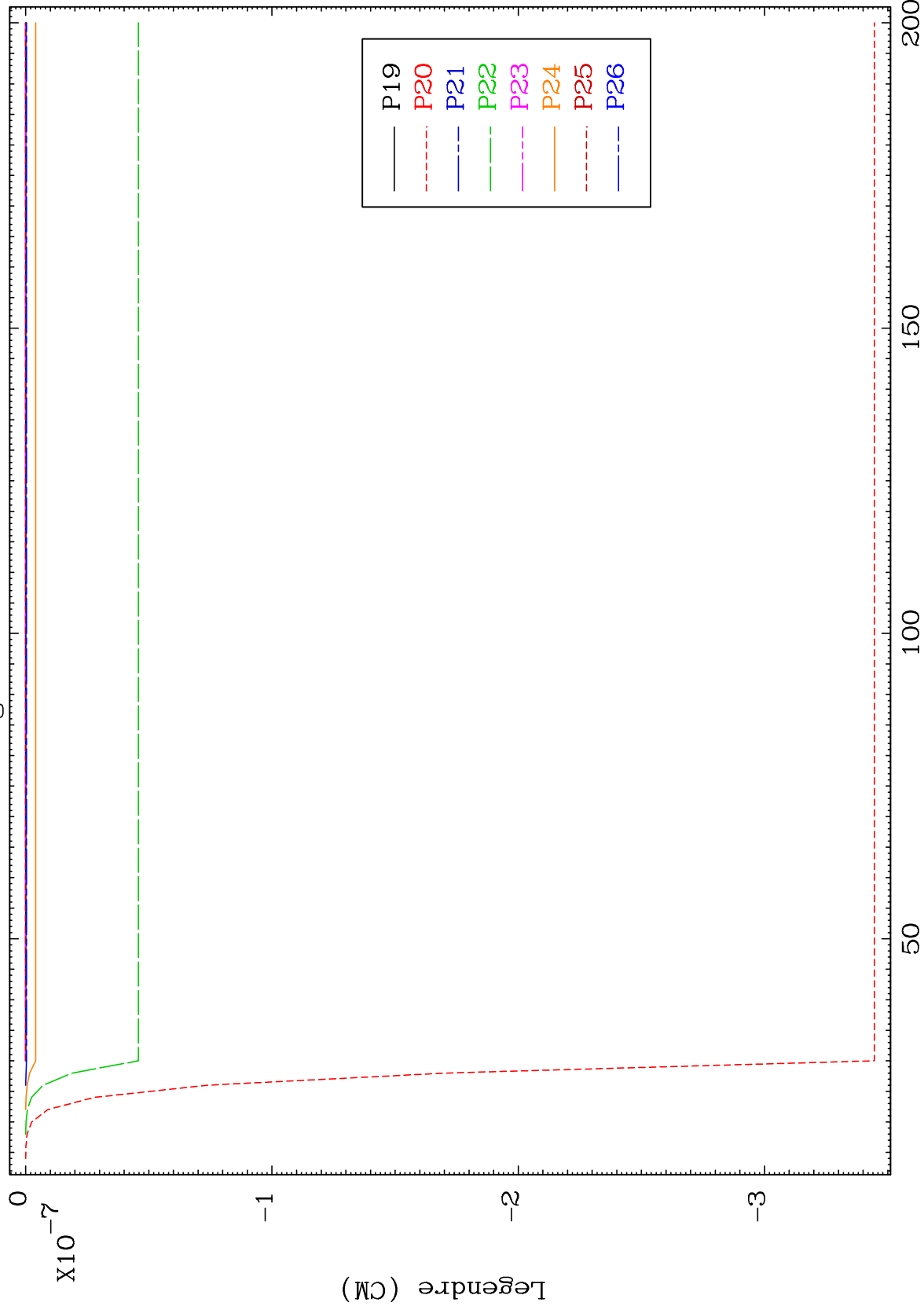
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

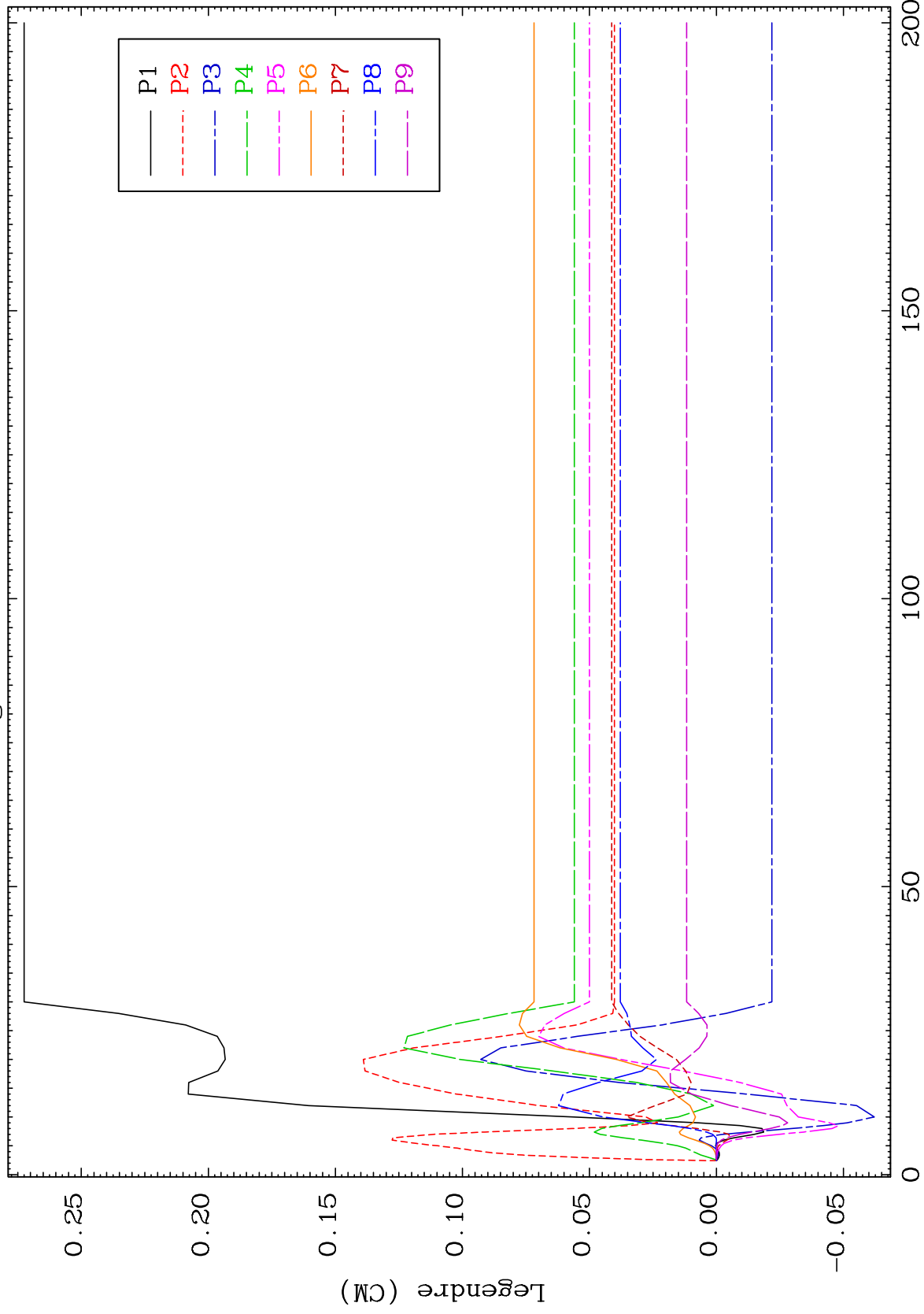
Incident Energy (MeV)

82

MAT 5467

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

54-Xe-138



83

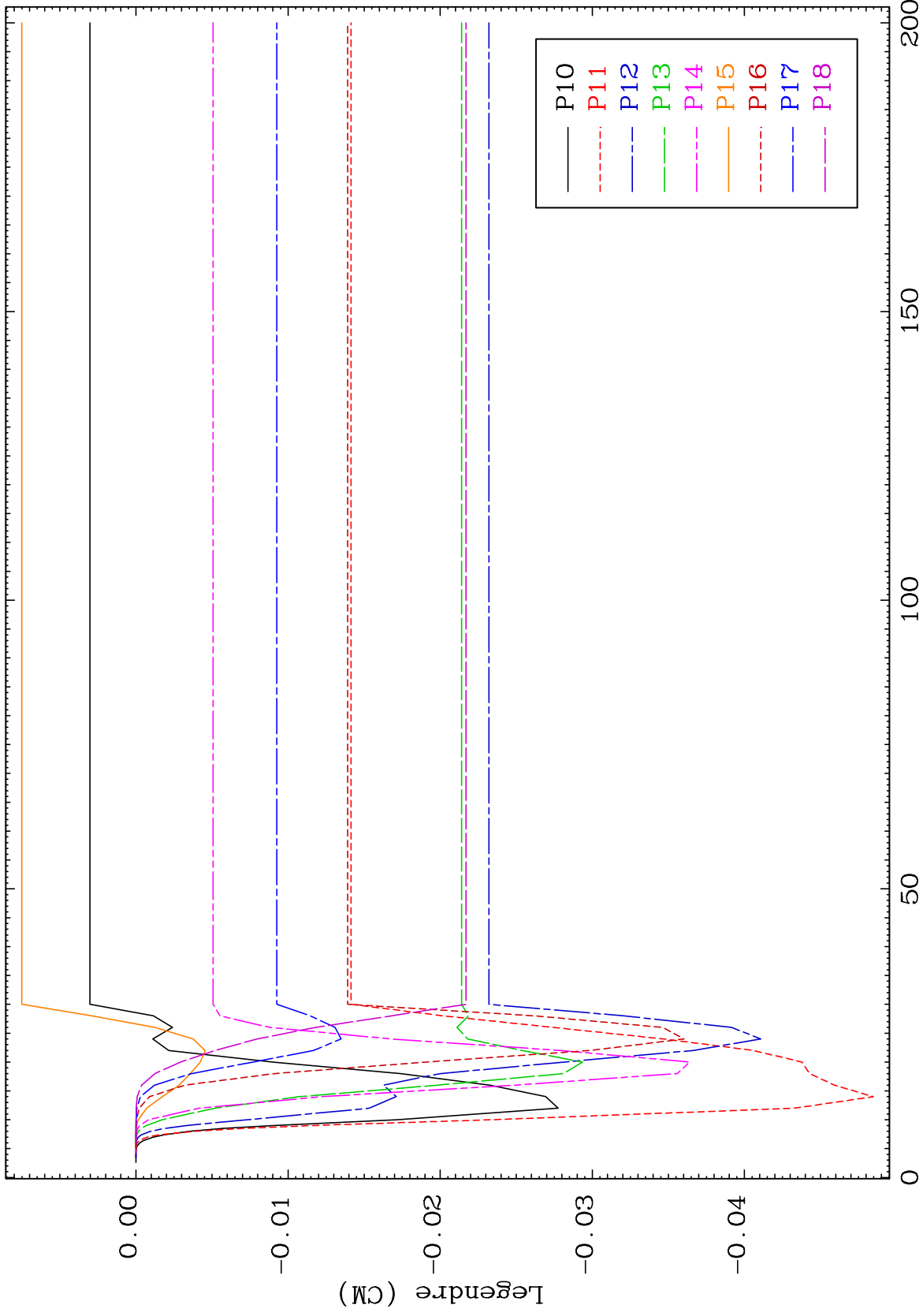
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

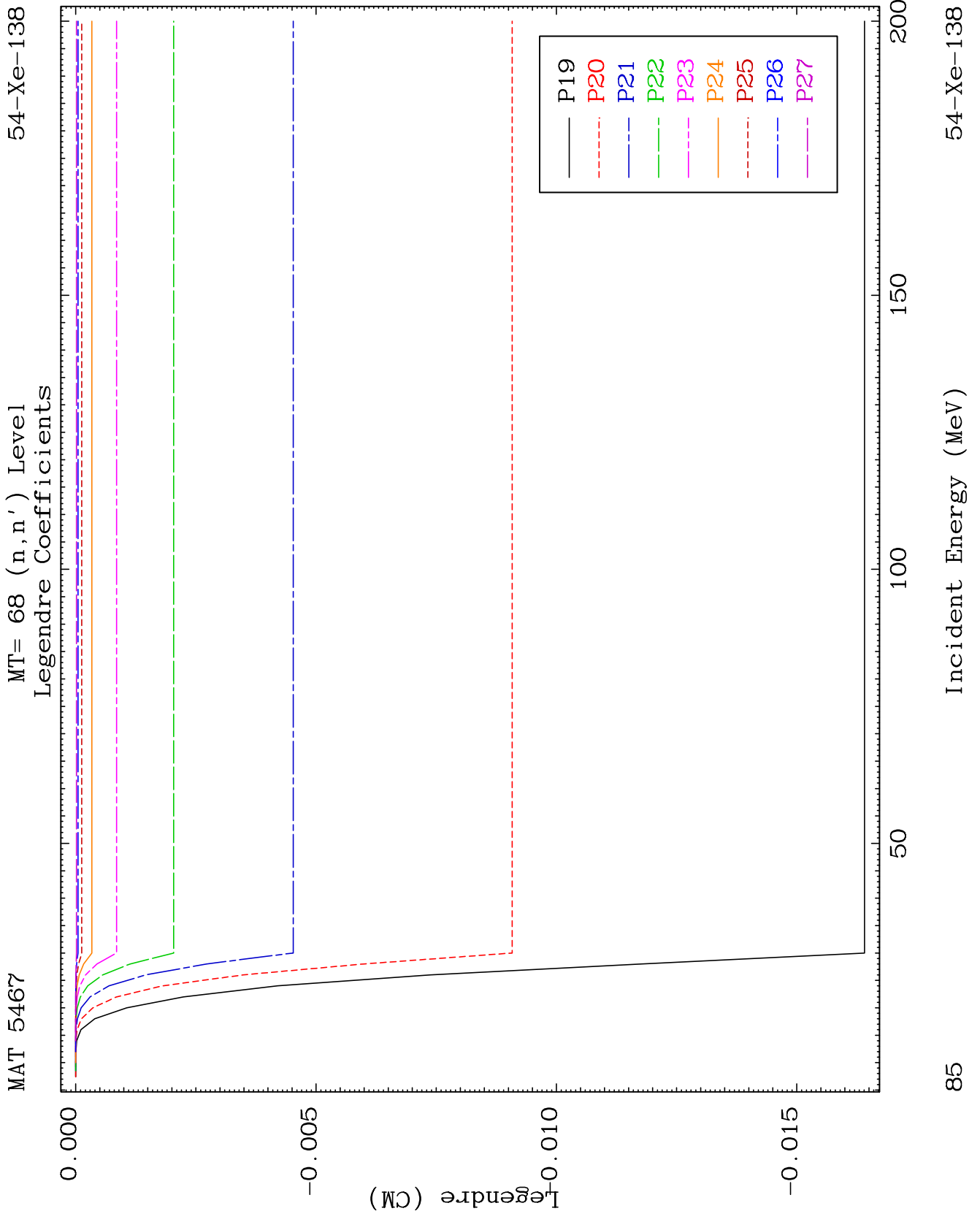
54-Xe-138



84

Incident Energy (MeV)

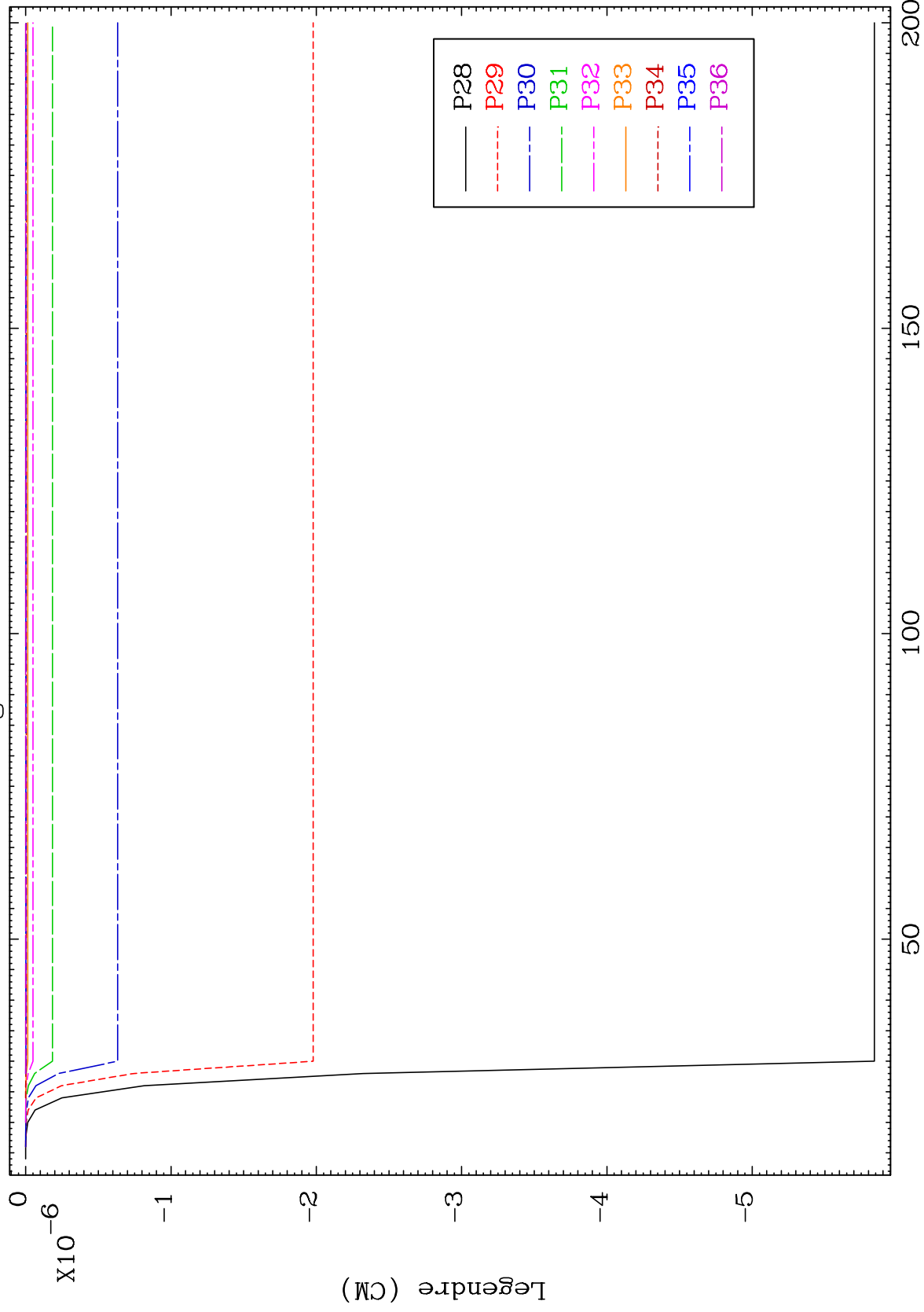
54-Xe-138



MAT 5467

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

54-Xe-138



86

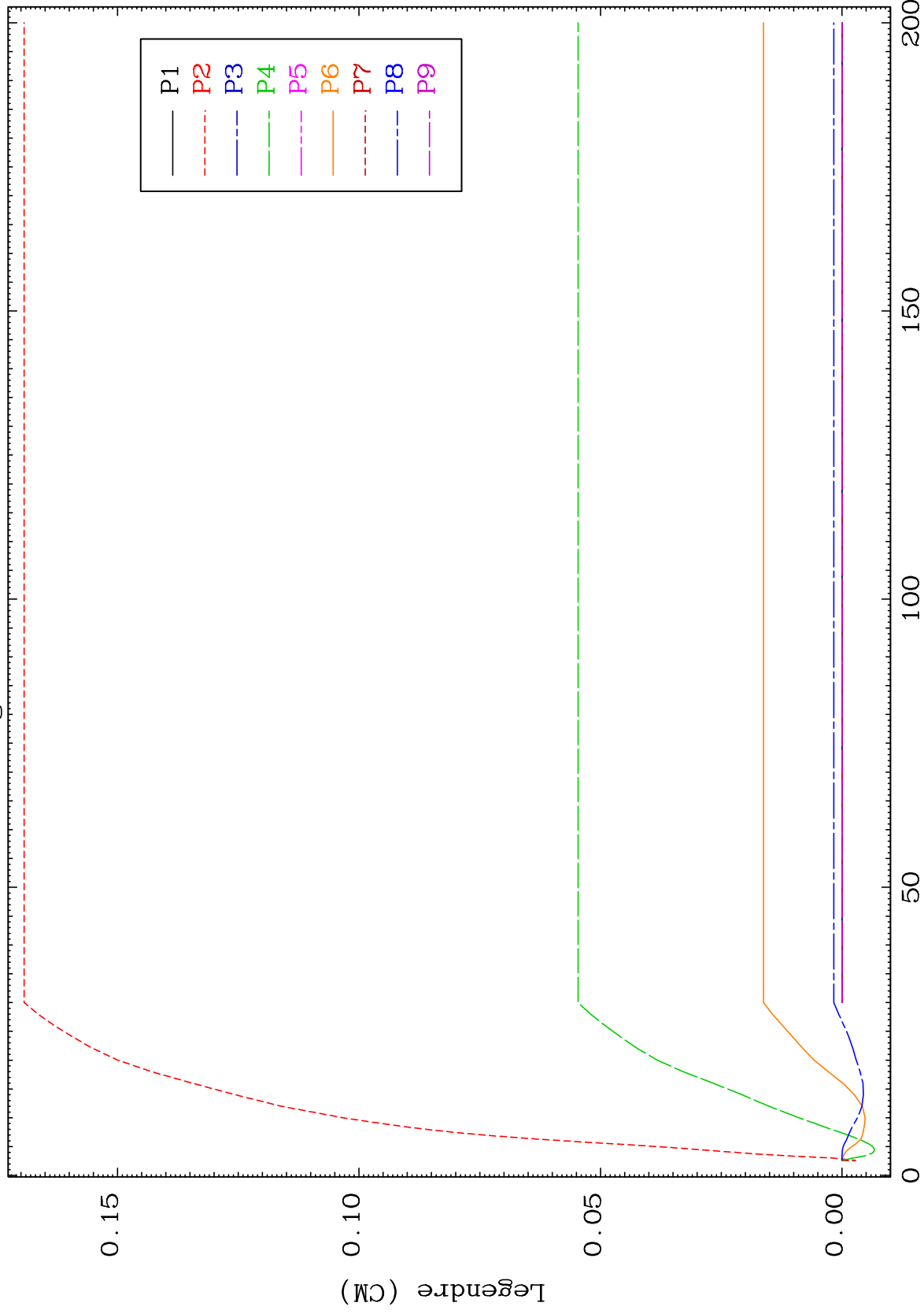
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138

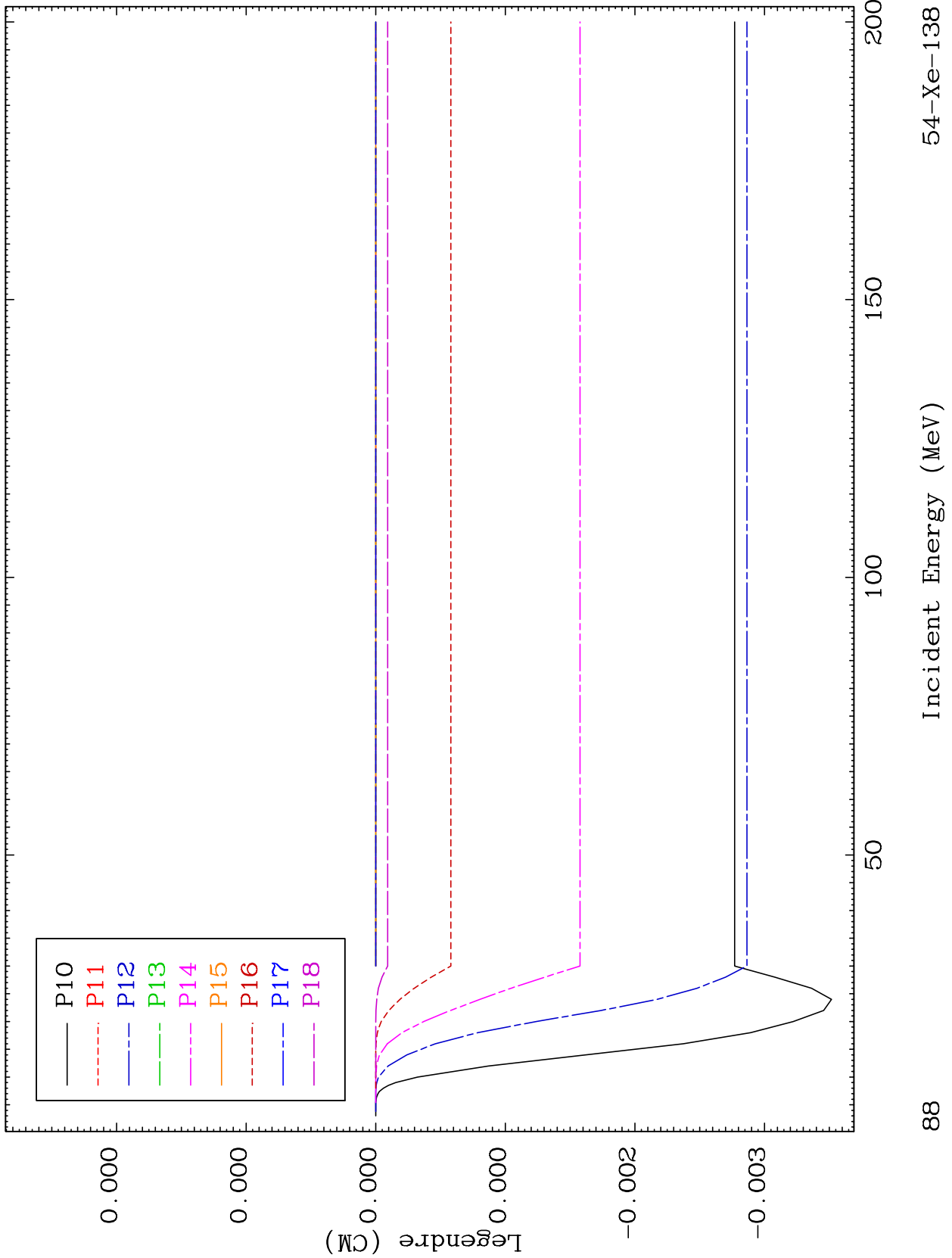


87

Incident Energy (MeV)

54-Xe-138

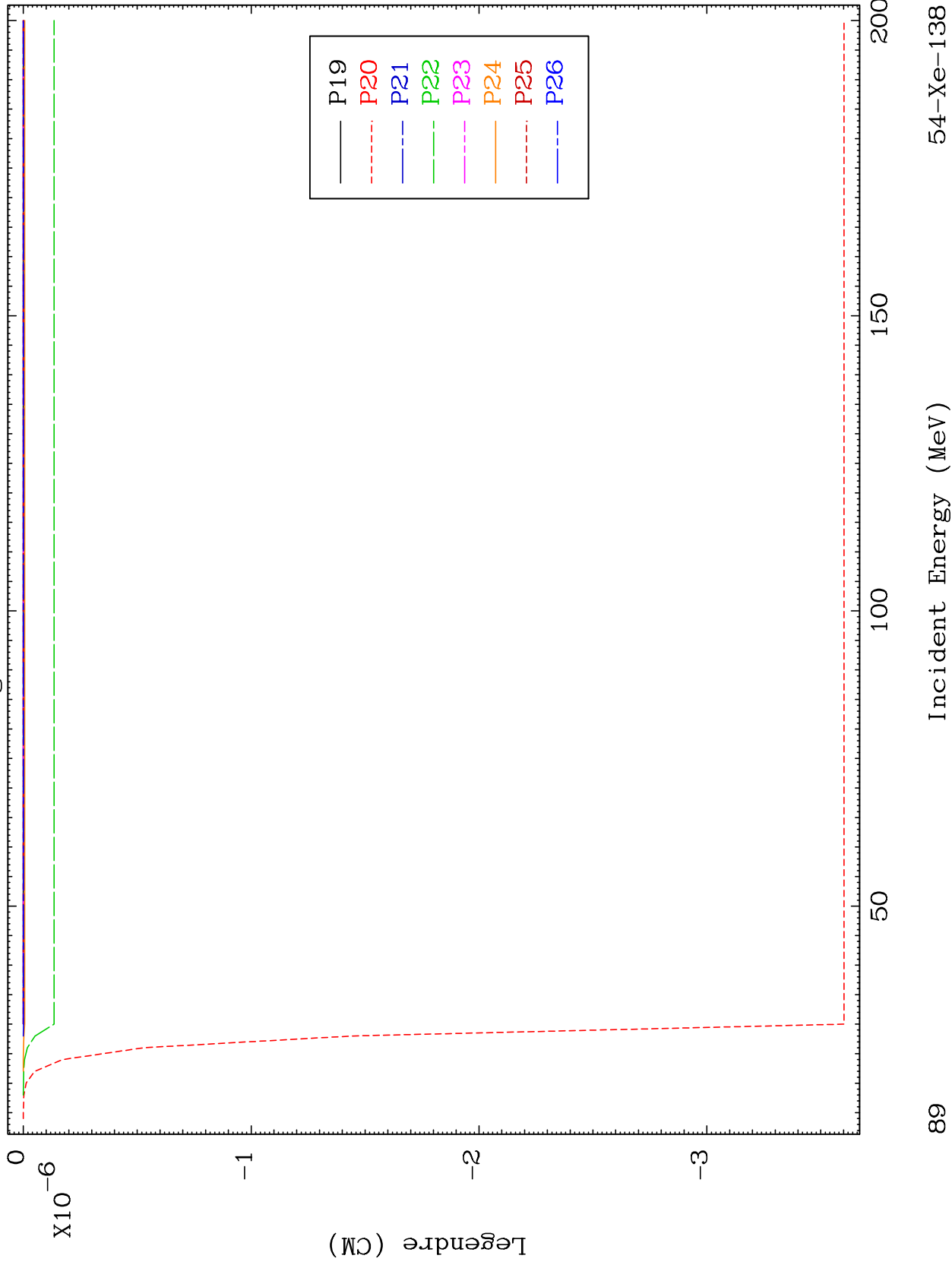




MAT 5467

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

54-Xe-138

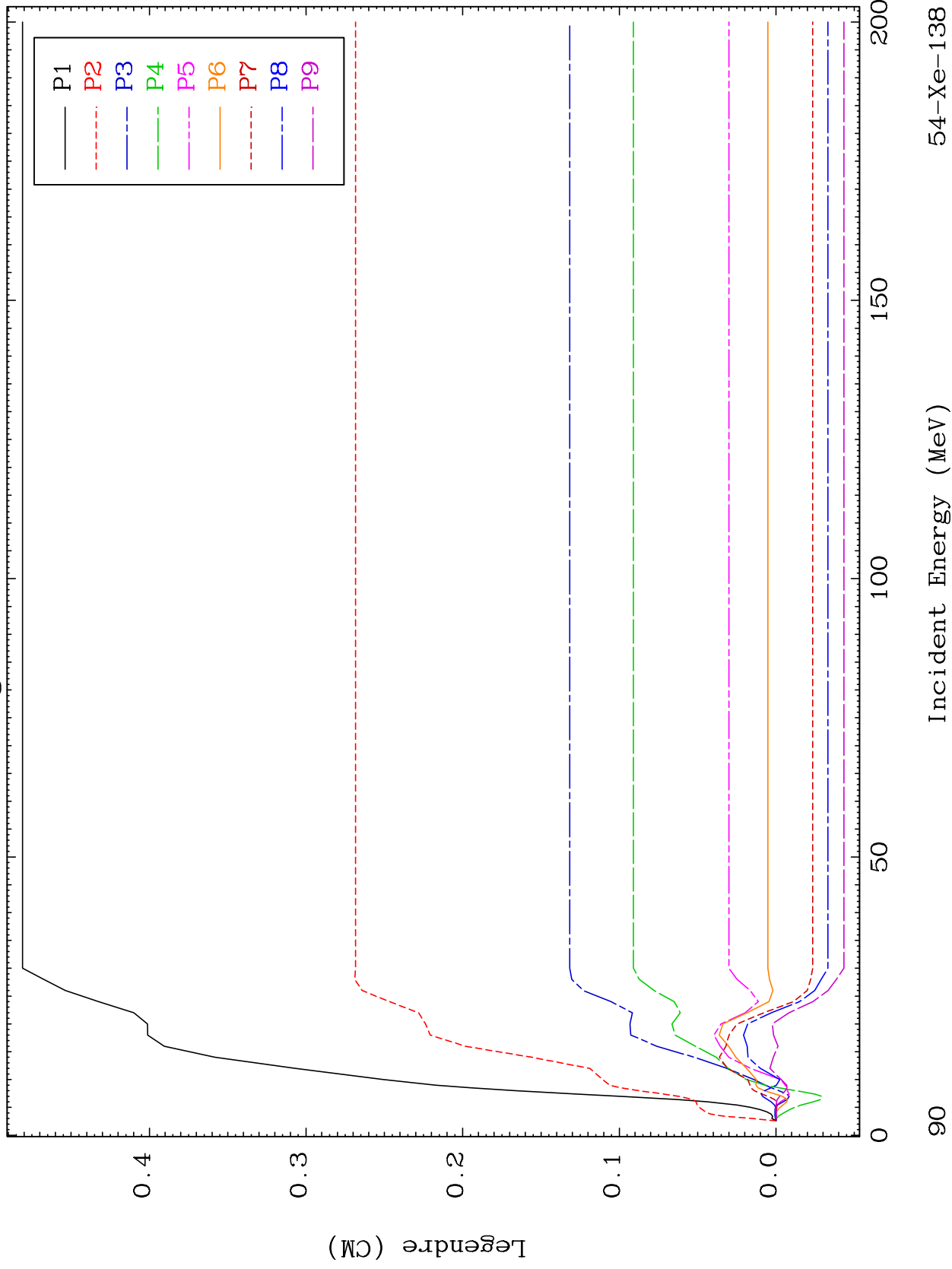


89

MAT 5467

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

54-Xe-138



54-Xe-138

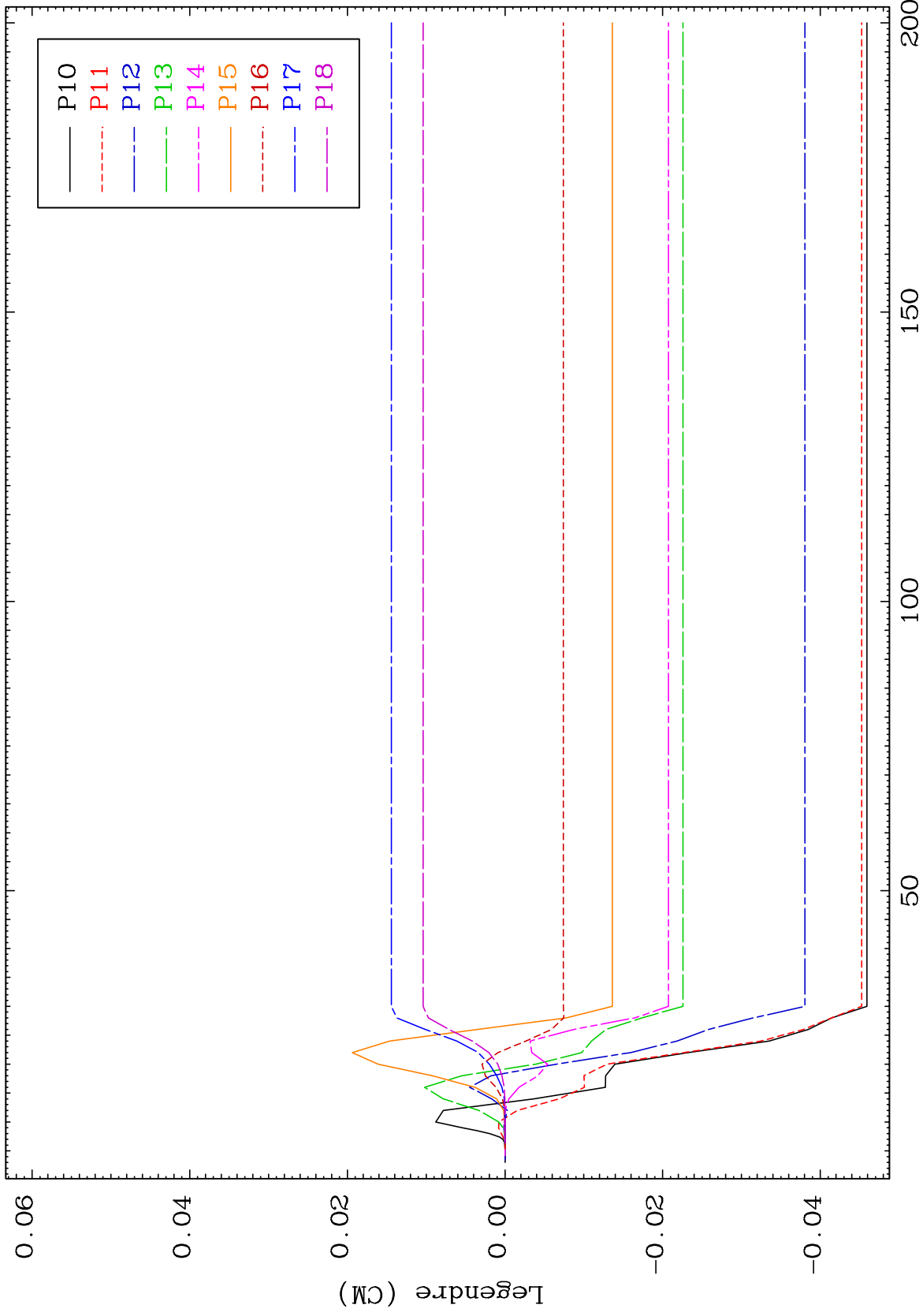
Incident Energy (MeV)

90

MAT 5467

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

54-Xe-138



91

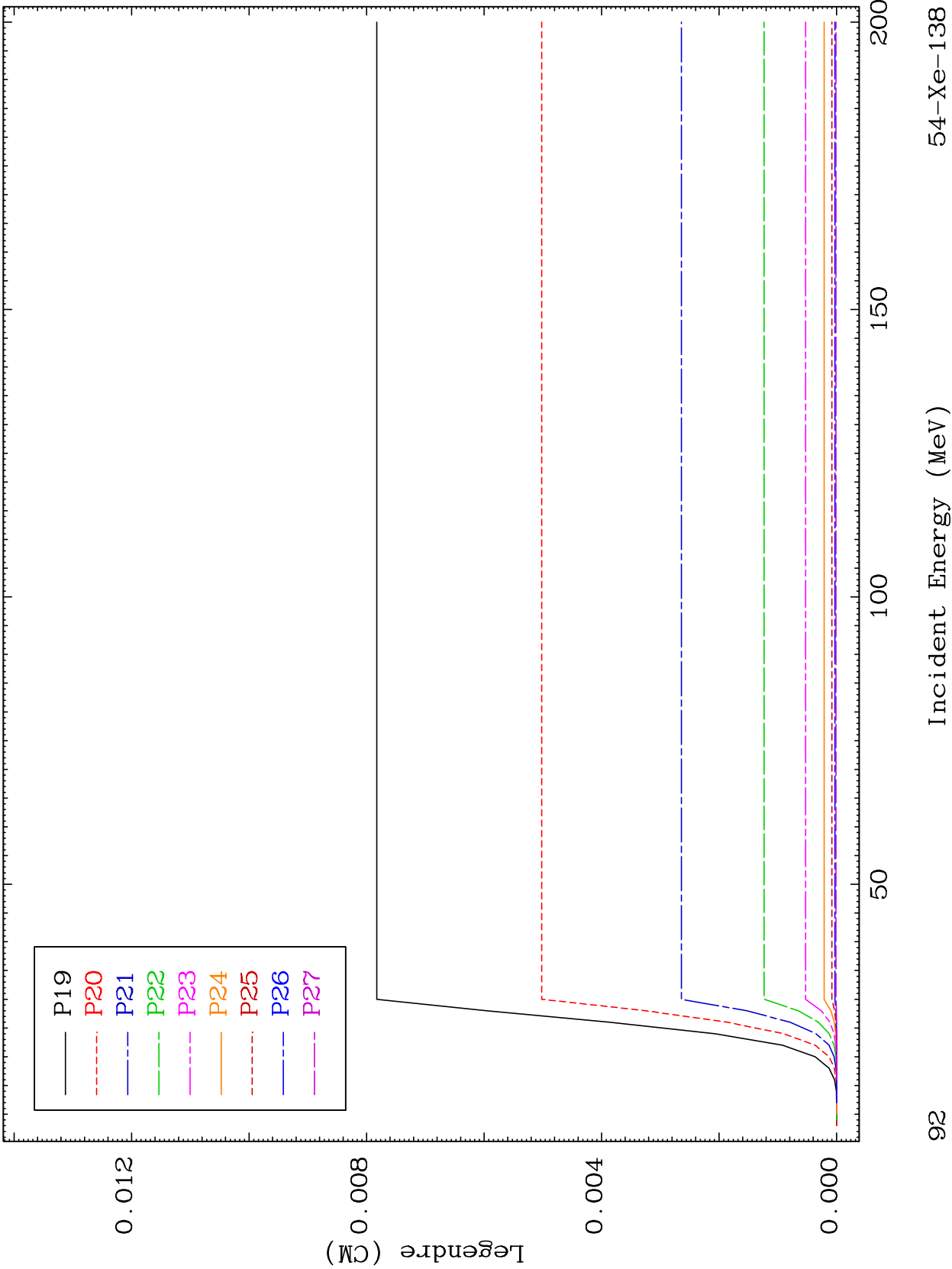
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



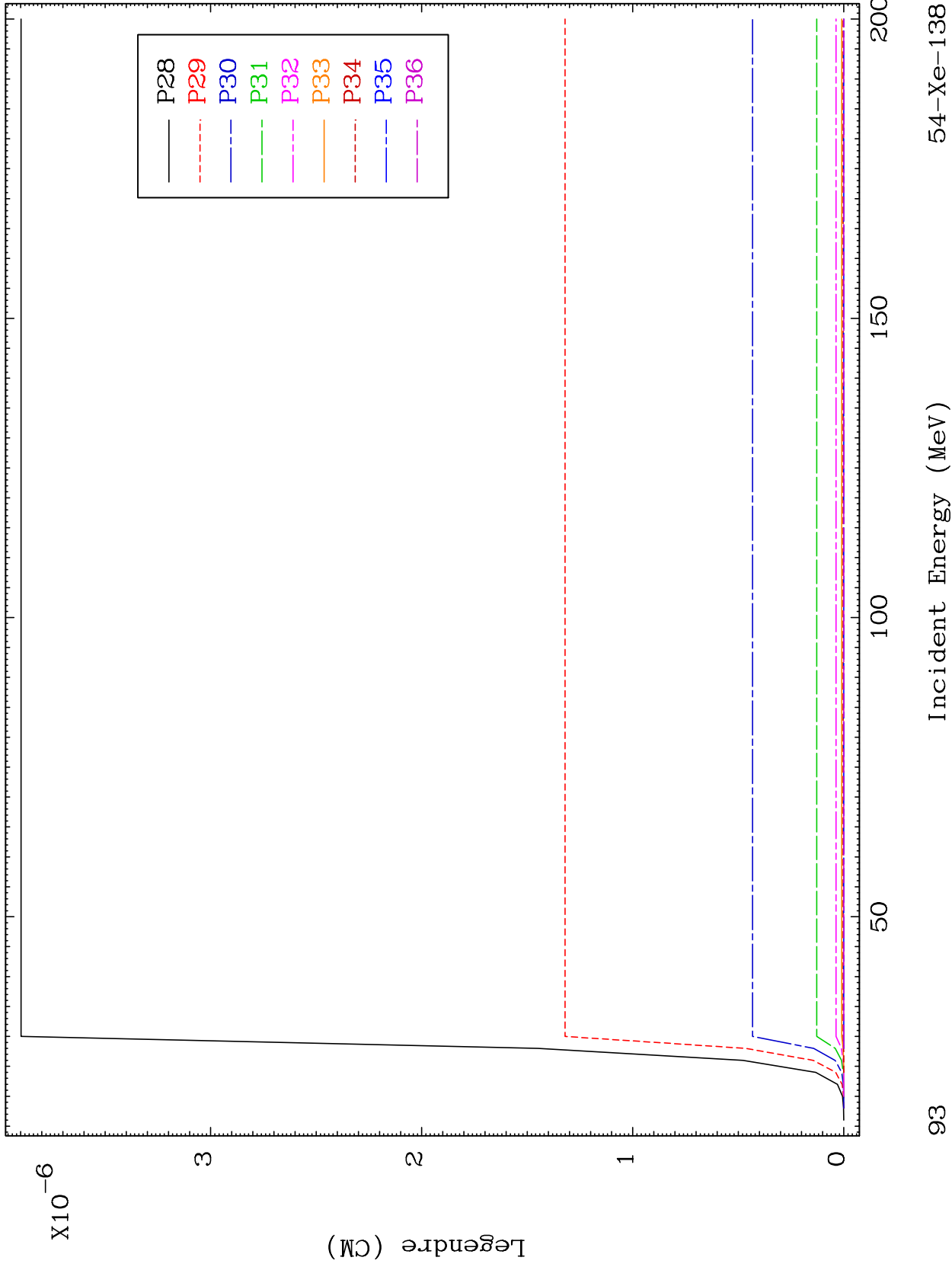
92

54-Xe-138

MAT 5467

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

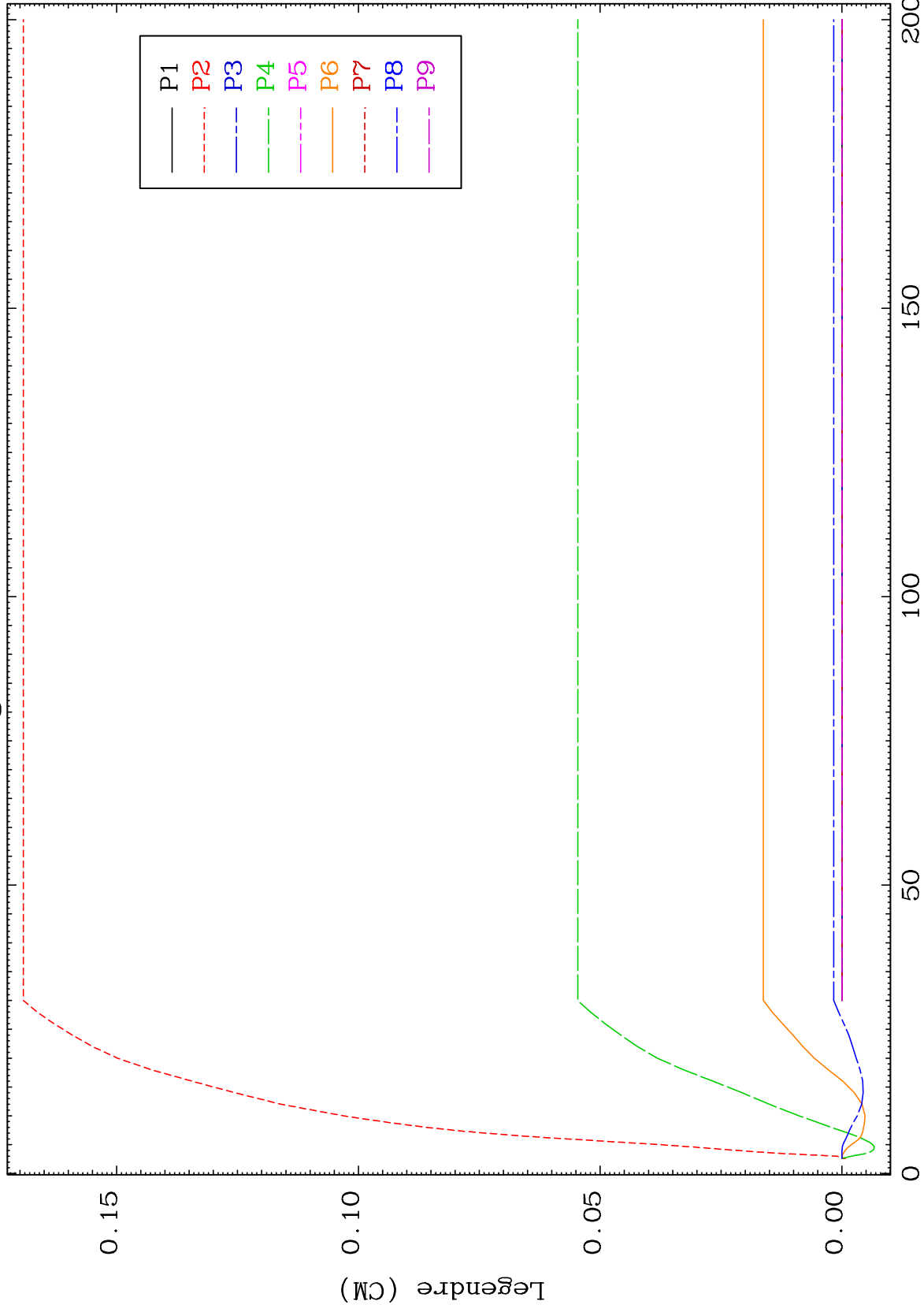
54-Xe-138



MAT 5467

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

54-Xe-138



94

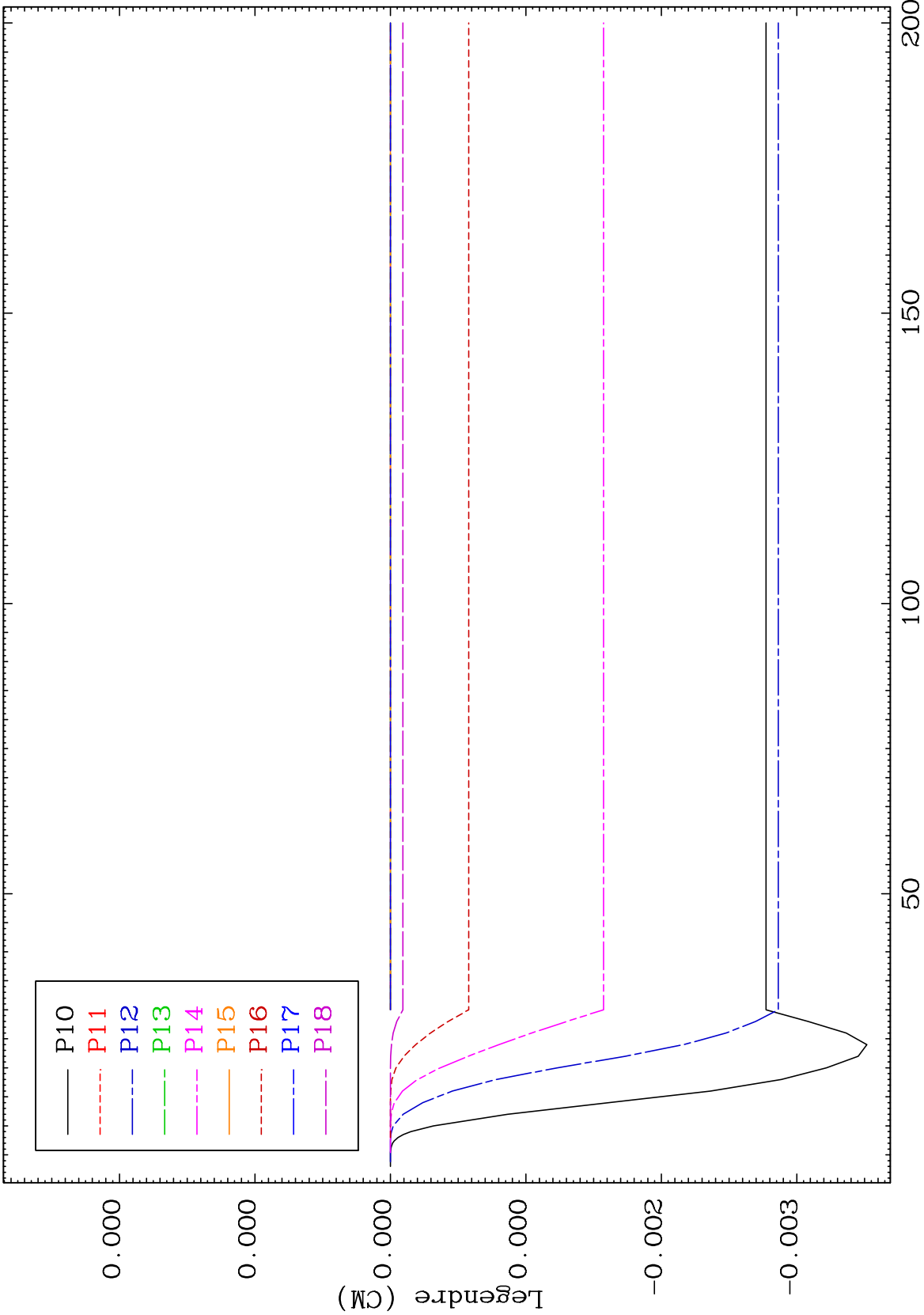
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138

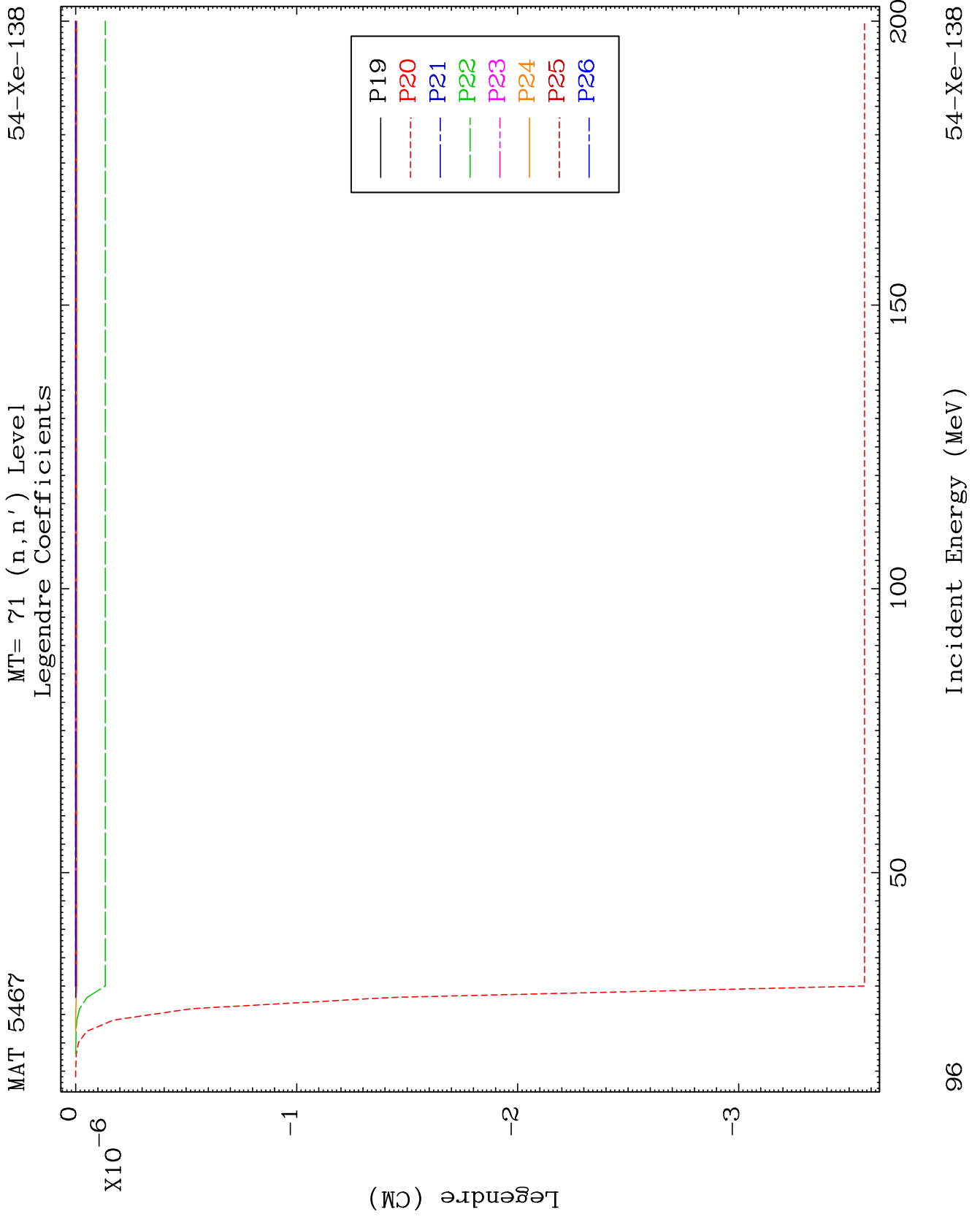


95

Incident Energy (MeV)

54-Xe-138

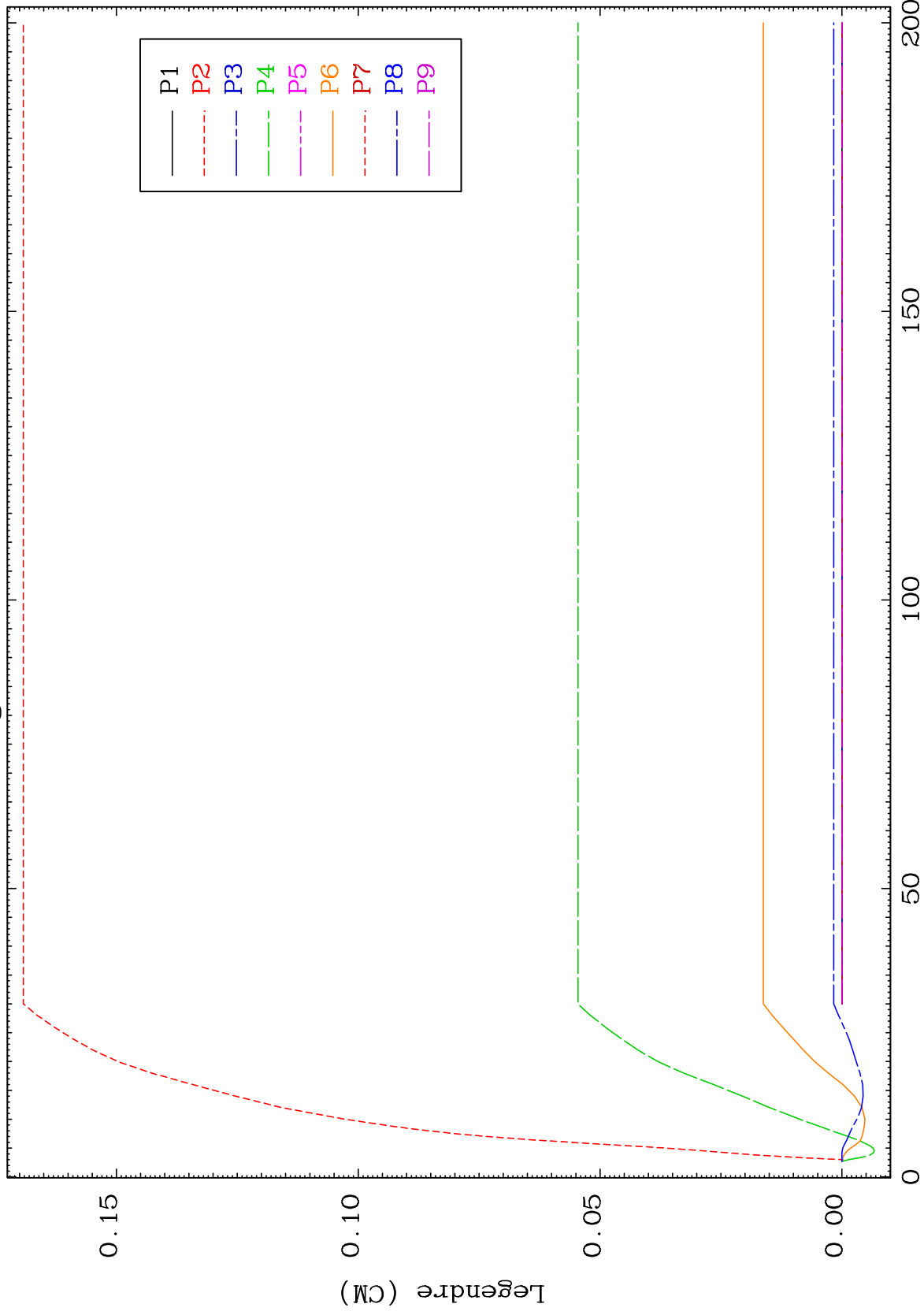




MAT 5467

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

54-Xe-138



97

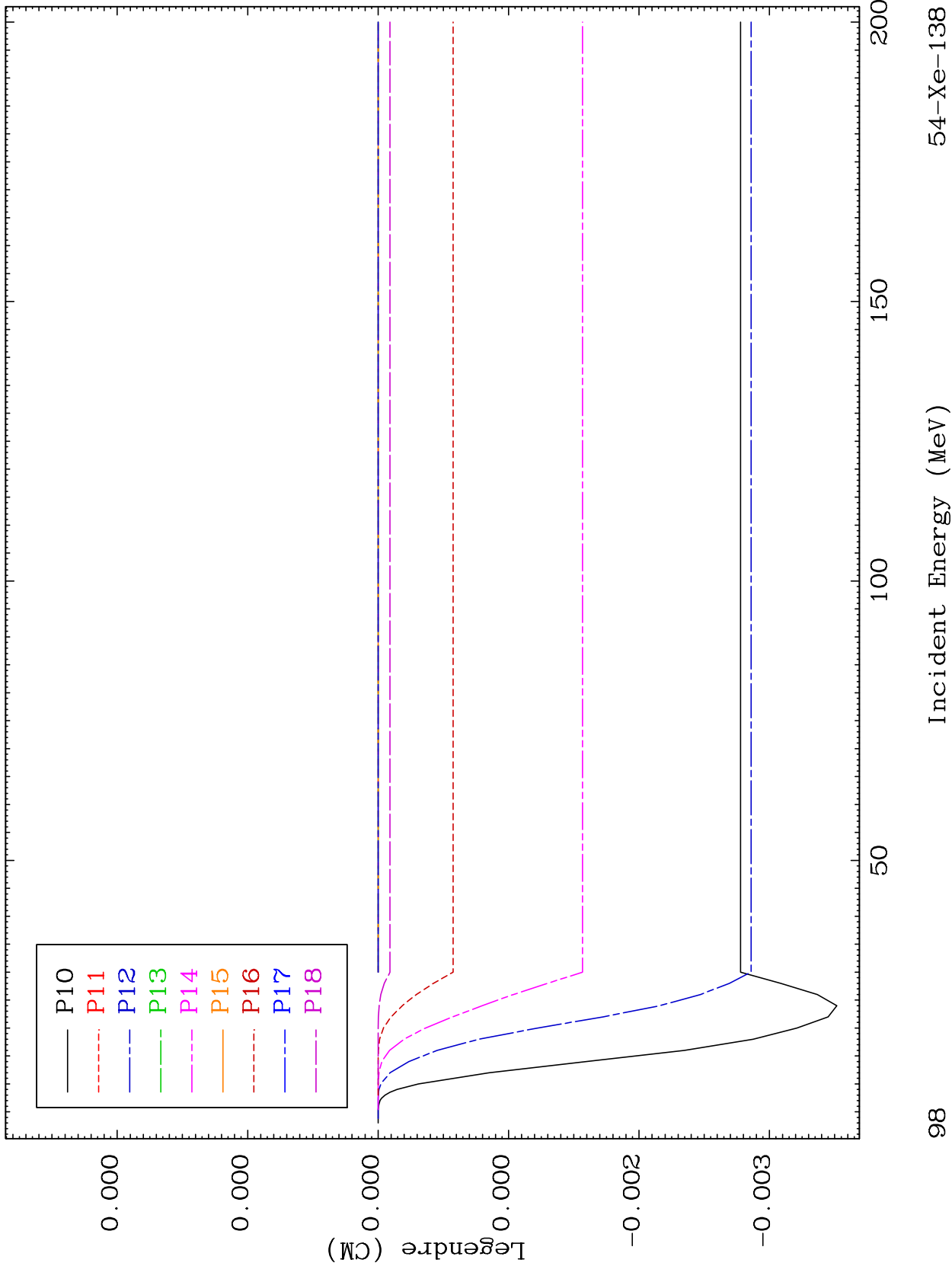
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



98

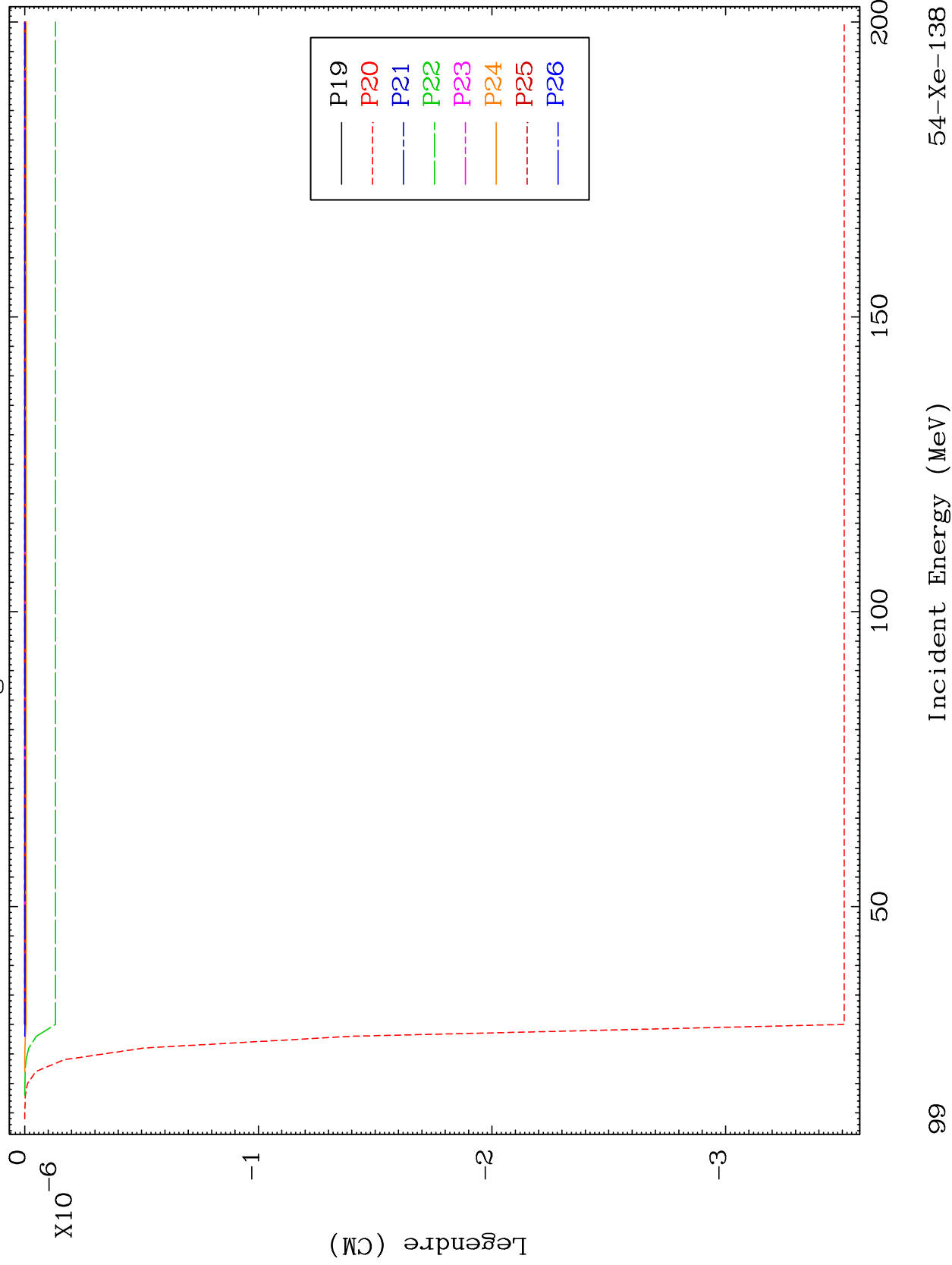
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



99

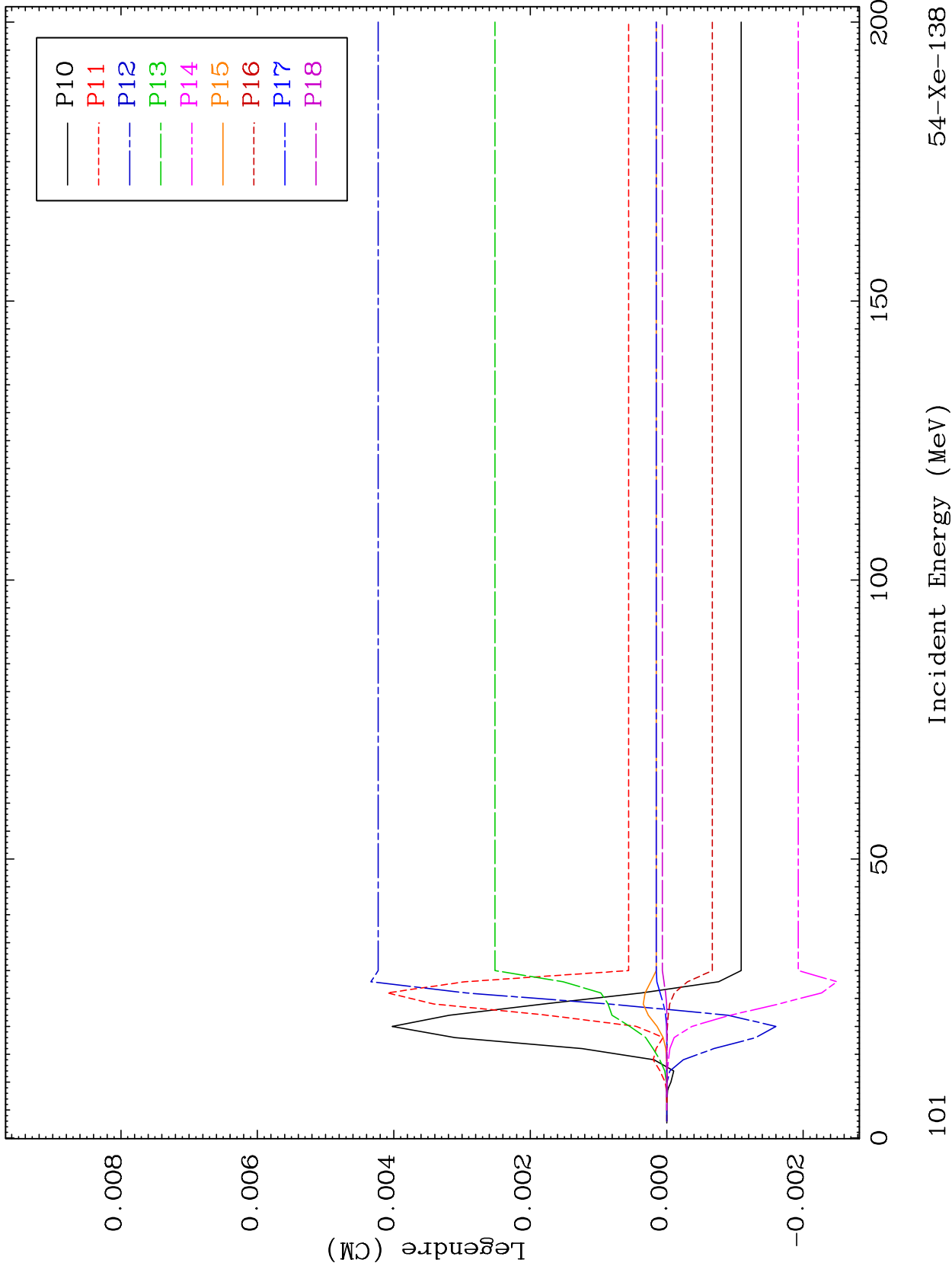
54-Xe-138



MAT 5467

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

54-Xe-138



101

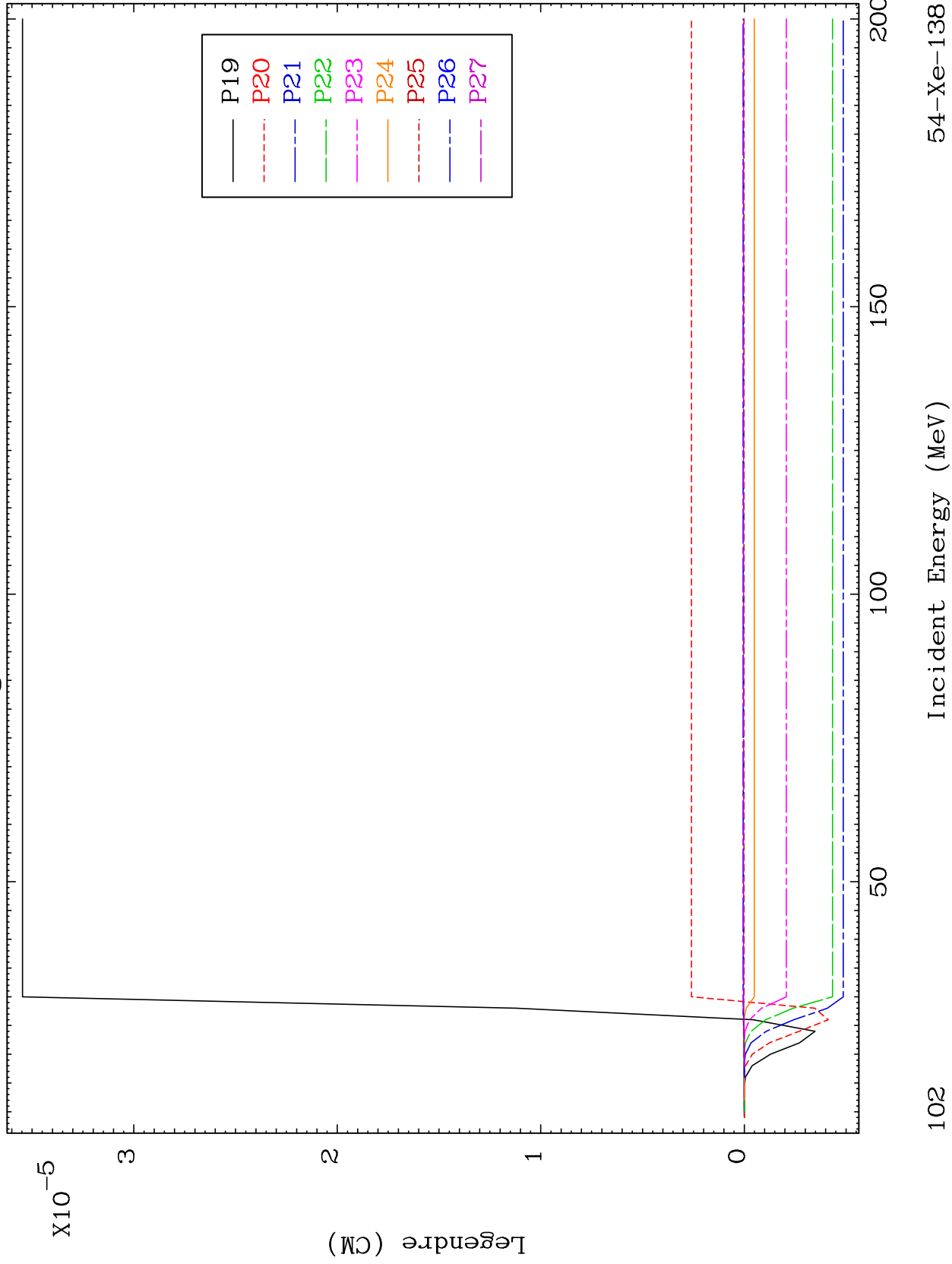
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

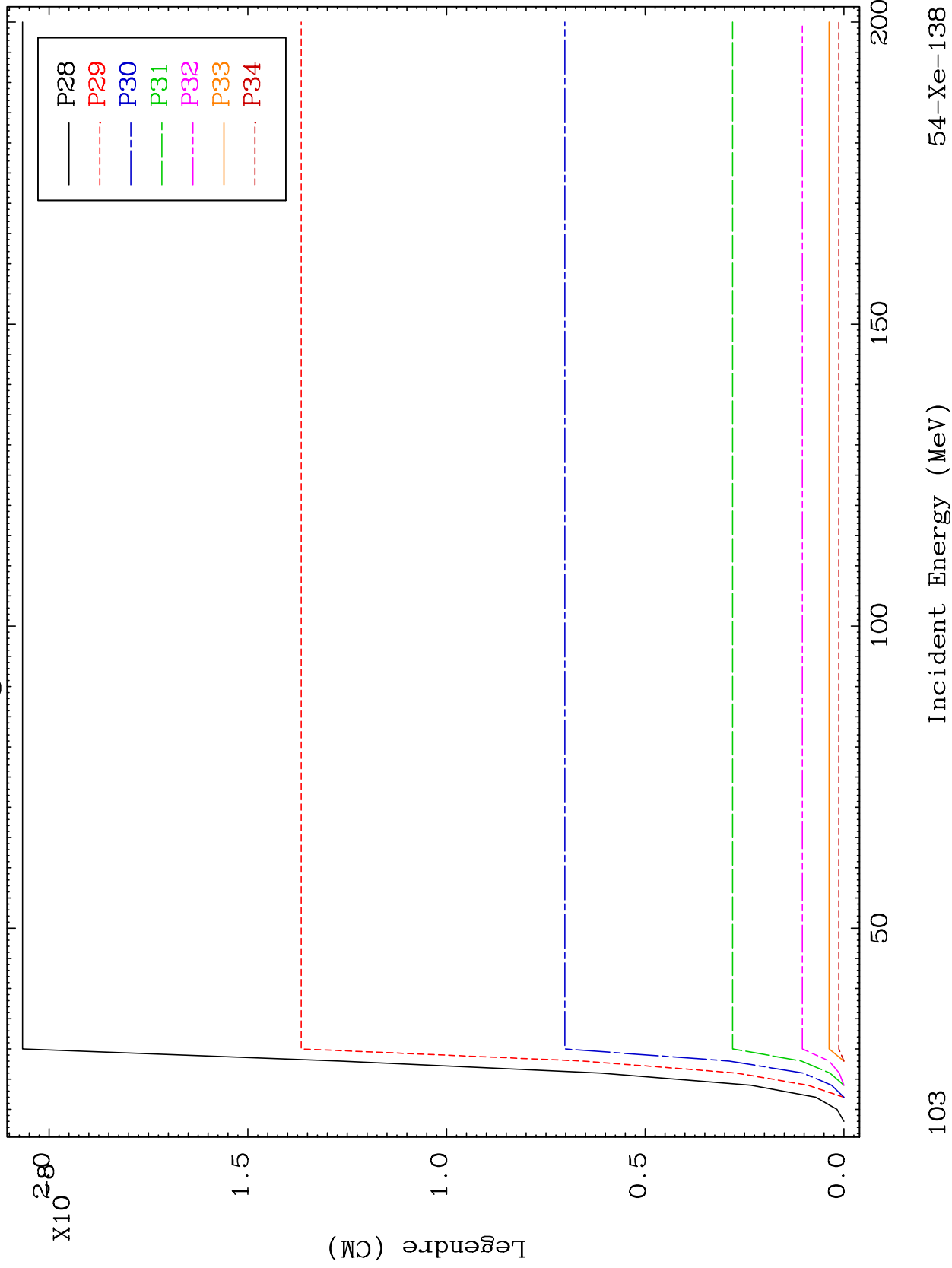
54-Xe-138



MAT 5467

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

54-Xe-138

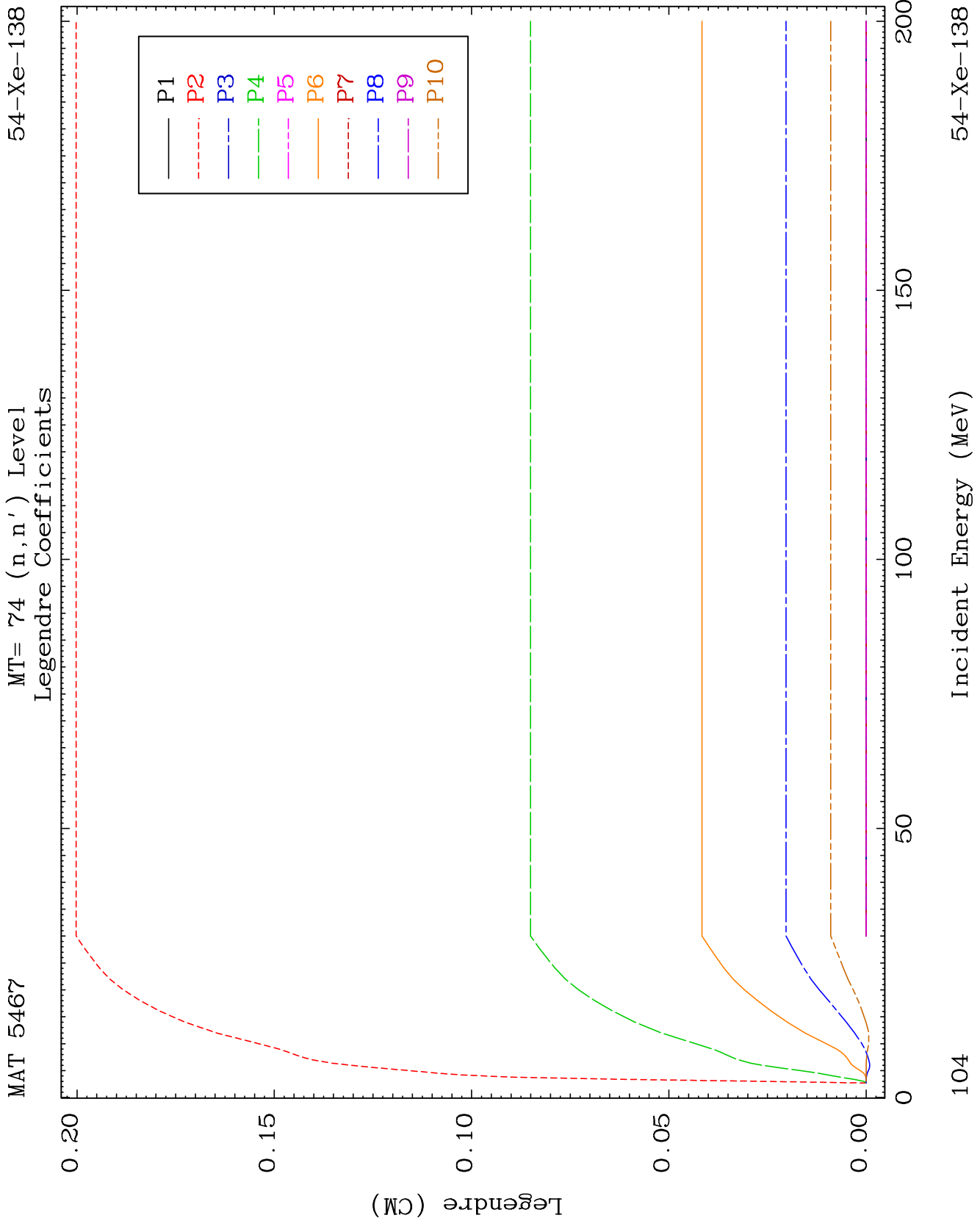


103

Incident Energy (MeV)

54-Xe-138

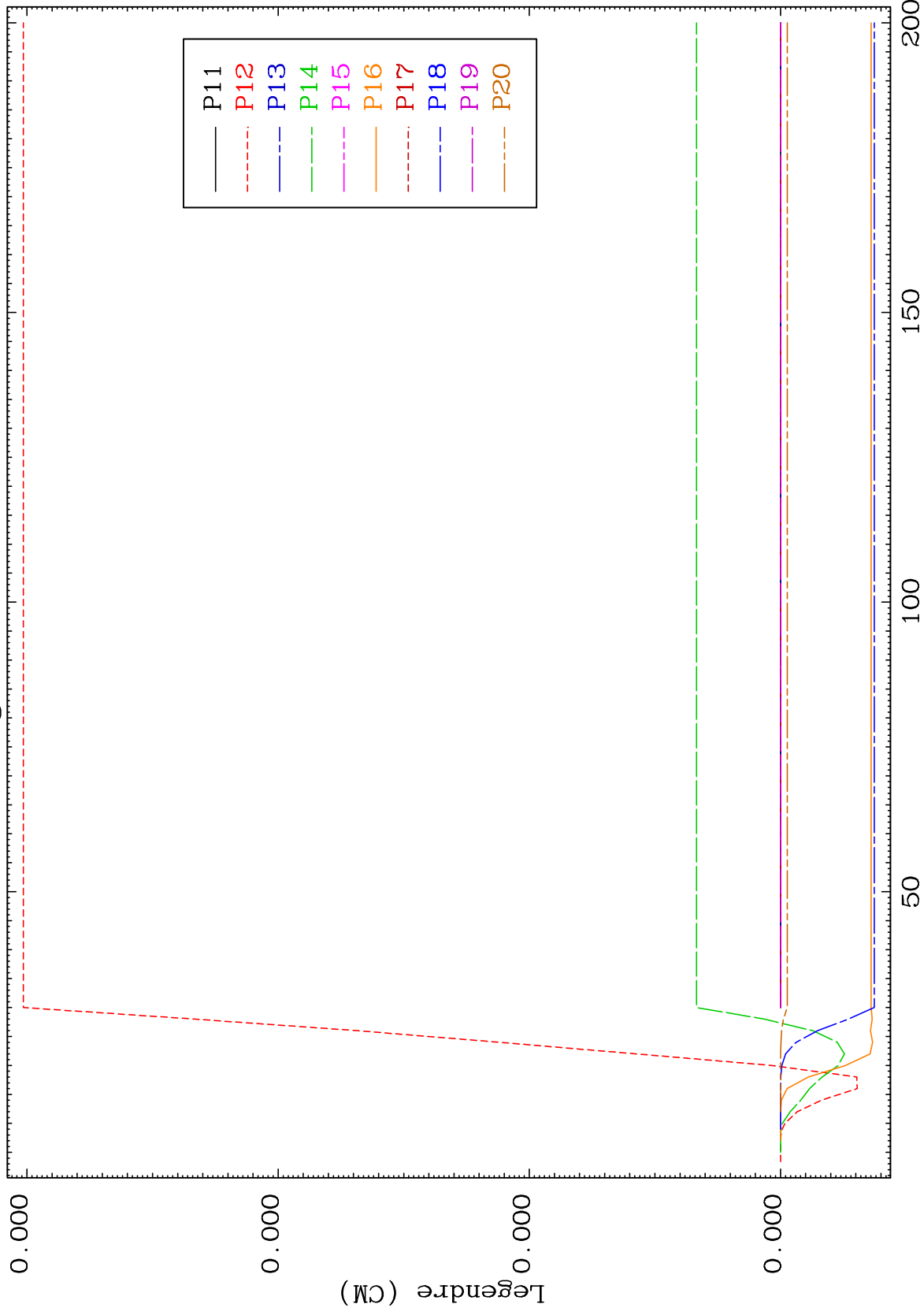




MAT 5467

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

54-Xe-138



105

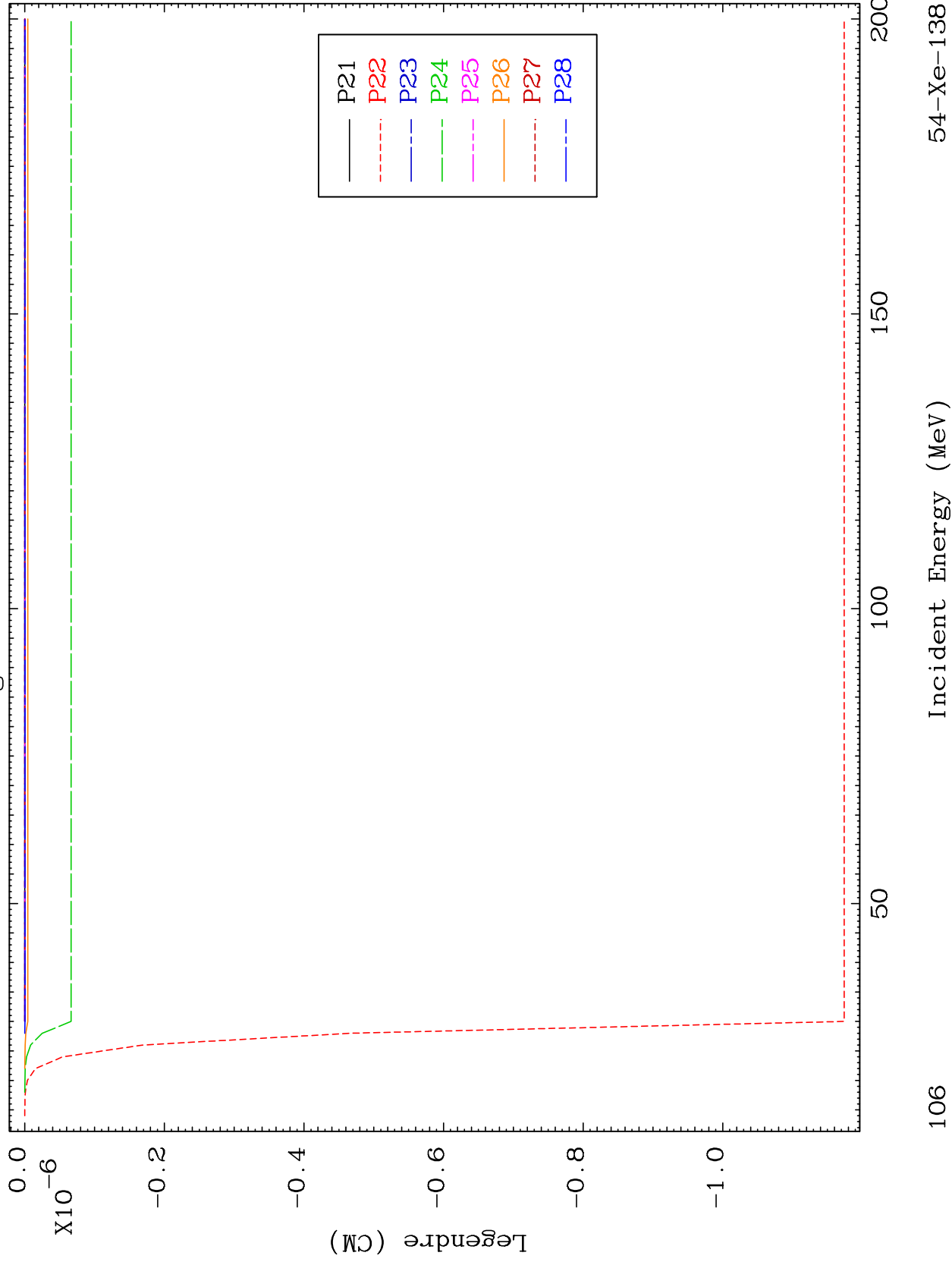
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

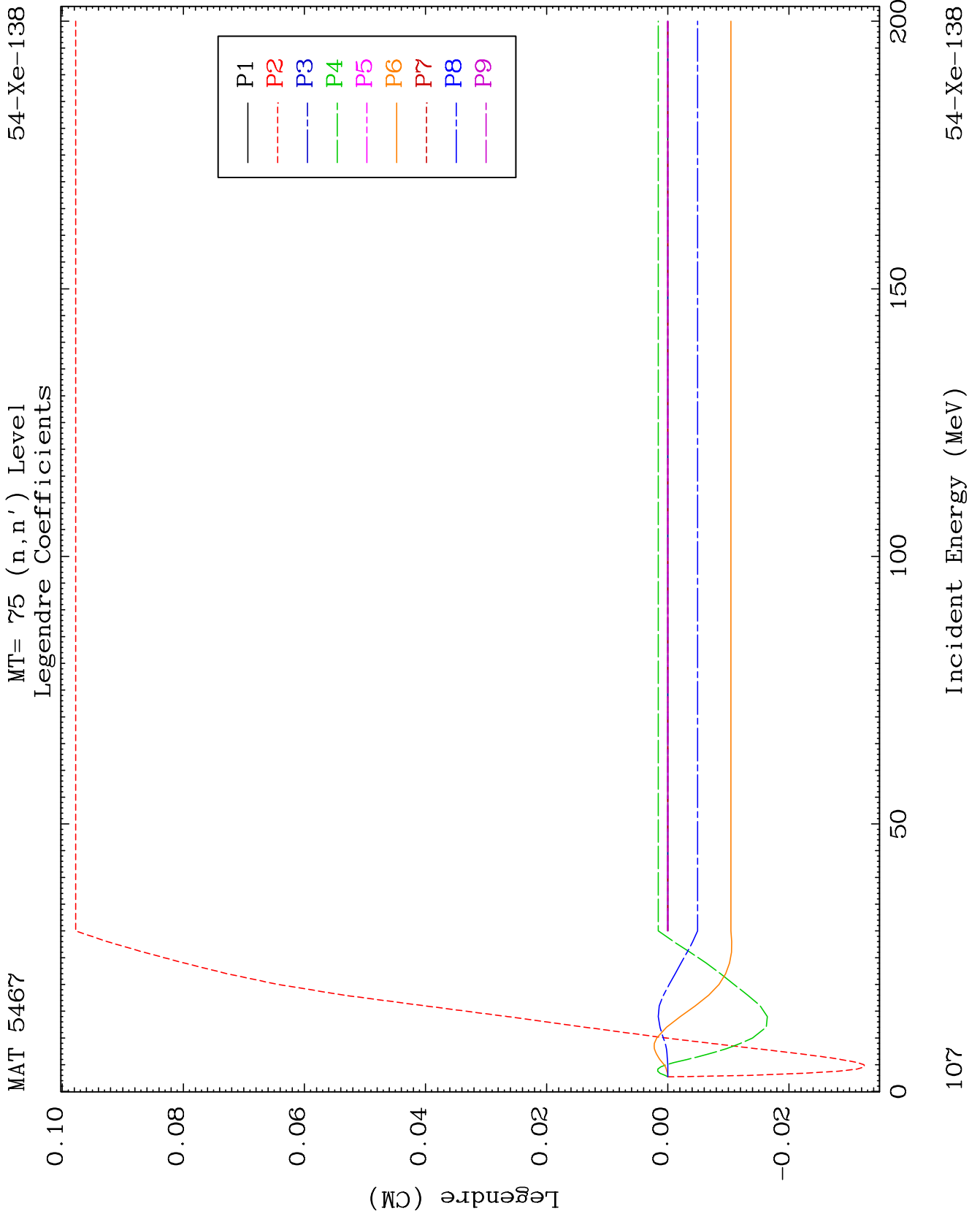
54-Xe-138



106

Incident Energy (MeV)

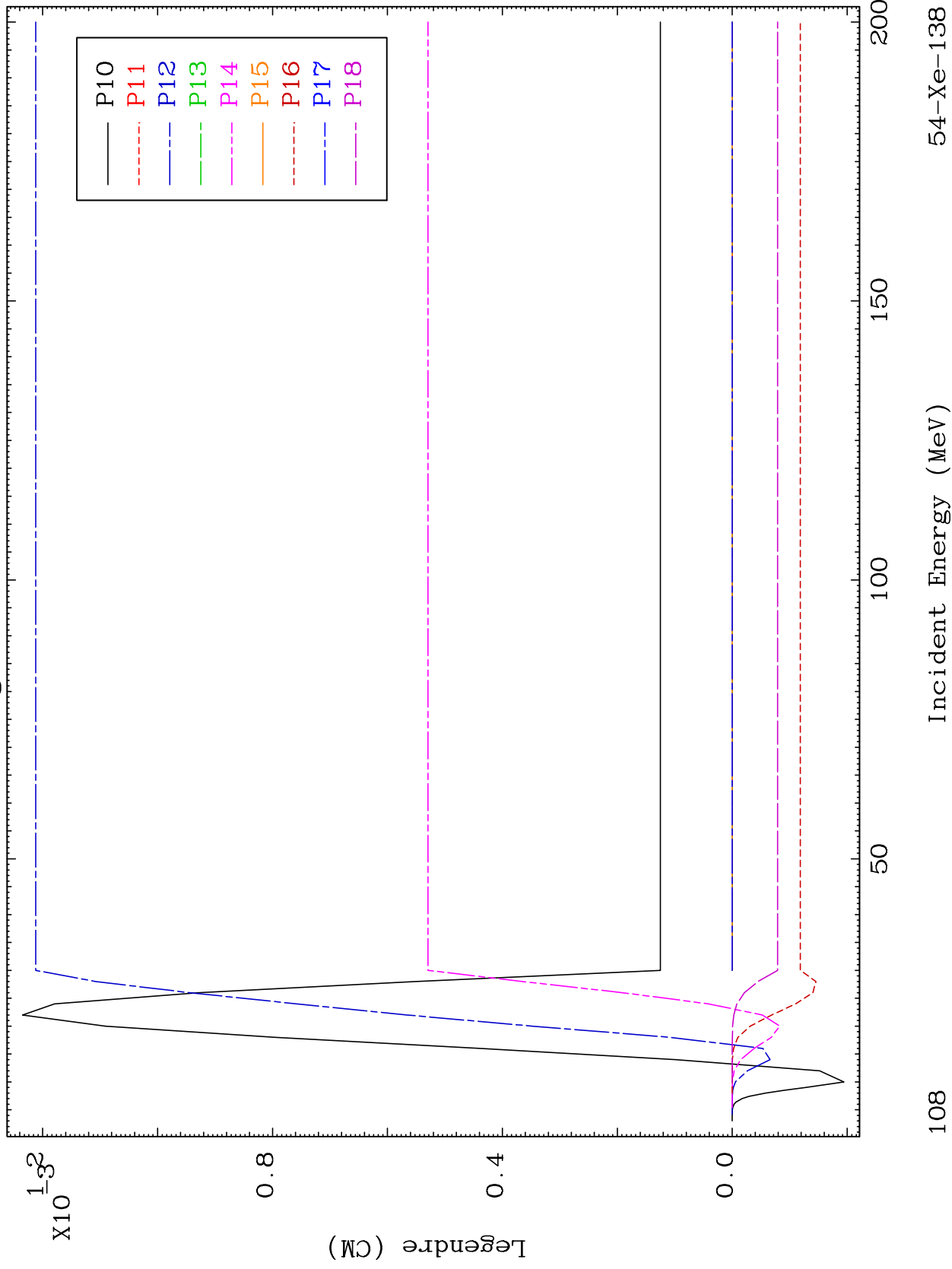
54-Xe-138



MAT 5467

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

54-Xe-138



108

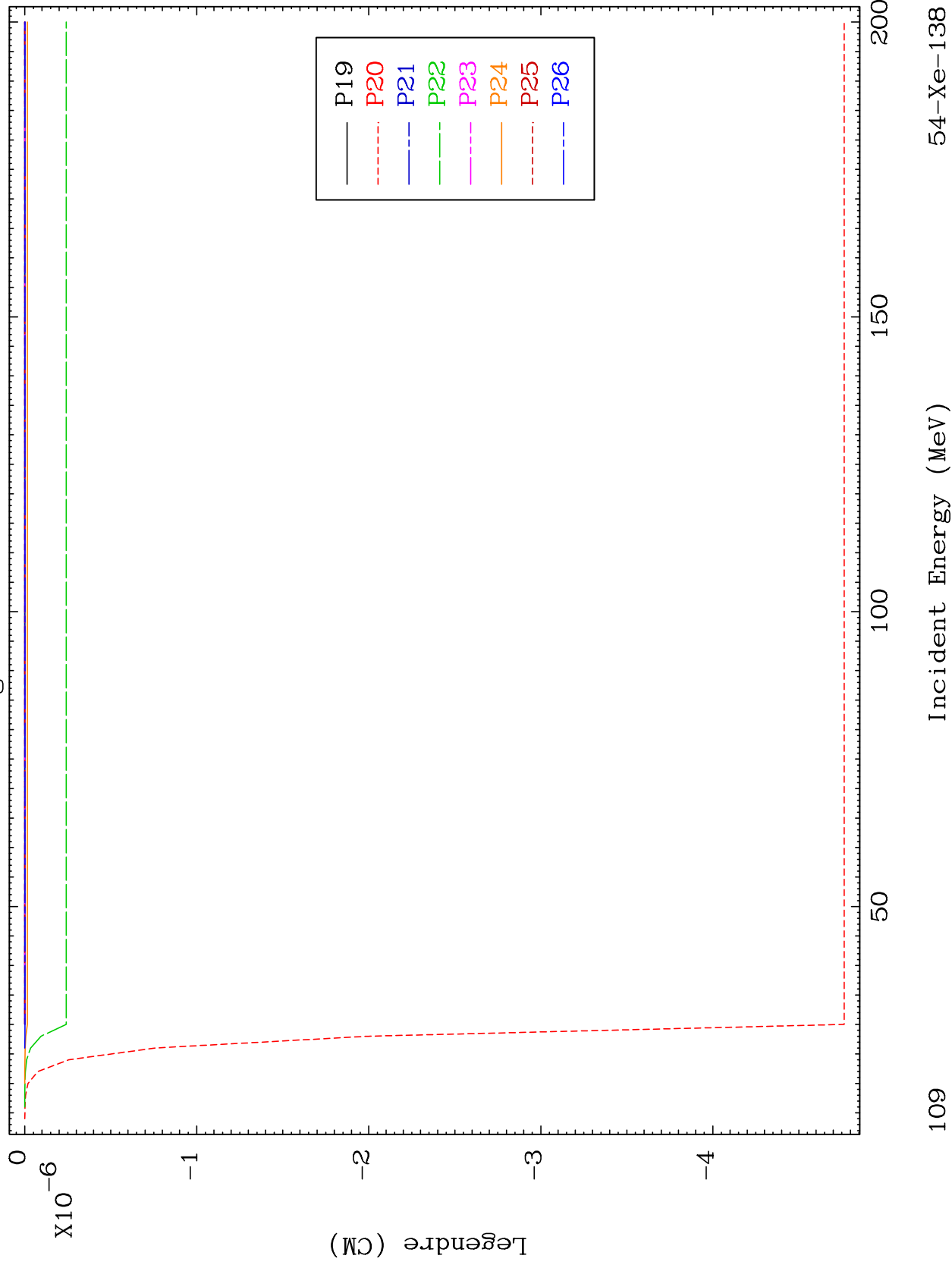
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



109

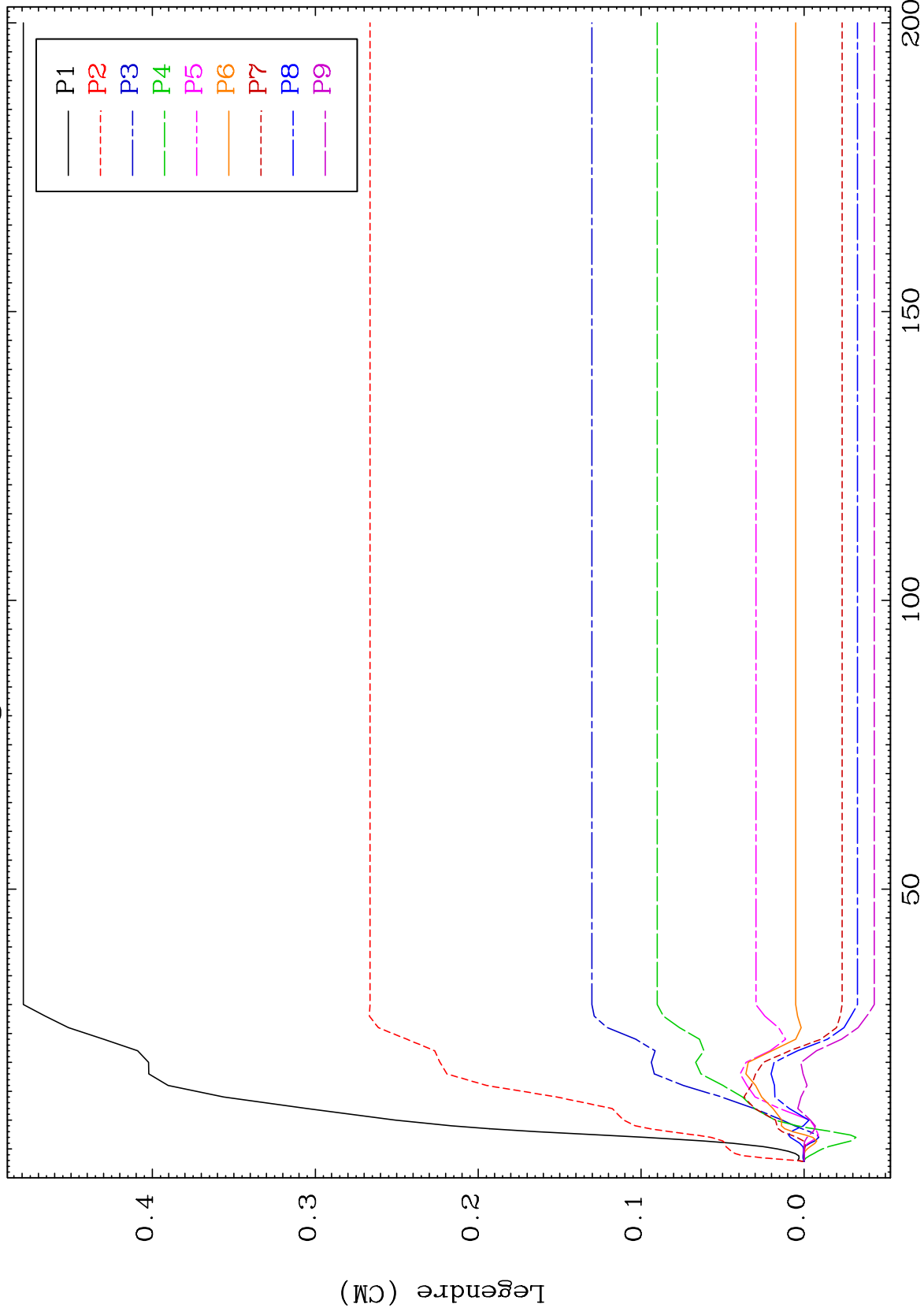
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



110

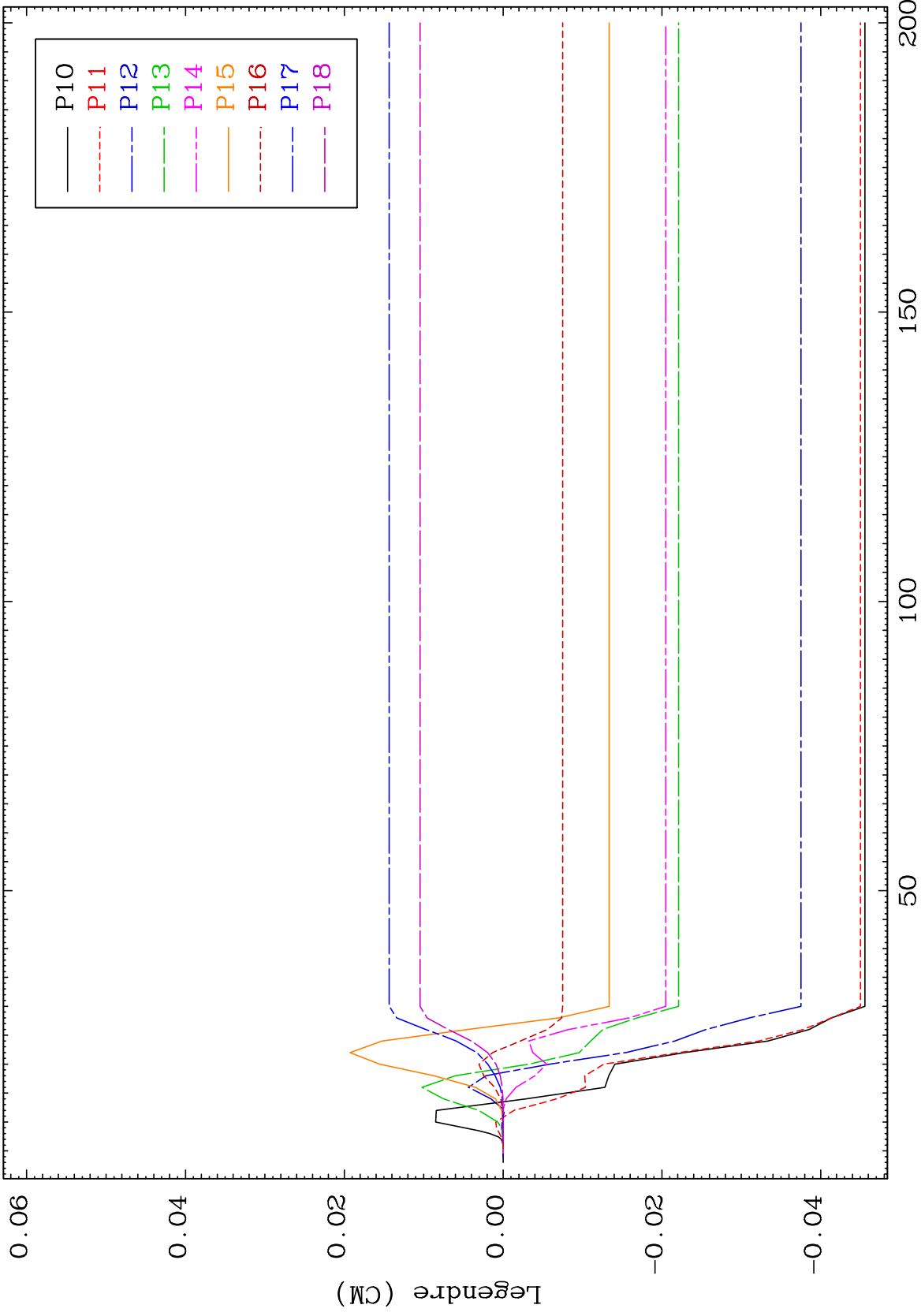
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138

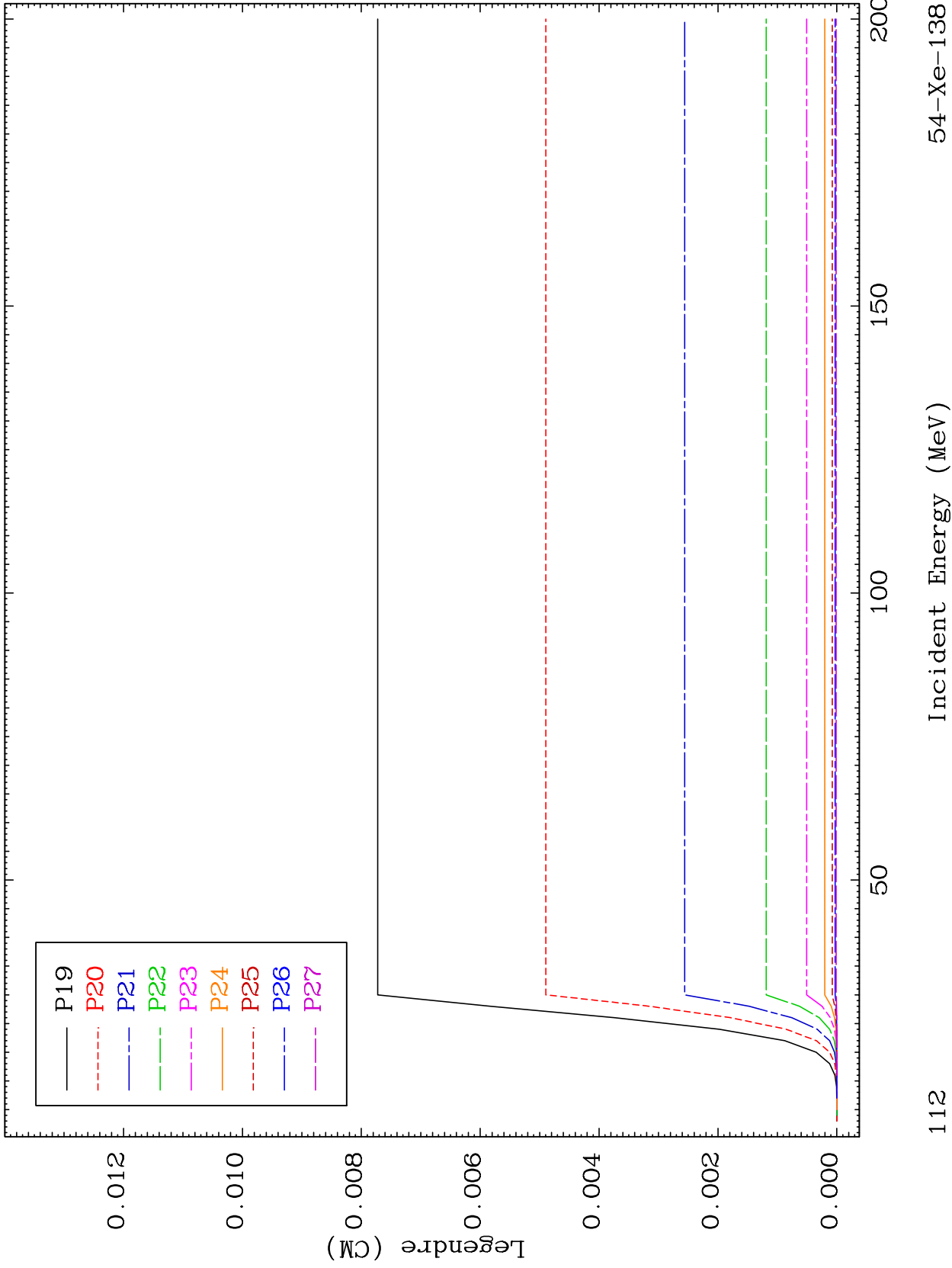


111

Incident Energy (MeV)

54-Xe-138

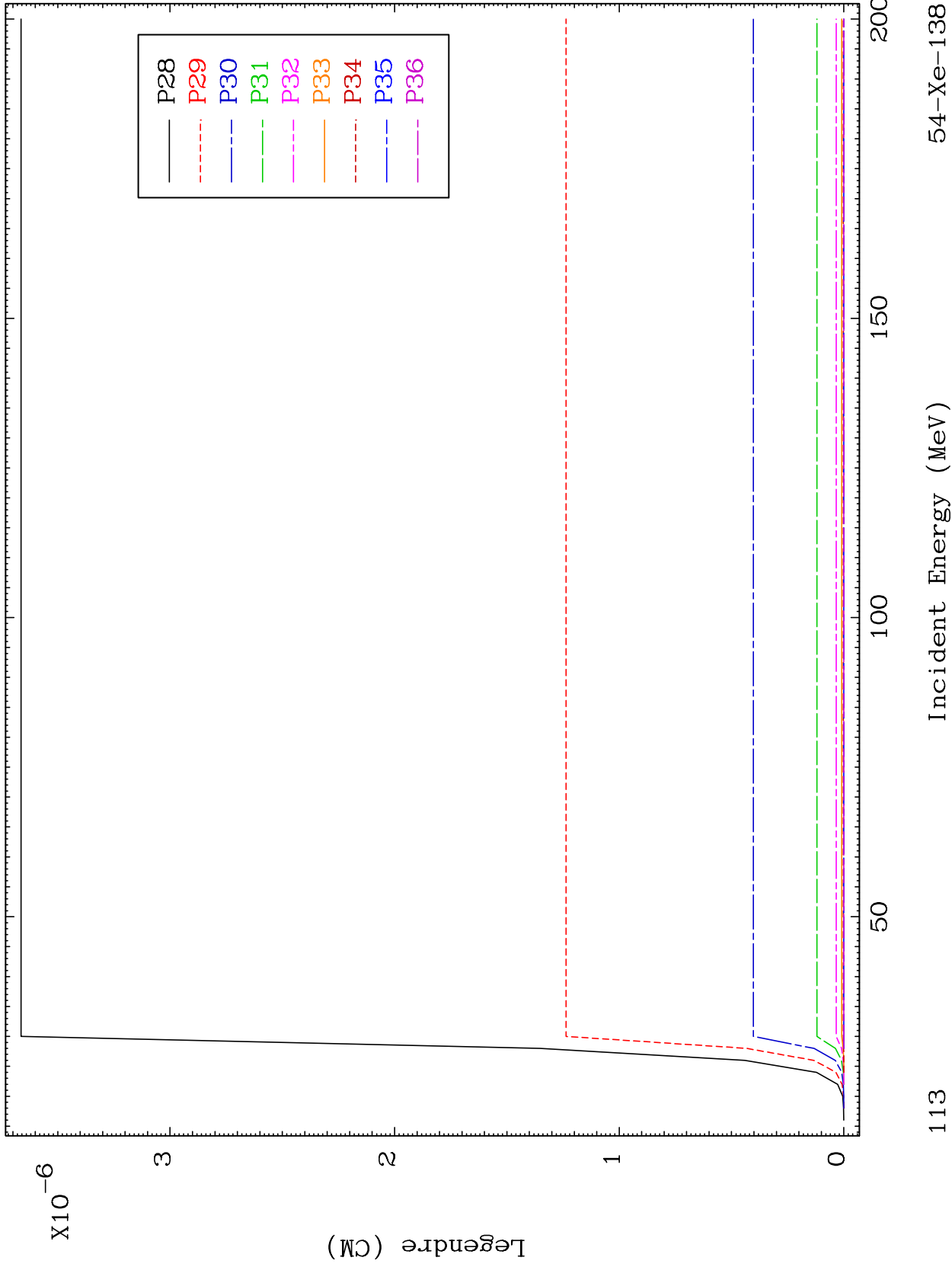




MAT 5467

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

54-Xe-138

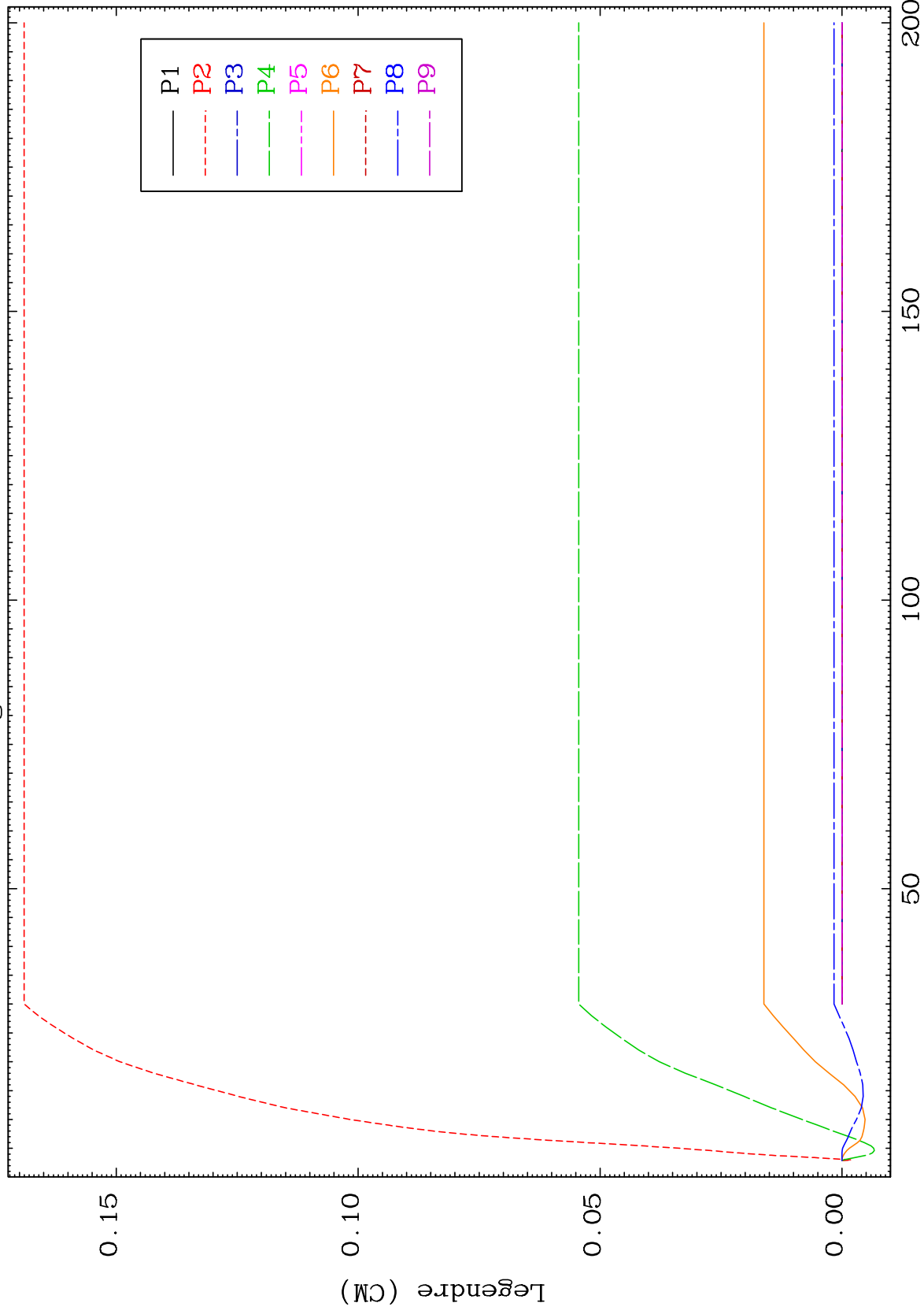


113

MAT 5467

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

54-Xe-138



114

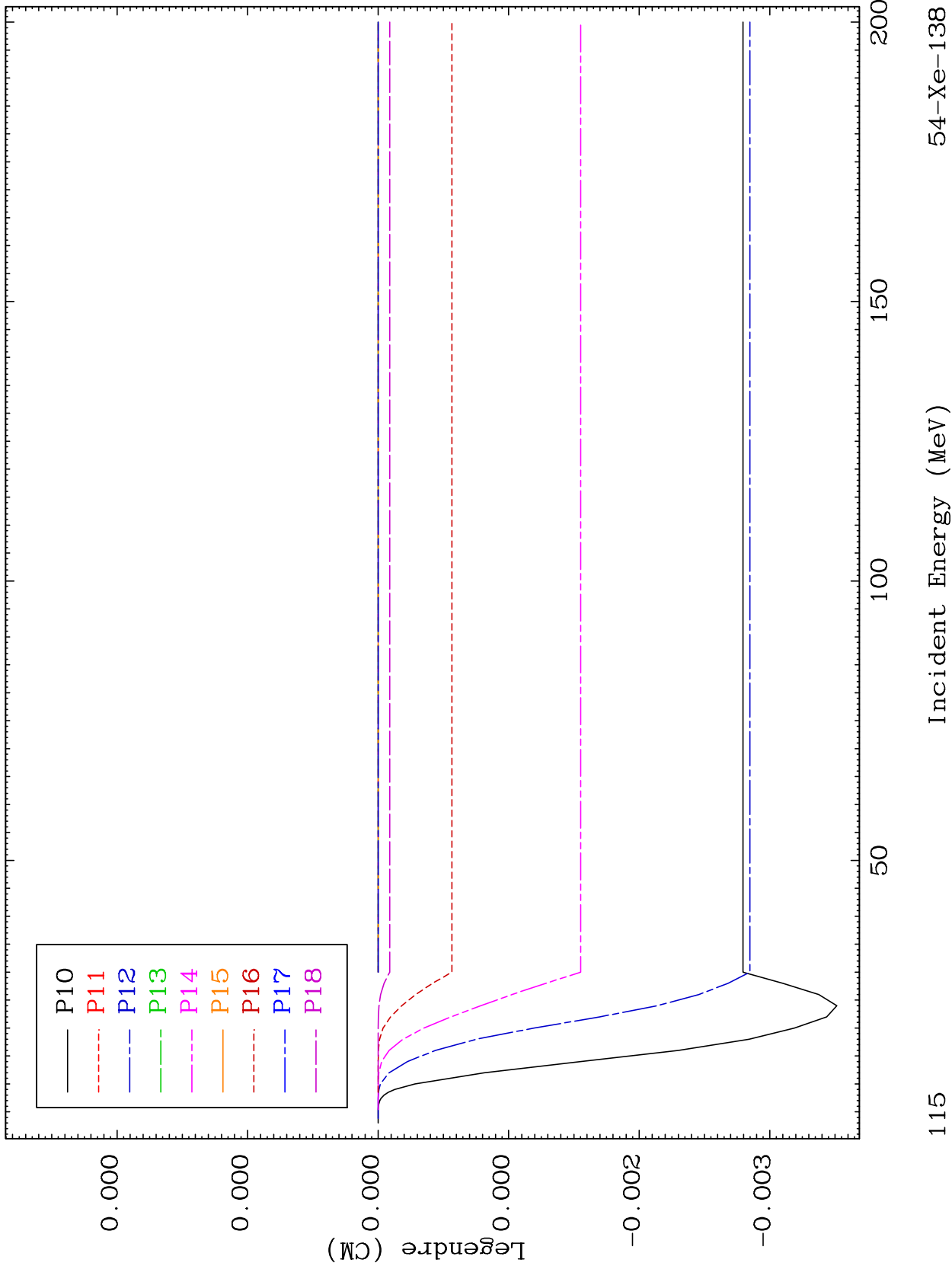
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



115

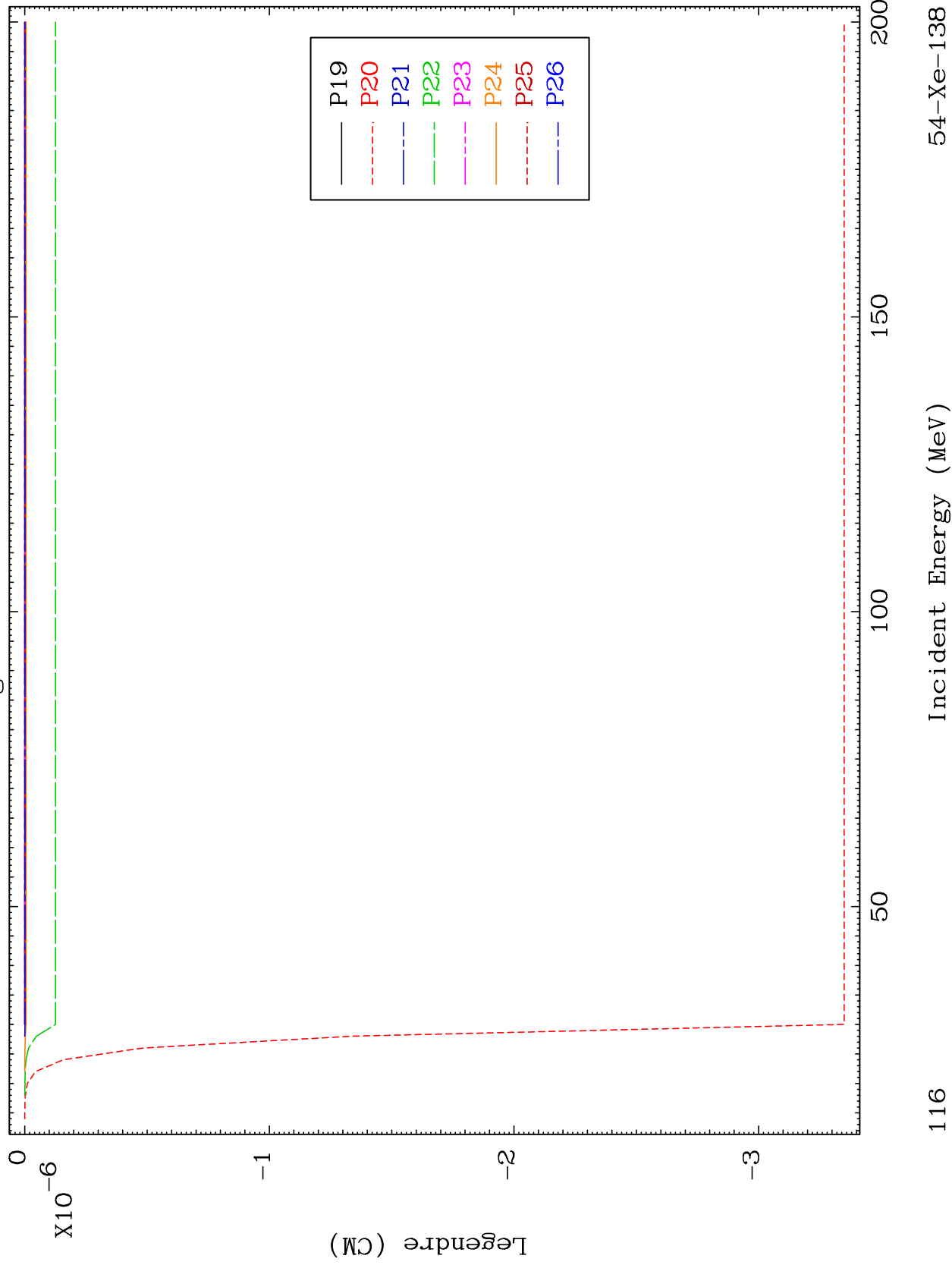
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



116

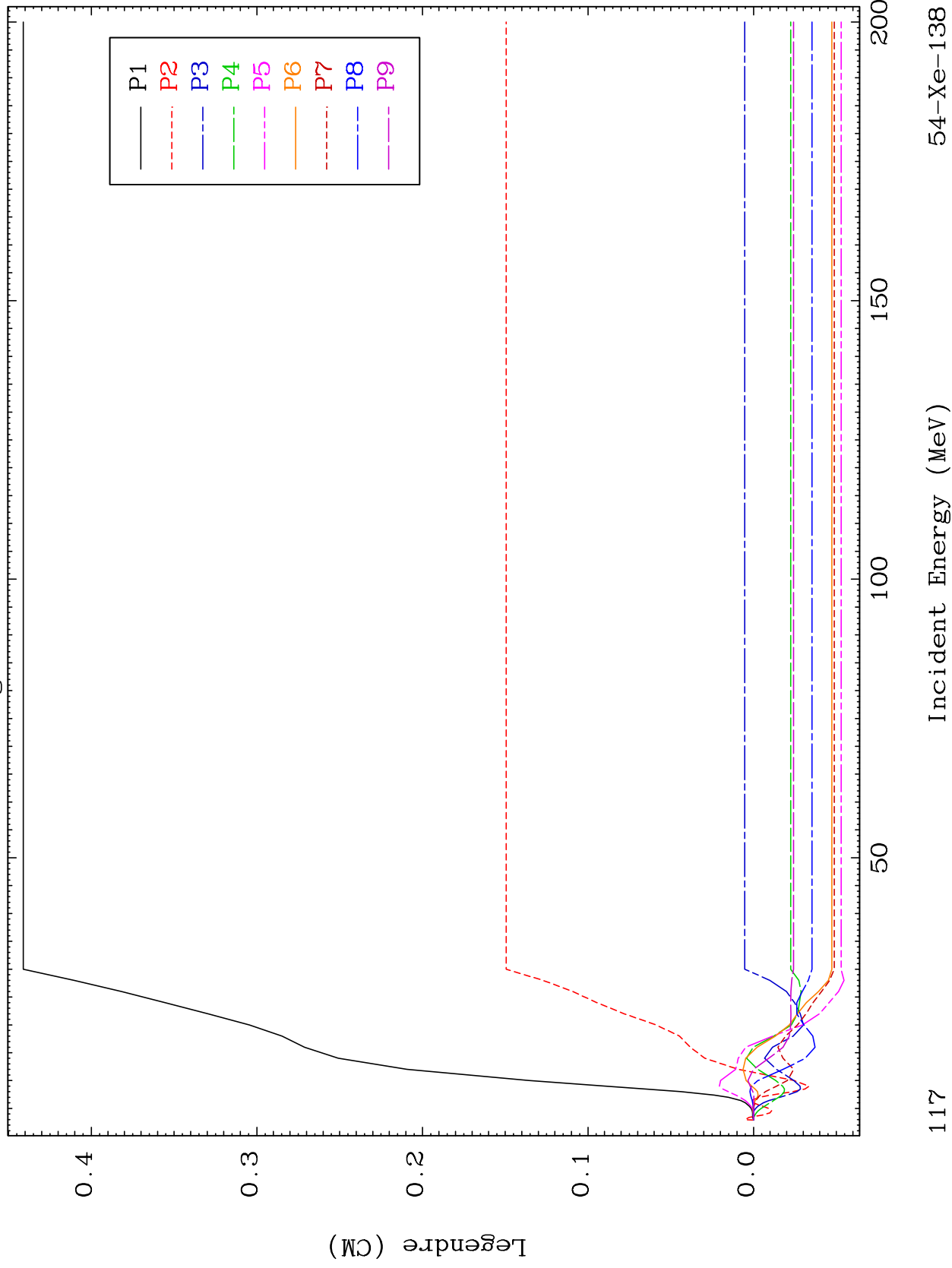
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138

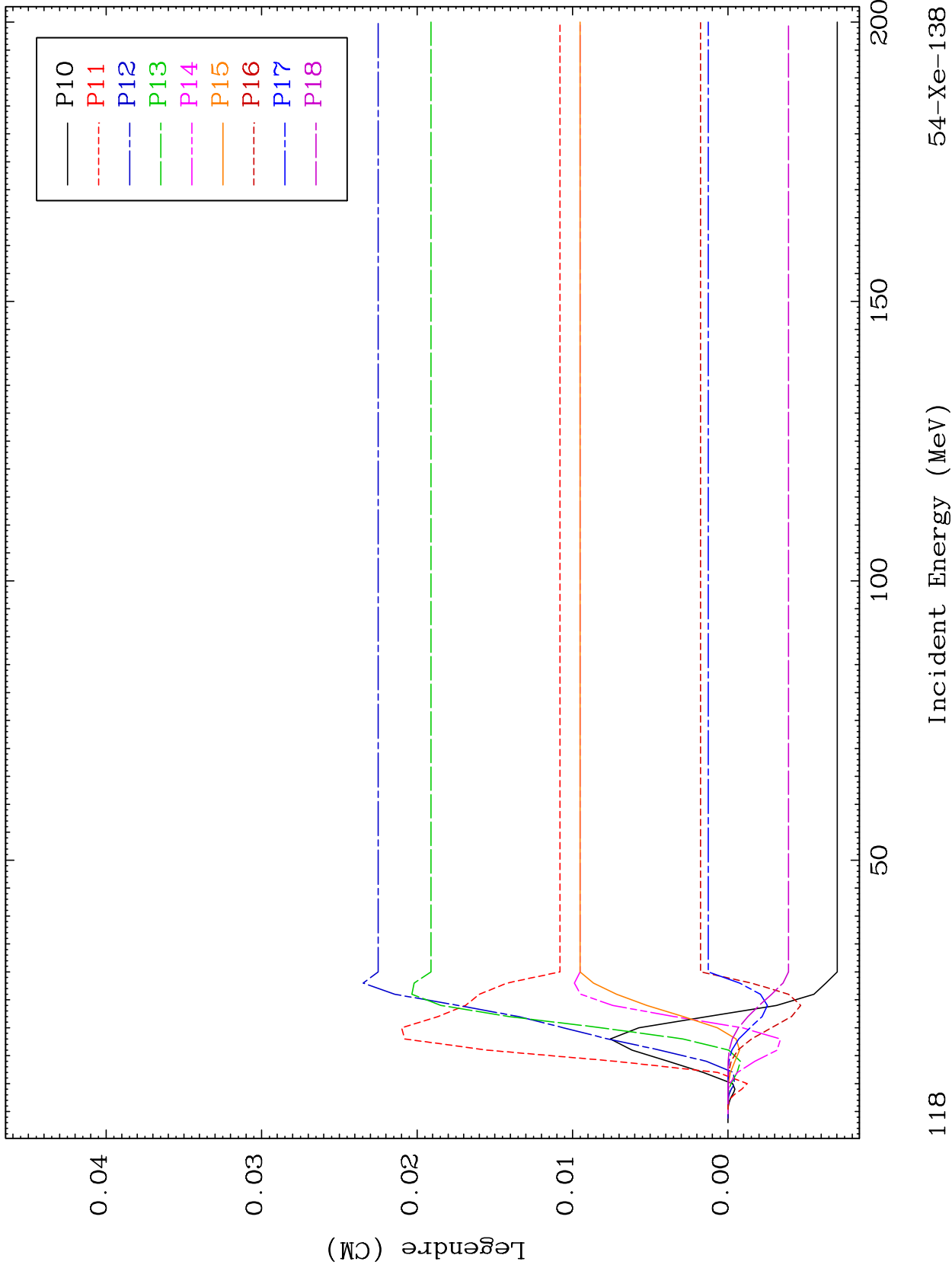


117

MAT 5467

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

54-Xe-138



118

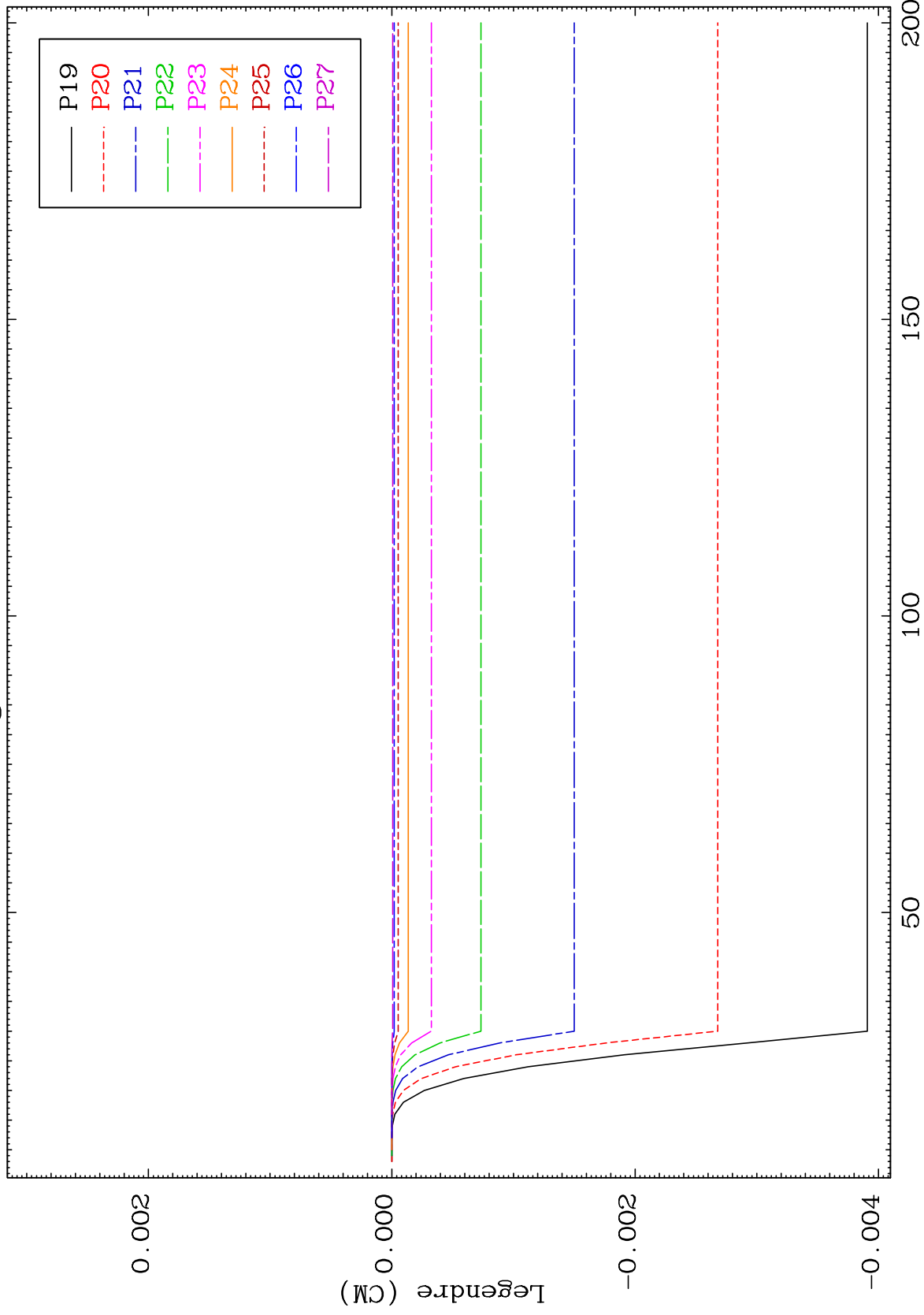
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



119

Incident Energy (MeV)

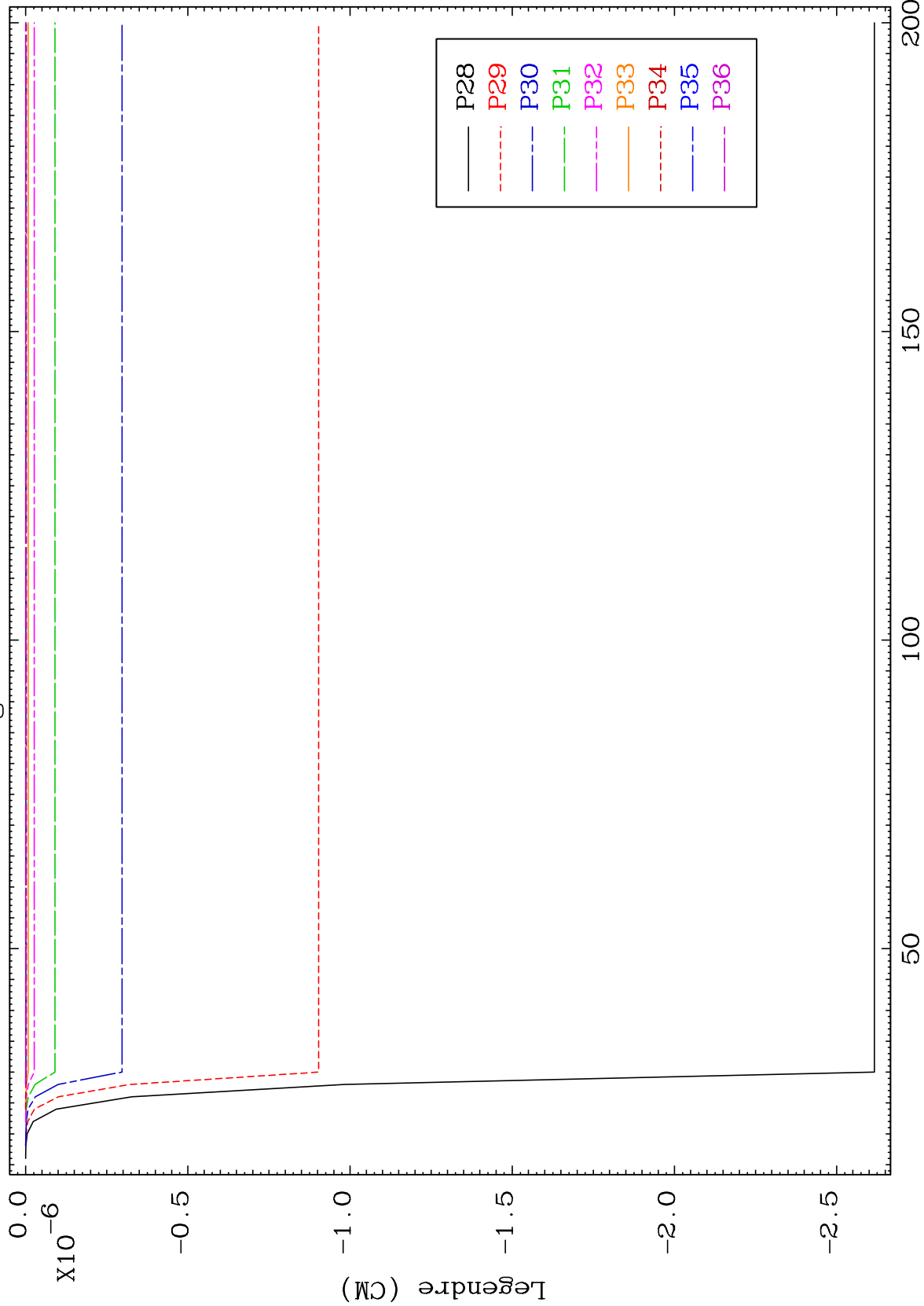
54-Xe-138



MAT 5467

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

54-Xe-138



120

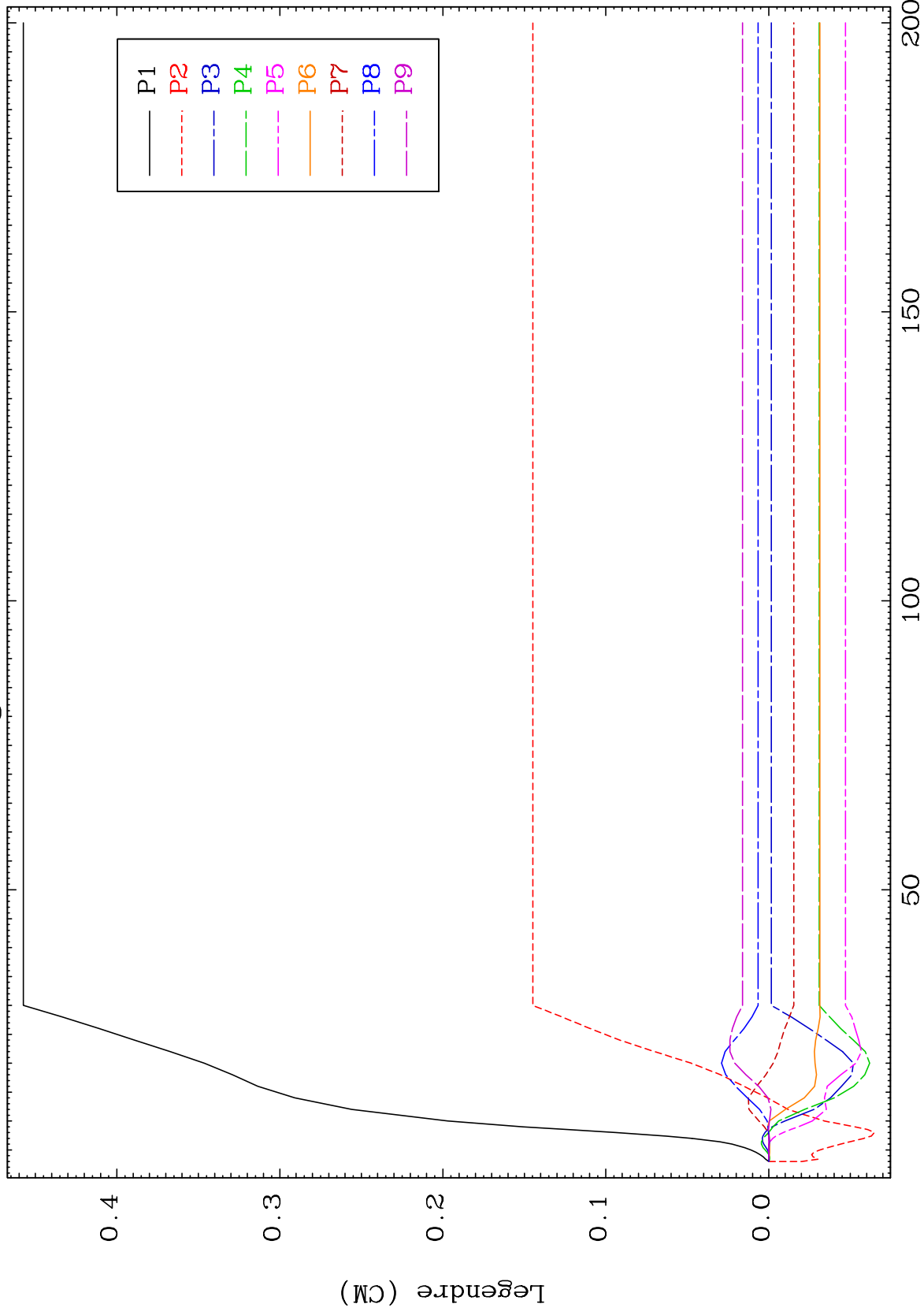
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



121

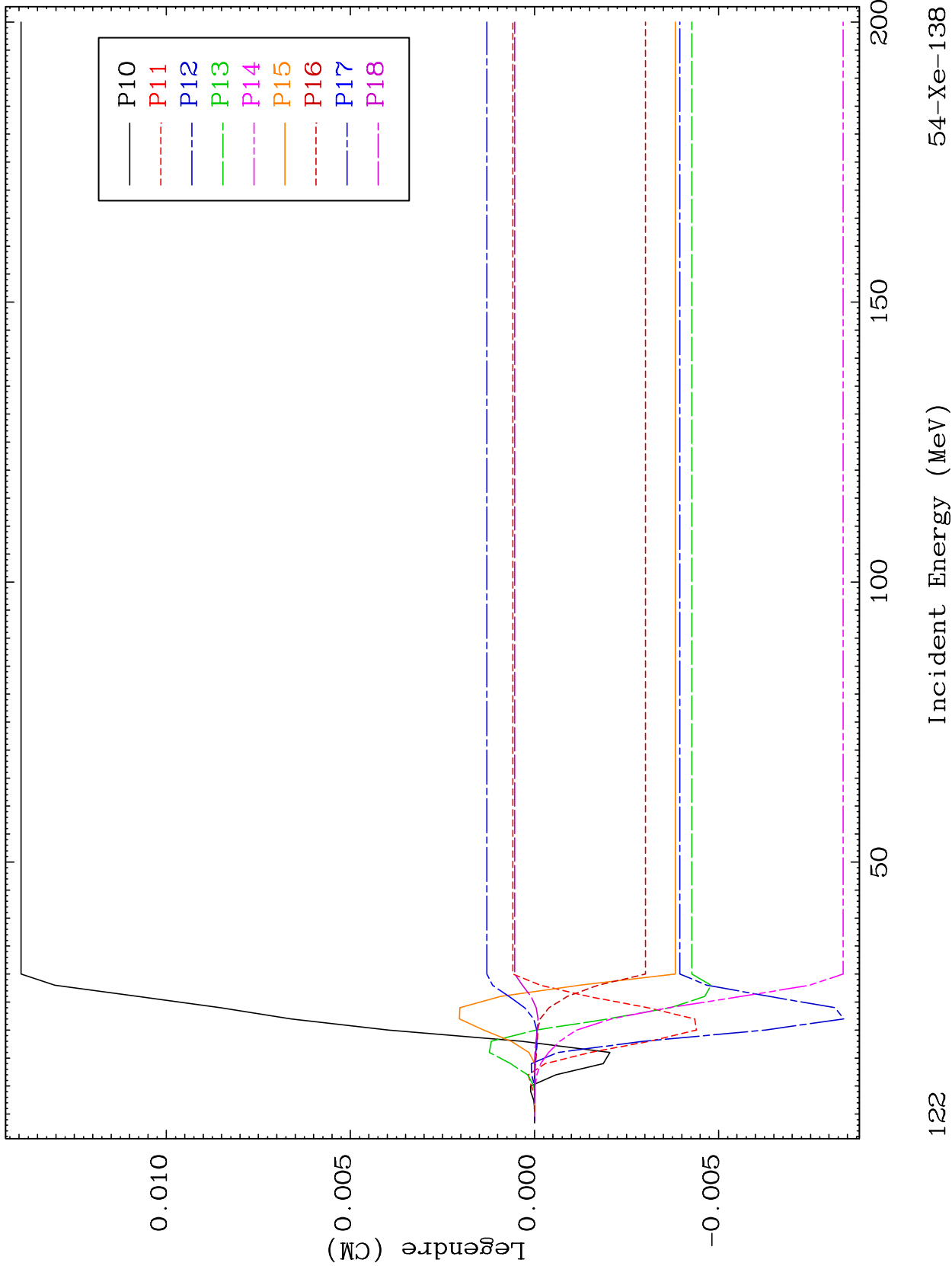
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



122

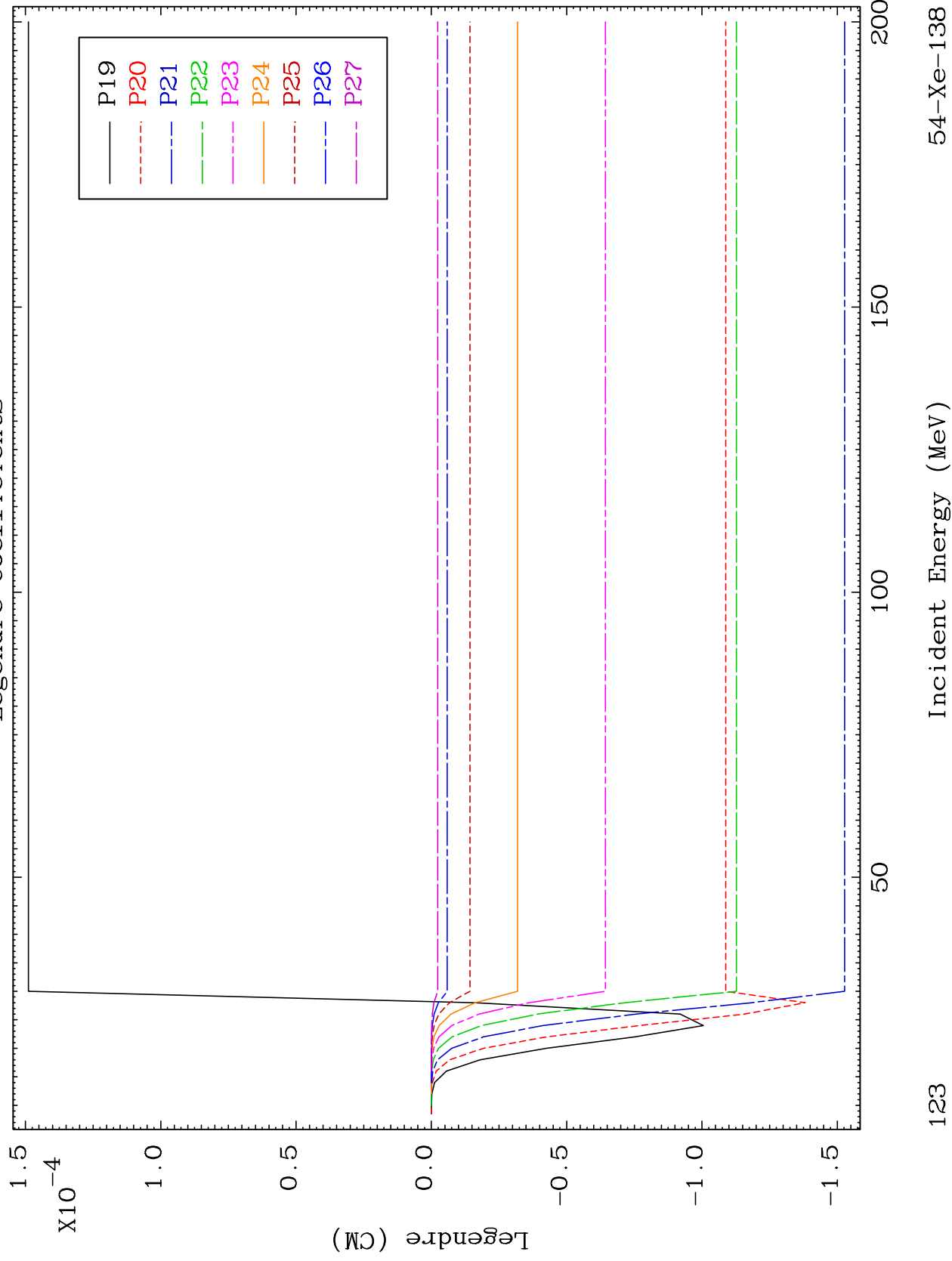
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



123

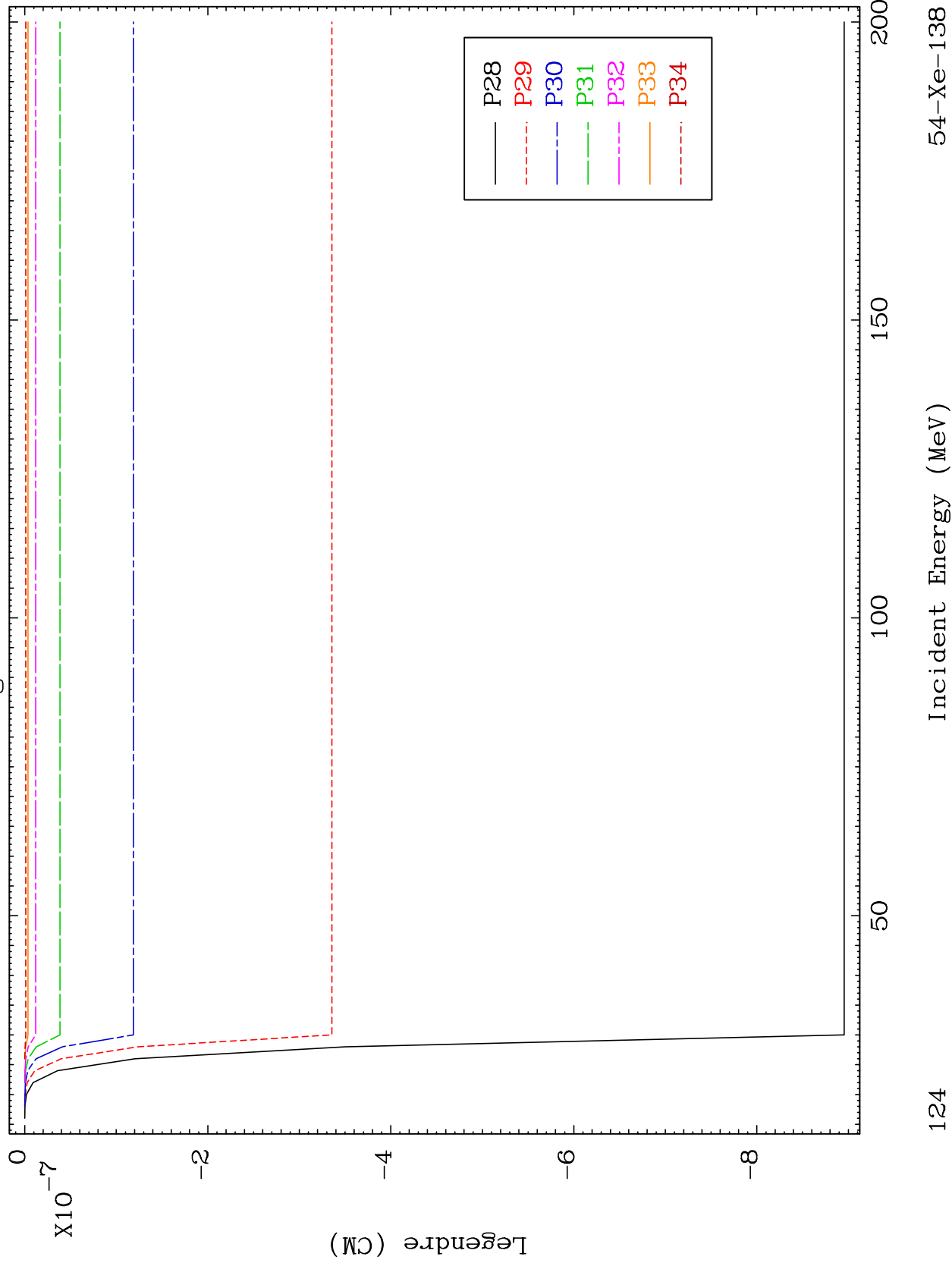
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



124

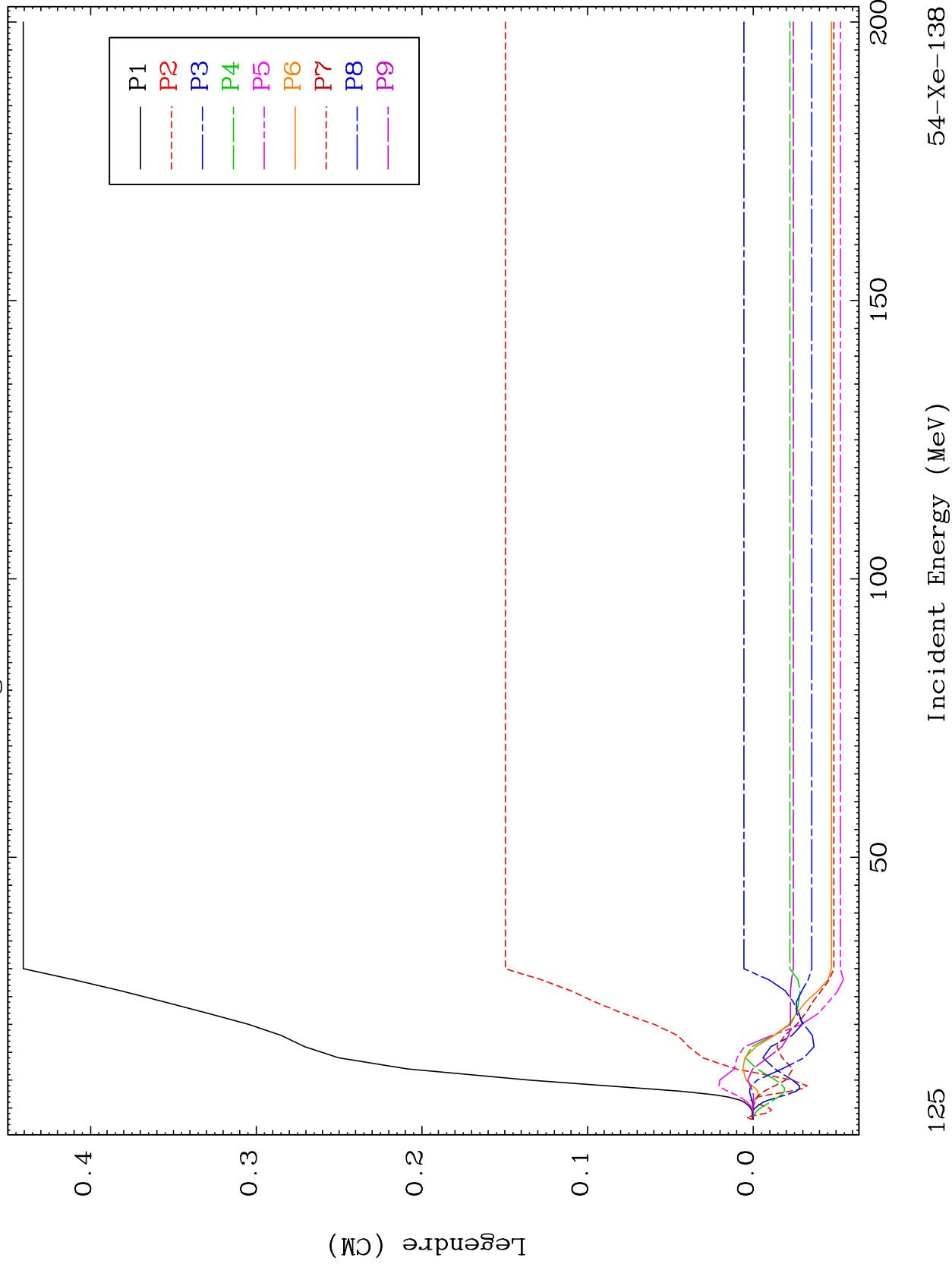
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



54-Xe-138

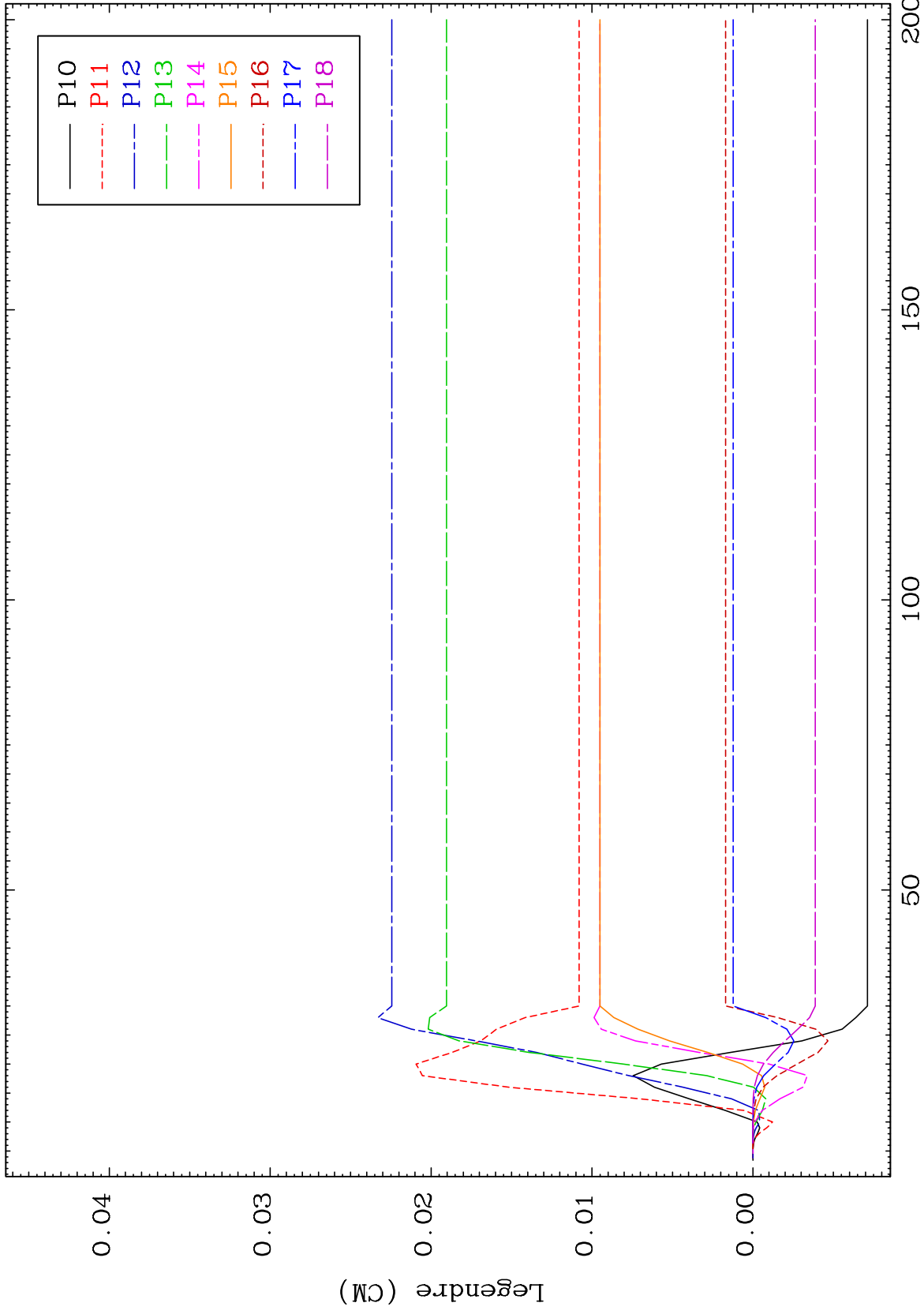
Incident Energy (MeV)

125

MAT 5467

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

54-Xe-138



126

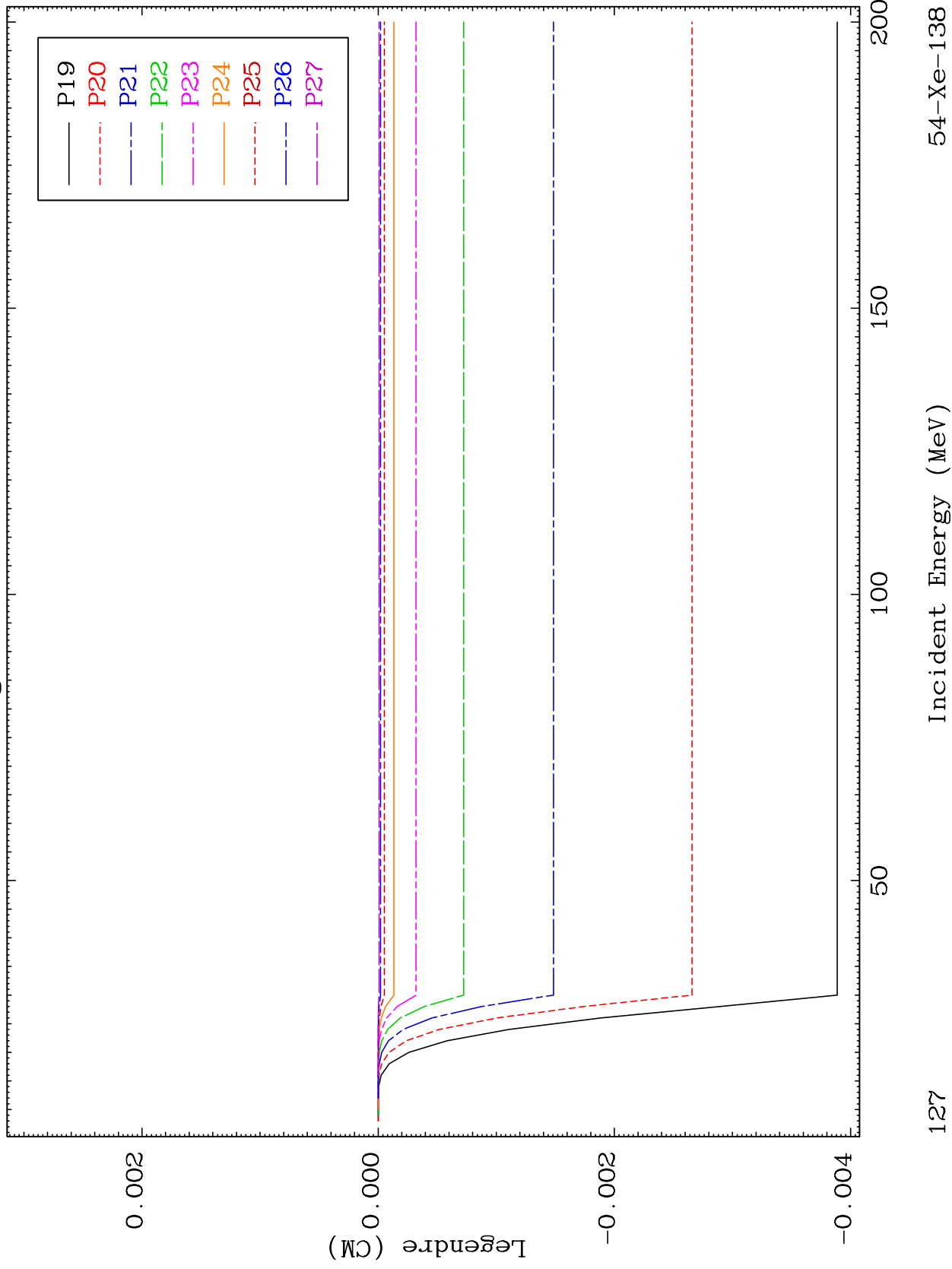
Incident Energy (MeV)

54-Xe-138

MAT 5467

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

54-Xe-138



127

Incident Energy (MeV)

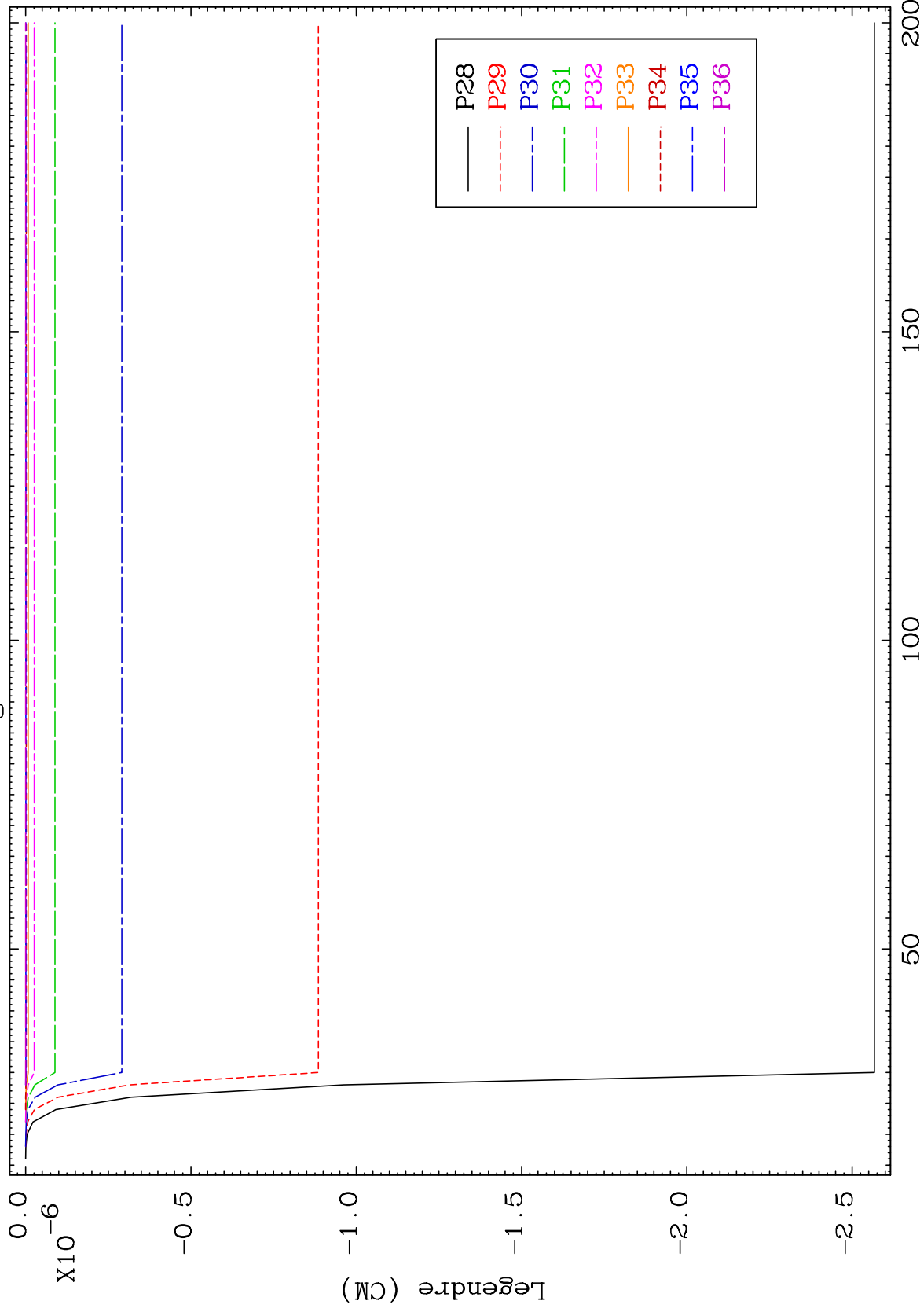
54-Xe-138



MAT 5467

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

54-Xe-138



128

Incident Energy (MeV)

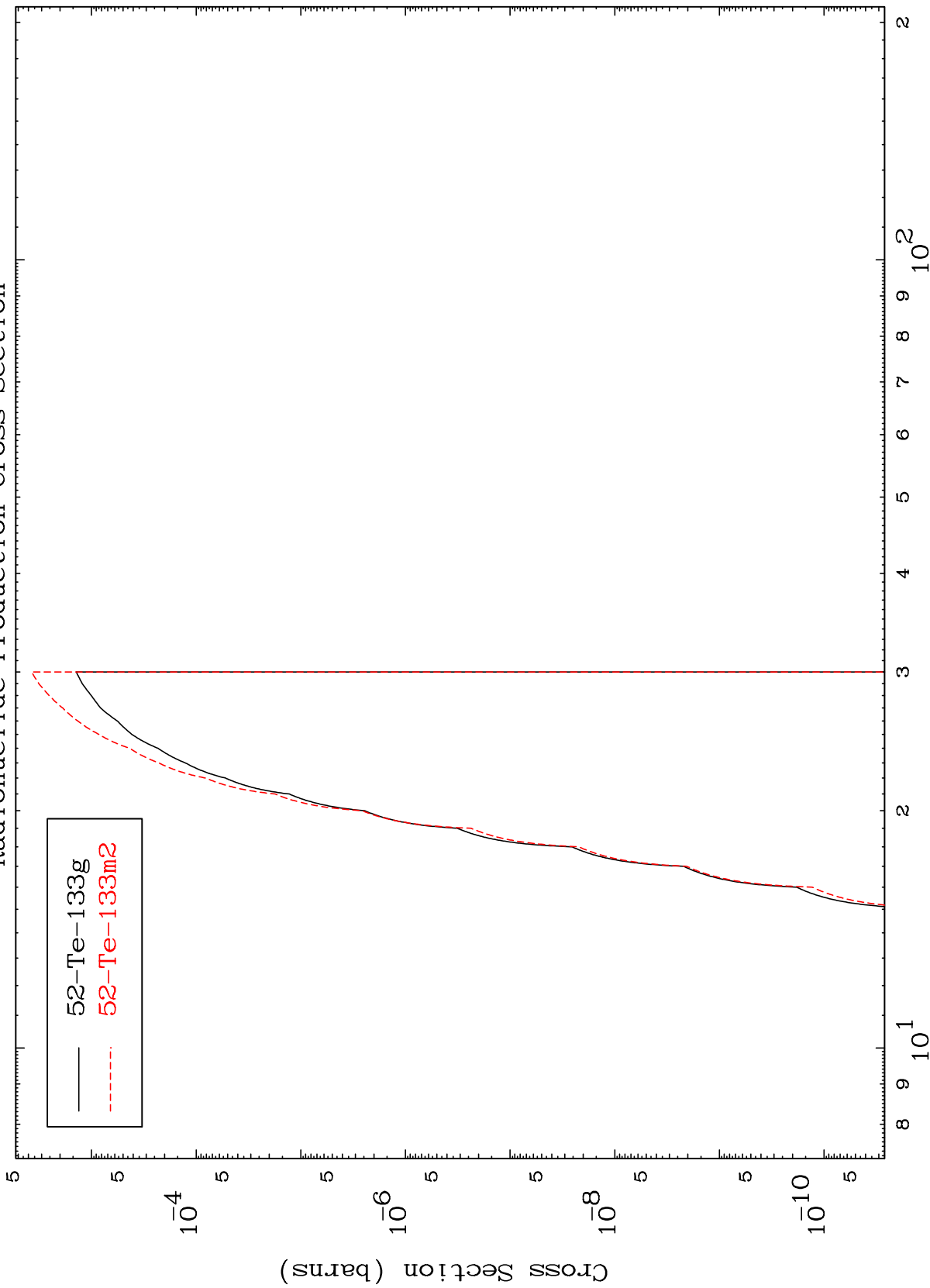
54-Xe-138

MAT 5467

(n,2n)  $\alpha$

54-Xe-138

Radionuclide Production Cross Section



129

Incident Energy (MeV)

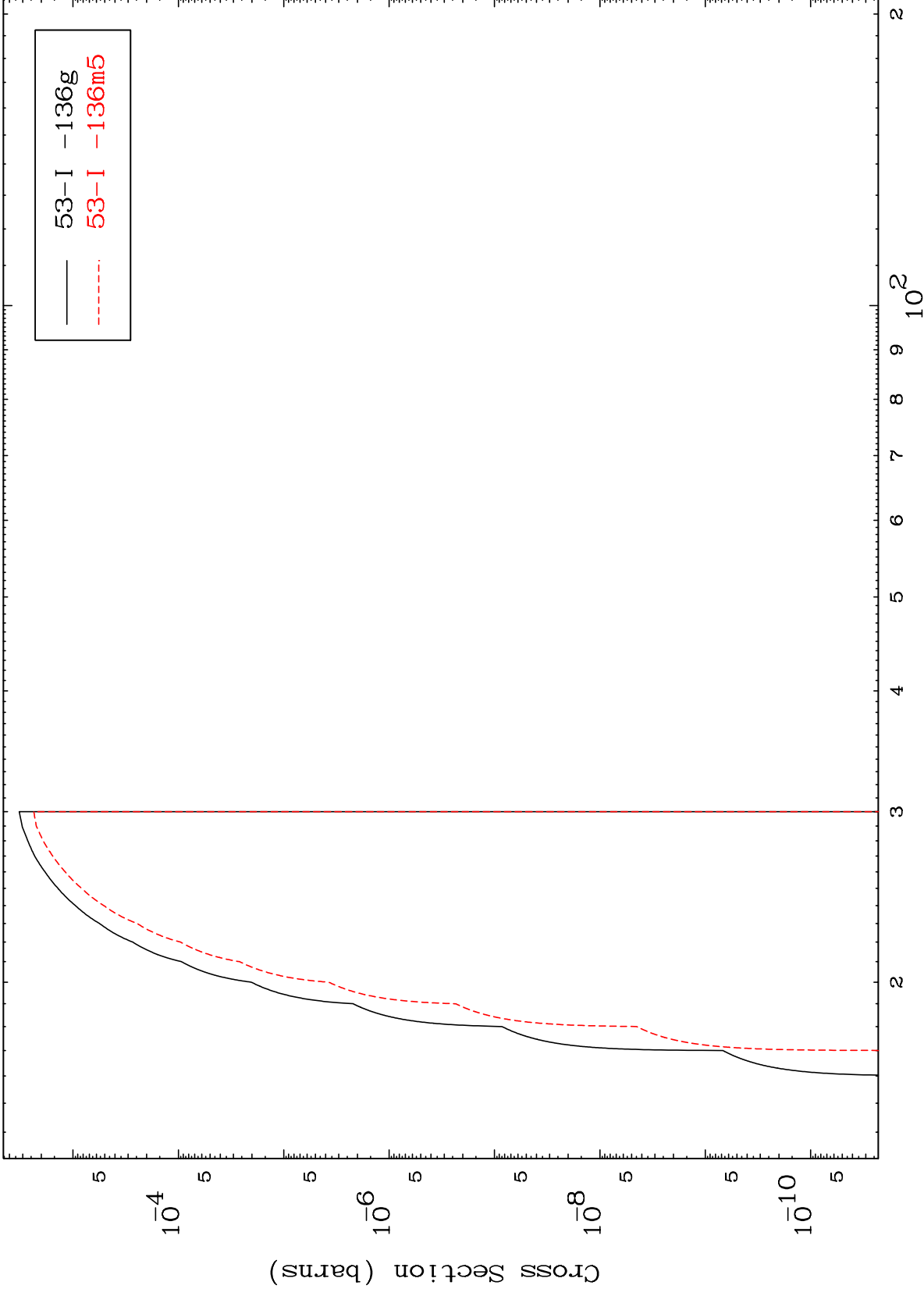
54-Xe-138

MAT 5467

(n,n') d

54-Xe-138

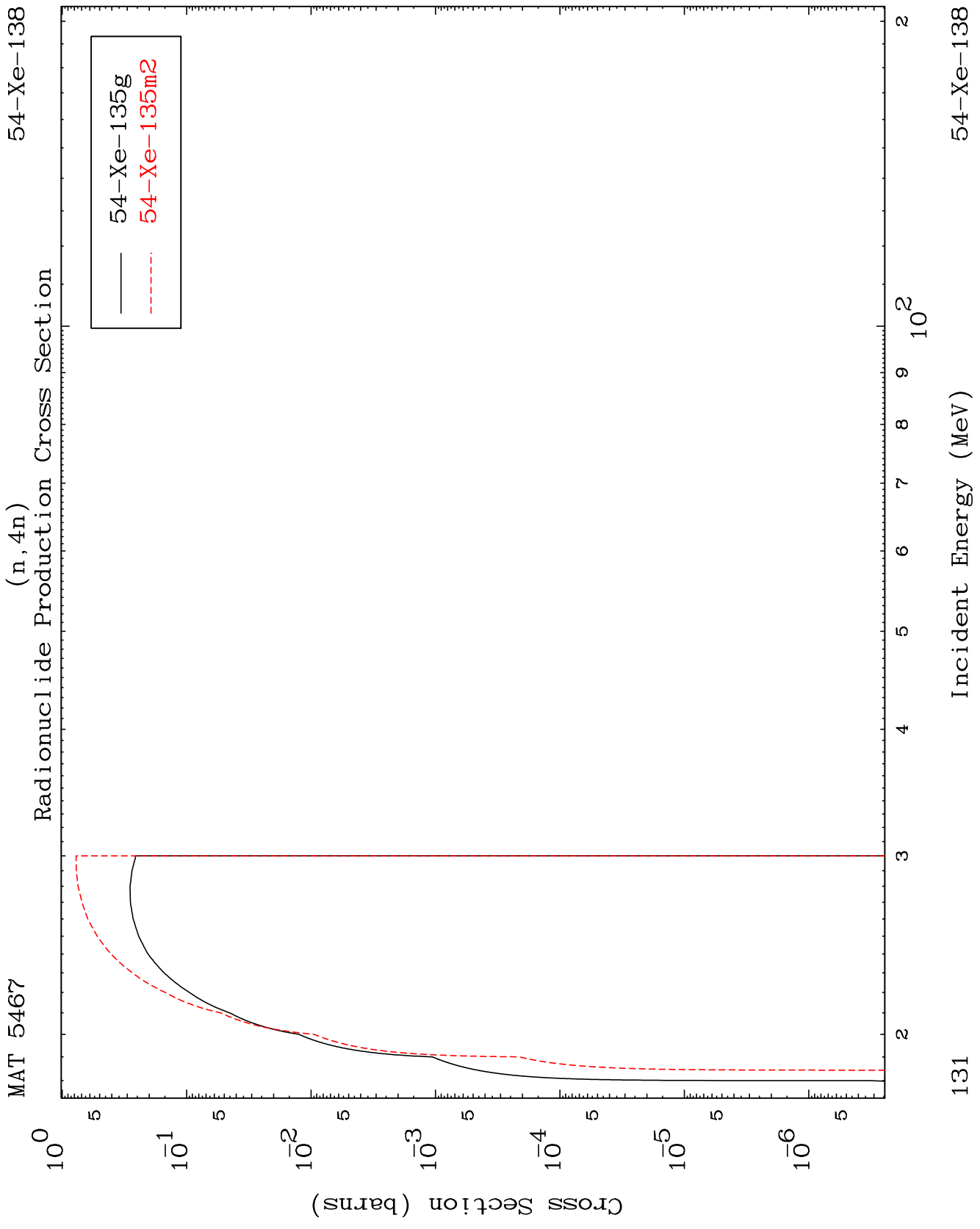
Radionuclide Production Cross Section



130

Incident Energy (MeV)

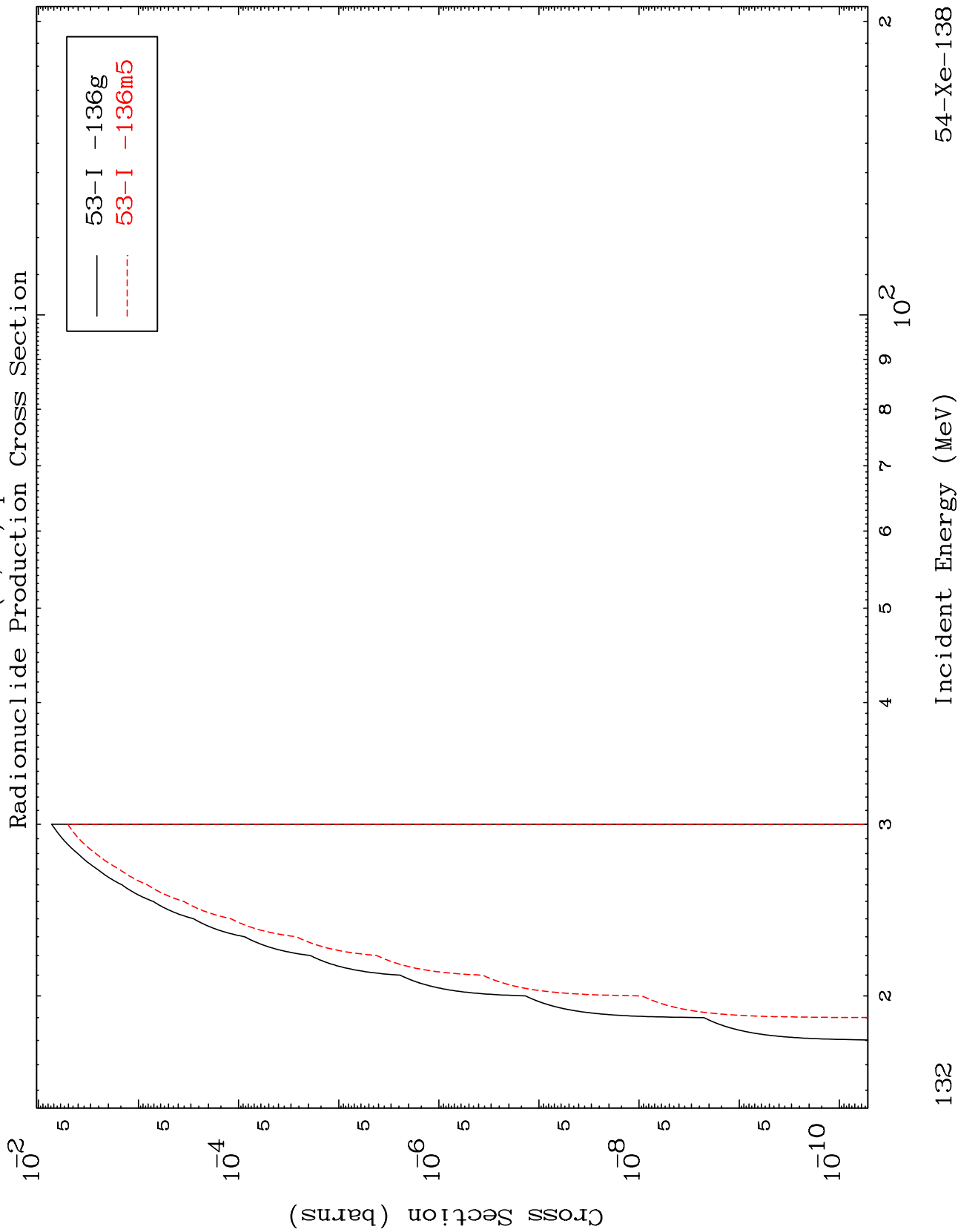
54-Xe-138



MAT 5467

(n,2n) p

54-Xe-138



132

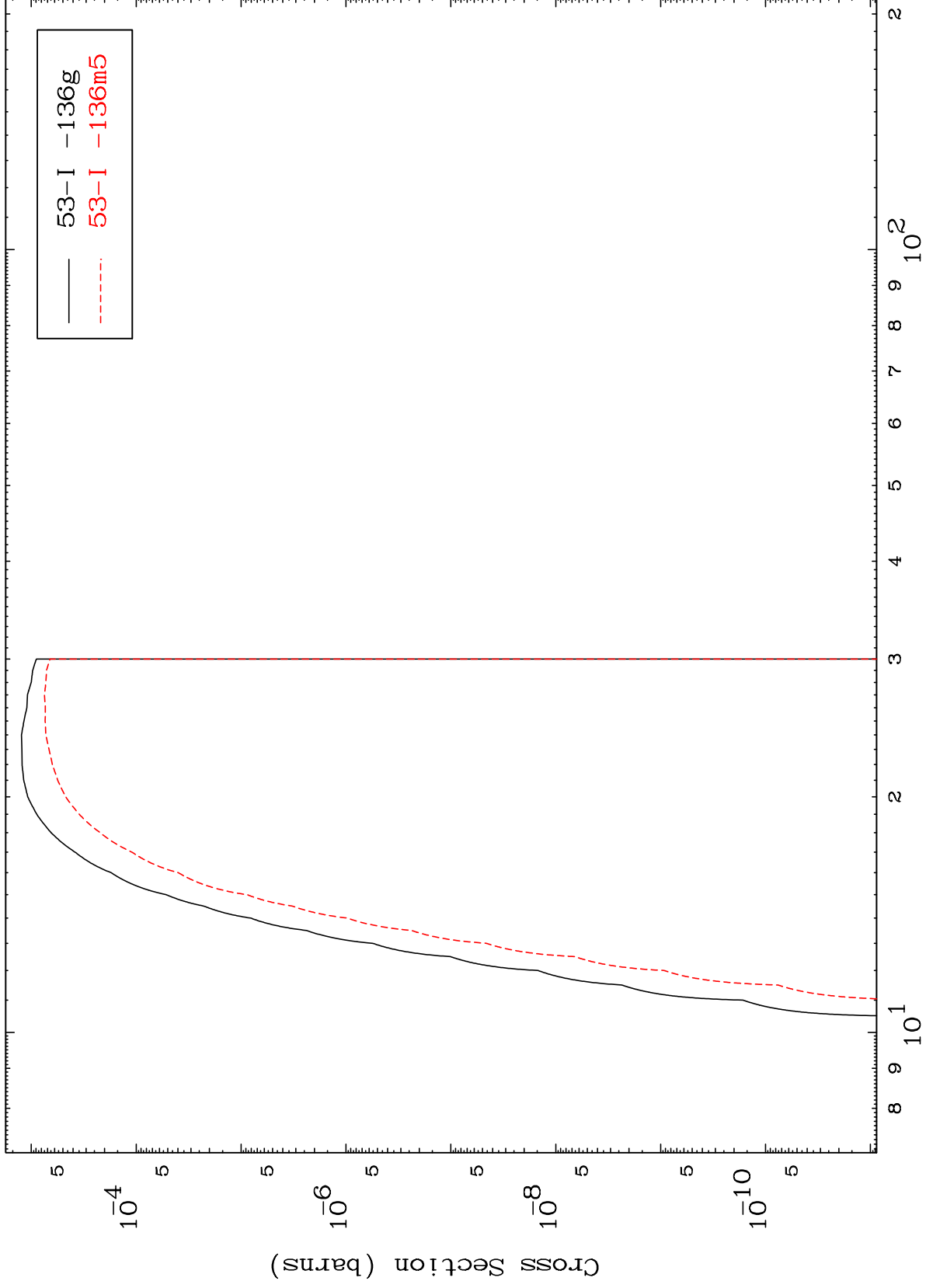
Incident Energy (MeV)

54-Xe-138

MAT 5467

54-Xe-138

(n, t)  
Radionuclide Production Cross Section



133

Incident Energy (MeV)

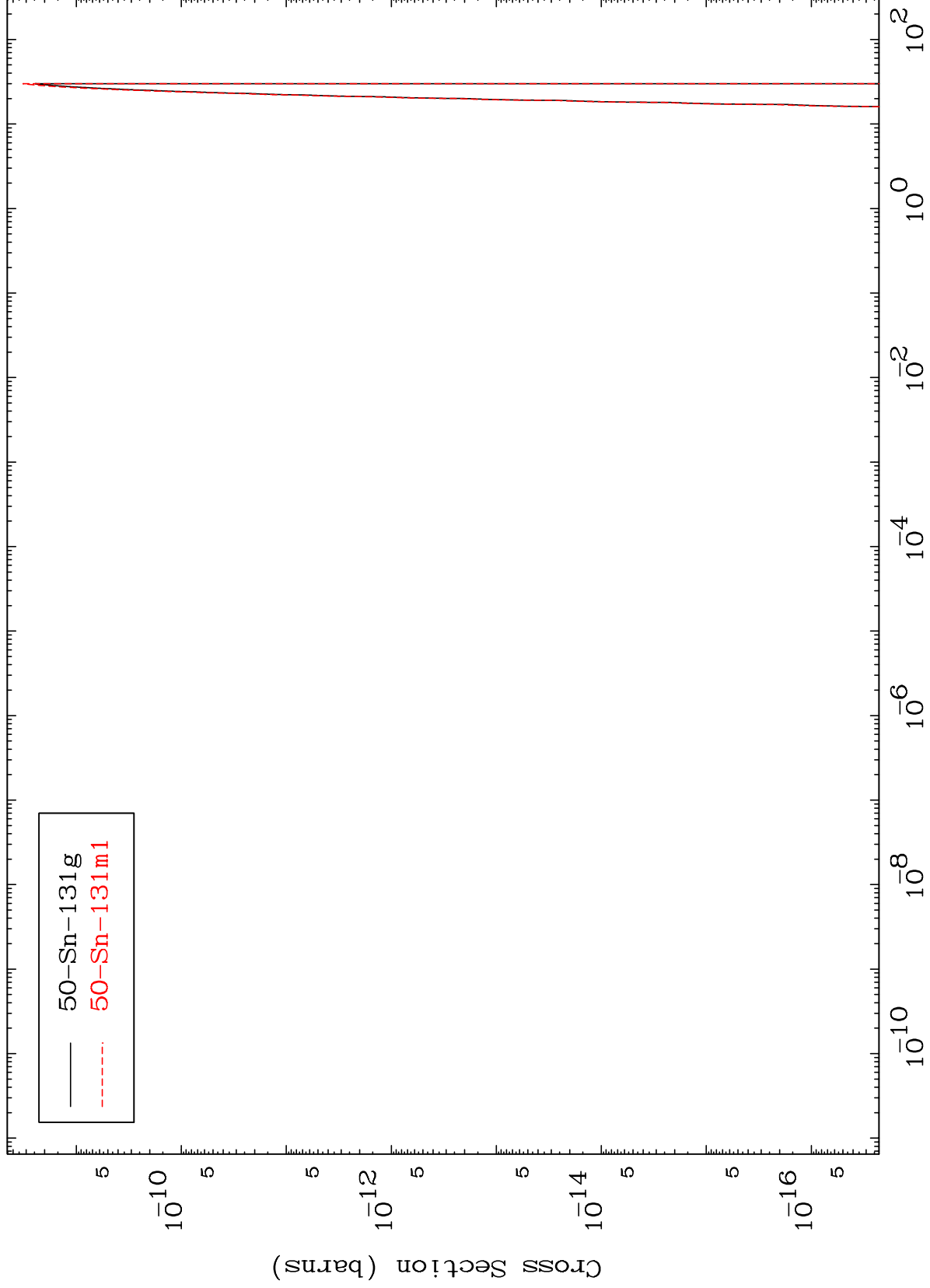
54-Xe-138

MAT 5467

(n,2α)

54-Xe-138

Radionuclide Production Cross Section



134

Incident Energy (MeV)

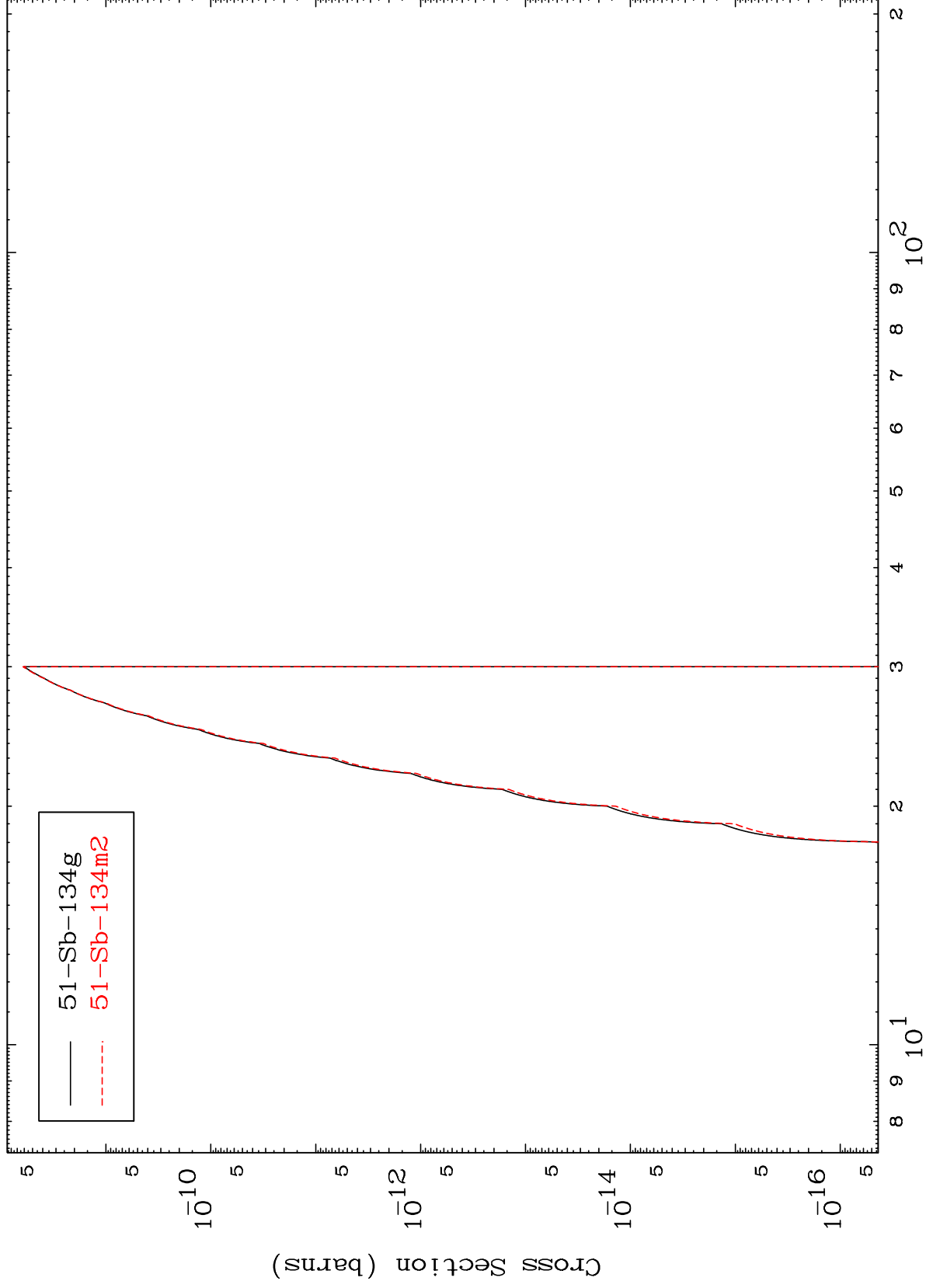
54-Xe-138

MAT 5467

(n,p)  $\alpha$

54-Xe-138

Radionuclide Production Cross Section



135

Incident Energy (MeV)

54-Xe-138