

Program EVALPLOT
(Version 2018-1)

by

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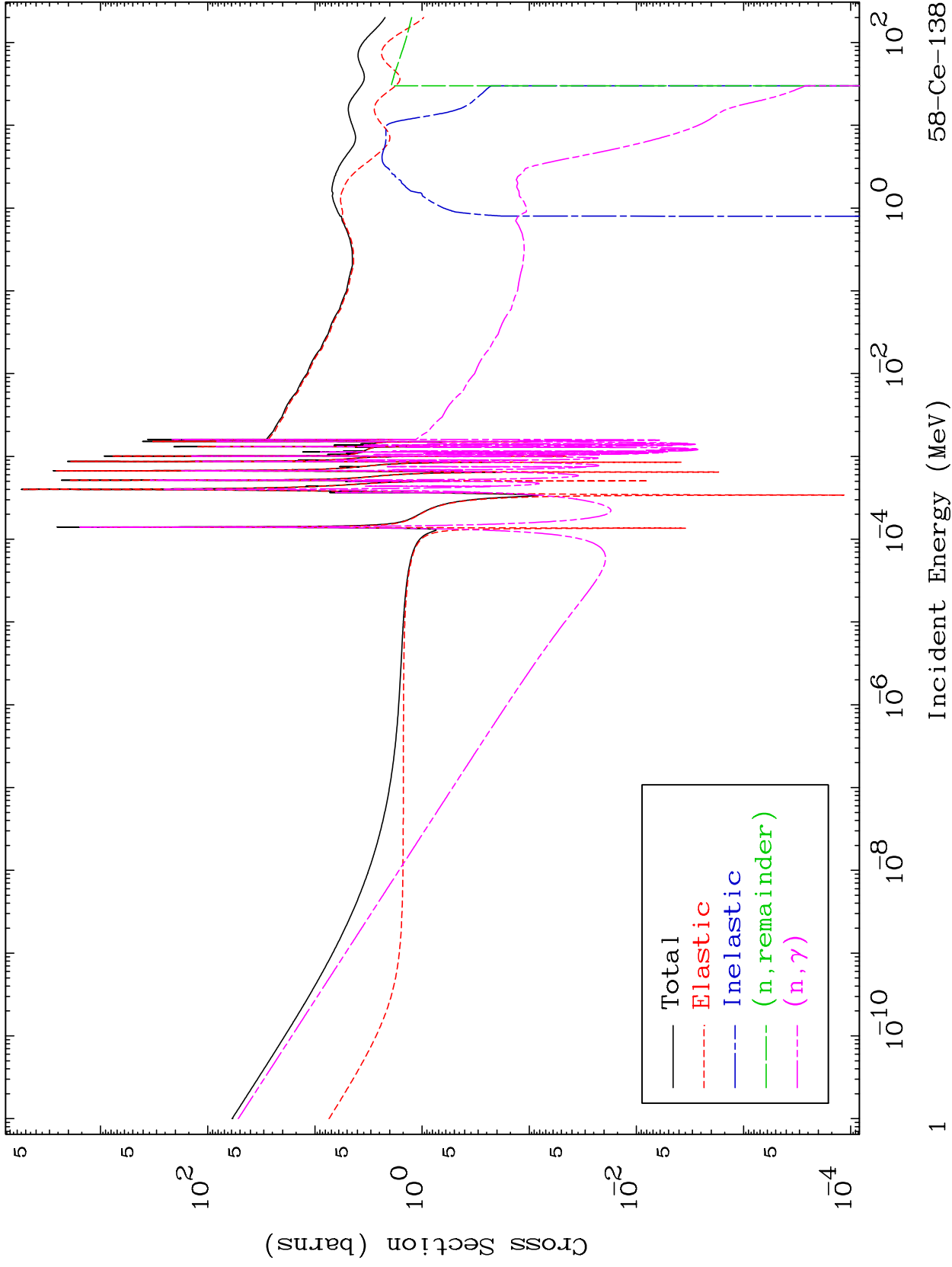
Press Mouse Button to Start

MAT 5831

Major

293 Kelvin Cross Sections

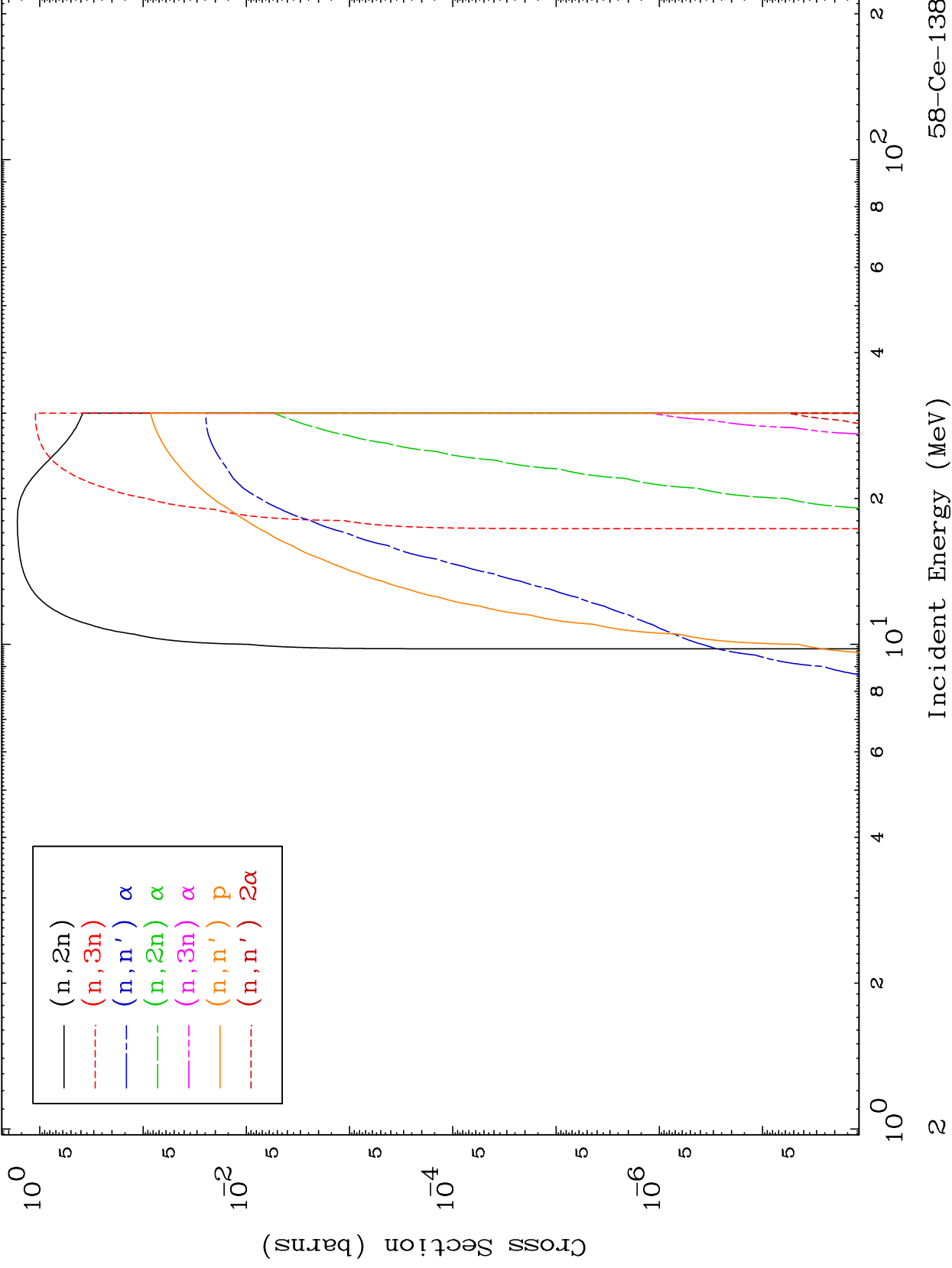
58-Ce-138

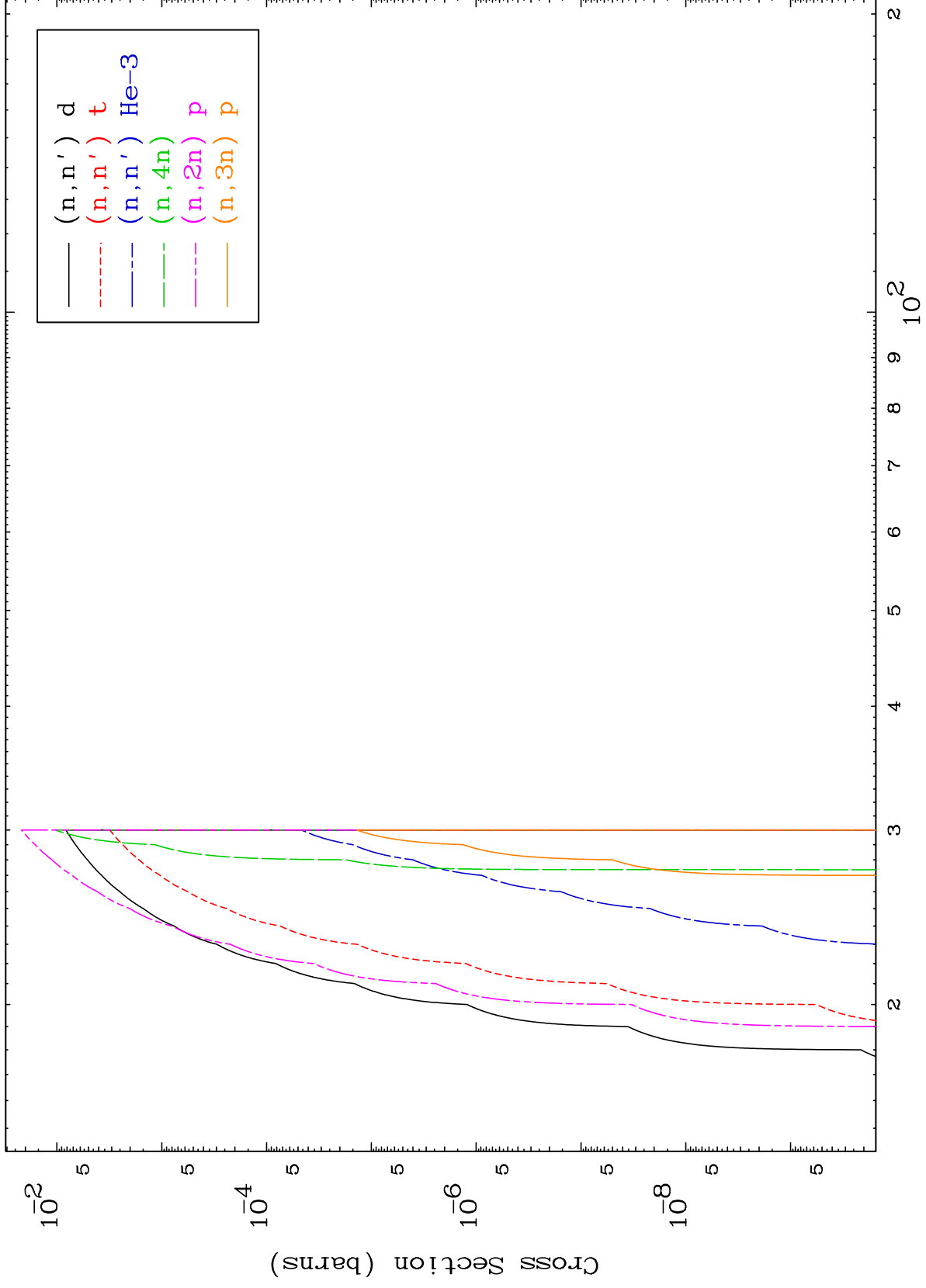


MAT 5831

Neutron Production
293 Kelvin Cross Sections

58-Ce-138

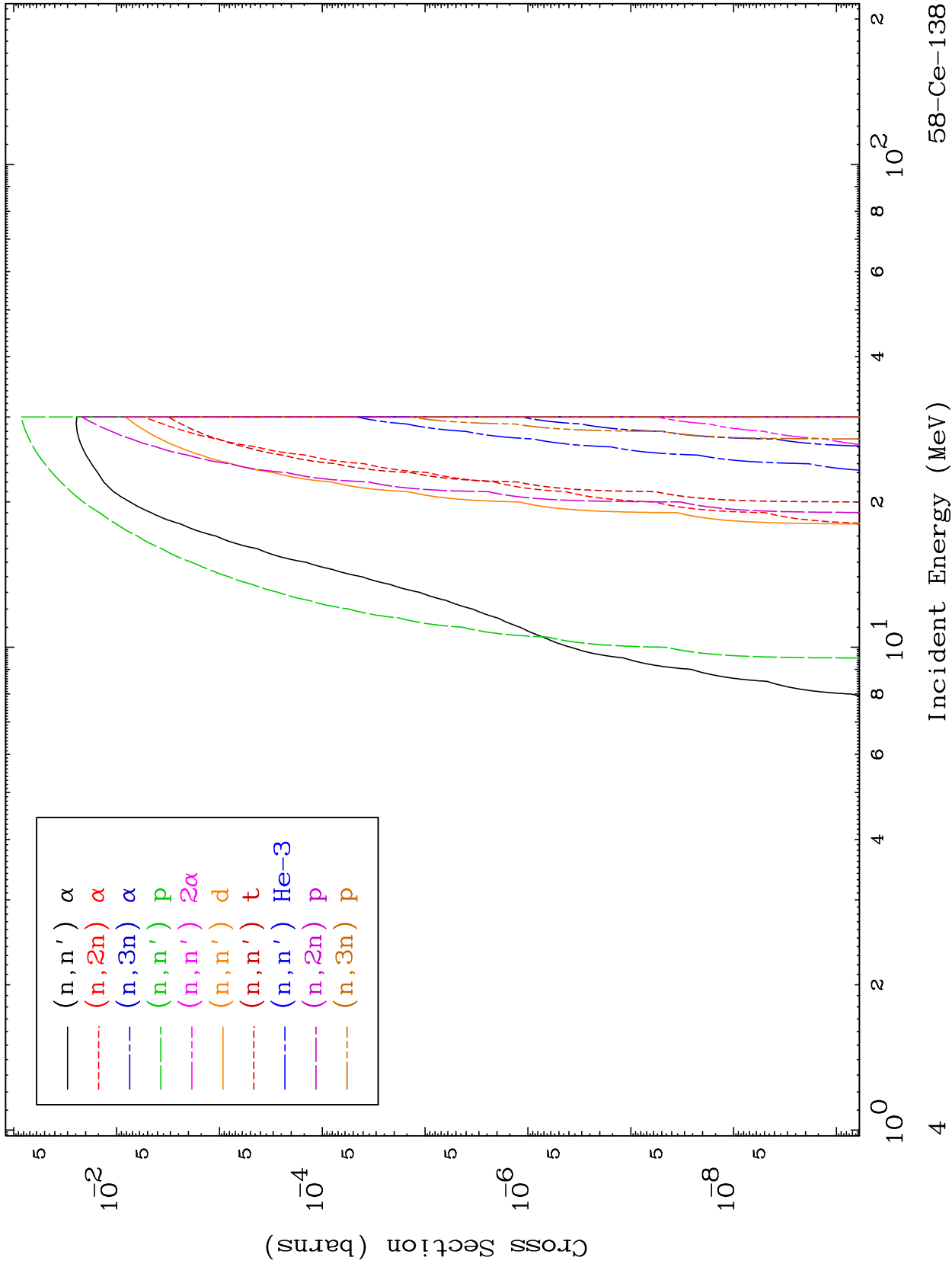




MAT 5831

Charged Particle
293 Kelvin Cross Sections

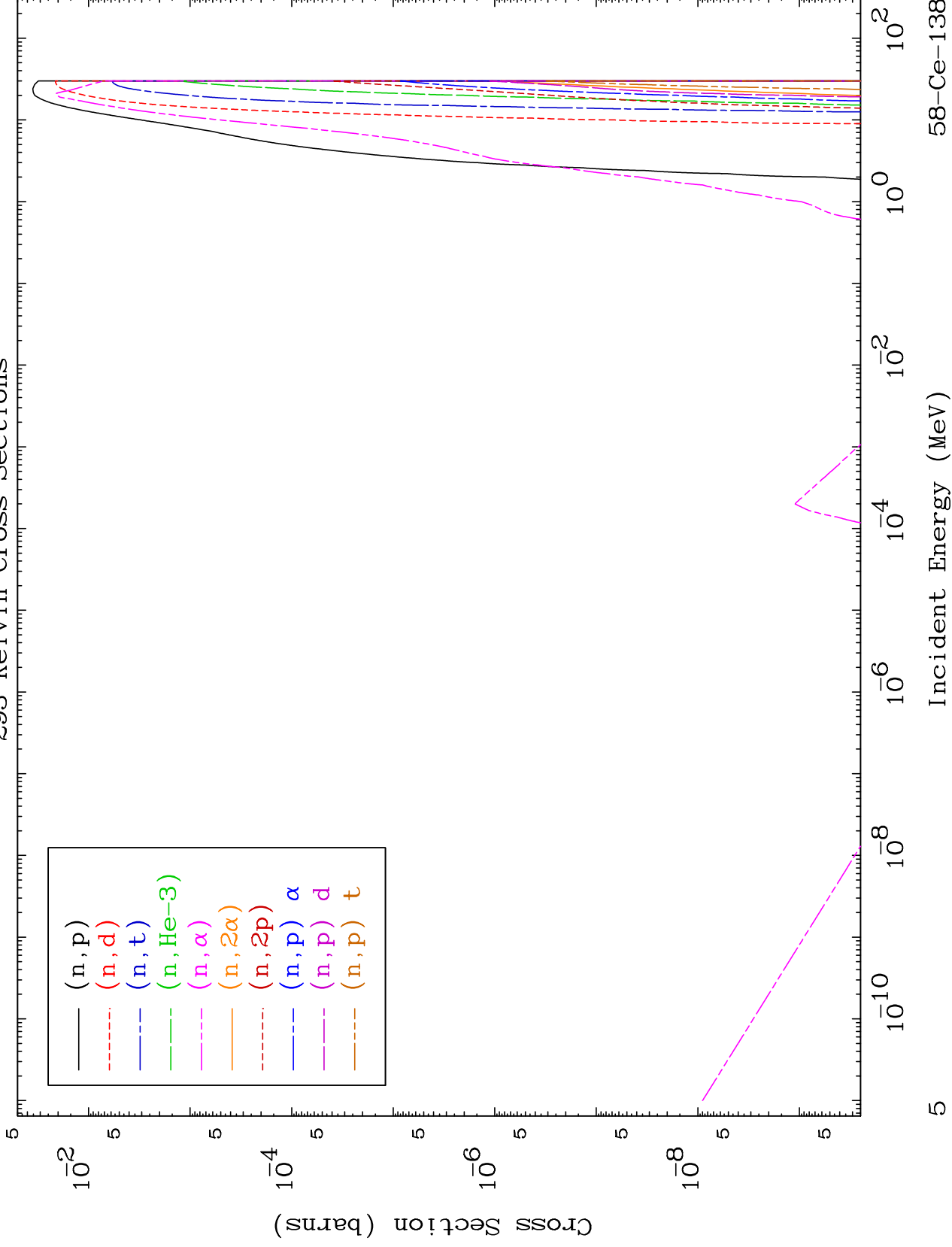
58-Ce-138



MAT 5831

Charged Particle
293 Kelvin Cross Sections

58-Ce-138



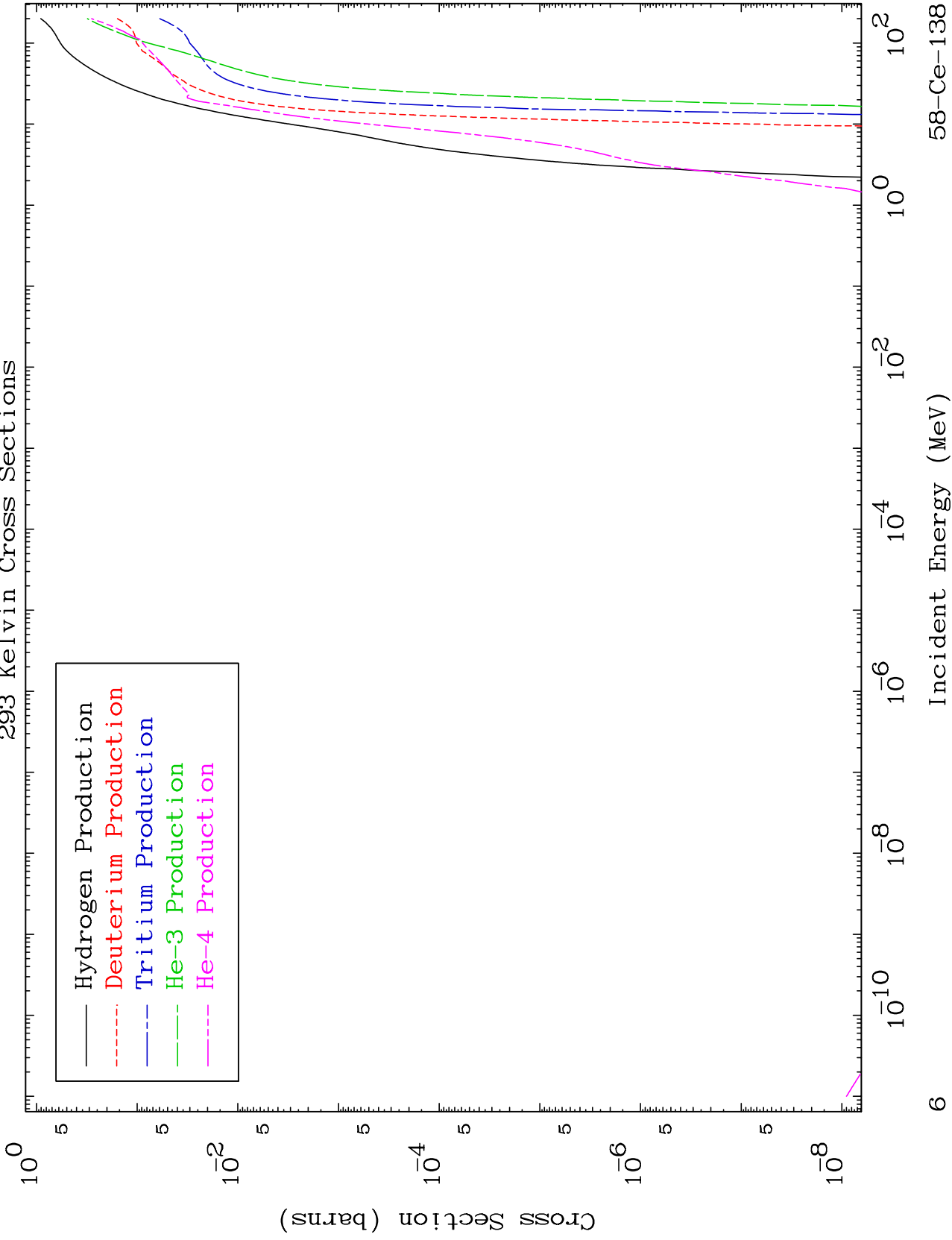
5

58-Ce-138

MAT 5831

Particle Production
293 Kelvin Cross Sections

58-Ce-138

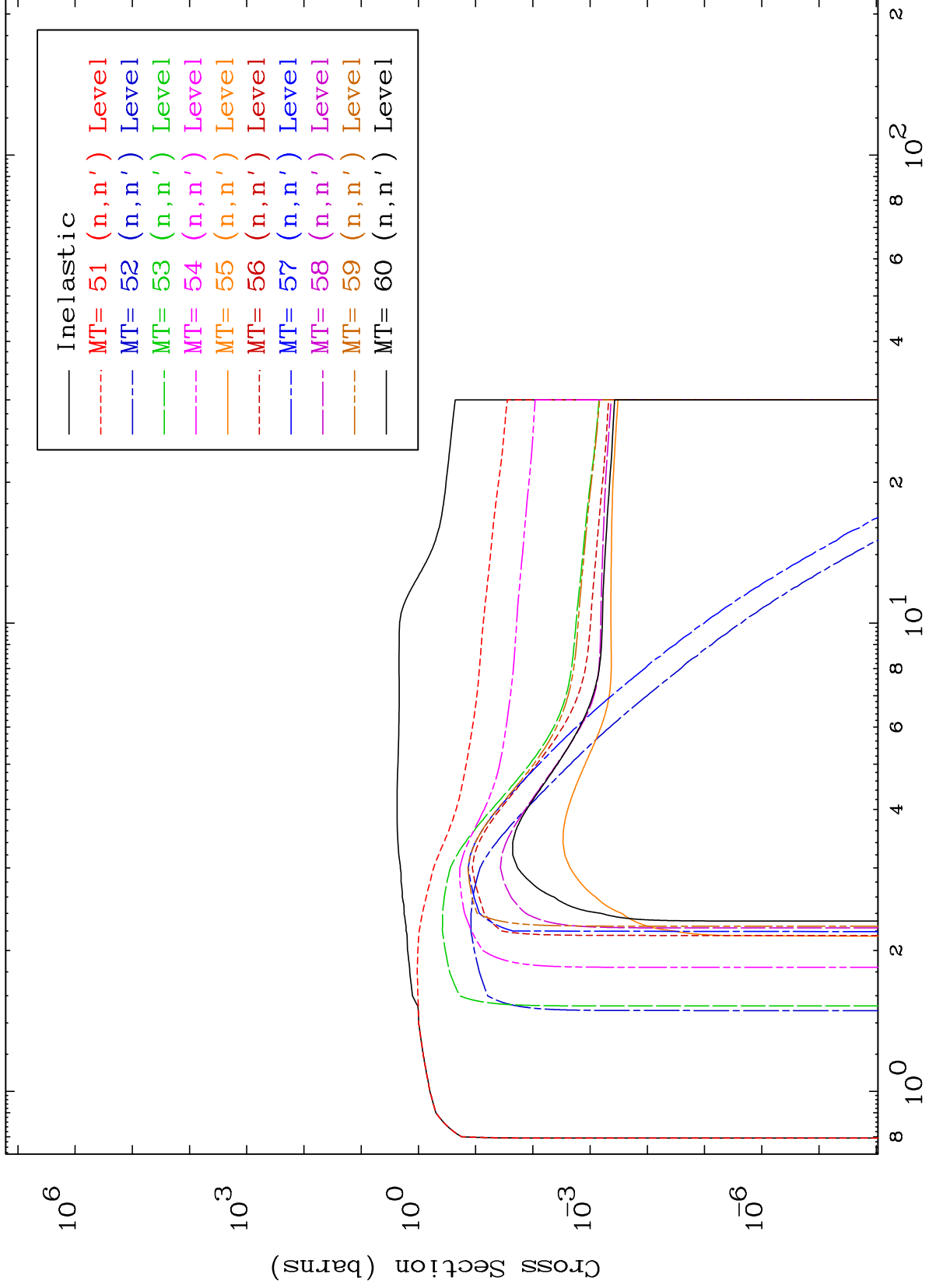


MAT 5831

(n,n') Level

58-Ce-138

293 Kelvin Cross Sections



Incident Energy (MeV)

58-Ce-138

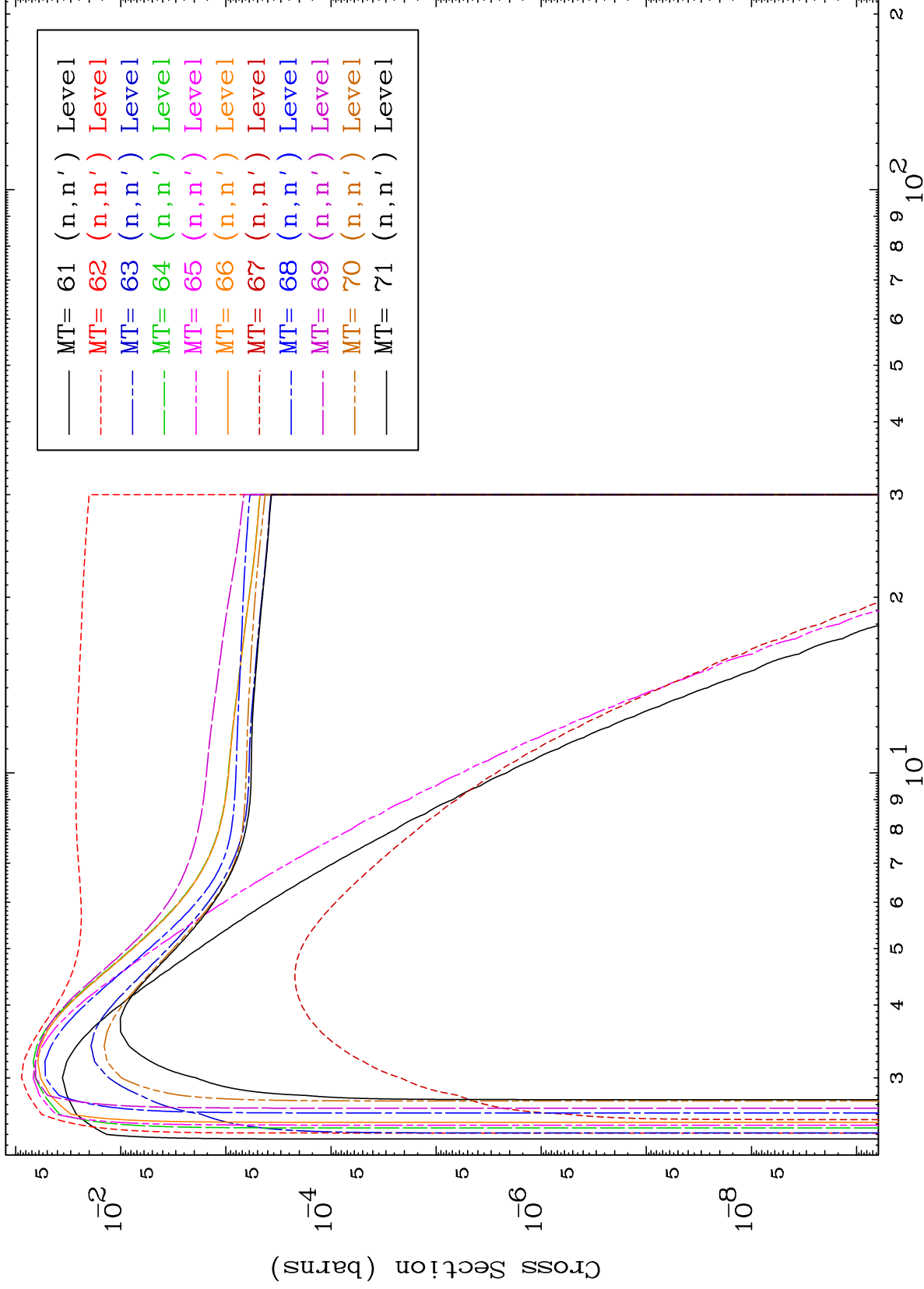
7

MAT 5831

(n,n') Level

58-Ce-138

293 Kelvin Cross Sections

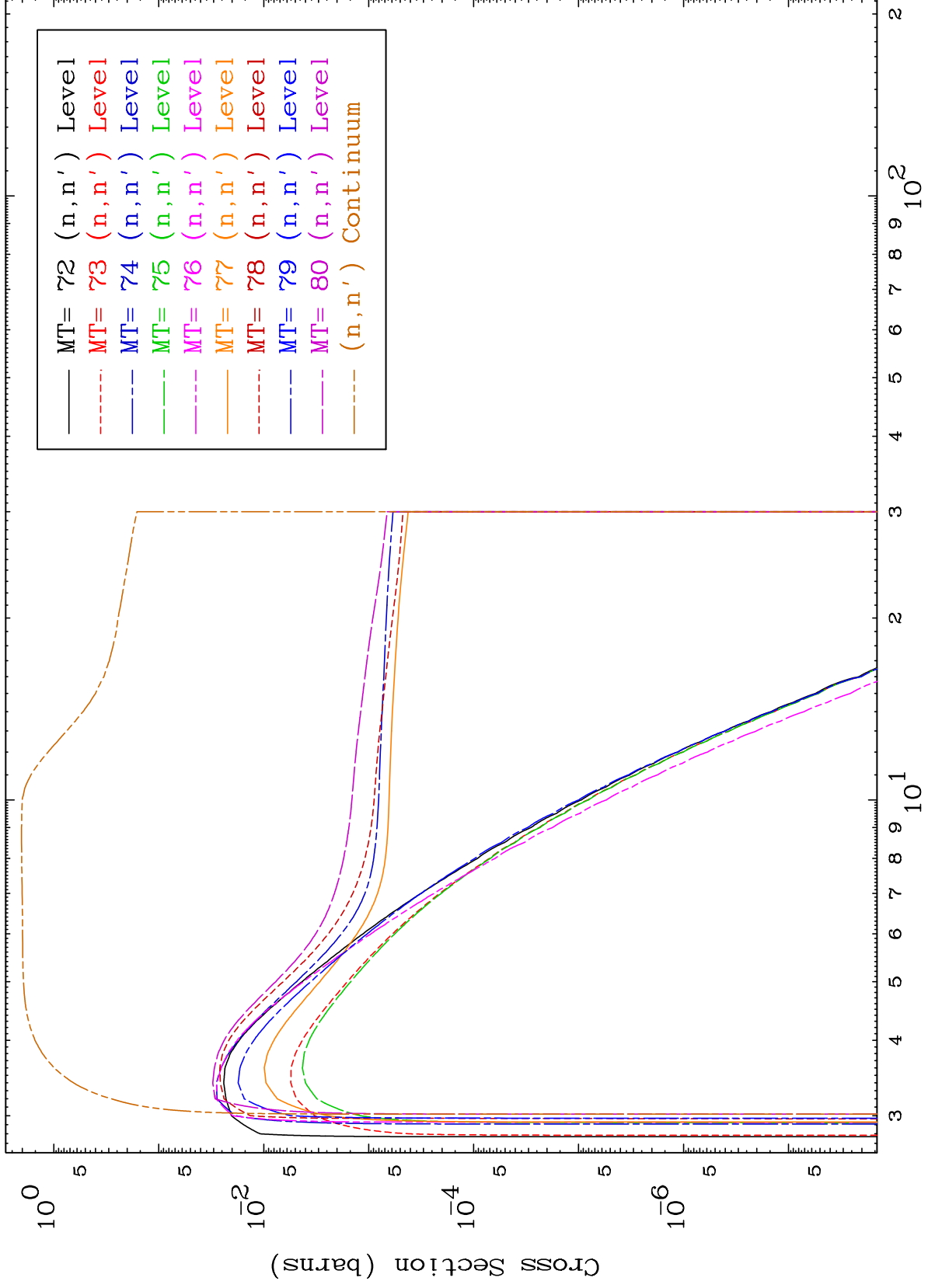


8

Incident Energy (MeV)

58-Ce-138

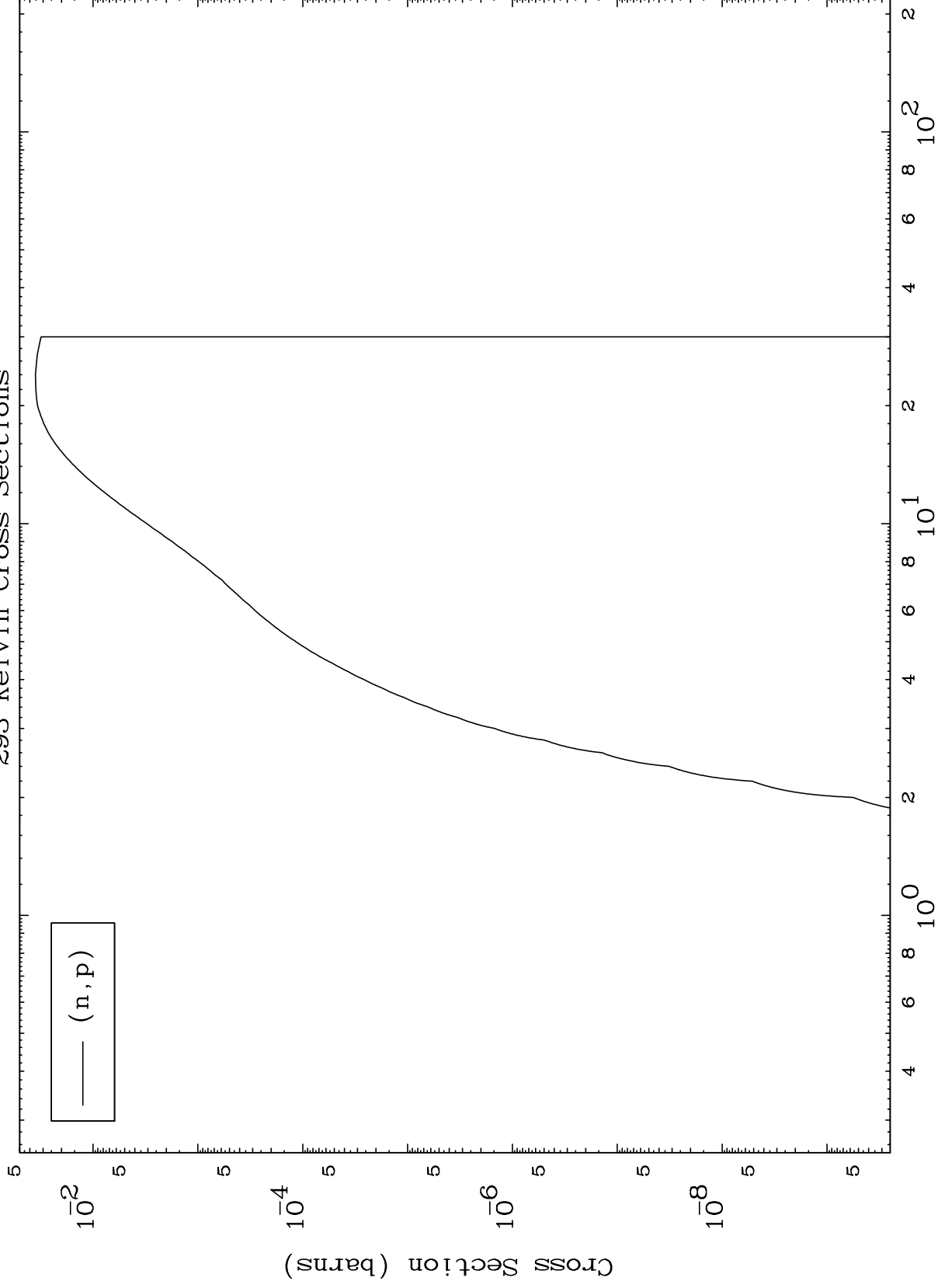
293 Kelvin Cross Sections



MAT 5831

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-138



10

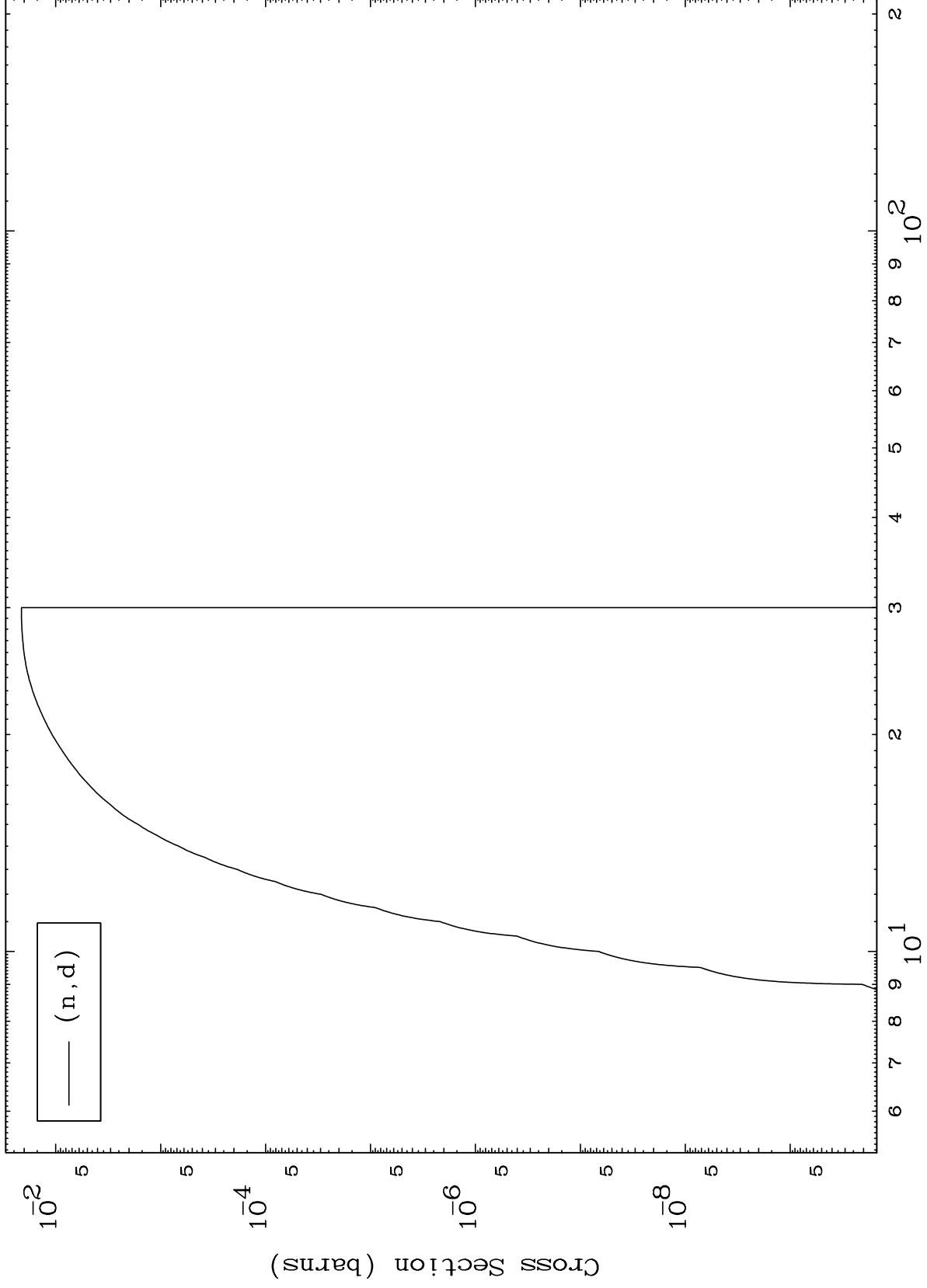
Incident Energy (MeV)

58-Ce-138

MAT 5831

(n,d) Levels
293 Kelvin Cross Sections

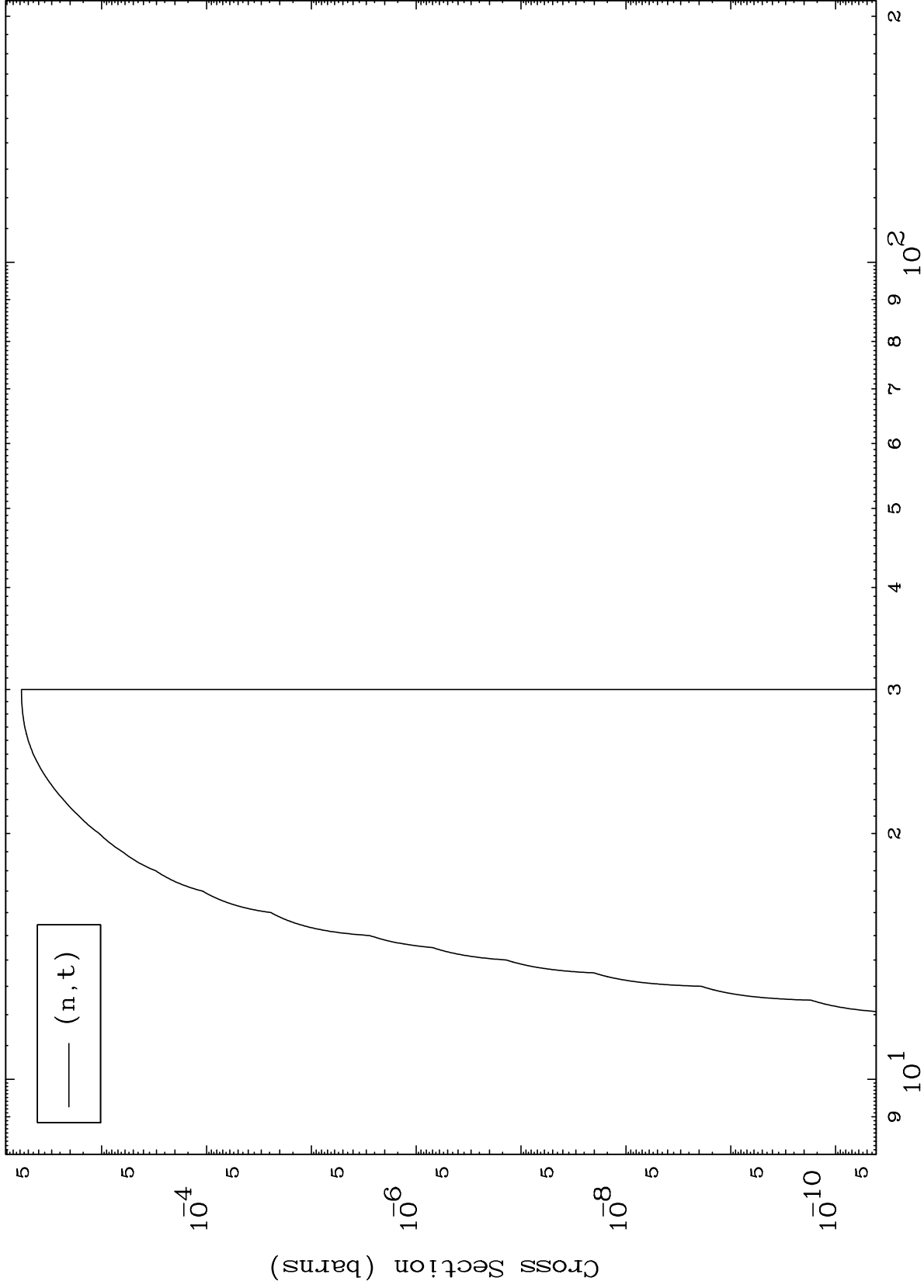
58-Ce-138



MAT 5831

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-138



12

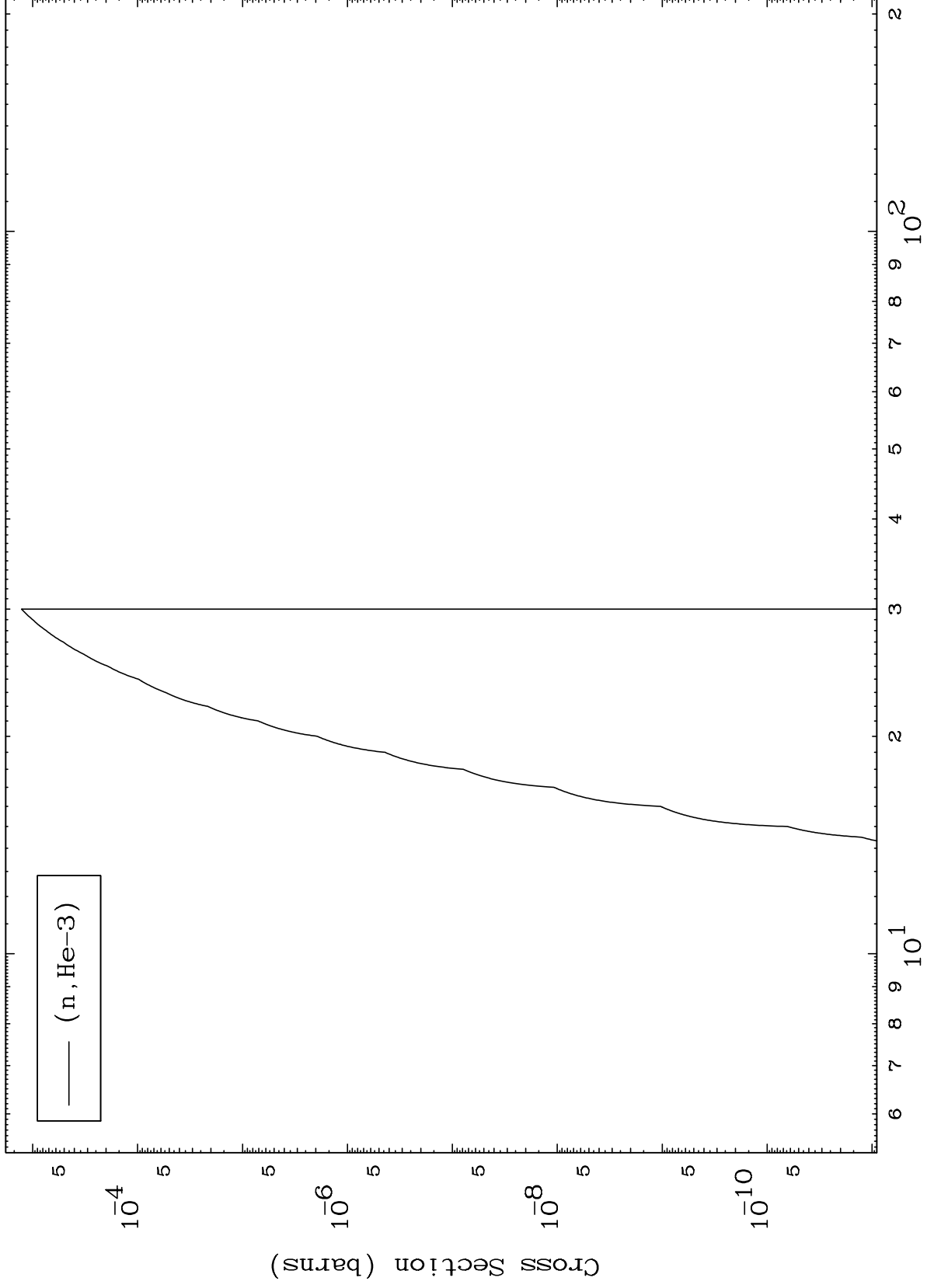
Incident Energy (MeV)

58-Ce-138

MAT 5831

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-138



13

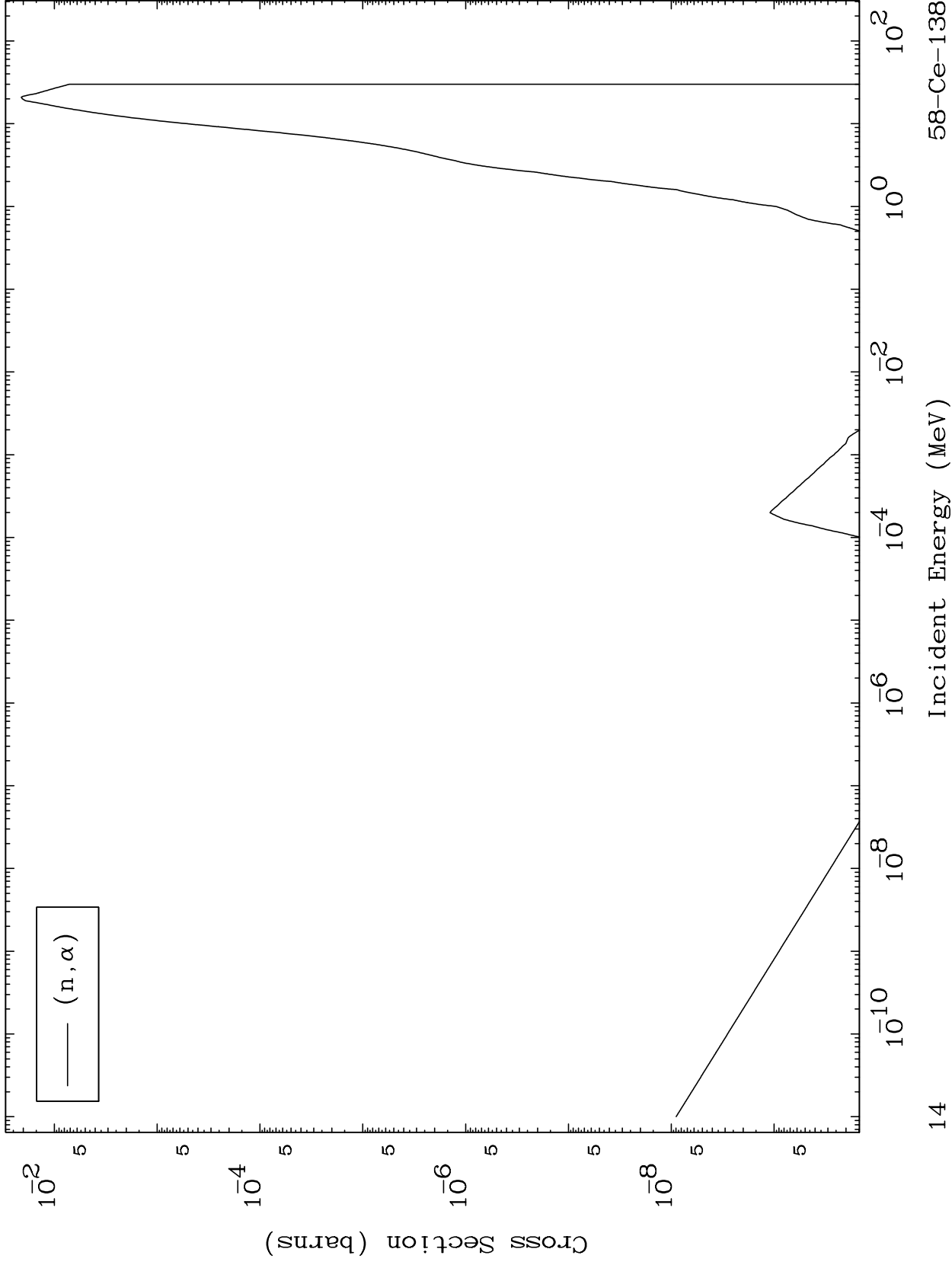
Incident Energy (MeV)

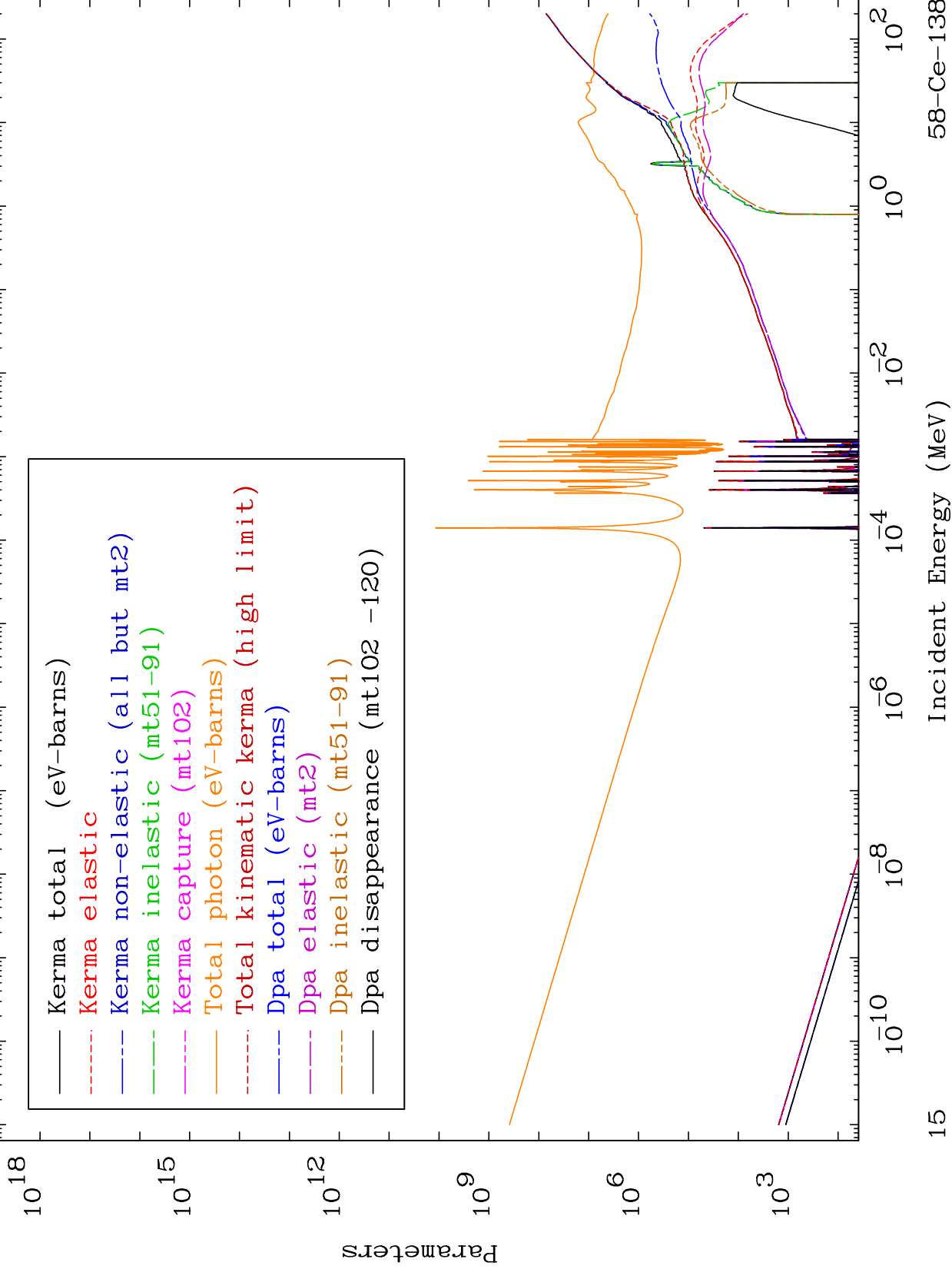
58-Ce-138

MAT 5831

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-138

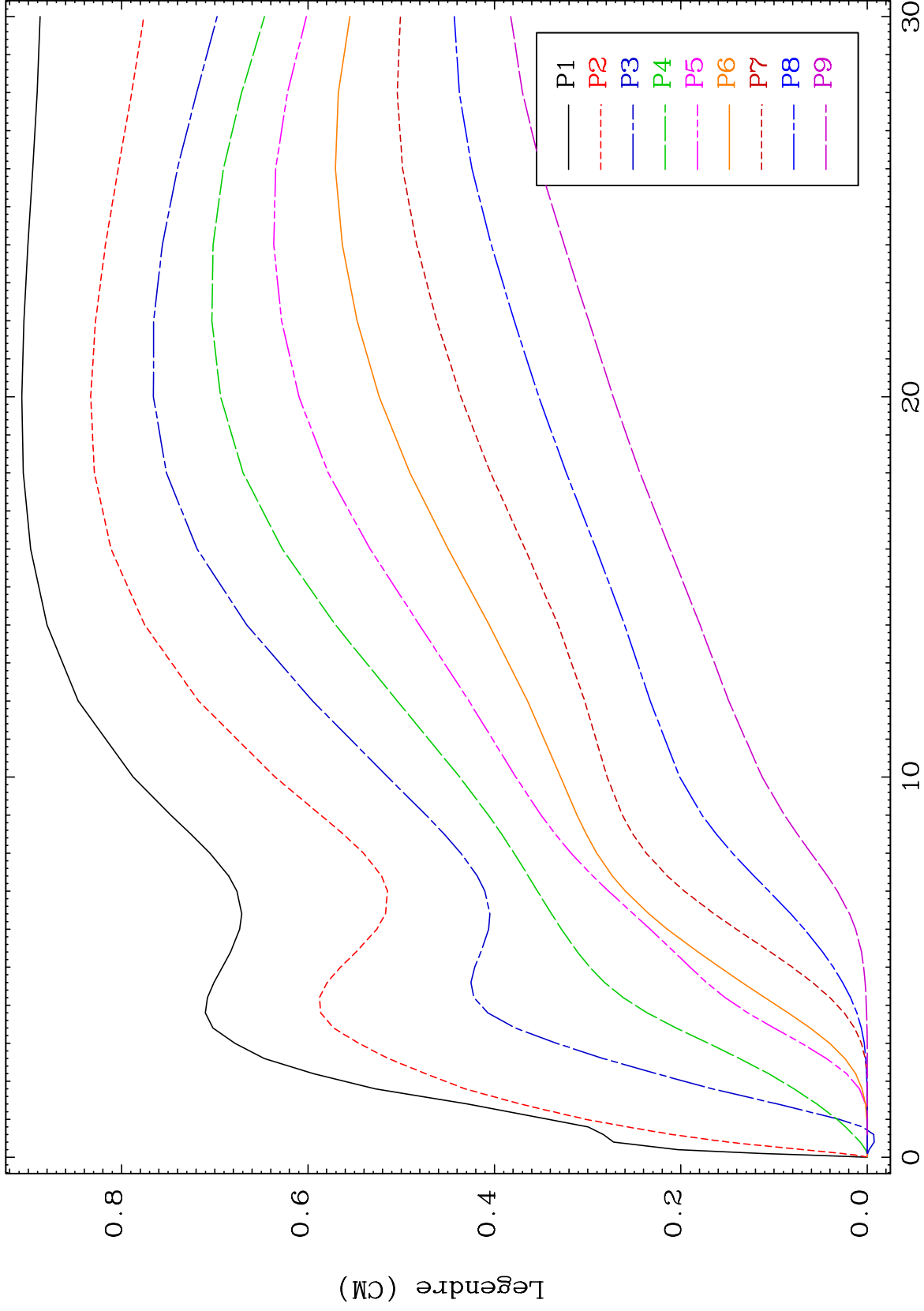




MAT 5831

Elastic Legendre Coefficients

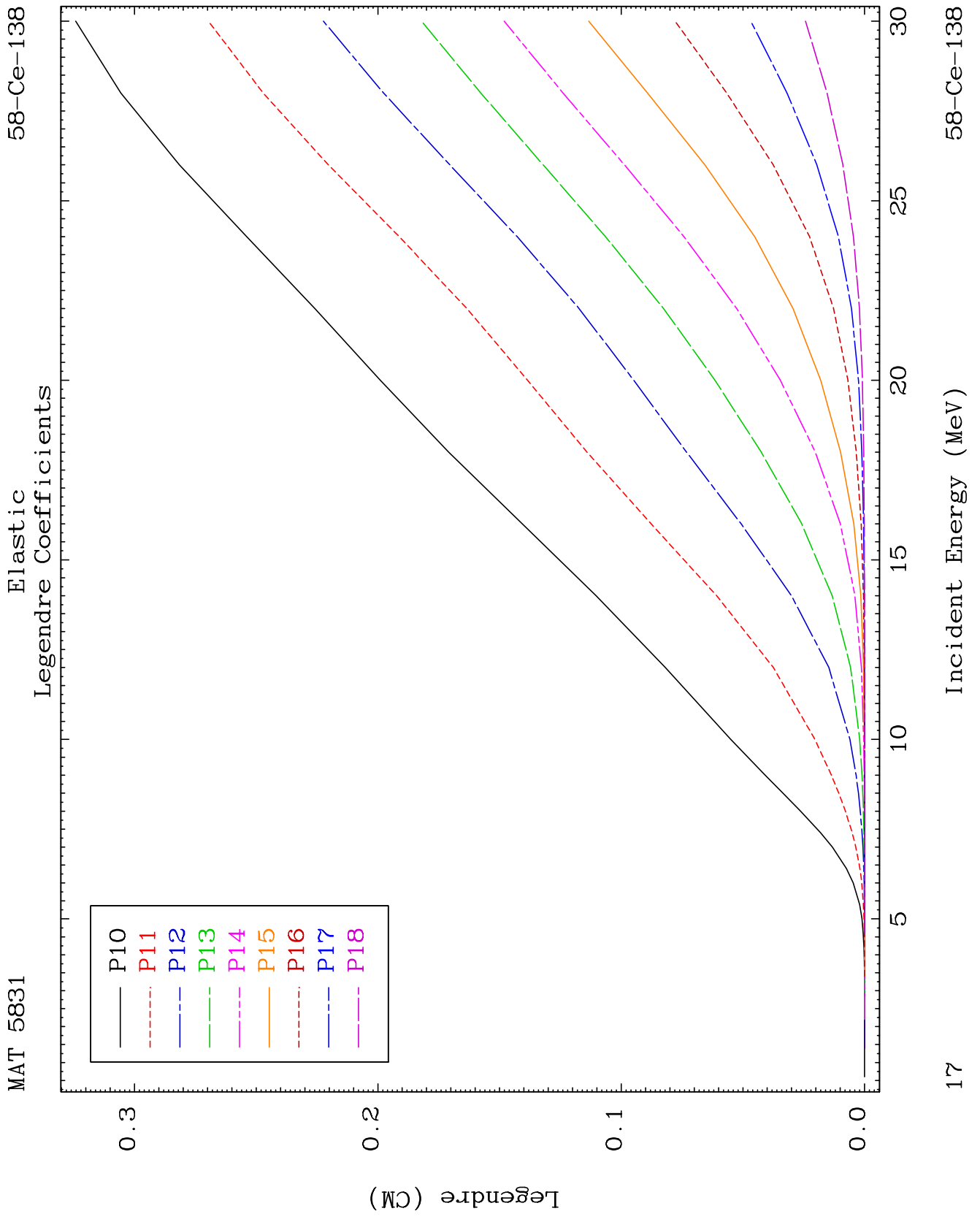
58-Ce-138



16

Incident Energy (MeV)

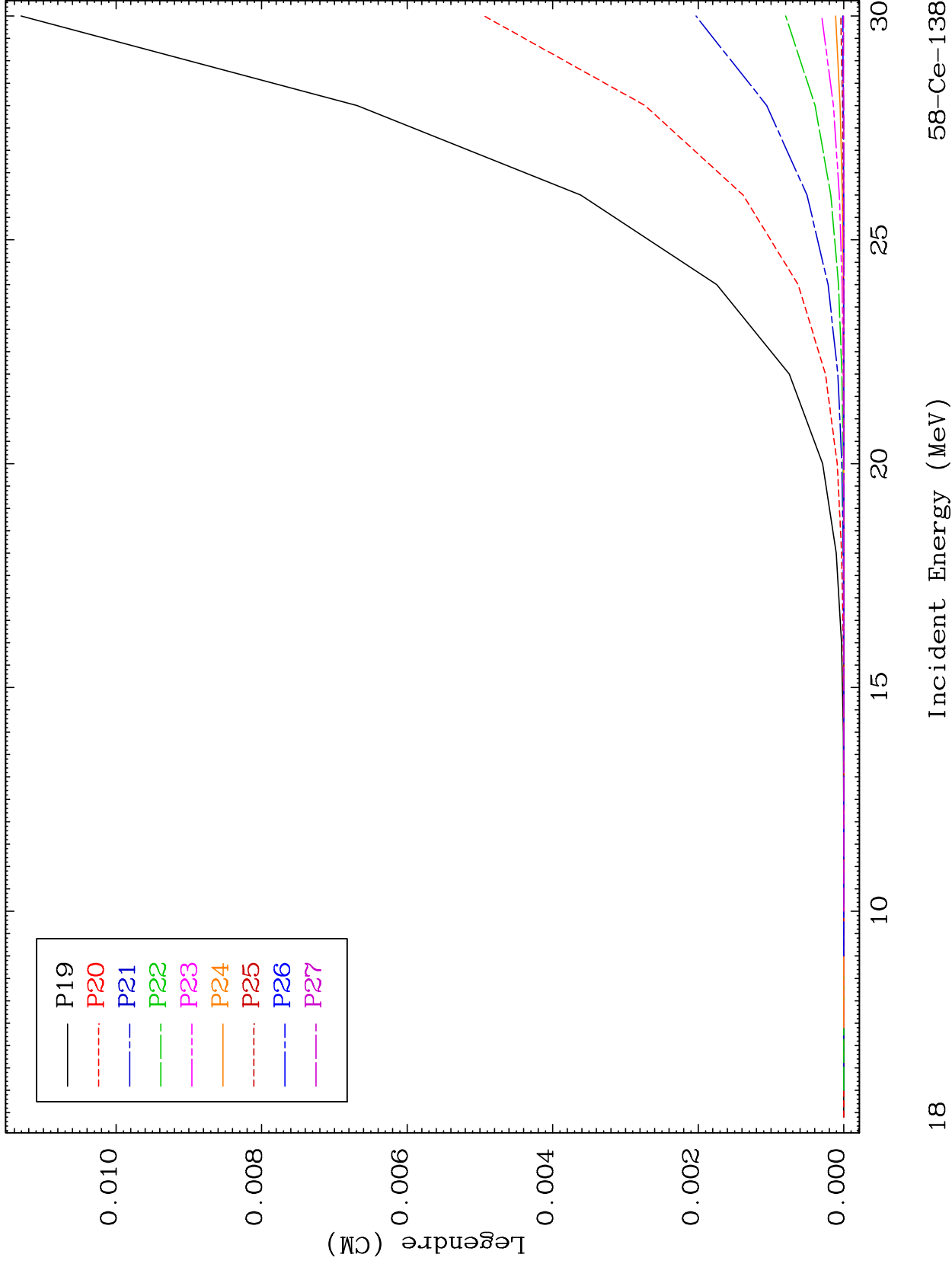
58-Ce-138



MAT 5831

Elastic Legendre Coefficients

58-Ce-138



18

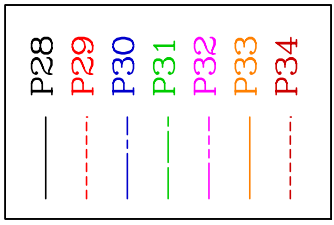
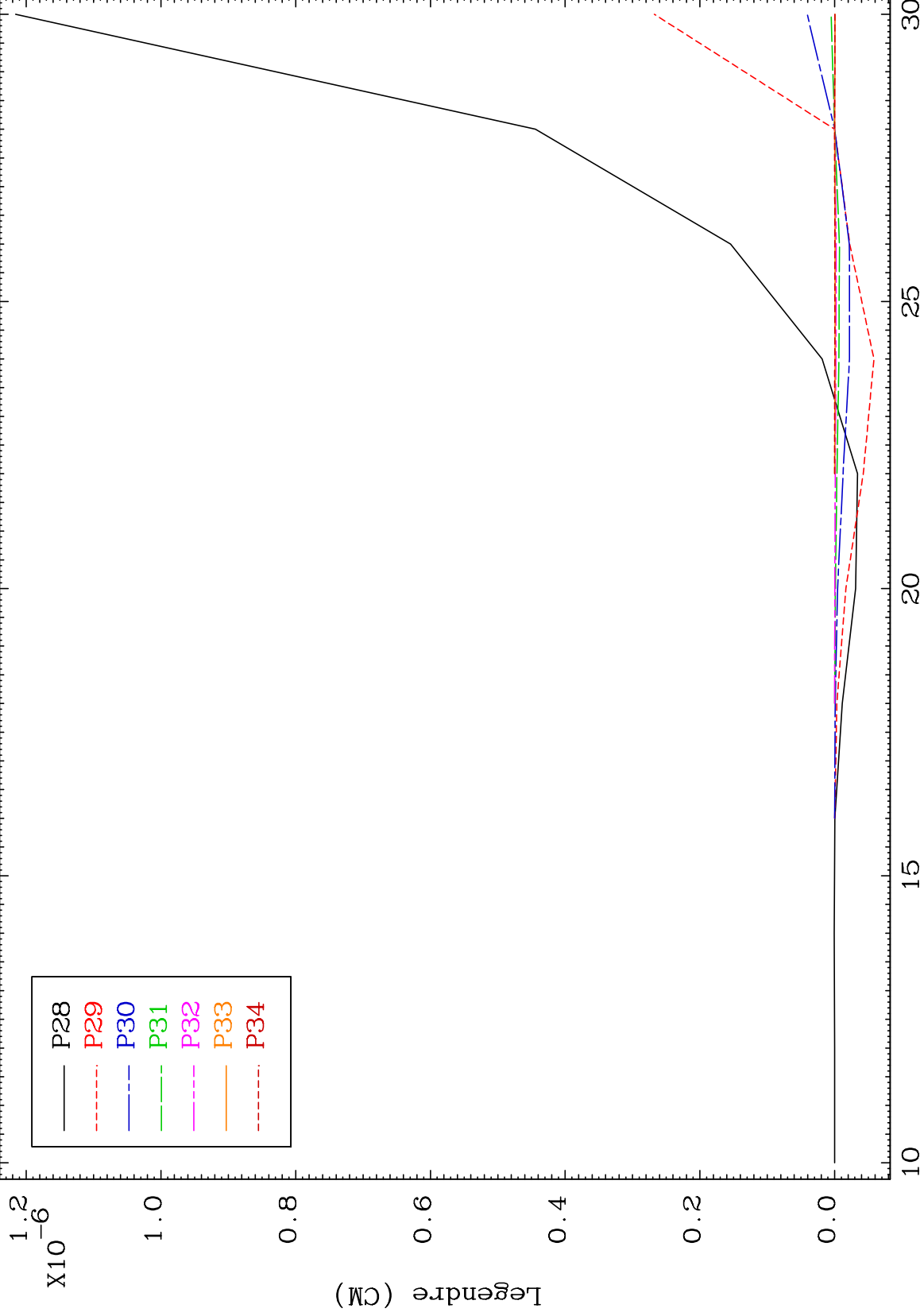
Incident Energy (MeV)

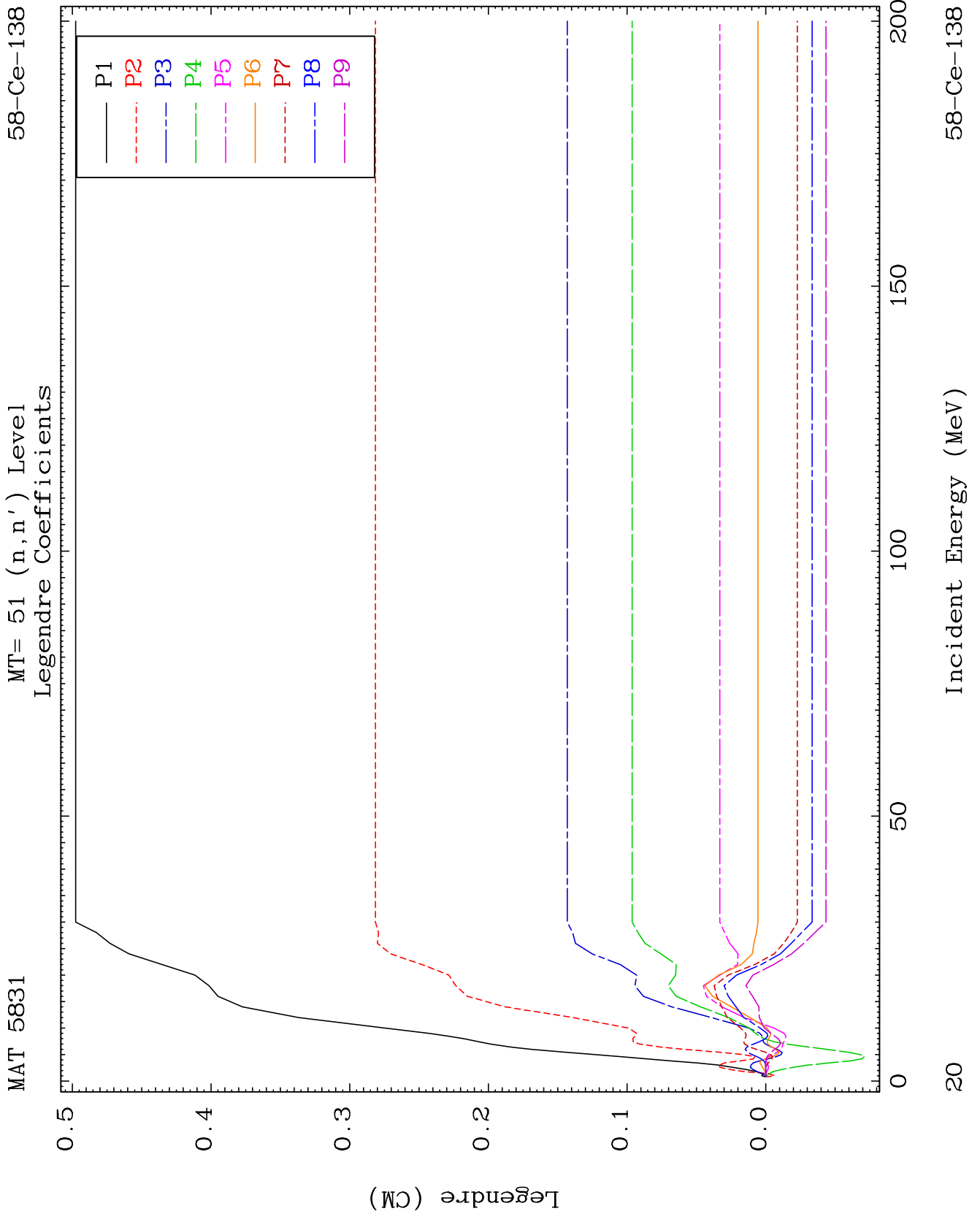
58-Ce-138

MAT 5831

Elastic
Legendre Coefficients

58-Ce-138

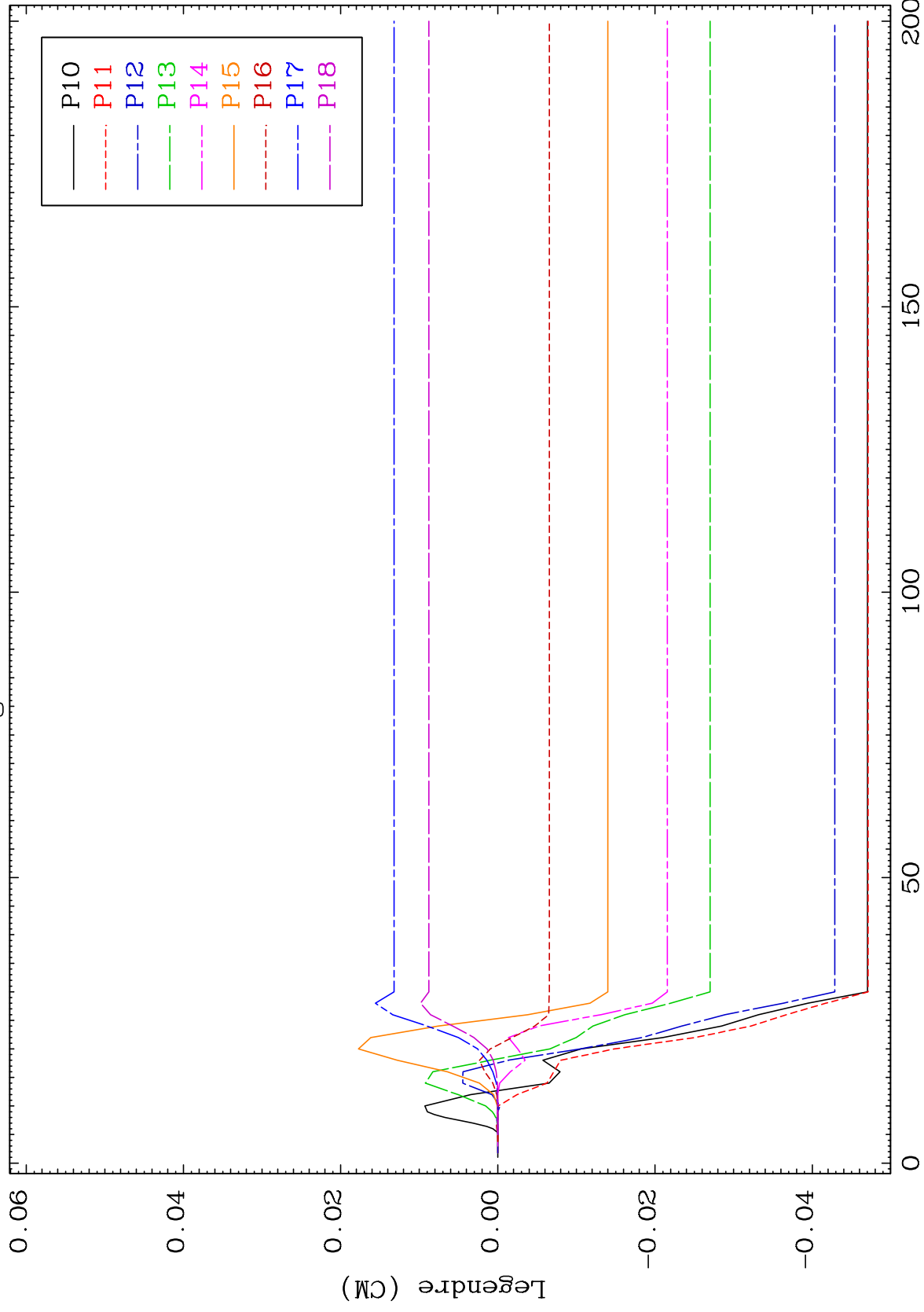




MAT 5831

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

58-Ce-138



21

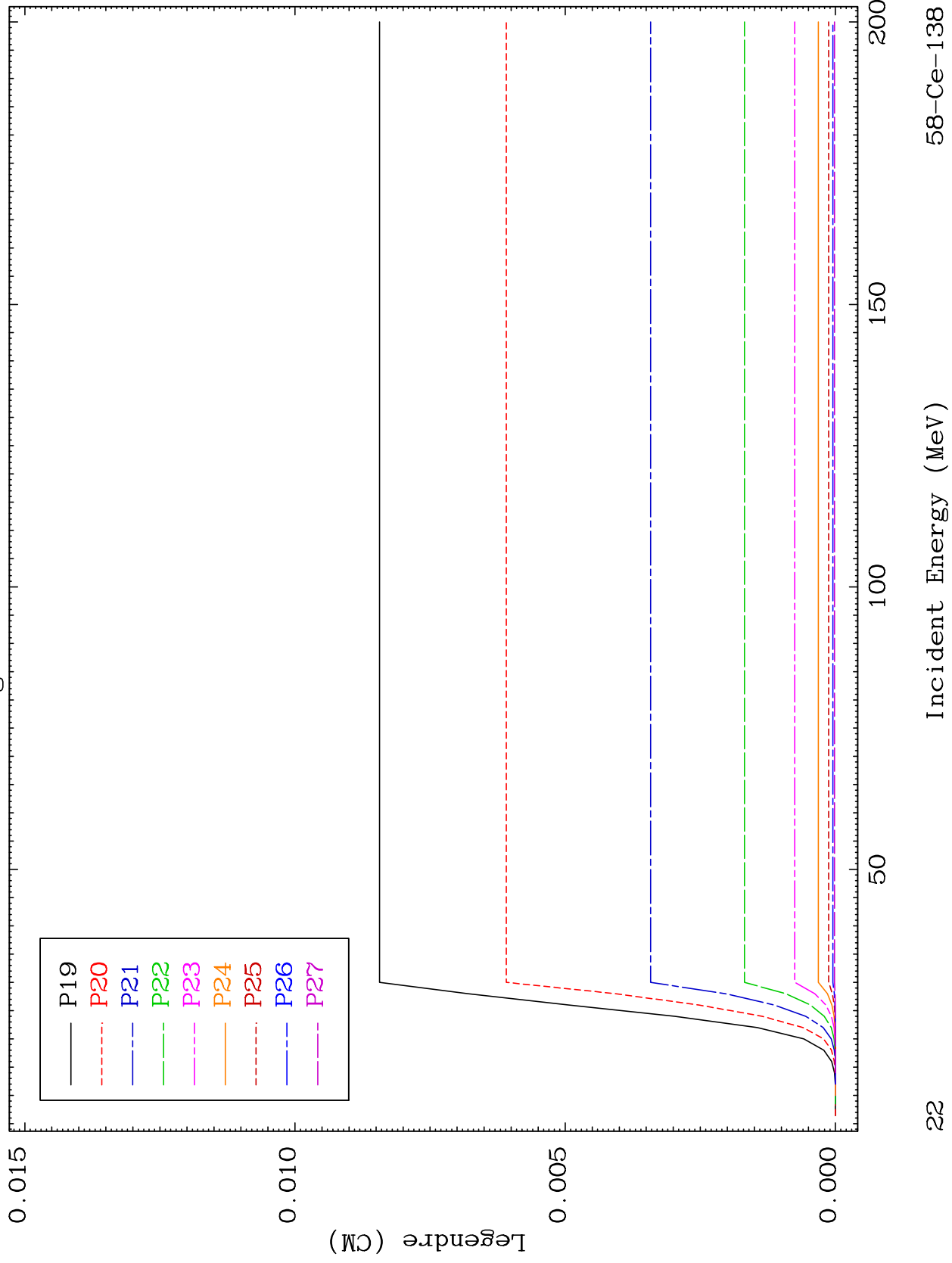
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



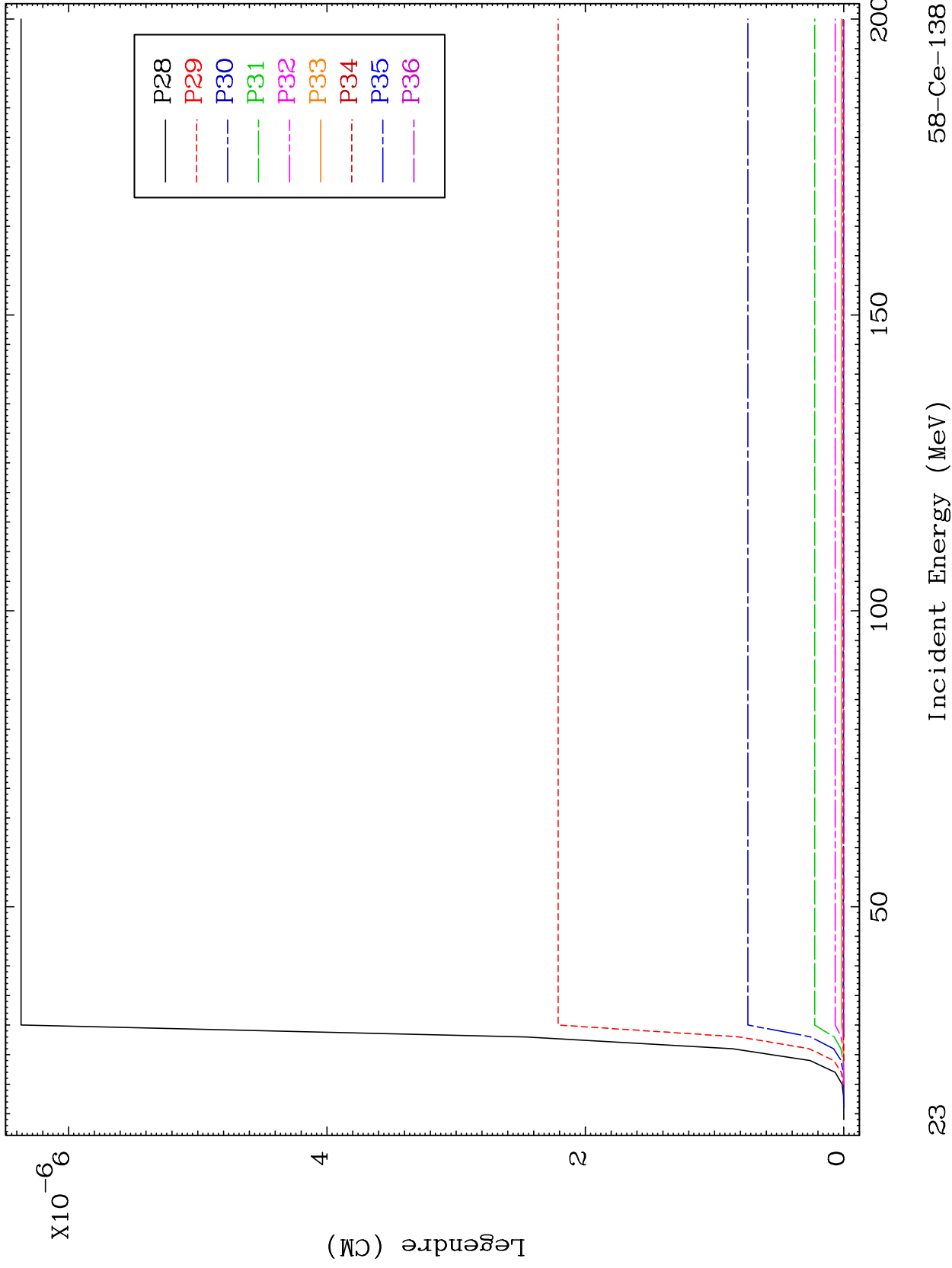
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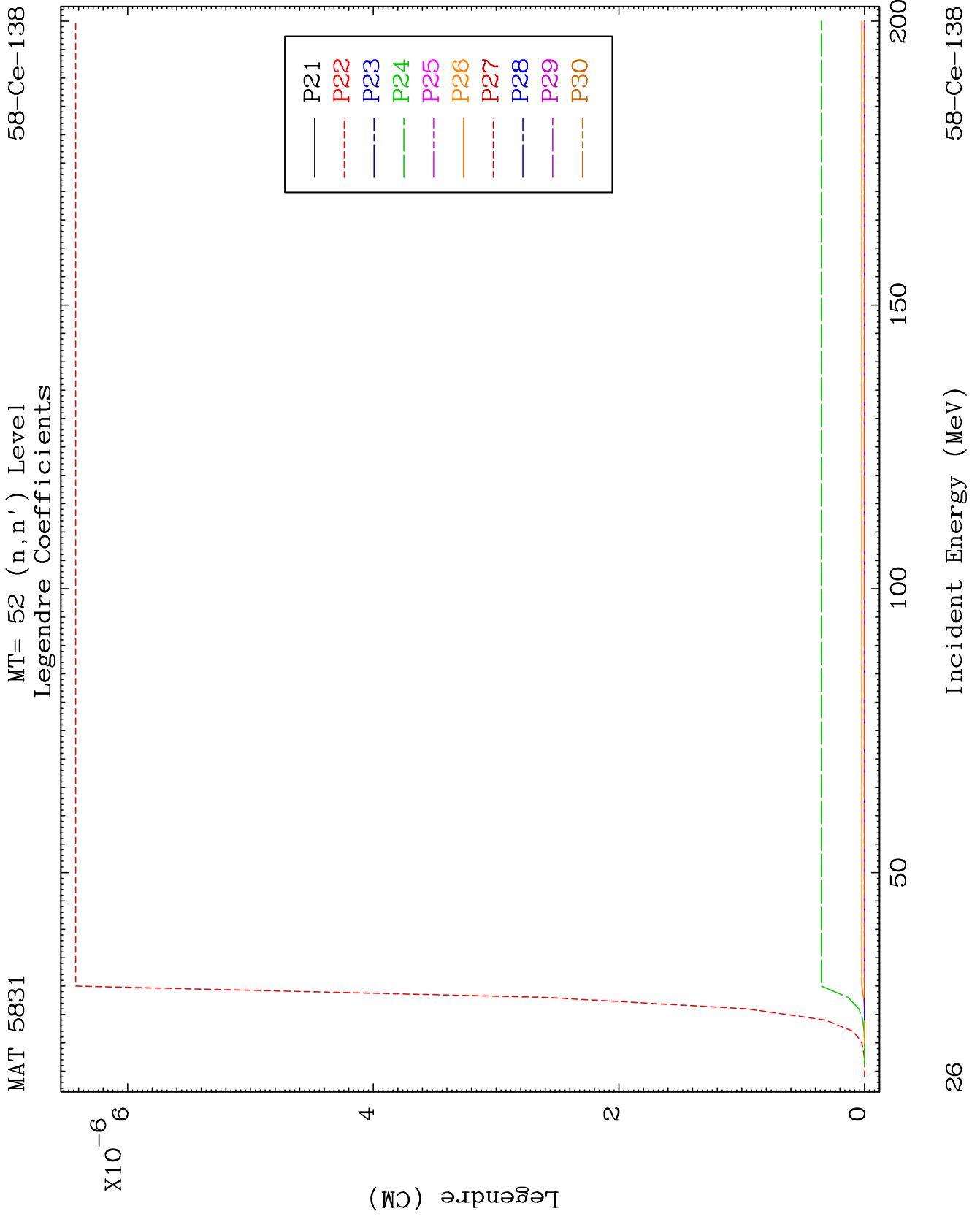
58-Ce-138

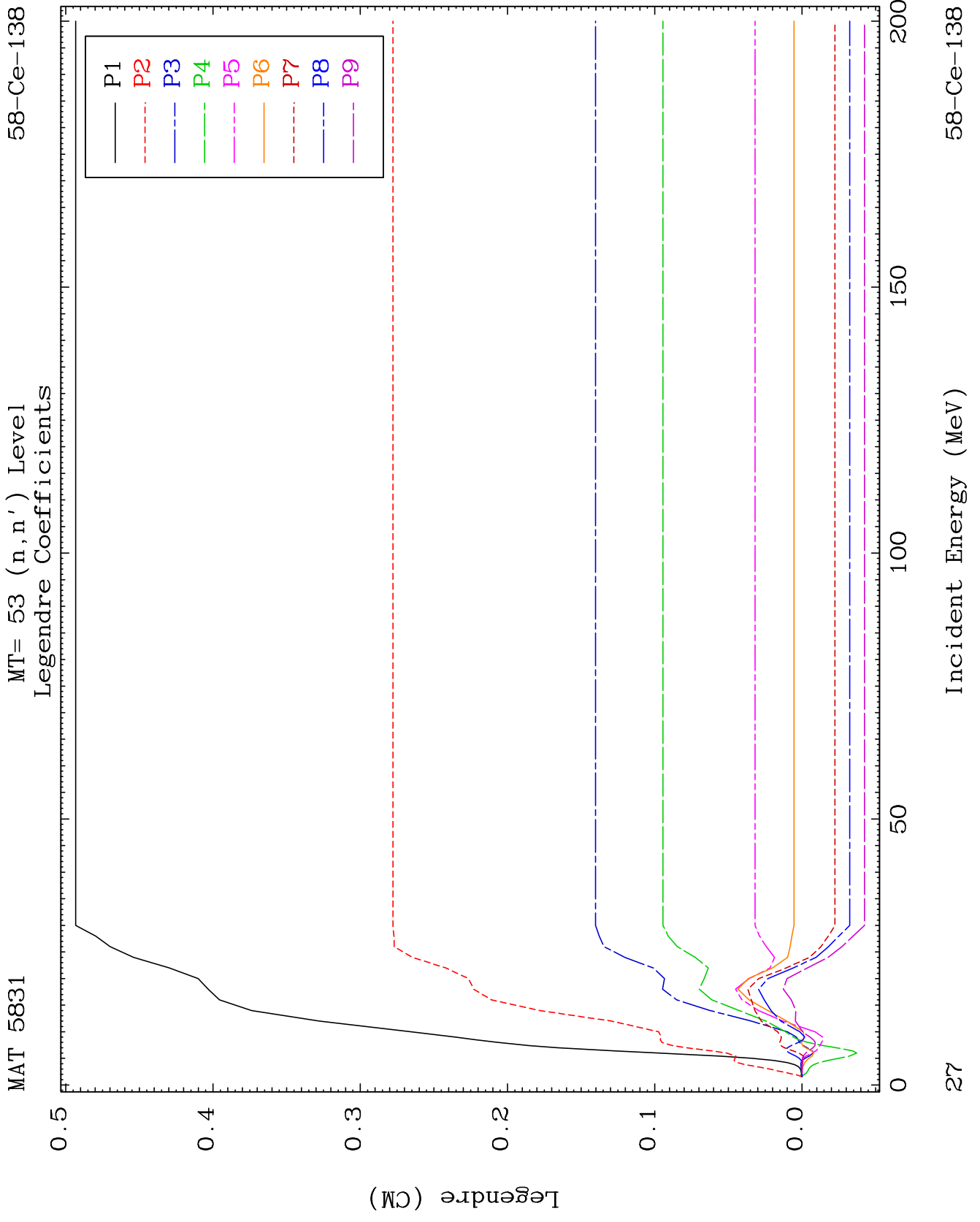
MAT 5831

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

58-Ce-138



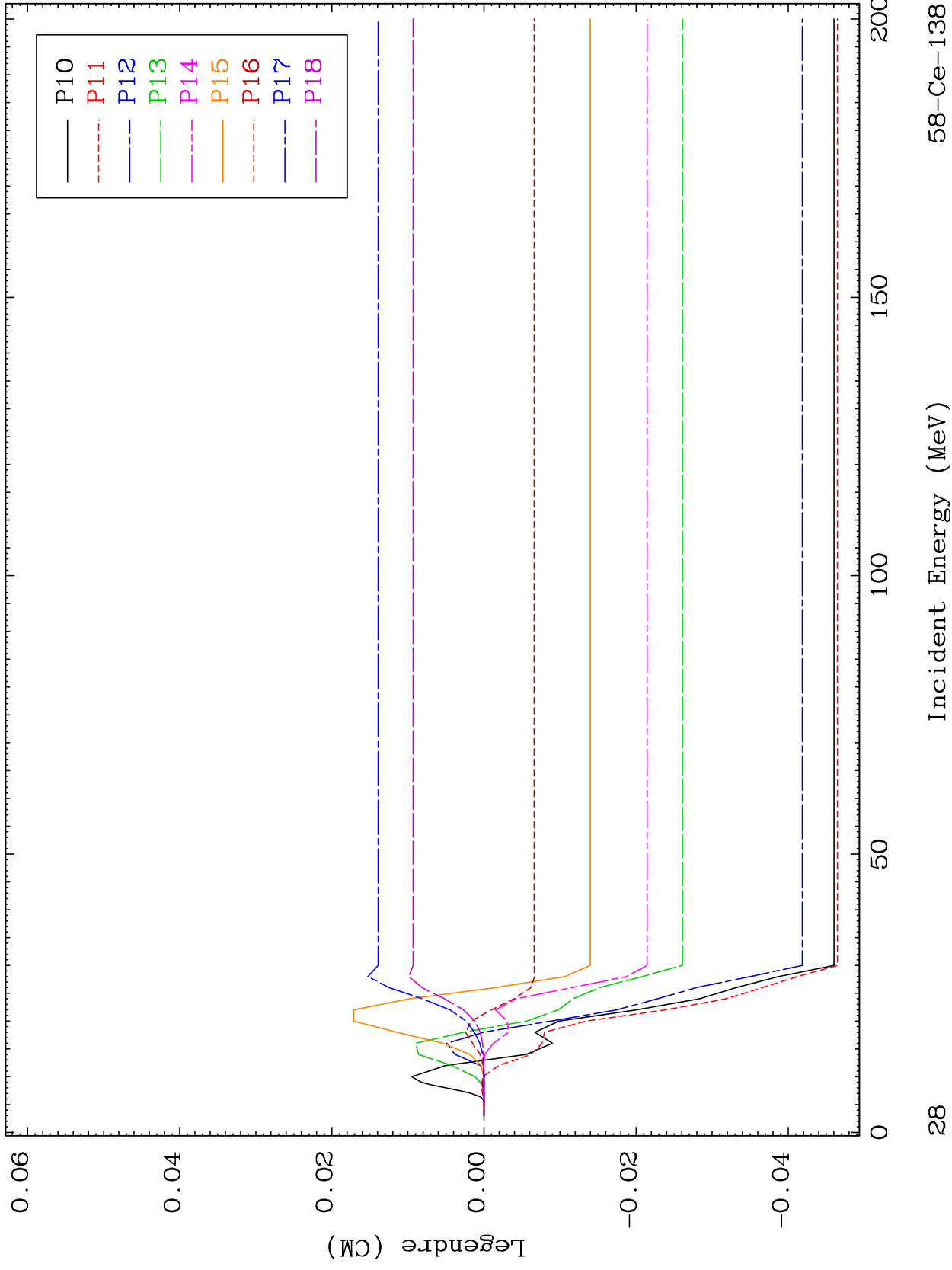




MAT 5831

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

58-Ce-138



58-Ce-138

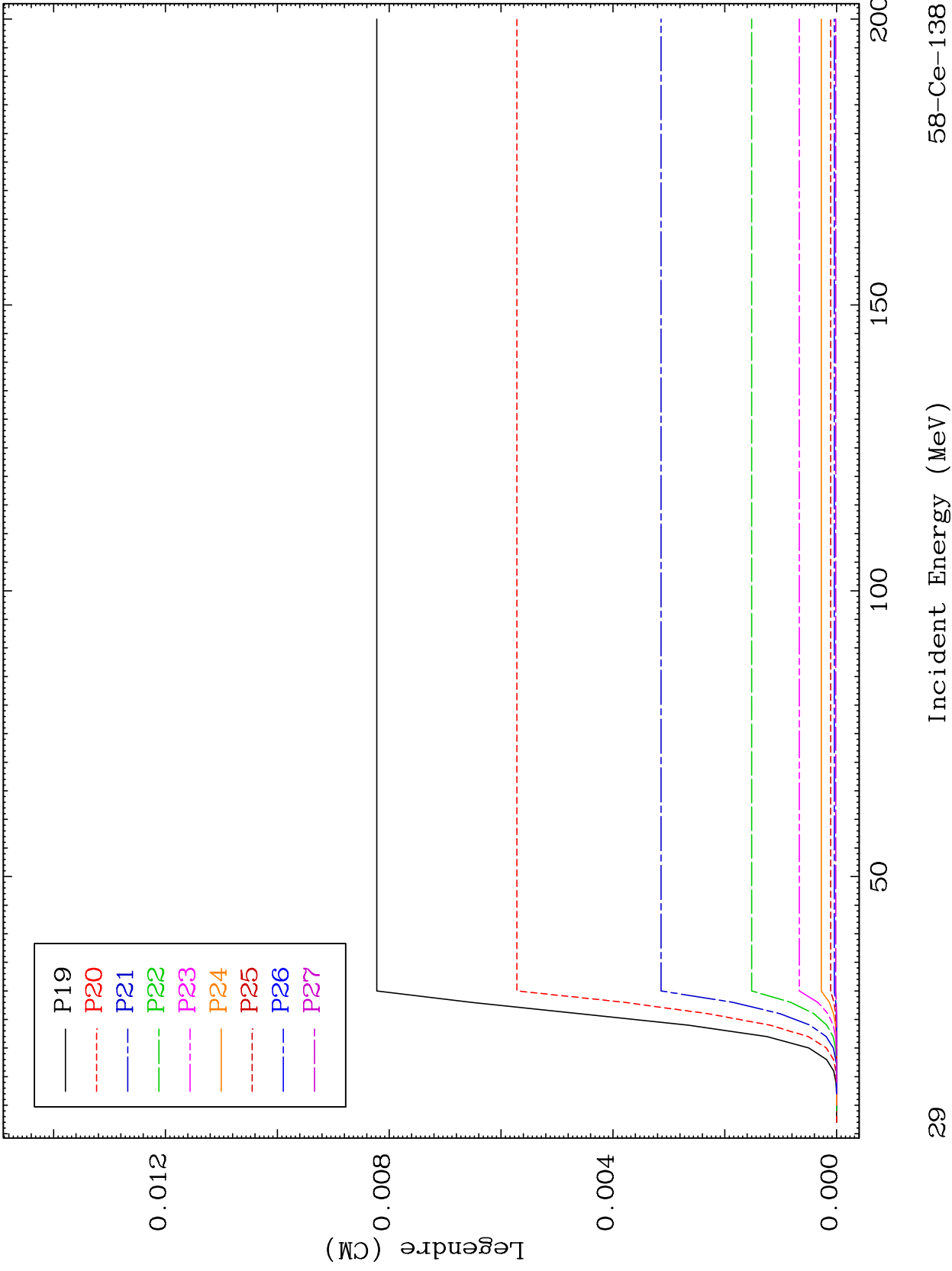
Incident Energy (MeV)

28

MAT 5831

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

58-Ce-138



29

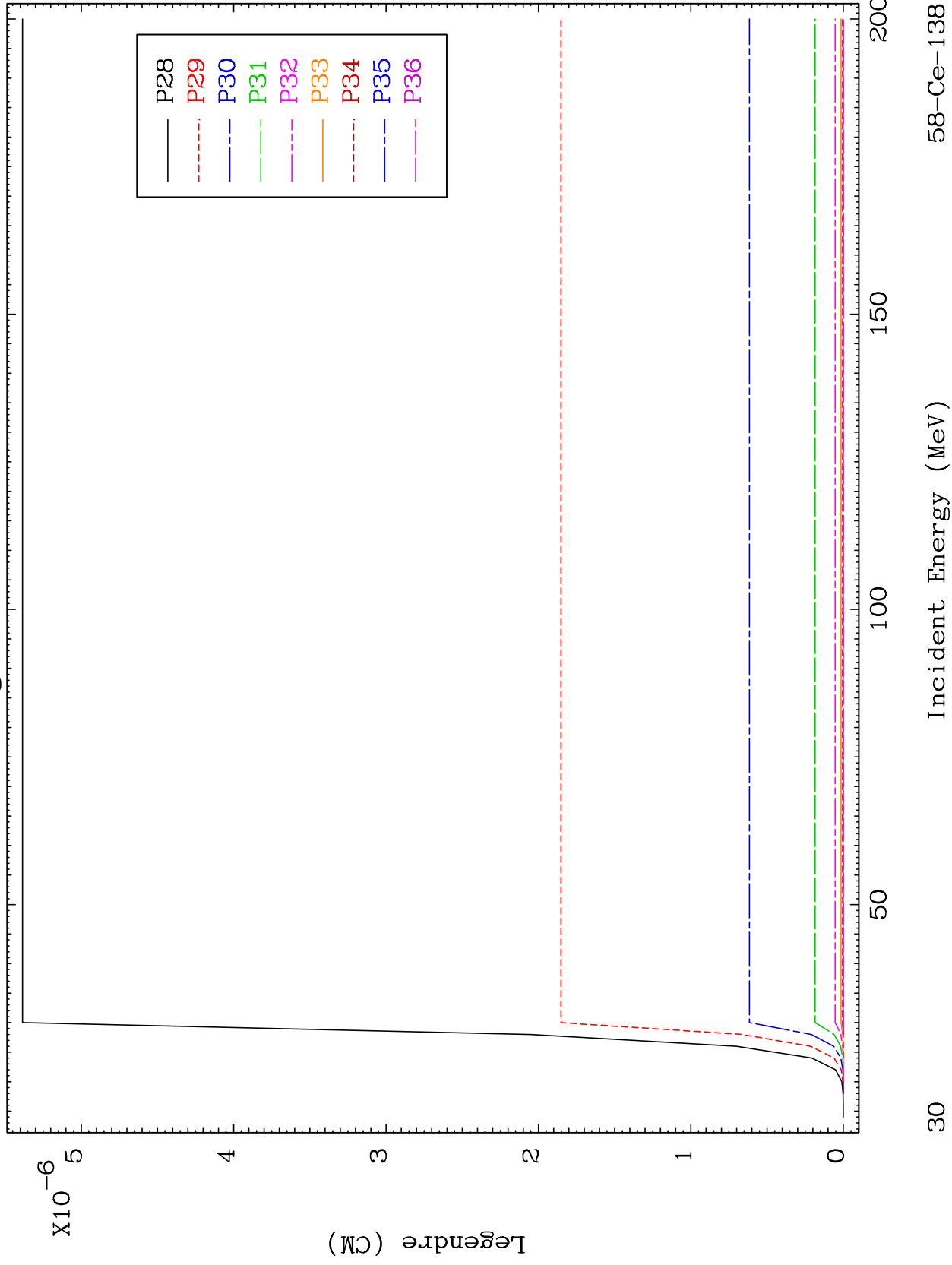
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

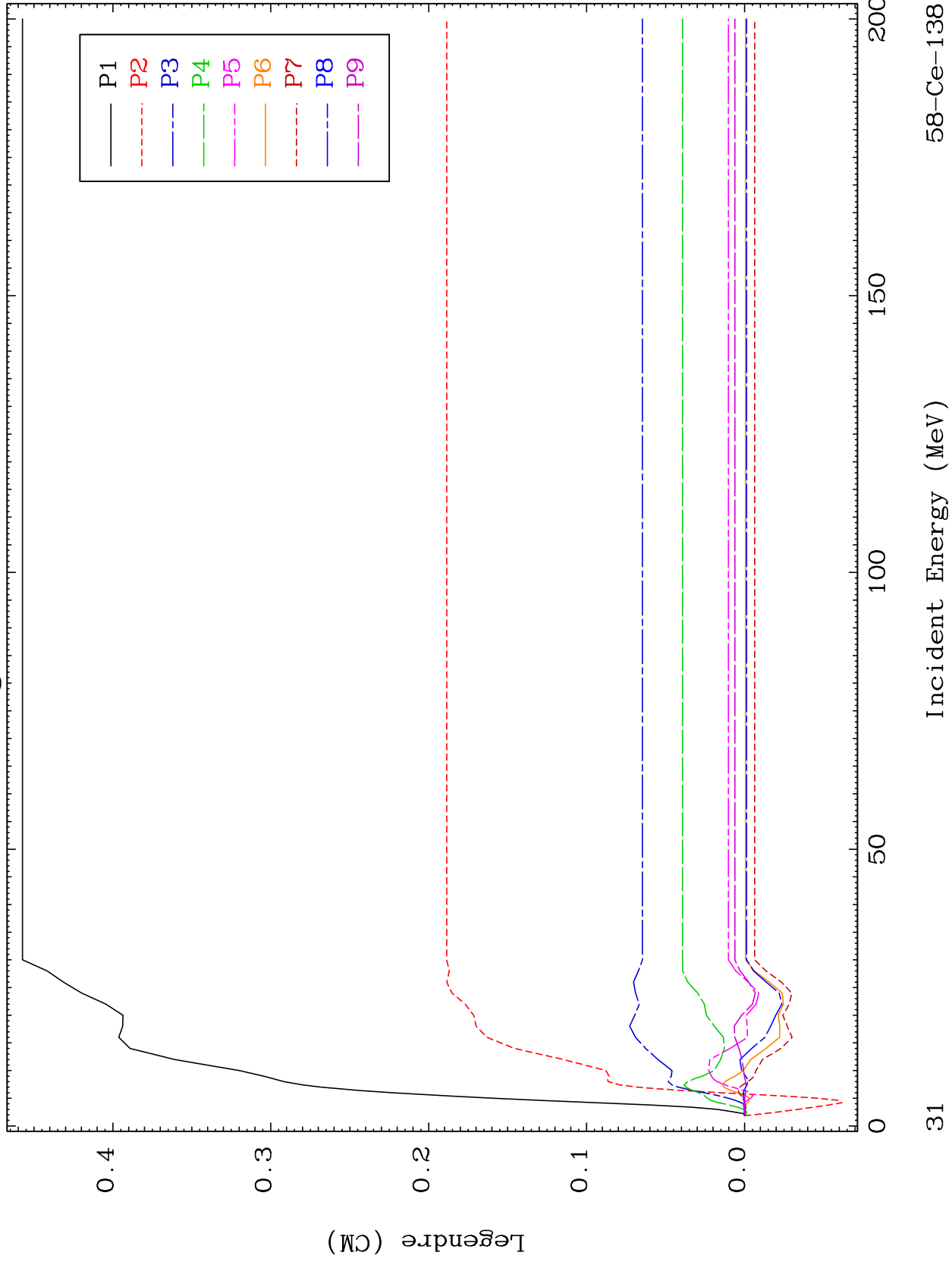
58-Ce-138



MAT 5831

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

58-Ce-138



58-Ce-138

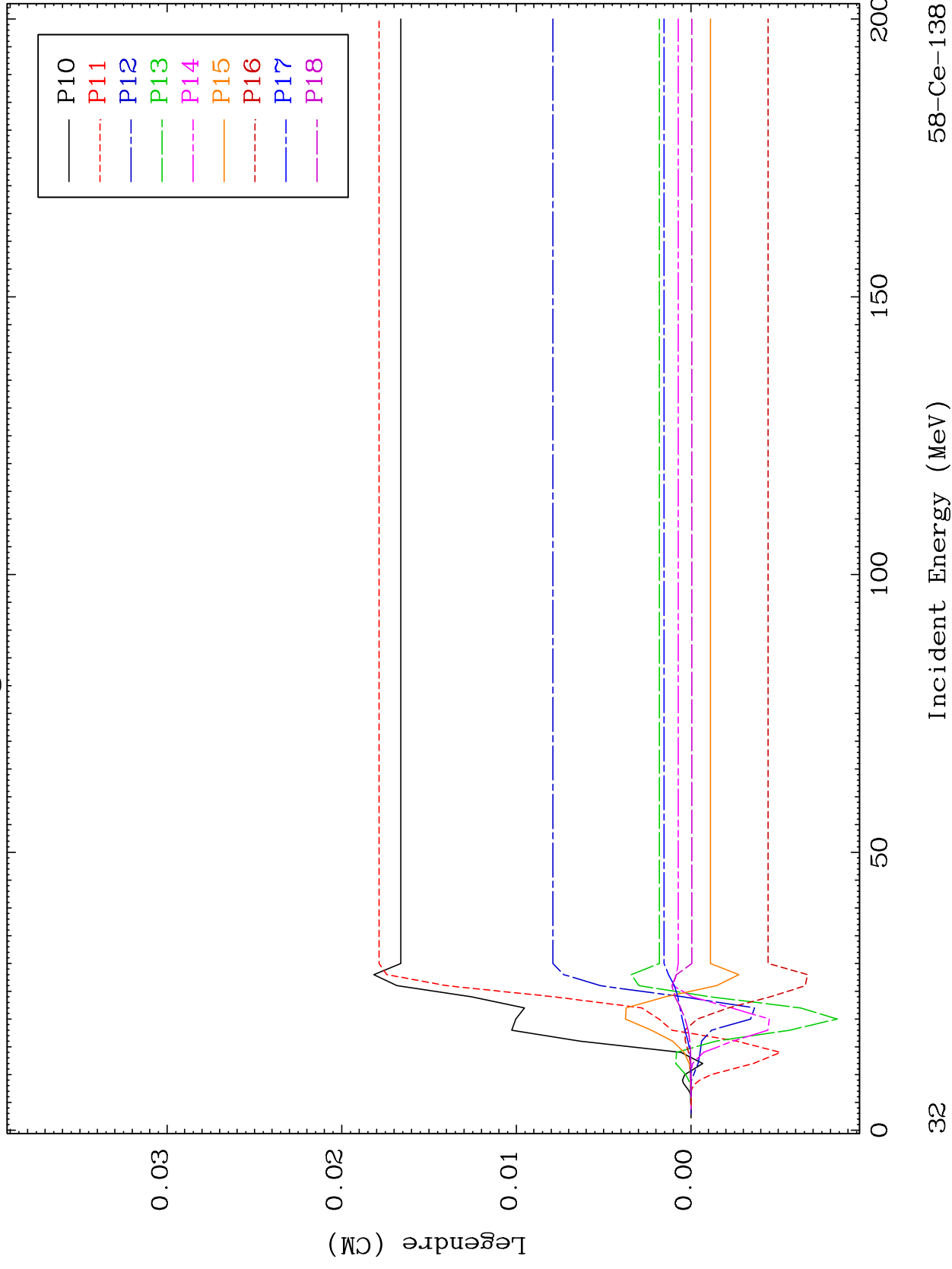
Incident Energy (MeV)

31

MAT 5831

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

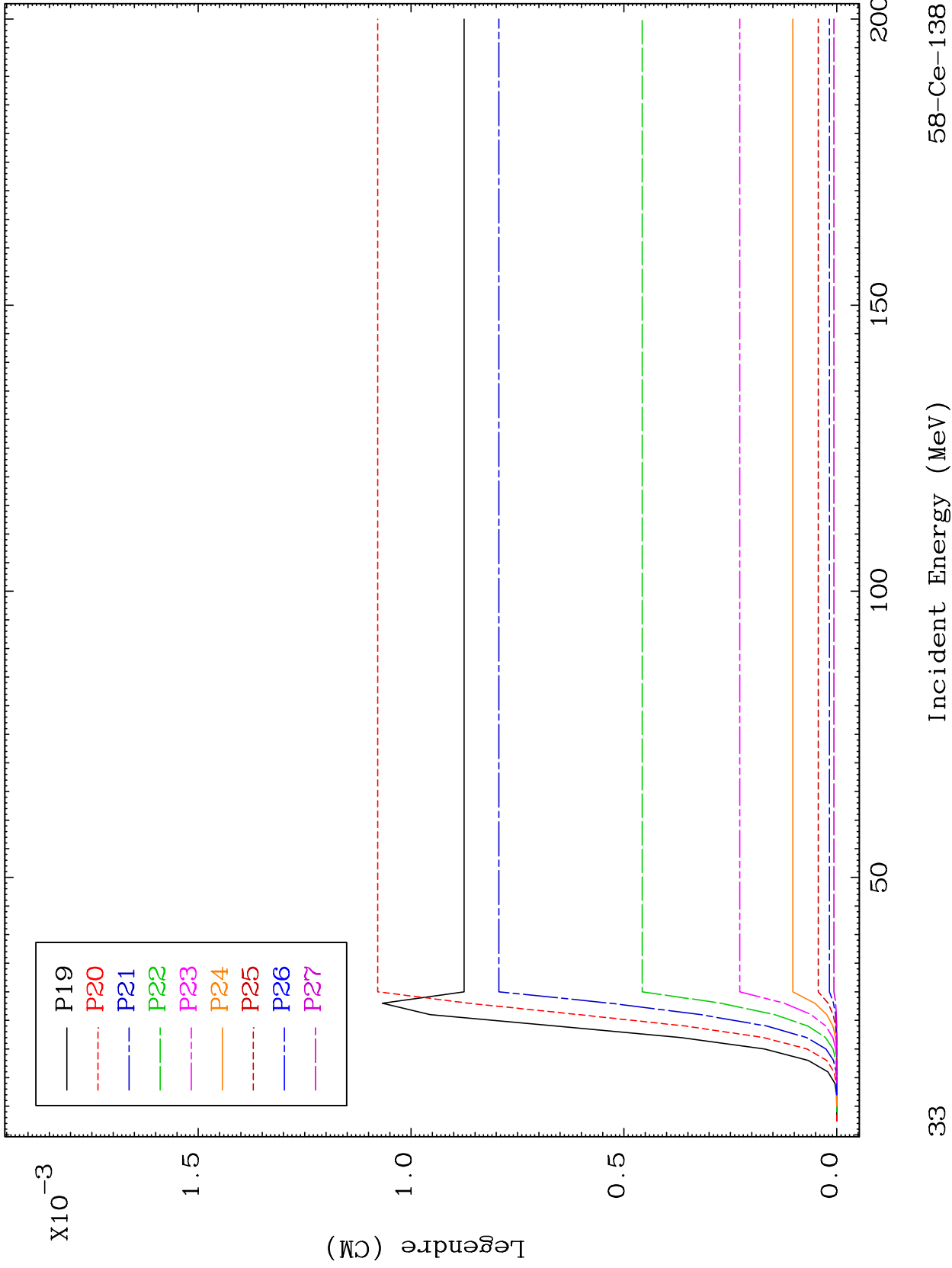
58-Ce-138



58-Ce-138

Incident Energy (MeV)

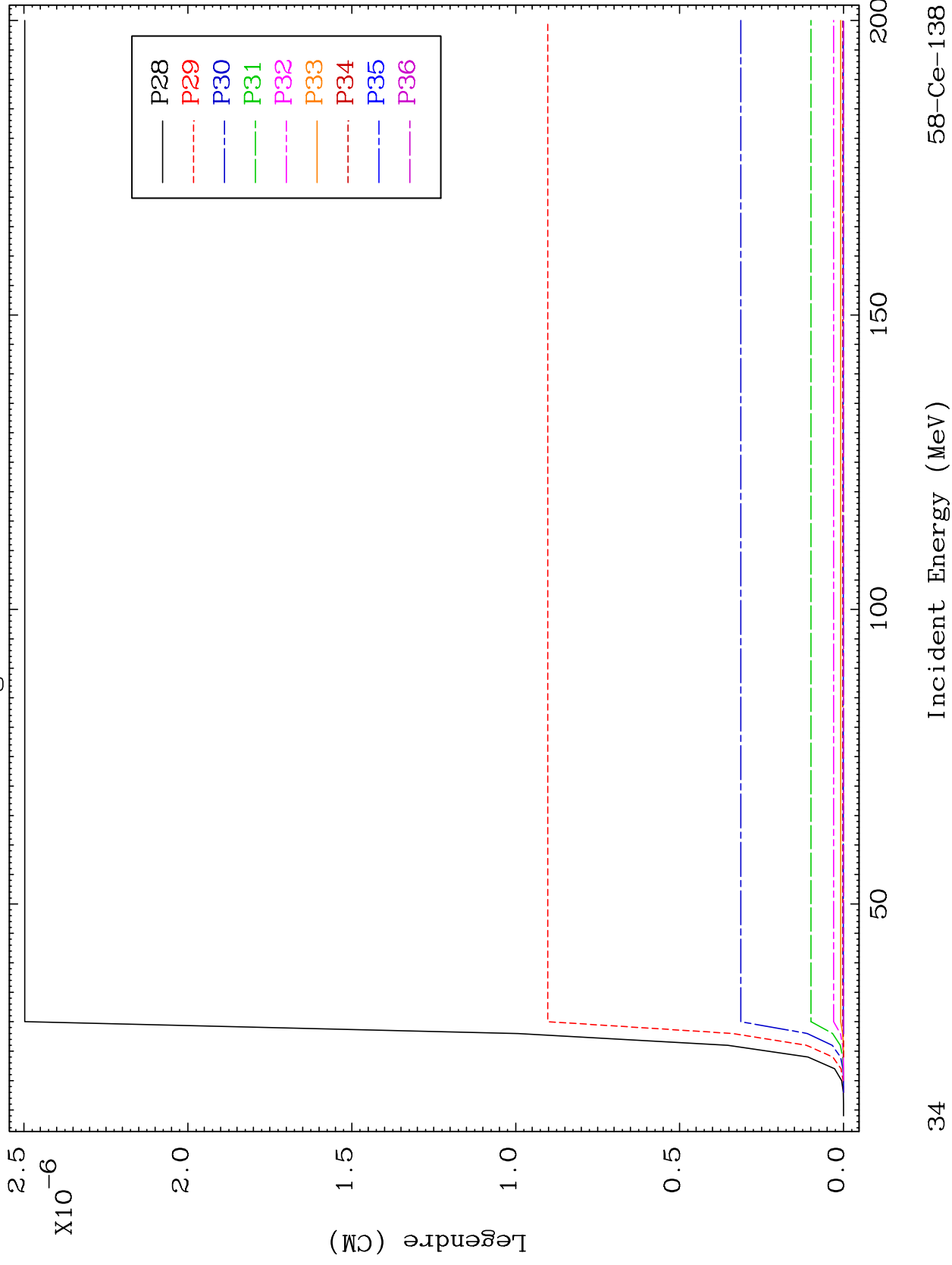
32



MAT 5831

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

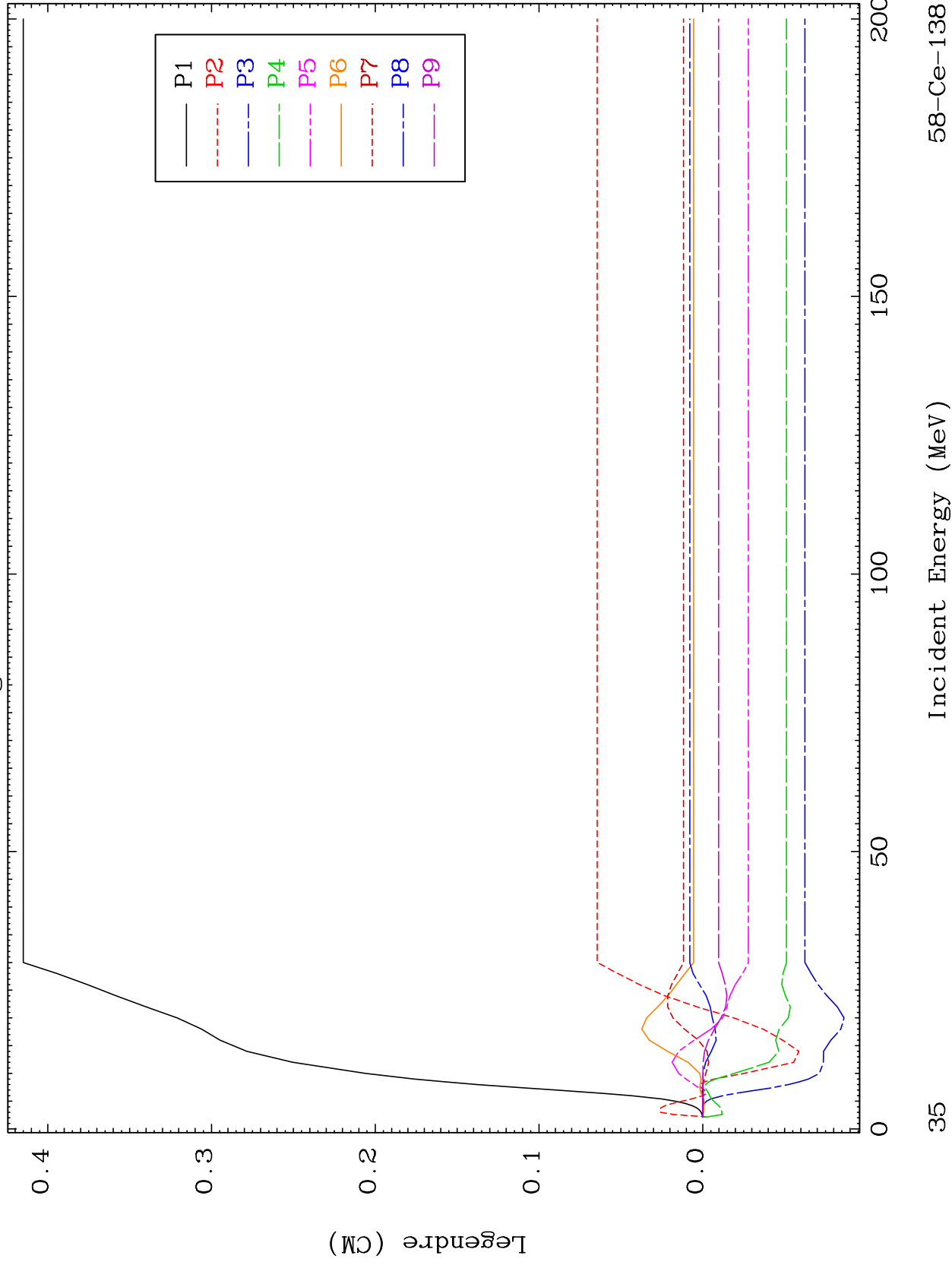
58-Ce-138



MAT 5831

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

58-Ce-138



58-Ce-138

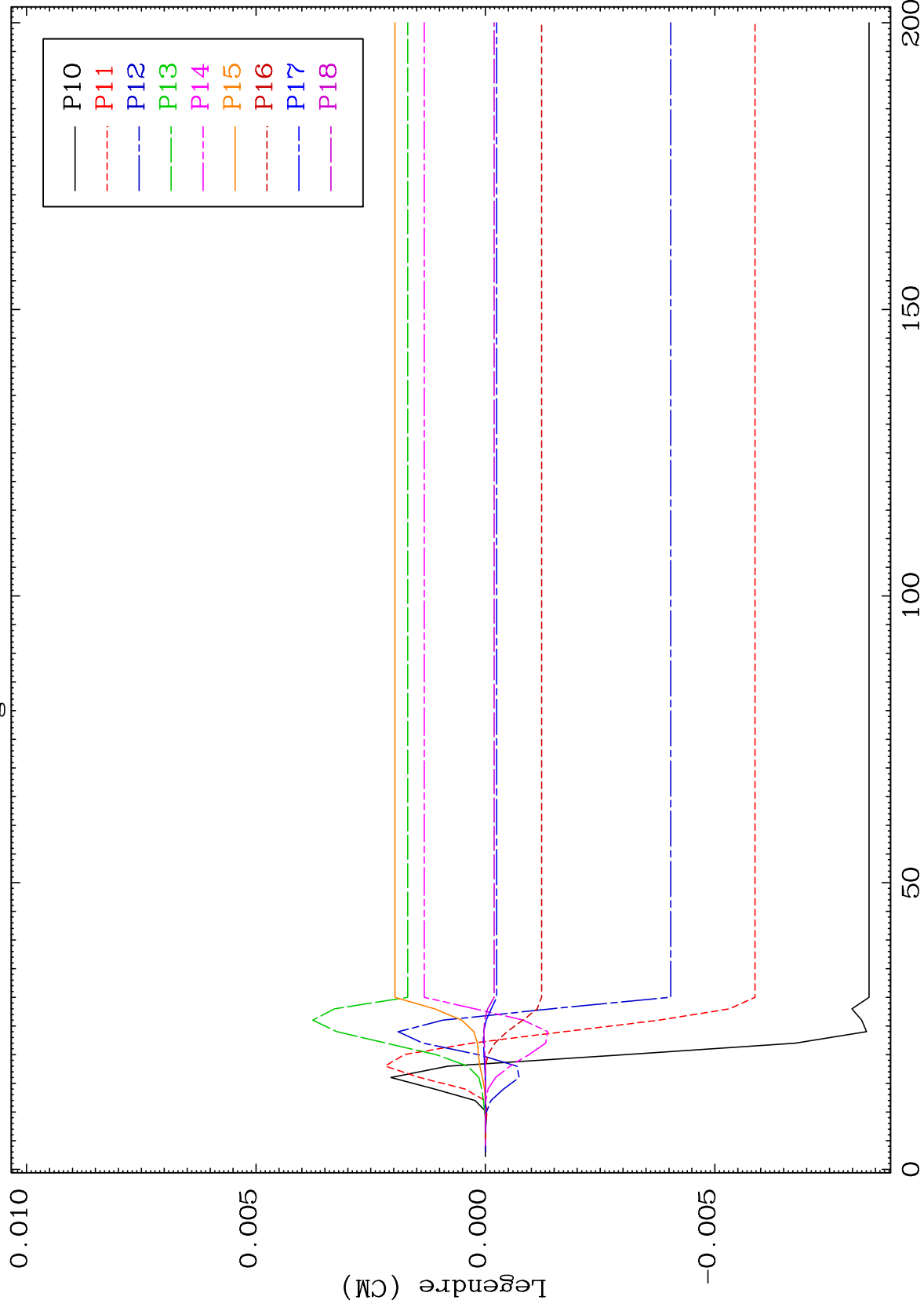
Incident Energy (MeV)

35

MAT 5831

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

58-Ce-138



36

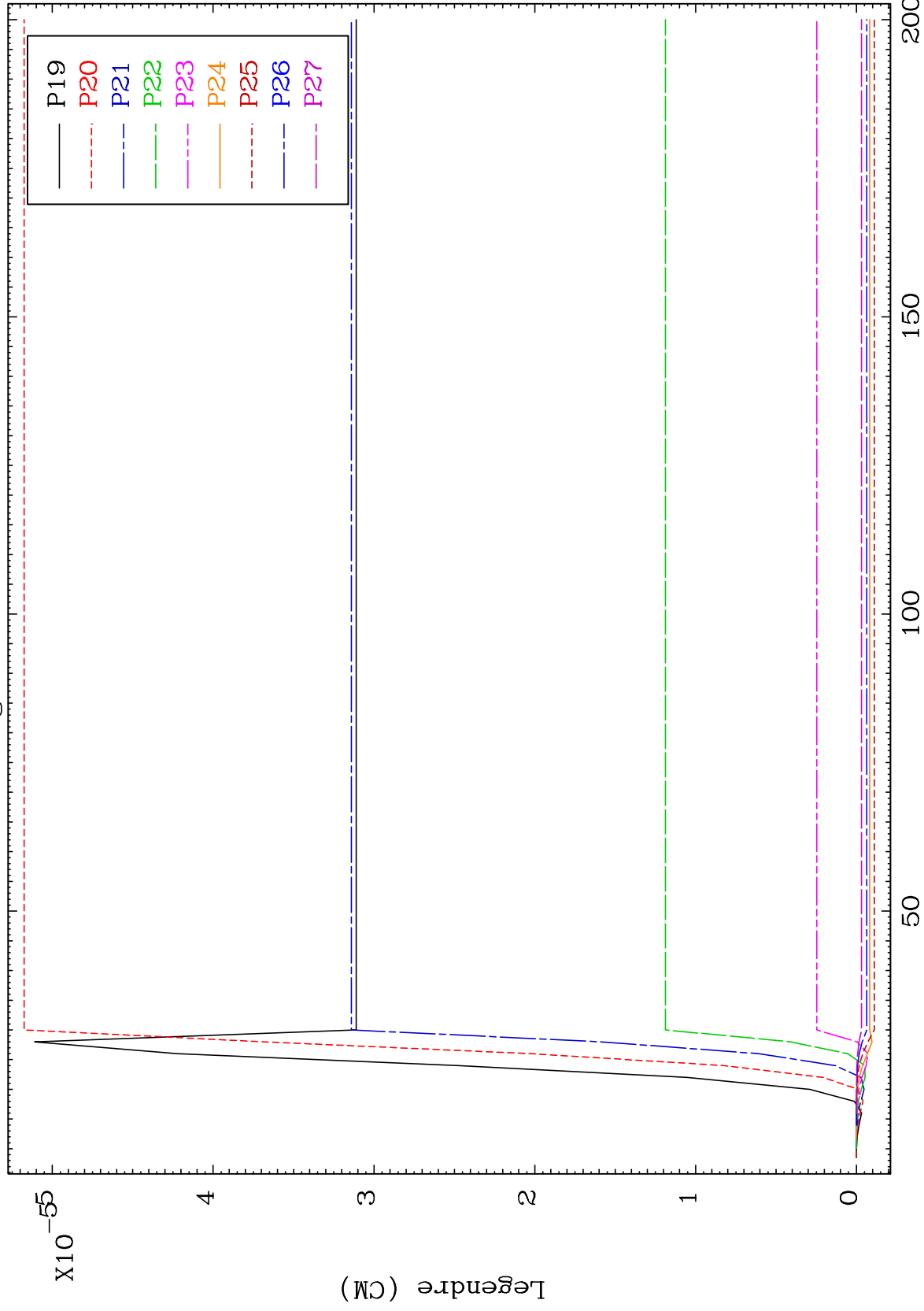
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



37

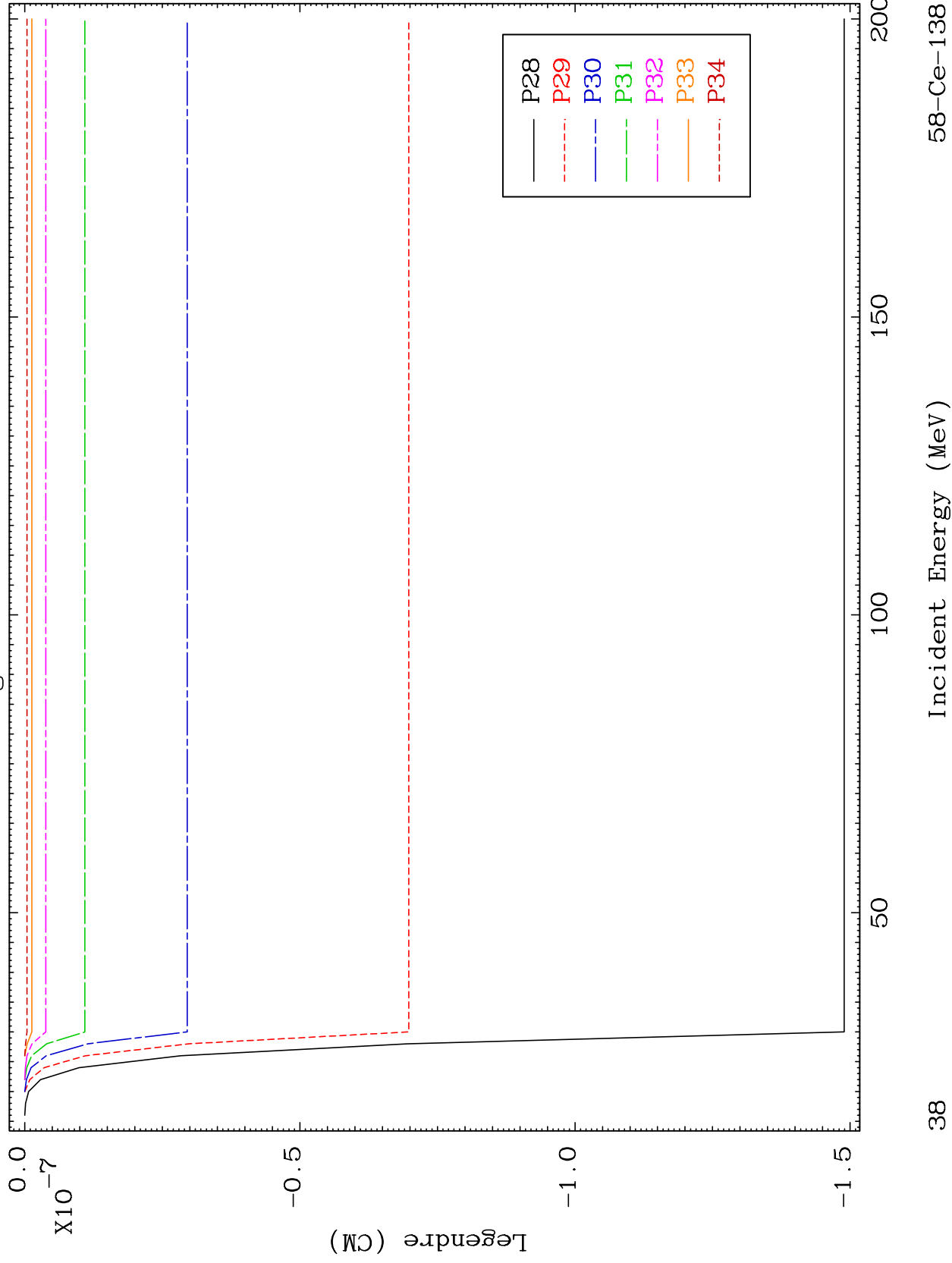
Incident Energy (MeV)

58-Ce-138

MAT 5831

58-Ce-138

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



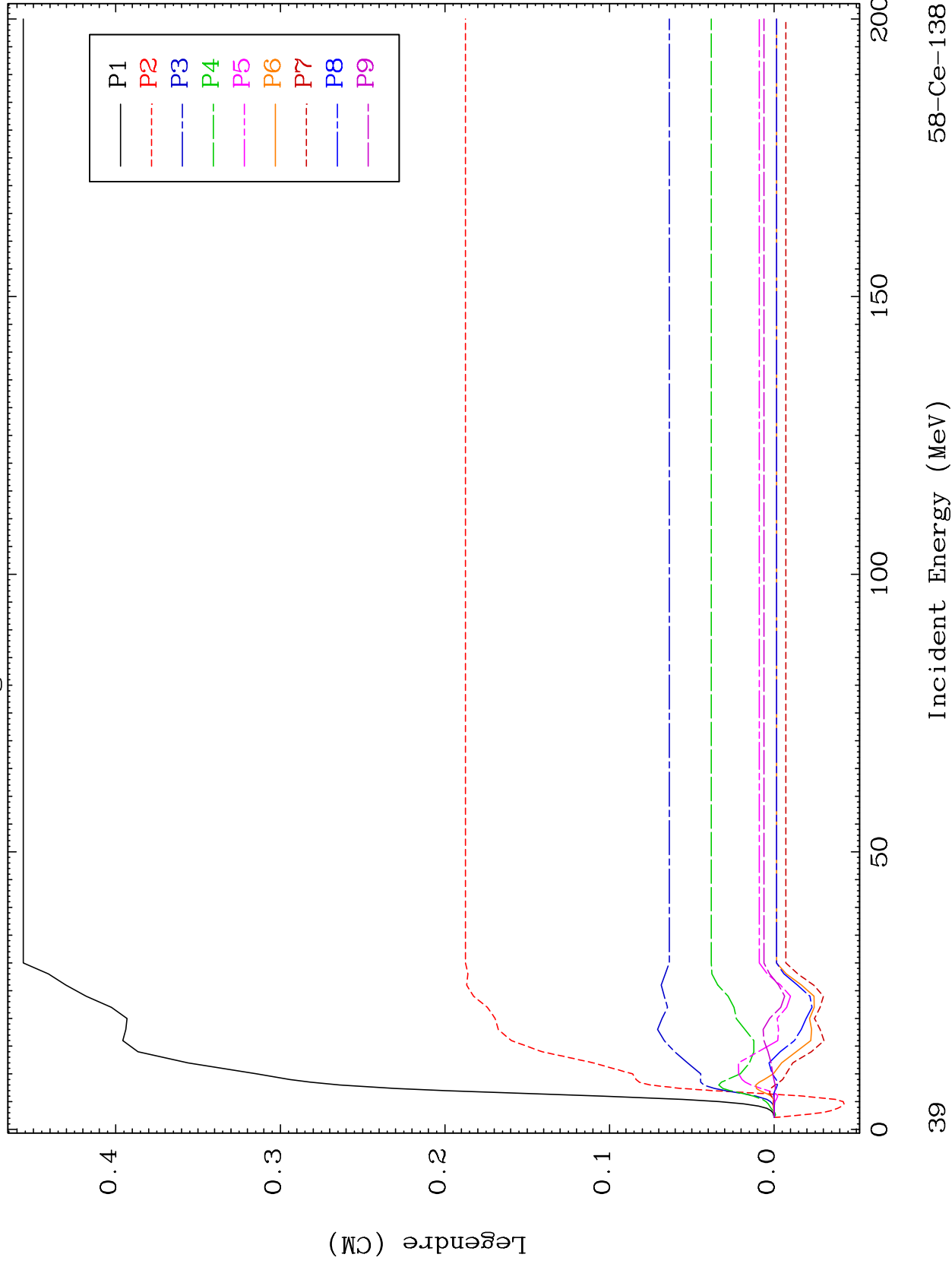
38

58-Ce-138

MAT 5831

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

58-Ce-138



58-Ce-138

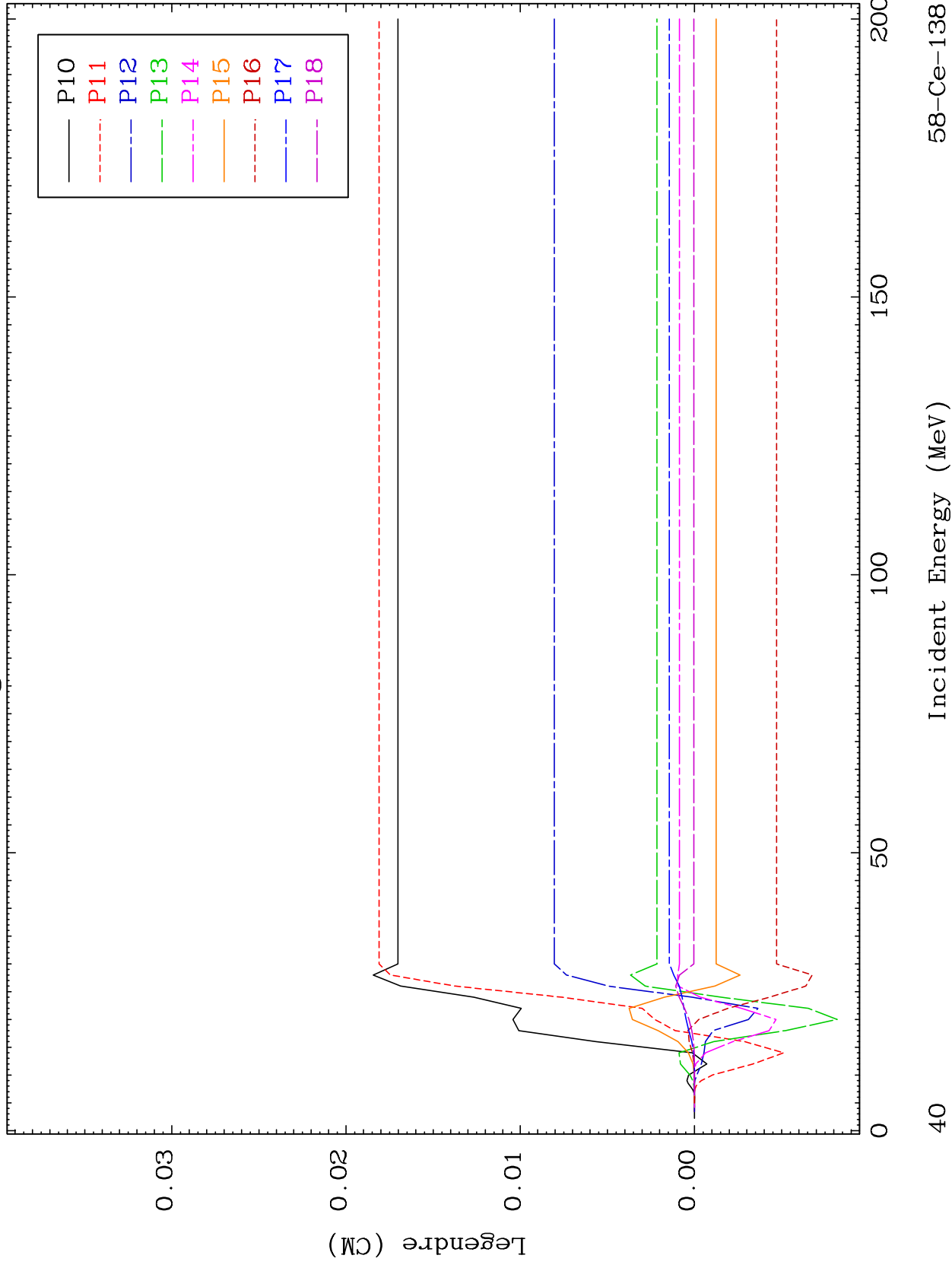
Incident Energy (MeV)

39

MAT 5831

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

58-Ce-138



58-Ce-138

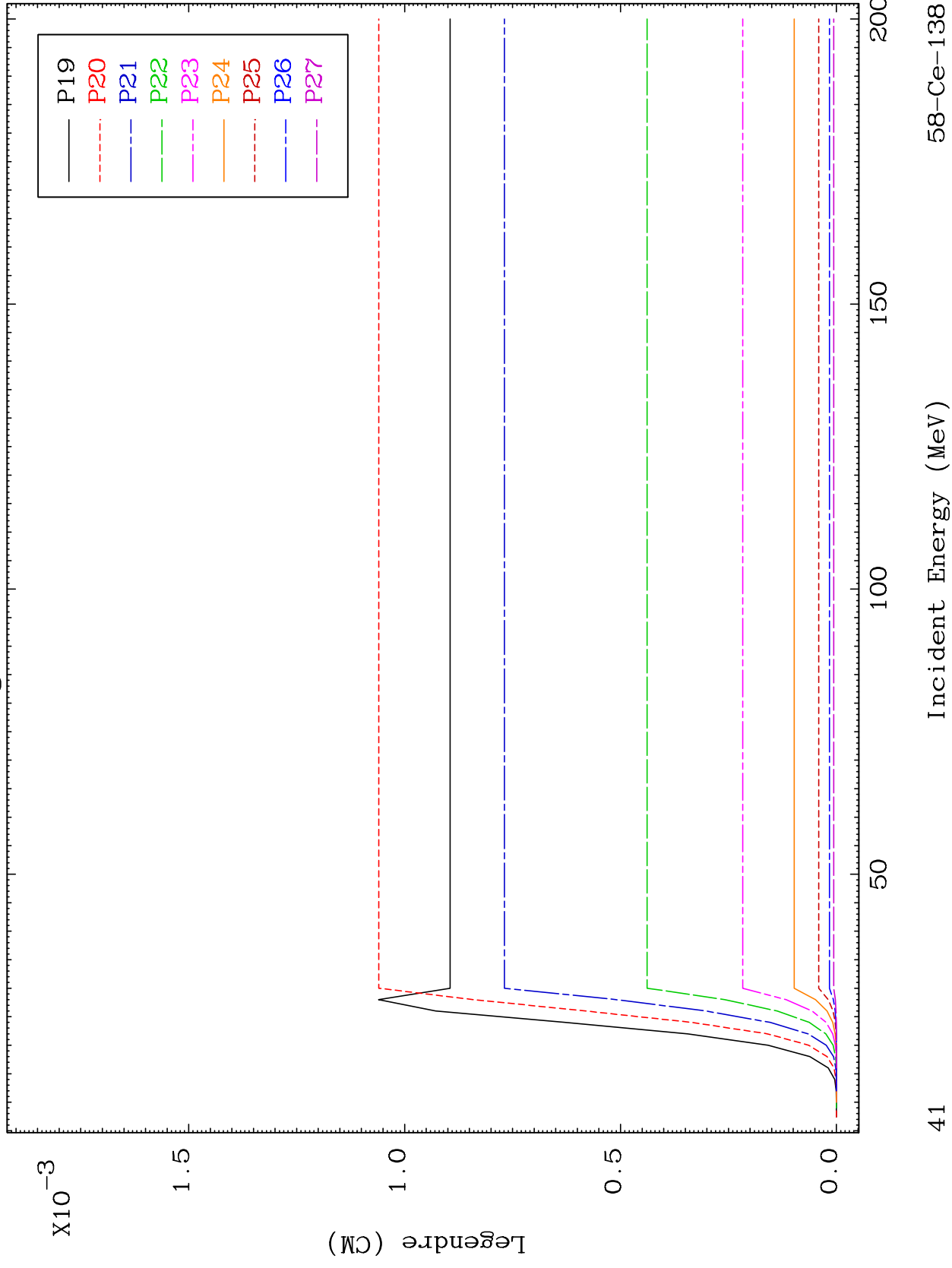
Incident Energy (MeV)

40

MAT 5831

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

58-Ce-138

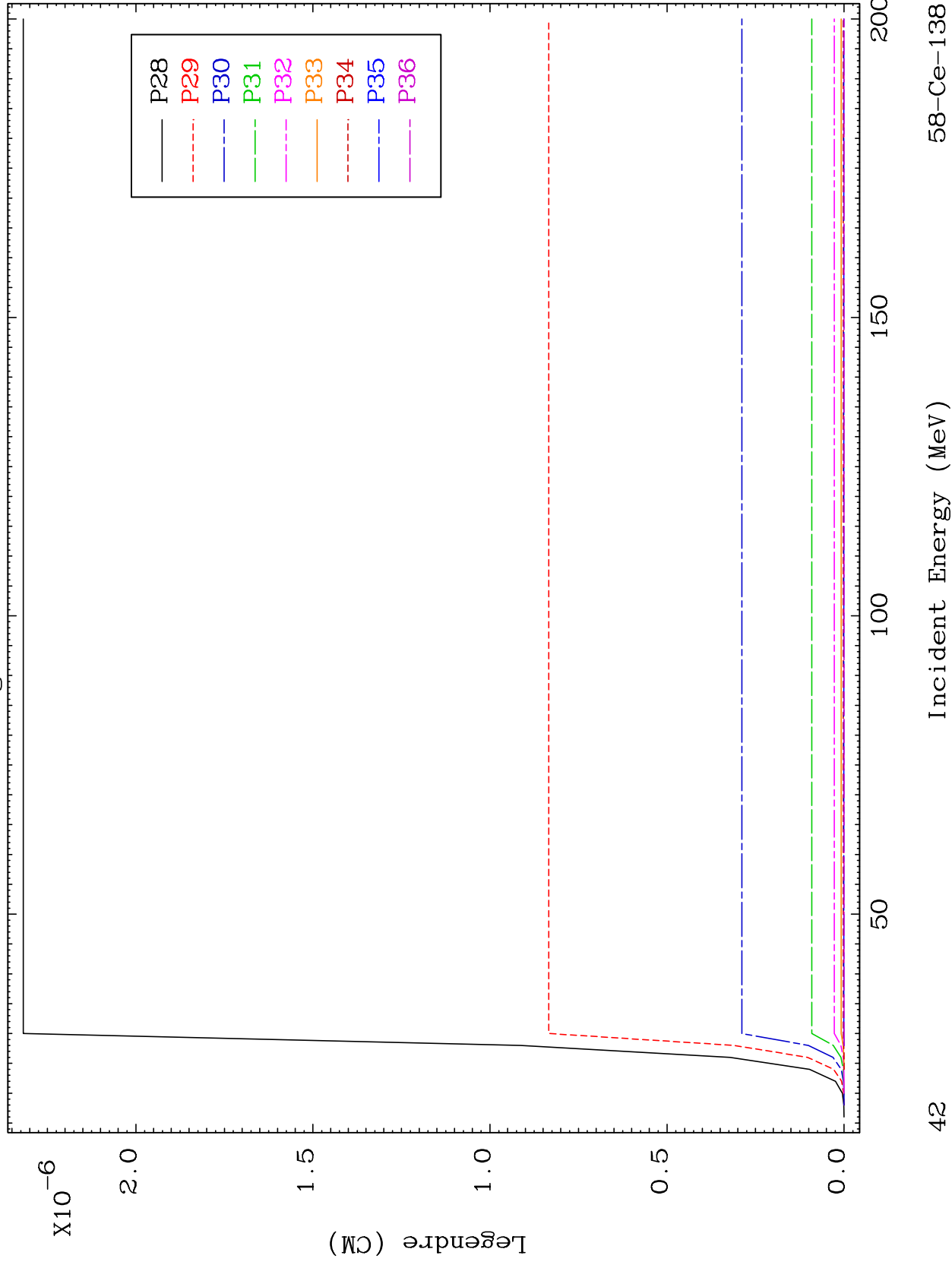


41

MAT 5831

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

58-Ce-138



42

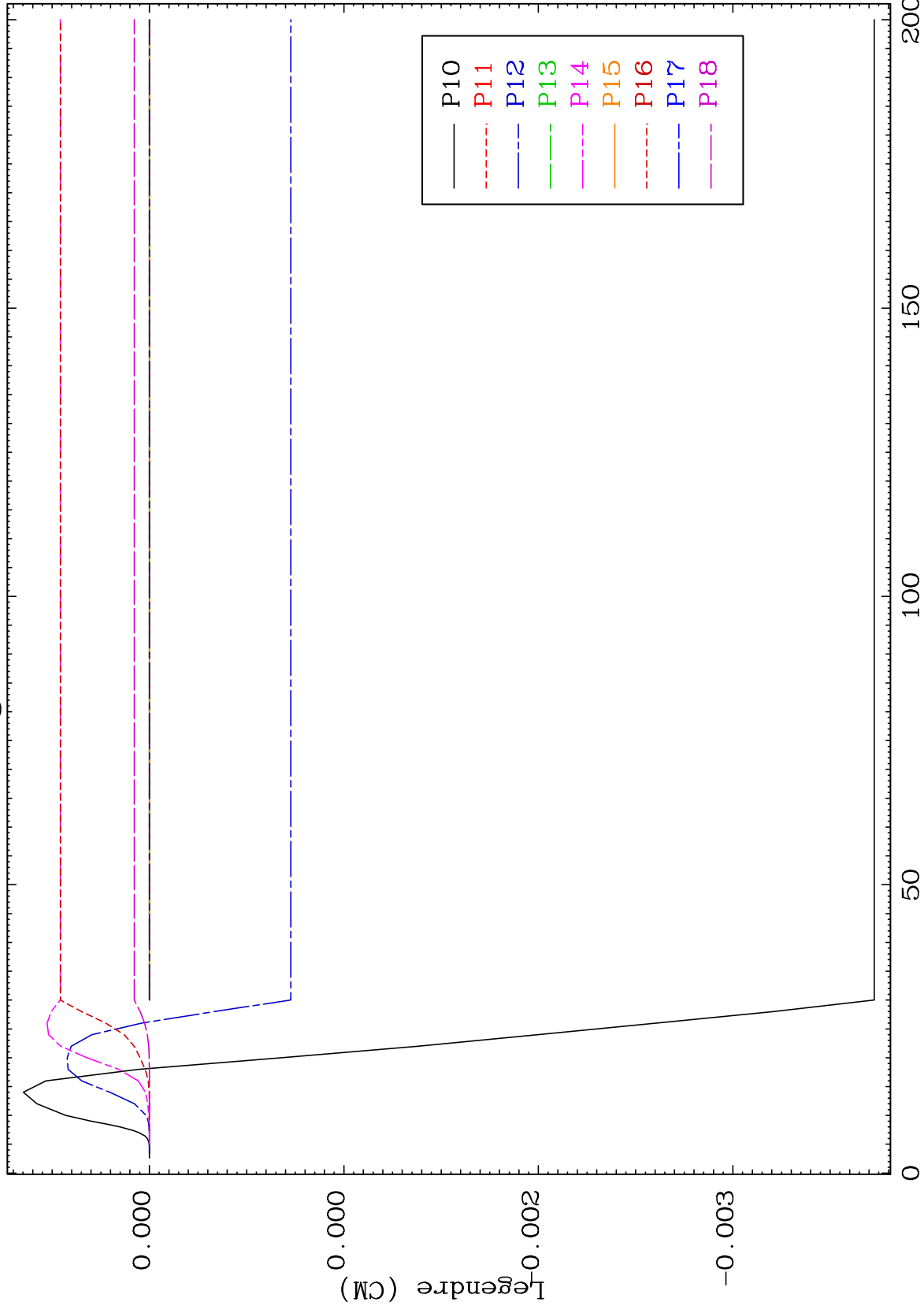
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



44

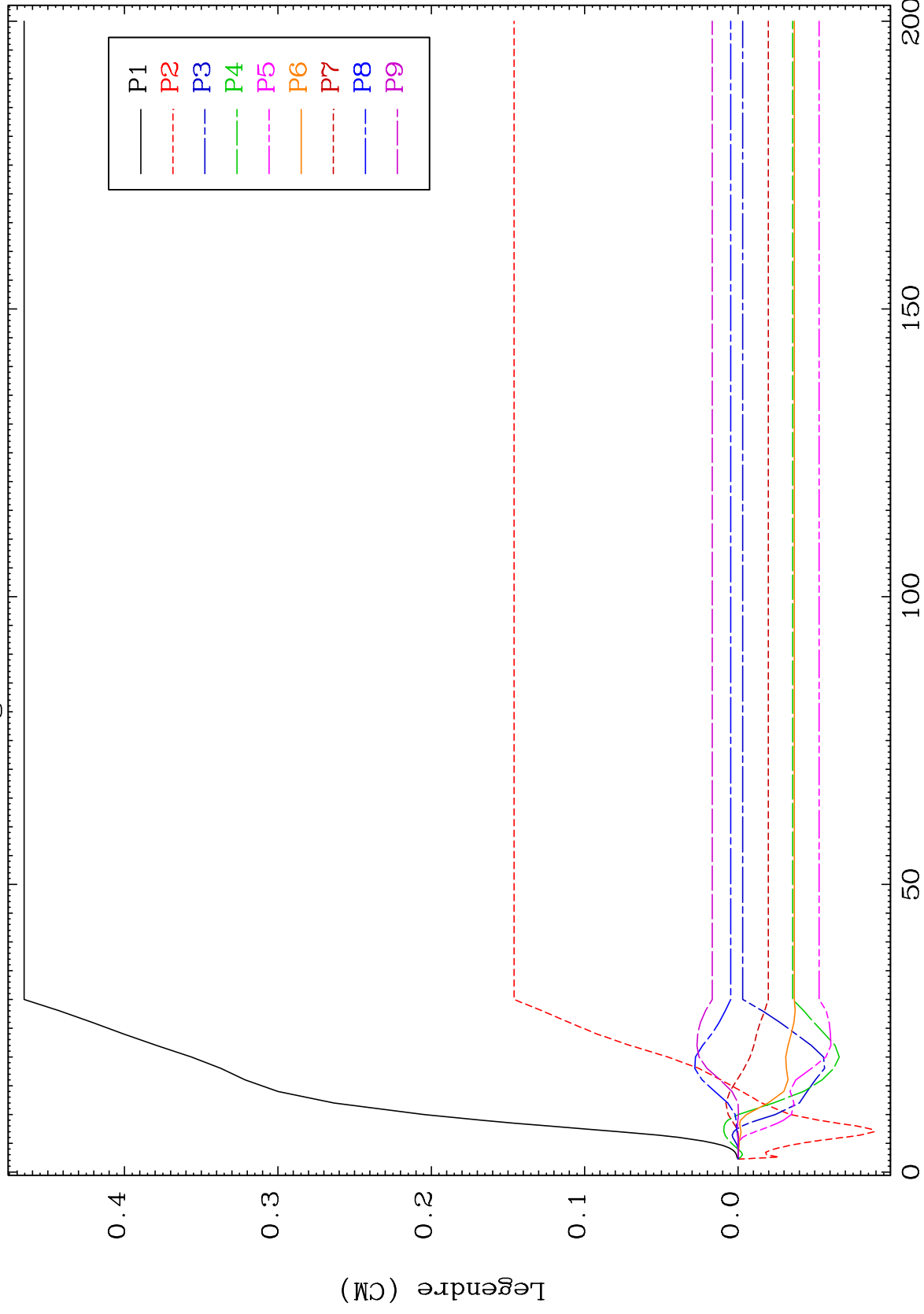
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



46

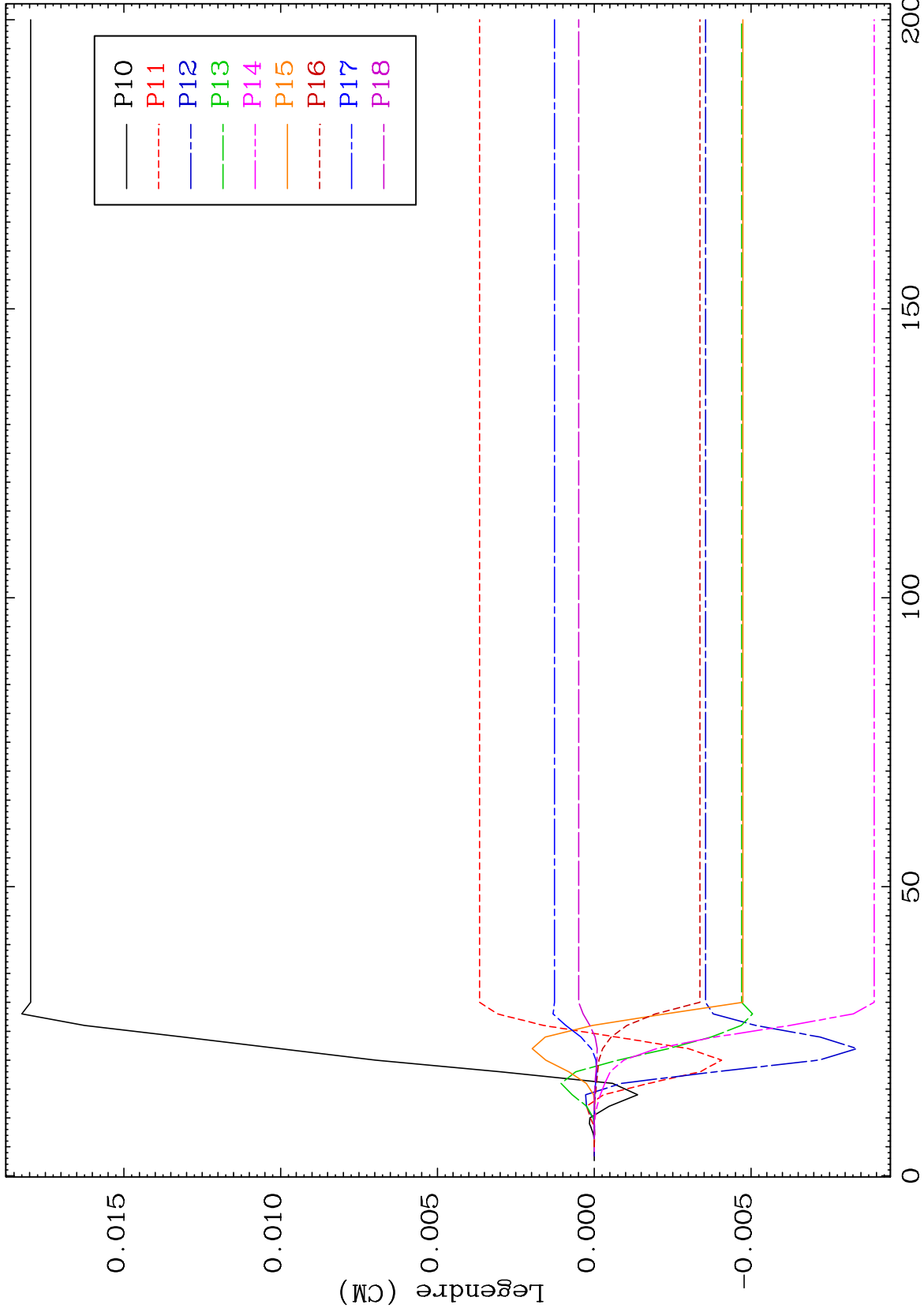
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



47

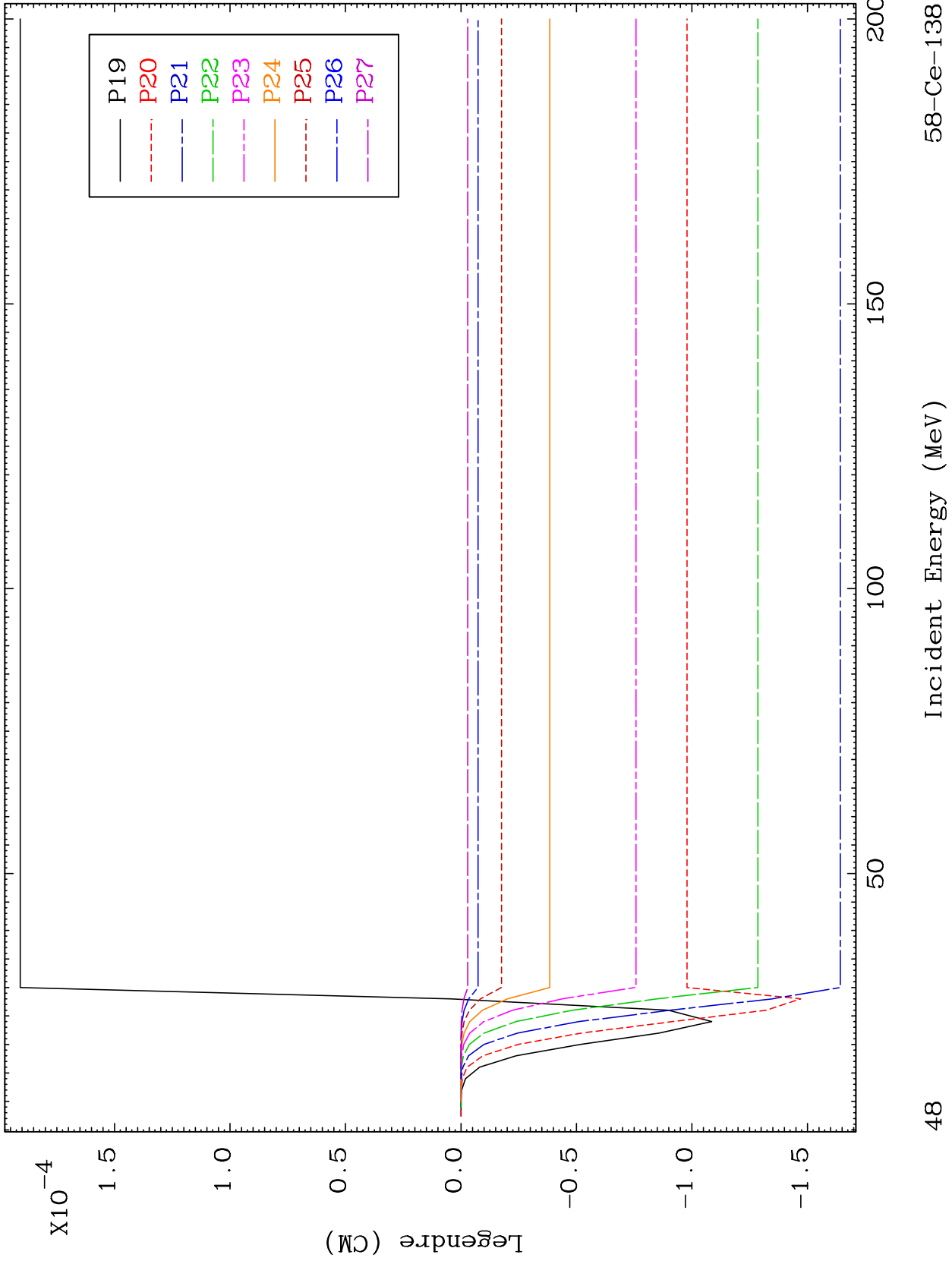
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

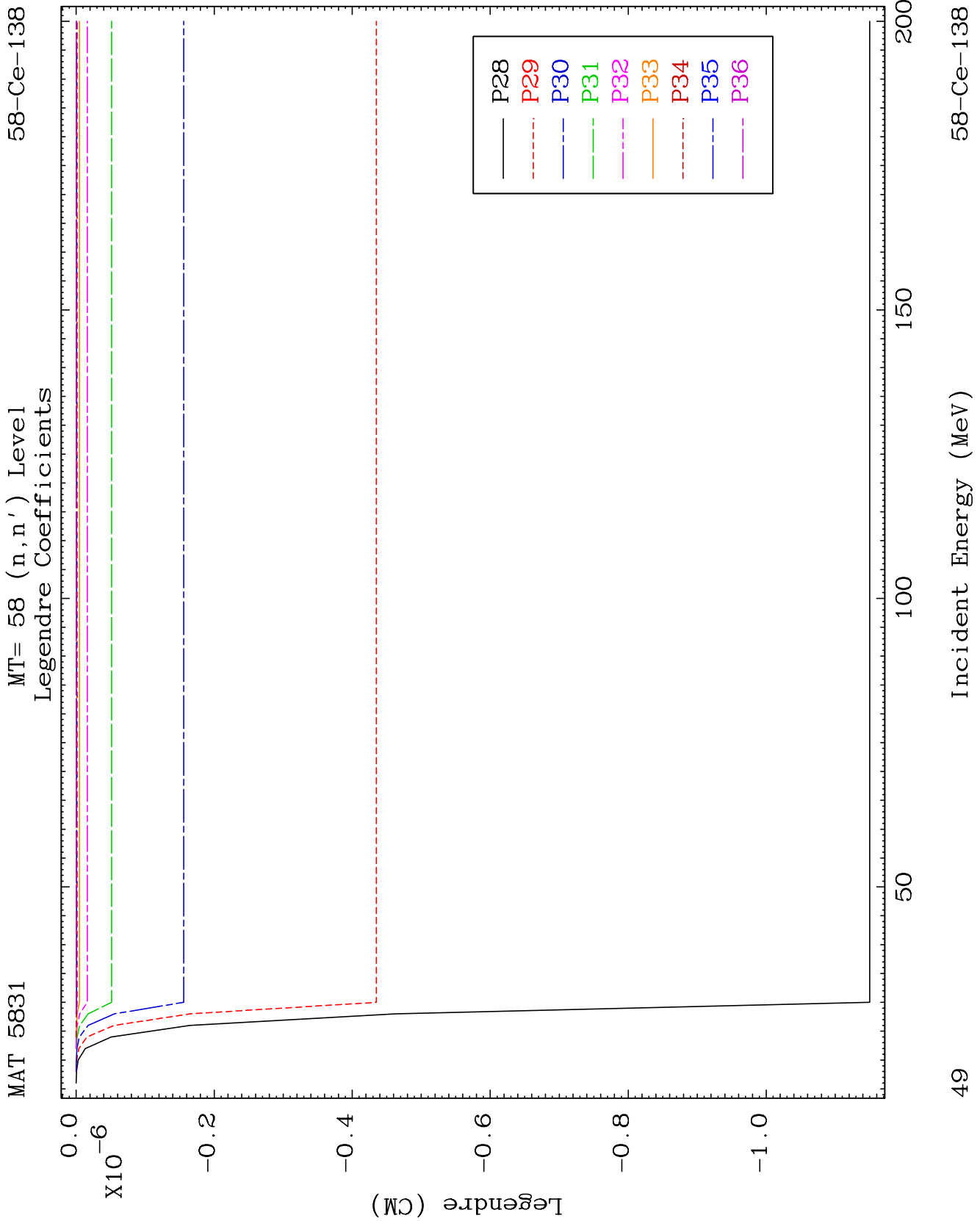
58-Ce-138



48

Incident Energy (MeV)

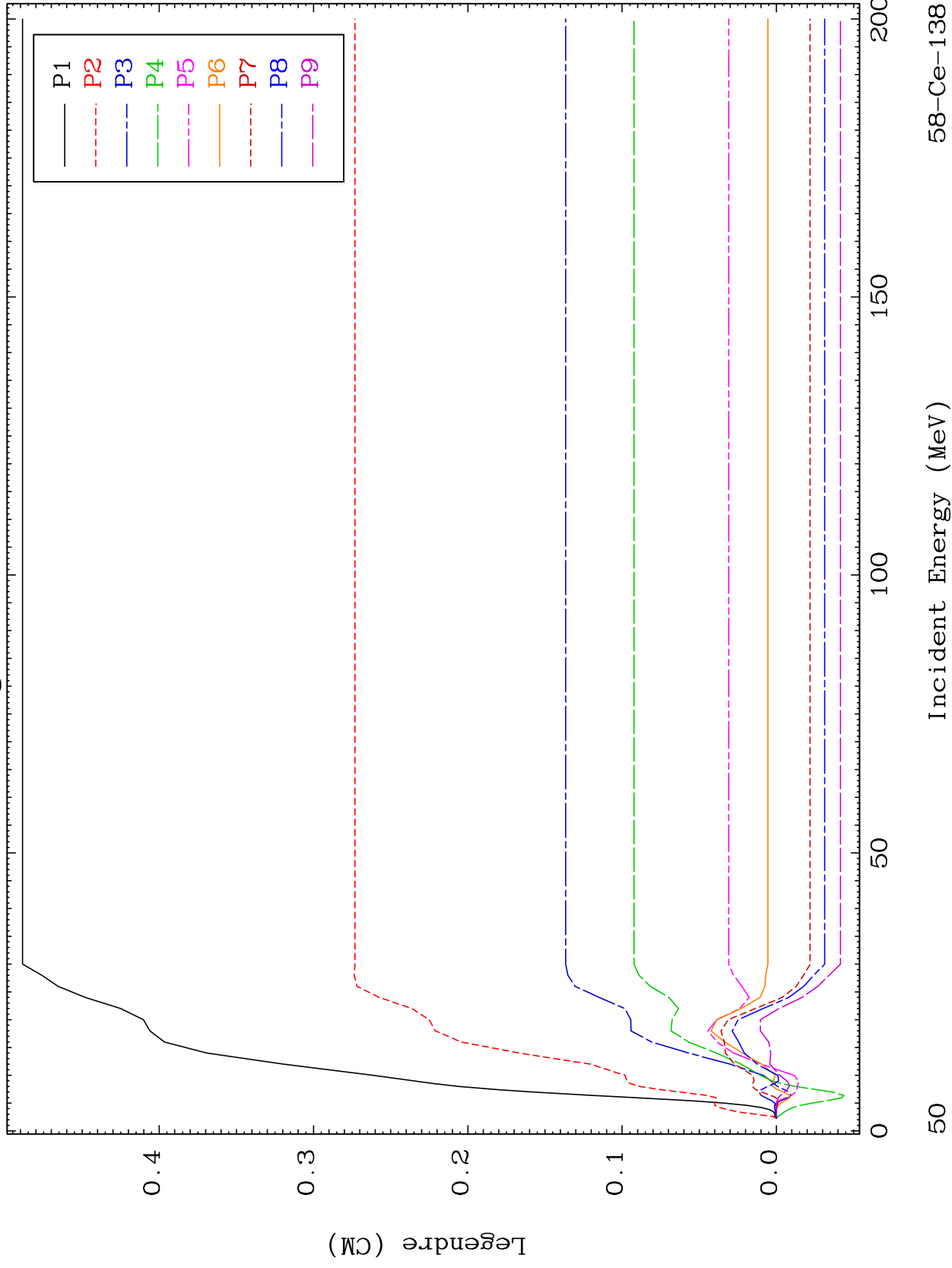
58-Ce-138



MAT 5831

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

58-Ce-138



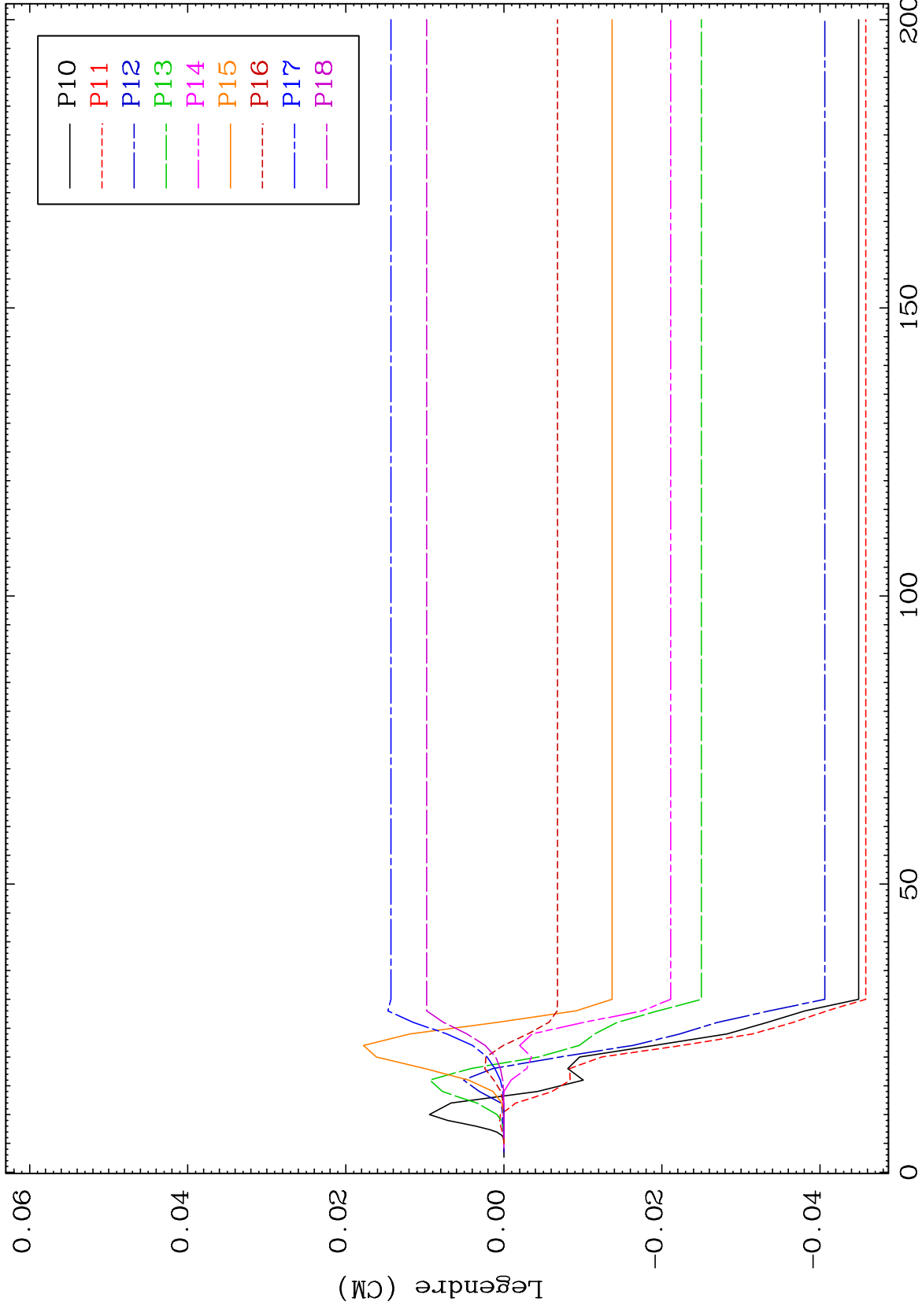
58-Ce-138

Incident Energy (MeV)

MAT 5831

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

58-Ce-138



51

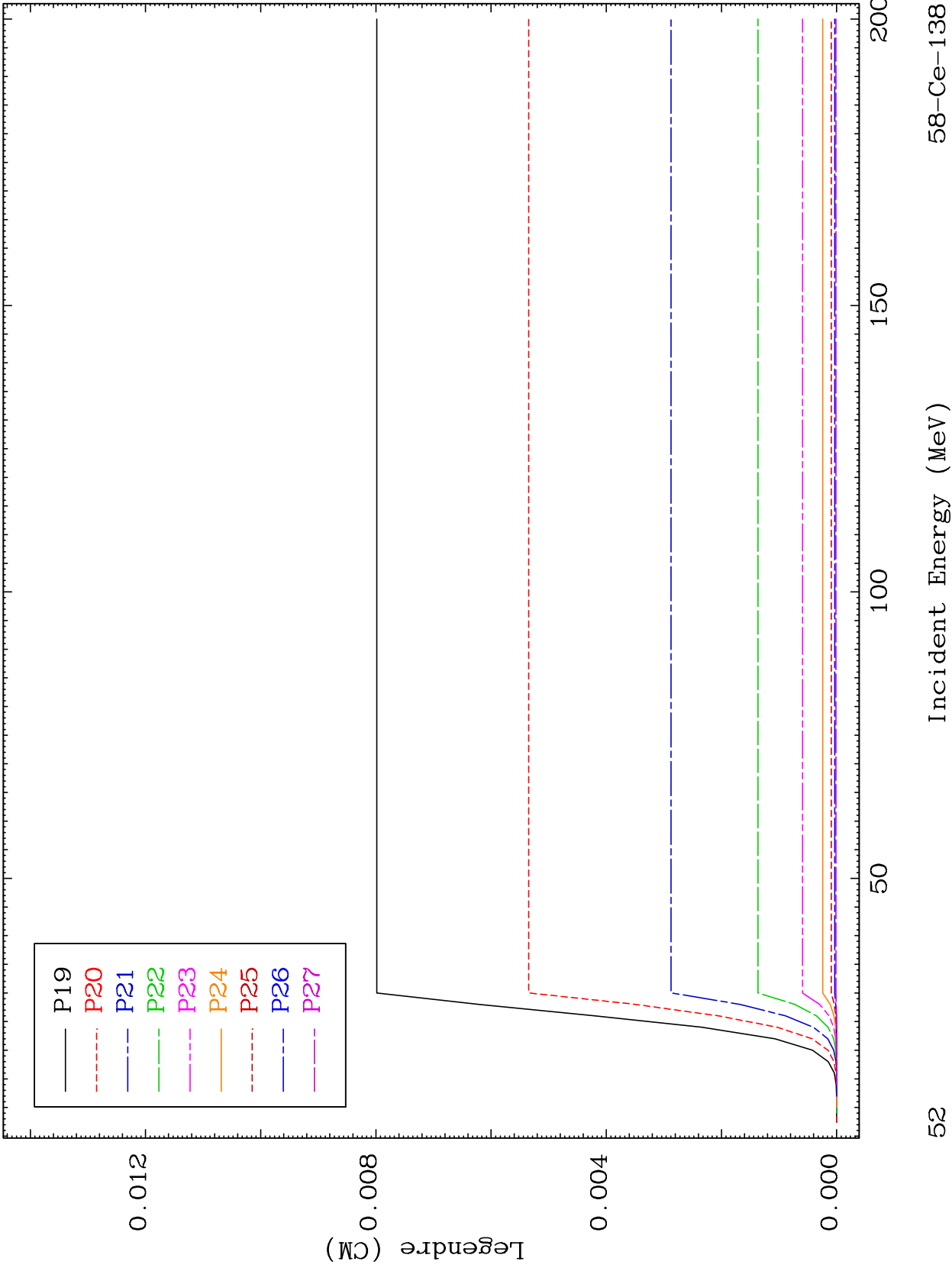
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



52

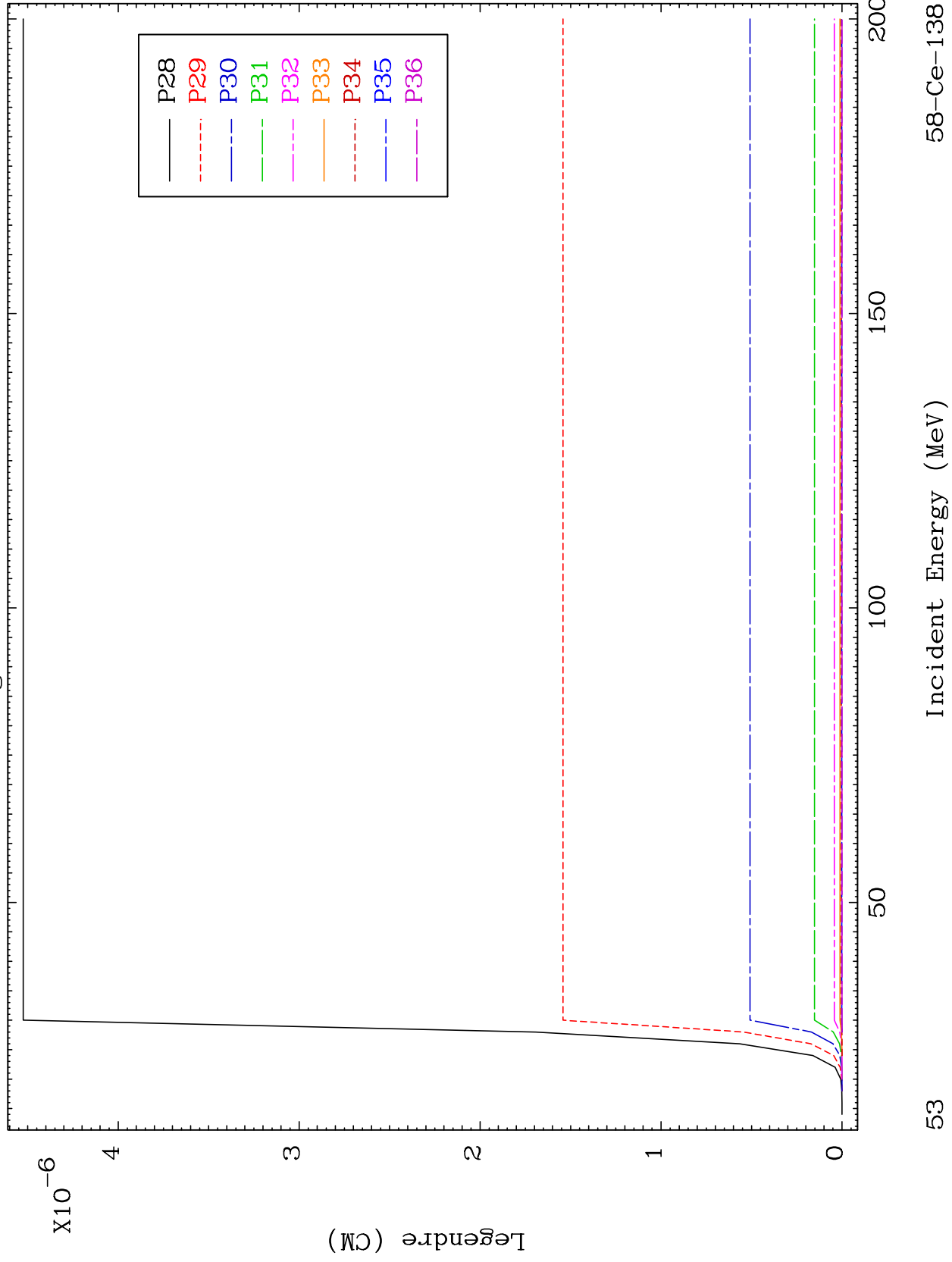
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



53

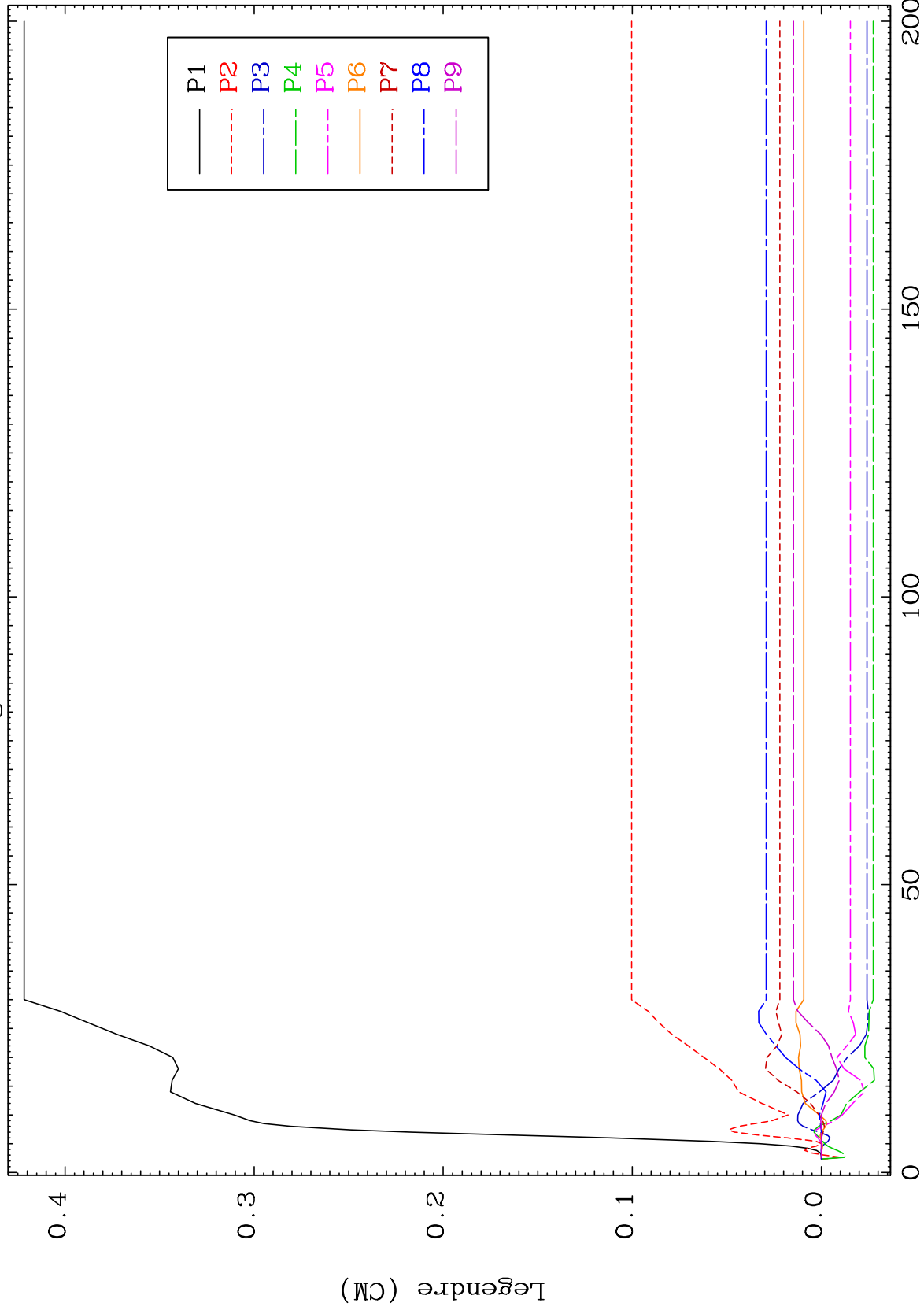
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

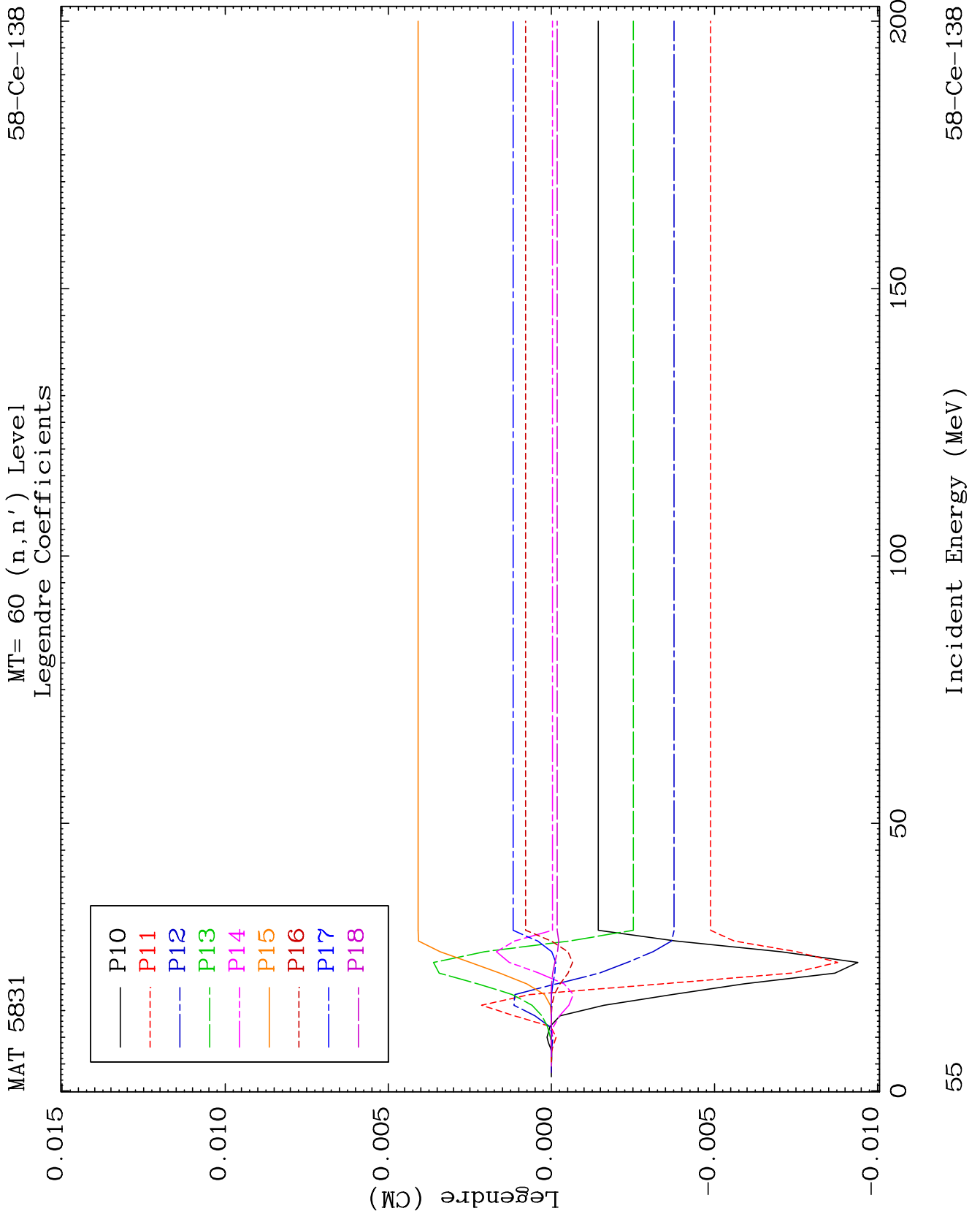
58-Ce-138



54

Incident Energy (MeV)

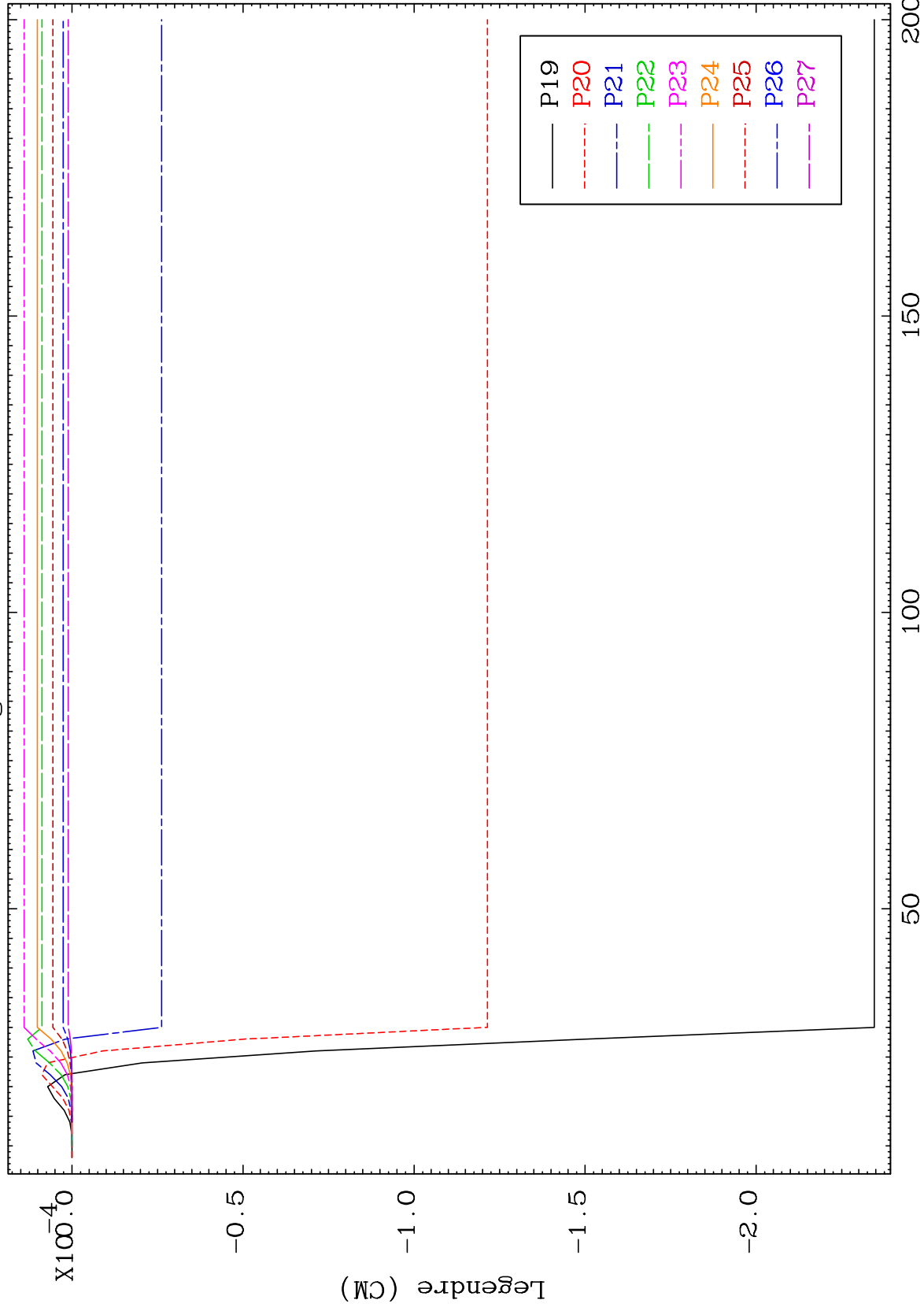
58-Ce-138



MAT 5831

58-Ce-138

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



56

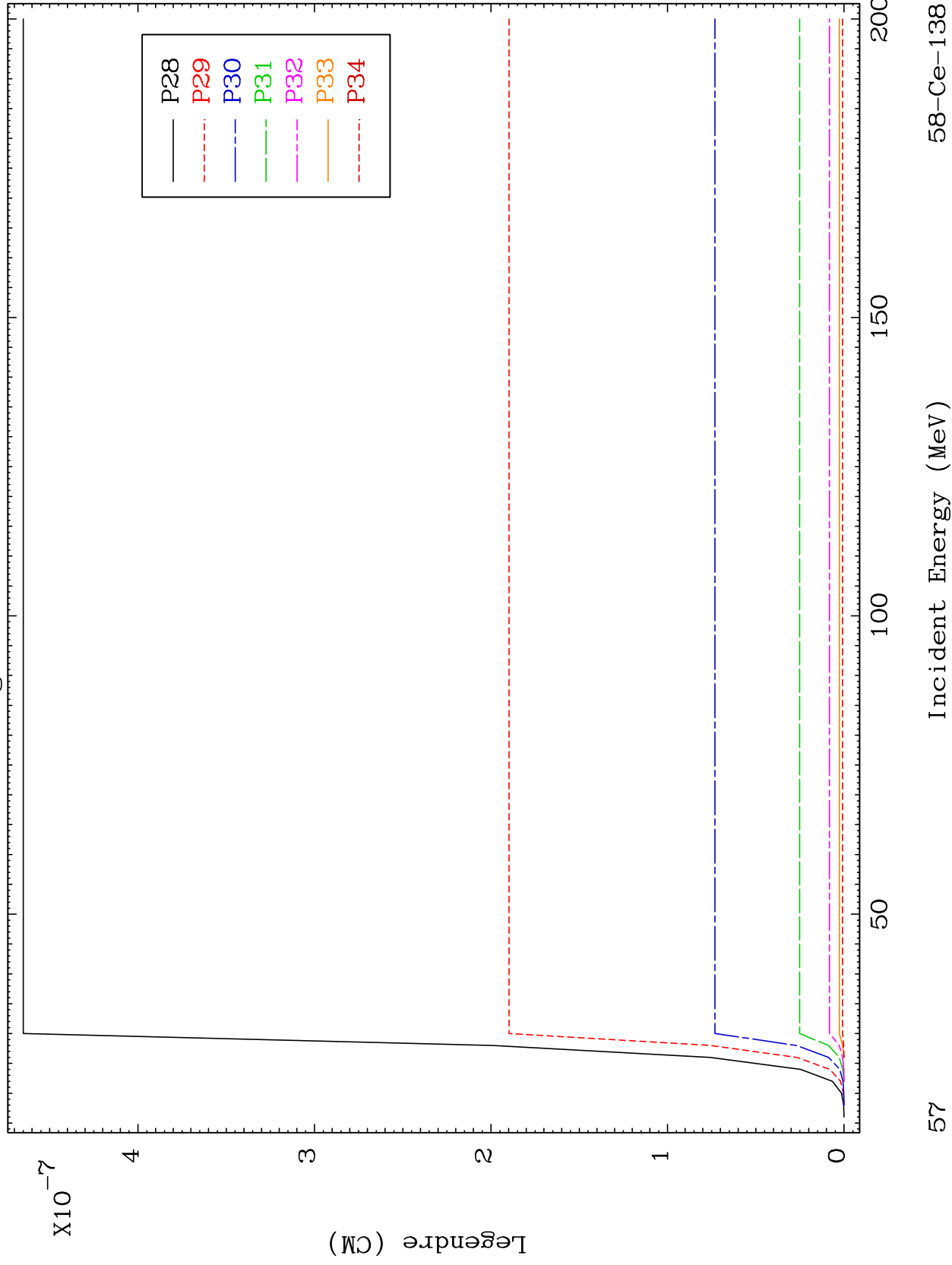
58-Ce-138

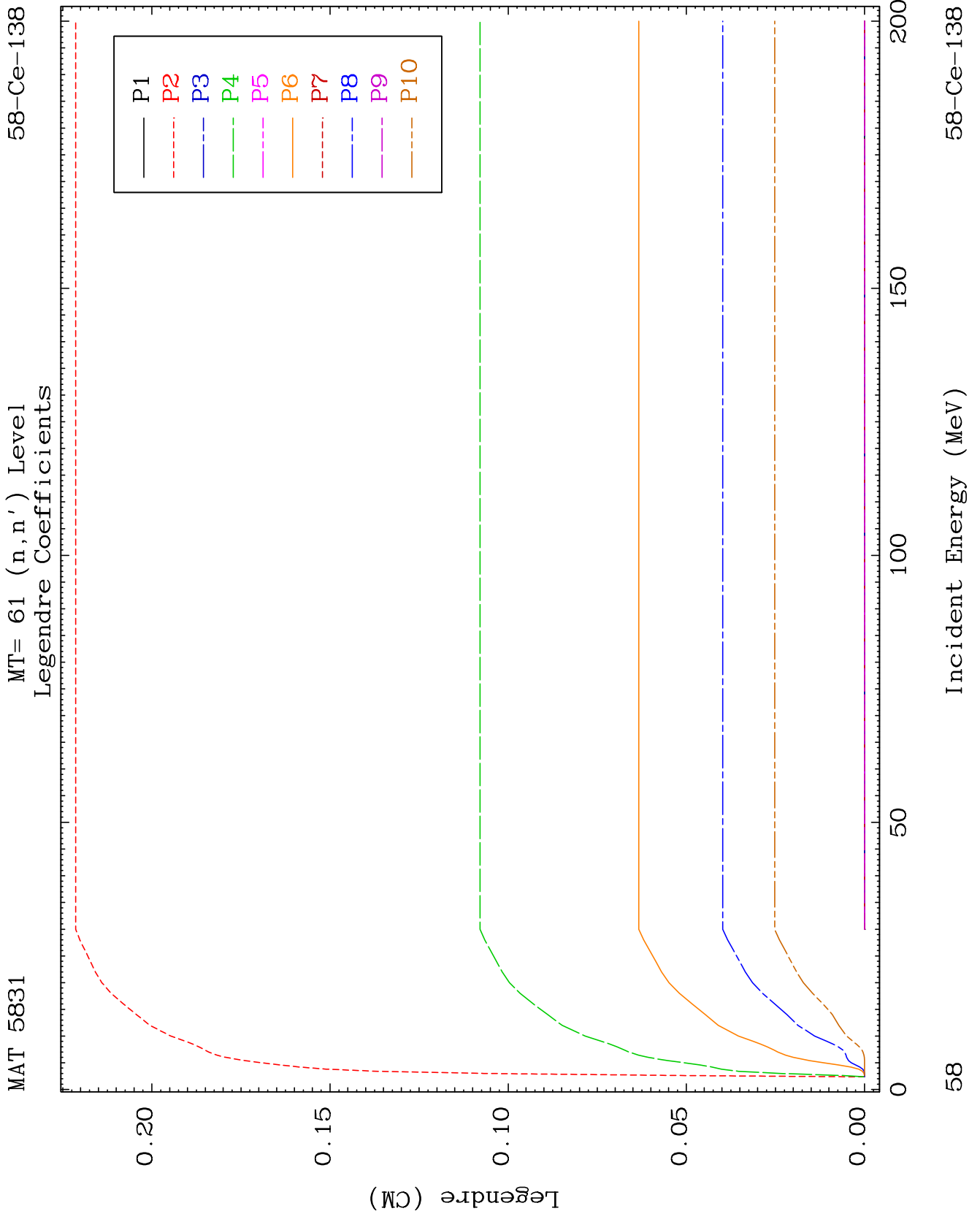
Incident Energy (MeV)

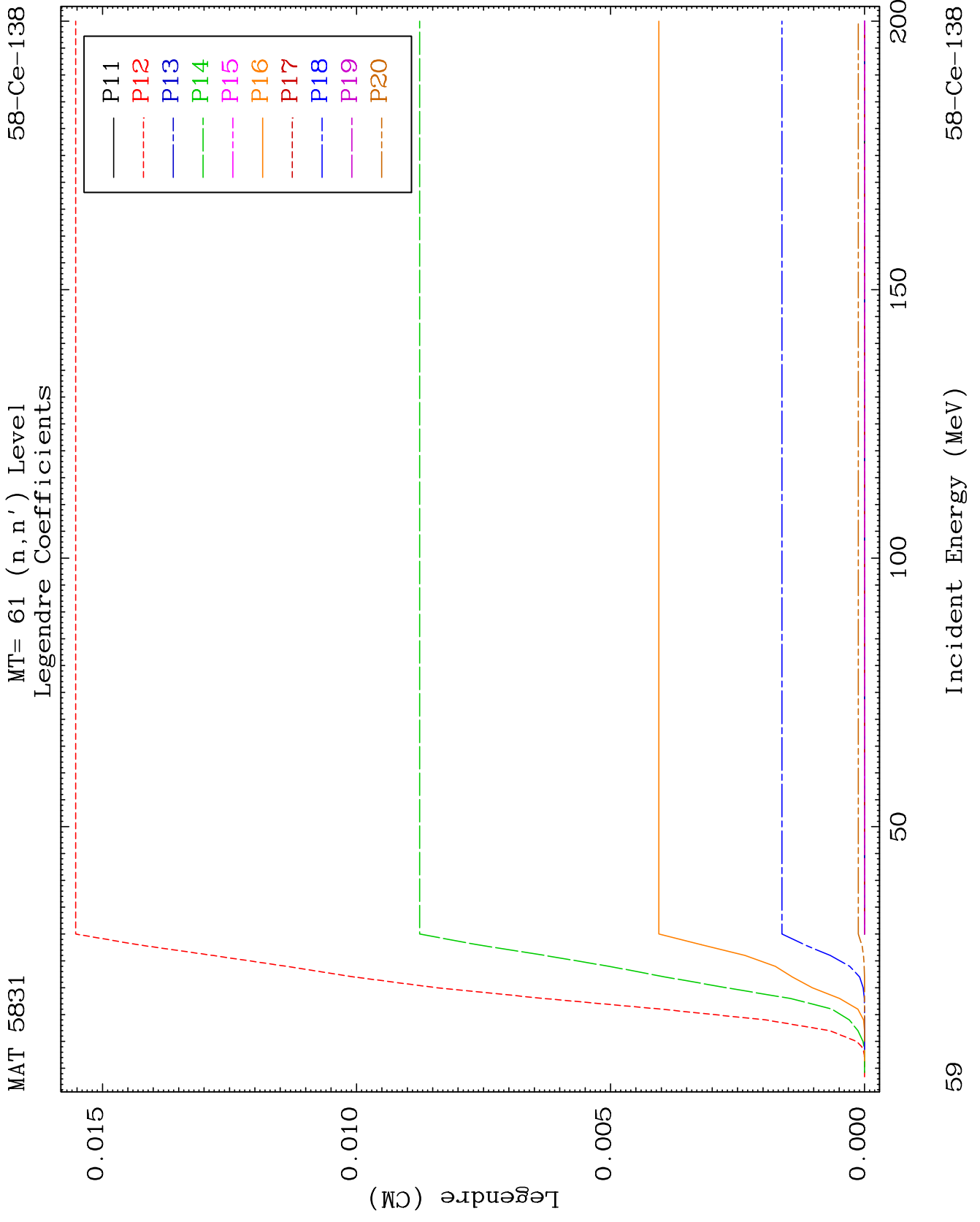
MAT 5831

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

58-Ce-138



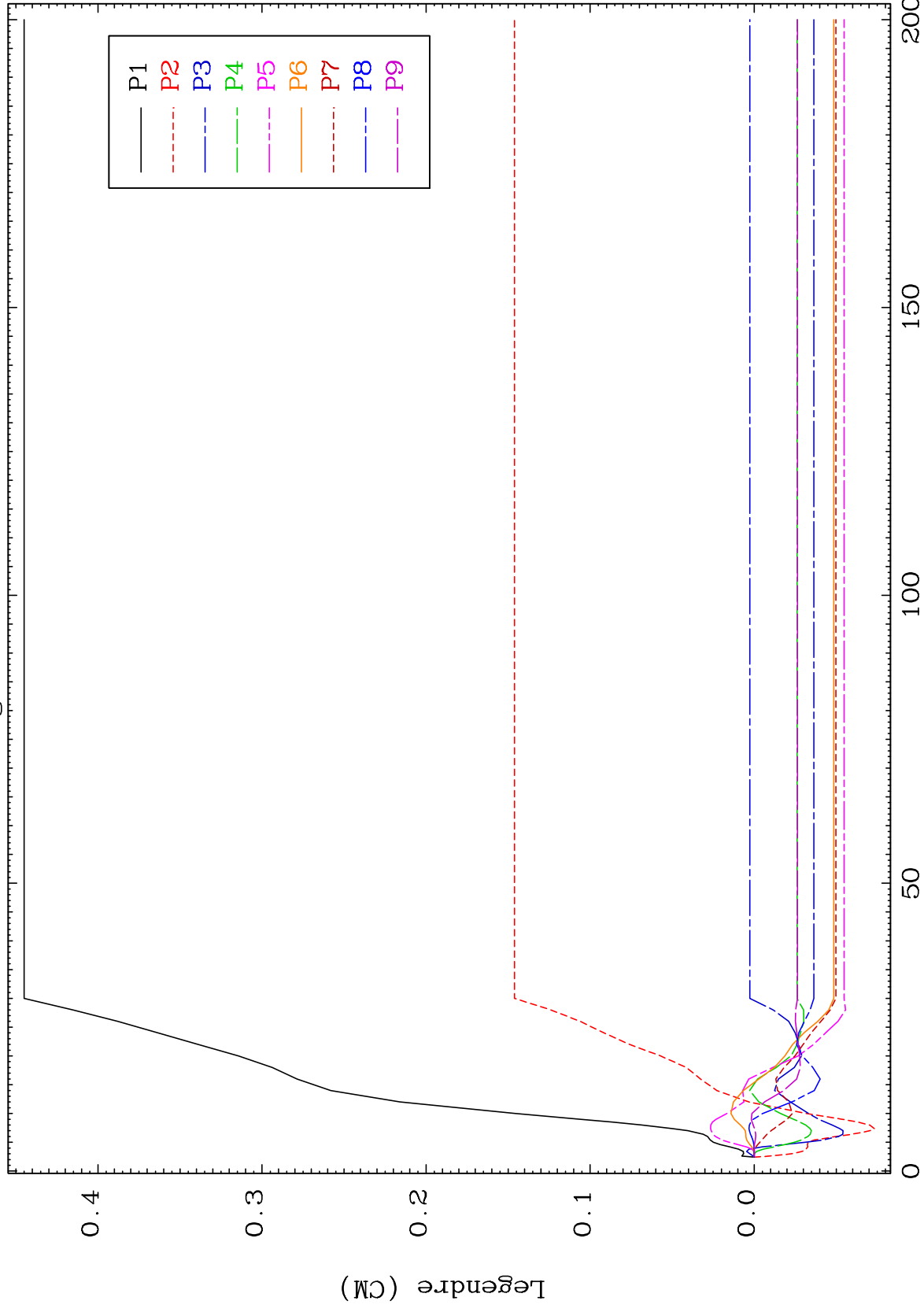




MAT 5831

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

58-Ce-138



61

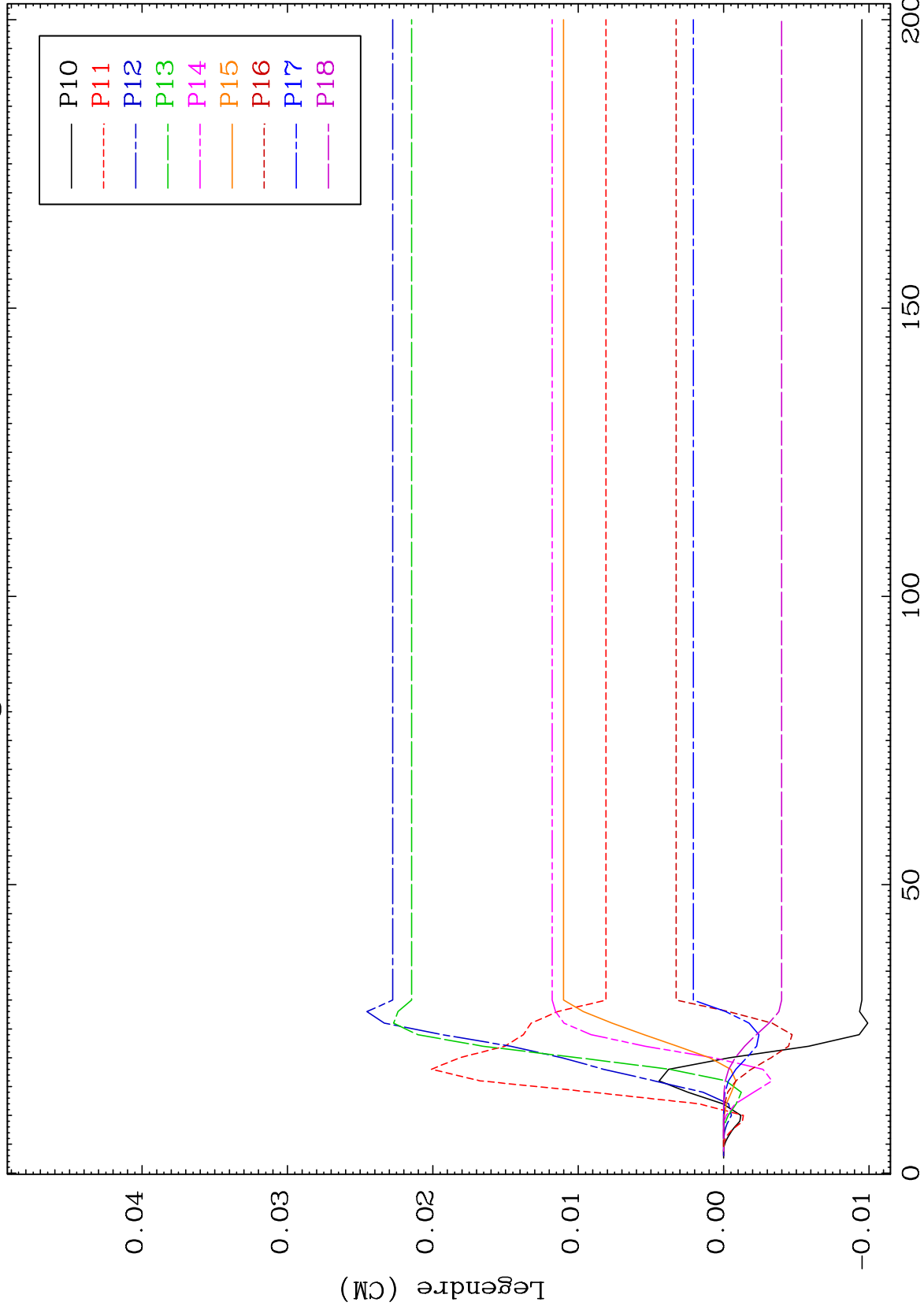
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



62

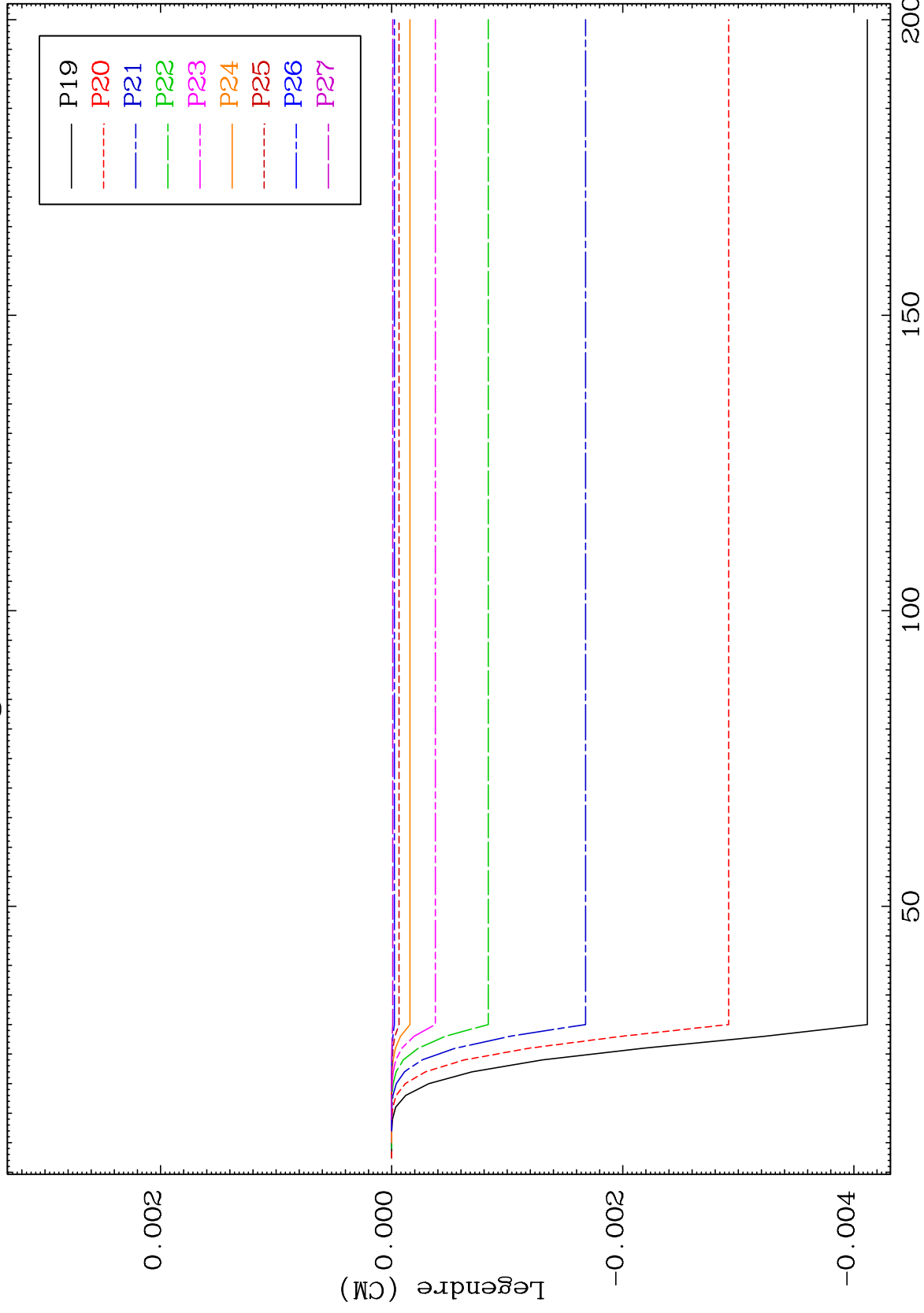
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

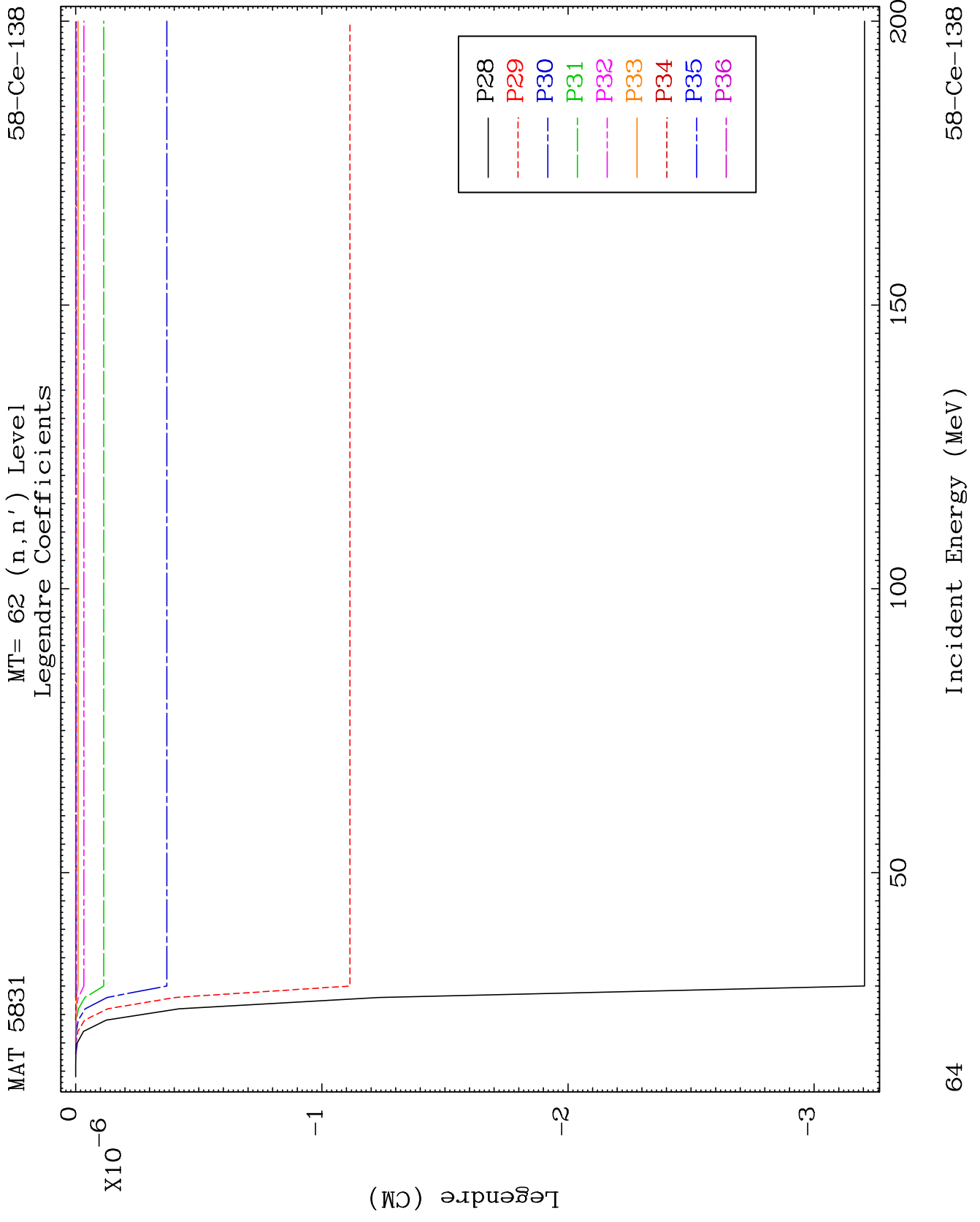
58-Ce-138



63

Incident Energy (MeV)

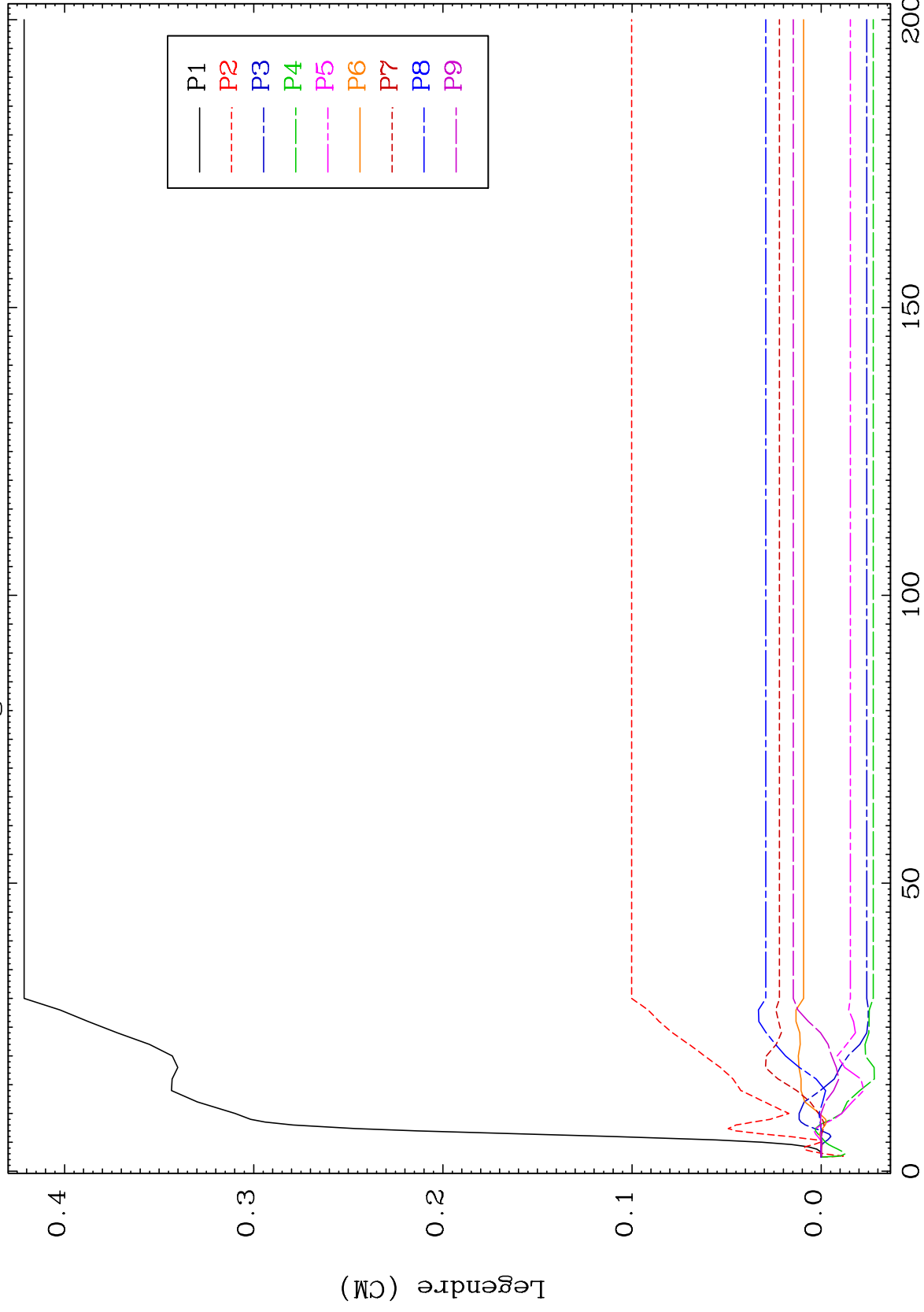
58-Ce-138



MAT 5831

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

58-Ce-138



65

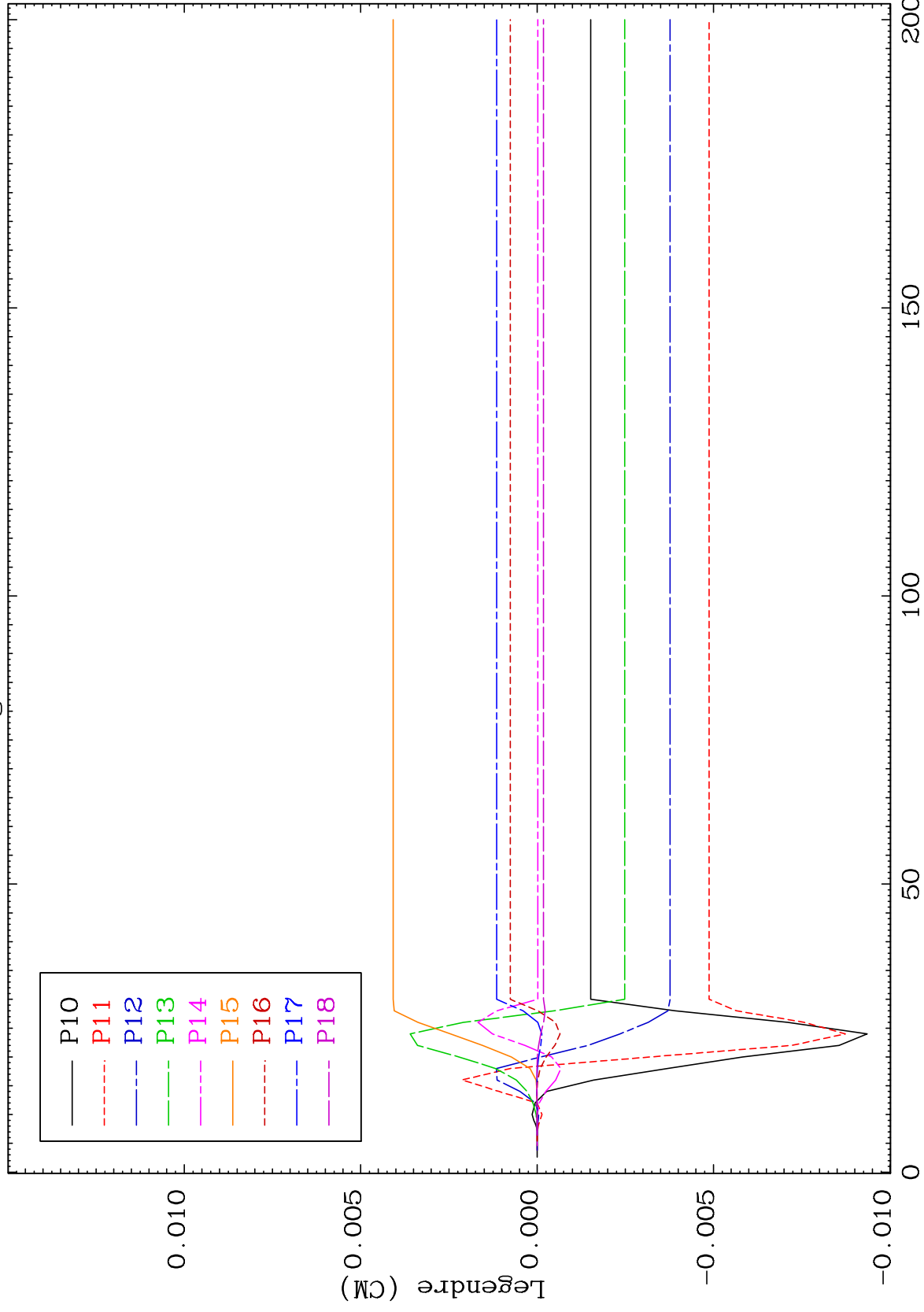
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



66

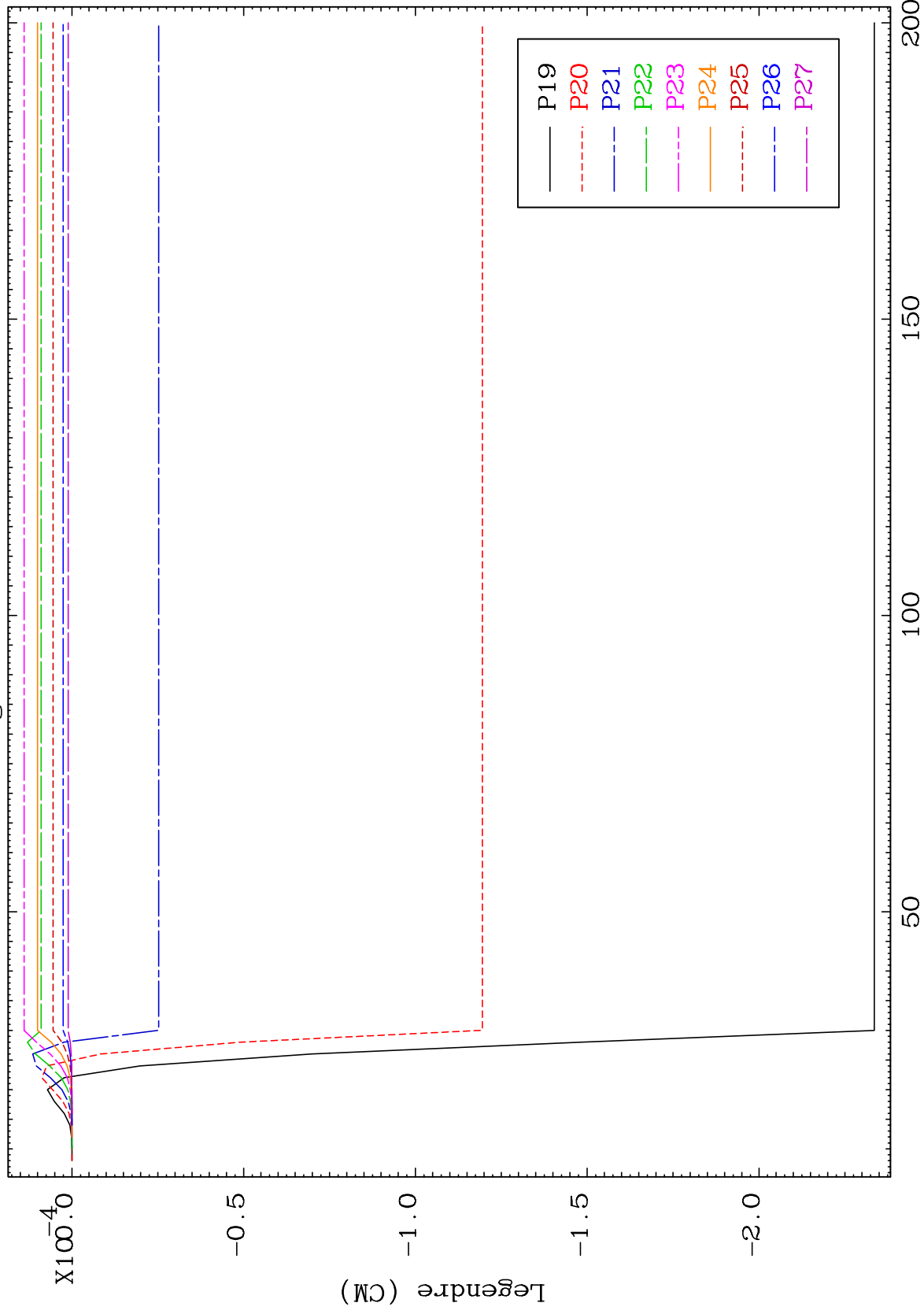
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



67

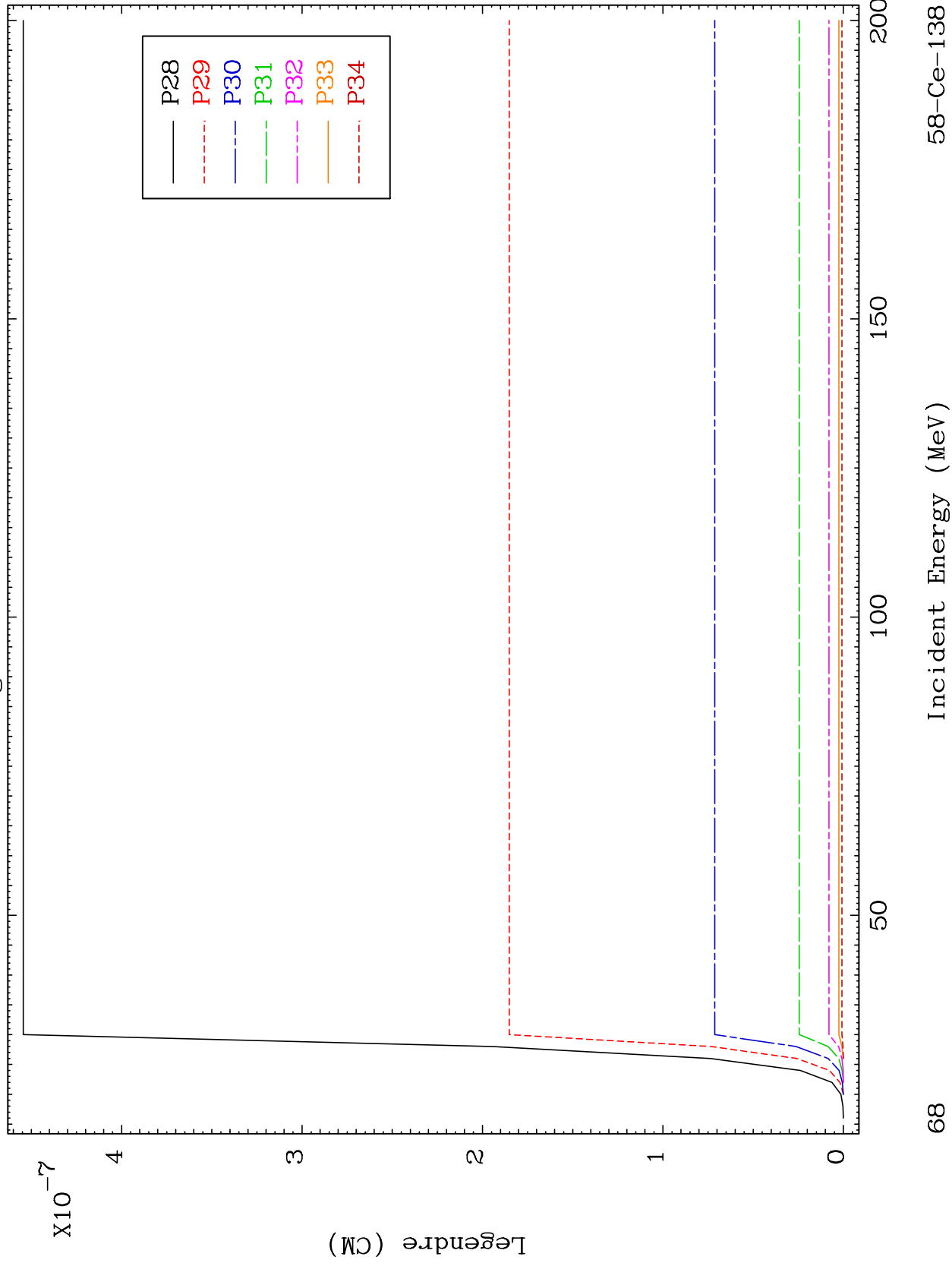
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



68

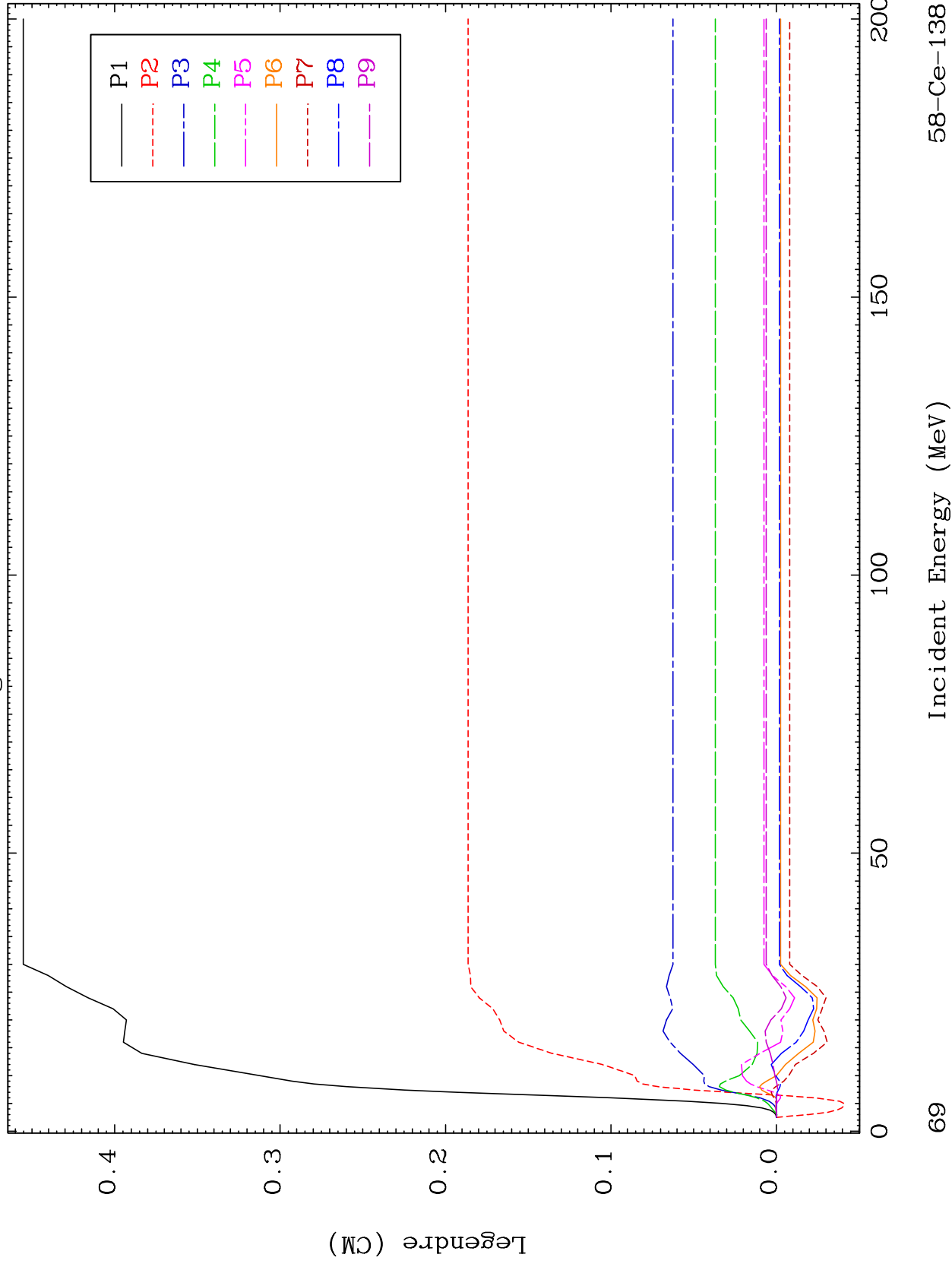
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



58-Ce-138

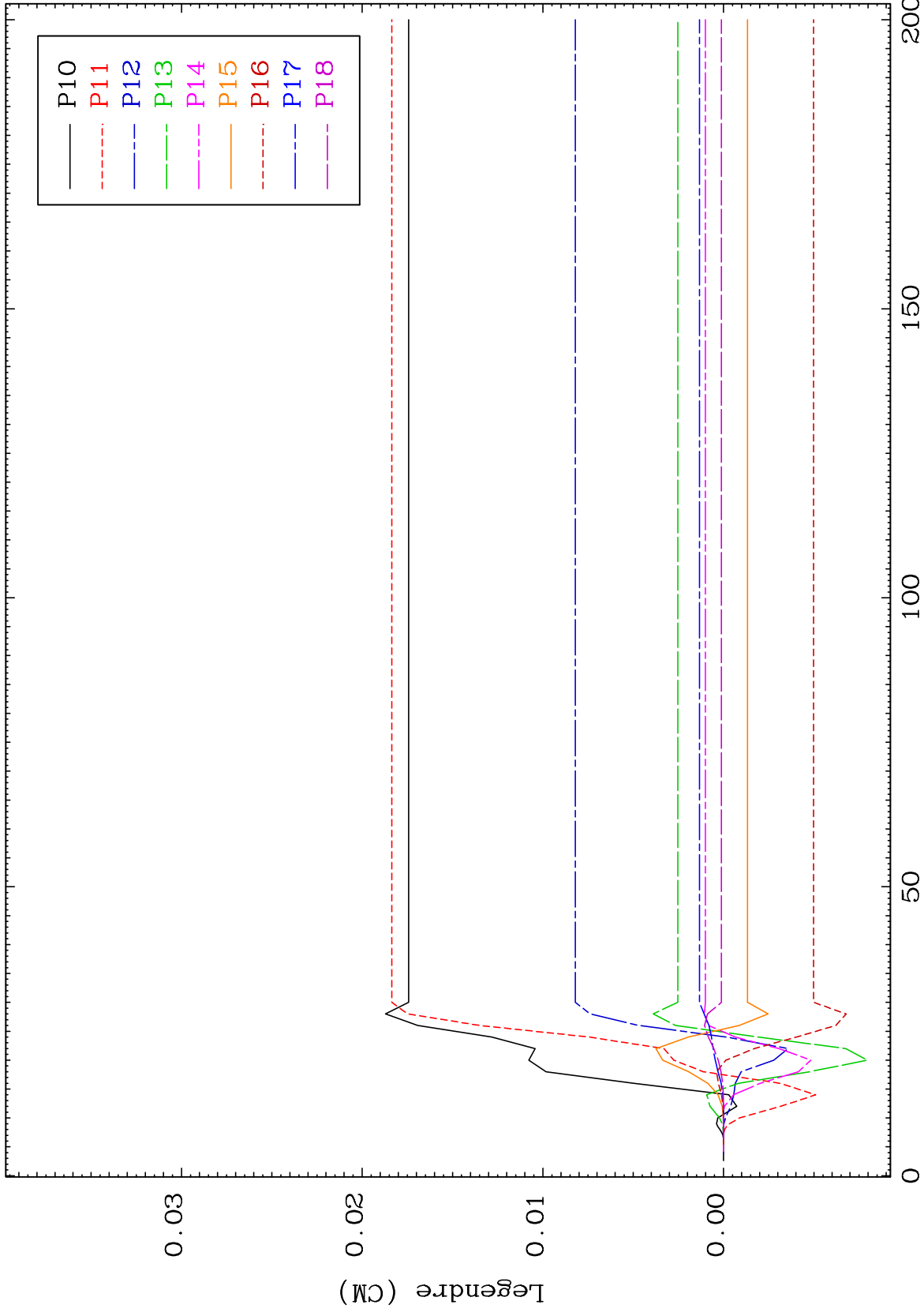
Incident Energy (MeV)

69

MAT 5831

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

58-Ce-138



70

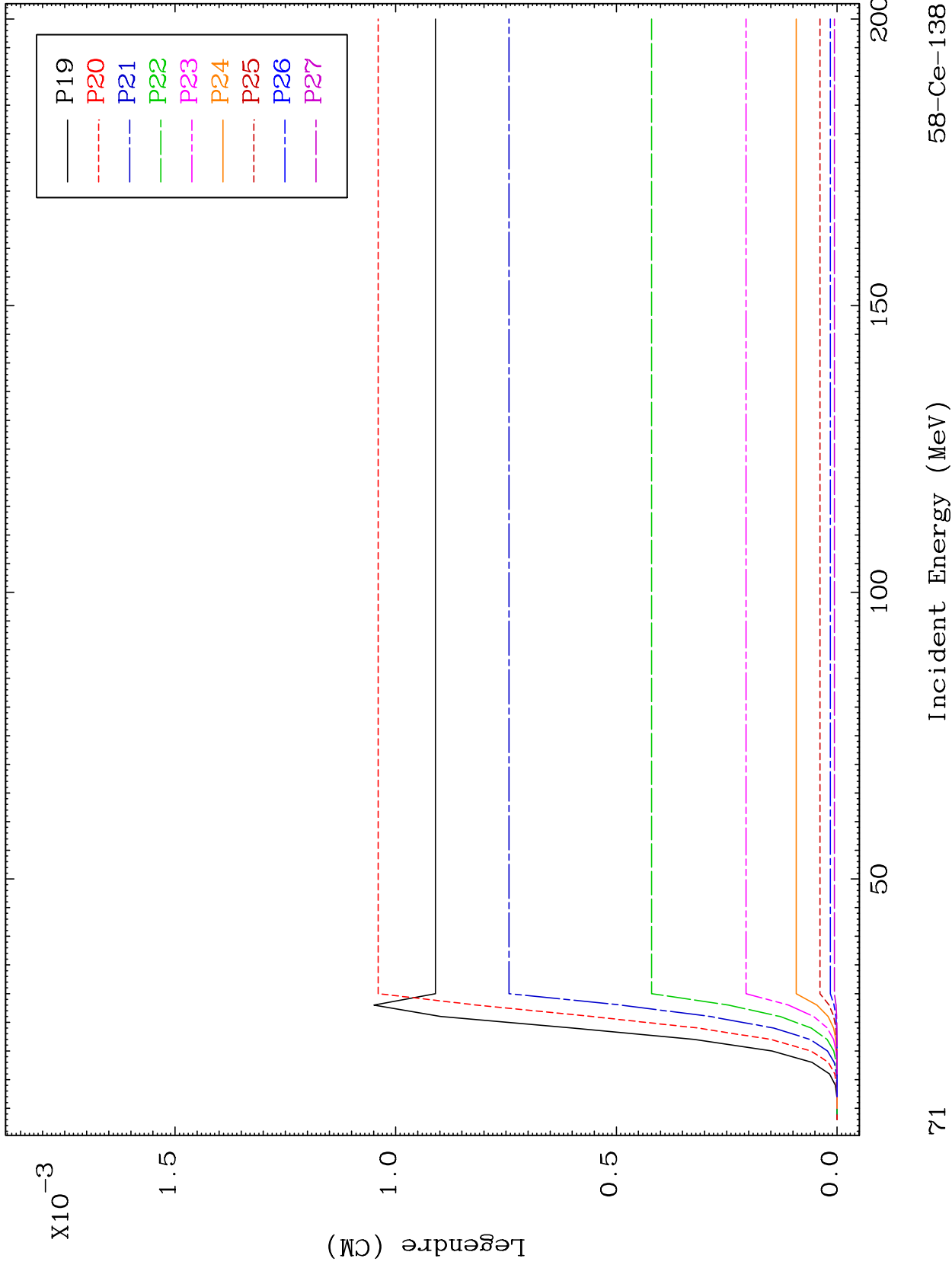
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

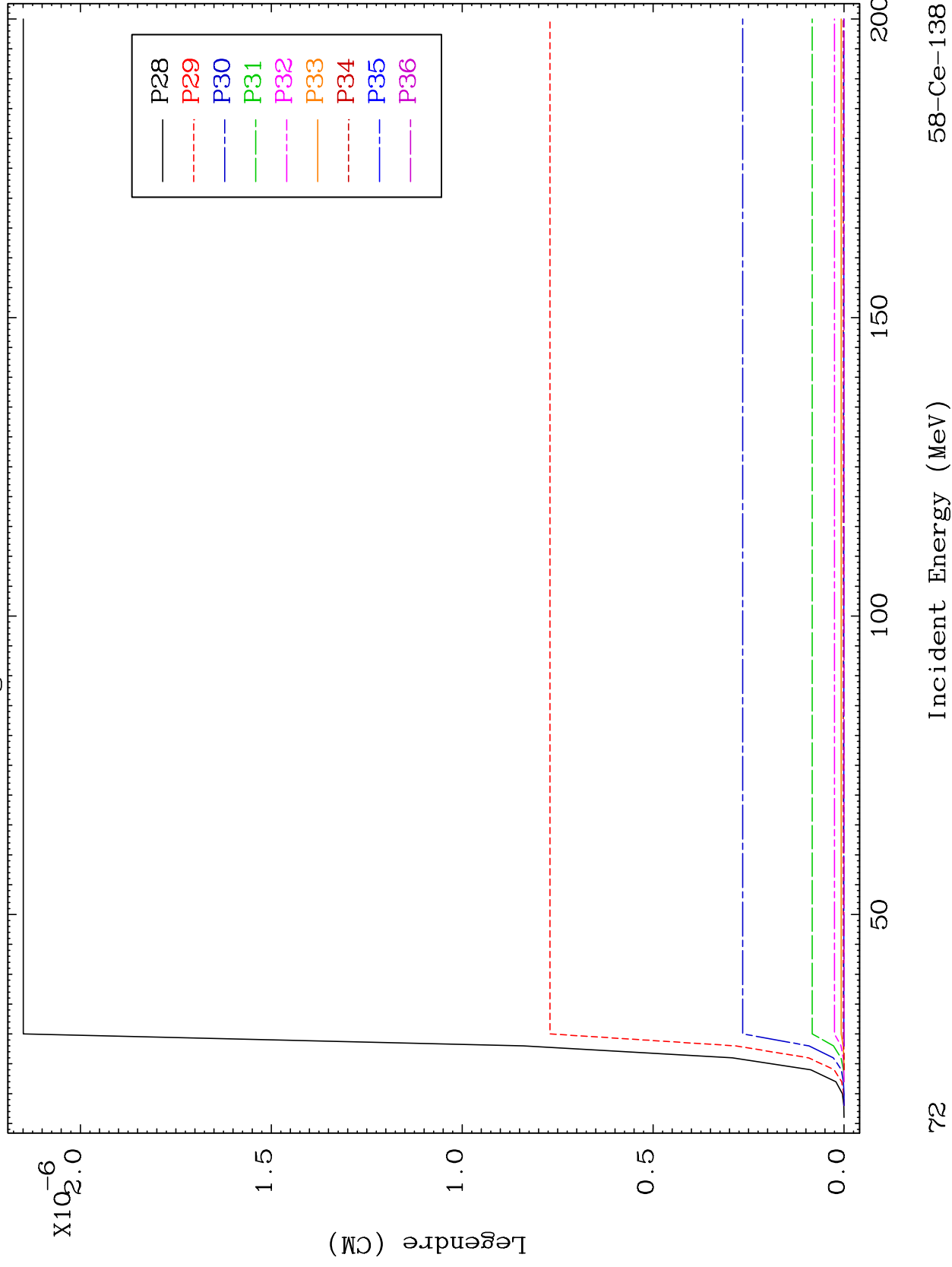
58-Ce-138



MAT 5831

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

58-Ce-138



72

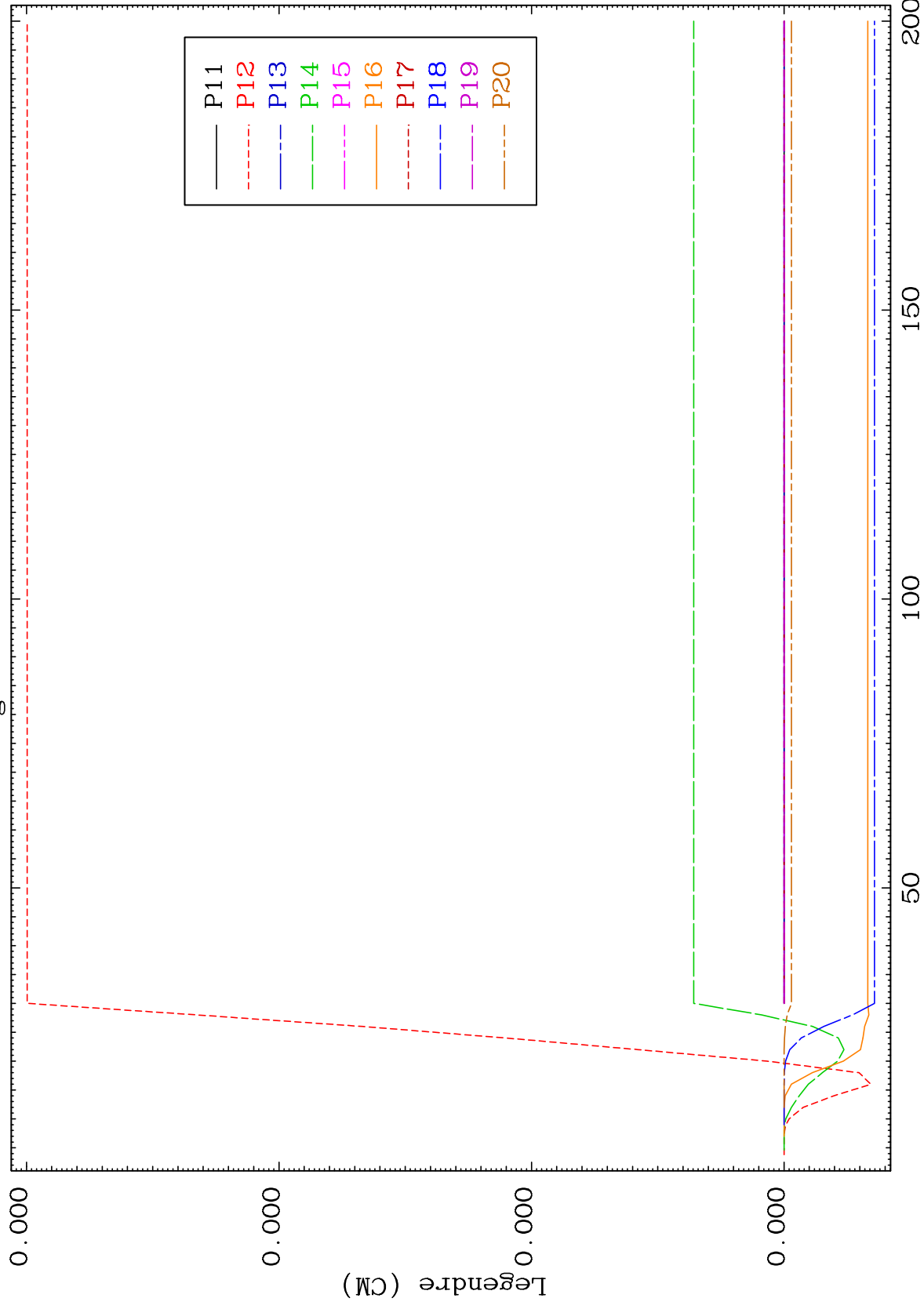
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

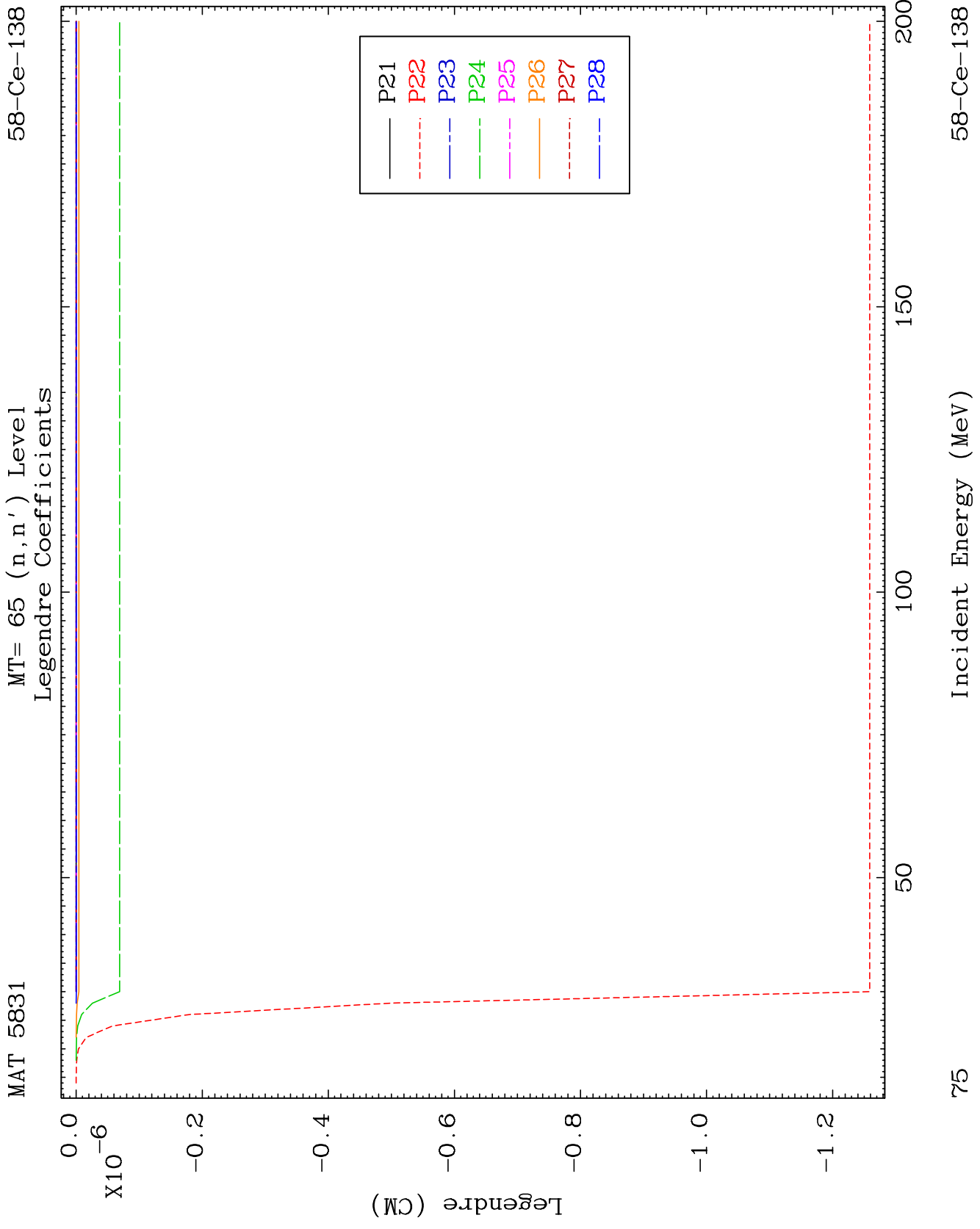
58-Ce-138



74

Incident Energy (MeV)

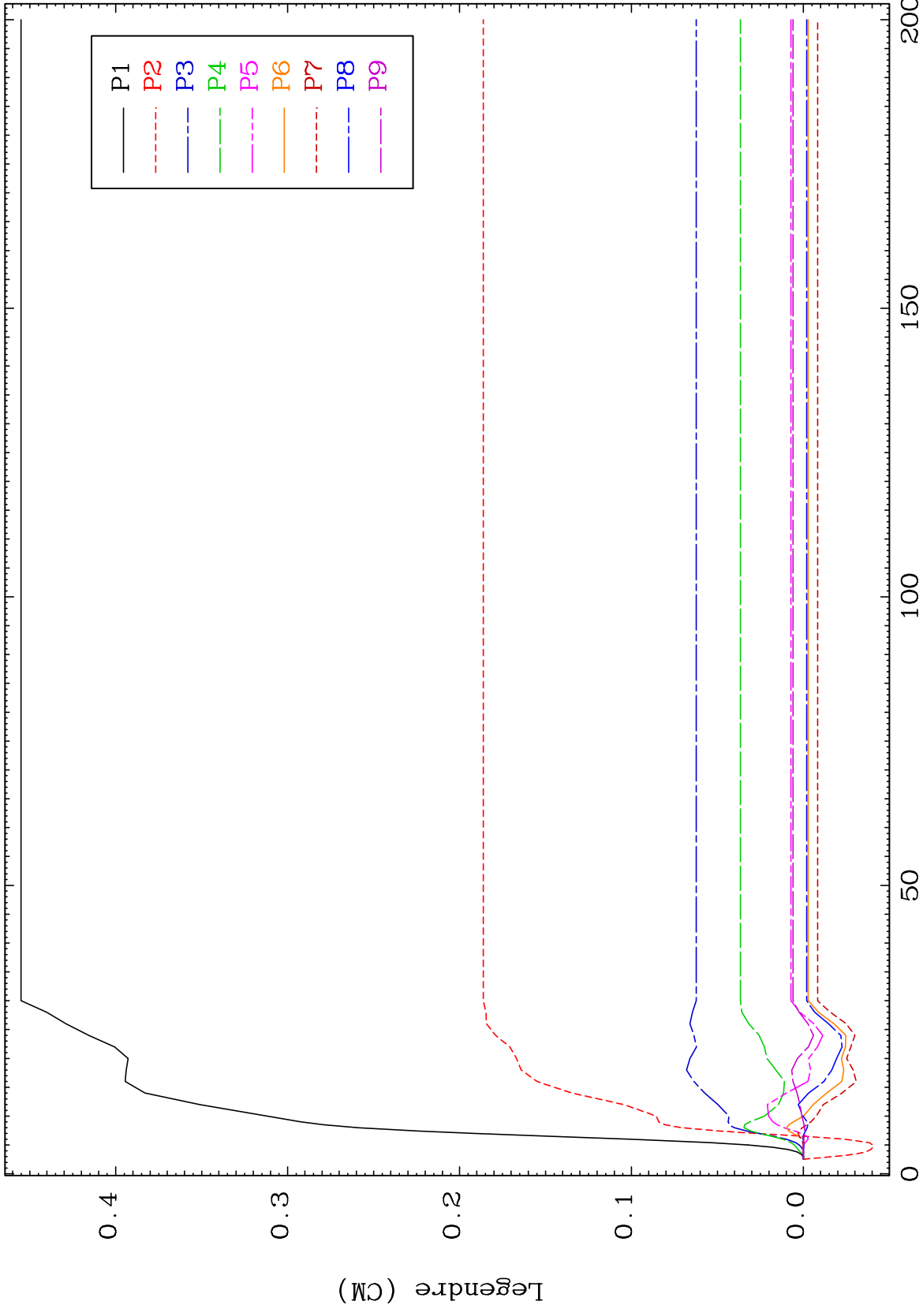
58-Ce-138



MAT 5831

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

58-Ce-138



76

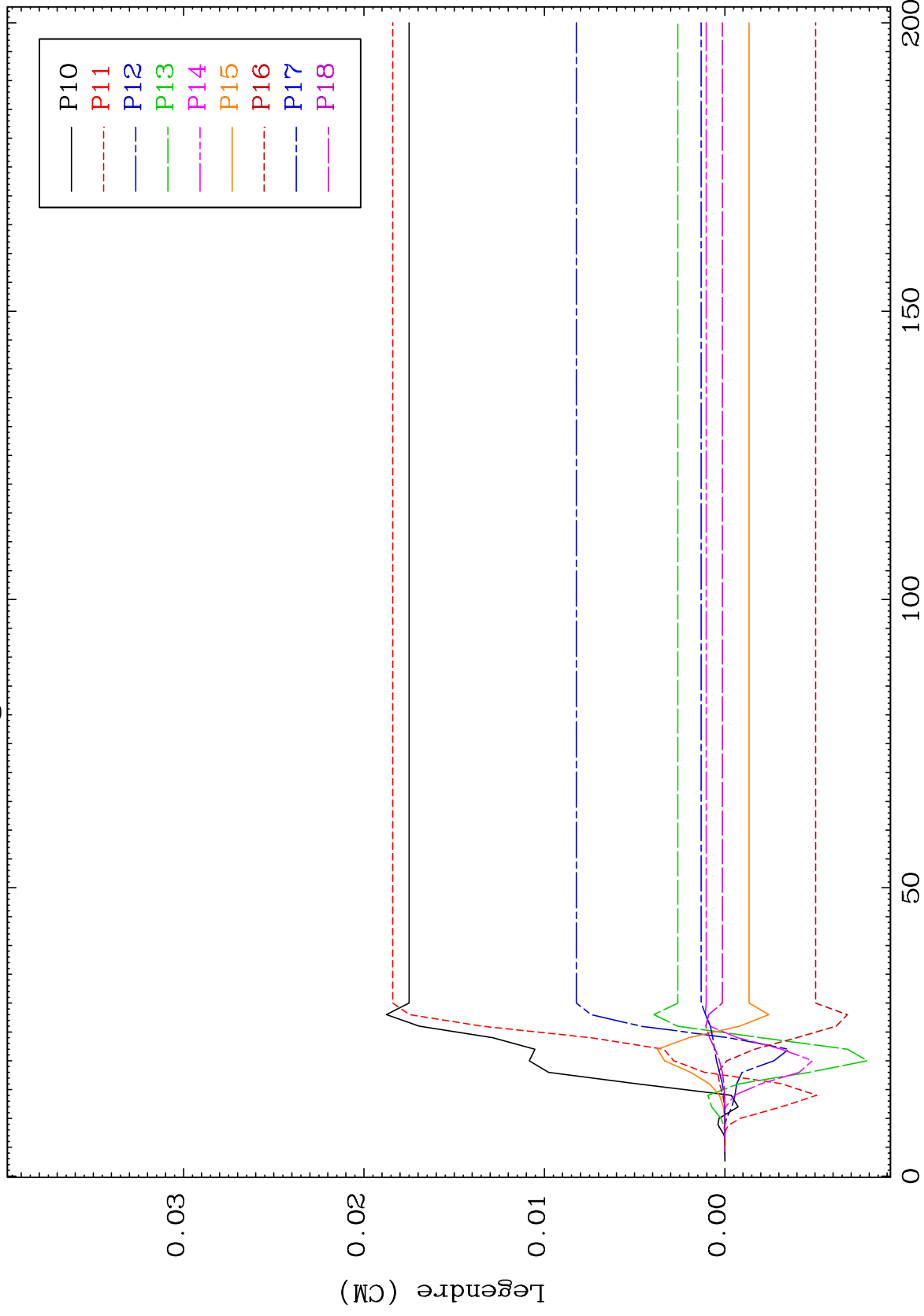
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



77

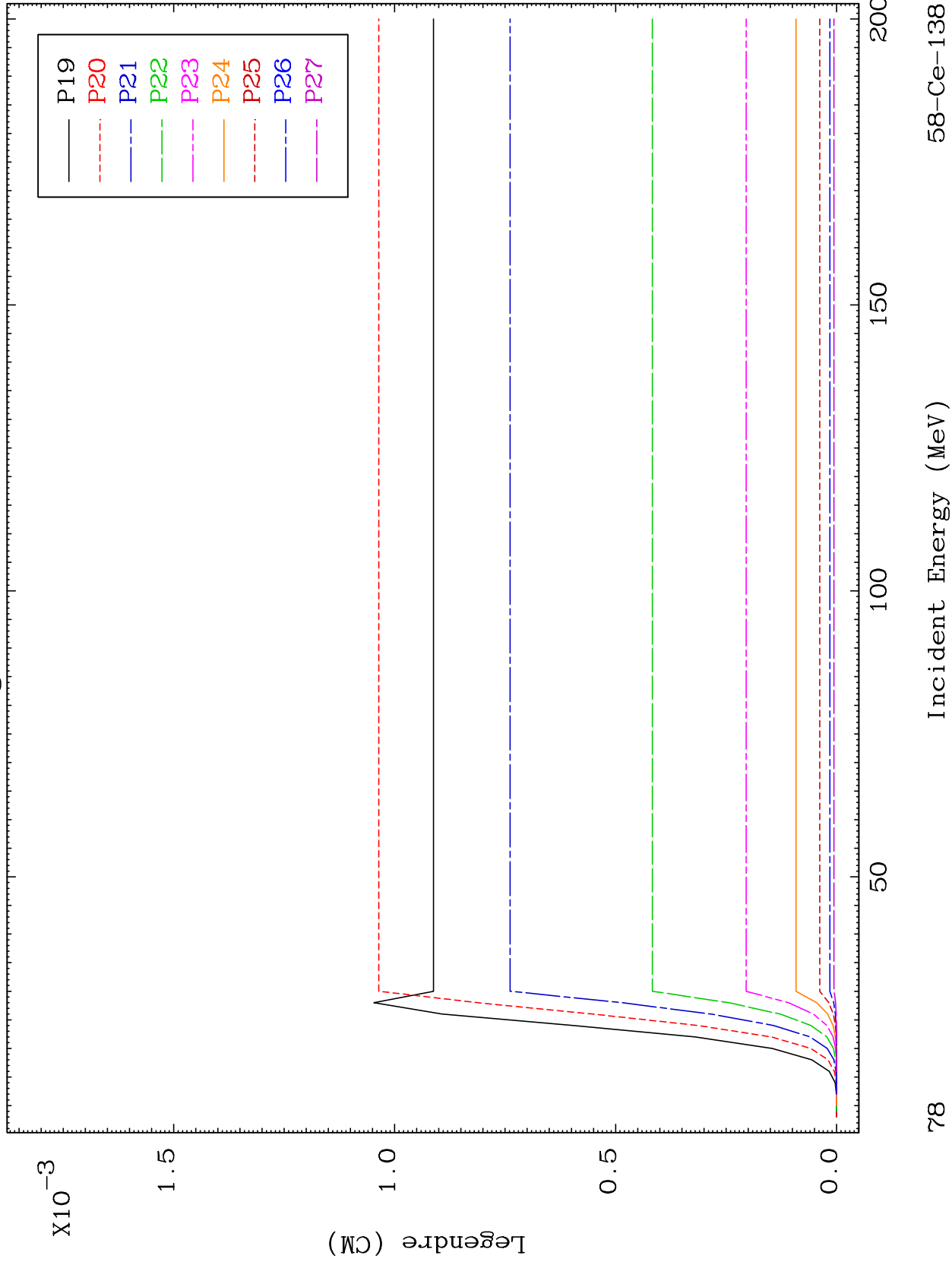
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

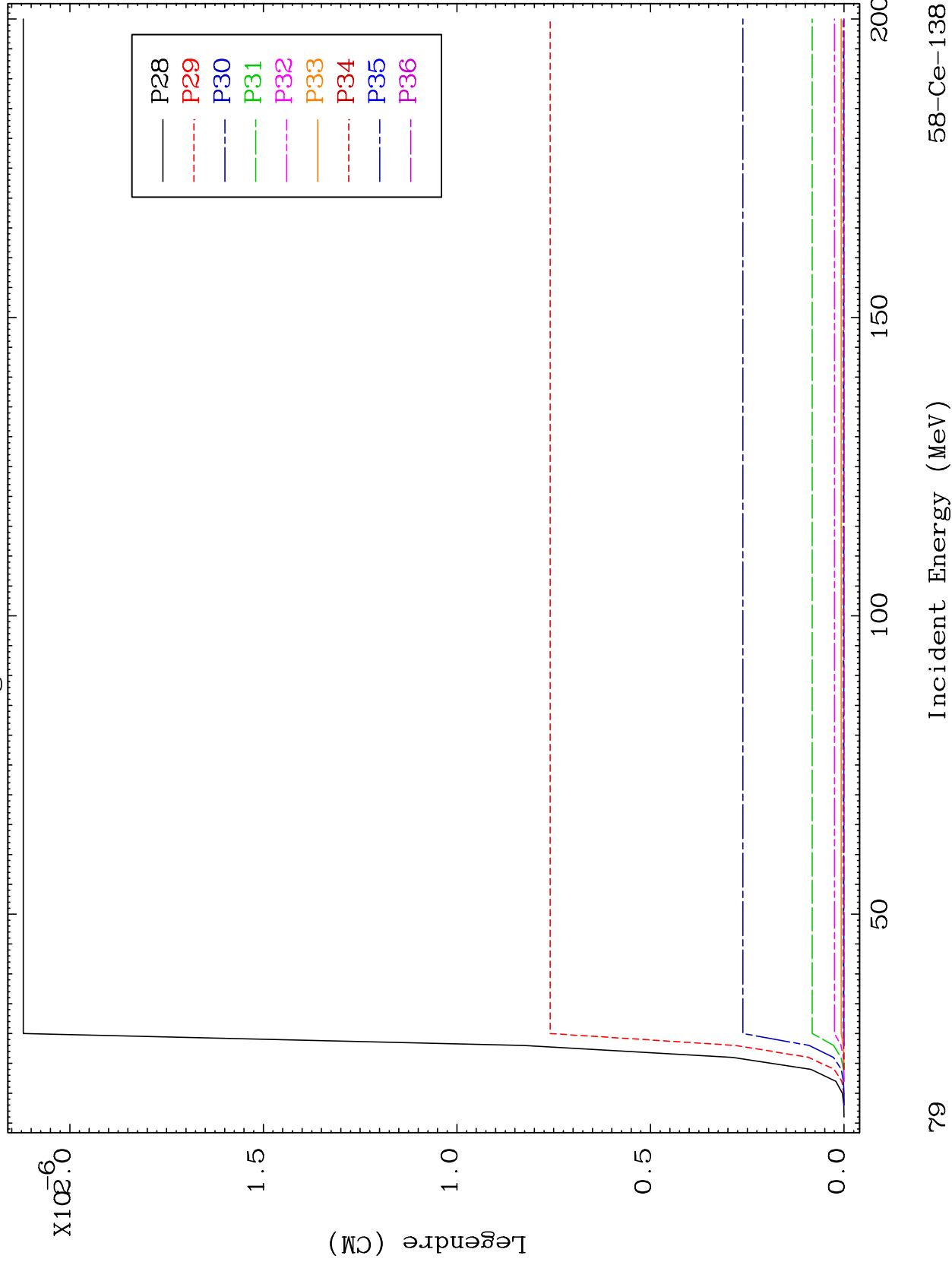
58-Ce-138



MAT 5831

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

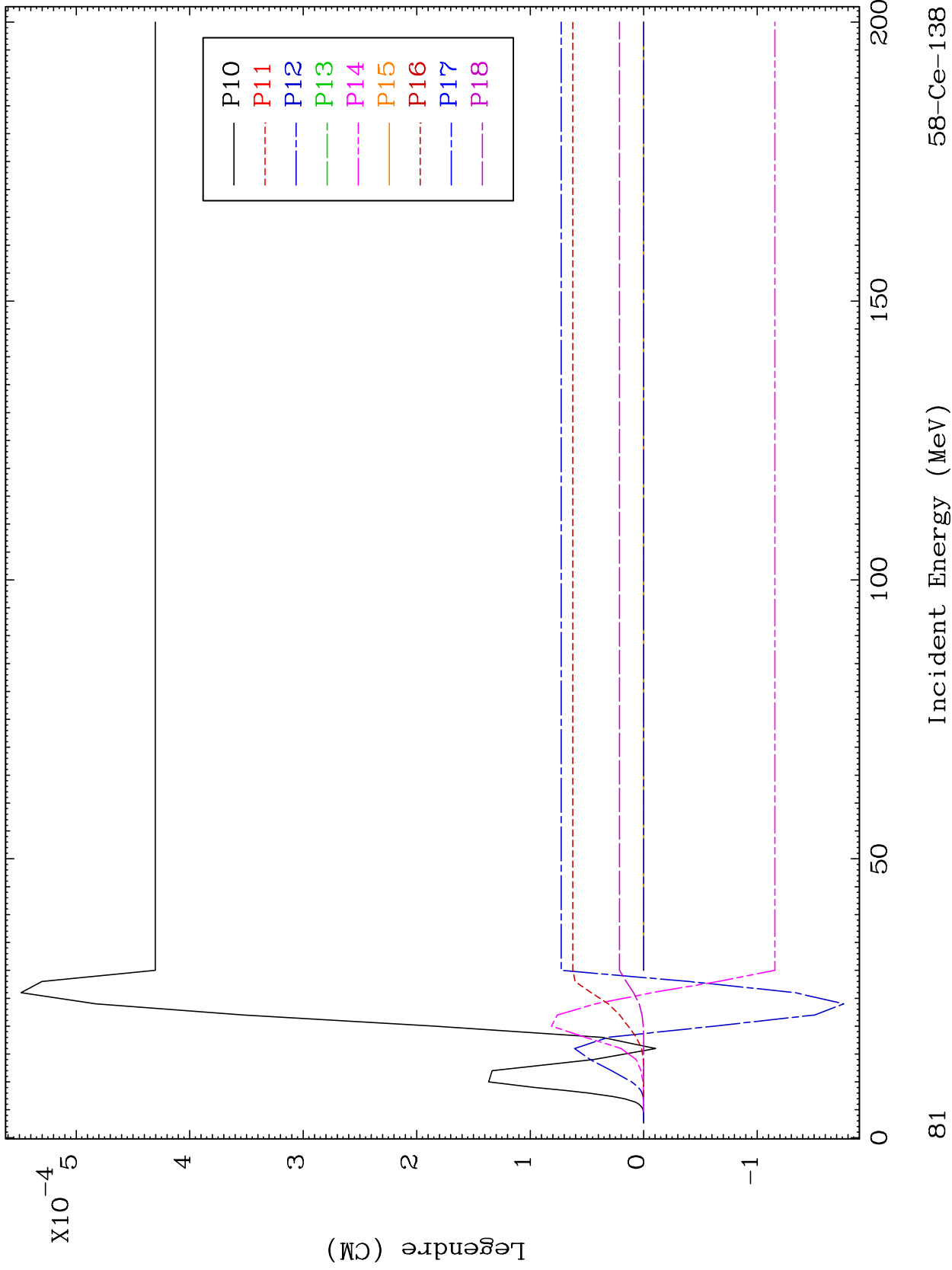
58-Ce-138



MAT 5831

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

58-Ce-138



81

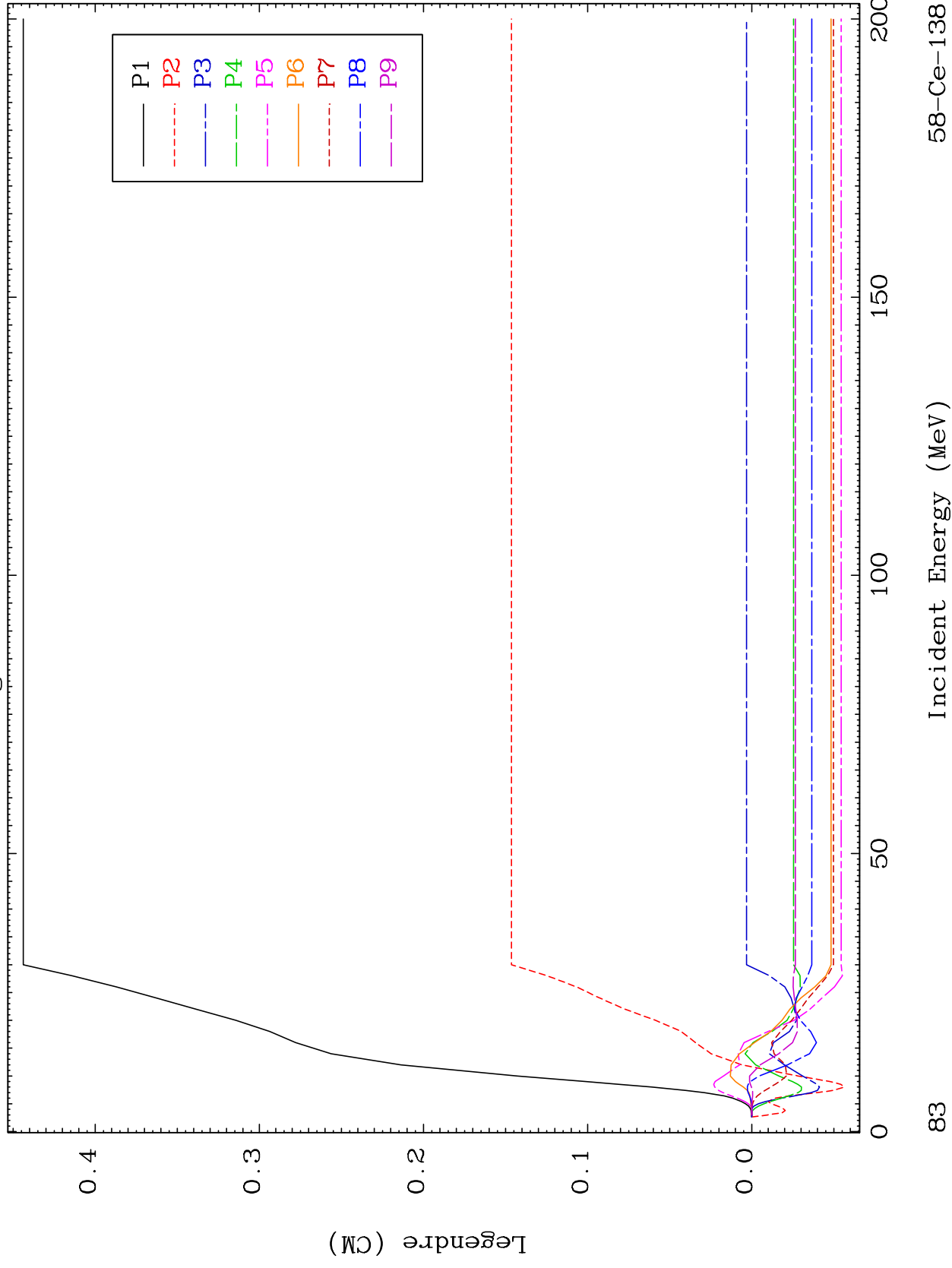
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



83

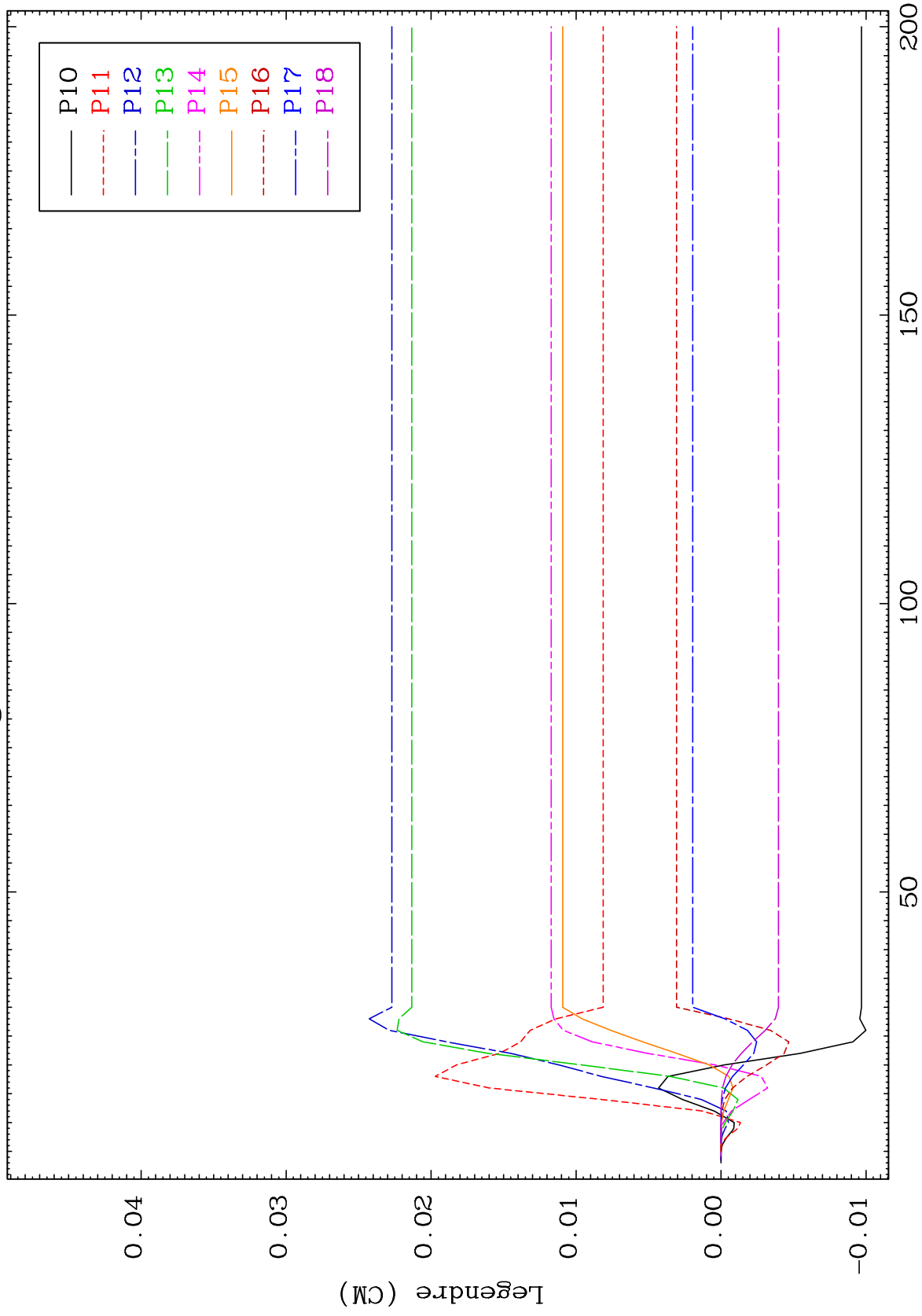
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



84

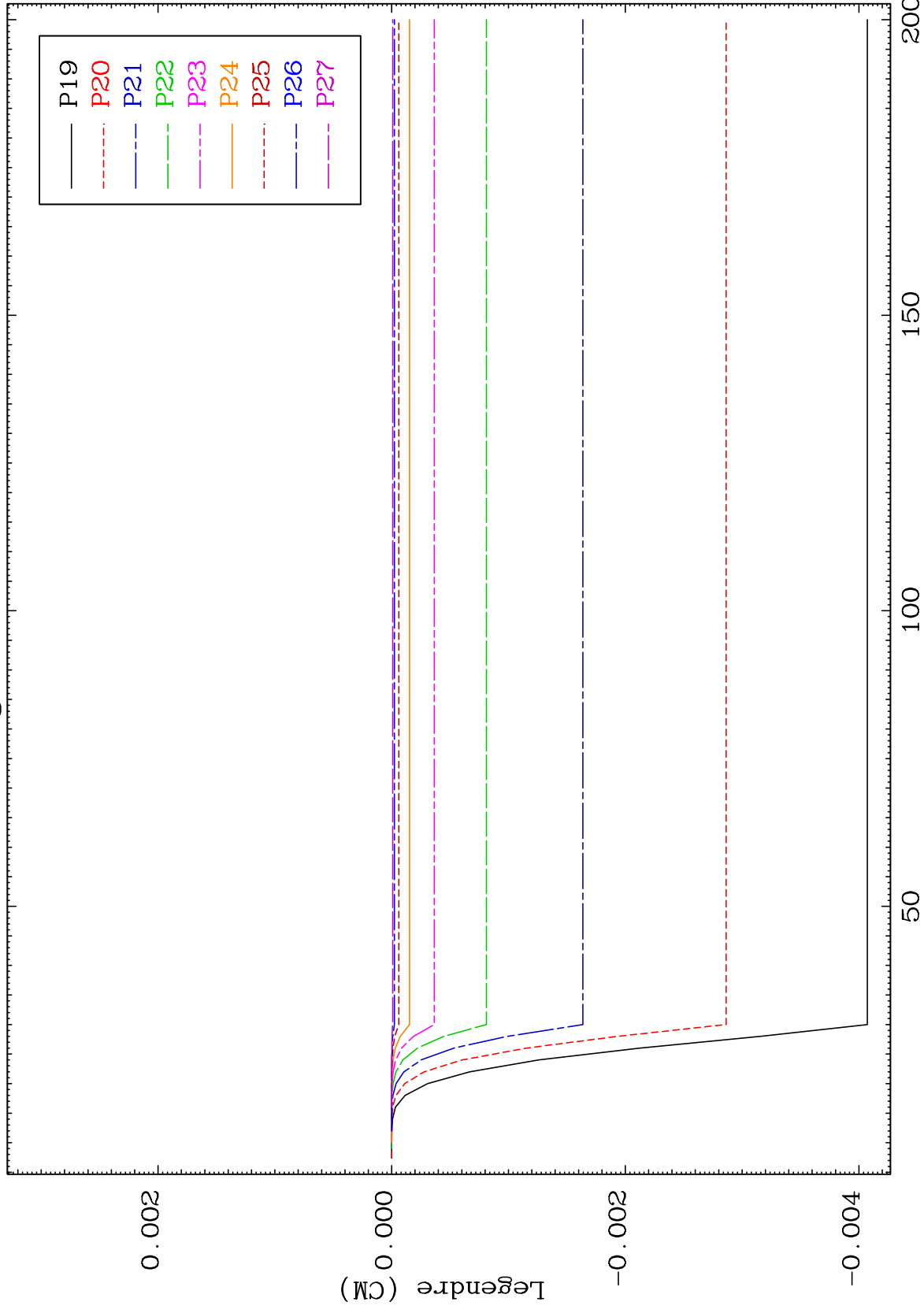
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

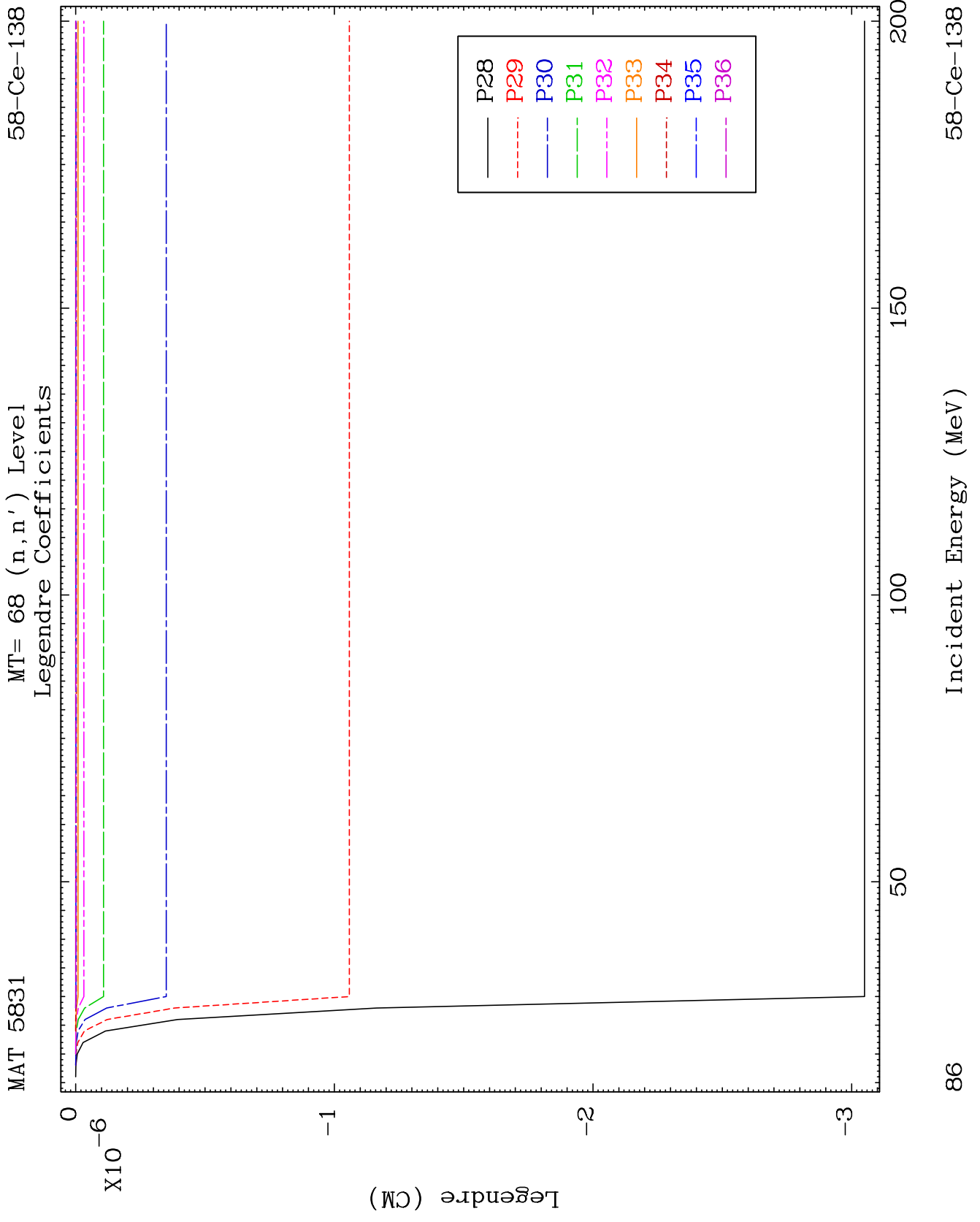
58-Ce-138



85

Incident Energy (MeV)

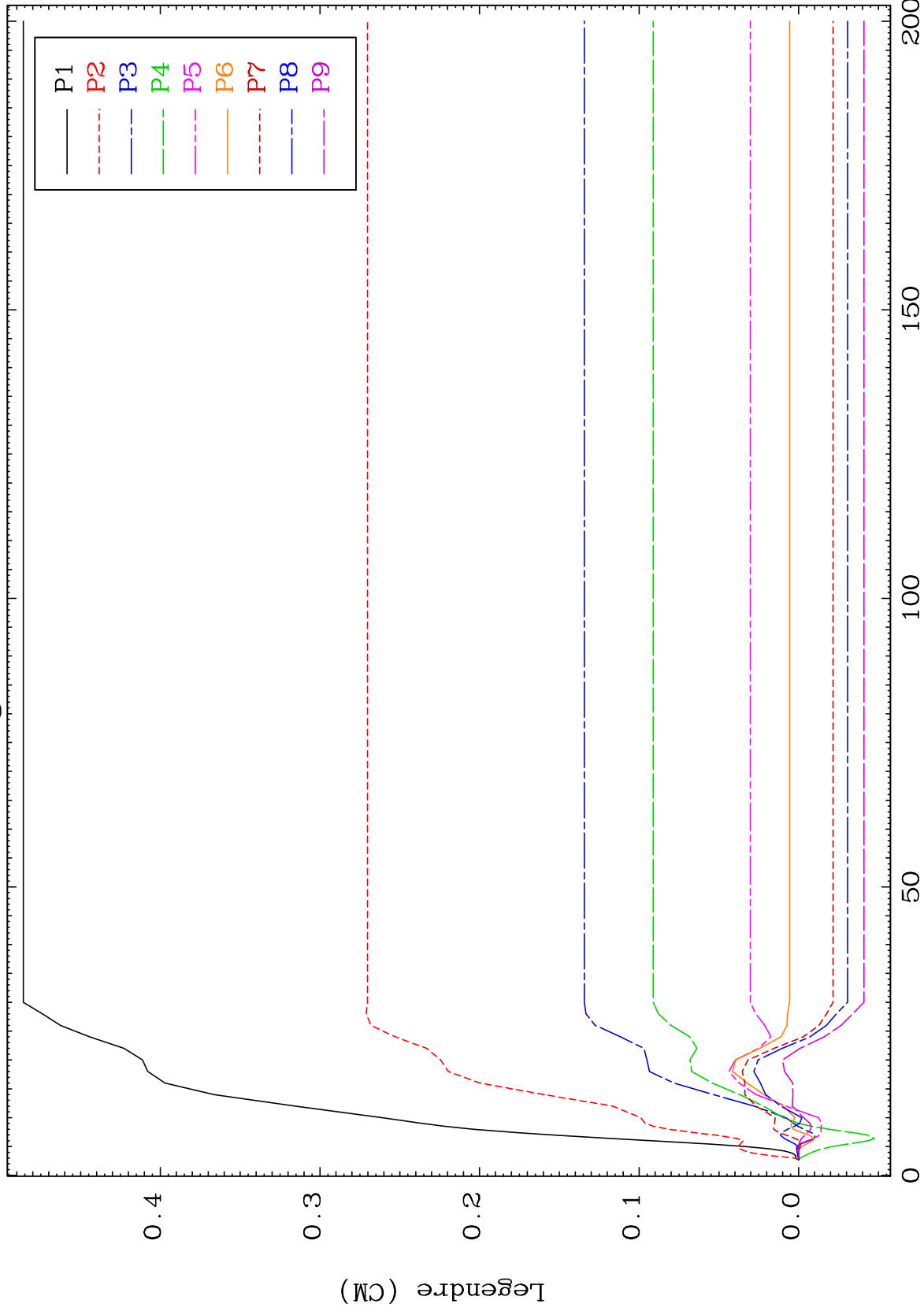
58-Ce-138



MAT 5831

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

58-Ce-138



87

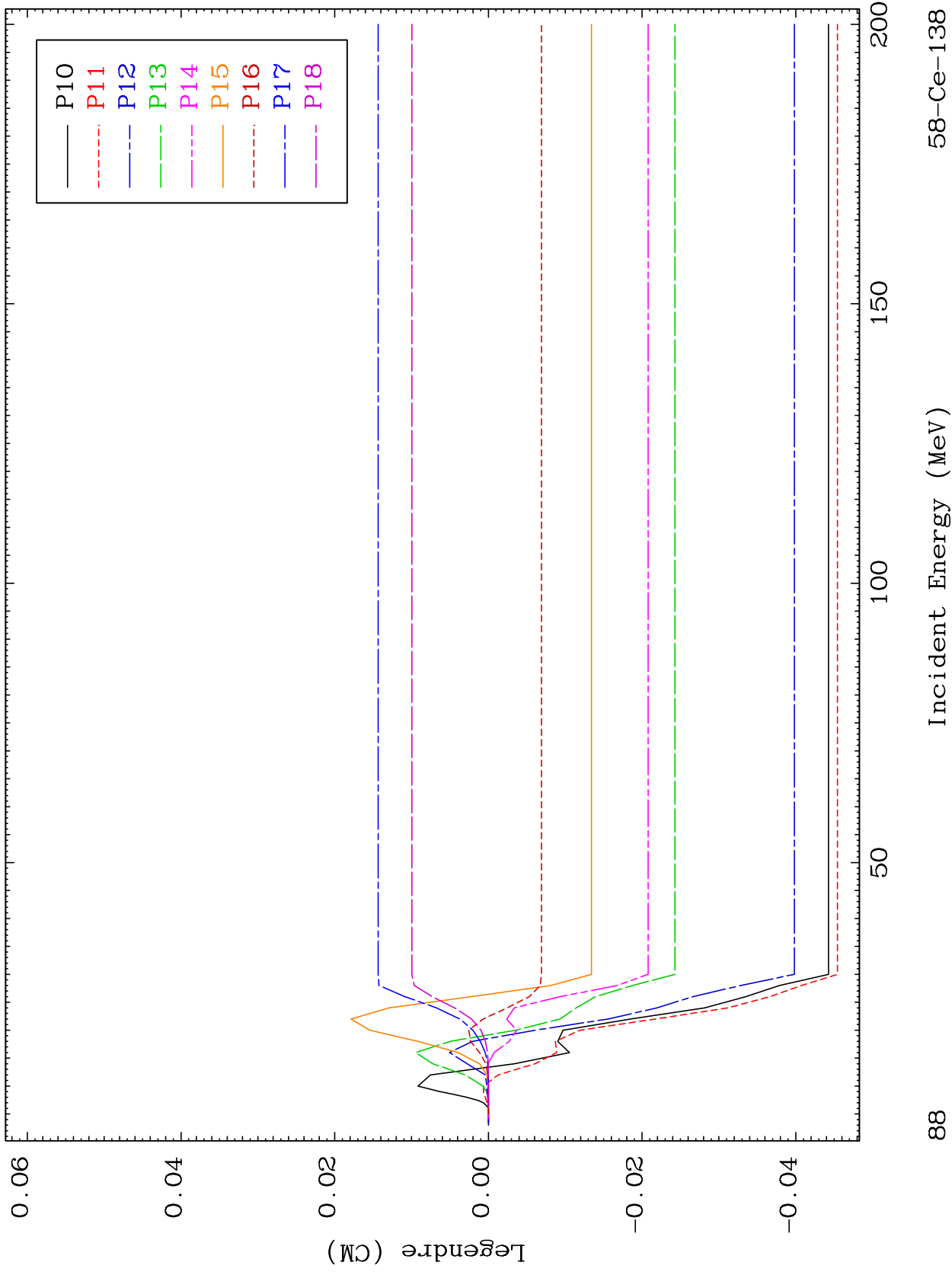
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



88

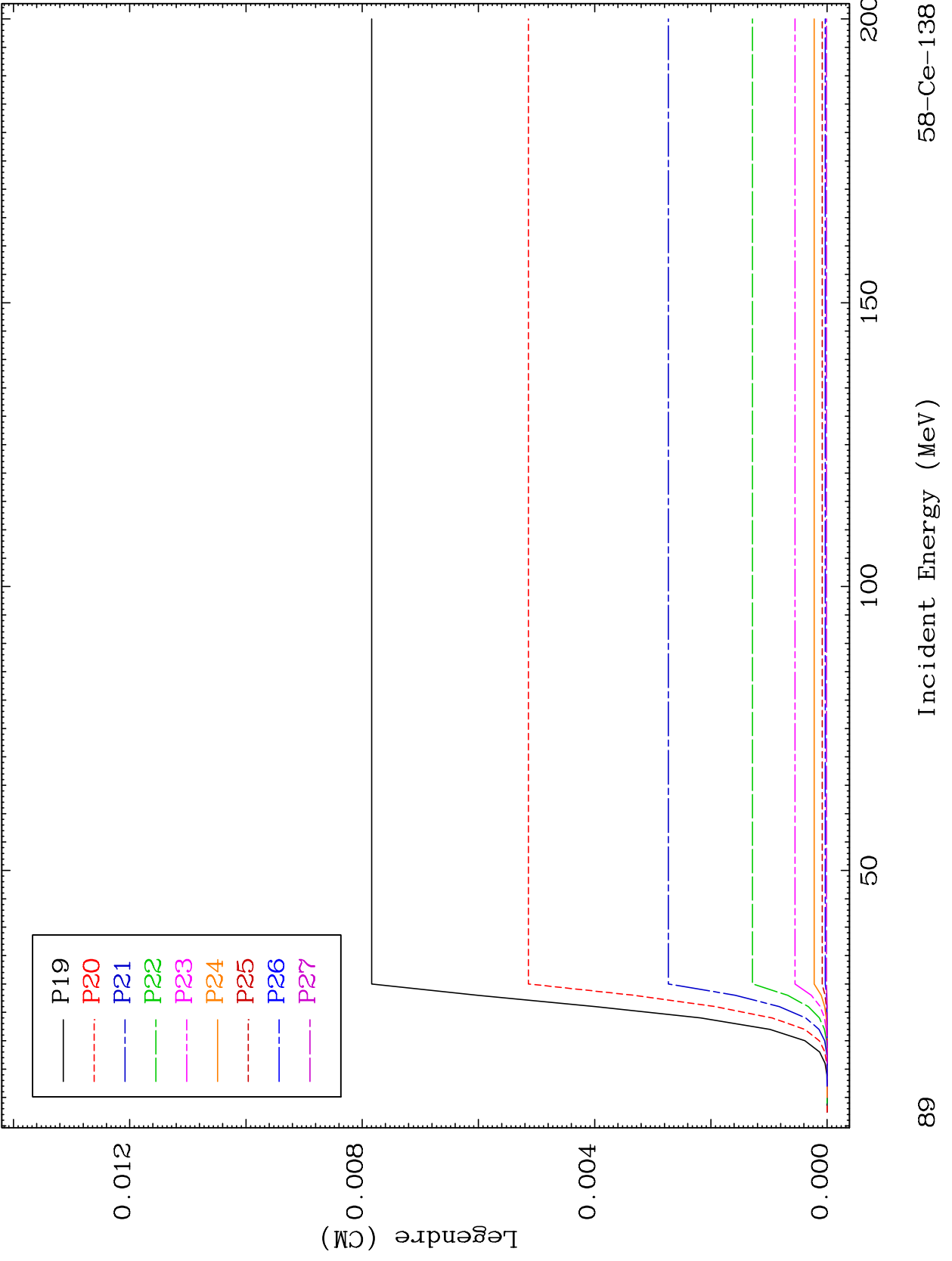
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



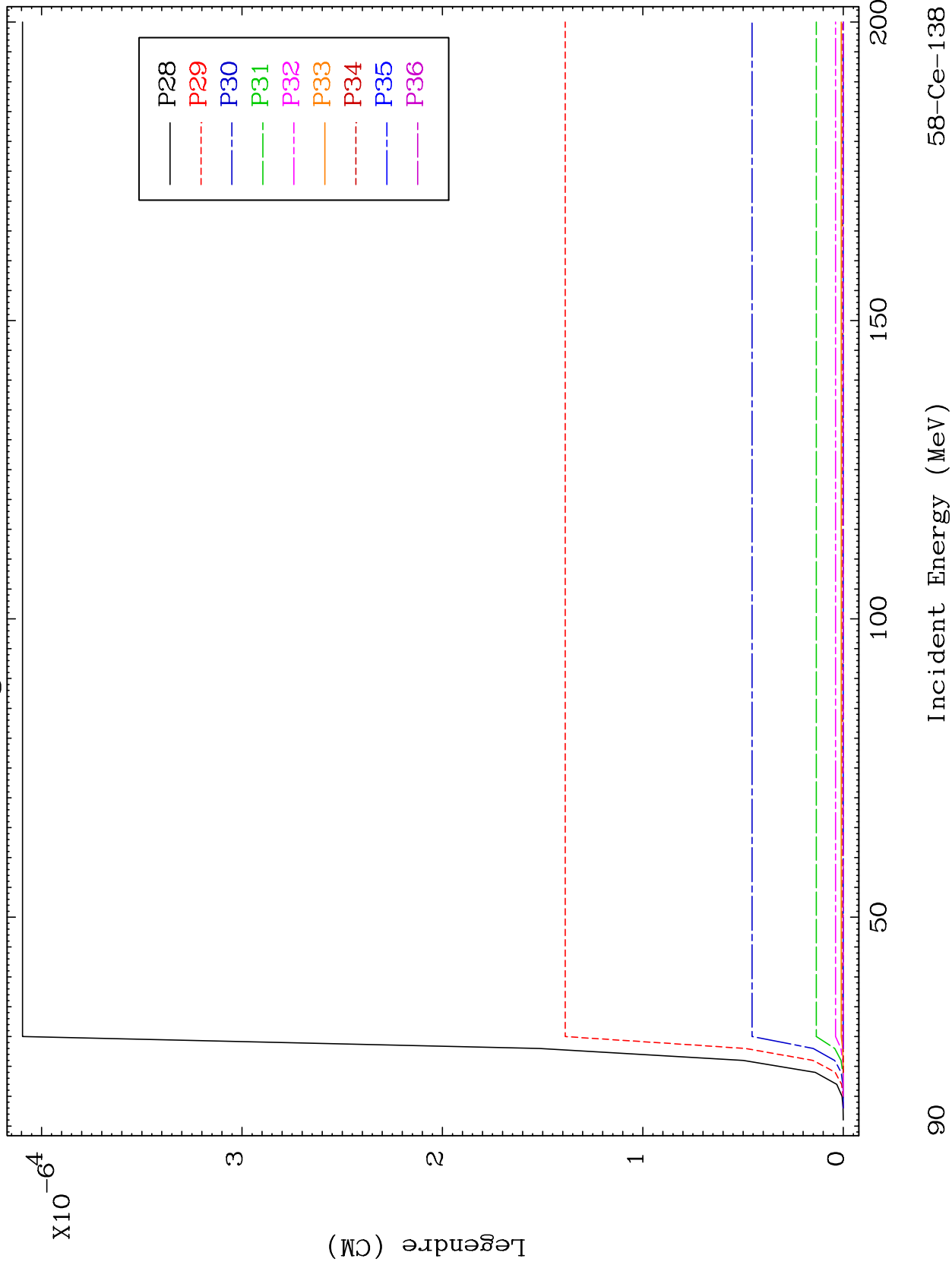
89

58-Ce-138

MAT 5831

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

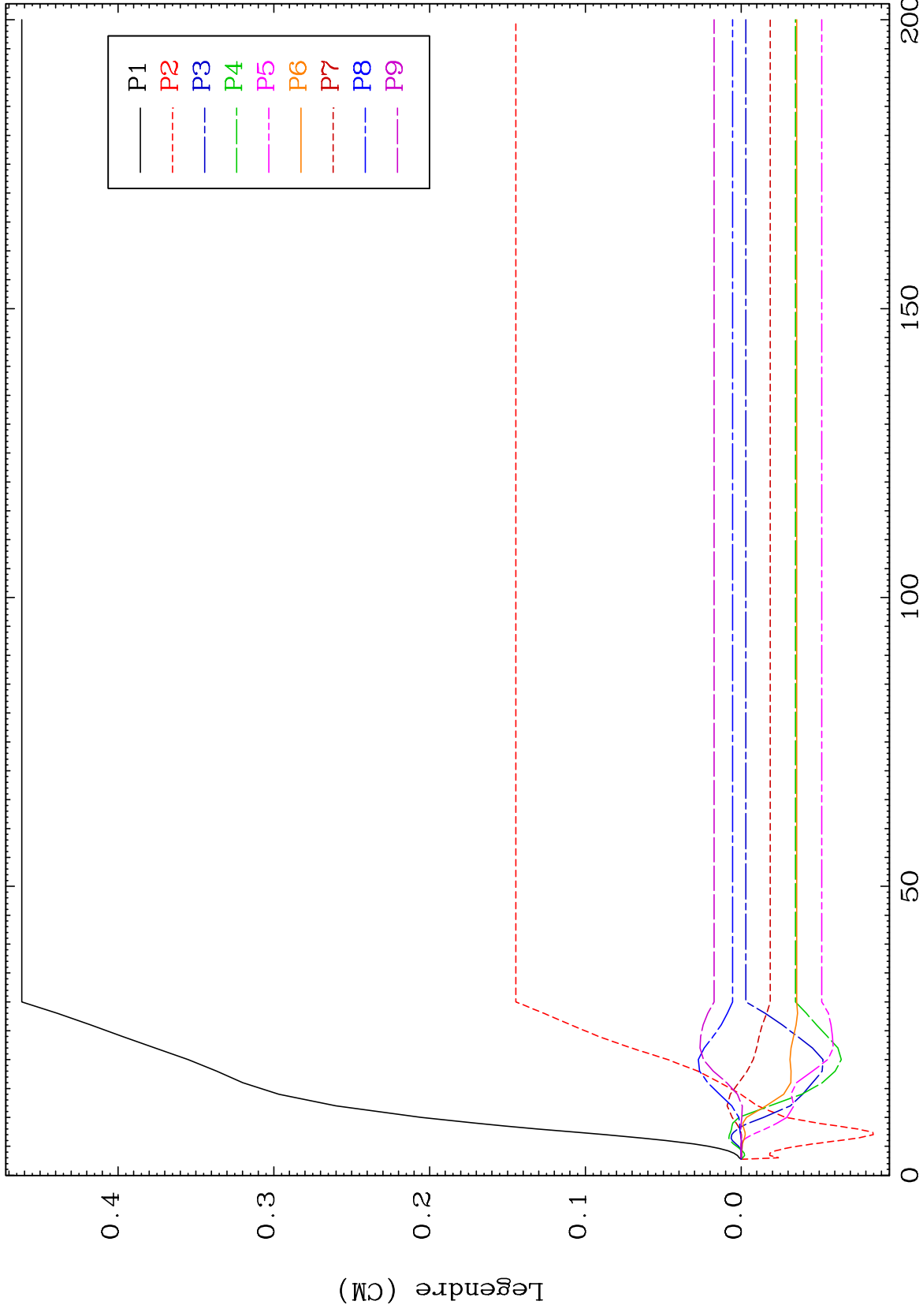
58-Ce-138



MAT 5831

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

58-Ce-138



91

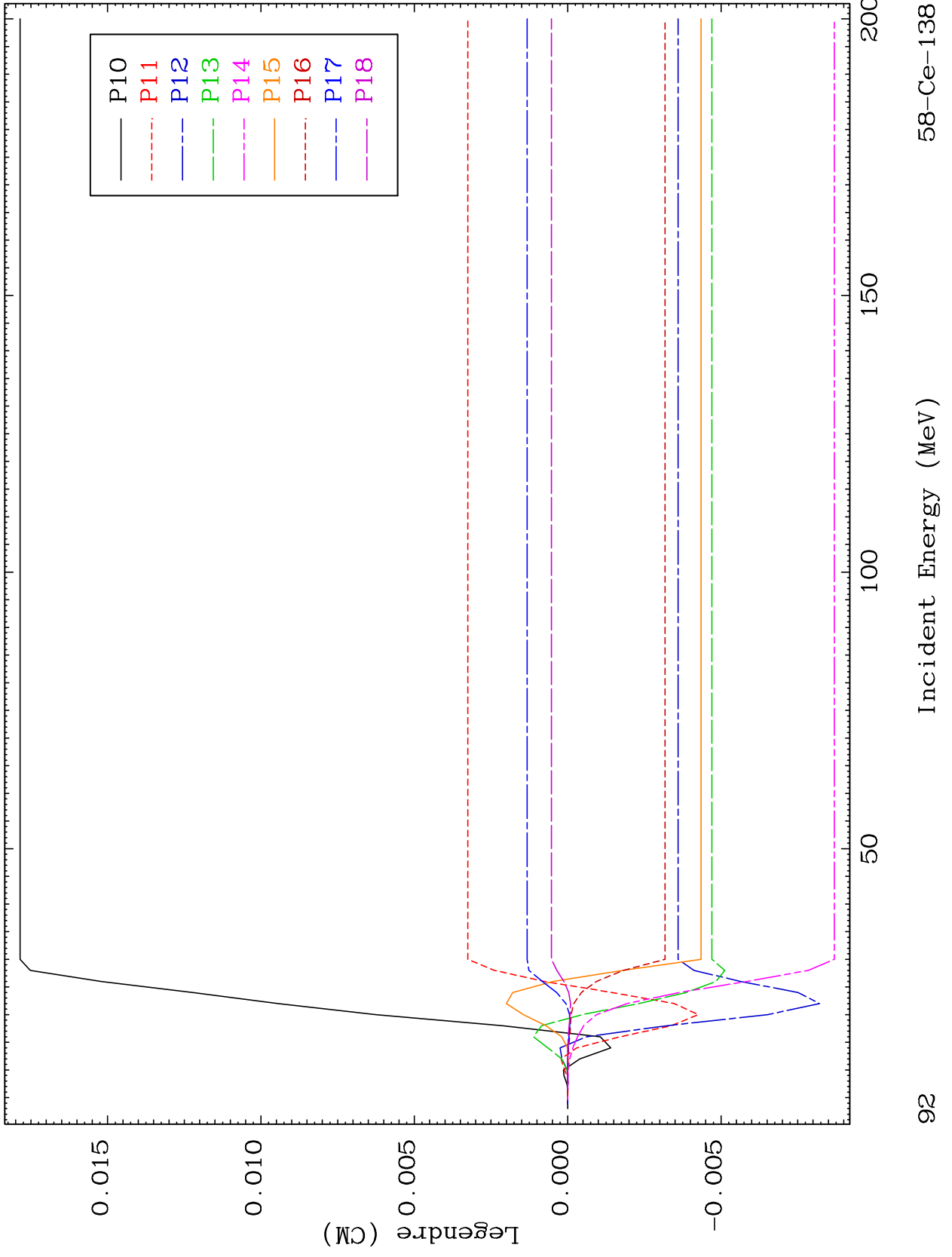
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



92

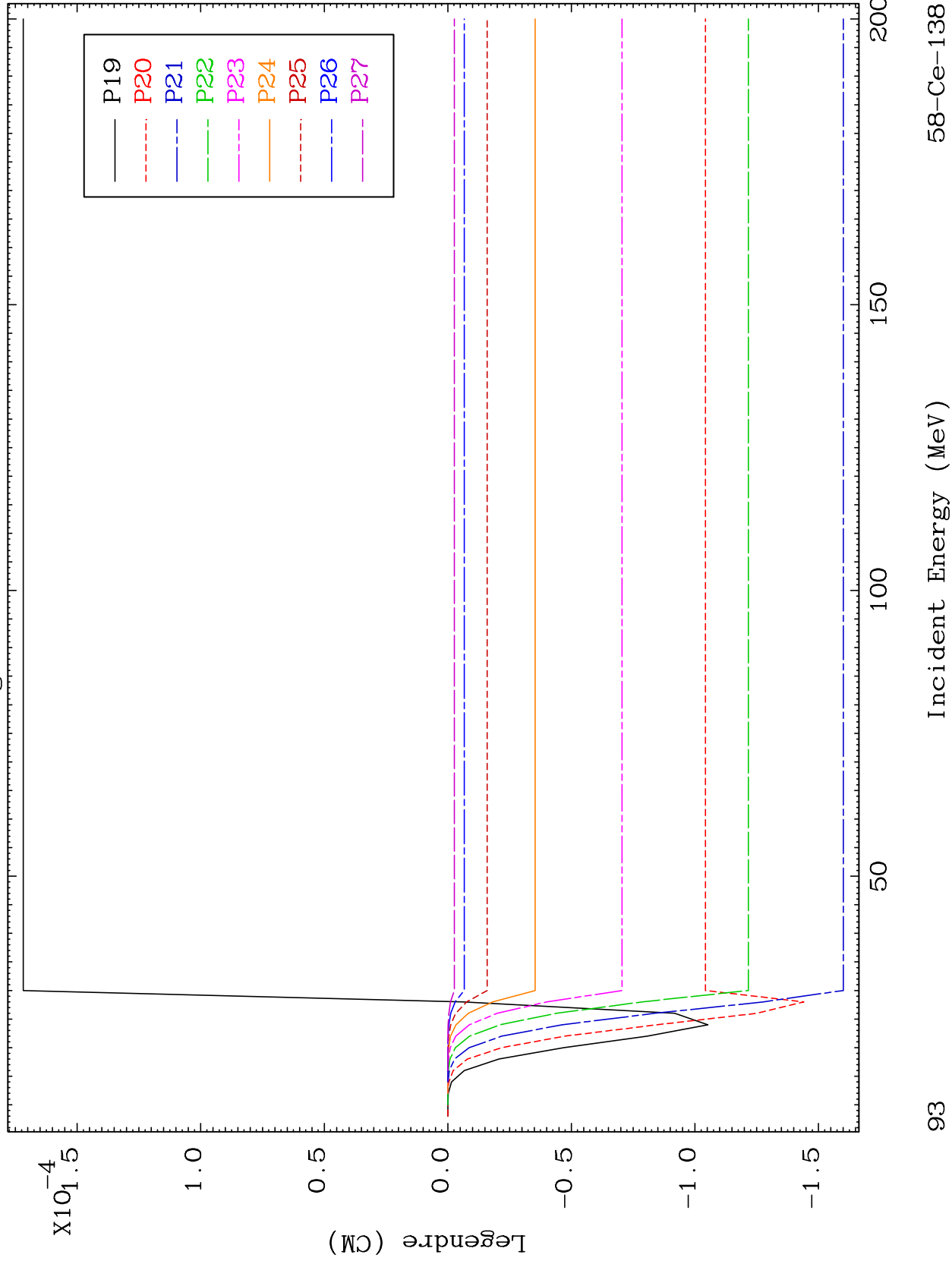
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



93

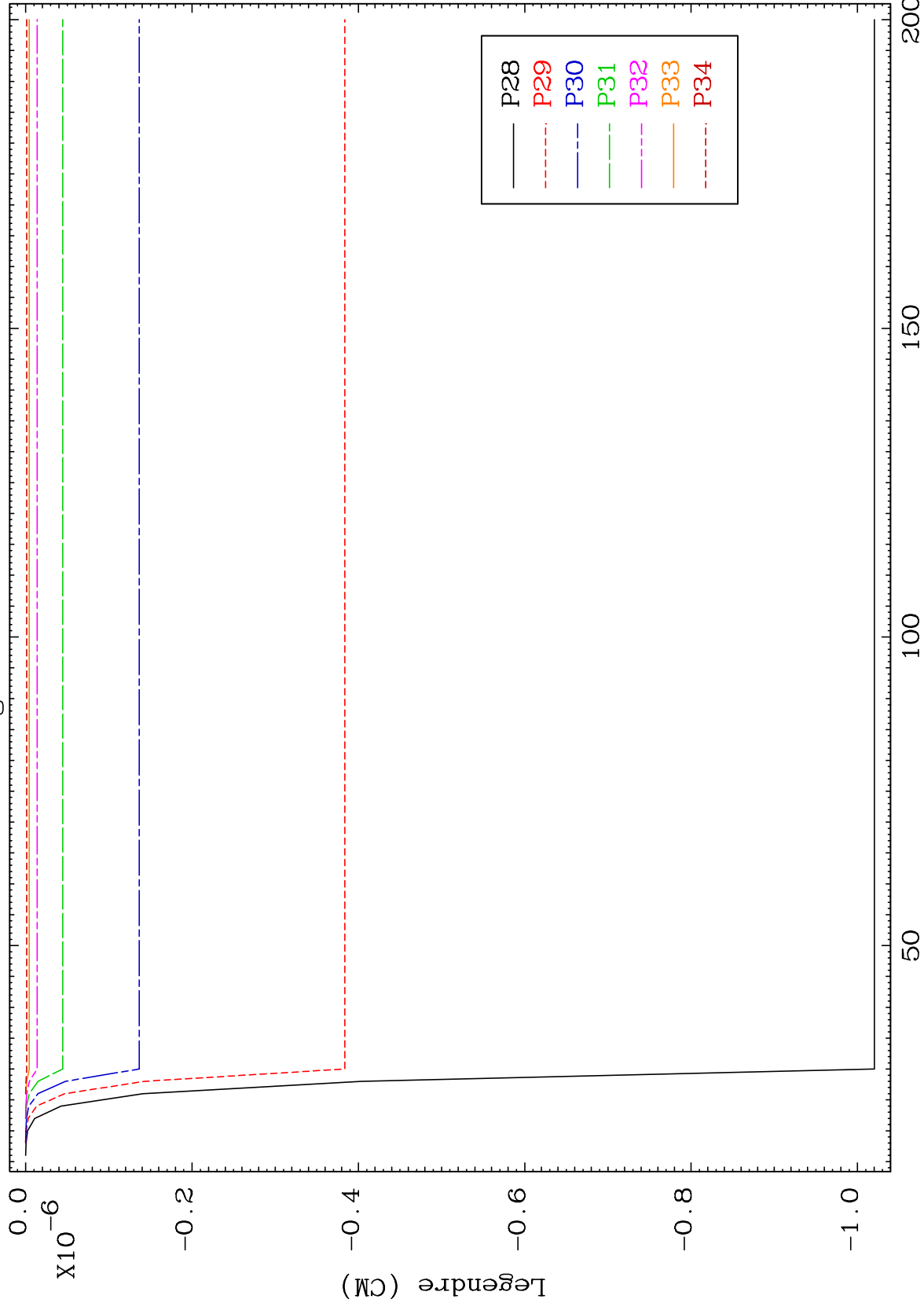
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



94

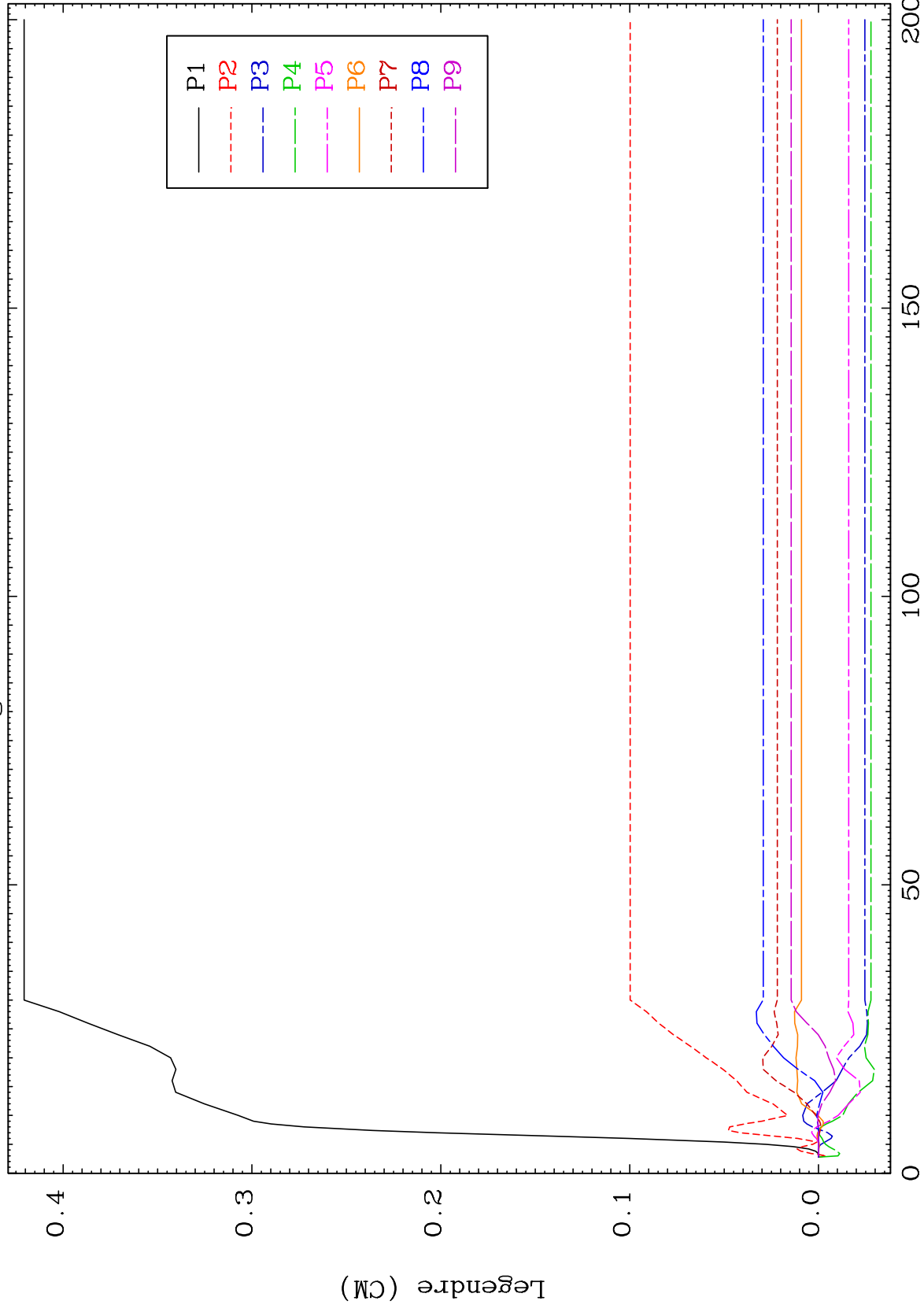
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

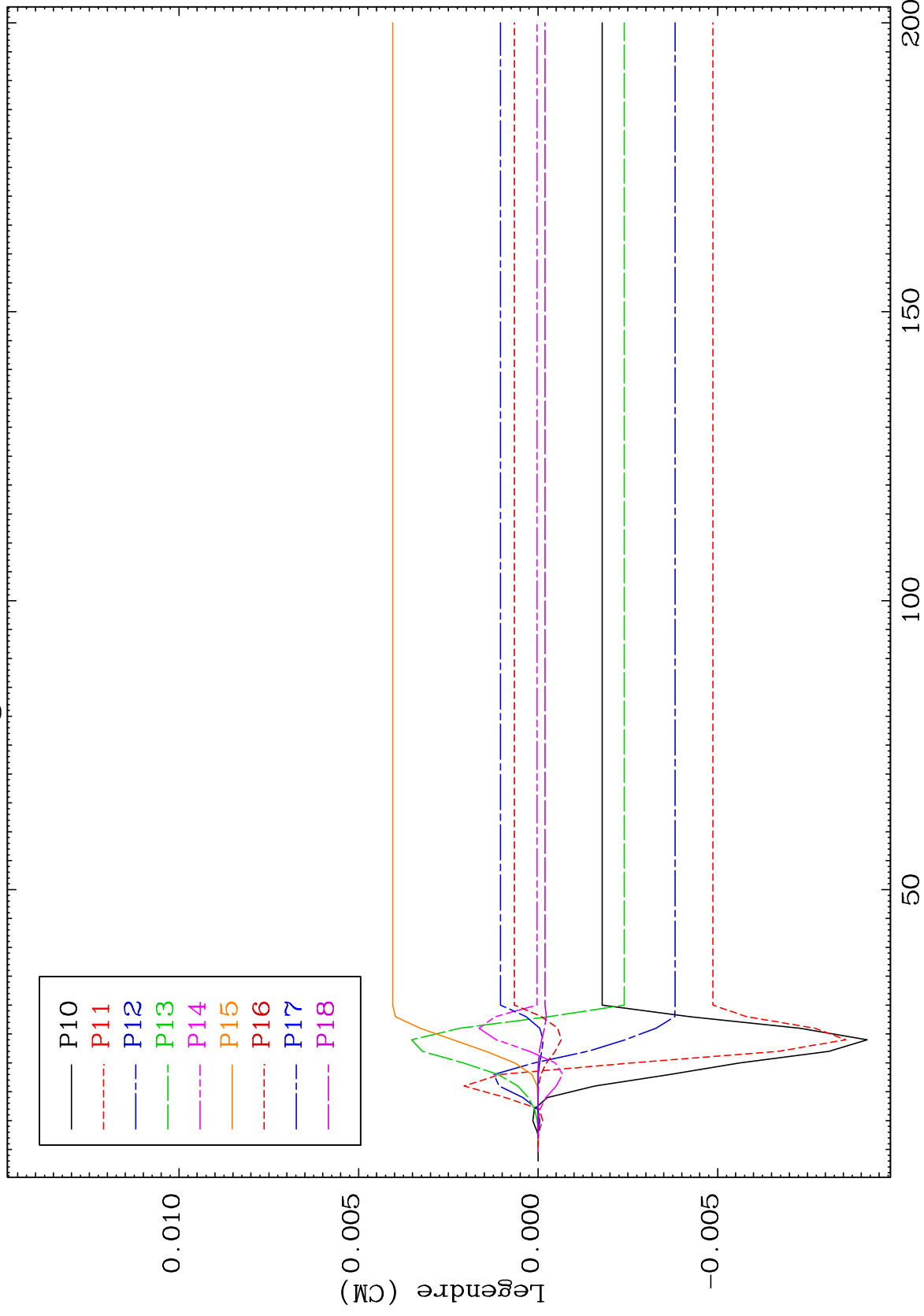
58-Ce-138



58-Ce-138

Incident Energy (MeV)

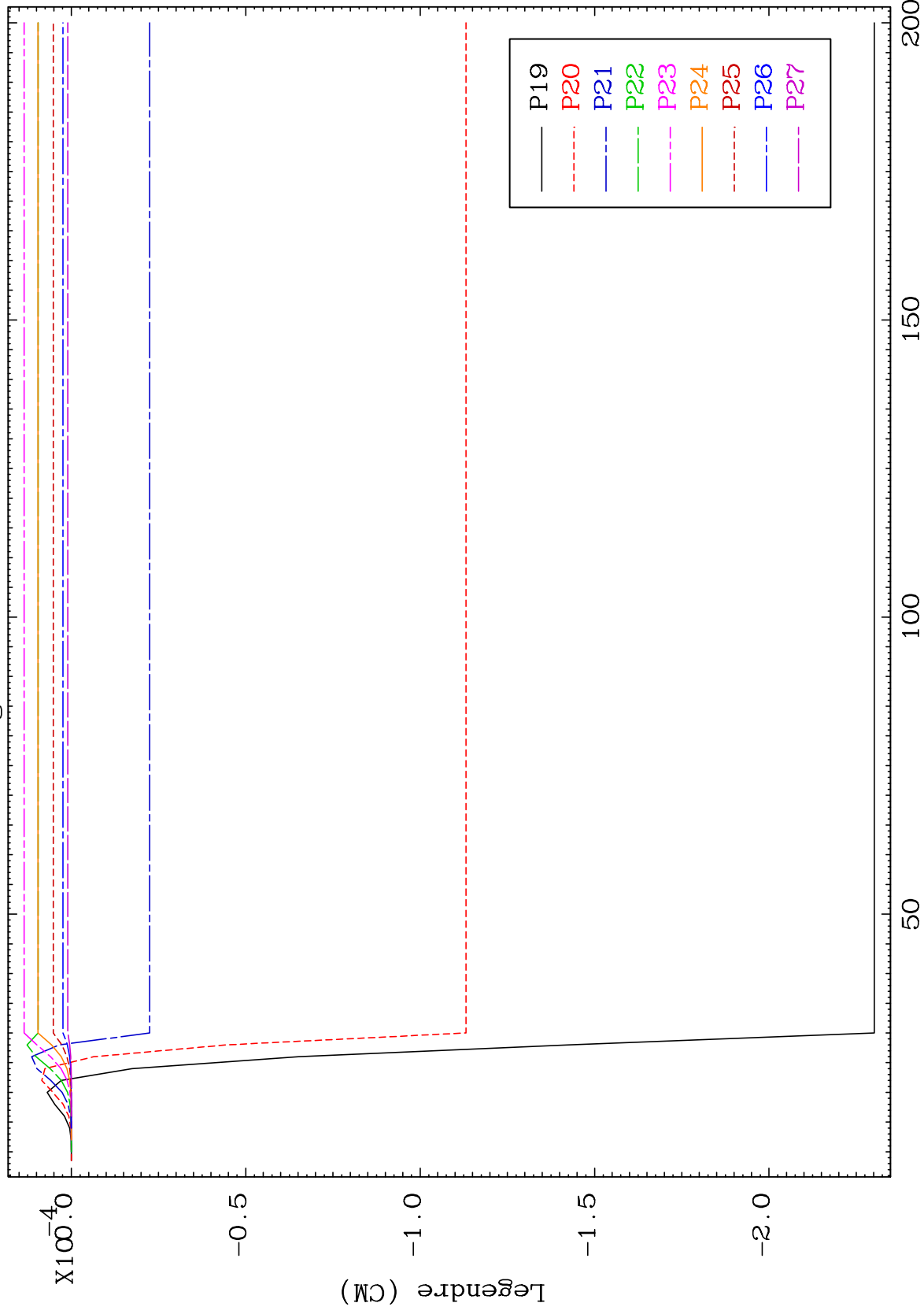
95



MAT 5831

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

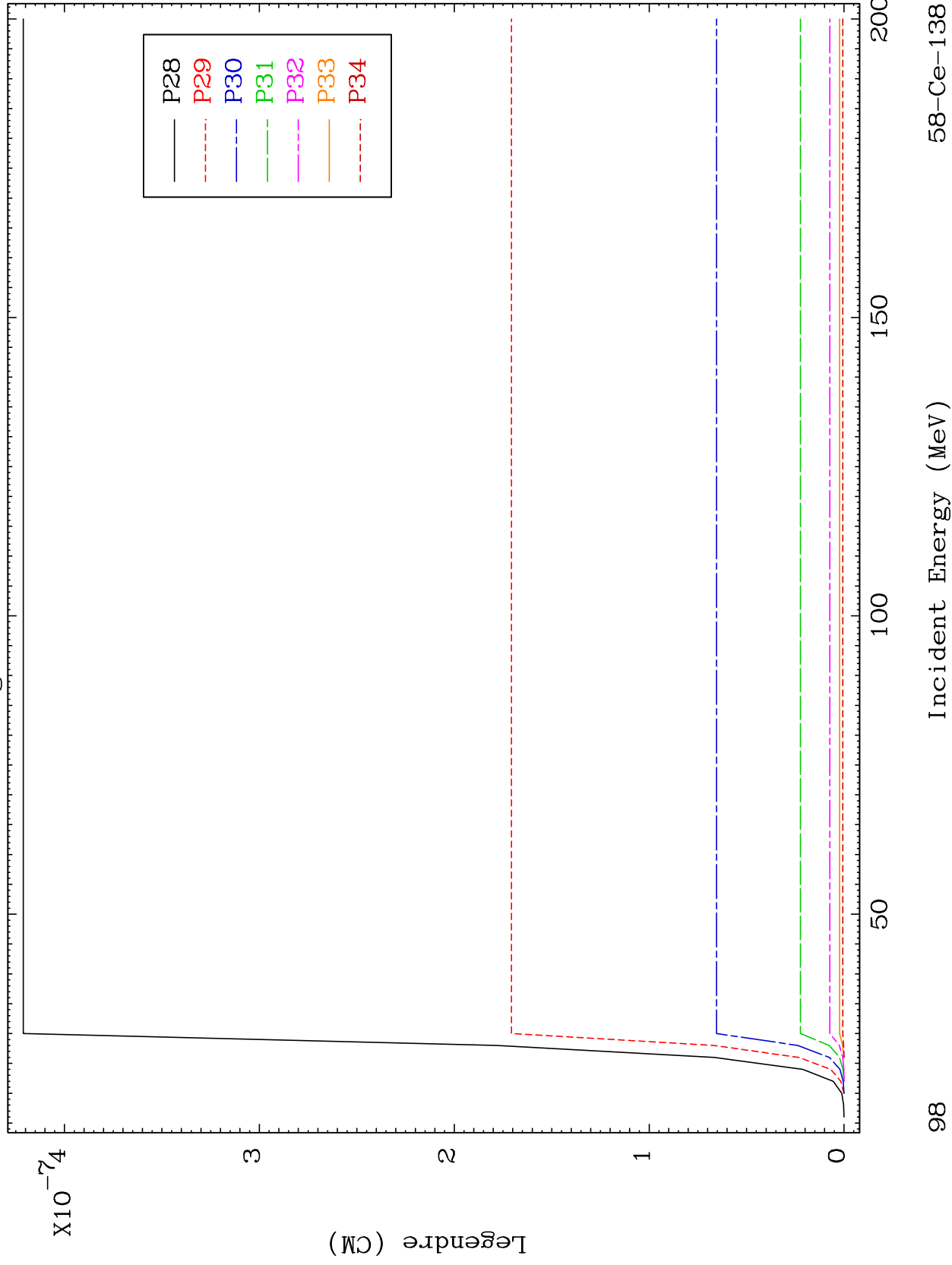
58-Ce-138

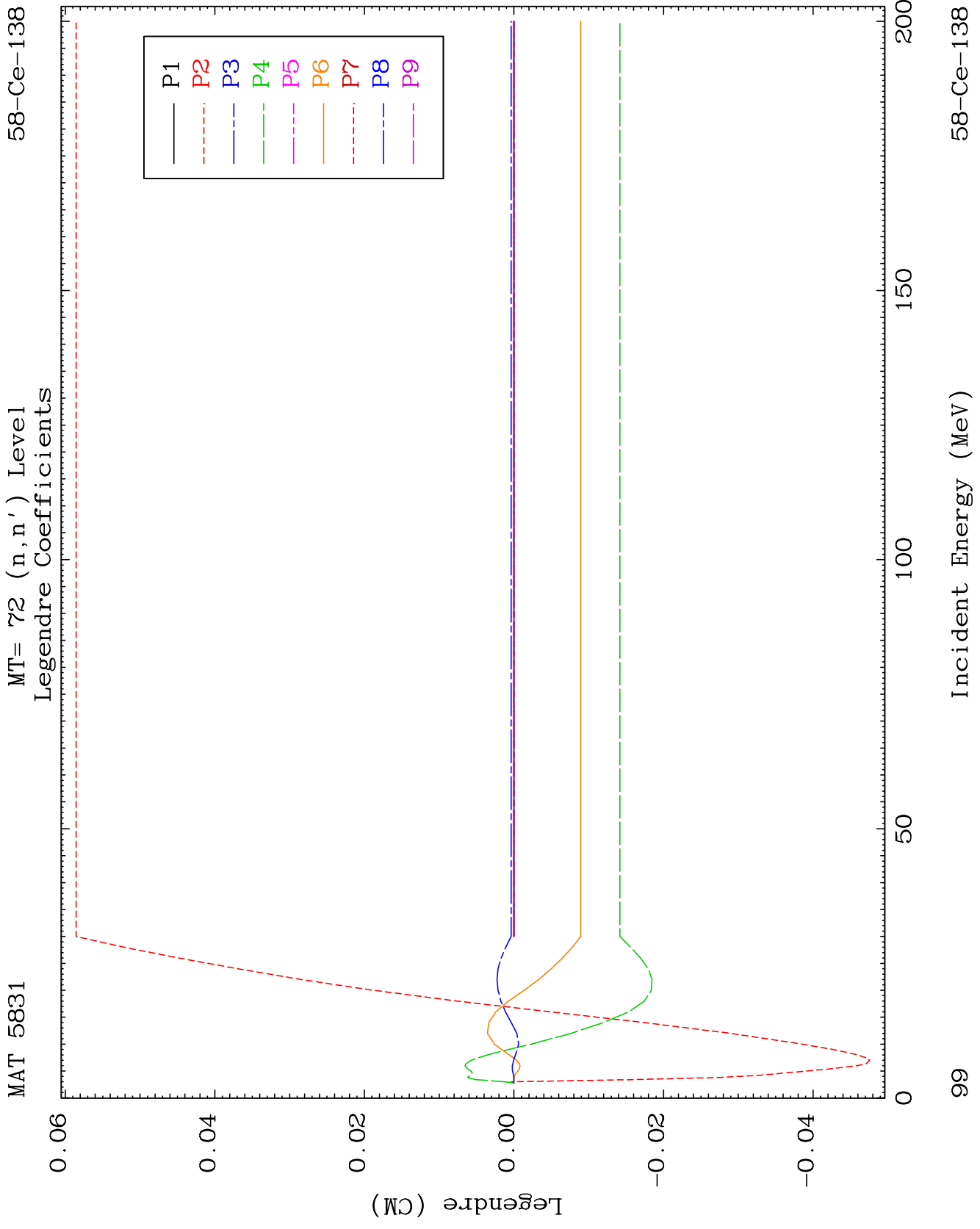


MAT 5831

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

58-Ce-138

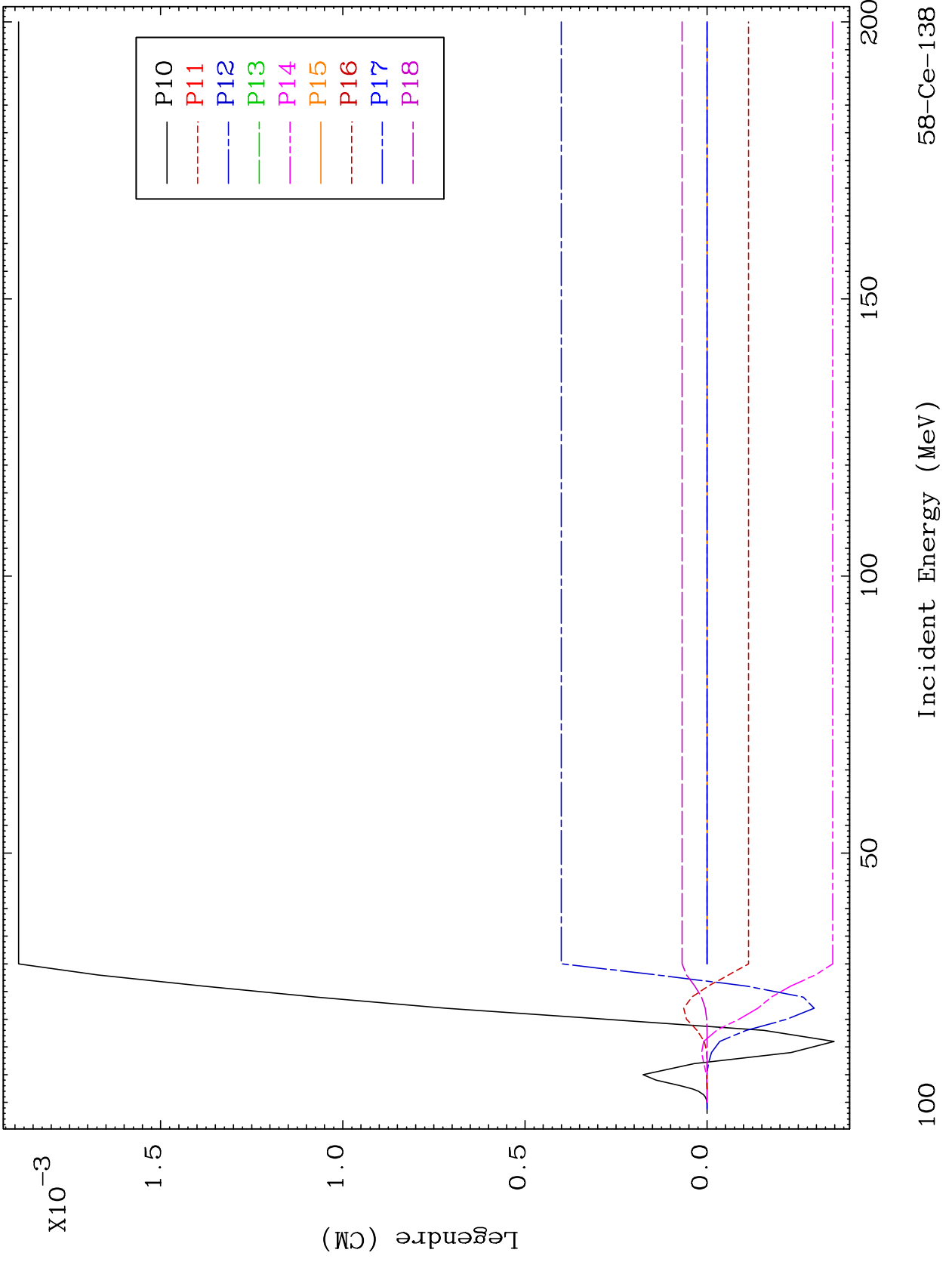


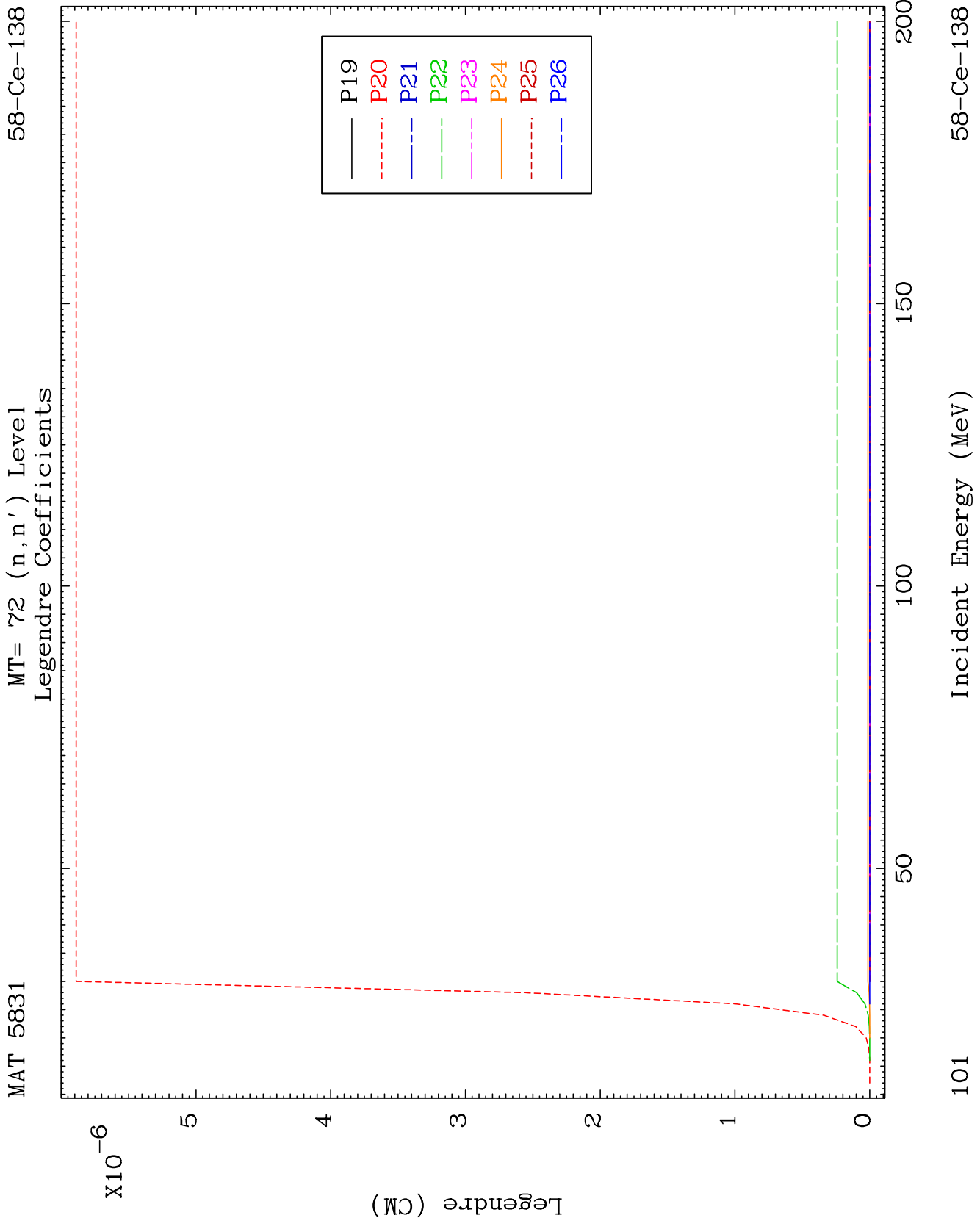


MAT 5831

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

58-Ce-138

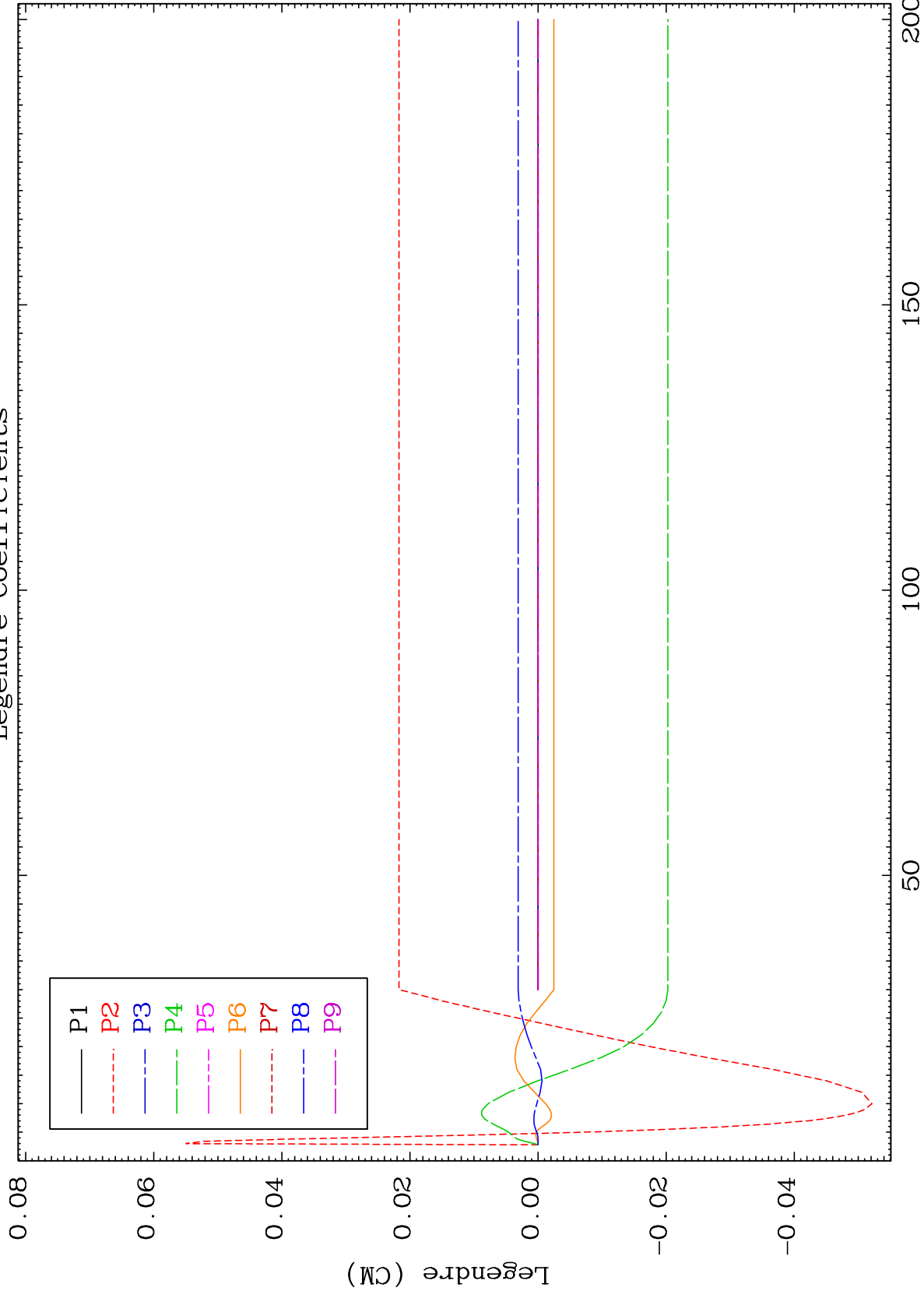




MAT 5831

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

58-Ce-138



102

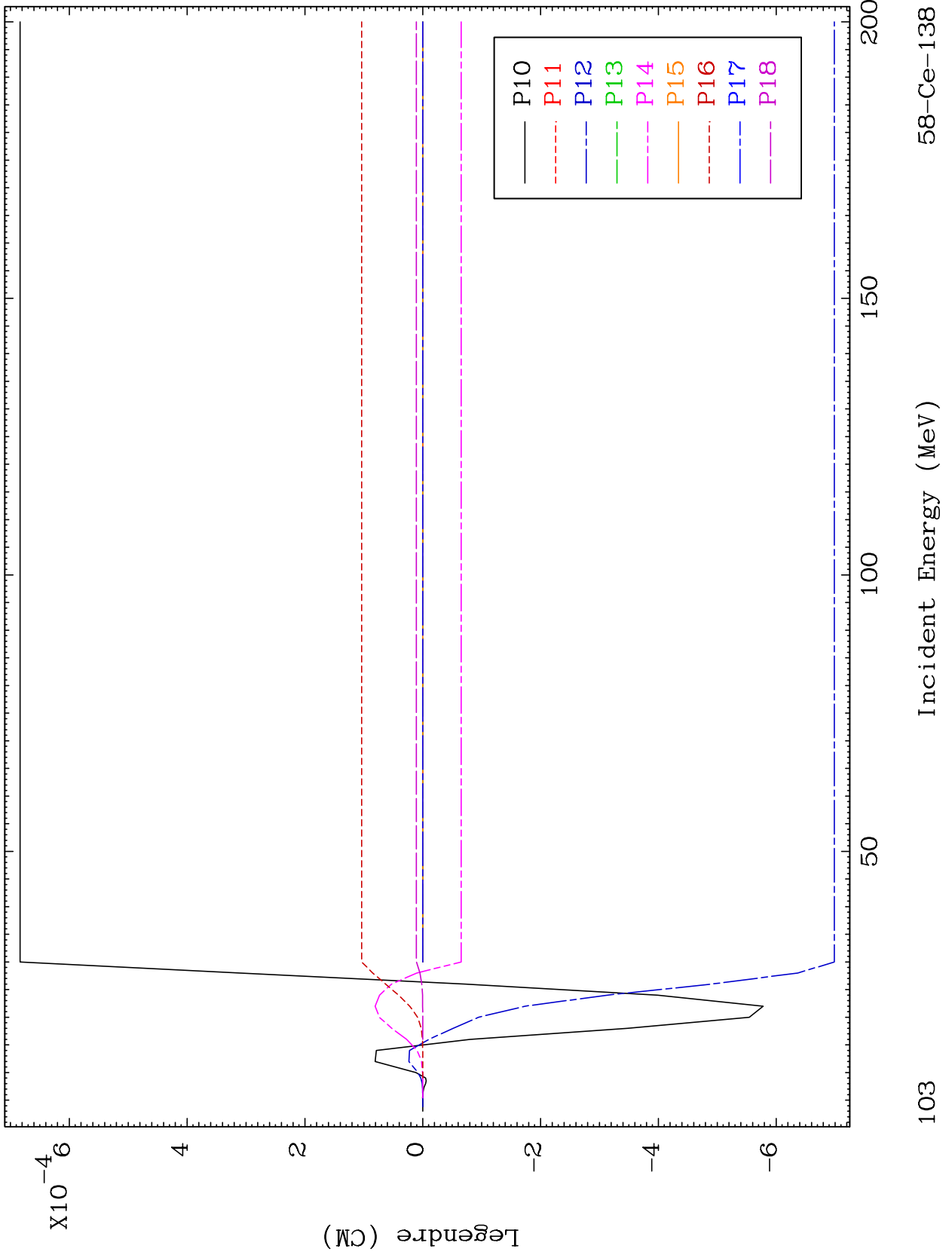
Incident Energy (MeV)

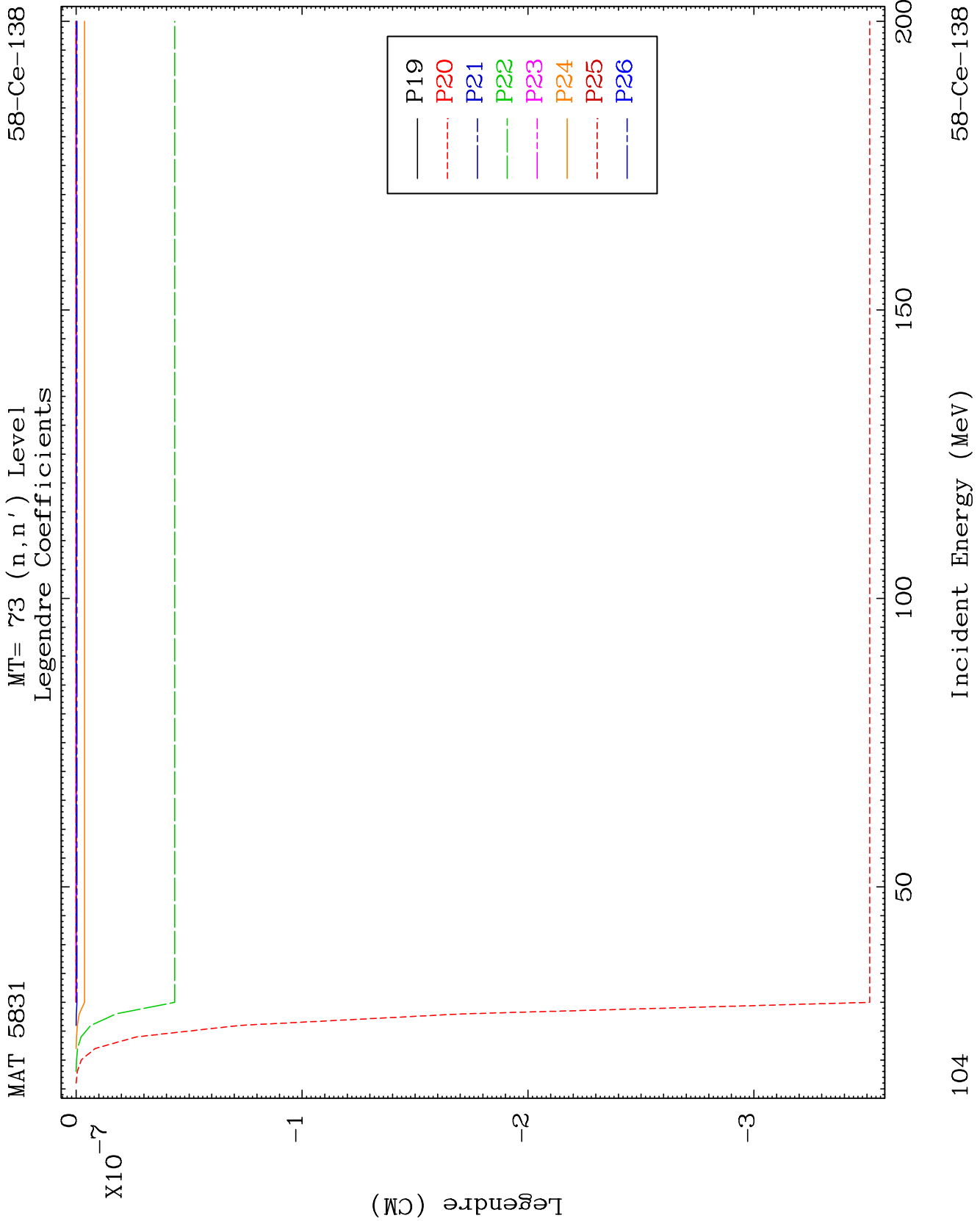
58-Ce-138

MAT 5831

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

58-Ce-138

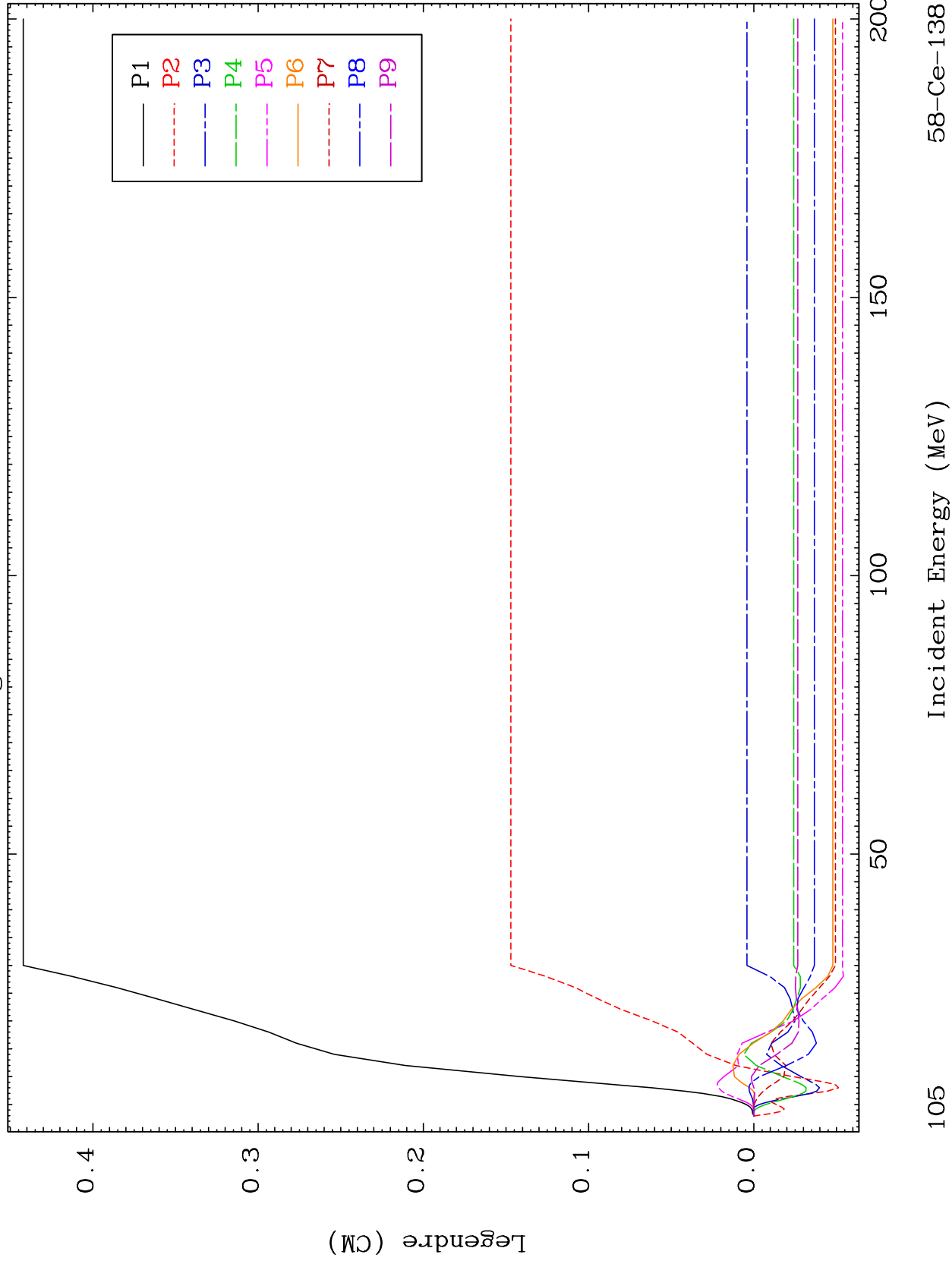




MAT 5831

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

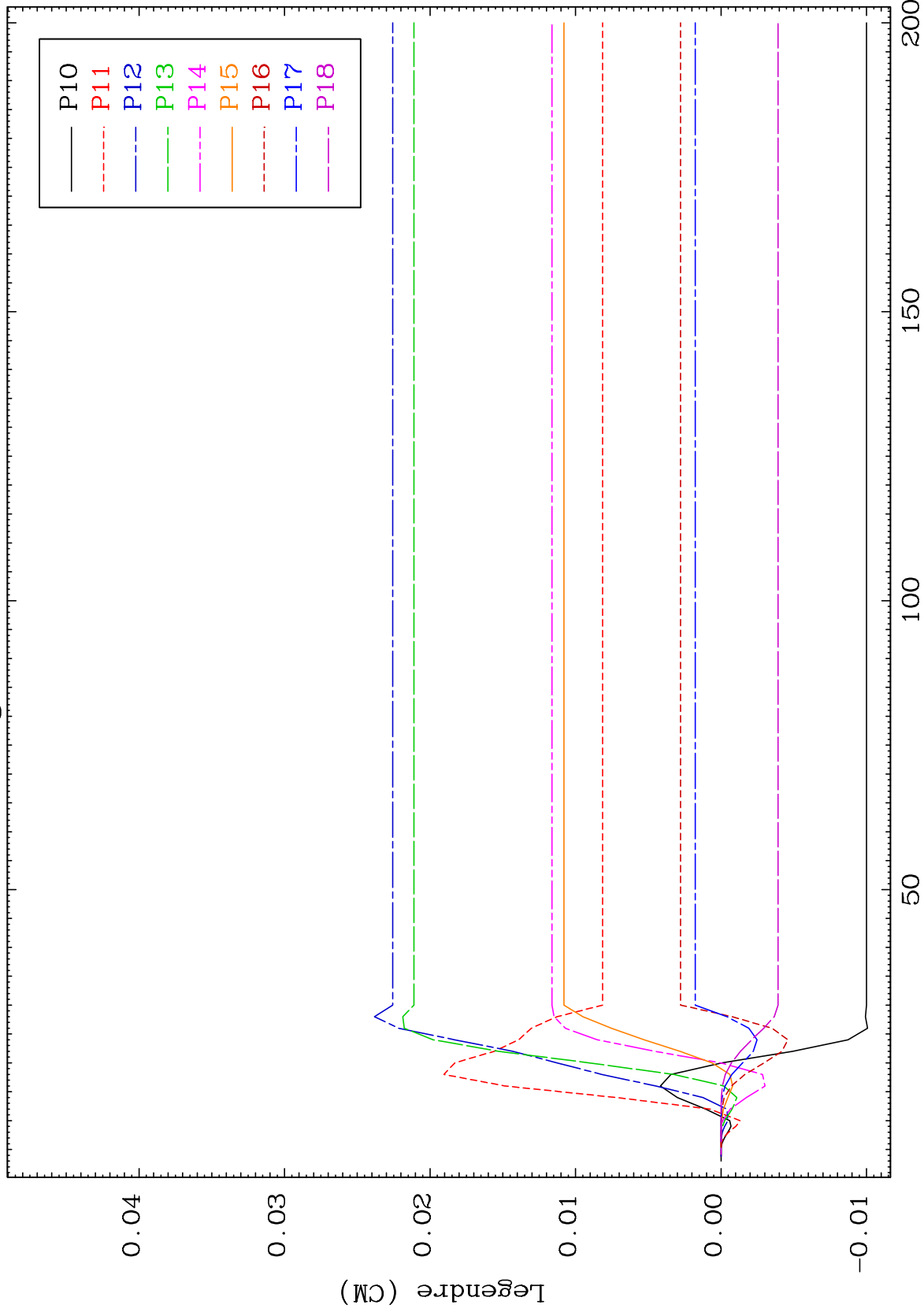
58-Ce-138



MAT 5831

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

58-Ce-138



106

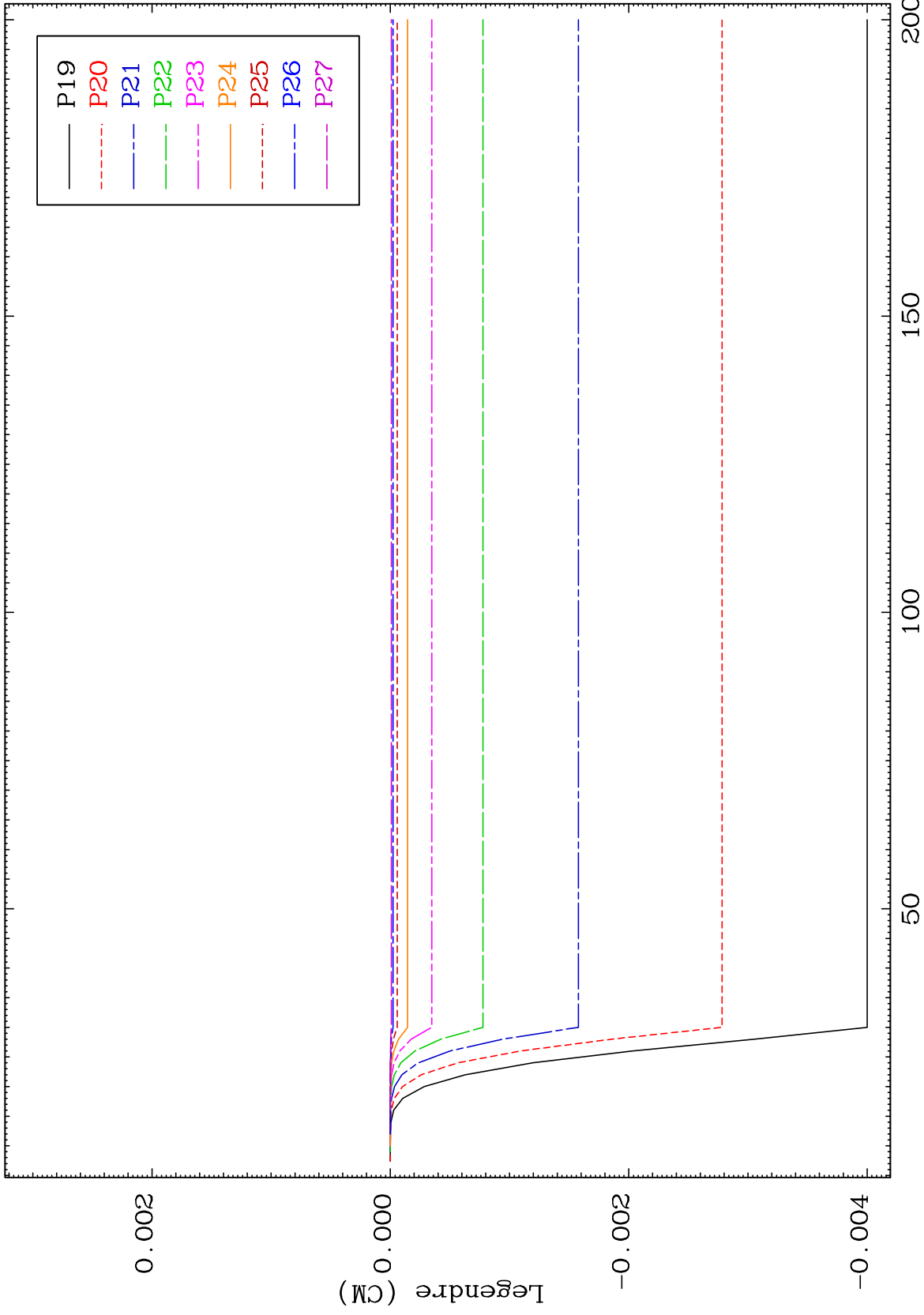
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

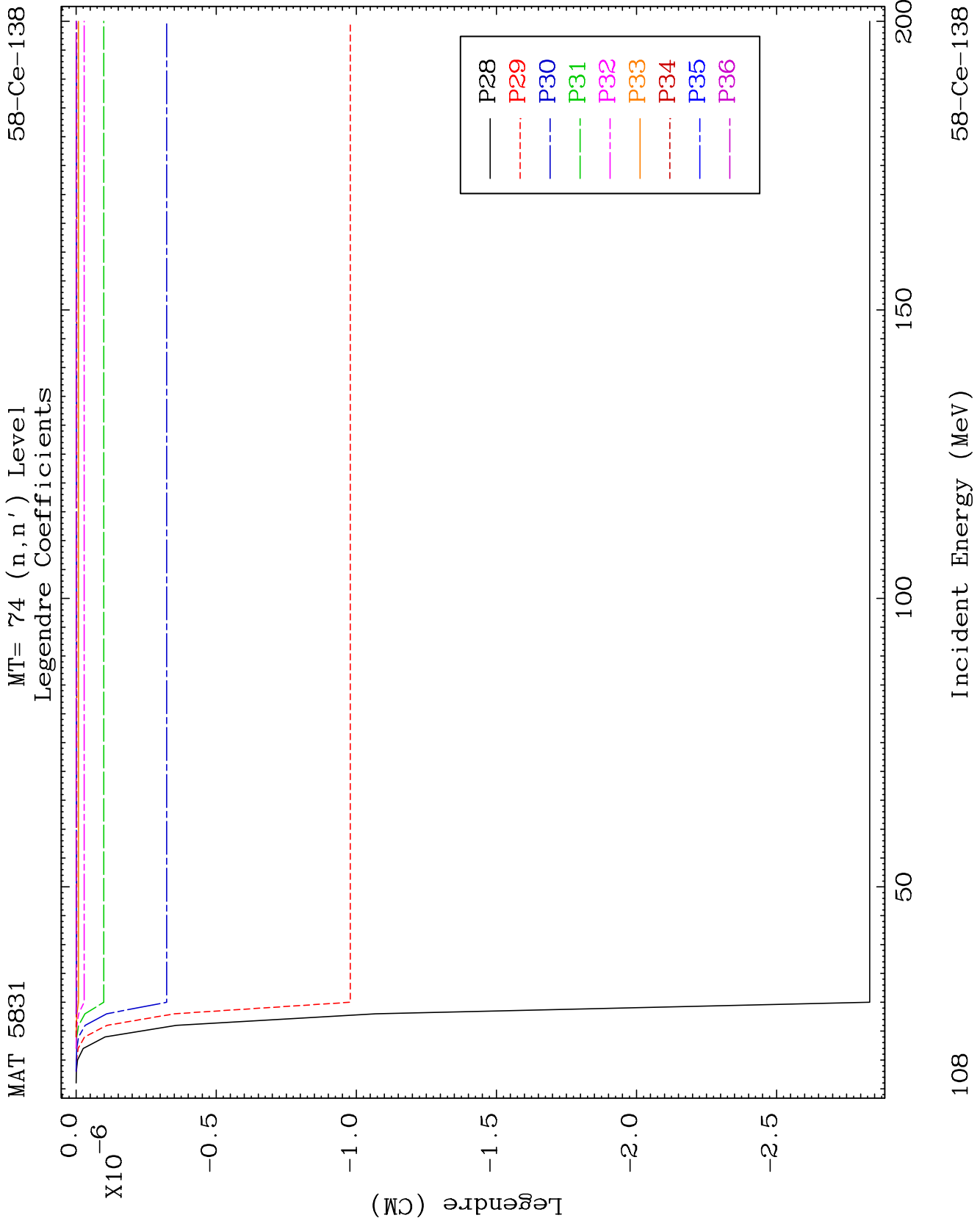
58-Ce-138



107

Incident Energy (MeV)

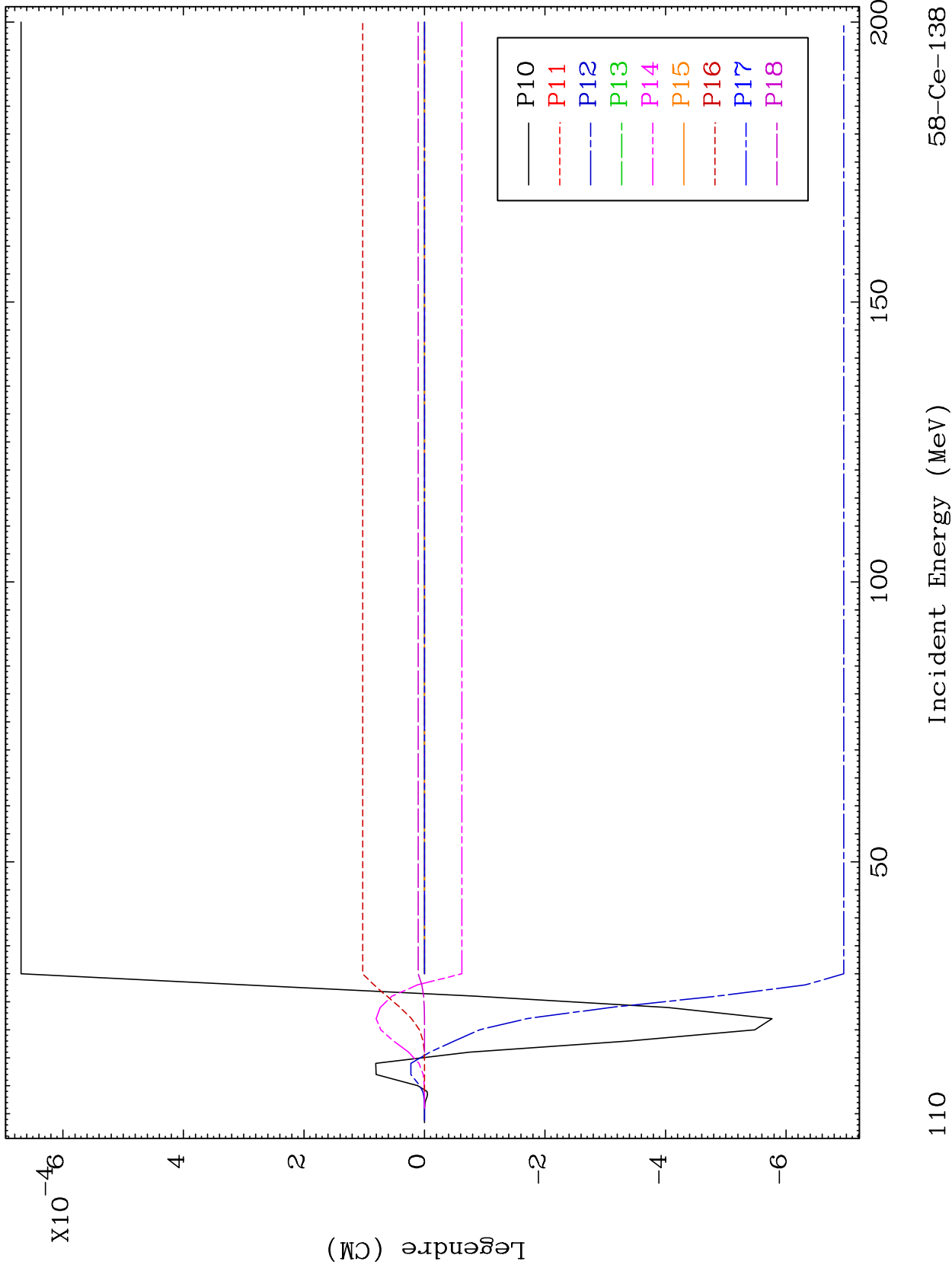
58-Ce-138



MAT 5831

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

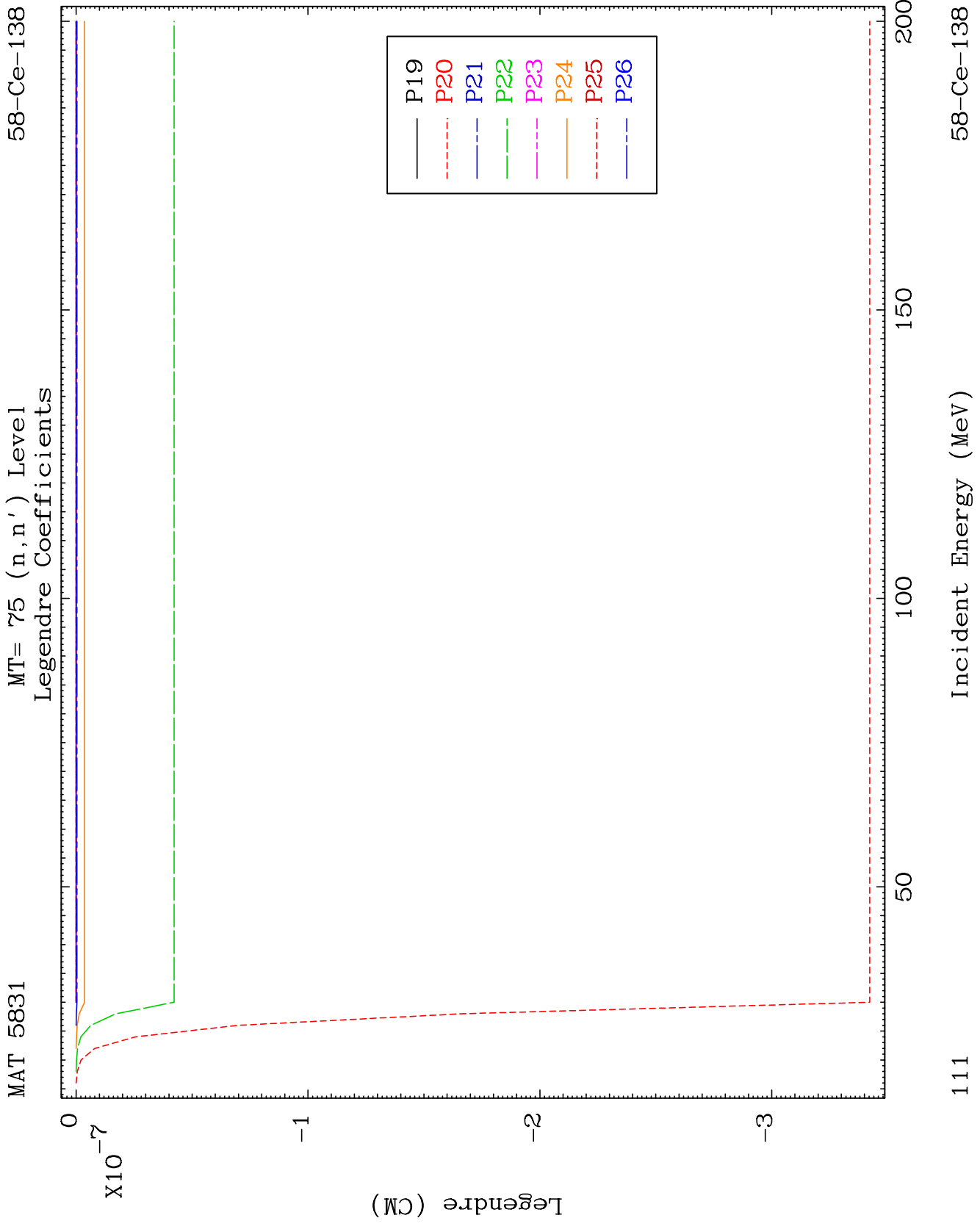
58-Ce-138

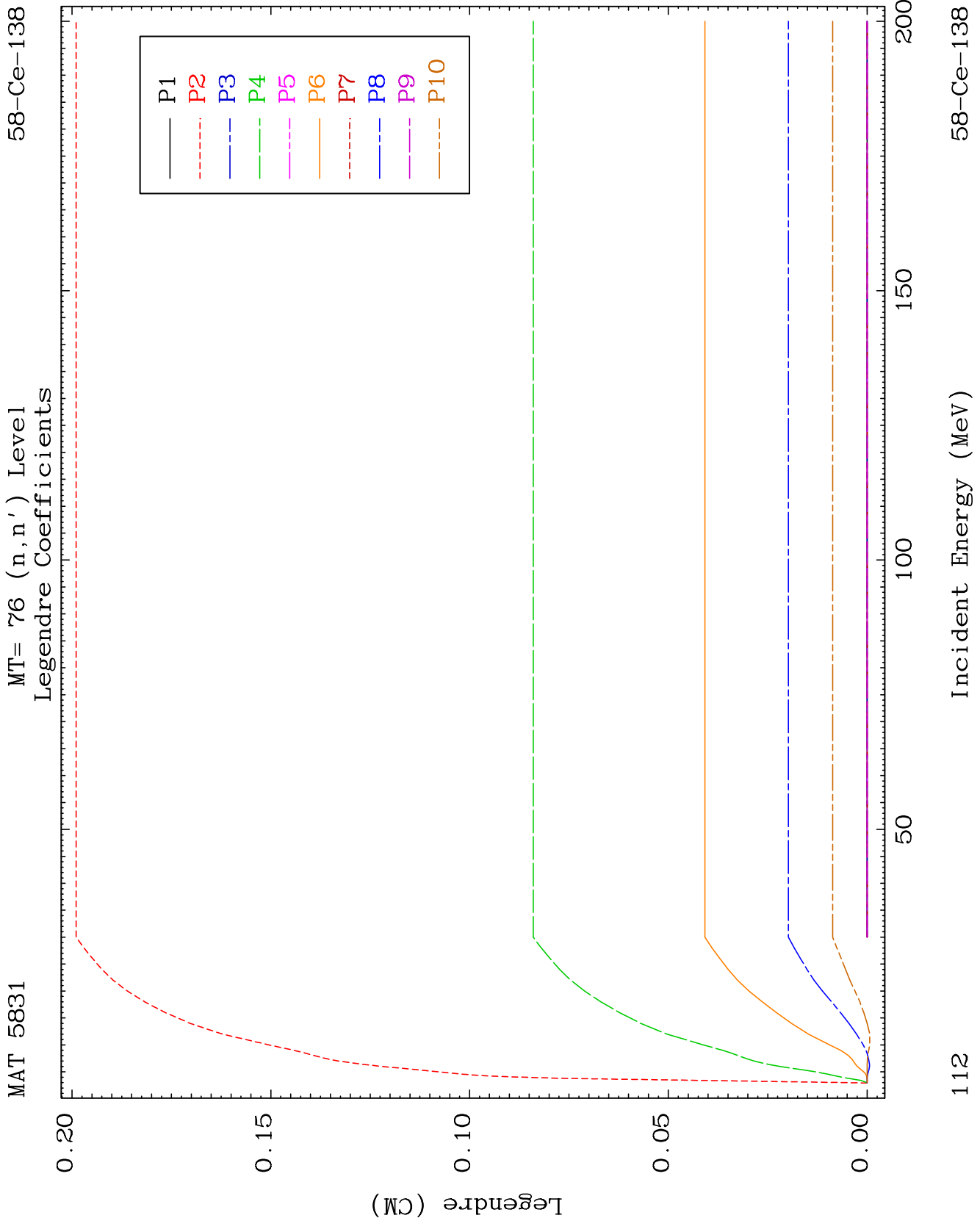


110

Incident Energy (MeV)

58-Ce-138

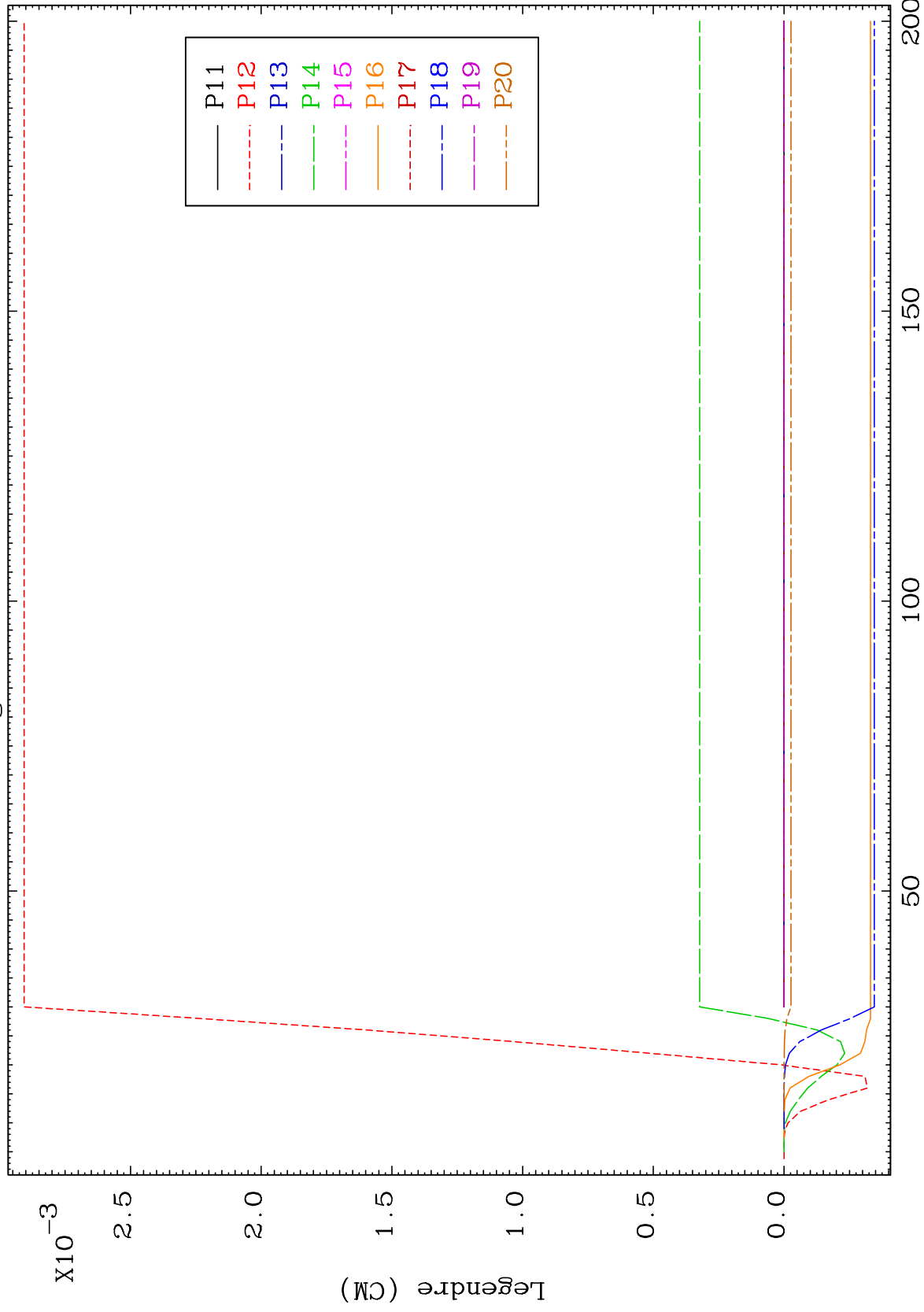




MAT 5831

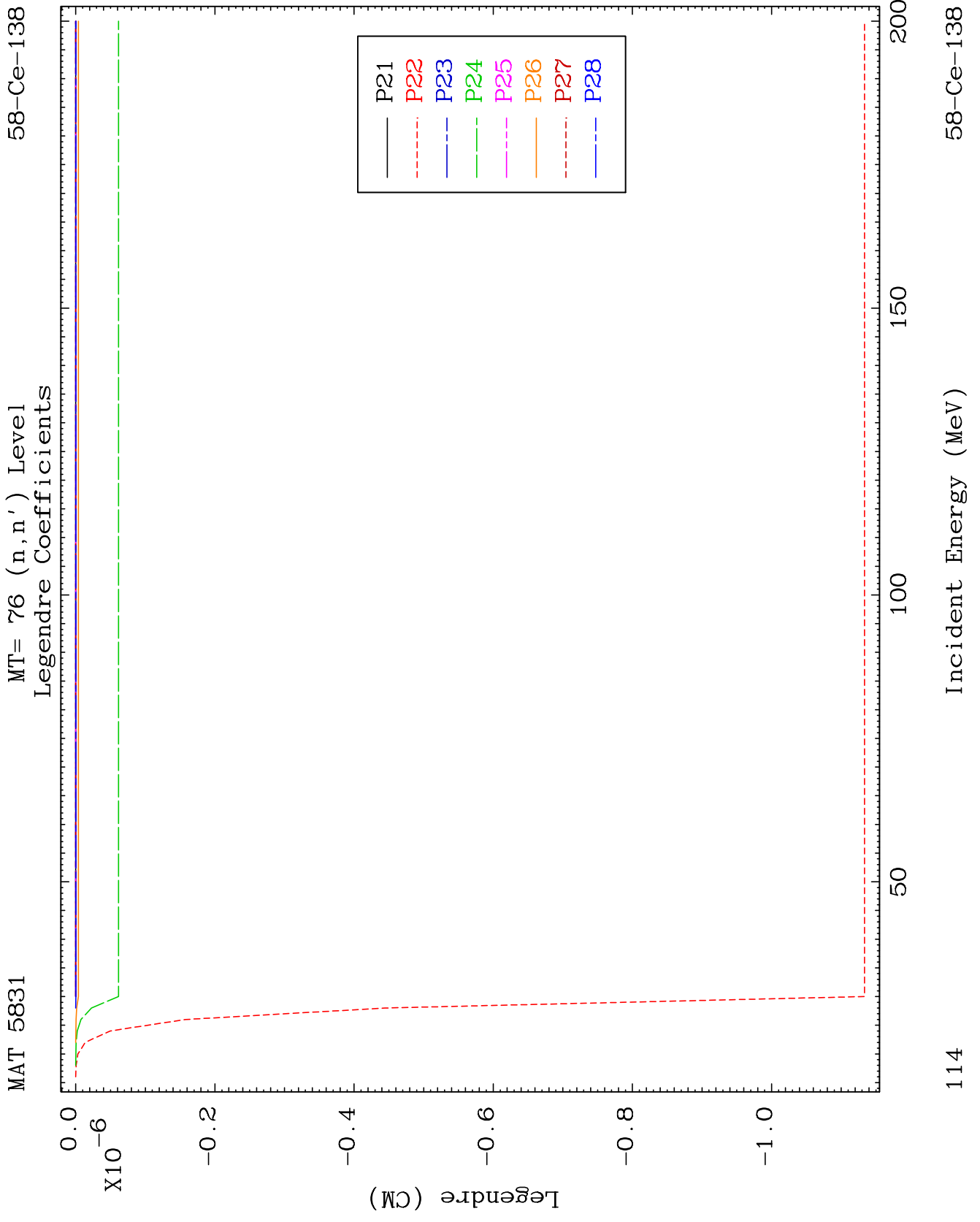
MT= 76 (n,n') Level
Legendre Coefficients

58-Ce-138



113

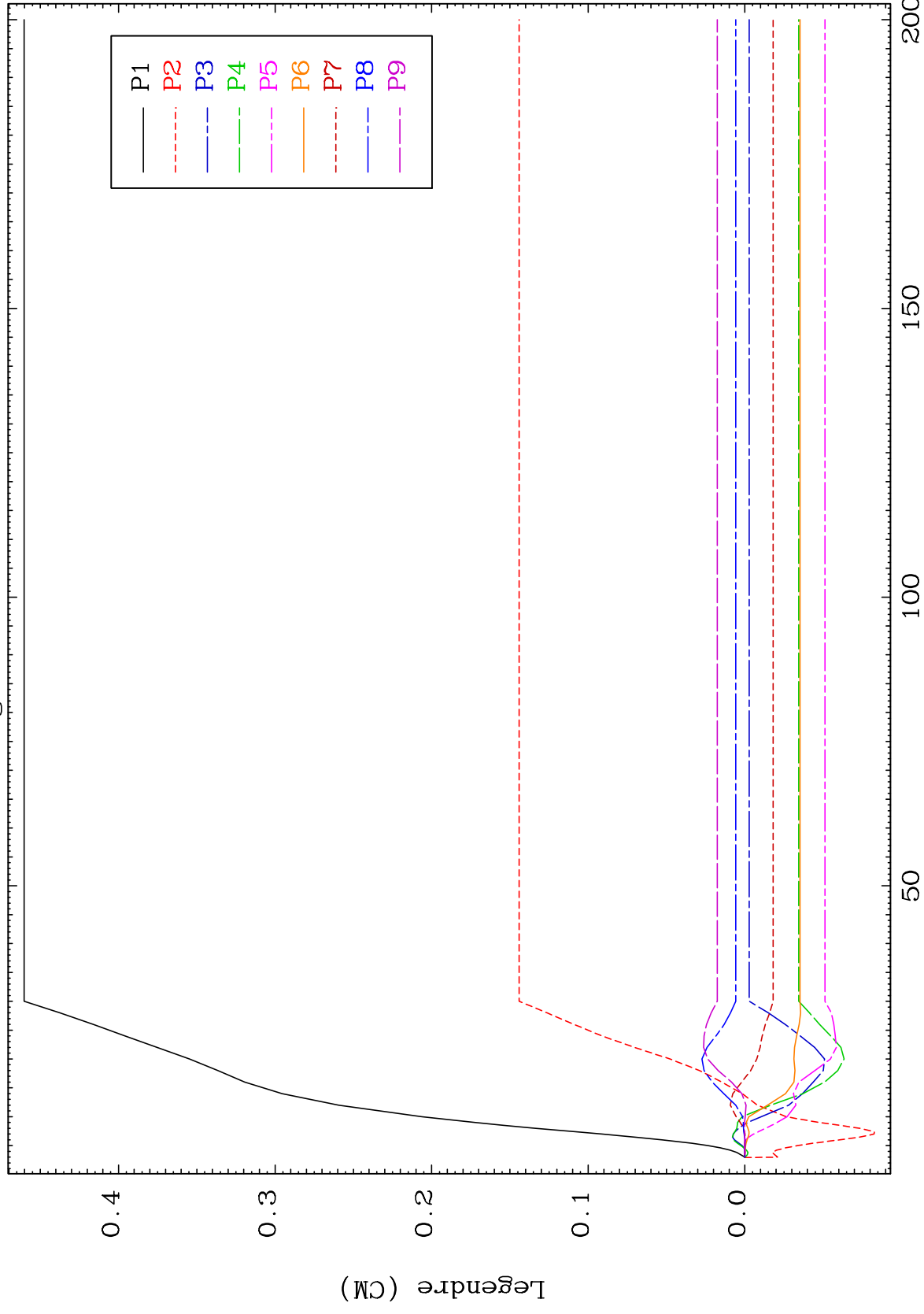
58-Ce-138



MAT 5831

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

58-Ce-138



115

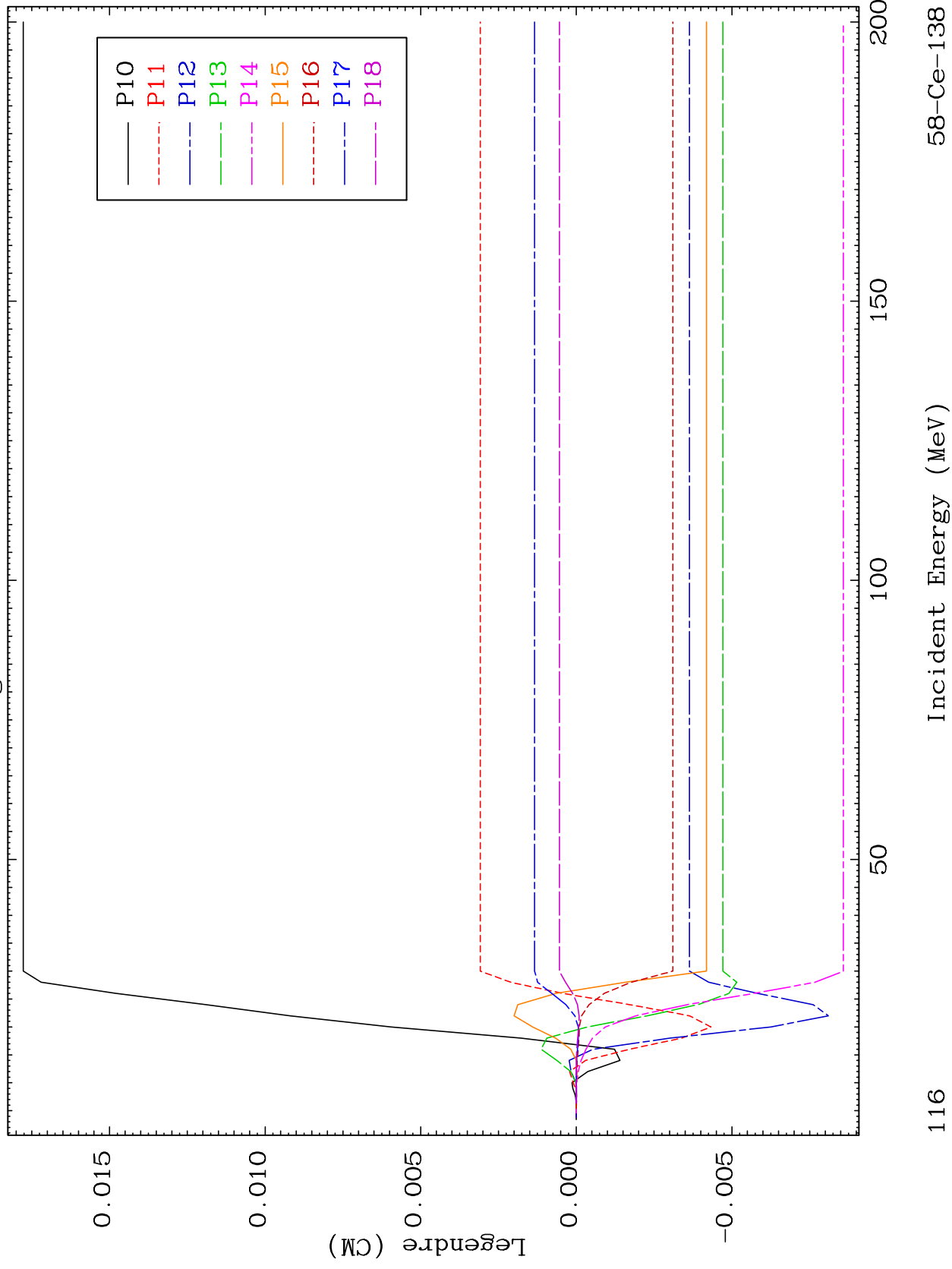
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



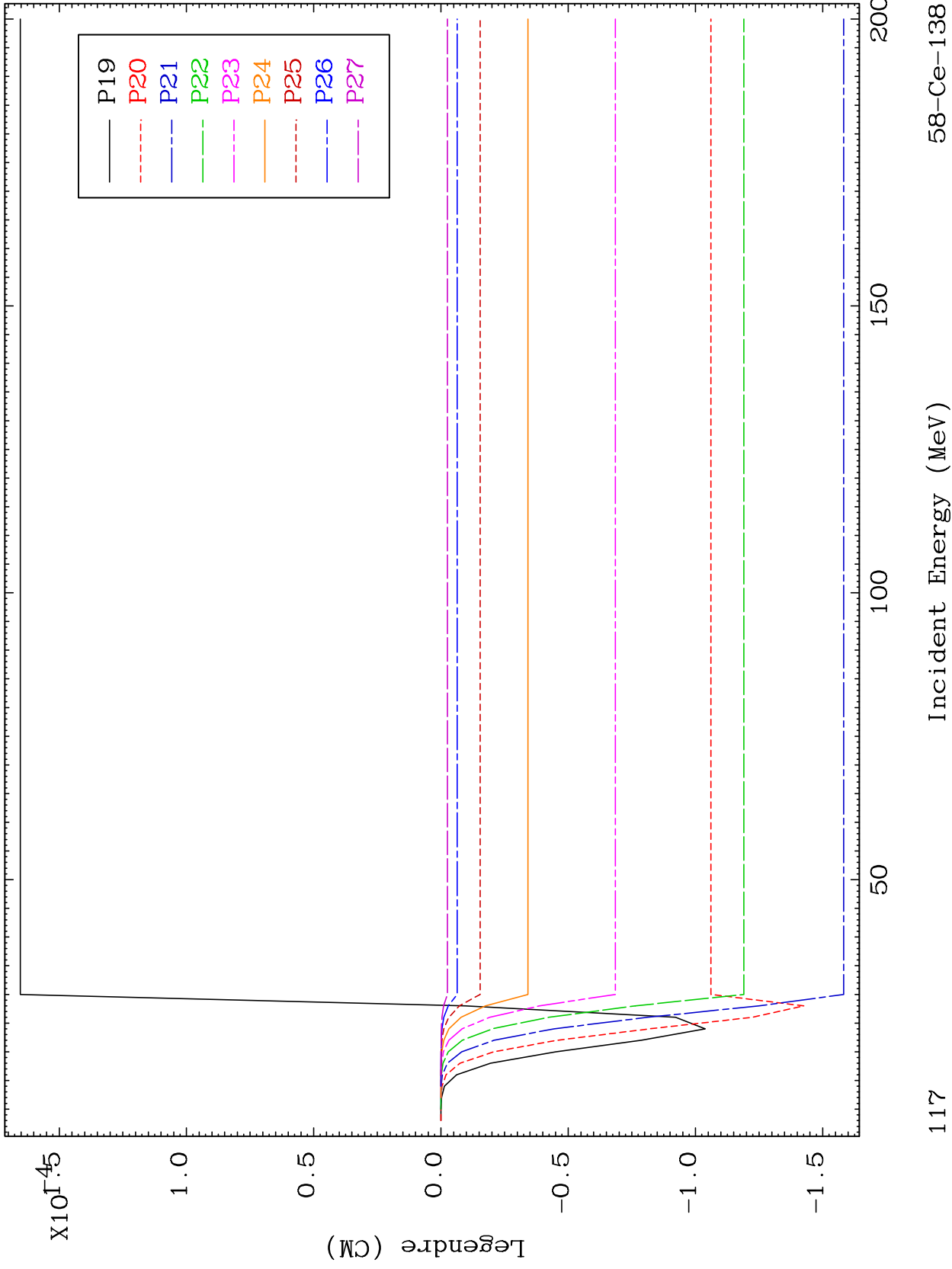
116

58-Ce-138

MAT 5831

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

58-Ce-138

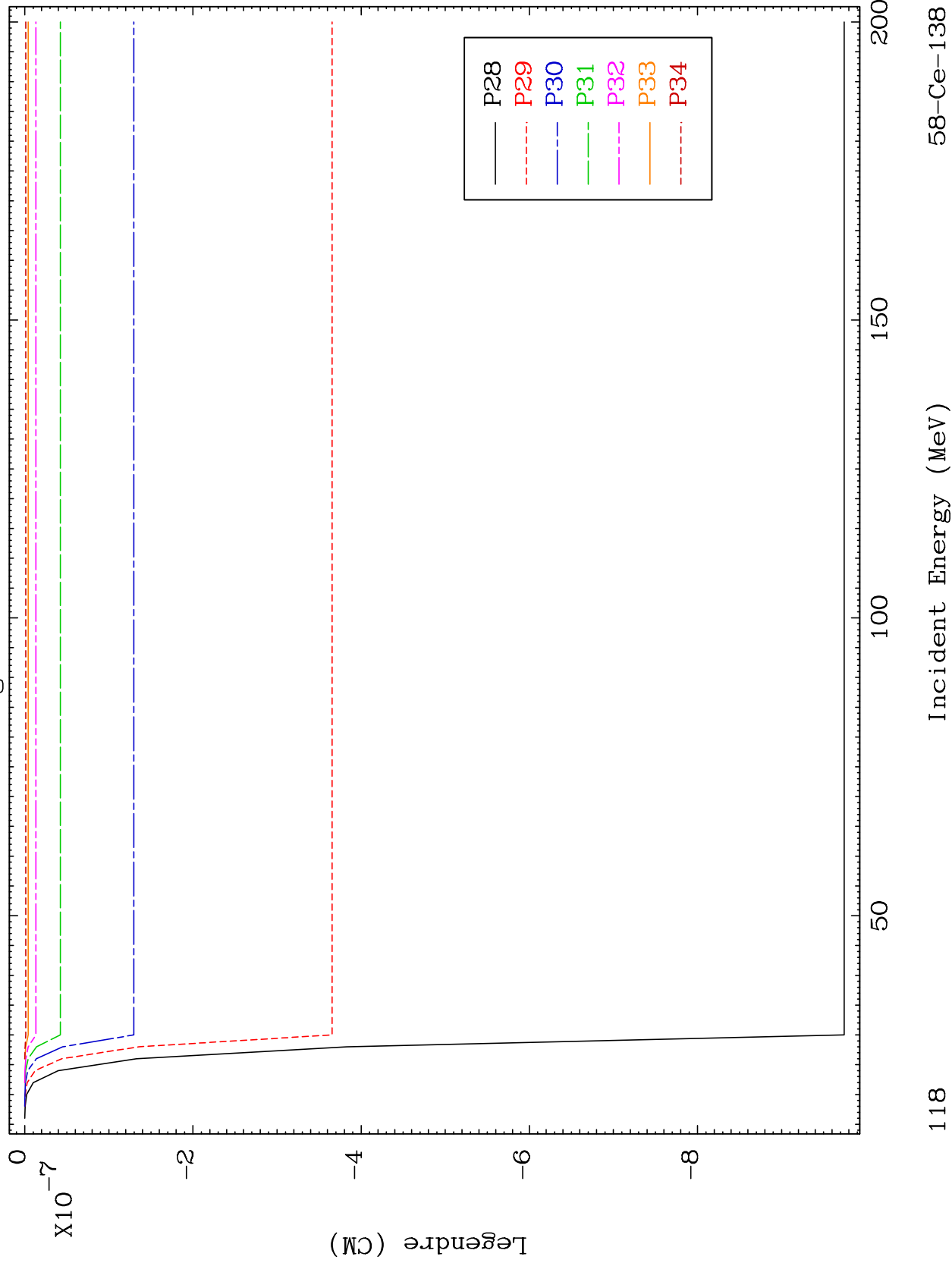


117

MAT 5831

58-Ce-138

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



118

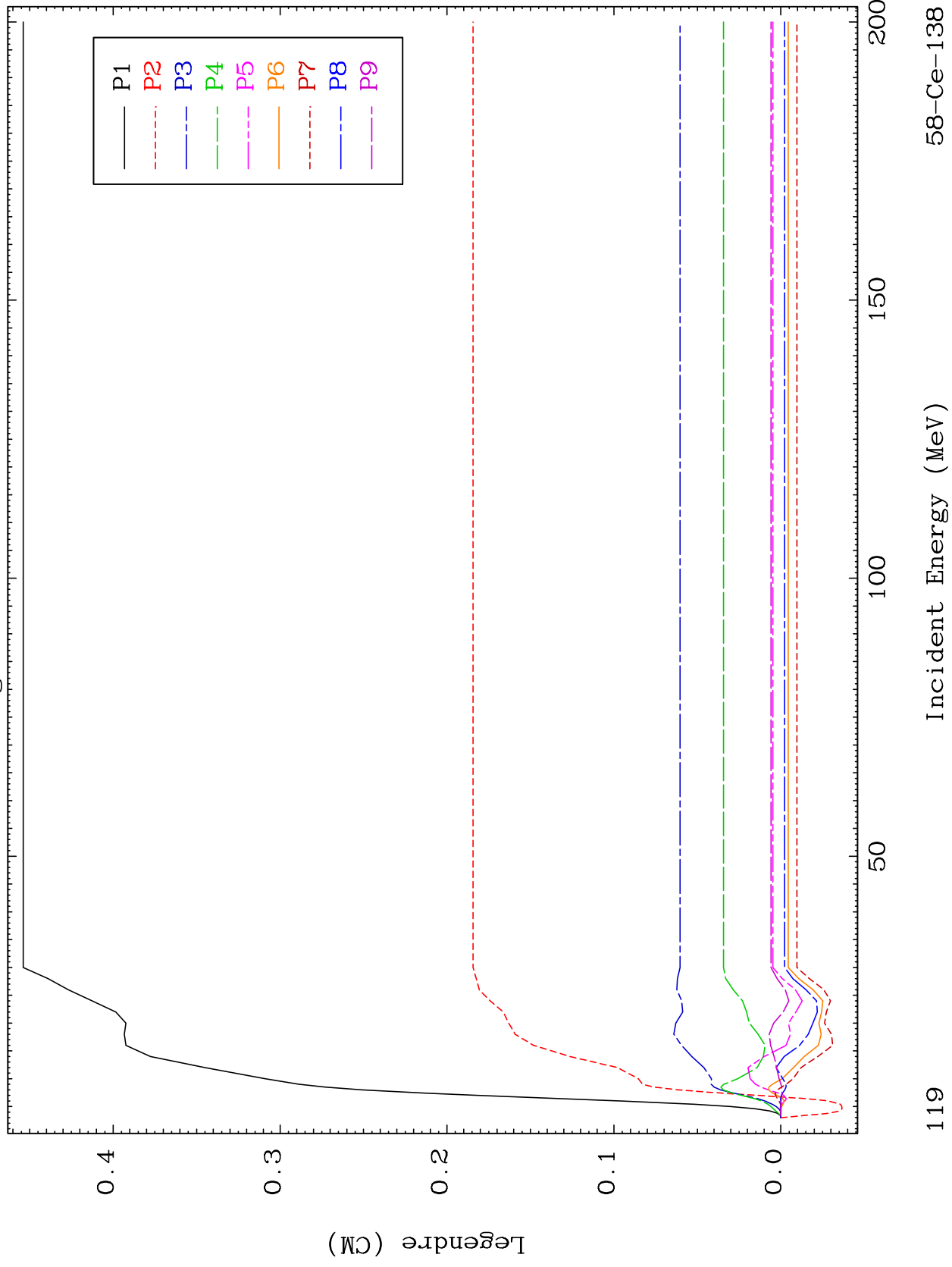
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



119

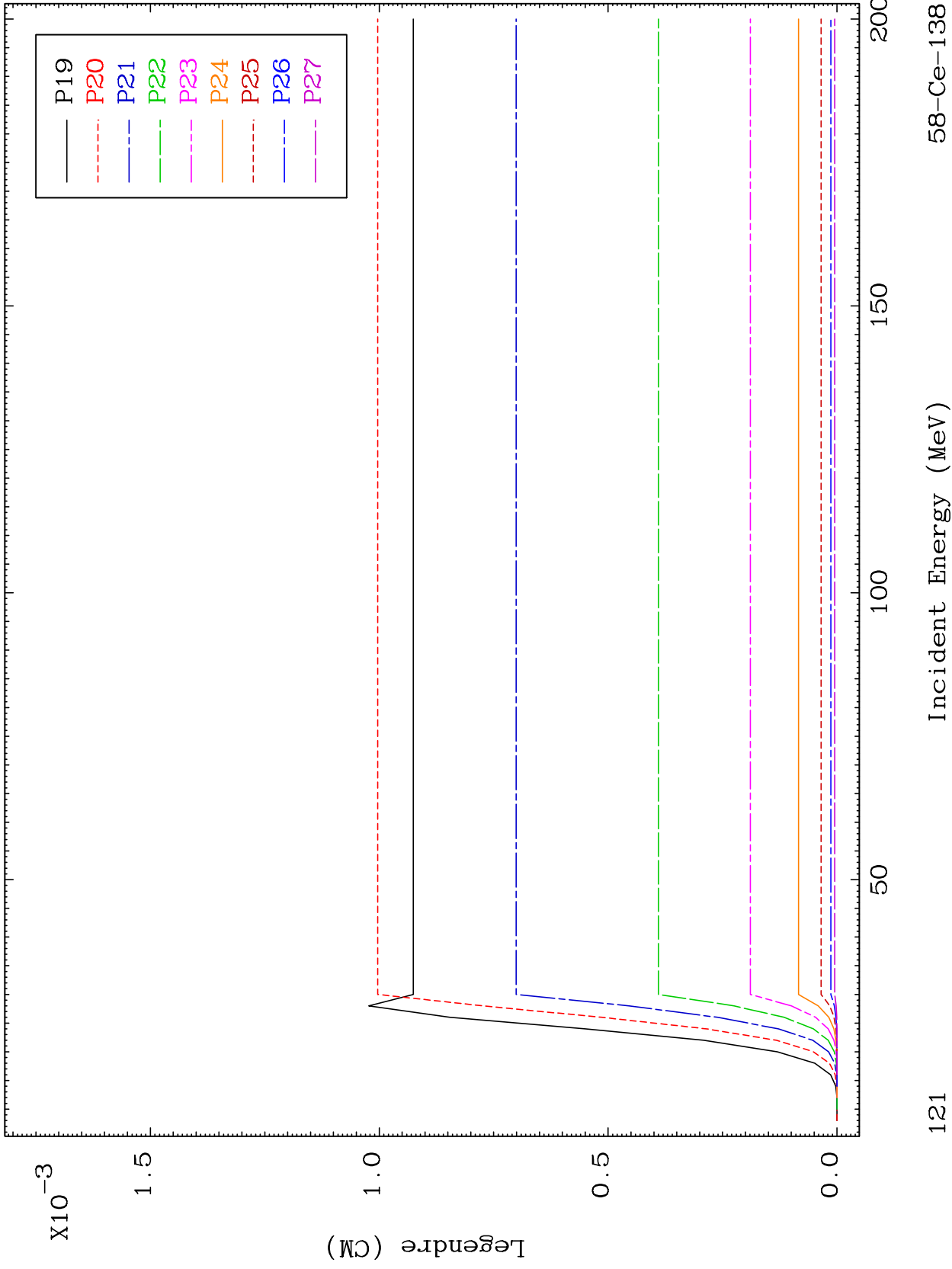
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



121

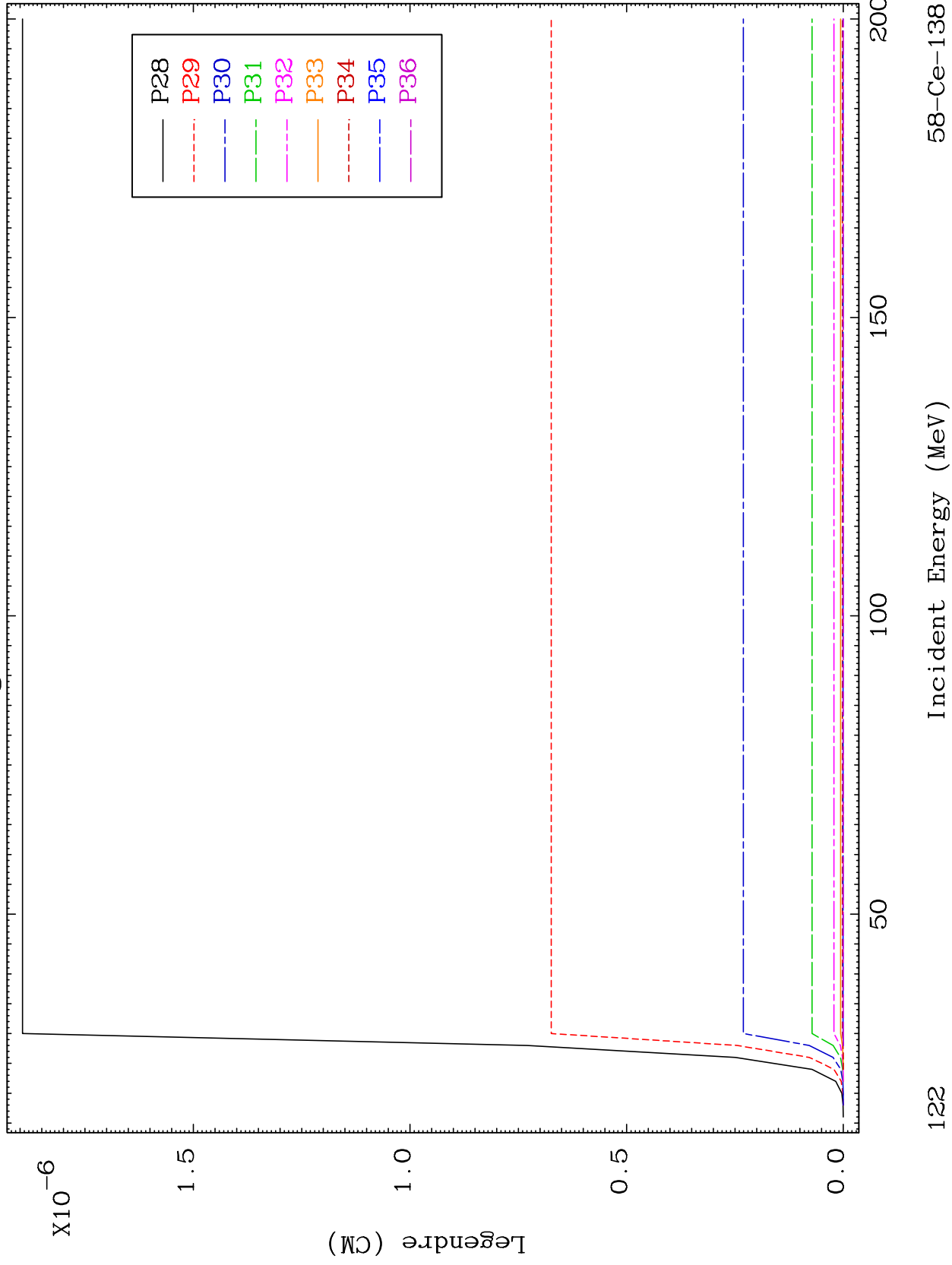
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138

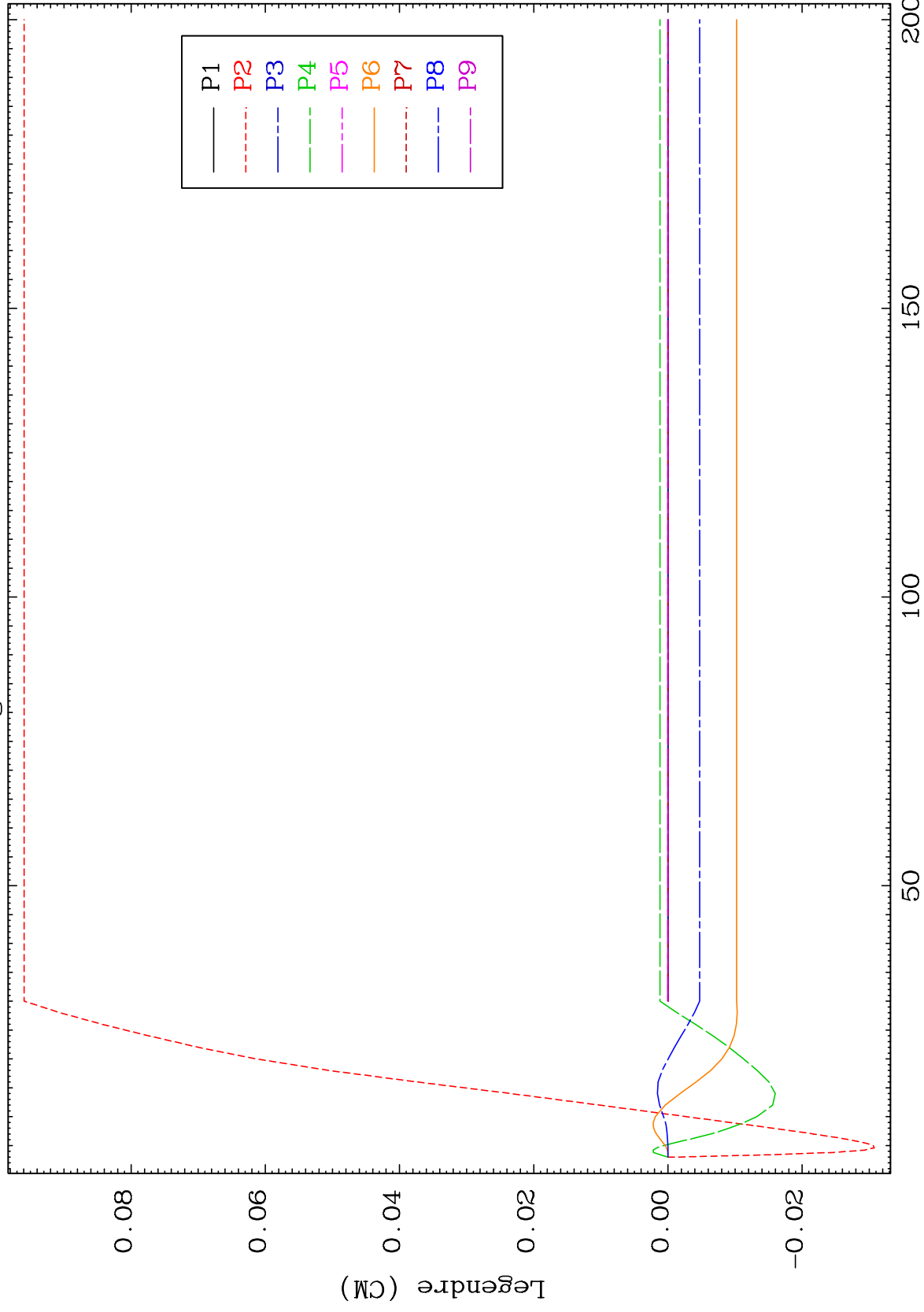


122

MAT 5831

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

58-Ce-138



123

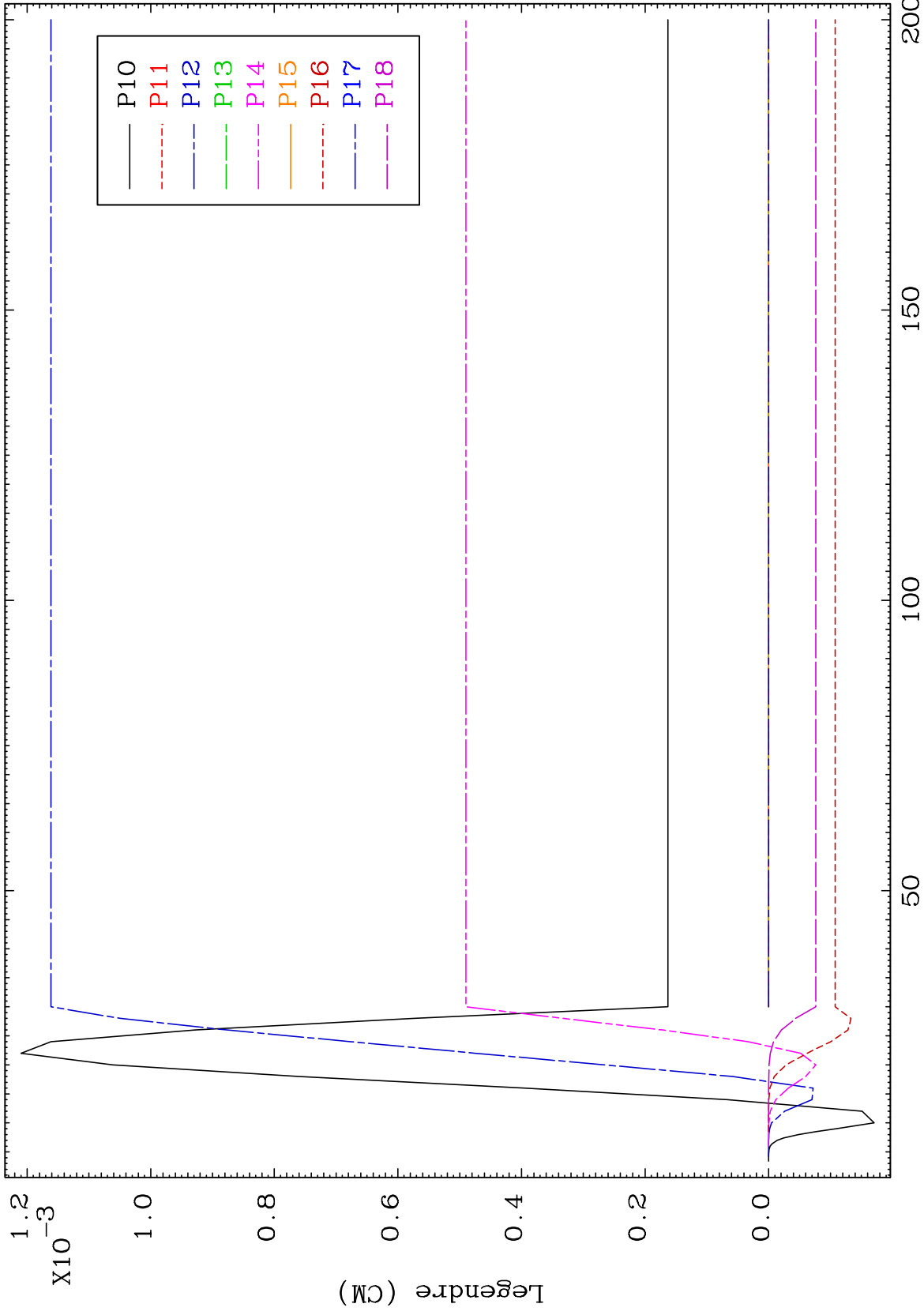
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

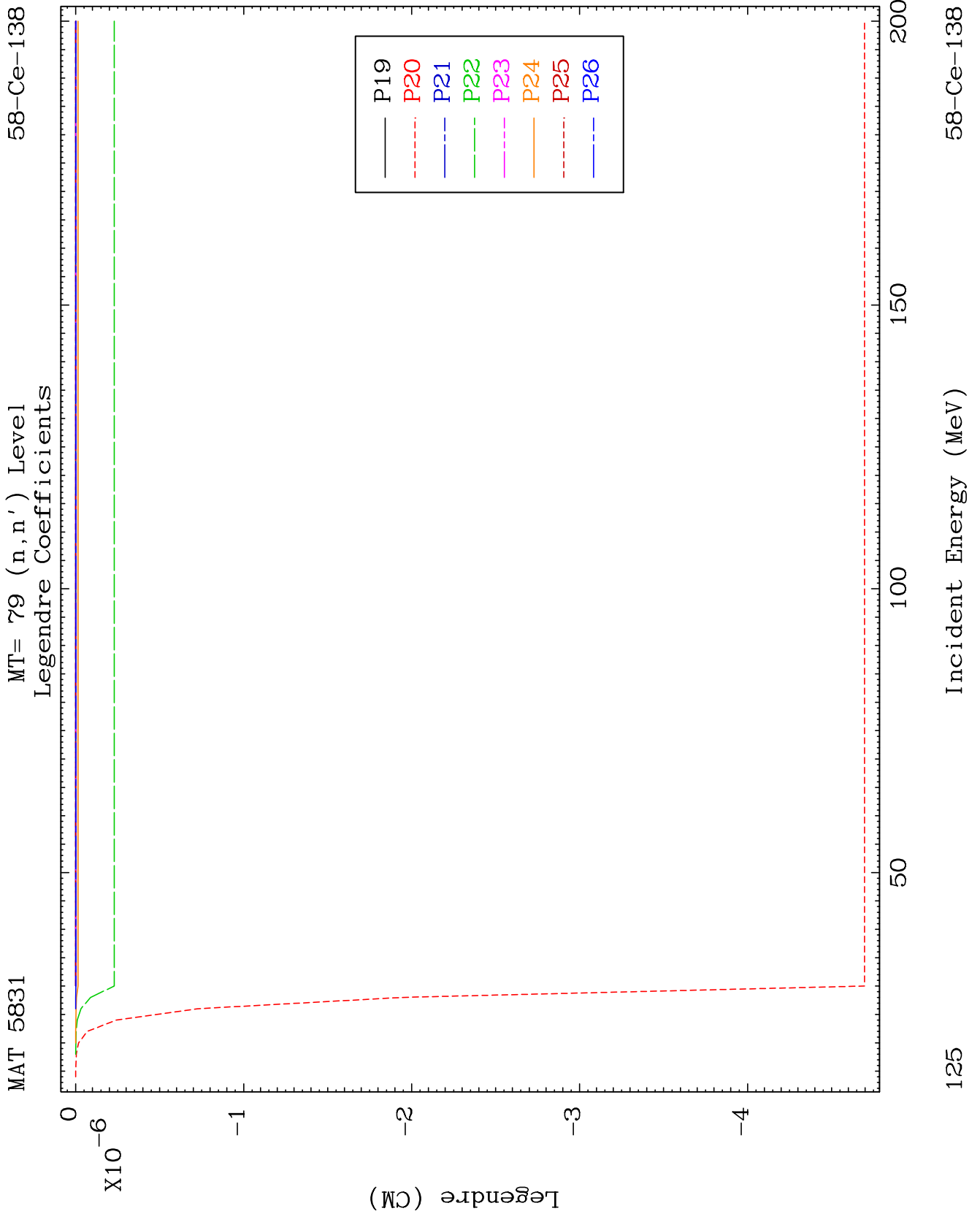
58-Ce-138



124

Incident Energy (MeV)

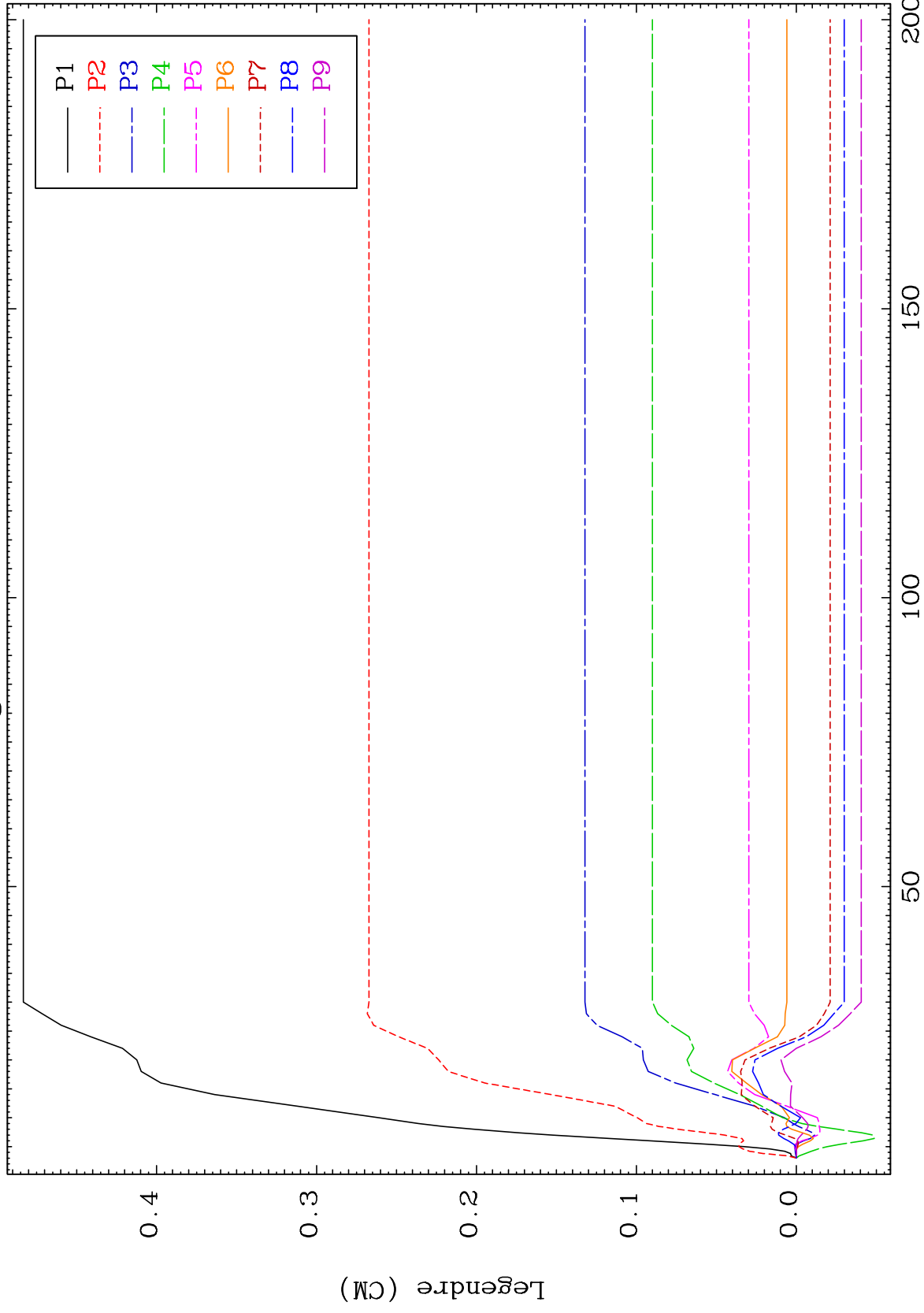
58-Ce-138



MAT 5831

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

58-Ce-138



126

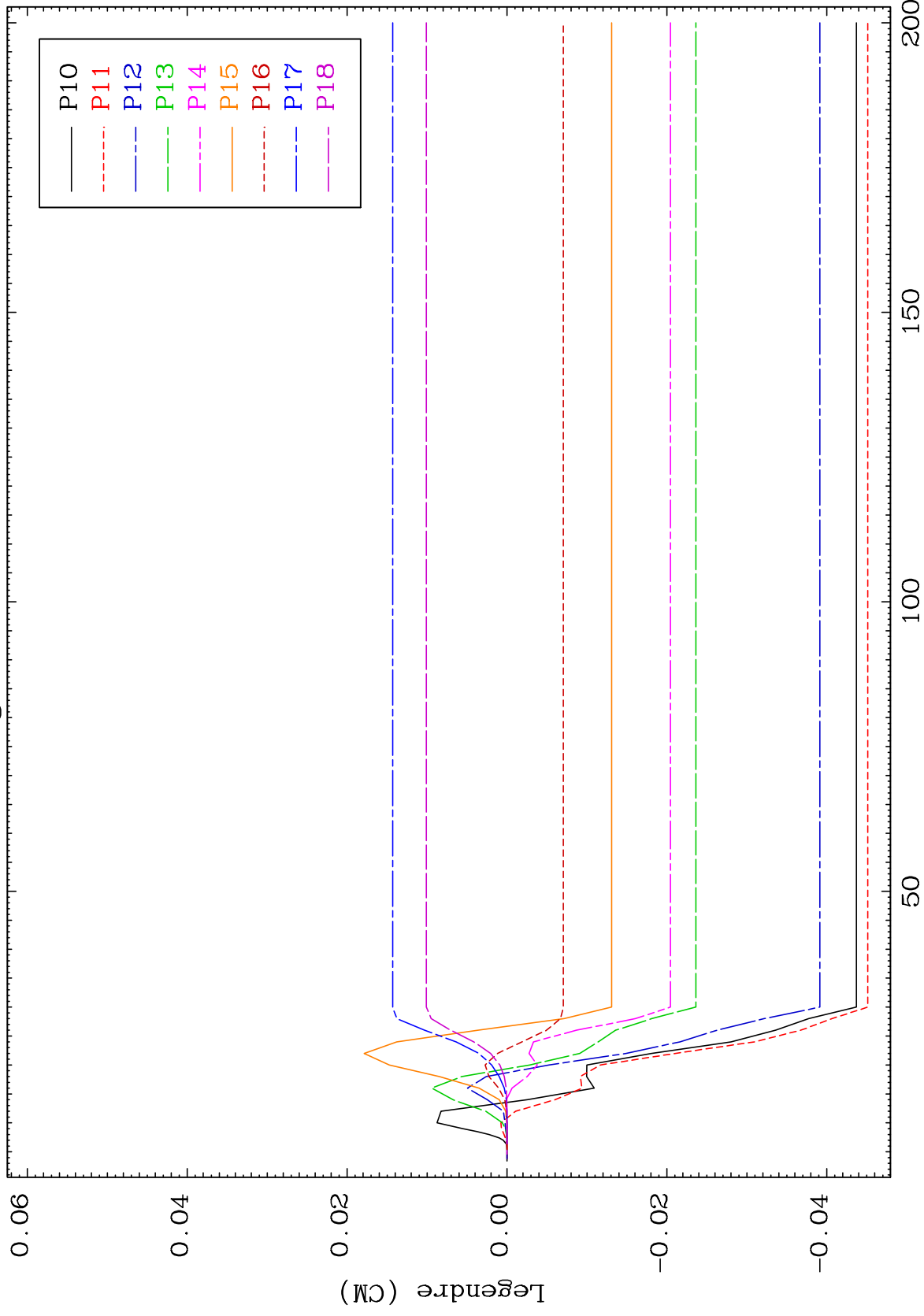
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



127

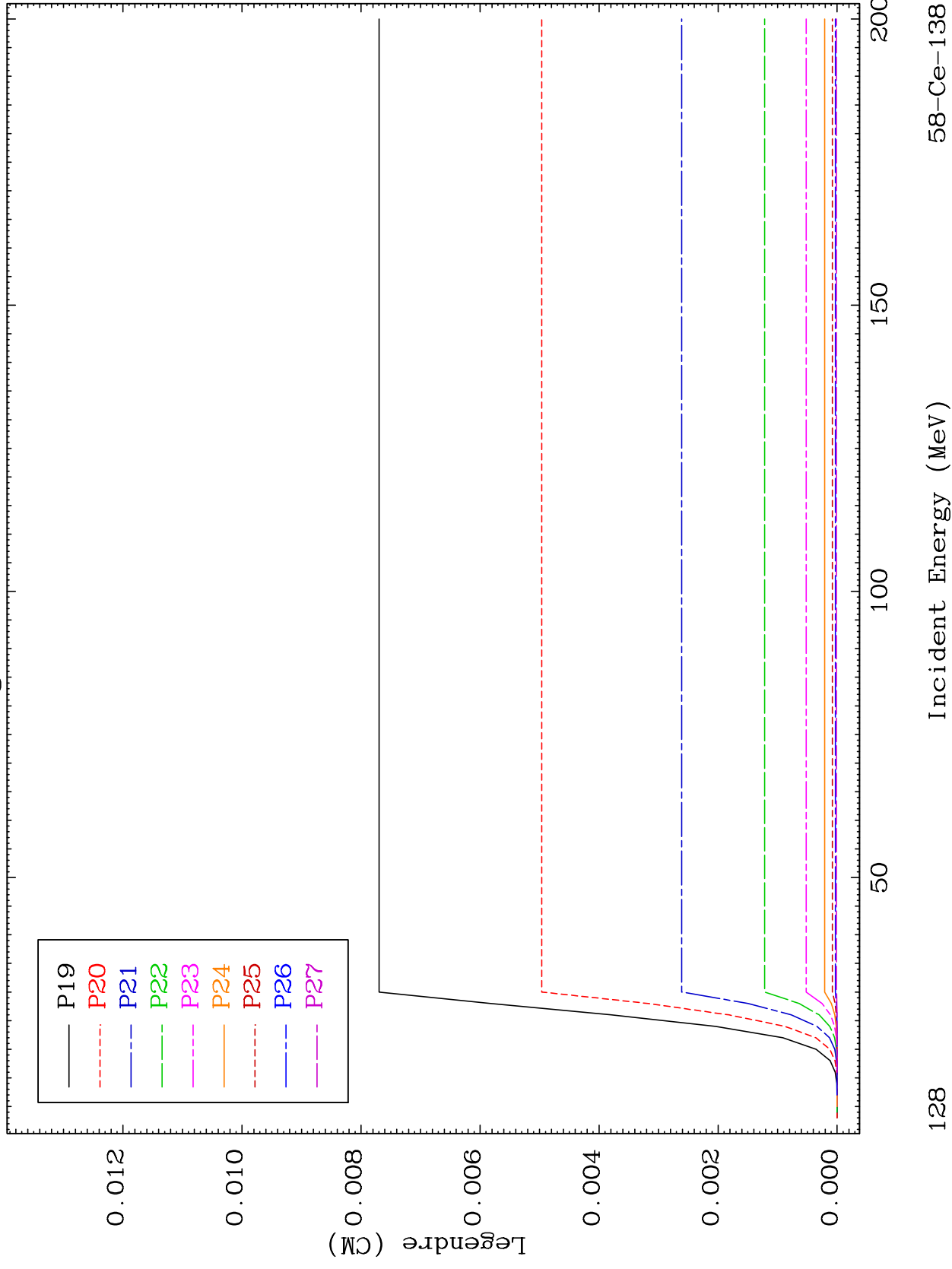
Incident Energy (MeV)

58-Ce-138

MAT 5831

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

58-Ce-138



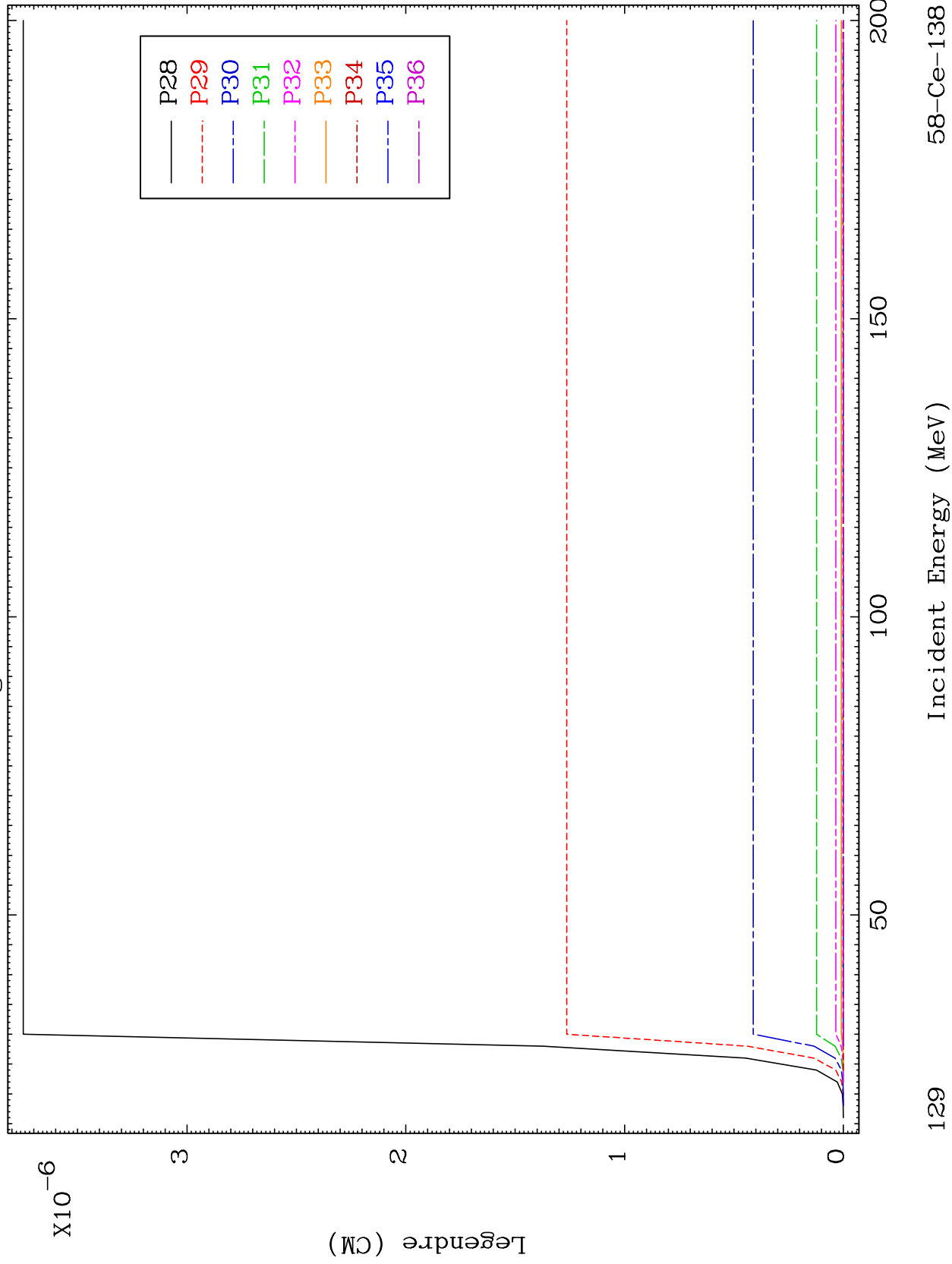
128

58-Ce-138

MAT 5831

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

58-Ce-138

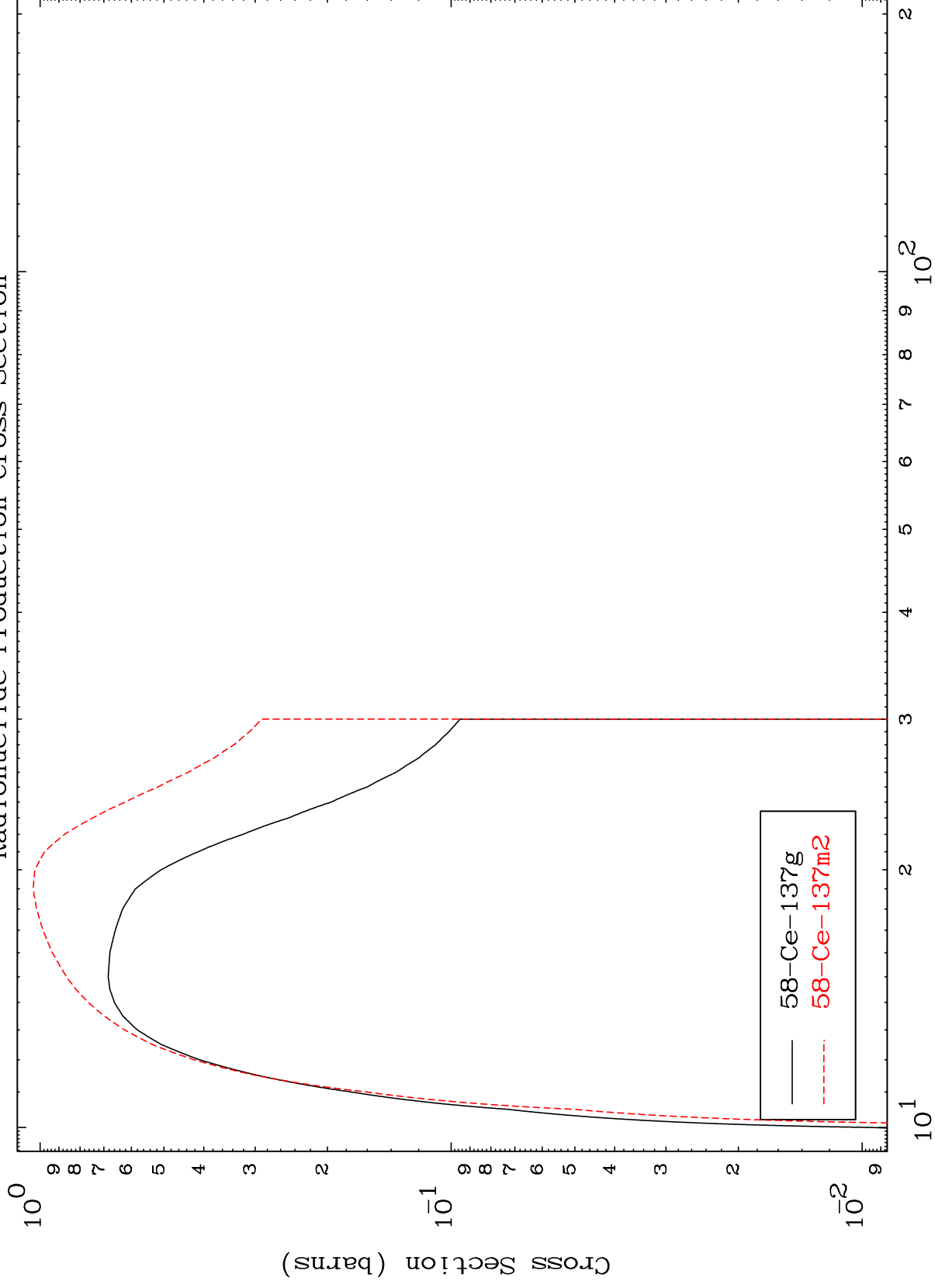


129

MAT 5831

58-Ce-138

(n,2n)
Radionuclide Production Cross Section



58-Ce-138

Incident Energy (MeV)

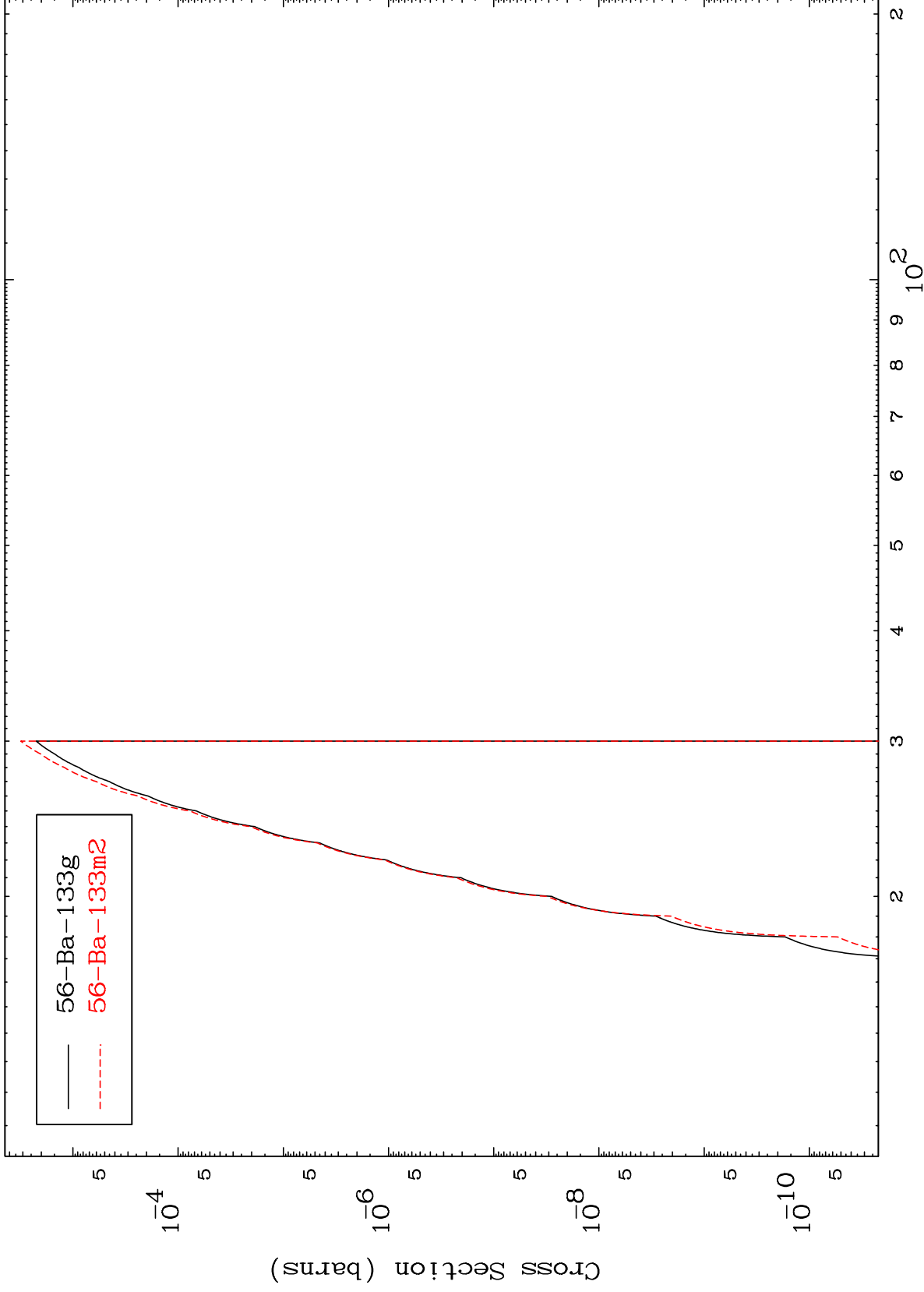
130

MAT 5831

(n,2n) α

58-Ce-138

Radionuclide Production Cross Section



131

Incident Energy (MeV)

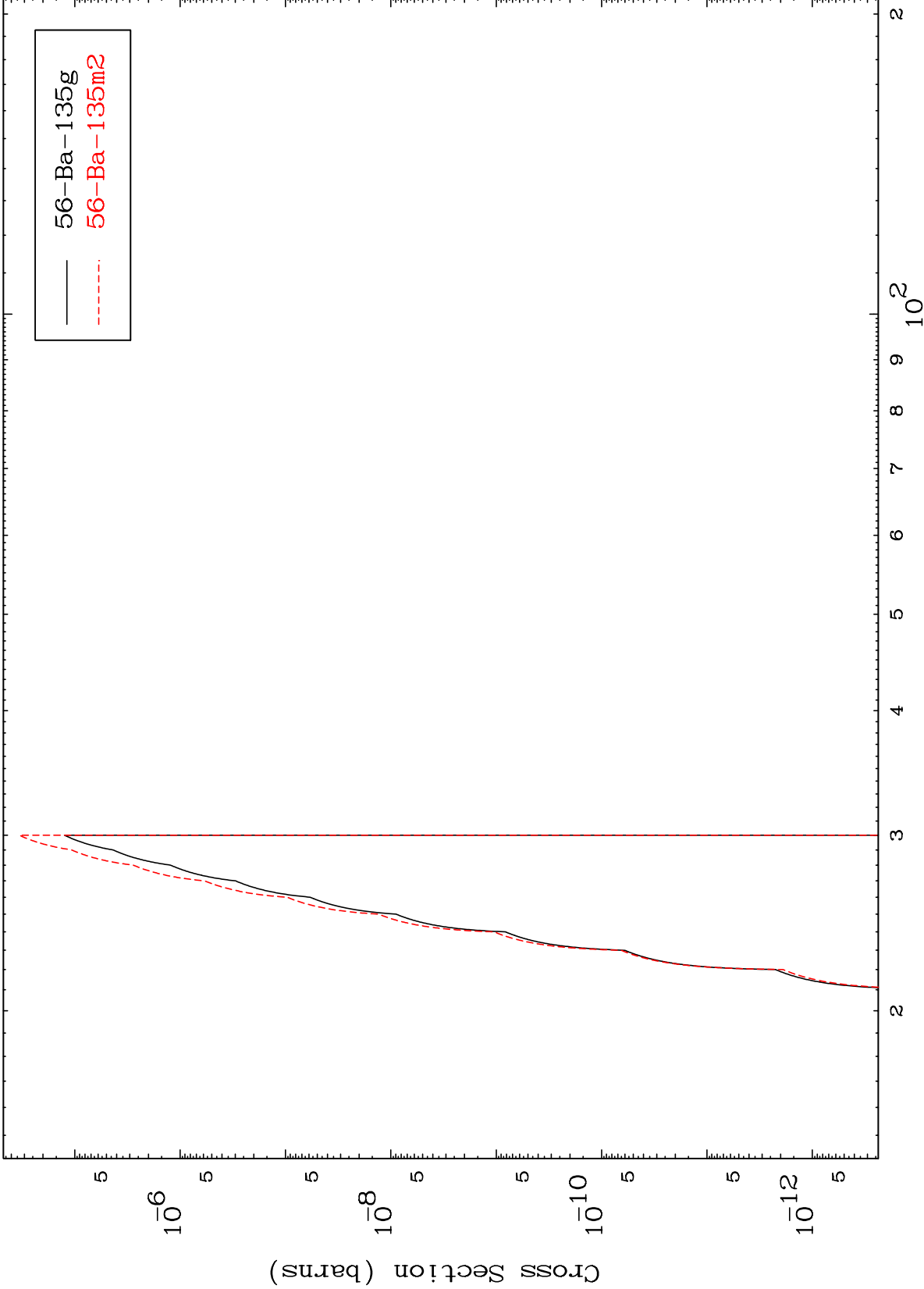
58-Ce-138

MAT 5831

(n,n') He-3

58-Ce-138

Radionuclide Production Cross Section



132

Incident Energy (MeV)

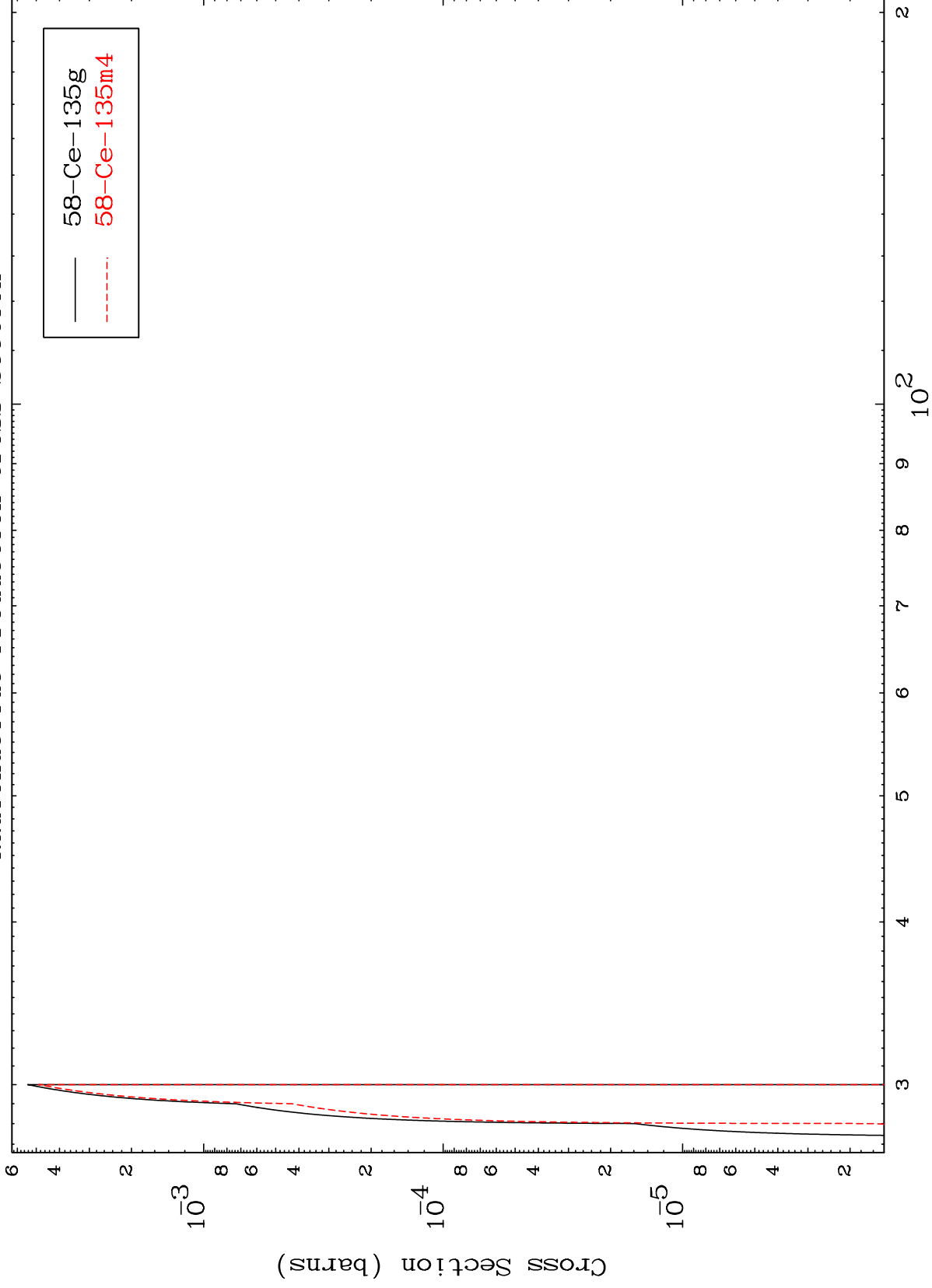
58-Ce-138

MAT 5831

(n,4n)

58-Ce-138

Radionuclide Production Cross Section



133

Incident Energy (MeV)

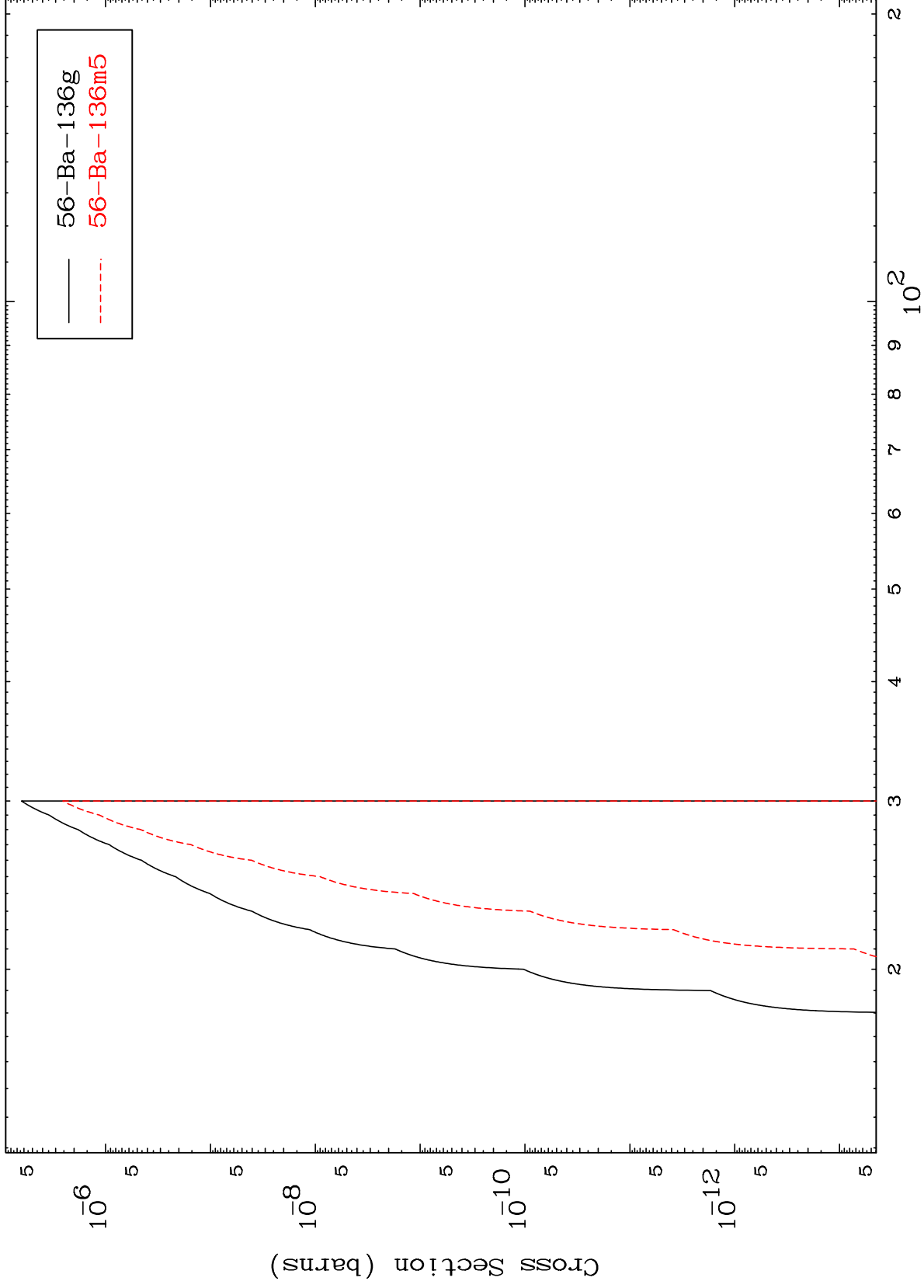
58-Ce-138

MAT 5831

(n,2n) p

58-Ce-138

Radionuclide Production Cross Section



134

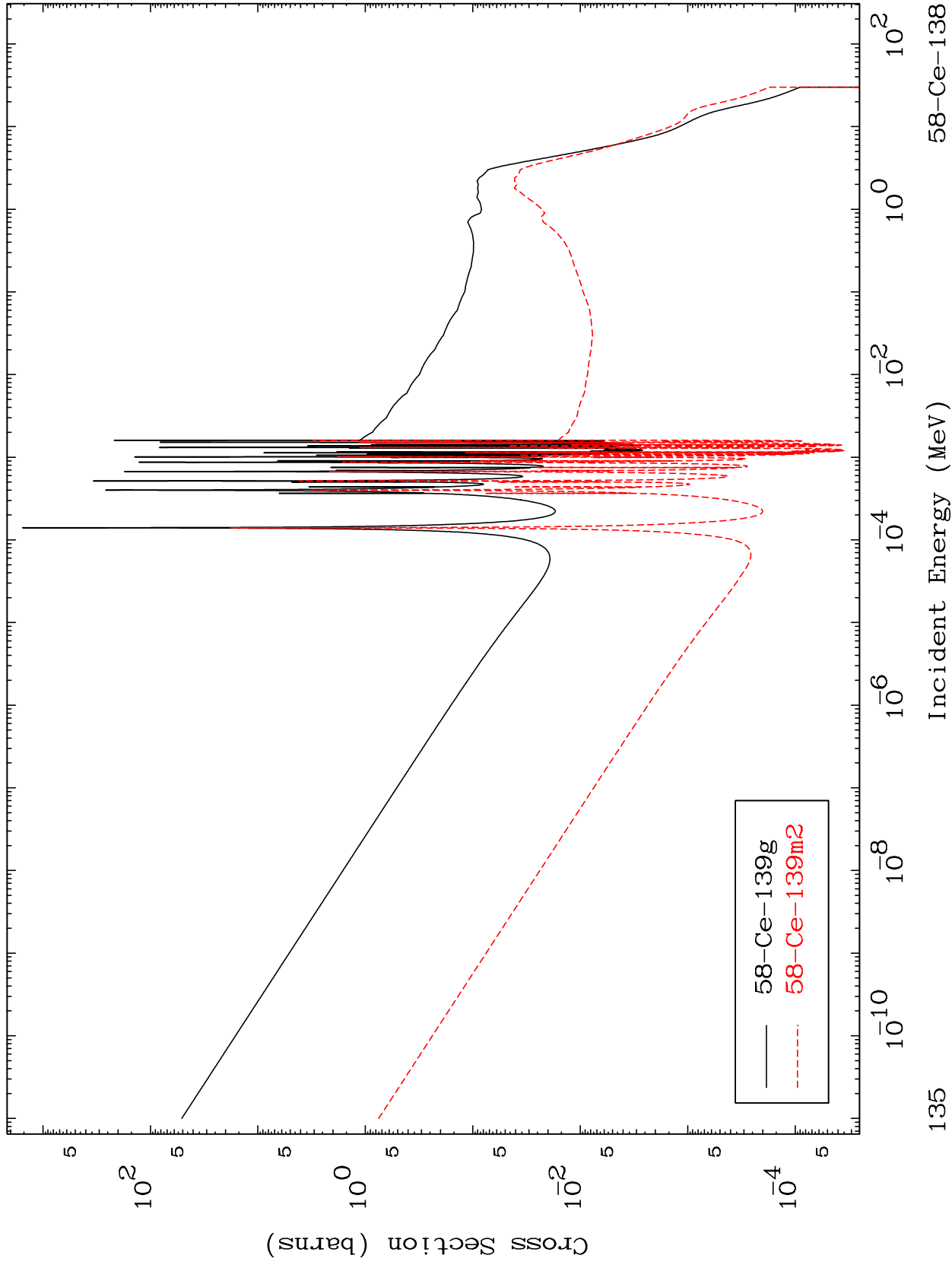
Incident Energy (MeV)

58-Ce-138

MAT 5831

58-Ce-138

(n, γ)
Radionuclide Production Cross Section

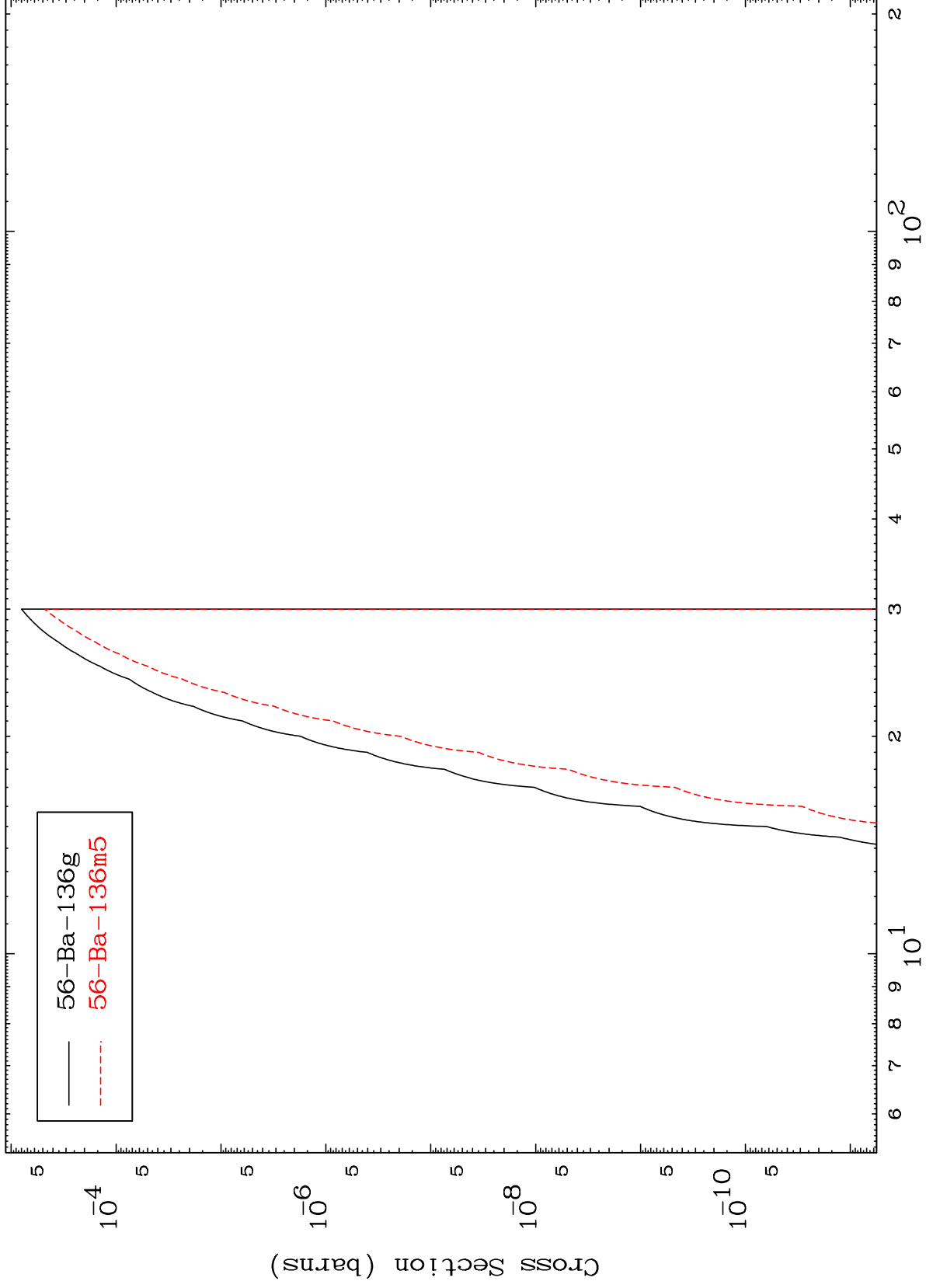


MAT 5831

(n,He-3)

58-Ce-138

Radionuclide Production Cross Section



136

Incident Energy (MeV)

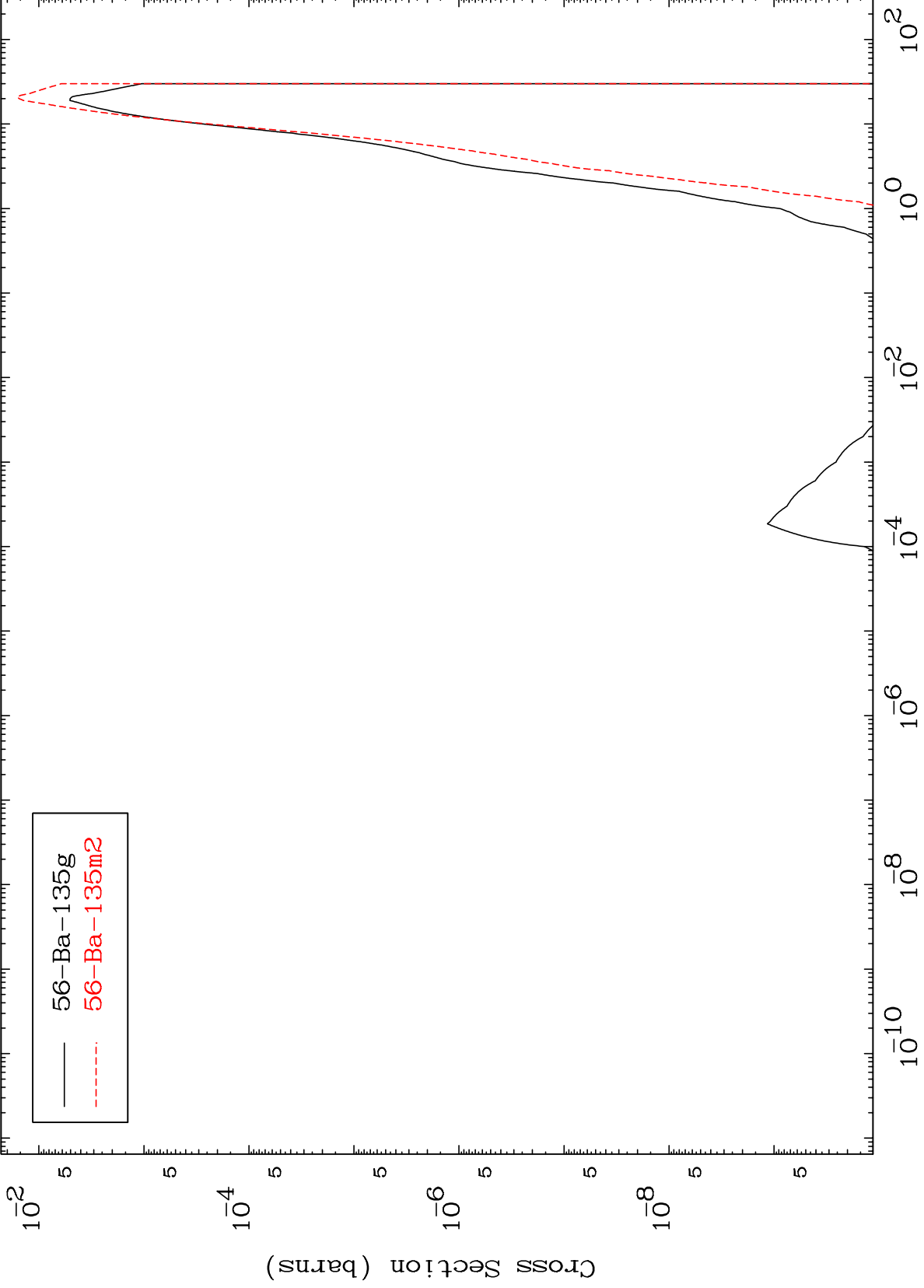
58-Ce-138

MAT 5831

(n, α)

58-Ce-138

Radionuclide Production Cross Section



137

Incident Energy (MeV)

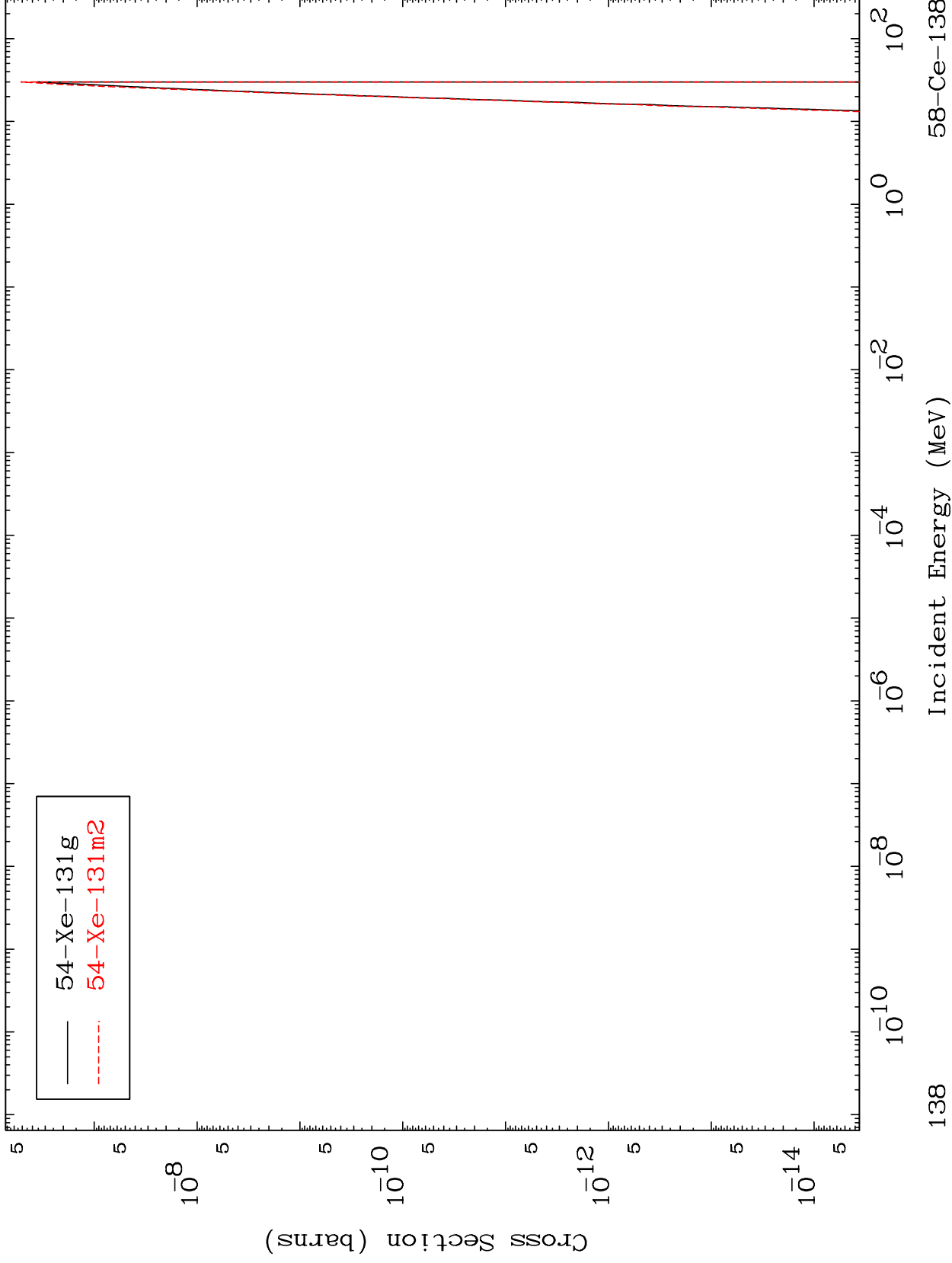
58-Ce-138

MAT 5831

(n,2α)

58-Ce-138

Radionuclide Production Cross Section

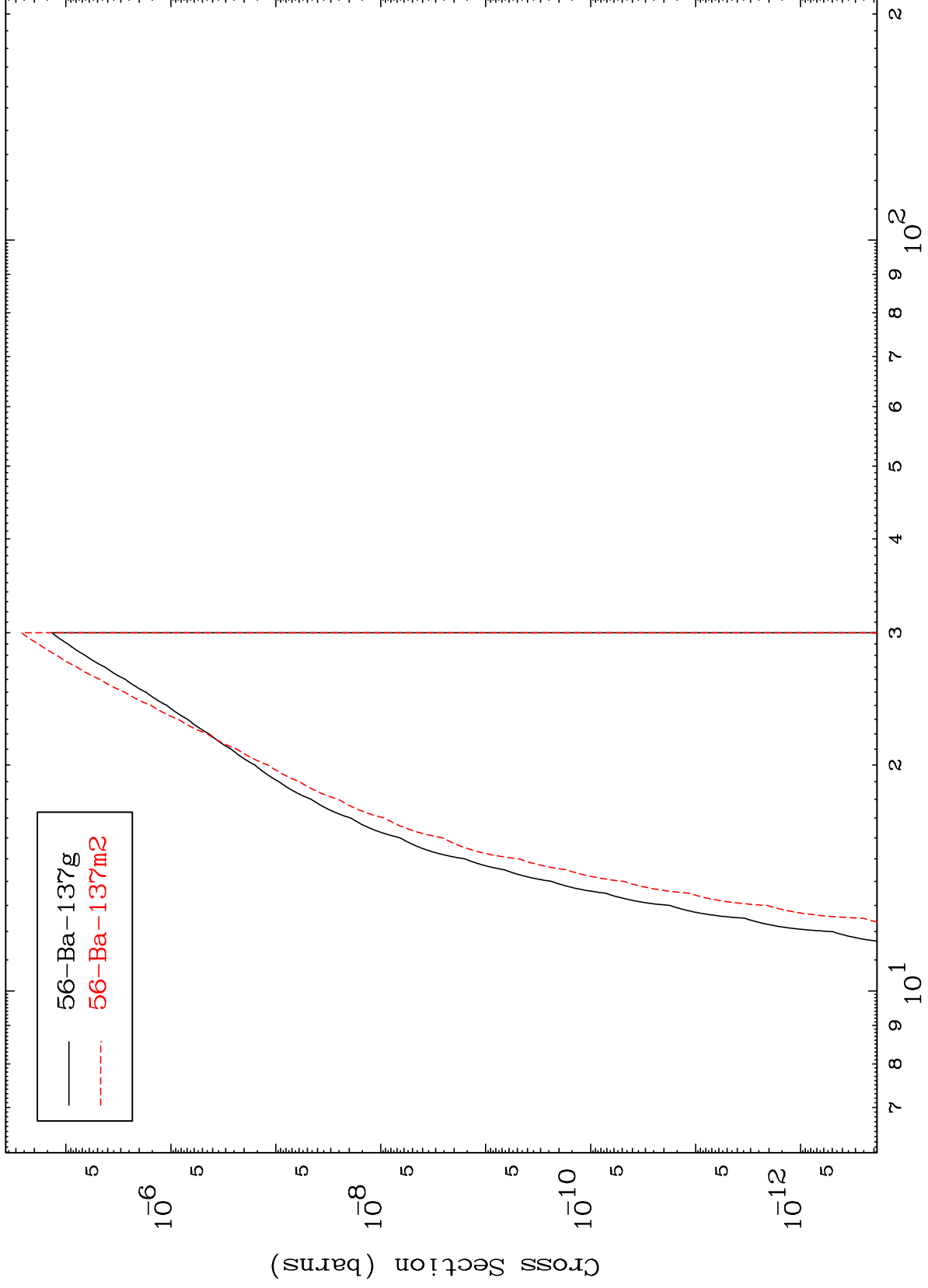


138

MAT 5831

58-Ce-138

(n,2p)
Radionuclide Production Cross Section



139

Incident Energy (MeV)

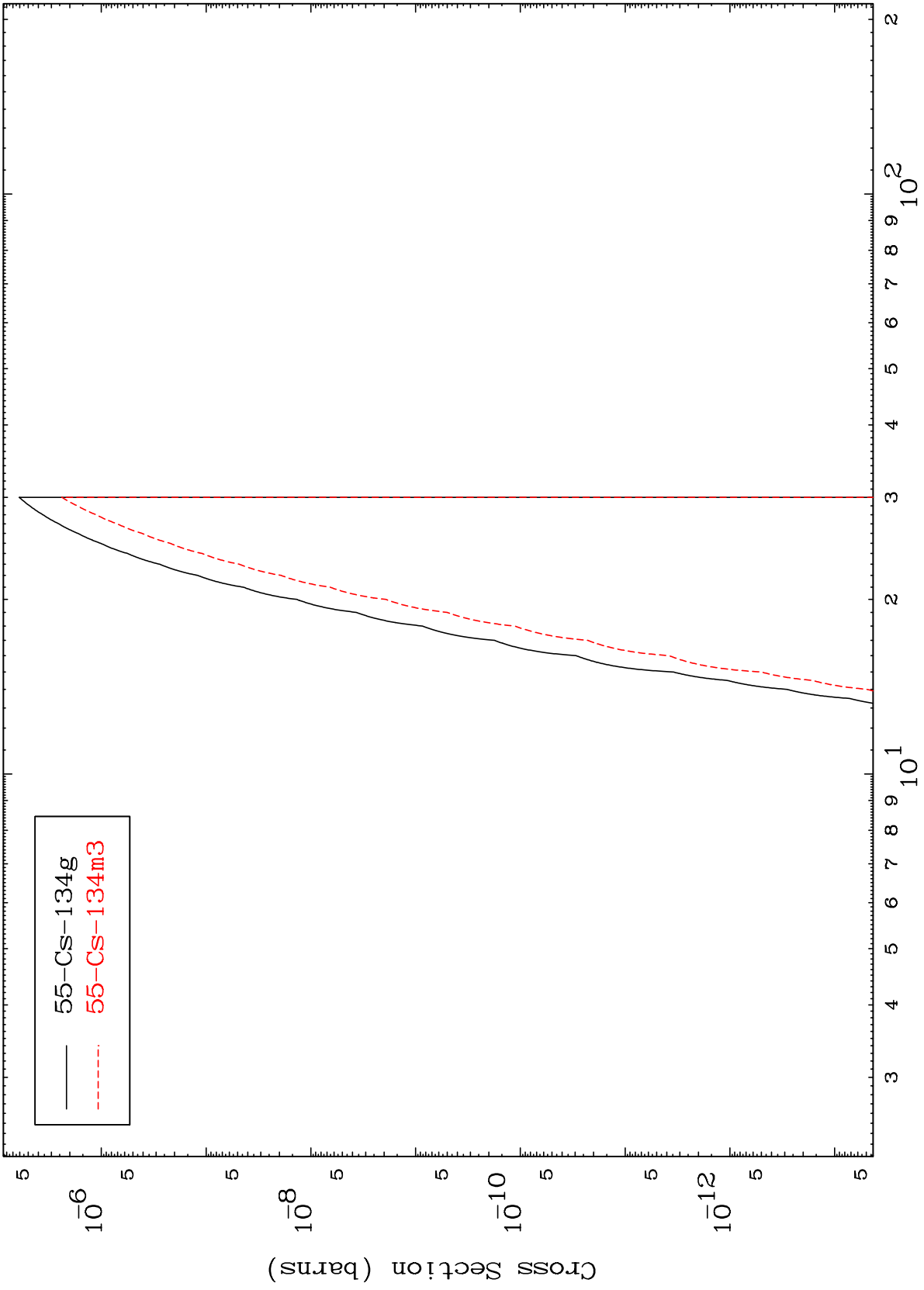
58-Ce-138

MAT 5831

(n,p) α

58-Ce-138

Radionuclide Production Cross Section



140

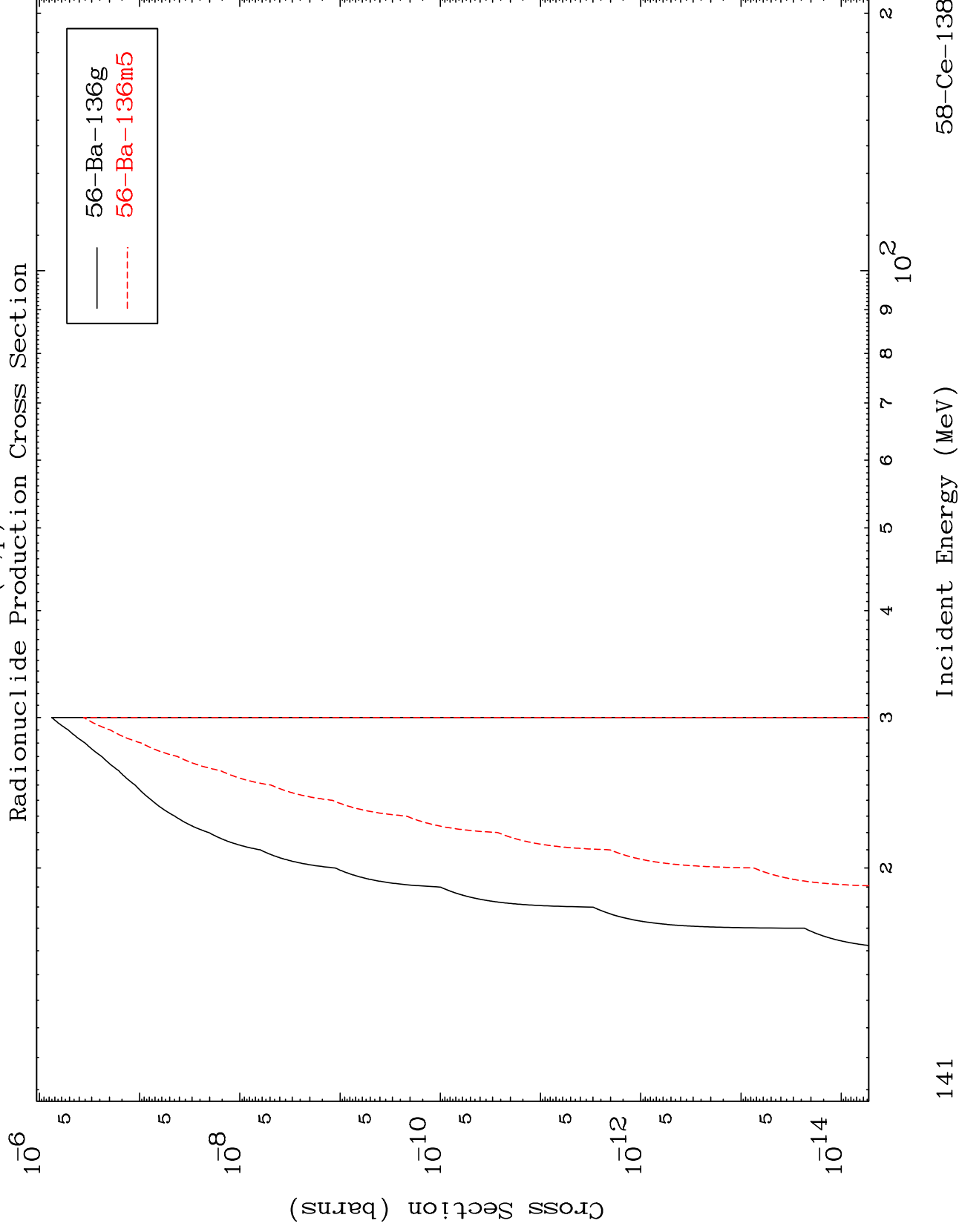
Incident Energy (MeV)

58-Ce-138

MAT 5831

(n,p) d

58-Ce-138



141

58-Ce-138

