

Program EVALPLOT
(Version 2017-1)

by

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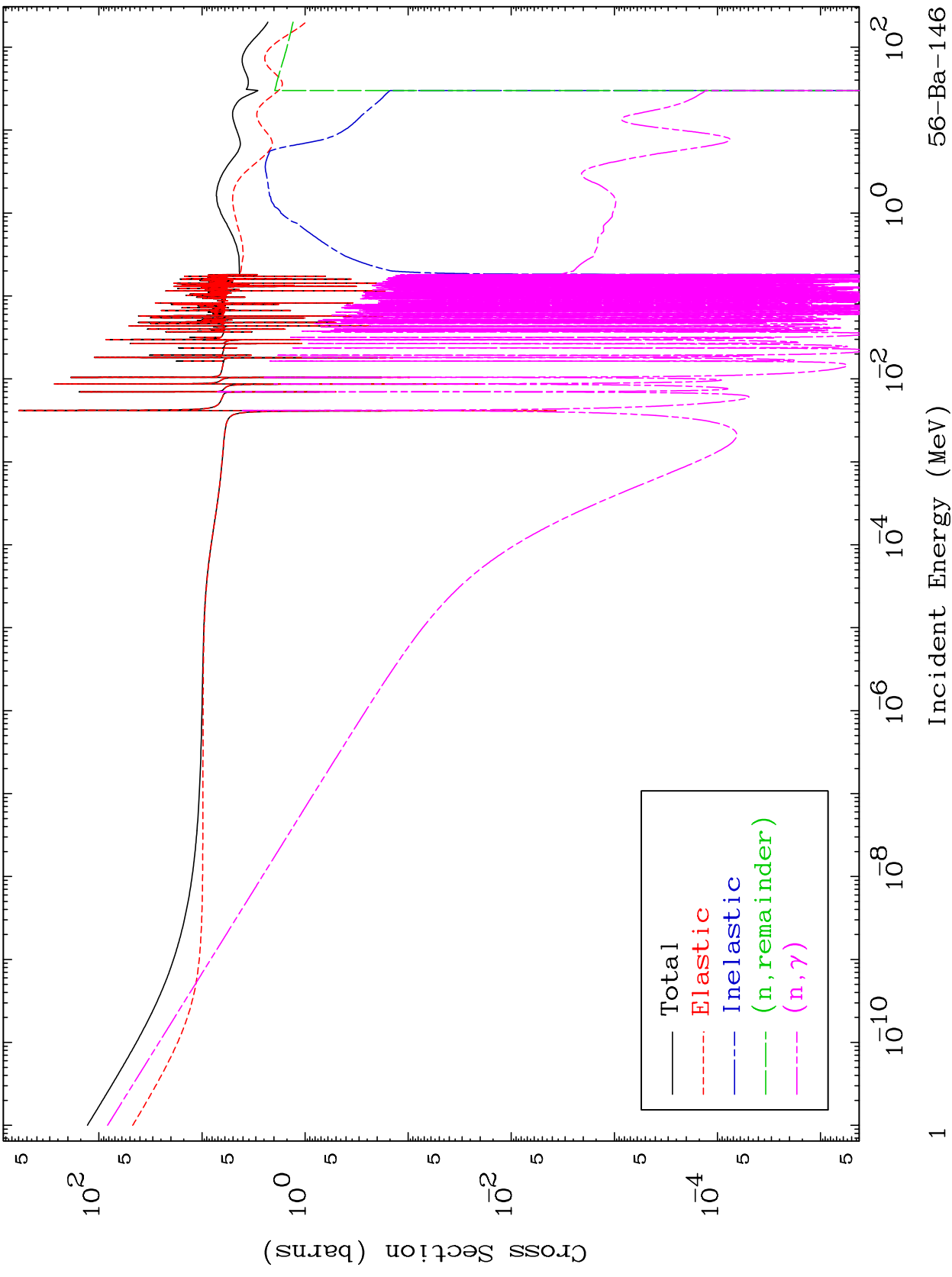
Press Mouse Button to Start

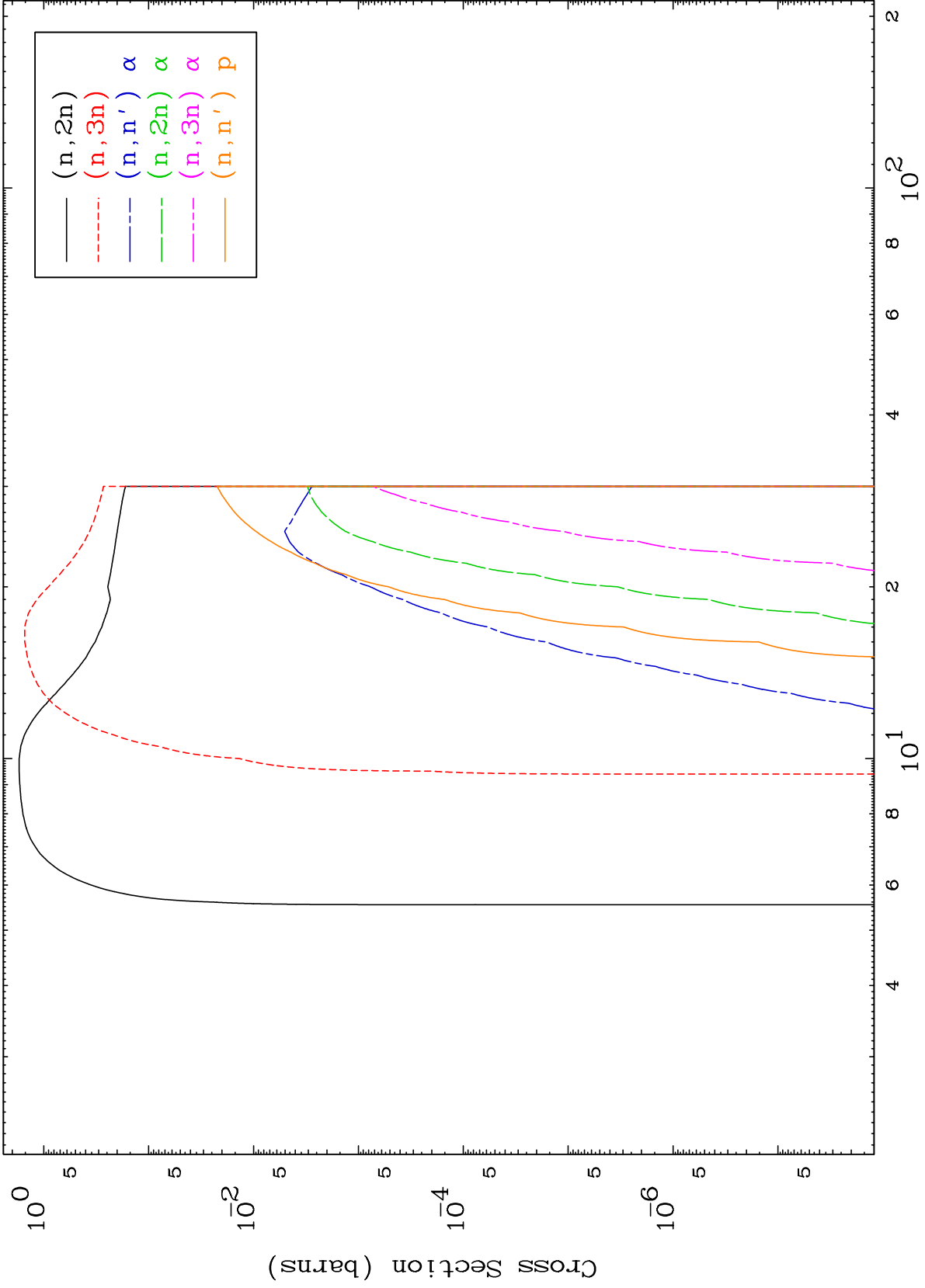
MAT 5673

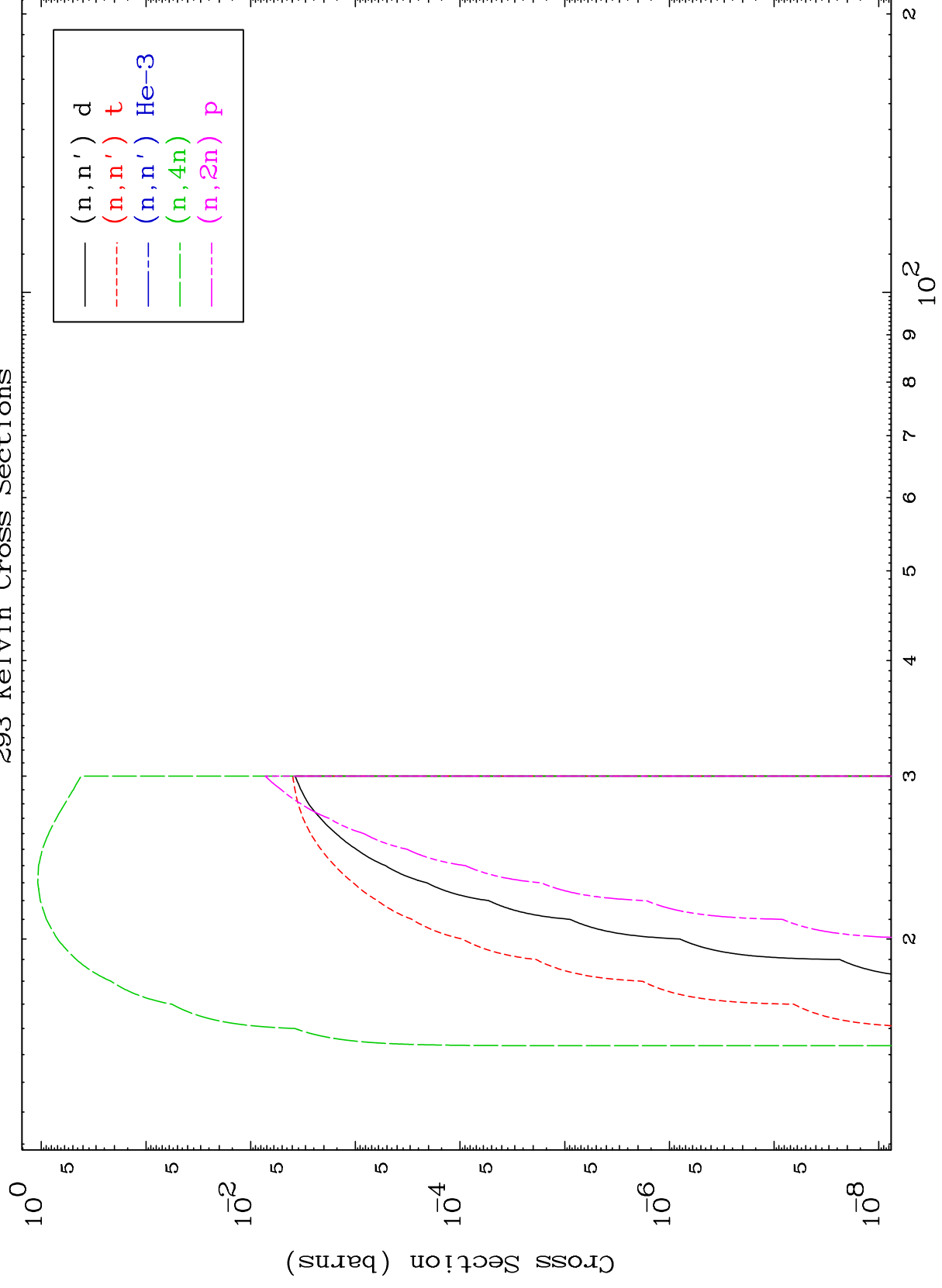
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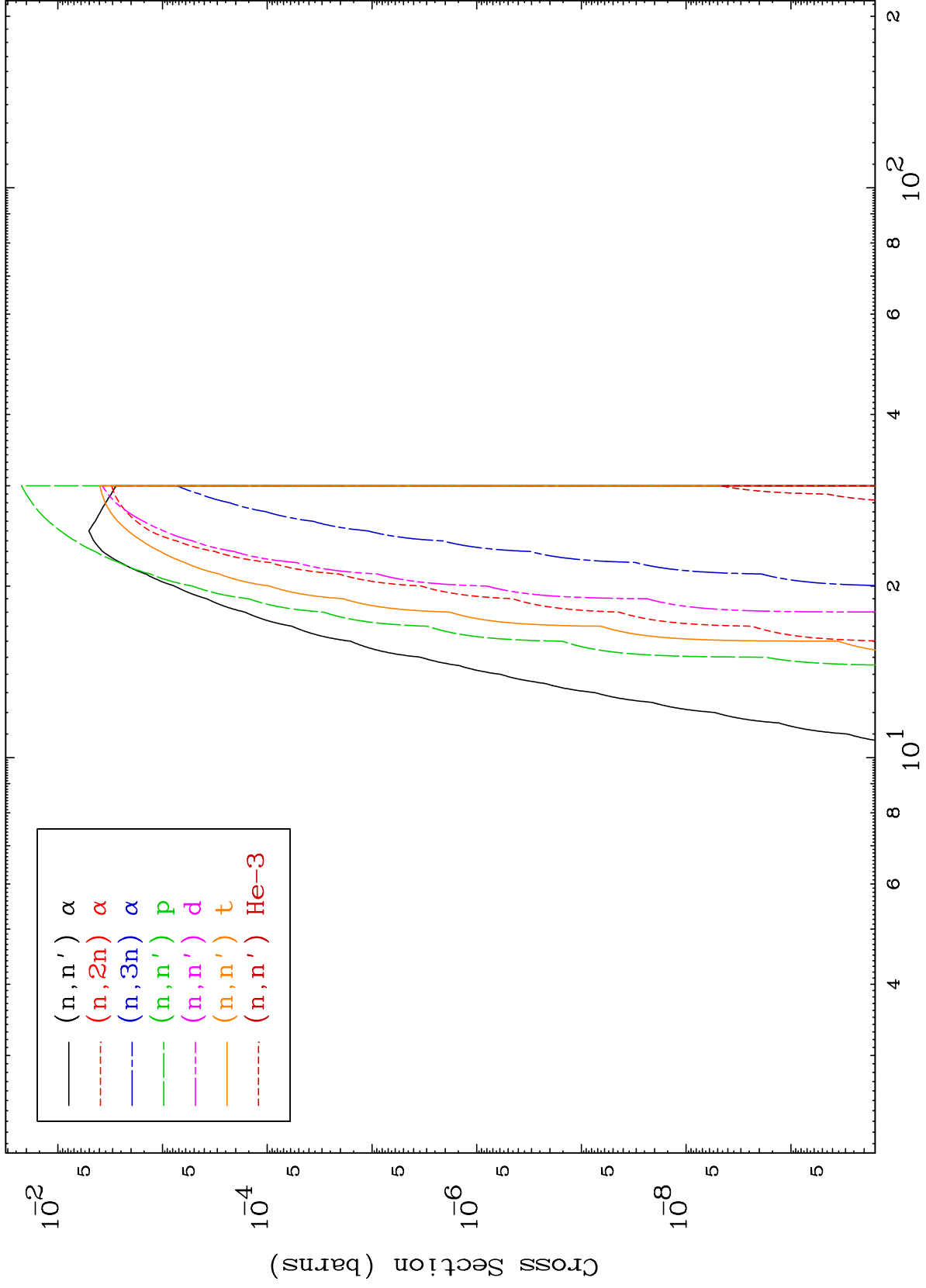
293 Kelvin Cross Sections

56-Ba-146





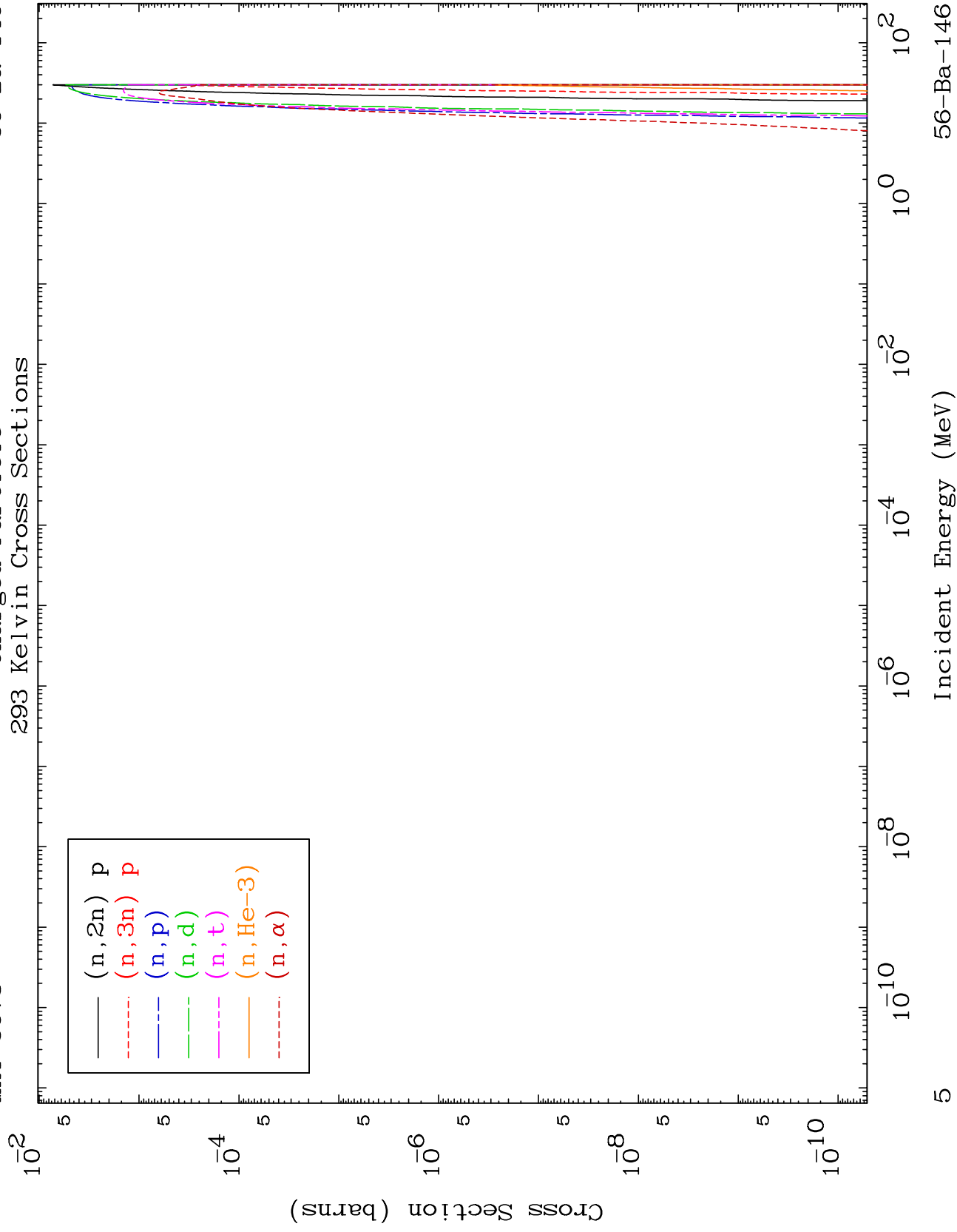




MAT 5673

Charged Particle
293 Kelvin Cross Sections

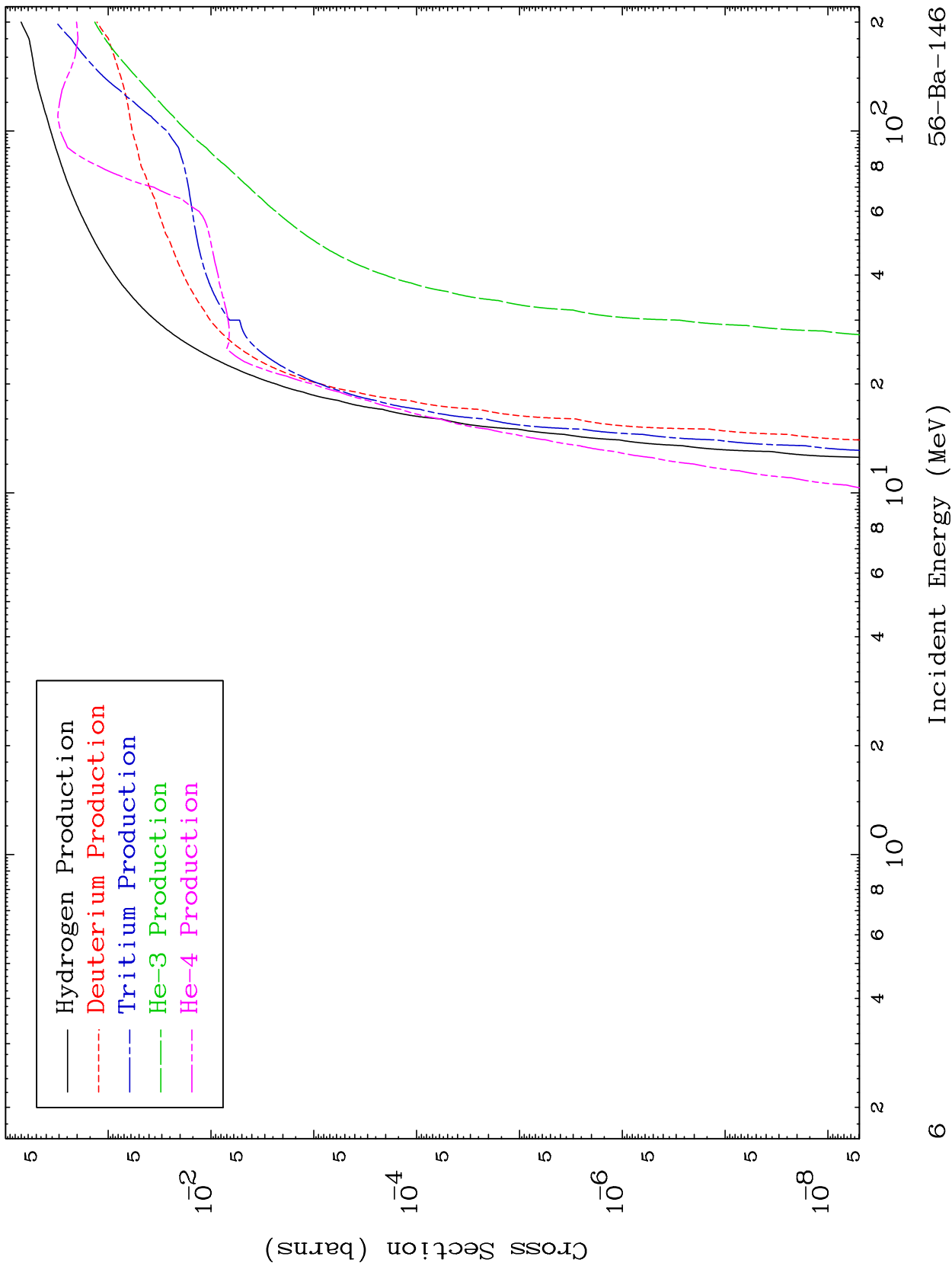
56-Ba-146



MAT 5673

Particle Production
293 Kelvin Cross Sections

56-Ba-146



56-Ba-146

Incident Energy (MeV)

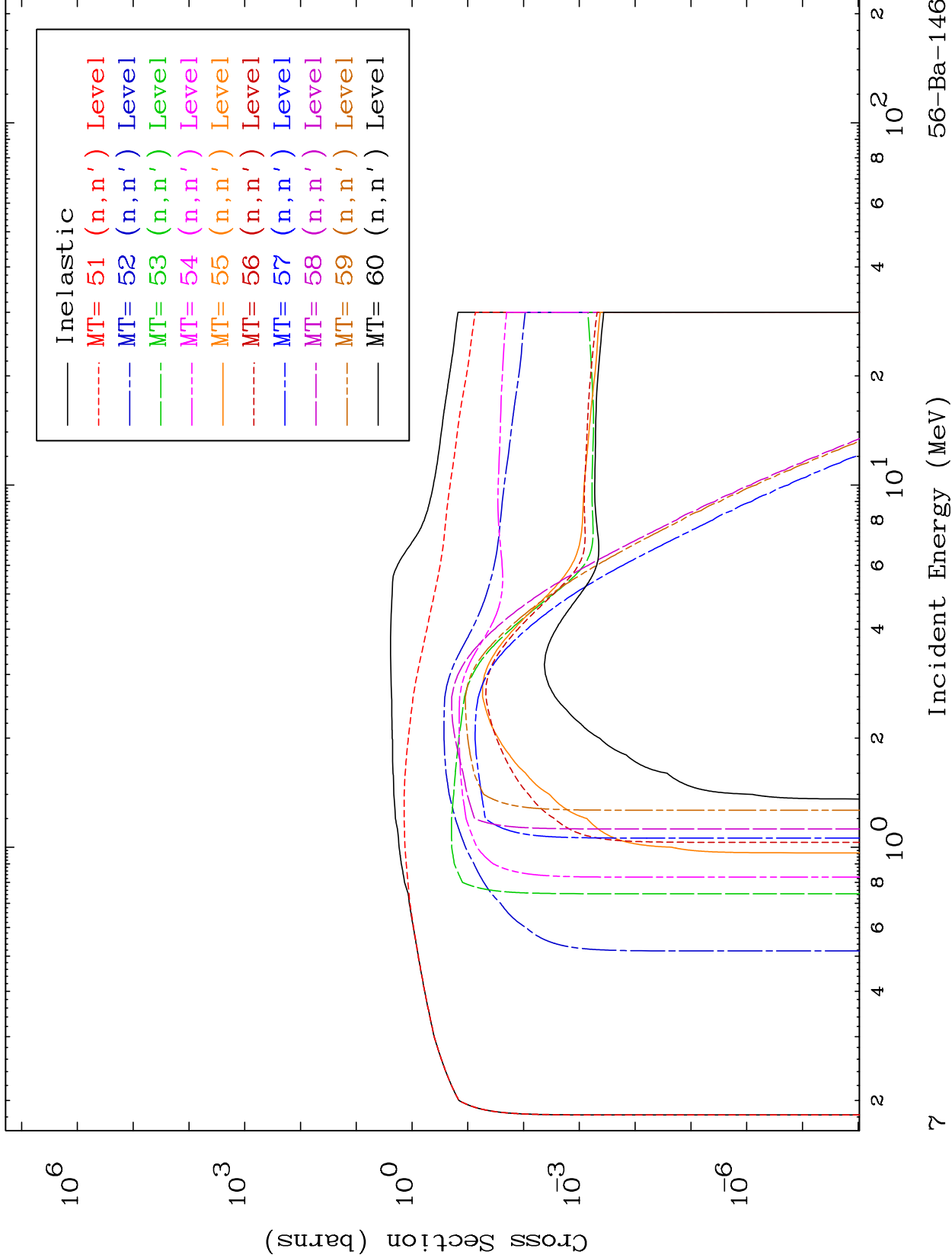
6

MAT 5673

(n,n') Level

56-Ba-146

293 Kelvin Cross Sections

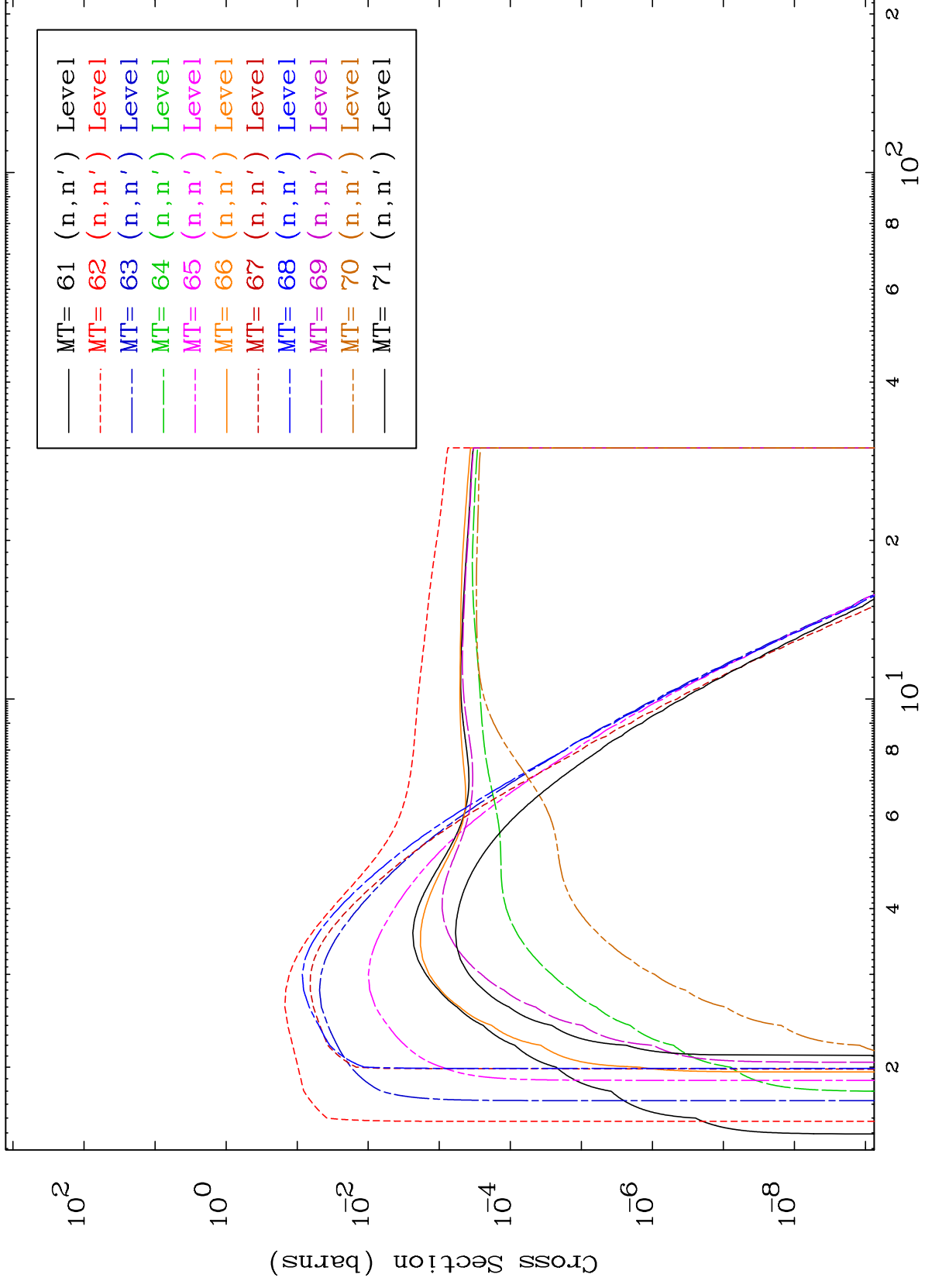


MAT 5673

(n,n') Level

293 Kelvin Cross Sections

56-Ba-146



8

Incident Energy (MeV)

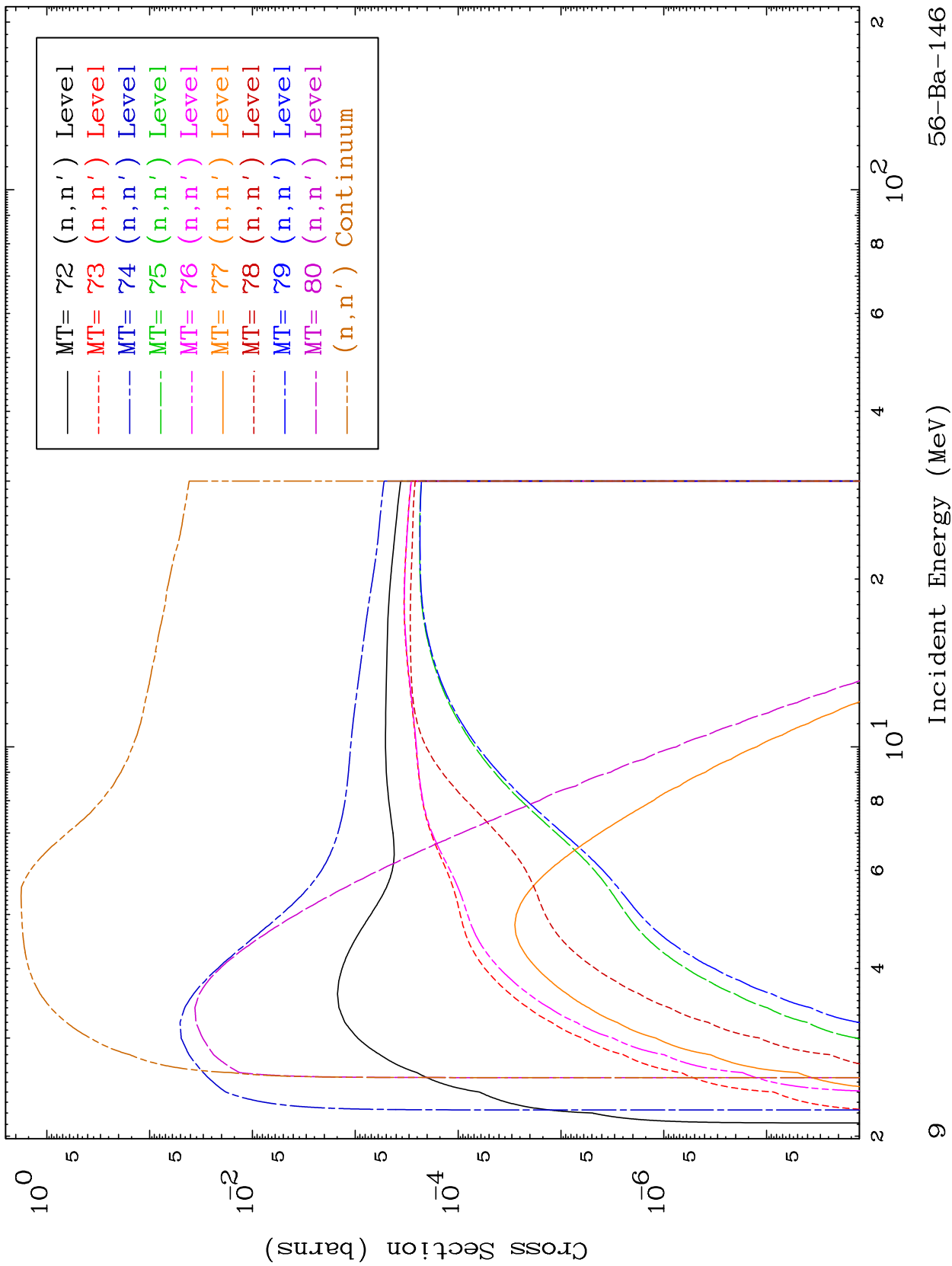
56-Ba-146

MAT 5673

(n,n') Level

56-Ba-146

293 Kelvin Cross Sections



9

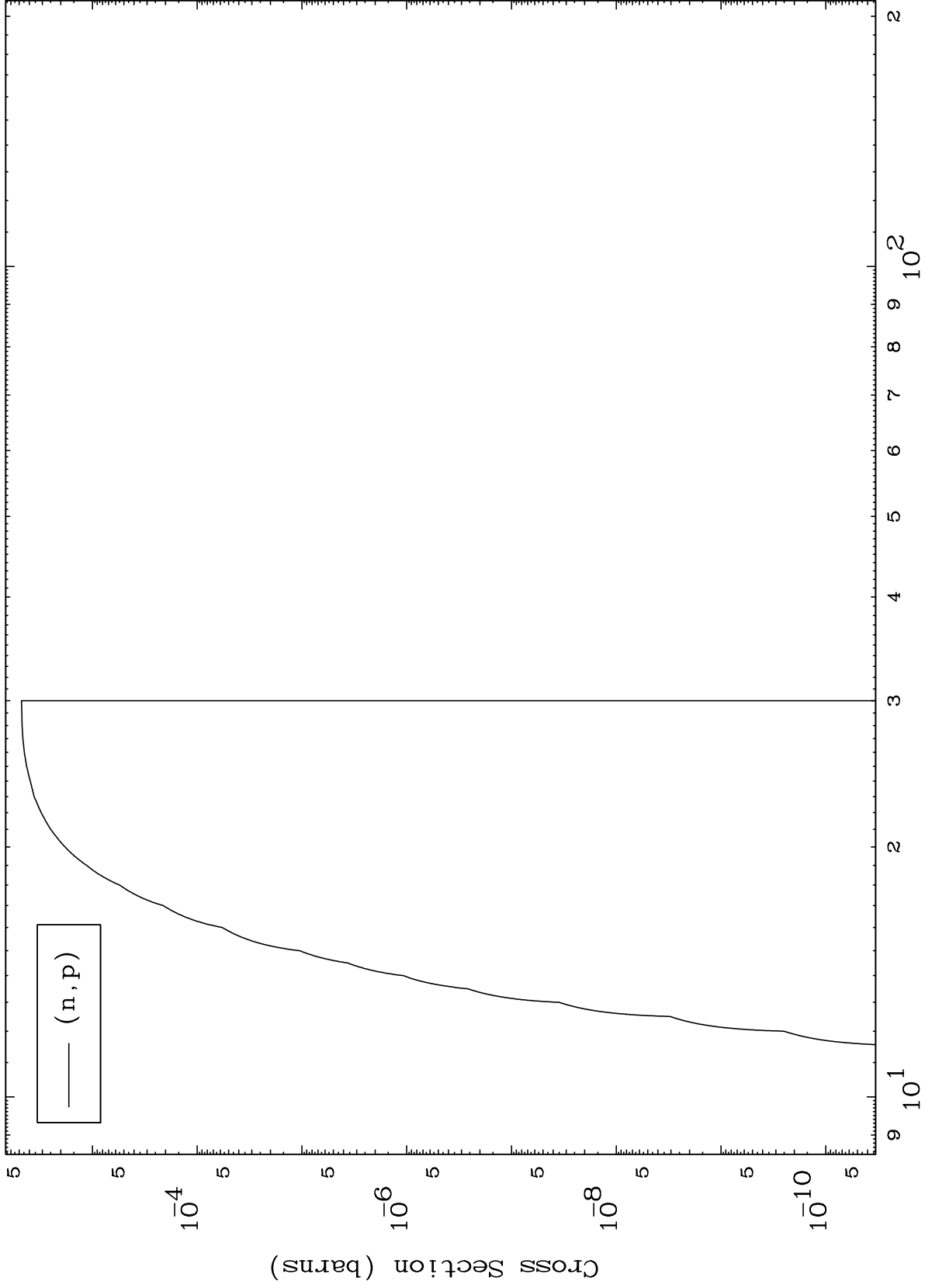
Incident Energy (MeV)

56-Ba-146

MAT 5673

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-146



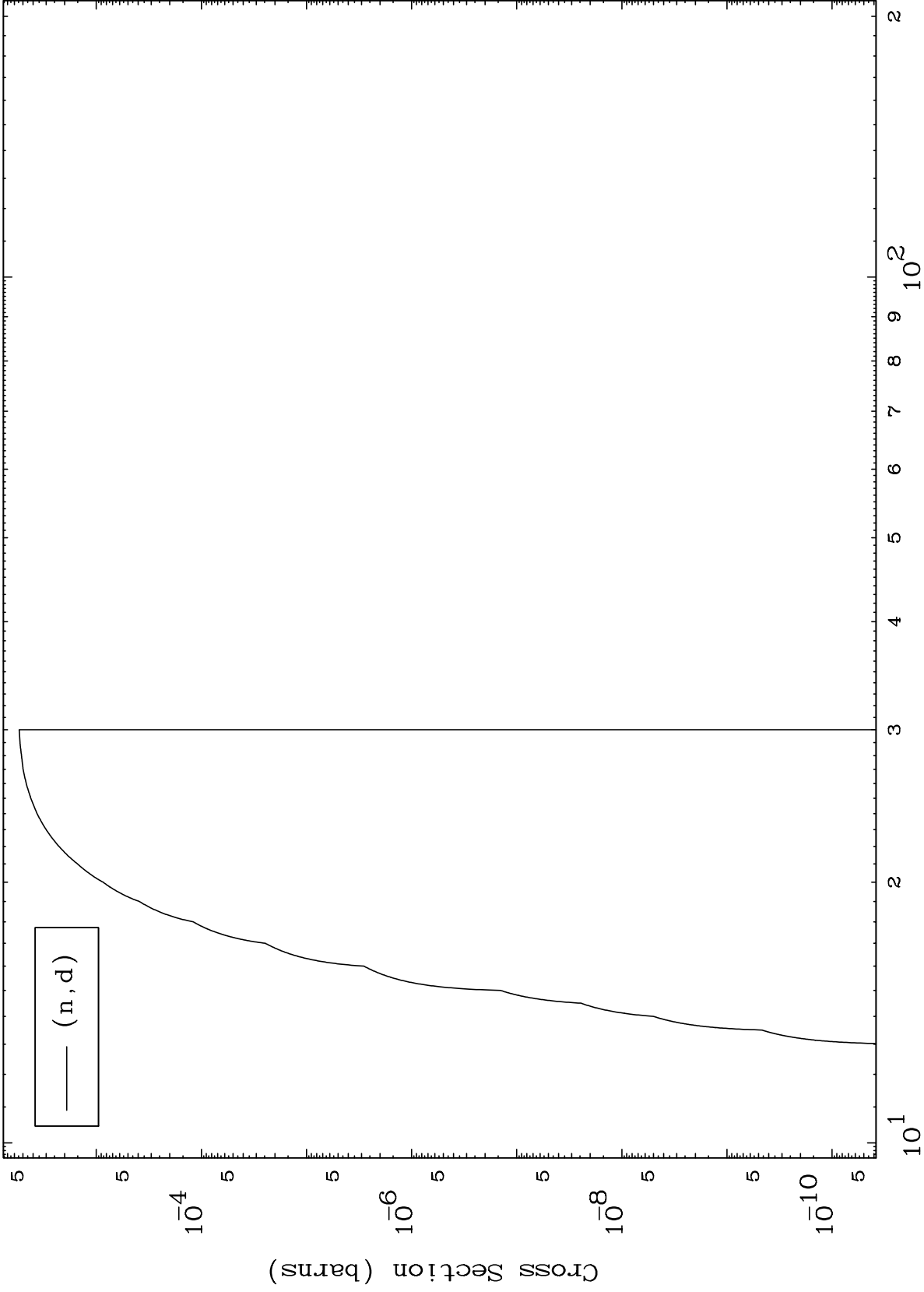
Incident Energy (MeV)

56-Ba-146

MAT 5673

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-146



Incident Energy (MeV)

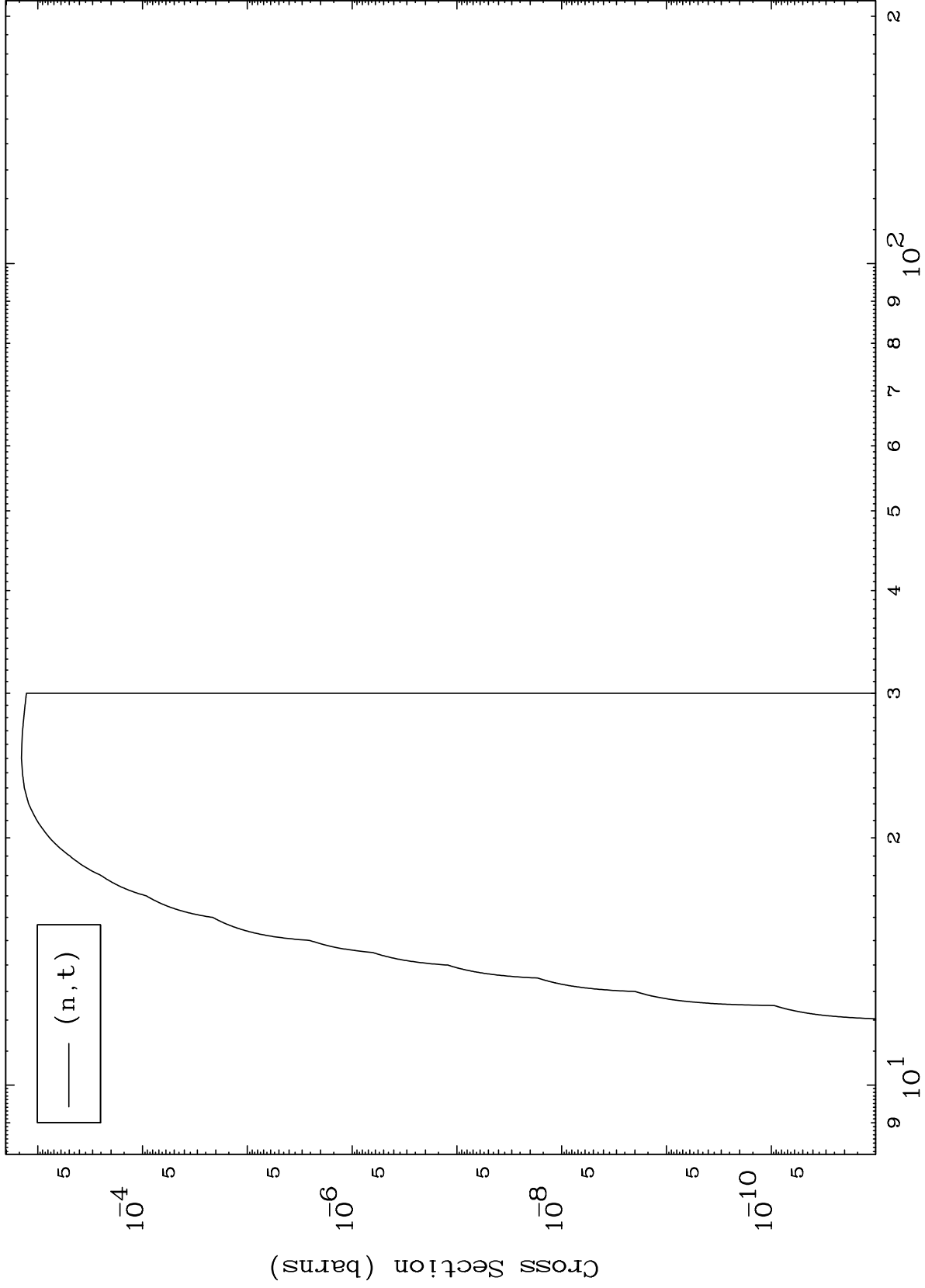
56-Ba-146

11

MAT 5673

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-146



12

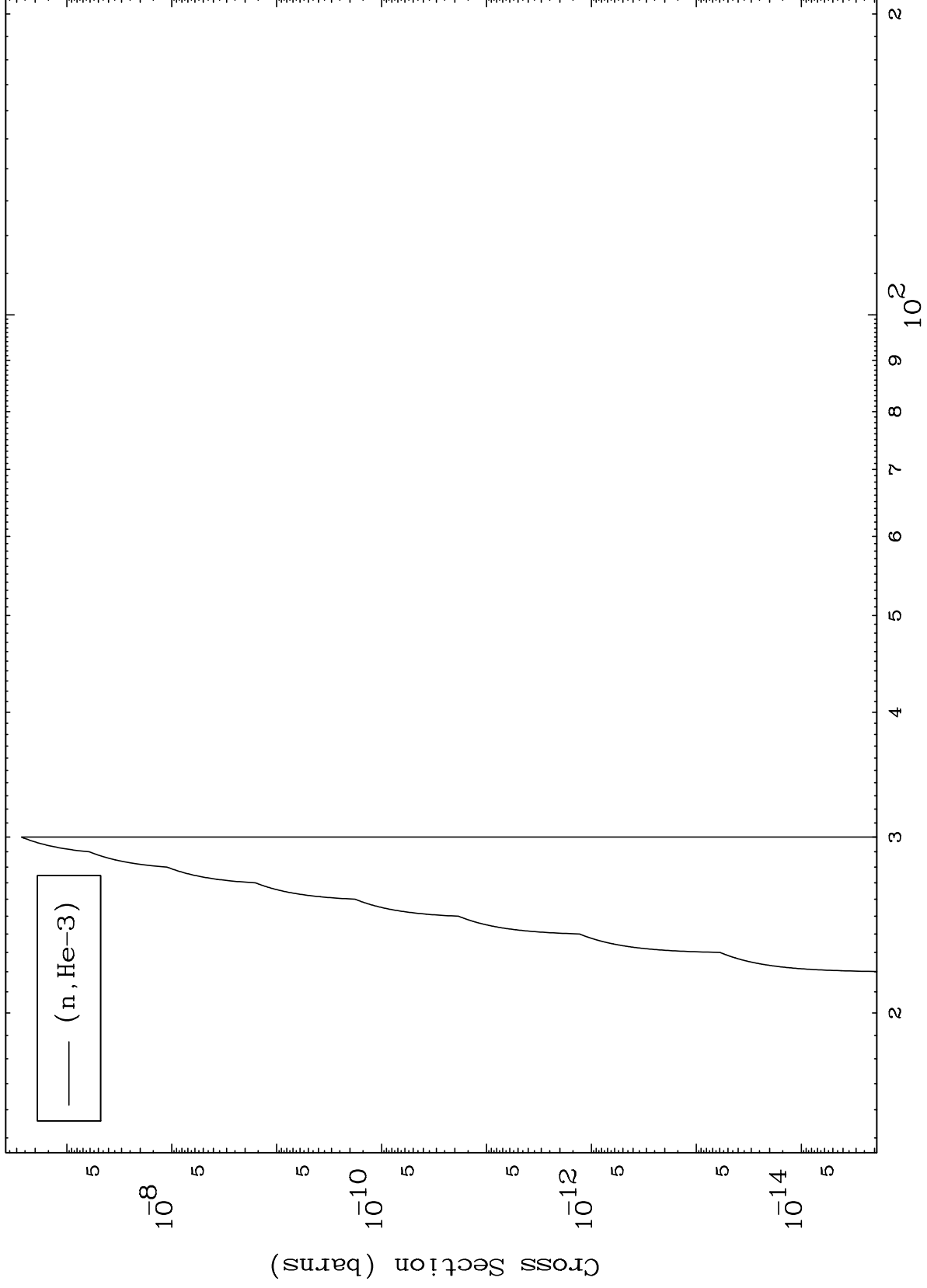
Incident Energy (MeV)

56-Ba-146

MAT 5673

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-146



13

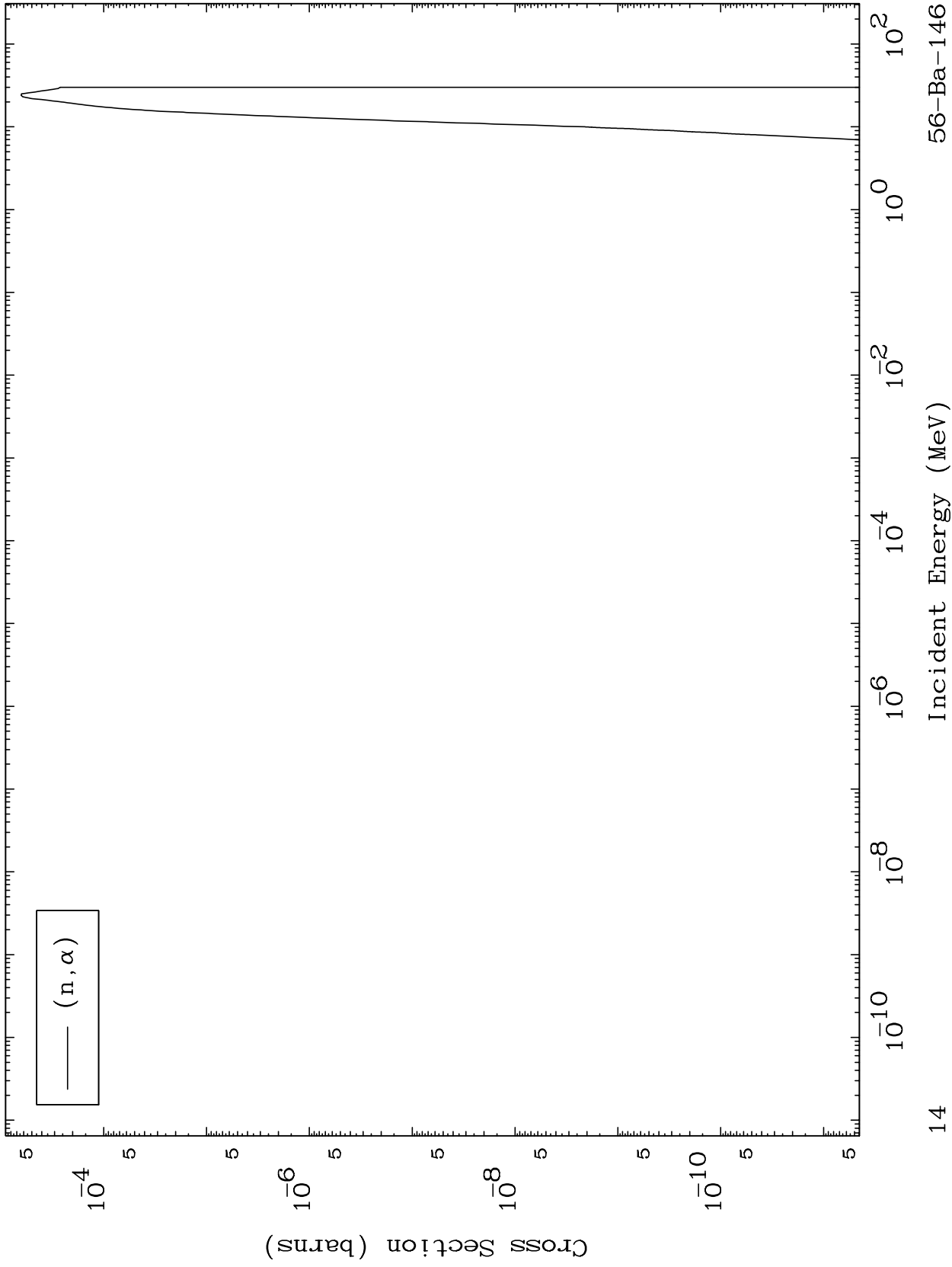
Incident Energy (MeV)

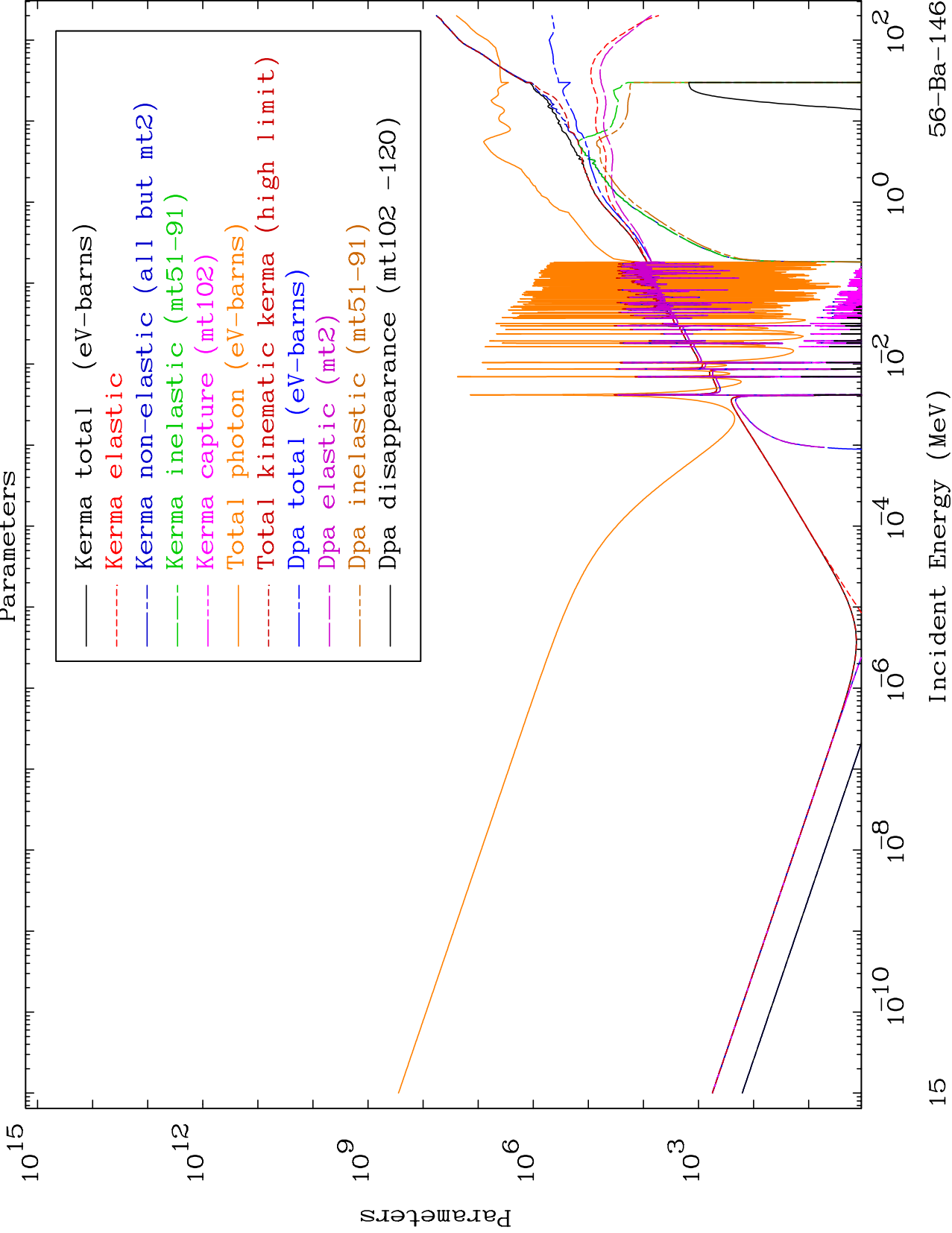
56-Ba-146

MAT 5673

(n, α) Levels
293 Kelvin Cross Sections

56-Ba-146

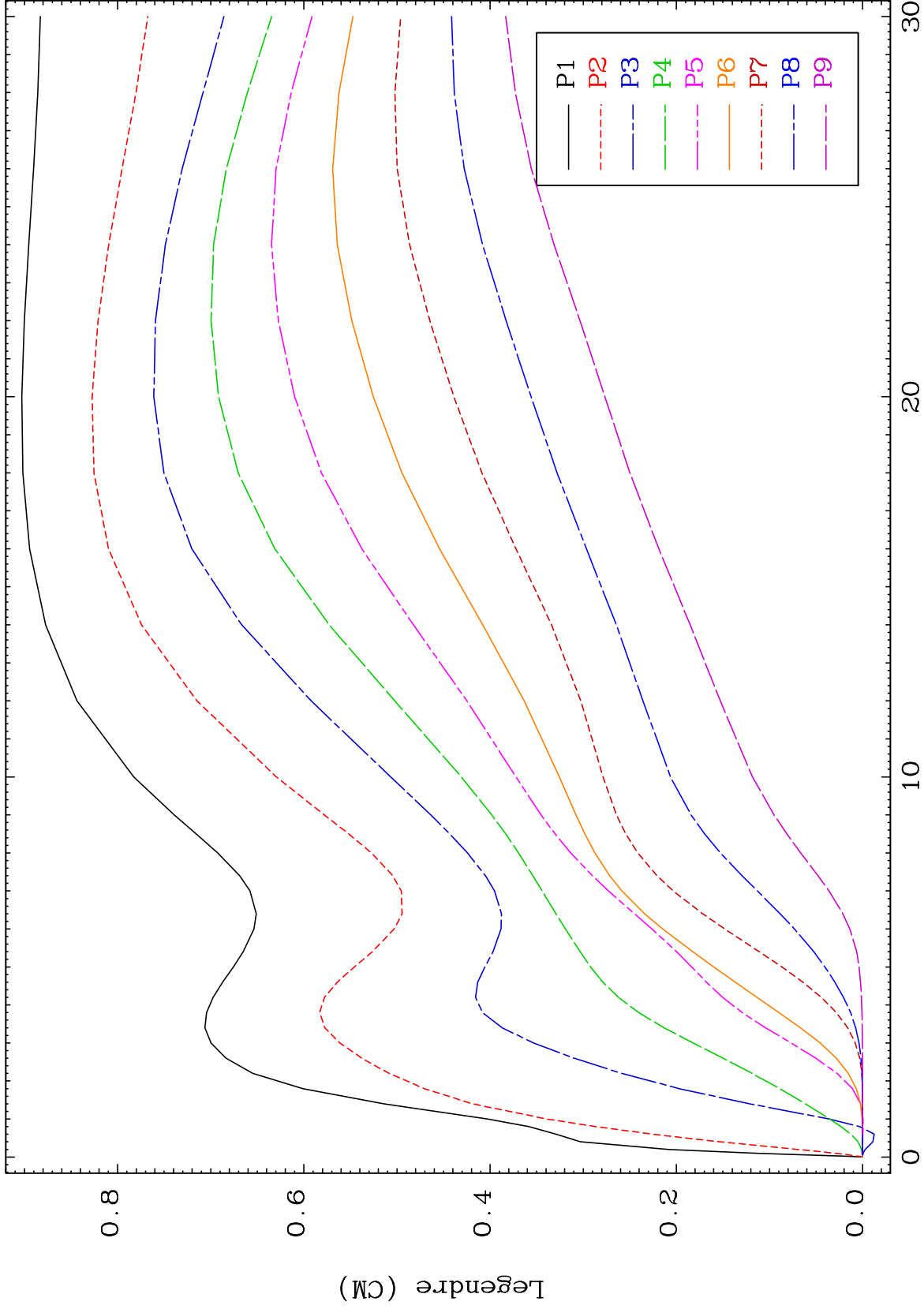




MAT 5673

Elastic Legendre Coefficients

56-Ba-146



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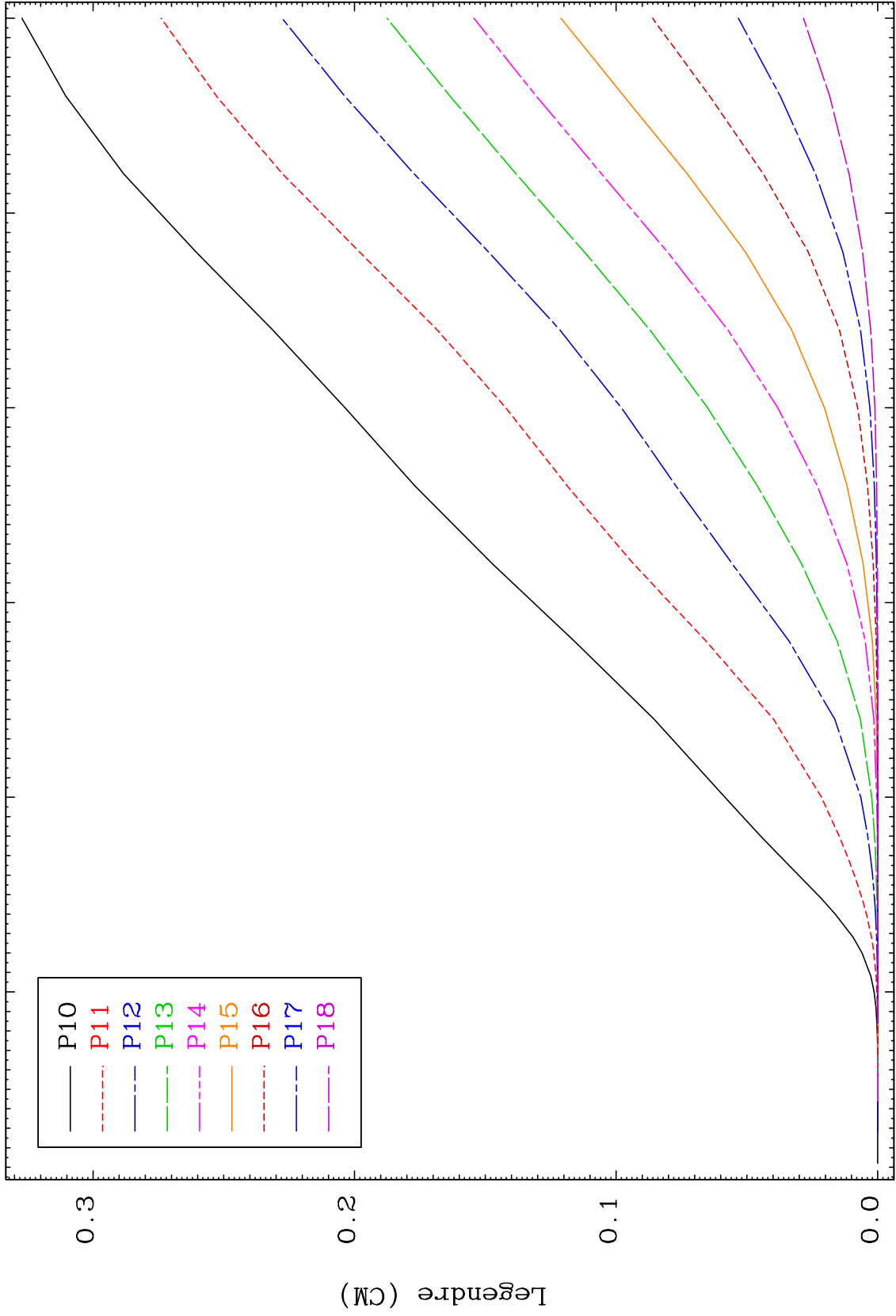
Incident Energy (MeV)

56-Ba-146

MAT 5673

Elastic Legendre Coefficients

56-Ba-146



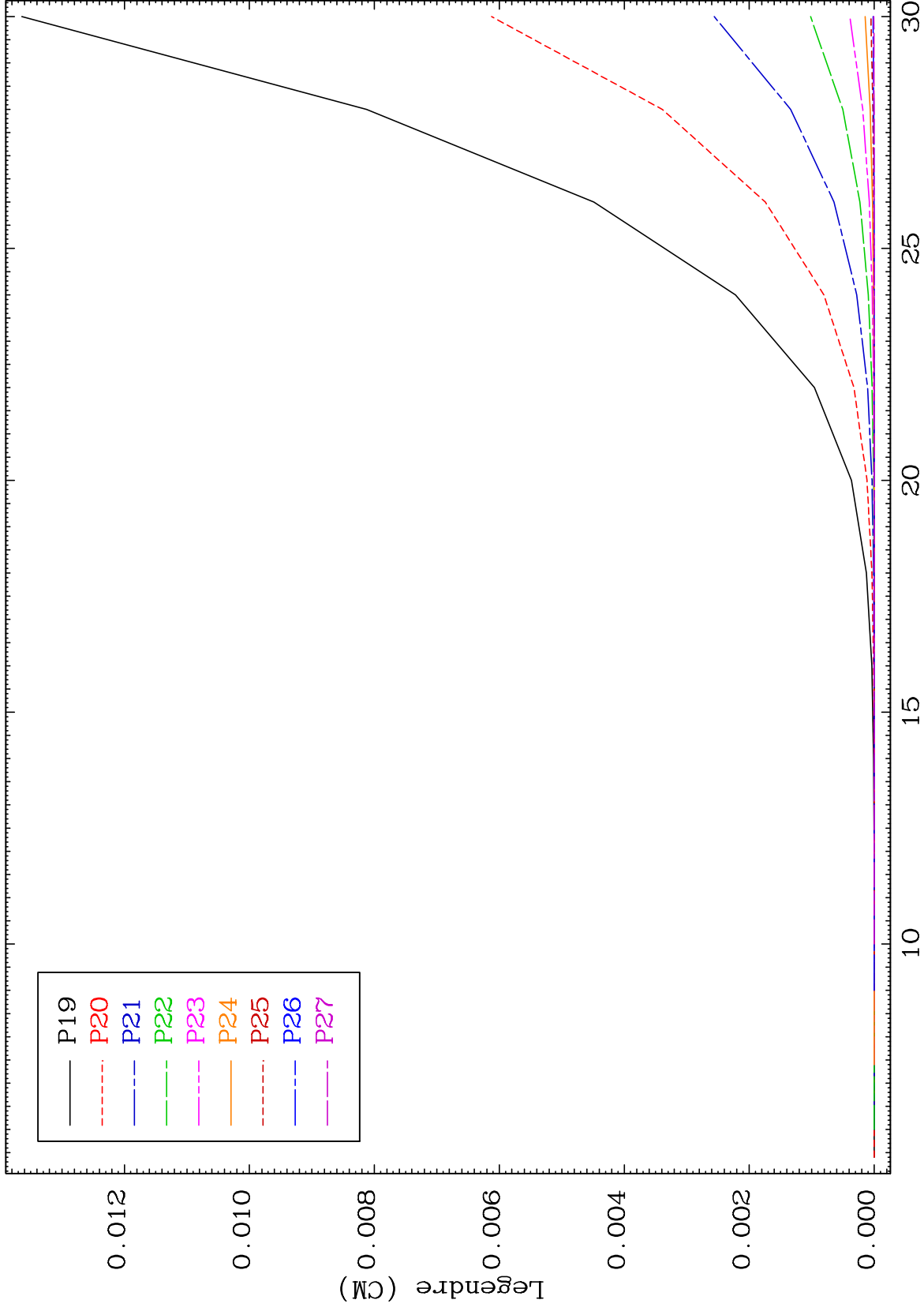
17

56-Ba-146

MAT 5673

Elastic Legendre Coefficients

56-Ba-146



18

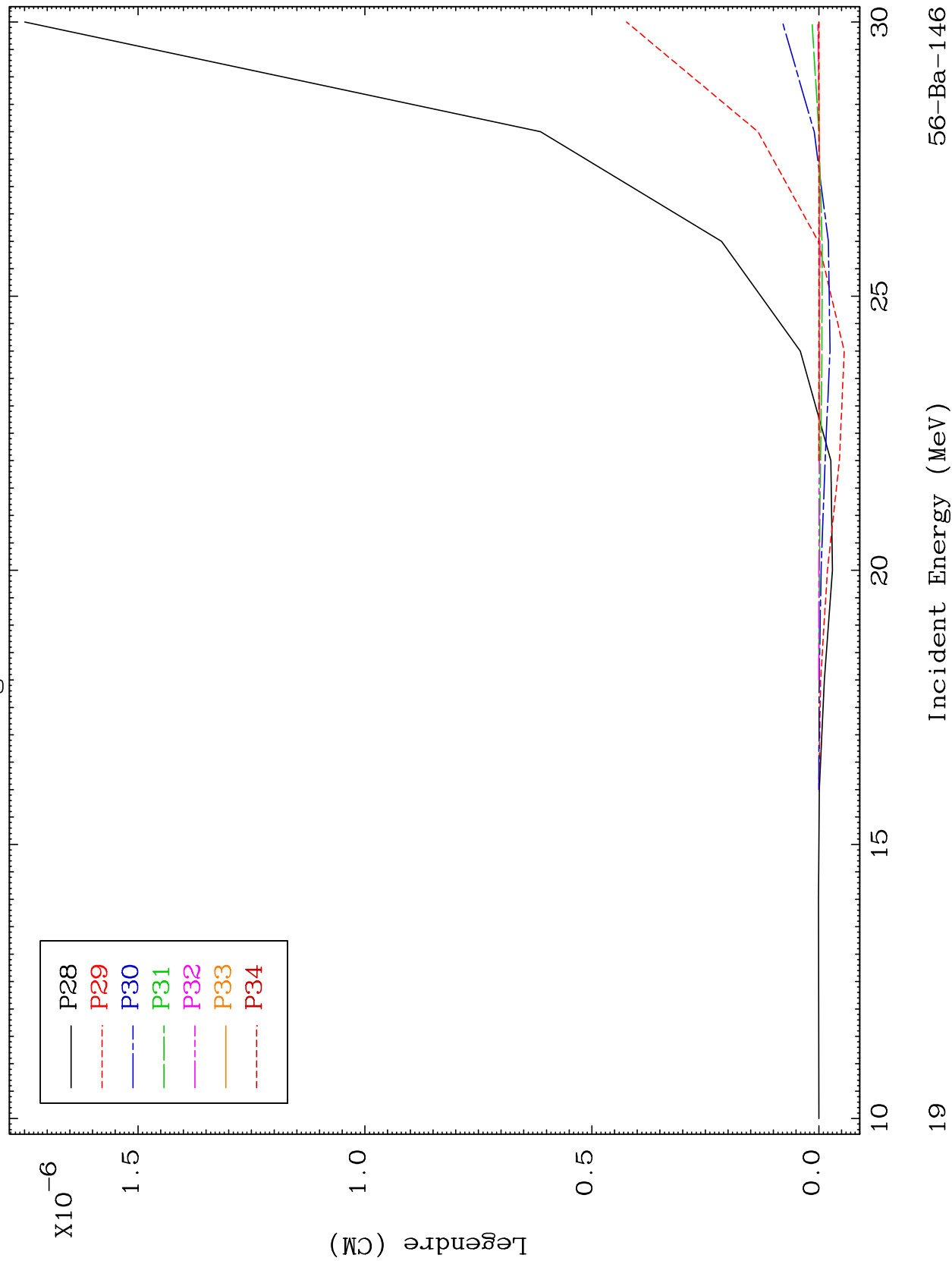
Incident Energy (MeV)

56-Ba-146

MAT 5673

Elastic Legendre Coefficients

56-Ba-146



19

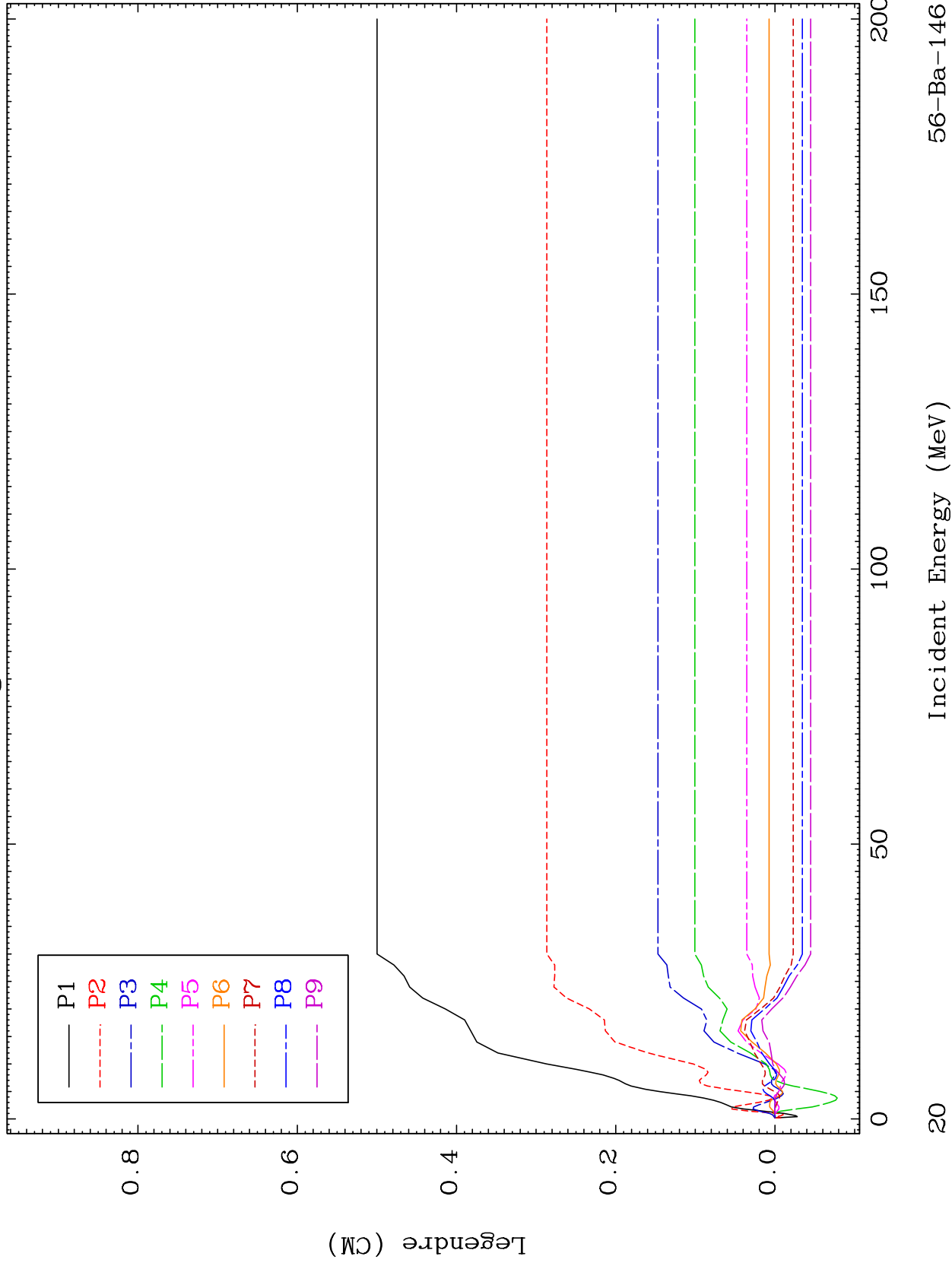
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

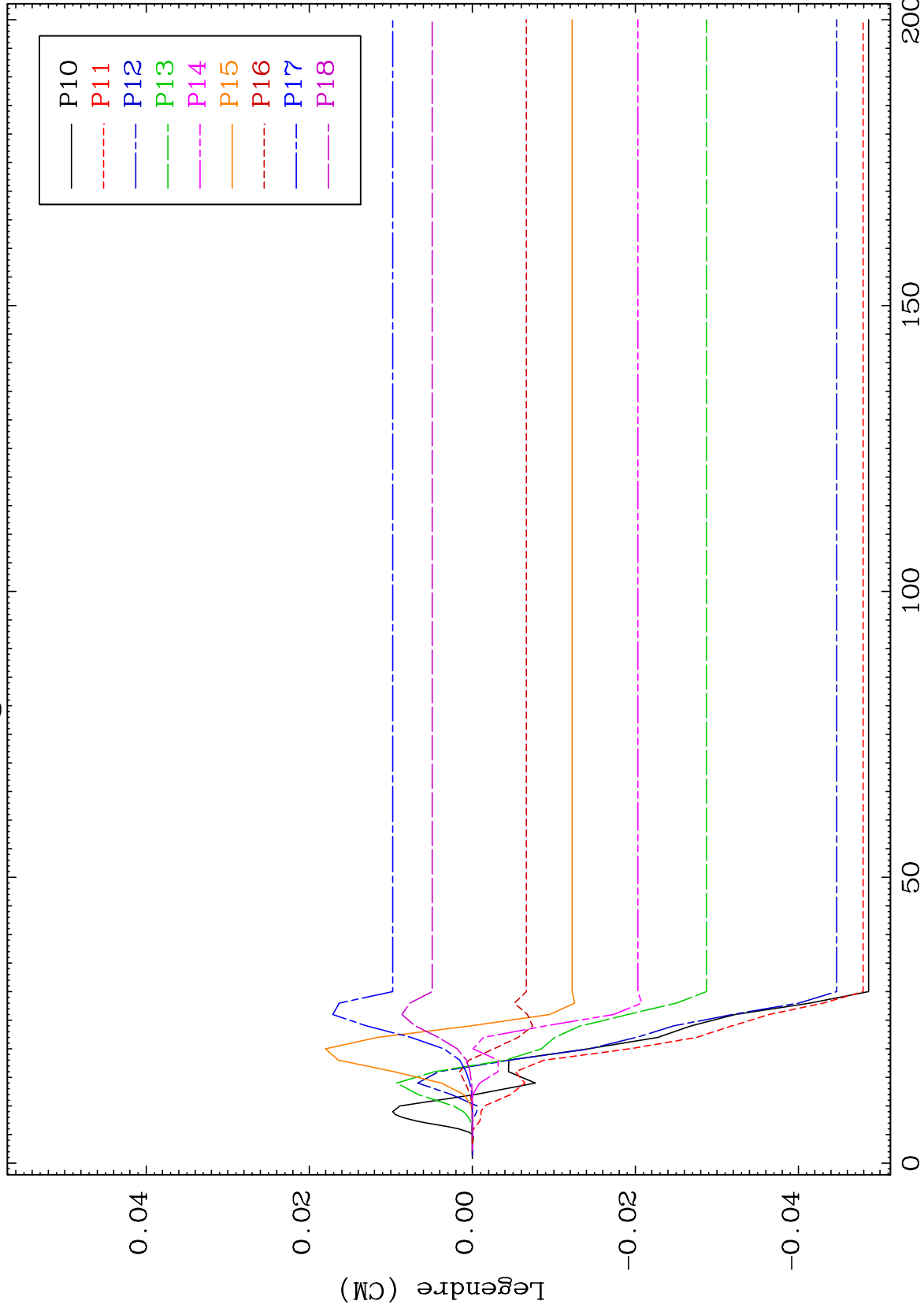
56-Ba-146



MAT 5673

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

56-Ba-146



21

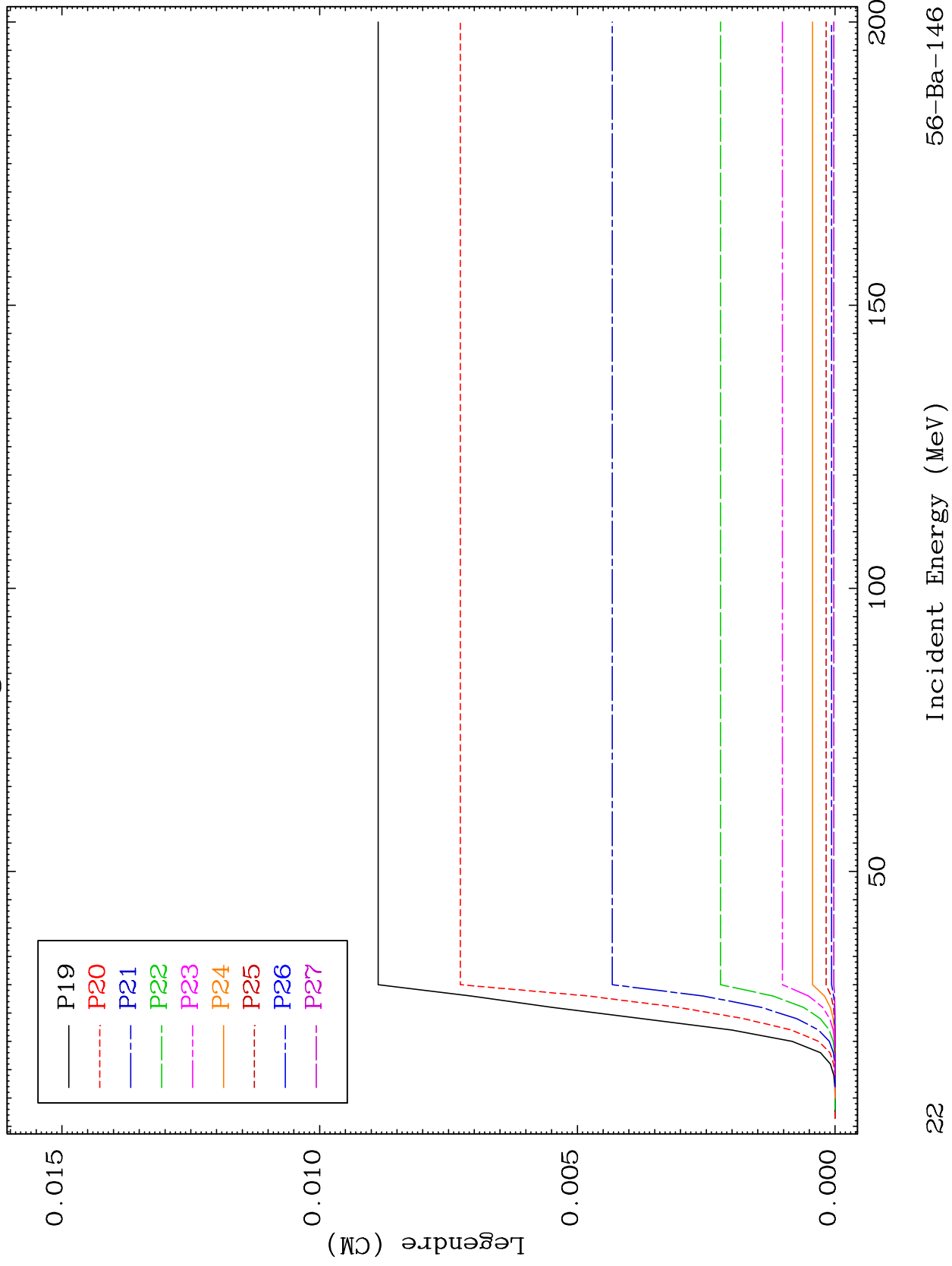
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

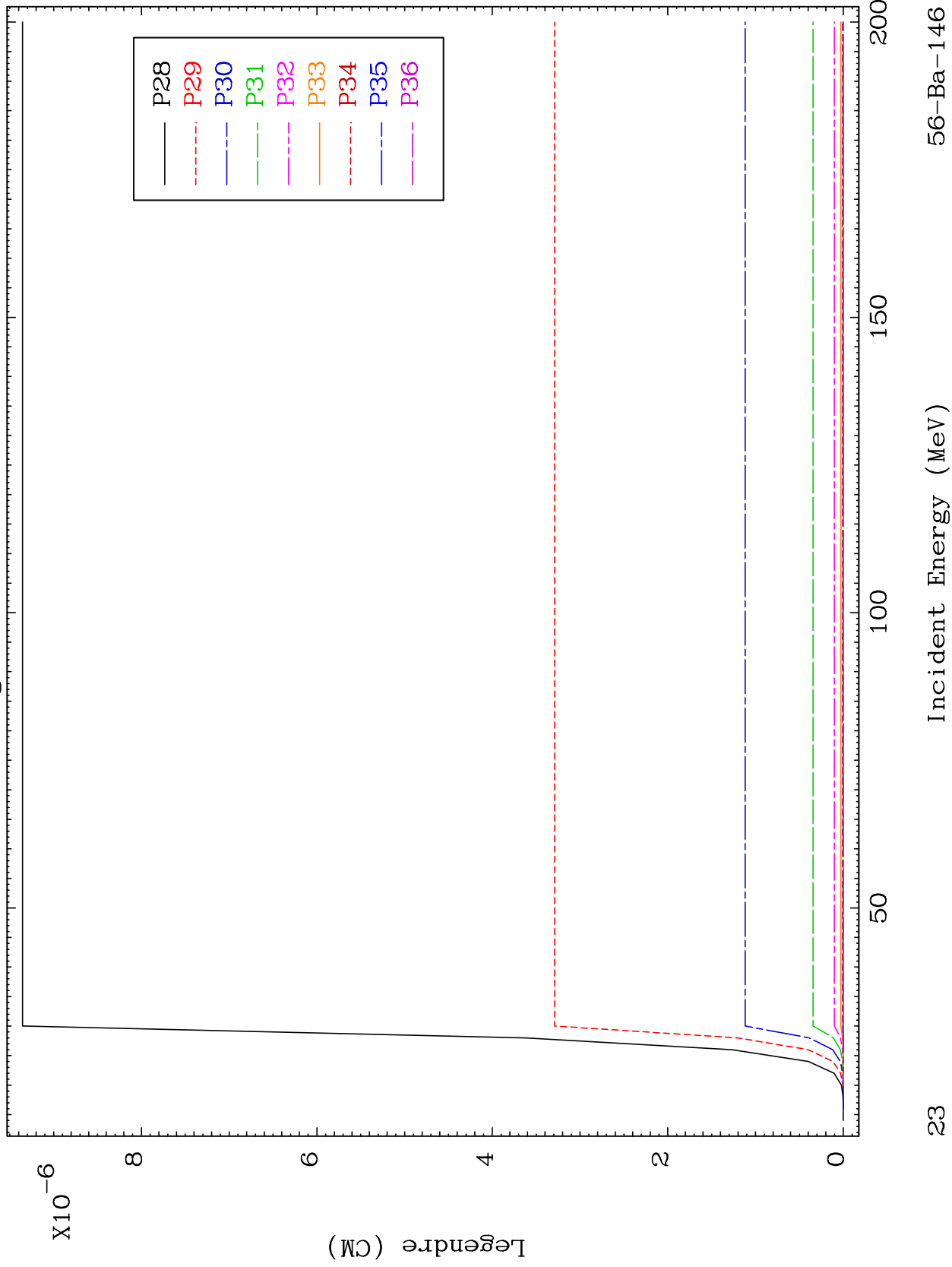
56-Ba-146



MAT 5673

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

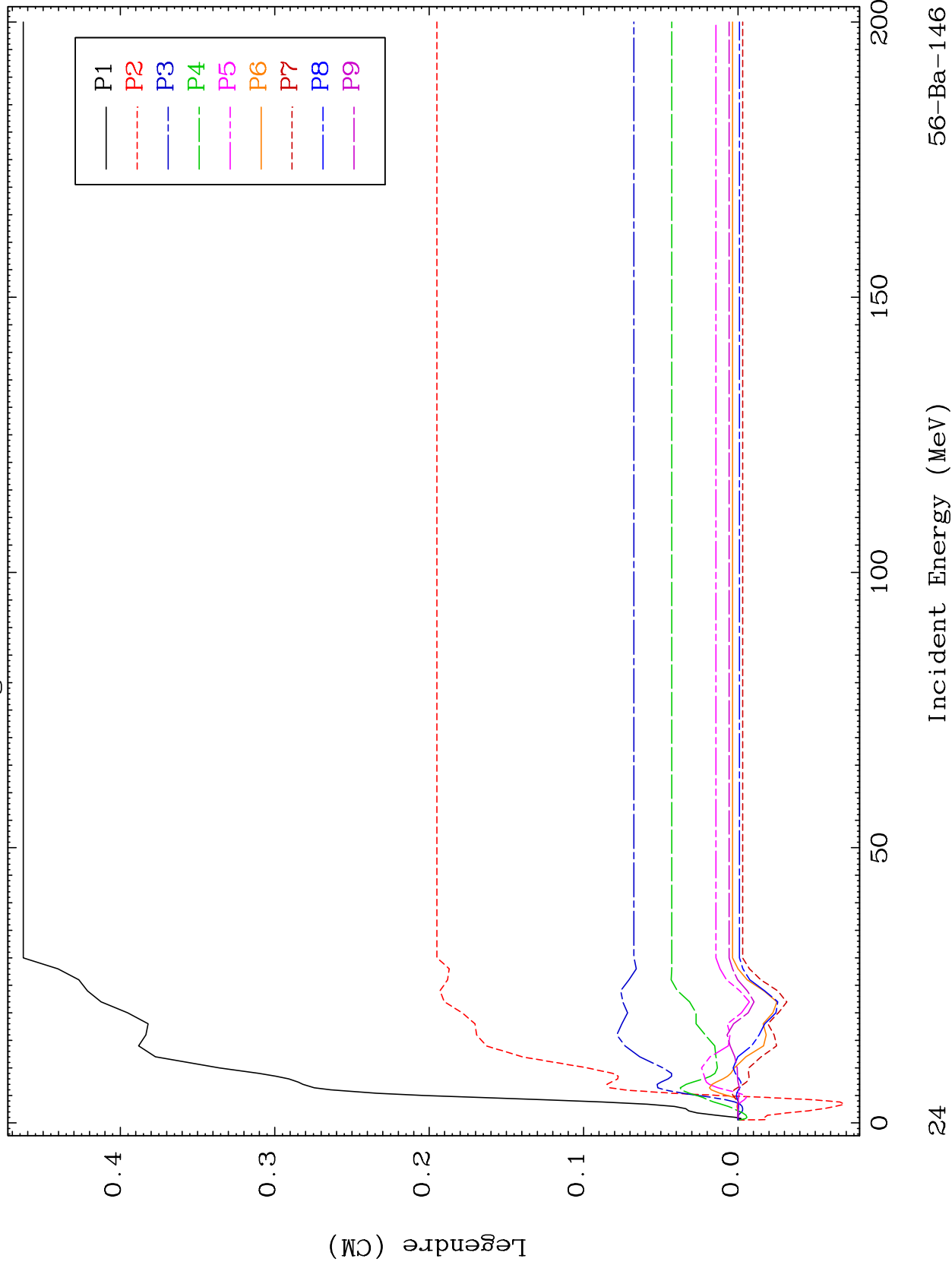
56-Ba-146



MAT 5673

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

56-Ba-146



56-Ba-146

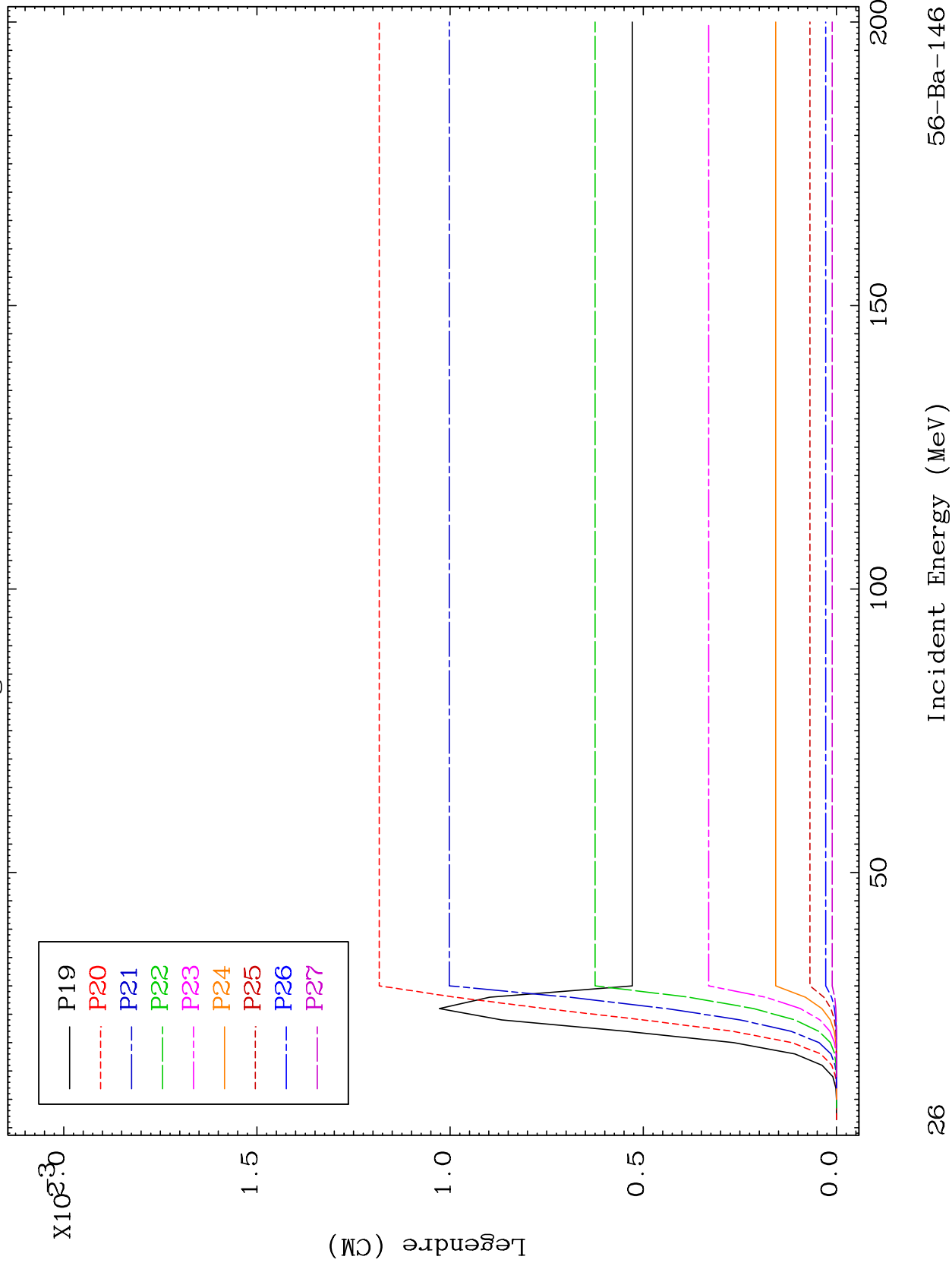
Incident Energy (MeV)

24

MAT 5673

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

56-Ba-146

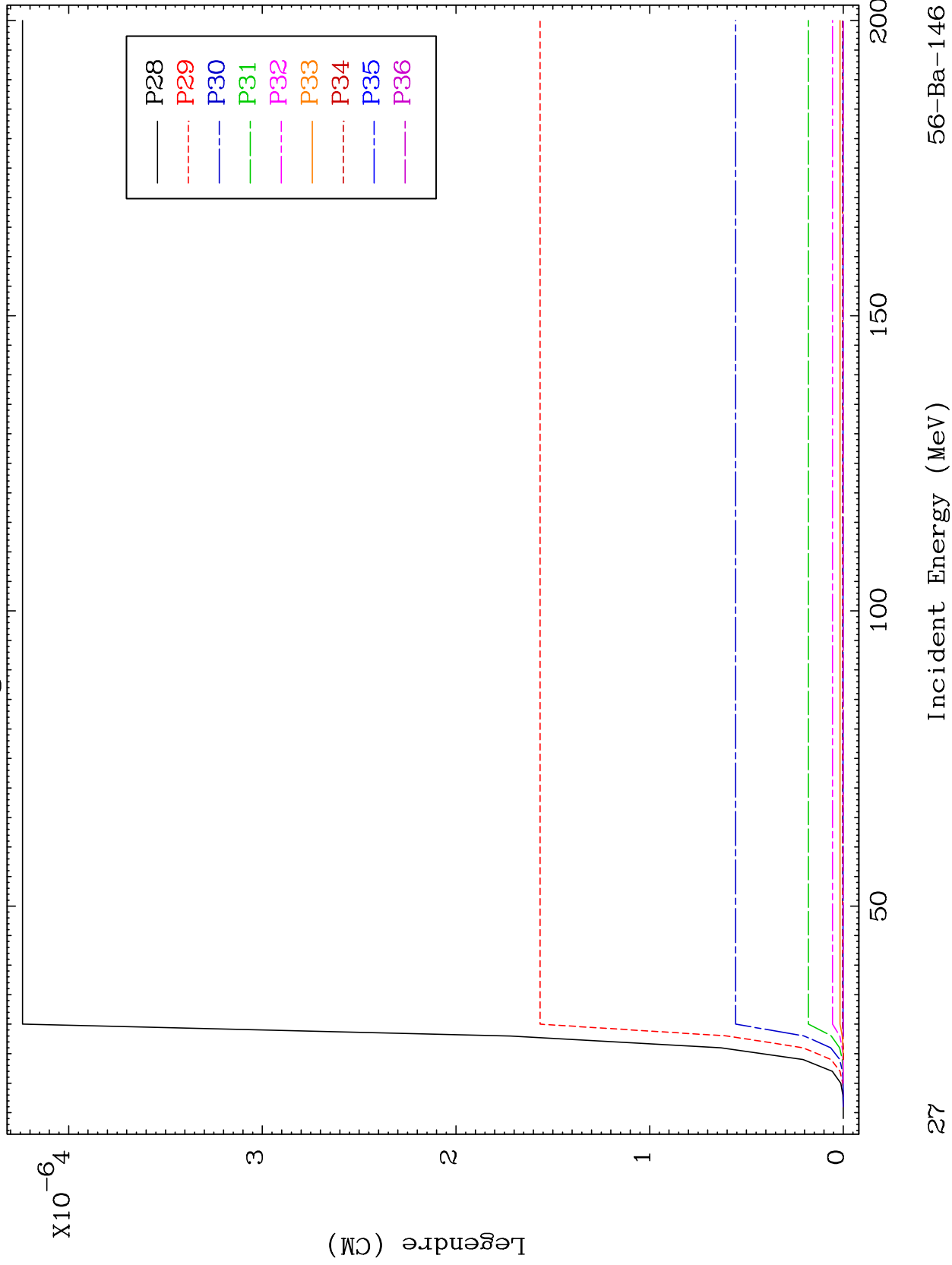


26

MAT 5673

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

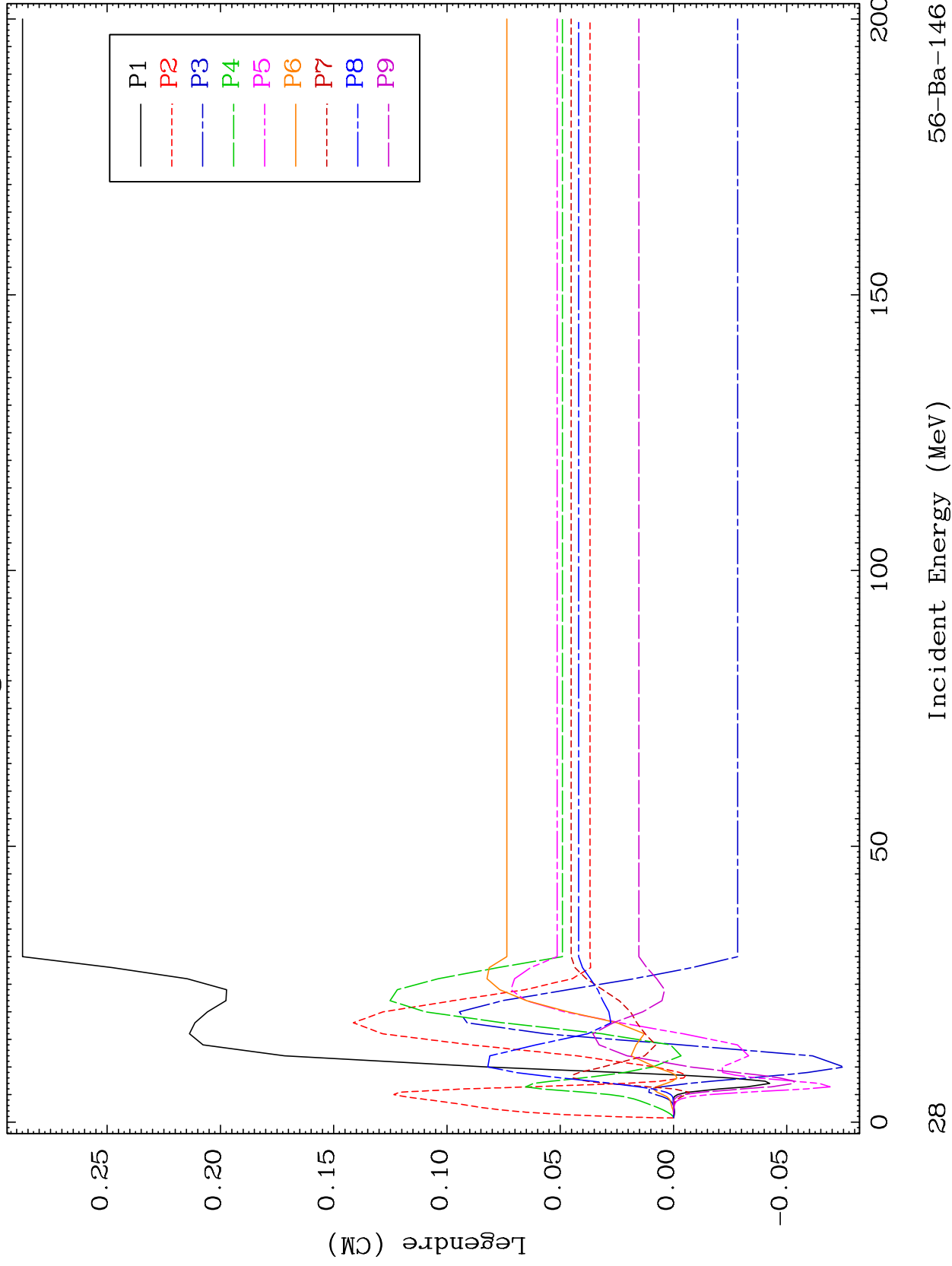
56-Ba-146



MAT 5673

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

56-Ba-146



56-Ba-146

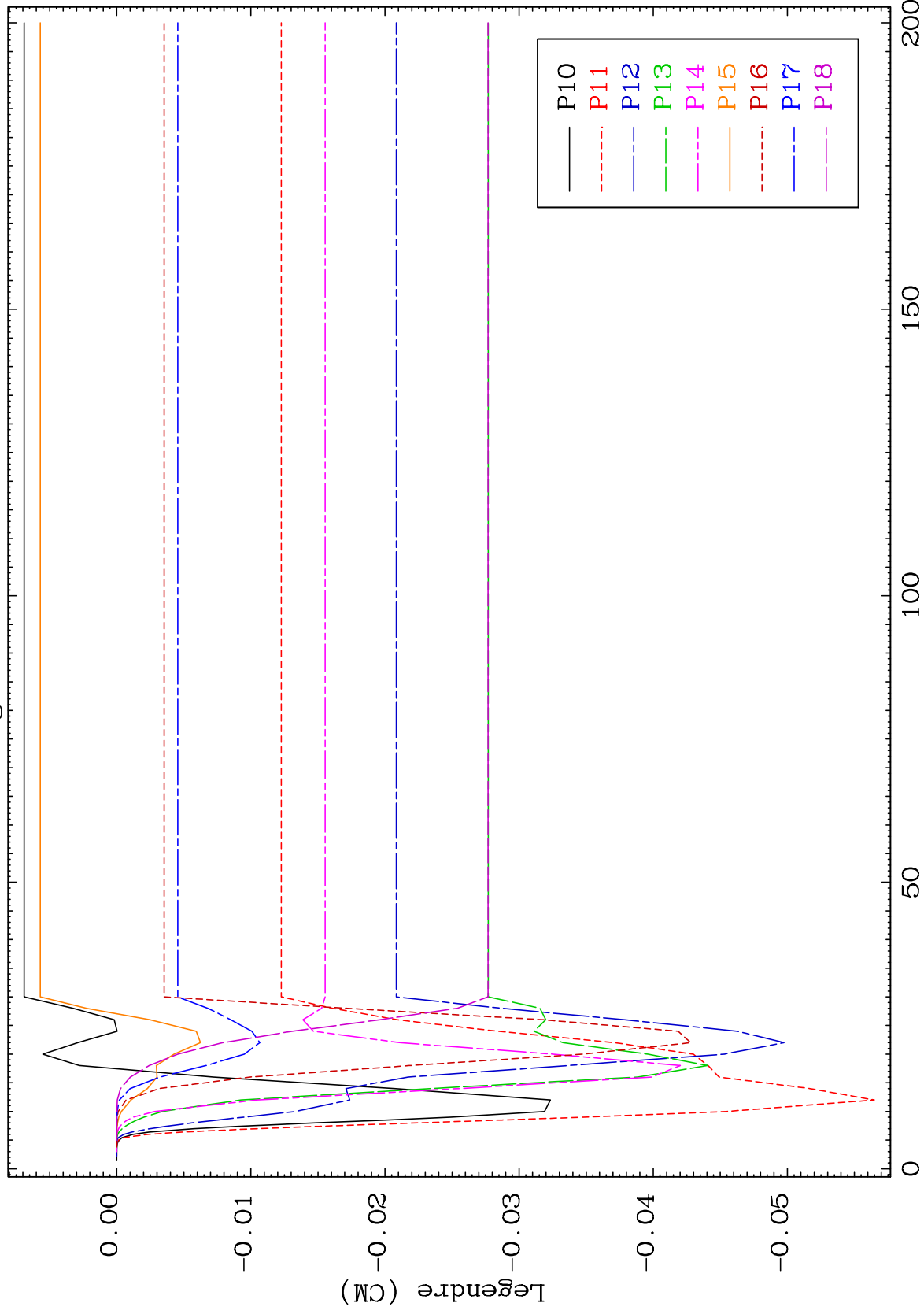
Incident Energy (MeV)

28

MAT 5673

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

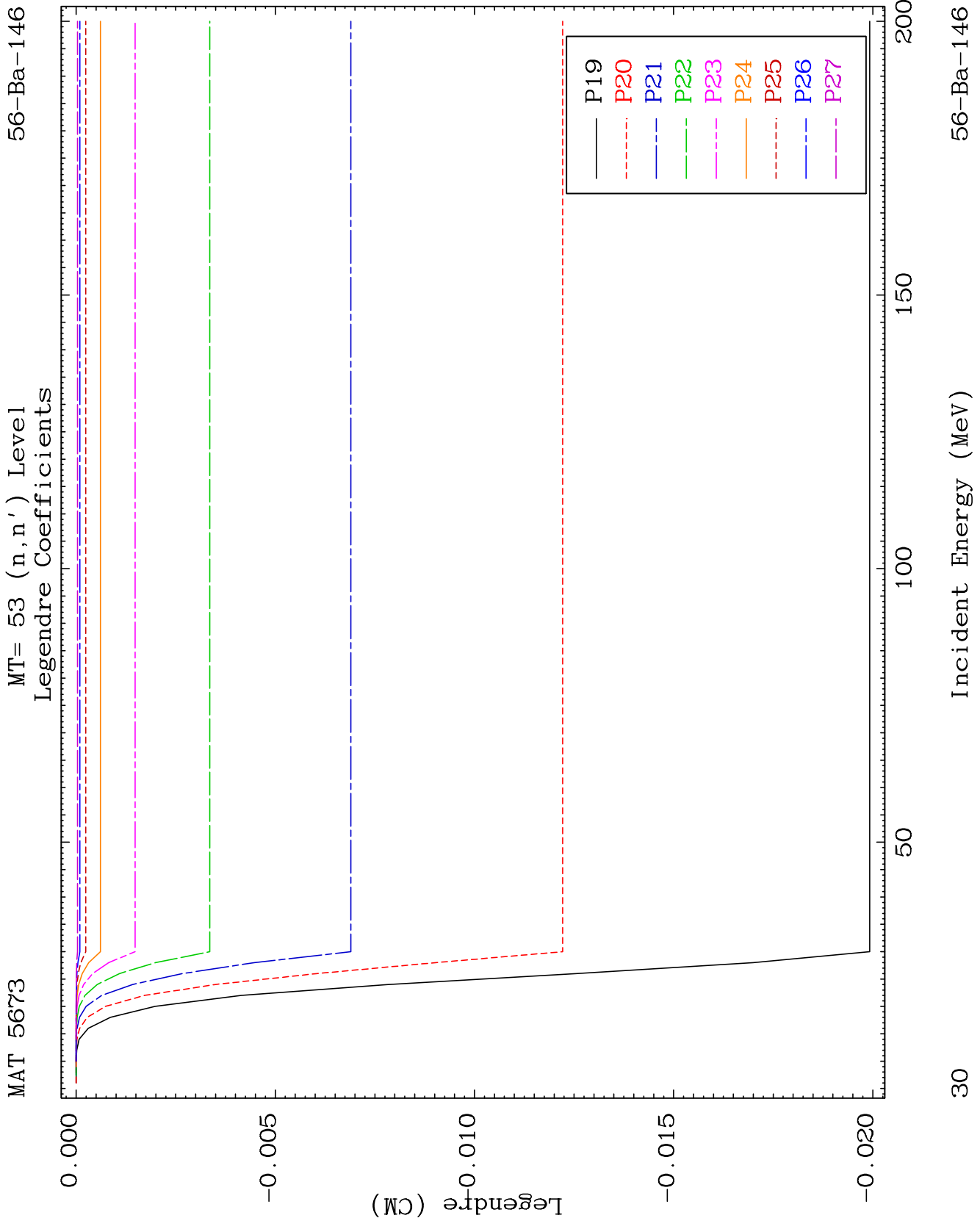
56-Ba-146

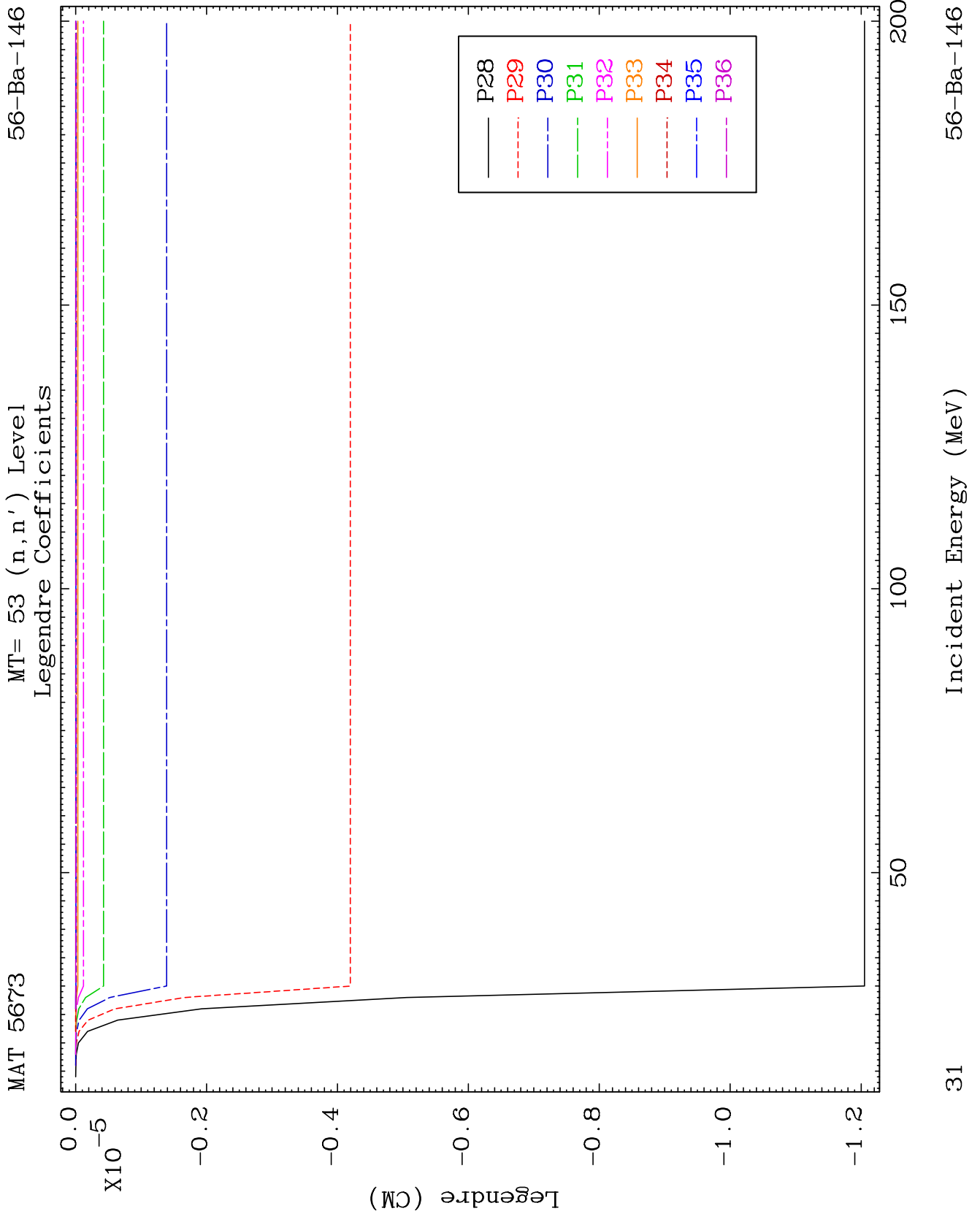


29

Incident Energy (MeV)

56-Ba-146

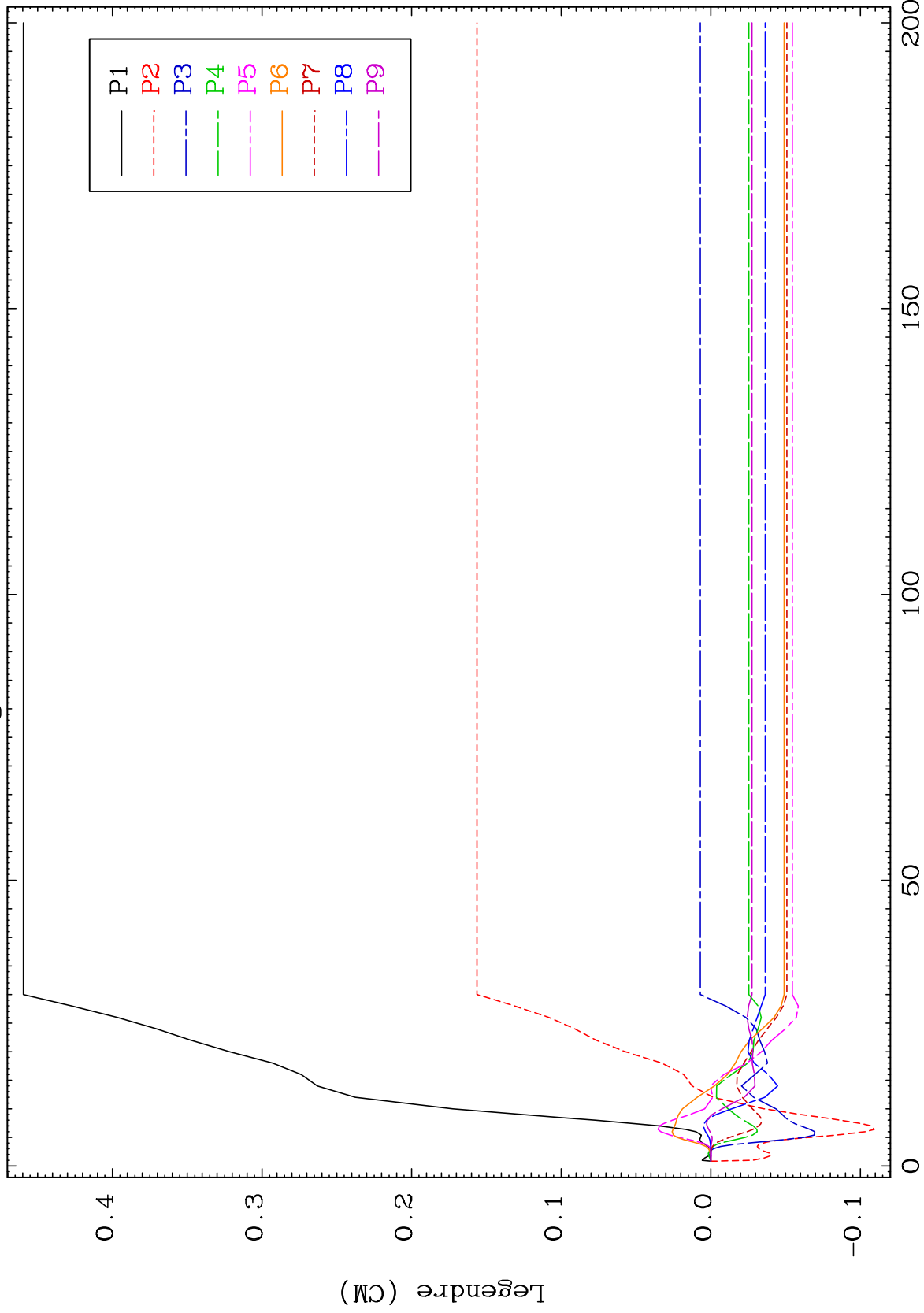




MAT 5673

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

56-Ba-146



56-Ba-146

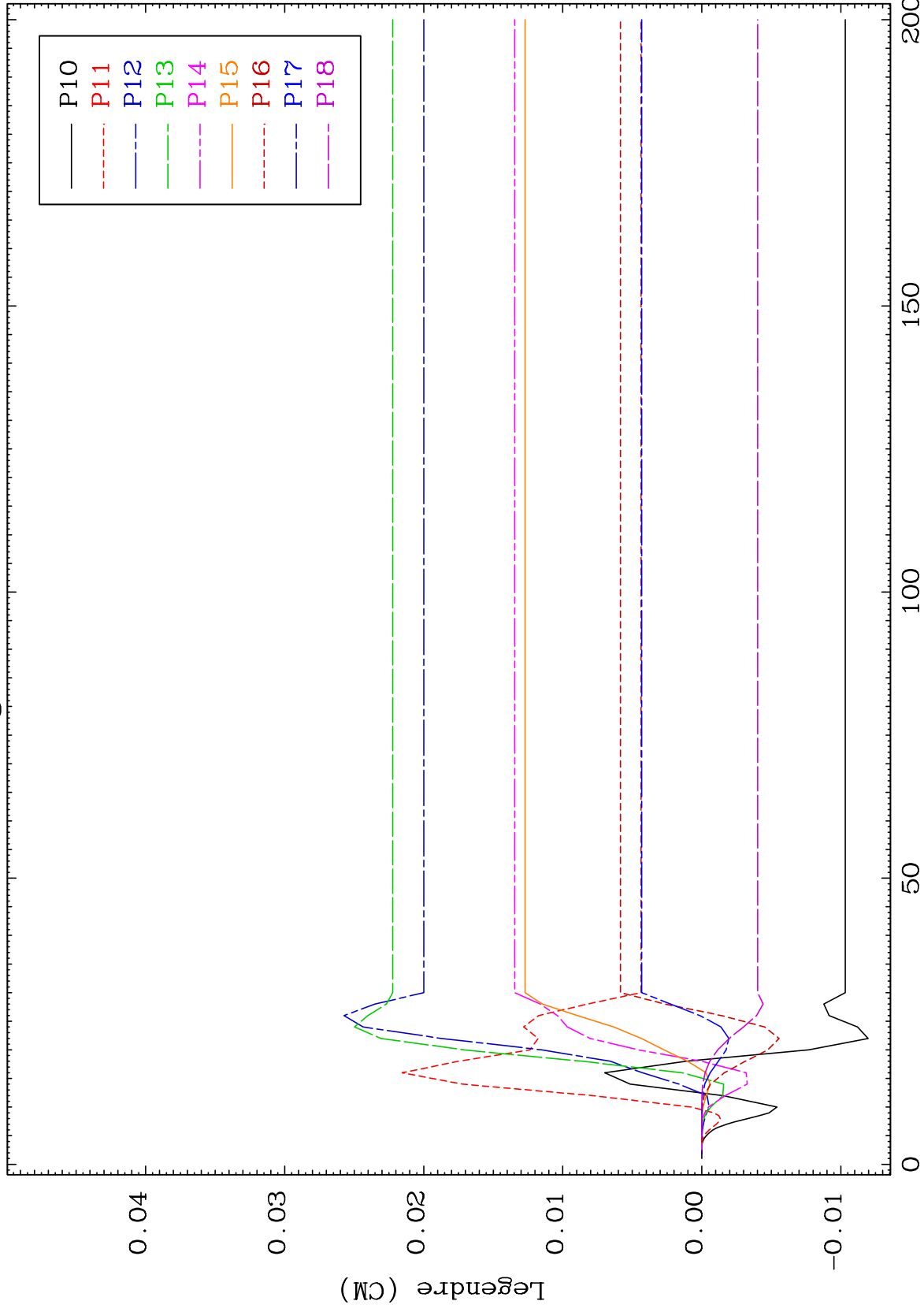
Incident Energy (MeV)

32

MAT 5673

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

56-Ba-146



33

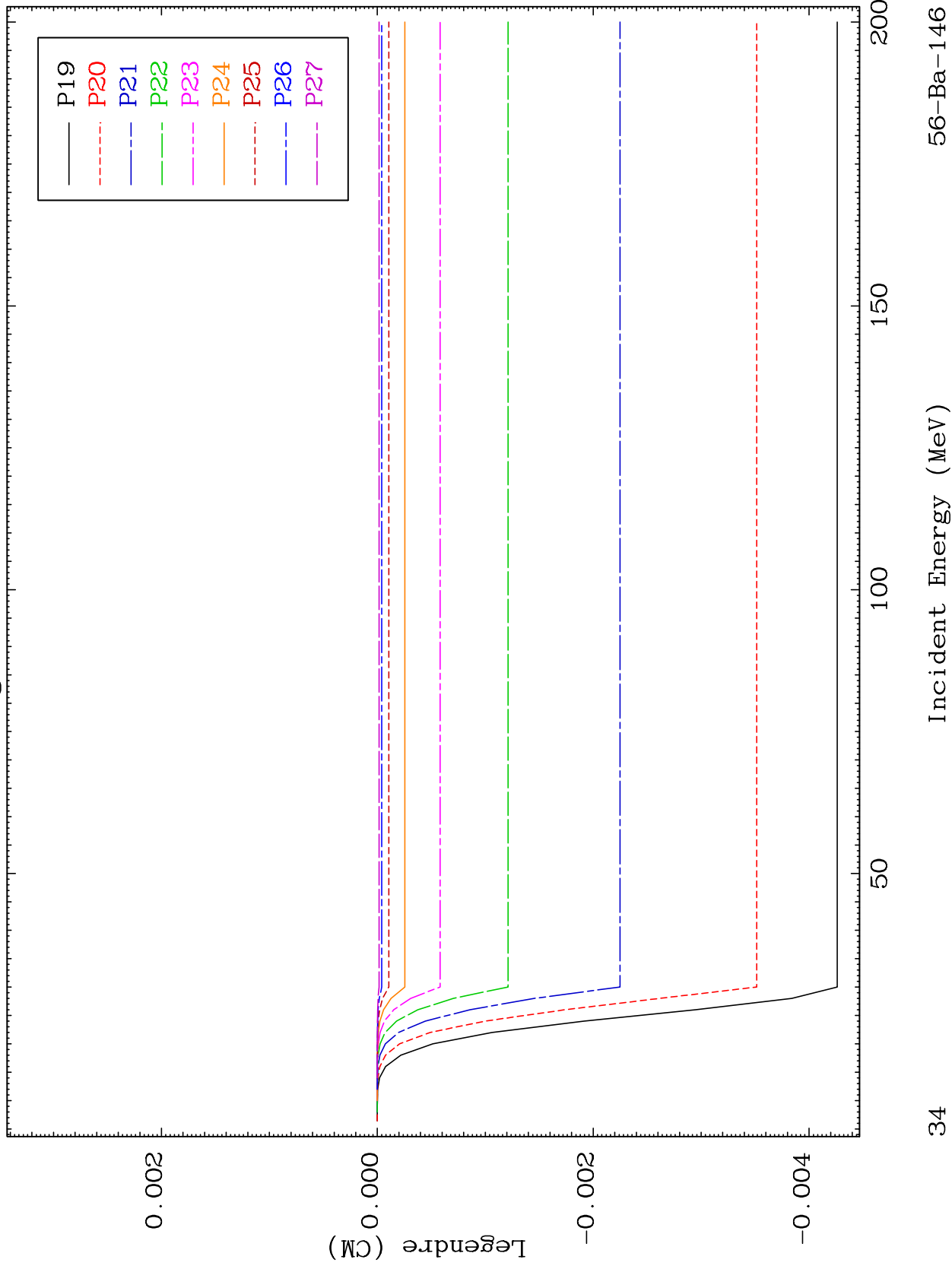
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



34

Incident Energy (MeV)

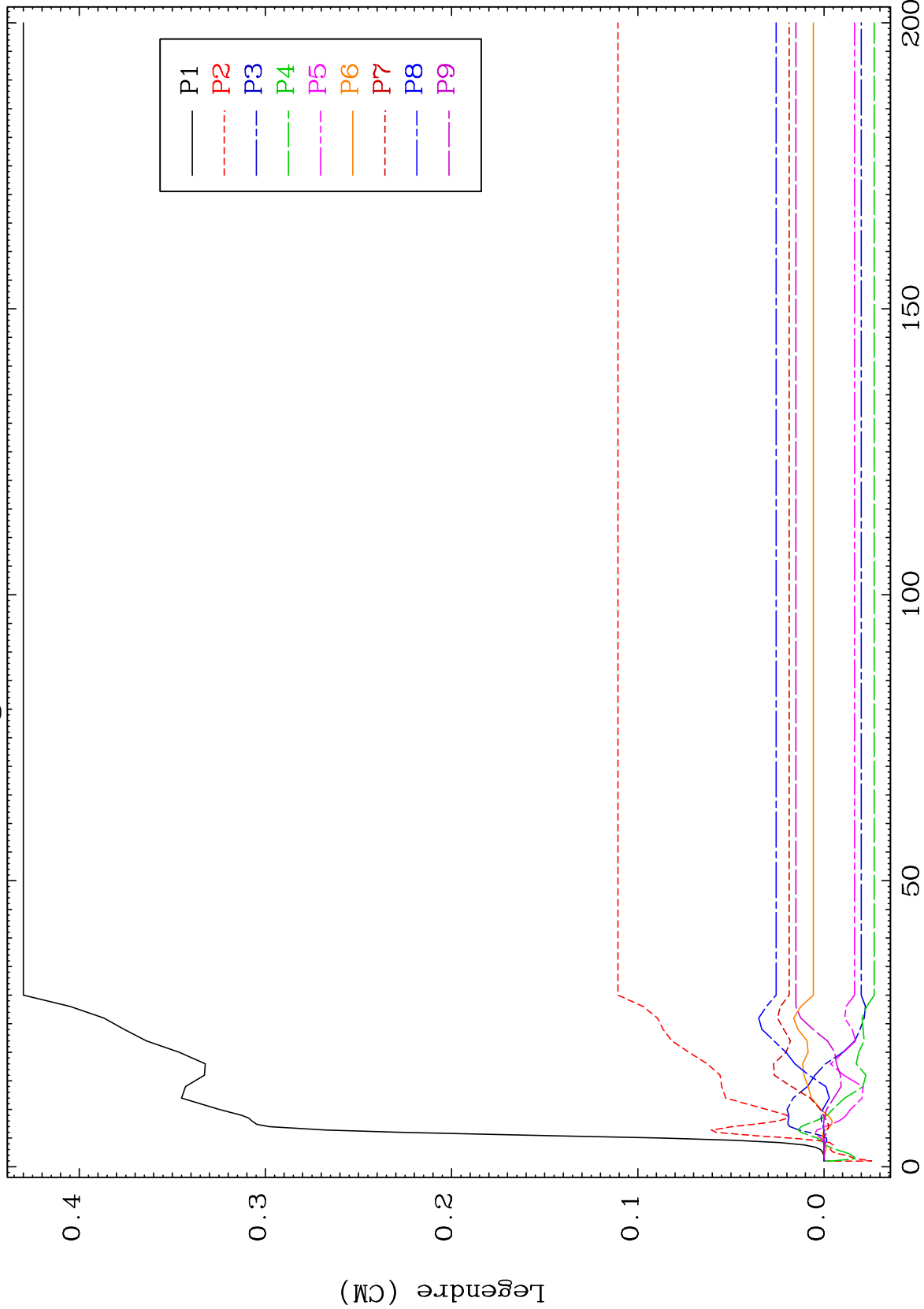
56-Ba-146

MAT 5673

MT= 55 (n,n') Level

56-Ba-146

Legendre Coefficients



36

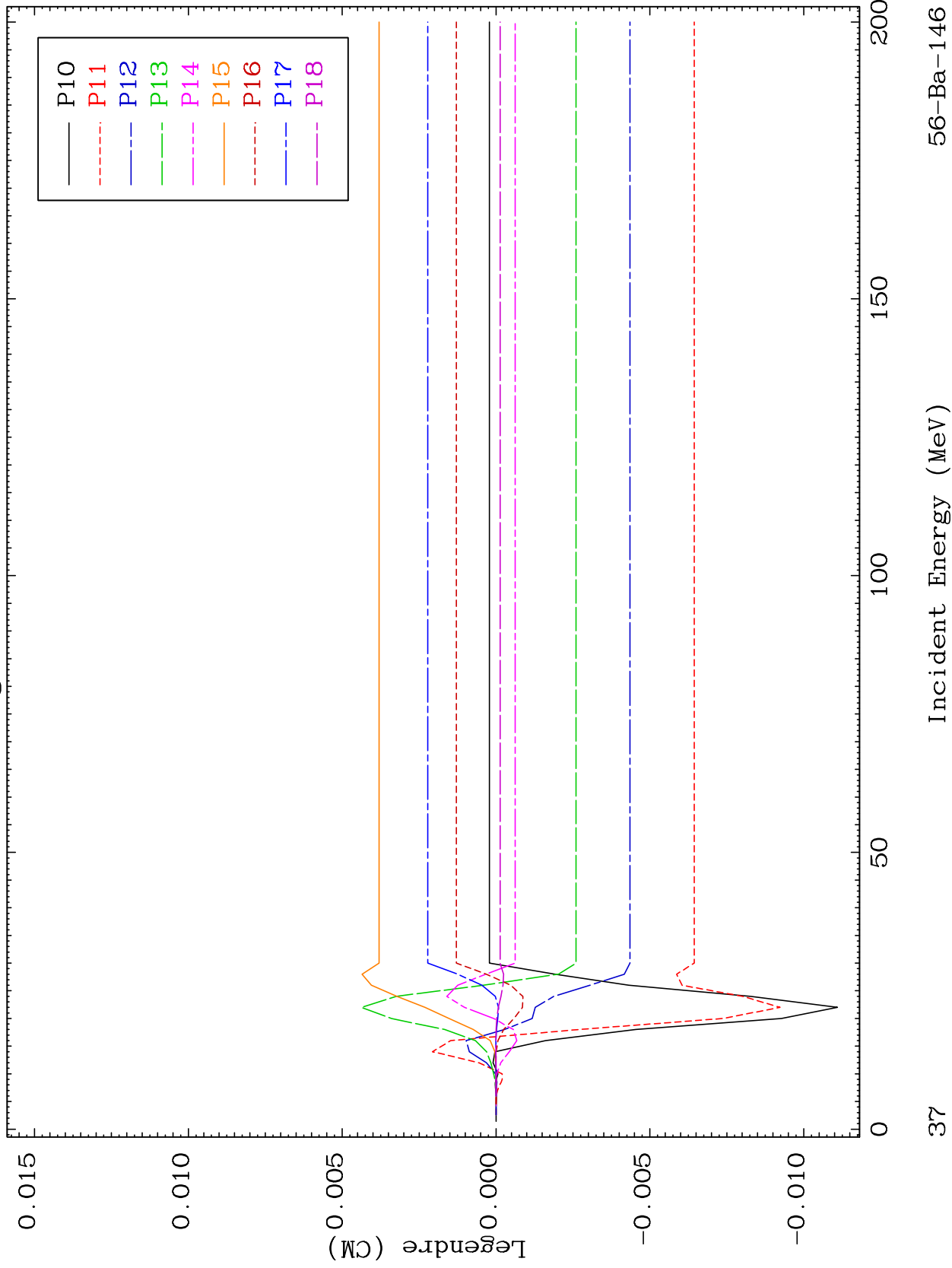
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

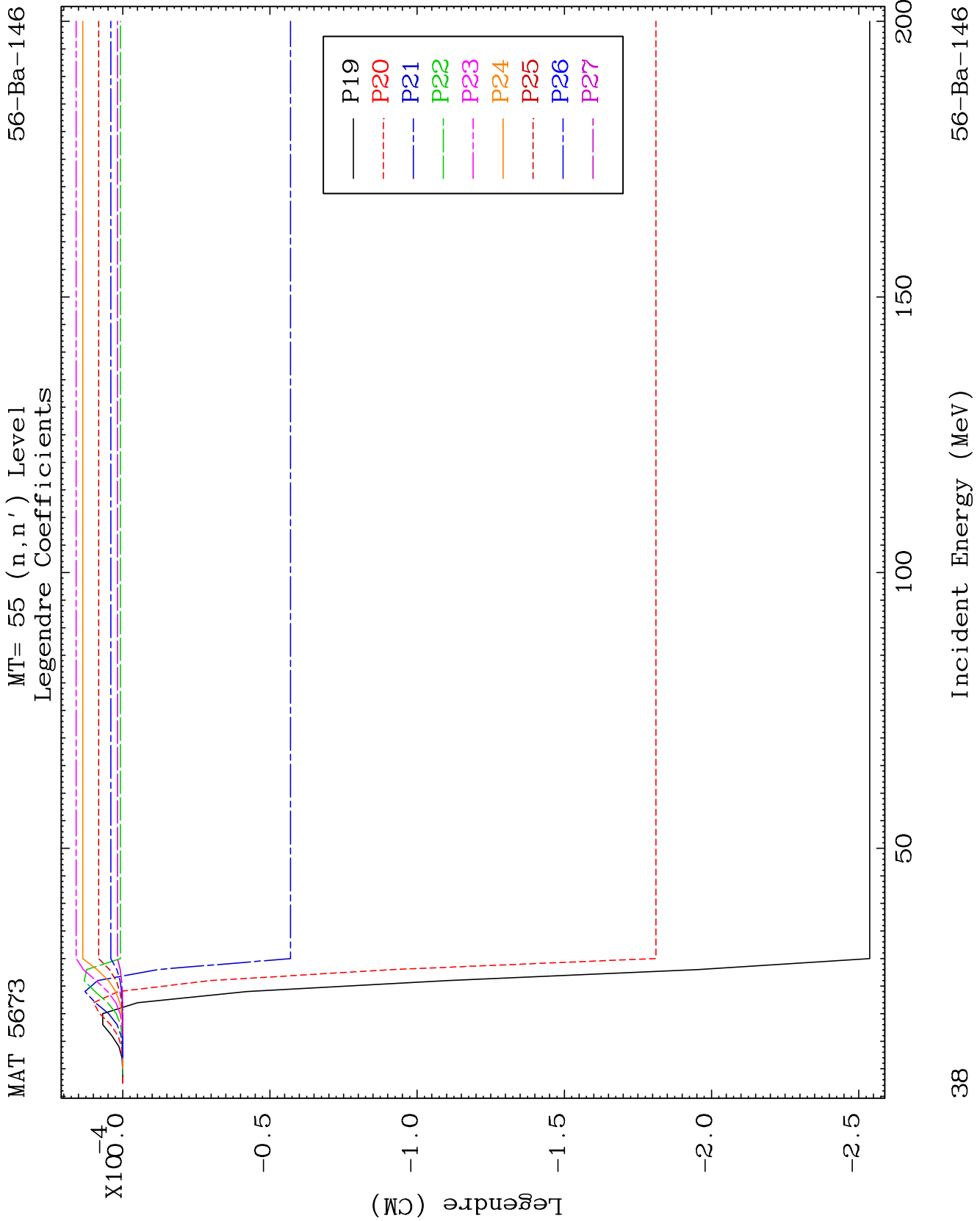
56-Ba-146



37

Incident Energy (MeV)

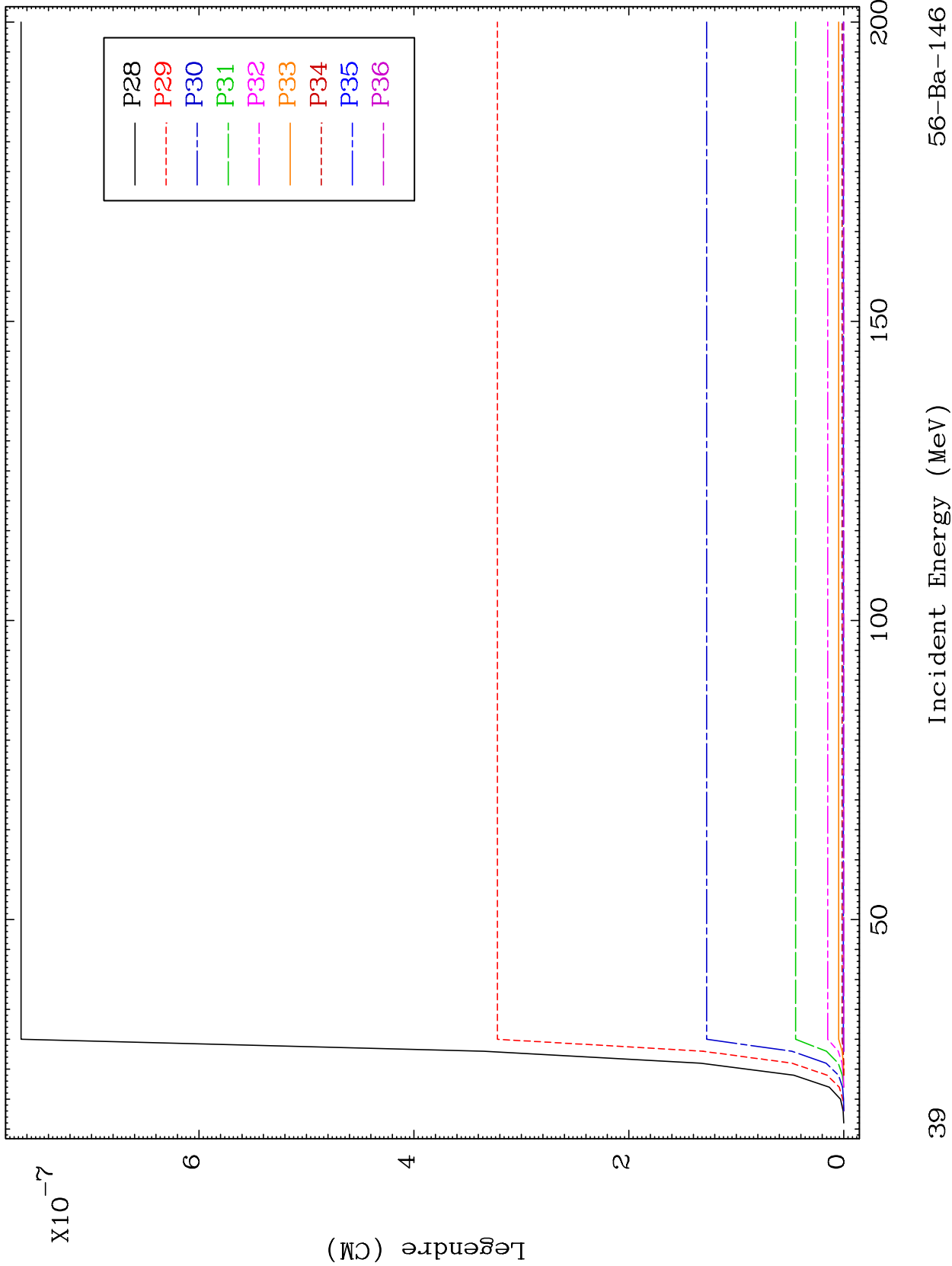
56-Ba-146



MAT 5673

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

56-Ba-146



39

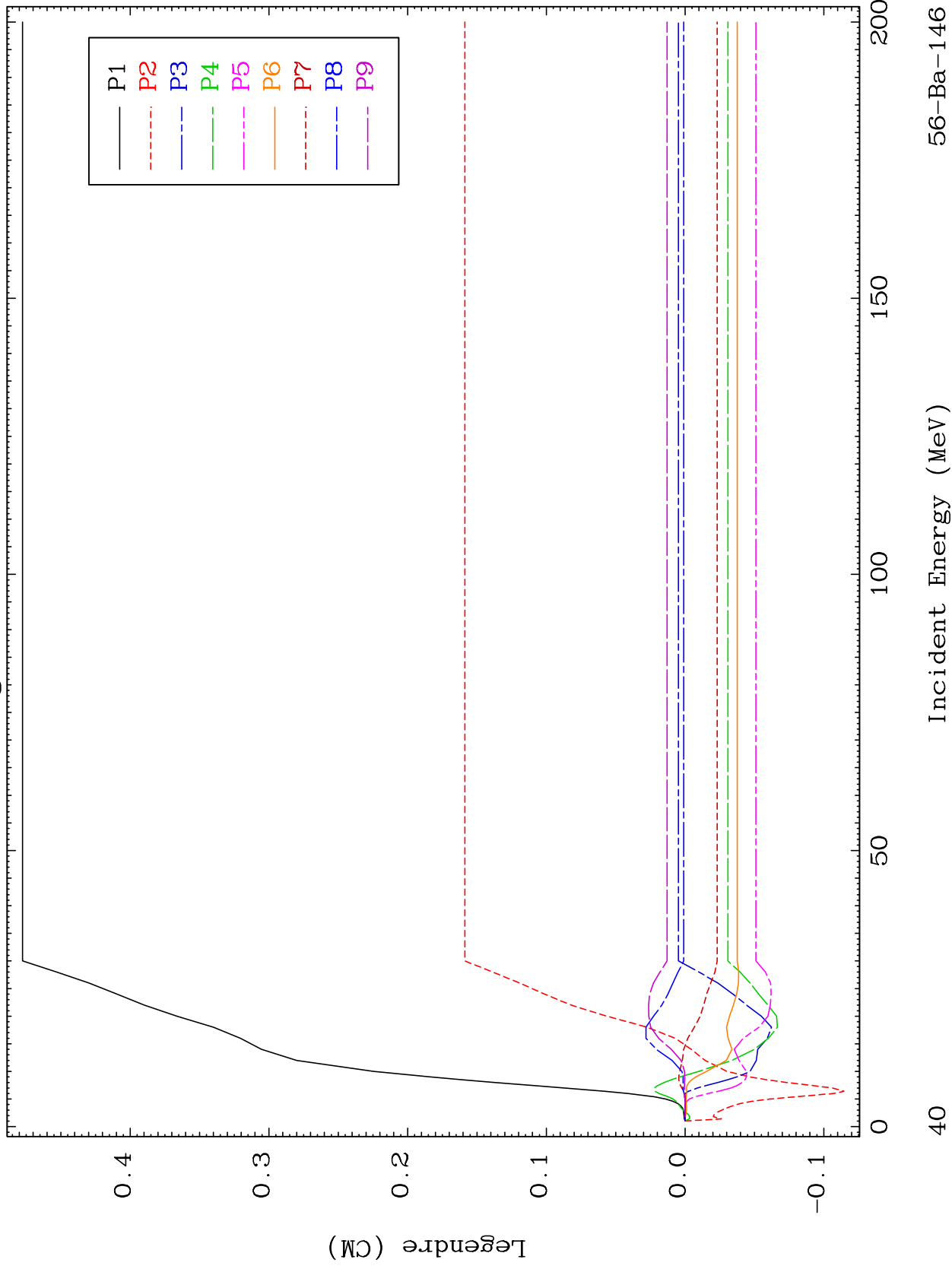
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



56-Ba-146

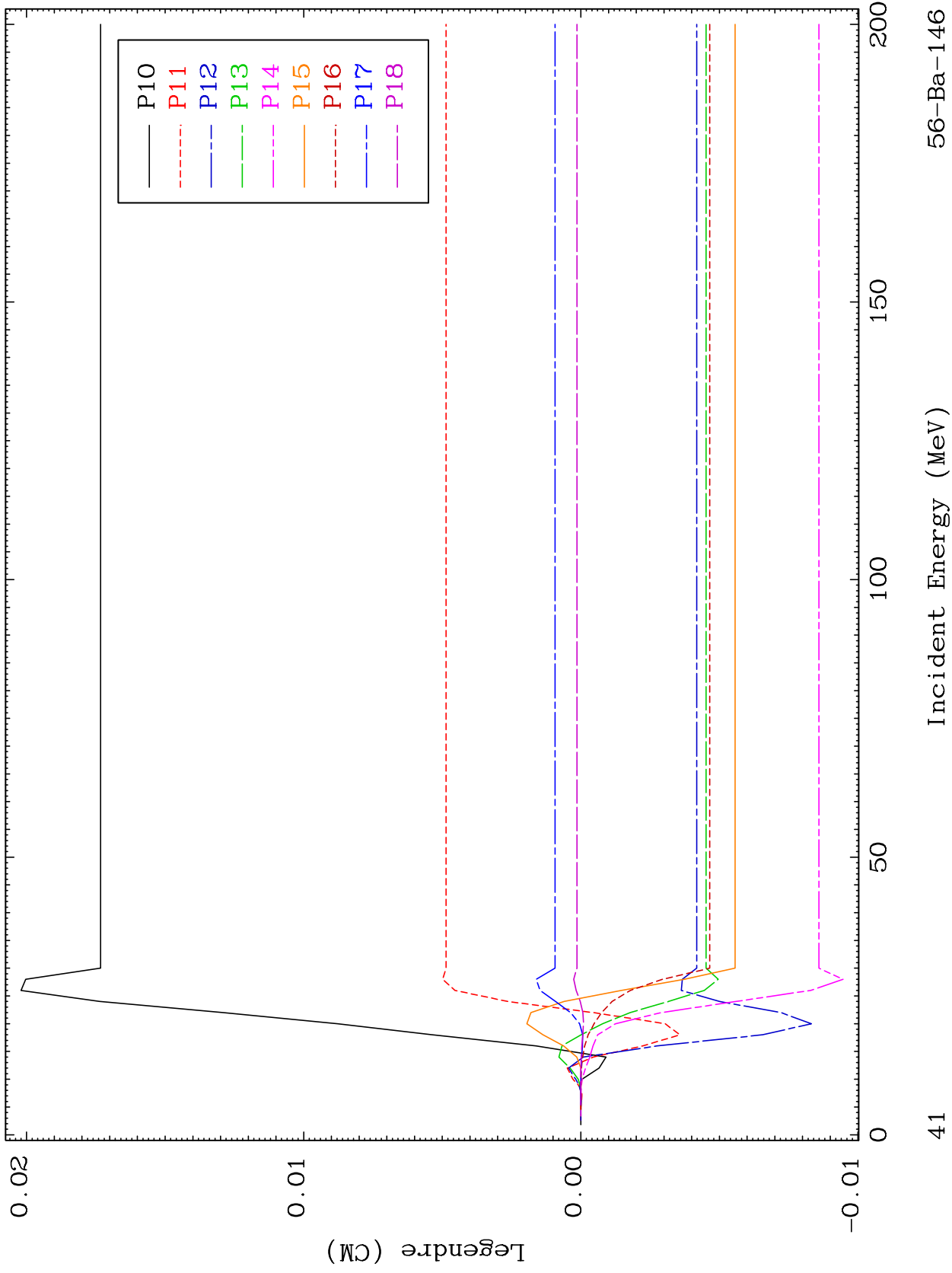
Incident Energy (MeV)

40

MAT 5673

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

56-Ba-146



41

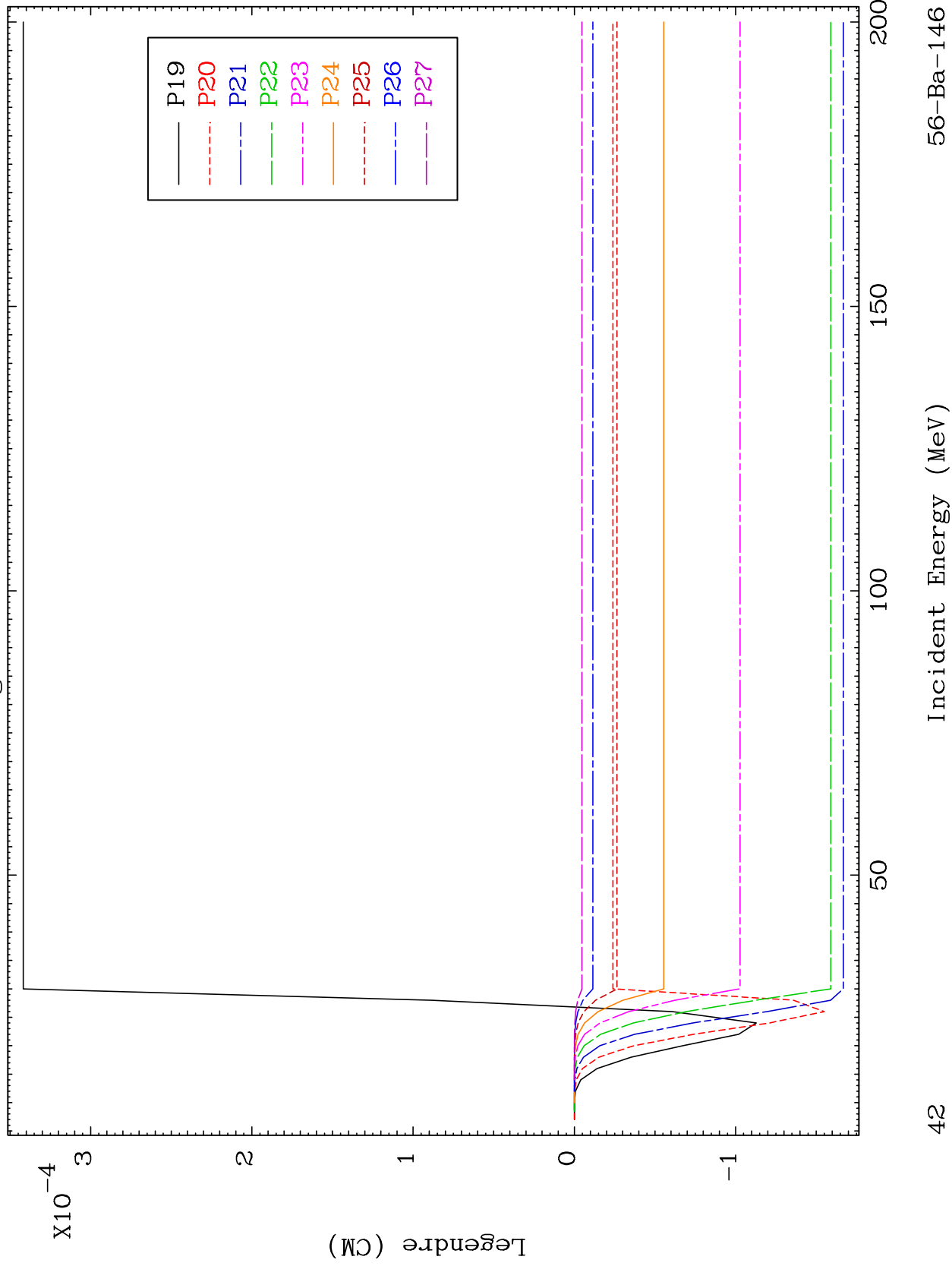
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

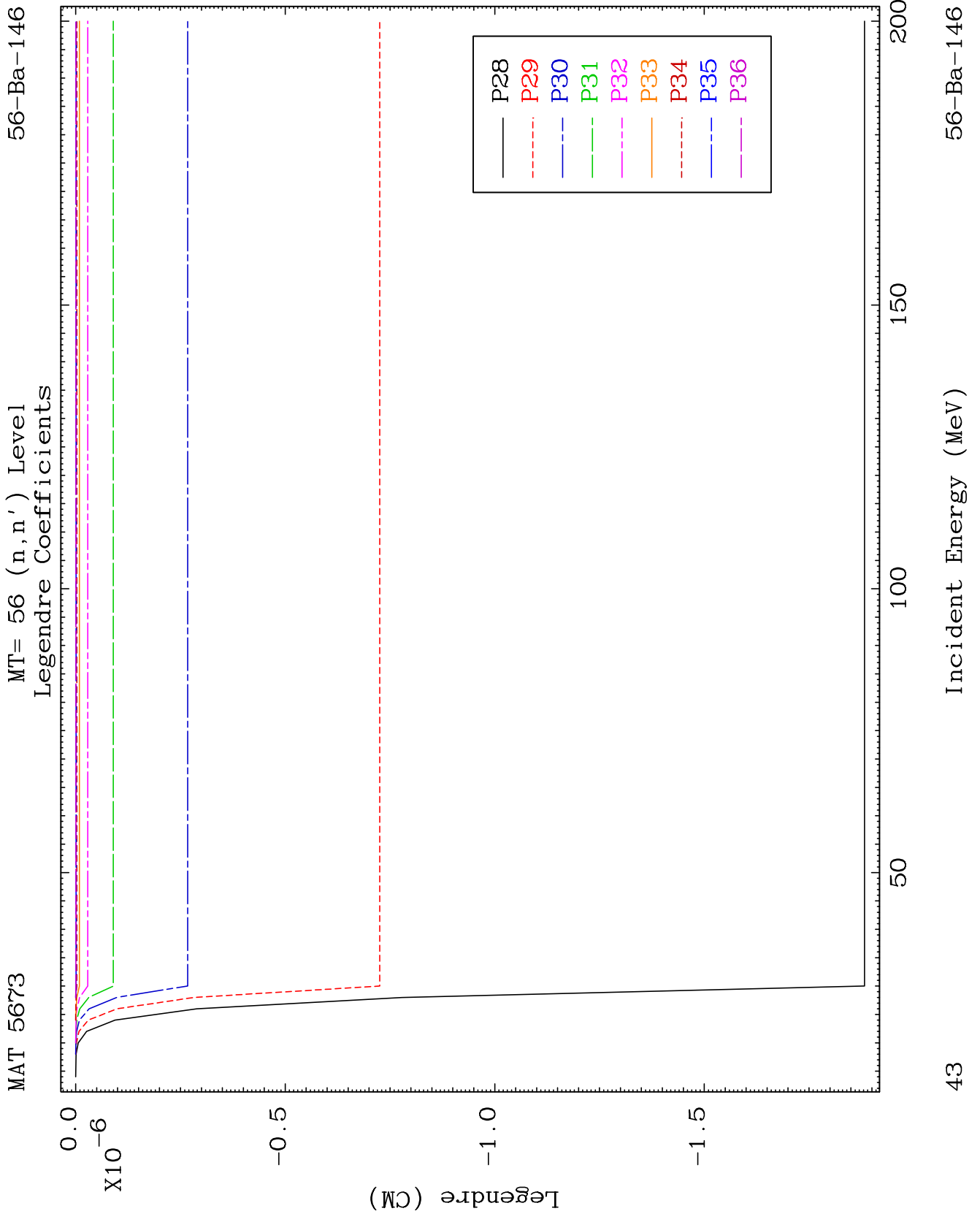
56-Ba-146

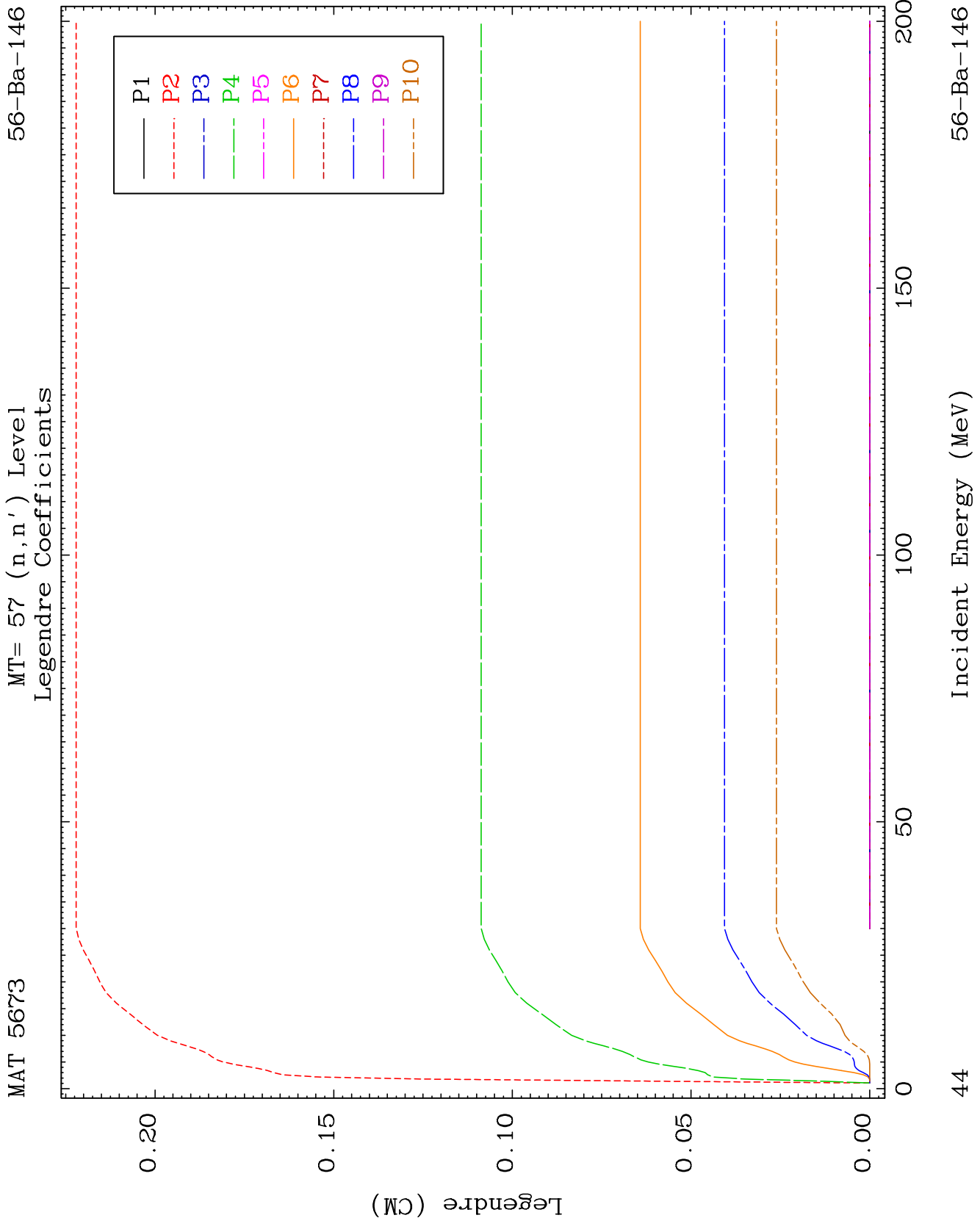


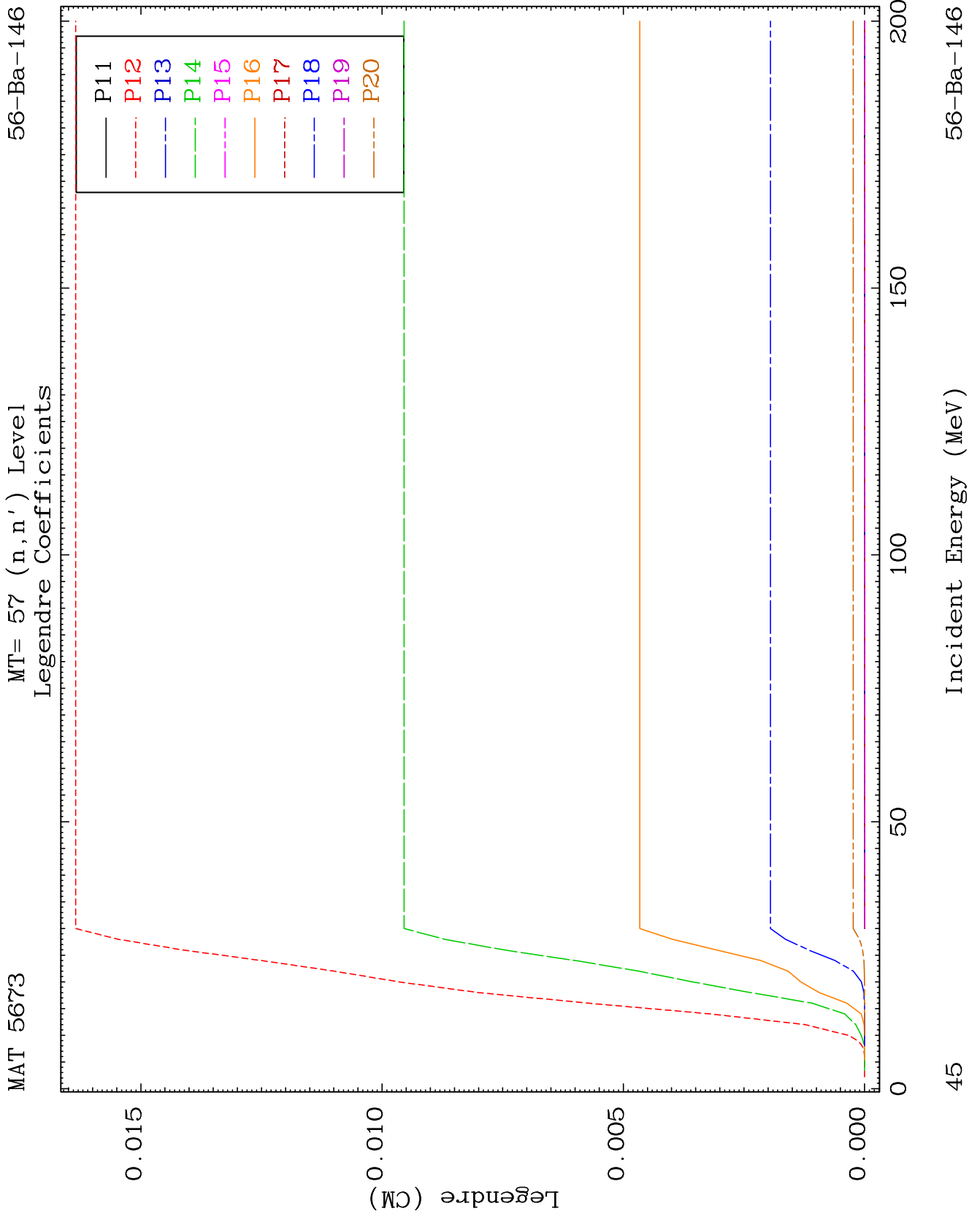
42

Incident Energy (MeV)

56-Ba-146



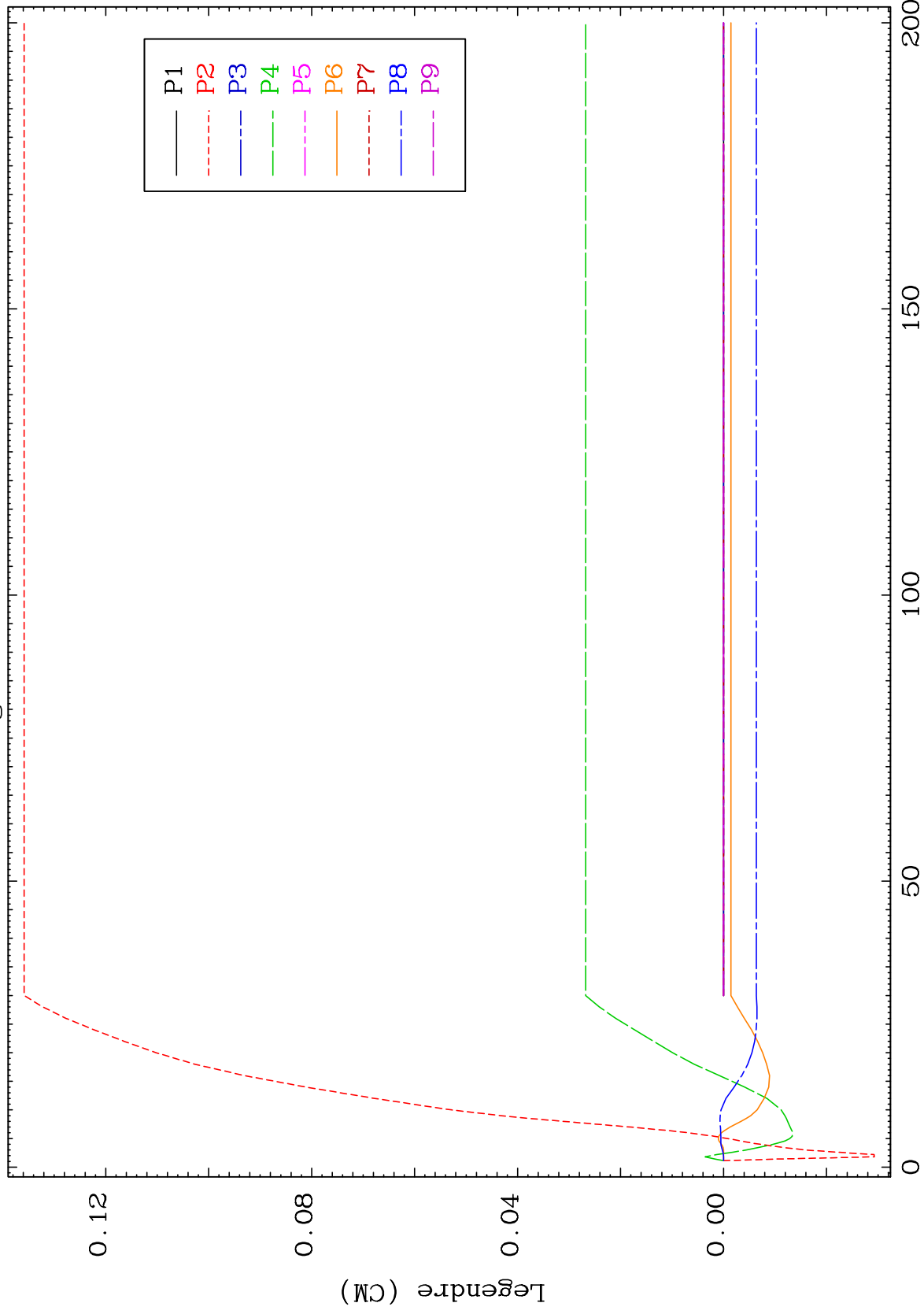




MAT 5673

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

56-Ba-146



56-Ba-146

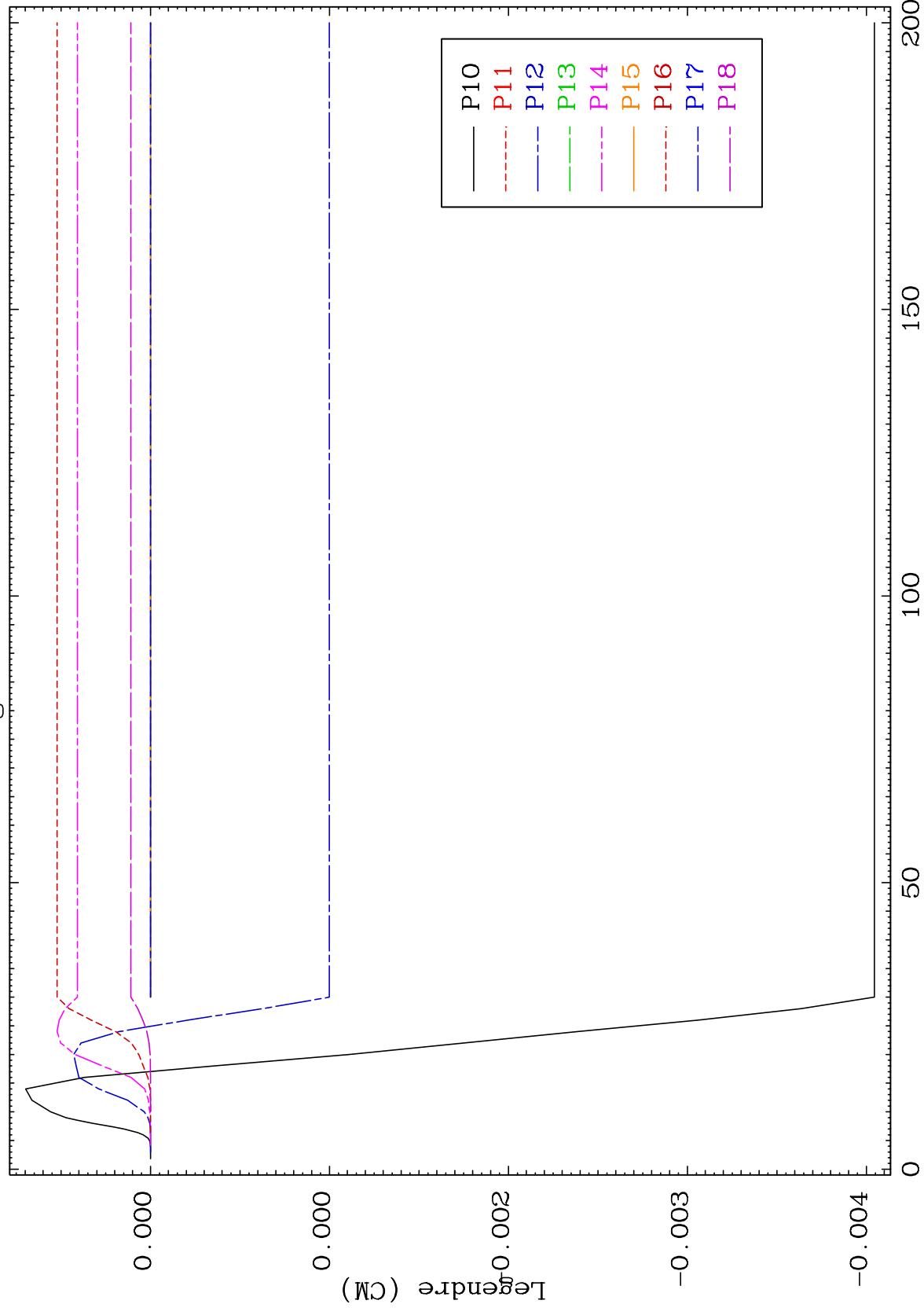
Incident Energy (MeV)

47

MAT 5673

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

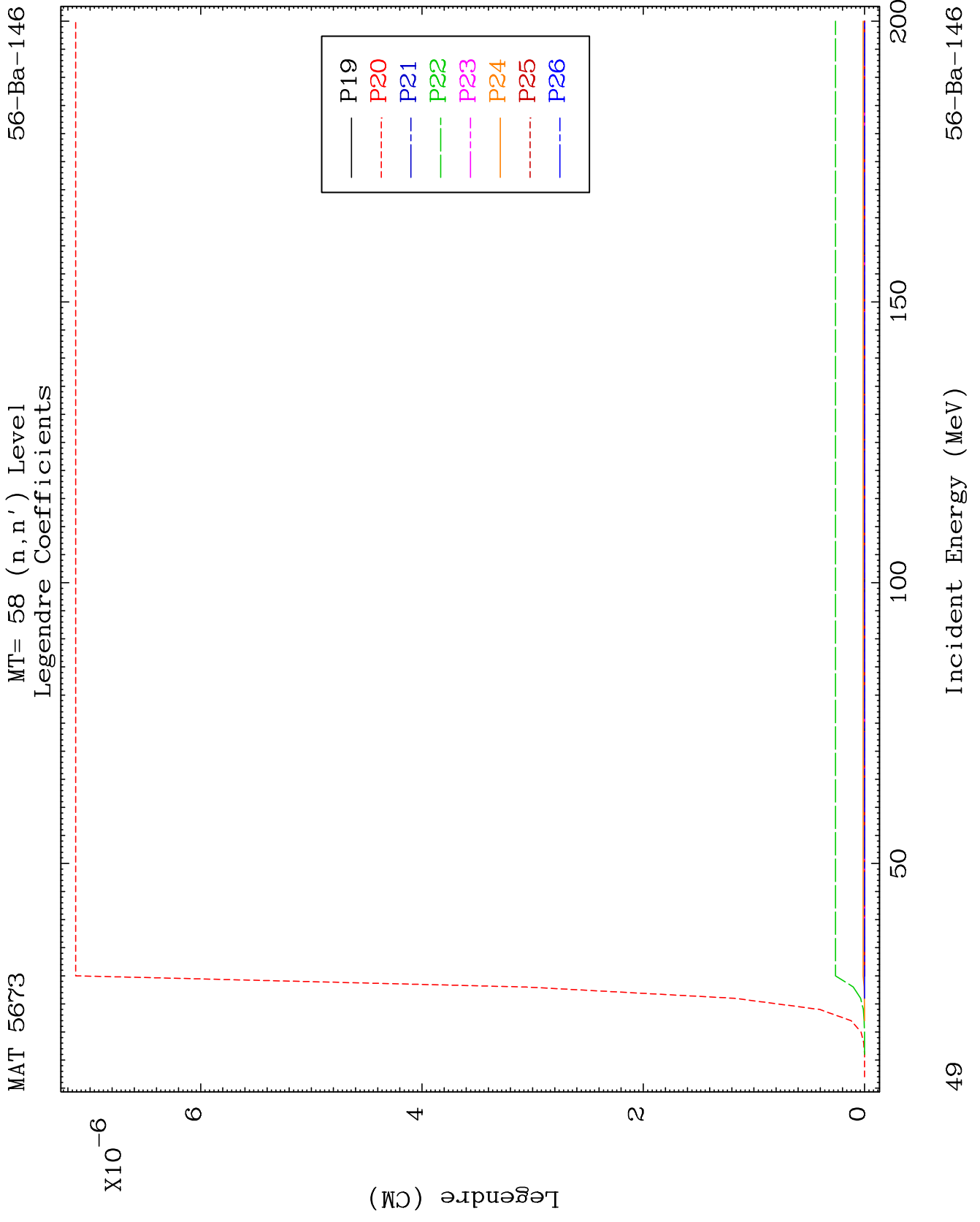
56-Ba-146



48

Incident Energy (MeV)

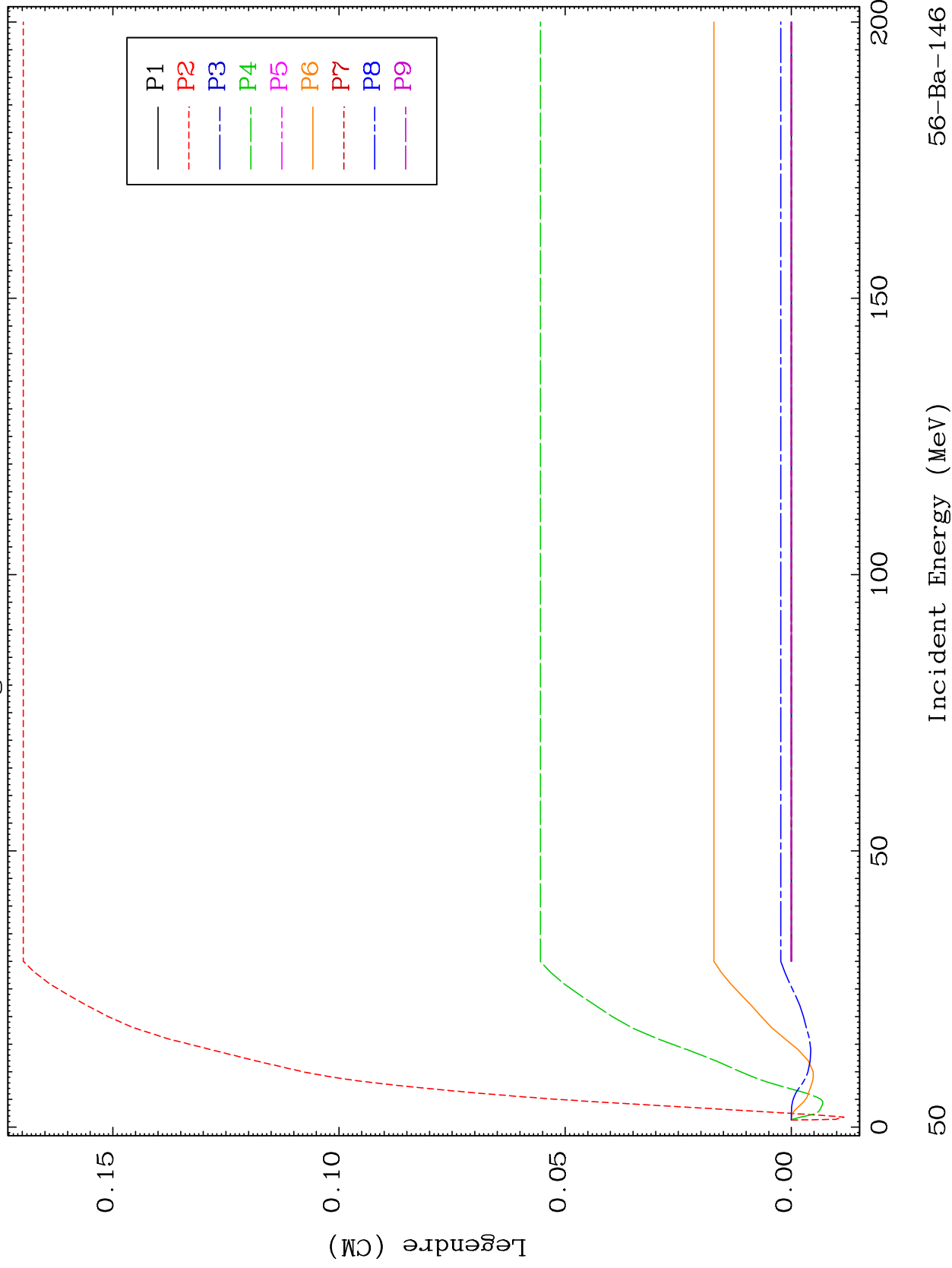
56-Ba-146



MAT 5673

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

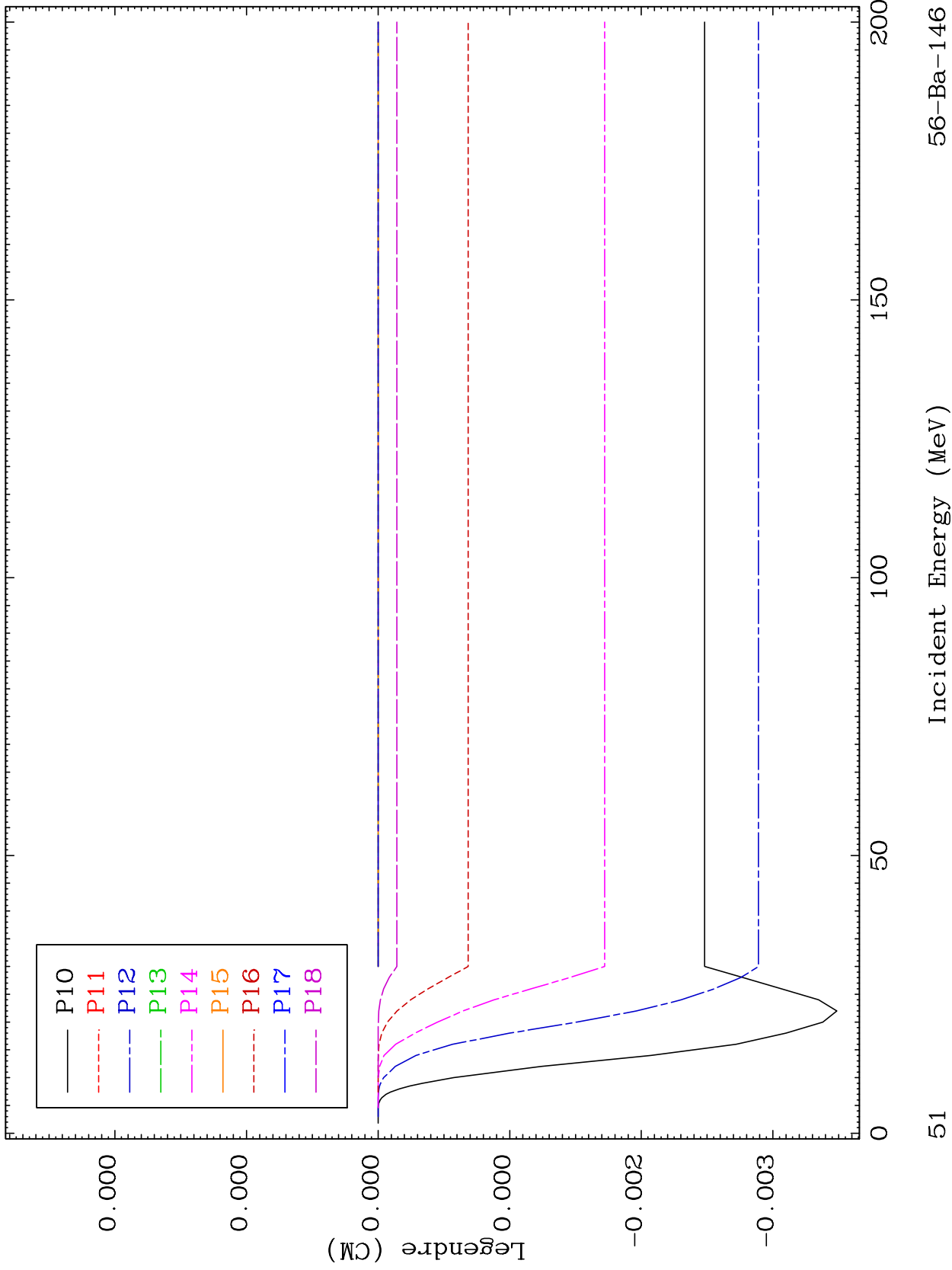
56-Ba-146

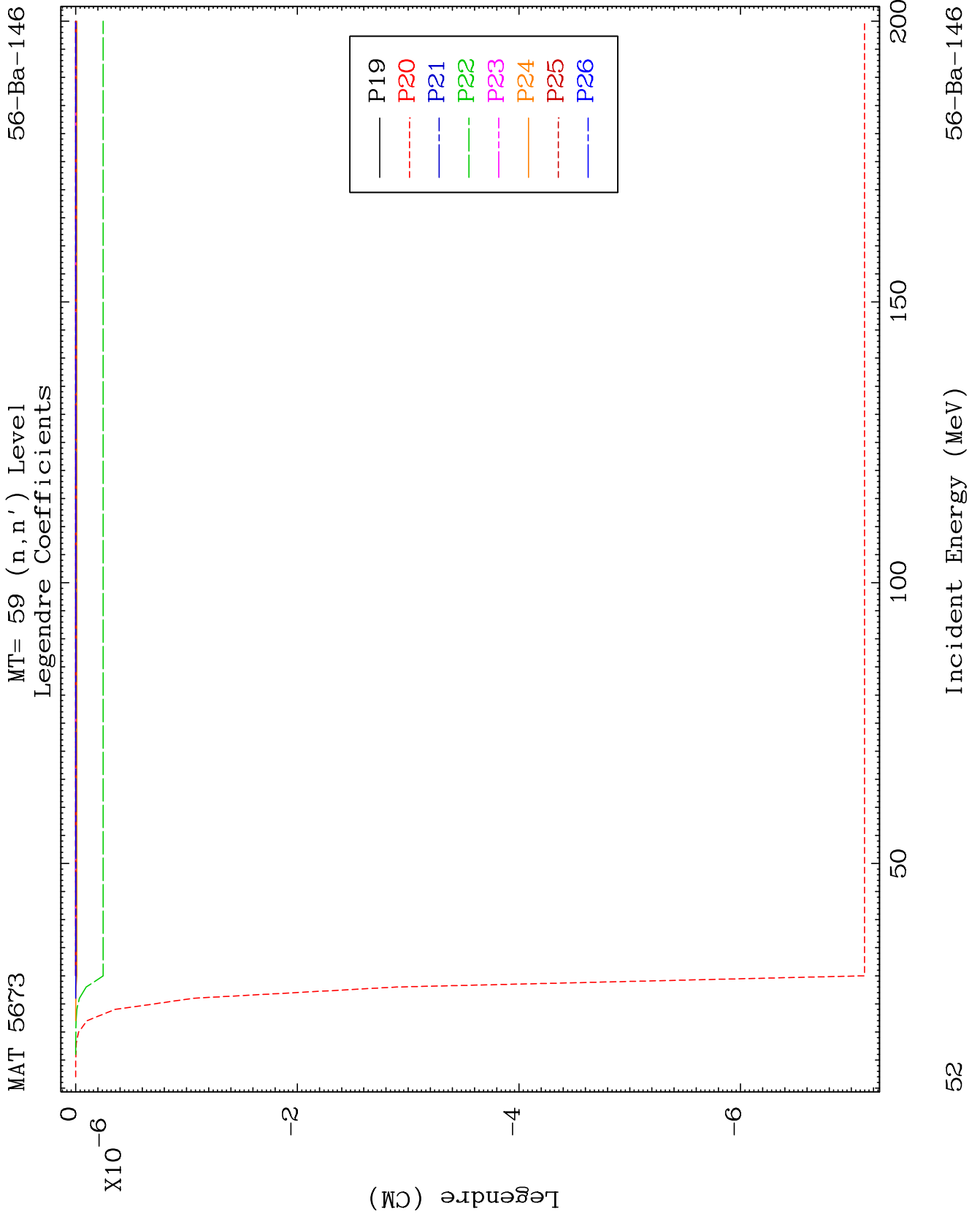


MAT 5673

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

56-Ba-146

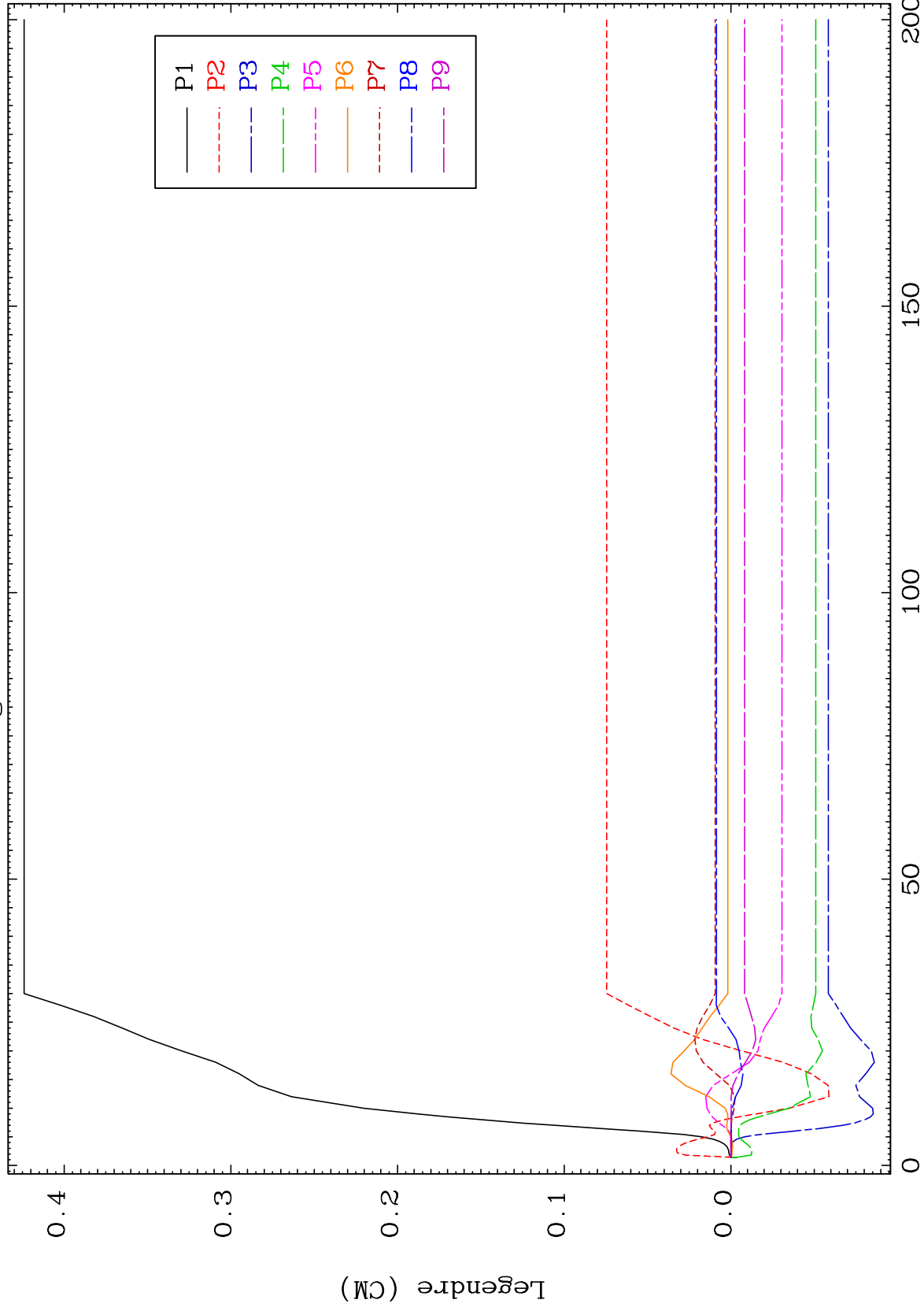




MAT 5673

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

56-Ba-146



56-Ba-146

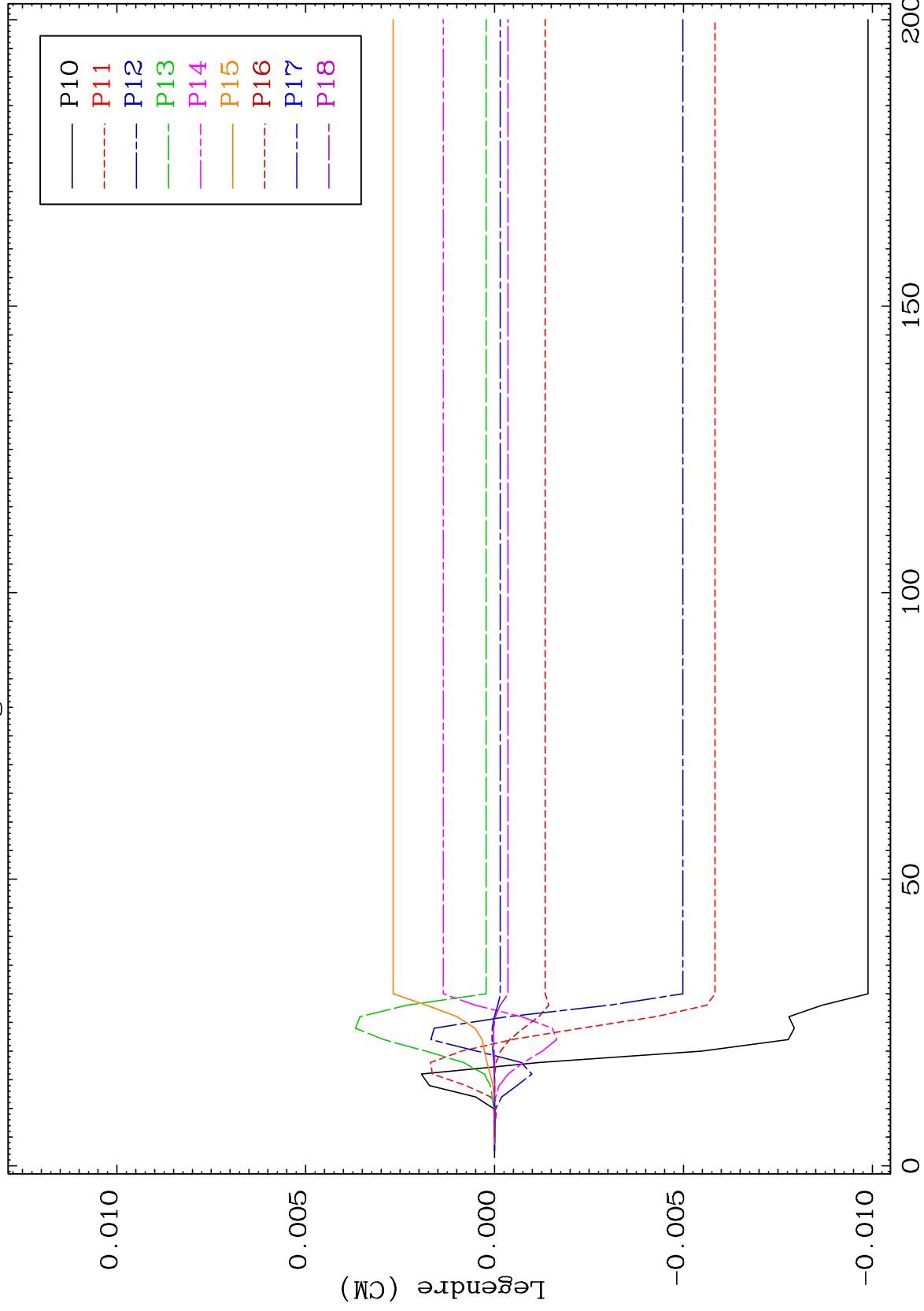
Incident Energy (MeV)

53

MAT 5673

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

56-Ba-146



54

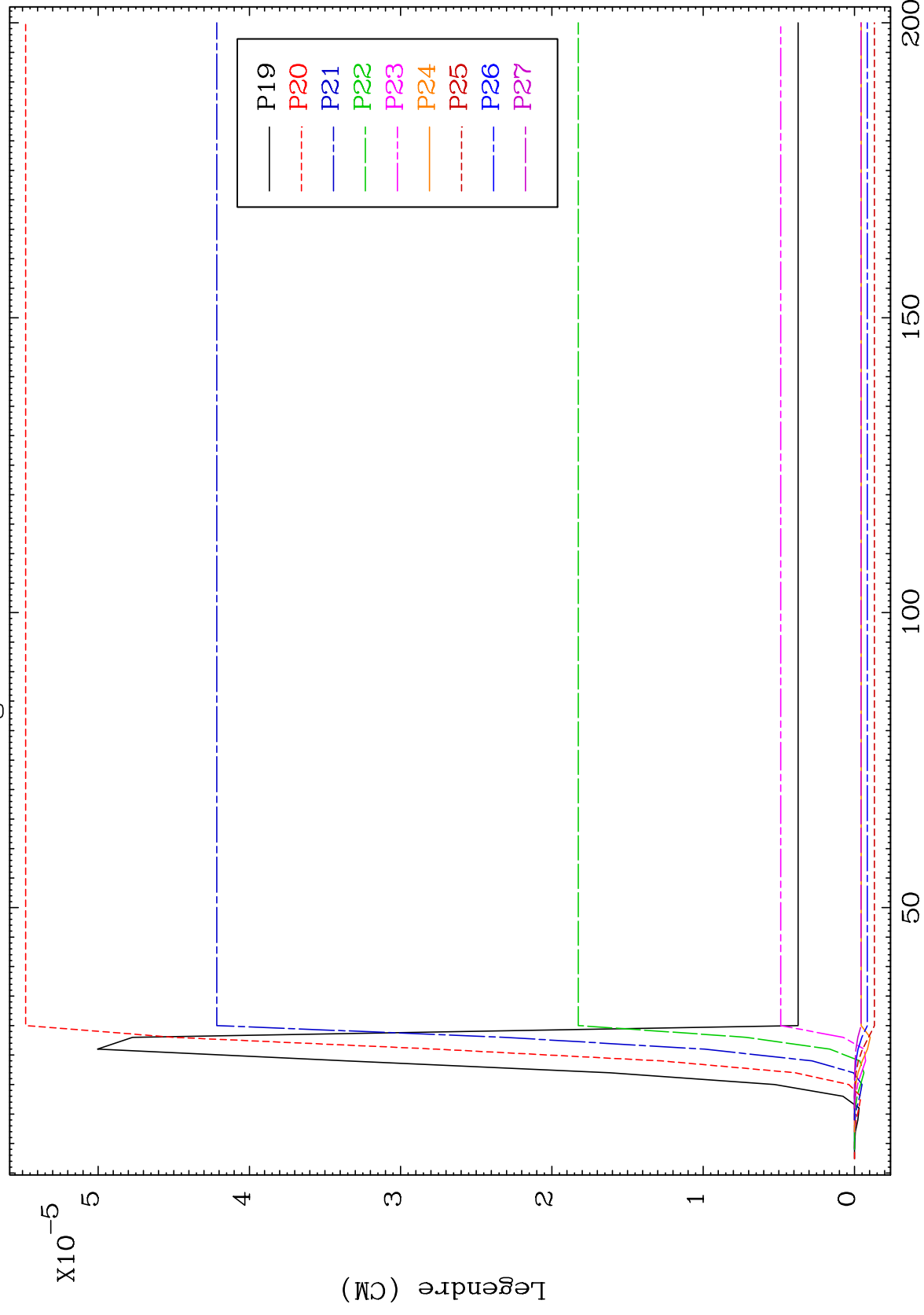
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

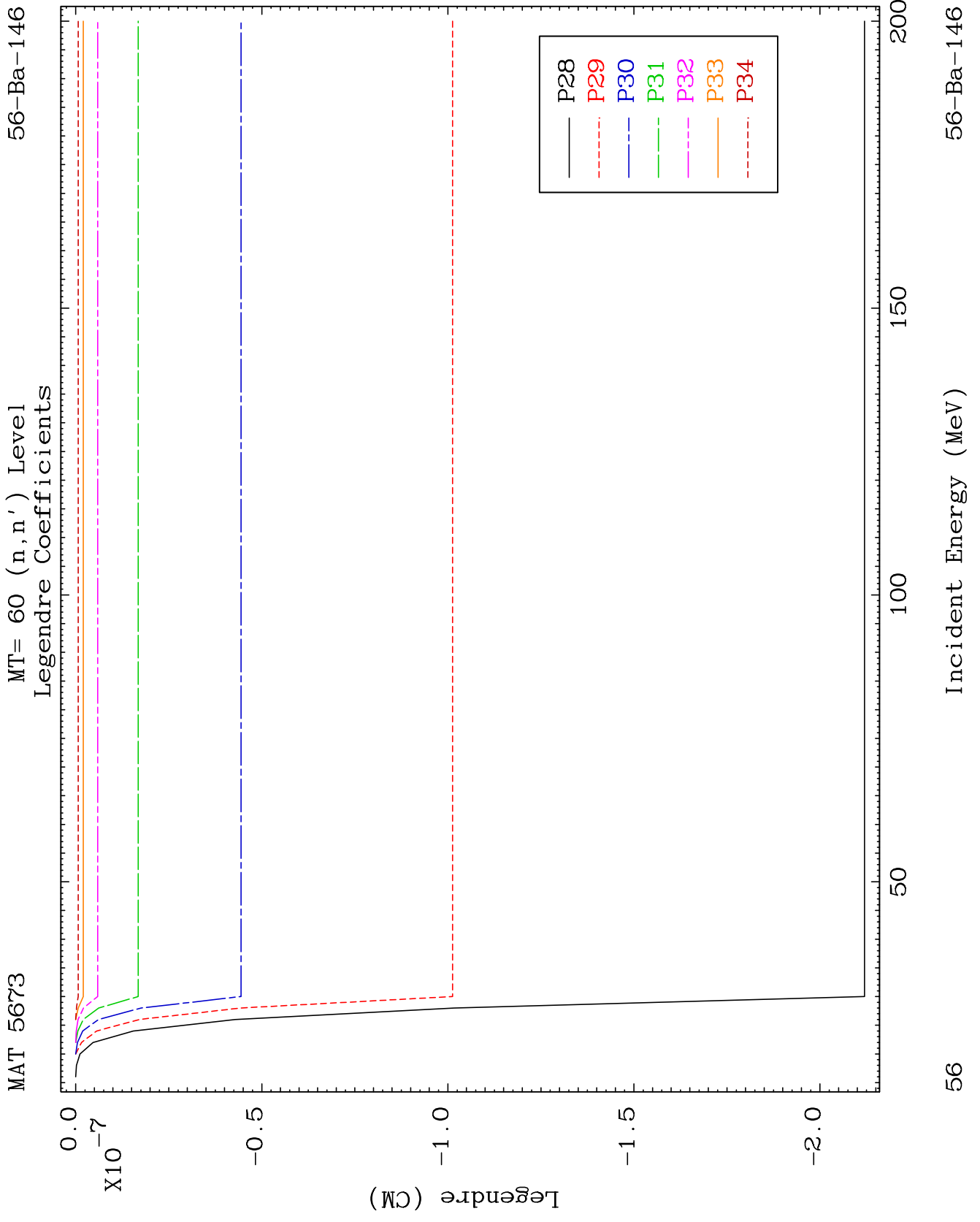
56-Ba-146



55

Incident Energy (MeV)

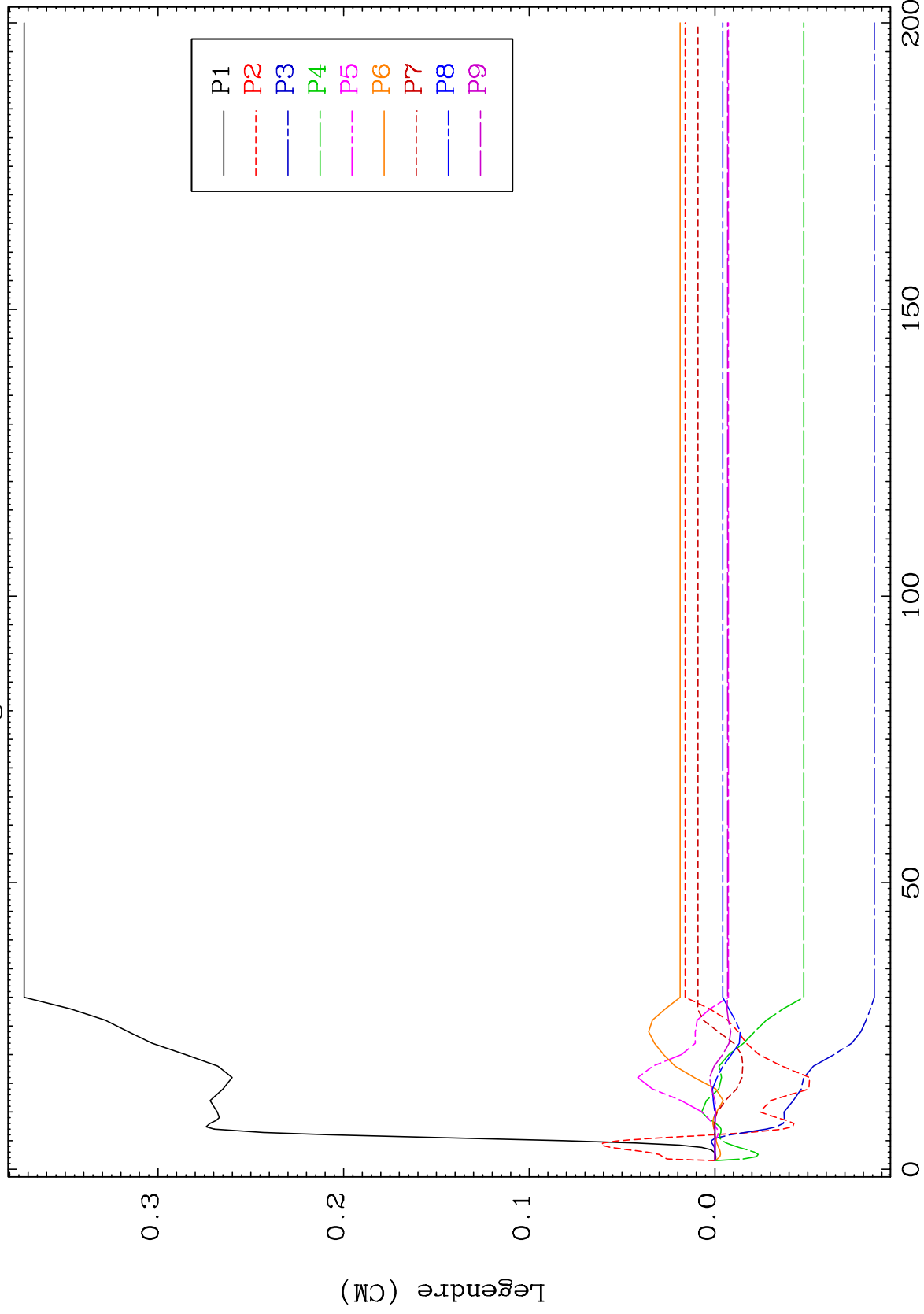
56-Ba-146



MAT 5673

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

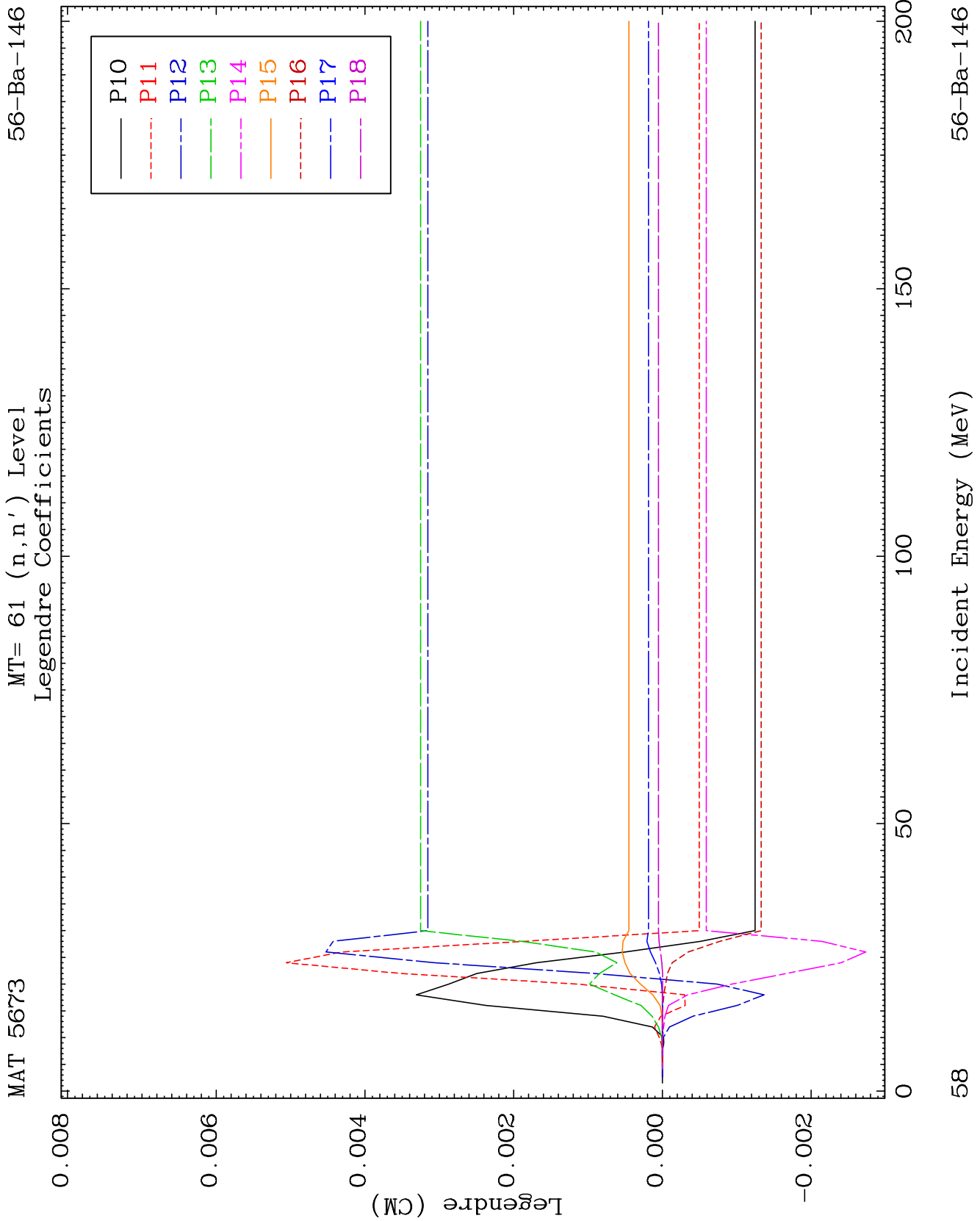
56-Ba-146



57

Incident Energy (MeV)

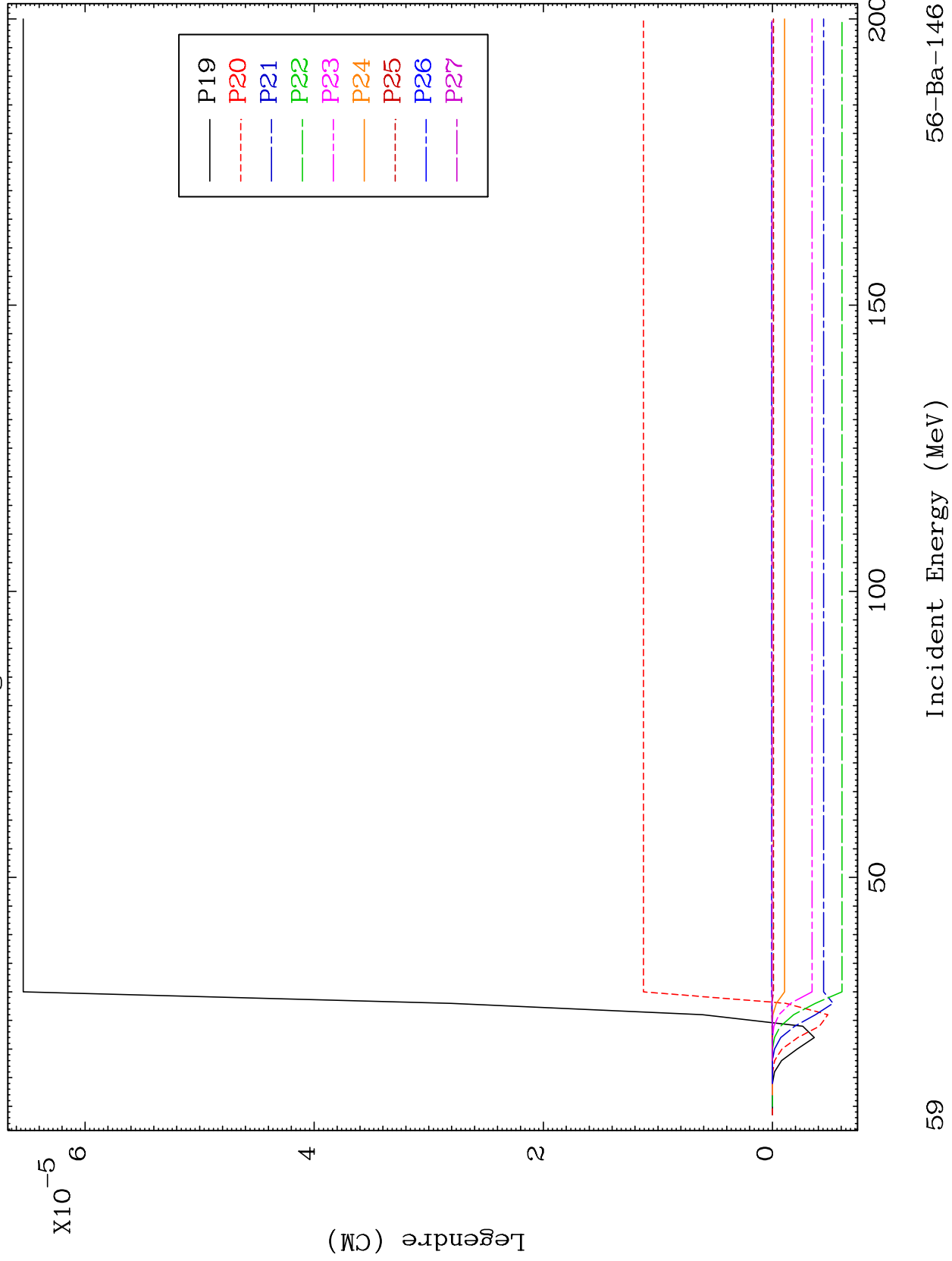
56-Ba-146



MAT 5673

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

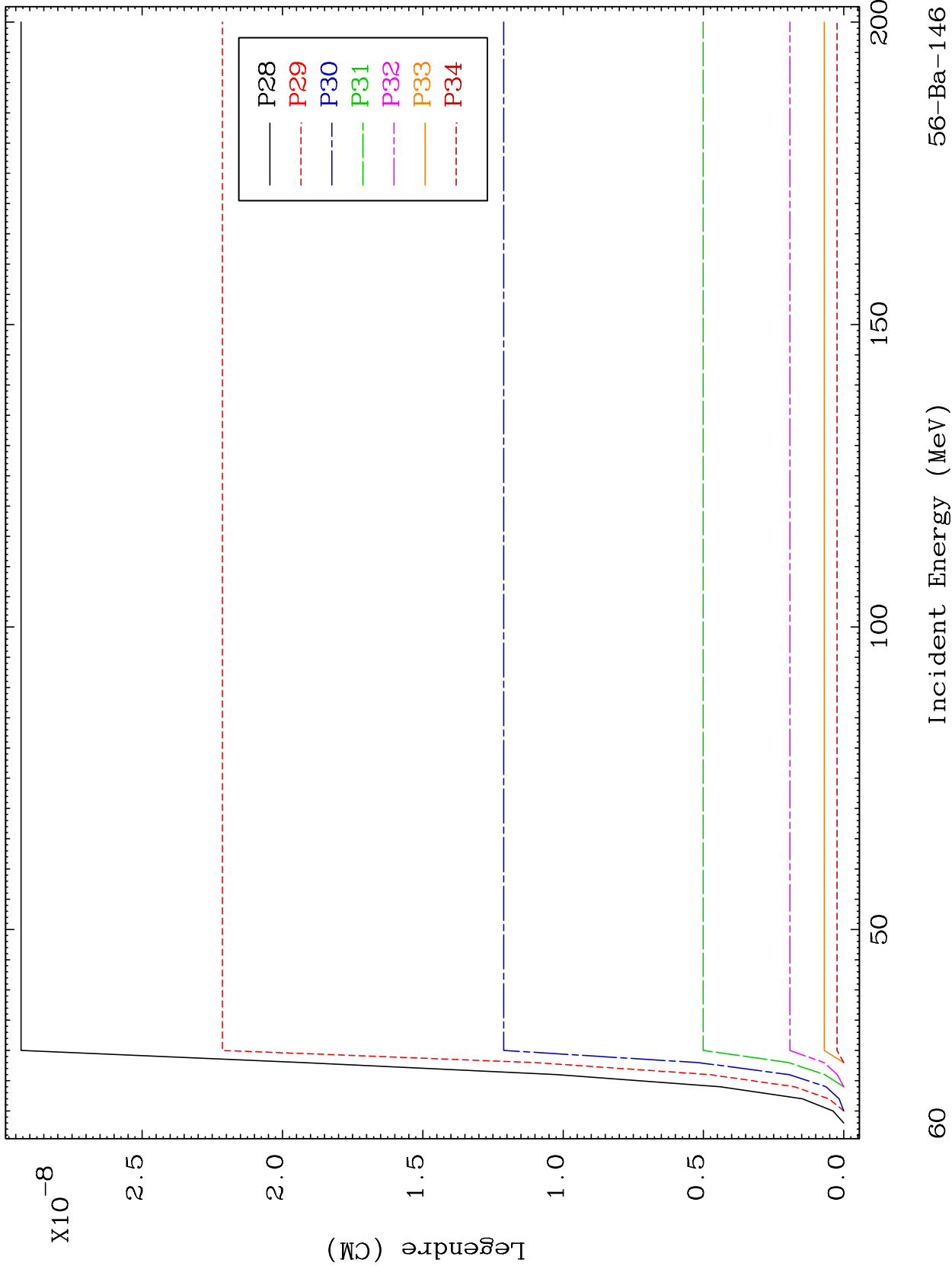
56-Ba-146



MAT 5673

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

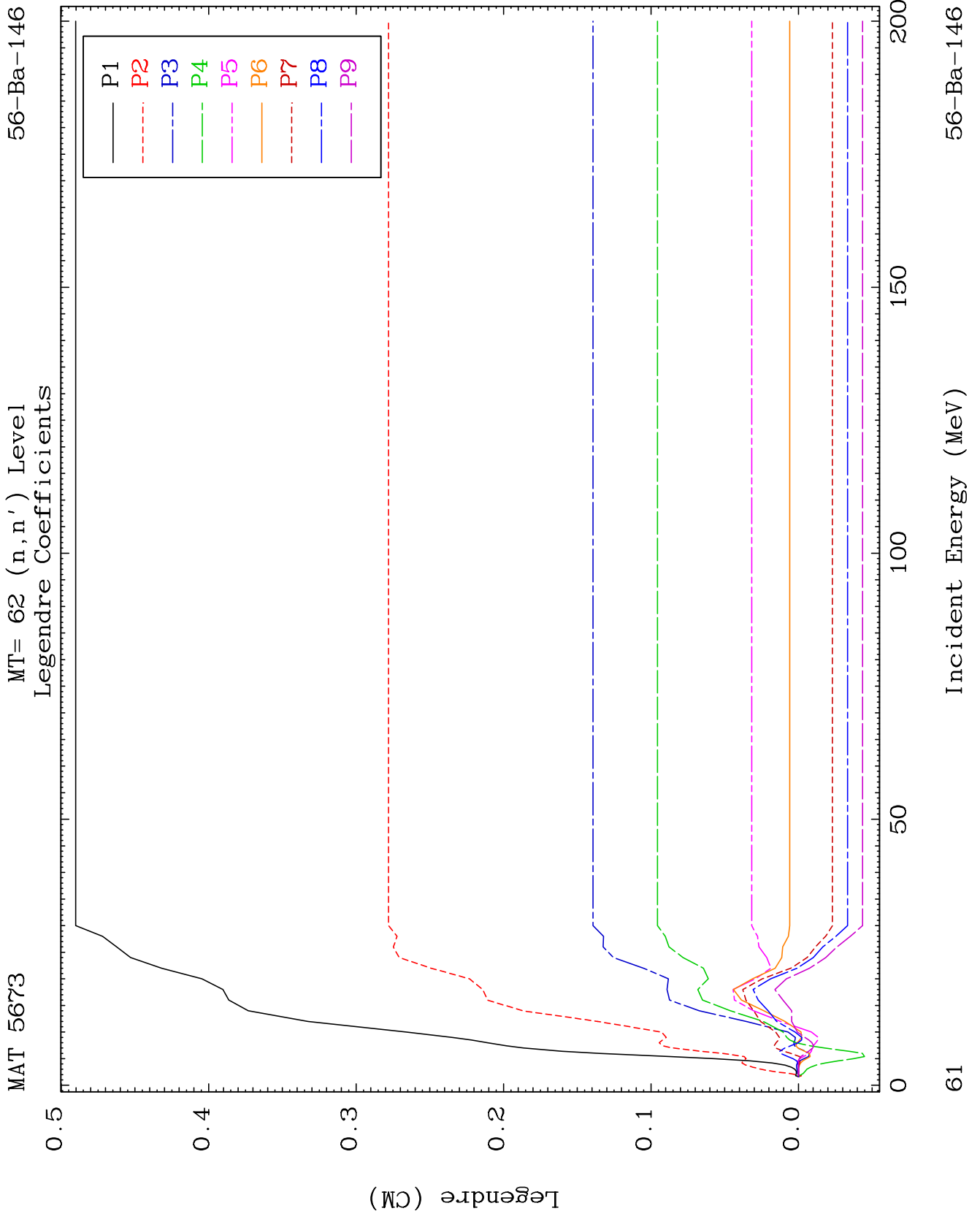
56-Ba-146

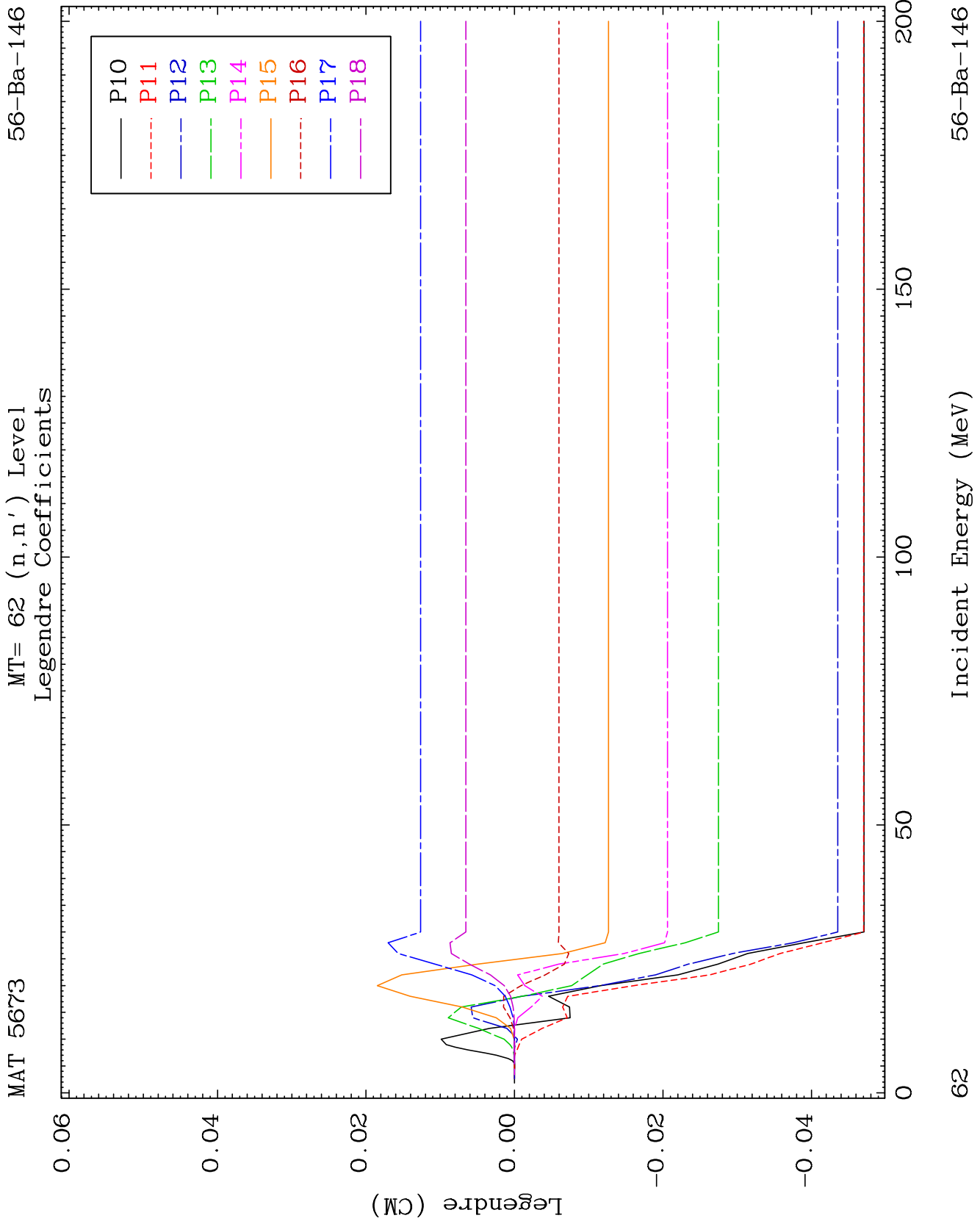


56-Ba-146

Incident Energy (MeV)

60

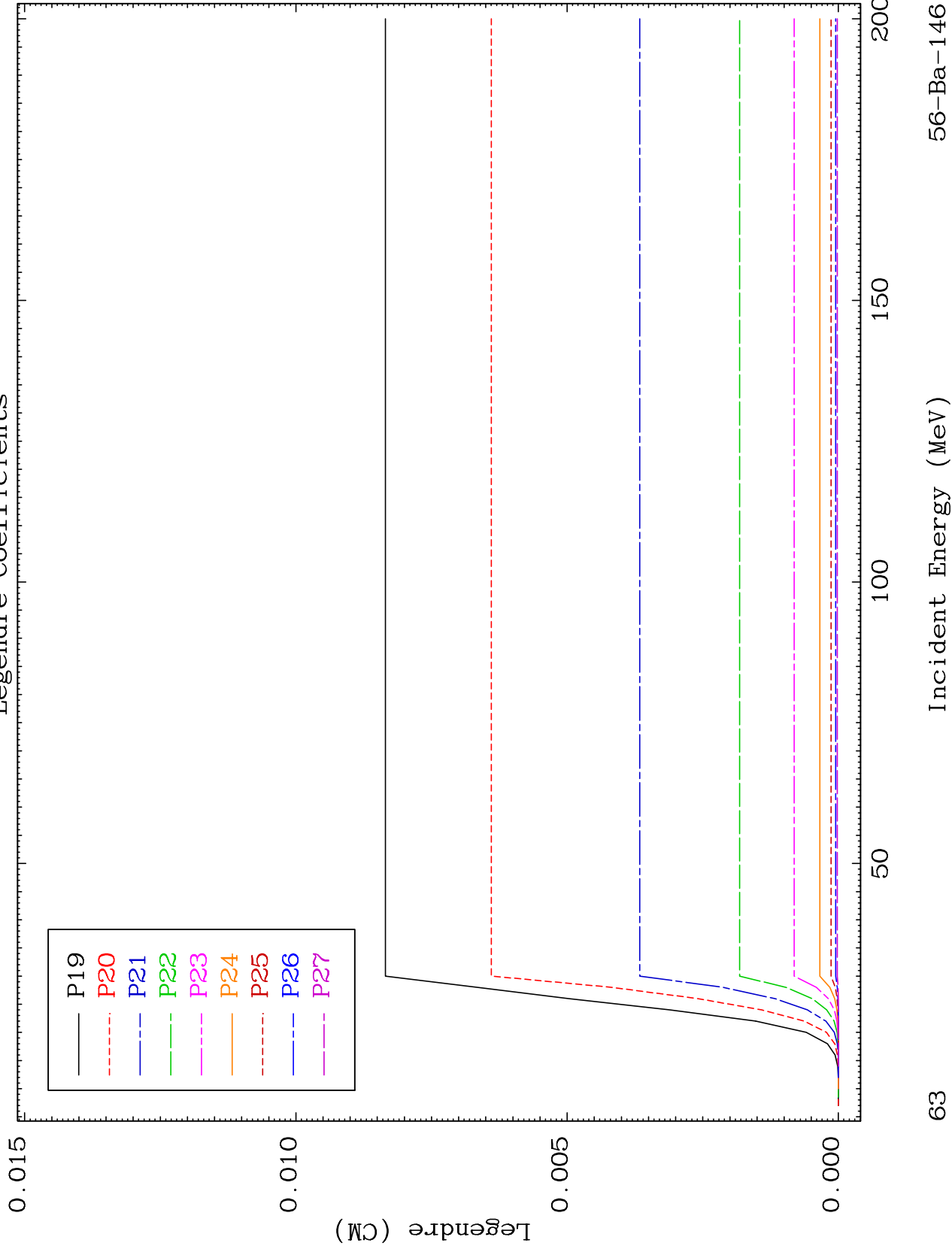




MAT 5673

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

56-Ba-146



63

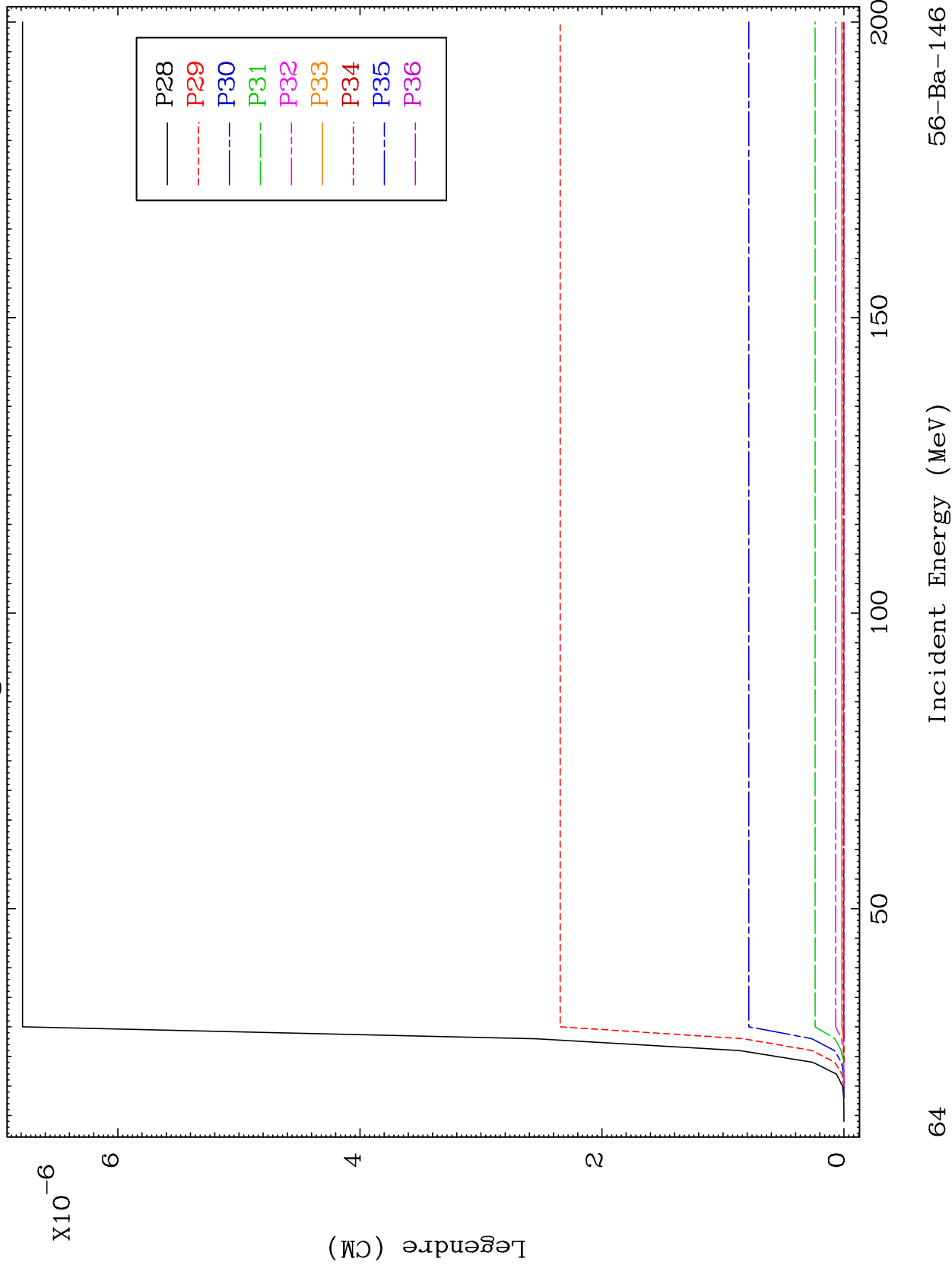
Incident Energy (MeV)

56-Ba-146

MAT 5673

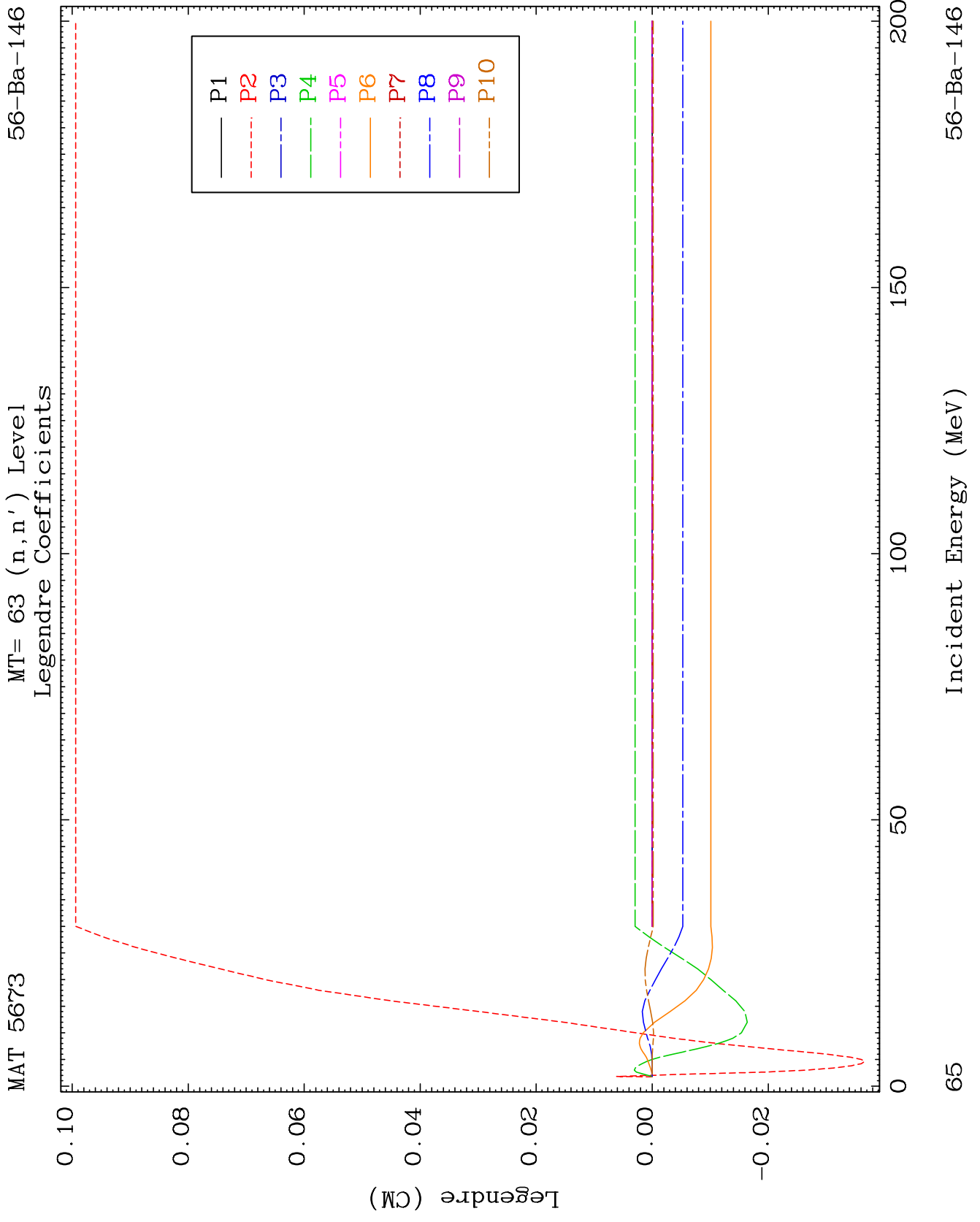
MT= 62 (n,n') Level
Legendre Coefficients

56-Ba-146



64

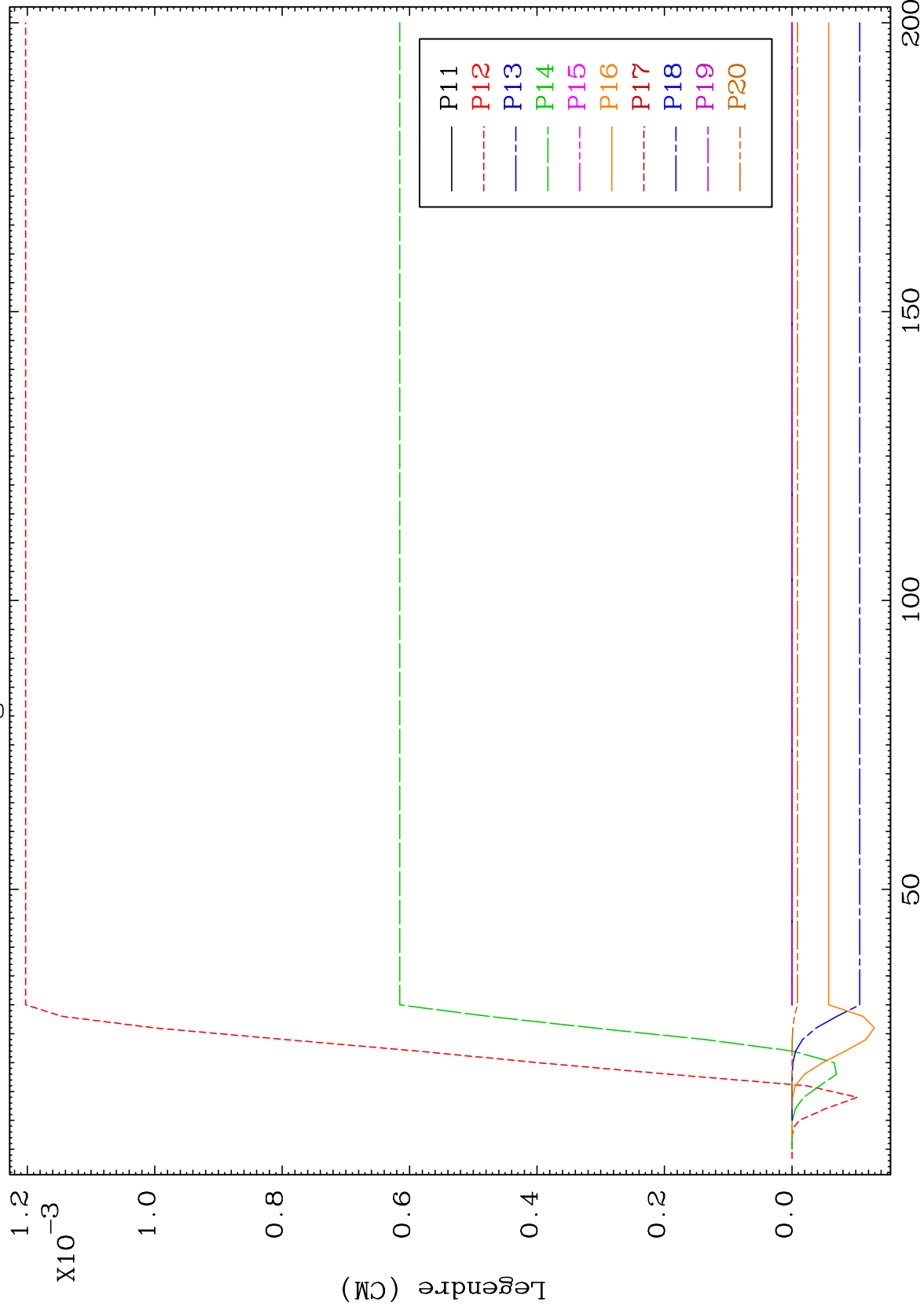
56-Ba-146



MAT 5673

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

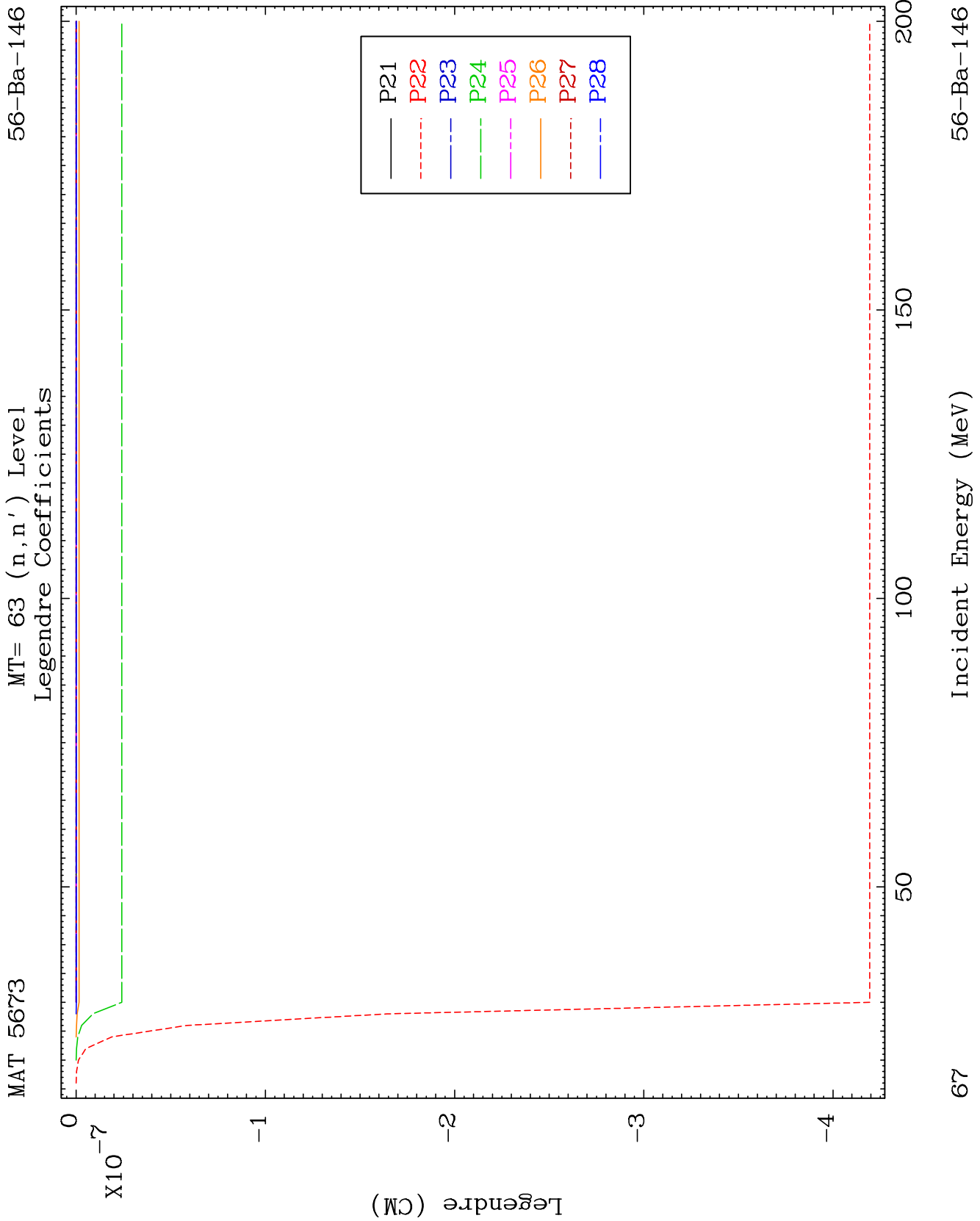
56-Ba-146



66

Incident Energy (MeV)

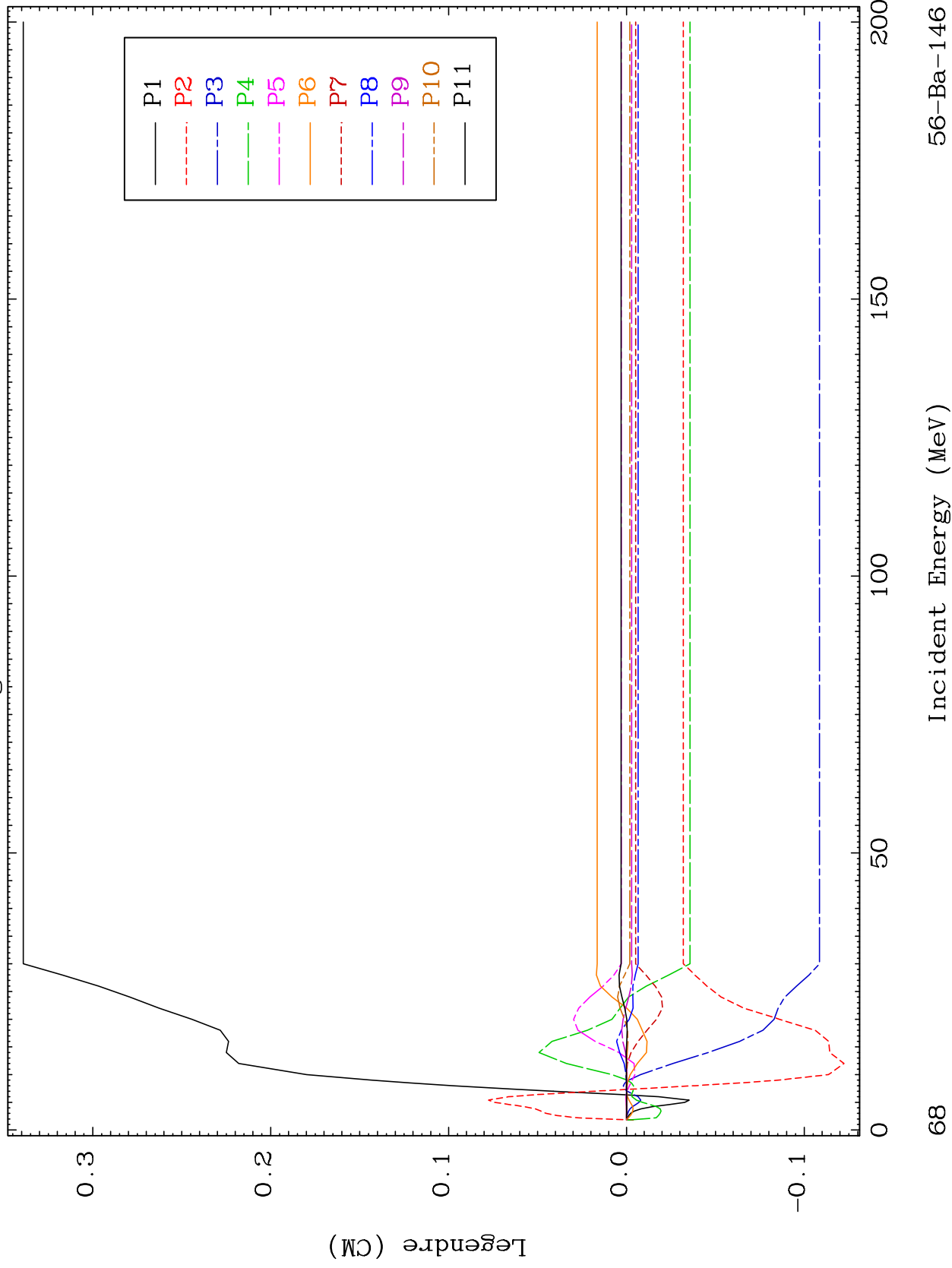
56-Ba-146



MAT 5673

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

56-Ba-146



56-Ba-146

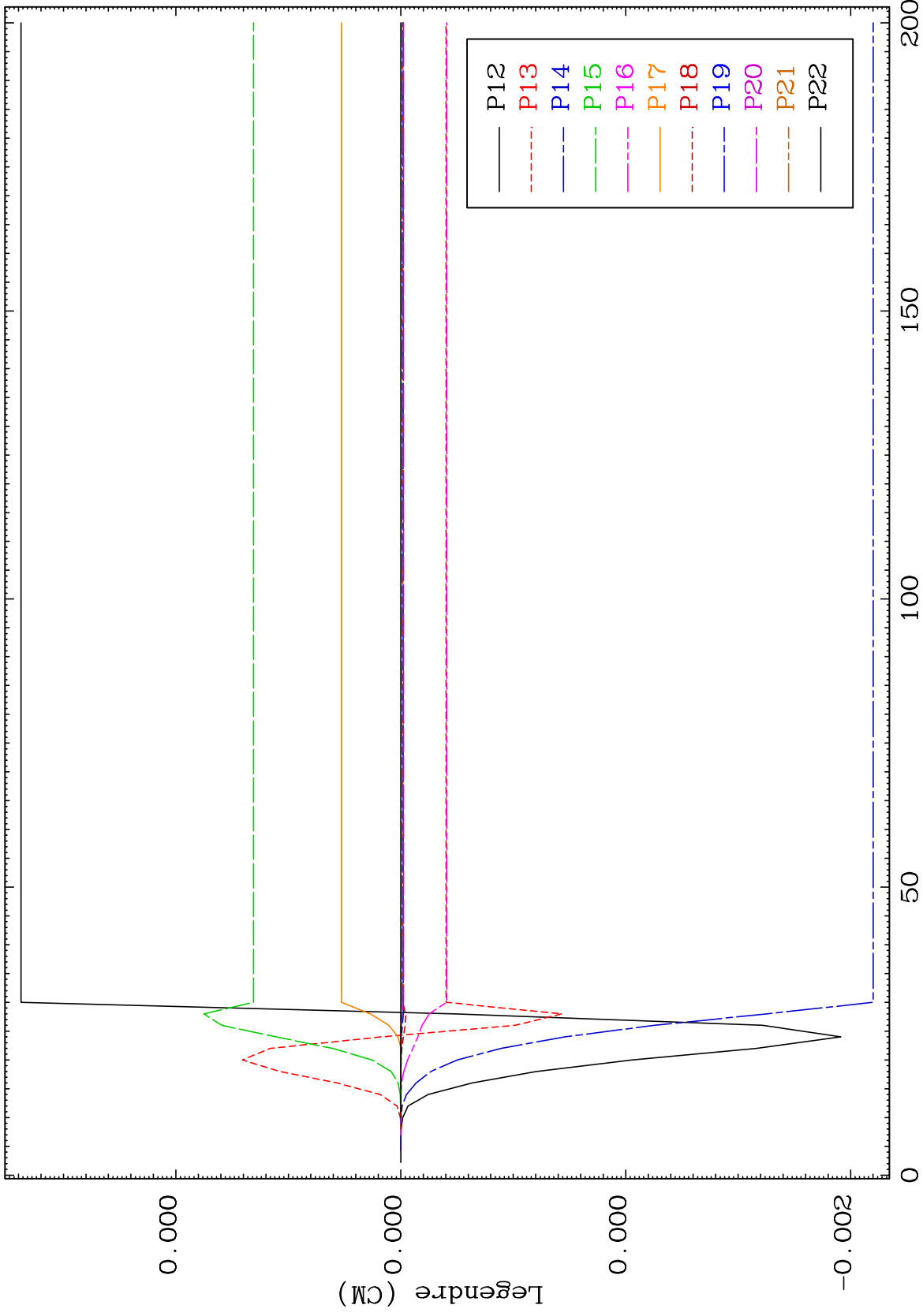
Incident Energy (MeV)

68

MAT 5673

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

56-Ba-146



69

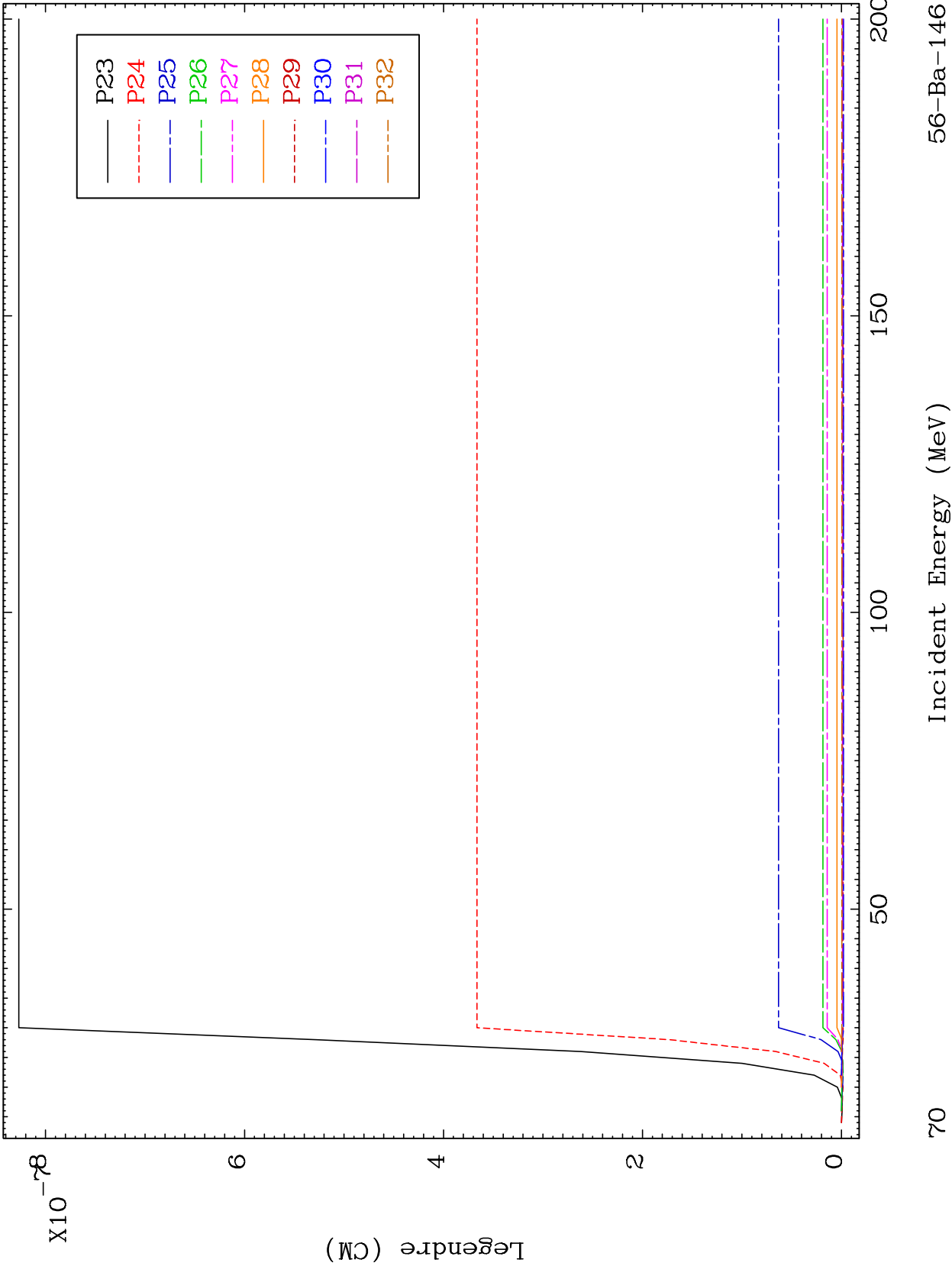
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



70

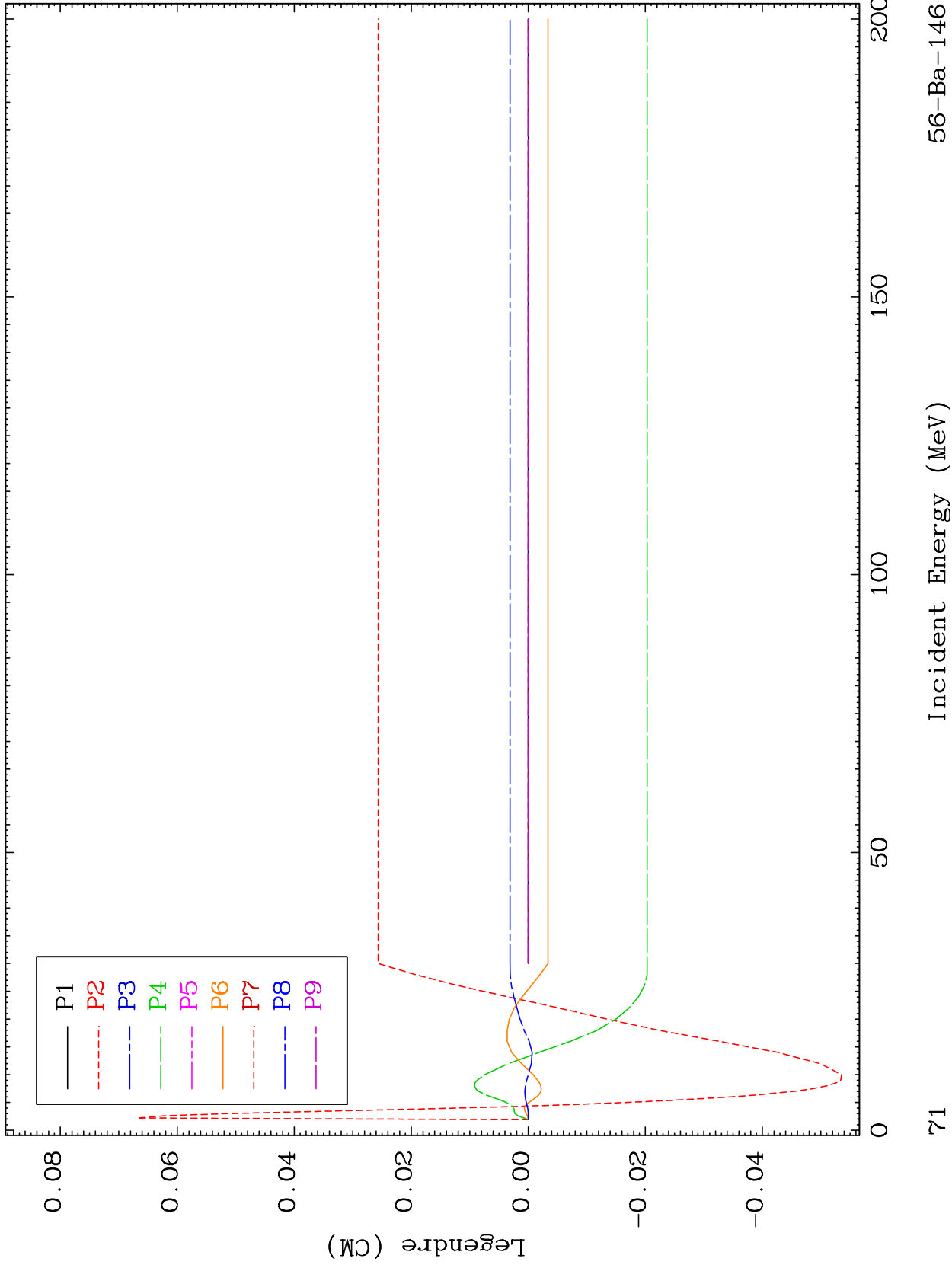
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



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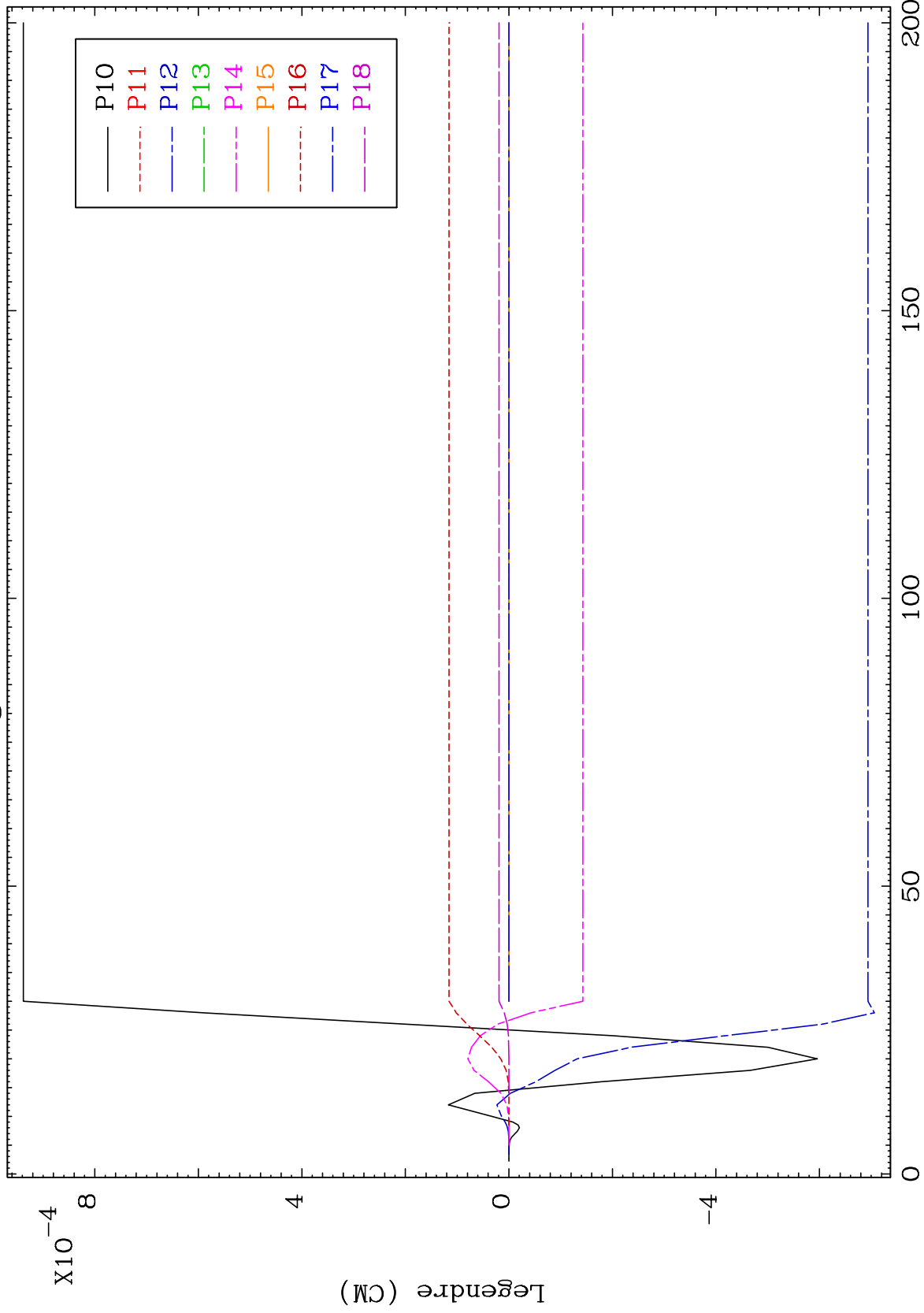
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



72

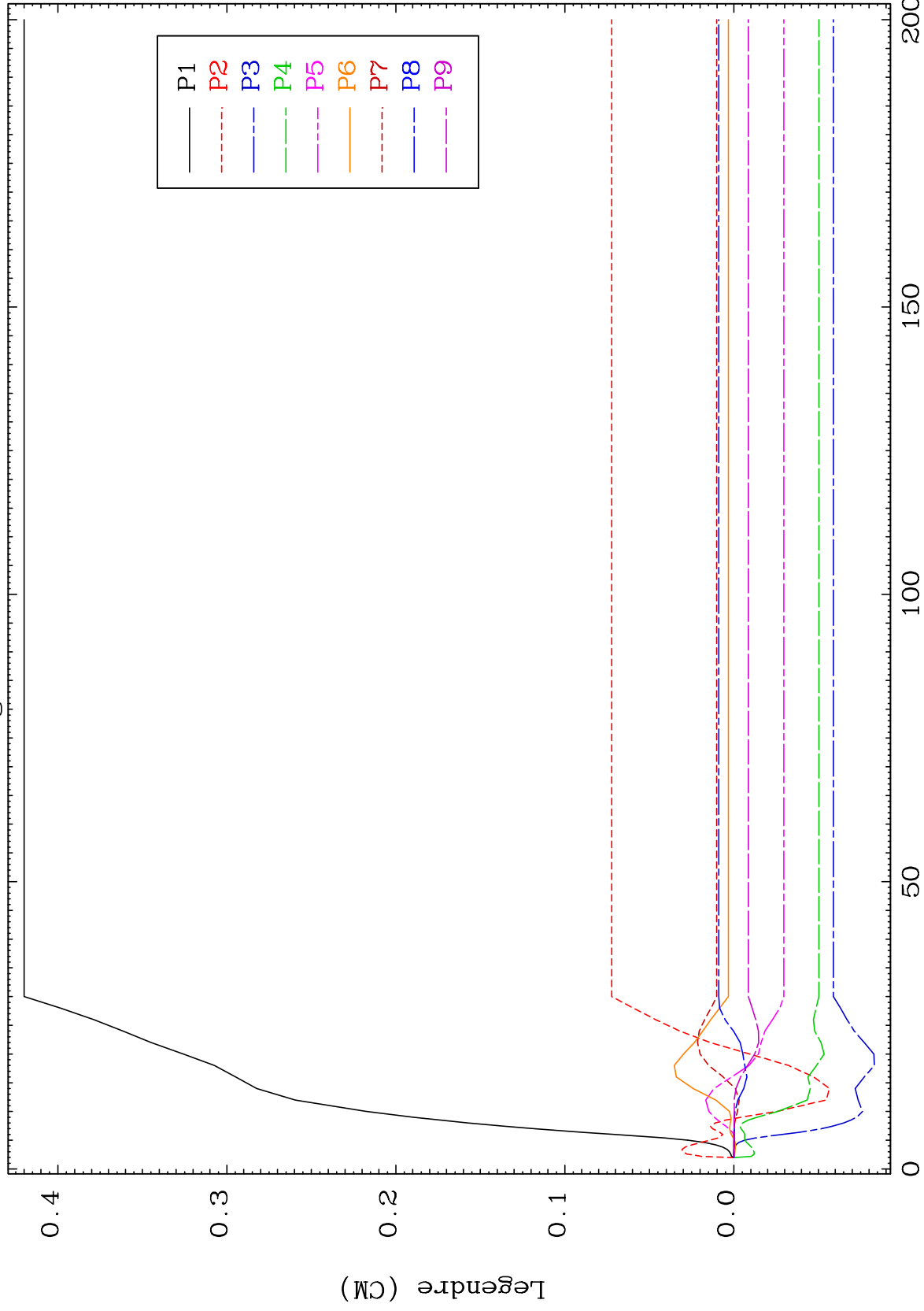
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



74

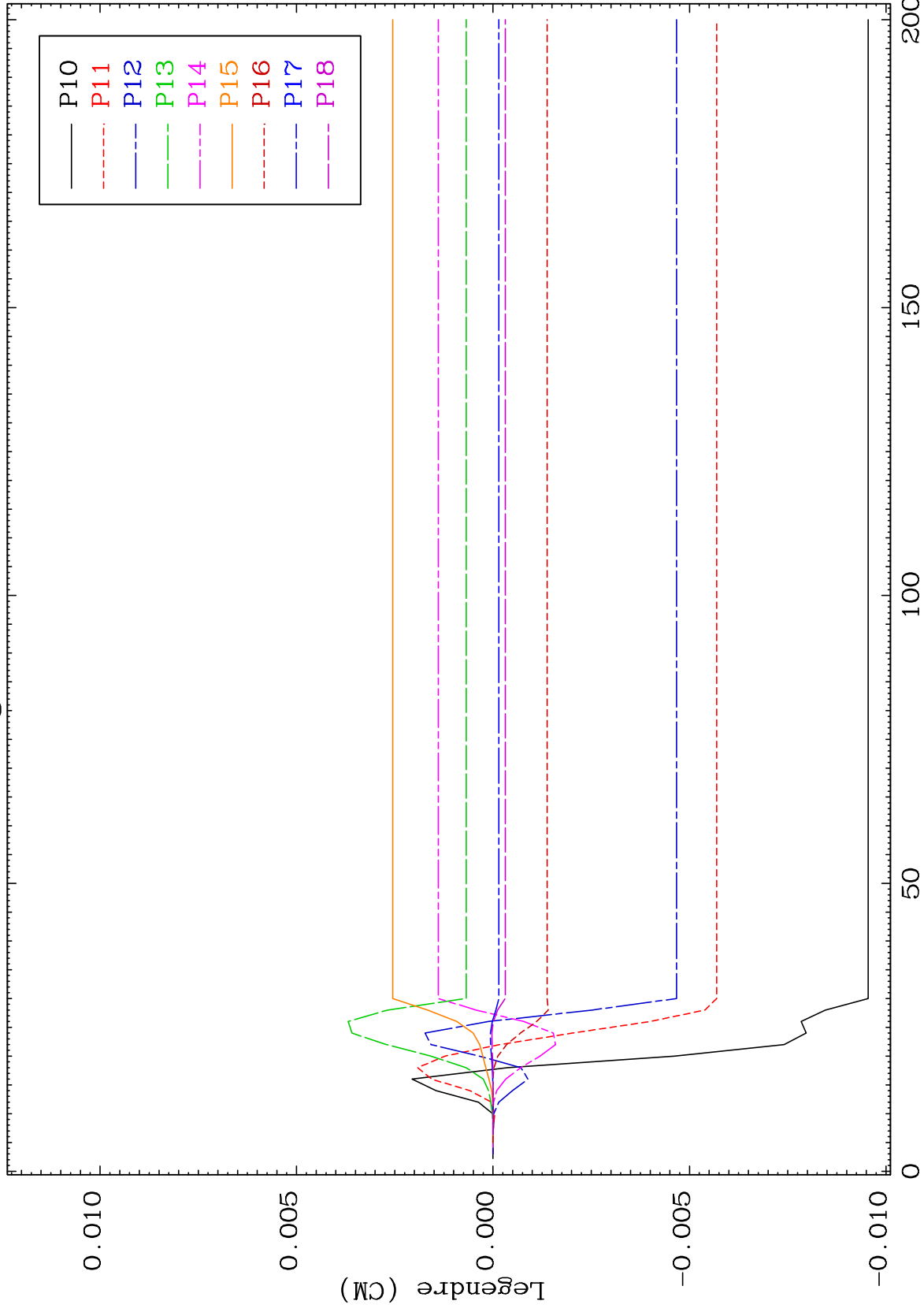
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



75

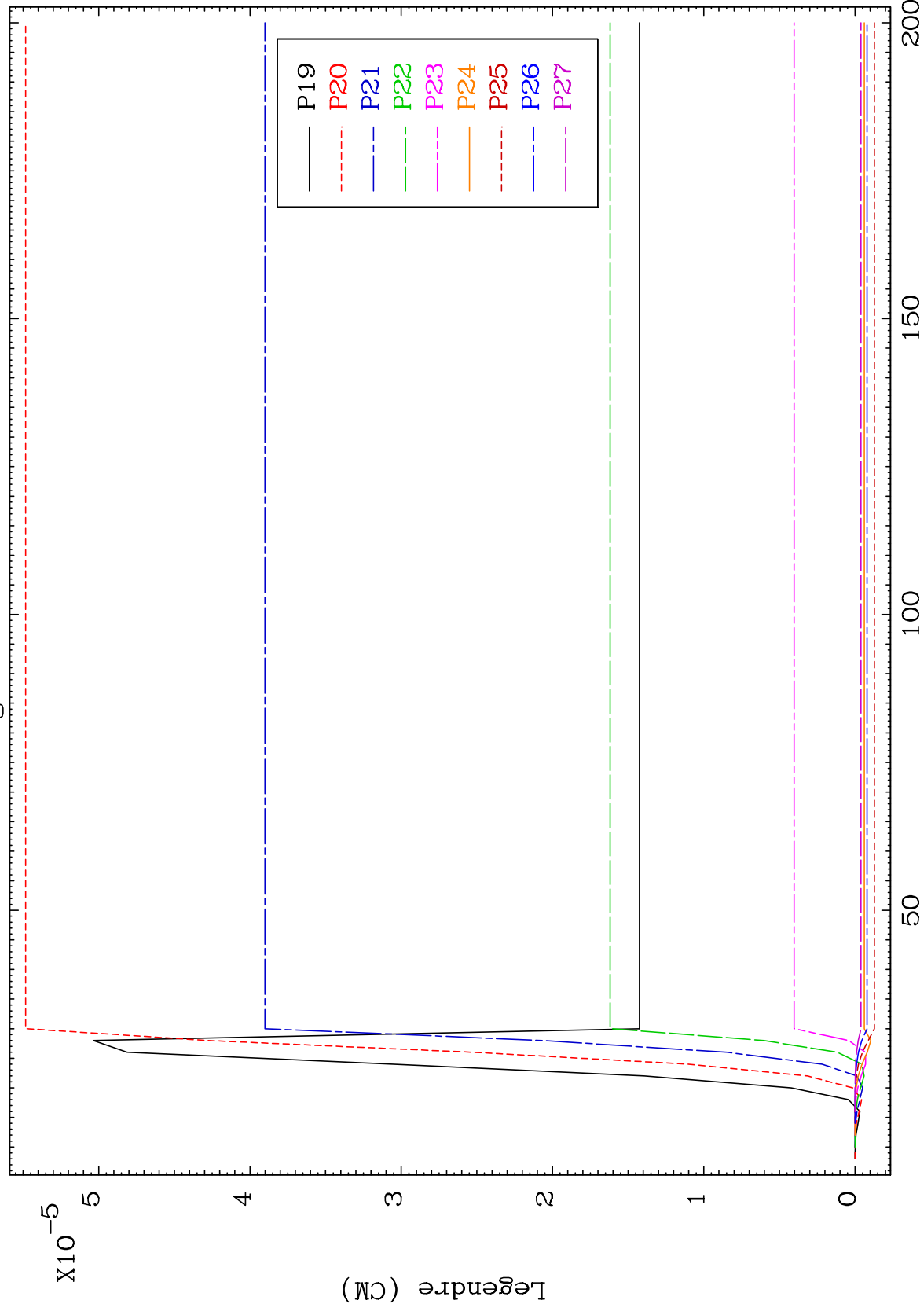
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



76

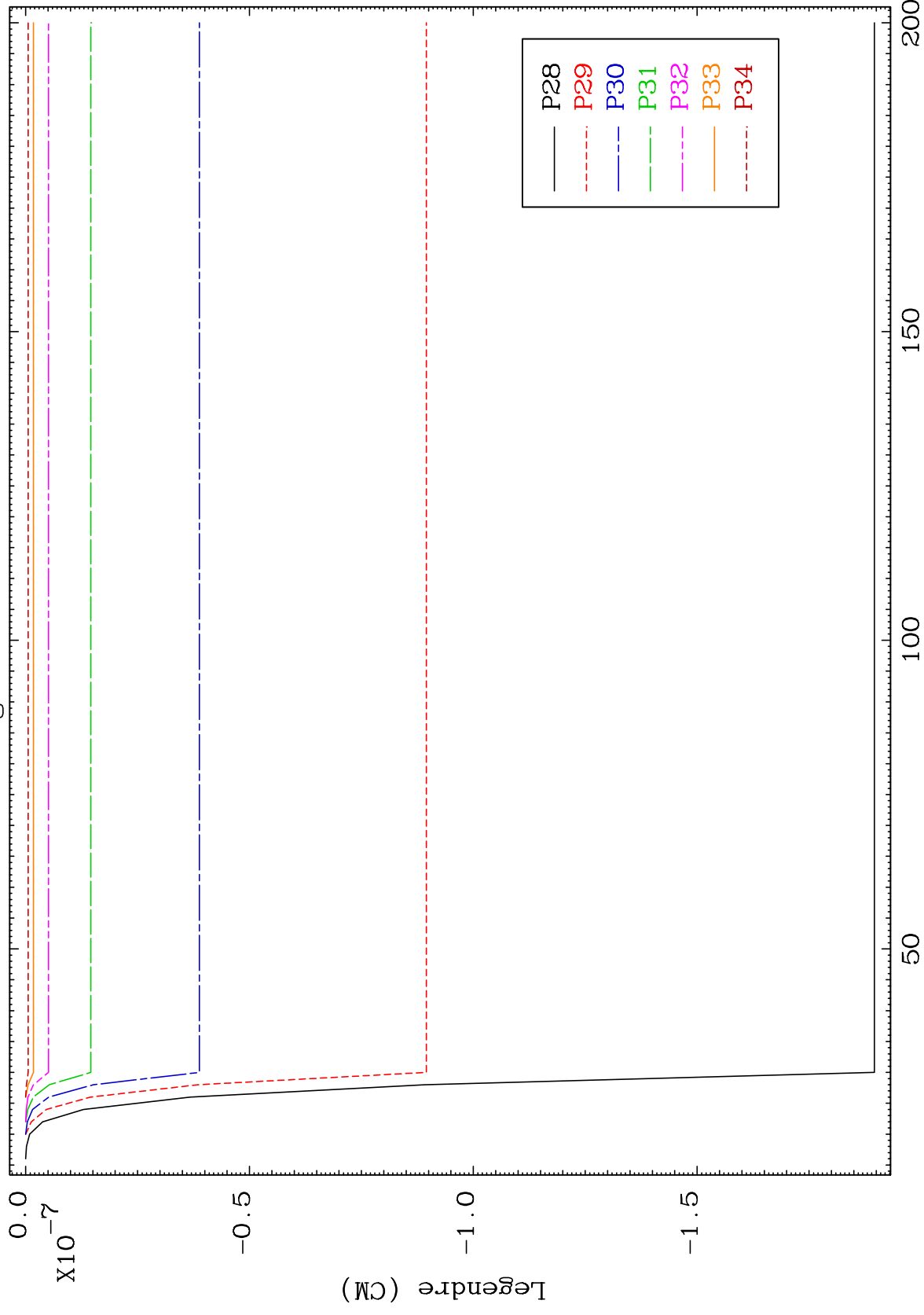
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

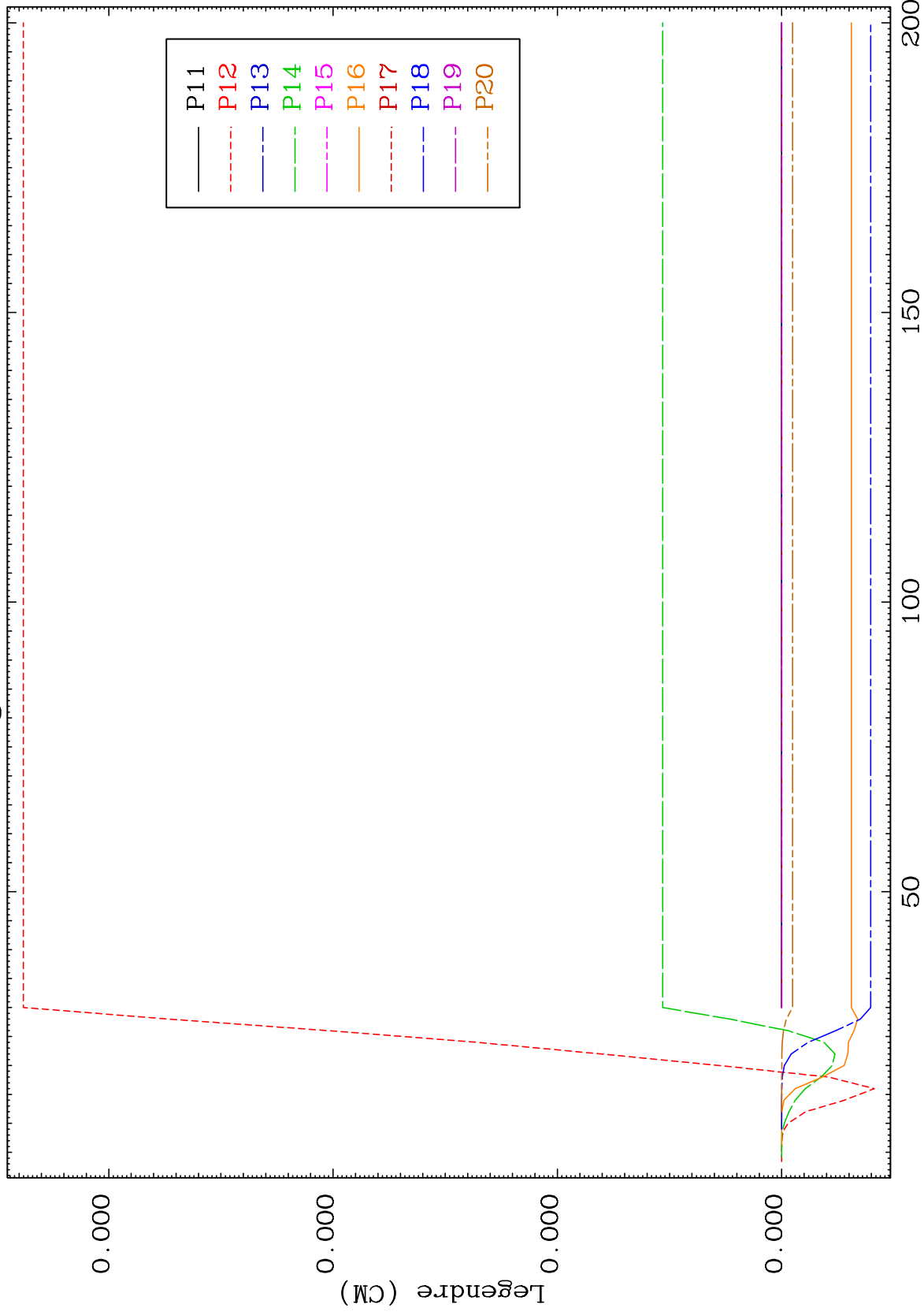
56-Ba-146

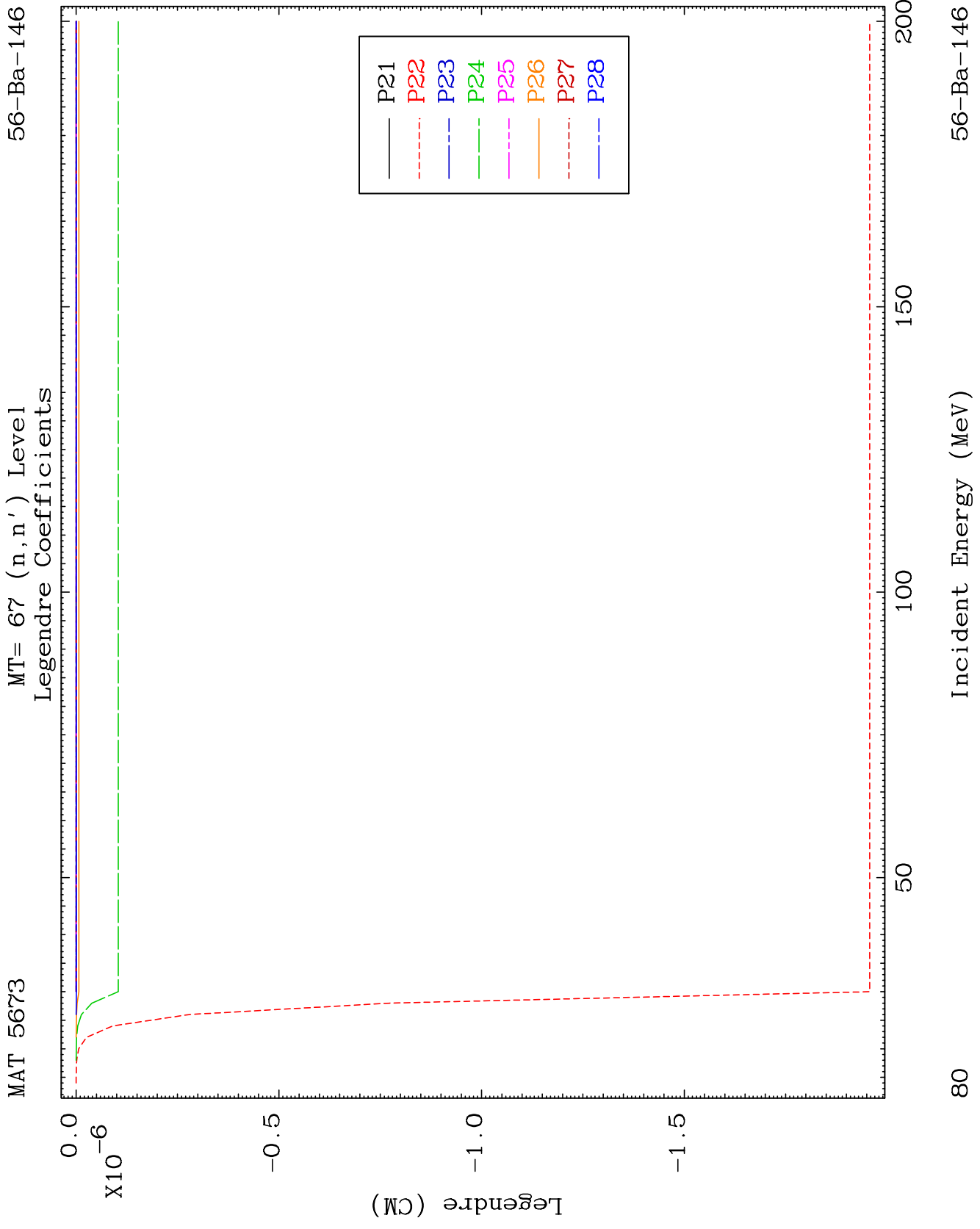


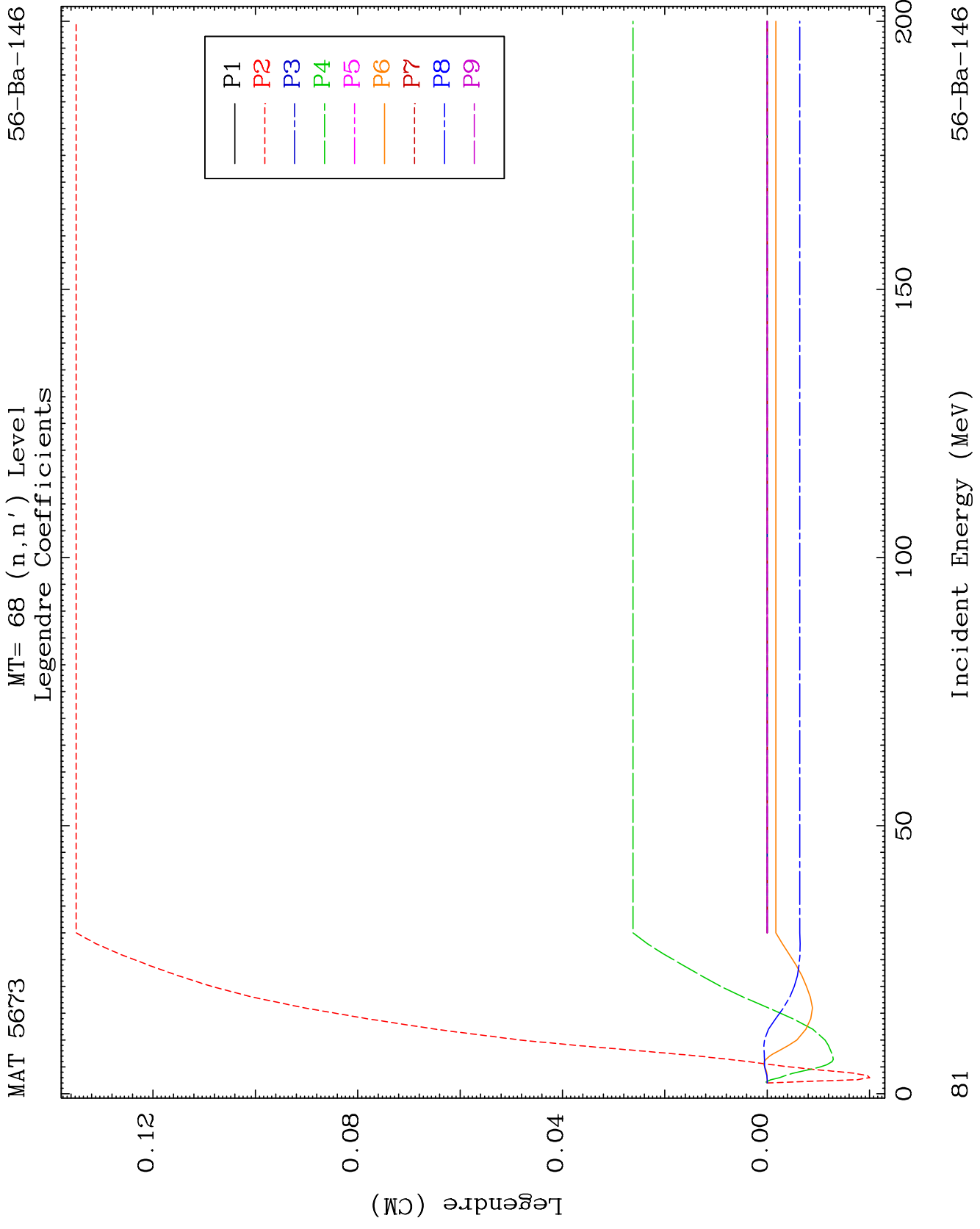
MAT 5673

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

56-Ba-146



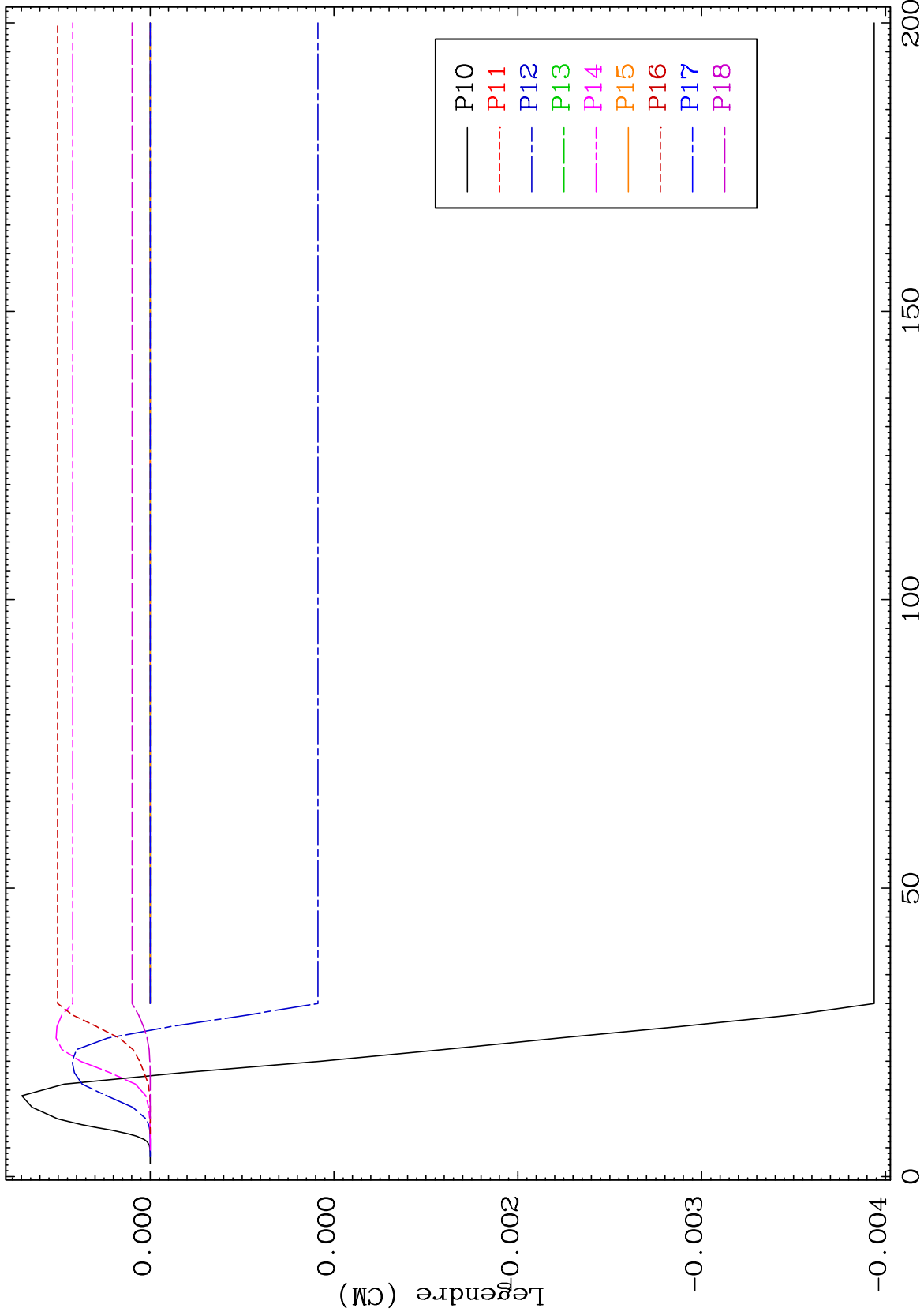




MAT 5673

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

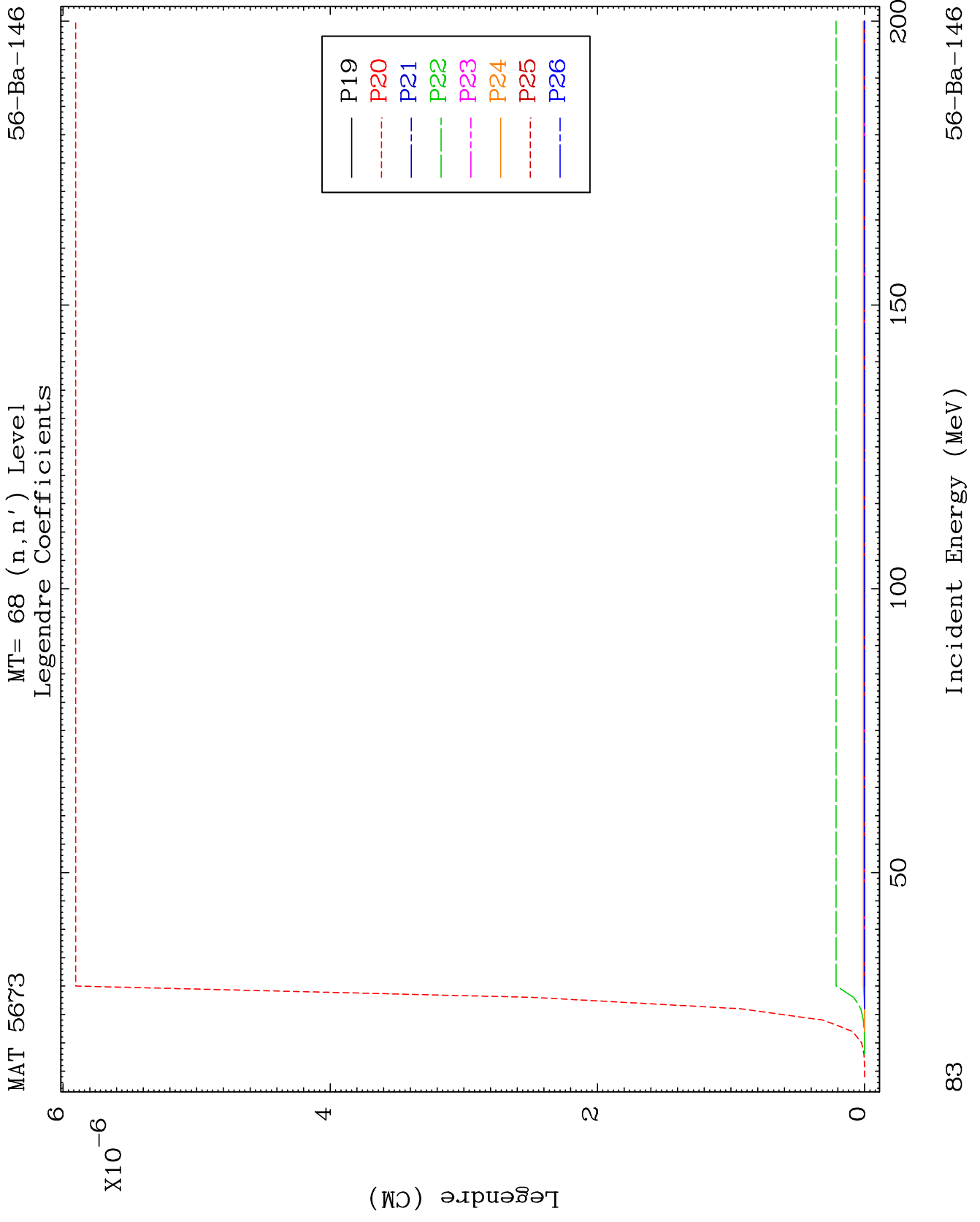
56-Ba-146



82

Incident Energy (MeV)

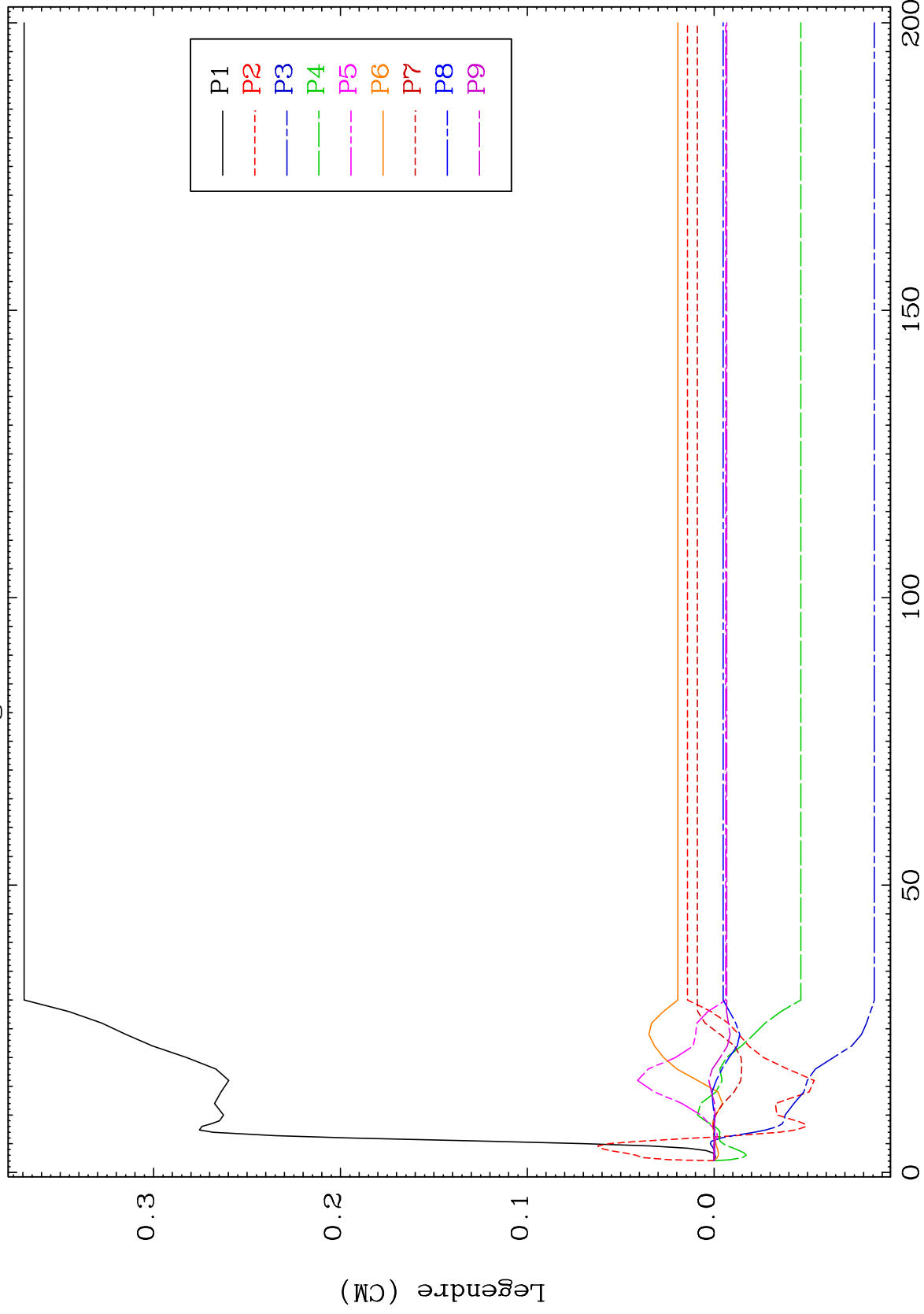
56-Ba-146



MAT 5673

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

56-Ba-146



84

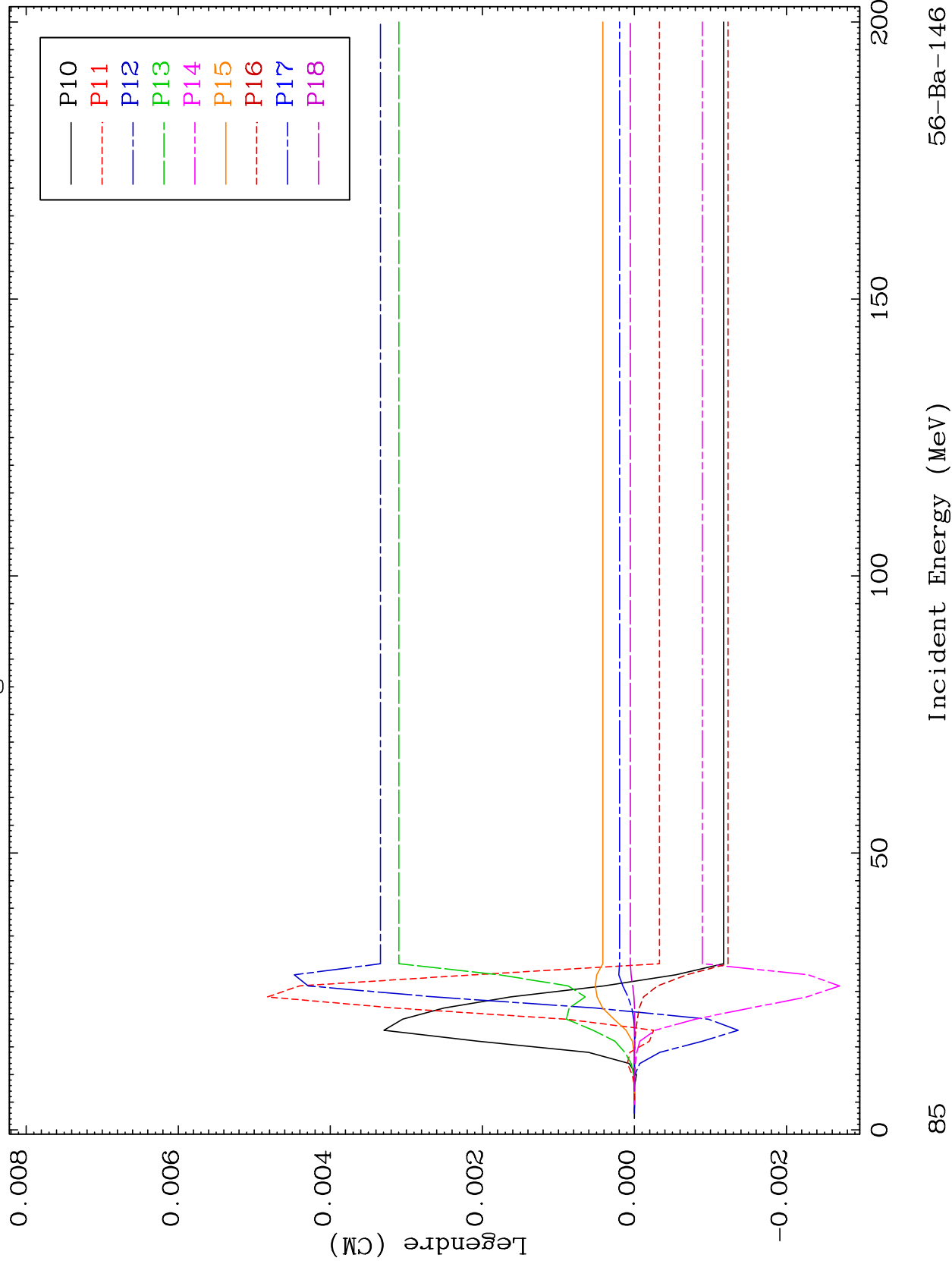
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



56-Ba-146

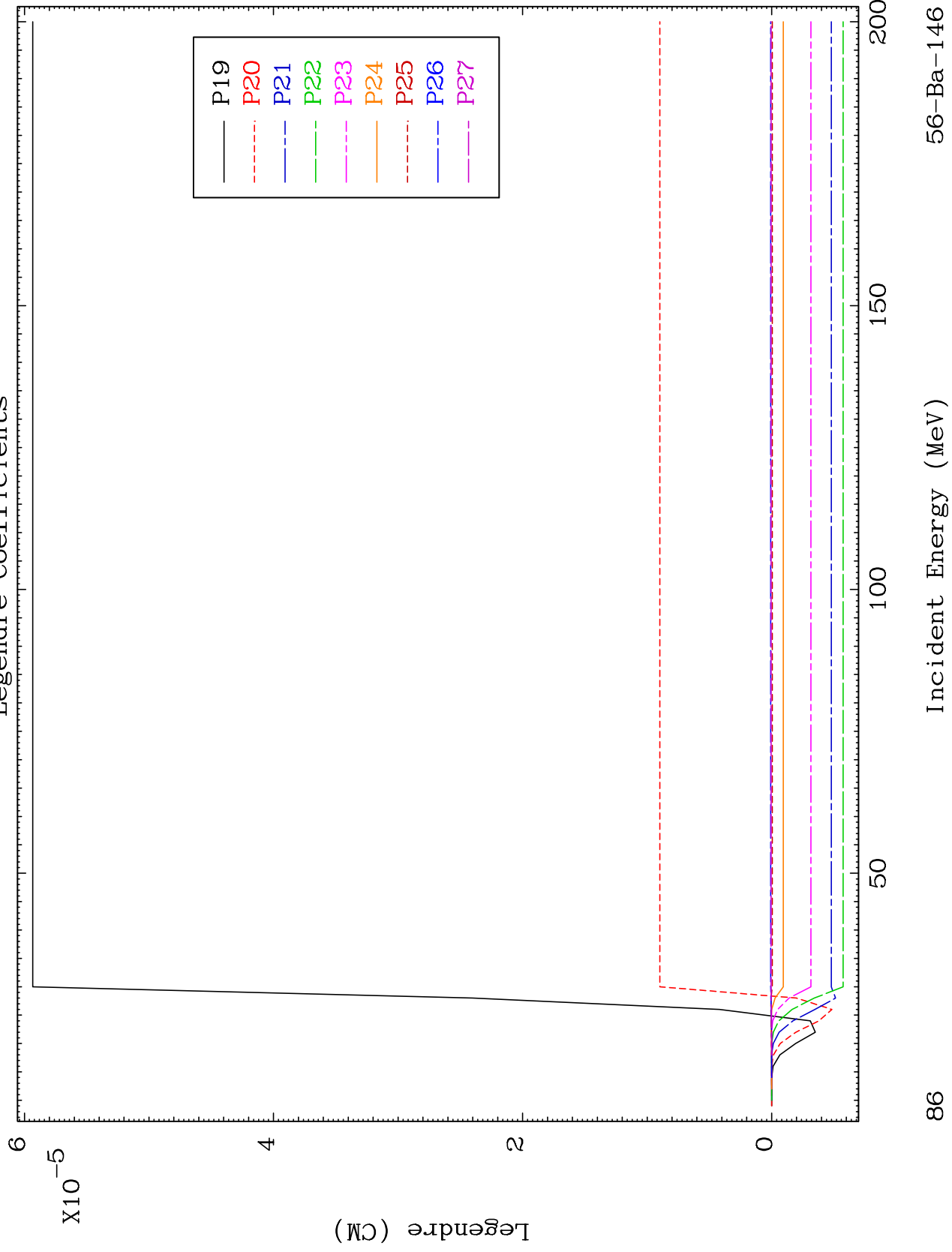
Incident Energy (MeV)

85

MAT 5673

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

56-Ba-146



86

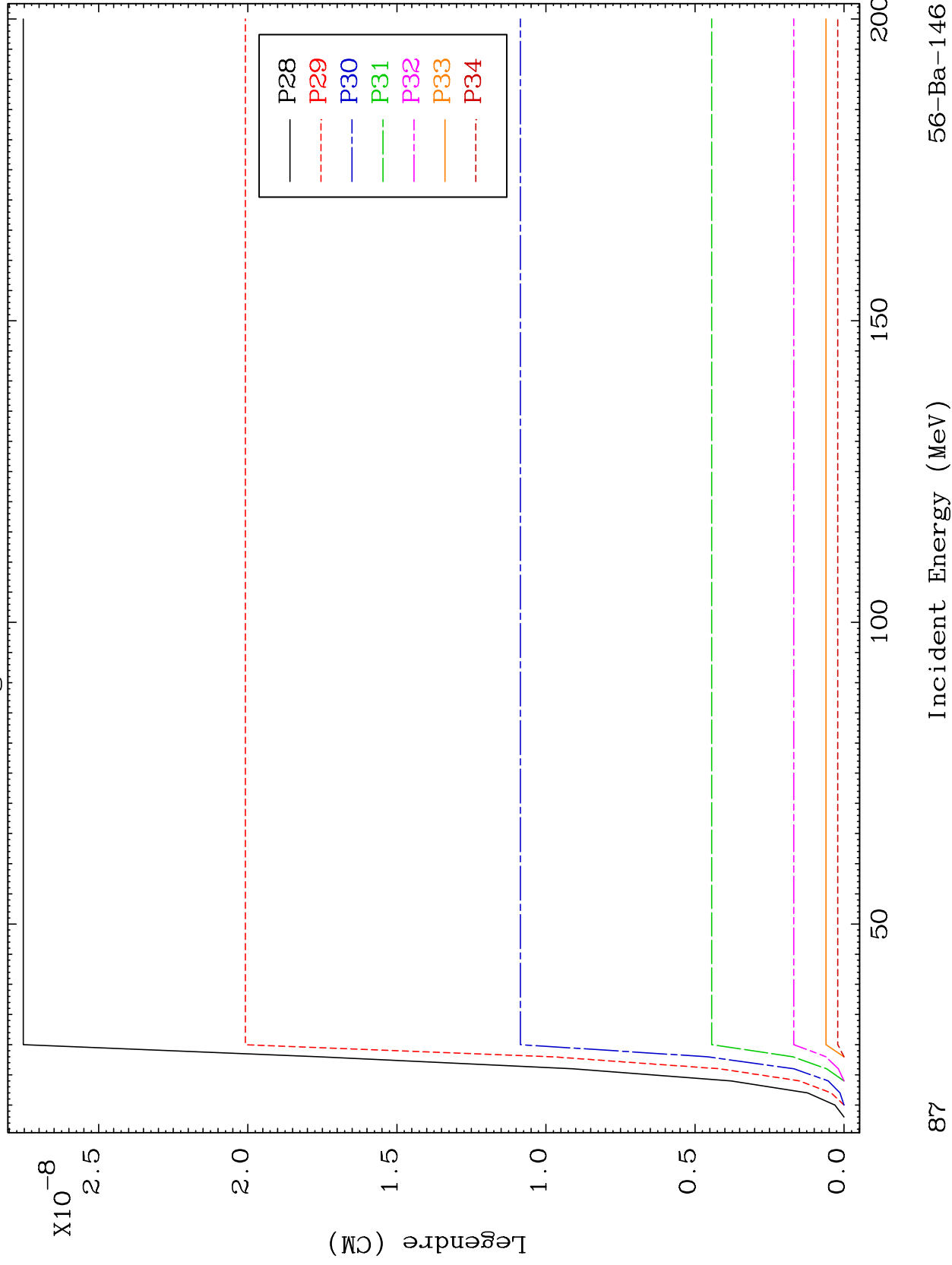
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



87

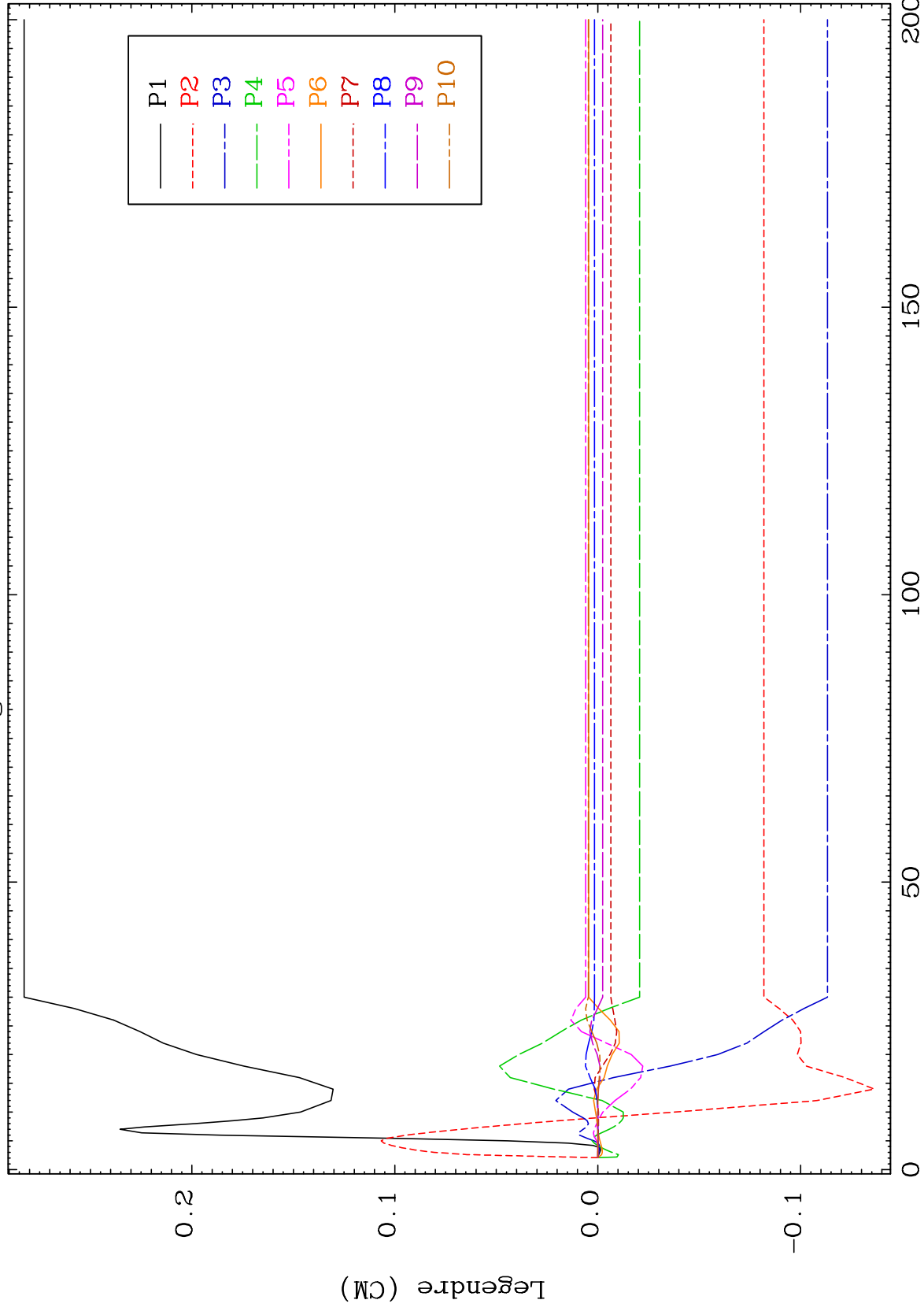
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



88

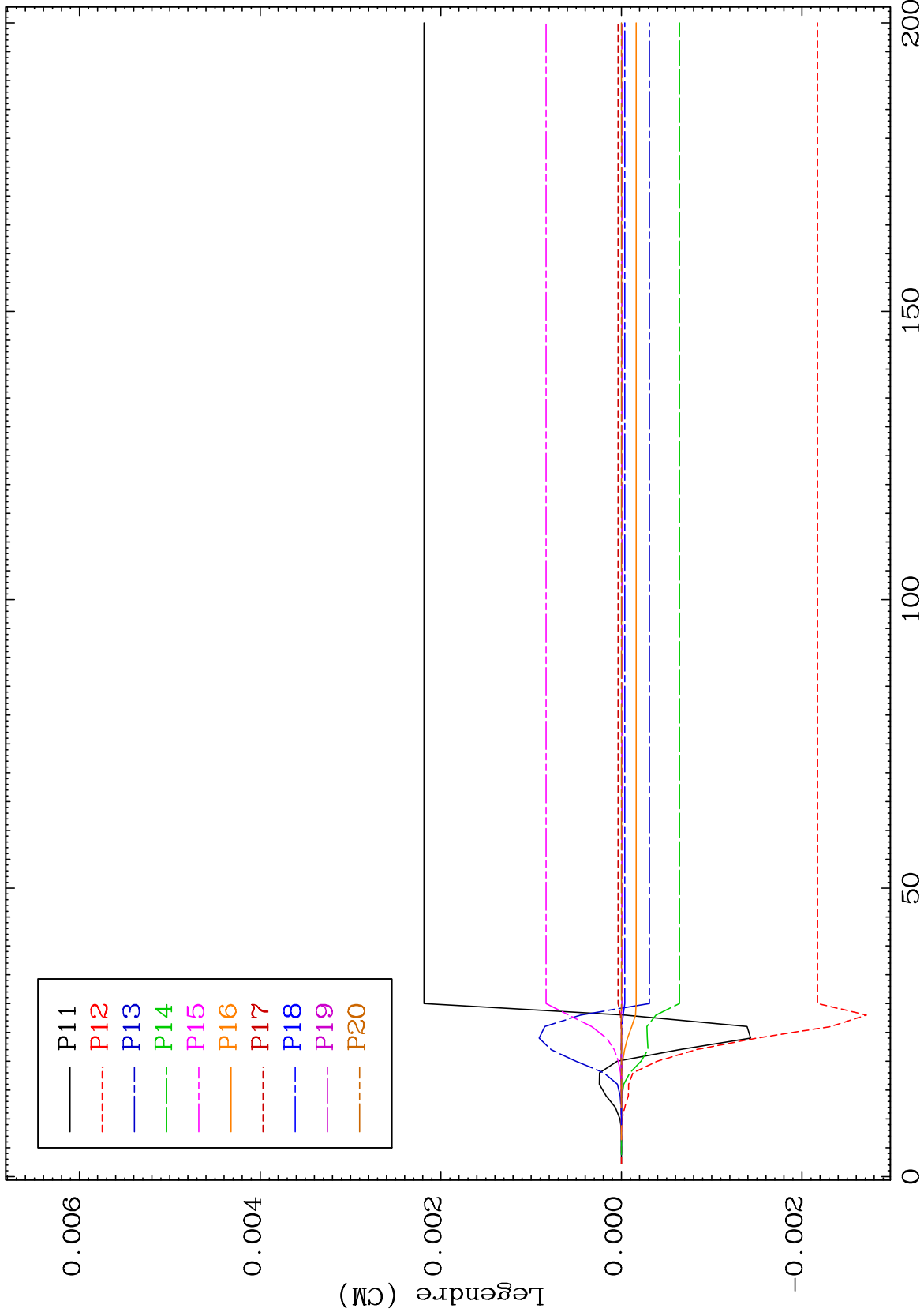
56-Ba-146

56-Ba-146

MAT 5673

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

56-Ba-146



89

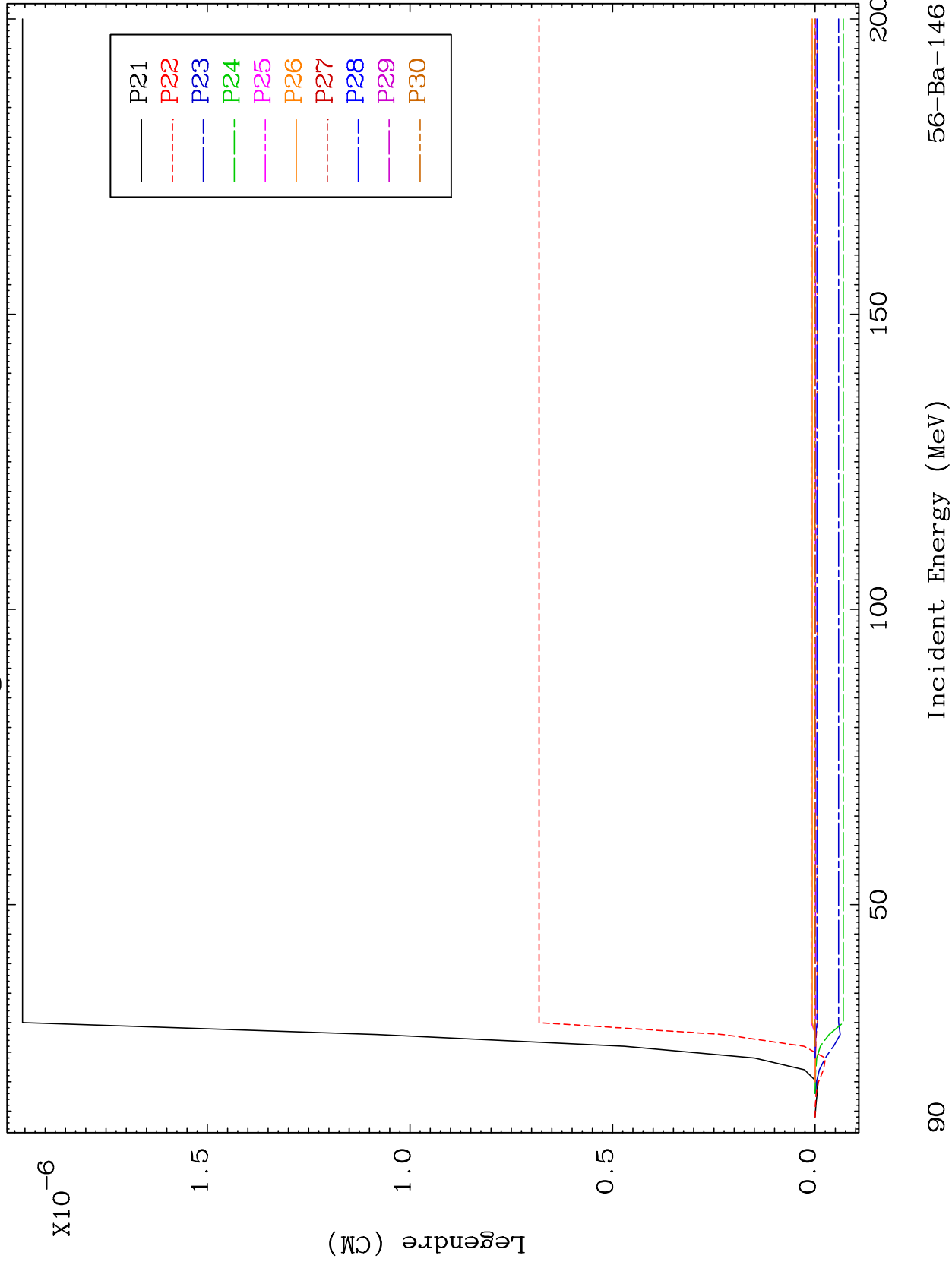
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

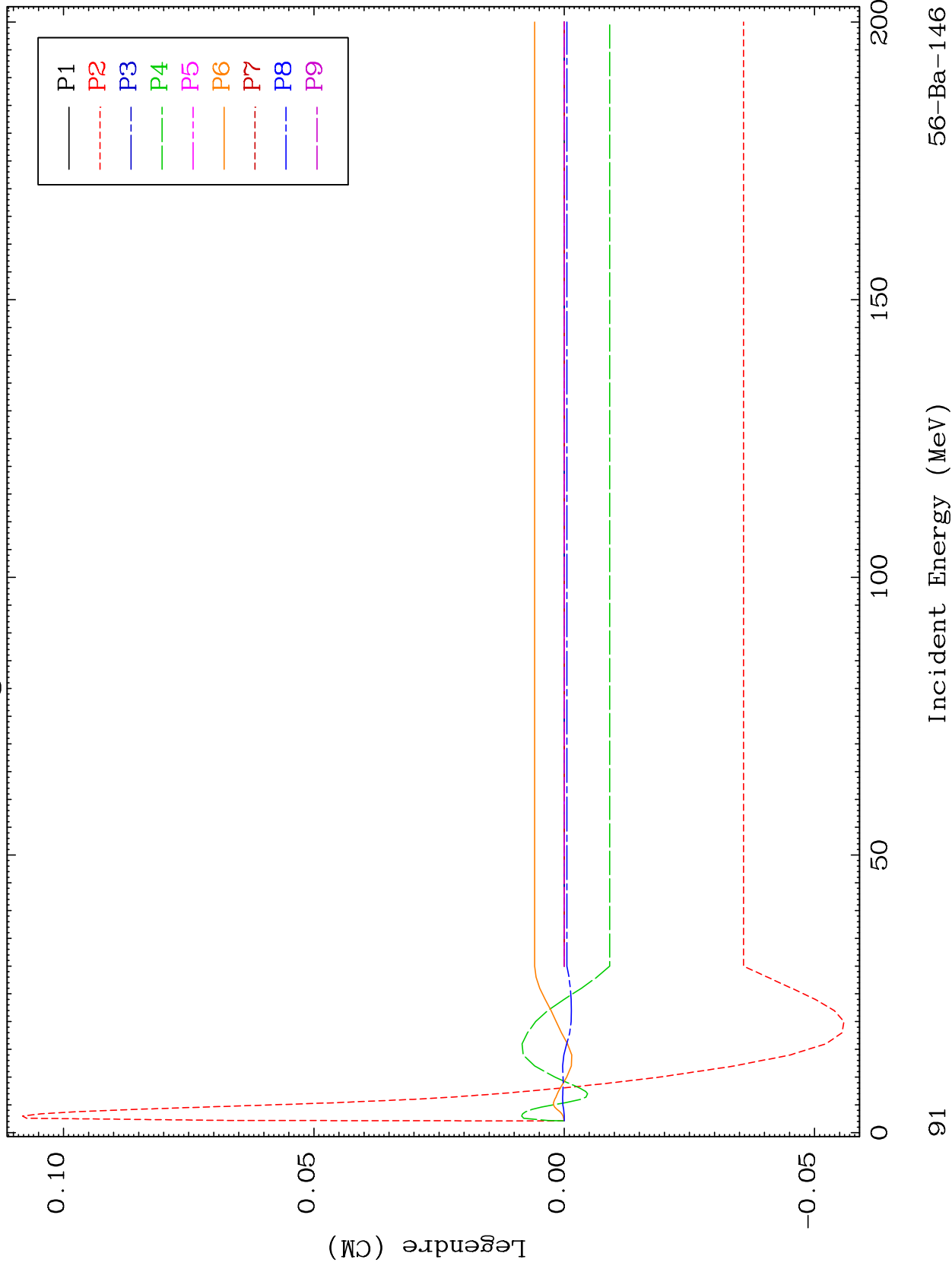
56-Ba-146



MAT 5673

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

56-Ba-146



56-Ba-146

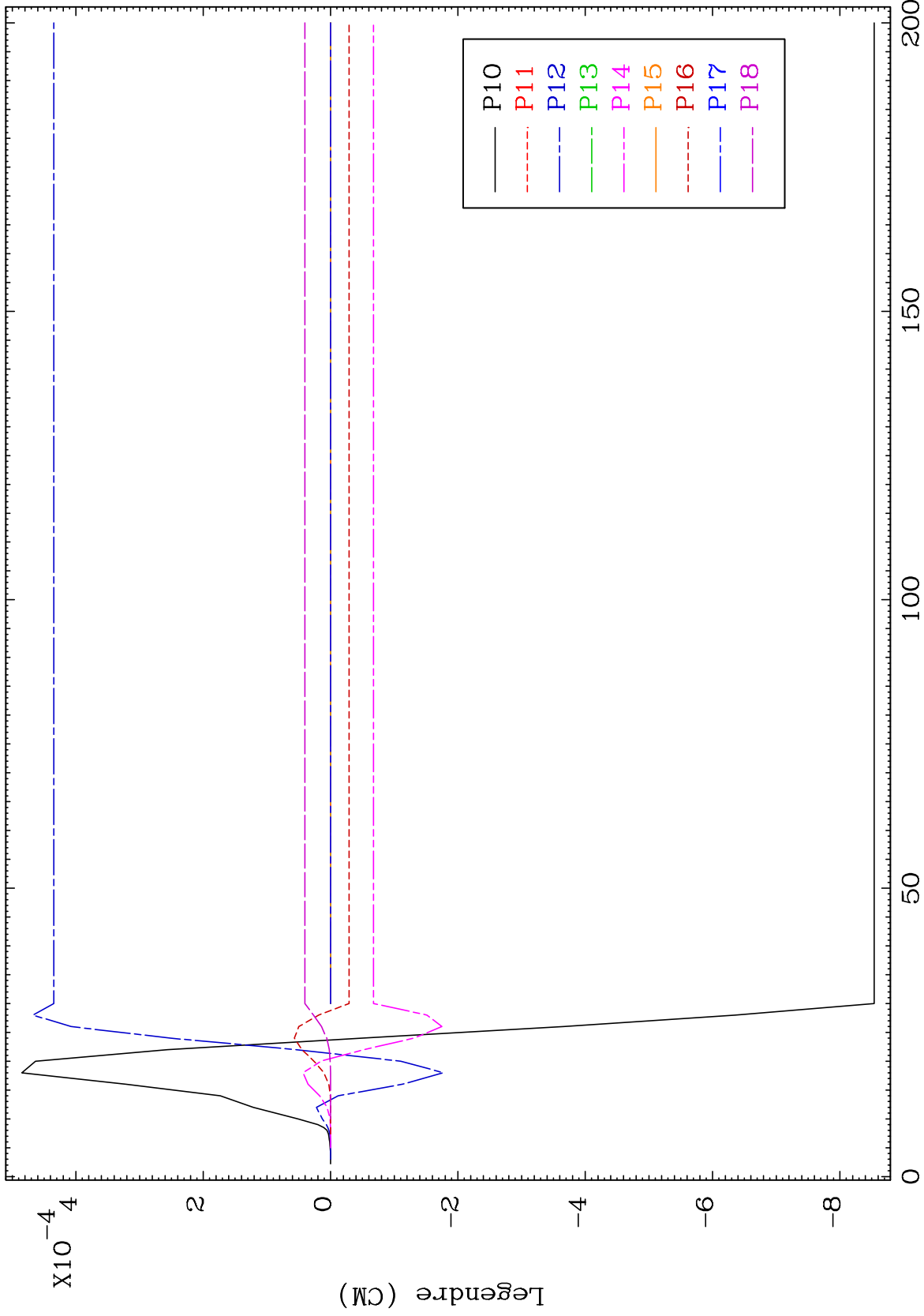
Incident Energy (MeV)

91

MAT 5673

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

56-Ba-146



92

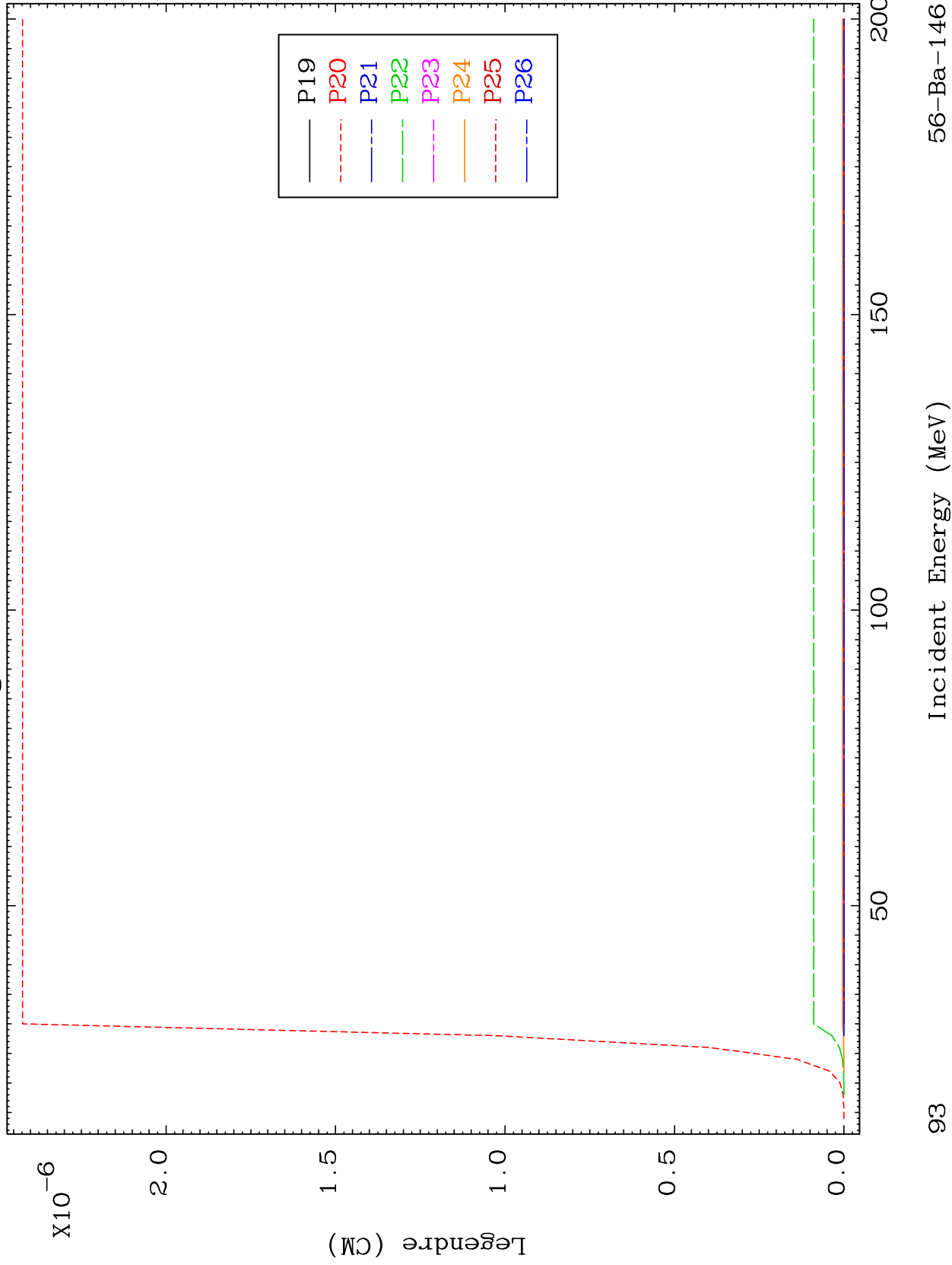
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

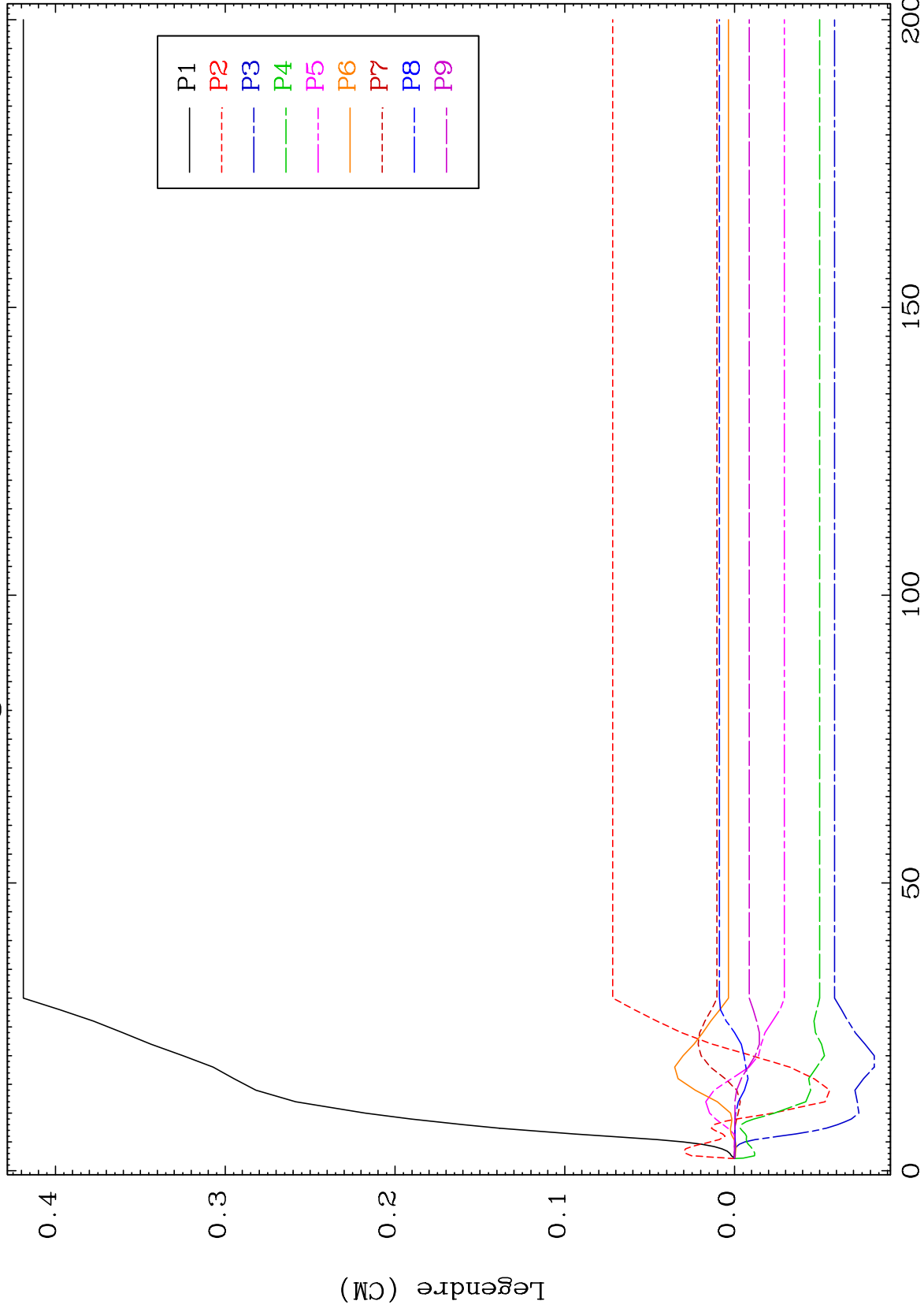
56-Ba-146



MAT 5673

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

56-Ba-146



94

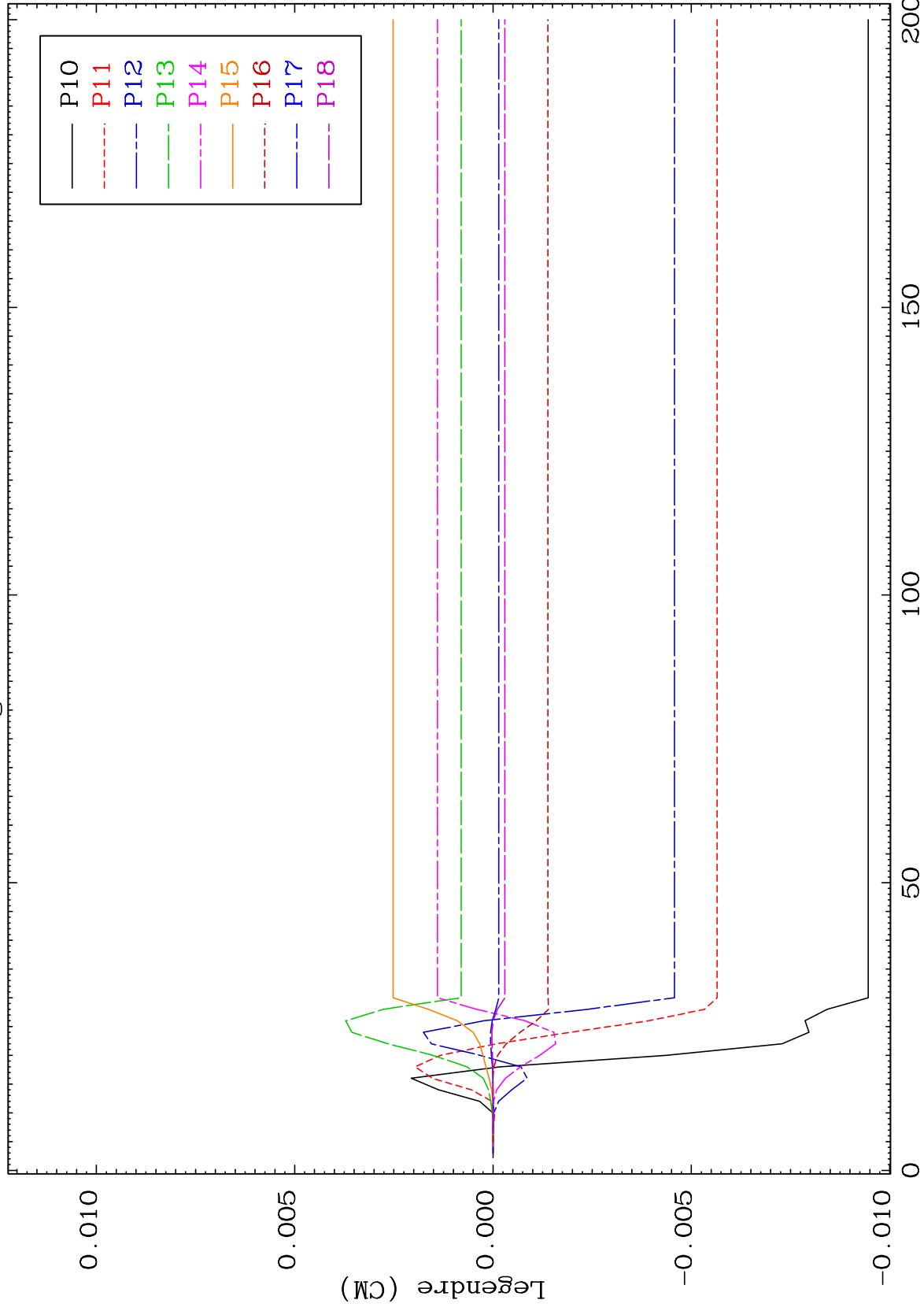
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



95

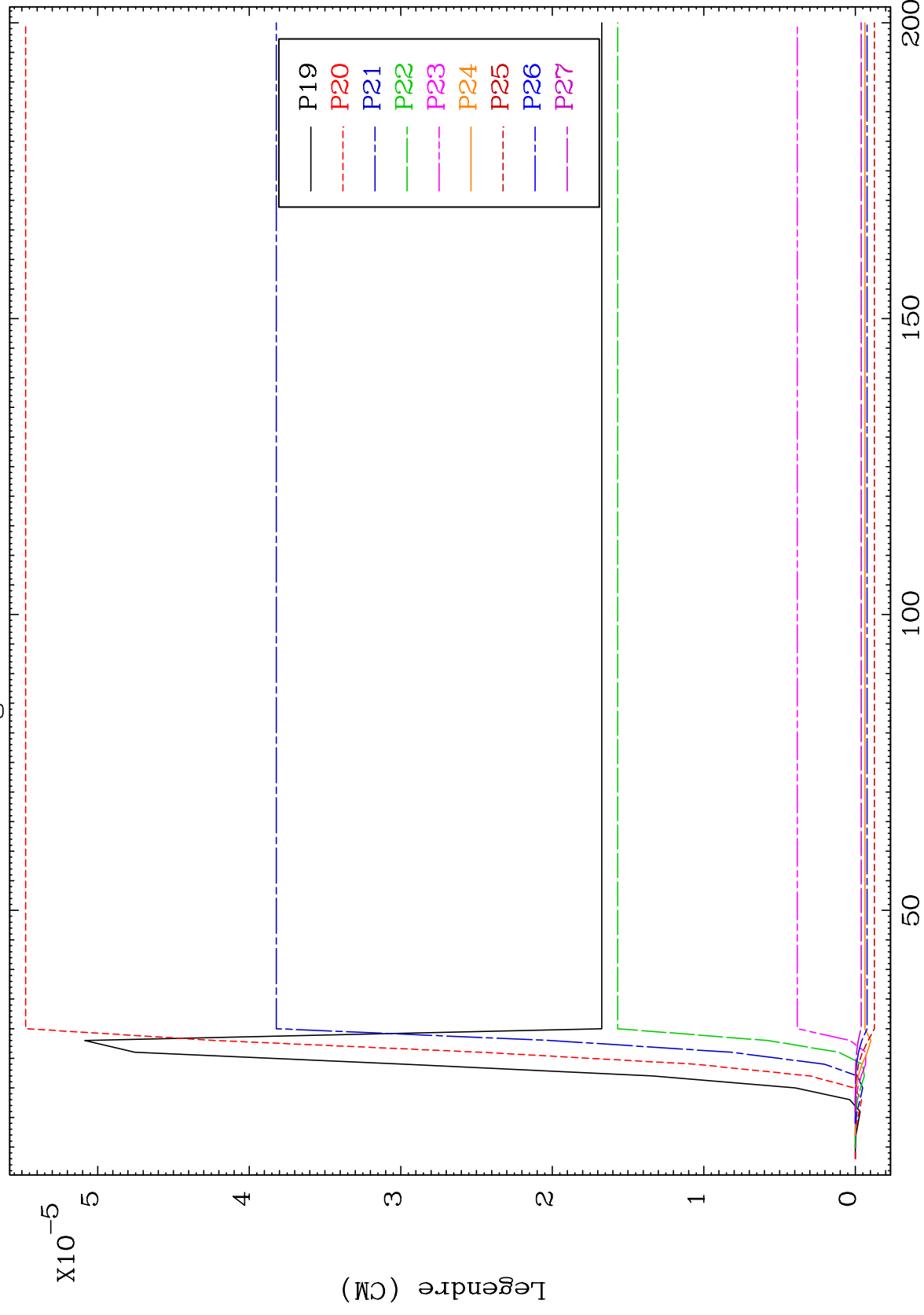
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



96

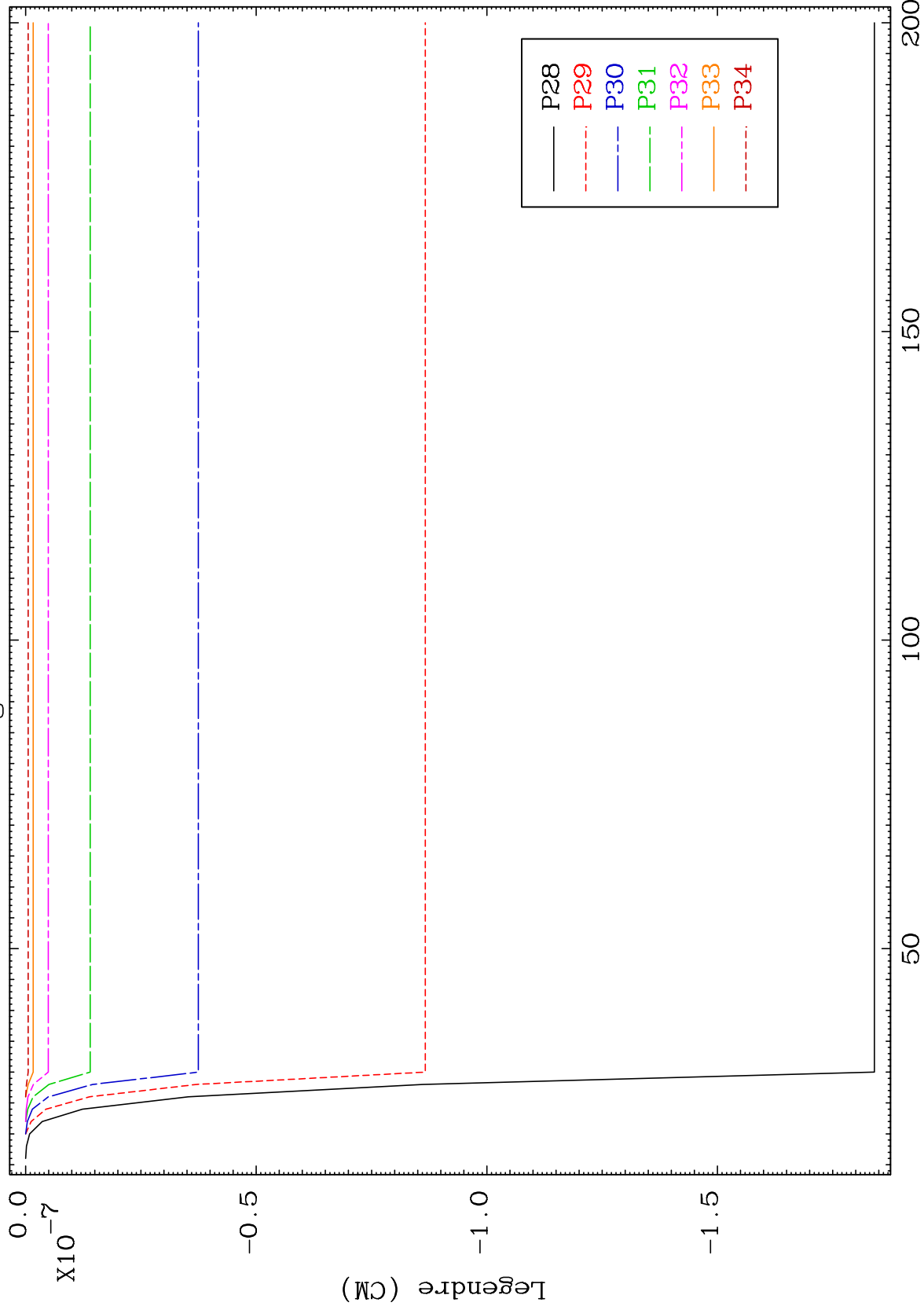
56-Ba-146

MAT 5673

MT= 72 (n,n') Level

56-Ba-146

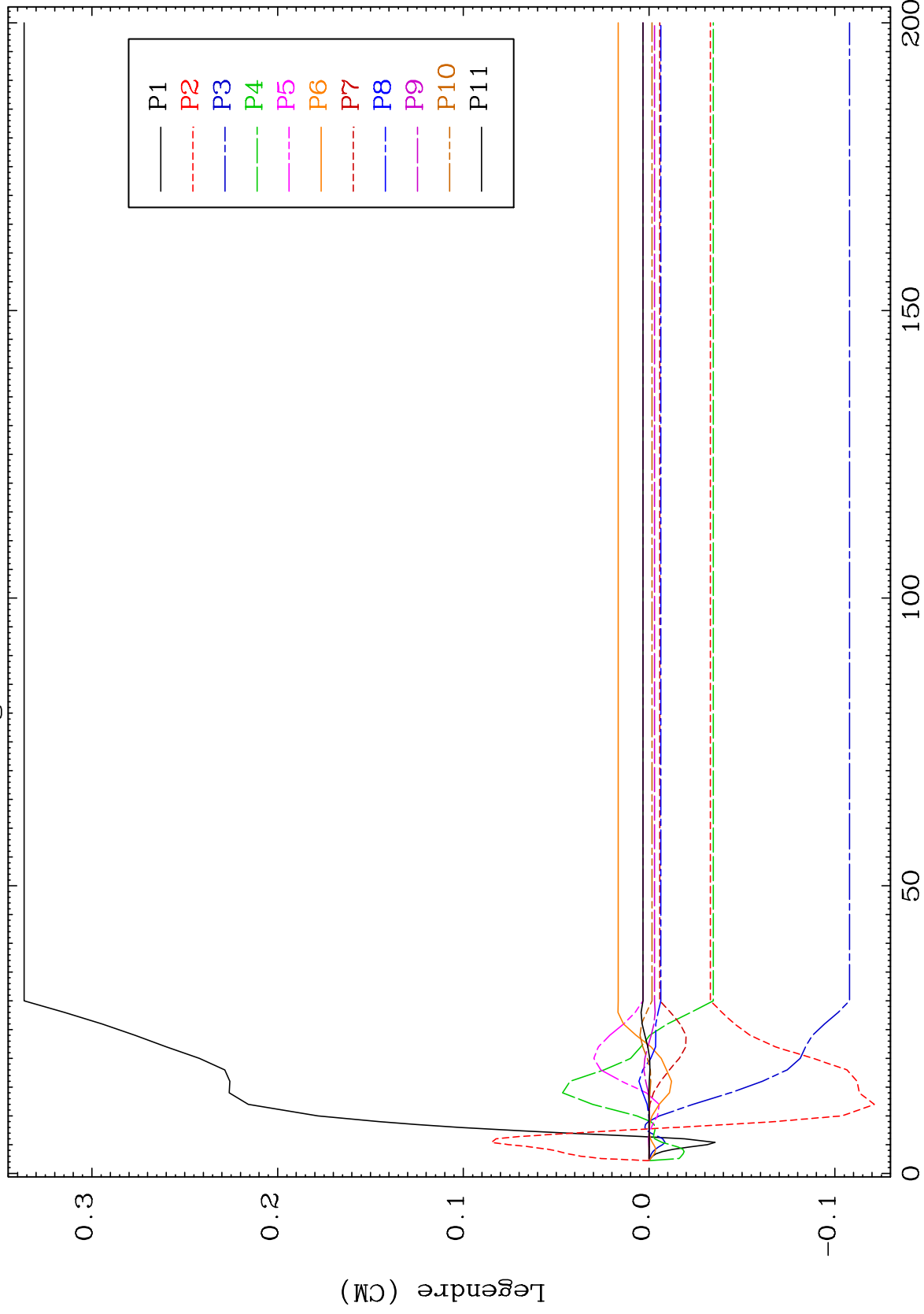
Legendre Coefficients



MAT 5673

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

56-Ba-146



98

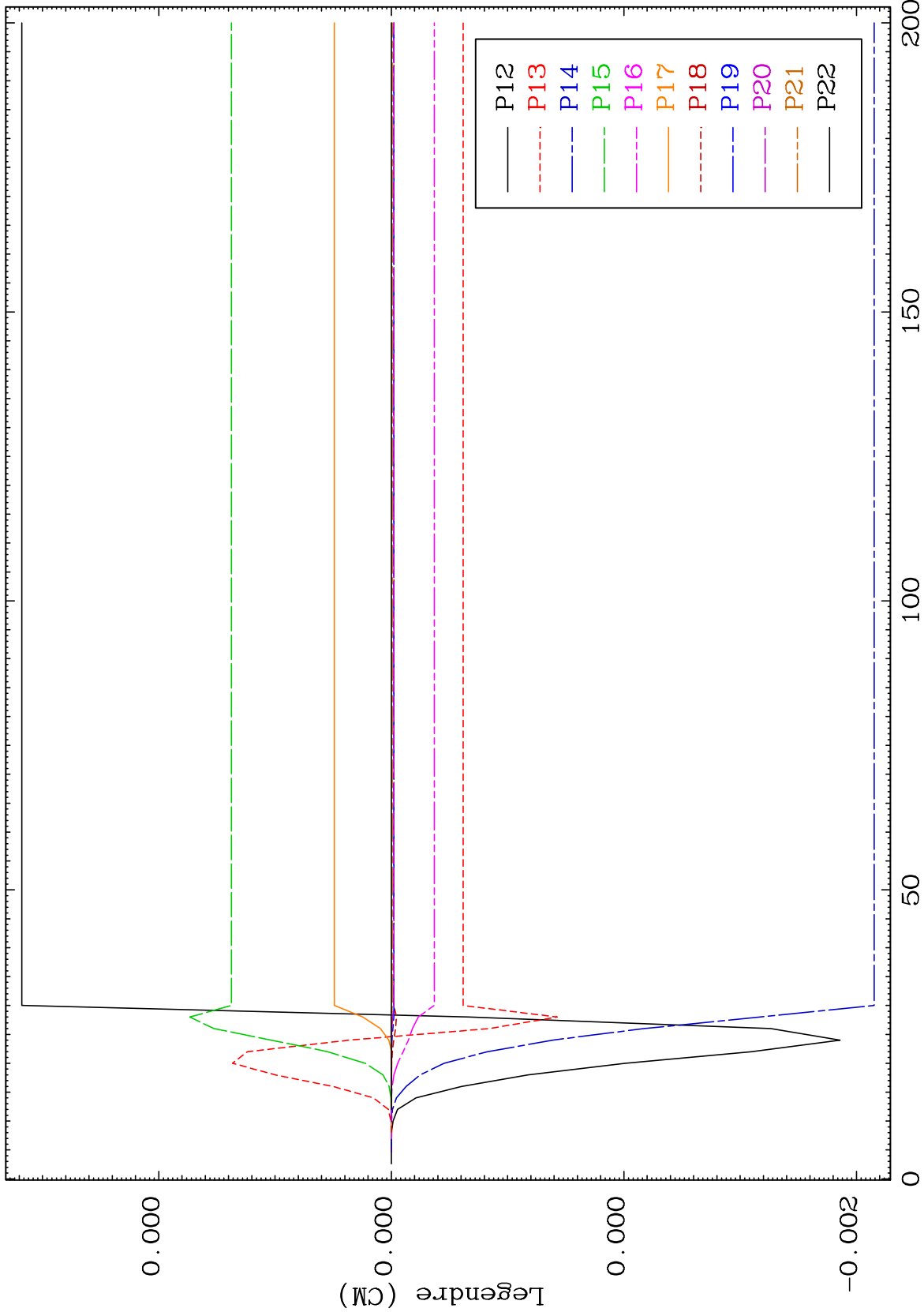
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



99

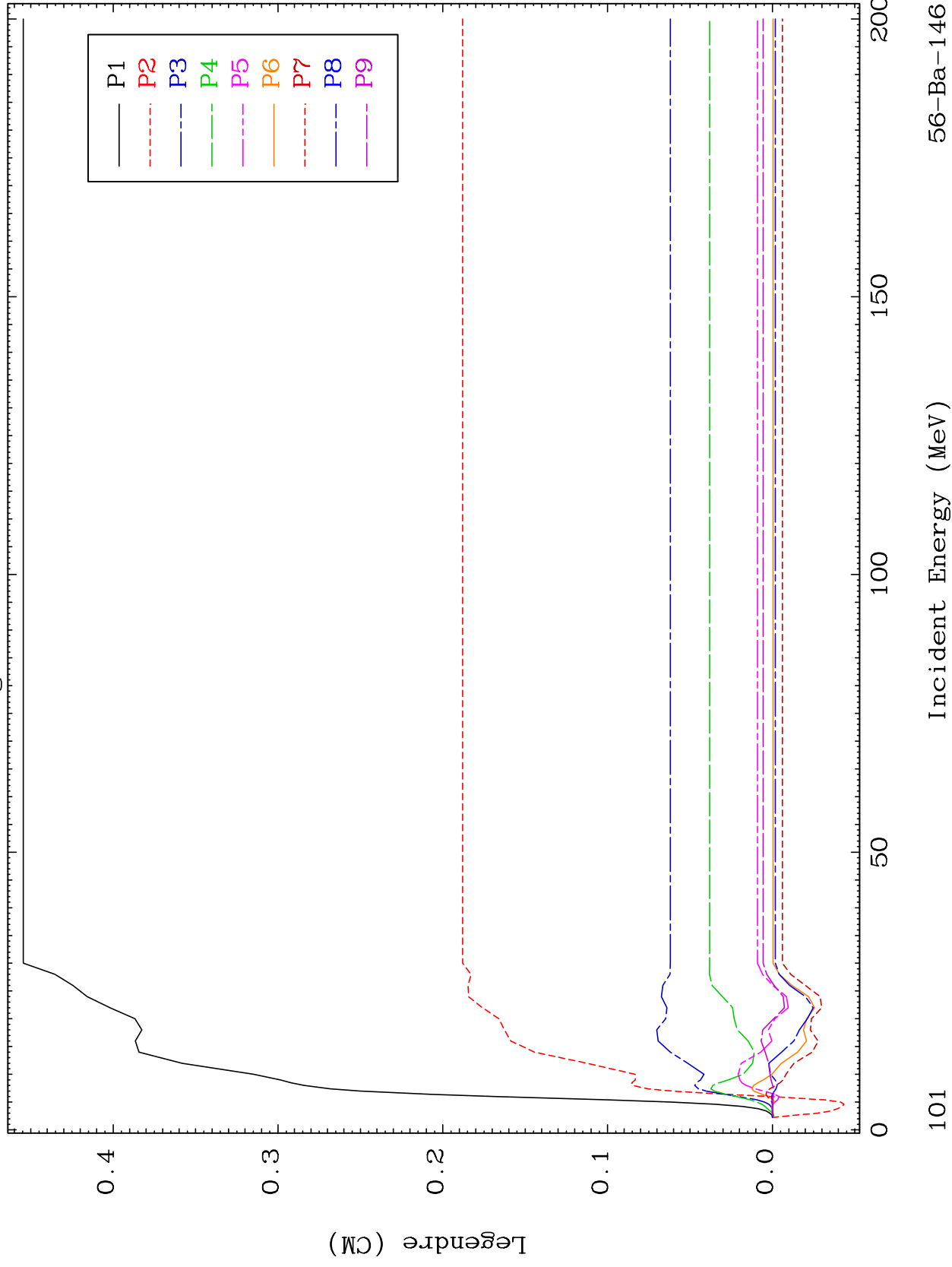
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



56-Ba-146

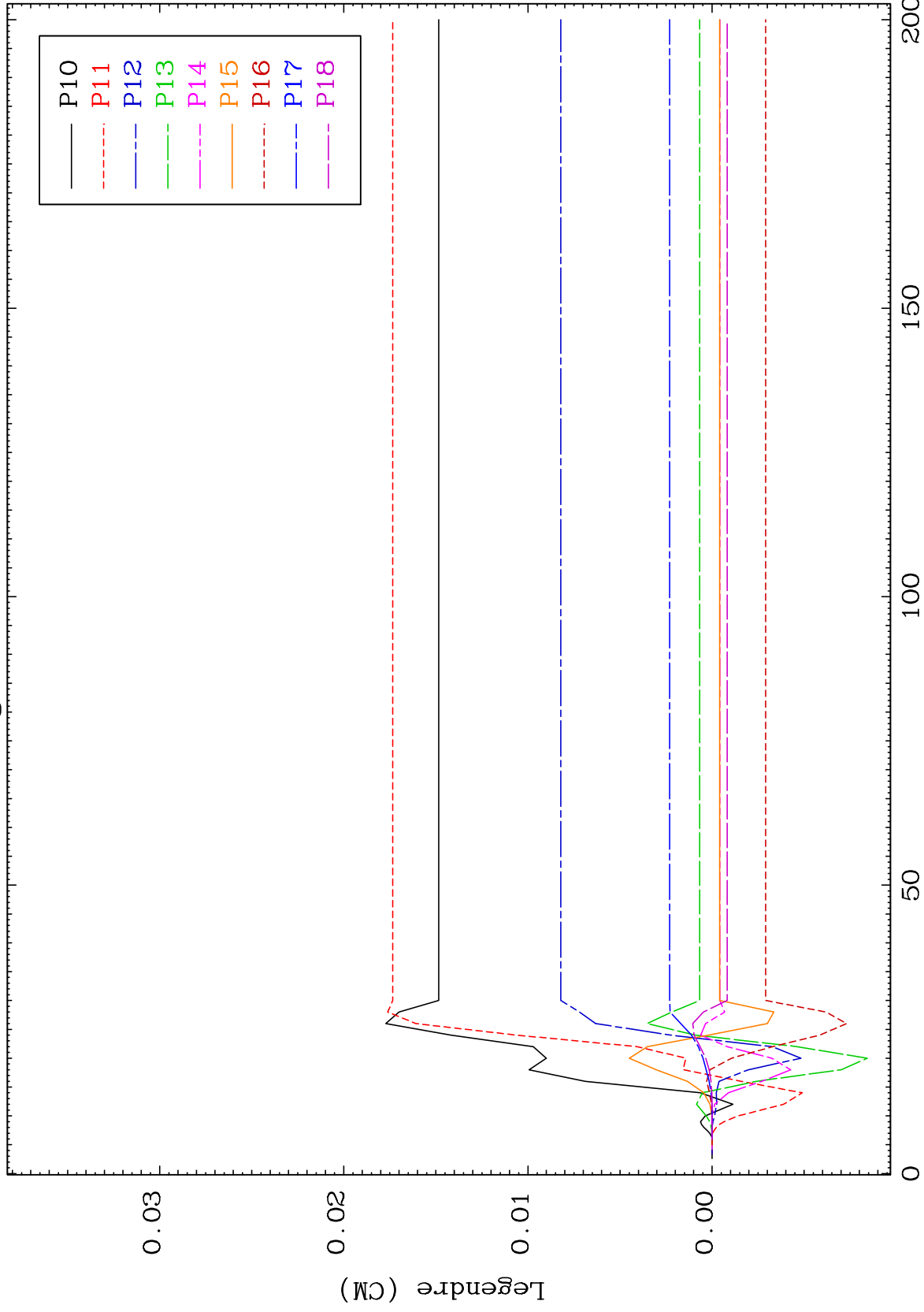
Incident Energy (MeV)

101

MAT 5673

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

56-Ba-146



56-Ba-146

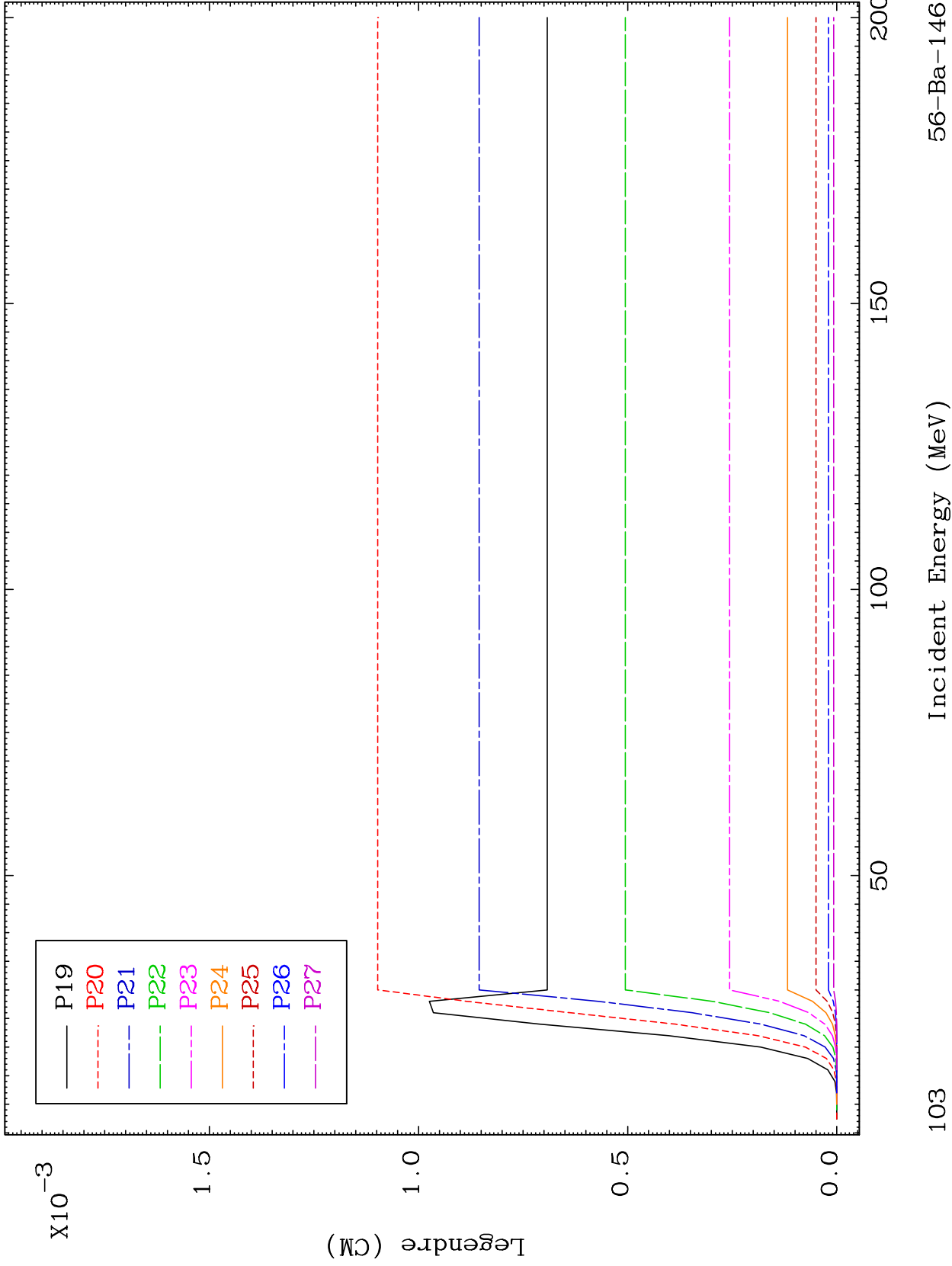
Incident Energy (MeV)

102

MAT 5673

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

56-Ba-146

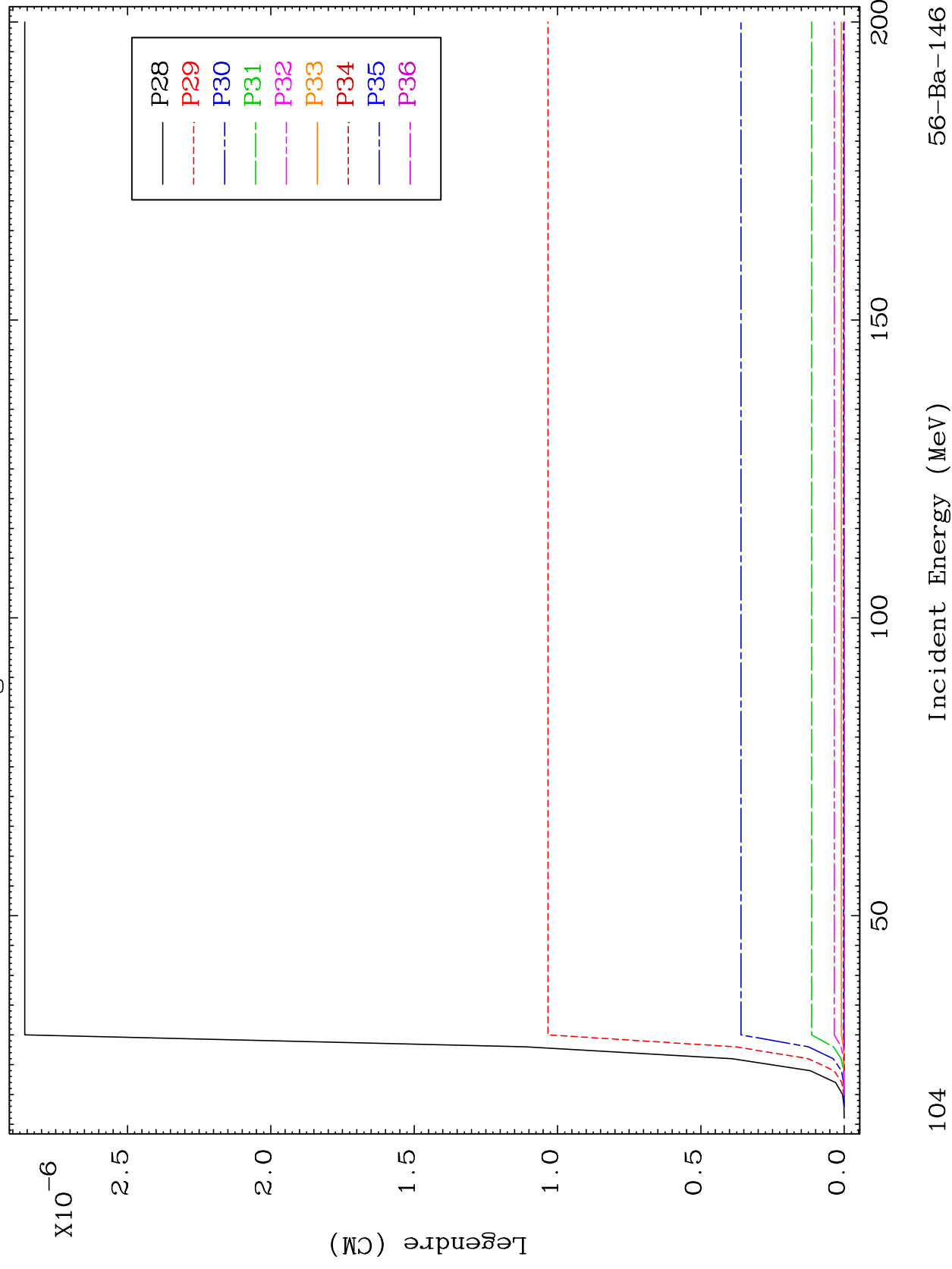


103

MAT 5673

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

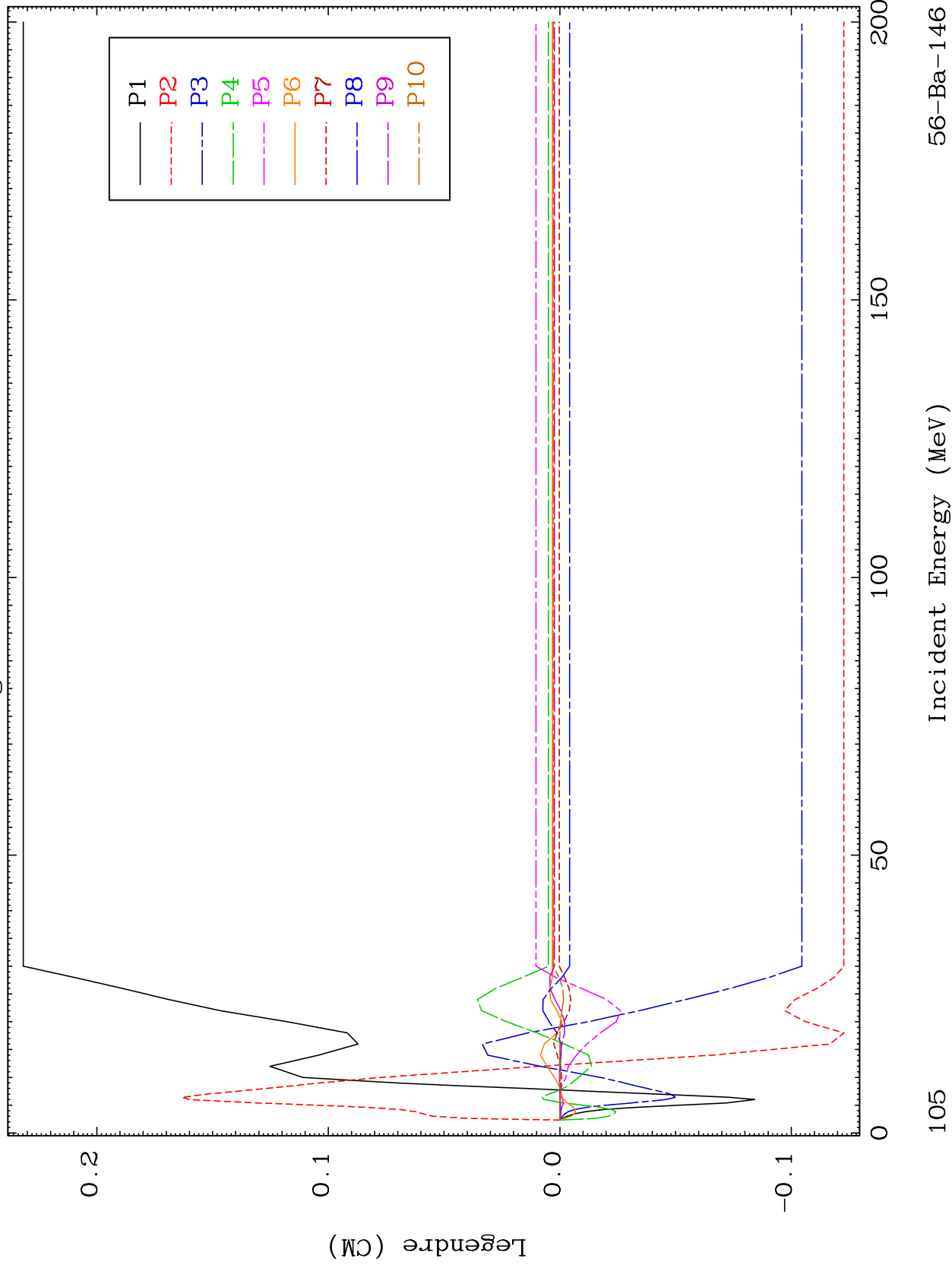
56-Ba-146



MAT 5673

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

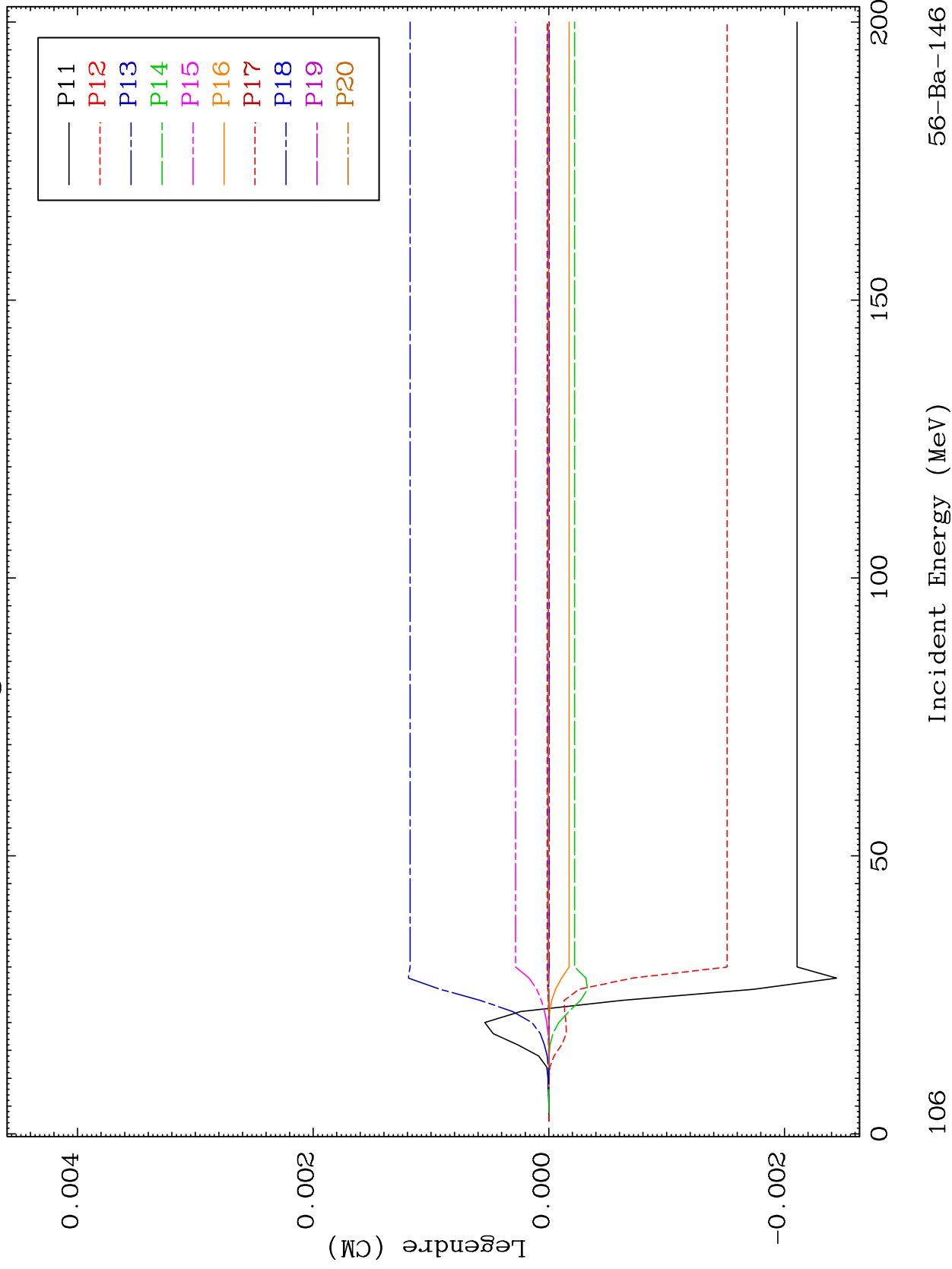
56-Ba-146



MAT 5673

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

56-Ba-146



56-Ba-146

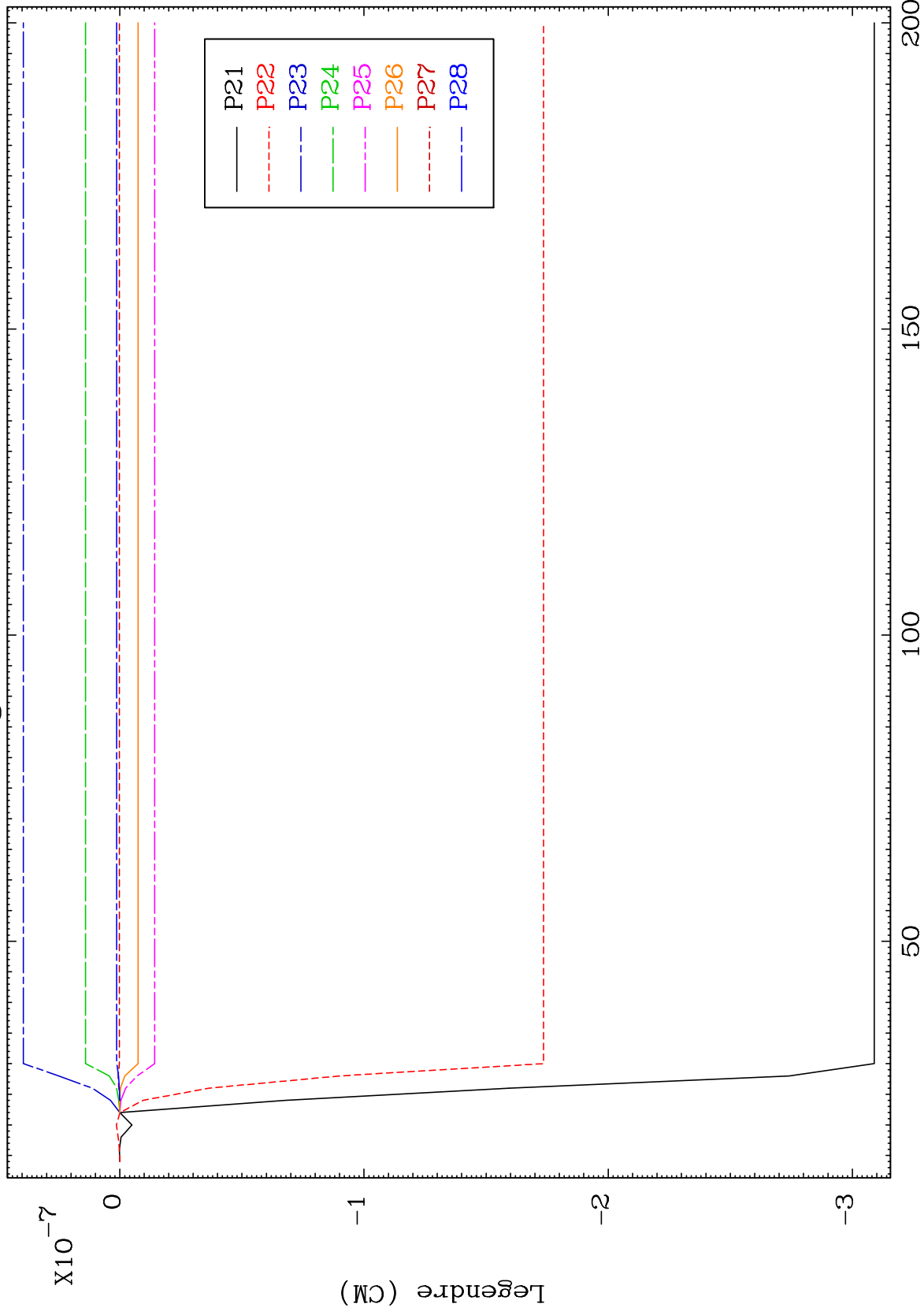
Incident Energy (MeV)

106

MAT 5673

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

56-Ba-146



107

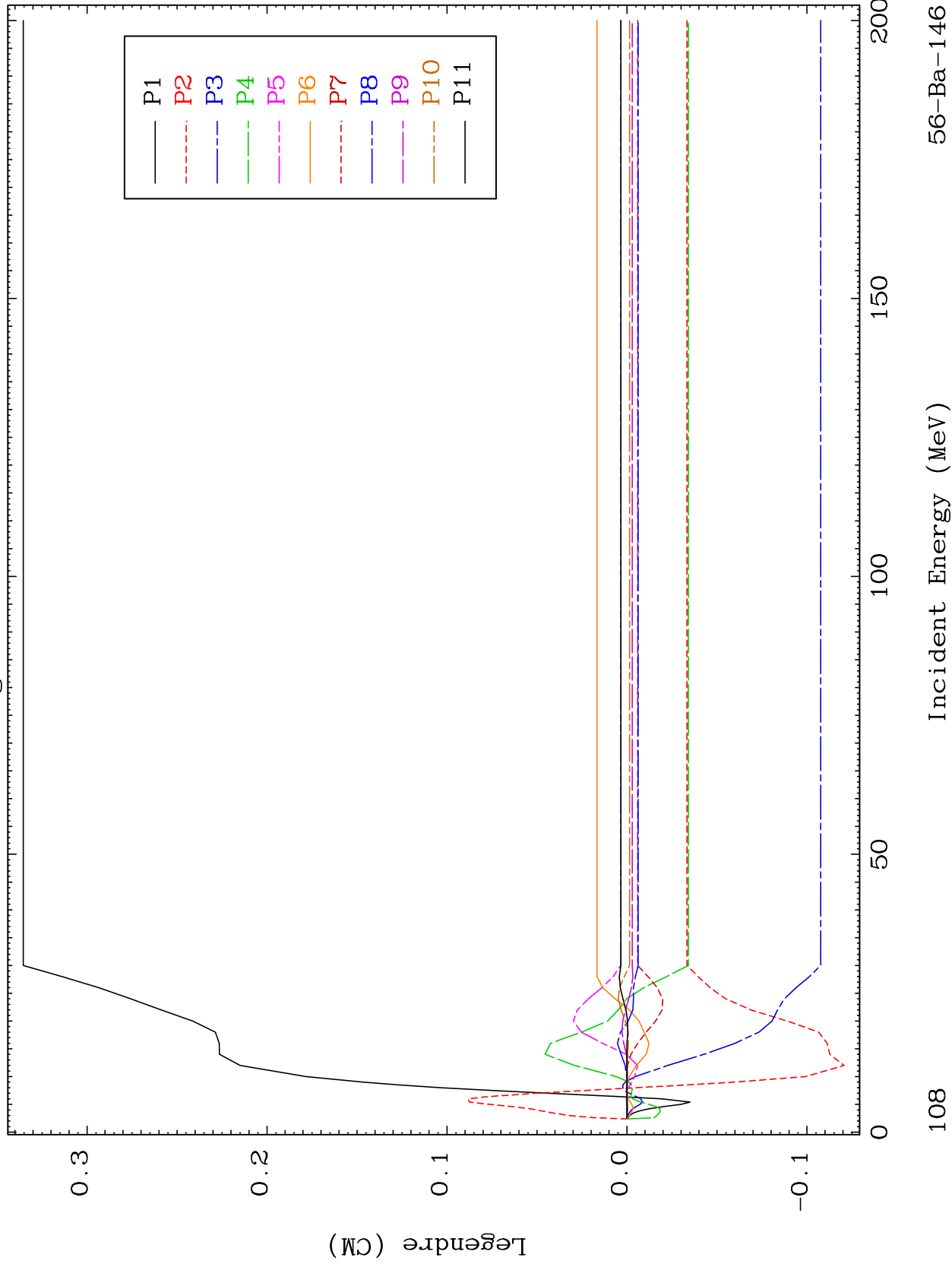
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



56-Ba-146

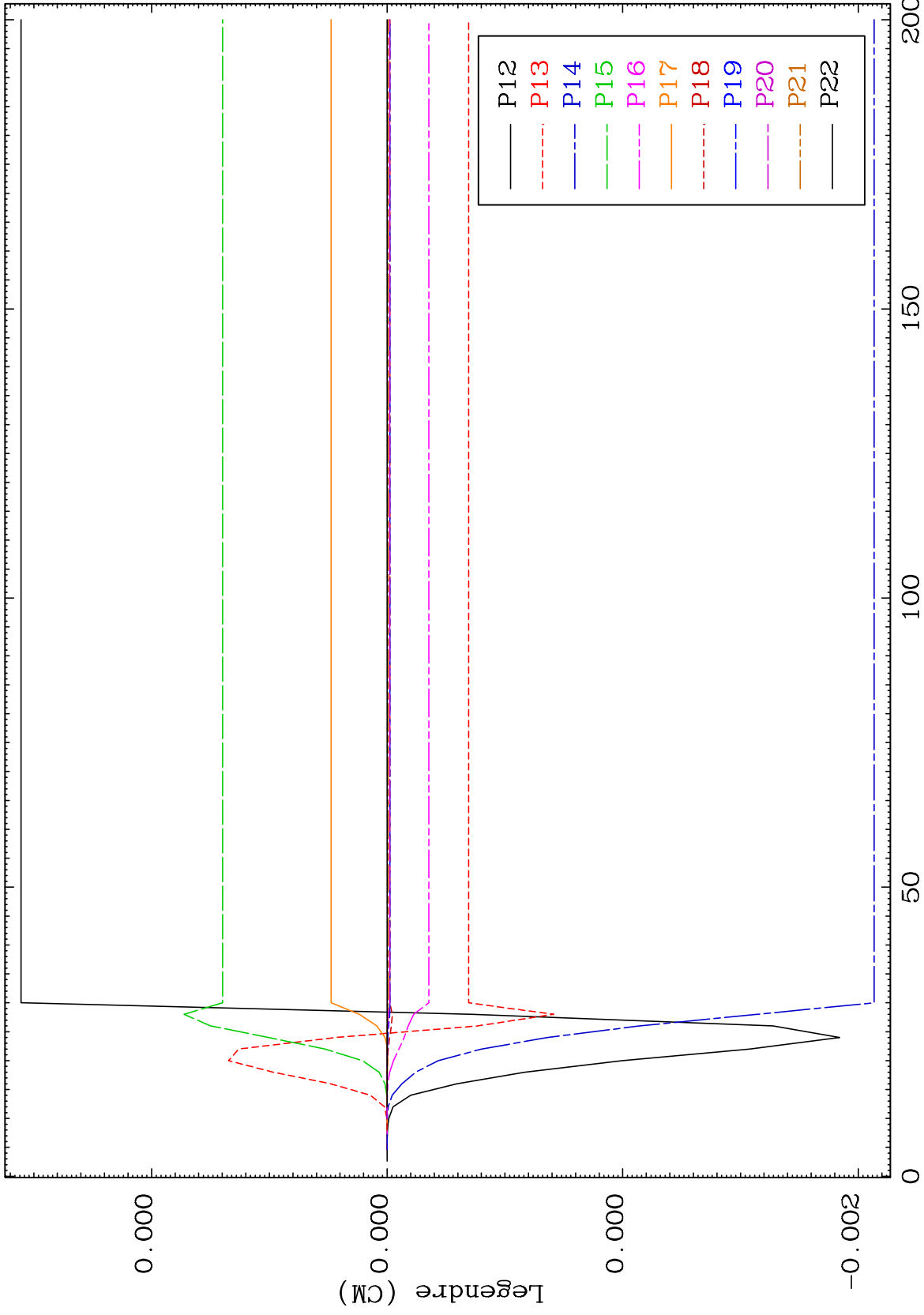
Incident Energy (MeV)

108

MAT 5673

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

56-Ba-146



109

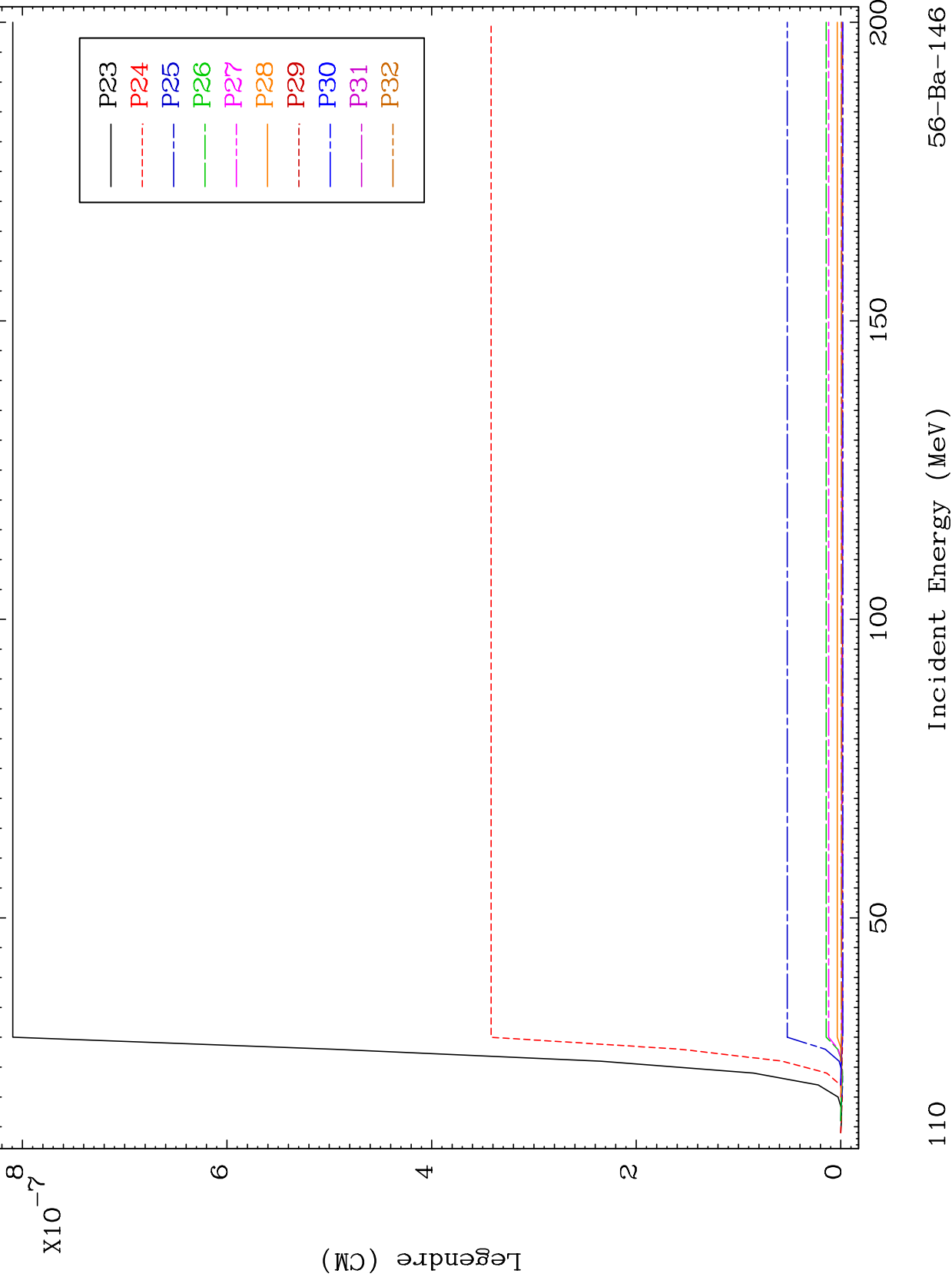
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

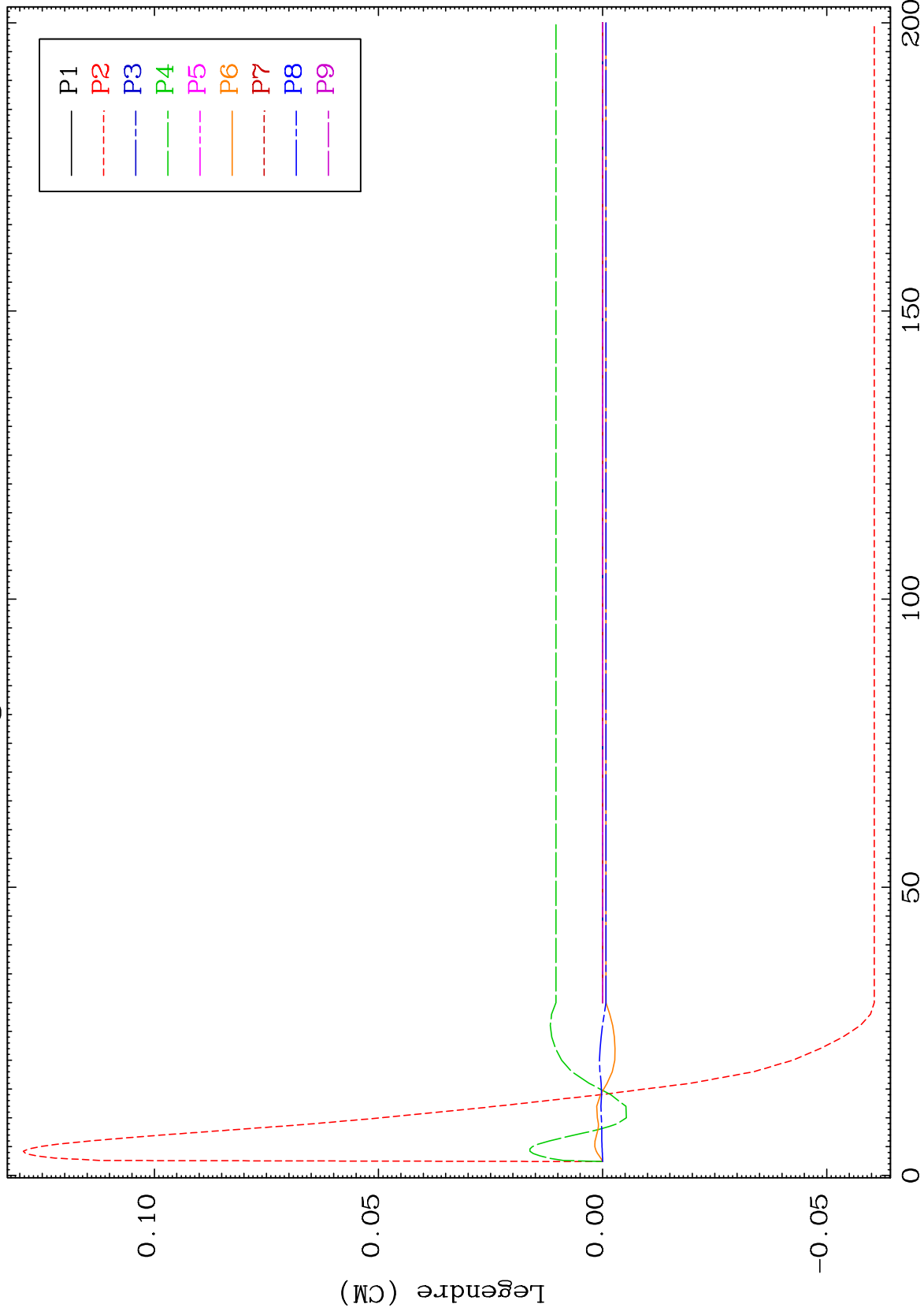
56-Ba-146



MAT 5673

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

56-Ba-146



111

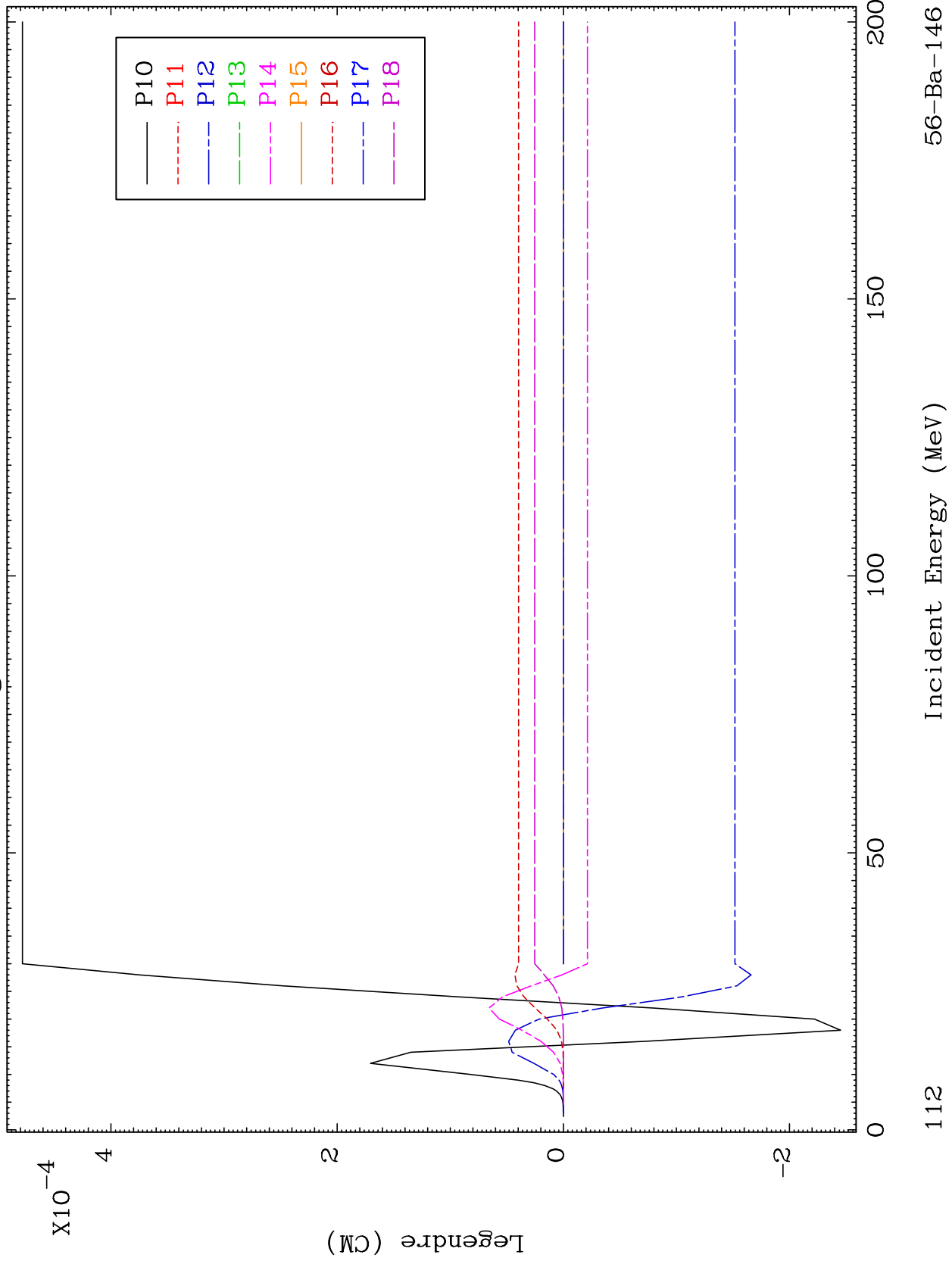
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



56-Ba-146

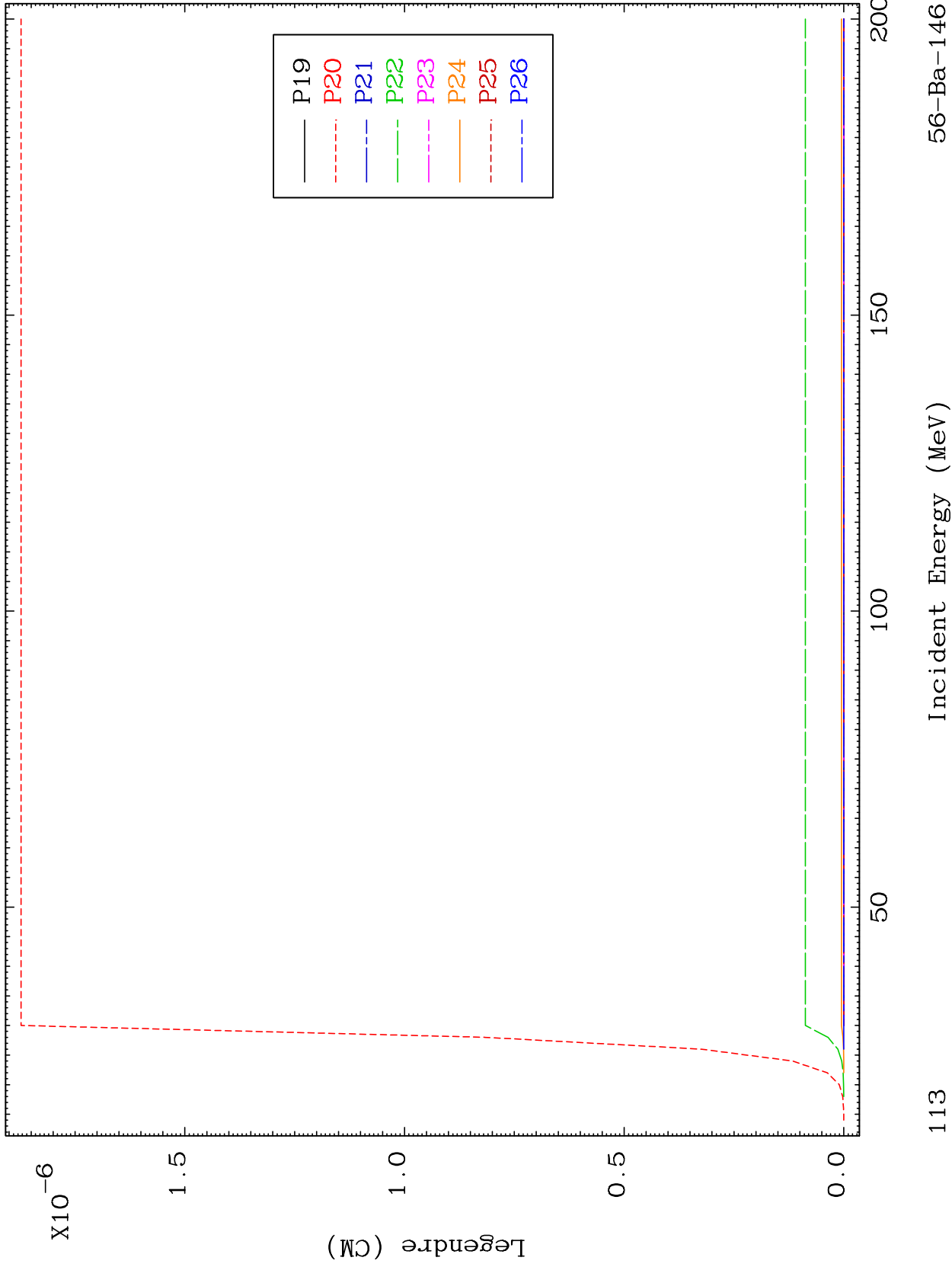
Incident Energy (MeV)

112

MAT 5673

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

56-Ba-146



113

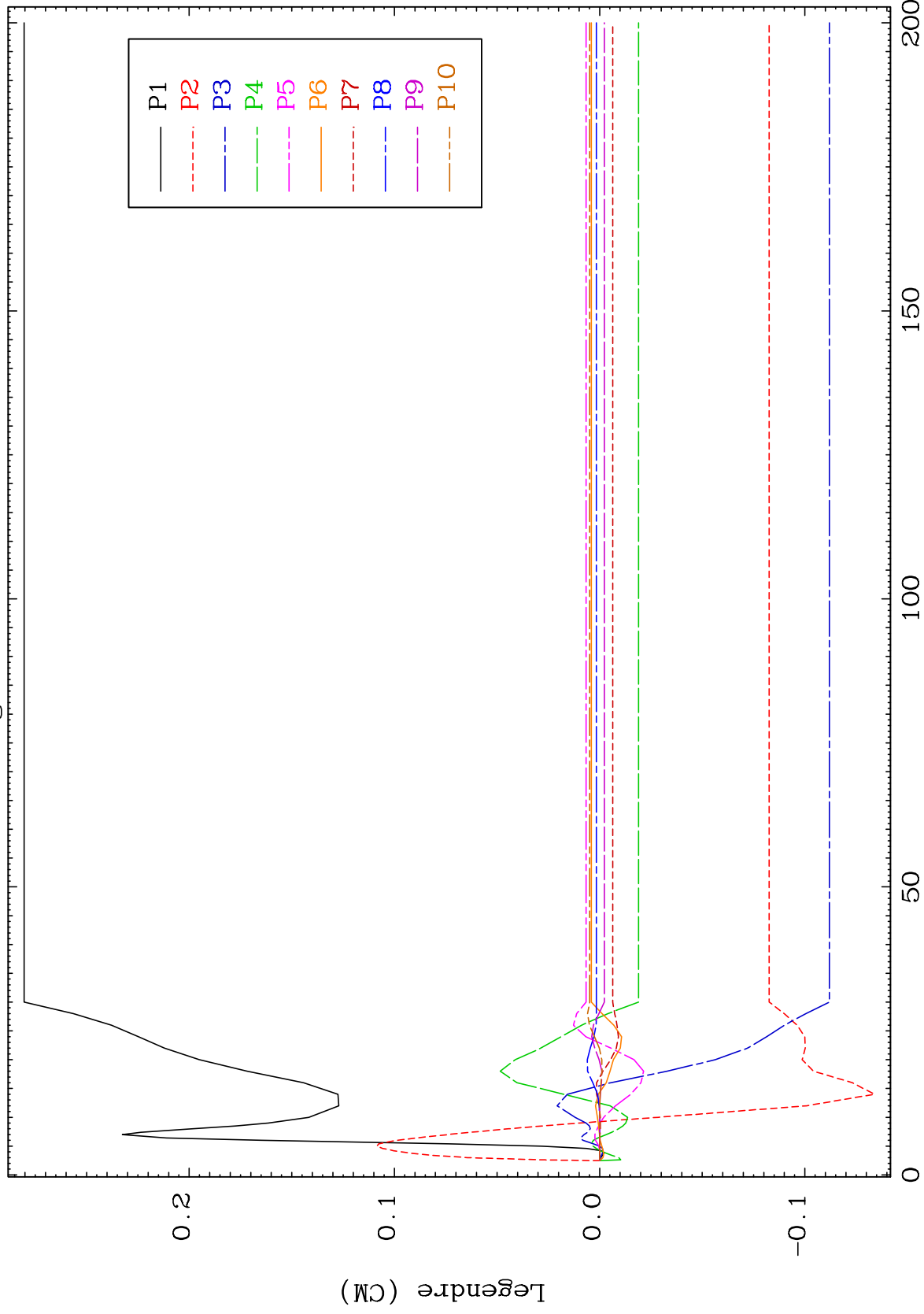
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



114

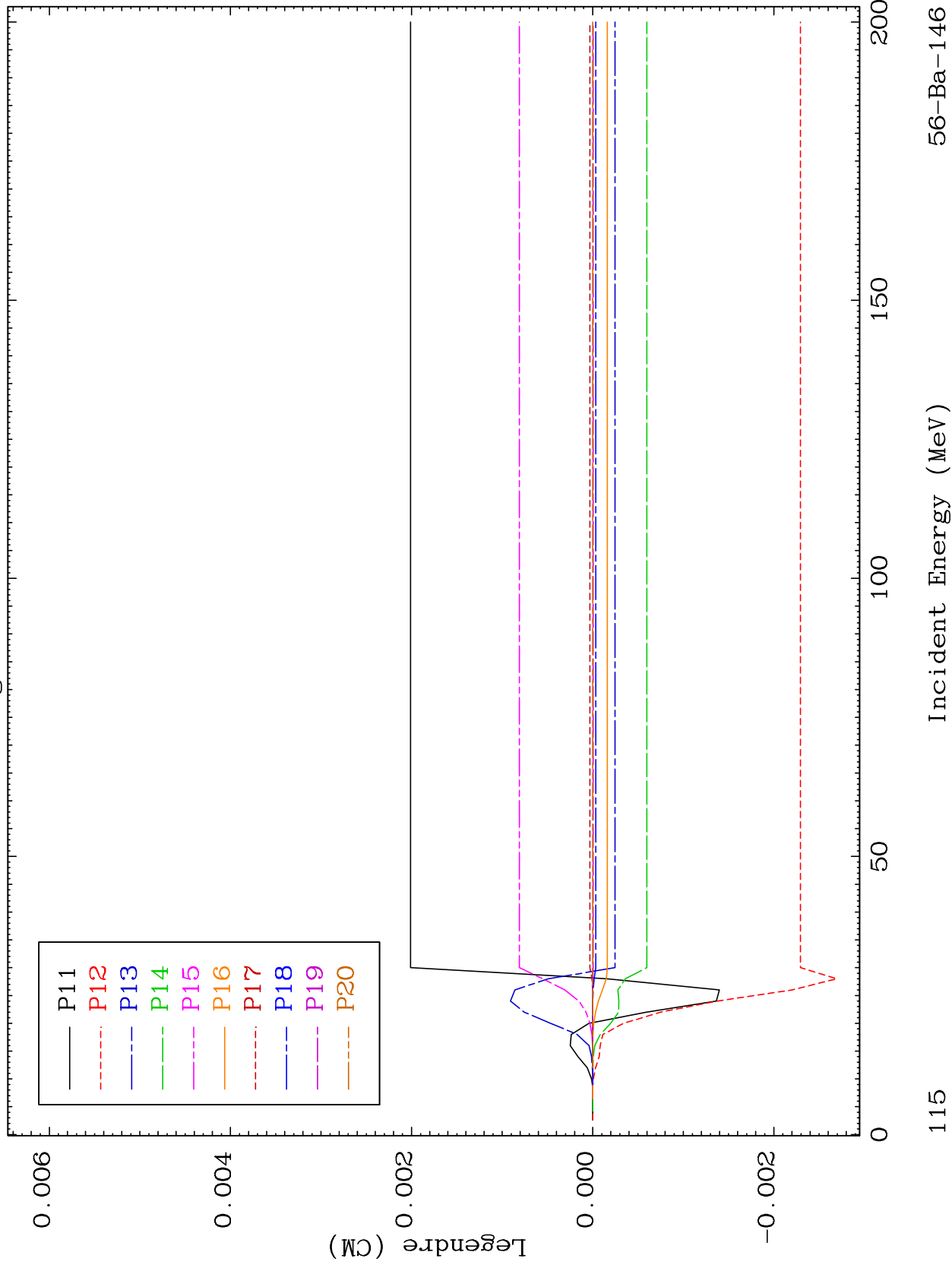
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



56-Ba-146

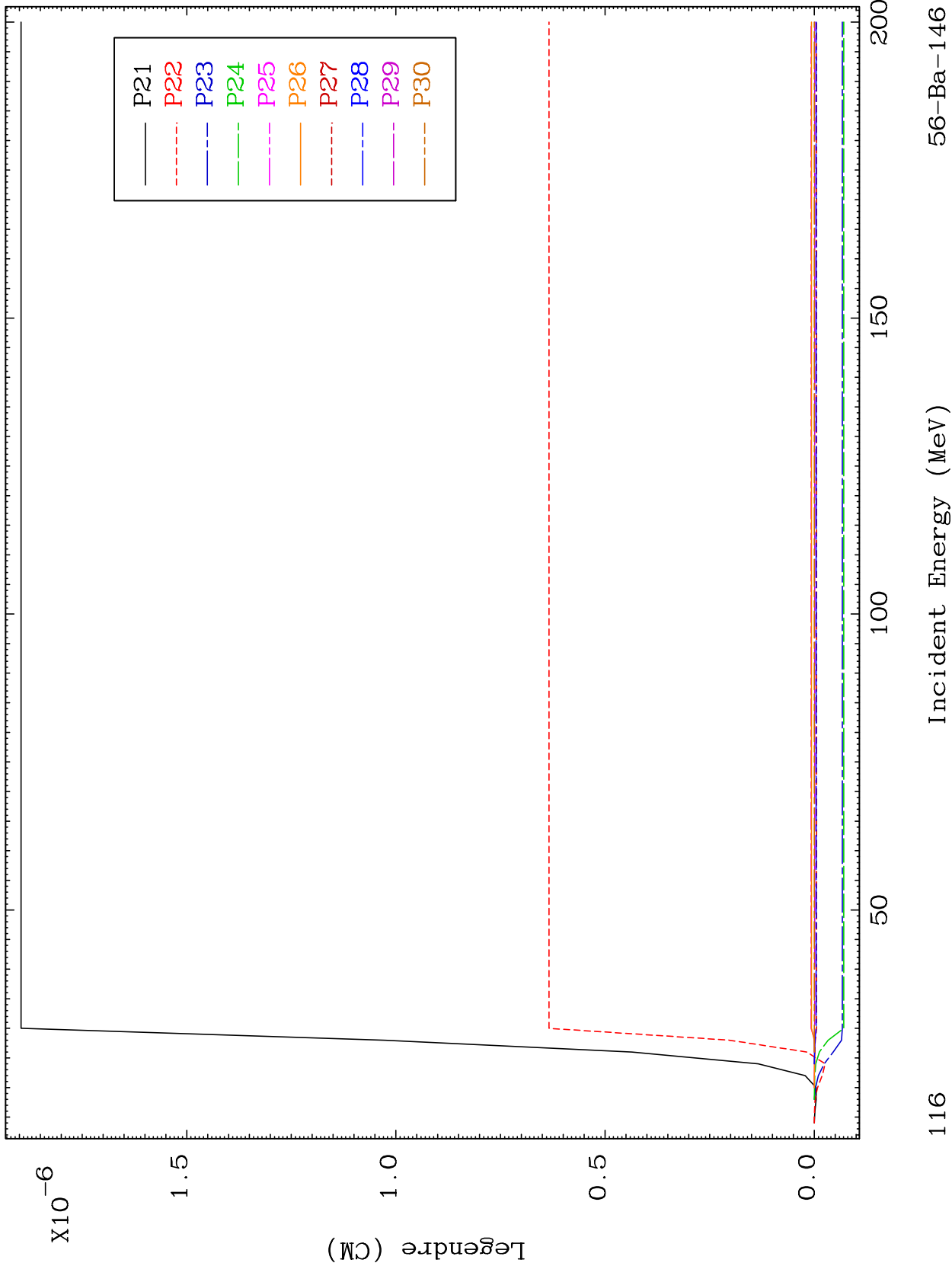
Incident Energy (MeV)

115

MAT 5673

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

56-Ba-146



116

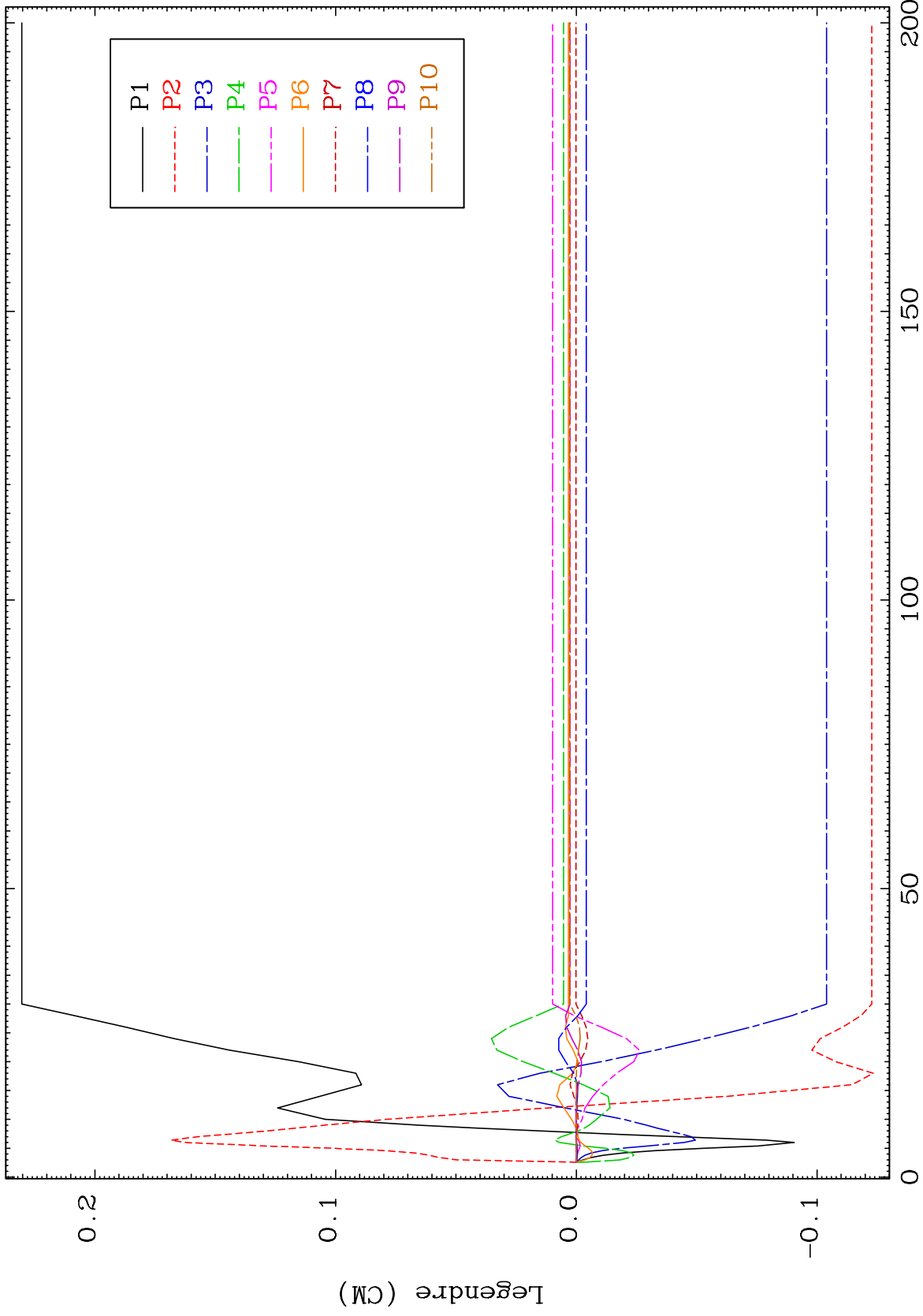
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



117

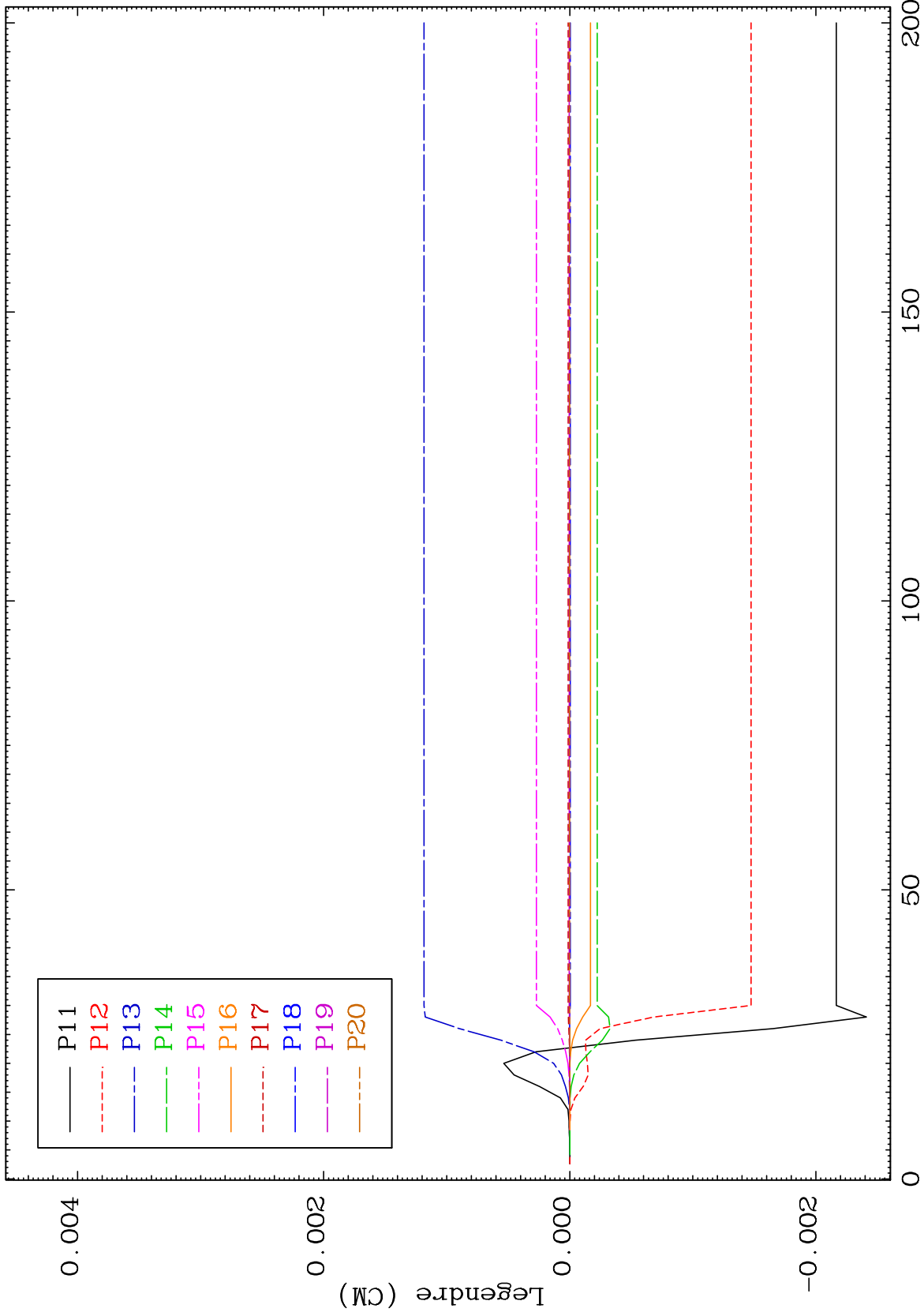
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



118

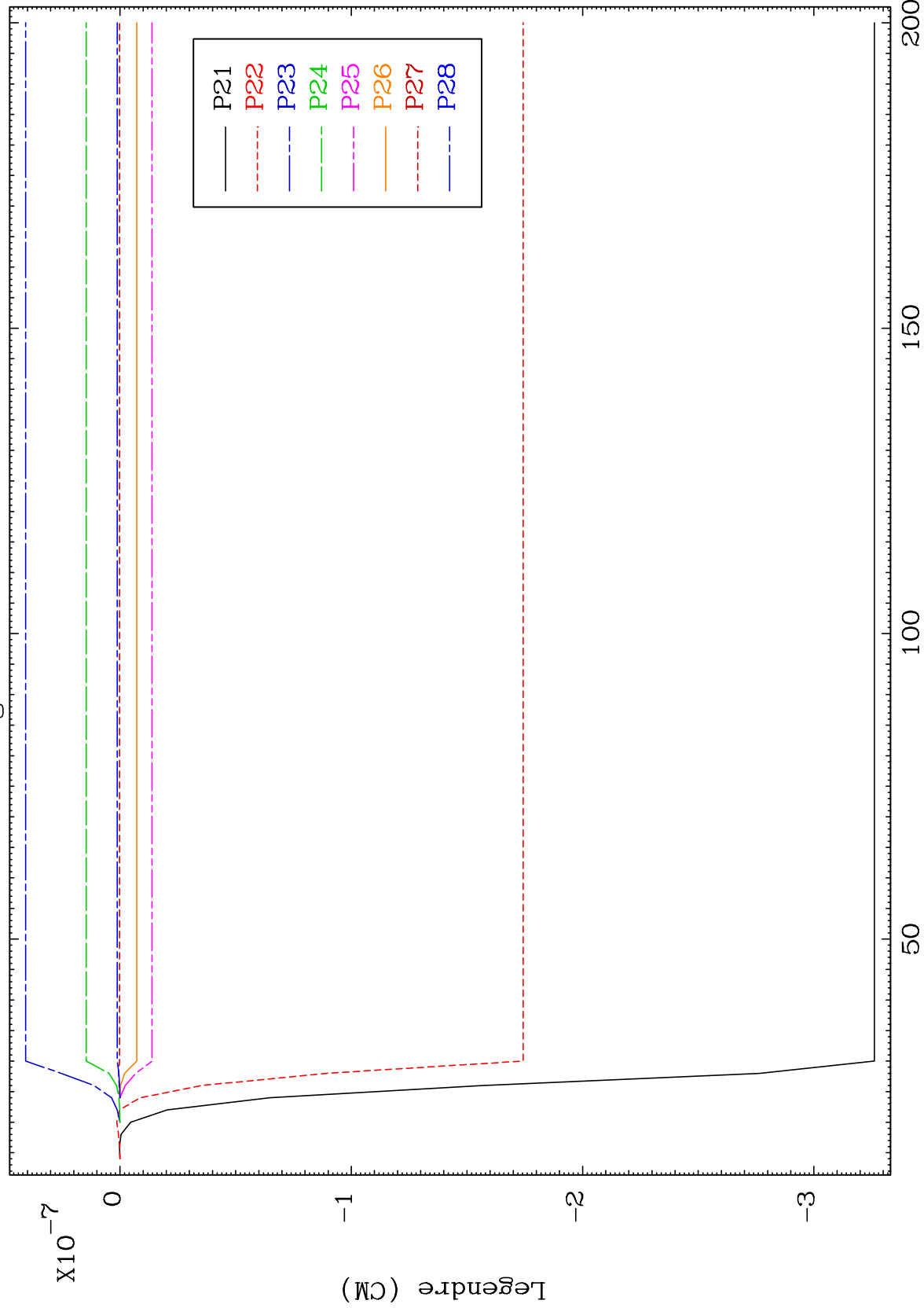
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

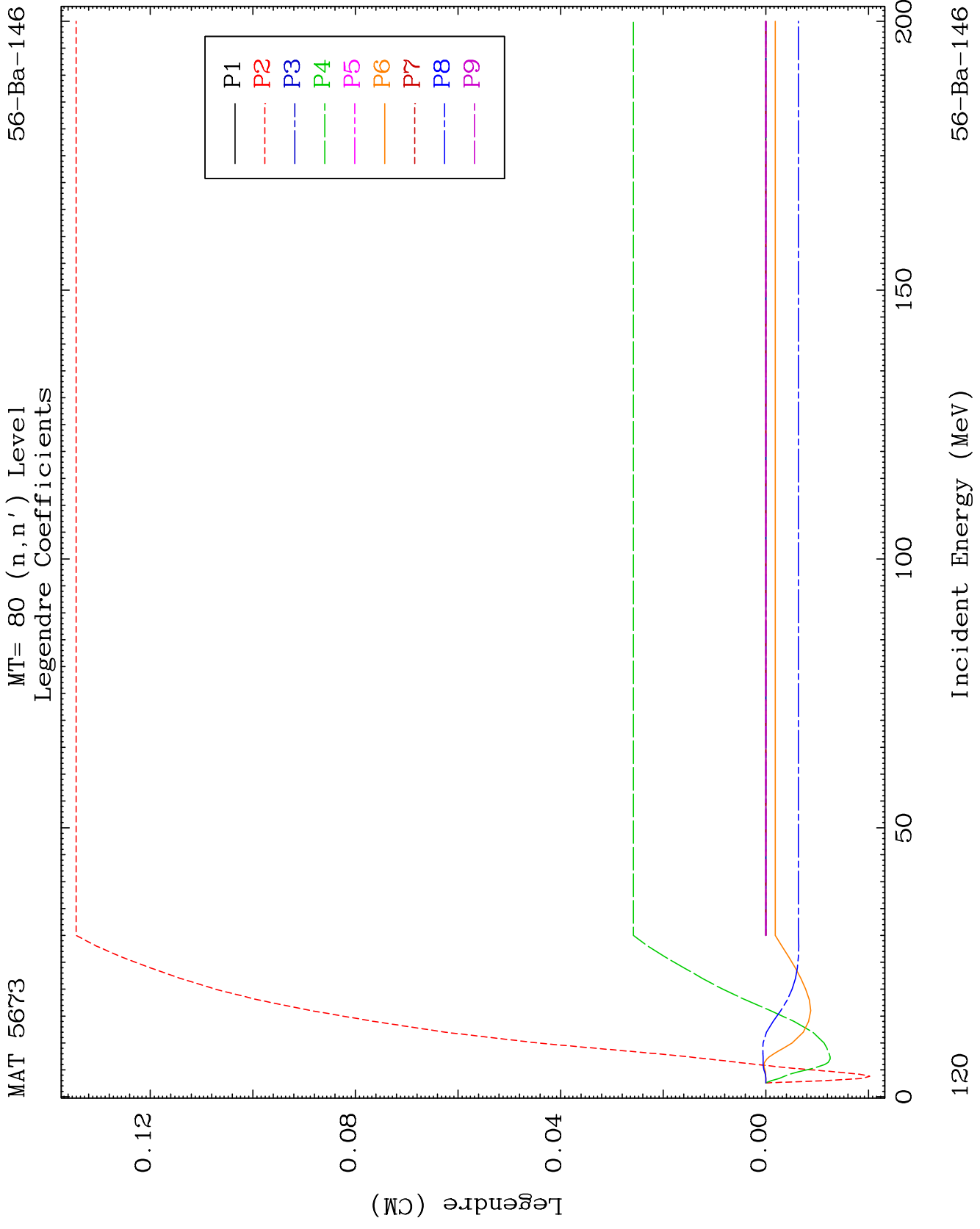
56-Ba-146



119

Incident Energy (MeV)

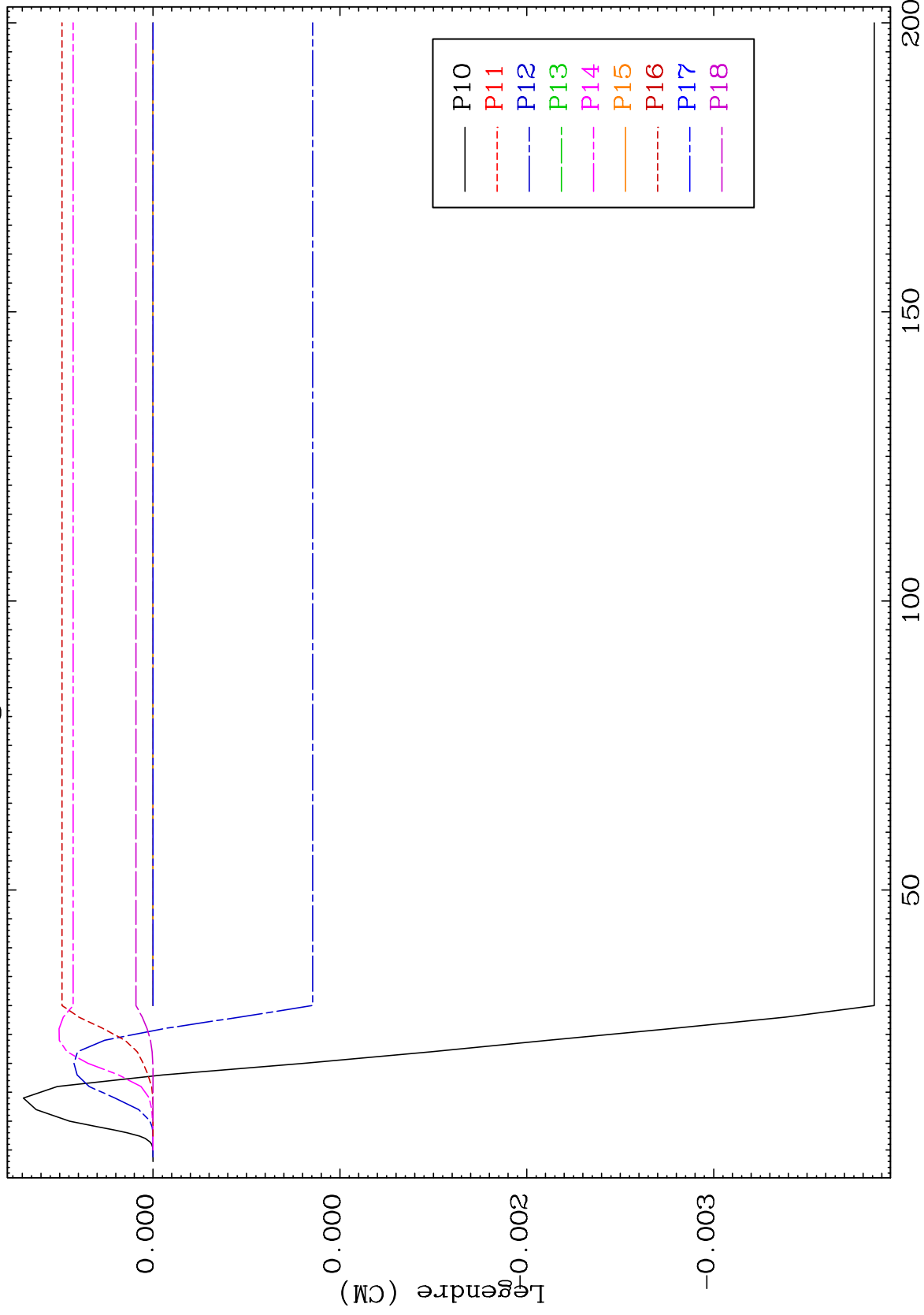
56-Ba-146



MAT 5673

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

56-Ba-146

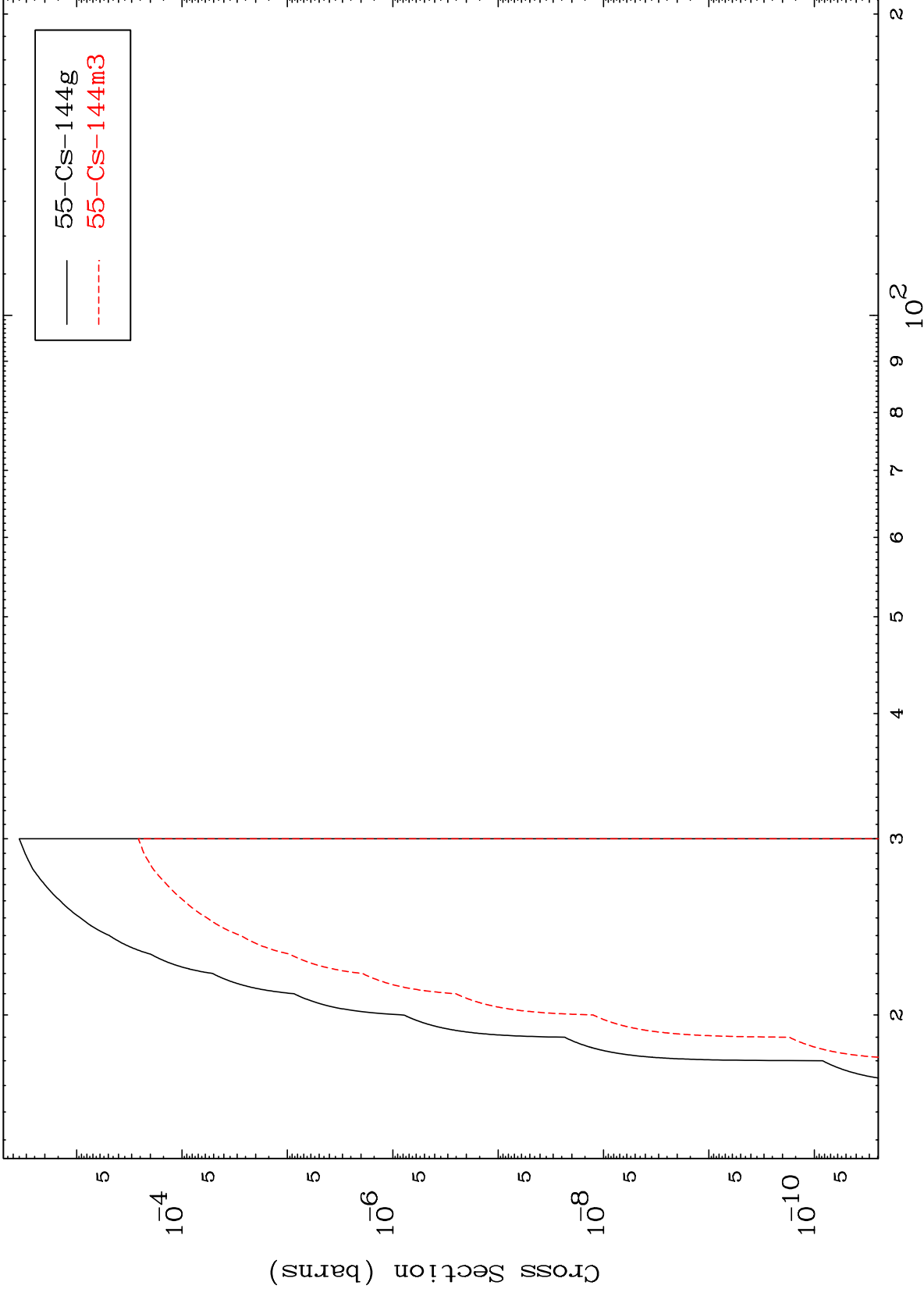


121

Incident Energy (MeV)

56-Ba-146

Radionuclide Production Cross Section

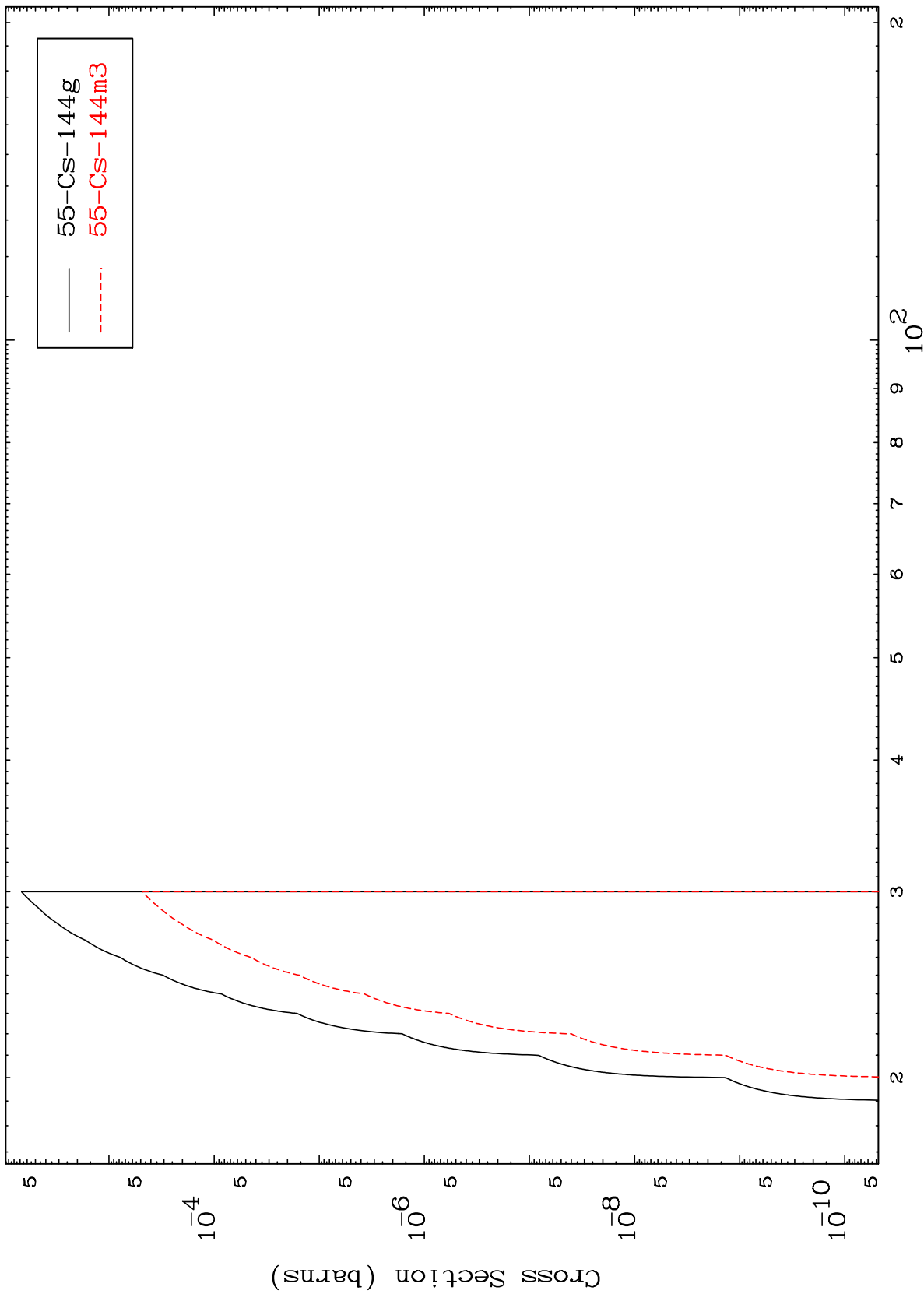


55-Cs-144g
55-Cs-144m3

MAT 5673

56-Ba-146

$(n,2n)$ p
Radionuclide Production Cross Section



124

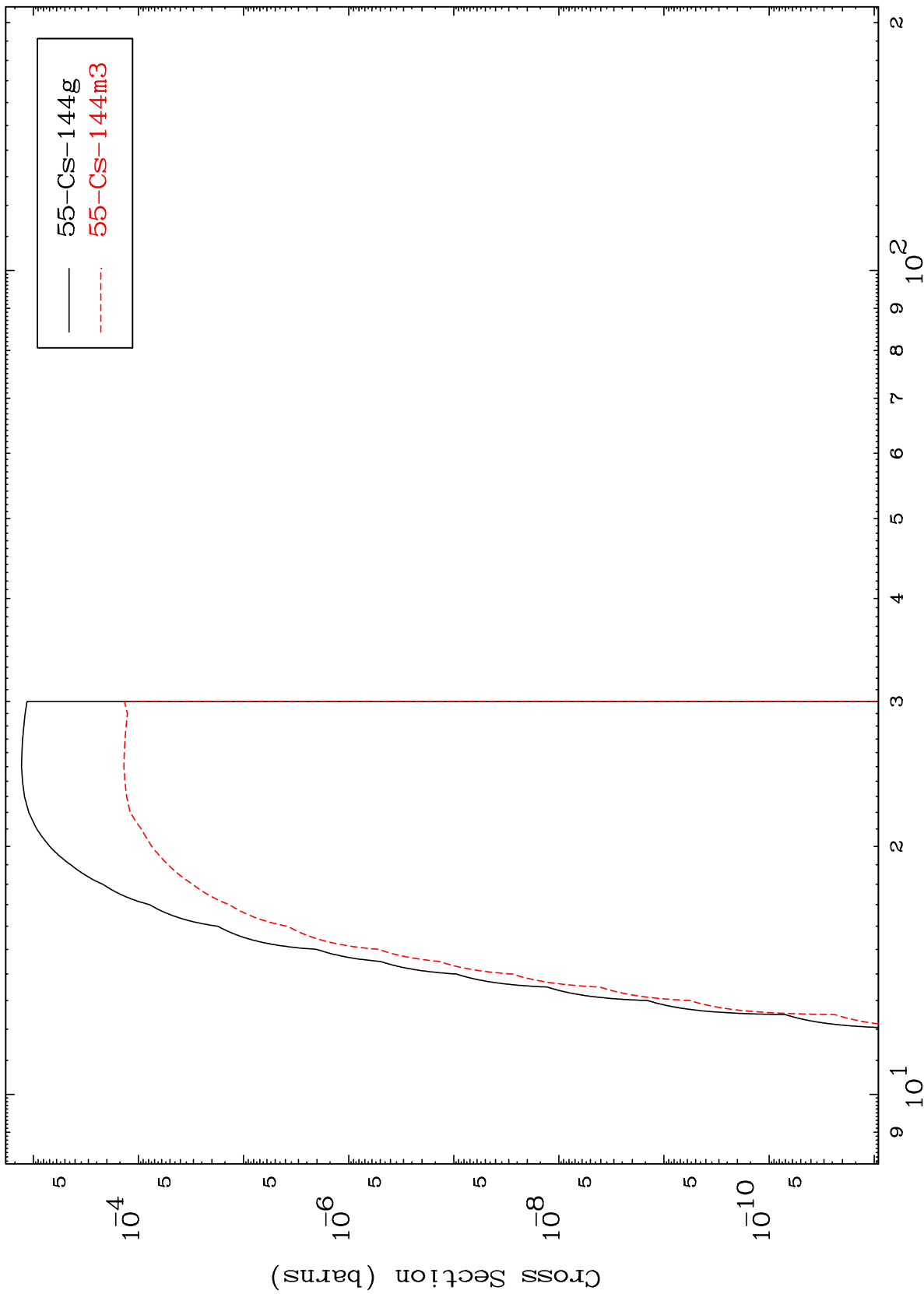
56-Ba-146

Incident Energy (MeV)

MAT 5673

56-Ba-146

(n,t)
Radionuclide Production Cross Section



56-Ba-146

Incident Energy (MeV)

125