

Program EVALPLOT  
(Version 2018-1)

by

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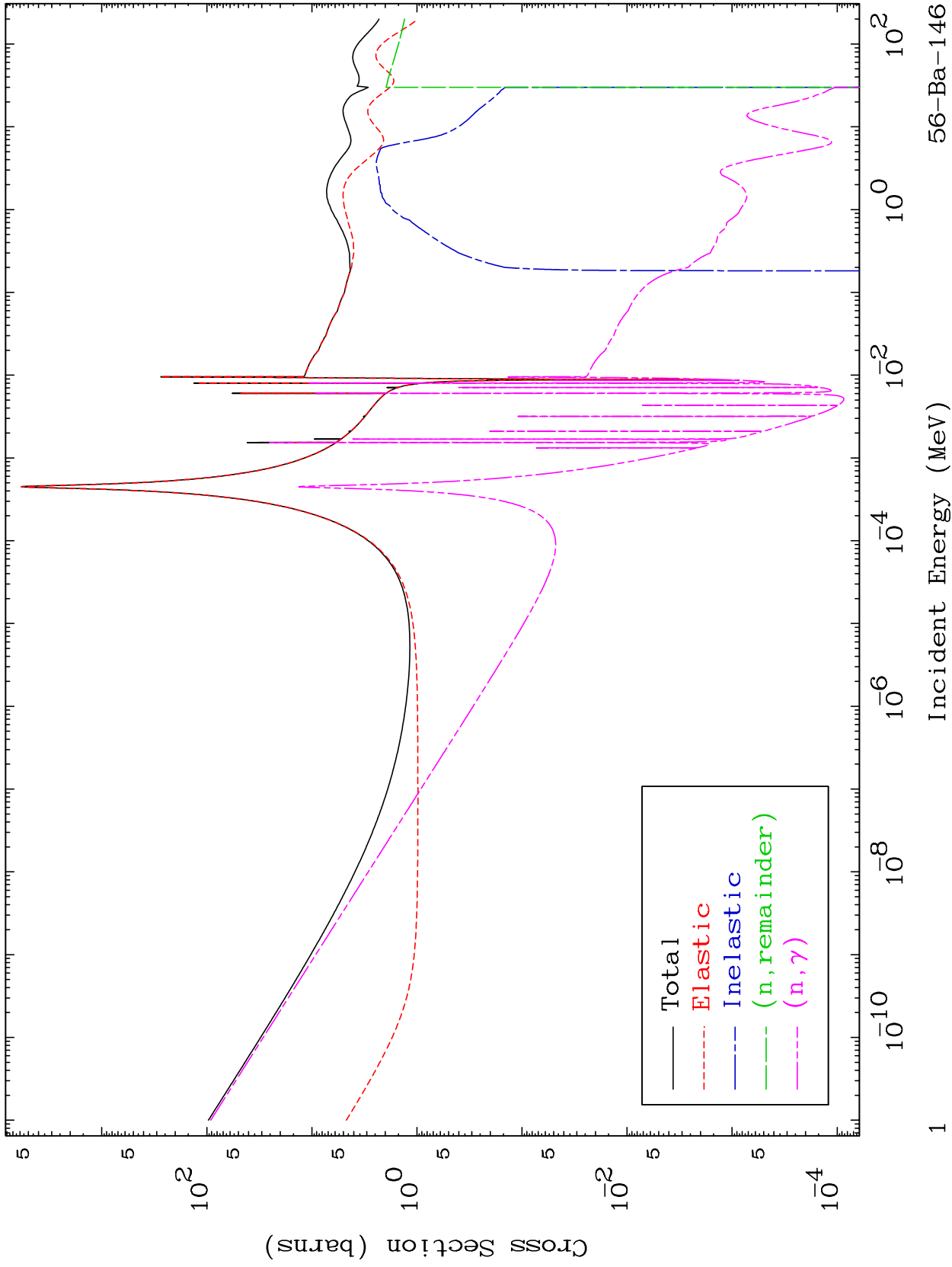
Press Mouse Button to Start

MAT 5673

Major

293 Kelvin Cross Sections

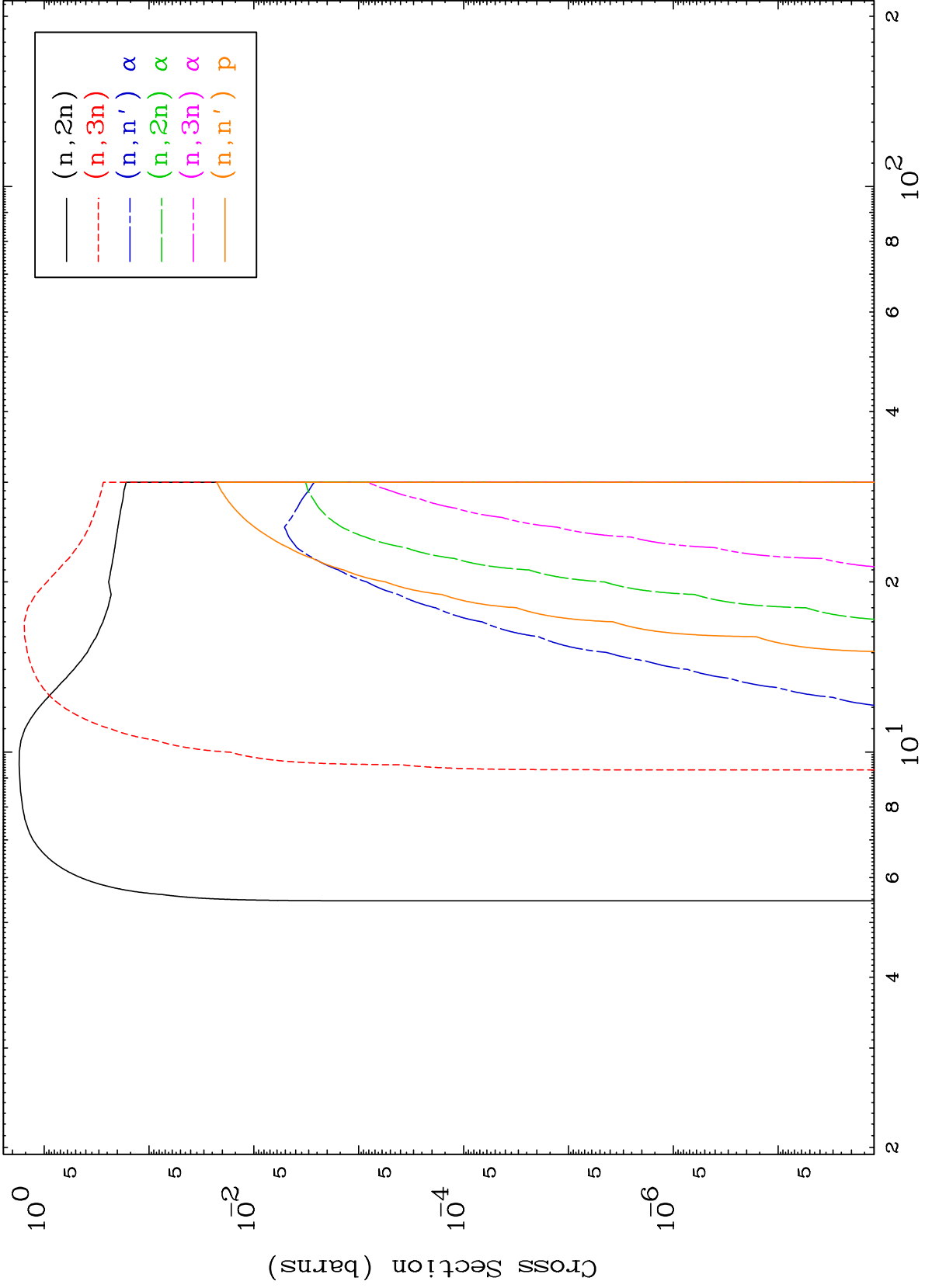
56-Ba-146



MAT 5673

Neutron Production  
293 Kelvin Cross Sections

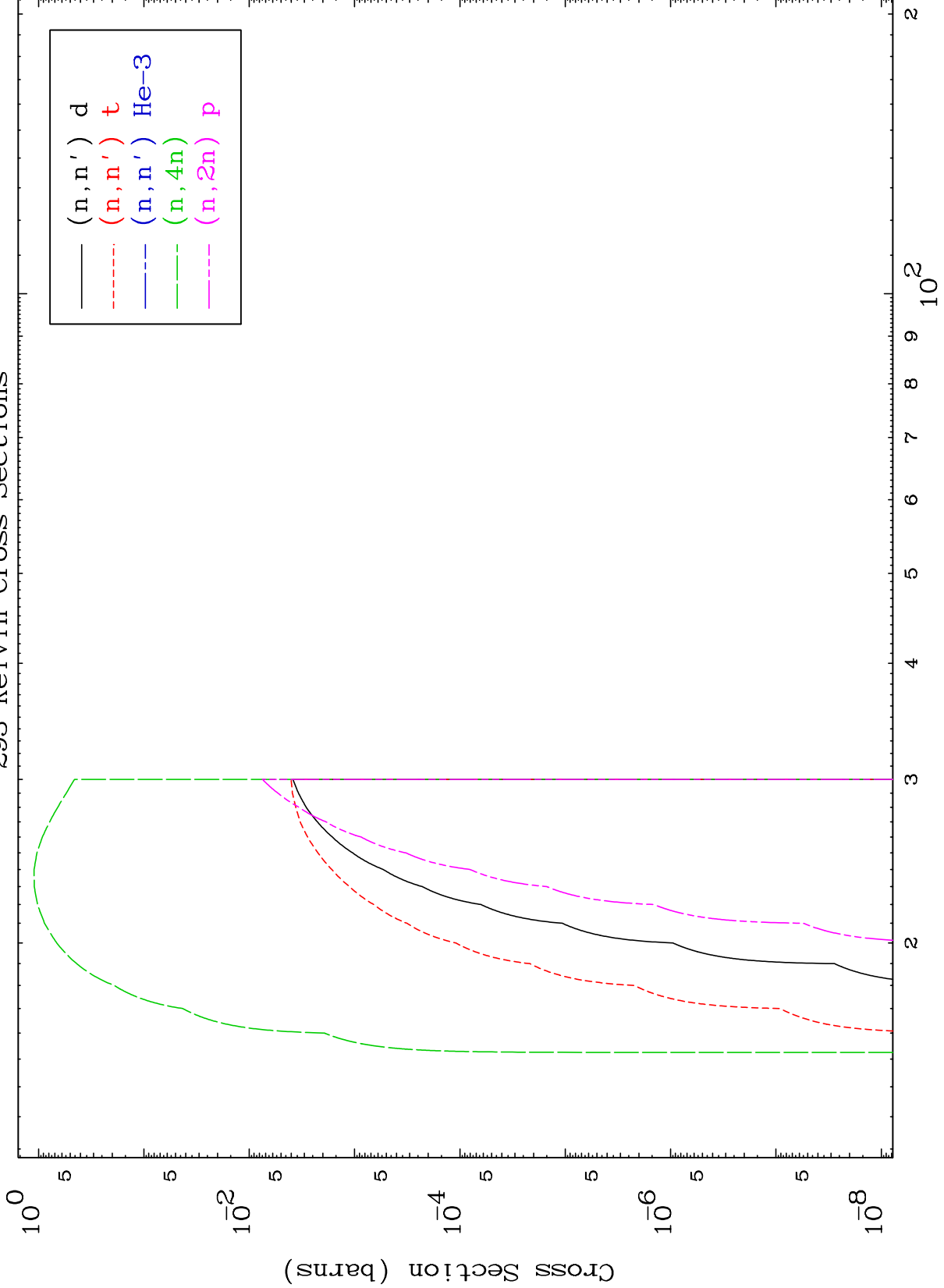
56-Ba-146

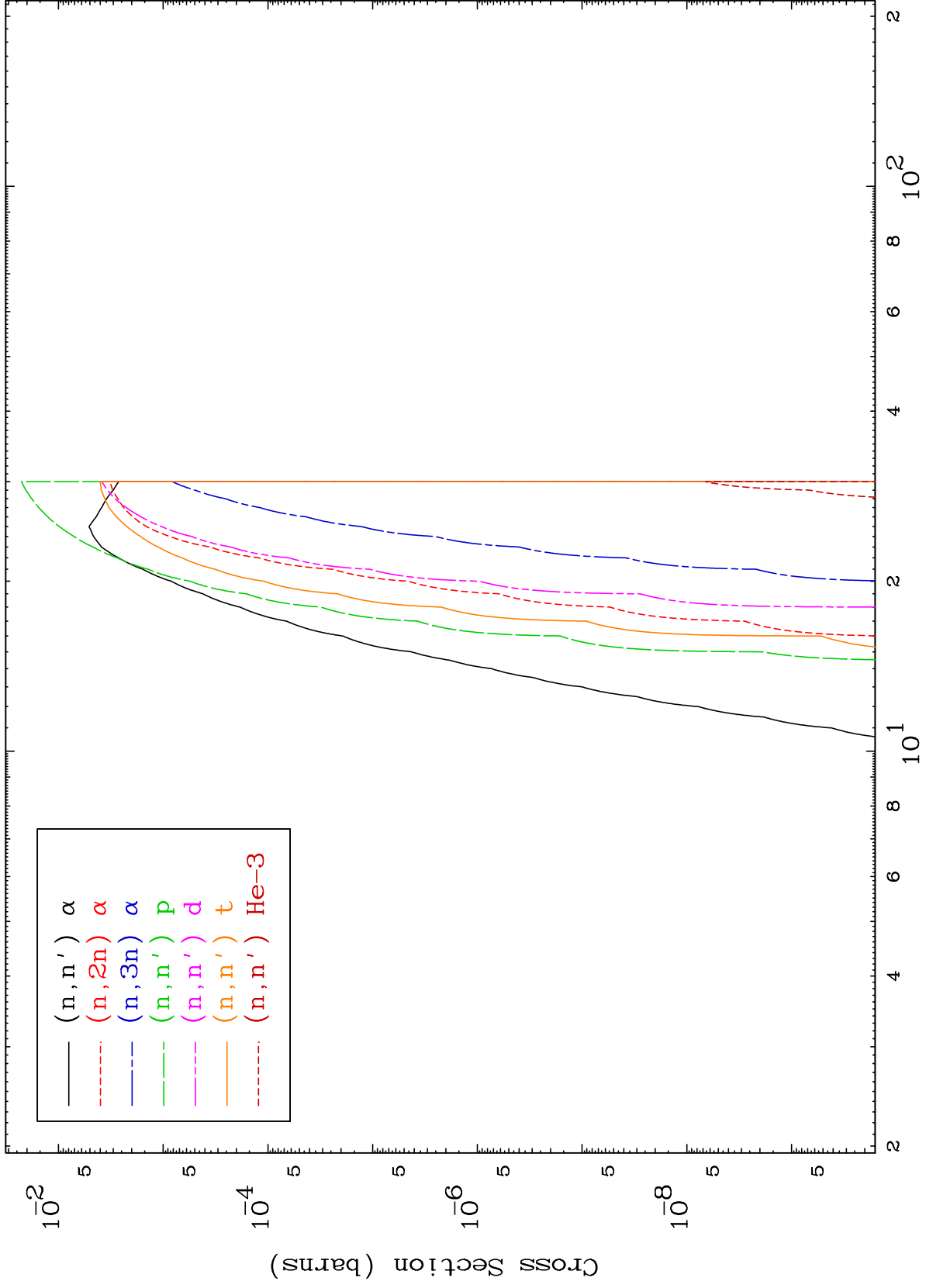


2

Incident Energy (MeV)

56-Ba-146

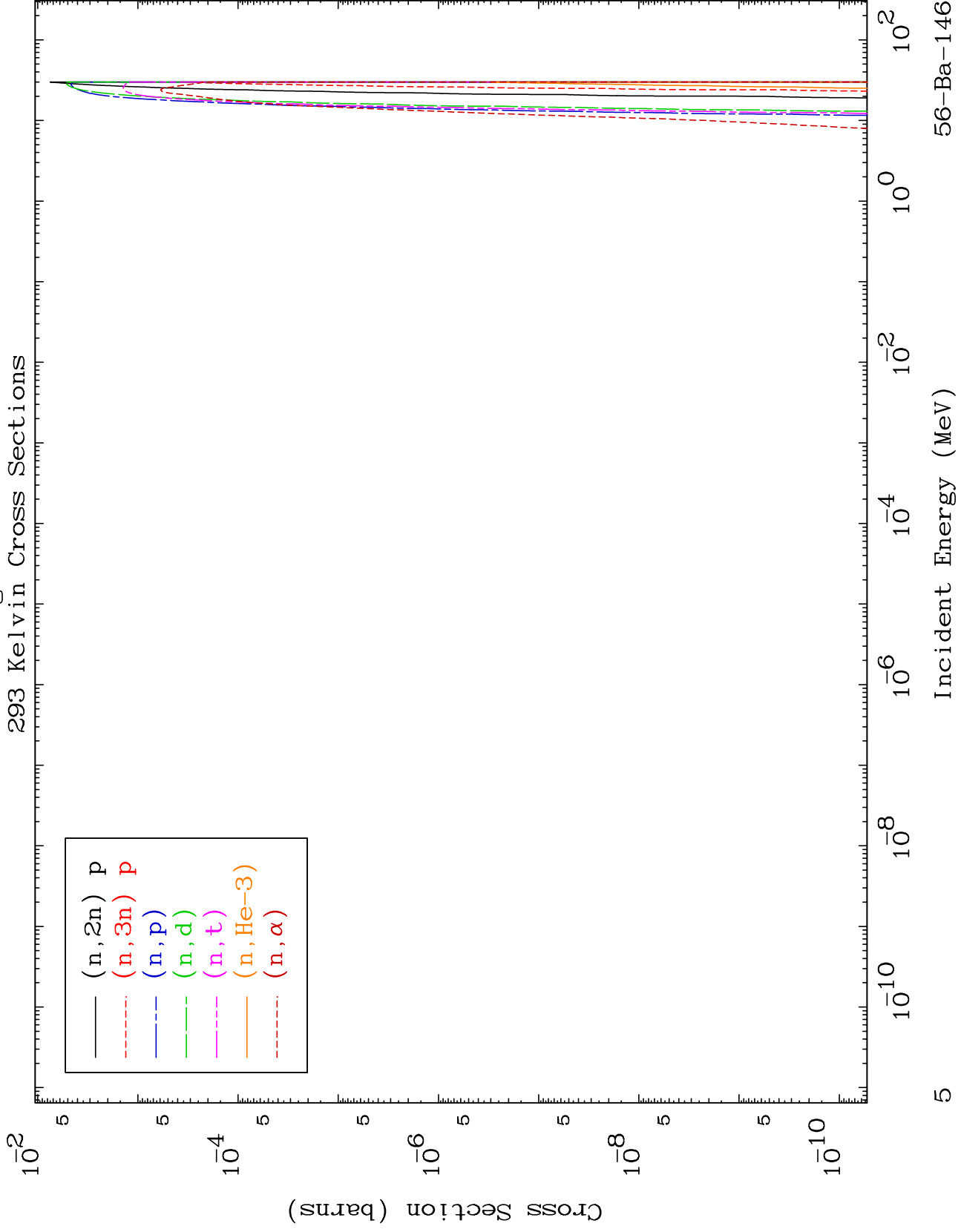




MAT 5673

Charged Particle  
293 Kelvin Cross Sections

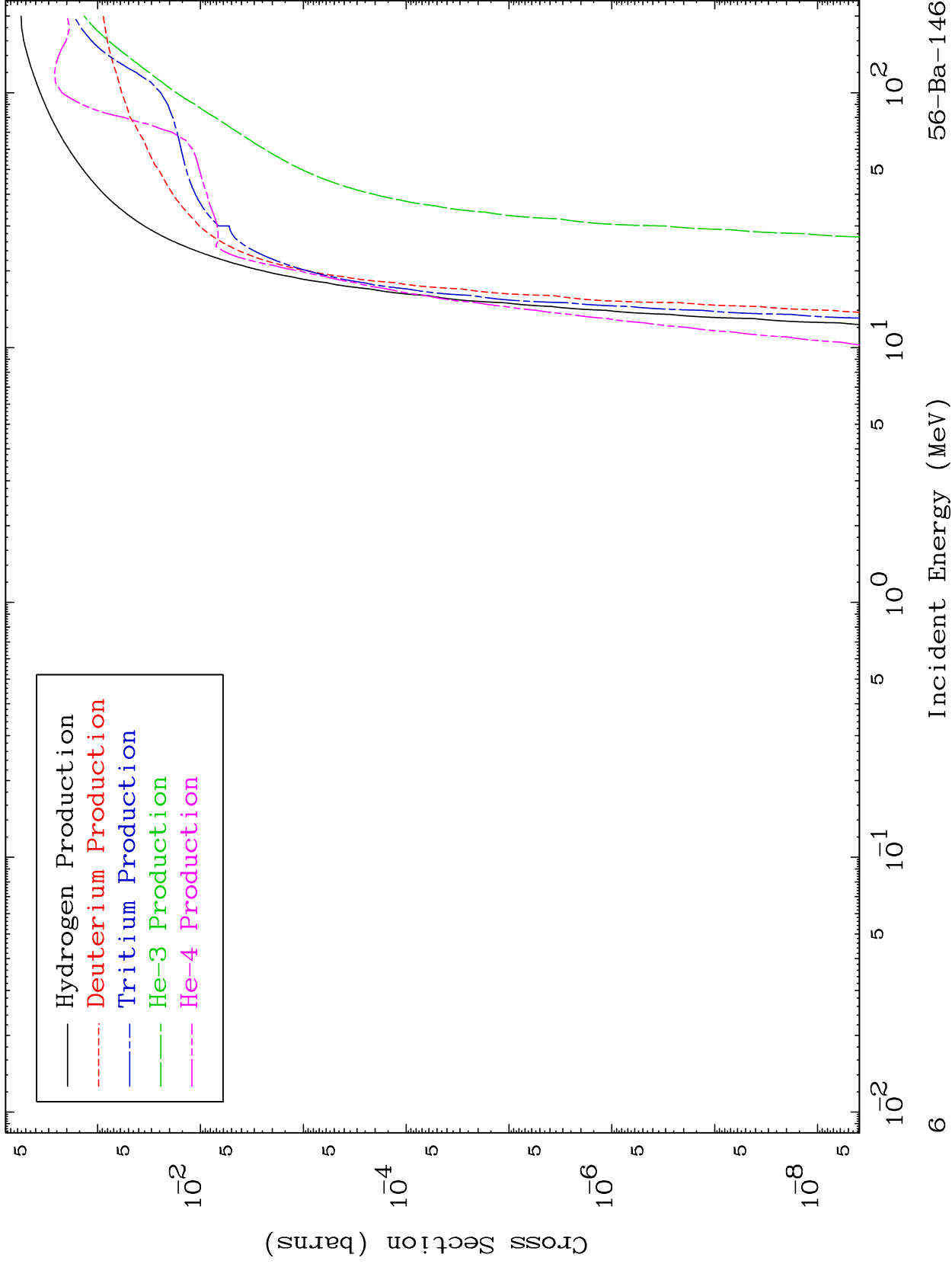
56-Ba-146



MAT 5673

Particle Production  
293 Kelvin Cross Sections

56-Ba-146

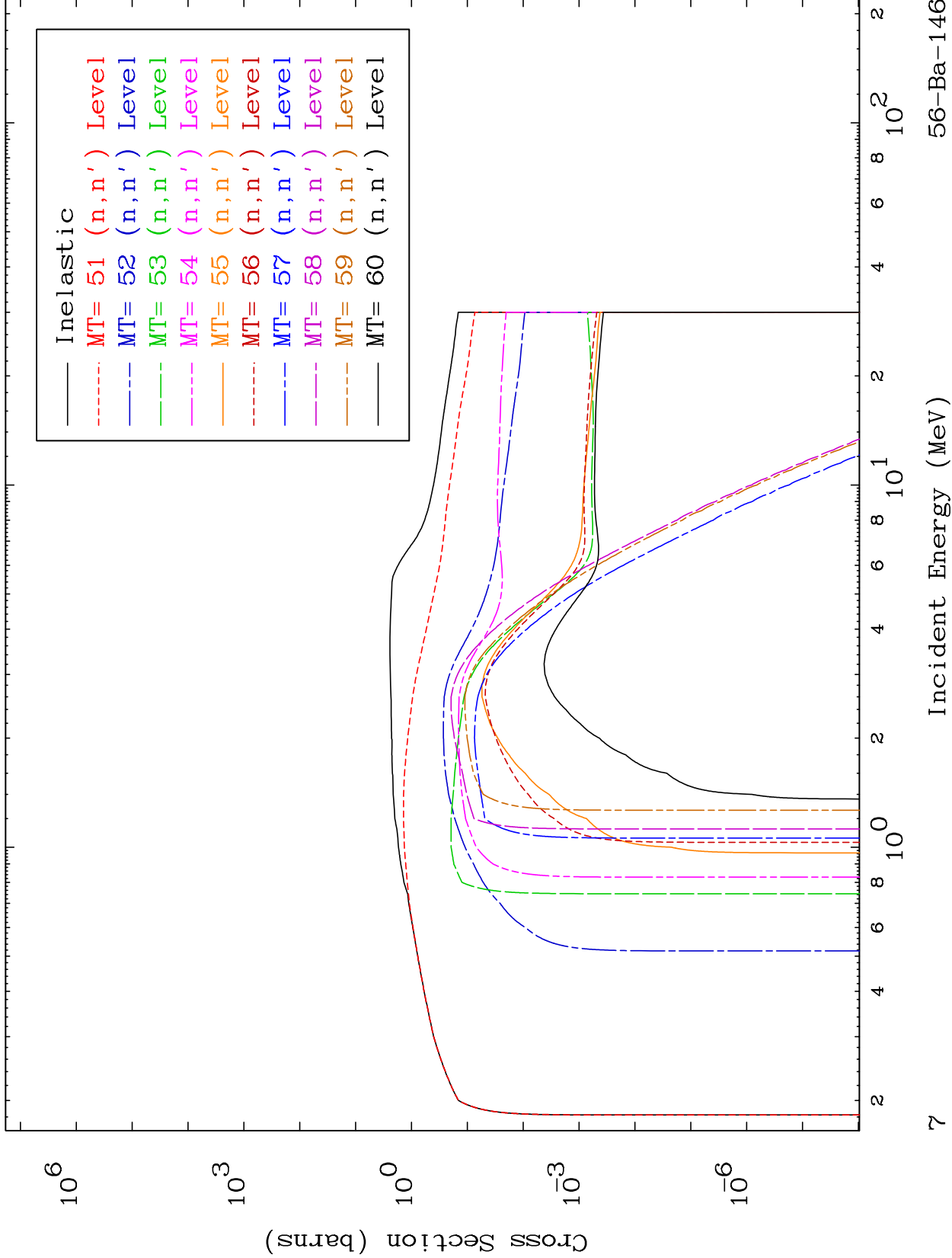


MAT 5673

(n,n') Level

56-Ba-146

293 Kelvin Cross Sections



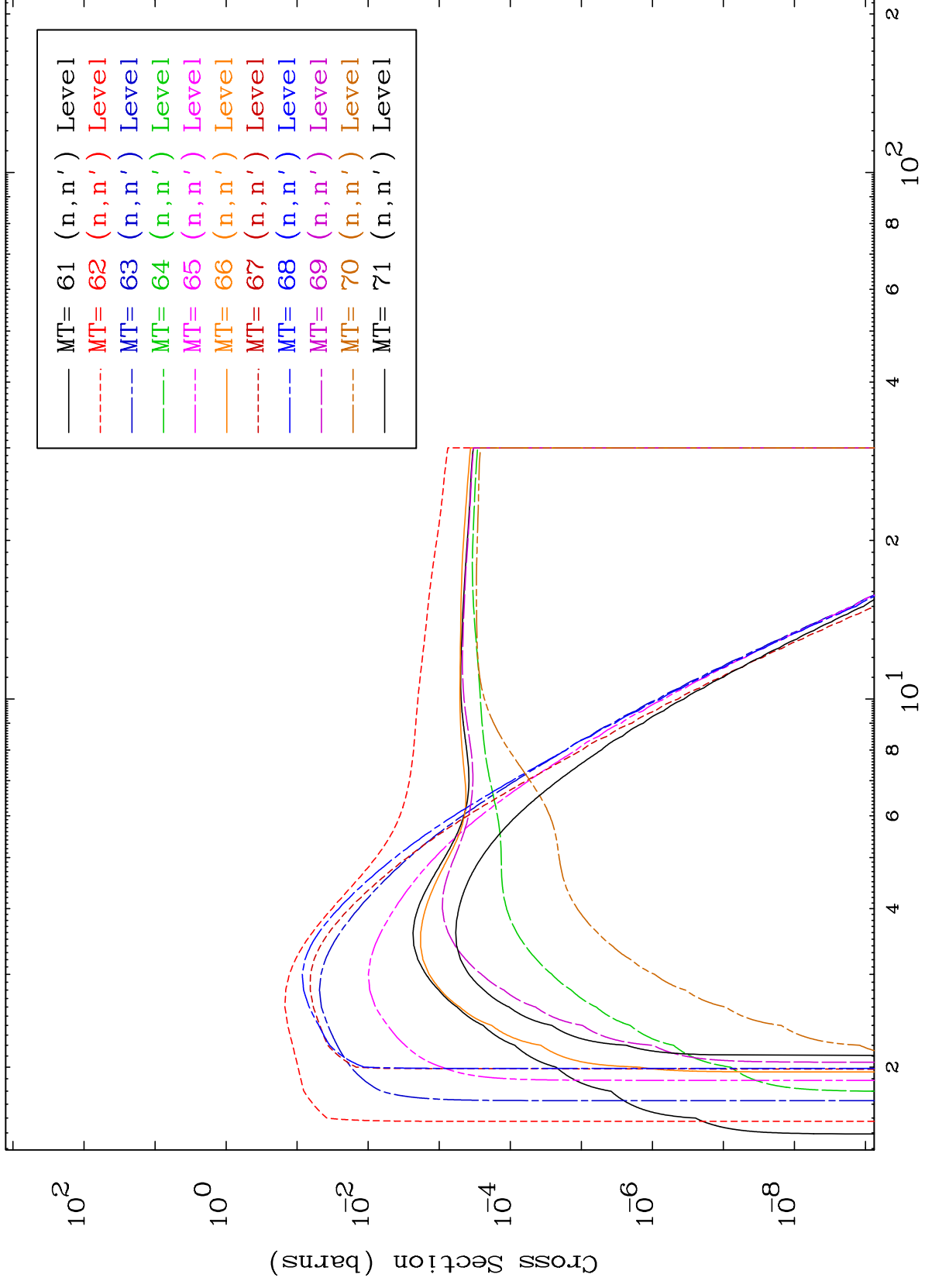


MAT 5673

(n,n') Level

293 Kelvin Cross Sections

56-Ba-146



8

Incident Energy (MeV)

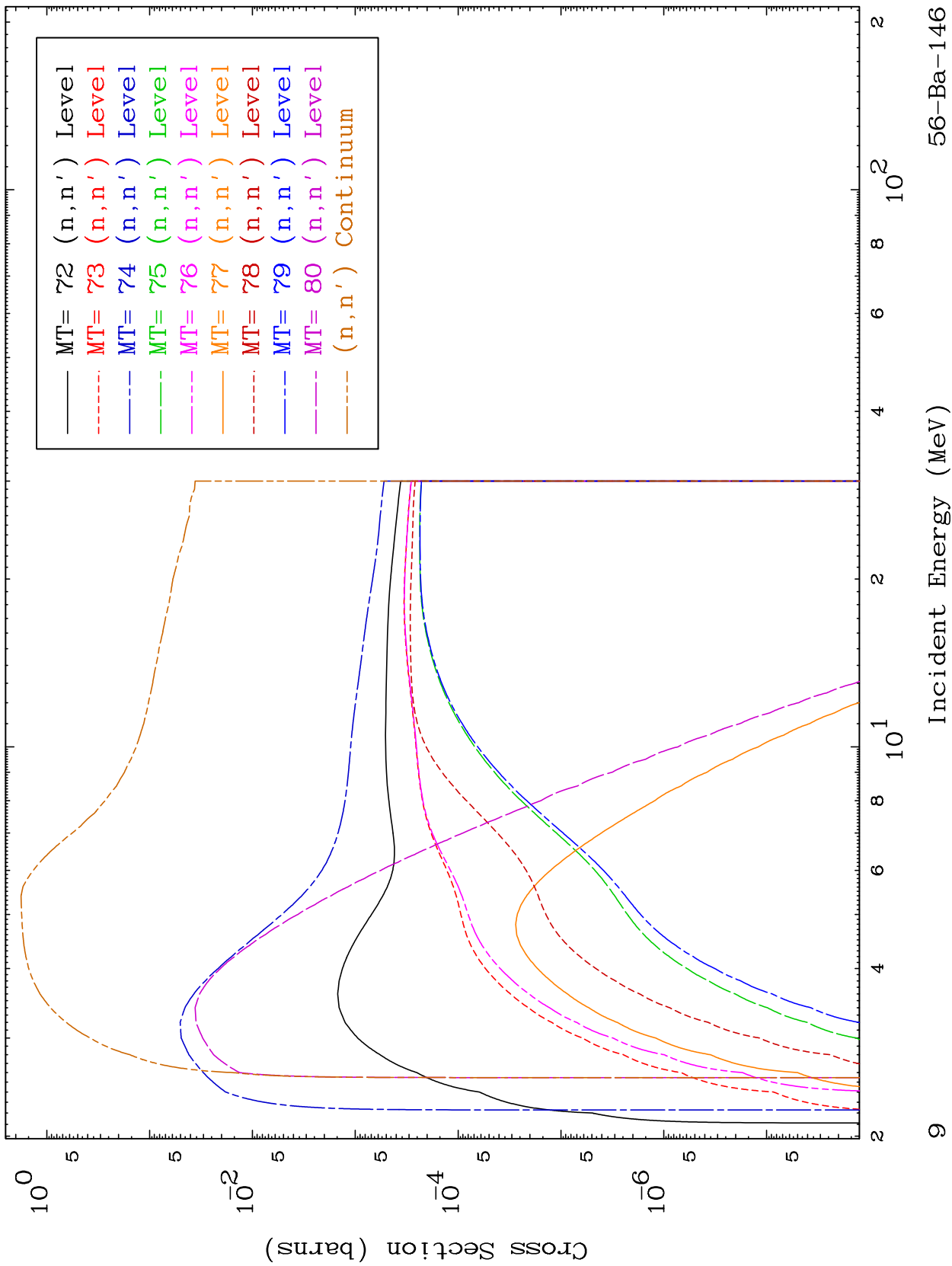
56-Ba-146

MAT 5673

(n,n') Level

56-Ba-146

293 Kelvin Cross Sections



56-Ba-146

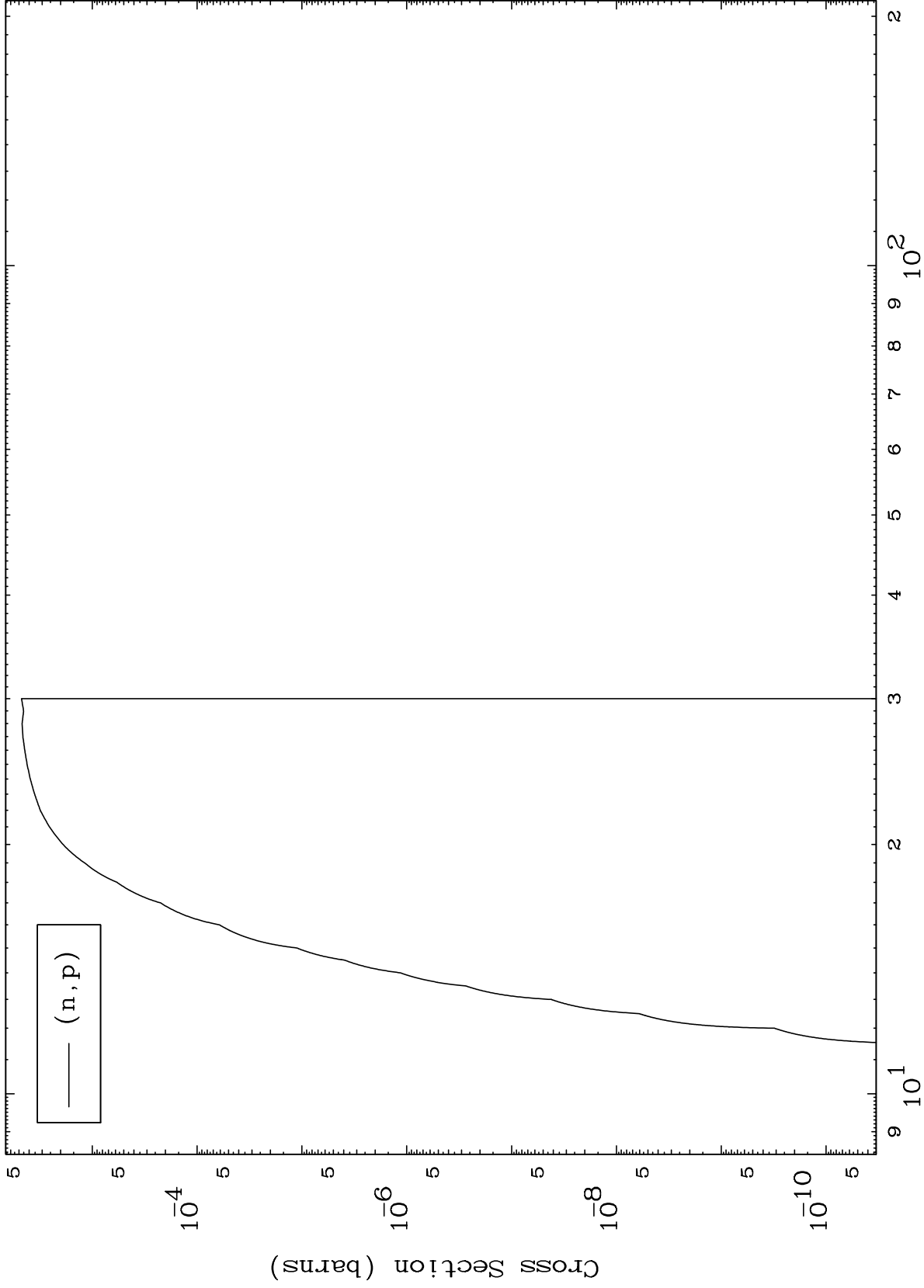
Incident Energy (MeV)

9

MAT 5673

(n,p) Levels  
293 Kelvin Cross Sections

56-Ba-146



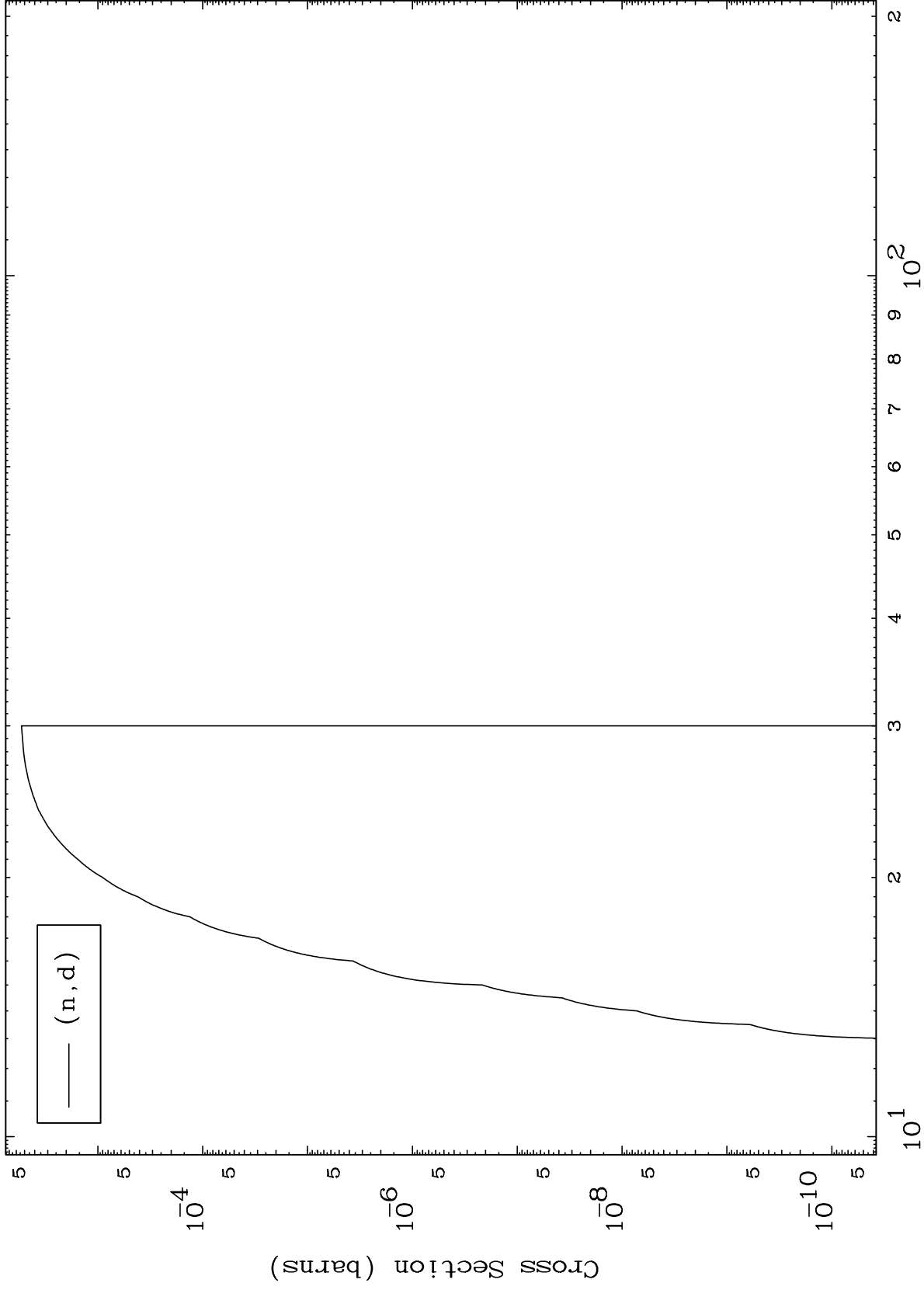
Incident Energy (MeV)

56-Ba-146

MAT 5673

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-146



Incident Energy (MeV)

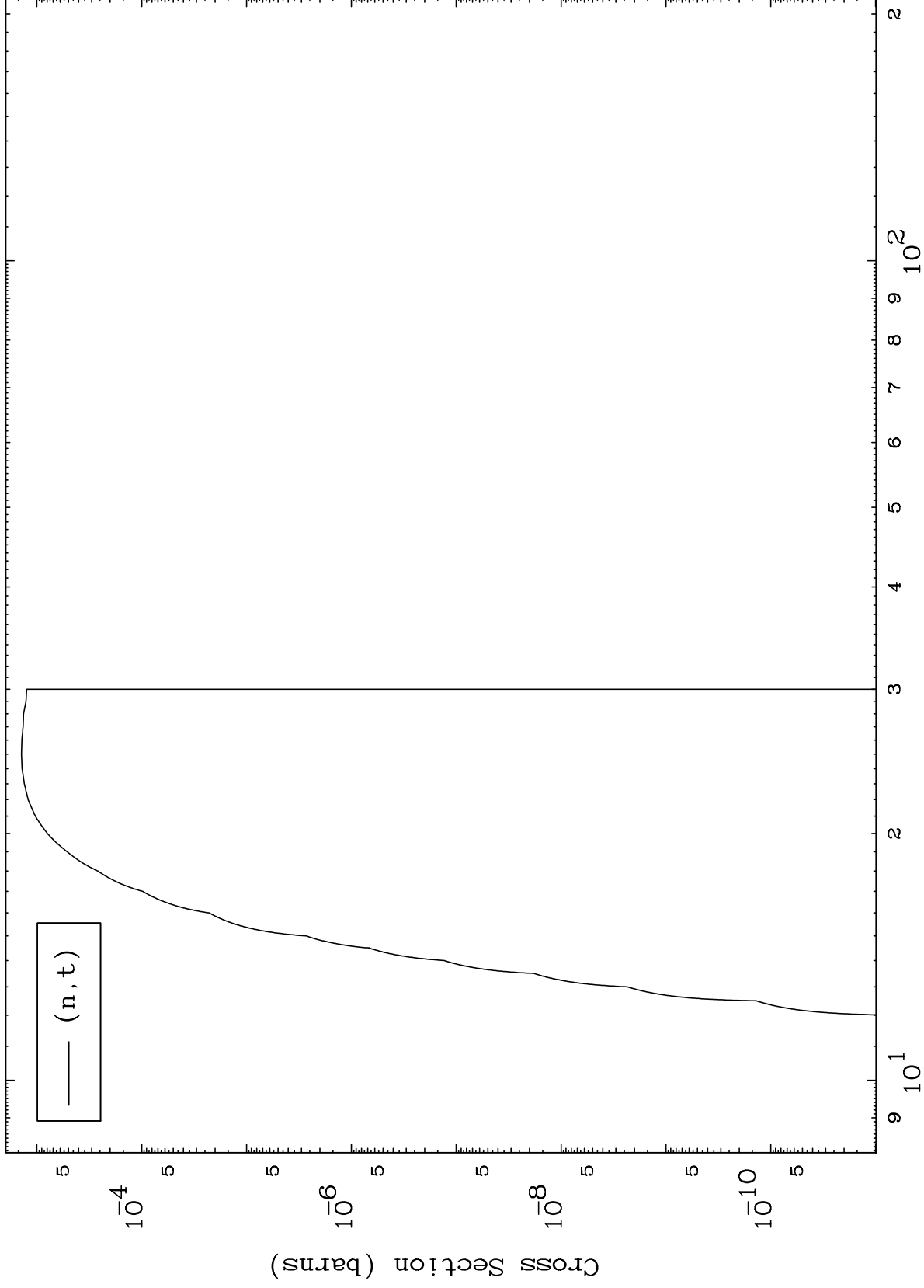
56-Ba-146

11

MAT 5673

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-146



12

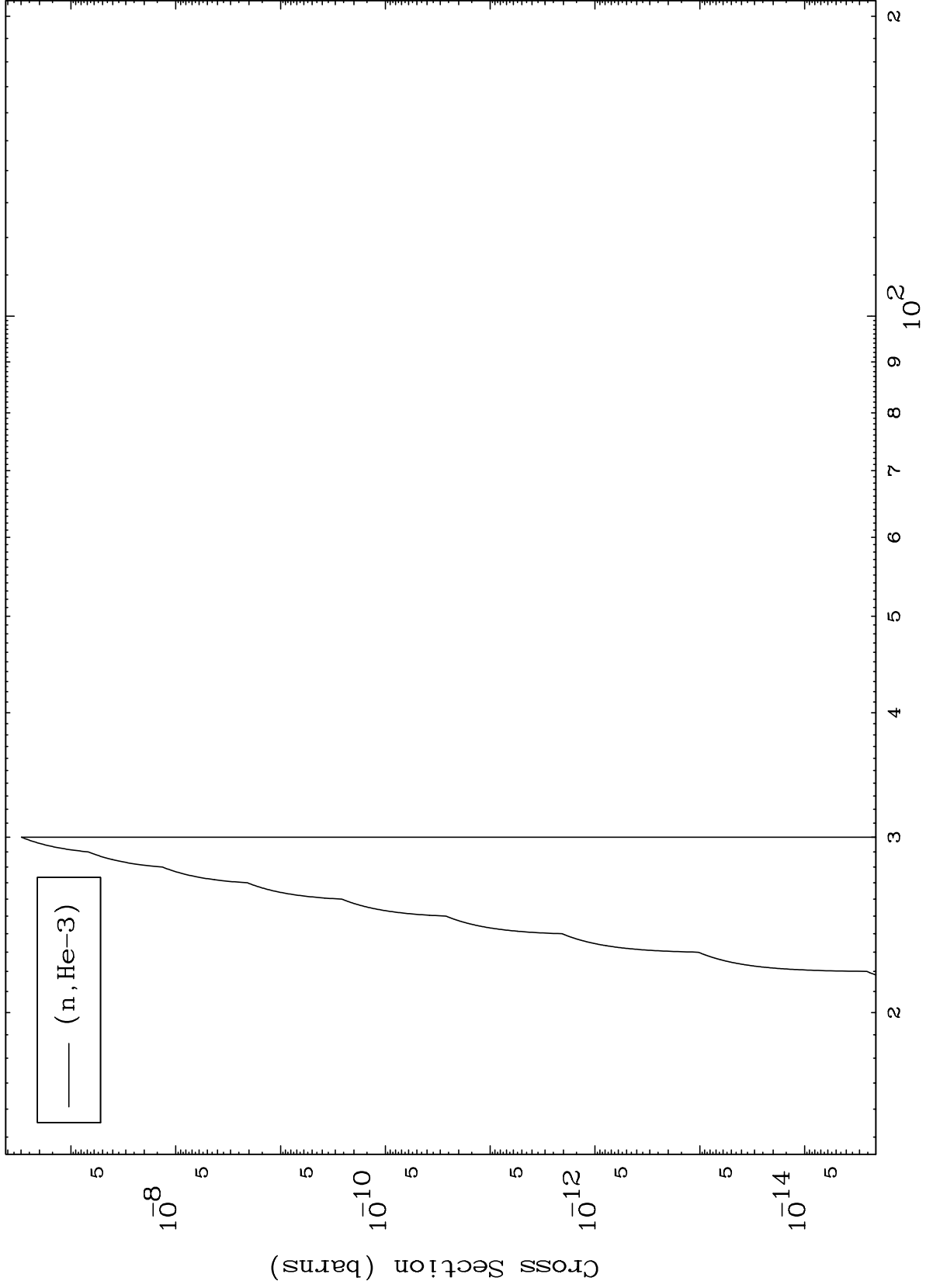
Incident Energy (MeV)

56-Ba-146

MAT 5673

(n,He3) Levels  
293 Kelvin Cross Sections

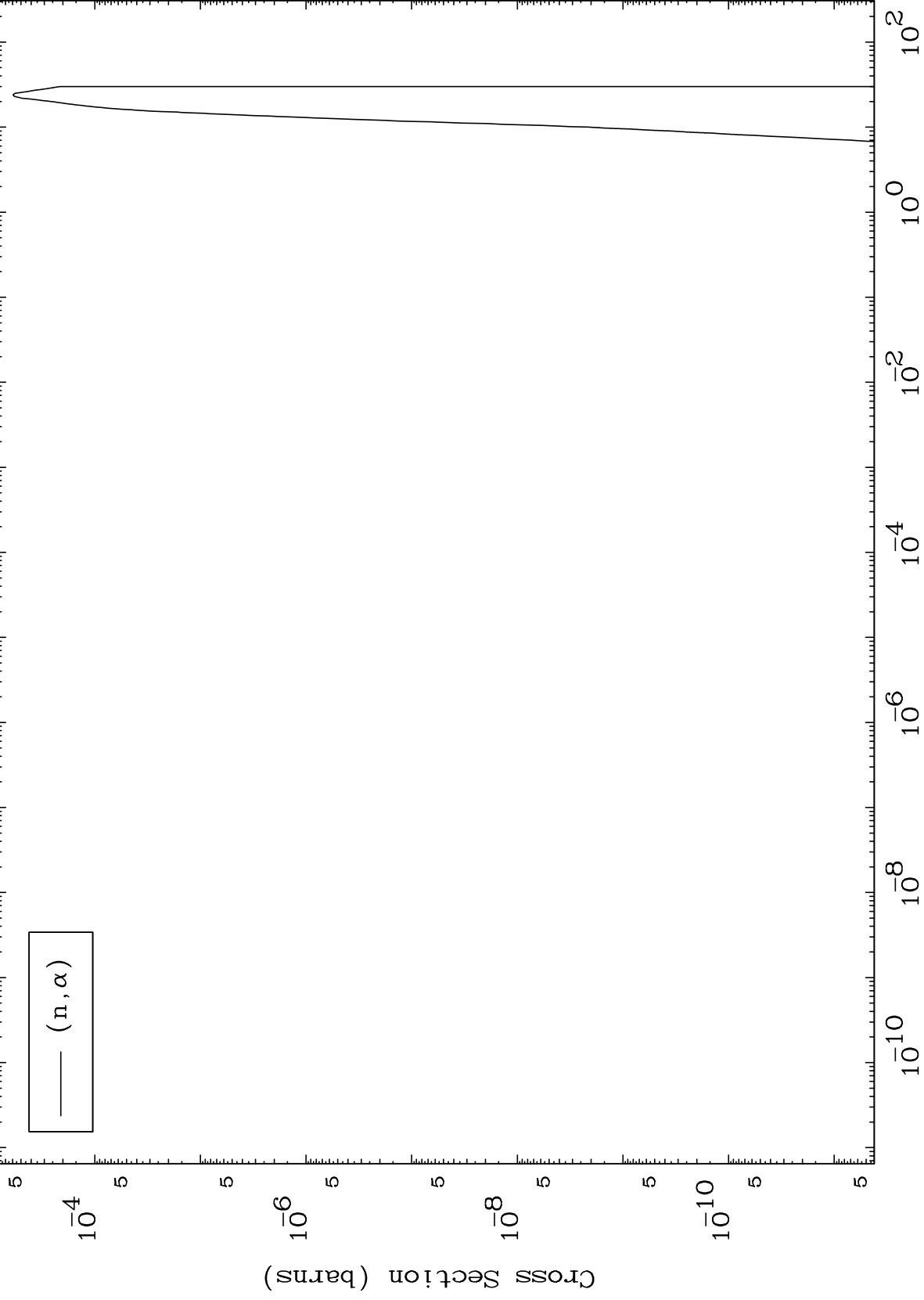
56-Ba-146



MAT 5673

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

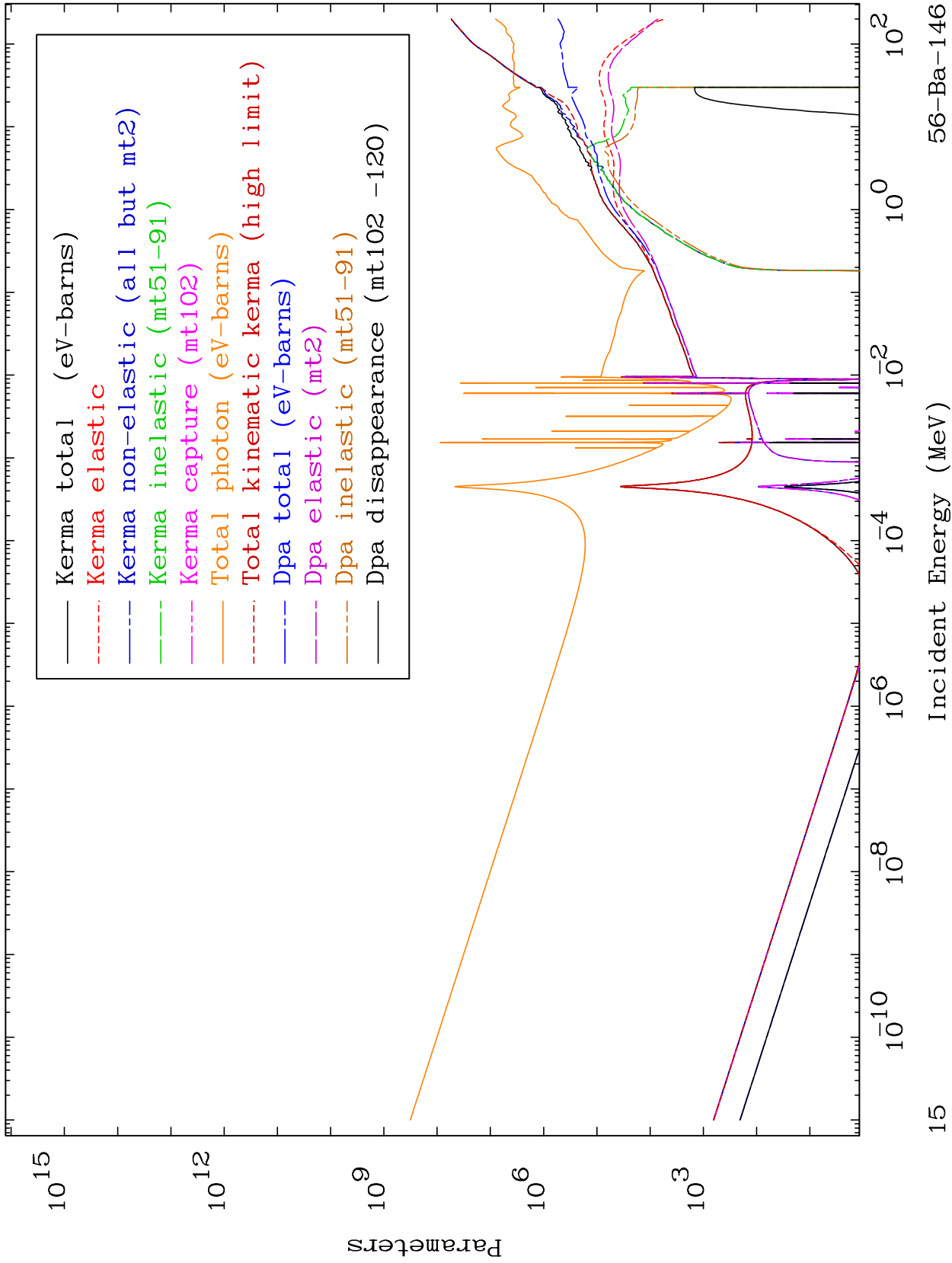
56-Ba-146



56-Ba-146

Incident Energy (MeV)

14

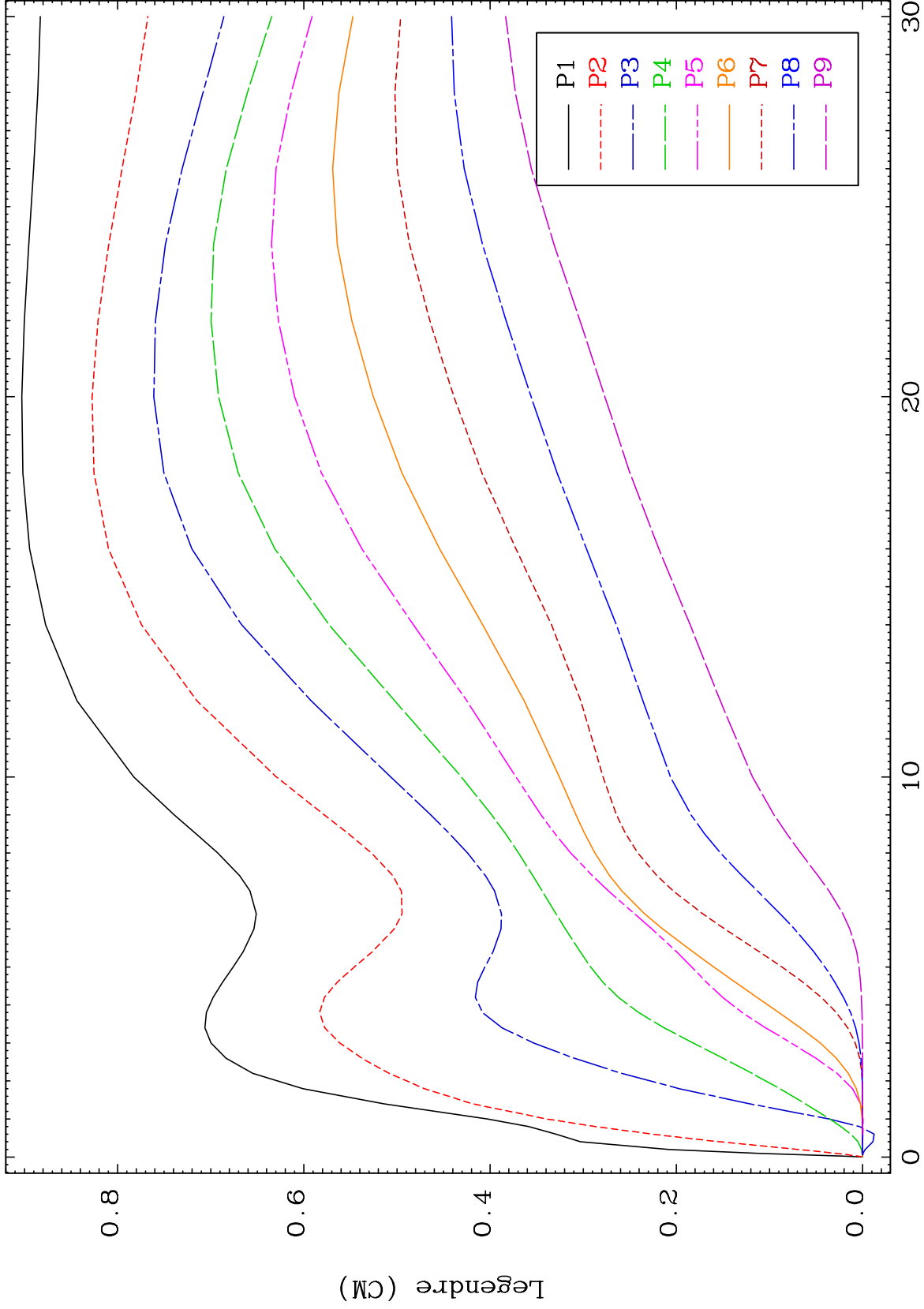




MAT 5673

Elastic Legendre Coefficients

56-Ba-146



16

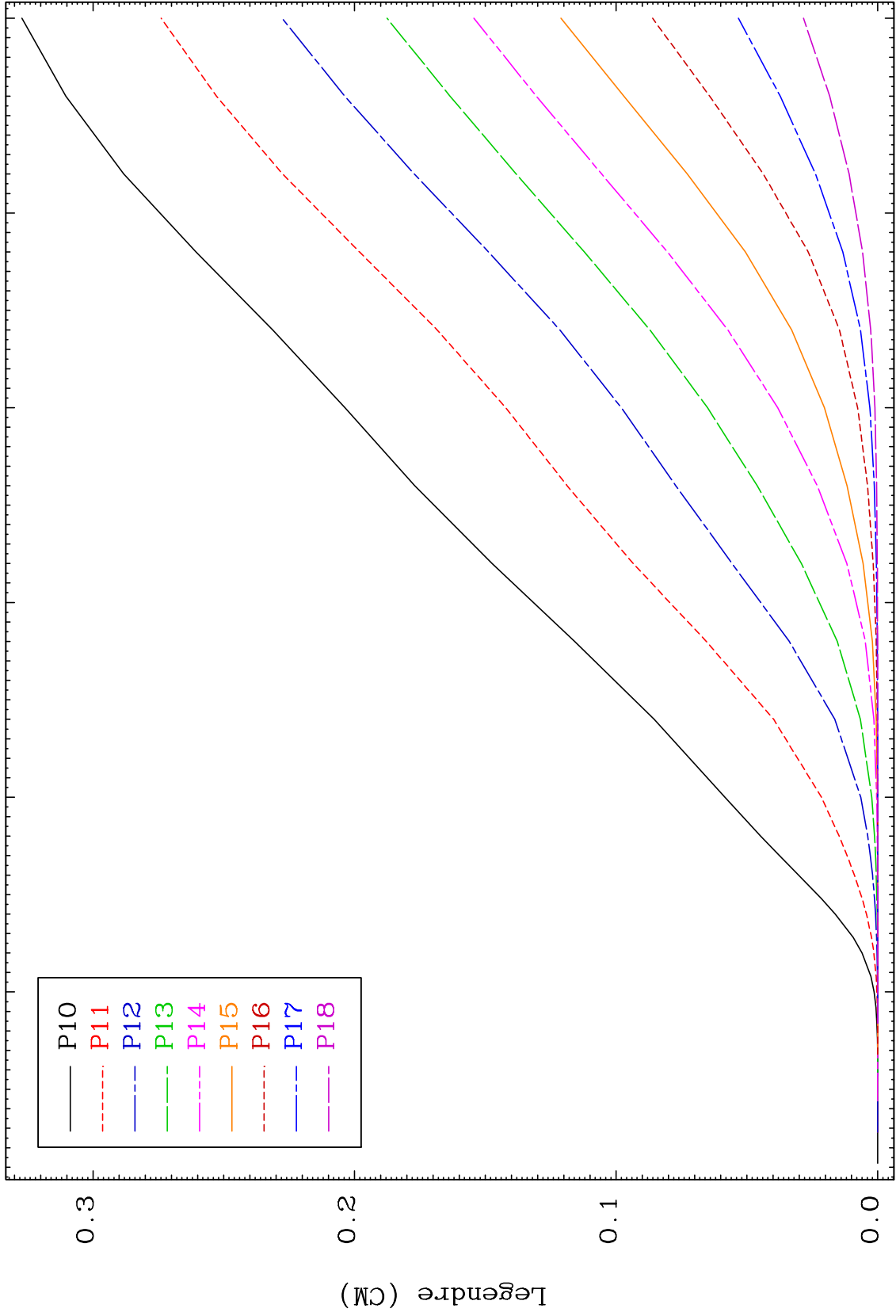
Incident Energy (MeV)

56-Ba-146

MAT 5673

Elastic Legendre Coefficients

56-Ba-146



17

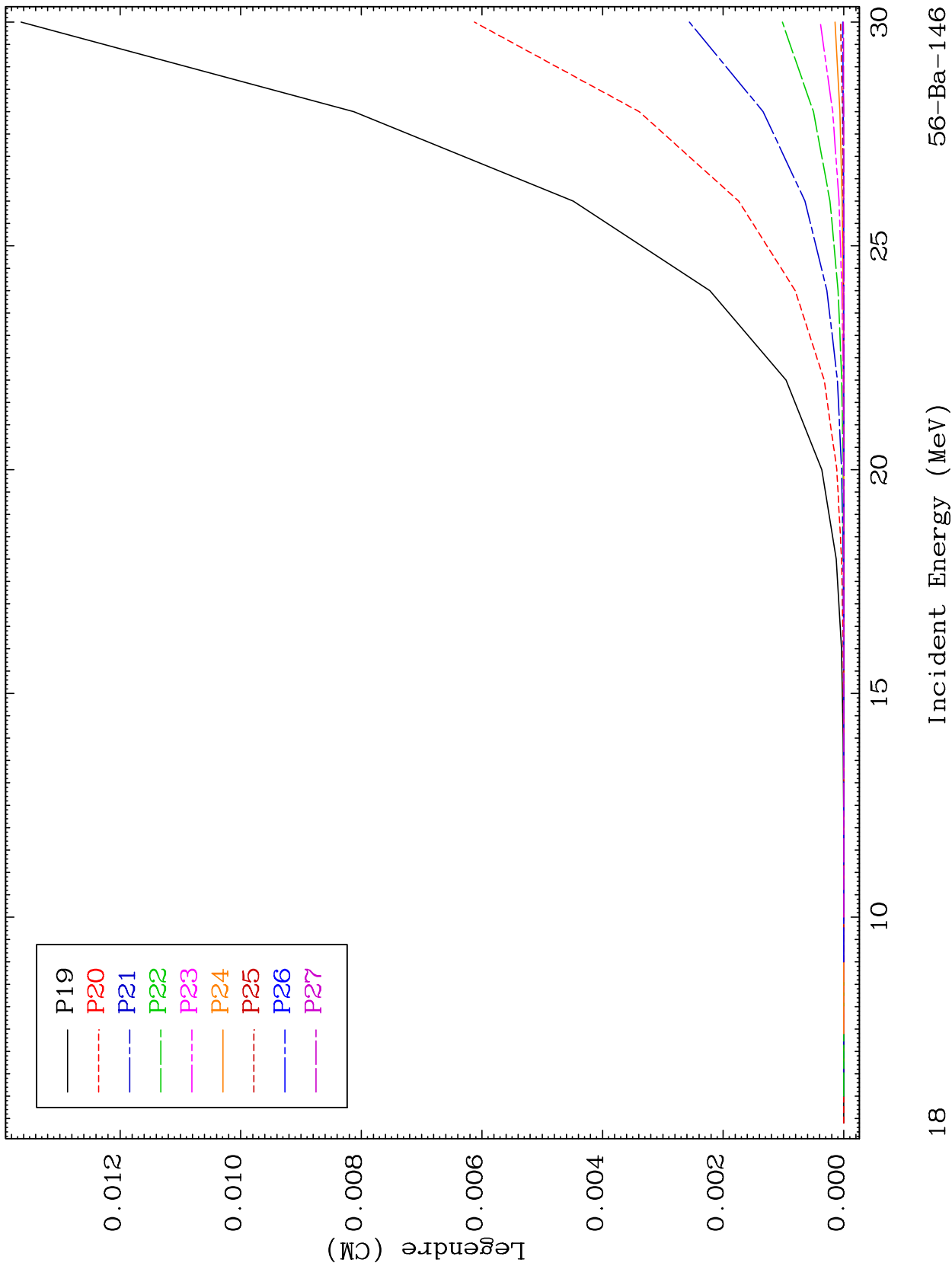
56-Ba-146

Incident Energy (MeV)

MAT 5673

### Elastic Legendre Coefficients

56-Ba-146



18

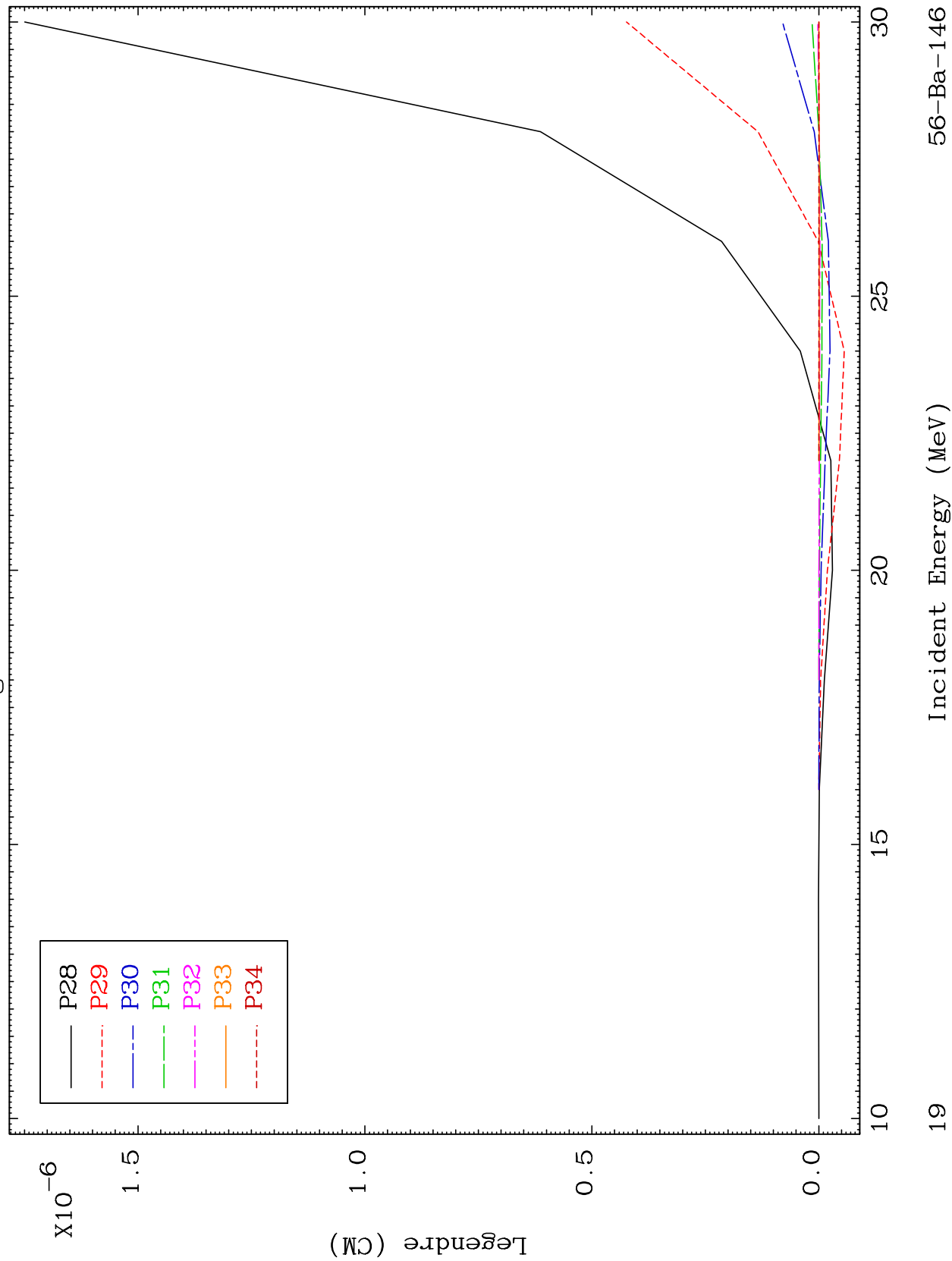
Incident Energy (MeV)

56-Ba-146

MAT 5673

Elastic  
Legendre Coefficients

56-Ba-146



19

Incident Energy (MeV)

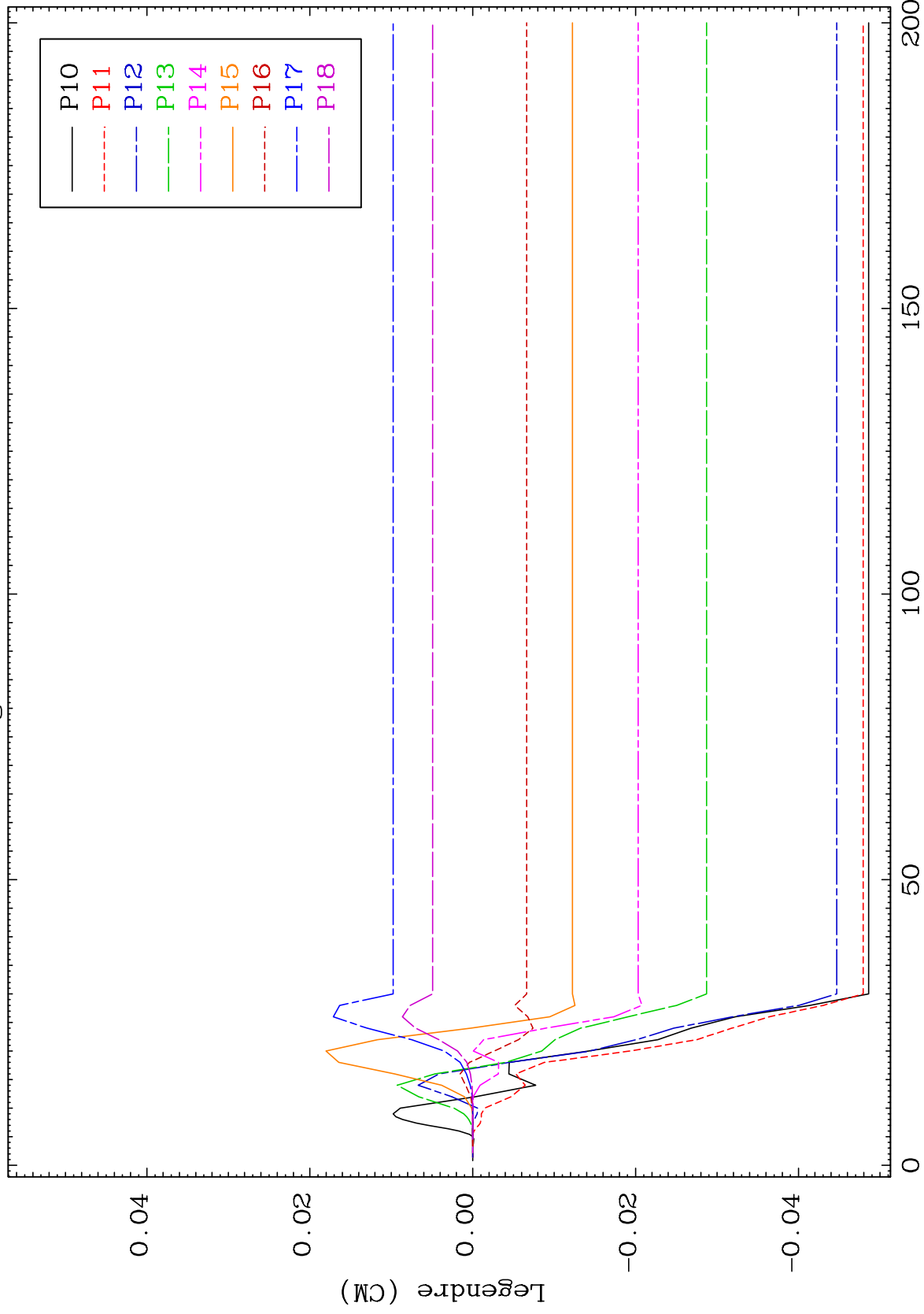
56-Ba-146



MAT 5673

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

56-Ba-146



21

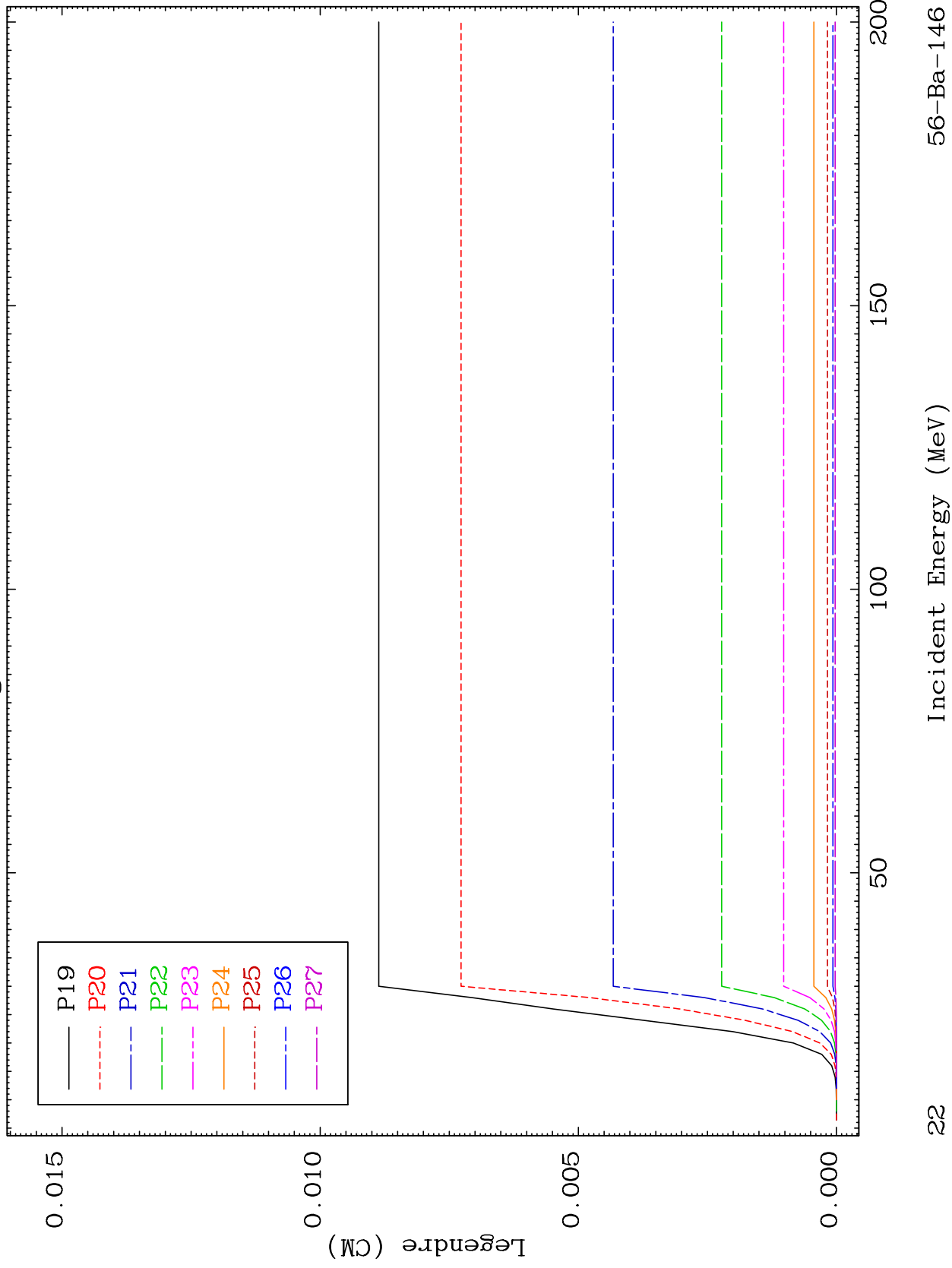
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146

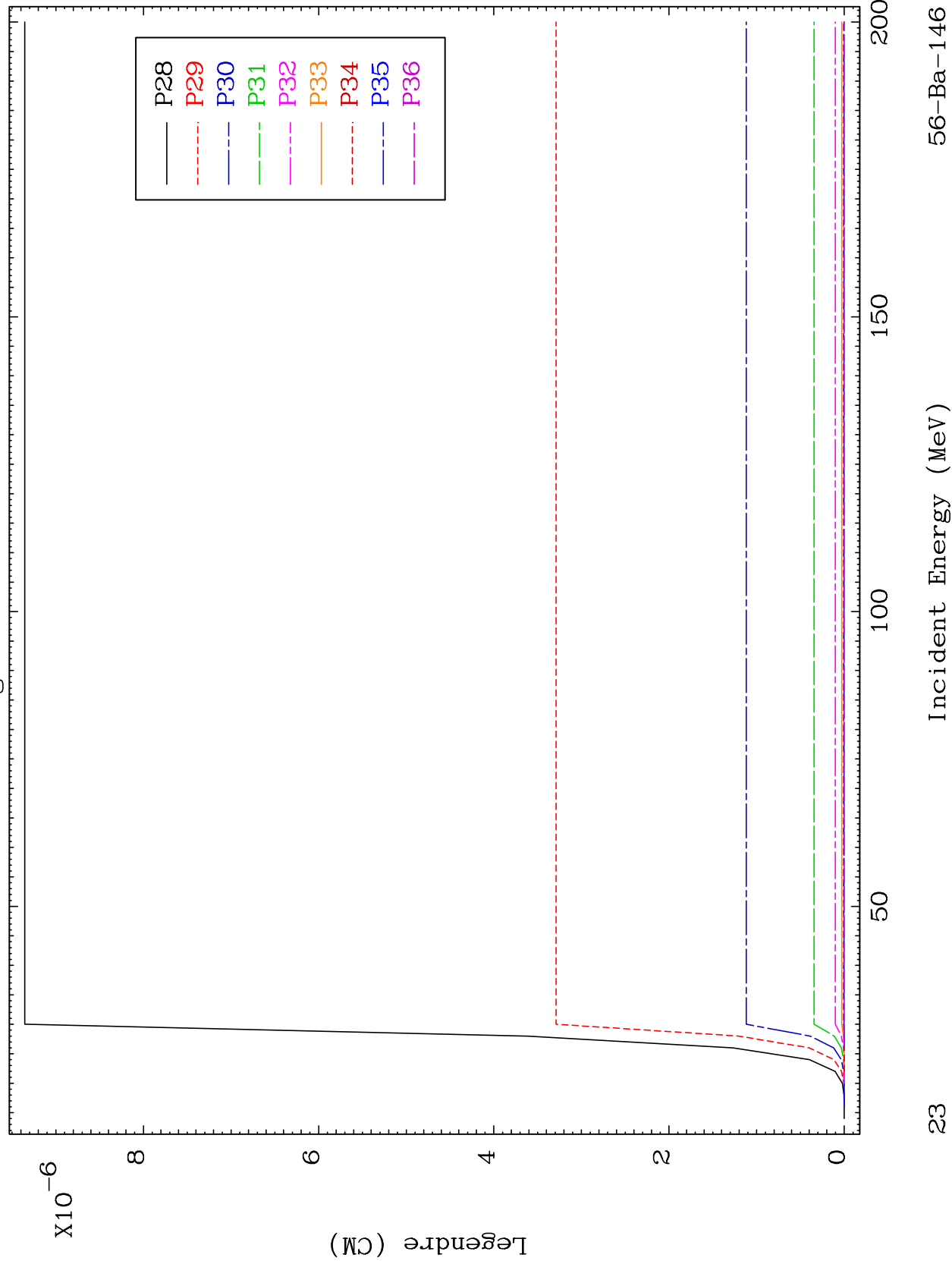


22

MAT 5673

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

56-Ba-146

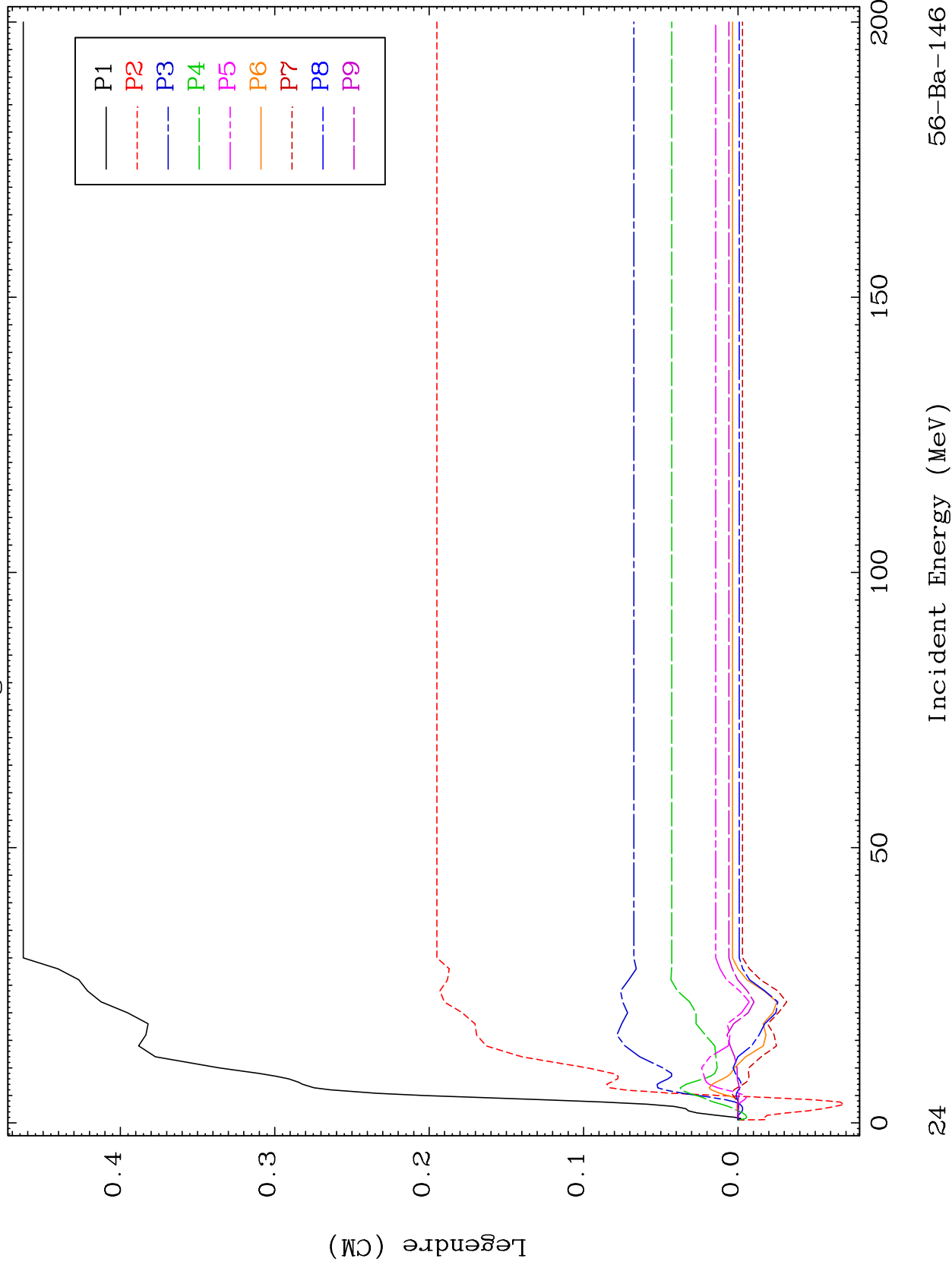




MAT 5673

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

56-Ba-146



56-Ba-146

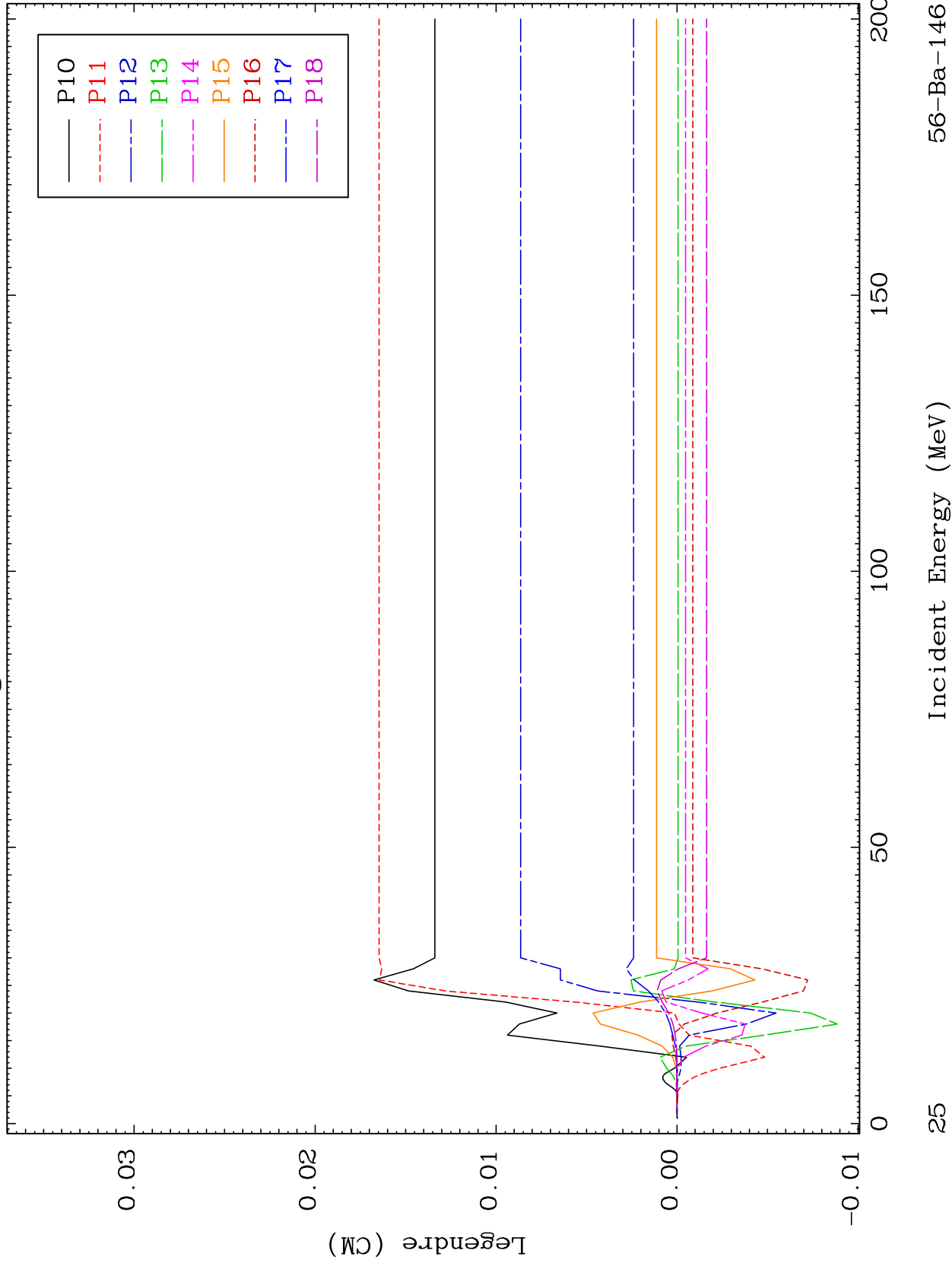
Incident Energy (MeV)

24

MAT 5673

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

56-Ba-146



56-Ba-146

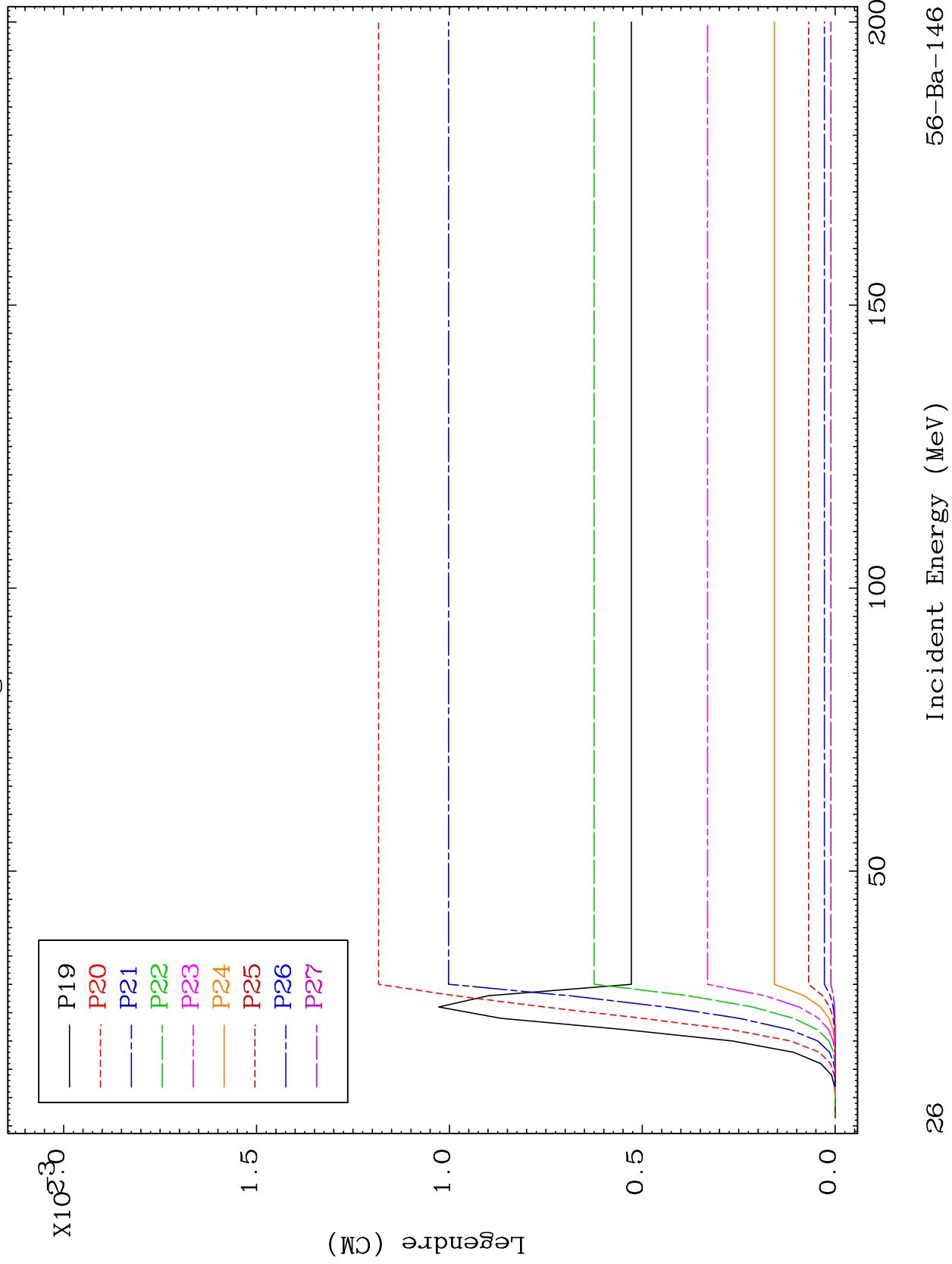
Incident Energy (MeV)

25

MAT 5673

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

56-Ba-146



26

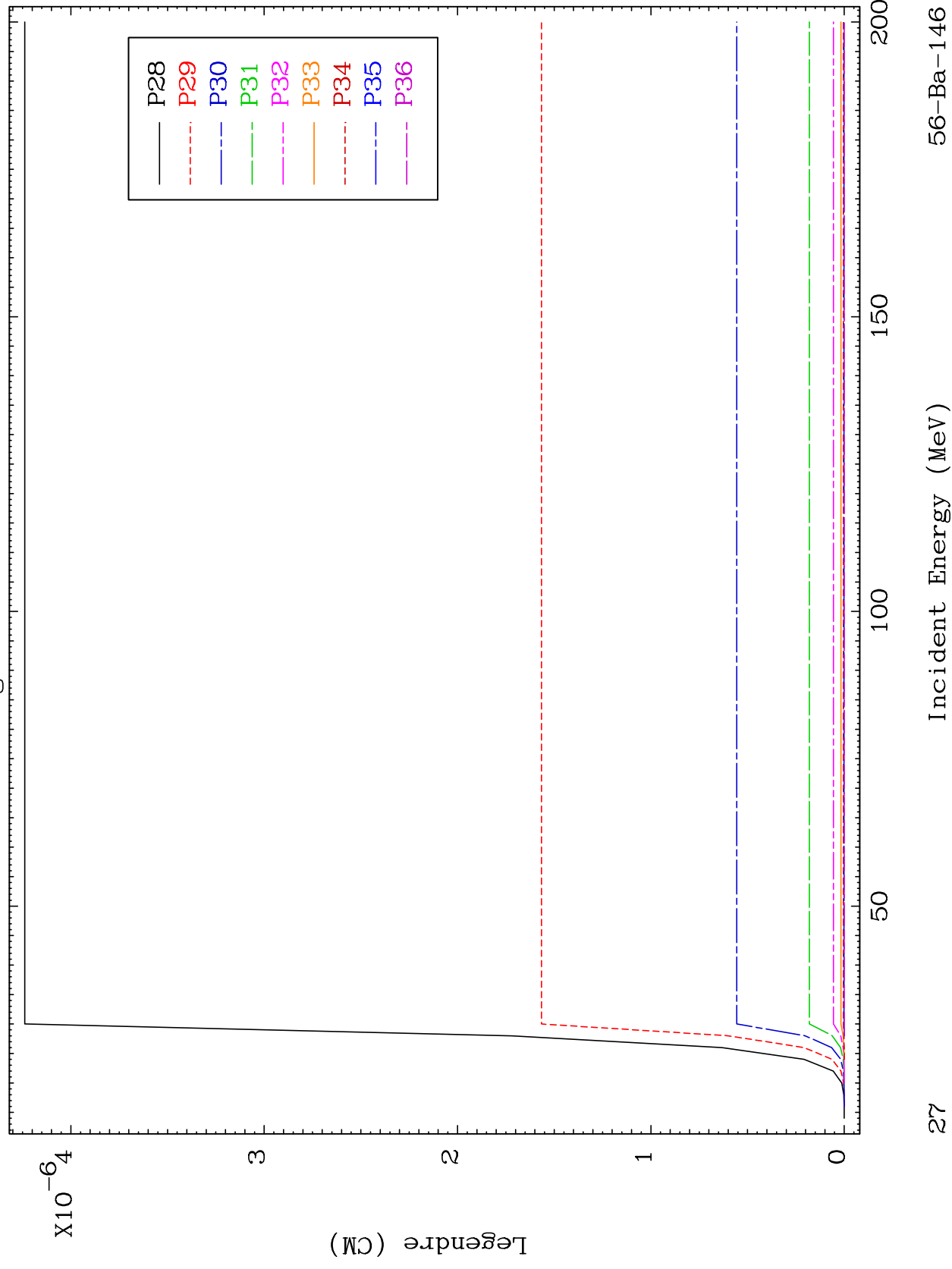
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



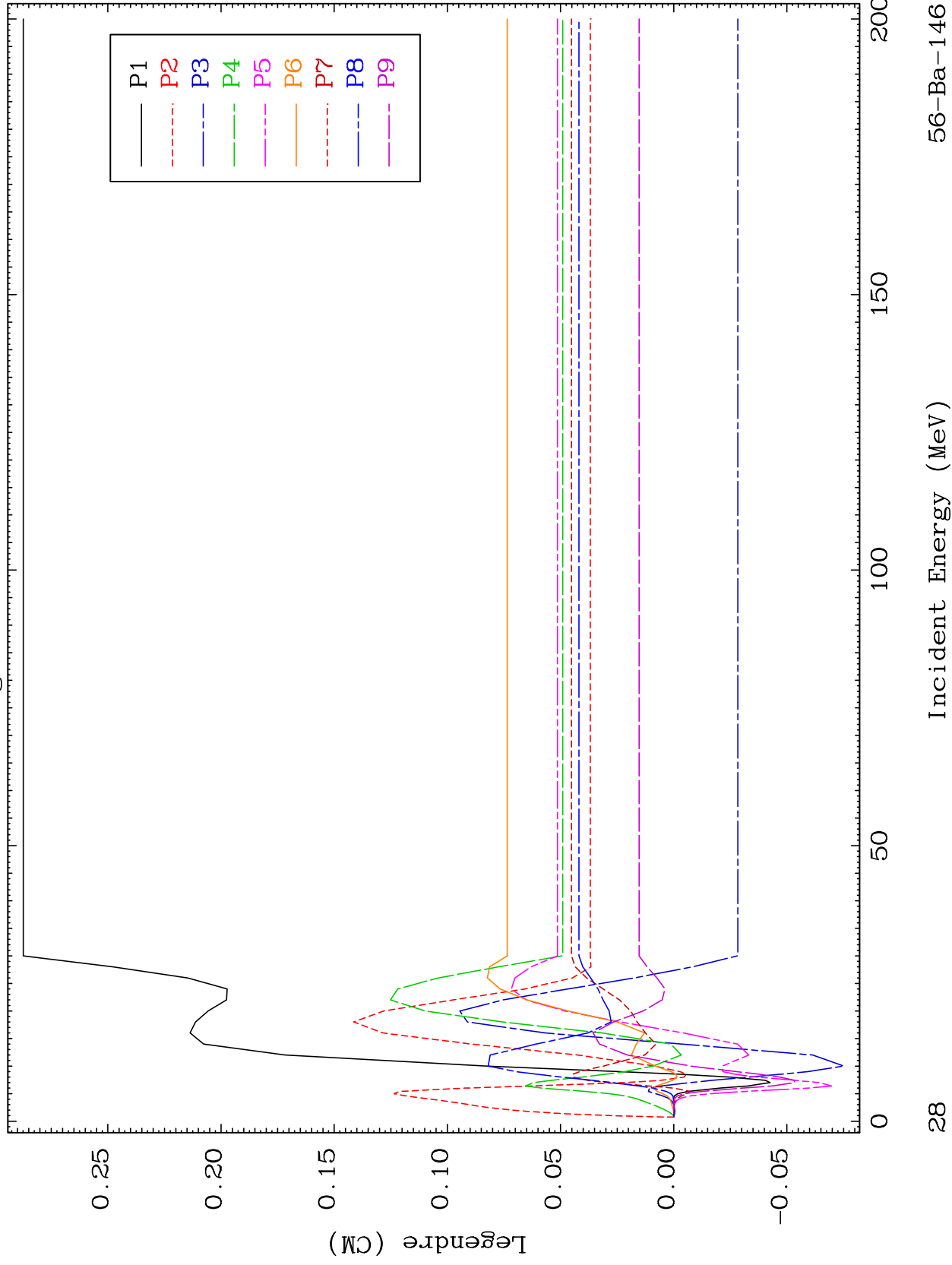
27

56-Ba-146

MAT 5673

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

56-Ba-146



56-Ba-146

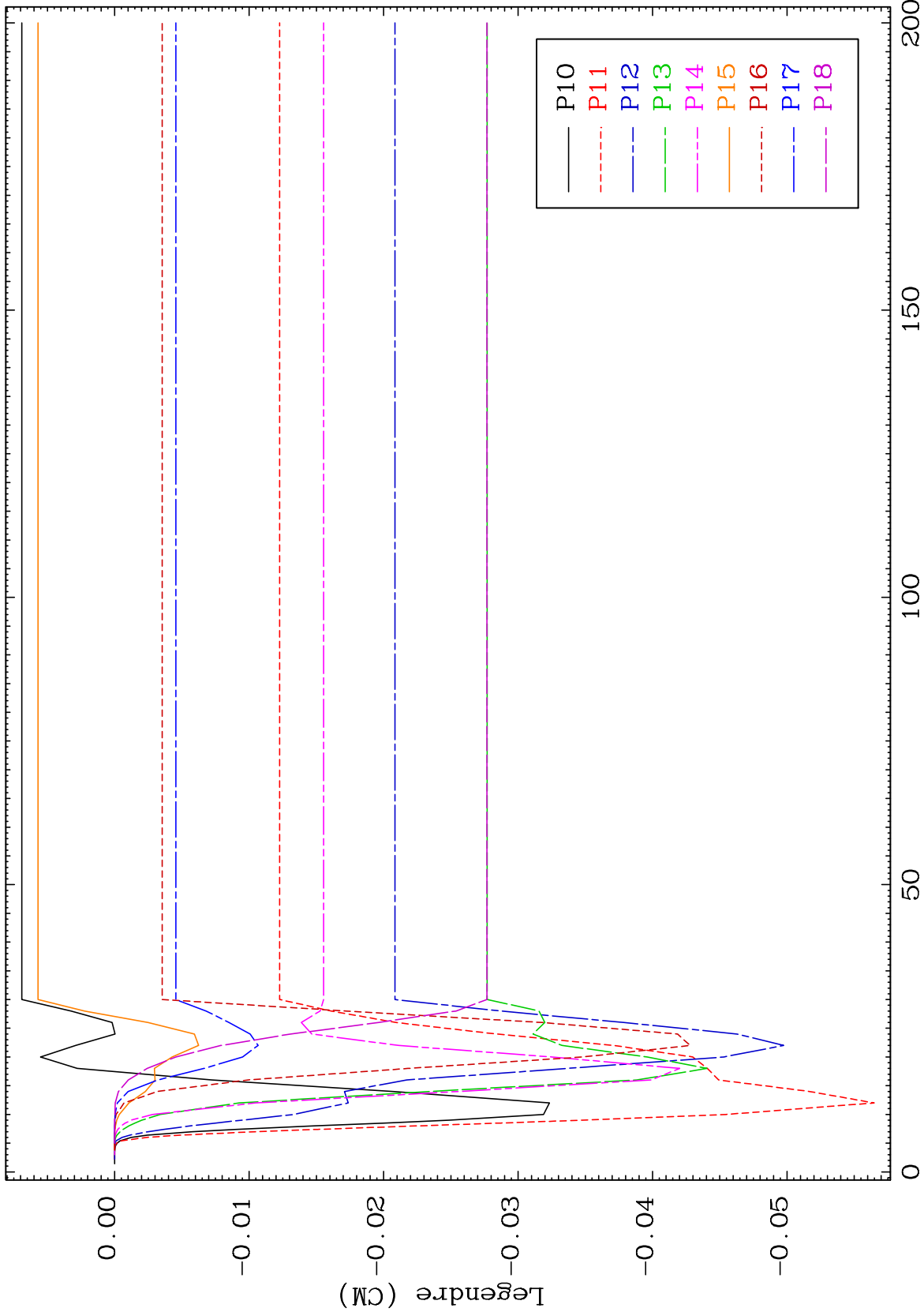
Incident Energy (MeV)

28

MAT 5673

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

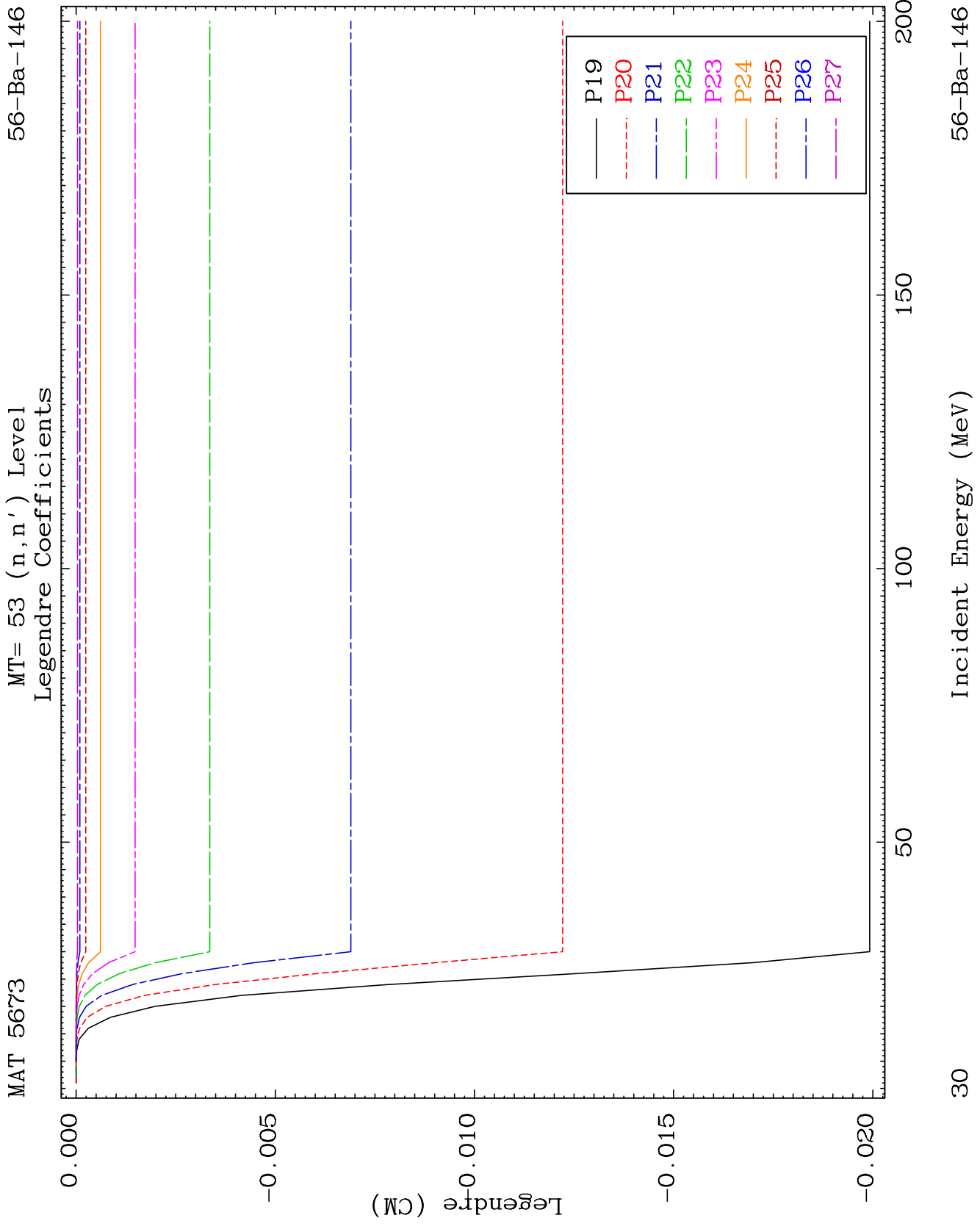
56-Ba-146

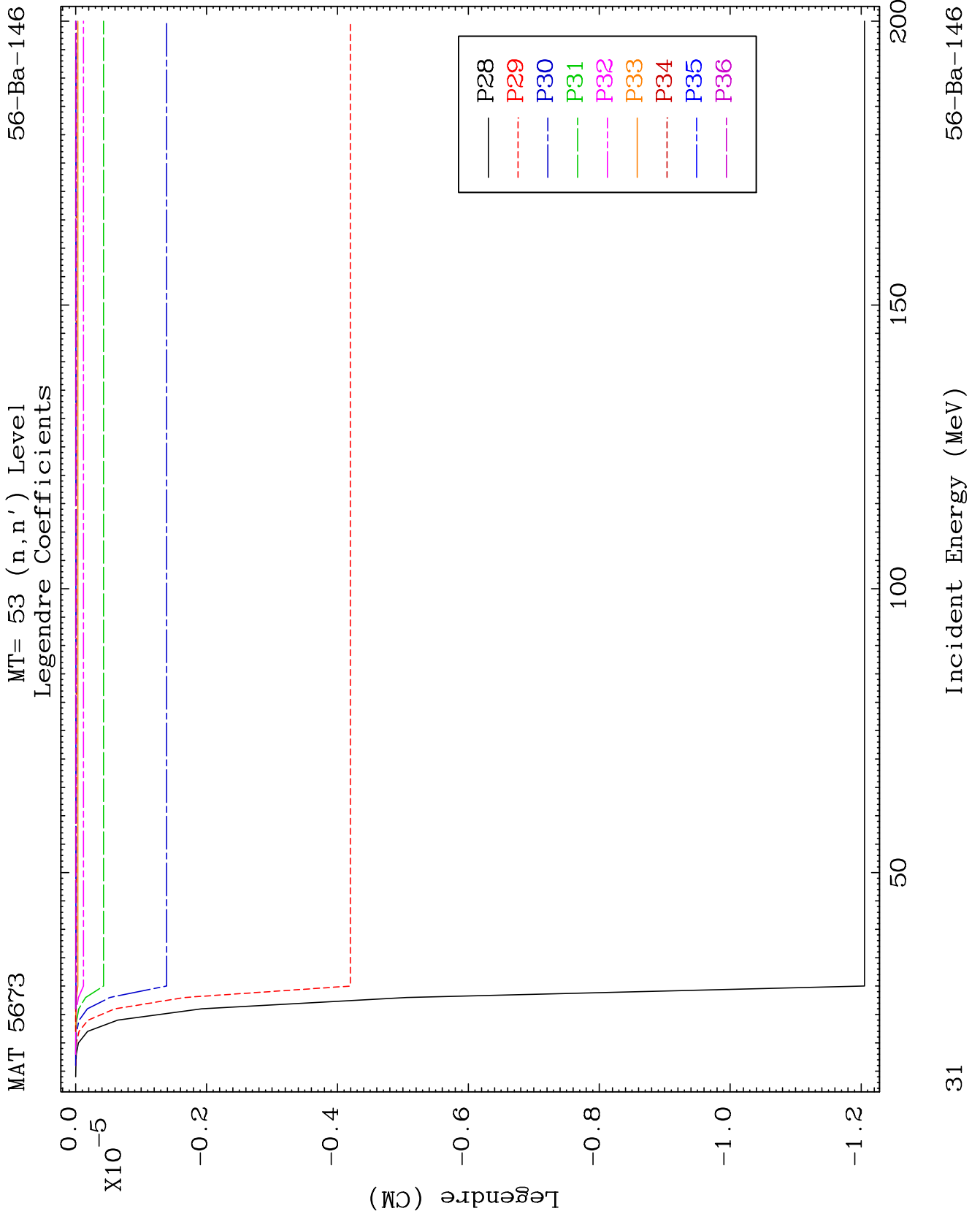


29

Incident Energy (MeV)

56-Ba-146



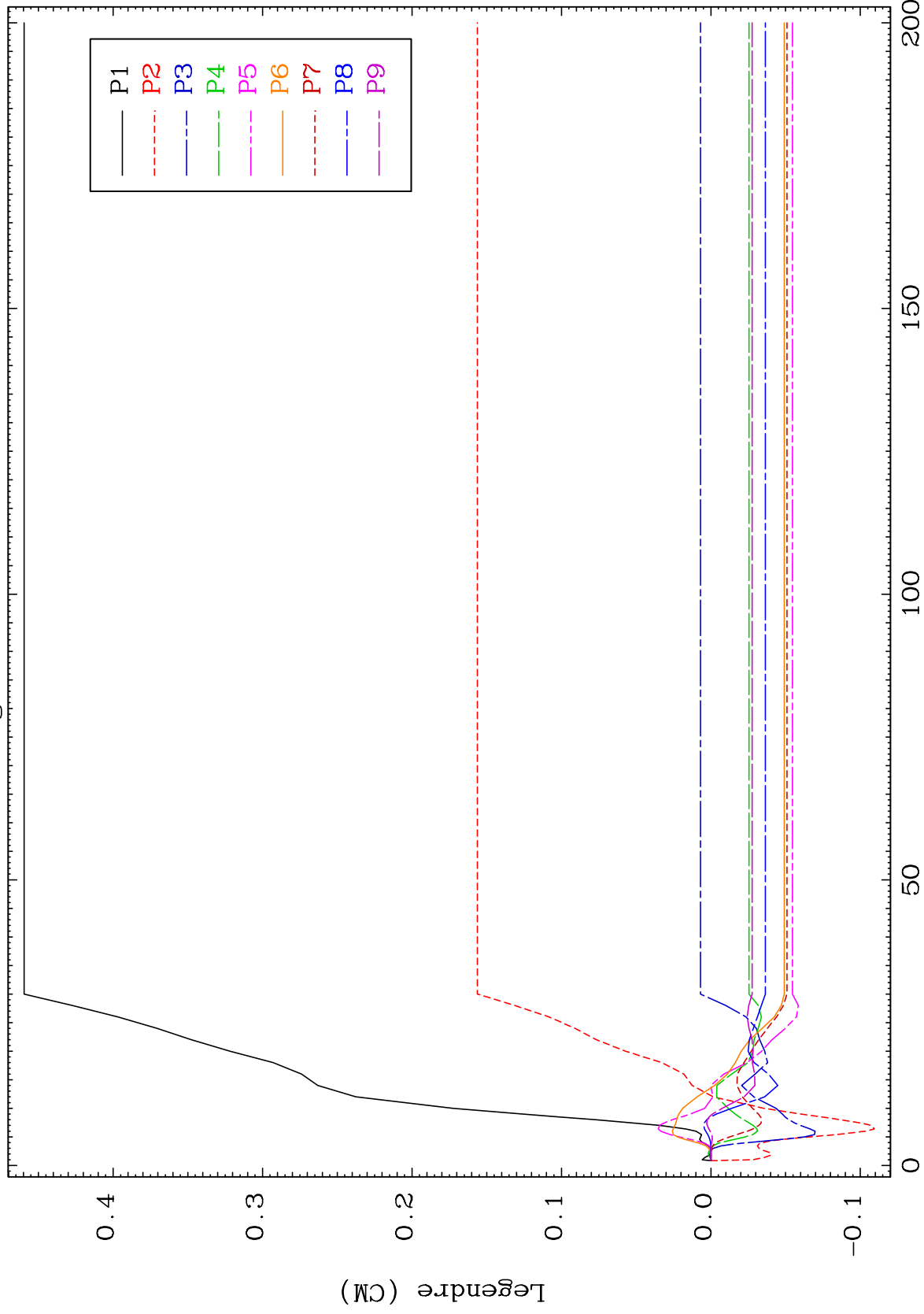




MAT 5673

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

56-Ba-146



32

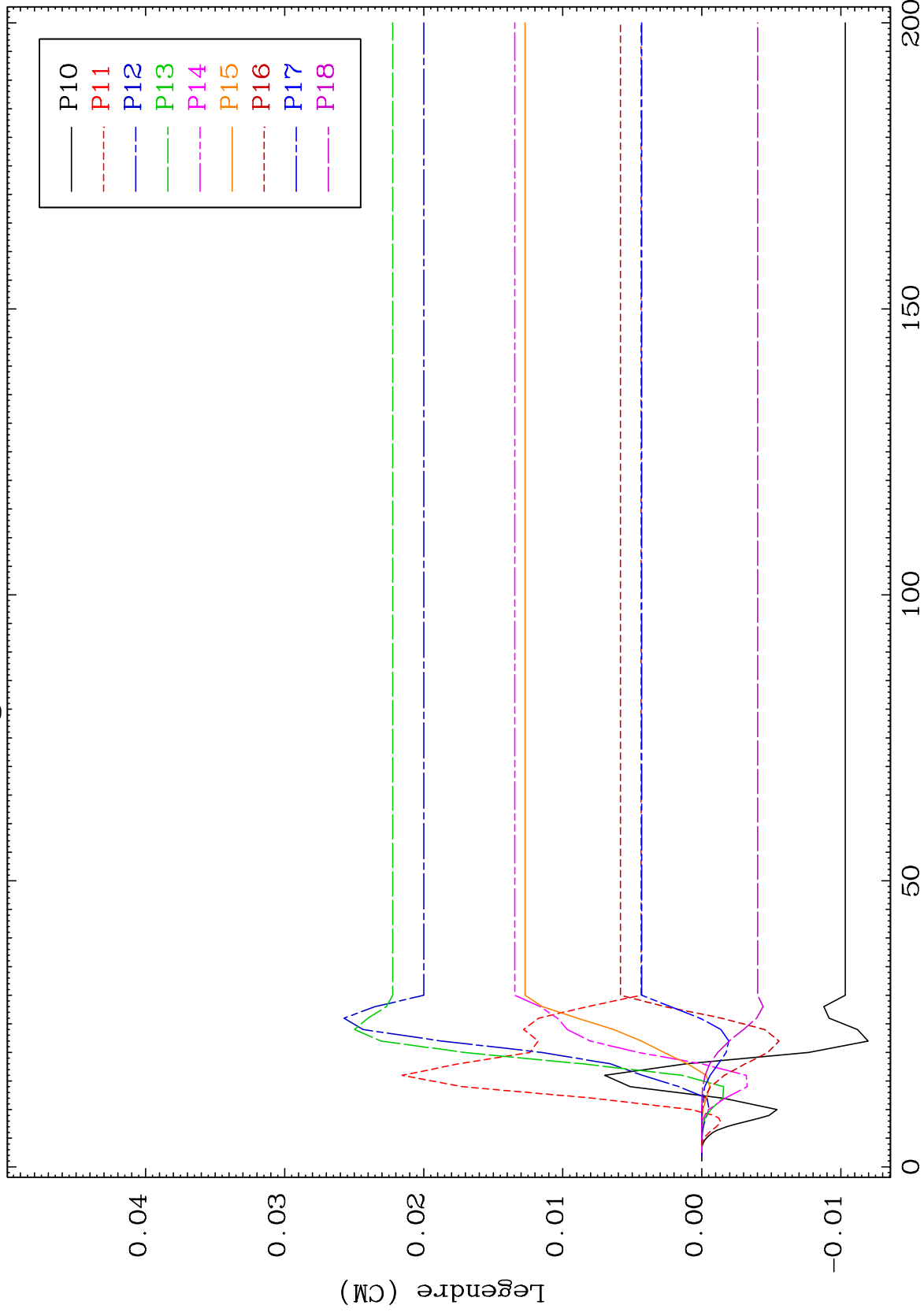
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



33

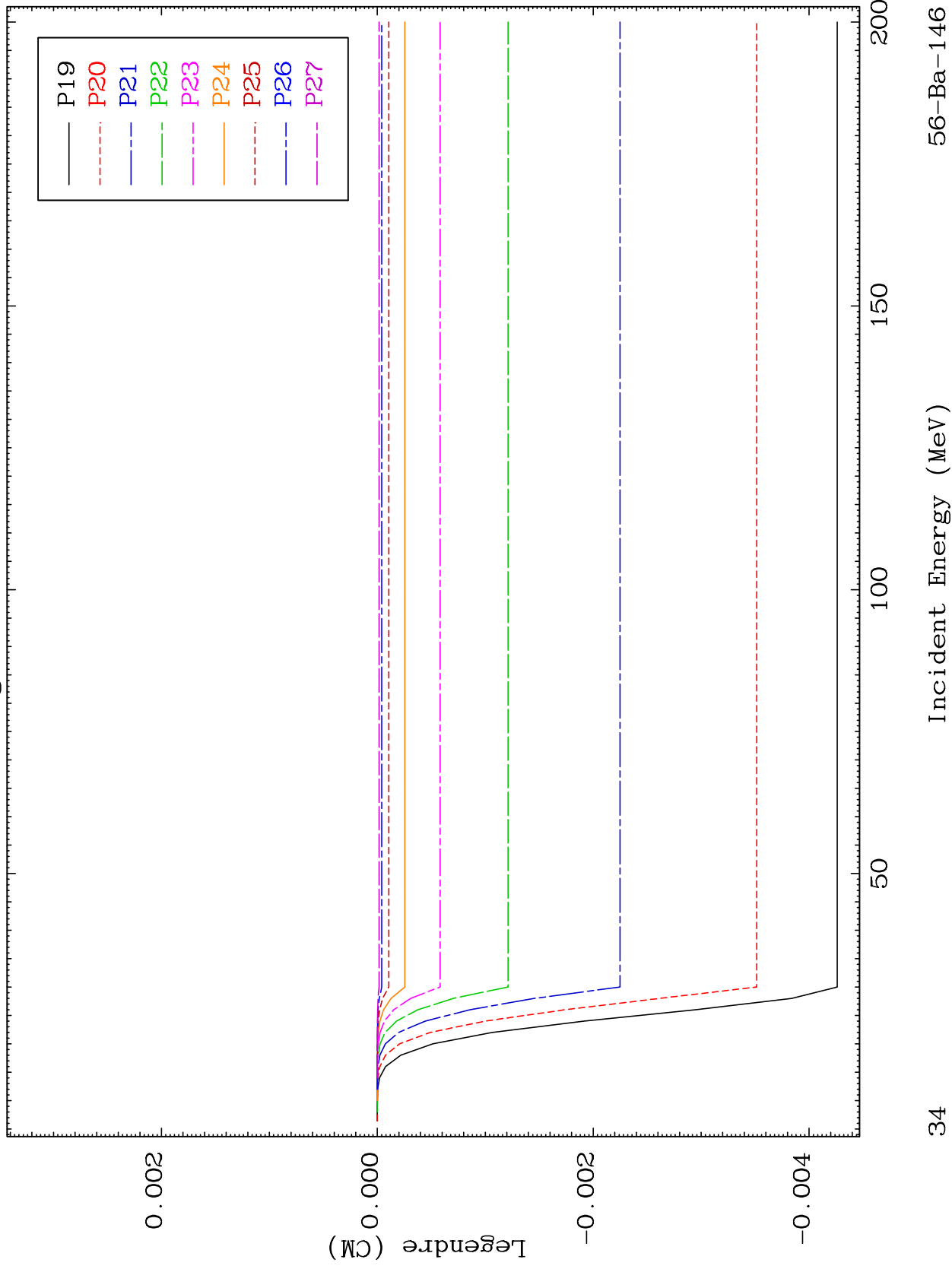
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



34

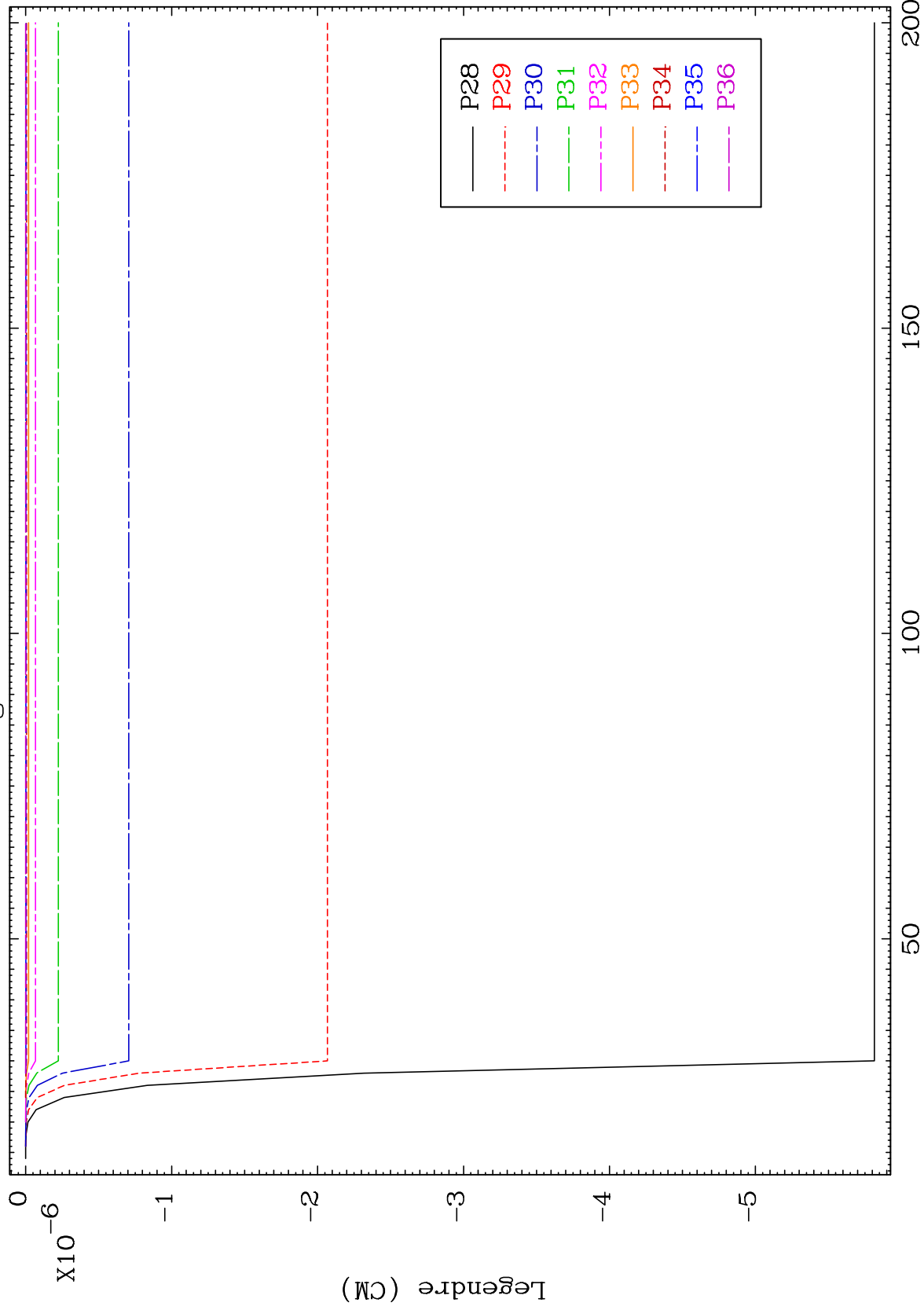
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



35

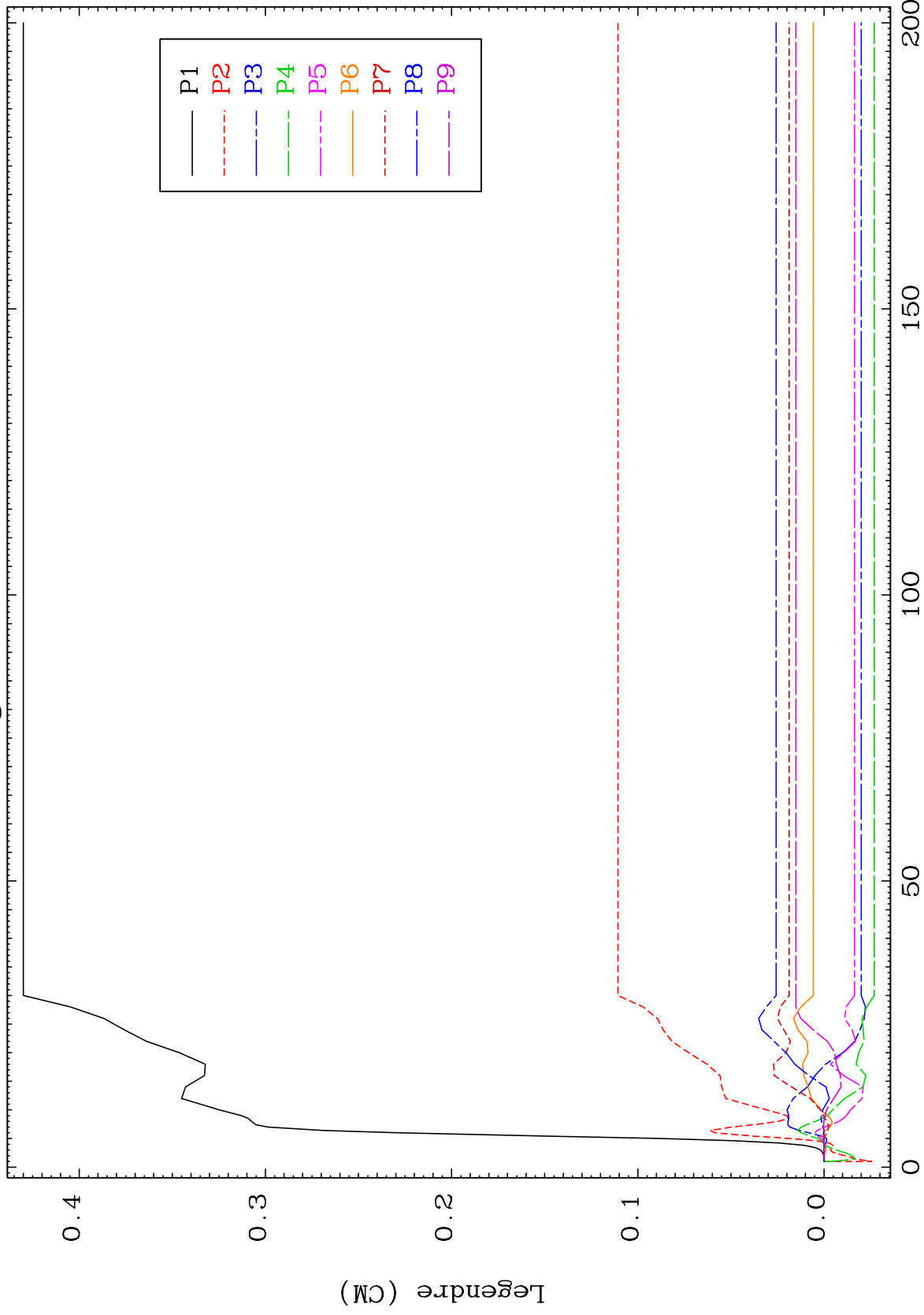
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



36

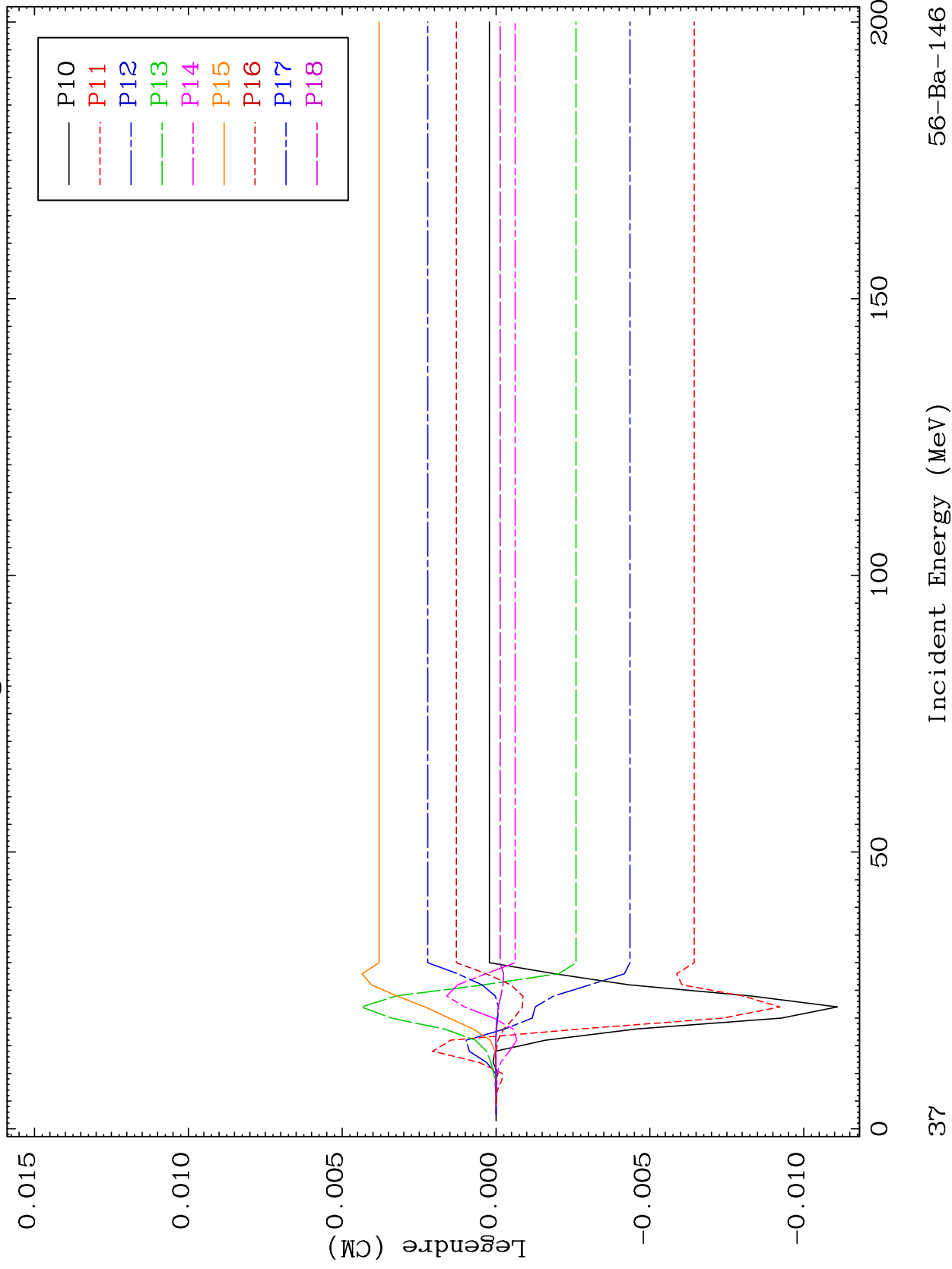
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

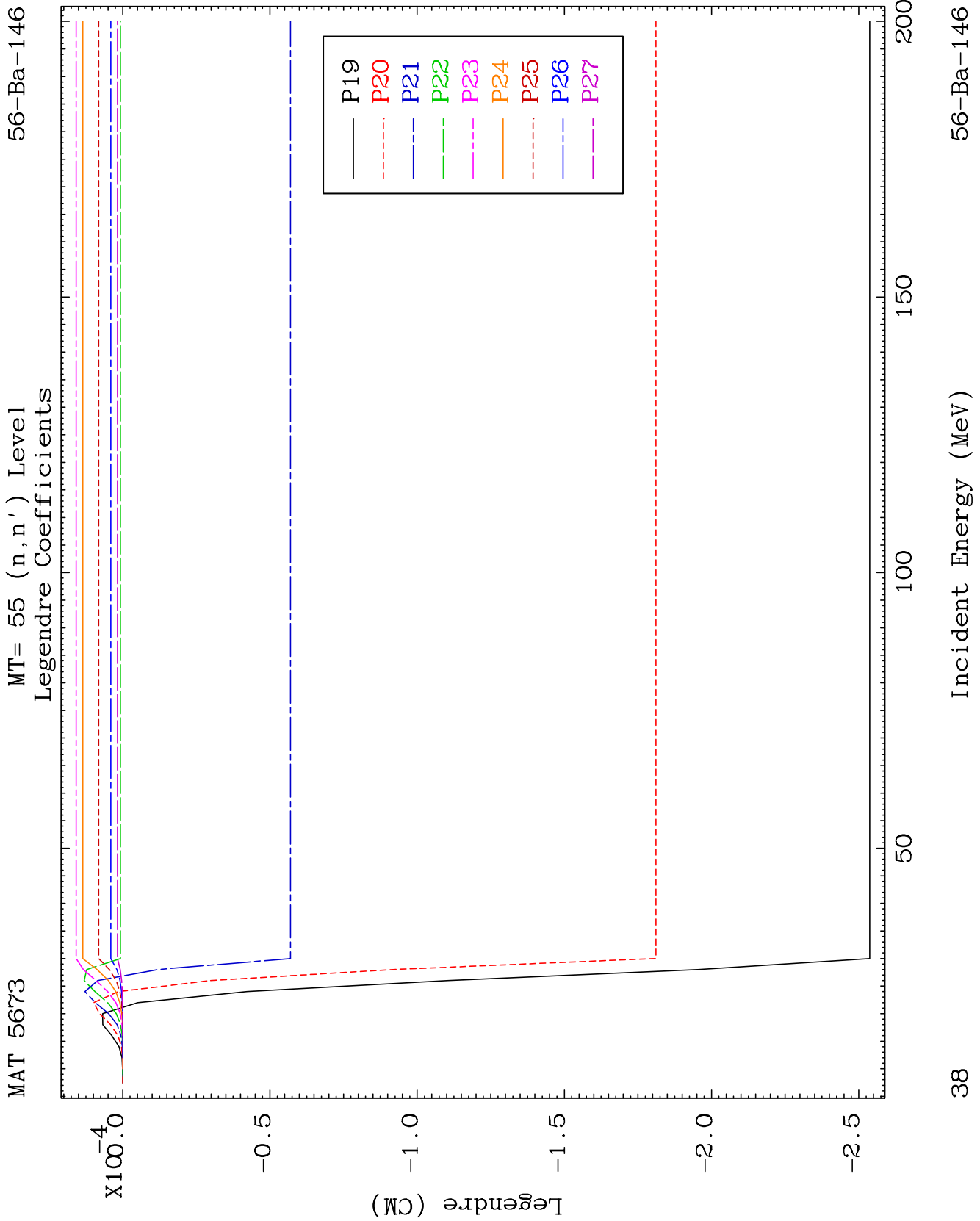
56-Ba-146



56-Ba-146

Incident Energy (MeV)

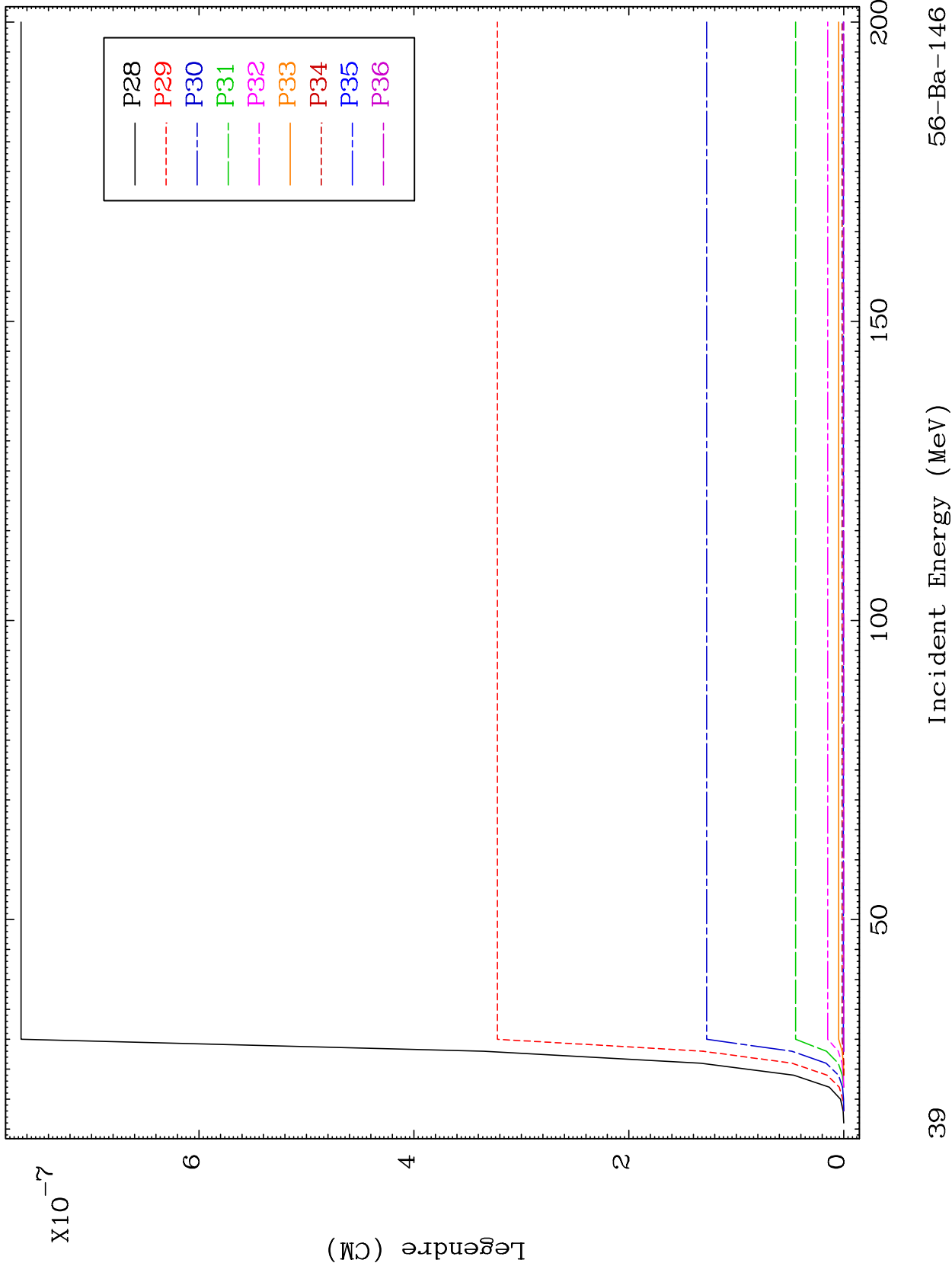
37



MAT 5673

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

56-Ba-146

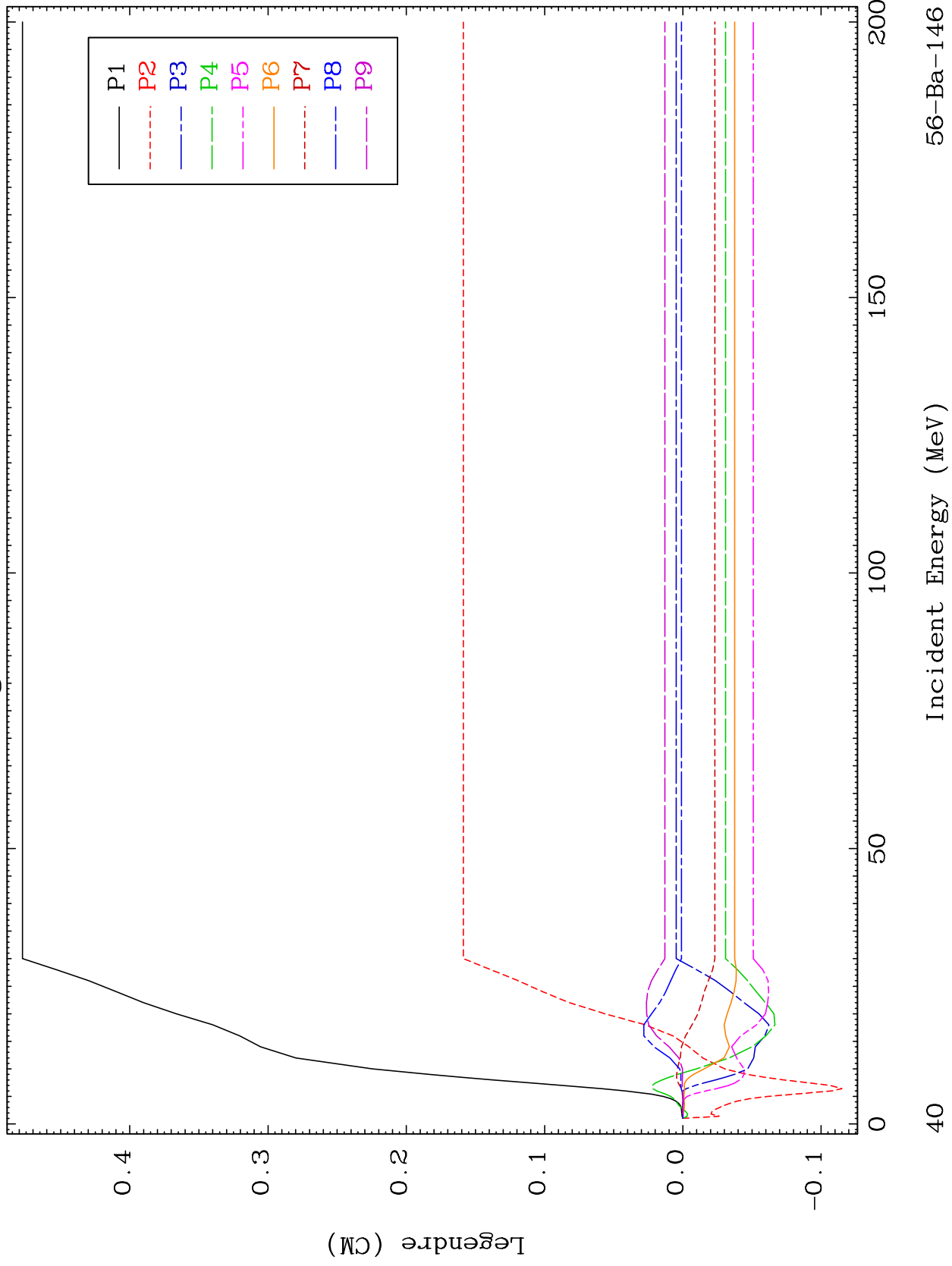




MAT 5673

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

56-Ba-146



56-Ba-146

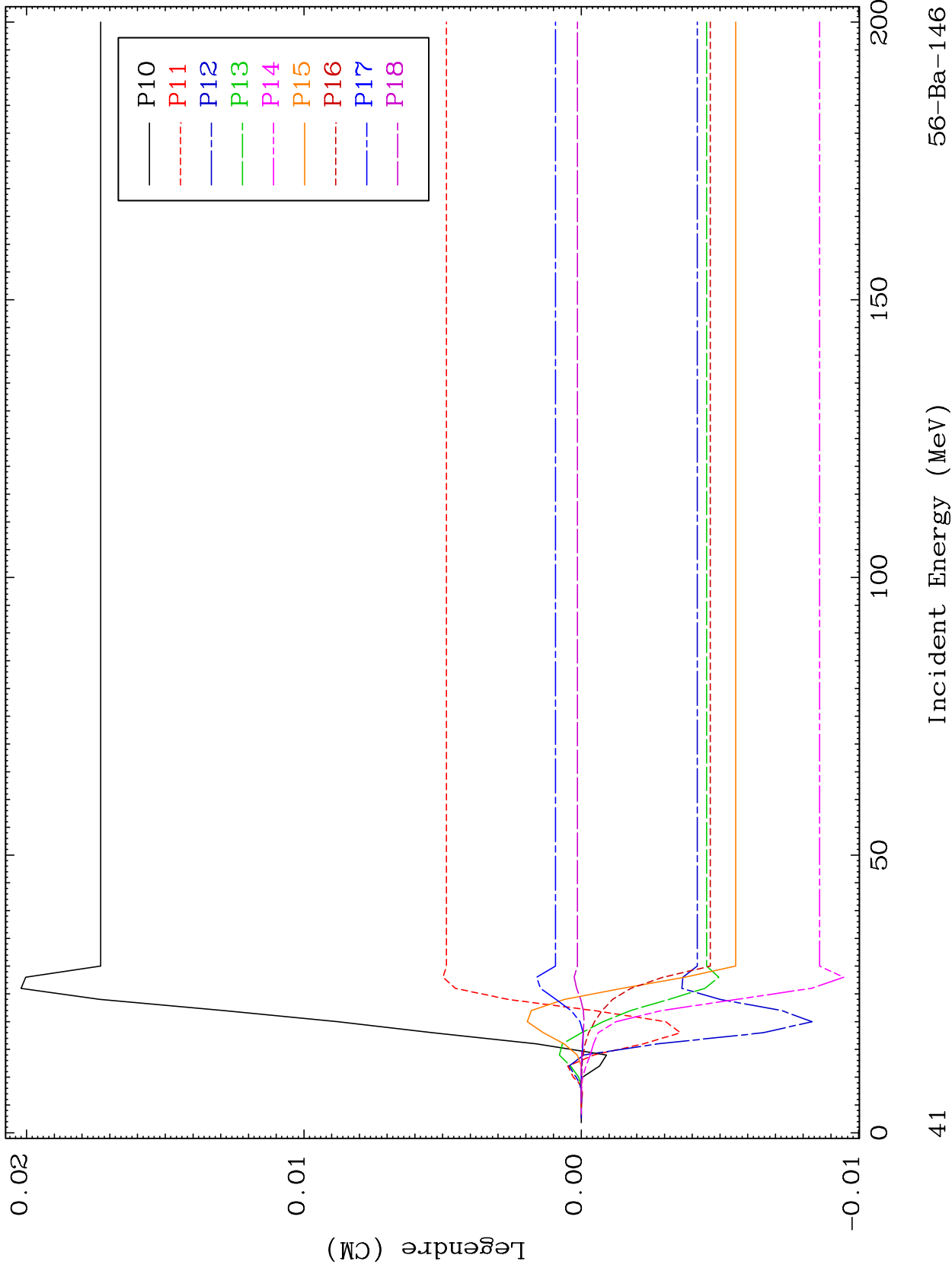
Incident Energy (MeV)

40

MAT 5673

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

56-Ba-146



41

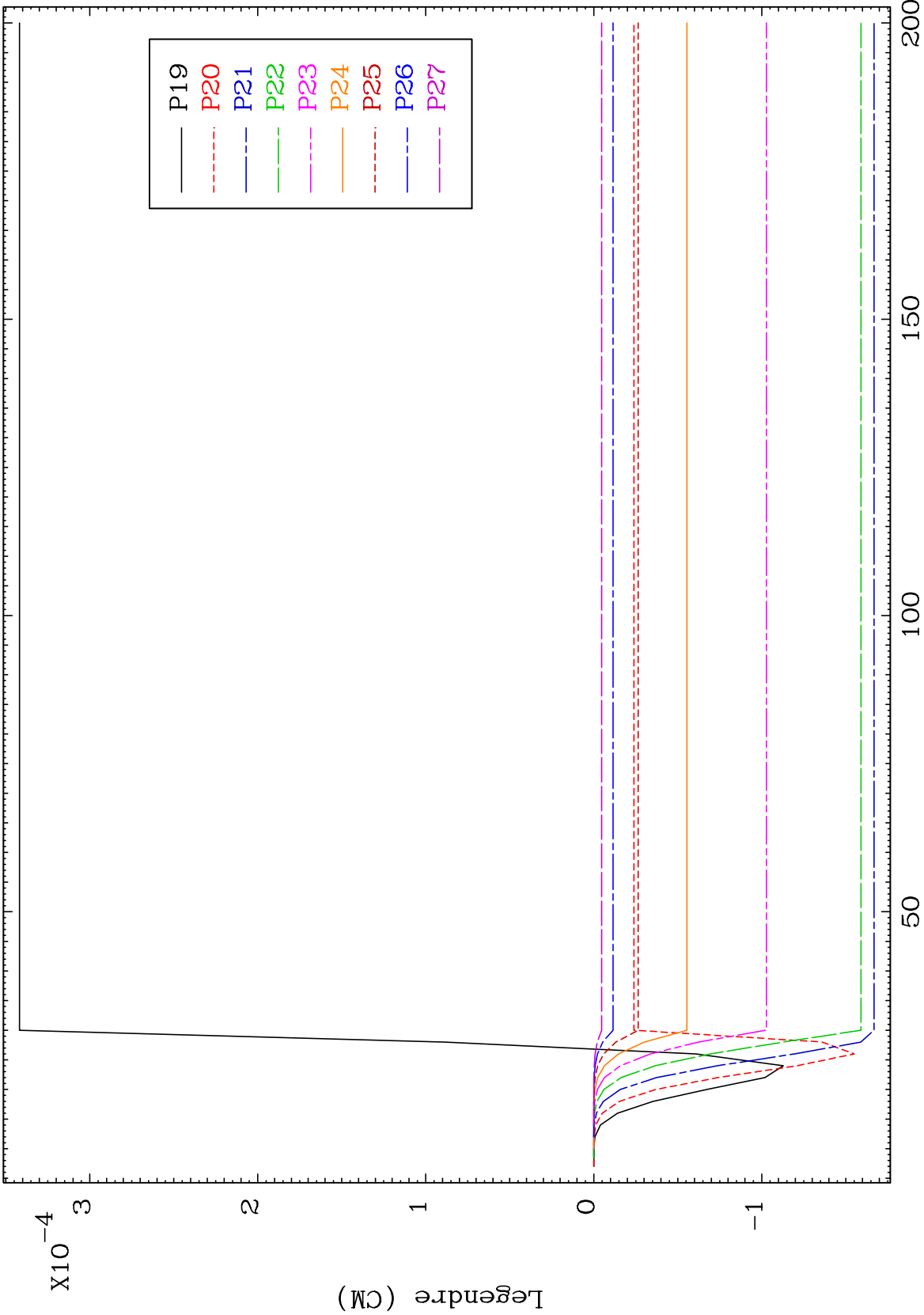
Incident Energy (MeV)

56-Ba-146

MAT 5673

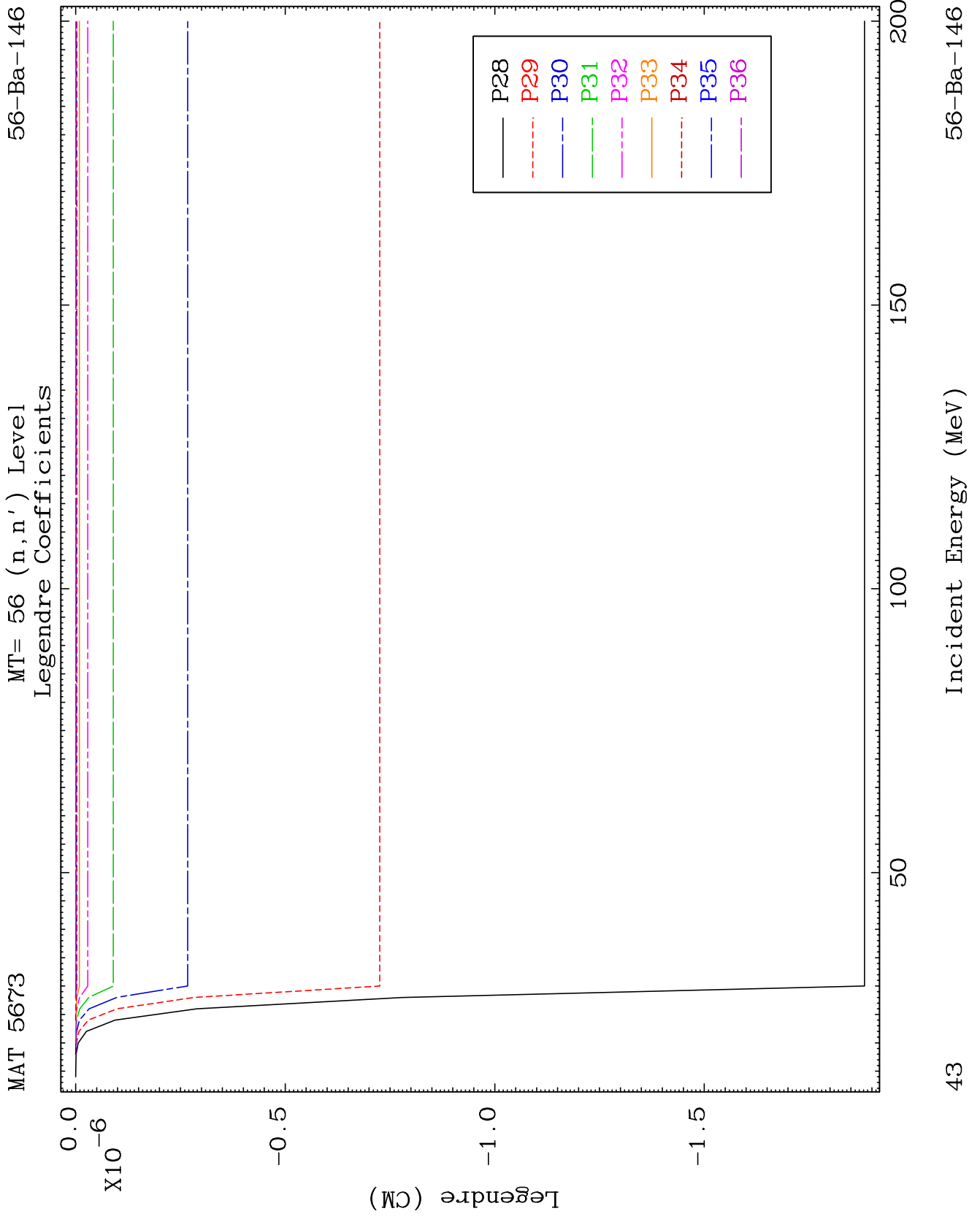
MT= 56 (n,n') Level  
Legendre Coefficients

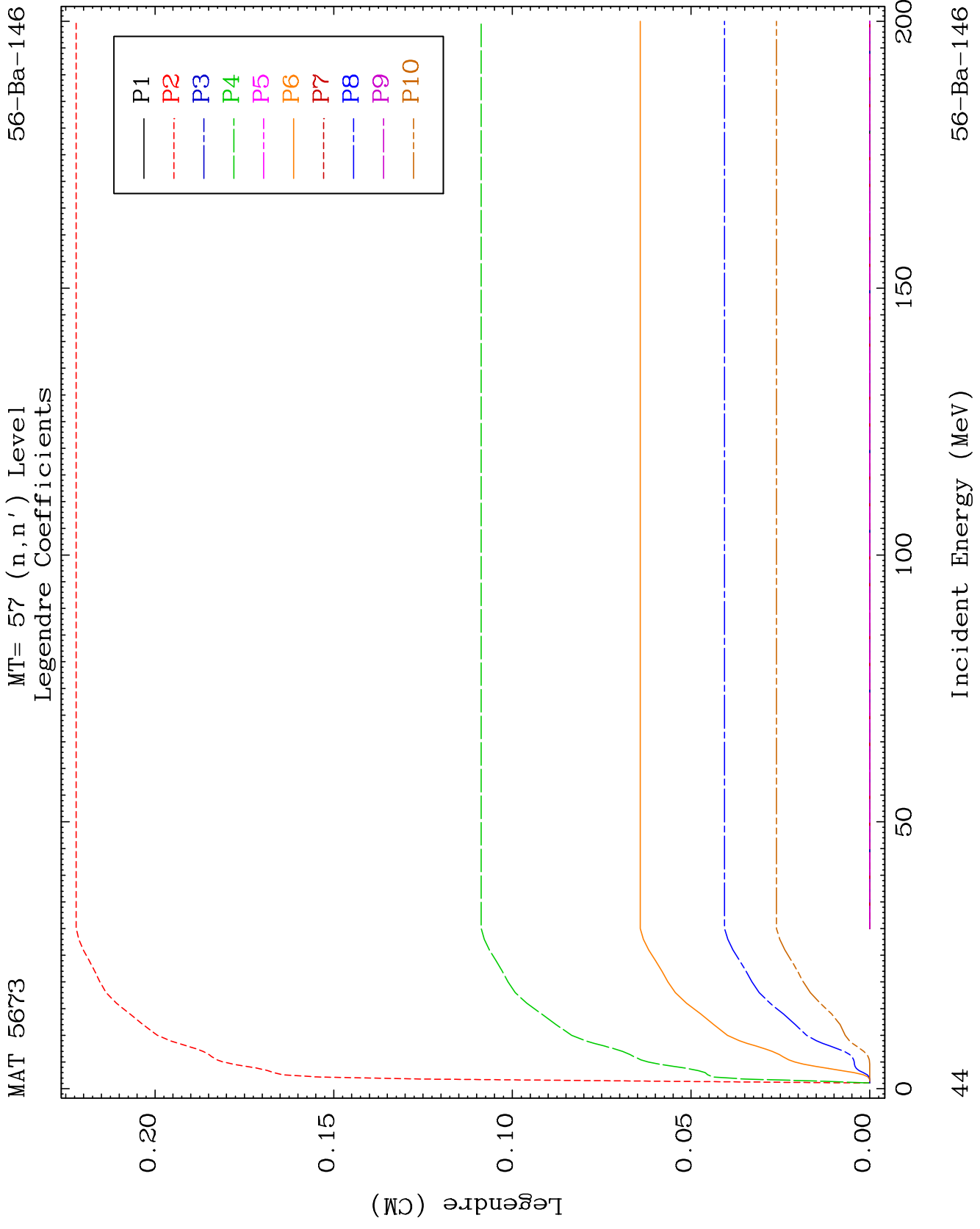
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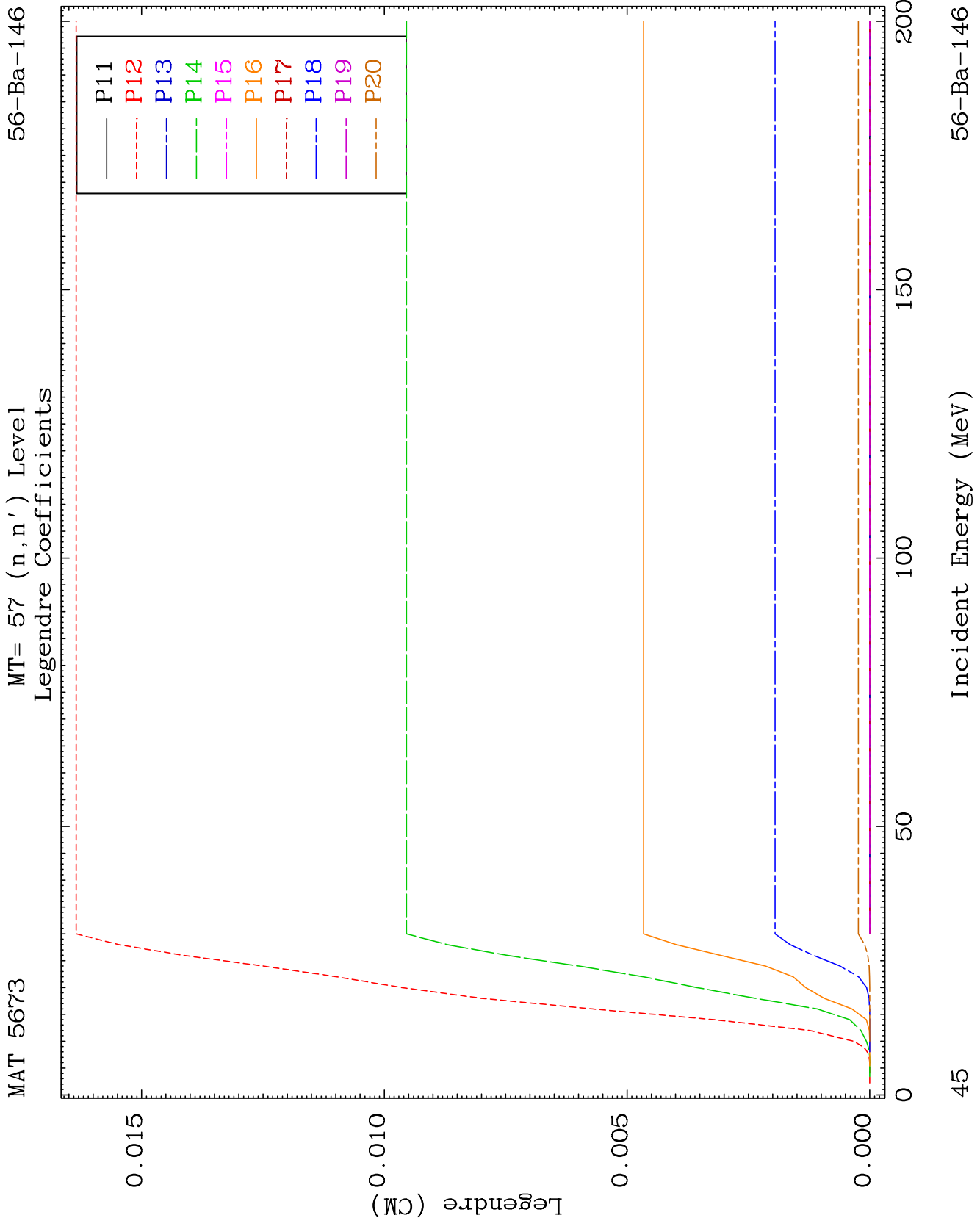


42

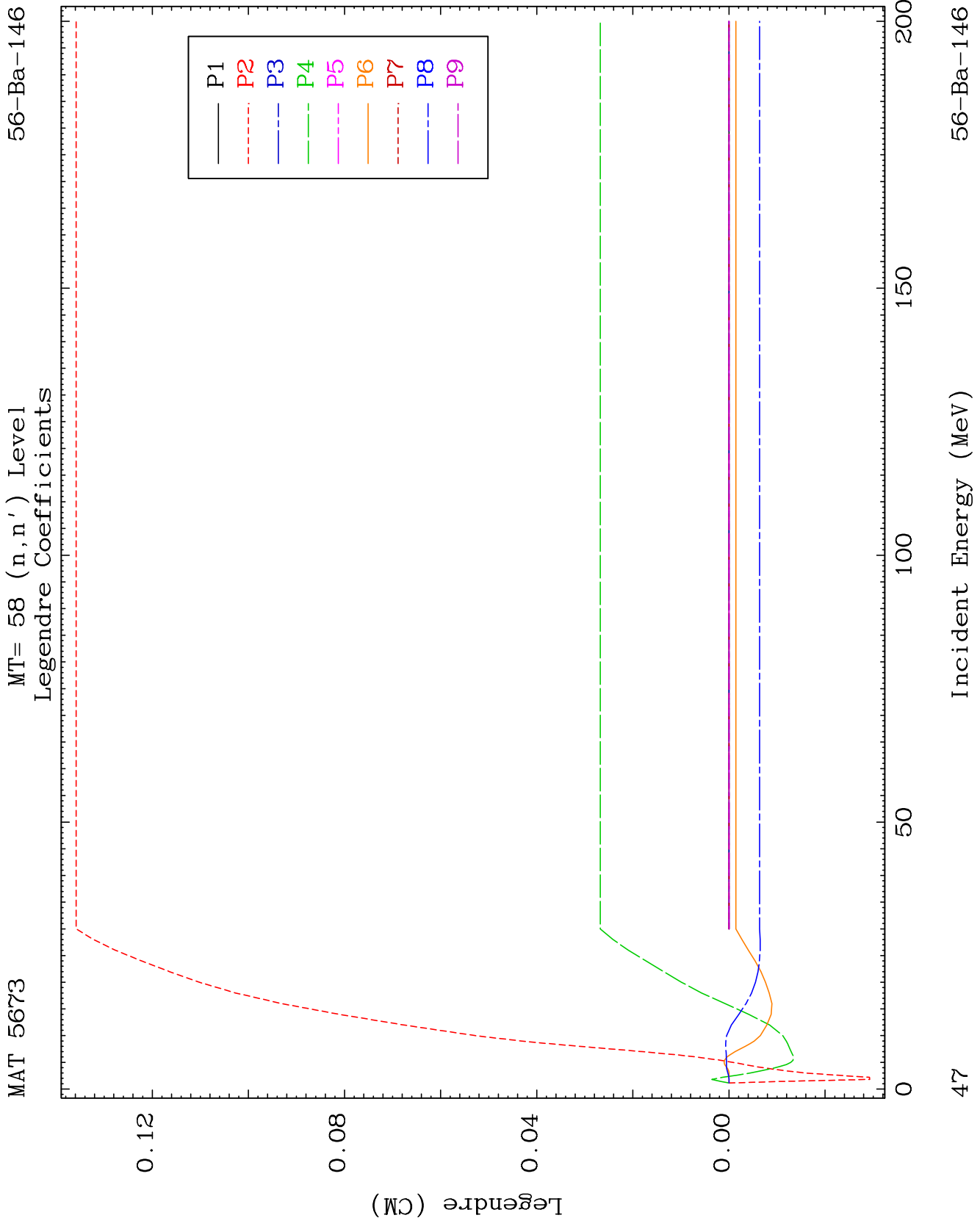
56-Ba-146









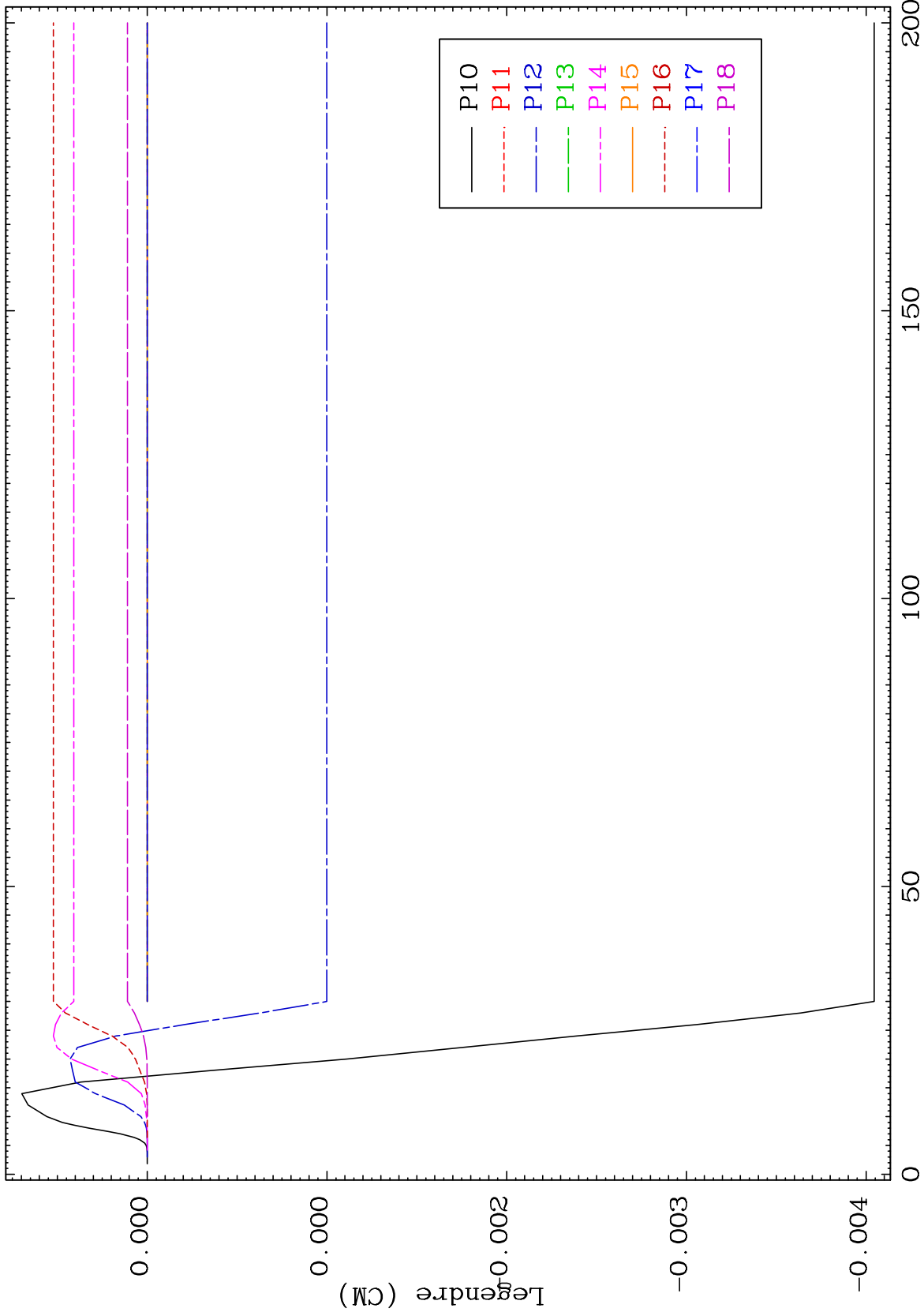




MAT 5673

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

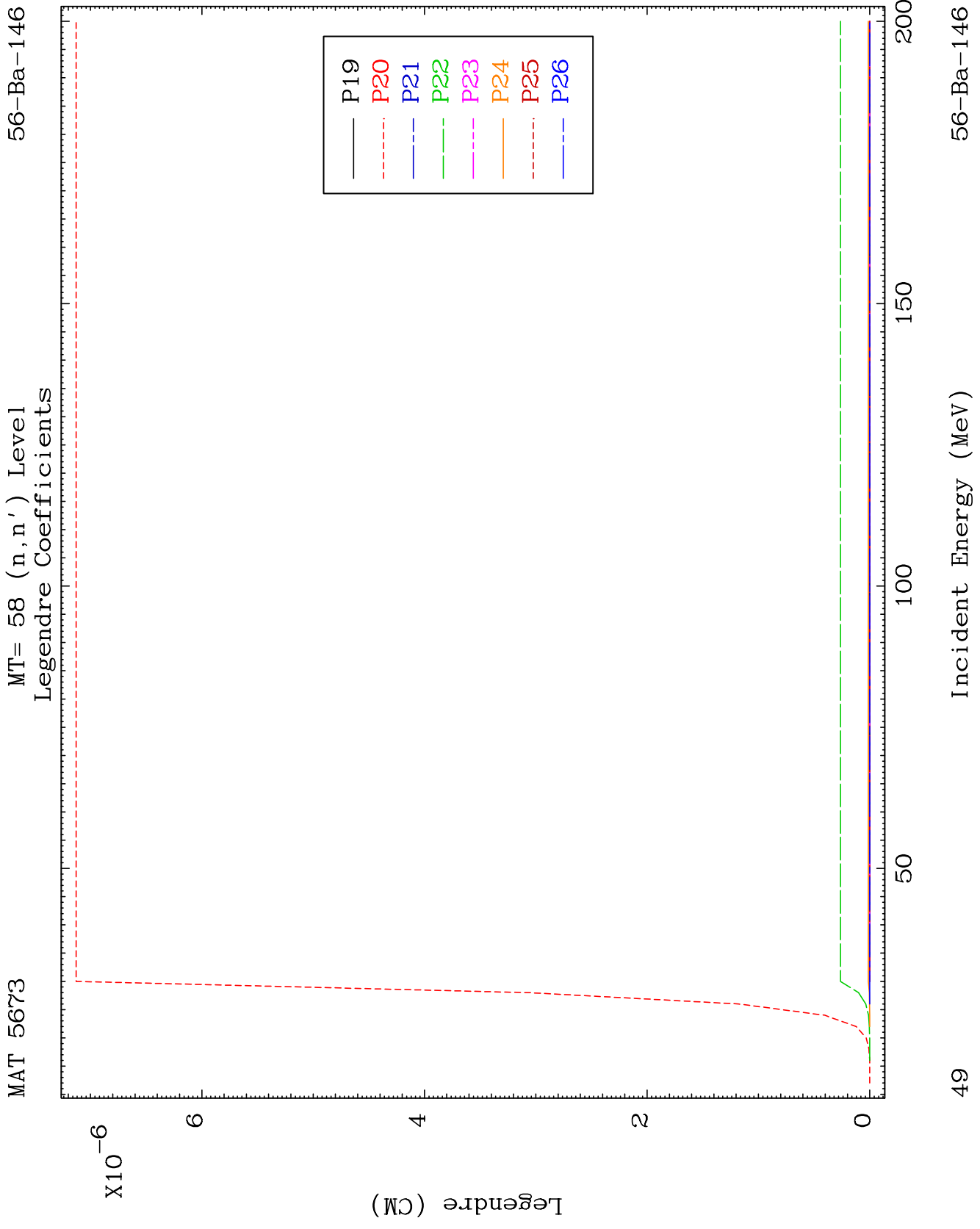
56-Ba-146



48

Incident Energy (MeV)

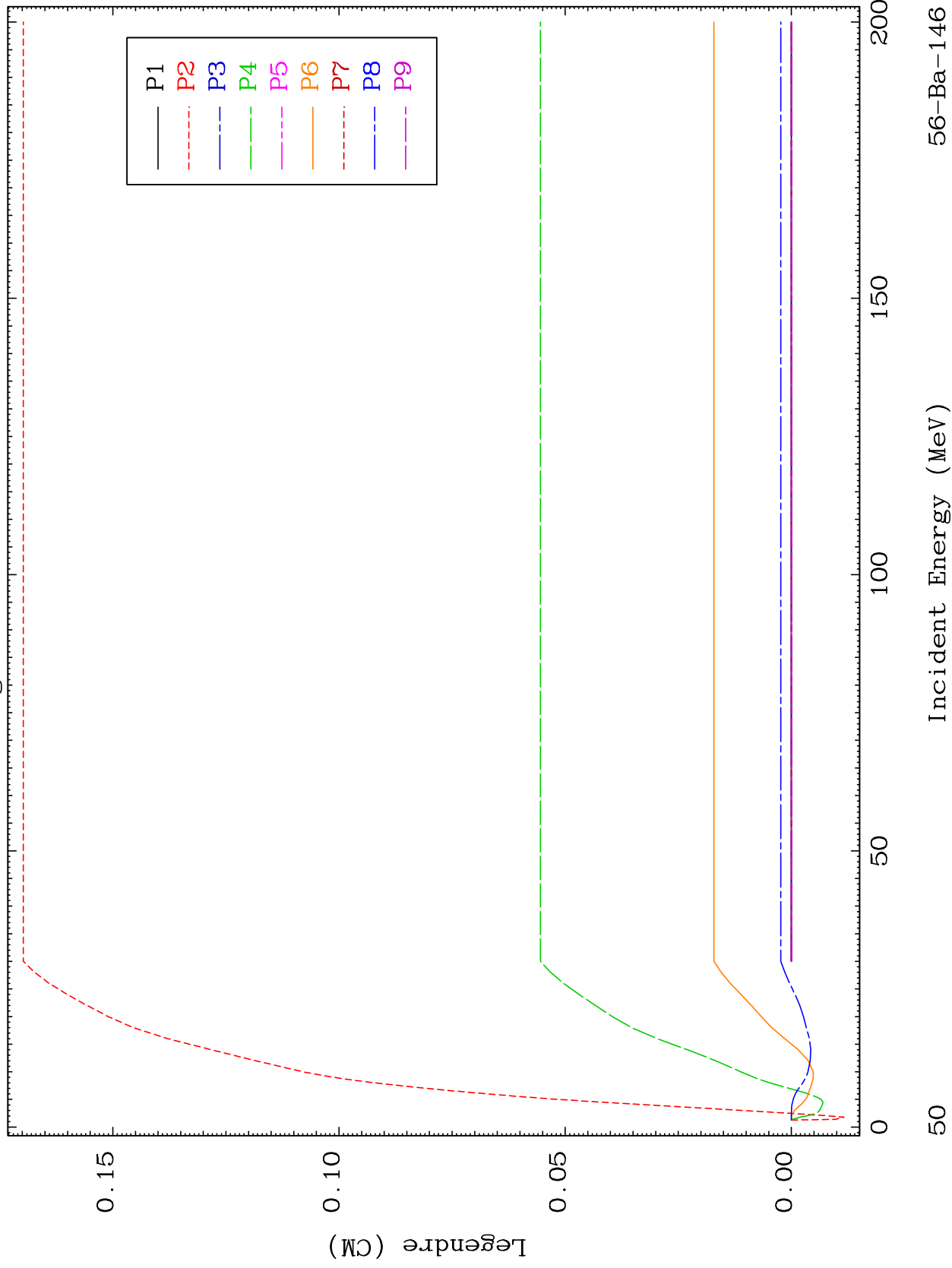
56-Ba-146



MAT 5673

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

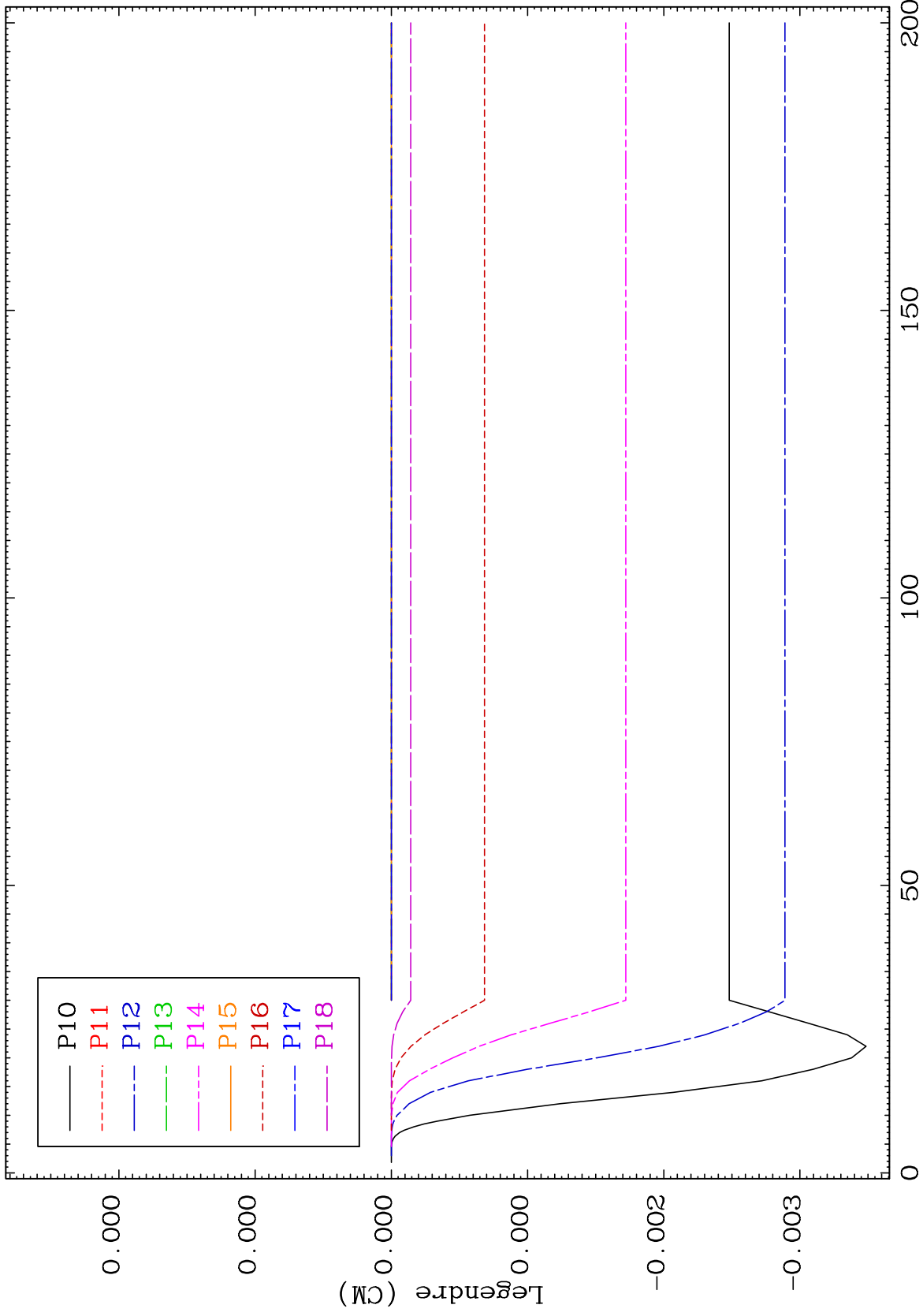
56-Ba-146



MAT 5673

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

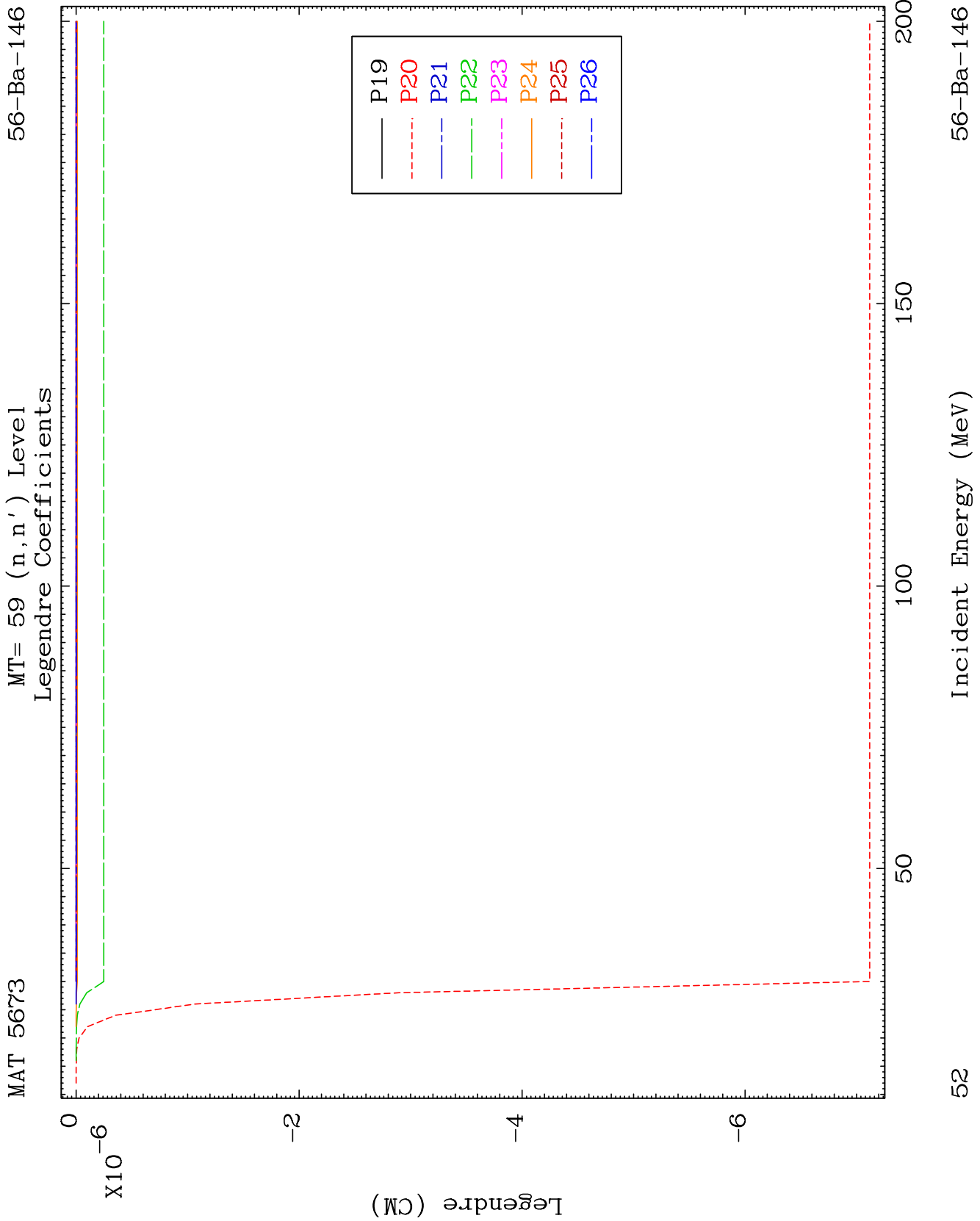
56-Ba-146



51

Incident Energy (MeV)

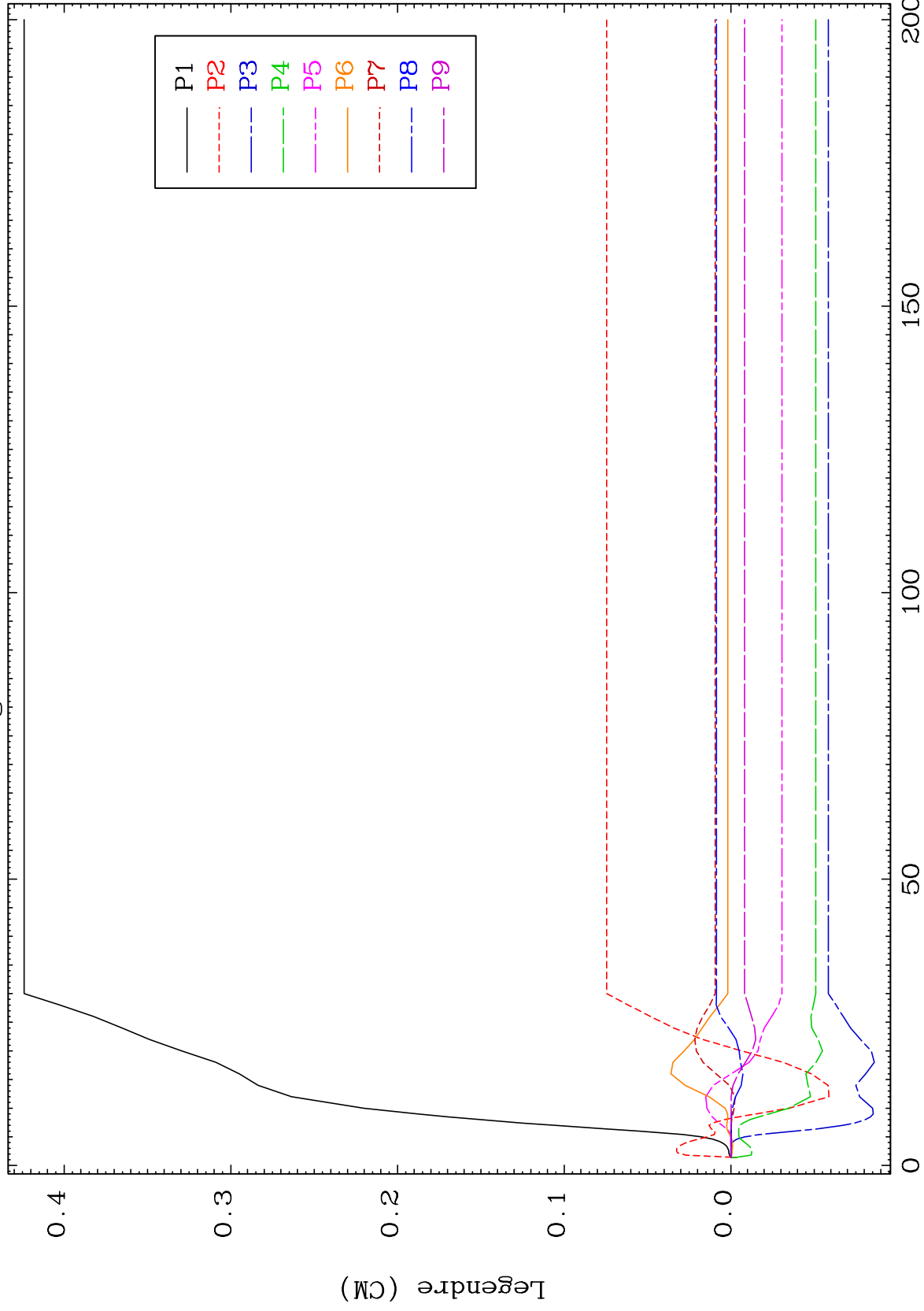
56-Ba-146



MAT 5673

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

56-Ba-146



53

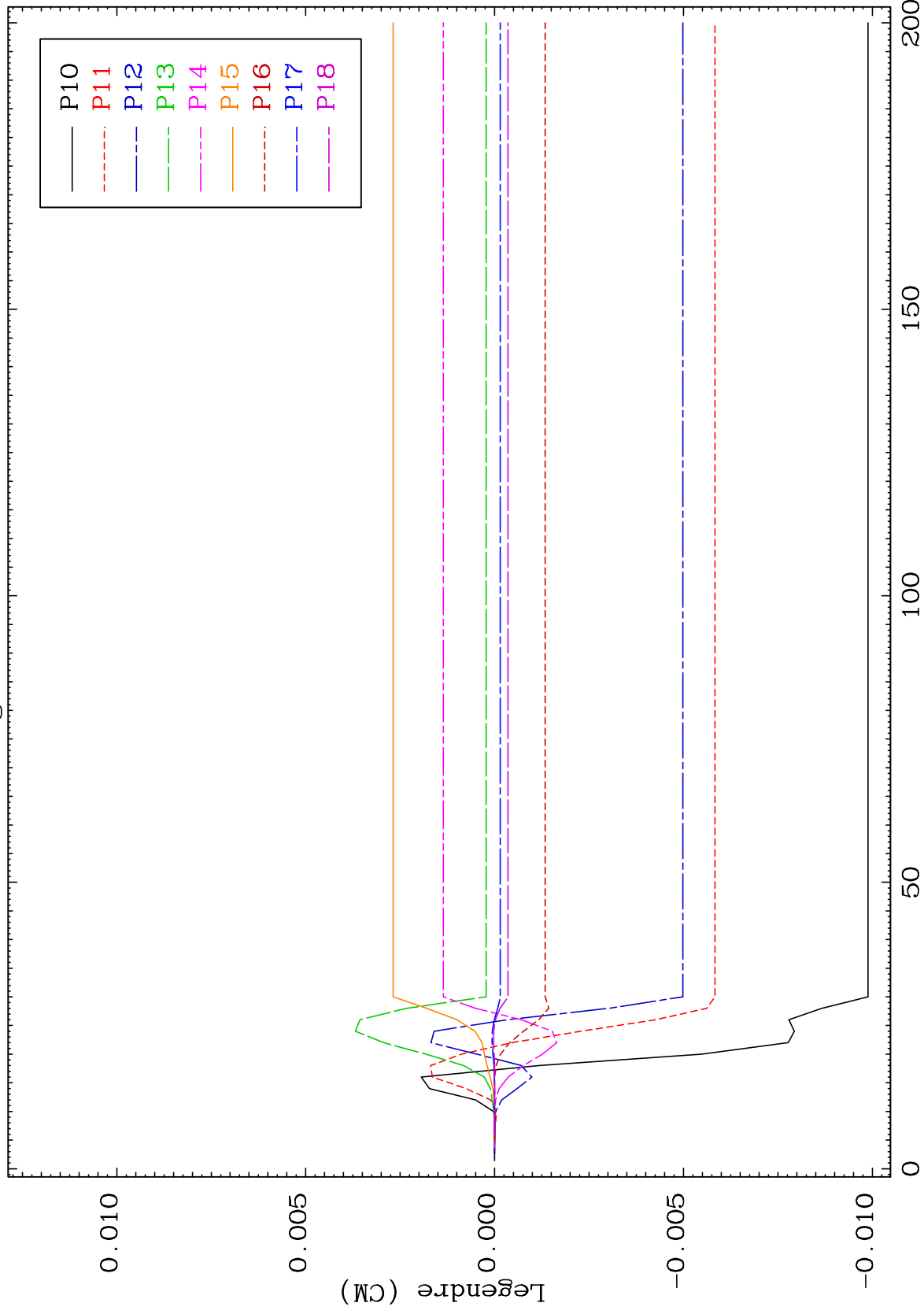
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



54

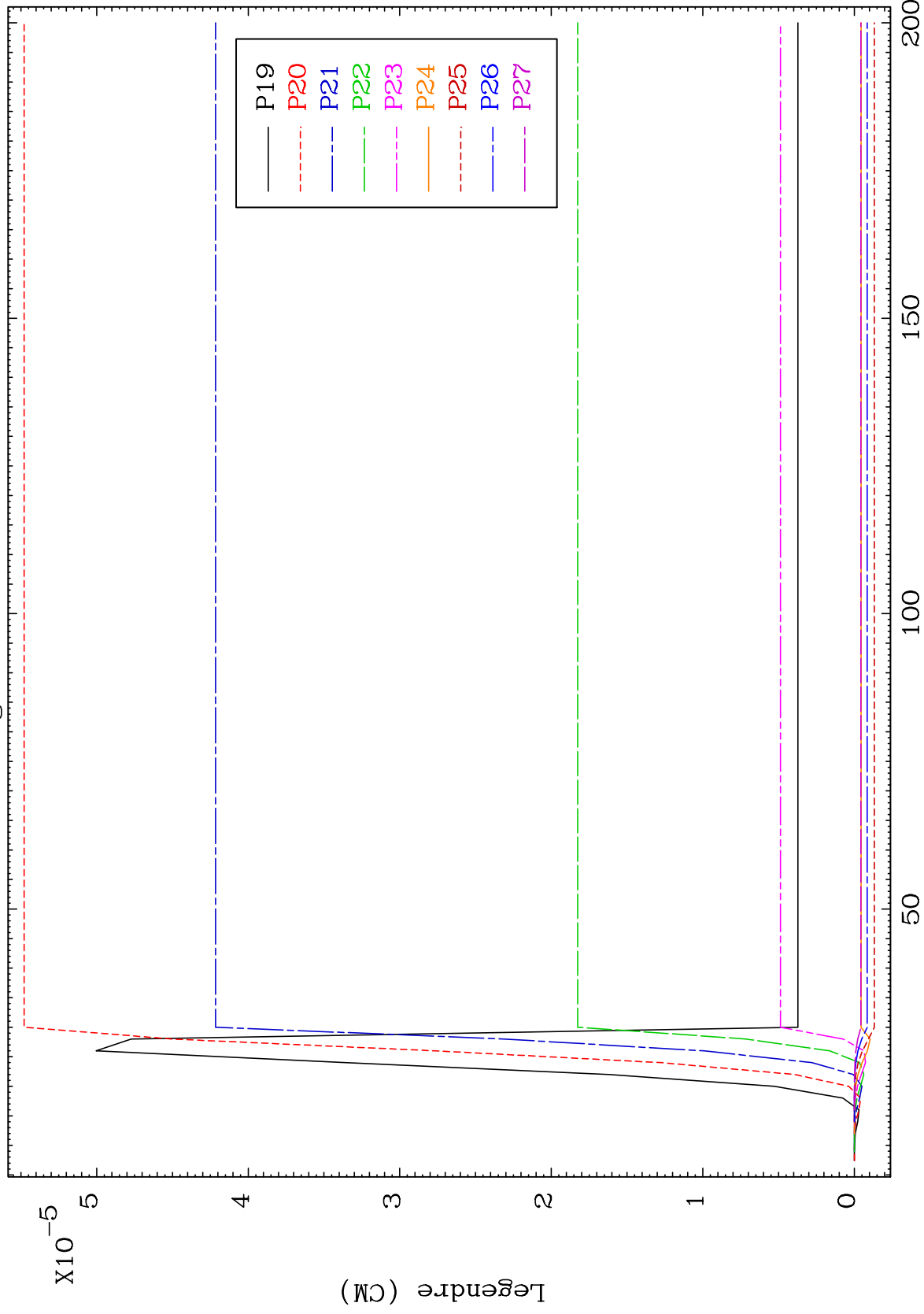
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146

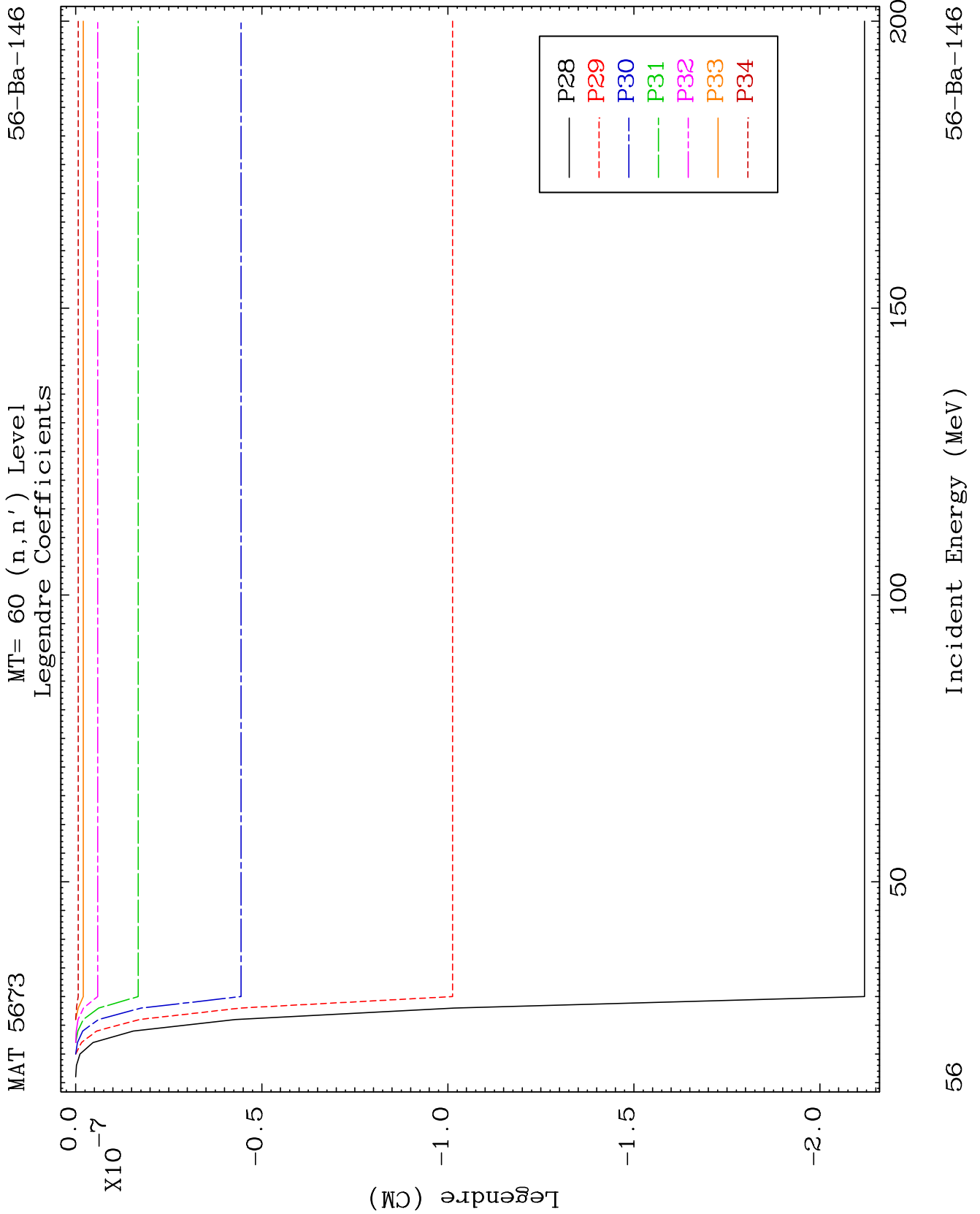


55

Incident Energy (MeV)

56-Ba-146

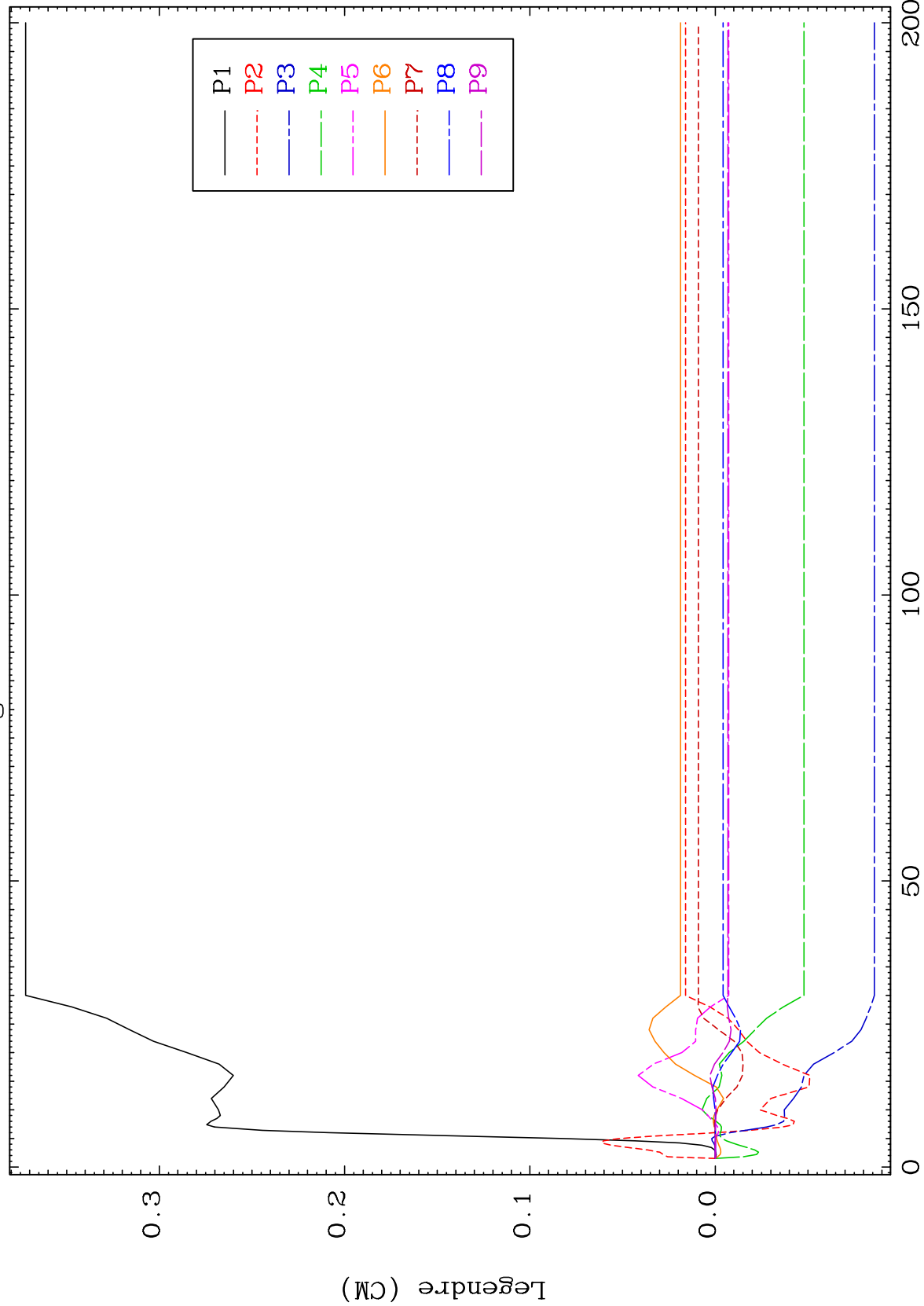




MAT 5673

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

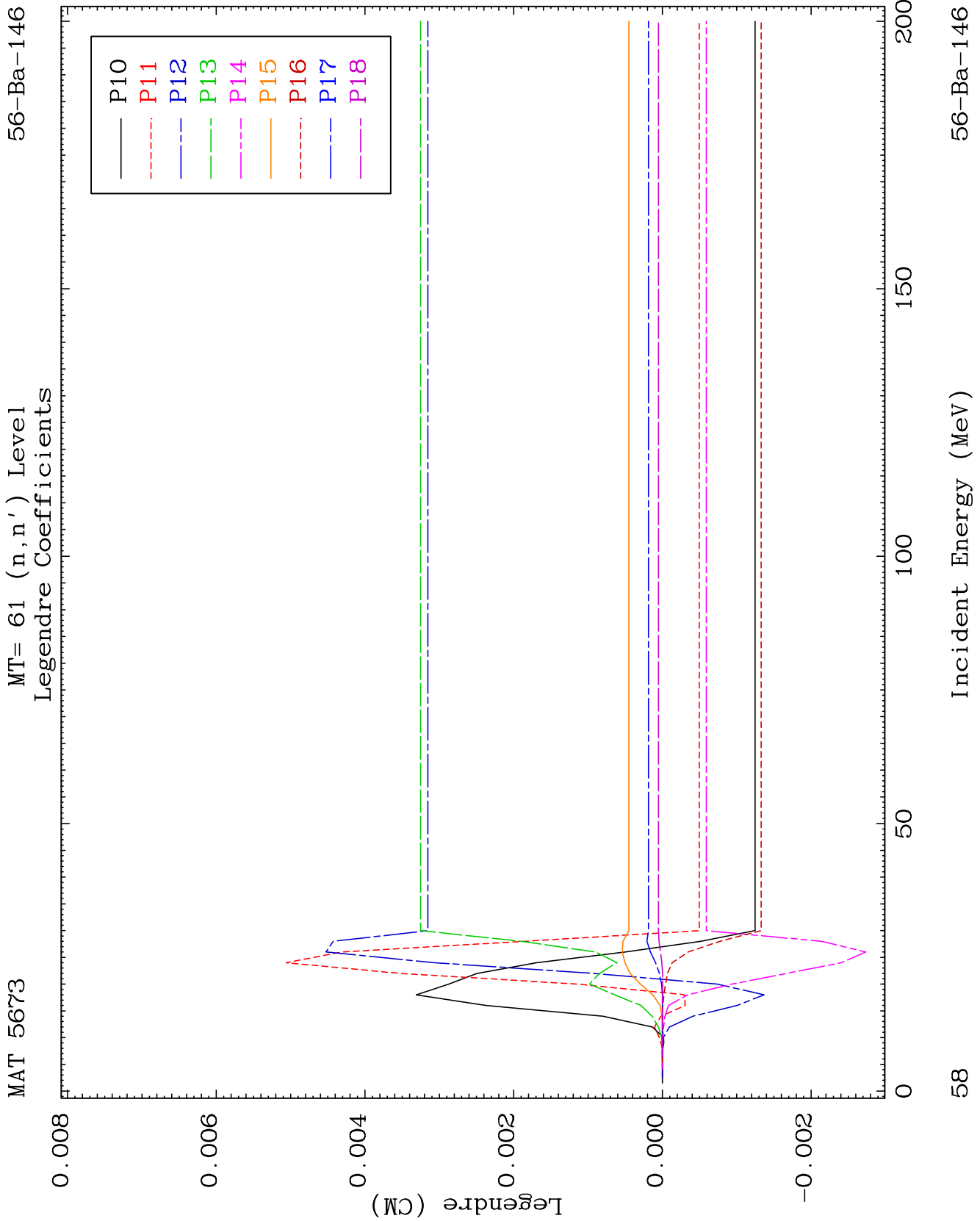
56-Ba-146



57

Incident Energy (MeV)

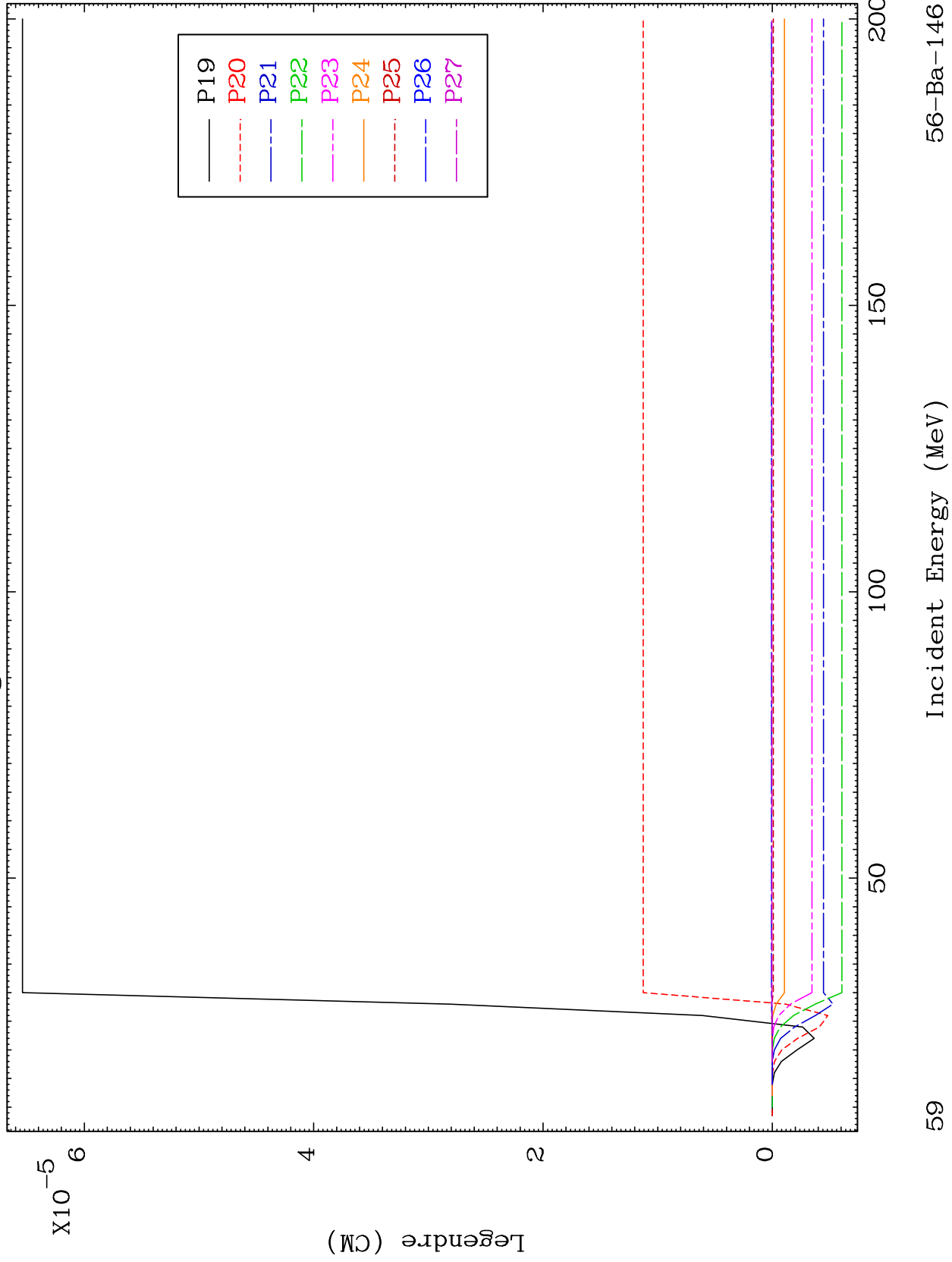
56-Ba-146



MAT 5673

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

56-Ba-146



59

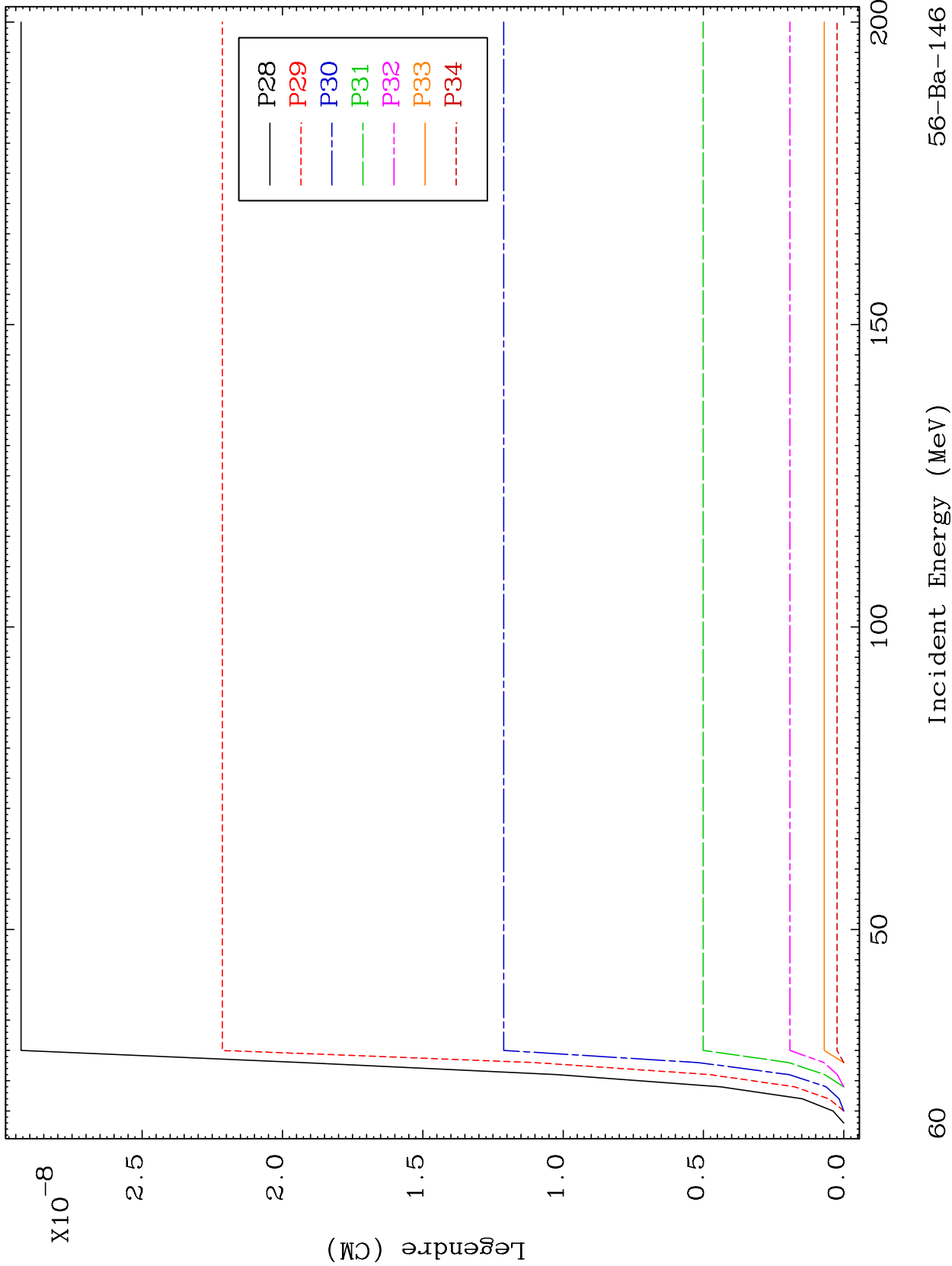
Incident Energy (MeV)

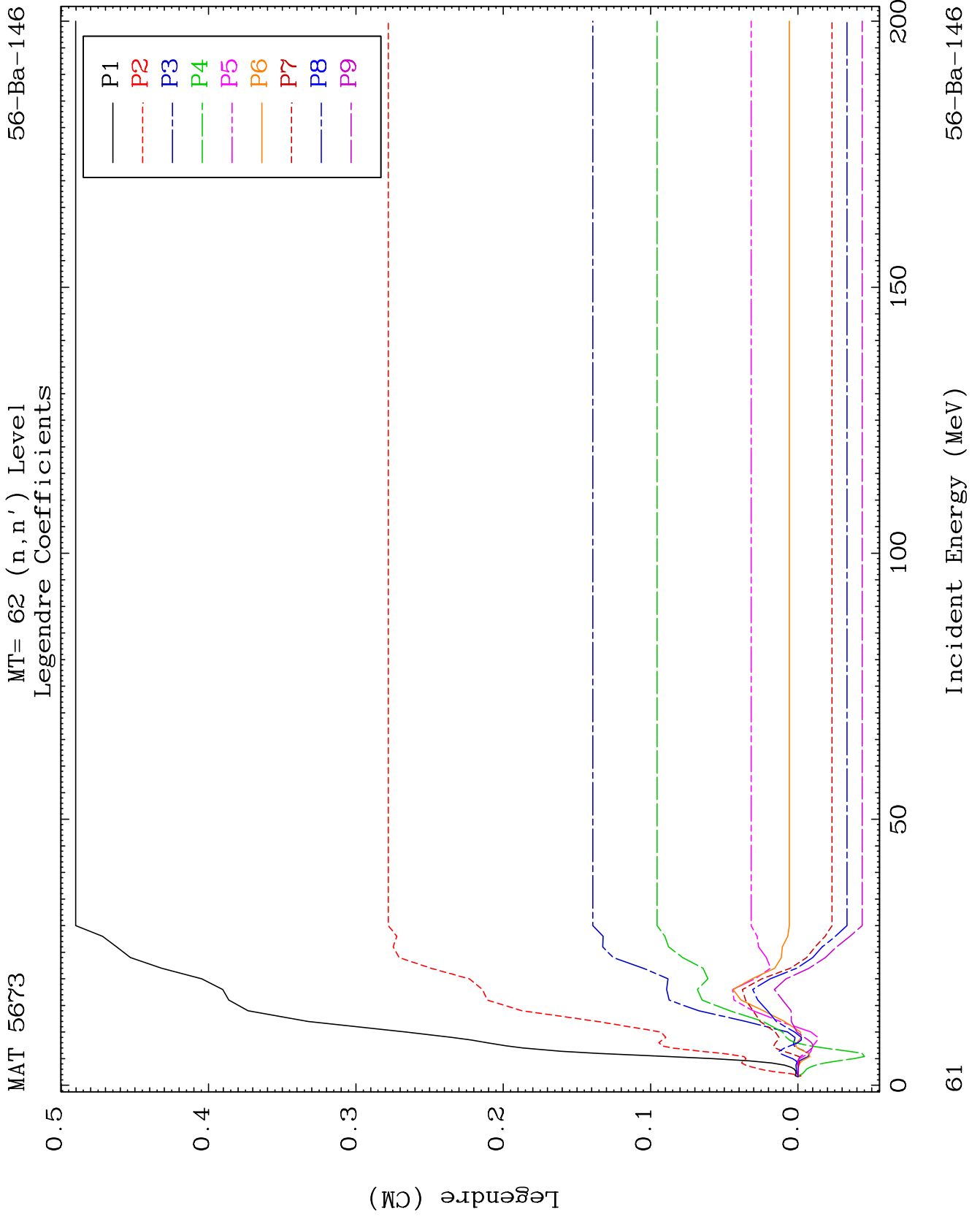
56-Ba-146

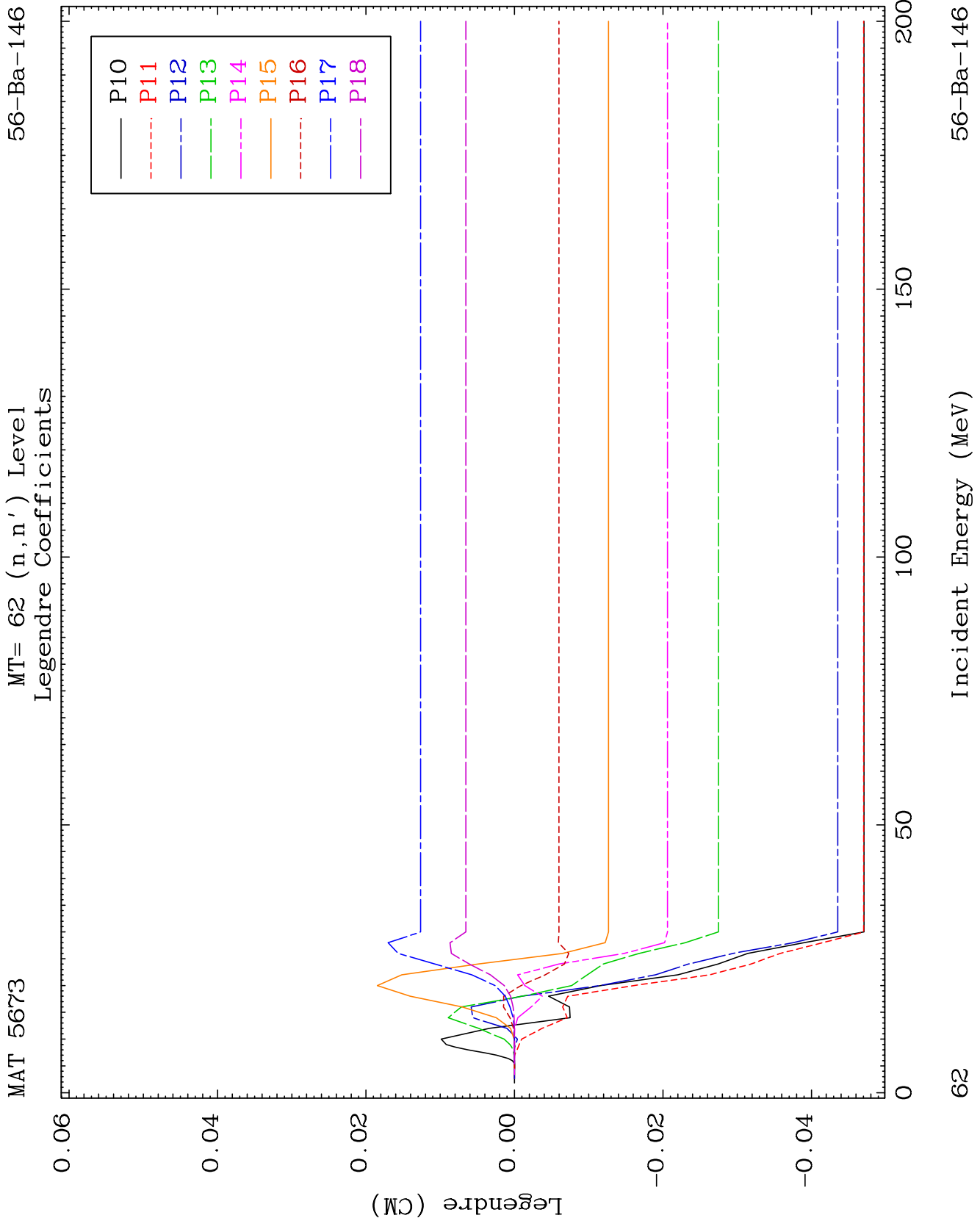
MAT 5673

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

56-Ba-146



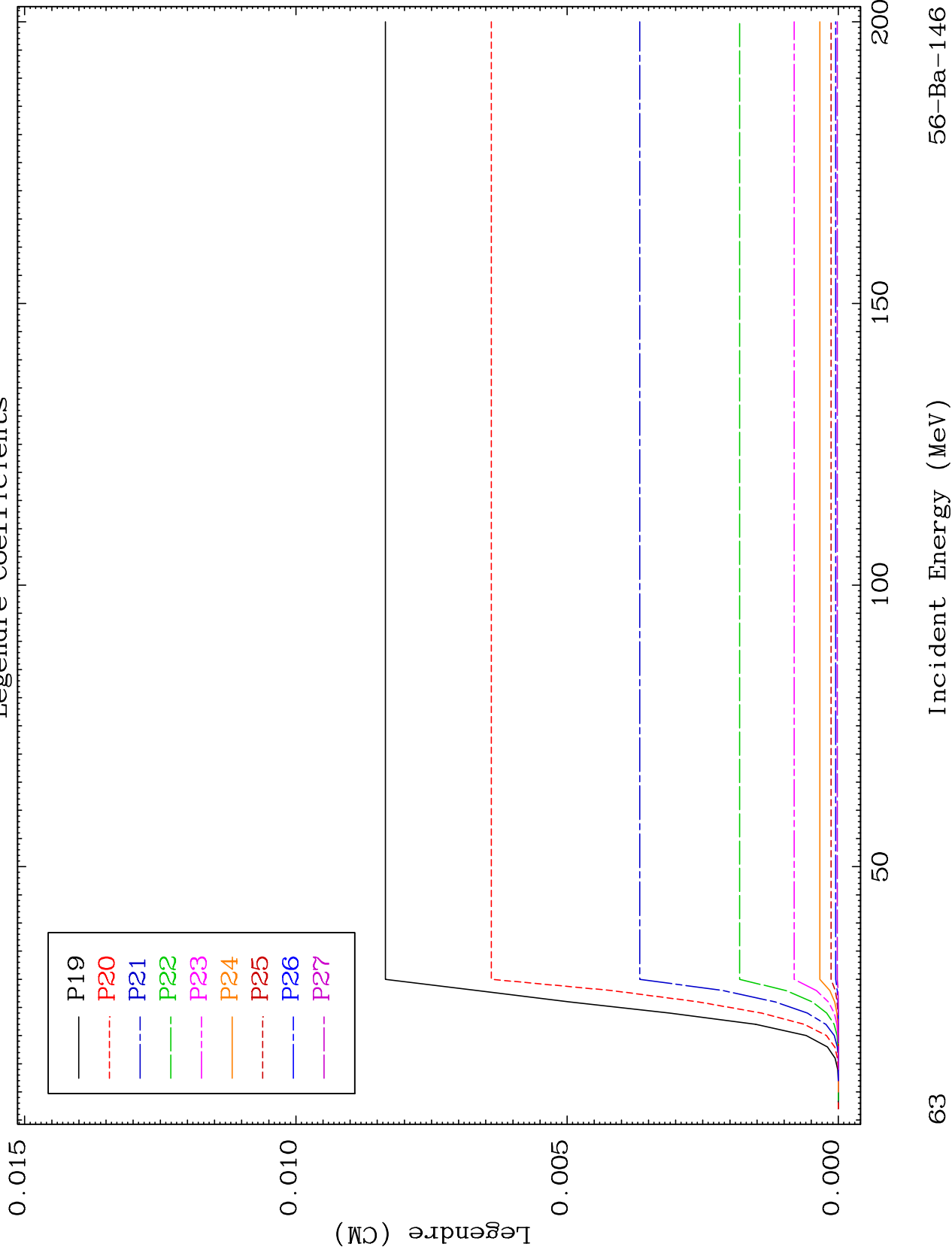




MAT 5673

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

56-Ba-146



63

Incident Energy (MeV)

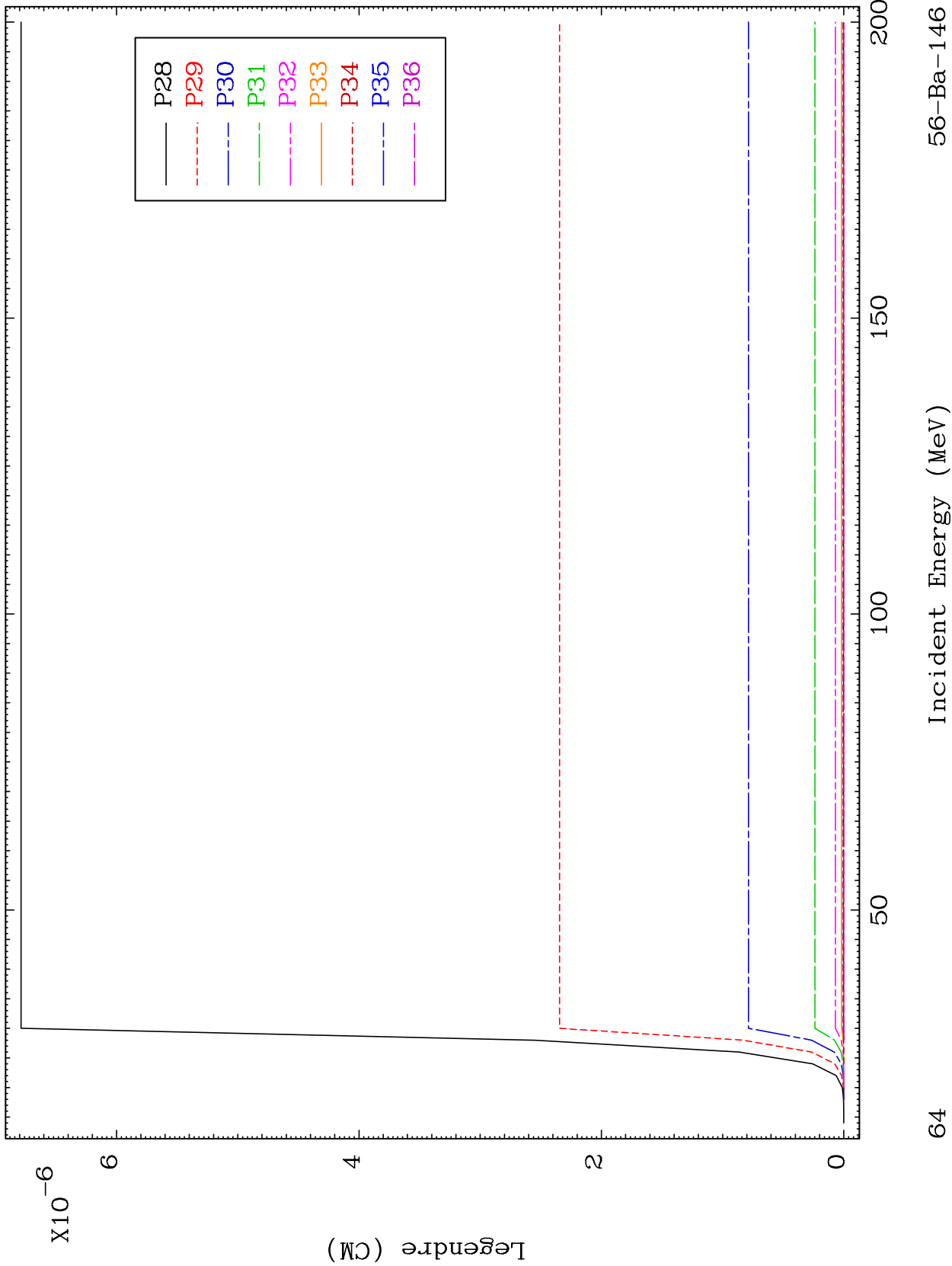
56-Ba-146

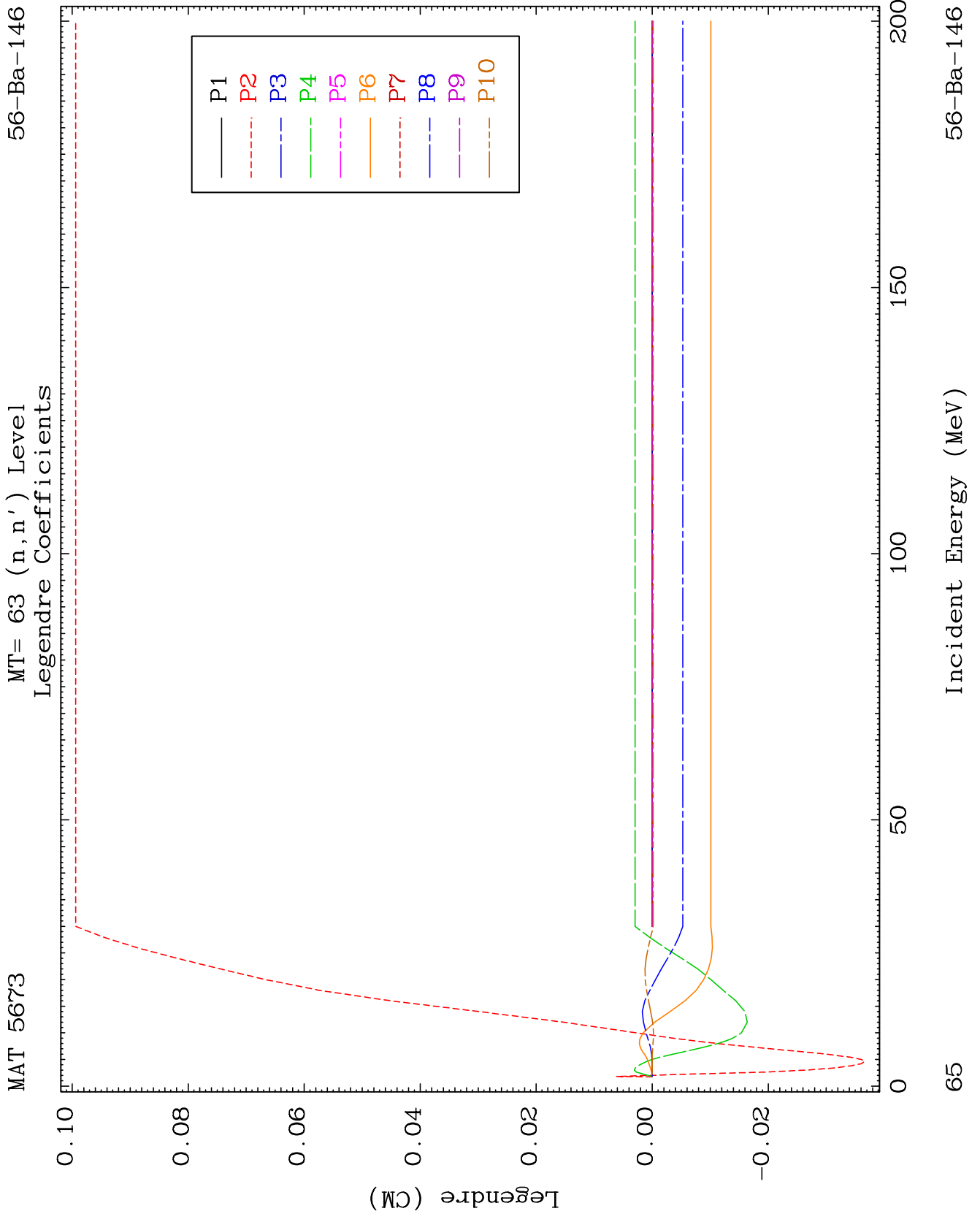


MAT 5673

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

56-Ba-146

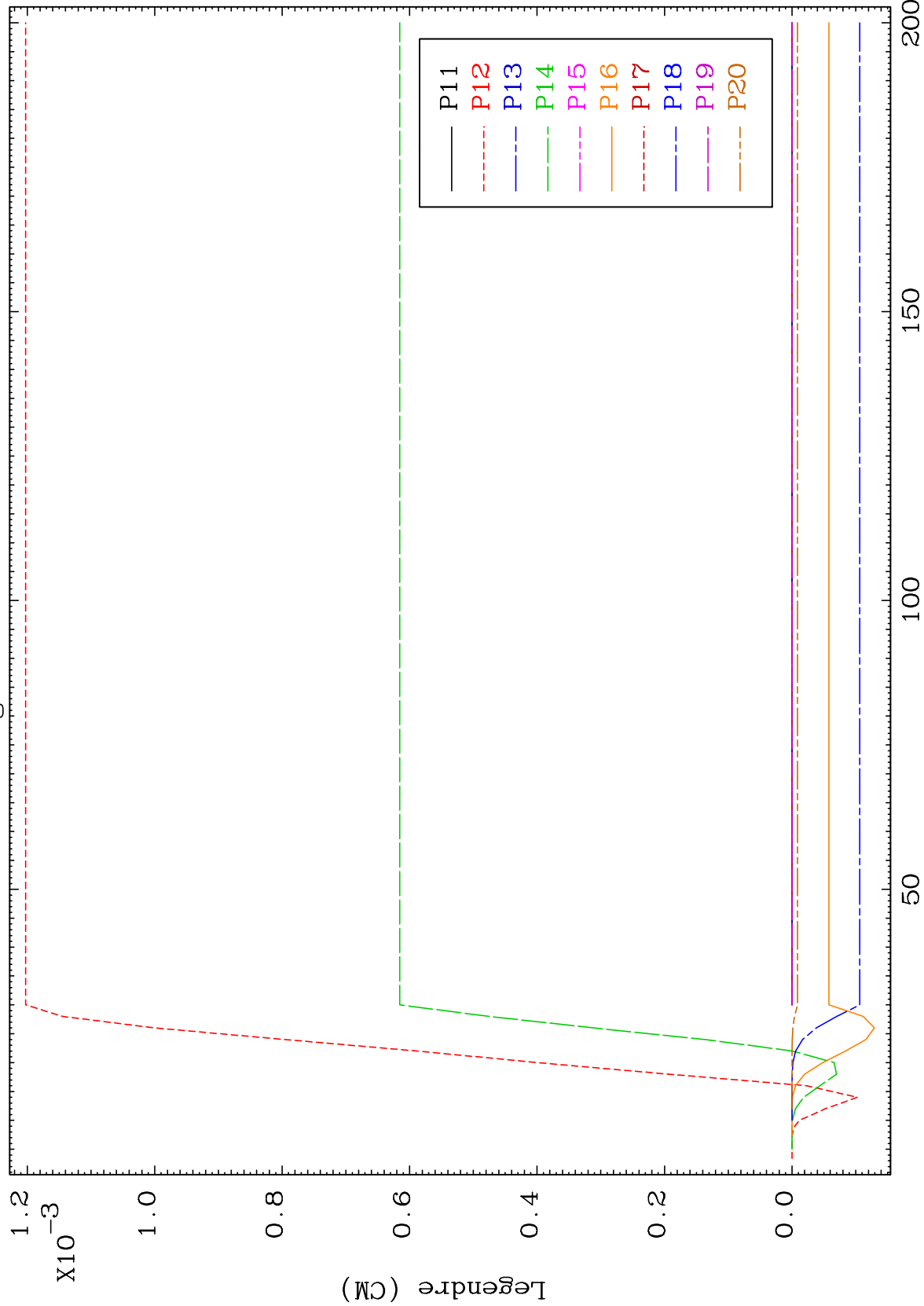




MAT 5673

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

56-Ba-146



66

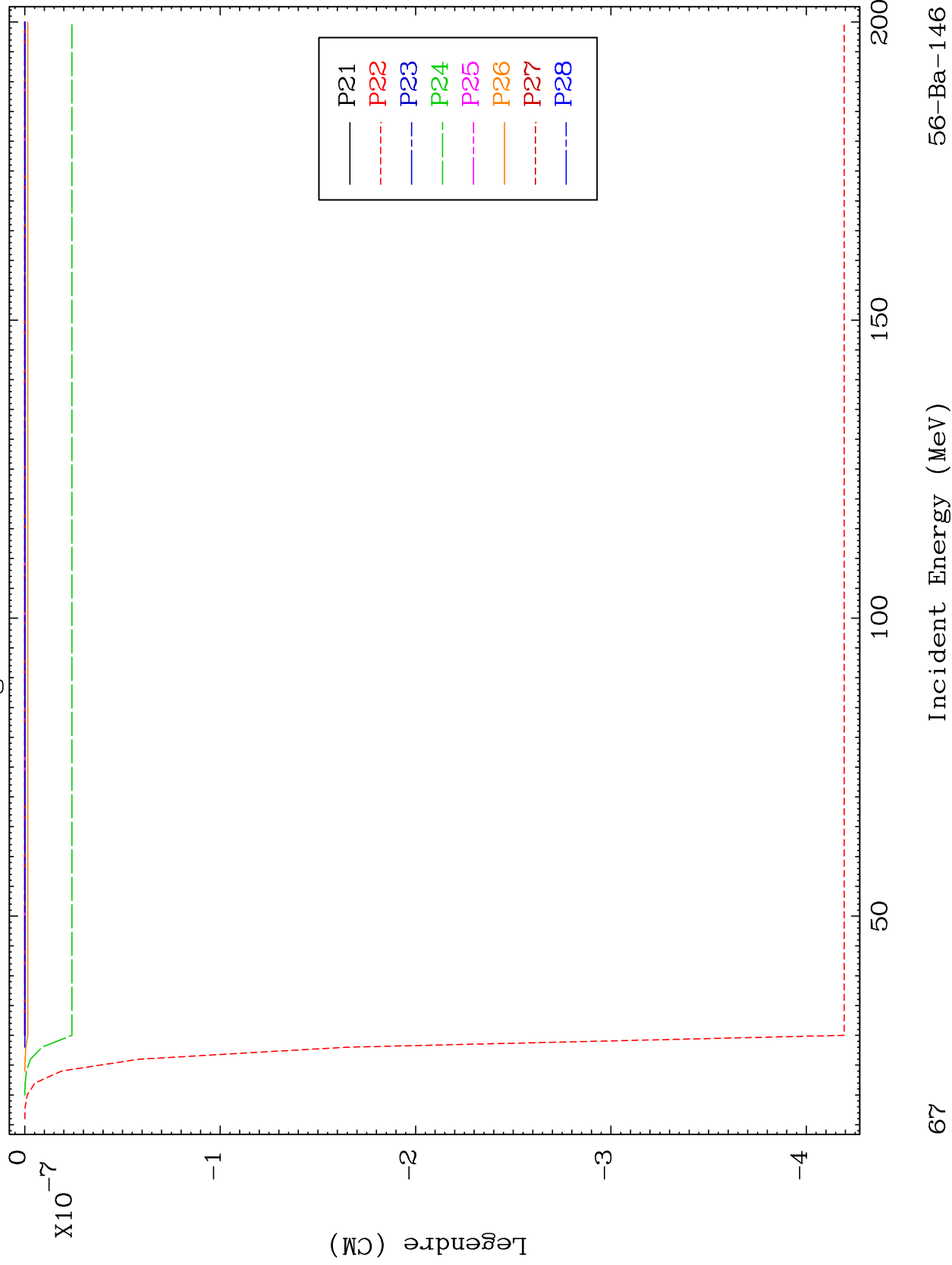
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

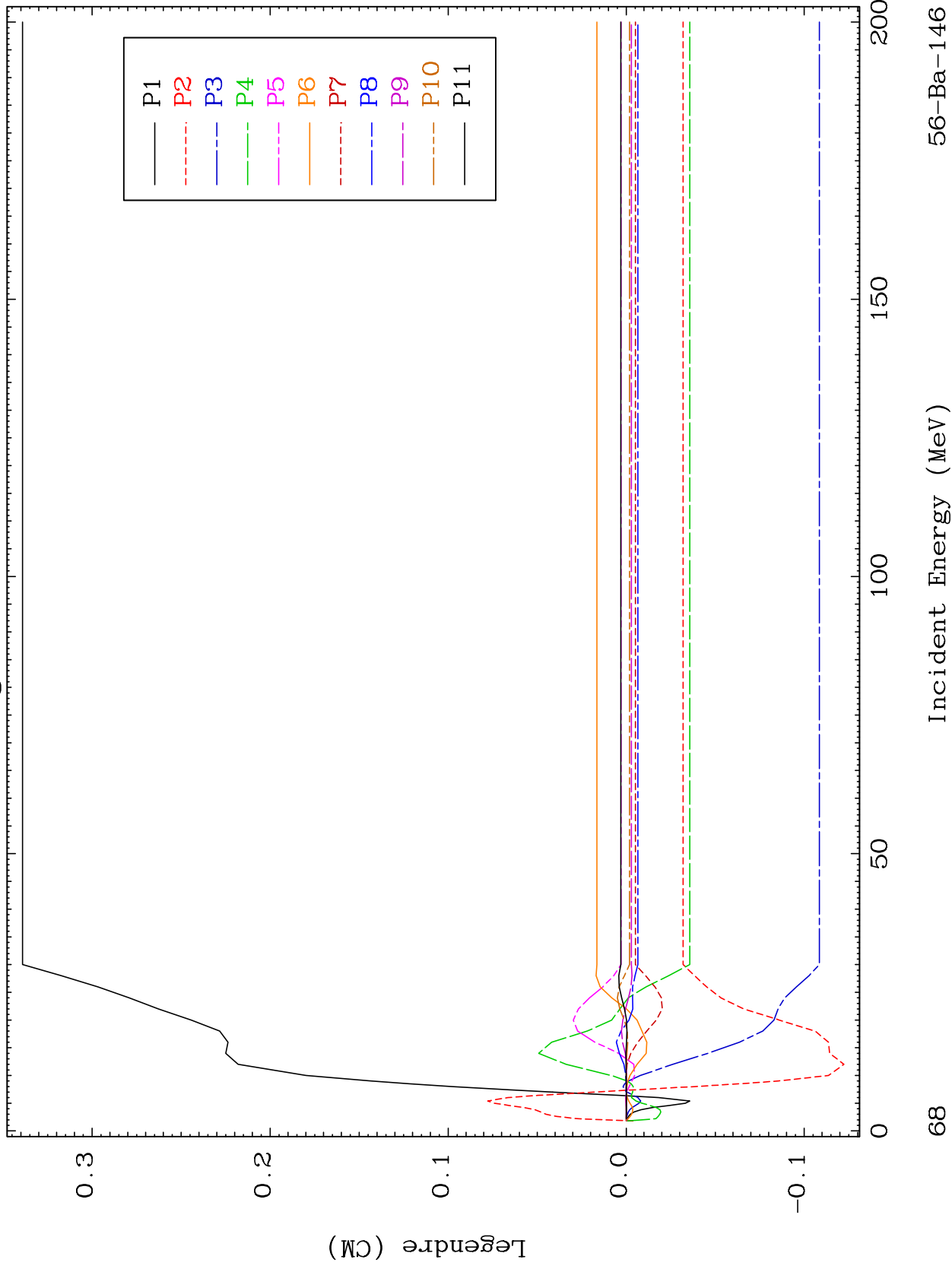
56-Ba-146



MAT 5673

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

56-Ba-146



56-Ba-146

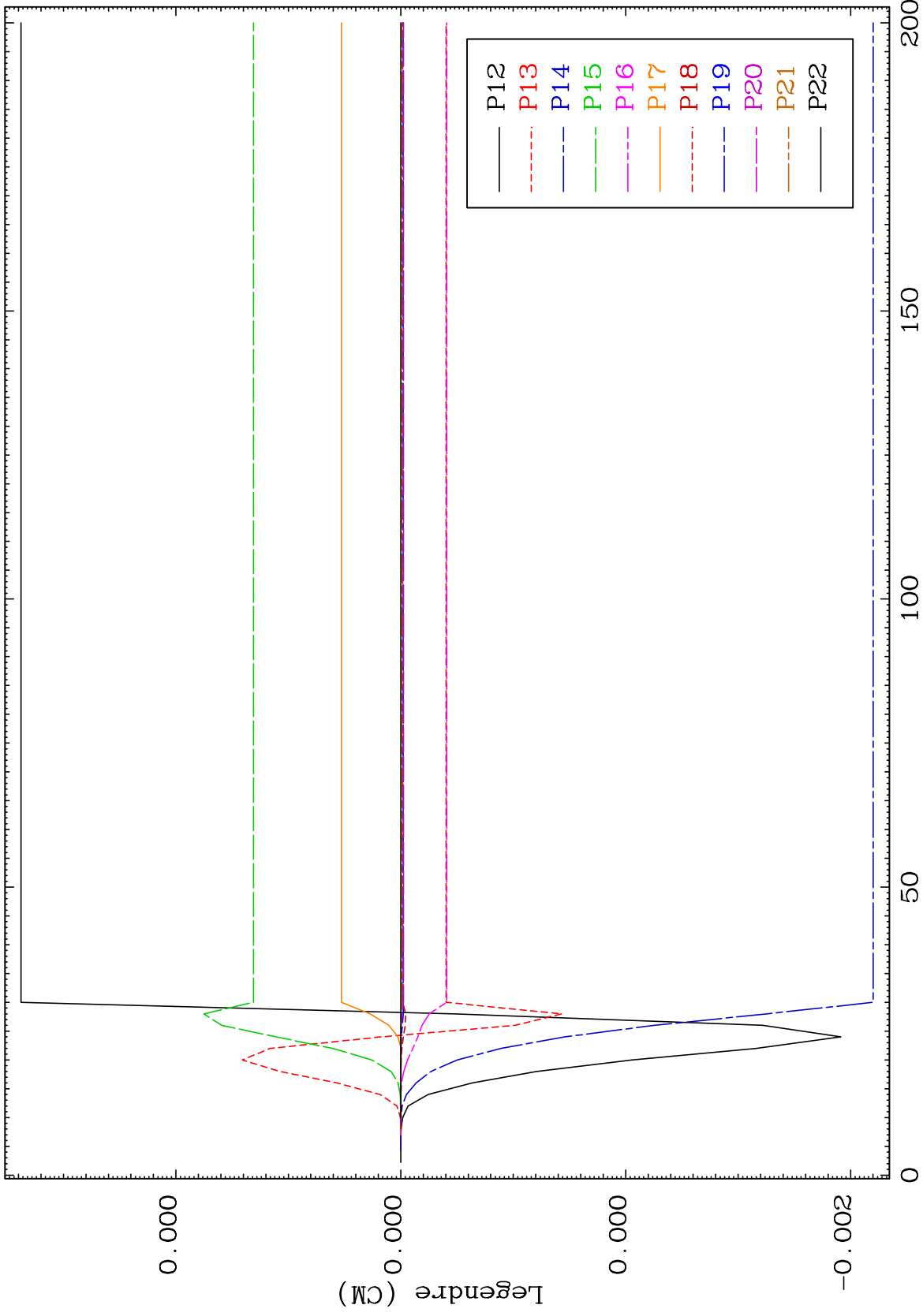
Incident Energy (MeV)

68

MAT 5673

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

56-Ba-146



69

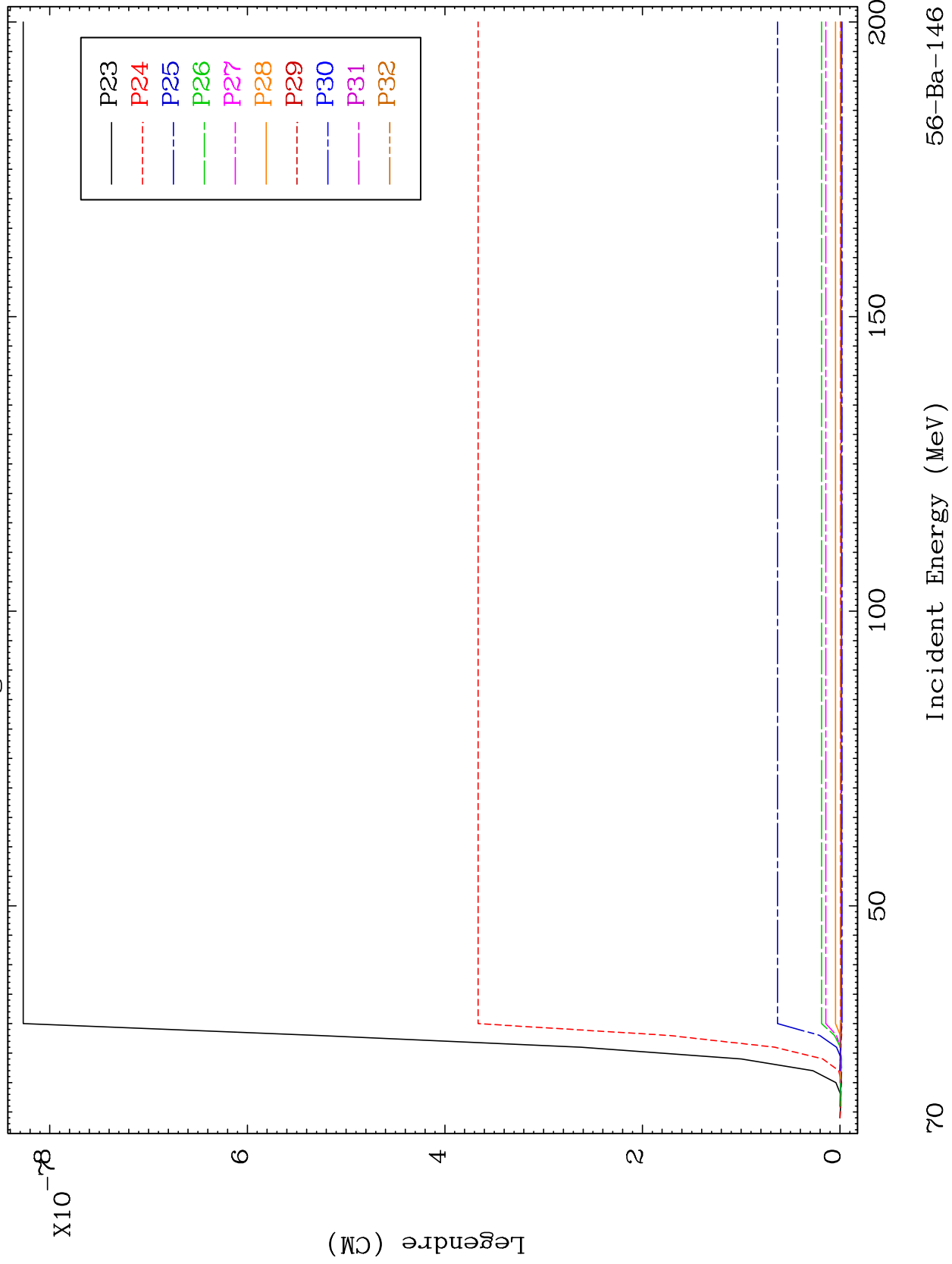
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



70

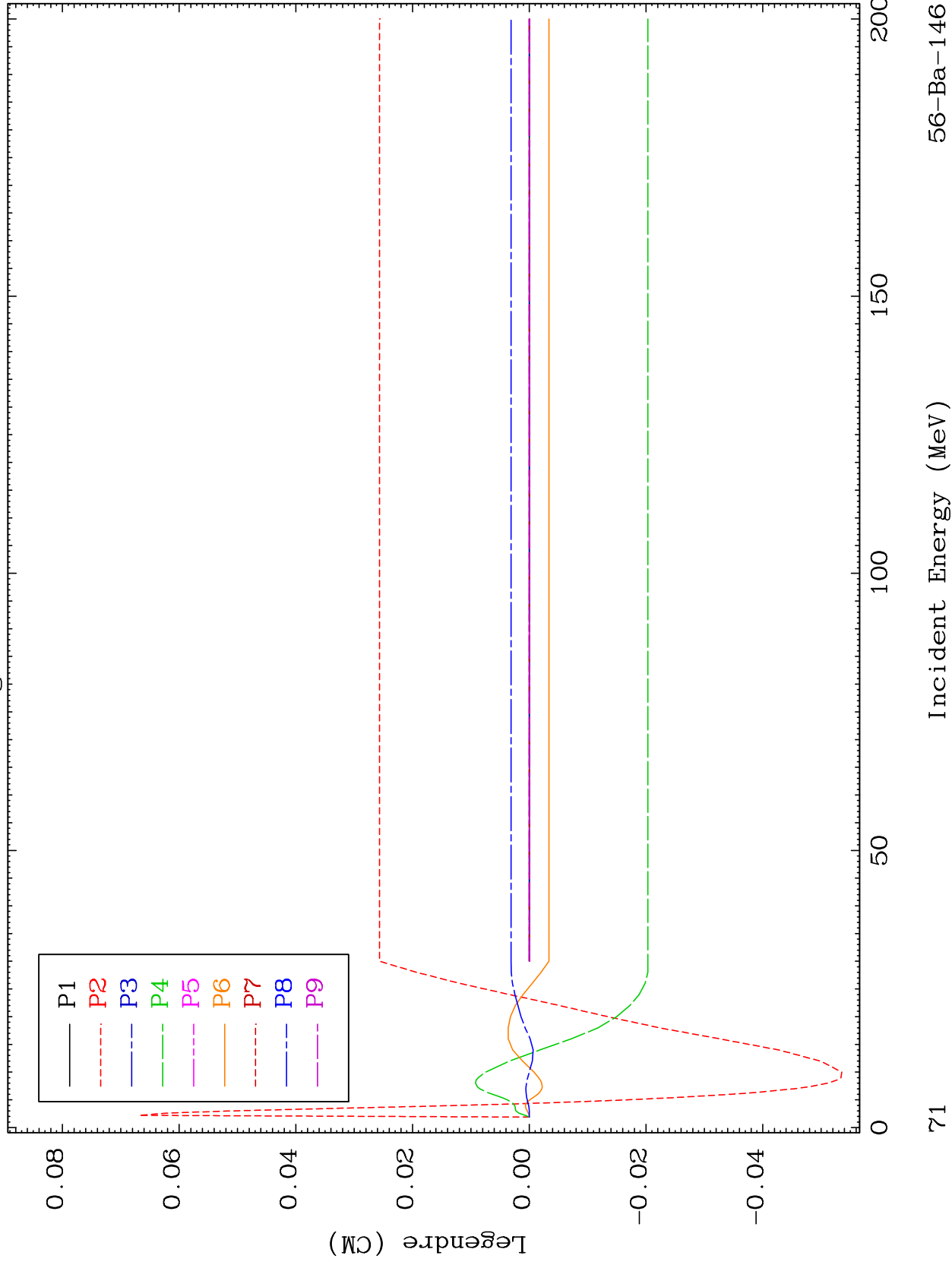
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



71

Incident Energy (MeV)

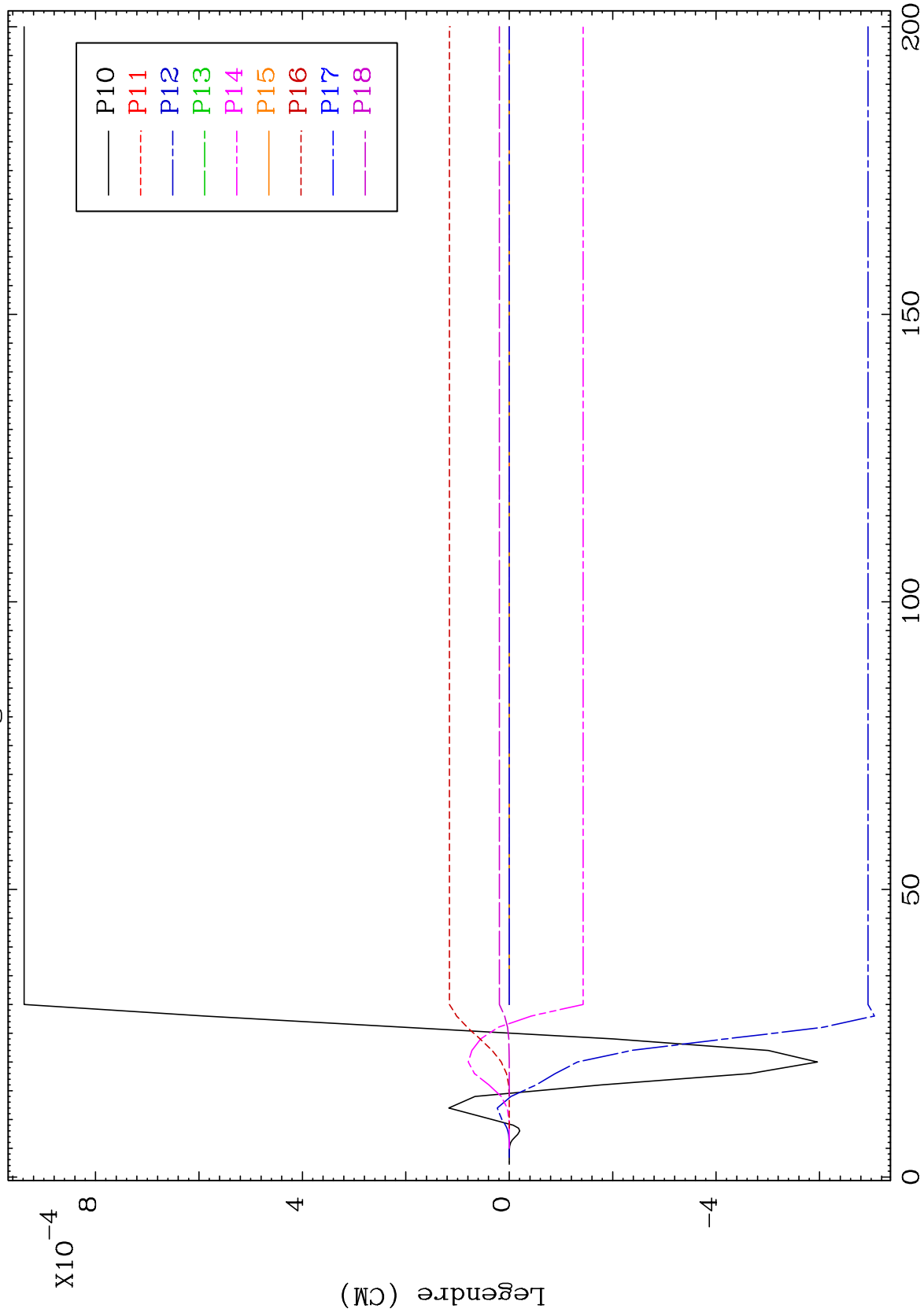
56-Ba-146



MAT 5673

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

56-Ba-146



72

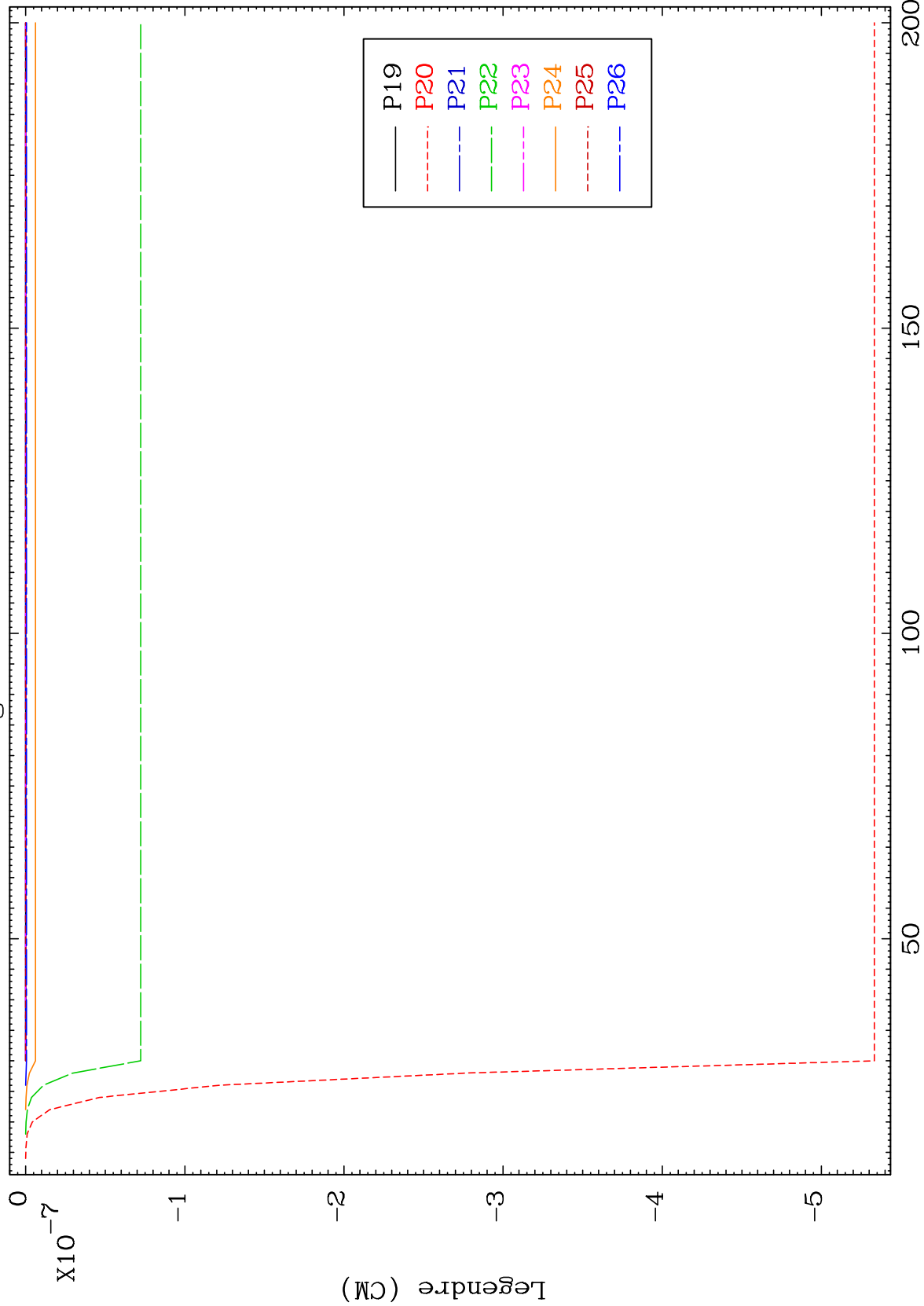
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



56-Ba-146

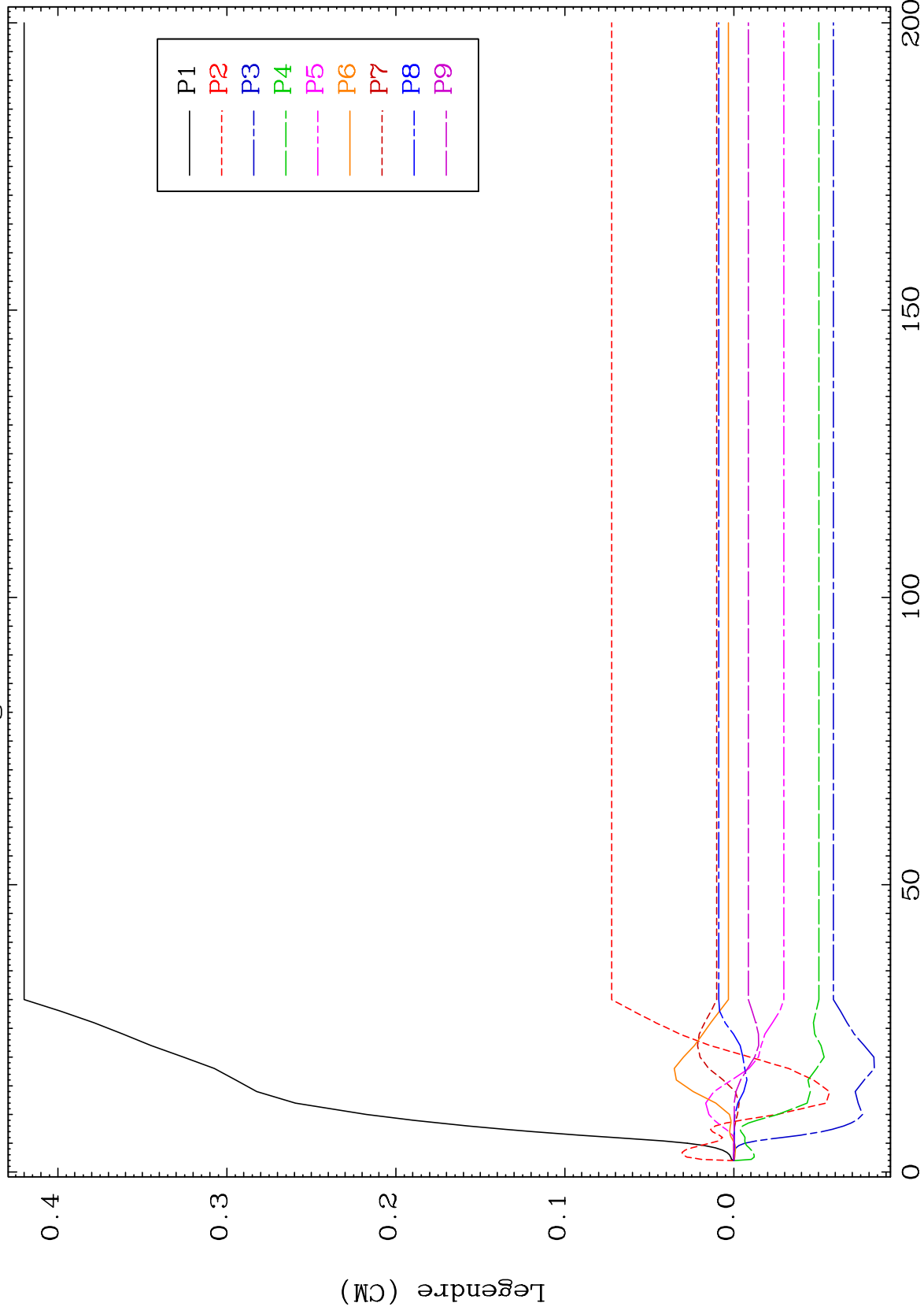
Incident Energy (MeV)

73

MAT 5673

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

56-Ba-146



74

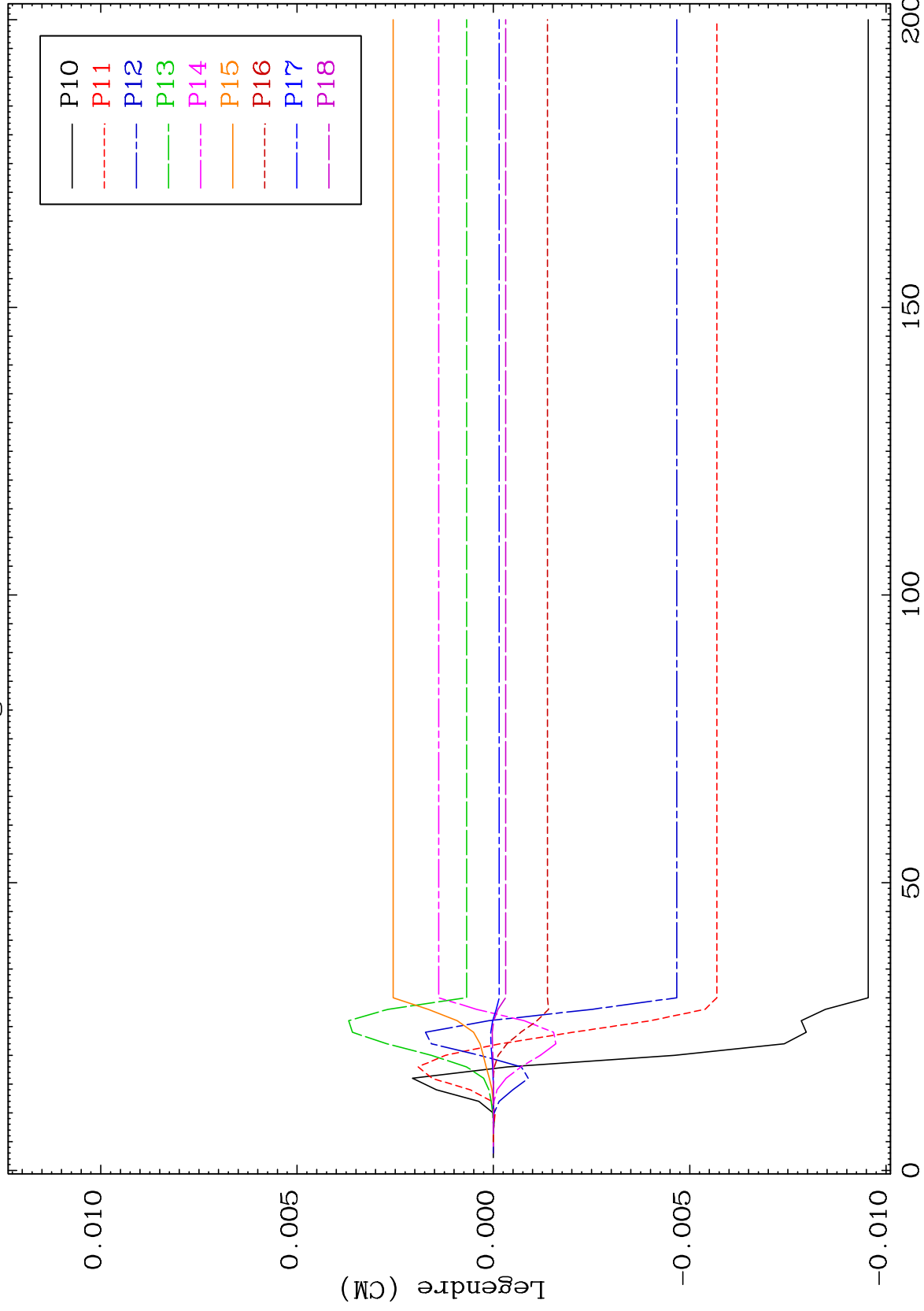
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



75

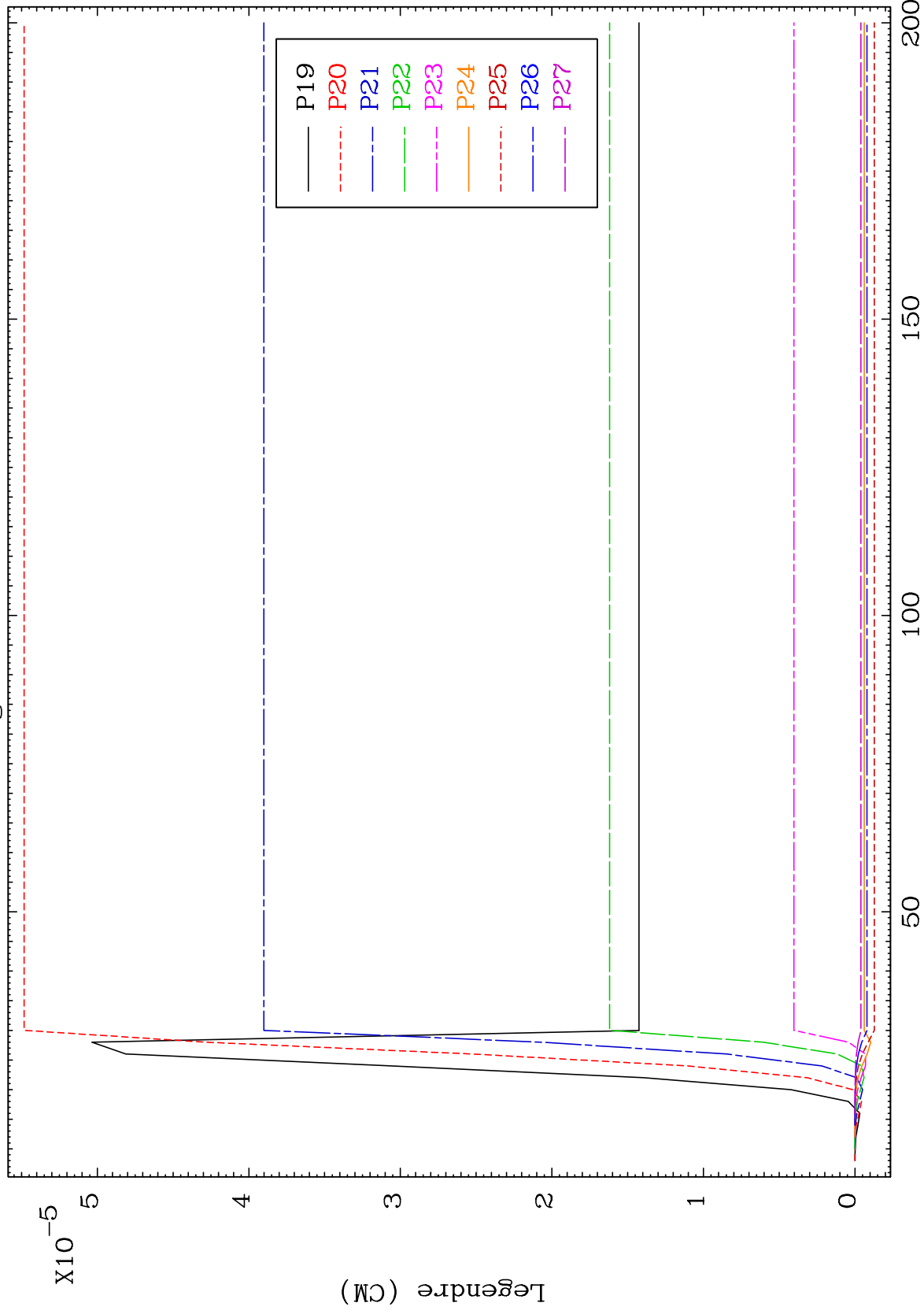
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



76

Incident Energy (MeV)

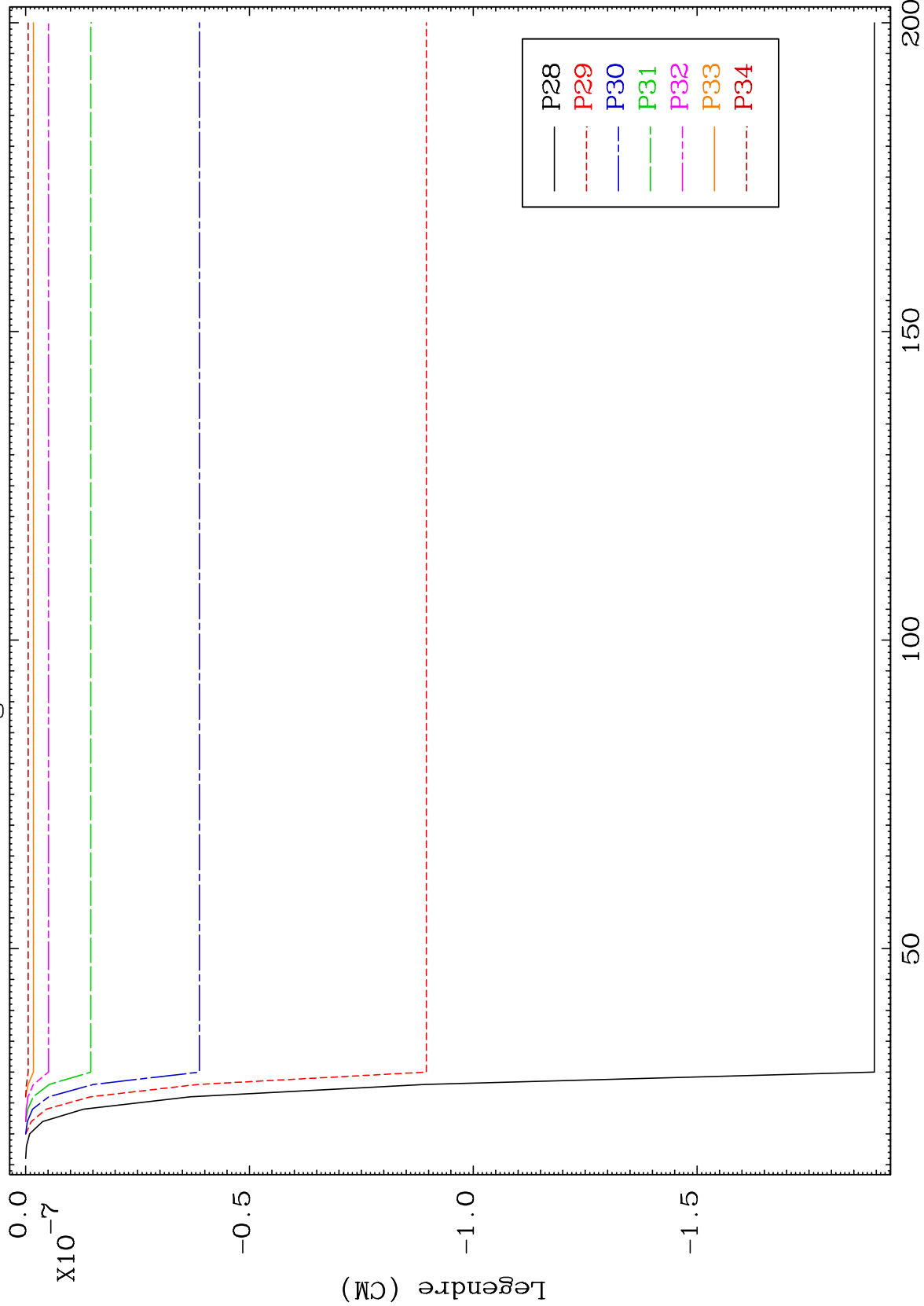
56-Ba-146

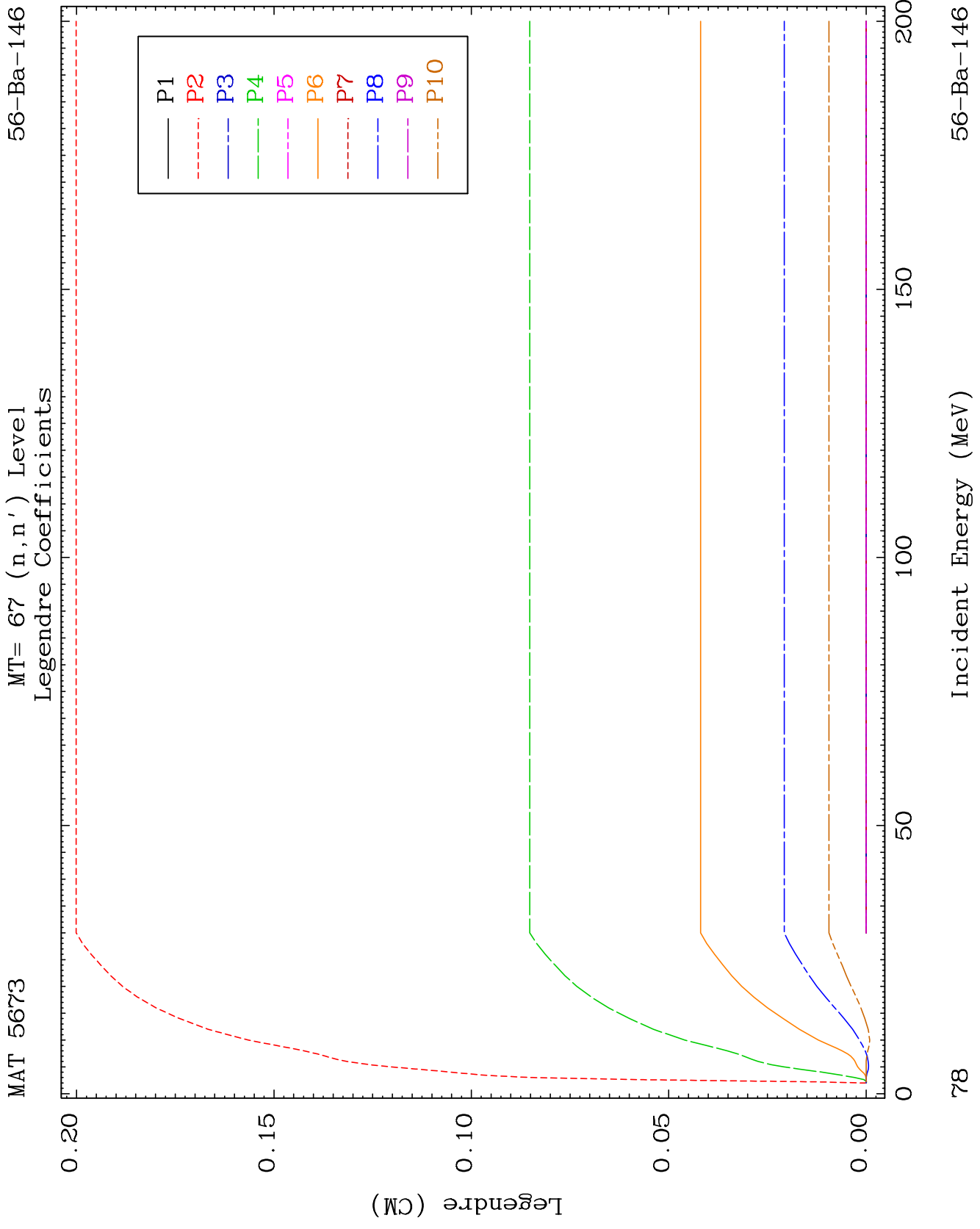
MAT 5673

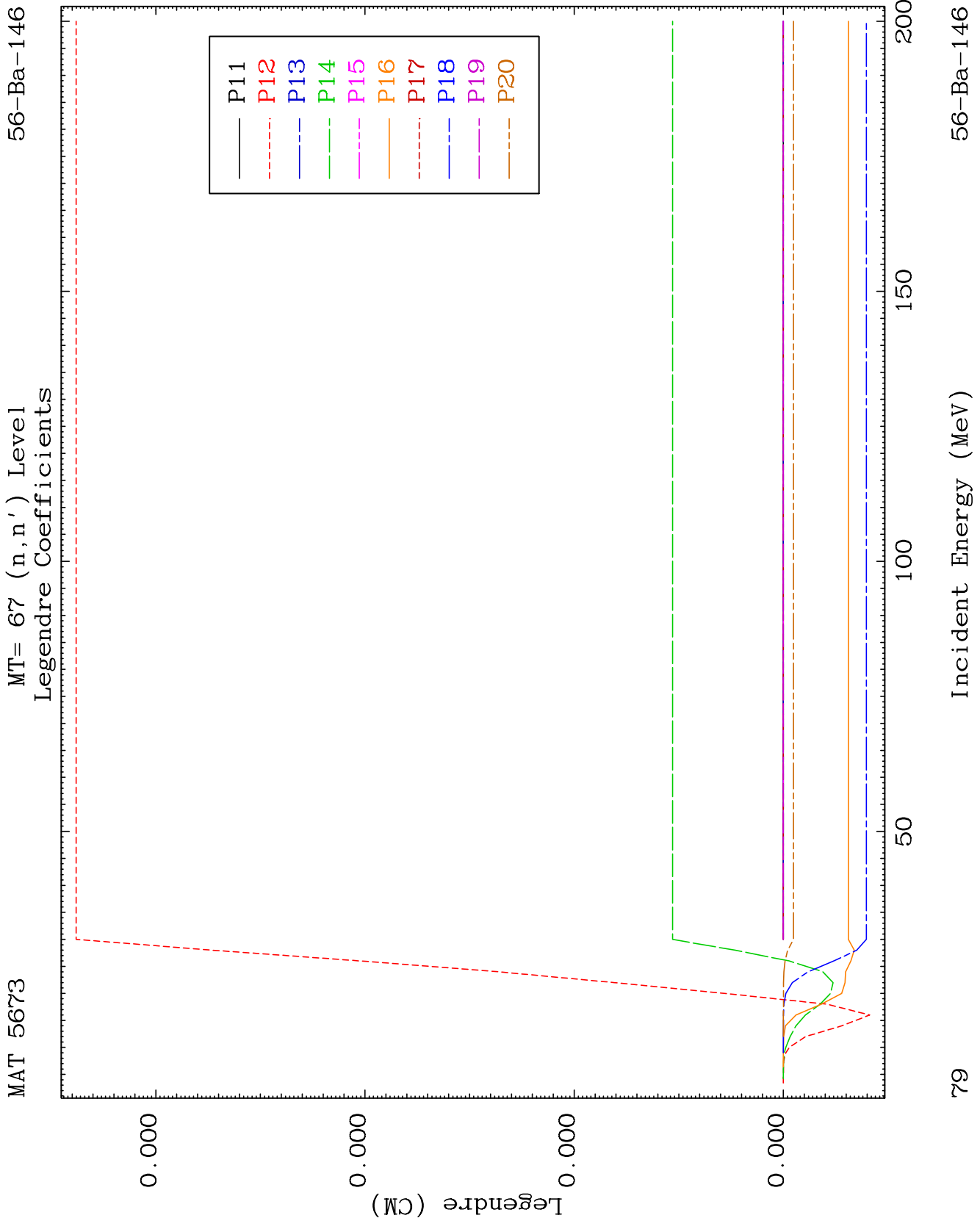
MT= 66 (n,n') Level

56-Ba-146

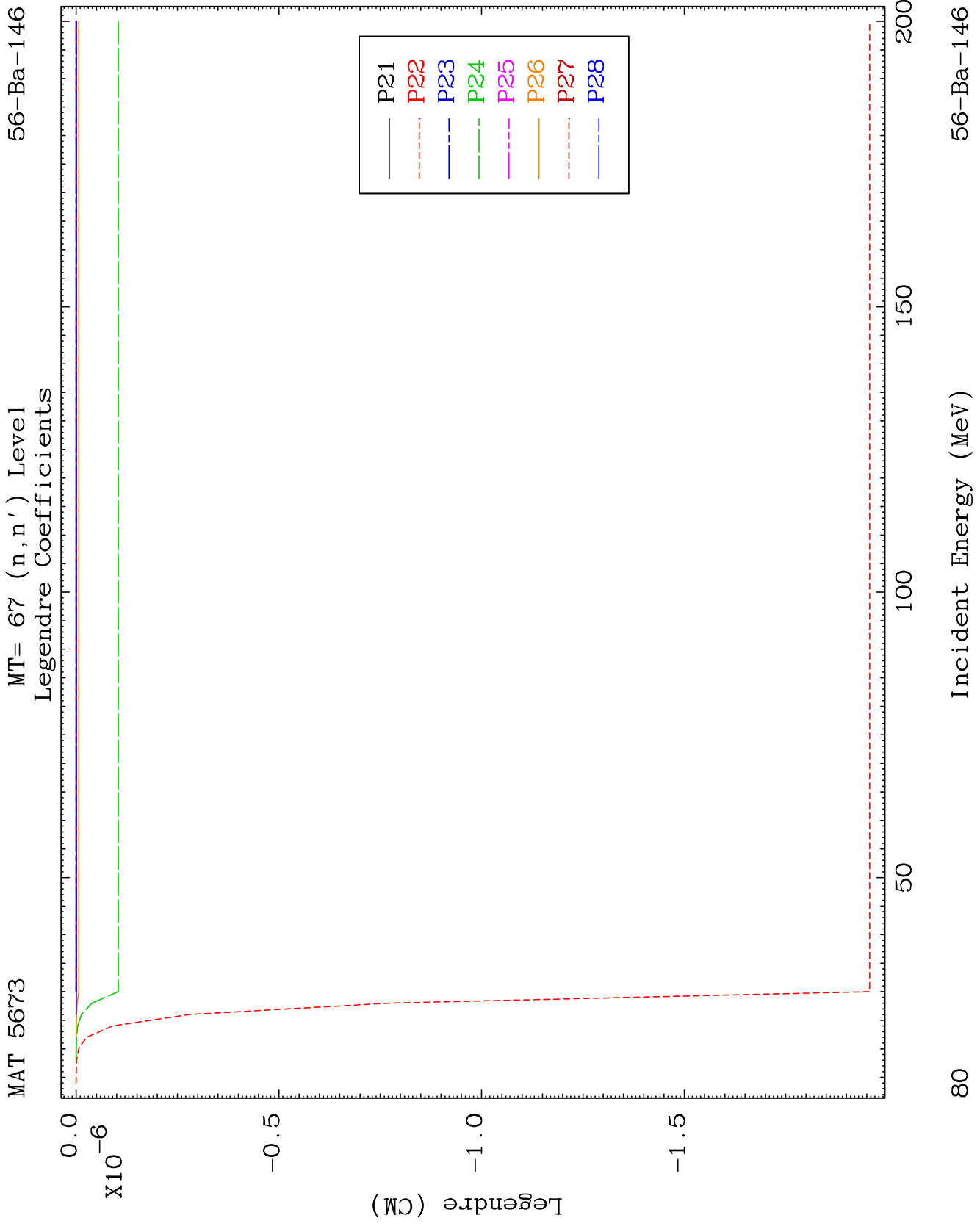
Legendre Coefficients









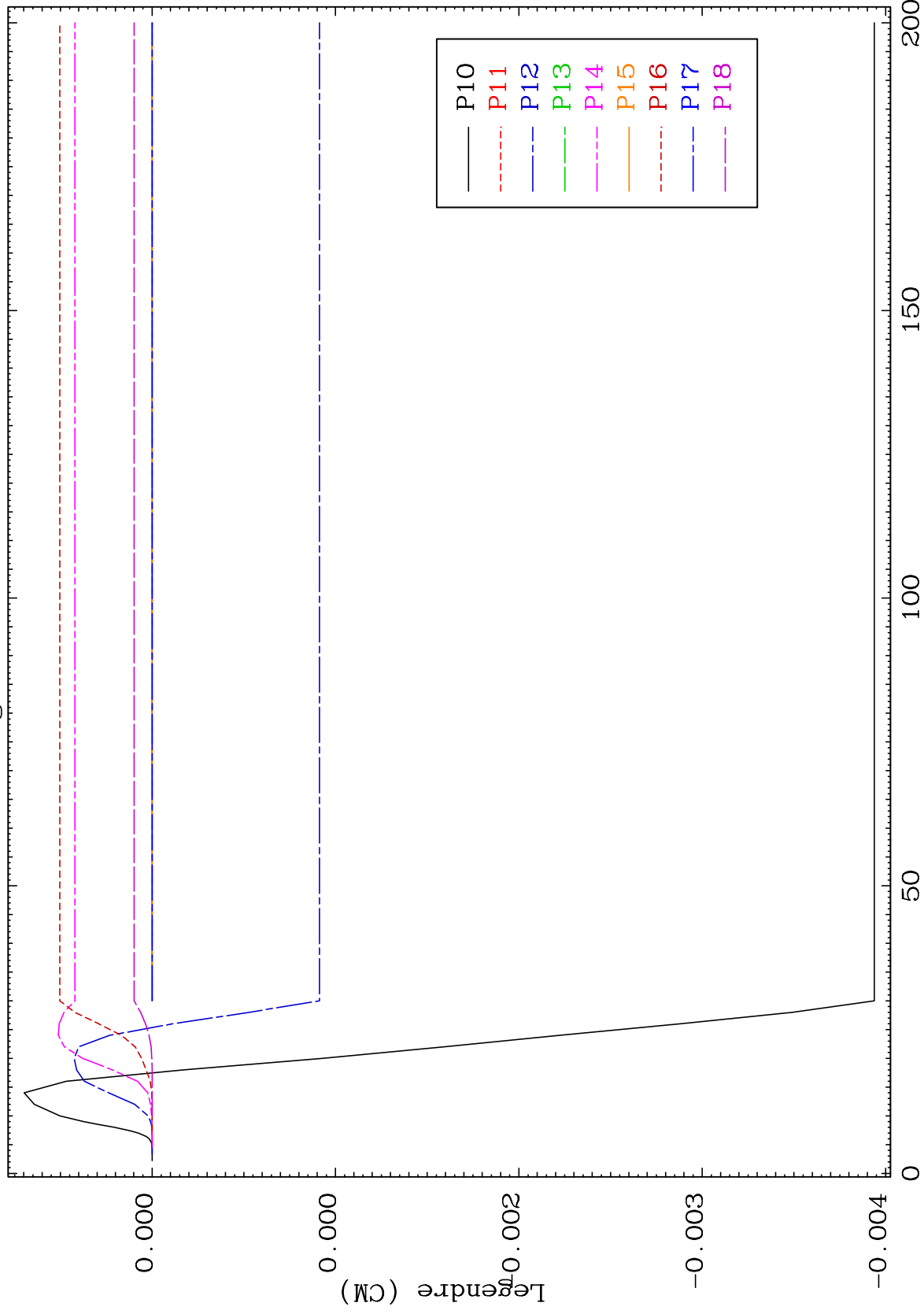




MAT 5673

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

56-Ba-146



82

Incident Energy (MeV)

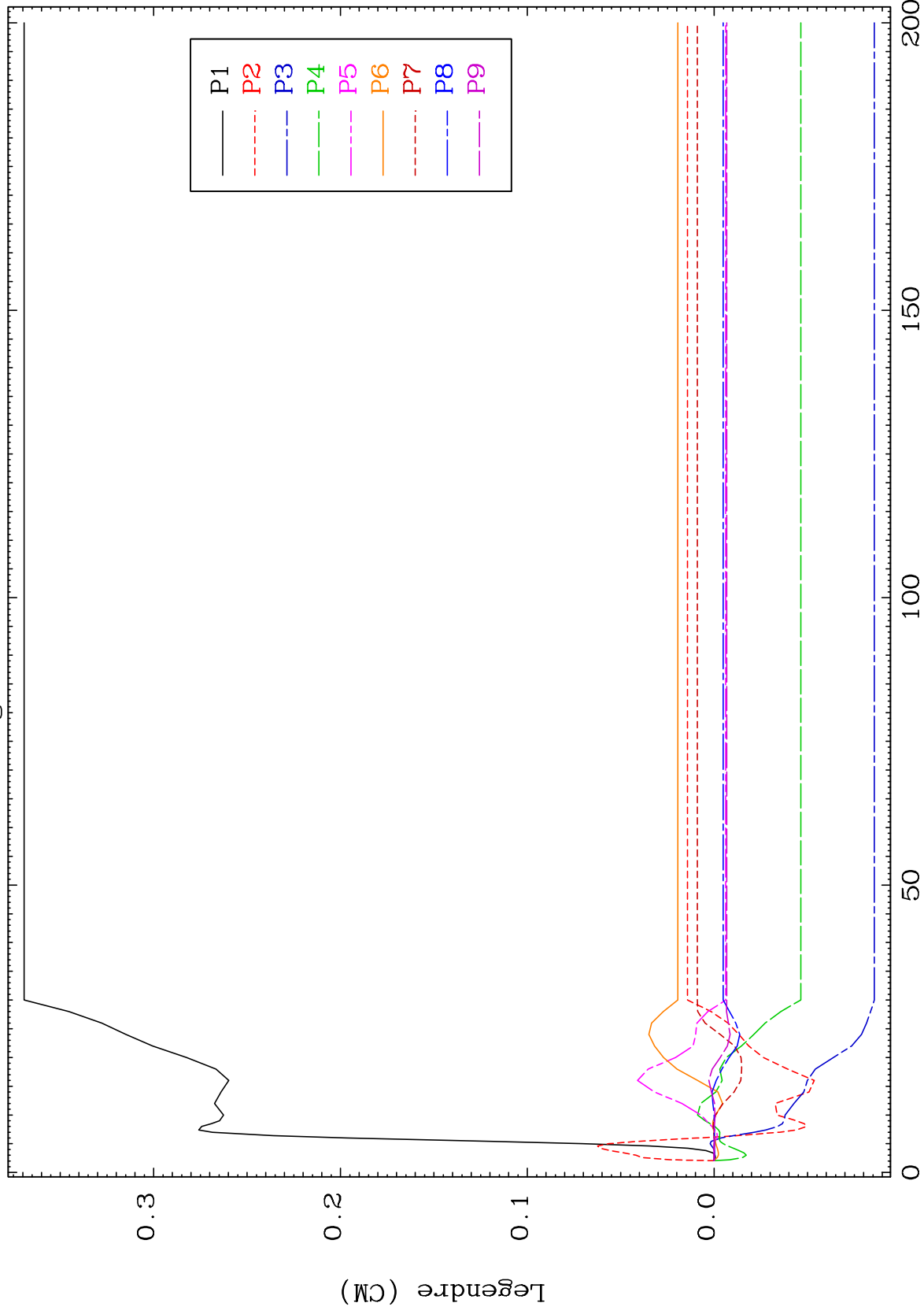
56-Ba-146



MAT 5673

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

56-Ba-146



84

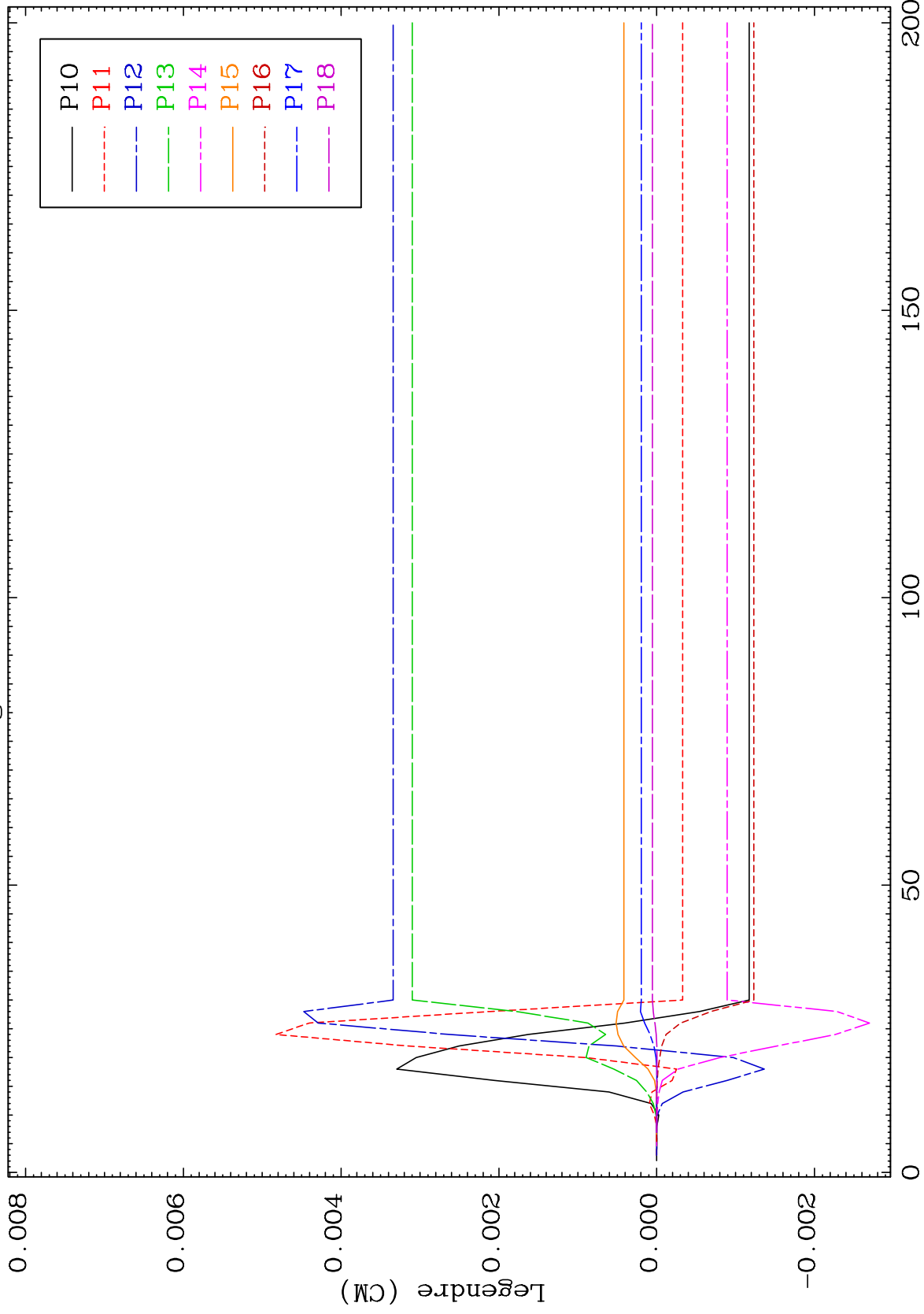
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



85

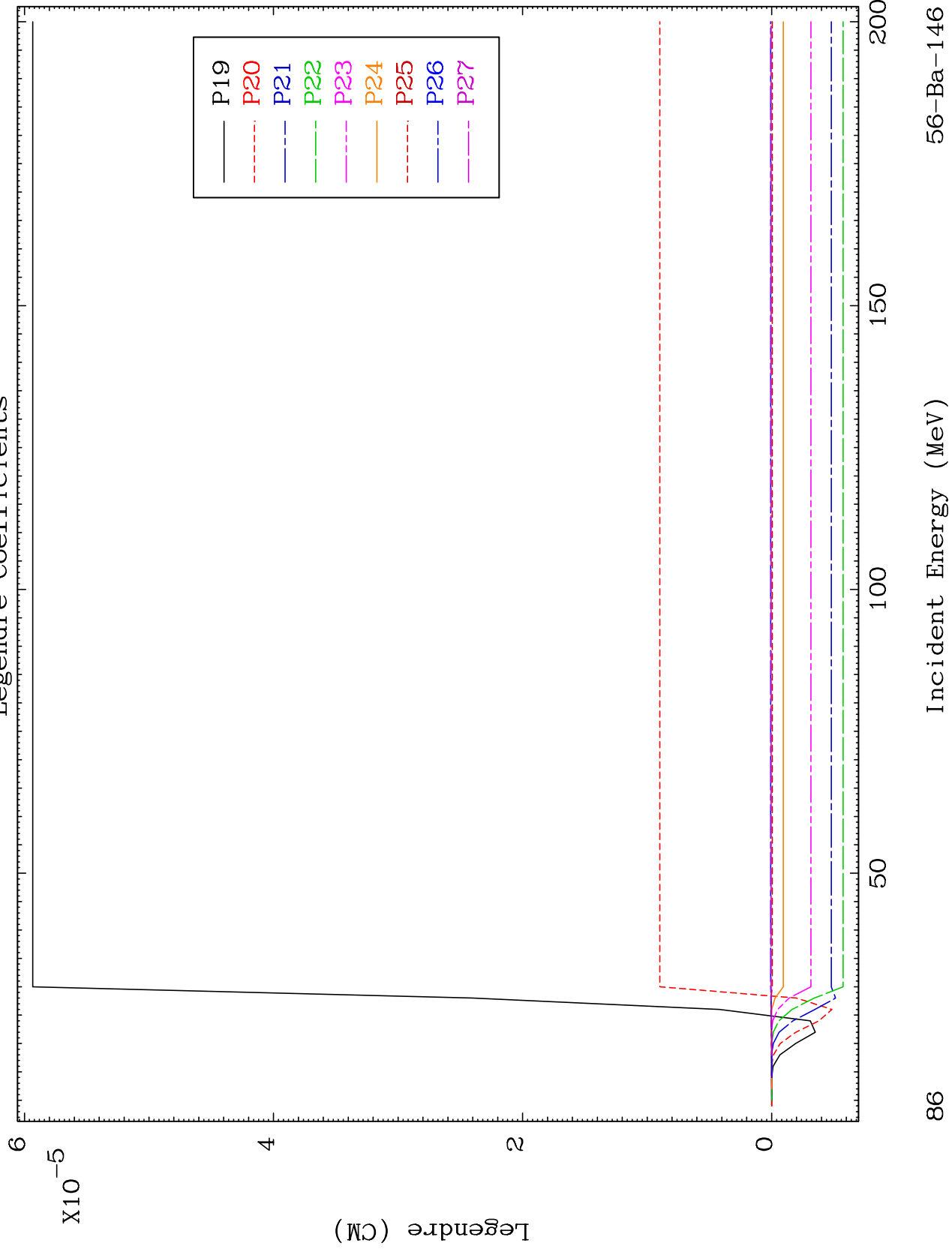
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



86

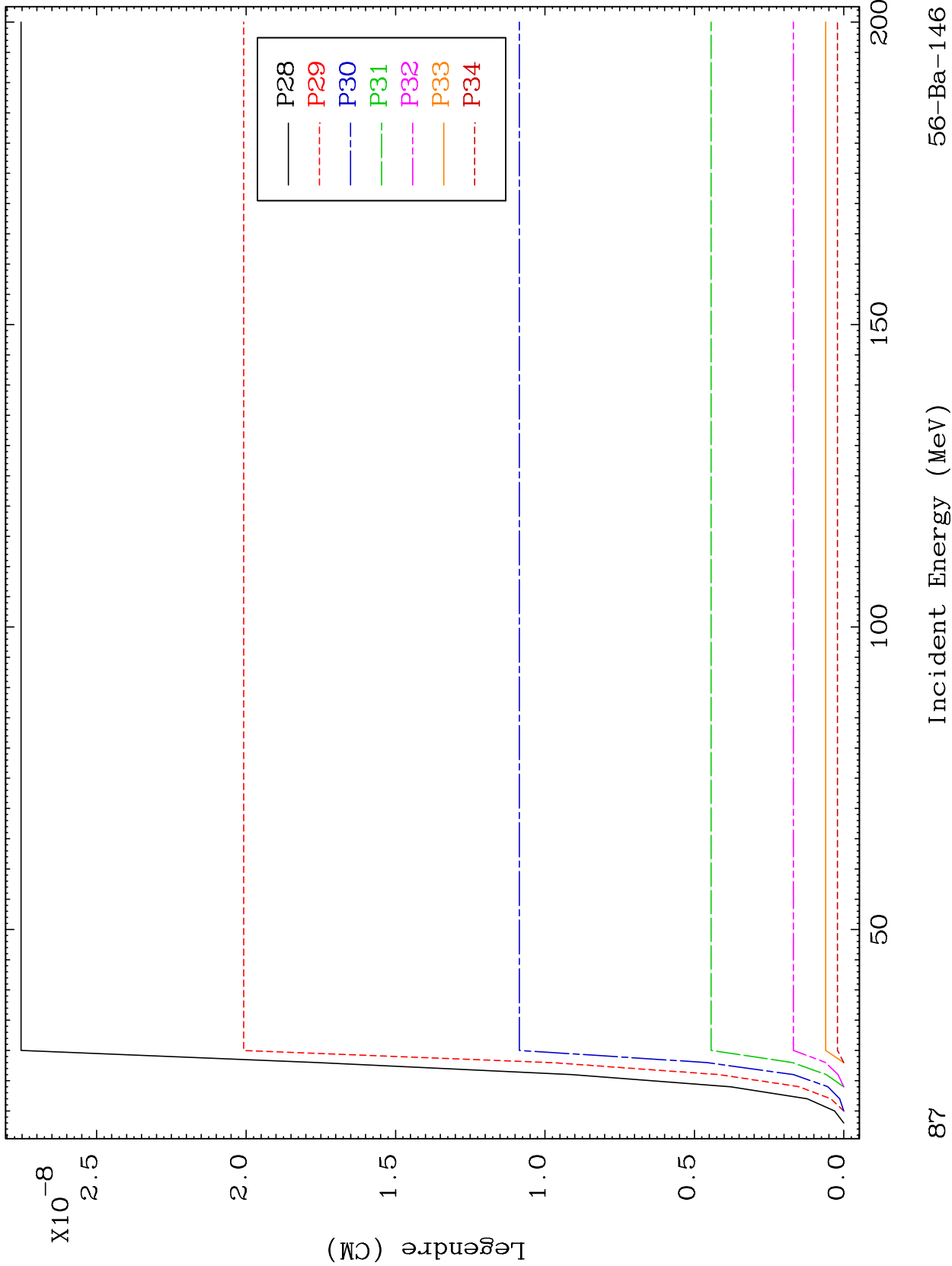
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146

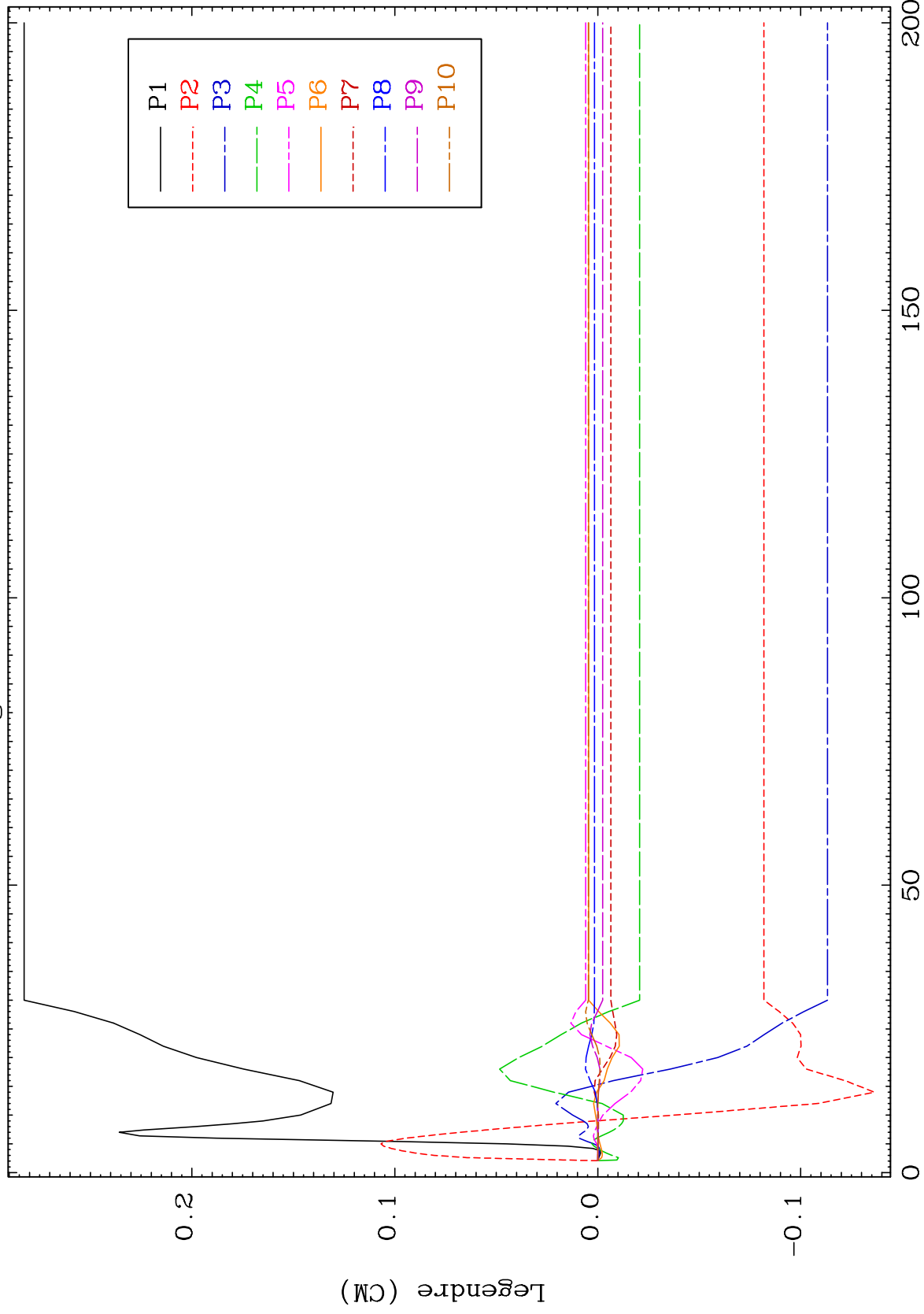




MAT 5673

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

56-Ba-146



88

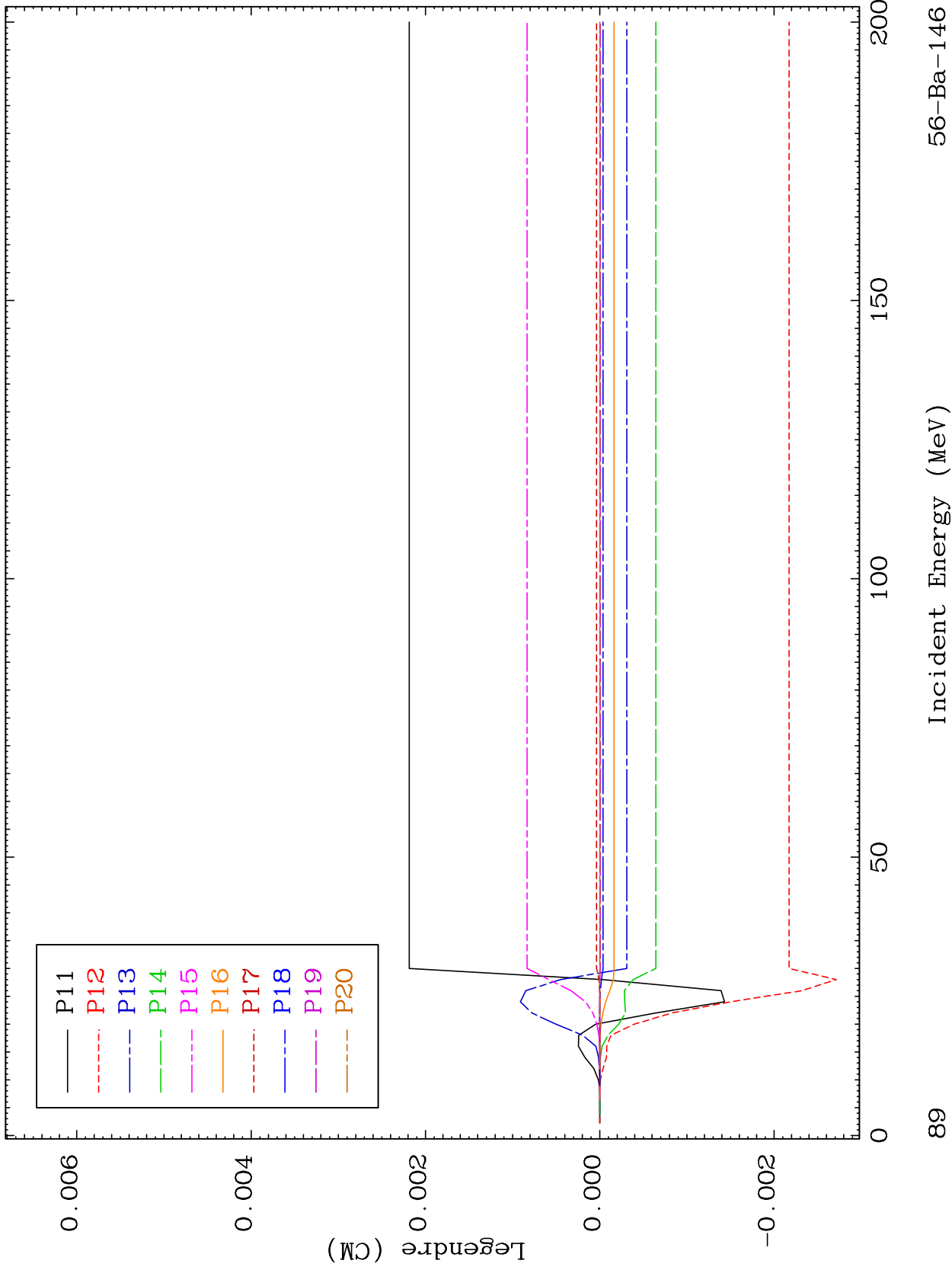
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



89

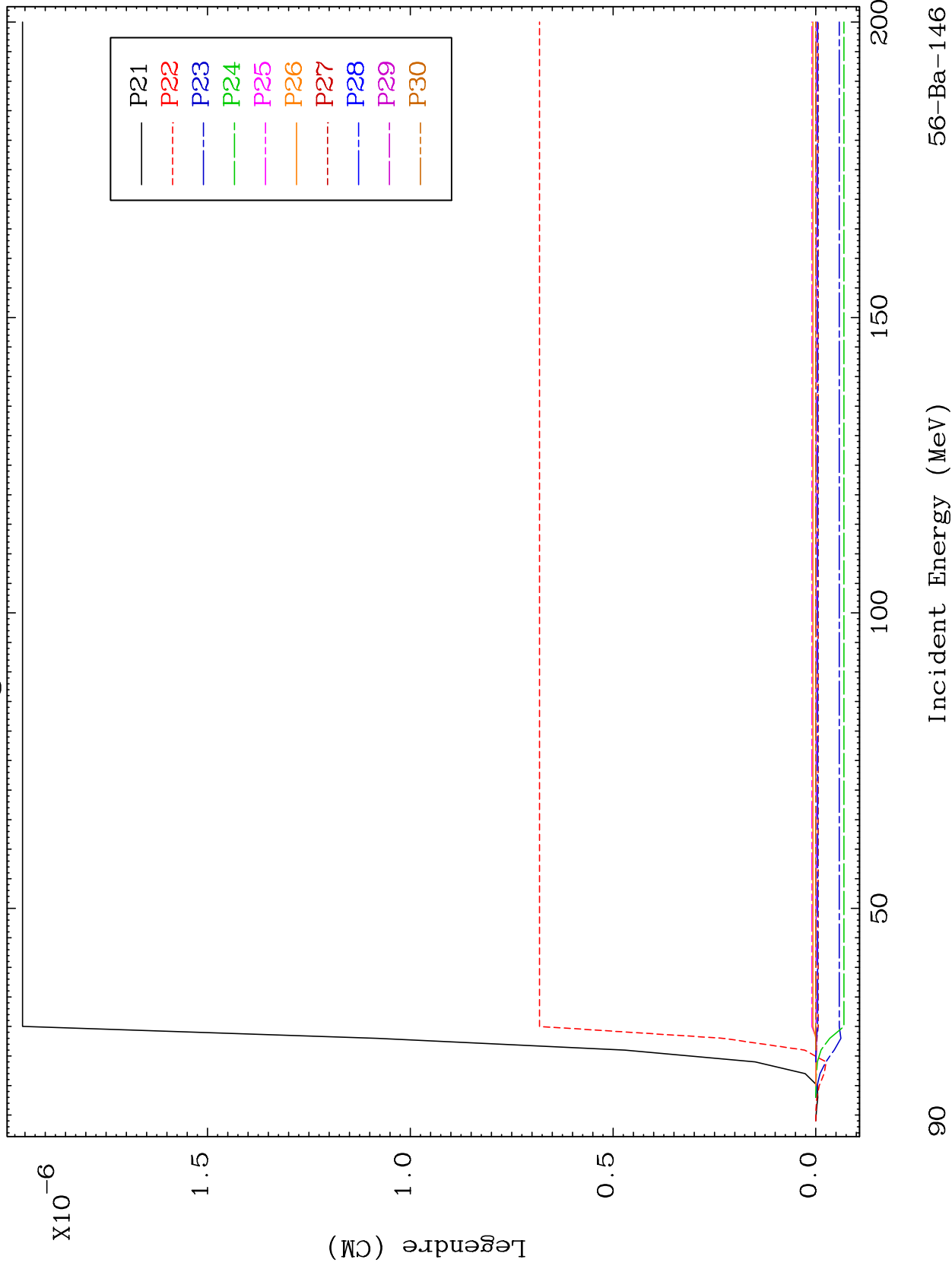
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

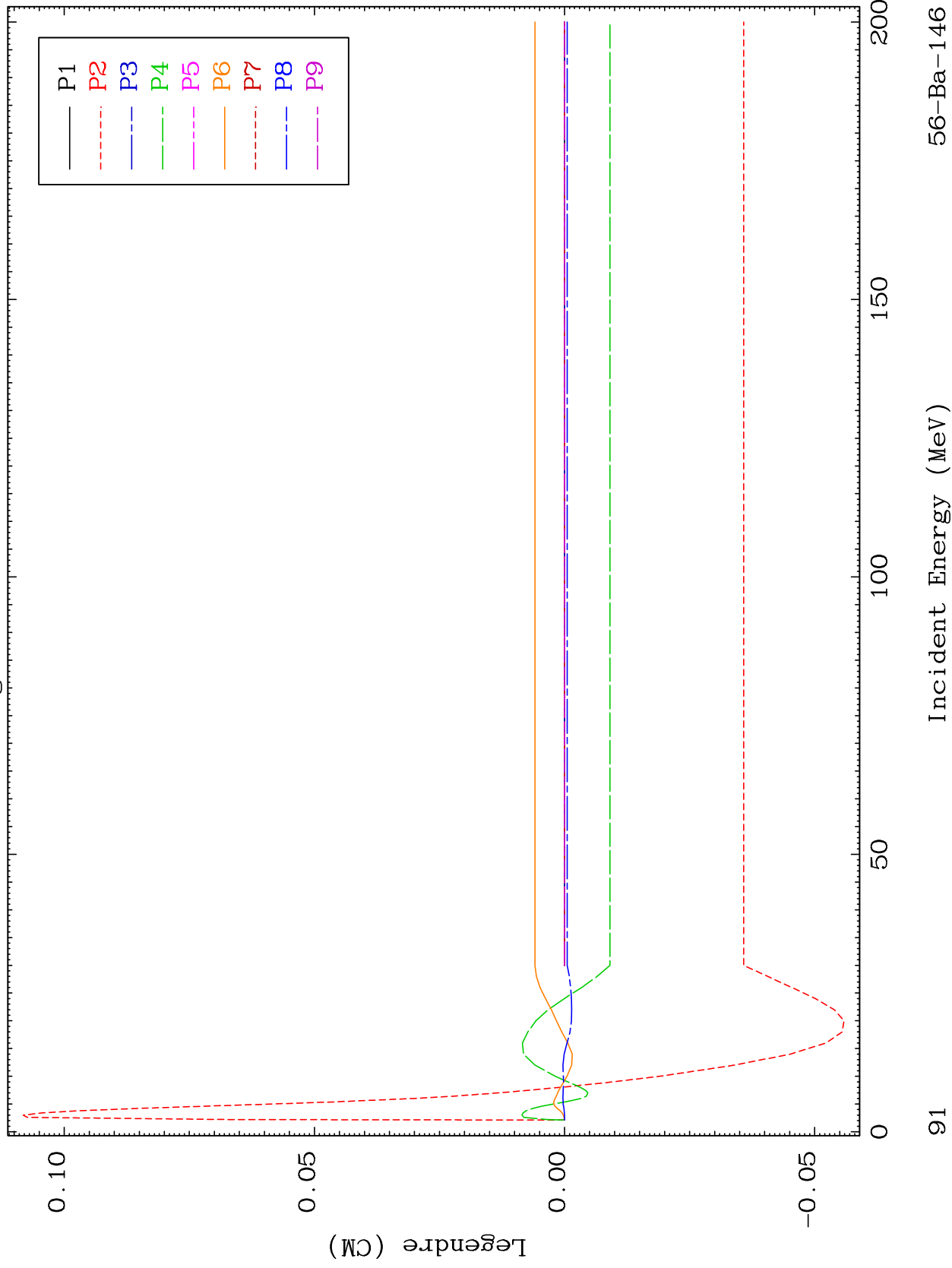
56-Ba-146



MAT 5673

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

56-Ba-146



56-Ba-146

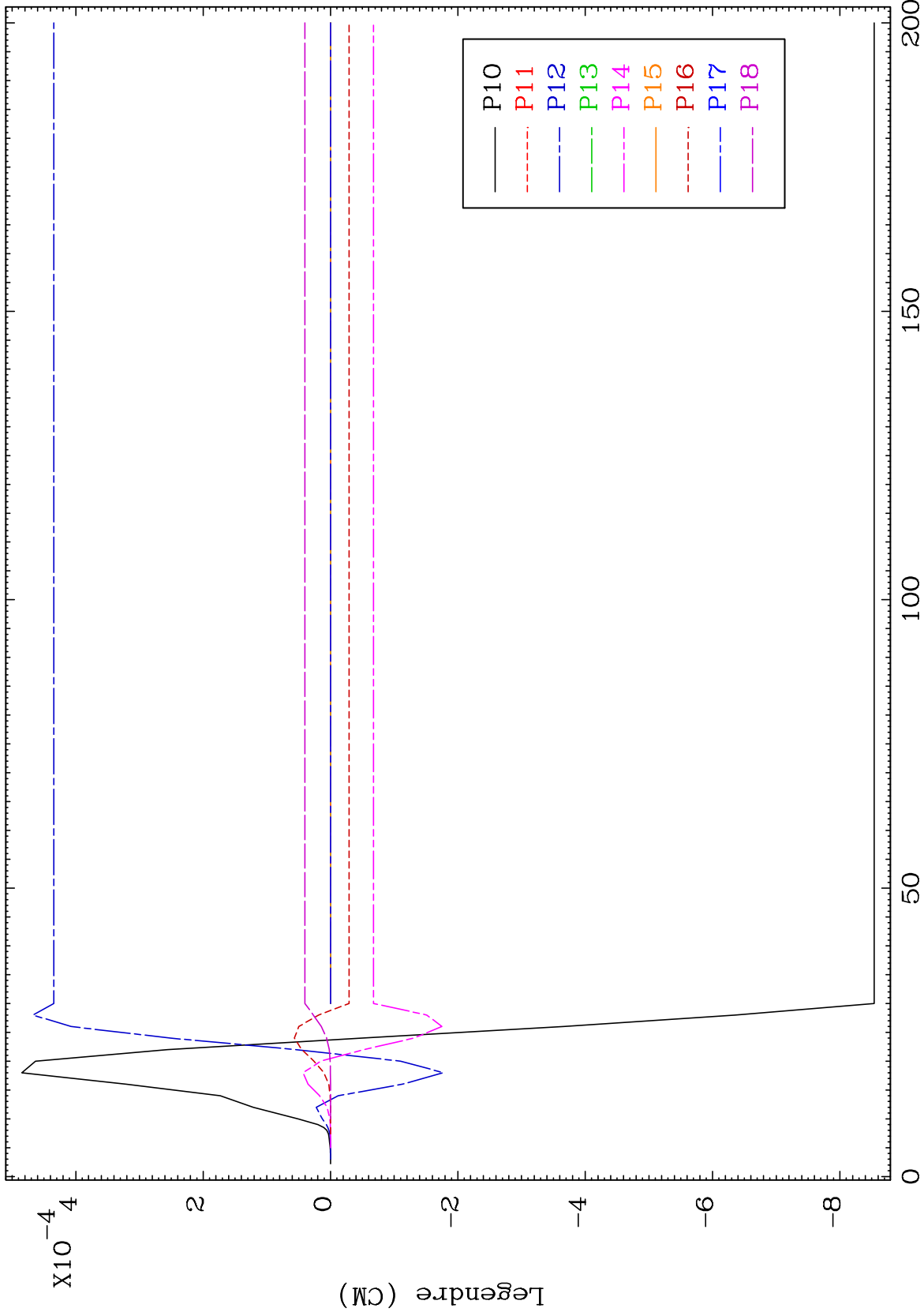
Incident Energy (MeV)

91

MAT 5673

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

56-Ba-146



92

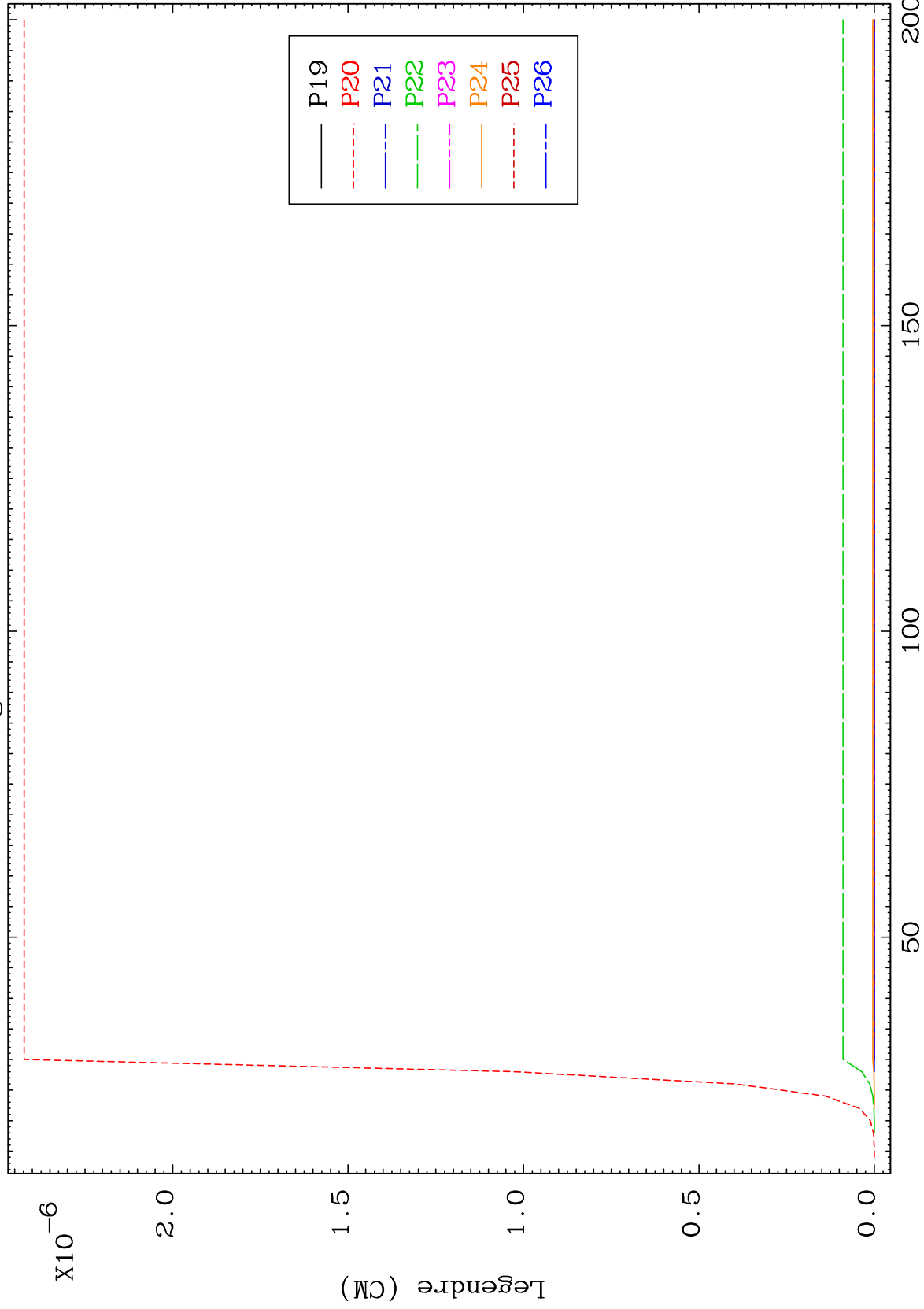
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



93

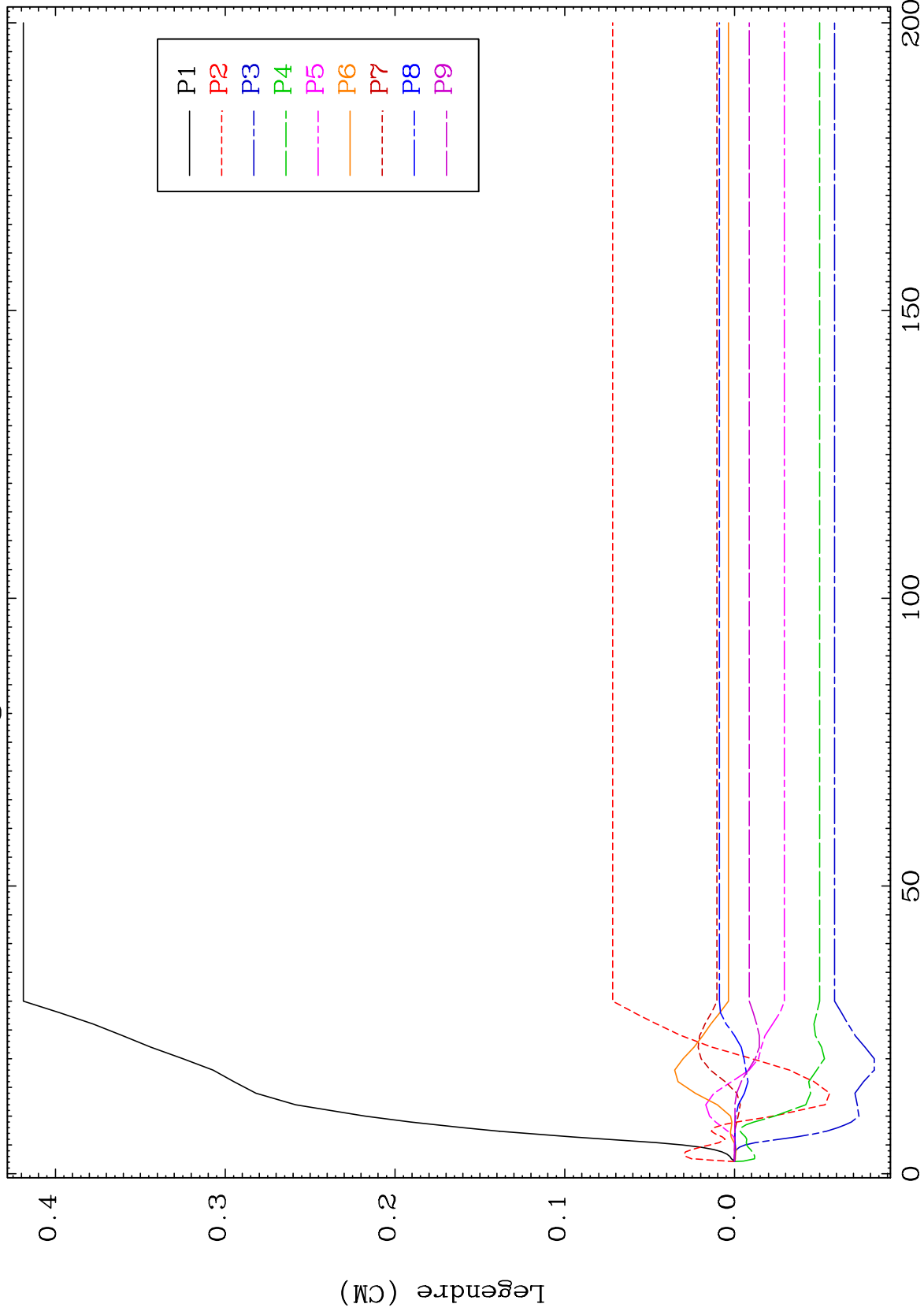
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



94

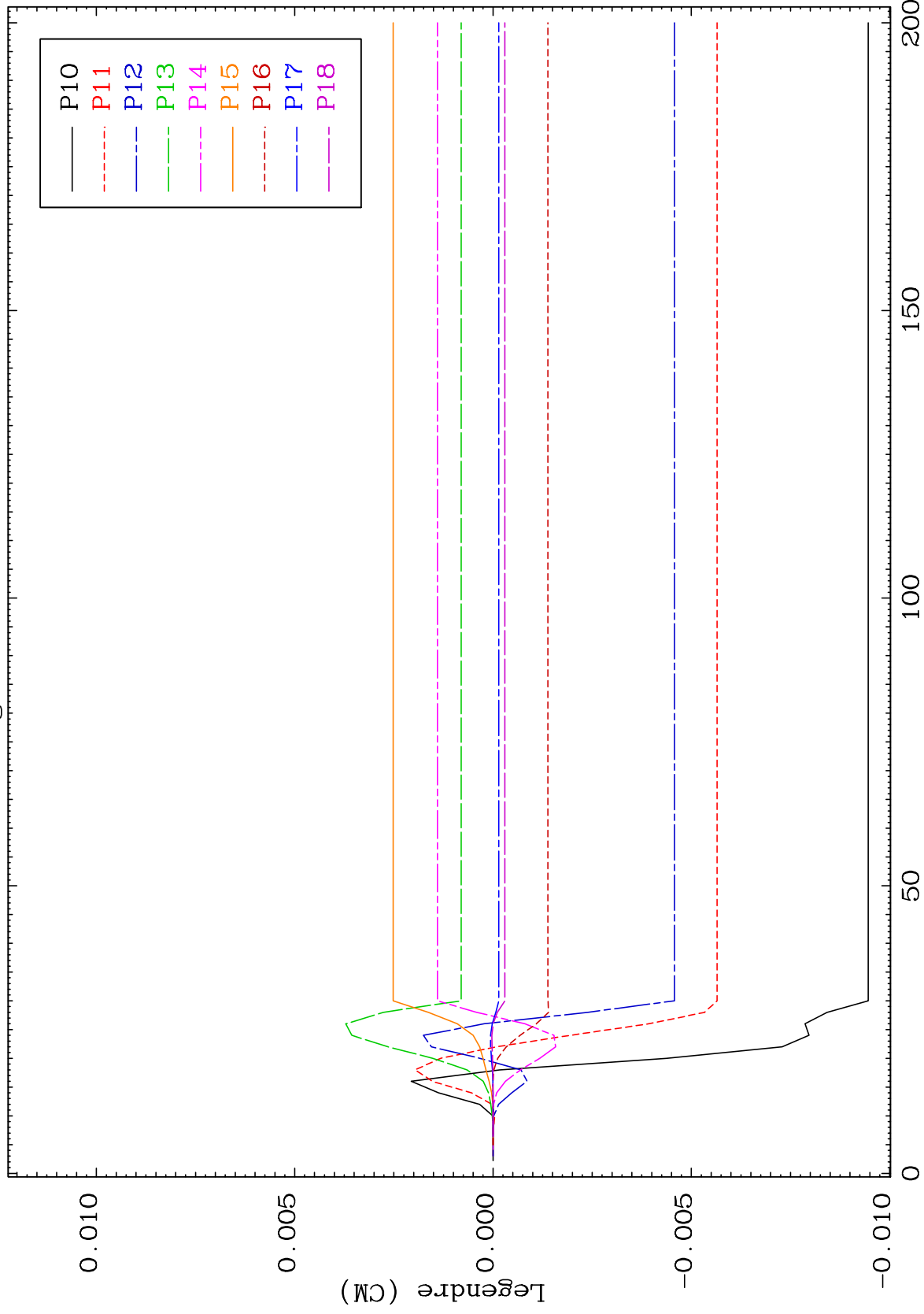
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



95

Incident Energy (MeV)

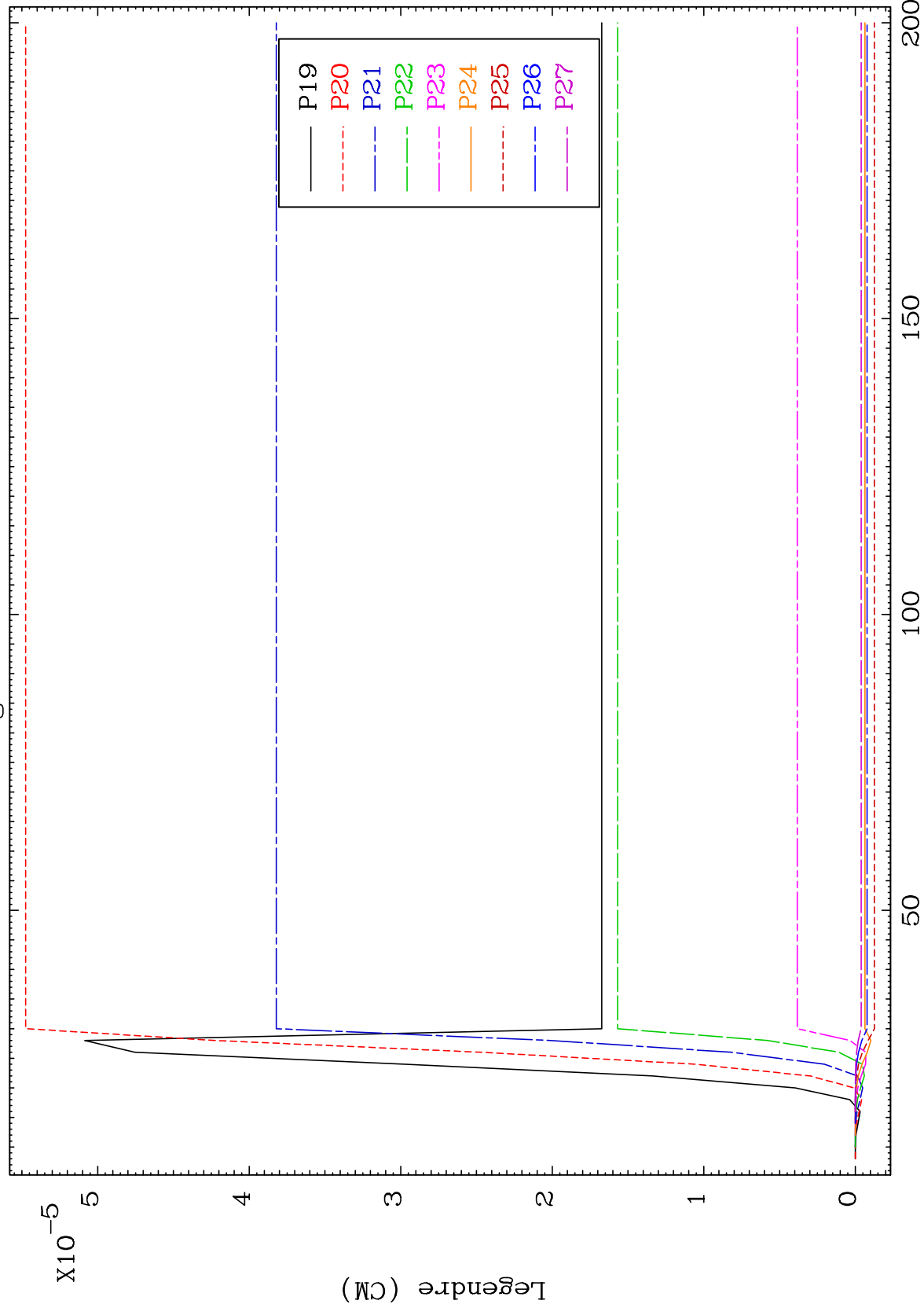
56-Ba-146



MAT 5673

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

56-Ba-146



96

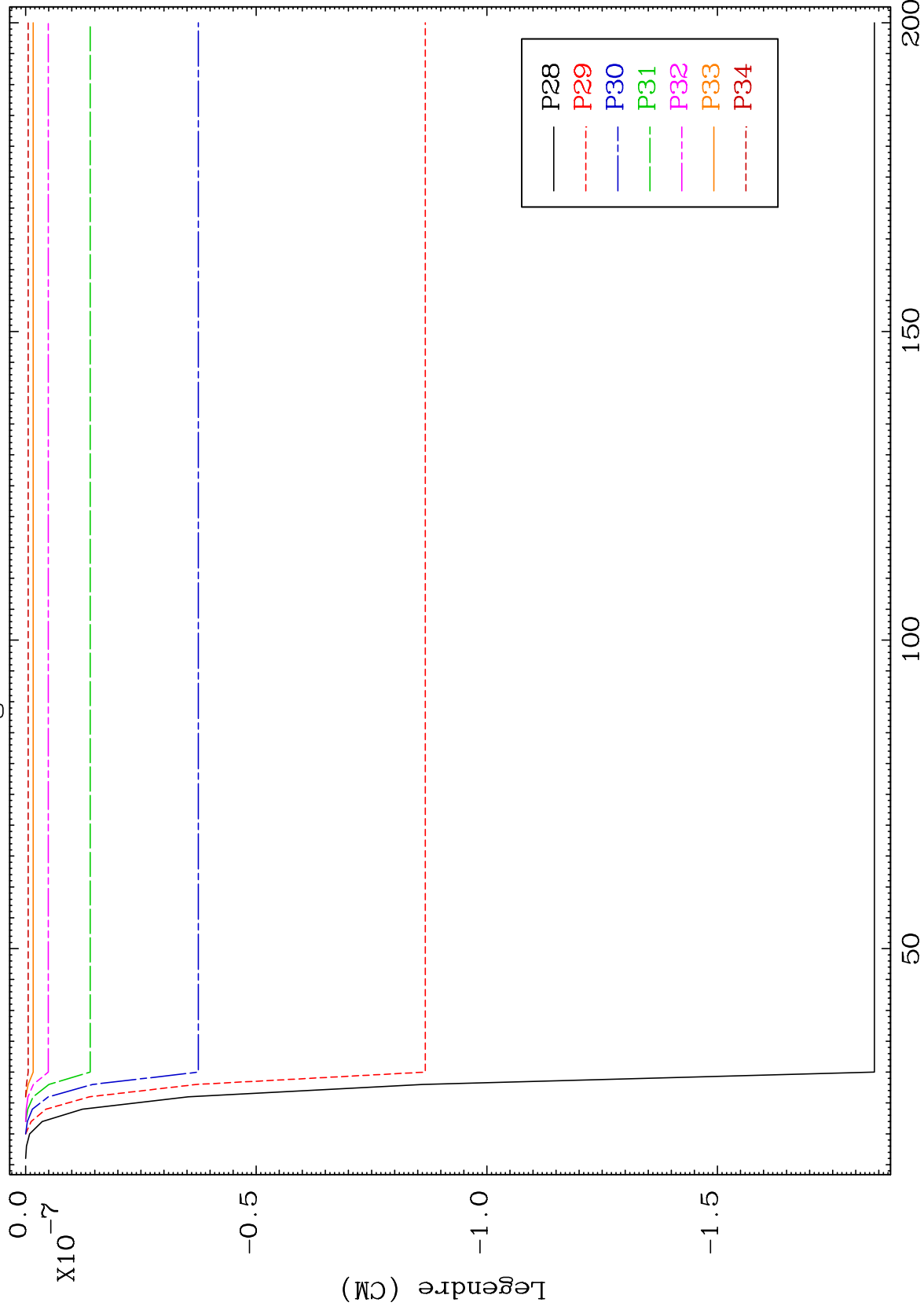
56-Ba-146

MAT 5673

MT= 72 (n,n') Level

56-Ba-146

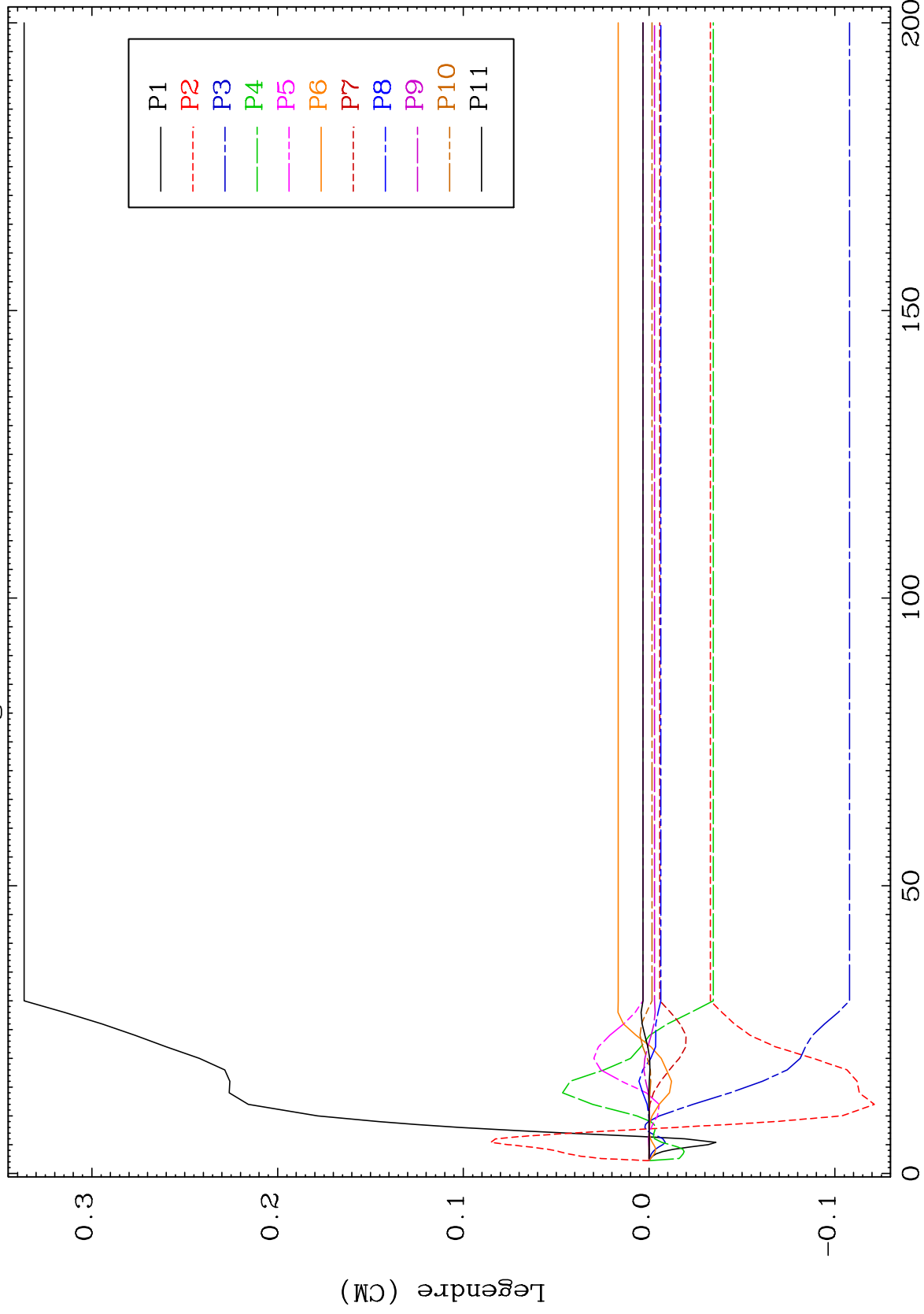
Legendre Coefficients



MAT 5673

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

56-Ba-146



98

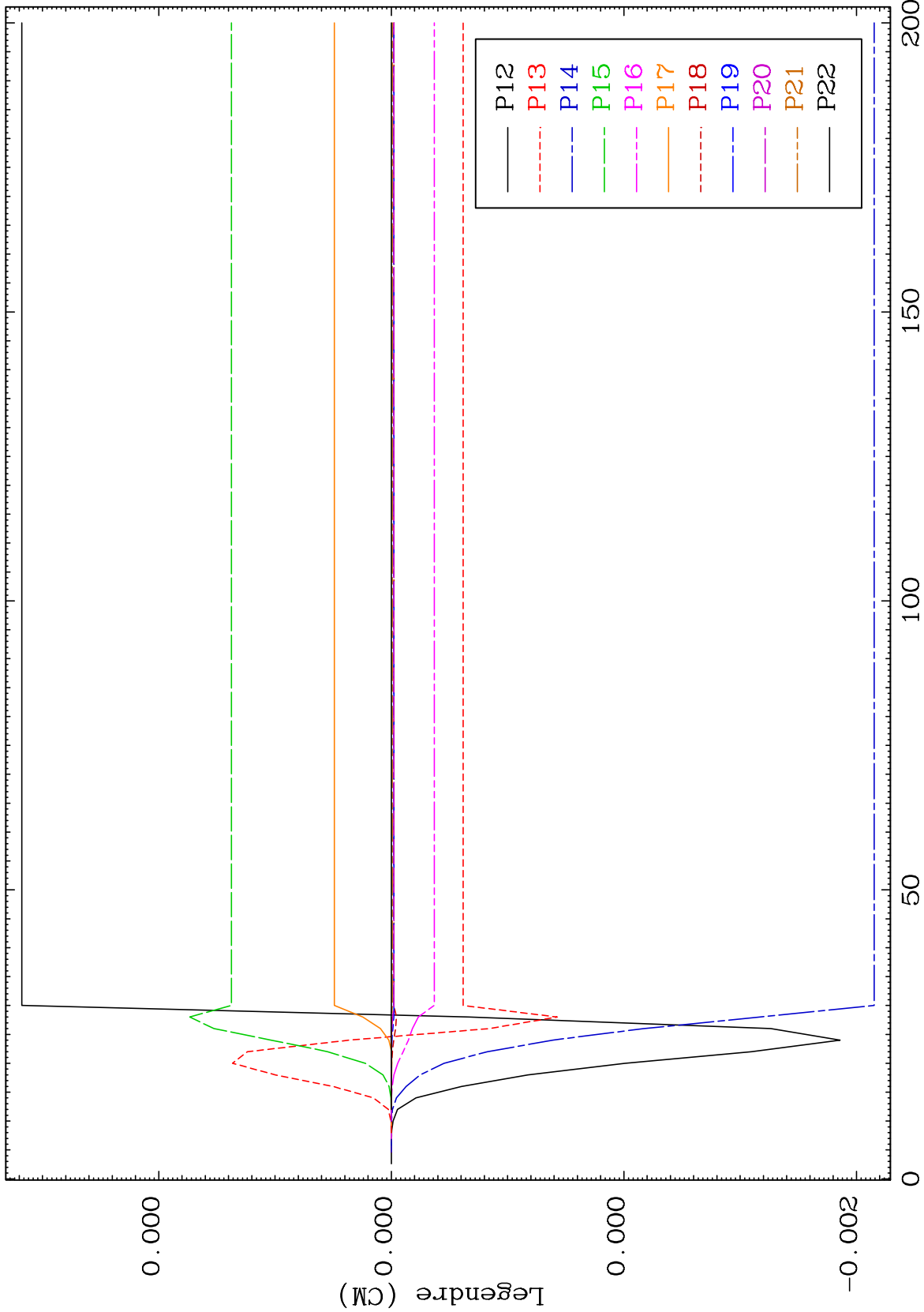
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



99

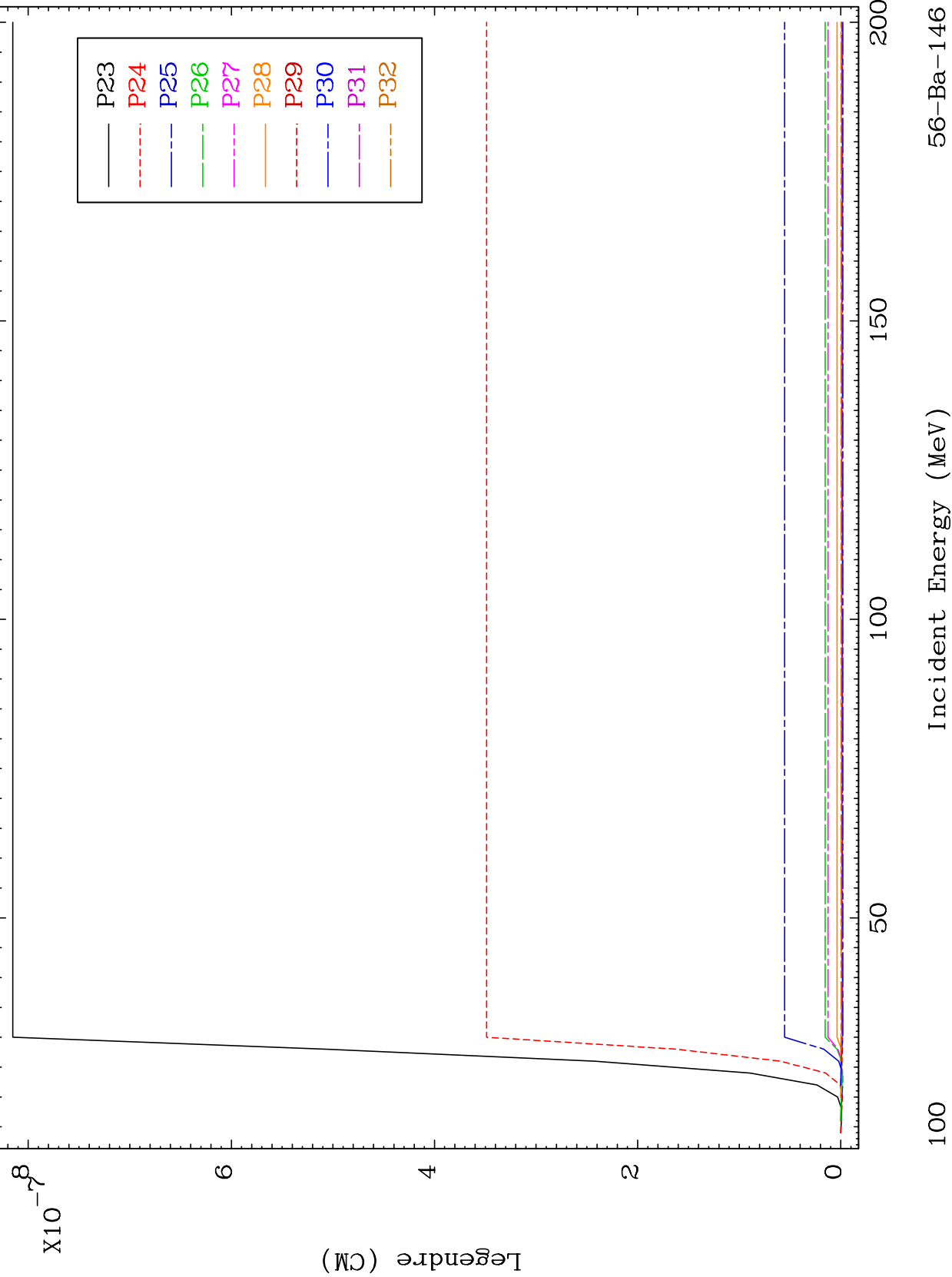
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146

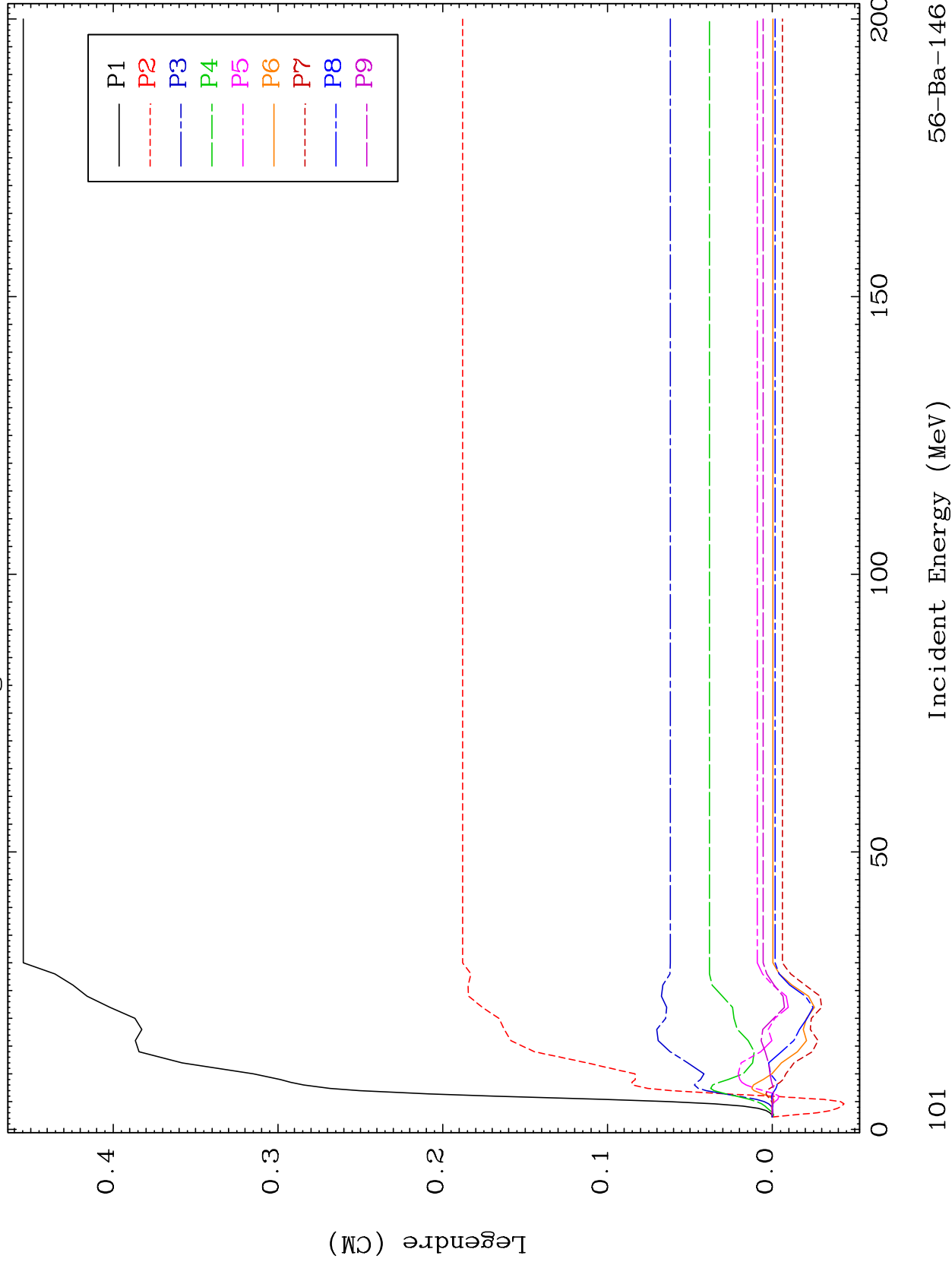


56-Ba-146

MAT 5673

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

56-Ba-146



56-Ba-146

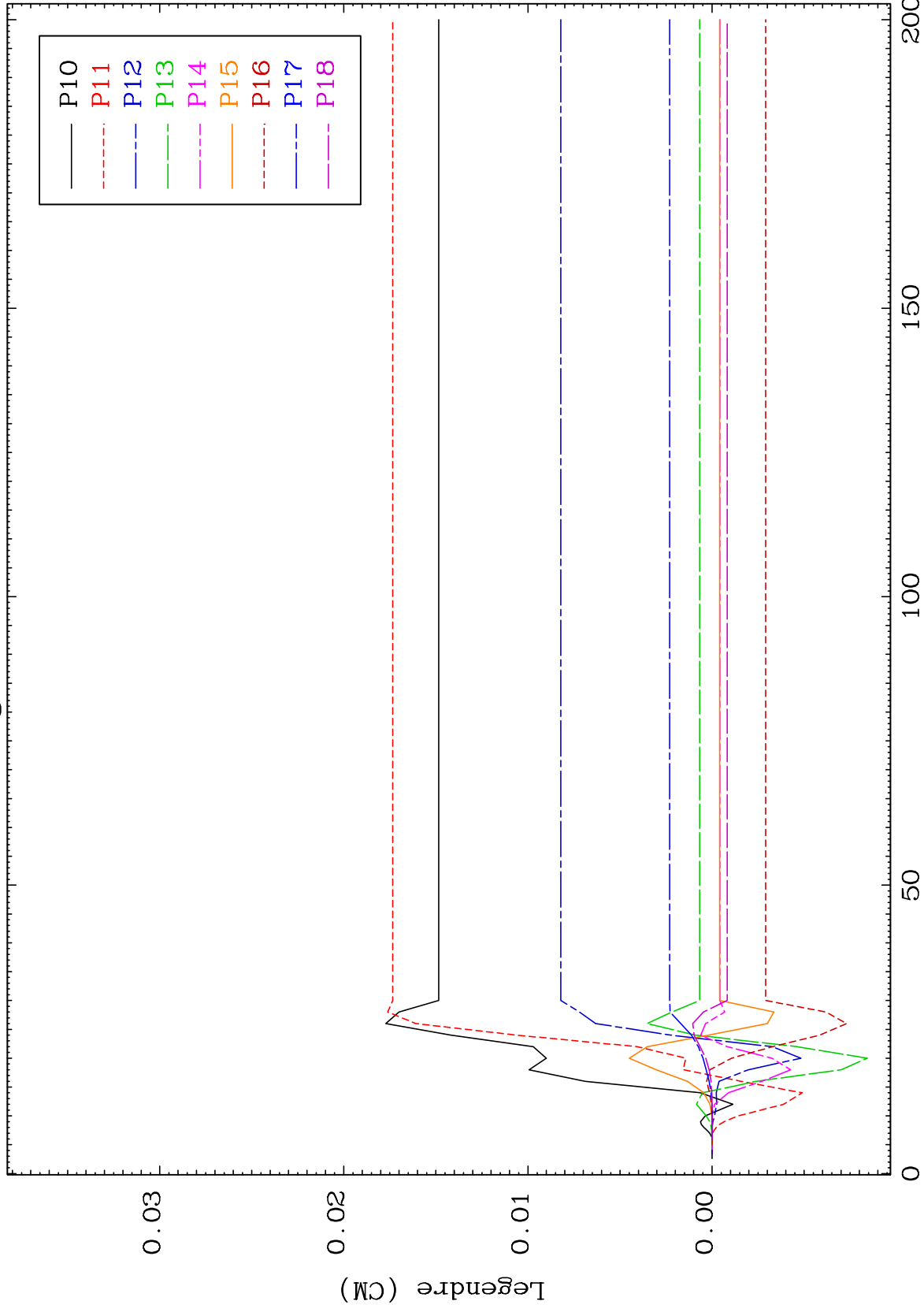
Incident Energy (MeV)

101

MAT 5673

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

56-Ba-146



56-Ba-146

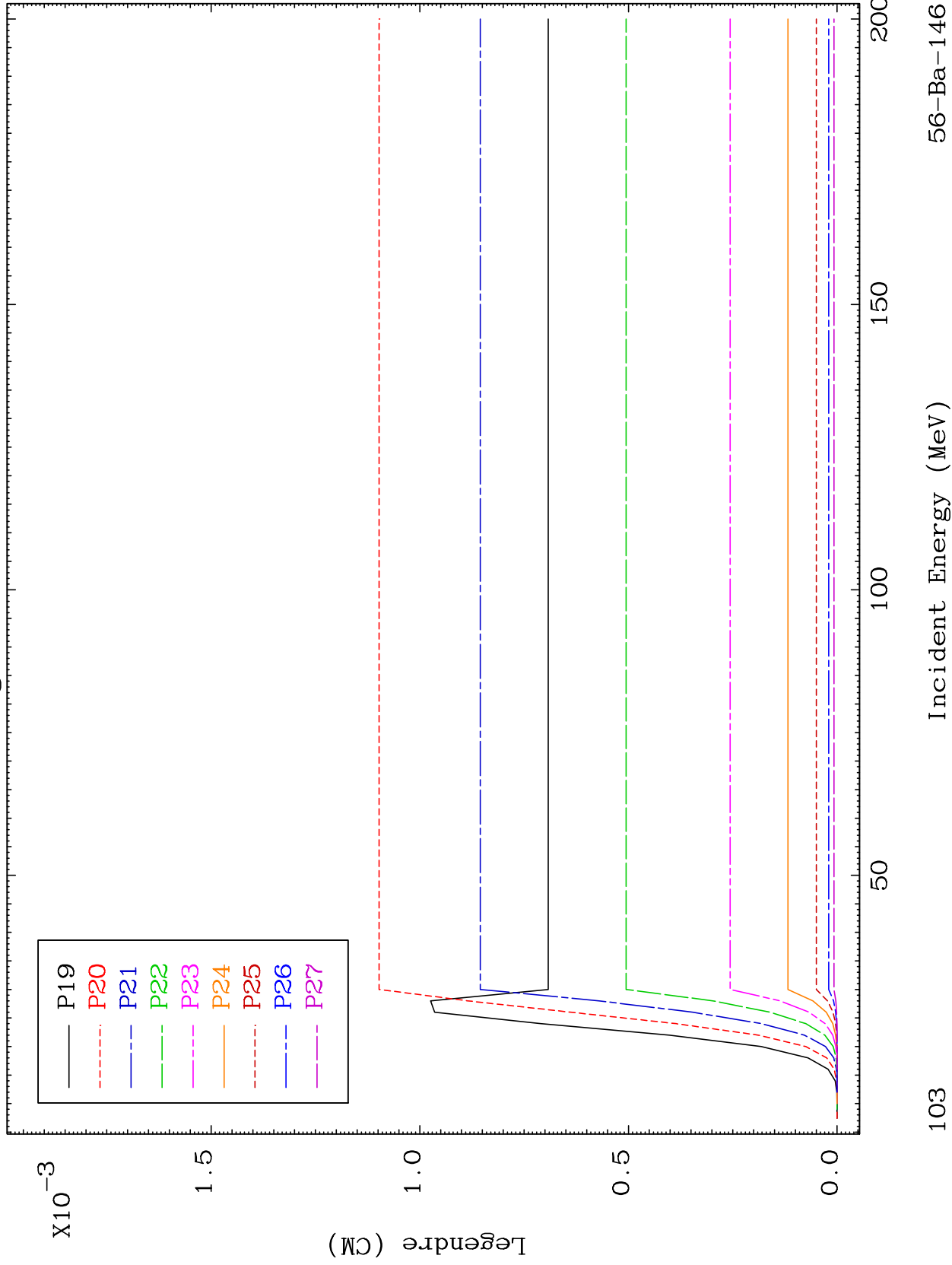
Incident Energy (MeV)

102

MAT 5673

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

56-Ba-146



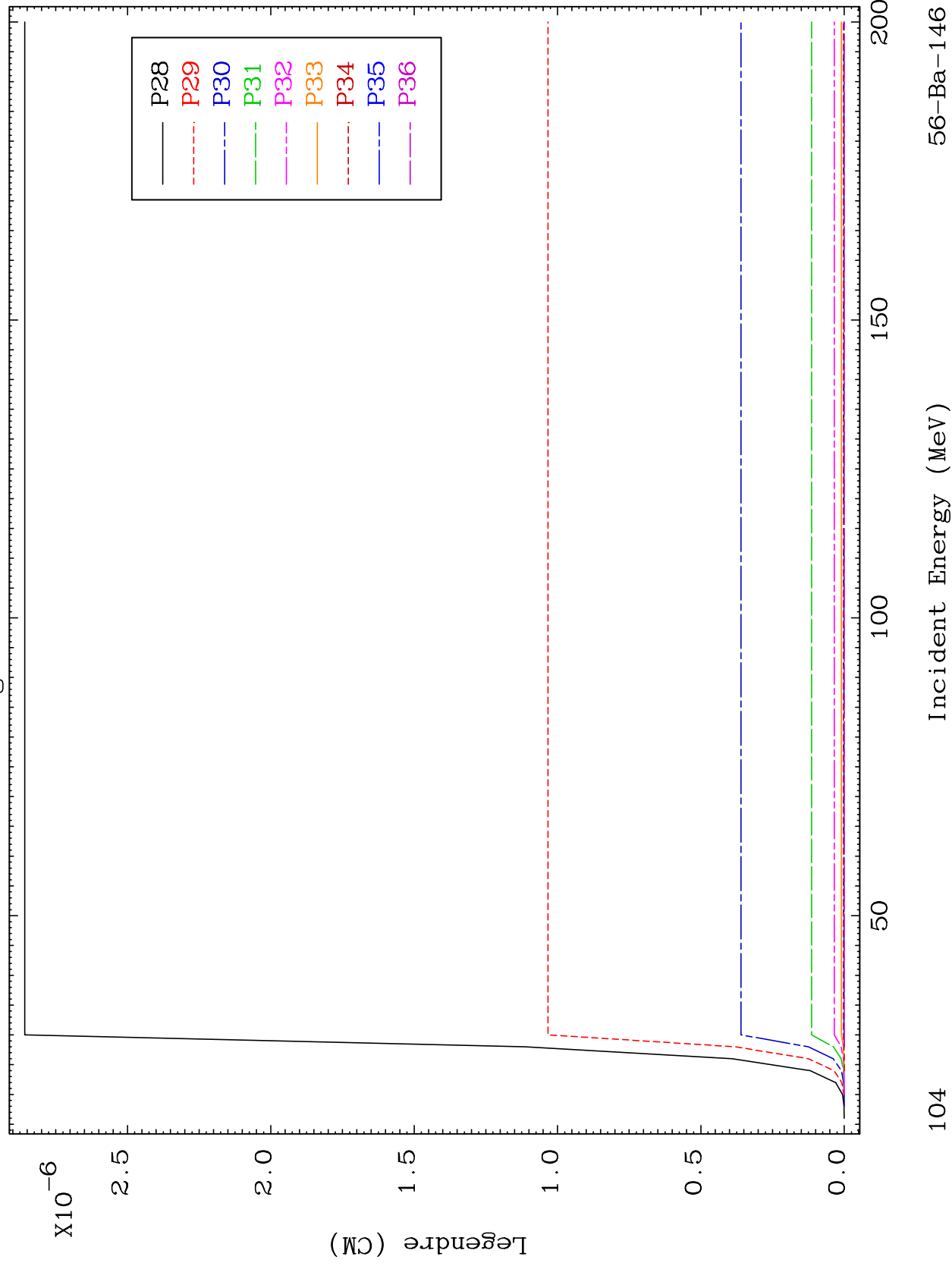
103



MAT 5673

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

56-Ba-146



104

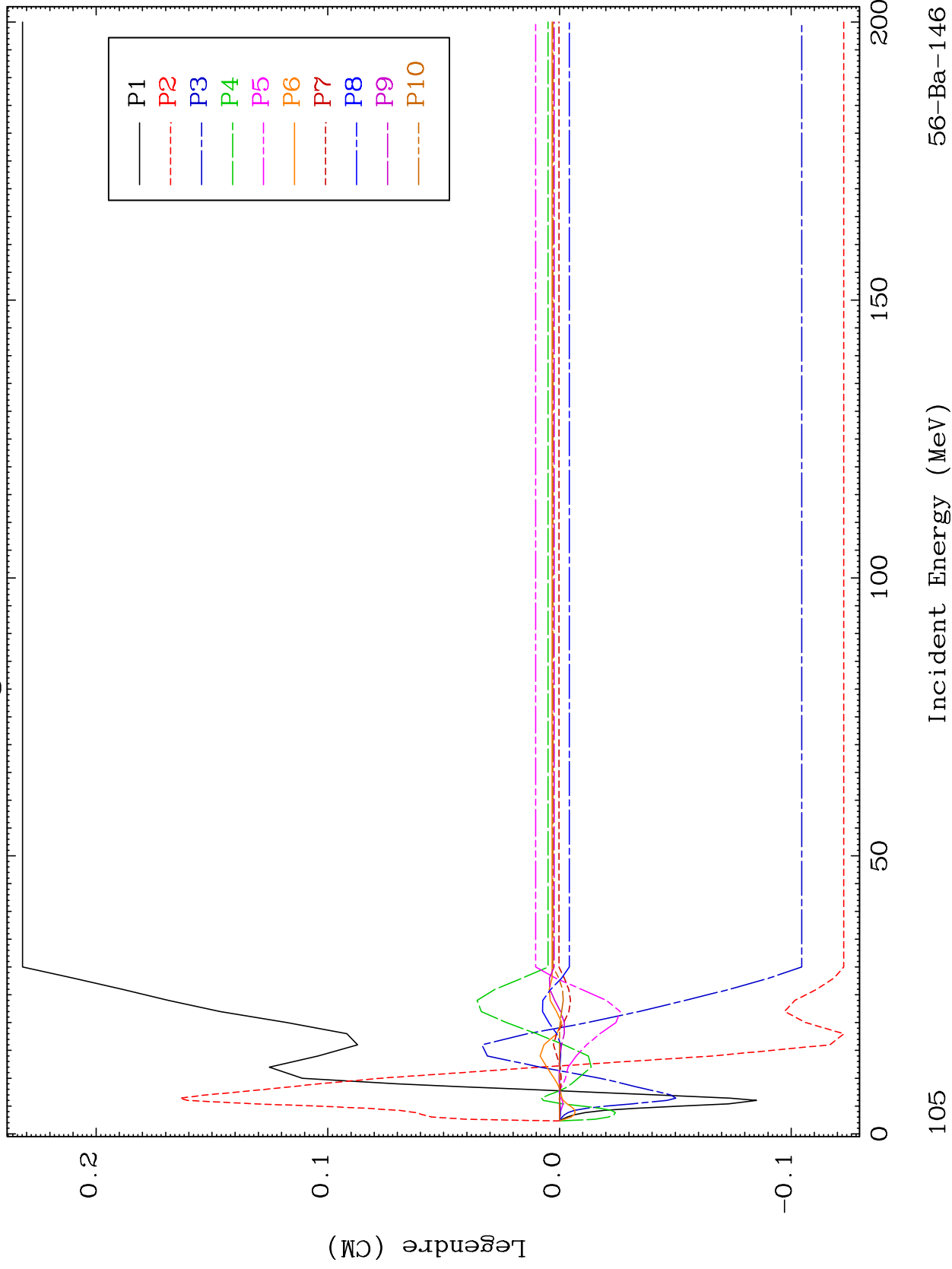
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

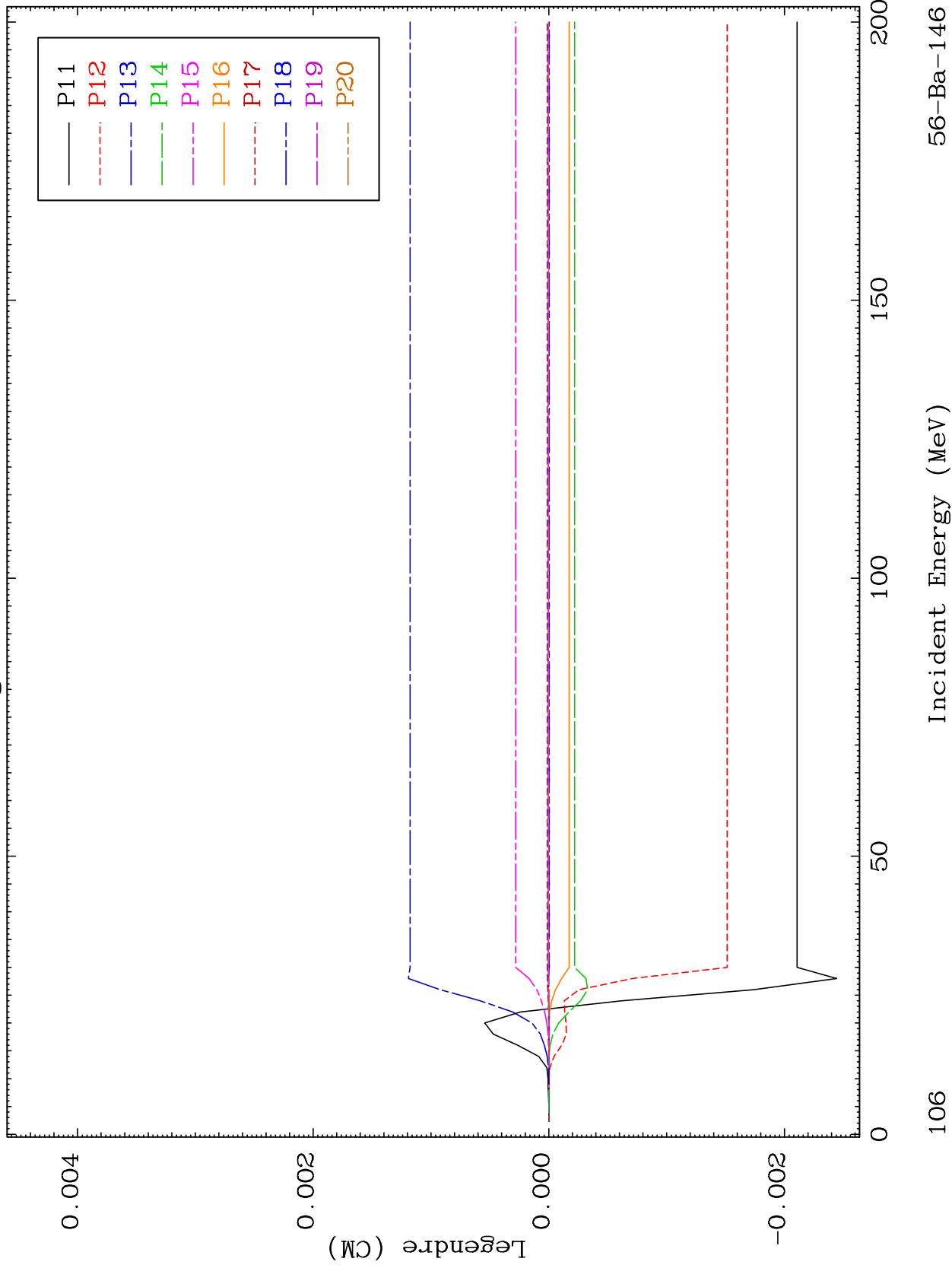
56-Ba-146



MAT 5673

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

56-Ba-146



56-Ba-146

Incident Energy (MeV)

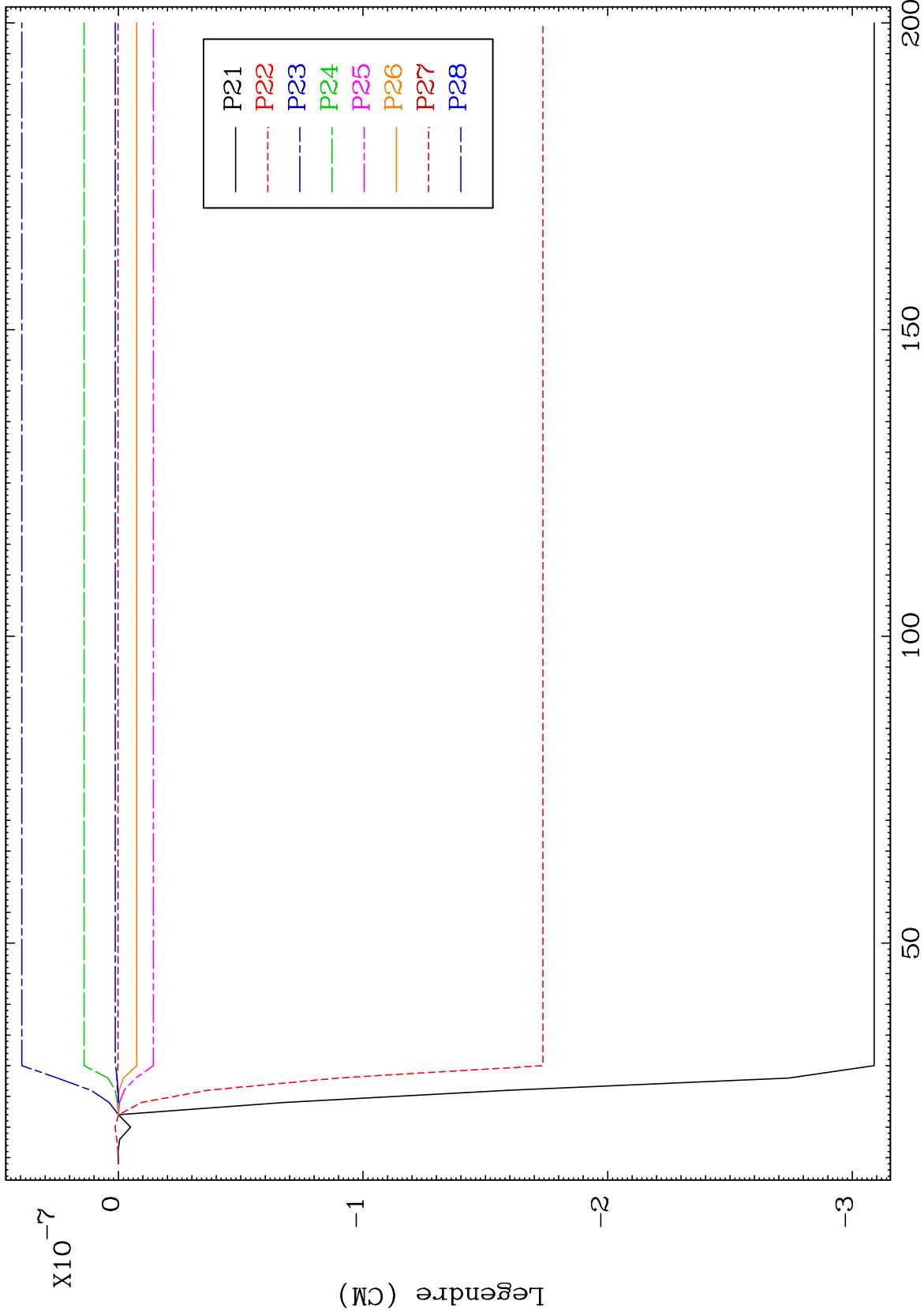
106

MAT 5673

MT= 75 (n,n') Level

56-Ba-146

Legendre Coefficients



107

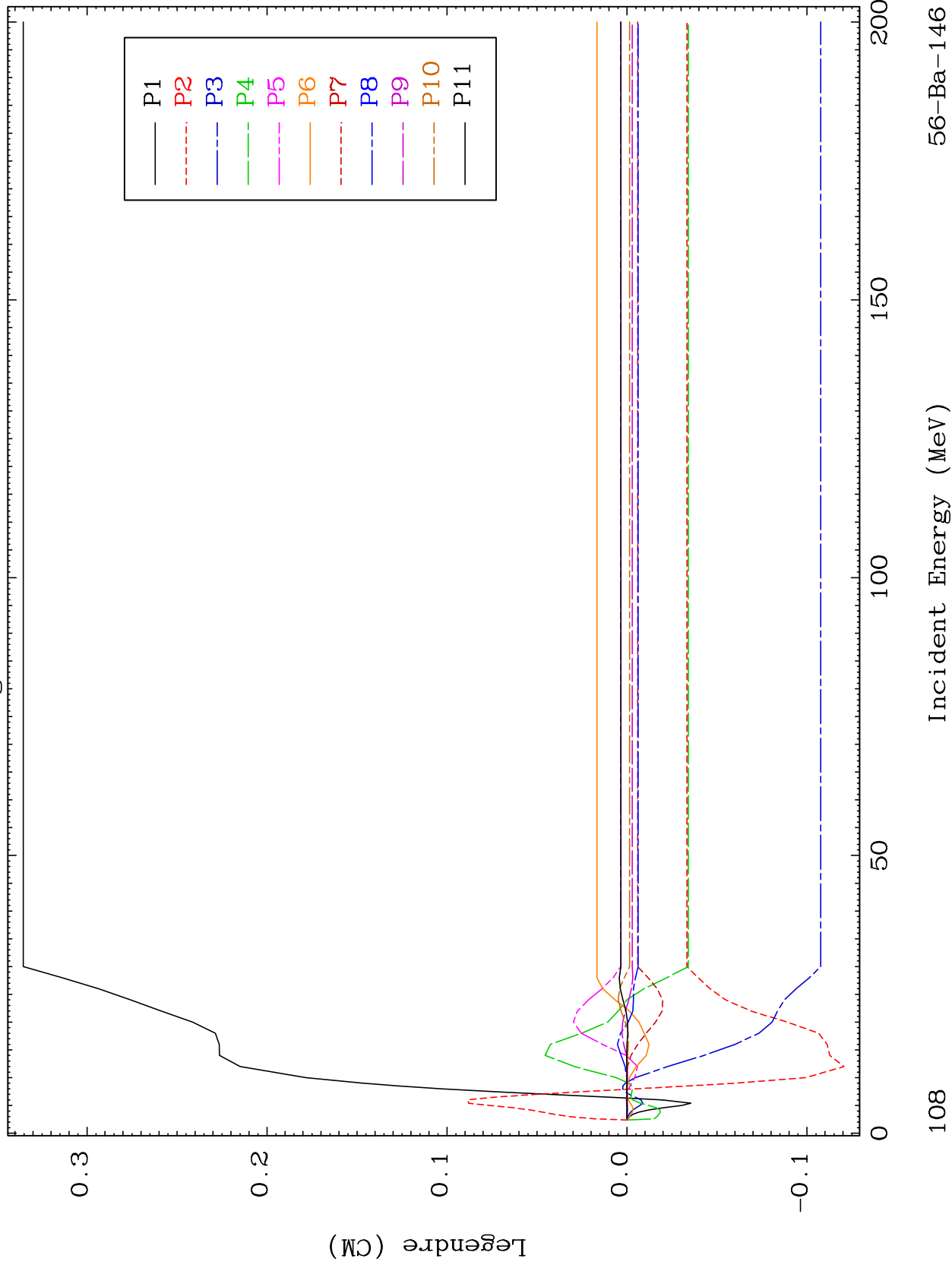
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



56-Ba-146

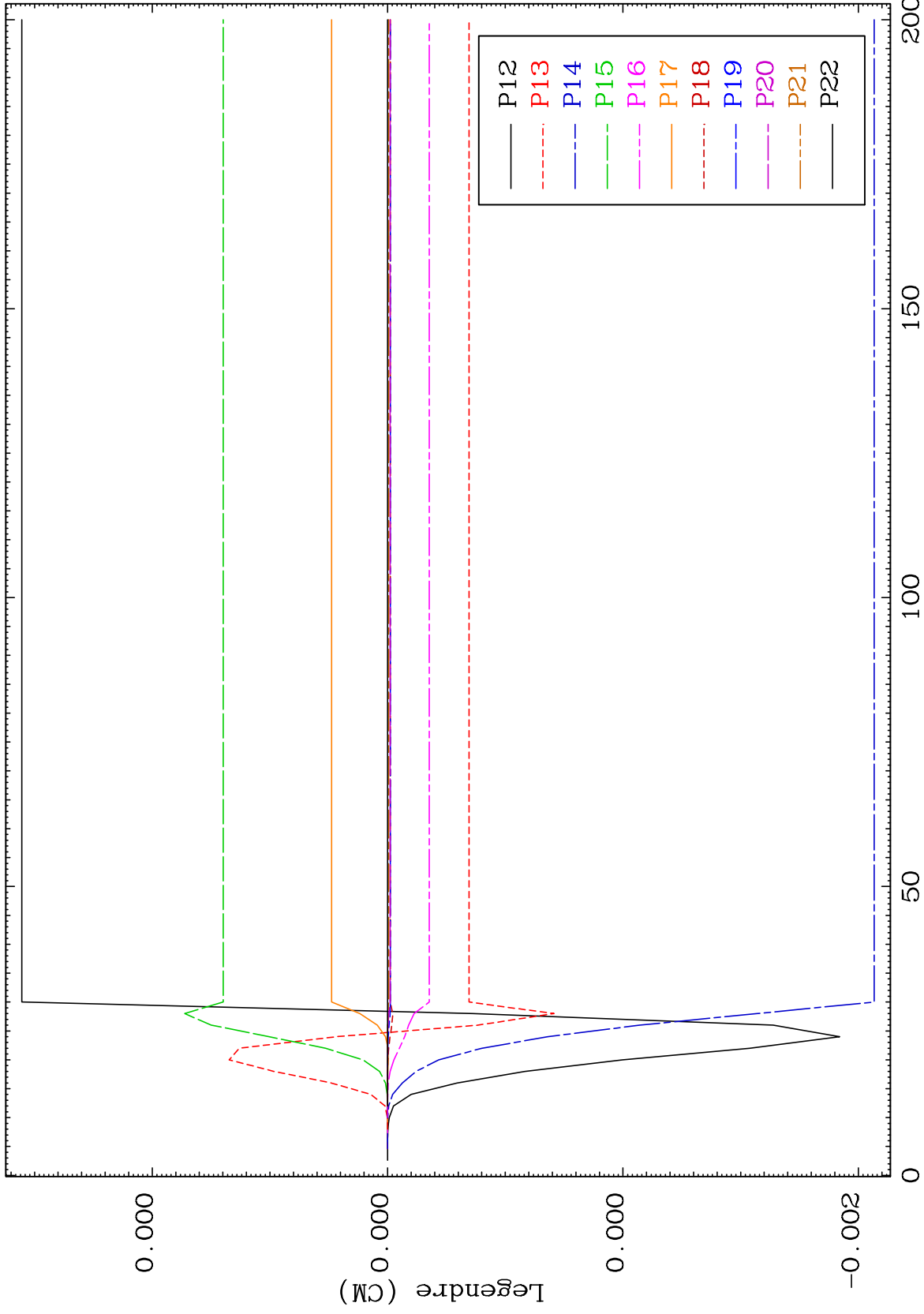
Incident Energy (MeV)

108

MAT 5673

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

56-Ba-146



109

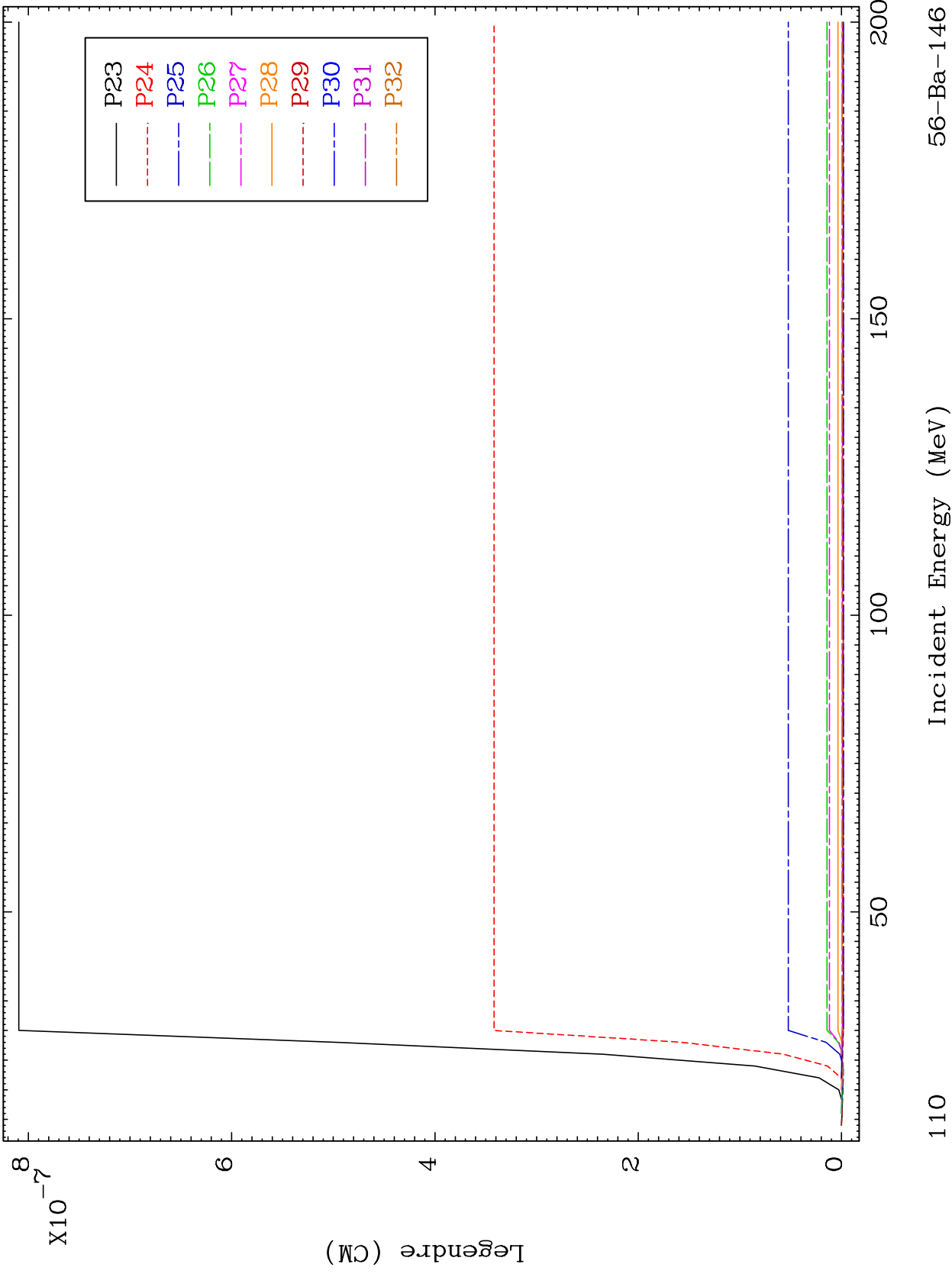
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

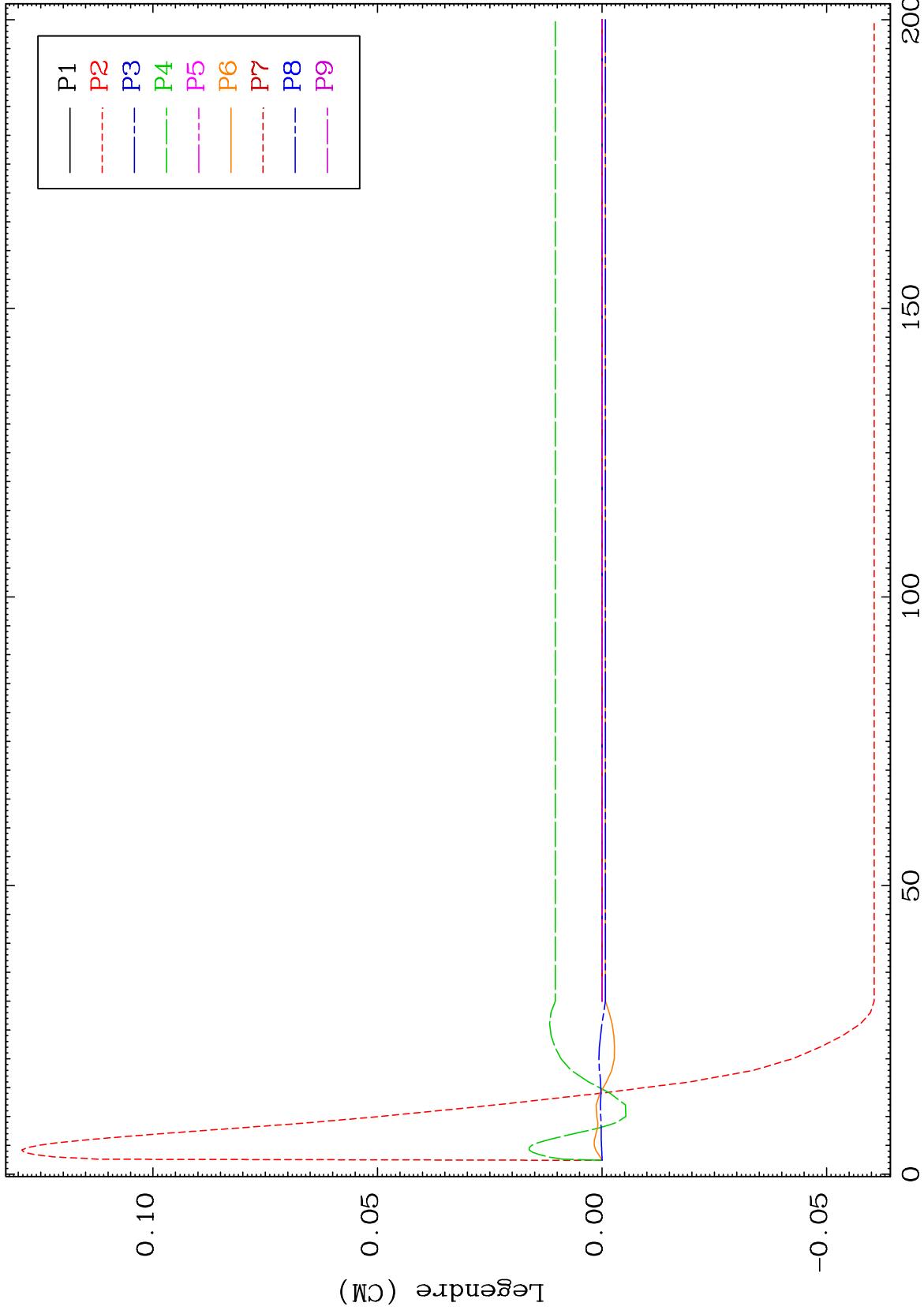
56-Ba-146



MAT 5673

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

56-Ba-146



111

Incident Energy (MeV)

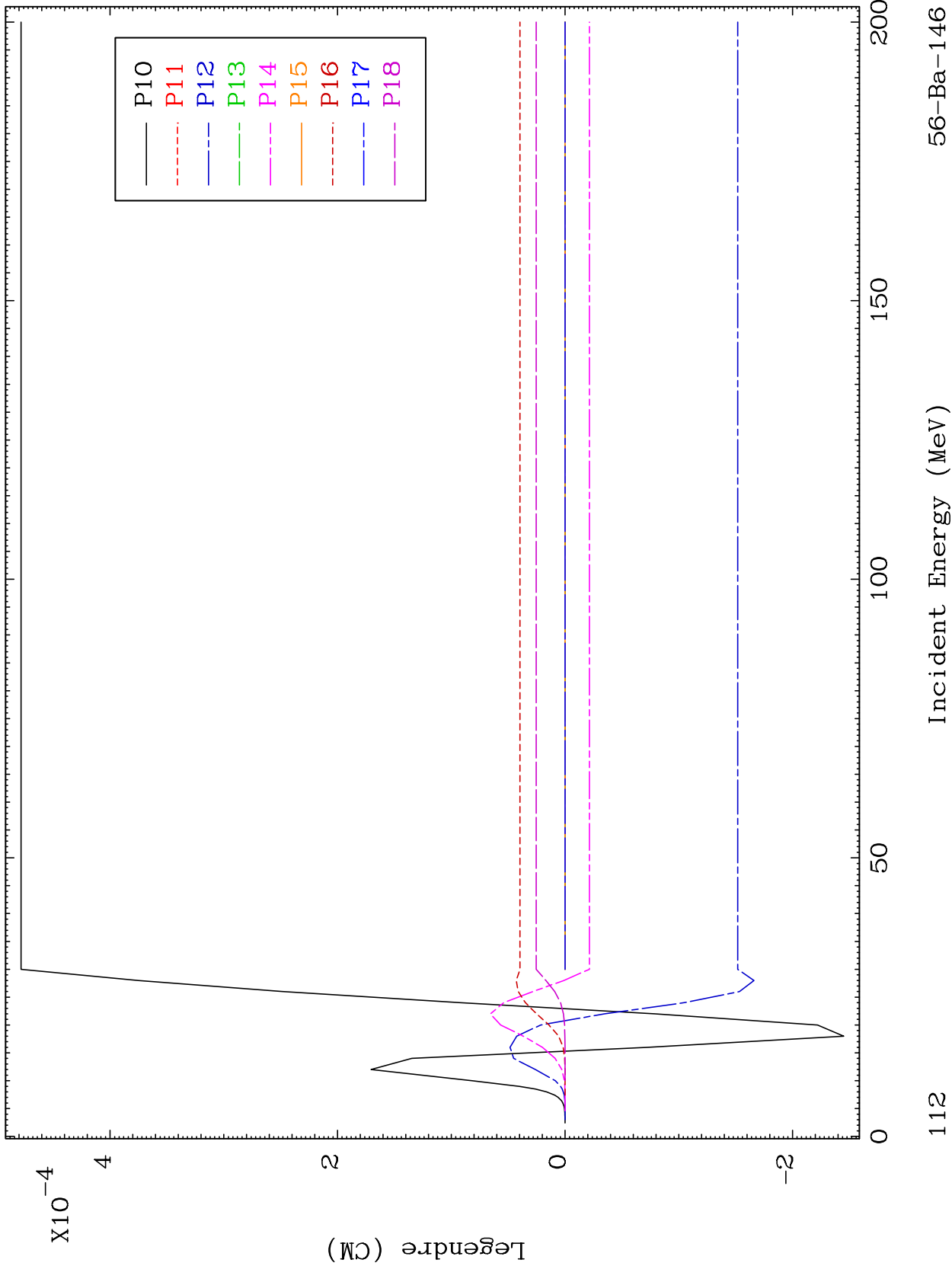
56-Ba-146



MAT 5673

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

56-Ba-146



56-Ba-146

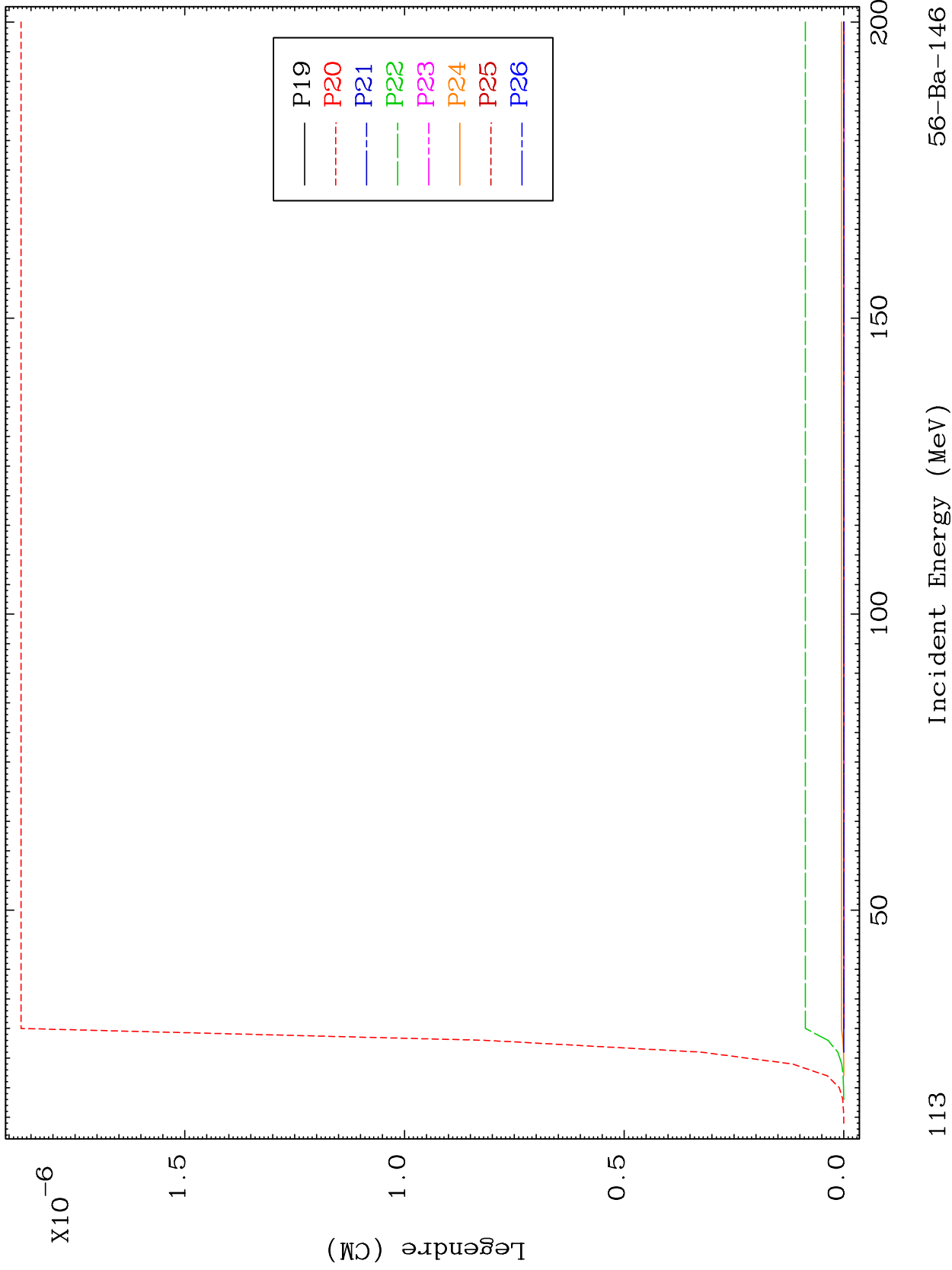
Incident Energy (MeV)

112

MAT 5673

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

56-Ba-146



113

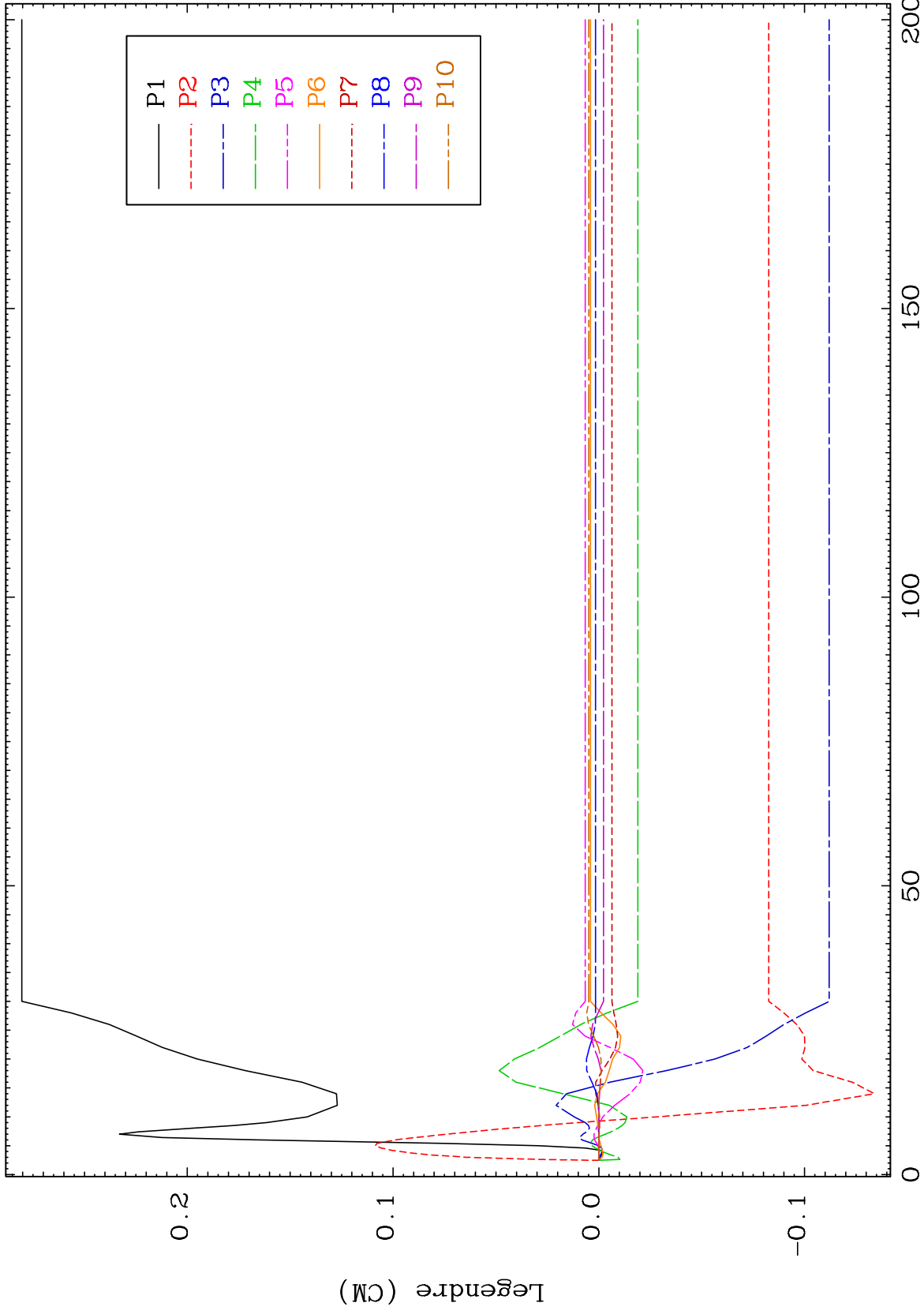
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



114

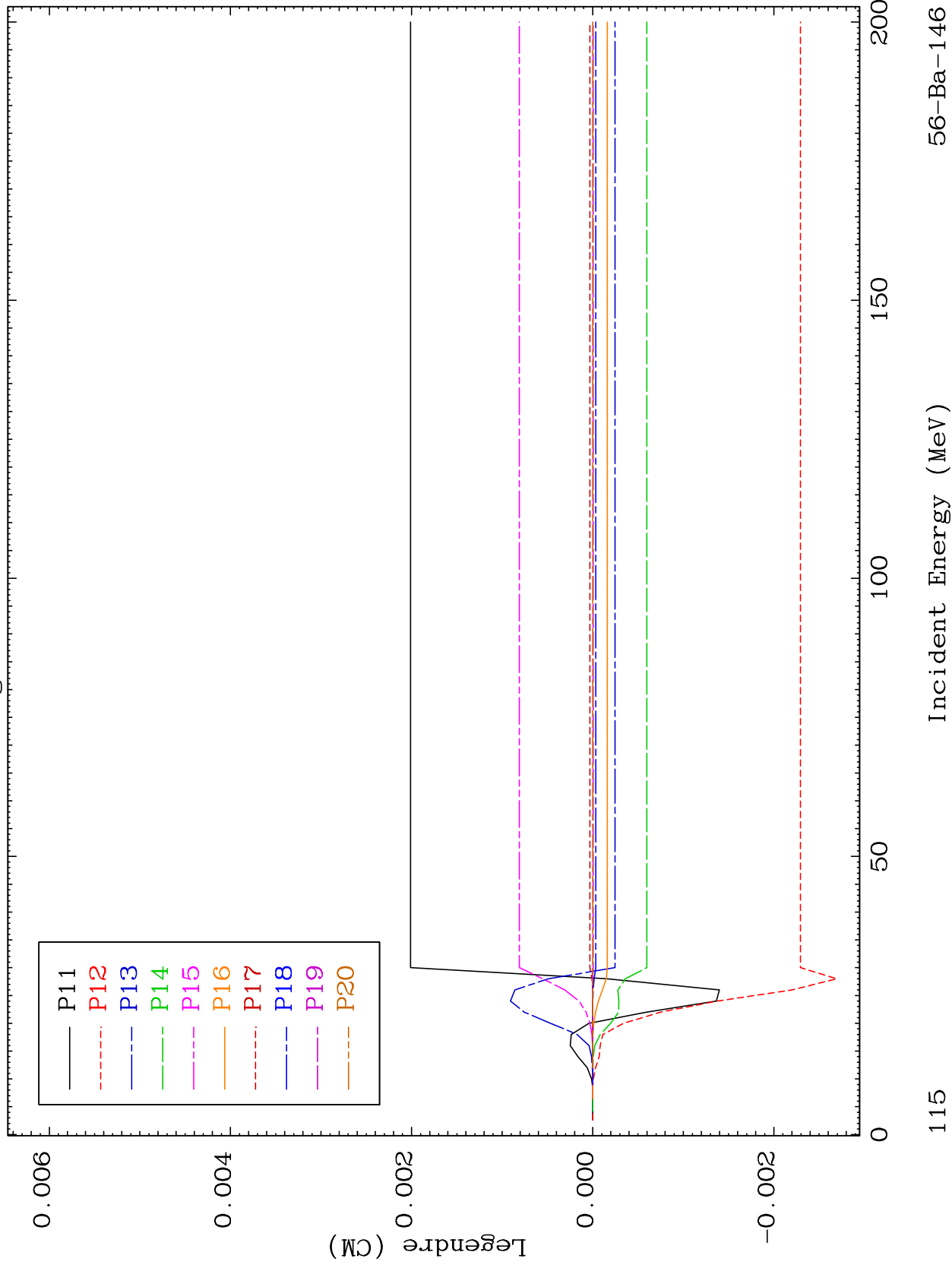
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



56-Ba-146

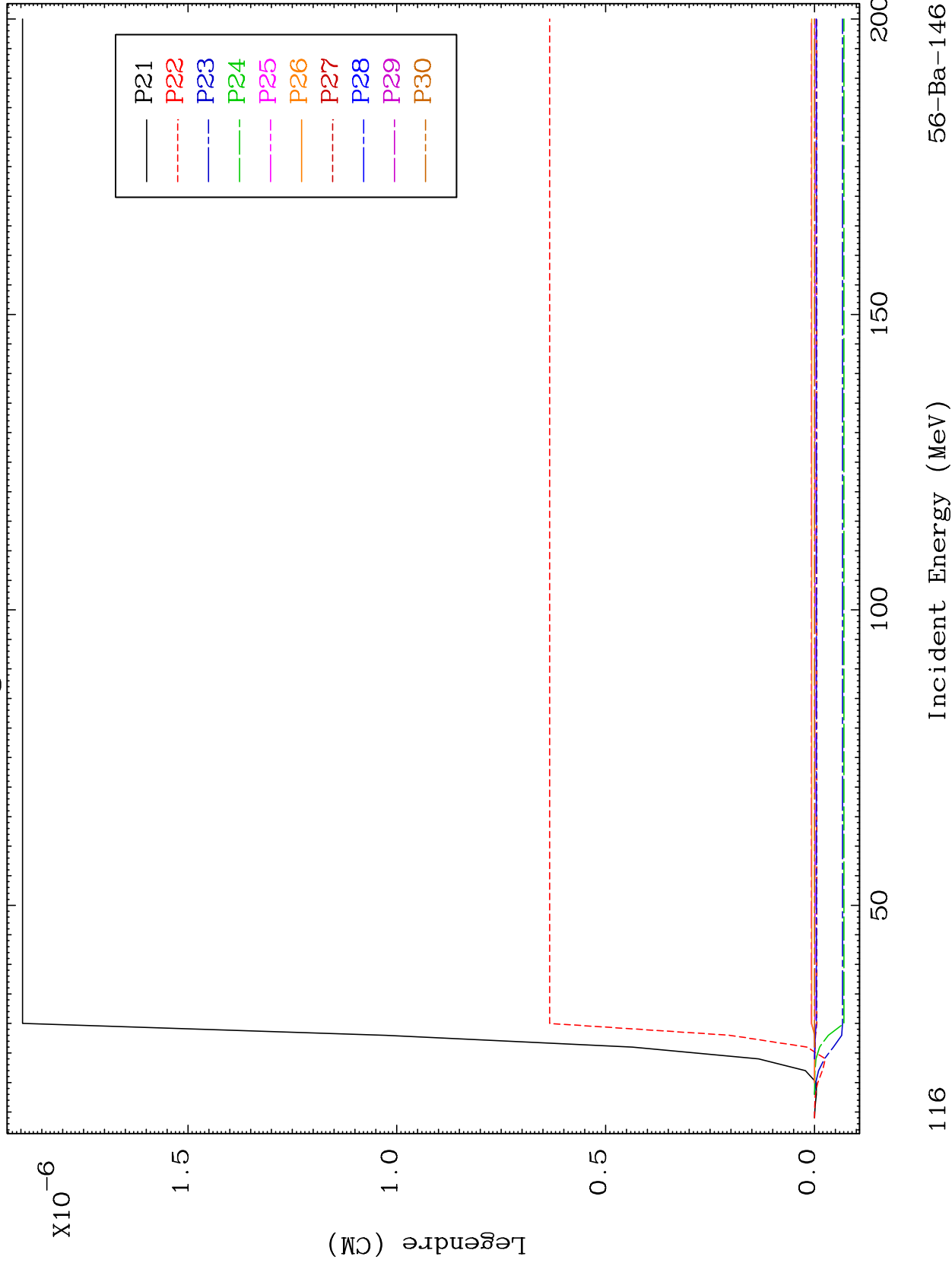
Incident Energy (MeV)

115

MAT 5673

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

56-Ba-146



116

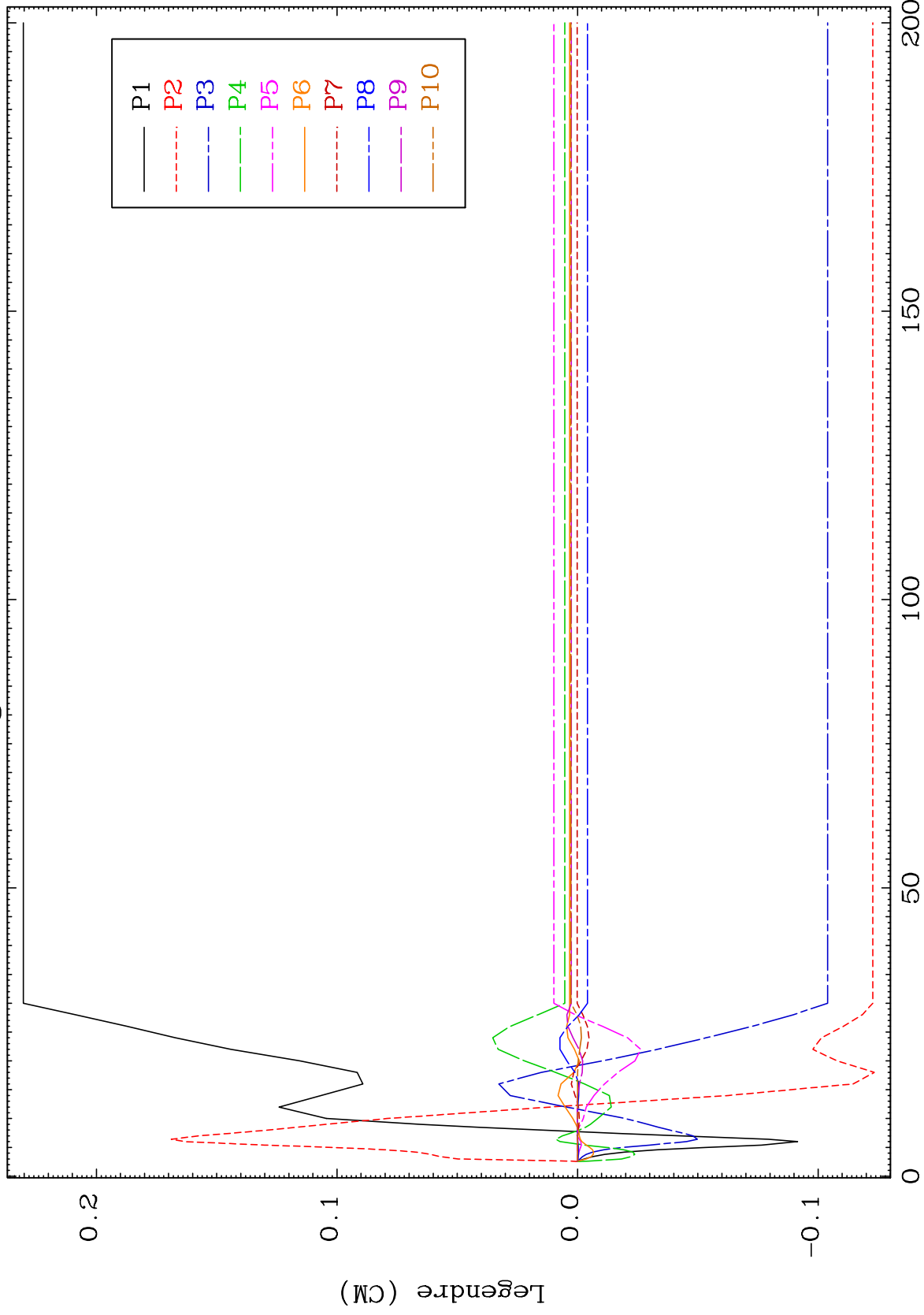
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



117

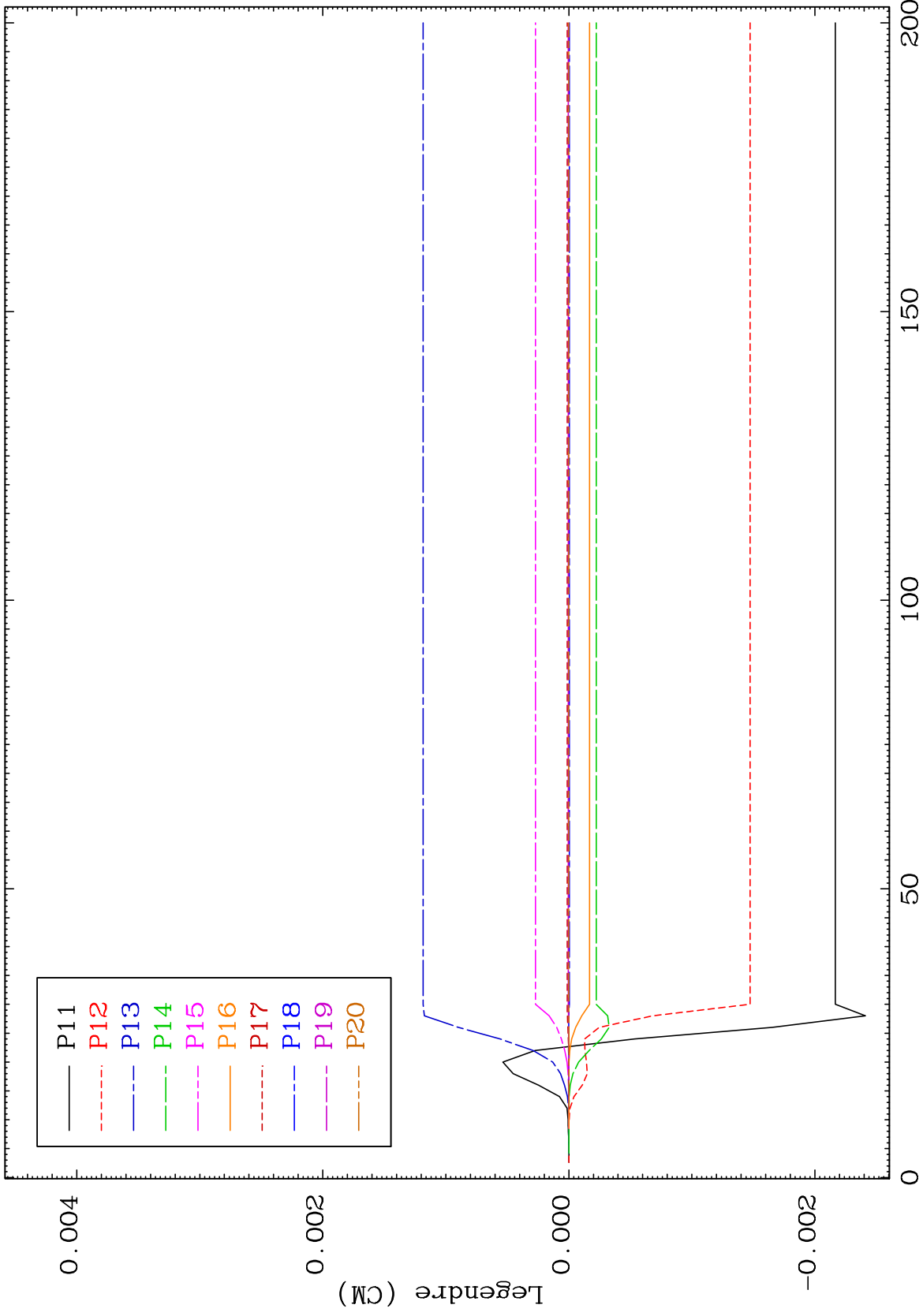
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146



118

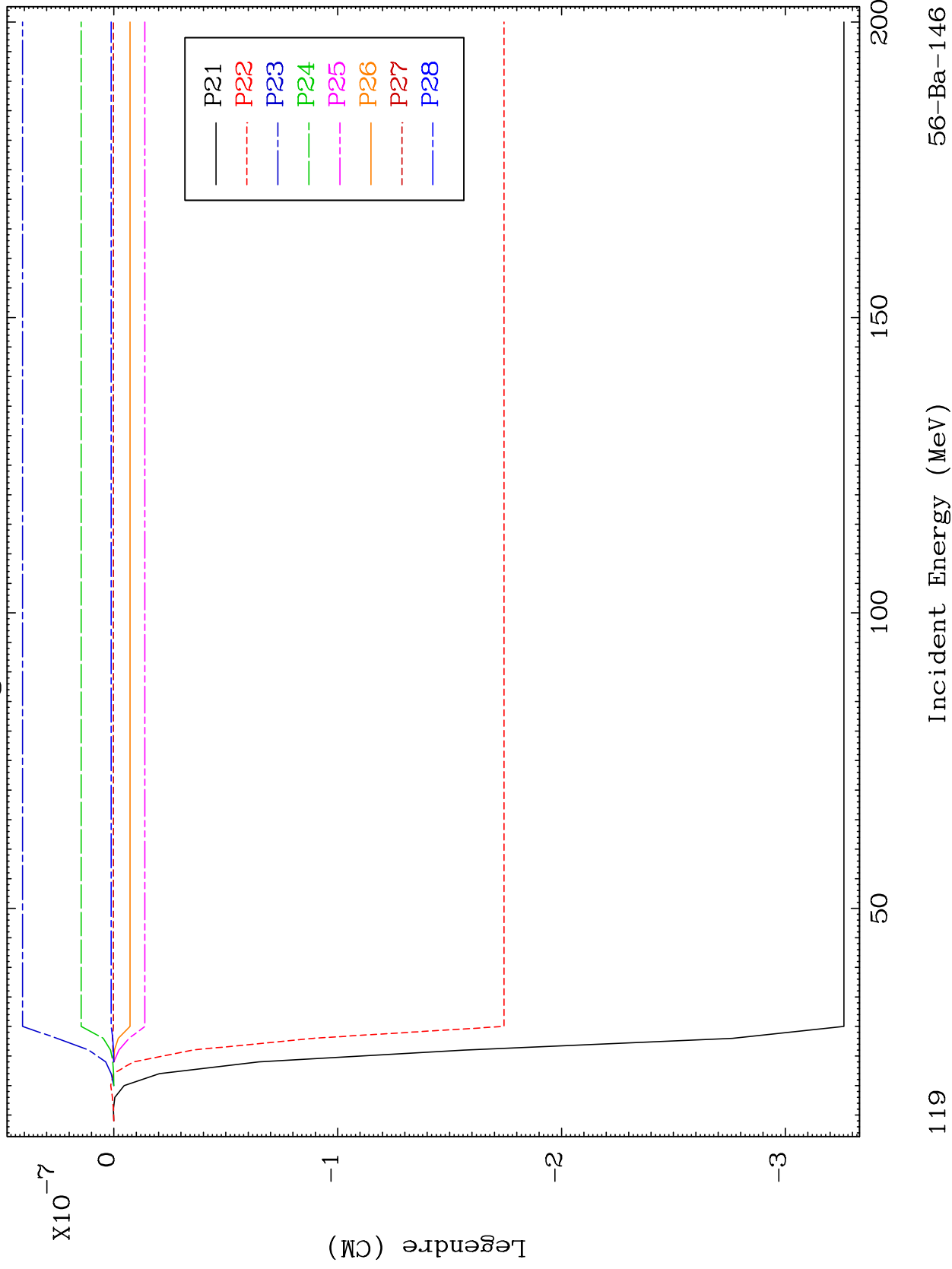
Incident Energy (MeV)

56-Ba-146

MAT 5673

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

56-Ba-146

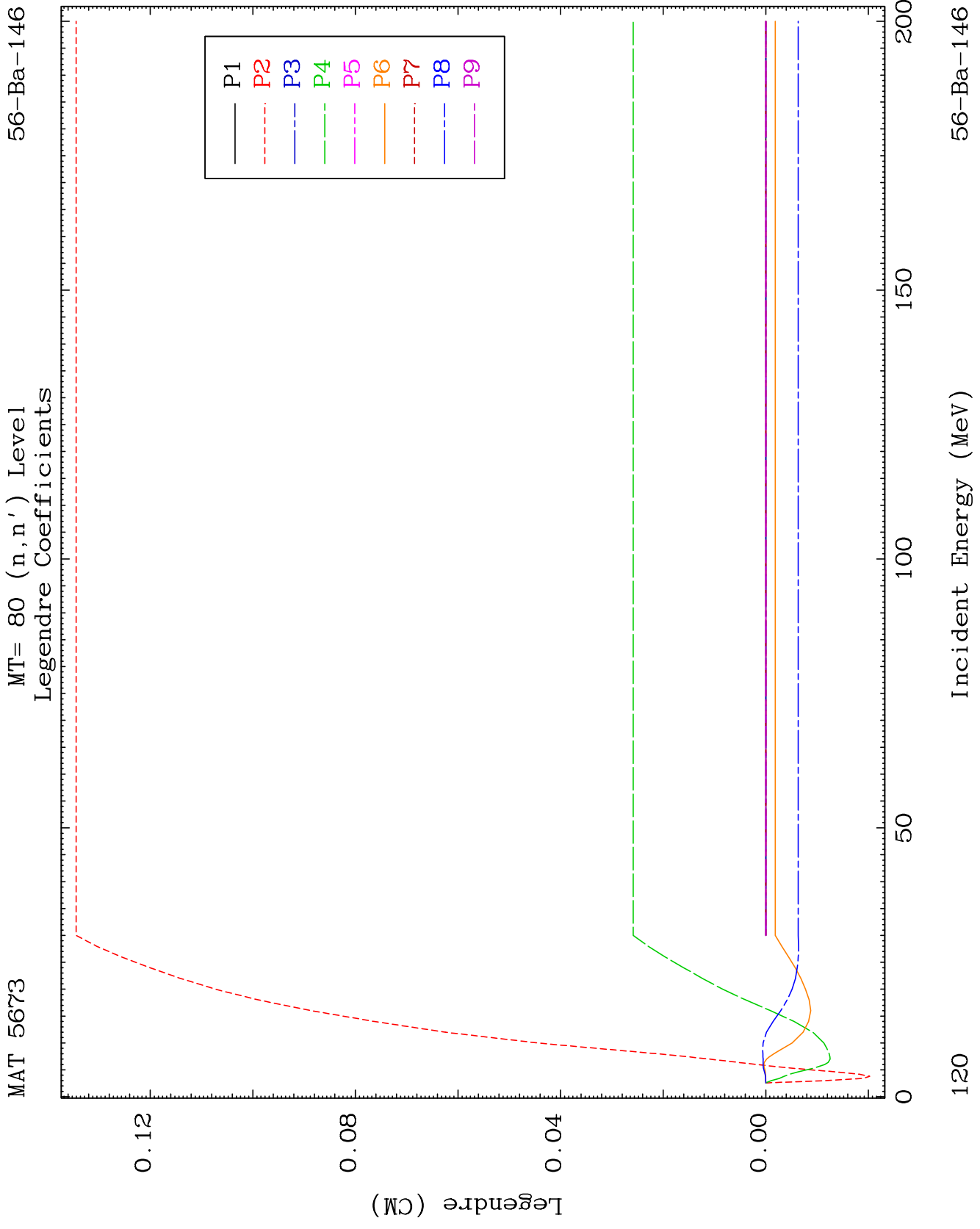


119

Incident Energy (MeV)

56-Ba-146

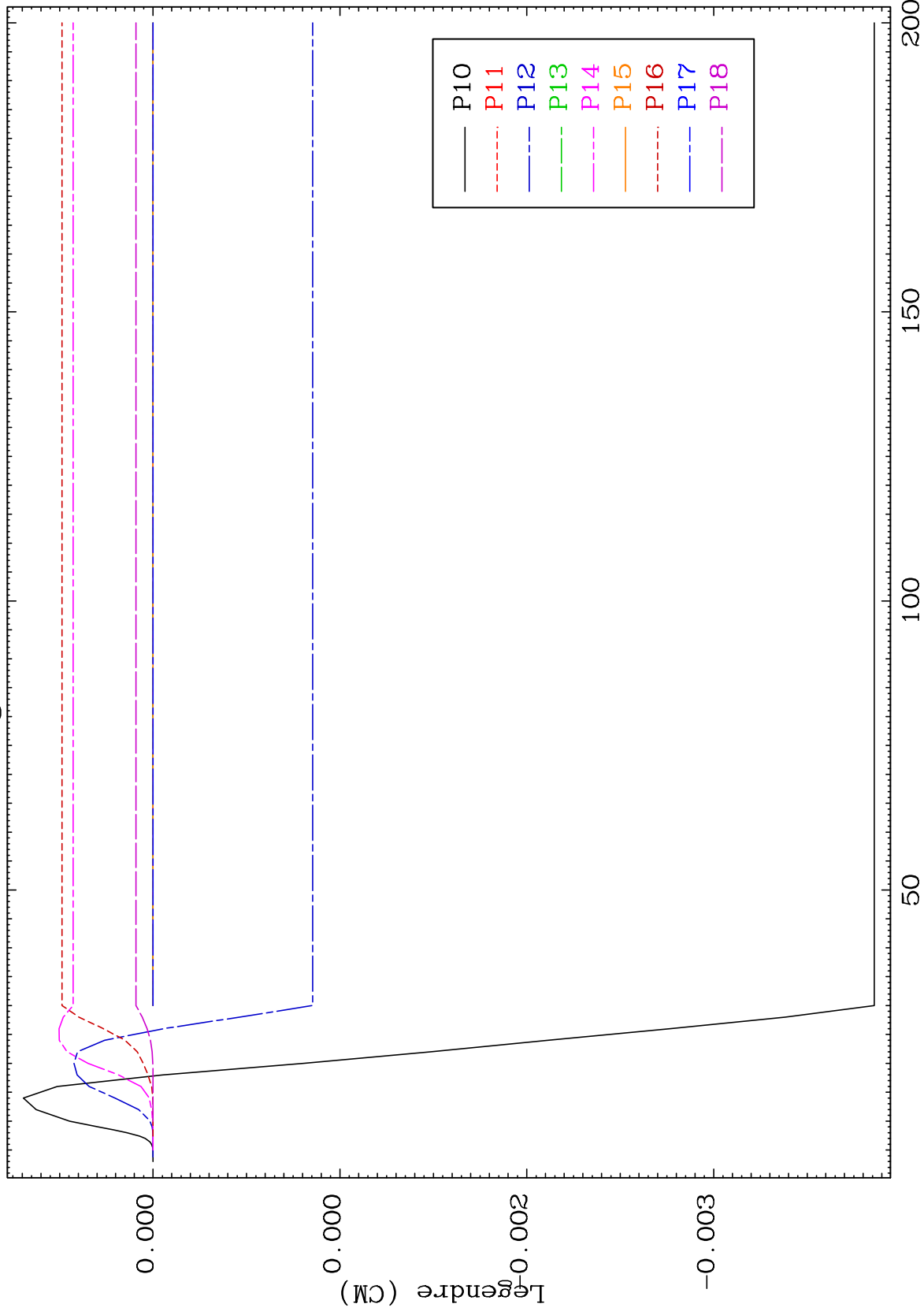




MAT 5673

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

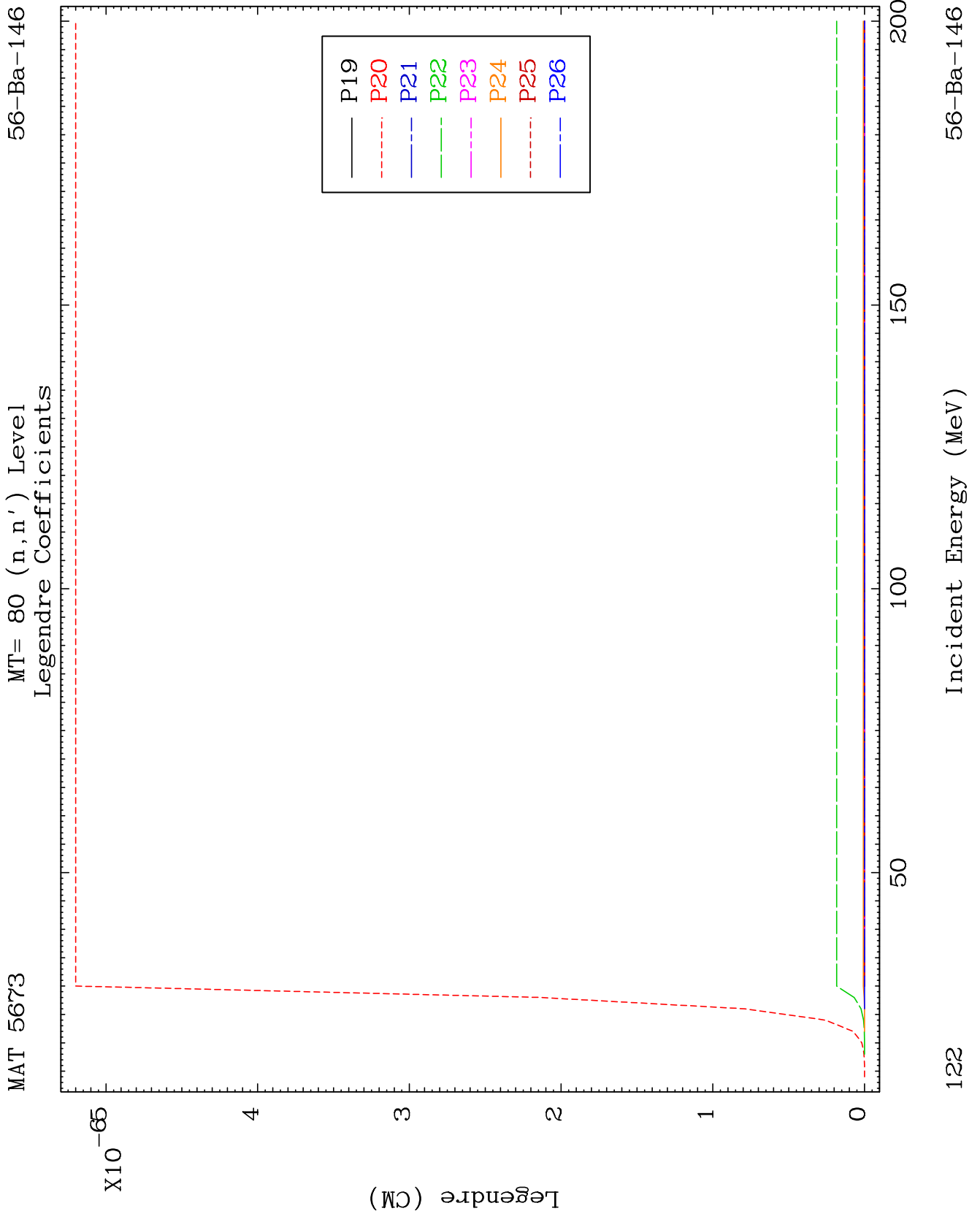
56-Ba-146



121

Incident Energy (MeV)

56-Ba-146

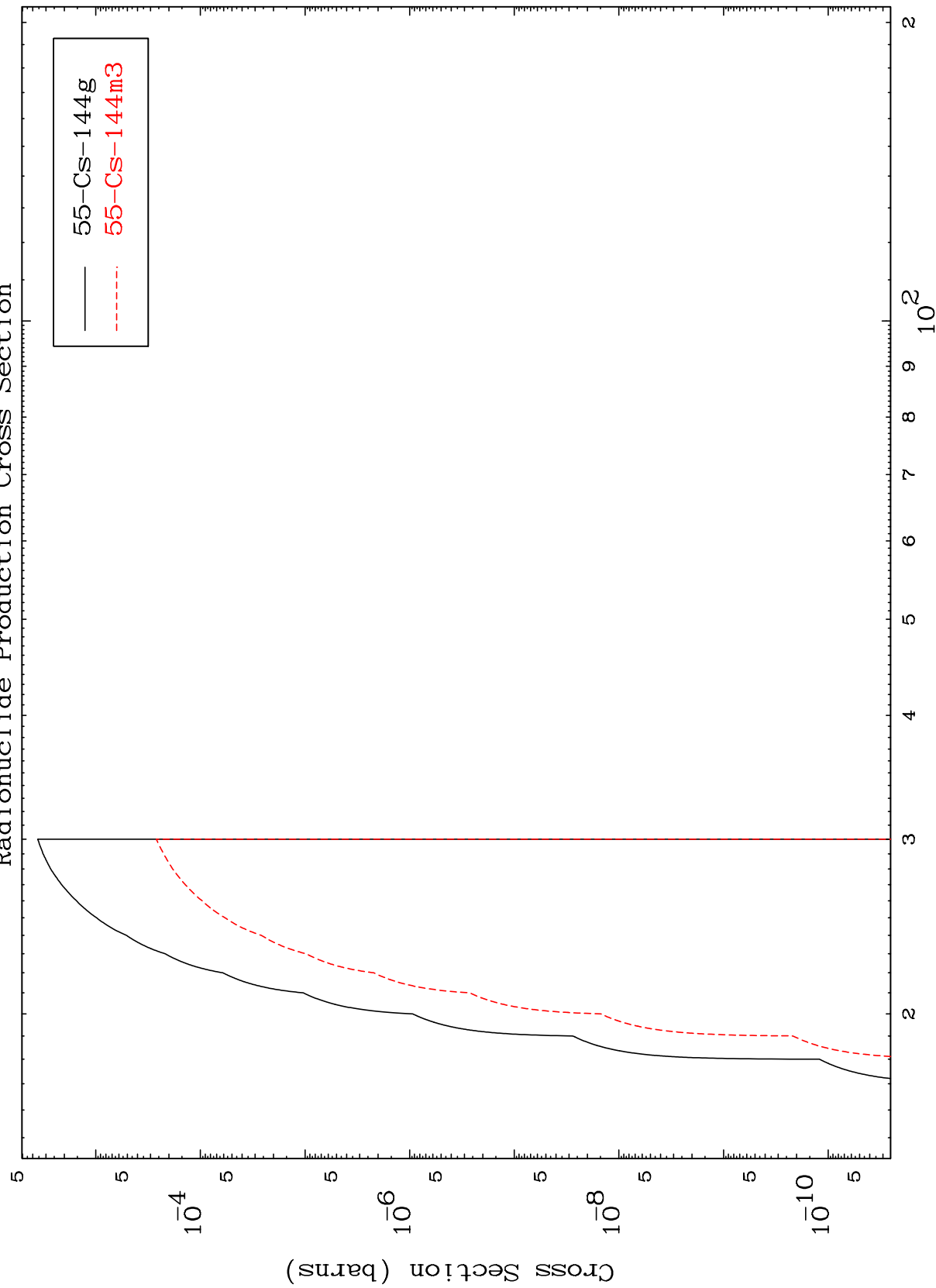


MAT 5673

(n,n') d

56-Ba-146

Radionuclide Production Cross Section



123

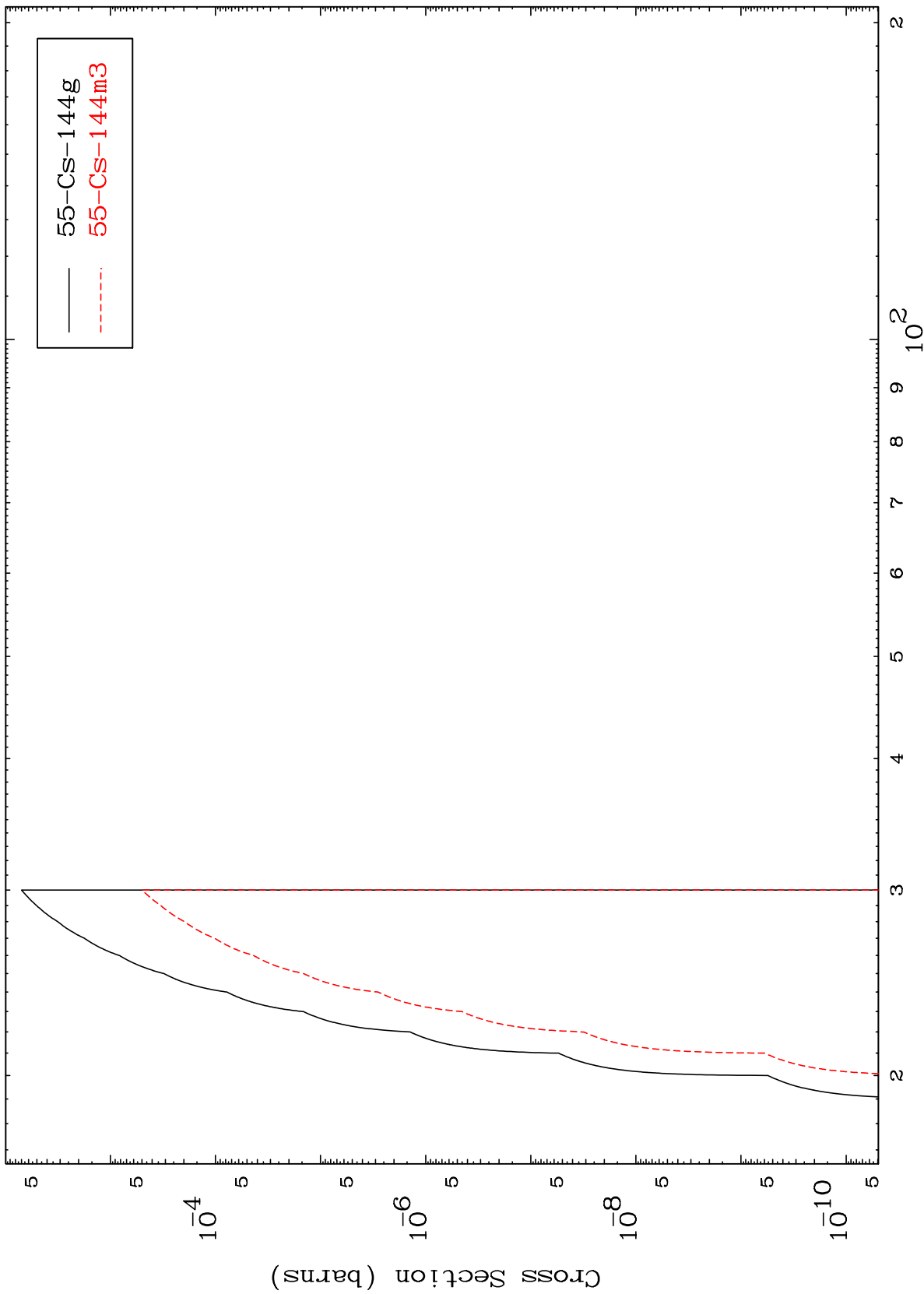
Incident Energy (MeV)

56-Ba-146

MAT 5673

56-Ba-146

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



124

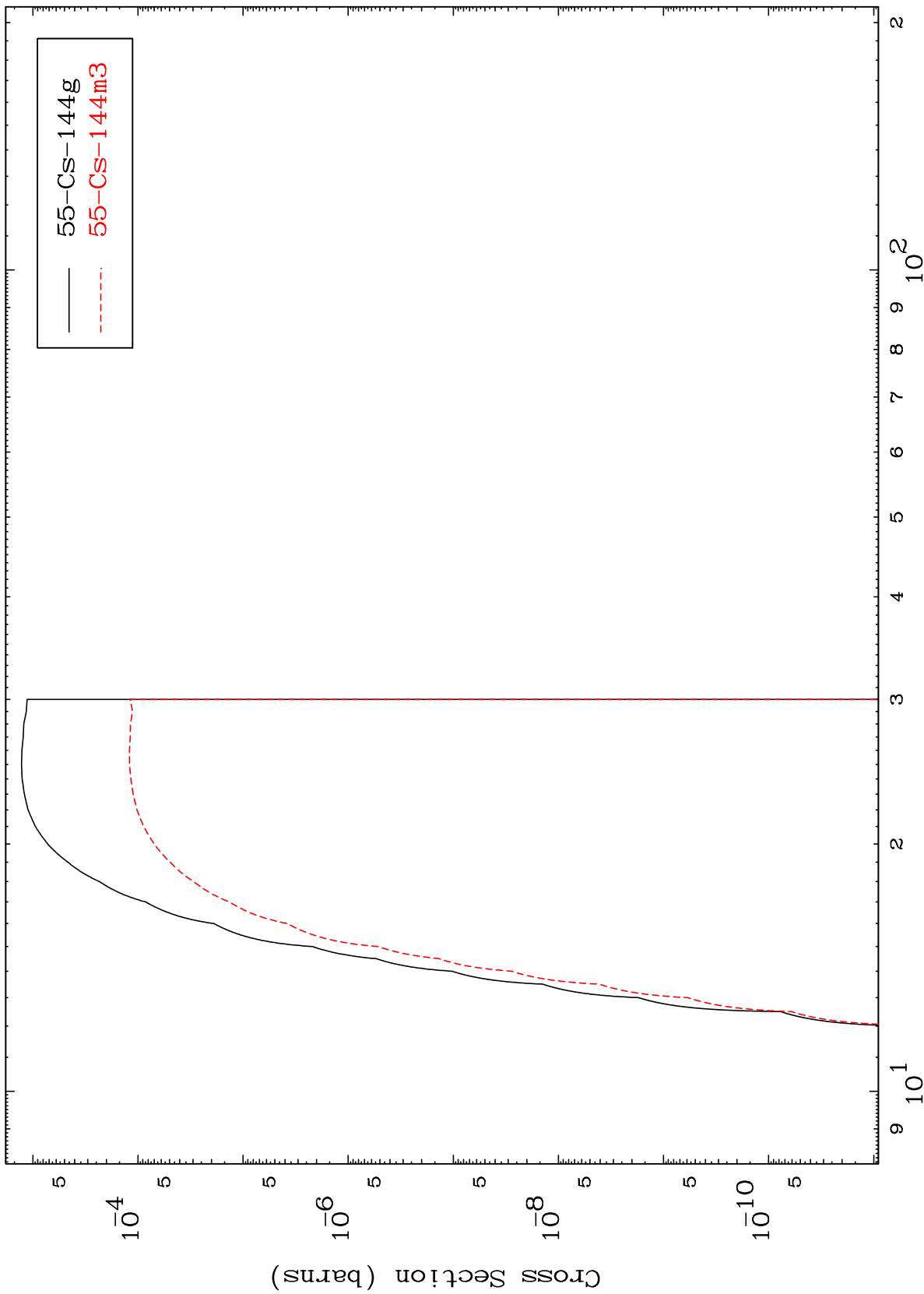
56-Ba-146

Incident Energy (MeV)

MAT 5673

56-Ba-146

(n,t)  
Radionuclide Production Cross Section



56-Ba-146

Incident Energy (MeV)

125