

Program EVALPLOT  
(Version 2018-1)

by

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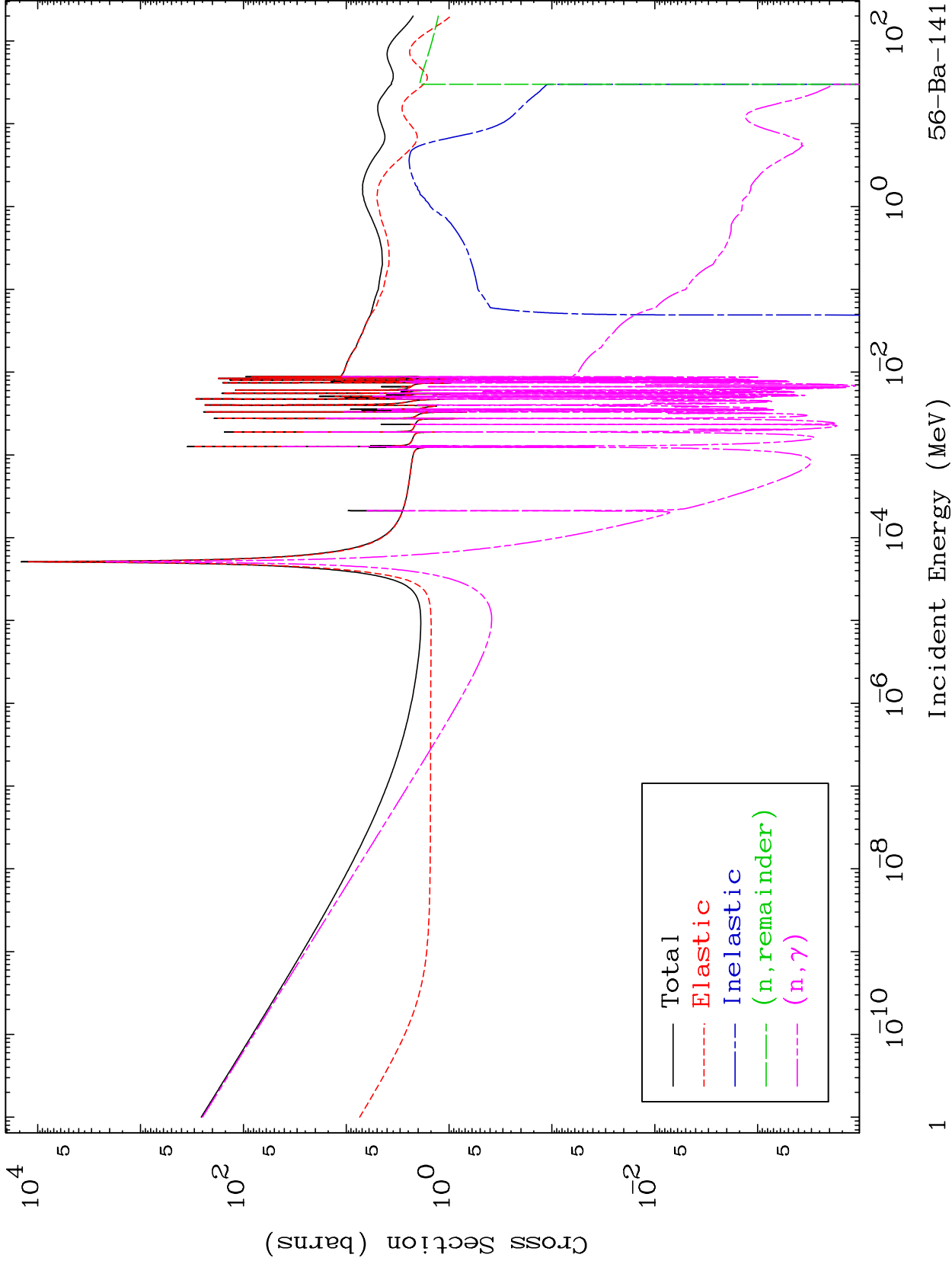
Press Mouse Button to Start

MAT 5658

Major

293 Kelvin Cross Sections

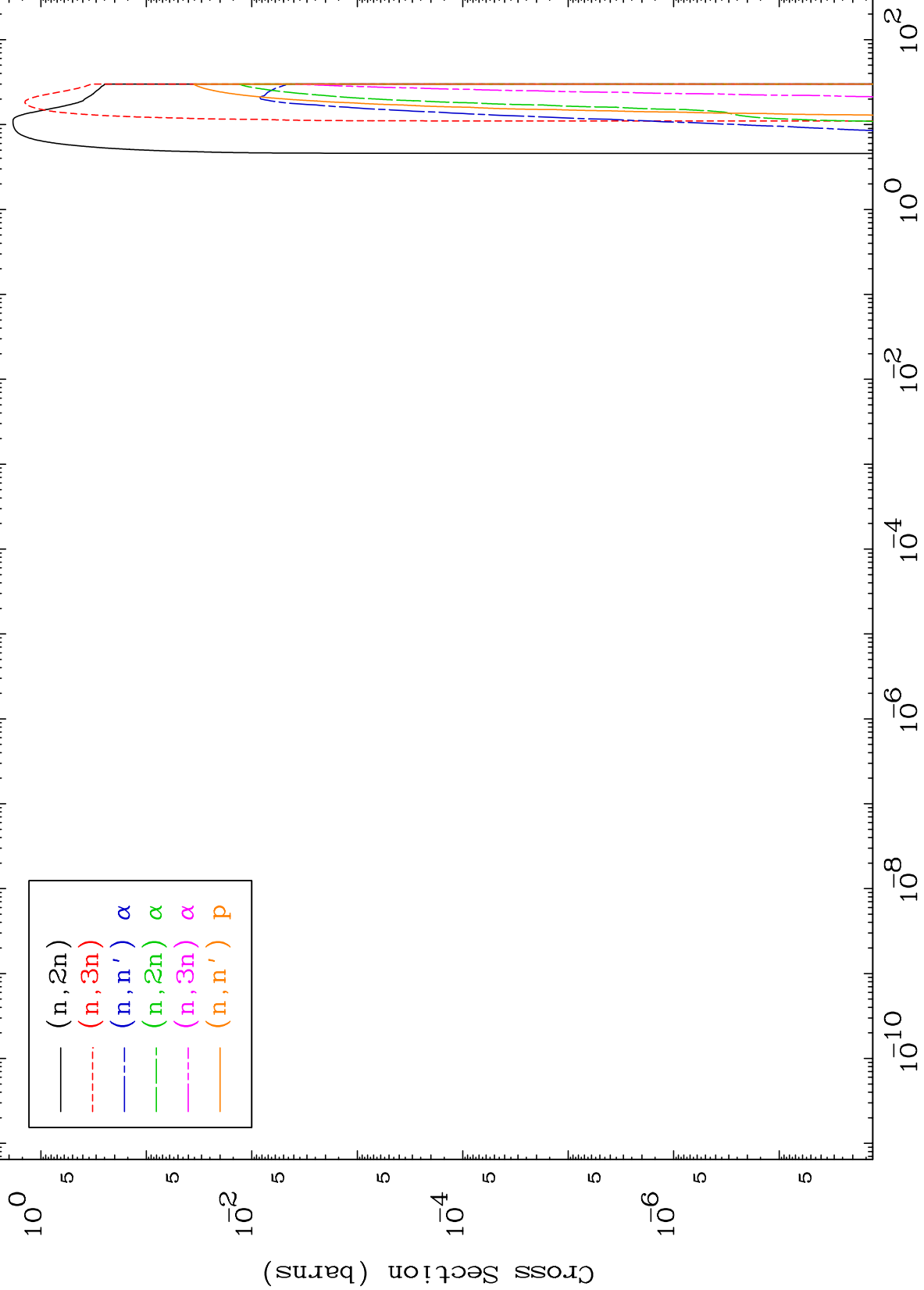
56-Ba-141



MAT 5658

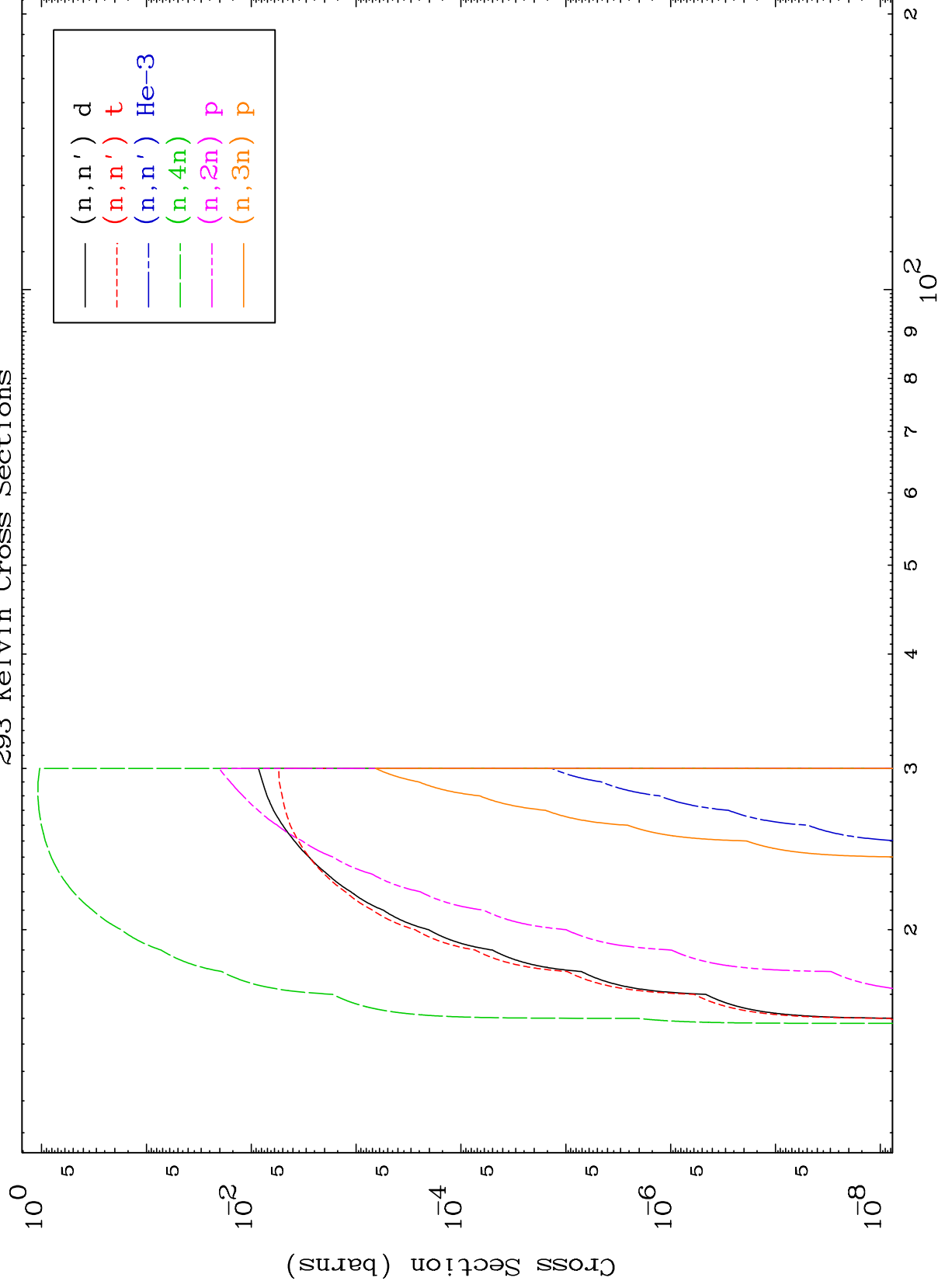
Neutron Production  
293 Kelvin Cross Sections

56-Ba-141



56-Ba-141

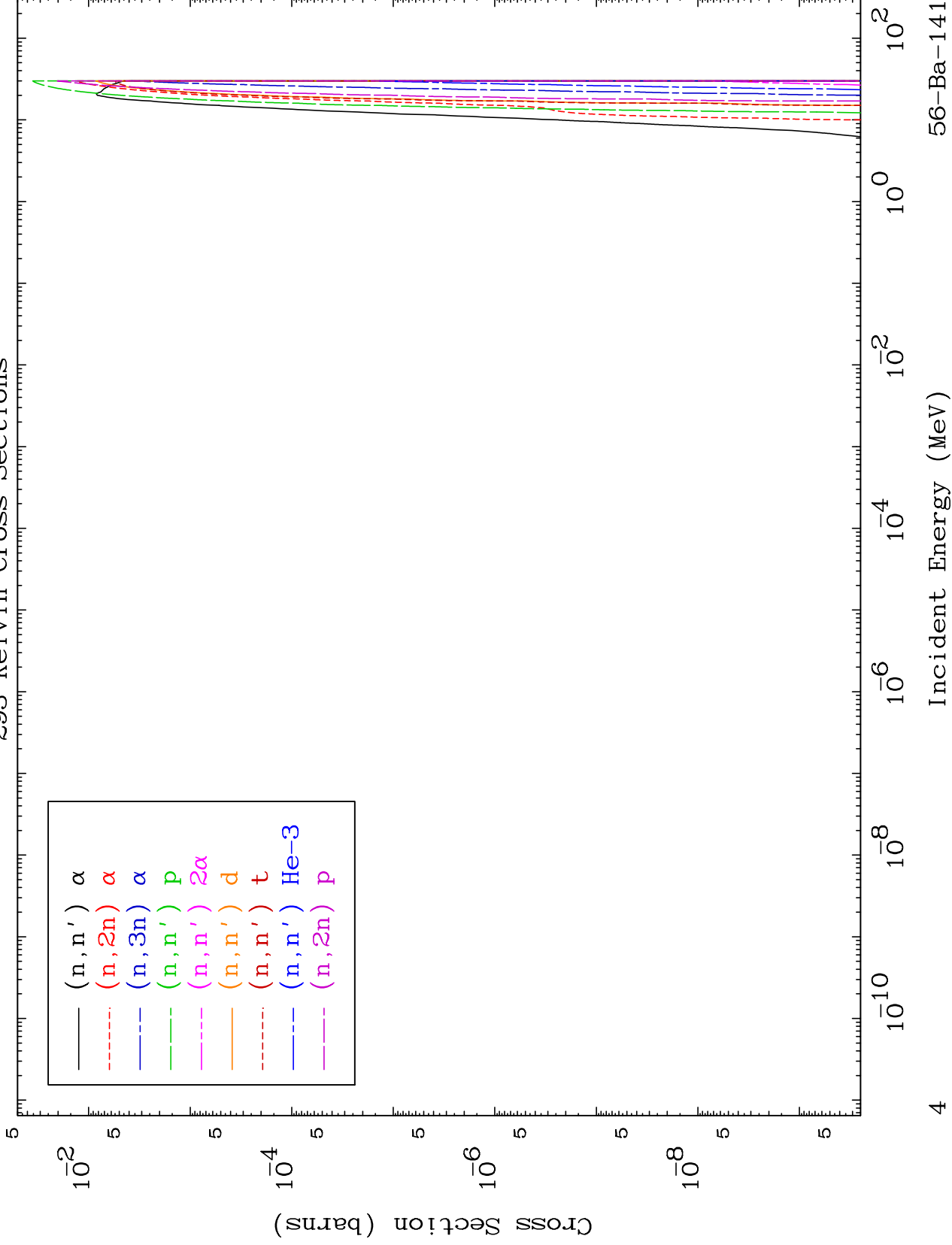
Incident Energy (MeV)



MAT 5658

Charged Particle  
293 Kelvin Cross Sections

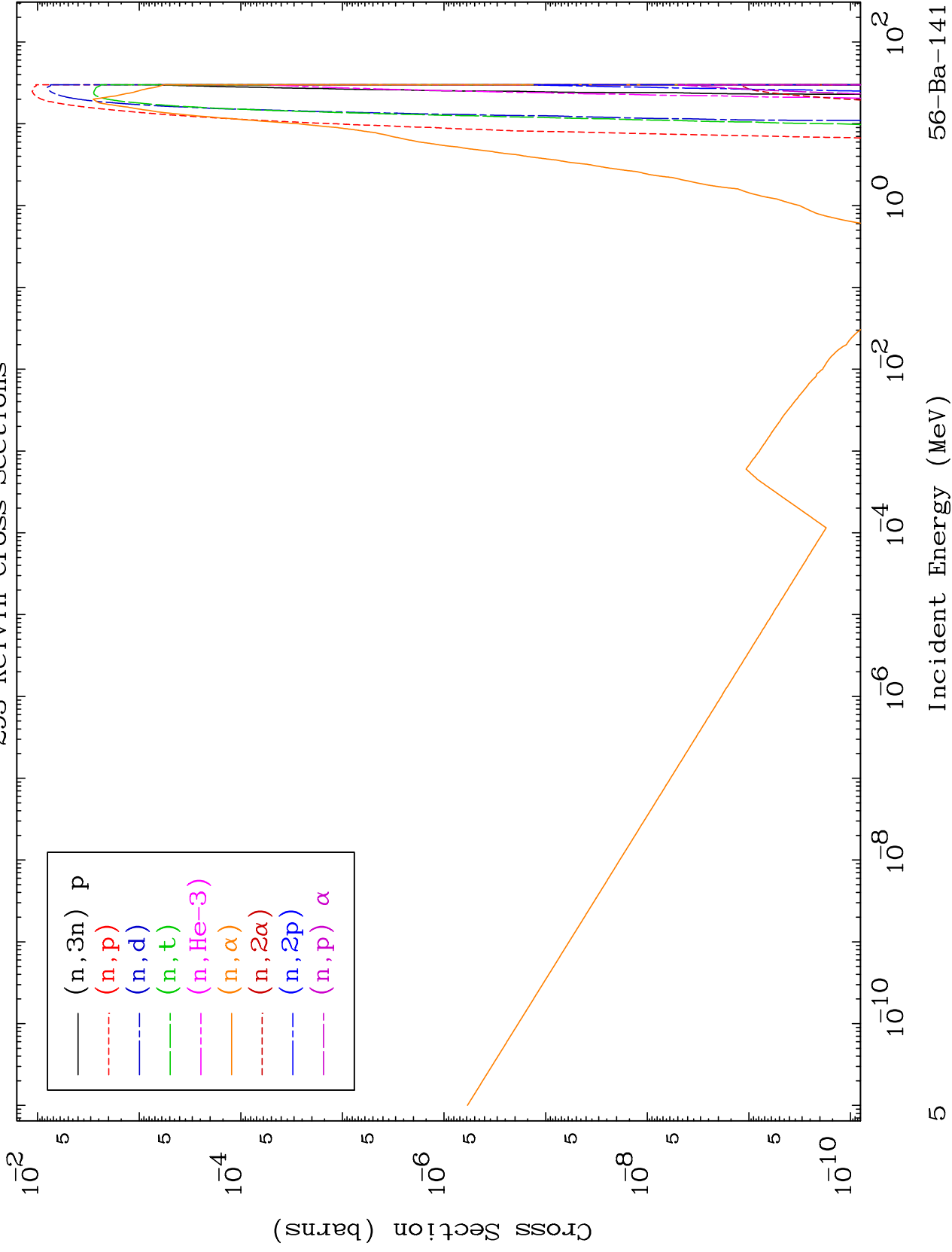
56-Ba-141

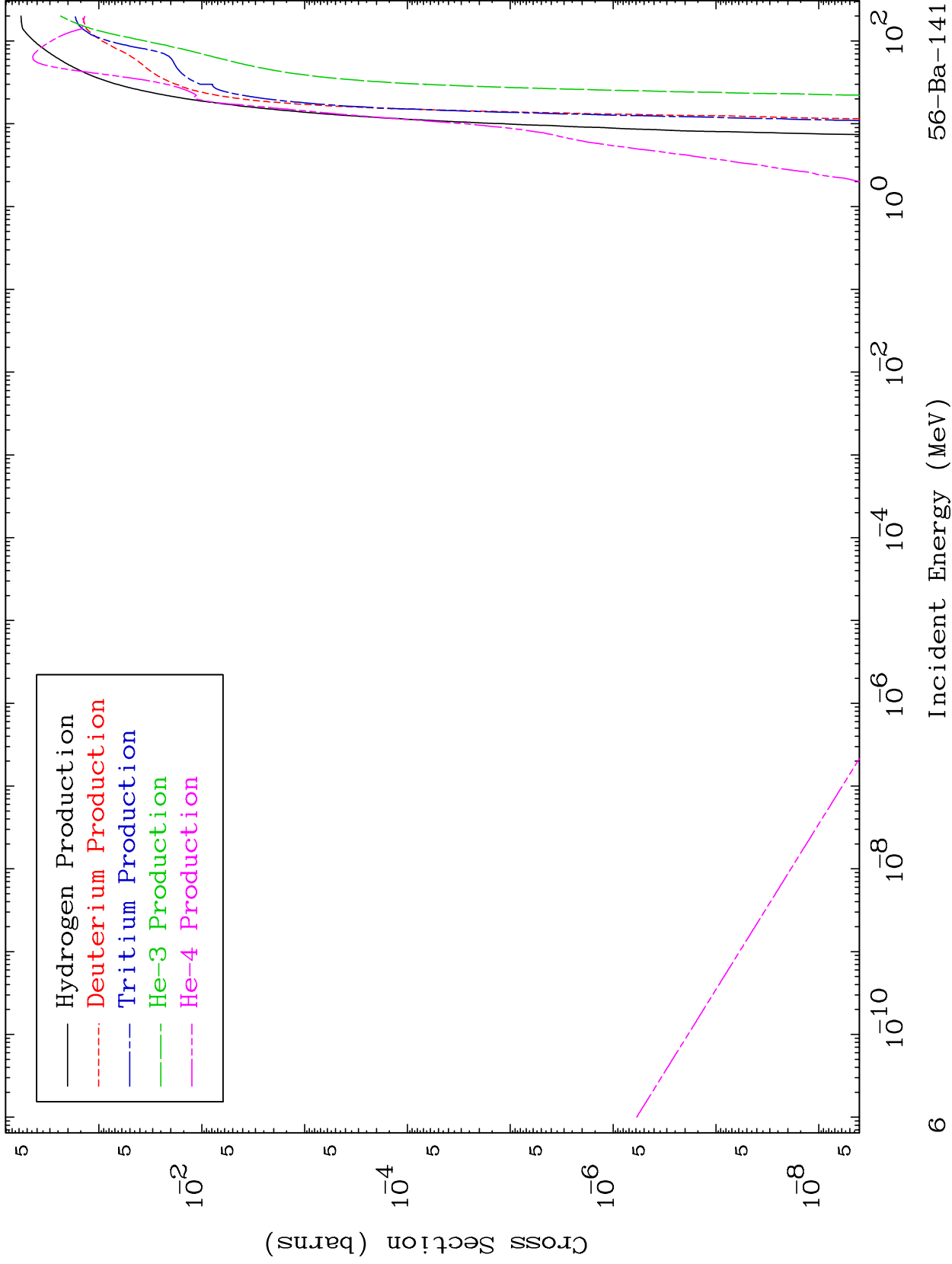


MAT 5658

Charged Particle  
293 Kelvin Cross Sections

56-Ba-141



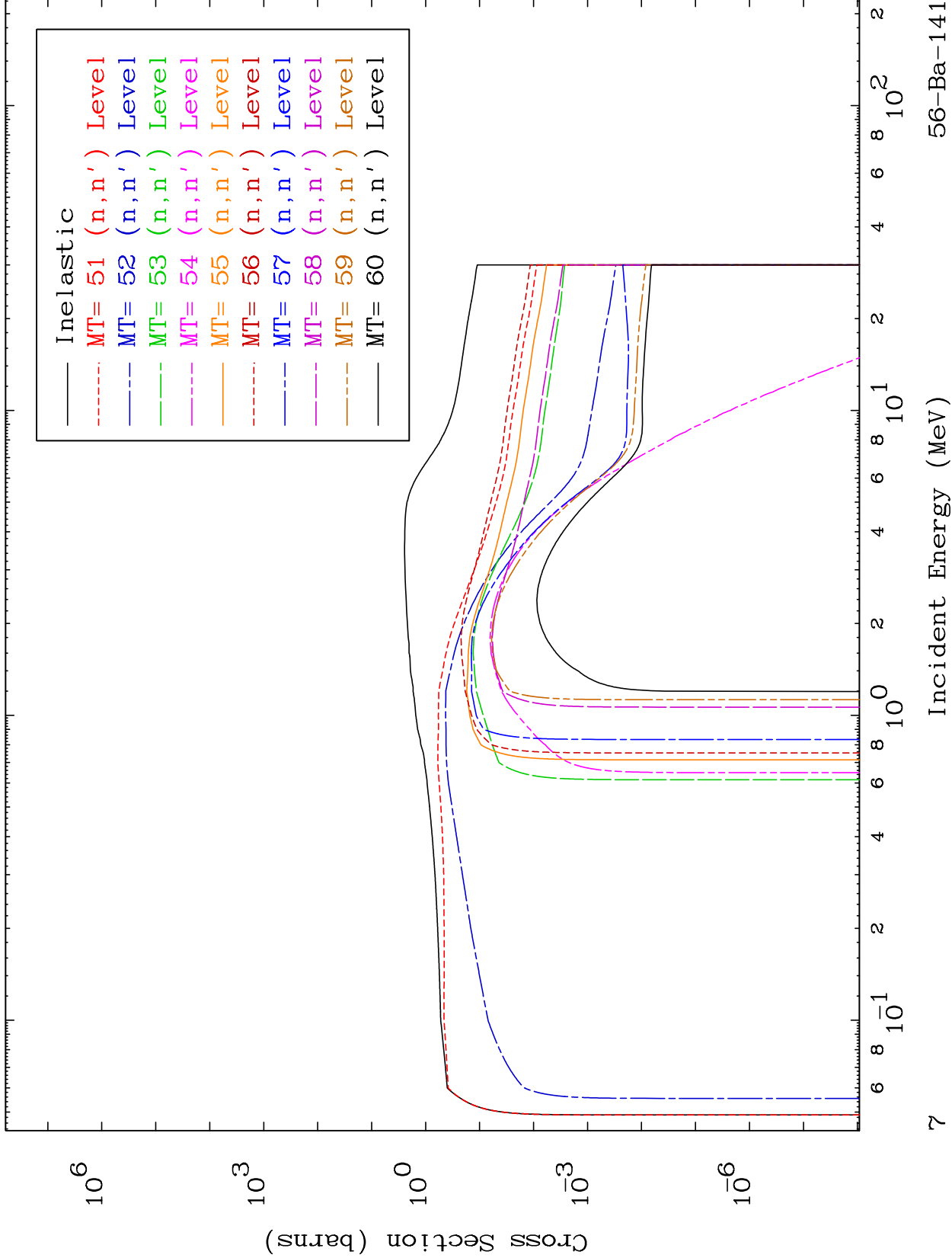


MAT 5658

(n,n') Level

56-Ba-141

293 Kelvin Cross Sections



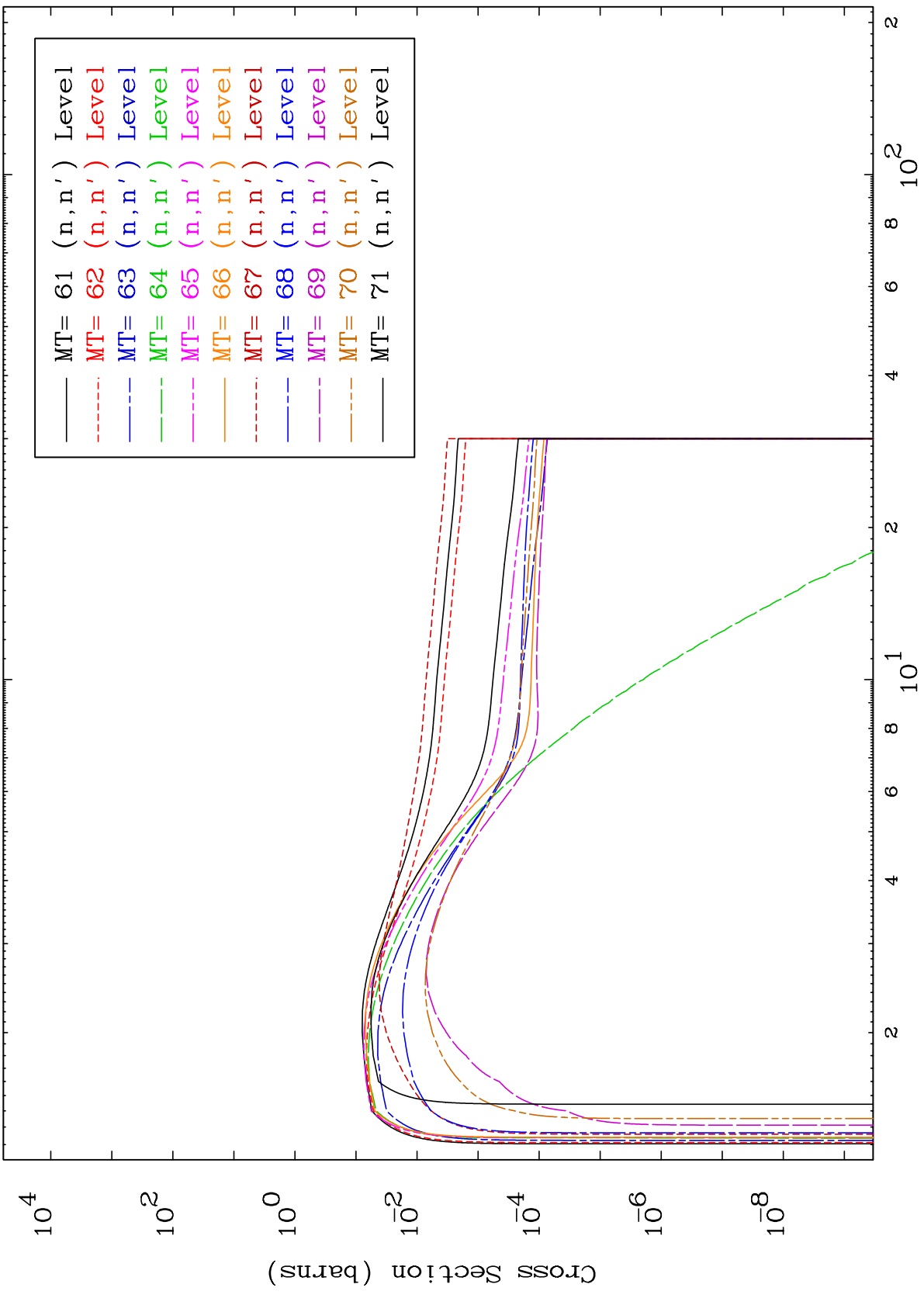


MAT 5658

(n,n') Level

56-Ba-141

293 Kelvin Cross Sections



8

Incident Energy (MeV)

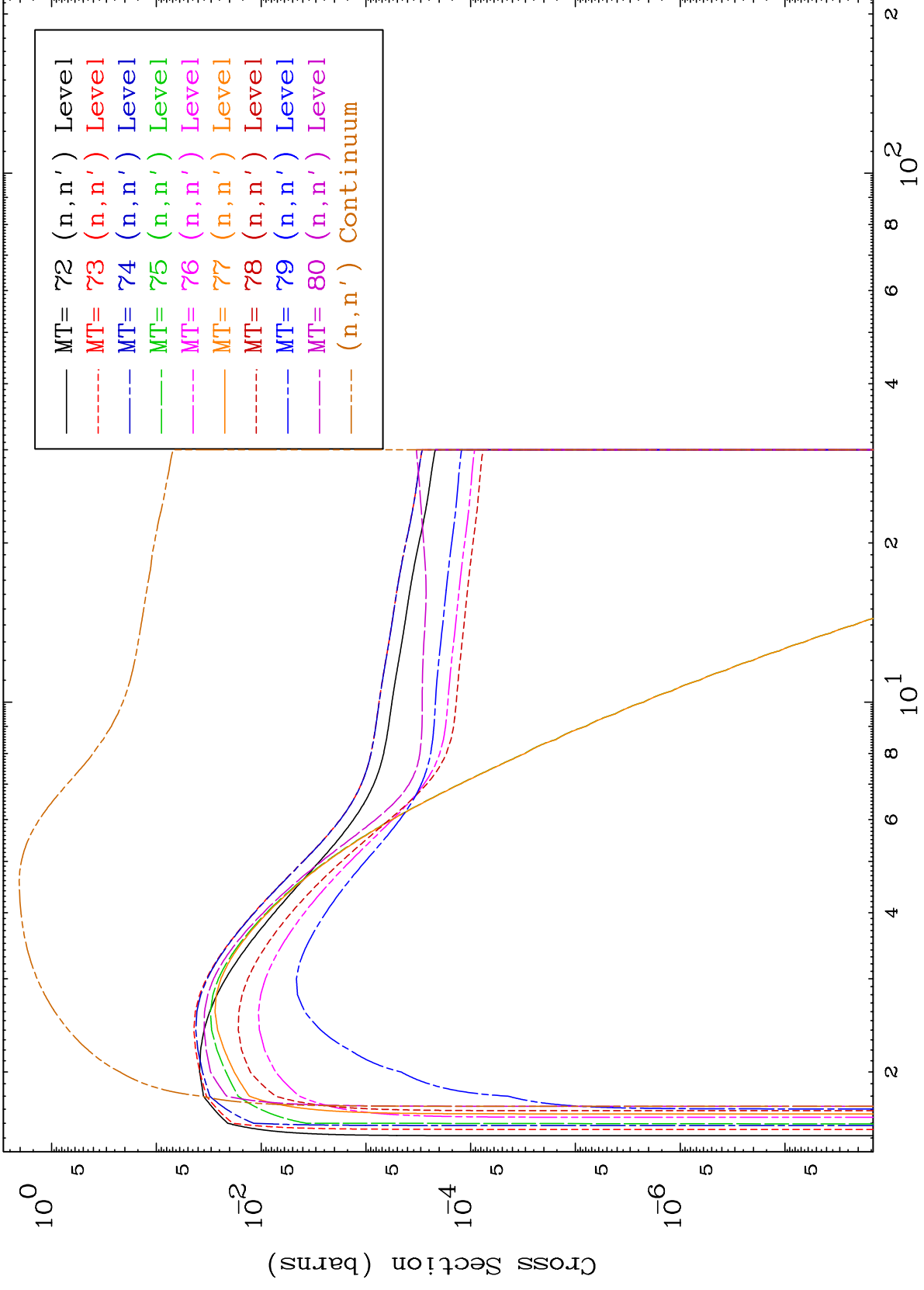
56-Ba-141

MAT 5658

(n,n') Level

56-Ba-141

293 Kelvin Cross Sections



9

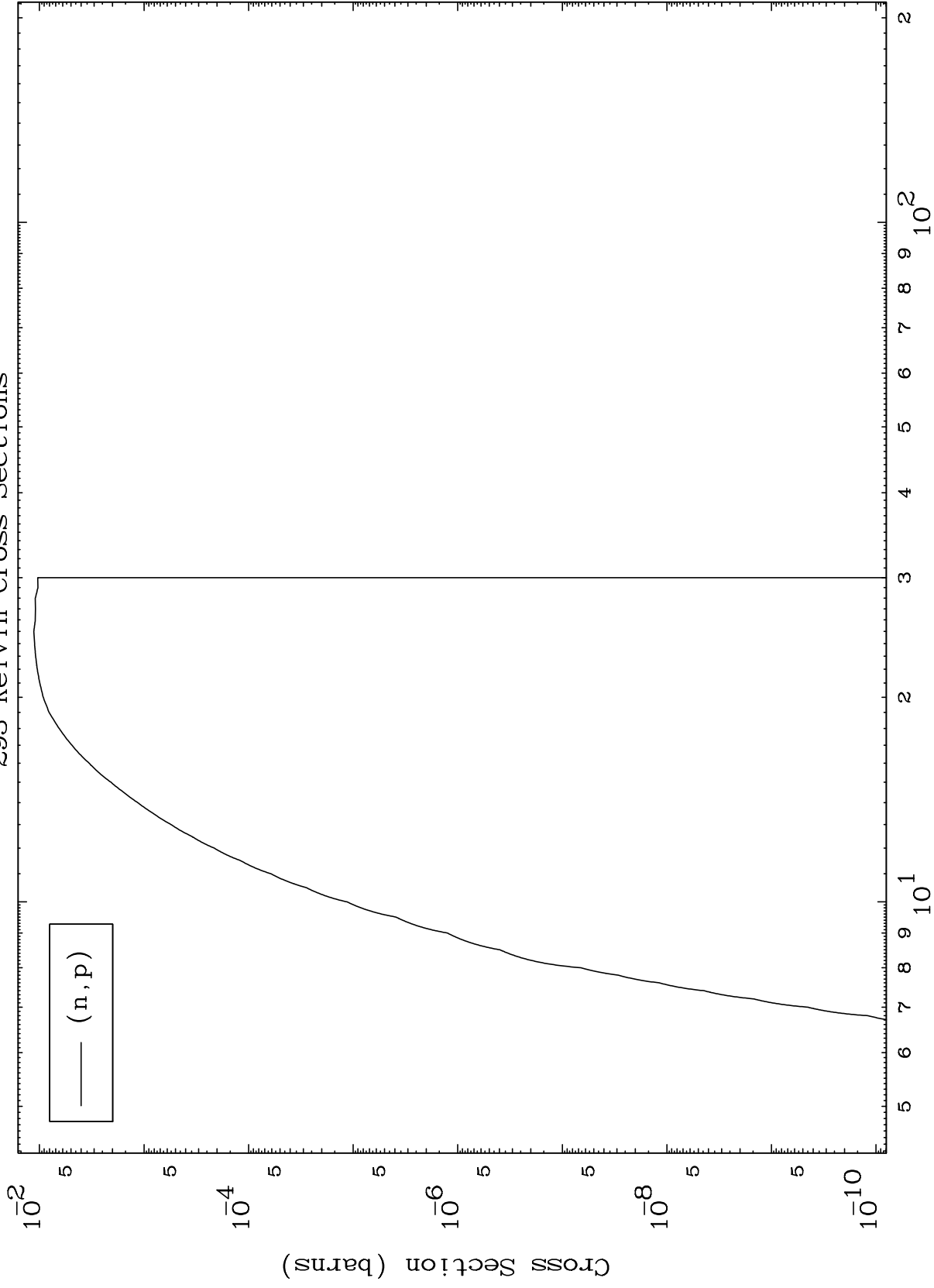
Incident Energy (MeV)

56-Ba-141

MAT 5658

(n,p) Levels  
293 Kelvin Cross Sections

56-Ba-141



10

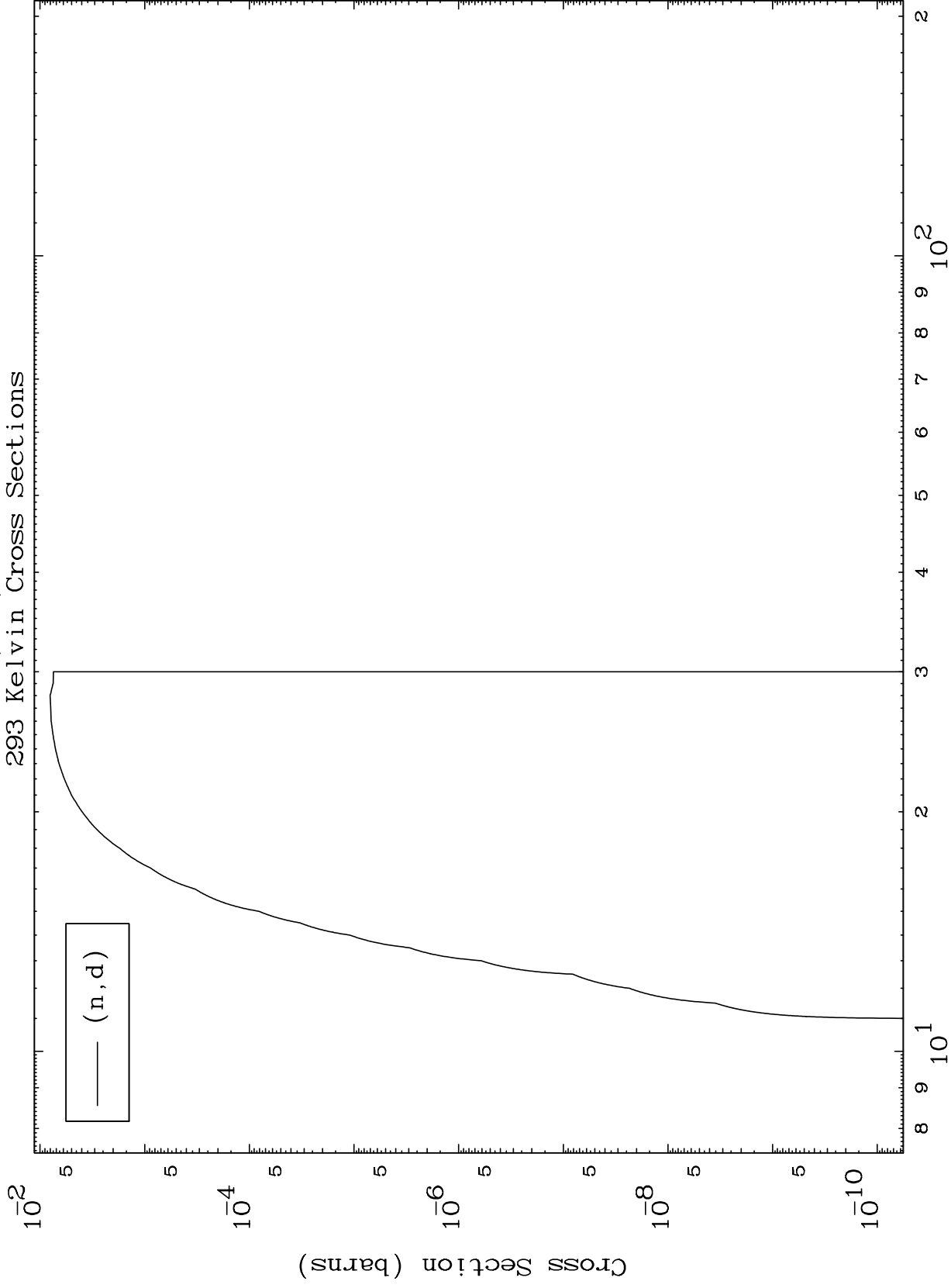
Incident Energy (MeV)

56-Ba-141

MAT 5658

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-141



11

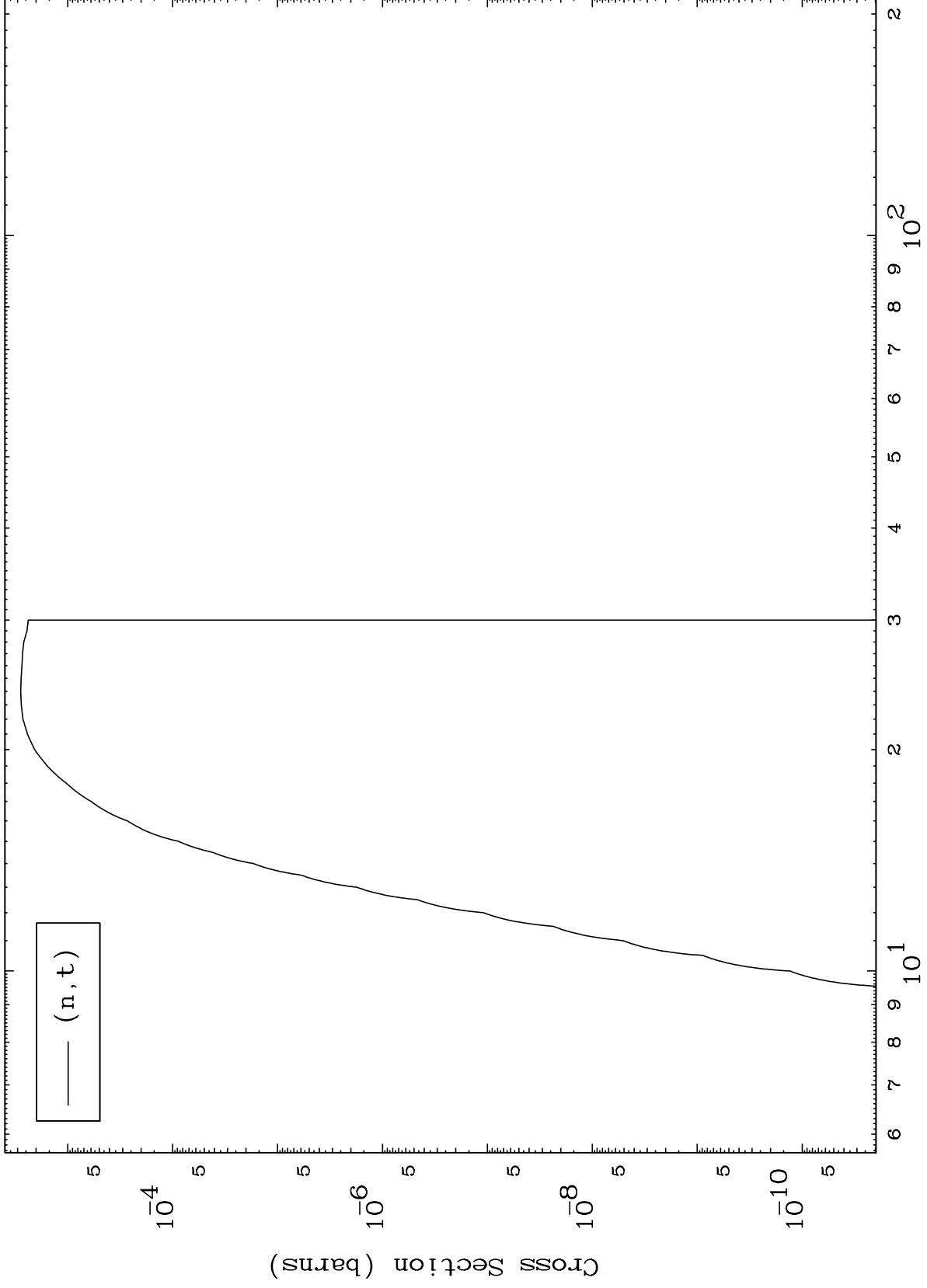
Incident Energy (MeV)

56-Ba-141

MAT 5658

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-141



12

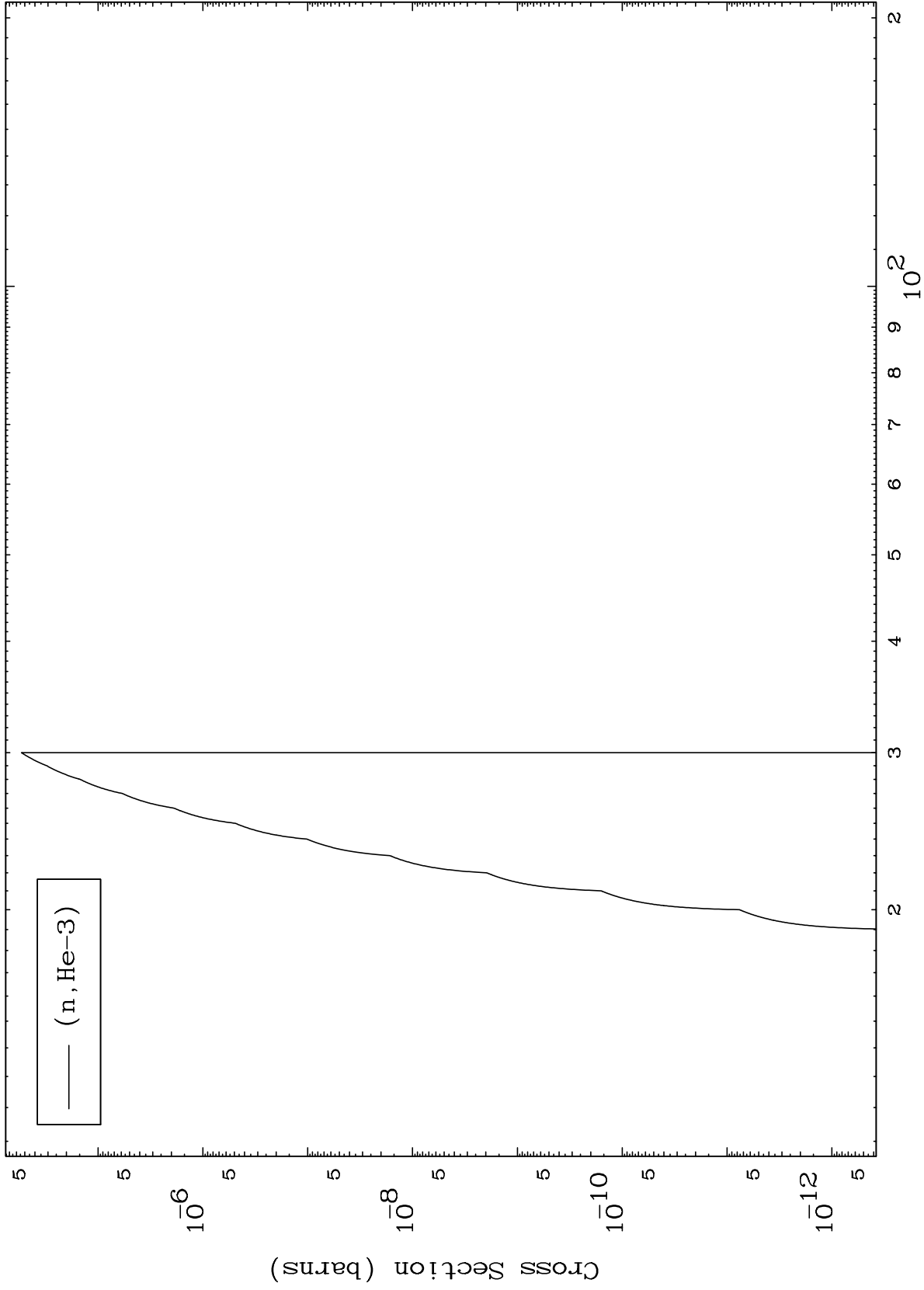
Incident Energy (MeV)

56-Ba-141

MAT 5658

(n,He3) Levels  
293 Kelvin Cross Sections

56-Ba-141



13

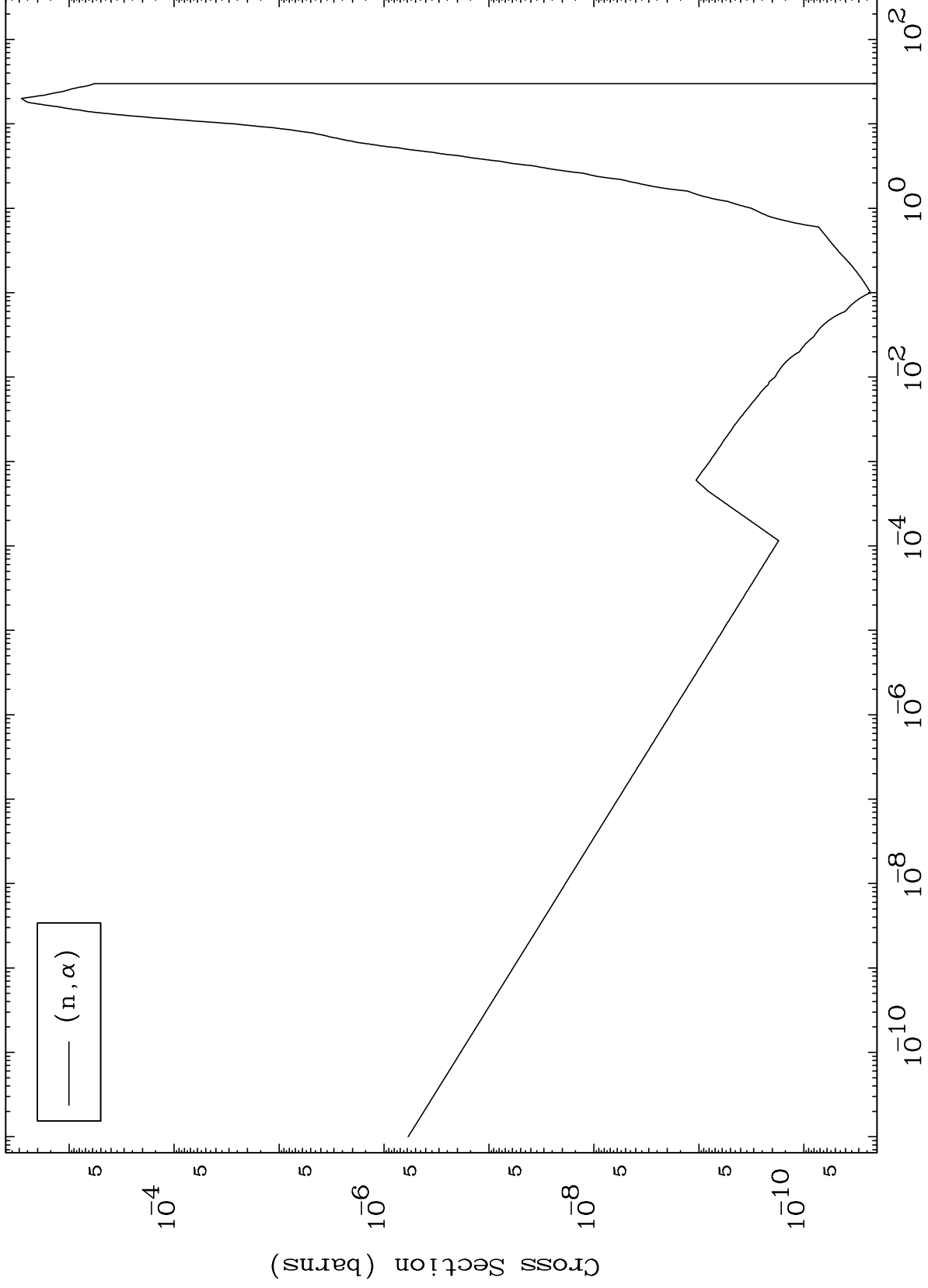
Incident Energy (MeV)

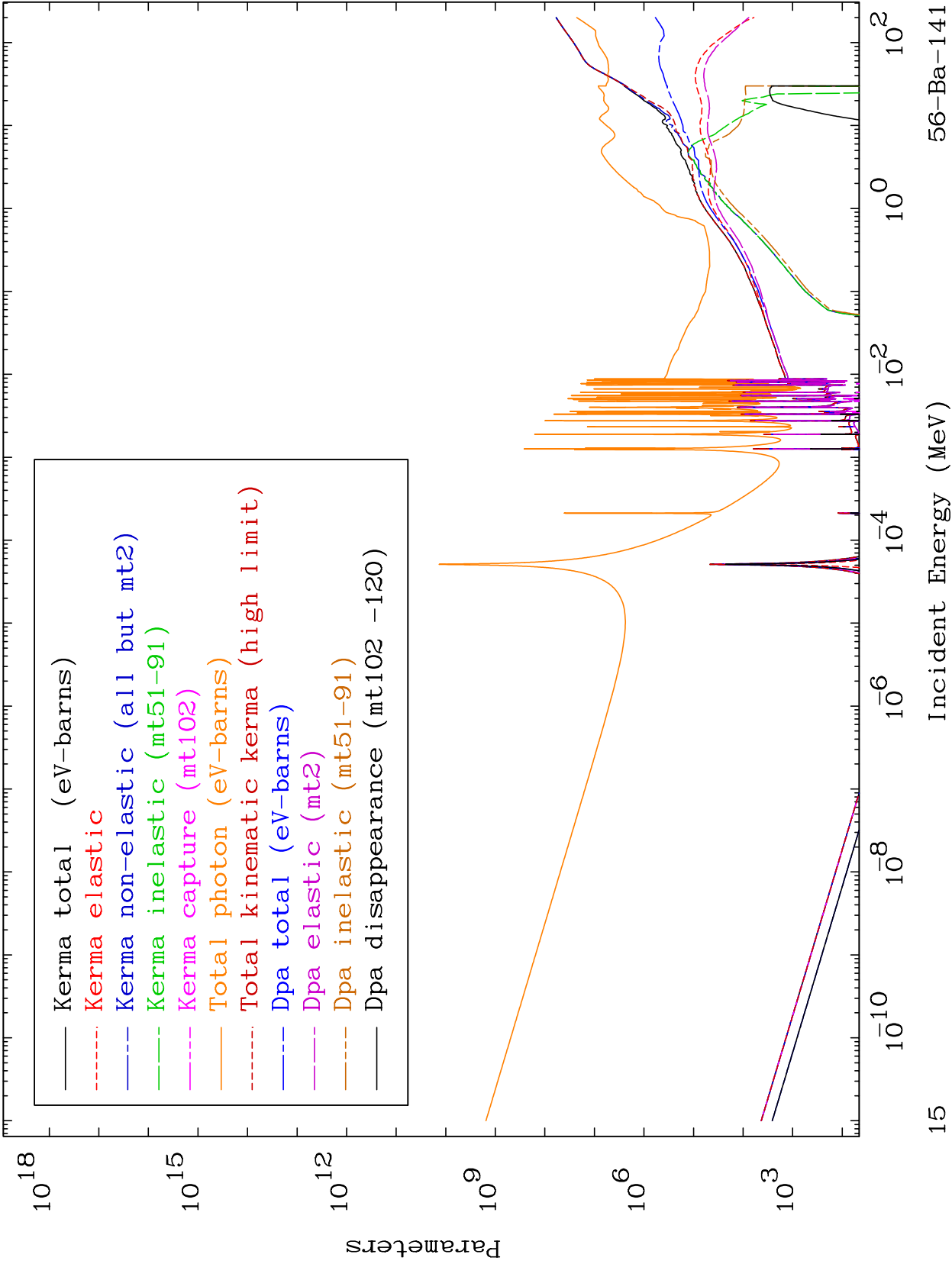
56-Ba-141

MAT 5658

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

56-Ba-141



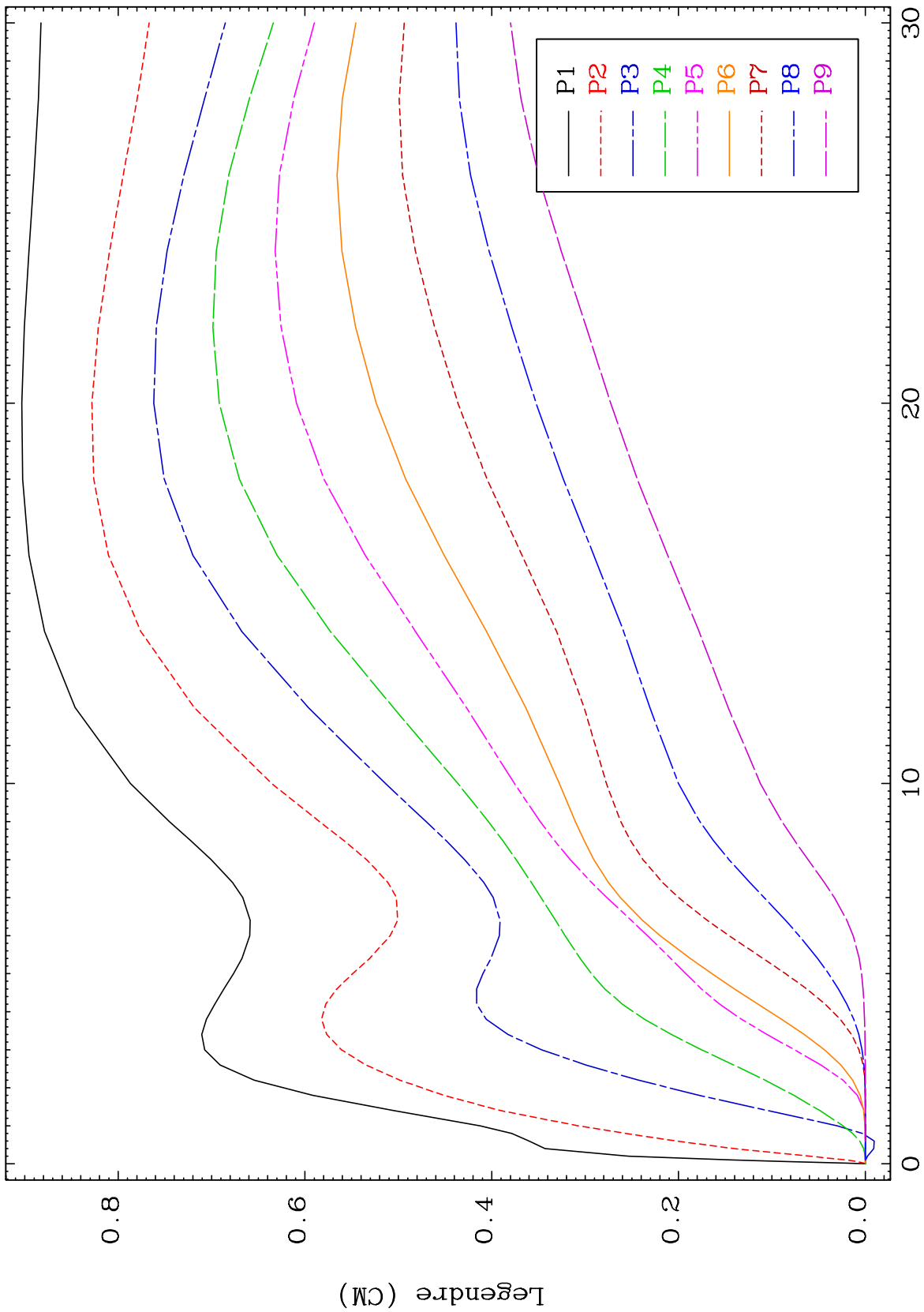




MAT 5658

Elastic Legendre Coefficients

56-Ba-141



16

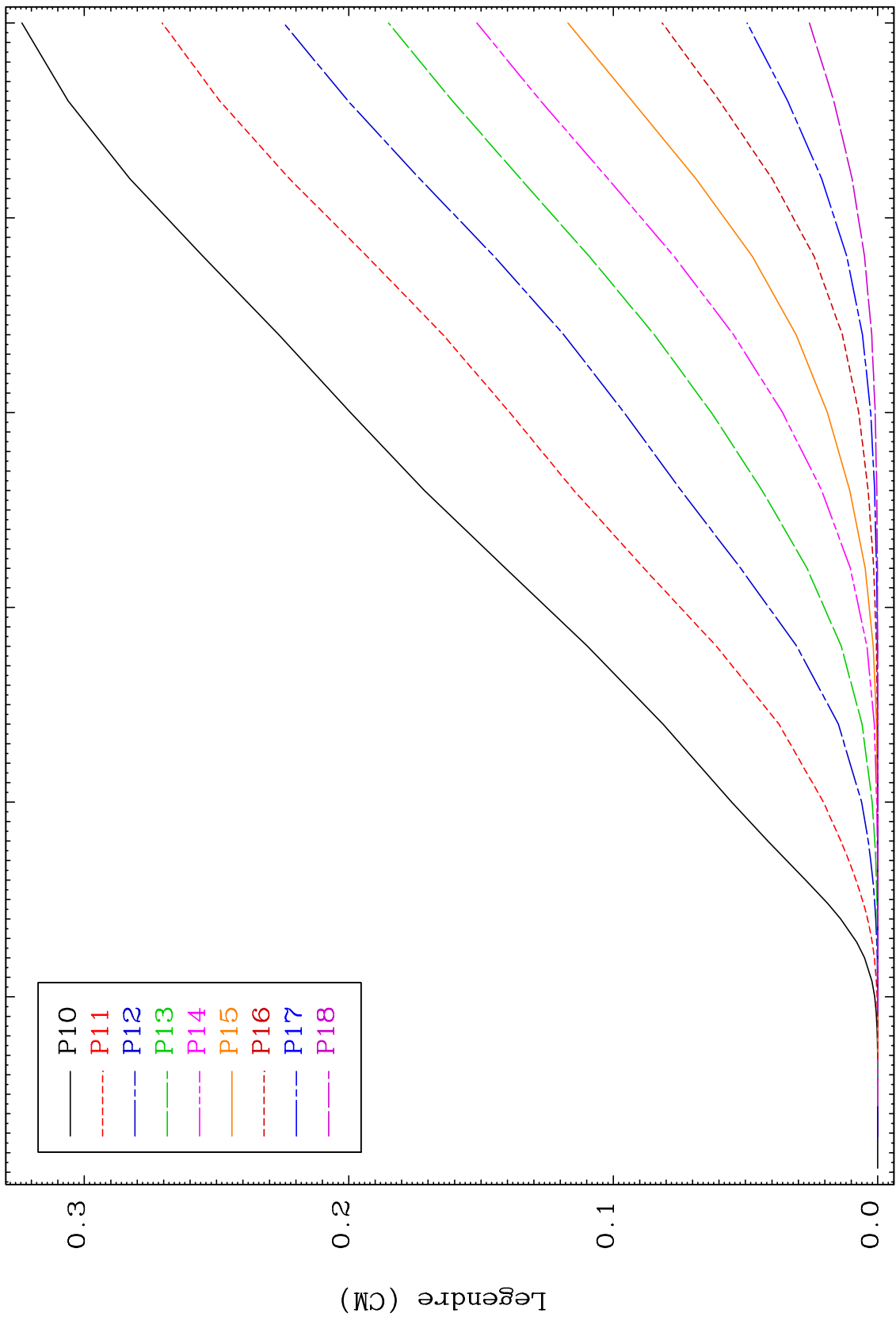
Incident Energy (MeV)

56-Ba-141

MAT 5658

Elastic Legendre Coefficients

56-Ba-141



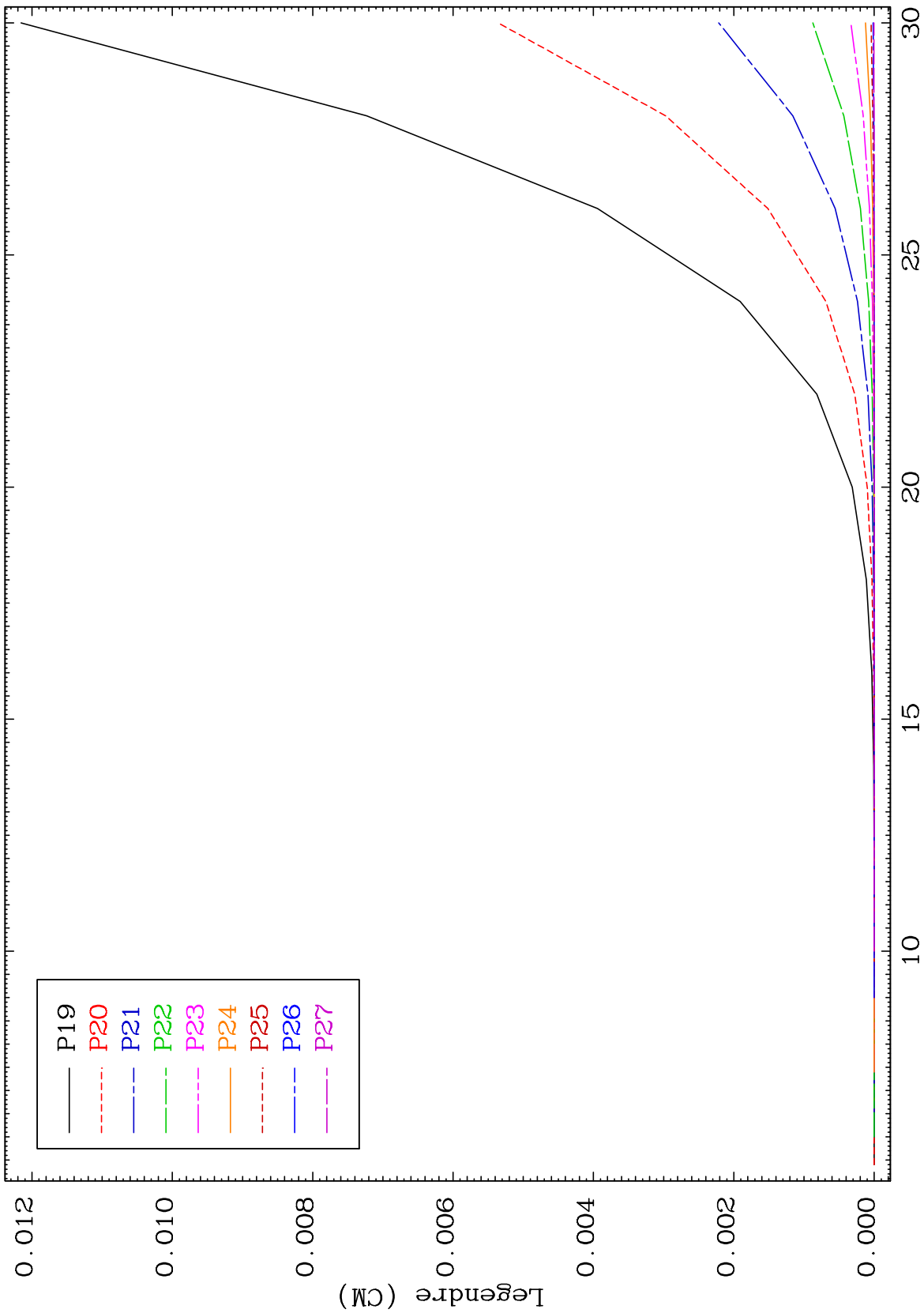
17

56-Ba-141

MAT 5658

Elastic  
Legendre Coefficients

56-Ba-141



18

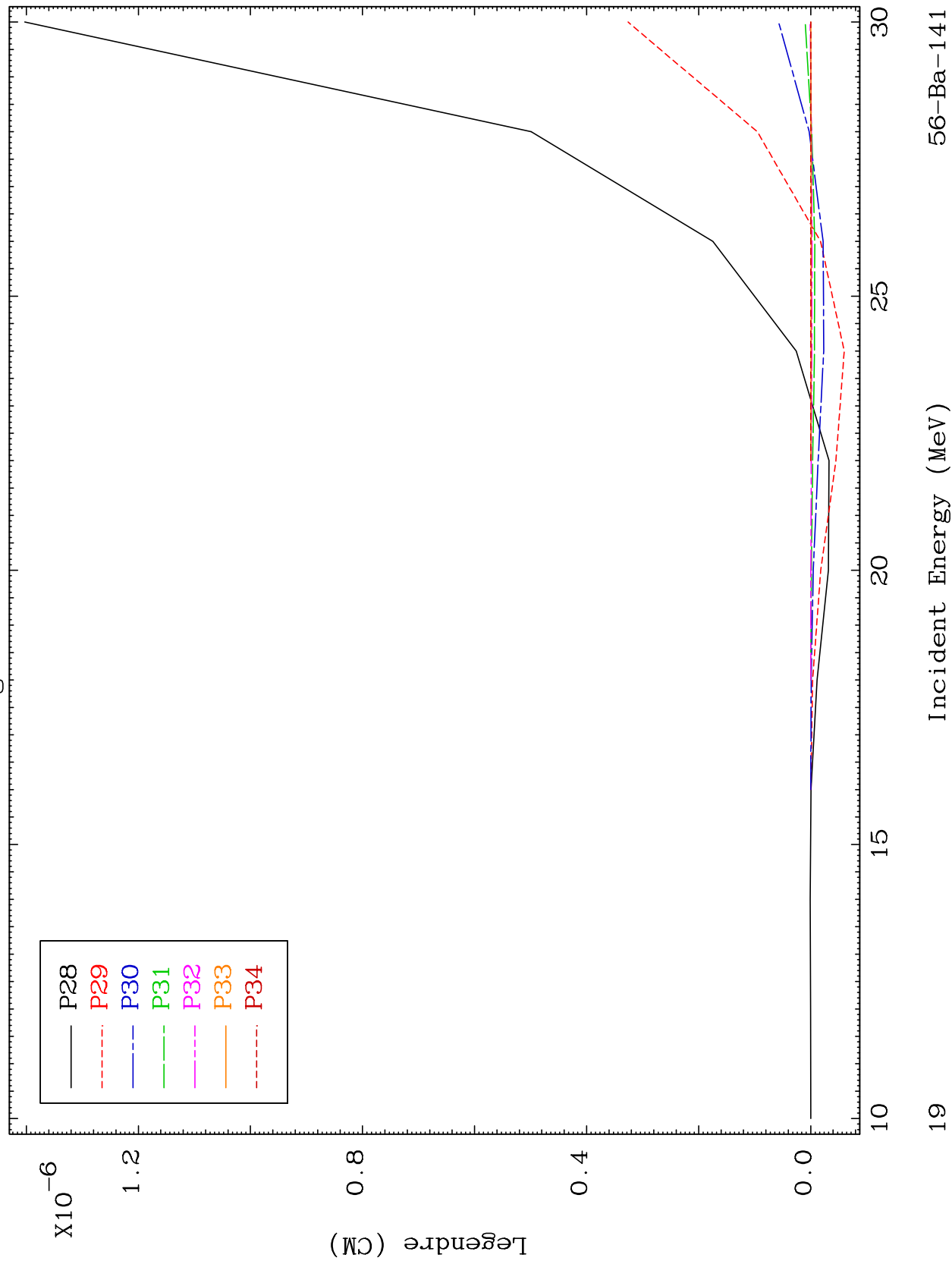
Incident Energy (MeV)

56-Ba-141

MAT 5658

Elastic Legendre Coefficients

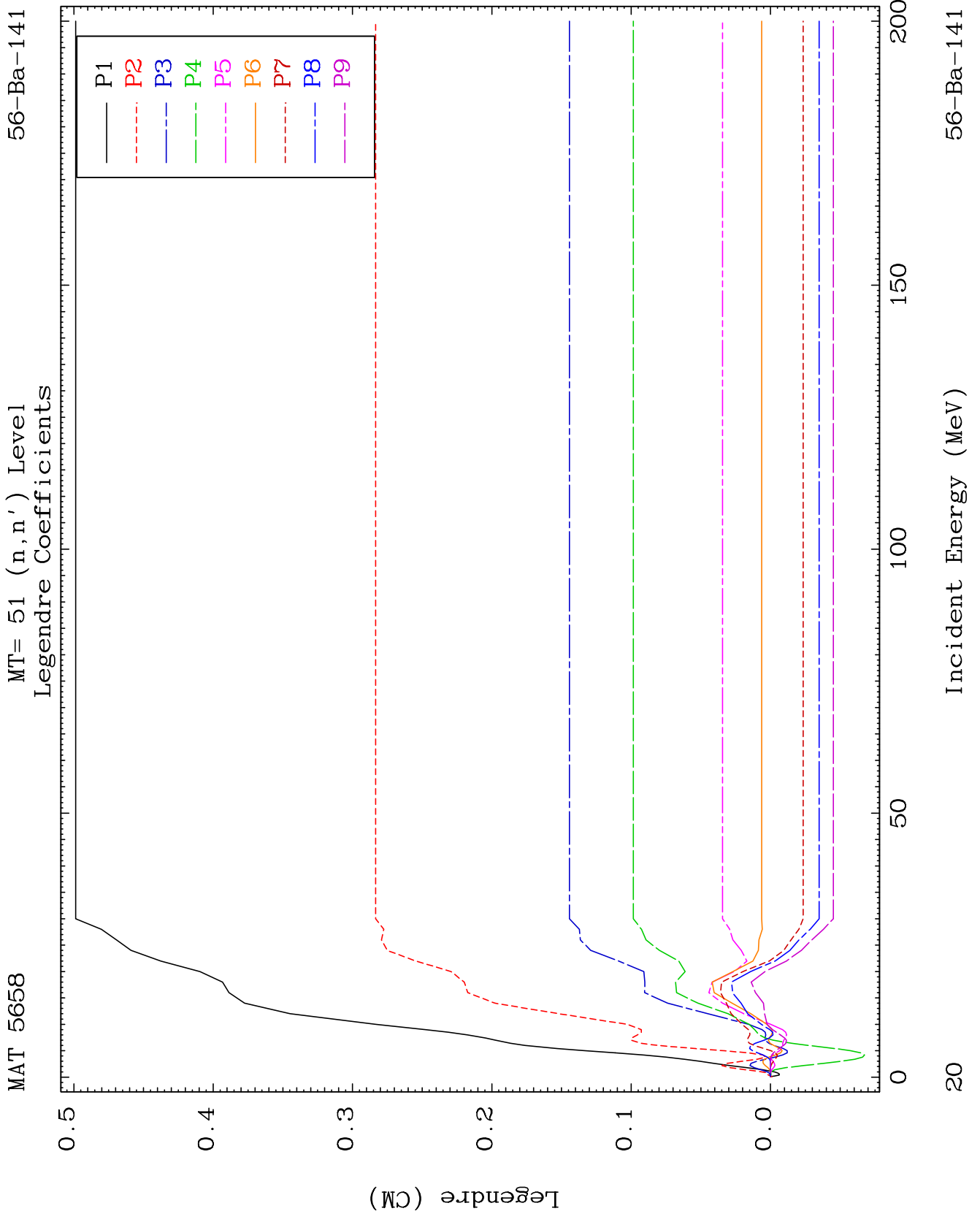
56-Ba-141

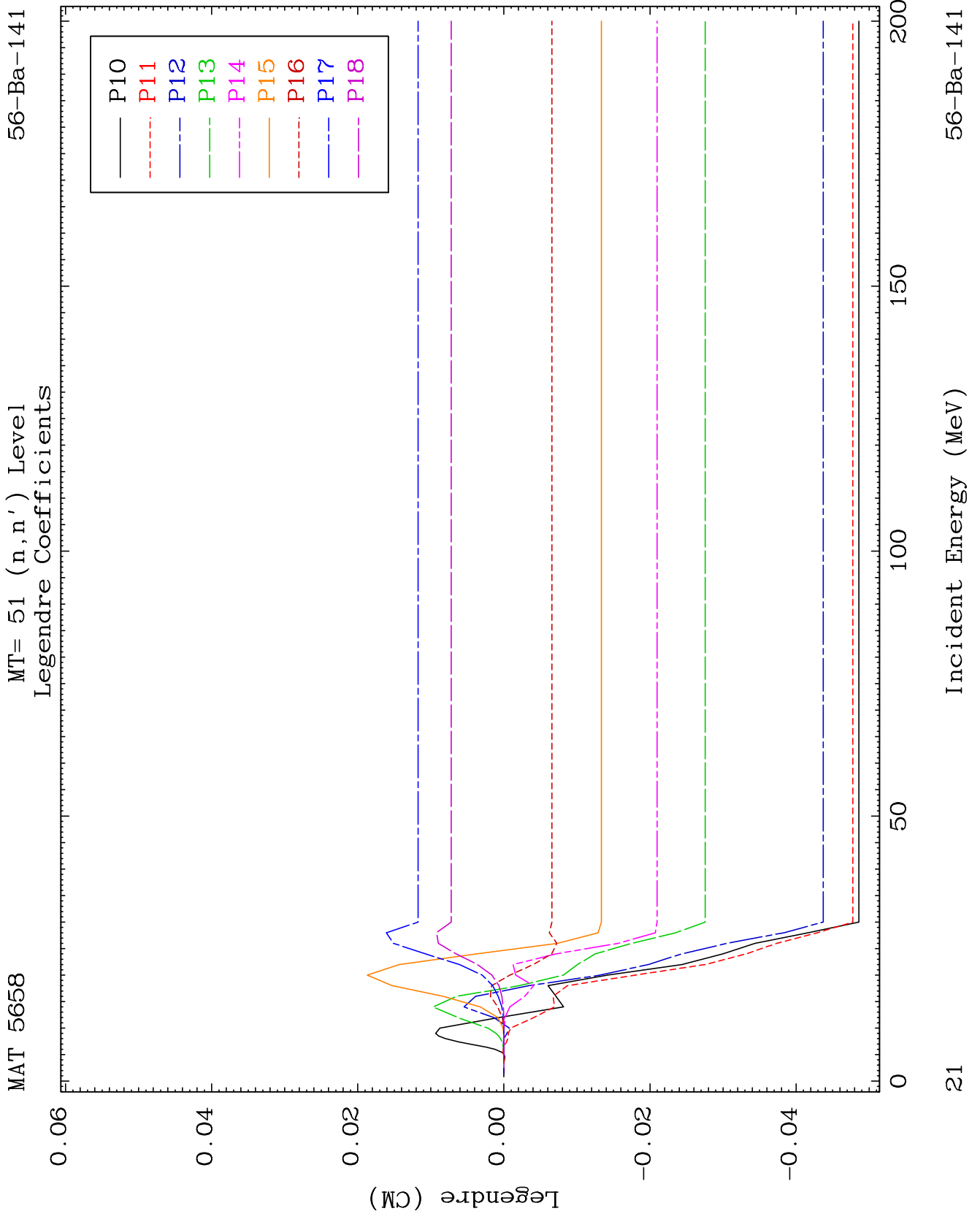


19

Incident Energy (MeV)

56-Ba-141

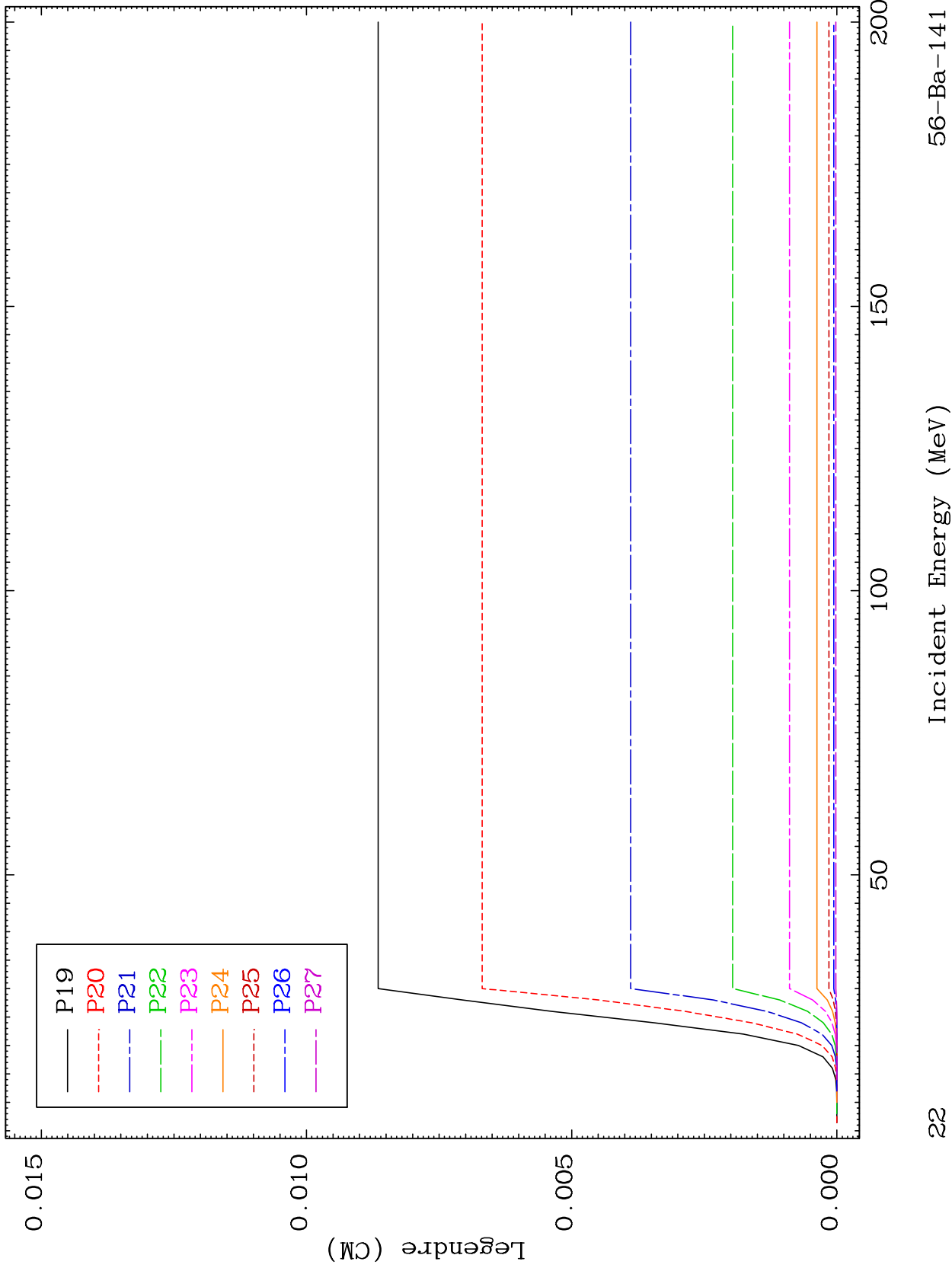




MAT 5658

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

56-Ba-141



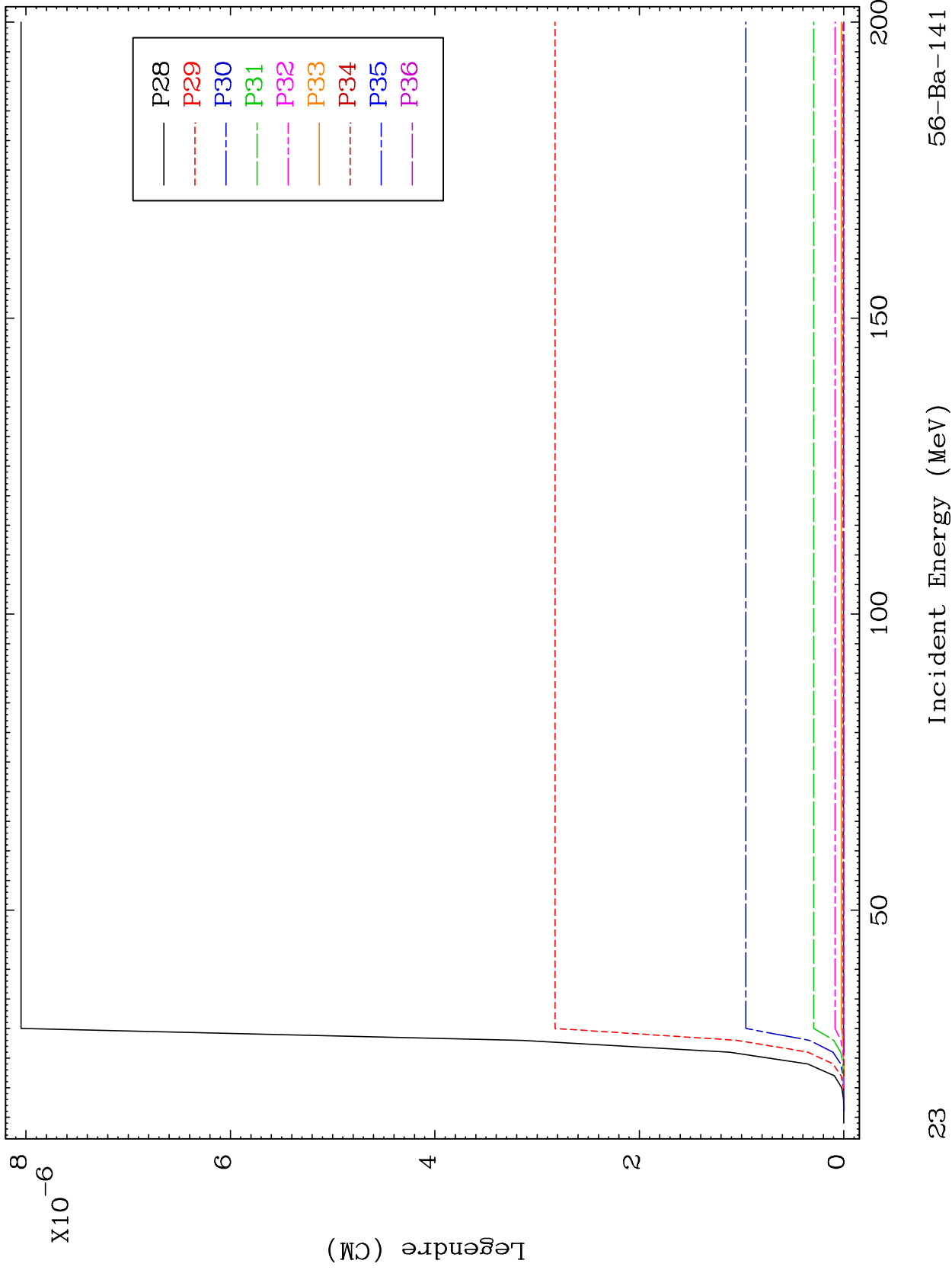
22

56-Ba-141

MAT 5658

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

56-Ba-141



23

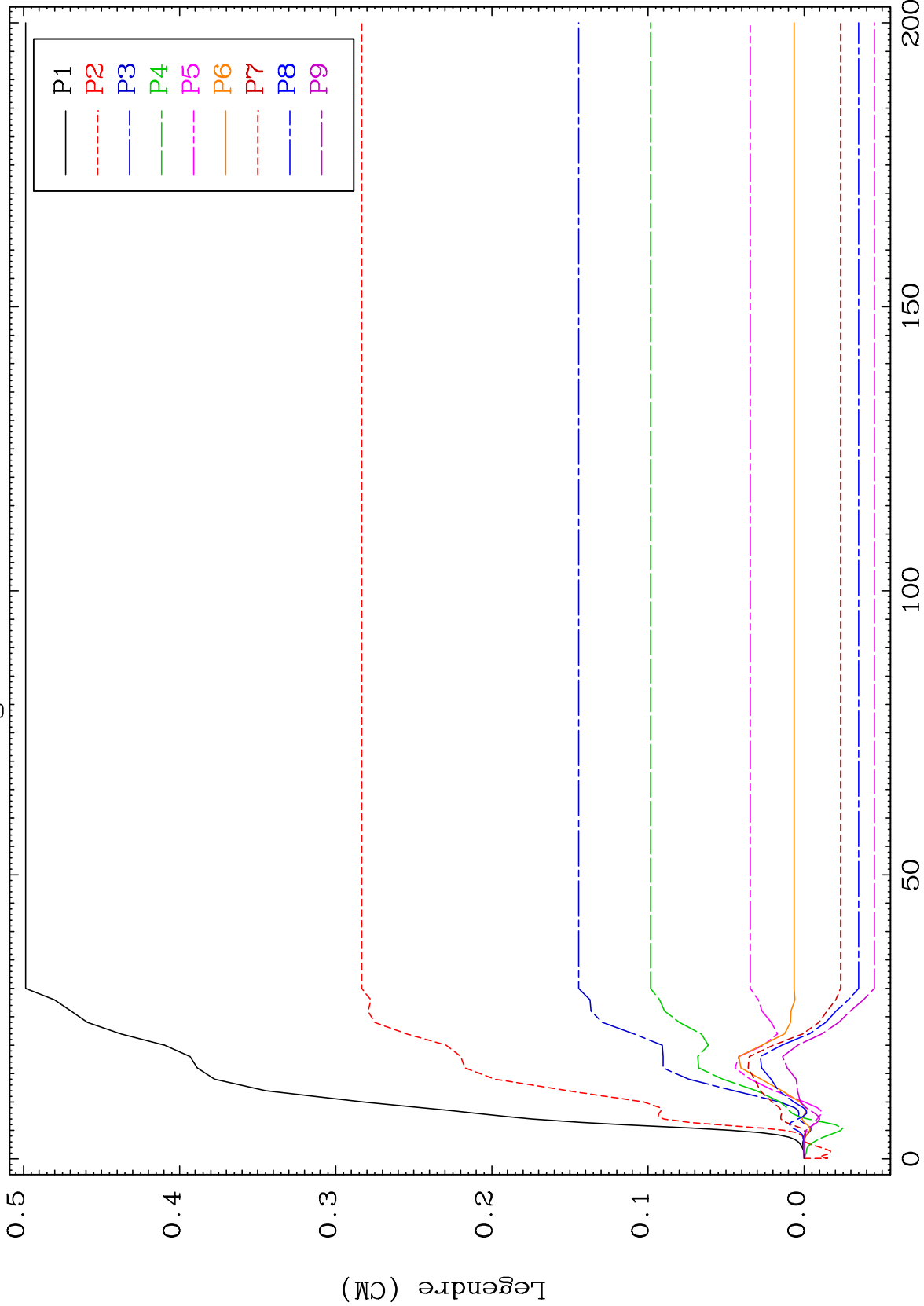
56-Ba-141



MAT 5658

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

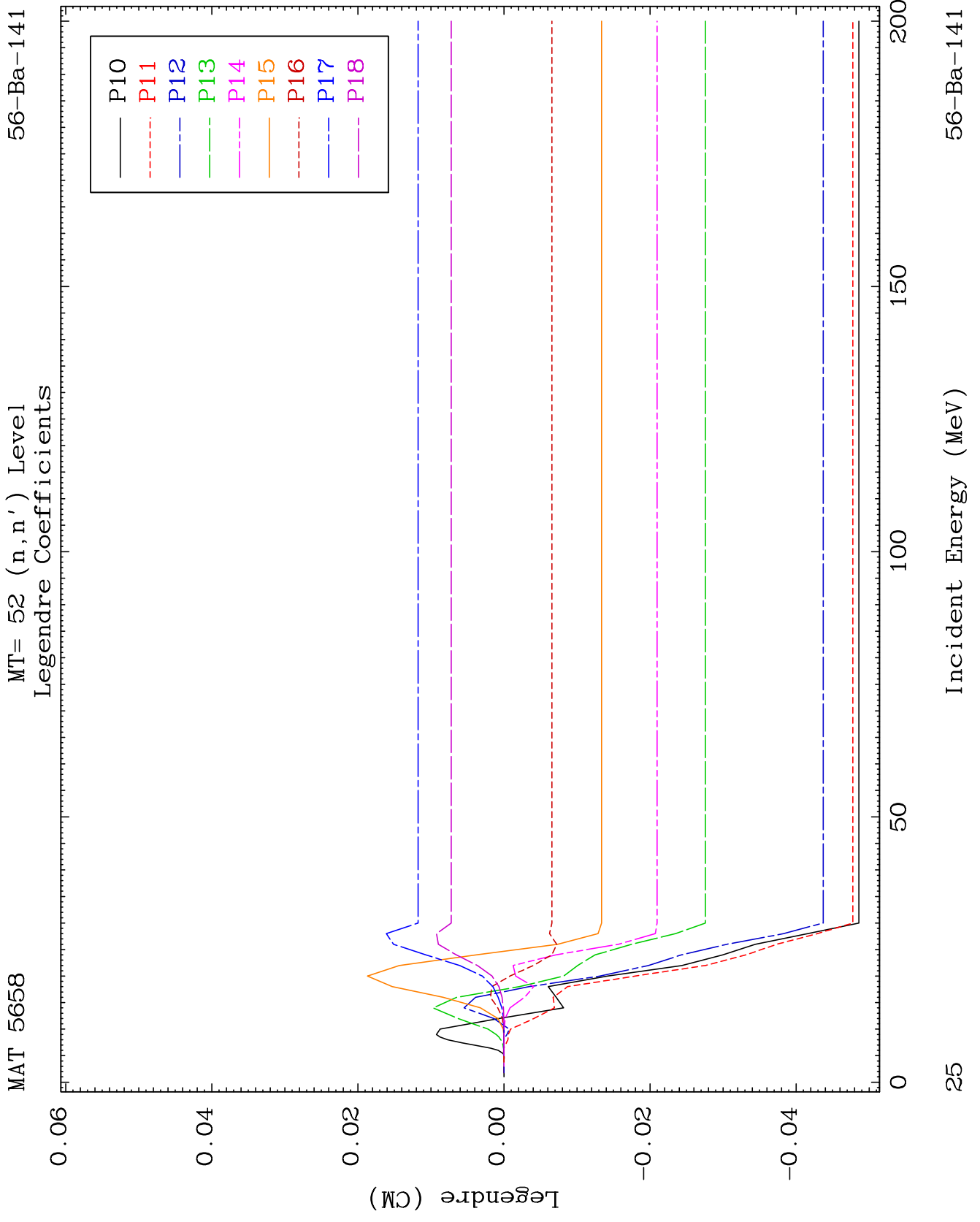
56-Ba-141



56-Ba-141

Incident Energy (MeV)

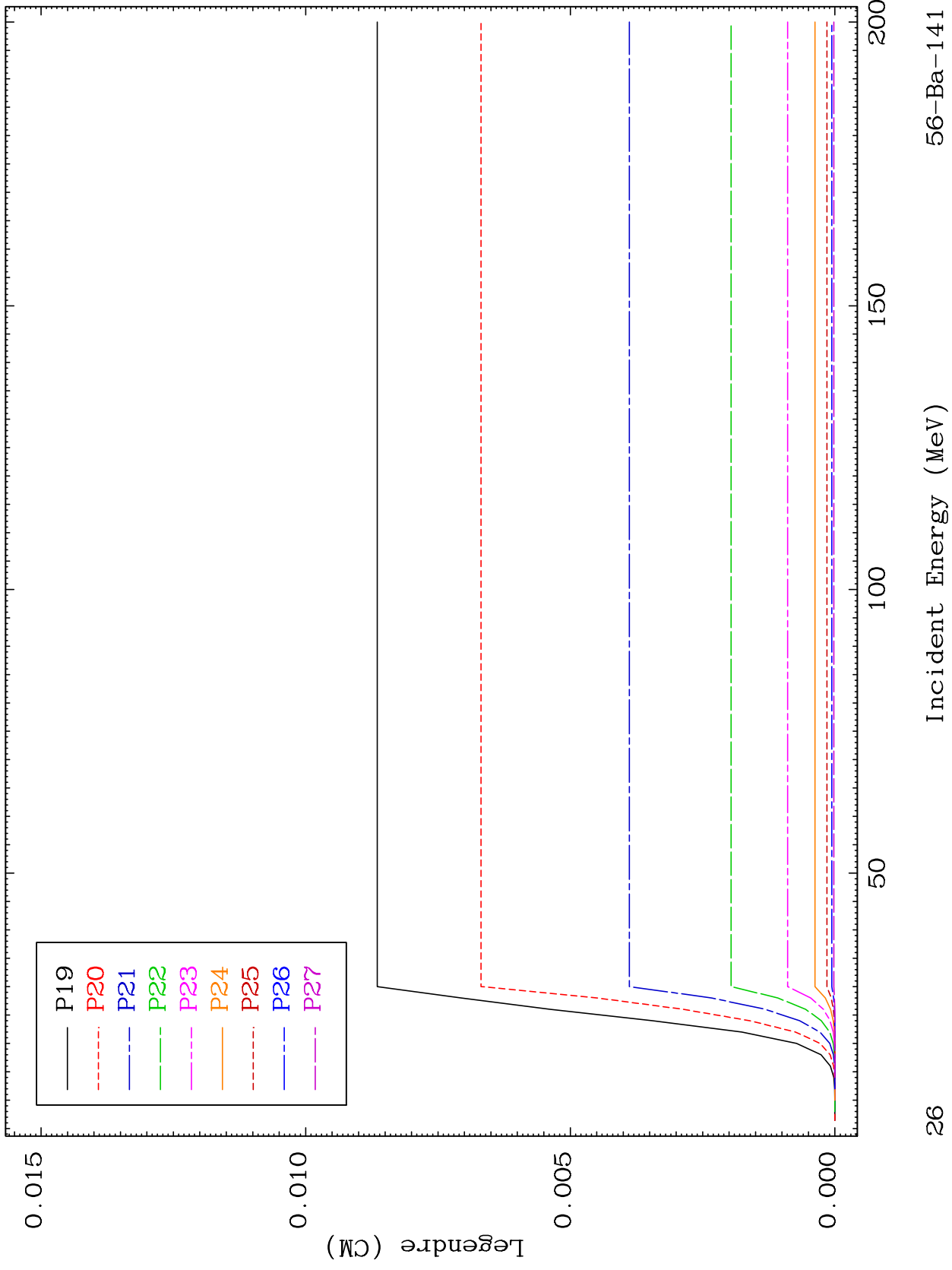
24



MAT 5658

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

56-Ba-141



26

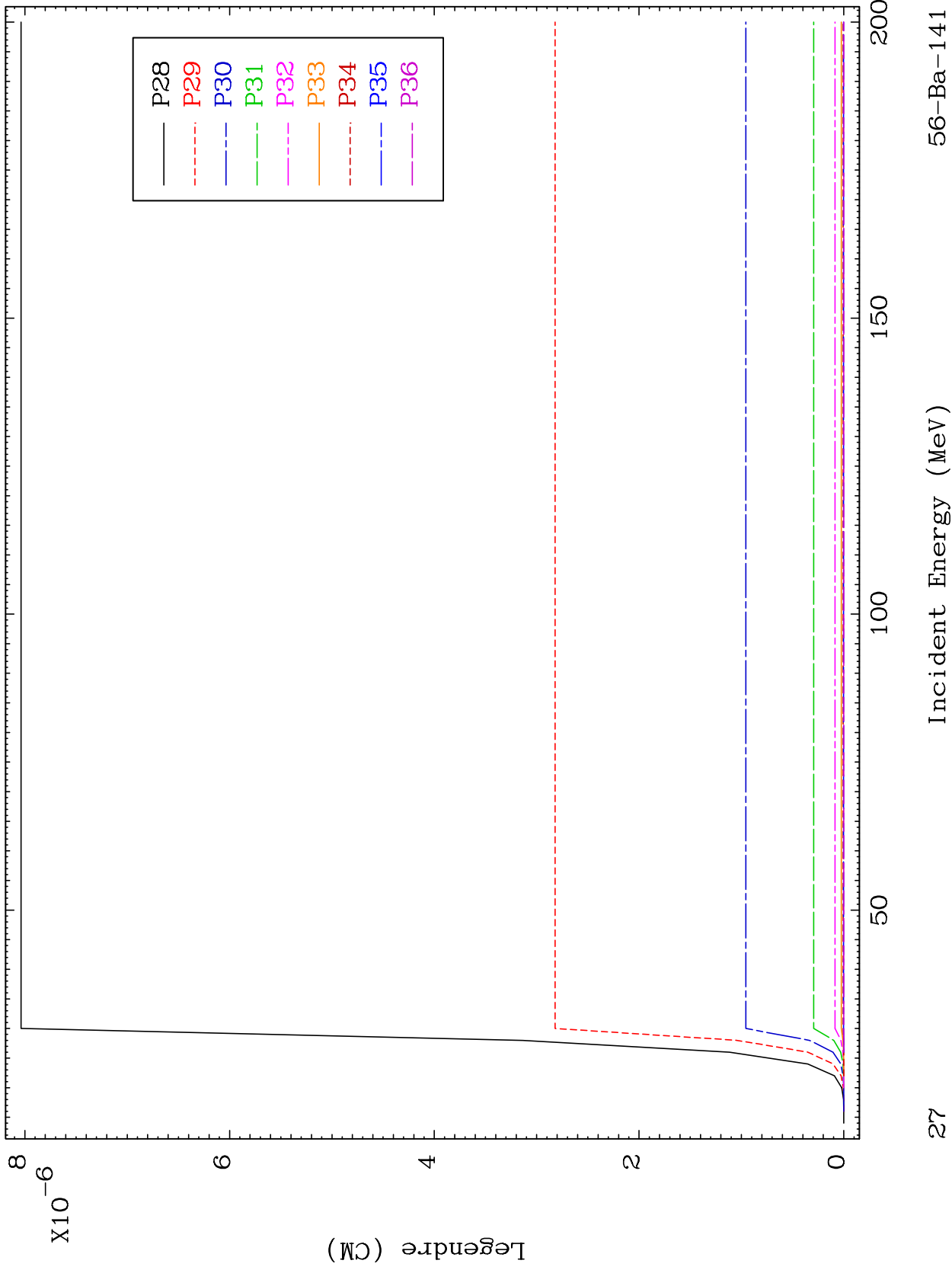
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



27

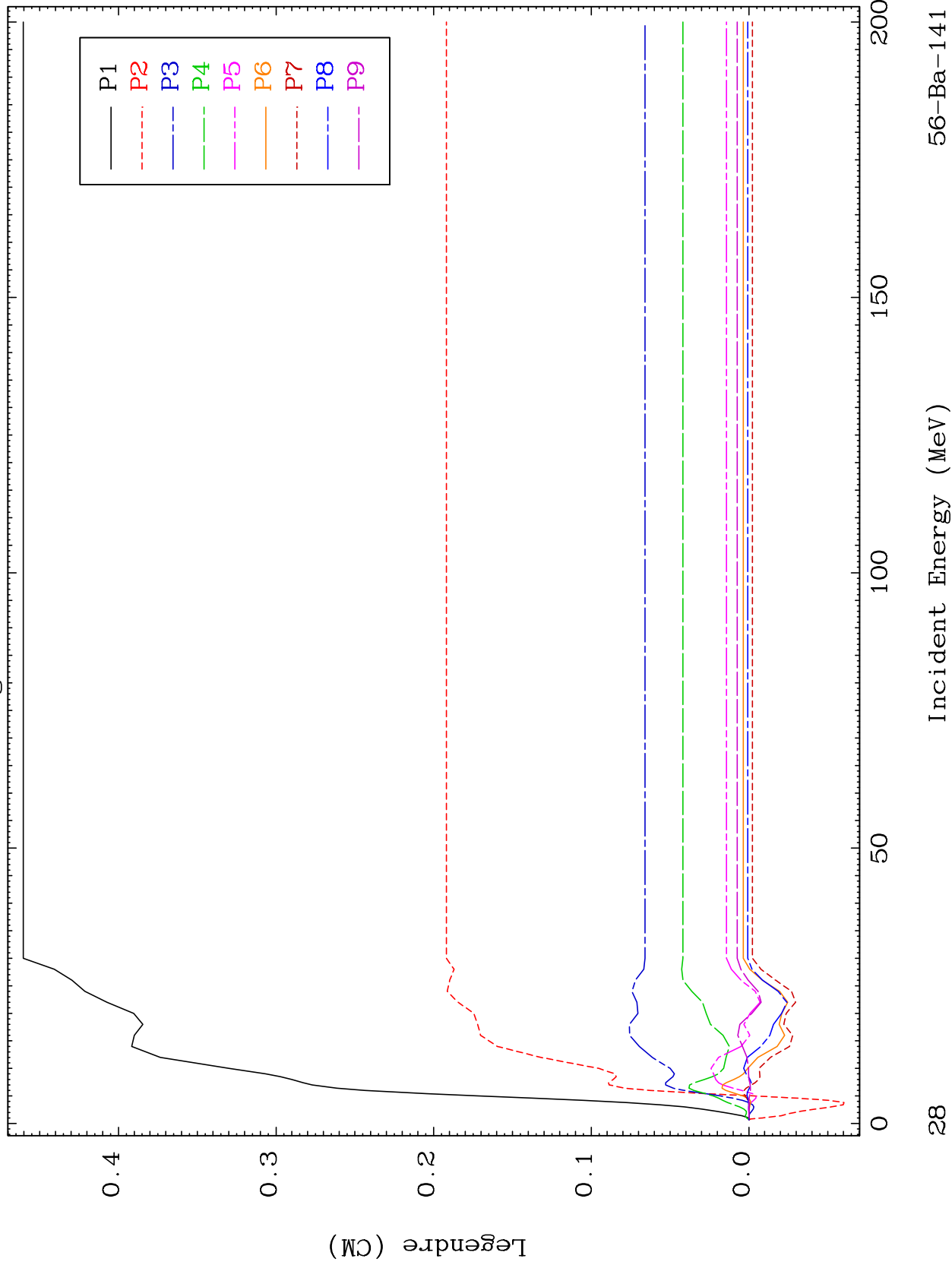
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



56-Ba-141

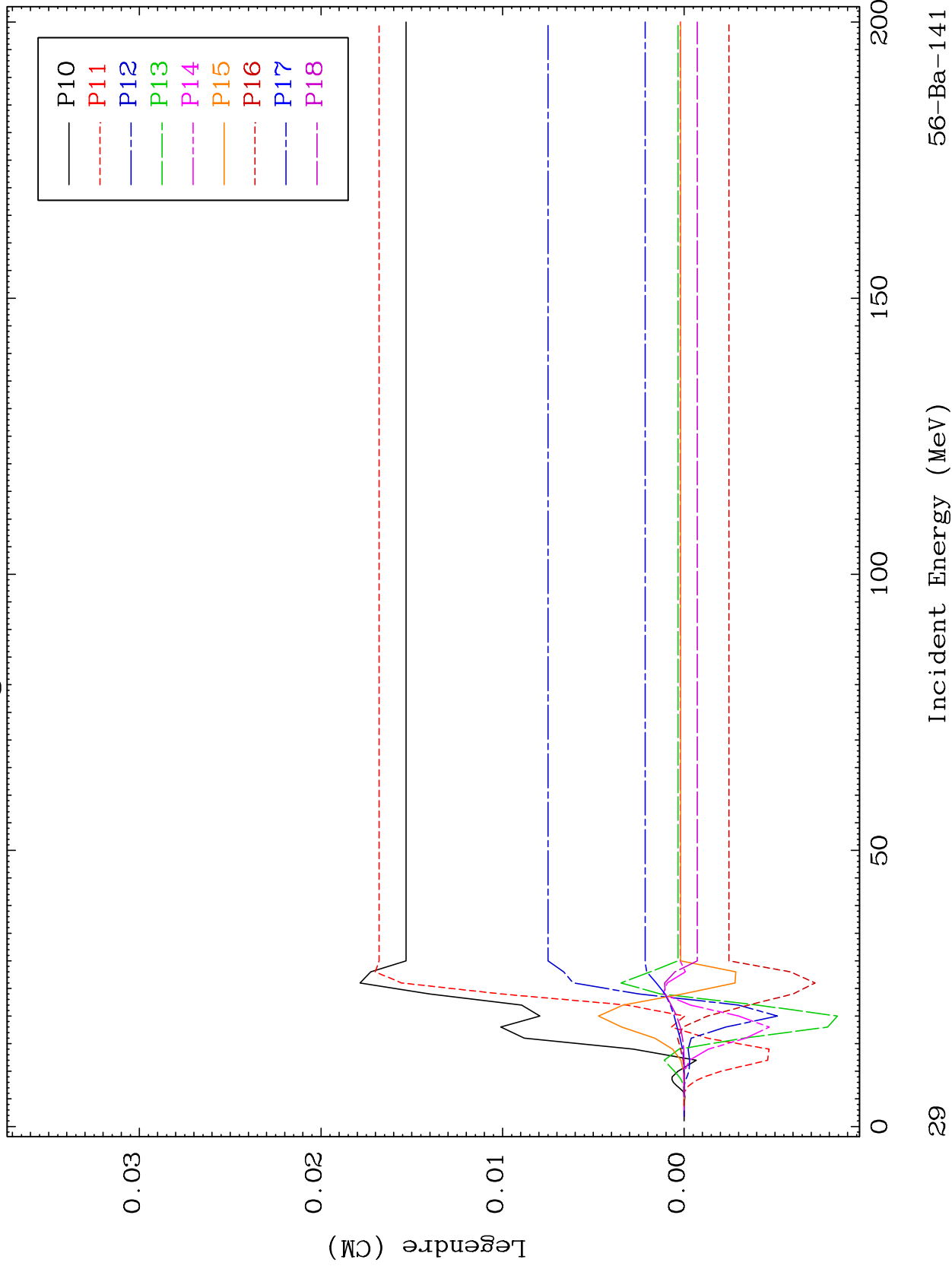
Incident Energy (MeV)

28

MAT 5658

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

56-Ba-141



56-Ba-141

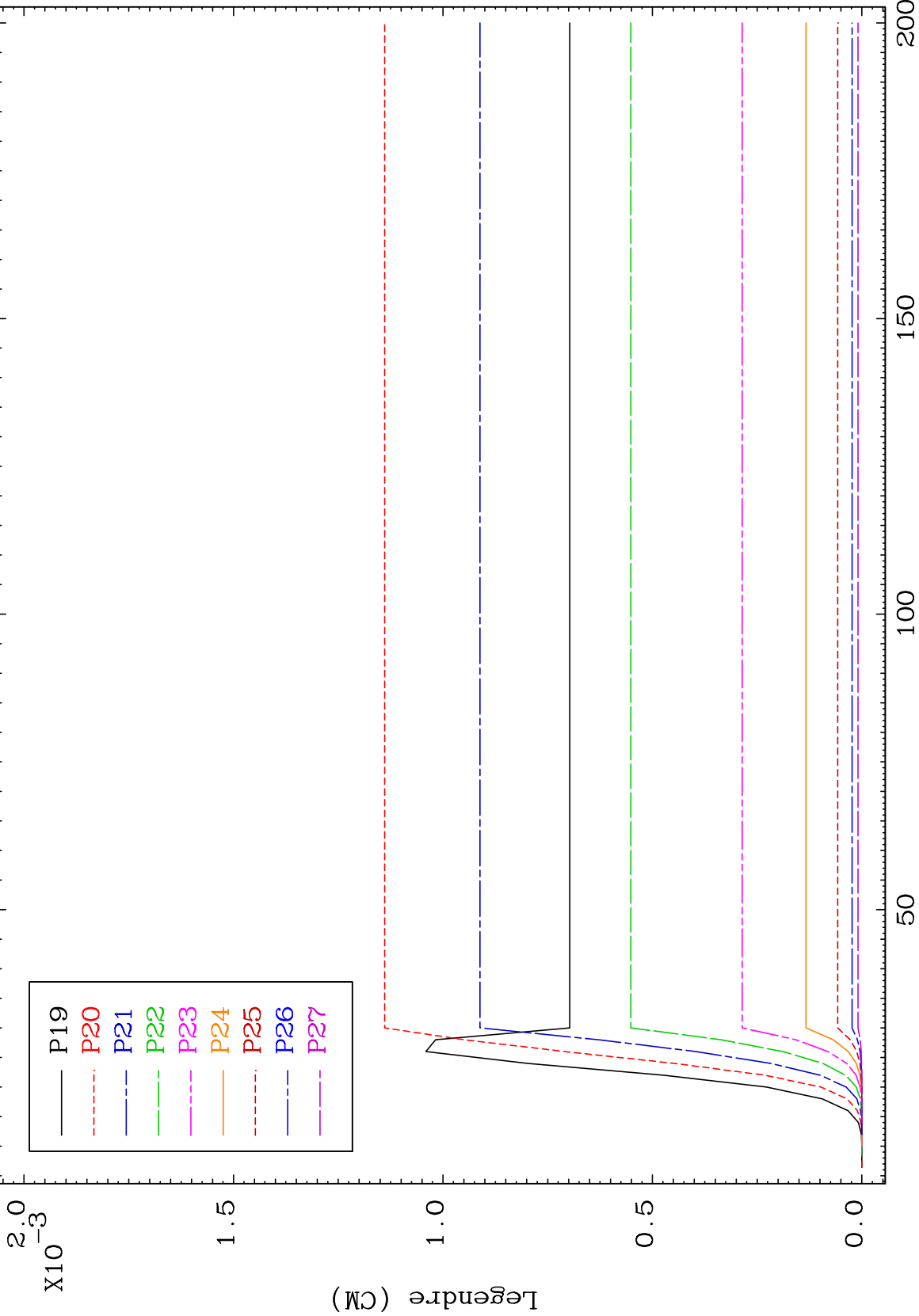
Incident Energy (MeV)

29

MAT 5658

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

56-Ba-141



30

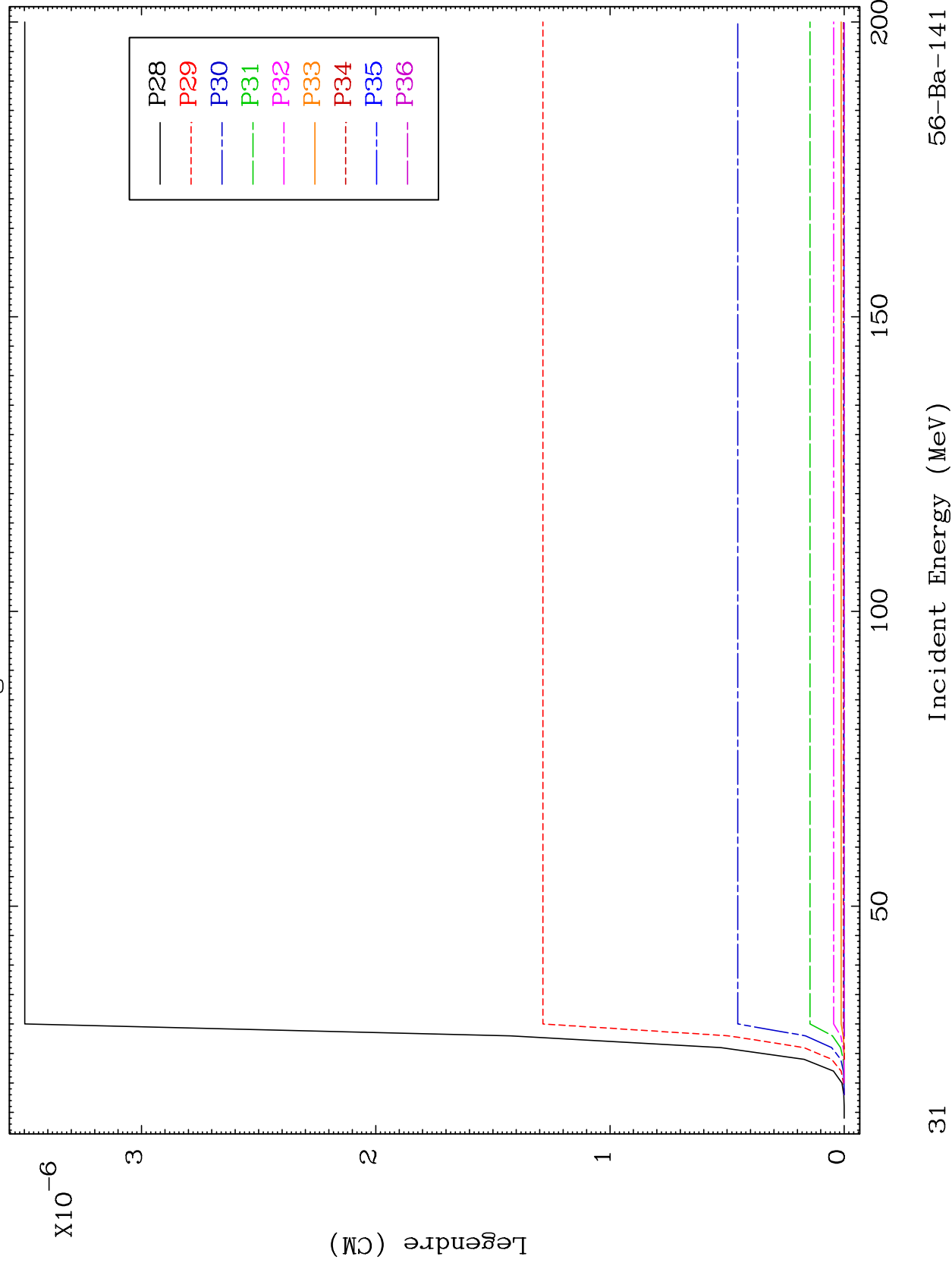
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



31

Incident Energy (MeV)

56-Ba-141

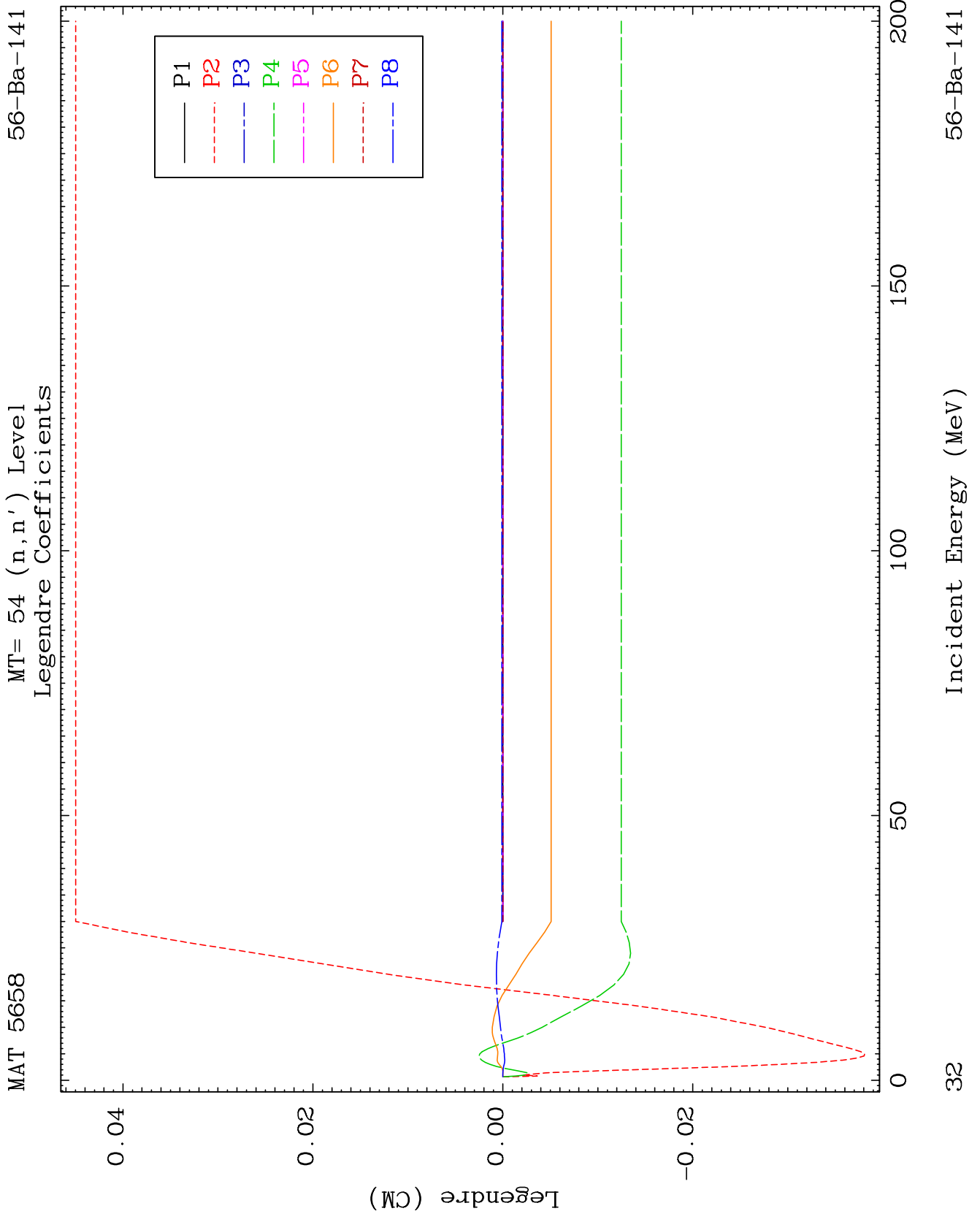
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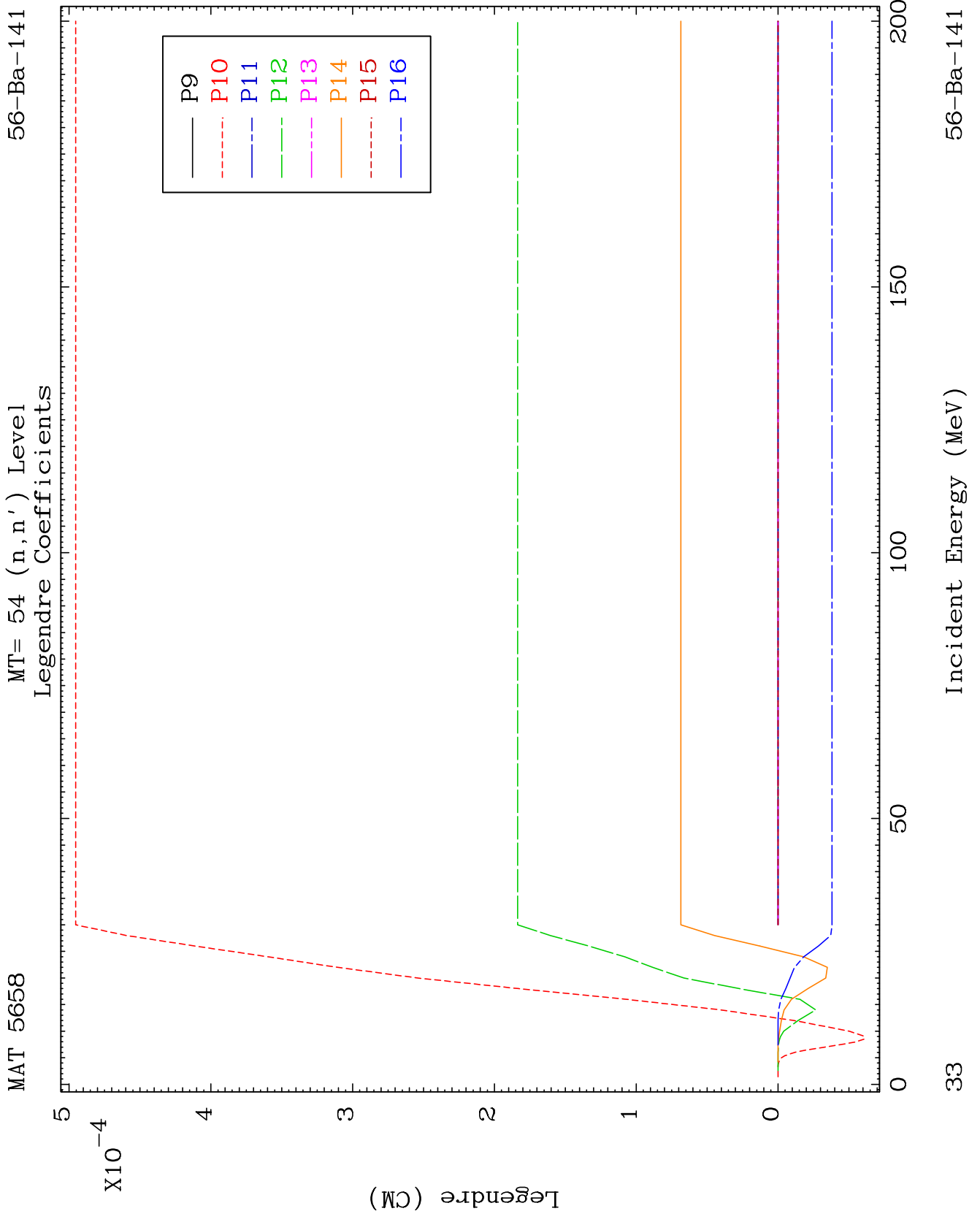
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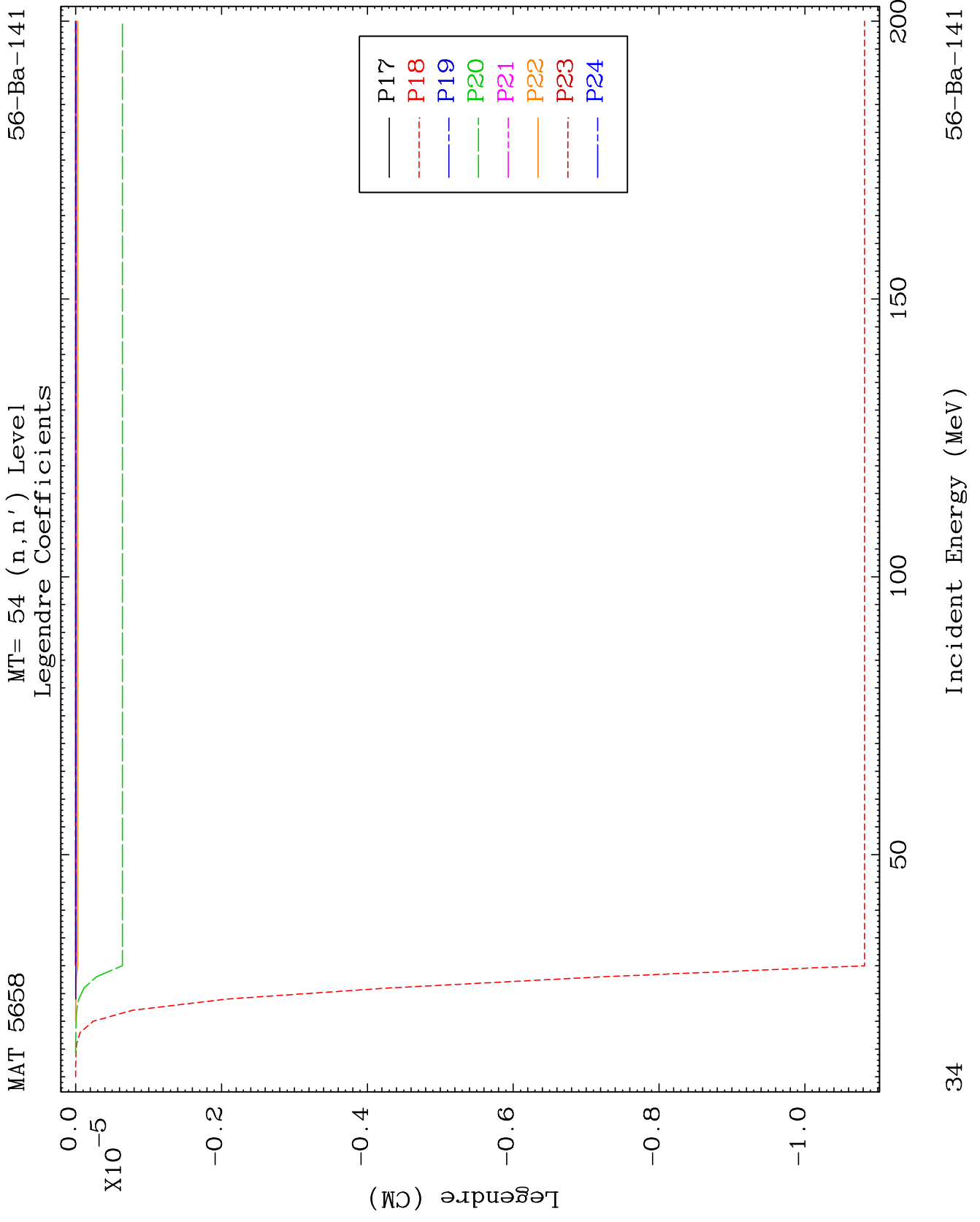
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50





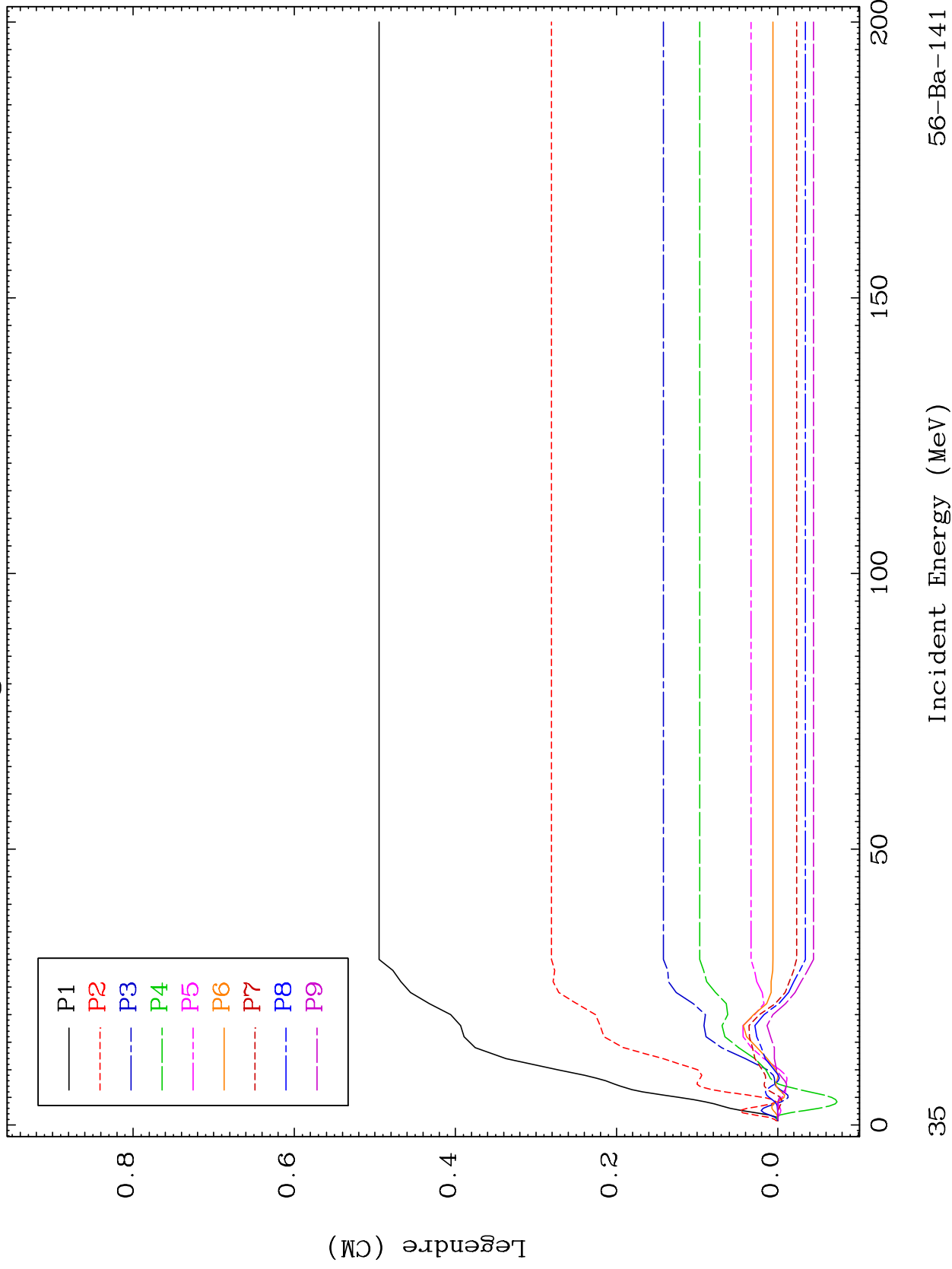




MAT 5658

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

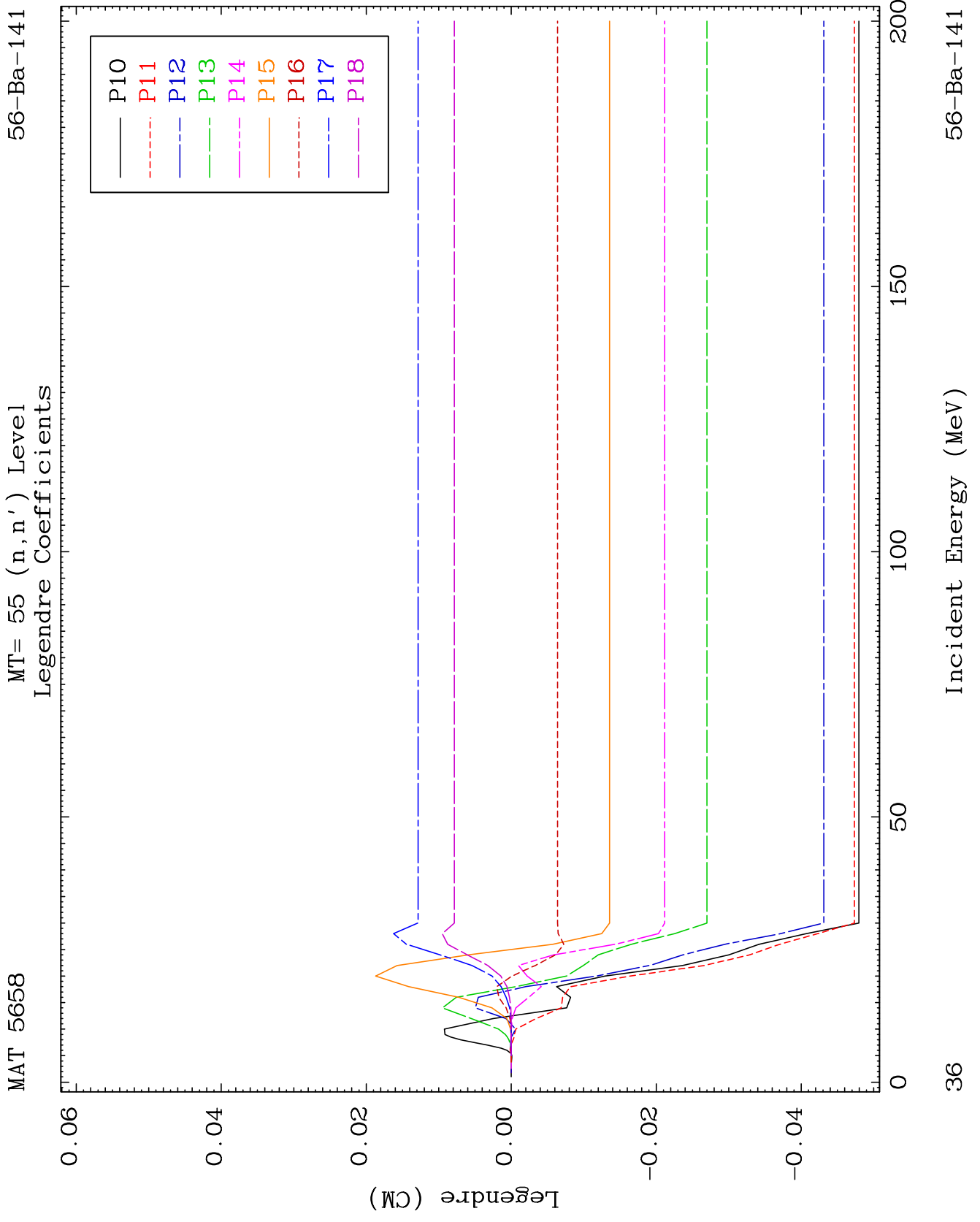
56-Ba-141



56-Ba-141

Incident Energy (MeV)

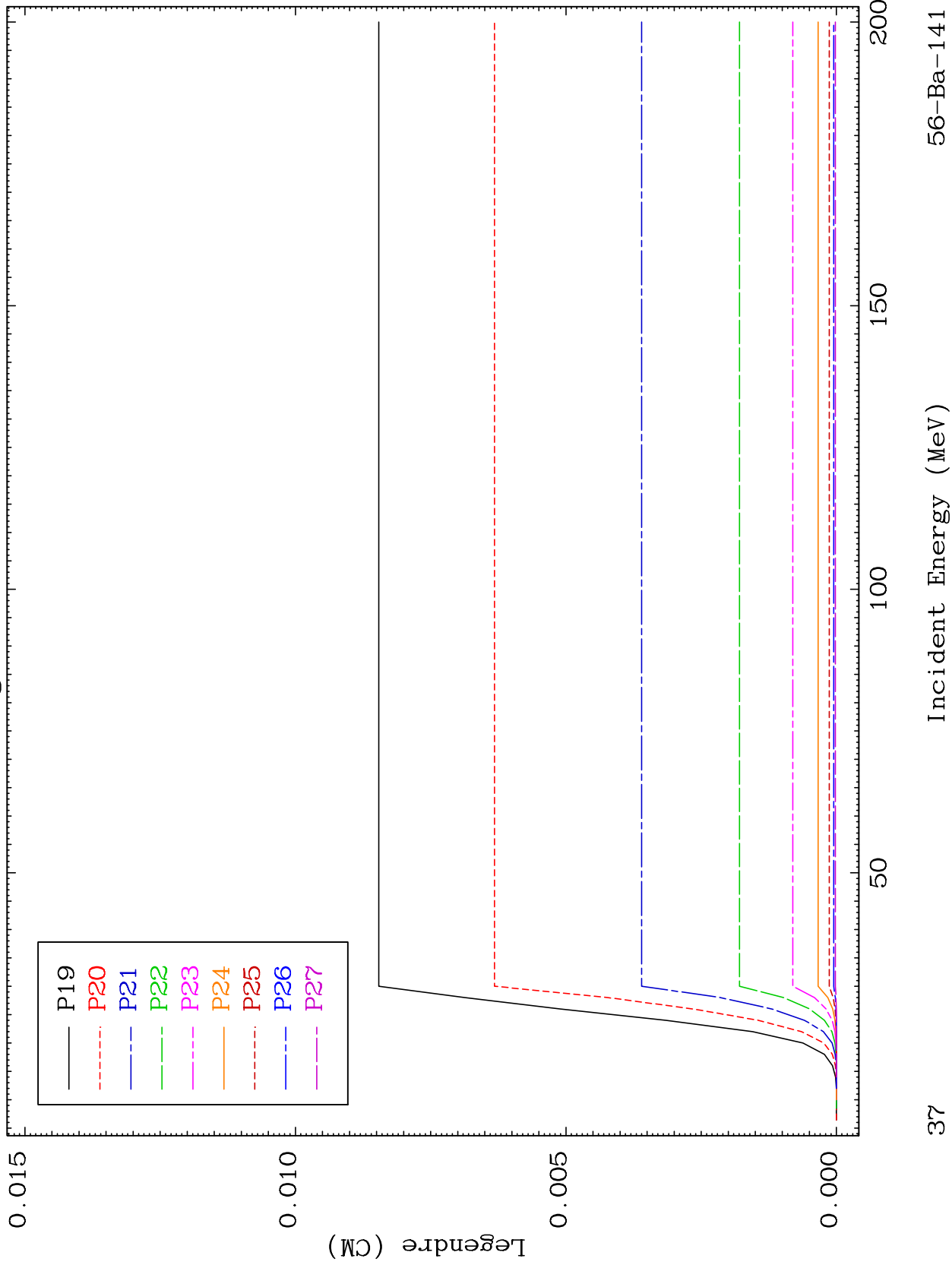
35



MAT 5658

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

56-Ba-141



37

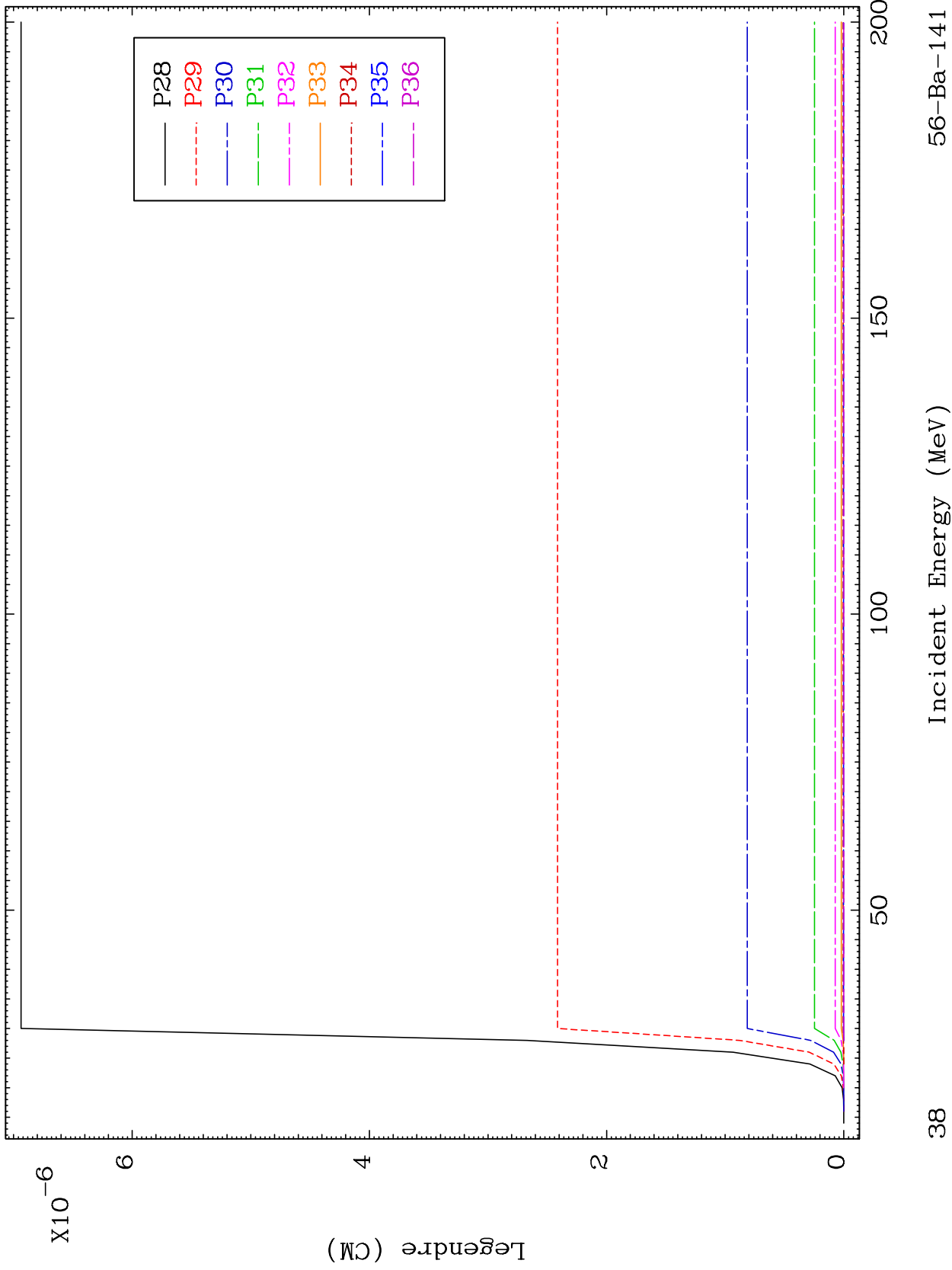
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



38

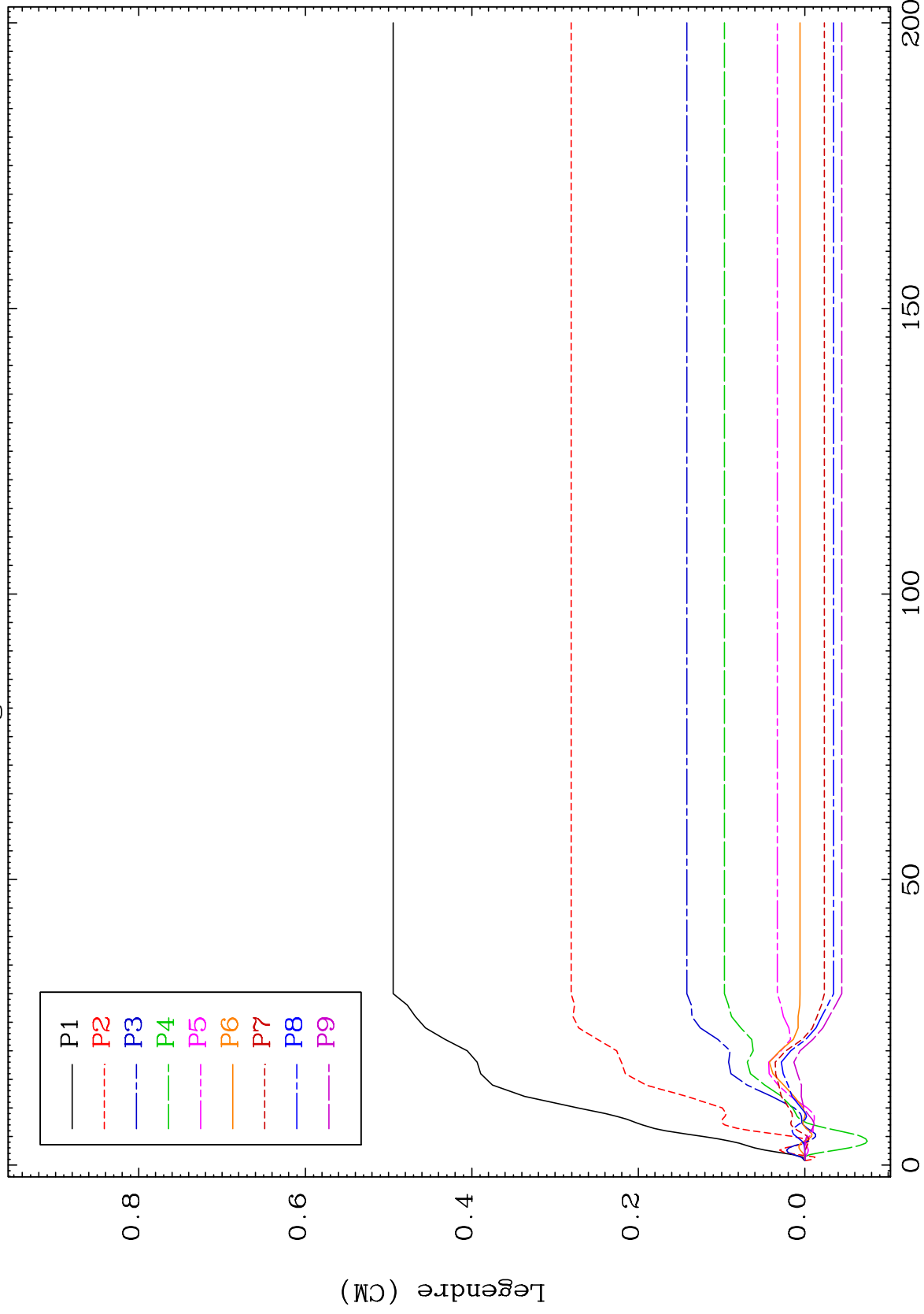
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



39

Incident Energy (MeV)

56-Ba-141

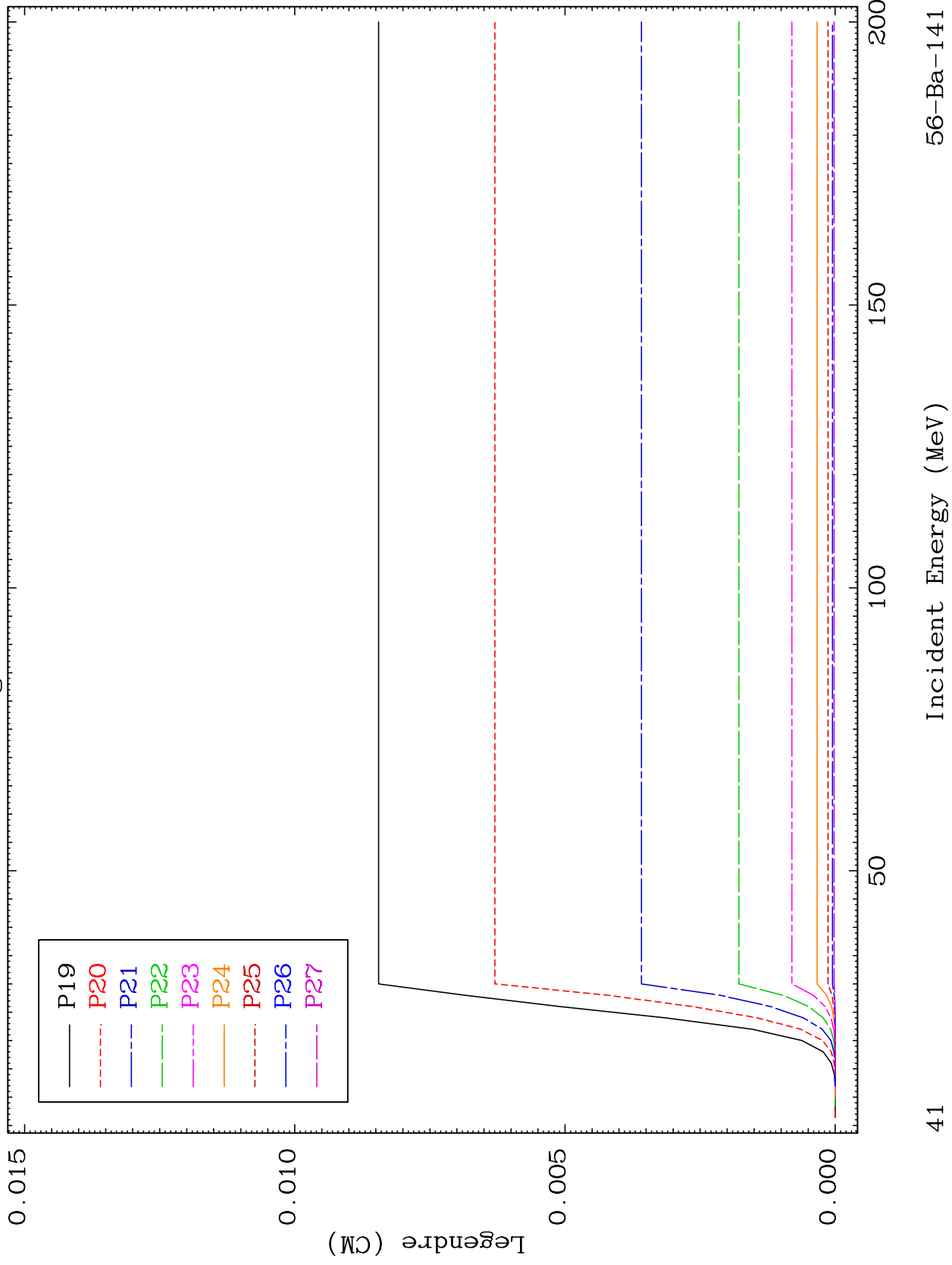




MAT 5658

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

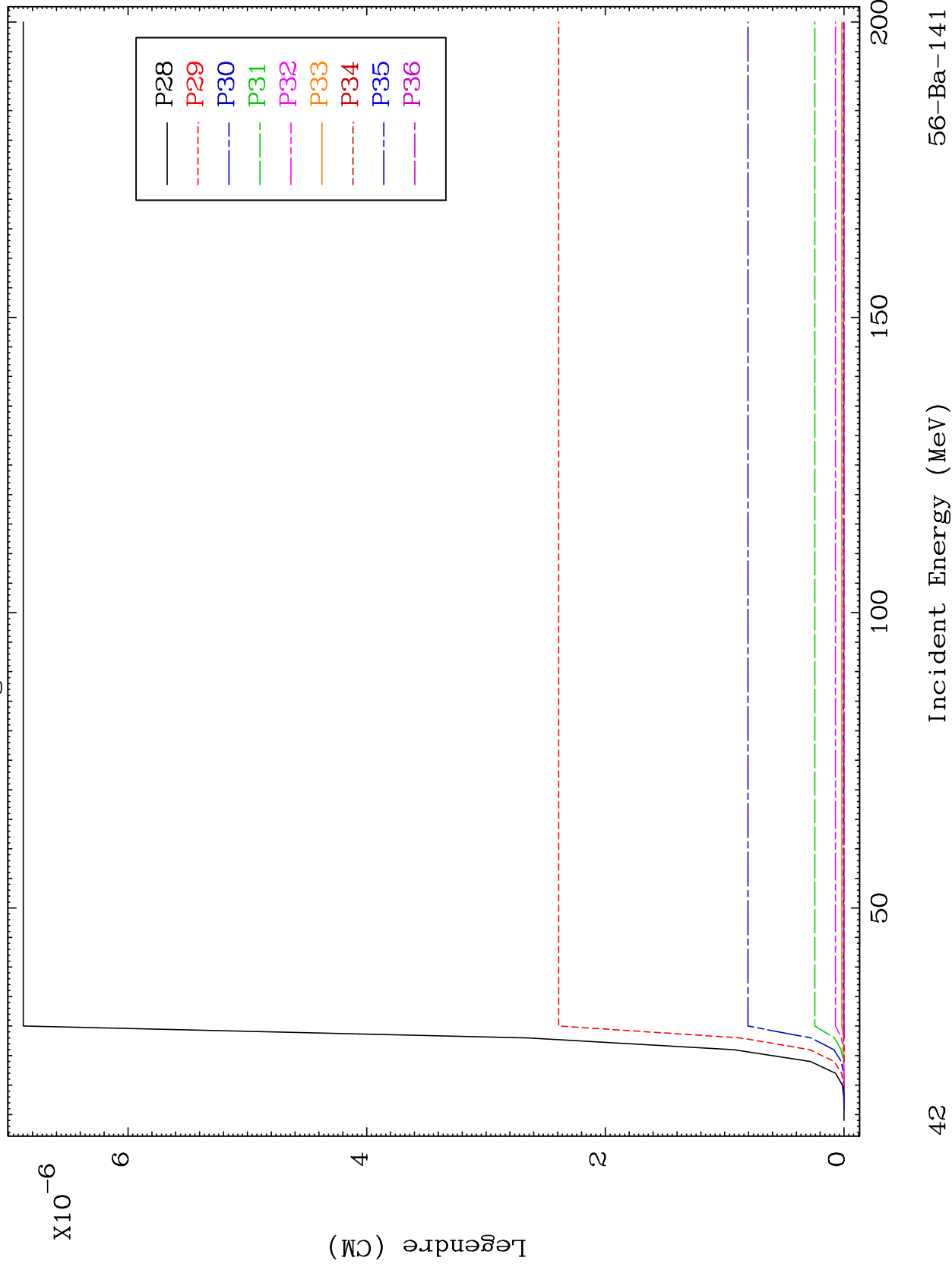
56-Ba-141



MAT 5658

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

56-Ba-141



42

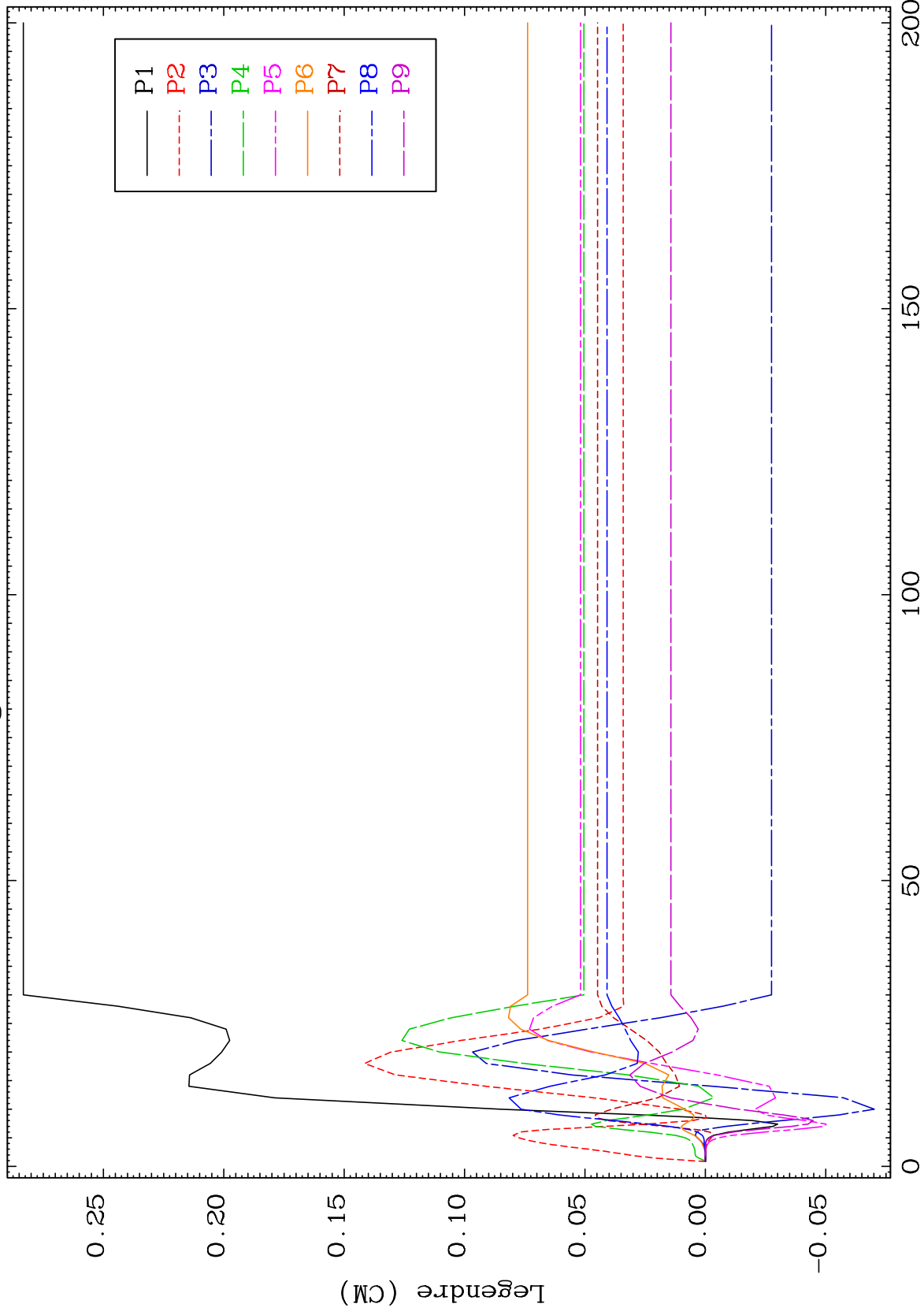
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



43

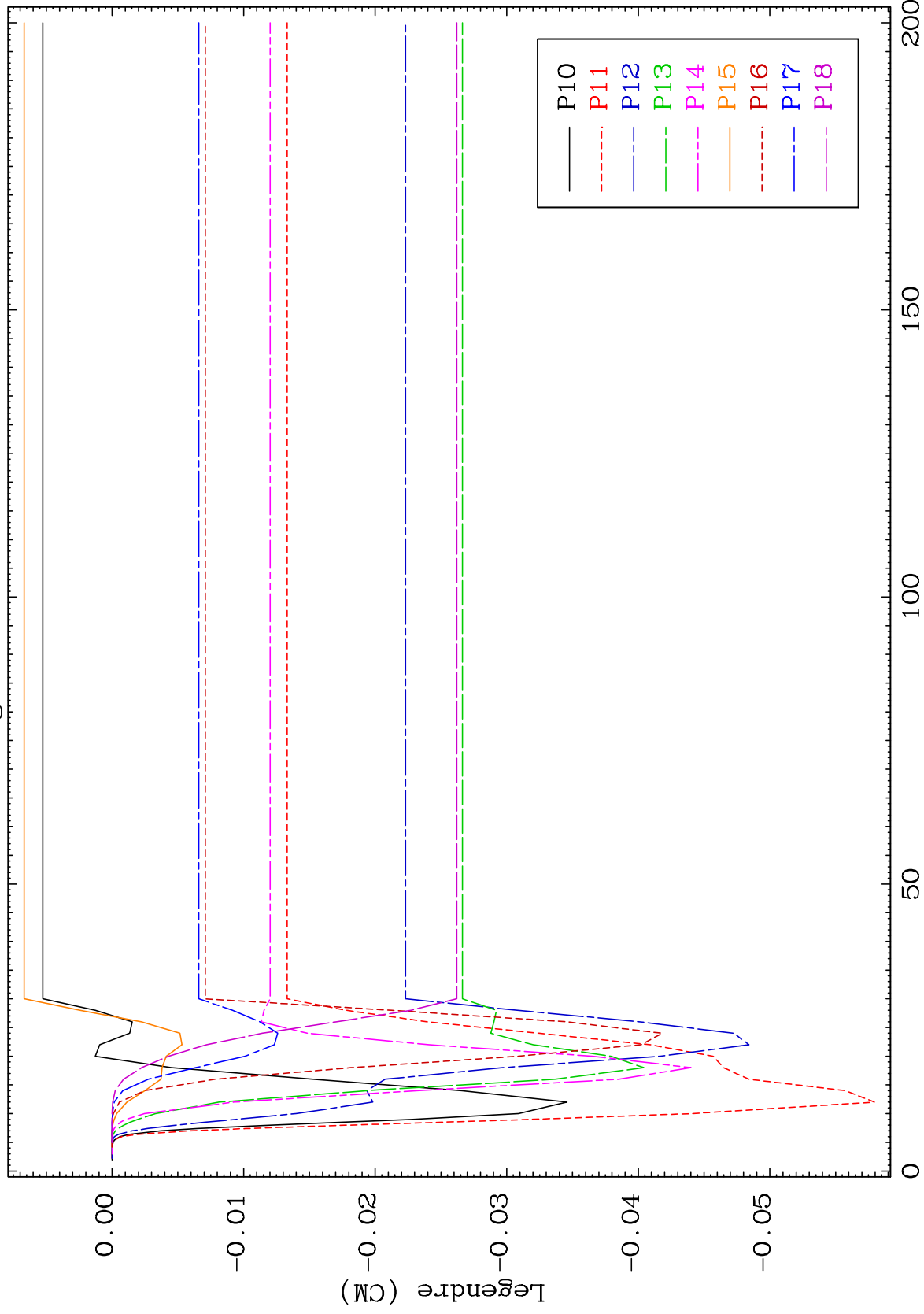
Incident Energy (MeV)

56-Ba-141

MAT 5658

56-Ba-141

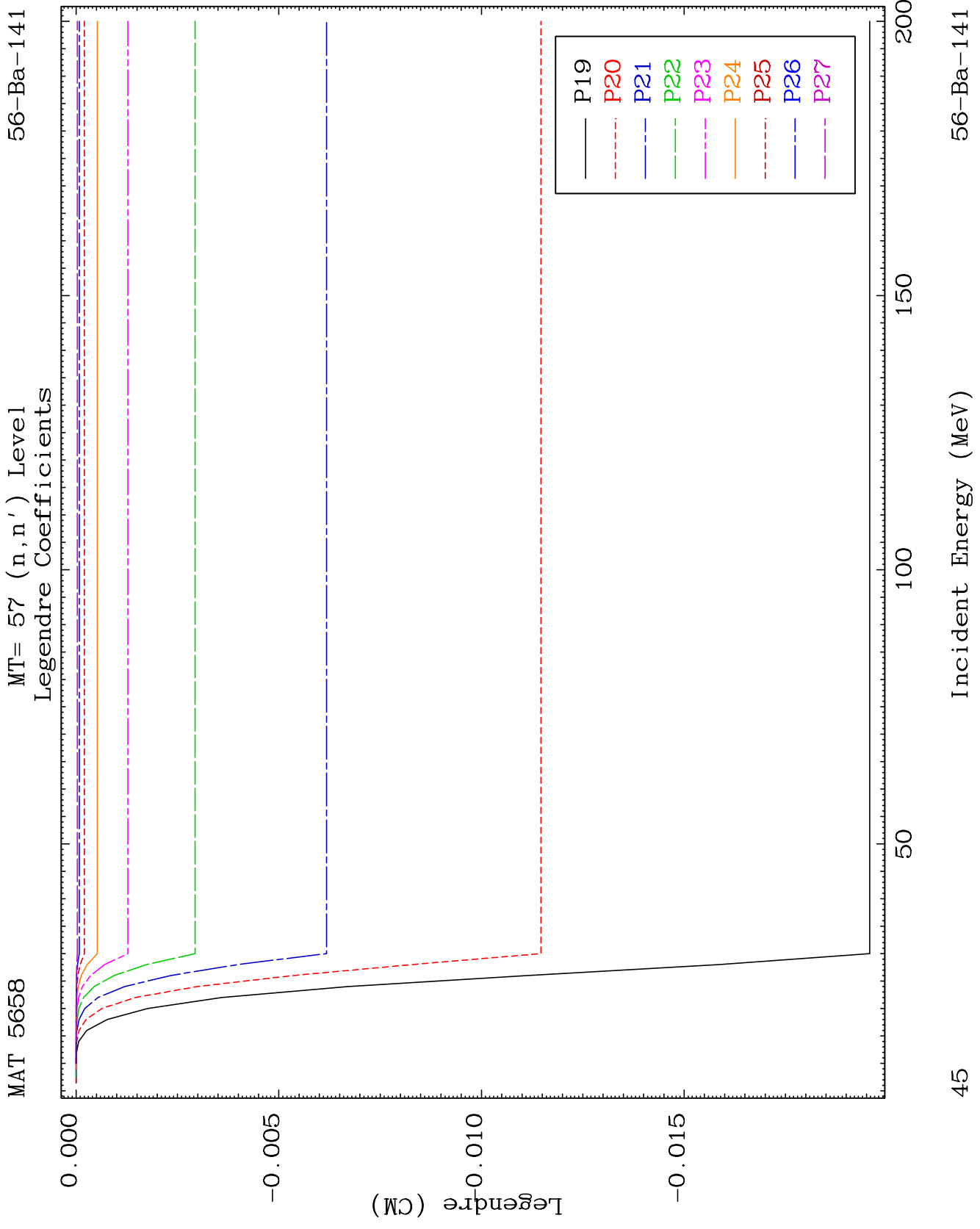
MT= 57 (n,n') Level  
Legendre Coefficients

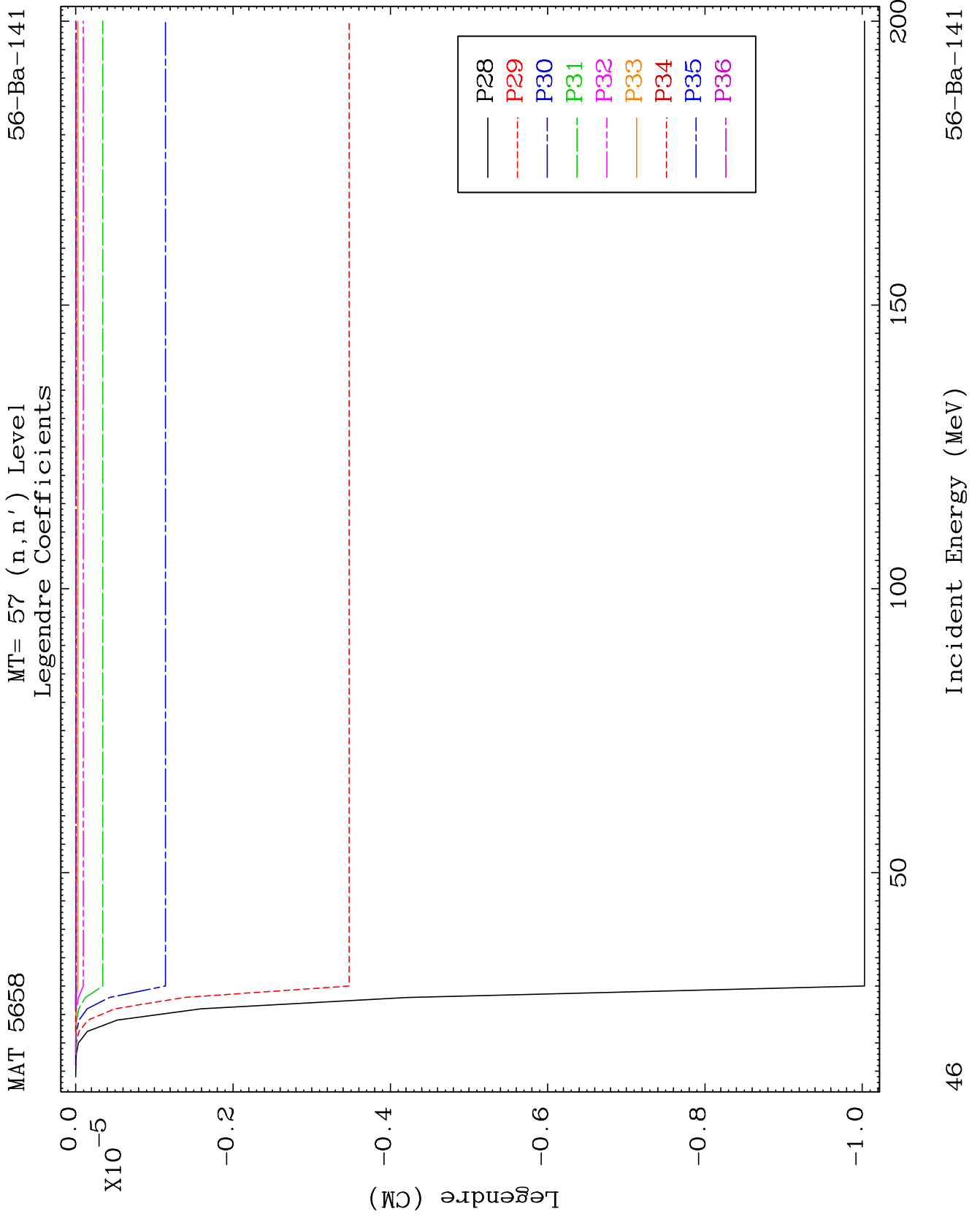


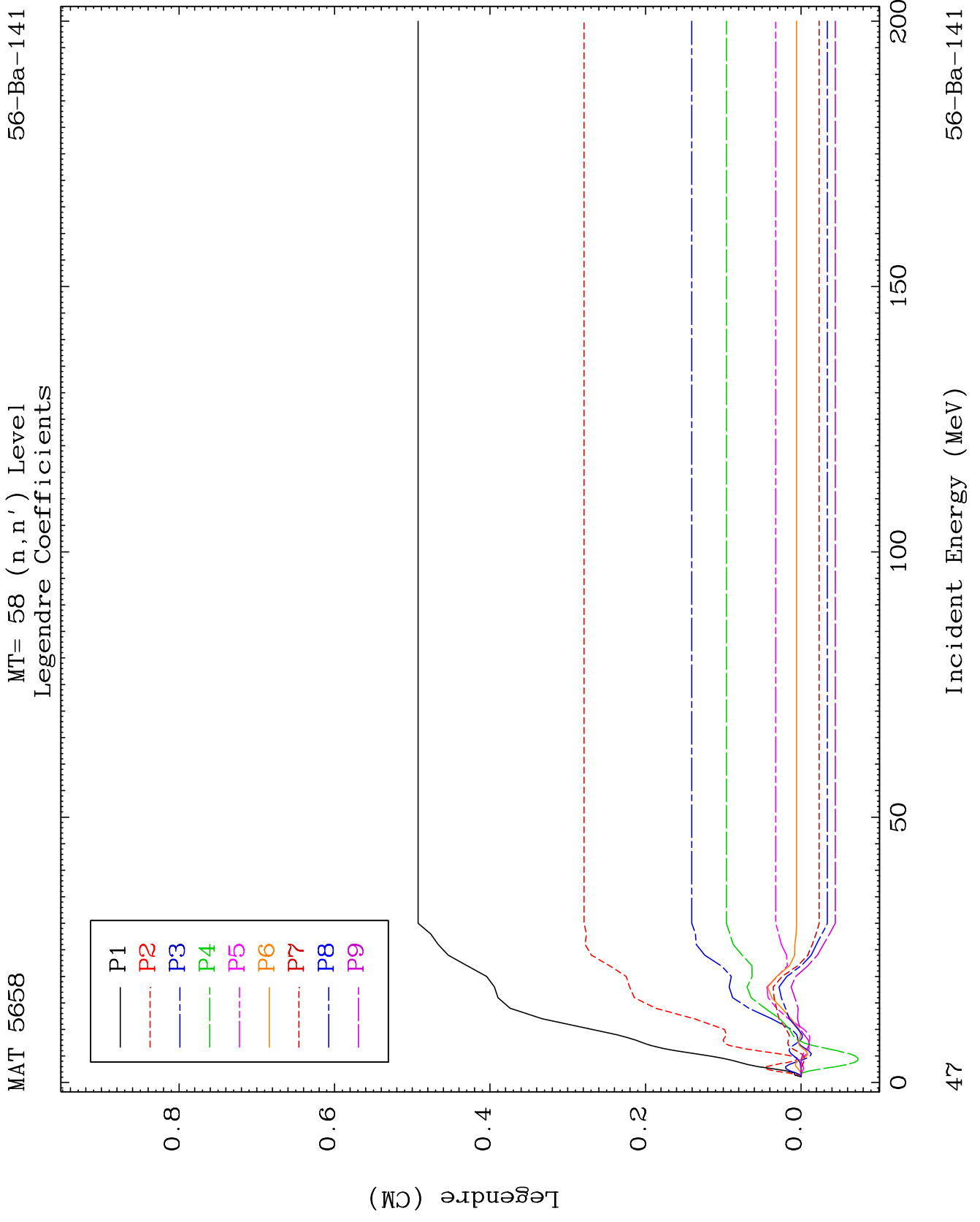
44

Incident Energy (MeV)

56-Ba-141





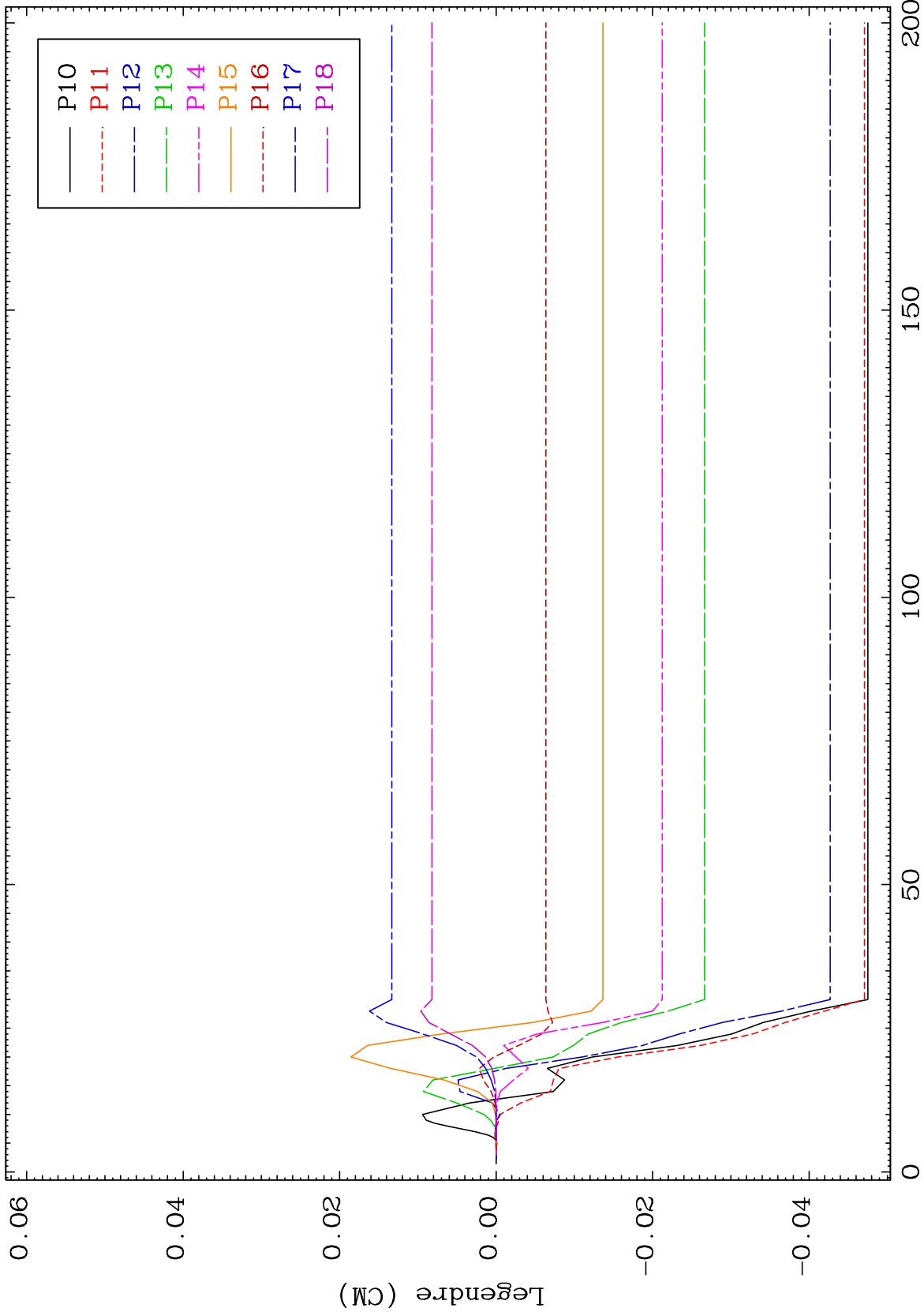




MAT 5658

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

56-Ba-141



48

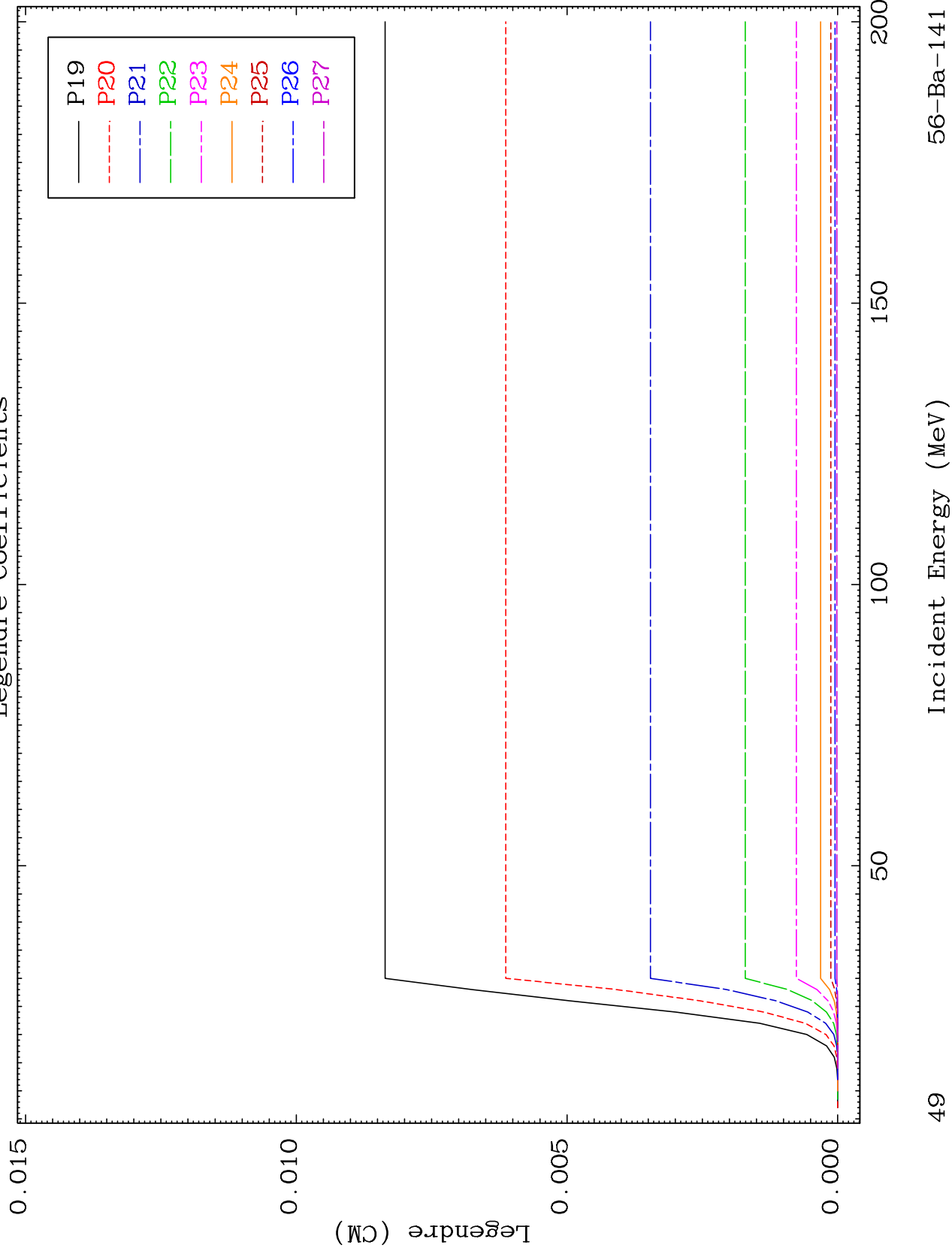
Incident Energy (MeV)

56-Ba-141

MAT 5658

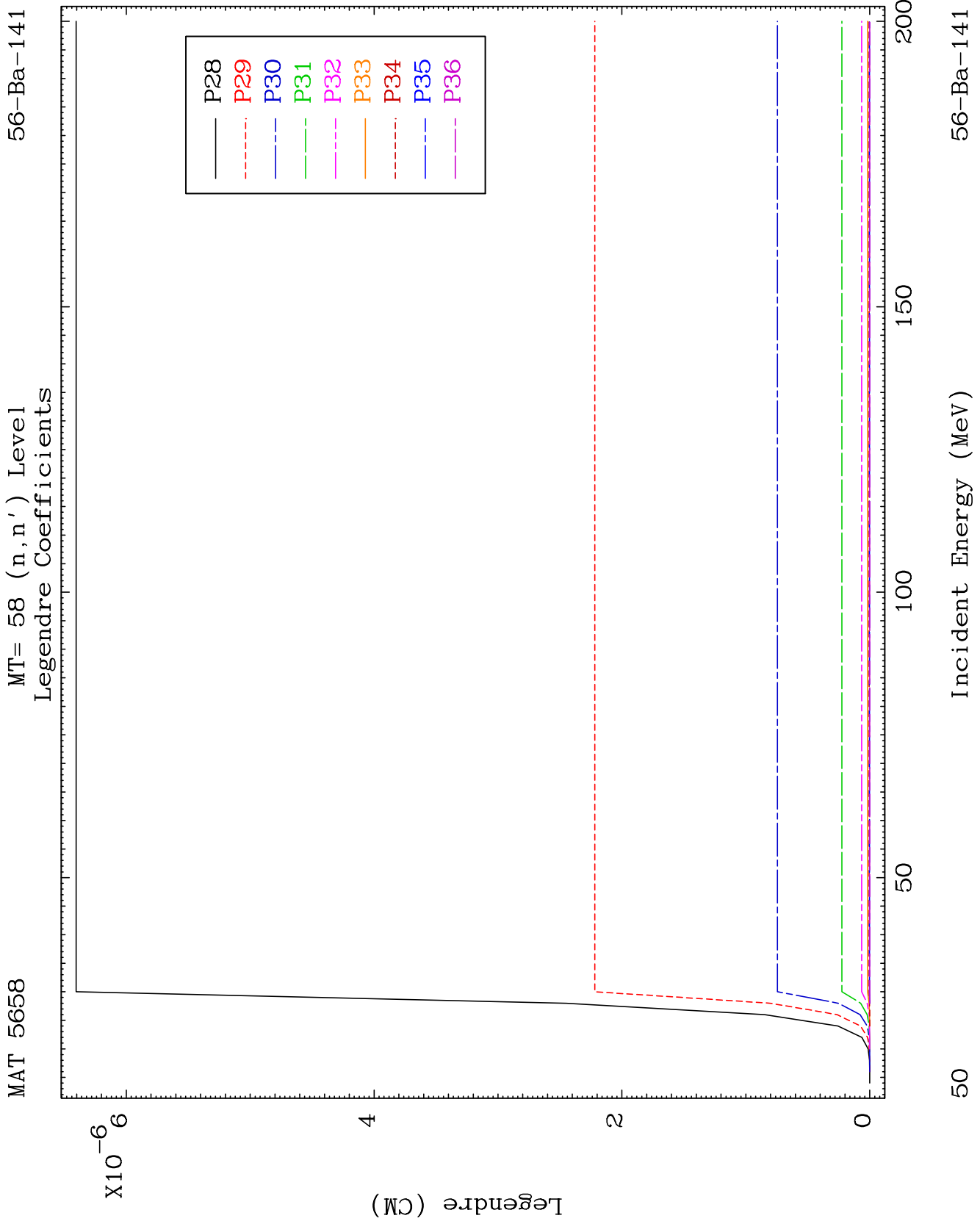
MT= 58 (n,n') Level  
Legendre Coefficients

56-Ba-141



49

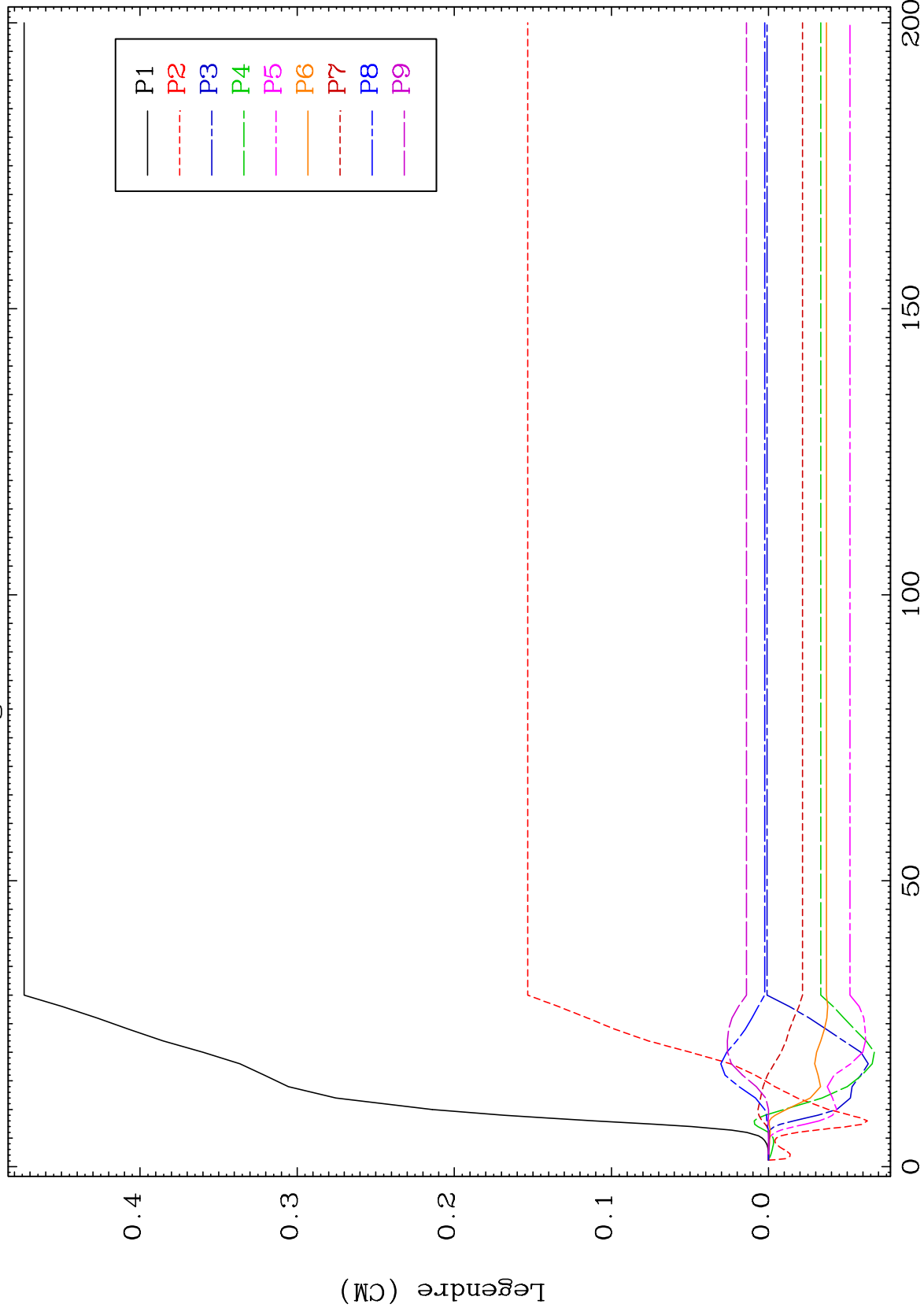
56-Ba-141



MAT 5658

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

56-Ba-141



56-Ba-141

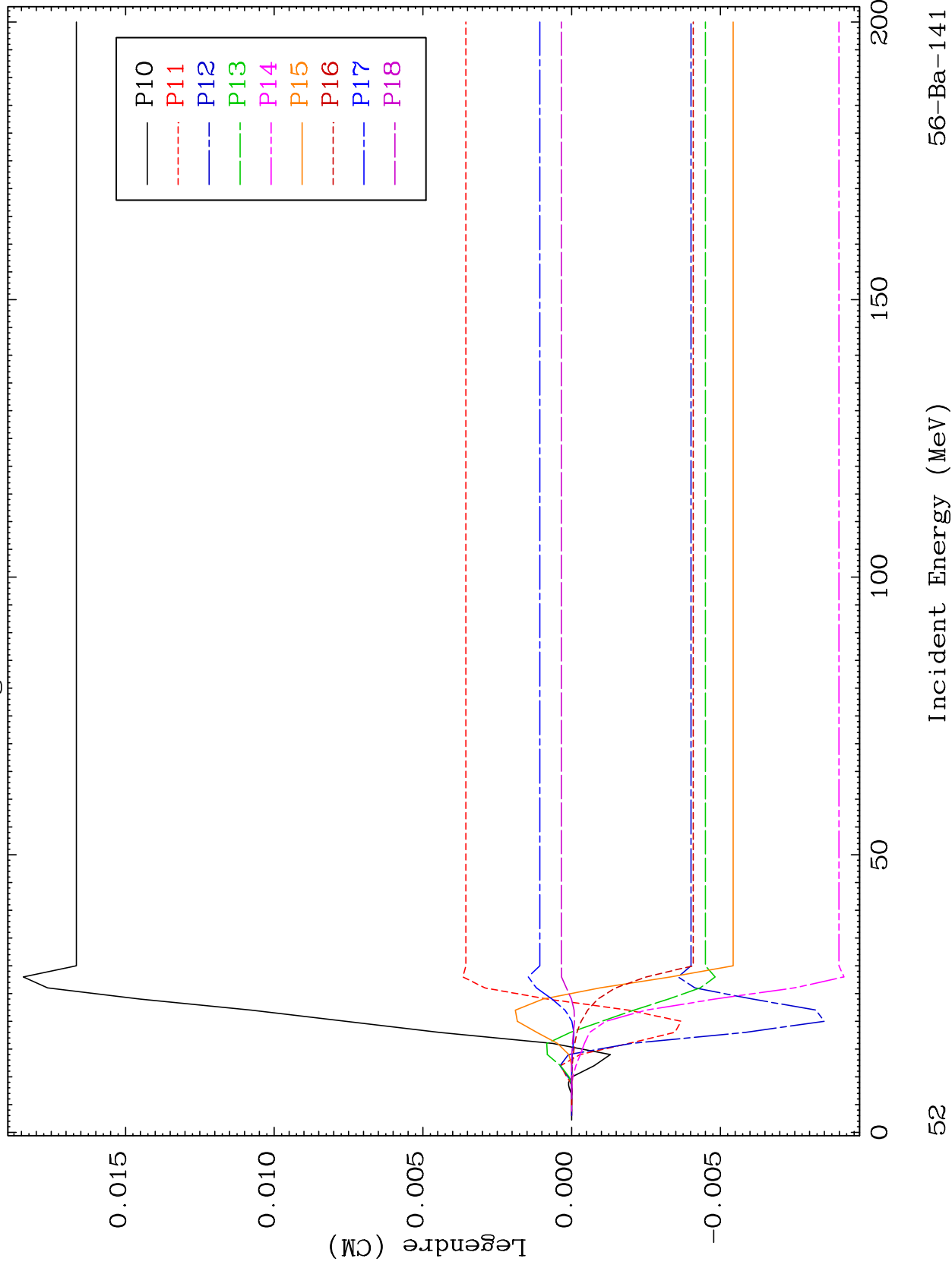
Incident Energy (MeV)

51

MAT 5658

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

56-Ba-141



56-Ba-141

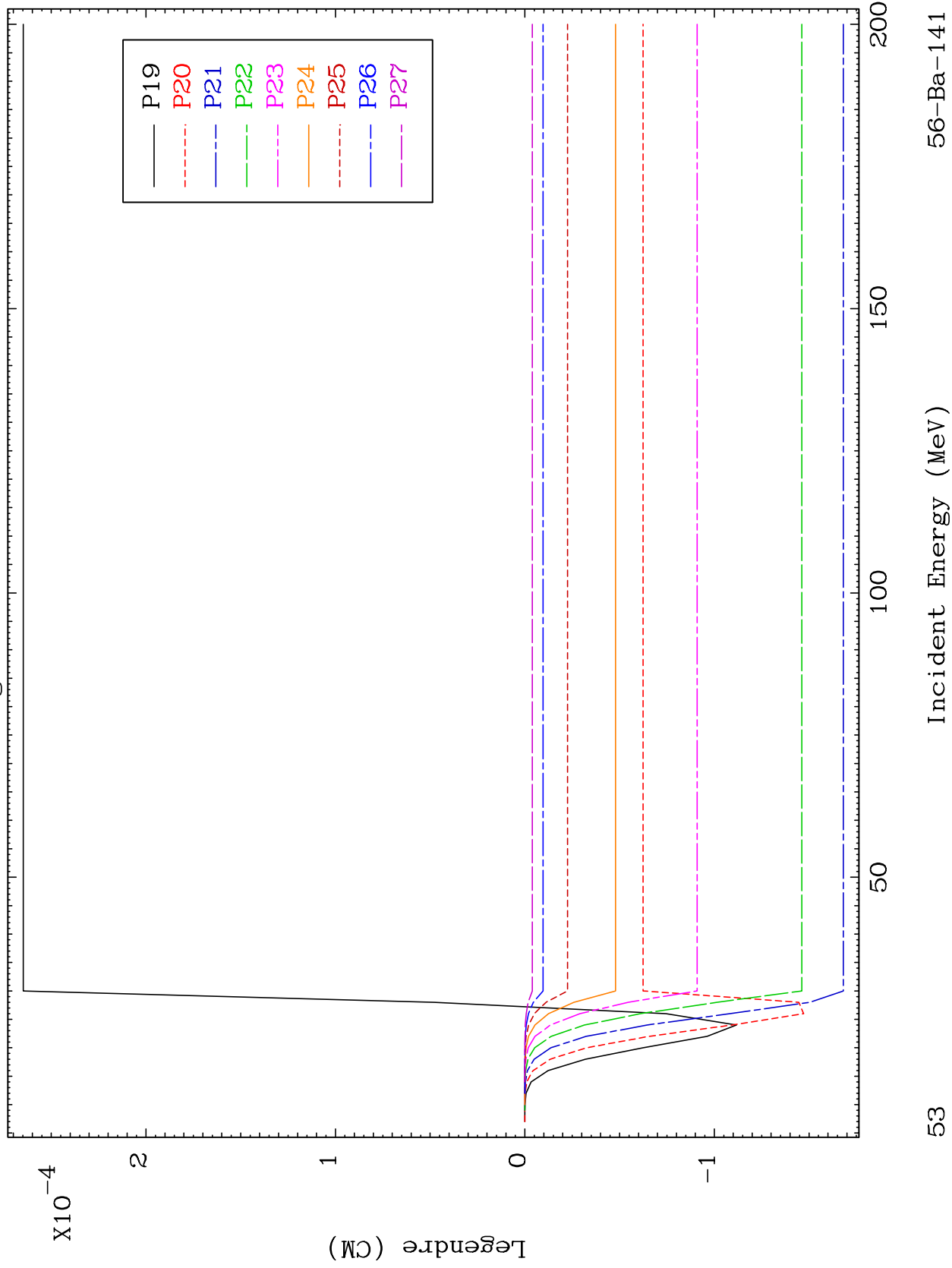
Incident Energy (MeV)

52

MAT 5658

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

56-Ba-141



53

56-Ba-141



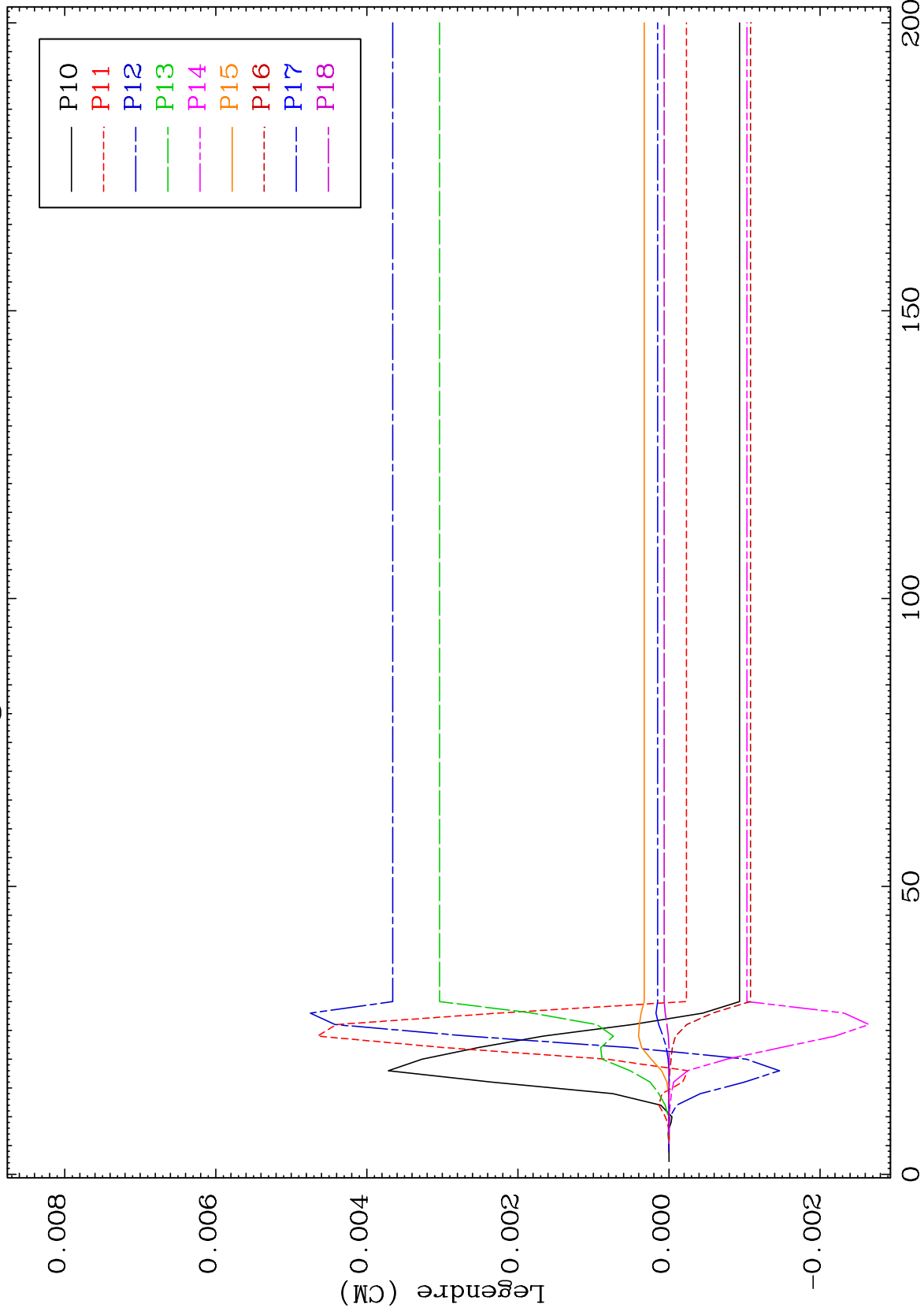




MAT 5658

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

56-Ba-141



56

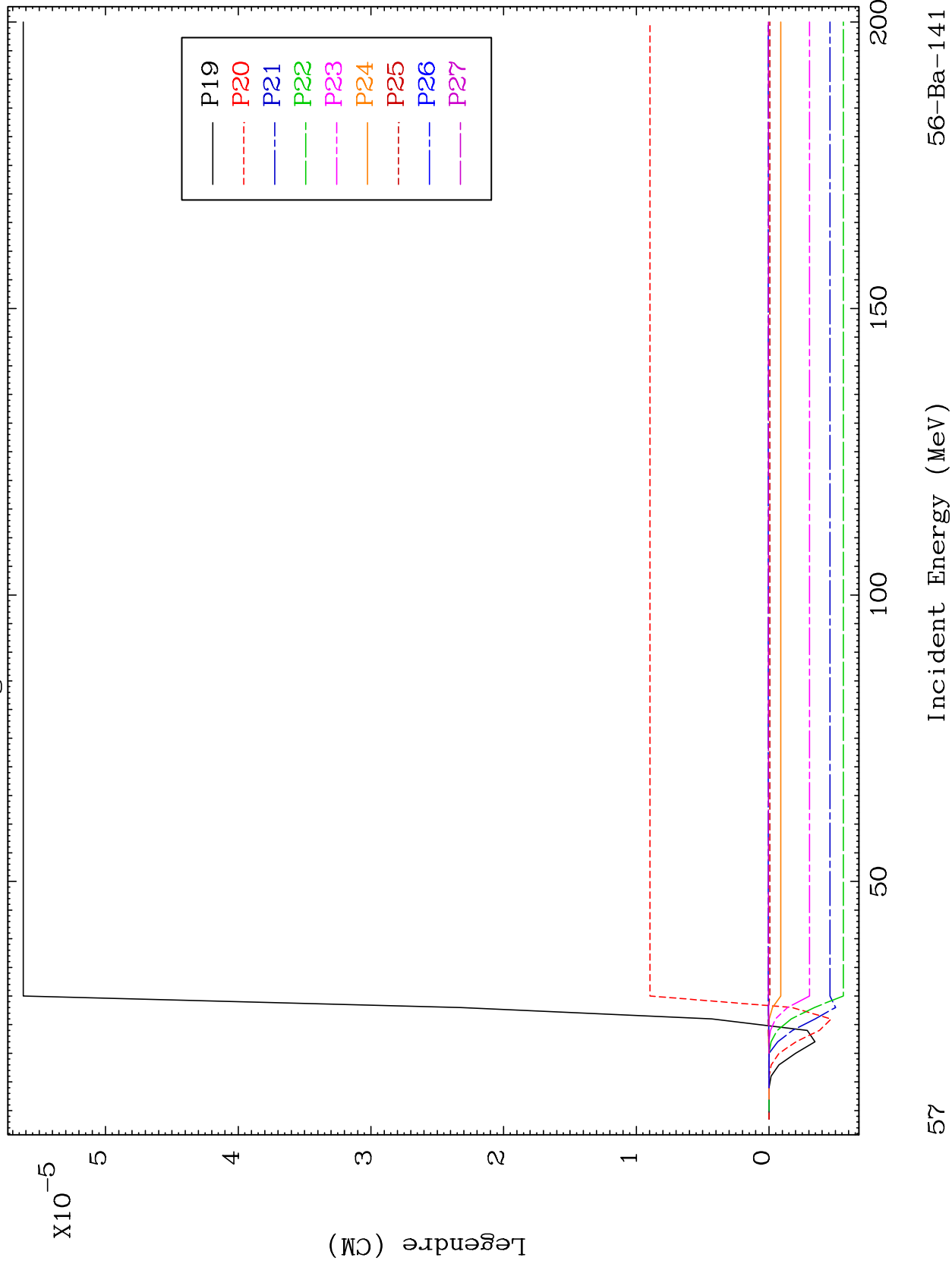
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141

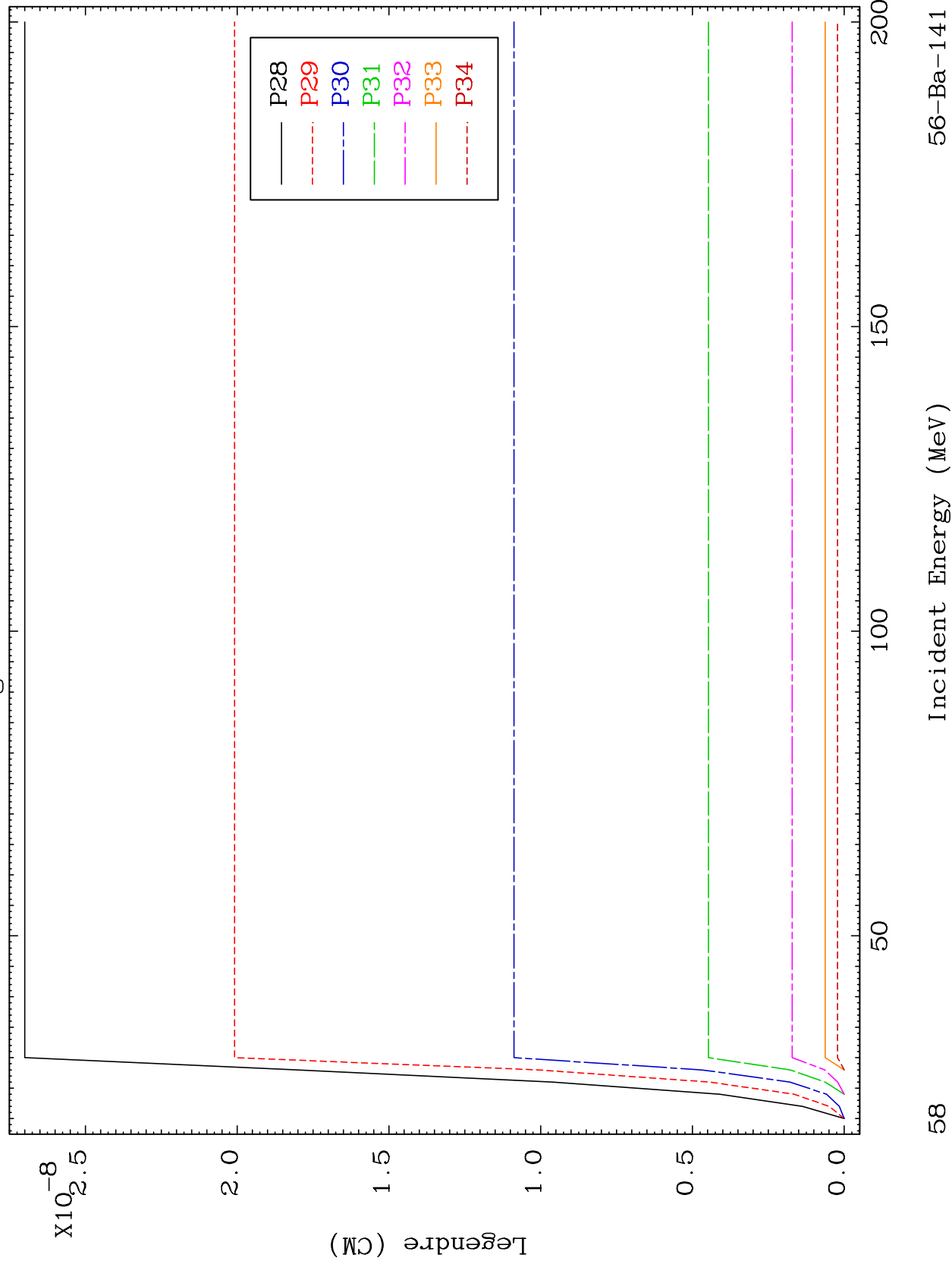


57

MAT 5658

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

56-Ba-141



58

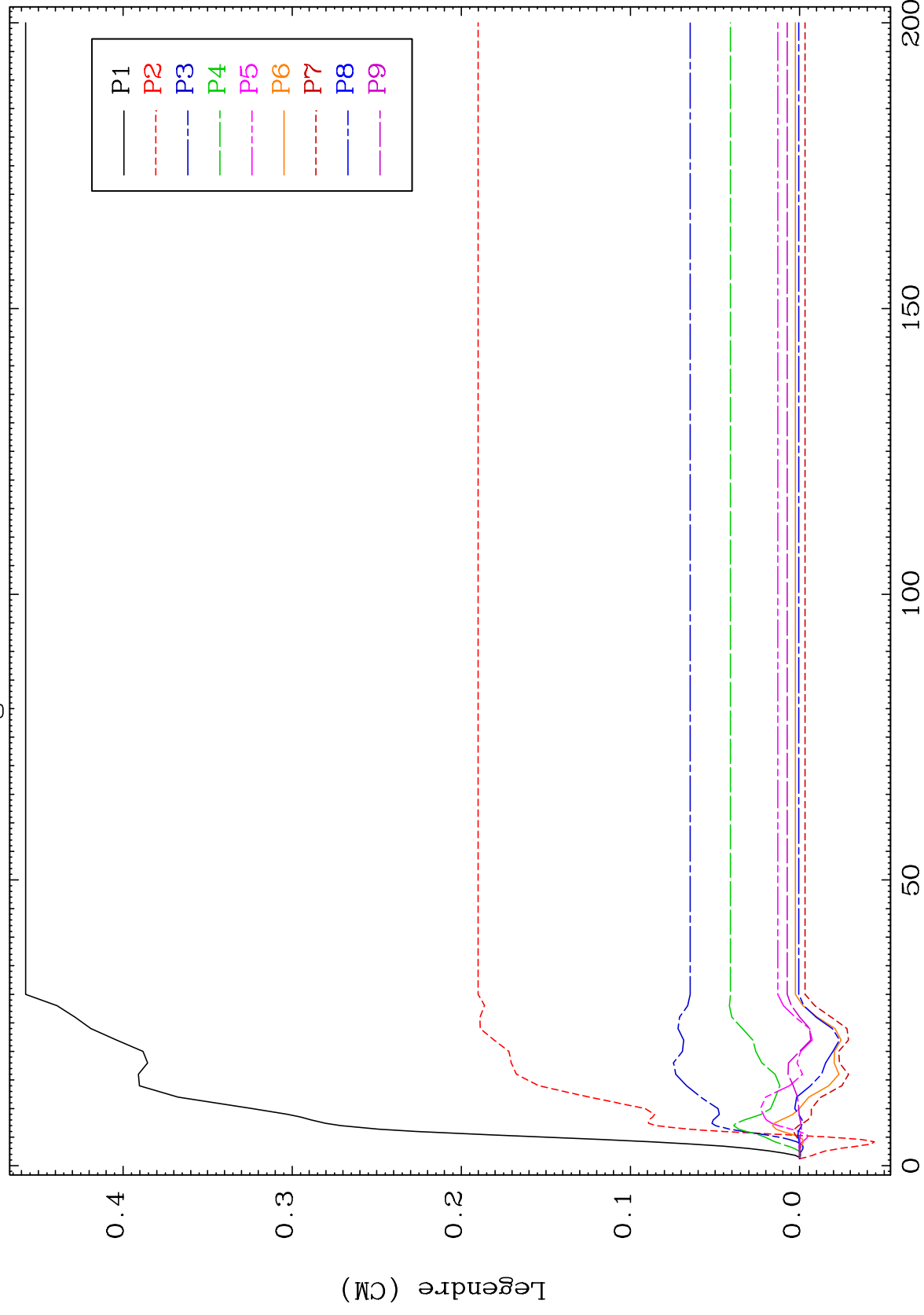
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



59

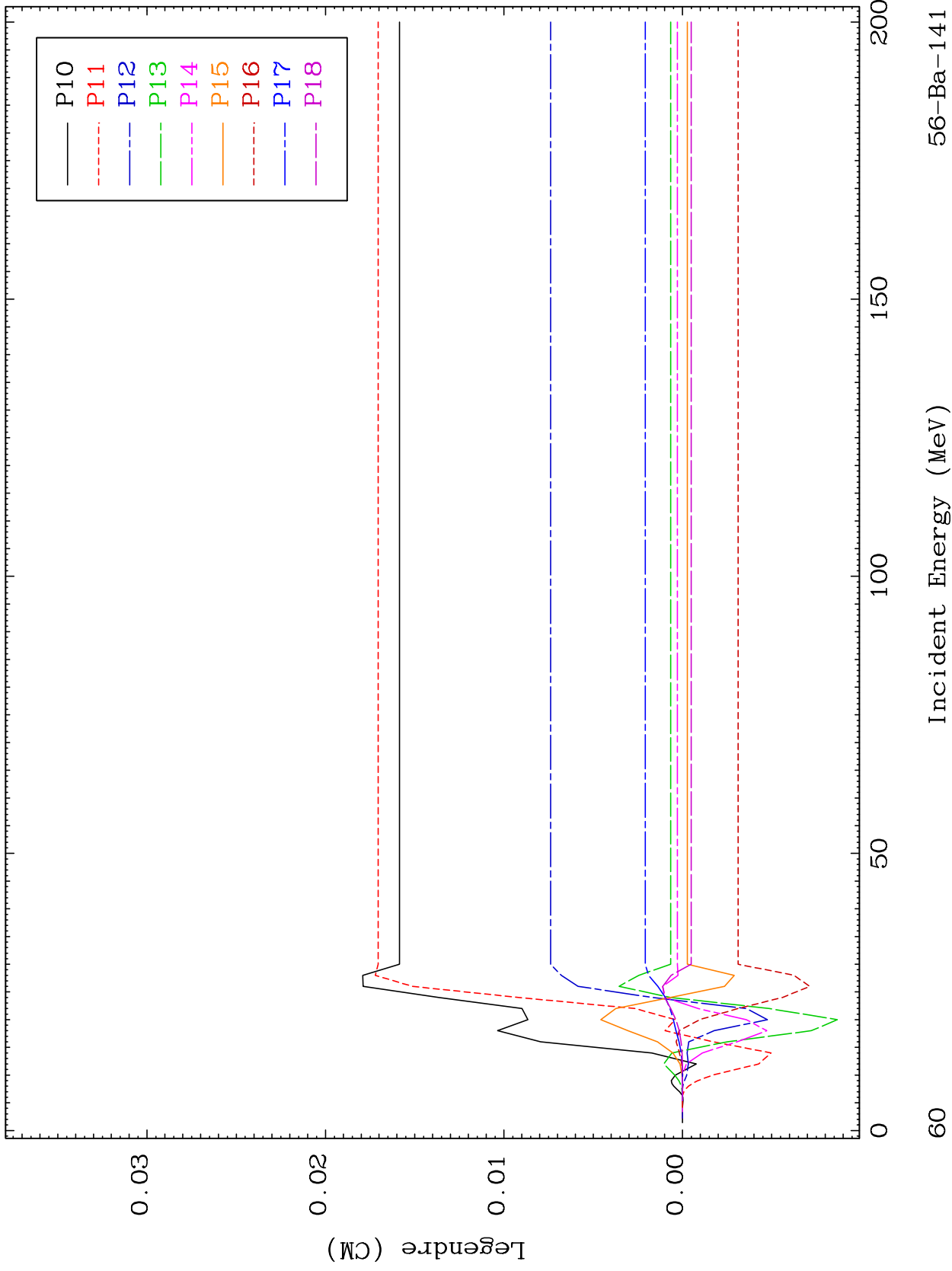
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



56-Ba-141

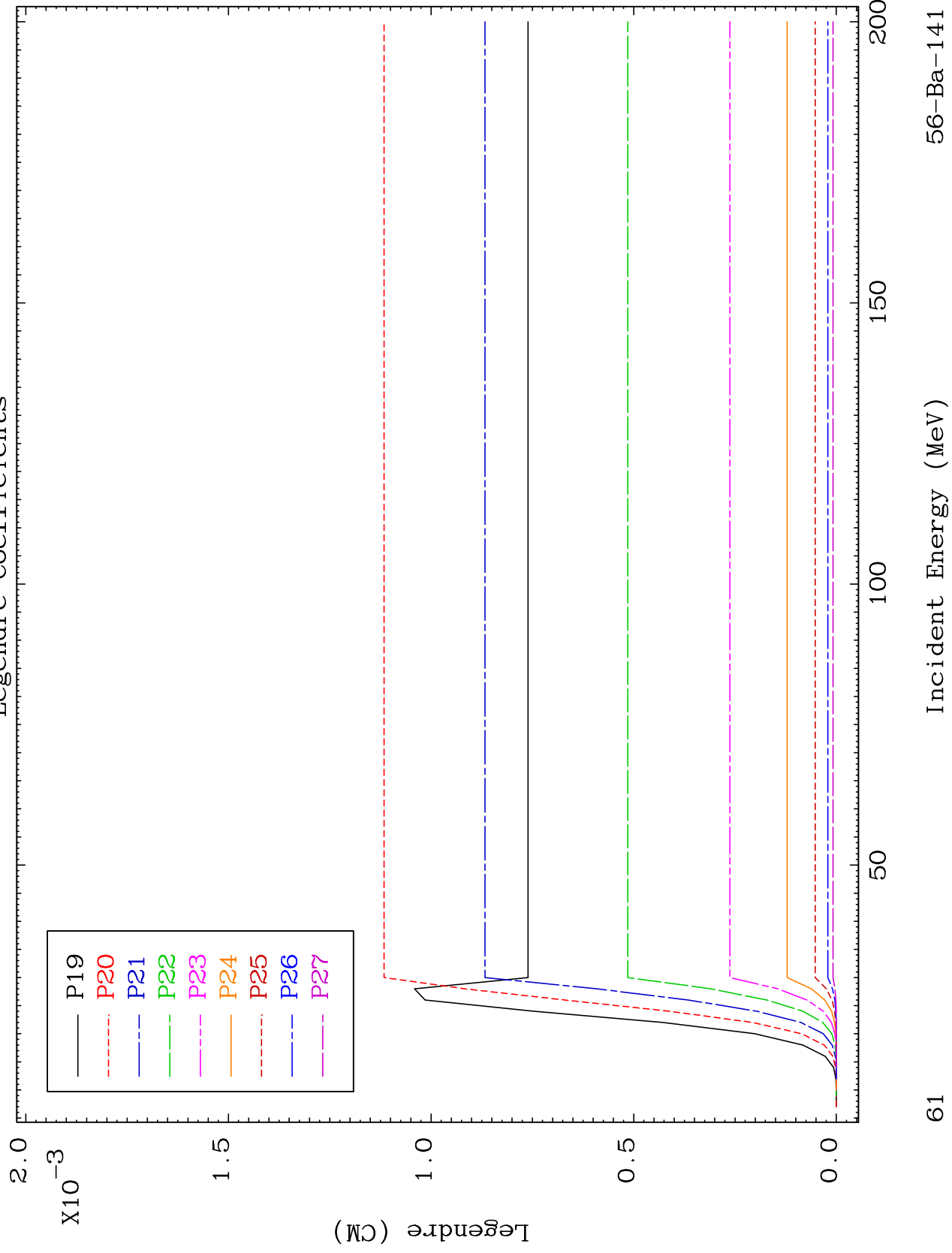
Incident Energy (MeV)

60

MAT 5658

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

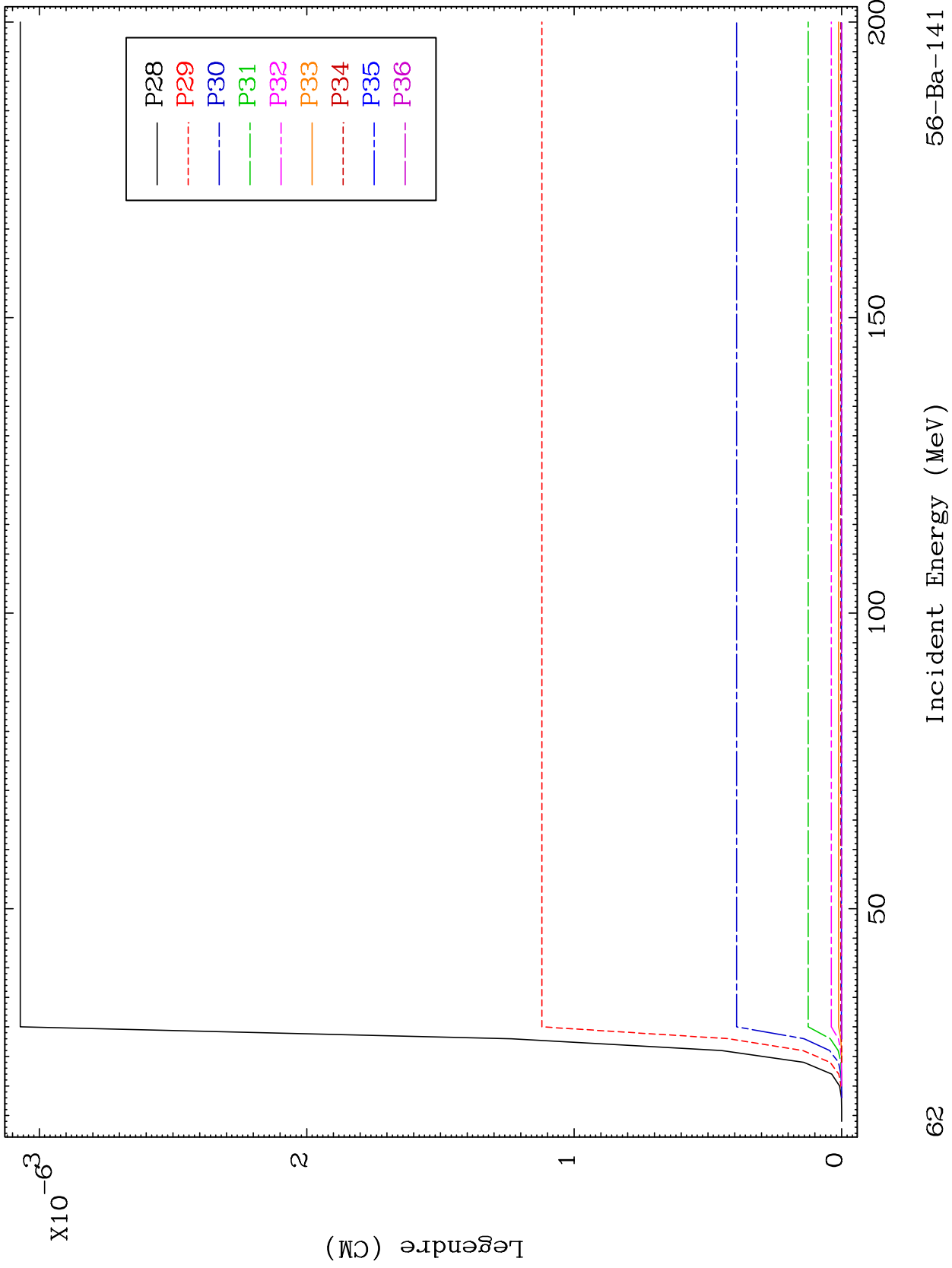
56-Ba-141



MAT 5658

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

56-Ba-141



62

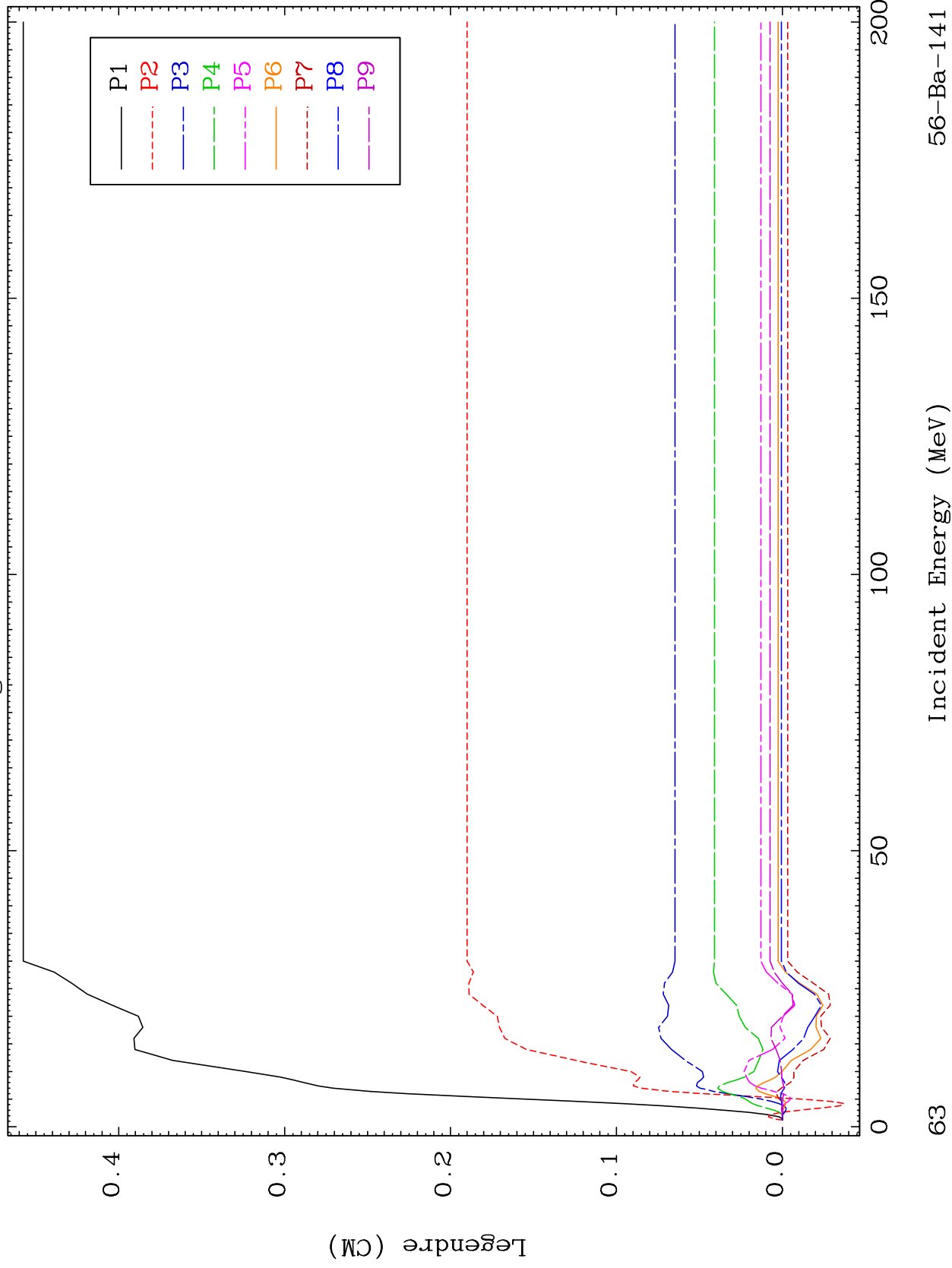
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



56-Ba-141

Incident Energy (MeV)

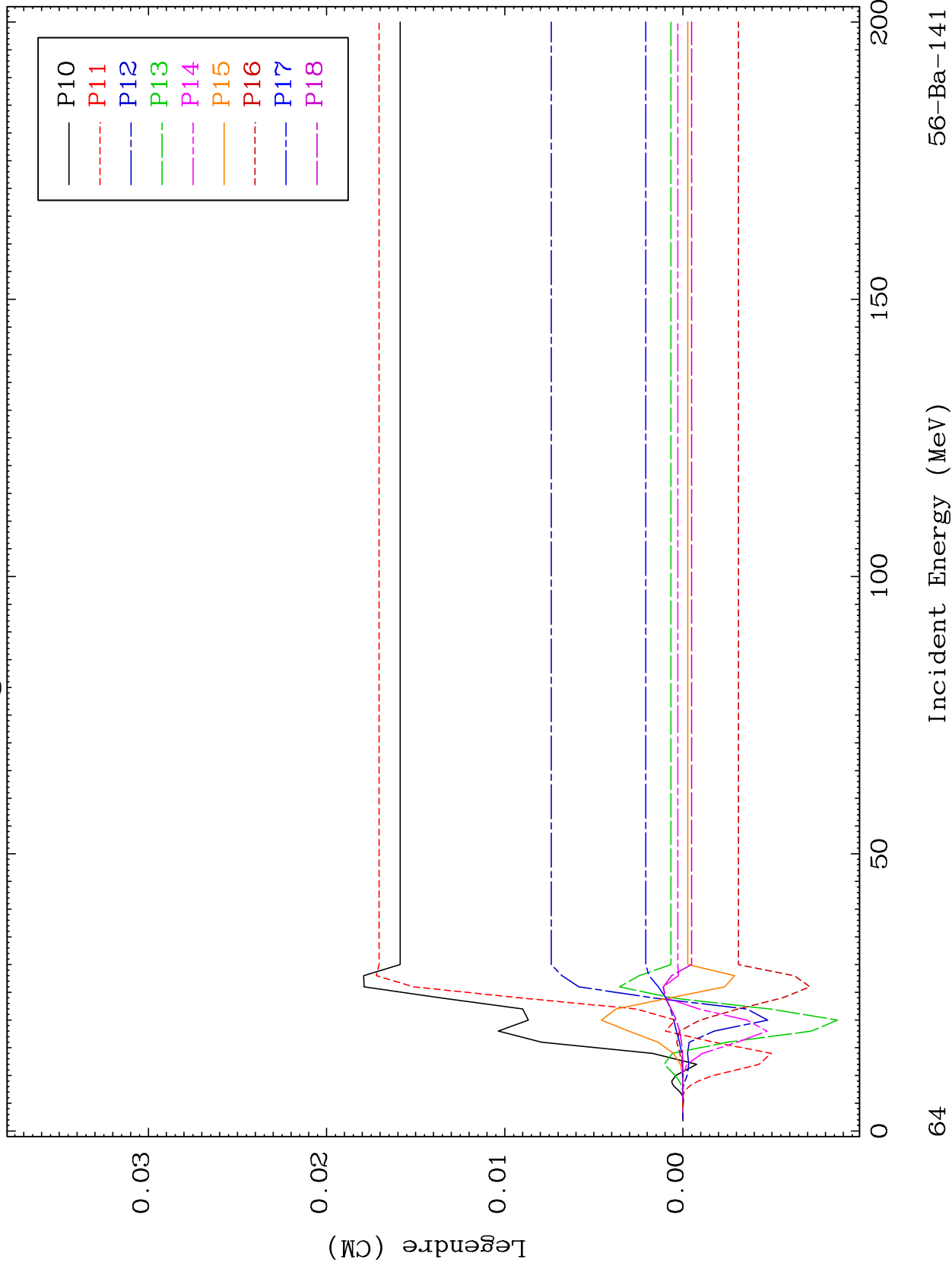
63



MAT 5658

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

56-Ba-141



56-Ba-141

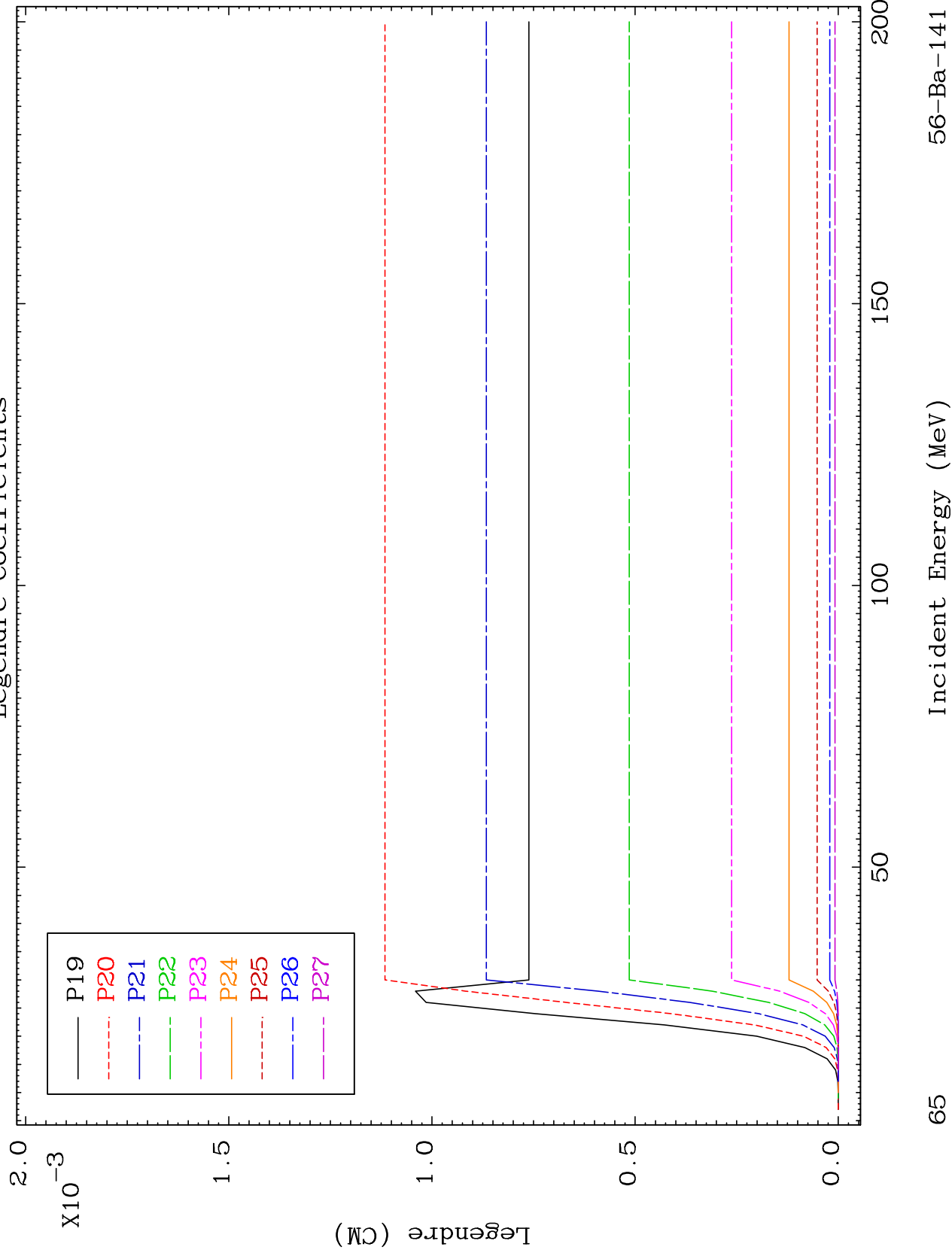
Incident Energy (MeV)

64

MAT 5658

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

56-Ba-141



65

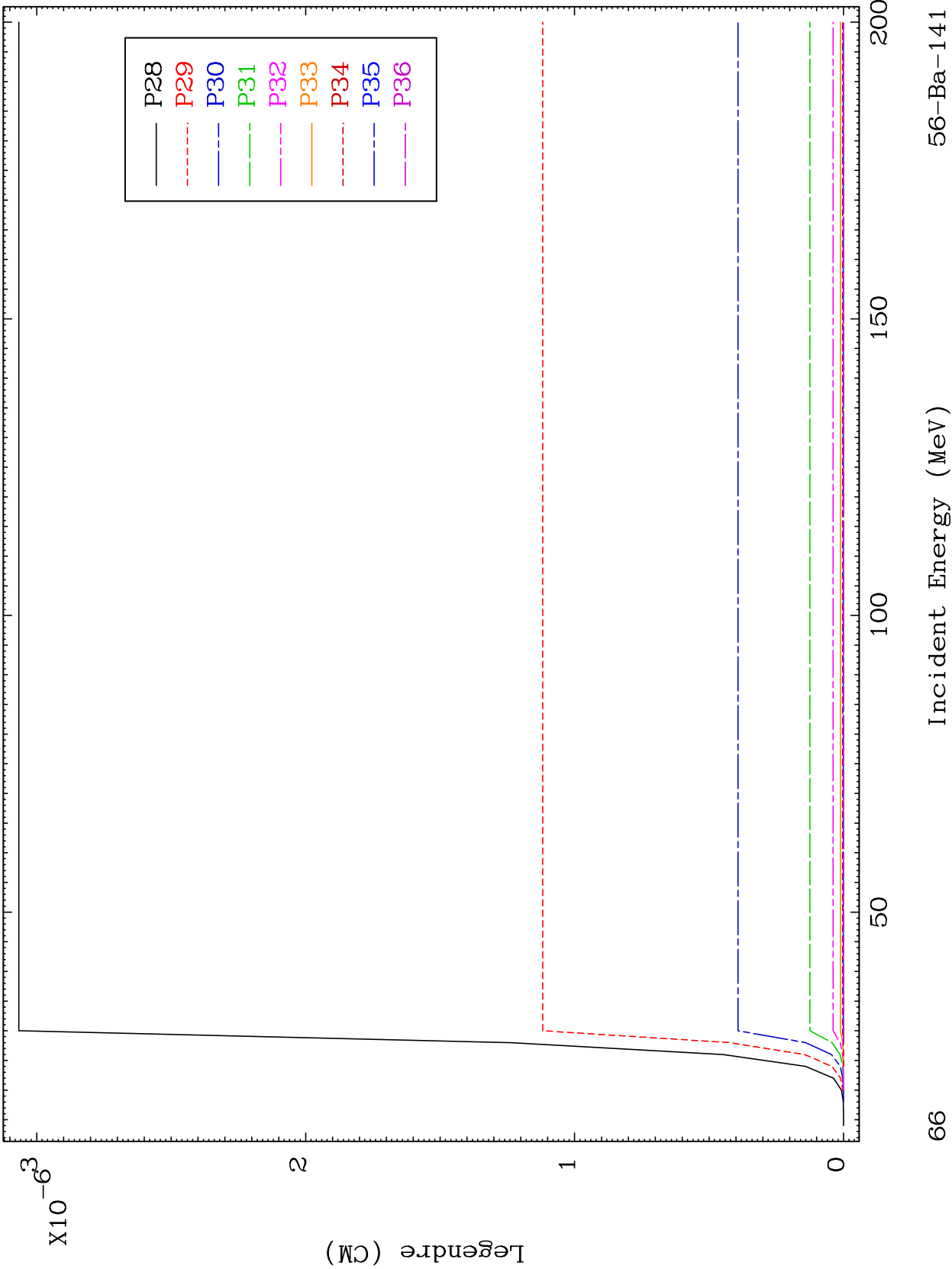
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

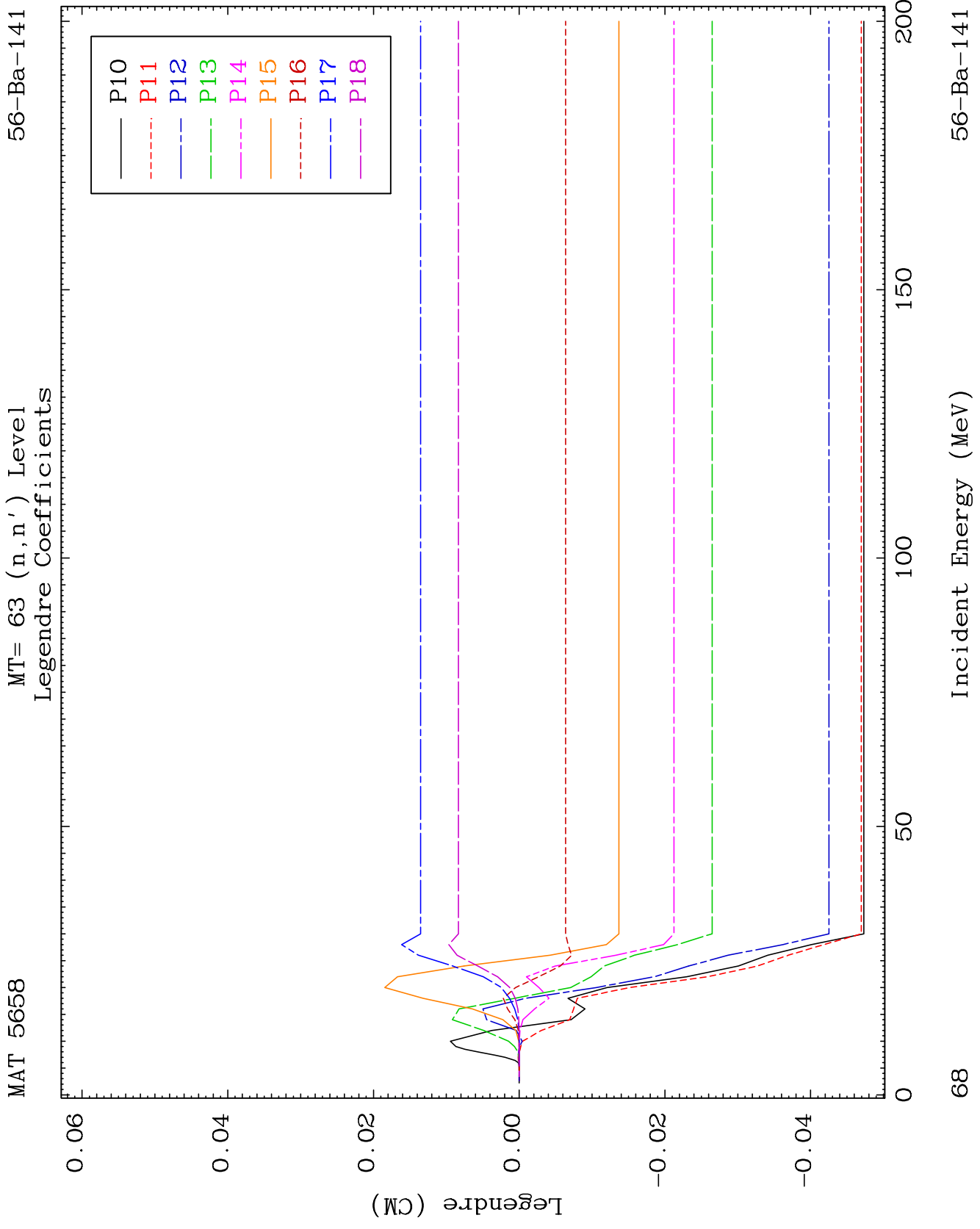
56-Ba-141



66

56-Ba-141

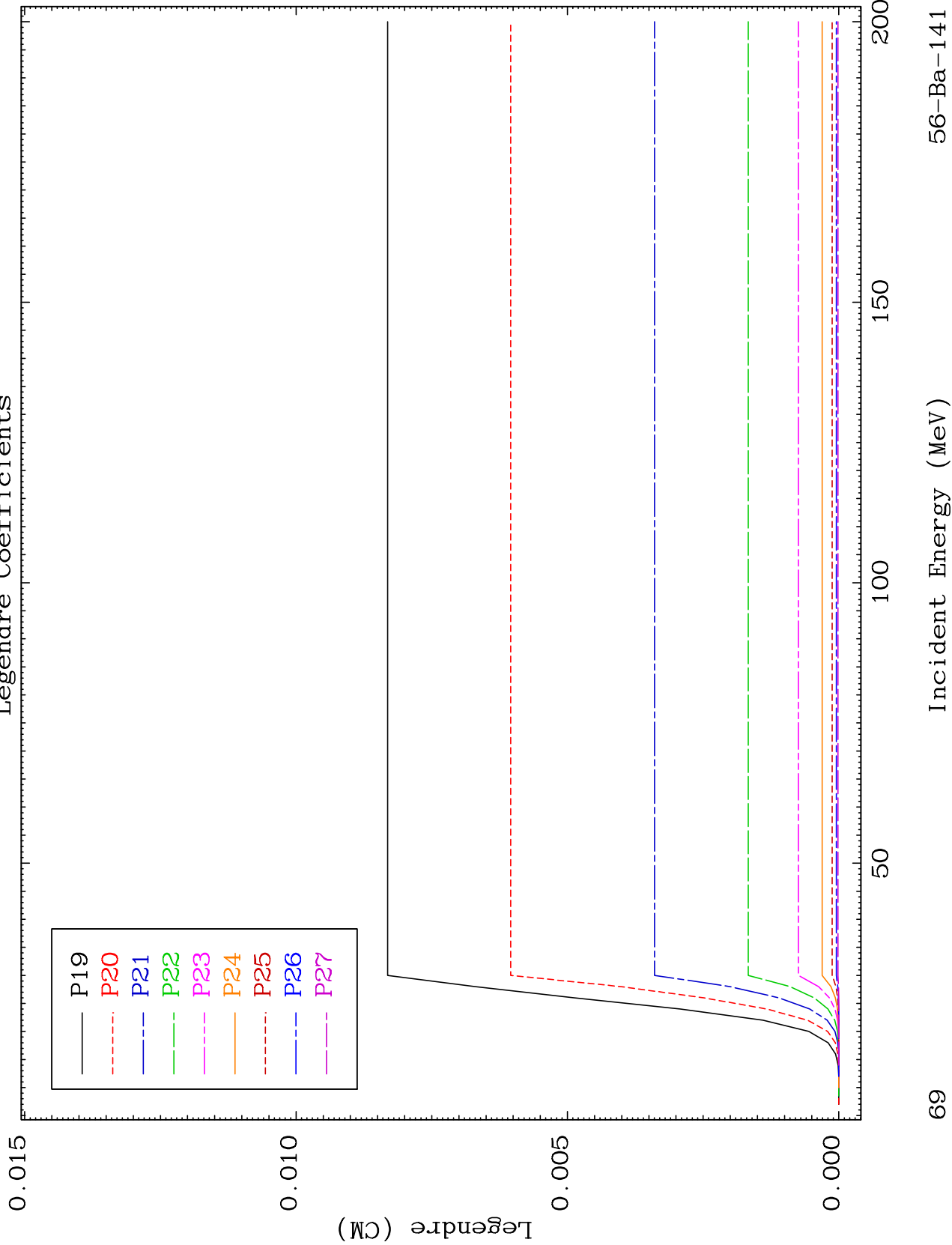




MAT 5658

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

56-Ba-141



69

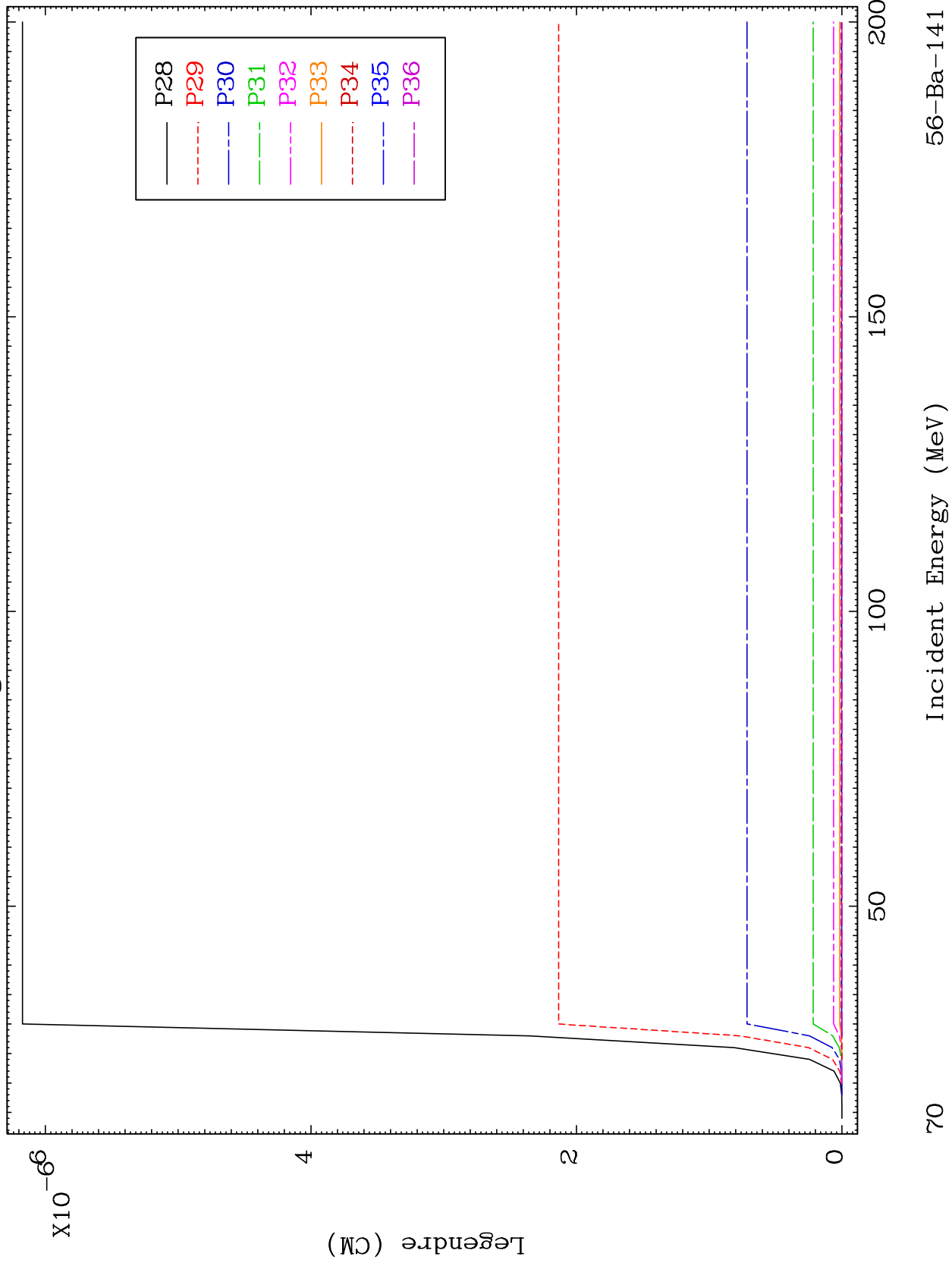
56-Ba-141

Incident Energy (MeV)

MAT 5658

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

56-Ba-141



70

Incident Energy (MeV)

56-Ba-141

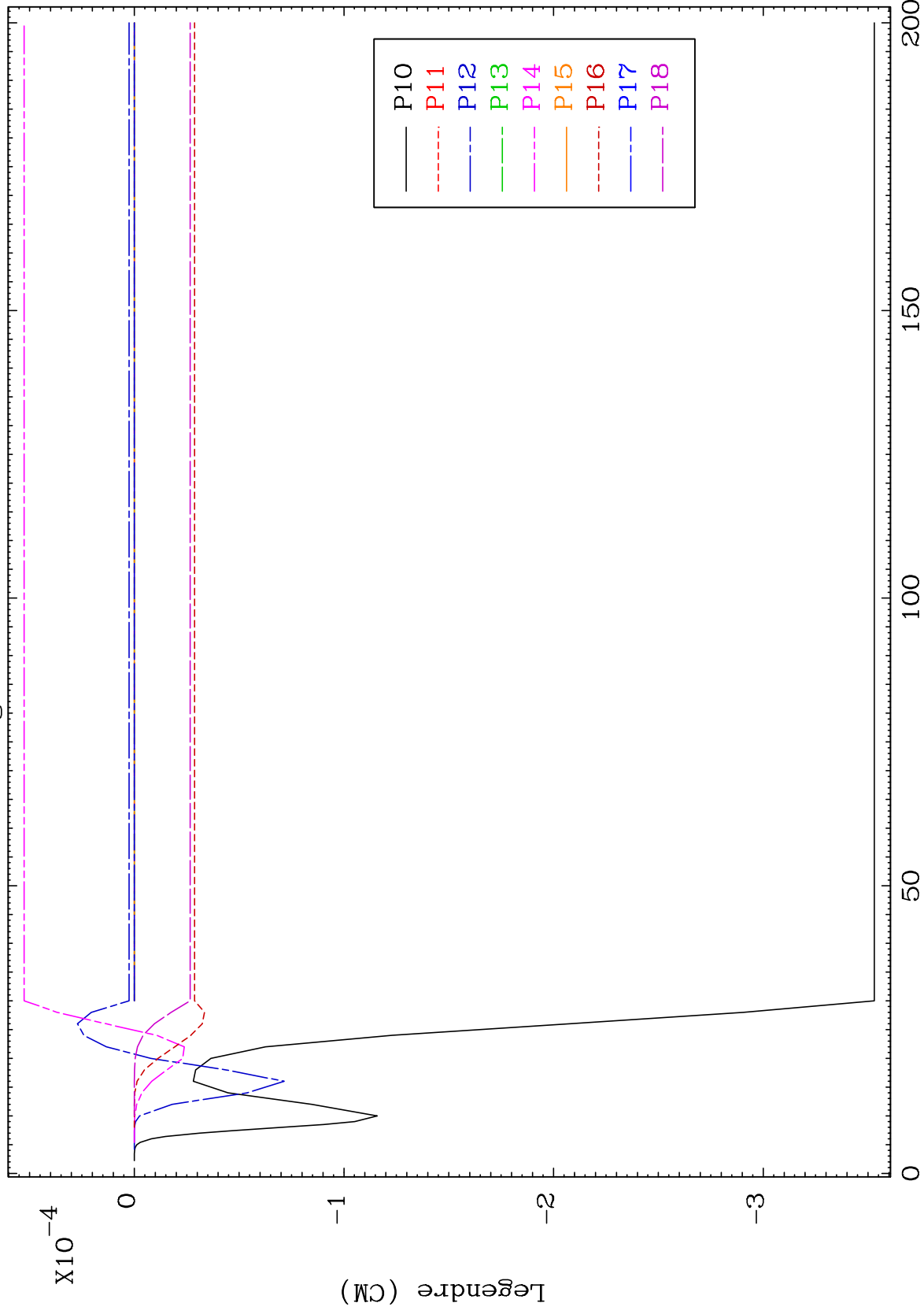




MAT 5658

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

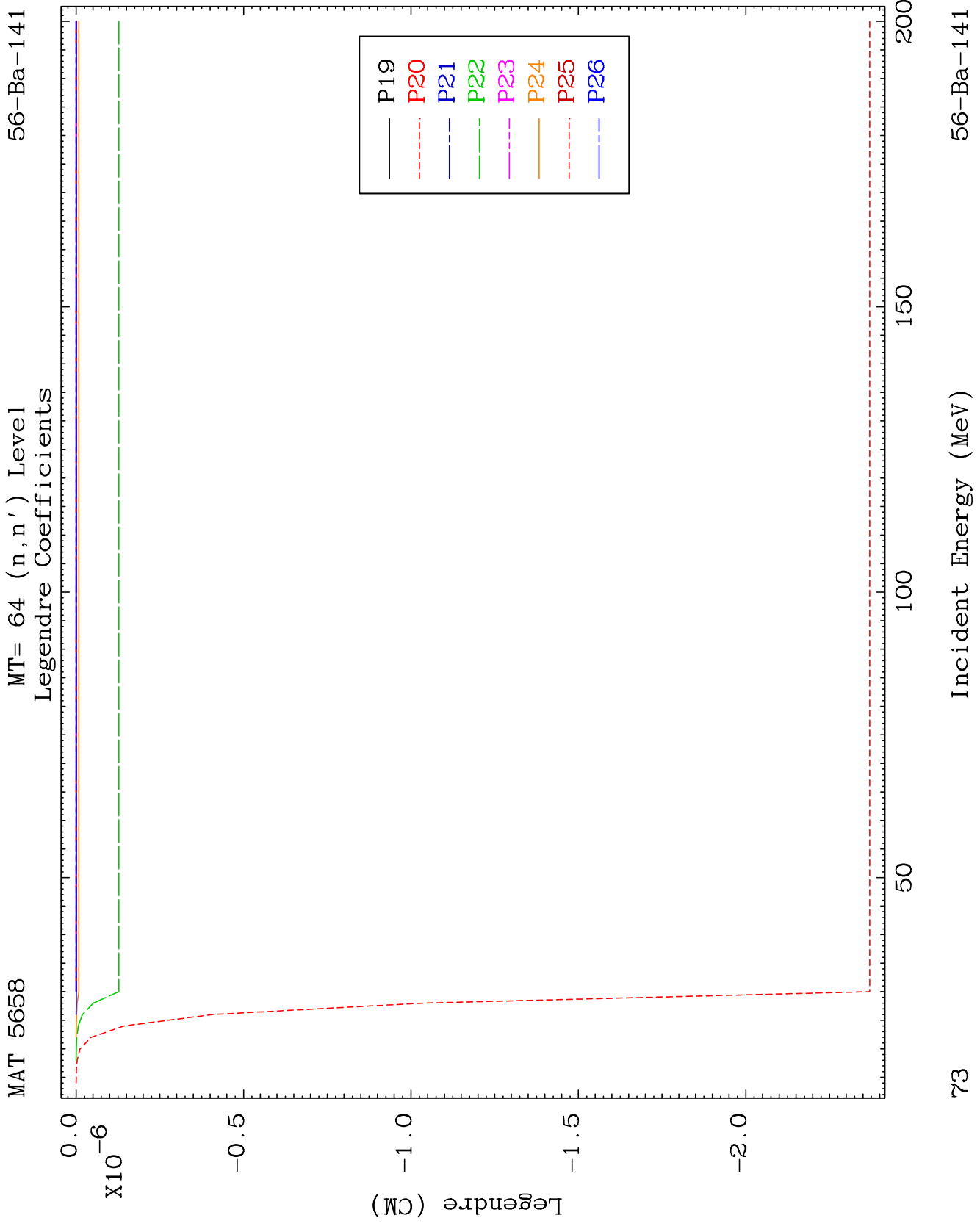
56-Ba-141

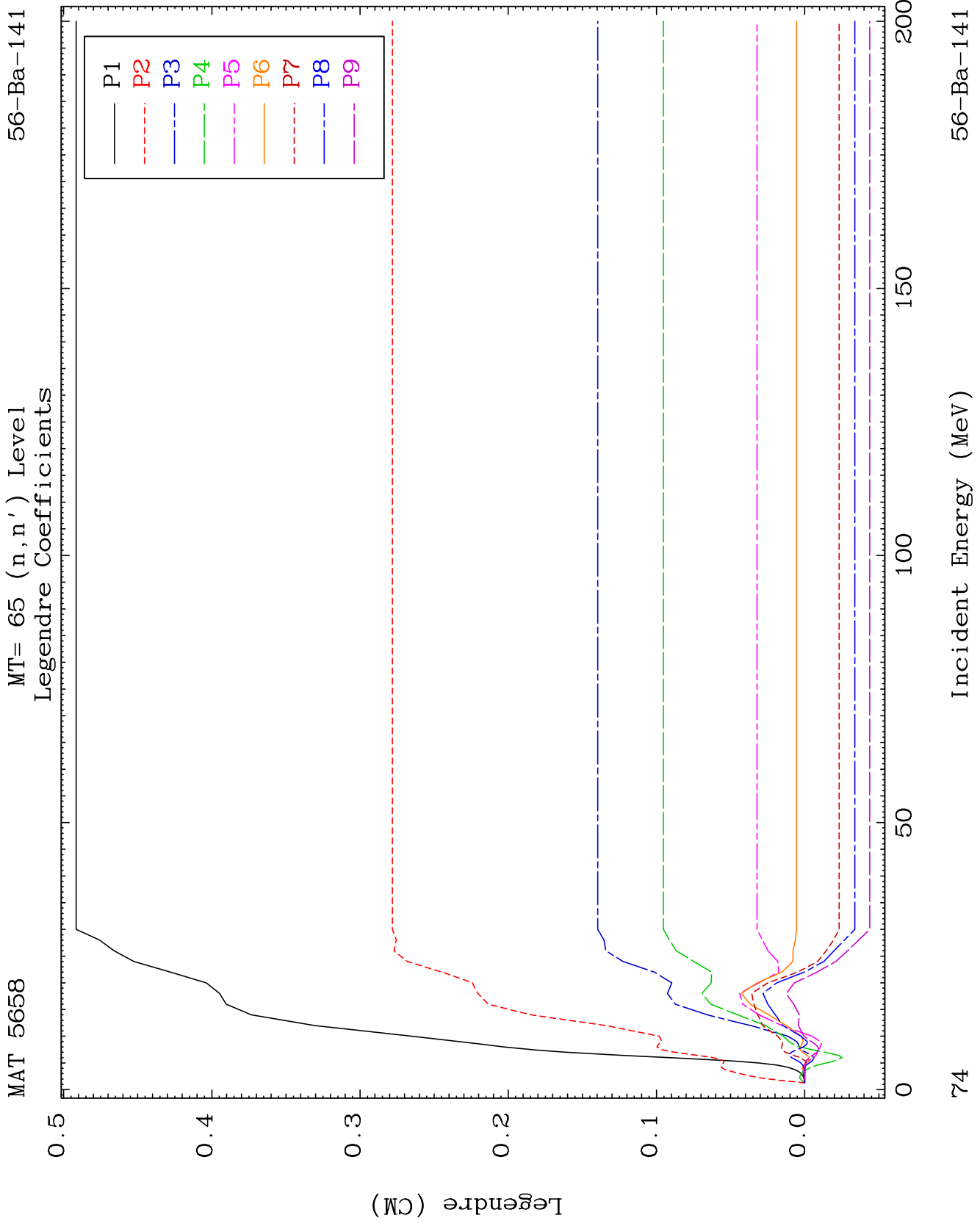


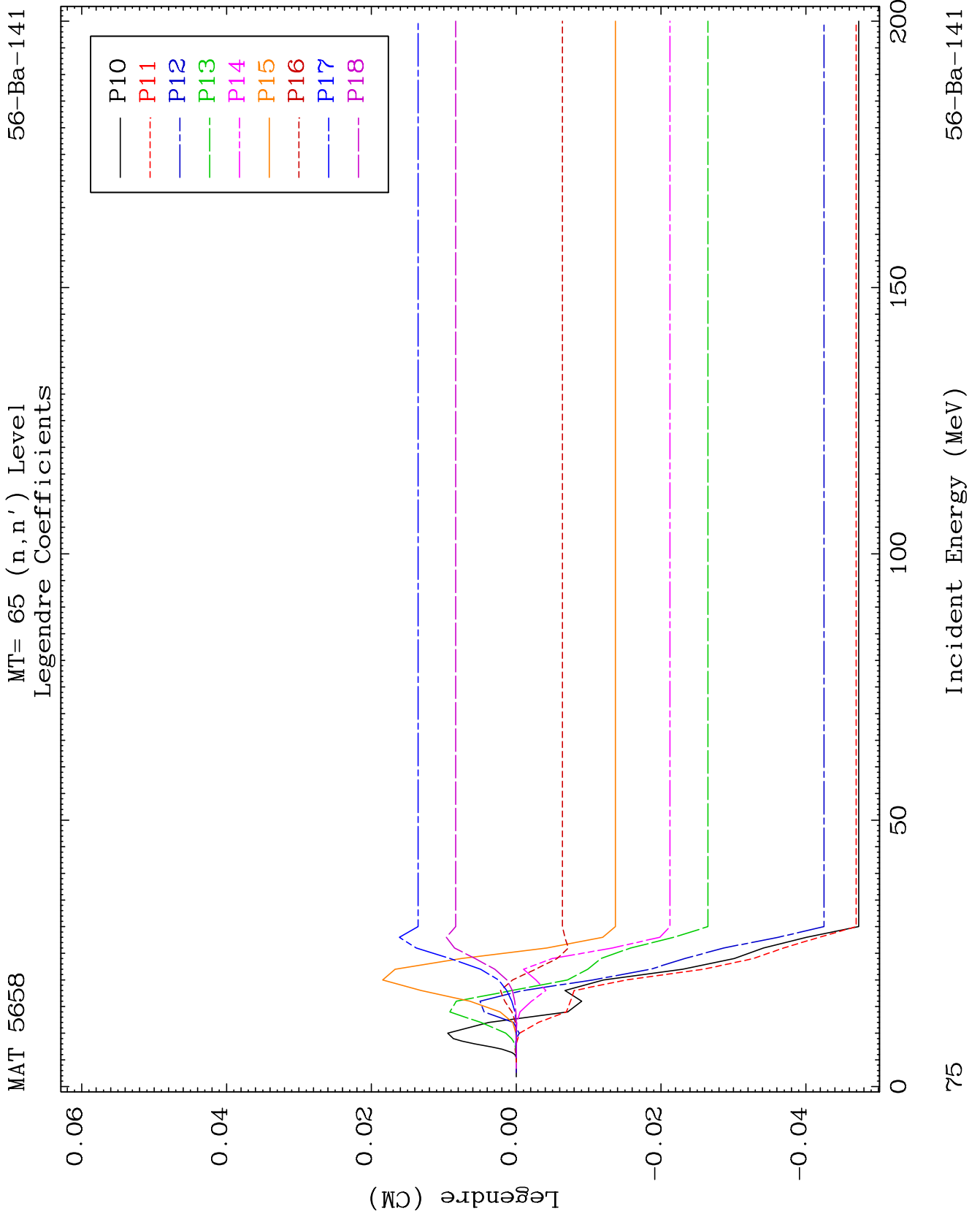
72

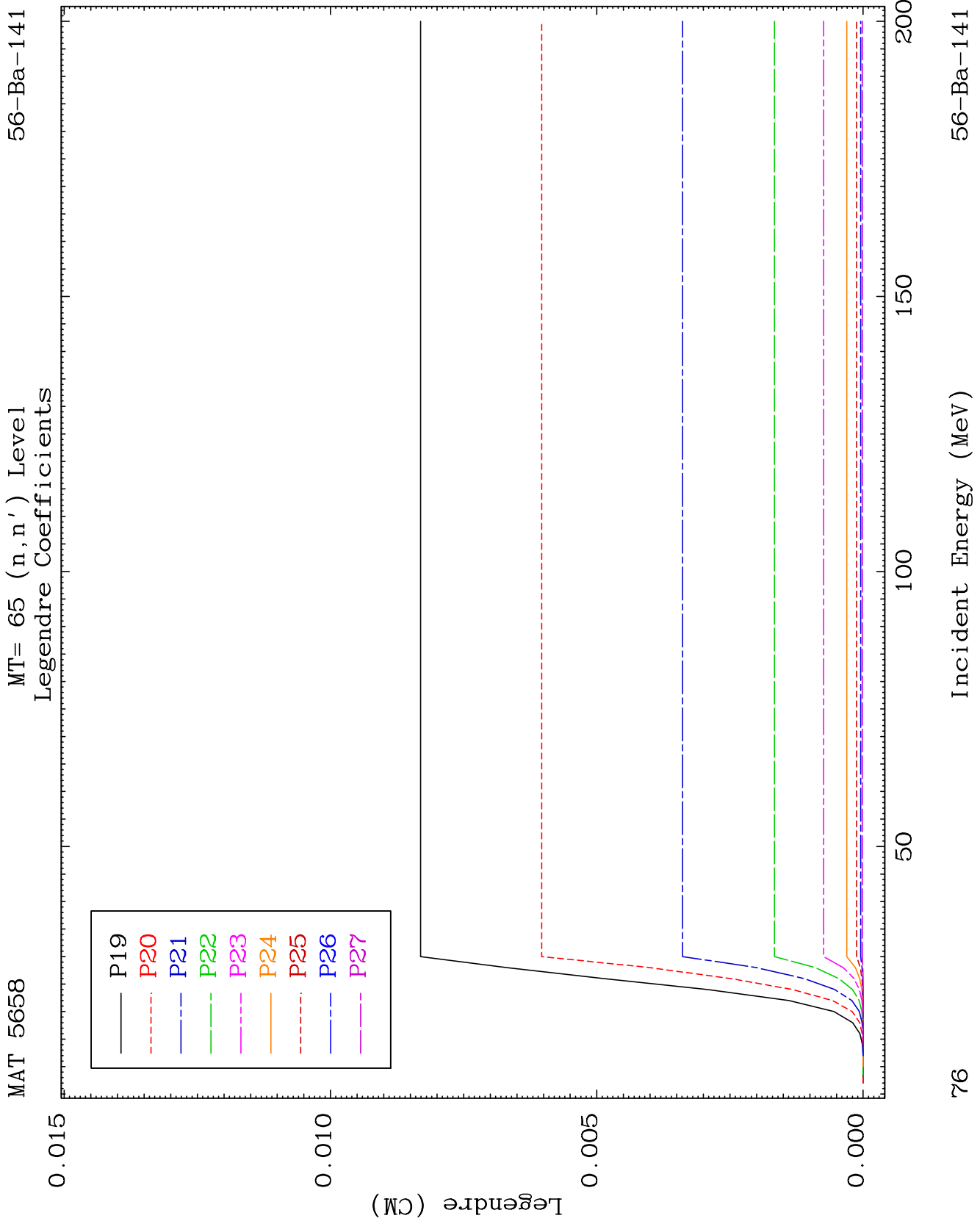
Incident Energy (MeV)

56-Ba-141





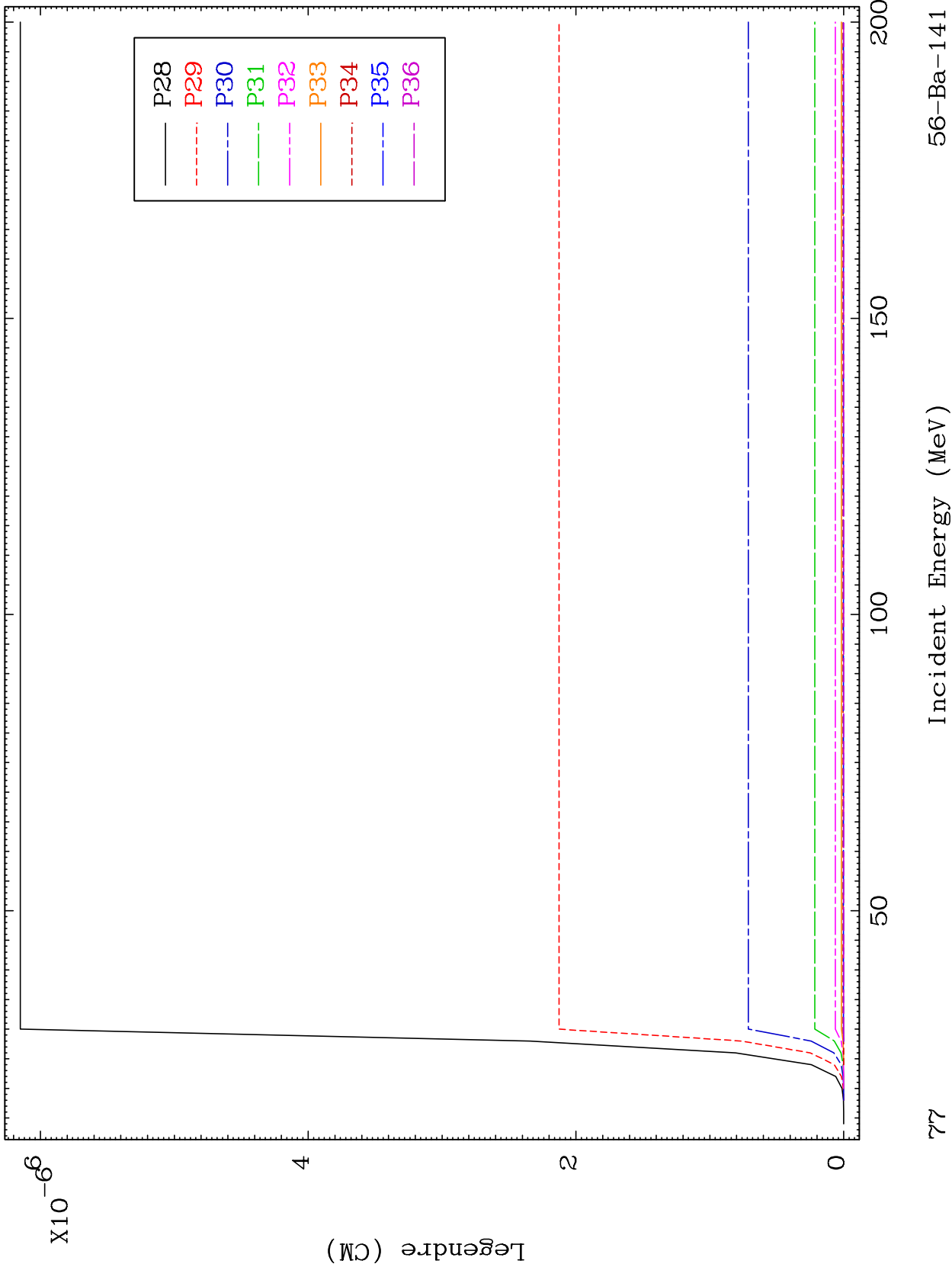




MAT 5658

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

56-Ba-141



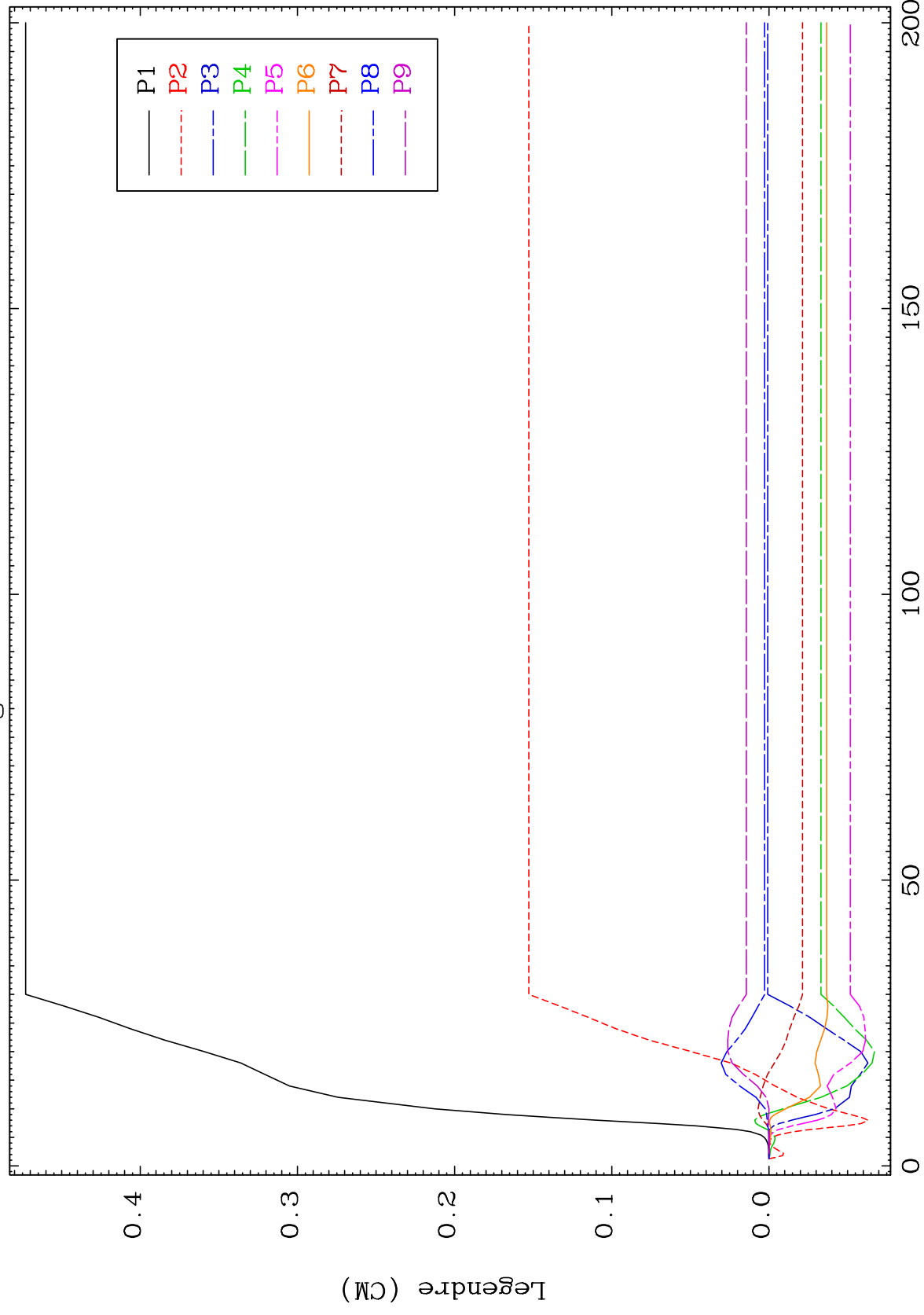
77

56-Ba-141

MAT 5658

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

56-Ba-141



56-Ba-141

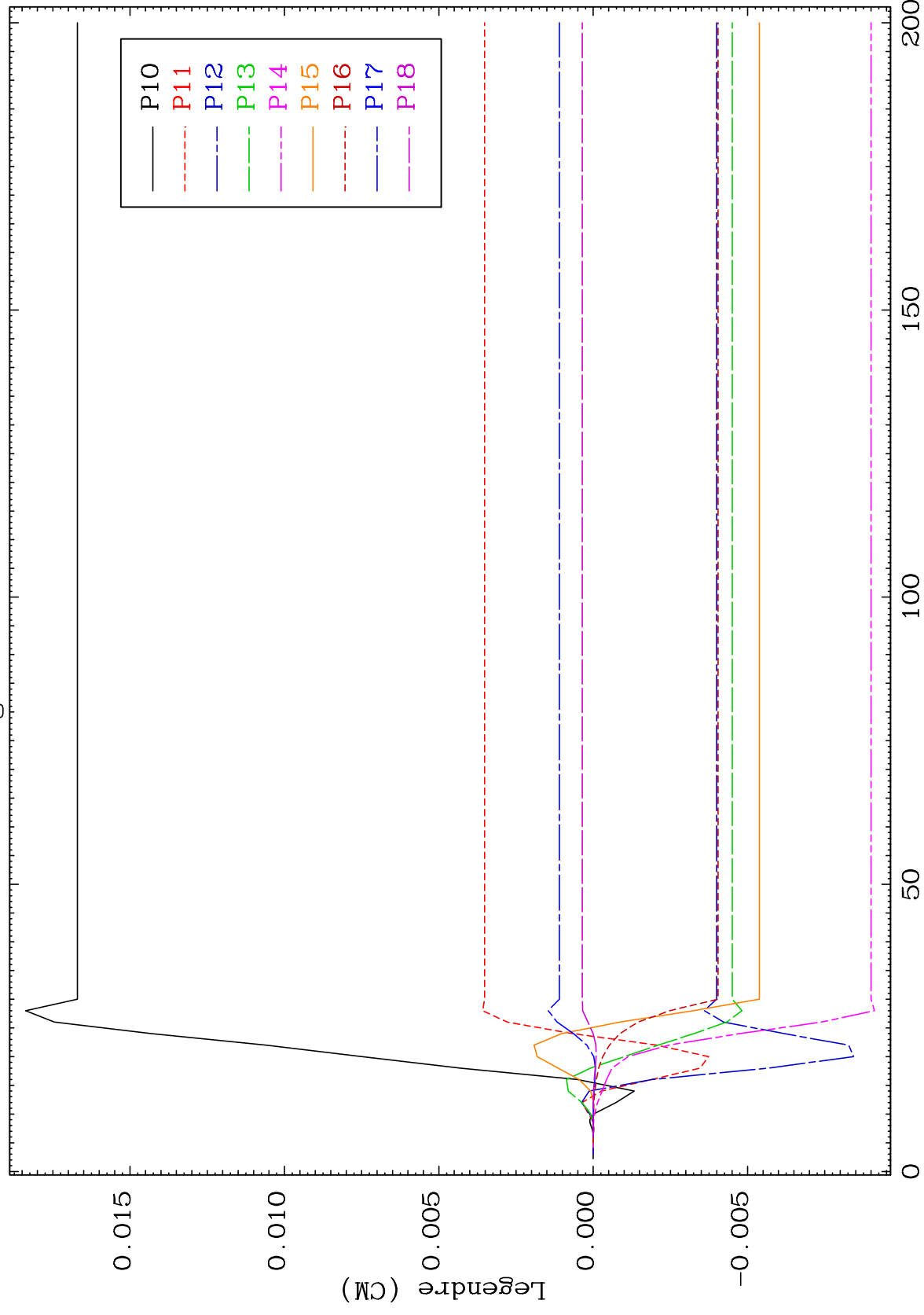
Incident Energy (MeV)

78

MAT 5658

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

56-Ba-141



79

Incident Energy (MeV)

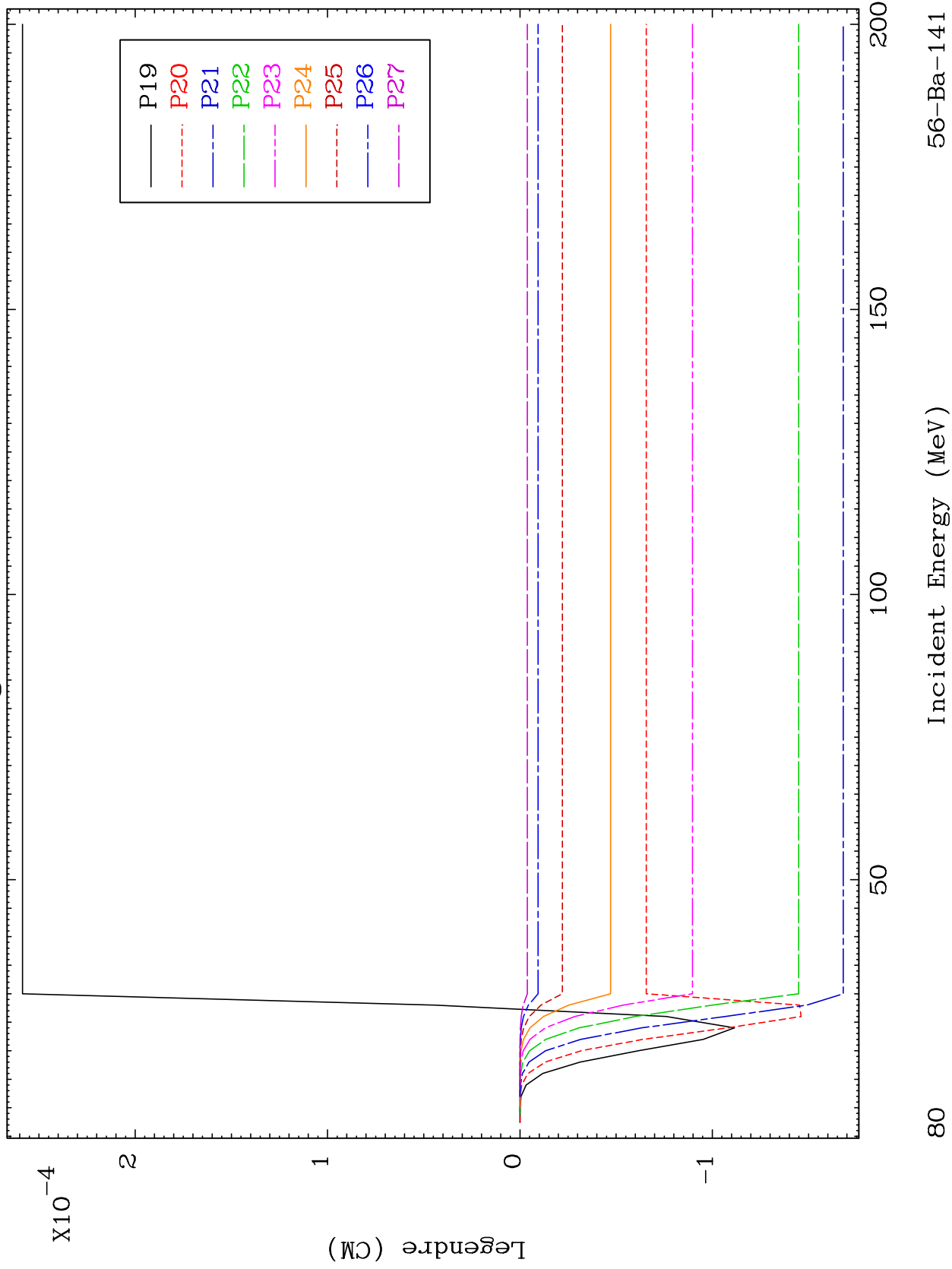
56-Ba-141



MAT 5658

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

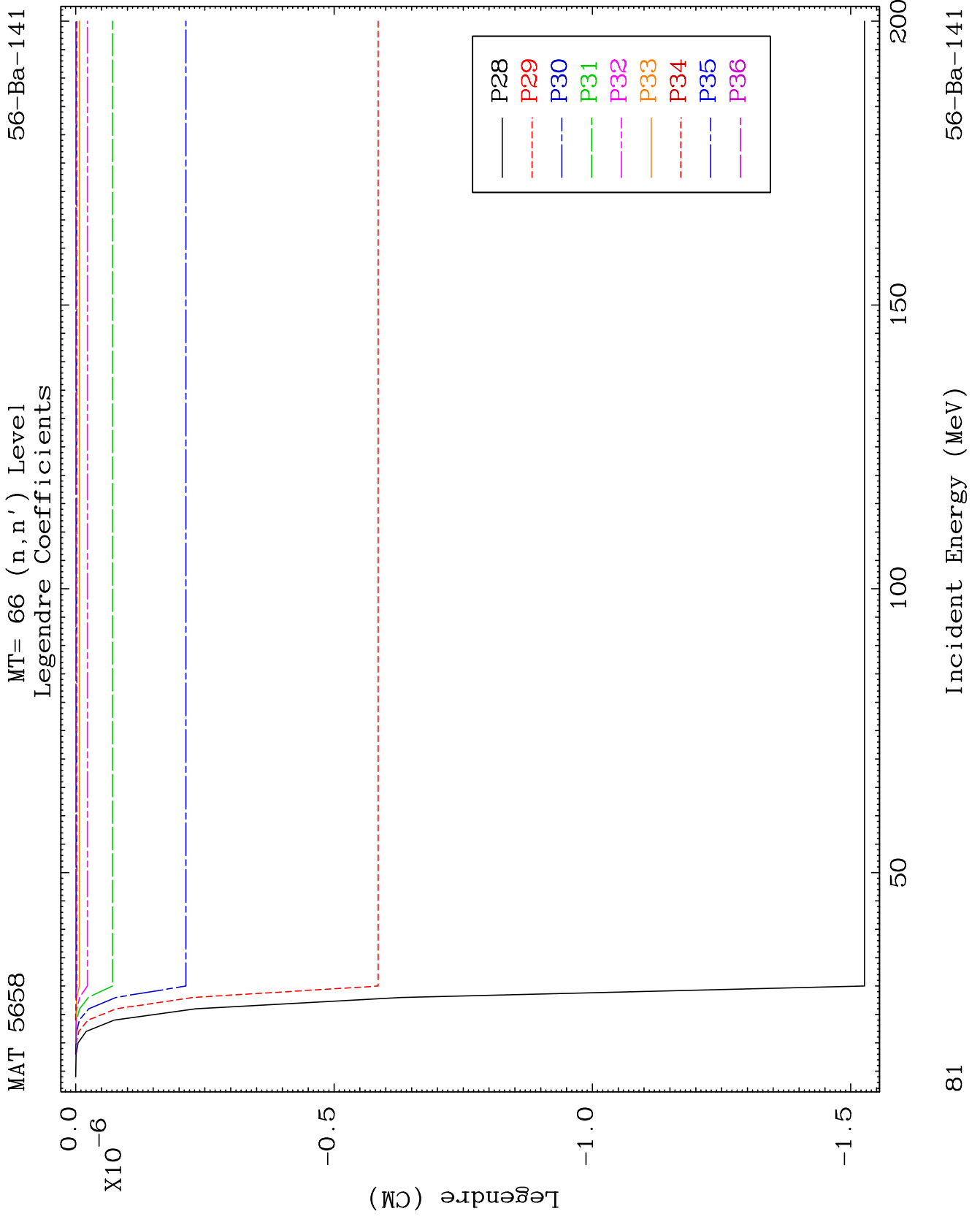
56-Ba-141



80

Incident Energy (MeV)

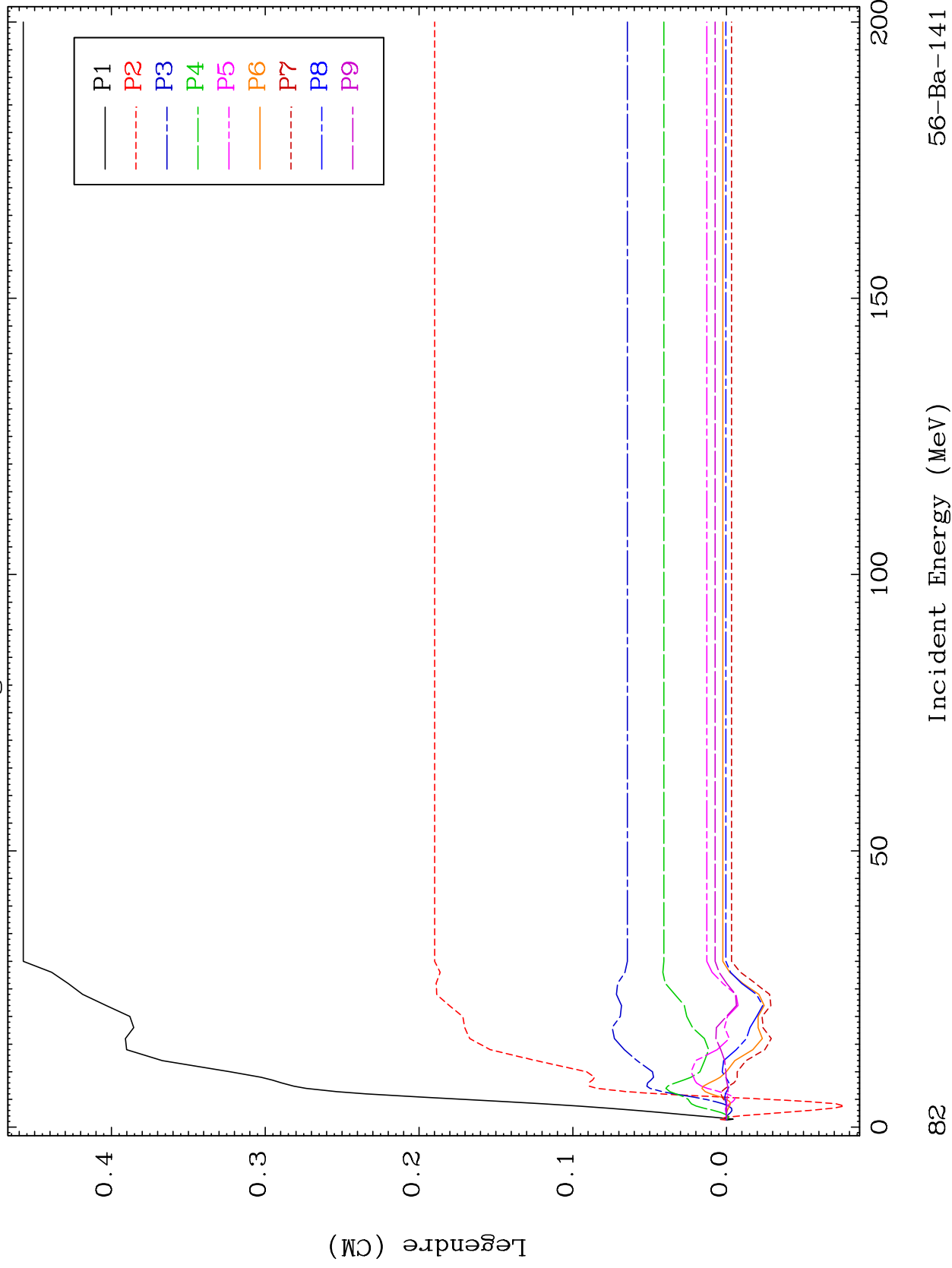
56-Ba-141



MAT 5658

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

56-Ba-141



56-Ba-141

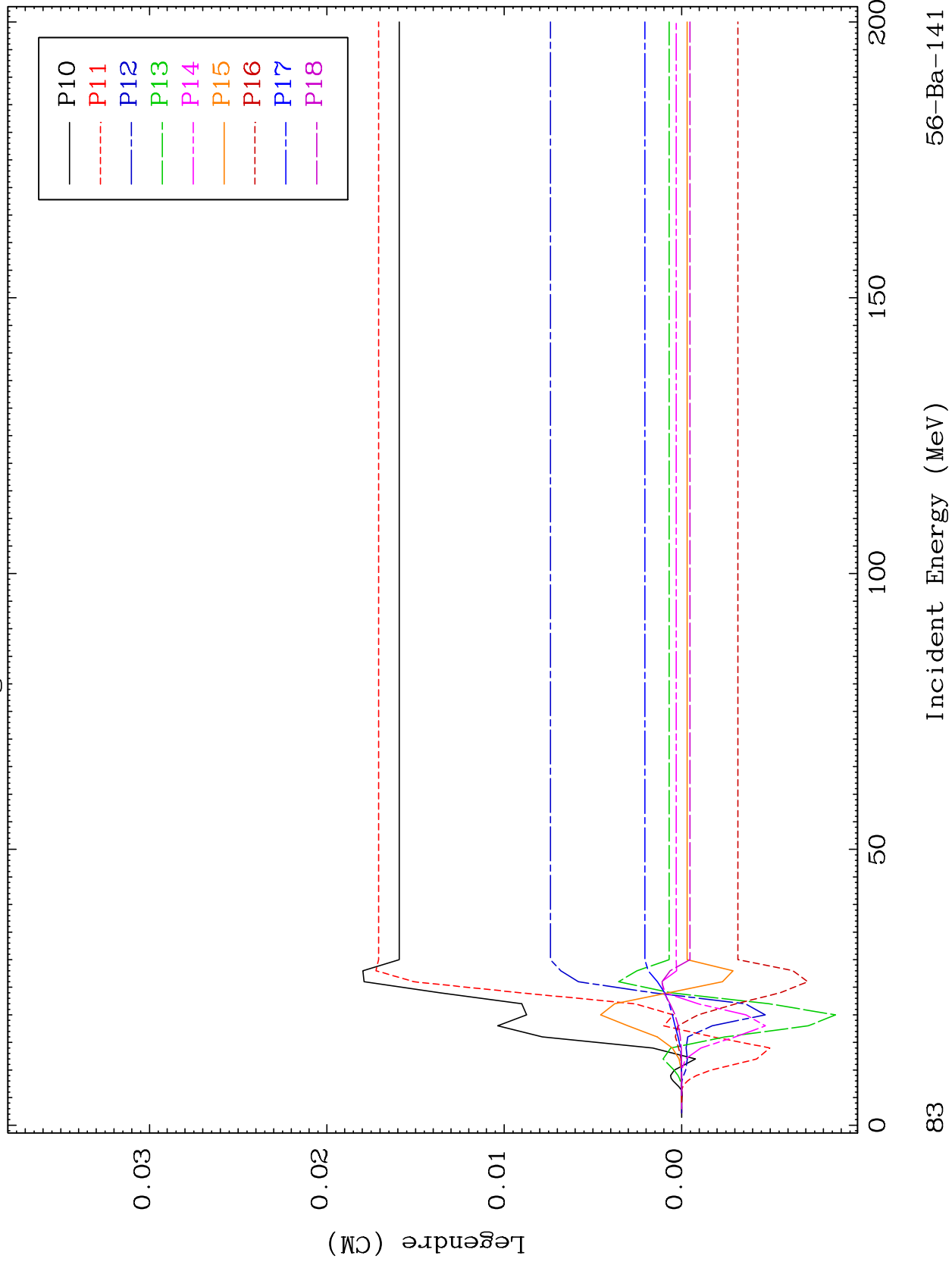
Incident Energy (MeV)

82

MAT 5658

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

56-Ba-141



83

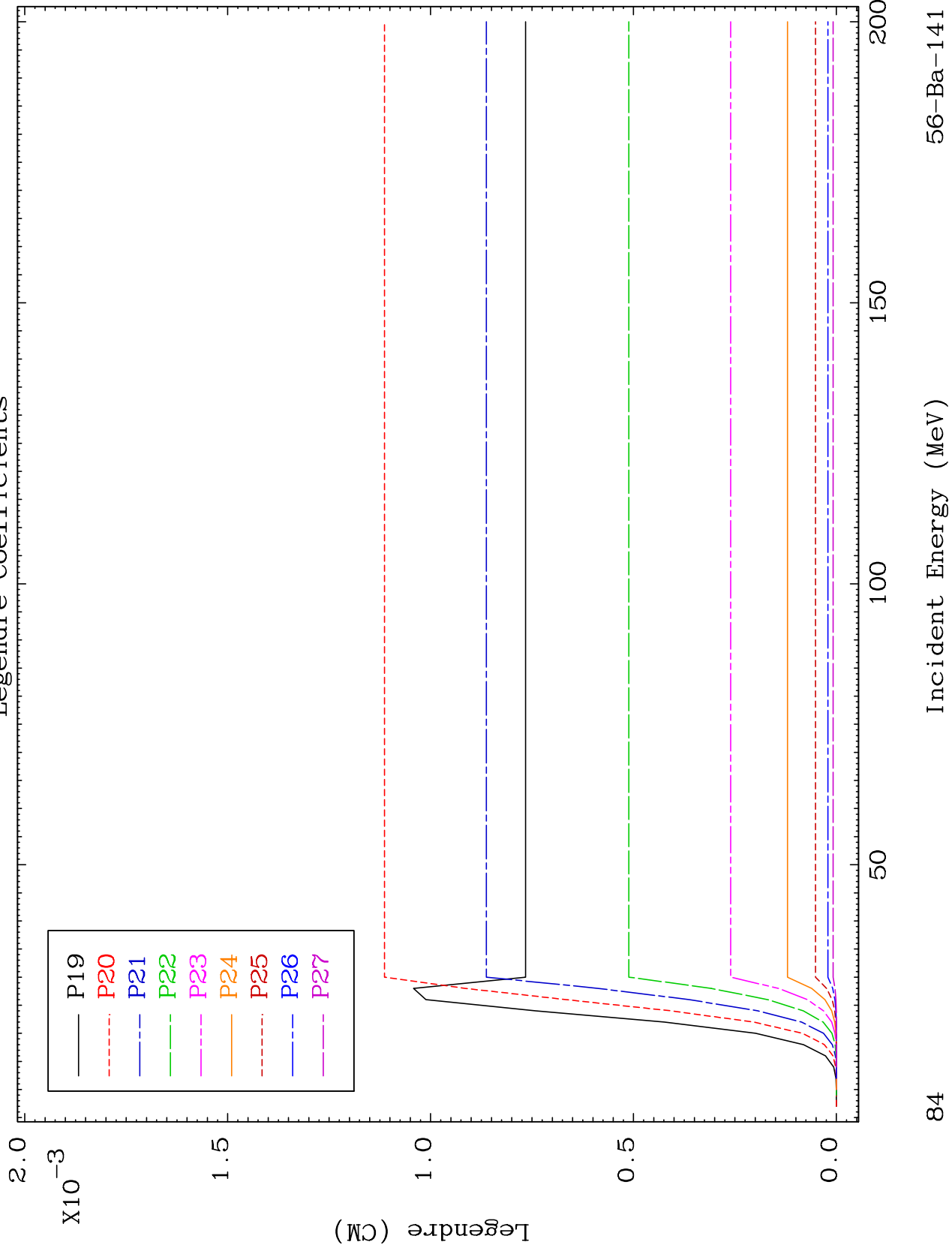
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

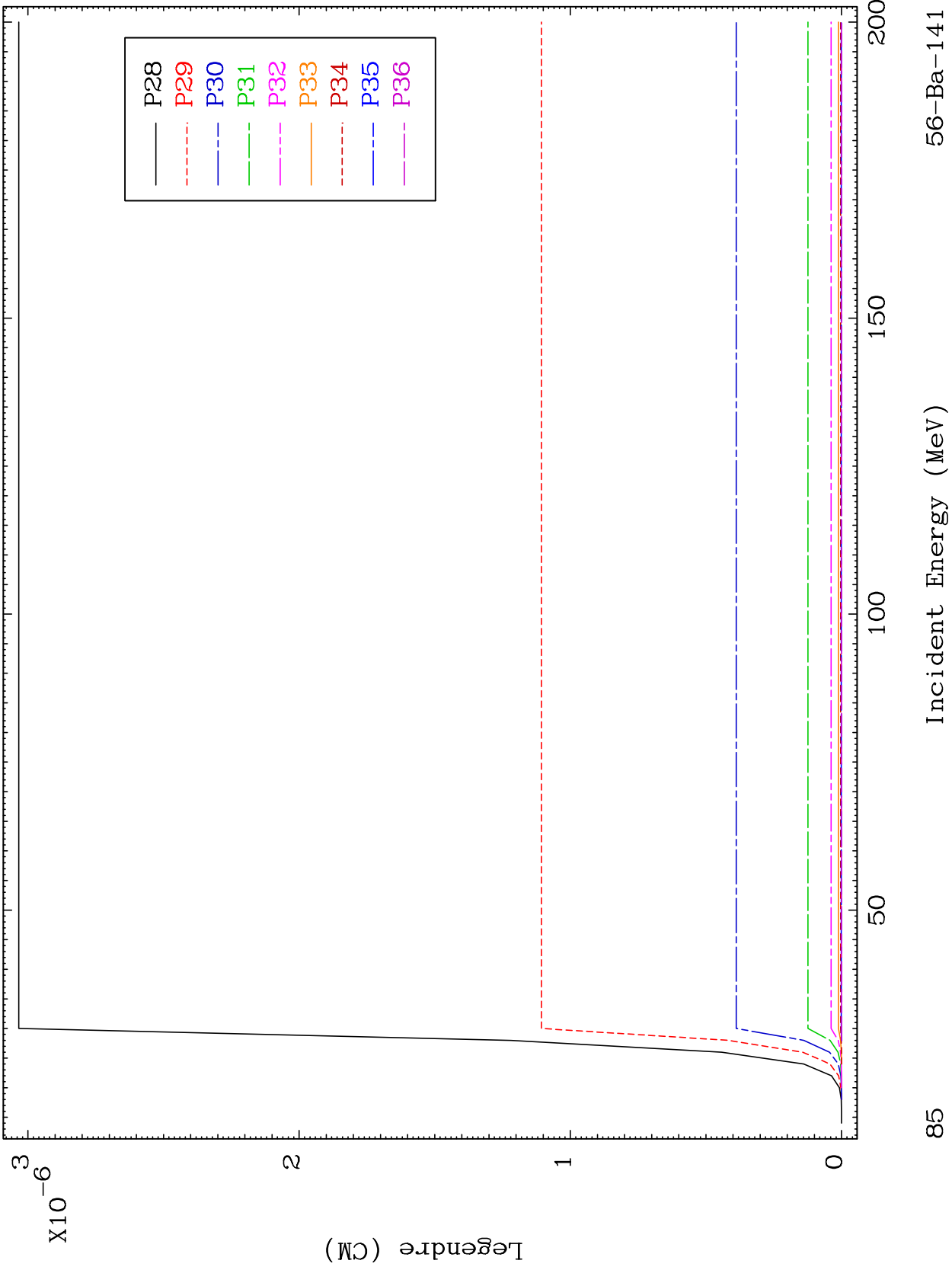
56-Ba-141



MAT 5658

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

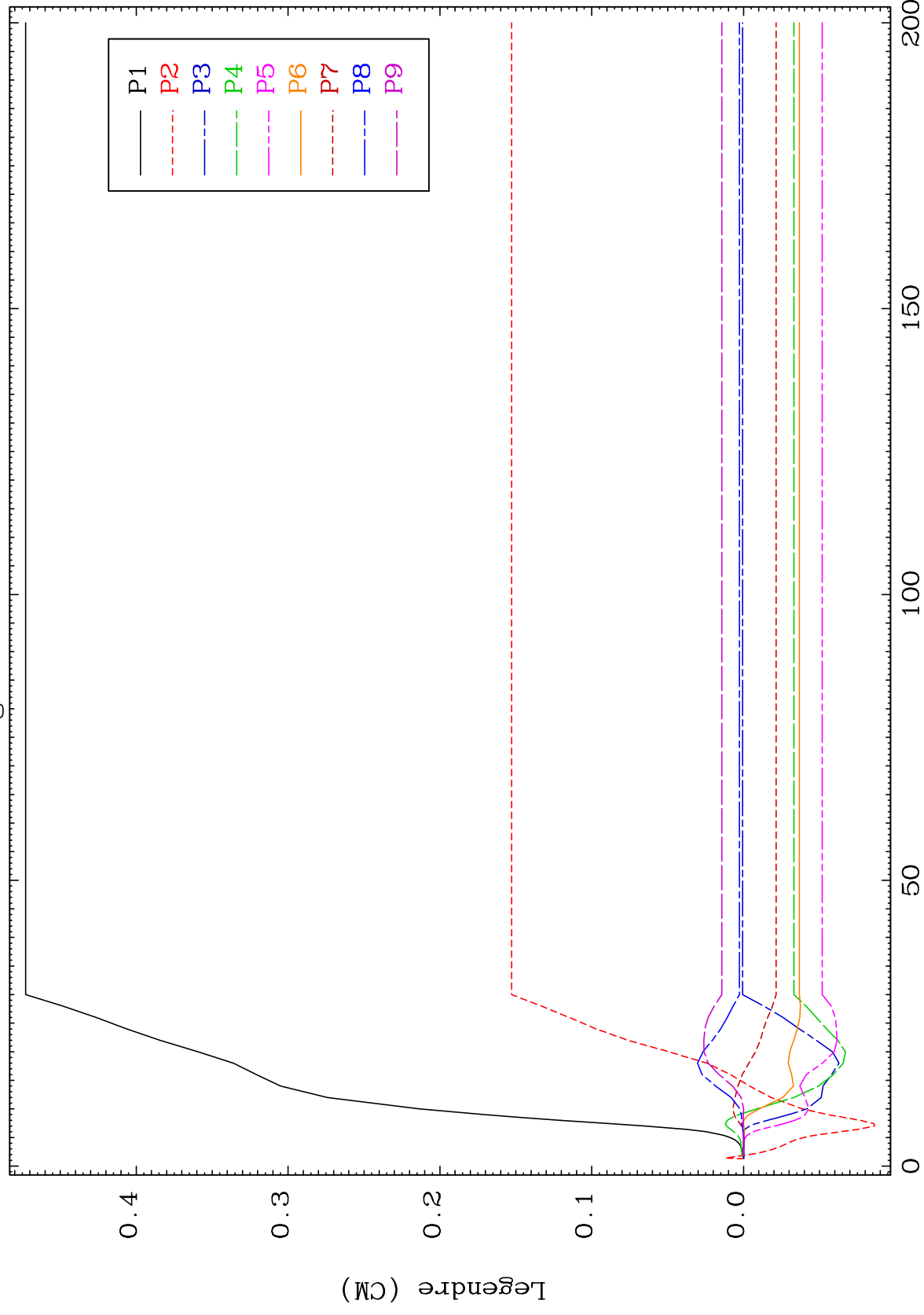
56-Ba-141



MAT 5658

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

56-Ba-141



86

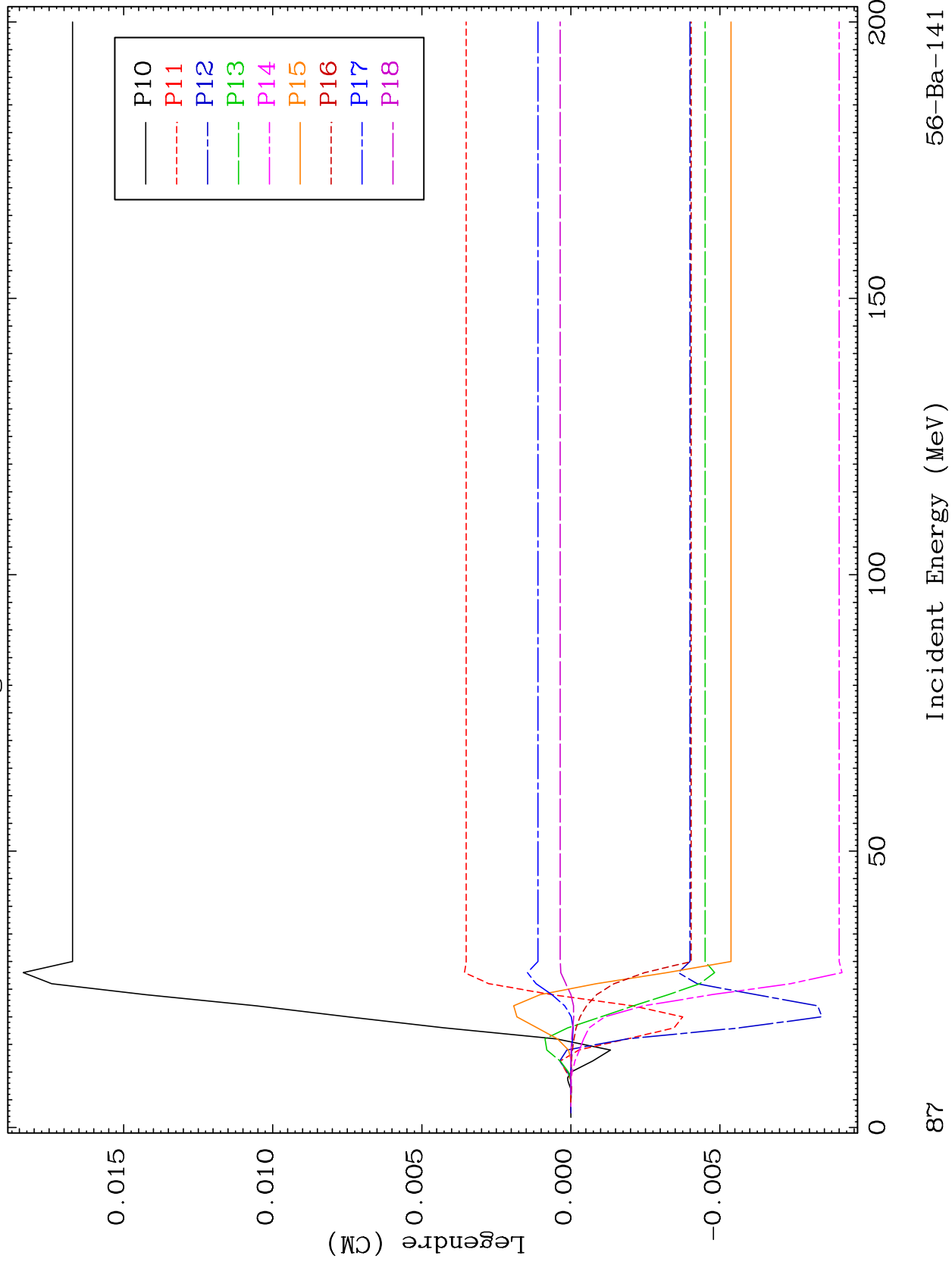
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



87

Incident Energy (MeV)

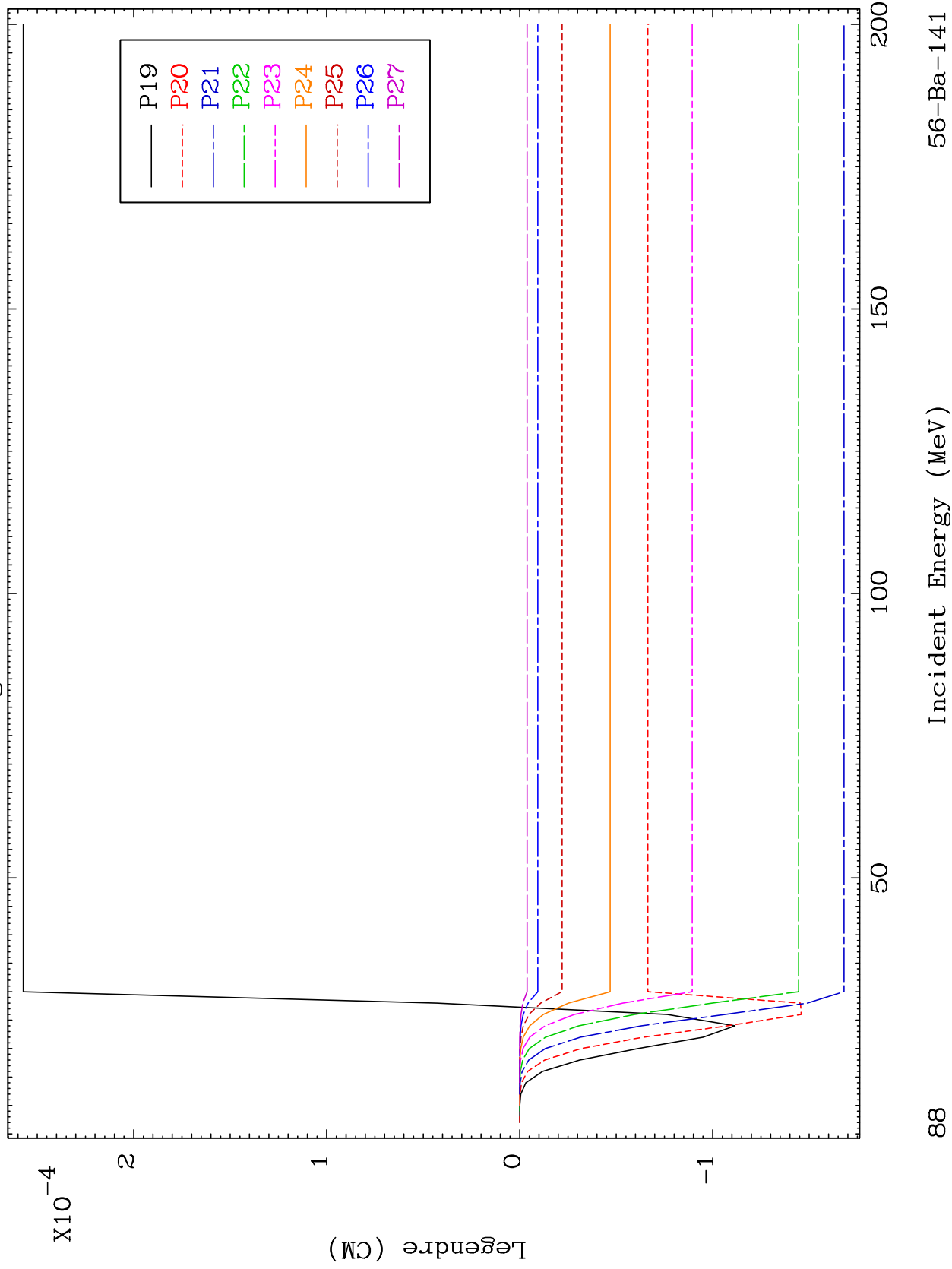
56-Ba-141



MAT 5658

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

56-Ba-141



88

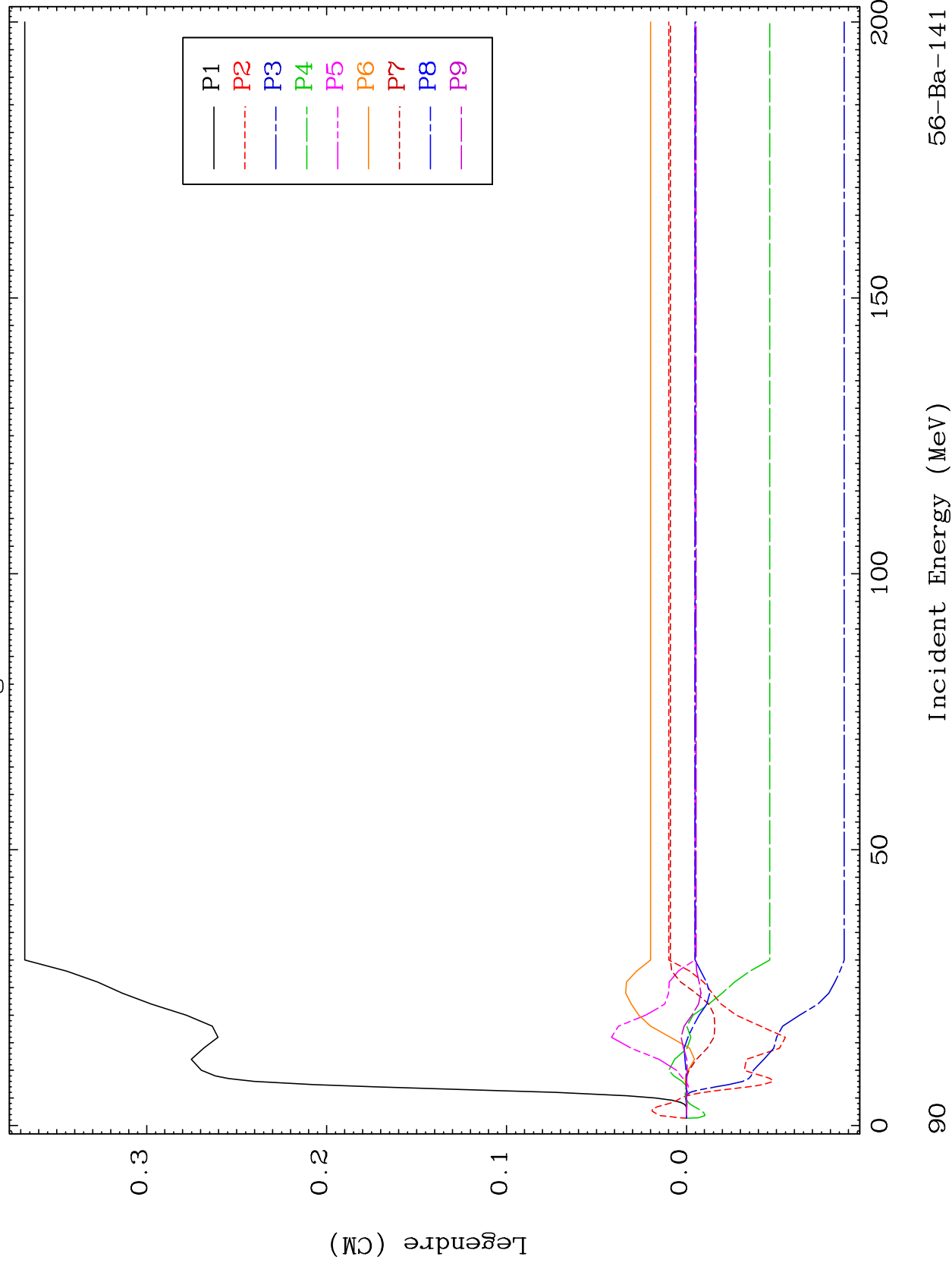
56-Ba-141



MAT 5658

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

56-Ba-141



56-Ba-141

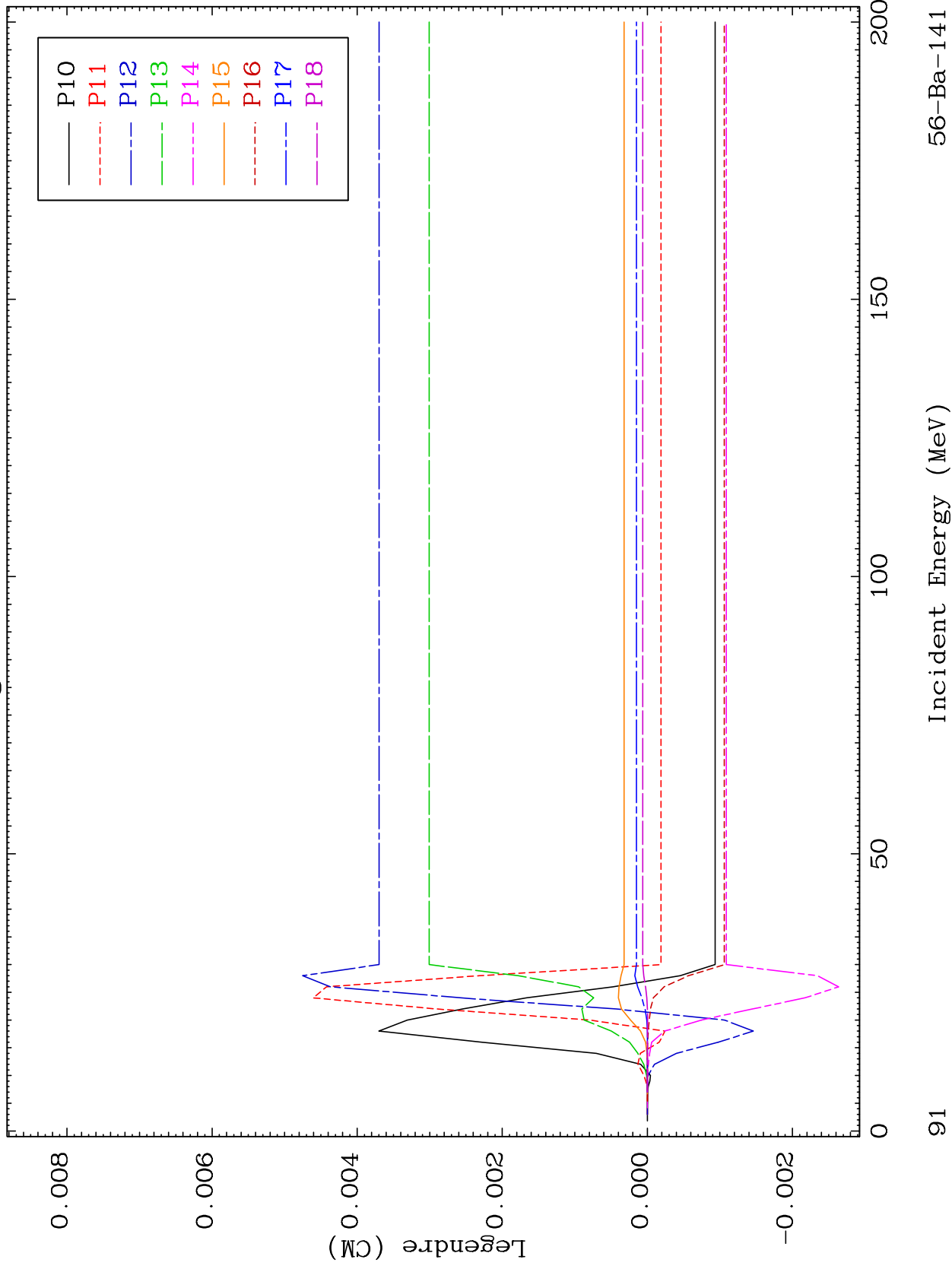
Incident Energy (MeV)

90

MAT 5658

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

56-Ba-141



56-Ba-141

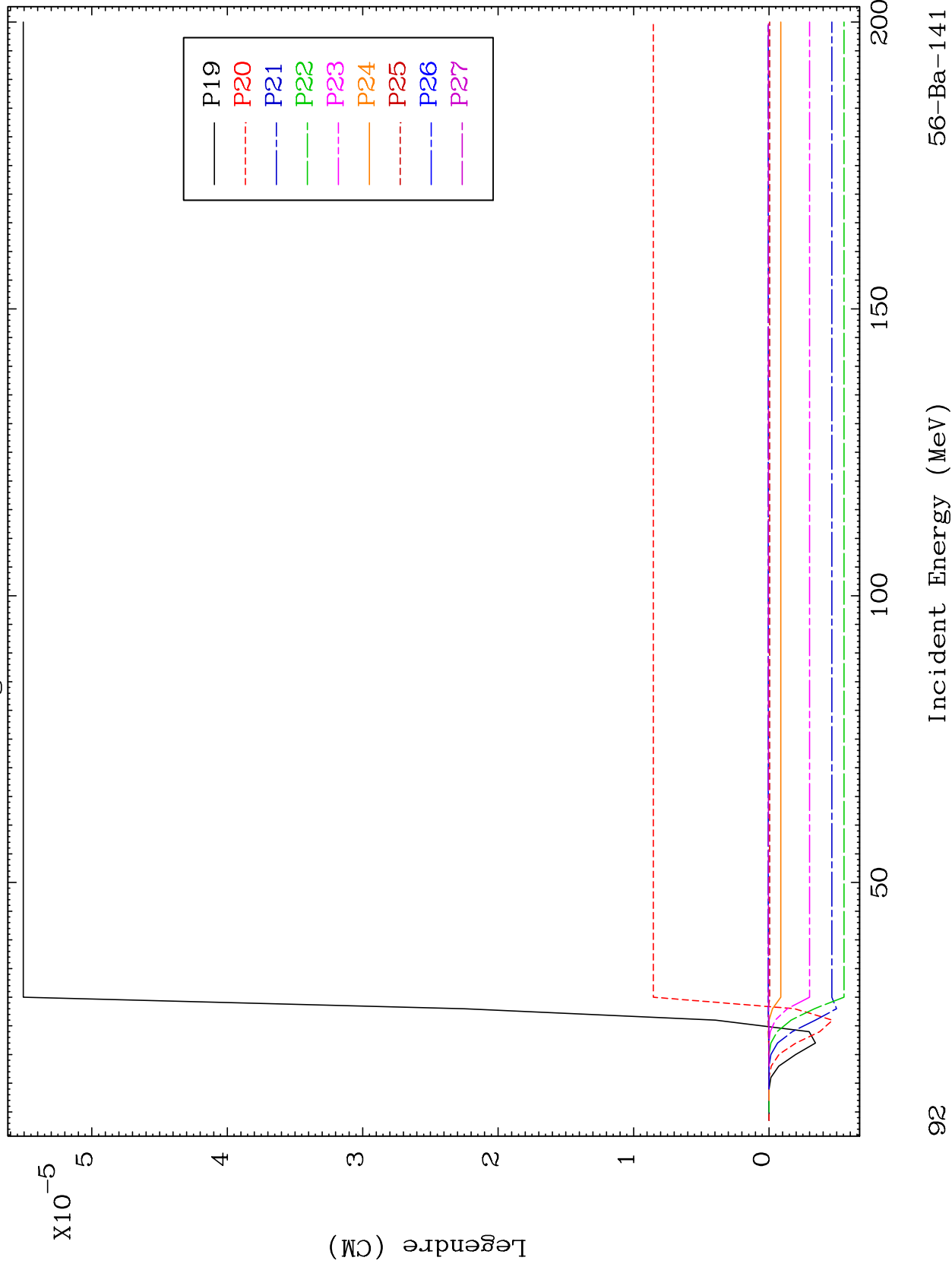
Incident Energy (MeV)

91

MAT 5658

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

56-Ba-141



92

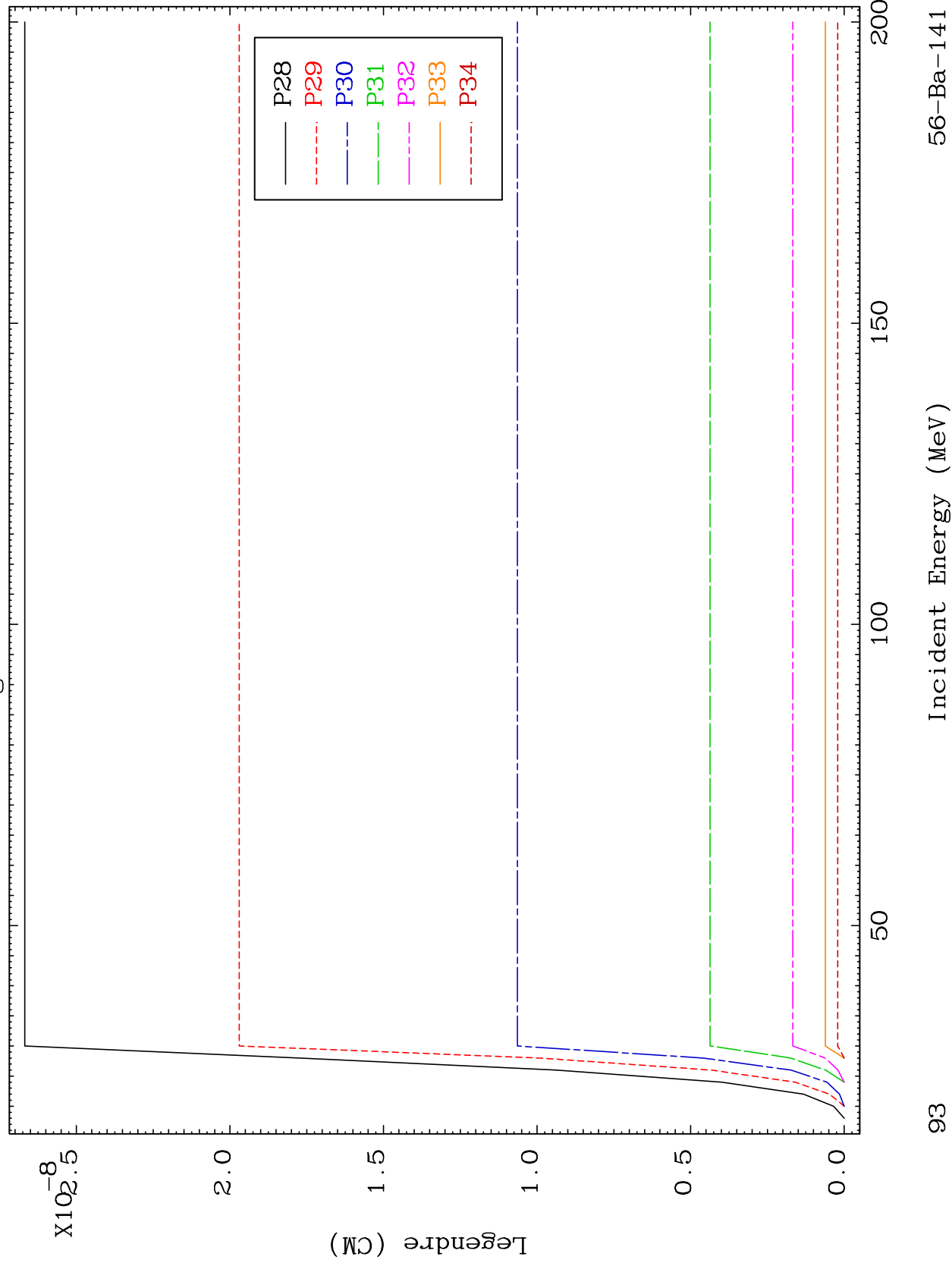
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



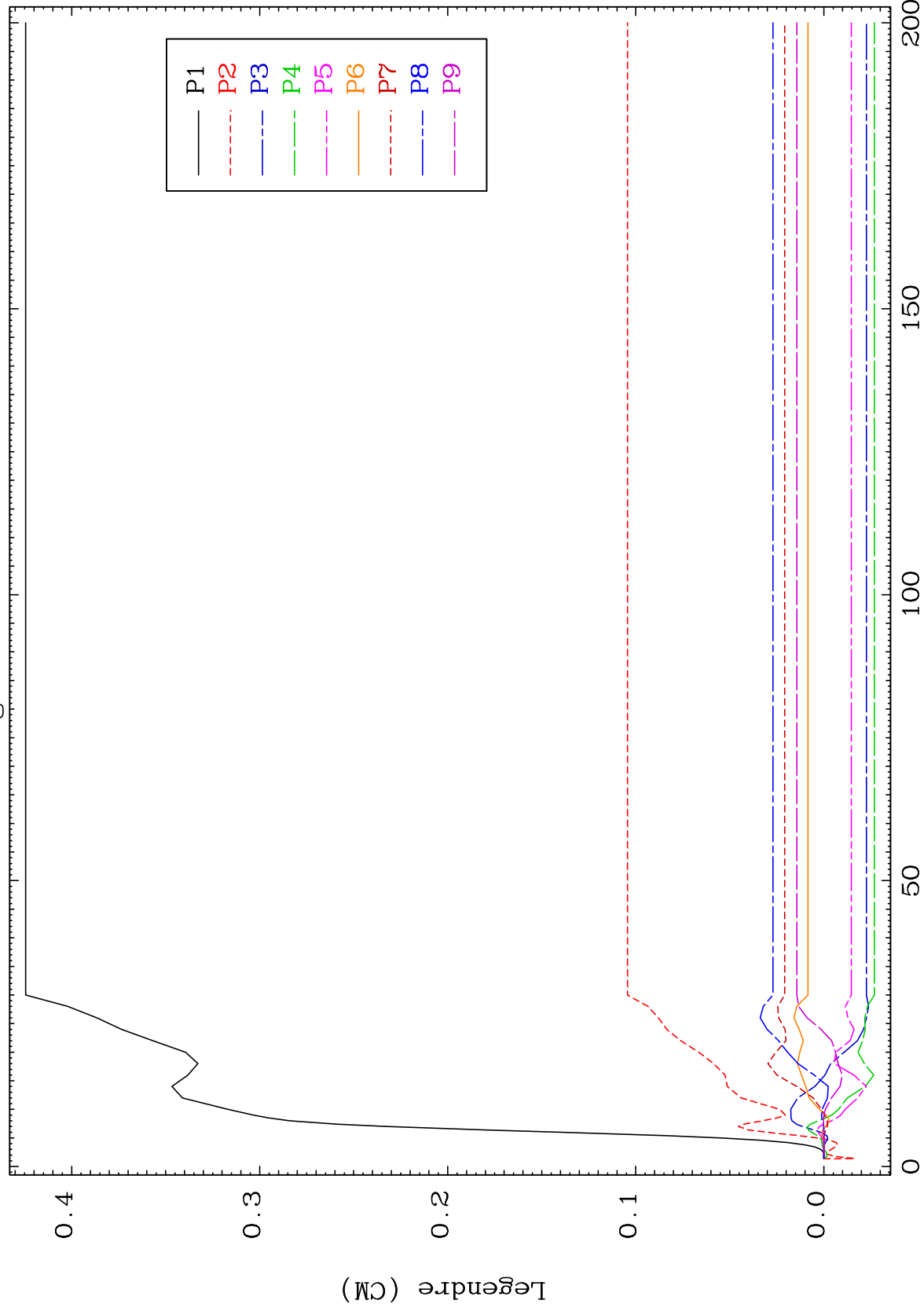
93

56-Ba-141

MAT 5658

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

56-Ba-141



94

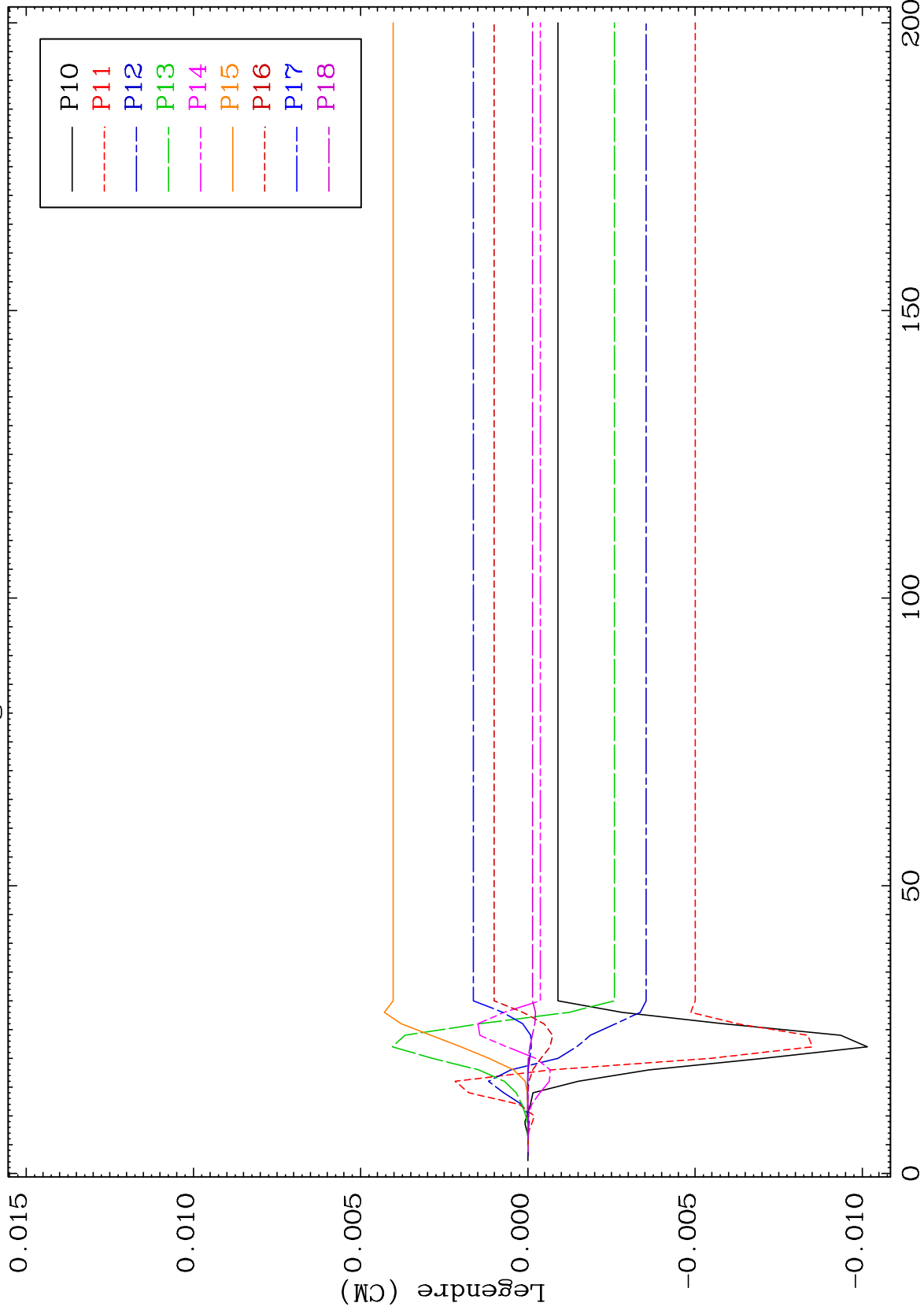
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141

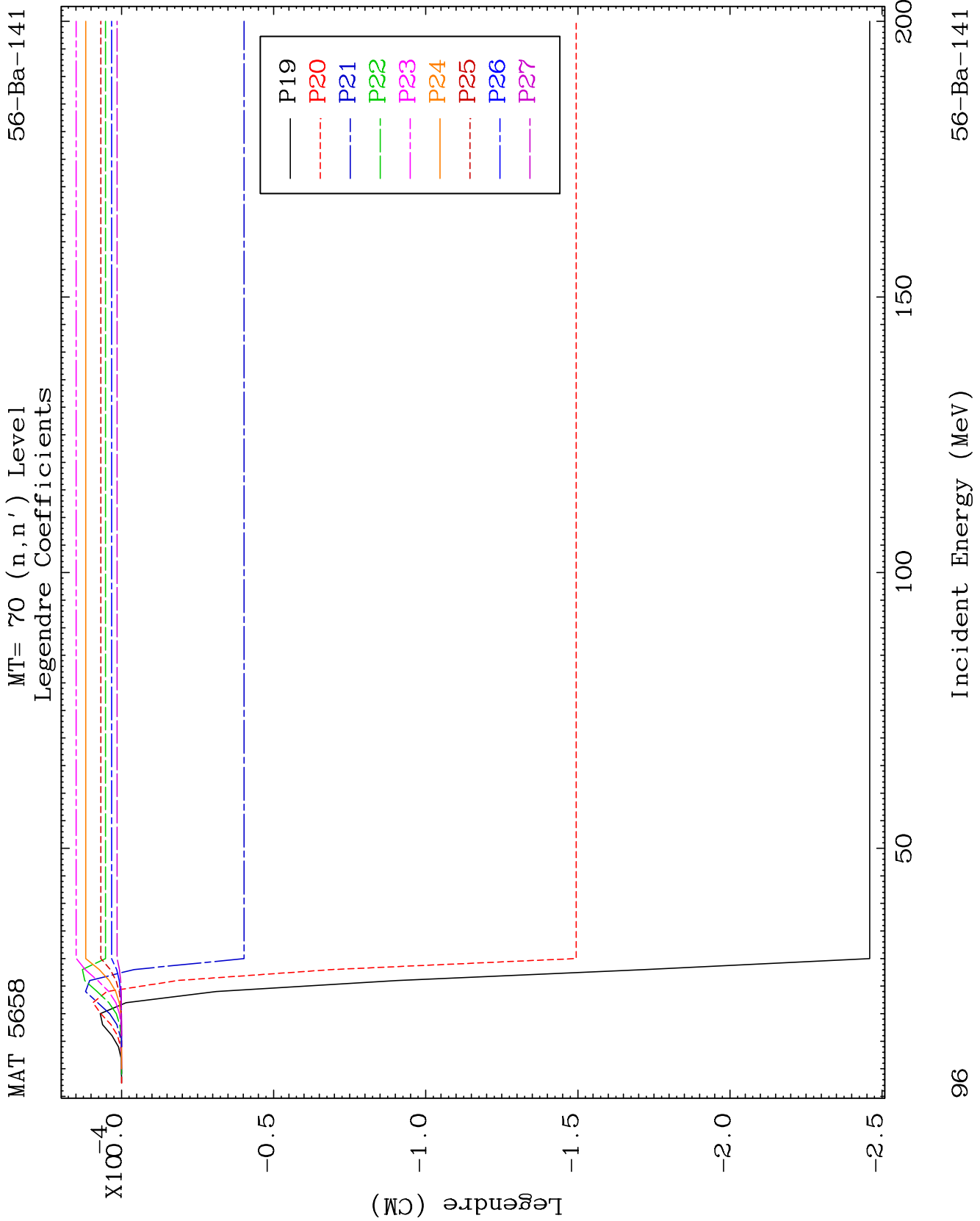


95

Incident Energy (MeV)

56-Ba-141

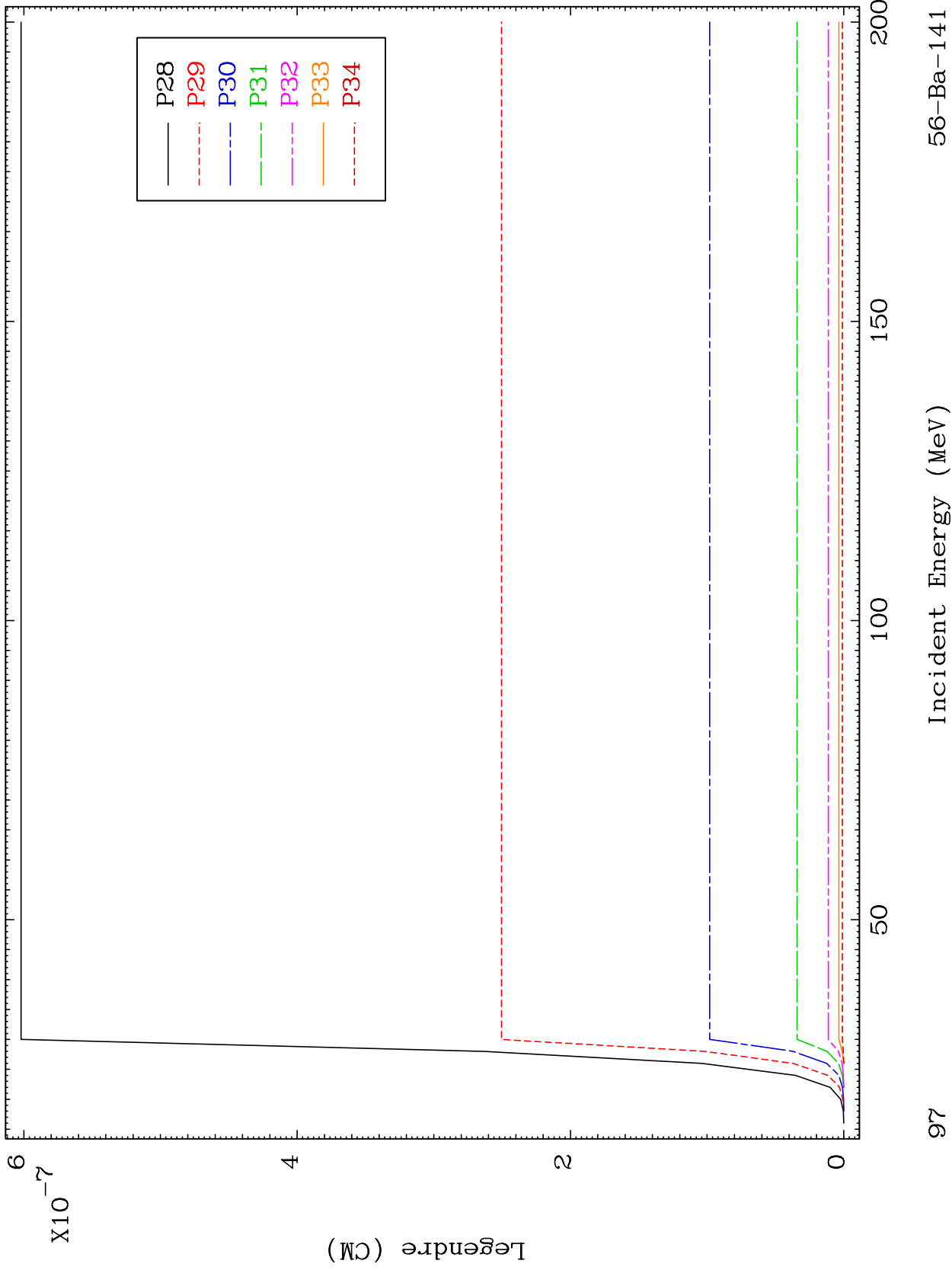




MAT 5658

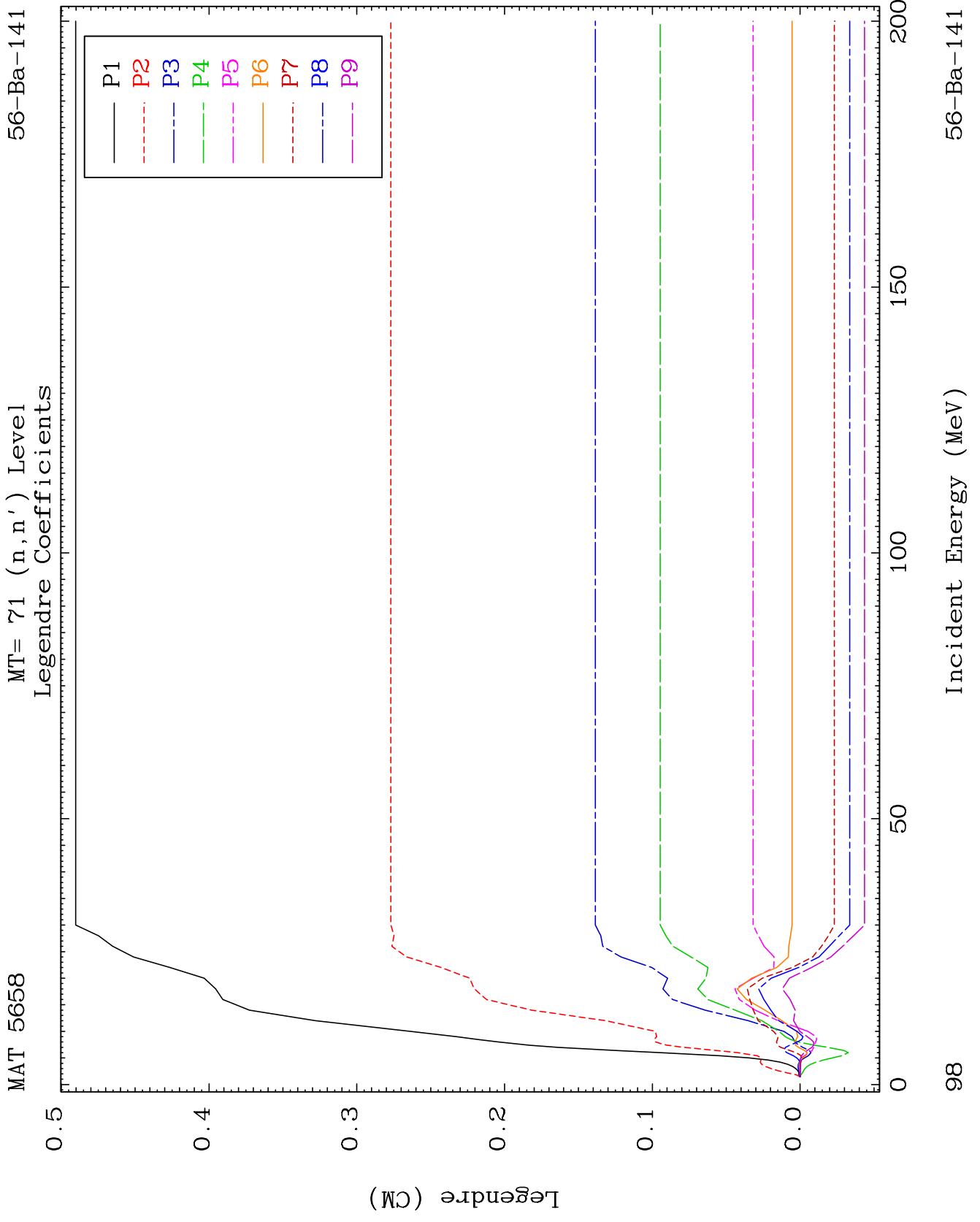
56-Ba-141

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



97

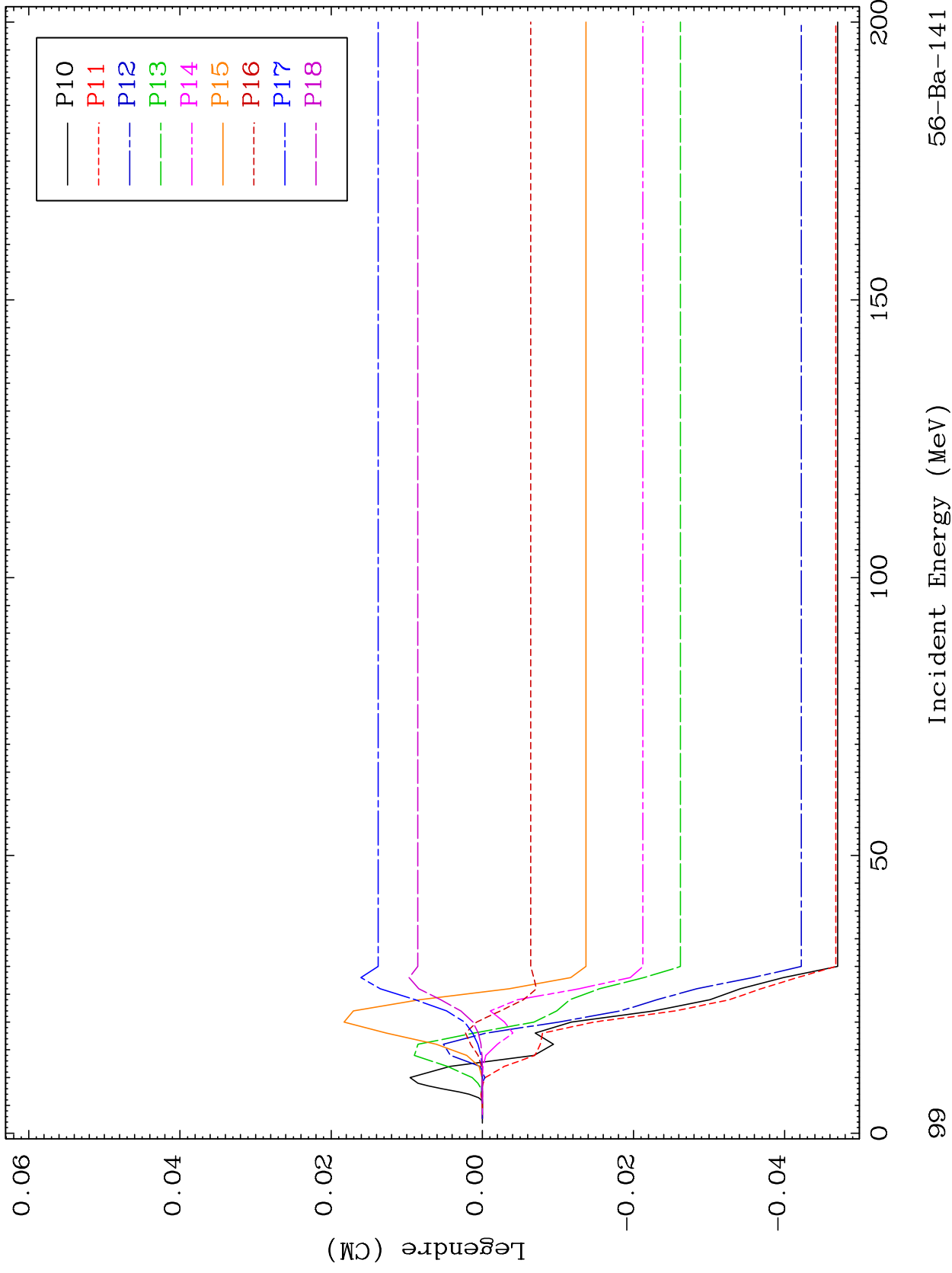
56-Ba-141



MAT 5658

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

56-Ba-141



56-Ba-141

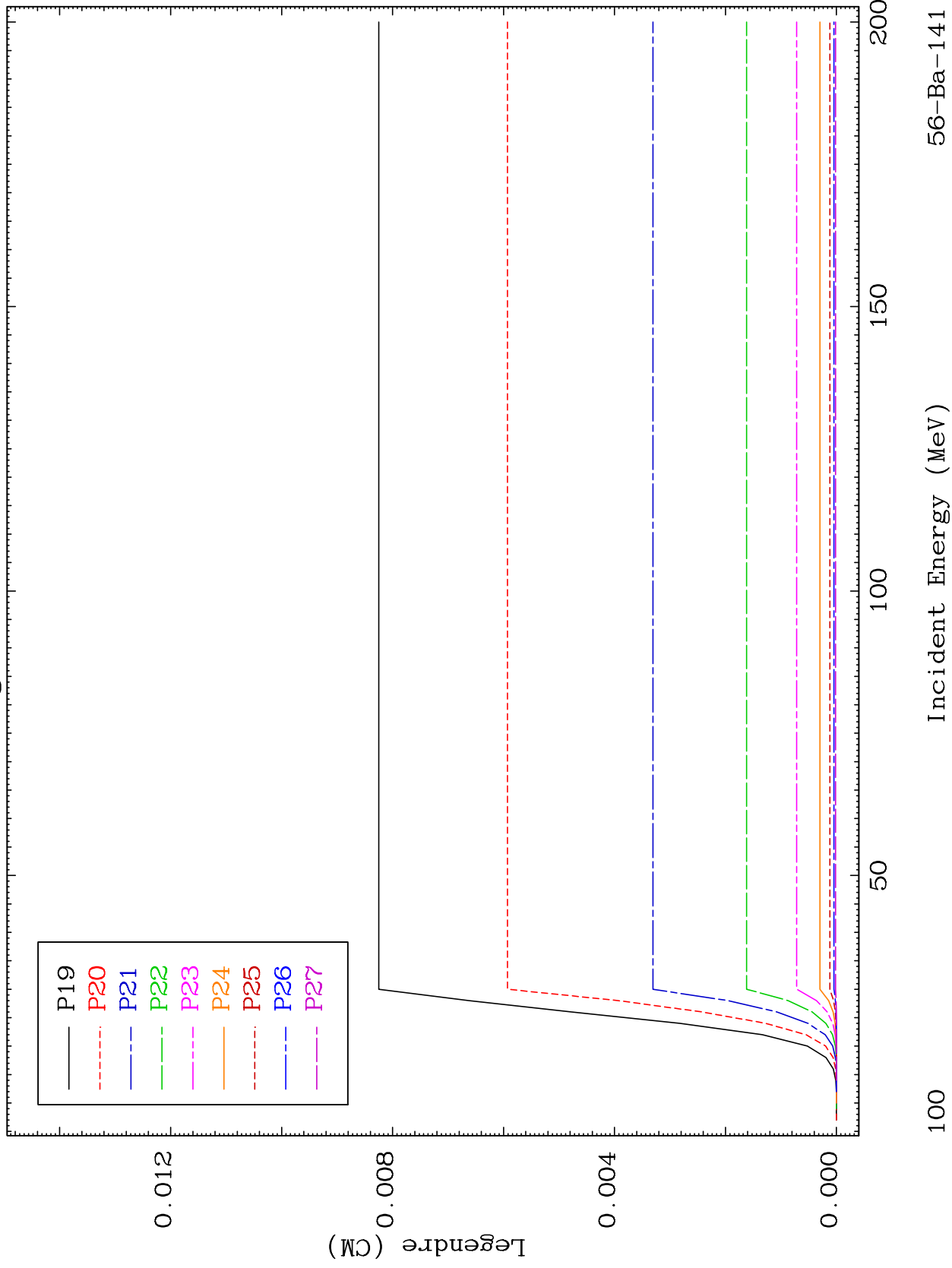
Incident Energy (MeV)

99

MAT 5658

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

56-Ba-141



56-Ba-141

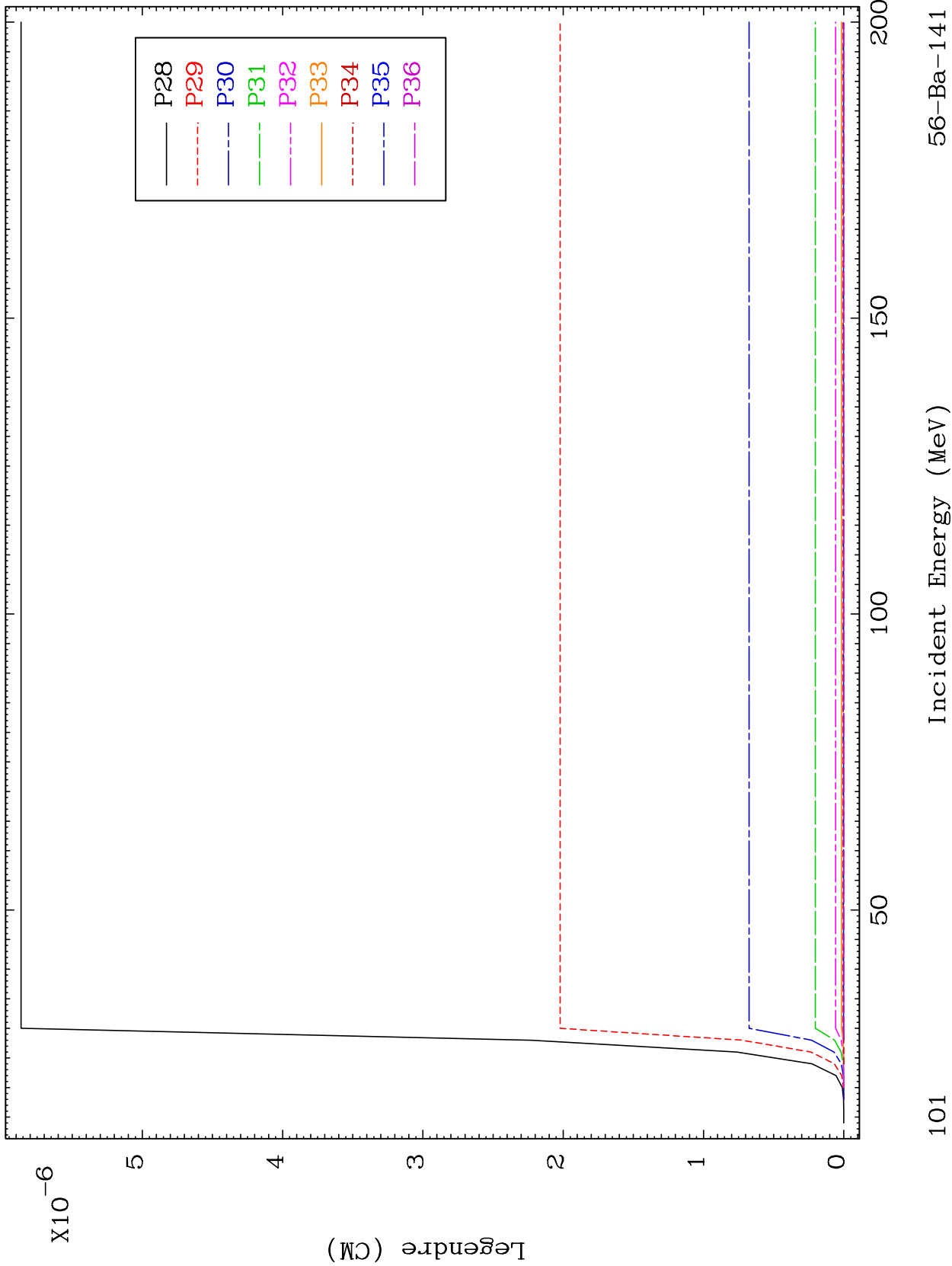
Incident Energy (MeV)

100

MAT 5658

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

56-Ba-141



101

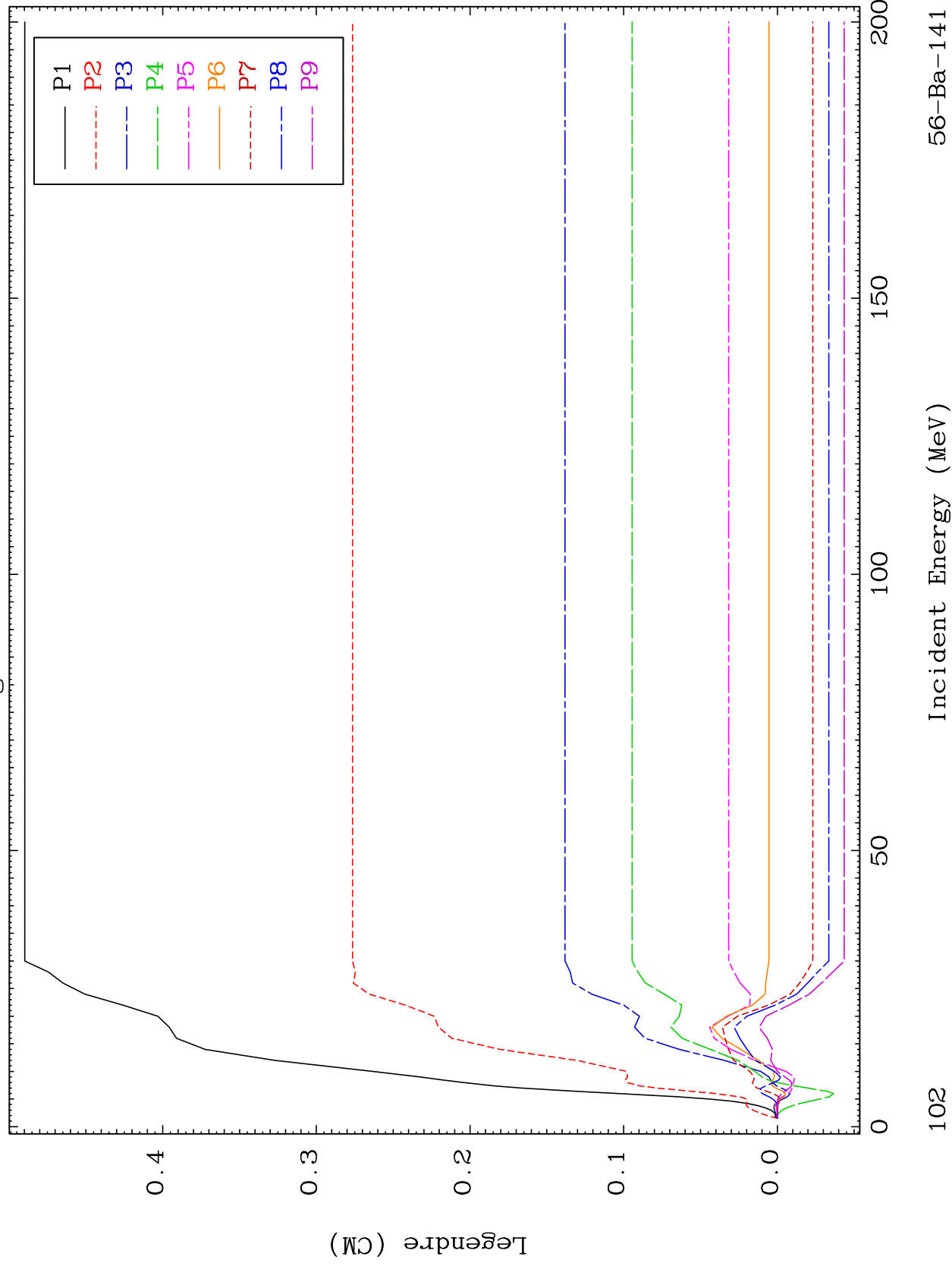
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

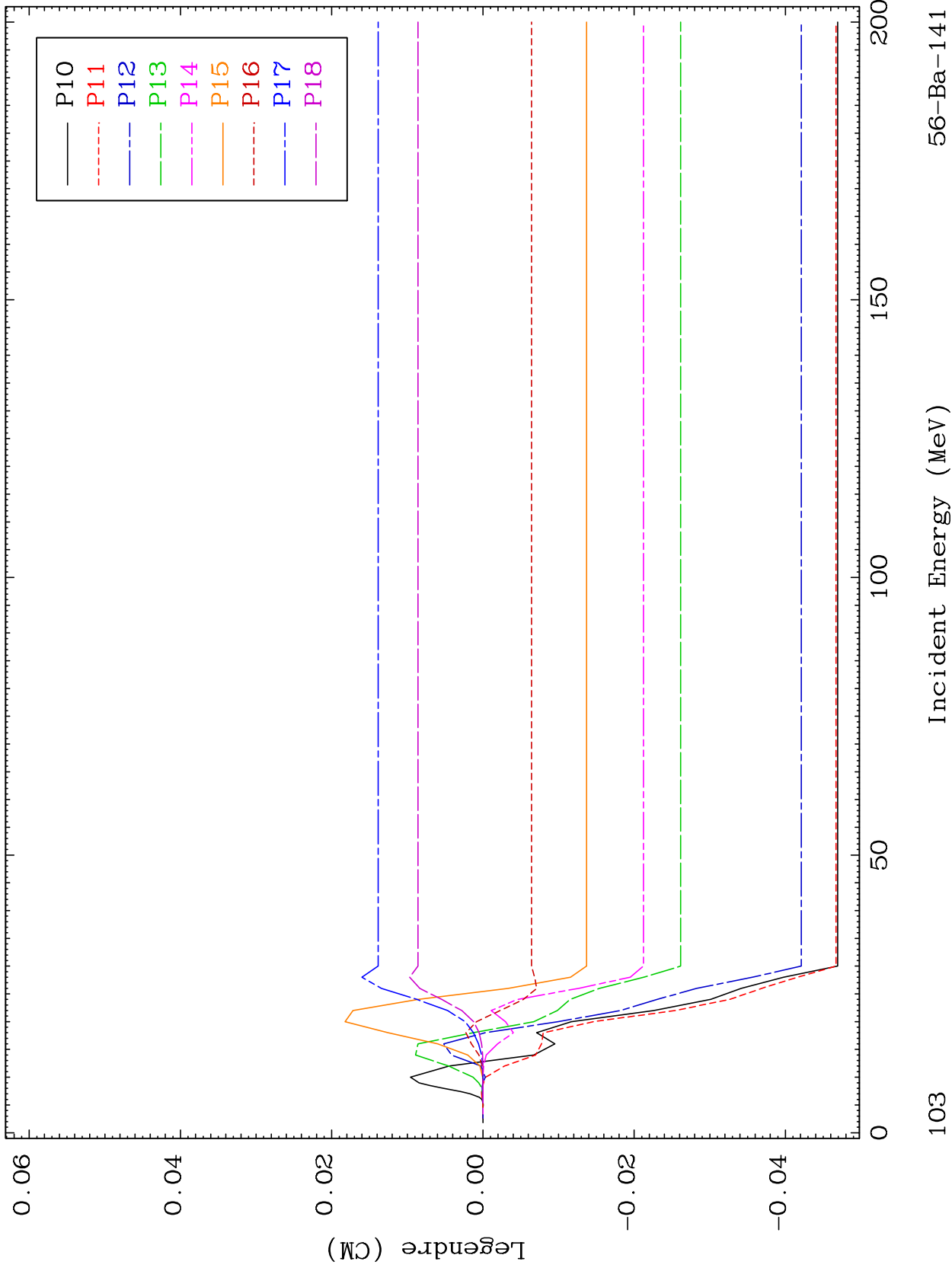
56-Ba-141



MAT 5658

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

56-Ba-141



56-Ba-141

Incident Energy (MeV)

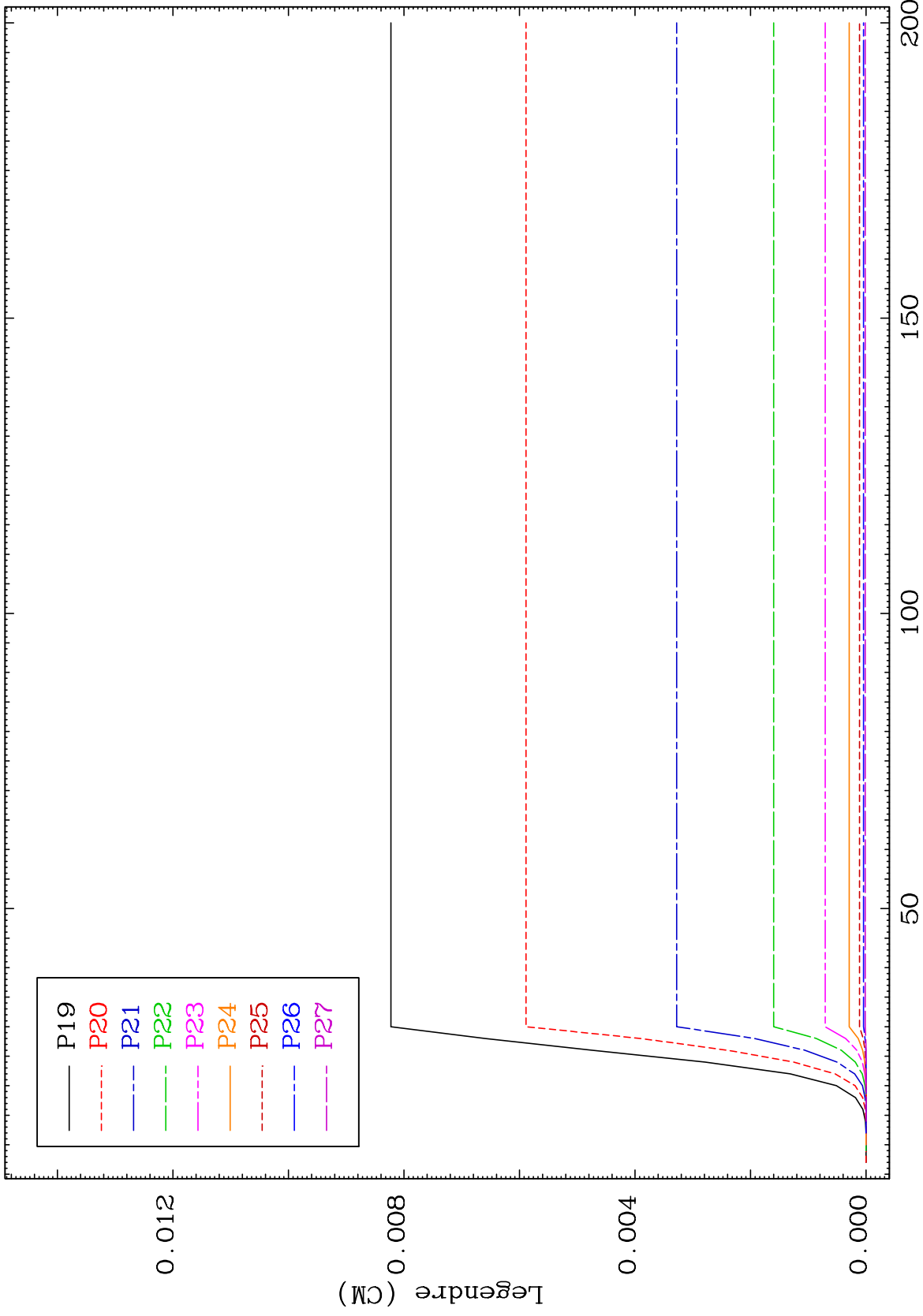
103



MAT 5658

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

56-Ba-141



104

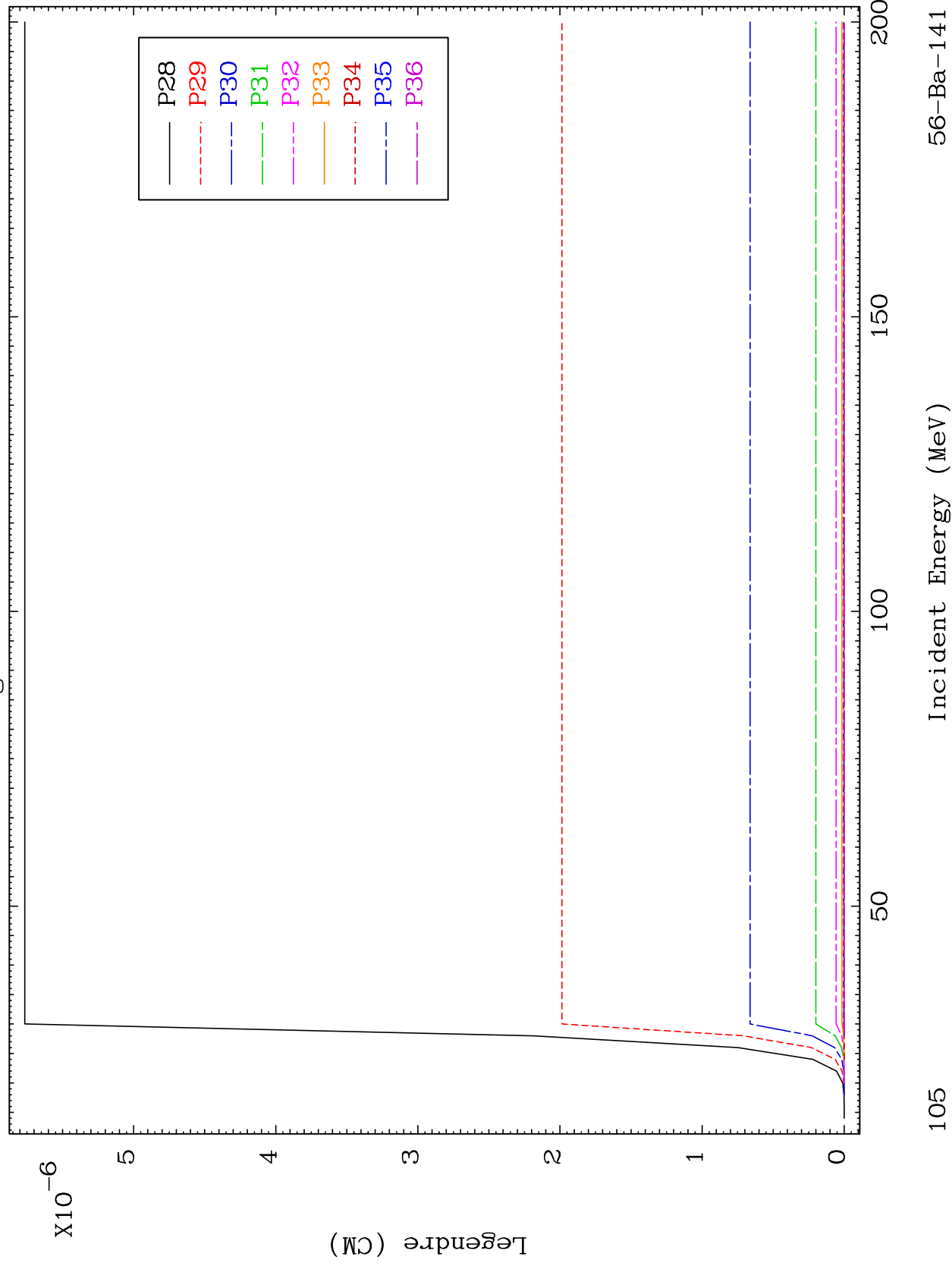
Incident Energy (MeV)

56-Ba-141

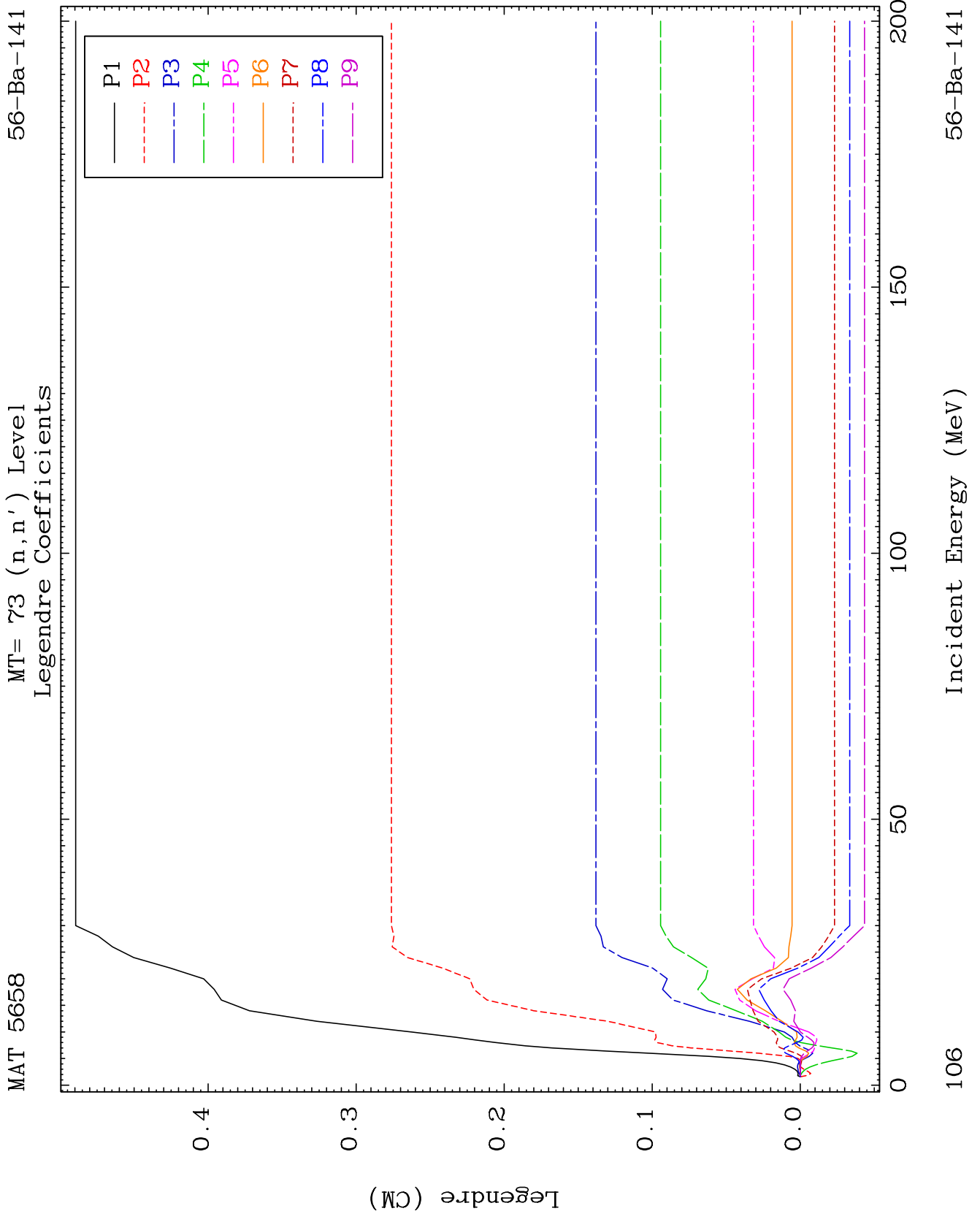
MAT 5658

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

56-Ba-141



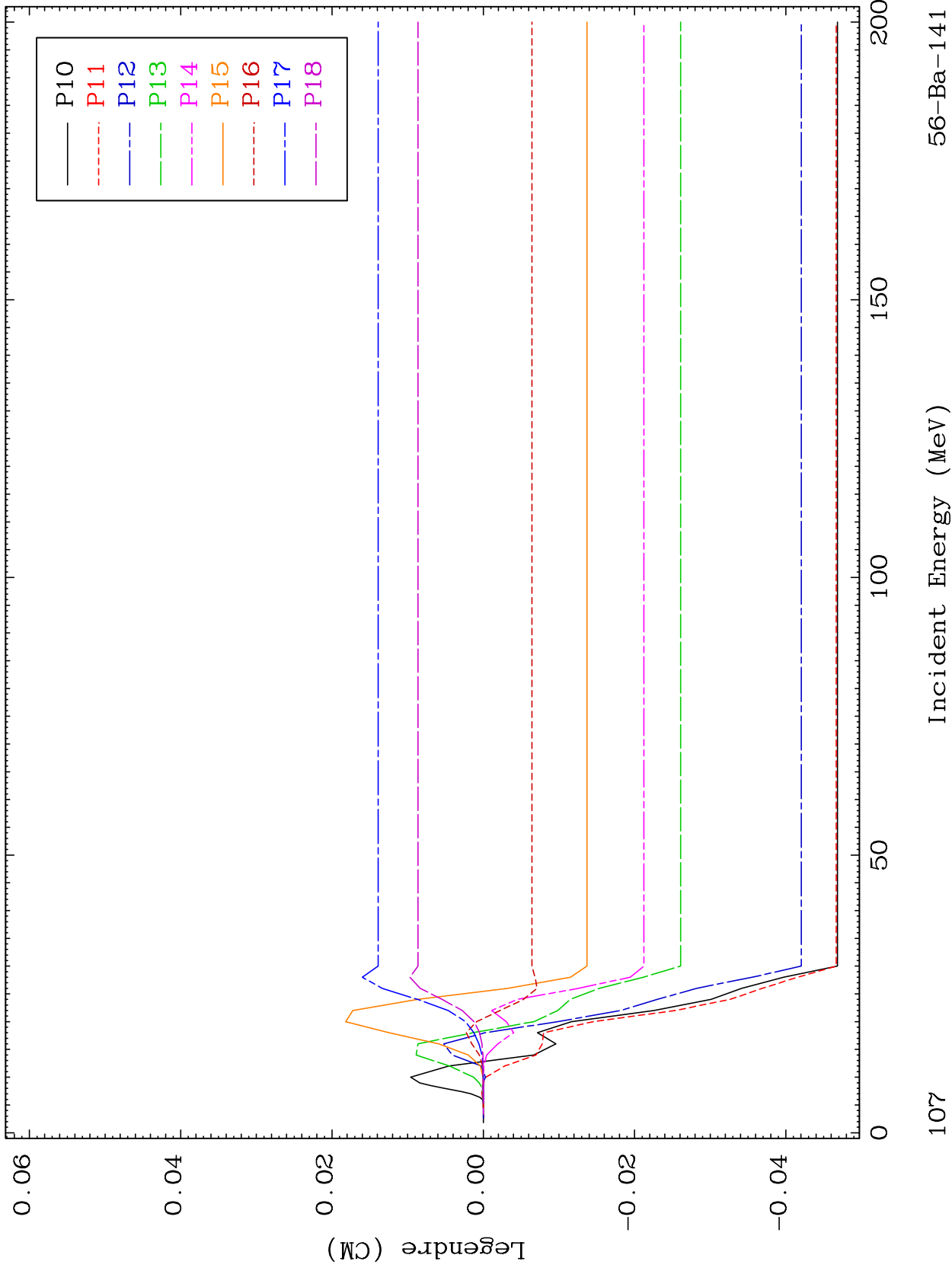
56-Ba-141



MAT 5658

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

56-Ba-141



56-Ba-141

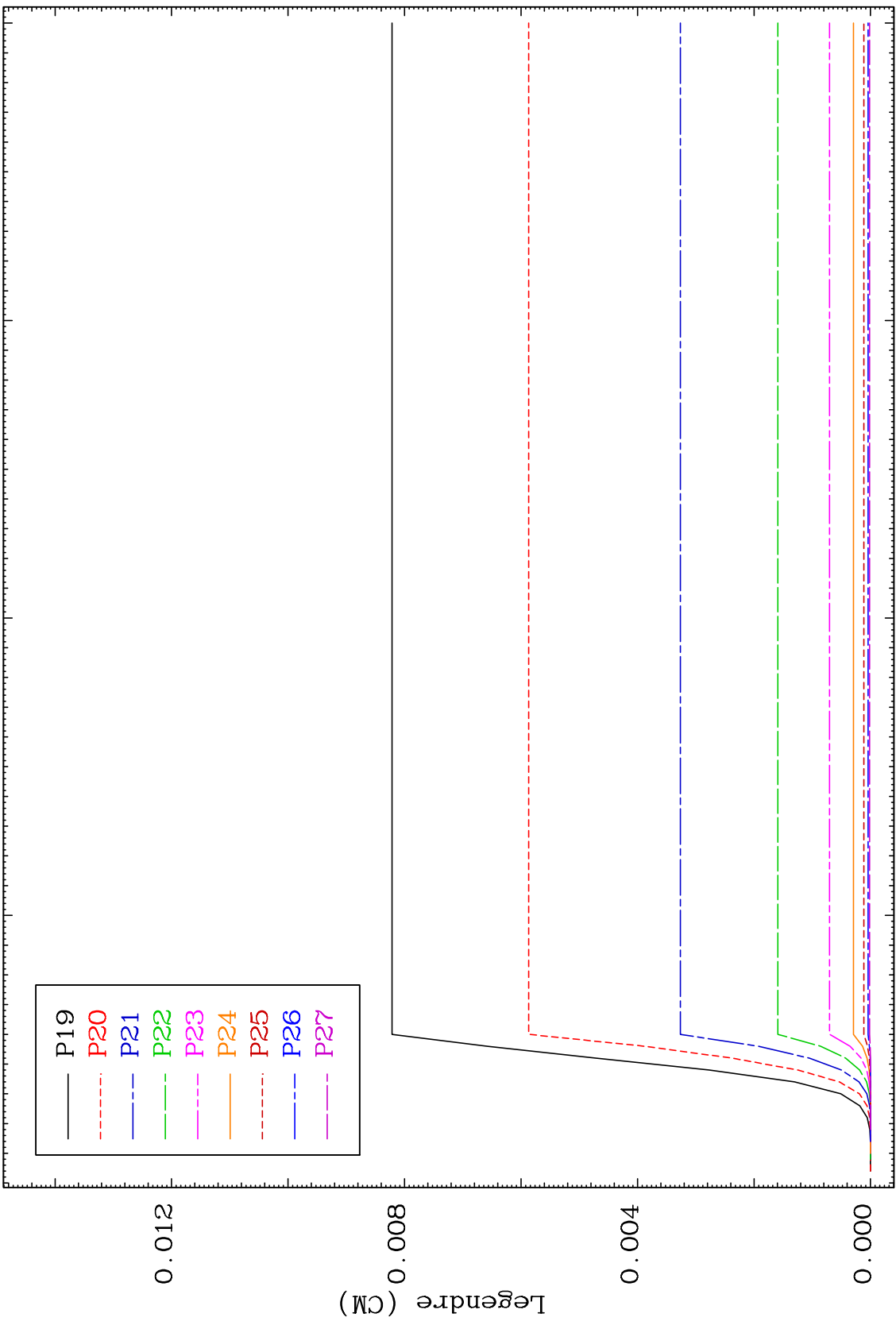
Incident Energy (MeV)

107

MAT 5658

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

56-Ba-141



108

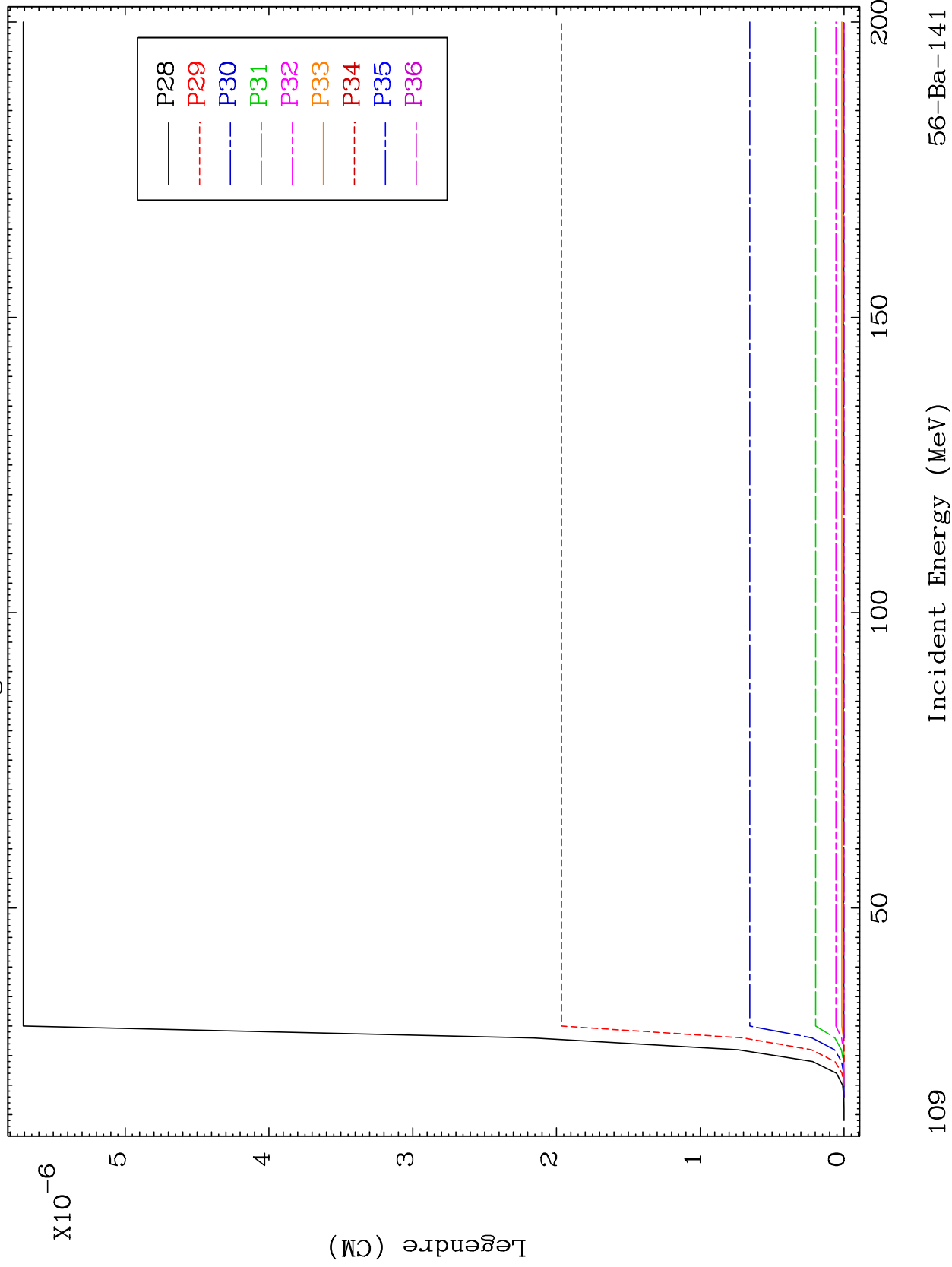
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



109

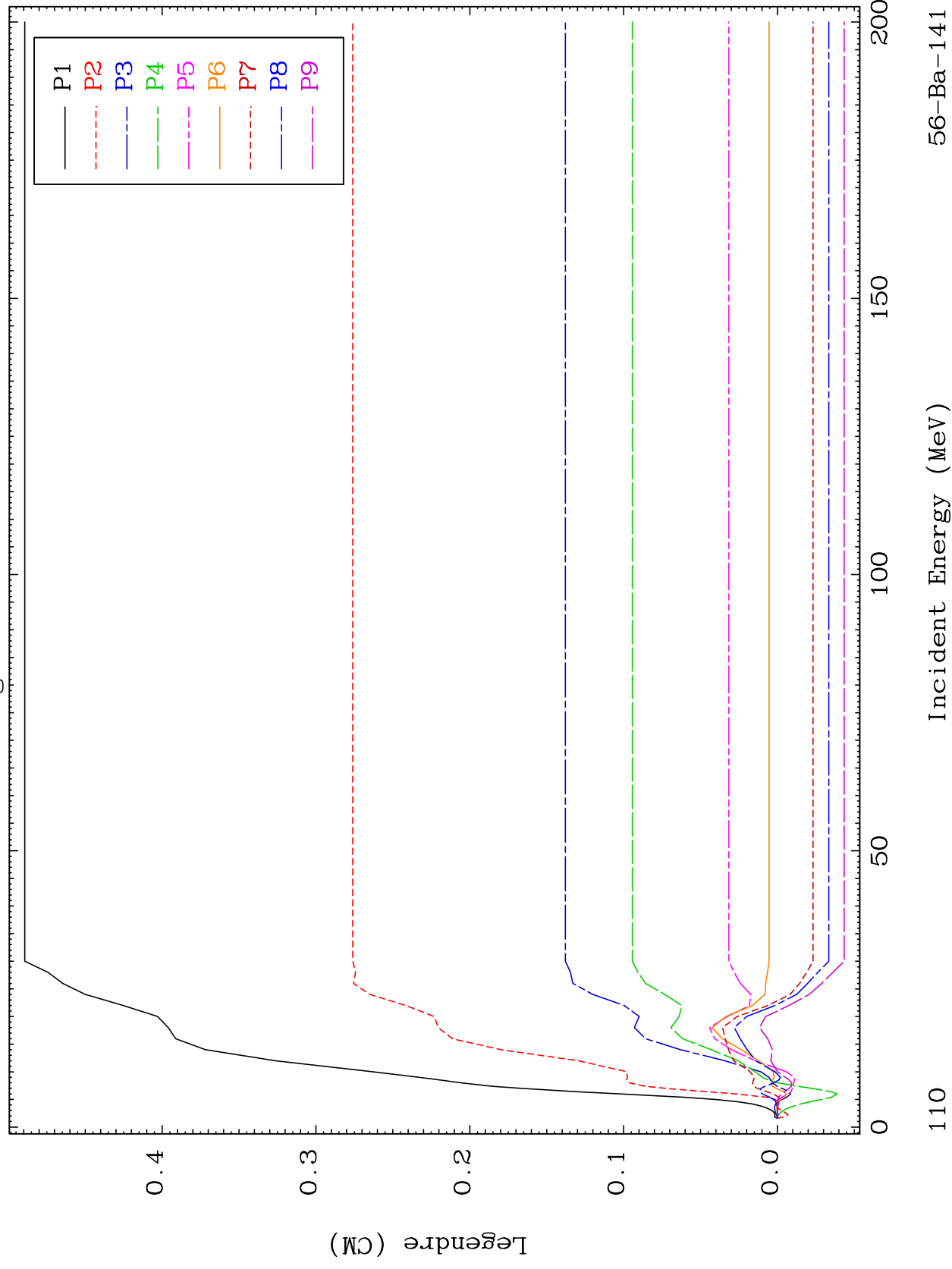
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



56-Ba-141

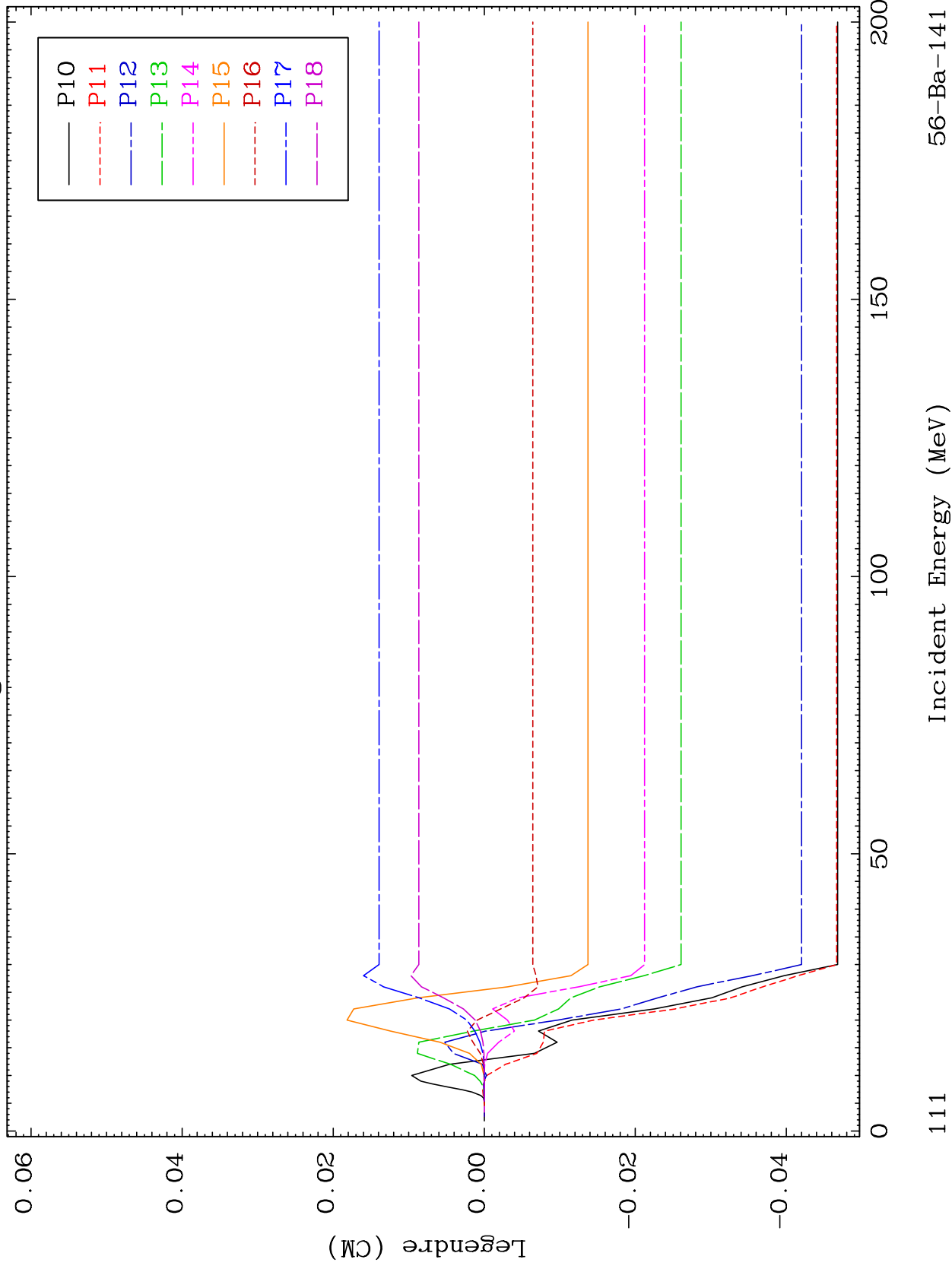
Incident Energy (MeV)

110

MAT 5658

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

56-Ba-141



111

Incident Energy (MeV)

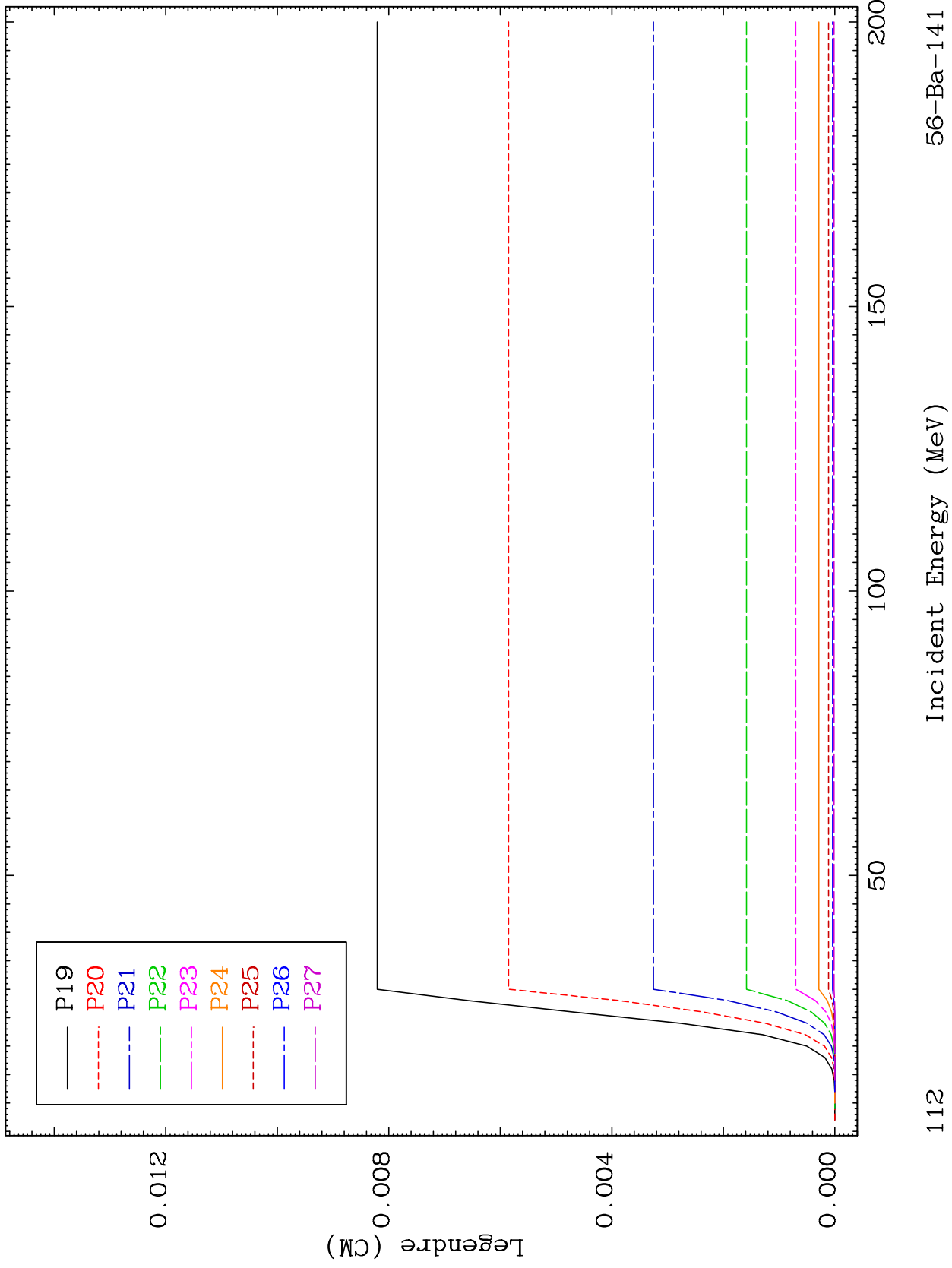
56-Ba-141



MAT 5658

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

56-Ba-141



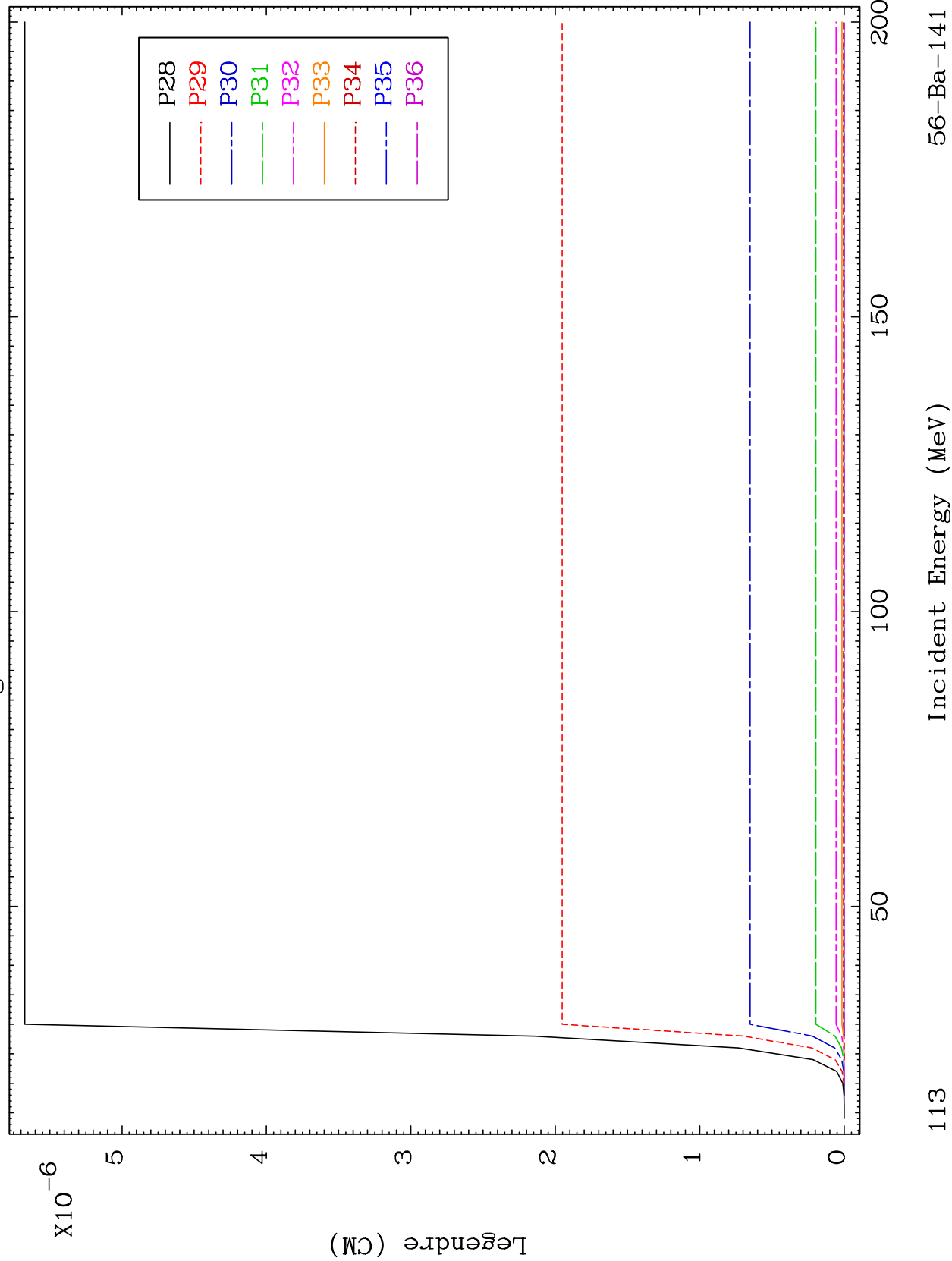
112

56-Ba-141

MAT 5658

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

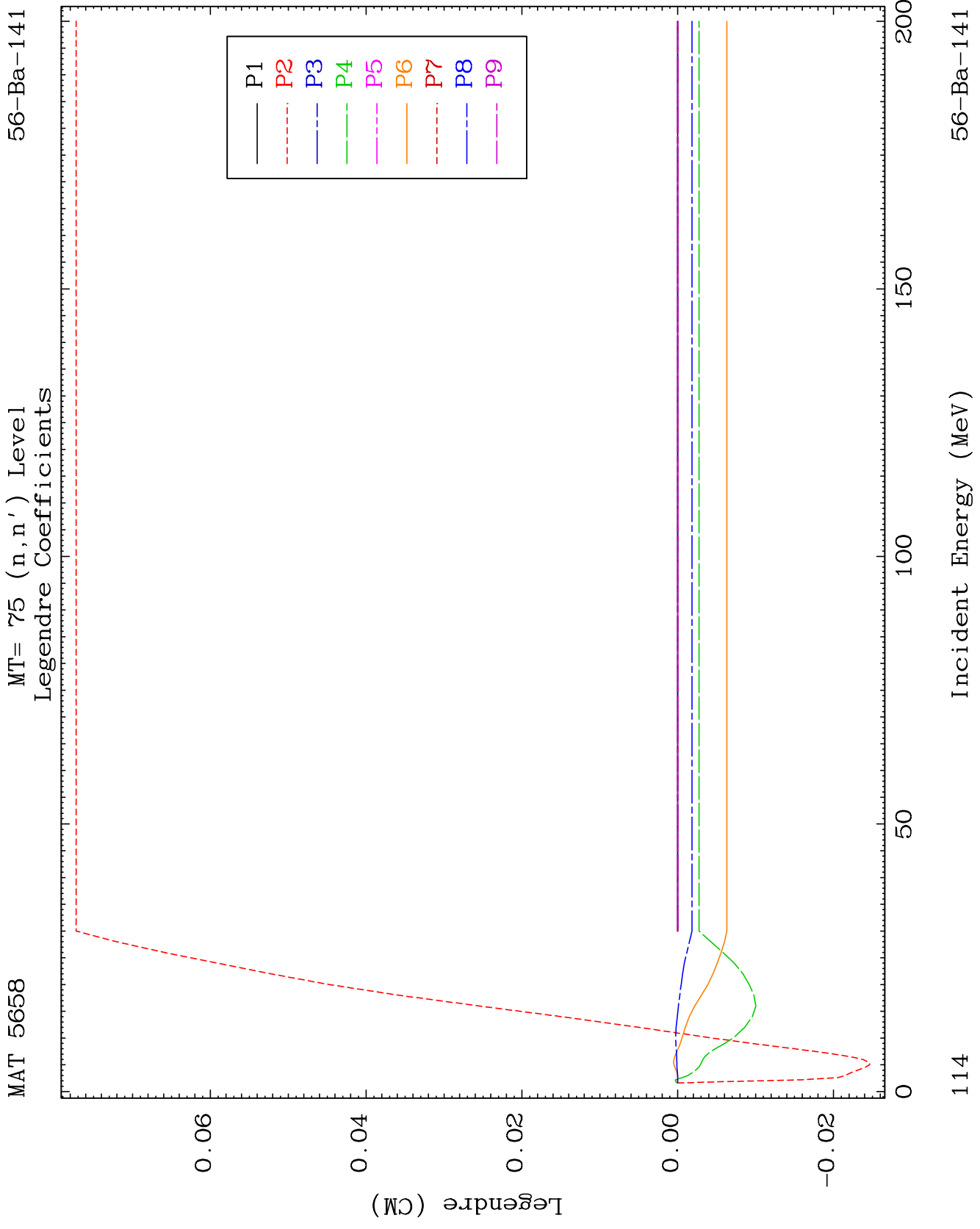
56-Ba-141



113

Incident Energy (MeV)

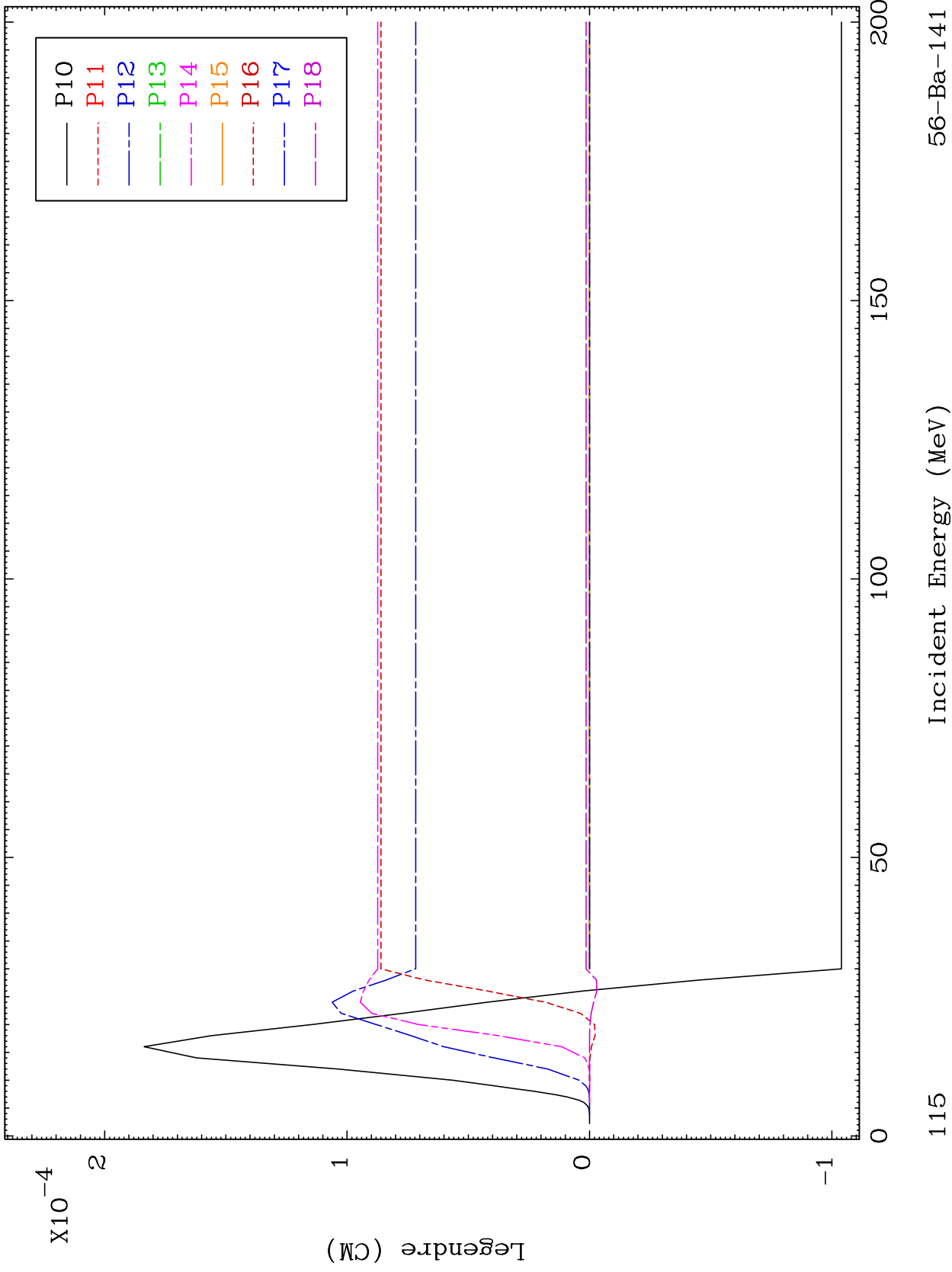
56-Ba-141



MAT 5658

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

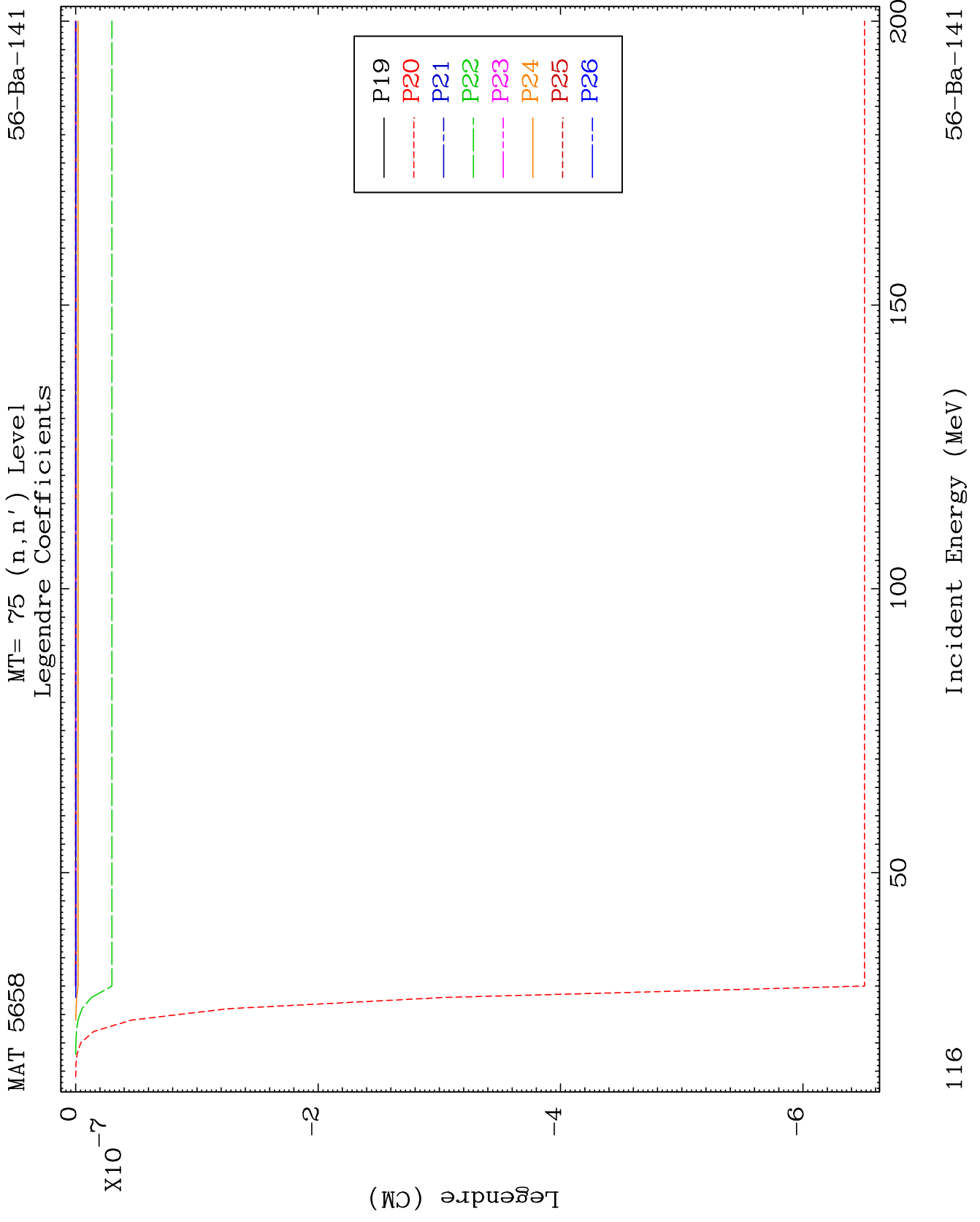
56-Ba-141



56-Ba-141

Incident Energy (MeV)

115

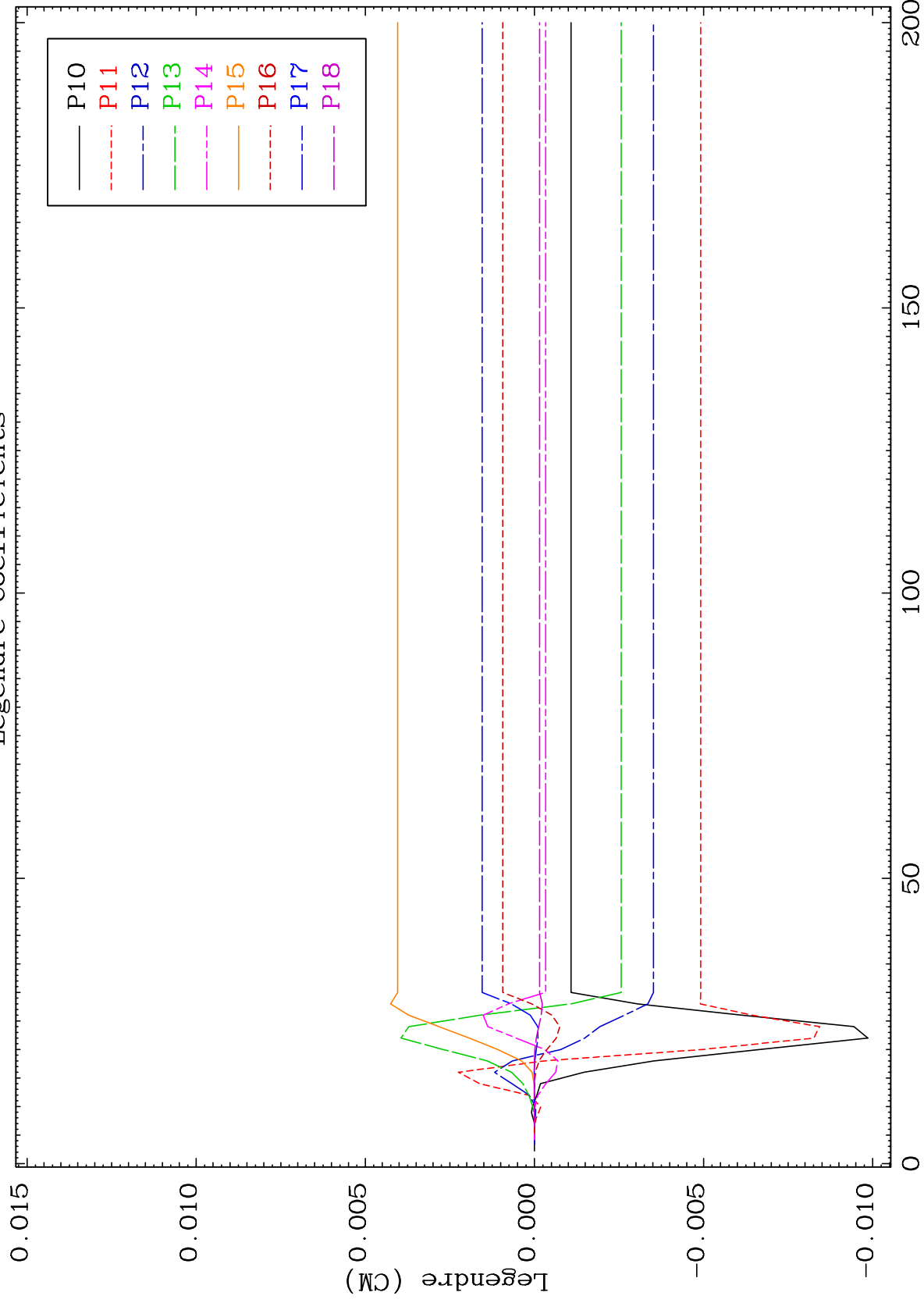




MAT 5658

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

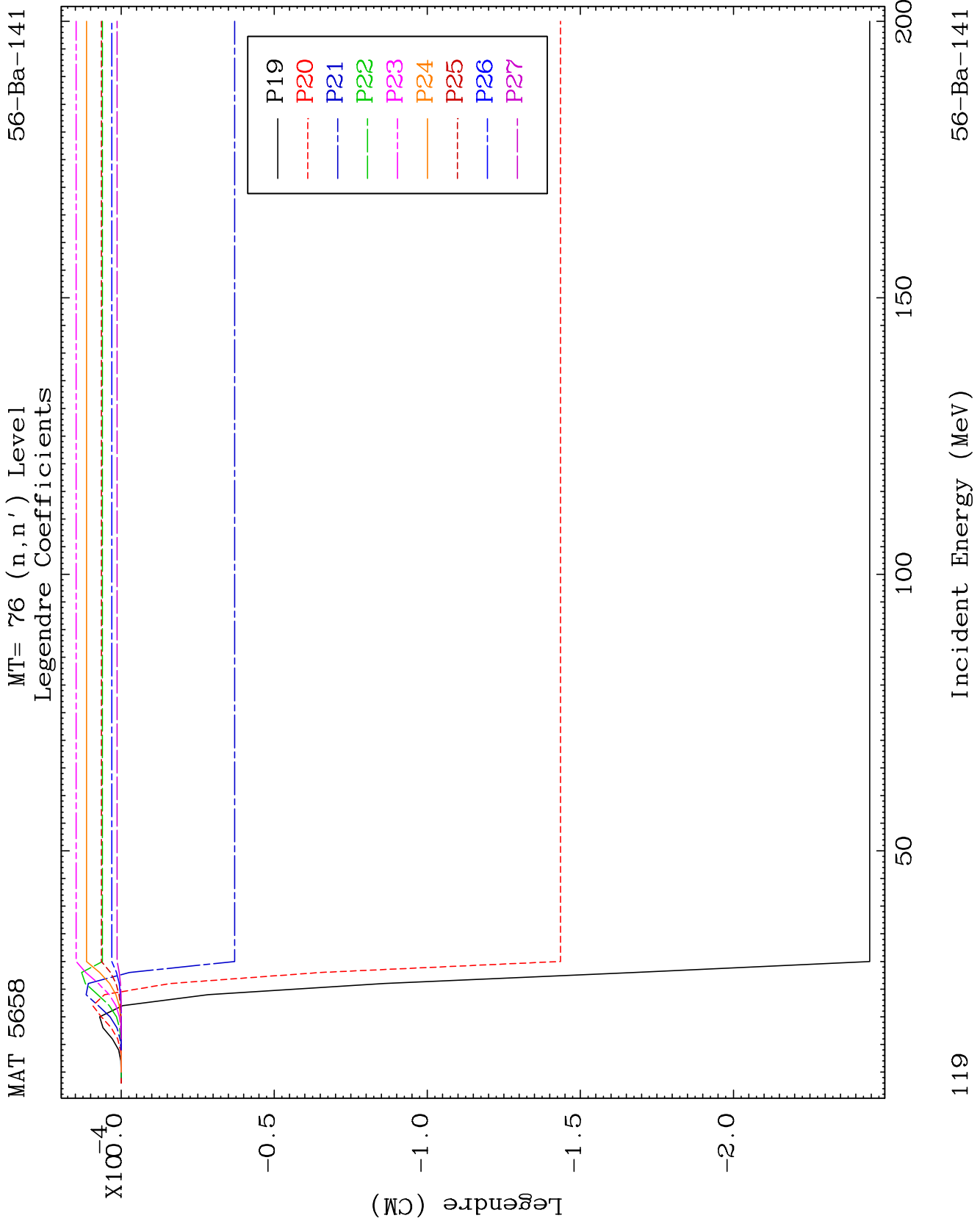
56-Ba-141



118

Incident Energy (MeV)

56-Ba-141

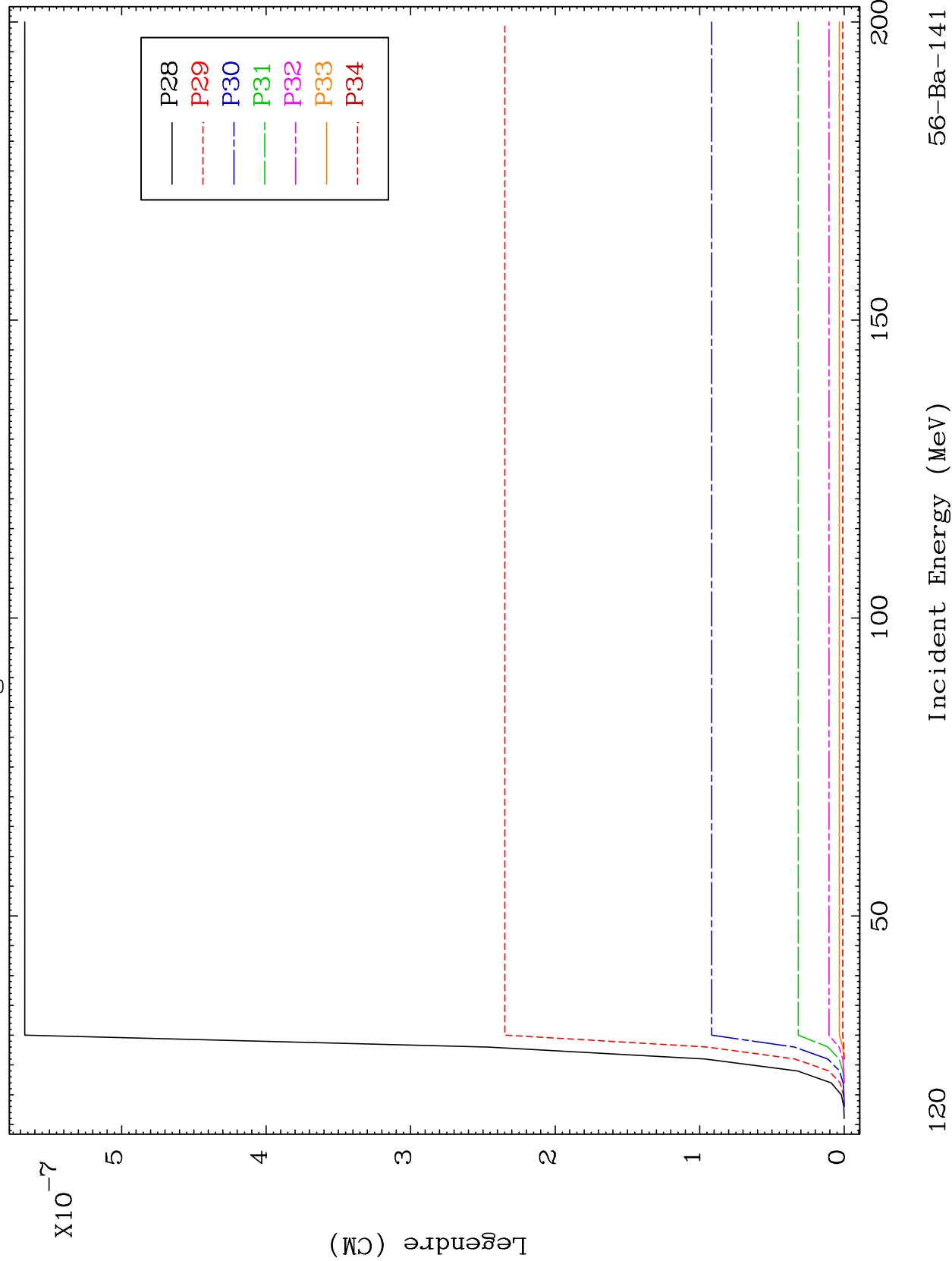




MAT 5658

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

56-Ba-141



120

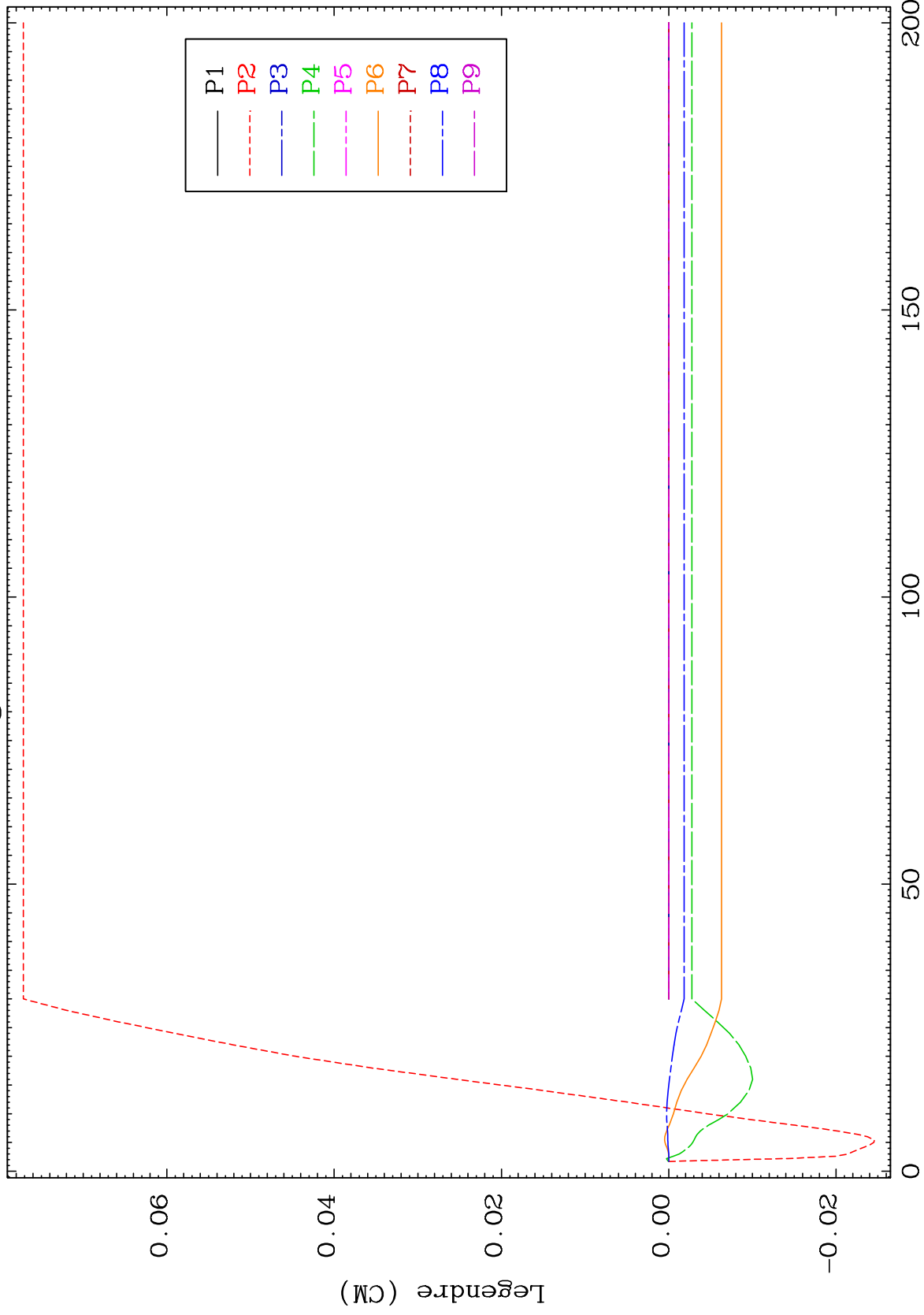
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



121

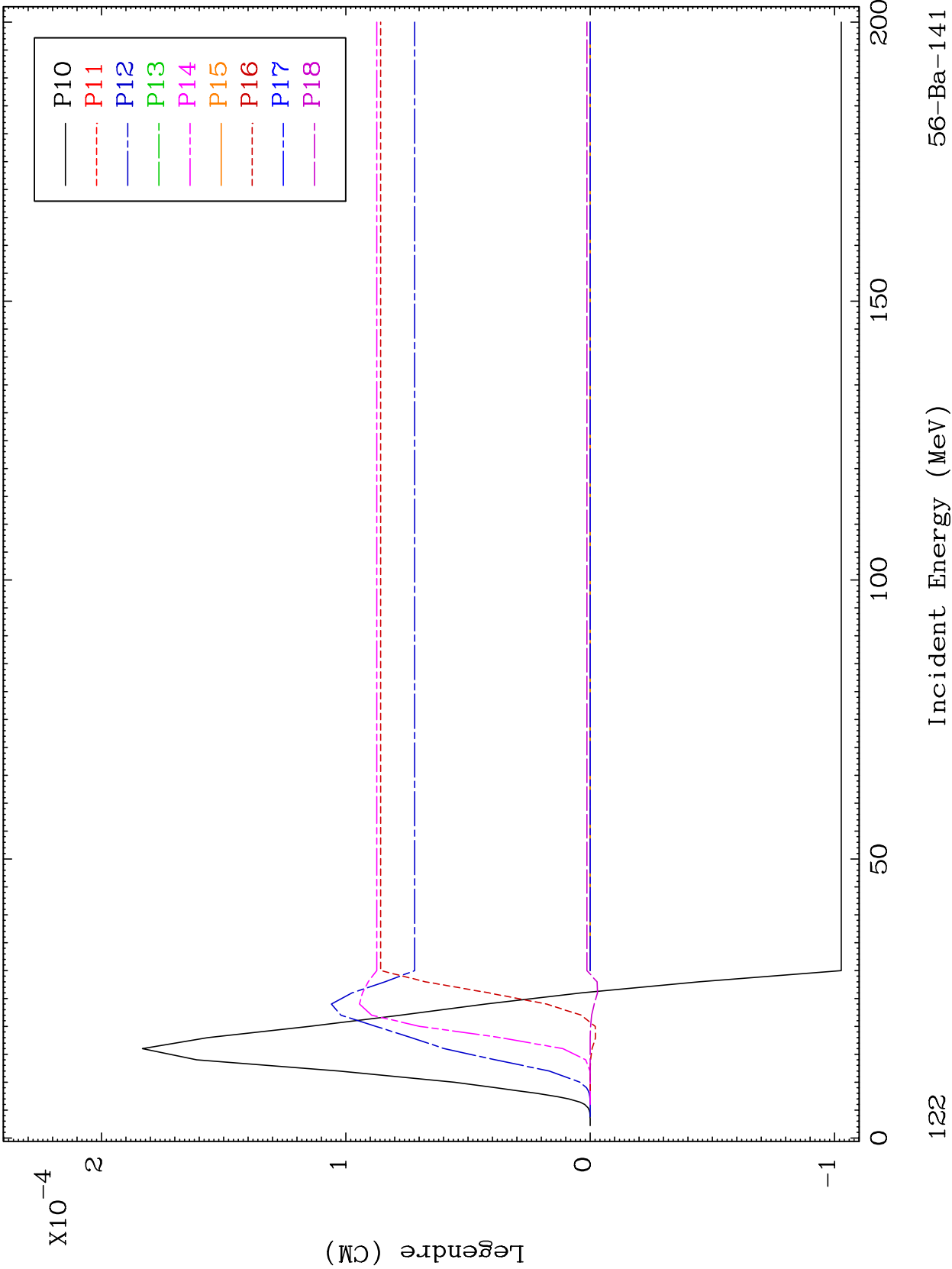
Incident Energy (MeV)

56-Ba-141

MAT 5658

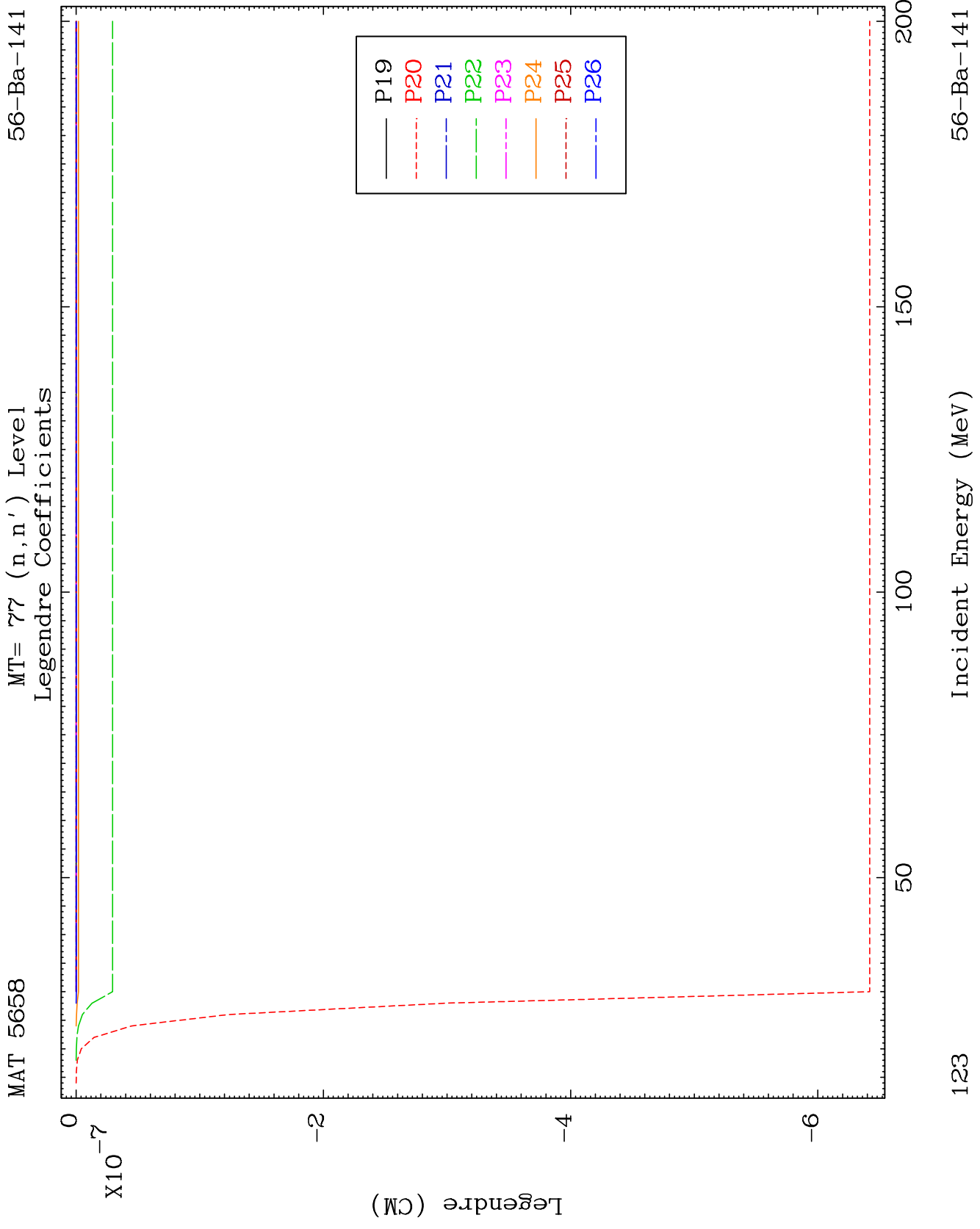
MT= 77 (n,n') Level  
Legendre Coefficients

56-Ba-141



122

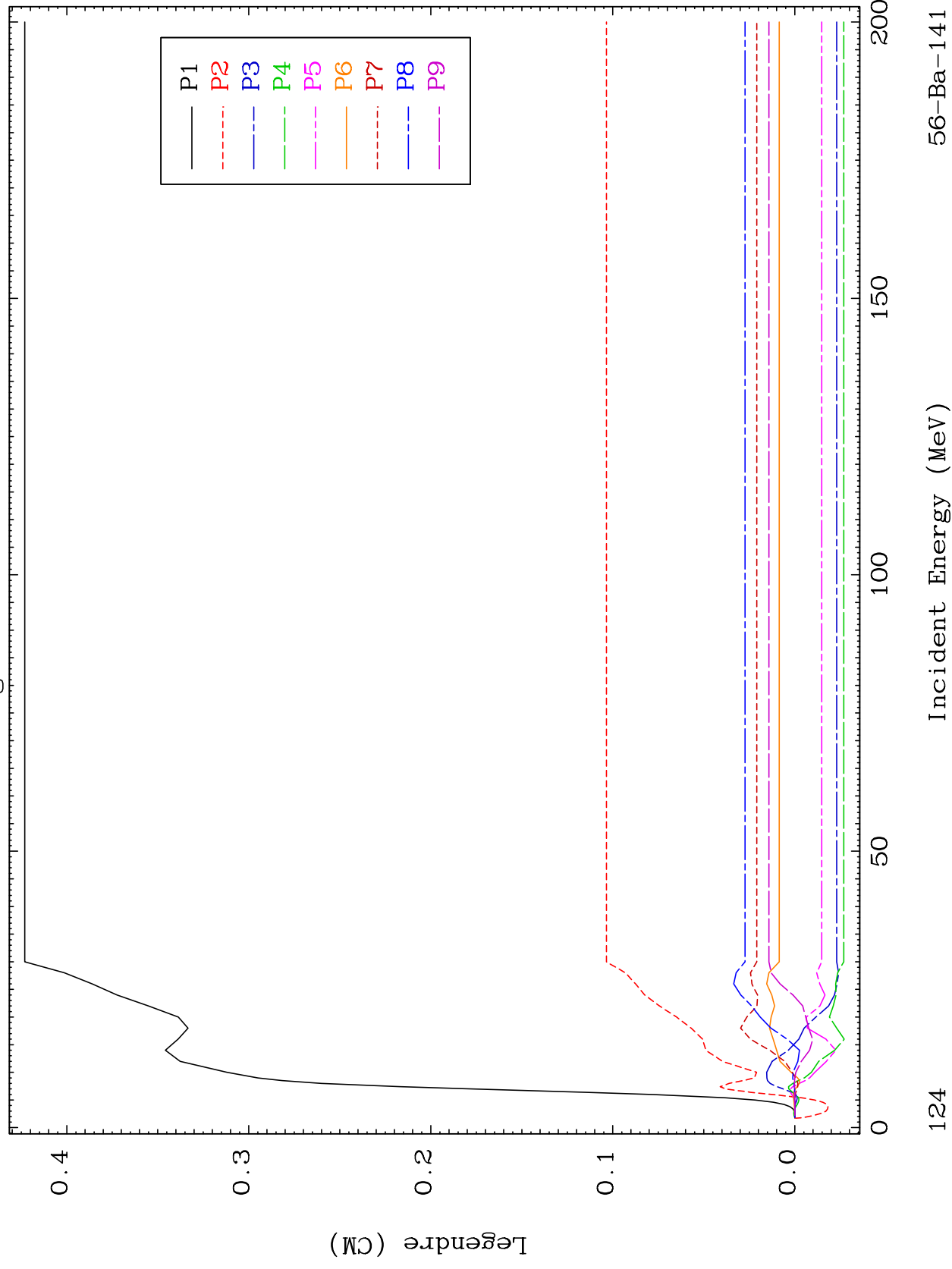
56-Ba-141



MAT 5658

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

56-Ba-141

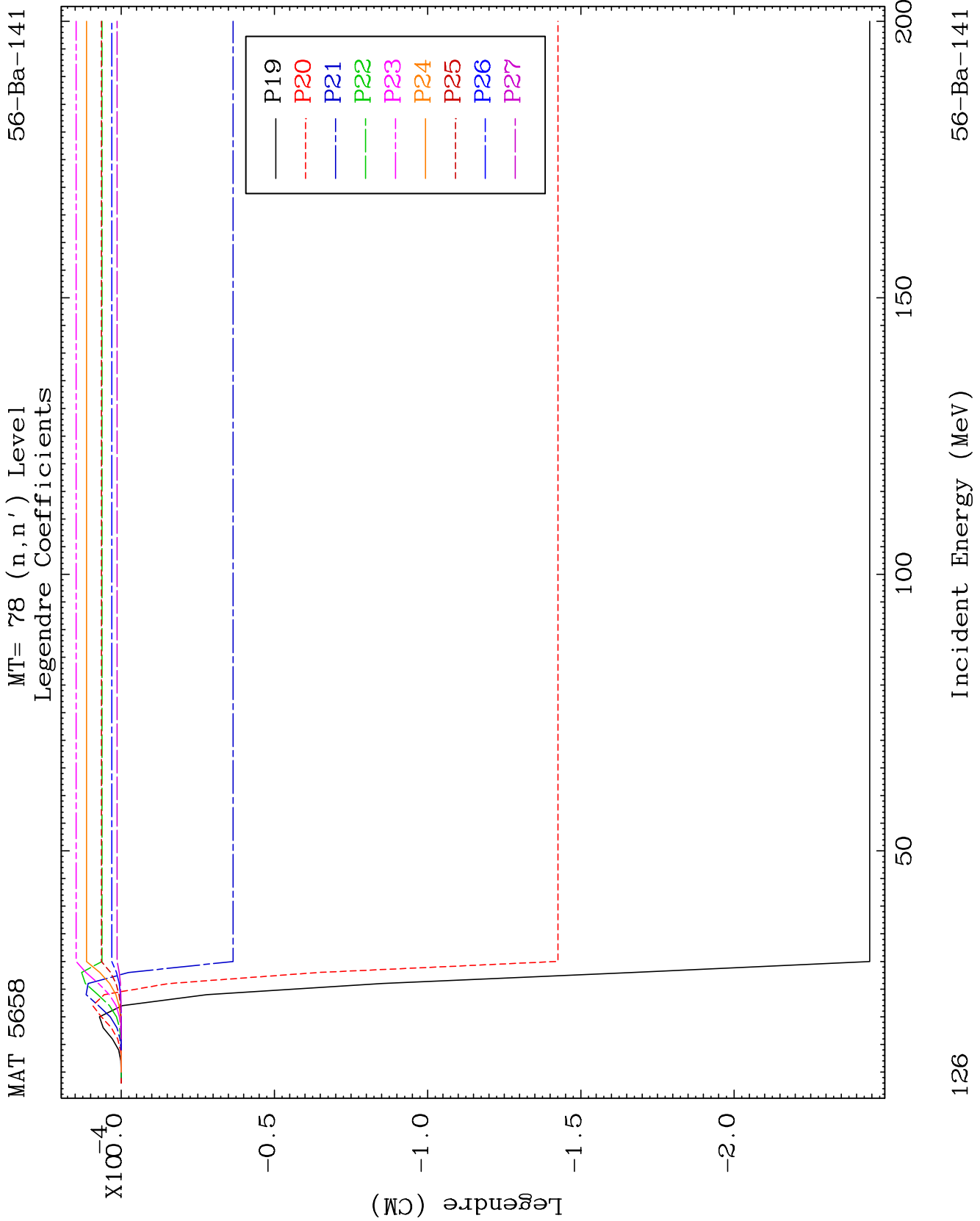


56-Ba-141

Incident Energy (MeV)

124

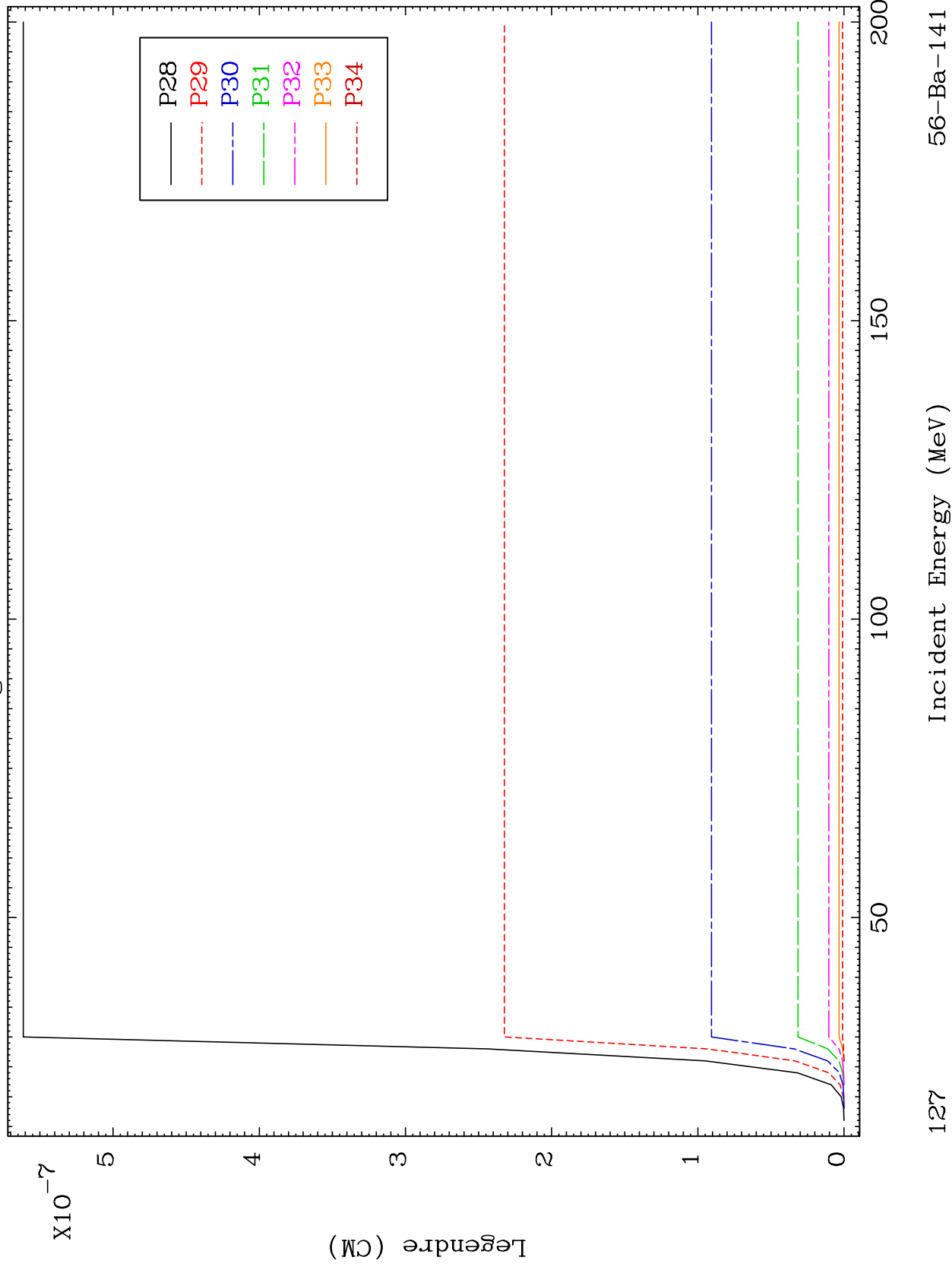




MAT 5658

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

56-Ba-141



127

Incident Energy (MeV)

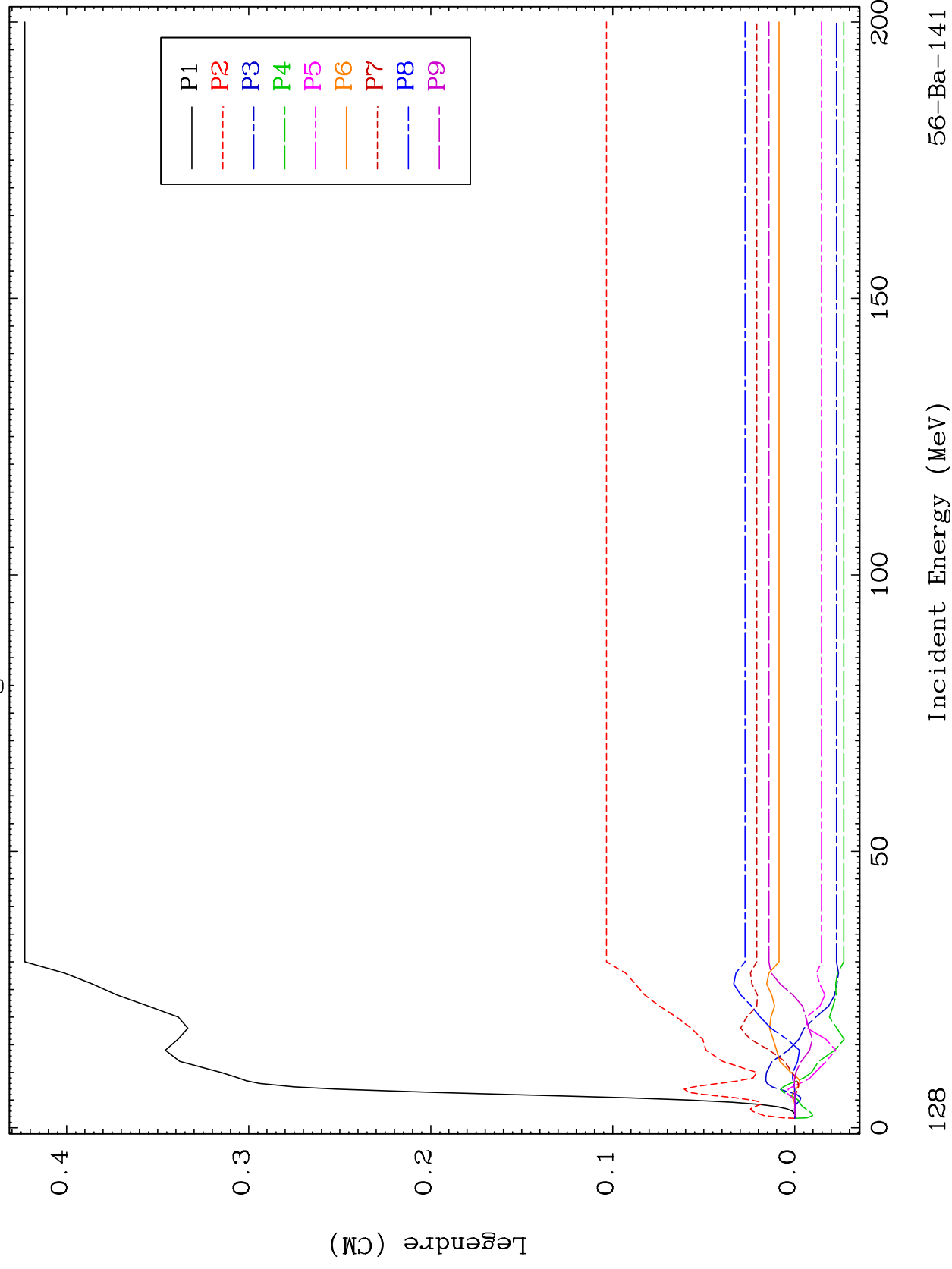
56-Ba-141



MAT 5658

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

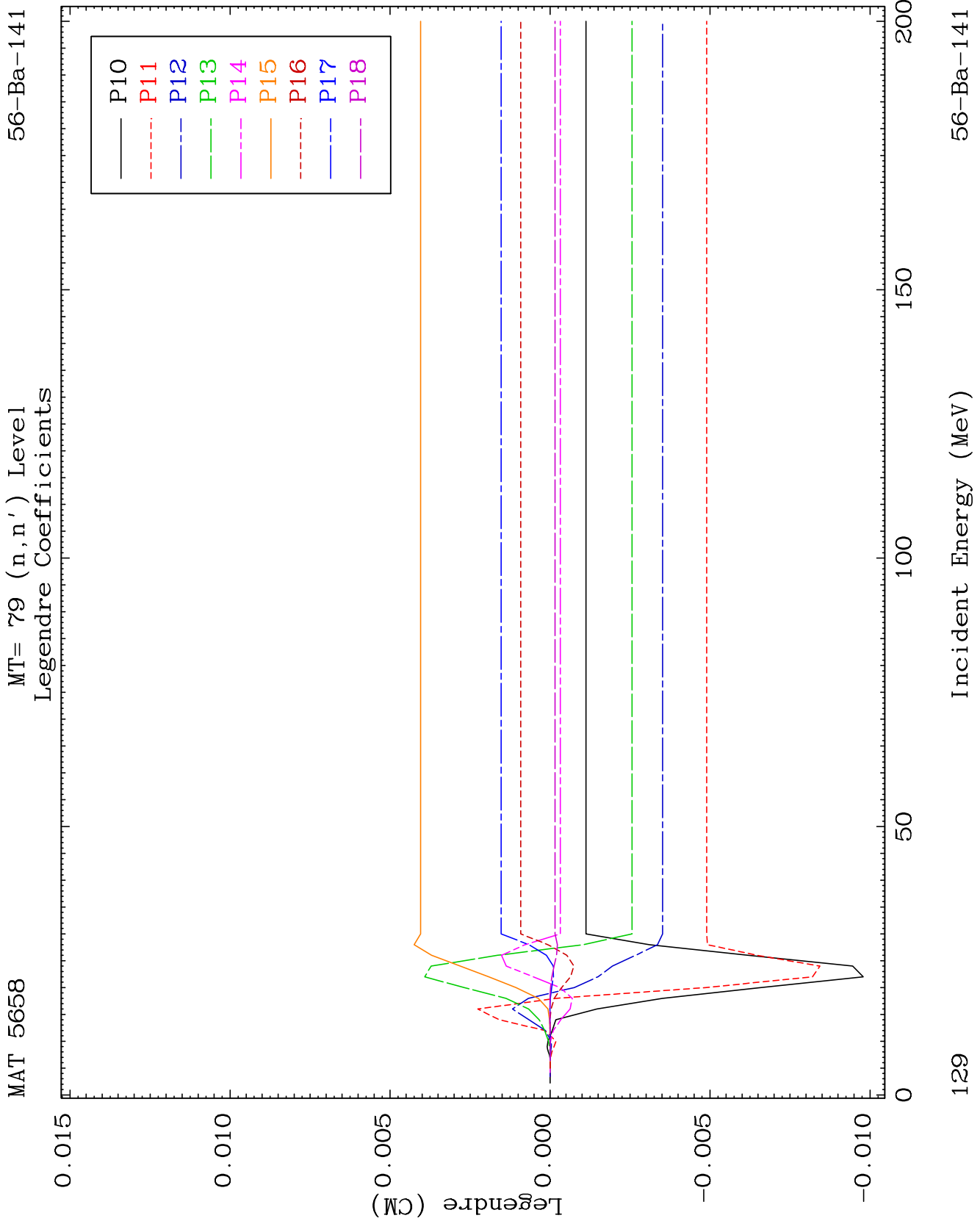
56-Ba-141

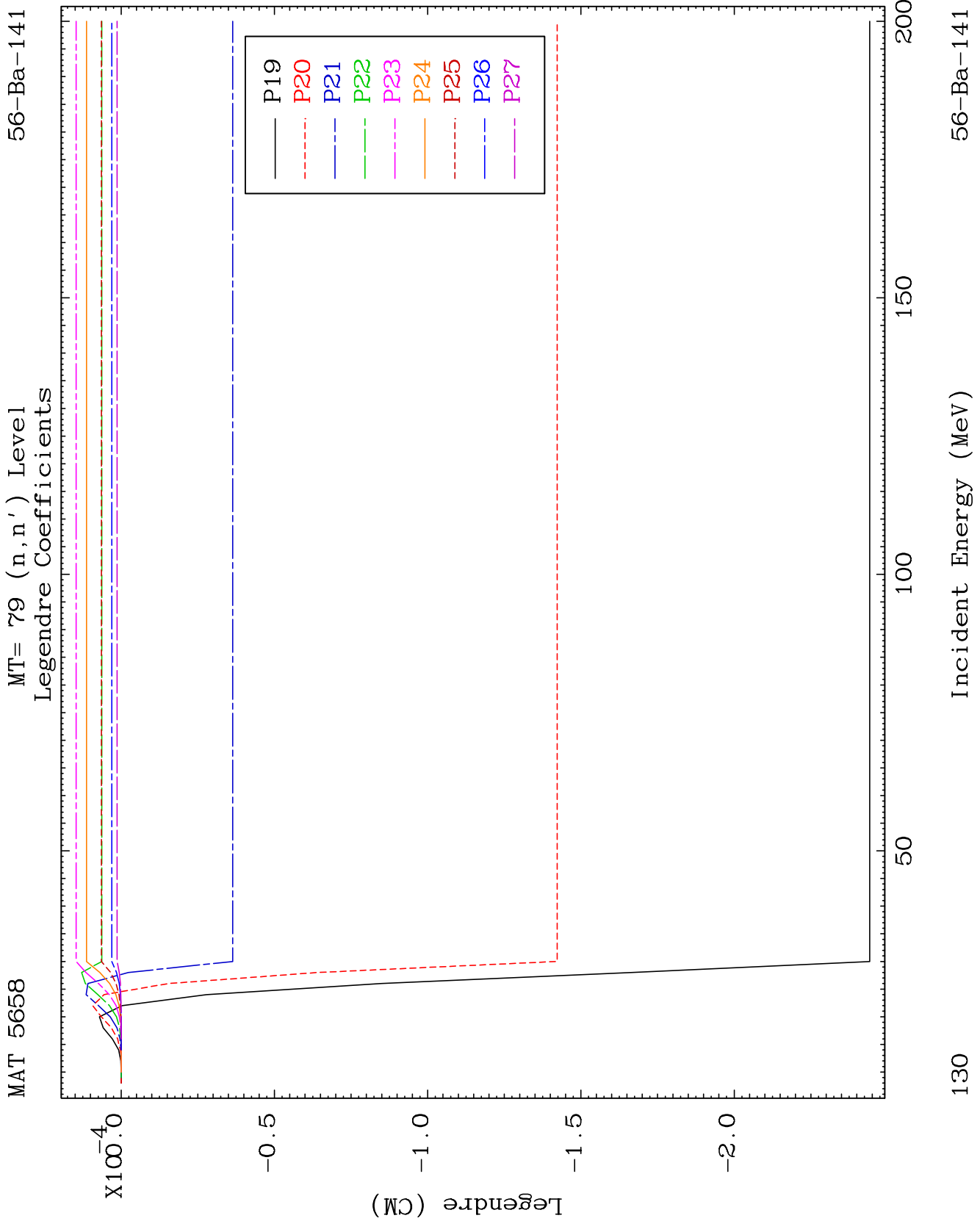


56-Ba-141

Incident Energy (MeV)

128

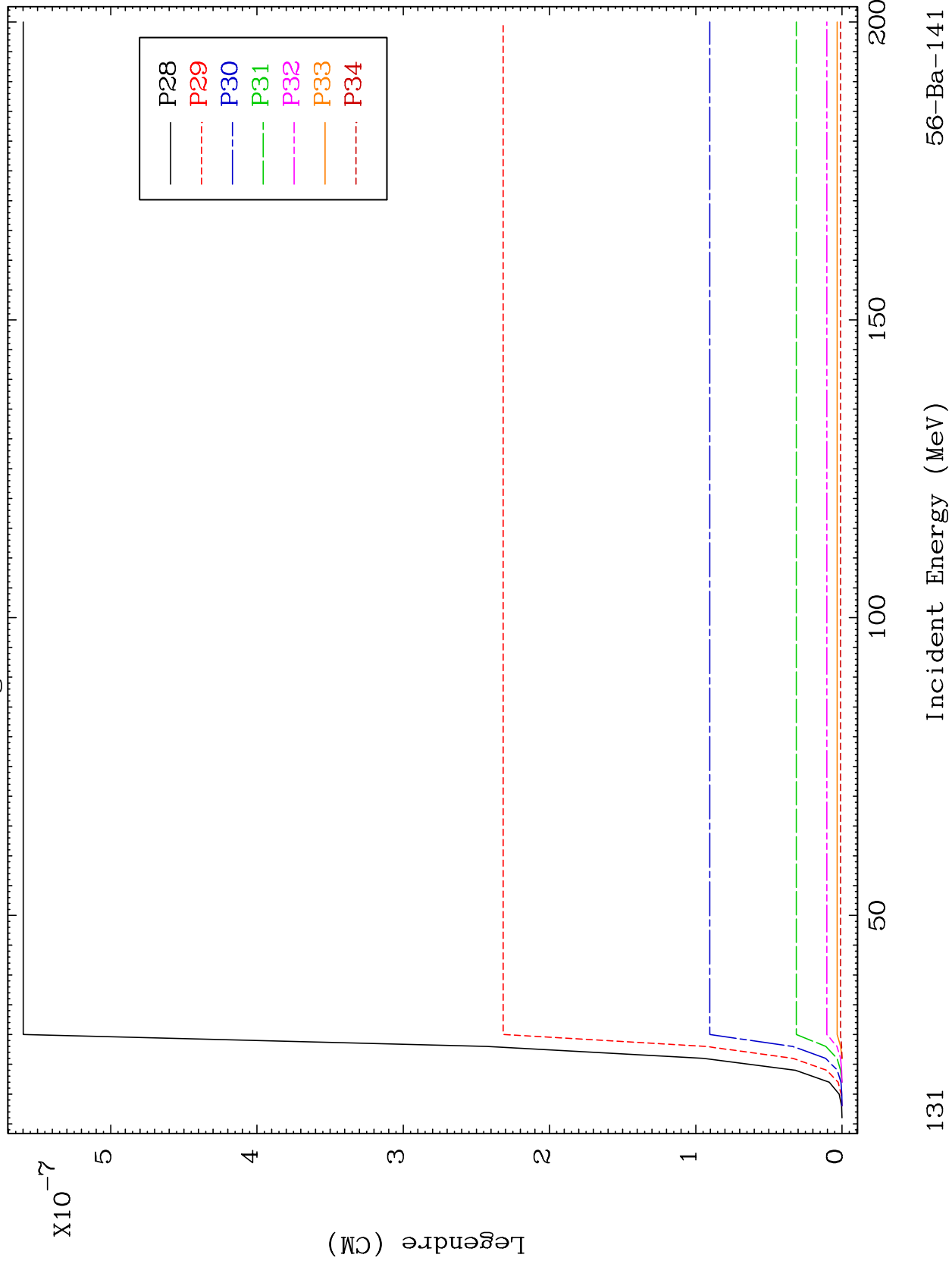




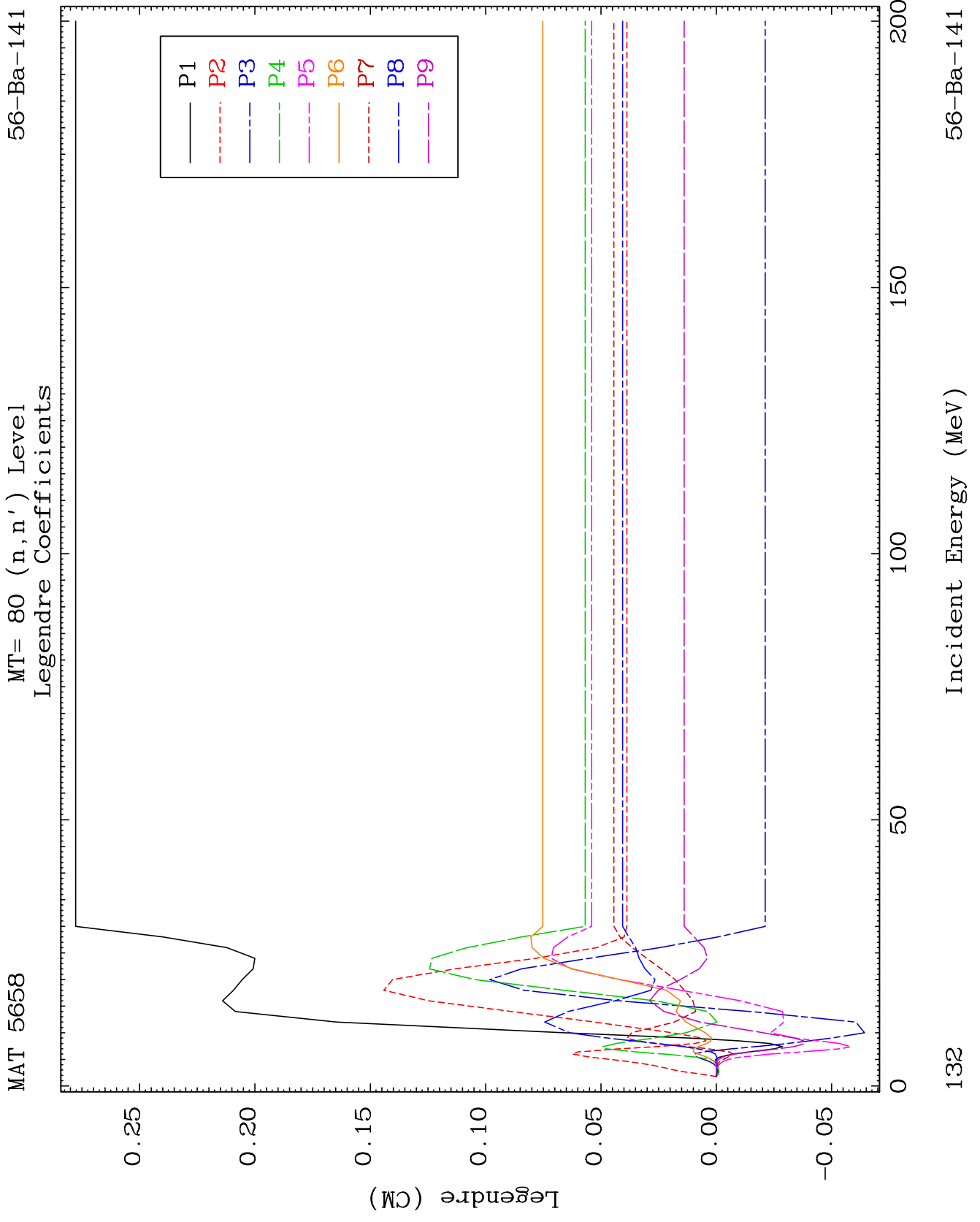
MAT 5658

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

56-Ba-141



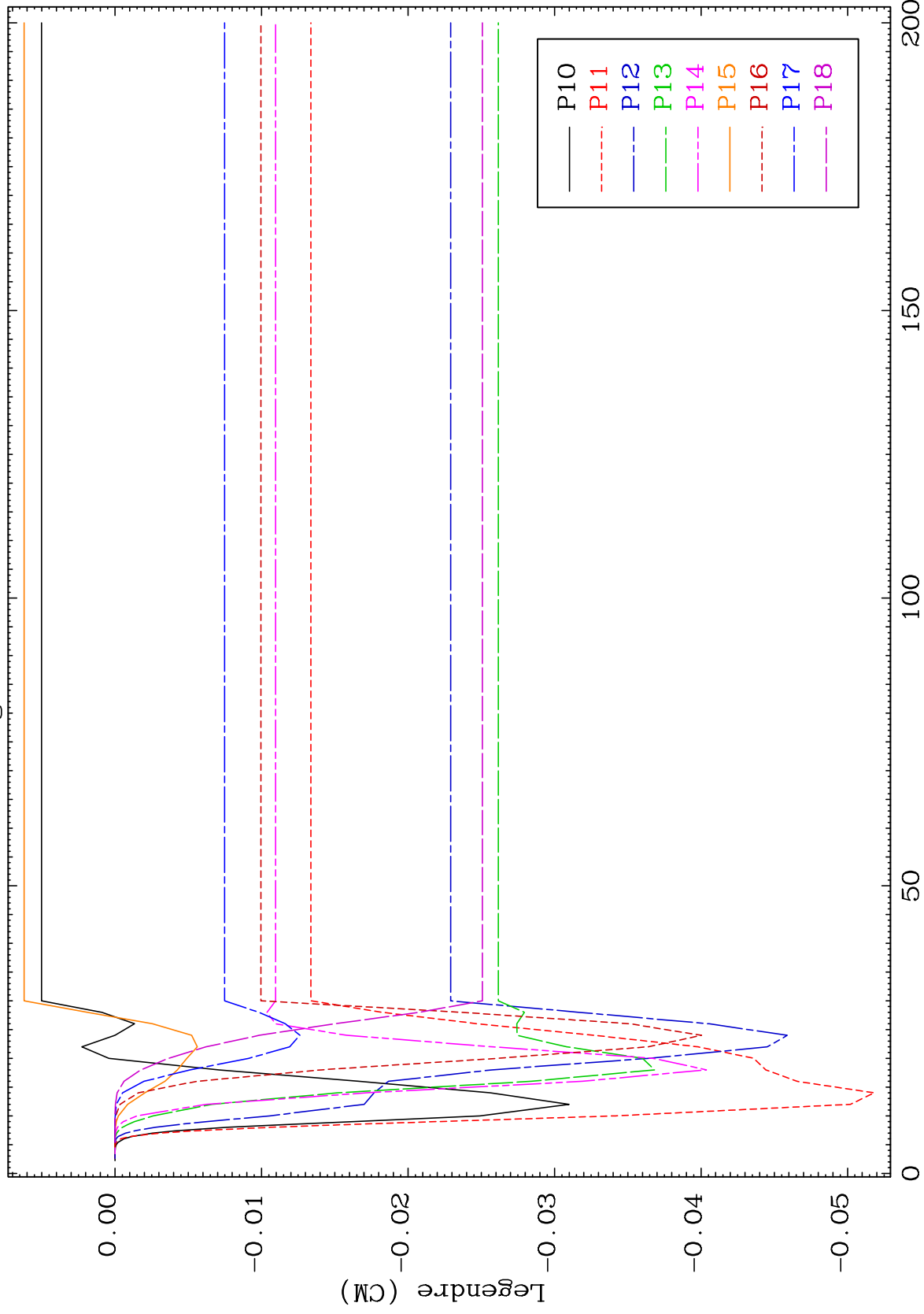
131



MAT 5658

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

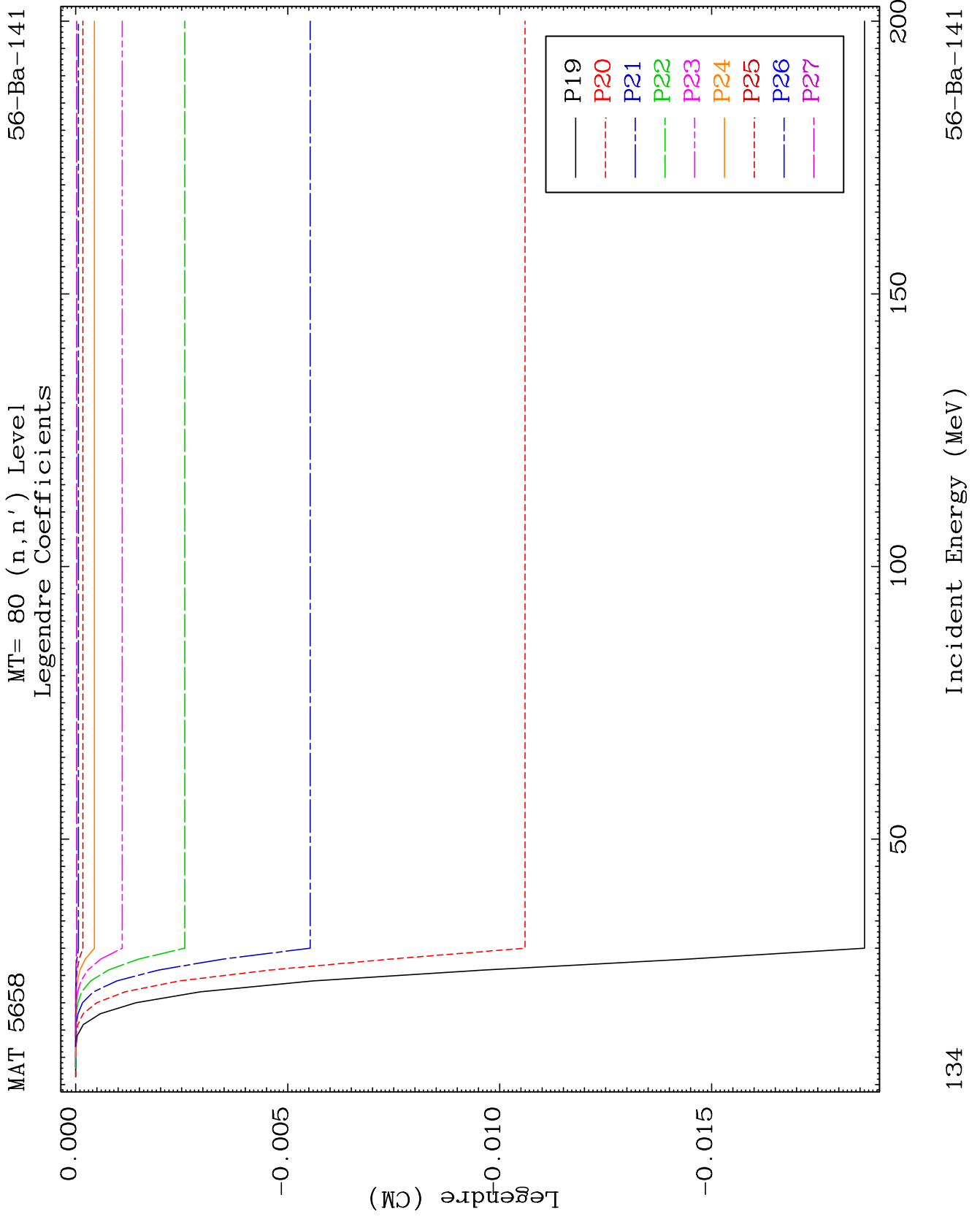
56-Ba-141

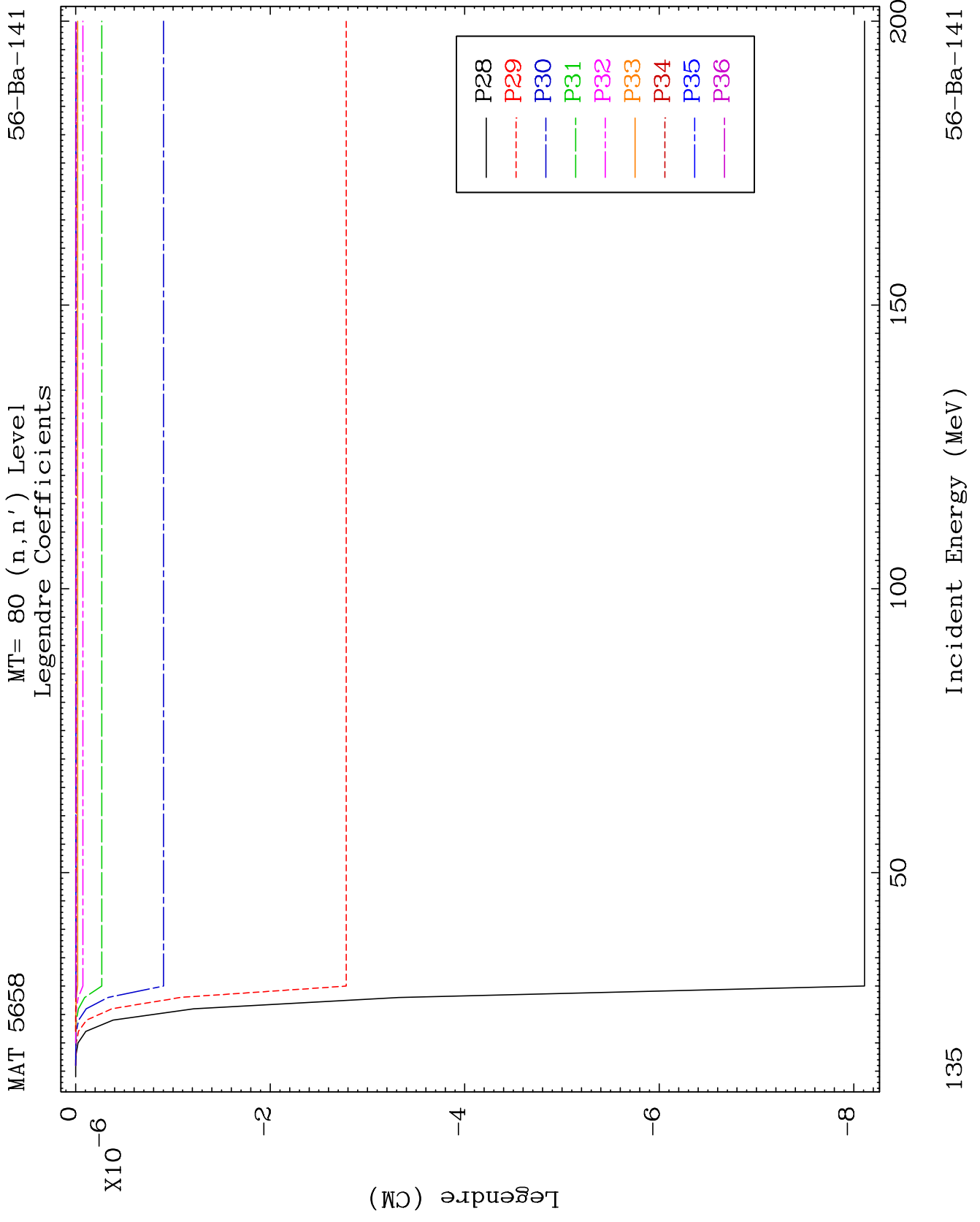


133

Incident Energy (MeV)

56-Ba-141





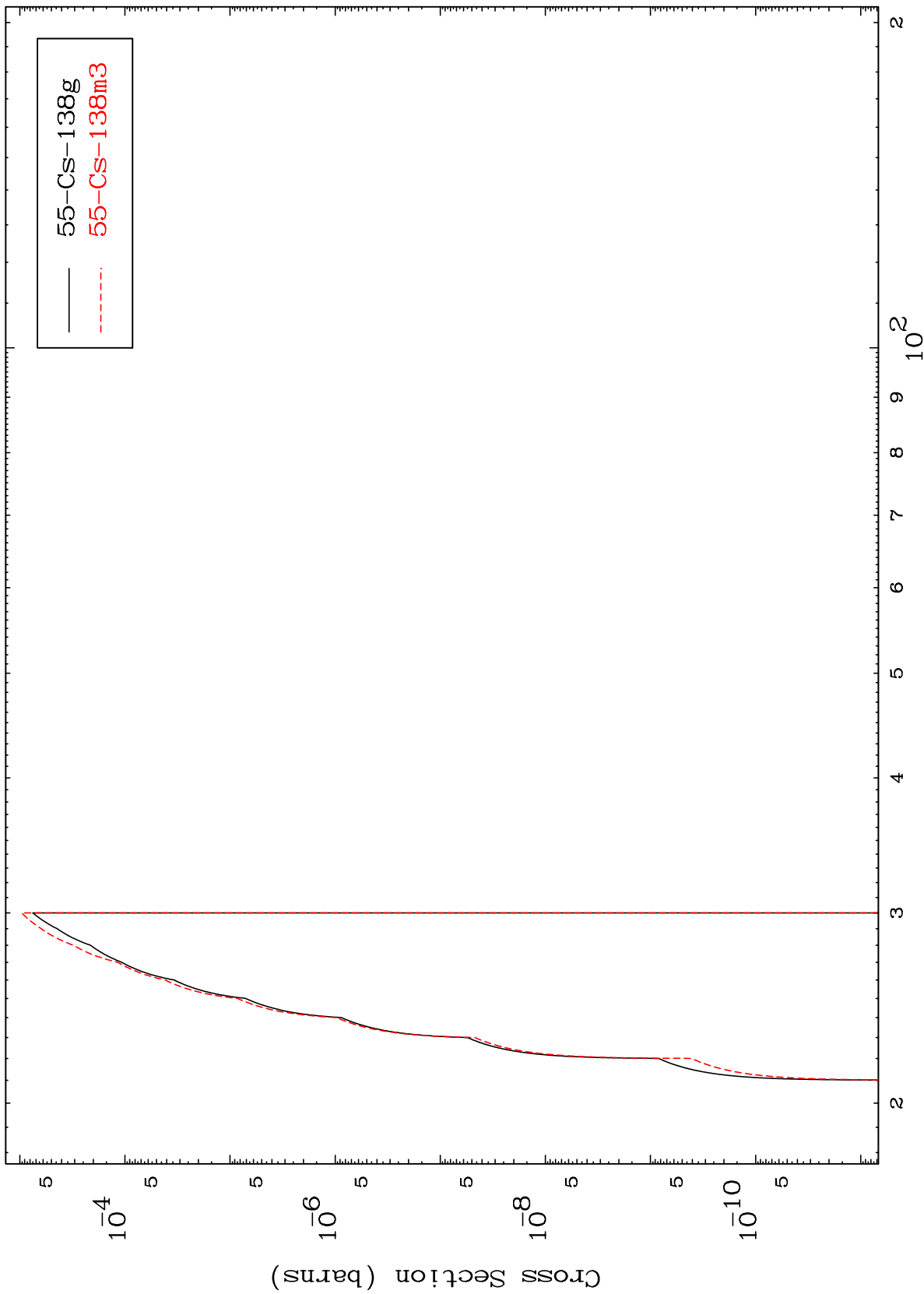


MAT 5658

(n,2n) d

56-Ba-141

Radionuclide Production Cross Section



136

Incident Energy (MeV)

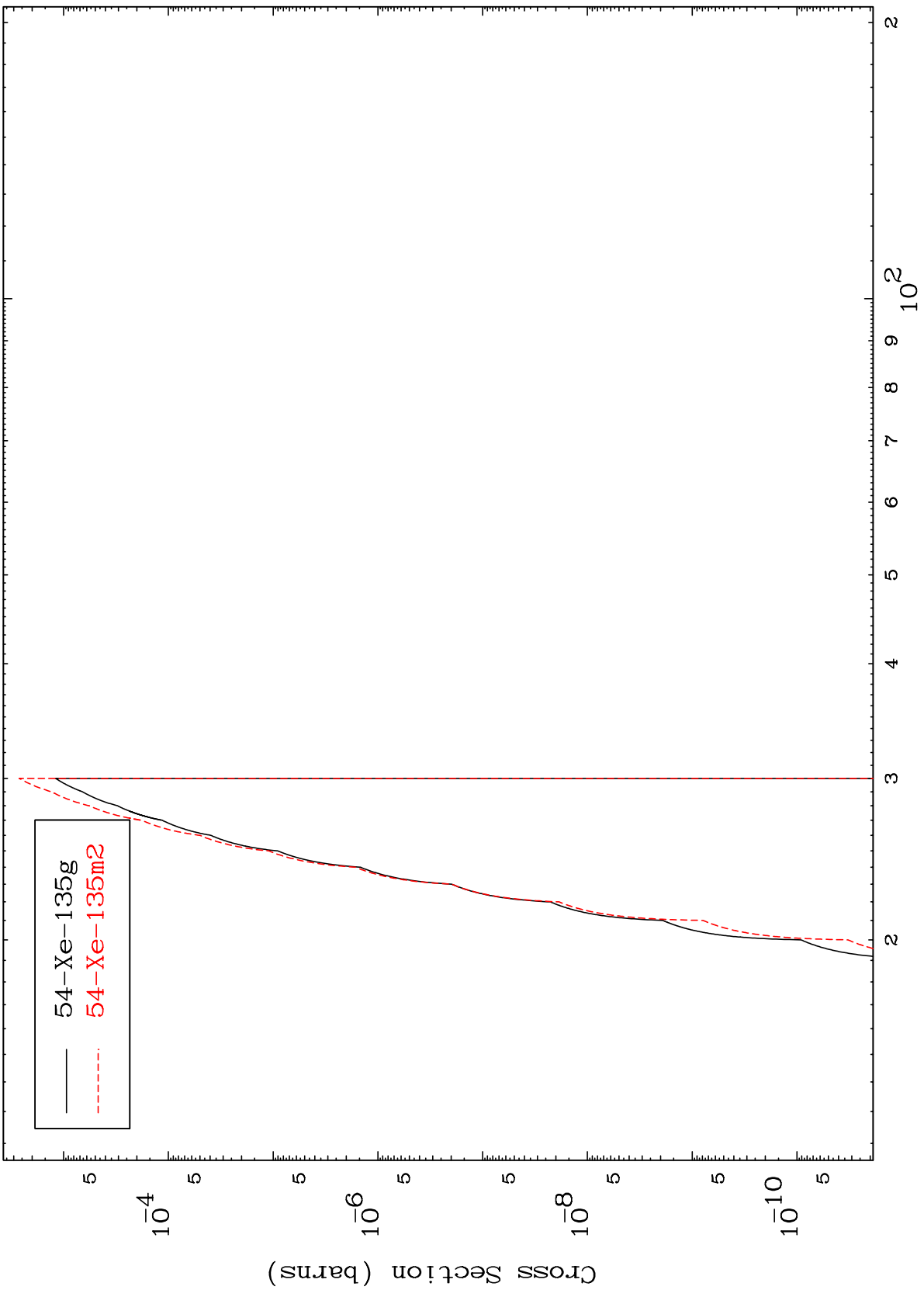
56-Ba-141

MAT 5658

(n,3n)  $\alpha$

56-Ba-141

Radionuclide Production Cross Section



137

Incident Energy (MeV)

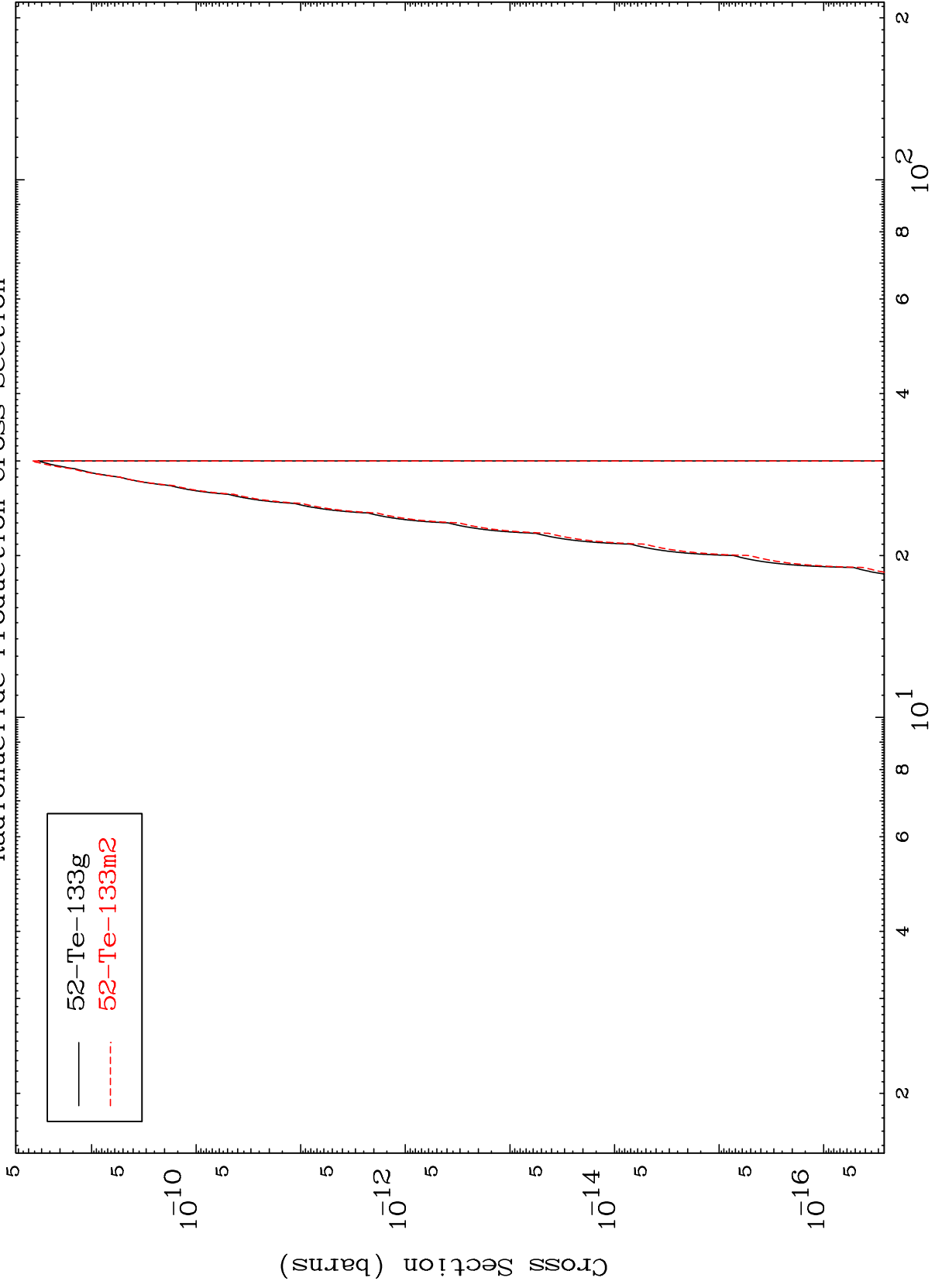
56-Ba-141

MAT 5658

(n,n') 2 $\alpha$

56-Ba-141

Radionuclide Production Cross Section



52-Te-133g  
52-Te-133m2

138

Incident Energy (MeV)

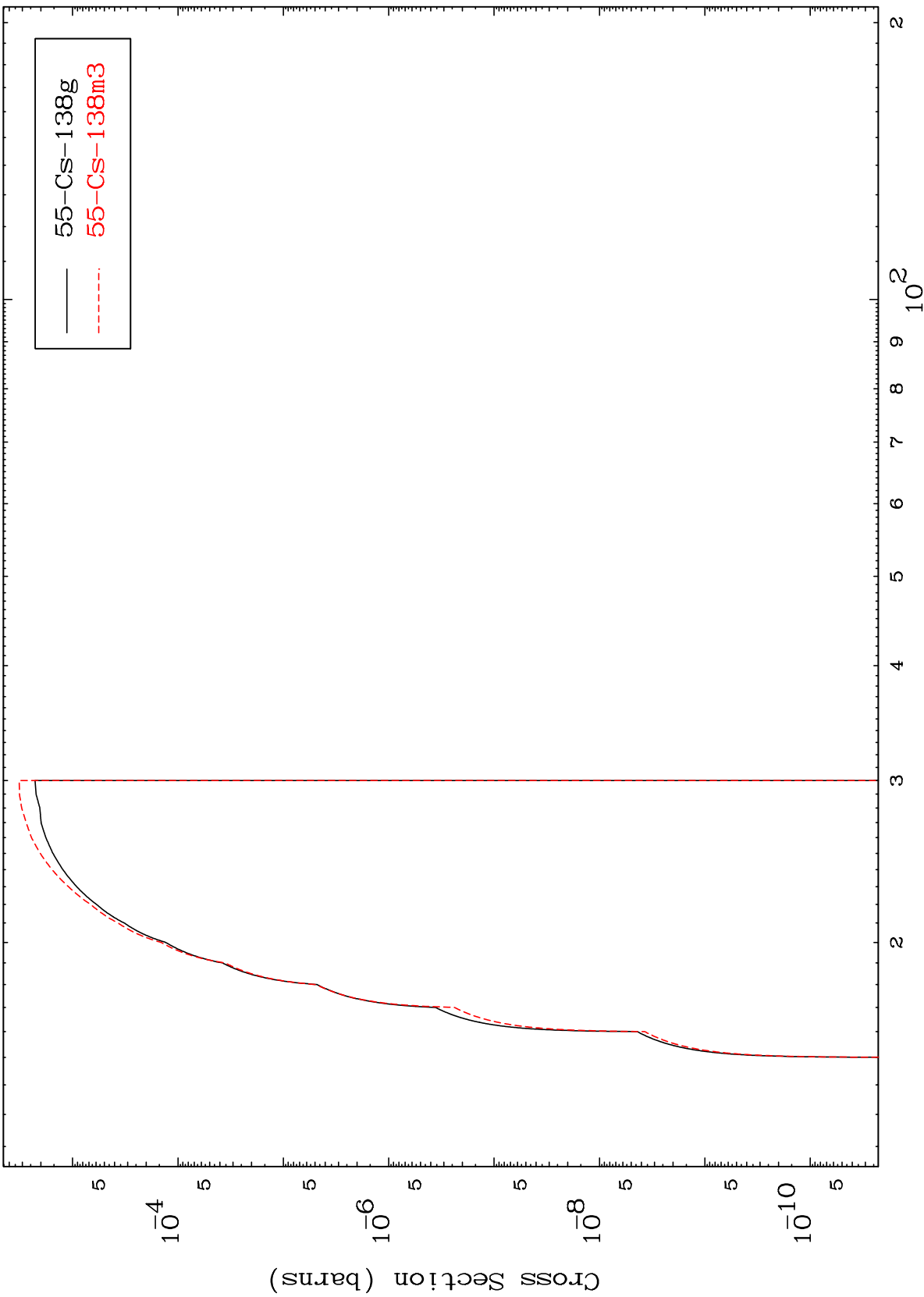
56-Ba-141

MAT 5658

(n,n') t

56-Ba-141

Radionuclide Production Cross Section



139

Incident Energy (MeV)

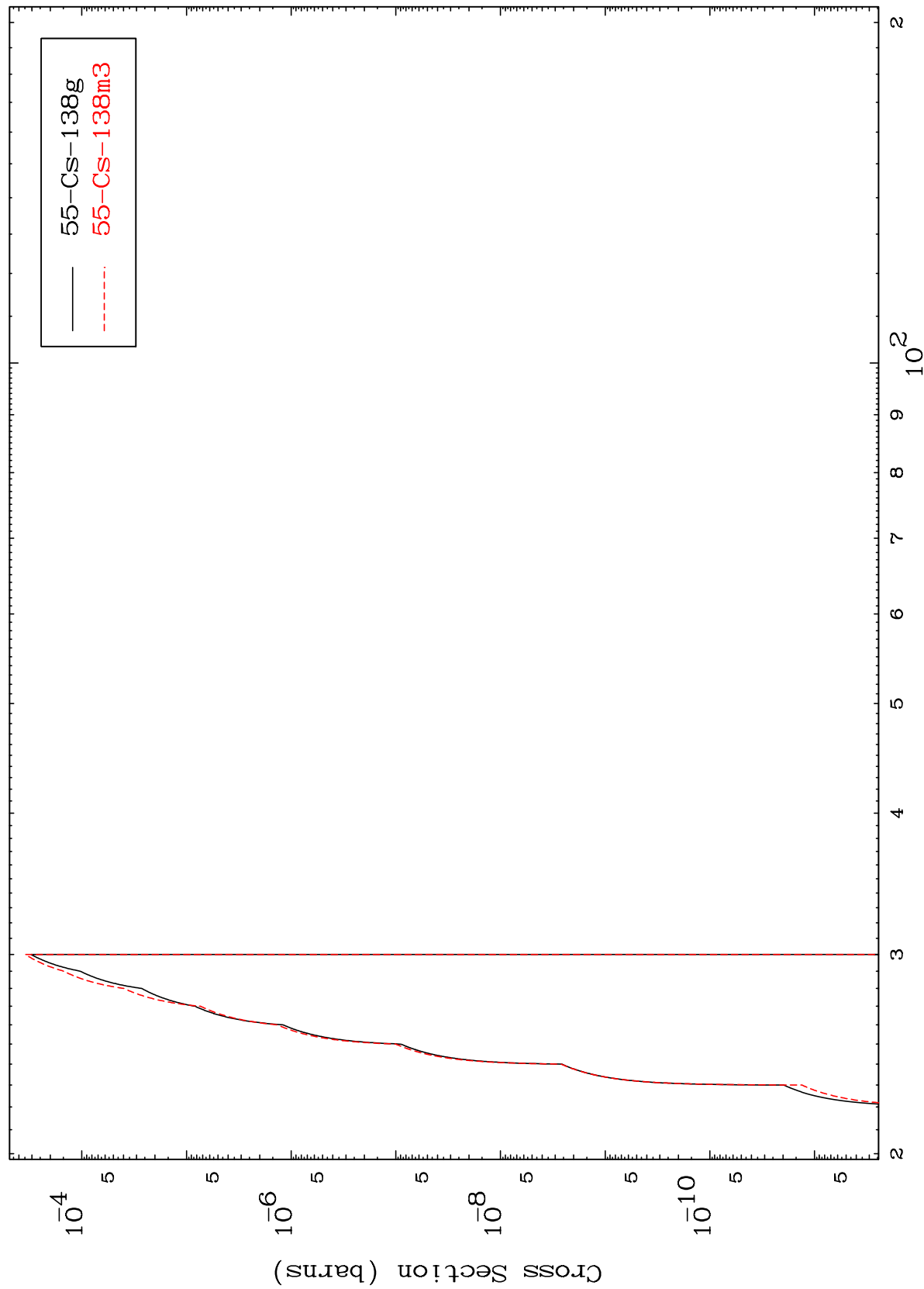
56-Ba-141

MAT 5658

(n,3n) p

56-Ba-141

Radionuclide Production Cross Section



140

Incident Energy (MeV)

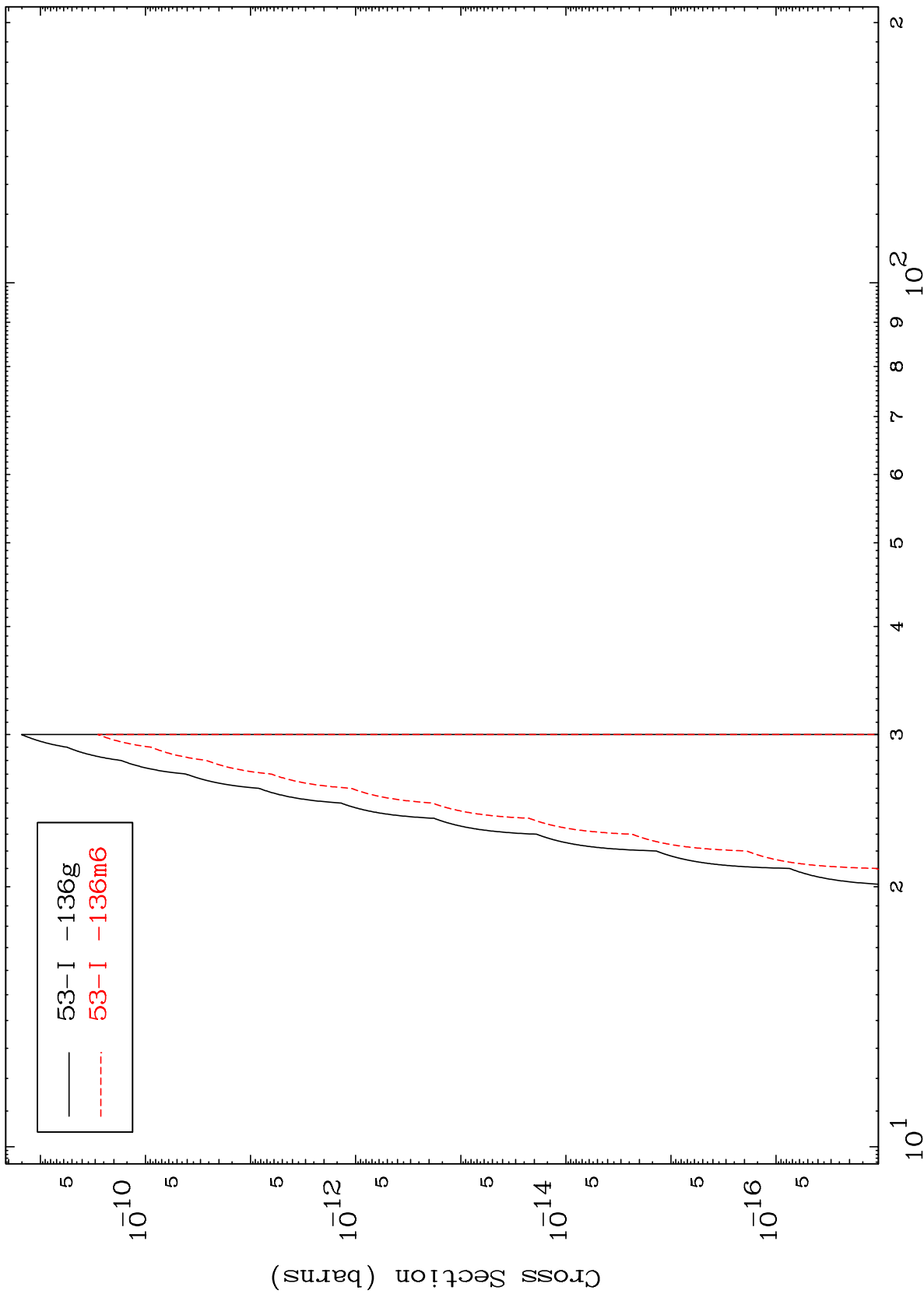
56-Ba-141

MAT 5658

(n,n') p  $\alpha$

56-Ba-141

Radionuclide Production Cross Section



141

Incident Energy (MeV)

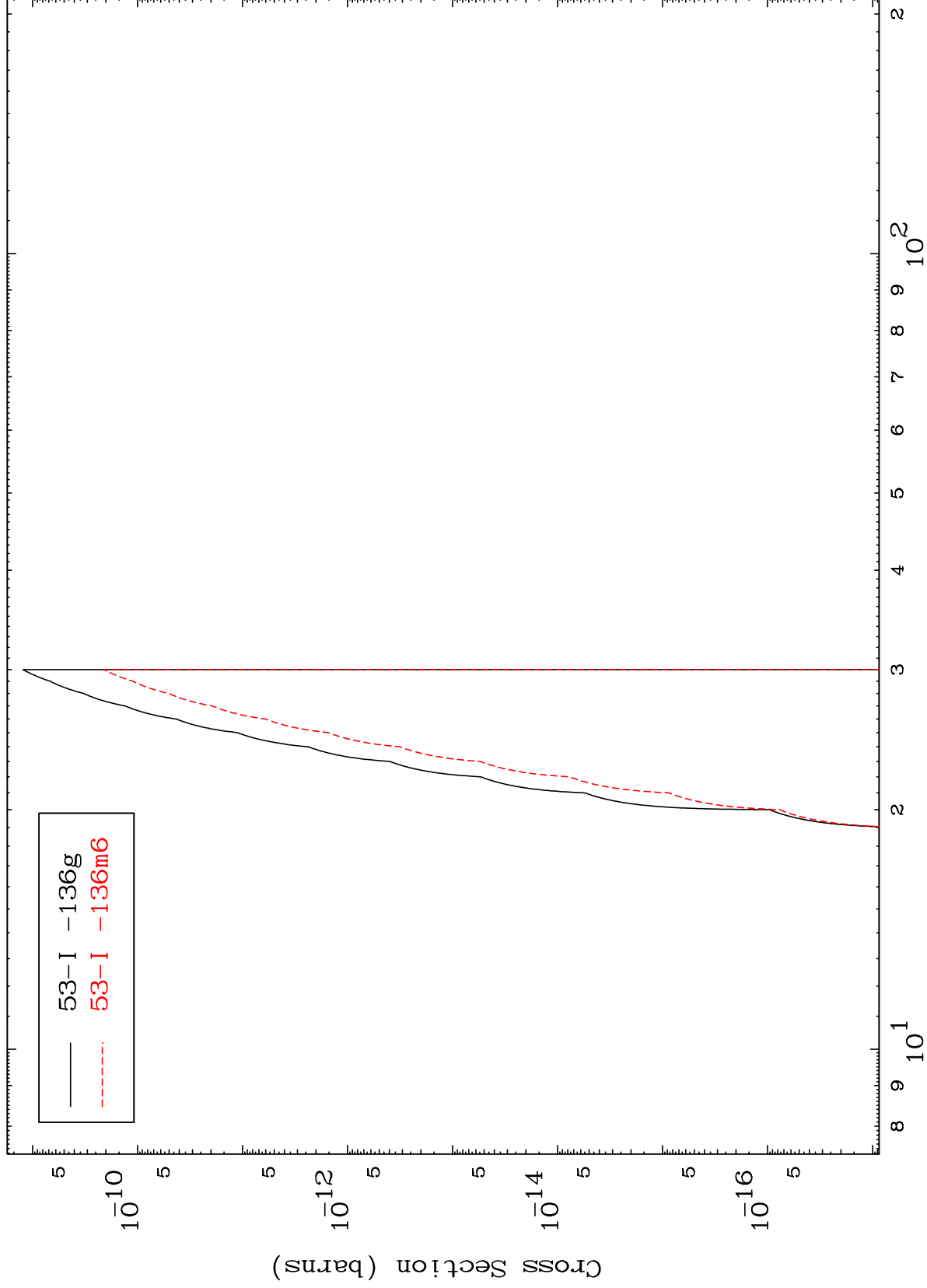
56-Ba-141

MAT 5658

(n,d)  $\alpha$

56-Ba-141

Radionuclide Production Cross Section



142

Incident Energy (MeV)

56-Ba-141