

Program EVALPLOT  
(Version 2017-1)

by

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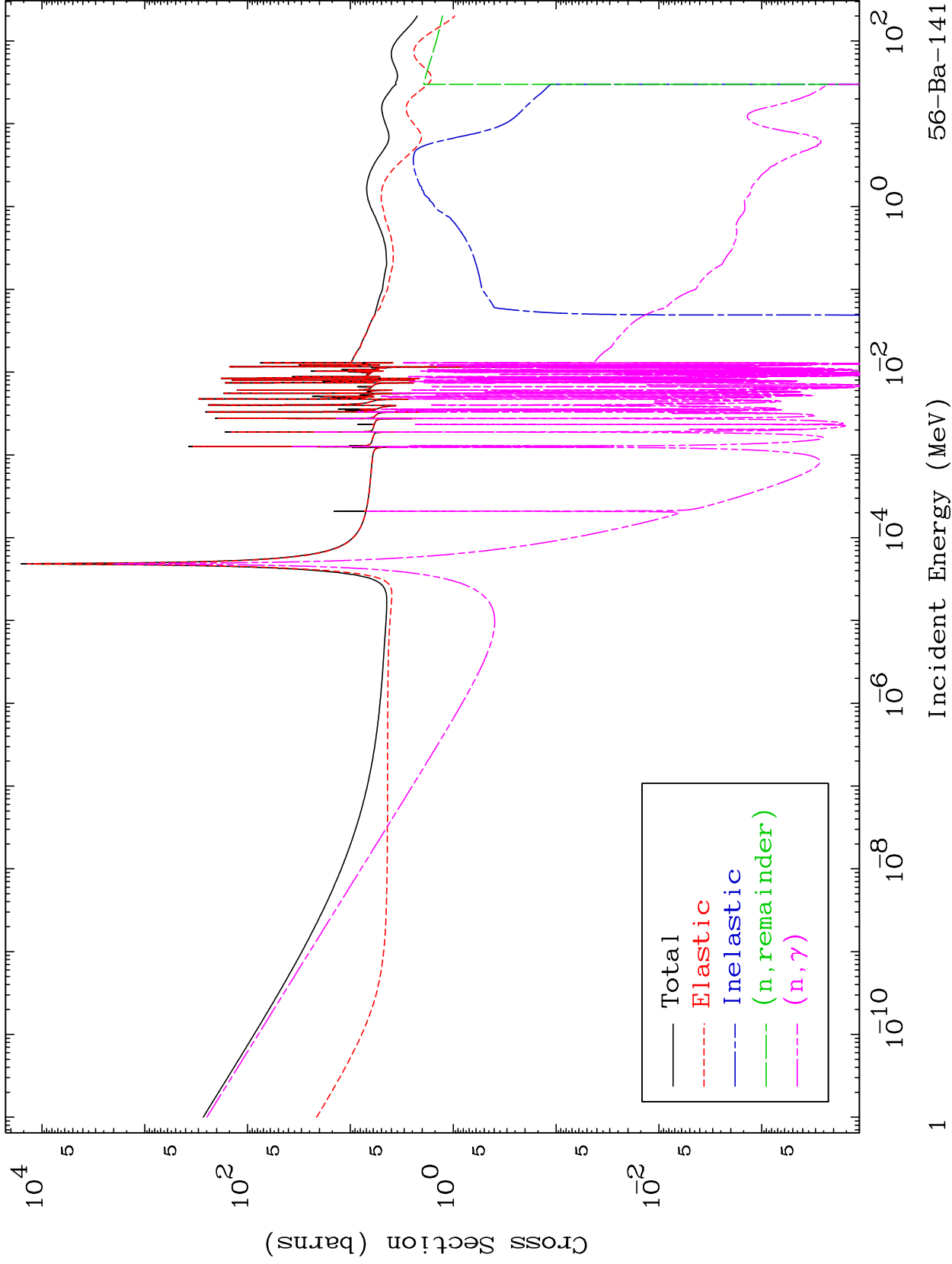
Press Mouse Button to Start

MAT 5658

Major

293 Kelvin Cross Sections

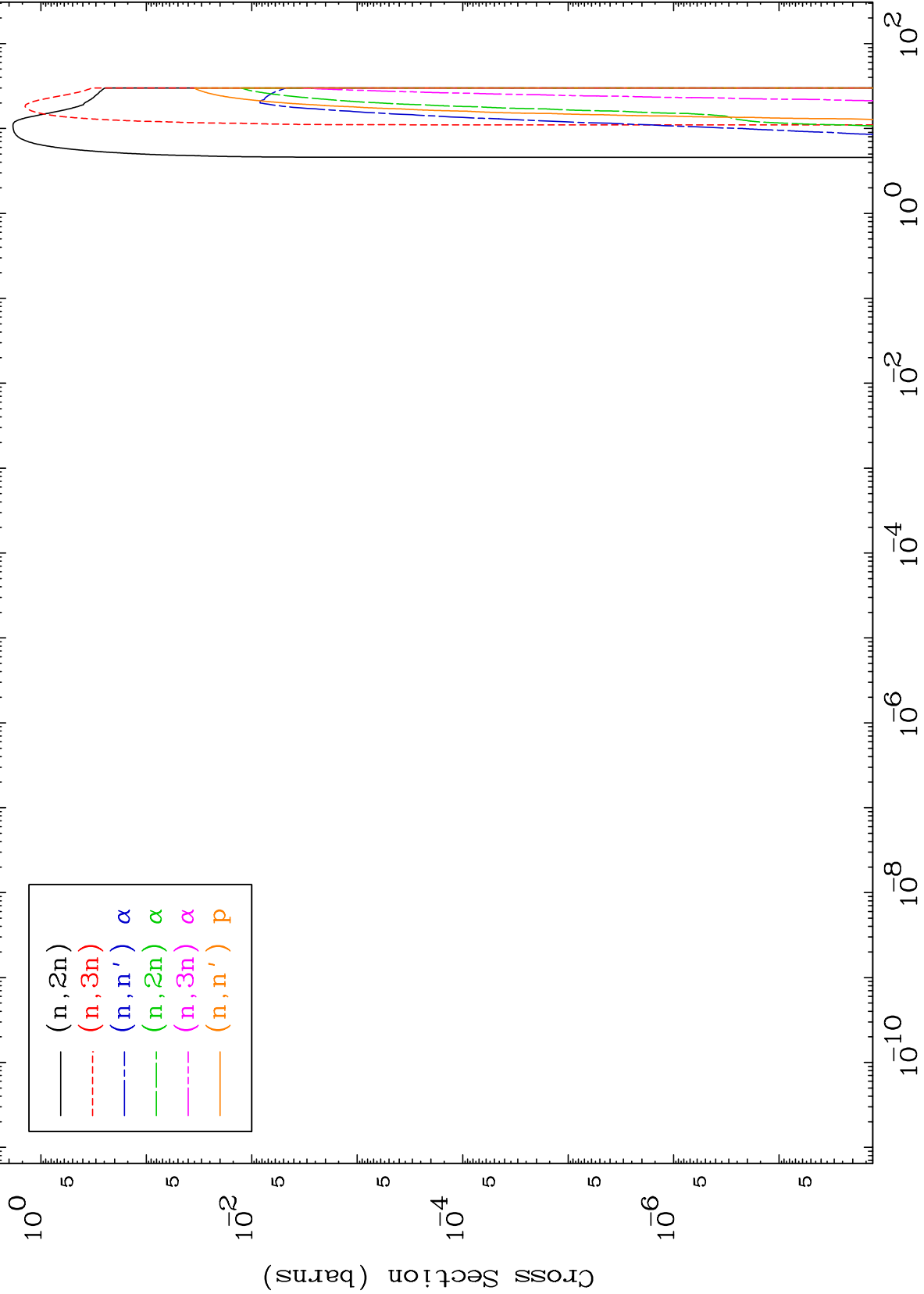
56-Ba-141



MAT 5658

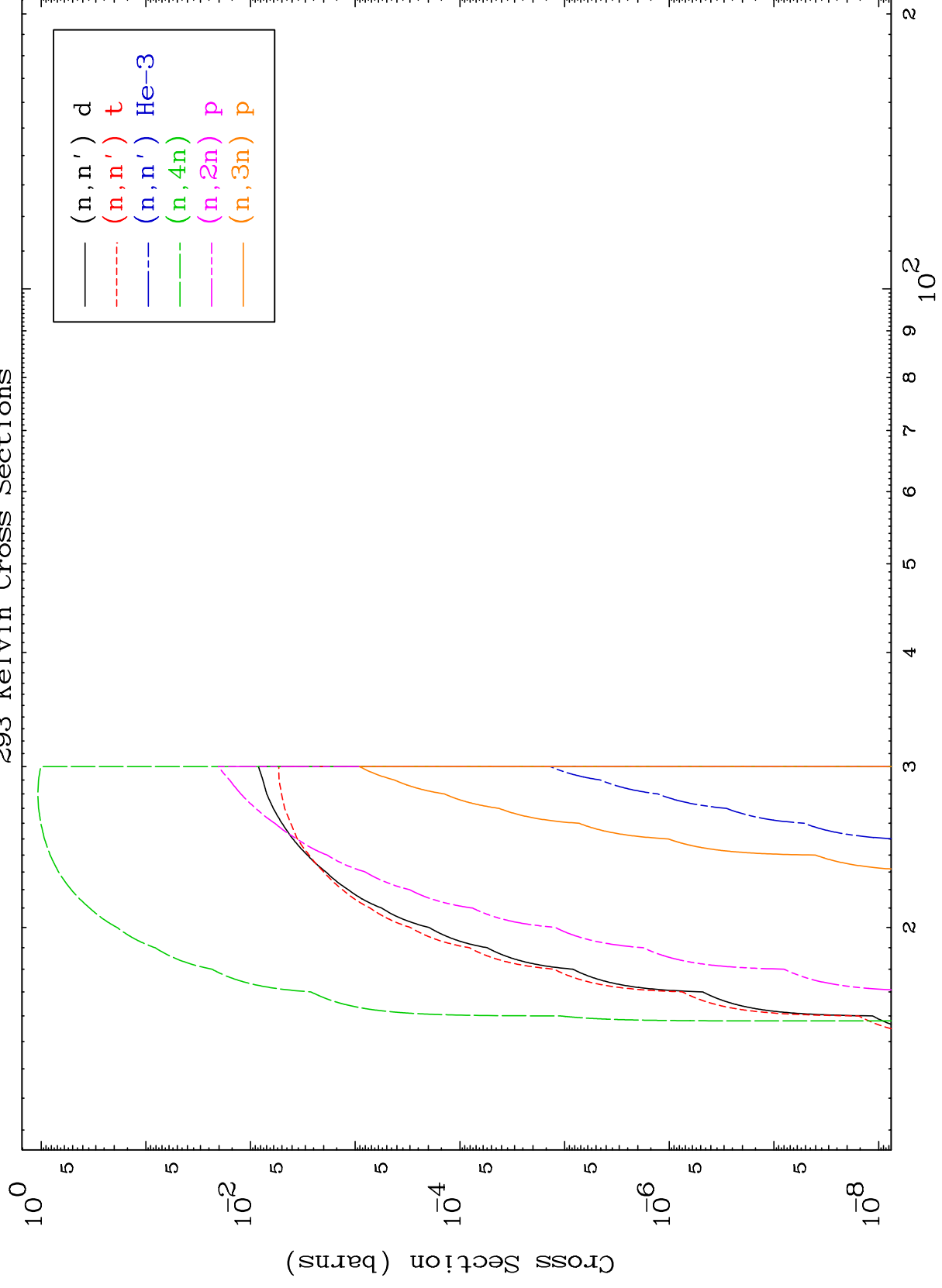
Neutron Production  
293 Kelvin Cross Sections

56-Ba-141



56-Ba-141

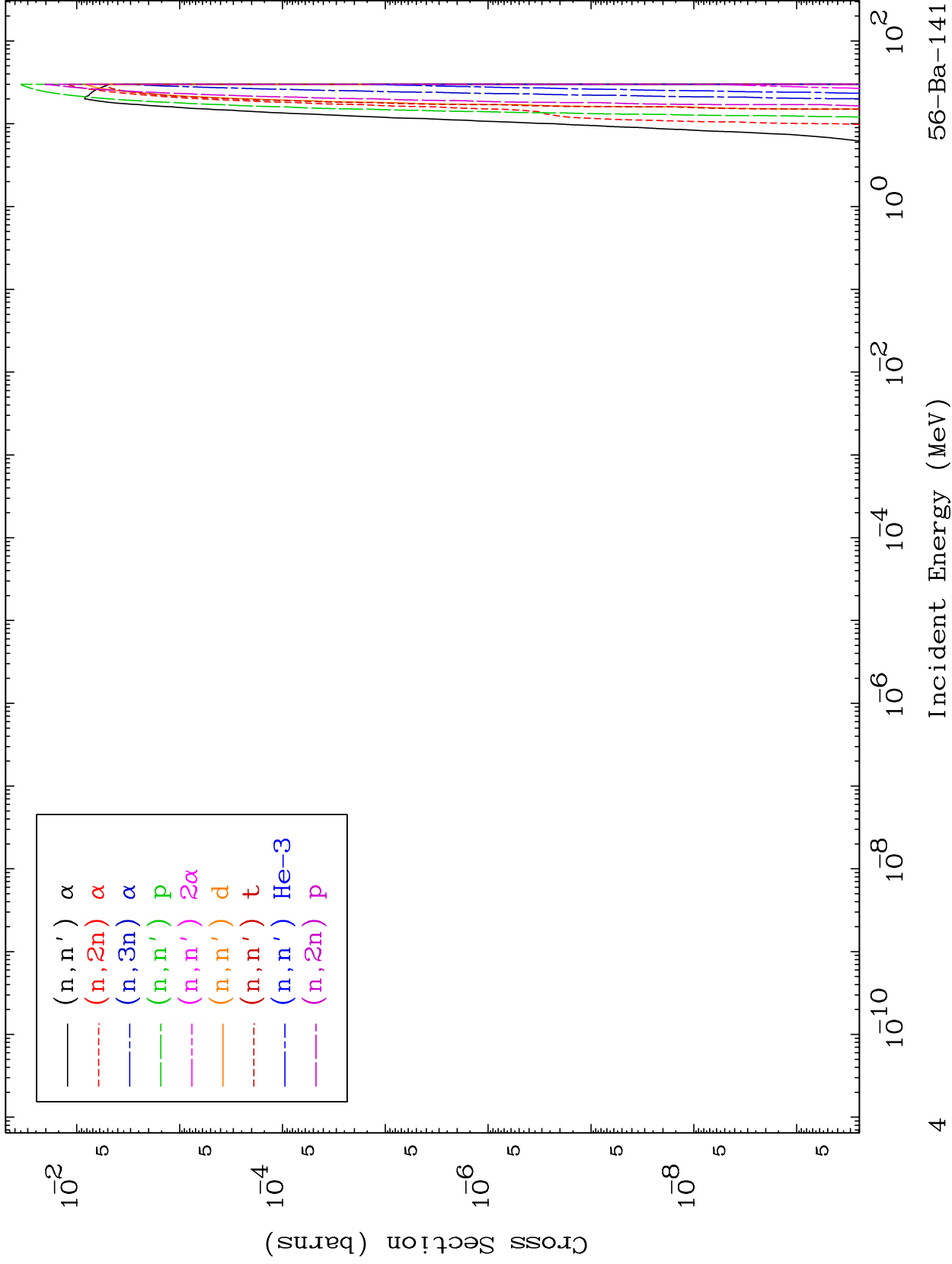
Incident Energy (MeV)



MAT 5658

Charged Particle  
293 Kelvin Cross Sections

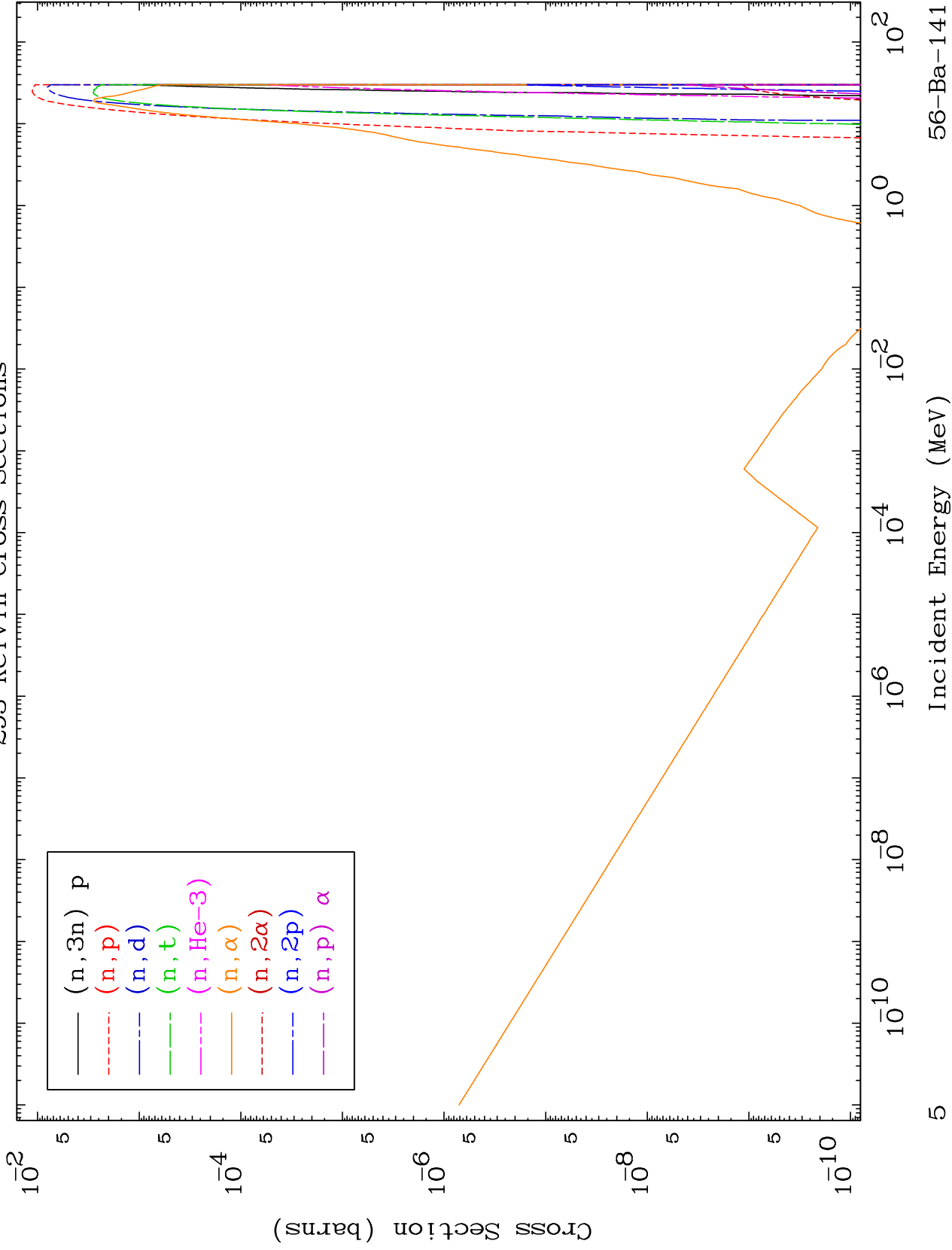
56-Ba-141



MAT 5658

Charged Particle  
293 Kelvin Cross Sections

56-Ba-141



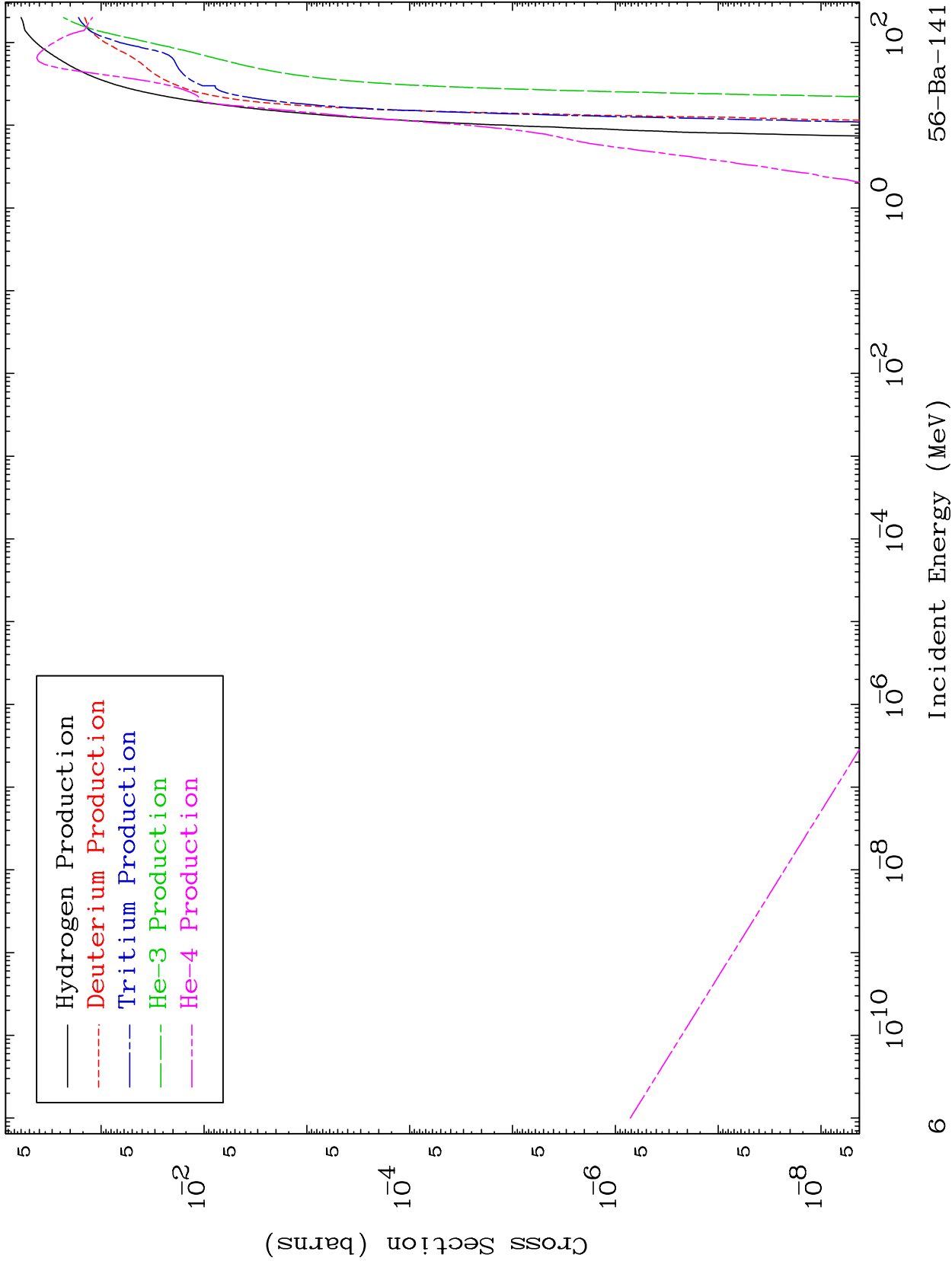
5

56-Ba-141

MAT 5658

Particle Production  
293 Kelvin Cross Sections

56-Ba-141

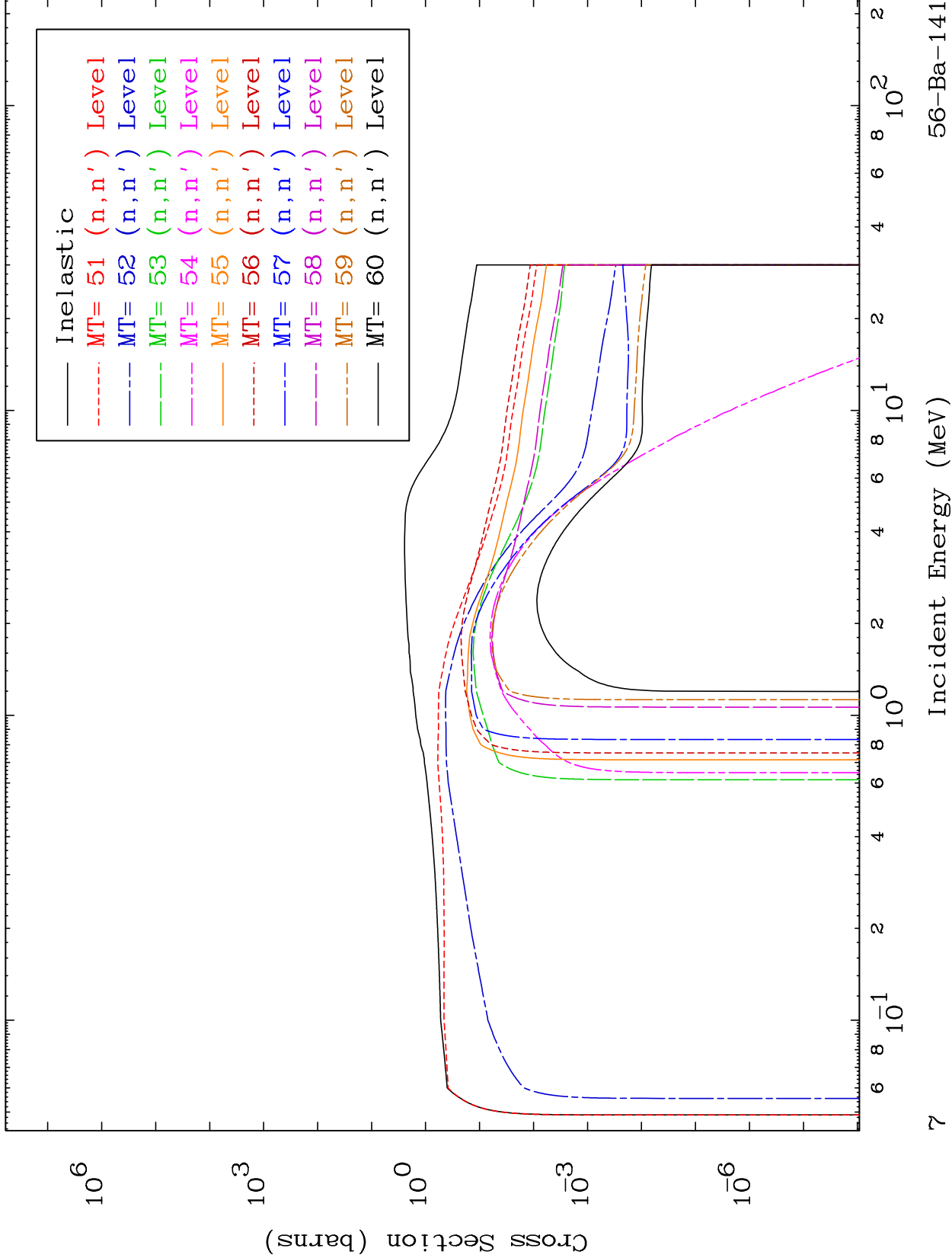


MAT 5658

(n,n') Level

56-Ba-141

293 Kelvin Cross Sections

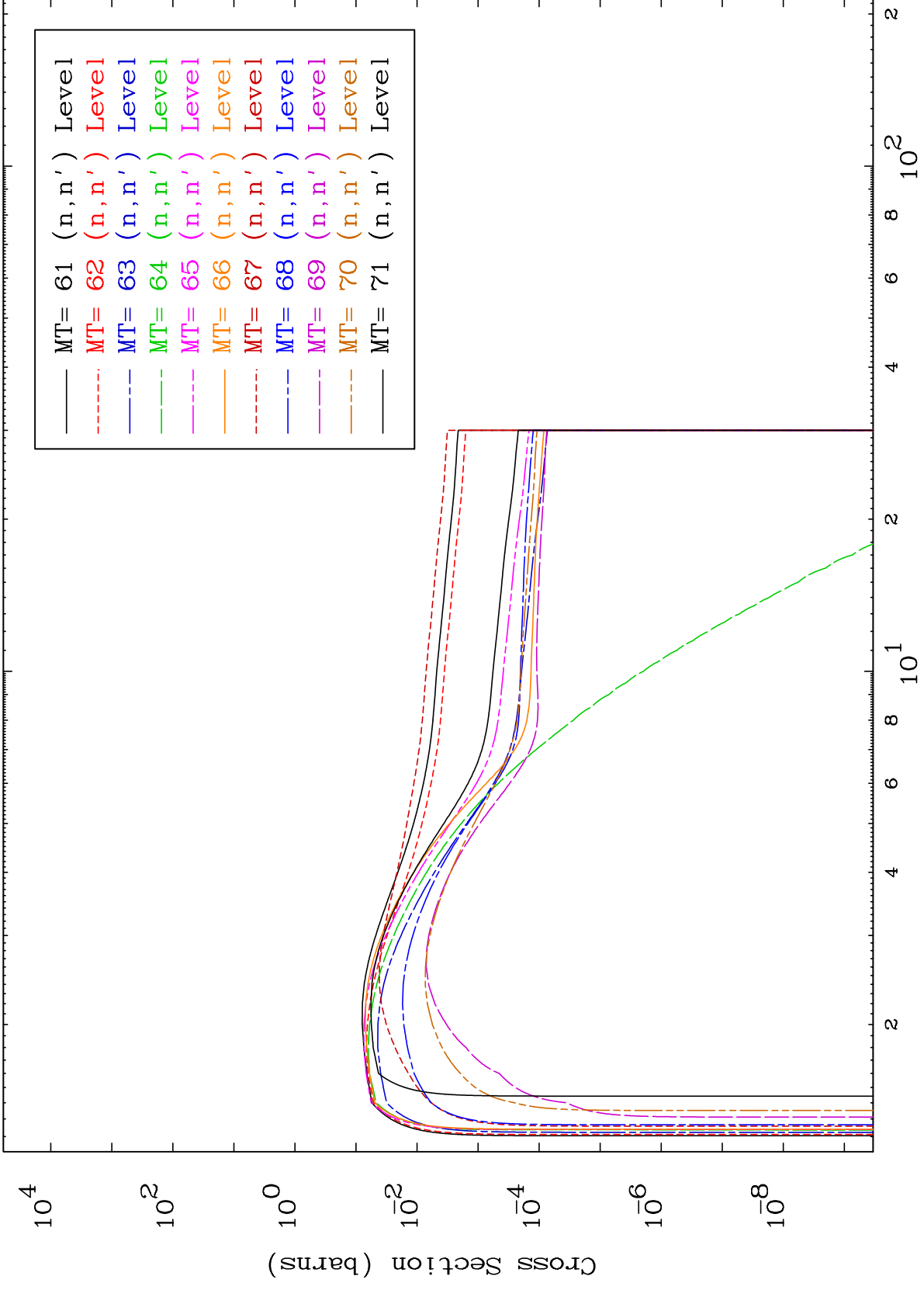


MAT 5658

(n,n') Level

56-Ba-141

293 Kelvin Cross Sections



8

Incident Energy (MeV)

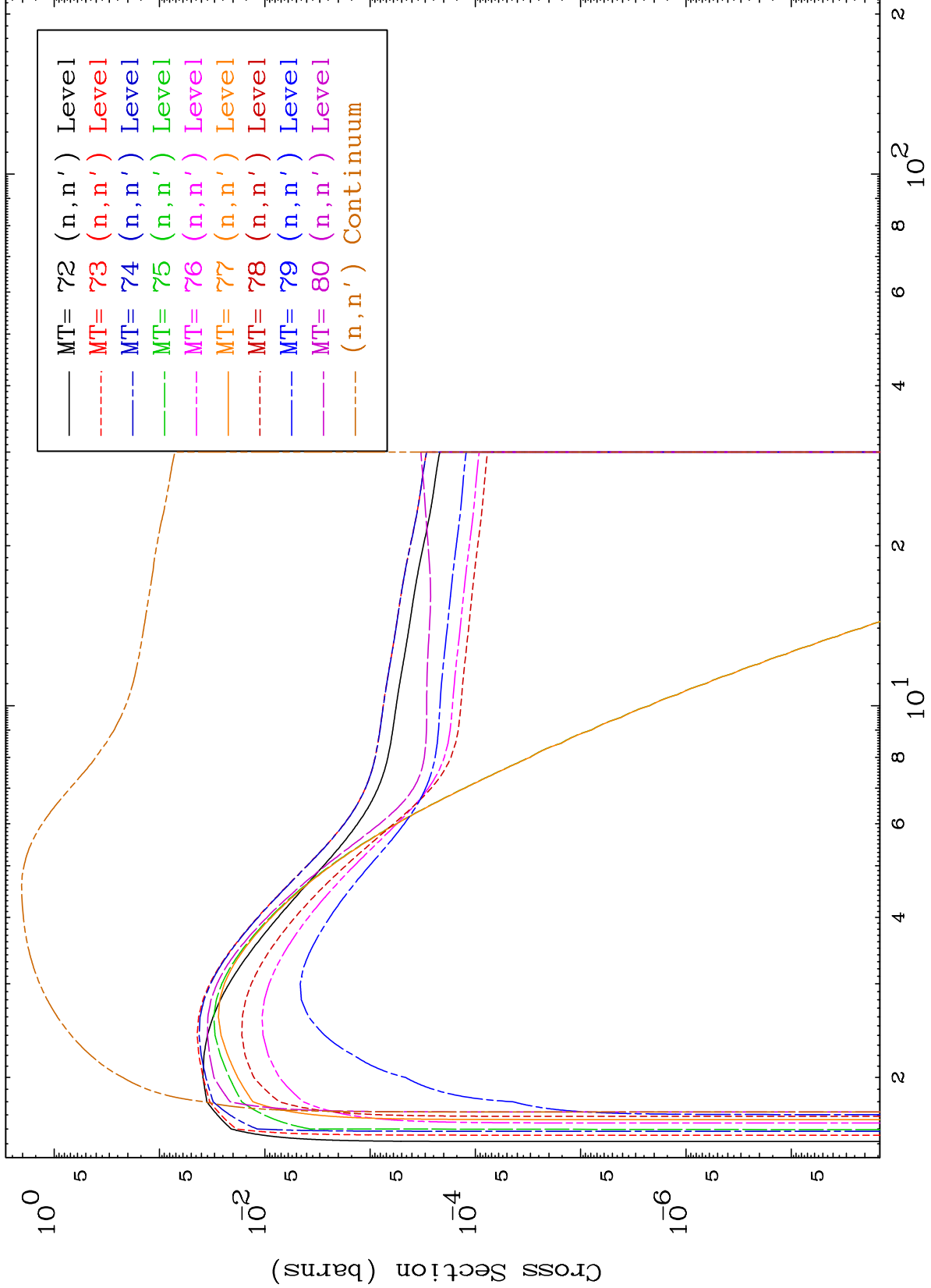
56-Ba-141

MAT 5658

(n,n') Level

56-Ba-141

293 Kelvin Cross Sections



9

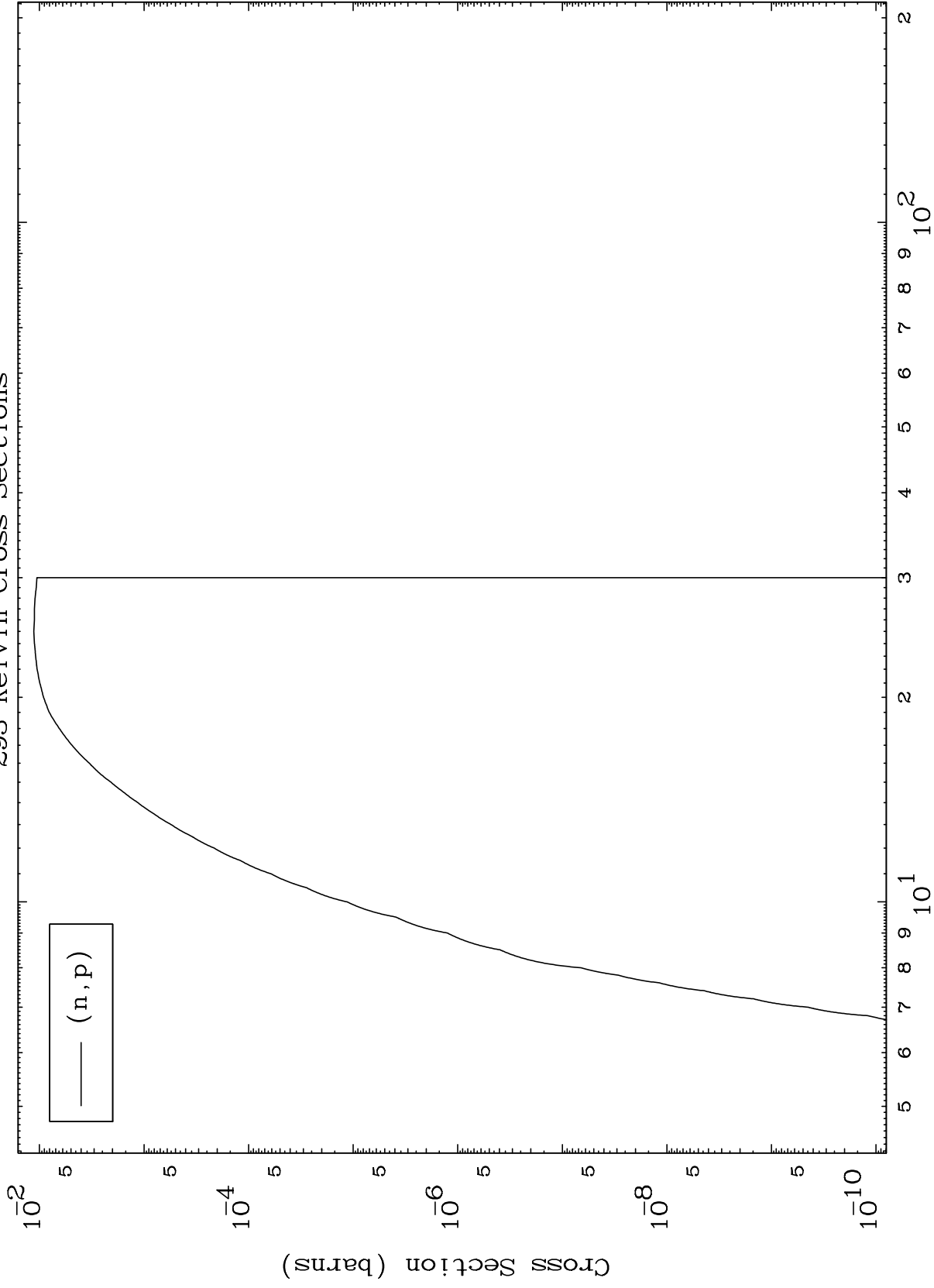
Incident Energy (MeV)

56-Ba-141

MAT 5658

(n,p) Levels  
293 Kelvin Cross Sections

56-Ba-141



10

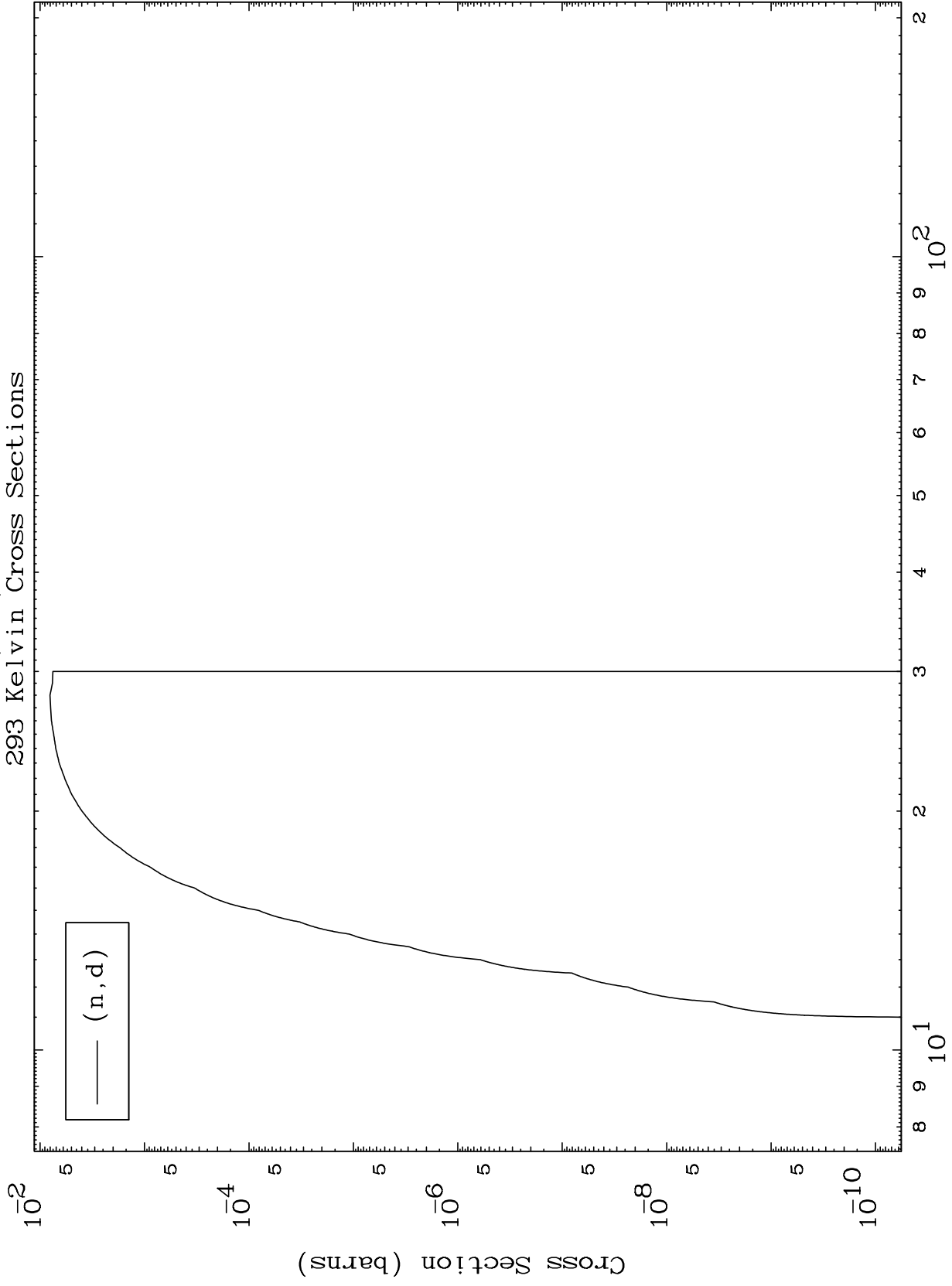
Incident Energy (MeV)

56-Ba-141

MAT 5658

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-141



11

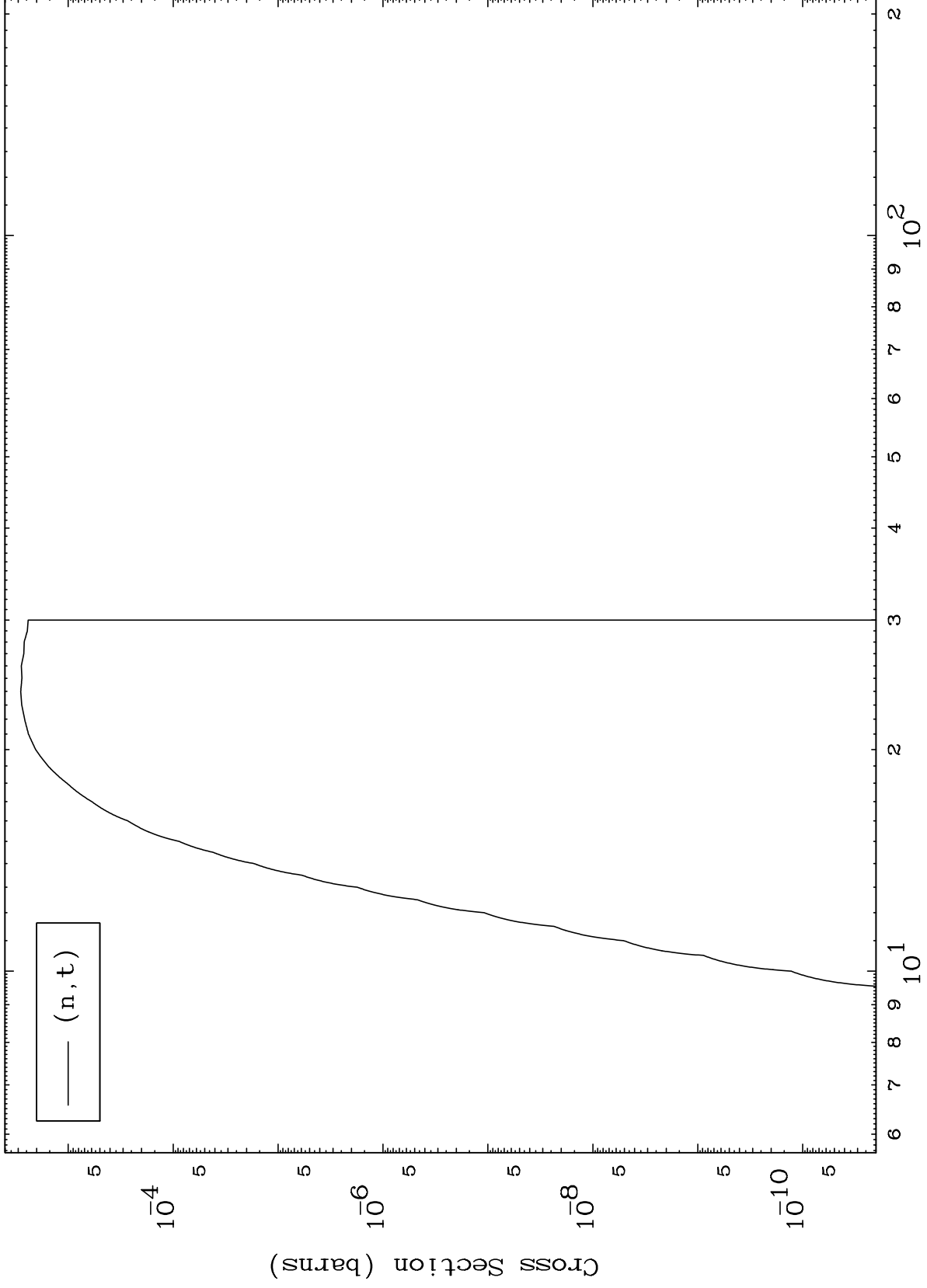
Incident Energy (MeV)

56-Ba-141

MAT 5658

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-141



12

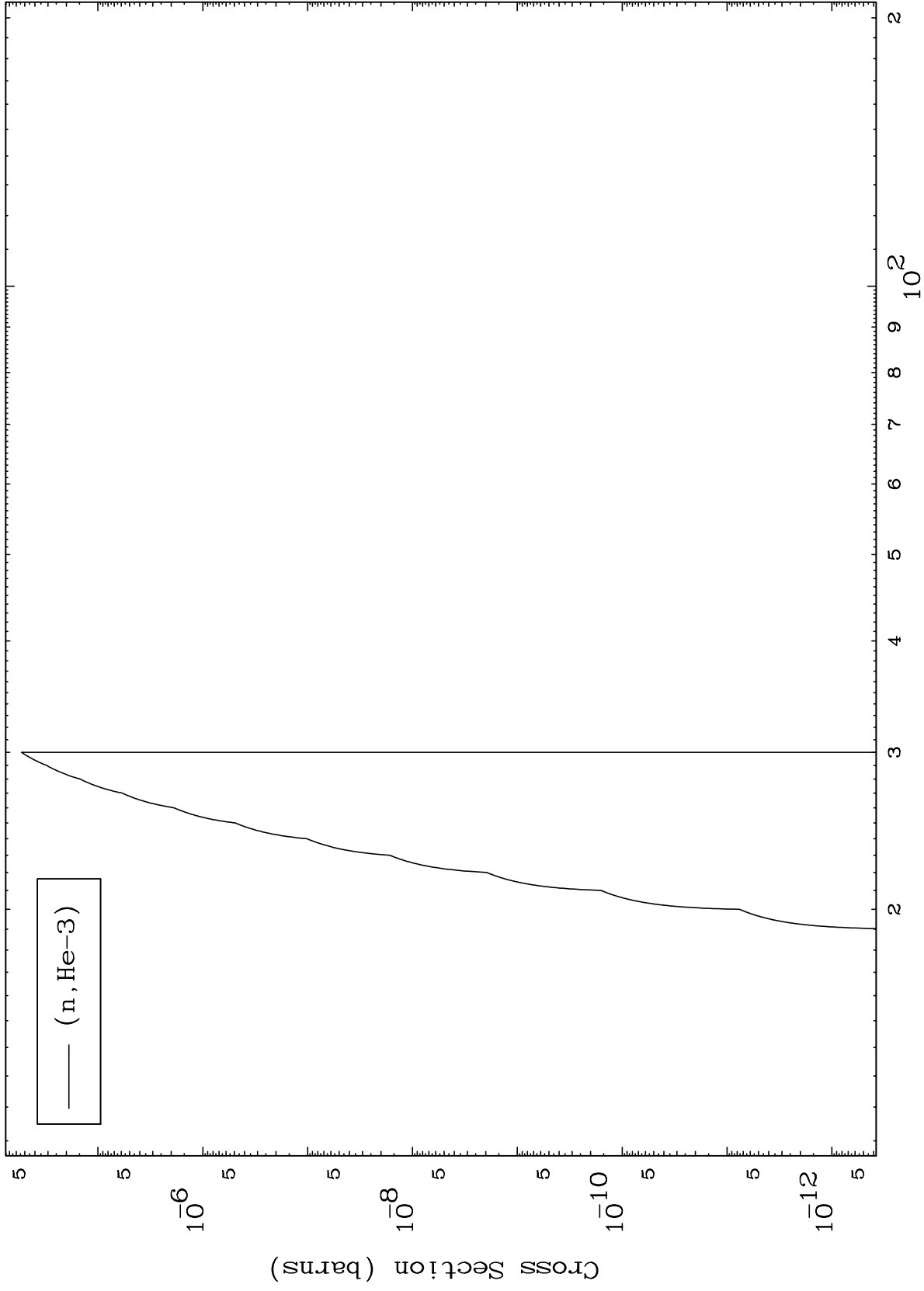
Incident Energy (MeV)

56-Ba-141

MAT 5658

(n,He3) Levels  
293 Kelvin Cross Sections

56-Ba-141



13

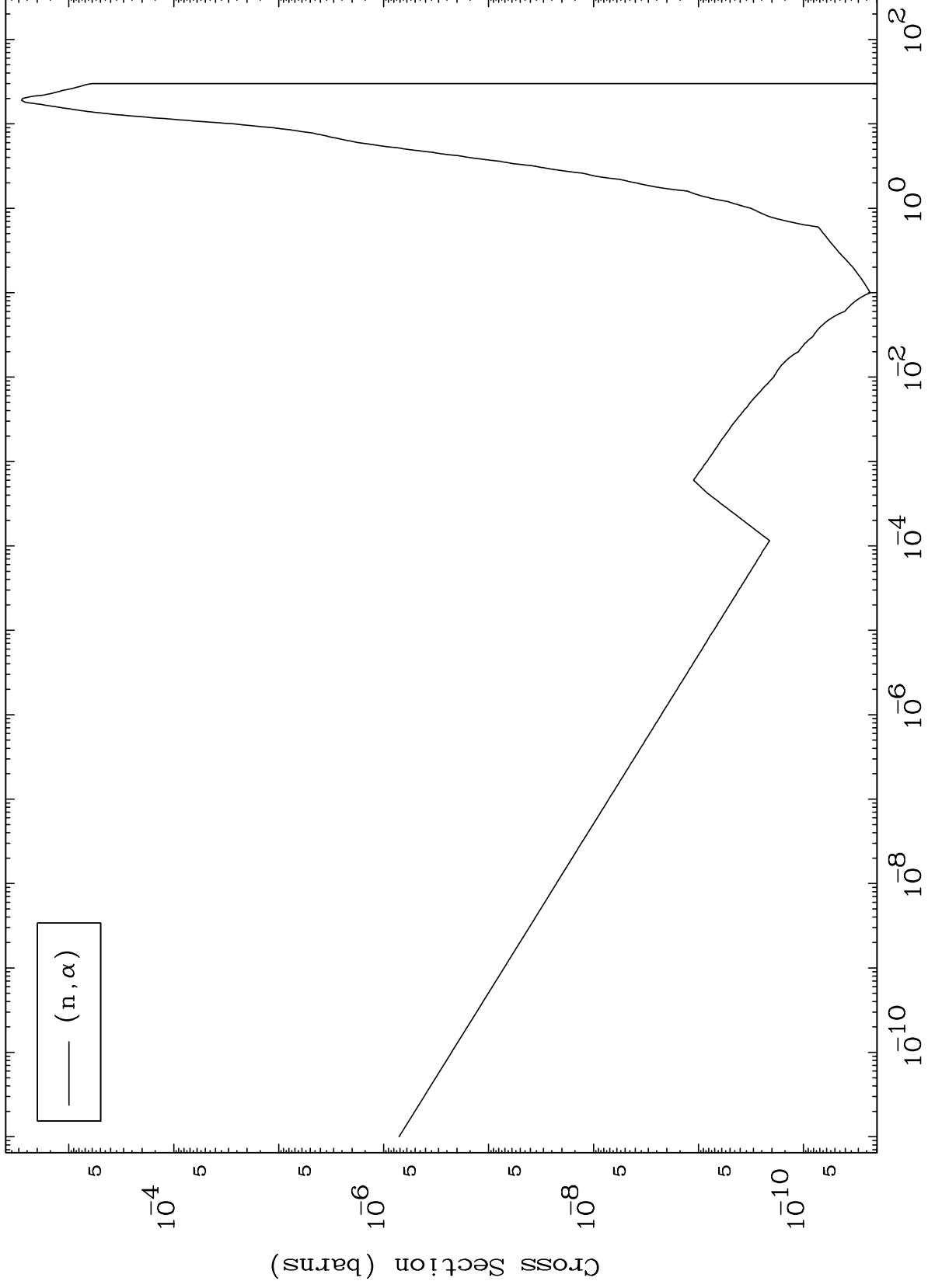
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

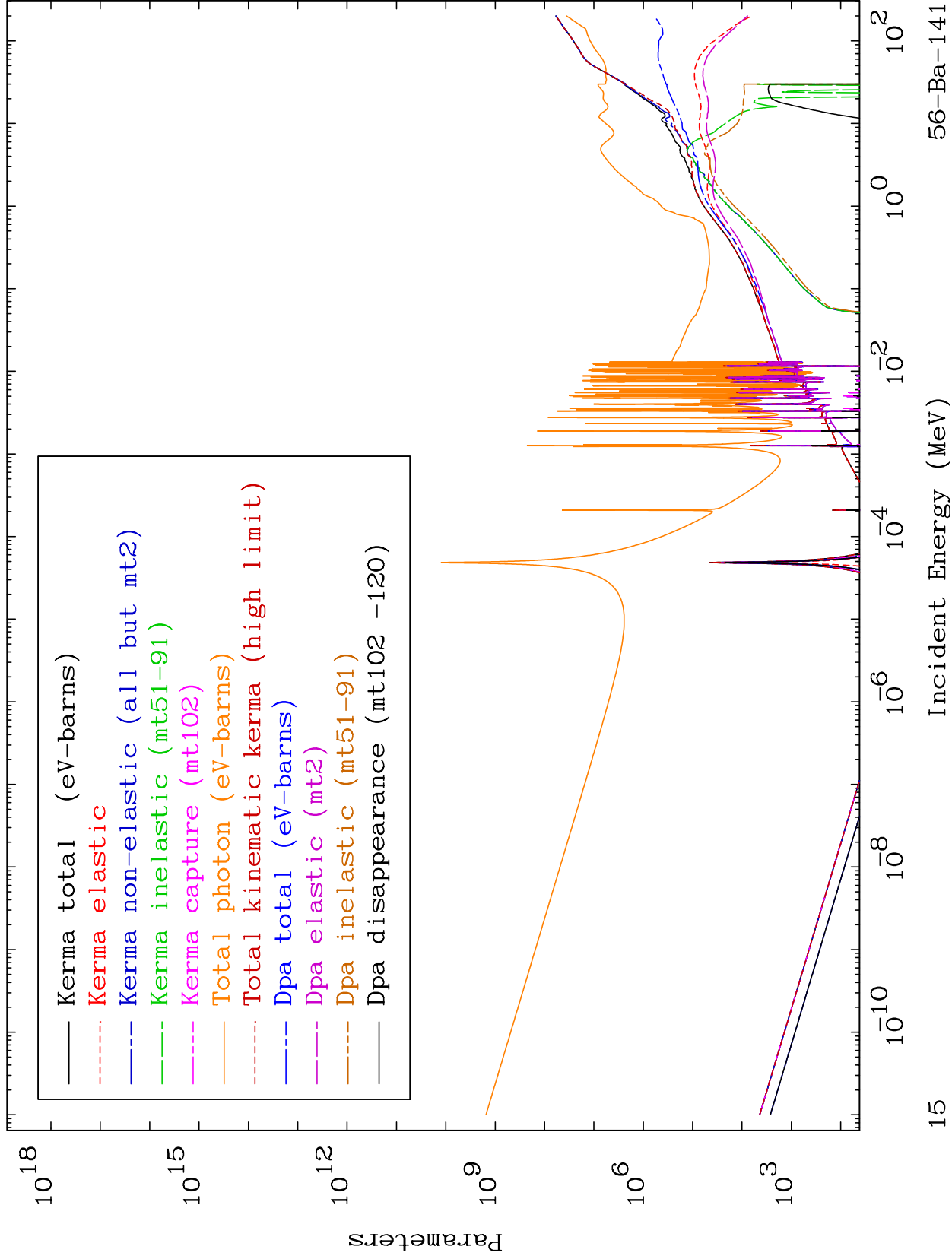
56-Ba-141



14

Incident Energy (MeV)

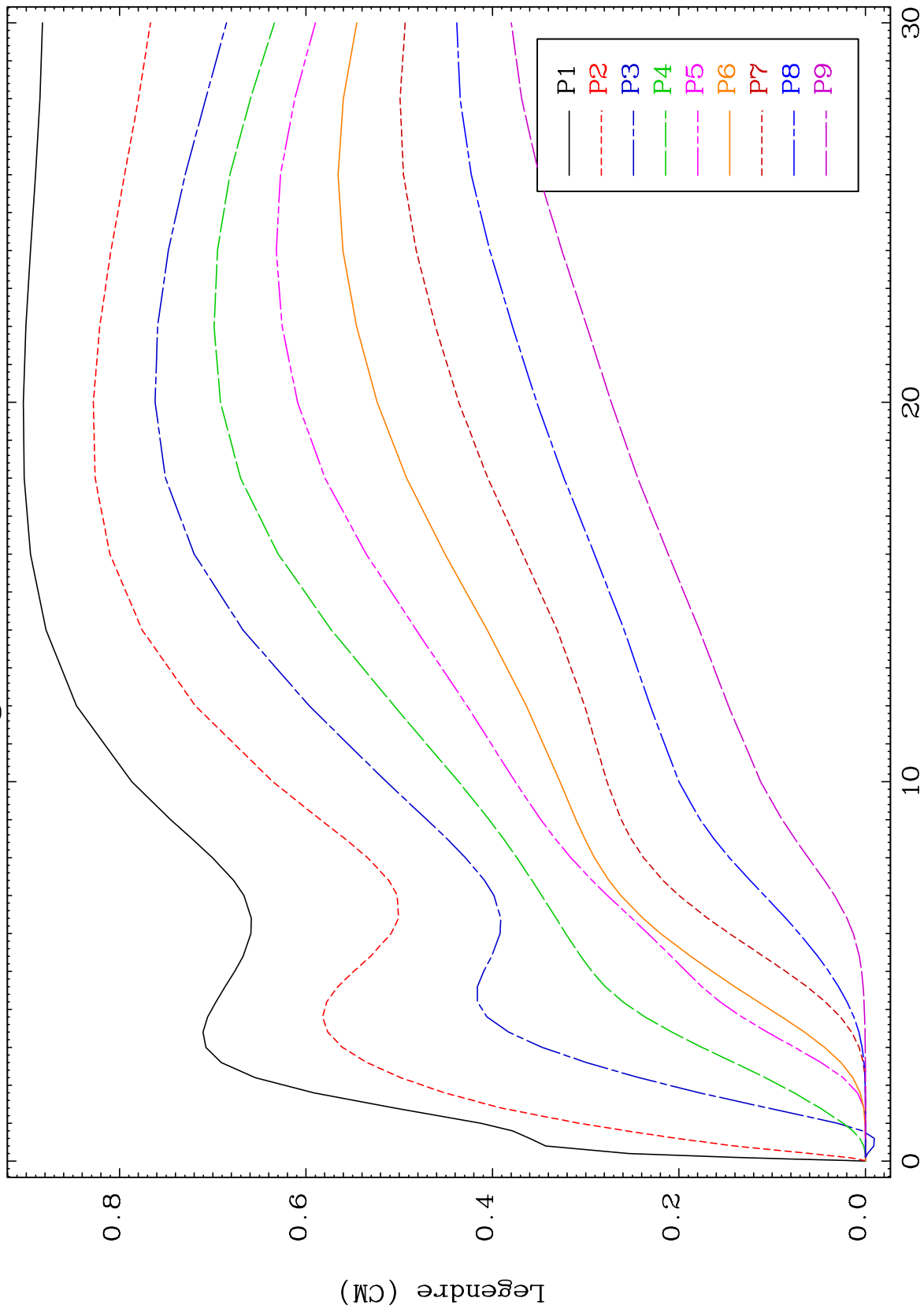
56-Ba-141



MAT 5658

Elastic Legendre Coefficients

56-Ba-141



16

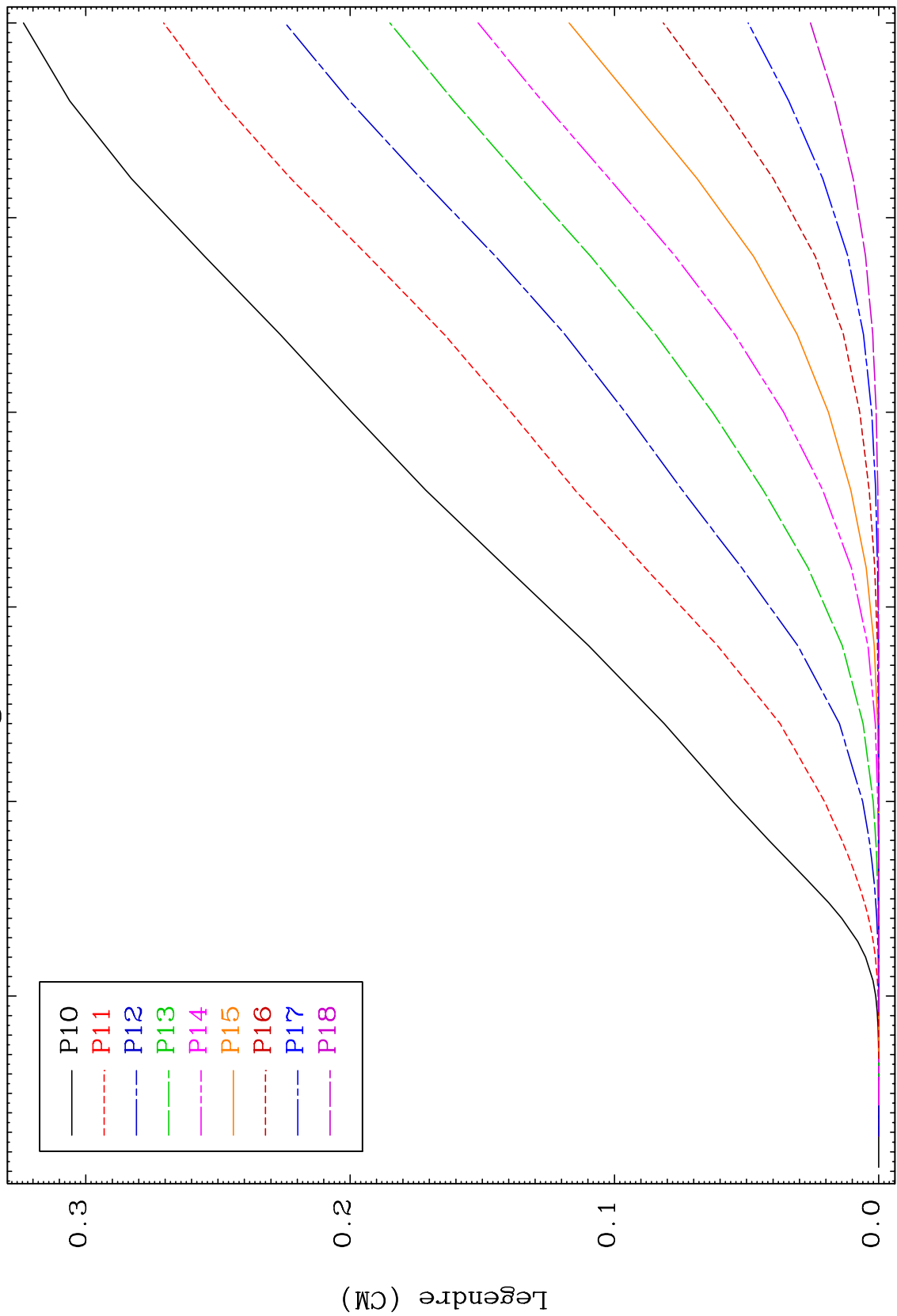
Incident Energy (MeV)

56-Ba-141

MAT 5658

Elastic Legendre Coefficients

56-Ba-141



17

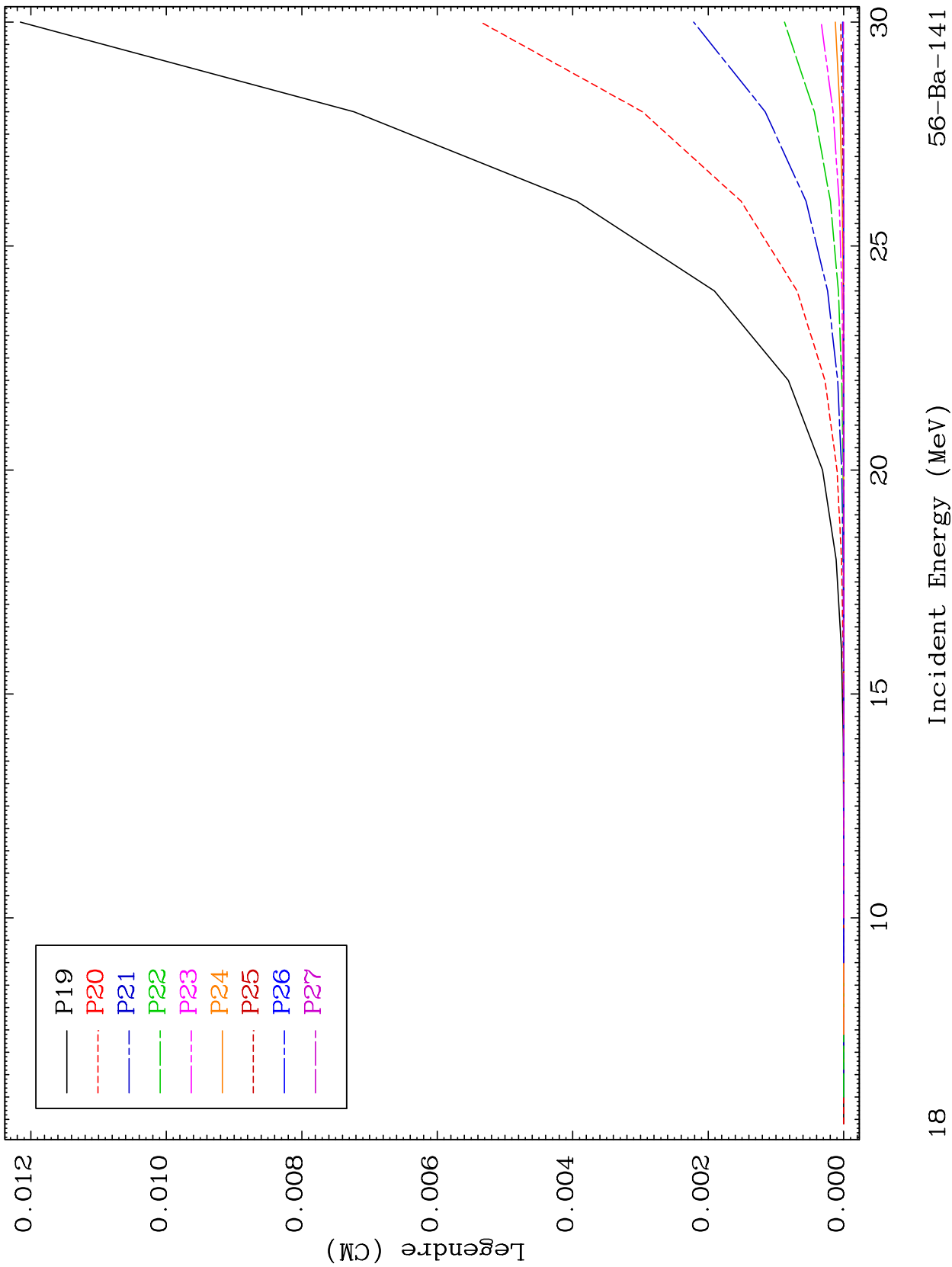
56-Ba-141

Incident Energy (MeV)

MAT 5658

Elastic  
Legendre Coefficients

56-Ba-141



18

Incident Energy (MeV)

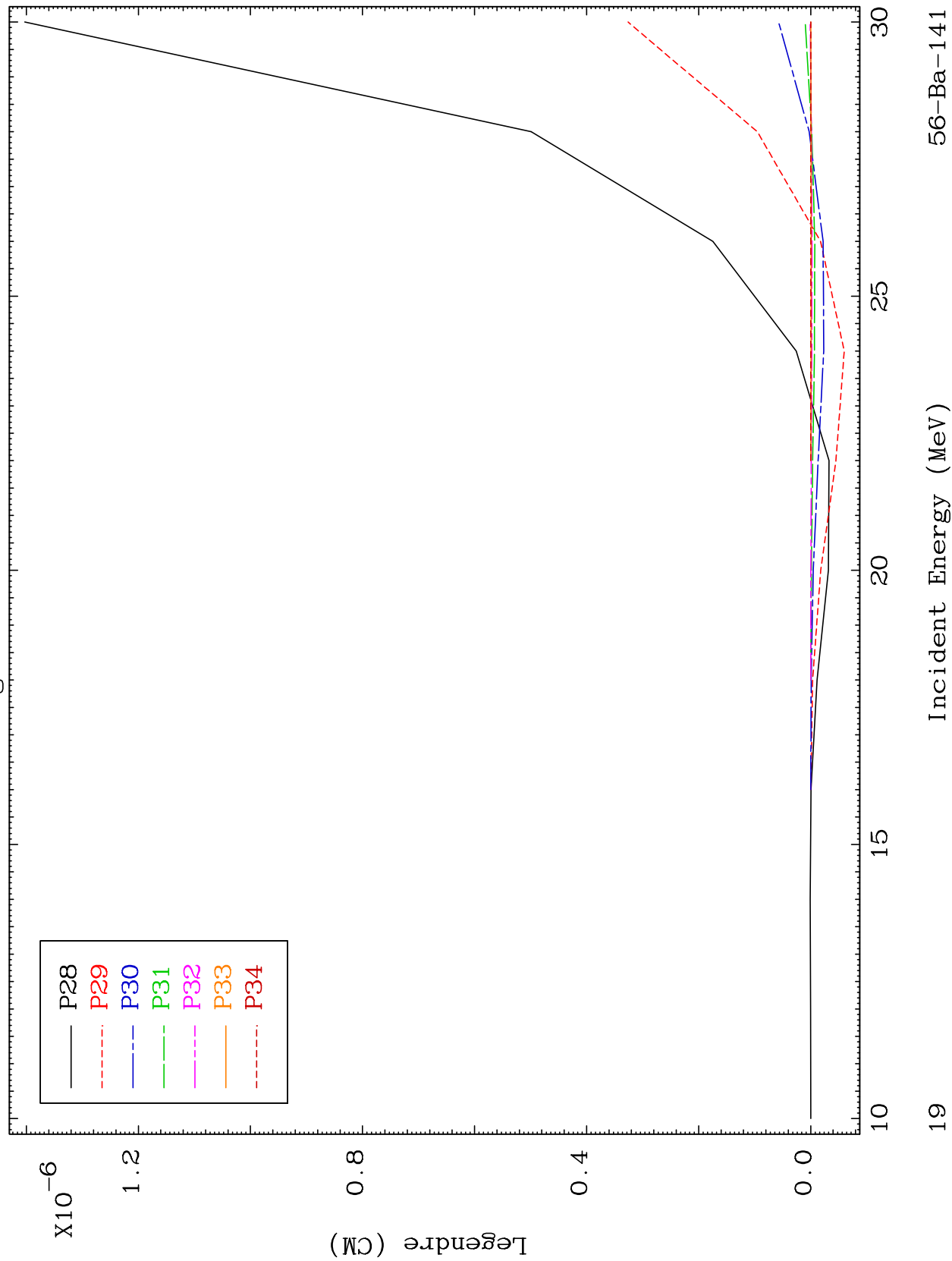
56-Ba-141

10 15 20 25 30

MAT 5658

Elastic Legendre Coefficients

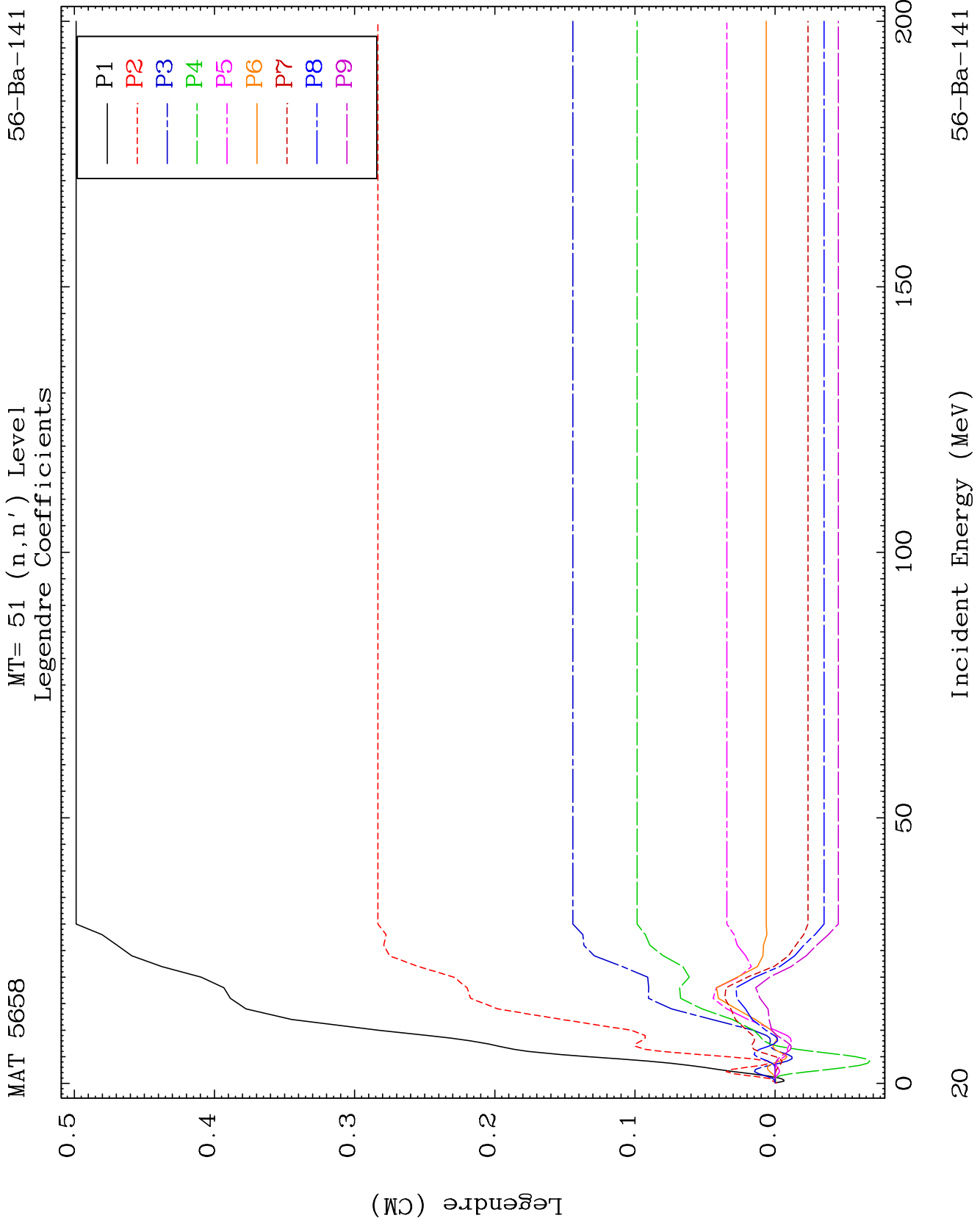
56-Ba-141



56-Ba-141

Incident Energy (MeV)

19

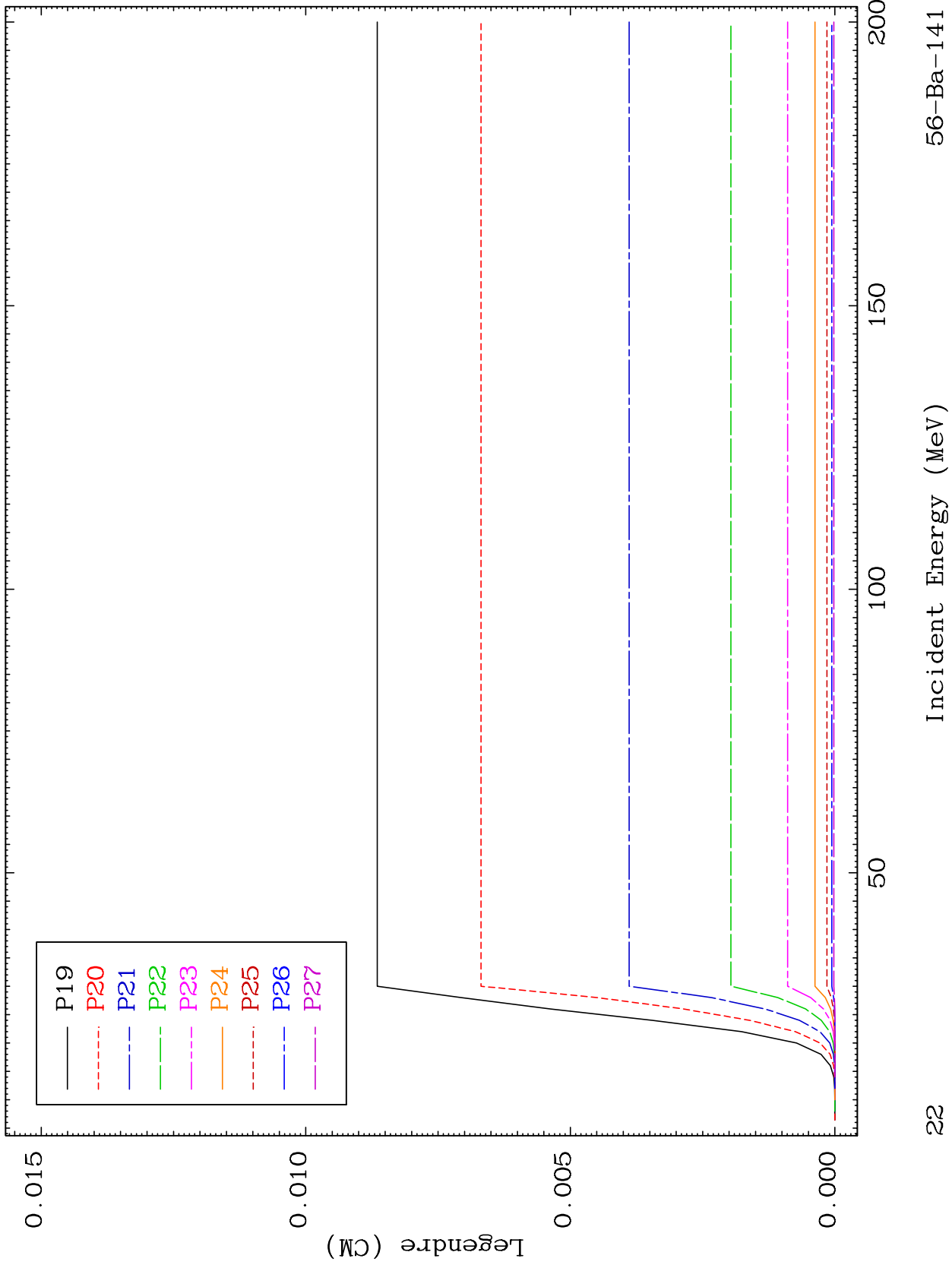




MAT 5658

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

56-Ba-141



22

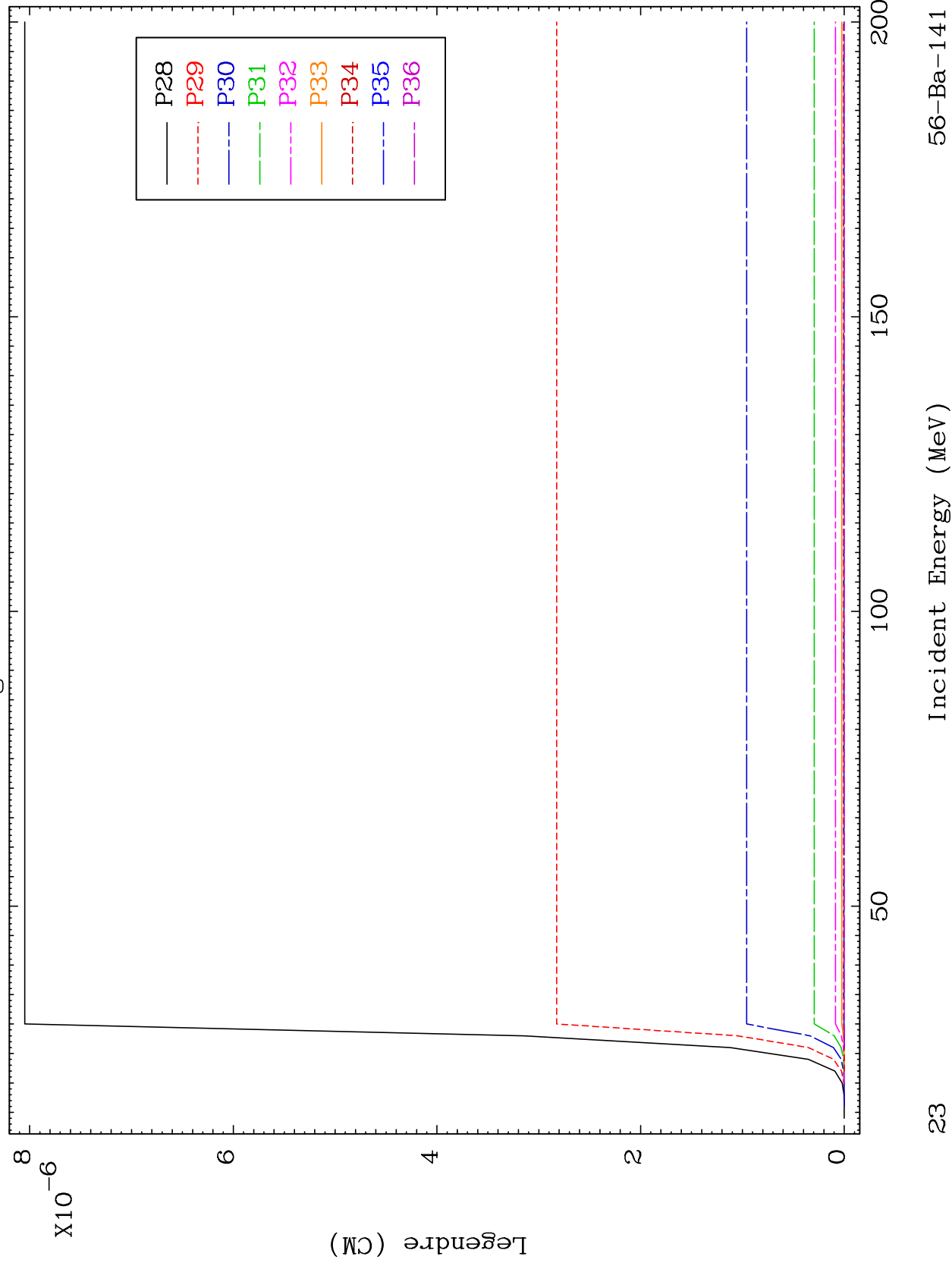
56-Ba-141

Incident Energy (MeV)

MAT 5658

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

56-Ba-141



23

Incident Energy (MeV)

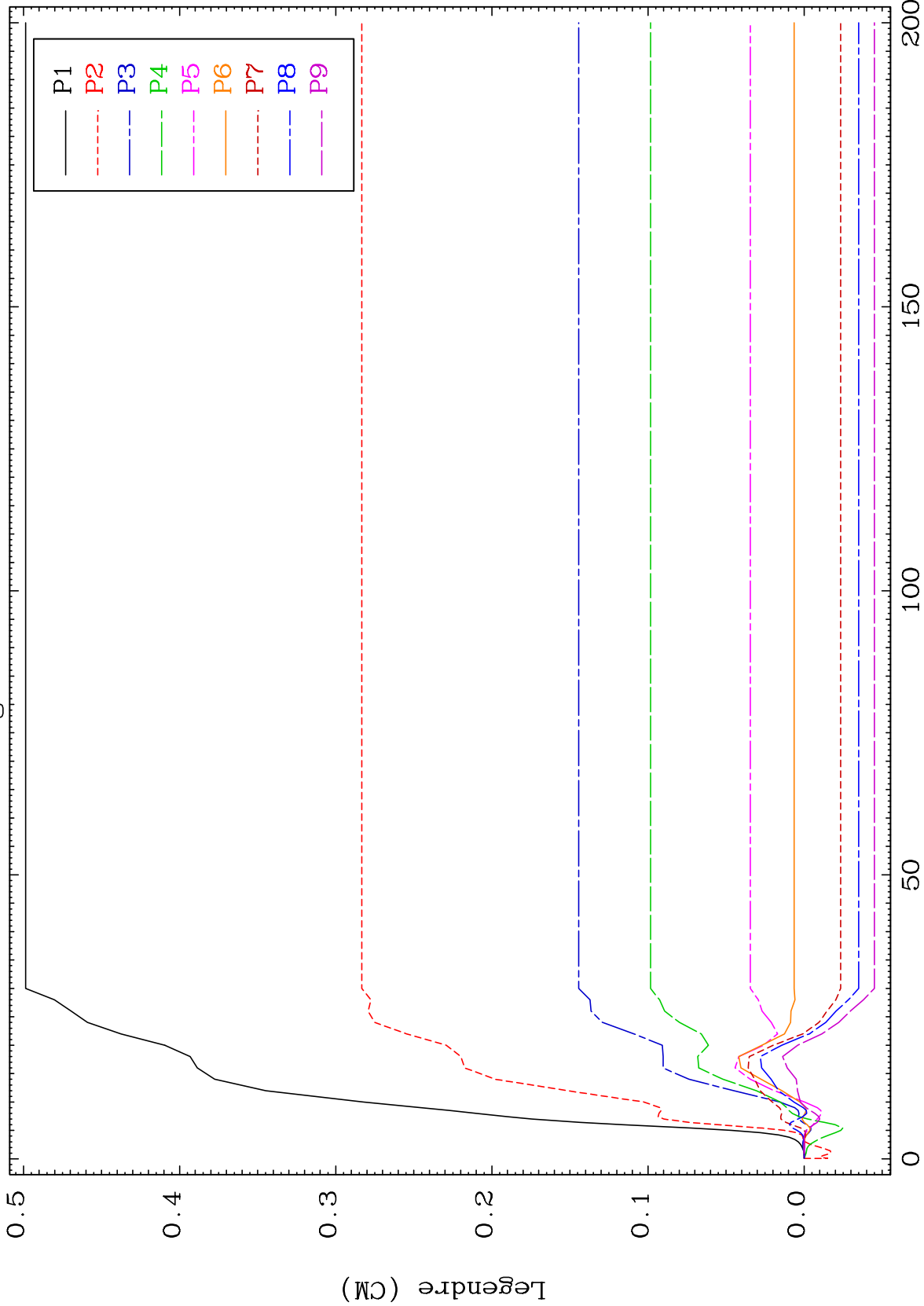
56-Ba-141

MAT 5658

MT= 52 (n,n') Level

56-Ba-141

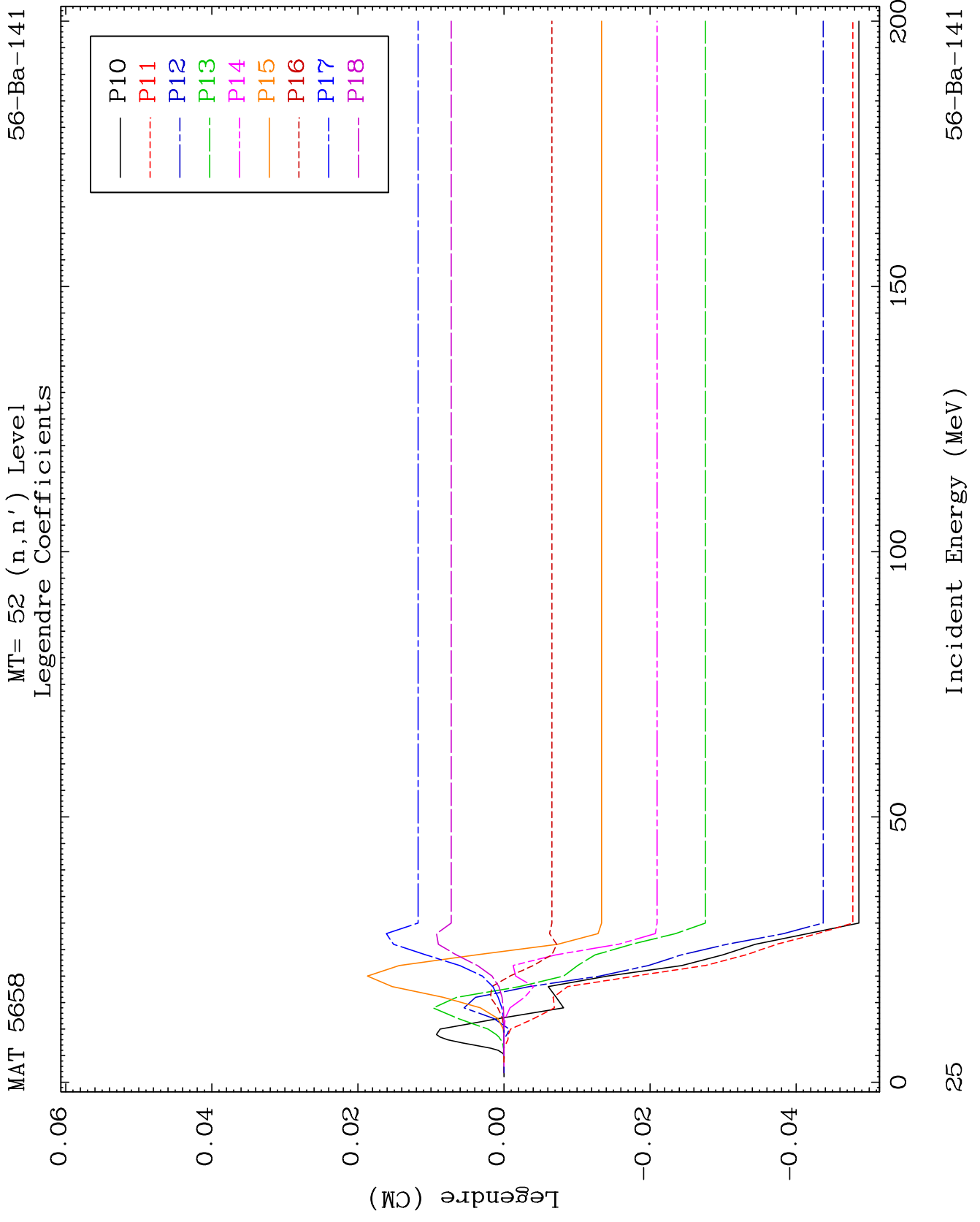
Legendre Coefficients



24

Incident Energy (MeV)

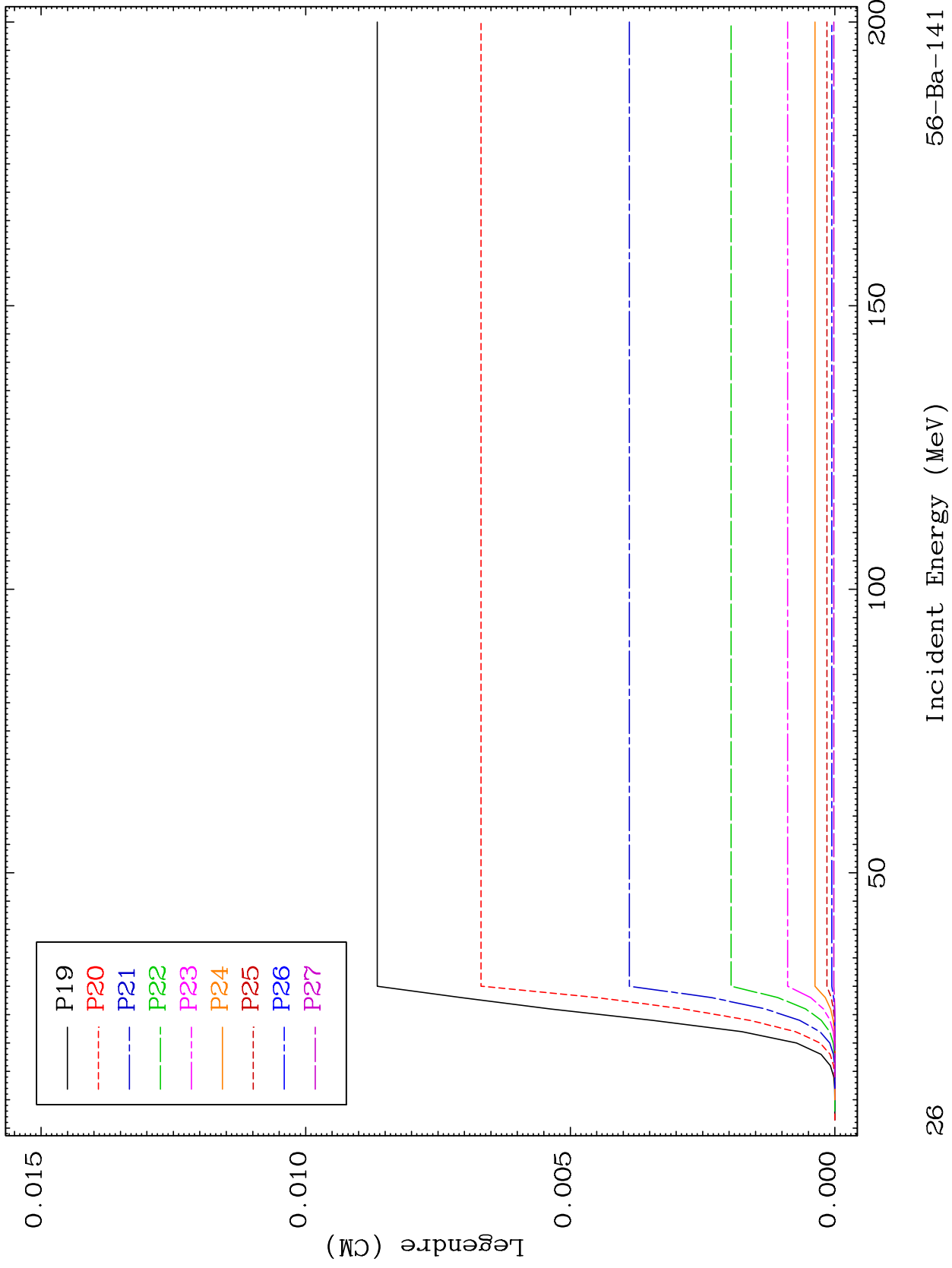
56-Ba-141



MAT 5658

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

56-Ba-141



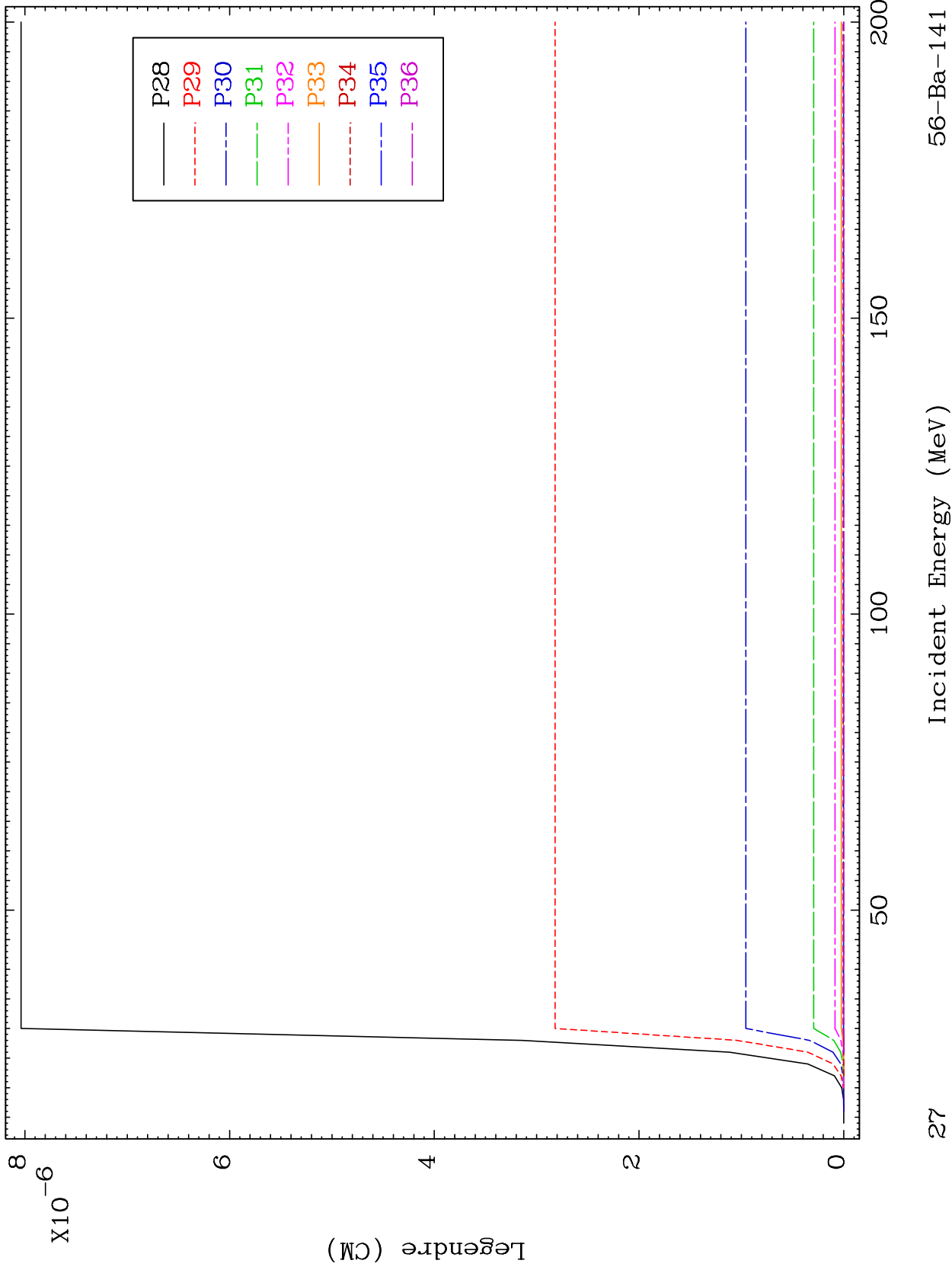
26

56-Ba-141

MAT 5658

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

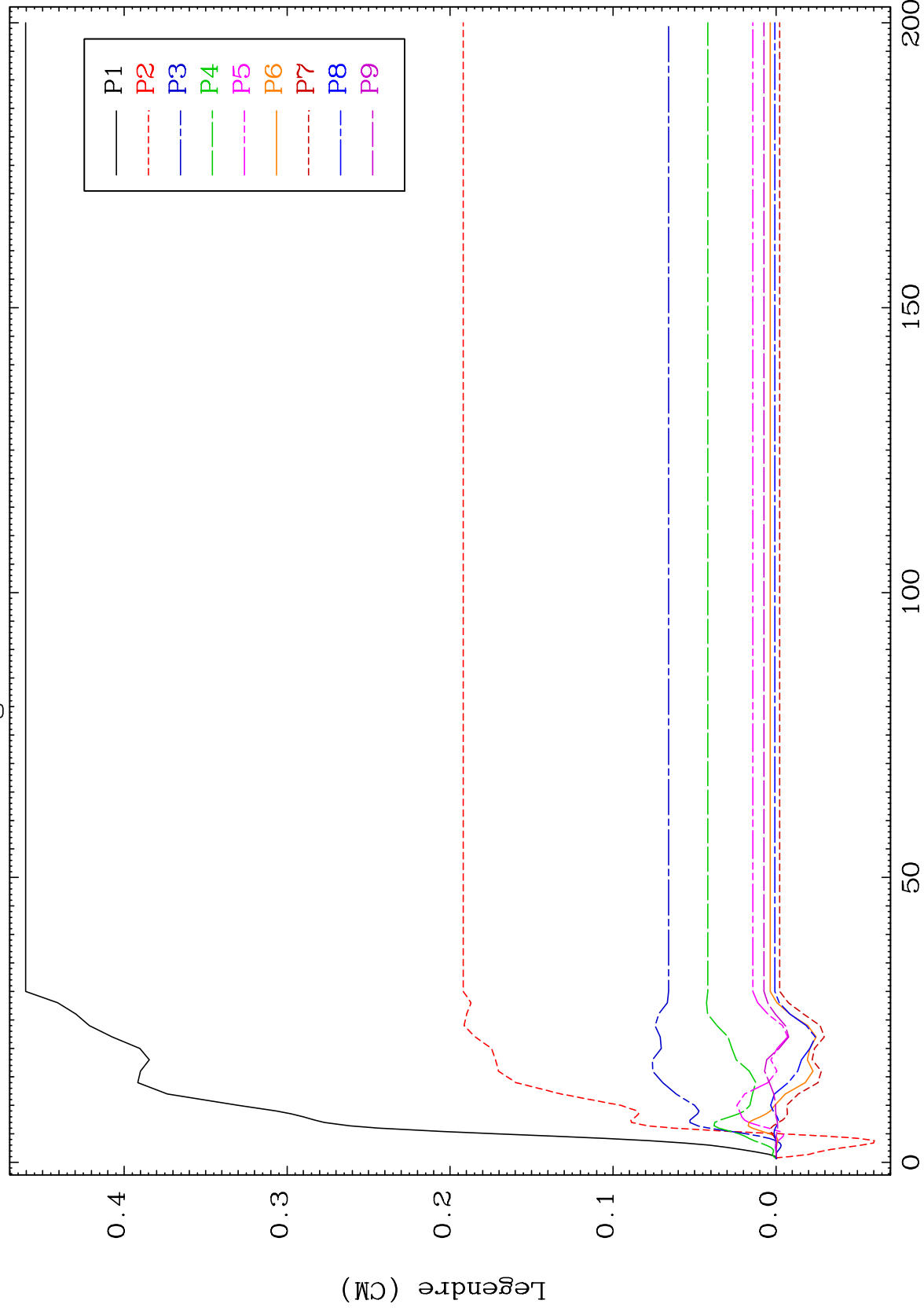
56-Ba-141



MAT 5658

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

56-Ba-141



56-Ba-141

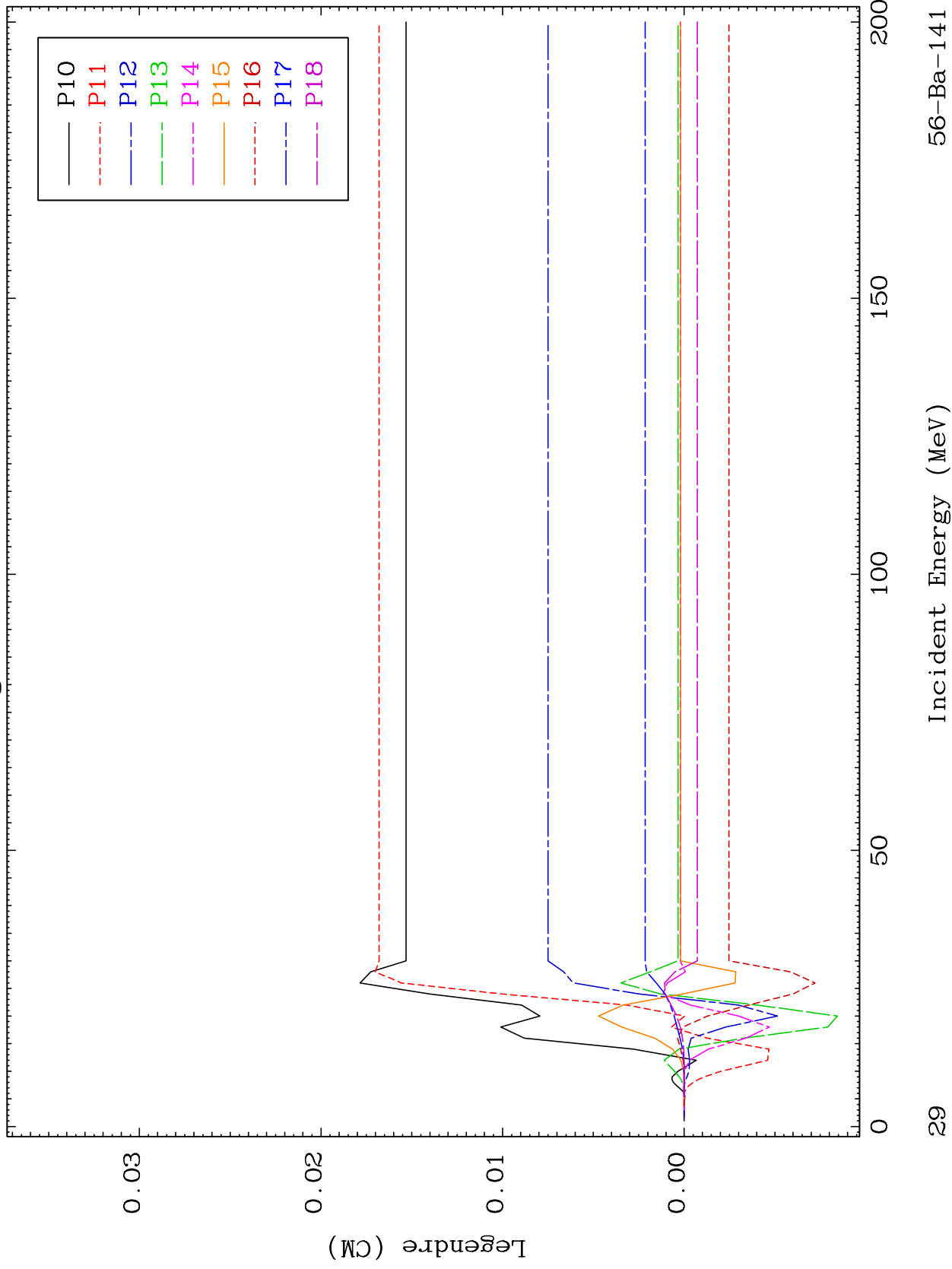
Incident Energy (MeV)

28

MAT 5658

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

56-Ba-141



56-Ba-141

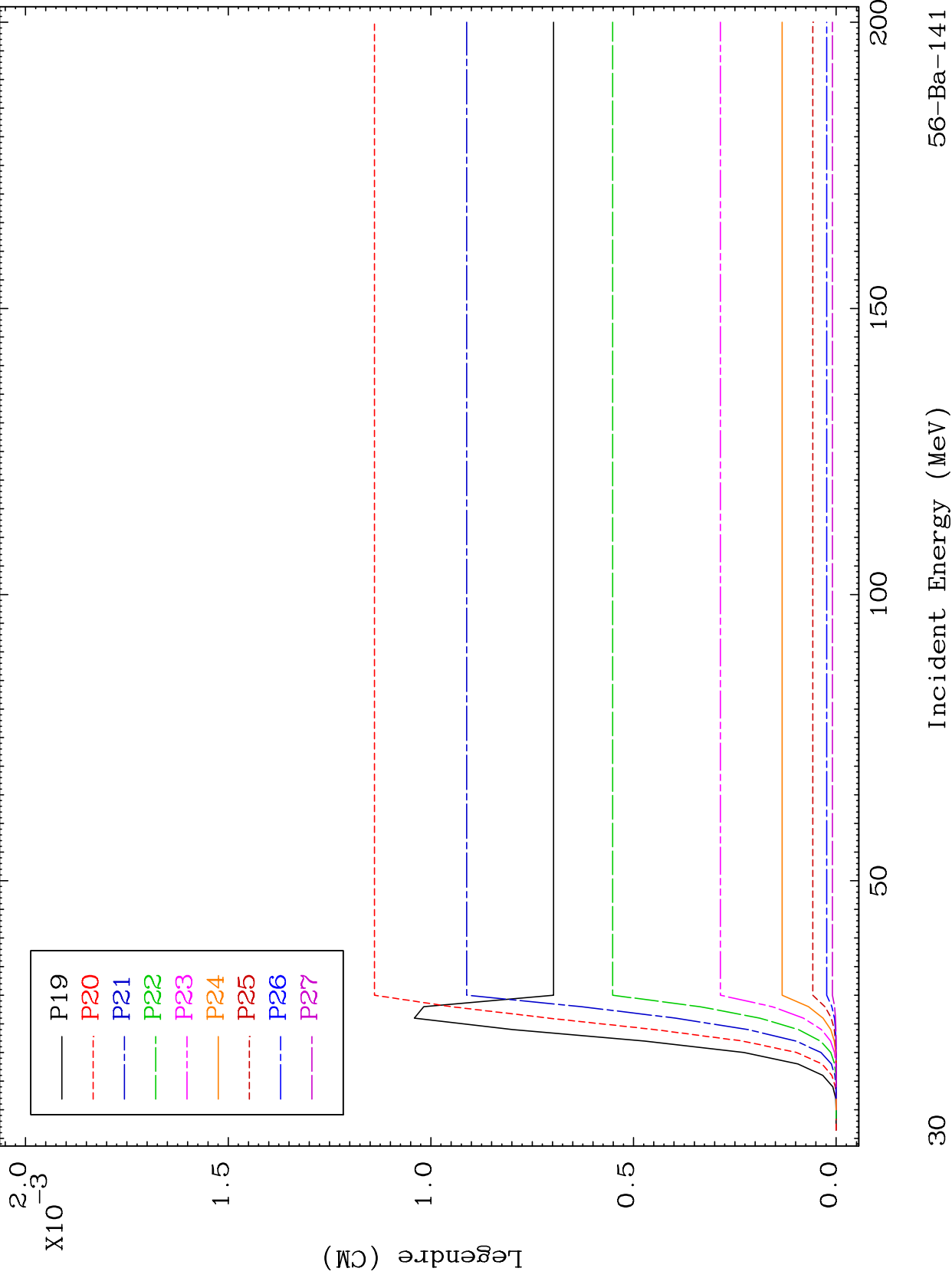
Incident Energy (MeV)

29

MAT 5658

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

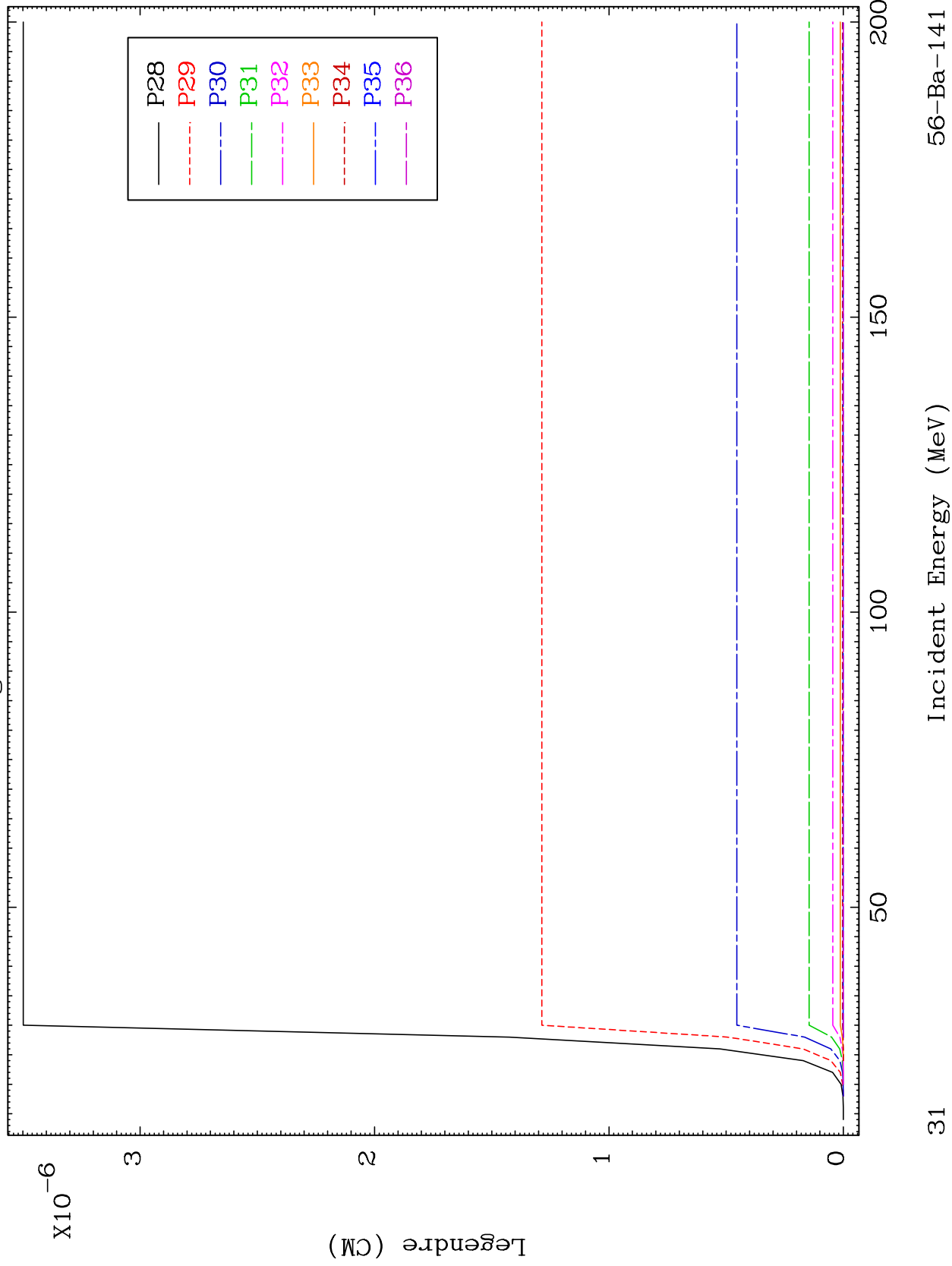
56-Ba-141



MAT 5658

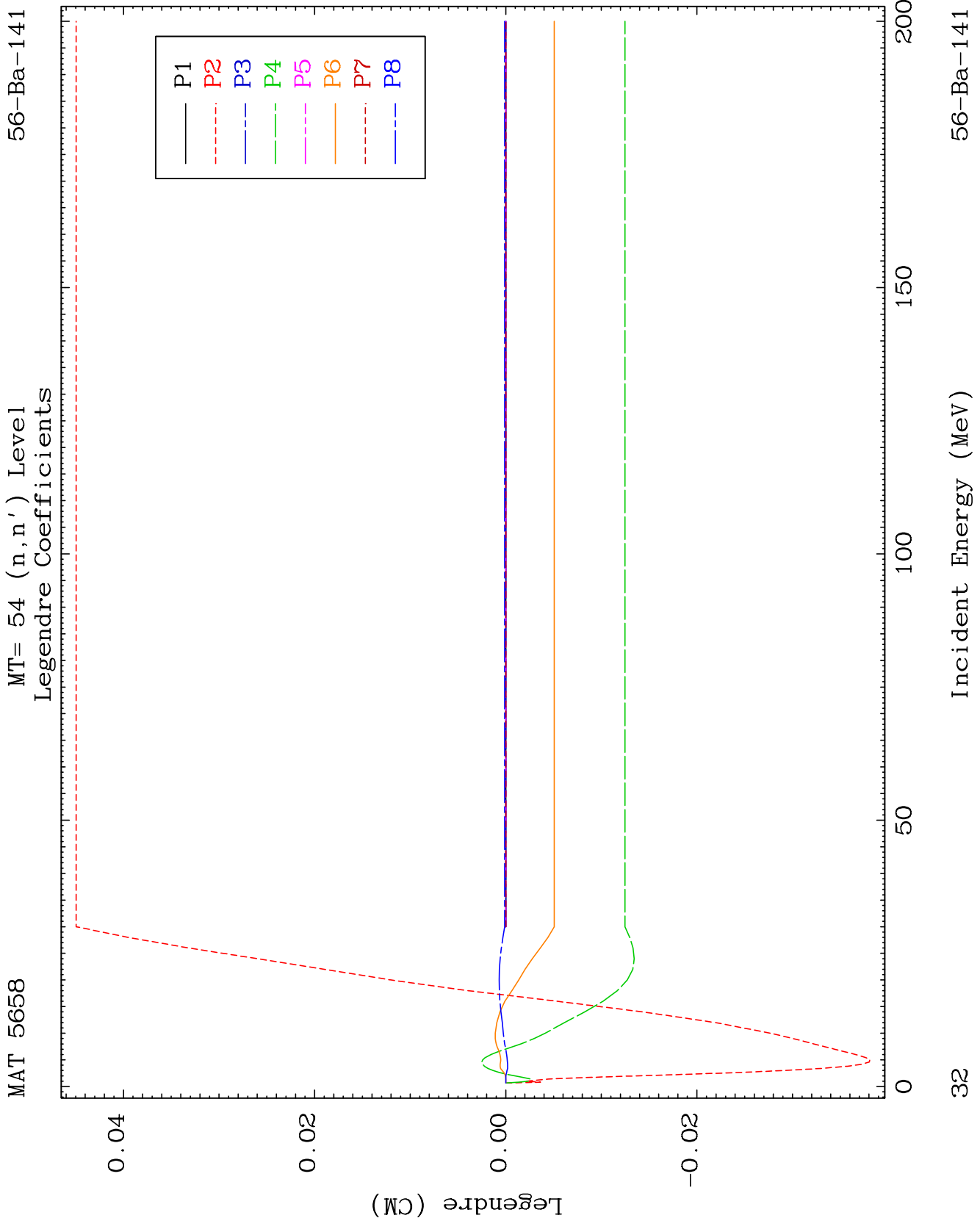
MT= 53 (n,n') Level  
Legendre Coefficients

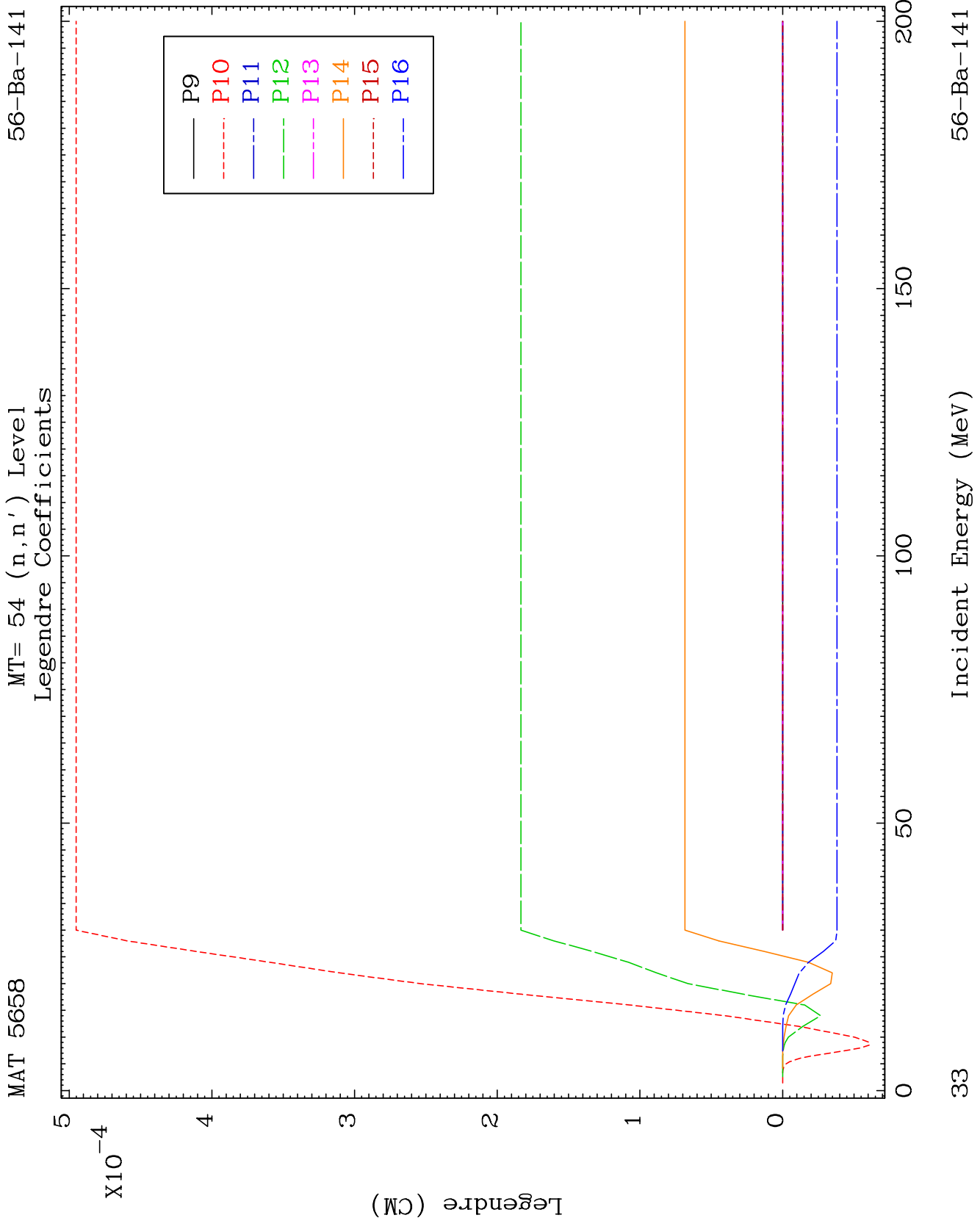
56-Ba-141



31

200

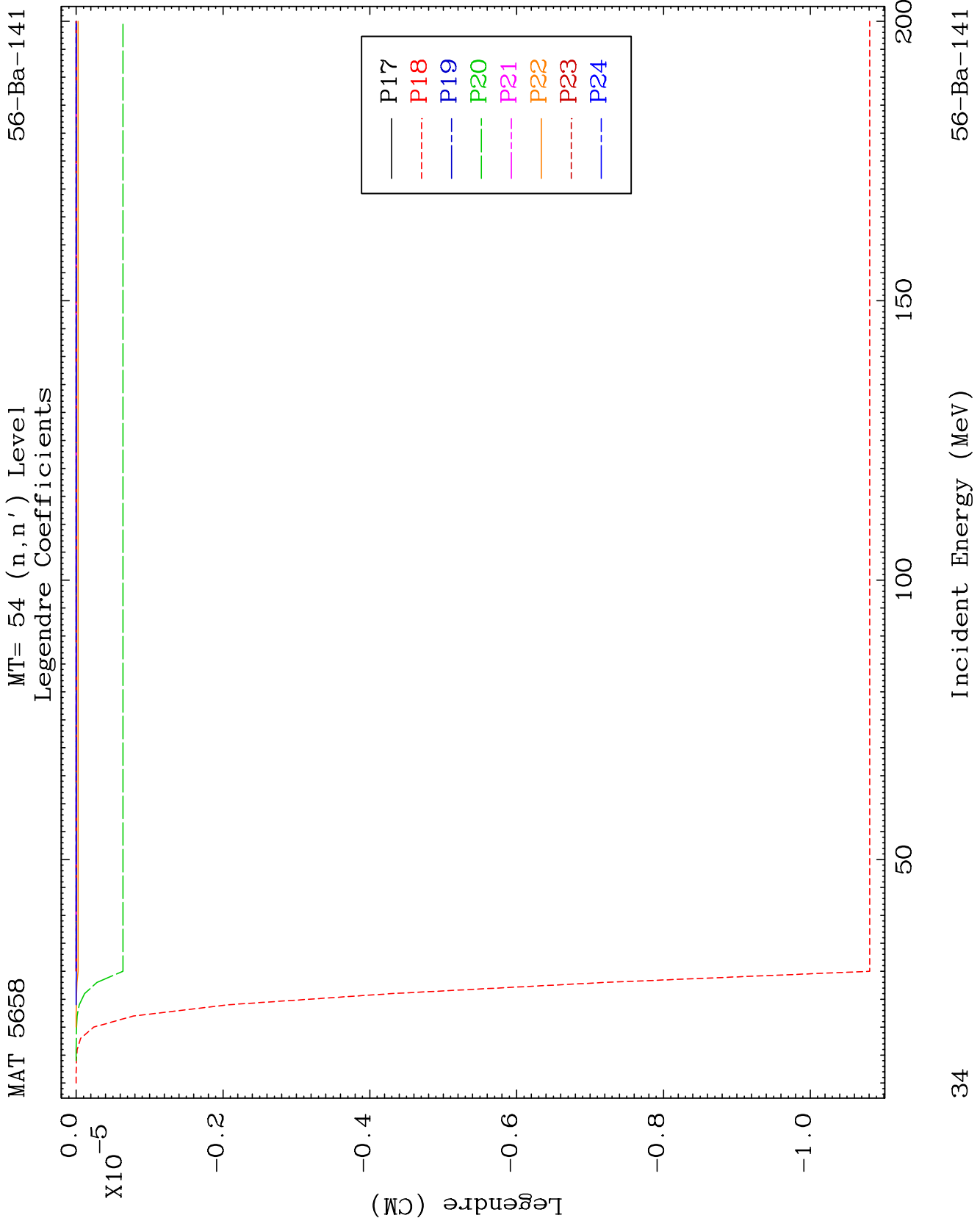




56-Ba-141

Incident Energy (MeV)

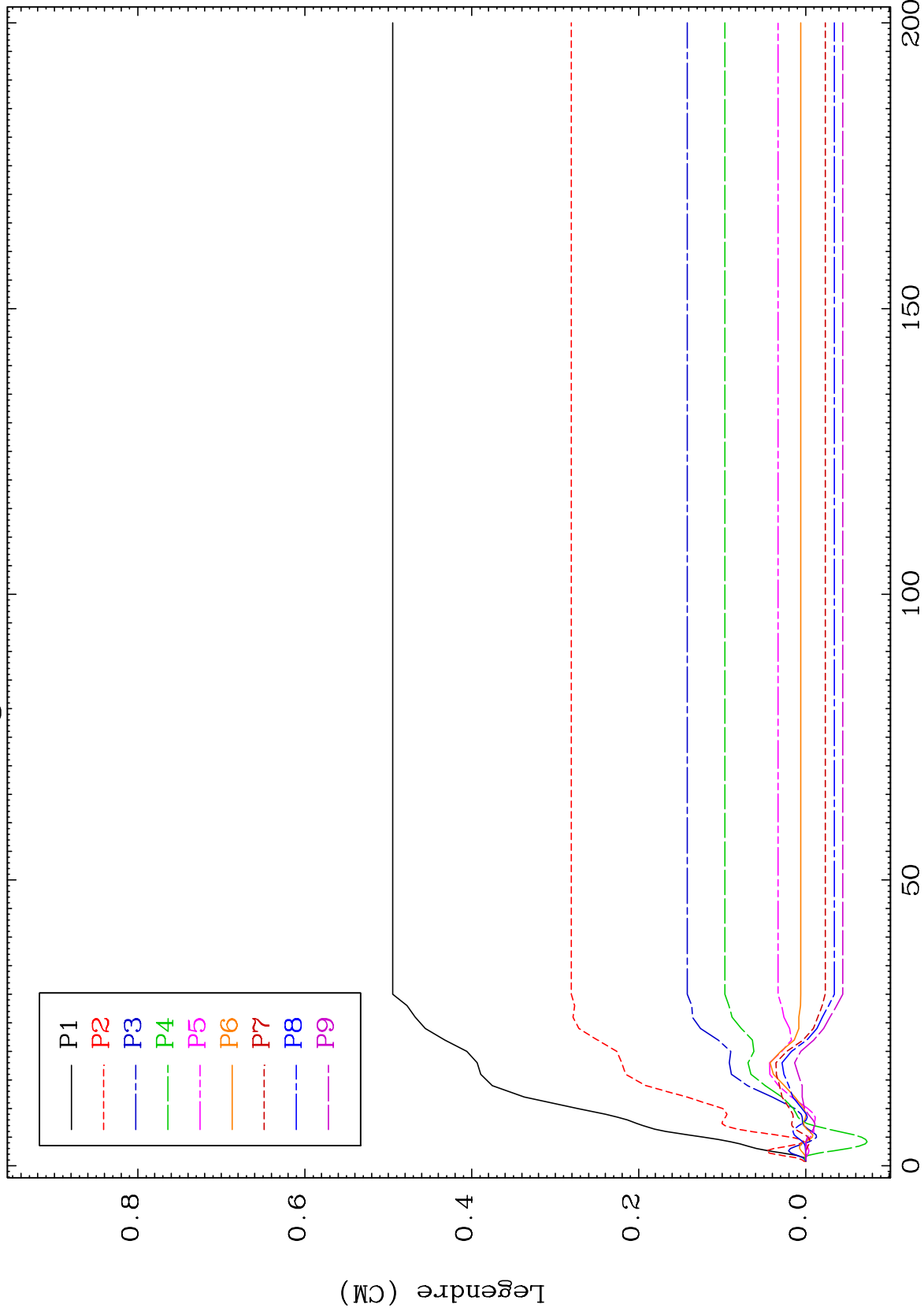
33



MAT 5658

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

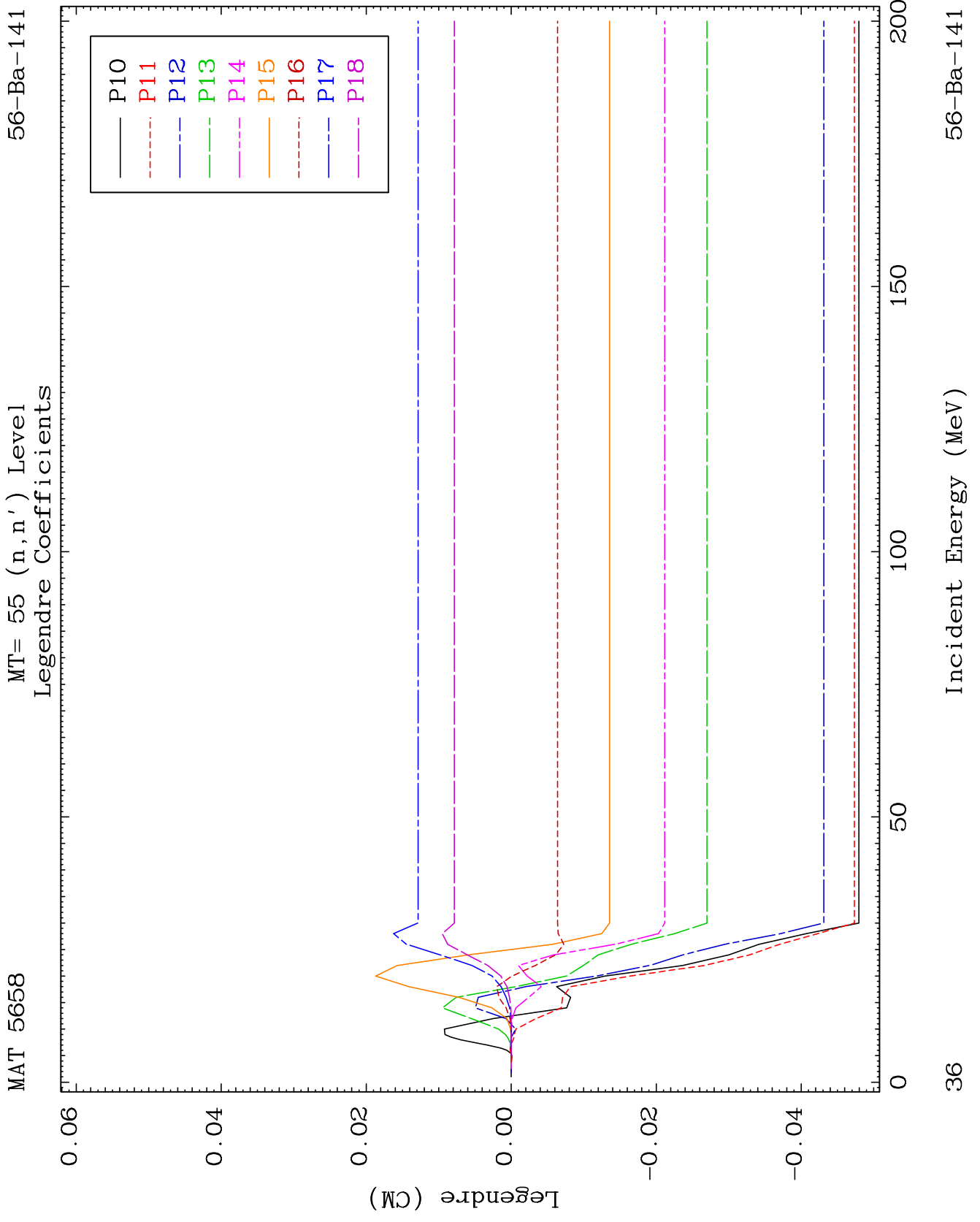
56-Ba-141



35

Incident Energy (MeV)

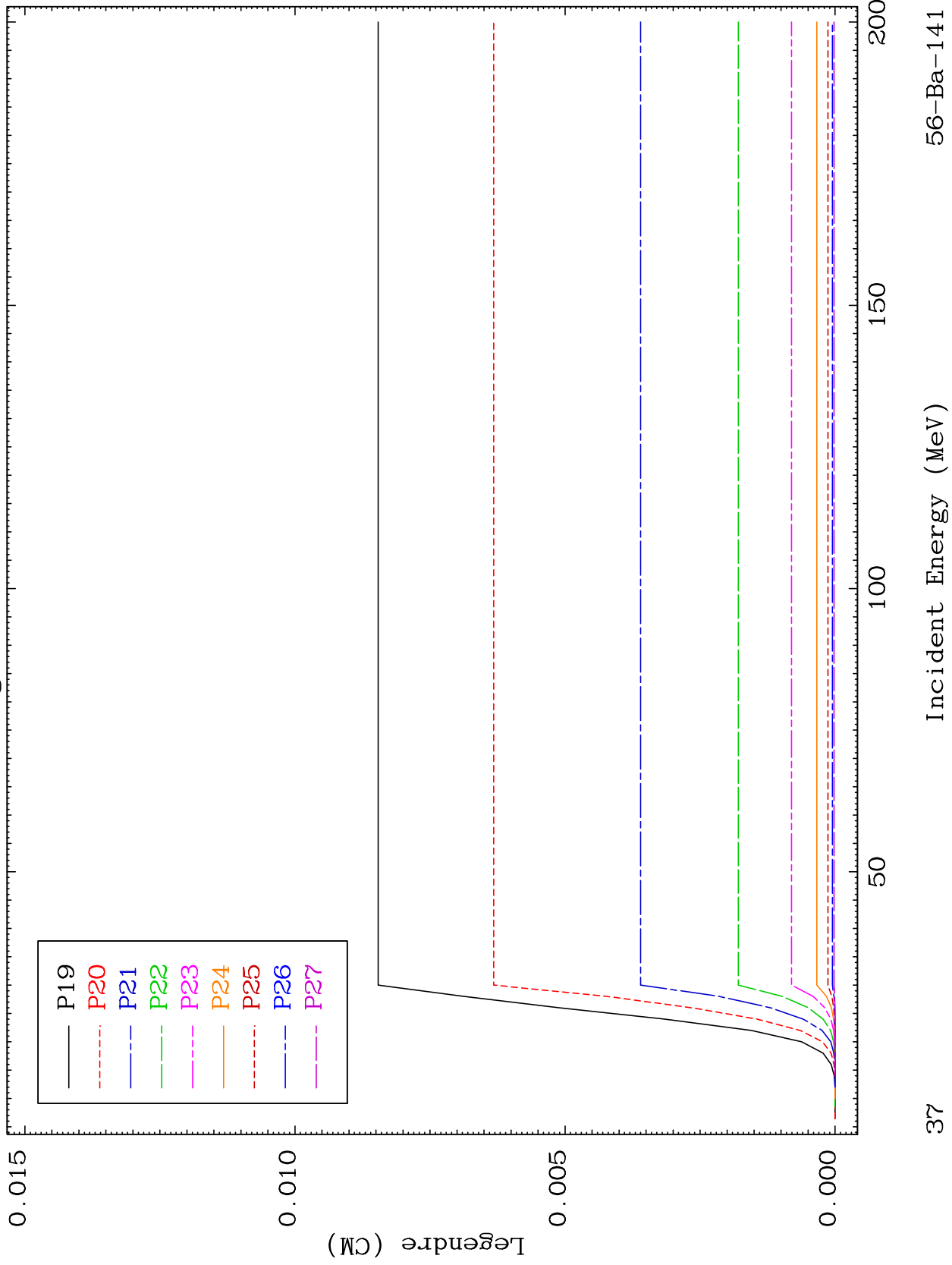
56-Ba-141



MAT 5658

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

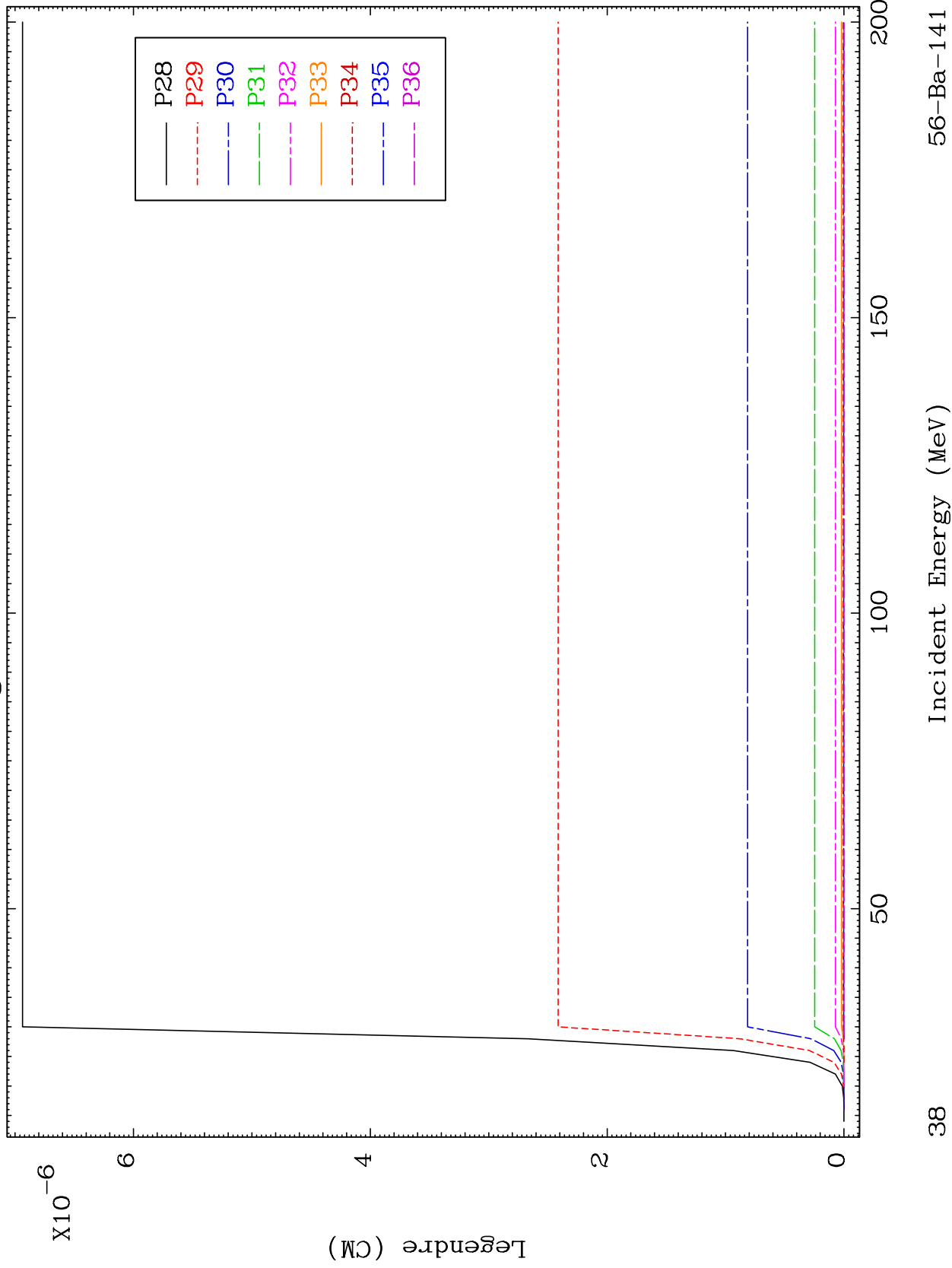
56-Ba-141



MAT 5658

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

56-Ba-141



38

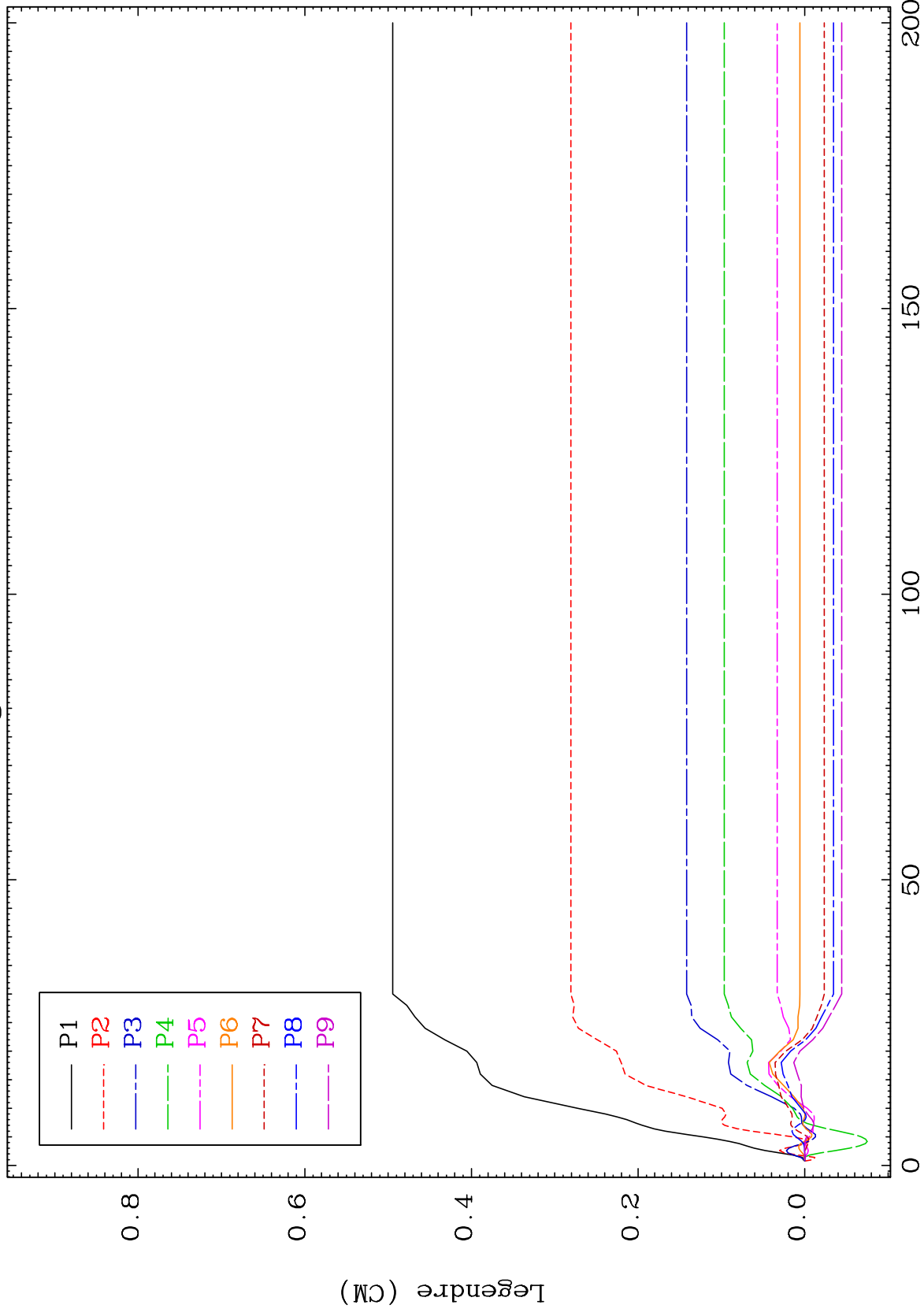
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



39

Incident Energy (MeV)

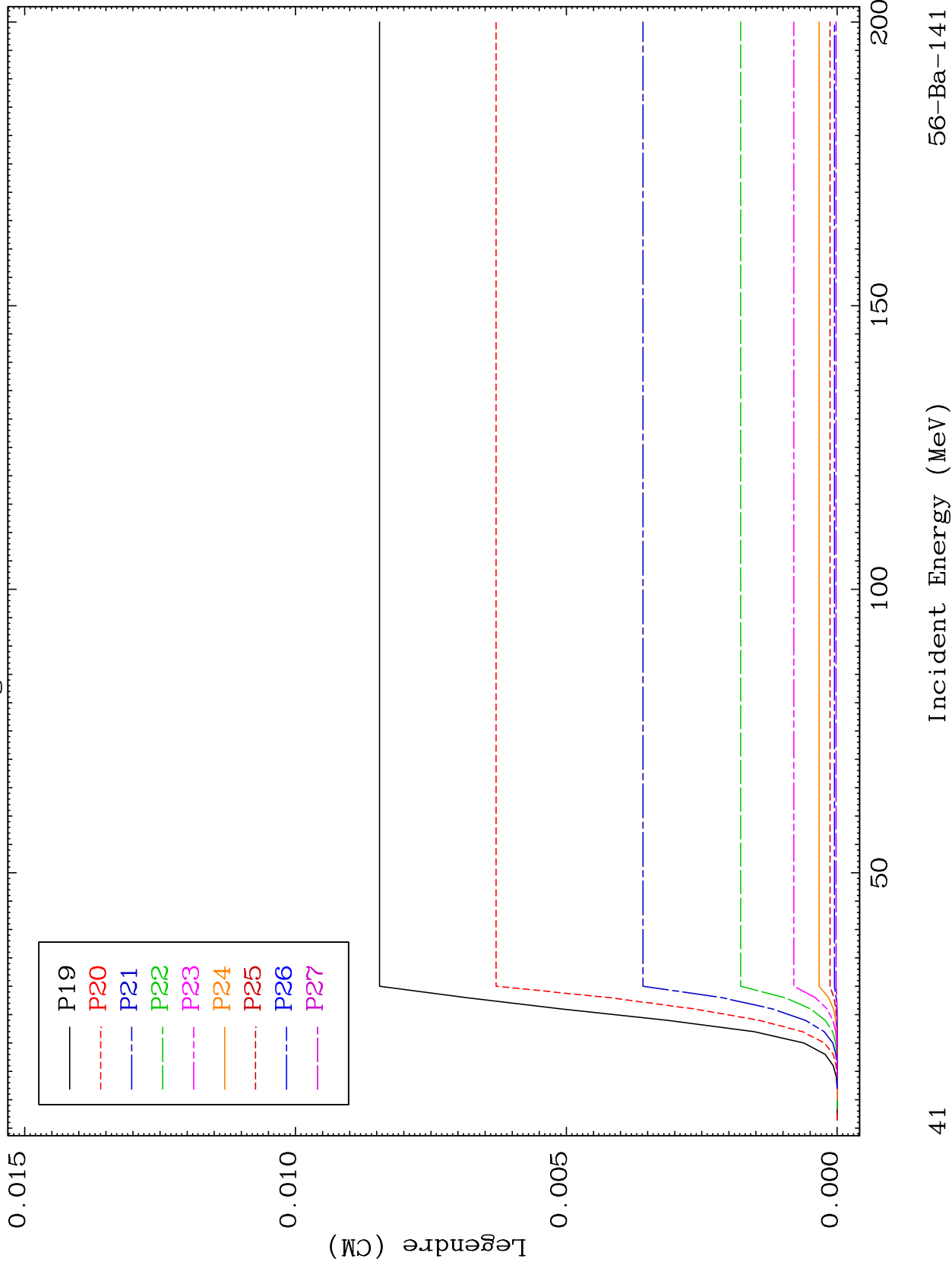
56-Ba-141



MAT 5658

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

56-Ba-141



41

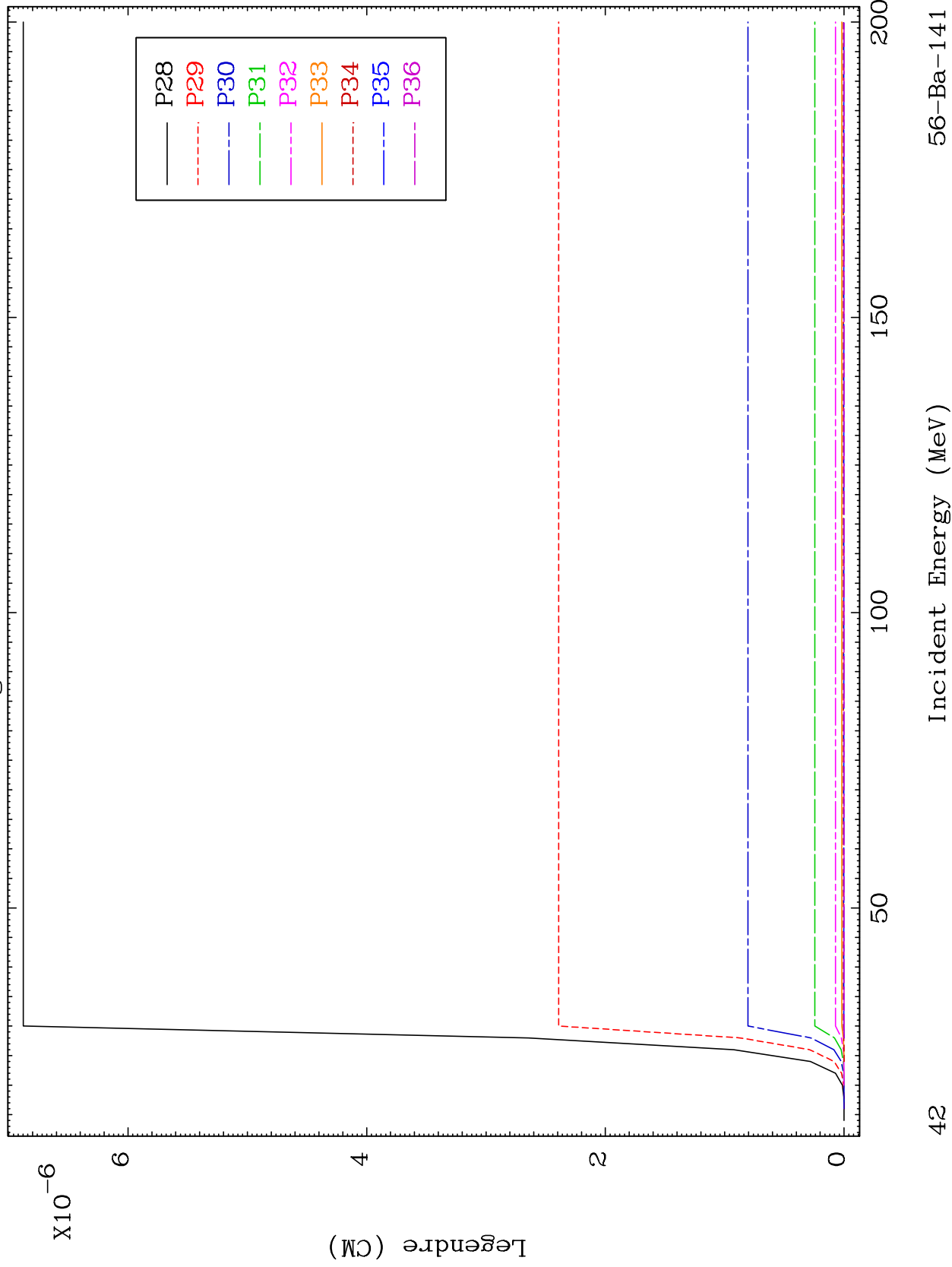
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



42

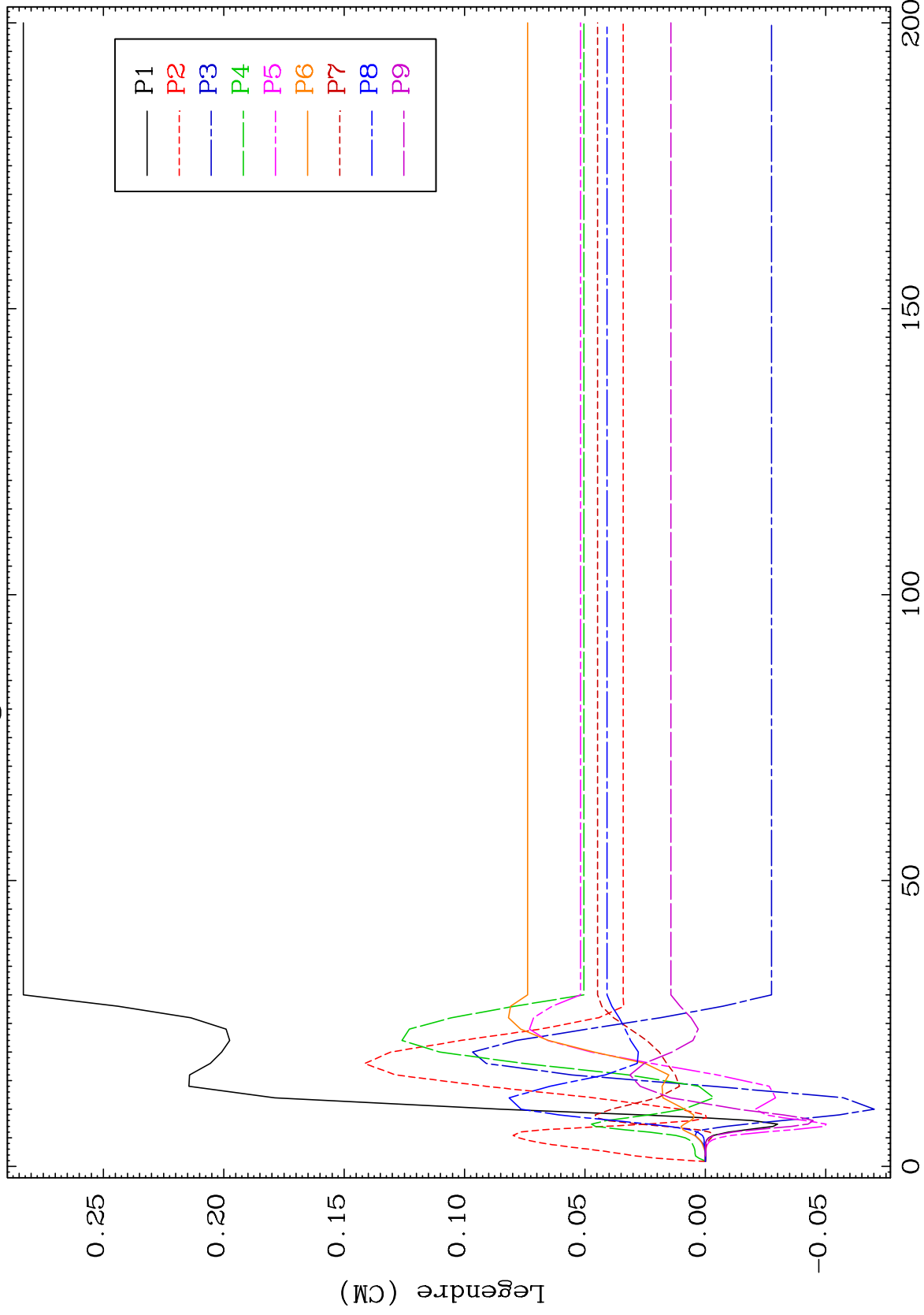
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



43

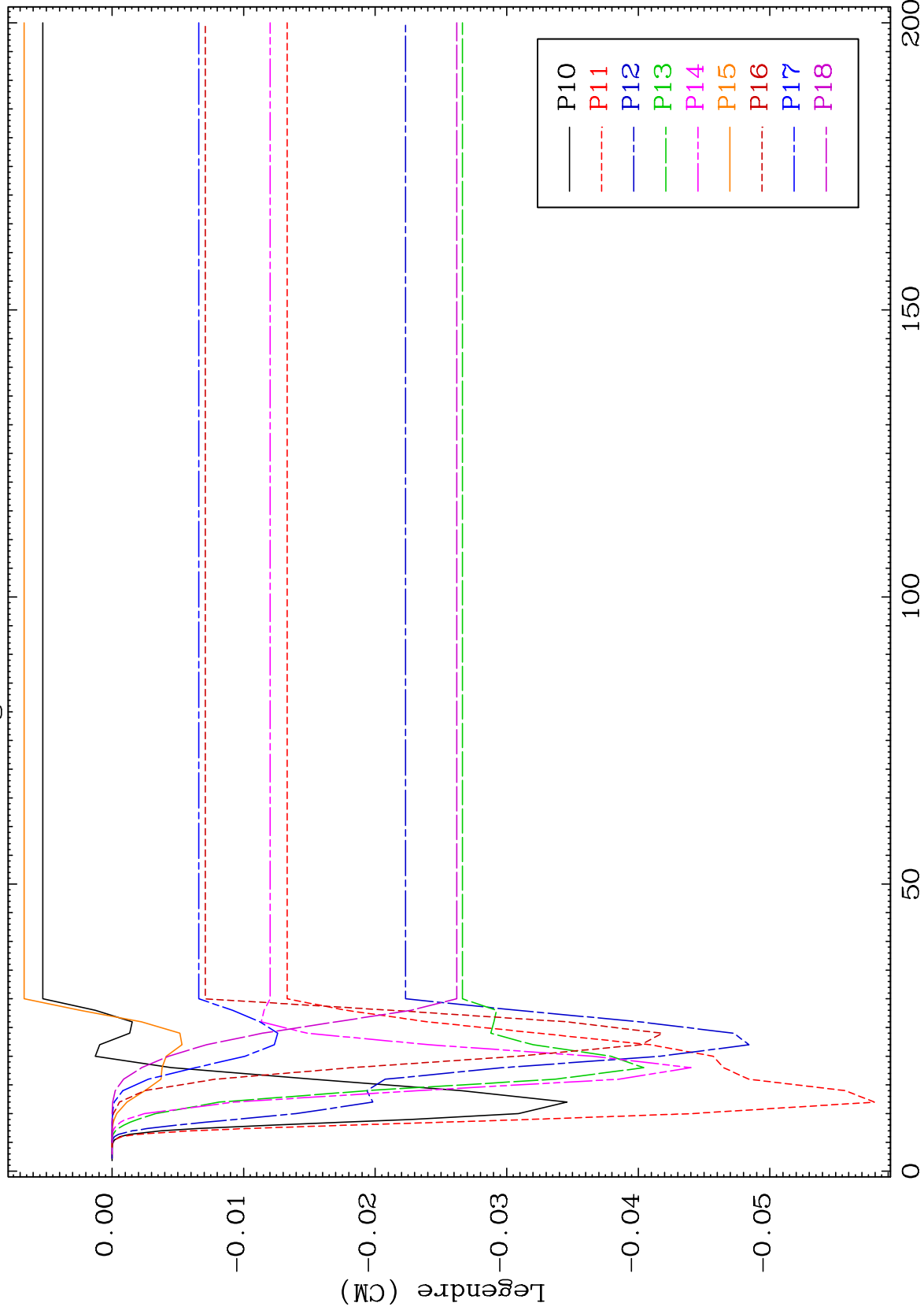
Incident Energy (MeV)

56-Ba-141

MAT 5658

56-Ba-141

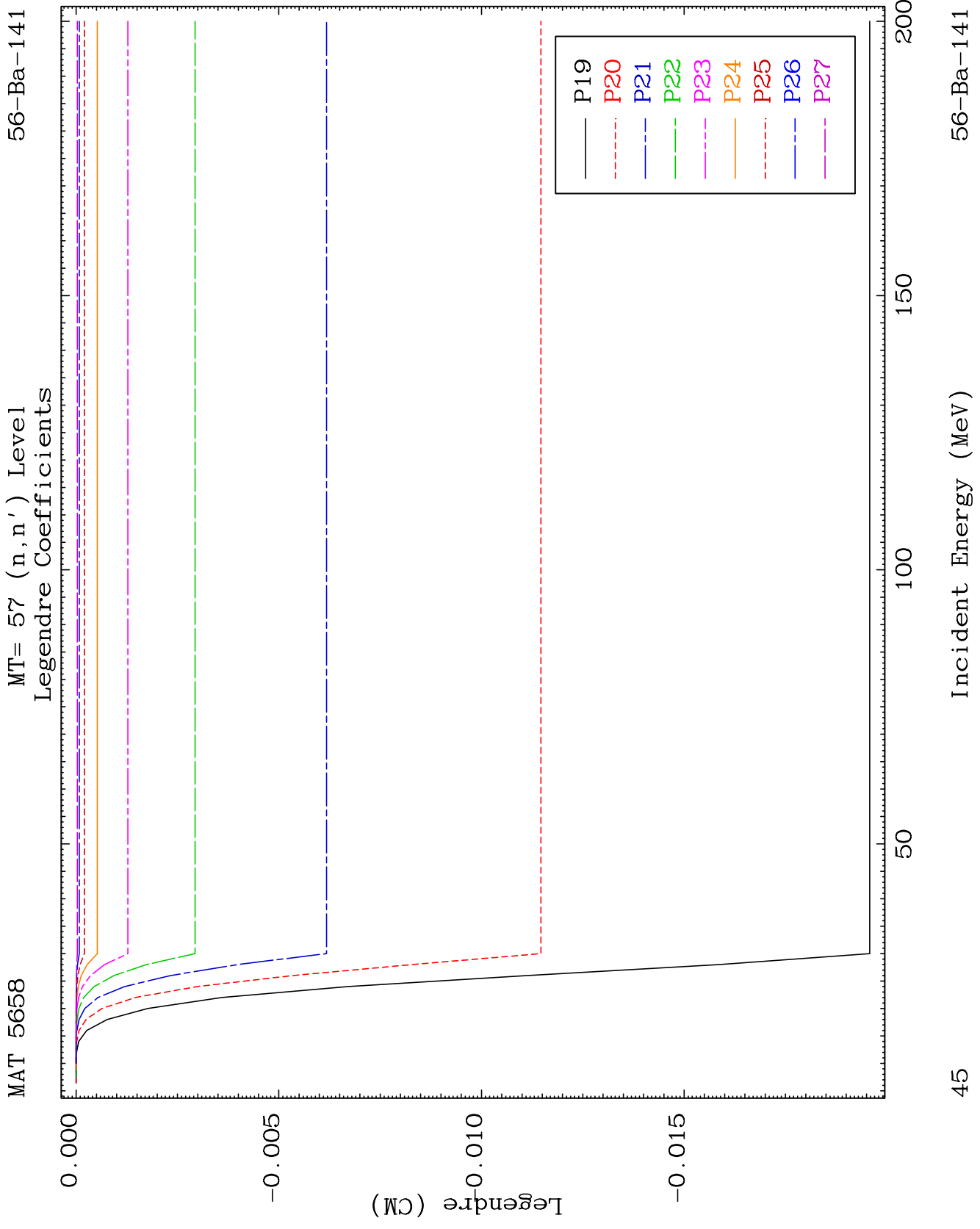
MT= 57 (n,n') Level  
Legendre Coefficients

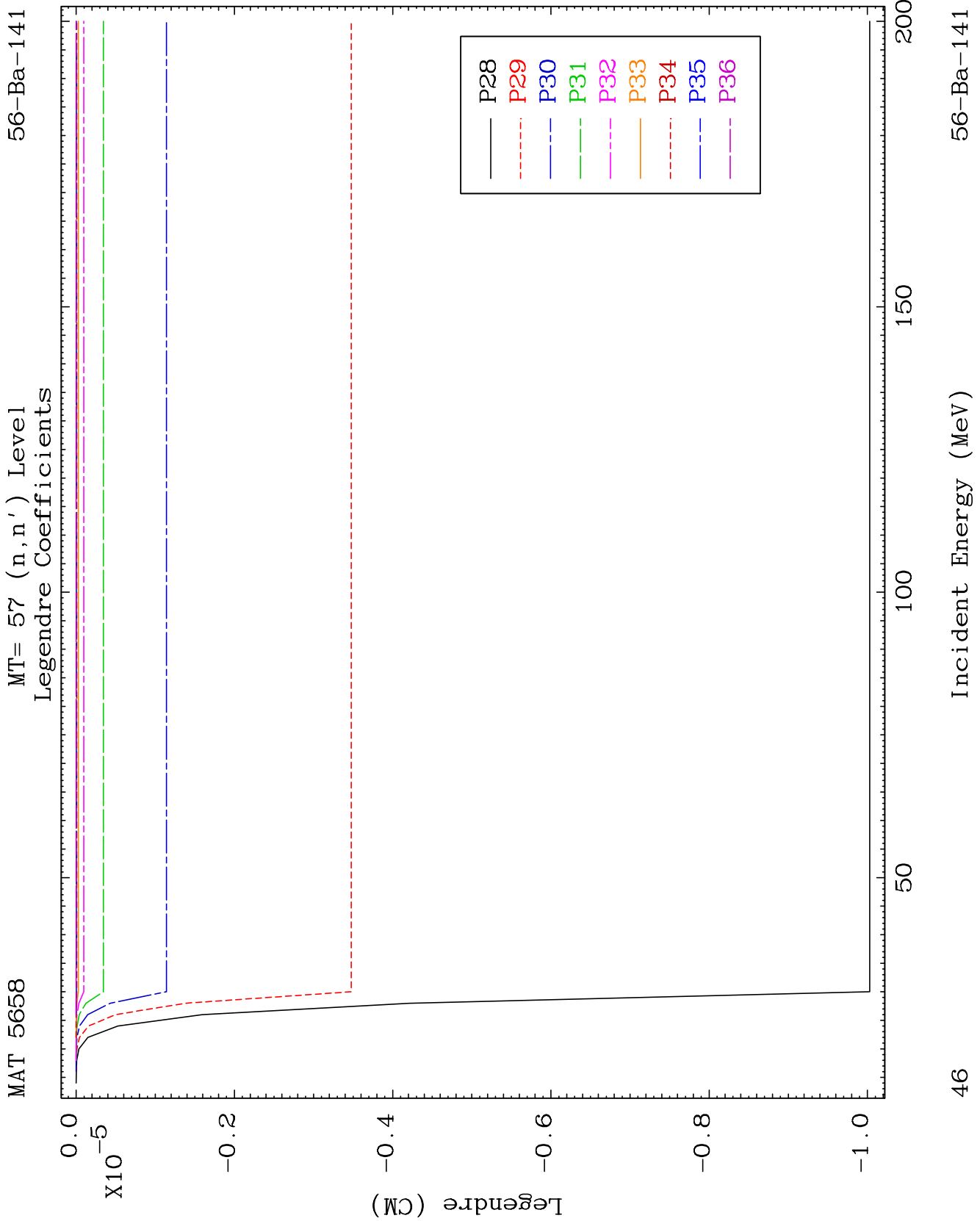


56-Ba-141

Incident Energy (MeV)

44

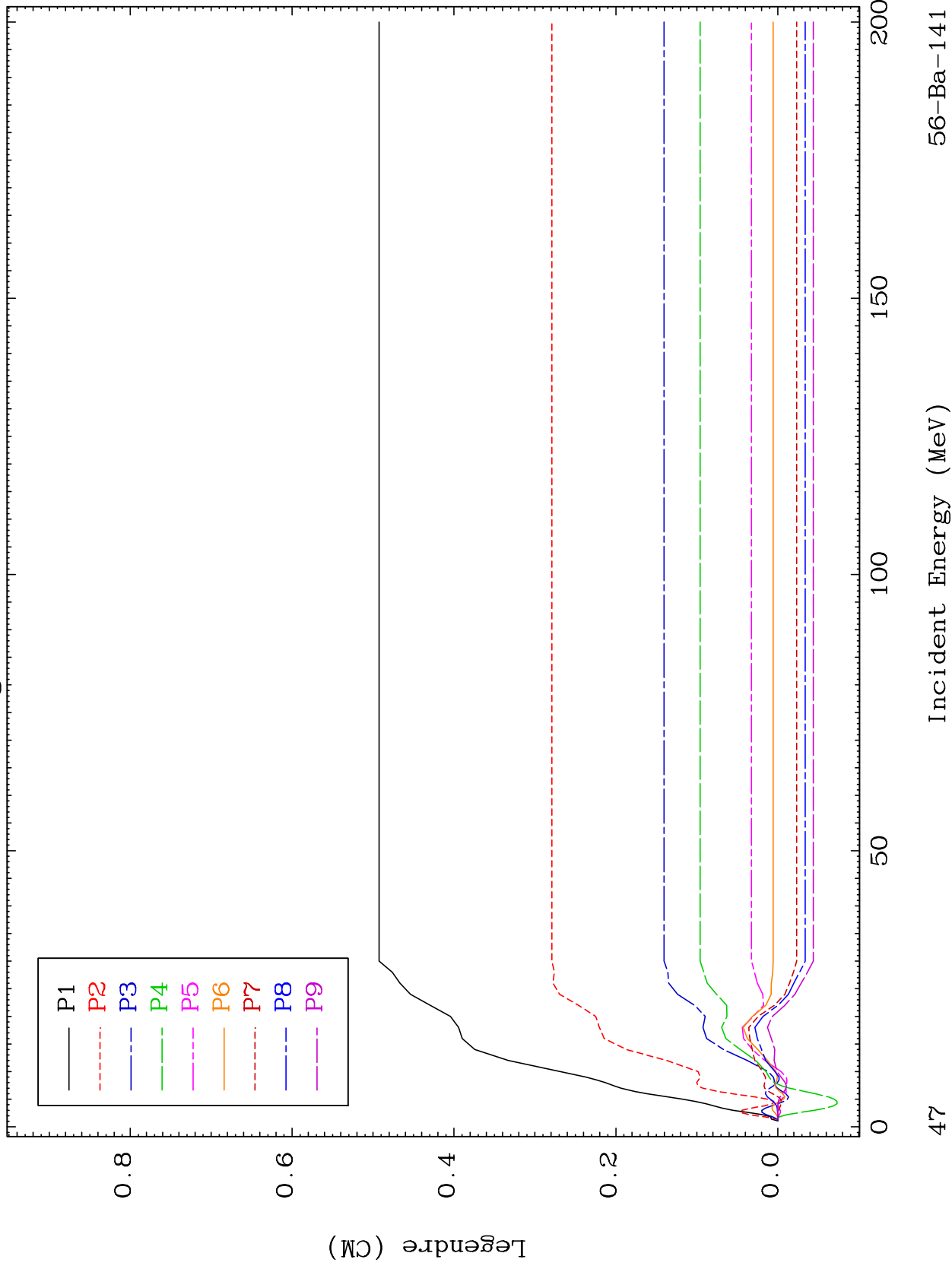




MAT 5658

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

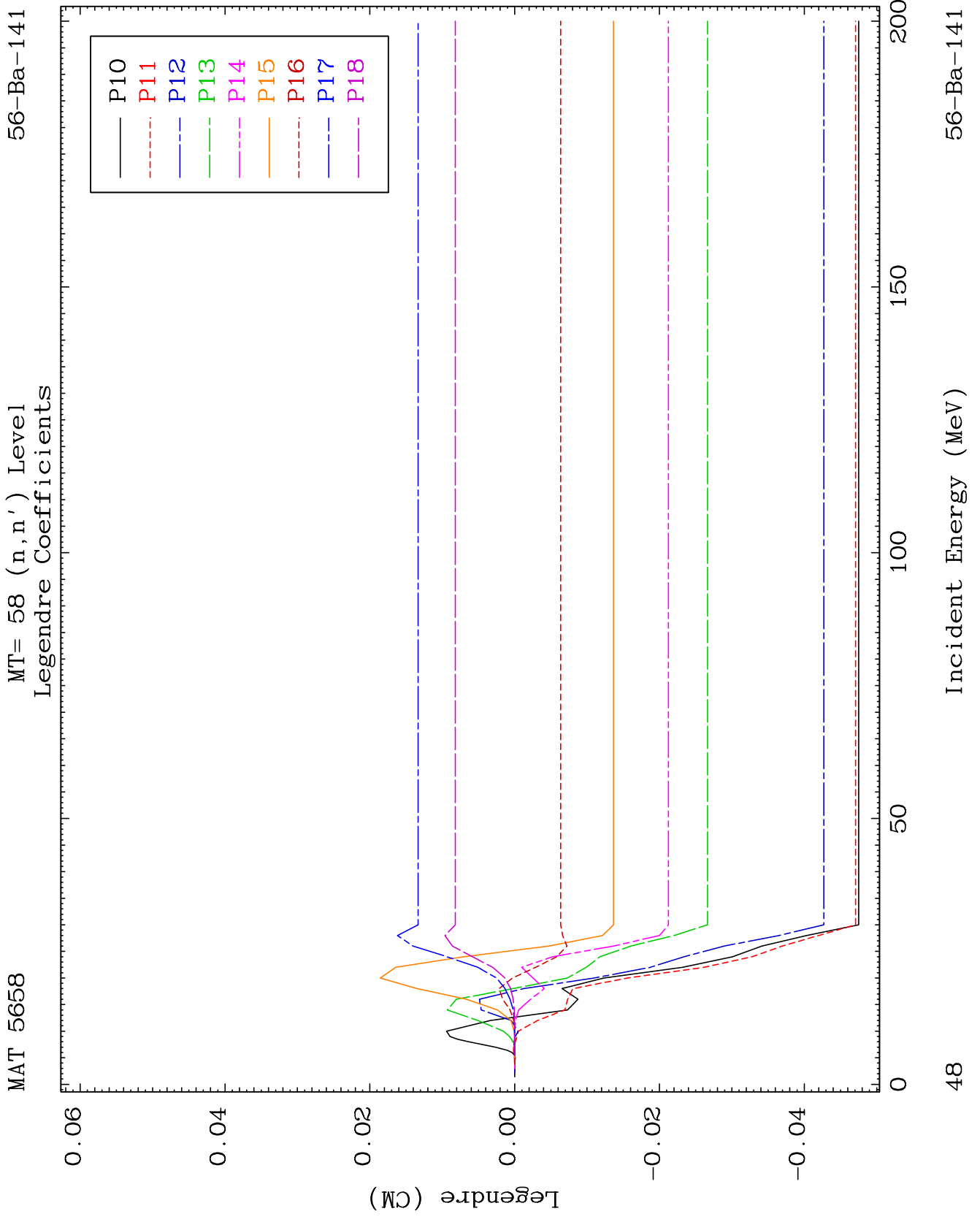
56-Ba-141



56-Ba-141

Incident Energy (MeV)

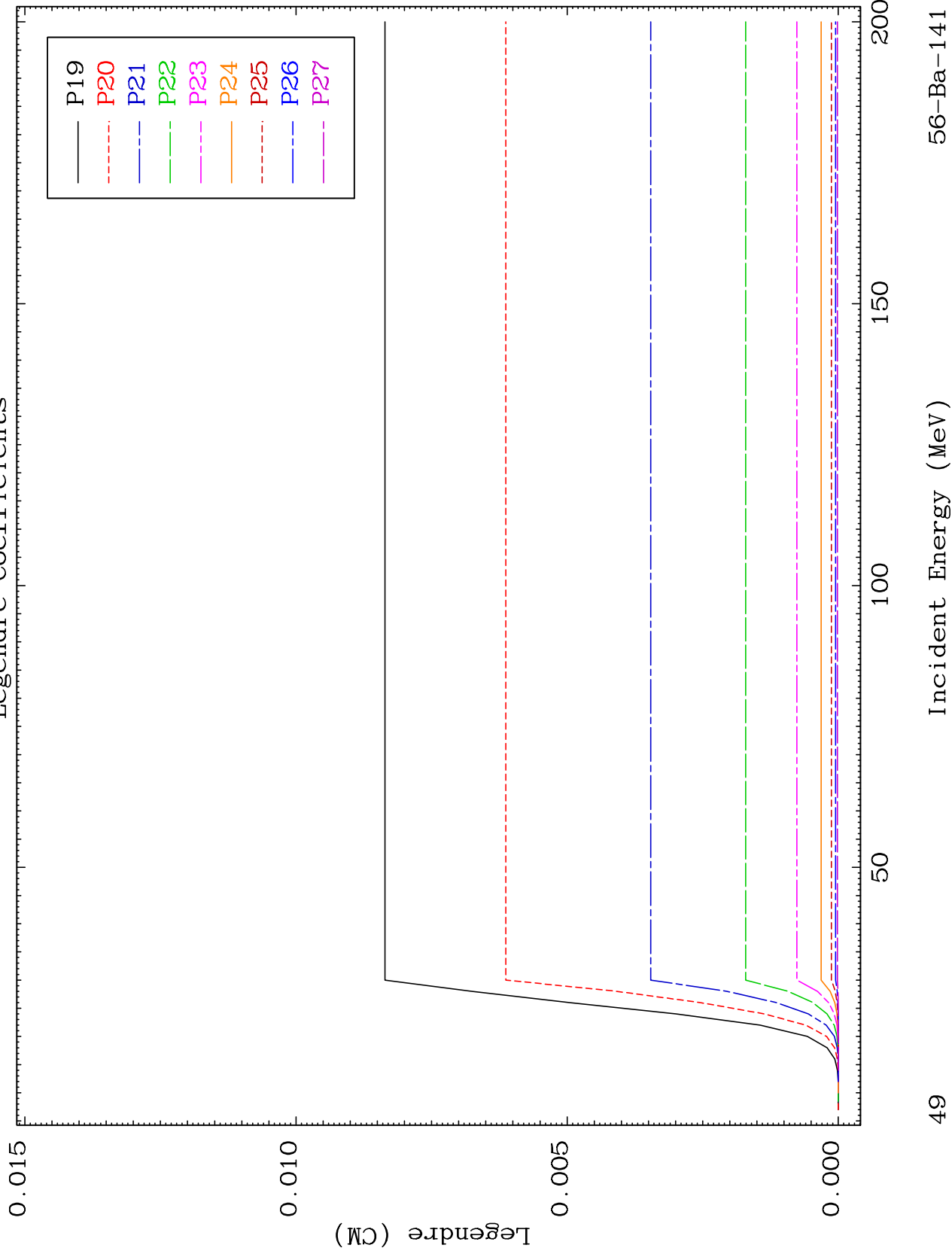
47



MAT 5658

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

56-Ba-141



49

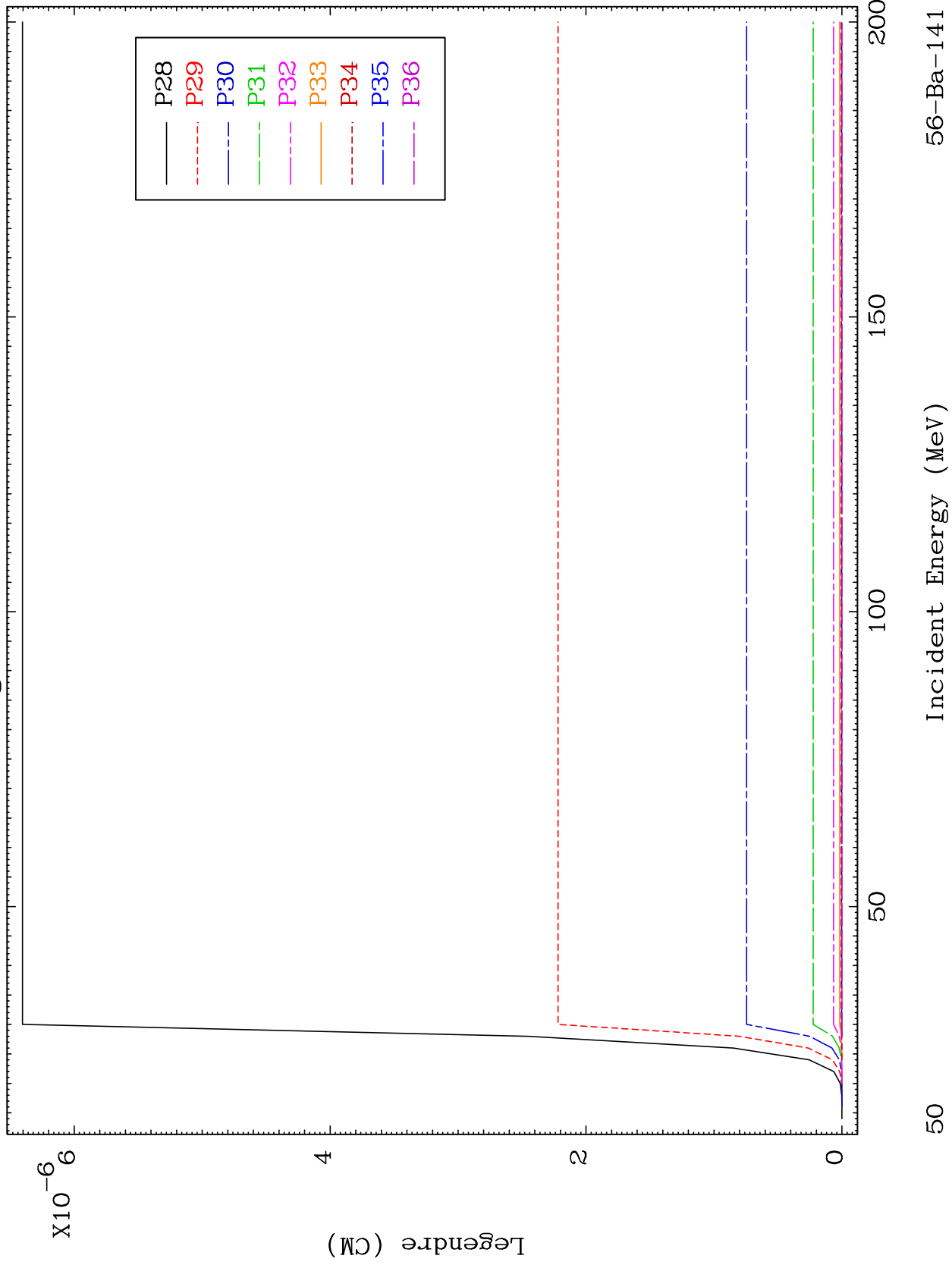
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

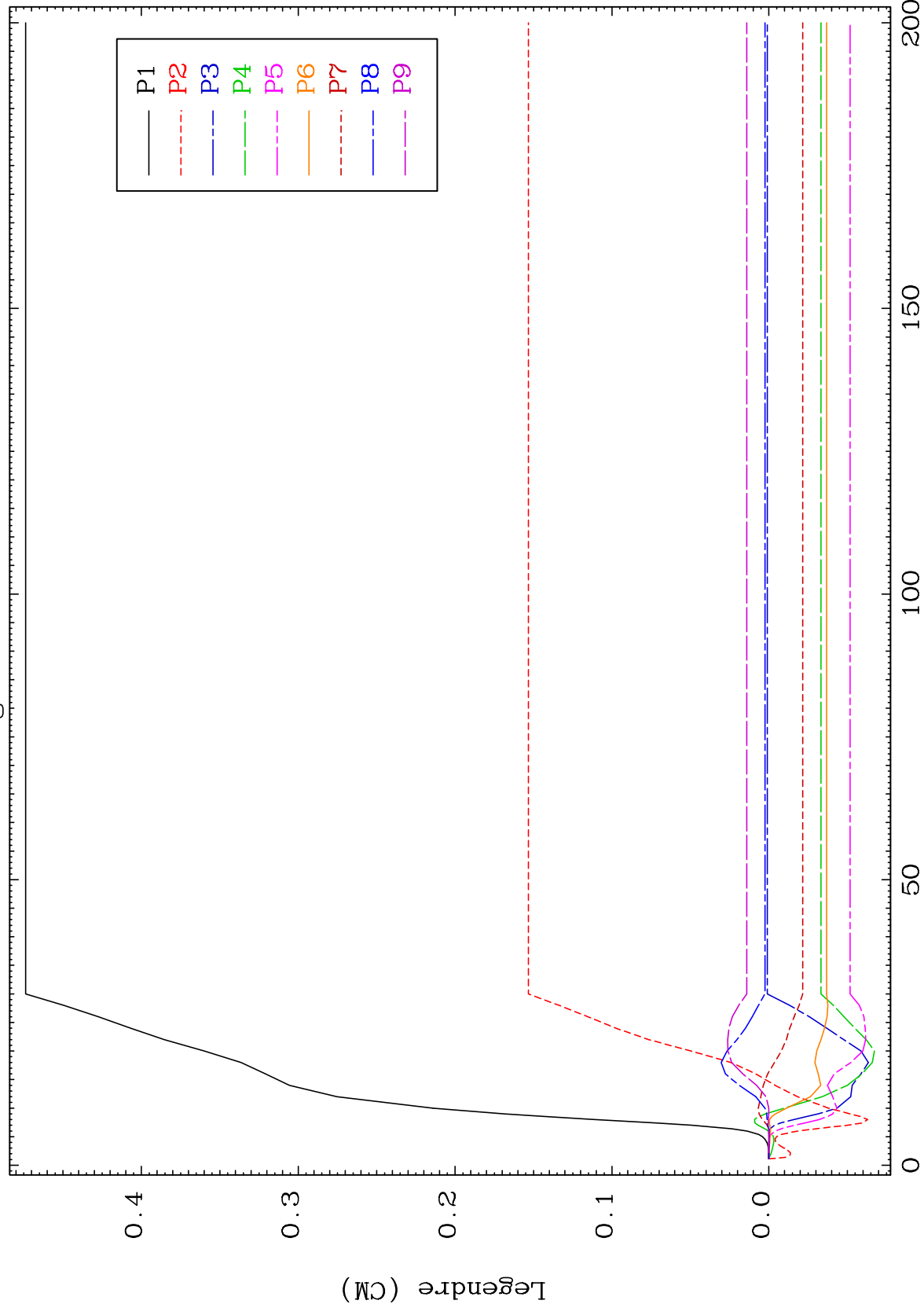
56-Ba-141



MAT 5658

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

56-Ba-141



56-Ba-141

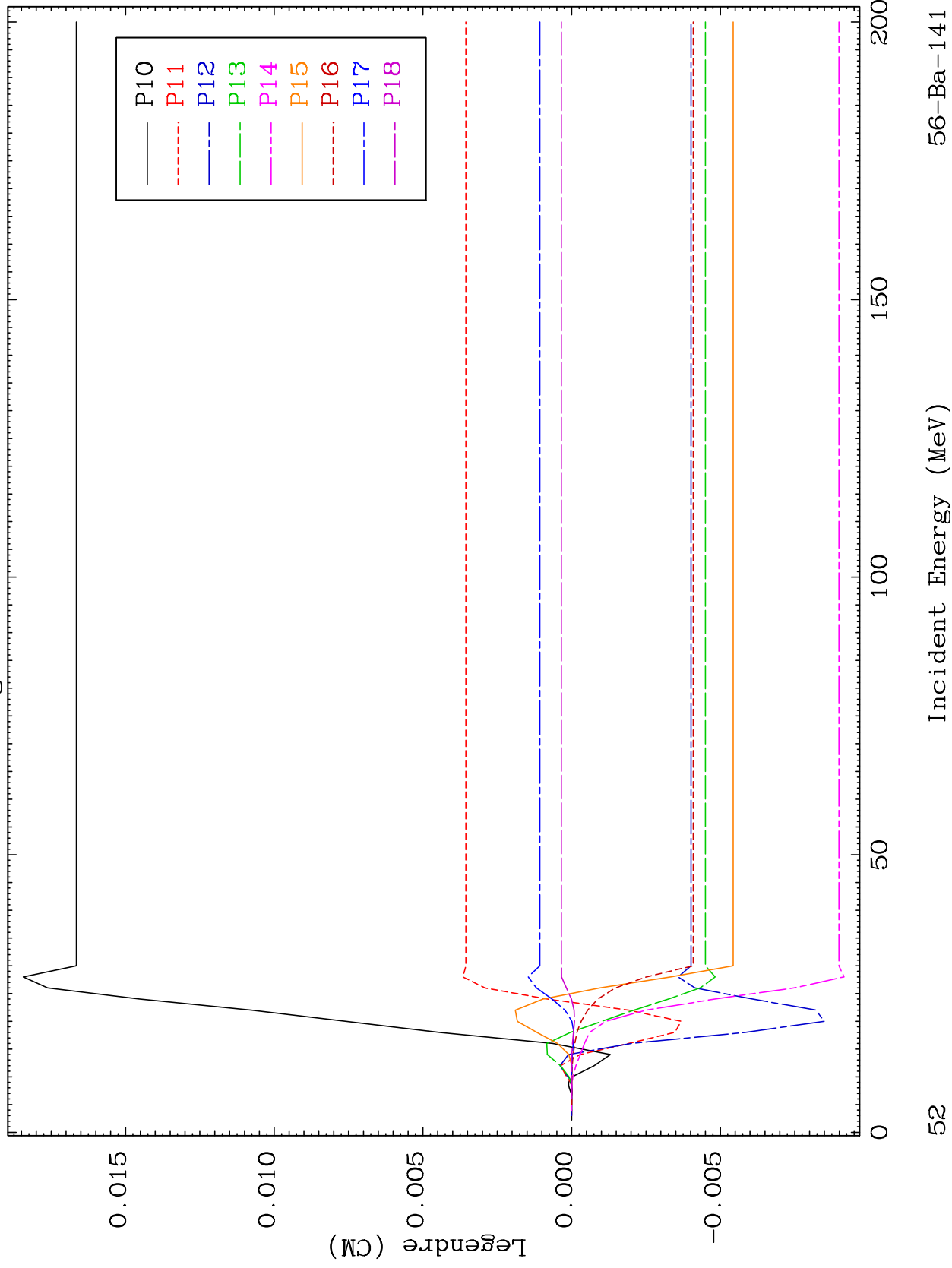
Incident Energy (MeV)

51

MAT 5658

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

56-Ba-141



52

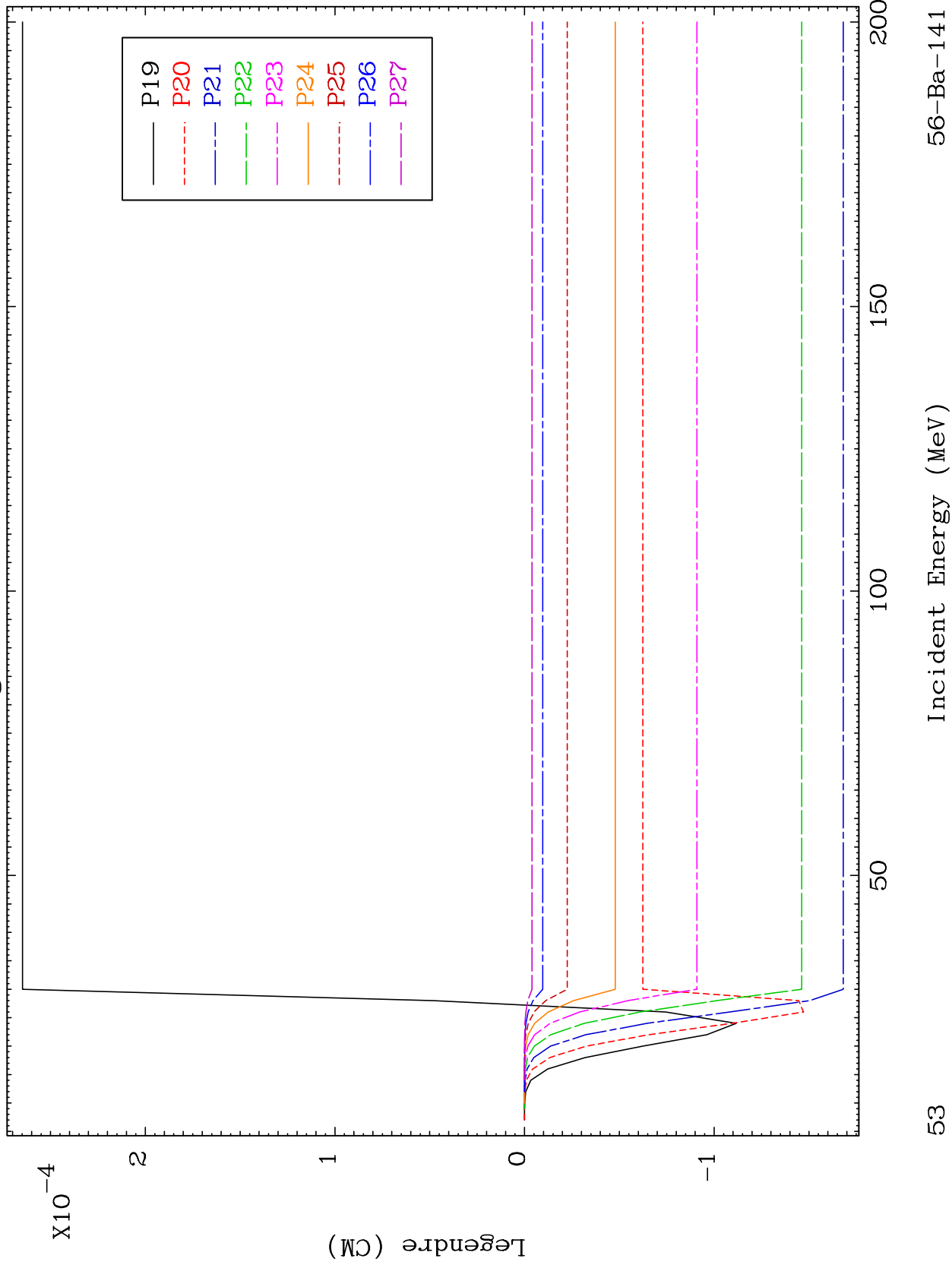
Incident Energy (MeV)

56-Ba-141

MAT 5658

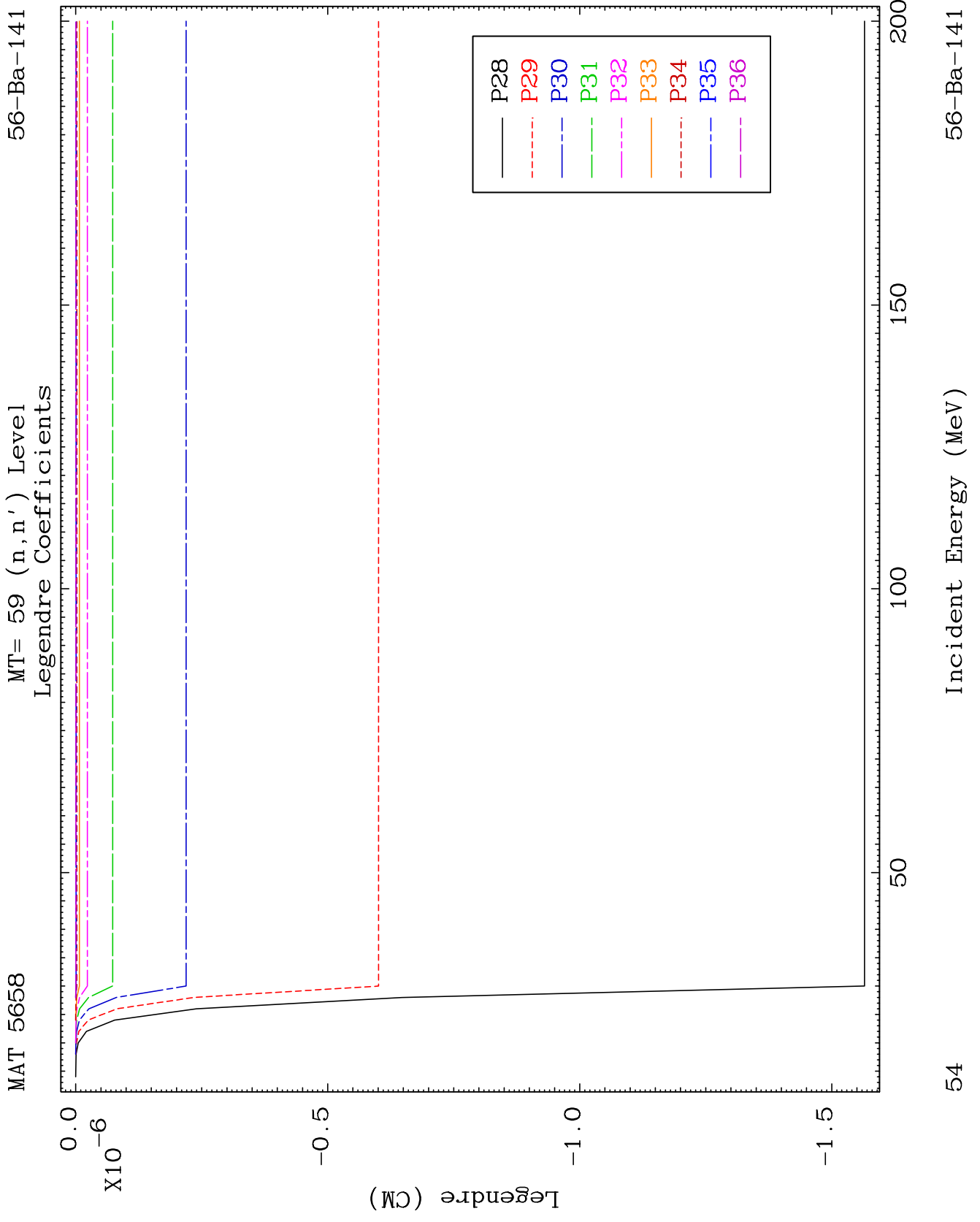
MT= 59 (n,n') Level  
Legendre Coefficients

56-Ba-141



53

56-Ba-141

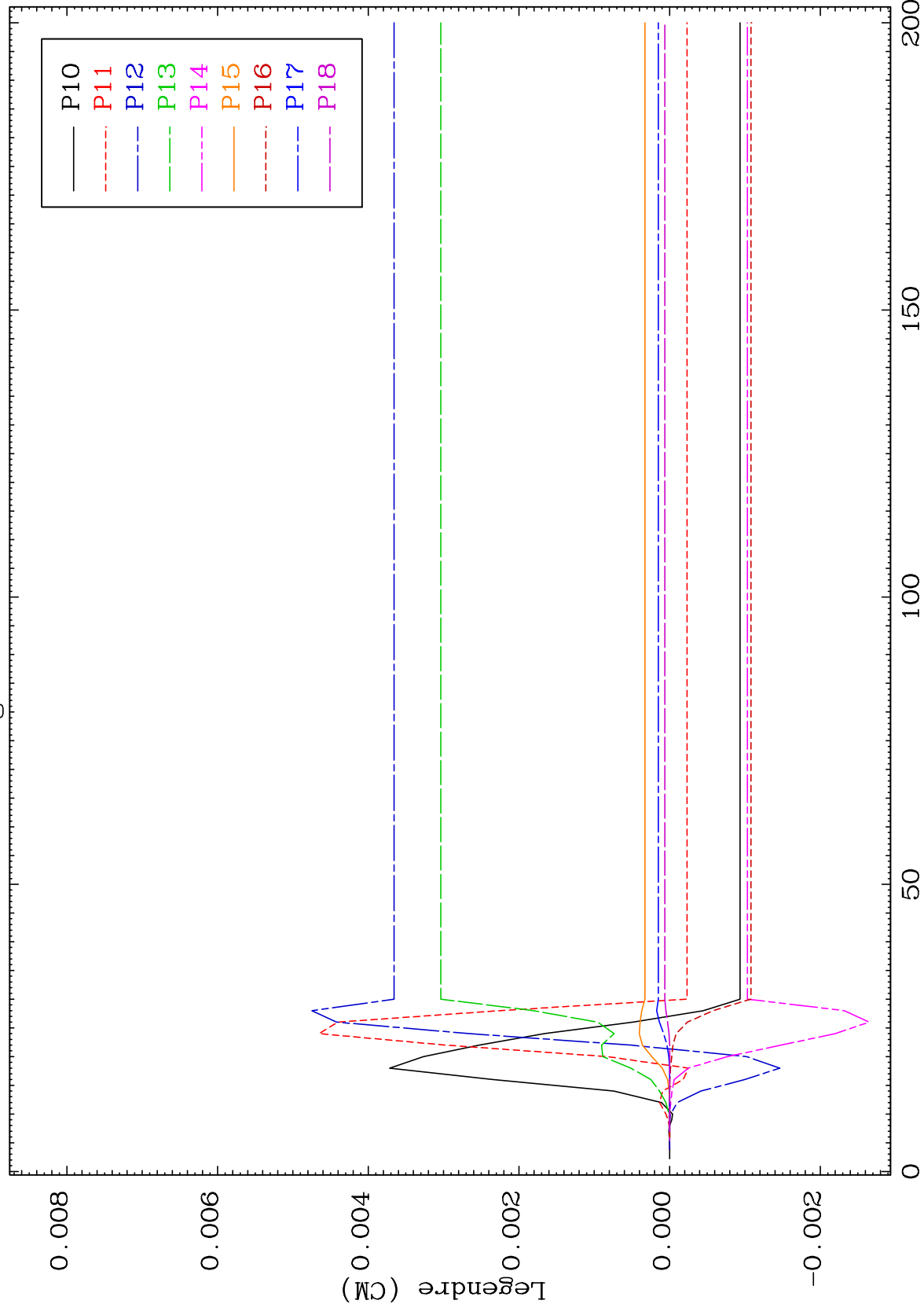




MAT 5658

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

56-Ba-141



56

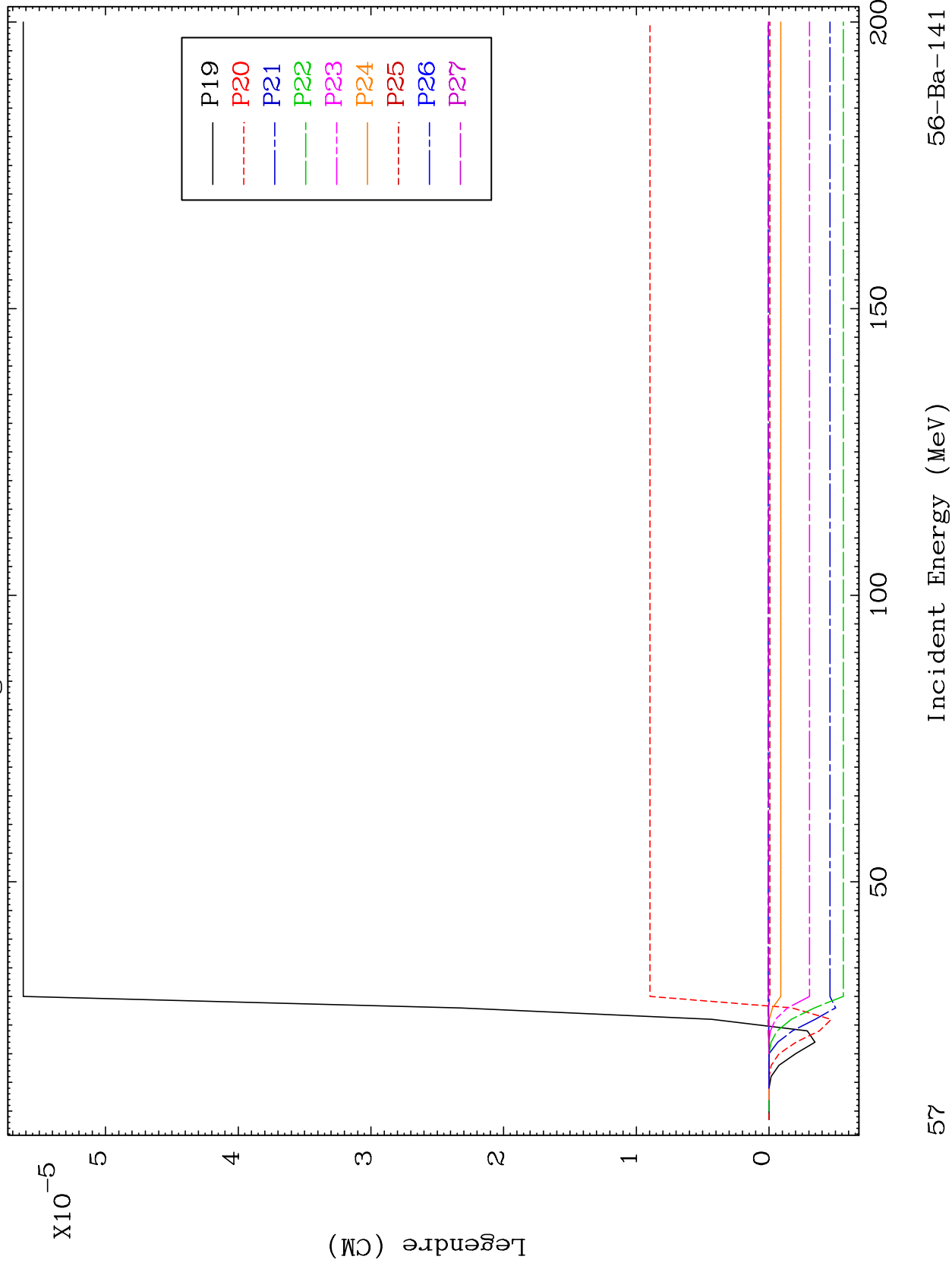
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



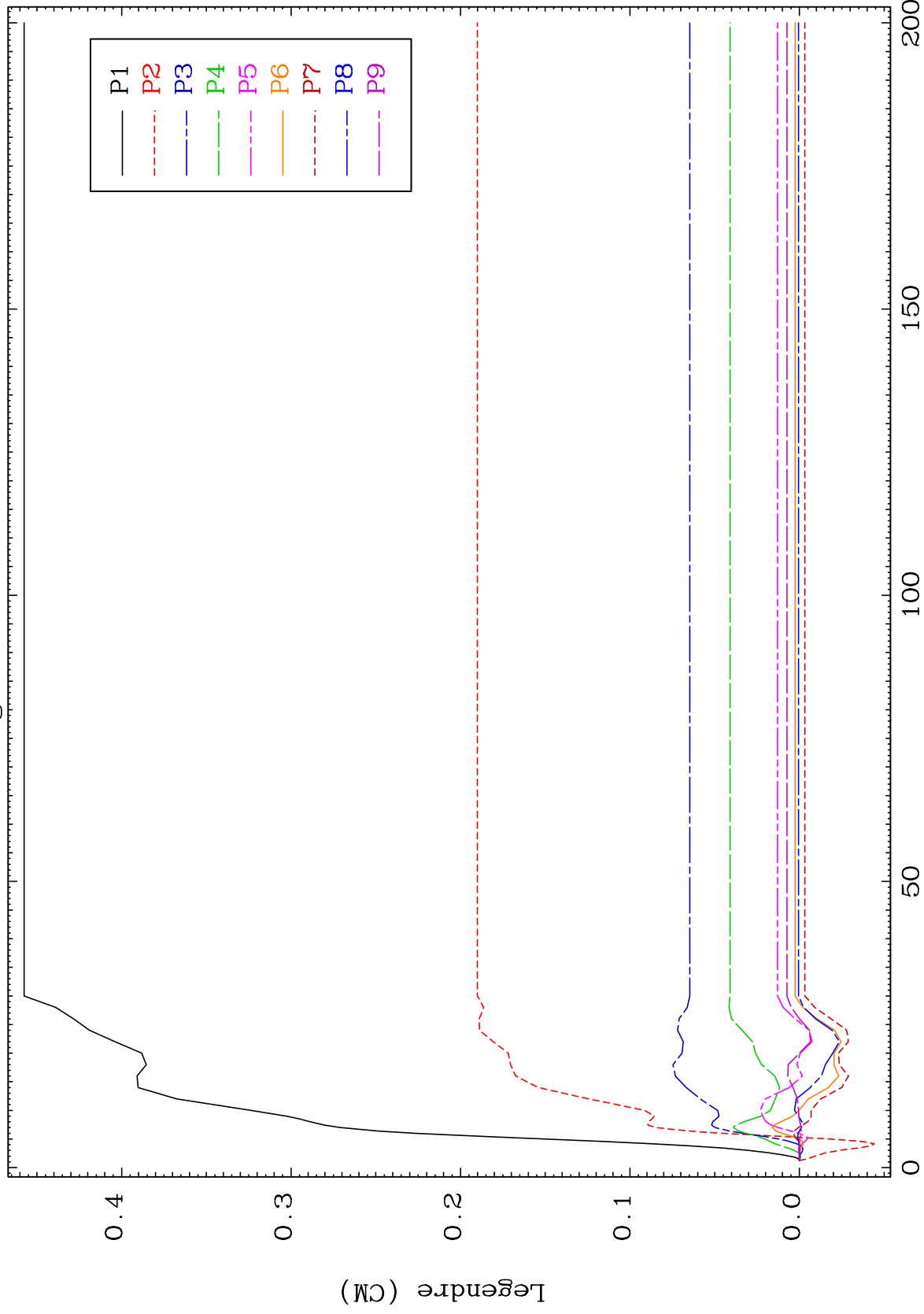
57



MAT 5658

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

56-Ba-141



59

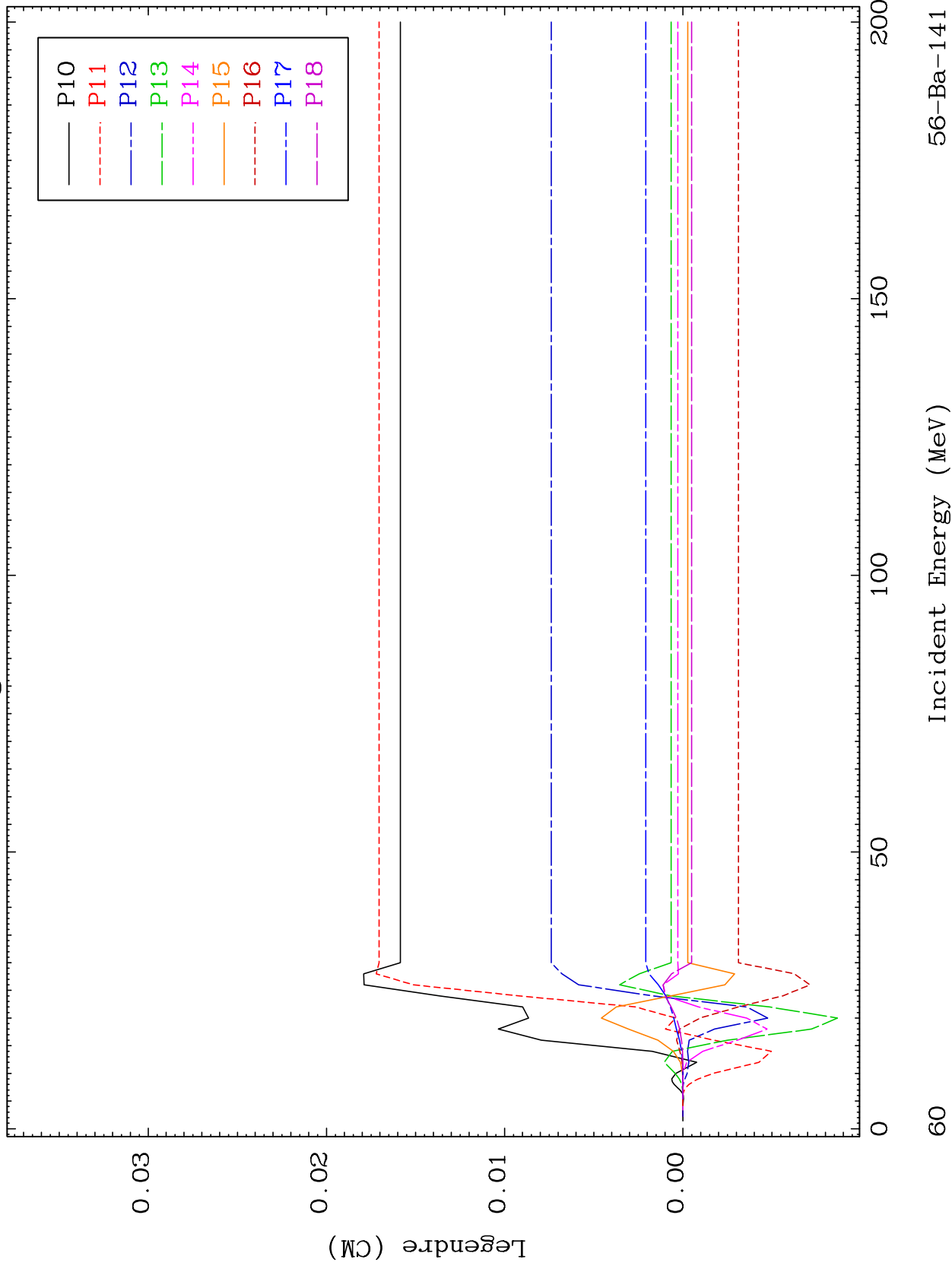
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

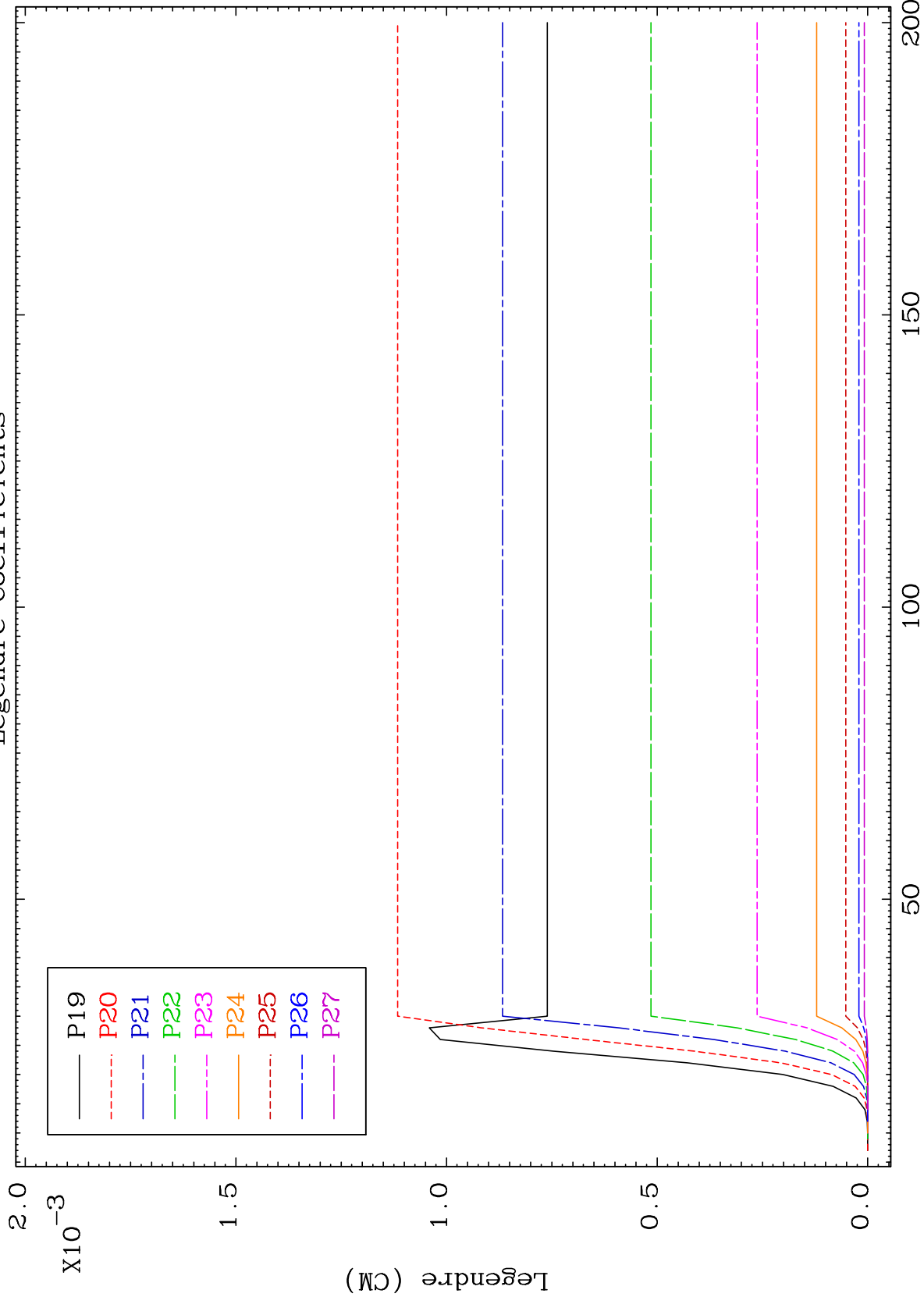
56-Ba-141



MAT 5658

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

56-Ba-141



61

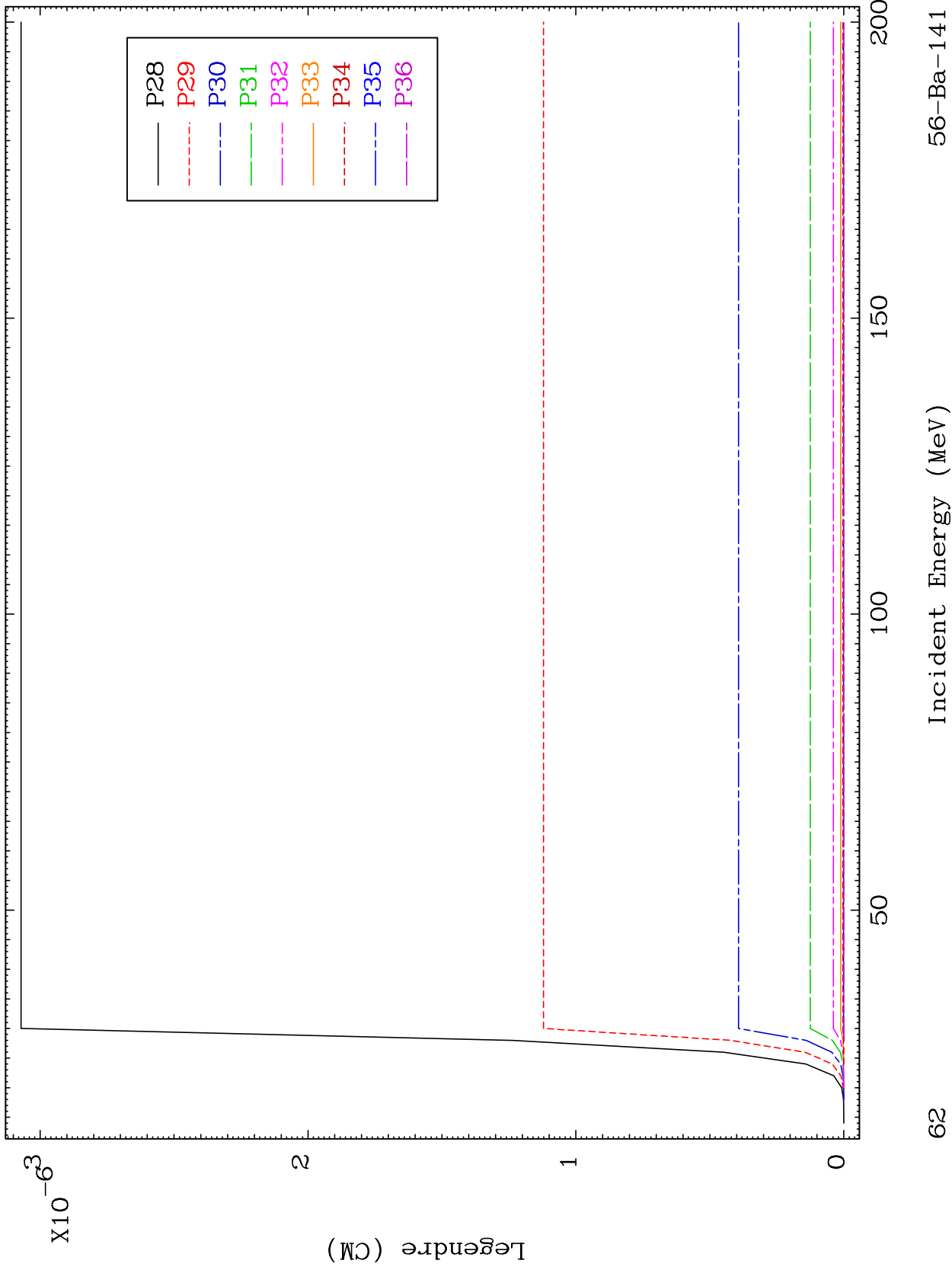
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



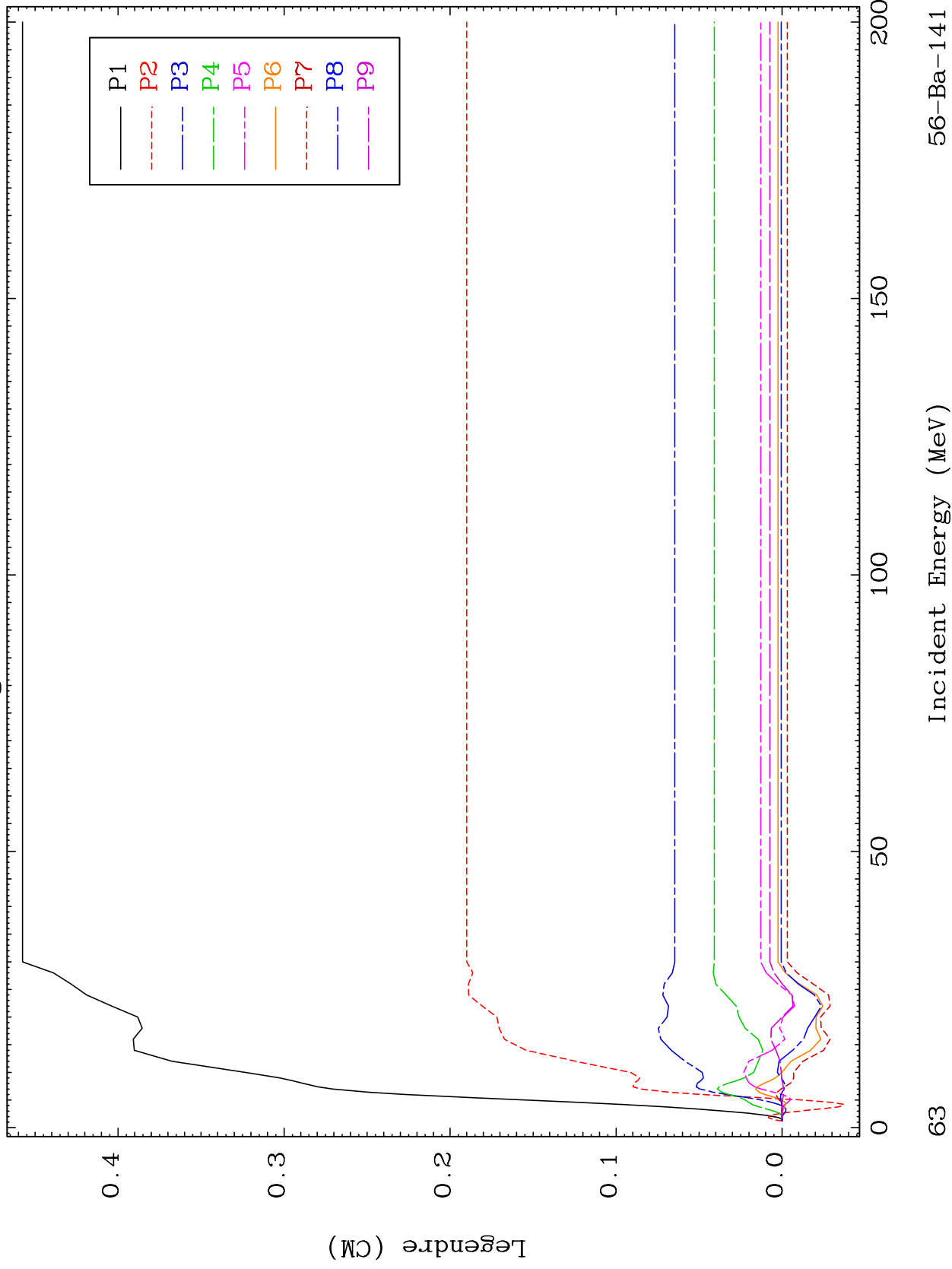
62

56-Ba-141

MAT 5658

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

56-Ba-141



56-Ba-141

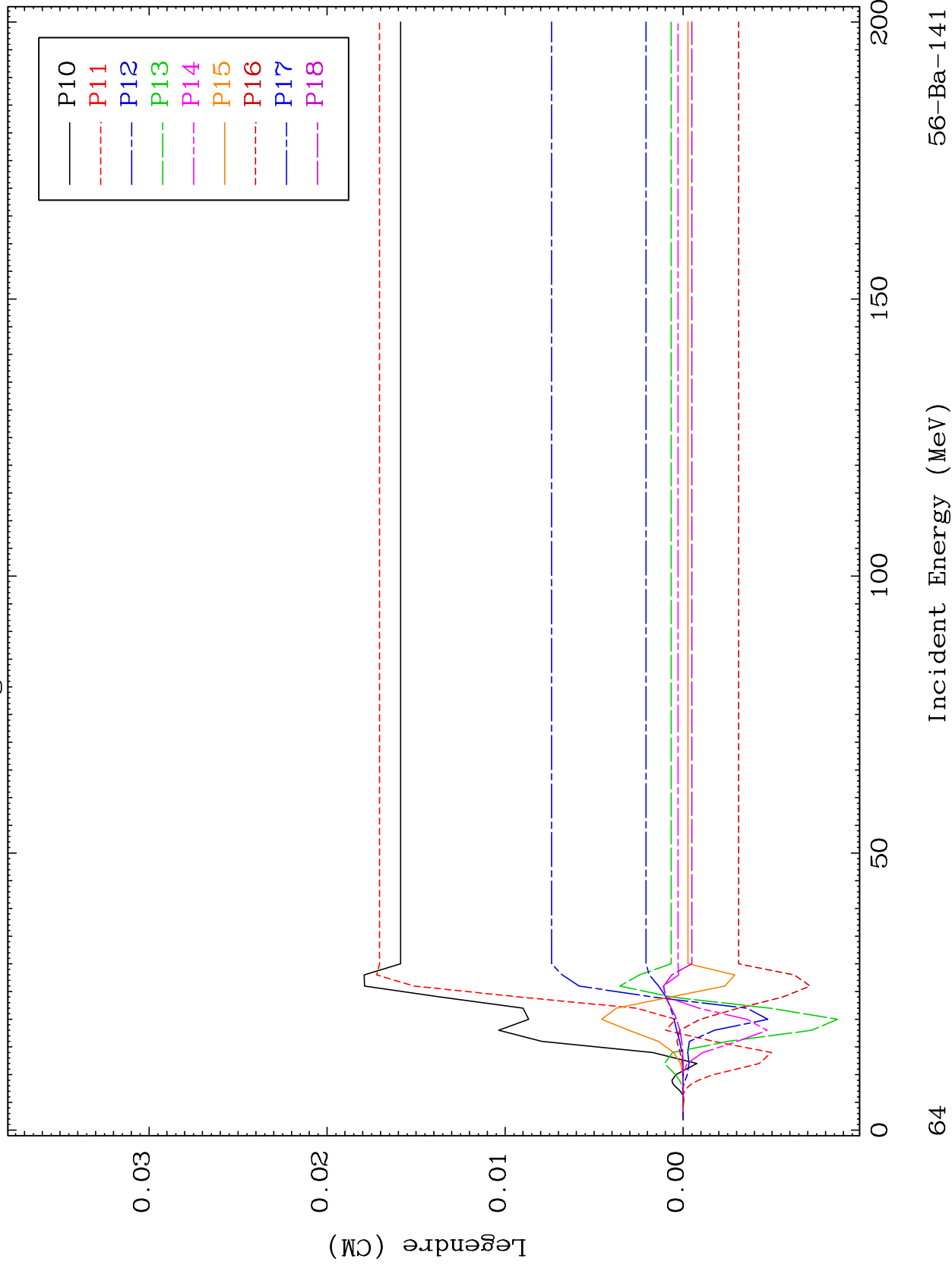
Incident Energy (MeV)

63

MAT 5658

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

56-Ba-141



56-Ba-141

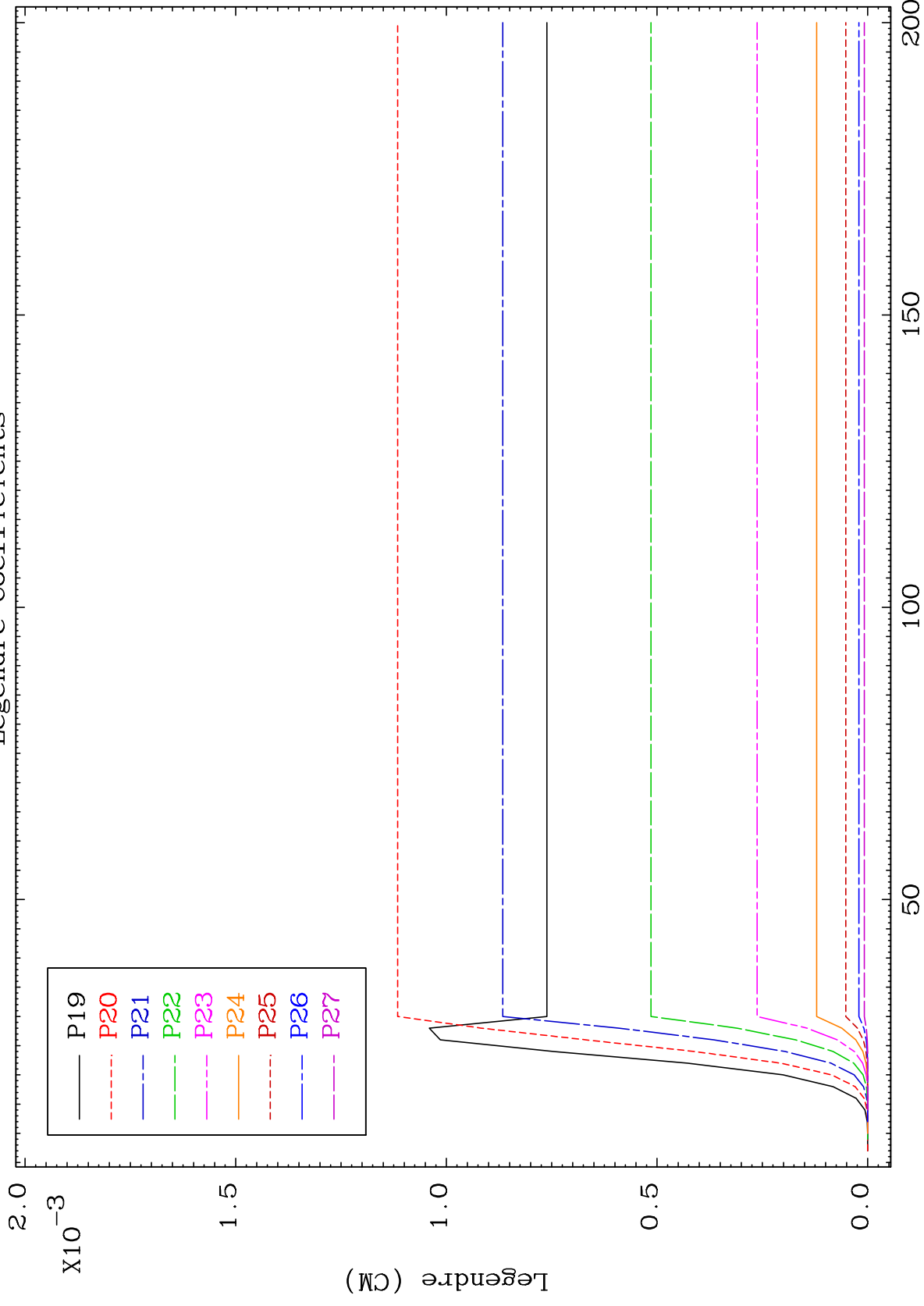
Incident Energy (MeV)

64

MAT 5658

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

56-Ba-141



65

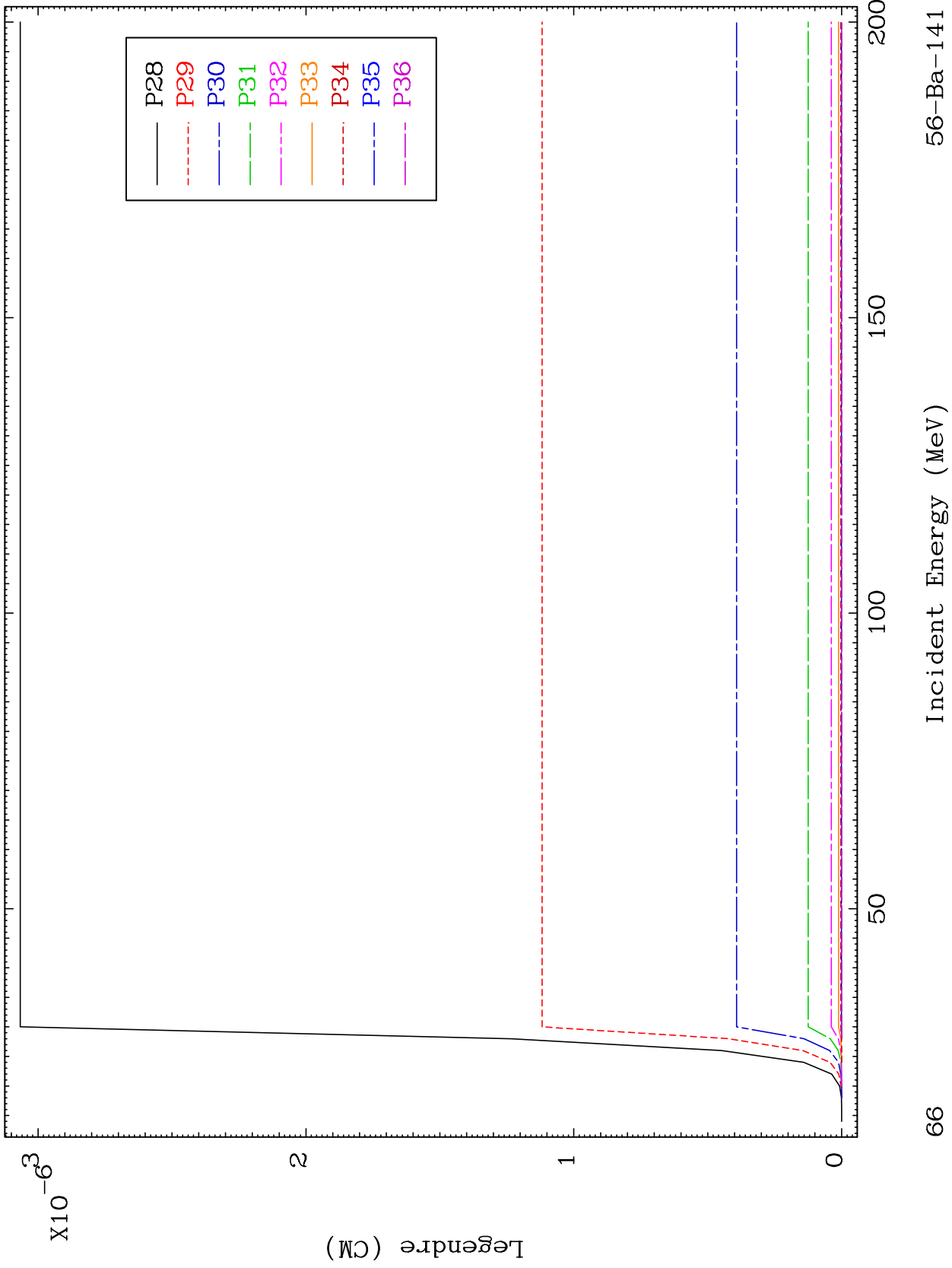
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

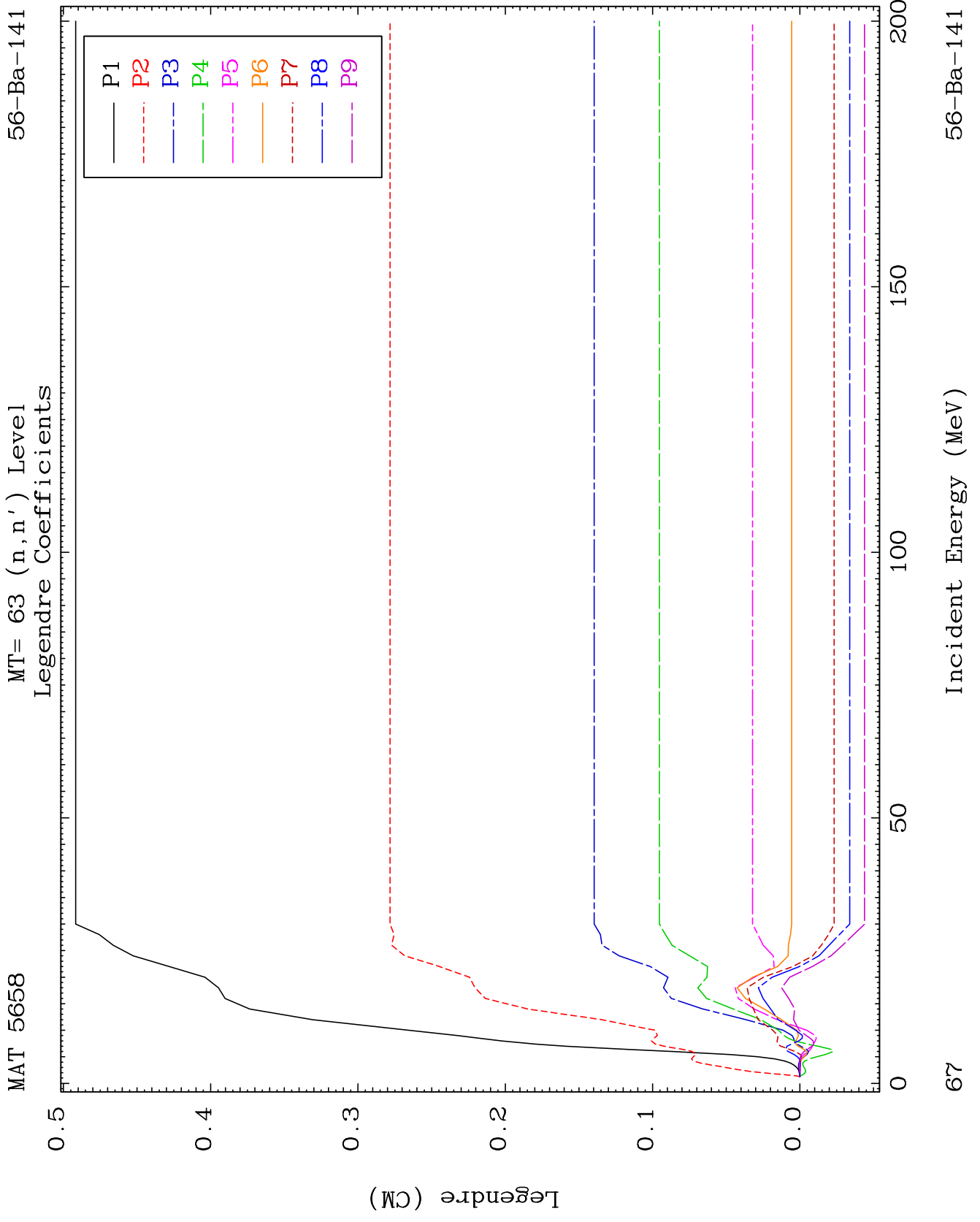
56-Ba-141

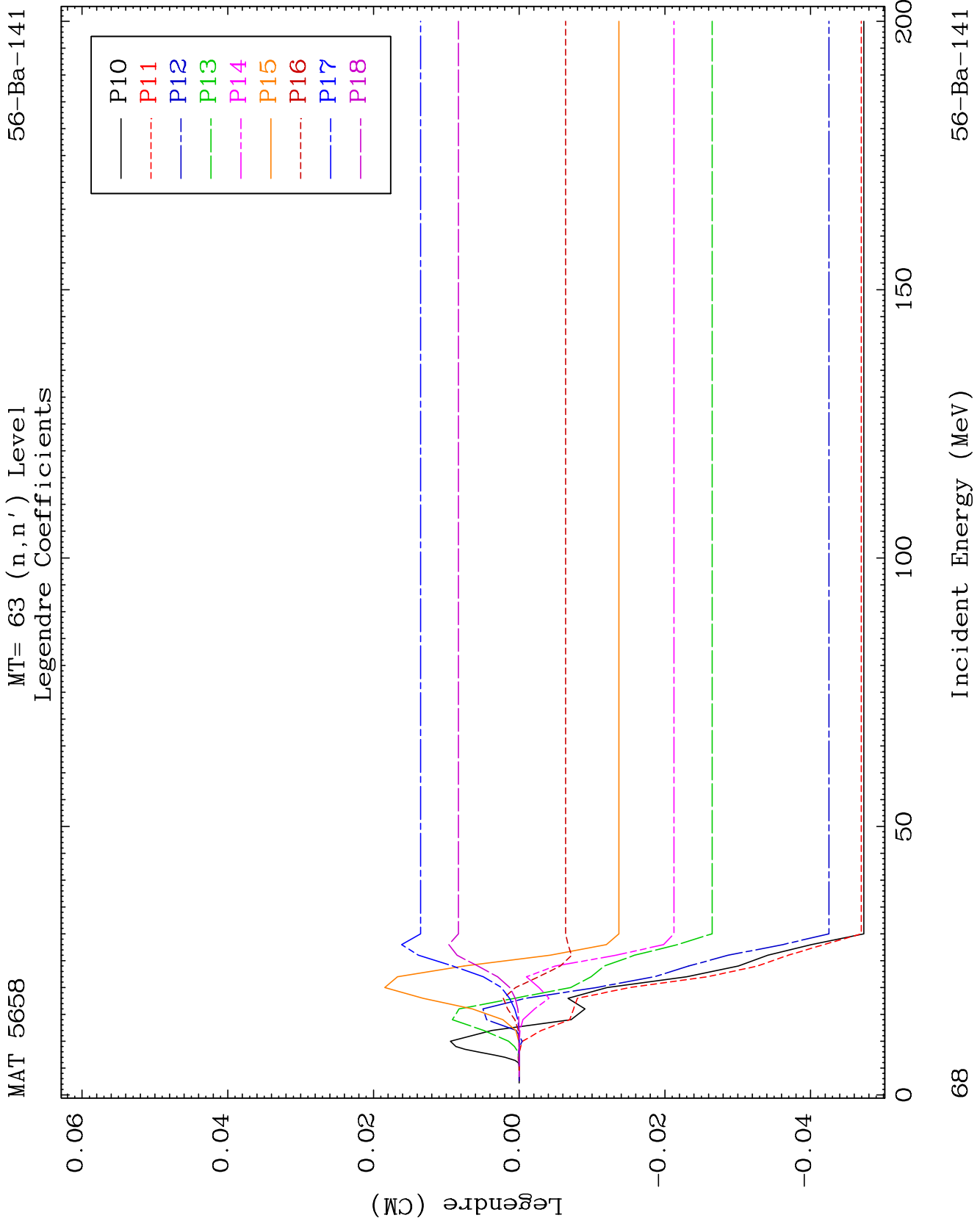


66

Incident Energy (MeV)

56-Ba-141

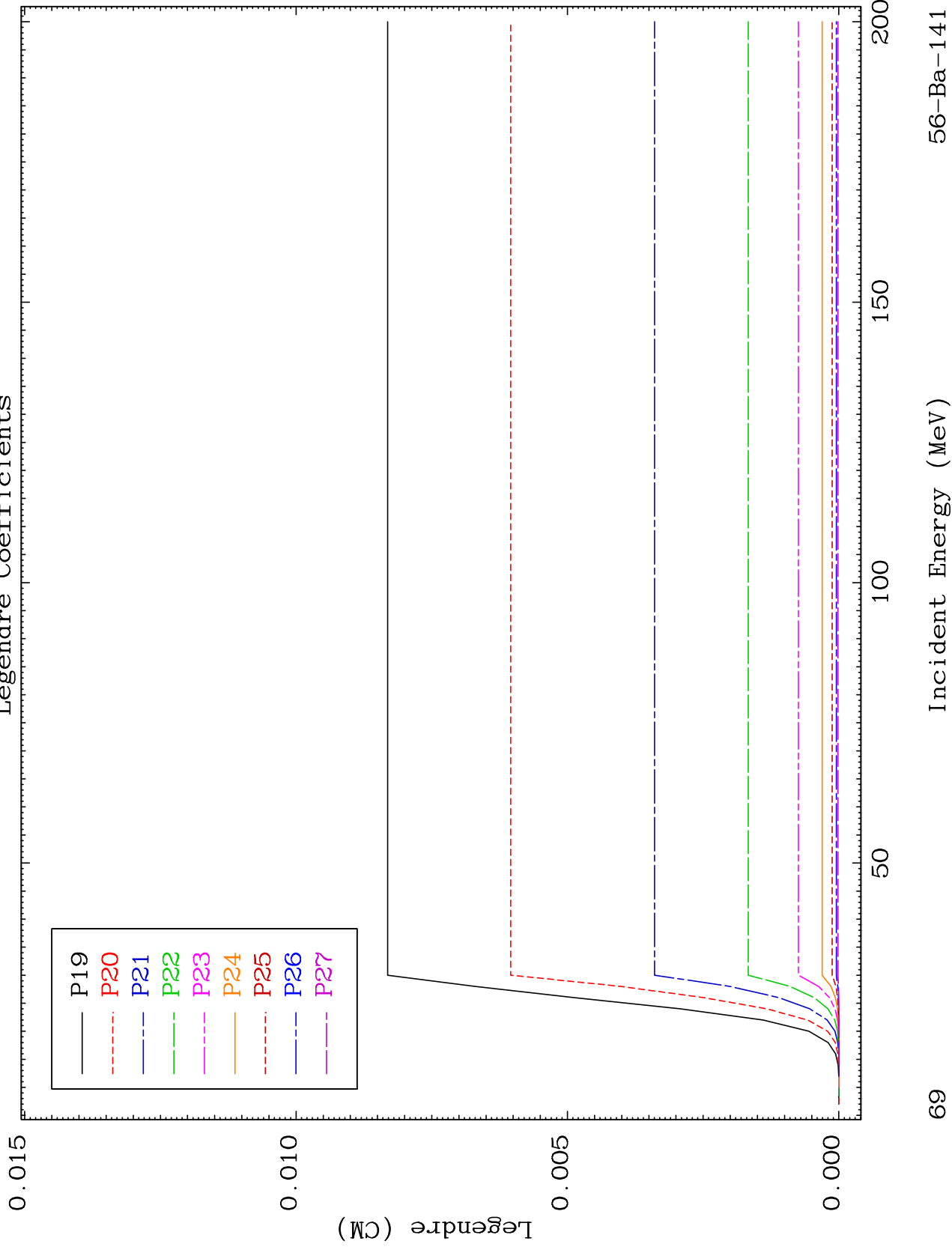




MAT 5658

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

56-Ba-141



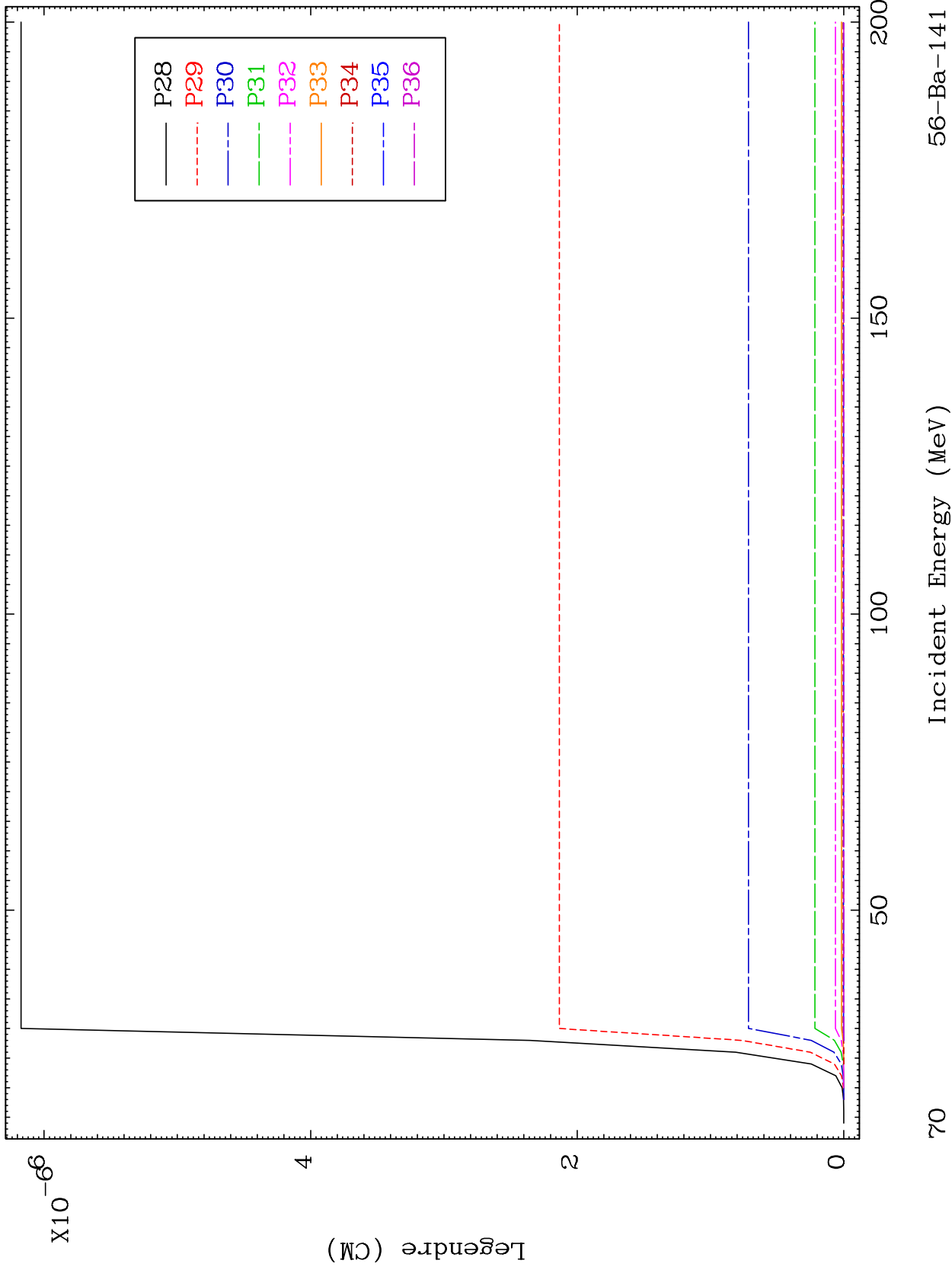
69

56-Ba-141

MAT 5658

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

56-Ba-141



70

Incident Energy (MeV)

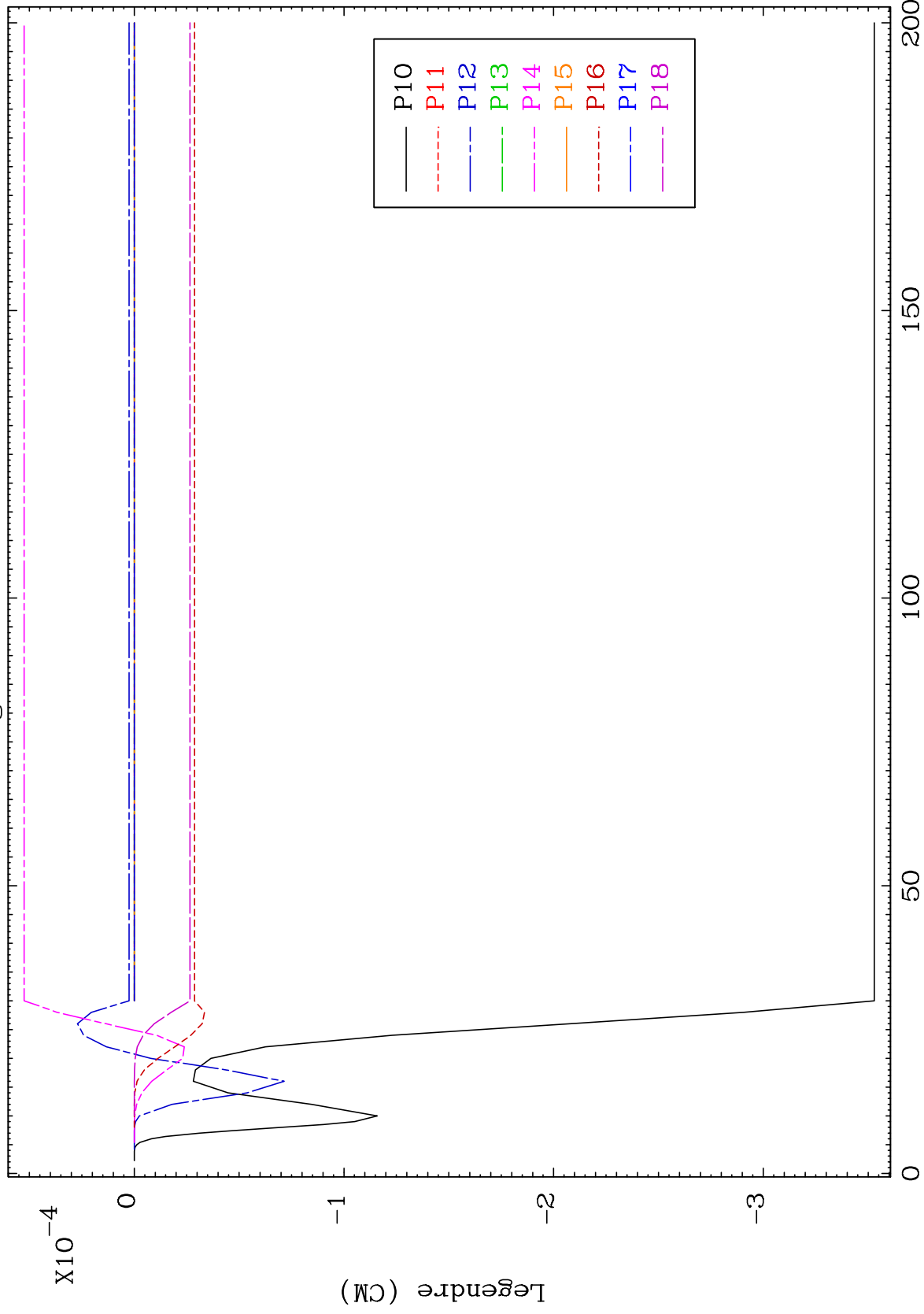
56-Ba-141



MAT 5658

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

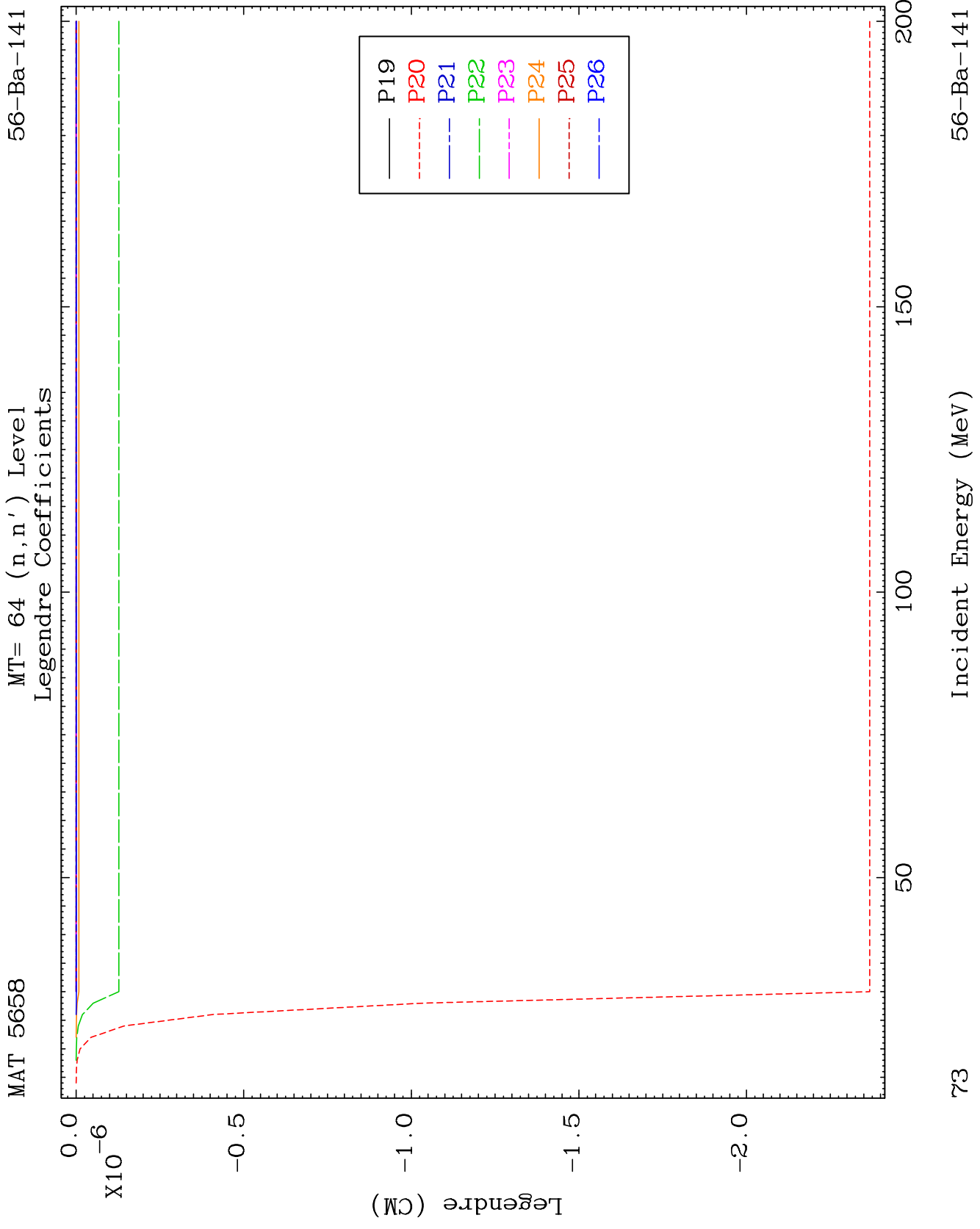
56-Ba-141



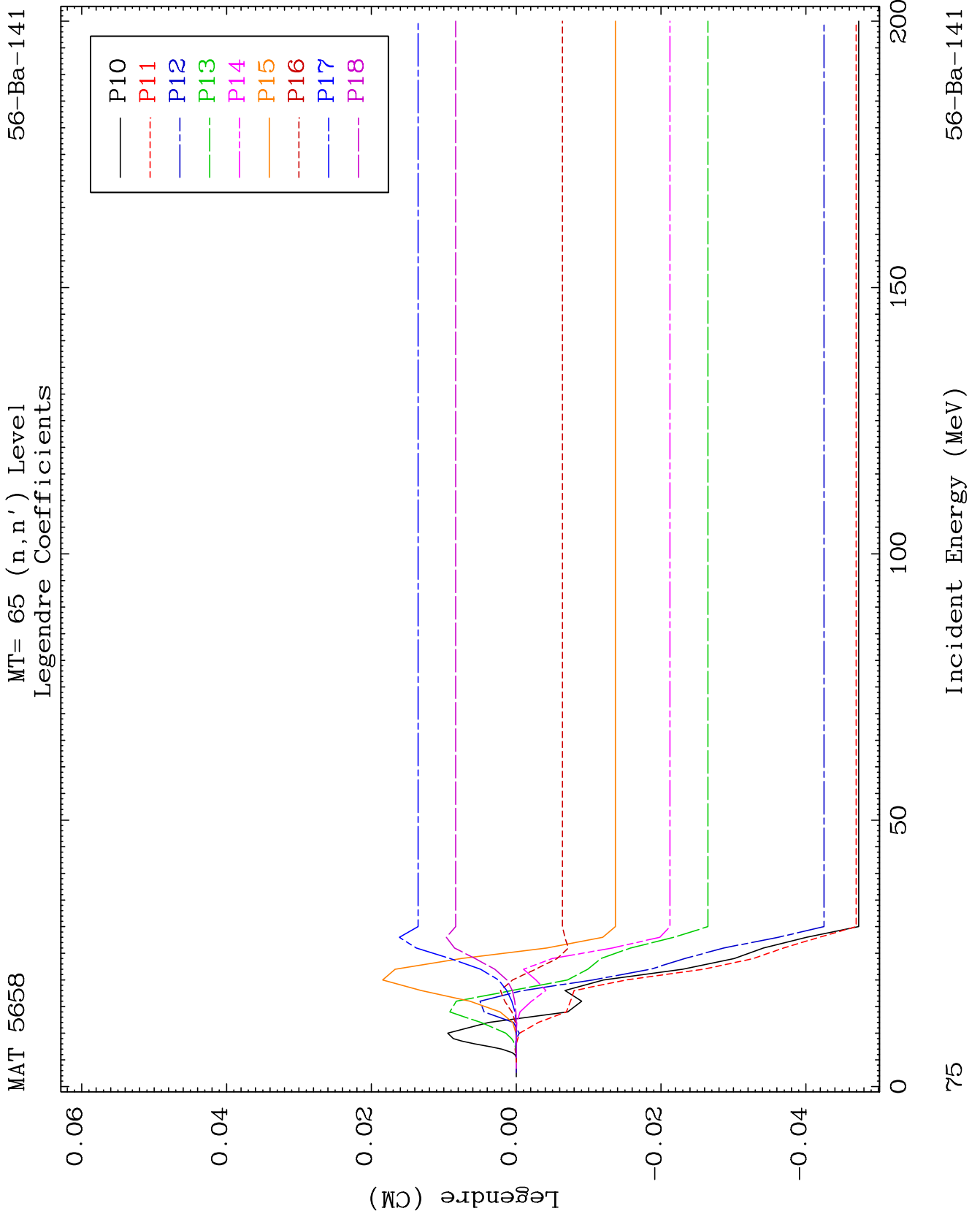
72

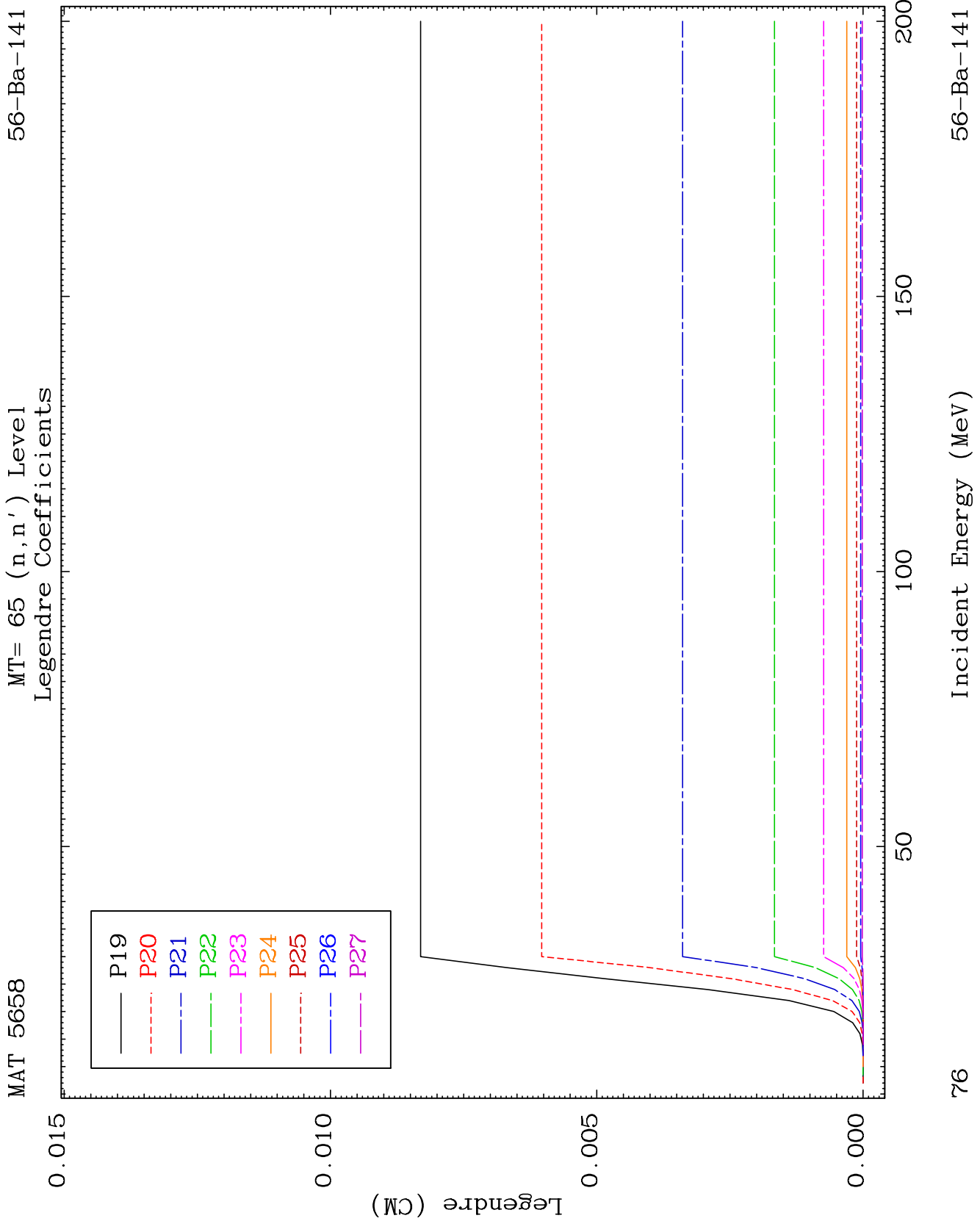
Incident Energy (MeV)

56-Ba-141





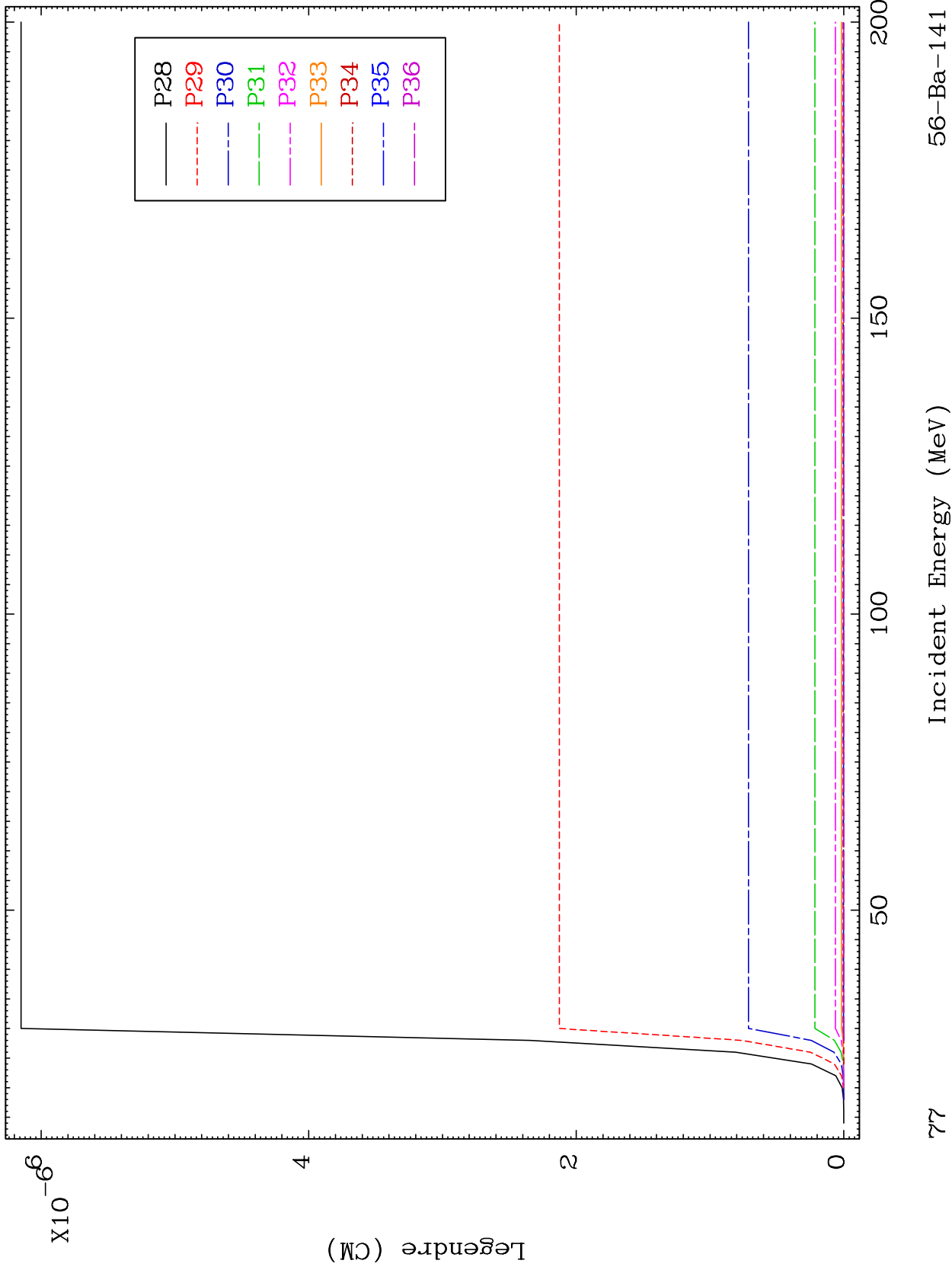




MAT 5658

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

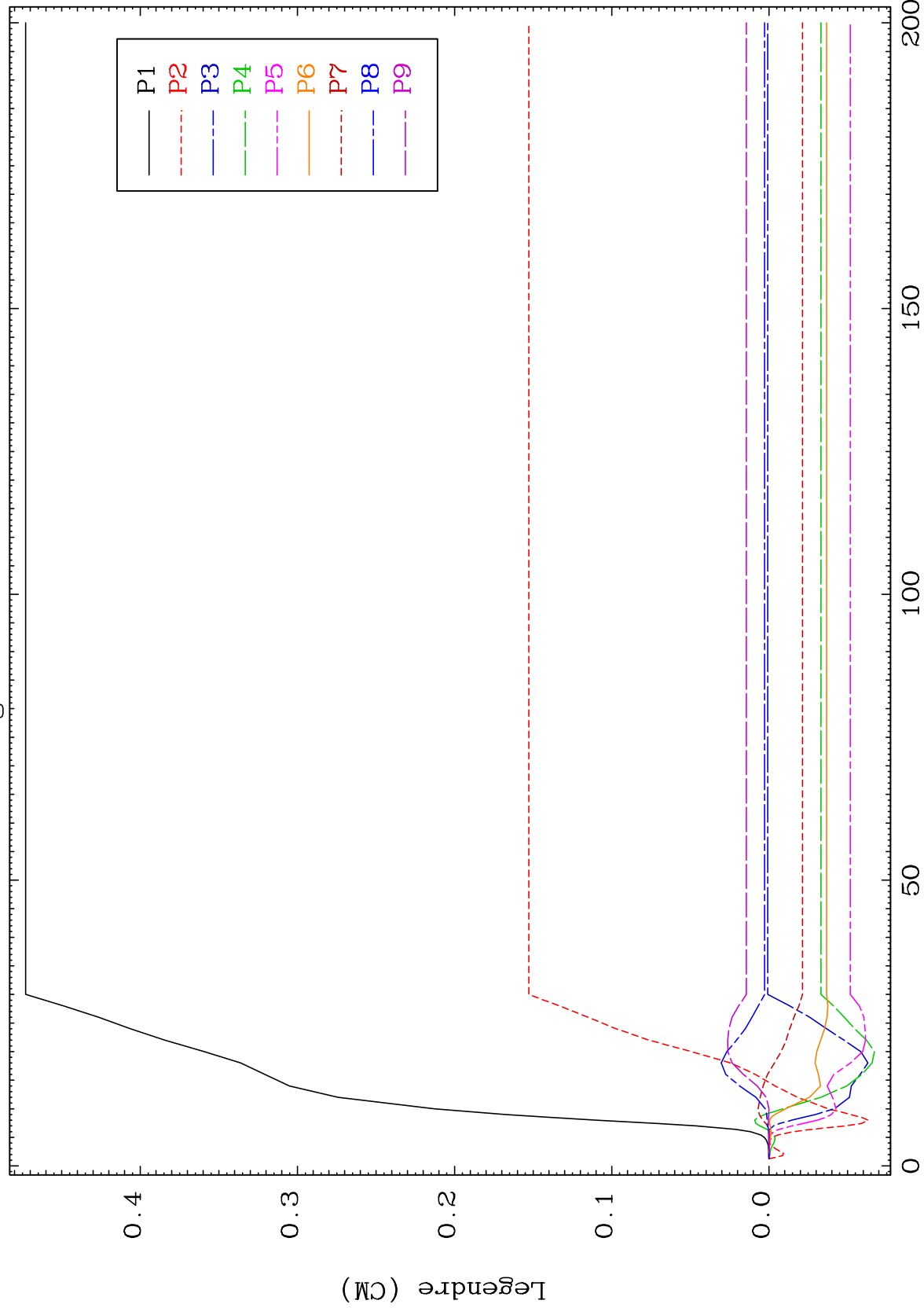
56-Ba-141



MAT 5658

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

56-Ba-141



78

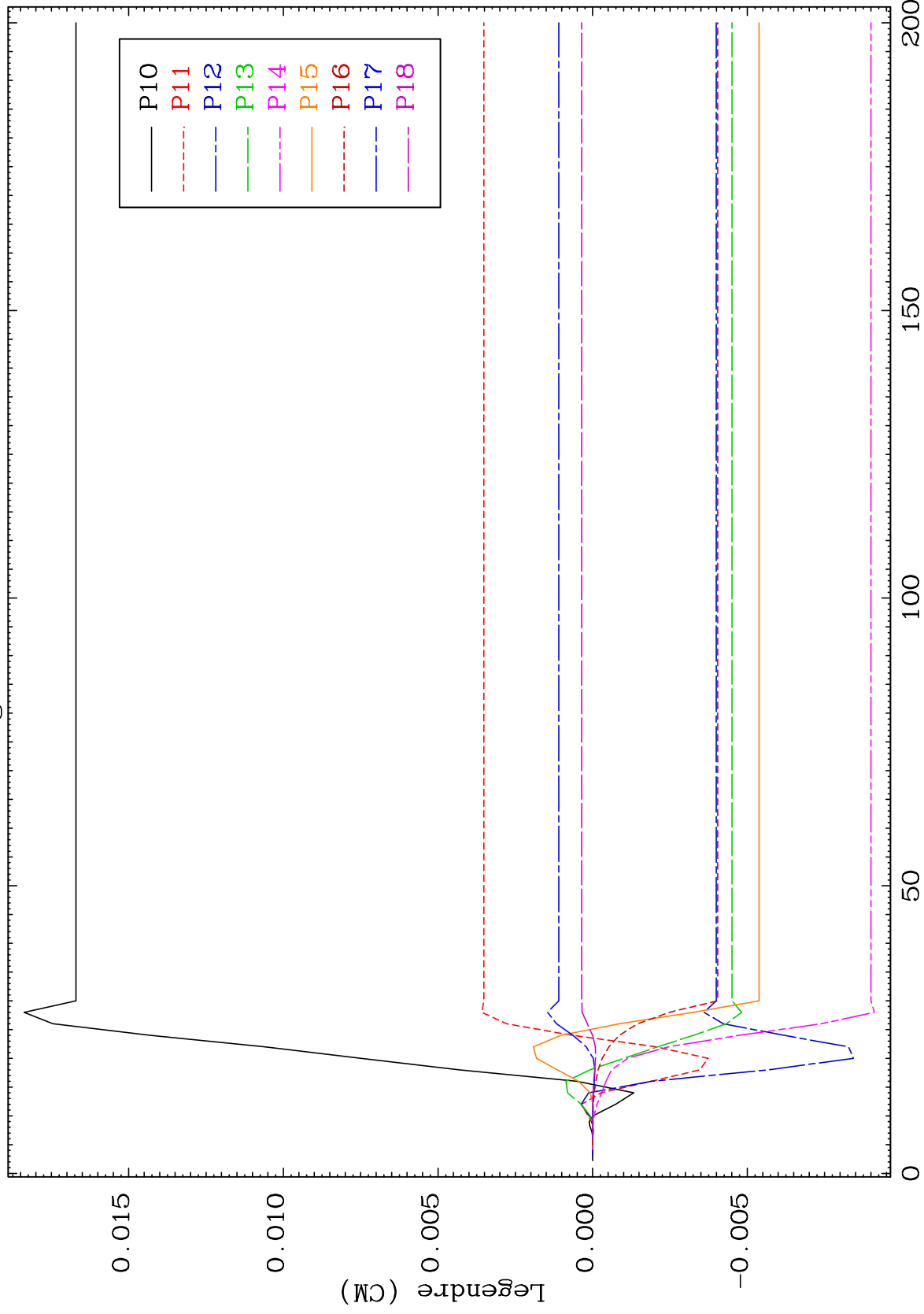
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



79

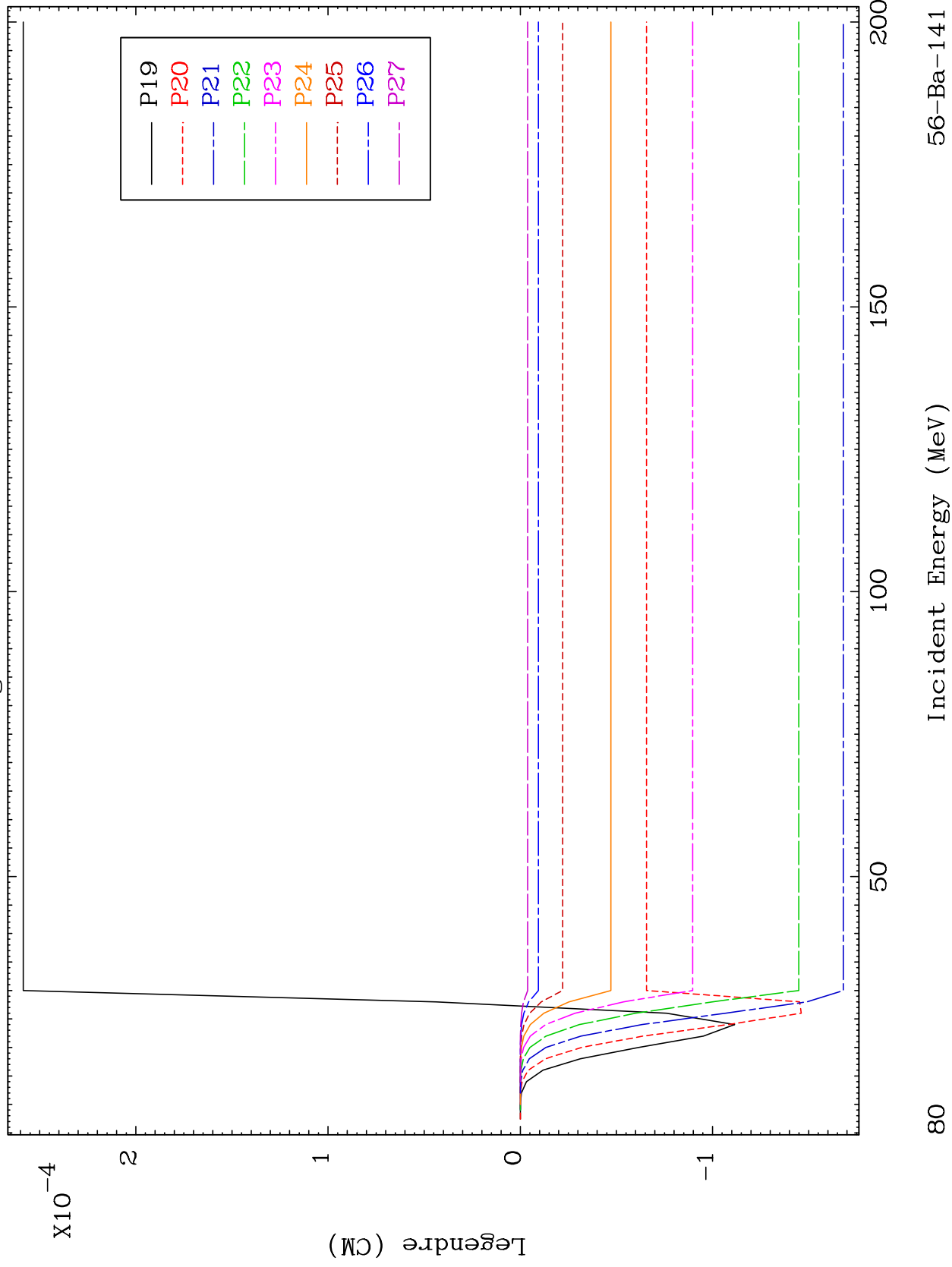
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

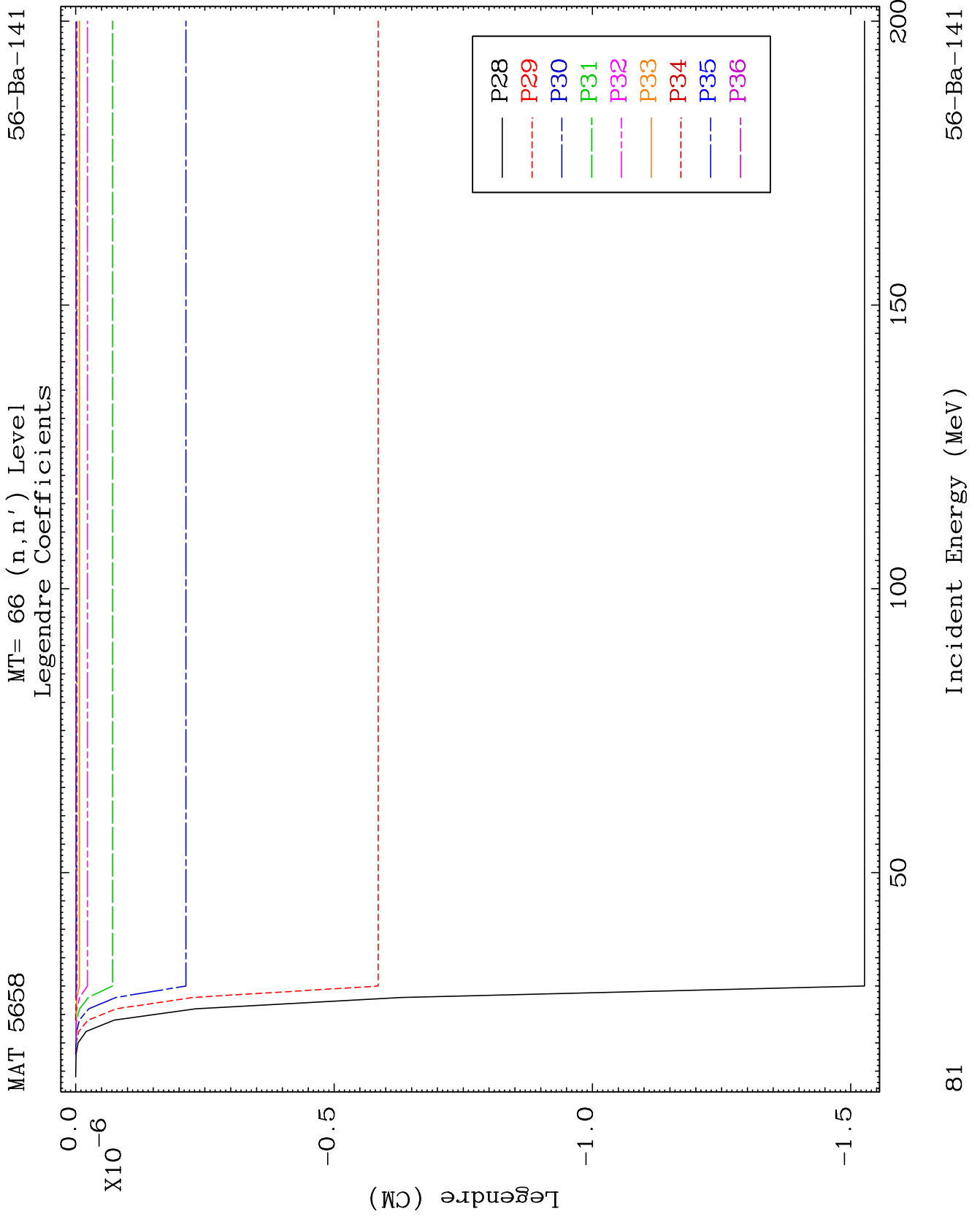
56-Ba-141



80

Incident Energy (MeV)

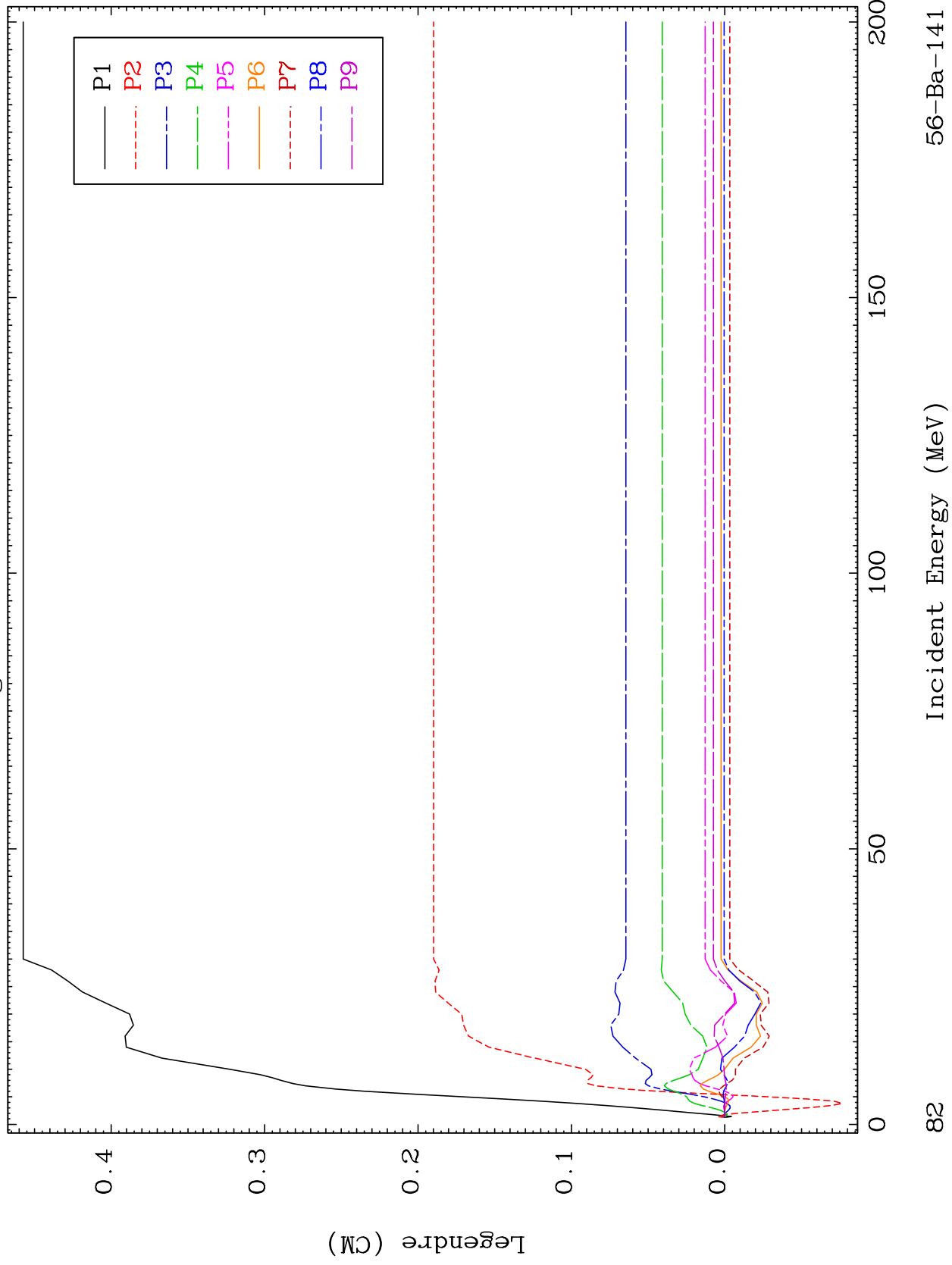
56-Ba-141



MAT 5658

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

56-Ba-141



56-Ba-141

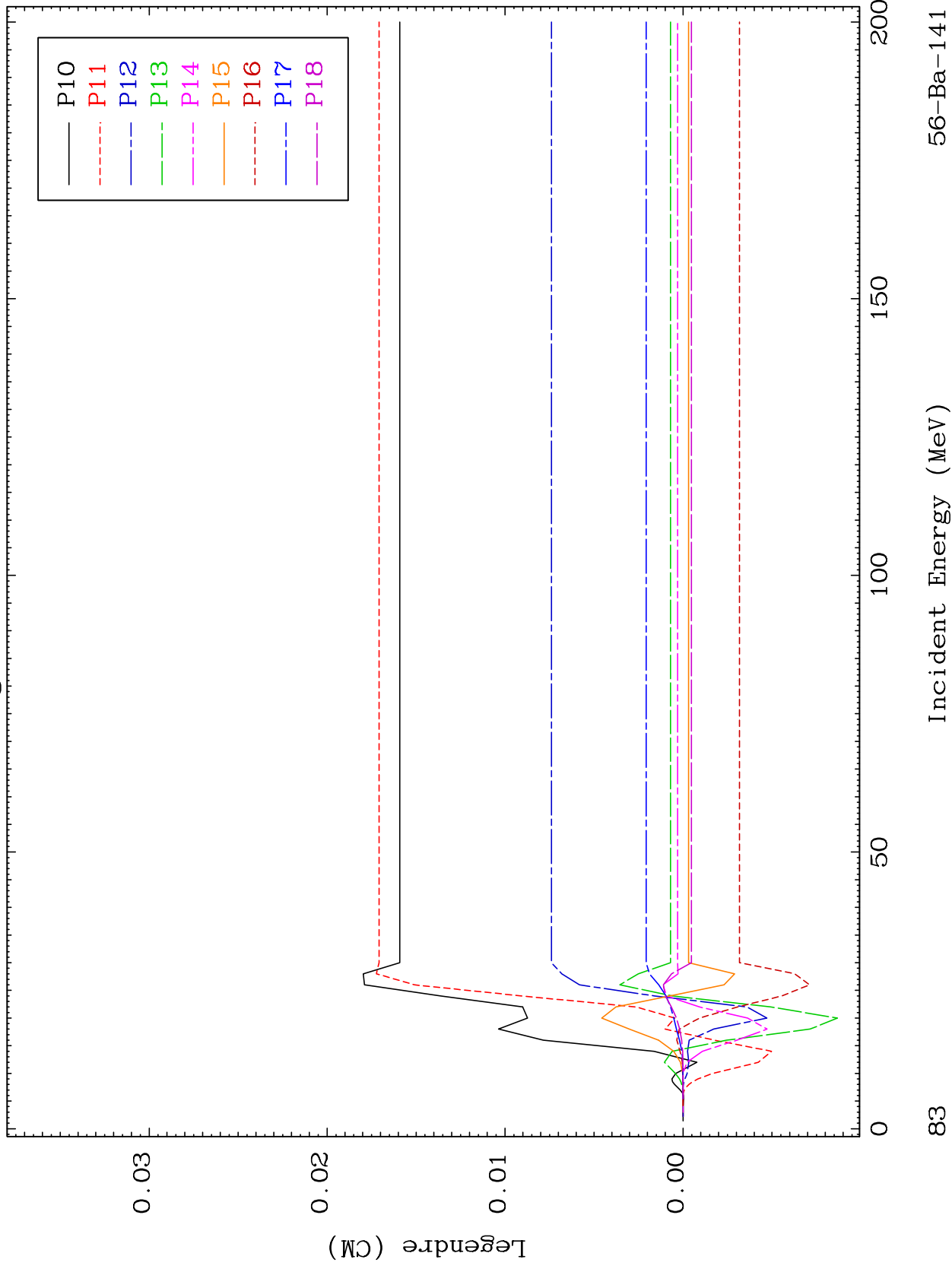
Incident Energy (MeV)

82

MAT 5658

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

56-Ba-141



56-Ba-141

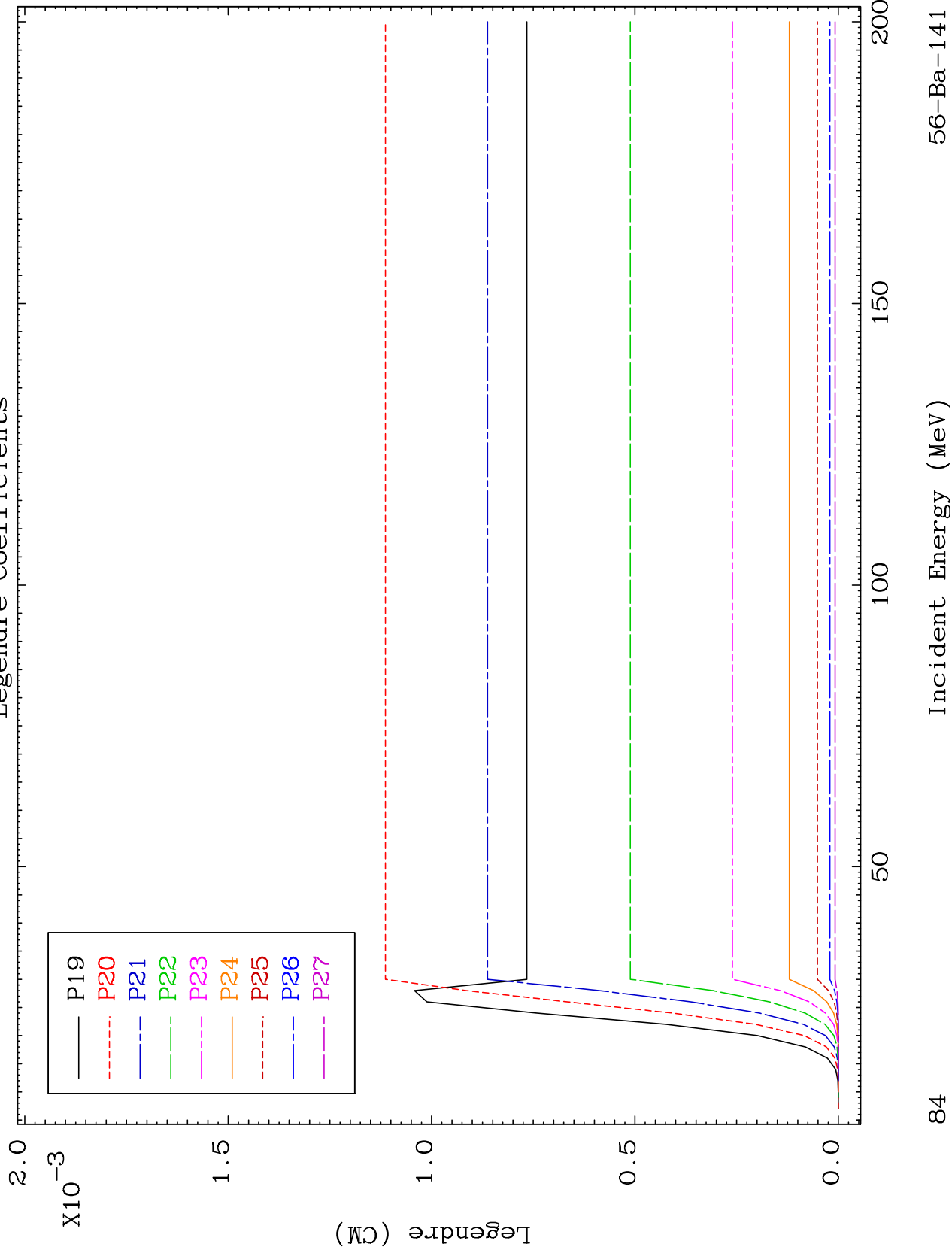
Incident Energy (MeV)

83

MAT 5658

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

56-Ba-141



84

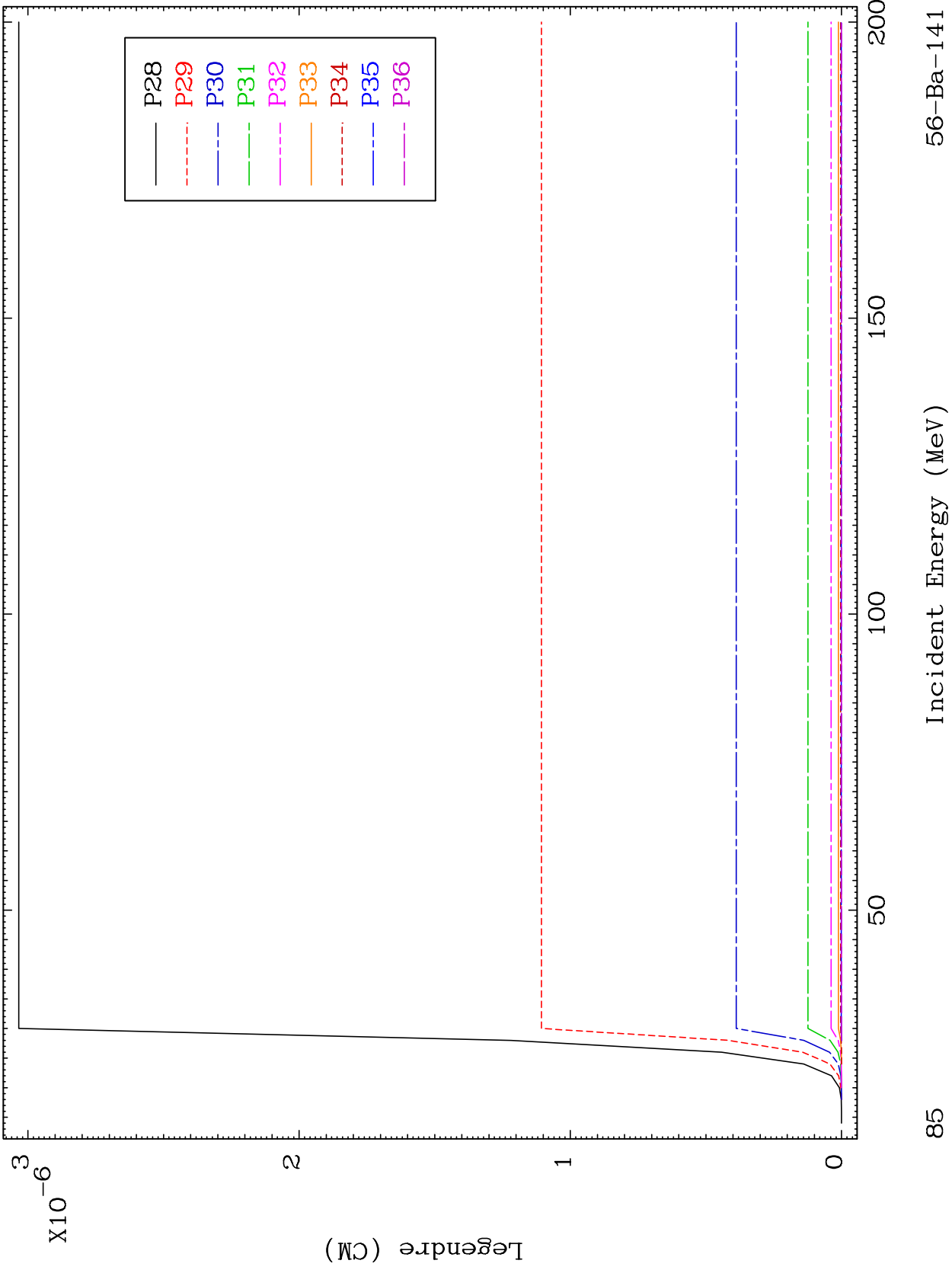
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



85

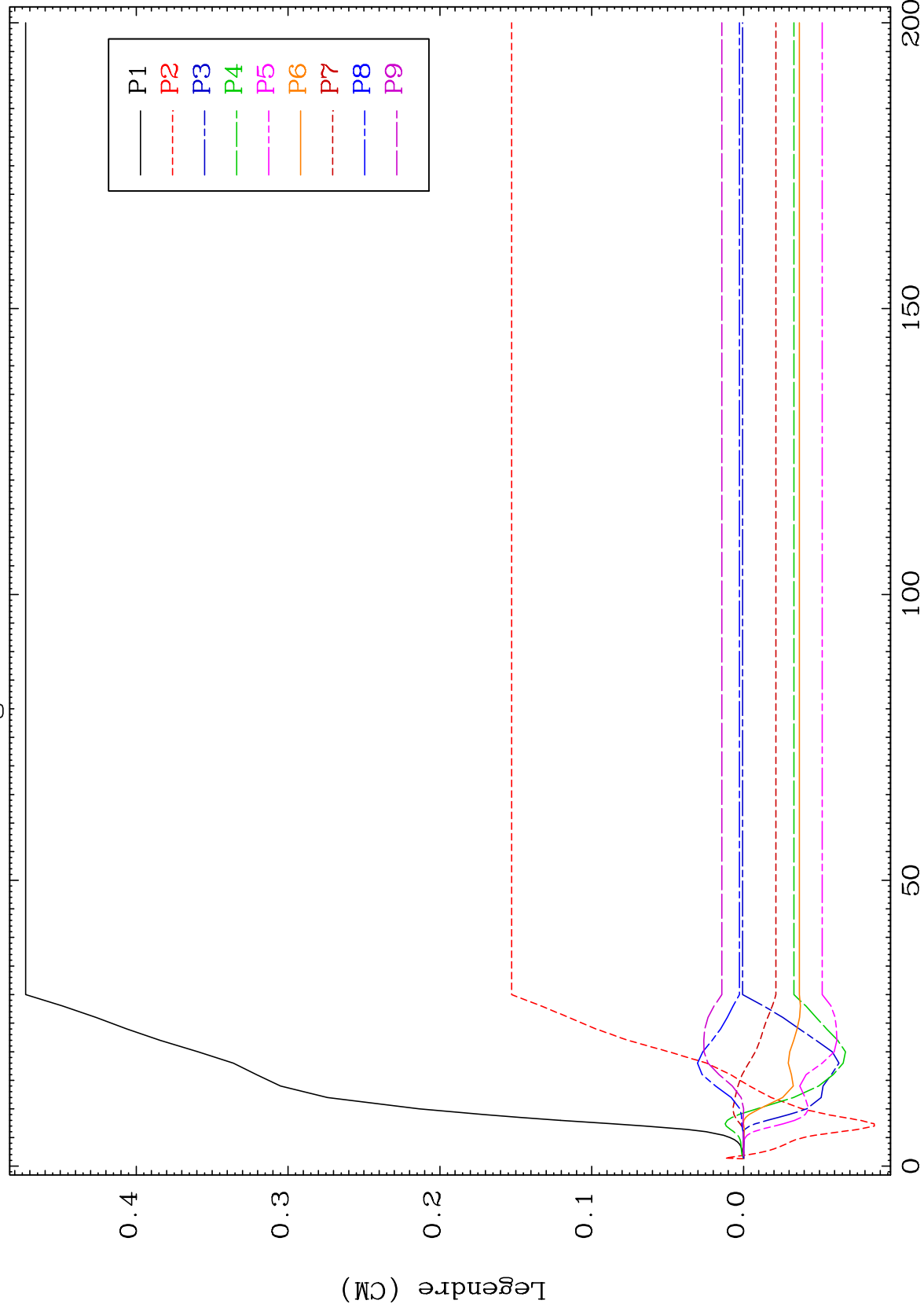
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



86

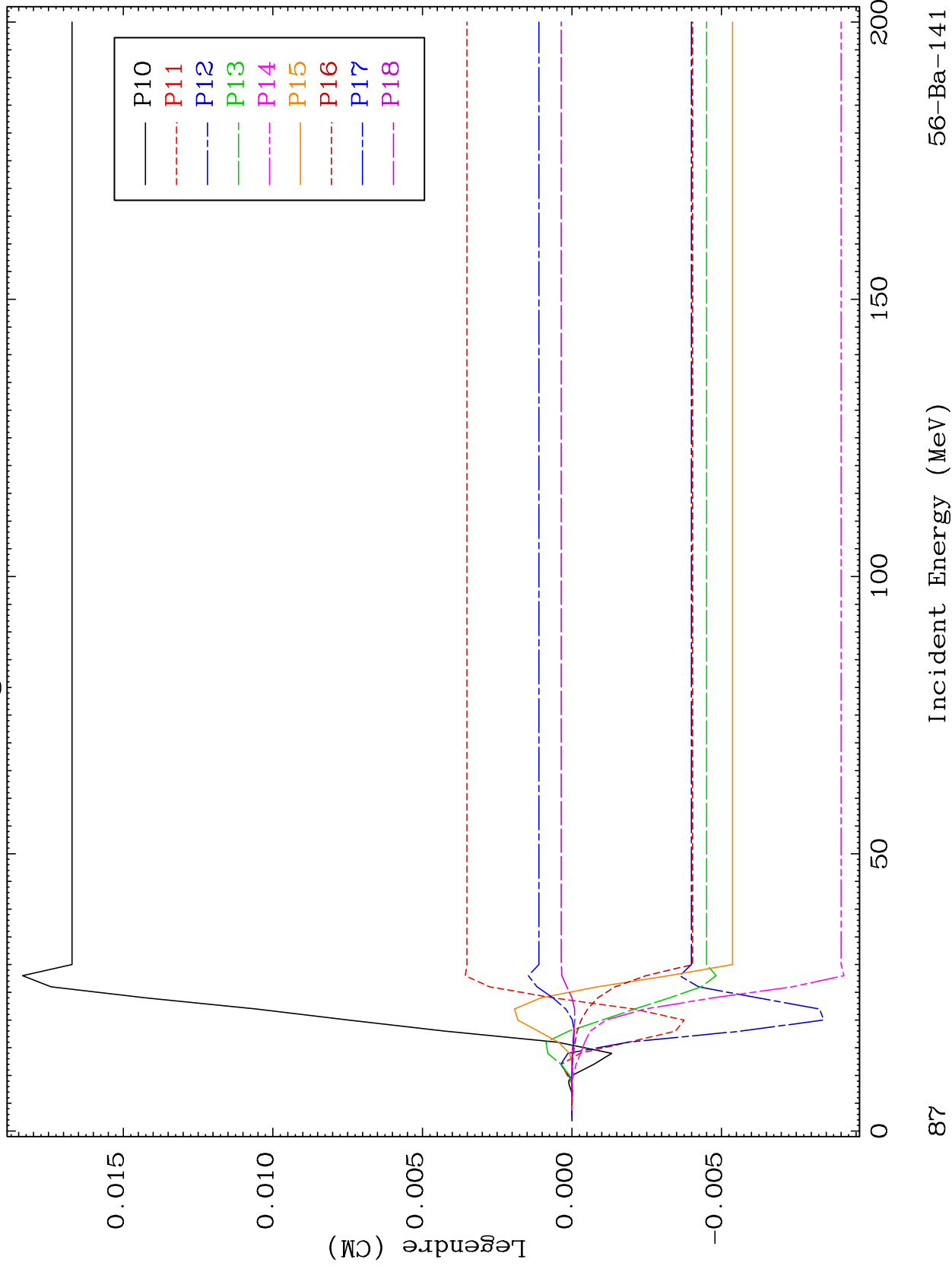
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



87

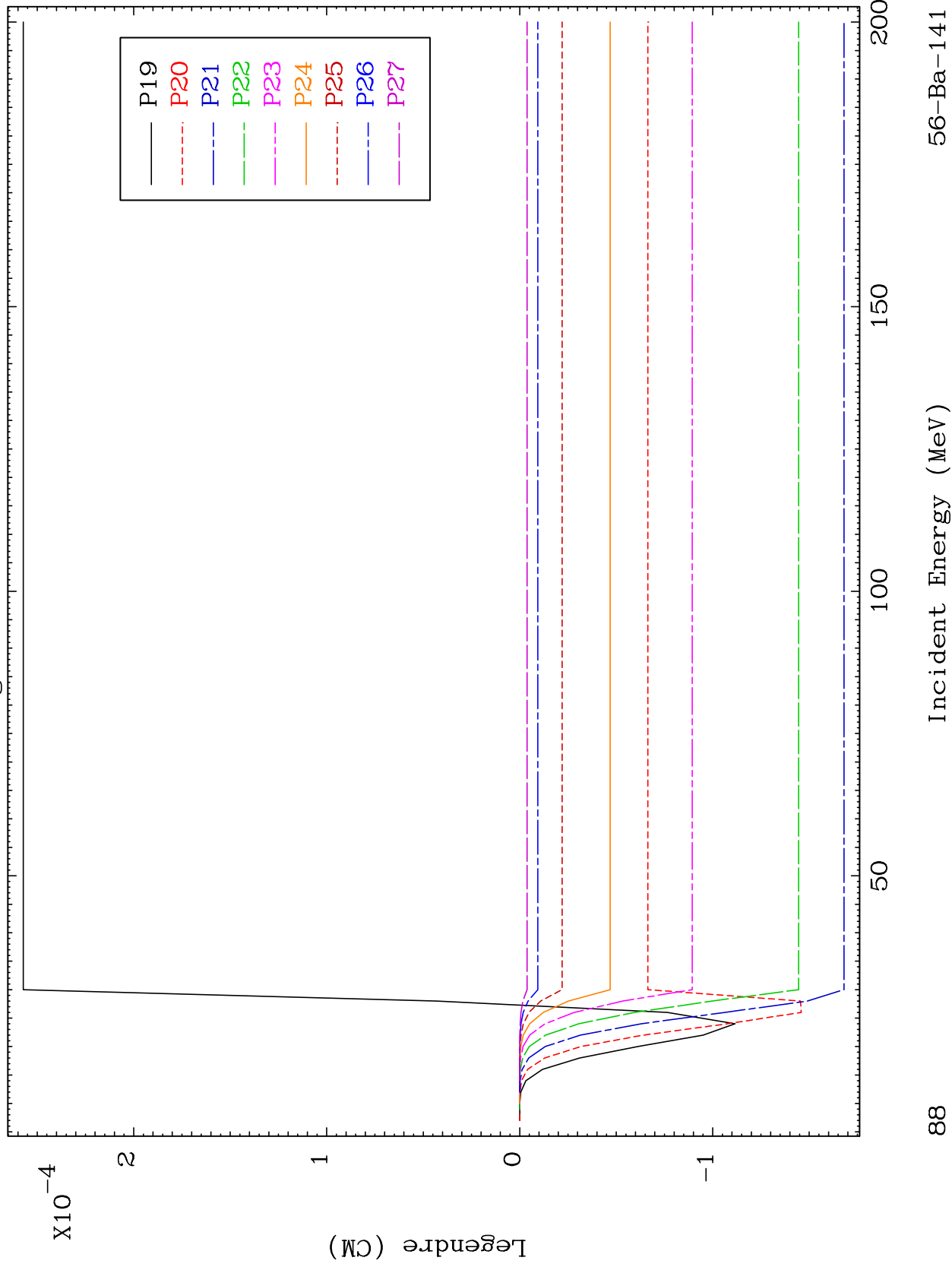
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



88

Incident Energy (MeV)

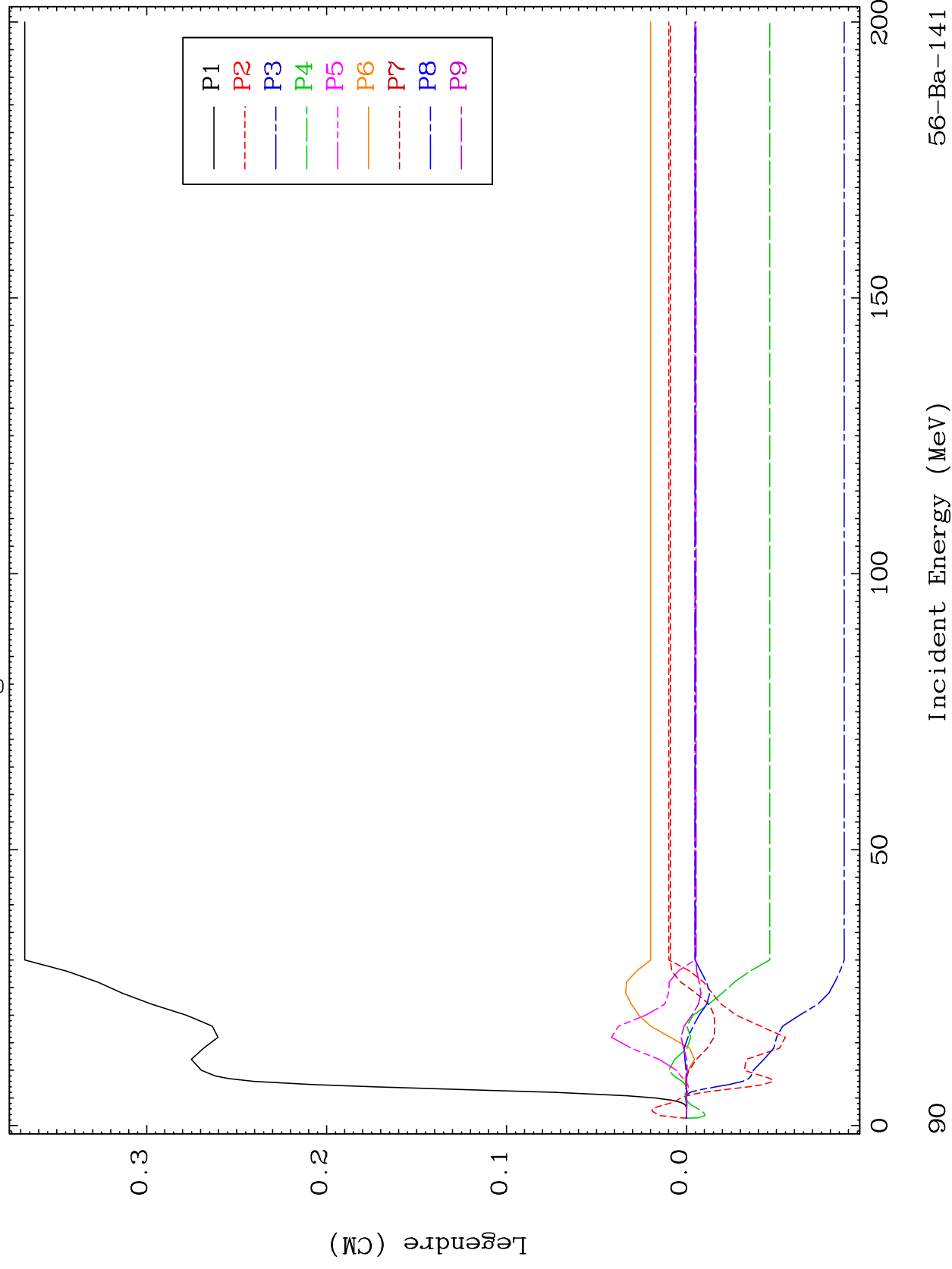
56-Ba-141



MAT 5658

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

56-Ba-141



56-Ba-141

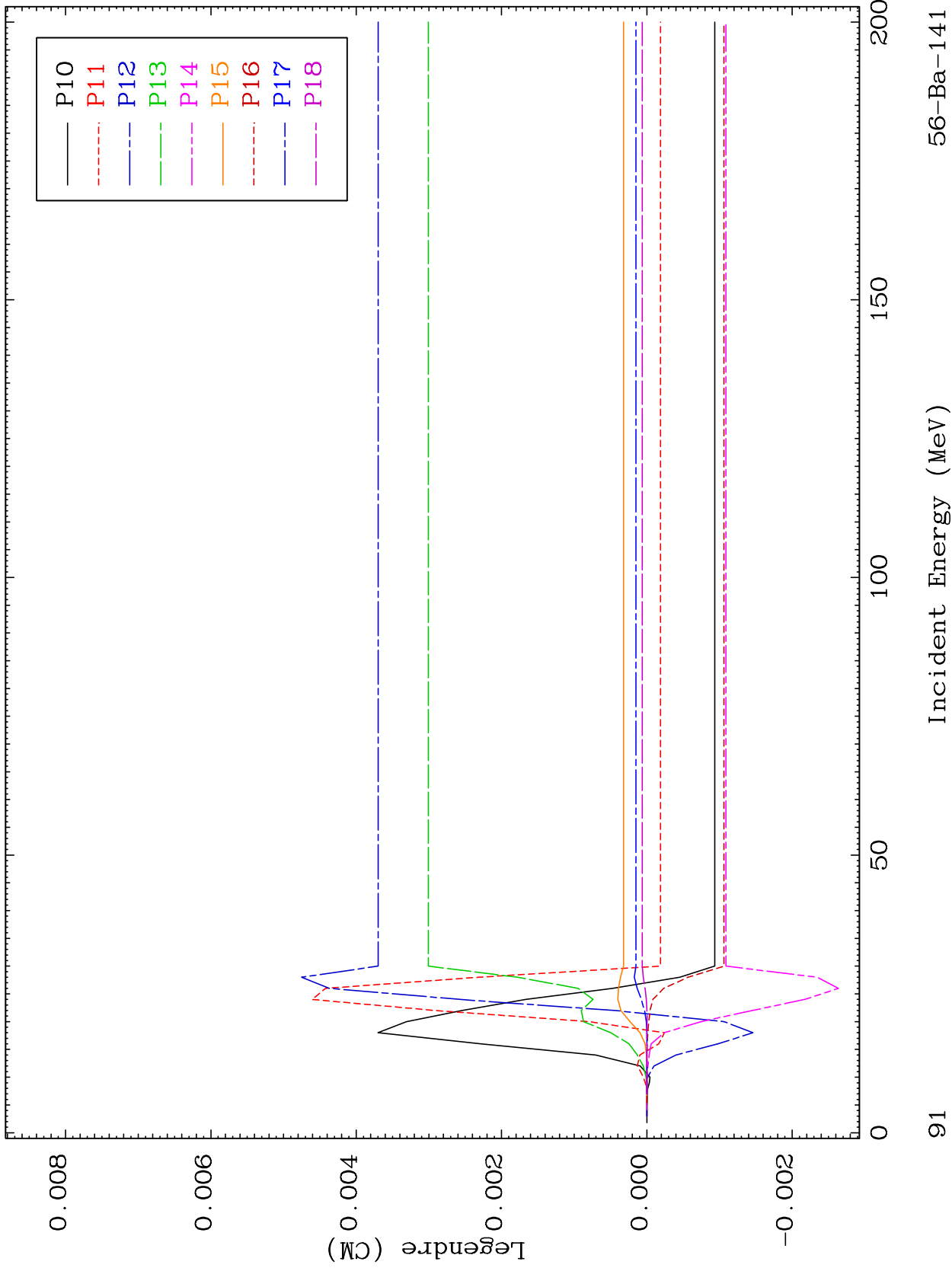
Incident Energy (MeV)

90

MAT 5658

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

56-Ba-141



91

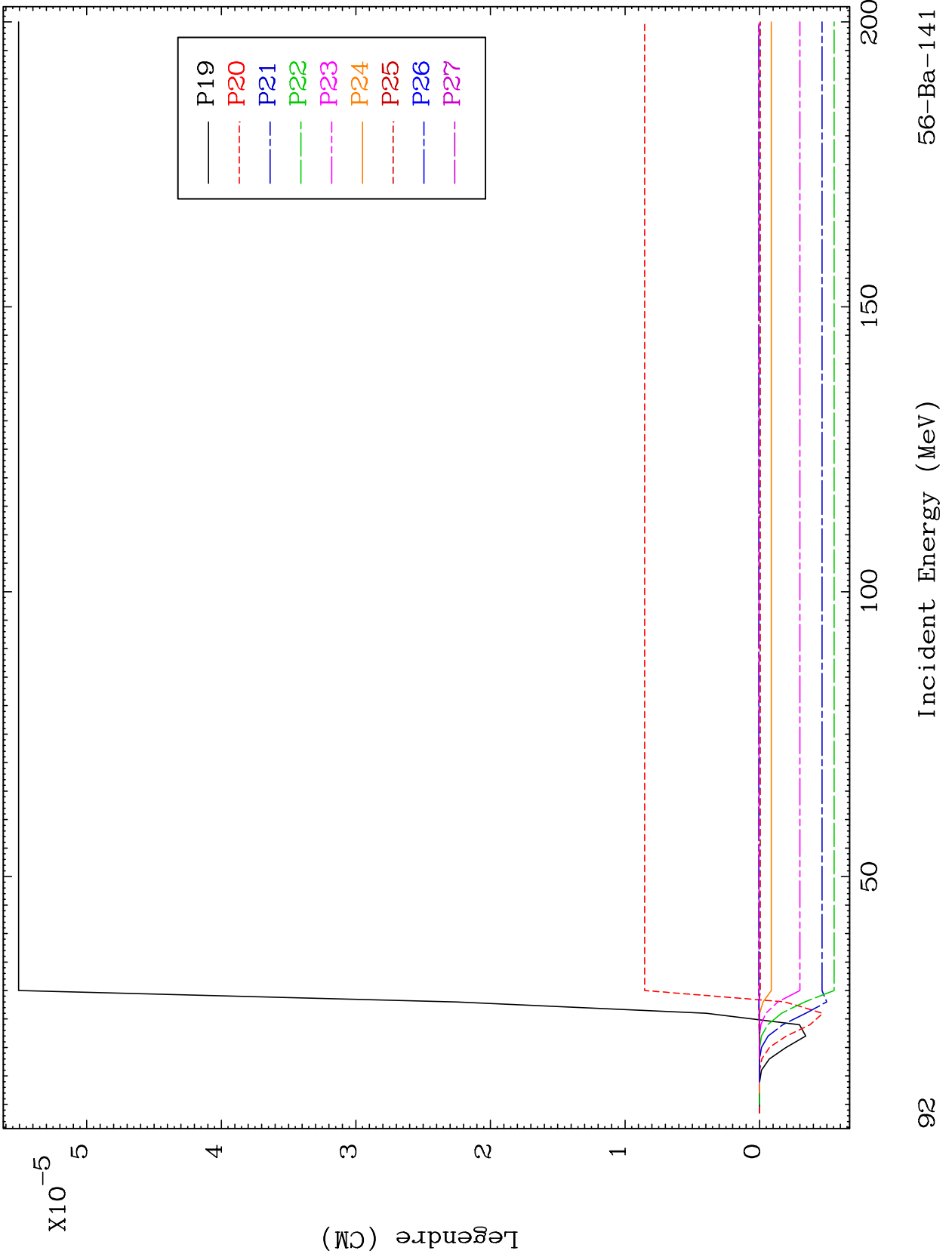
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



92

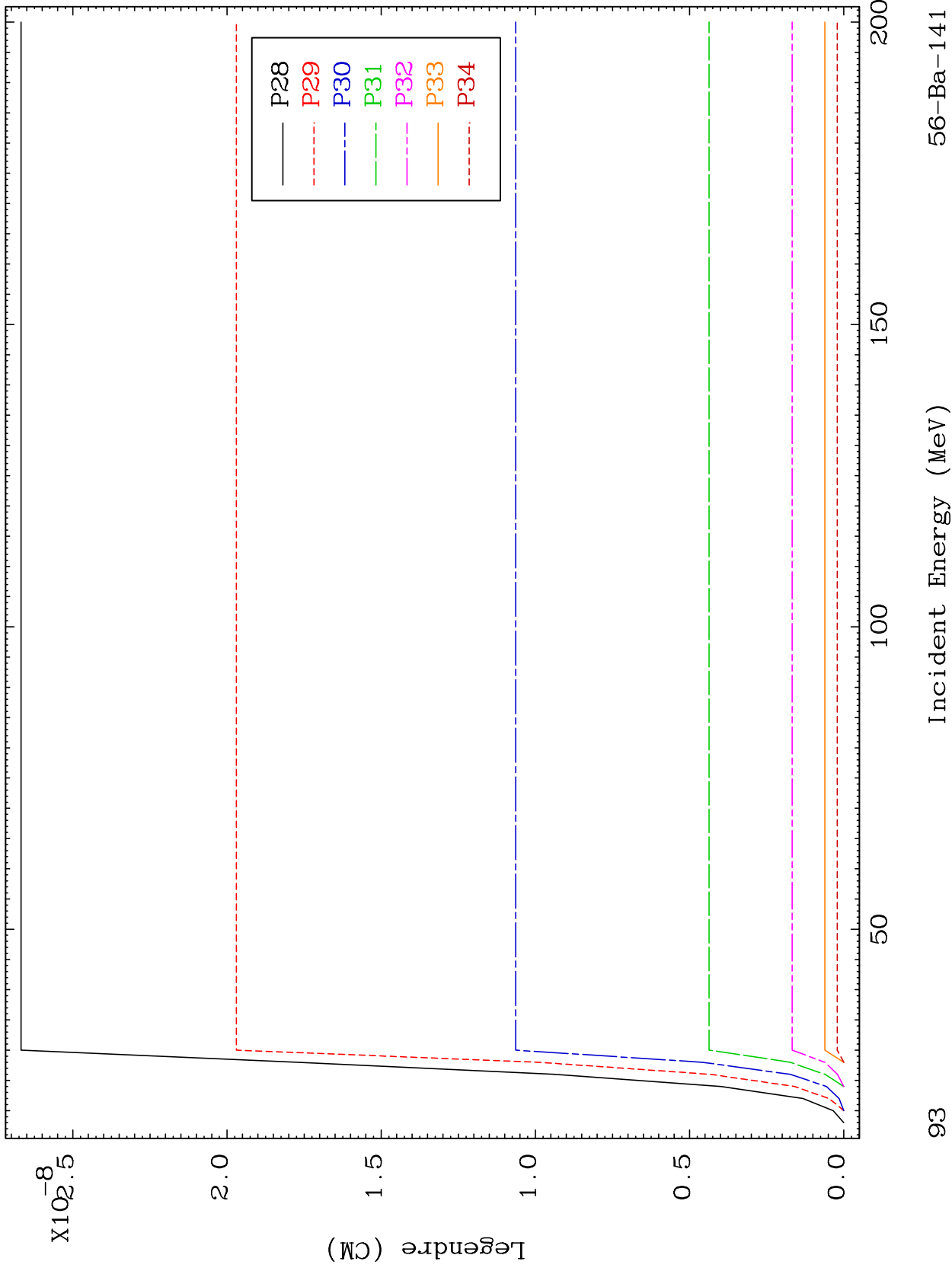
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

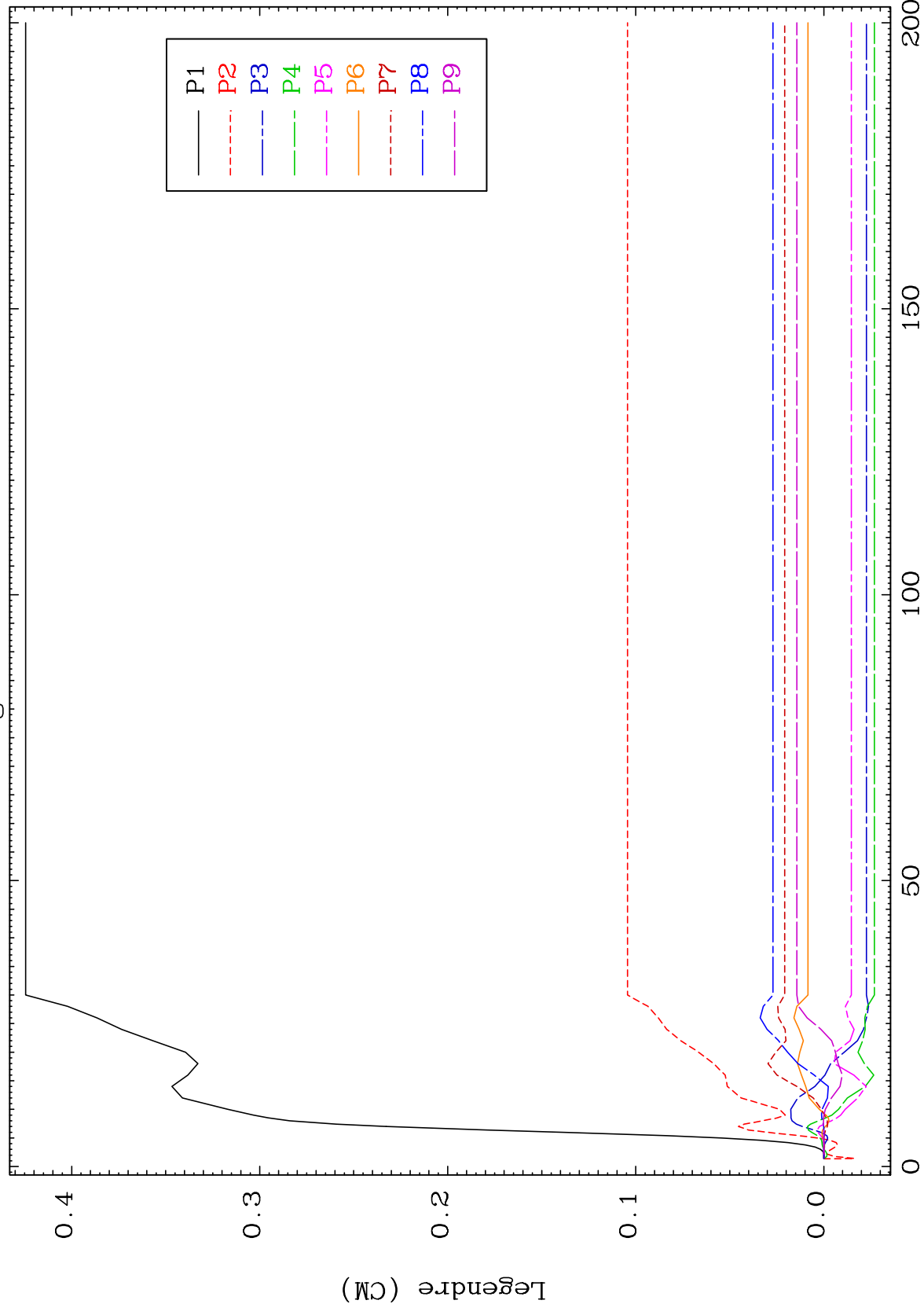
56-Ba-141



MAT 5658

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

56-Ba-141



94

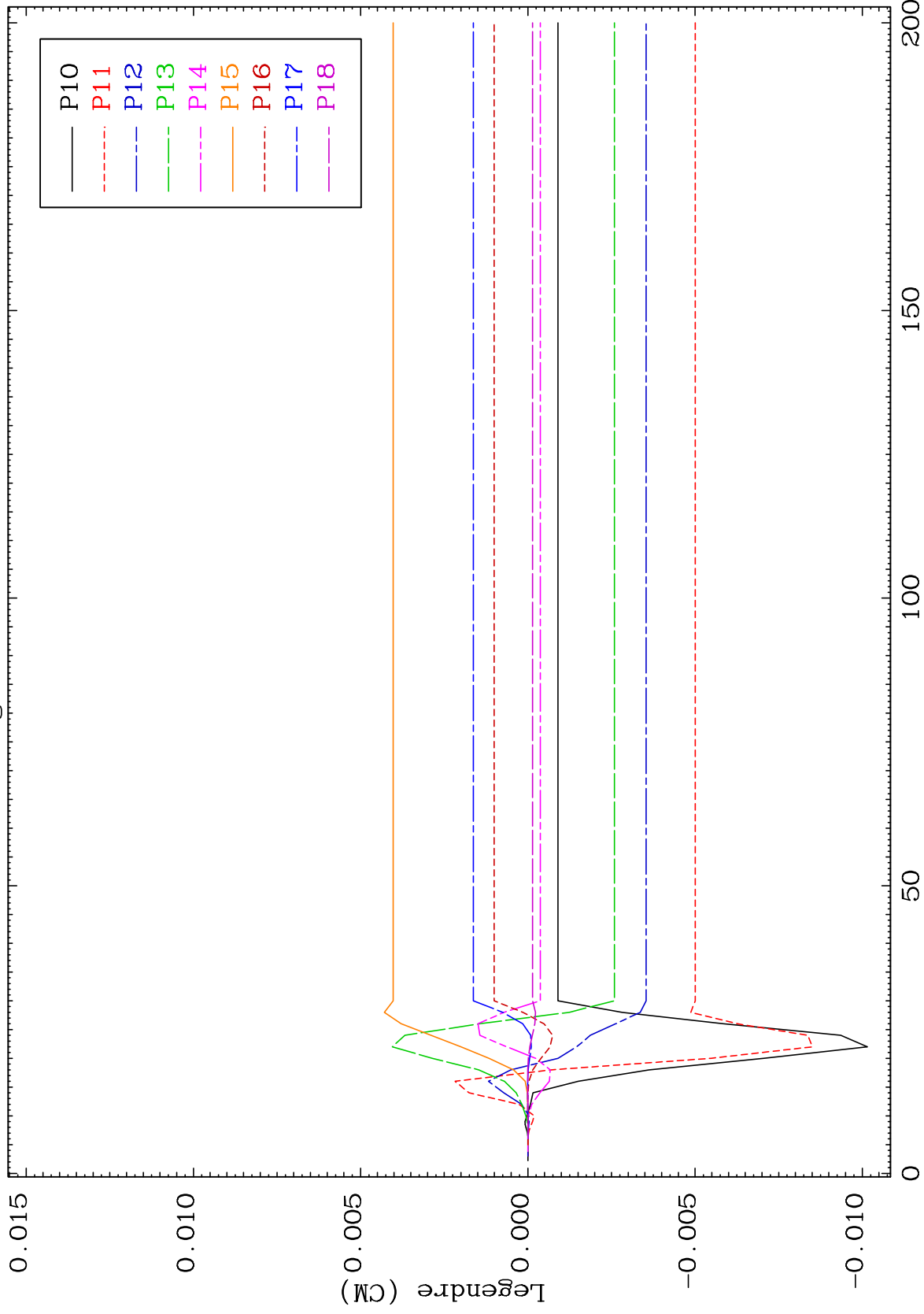
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

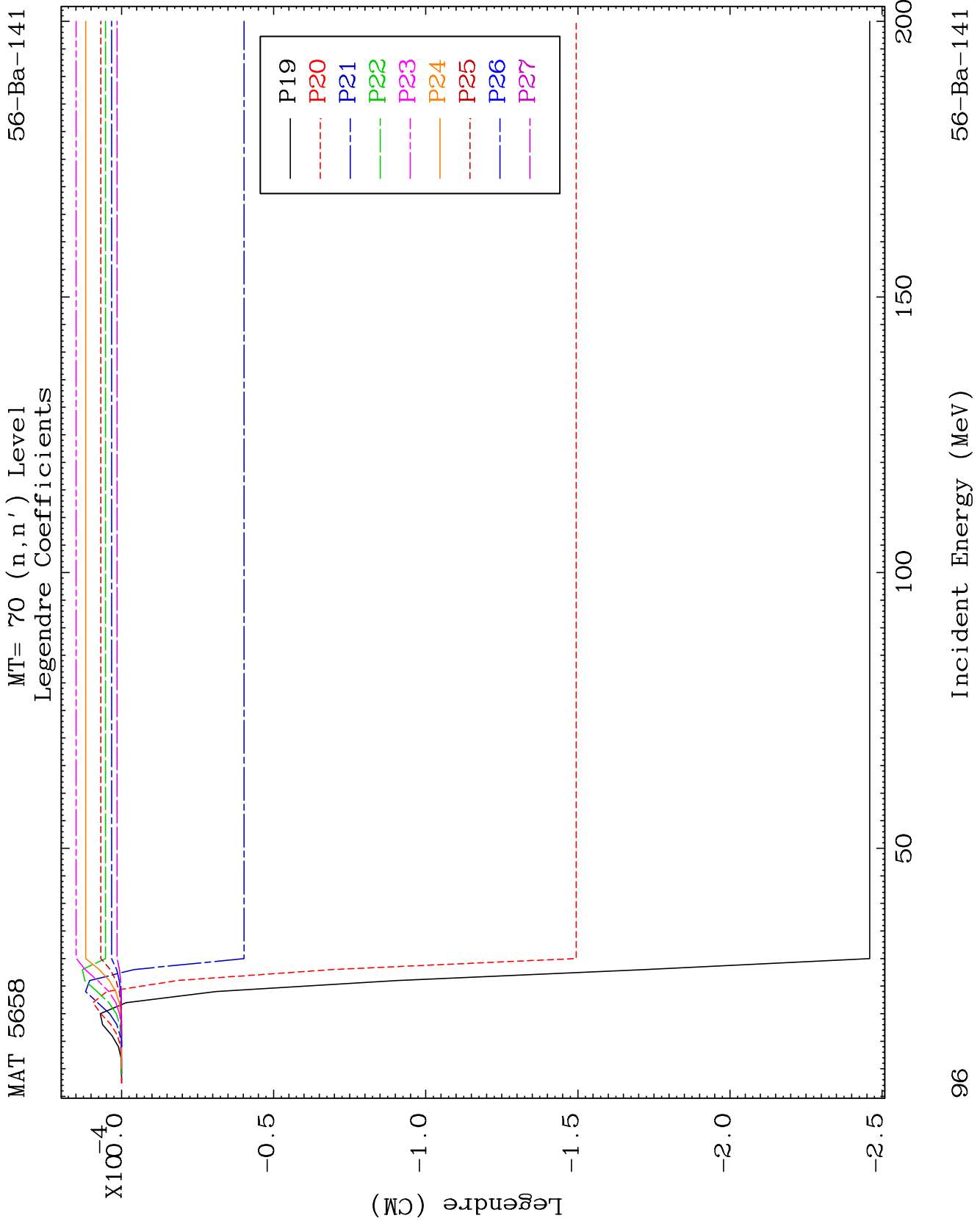
56-Ba-141



95

Incident Energy (MeV)

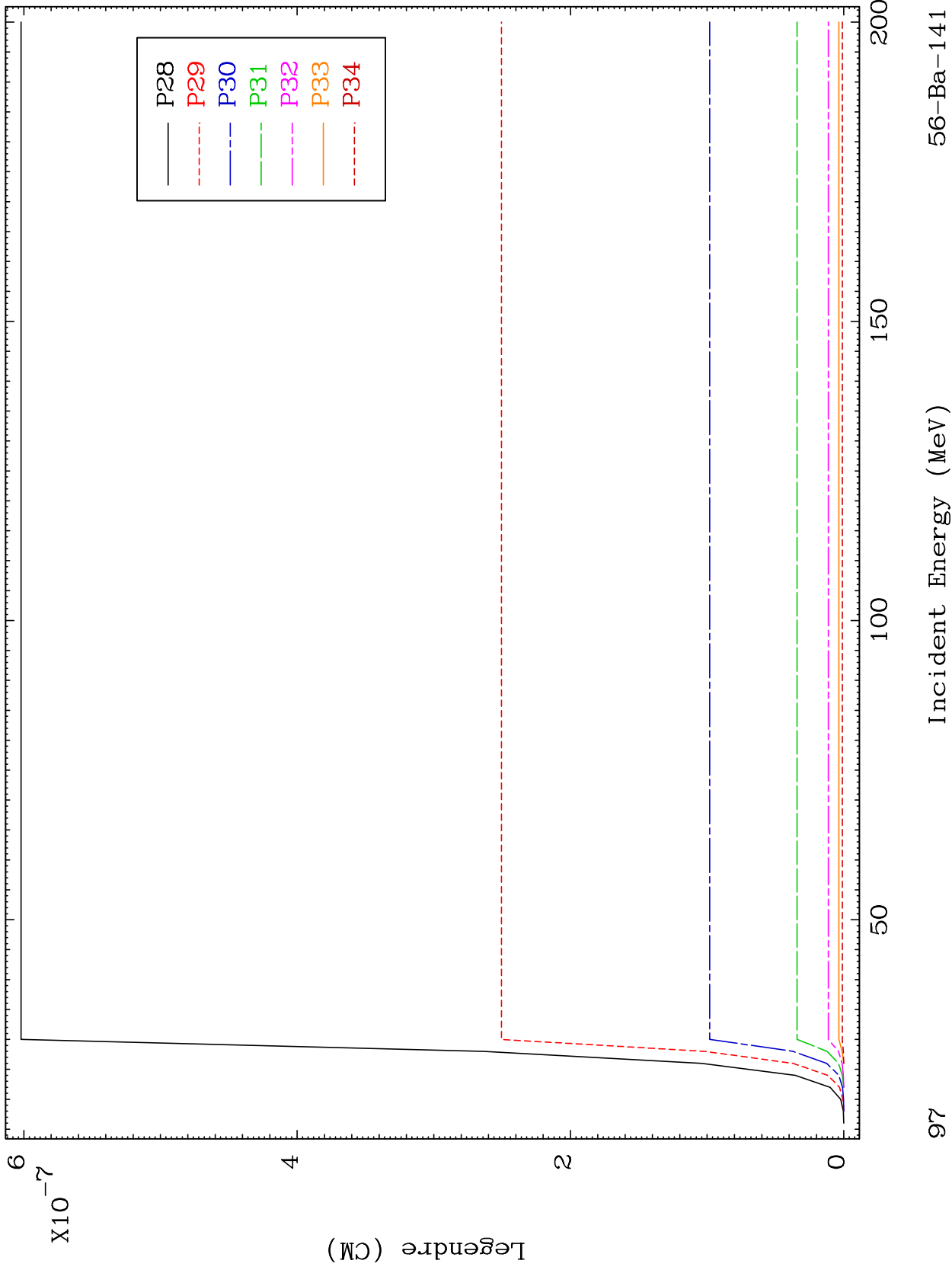
56-Ba-141

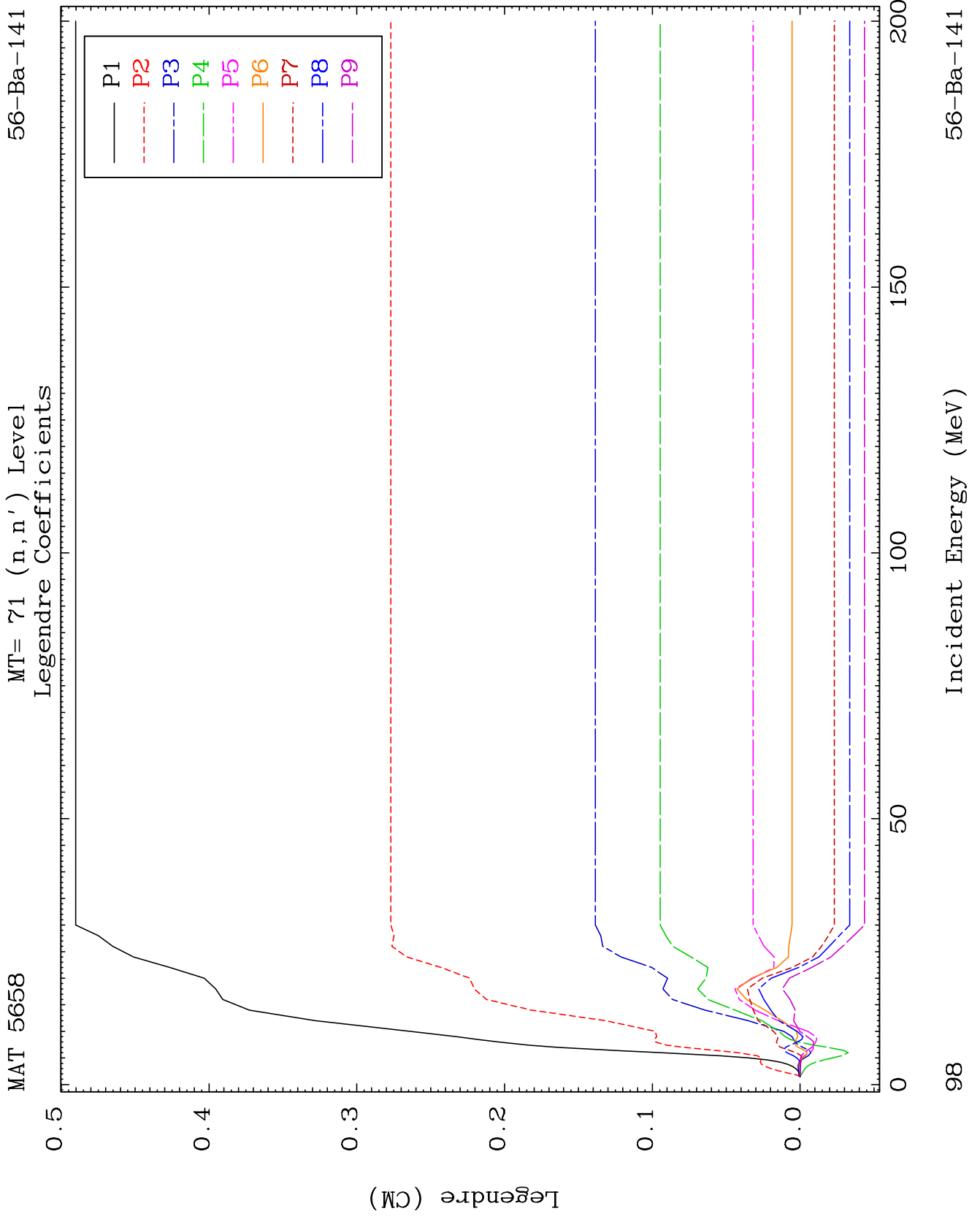


MAT 5658

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

56-Ba-141

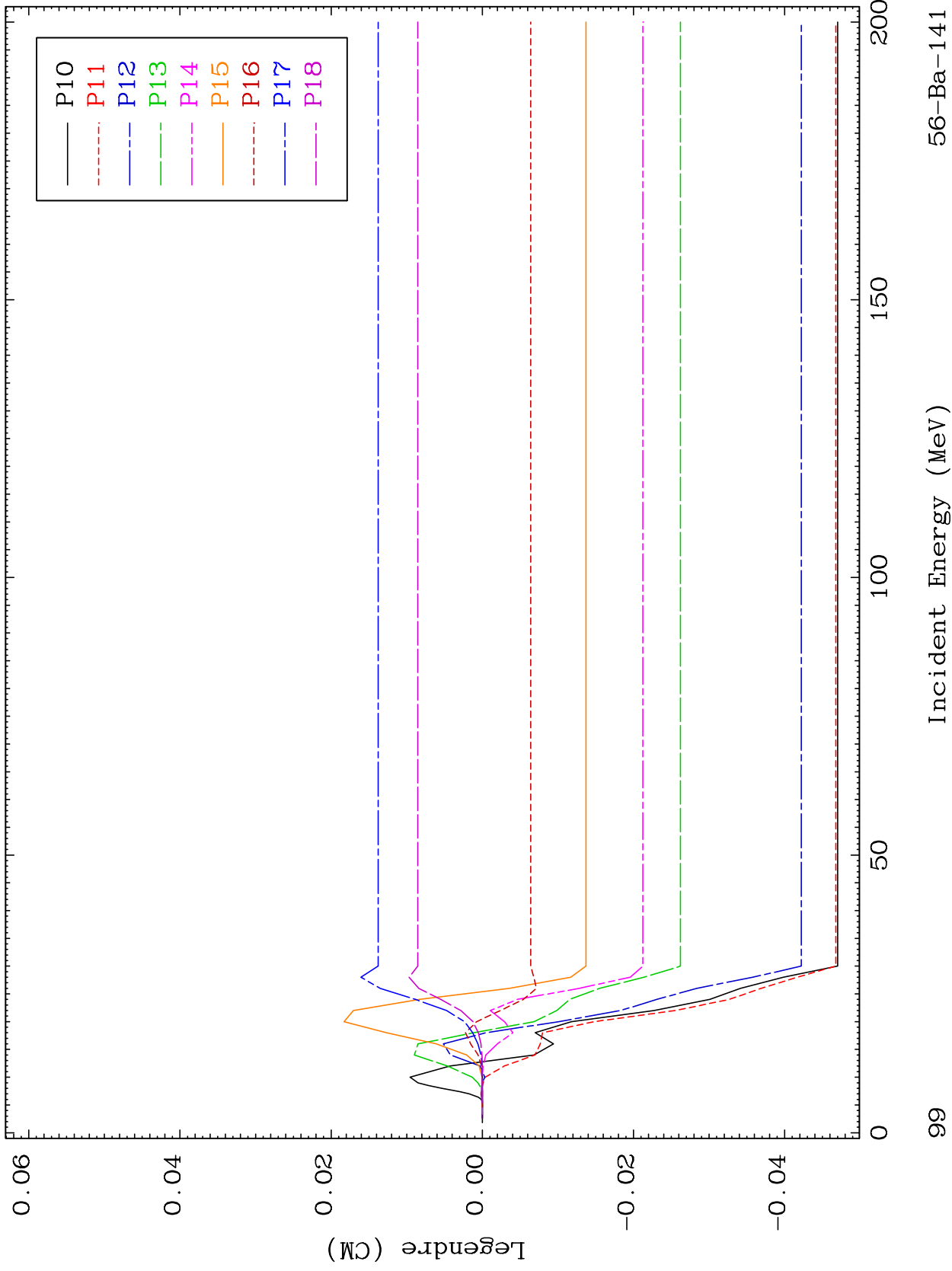




MAT 5658

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

56-Ba-141



56-Ba-141

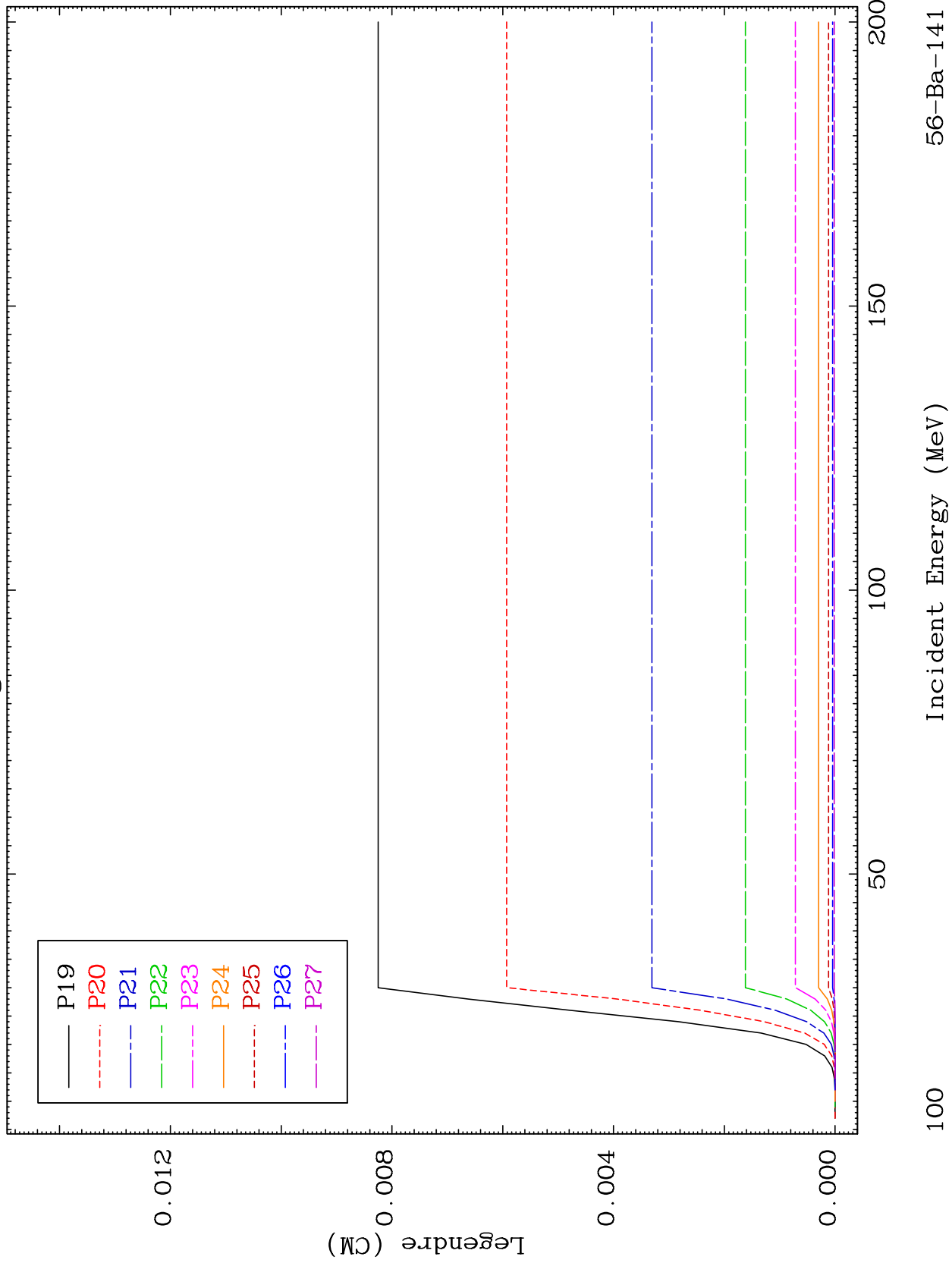
Incident Energy (MeV)

99

MAT 5658

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

56-Ba-141

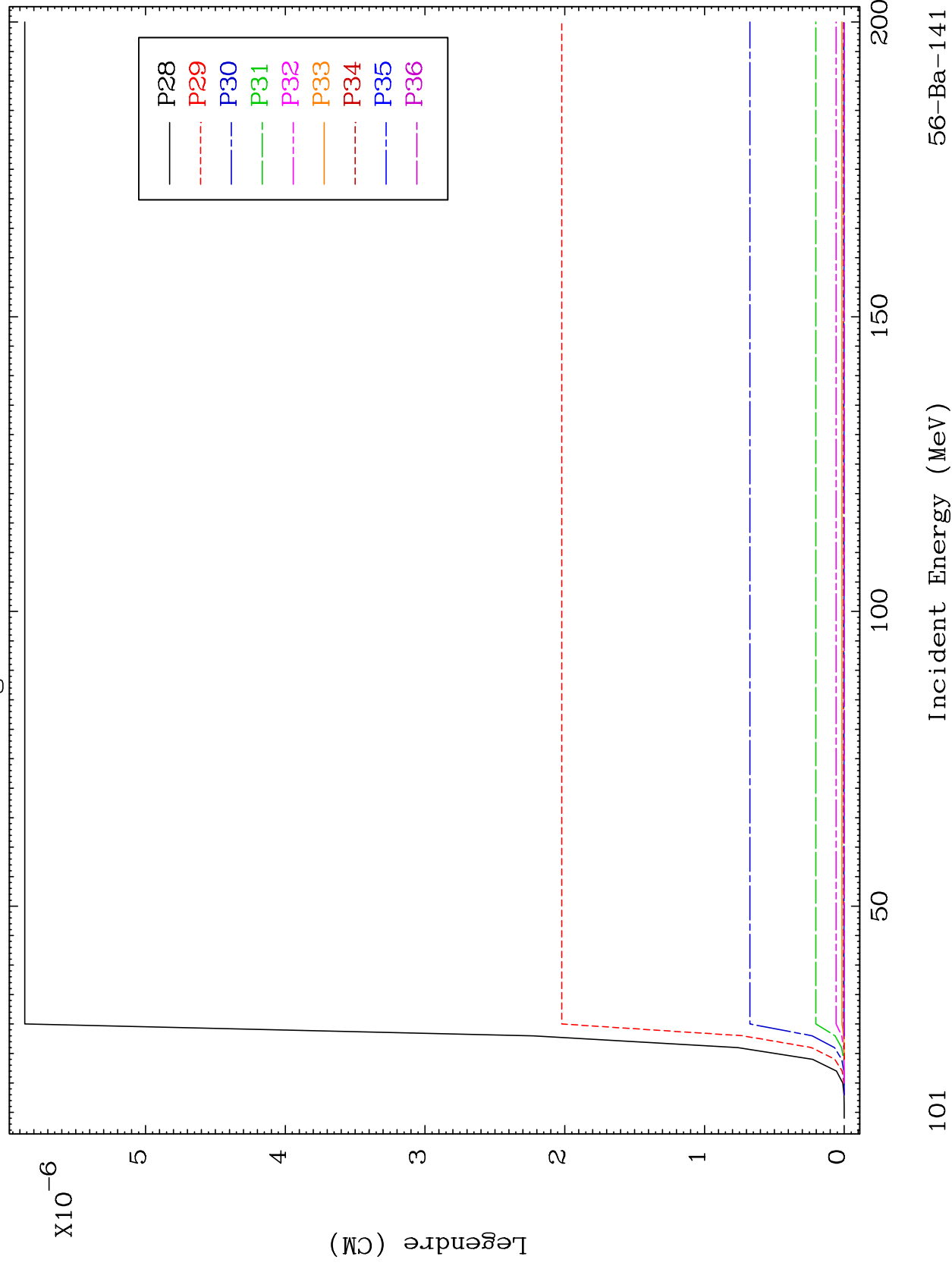


56-Ba-141

MAT 5658

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

56-Ba-141



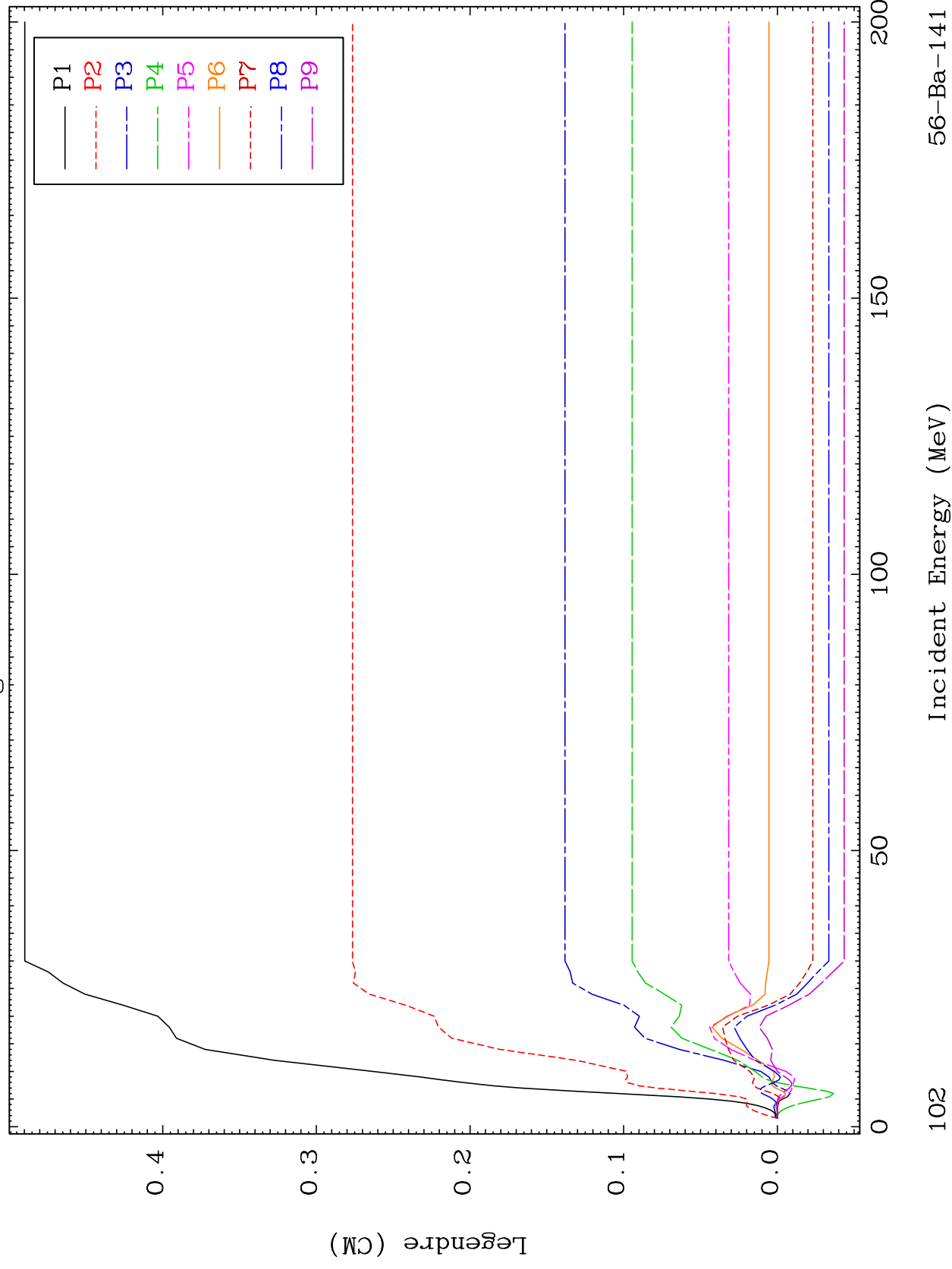
101

56-Ba-141

MAT 5658

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

56-Ba-141



56-Ba-141

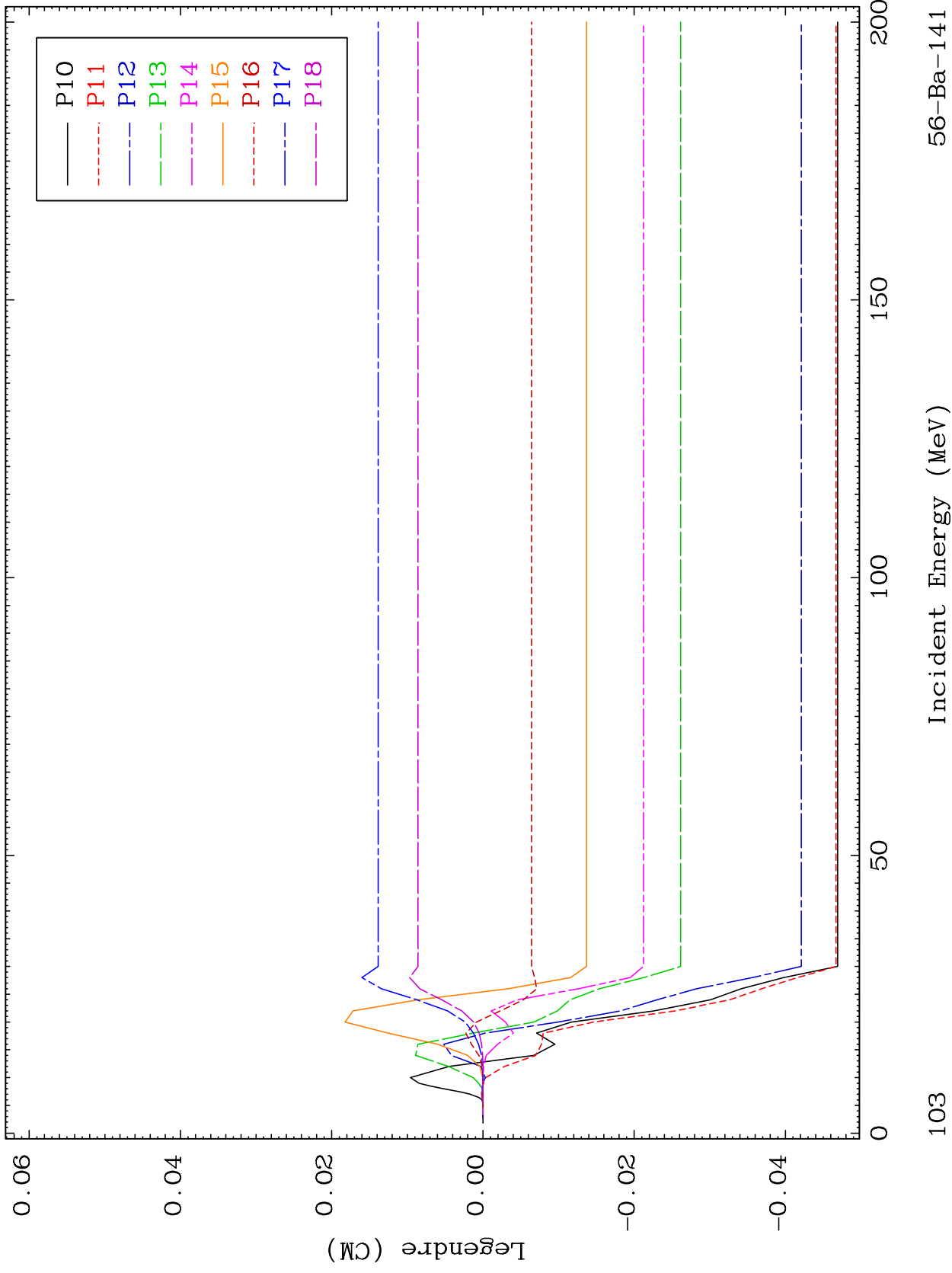
Incident Energy (MeV)

102

MAT 5658

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

56-Ba-141



56-Ba-141

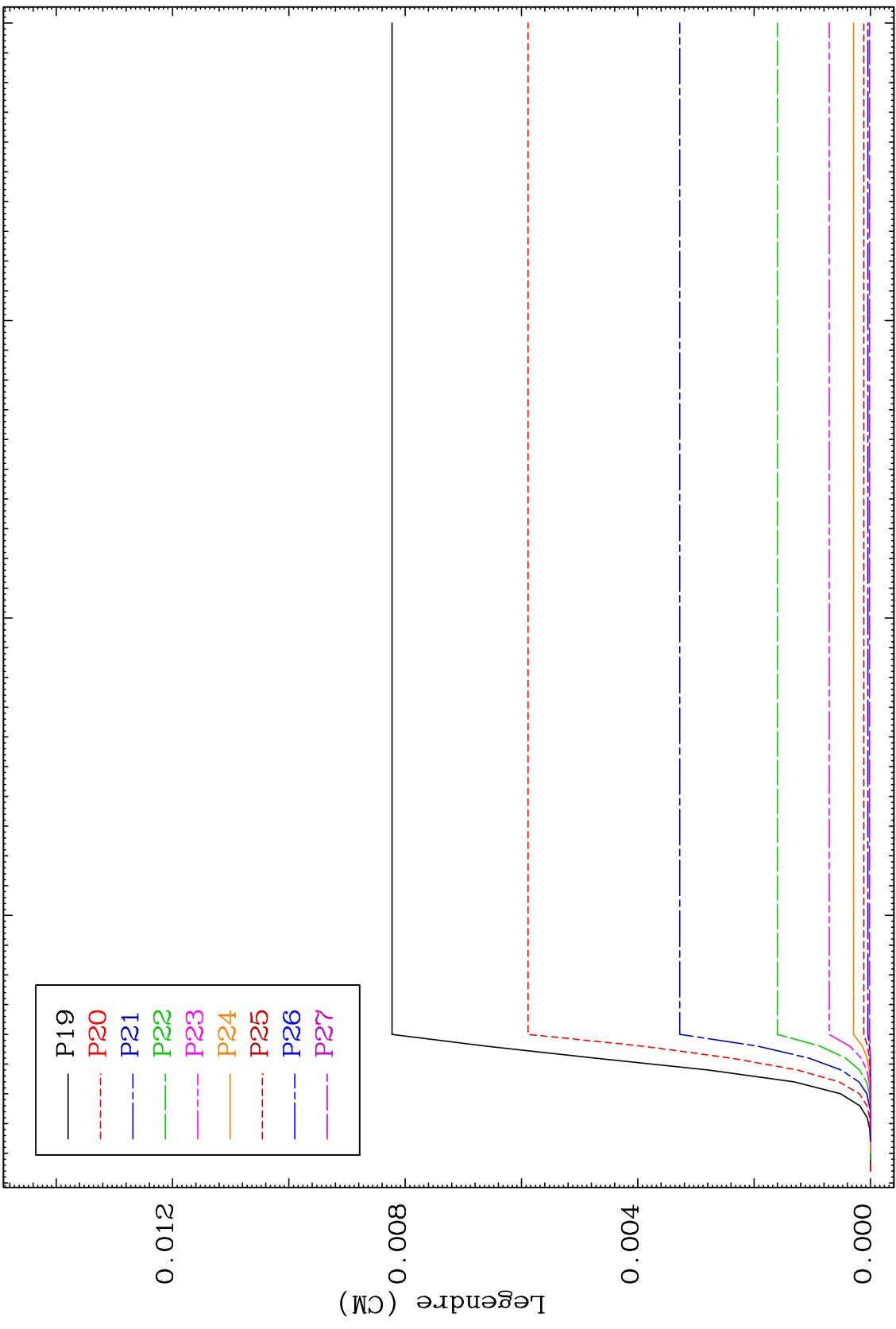
Incident Energy (MeV)

103

MAT 5658

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

56-Ba-141



104

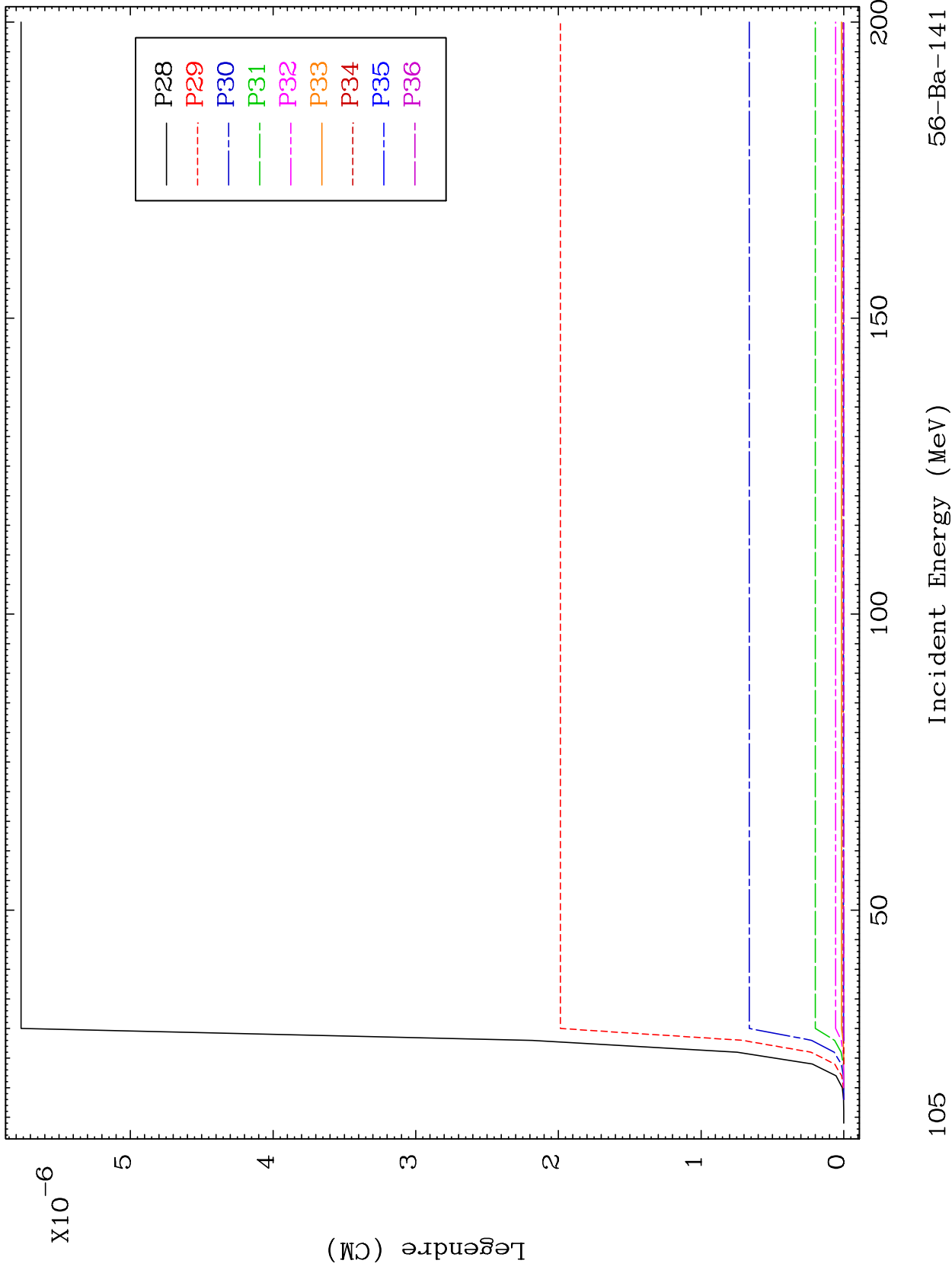
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

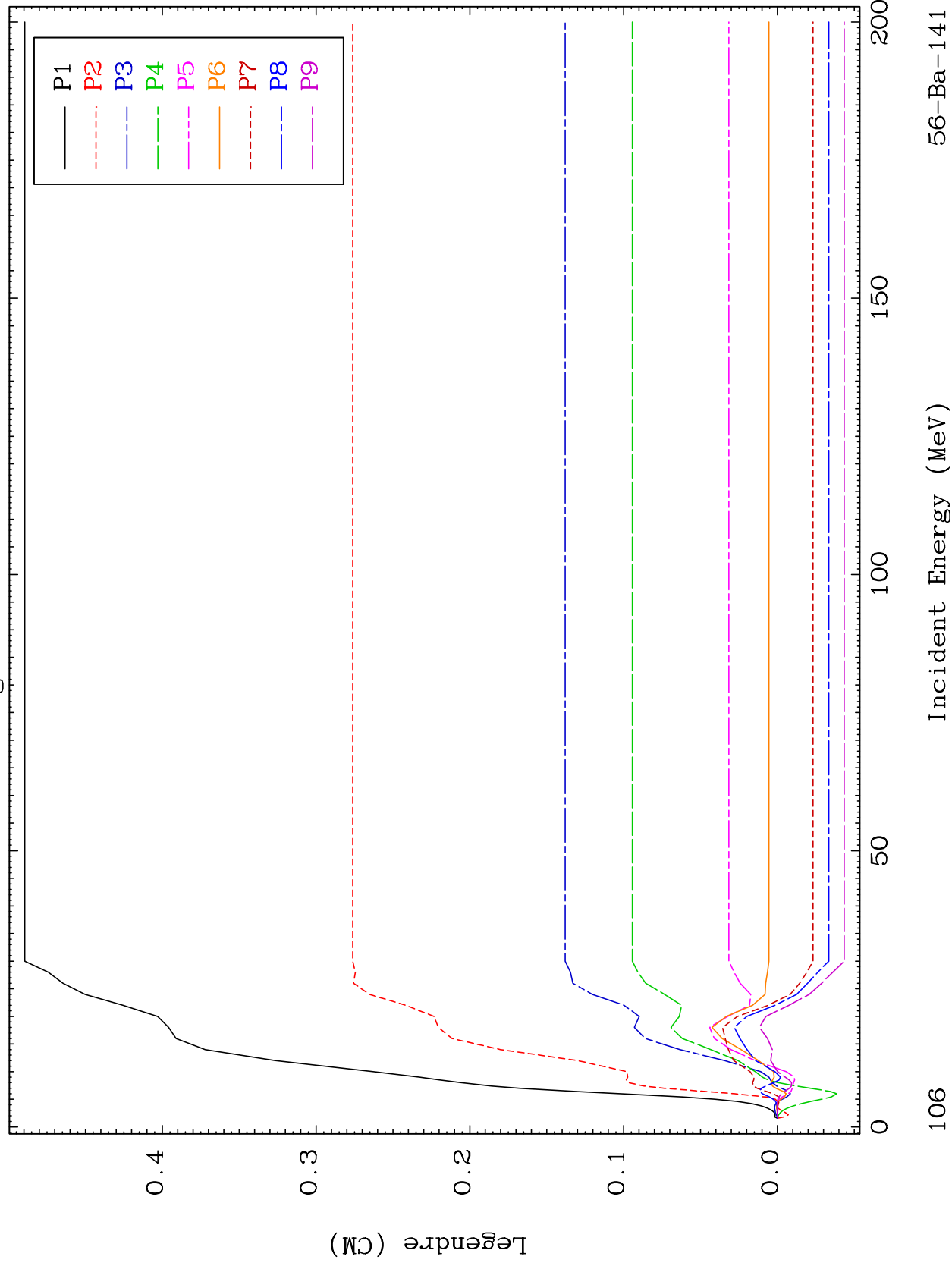
56-Ba-141



MAT 5658

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

56-Ba-141



56-Ba-141

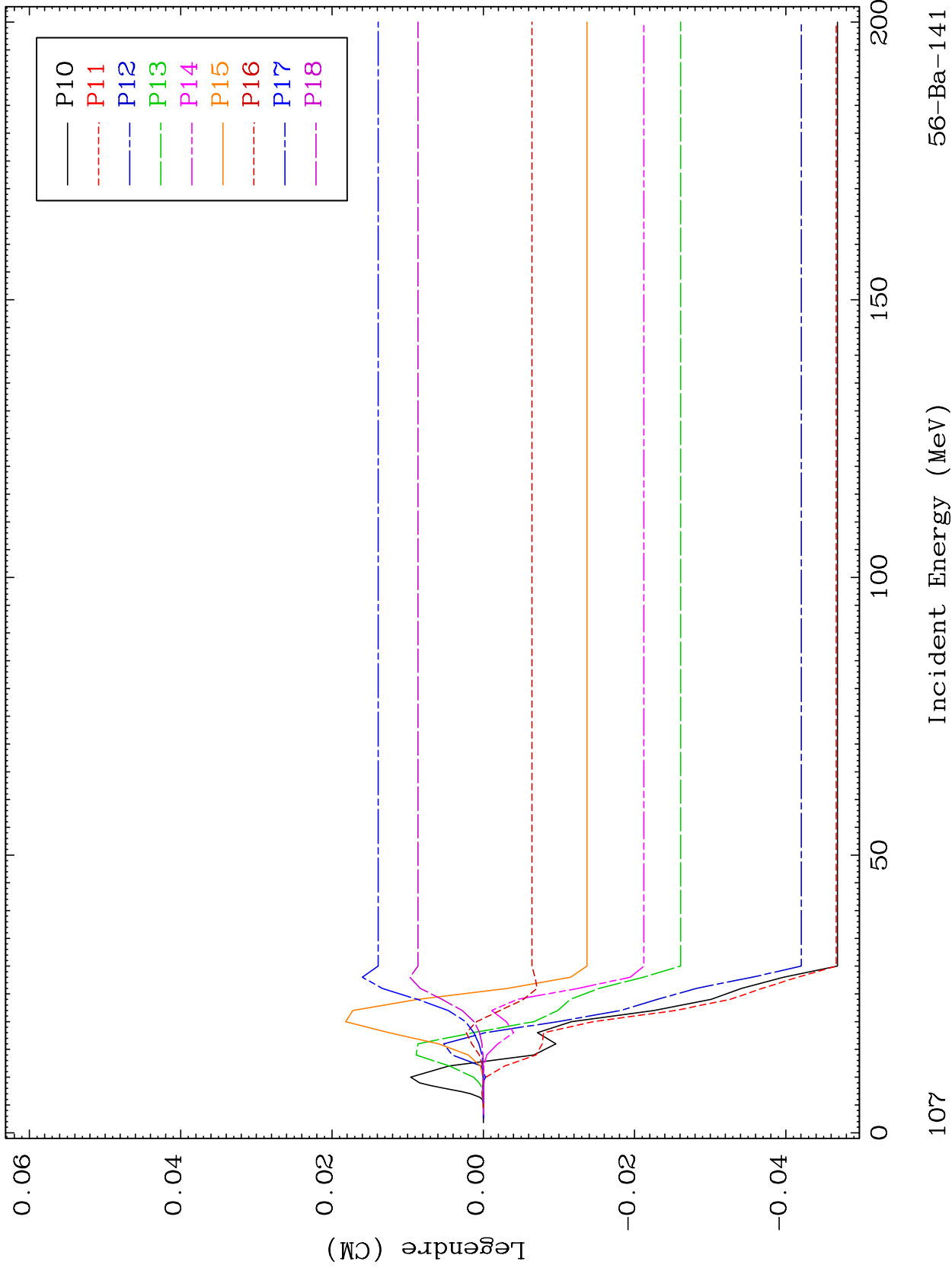
Incident Energy (MeV)

106

MAT 5658

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

56-Ba-141



56-Ba-141

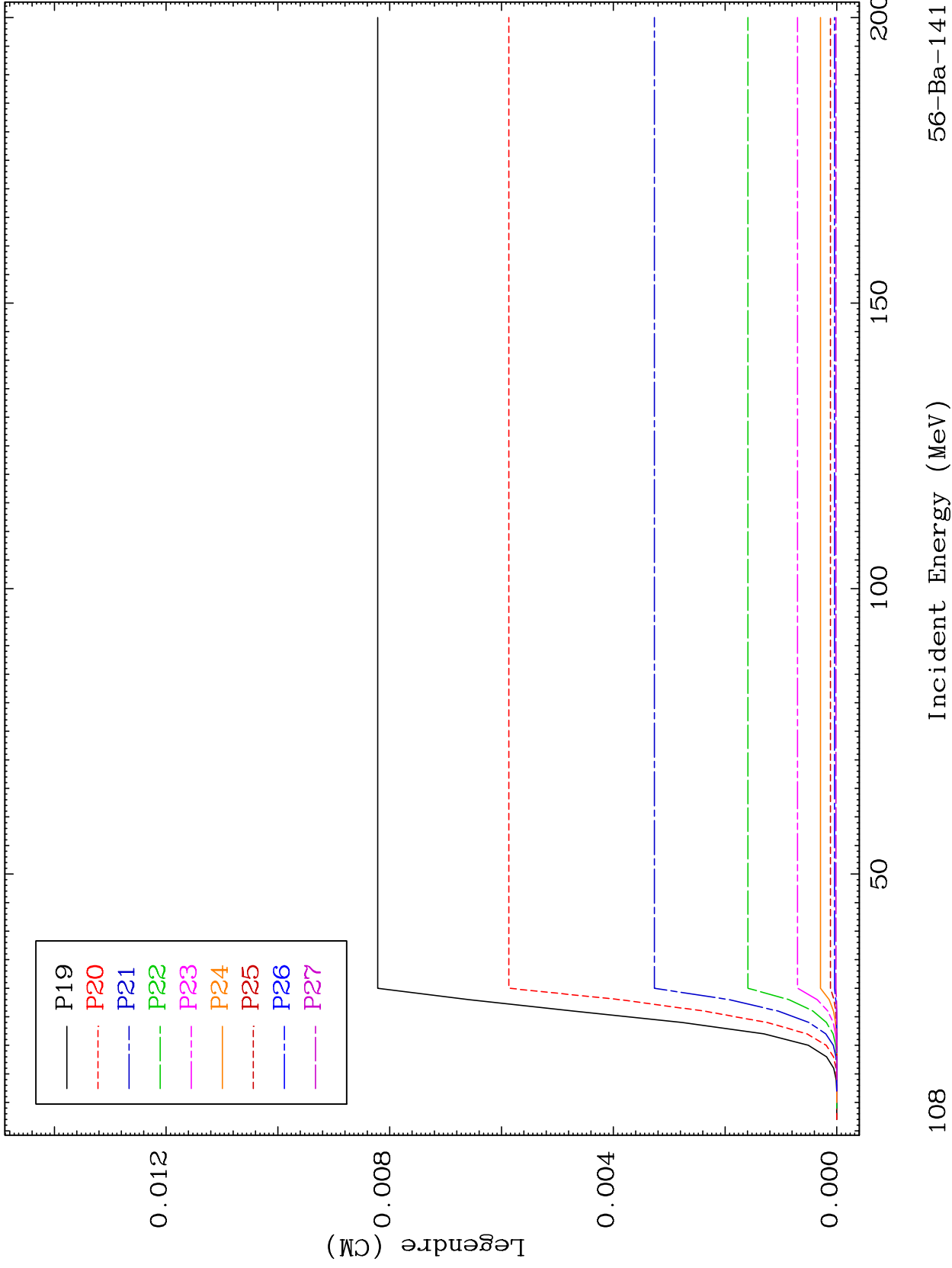
Incident Energy (MeV)

107

MAT 5658

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

56-Ba-141



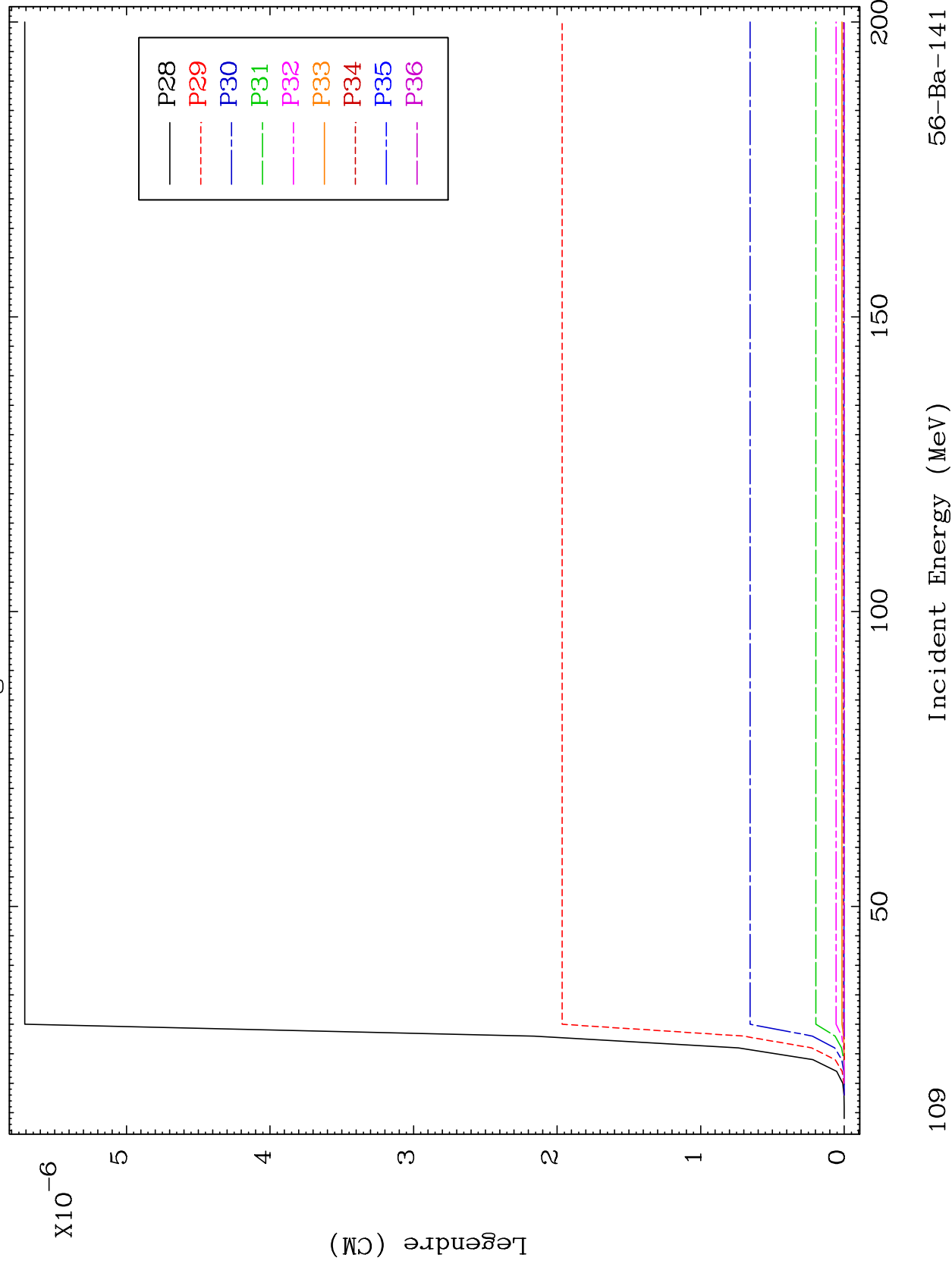
108

56-Ba-141

MAT 5658

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

56-Ba-141



109

Incident Energy (MeV)

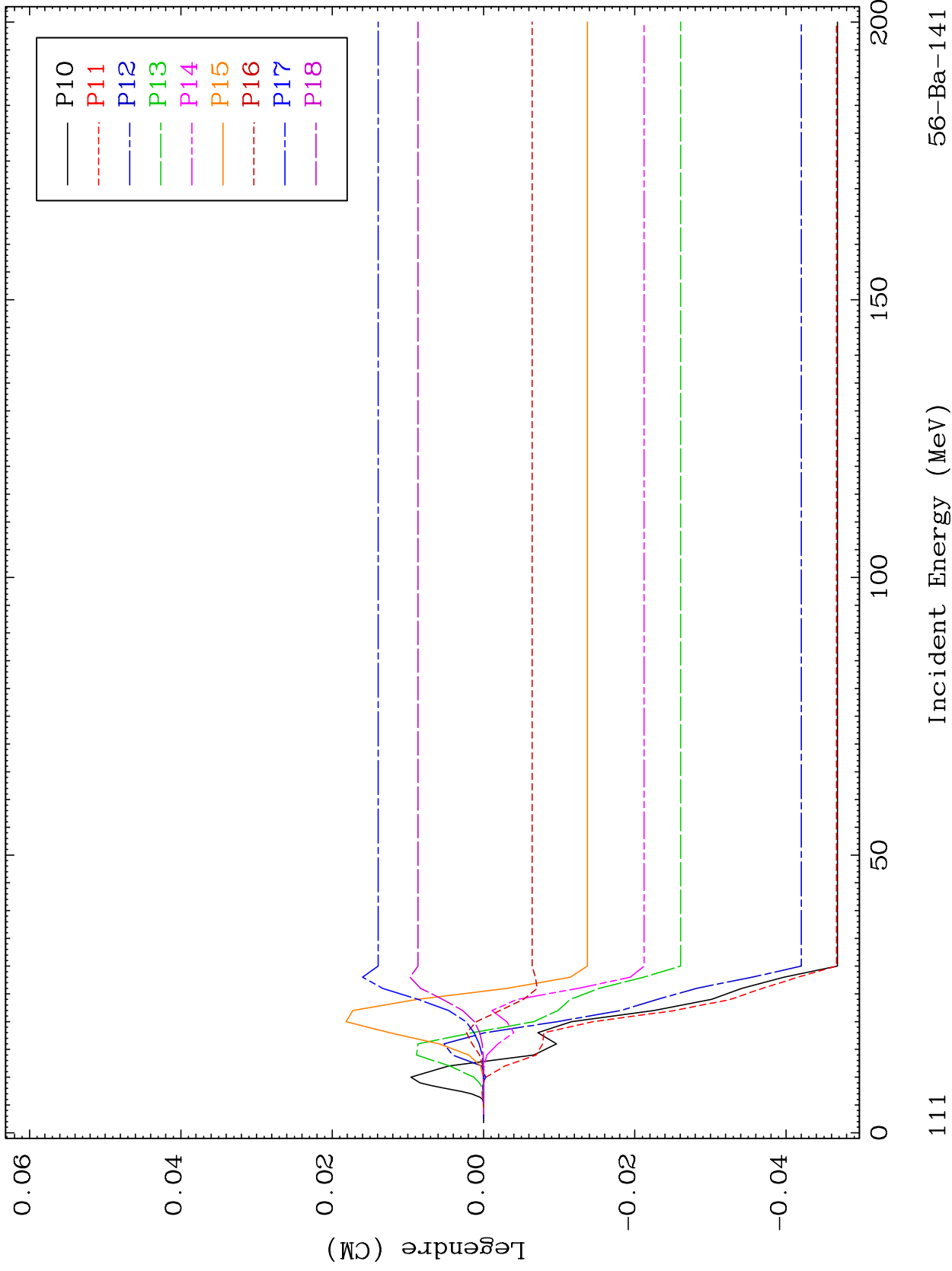
56-Ba-141



MAT 5658

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

56-Ba-141



111

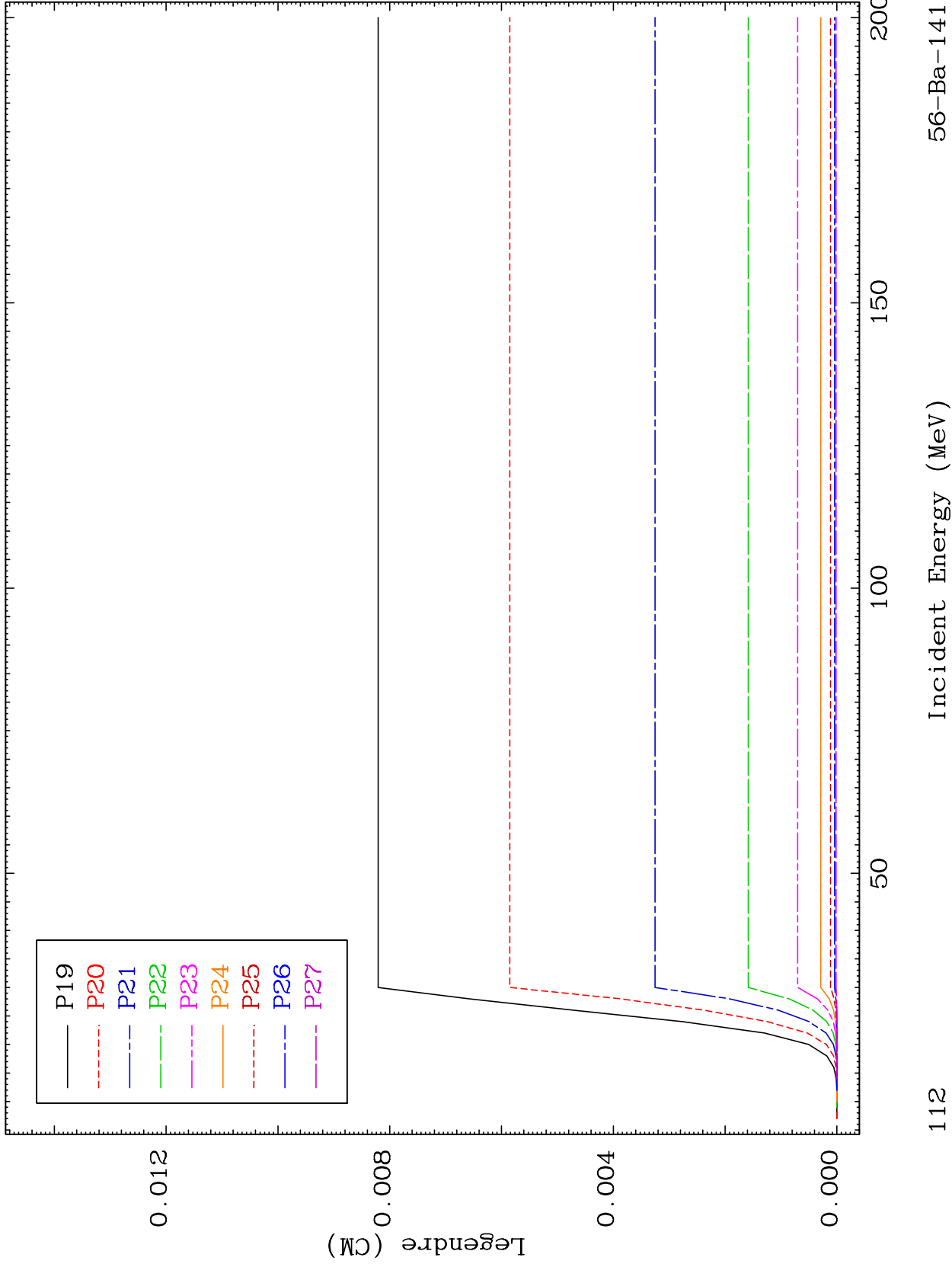
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



112

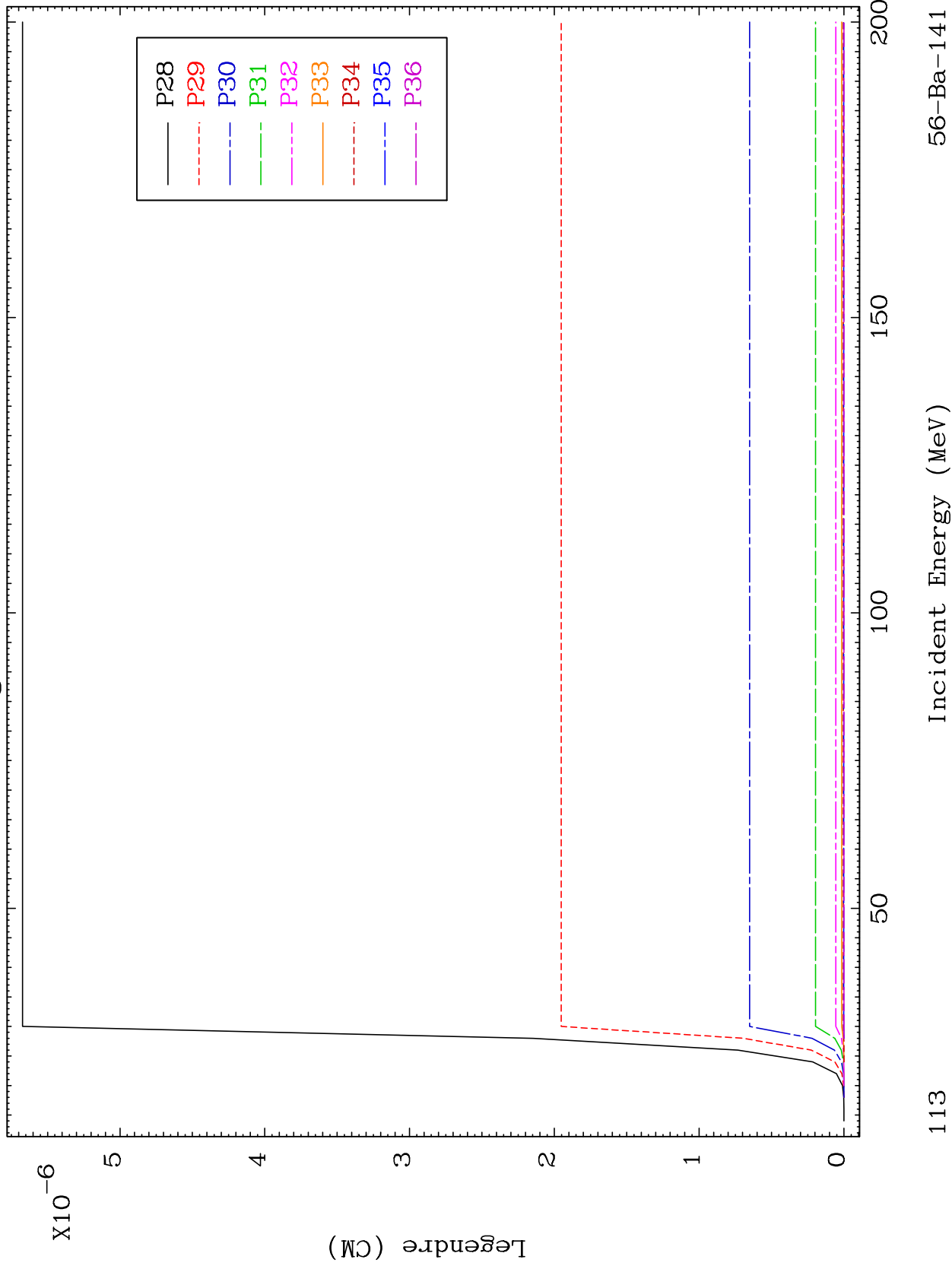
Incident Energy (MeV)

56-Ba-141

MAT 5658

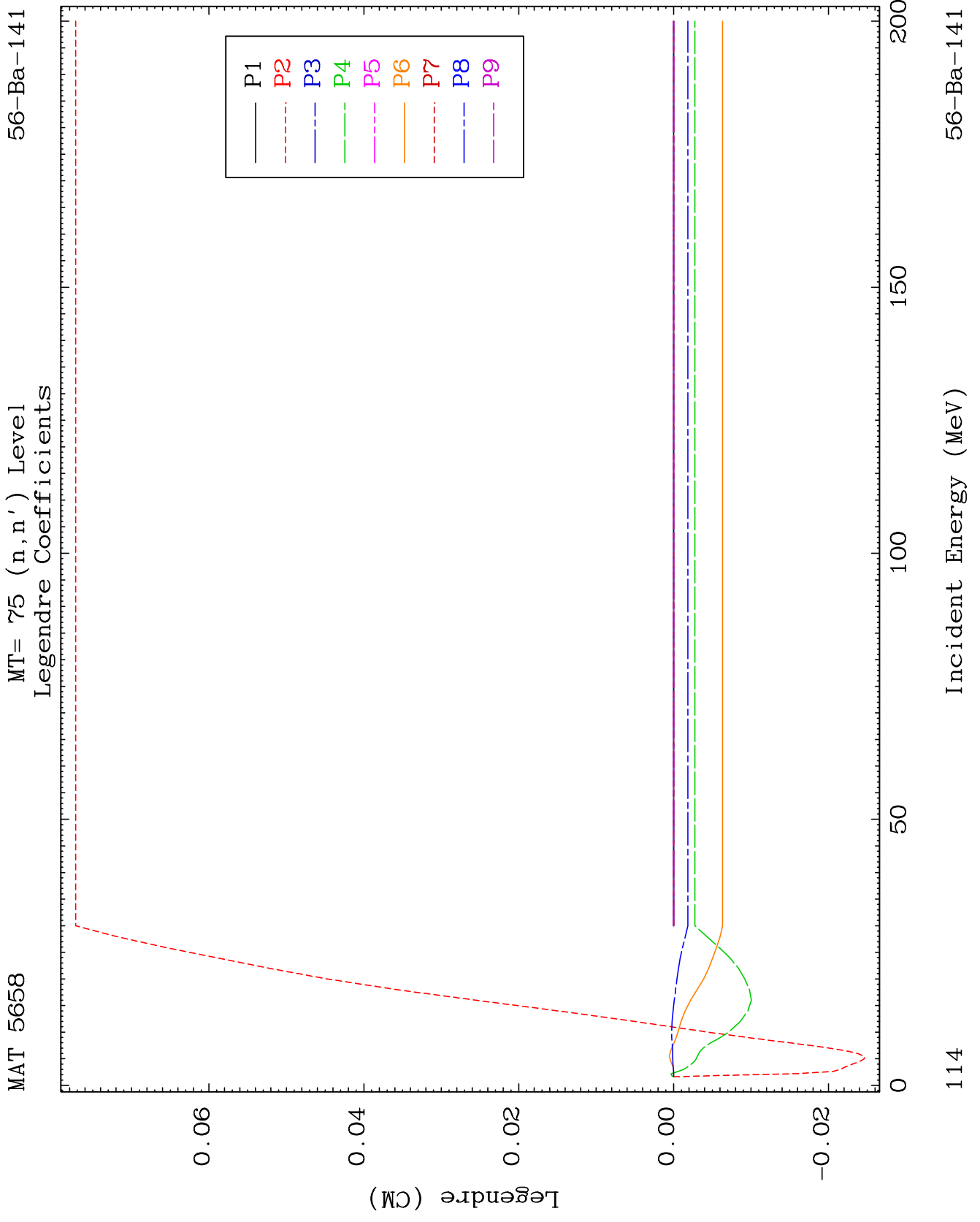
MT= 74 (n,n') Level  
Legendre Coefficients

56-Ba-141



113

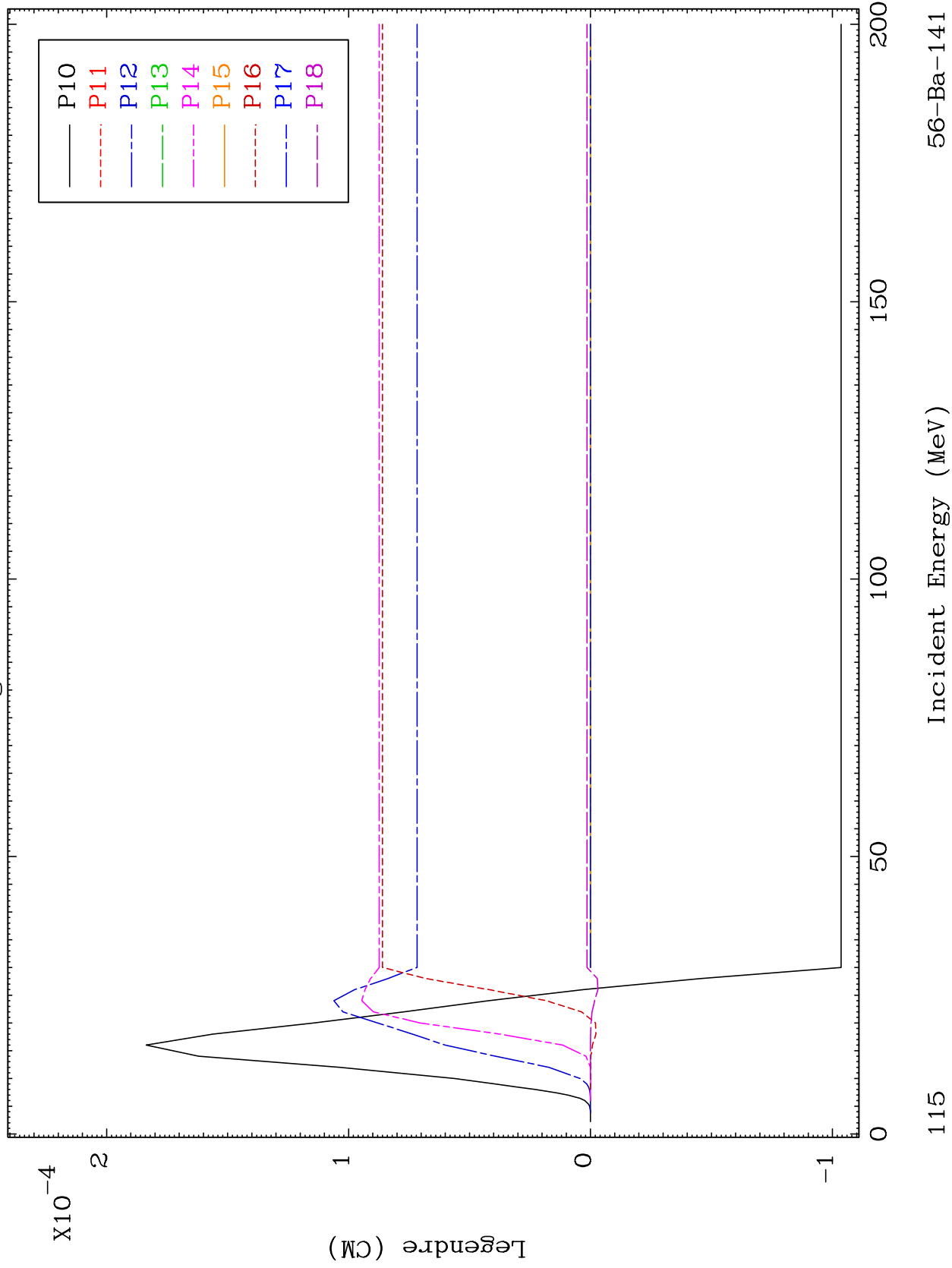
56-Ba-141



MAT 5658

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

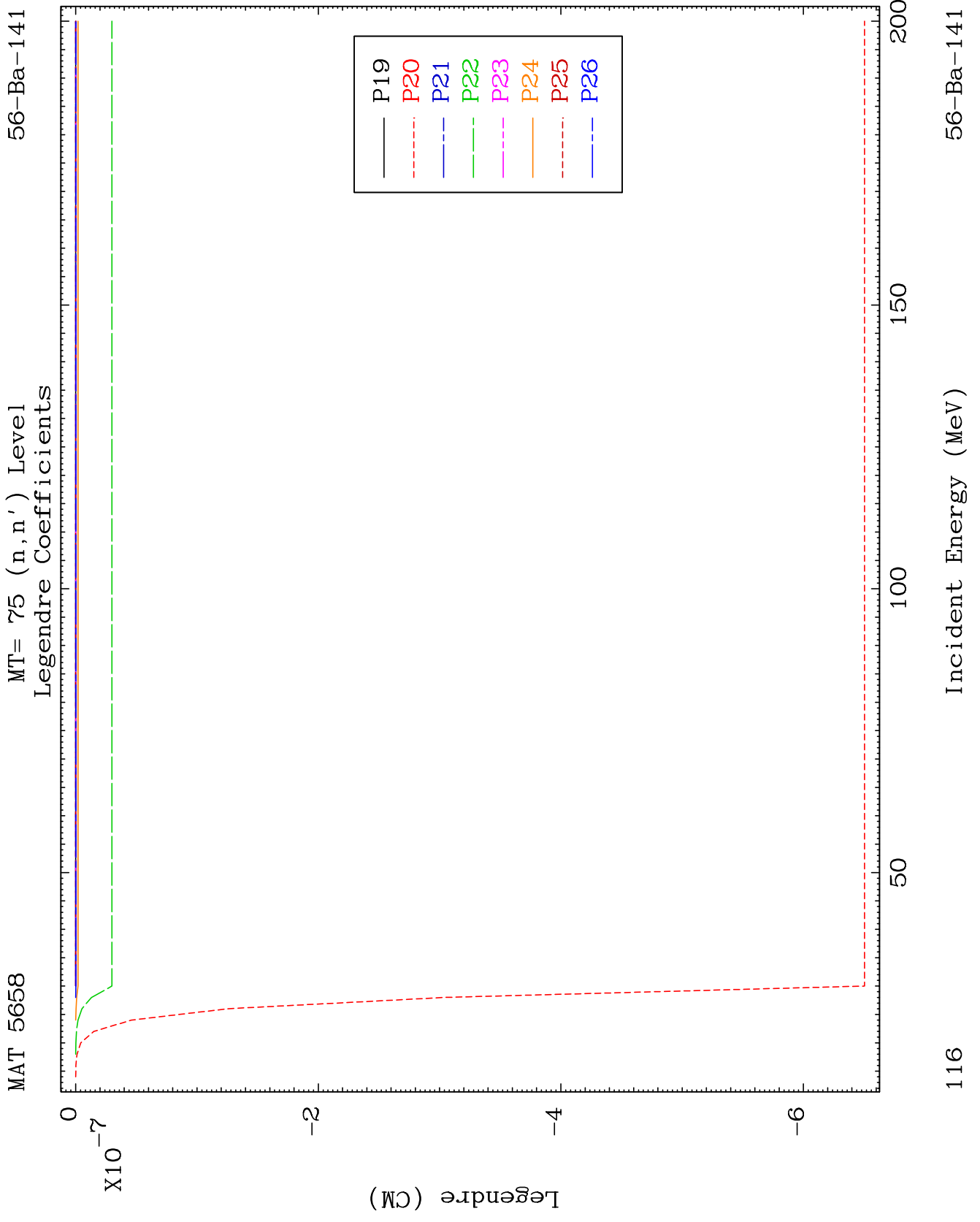
56-Ba-141



56-Ba-141

Incident Energy (MeV)

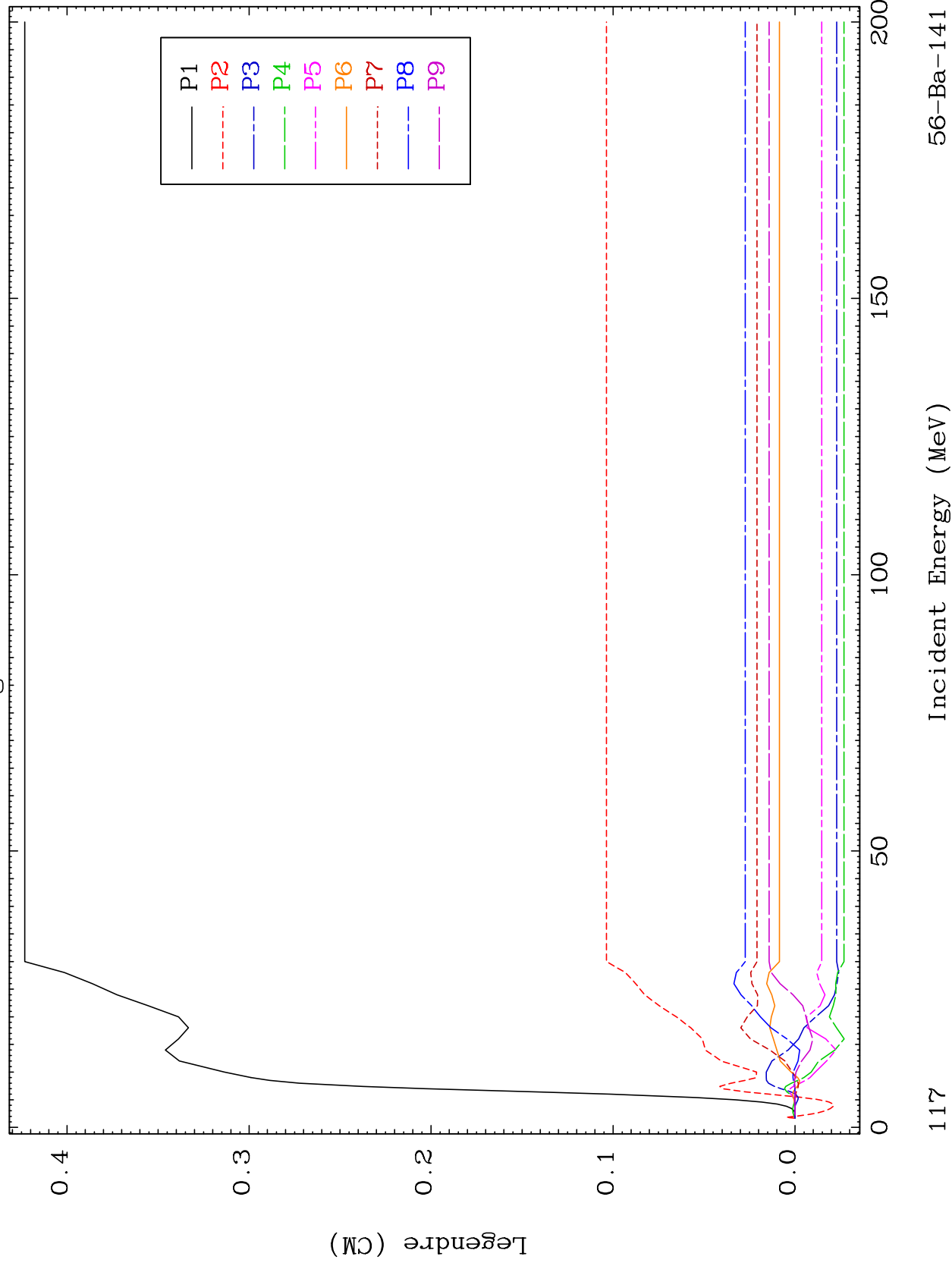
115



MAT 5658

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

56-Ba-141



56-Ba-141

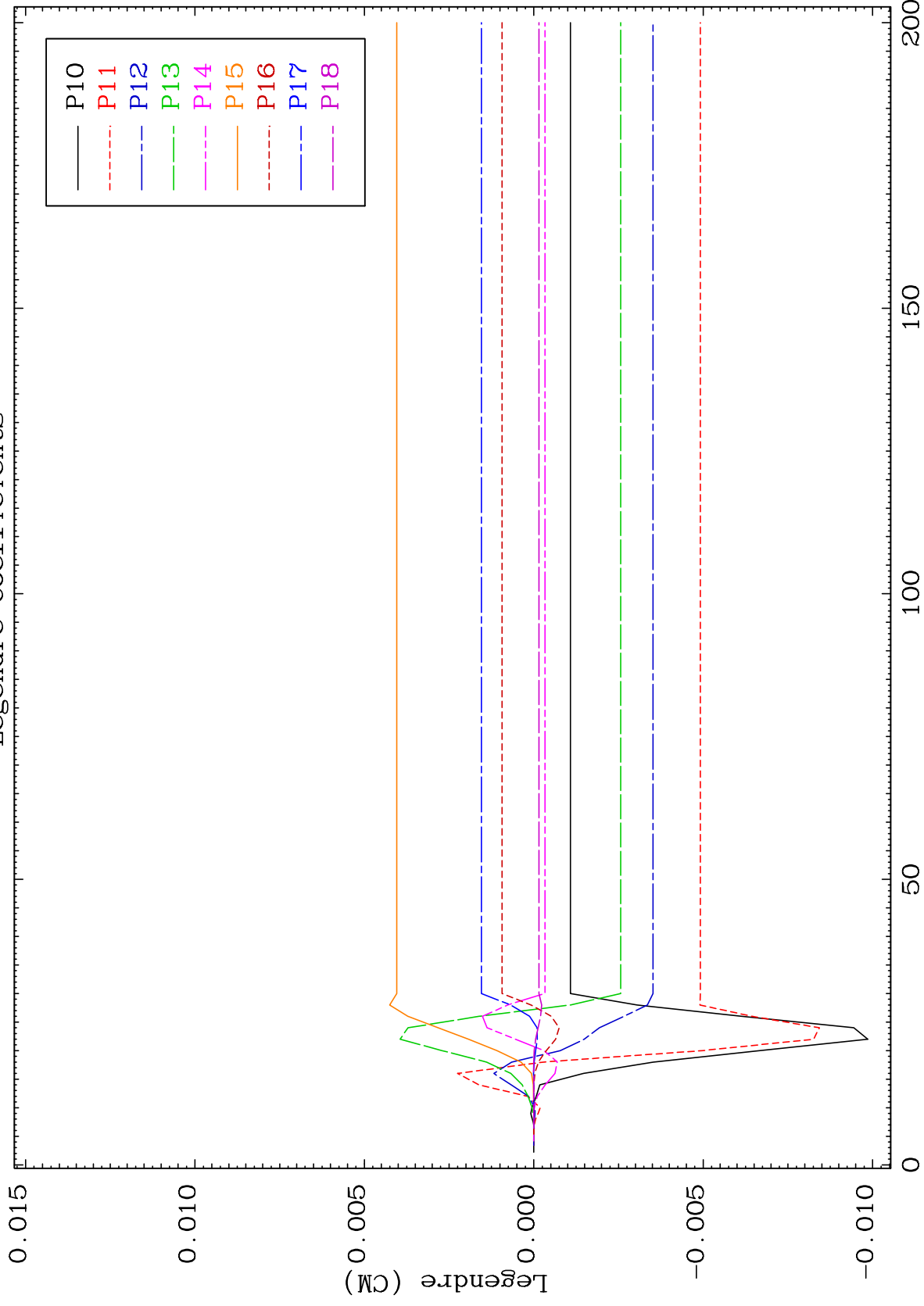
Incident Energy (MeV)

117

MAT 5658

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

56-Ba-141



118

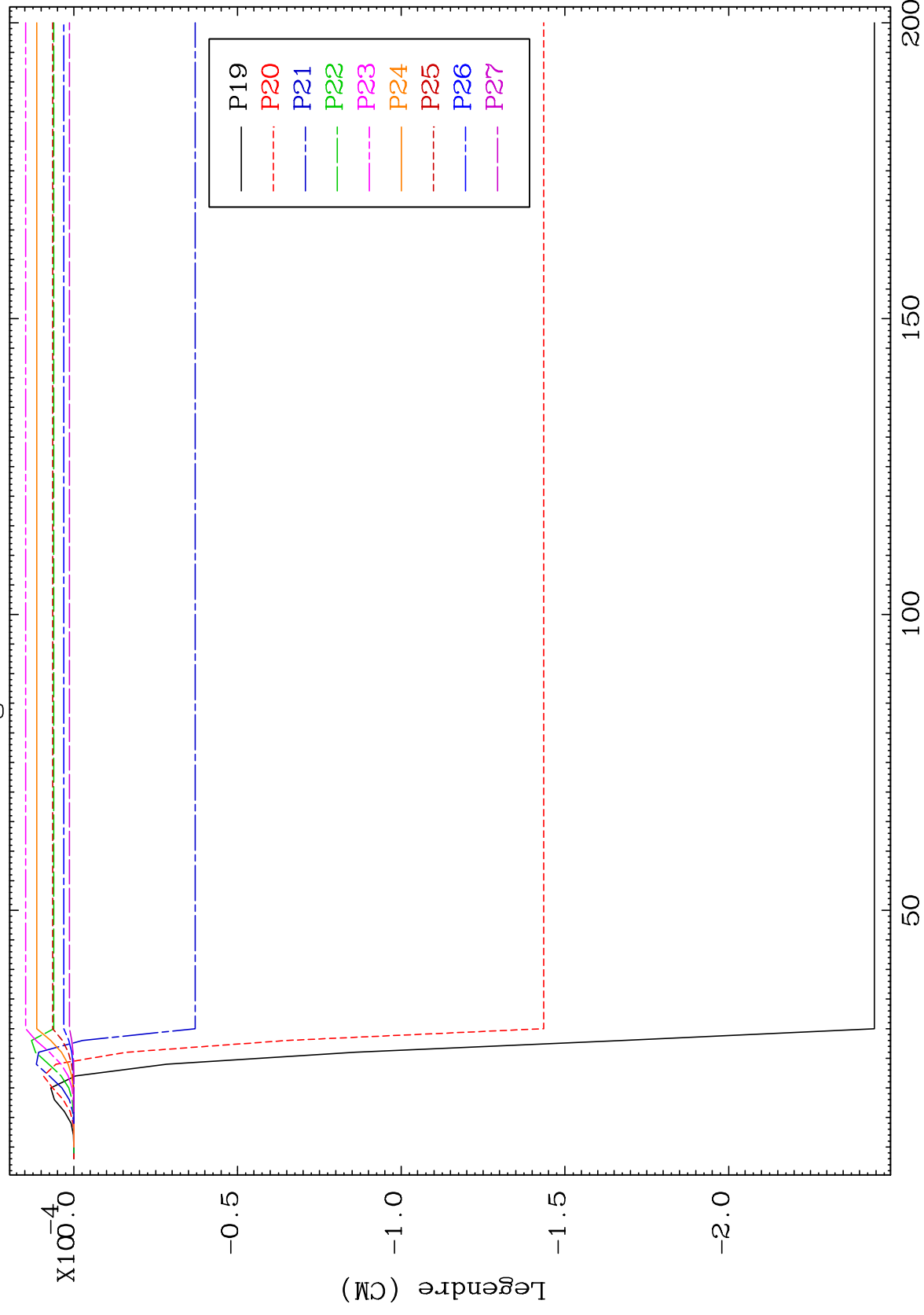
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

56-Ba-141



119

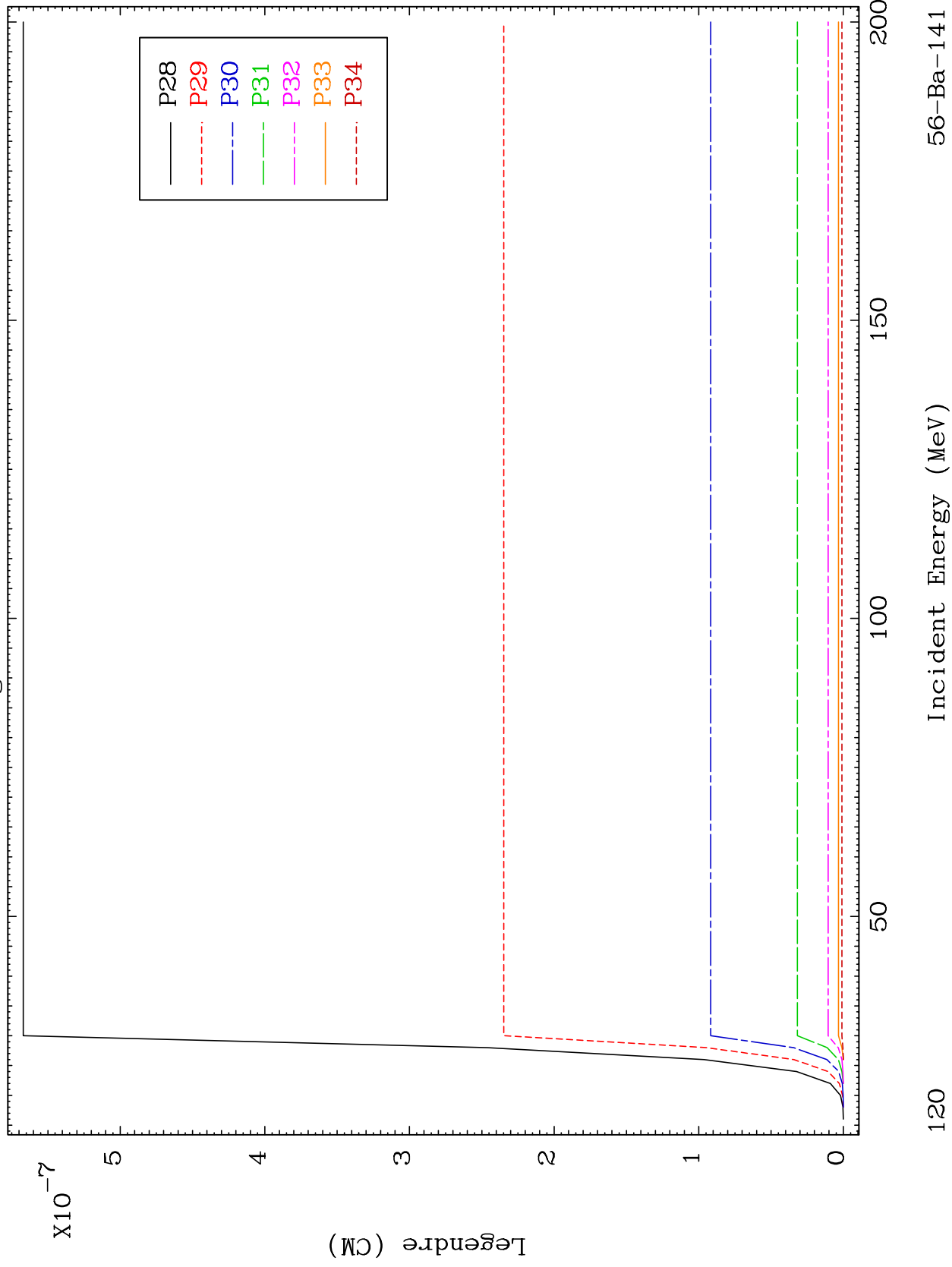
Incident Energy (MeV)

56-Ba-141

MAT 5658

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

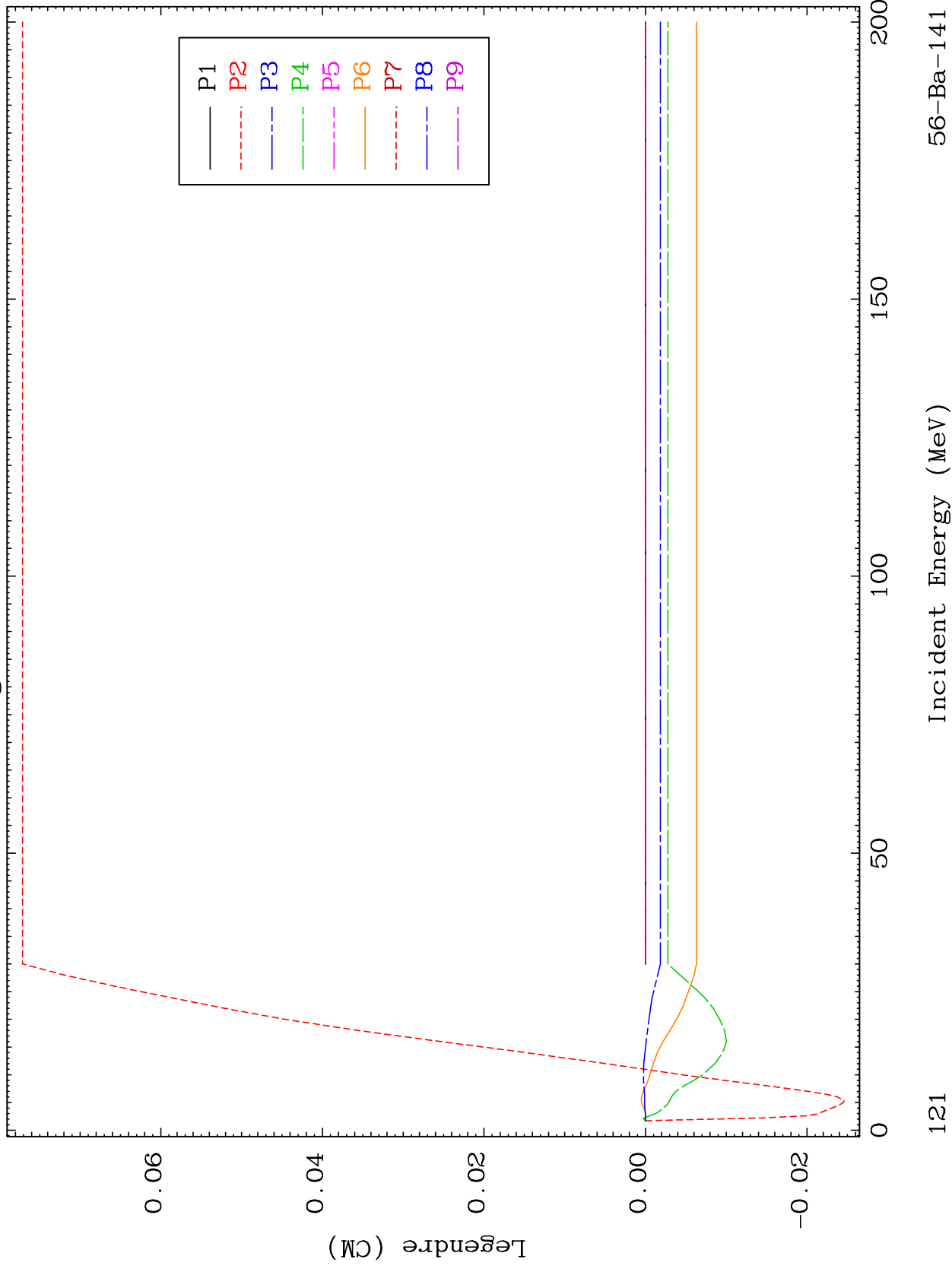
56-Ba-141



MAT 5658

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

56-Ba-141



56-Ba-141

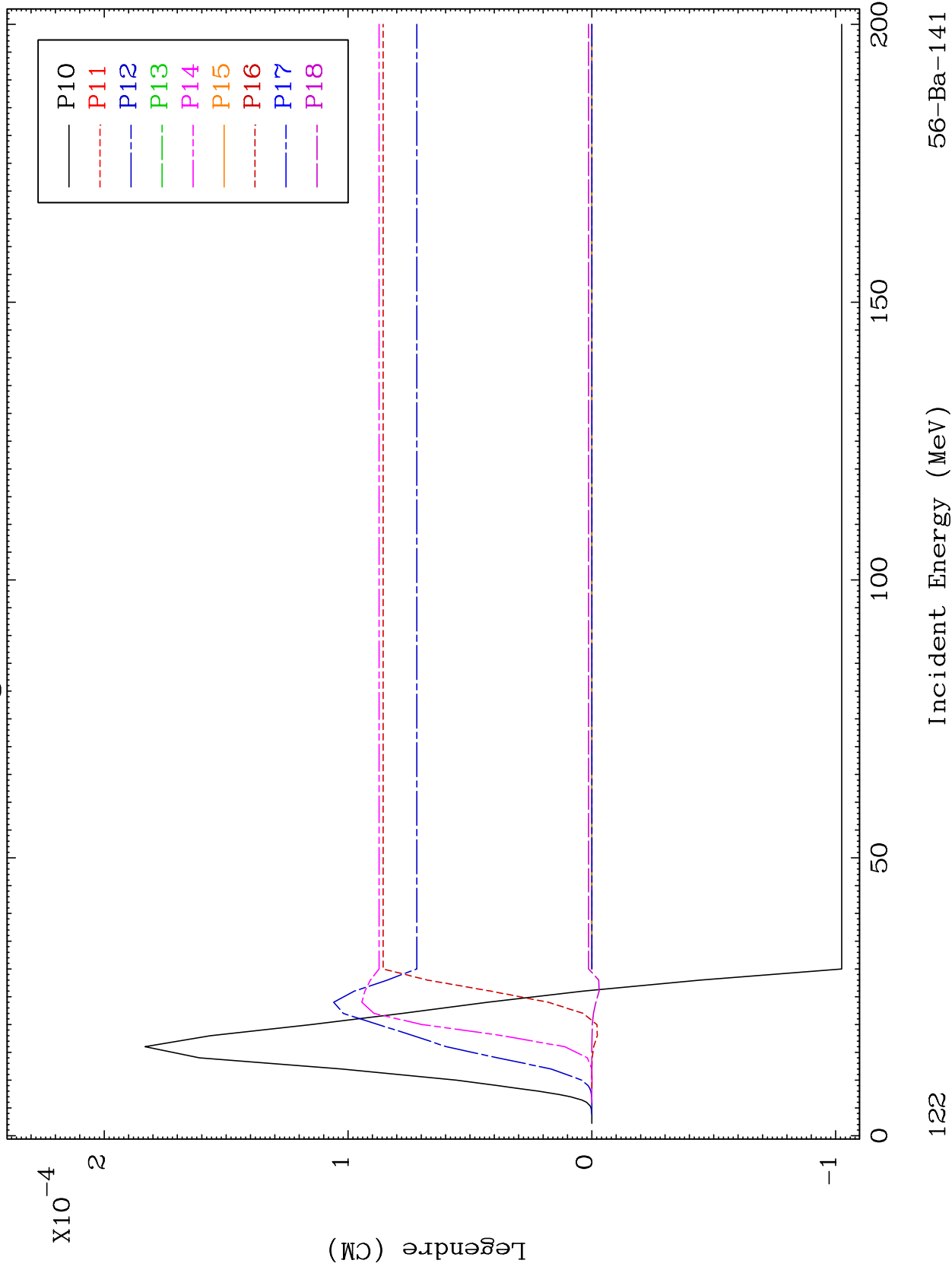
Incident Energy (MeV)

121

MAT 5658

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

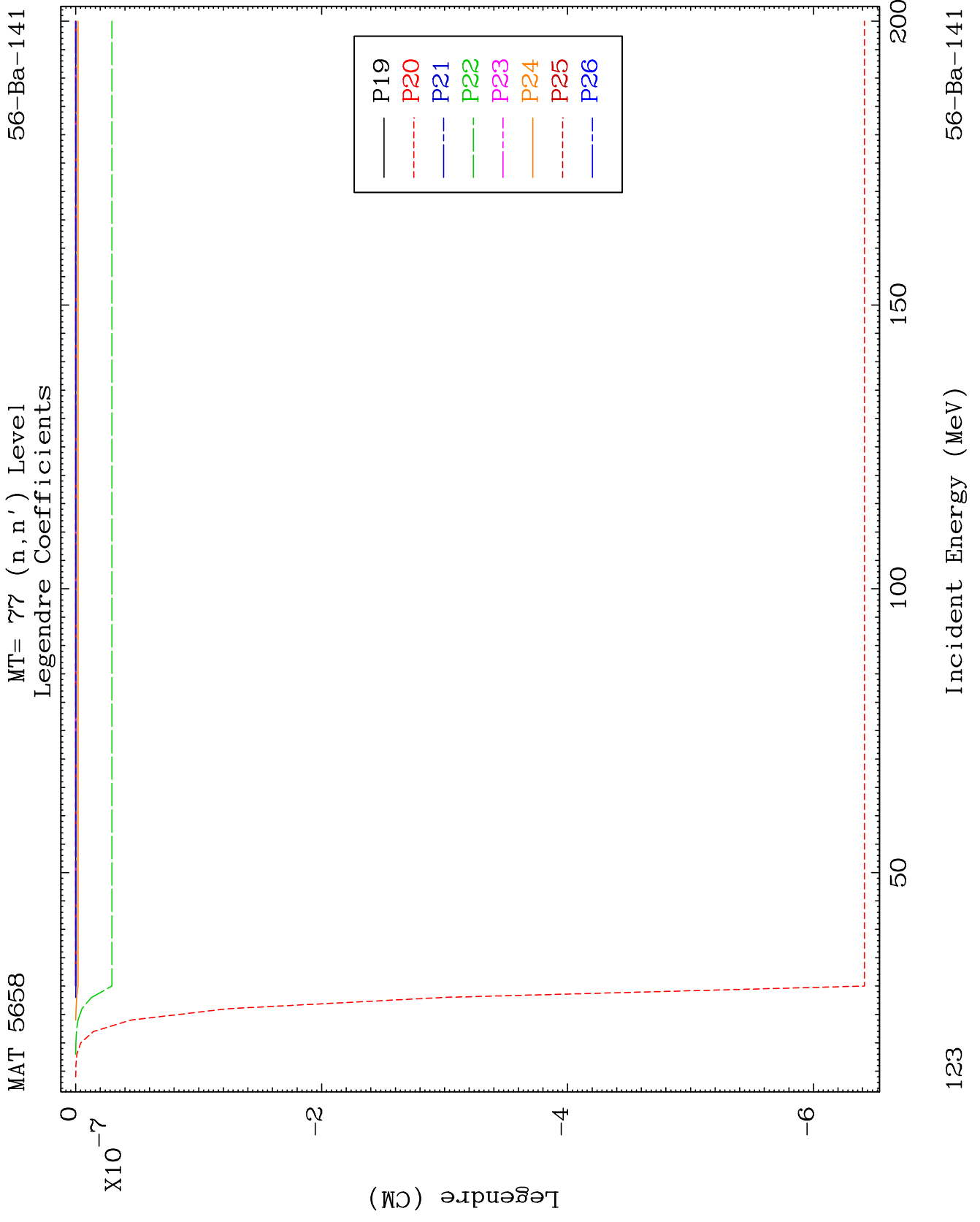
56-Ba-141



122

Incident Energy (MeV)

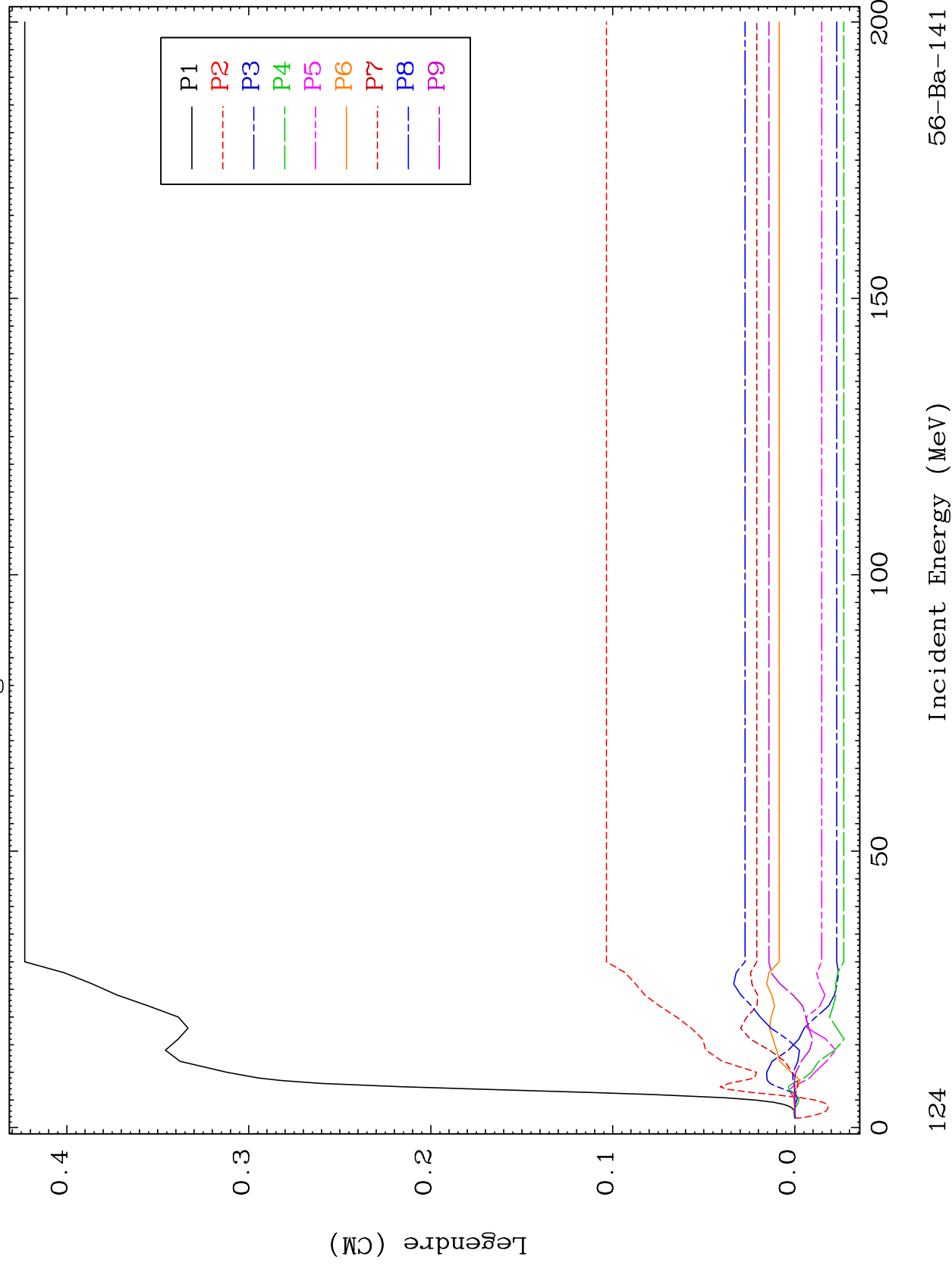
56-Ba-141



MAT 5658

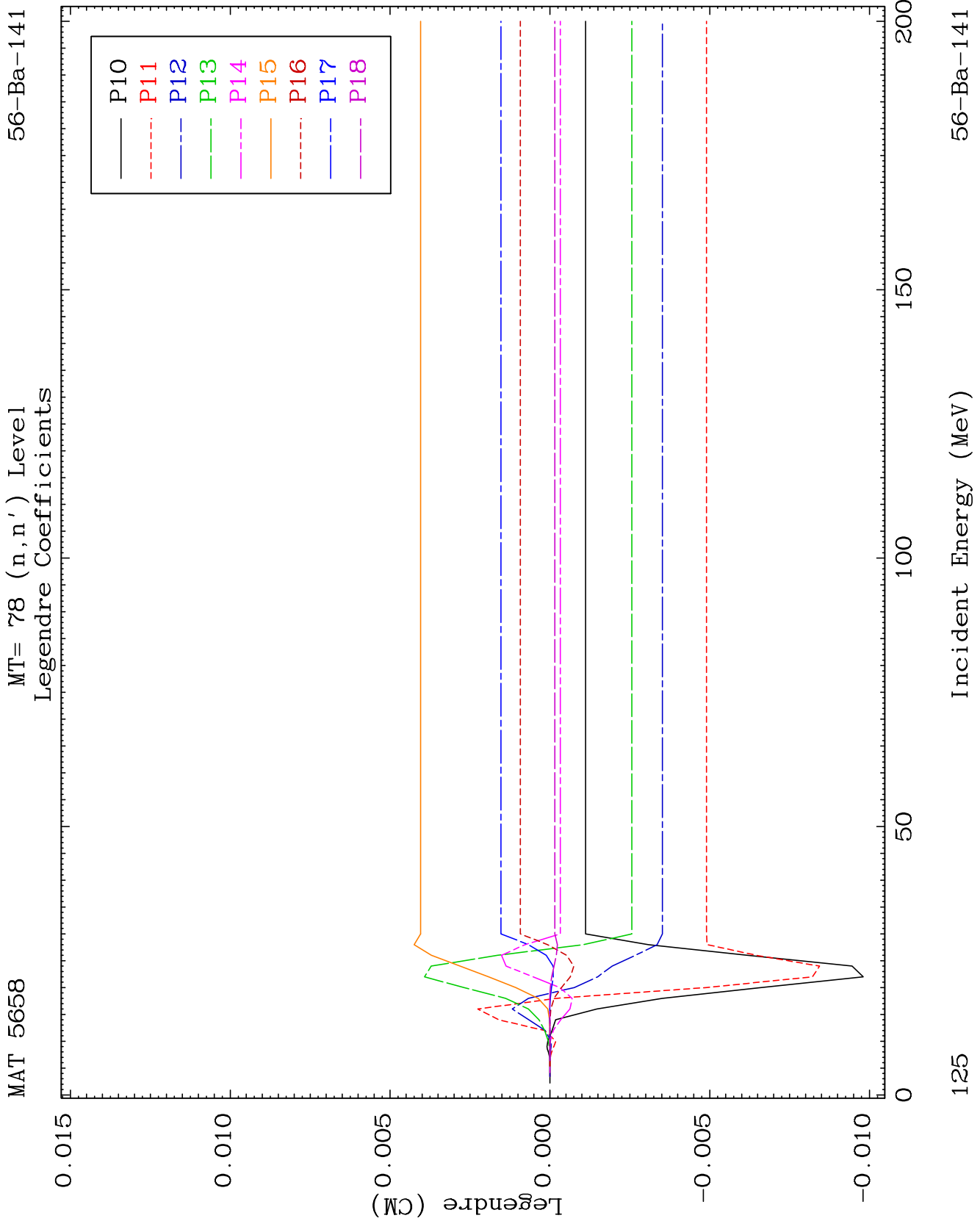
MT= 78 (n,n') Level  
Legendre Coefficients

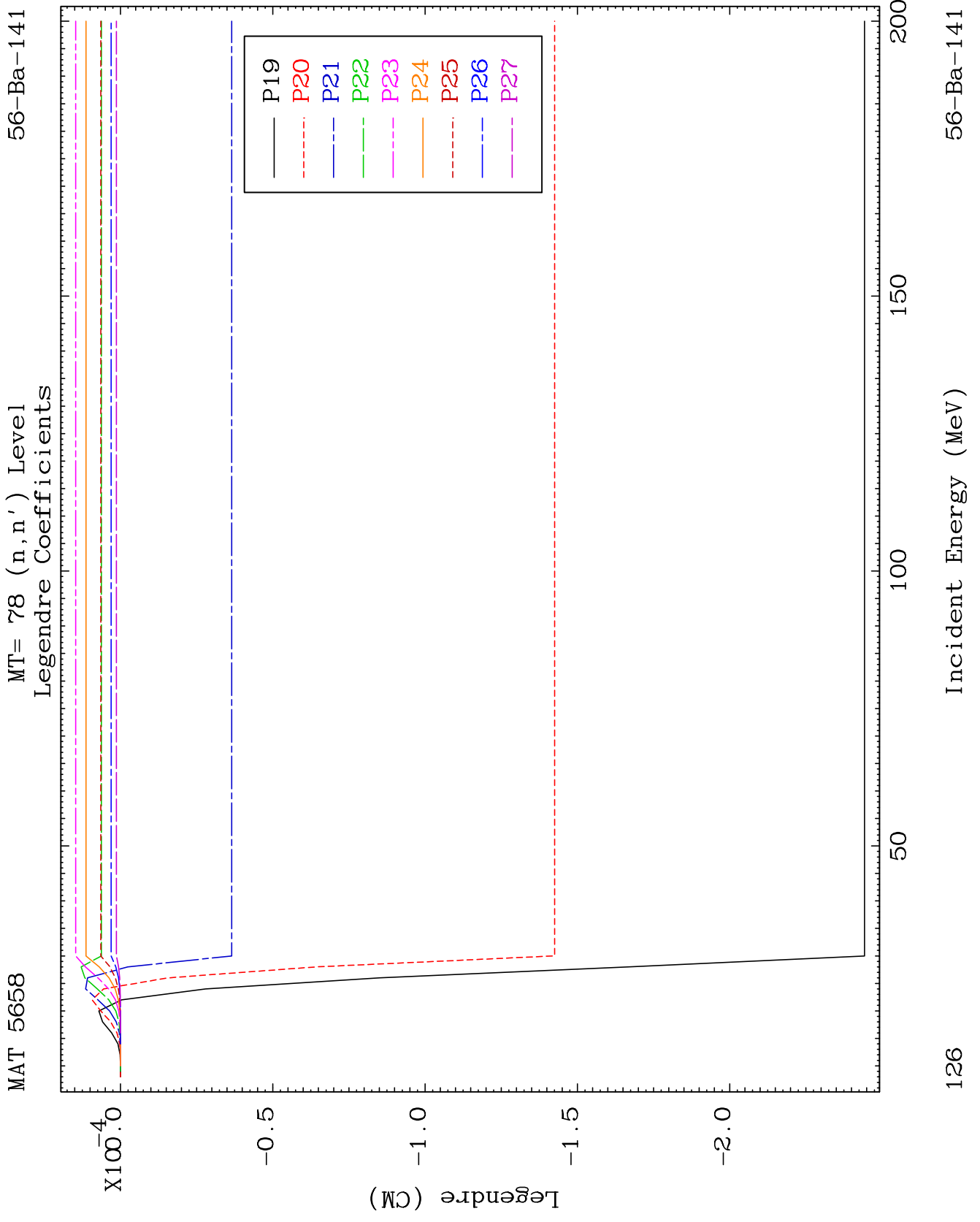
56-Ba-141



124

56-Ba-141

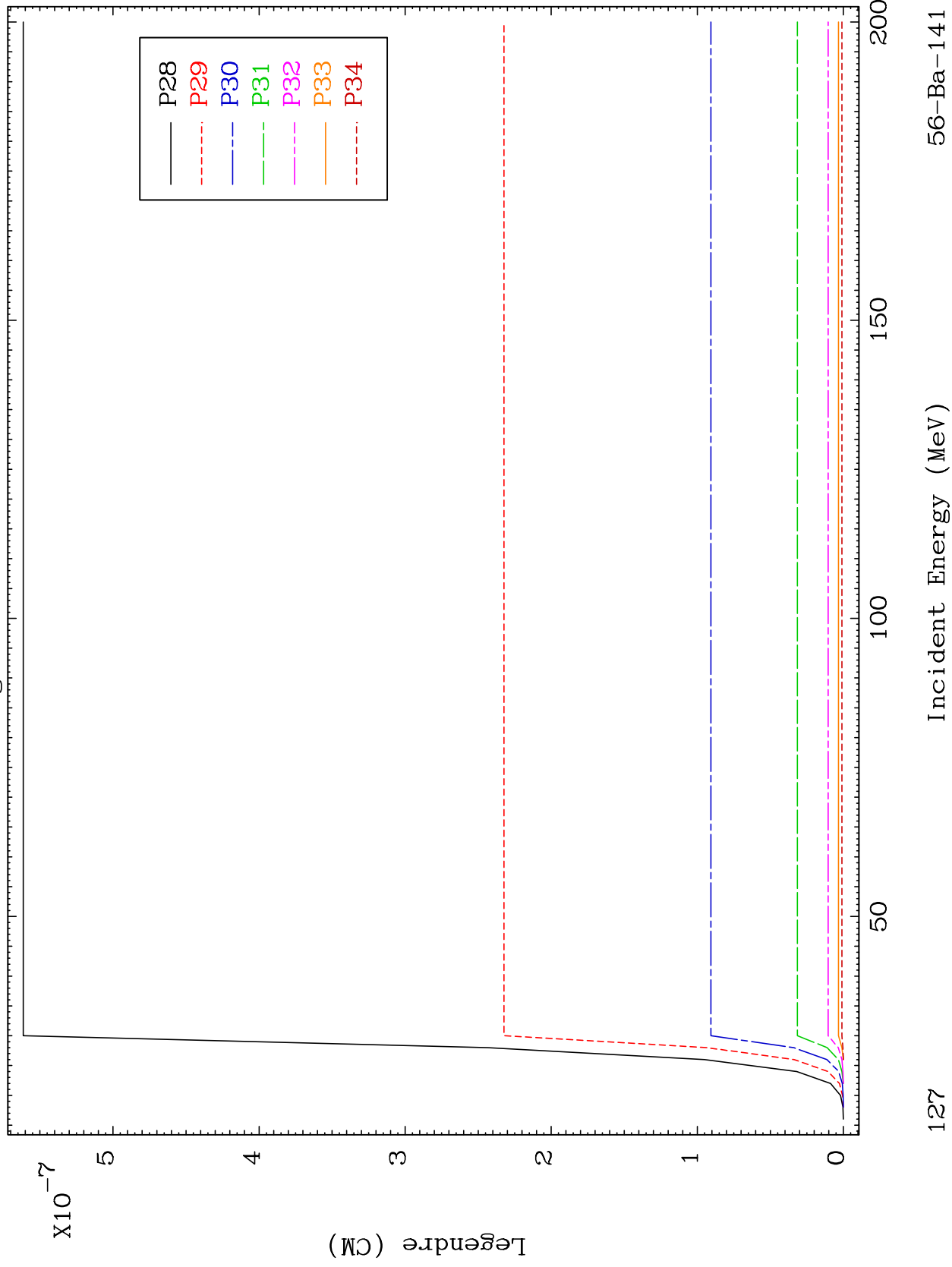




MAT 5658

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

56-Ba-141

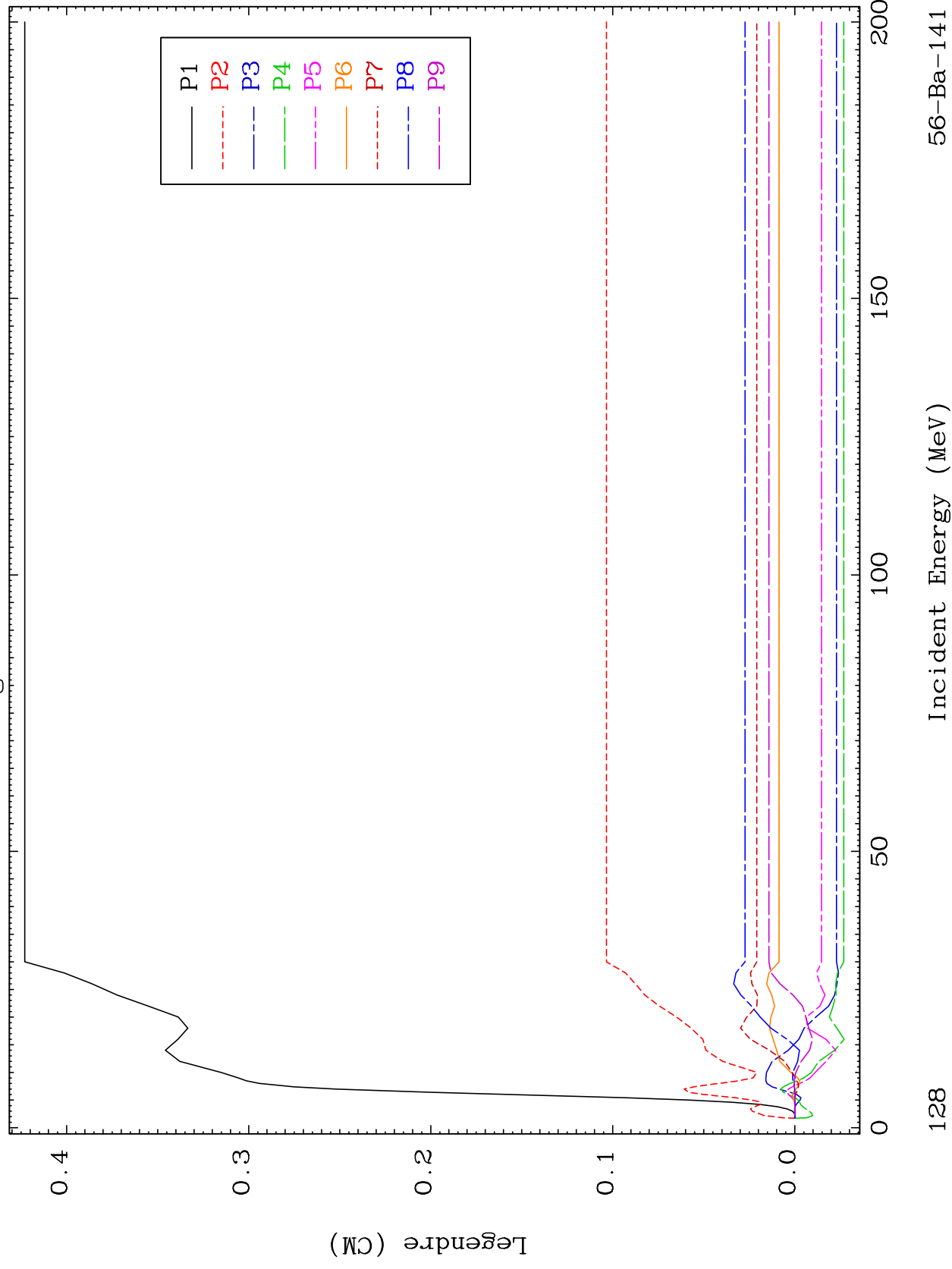


127

MAT 5658

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

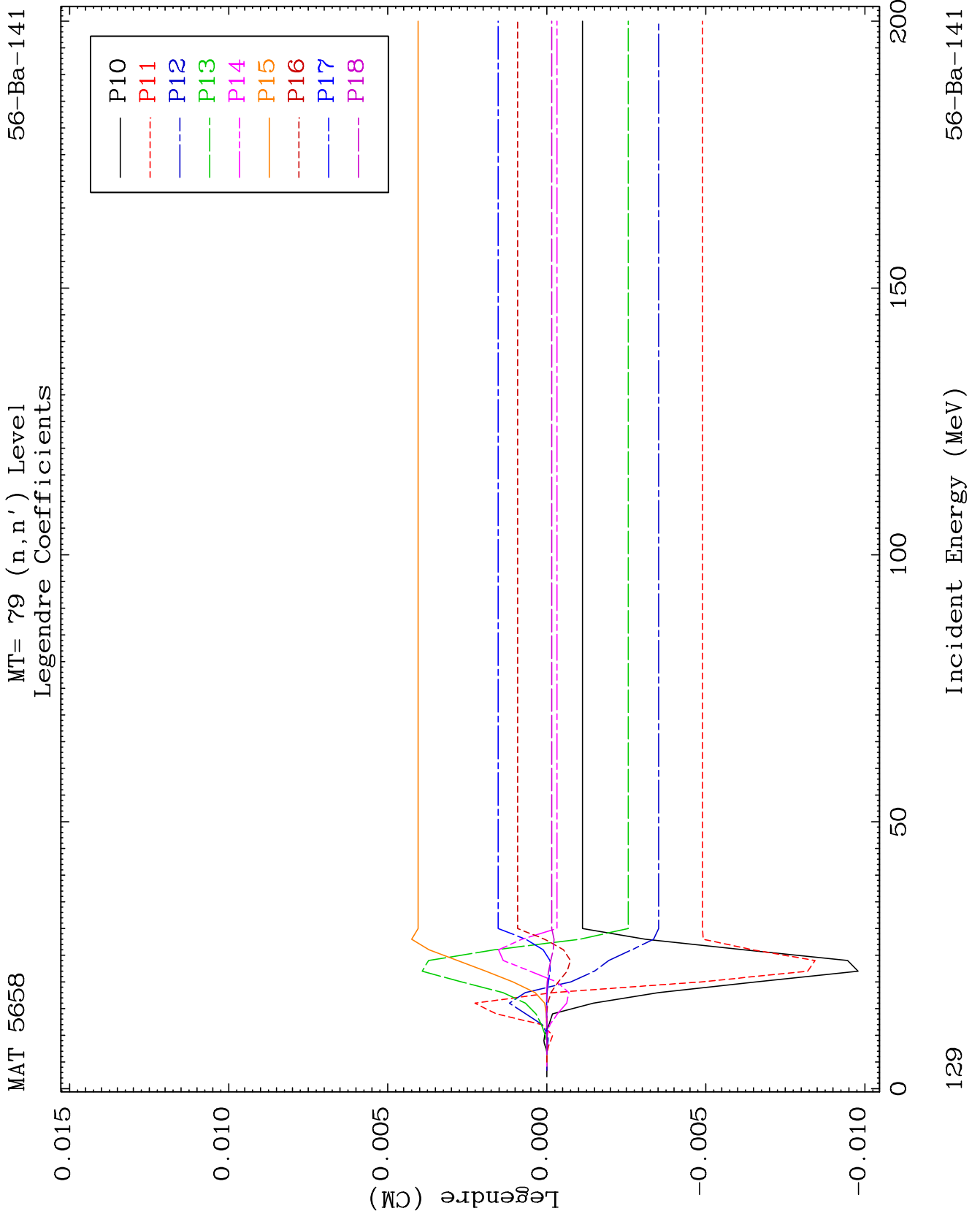
56-Ba-141

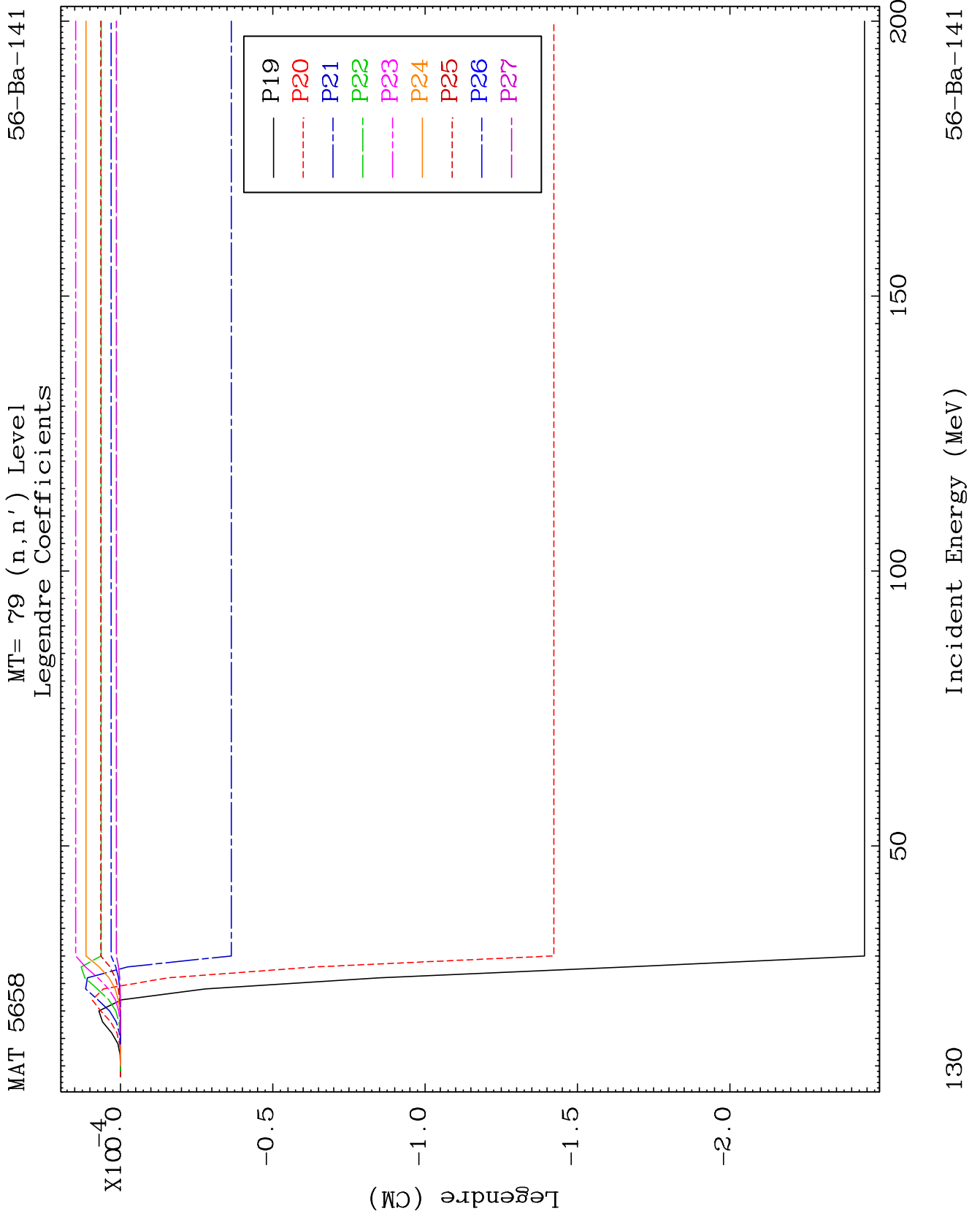


56-Ba-141

Incident Energy (MeV)

128

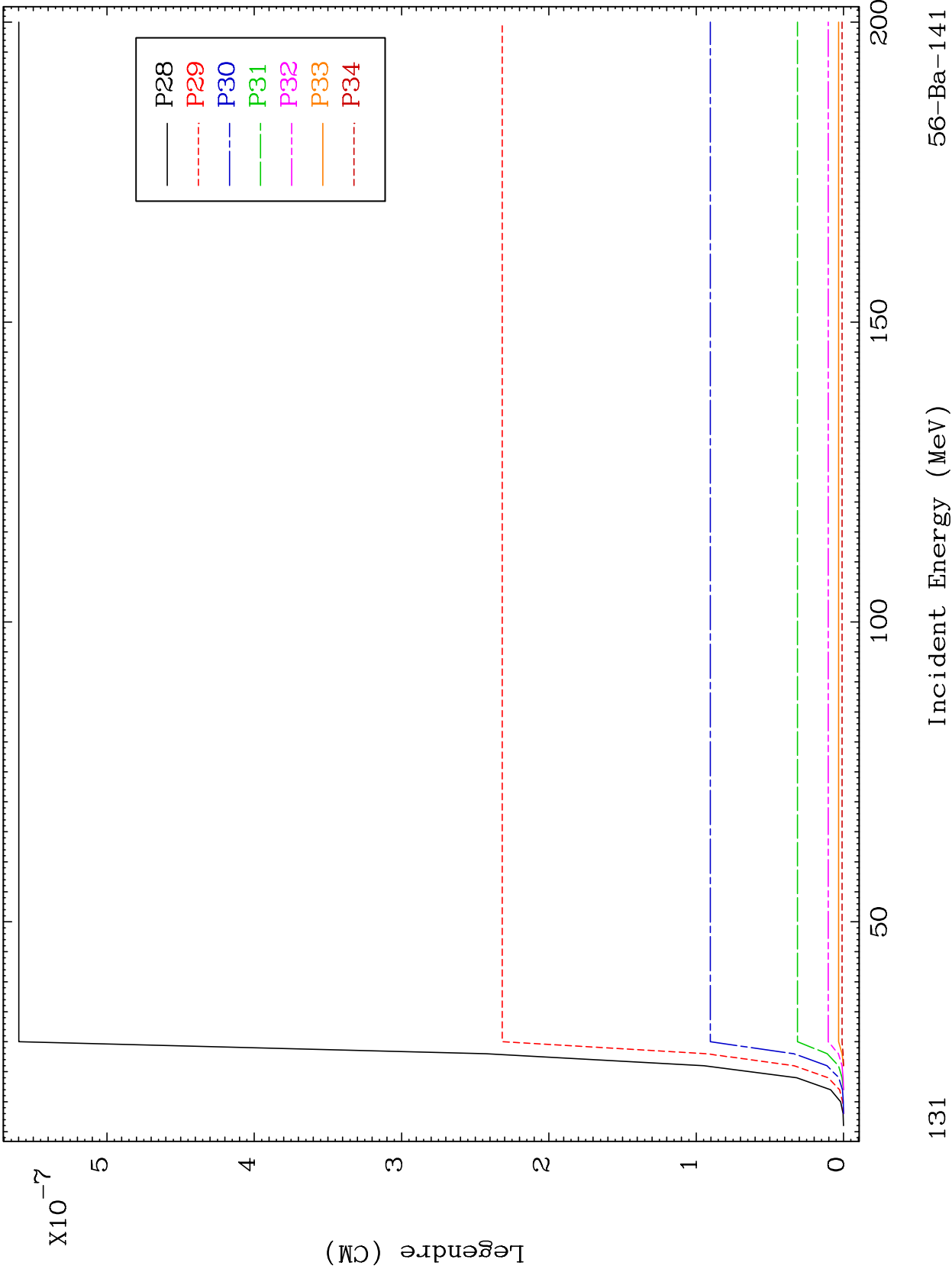




MAT 5658

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

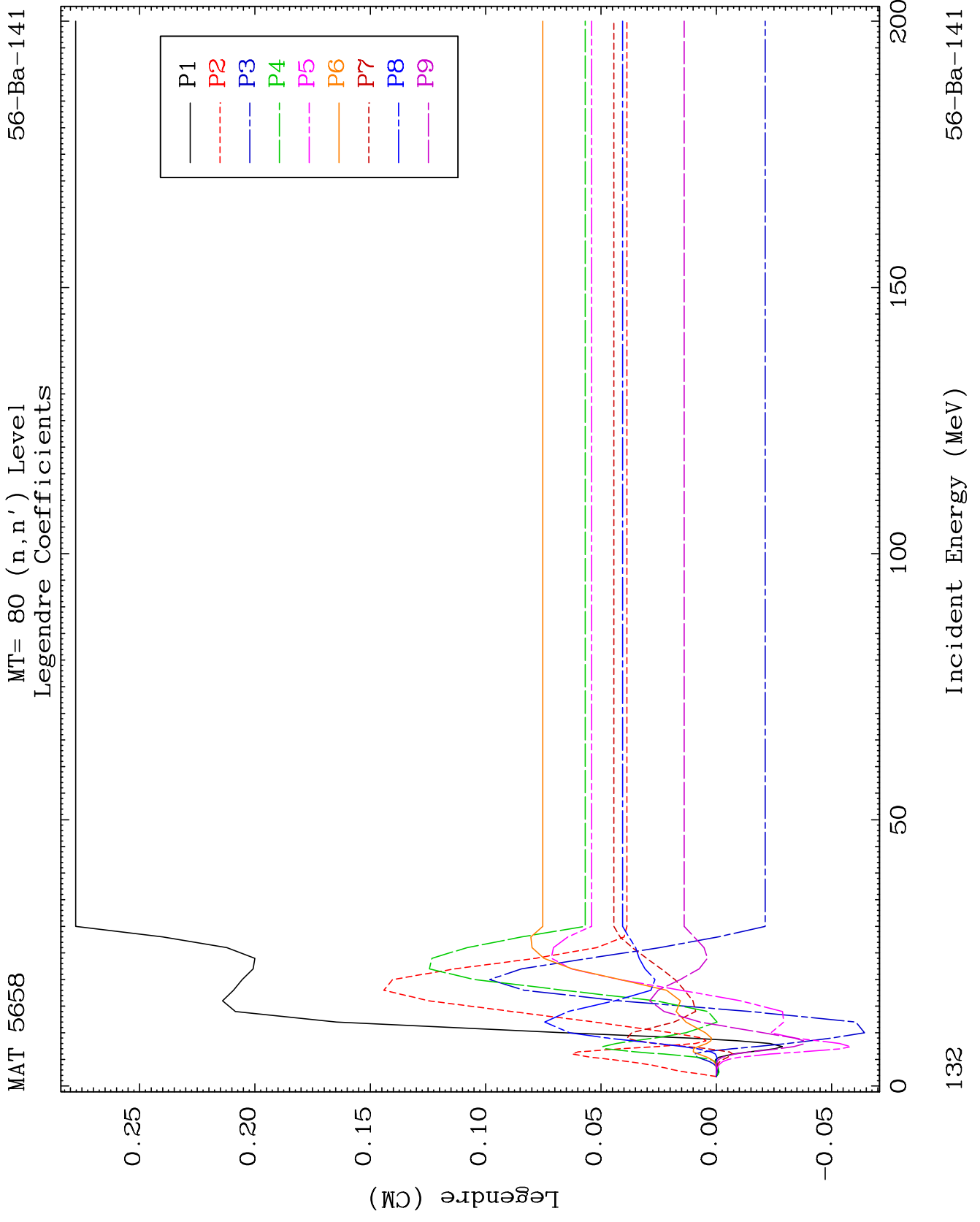
56-Ba-141



131

Incident Energy (MeV)

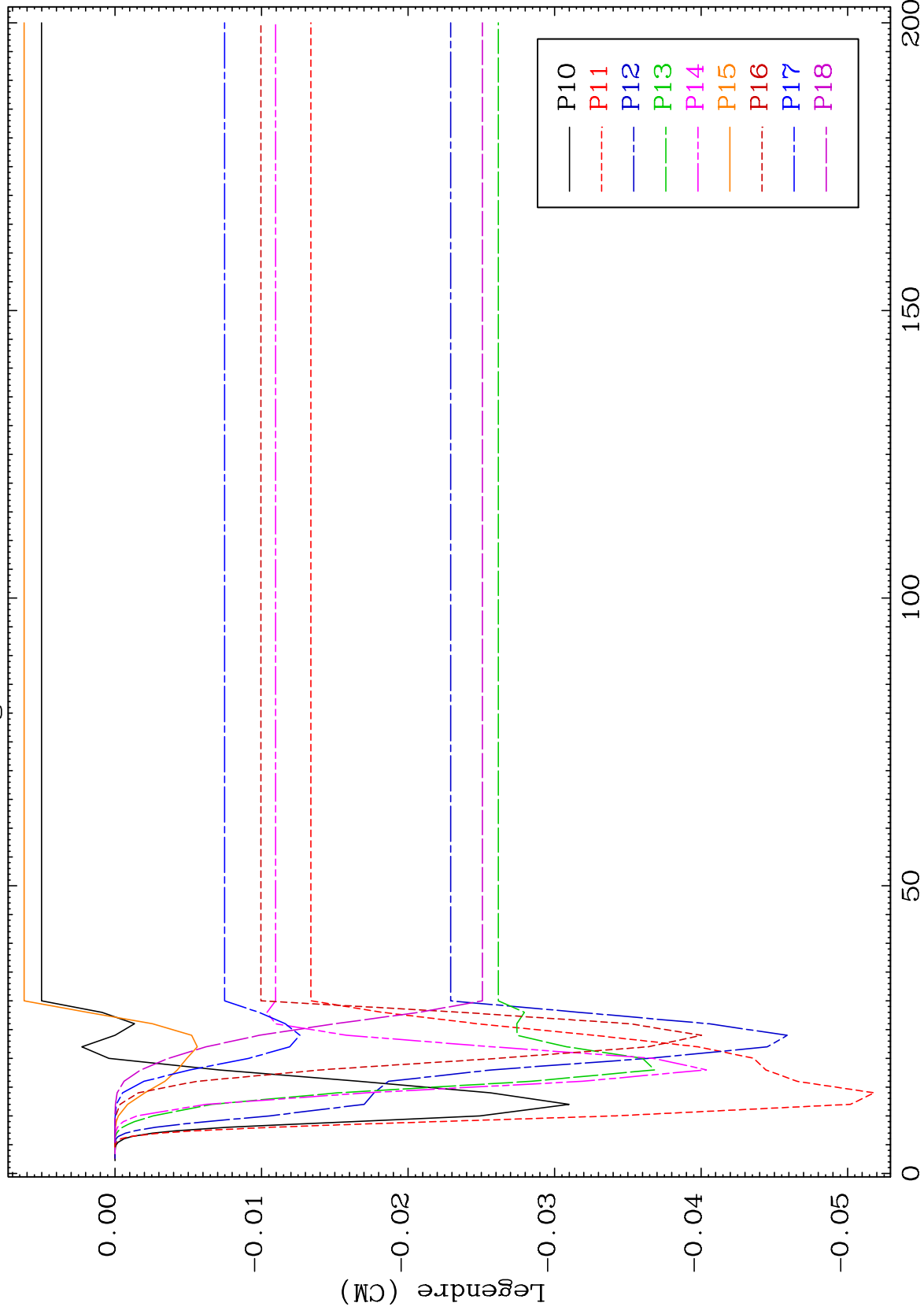
56-Ba-141



MAT 5658

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

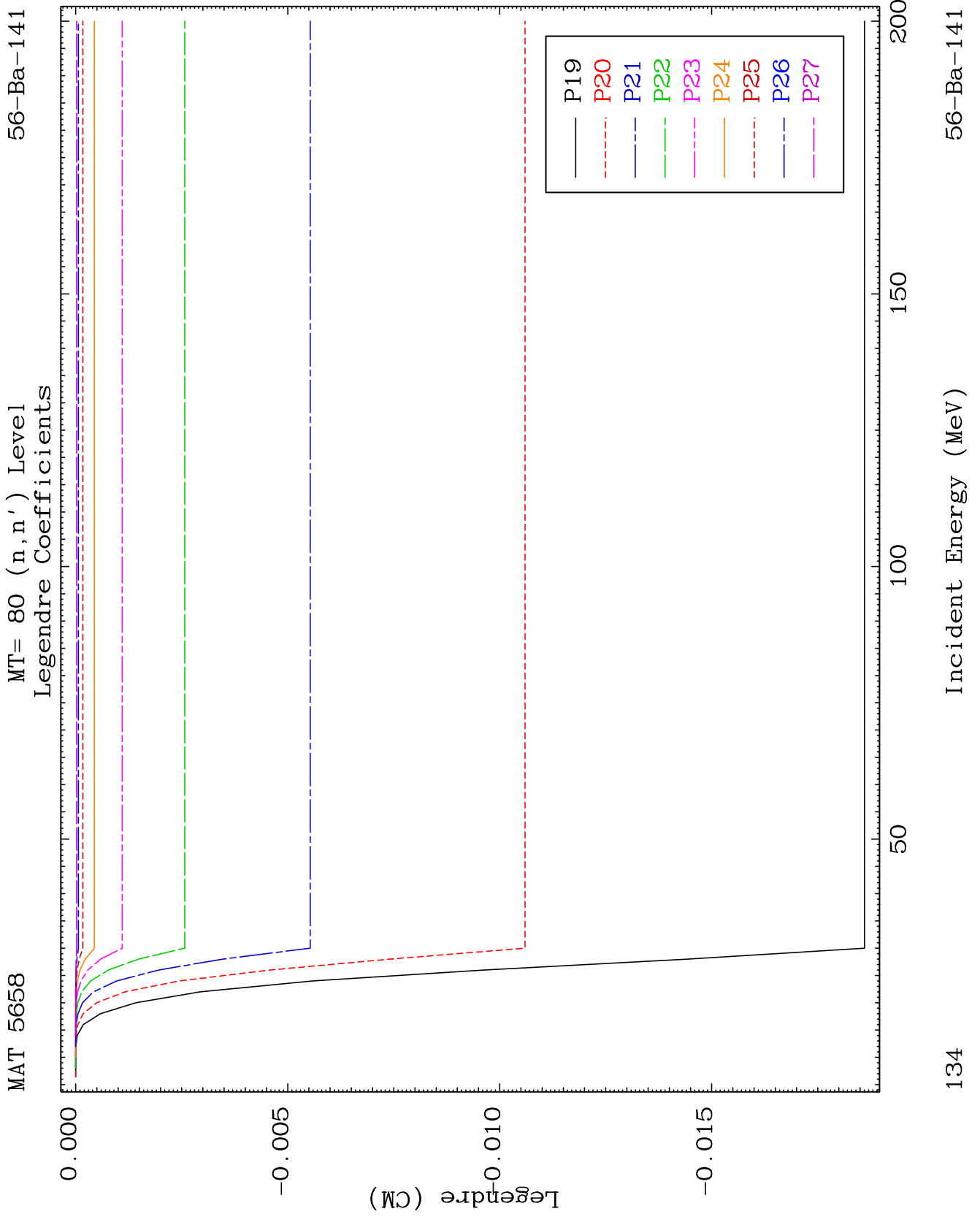
56-Ba-141

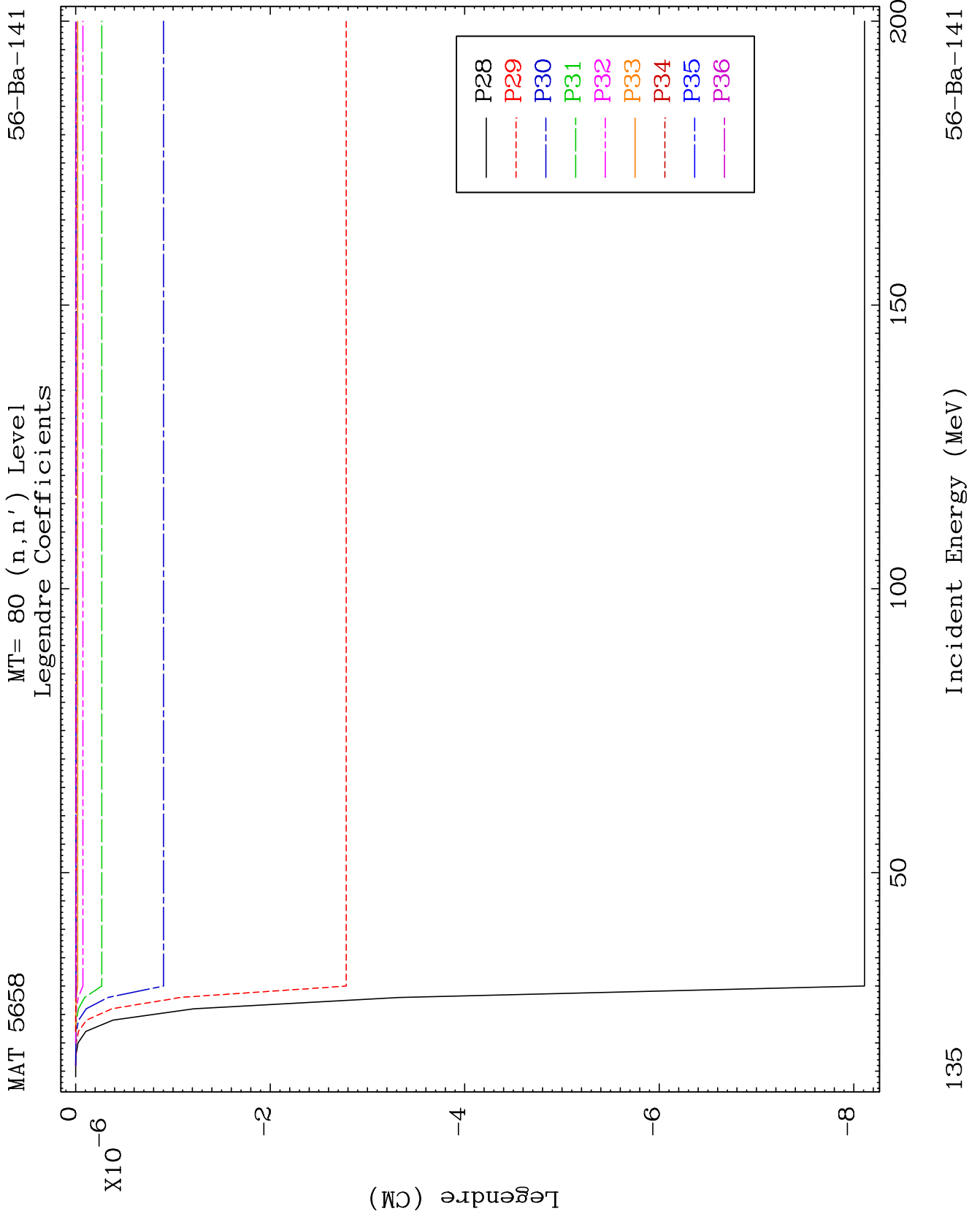


133

Incident Energy (MeV)

56-Ba-141

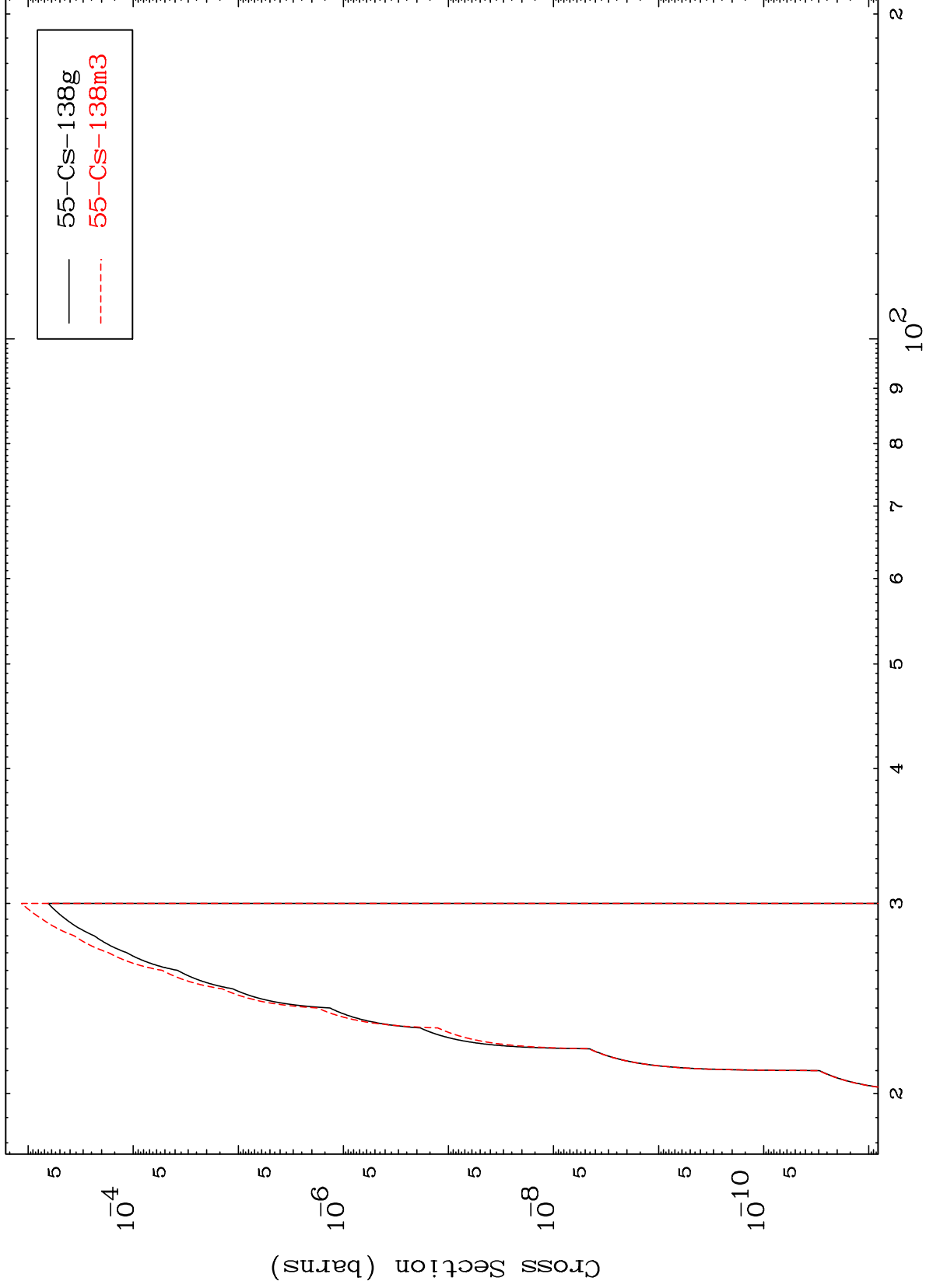




MAT 5658

56-Ba-141

(n,2n) d  
Radionuclide Production Cross Section



136

Incident Energy (MeV)

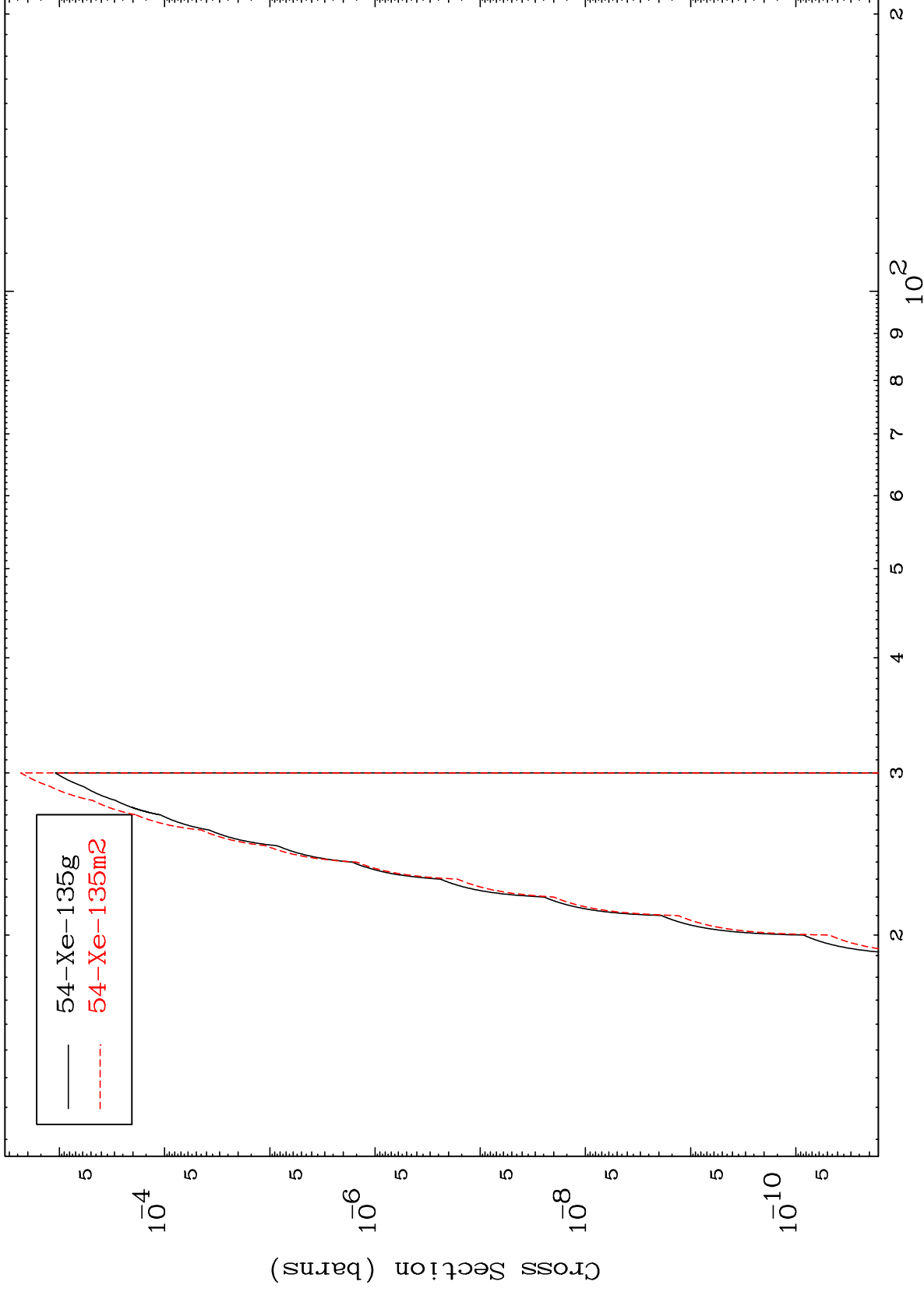
56-Ba-141

MAT 5658

(n,3n)  $\alpha$

56-Ba-141

Radionuclide Production Cross Section



137

Incident Energy (MeV)

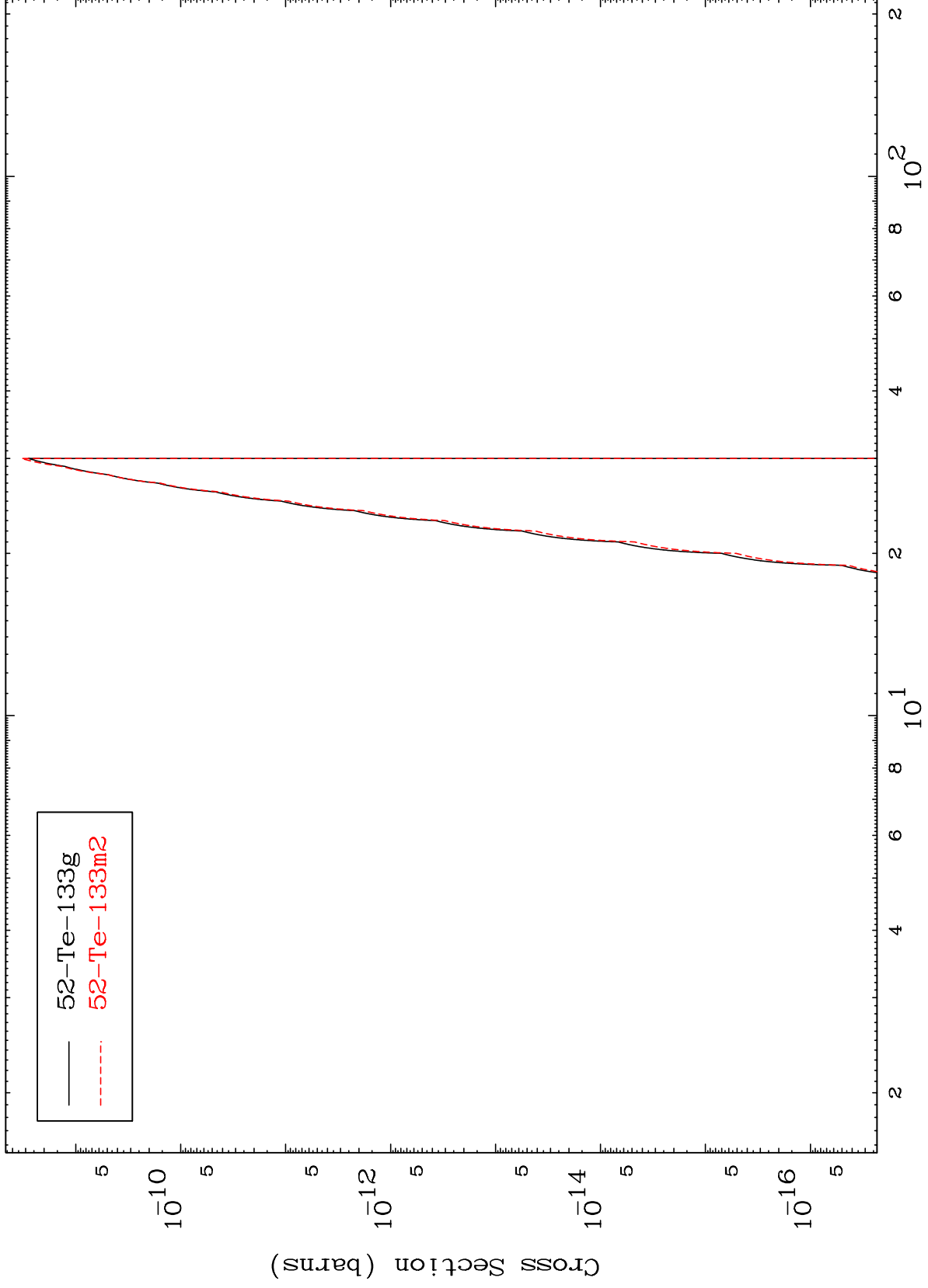
56-Ba-141

MAT 5658

(n,n') 2 $\alpha$

56-Ba-141

Radionuclide Production Cross Section



138

Incident Energy (MeV)

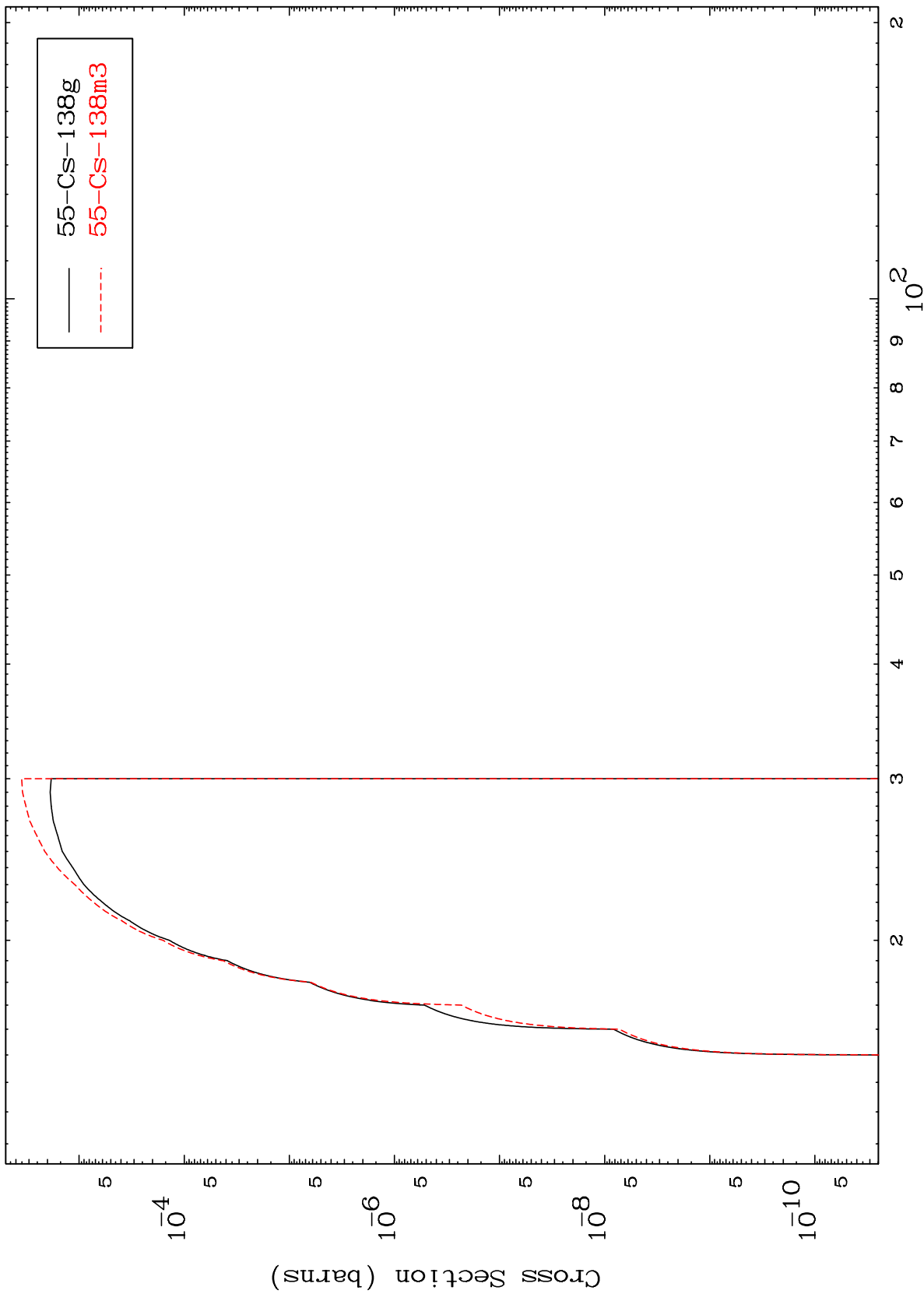
56-Ba-141

MAT 5658

(n,n') t

56-Ba-141

Radionuclide Production Cross Section



139

Incident Energy (MeV)

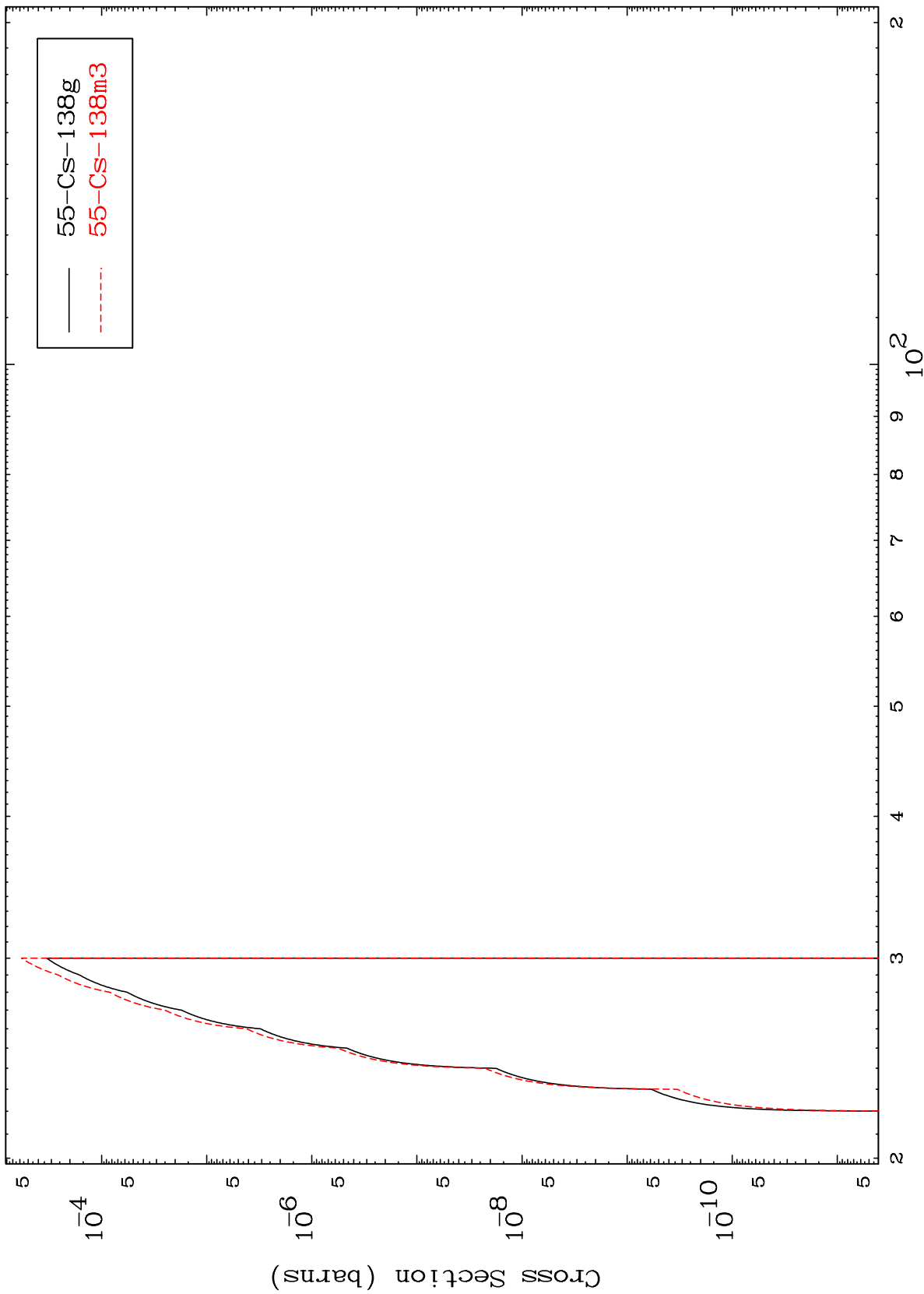
56-Ba-141

MAT 5658

(n,3n) p

56-Ba-141

Radionuclide Production Cross Section



140

Incident Energy (MeV)

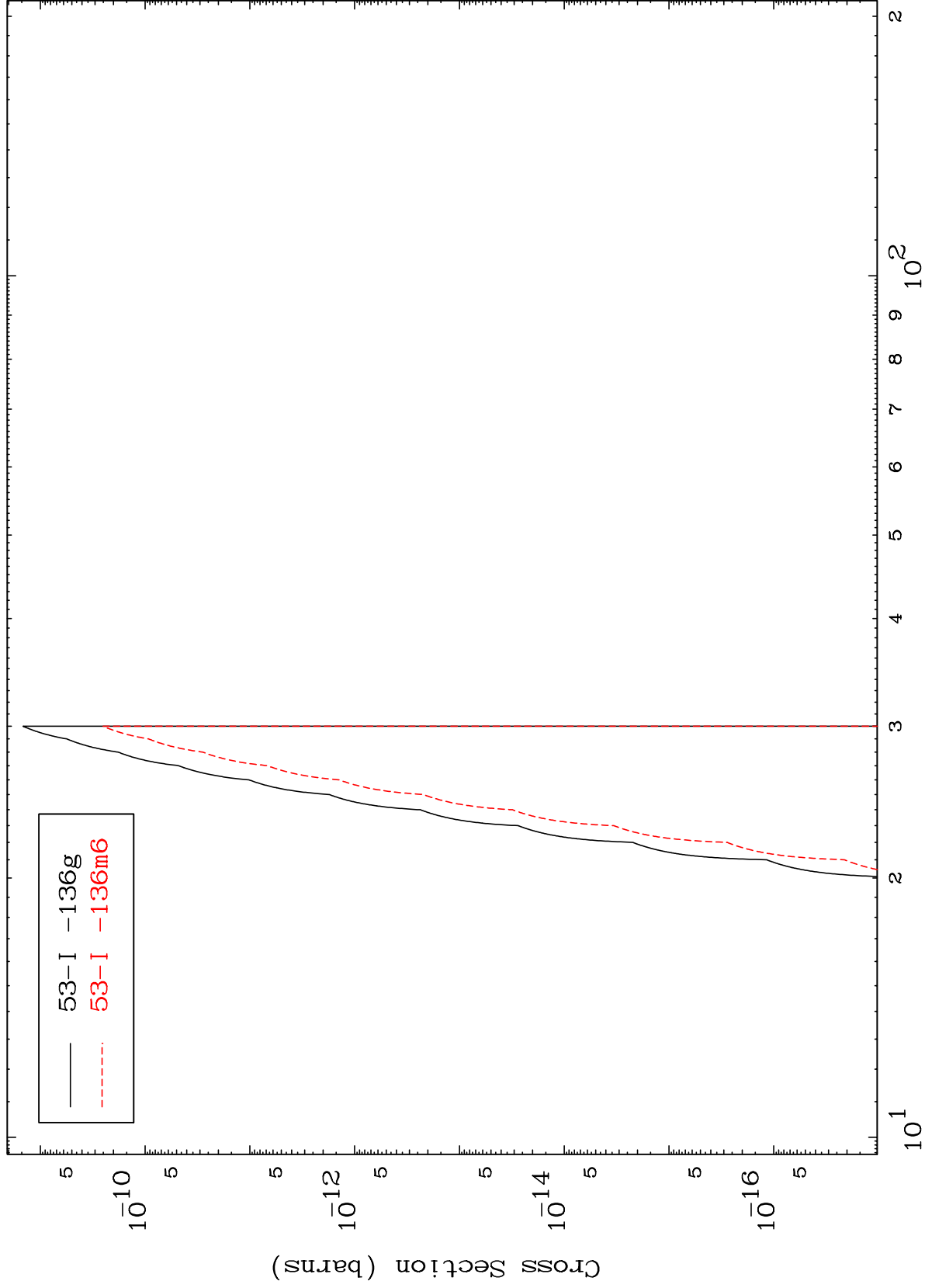
56-Ba-141

MAT 5658

(n,n') p  $\alpha$

56-Ba-141

Radionuclide Production Cross Section



141

Incident Energy (MeV)

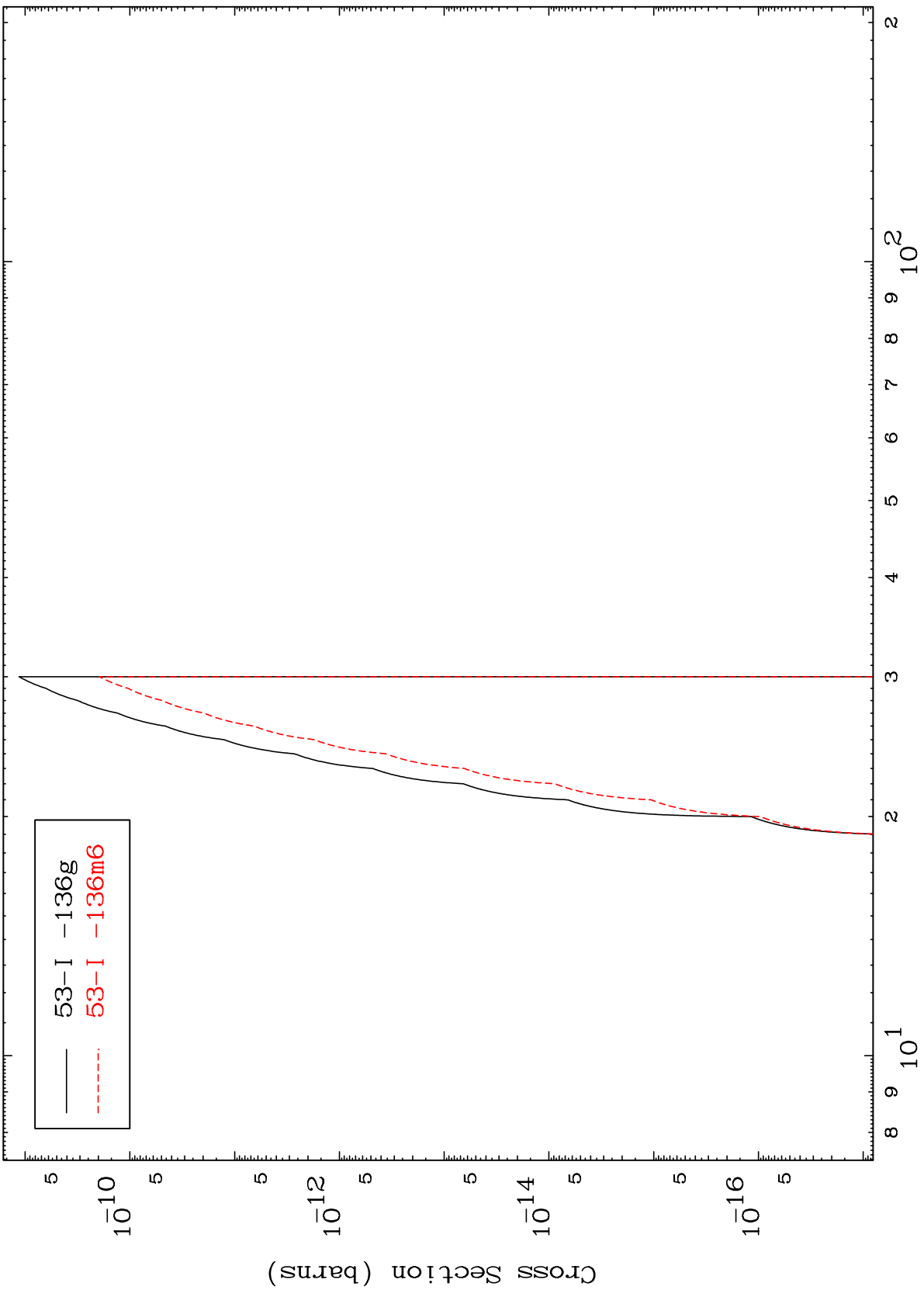
56-Ba-141

MAT 5658

(n,d)  $\alpha$

56-Ba-141

Radionuclide Production Cross Section



142

Incident Energy (MeV)

56-Ba-141