

Program EVALPLOT
(Version 2018-1)

by

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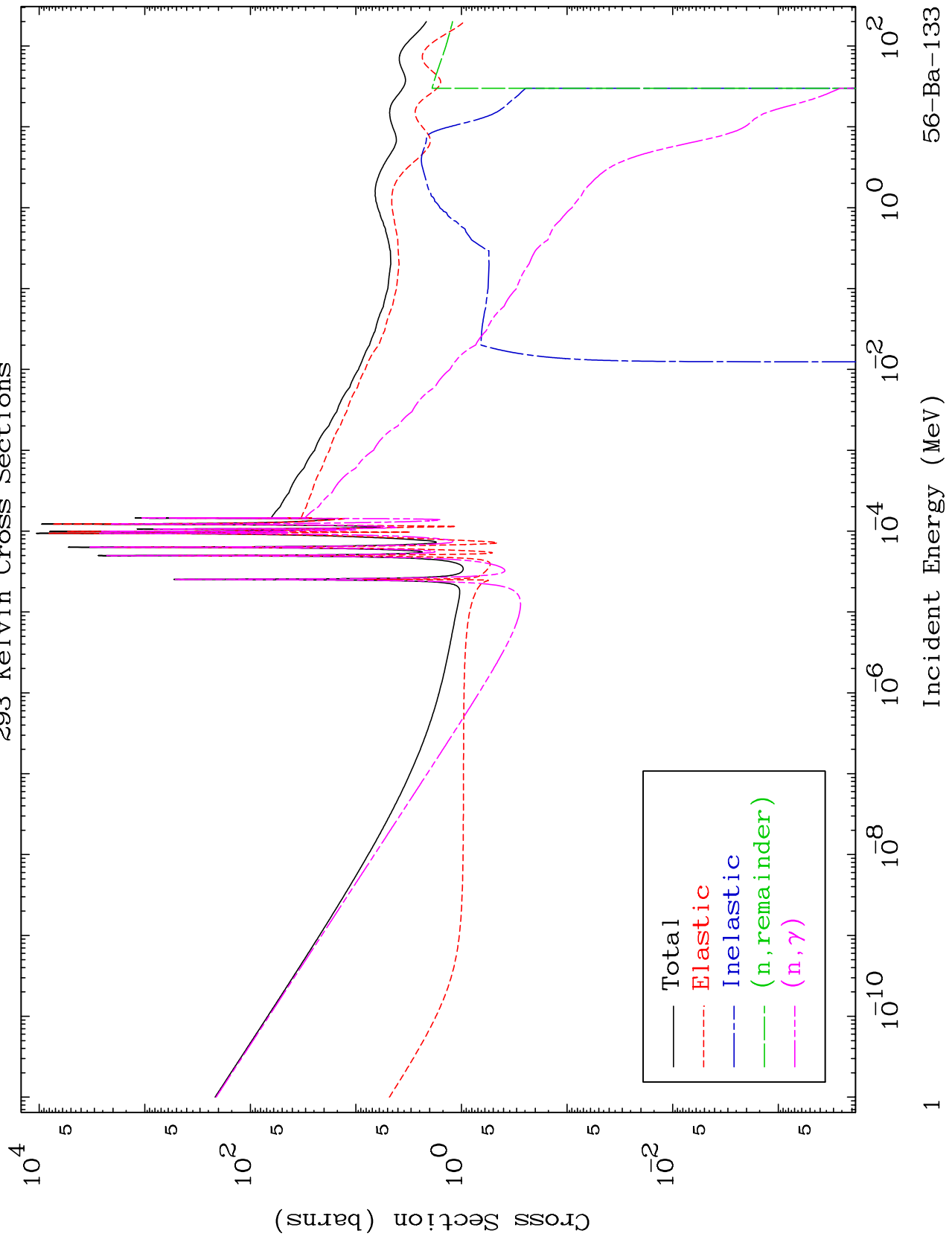
Press Mouse Button to Start

MAT 5634

Major

293 Kelvin Cross Sections

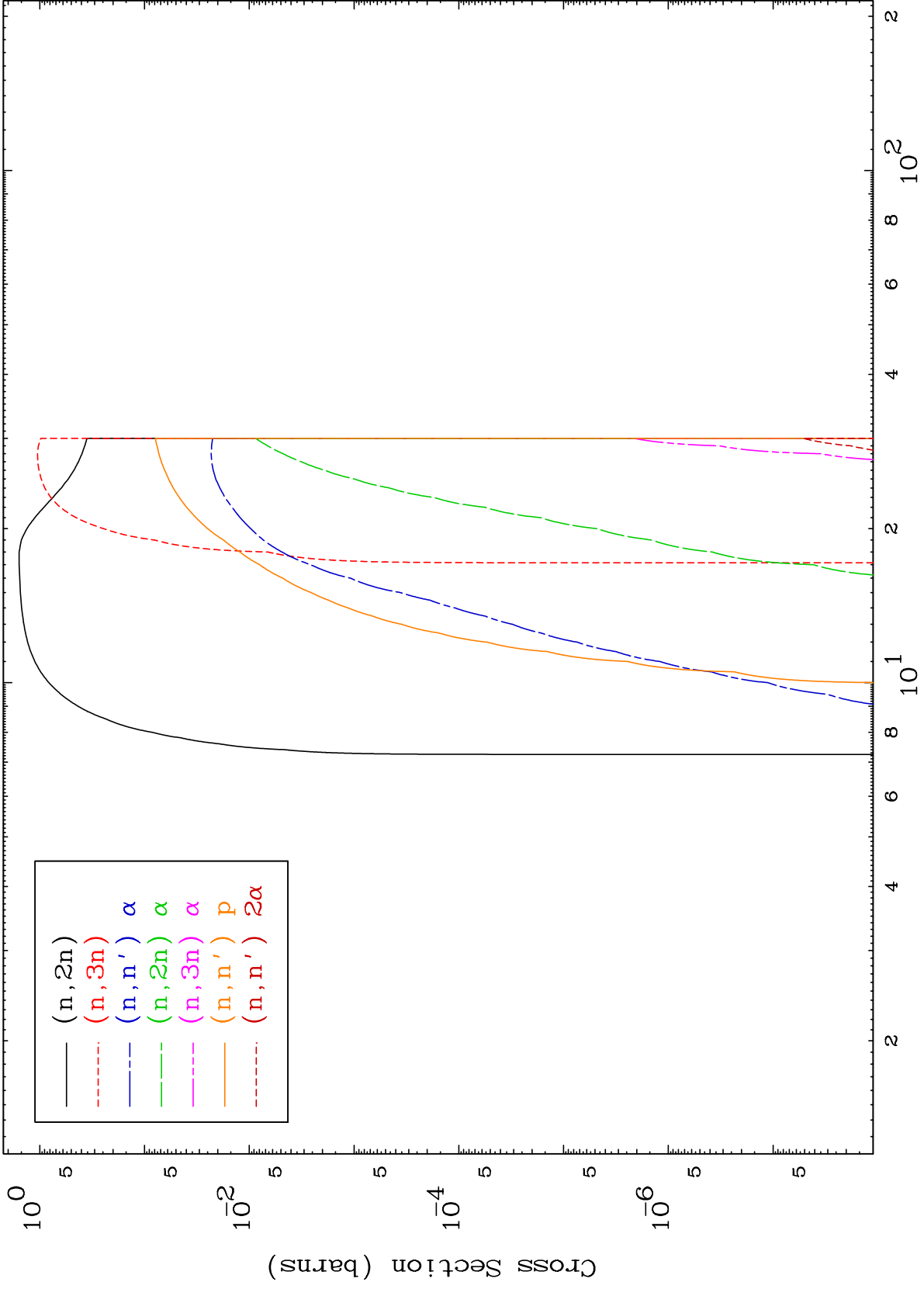
56-Ba-133

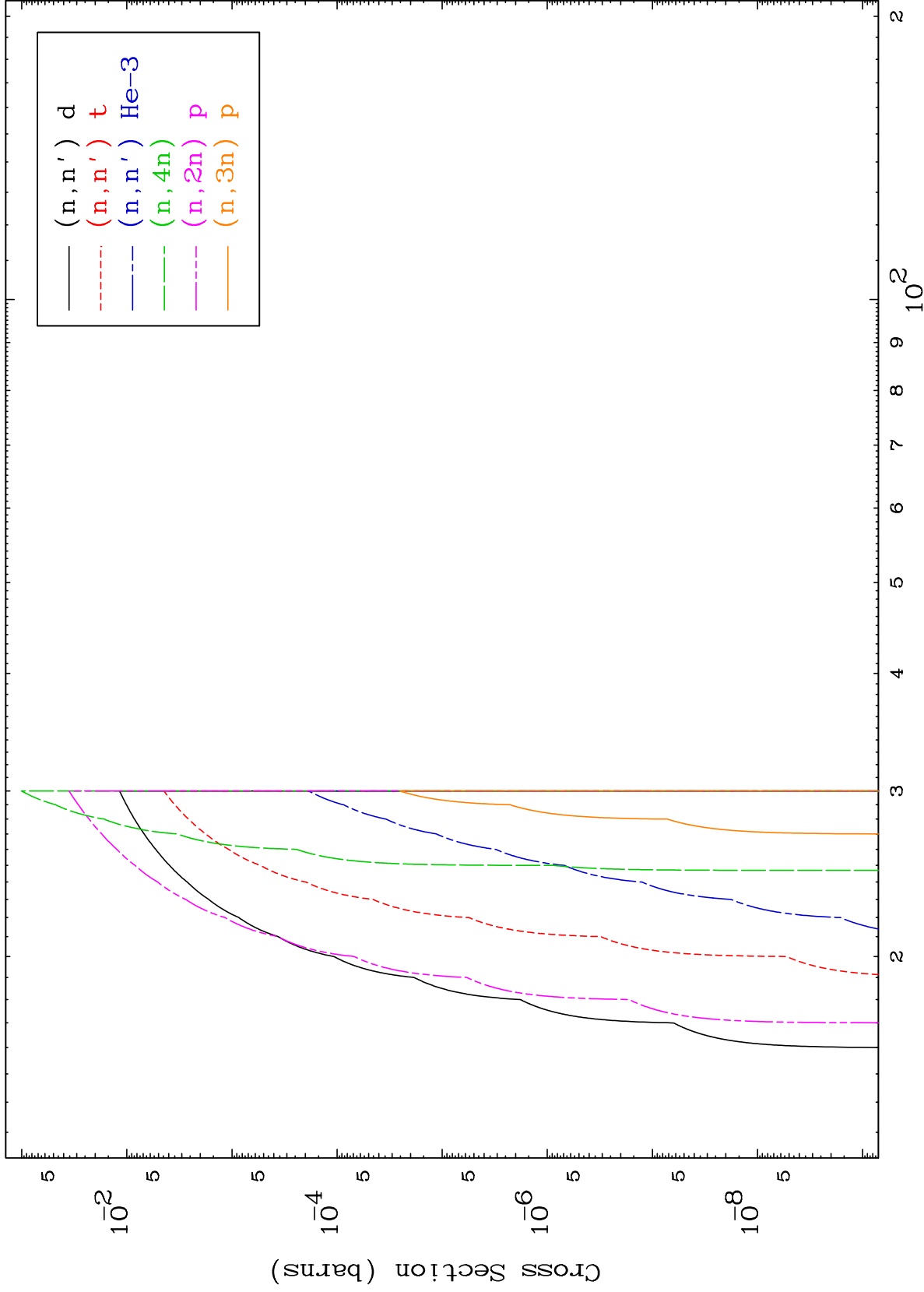


MAT 5634

Neutron Production
293 Kelvin Cross Sections

56-Ba-133

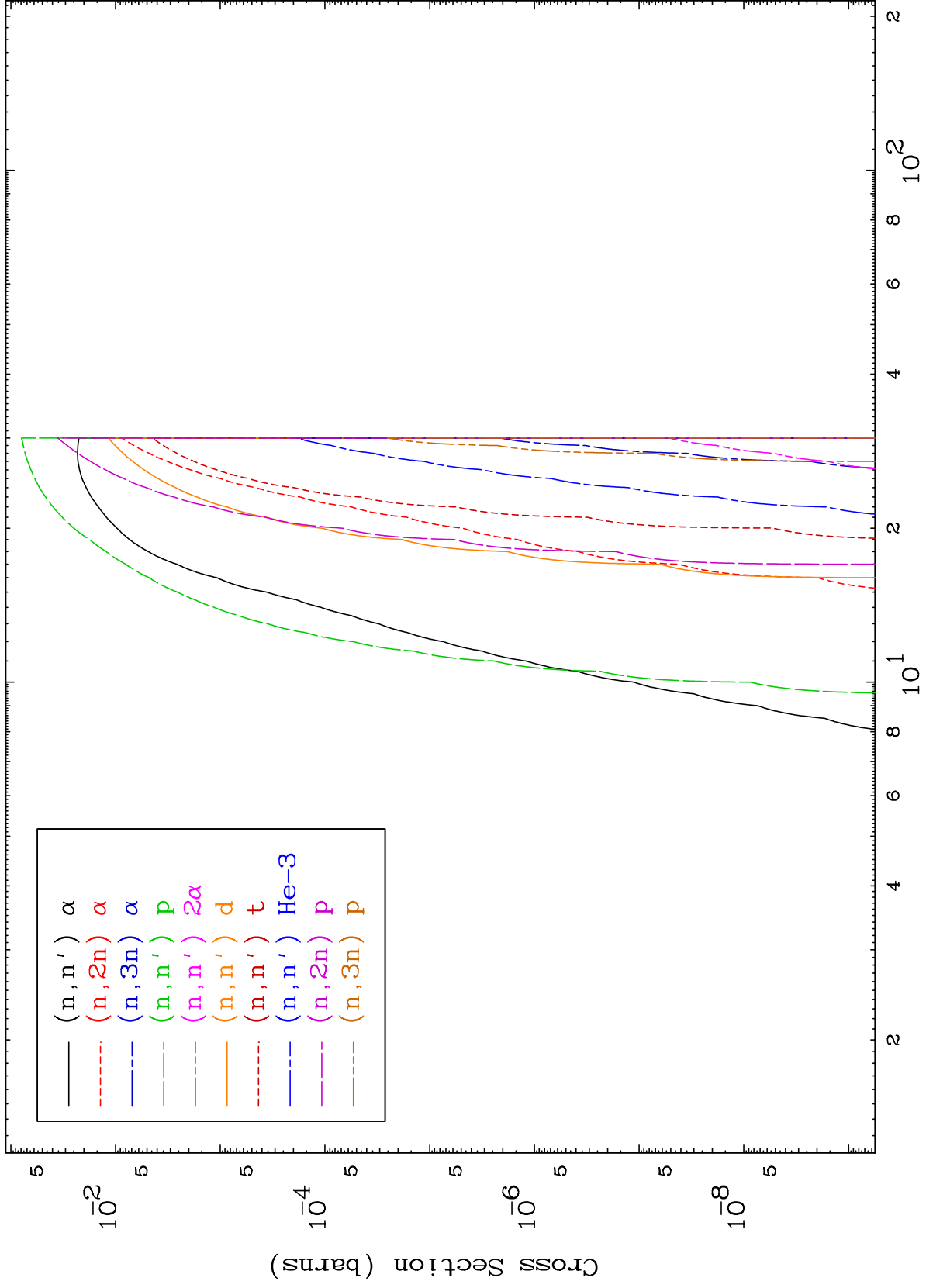




MAT 5634

Charged Particle
293 Kelvin Cross Sections

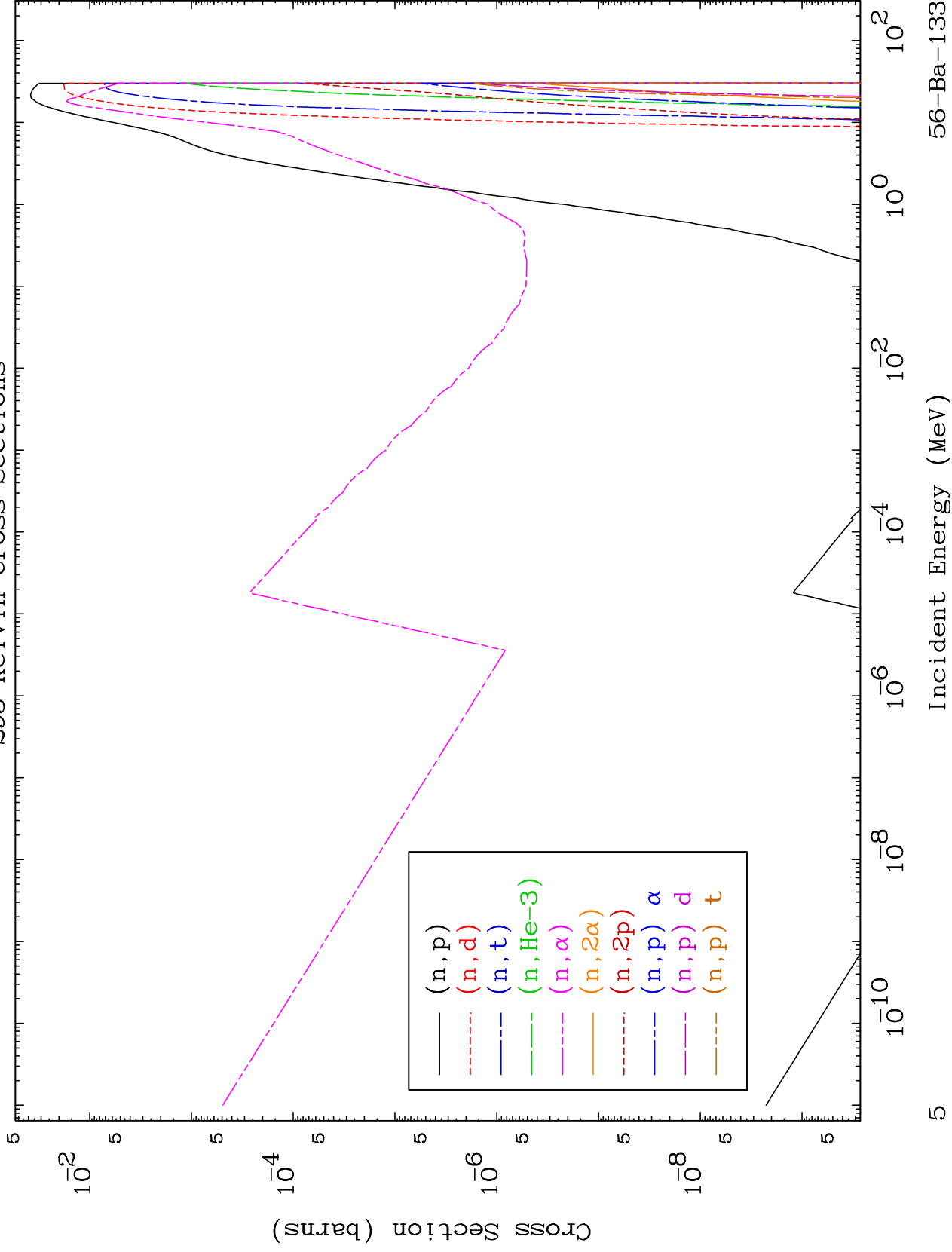
56-Ba-133



MAT 5634

Charged Particle
293 Kelvin Cross Sections

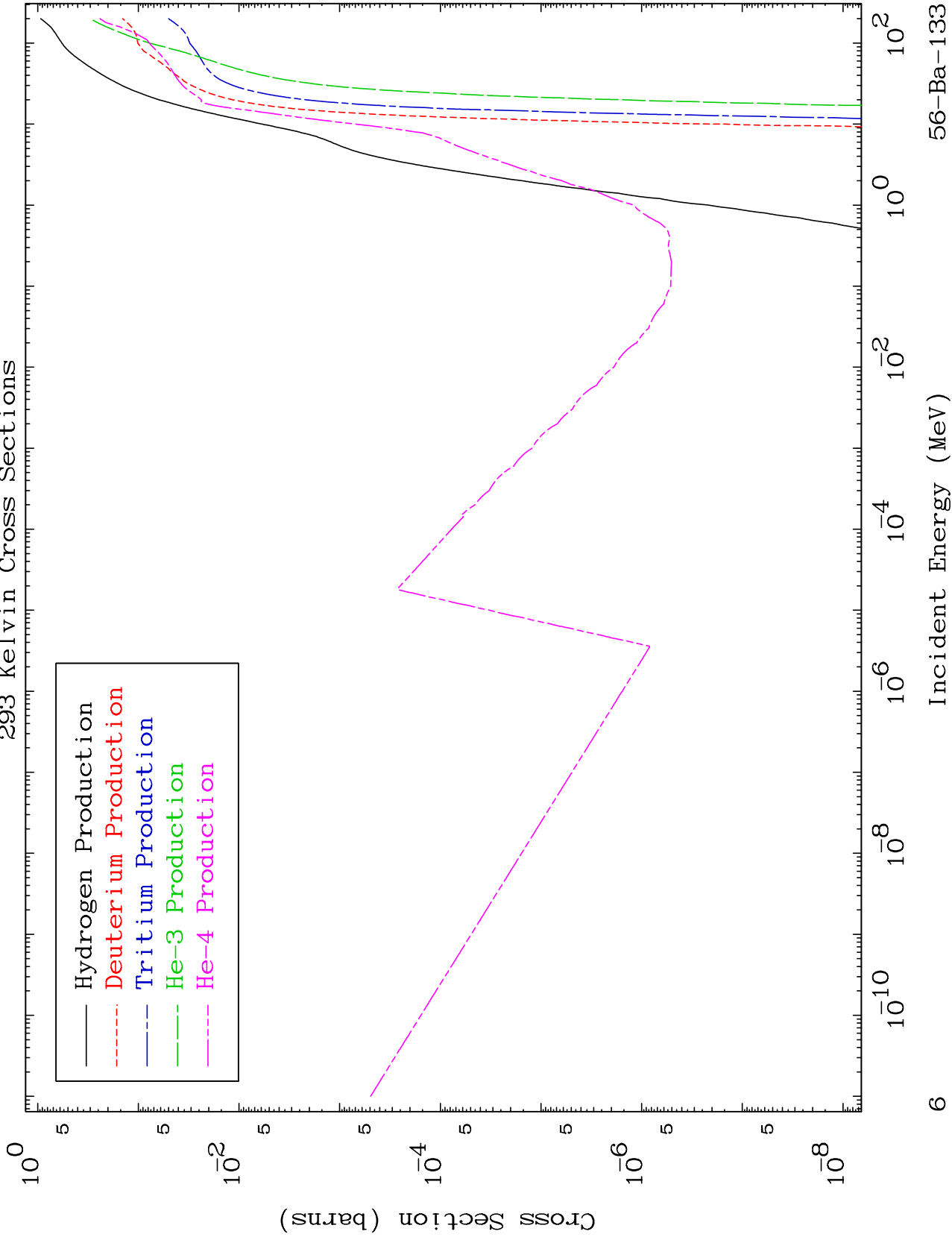
56-Ba-133



MAT 5634

Particle Production
293 Kelvin Cross Sections

56-Ba-133

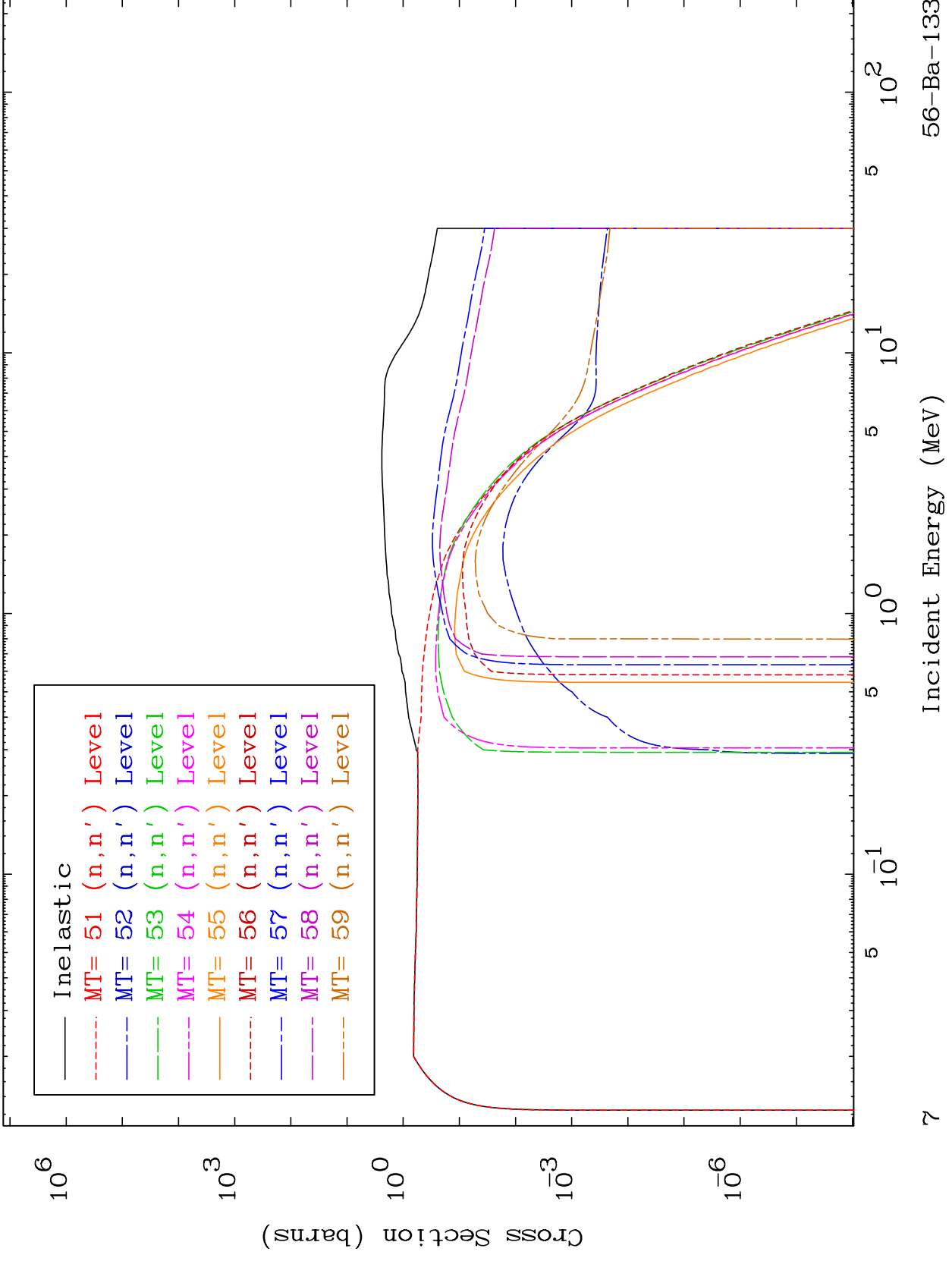


MAT 5634

(n,n') Level

56-Ba-133

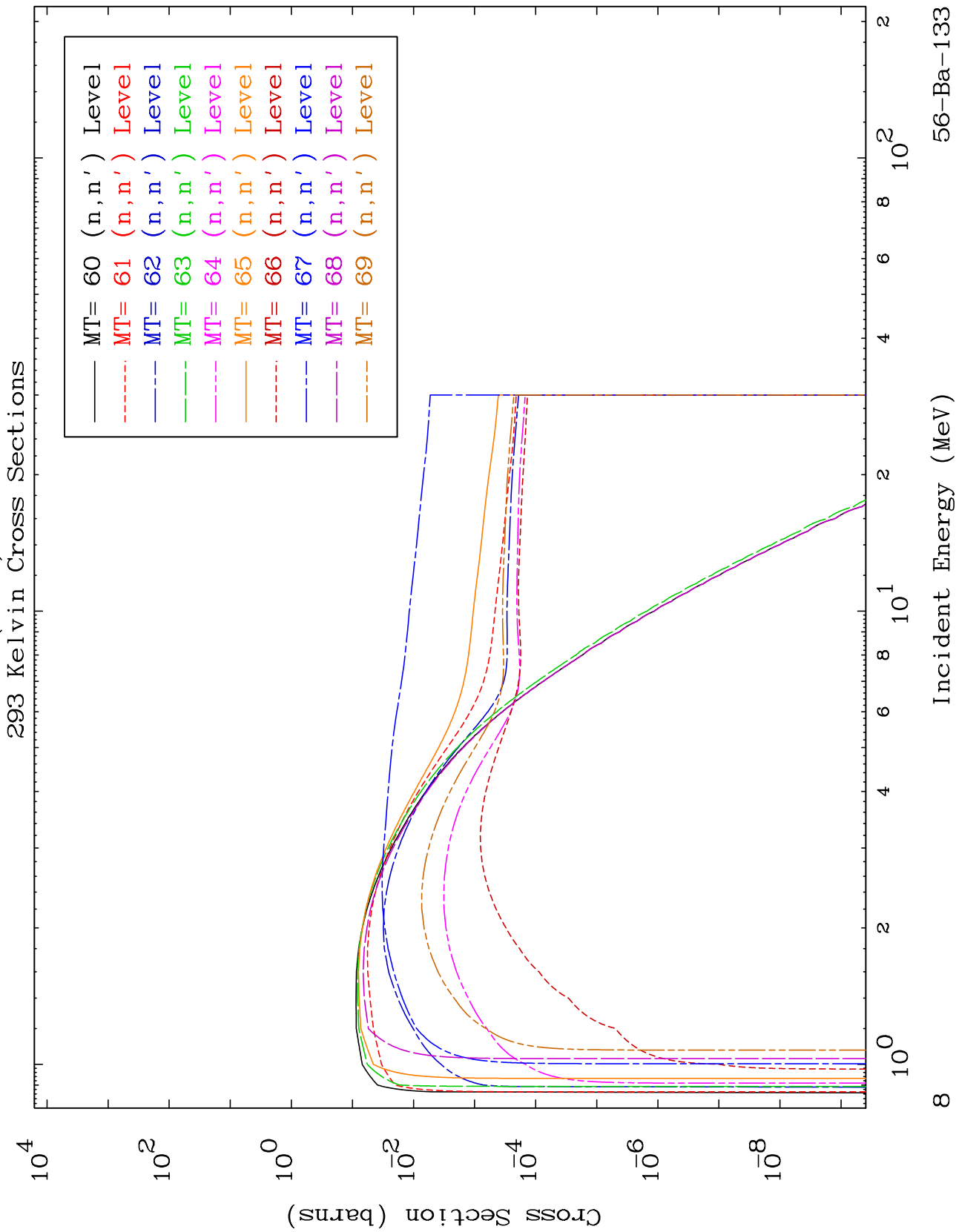
293 Kelvin Cross Sections



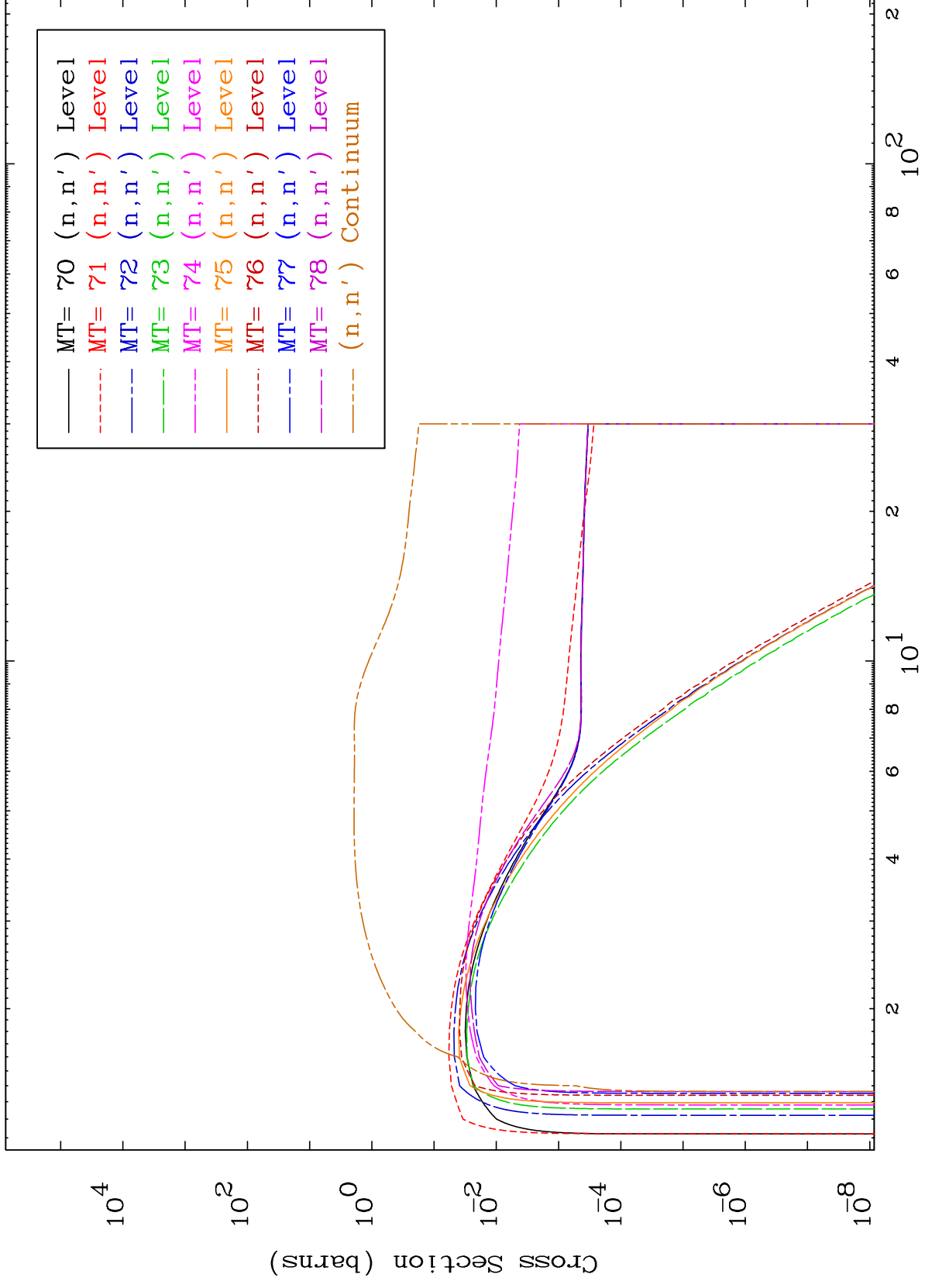
MAT 5634

(n,n') Level

56-Ba-133



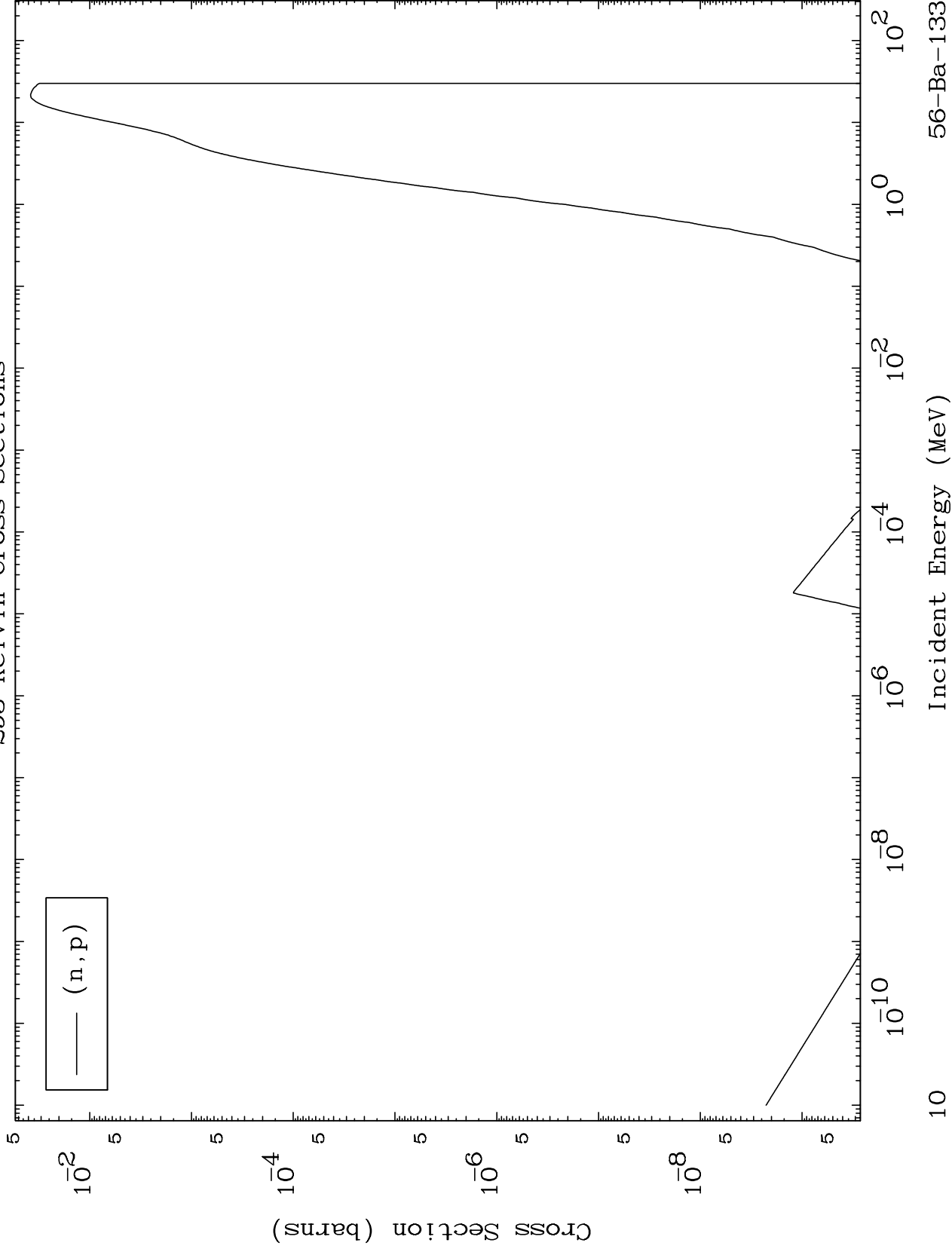
293 Kelvin Cross Sections



MAT 5634

(n,p) Levels
293 Kelvin Cross Sections

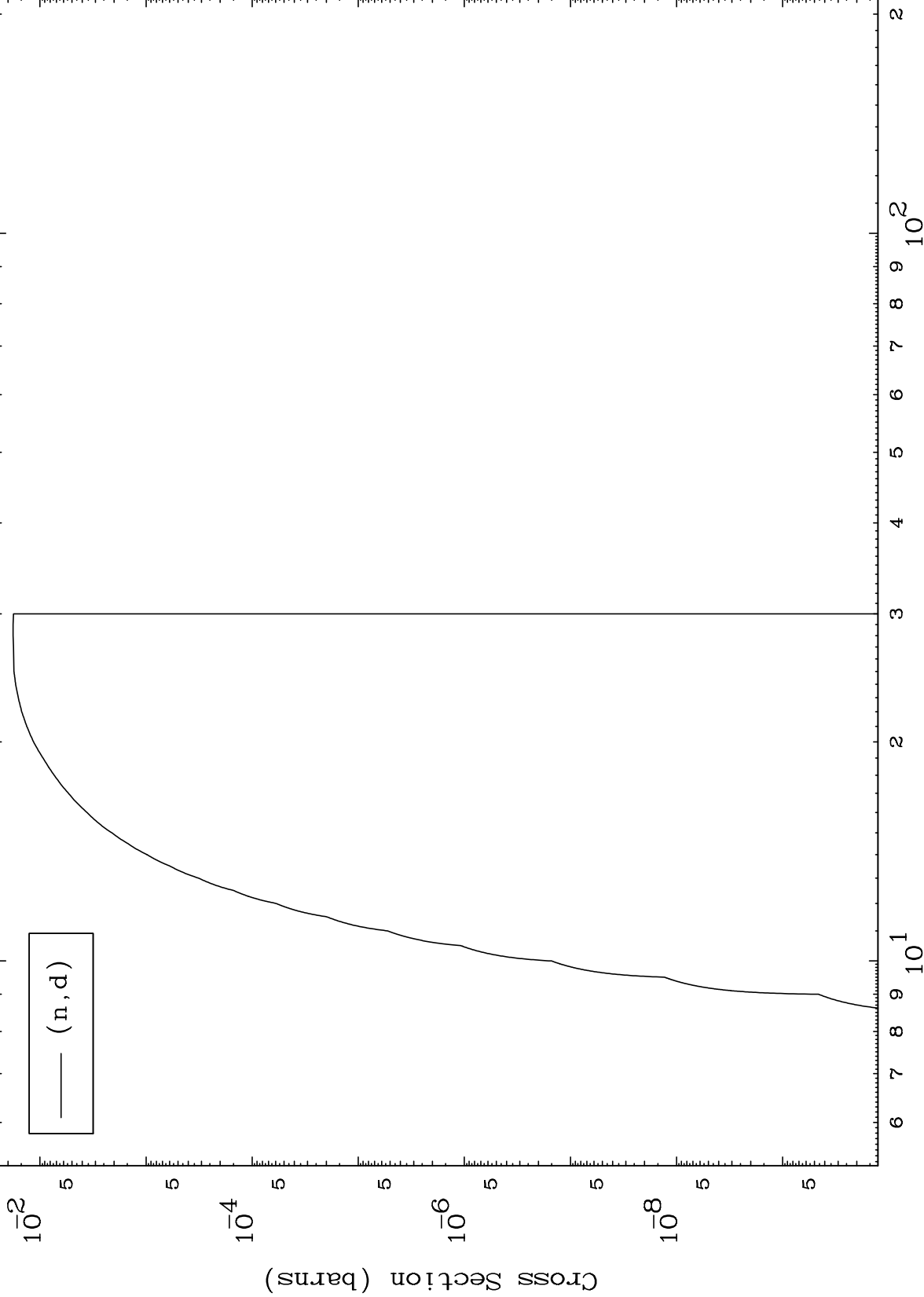
56-Ba-133



MAT 5634

(n,d) Levels
293 Kelvin Cross Sections

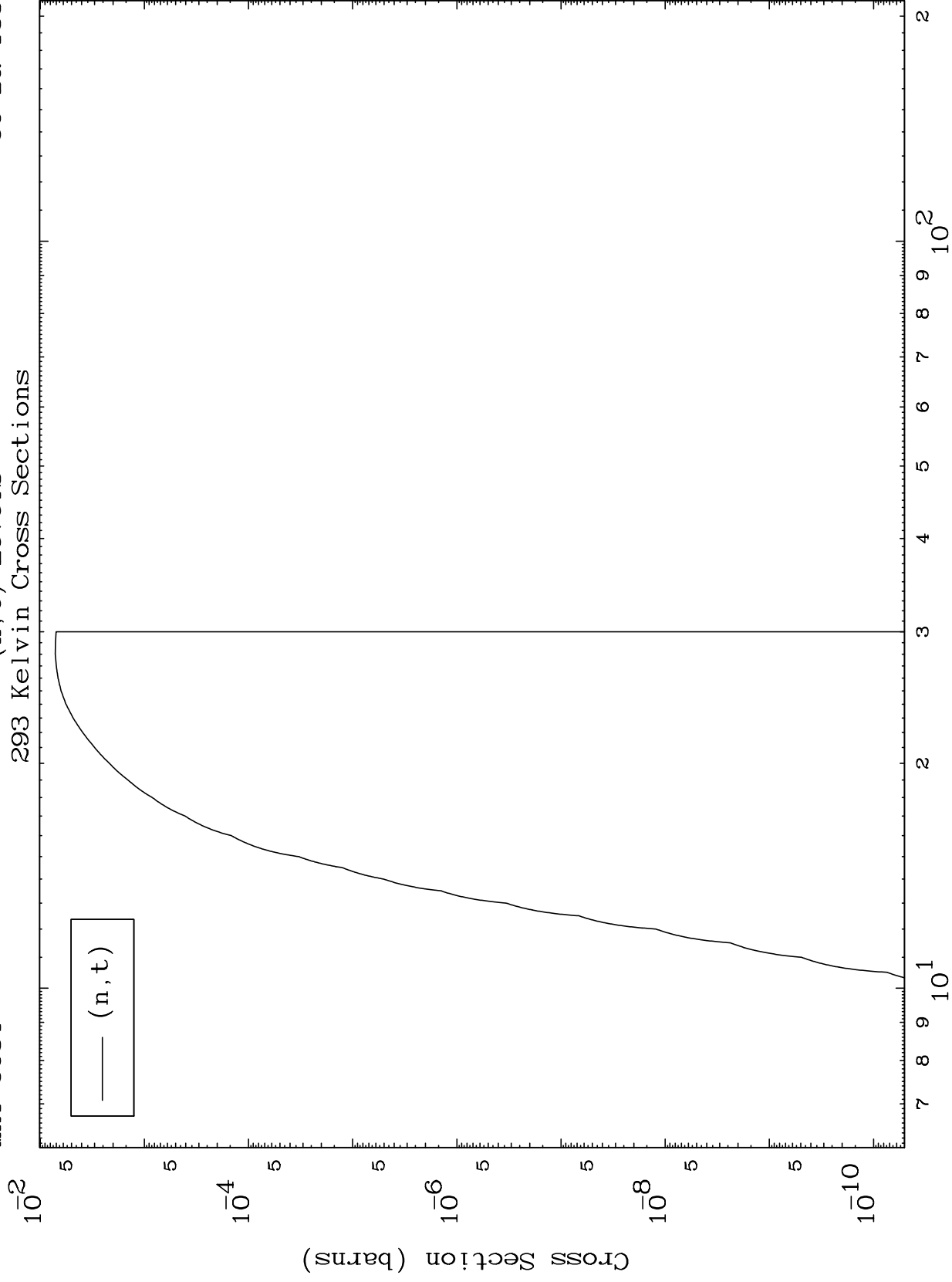
56-Ba-133



MAT 5634

(n, t) Levels
293 Kelvin Cross Sections

56-Ba-133



12

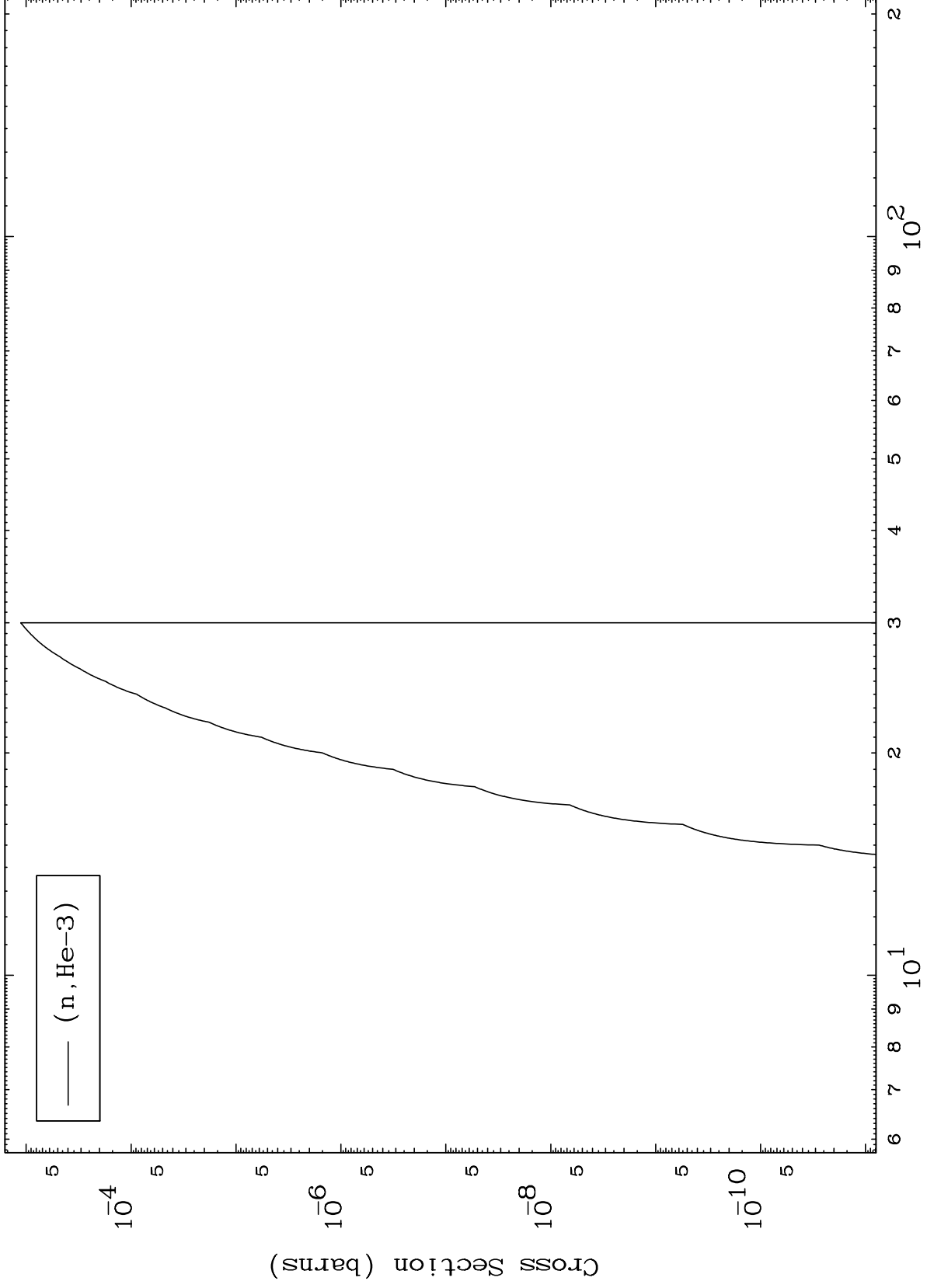
Incident Energy (MeV)

56-Ba-133

MAT 5634

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-133



13

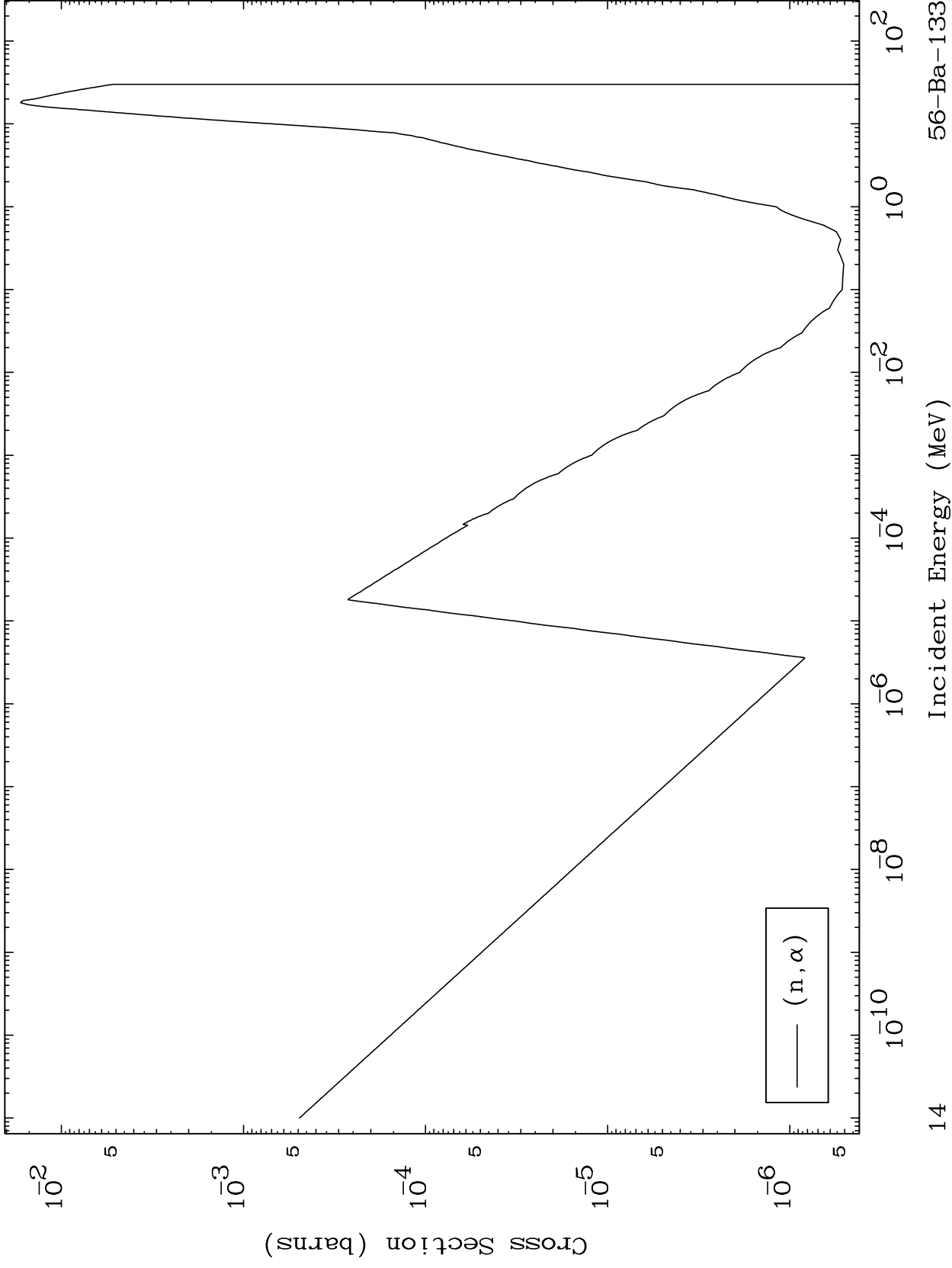
Incident Energy (MeV)

56-Ba-133

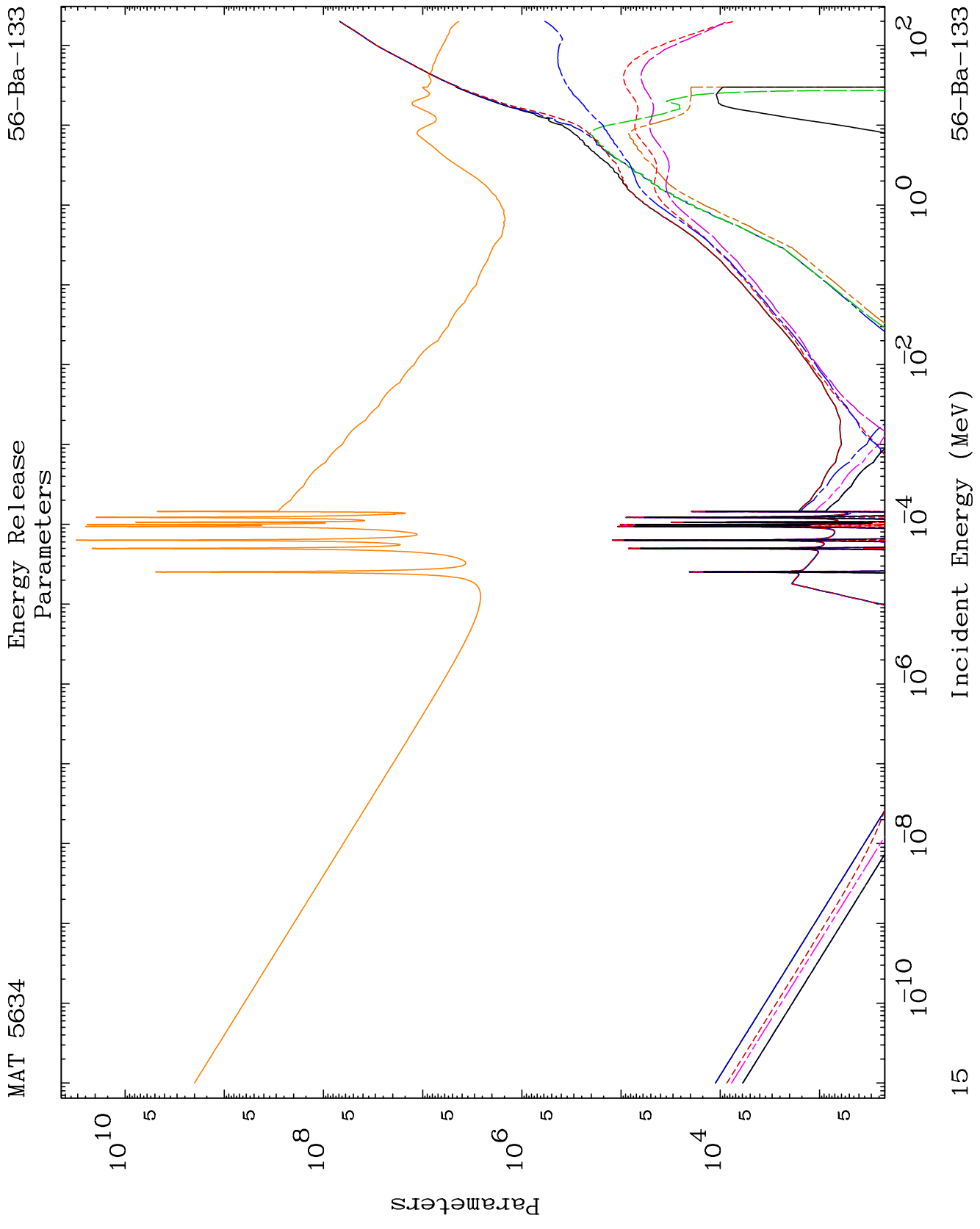
MAT 5634

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-133



--- Dpa inelastic (mt51-91)
--- Dpa disappearance (mt102 -120)



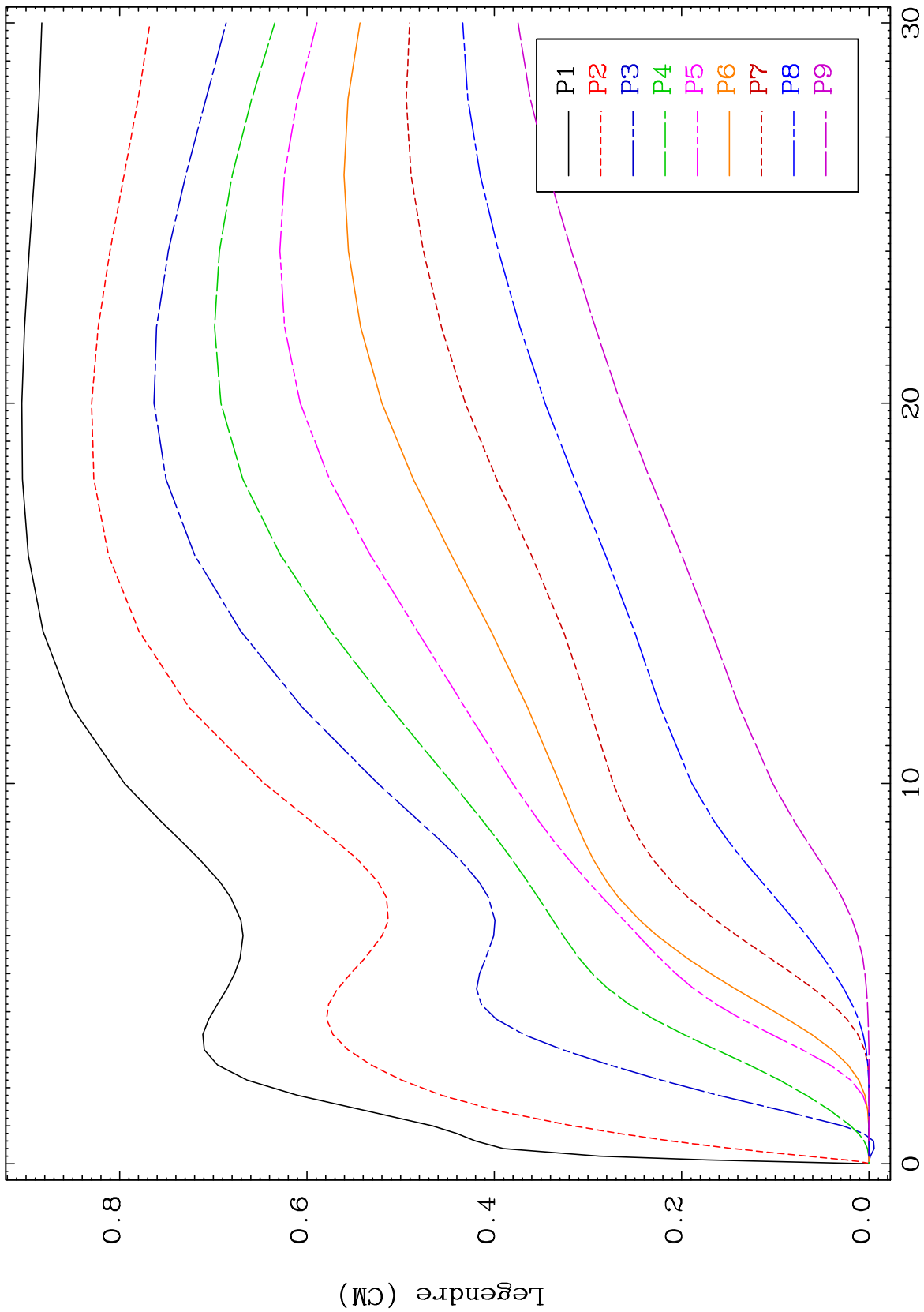
MAT 5634

56-Ba-133

MAT 5634

Elastic Legendre Coefficients

56-Ba-133



16

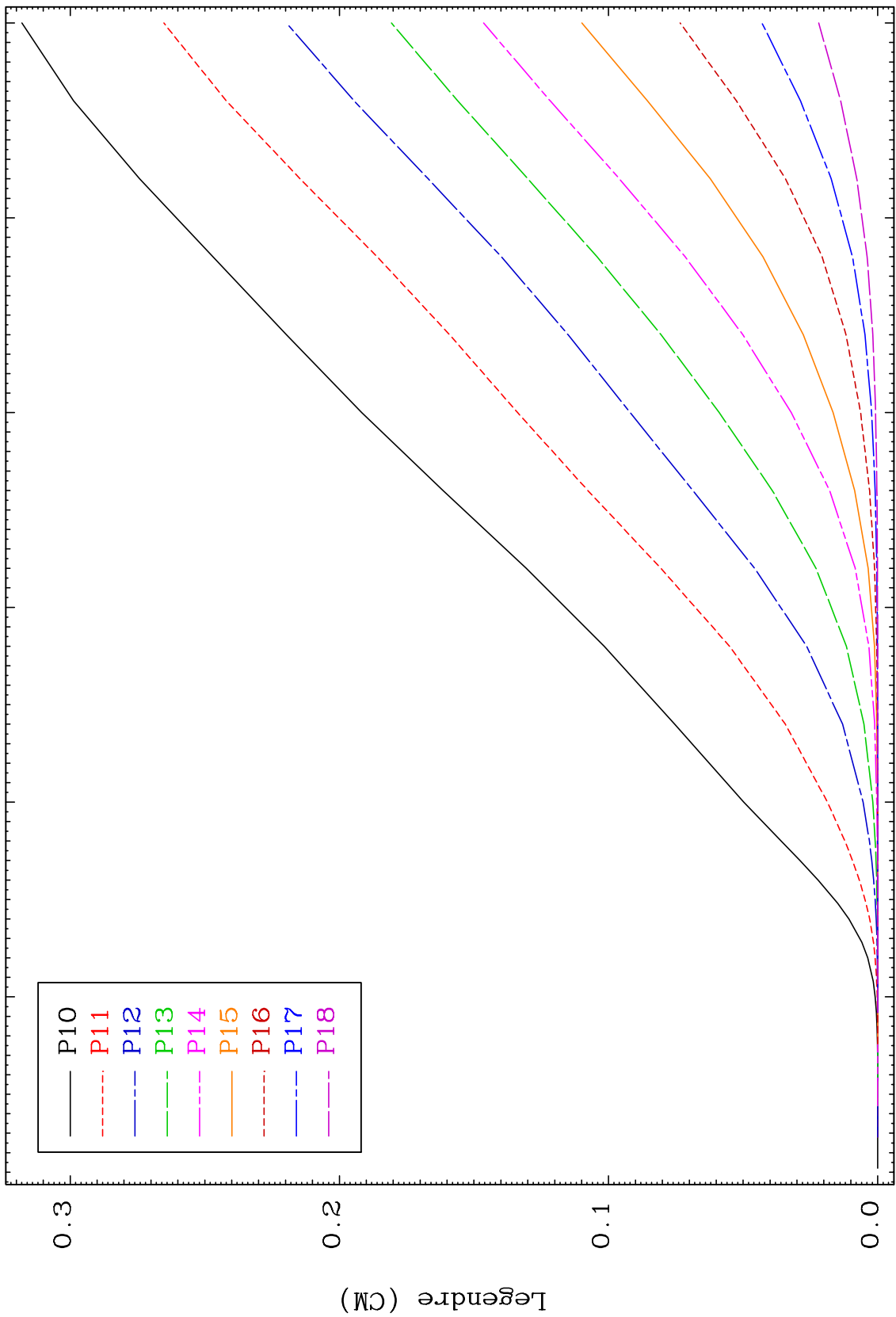
Incident Energy (MeV)

56-Ba-133

MAT 5634

Elastic Legendre Coefficients

56-Ba-133



17

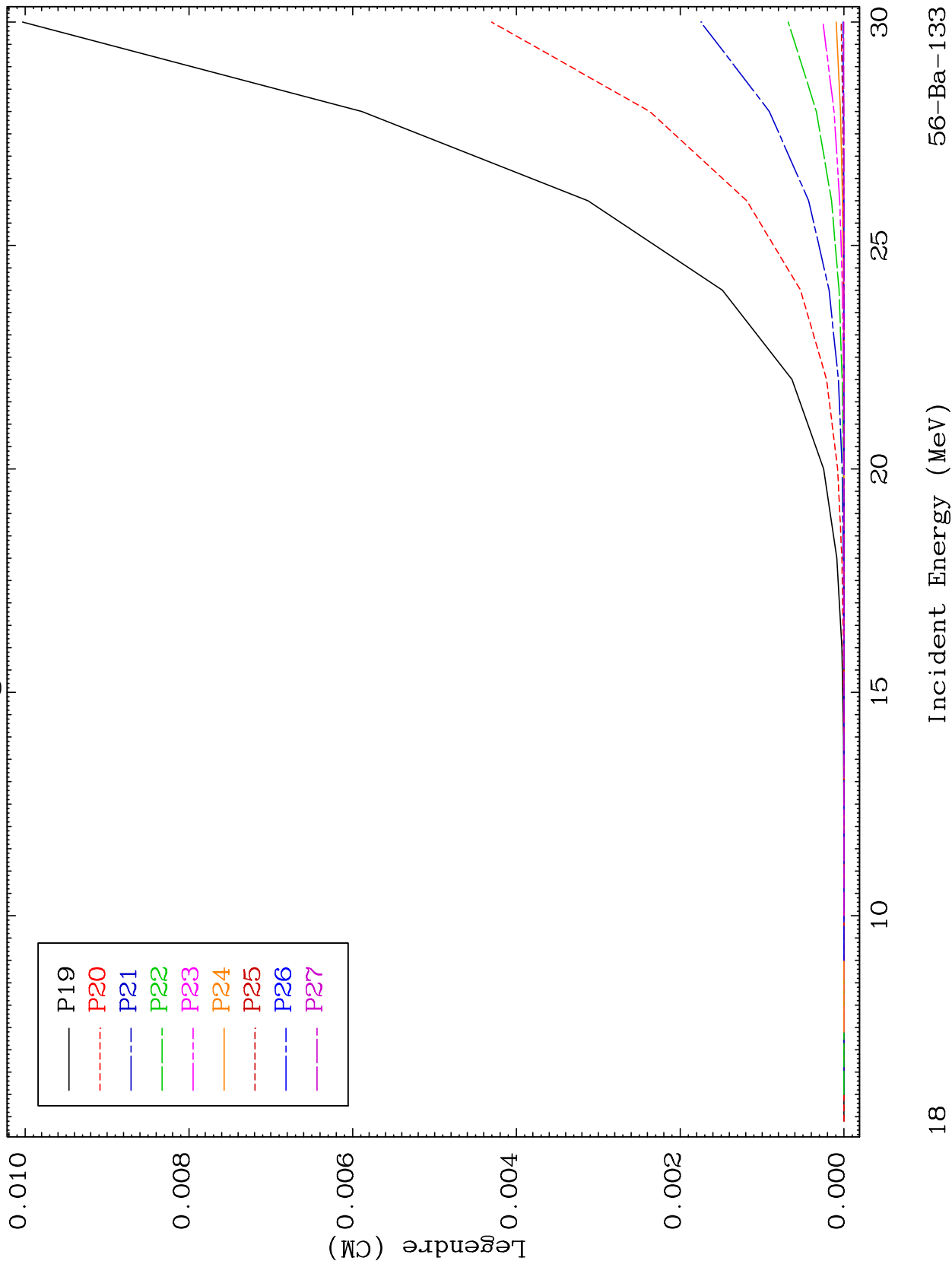
56-Ba-133

Incident Energy (MeV)

MAT 5634

Elastic Legendre Coefficients

56-Ba-133



18

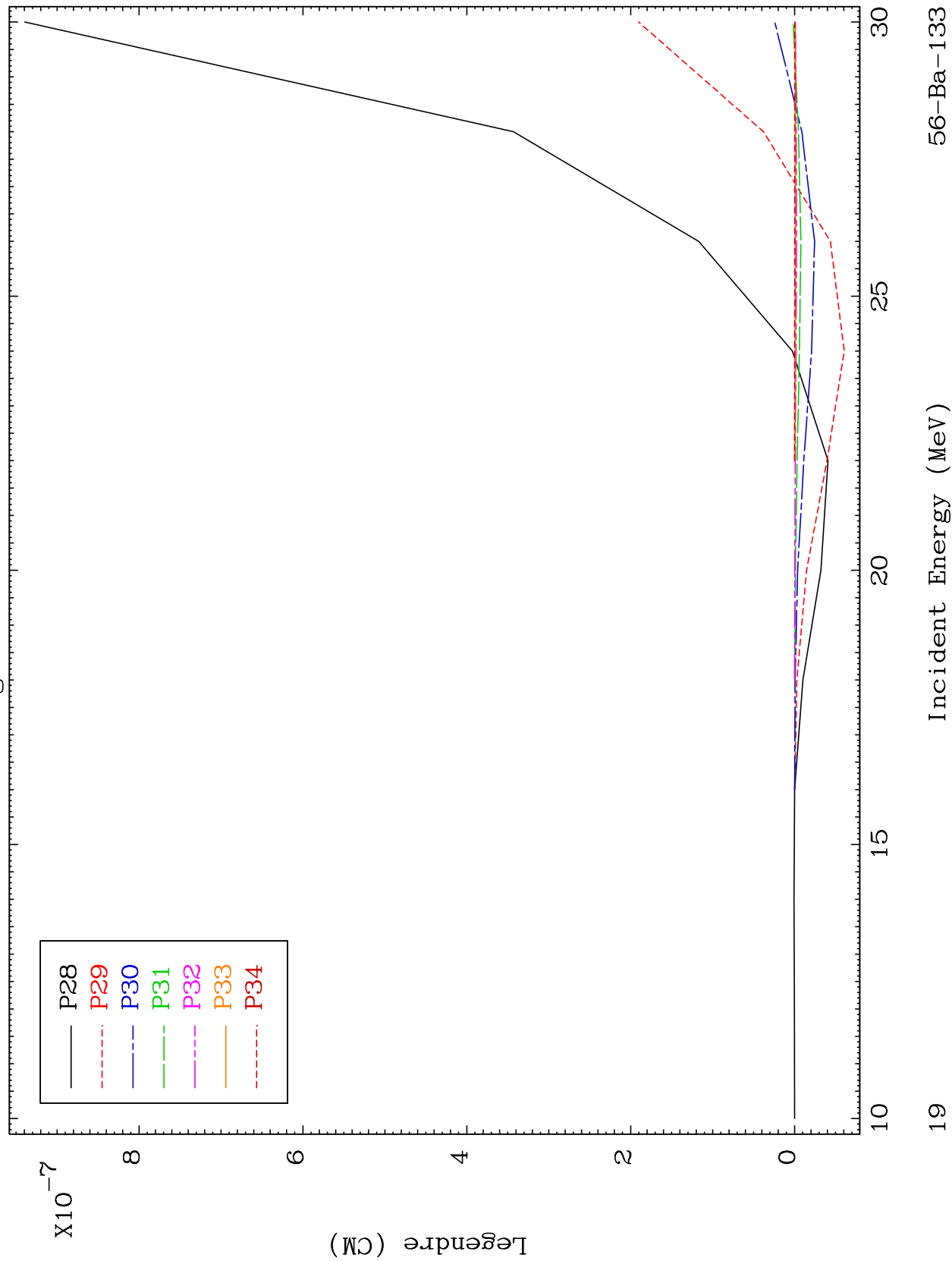
Incident Energy (MeV)

56-Ba-133

MAT 5634

Elastic
Legendre Coefficients

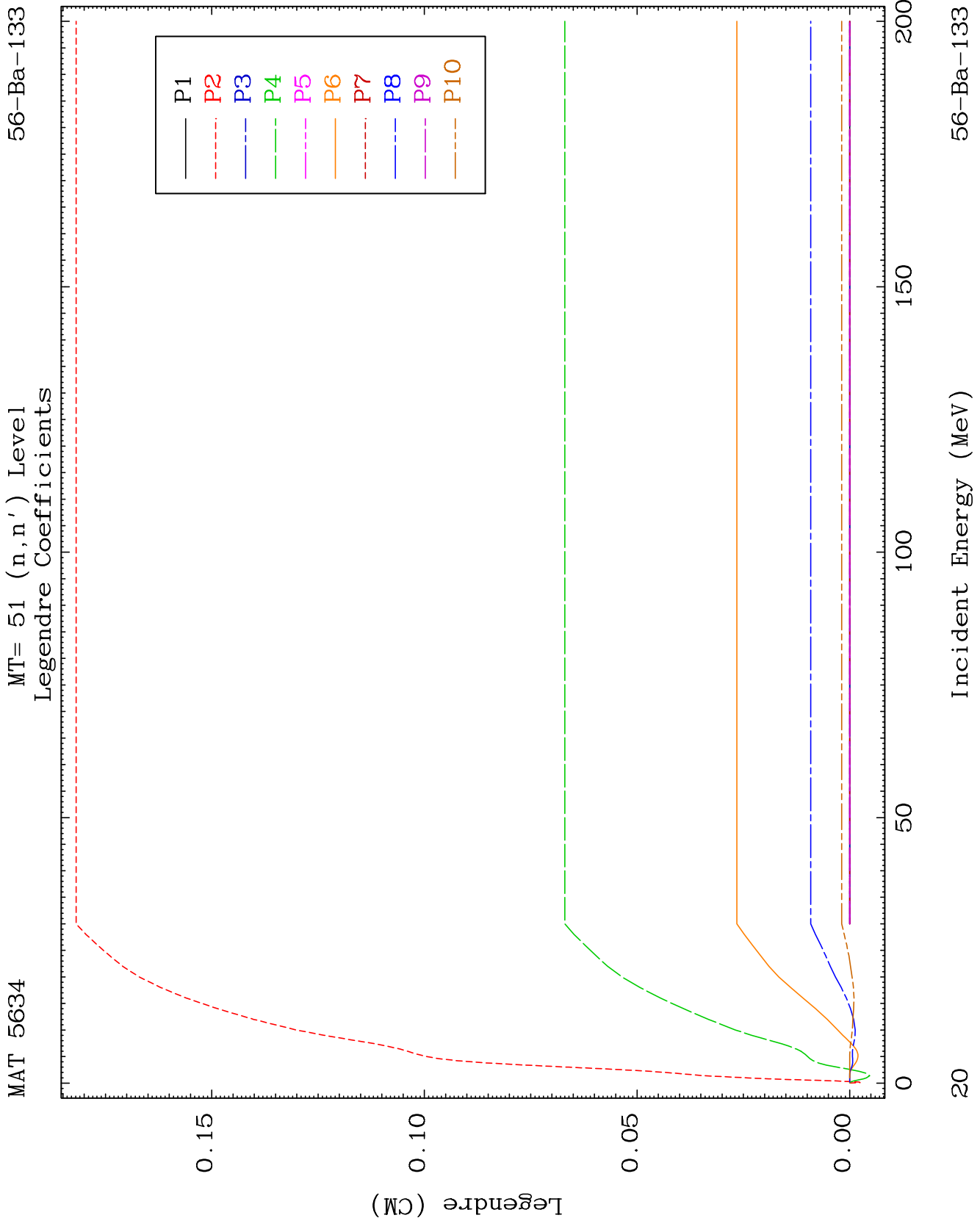
56-Ba-133



19

Incident Energy (MeV)

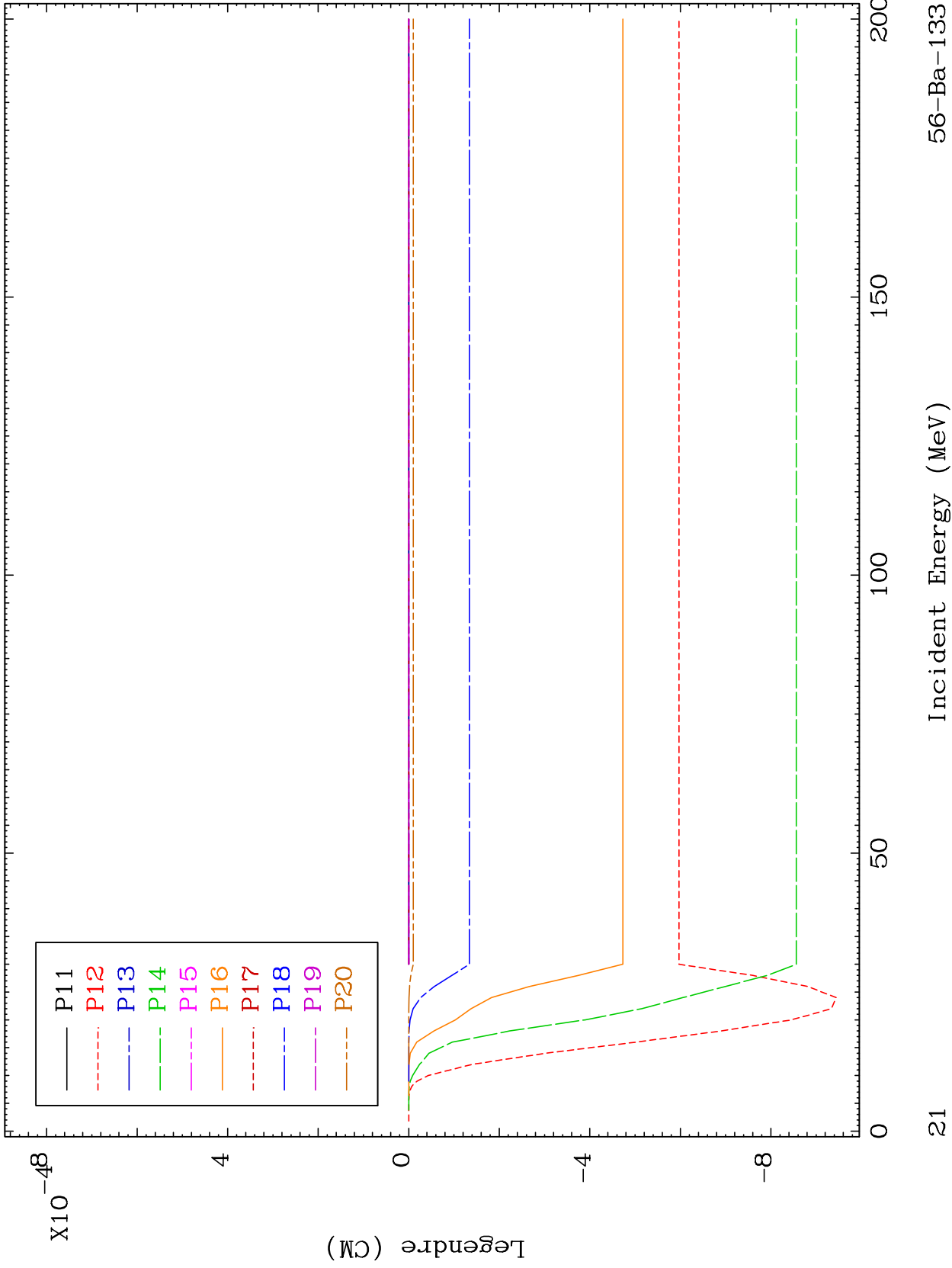
56-Ba-133



MAT 5634

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

56-Ba-133

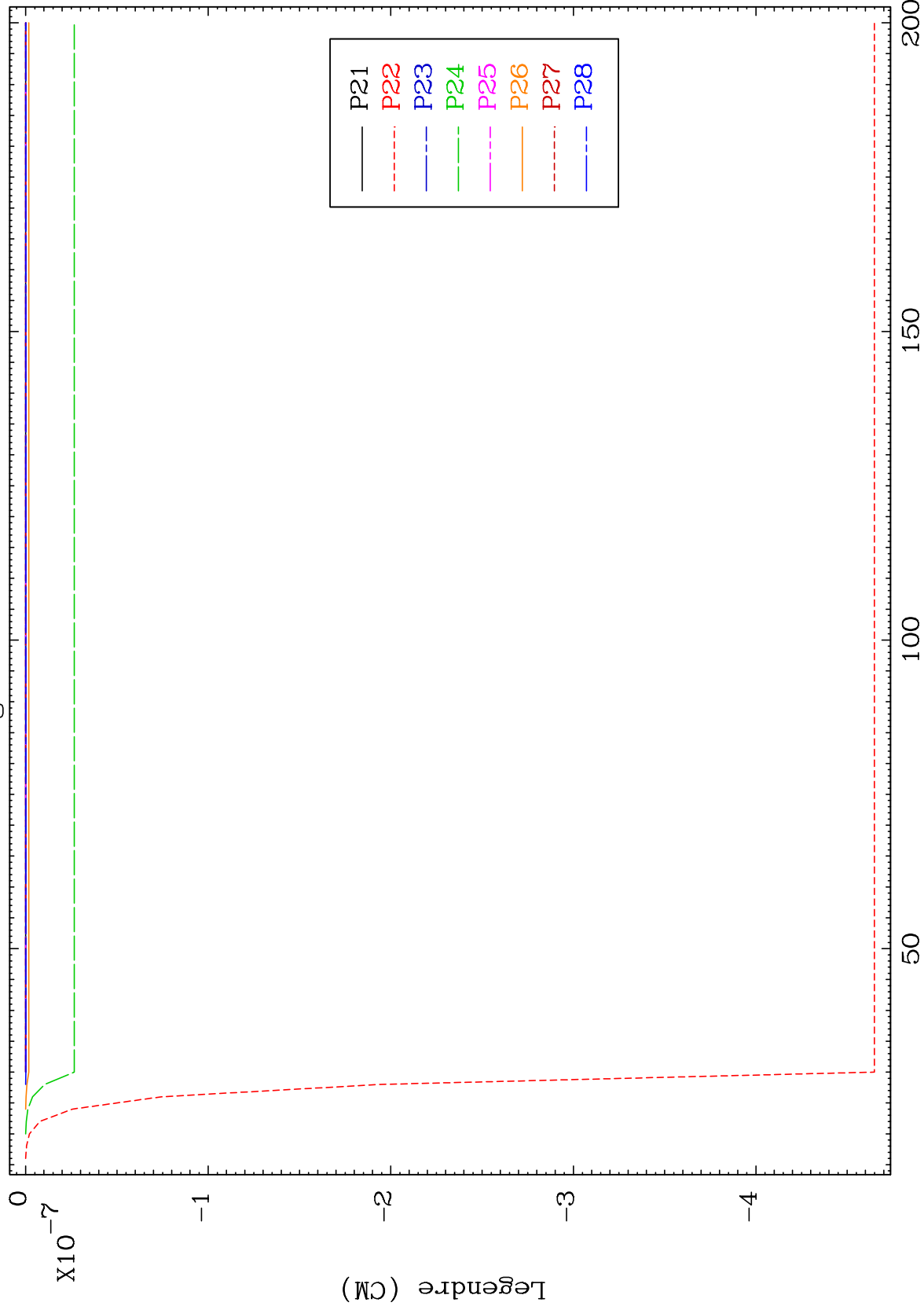


21

MAT 5634

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

56-Ba-133



56-Ba-133

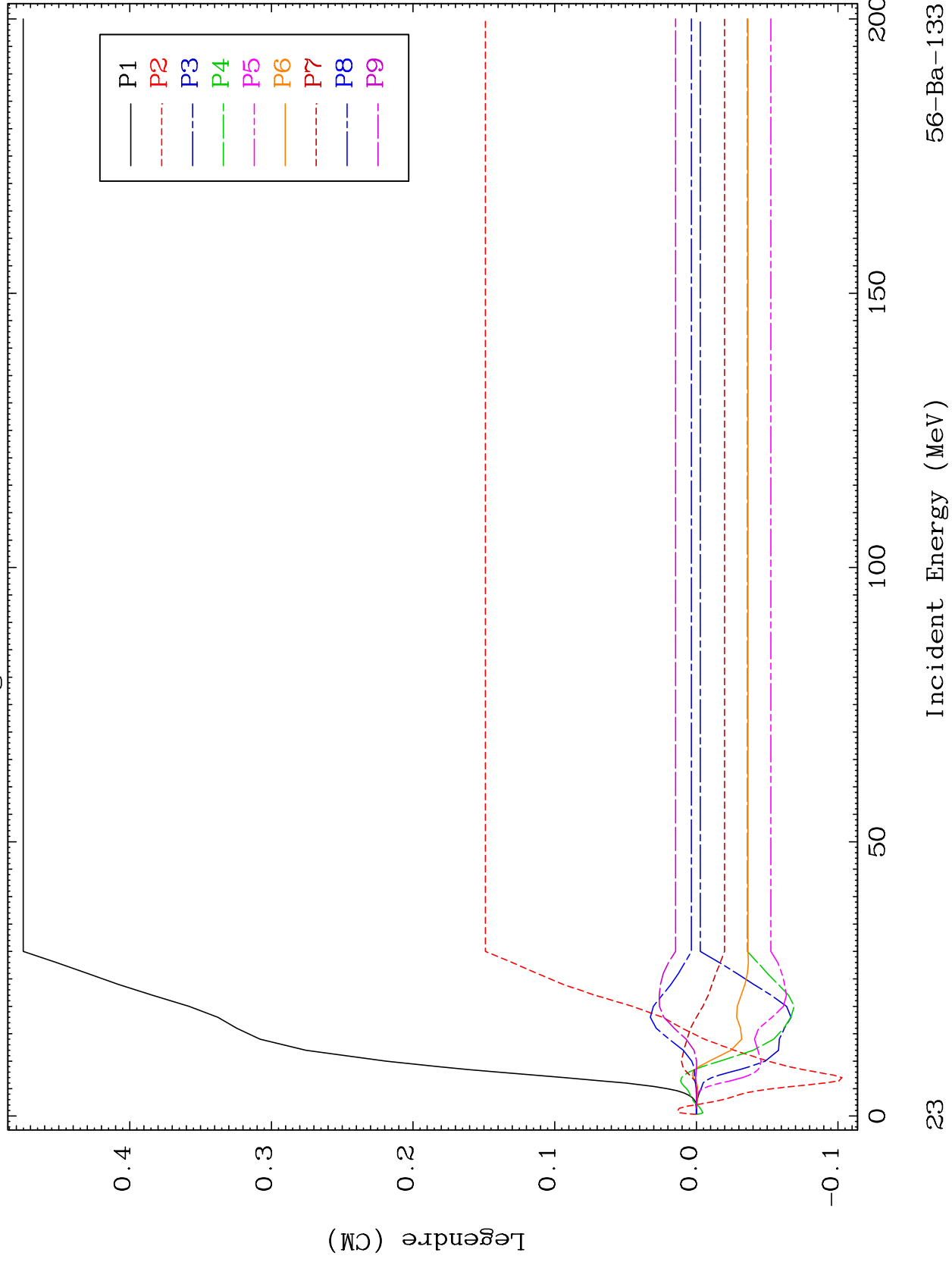
Incident Energy (MeV)

22

MAT 5634

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

56-Ba-133



56-Ba-133

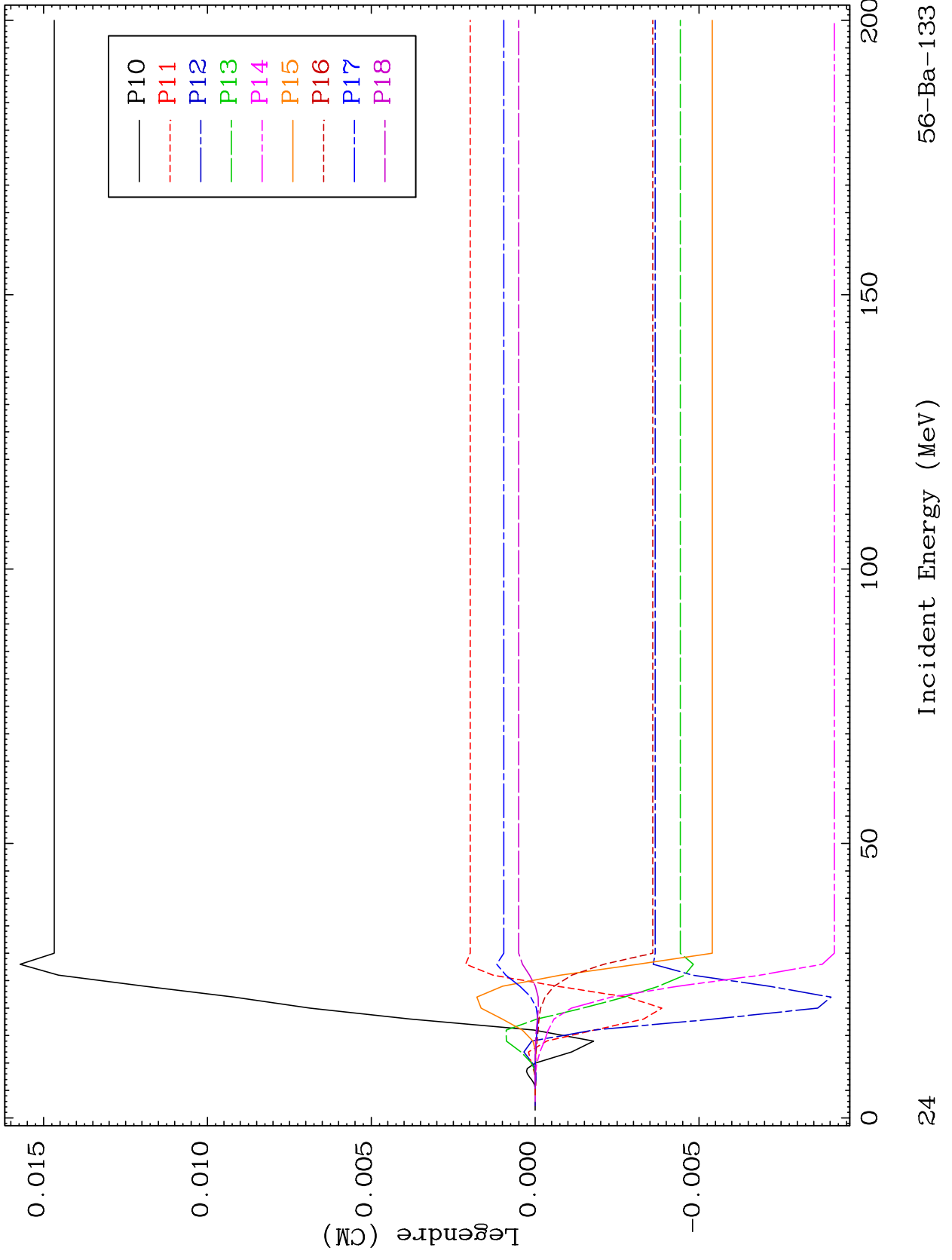
Incident Energy (MeV)

23

MAT 5634

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

56-Ba-133



24

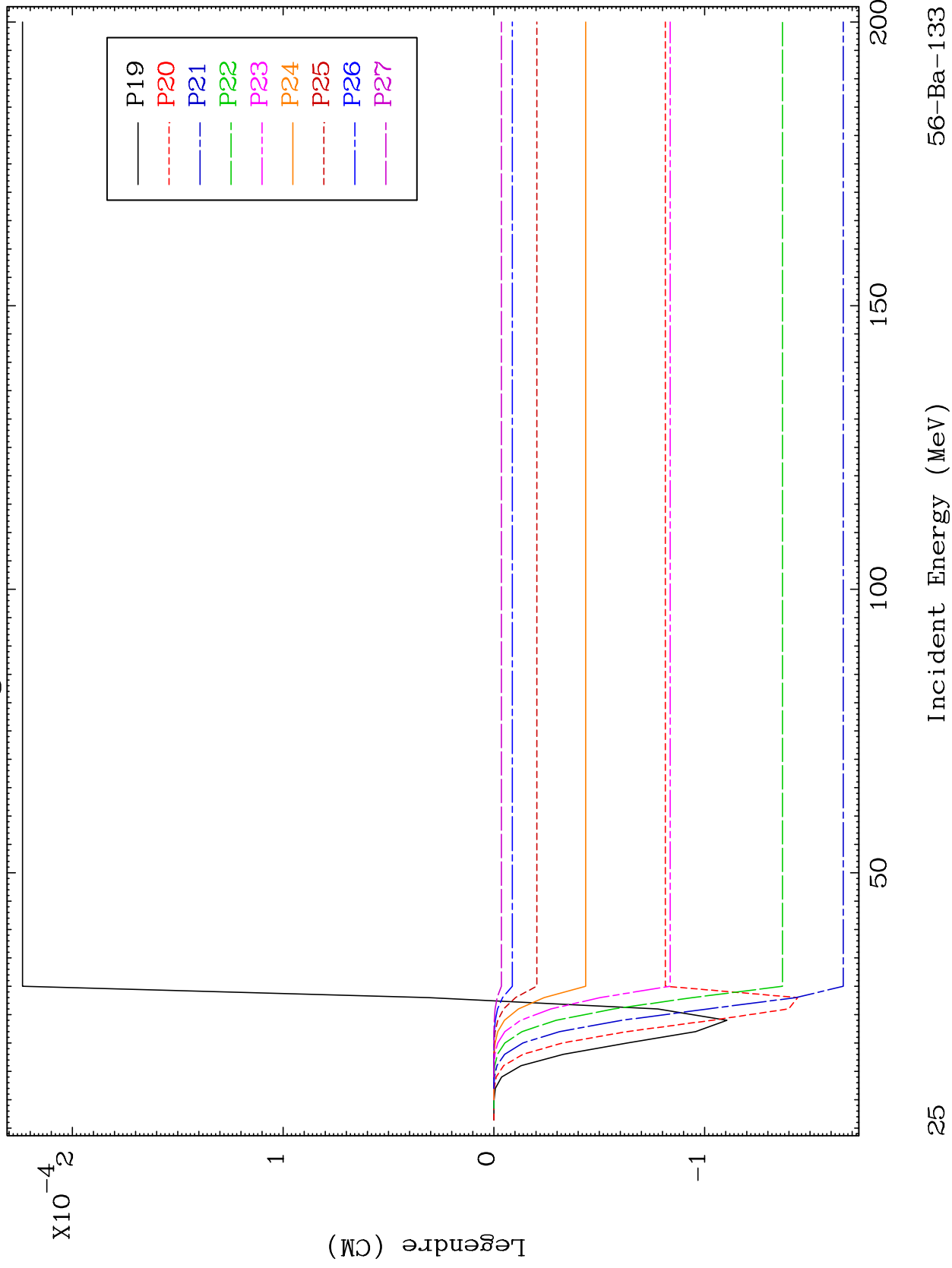
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

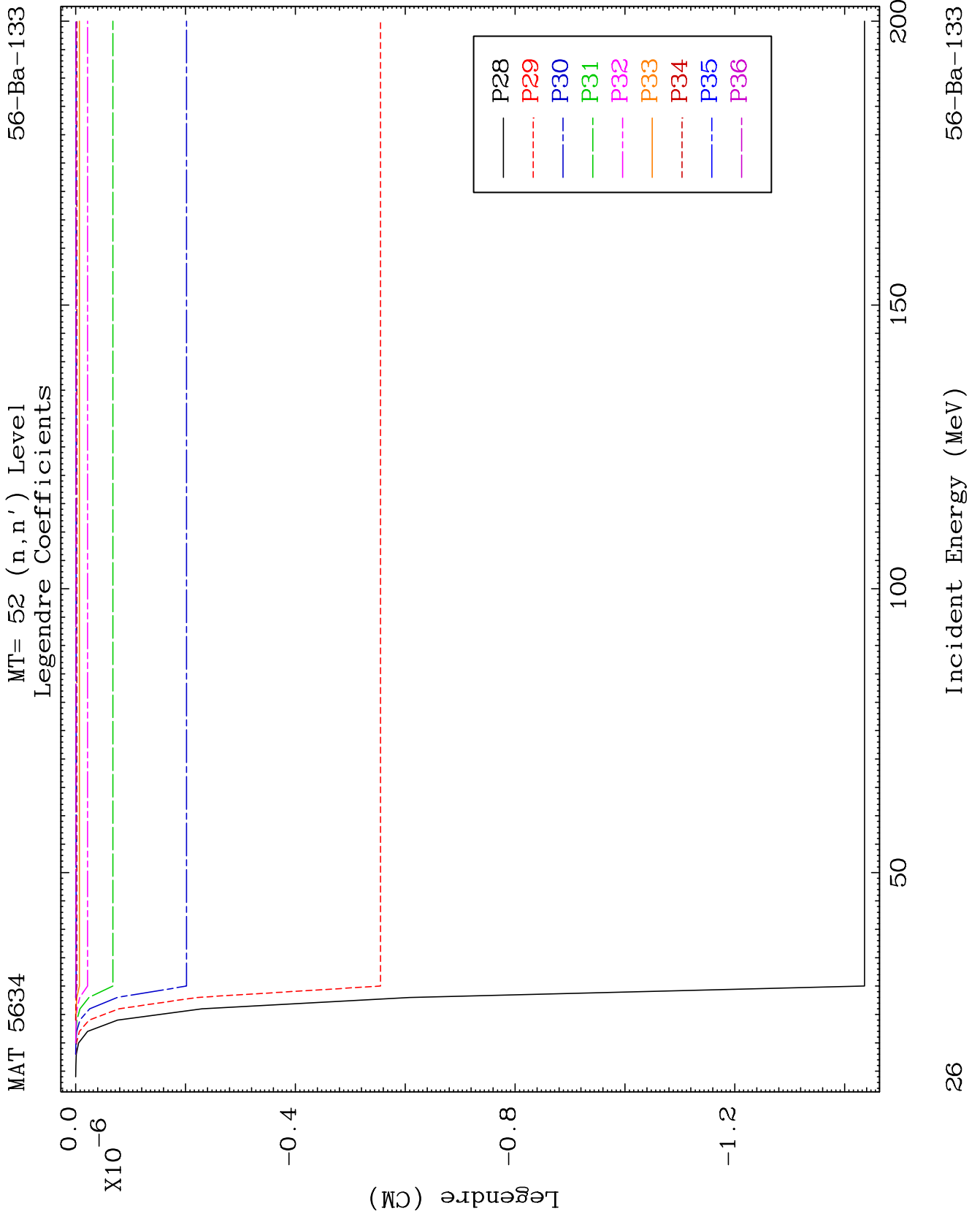
56-Ba-133



25

Incident Energy (MeV)

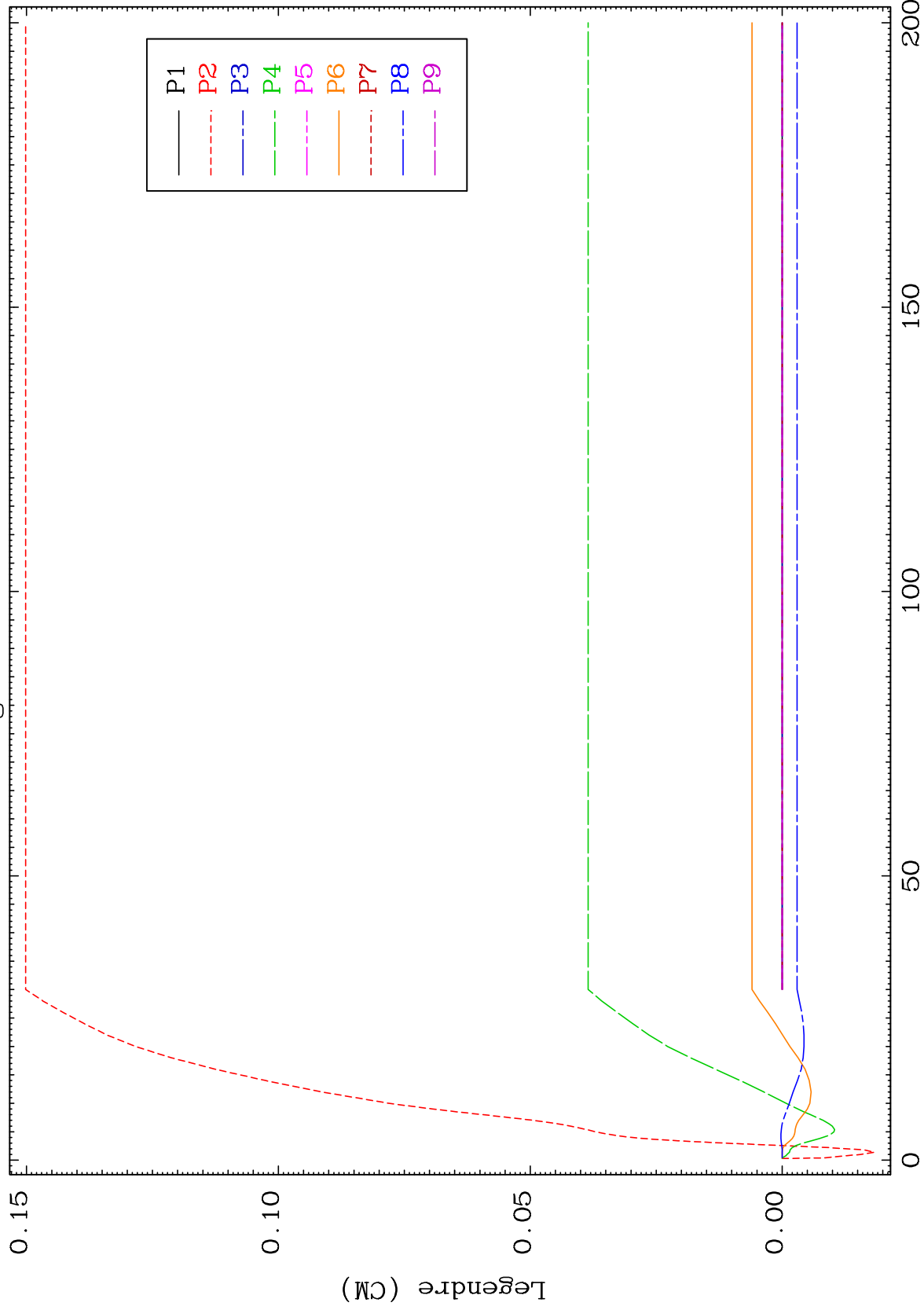
56-Ba-133



MAT 5634

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

56-Ba-133



56-Ba-133

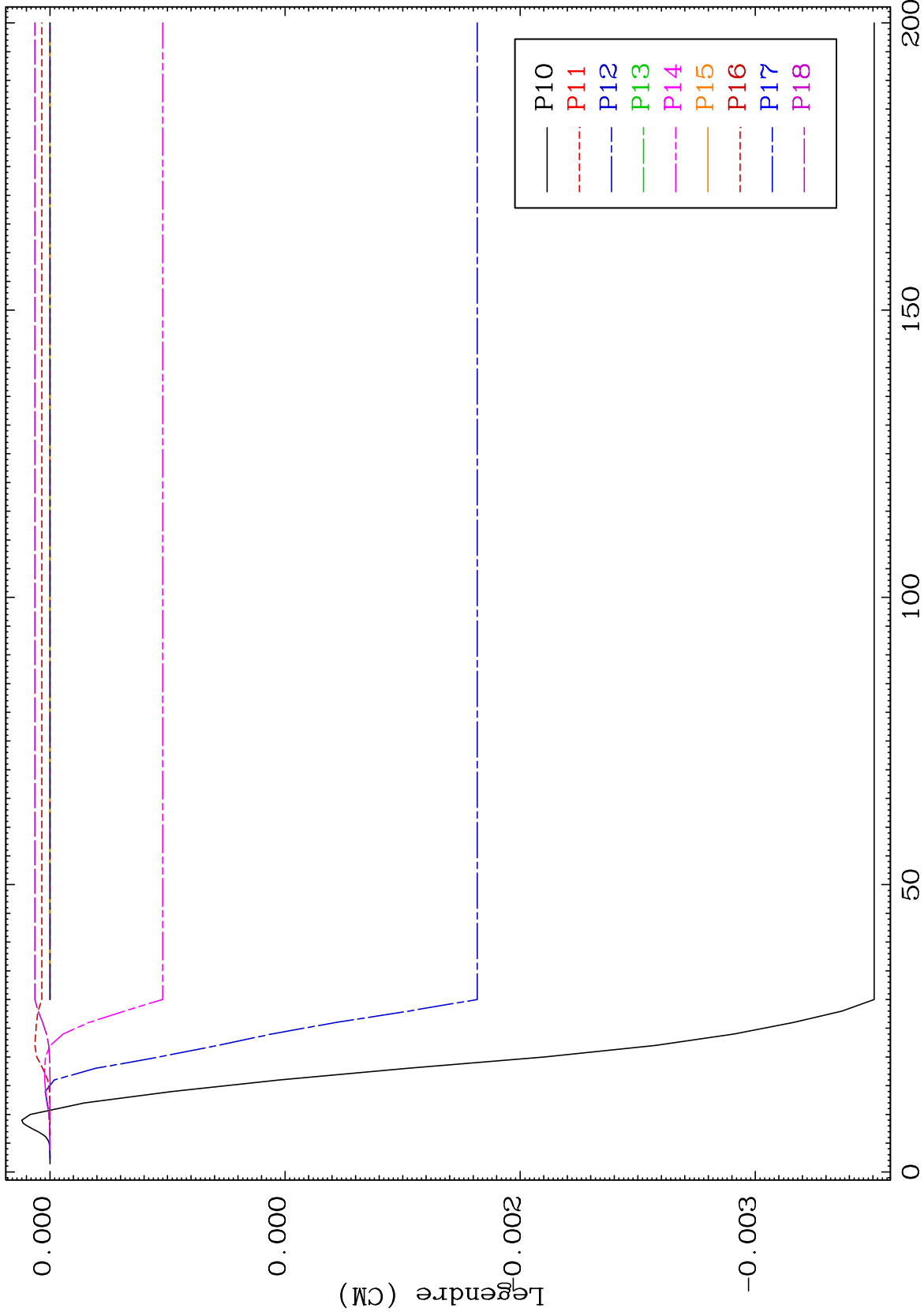
Incident Energy (MeV)

27

MAT 5634

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

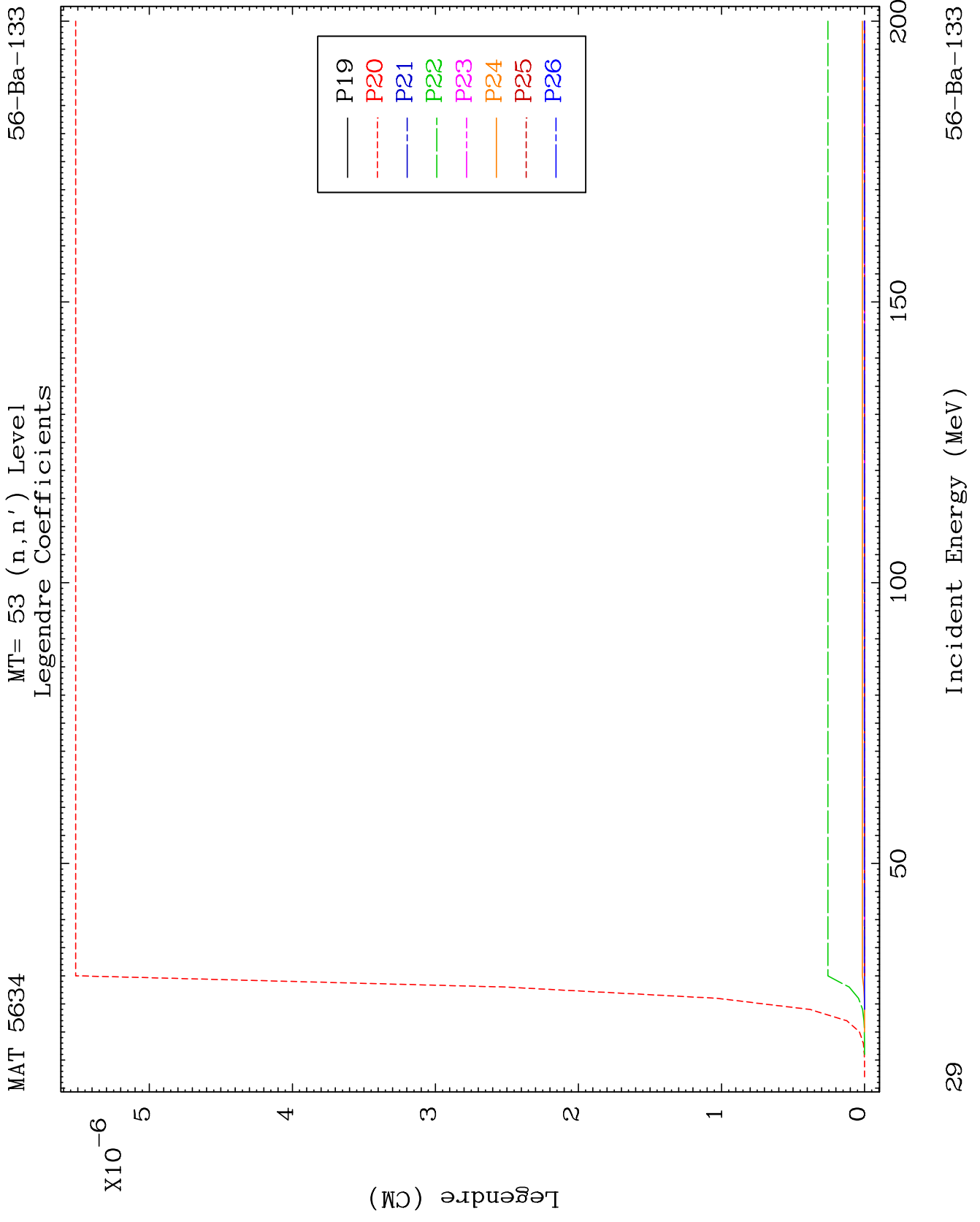
56-Ba-133

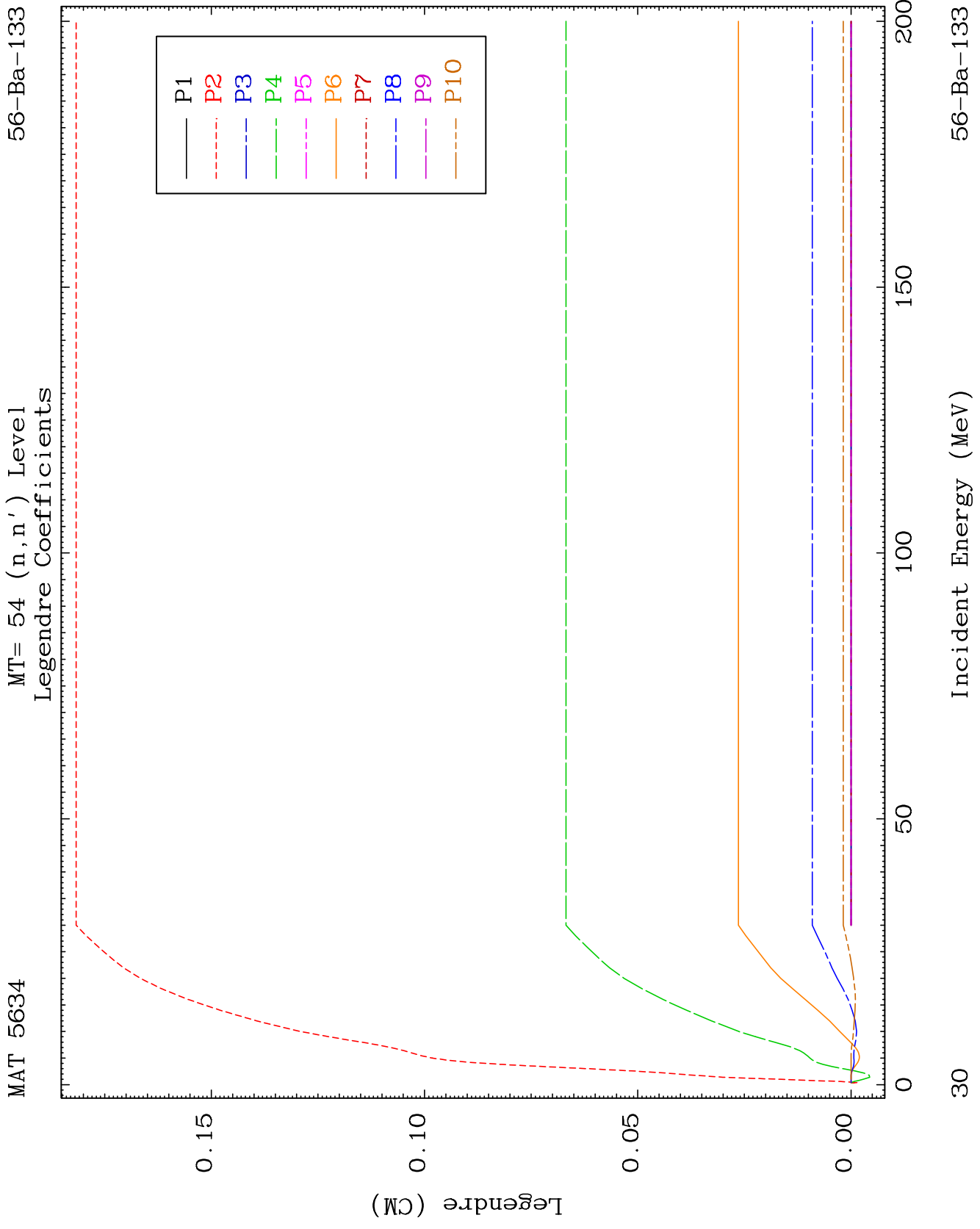


28

Incident Energy (MeV)

56-Ba-133

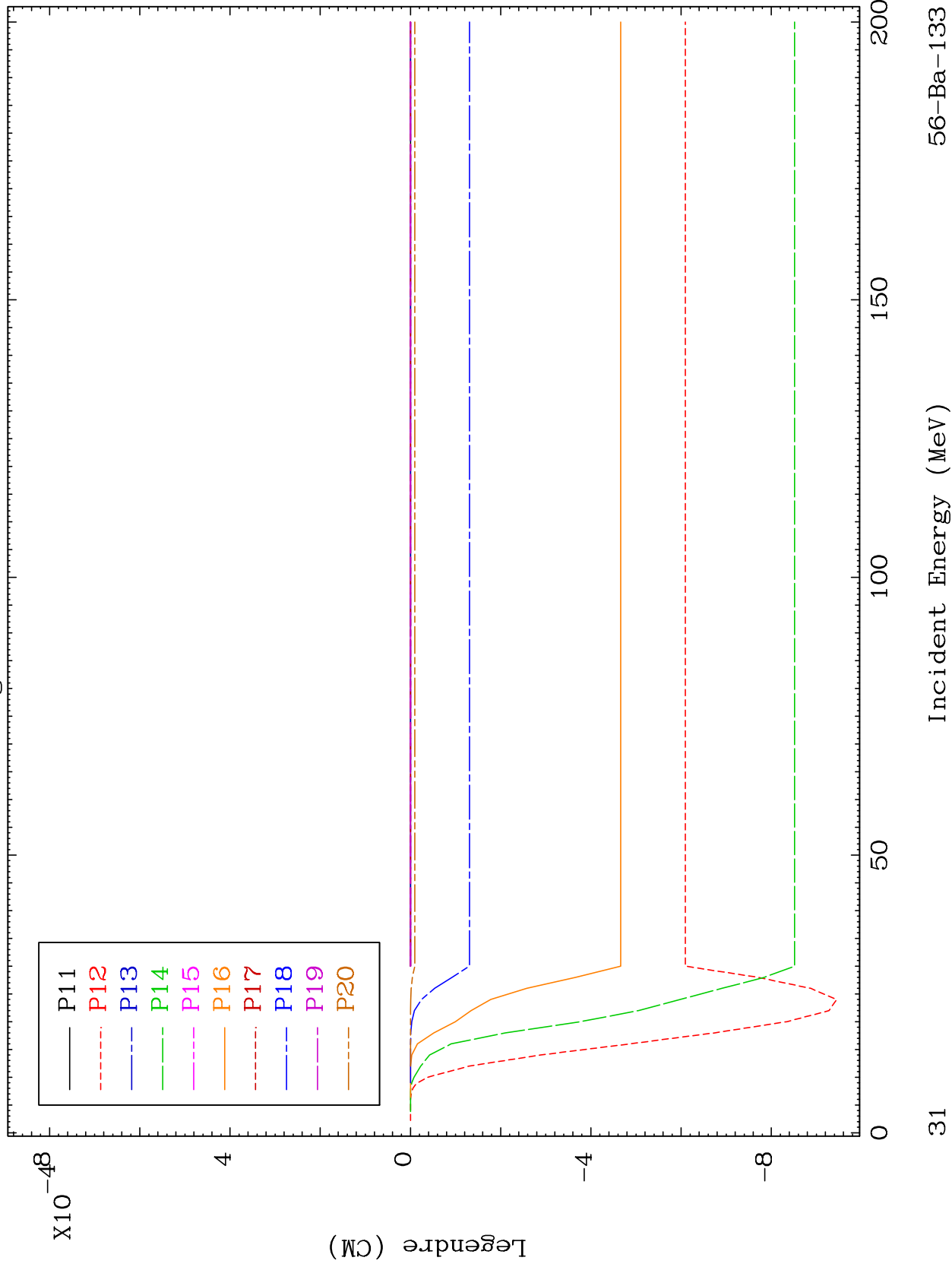




MAT 5634

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

56-Ba-133



31

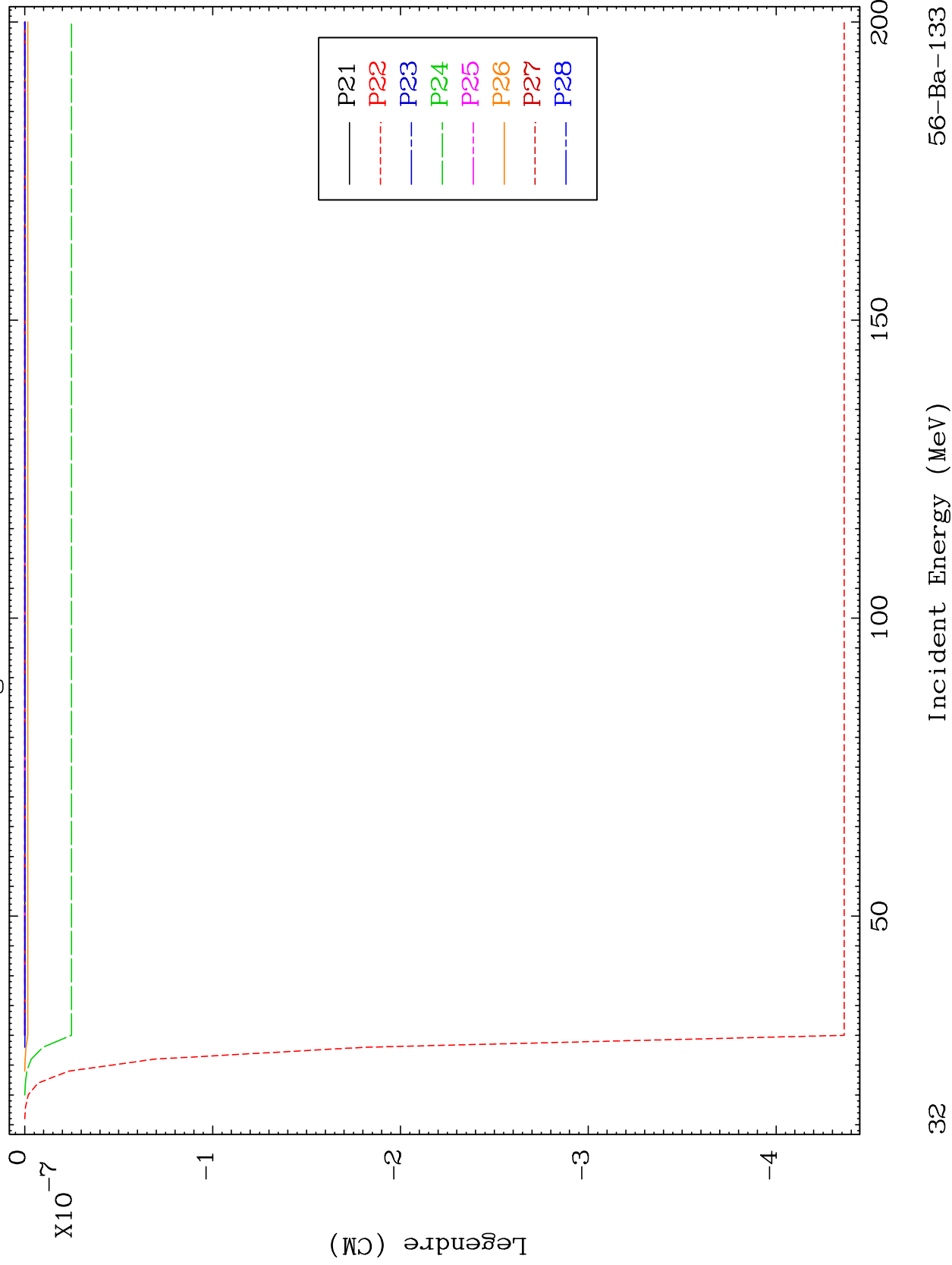
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

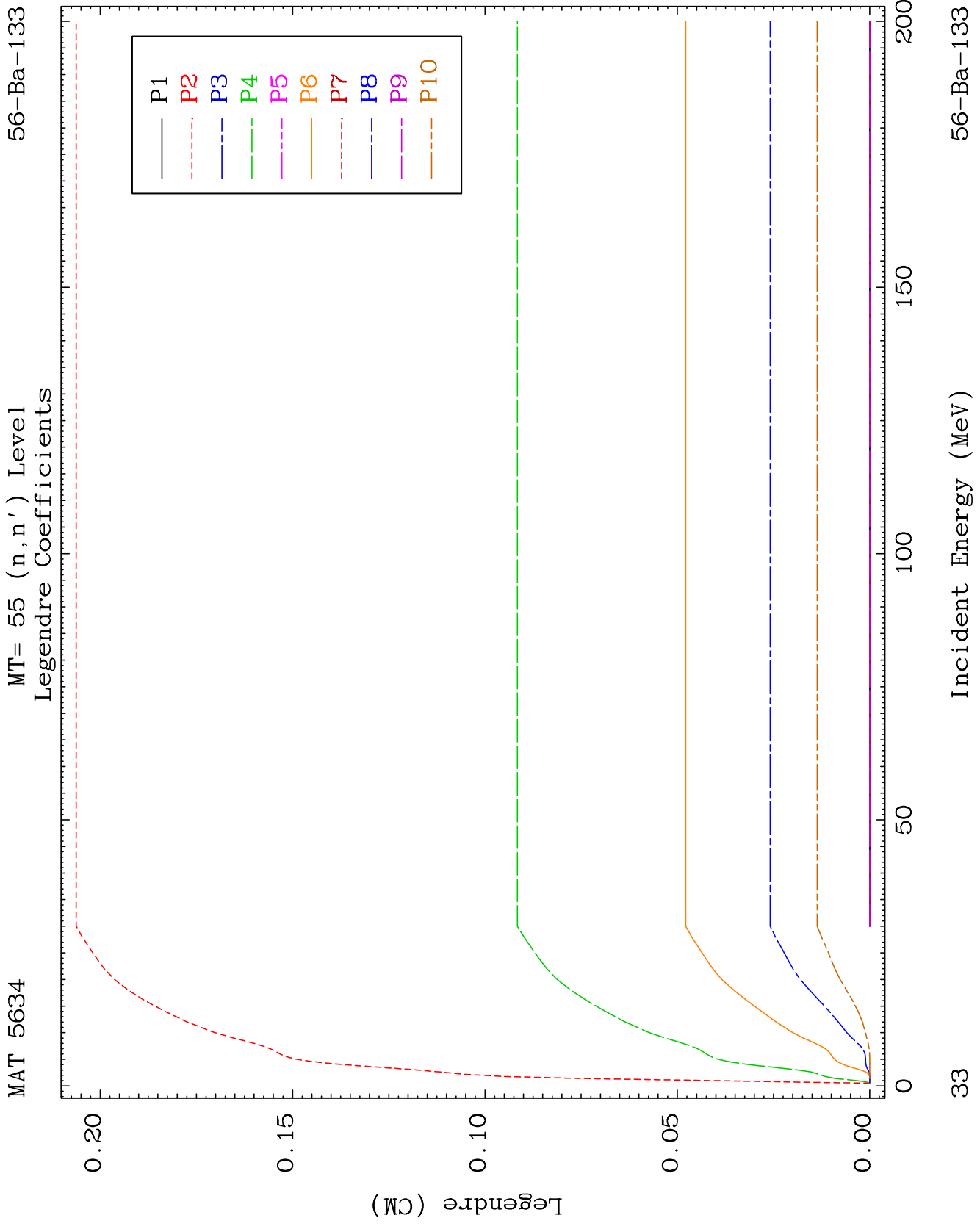
56-Ba-133



32

Incident Energy (MeV)

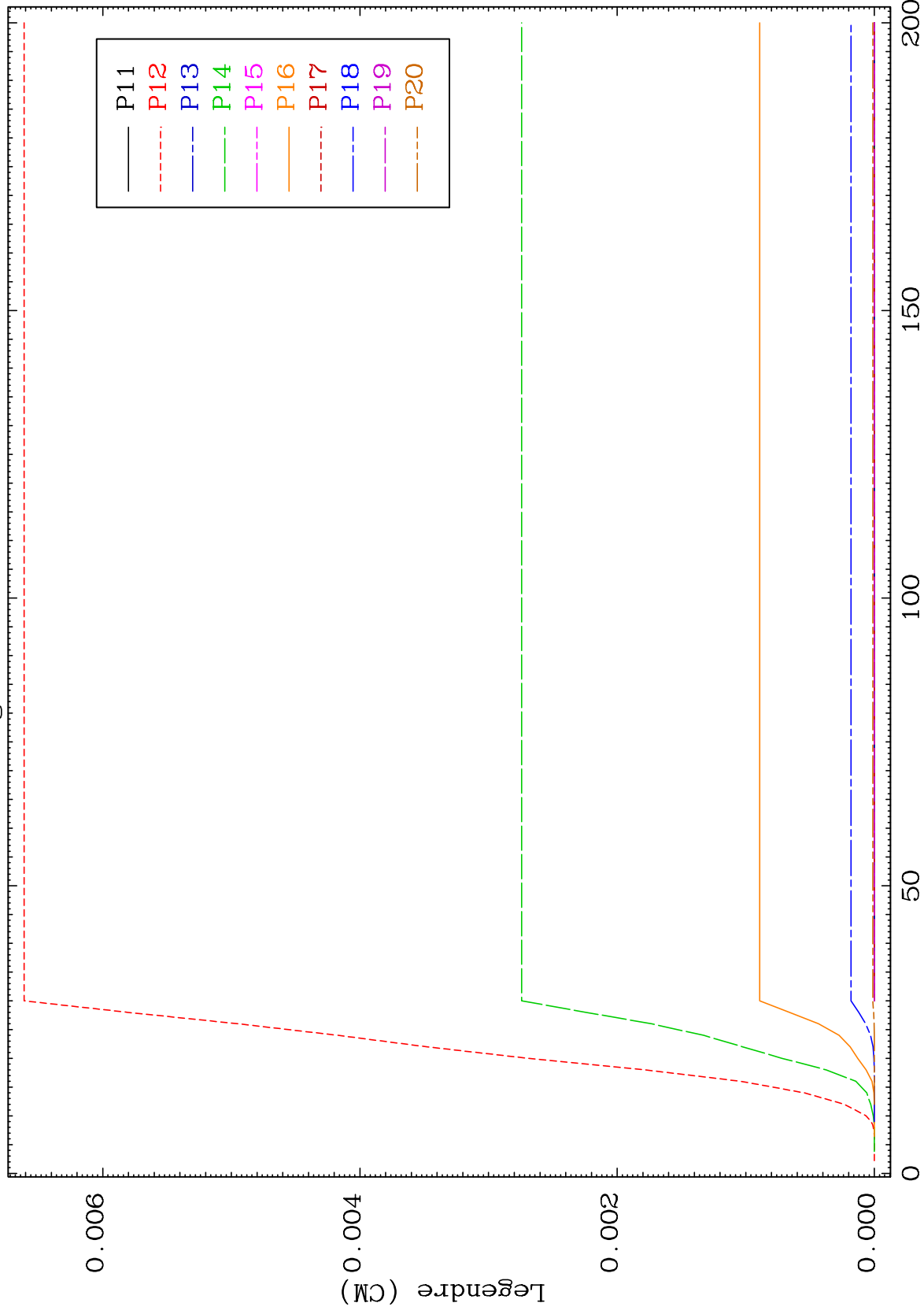
56-Ba-133



MAT 5634

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

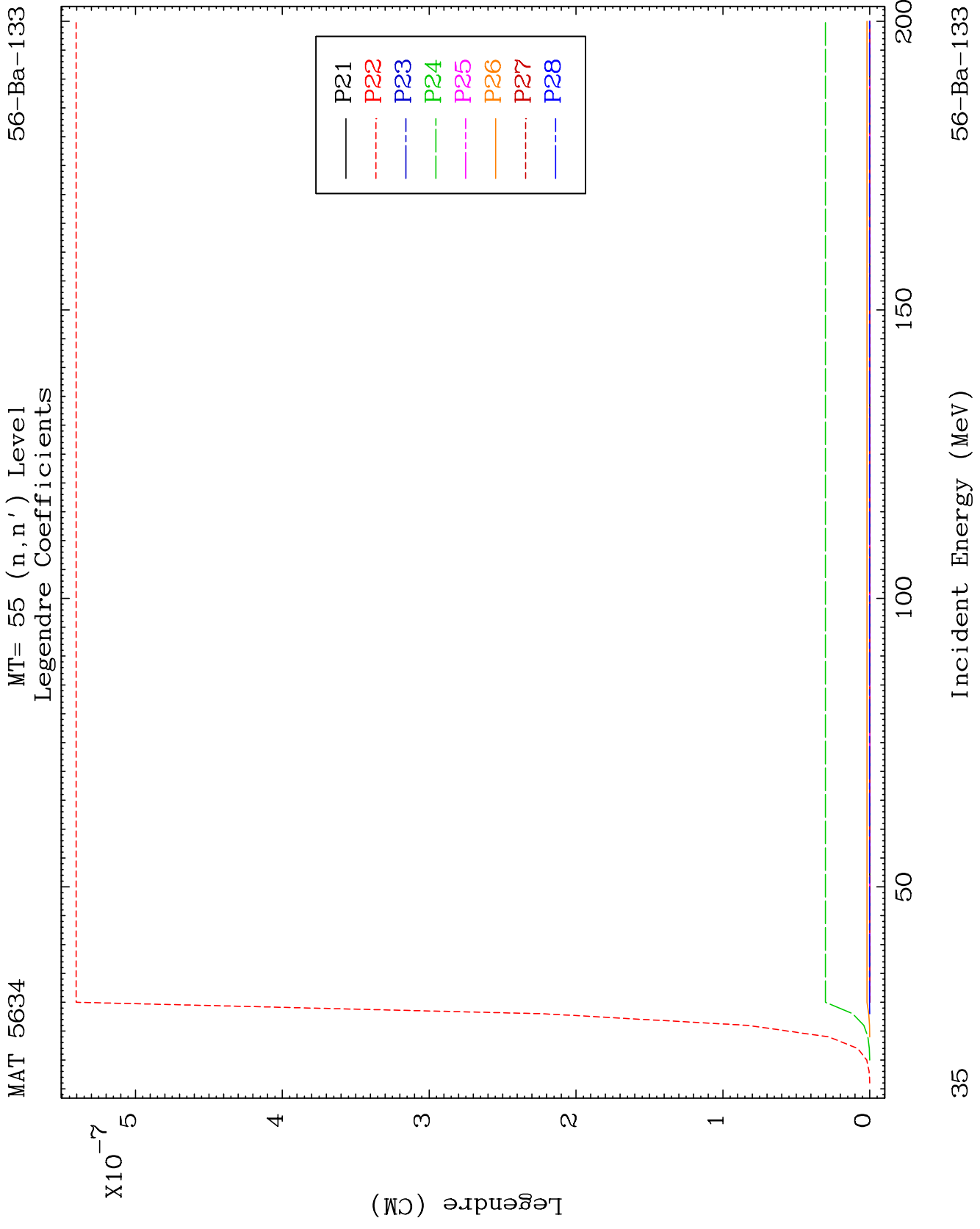
56-Ba-133



34

Incident Energy (MeV)

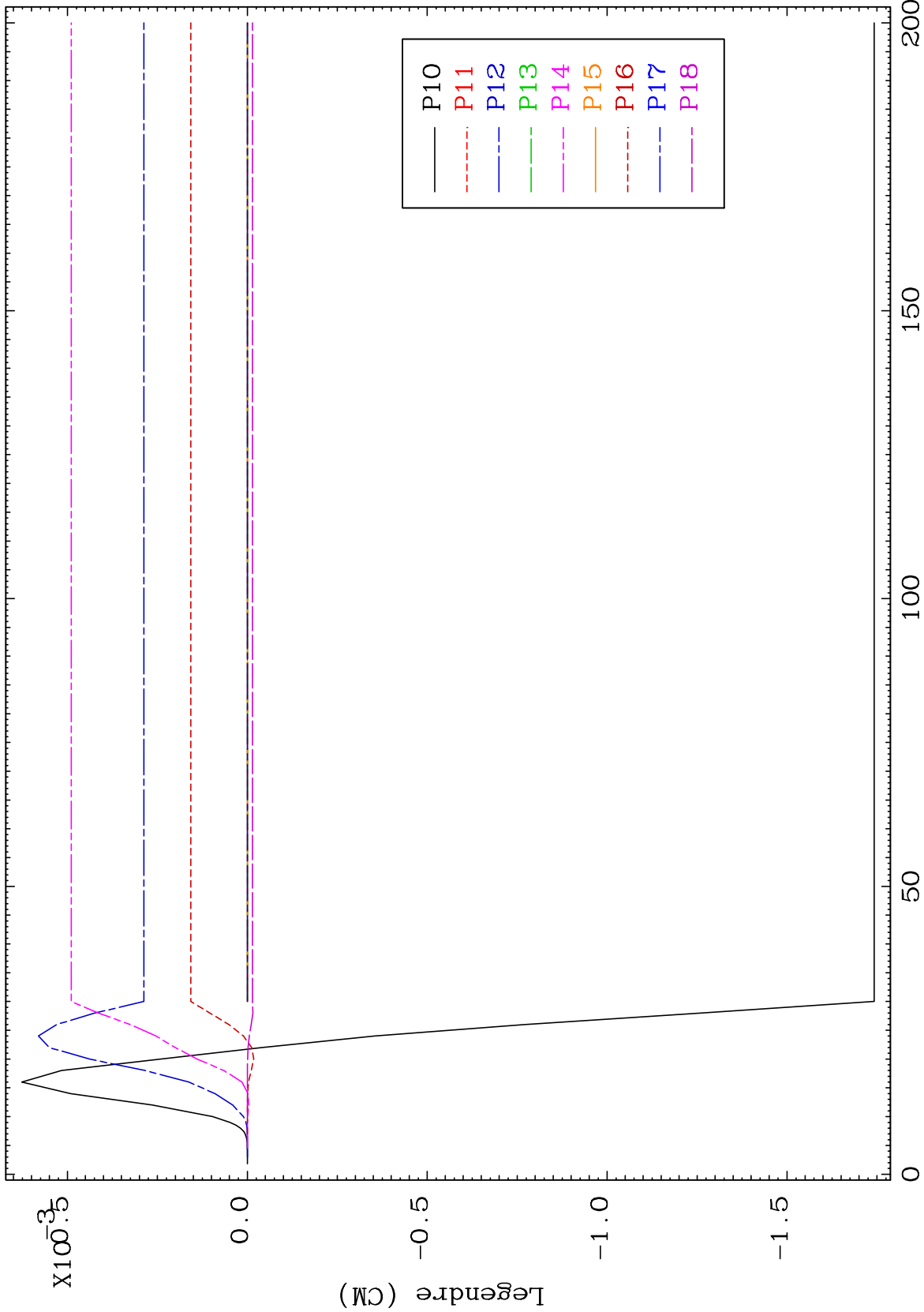
56-Ba-133



MAT 5634

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

56-Ba-133



37

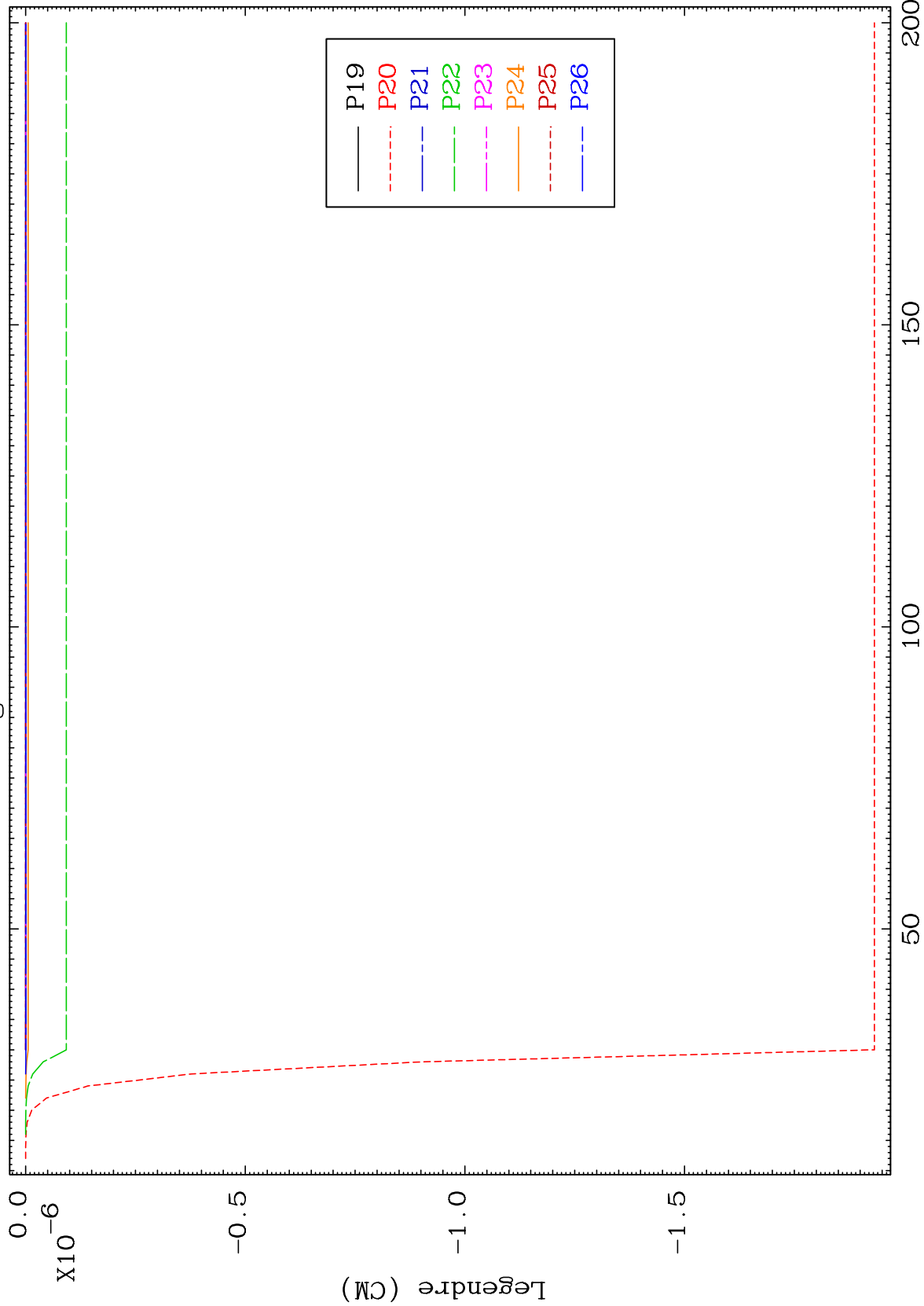
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

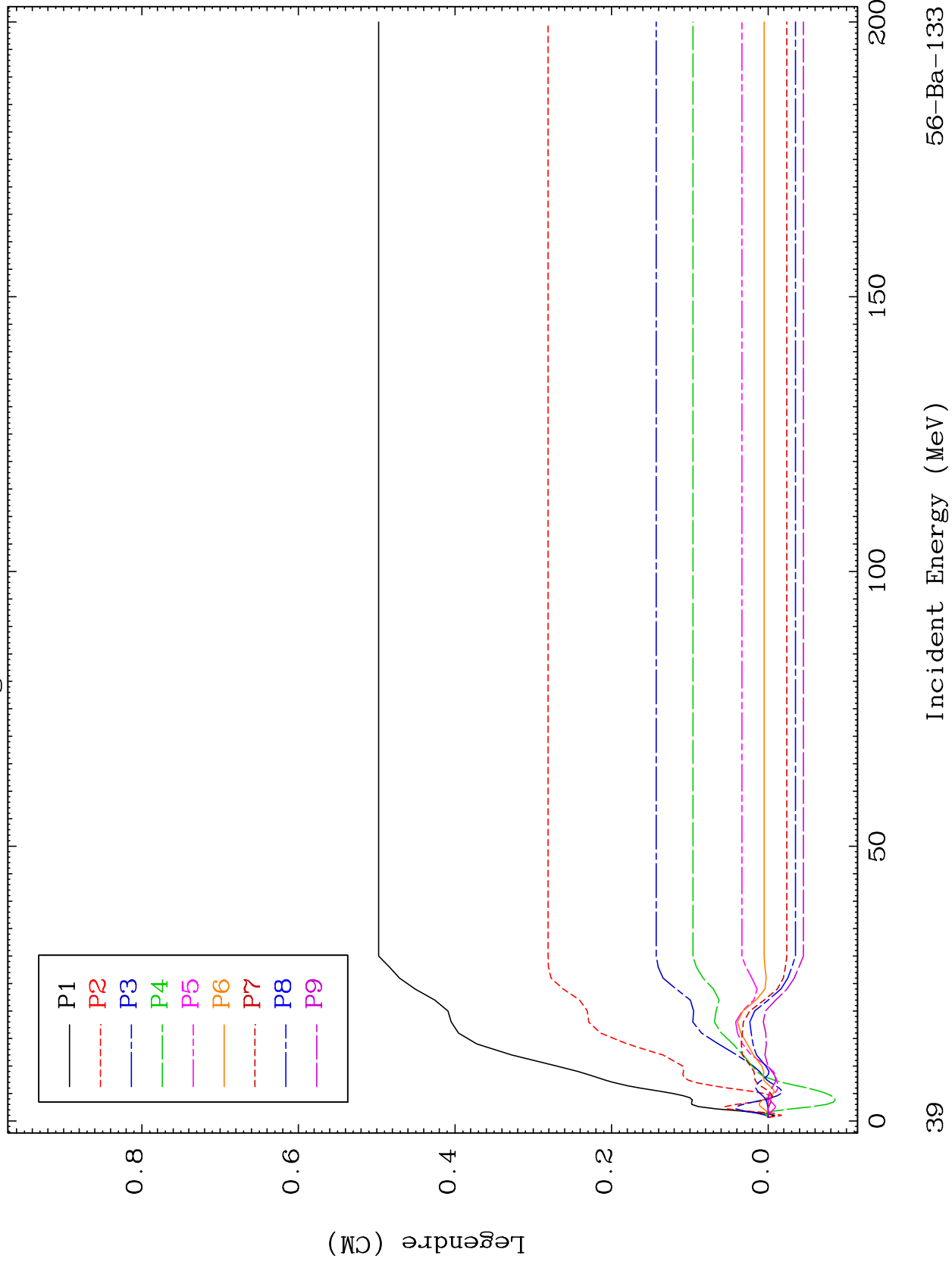
56-Ba-133



MAT 5634

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

56-Ba-133



56-Ba-133

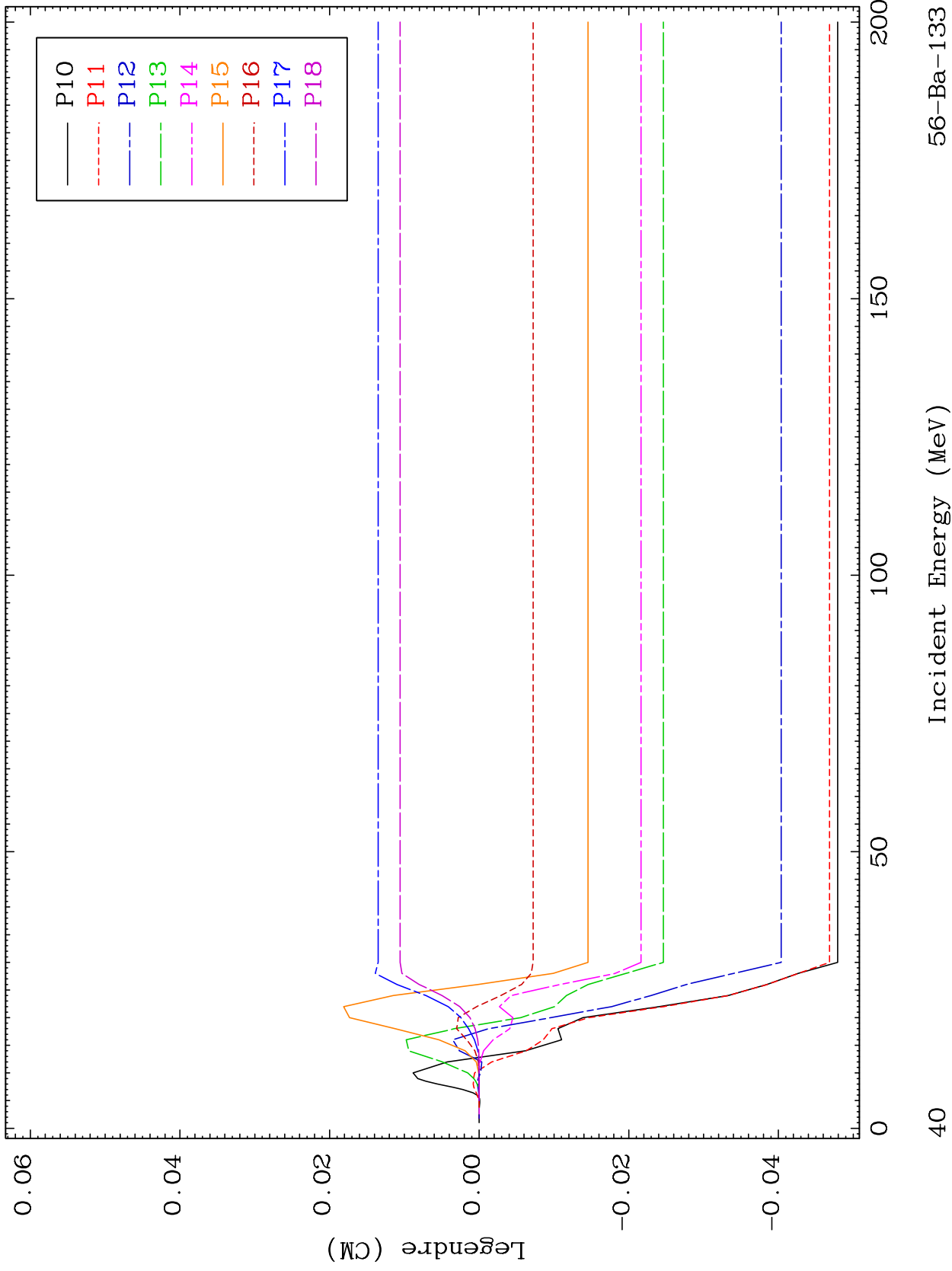
Incident Energy (MeV)

39

MAT 5634

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

56-Ba-133



56-Ba-133

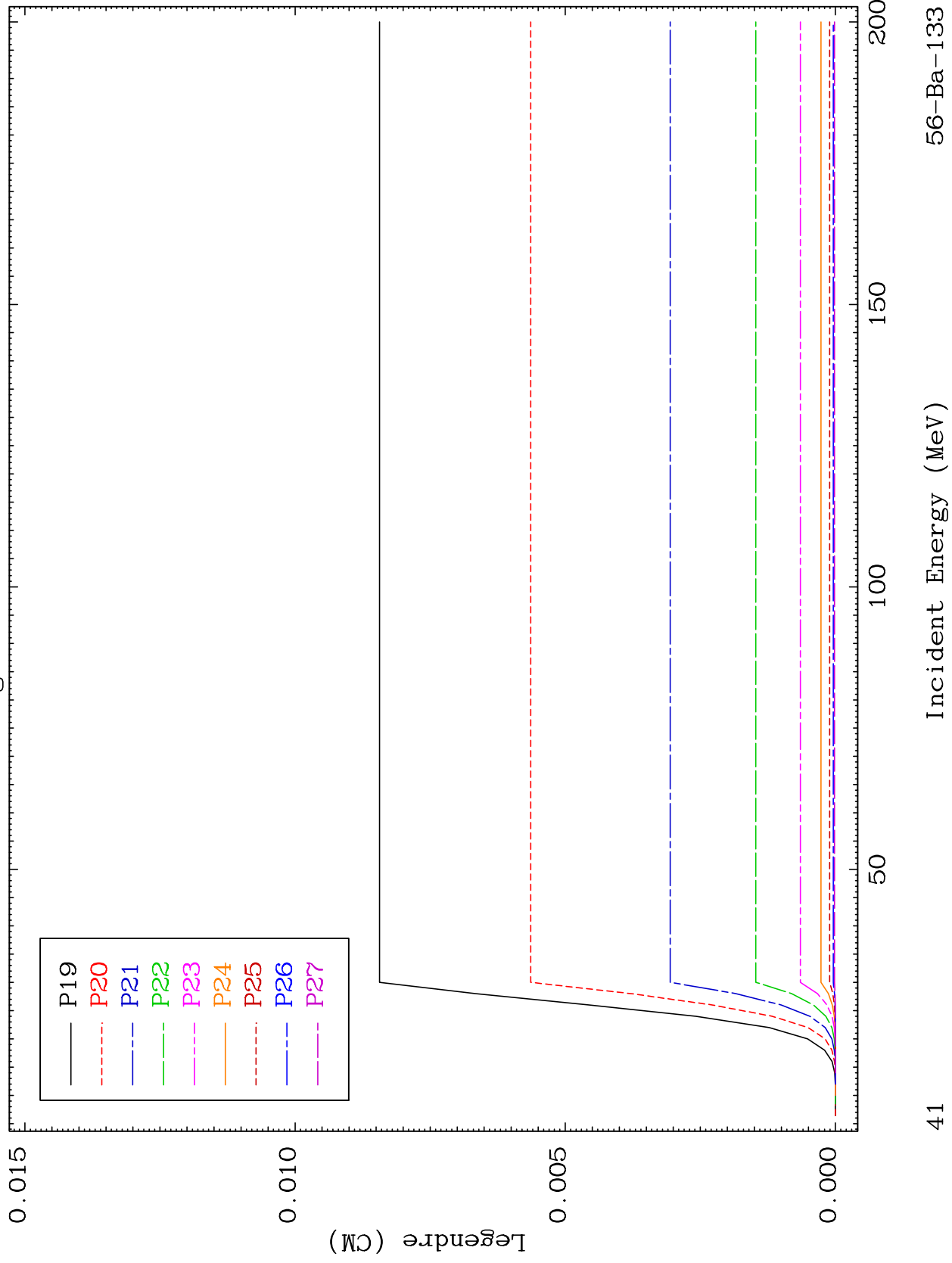
Incident Energy (MeV)

40

MAT 5634

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

56-Ba-133



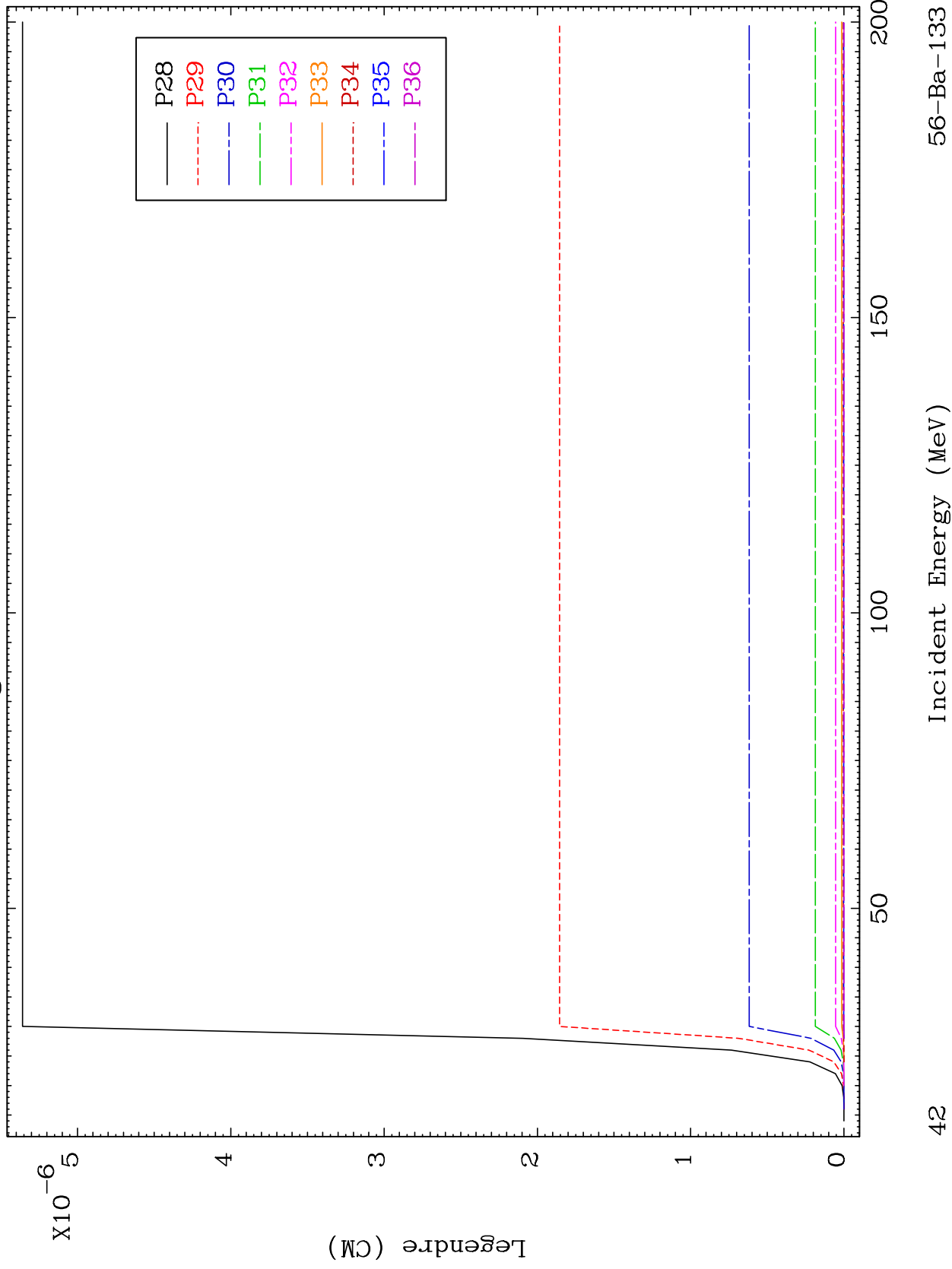
41

56-Ba-133

MAT 5634

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

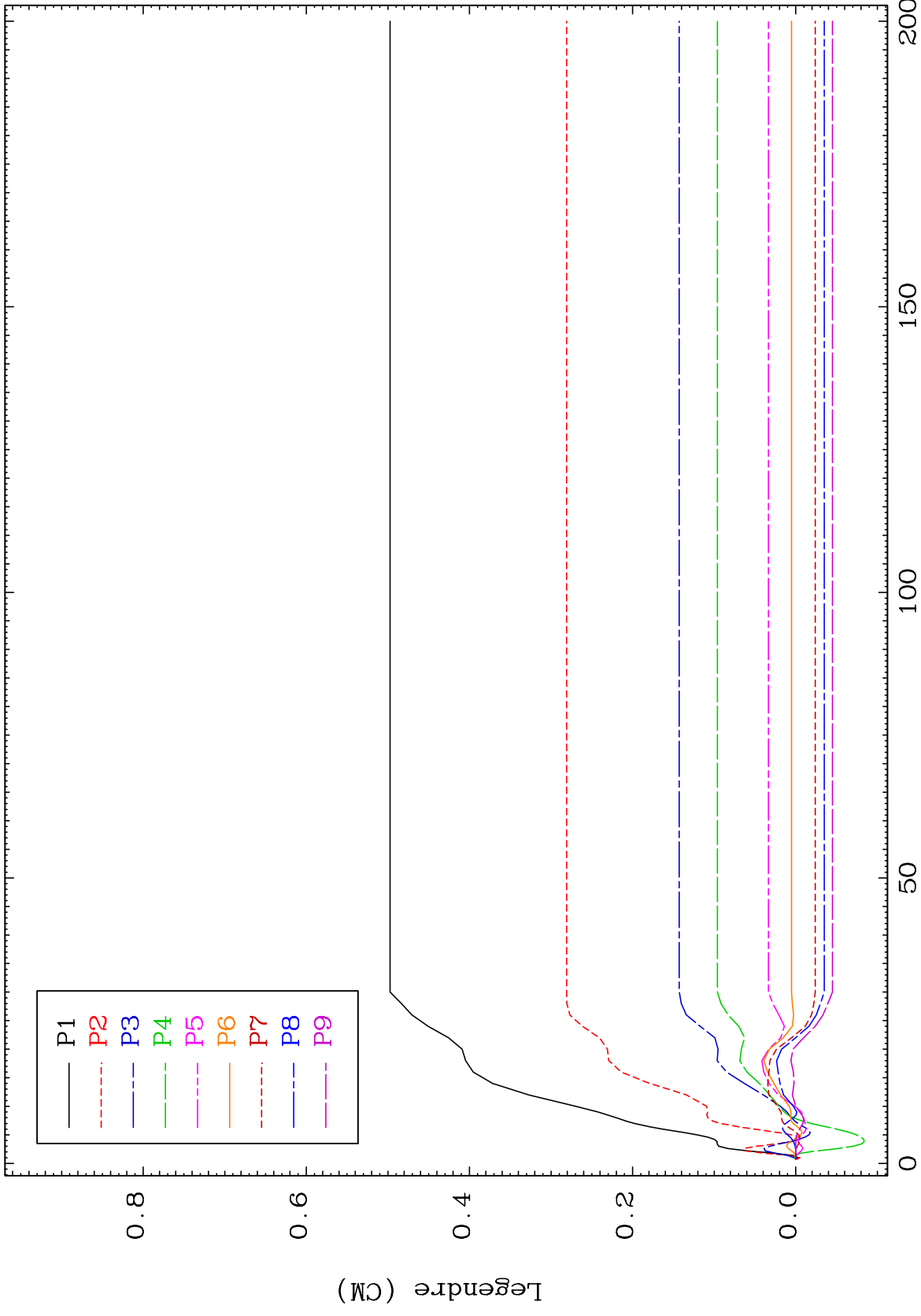
56-Ba-133



MAT 5634

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

56-Ba-133



43

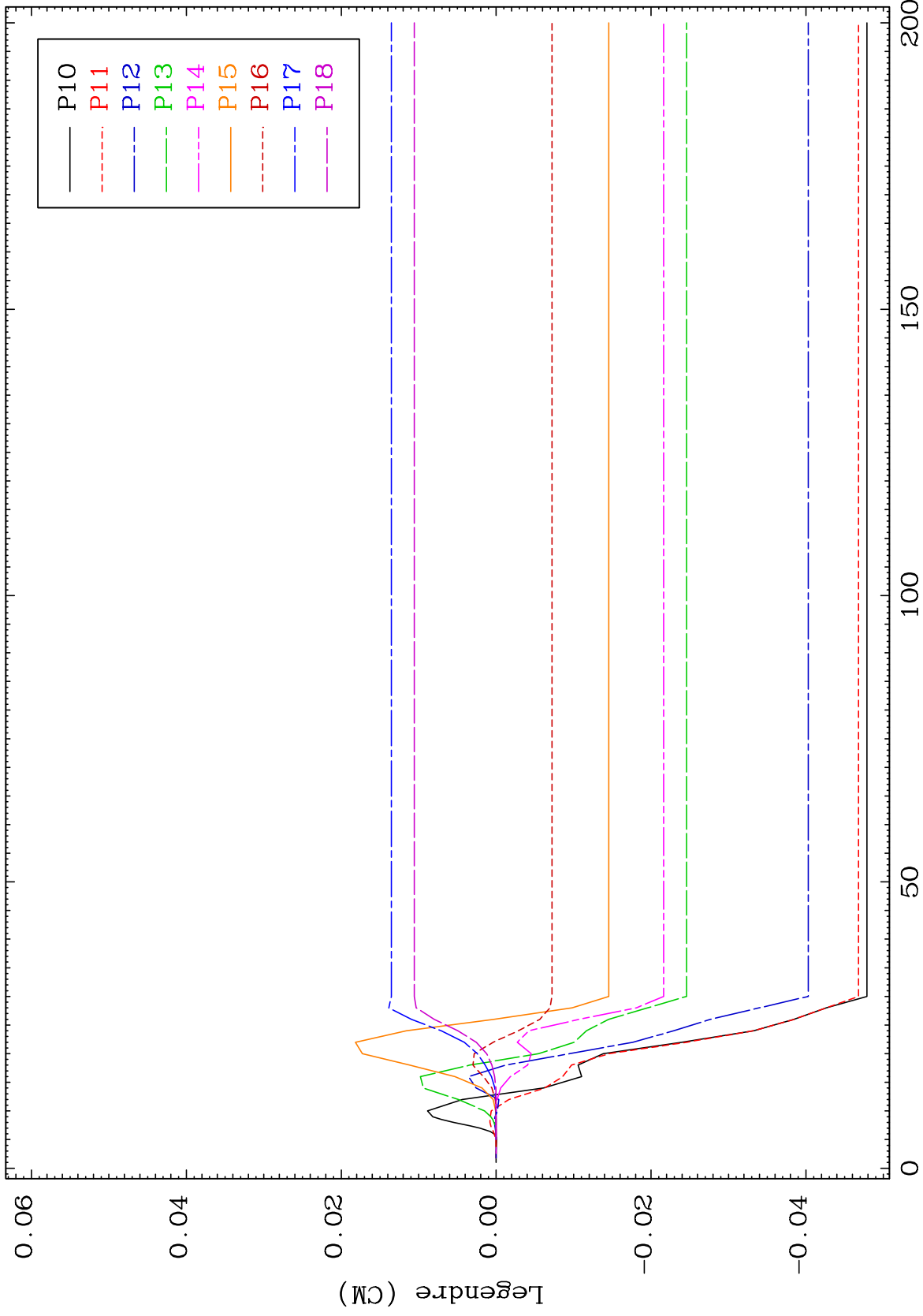
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



44

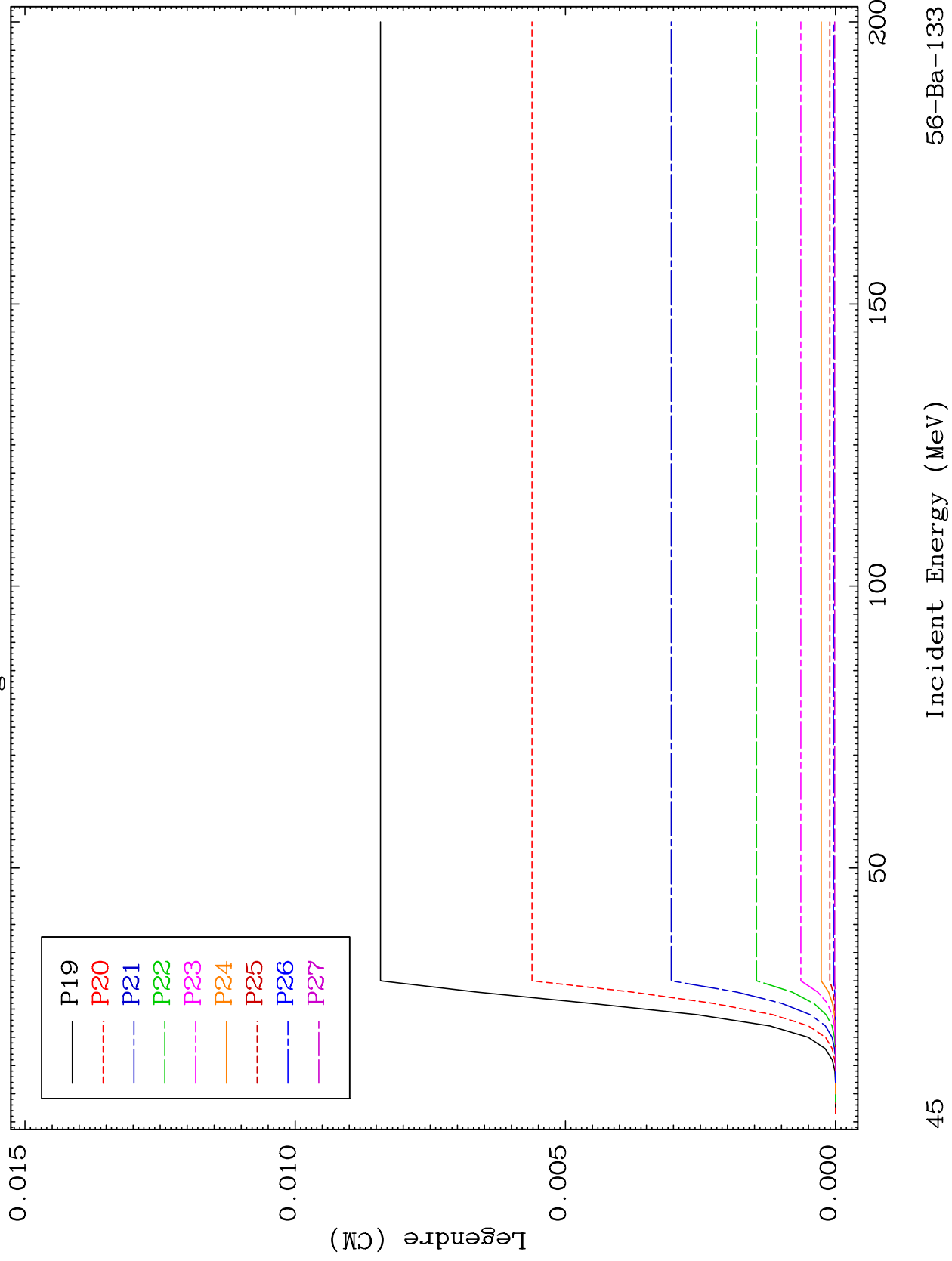
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



56-Ba-133

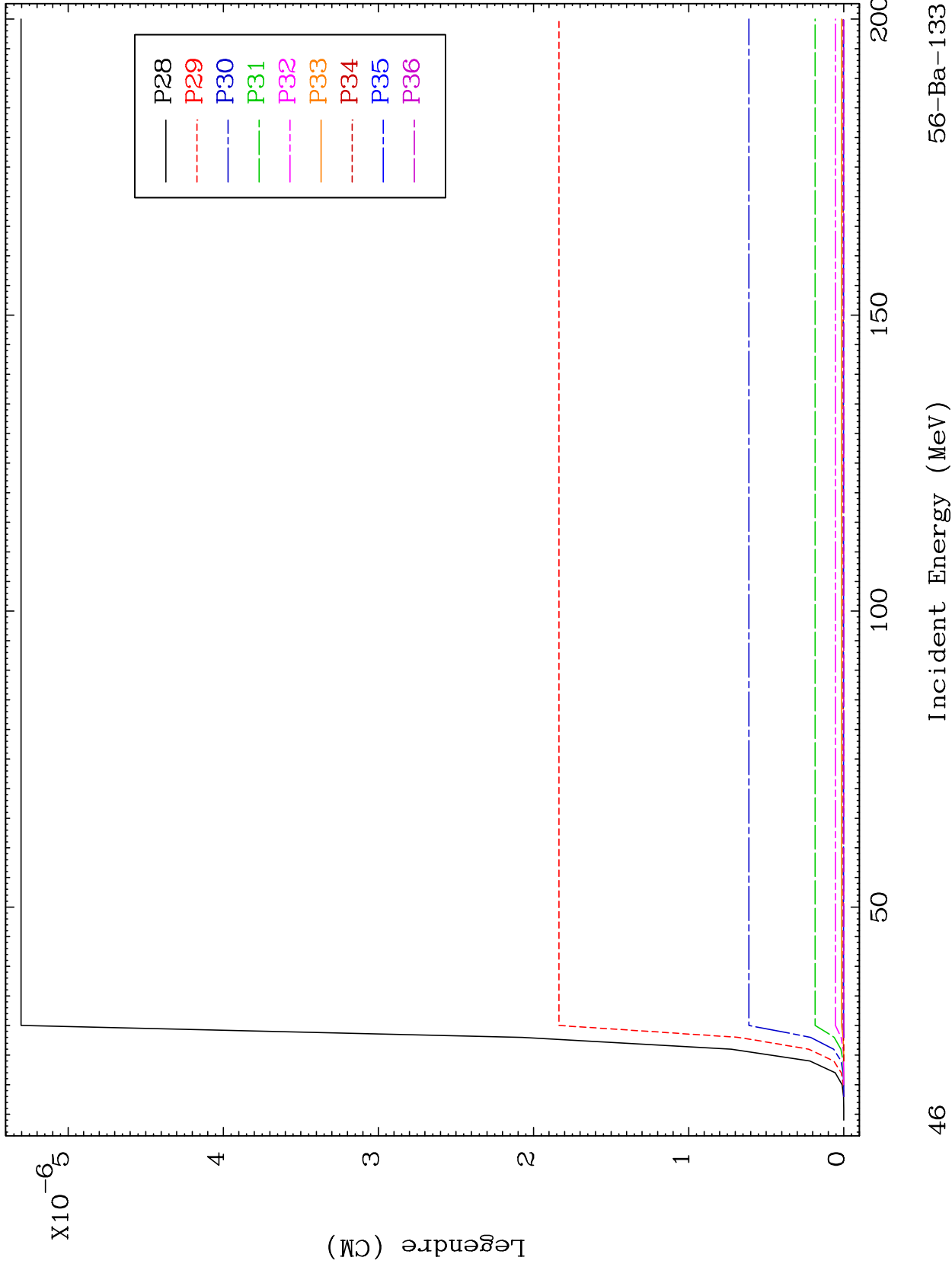
Incident Energy (MeV)

45

MAT 5634

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

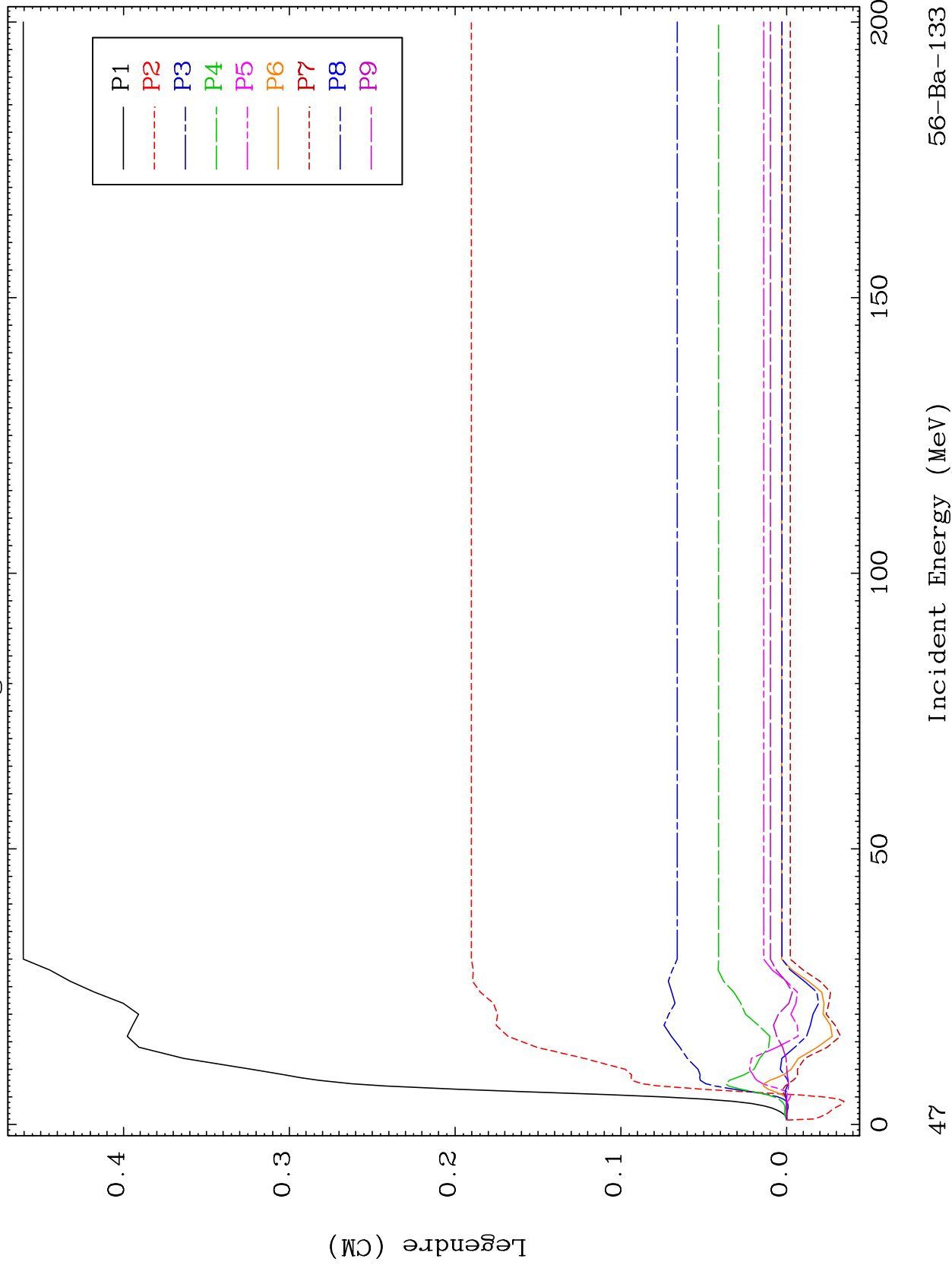
56-Ba-133



MAT 5634

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

56-Ba-133



56-Ba-133

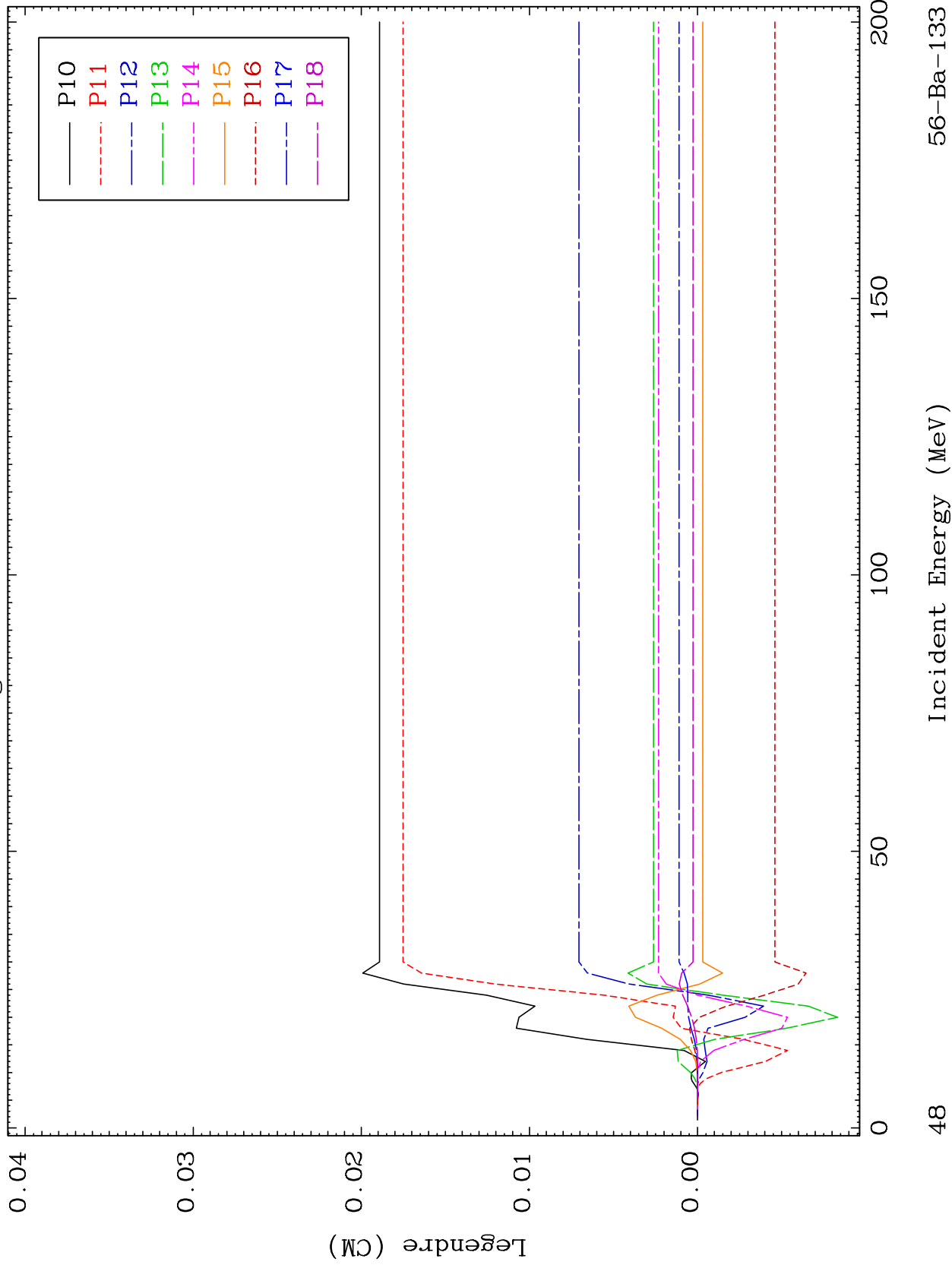
Incident Energy (MeV)

47

MAT 5634

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

56-Ba-133



56-Ba-133

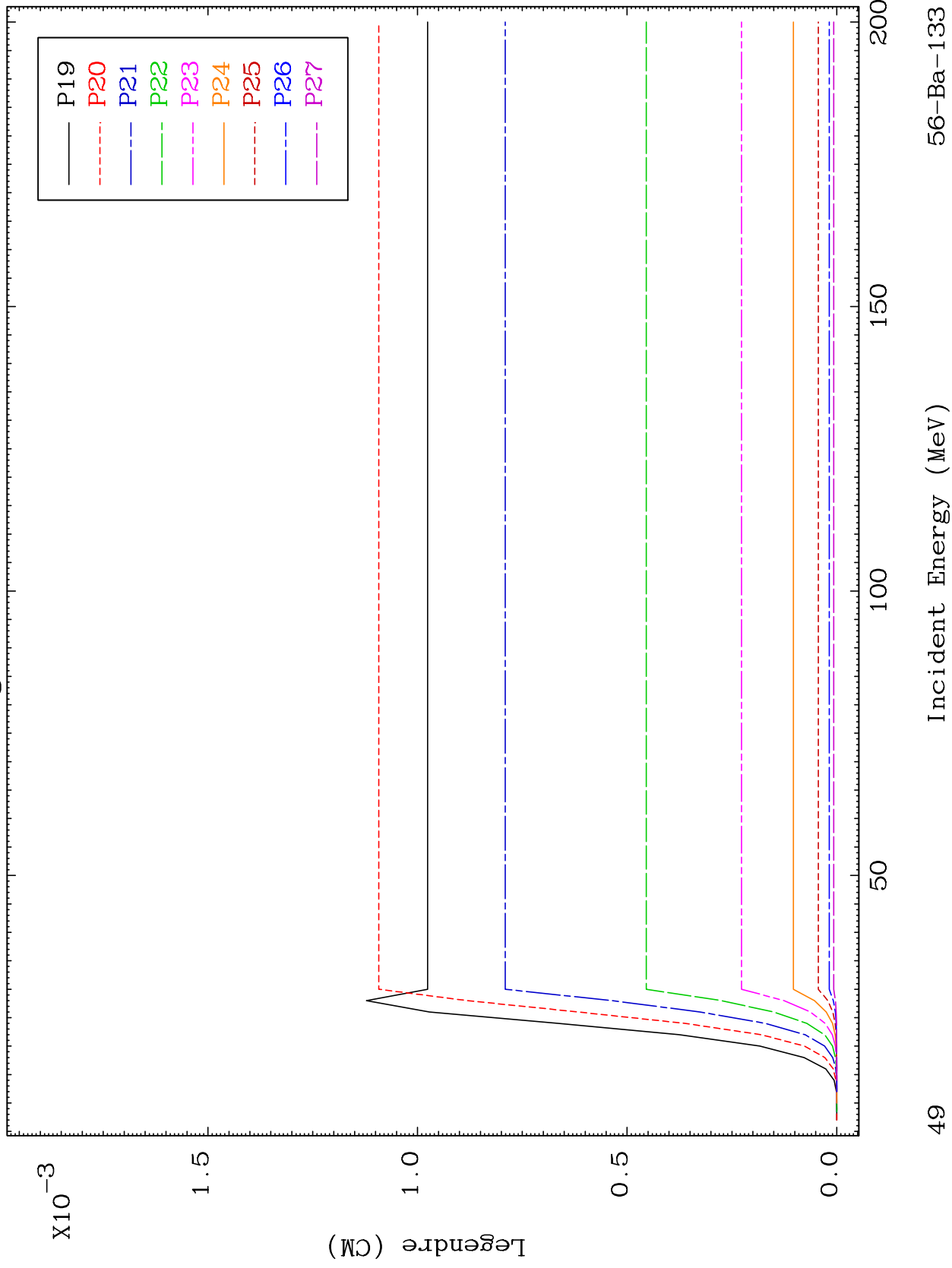
Incident Energy (MeV)

48

MAT 5634

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

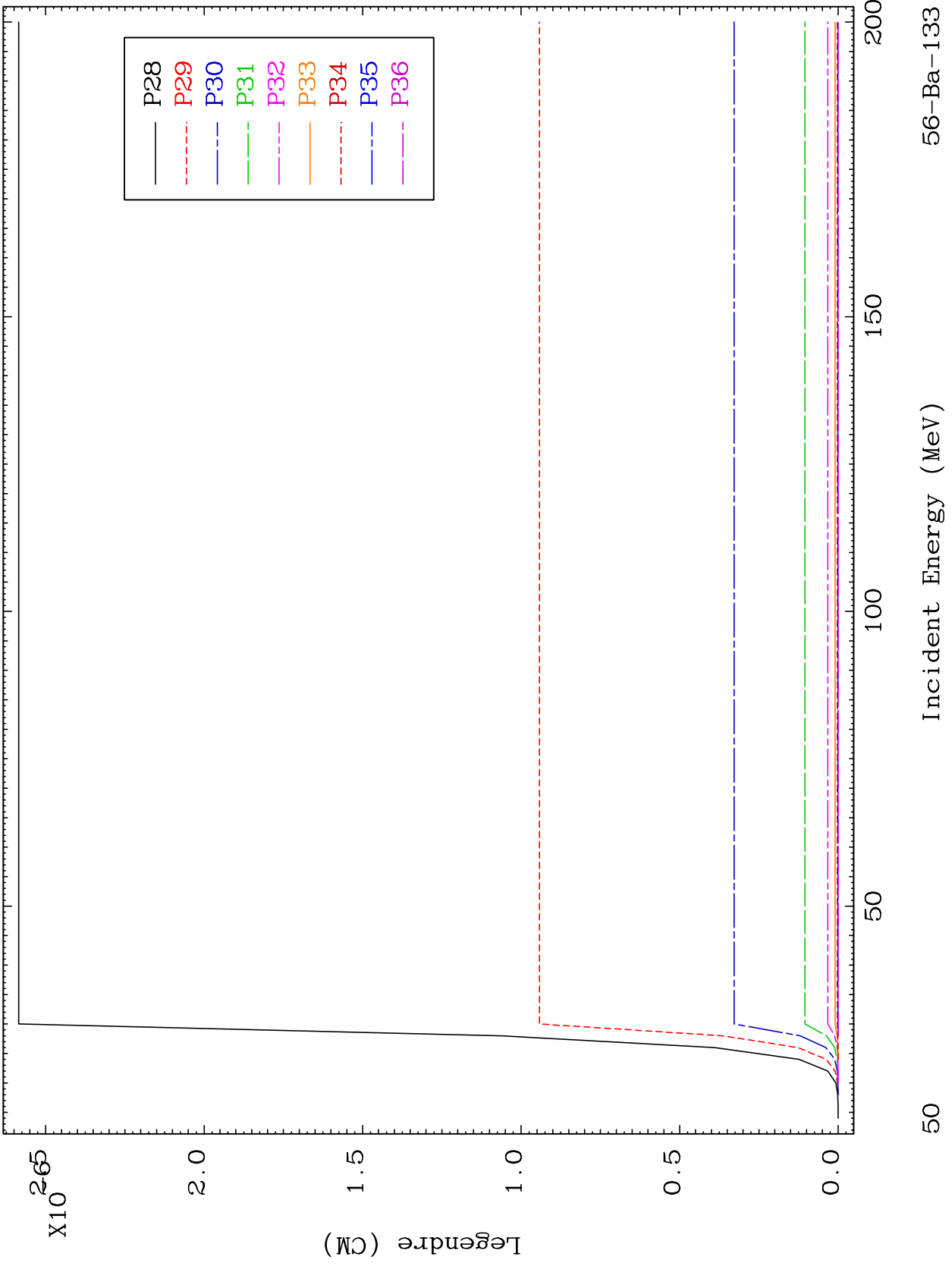
56-Ba-133



MAT 5634

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

56-Ba-133



50

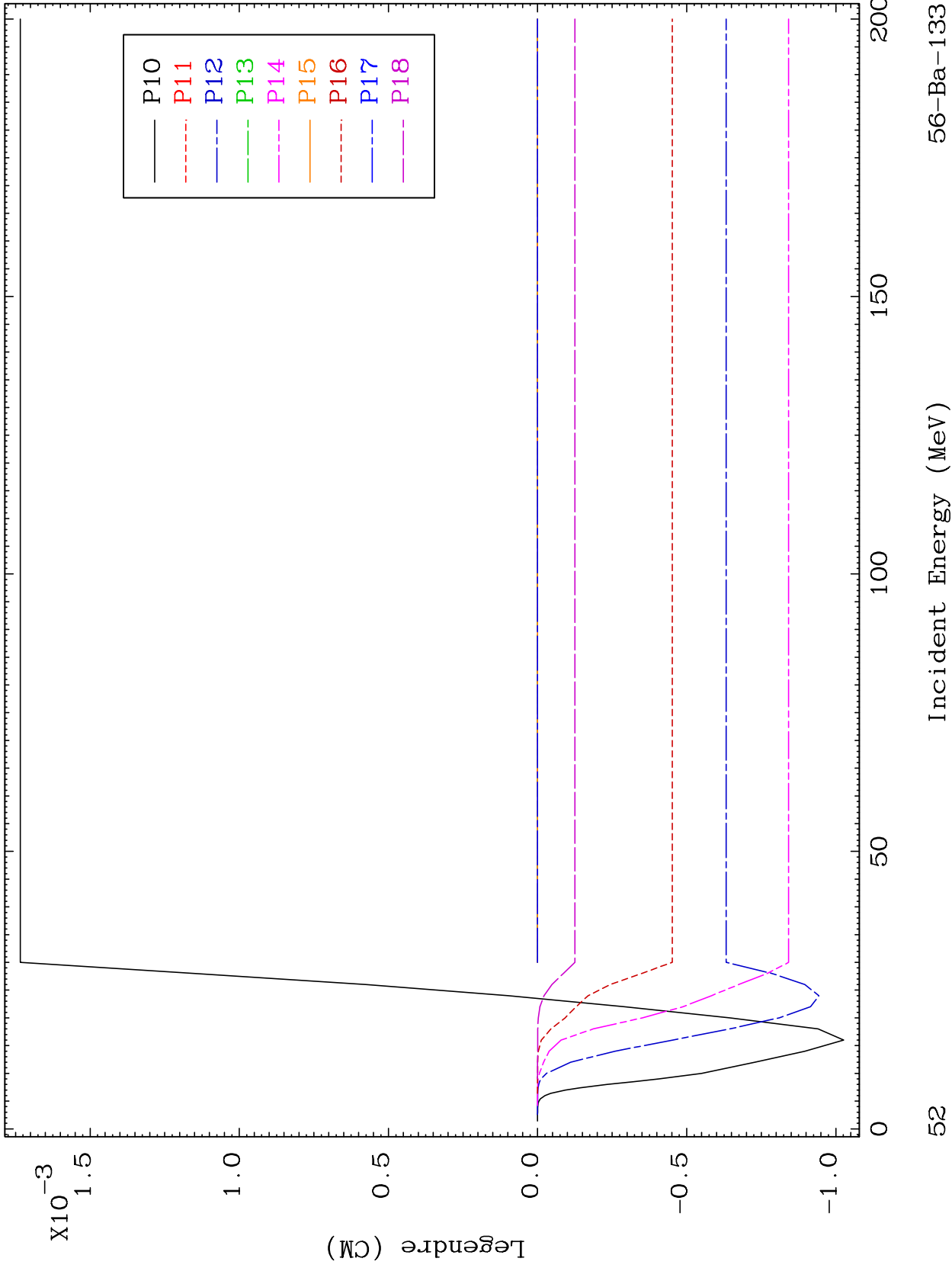
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



56-Ba-133

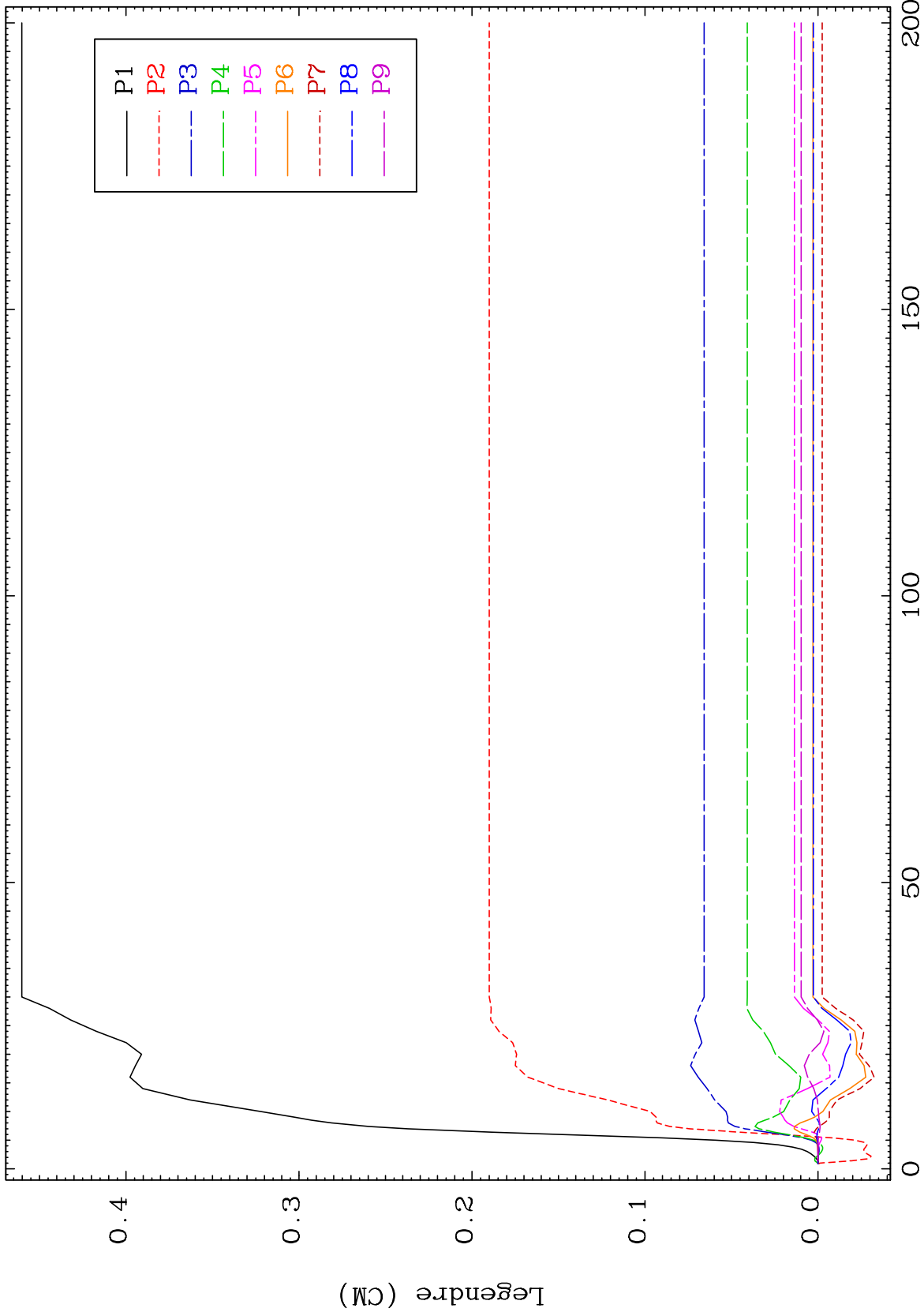
Incident Energy (MeV)

52

MAT 5634

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

56-Ba-133



54

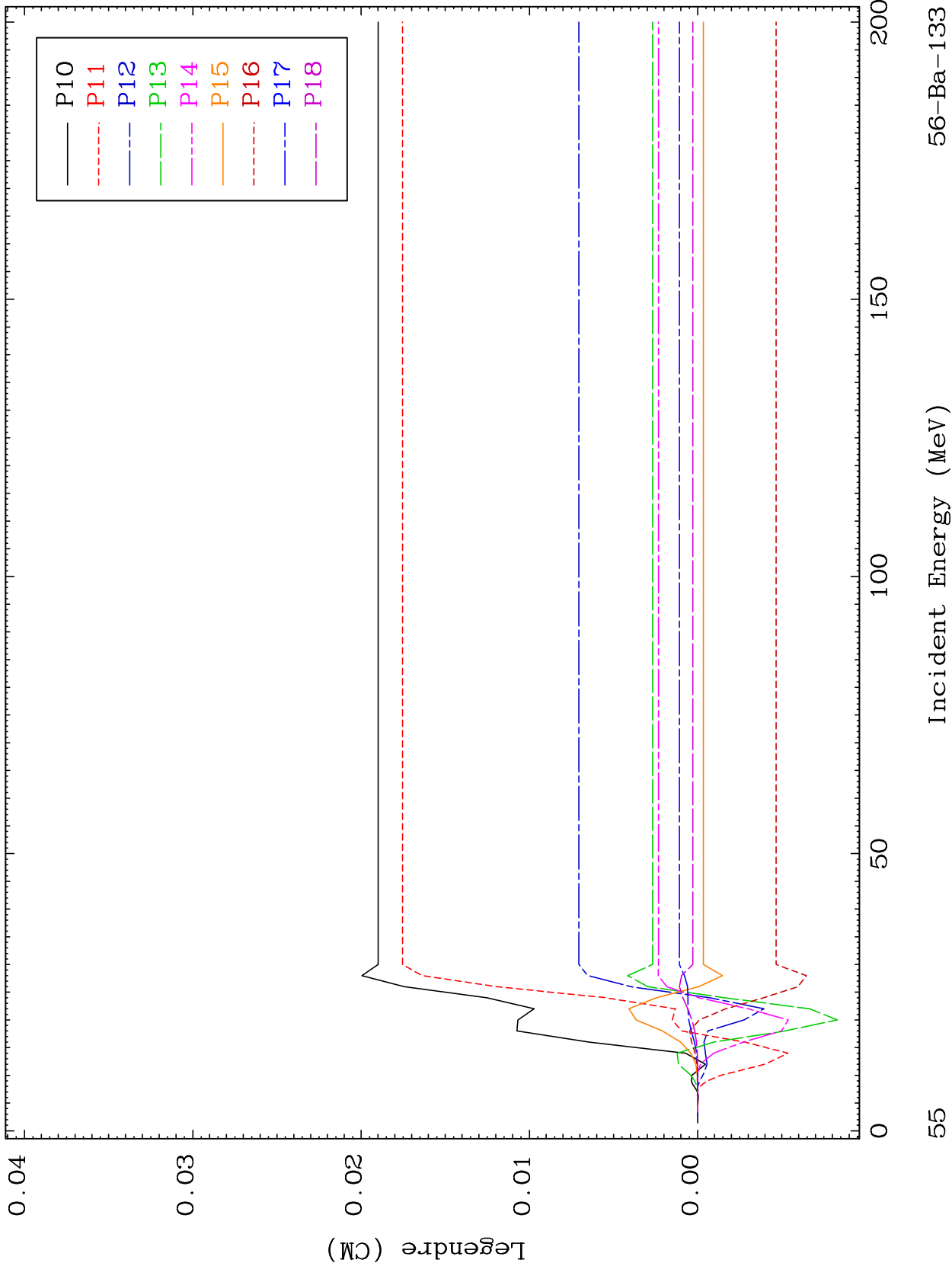
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



56-Ba-133

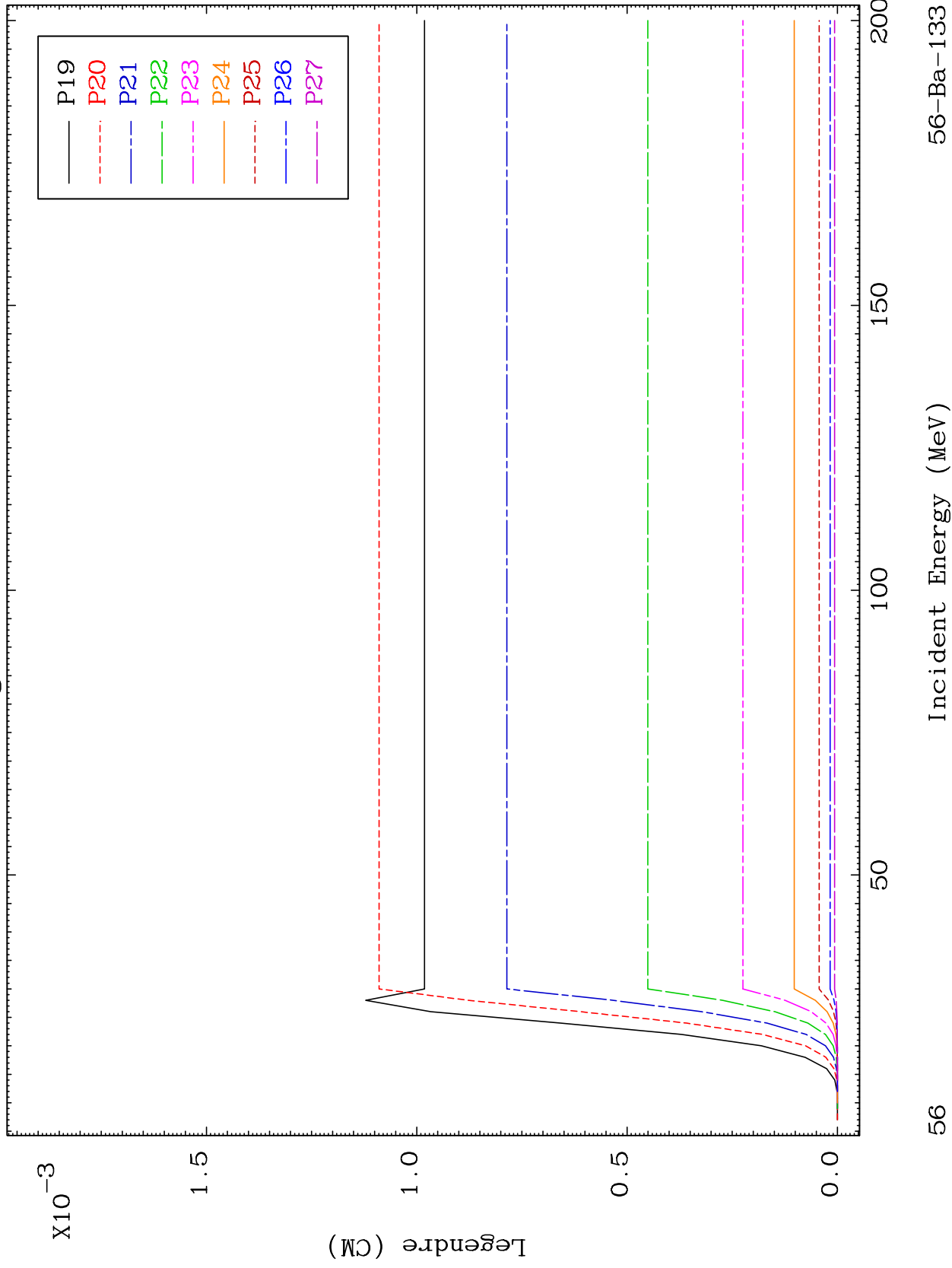
Incident Energy (MeV)

55

MAT 5634

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

56-Ba-133



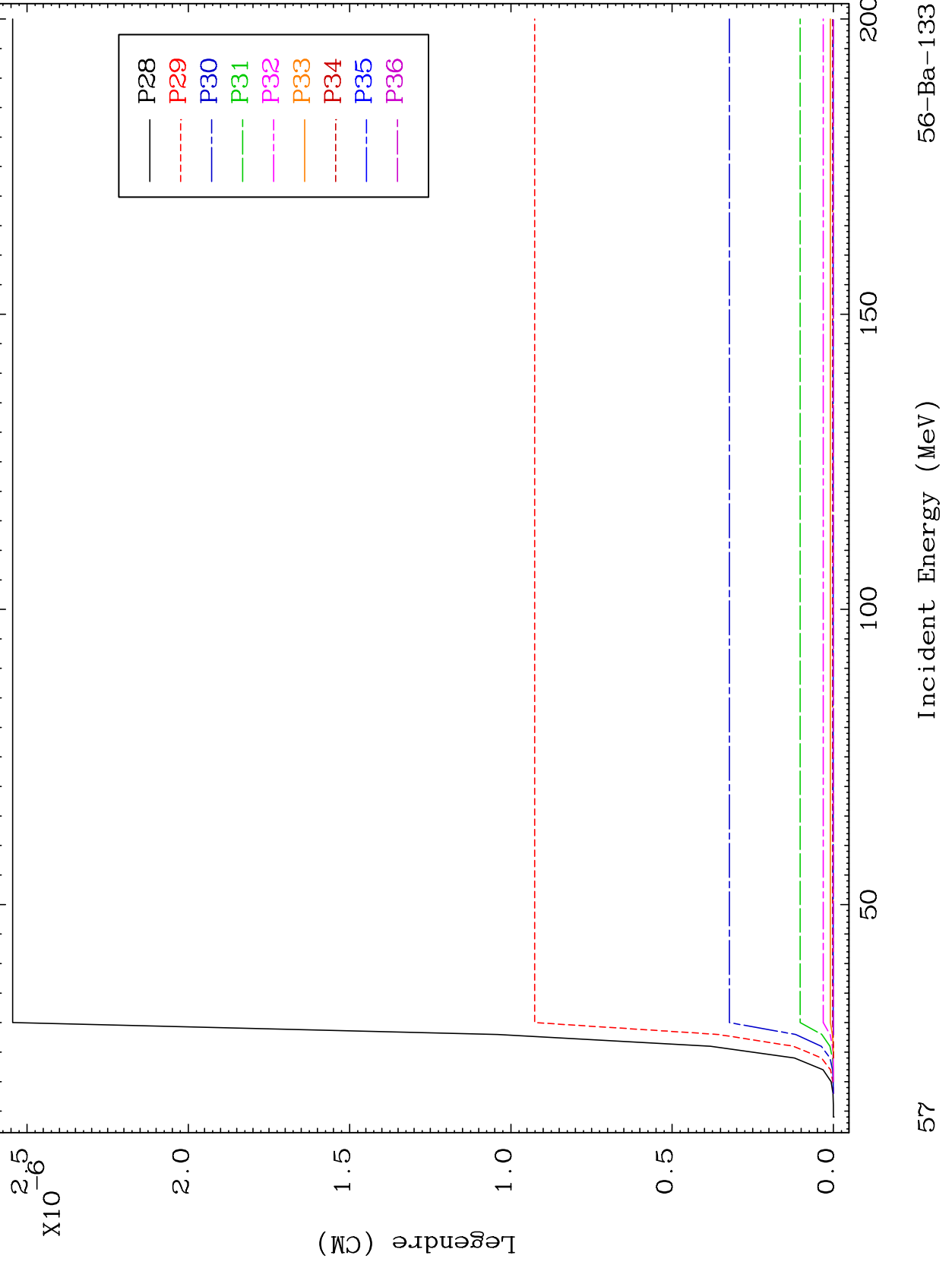
56

56-Ba-133

MAT 5634

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

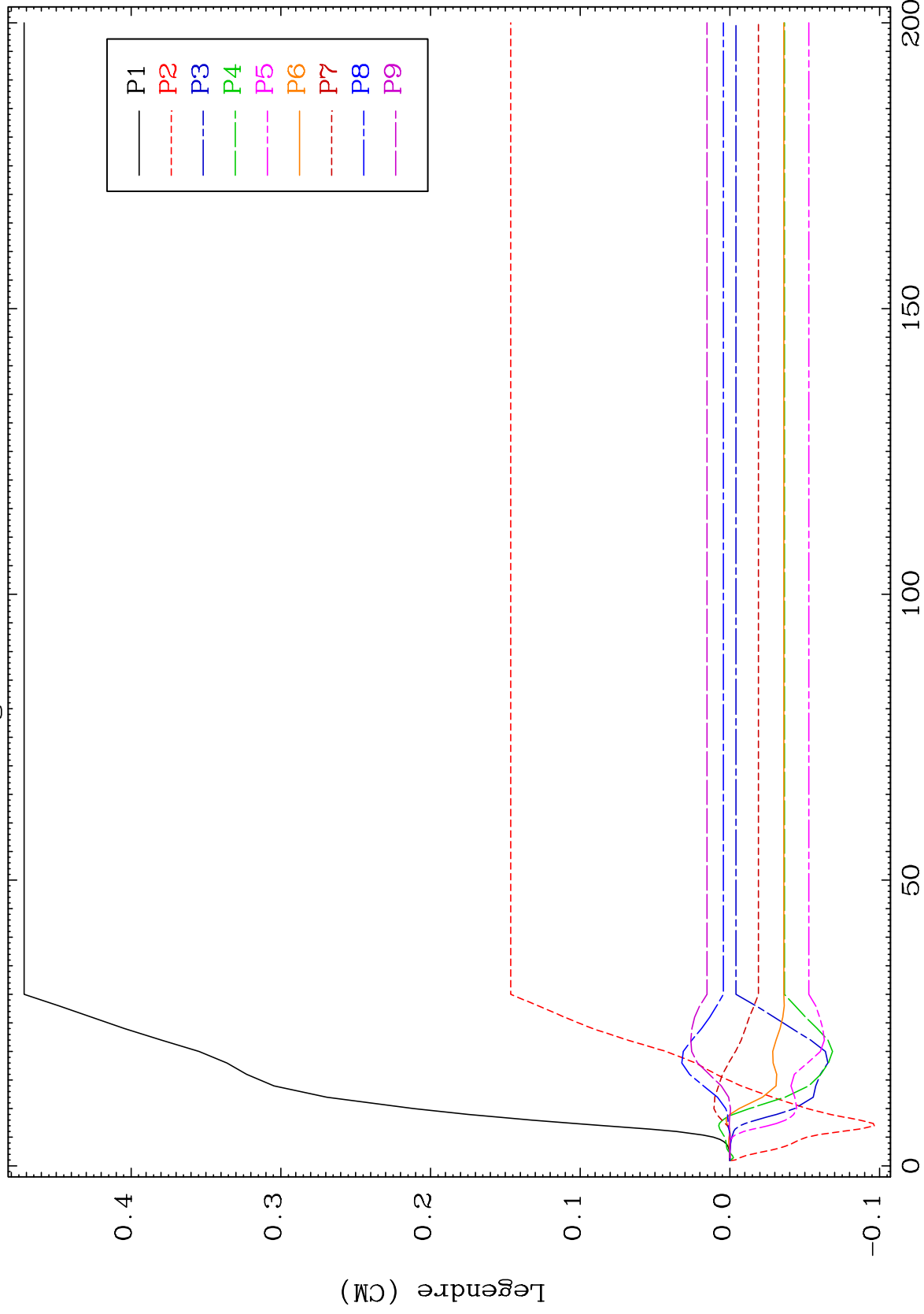
56-Ba-133



MAT 5634

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

56-Ba-133



58

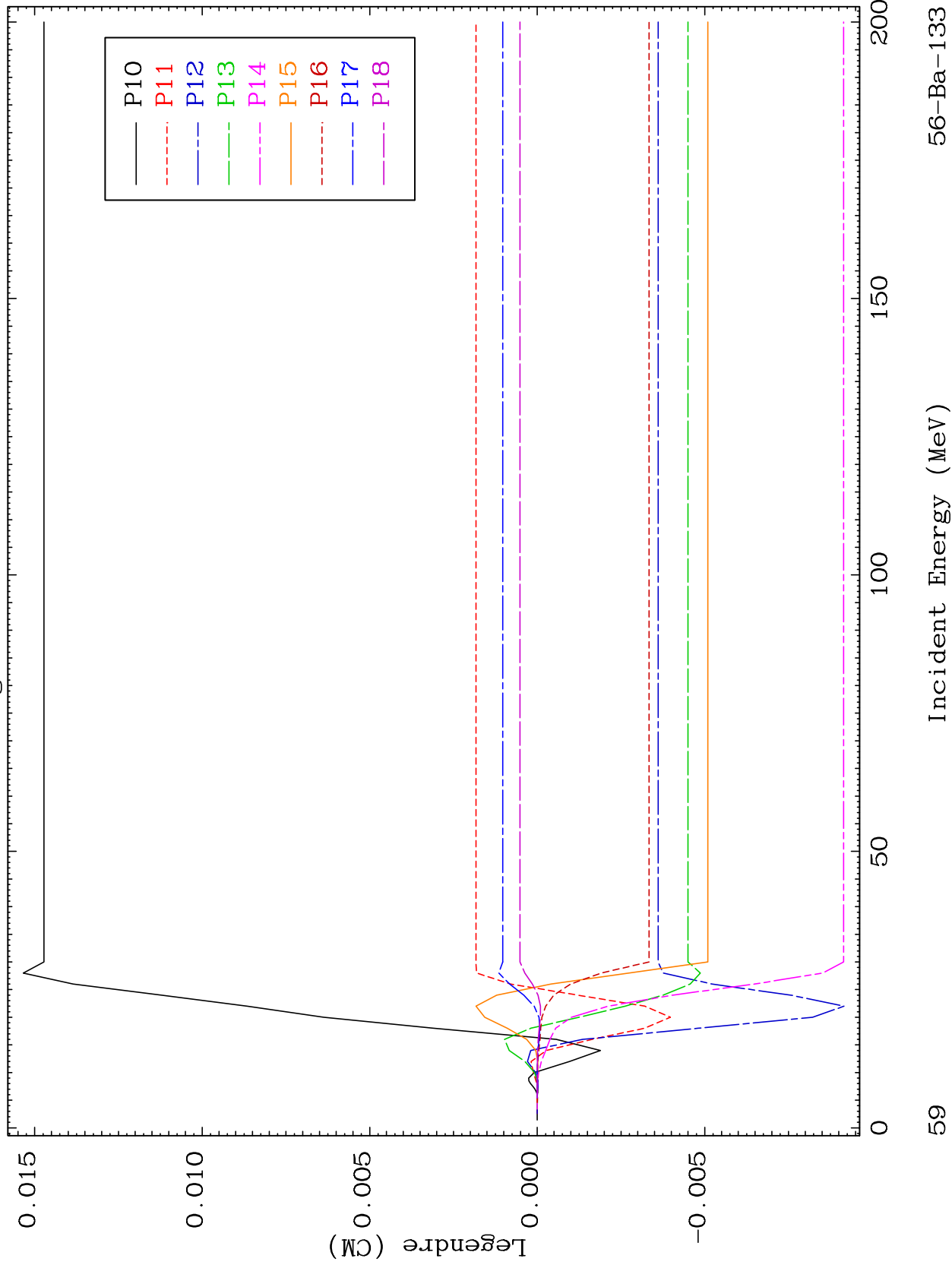
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



56-Ba-133

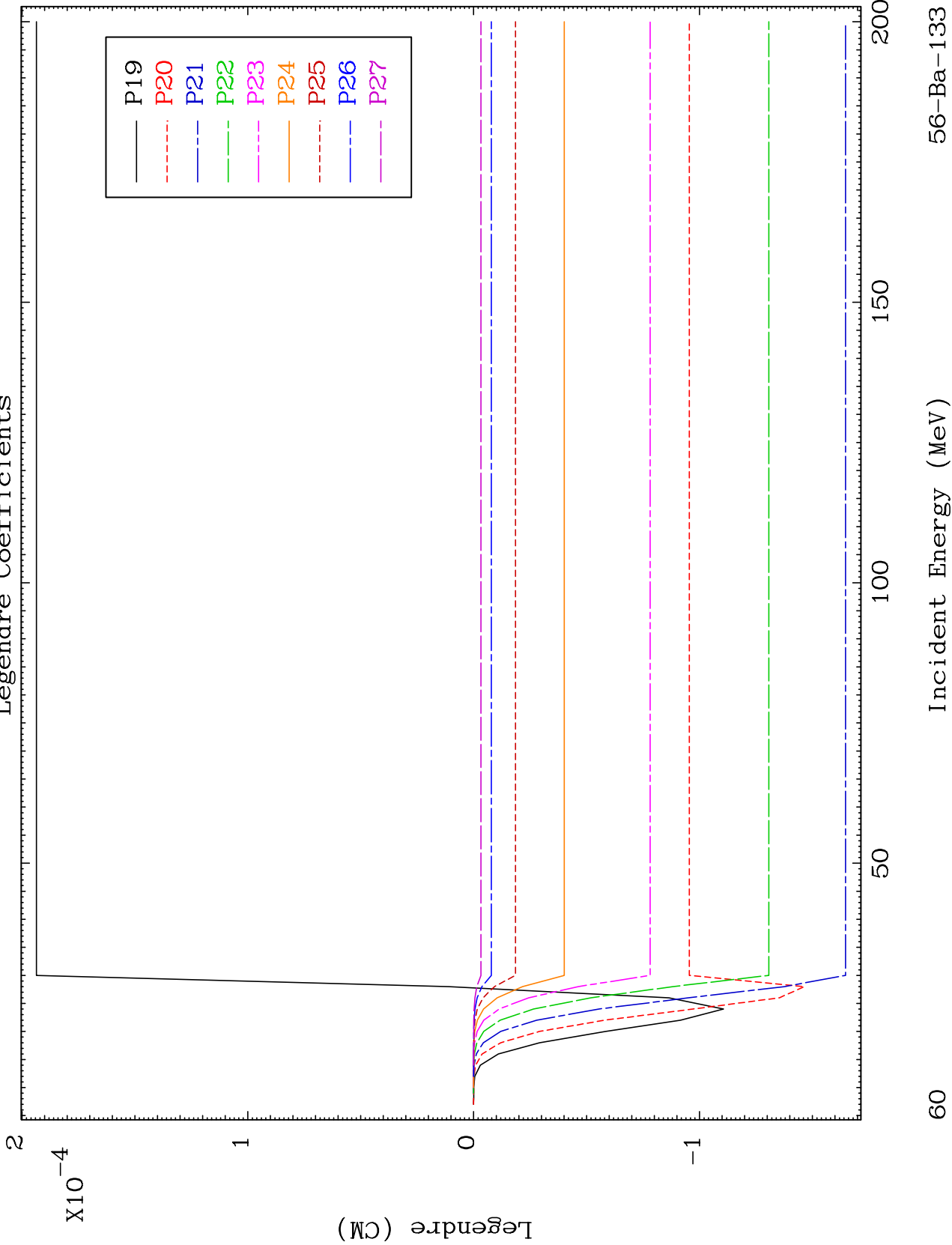
Incident Energy (MeV)

59

MAT 5634

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

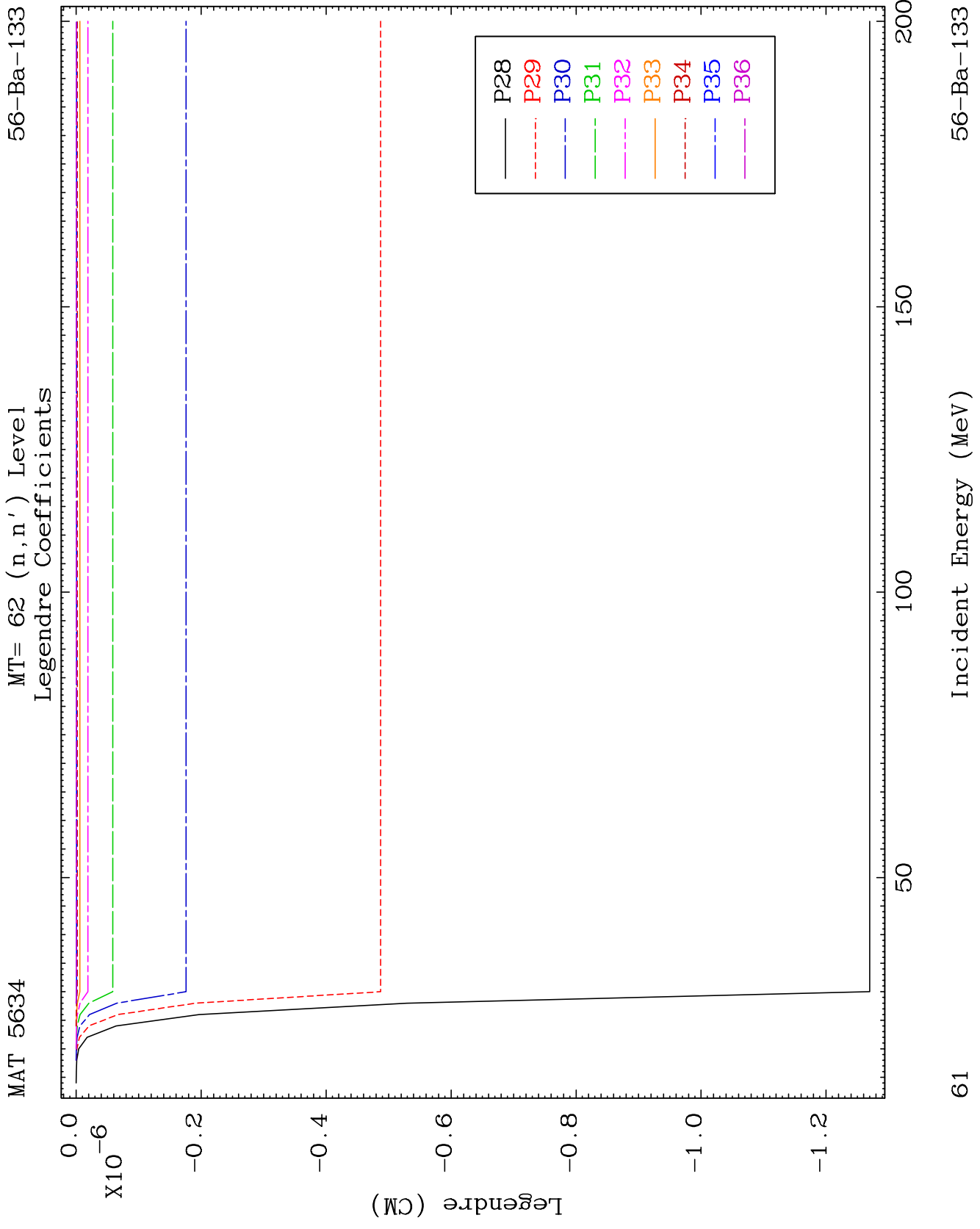
56-Ba-133



60

Incident Energy (MeV)

56-Ba-133

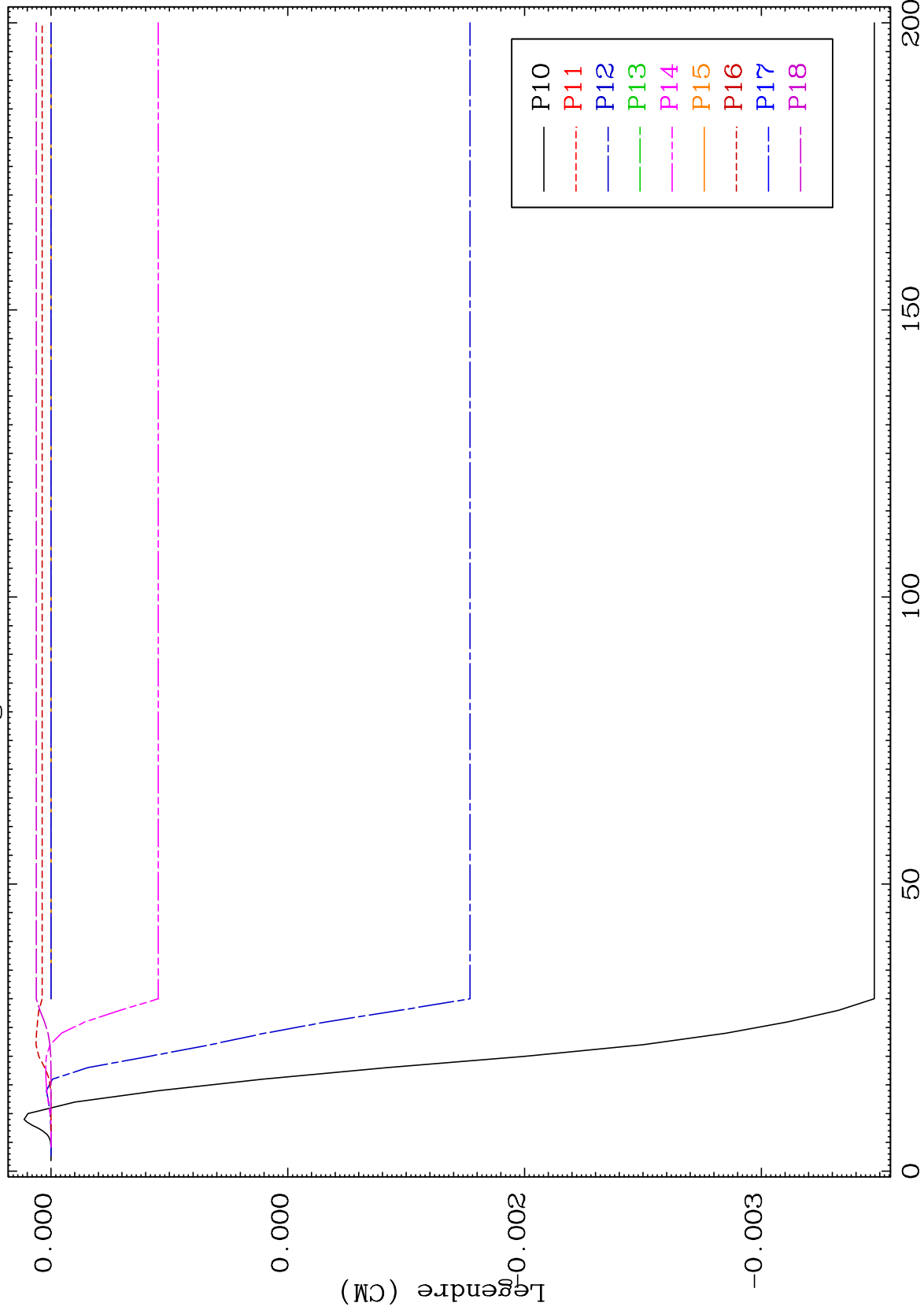


MAT 5634

MT= 63 (n,n') Level

56-Ba-133

Legendre Coefficients



63

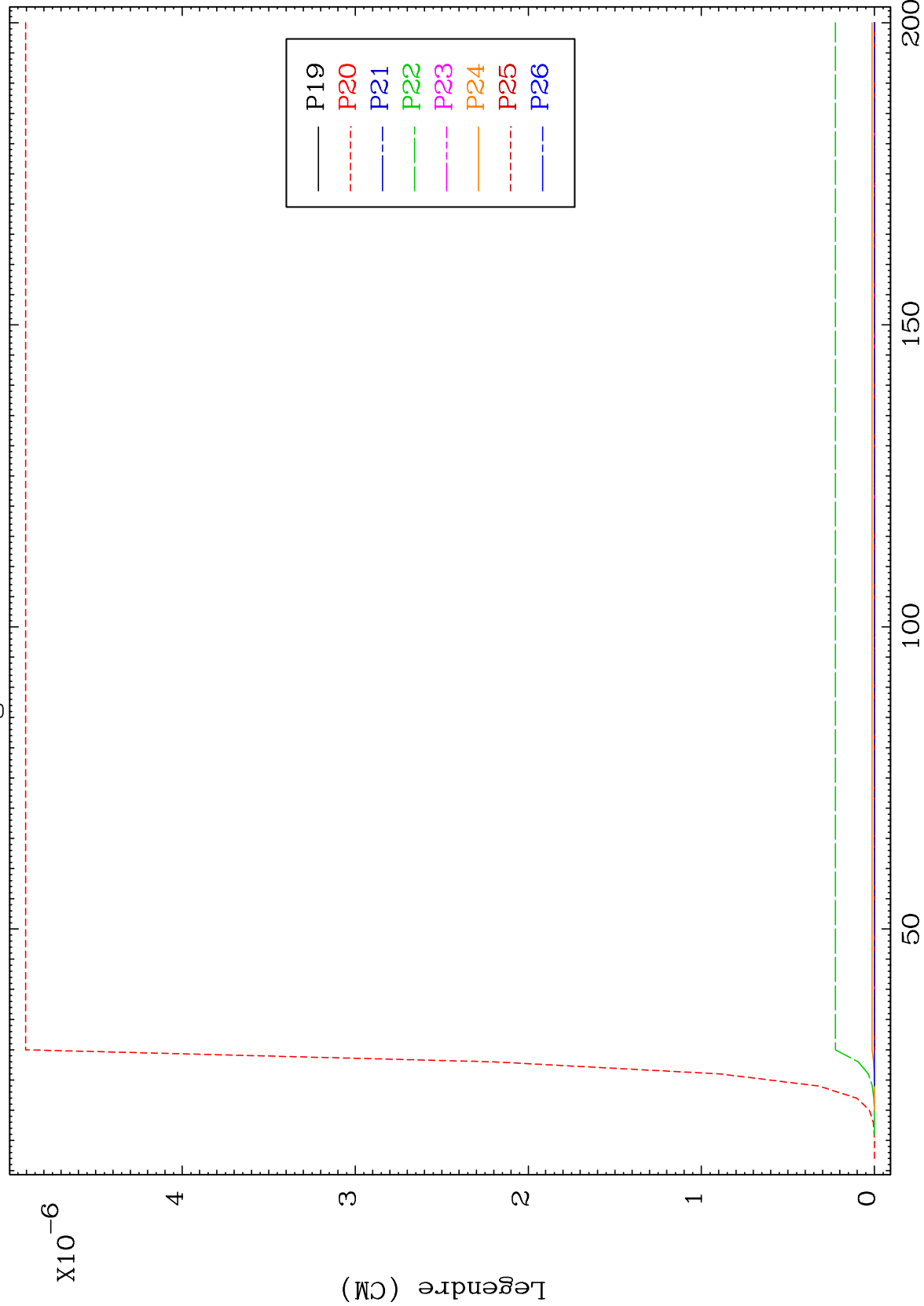
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



56-Ba-133

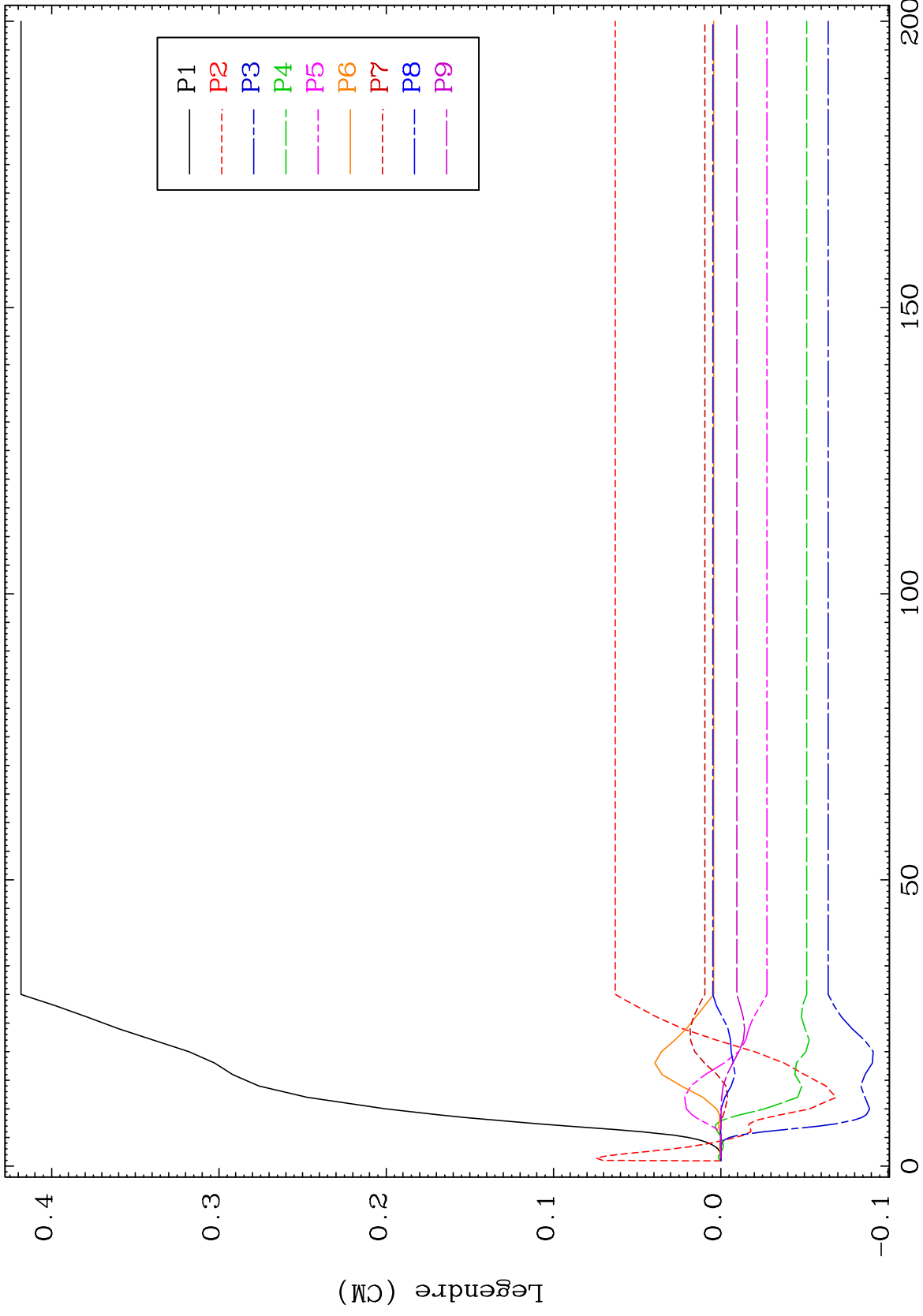
Incident Energy (MeV)

64

MAT 5634

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

56-Ba-133



65

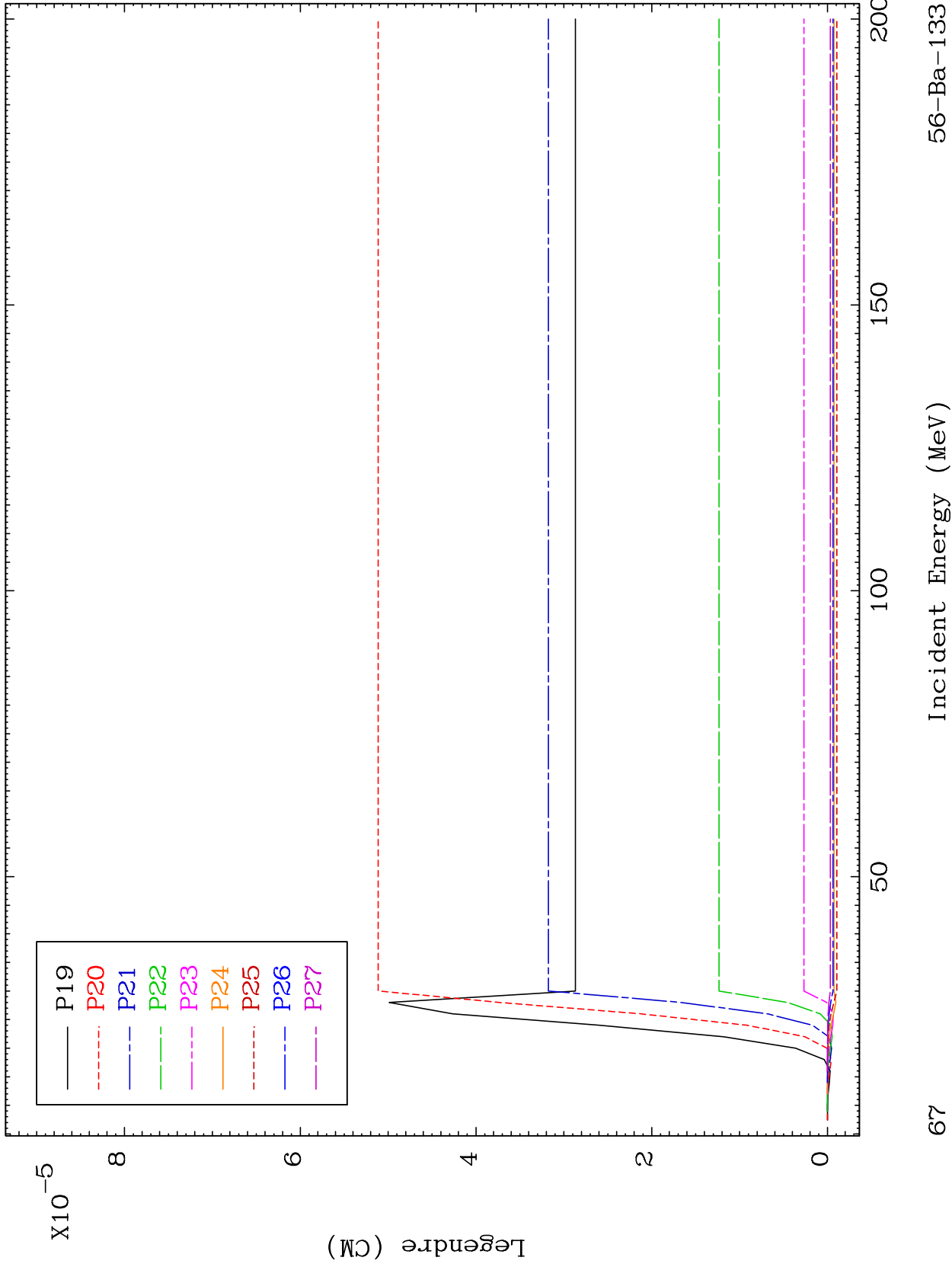
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



67

Incident Energy (MeV)

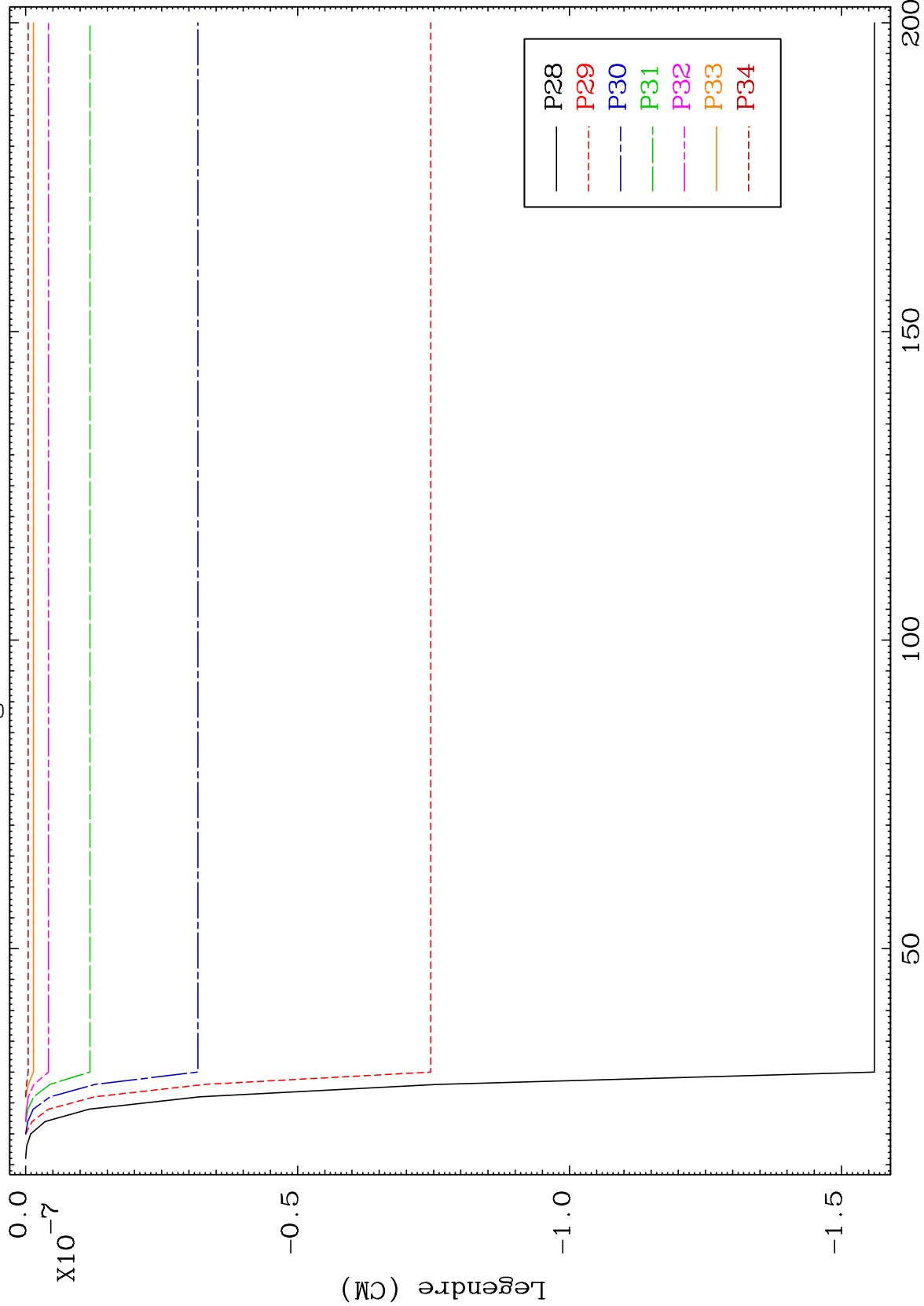
56-Ba-133

MAT 5634

MT= 64 (n,n') Level

56-Ba-133

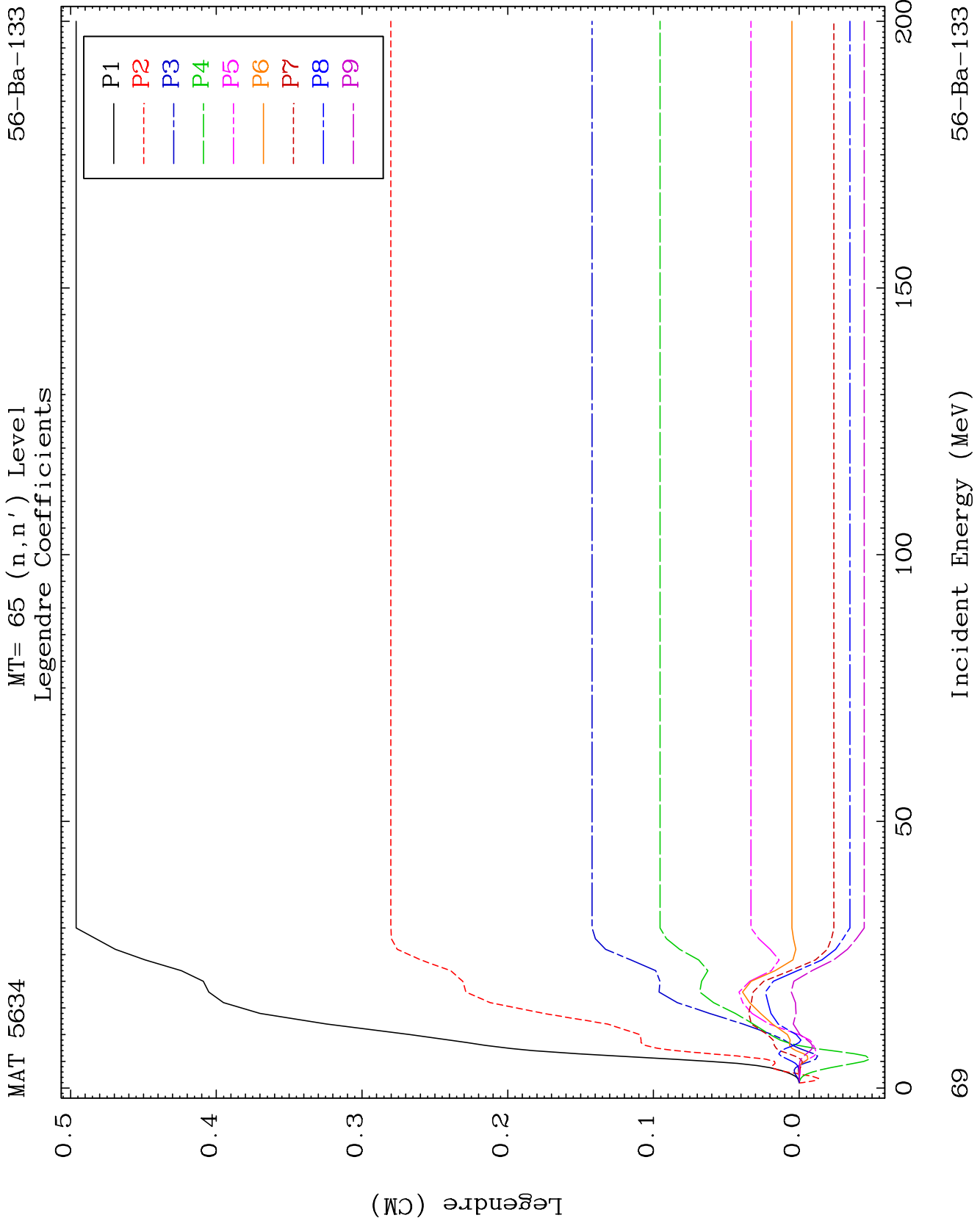
Legendre Coefficients



56-Ba-133

Incident Energy (MeV)

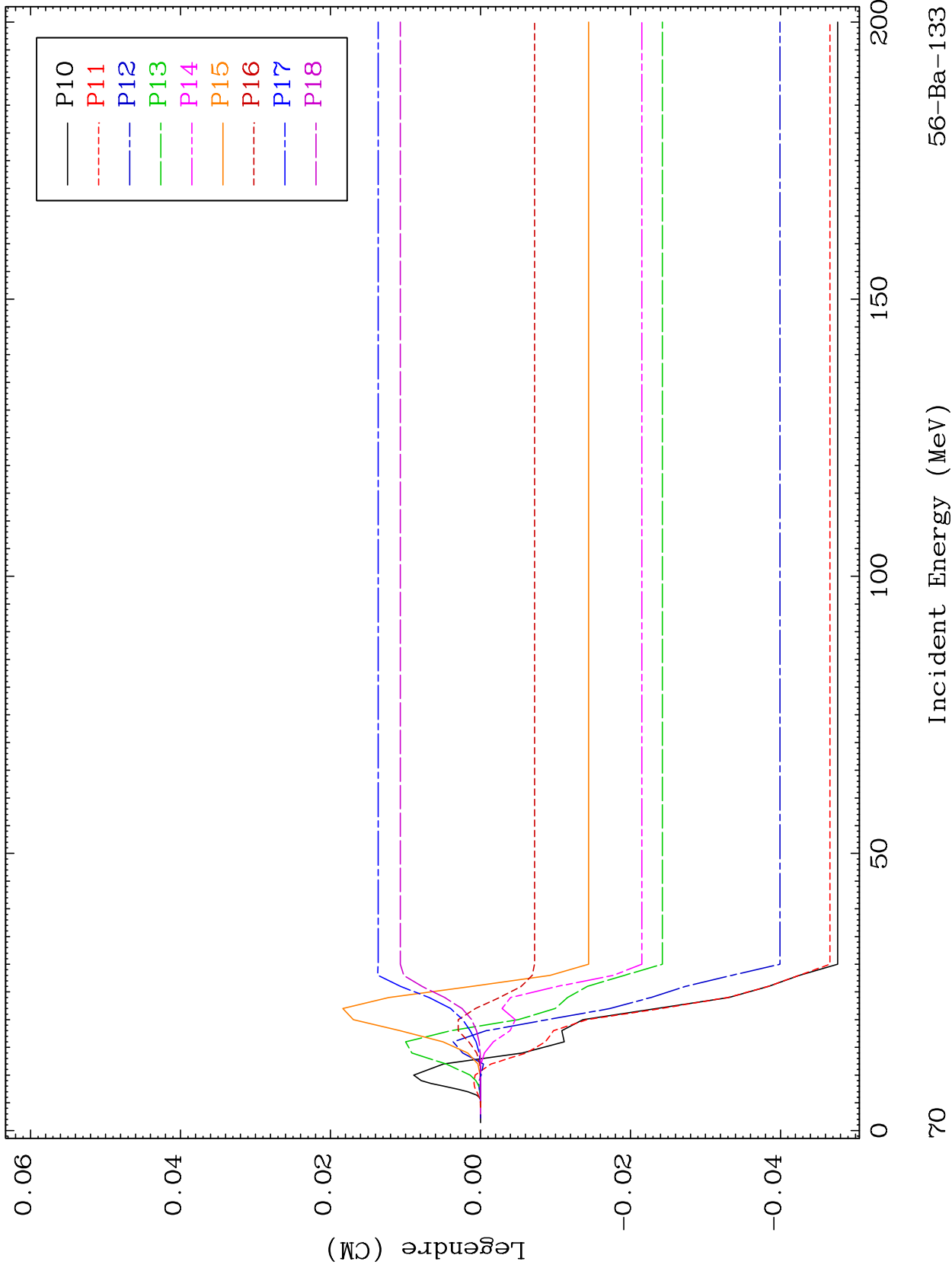
68



MAT 5634

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

56-Ba-133



56-Ba-133

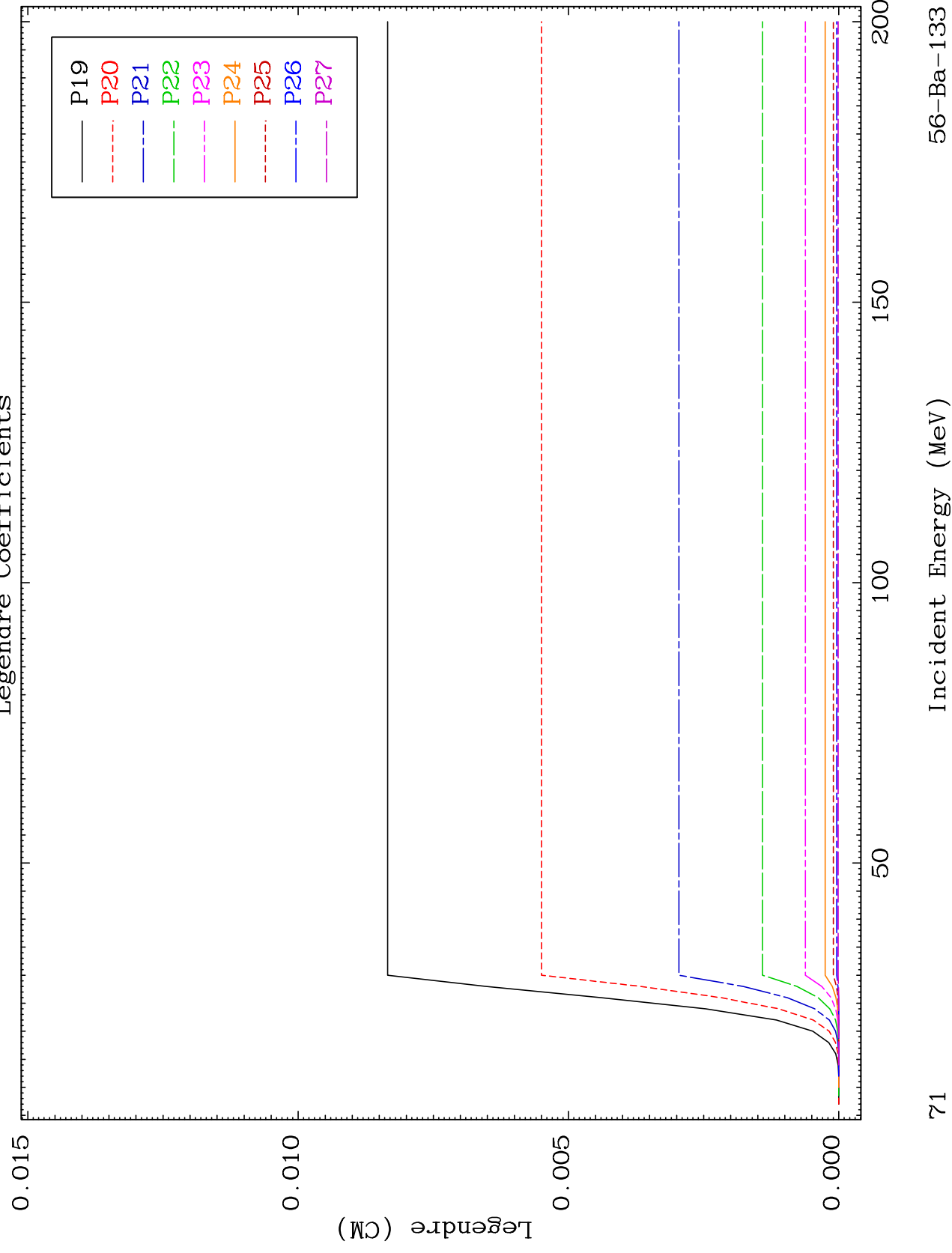
Incident Energy (MeV)

70

MAT 5634

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

56-Ba-133



71

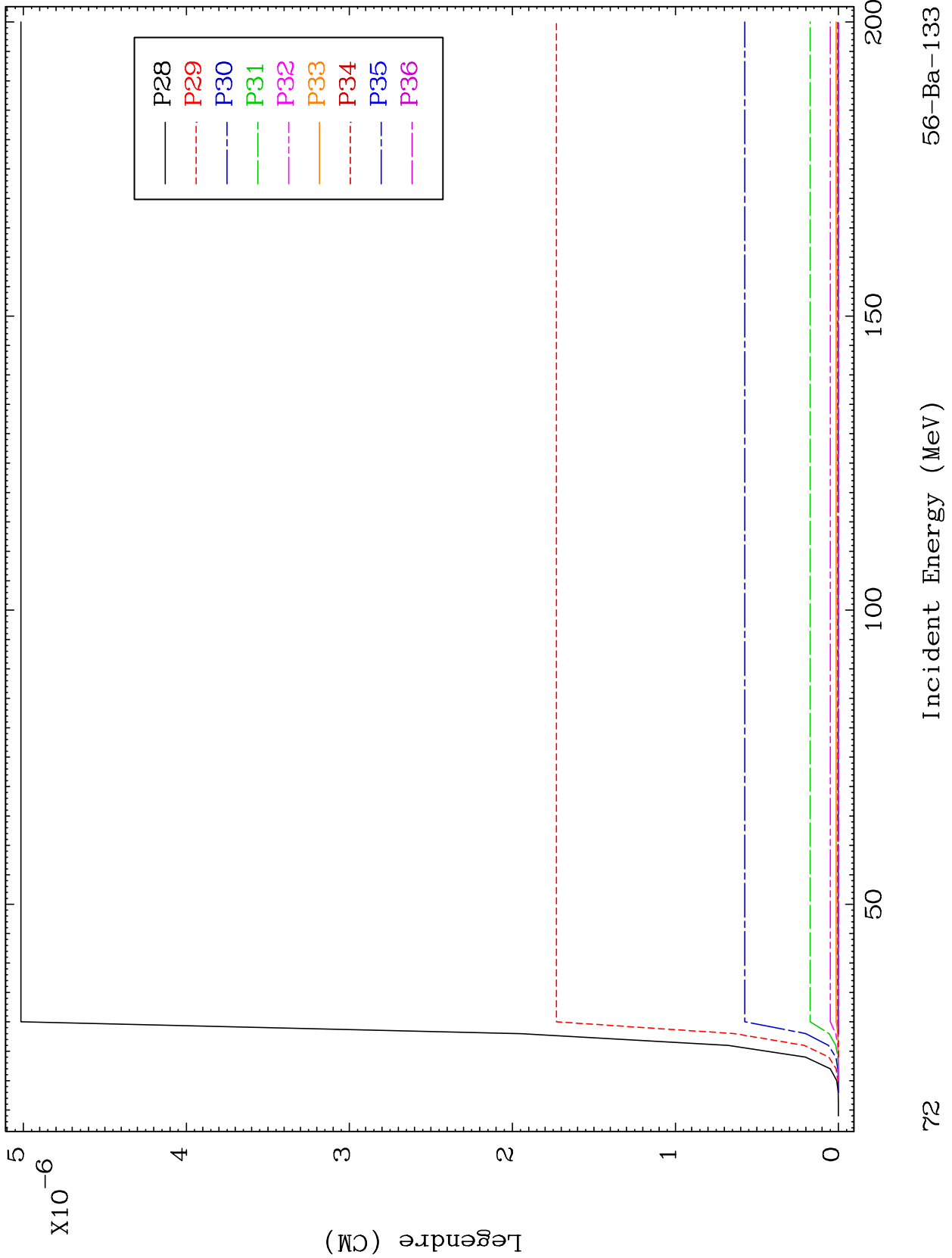
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



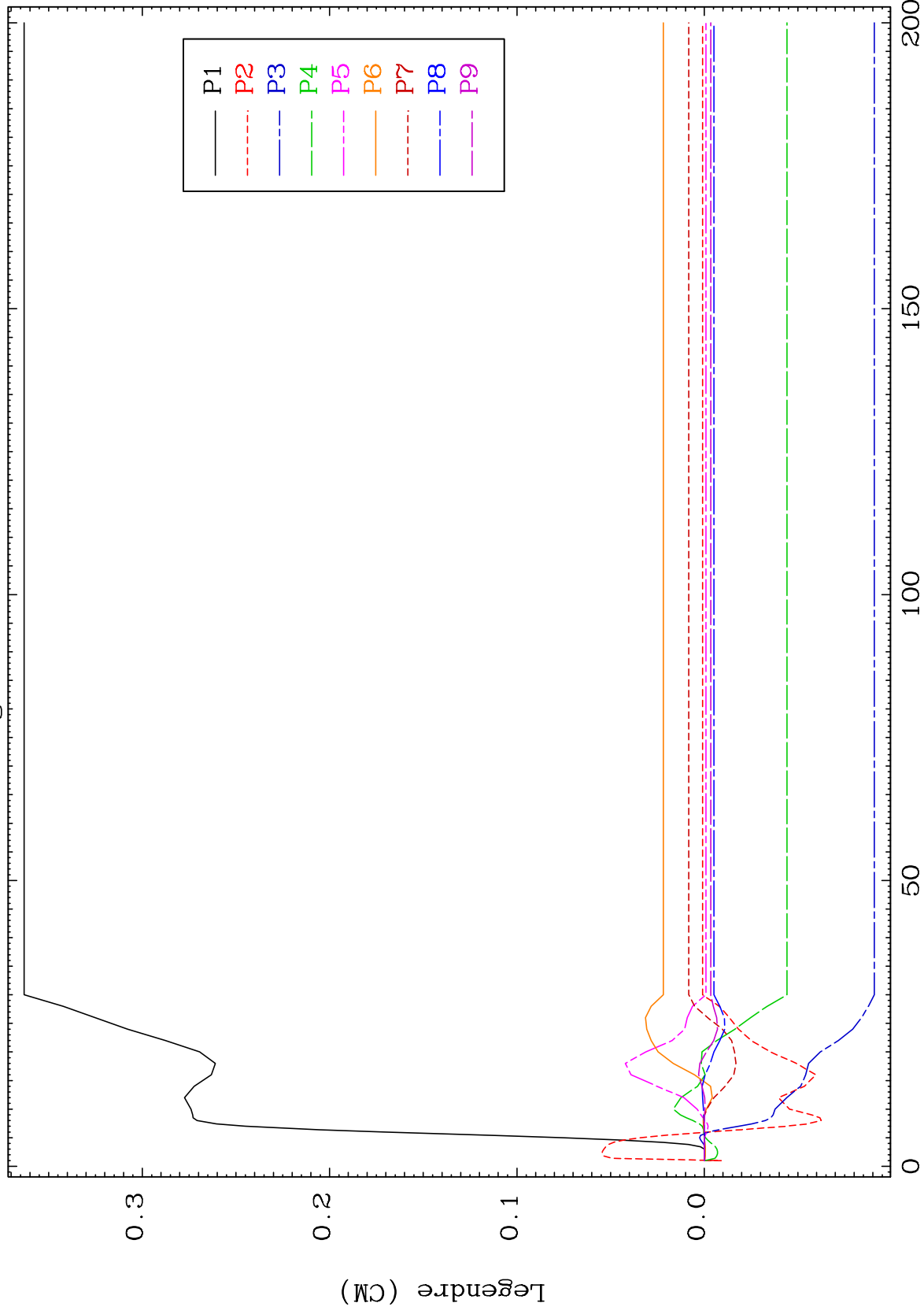
72

56-Ba-133

MAT 5634

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

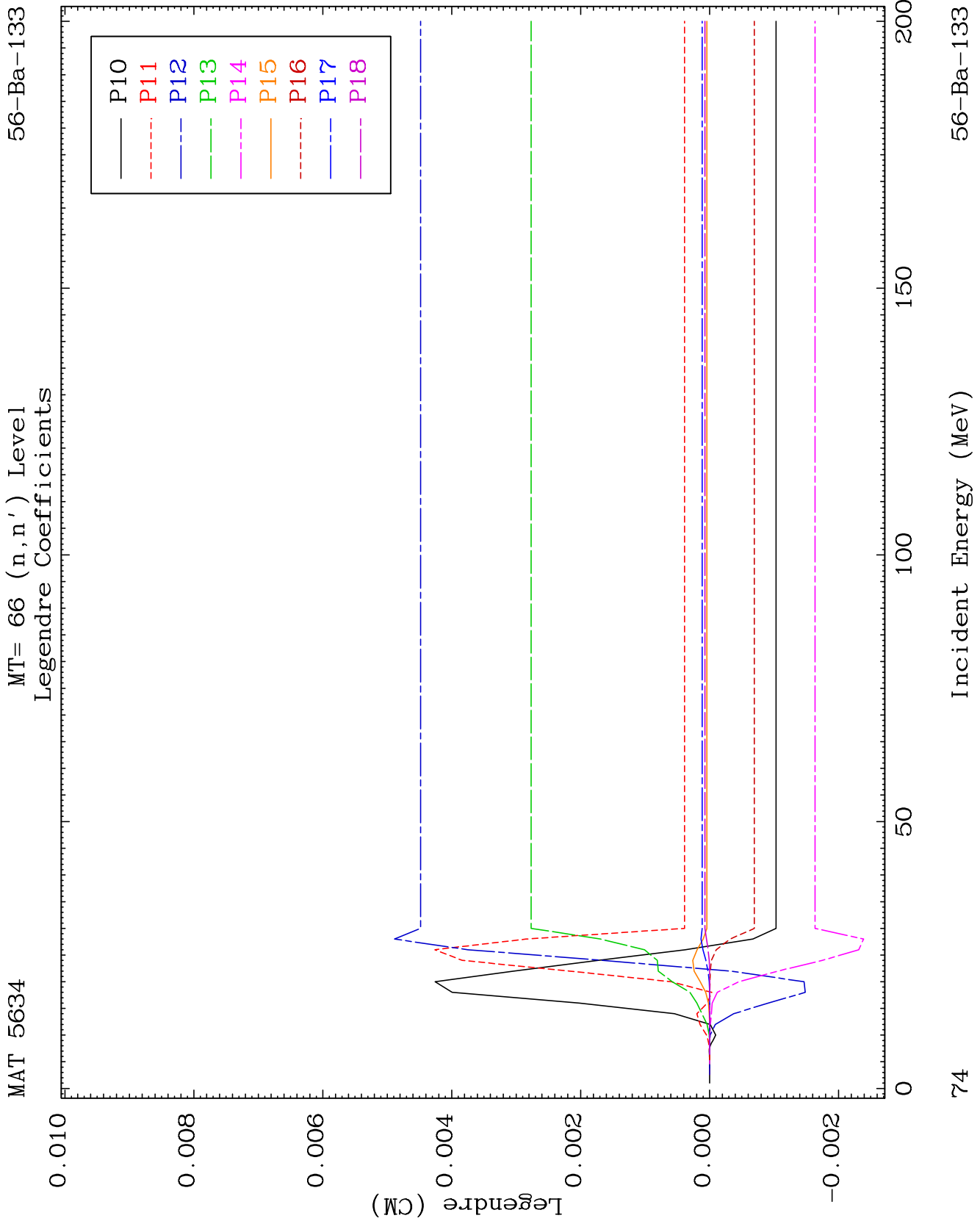
56-Ba-133



73

Incident Energy (MeV)

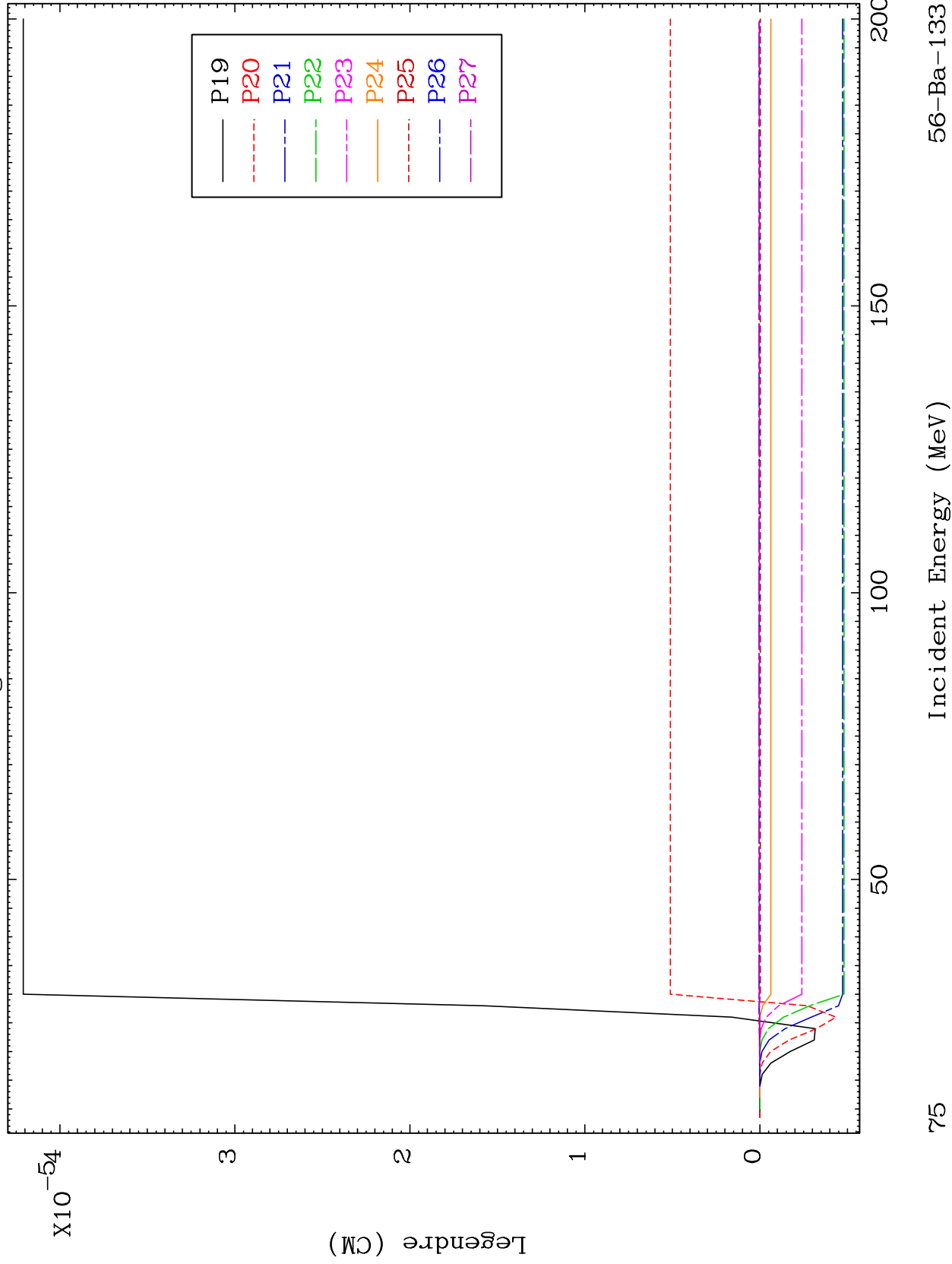
56-Ba-133



MAT 5634

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

56-Ba-133



56-Ba-133

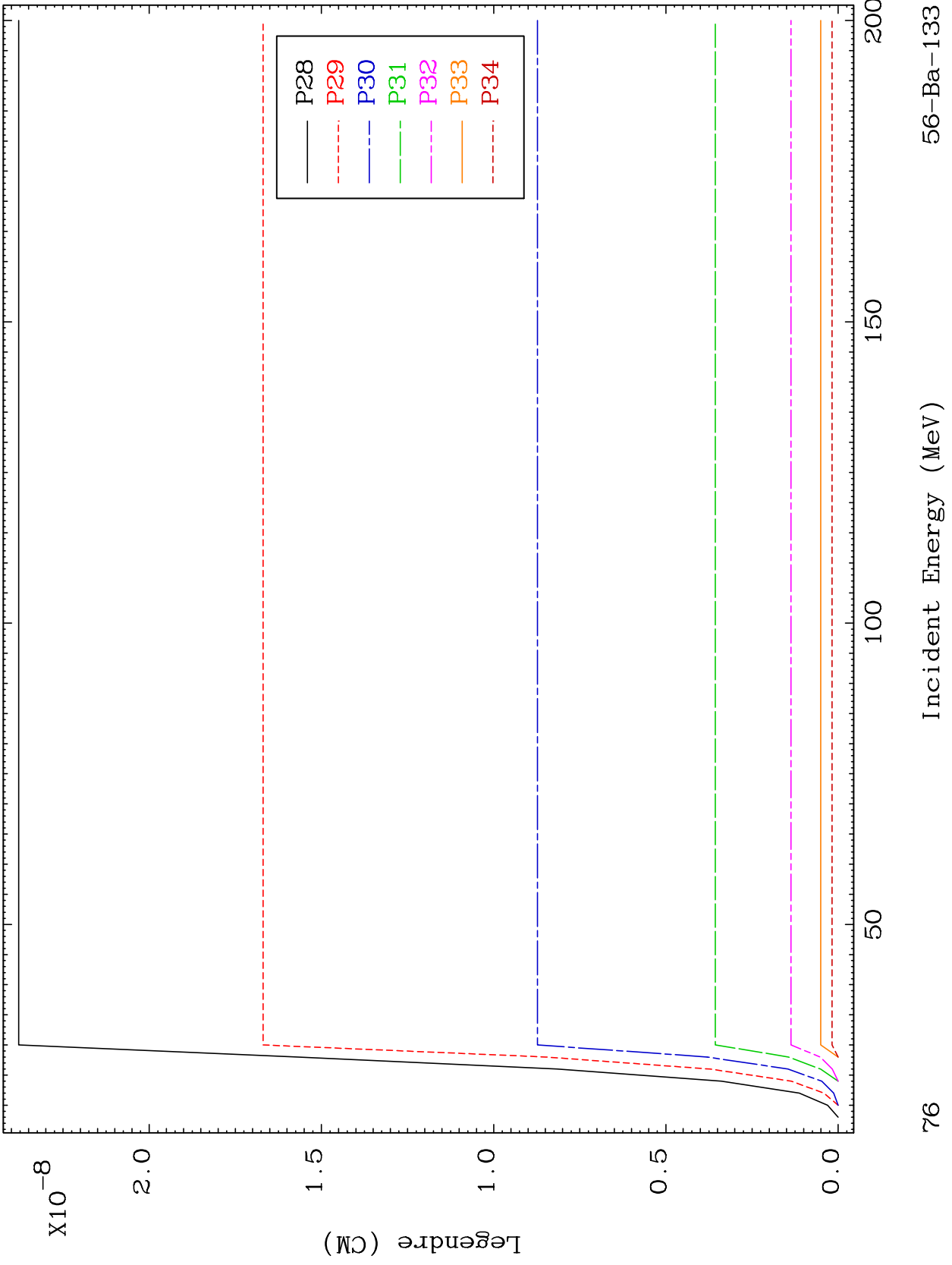
Incident Energy (MeV)

75

MAT 5634

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

56-Ba-133



76

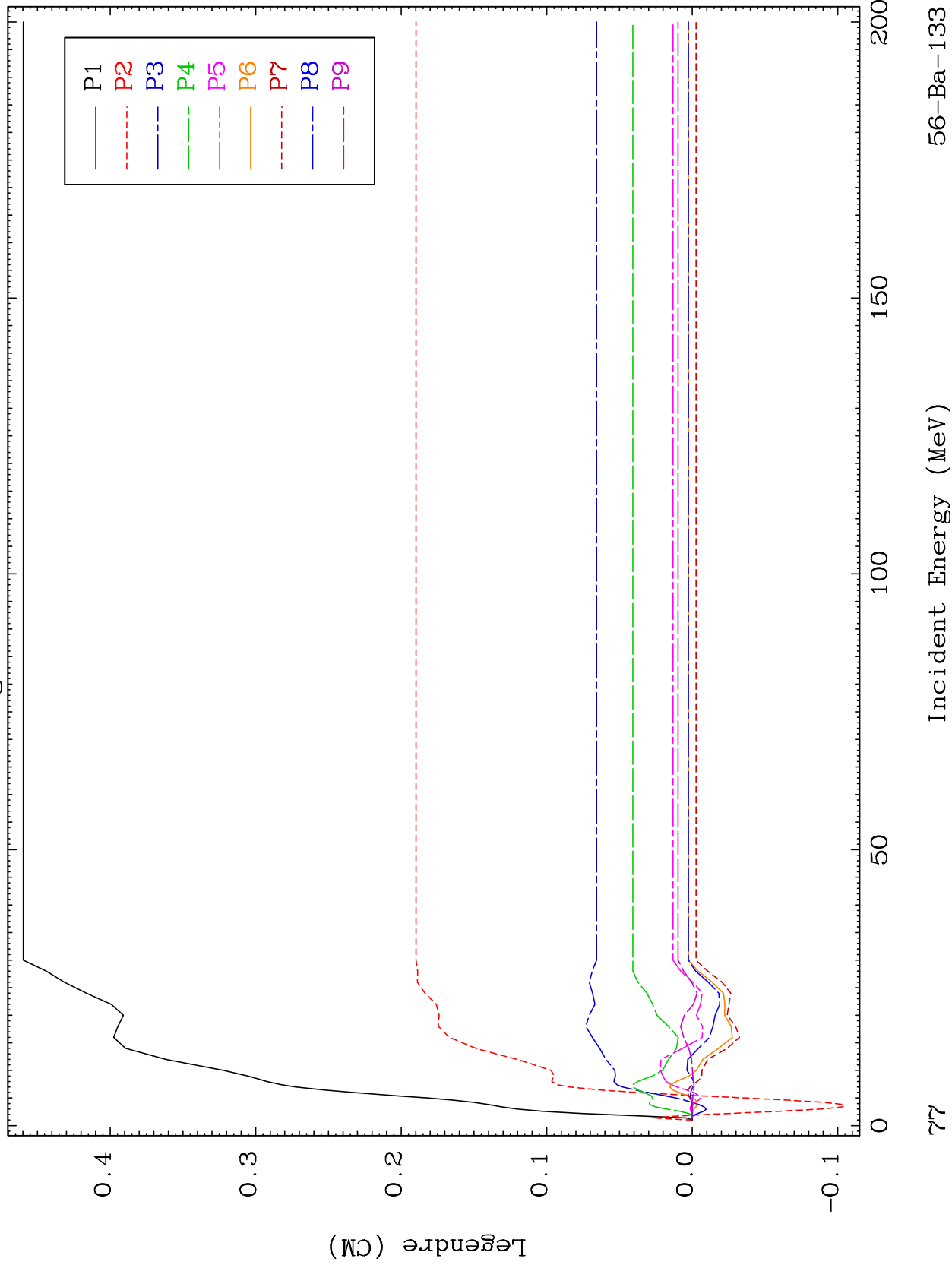
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

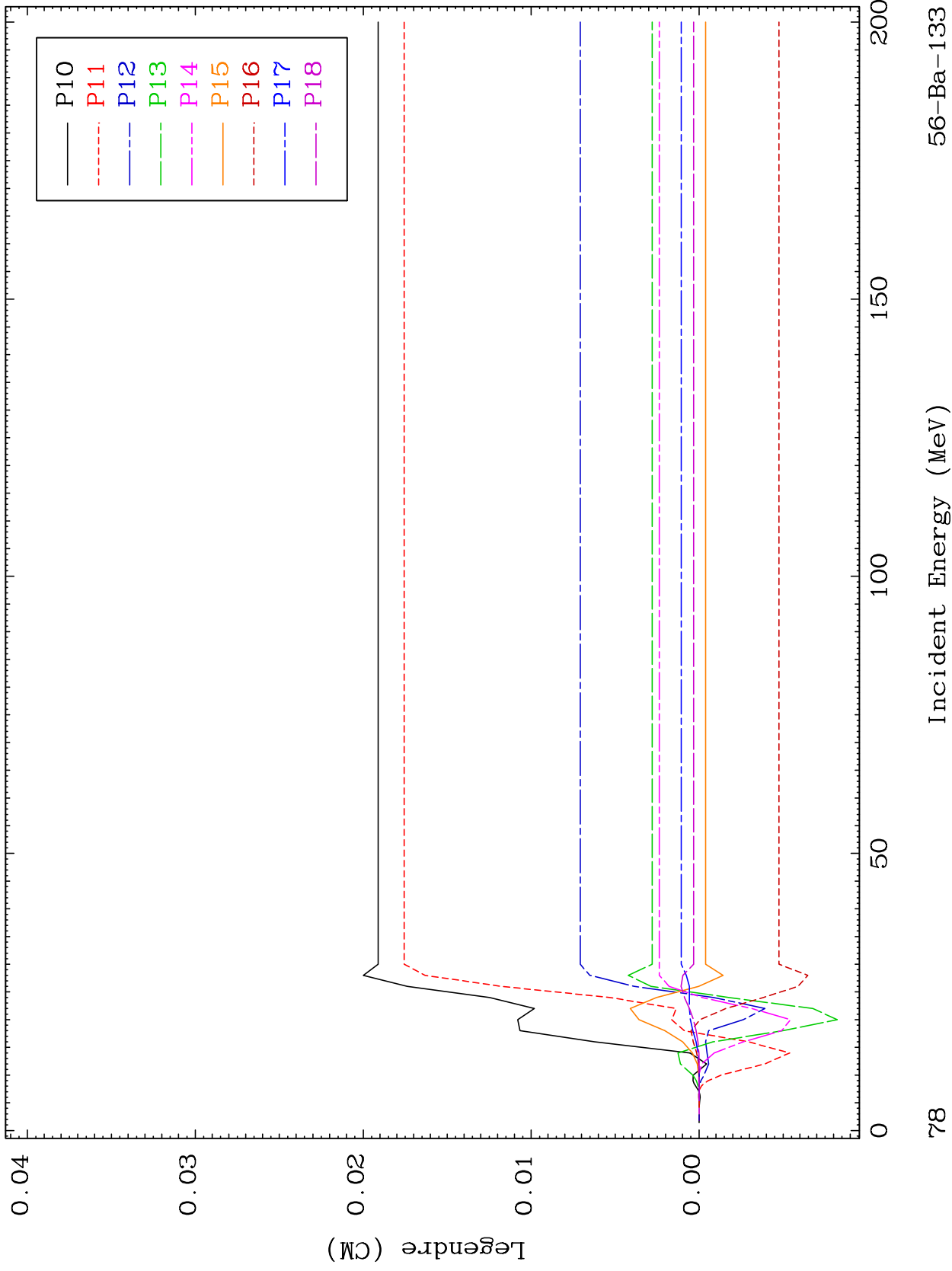
56-Ba-133



MAT 5634

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

56-Ba-133



56-Ba-133

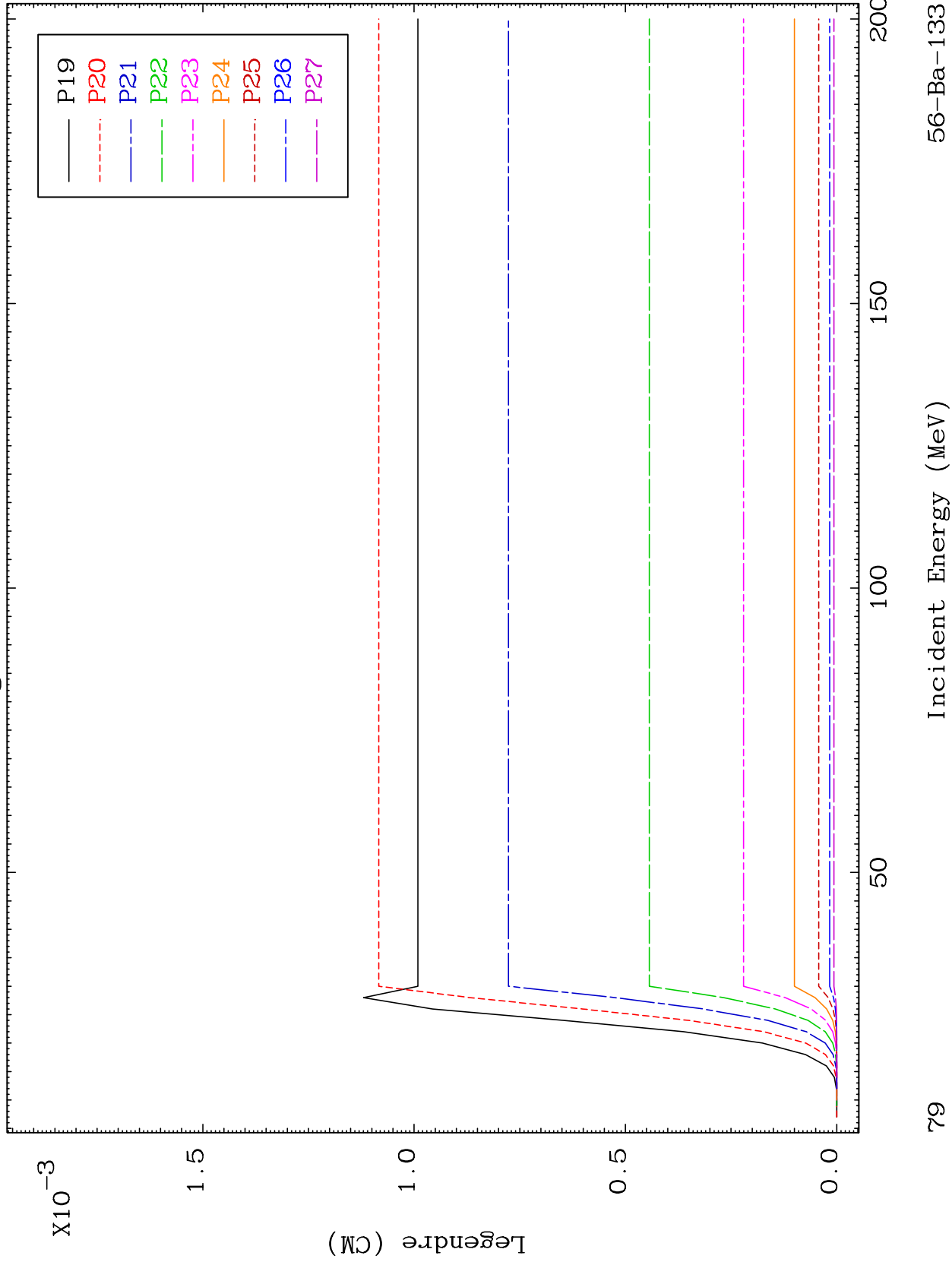
Incident Energy (MeV)

78

MAT 5634

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

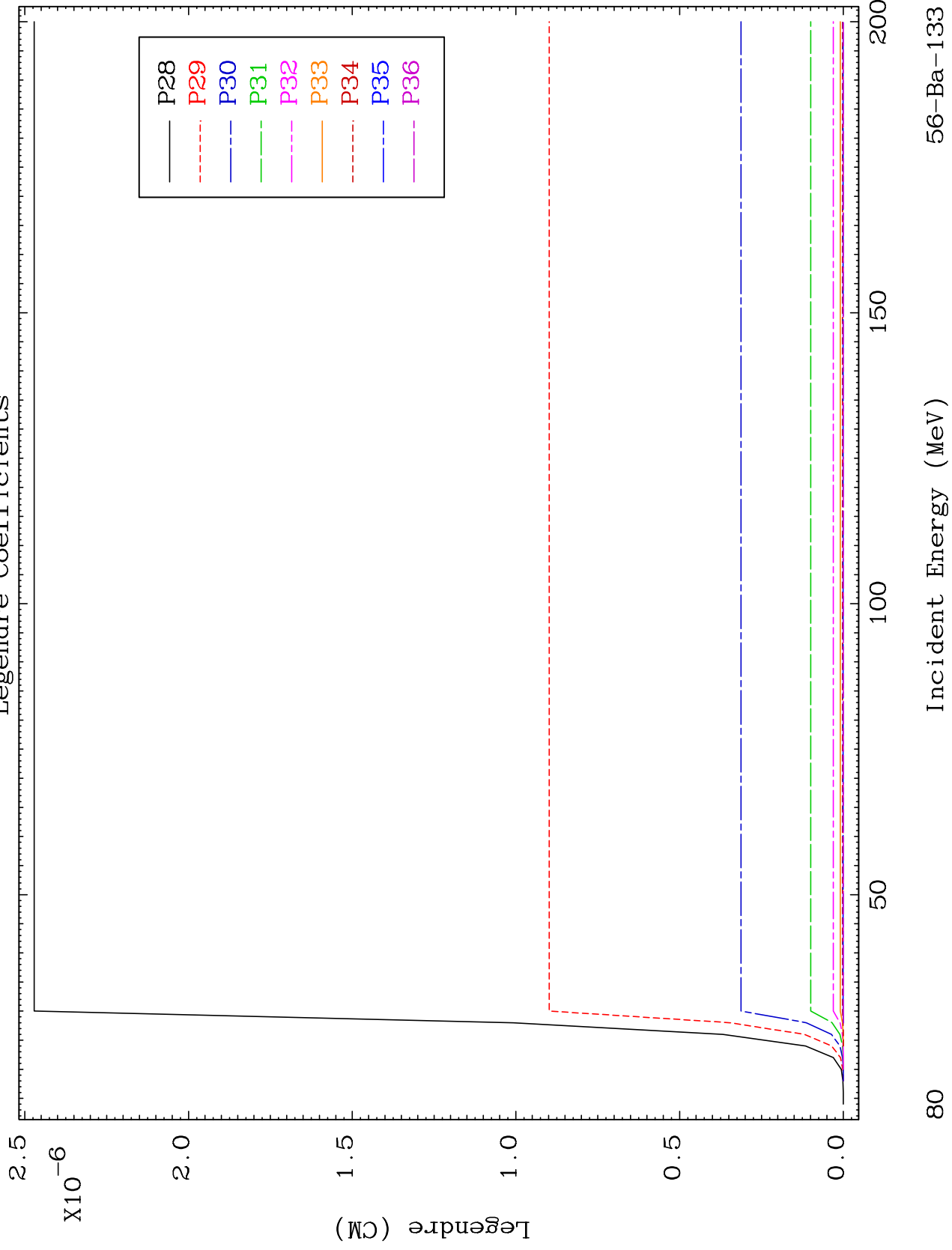
56-Ba-133



MAT 5634

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

56-Ba-133



56-Ba-133

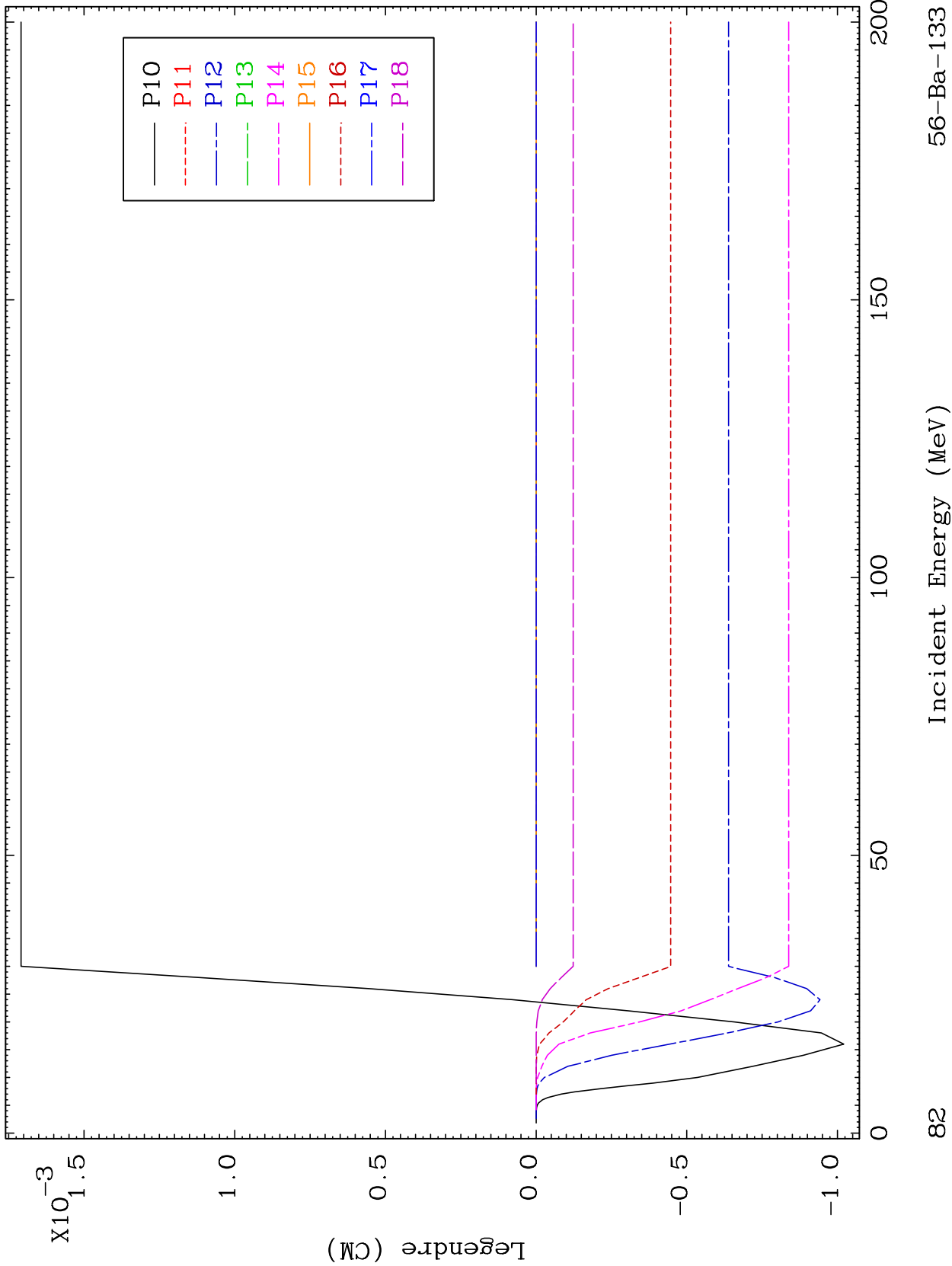
Incident Energy (MeV)

80

MAT 5634

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

56-Ba-133



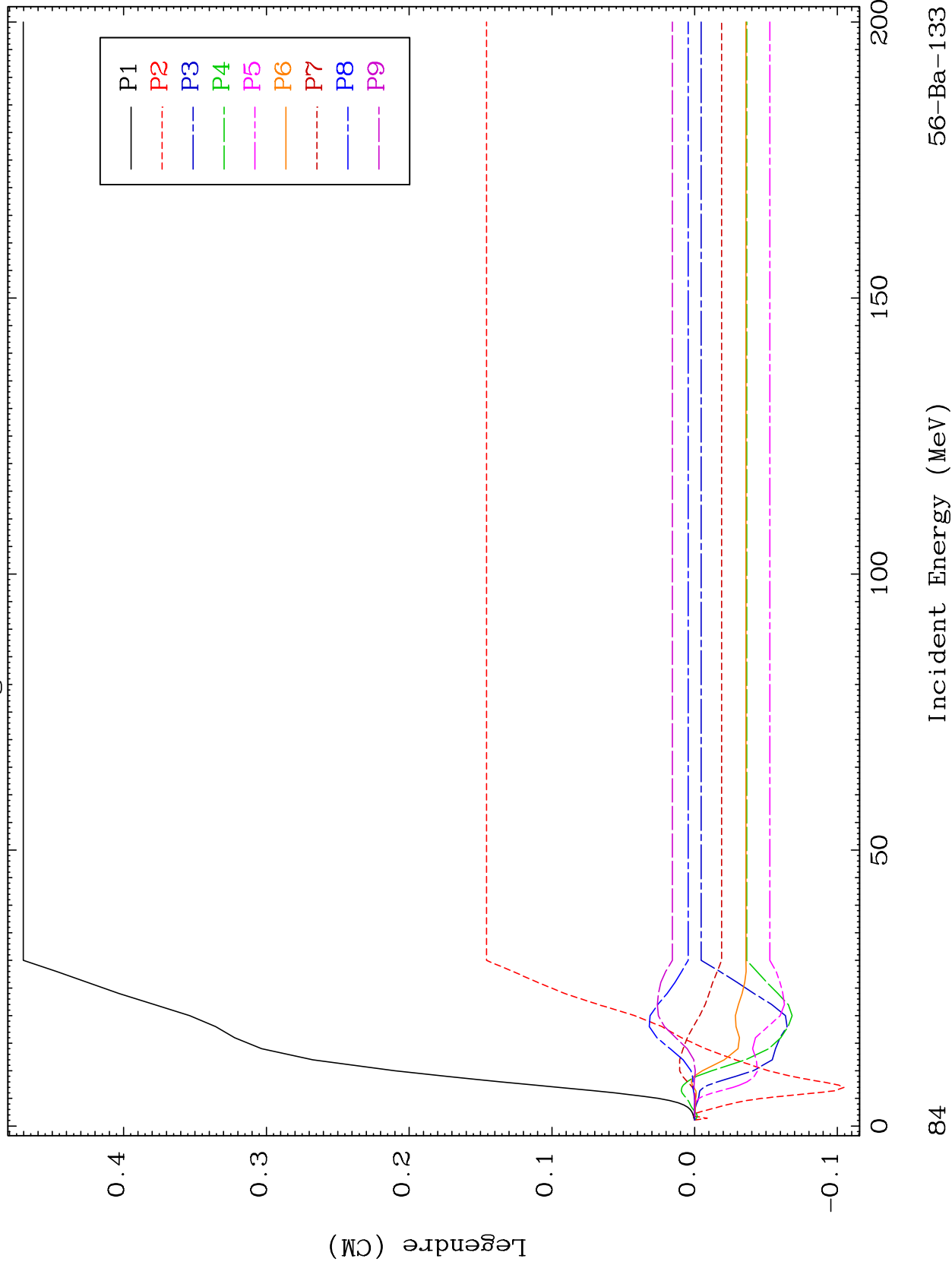
82

56-Ba-133

MAT 5634

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

56-Ba-133



56-Ba-133

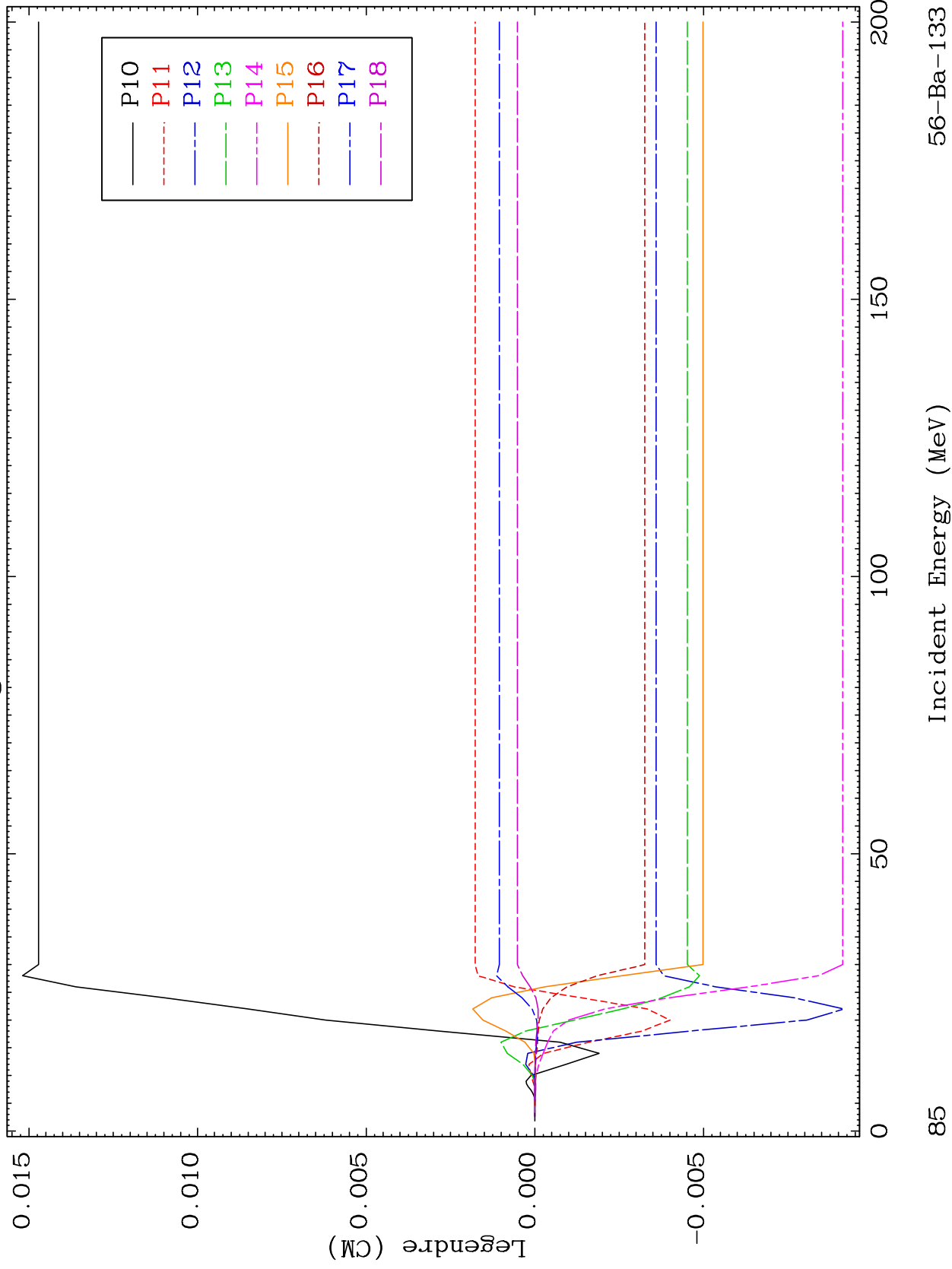
Incident Energy (MeV)

84

MAT 5634

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

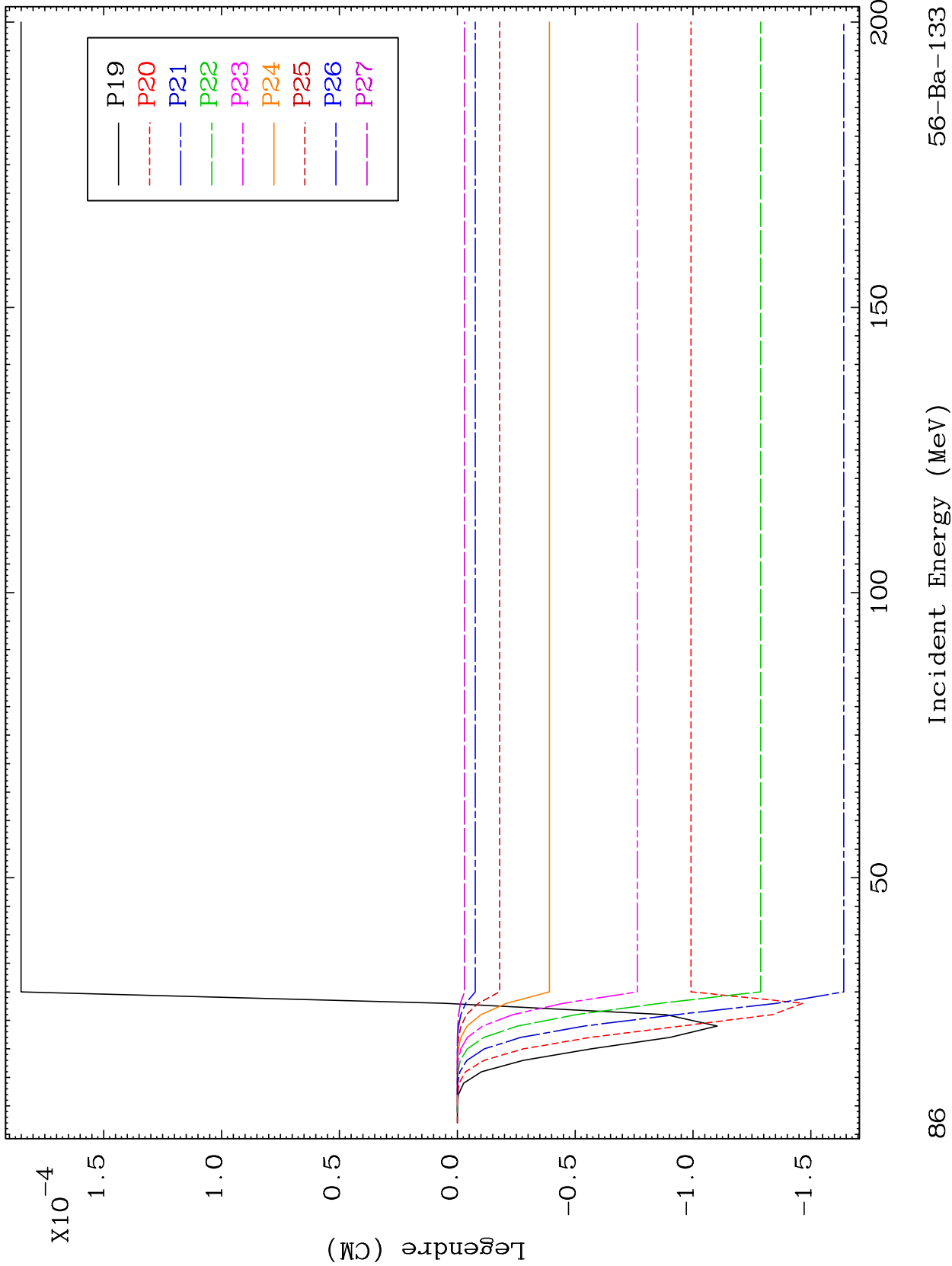
56-Ba-133



56-Ba-133

Incident Energy (MeV)

85

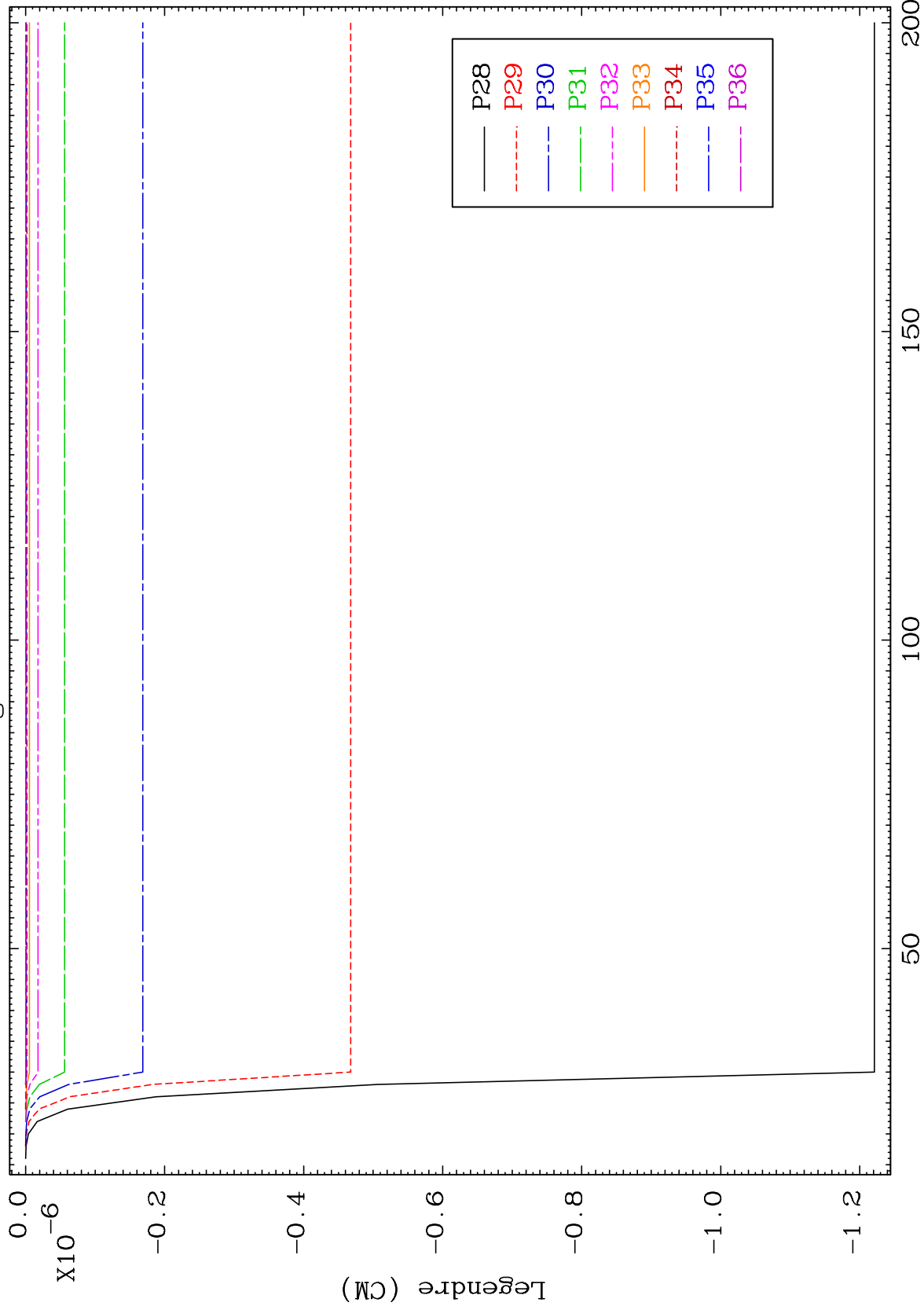


MAT 5634

MT= 69 (n,n') Level

56-Ba-133

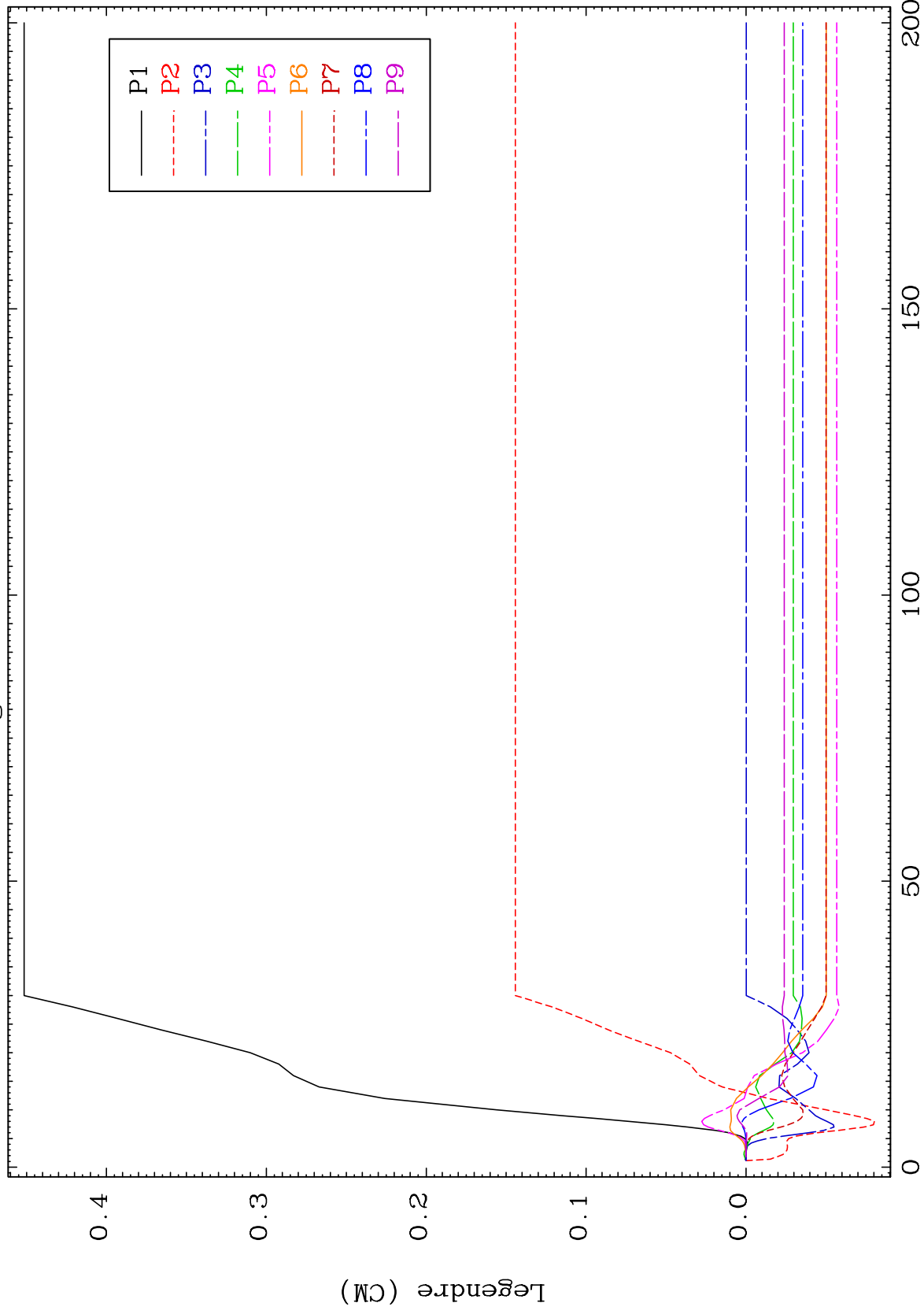
Legendre Coefficients



MAT 5634

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

56-Ba-133



56-Ba-133

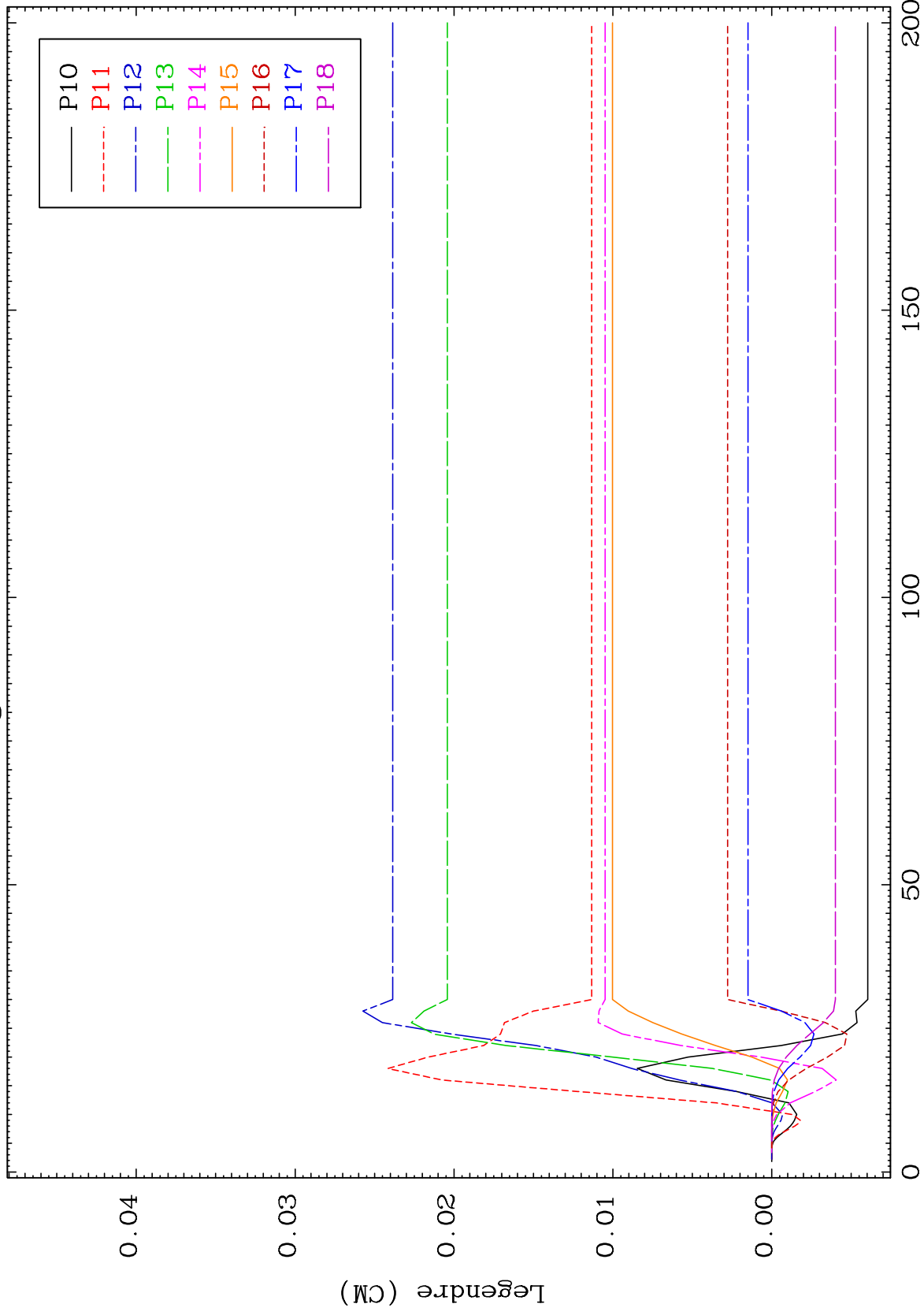
Incident Energy (MeV)

88

MAT 5634

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

56-Ba-133



89

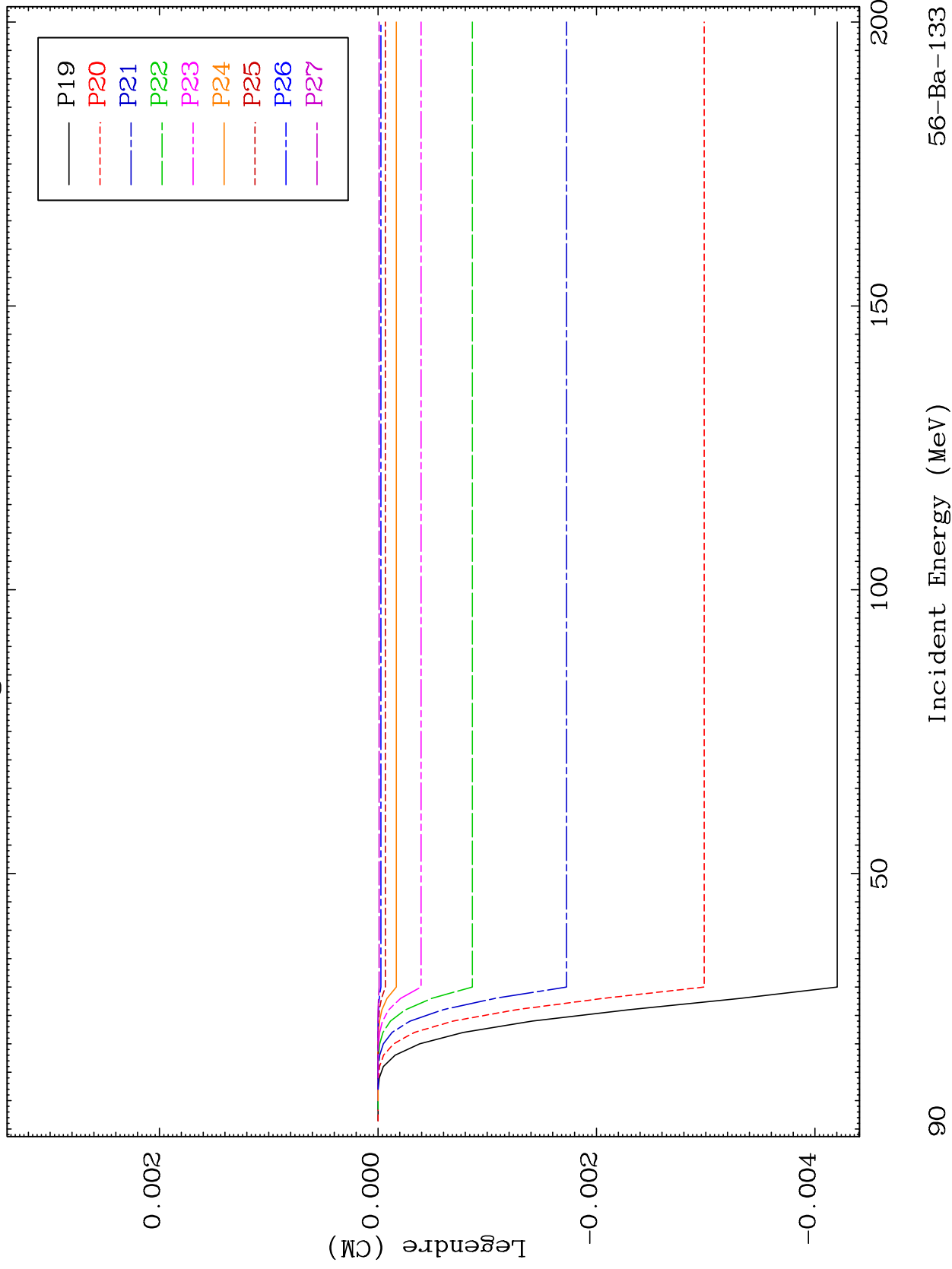
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

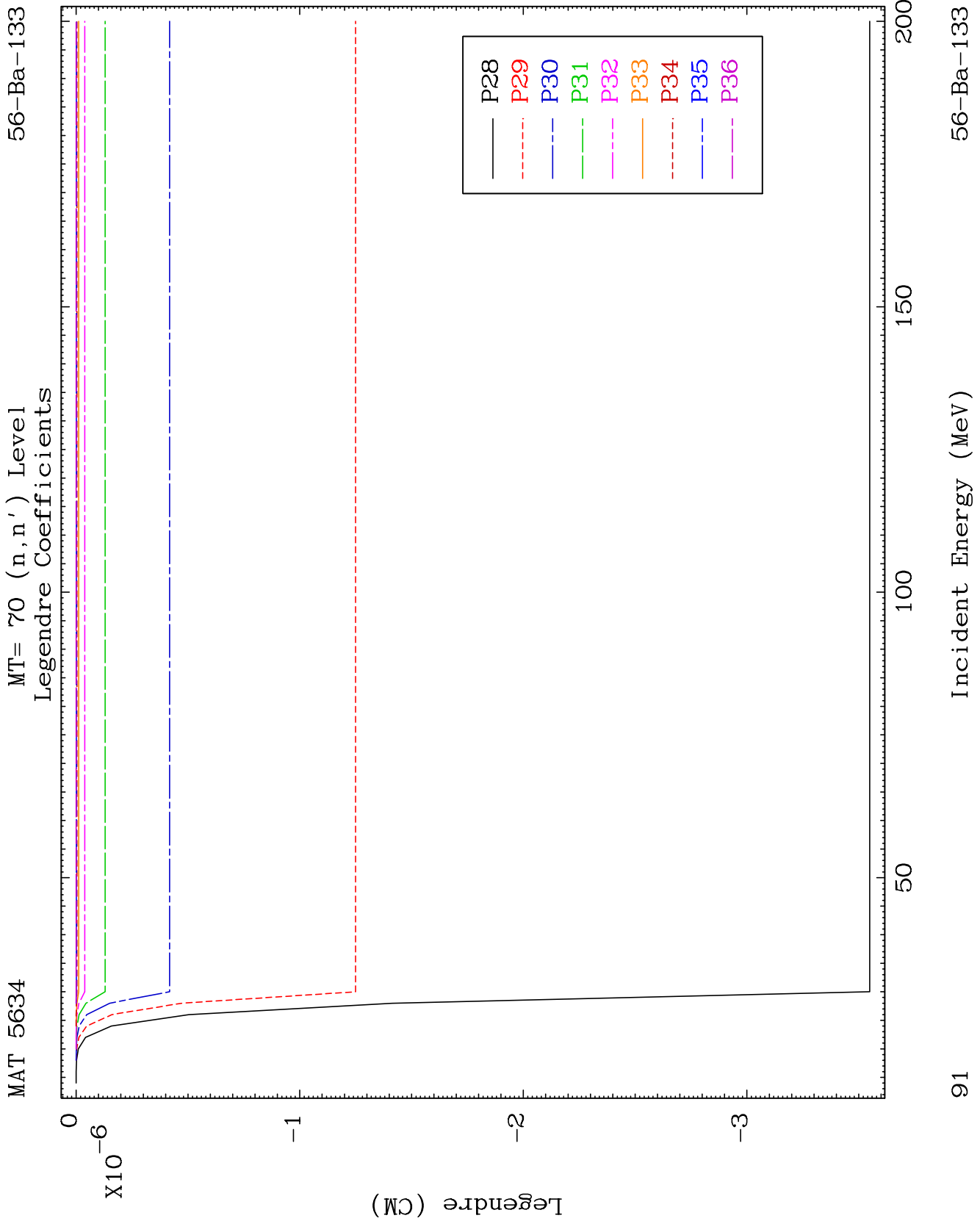
56-Ba-133

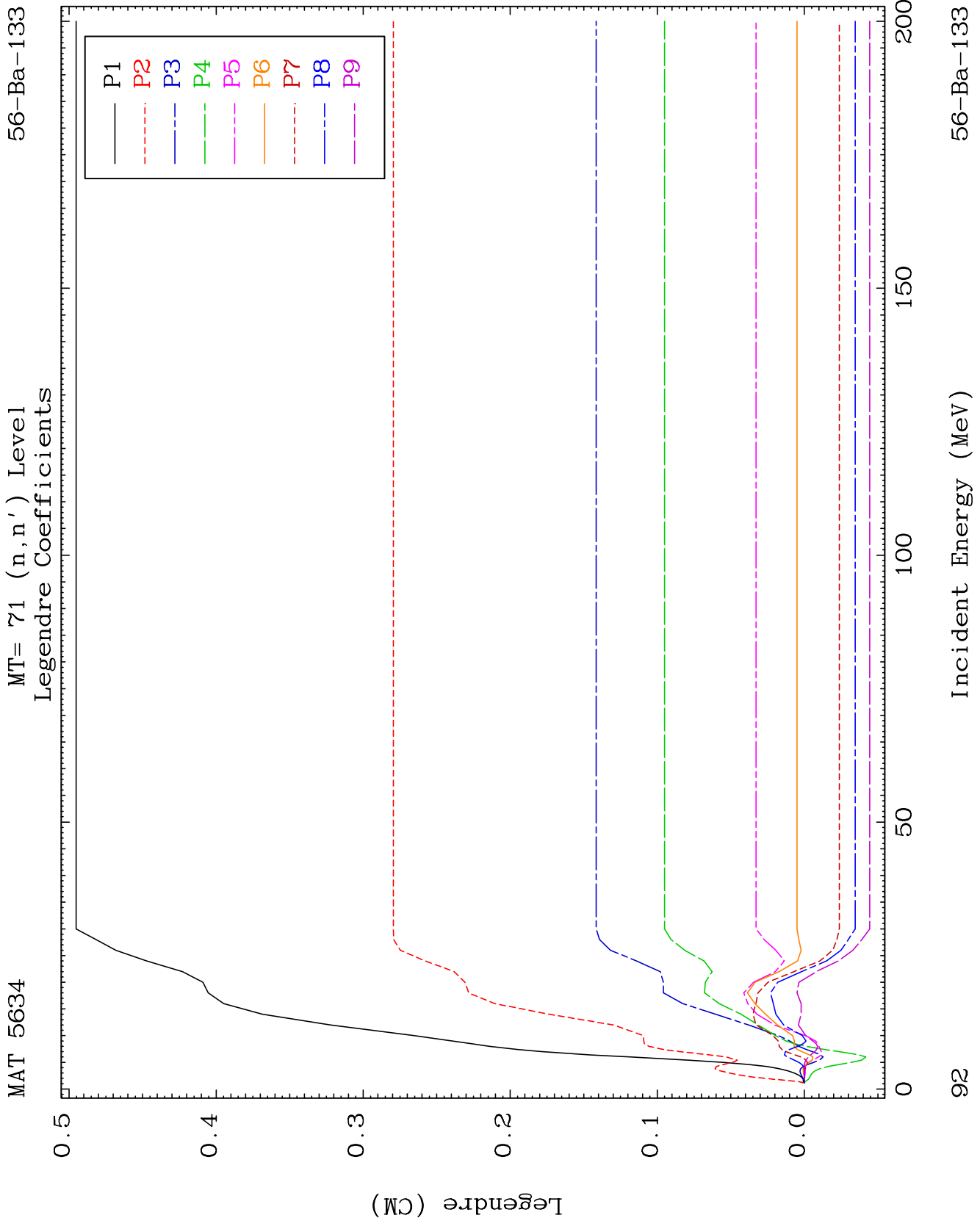


56-Ba-133

Incident Energy (MeV)

90

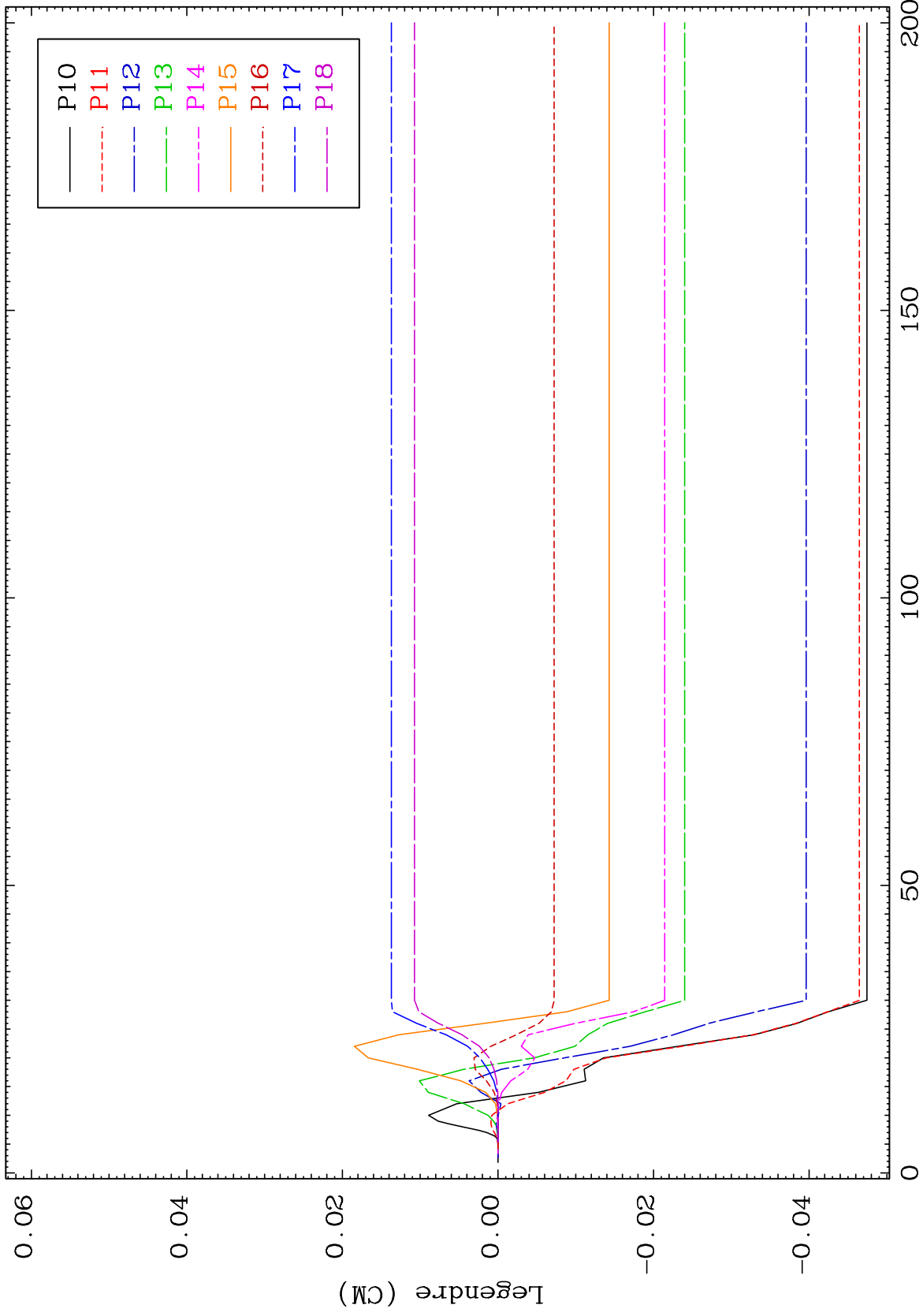




MAT 5634

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

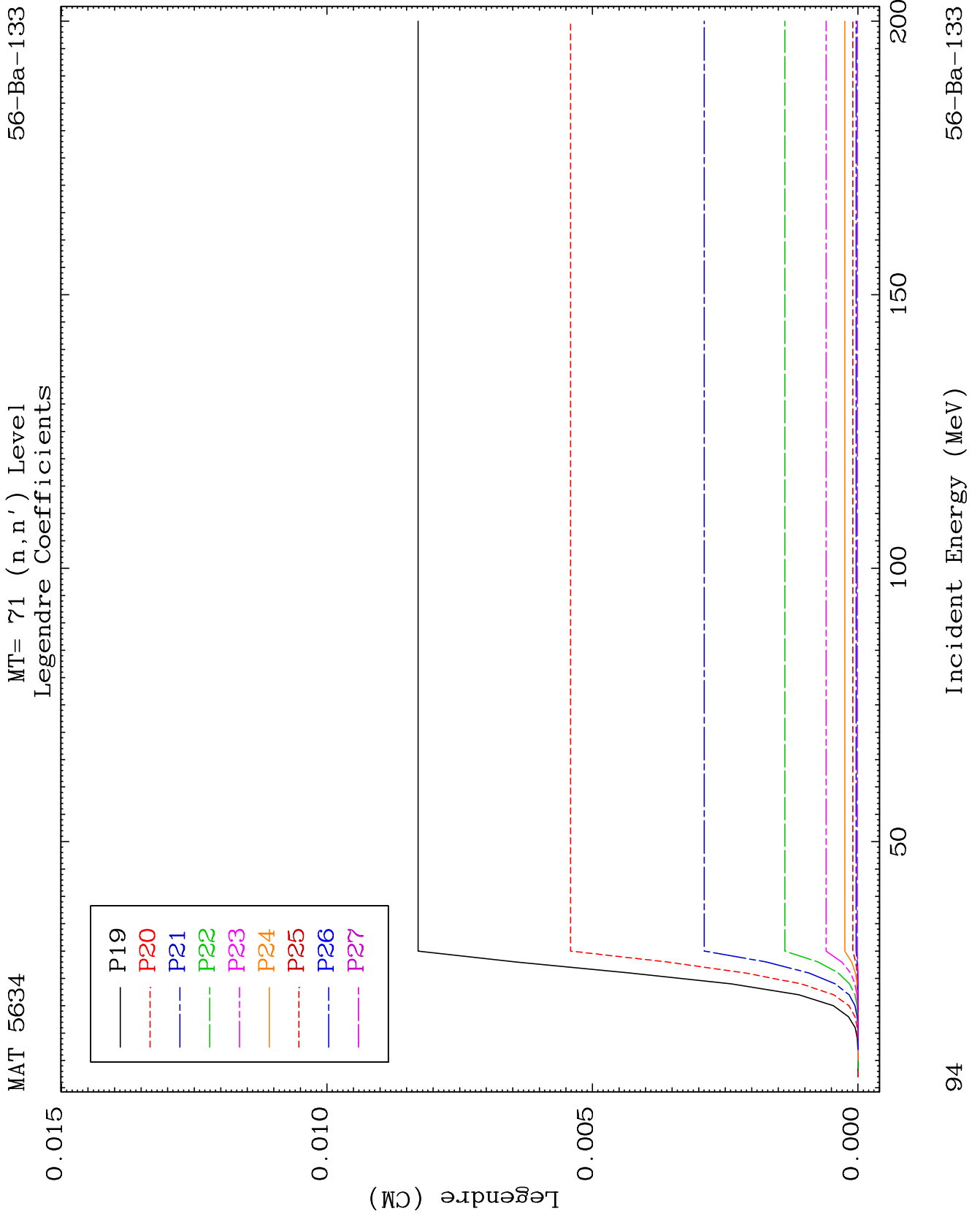
56-Ba-133



93

Incident Energy (MeV)

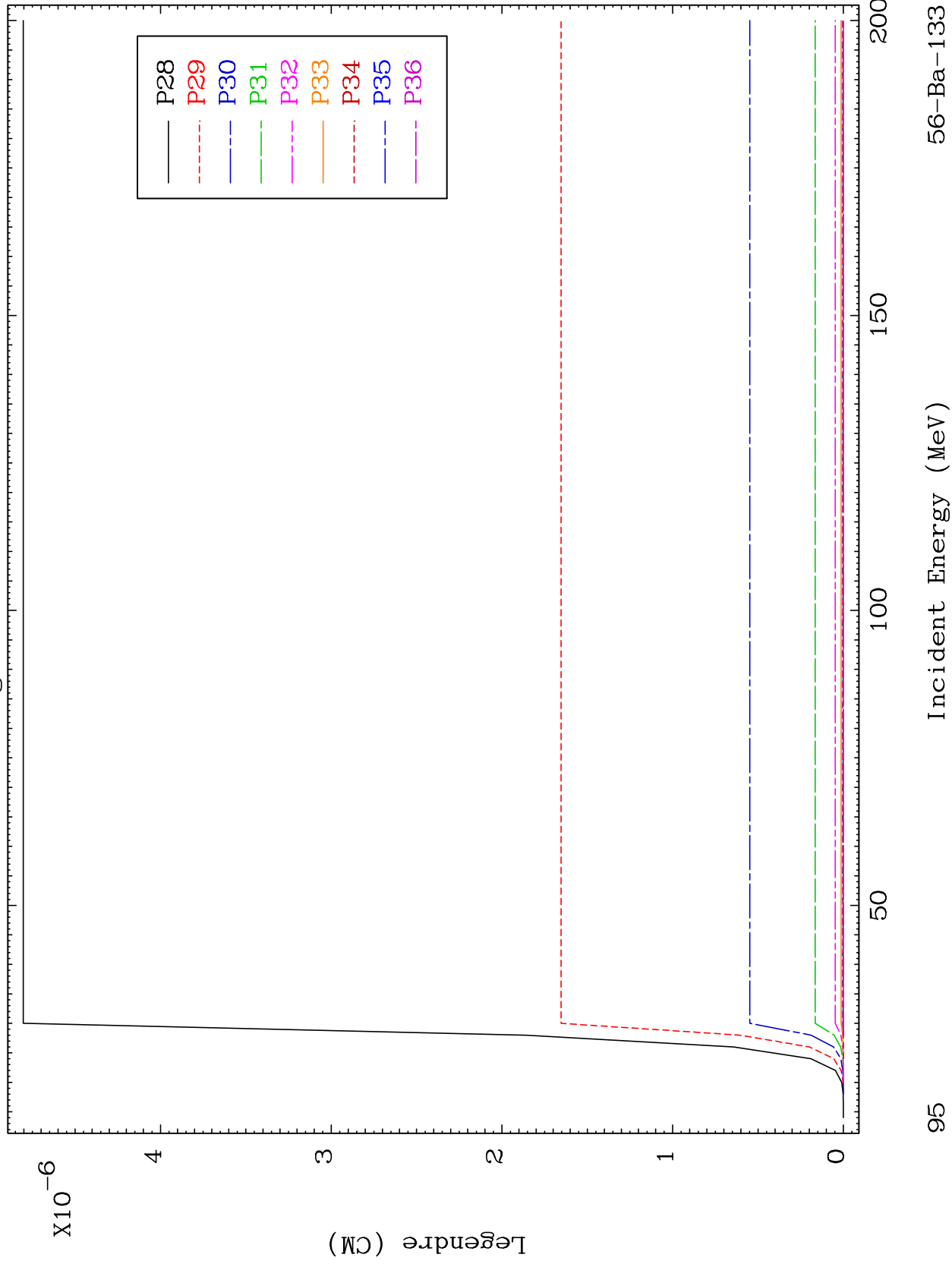
56-Ba-133



MAT 5634

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

56-Ba-133

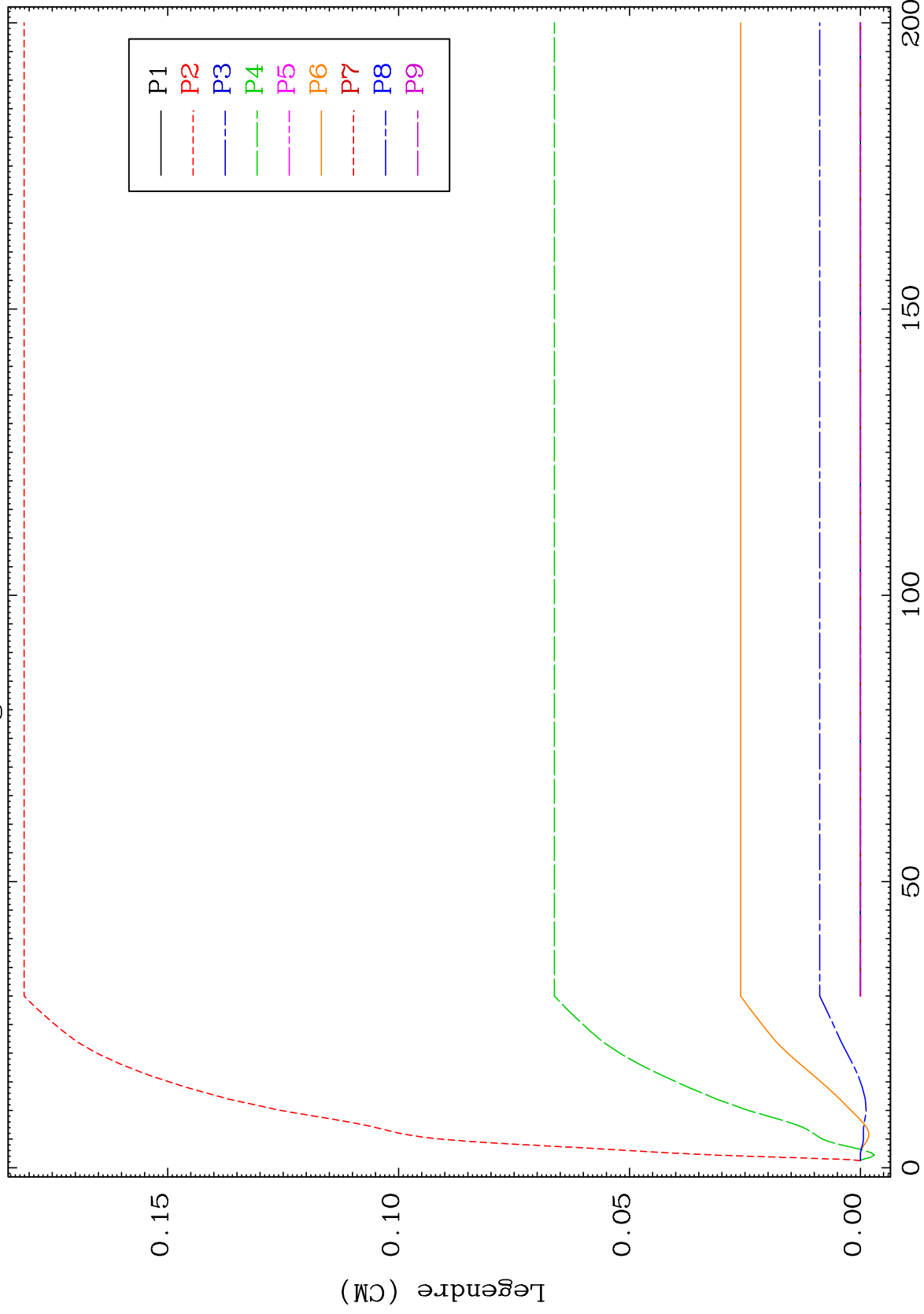


95

MAT 5634

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

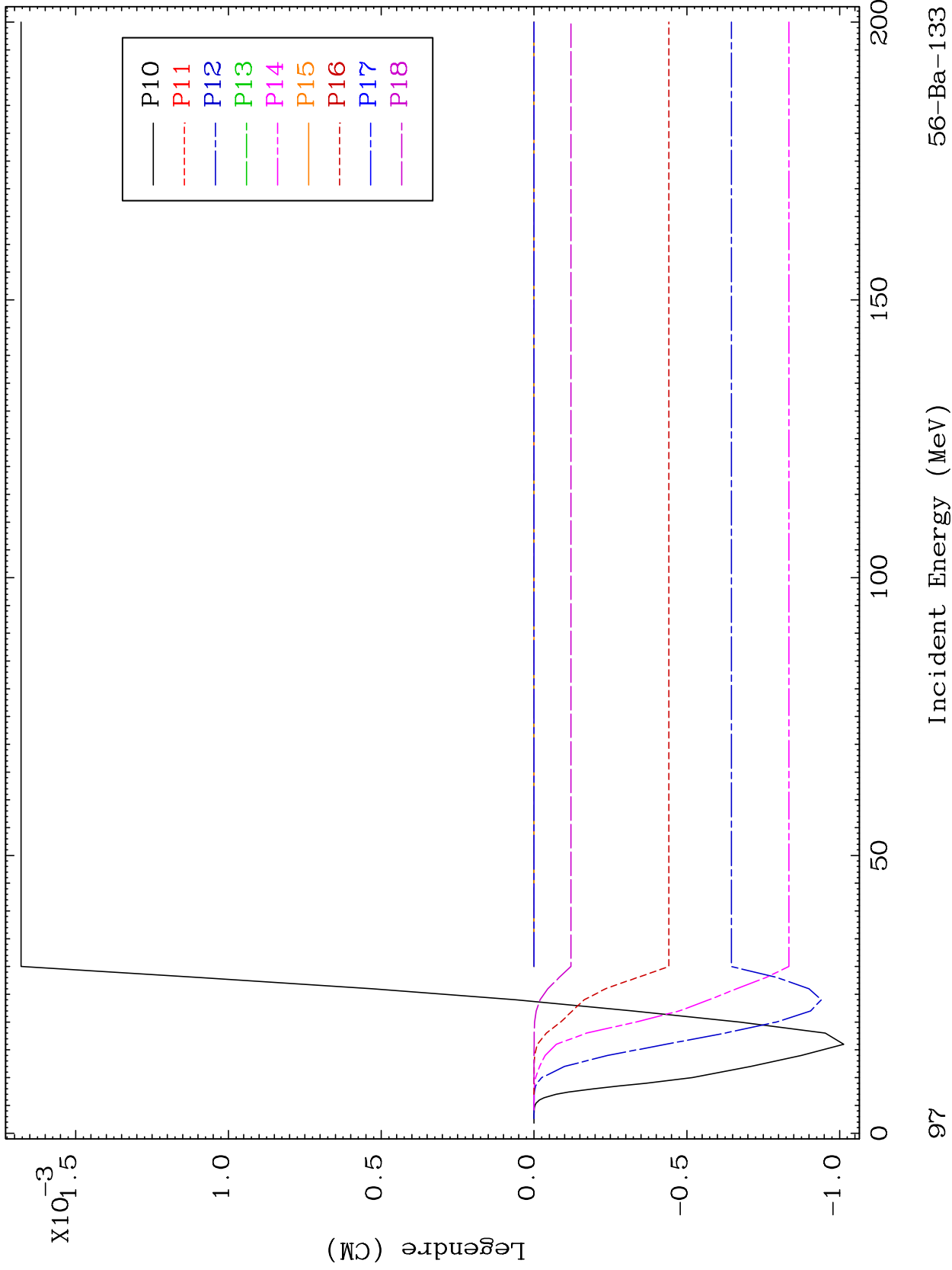
56-Ba-133



96

Incident Energy (MeV)

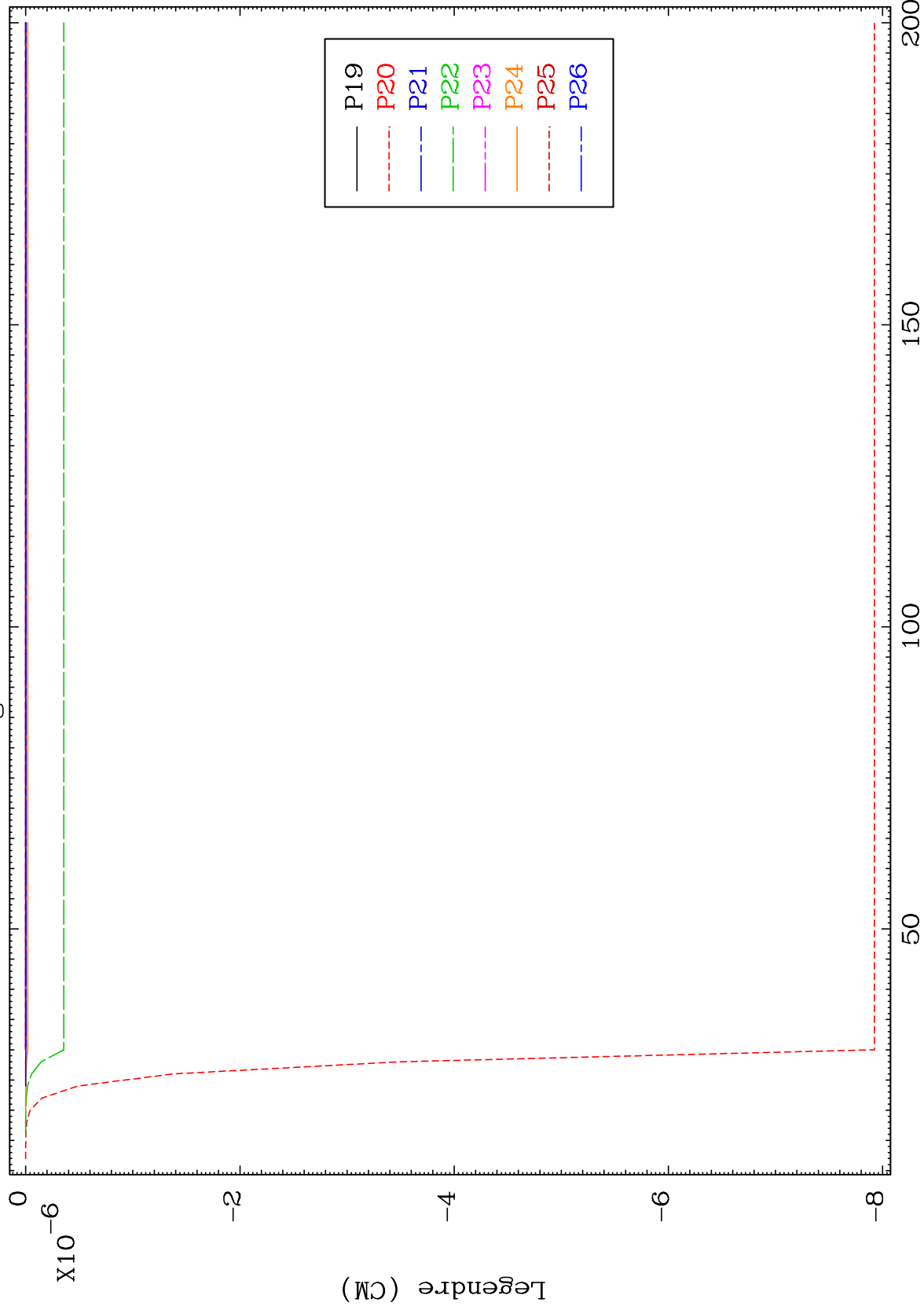
56-Ba-133



MAT 5634

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

56-Ba-133



56-Ba-133

Incident Energy (MeV)

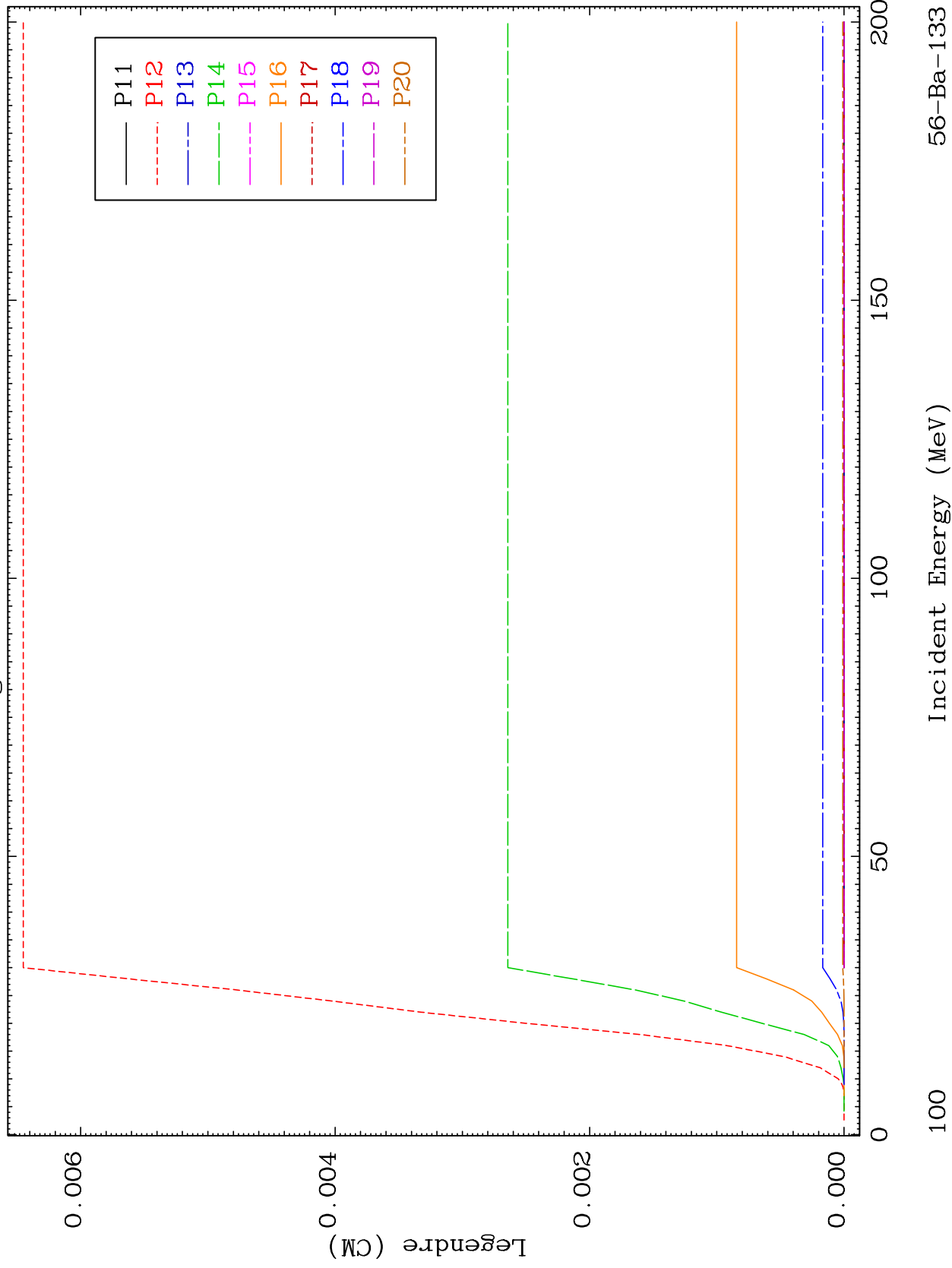
98

MAT 5634

MT= 73 (n,n') Level

56-Ba-133

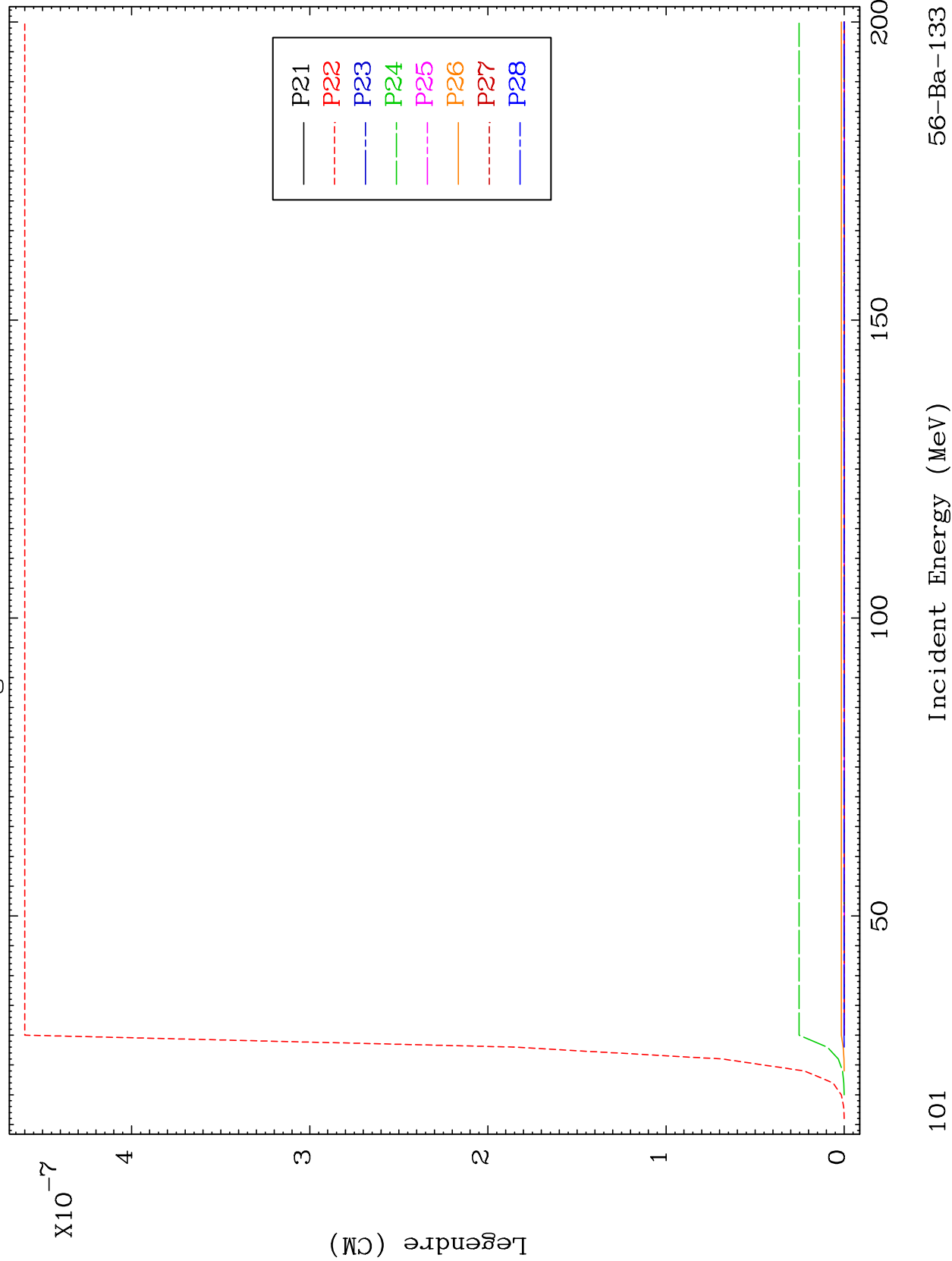
Legendre Coefficients



MAT 5634

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

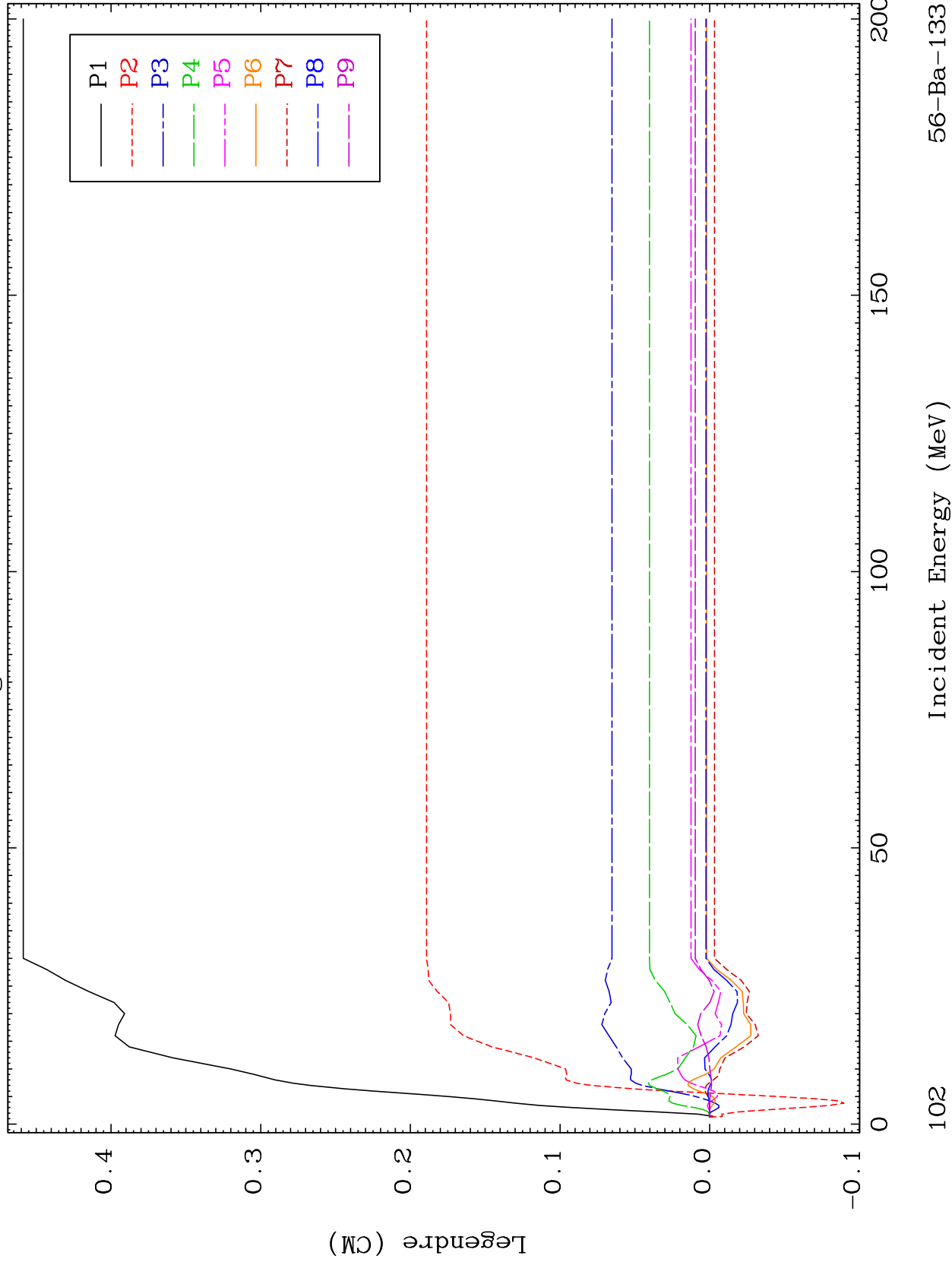
56-Ba-133



MAT 5634

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

56-Ba-133



56-Ba-133

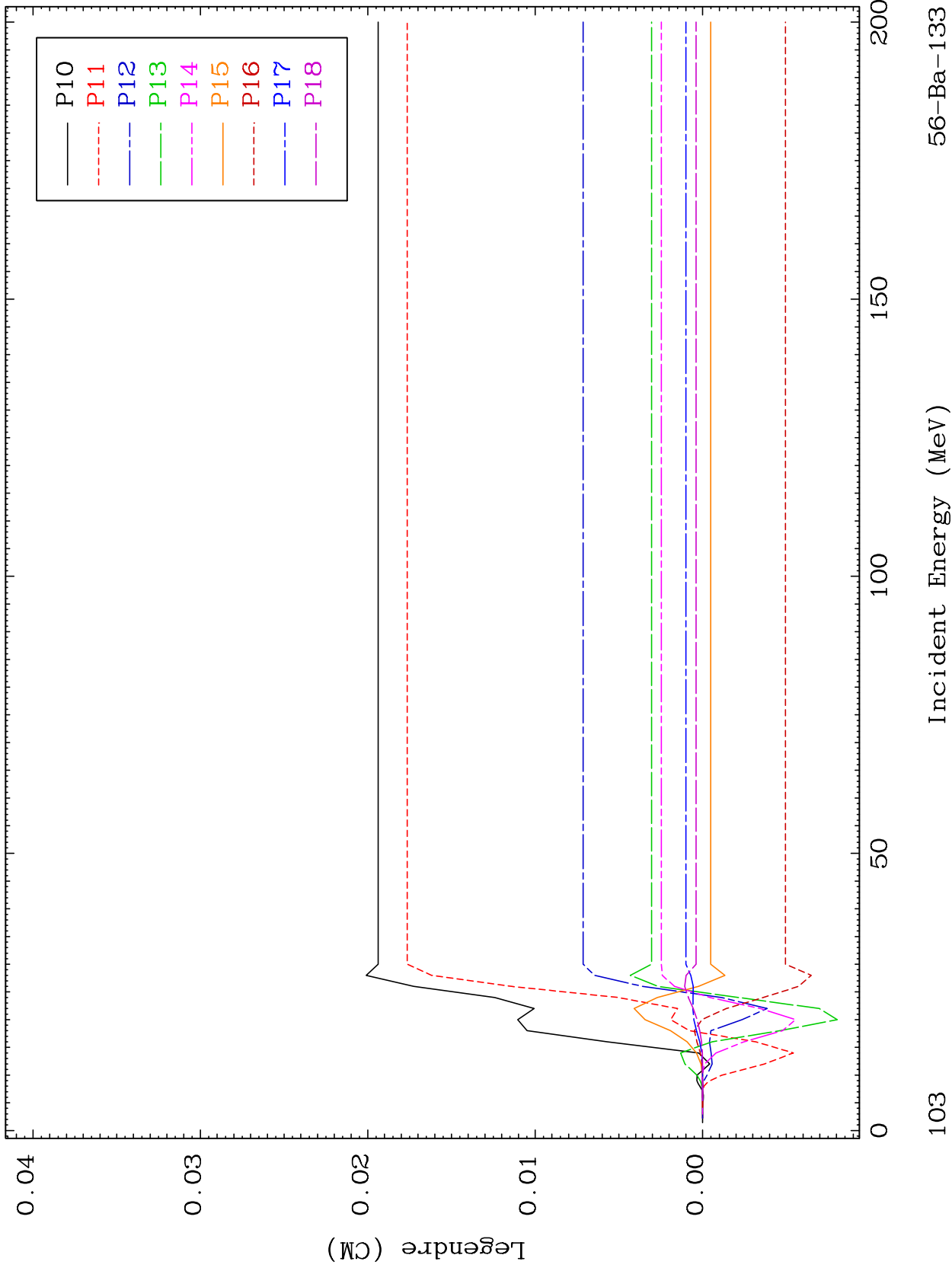
Incident Energy (MeV)

102

MAT 5634

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

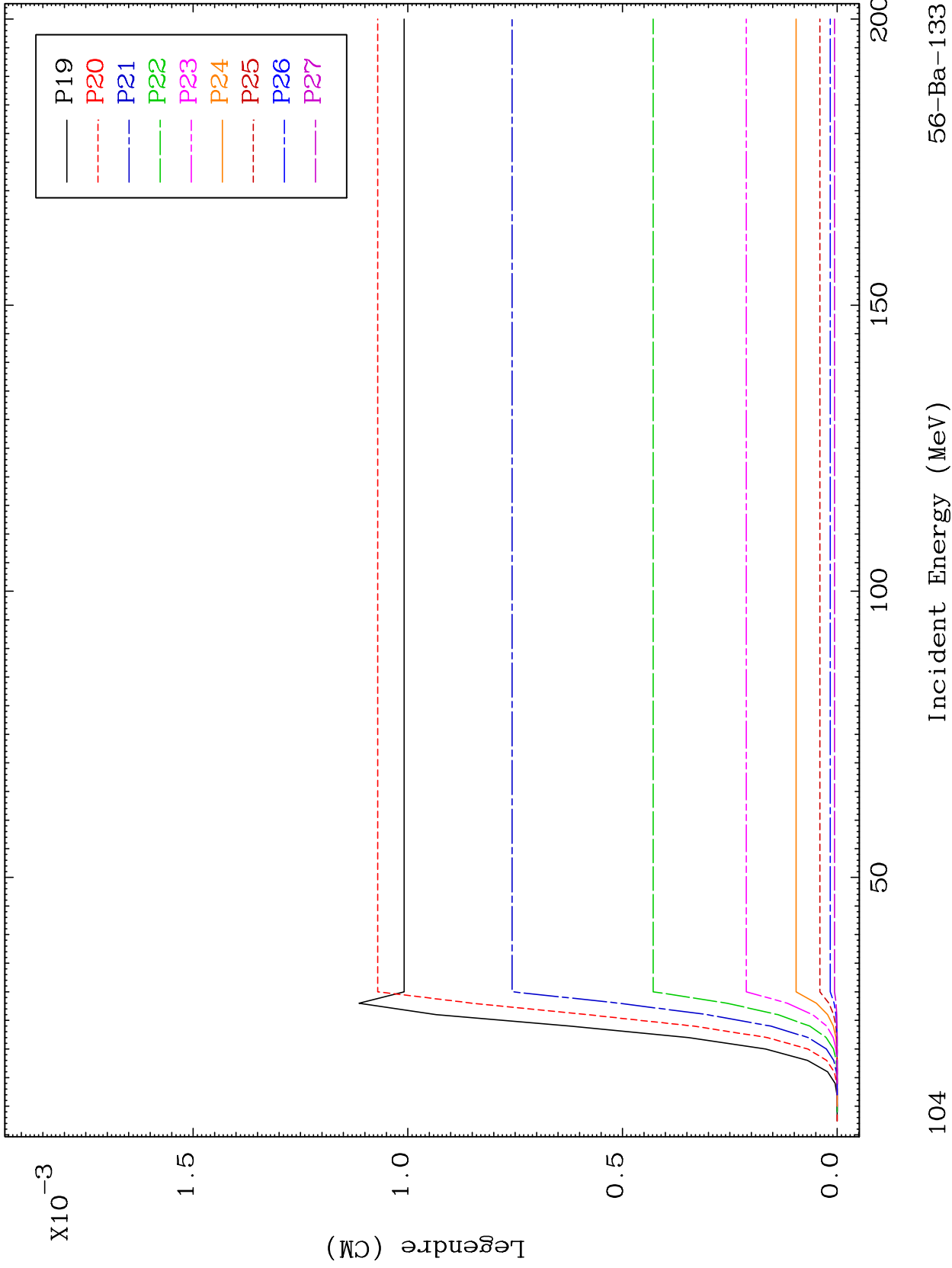
56-Ba-133



MAT 5634

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

56-Ba-133



104

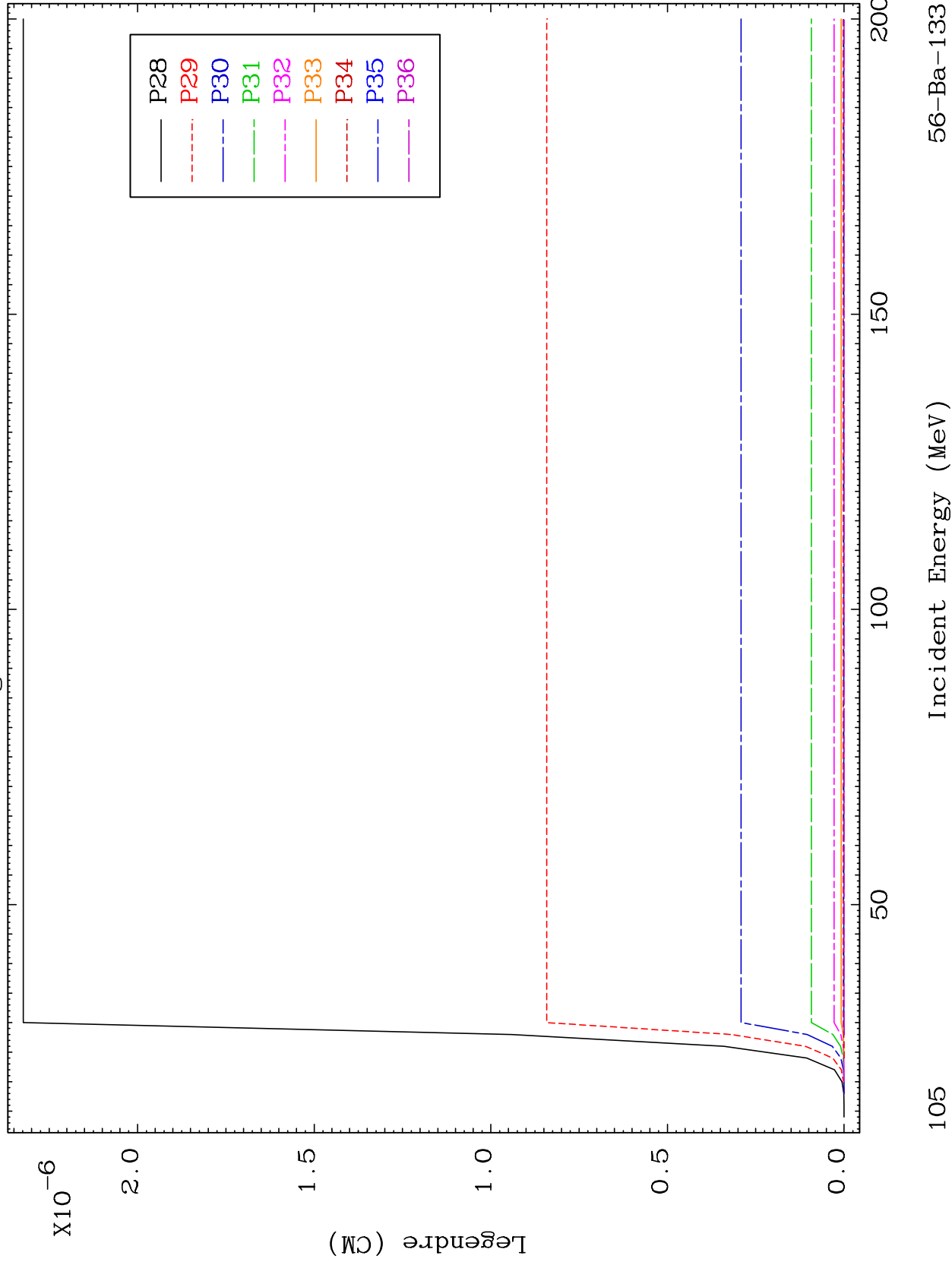
Incident Energy (MeV)

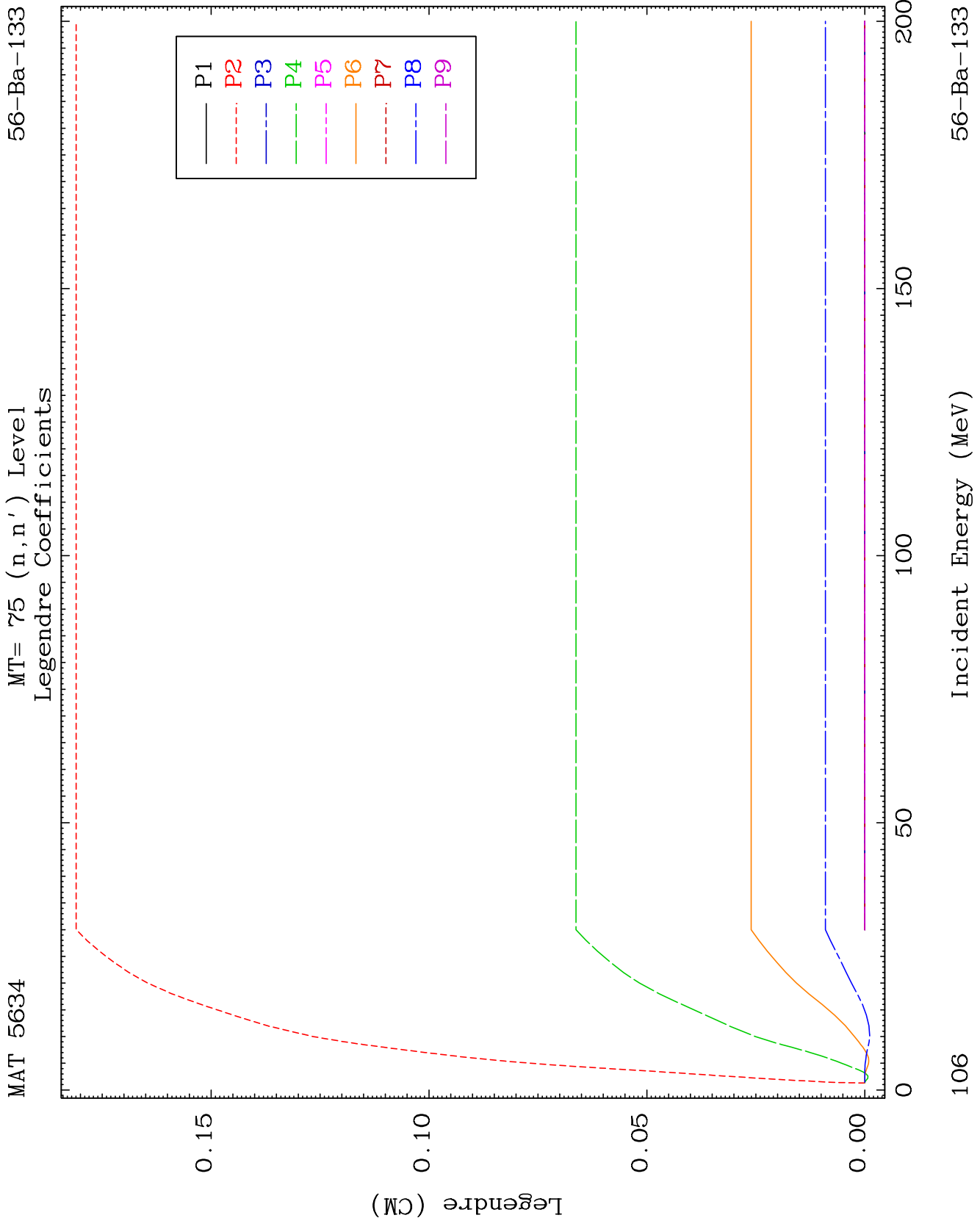
56-Ba-133

MAT 5634

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

56-Ba-133

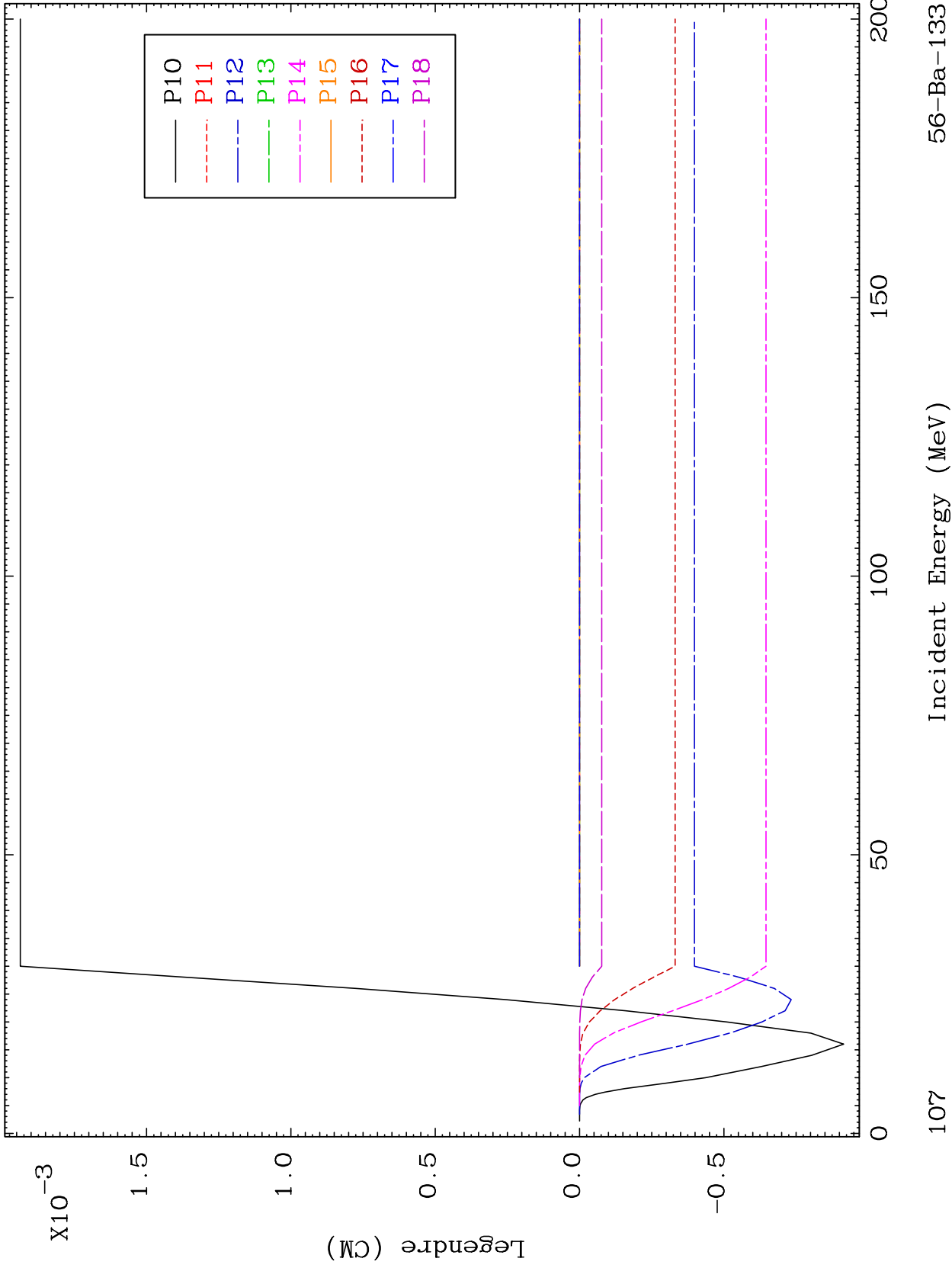




MAT 5634

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

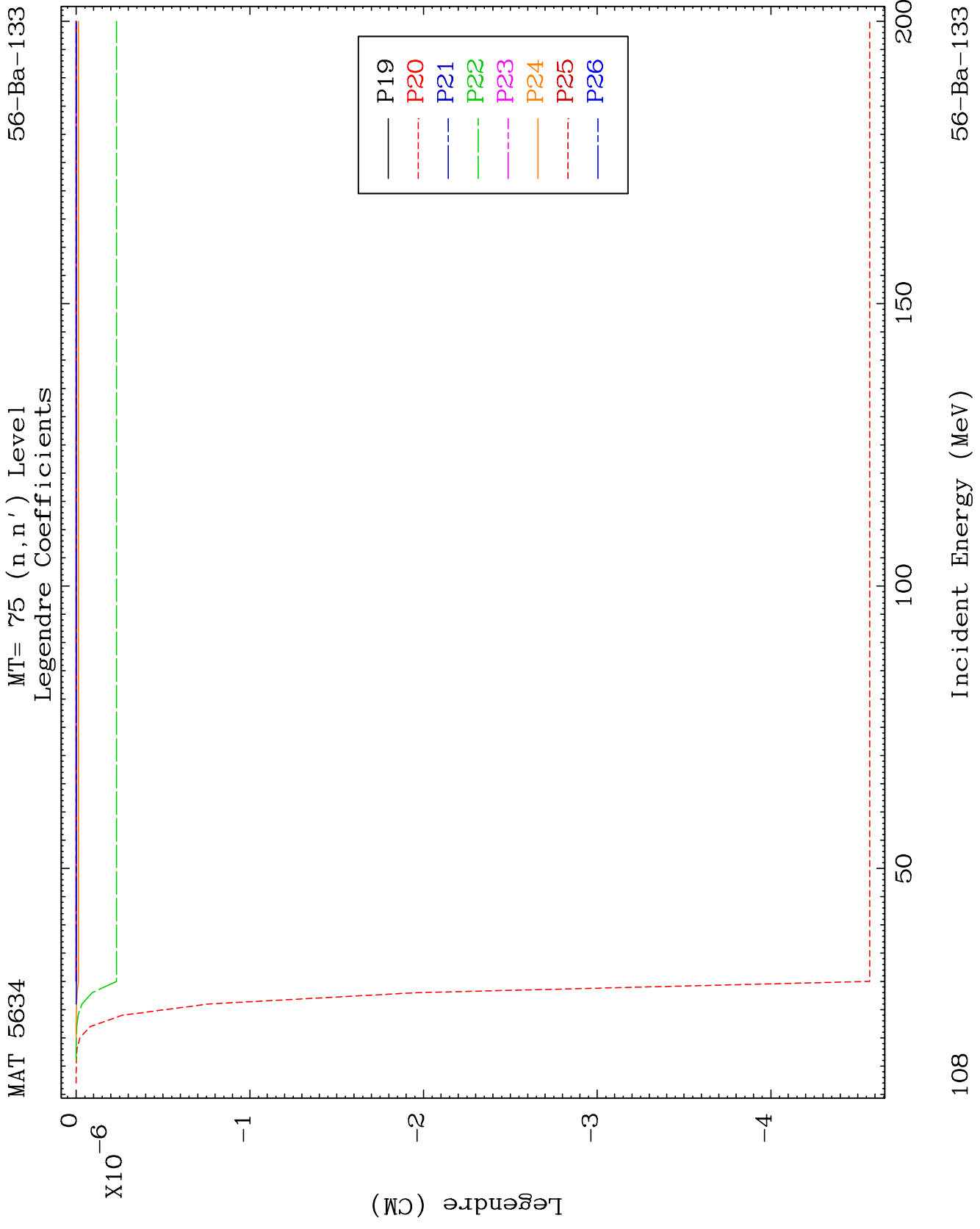
56-Ba-133

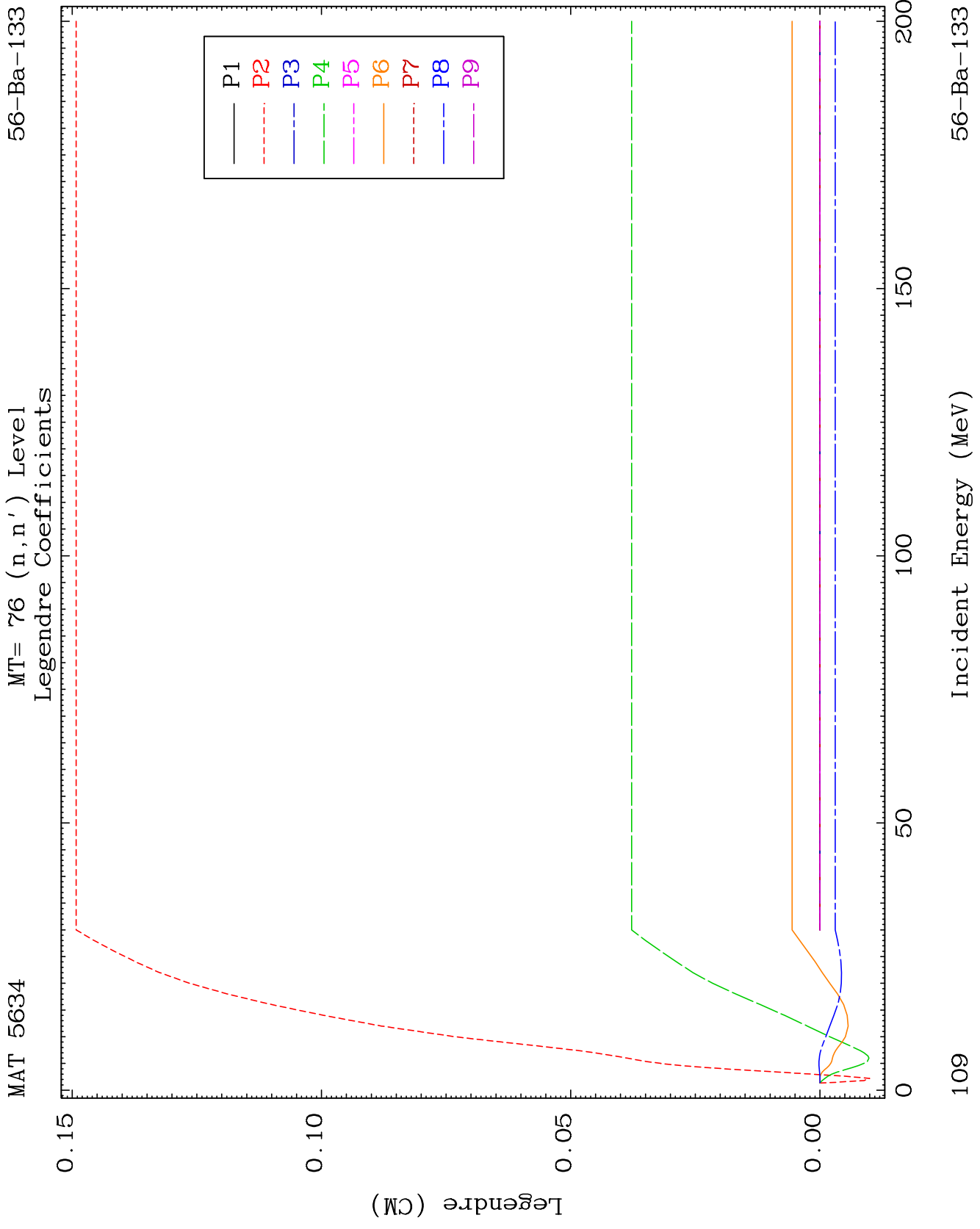


107

Incident Energy (MeV)

56-Ba-133

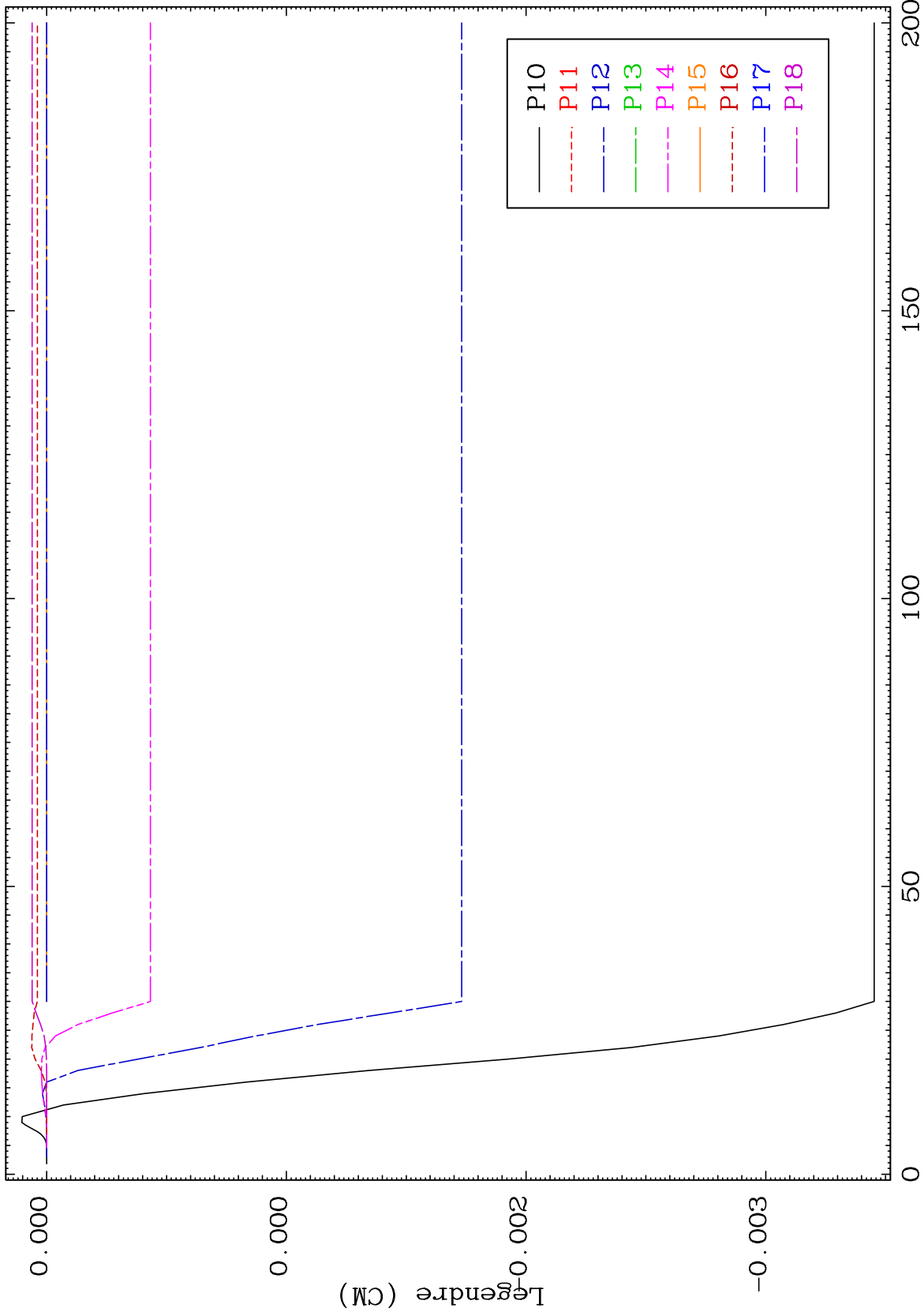




MAT 5634

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

56-Ba-133



110

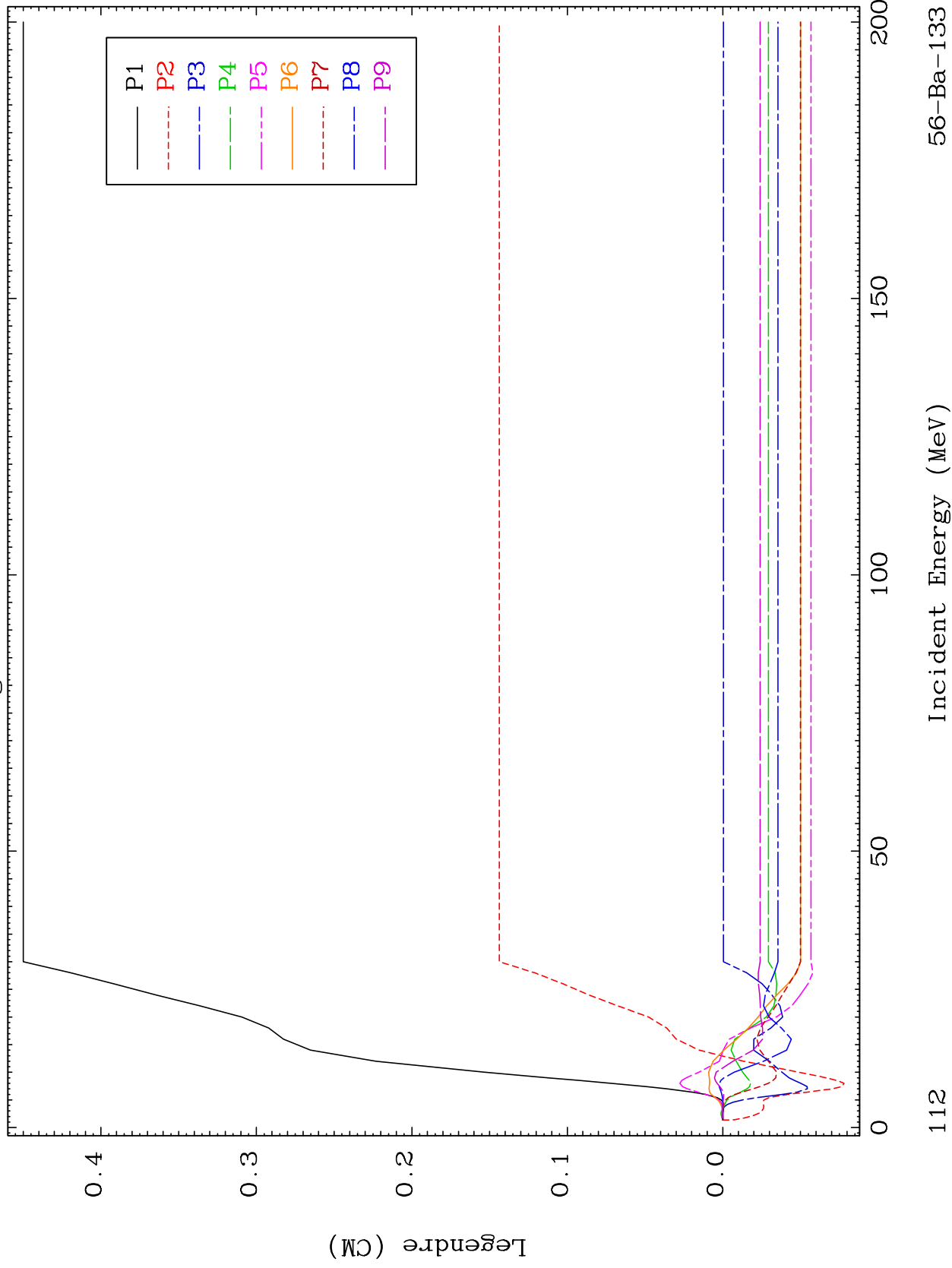
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133

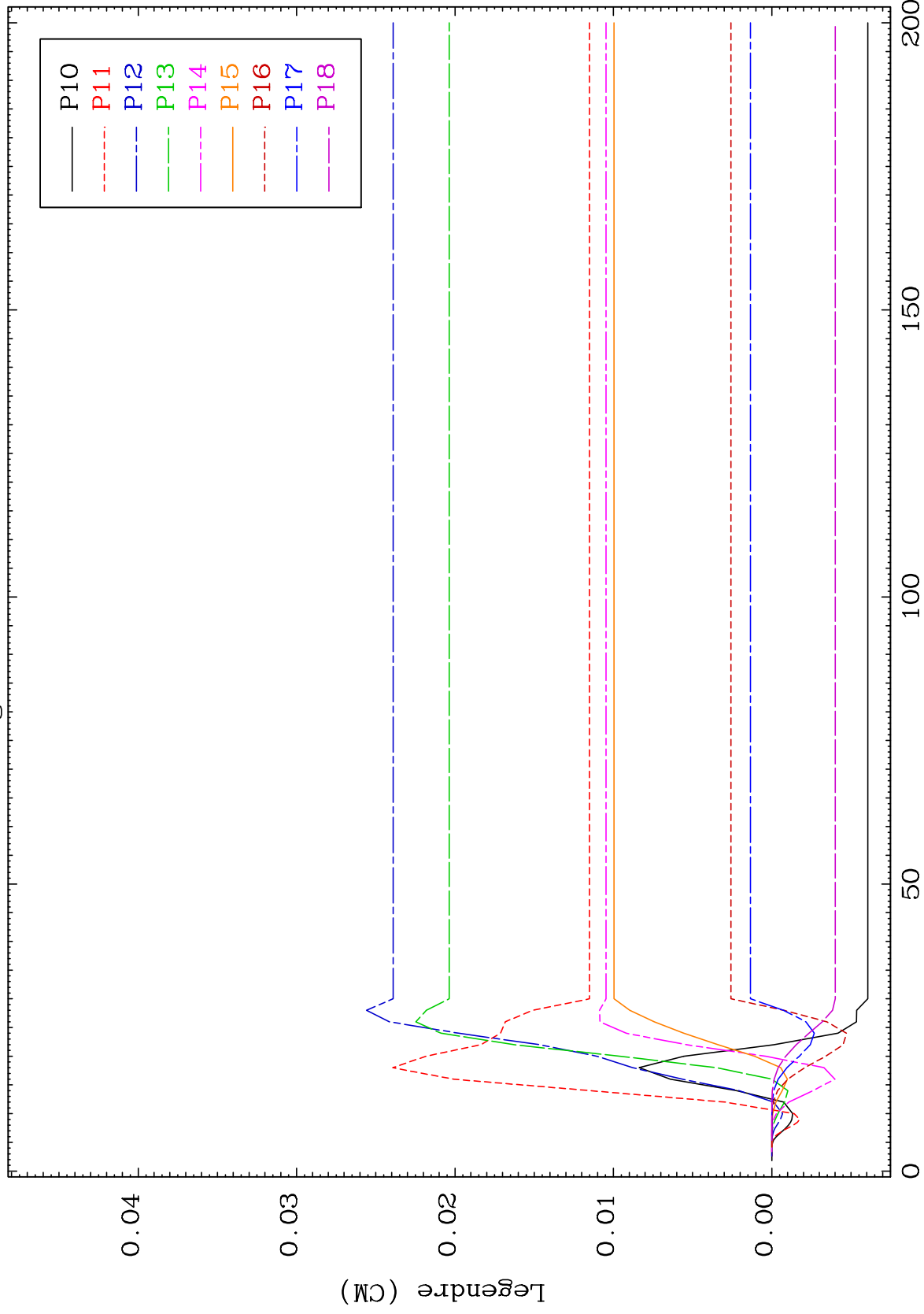


56-Ba-133

MAT 5634

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

56-Ba-133



113

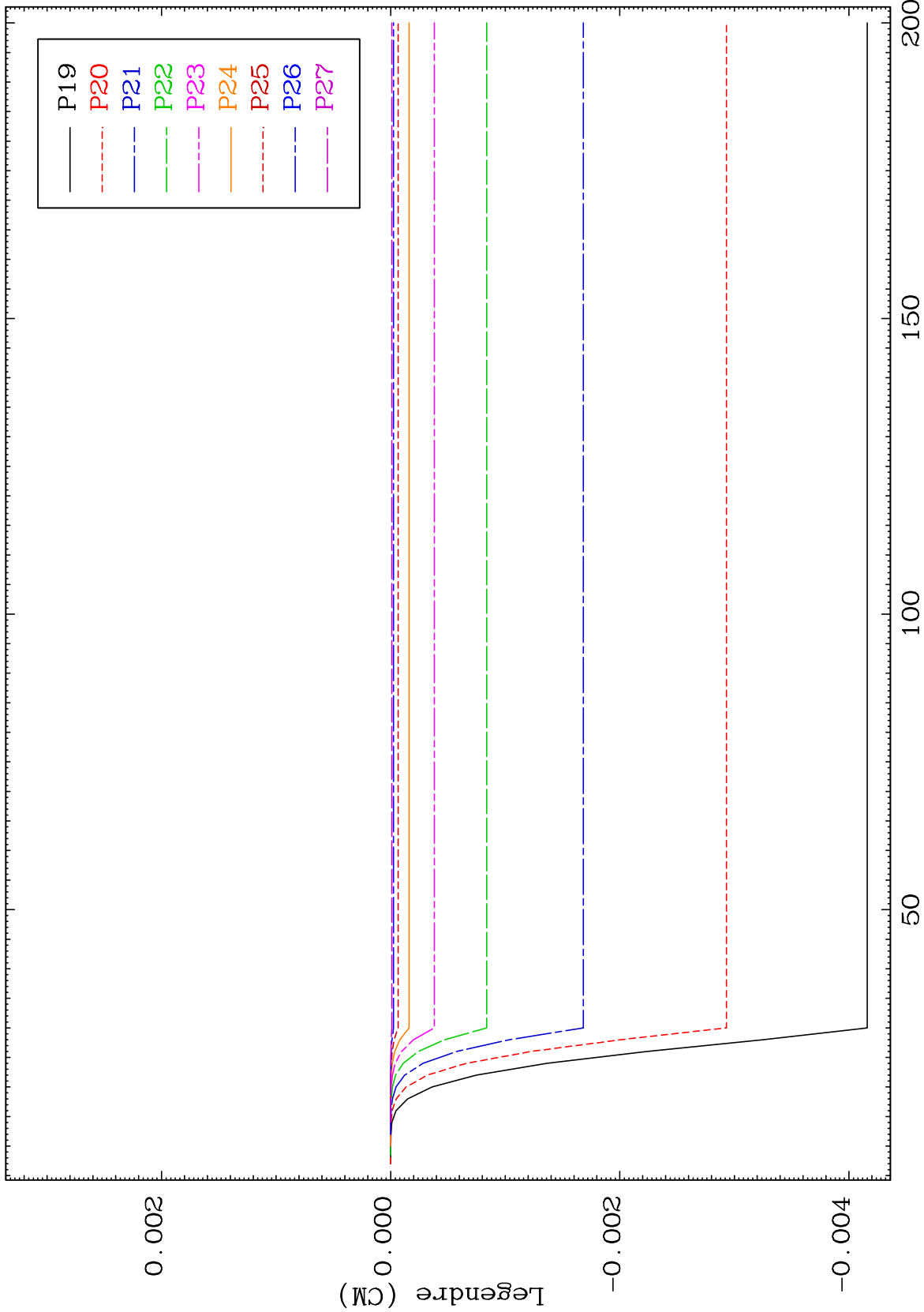
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

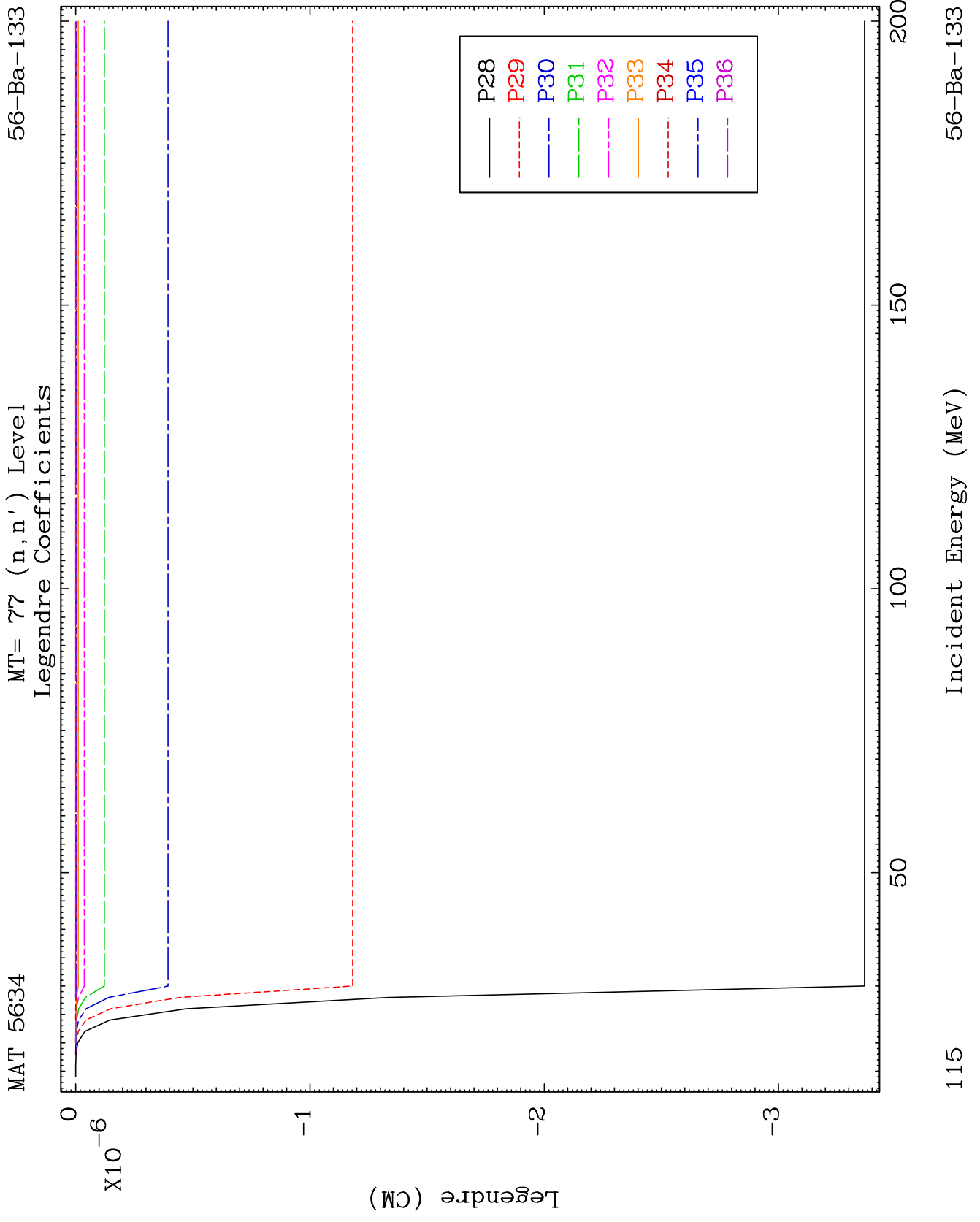
56-Ba-133



114

Incident Energy (MeV)

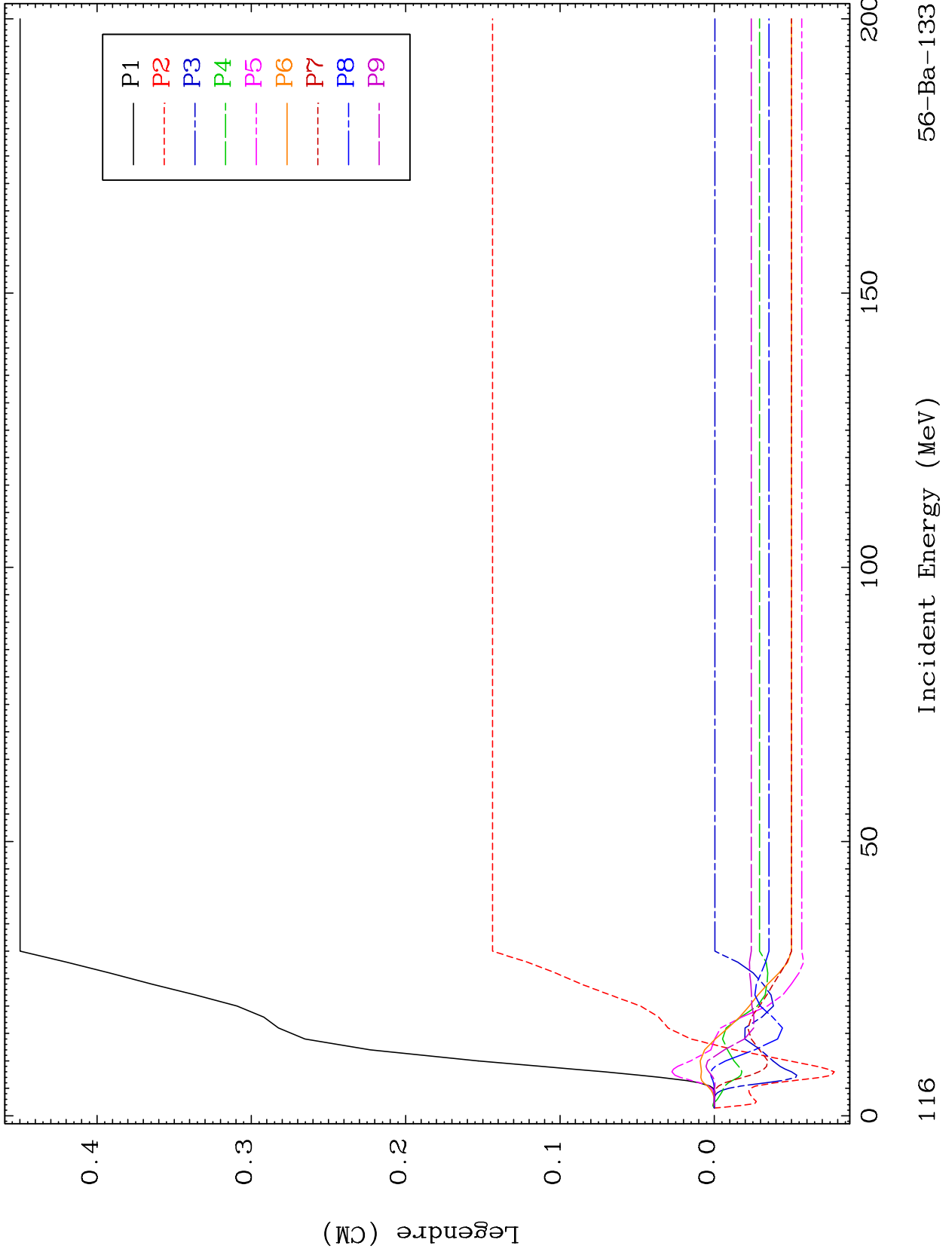
56-Ba-133



MAT 5634

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

56-Ba-133



56-Ba-133

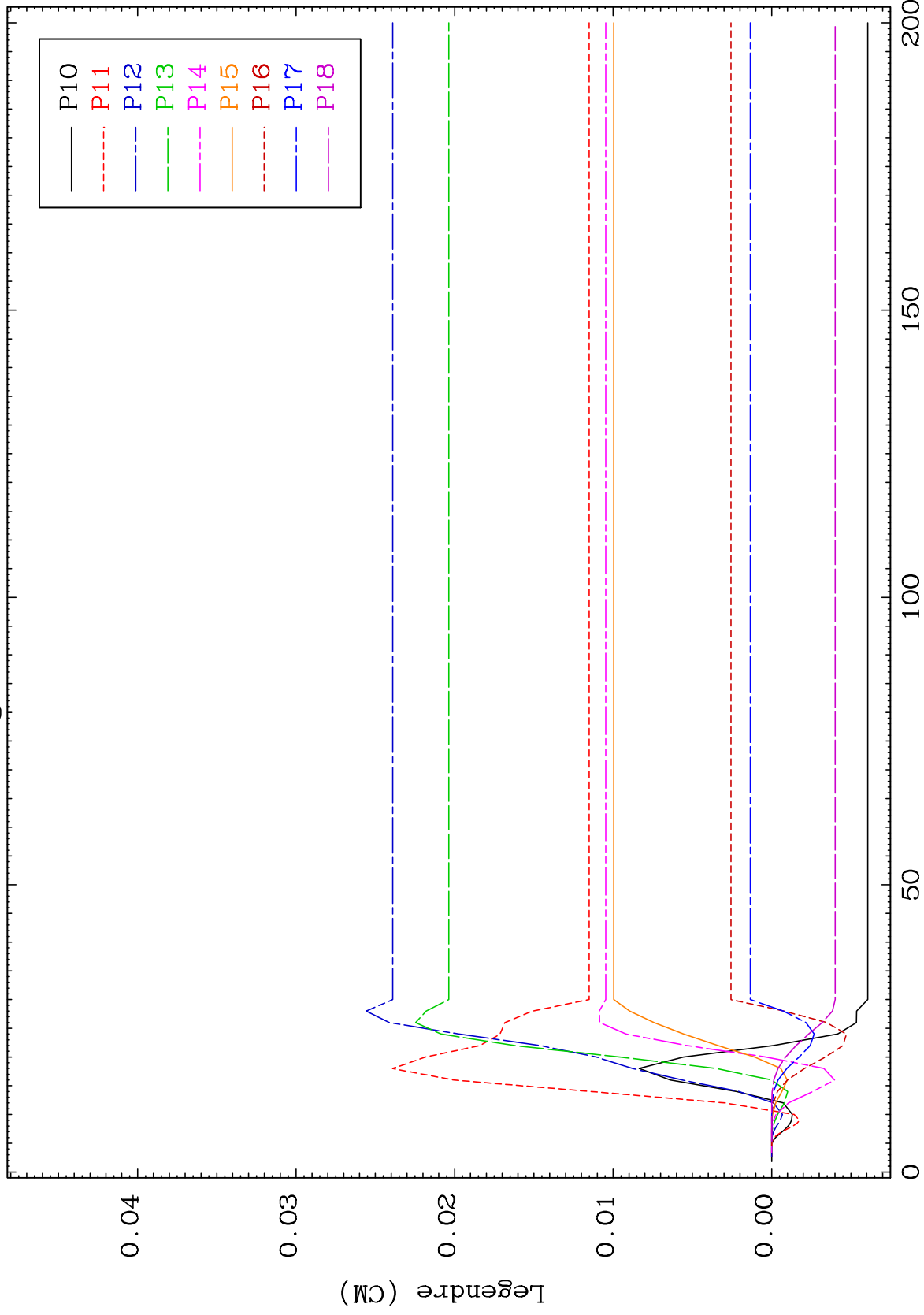
Incident Energy (MeV)

116

MAT 5634

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

56-Ba-133



117

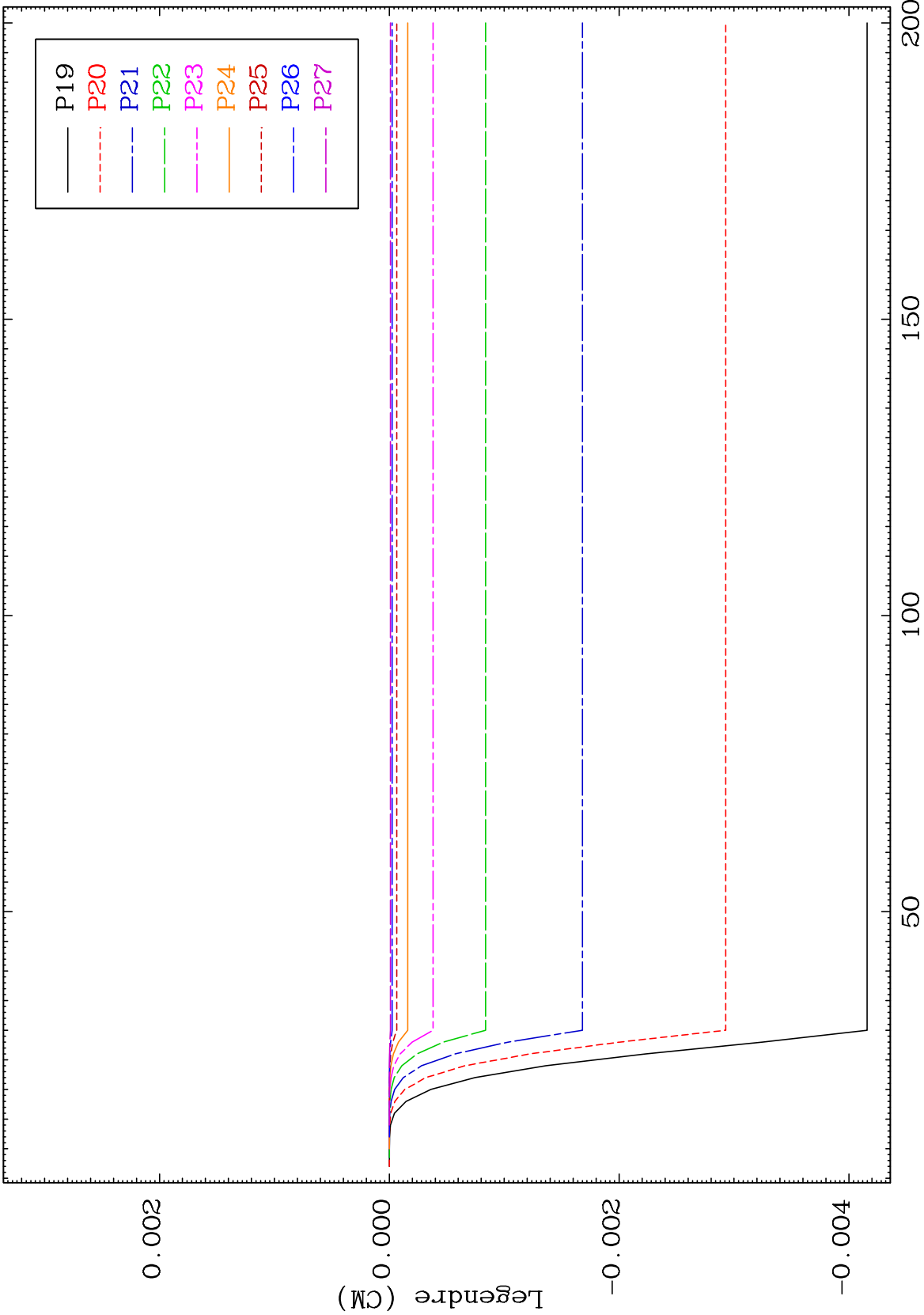
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



118

Incident Energy (MeV)

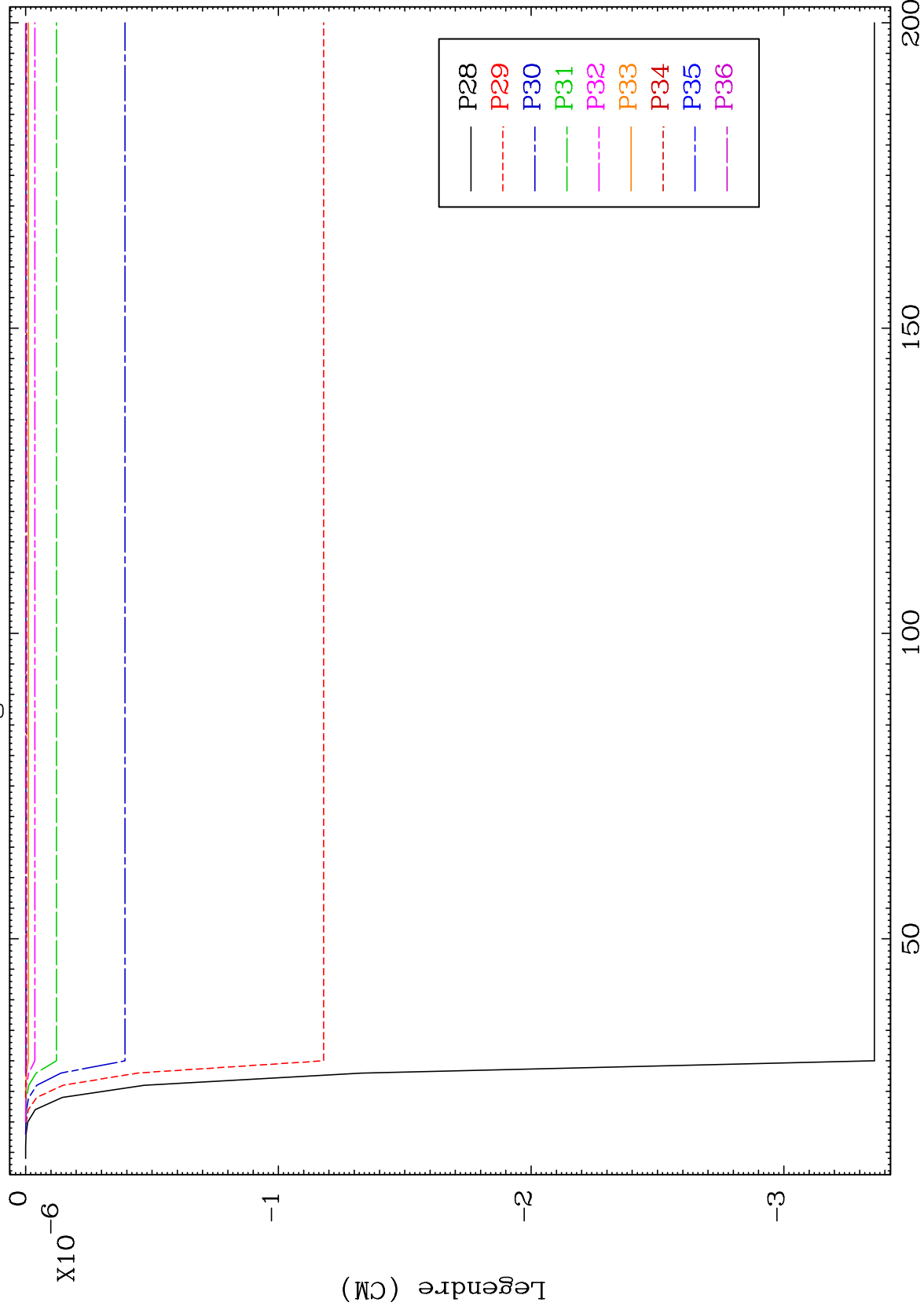
56-Ba-133

MAT 5634

MT= 78 (n,n') Level

56-Ba-133

Legendre Coefficients



56-Ba-133

Incident Energy (MeV)

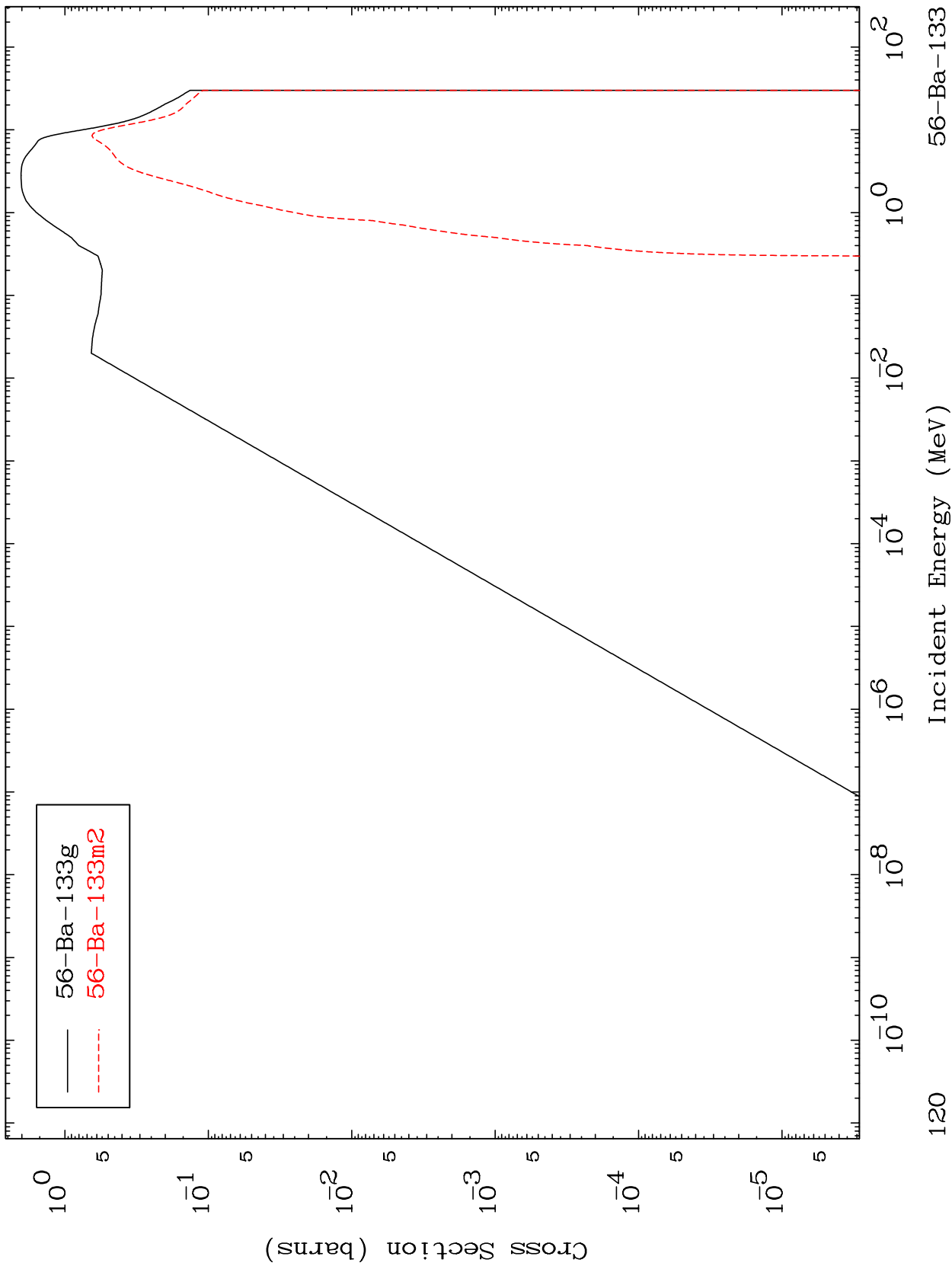
119

MAT 5634

Inelastic

56-Ba-133

Radionuclide Production Cross Section



56-Ba-133g
56-Ba-133m2

120

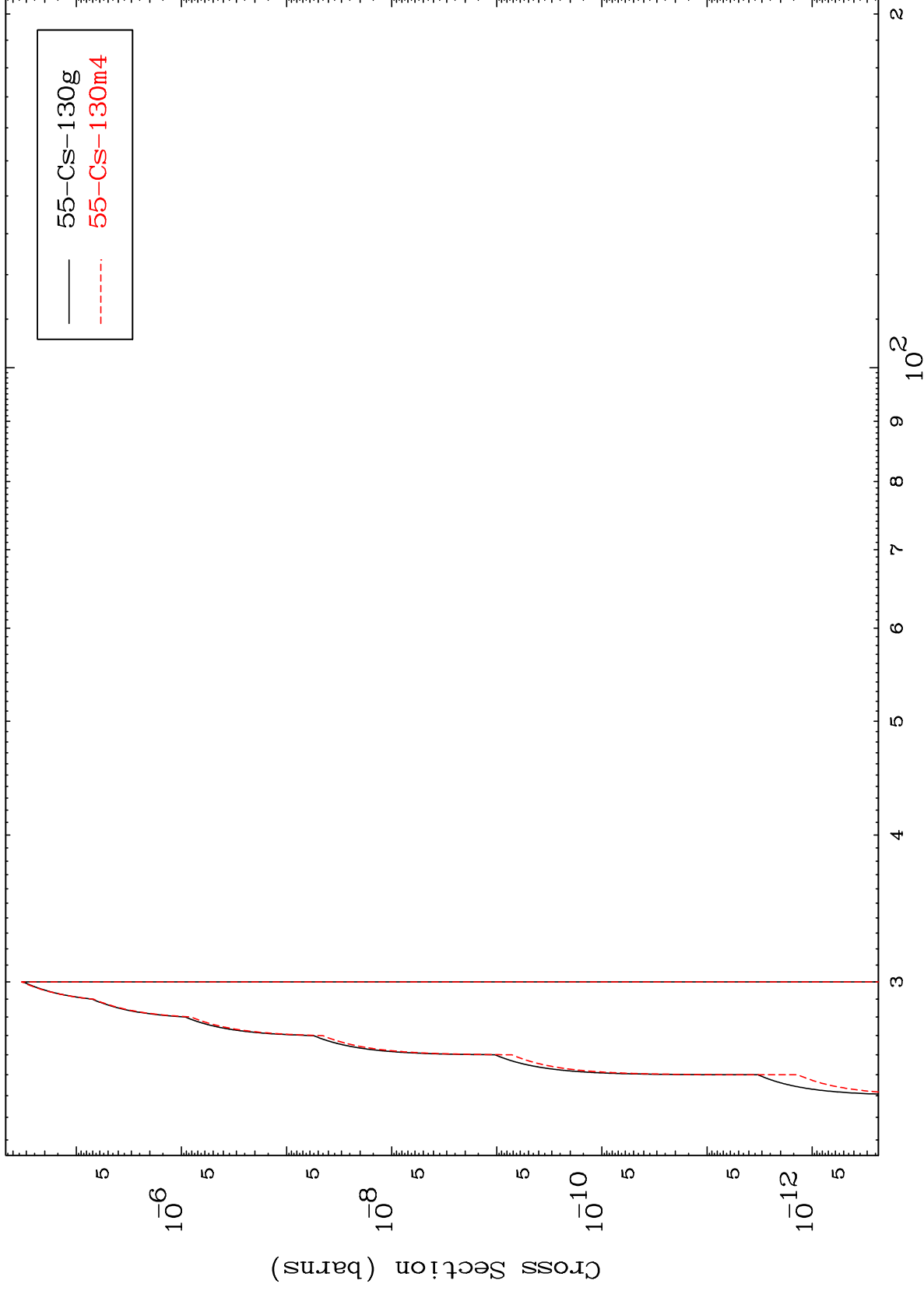
56-Ba-133

MAT 5634

(n,2n) d

56-Ba-133

Radionuclide Production Cross Section



121

Incident Energy (MeV)

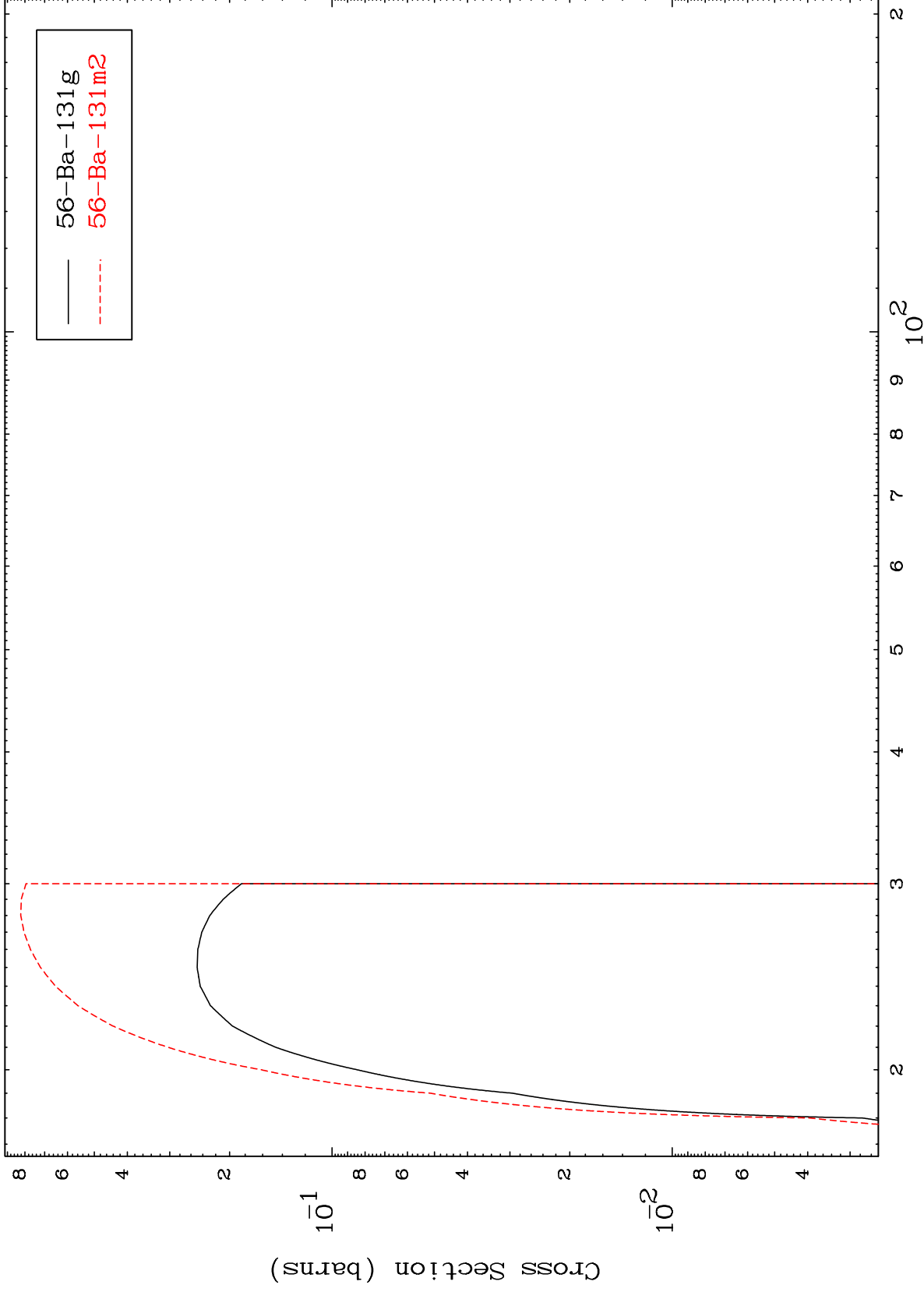
56-Ba-133

MAT 5634

(n,3n)

56-Ba-133

Radionuclide Production Cross Section



122

Incident Energy (MeV)

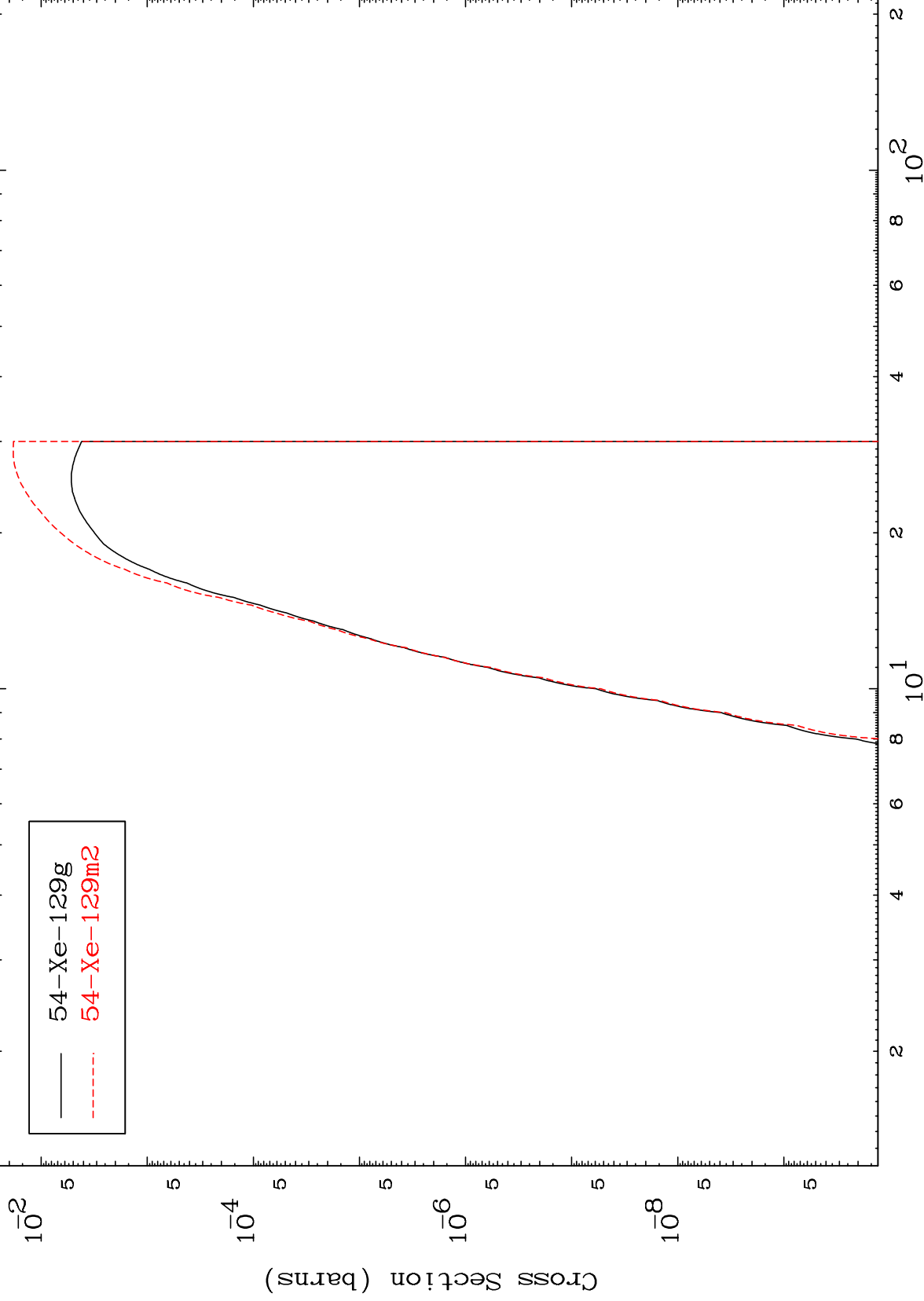
56-Ba-133

MAT 5634

(n,n') α

56-Ba-133

Radionuclide Production Cross Section



54-Xe-129g
54-Xe-129m2

123

Incident Energy (MeV)

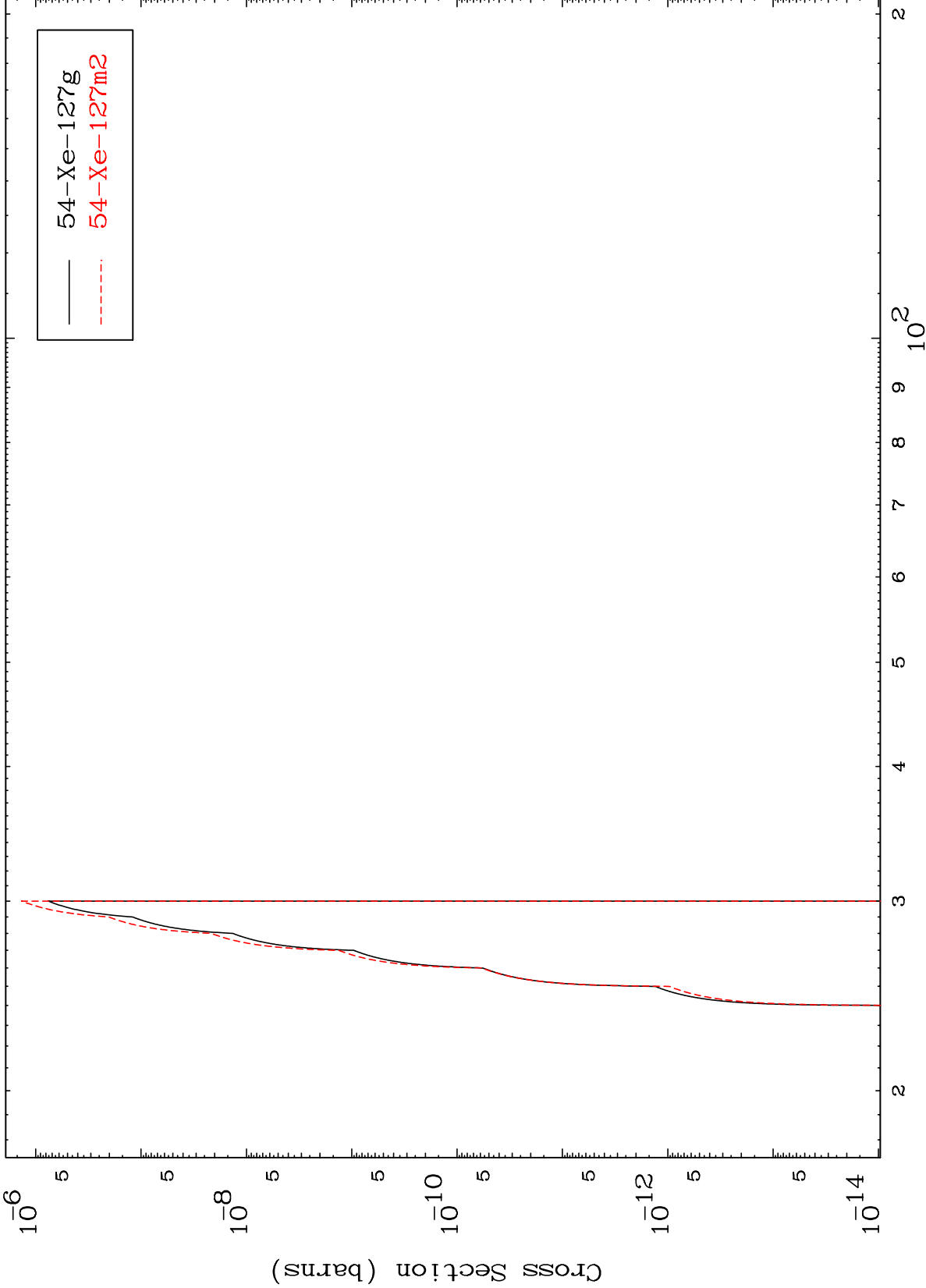
56-Ba-133

MAT 5634

(n,3n) α

56-Ba-133

Radionuclide Production Cross Section



54-Xe-127g
54-Xe-127m2

124

Incident Energy (MeV)

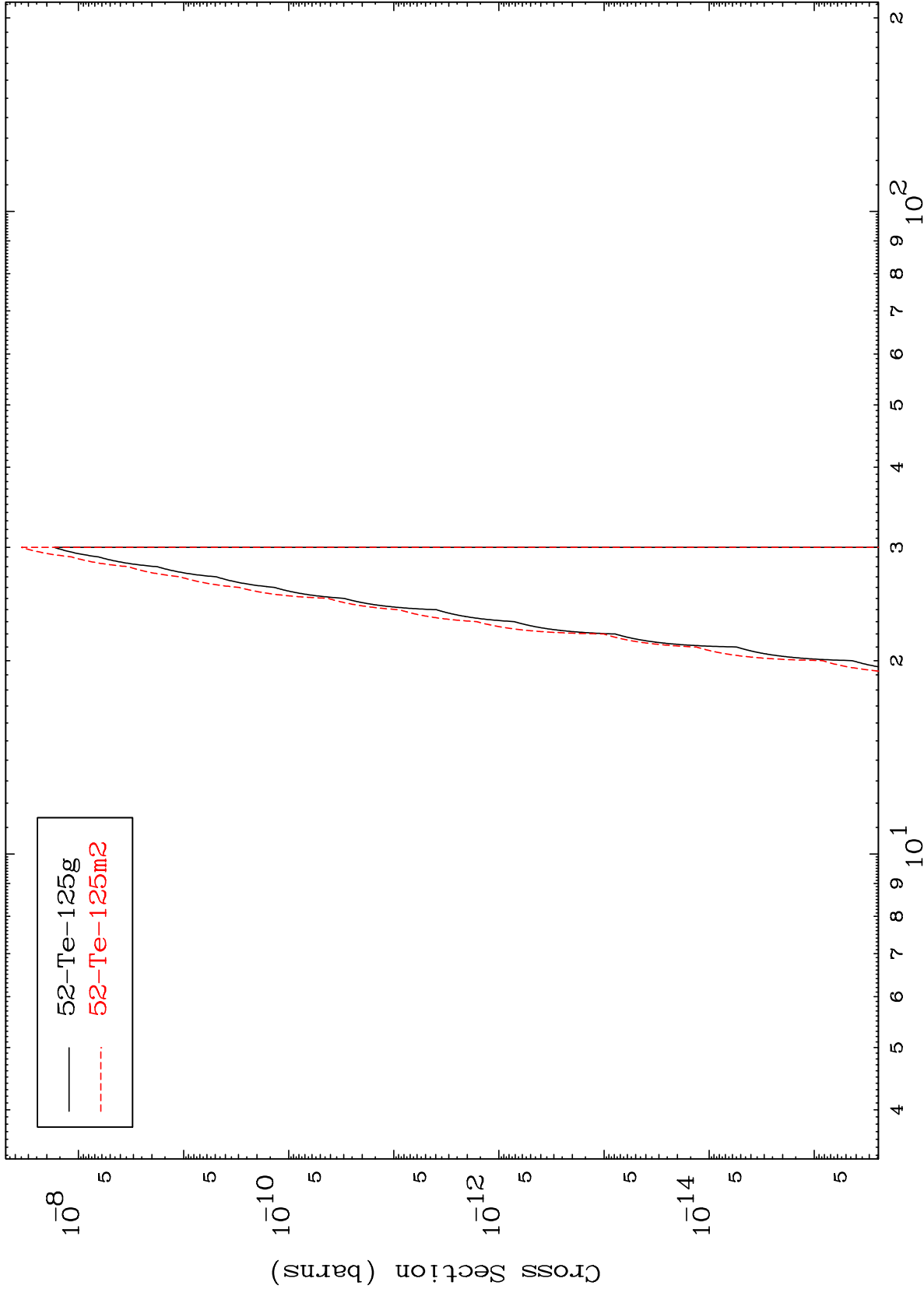
56-Ba-133

MAT 5634

(n,n') 2α

56-Ba-133

Radionuclide Production Cross Section

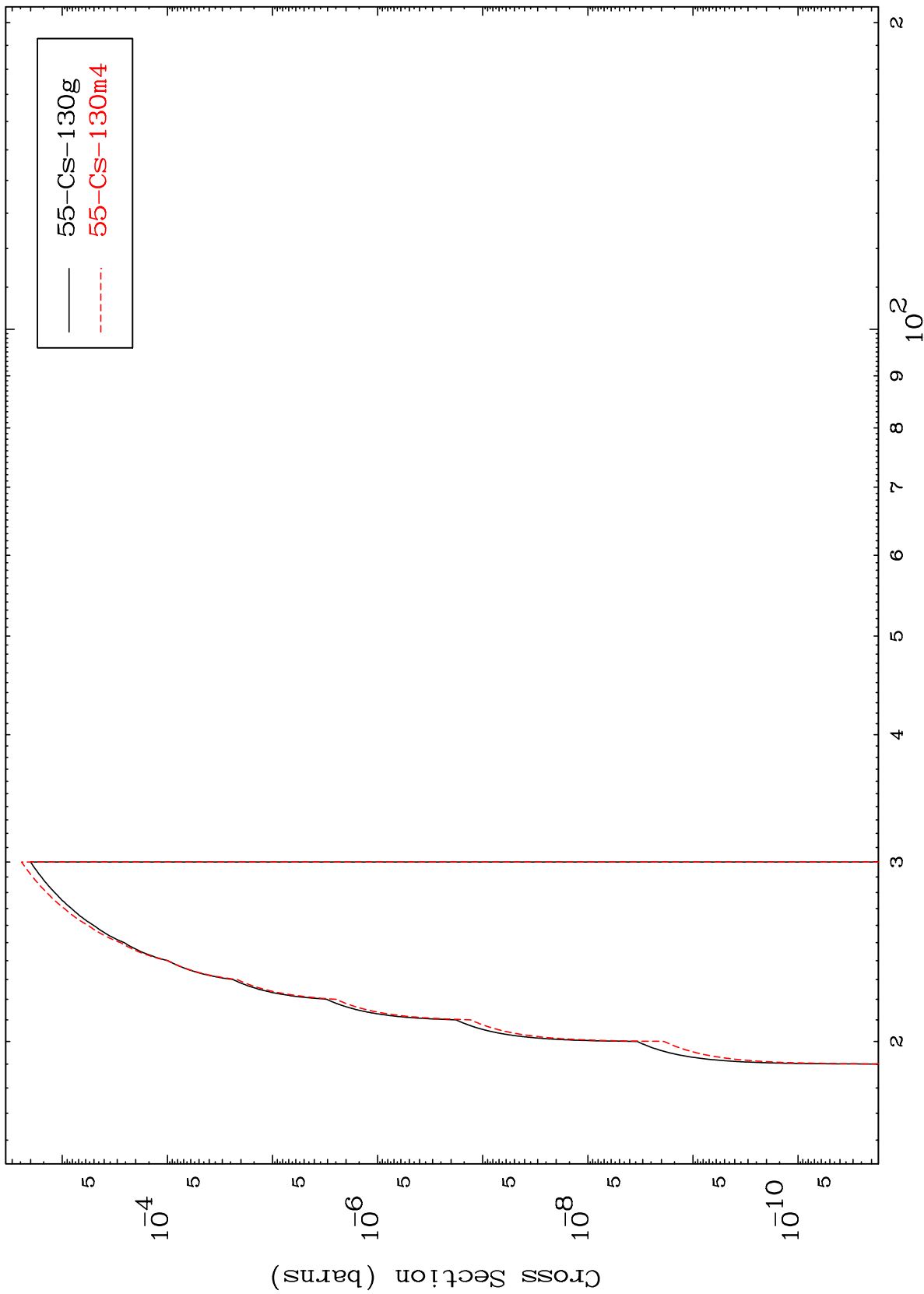


125

Incident Energy (MeV)

56-Ba-133

Radionuclide Production Cross Section

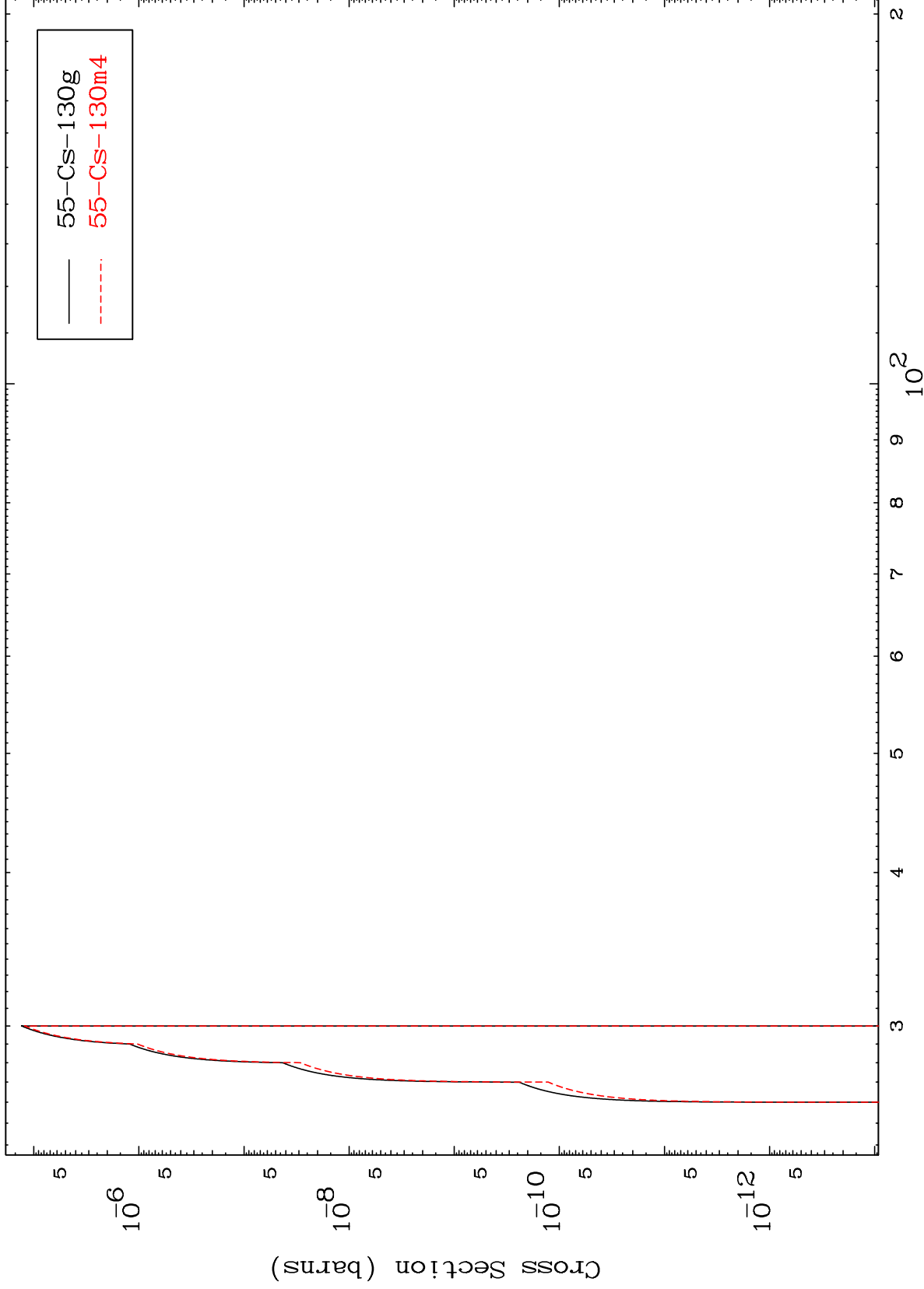


MAT 5634

(n,3n) p

56-Ba-133

Radionuclide Production Cross Section



127

Incident Energy (MeV)

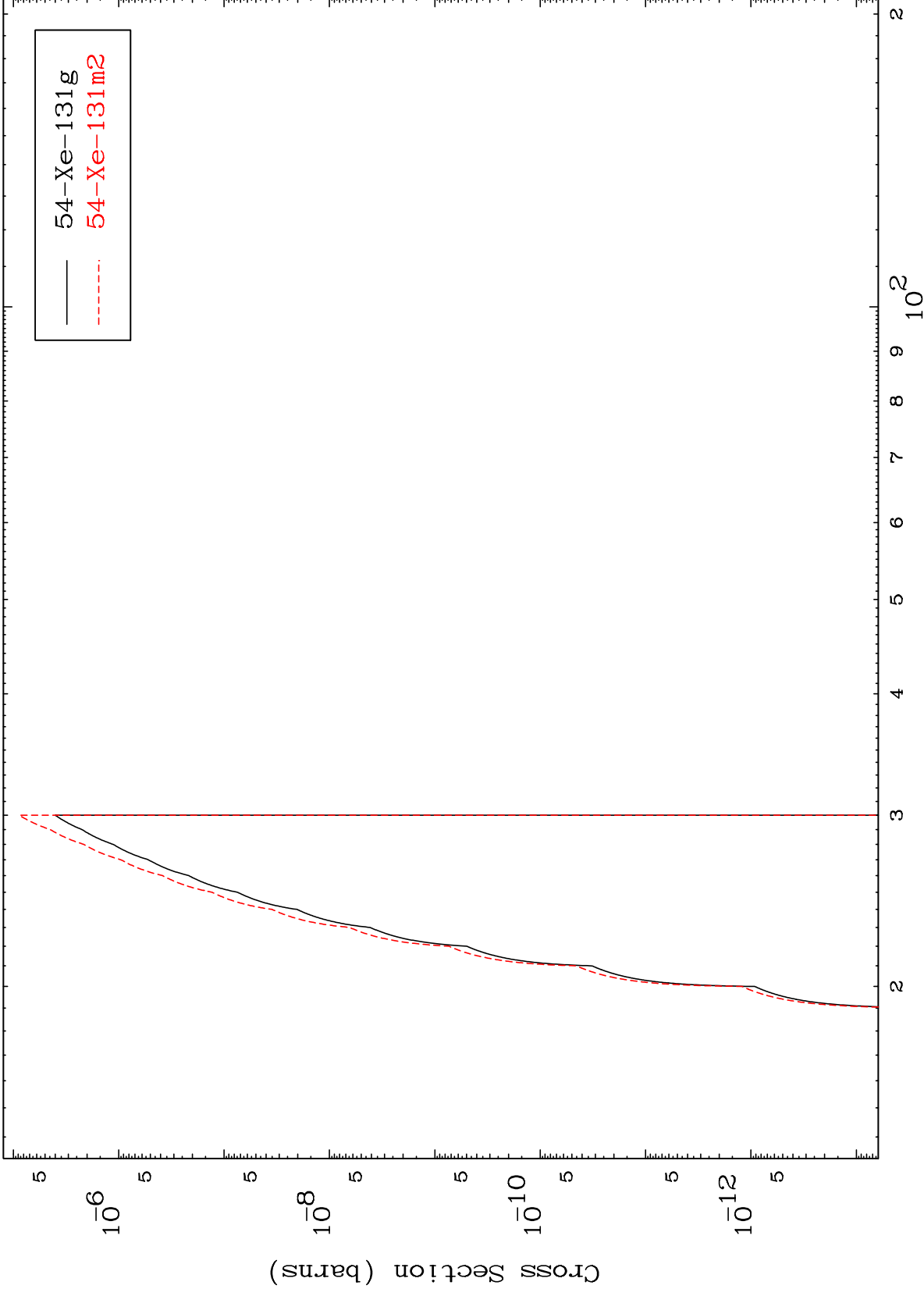
56-Ba-133

MAT 5634

(n,2n) p

56-Ba-133

Radionuclide Production Cross Section



128

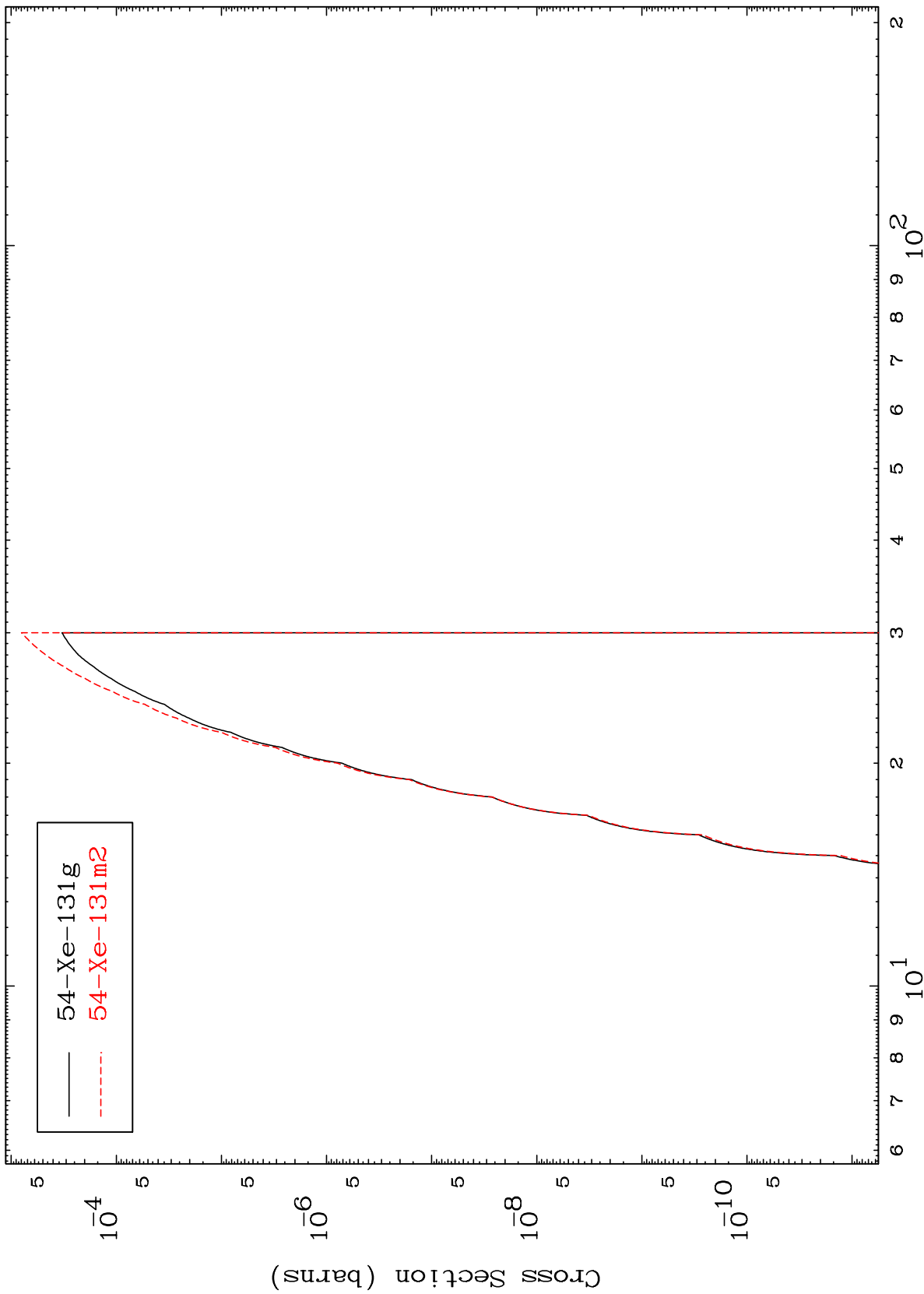
Incident Energy (MeV)

56-Ba-133

MAT 5634

56-Ba-133

Radionuclide Production Cross Section
(n,He-3)



129

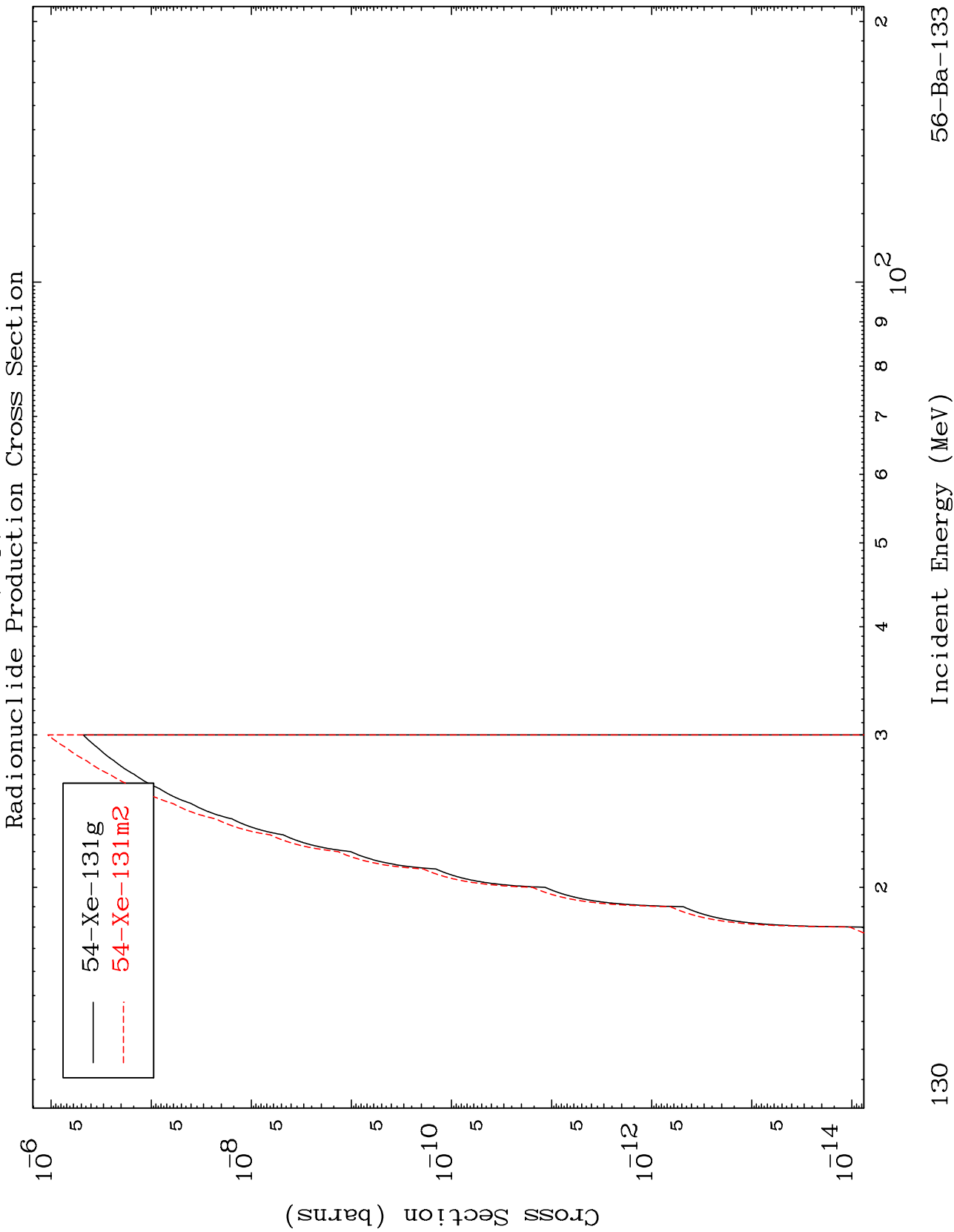
56-Ba-133

Incident Energy (MeV)

MAT 5634

(n,p) d

56-Ba-133



130