

Program EVALPLOT
(Version 2021-1)

by

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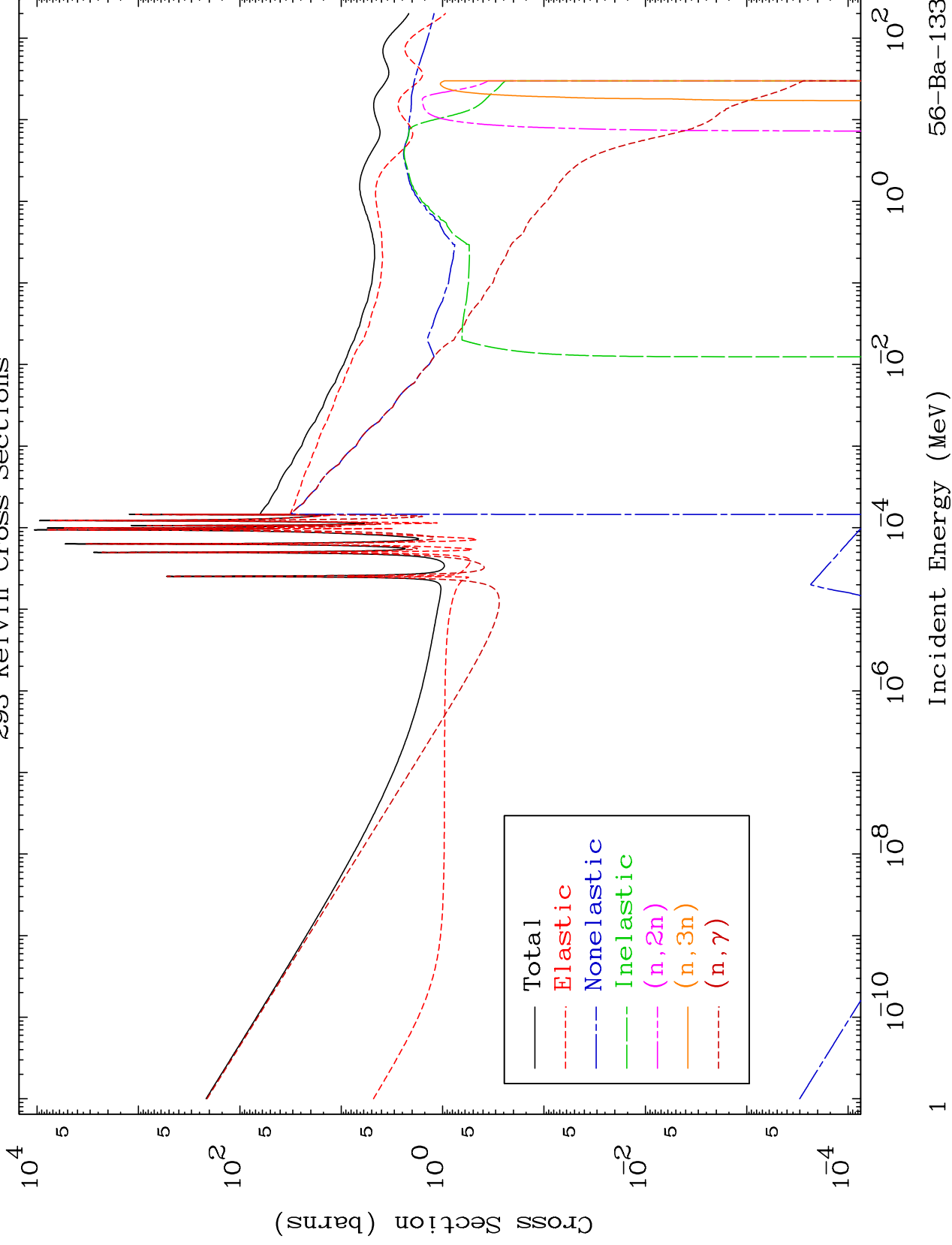
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Press Mouse Button to Start

MAT 5634

Neutron Major
293 Kelvin Cross Sections

56-Ba-133



56-Ba-133

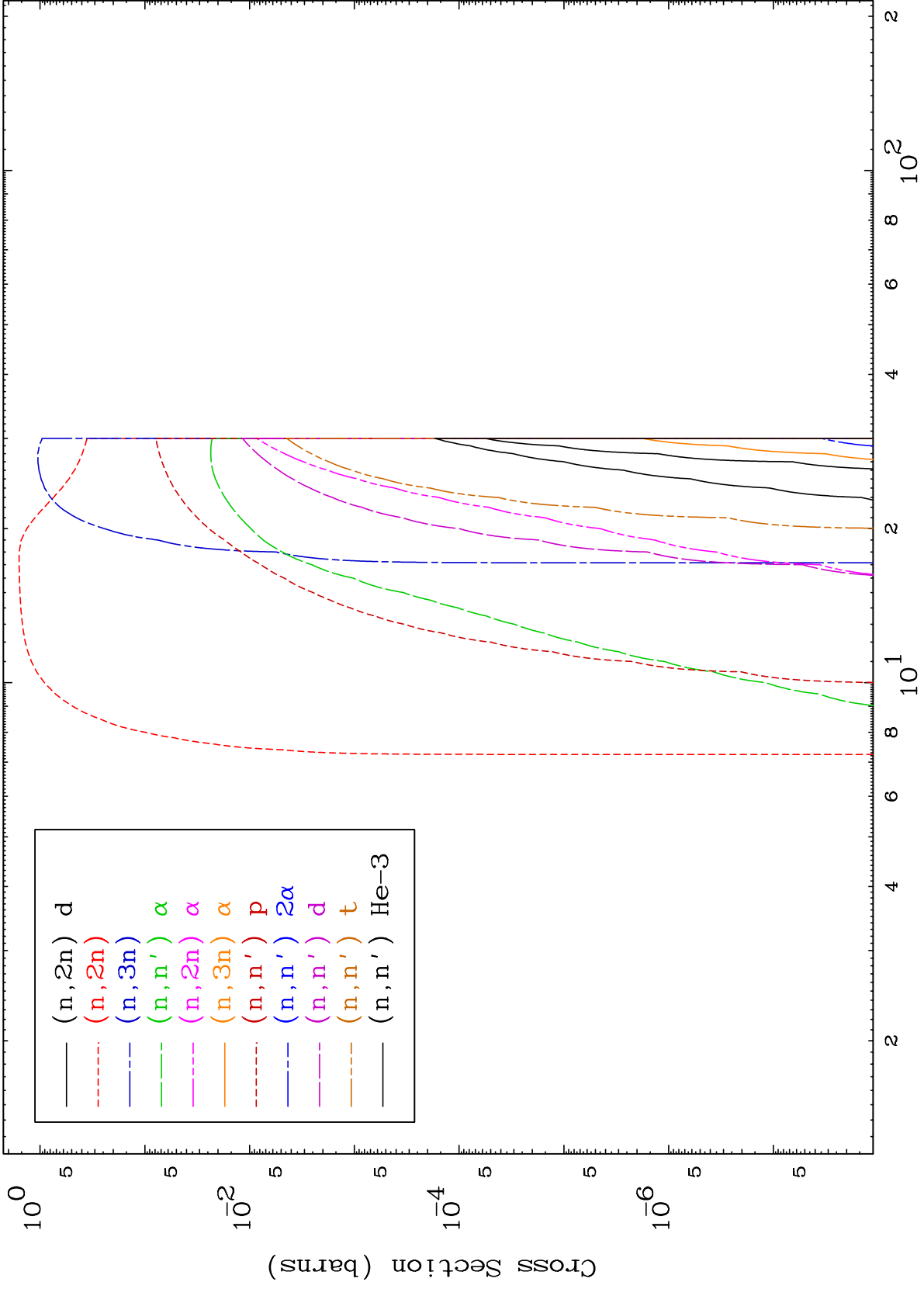
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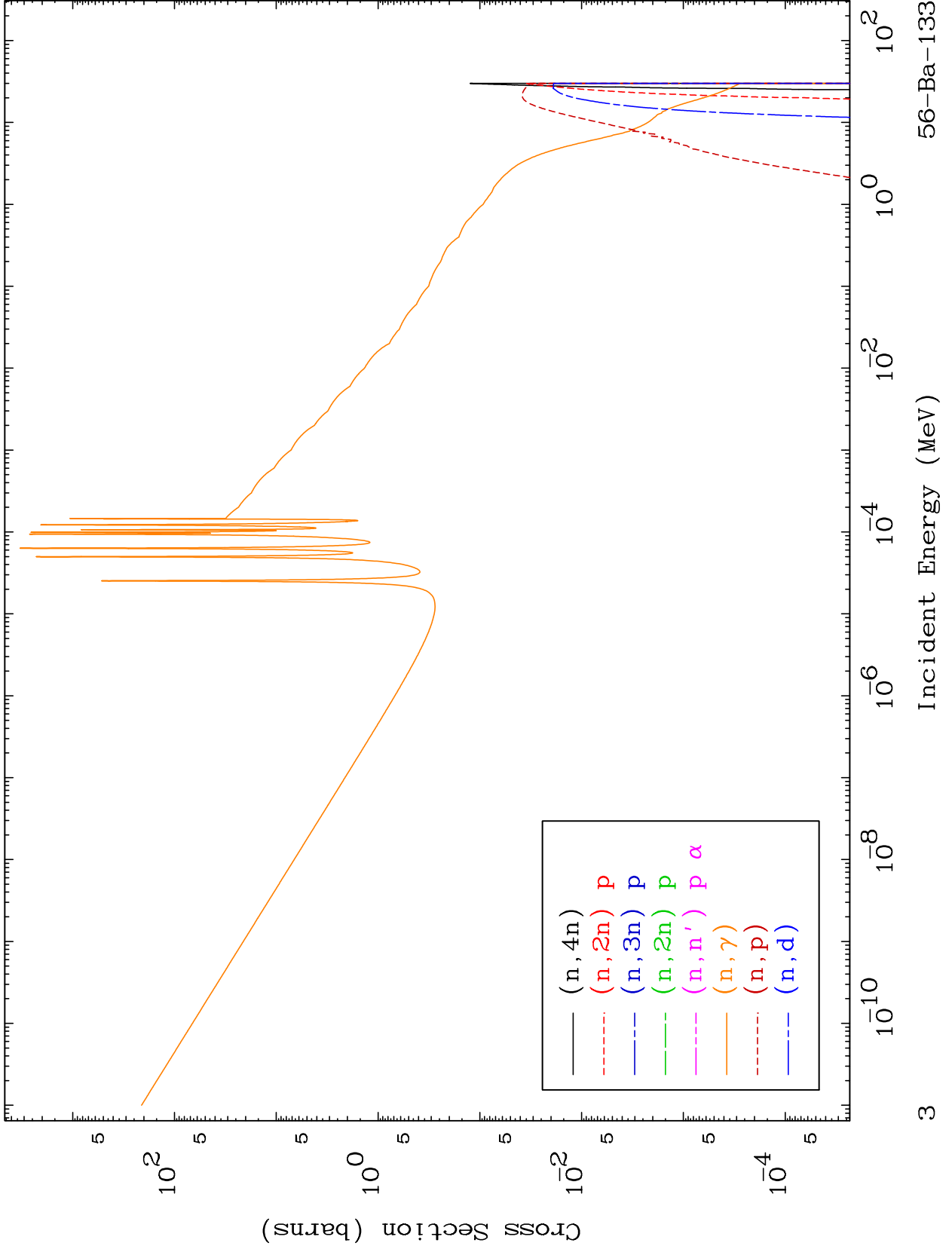
1

MAT 5634

Neutron Absorption
293 Kelvin Cross Sections

56-Ba-133

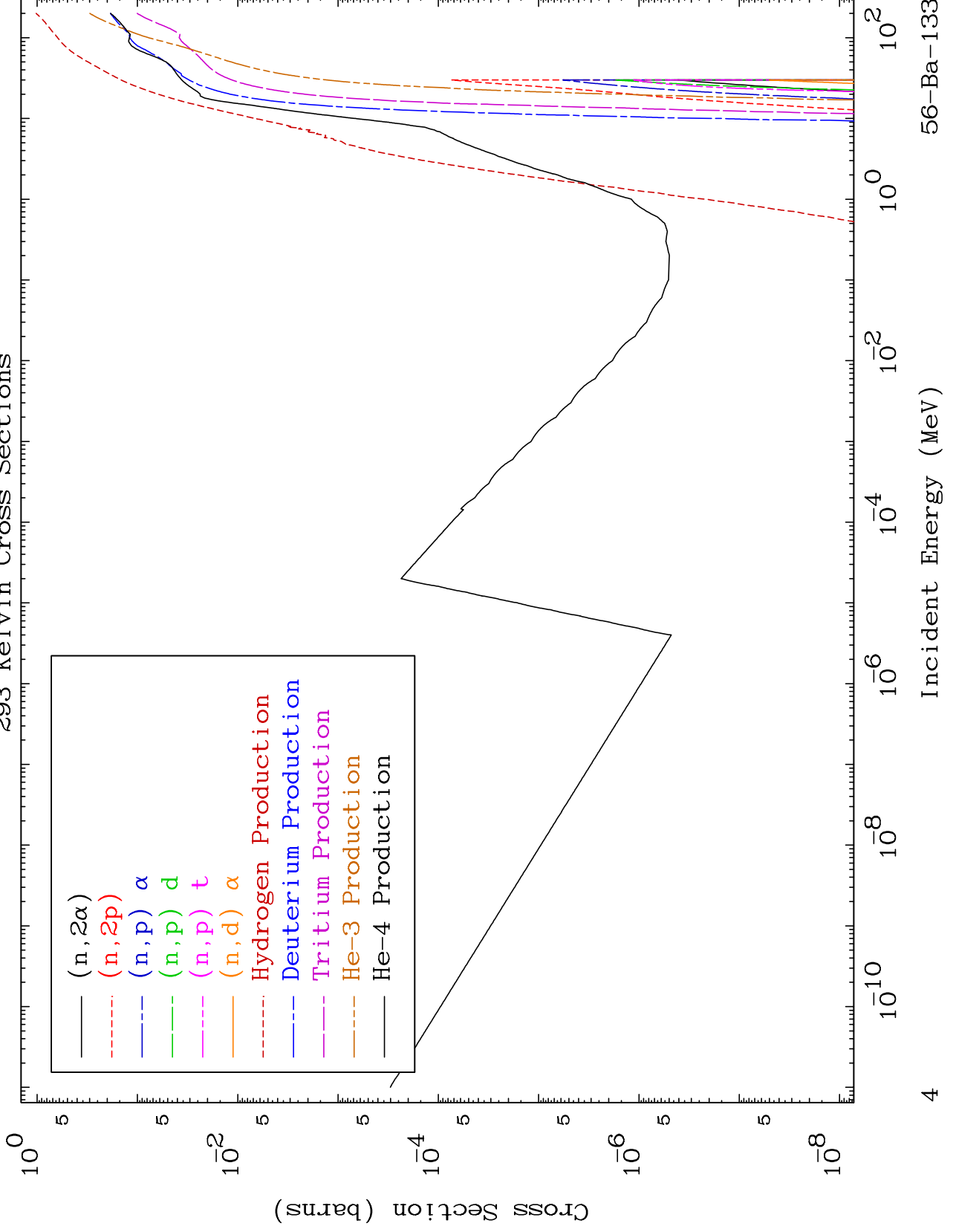




MAT 5634

Neutron Absorption
293 Kelvin Cross Sections

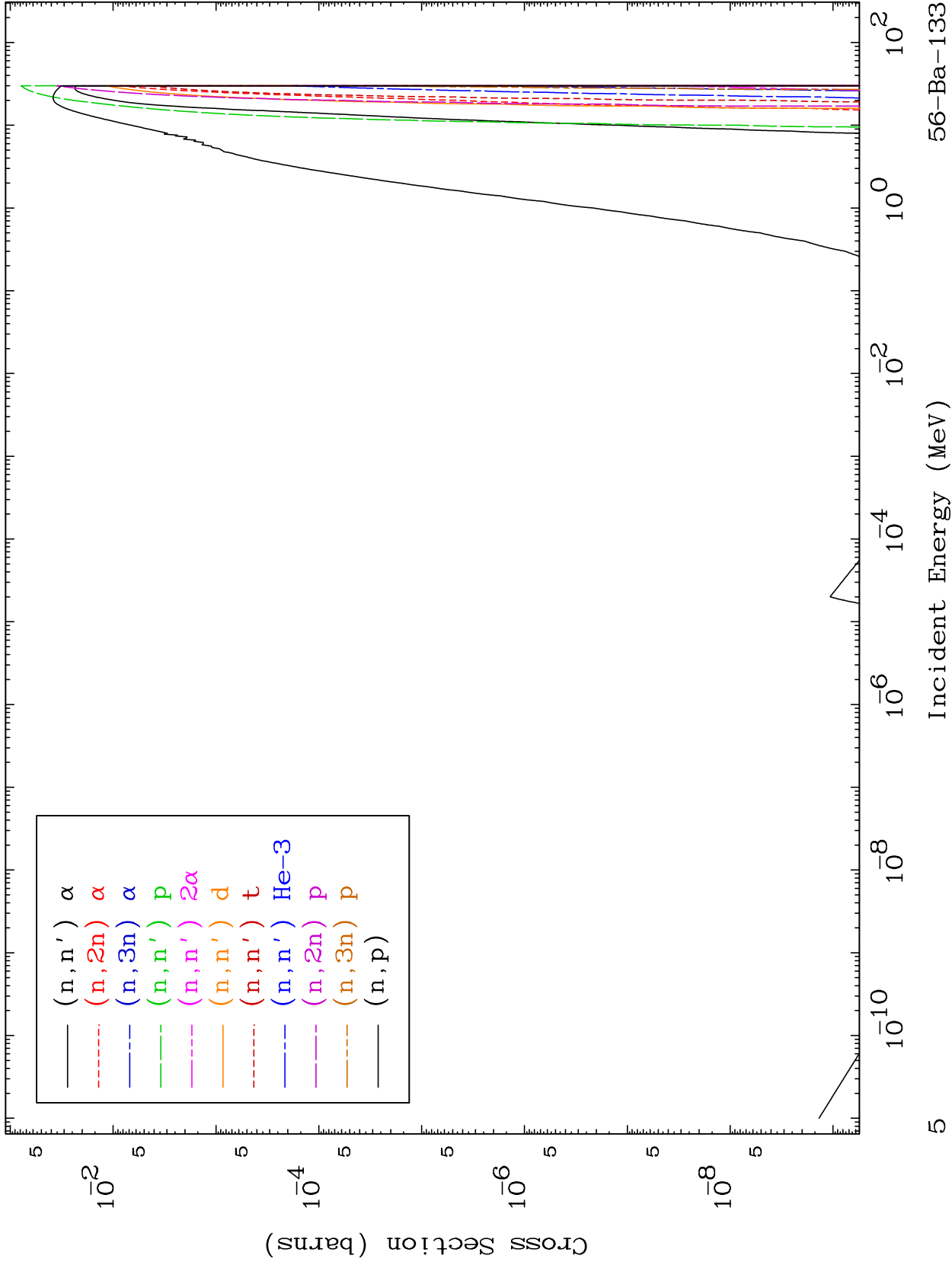
56-Ba-133



MAT 5634

Charged Particle
293 Kelvin Cross Sections

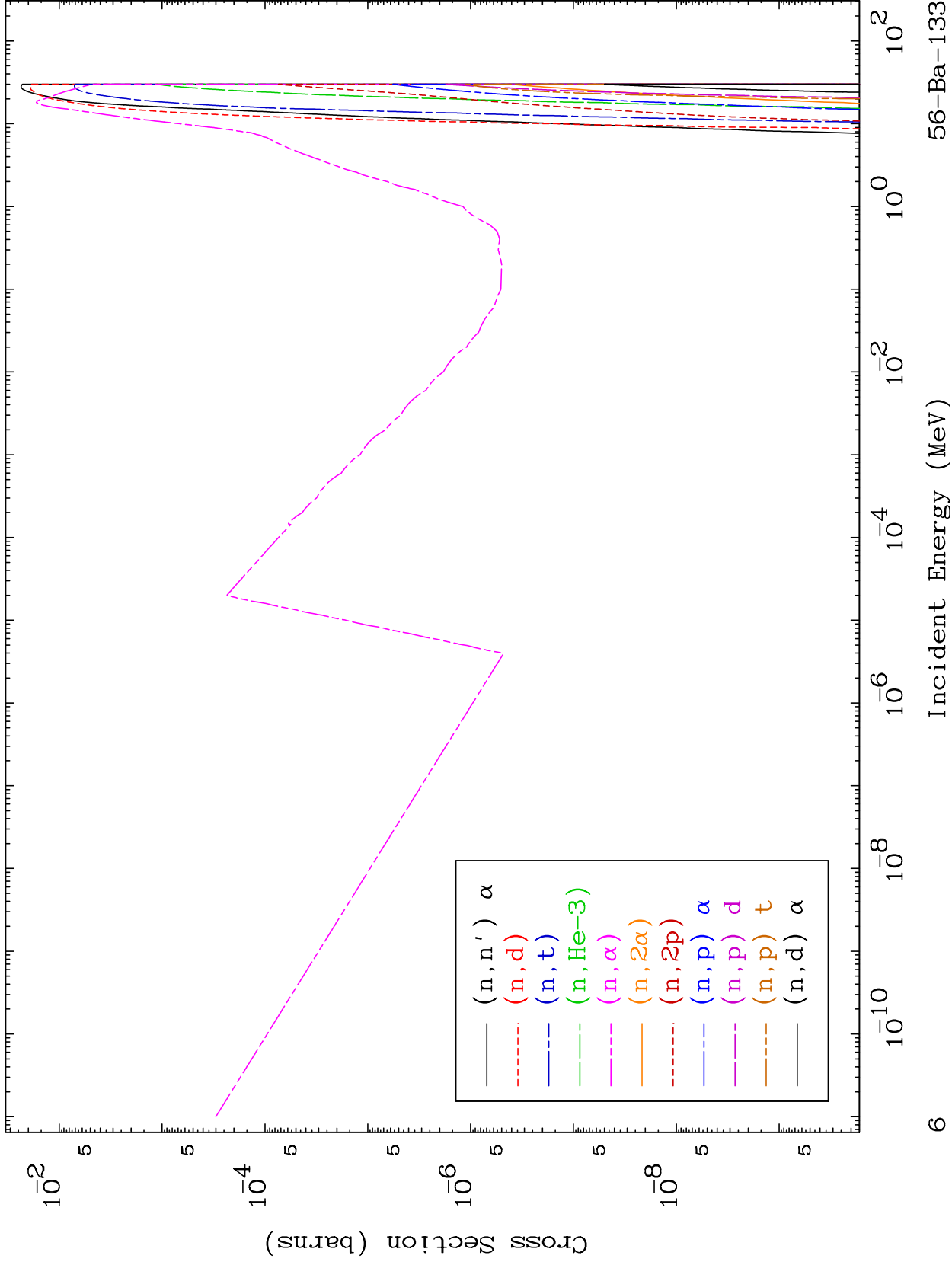
56-Ba-133



MAT 5634

Charged Particle
293 Kelvin Cross Sections

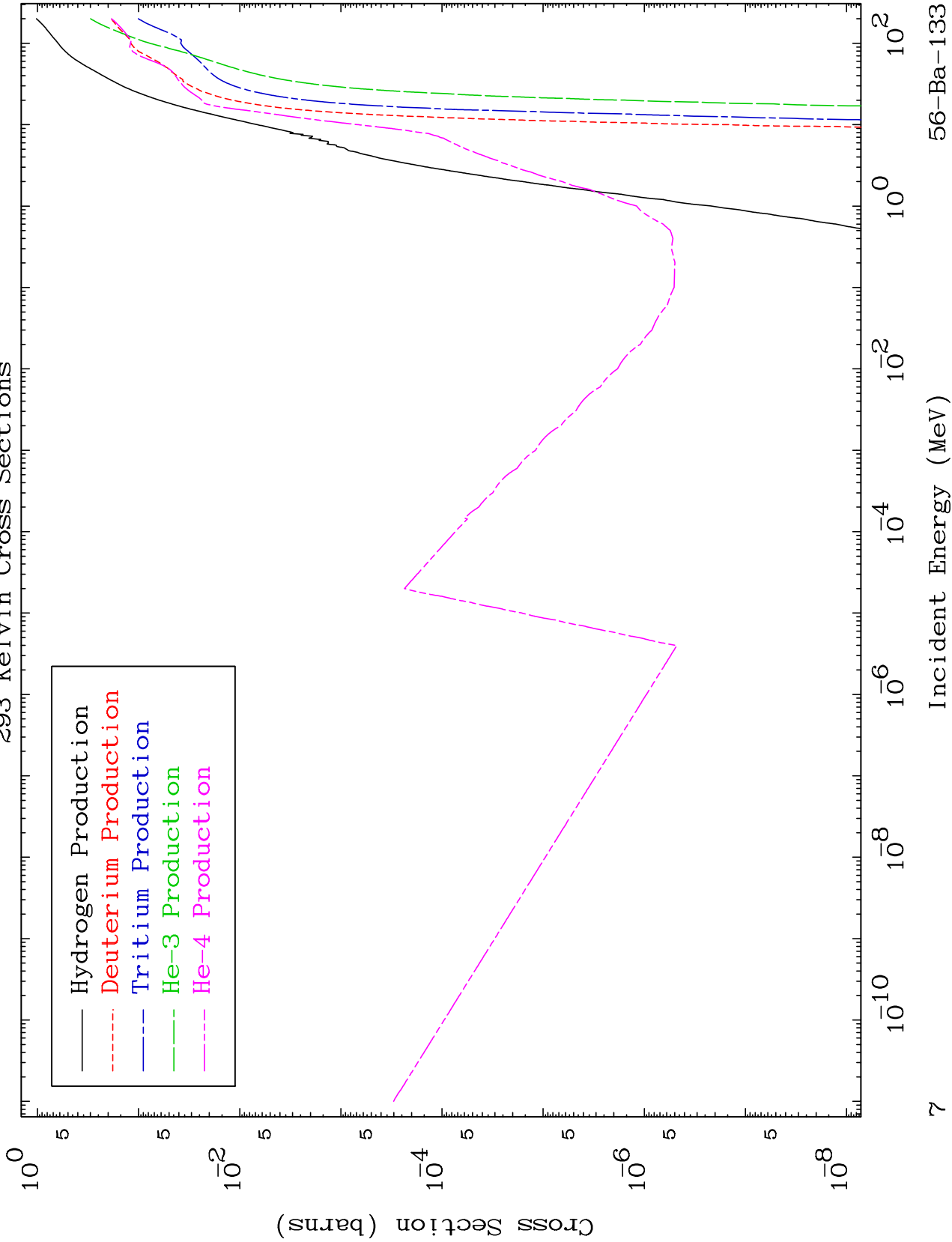
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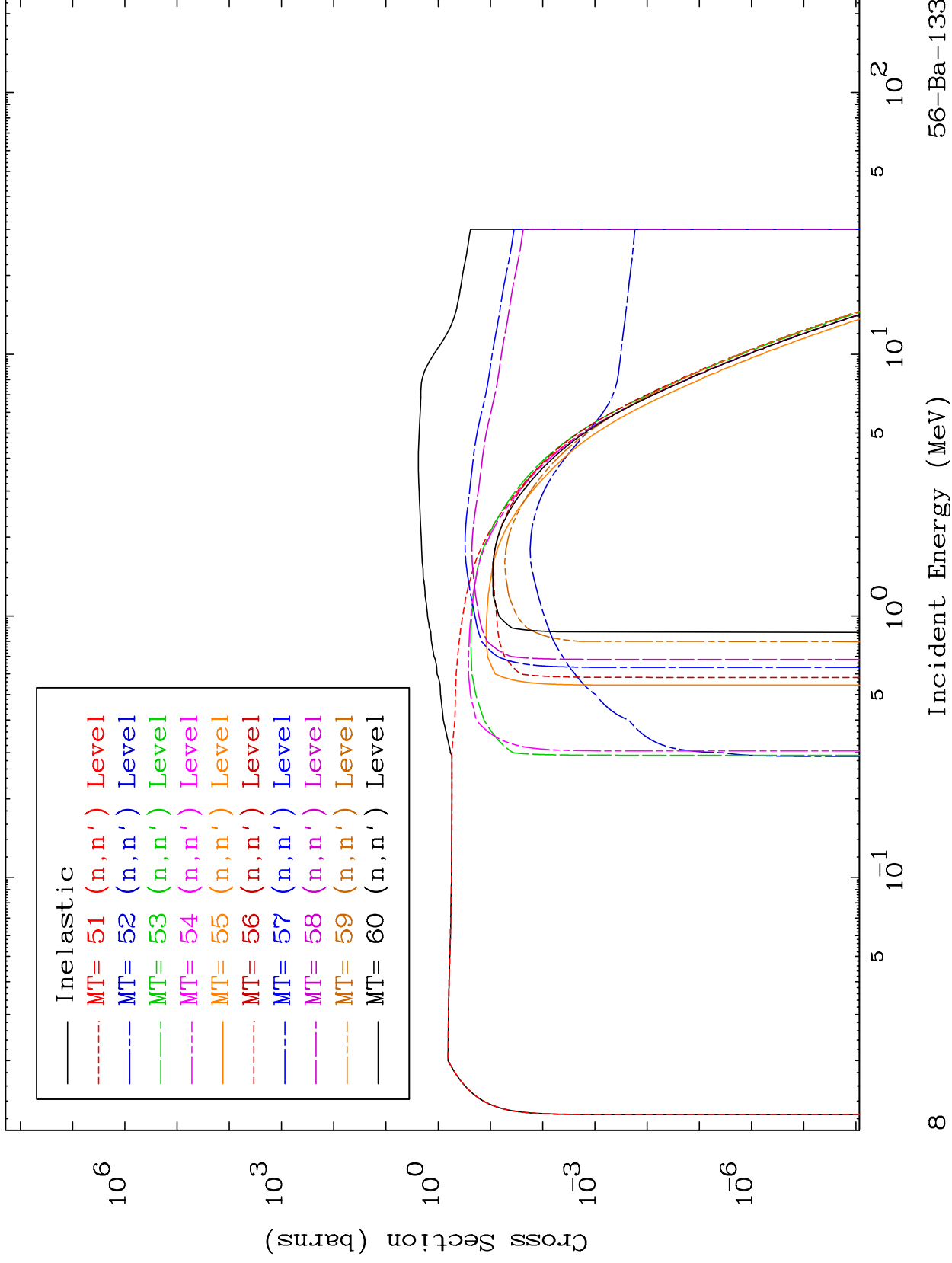


MAT 5634

Particle Production
293 Kelvin Cross Sections

56-Ba-133

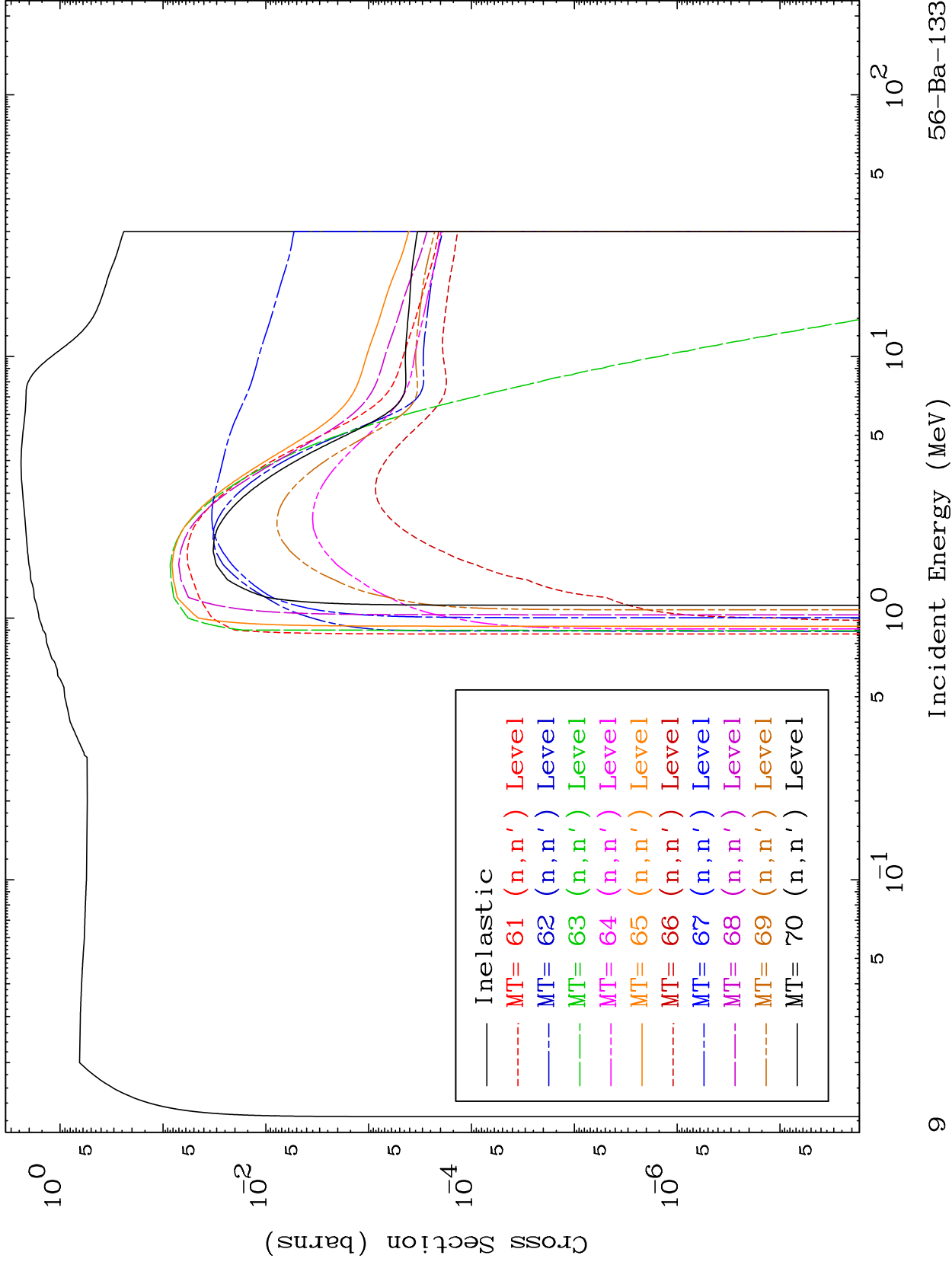




MAT 5634

(n,n') Levels
293 Kelvin Cross Sections

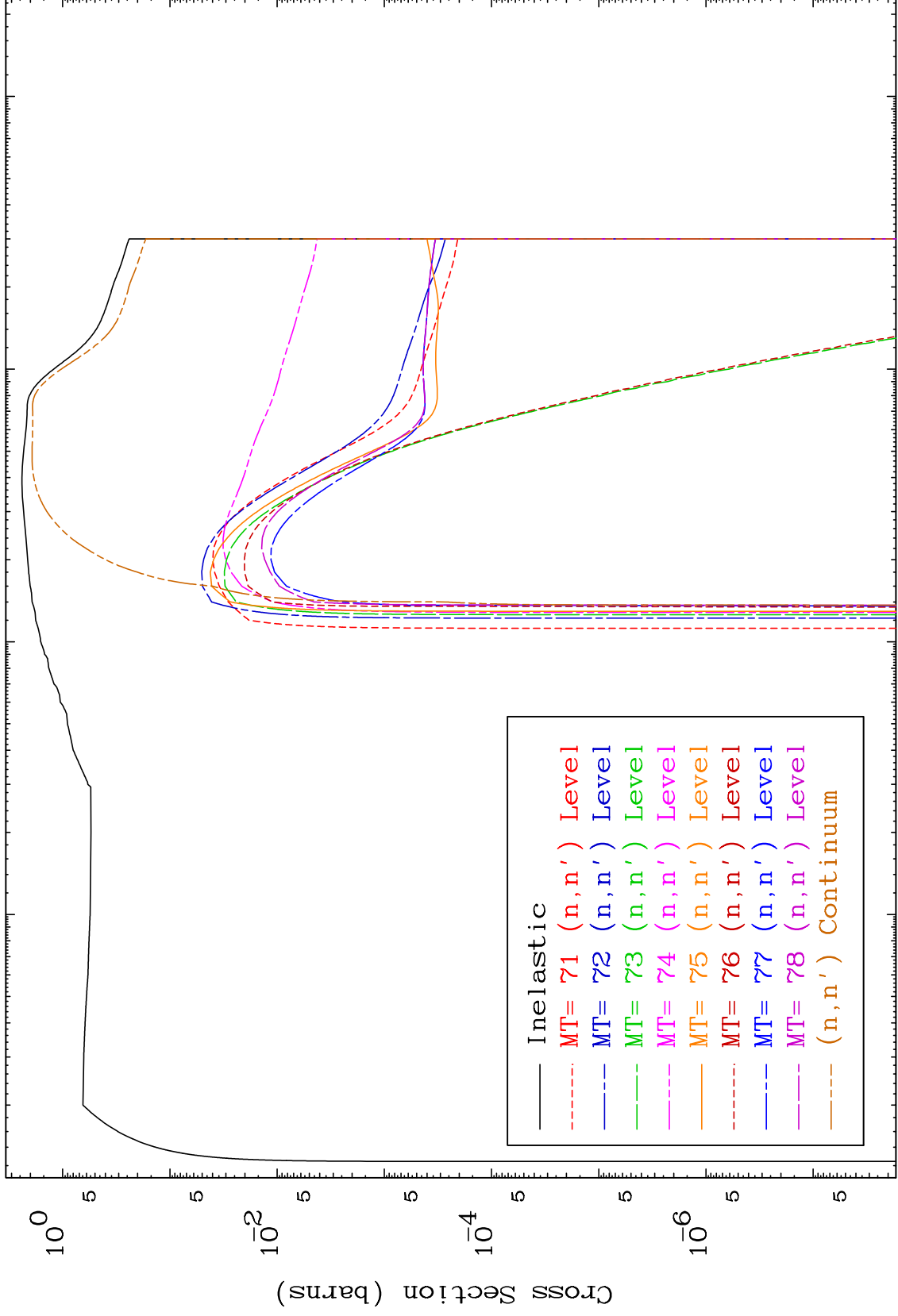
56-Ba-133



MAT 5634

56-Ba-133

(n,n') Levels
293 Kelvin Cross Sections



10

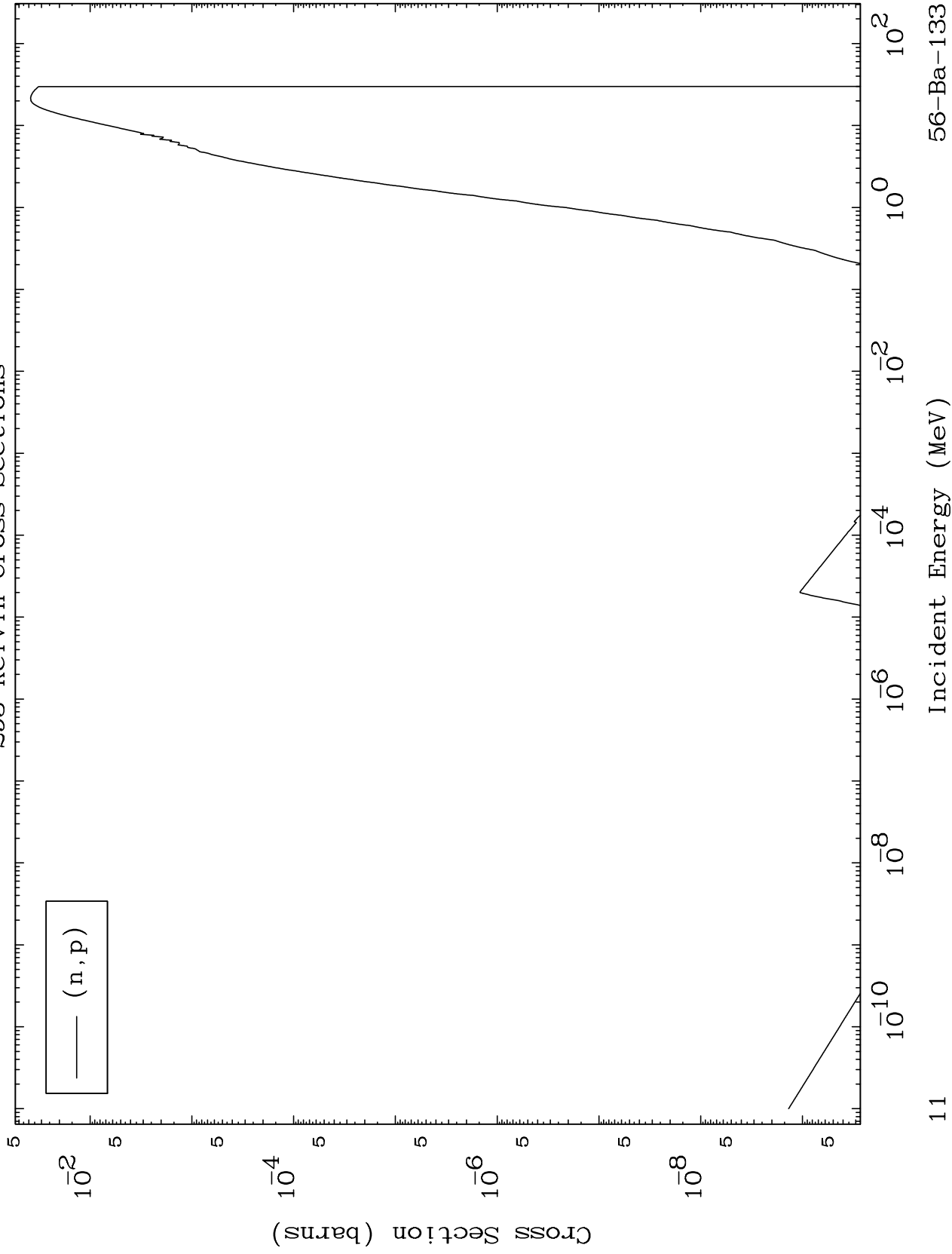
Incident Energy (MeV)

56-Ba-133

MAT 5634

(n,p) Levels
293 Kelvin Cross Sections

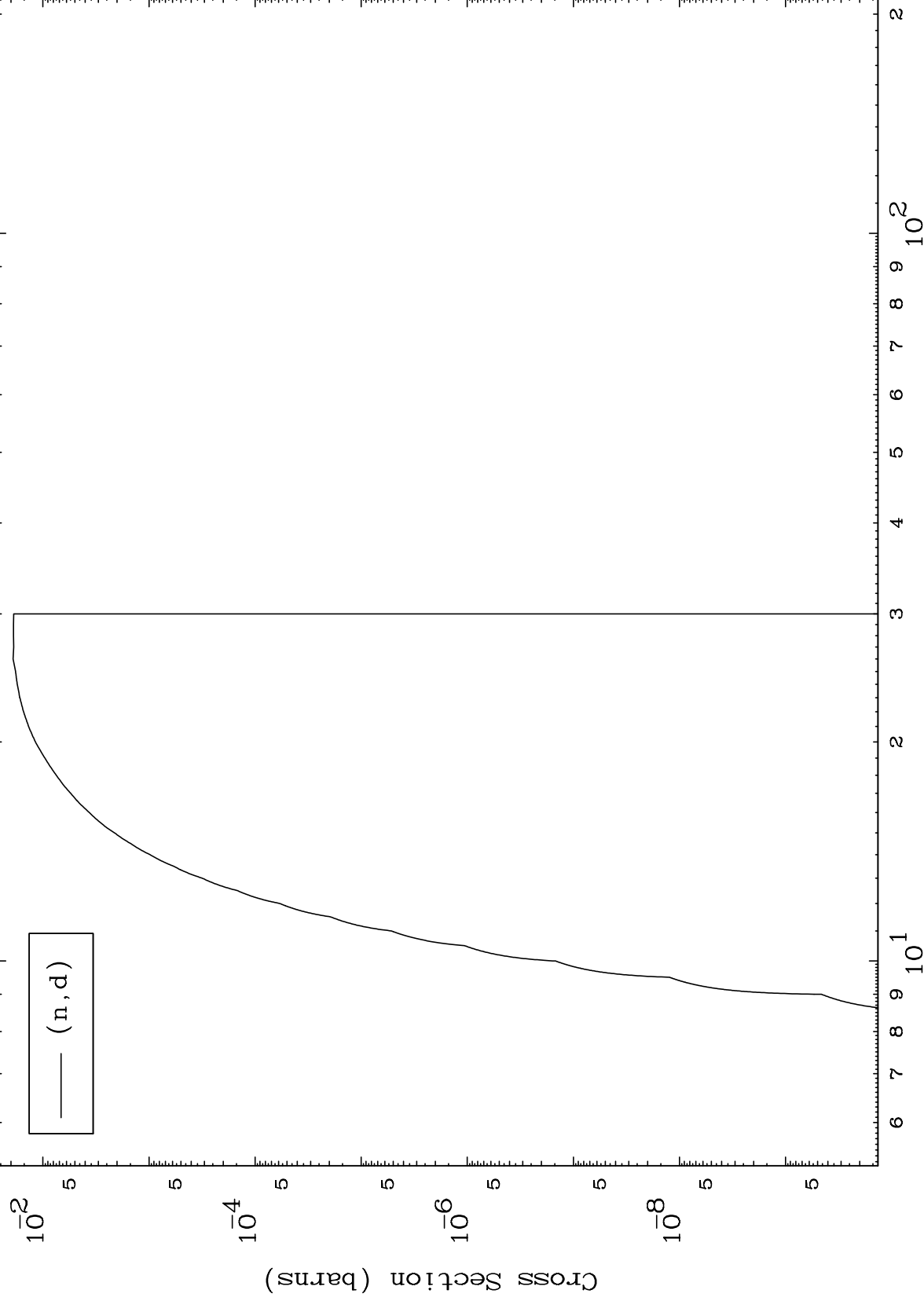
56-Ba-133



MAT 5634

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-133



12

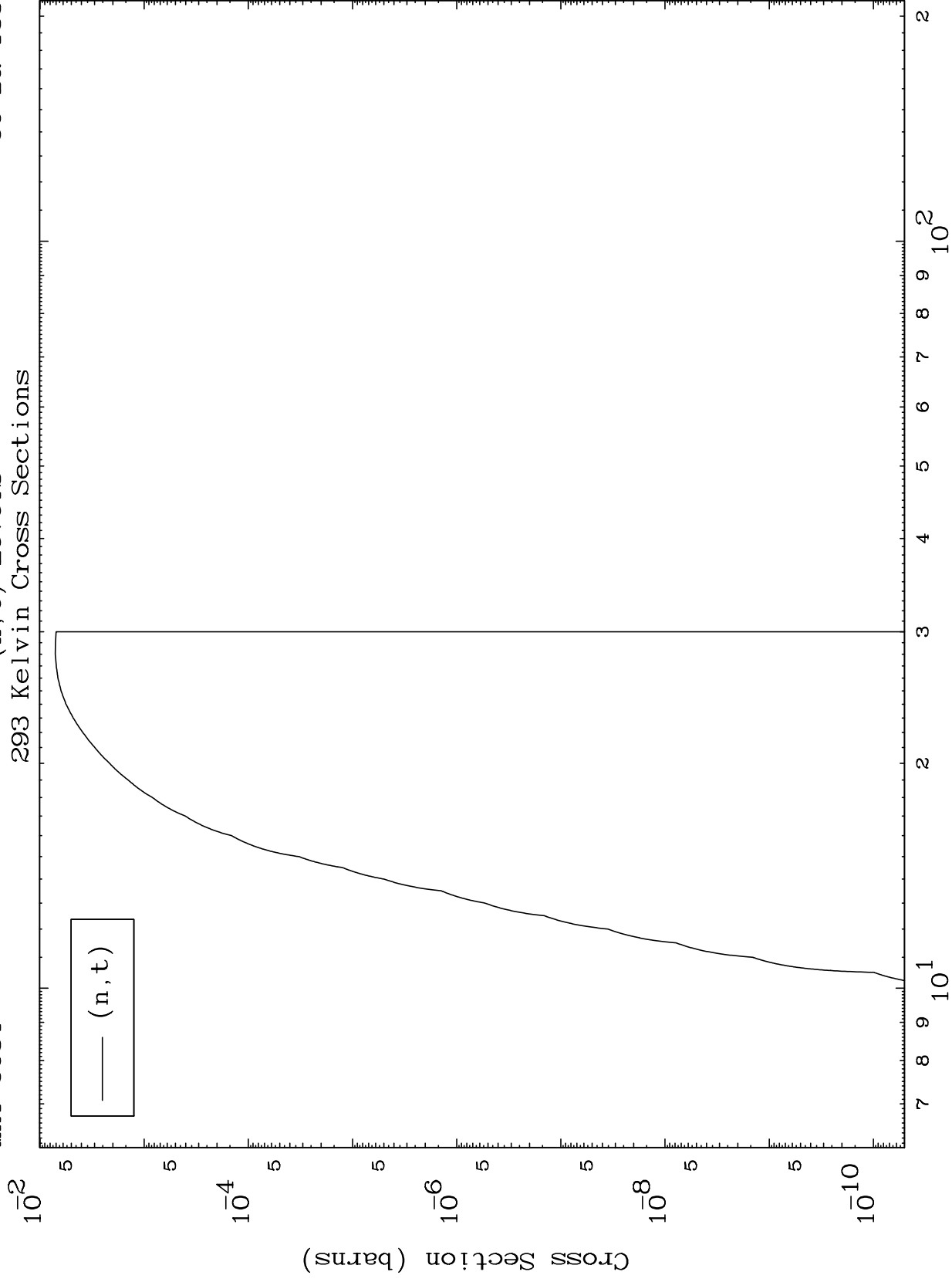
Incident Energy (MeV)

56-Ba-133

MAT 5634

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-133



13

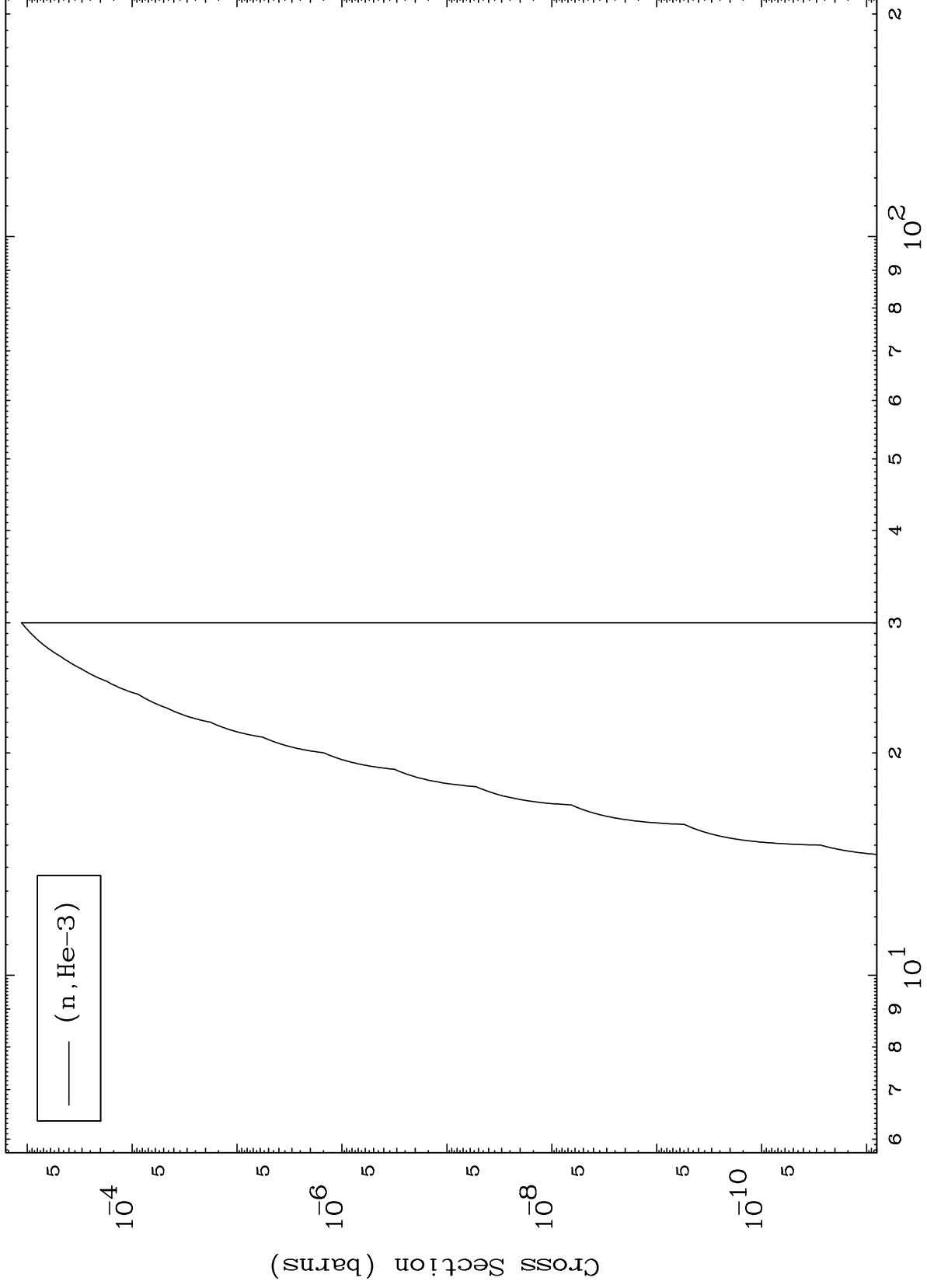
Incident Energy (MeV)

56-Ba-133

MAT 5634

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-133



14

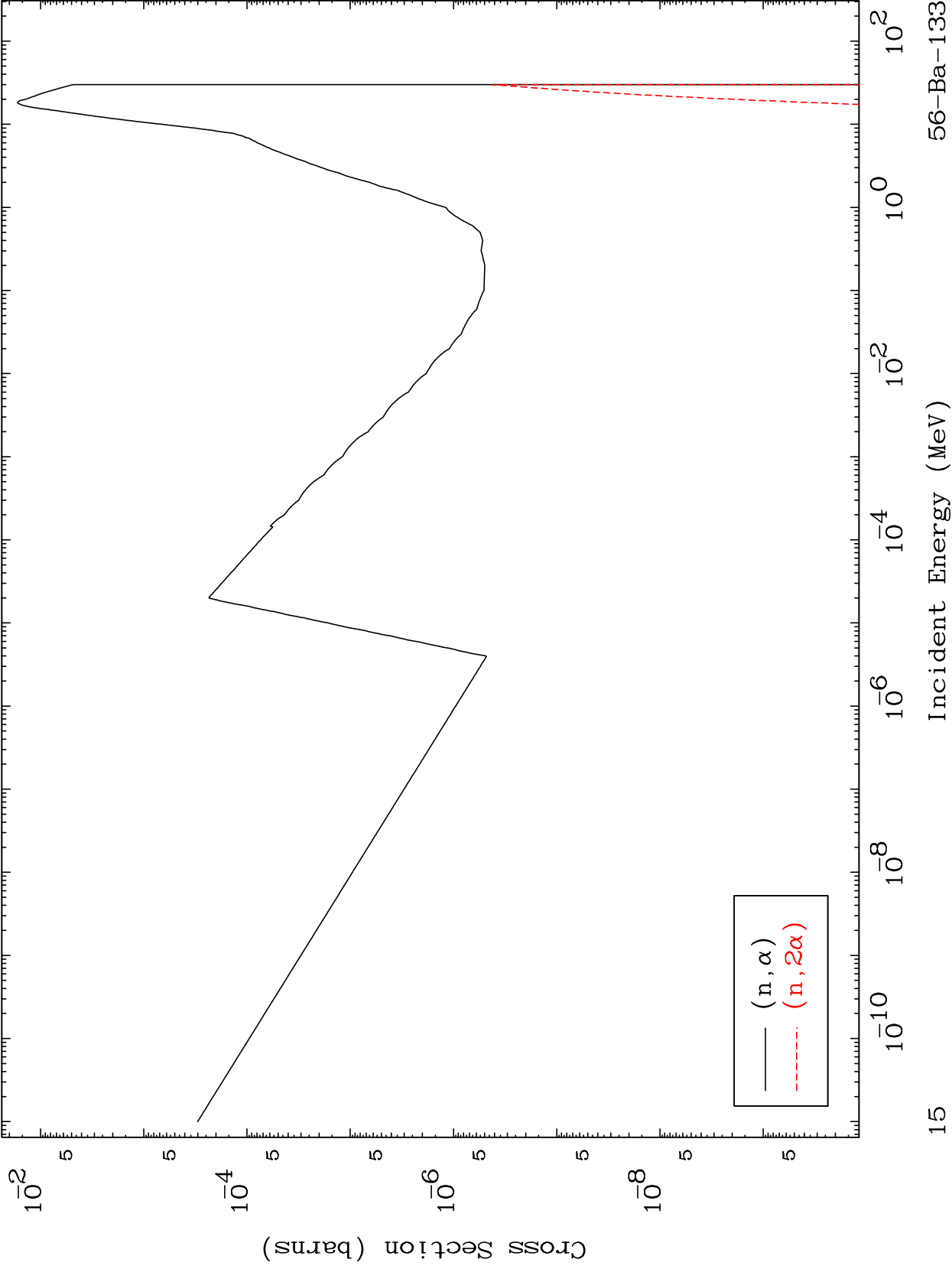
Incident Energy (MeV)

56-Ba-133

MAT 5634

(n, α) Levels
293 Kelvin Cross Sections

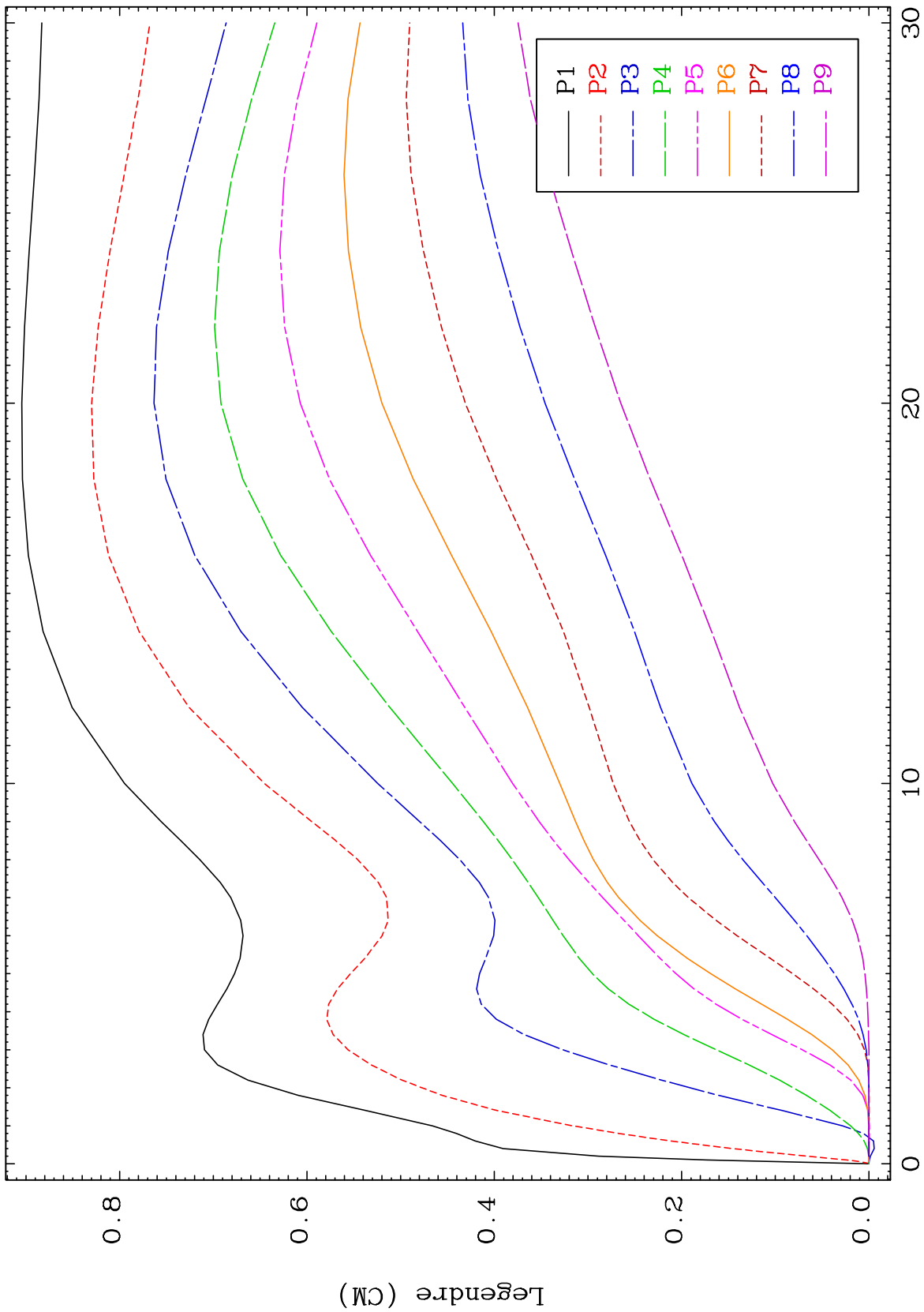
56-Ba-133



MAT 5634

Elastic Legendre Coefficients

56-Ba-133



16

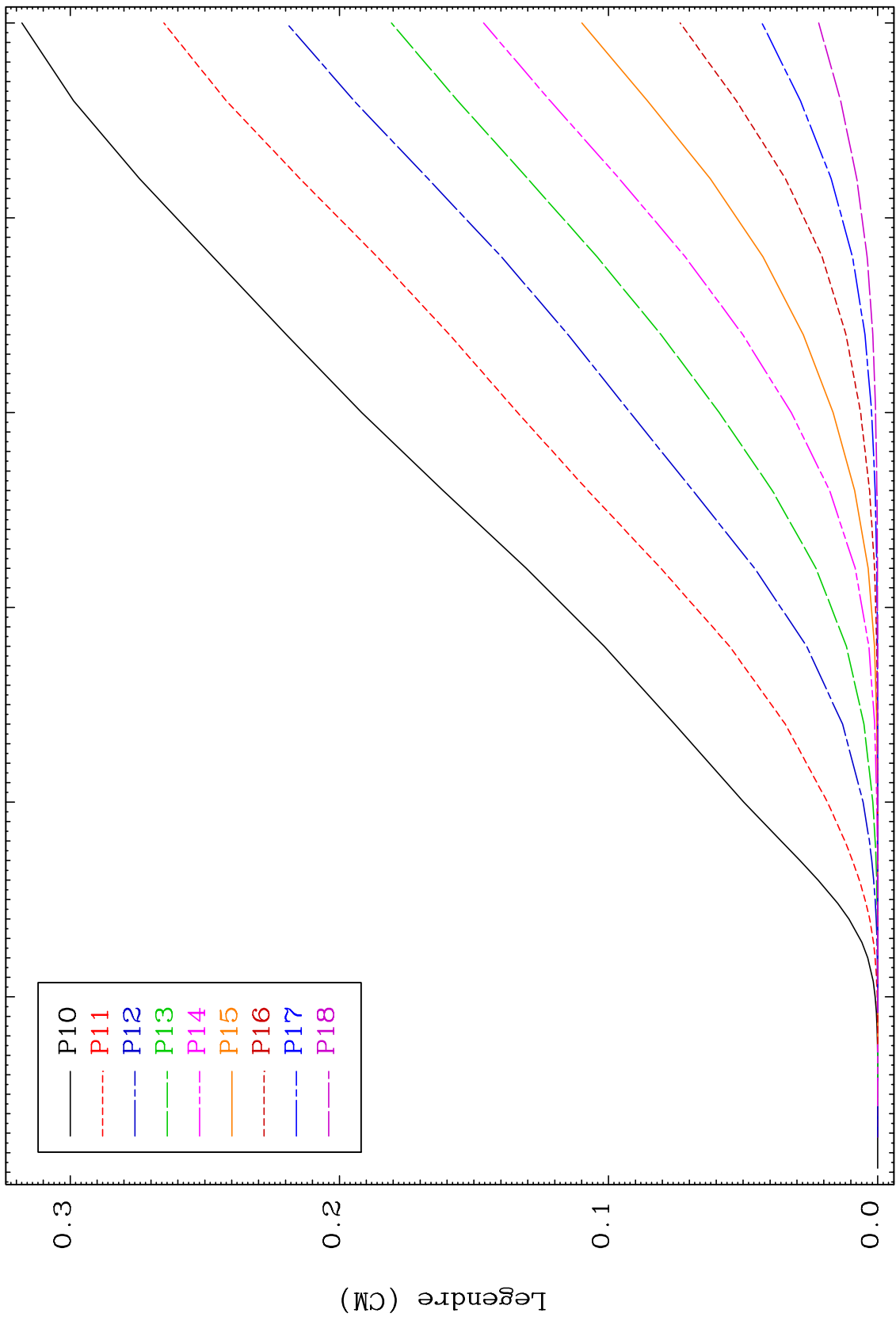
Incident Energy (MeV)

56-Ba-133

MAT 5634

Elastic Legendre Coefficients

56-Ba-133



17

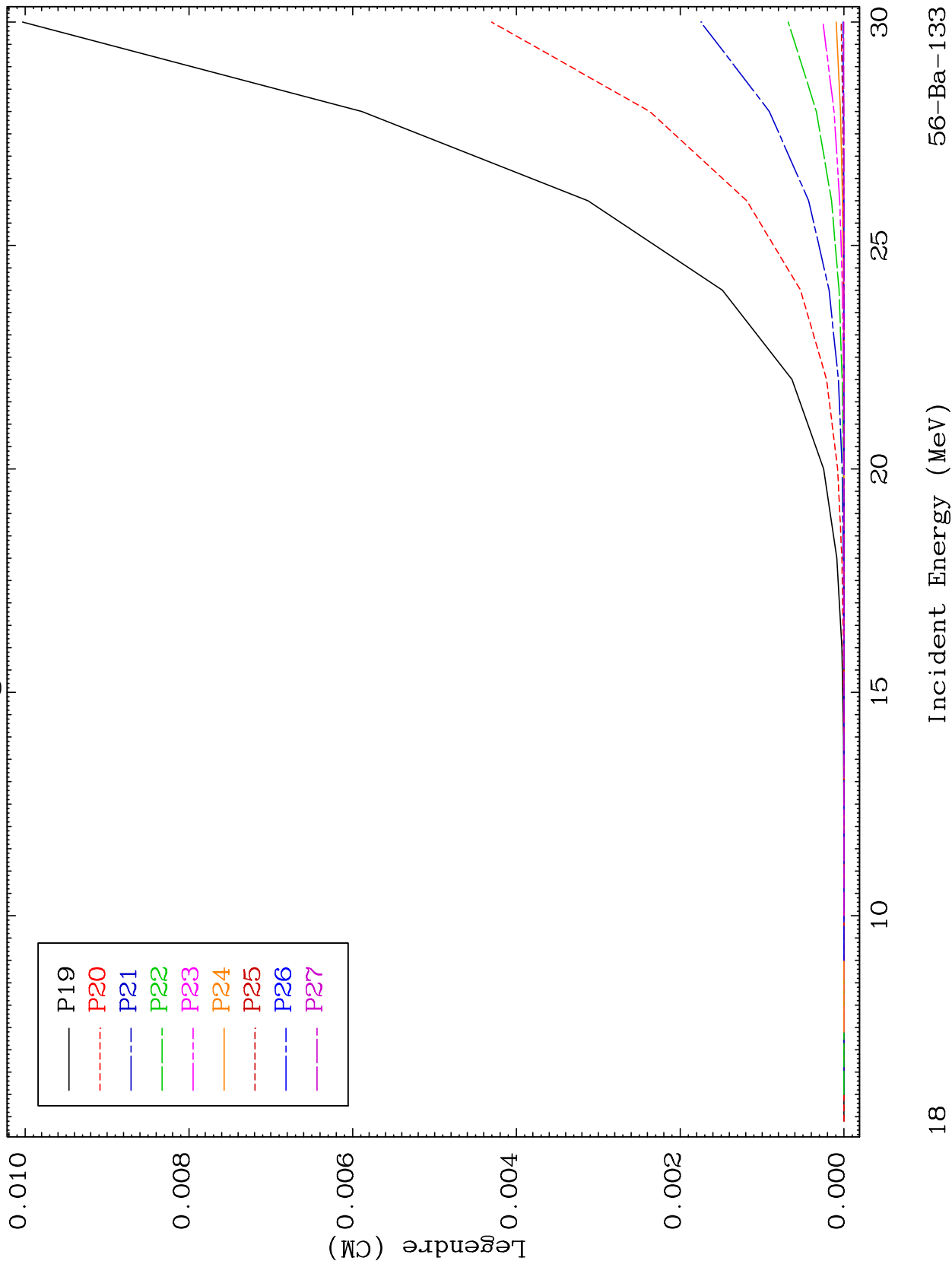
Incident Energy (MeV)

56-Ba-133

MAT 5634

Elastic Legendre Coefficients

56-Ba-133



18

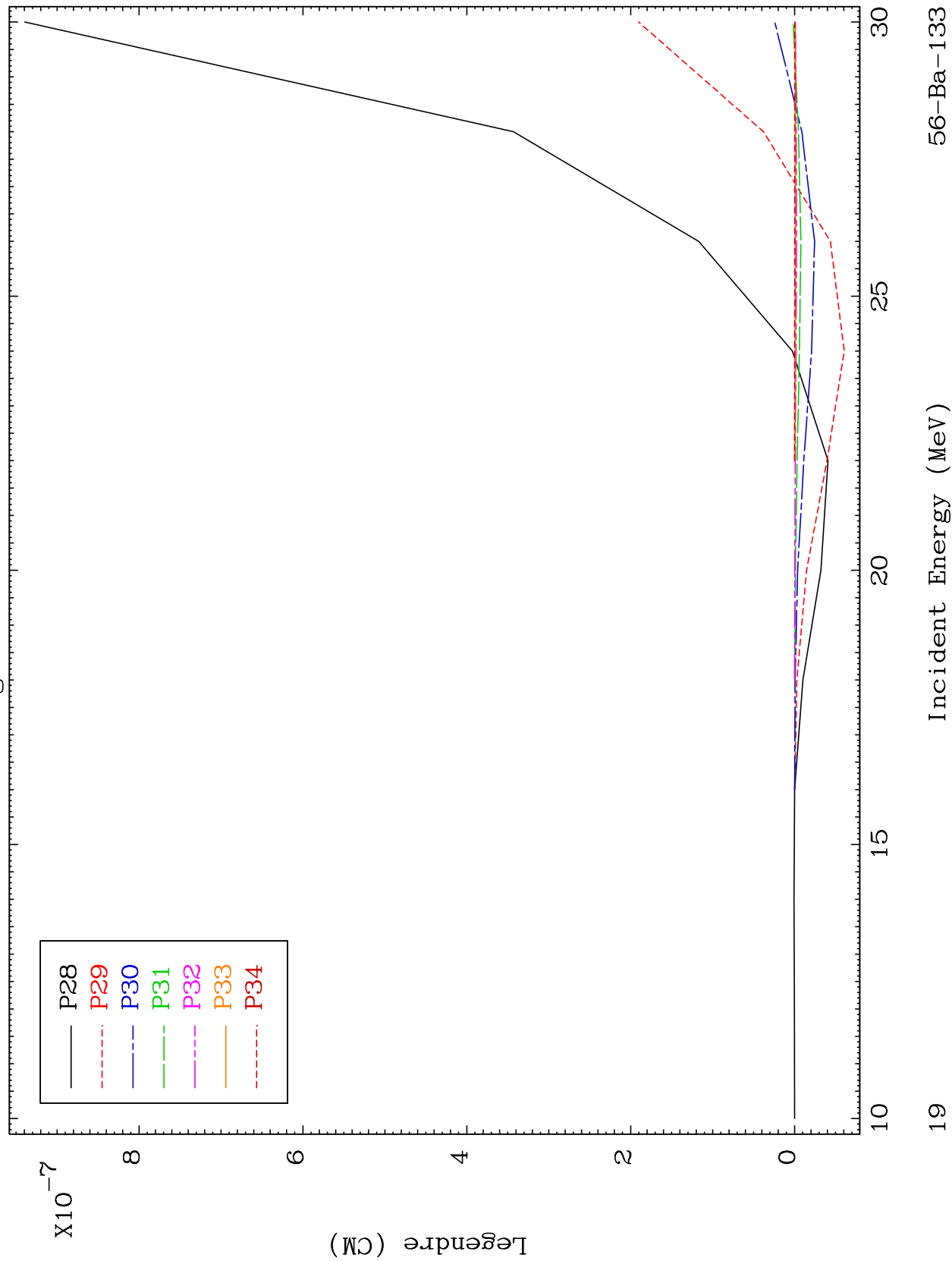
Incident Energy (MeV)

56-Ba-133

MAT 5634

Elastic Legendre Coefficients

56-Ba-133



19

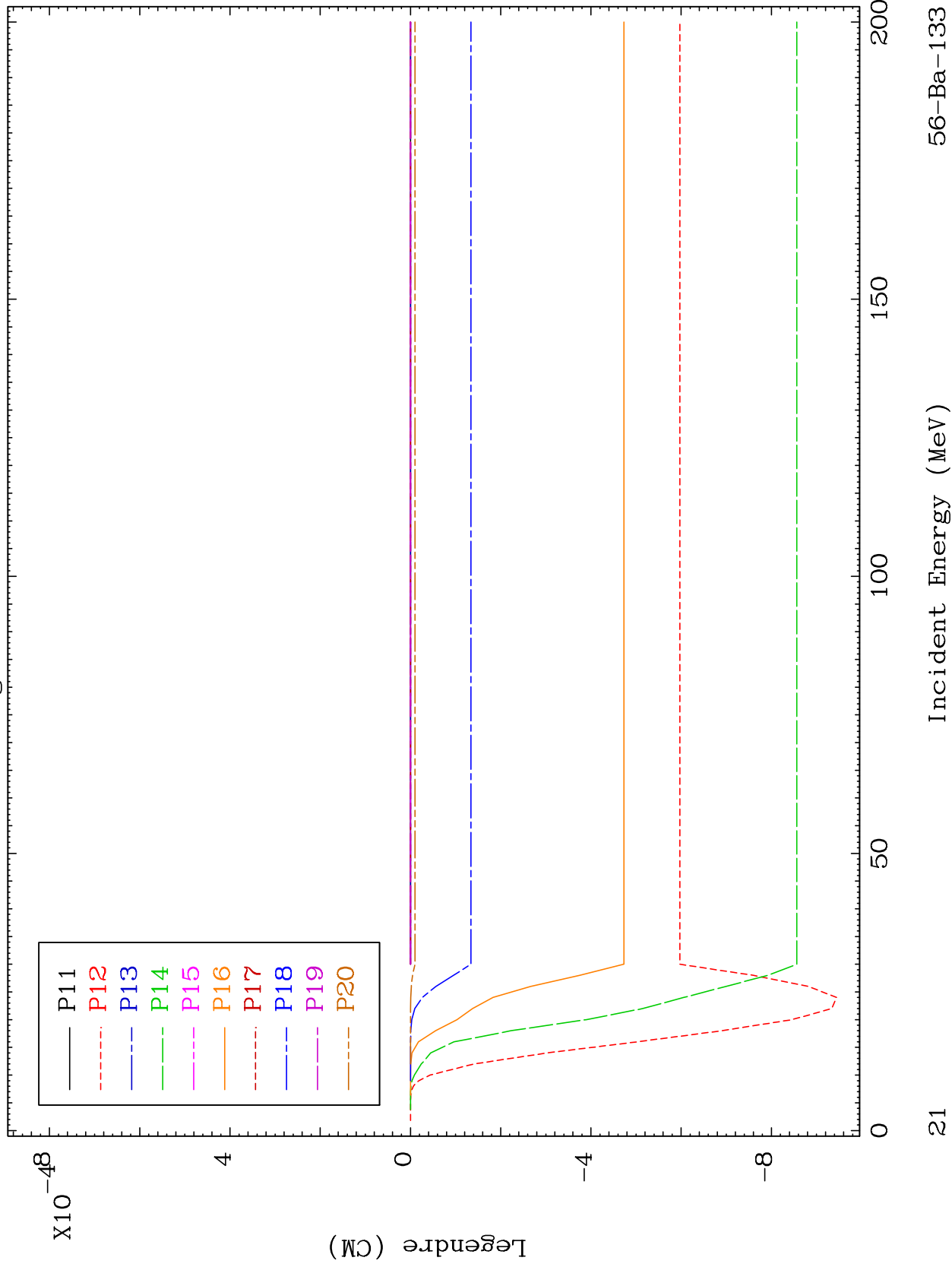
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



21

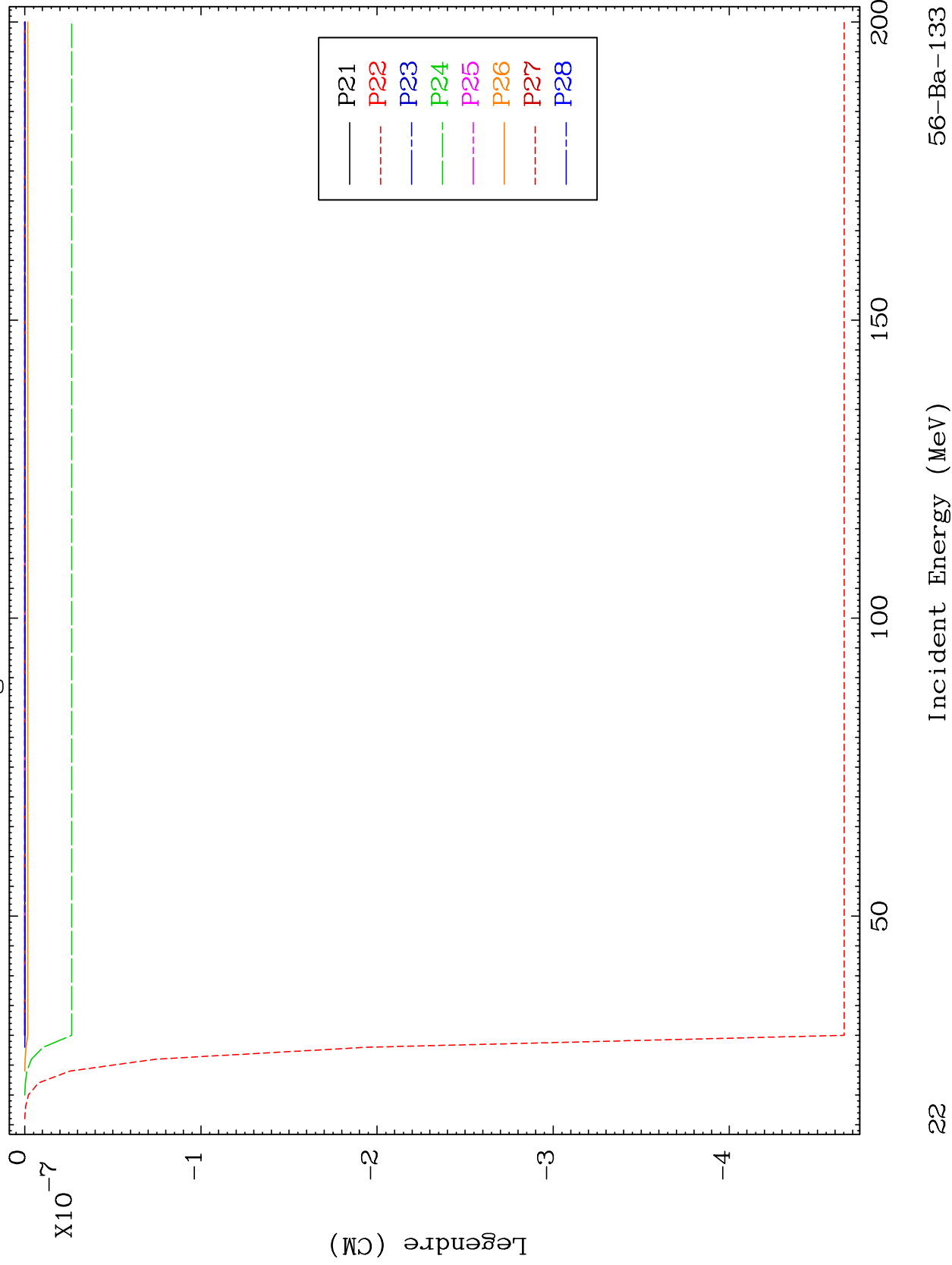
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



22

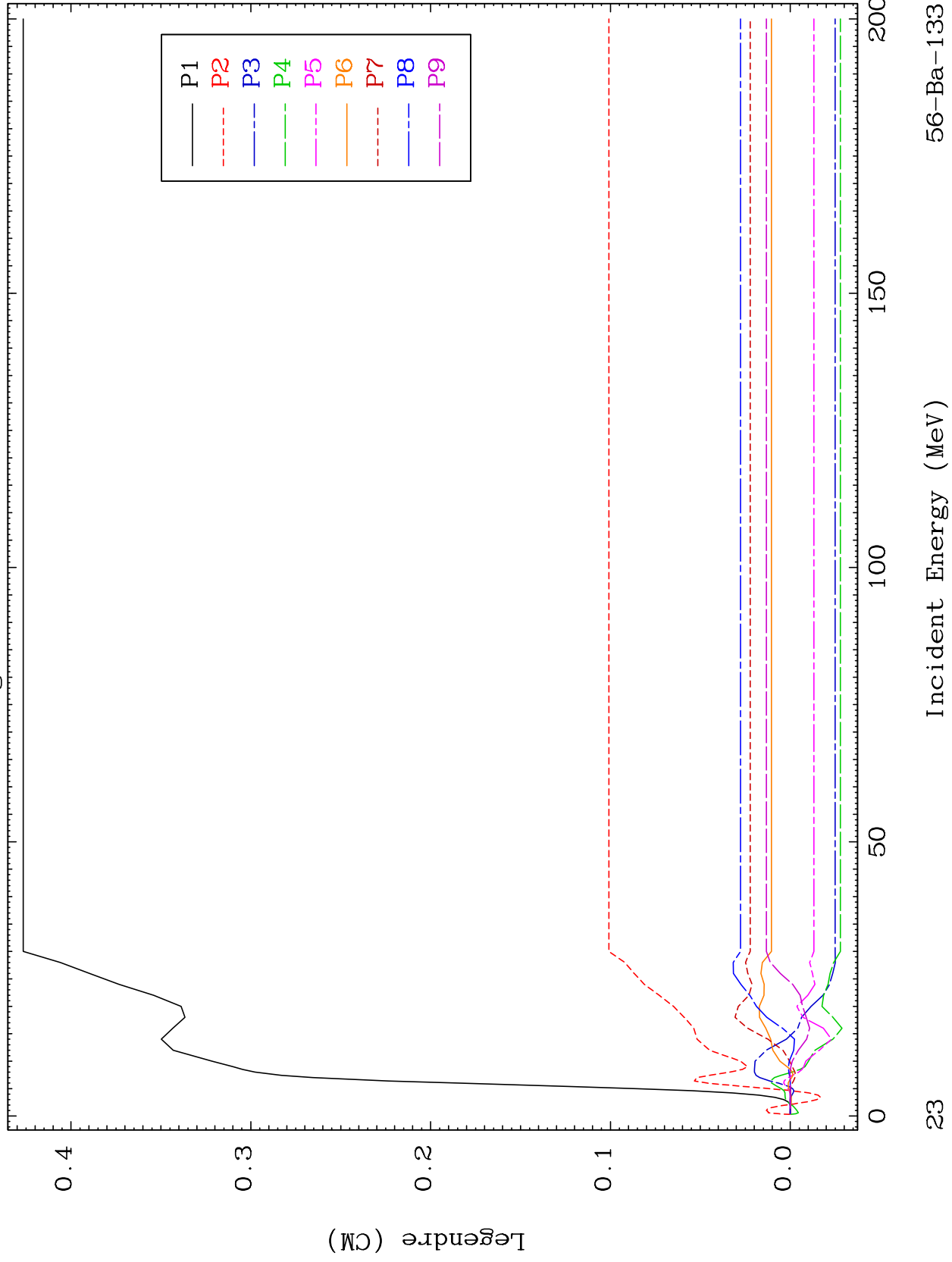
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



56-Ba-133

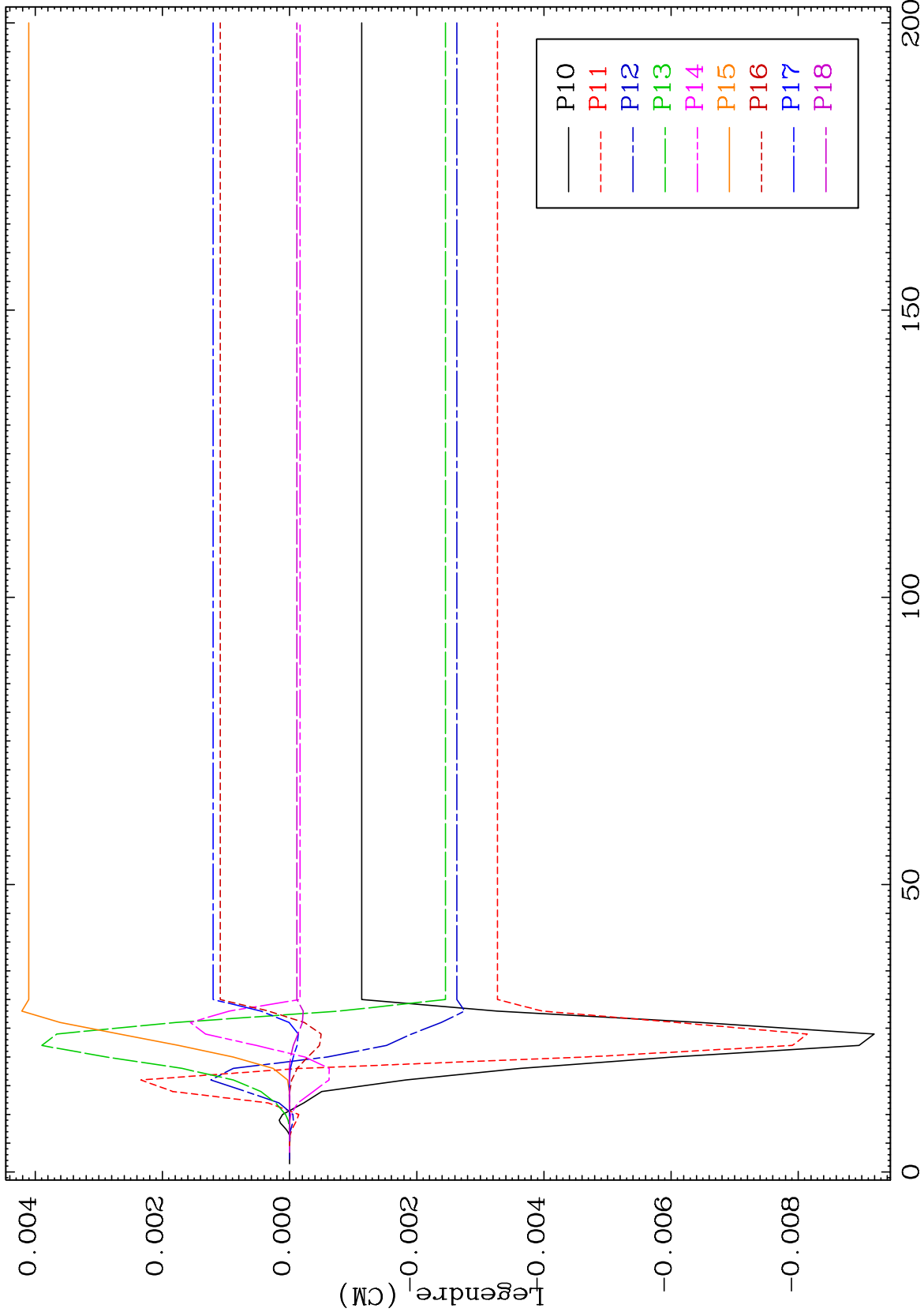
Incident Energy (MeV)

23

MAT 5634

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

56-Ba-133



24

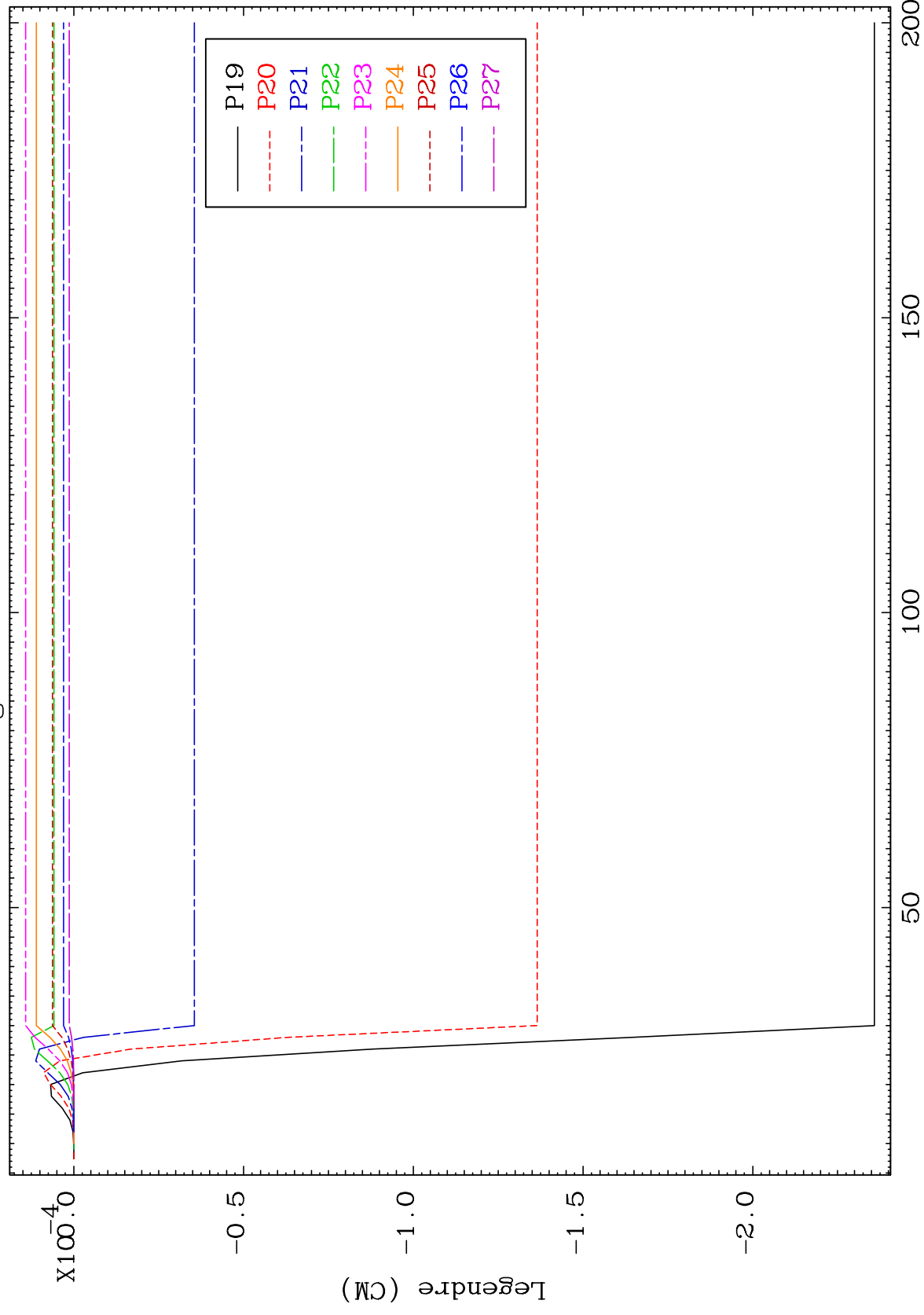
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



25

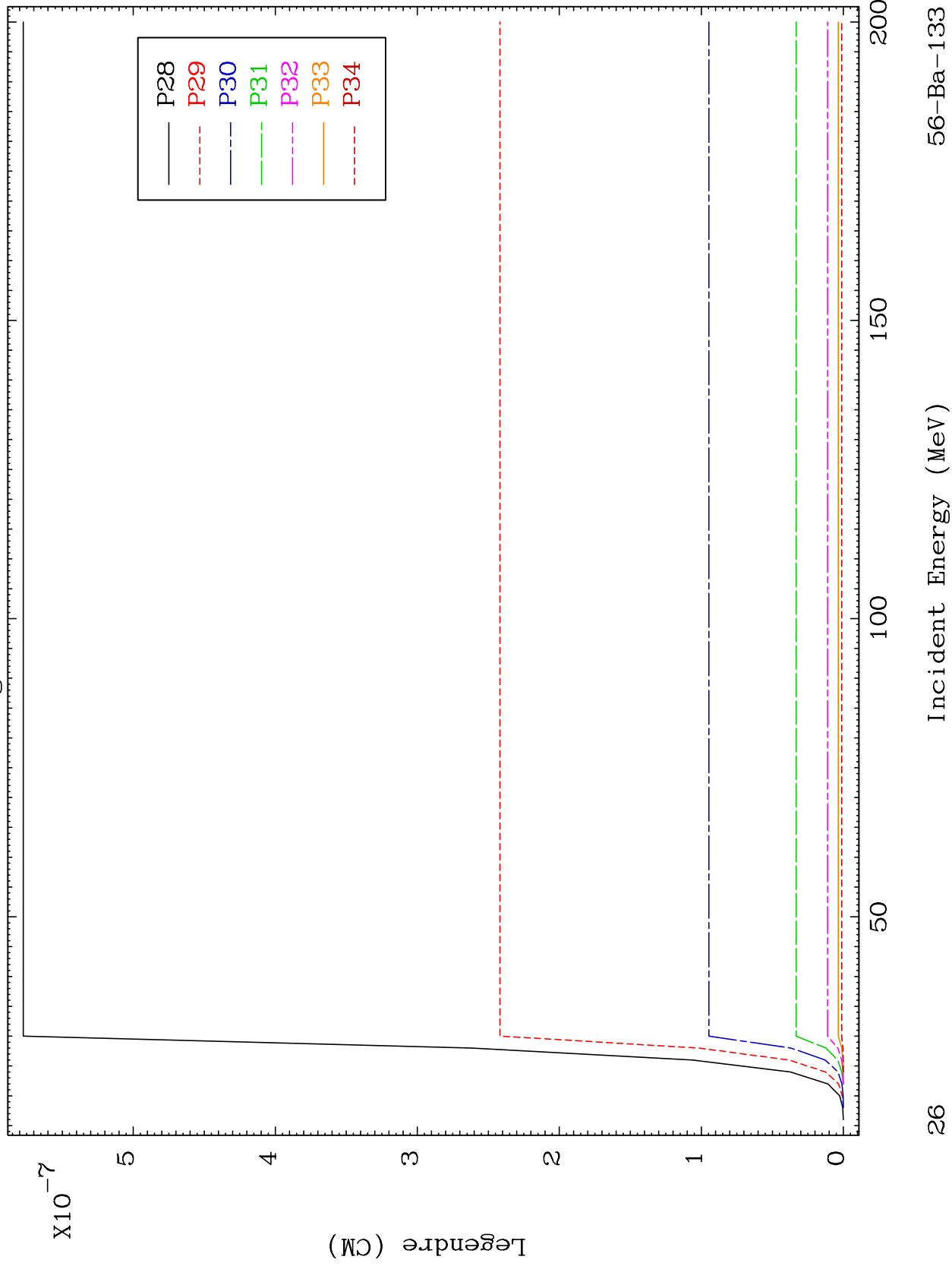
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



26

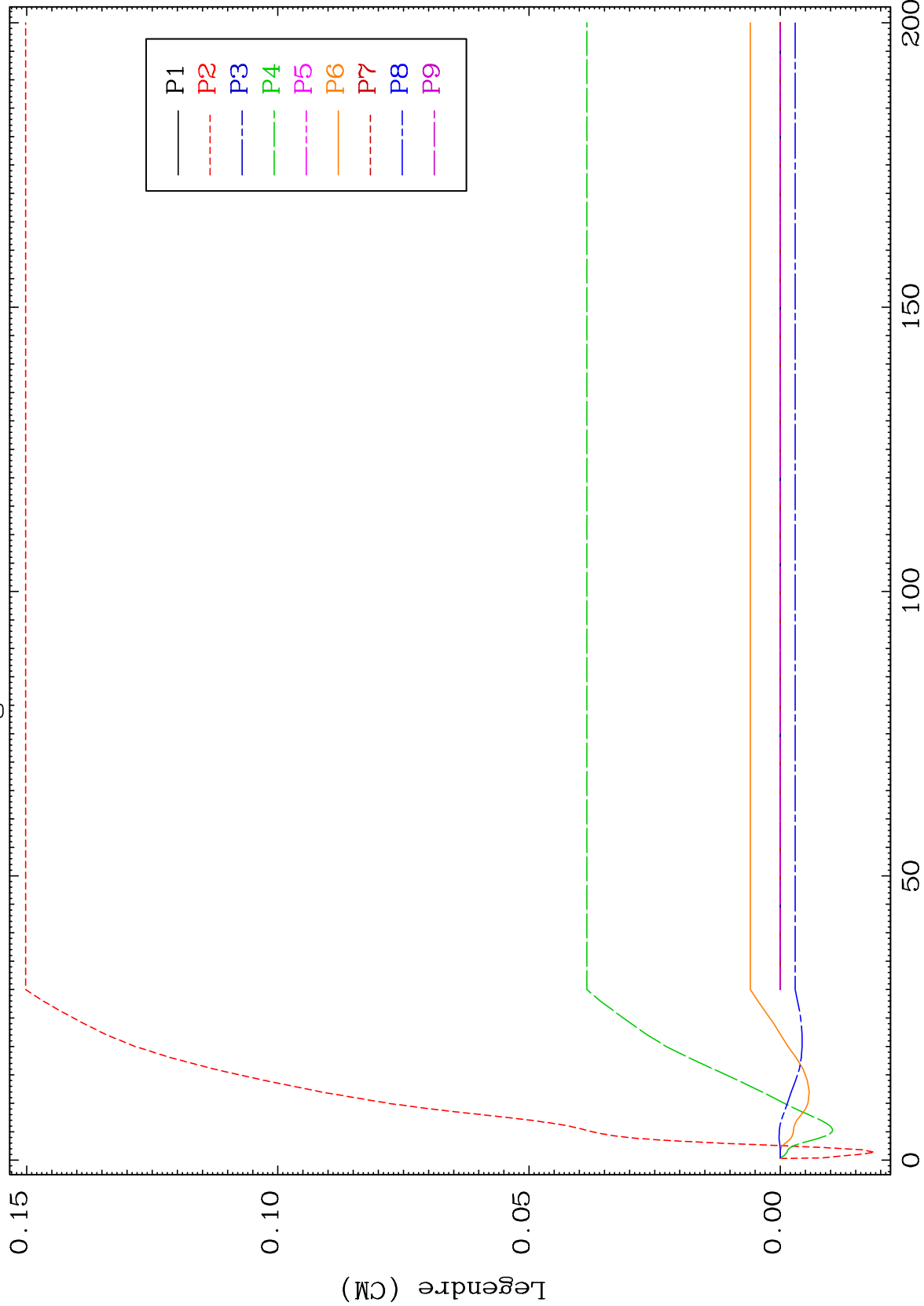
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



27

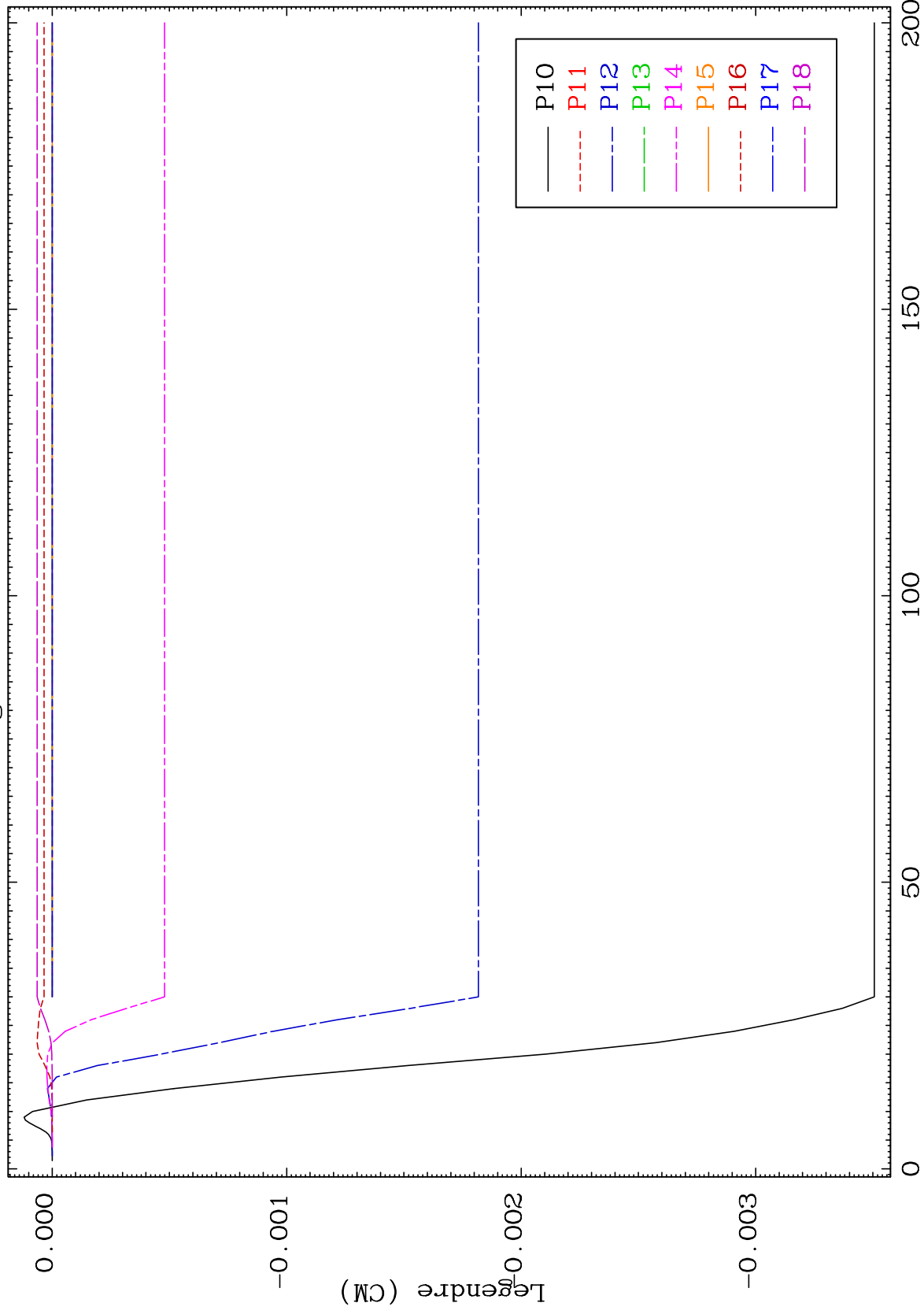
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

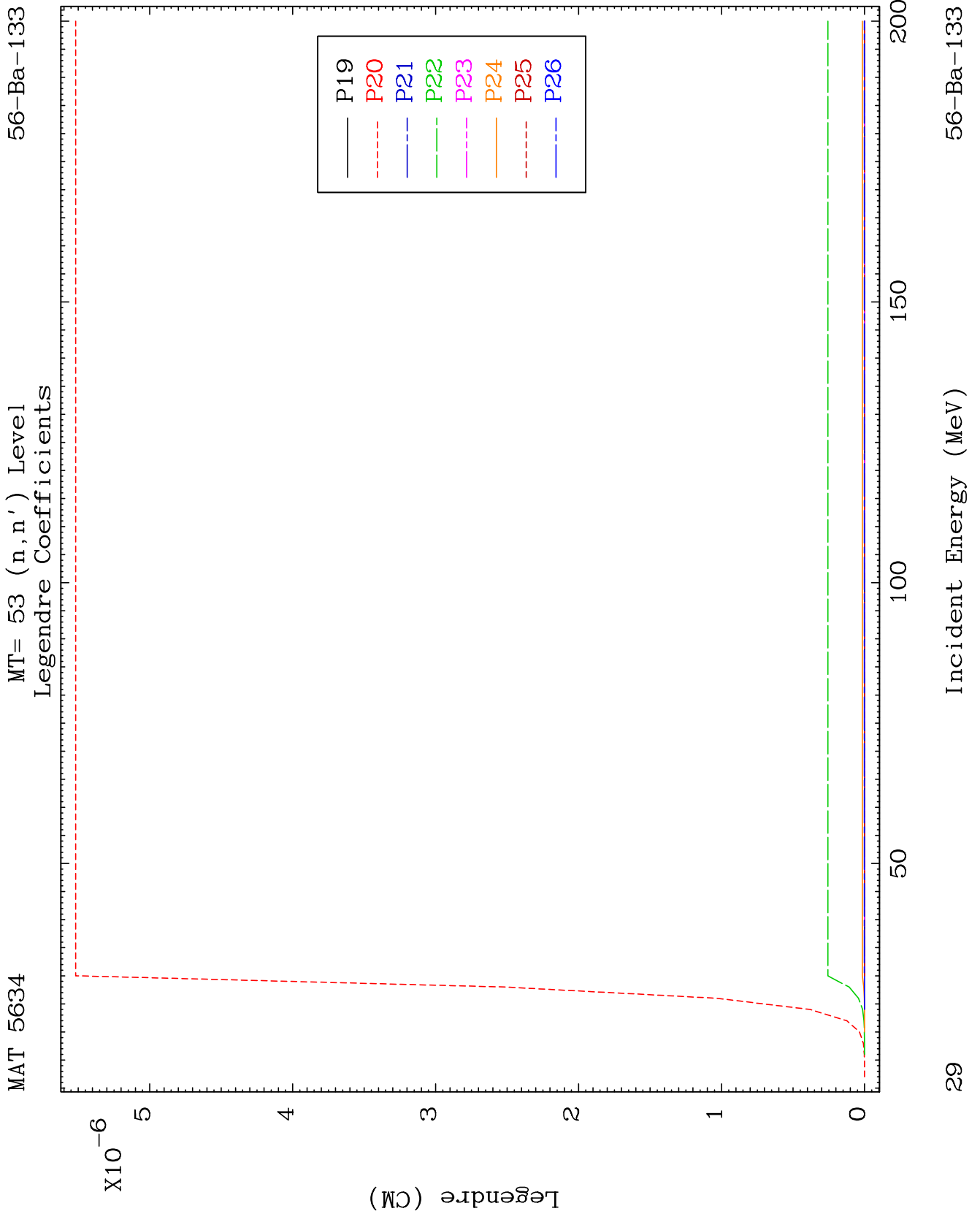
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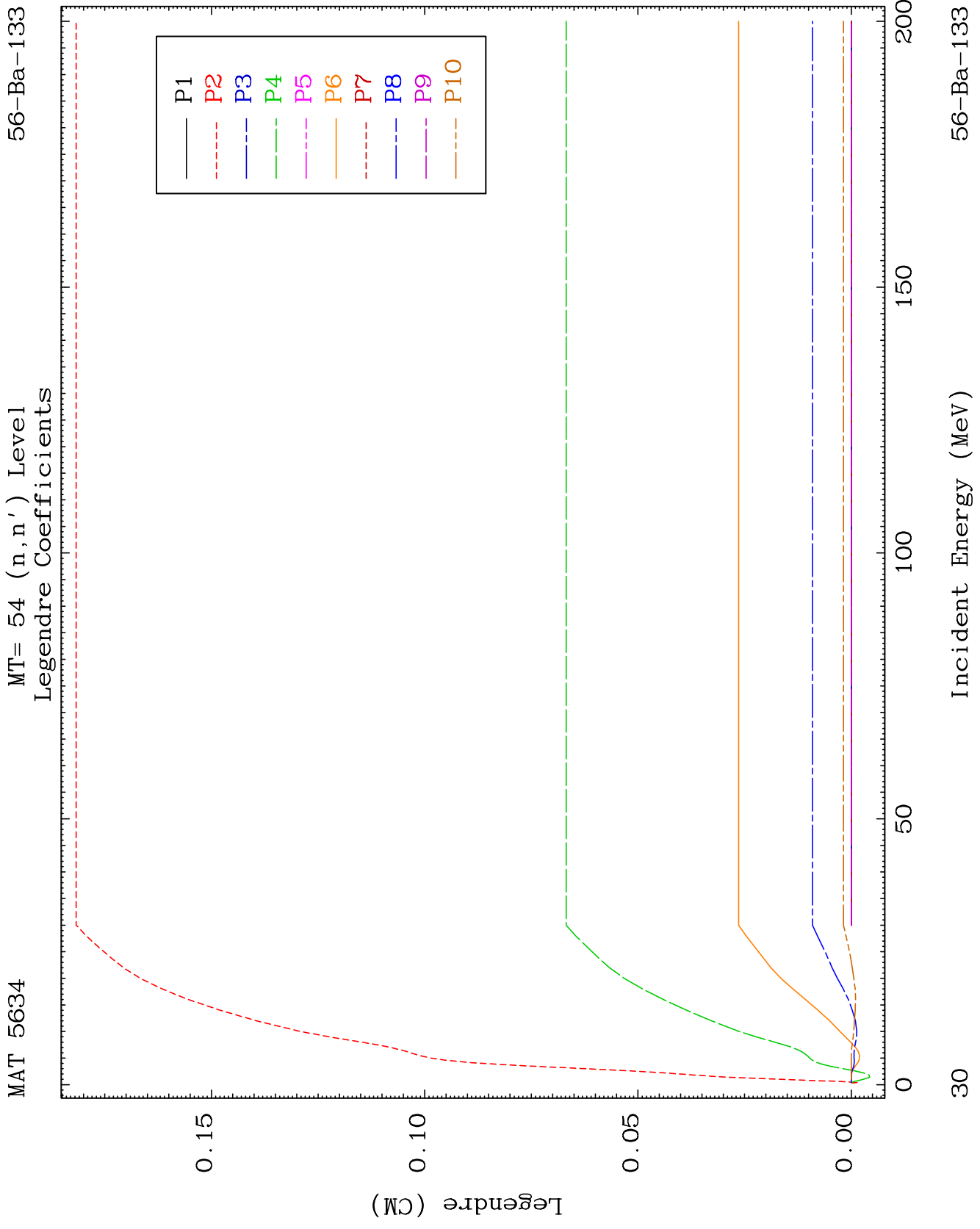


28

Incident Energy (MeV)

56-Ba-133

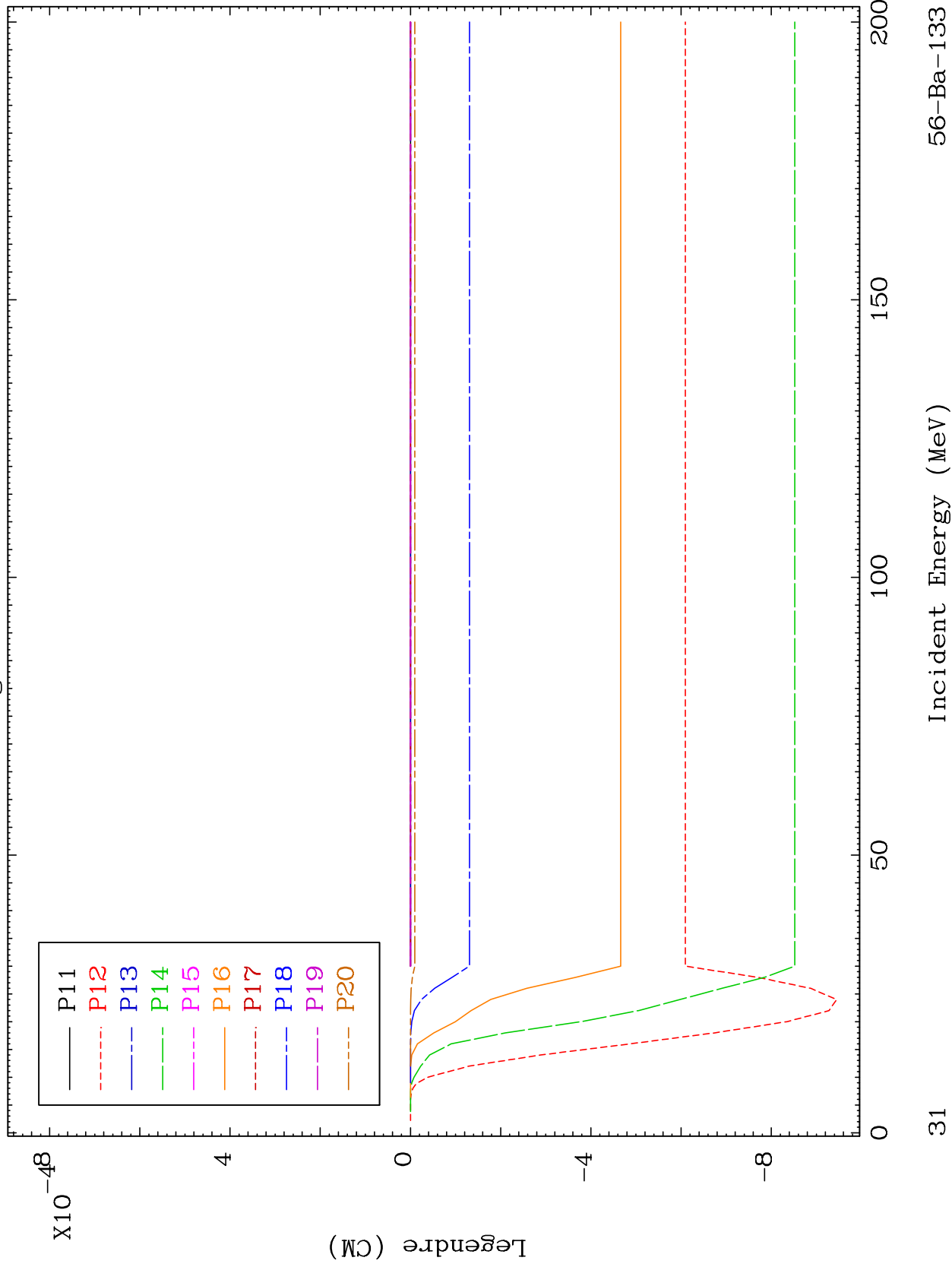




MAT 5634

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

56-Ba-133



31

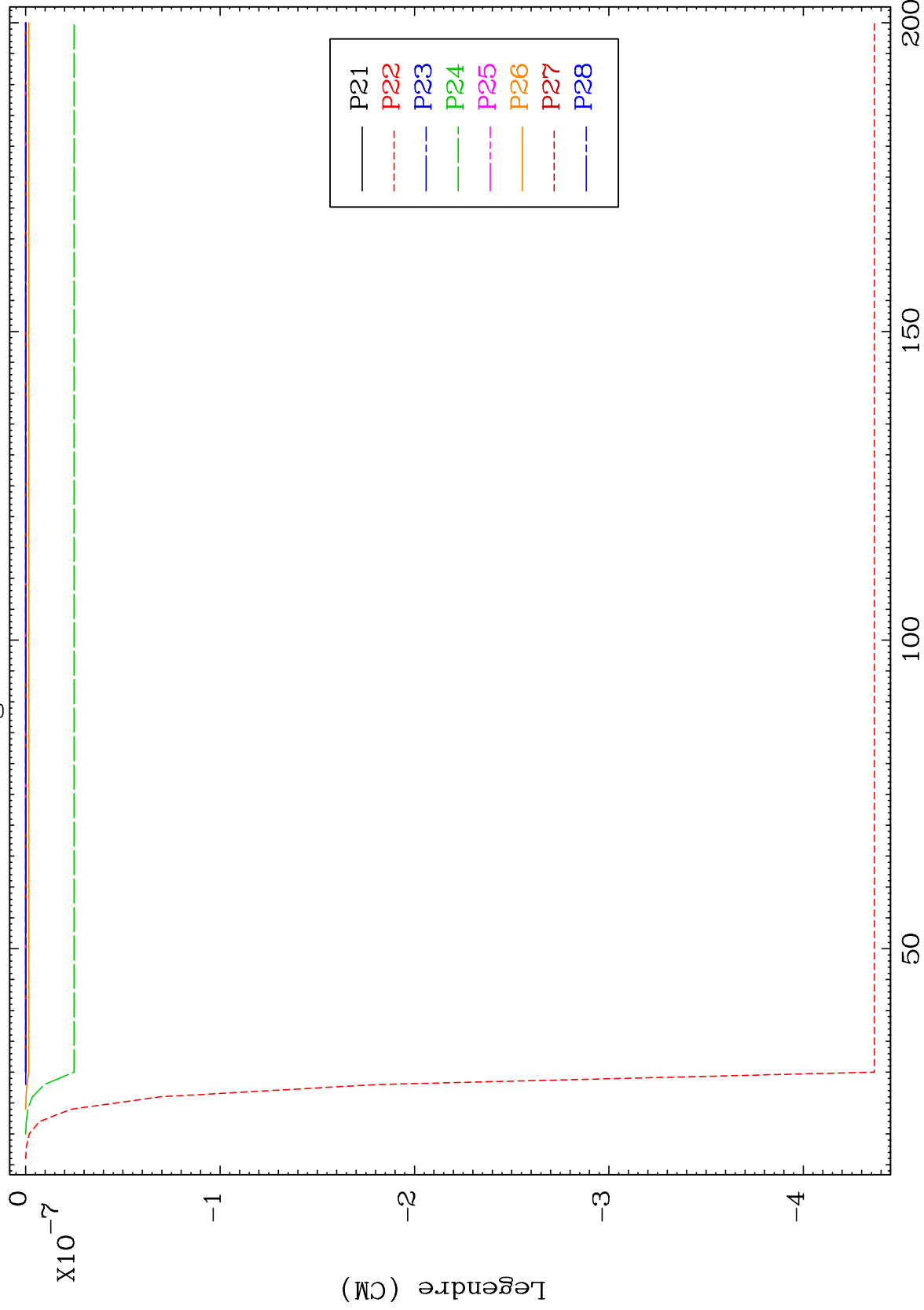
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



32

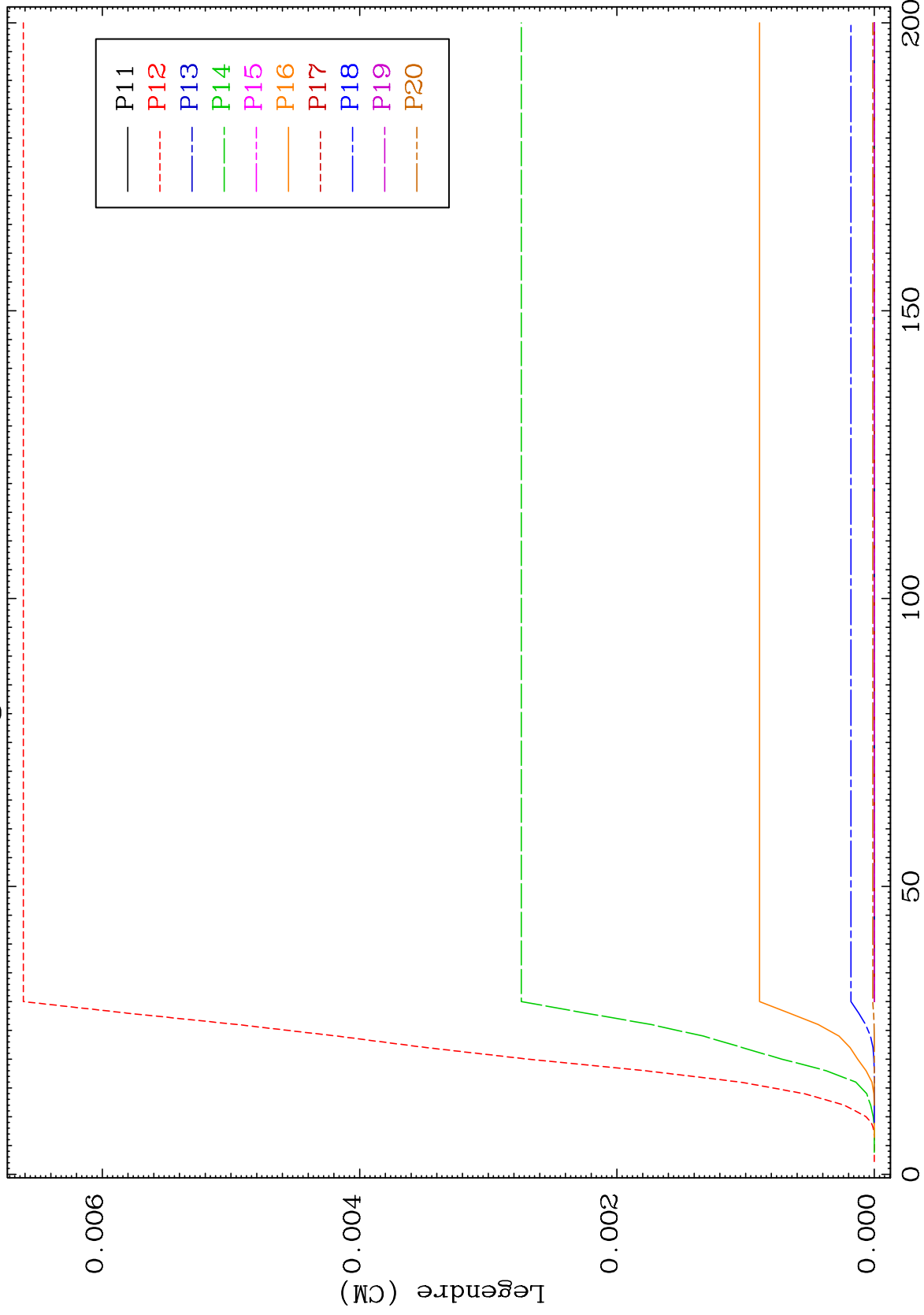
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

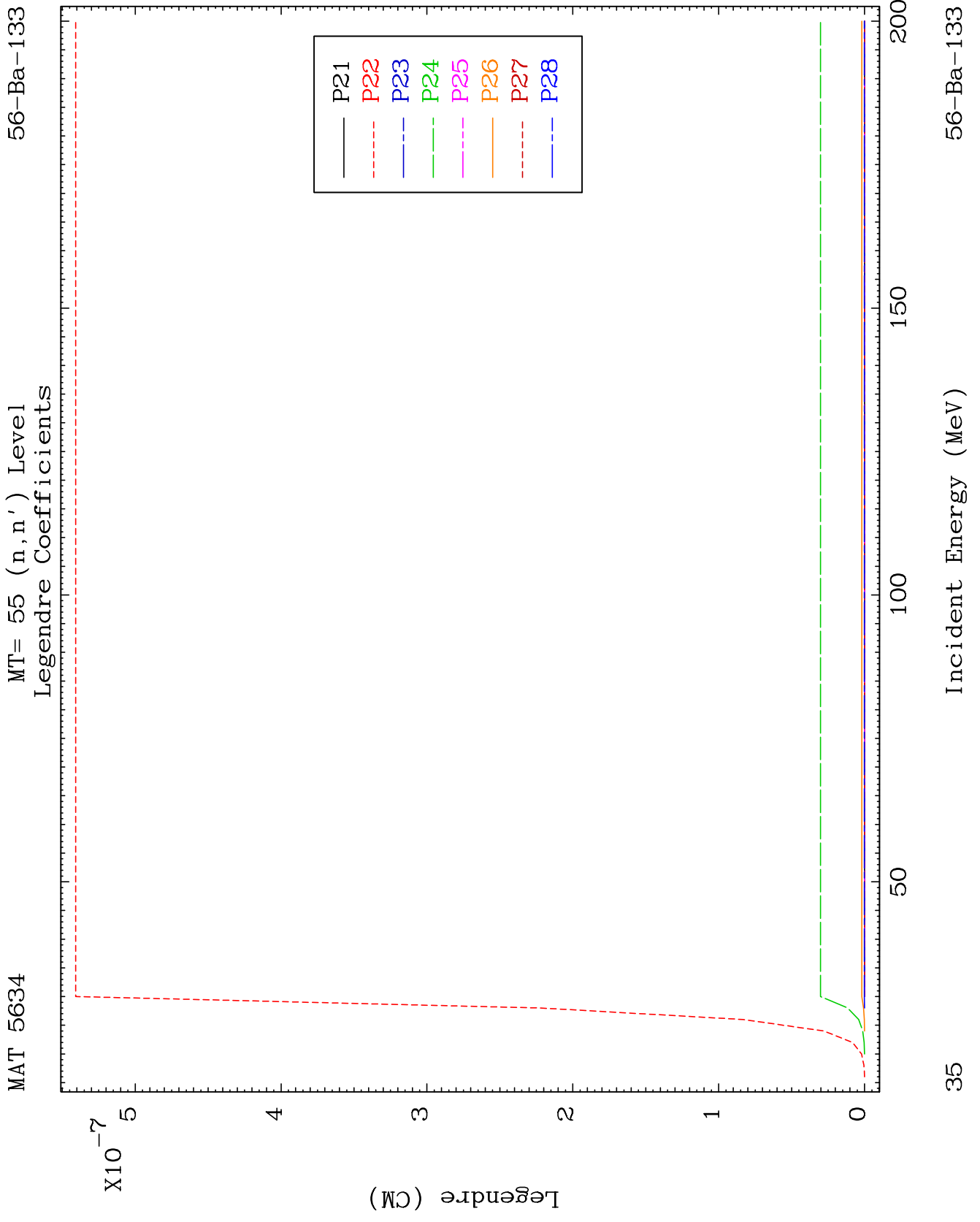
56-Ba-133



34

Incident Energy (MeV)

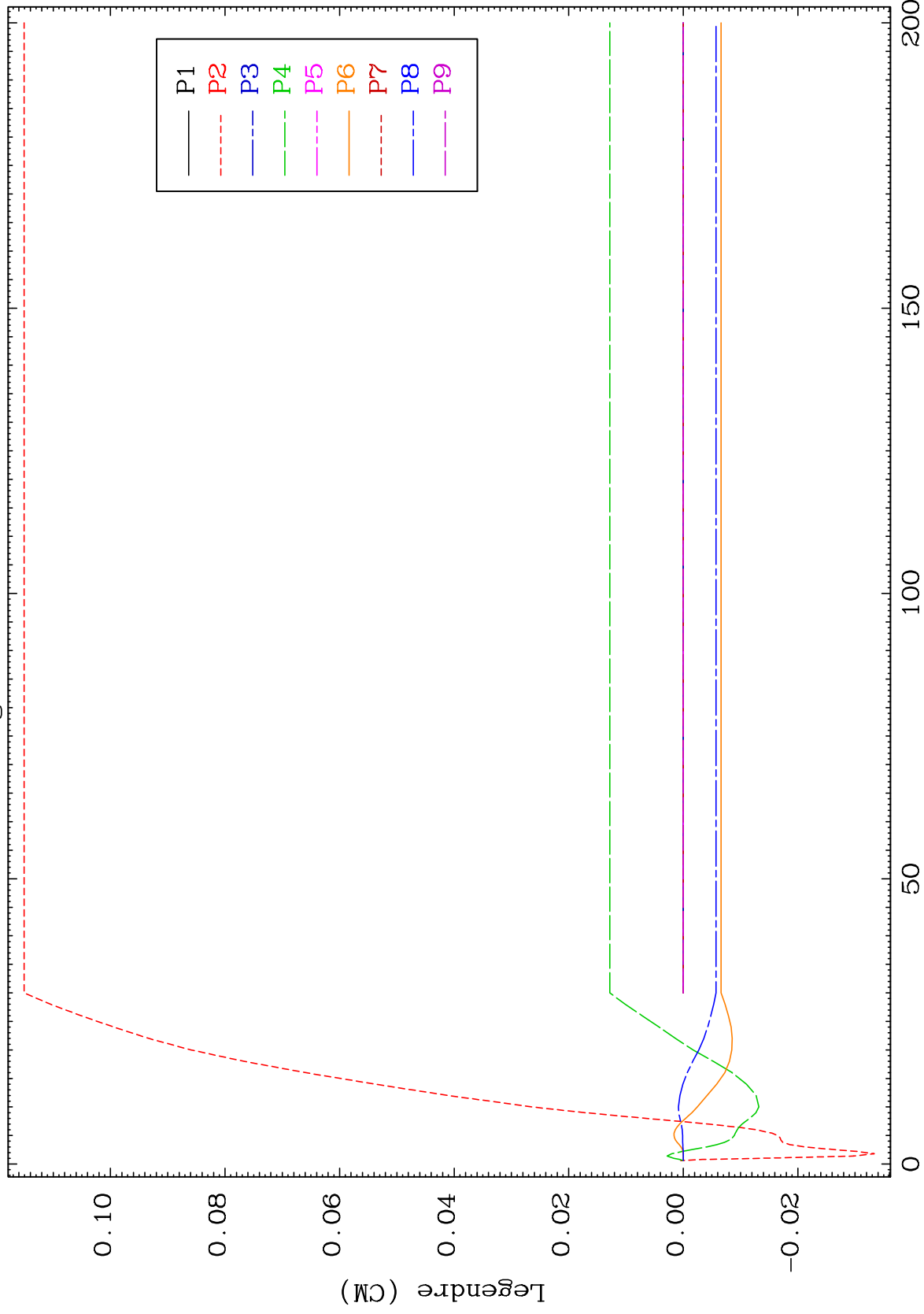
56-Ba-133



MAT 5634

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

56-Ba-133



56-Ba-133

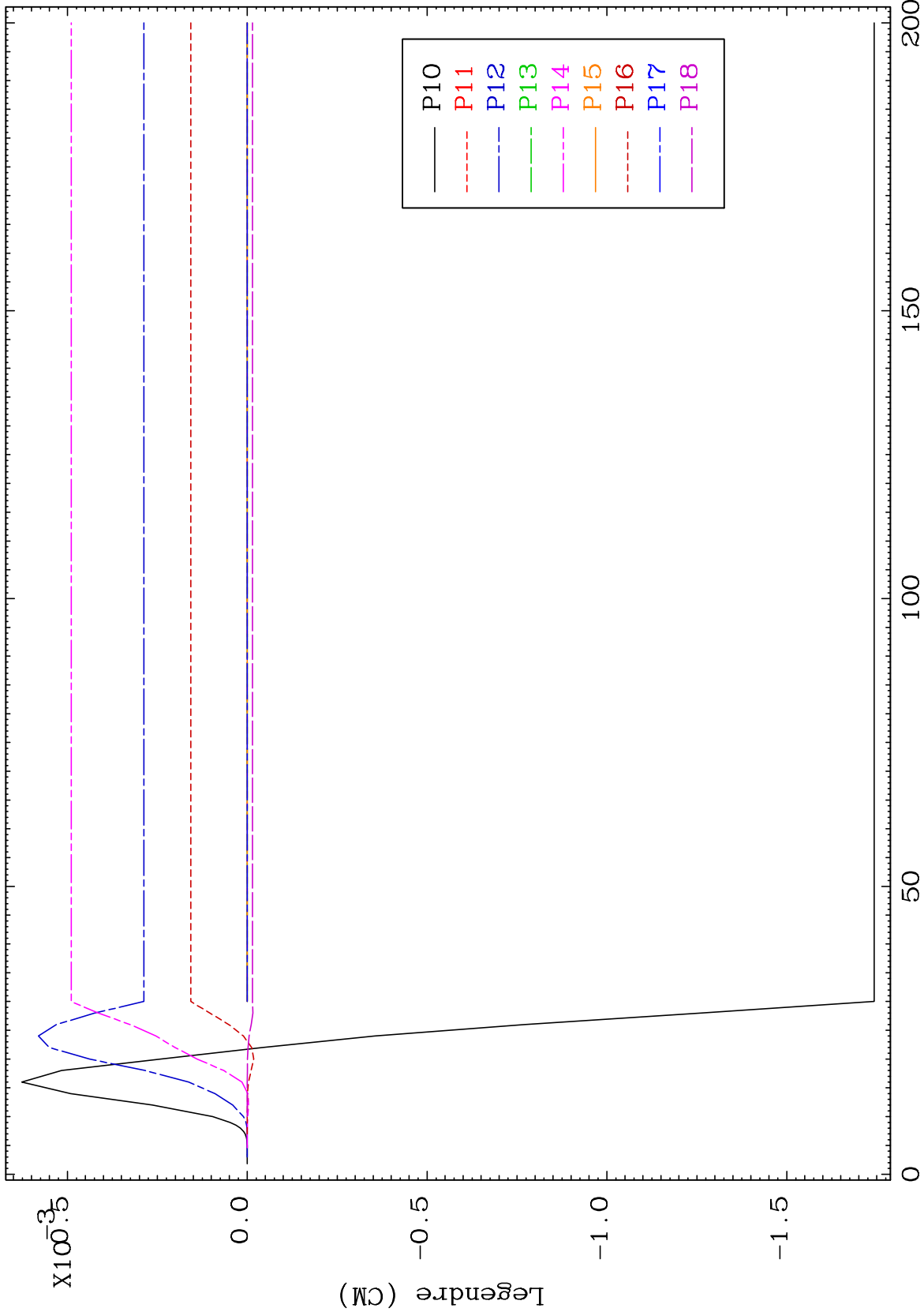
Incident Energy (MeV)

36

MAT 5634

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

56-Ba-133



37

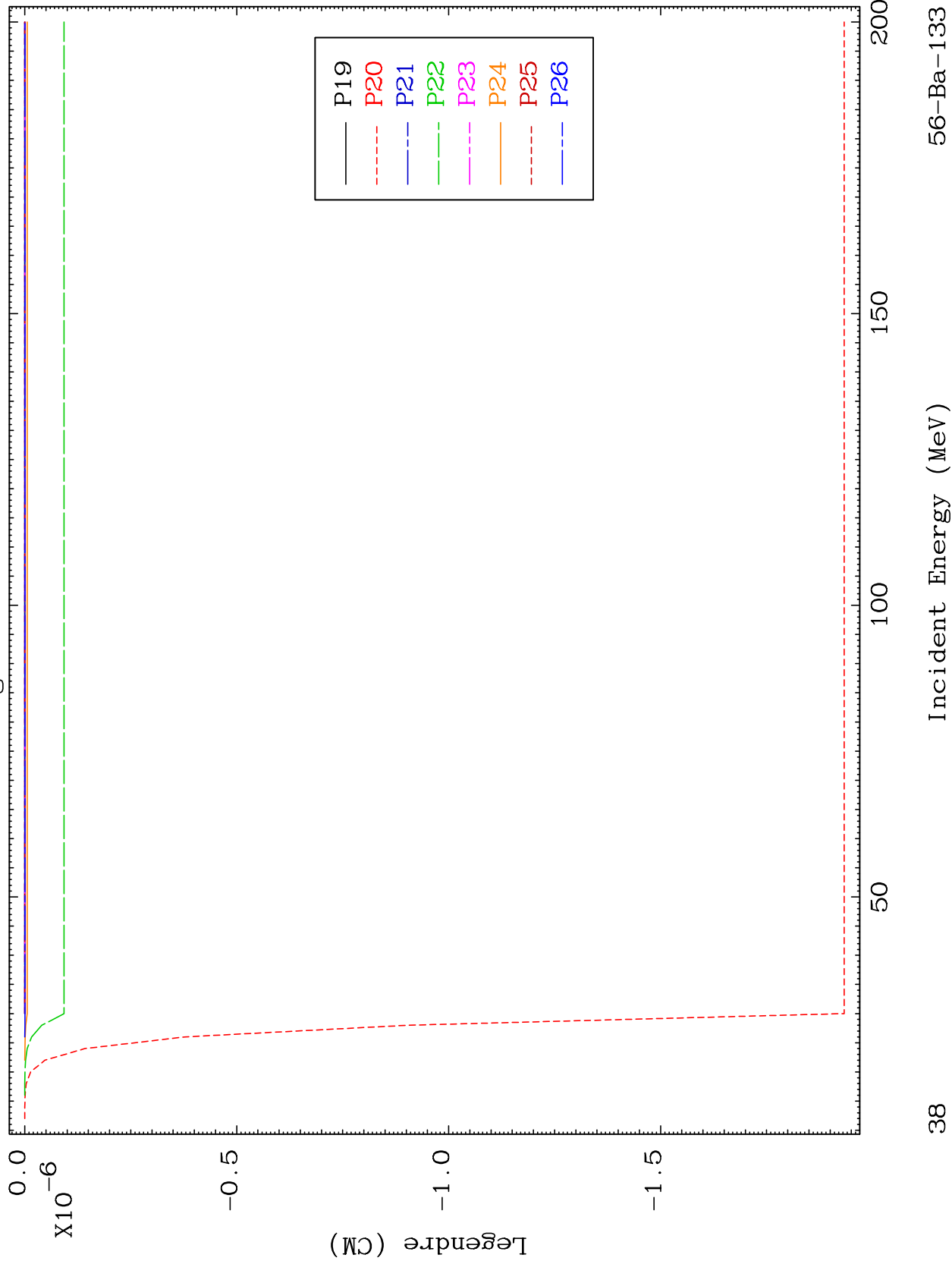
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



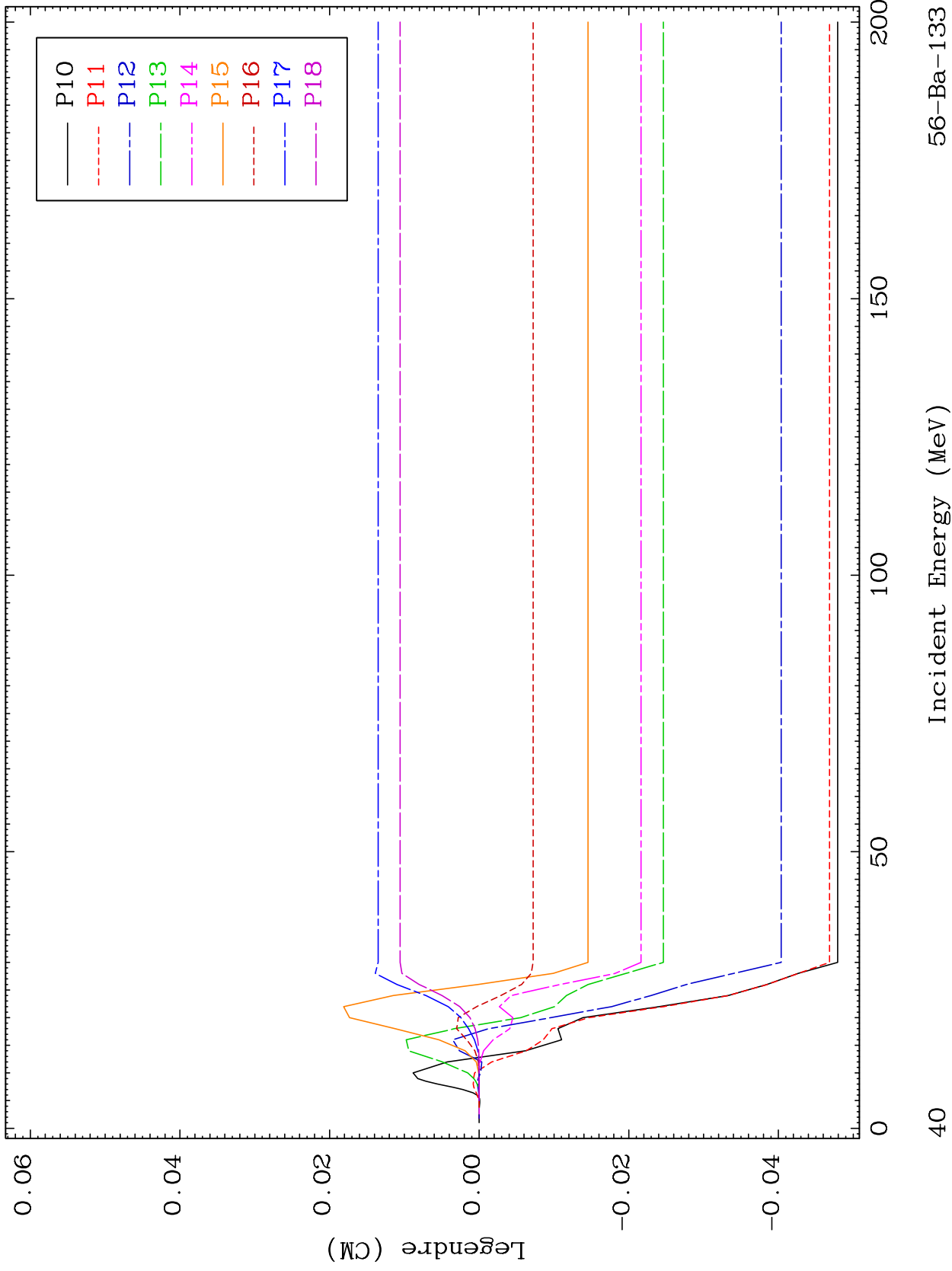
38

56-Ba-133

MAT 5634

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

56-Ba-133



56-Ba-133

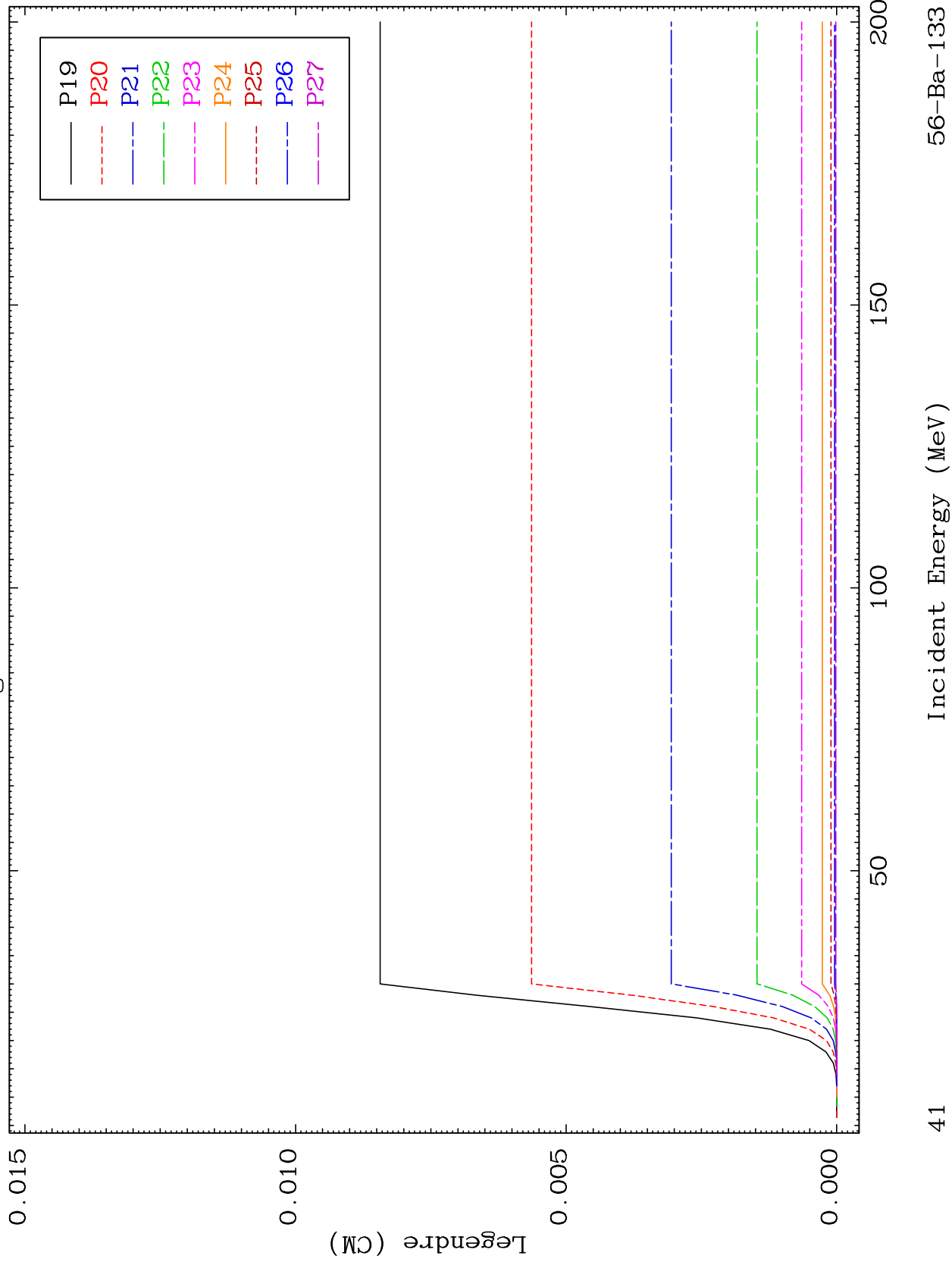
Incident Energy (MeV)

40

MAT 5634

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

56-Ba-133



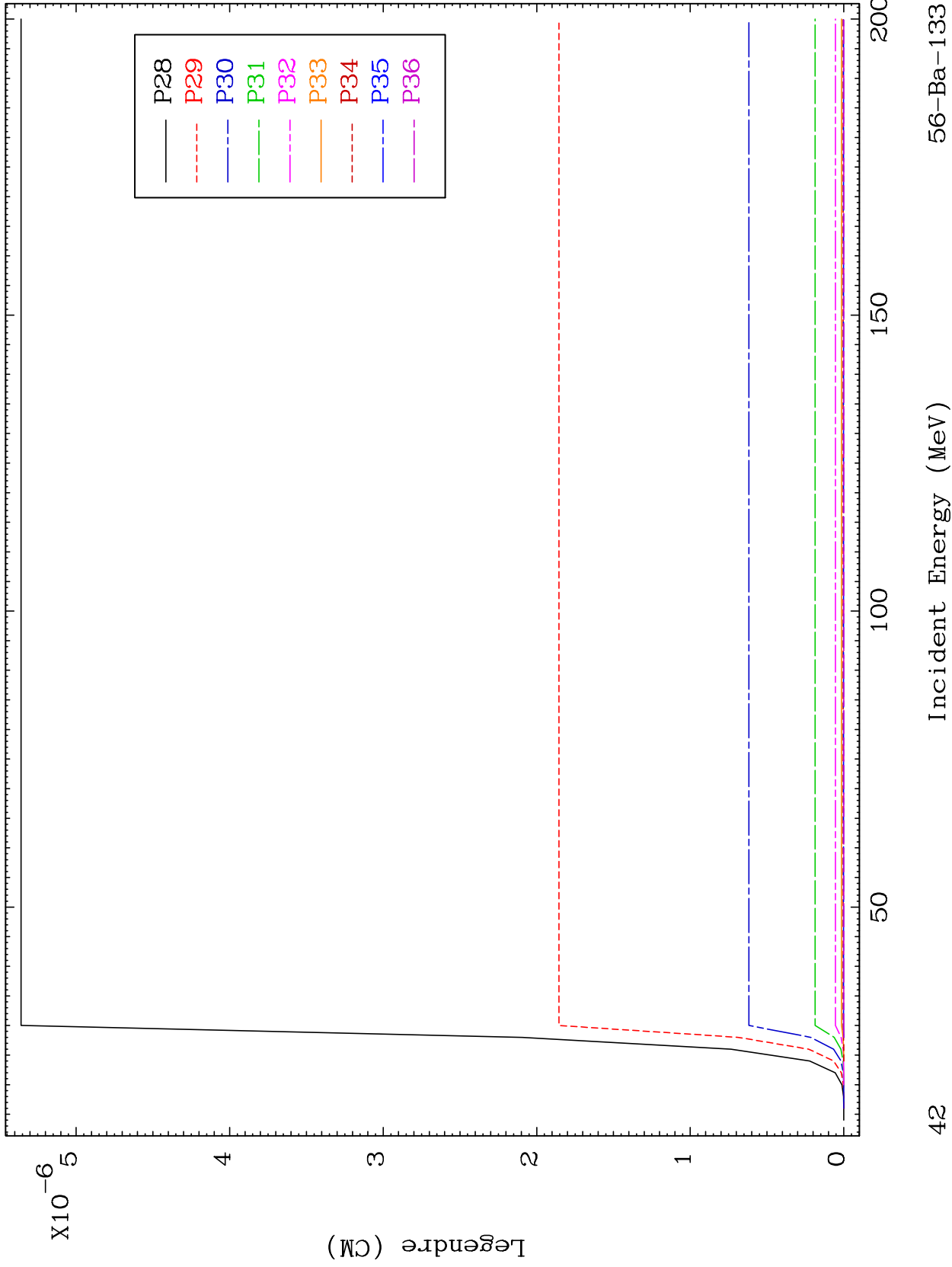
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56-Ba-133

MAT 5634

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

56-Ba-133



42

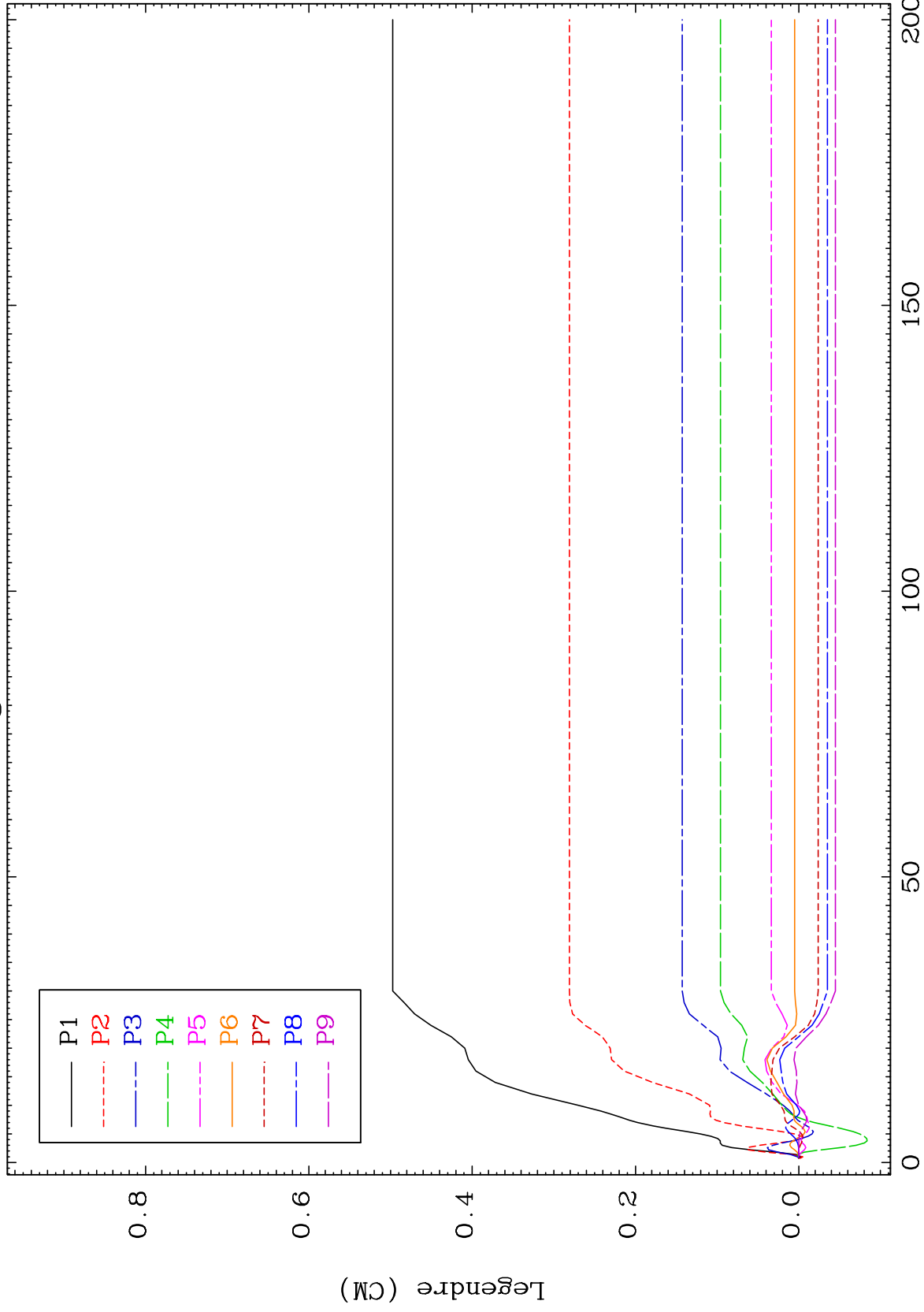
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



43

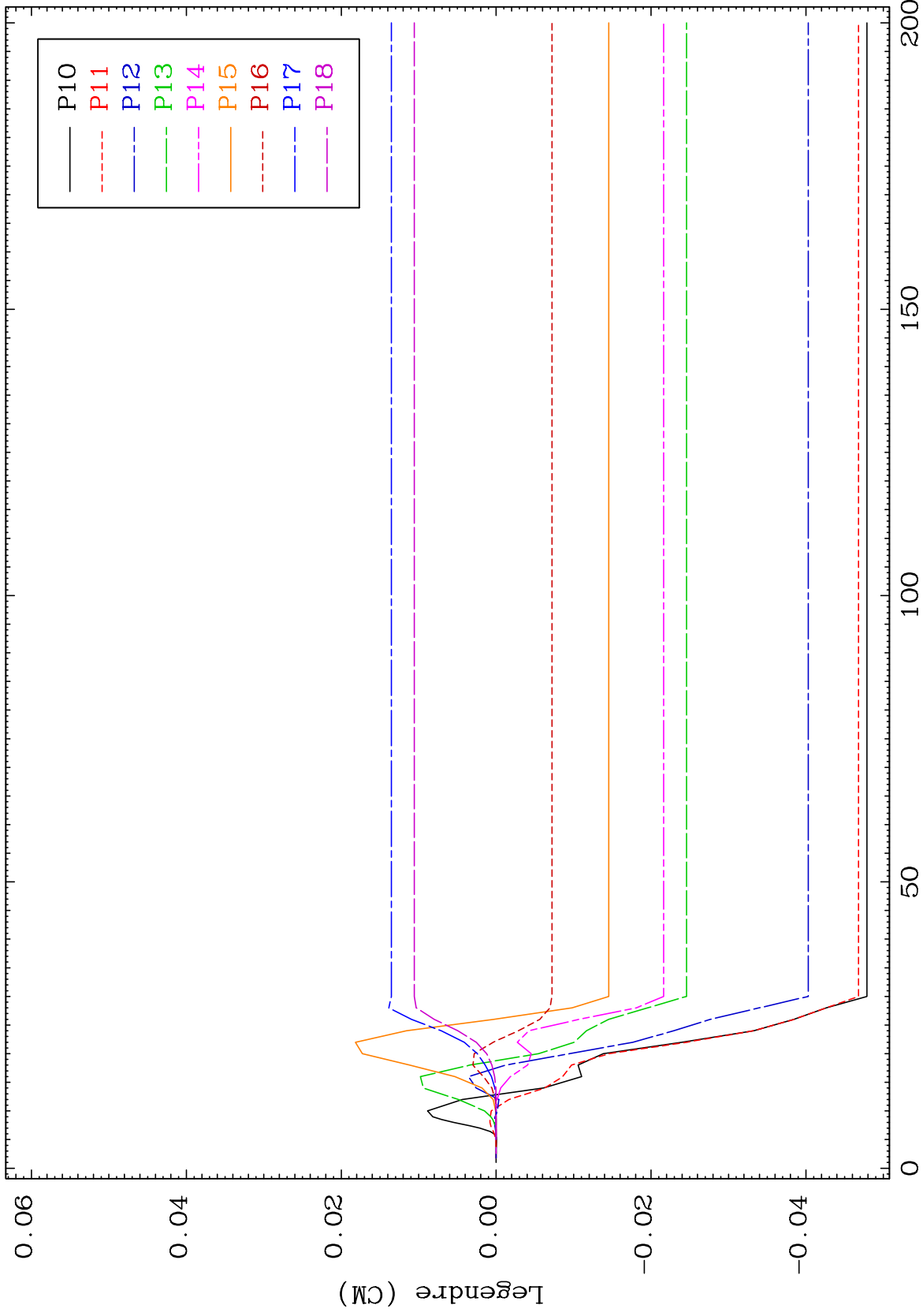
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



44

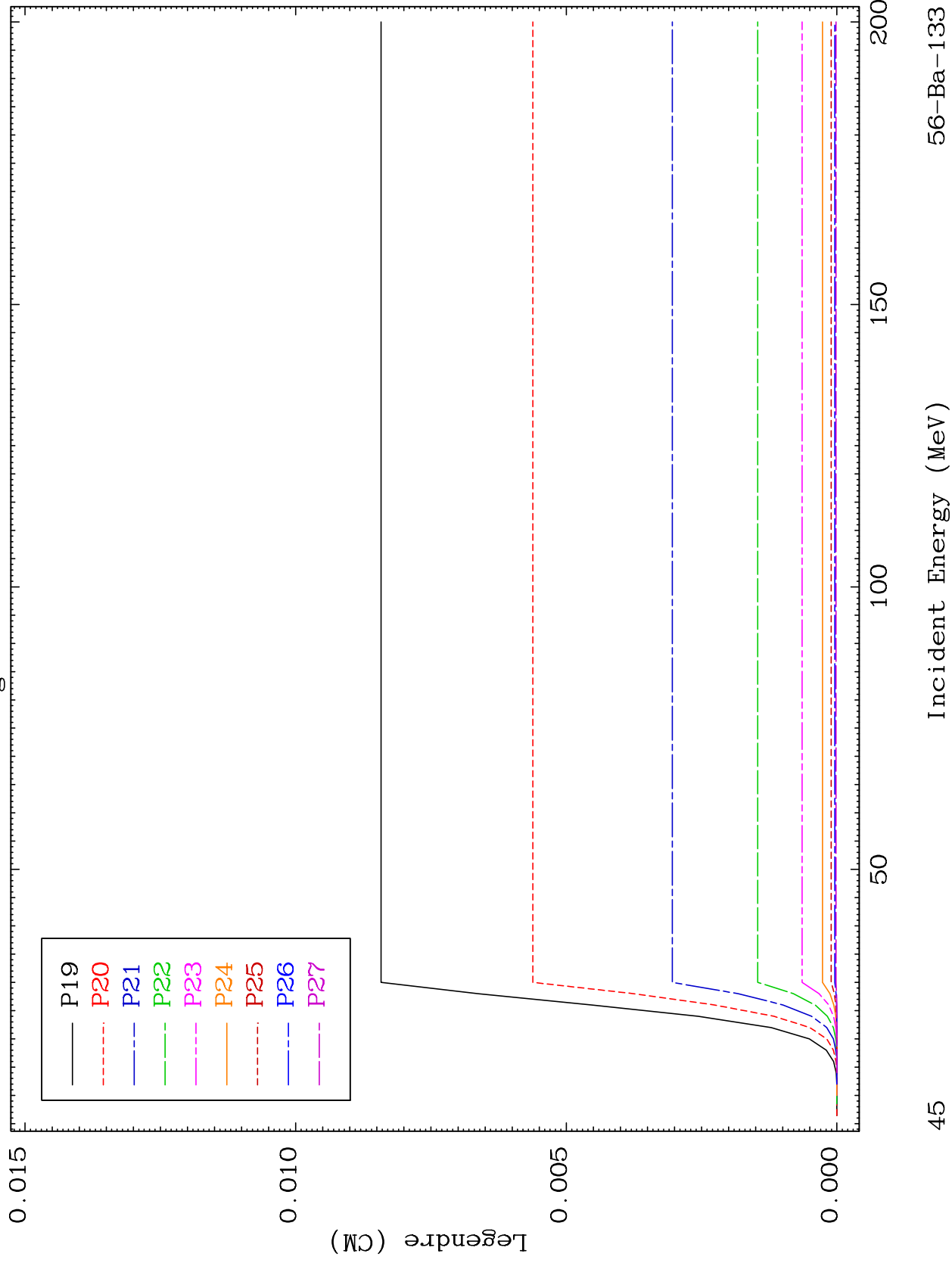
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



56-Ba-133

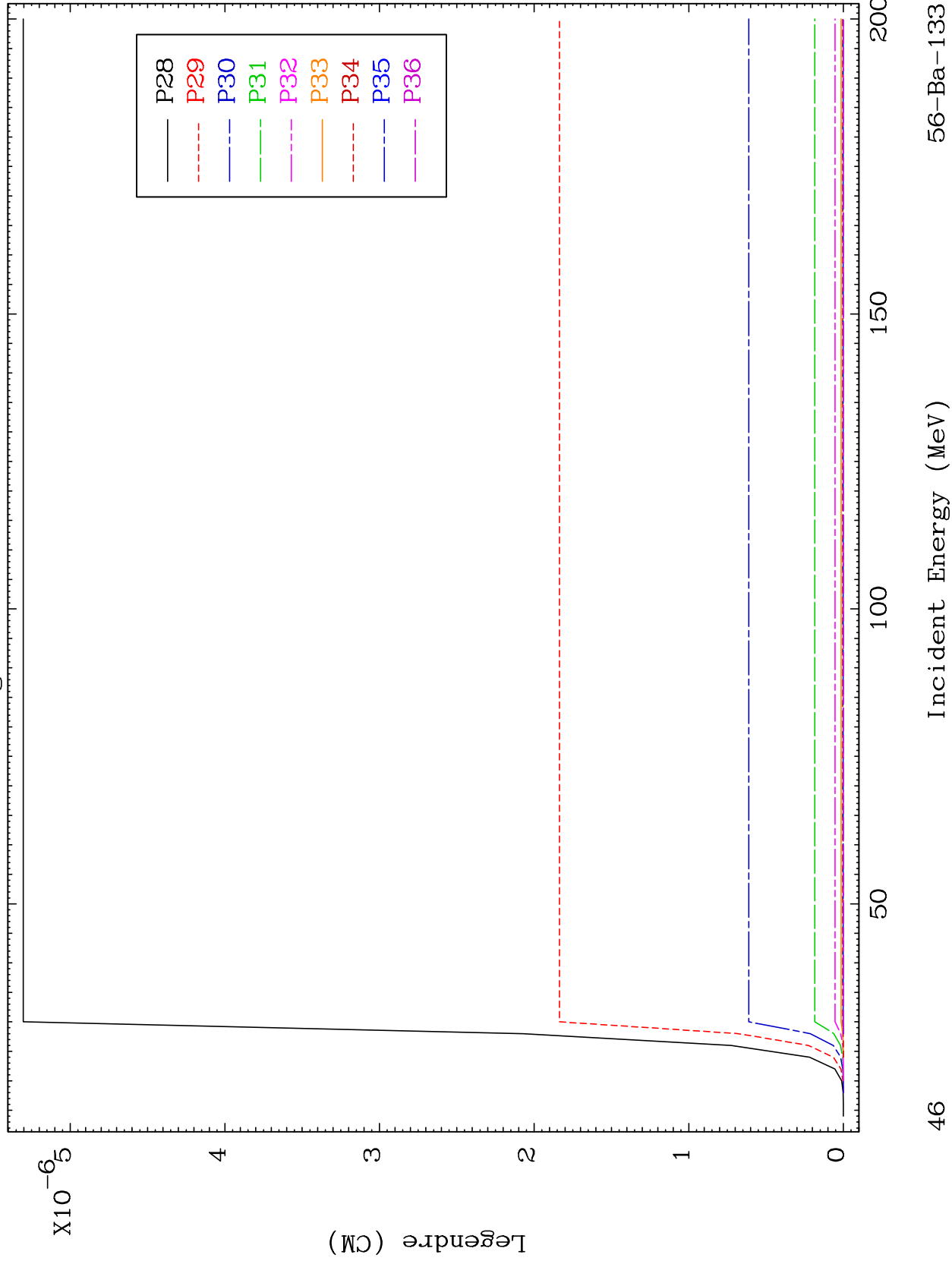
Incident Energy (MeV)

45

MAT 5634

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

56-Ba-133



46

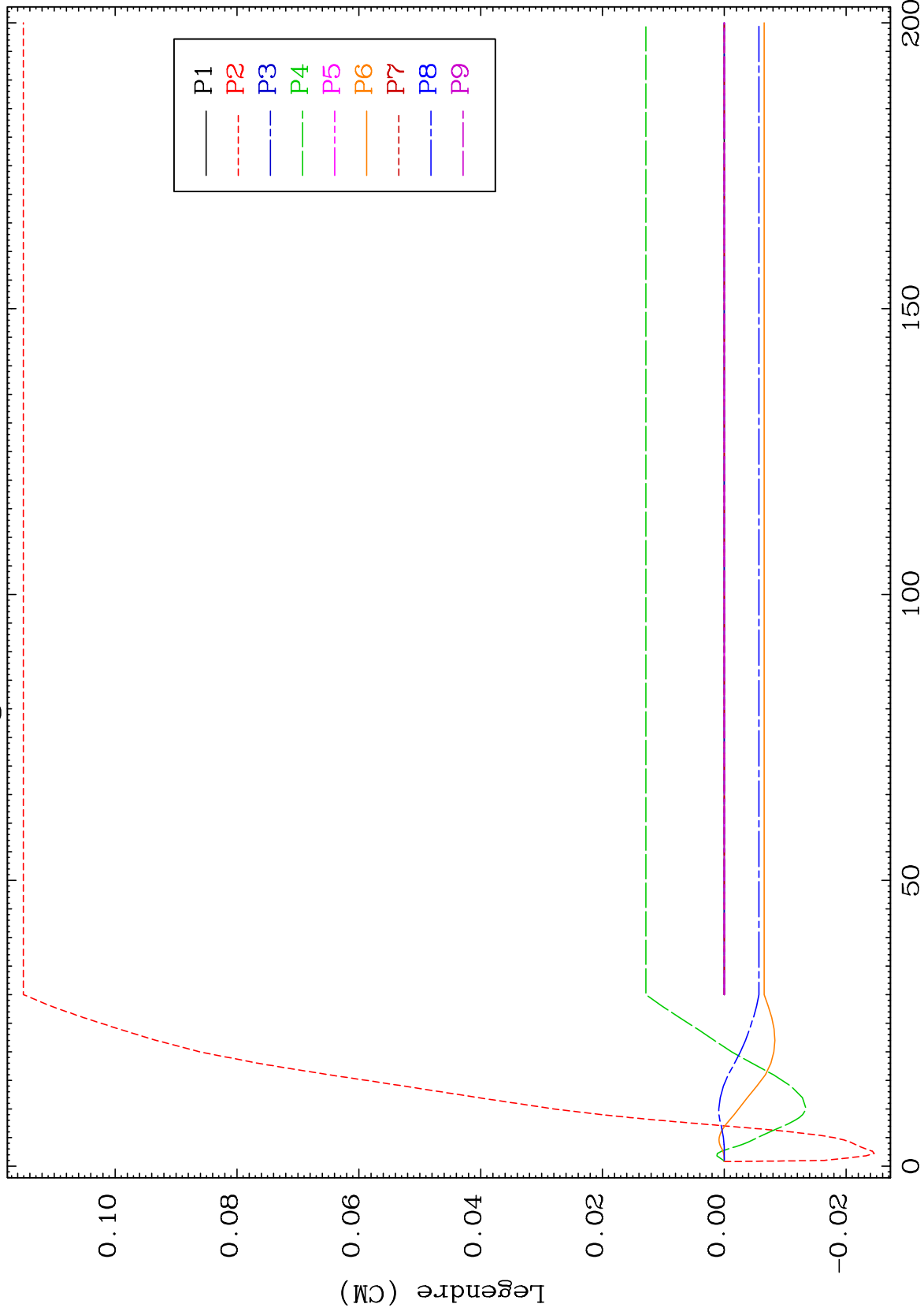
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



56-Ba-133

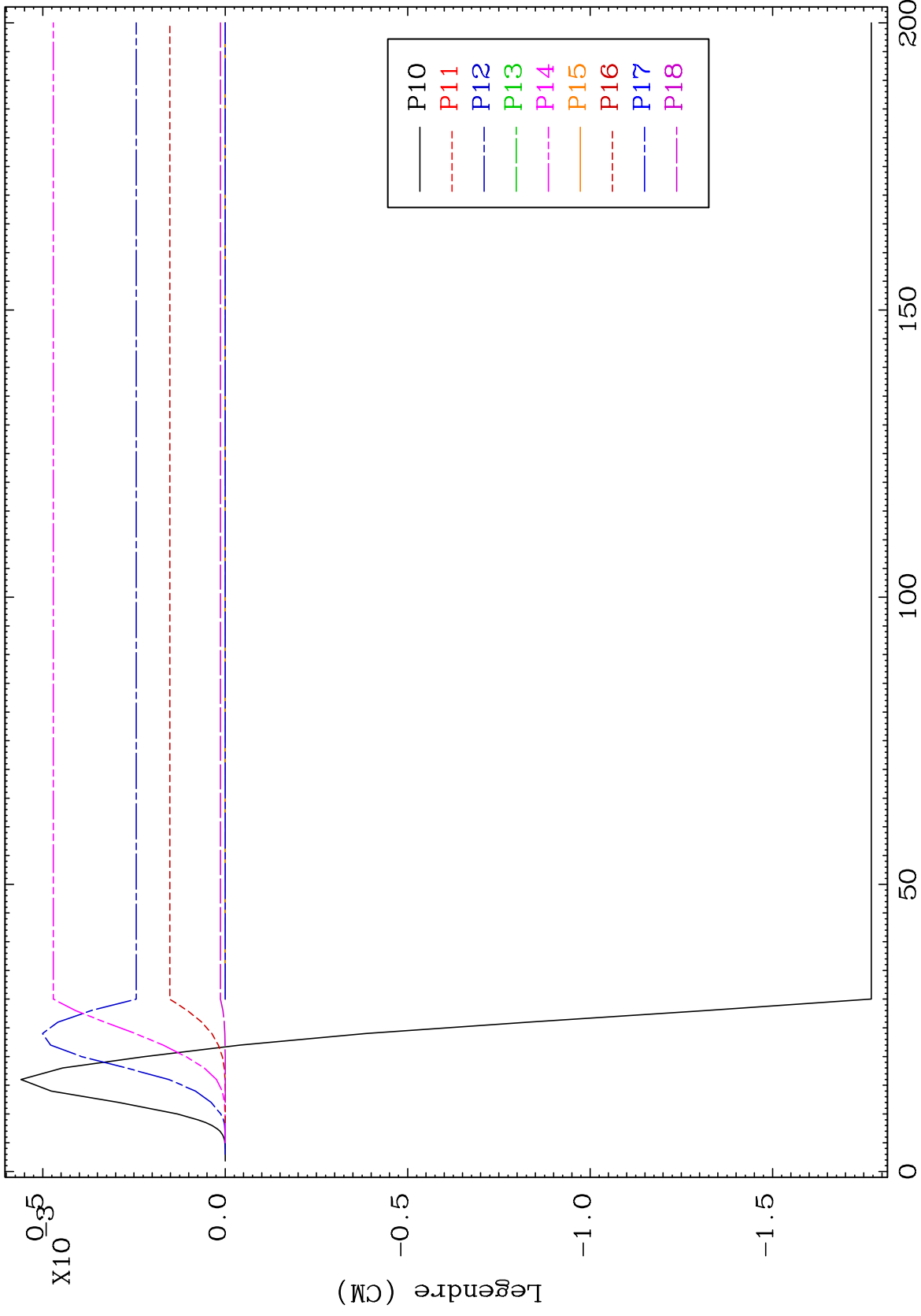
Incident Energy (MeV)

47

MAT 5634

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

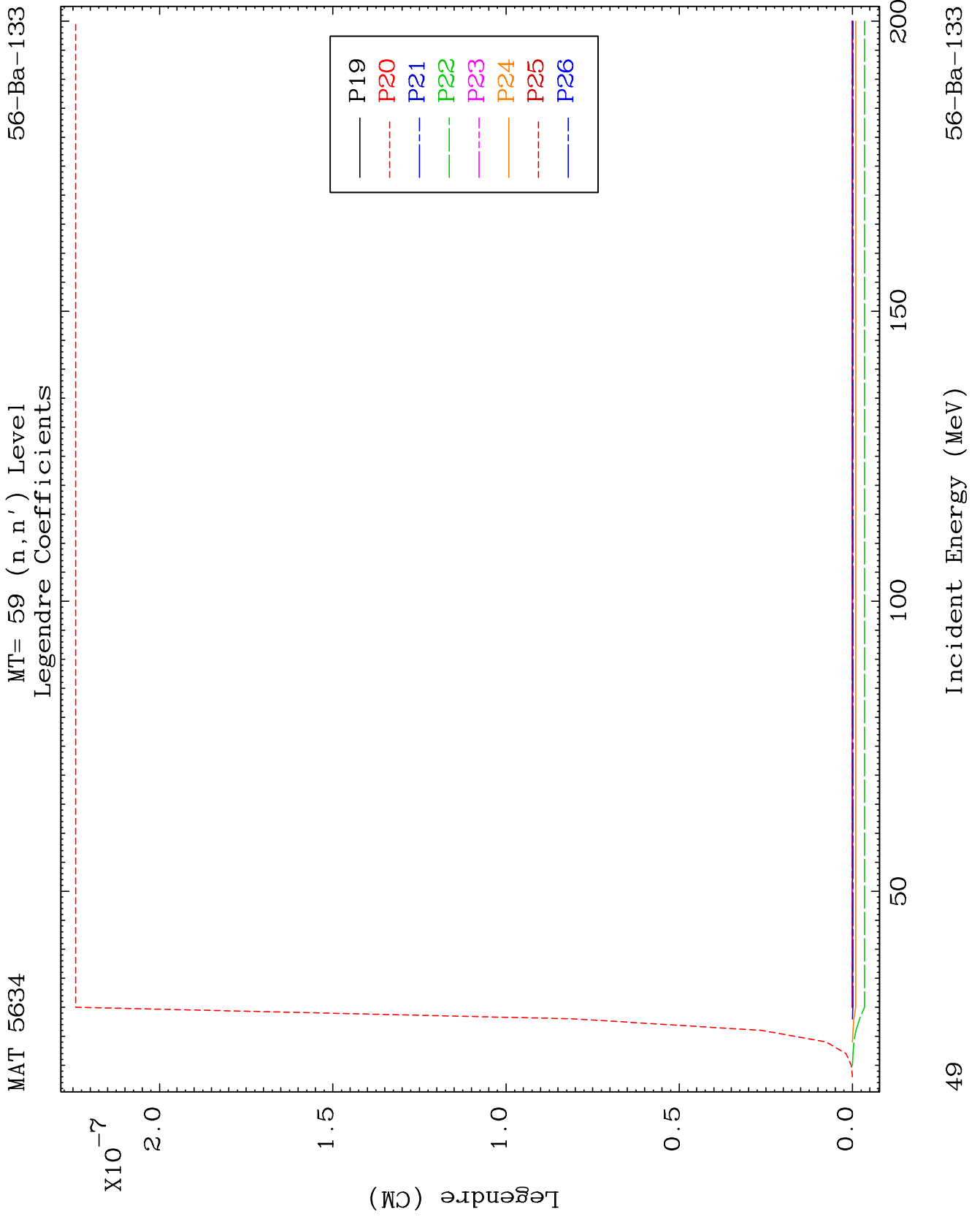
56-Ba-133



48

Incident Energy (MeV)

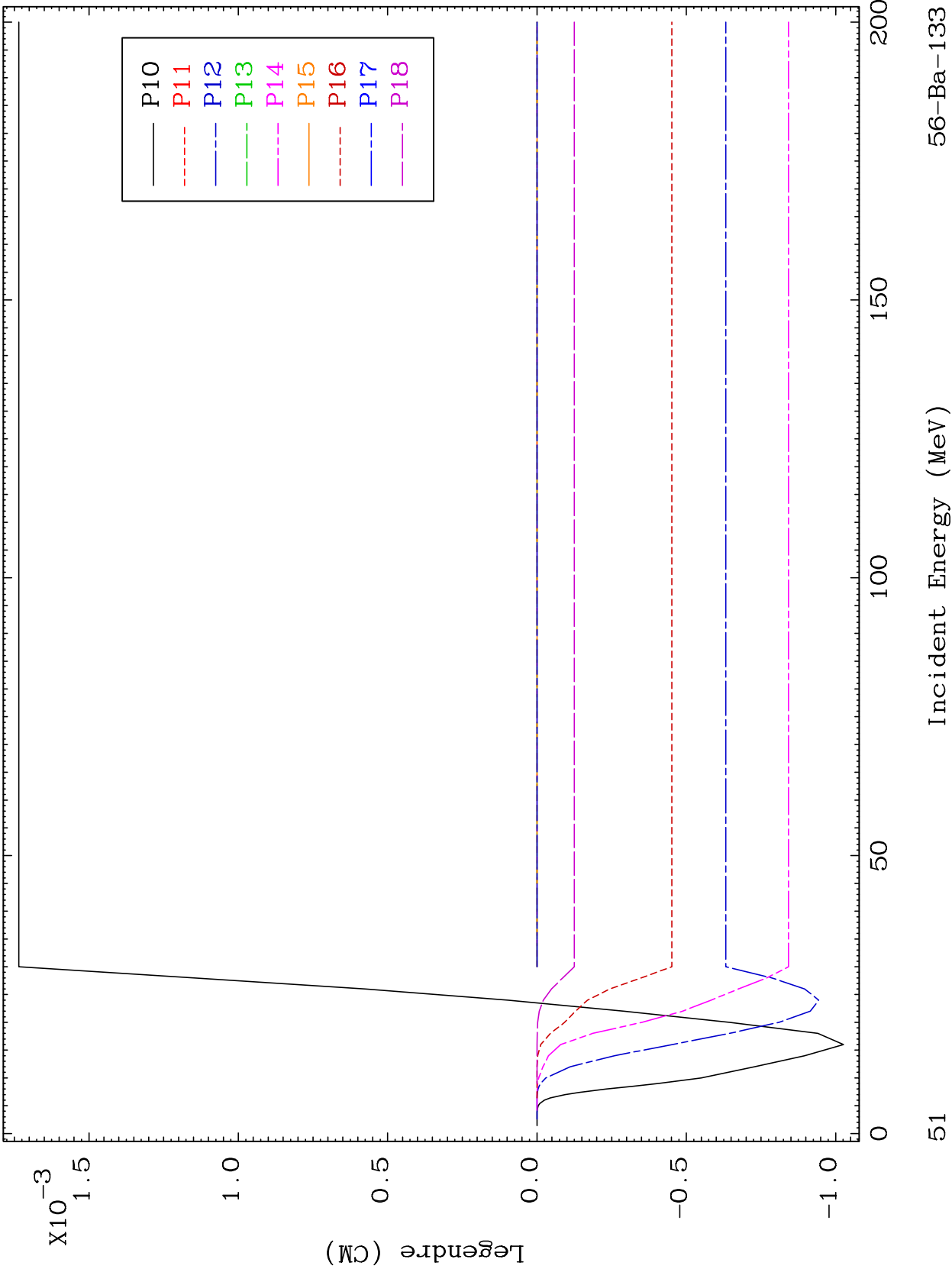
56-Ba-133



MAT 5634

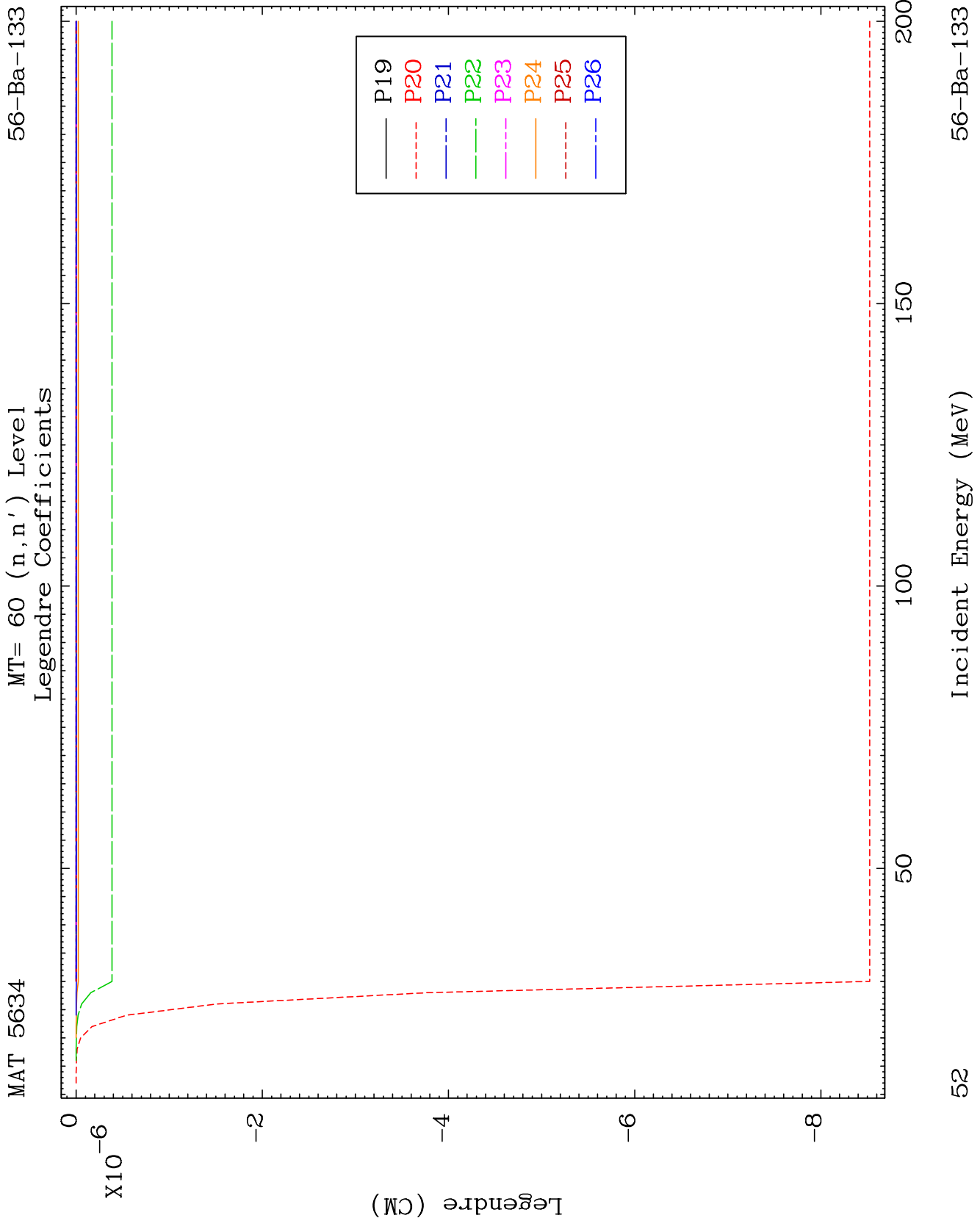
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Legendre Coefficients

56-Ba-133



51

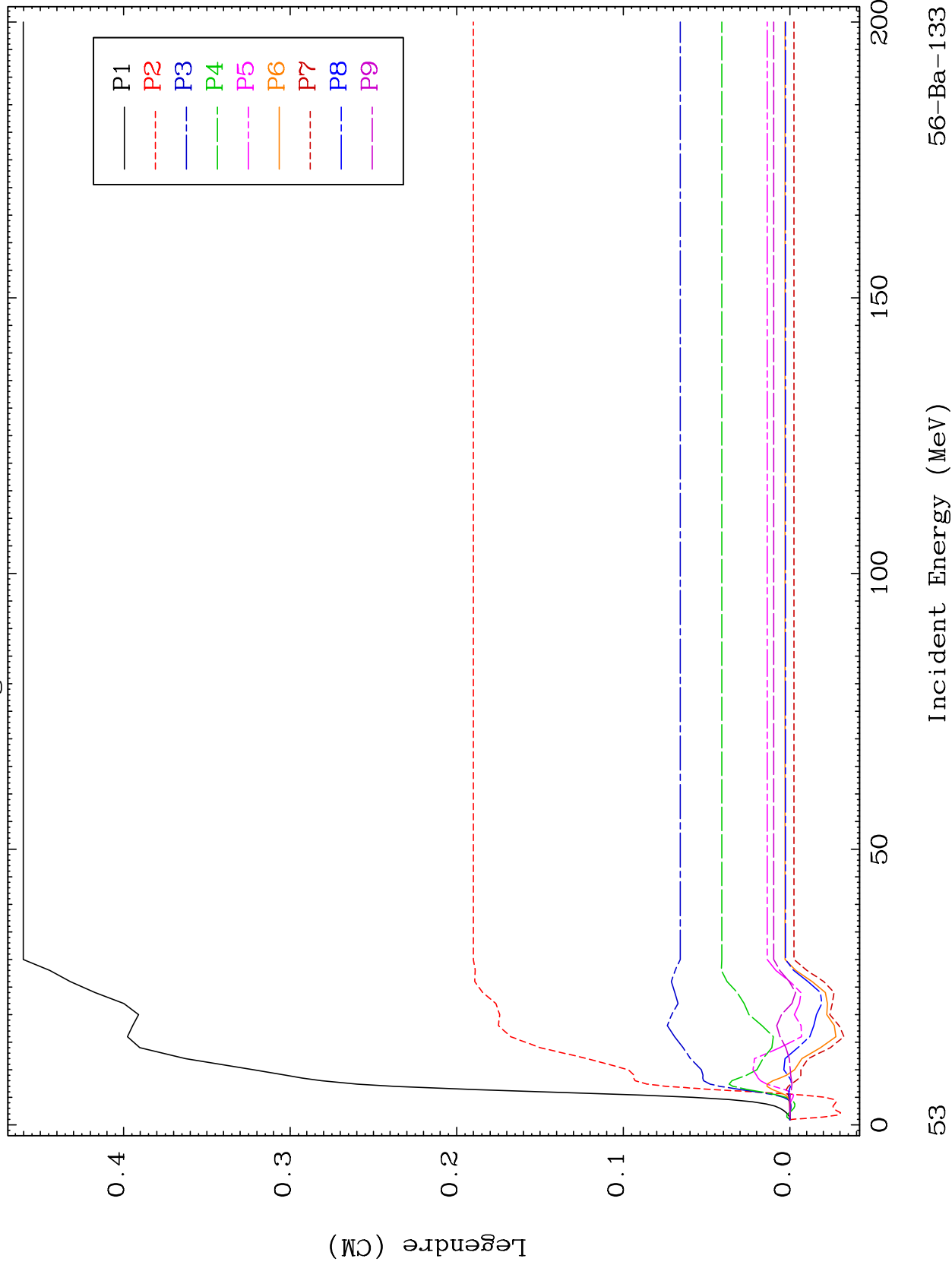
56-Ba-133



MAT 5634

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

56-Ba-133



56-Ba-133

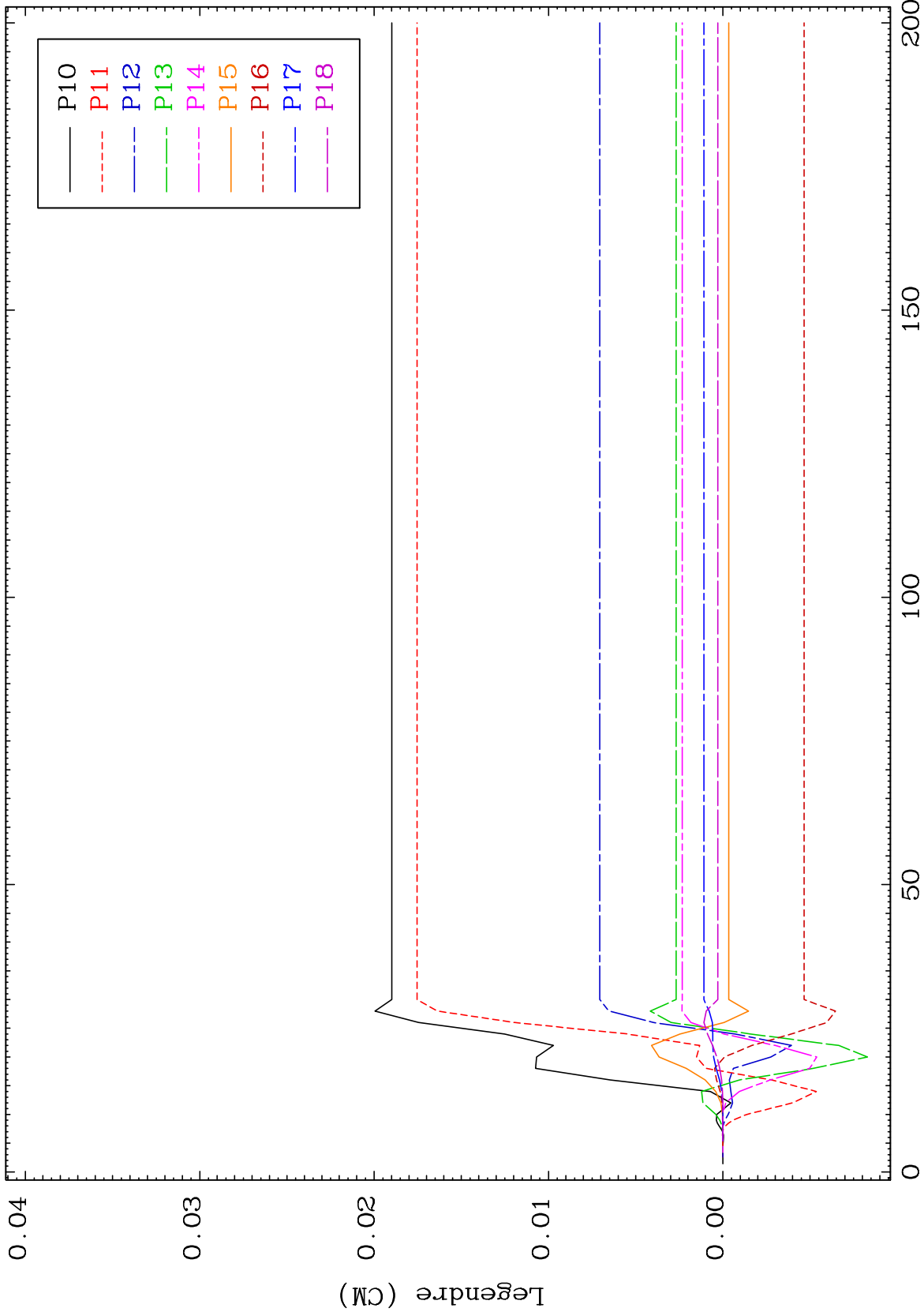
Incident Energy (MeV)

53

MAT 5634

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

56-Ba-133



56-Ba-133

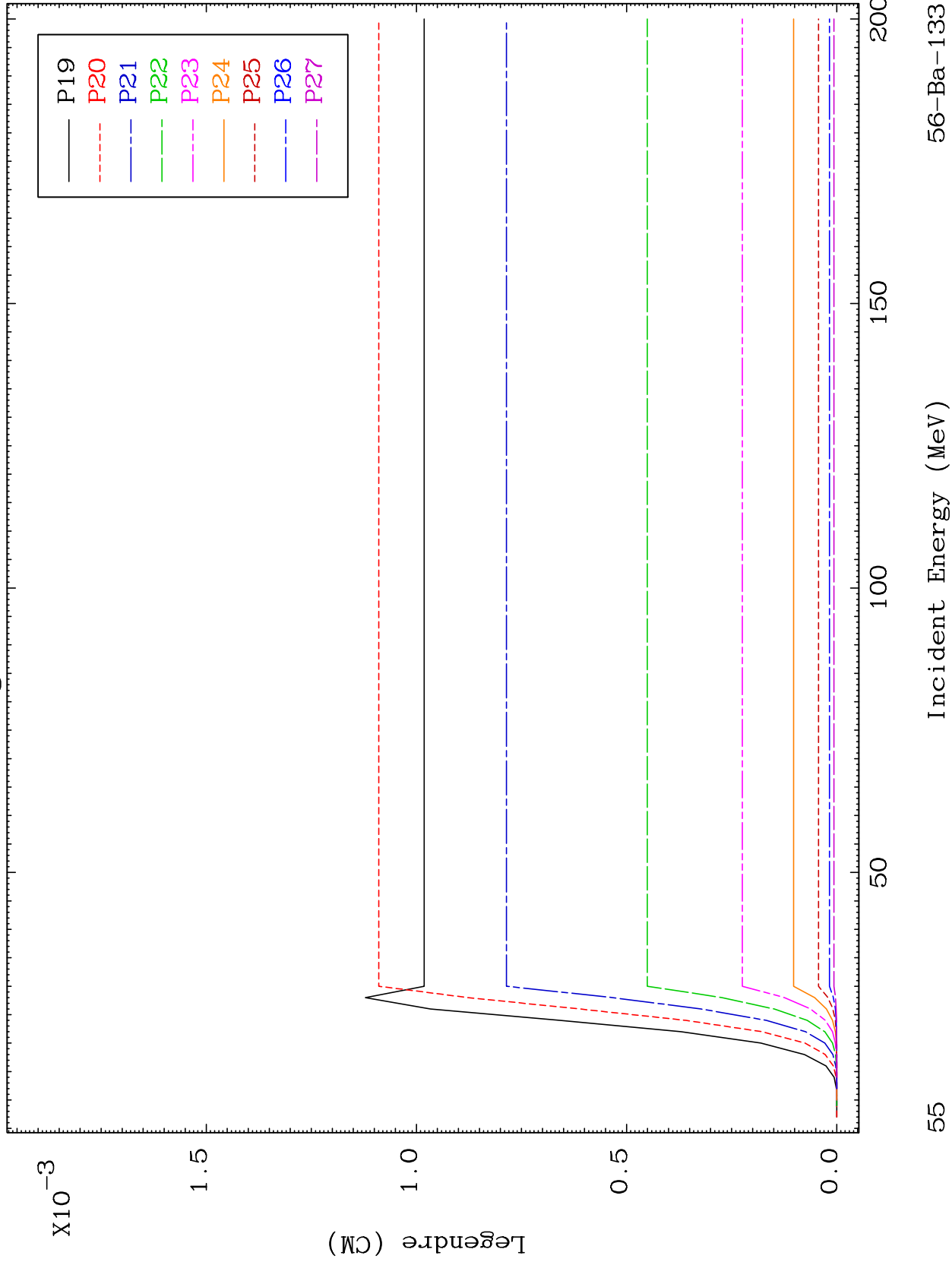
Incident Energy (MeV)

54

MAT 5634

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

56-Ba-133



55

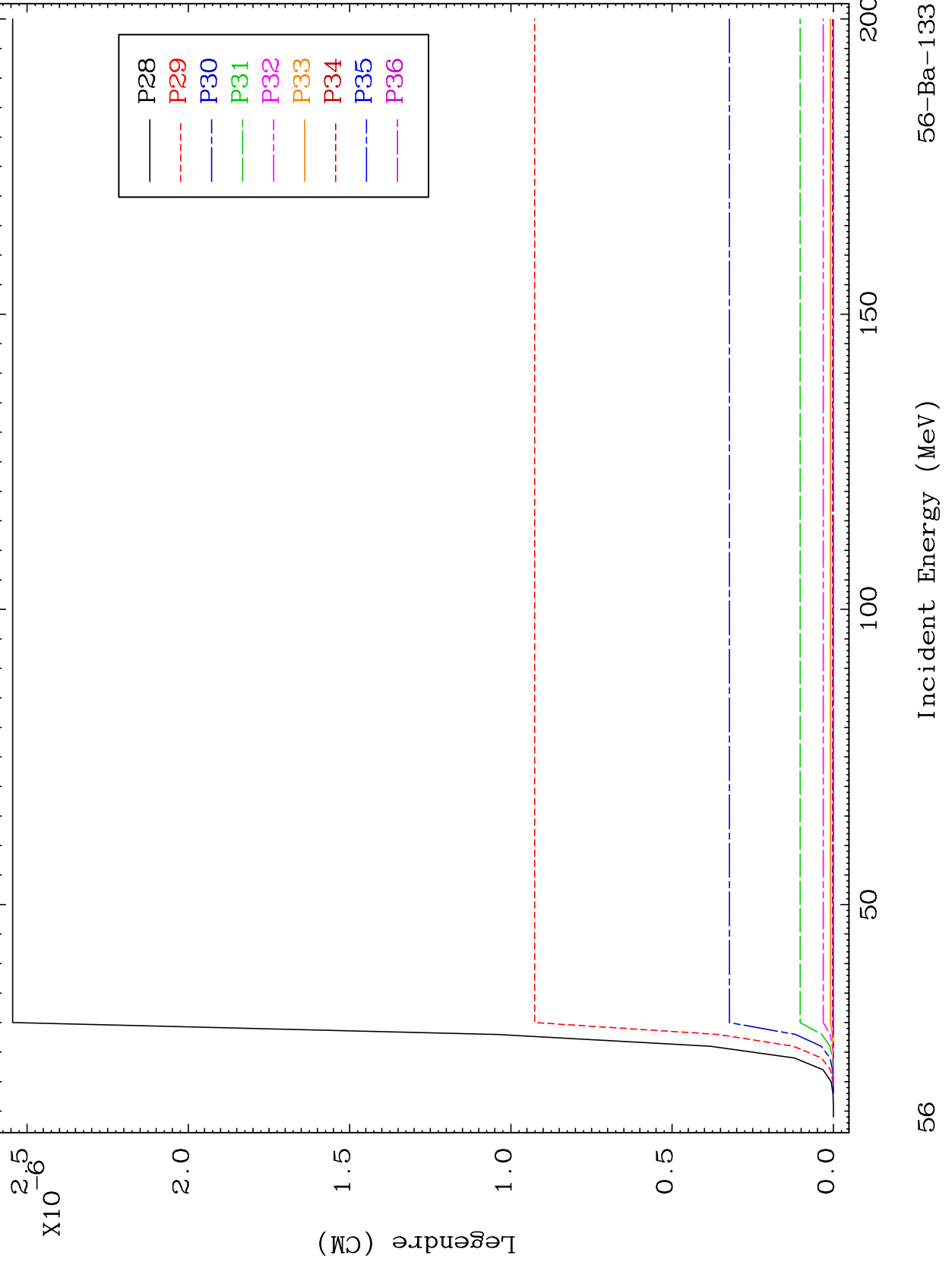
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

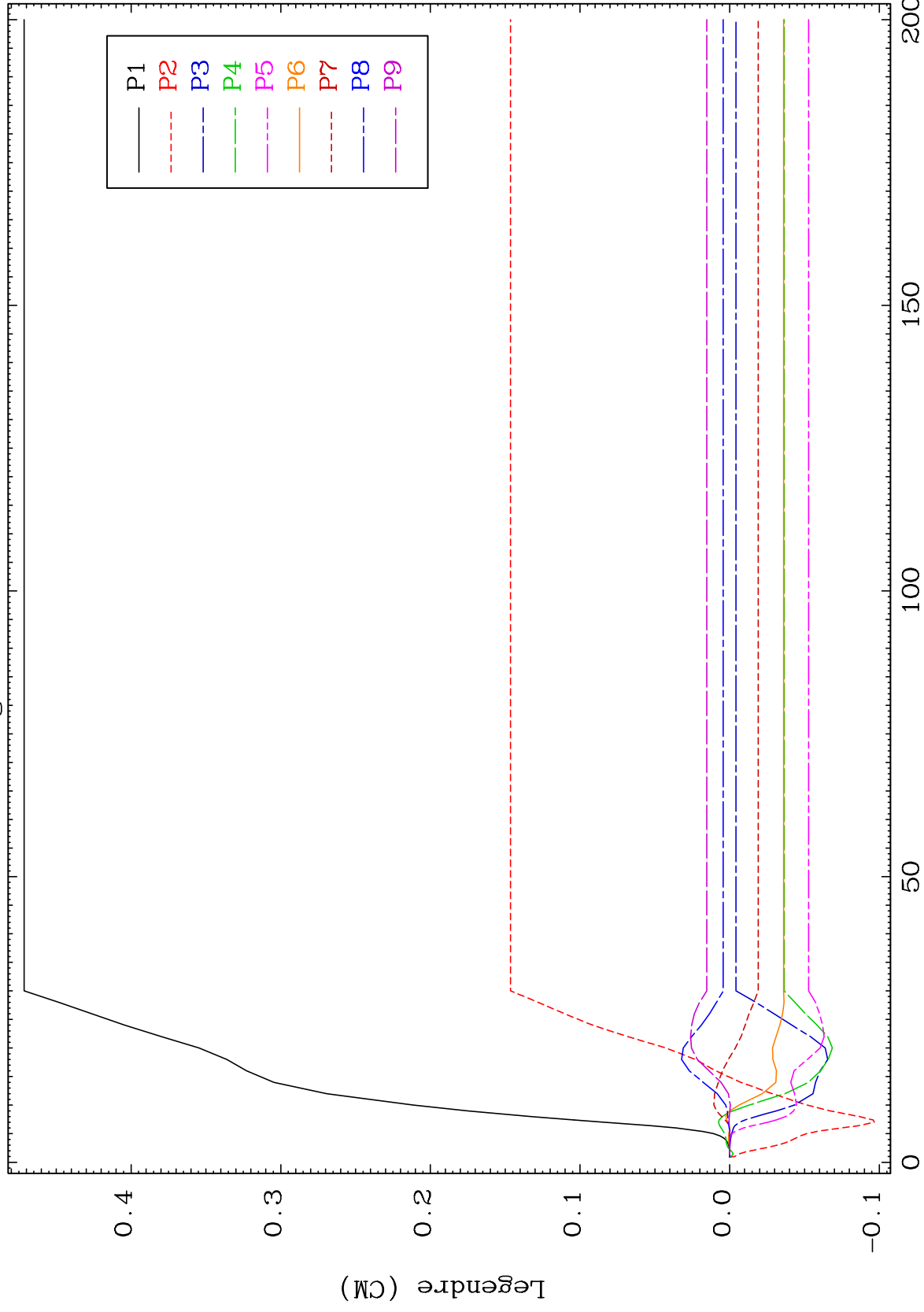
56-Ba-133



MAT 5634

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

56-Ba-133



57

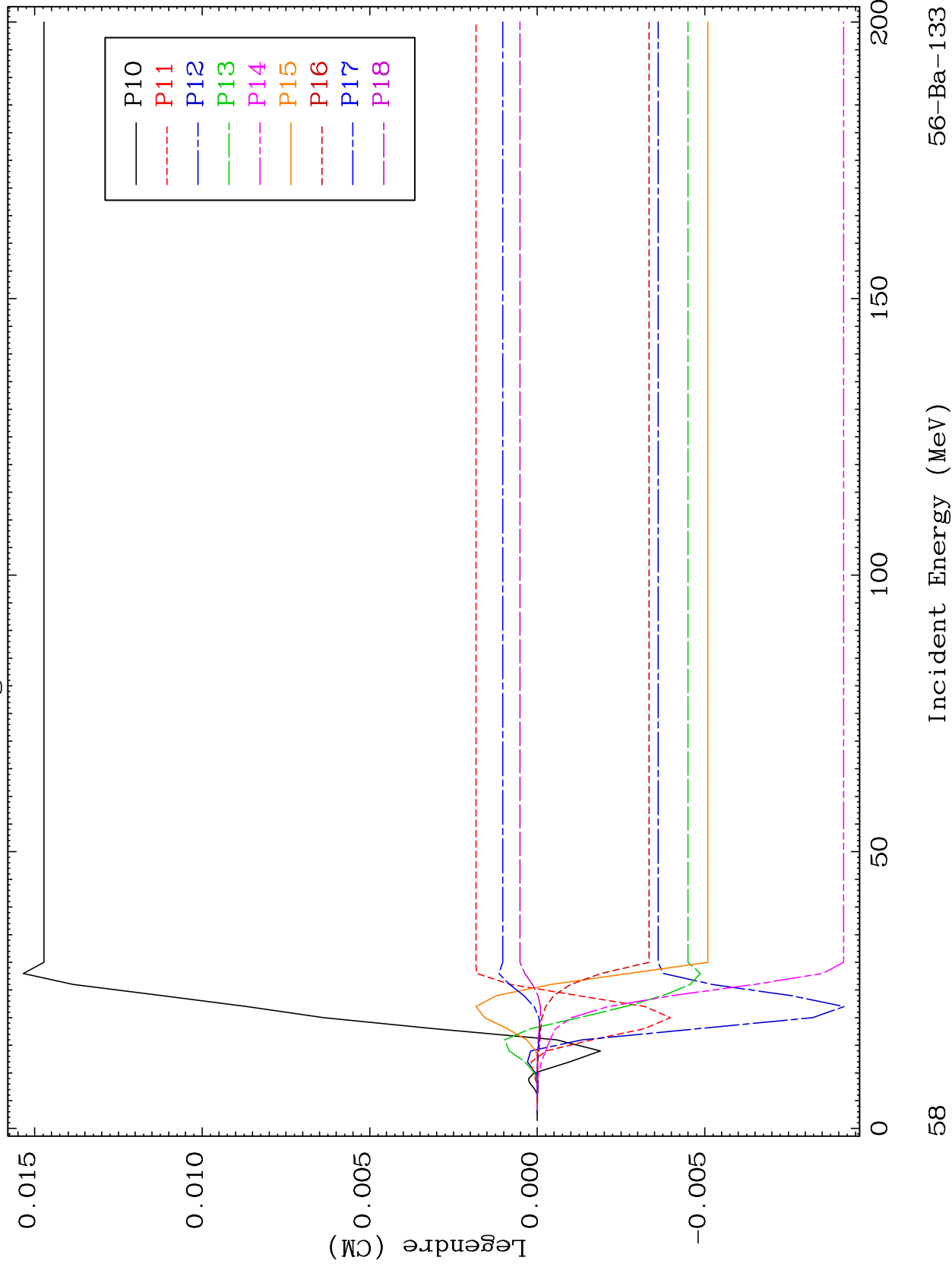
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



56-Ba-133

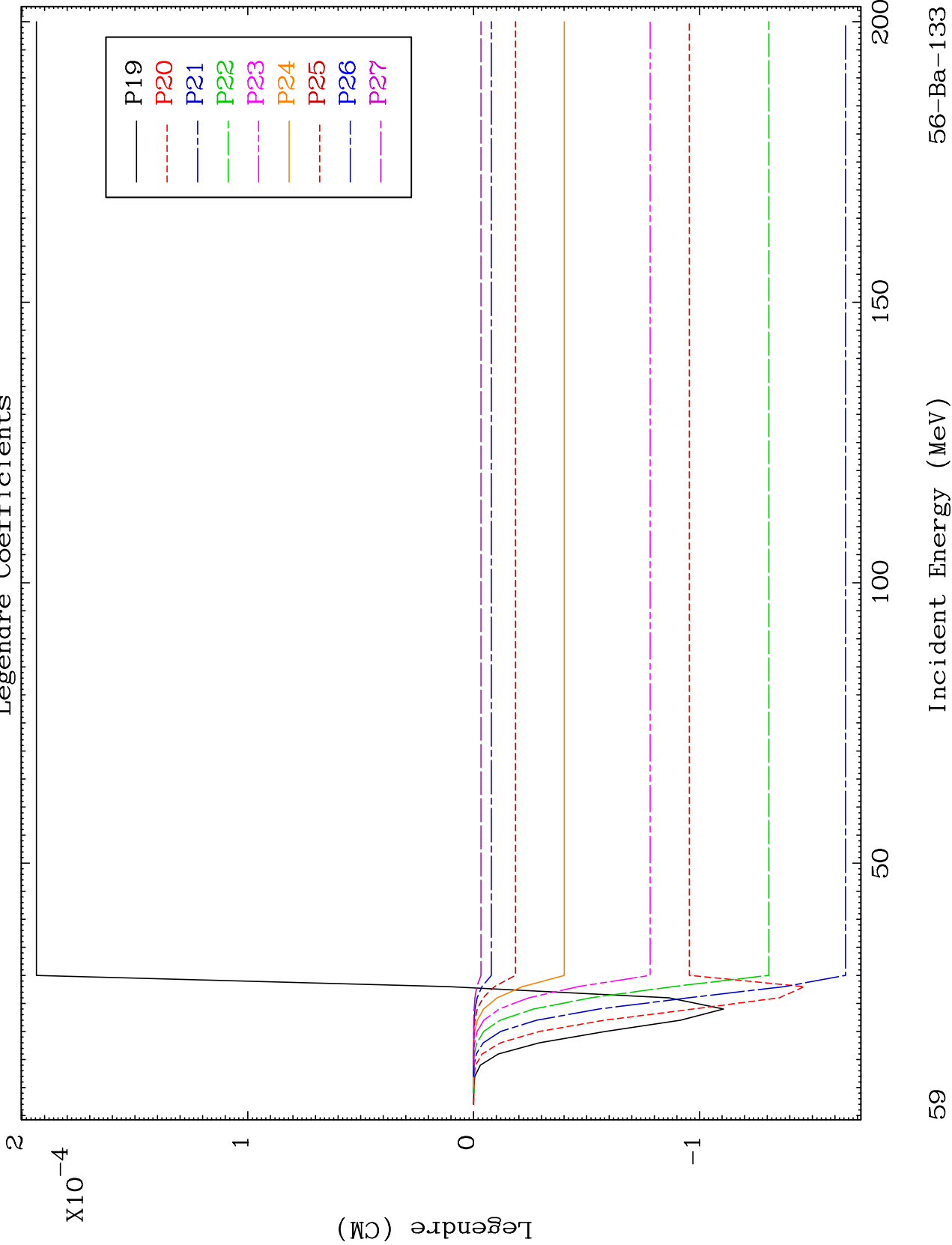
Incident Energy (MeV)

58

MAT 5634

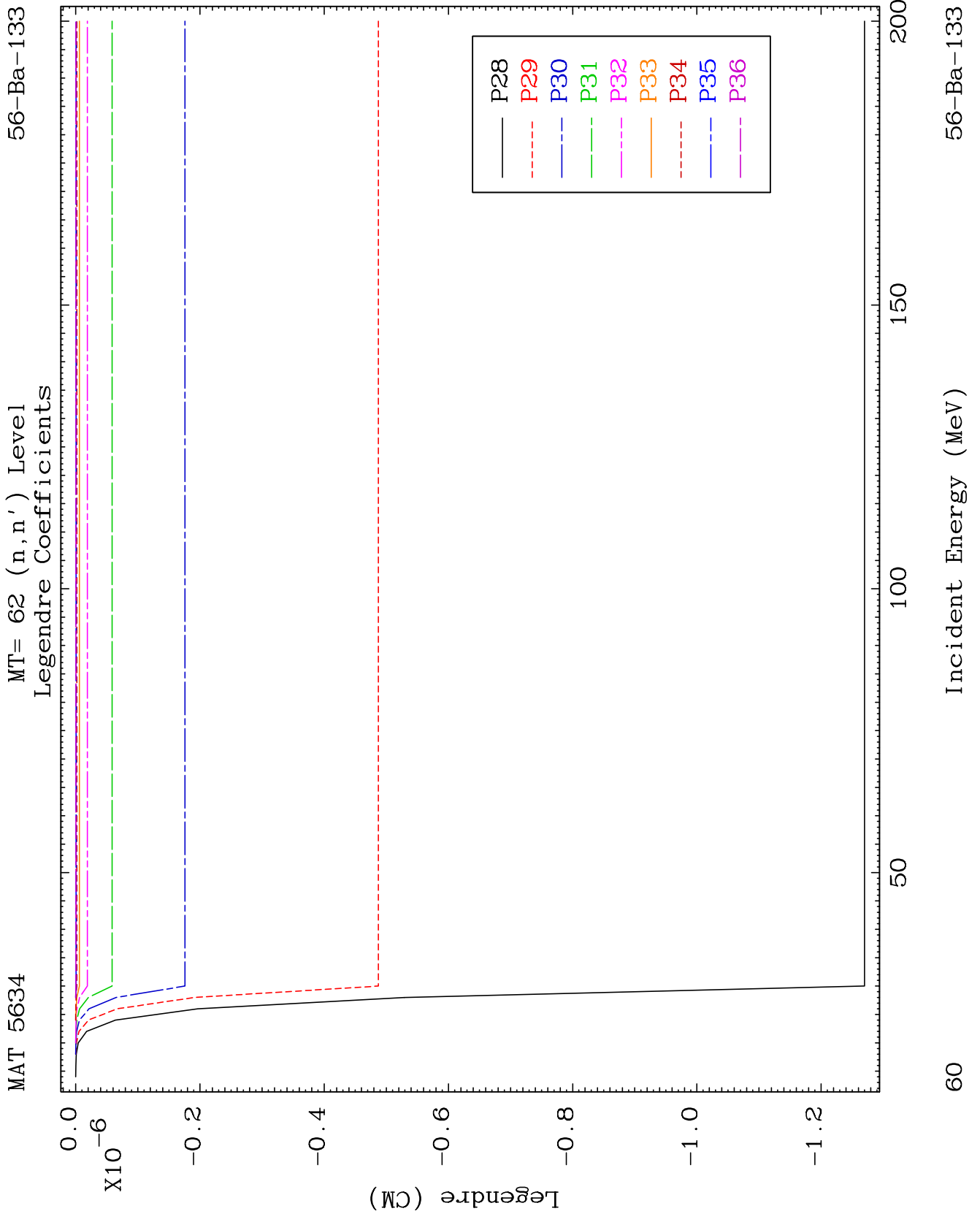
MT= 62 (n,n') Level
Legendre Coefficients

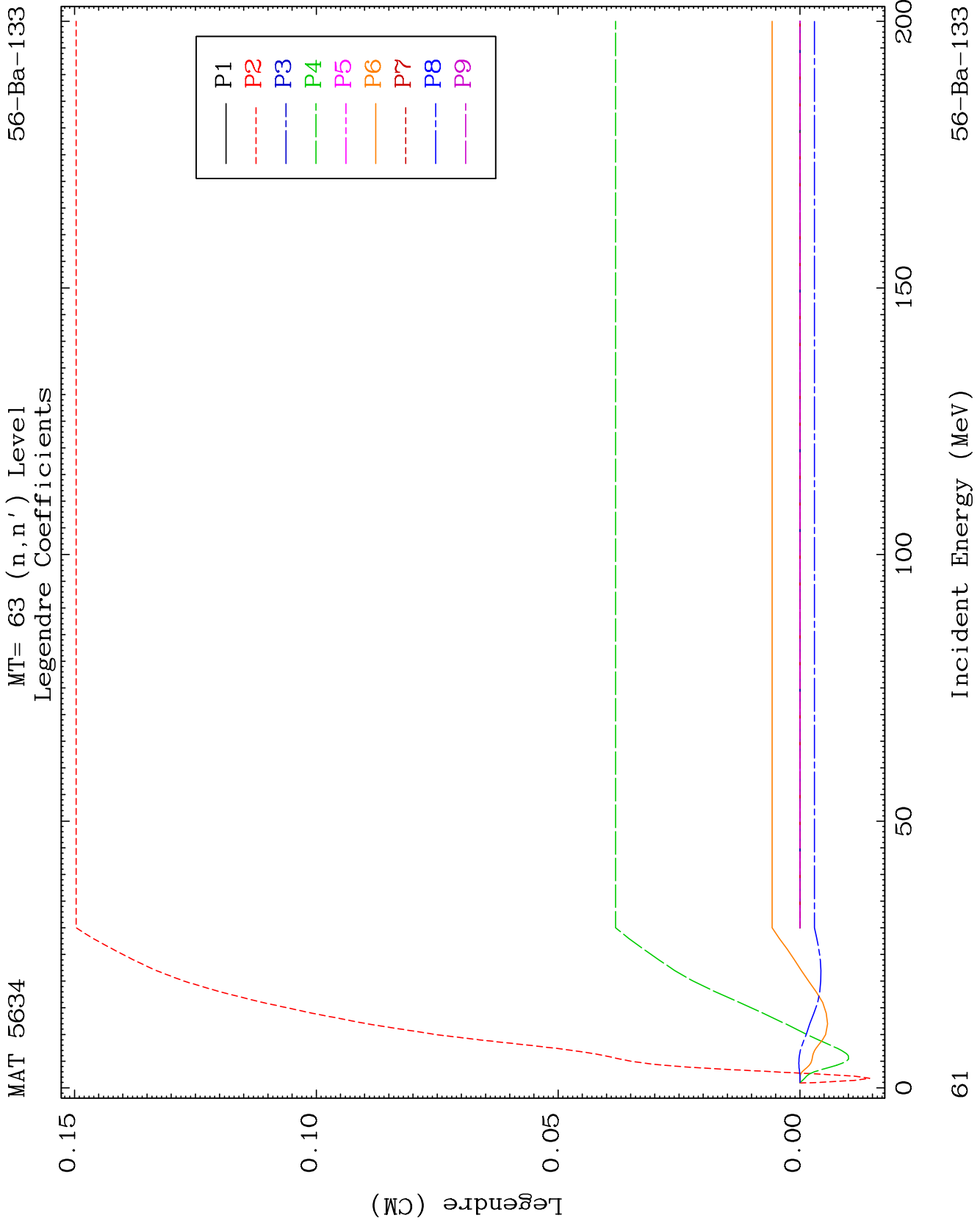
56-Ba-133



59

56-Ba-133



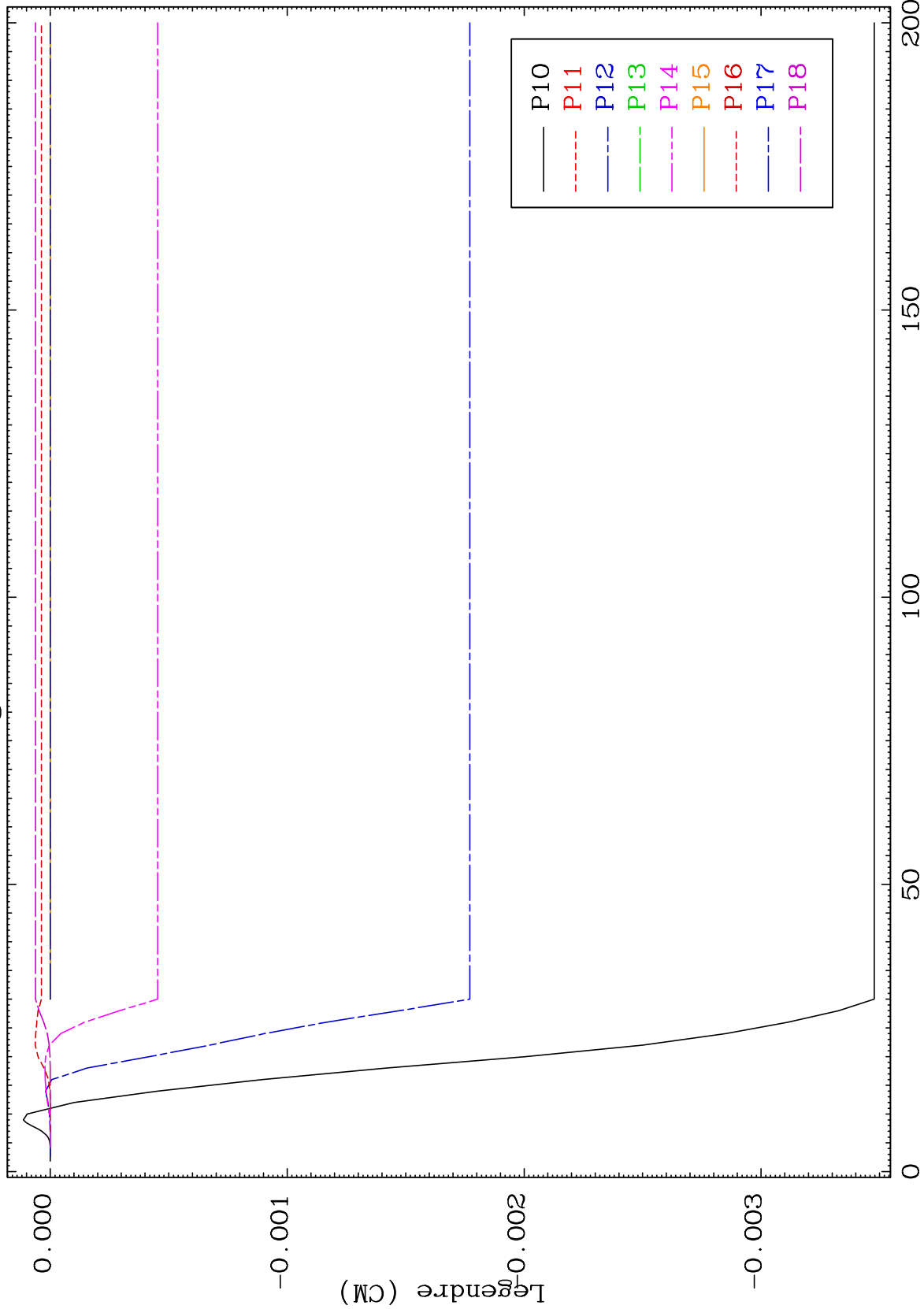


MAT 5634

MT= 63 (n,n') Level

56-Ba-133

Legendre Coefficients



62

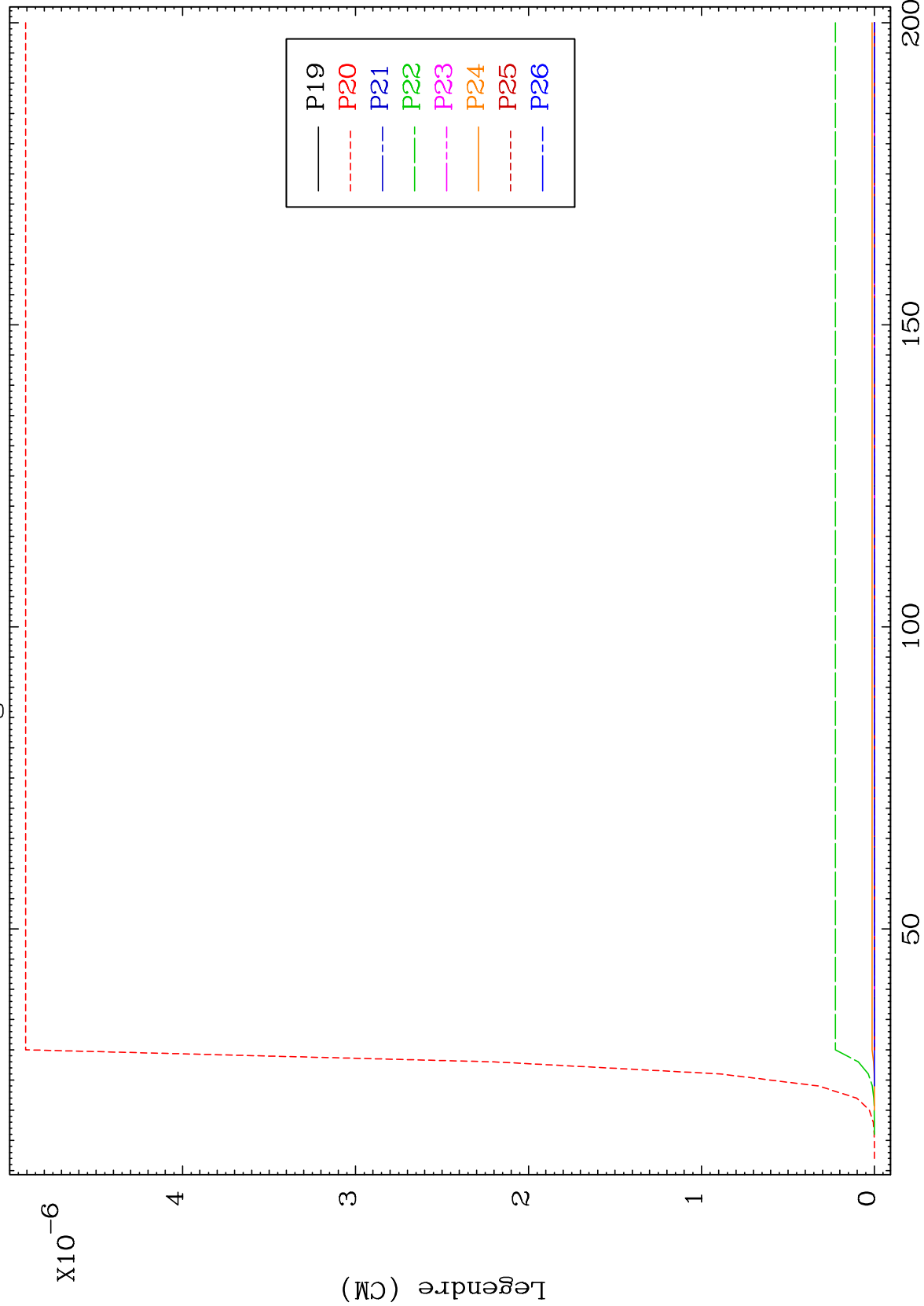
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



56-Ba-133

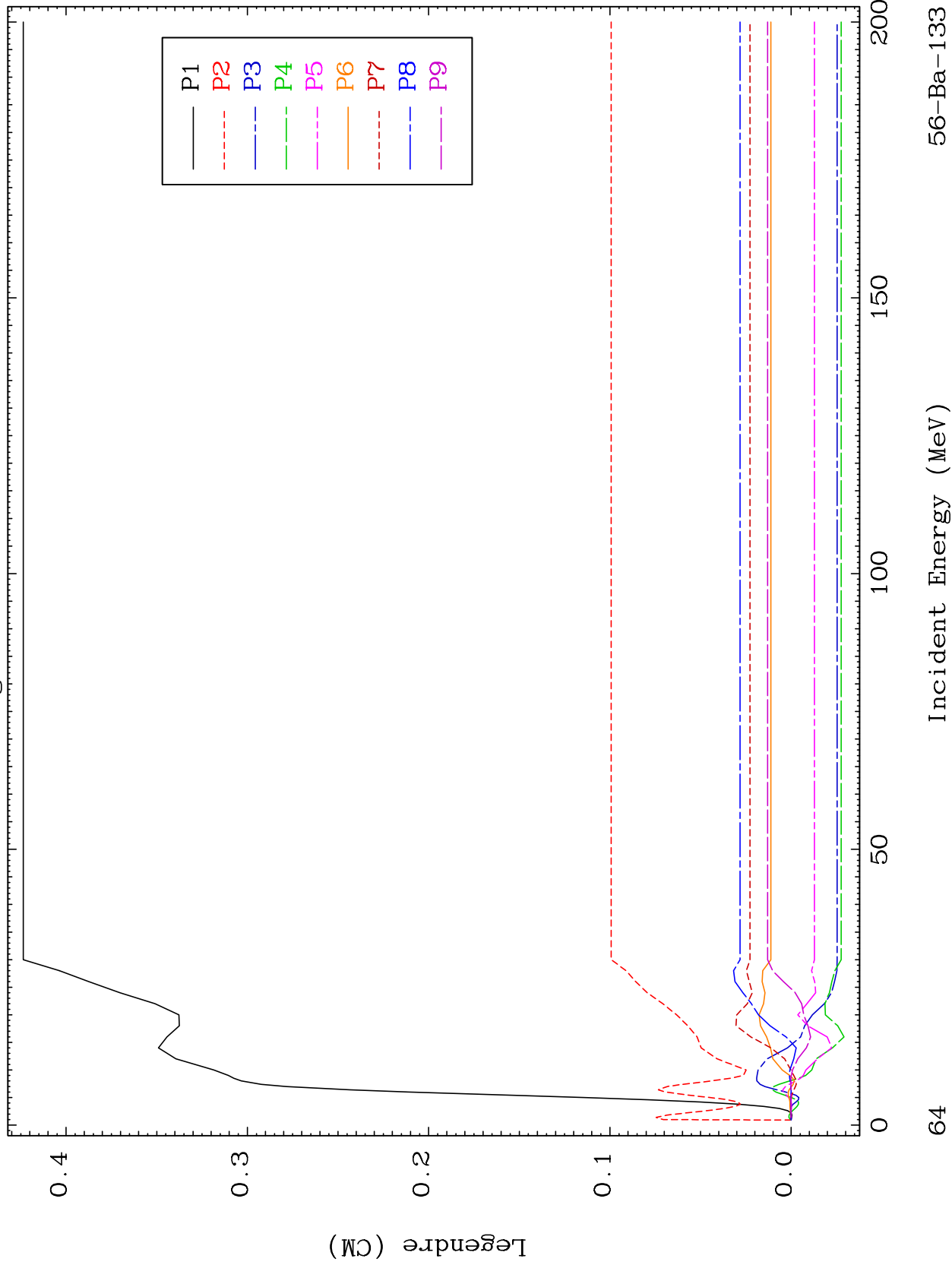
Incident Energy (MeV)

63

MAT 5634

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

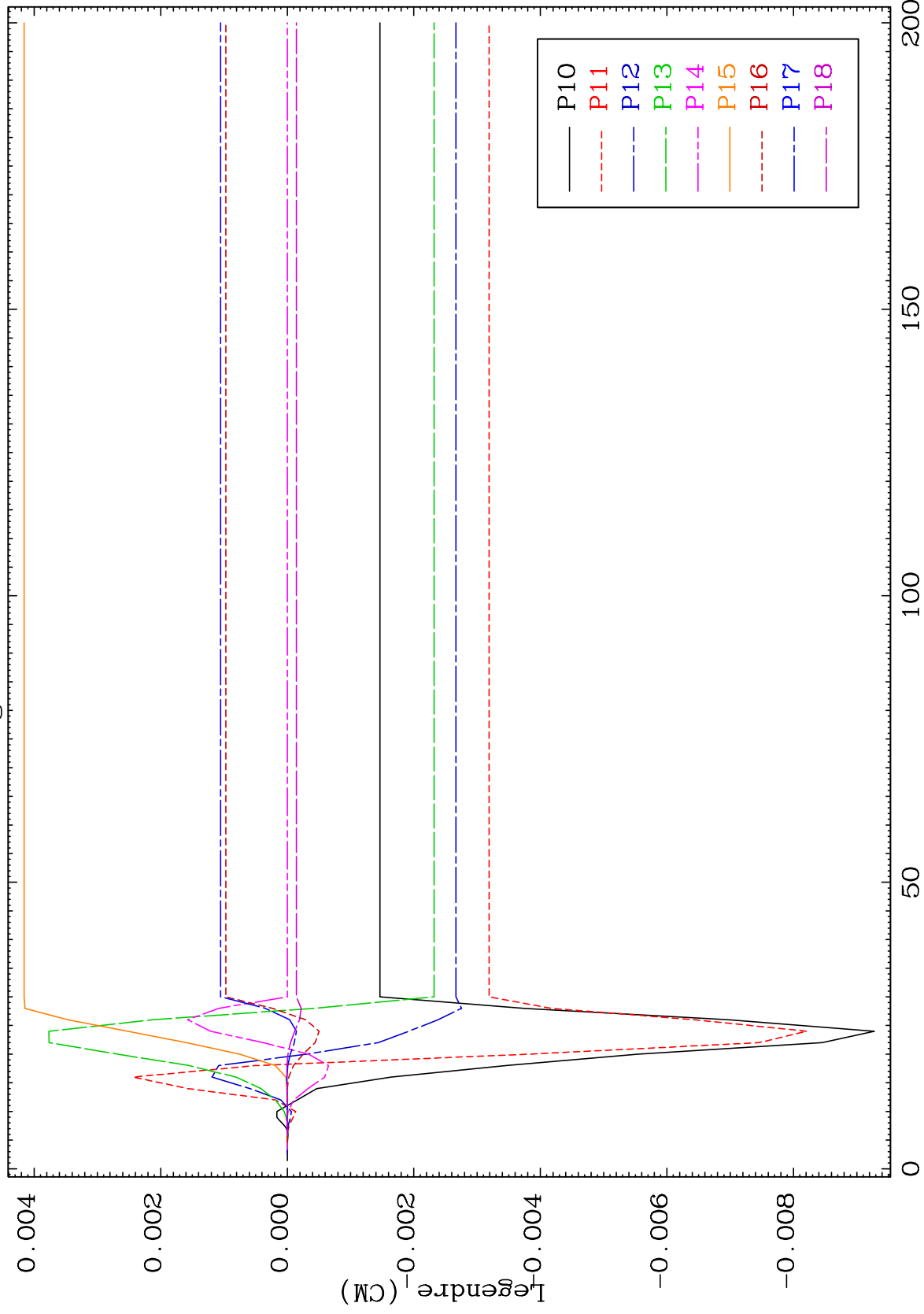
56-Ba-133



MAT 5634

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

56-Ba-133



65

Incident Energy (MeV)

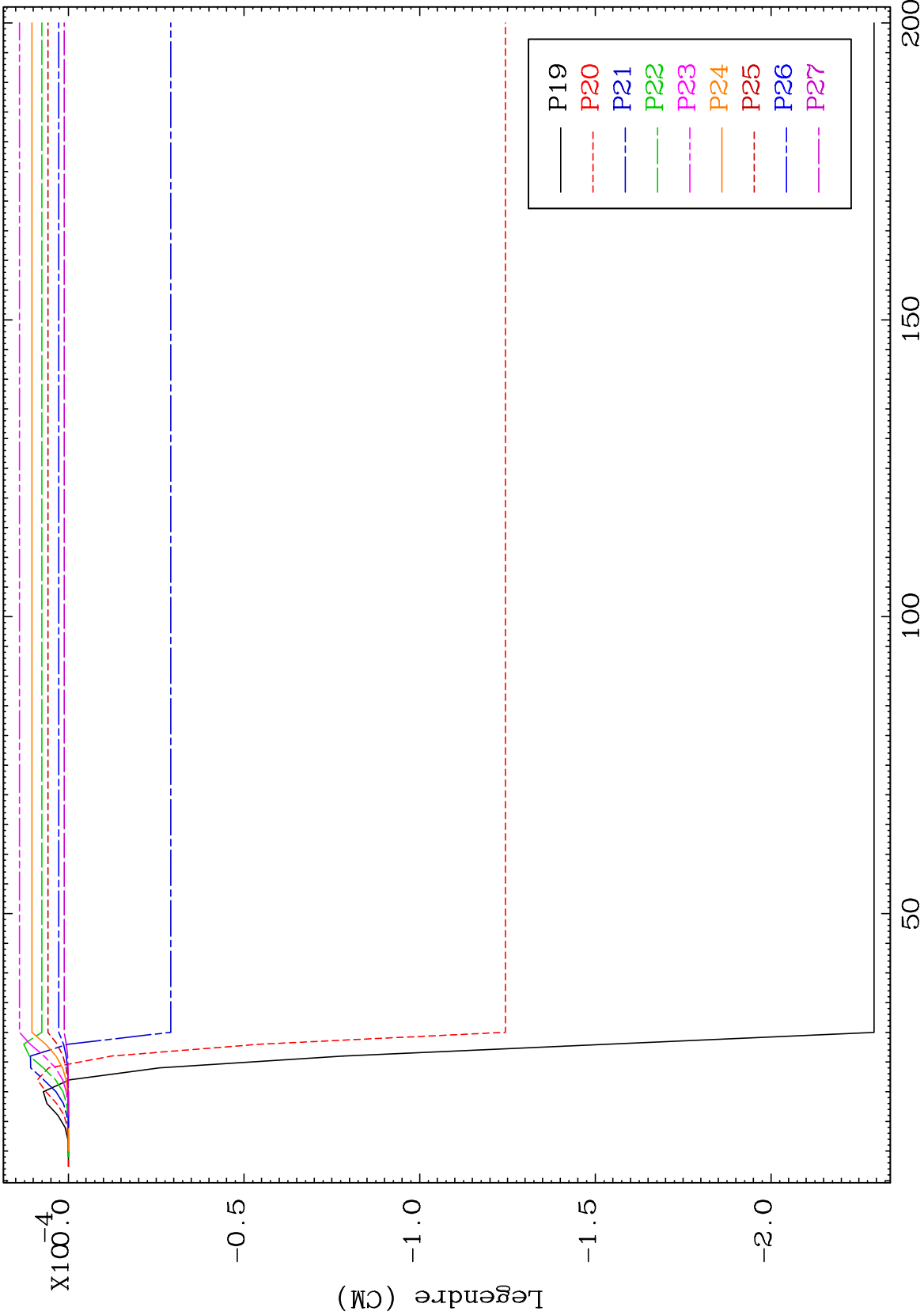
56-Ba-133

MAT 5634

MT= 64 (n,n') Level

56-Ba-133

Legendre Coefficients



56-Ba-133

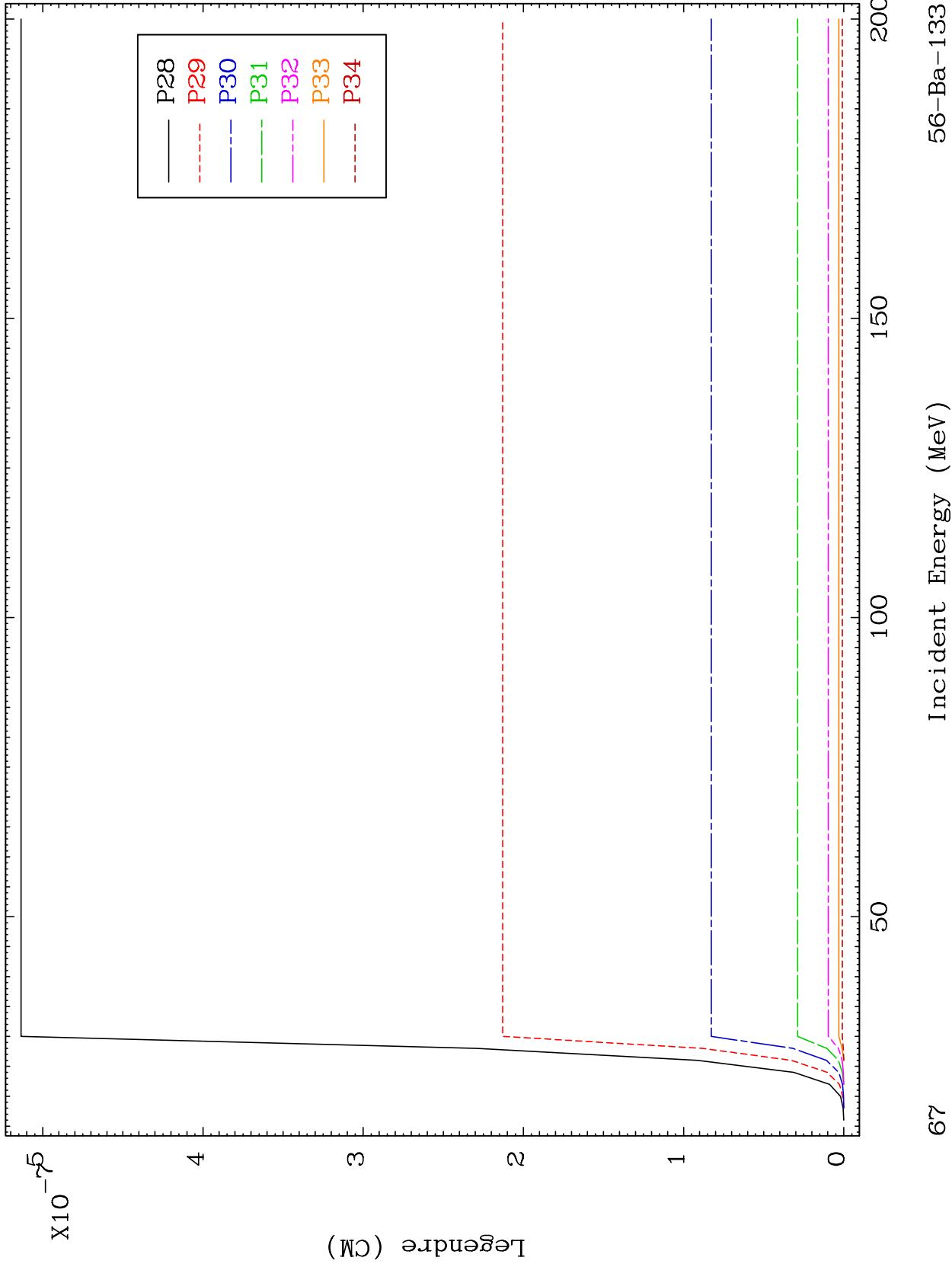
Incident Energy (MeV)

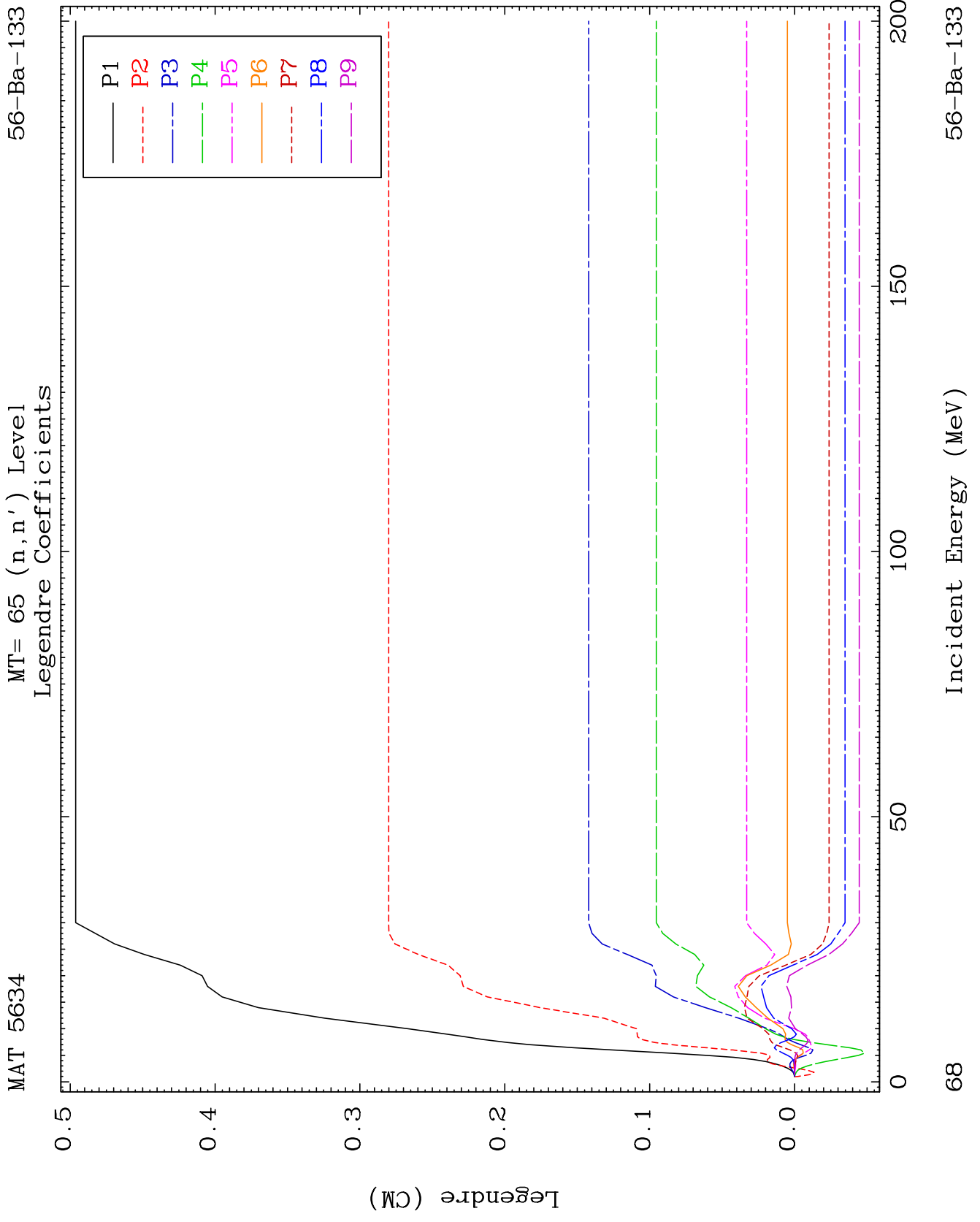
66

MAT 5634

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

56-Ba-133

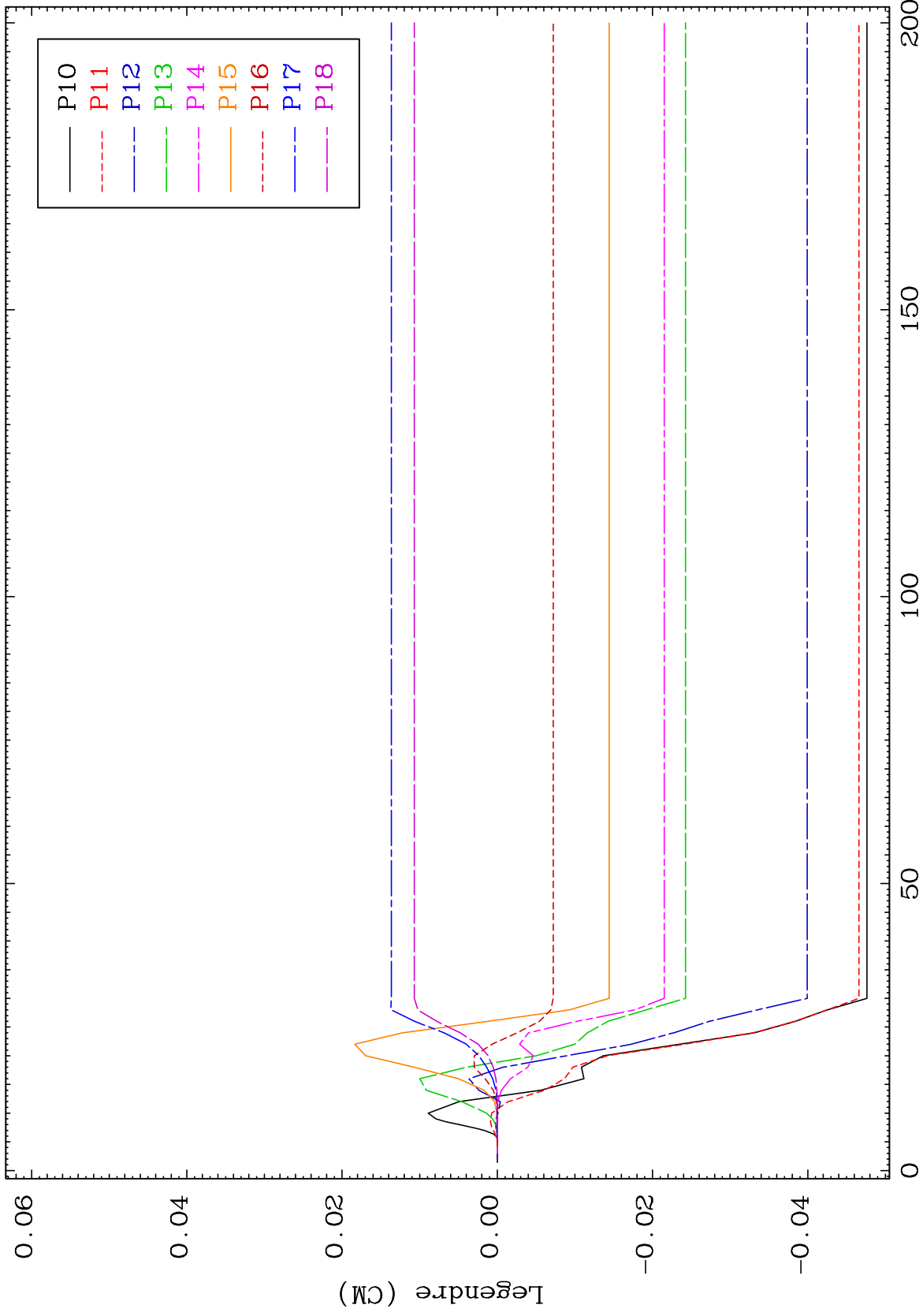




MAT 5634

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

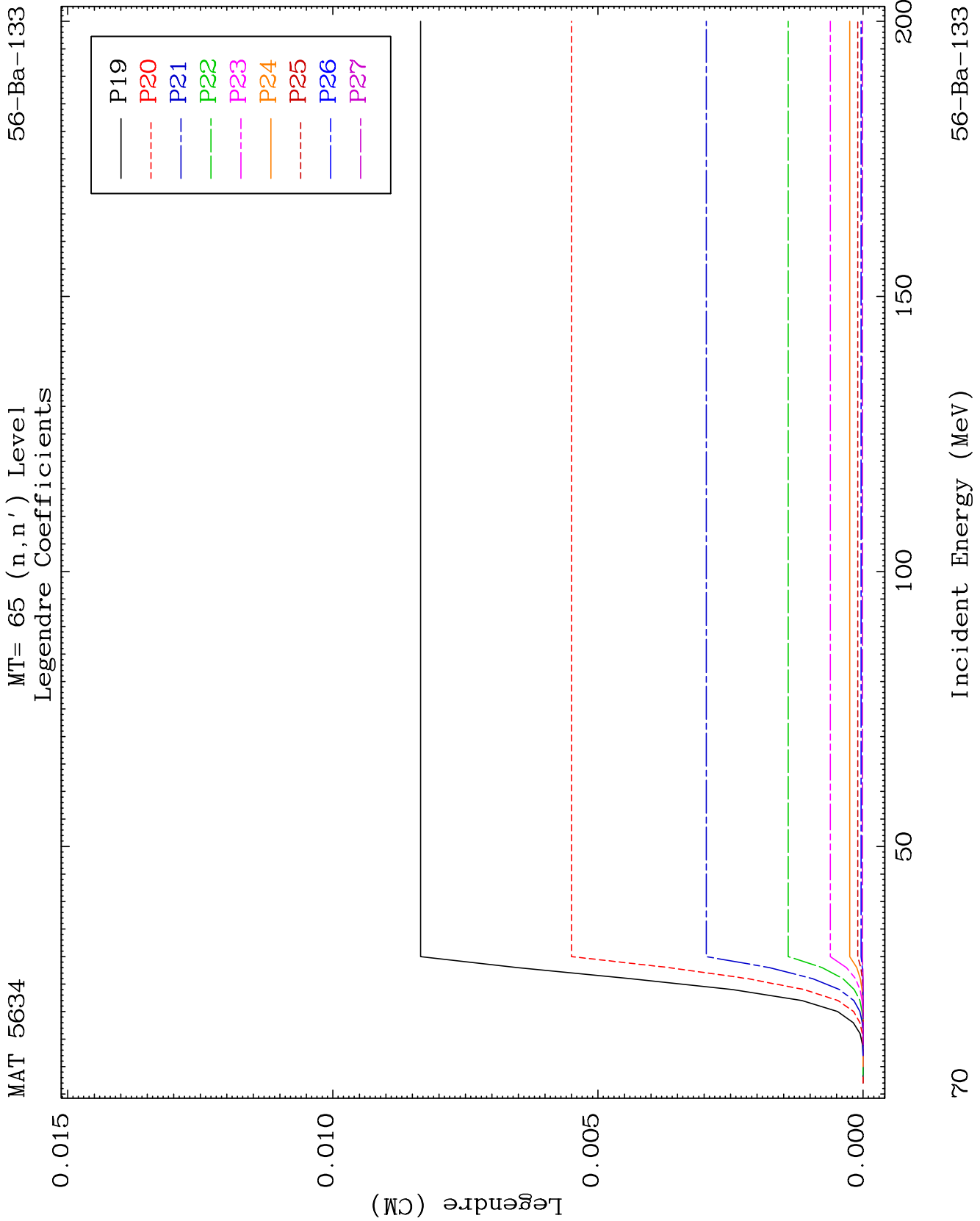
56-Ba-133



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Incident Energy (MeV)

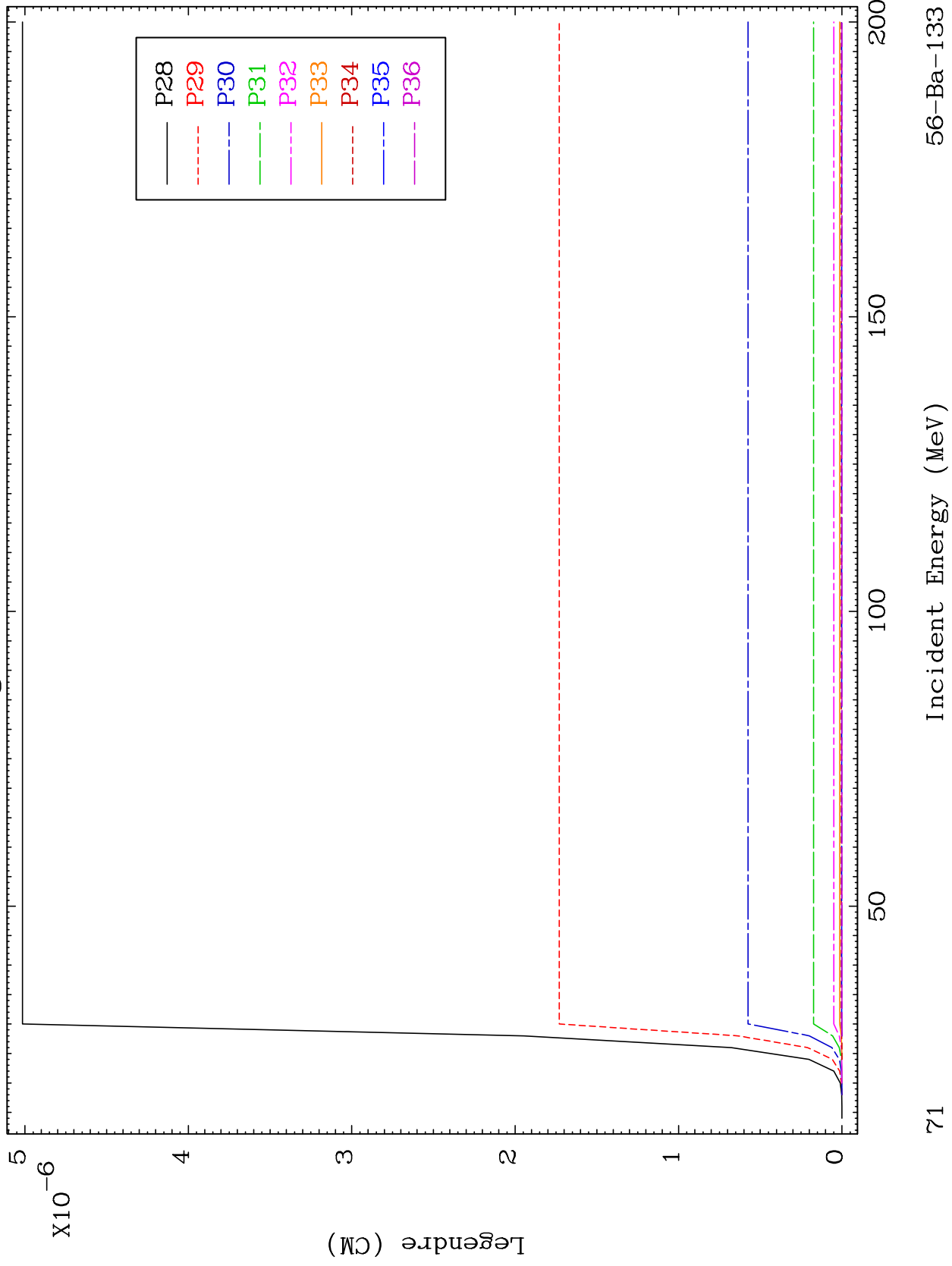
56-Ba-133



MAT 5634

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

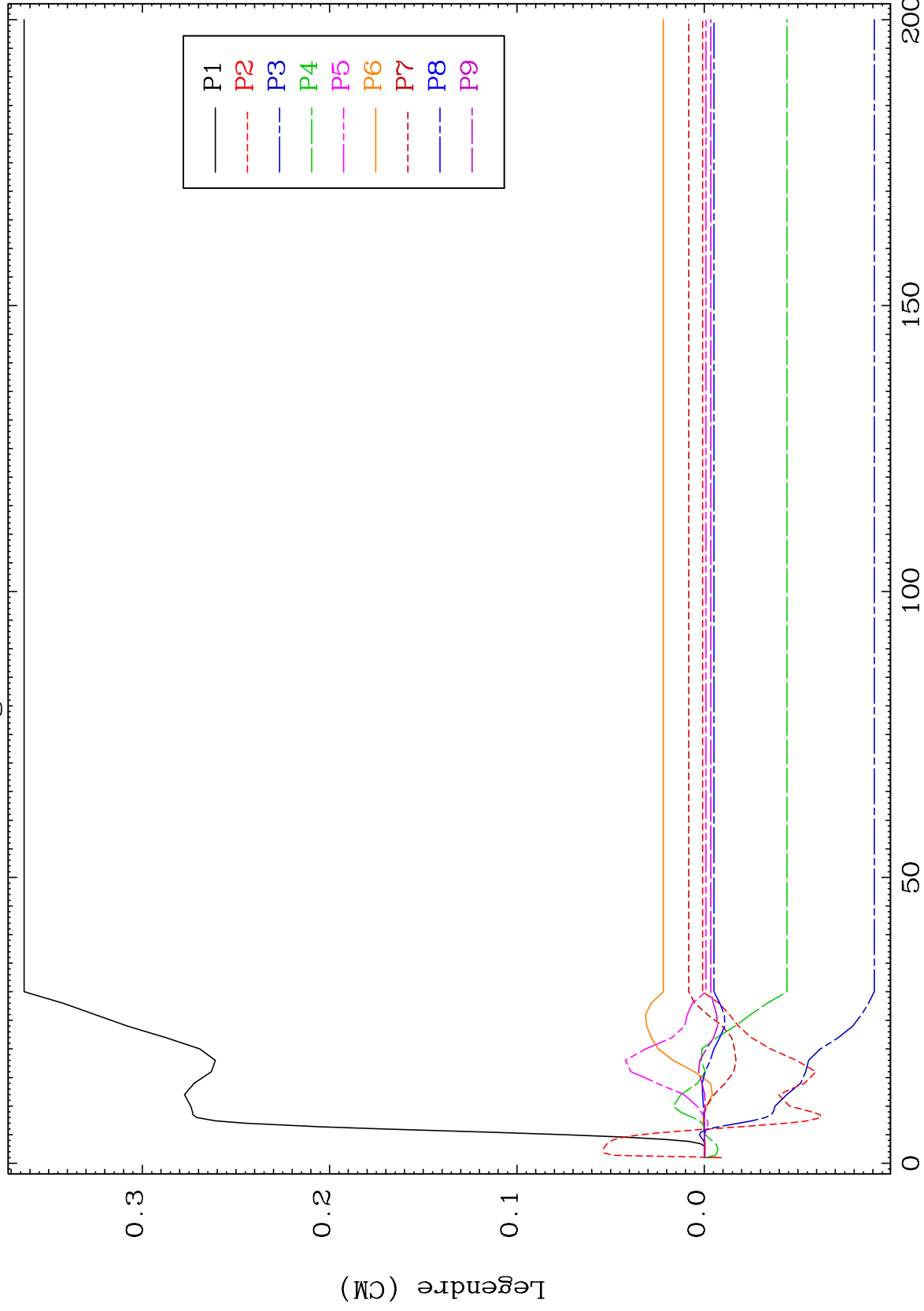
56-Ba-133



MAT 5634

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

56-Ba-133



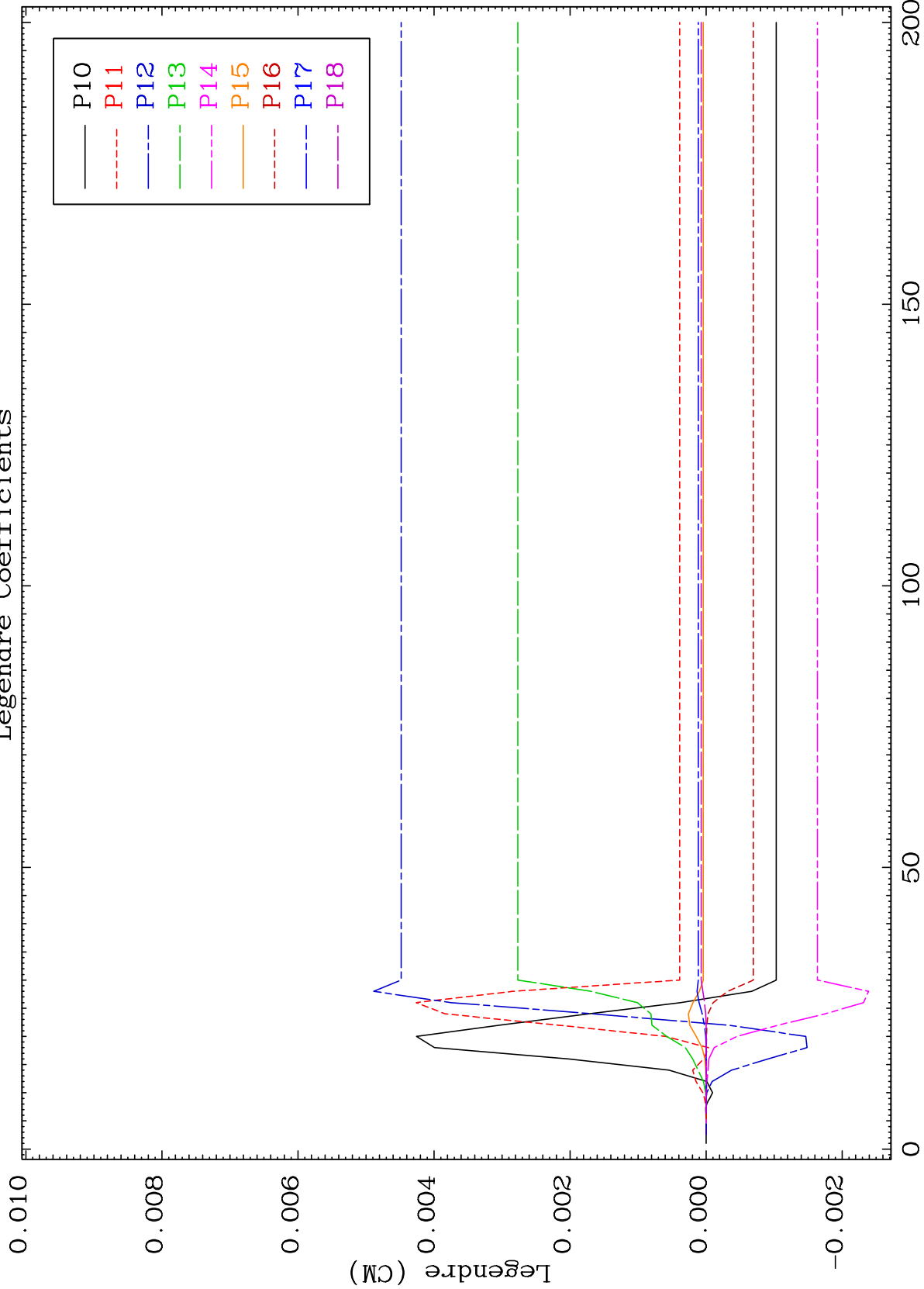
72

56-Ba-133

MAT 5634

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

56-Ba-133



73

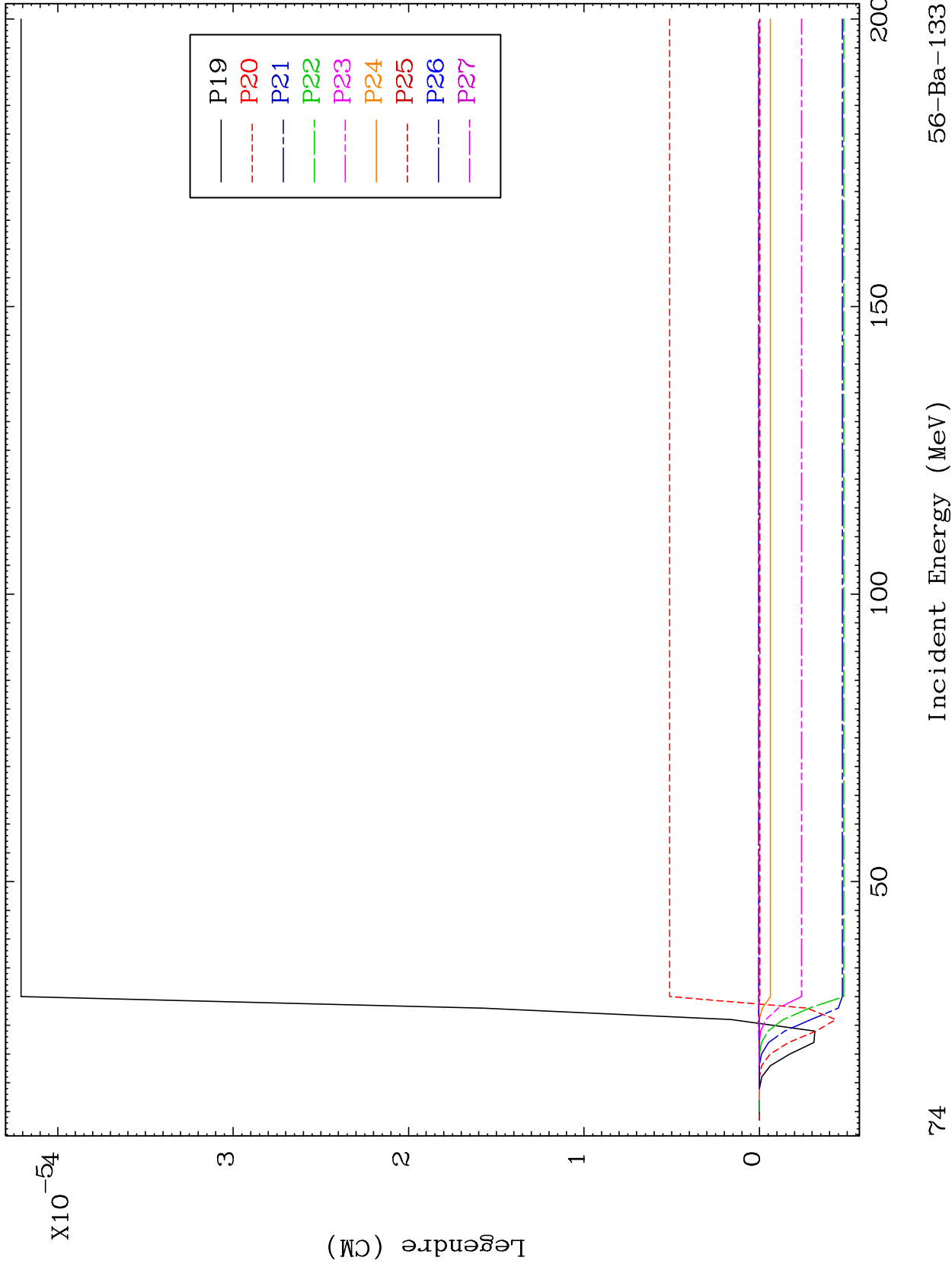
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

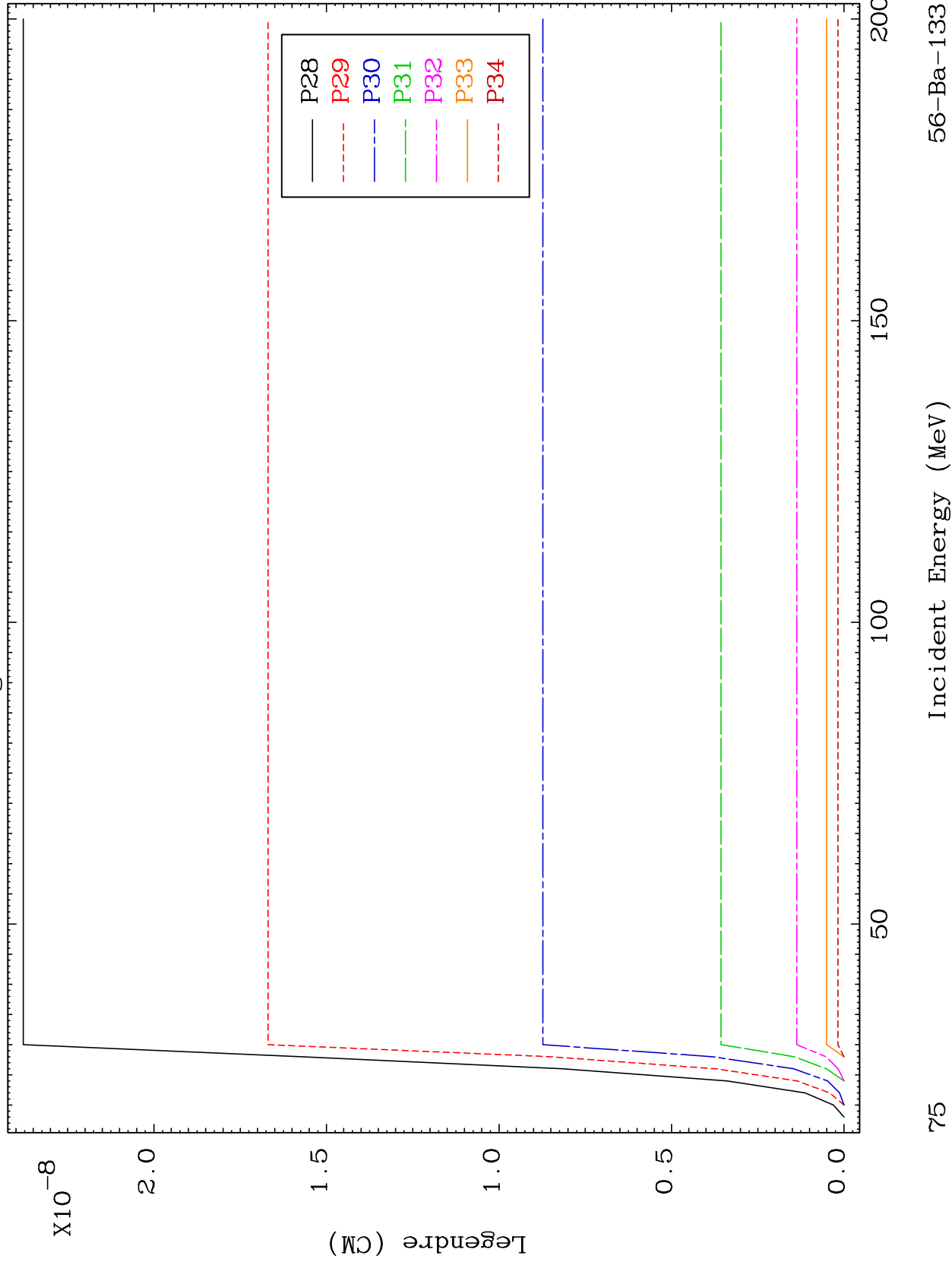
56-Ba-133



MAT 5634

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

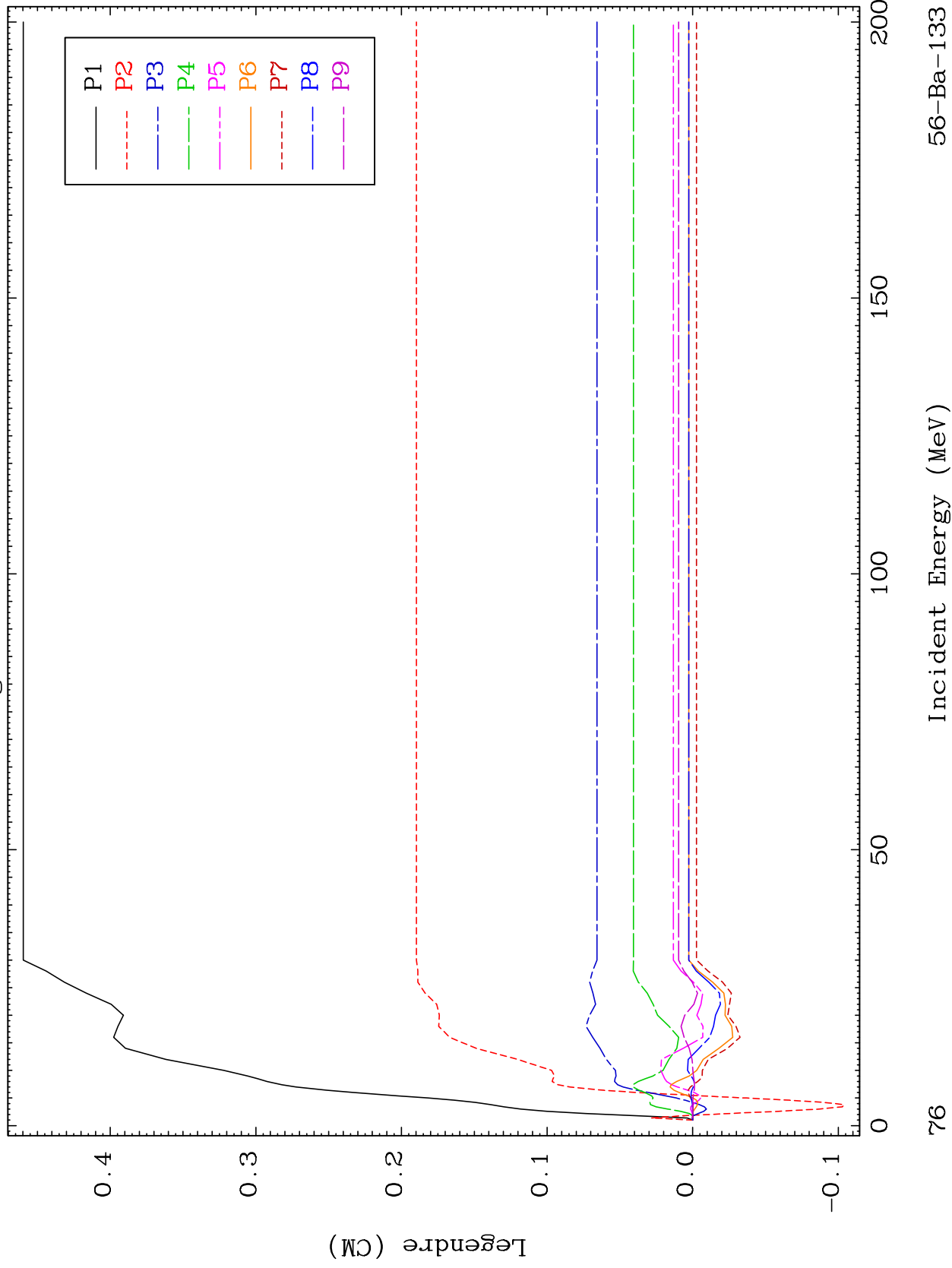
56-Ba-133



MAT 5634

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

56-Ba-133



56-Ba-133

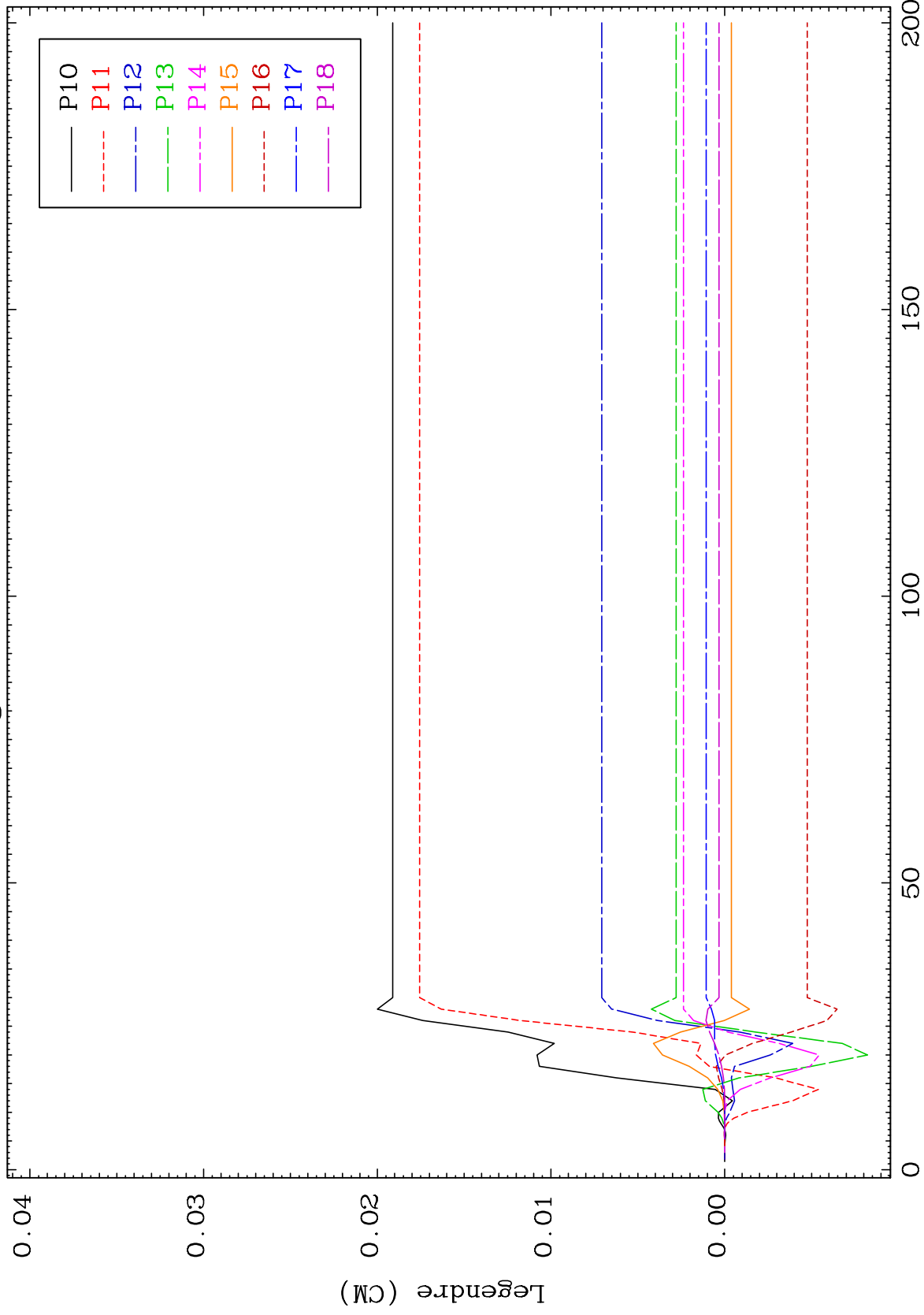
Incident Energy (MeV)

76

MAT 5634

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

56-Ba-133



77

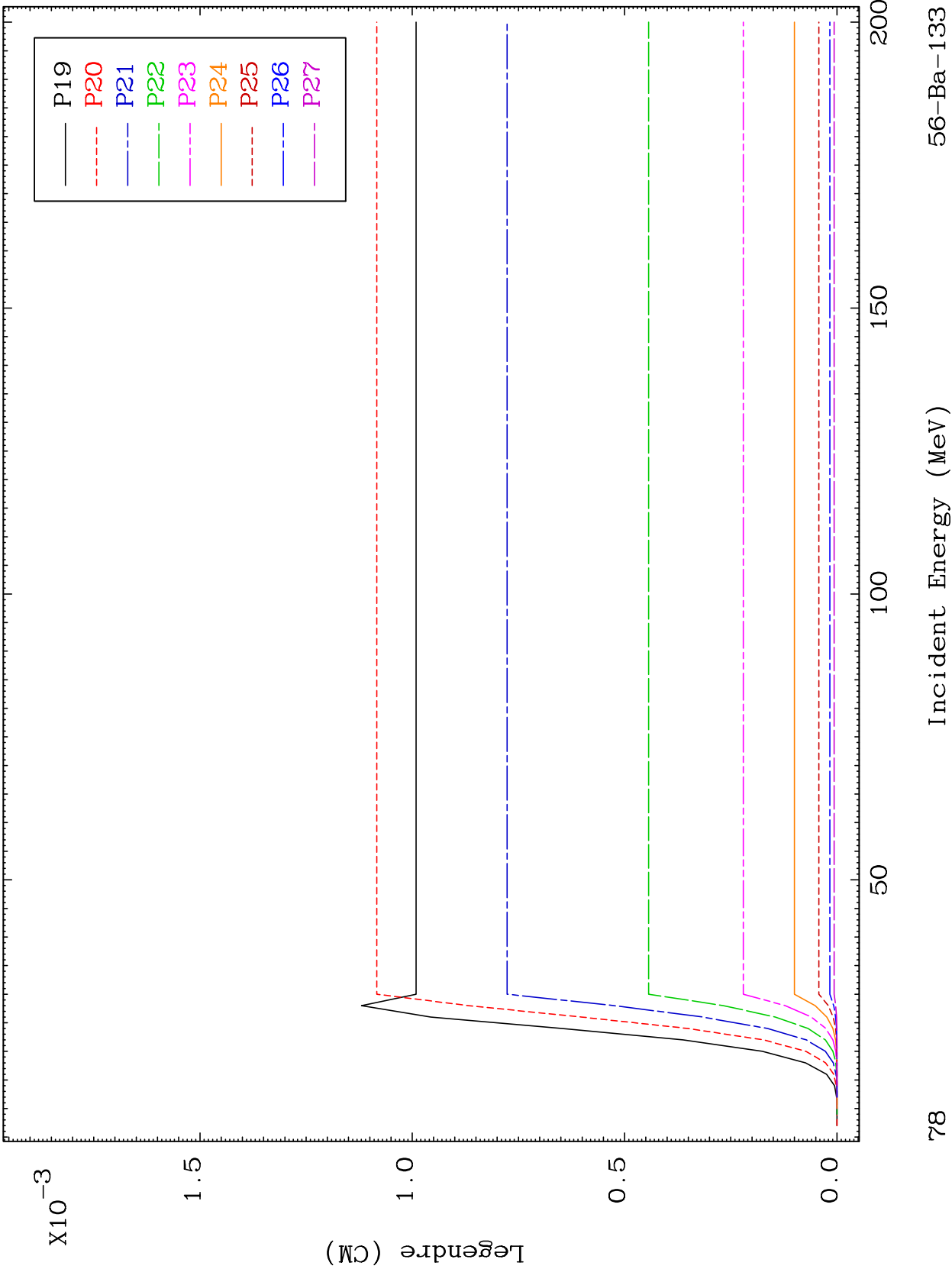
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



78

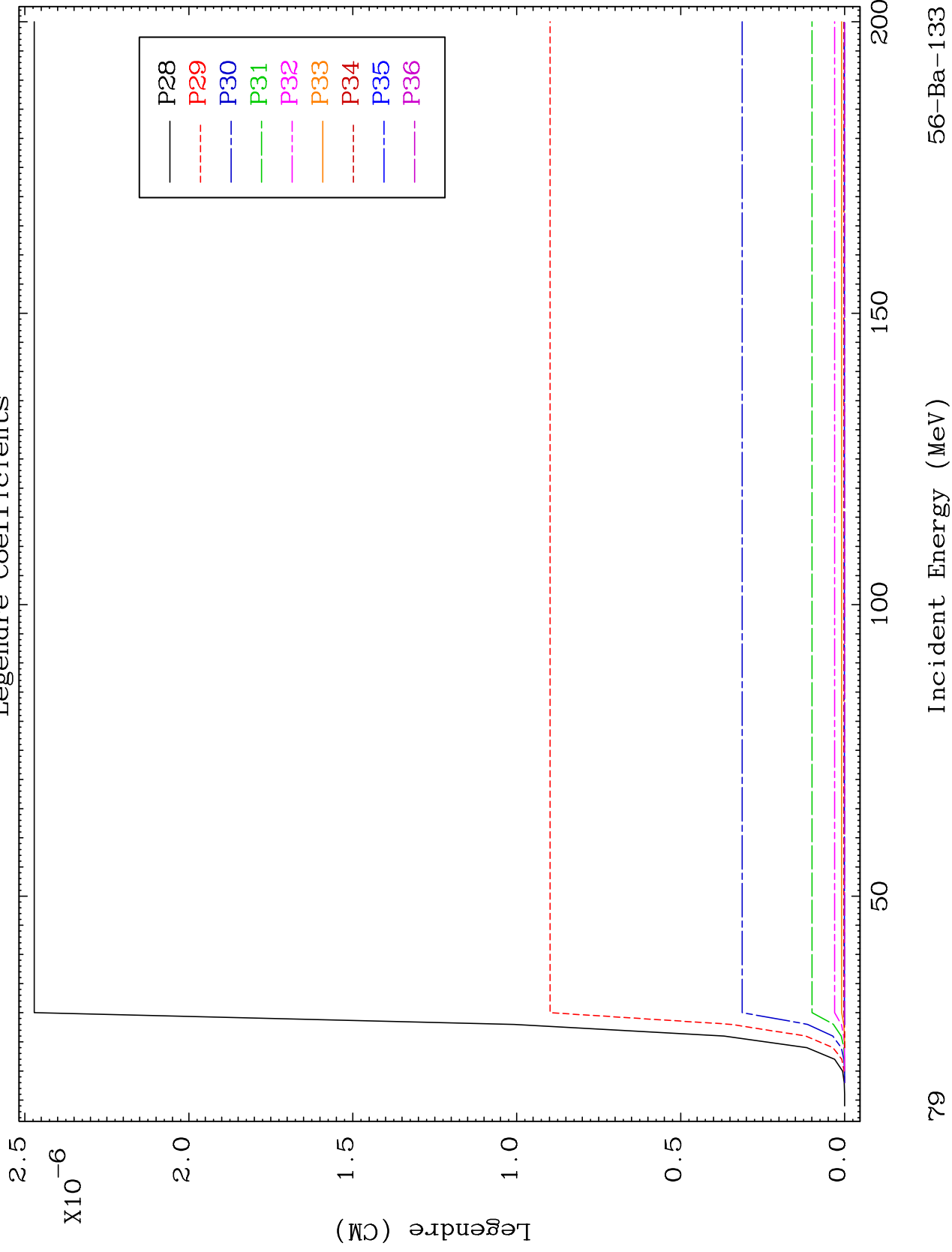
Incident Energy (MeV)

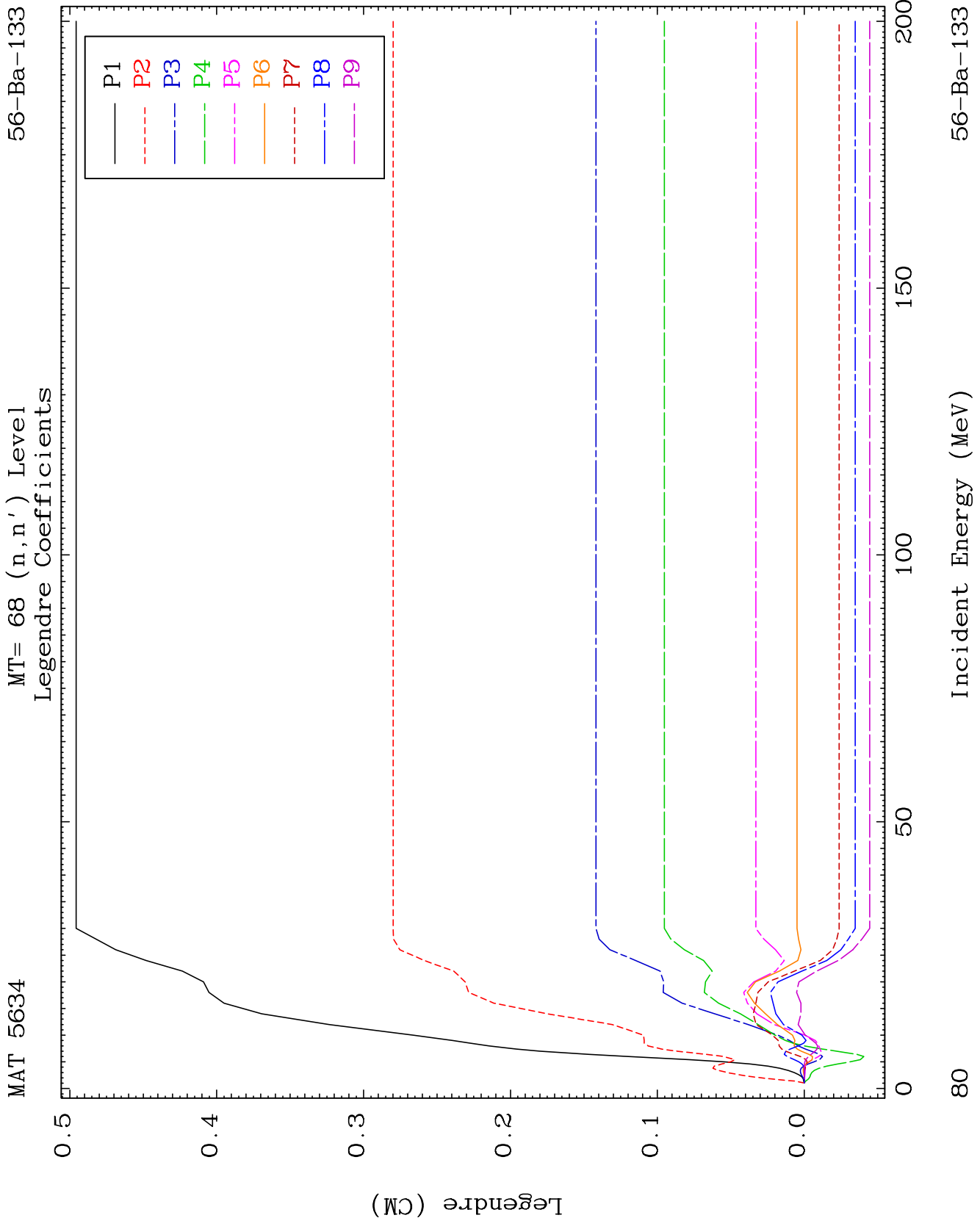
56-Ba-133

MAT 5634

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

56-Ba-133

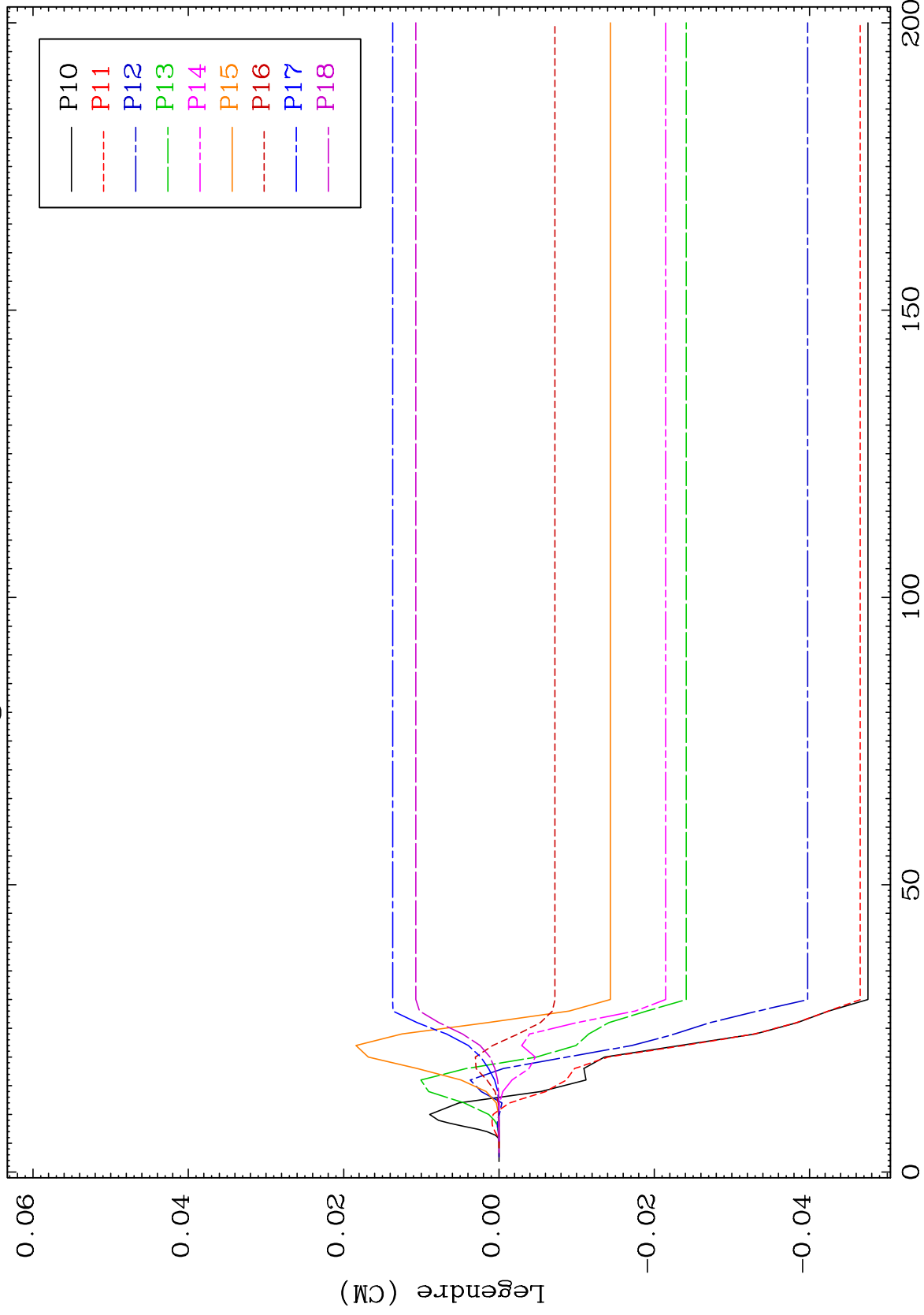




MAT 5634

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

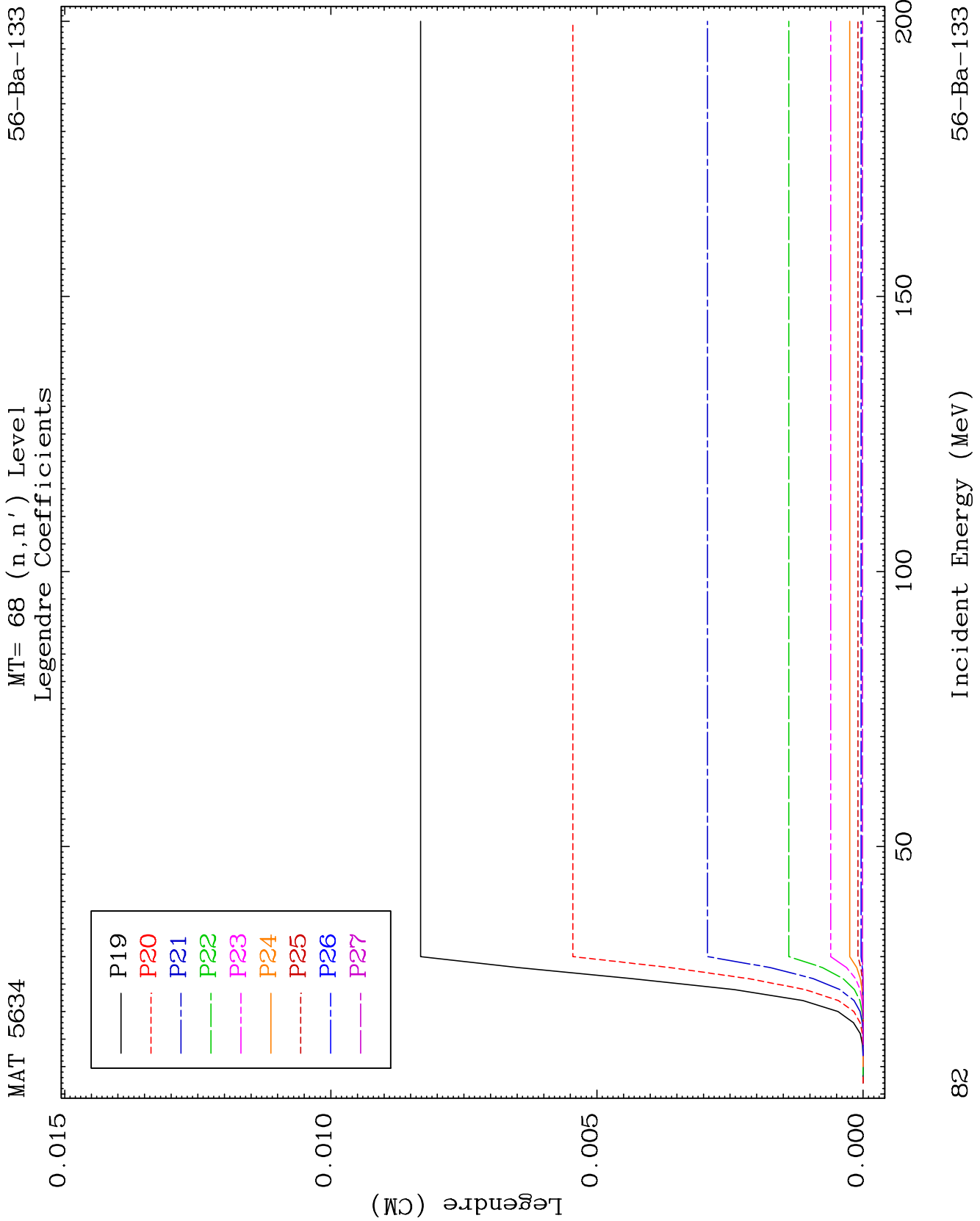
56-Ba-133



81

Incident Energy (MeV)

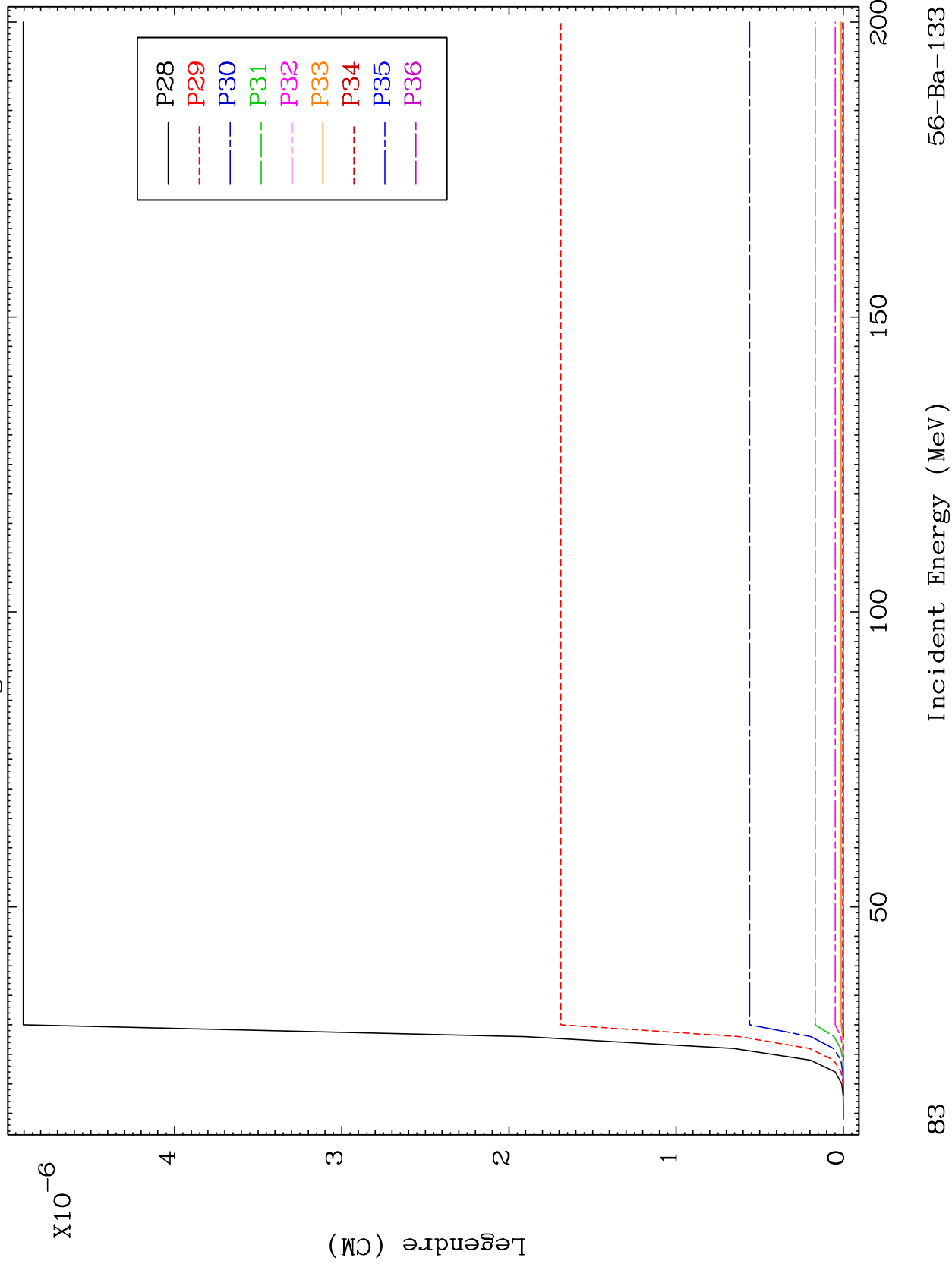
56-Ba-133



MAT 5634

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

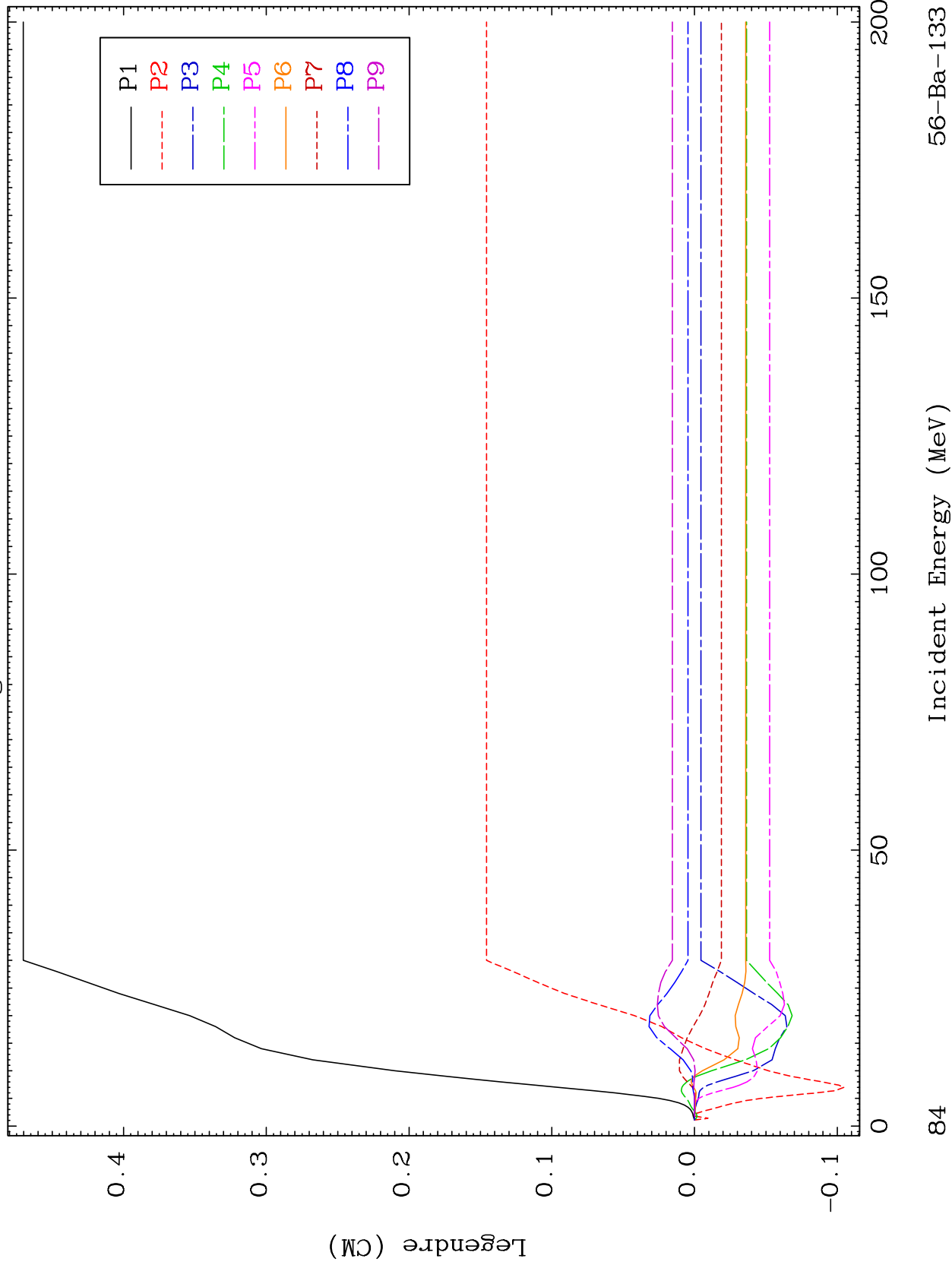
56-Ba-133



MAT 5634

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

56-Ba-133



56-Ba-133

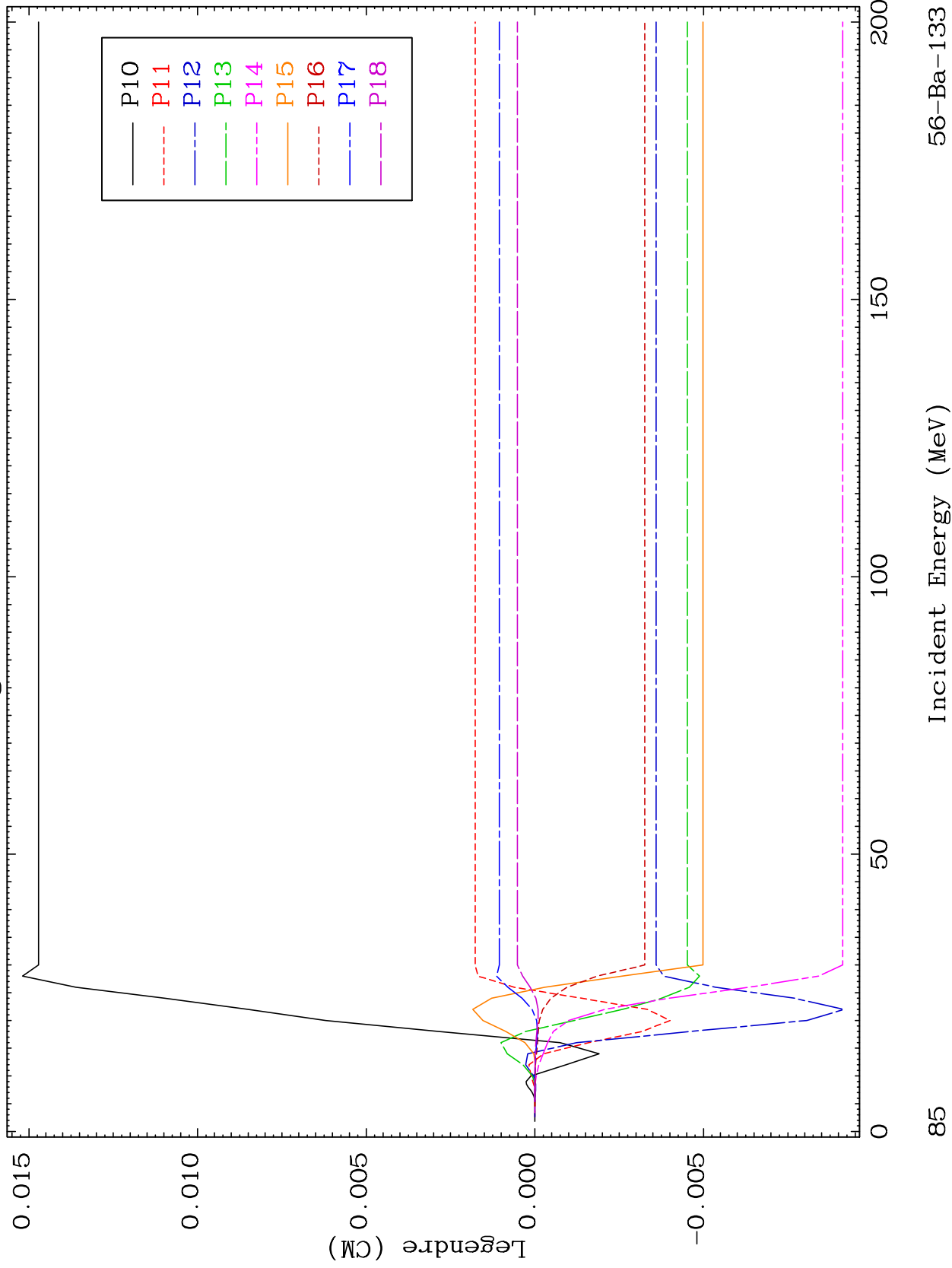
Incident Energy (MeV)

84

MAT 5634

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

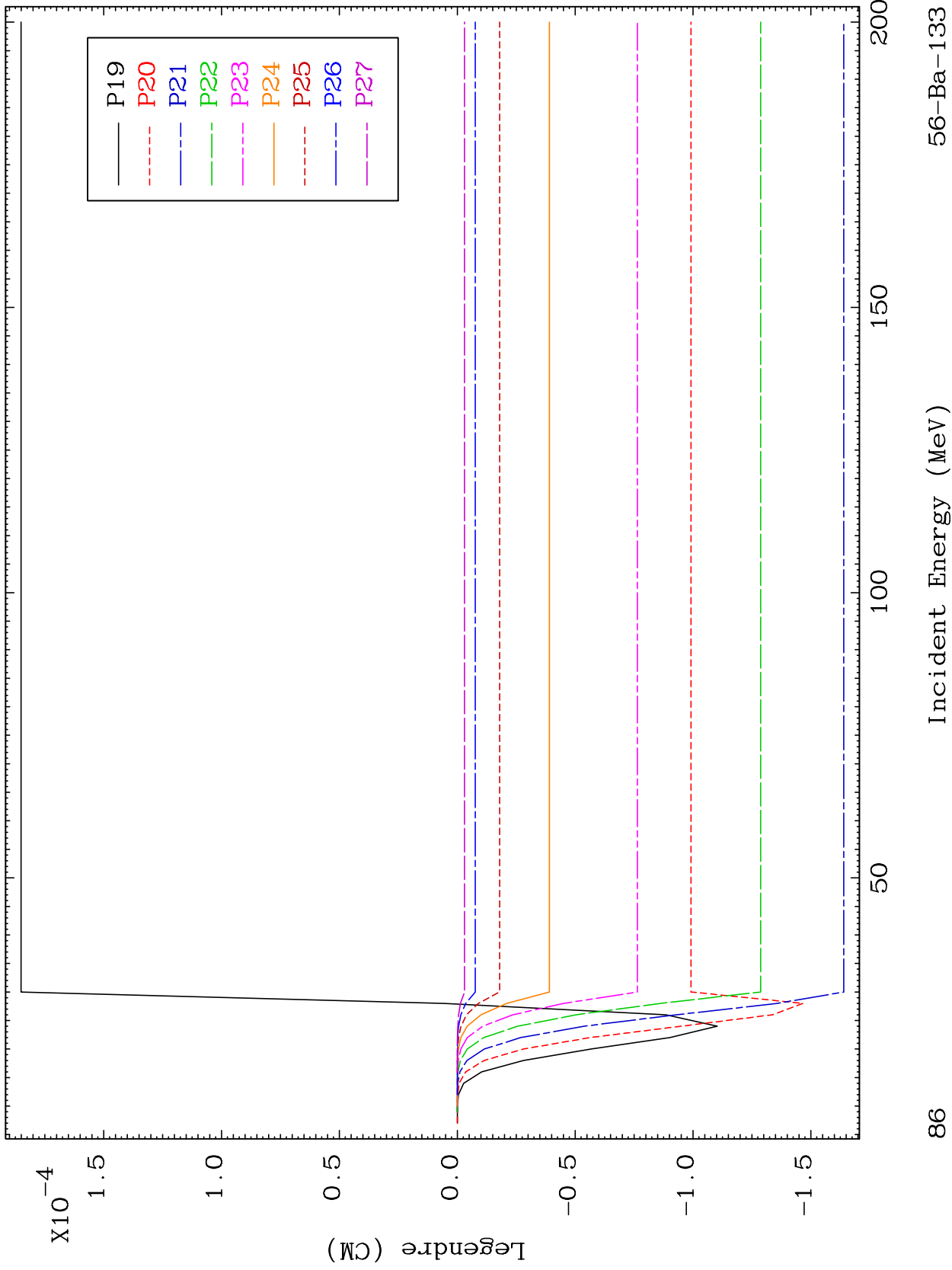
56-Ba-133



56-Ba-133

Incident Energy (MeV)

85

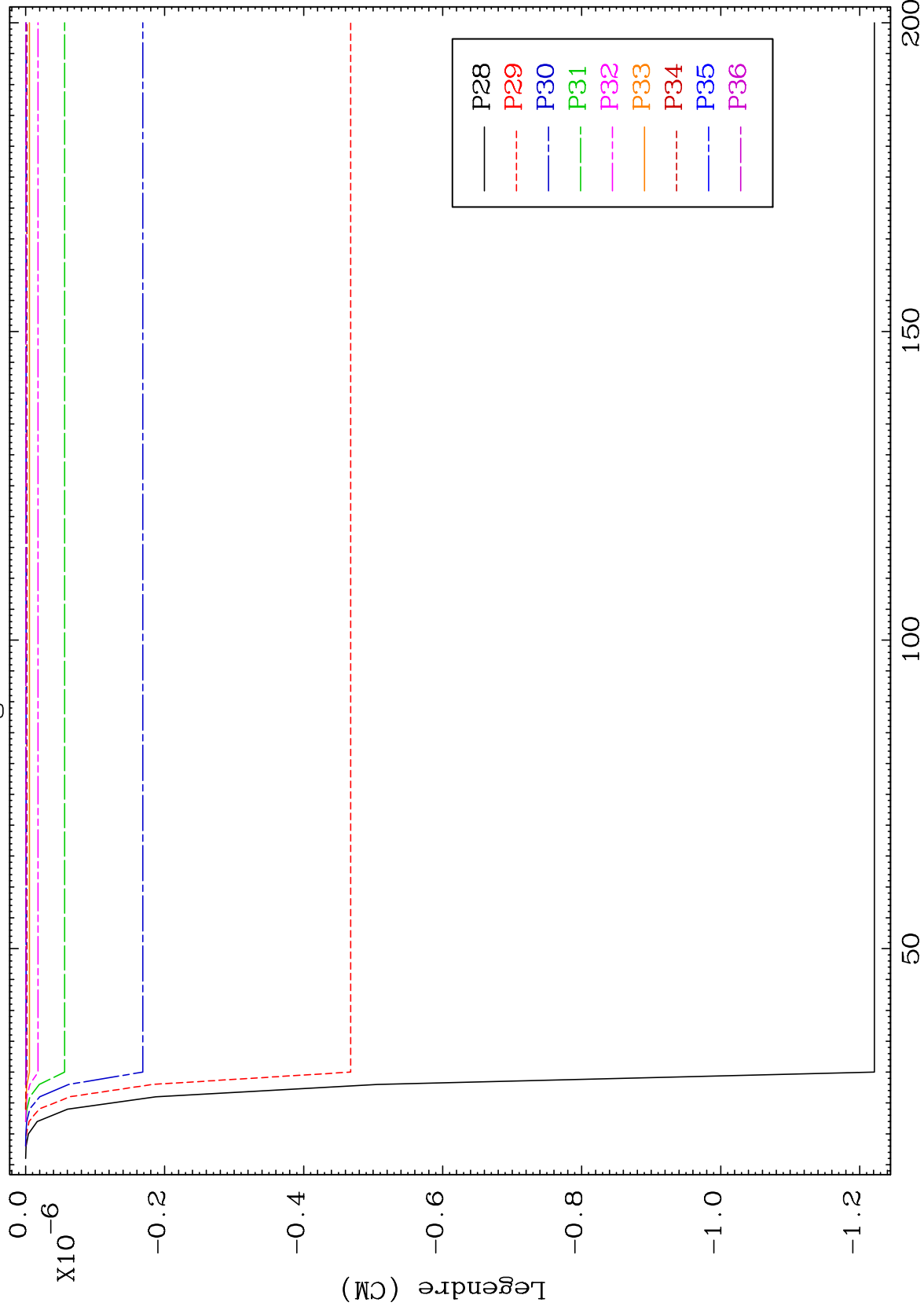


MAT 5634

MT= 69 (n,n') Level

56-Ba-133

Legendre Coefficients



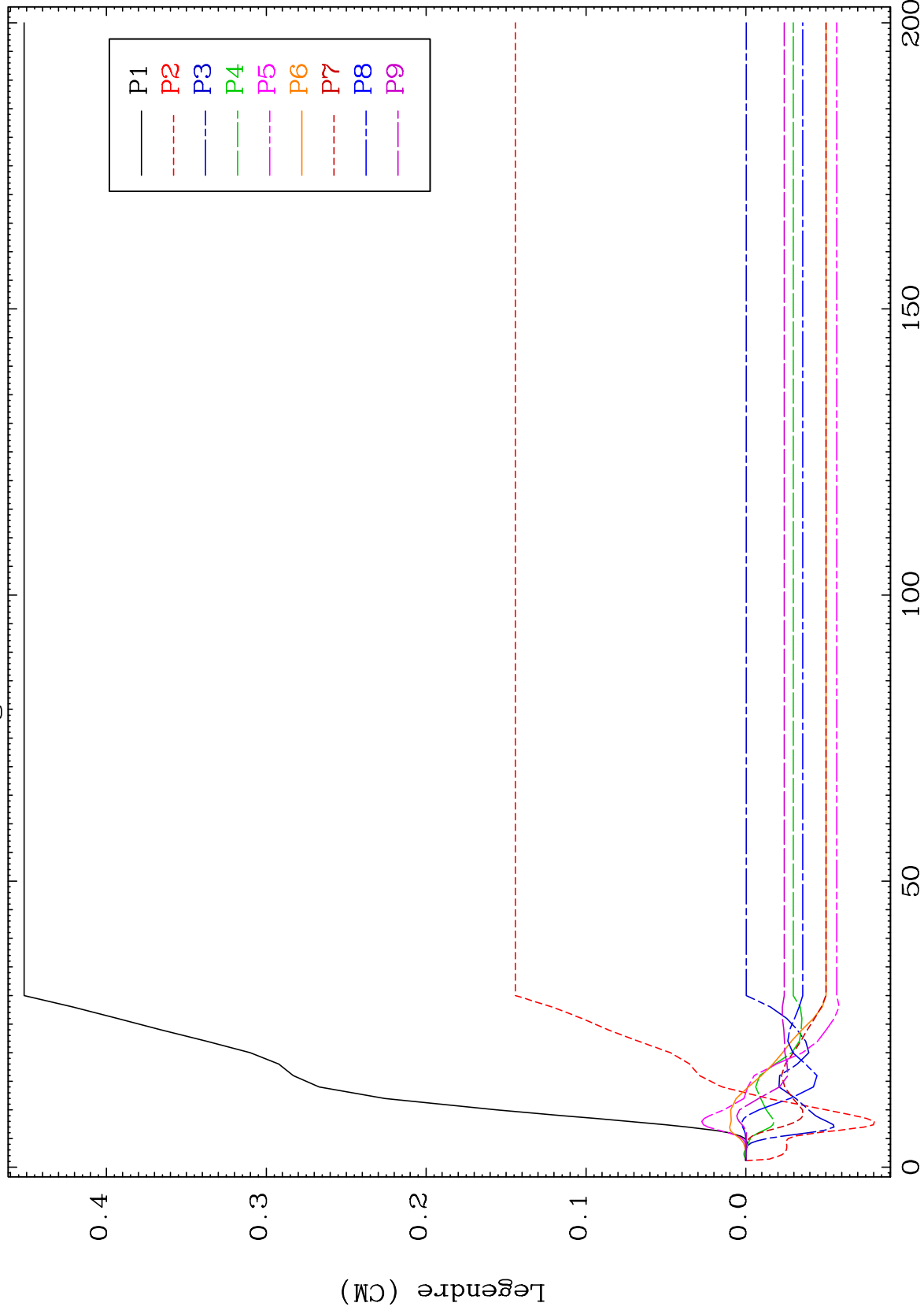
87

56-Ba-133

MAT 5634

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

56-Ba-133



88

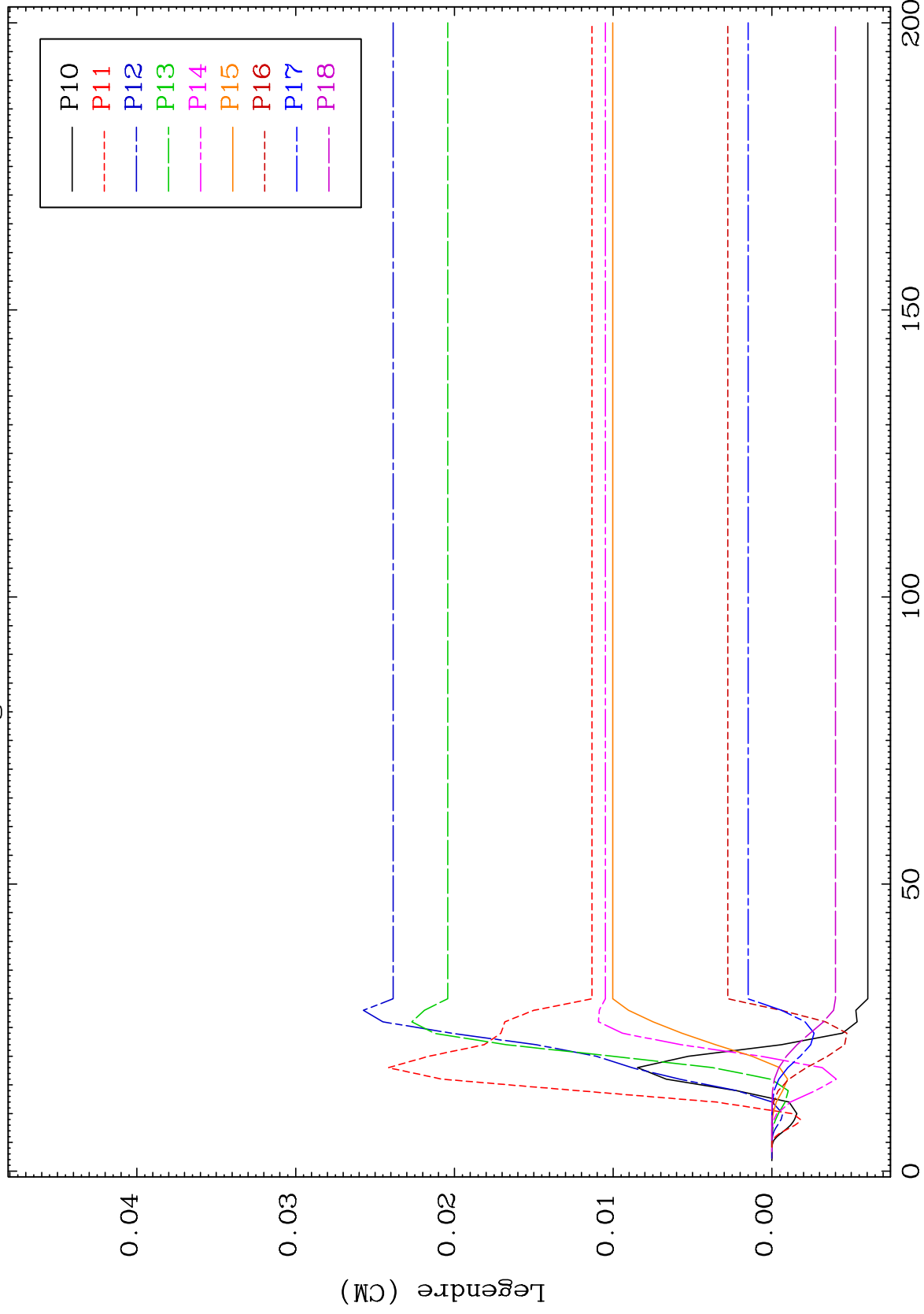
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



89

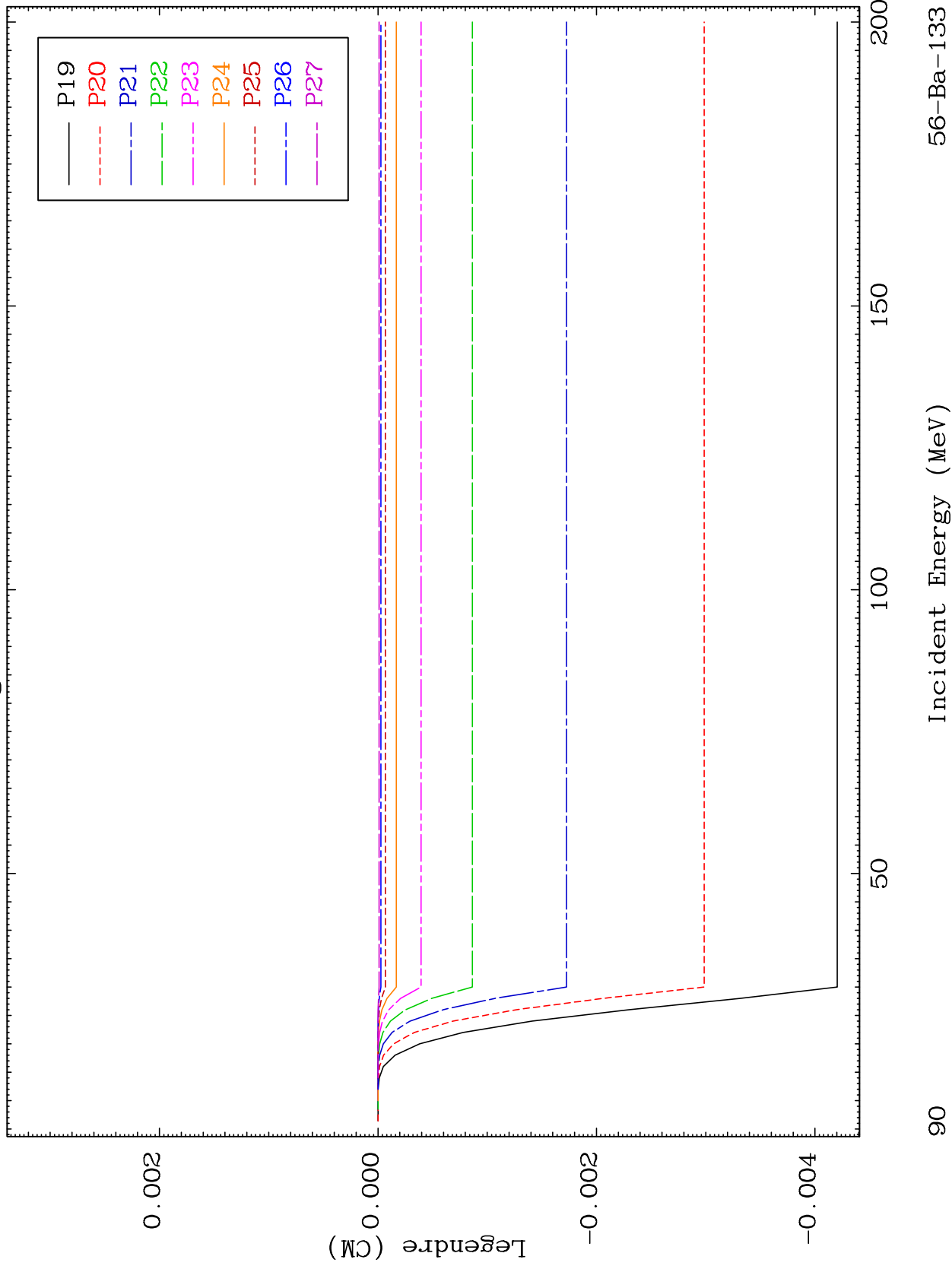
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

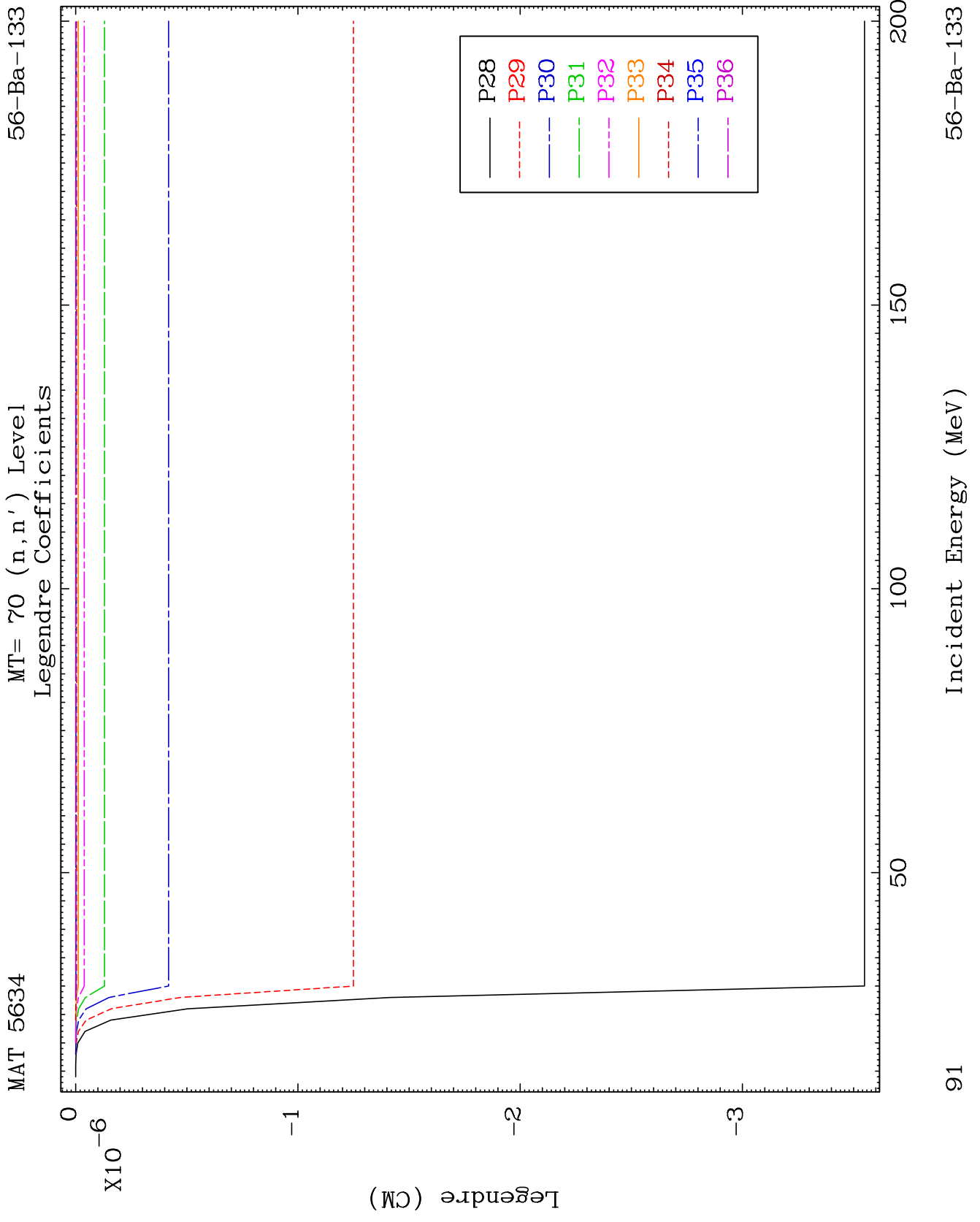
56-Ba-133



56-Ba-133

Incident Energy (MeV)

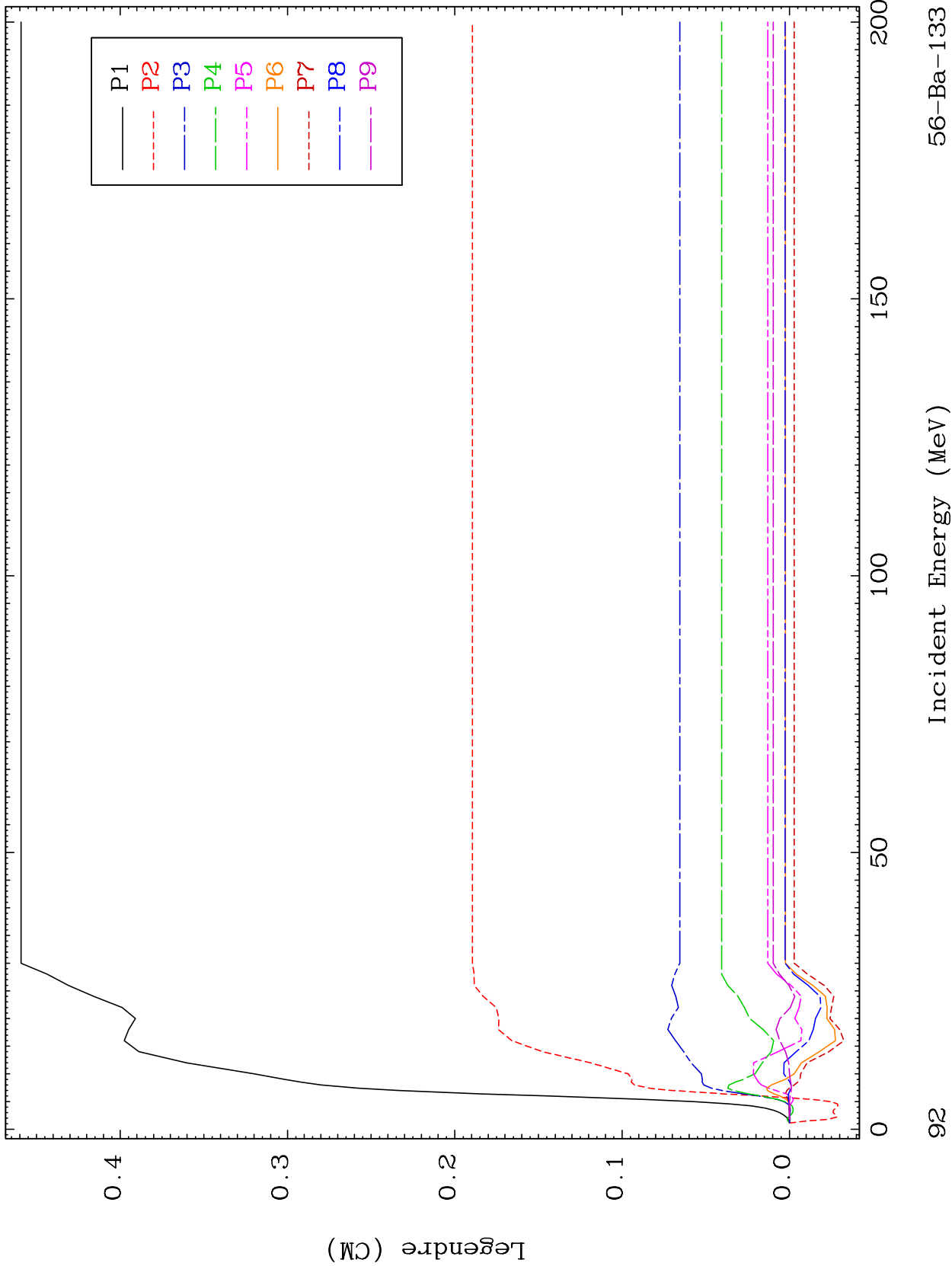
90



MAT 5634

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

56-Ba-133



56-Ba-133

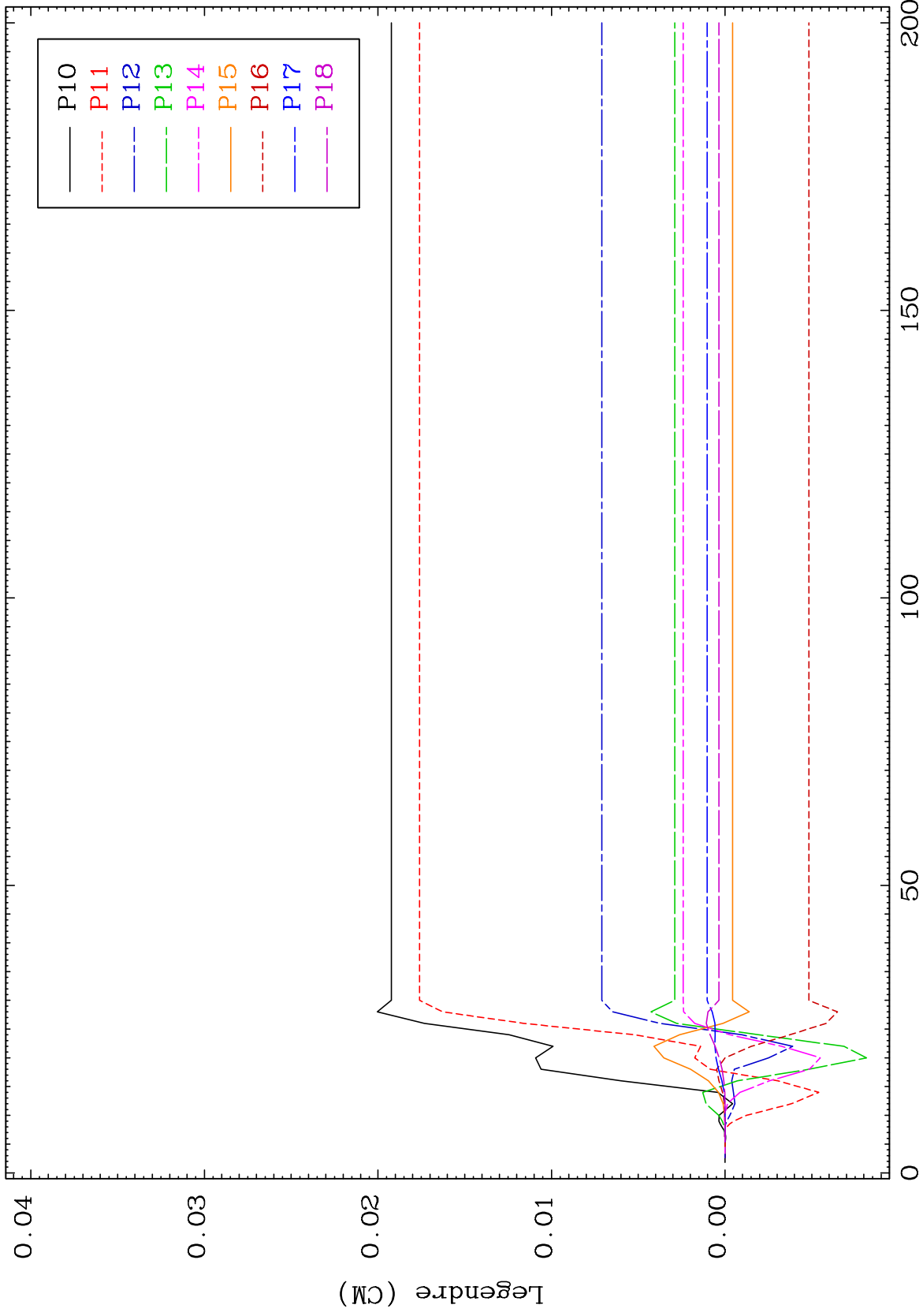
Incident Energy (MeV)

92

MAT 5634

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

56-Ba-133



93

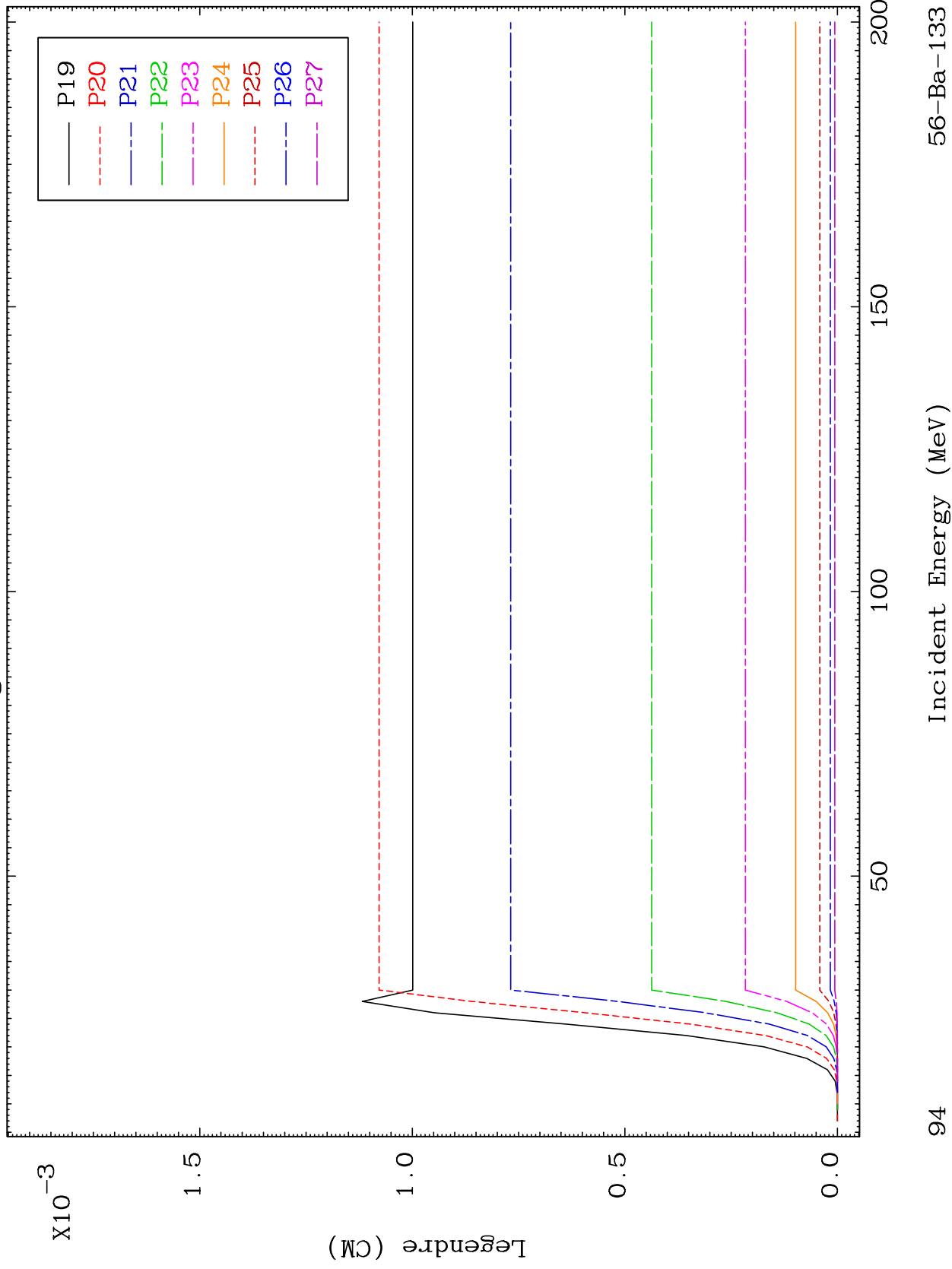
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

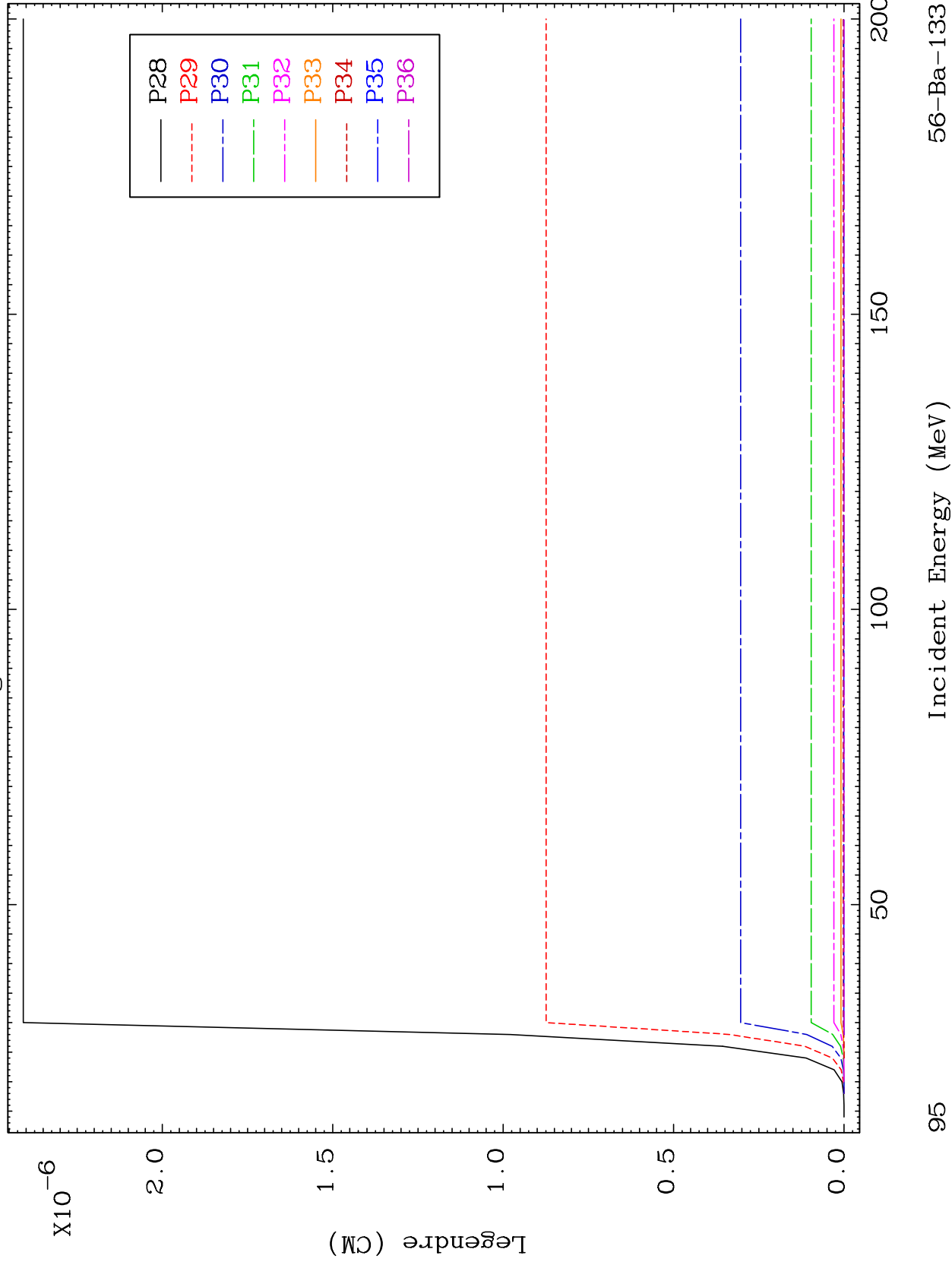
56-Ba-133



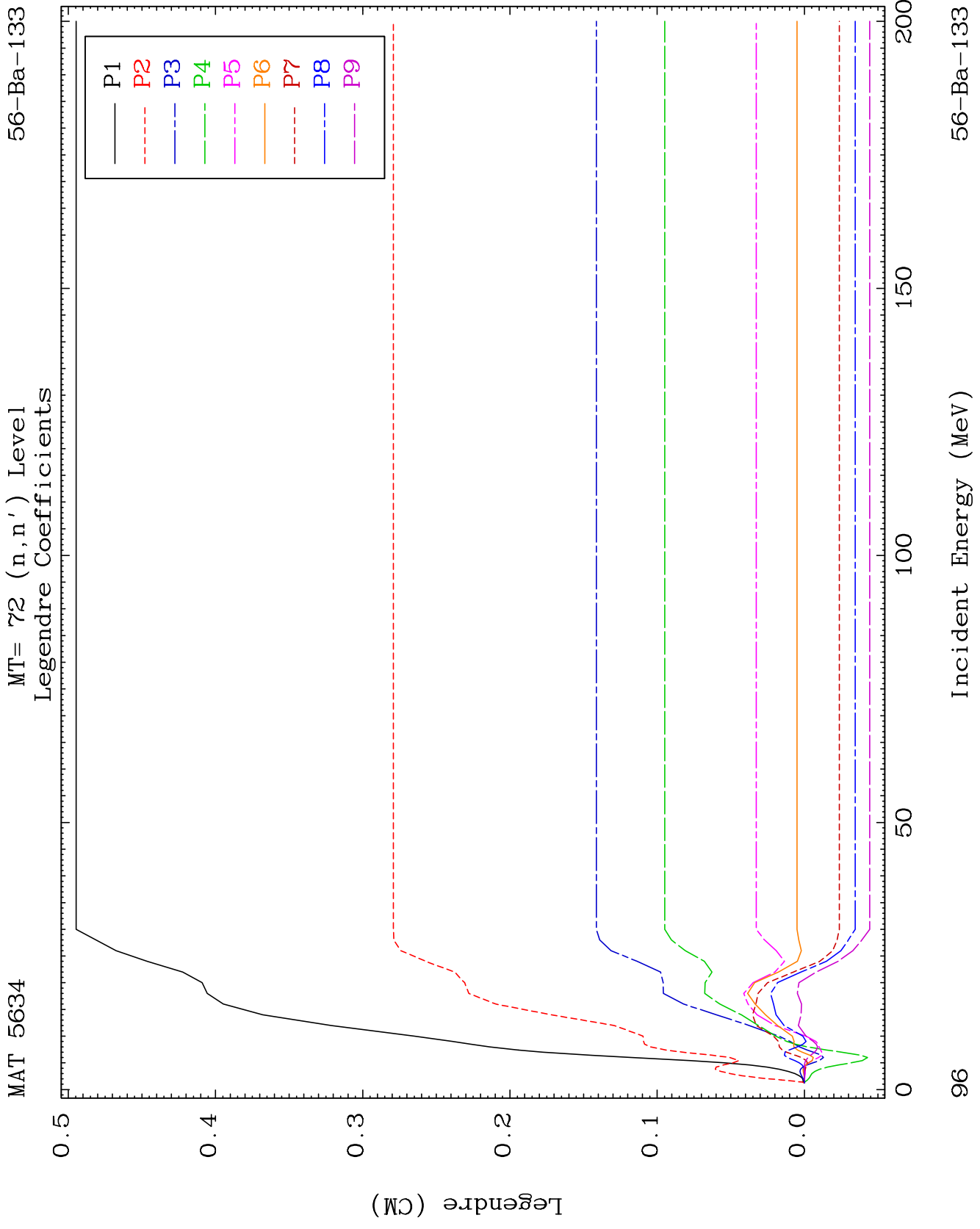
MAT 5634

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

56-Ba-133



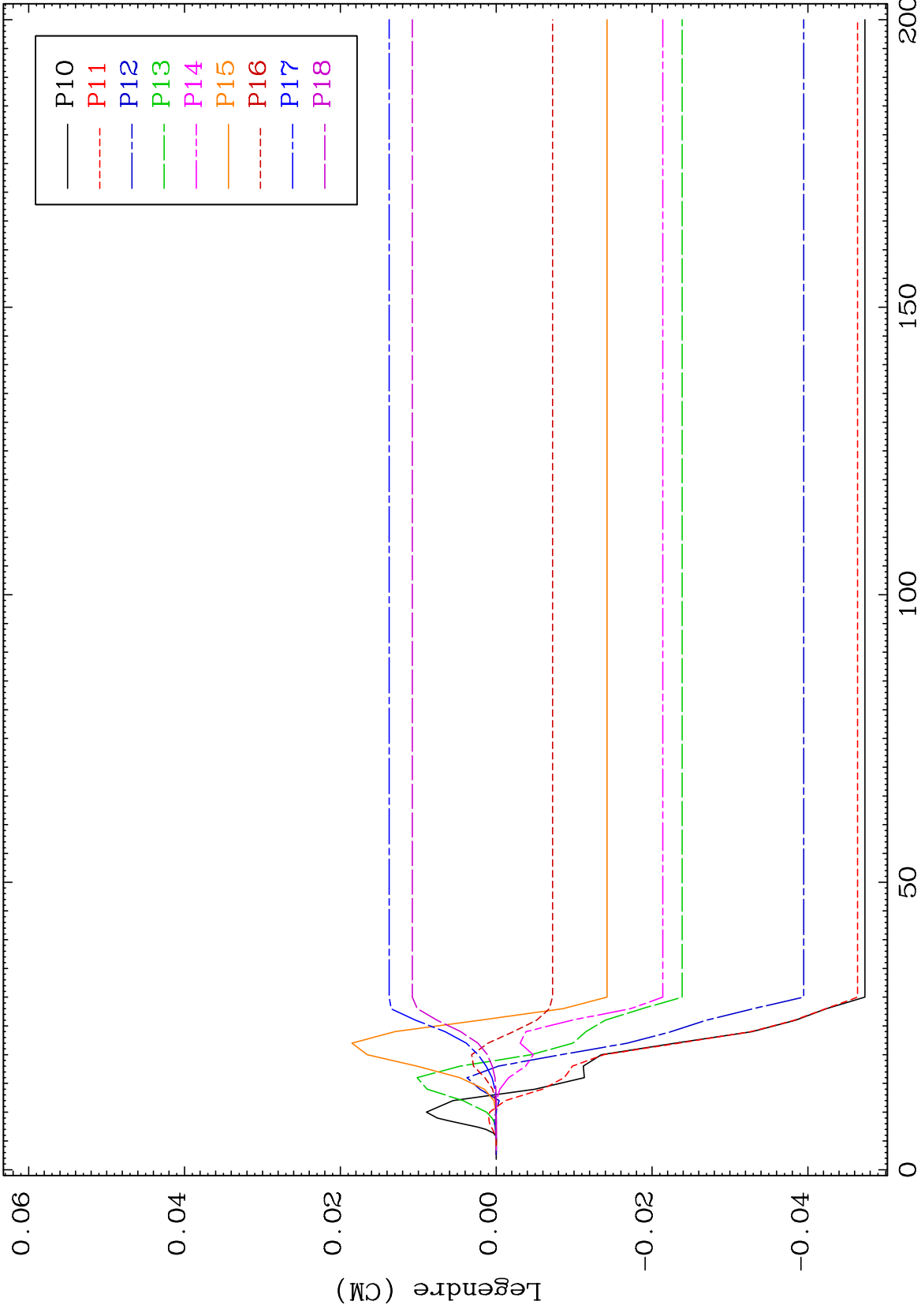
95



MAT 5634

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

56-Ba-133



97

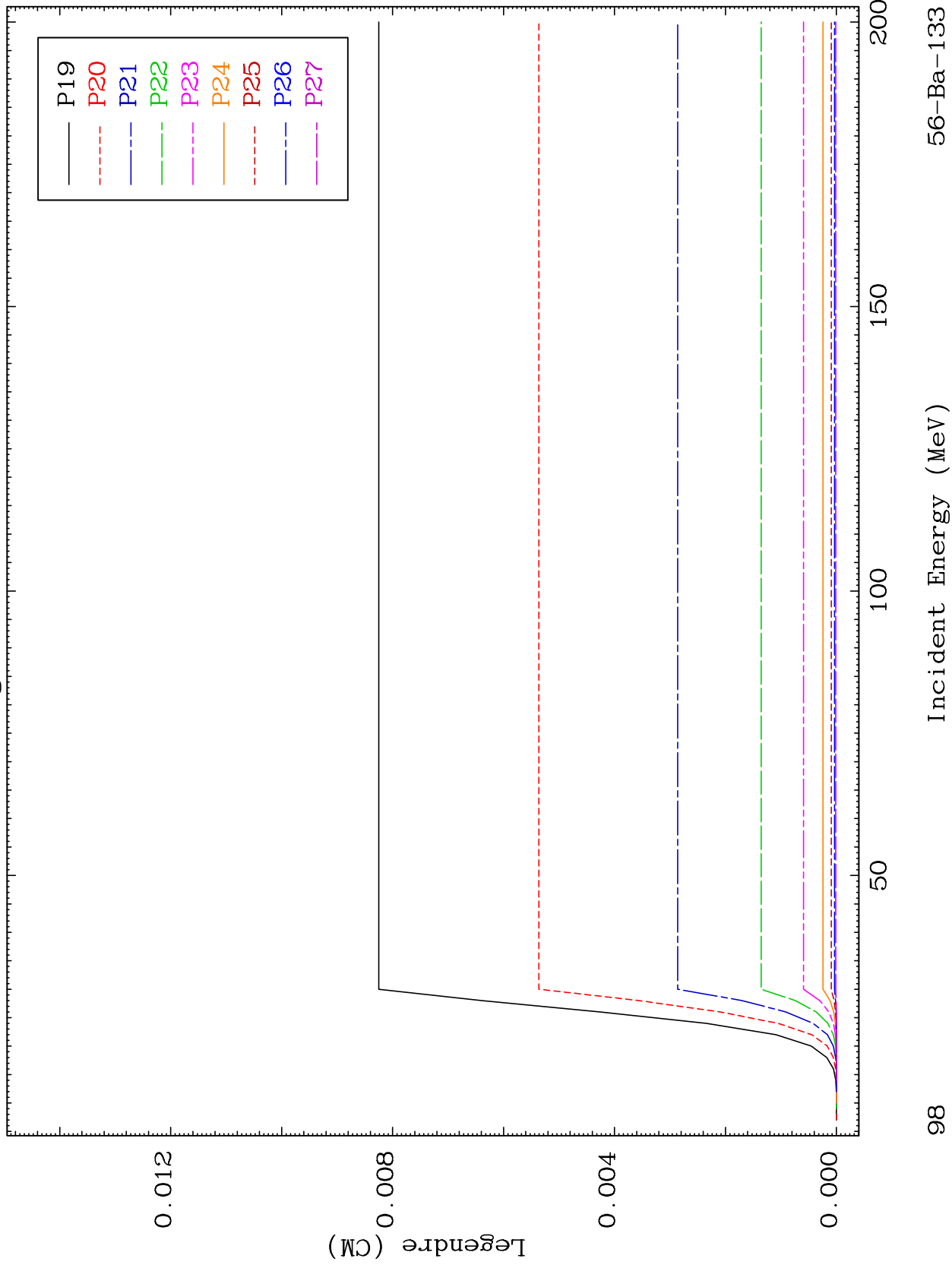
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



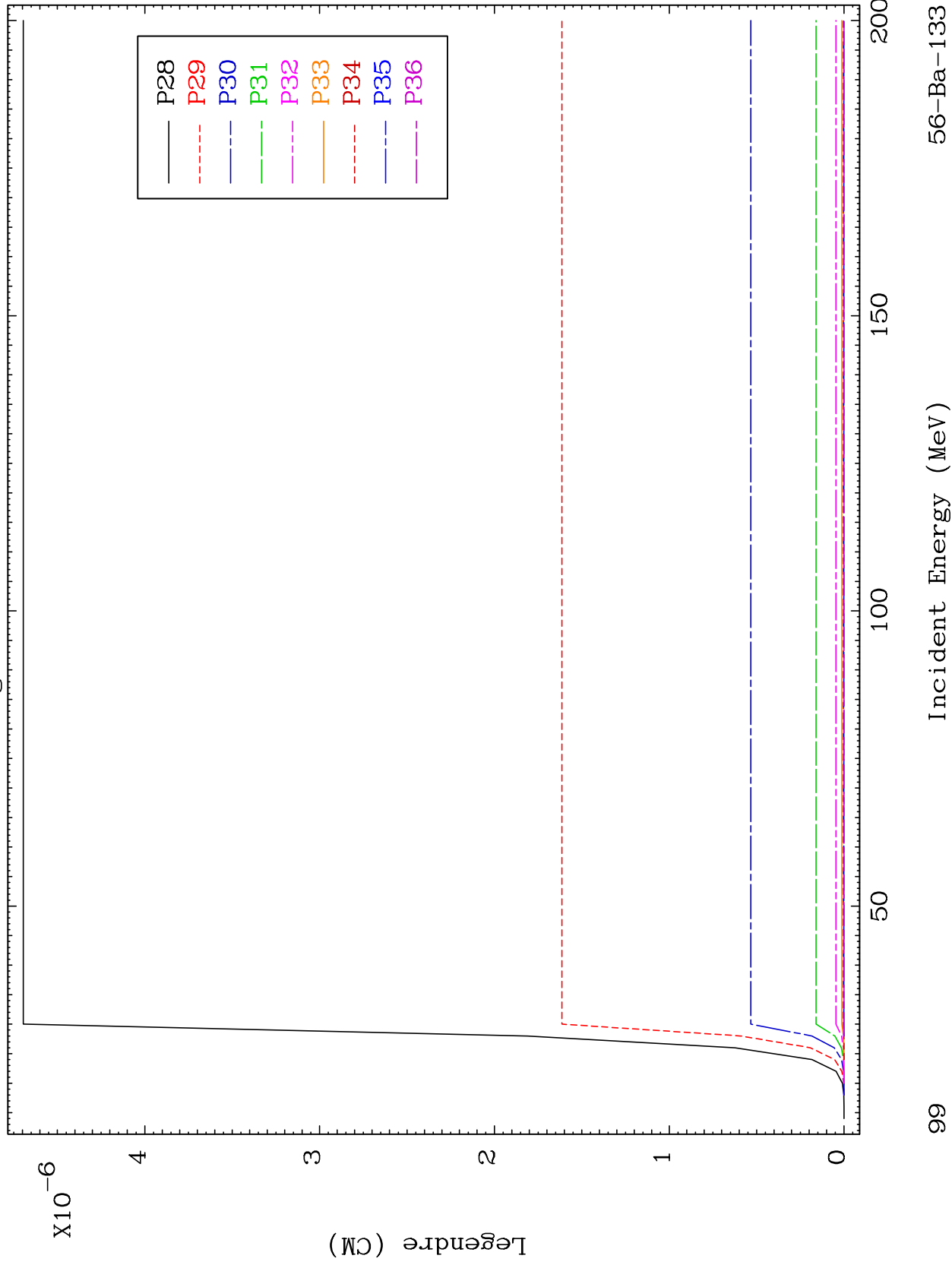
98

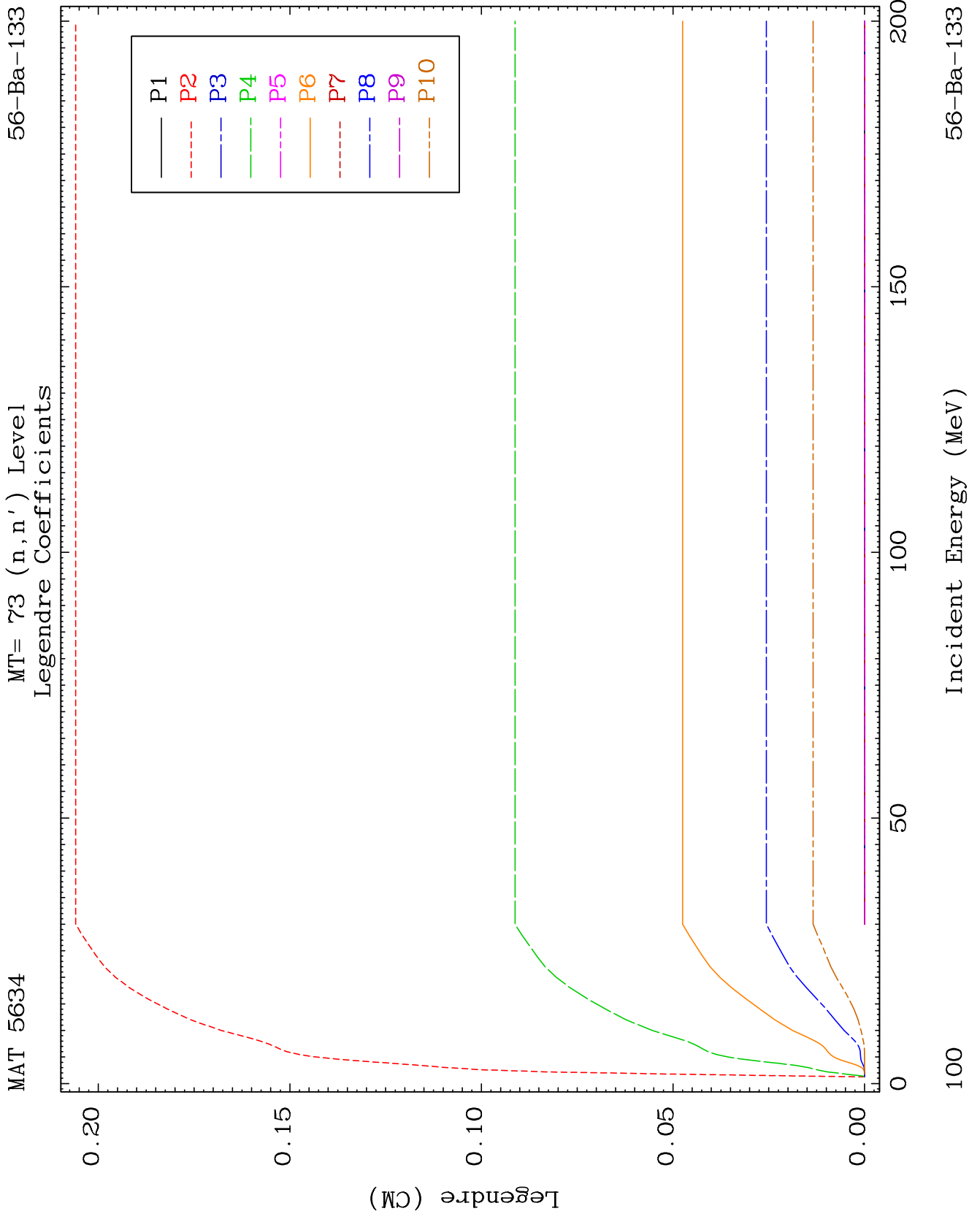
56-Ba-133

MAT 5634

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

56-Ba-133

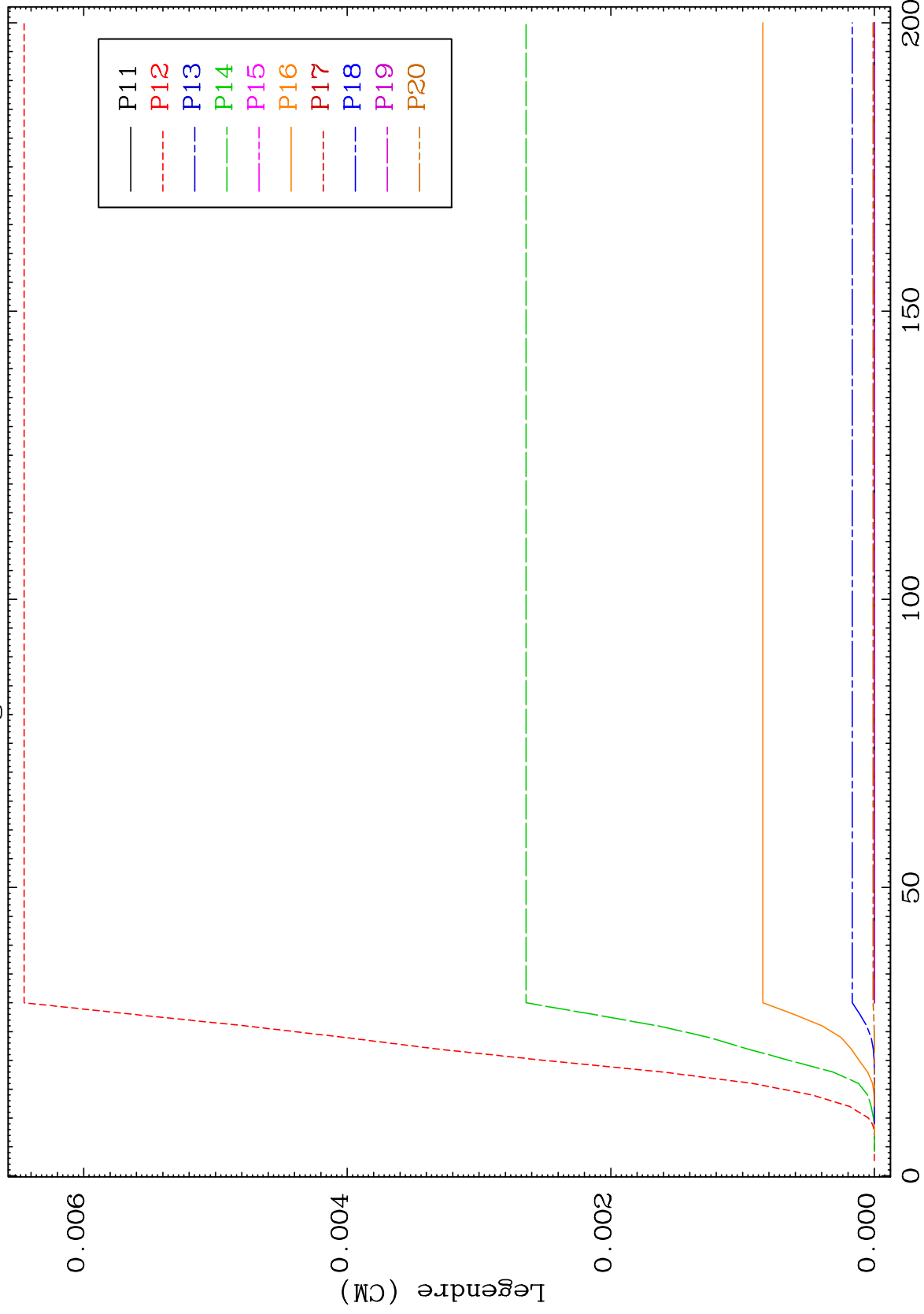




MAT 5634

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

56-Ba-133



101

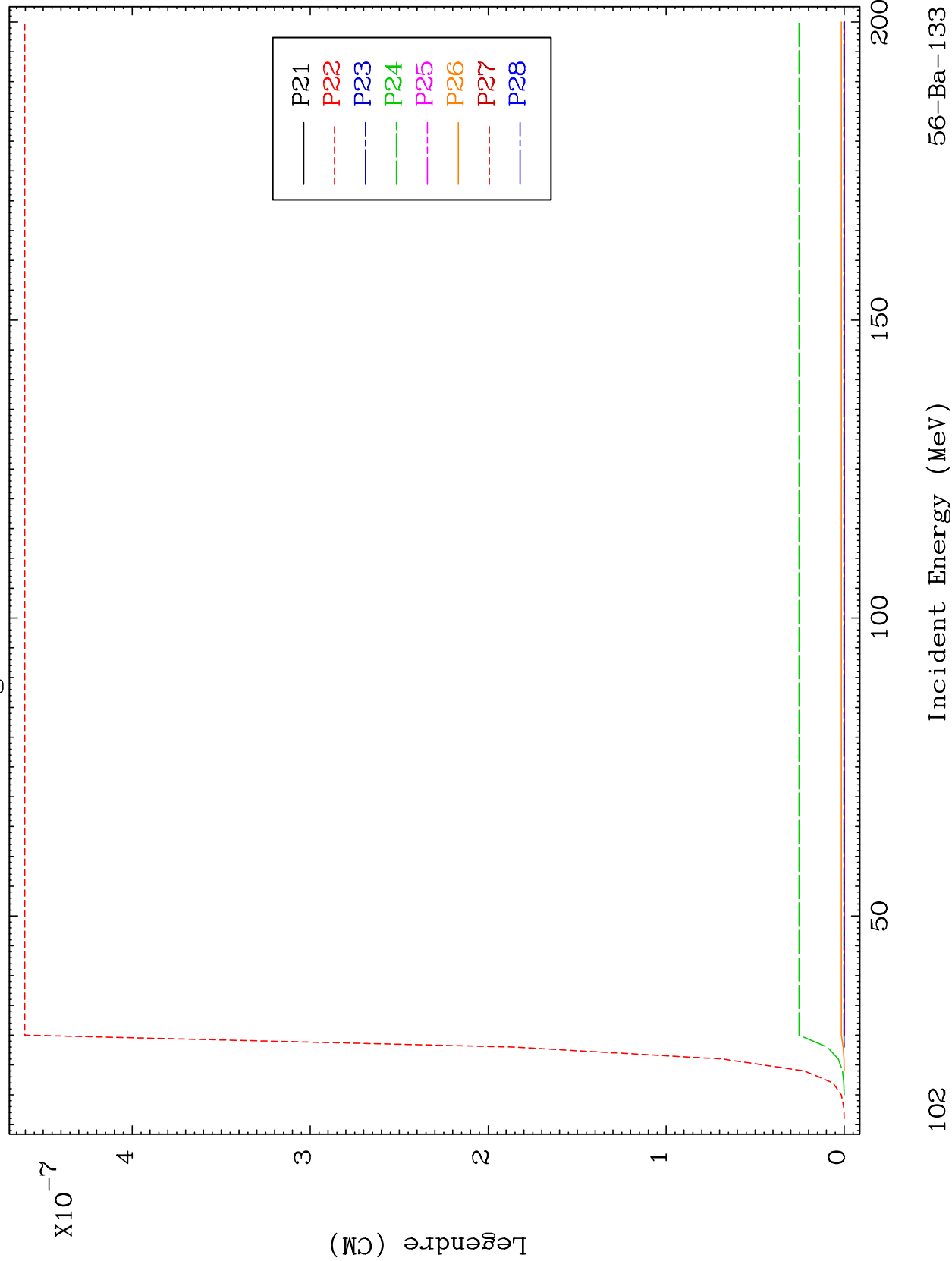
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



56-Ba-133

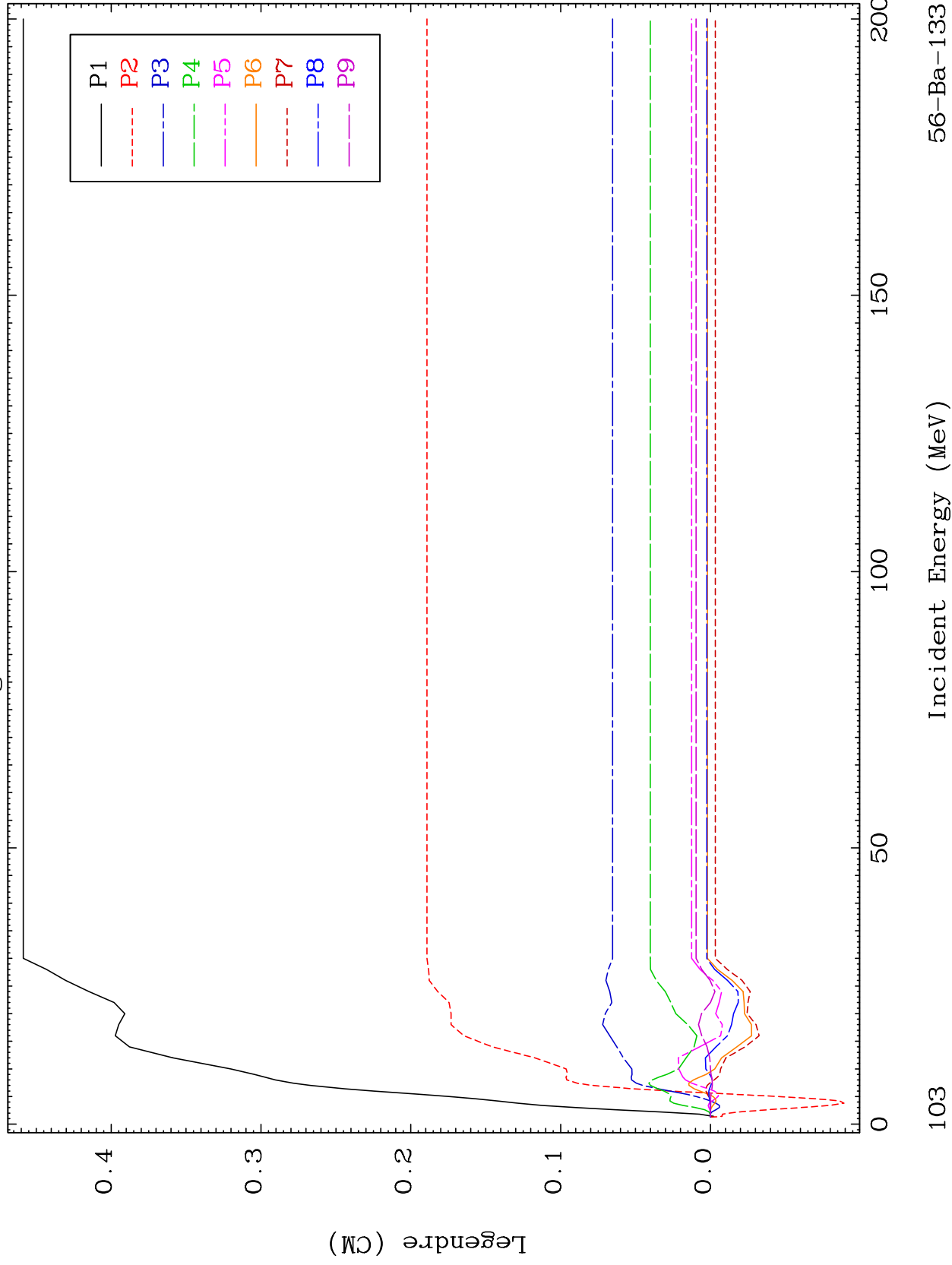
Incident Energy (MeV)

102

MAT 5634

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

56-Ba-133



56-Ba-133

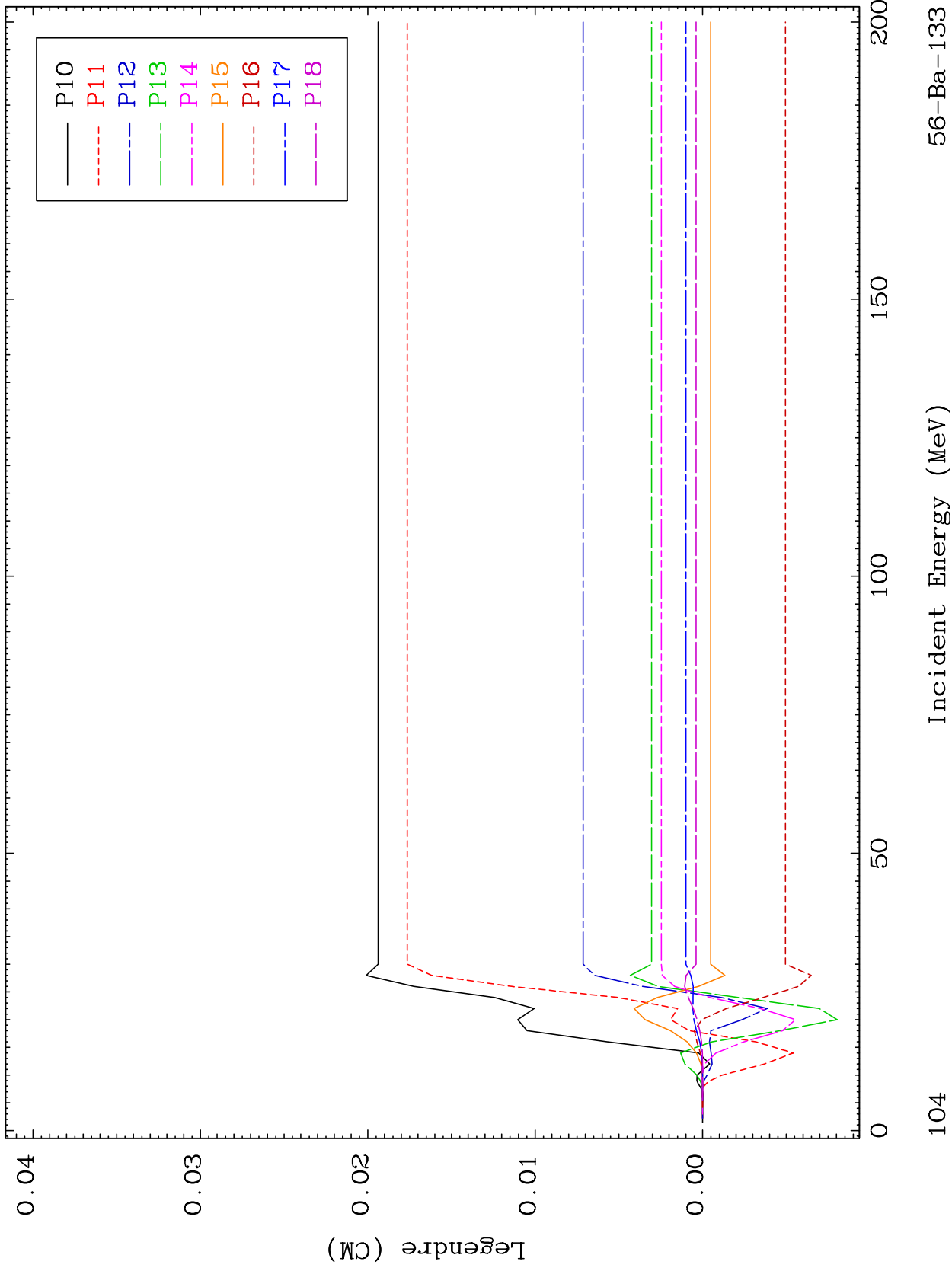
Incident Energy (MeV)

103

MAT 5634

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

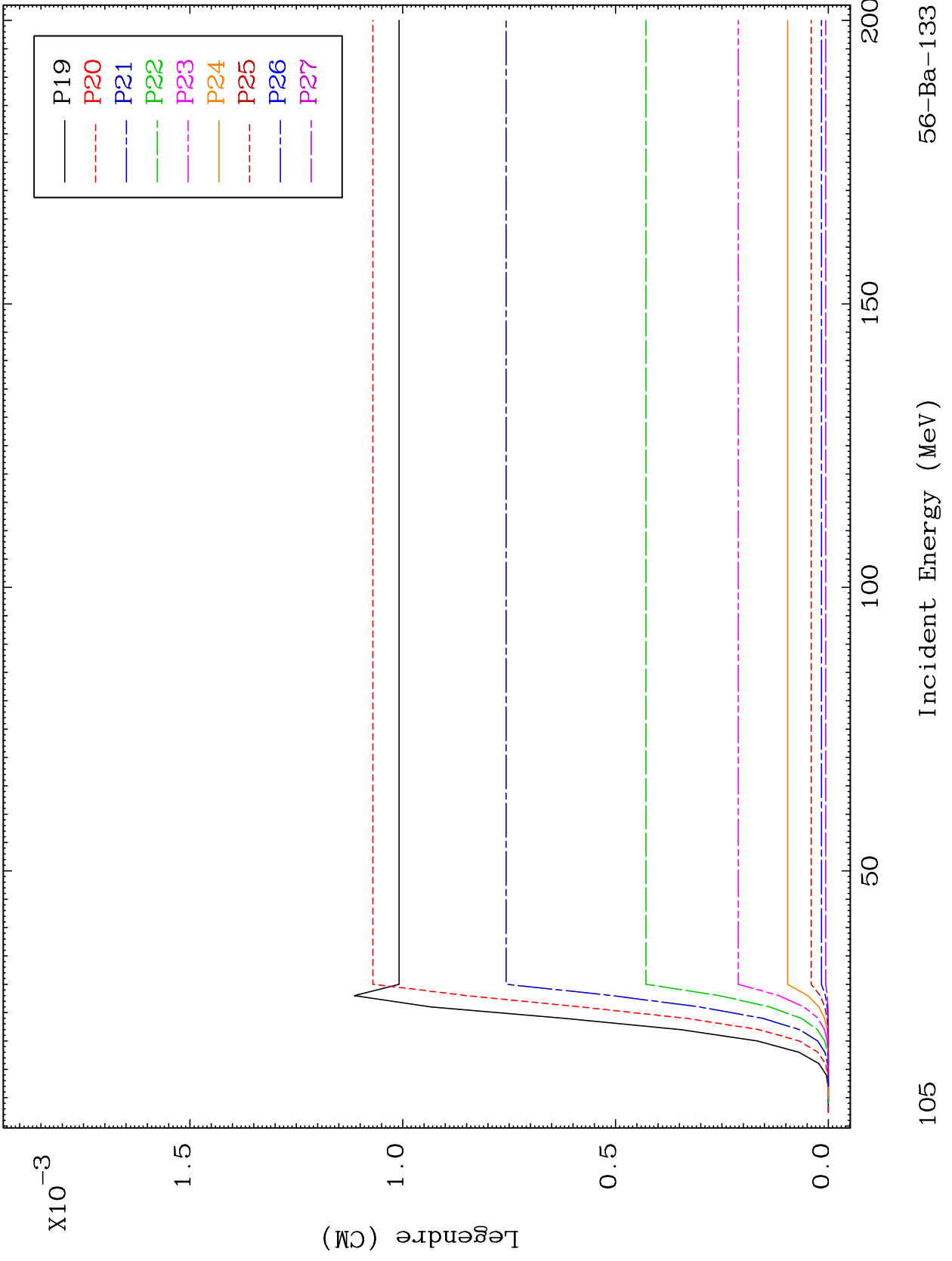
56-Ba-133



MAT 5634

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

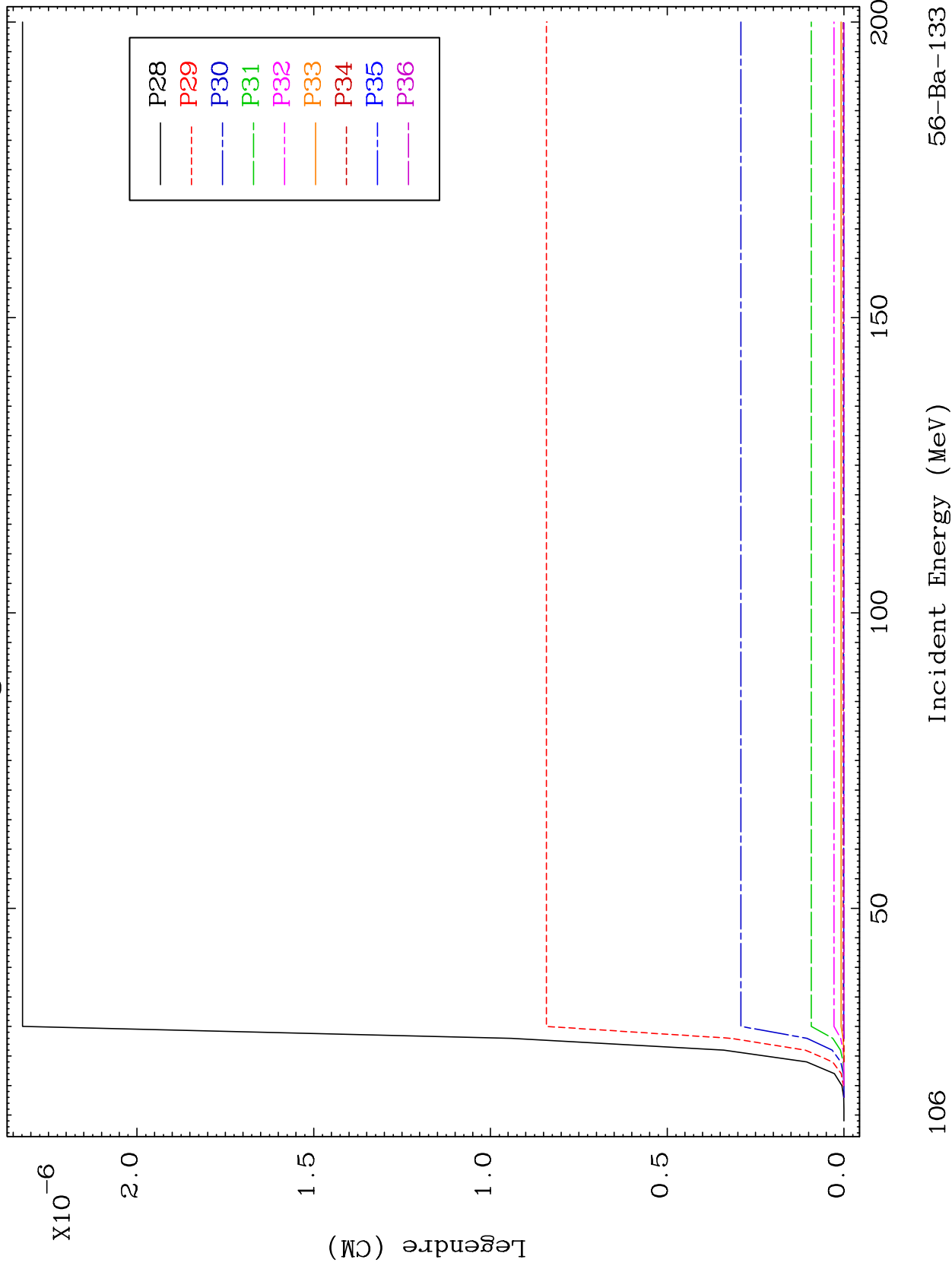
56-Ba-133



MAT 5634

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

56-Ba-133



106

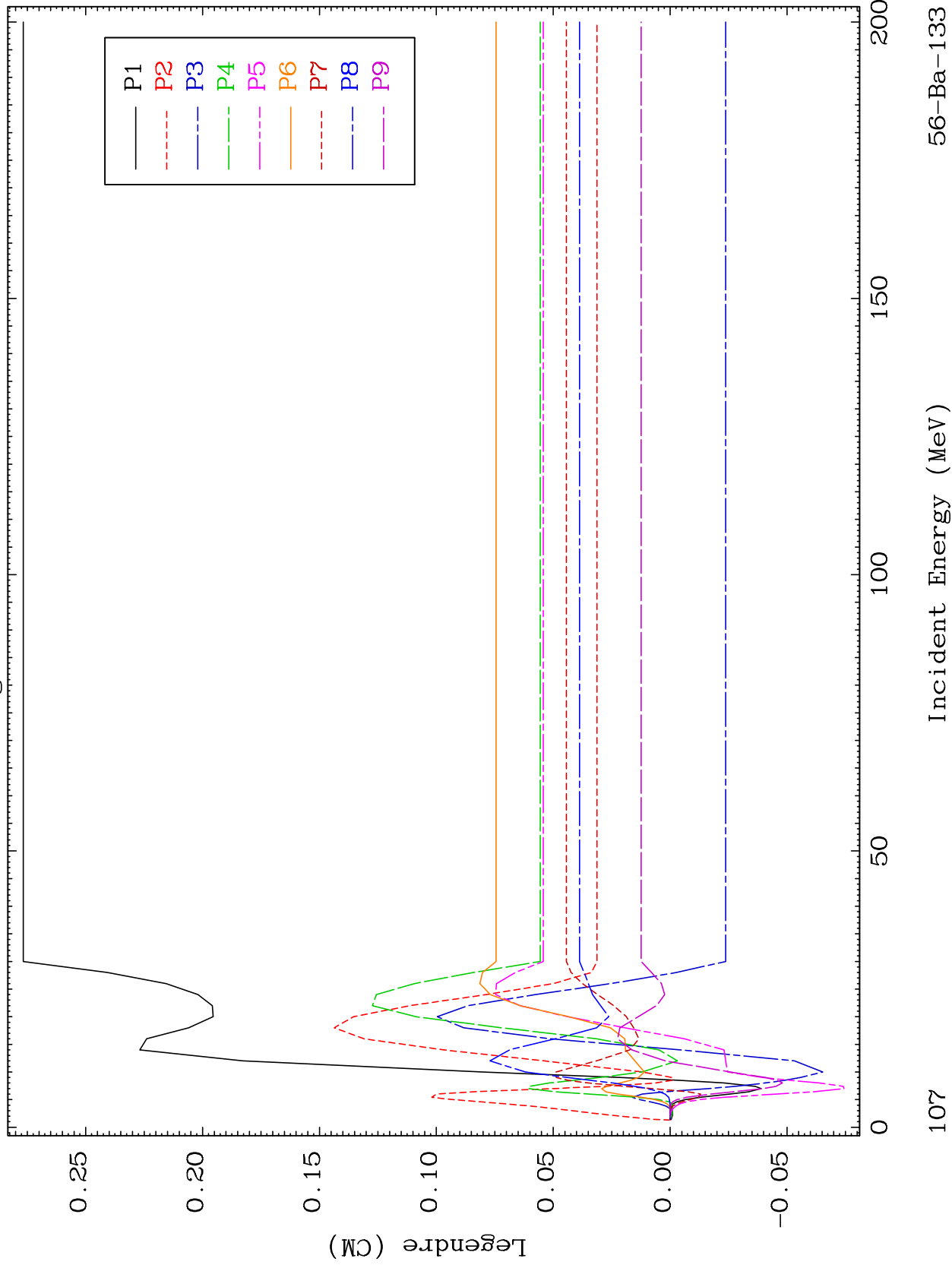
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133

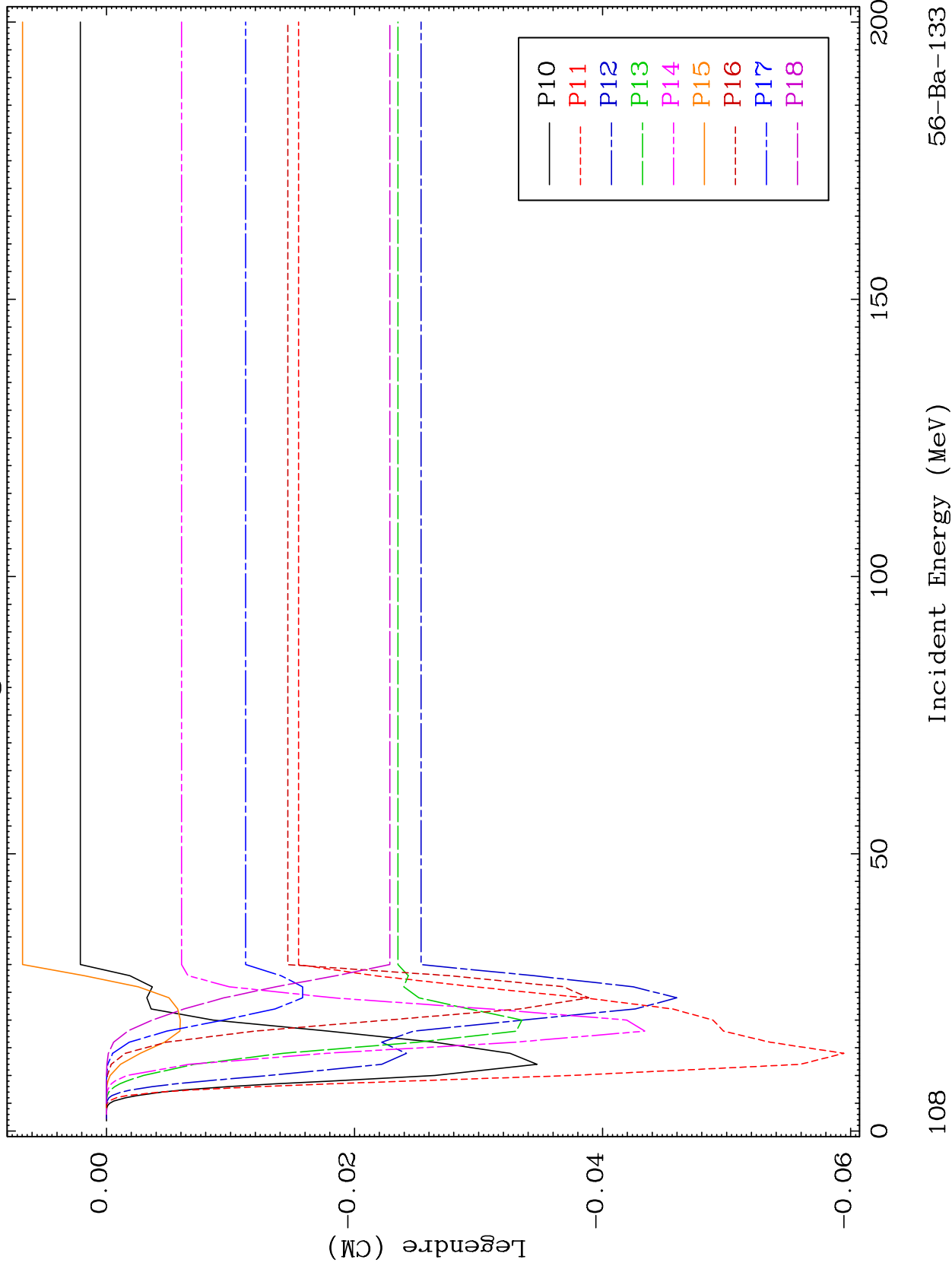


MAT 5634

MT= 75 (n,n') Level

56-Ba-133

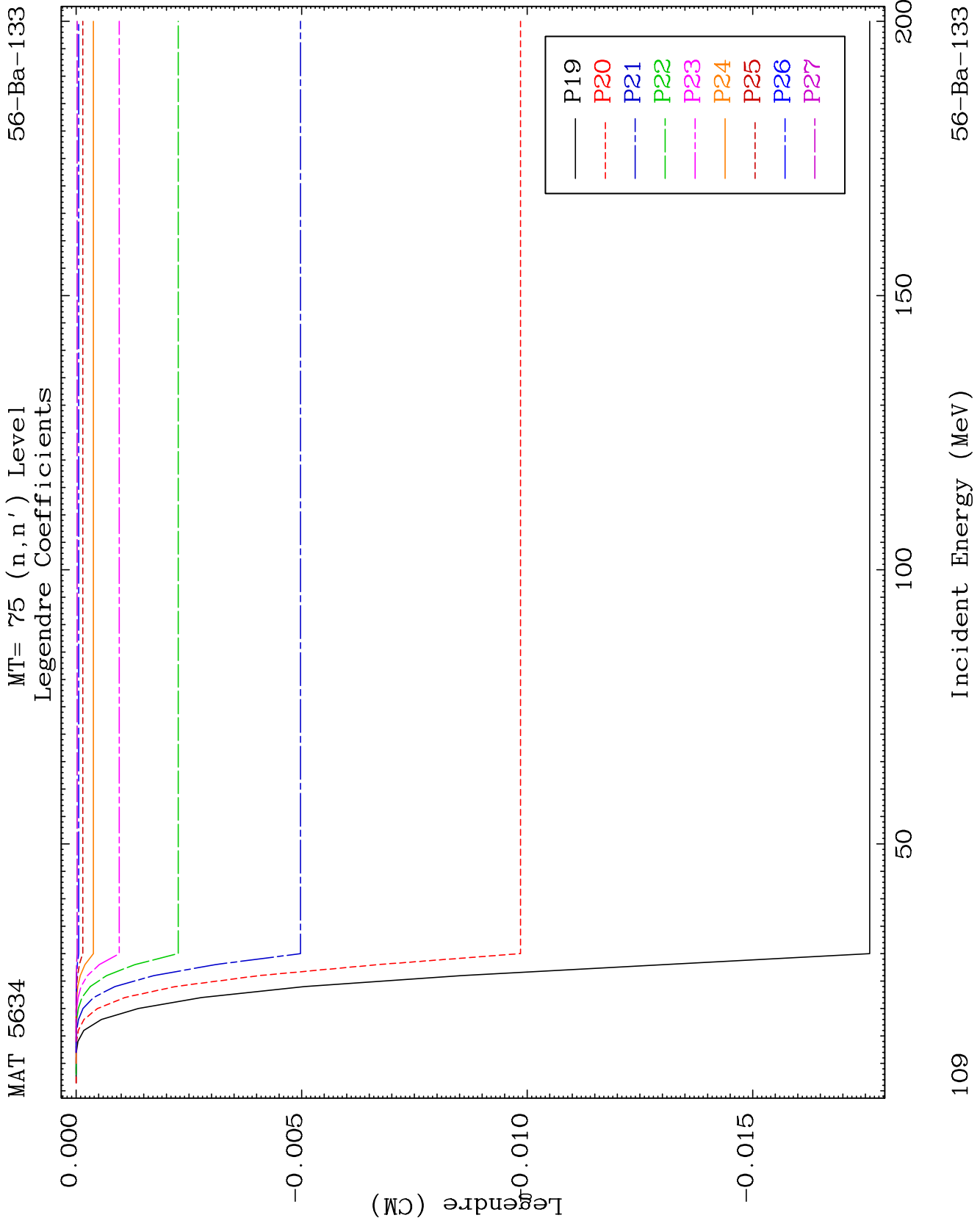
Legendre Coefficients



56-Ba-133

Incident Energy (MeV)

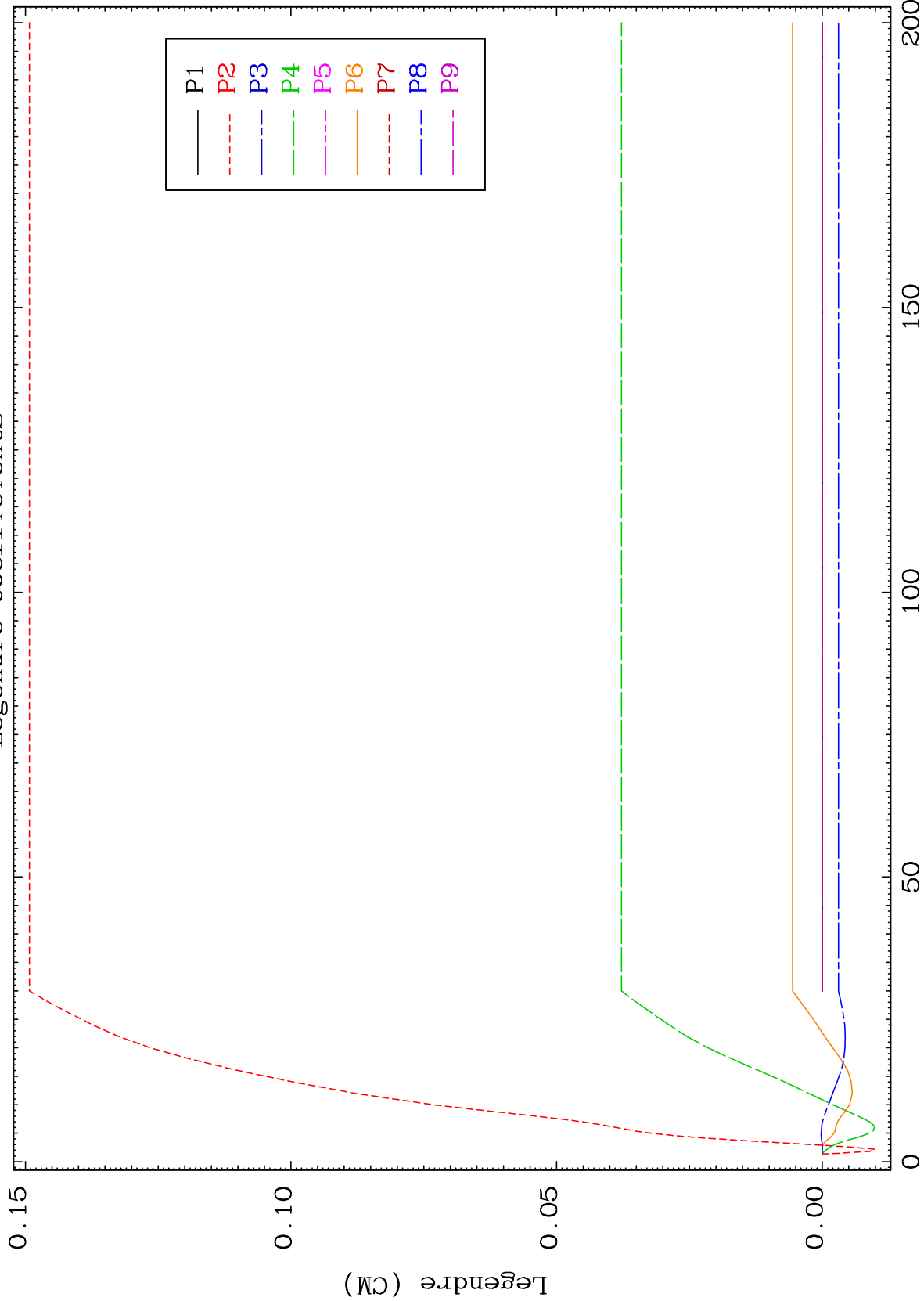
108



MAT 5634

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

56-Ba-133



111

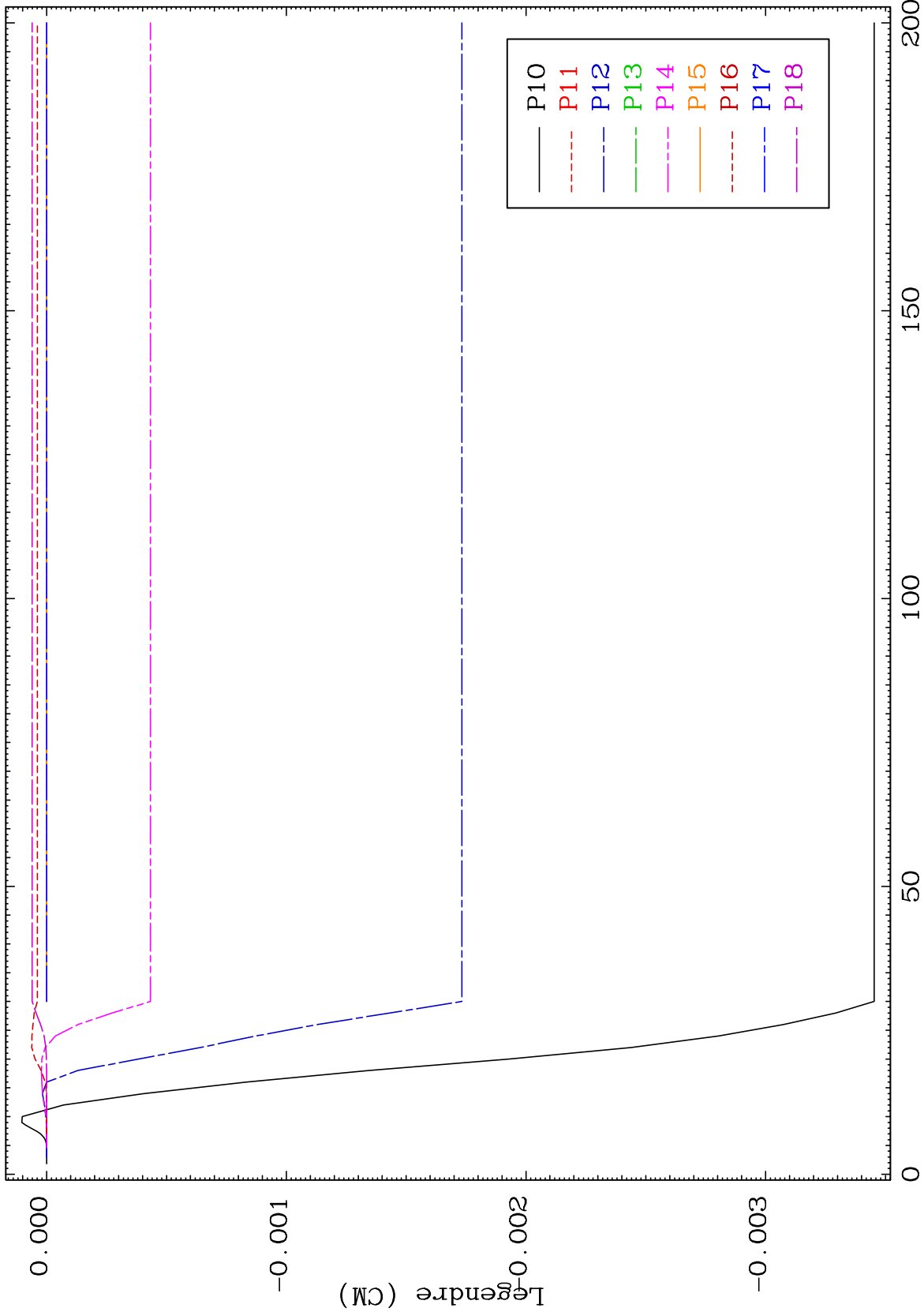
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

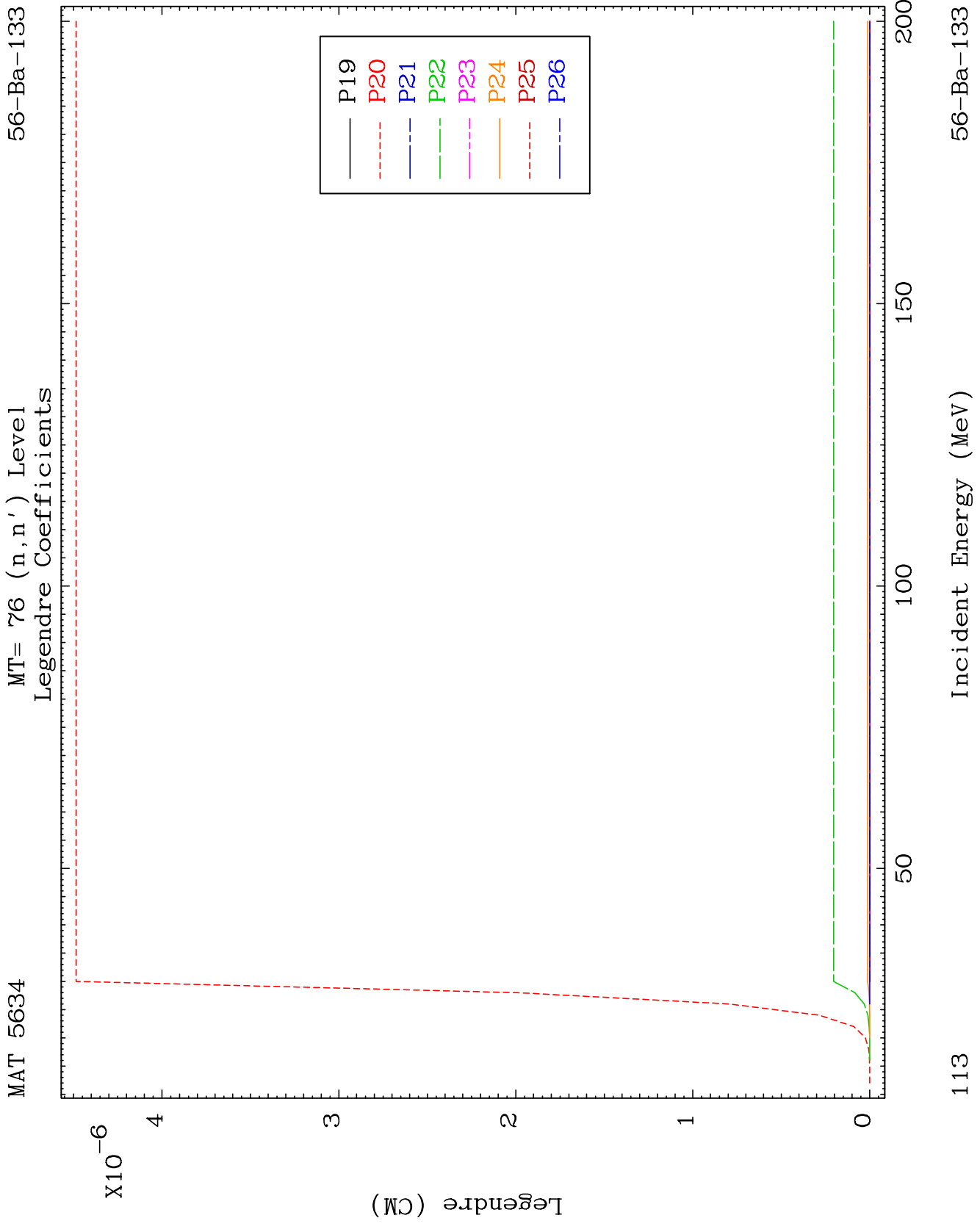
56-Ba-133



112

Incident Energy (MeV)

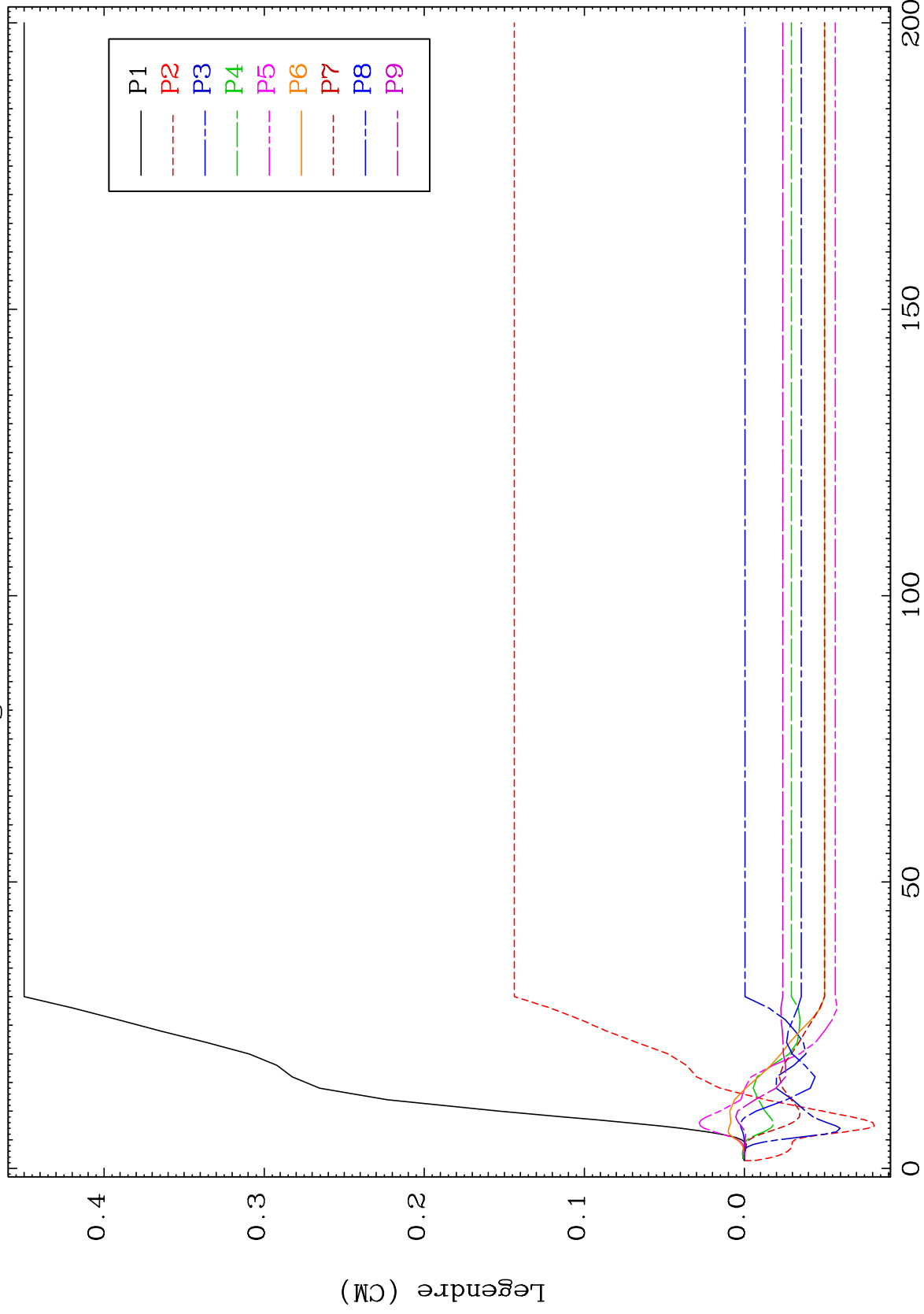
56-Ba-133



MAT 5634

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

56-Ba-133



114

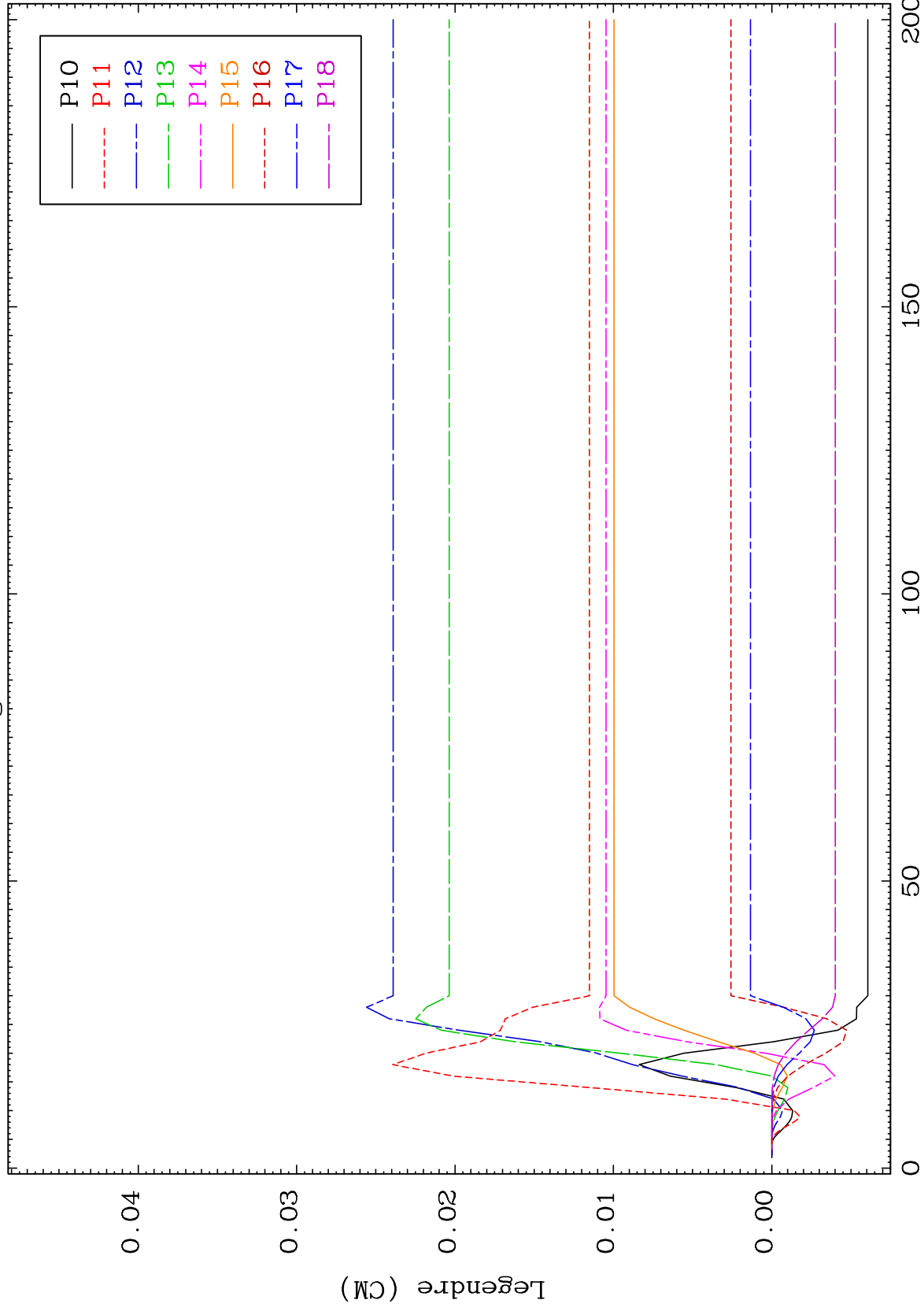
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



115

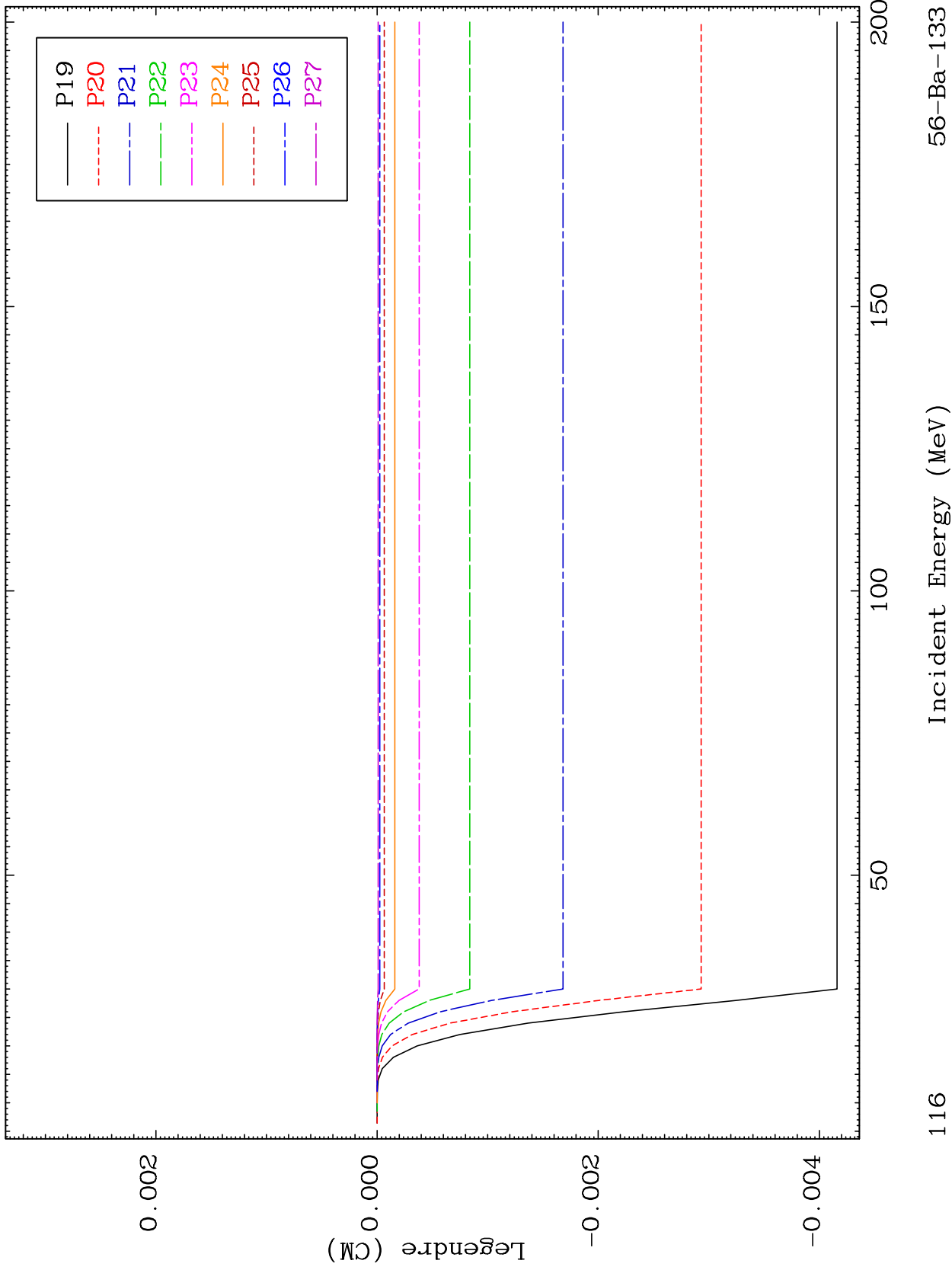
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



116

Incident Energy (MeV)

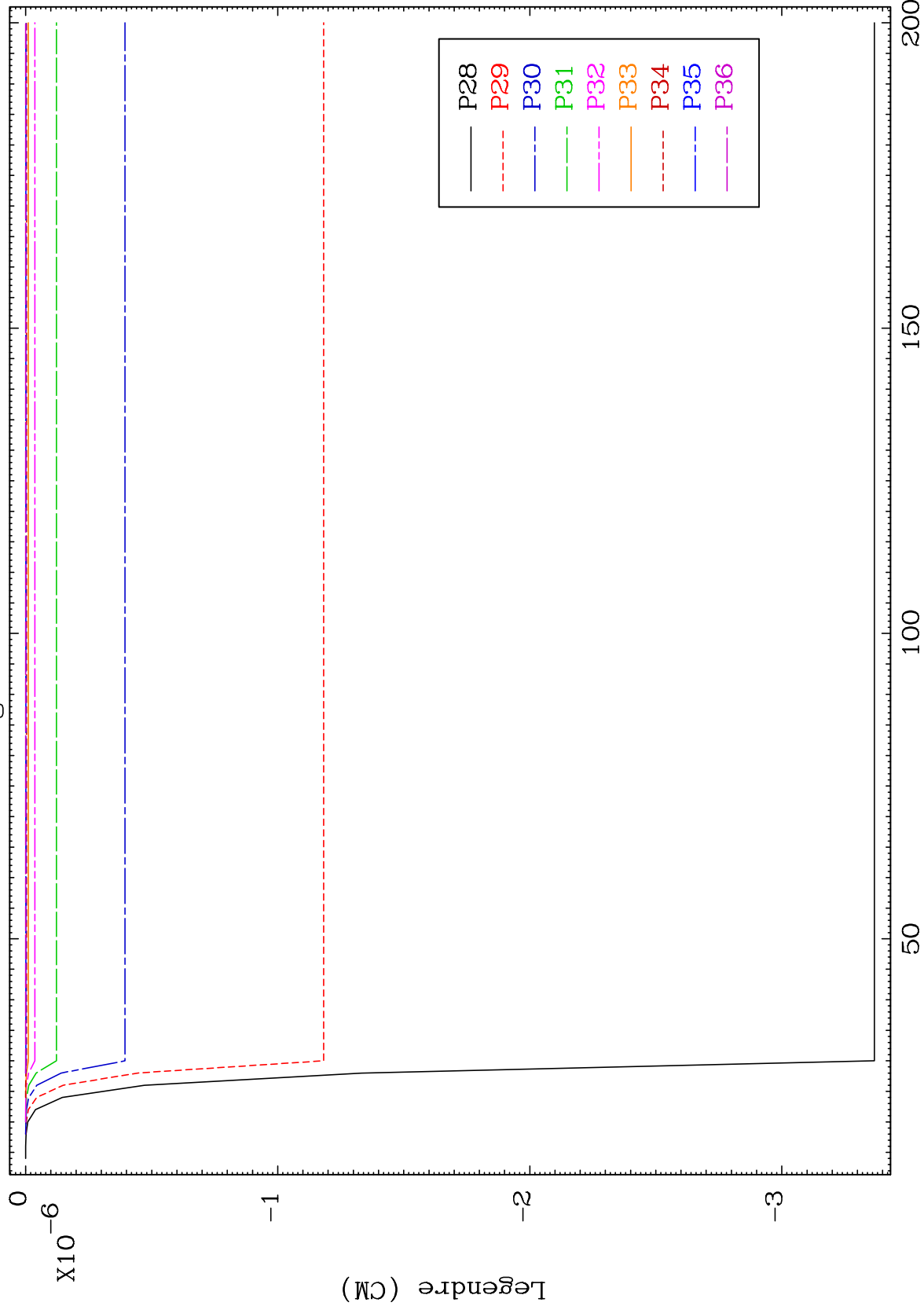
56-Ba-133

MAT 5634

MT= 77 (n,n') Level

56-Ba-133

Legendre Coefficients



56-Ba-133

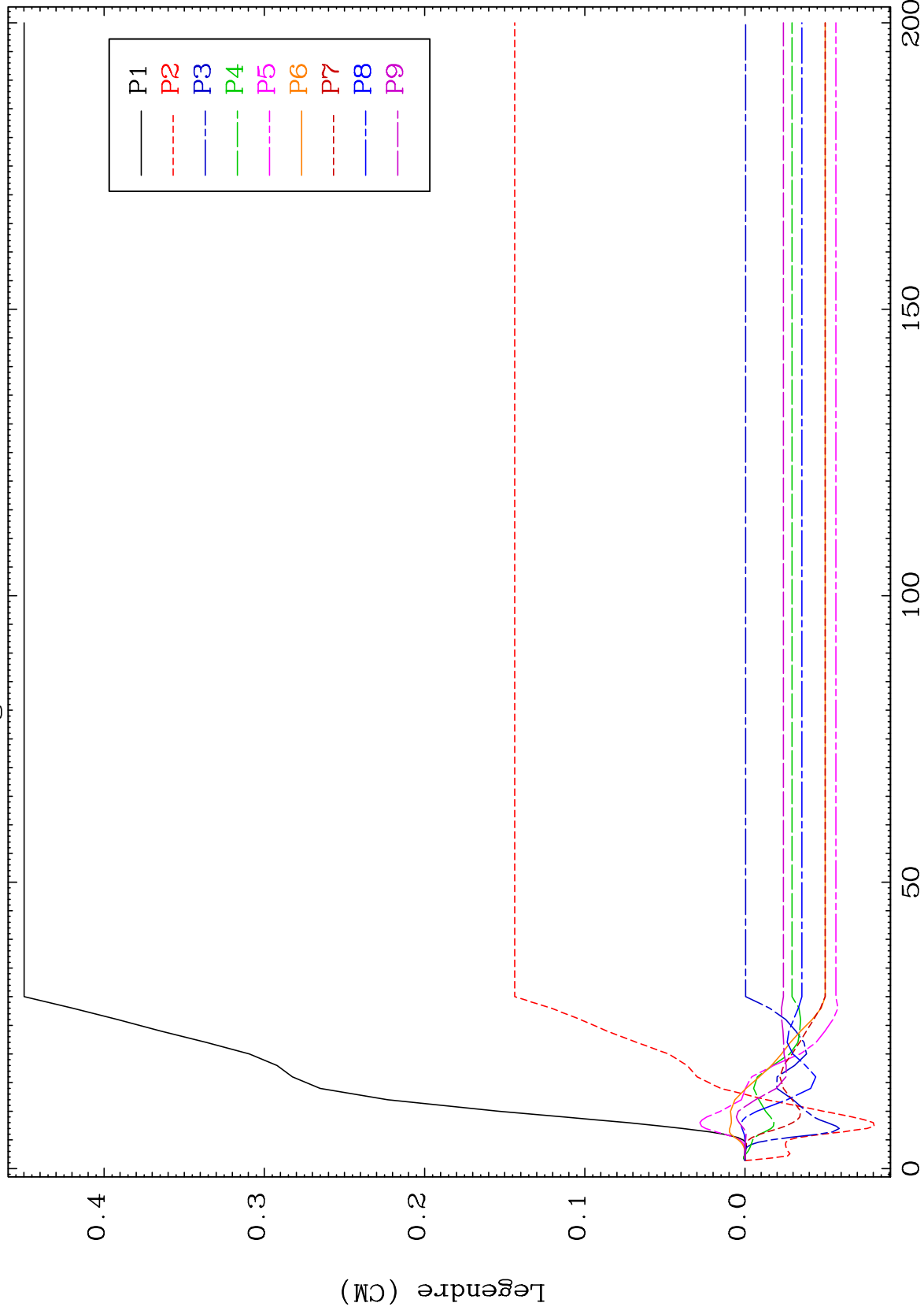
Incident Energy (MeV)

117

MAT 5634

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

56-Ba-133



118

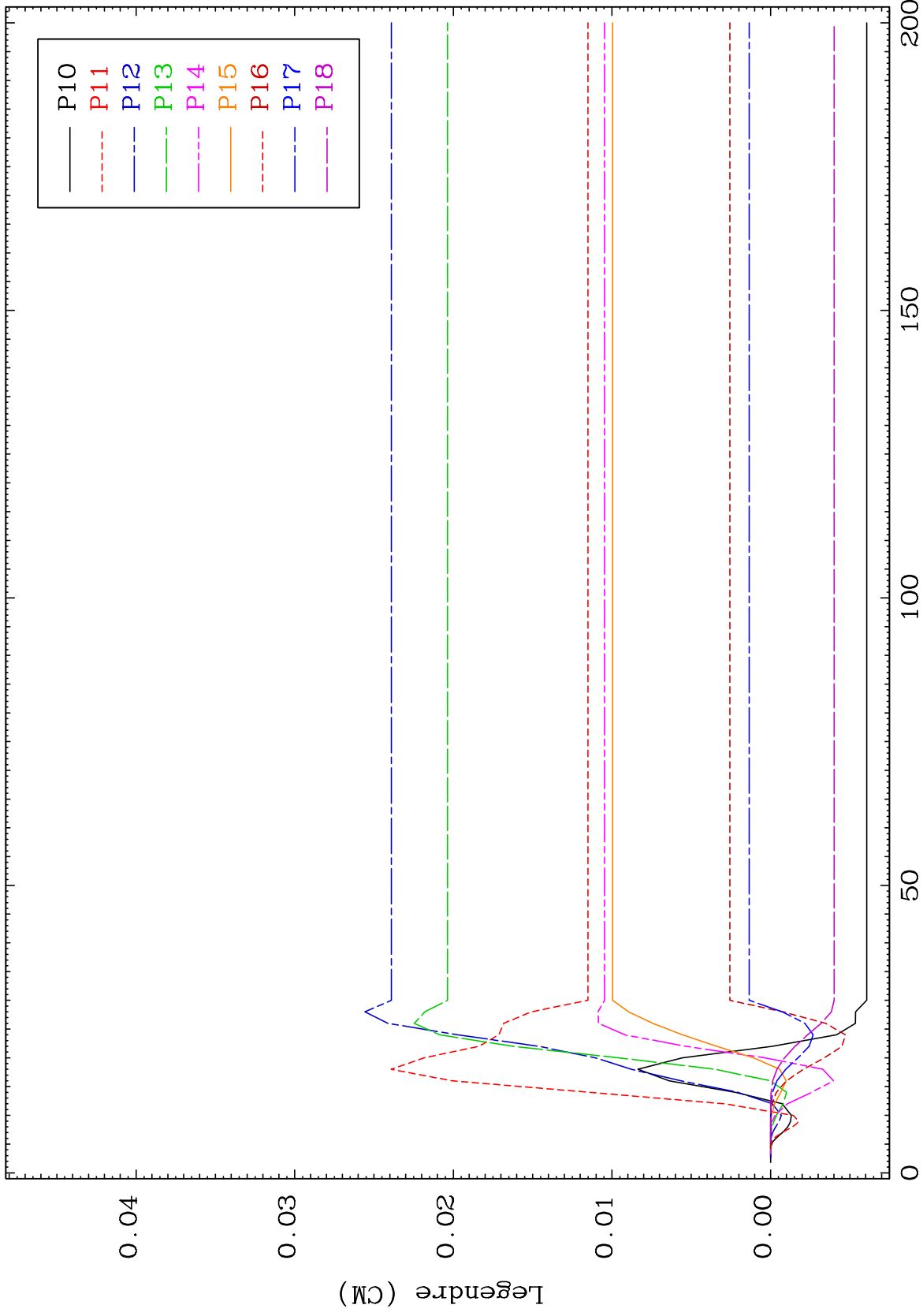
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

56-Ba-133



119

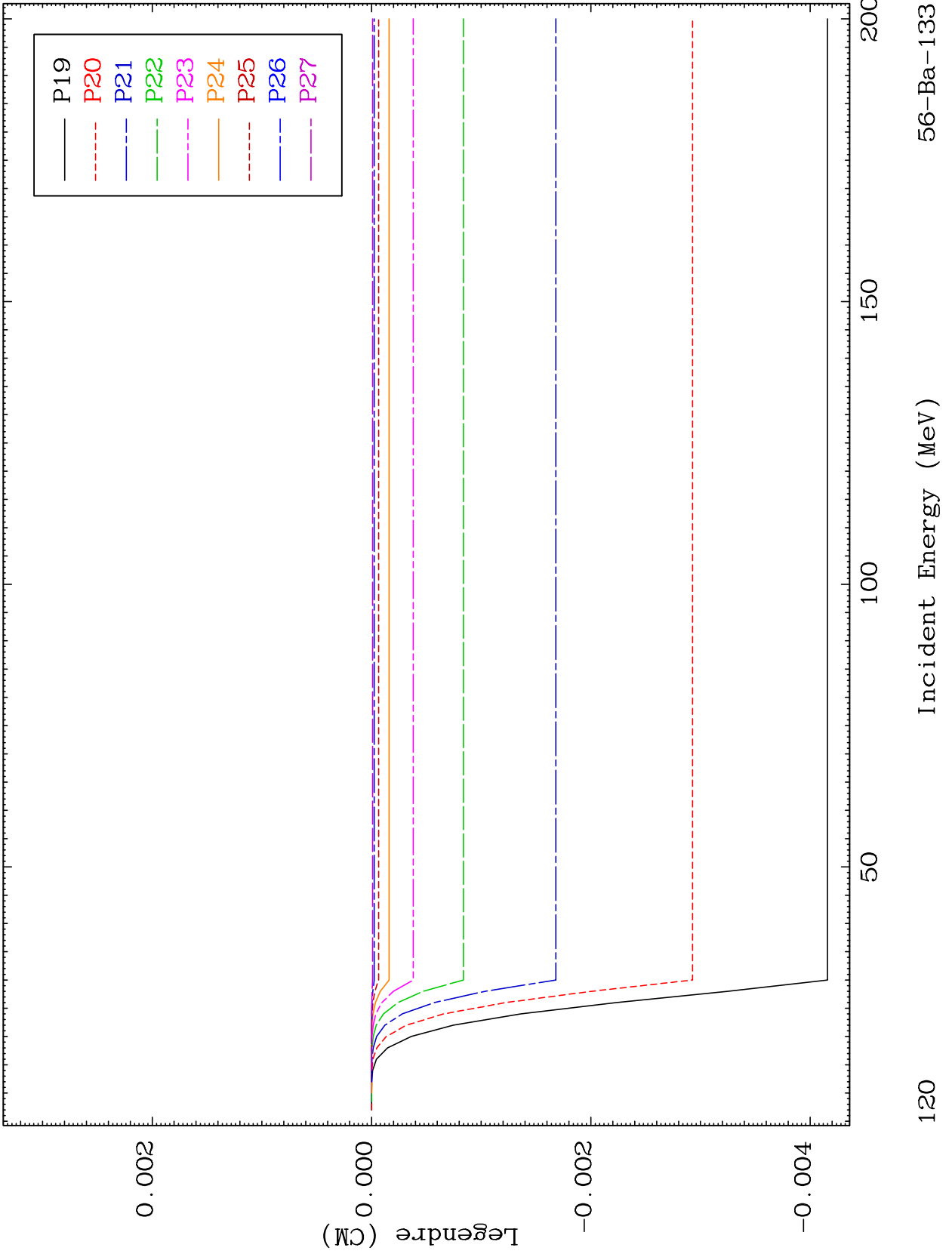
Incident Energy (MeV)

56-Ba-133

MAT 5634

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

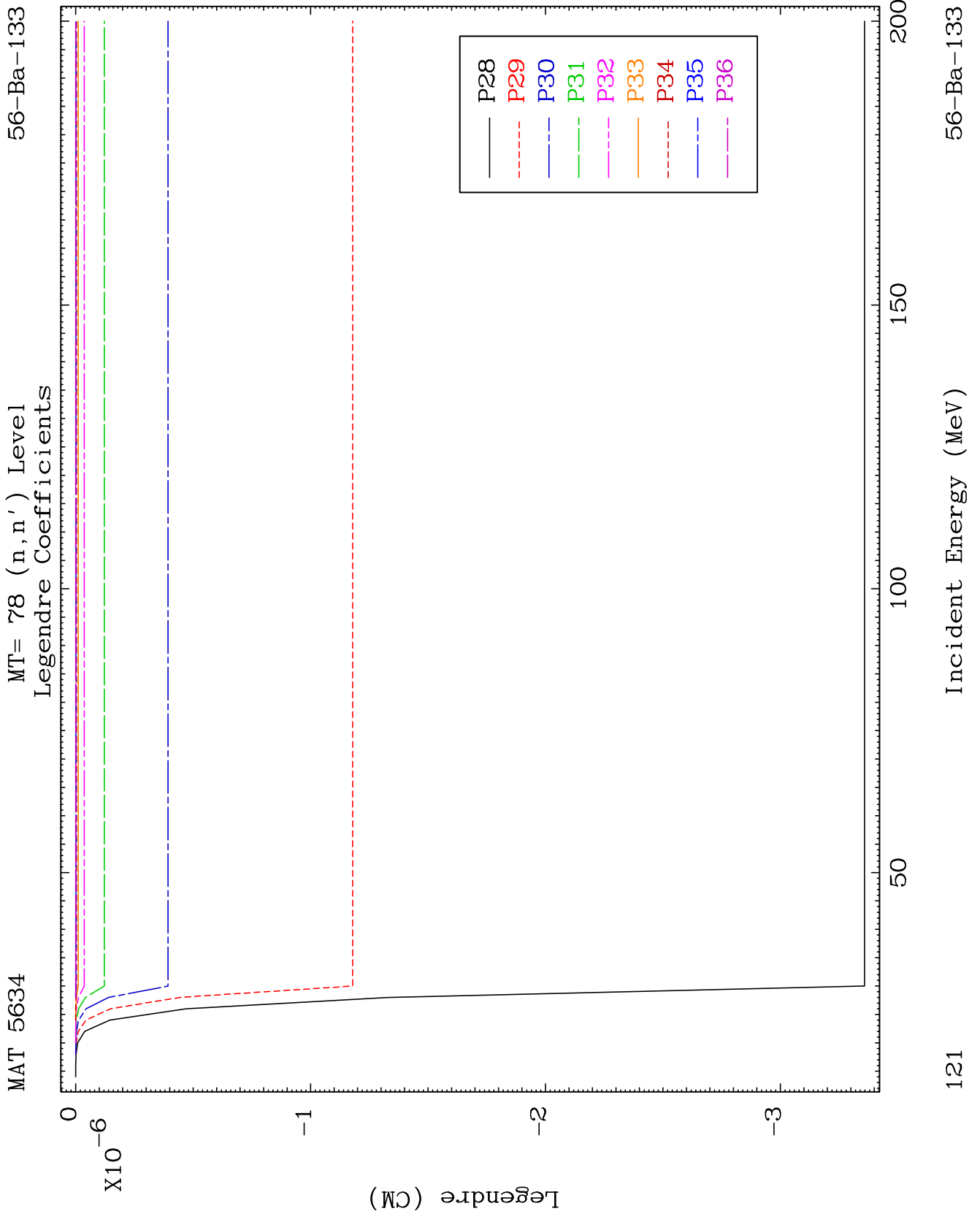
56-Ba-133



120

Incident Energy (MeV)

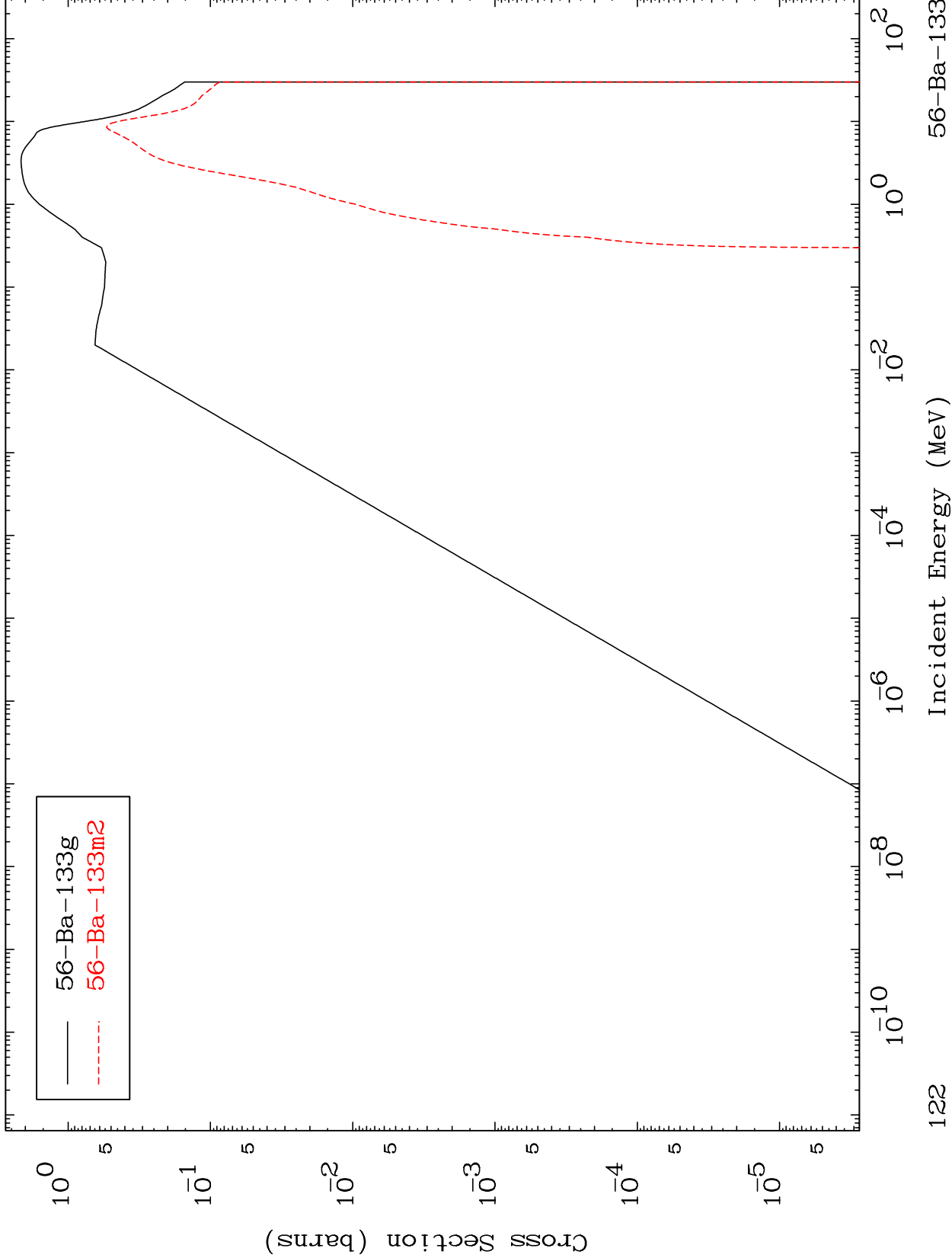
56-Ba-133



MAT 5634

Inelastic
Radionuclide Production Cross Section

56-Ba-133

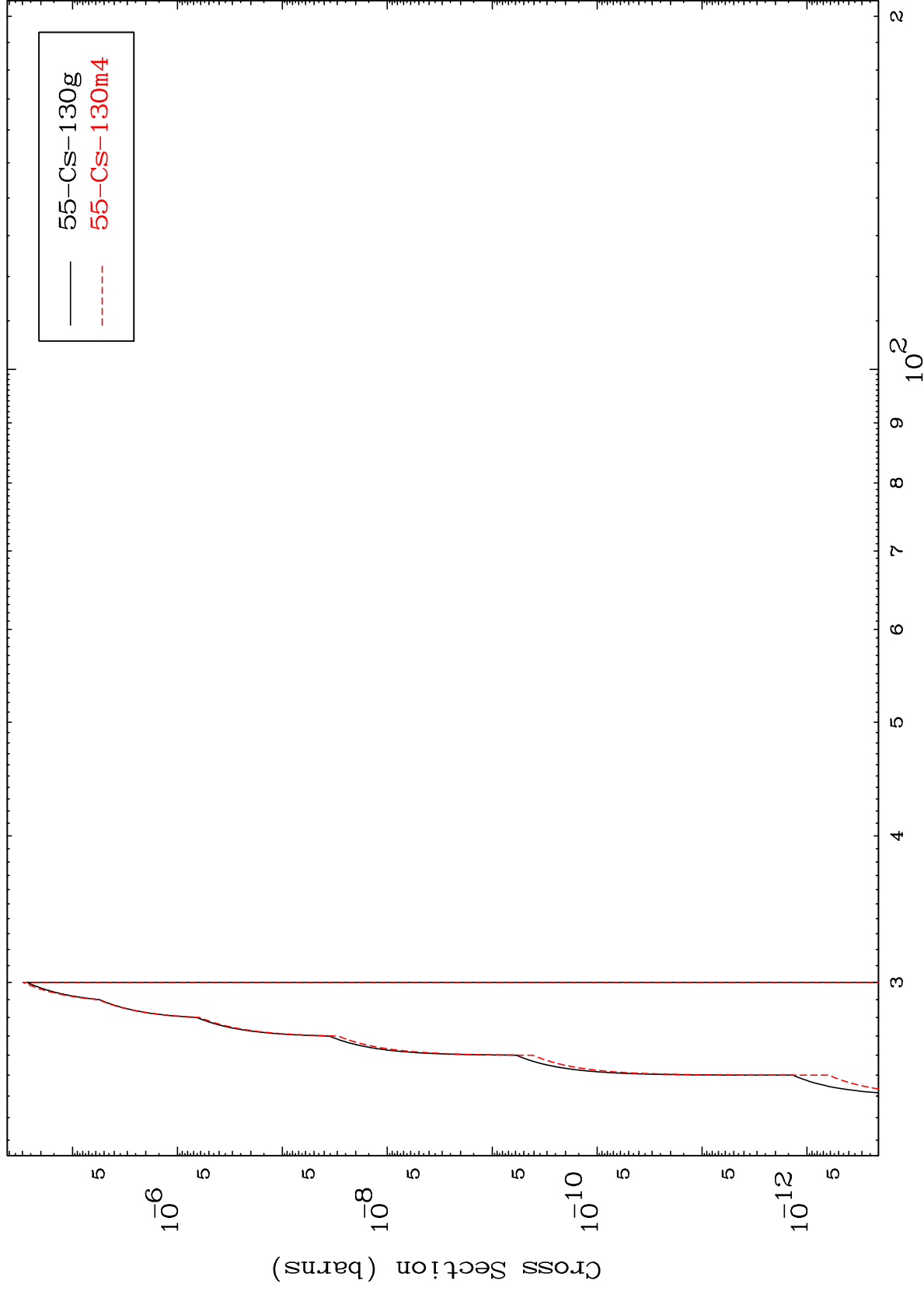


56-Ba-133

MAT 5634

56-Ba-133

(n,2n) d
Radionuclide Production Cross Section



123

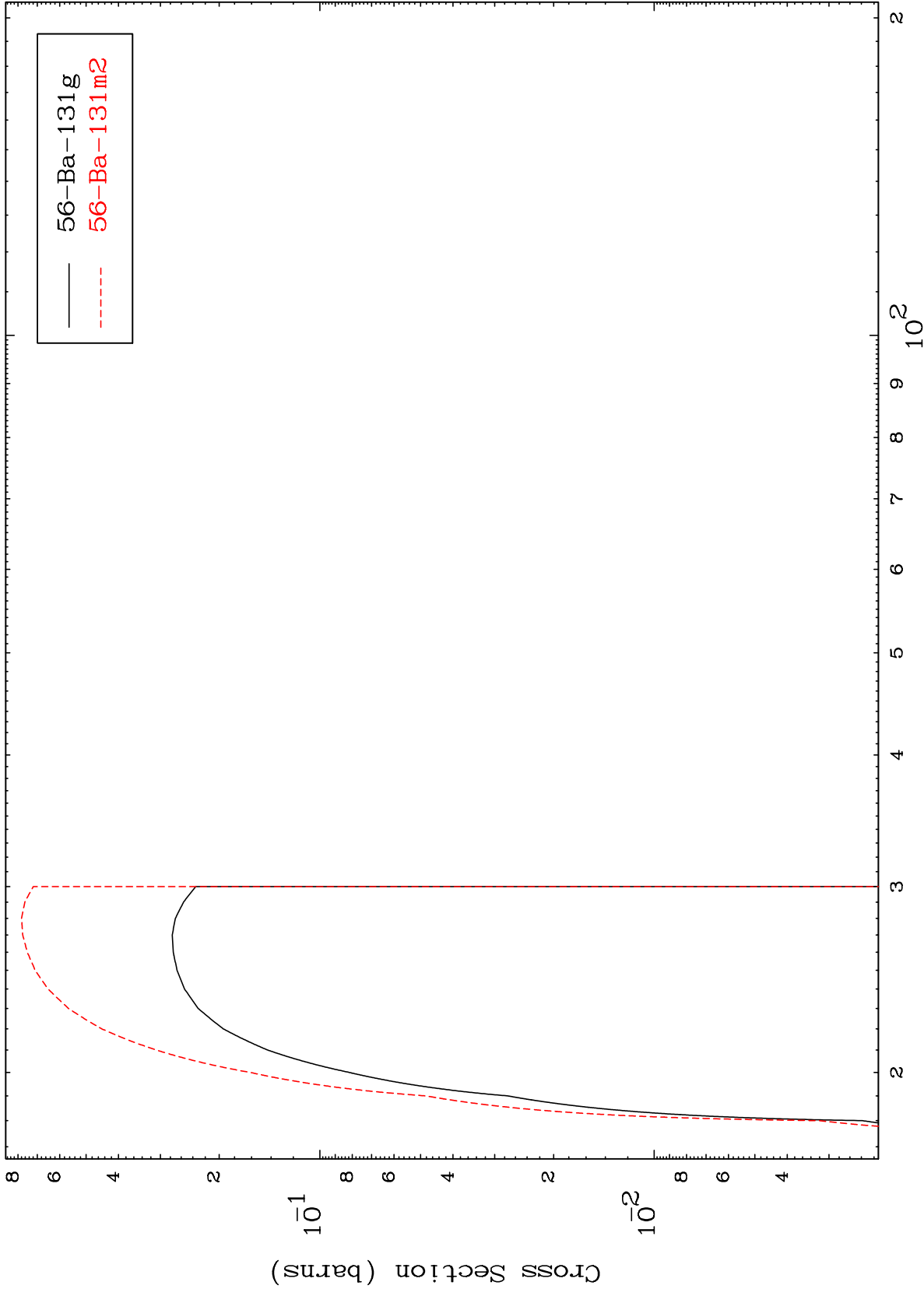
56-Ba-133

MAT 5634

(n,3n)

56-Ba-133

Radionuclide Production Cross Section



124

Incident Energy (MeV)

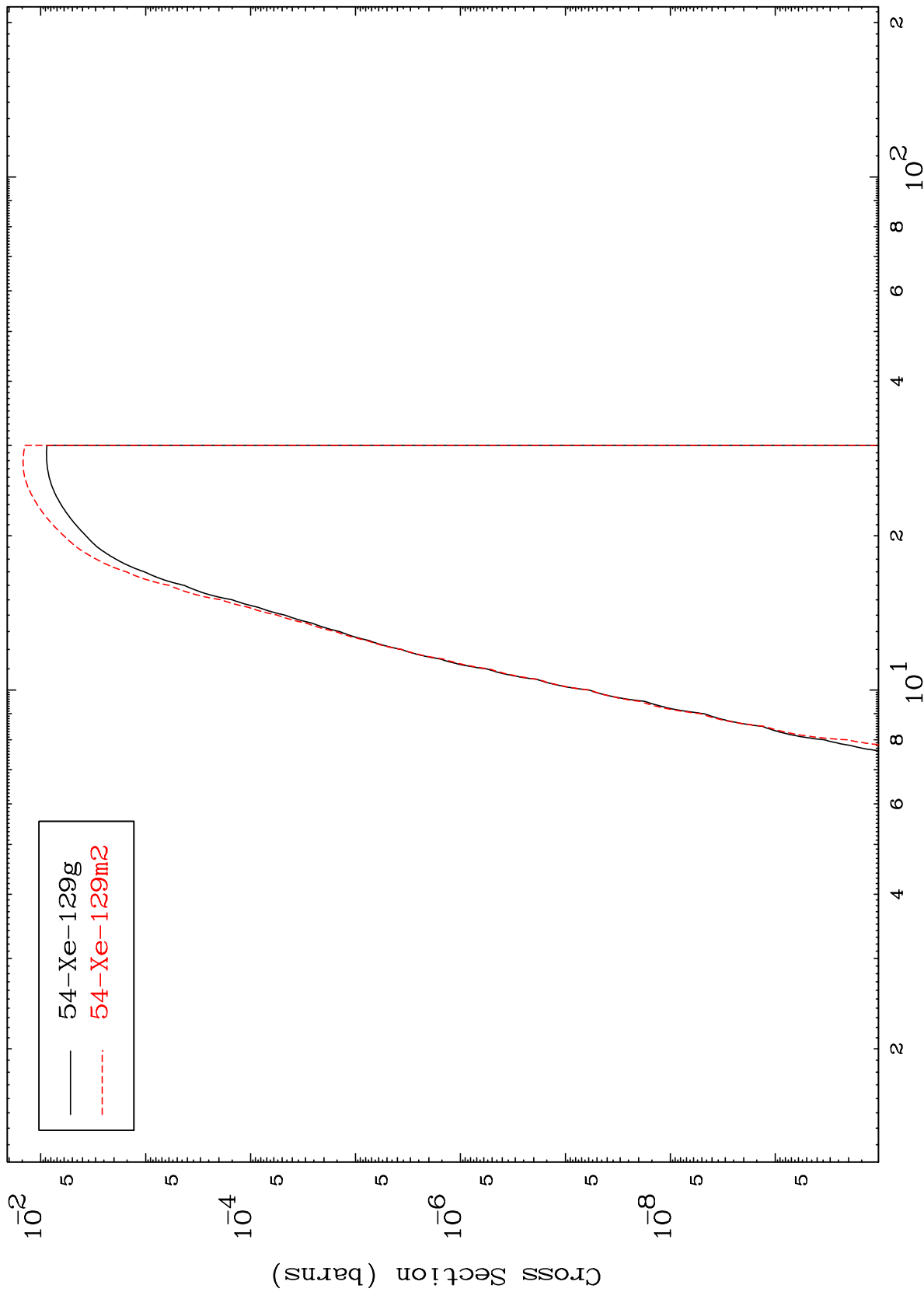
56-Ba-133

MAT 5634

(n,n') α

56-Ba-133

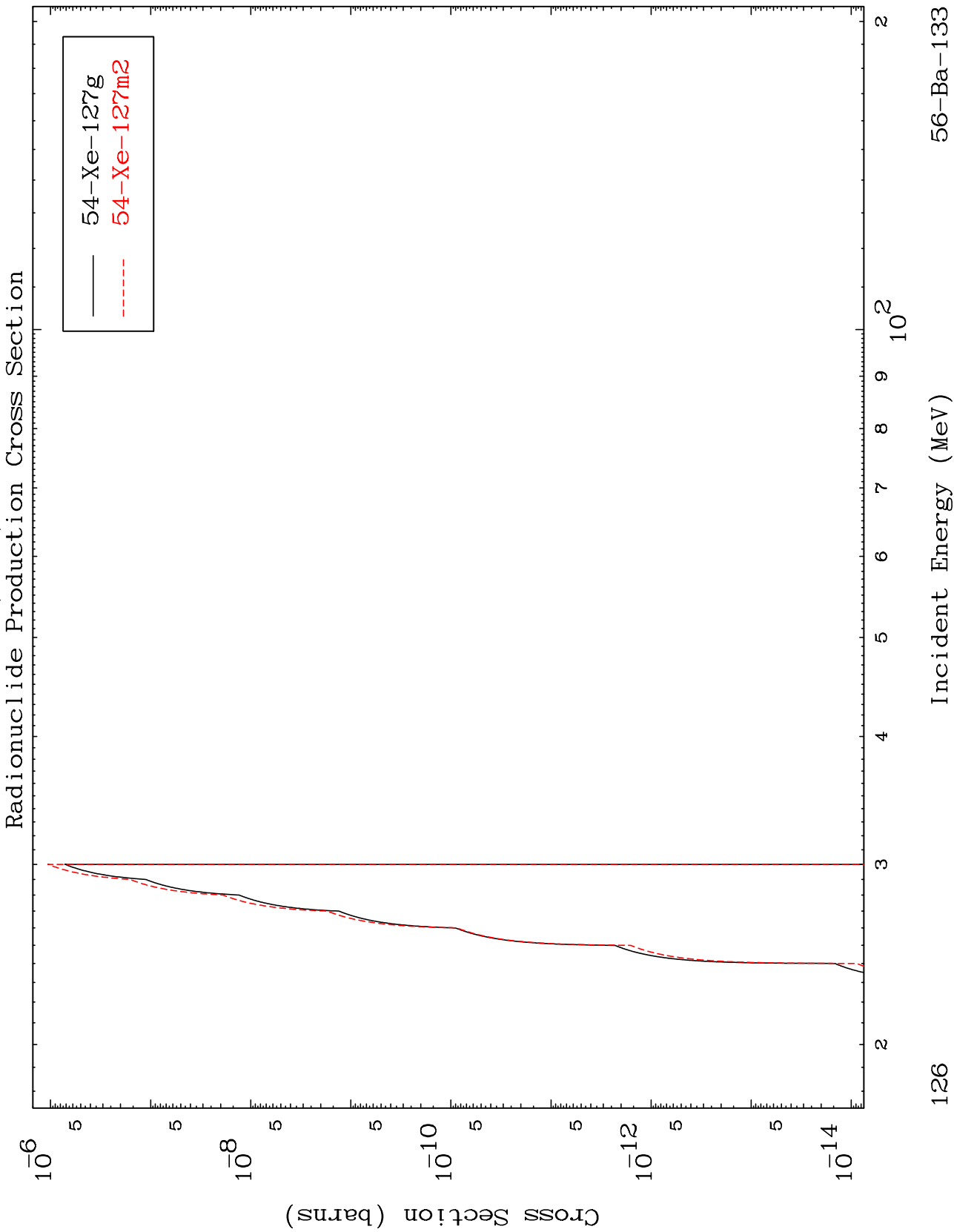
Radionuclide Production Cross Section



125

Incident Energy (MeV)

56-Ba-133

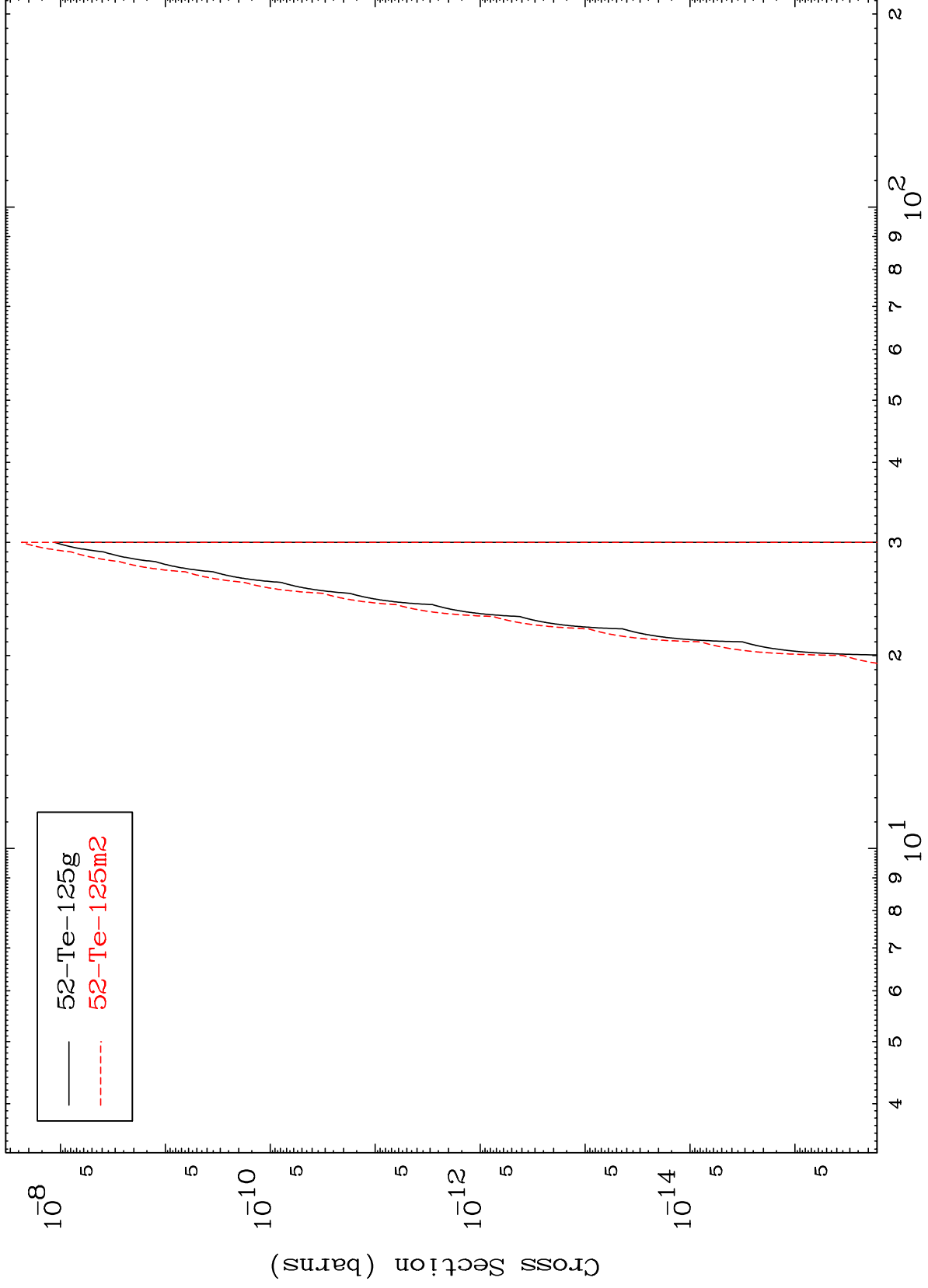


MAT 5634

(n,n') 2α

56-Ba-133

Radionuclide Production Cross Section



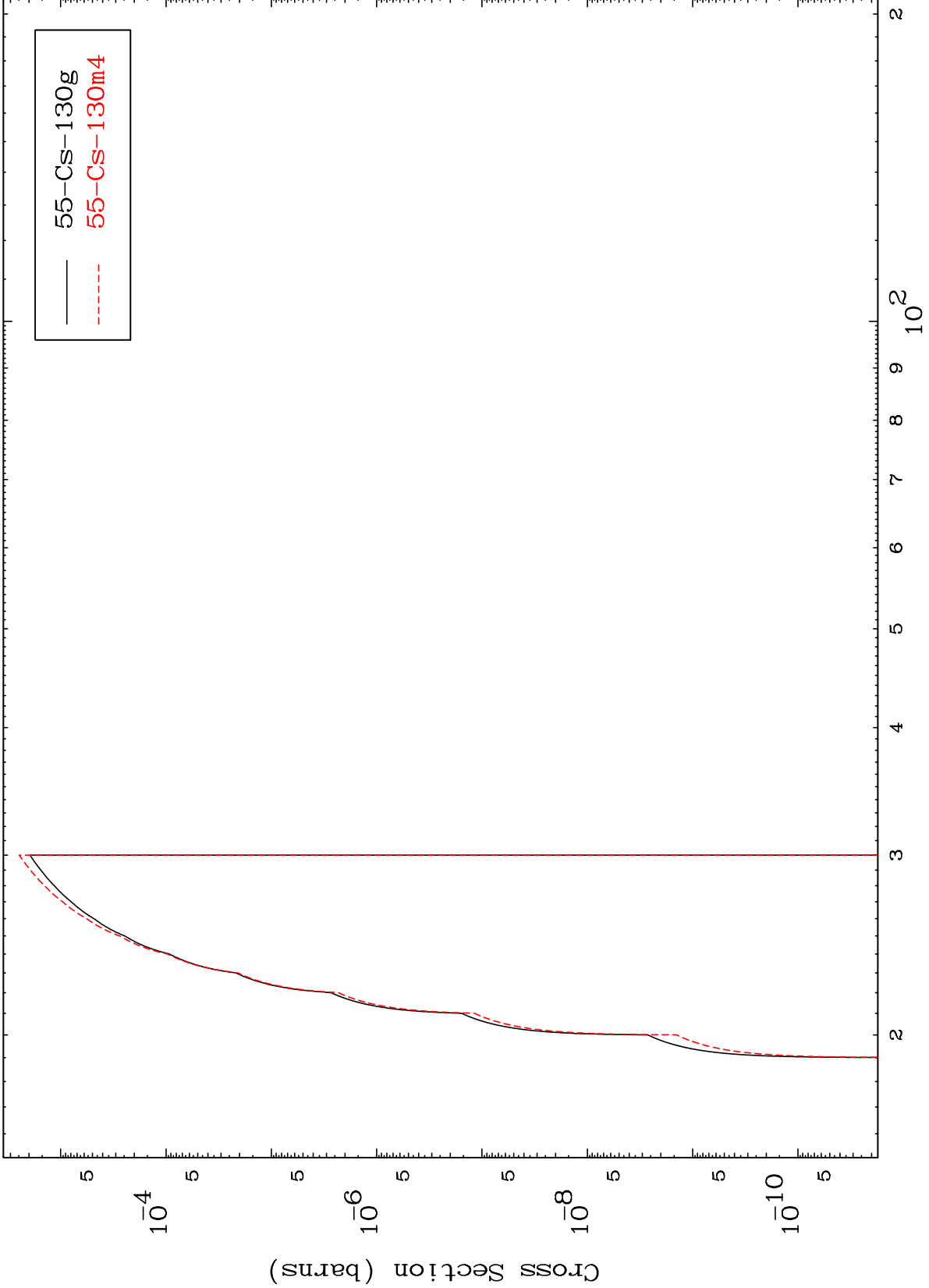
— 52-Te-125g
- - - 52-Te-125m2

127

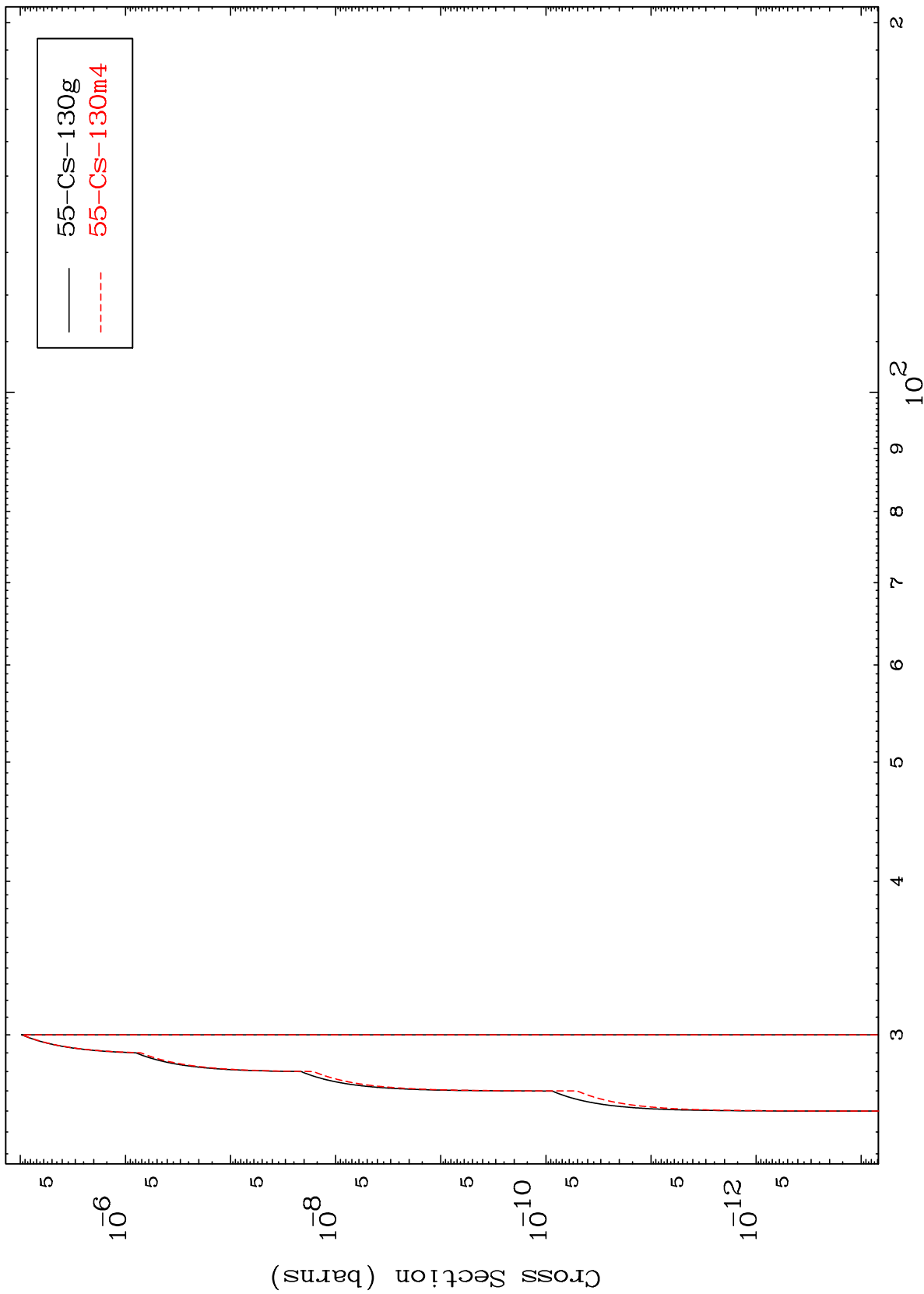
Incident Energy (MeV)

56-Ba-133

Radionuclide Production Cross Section



Radionuclide Production Cross Section

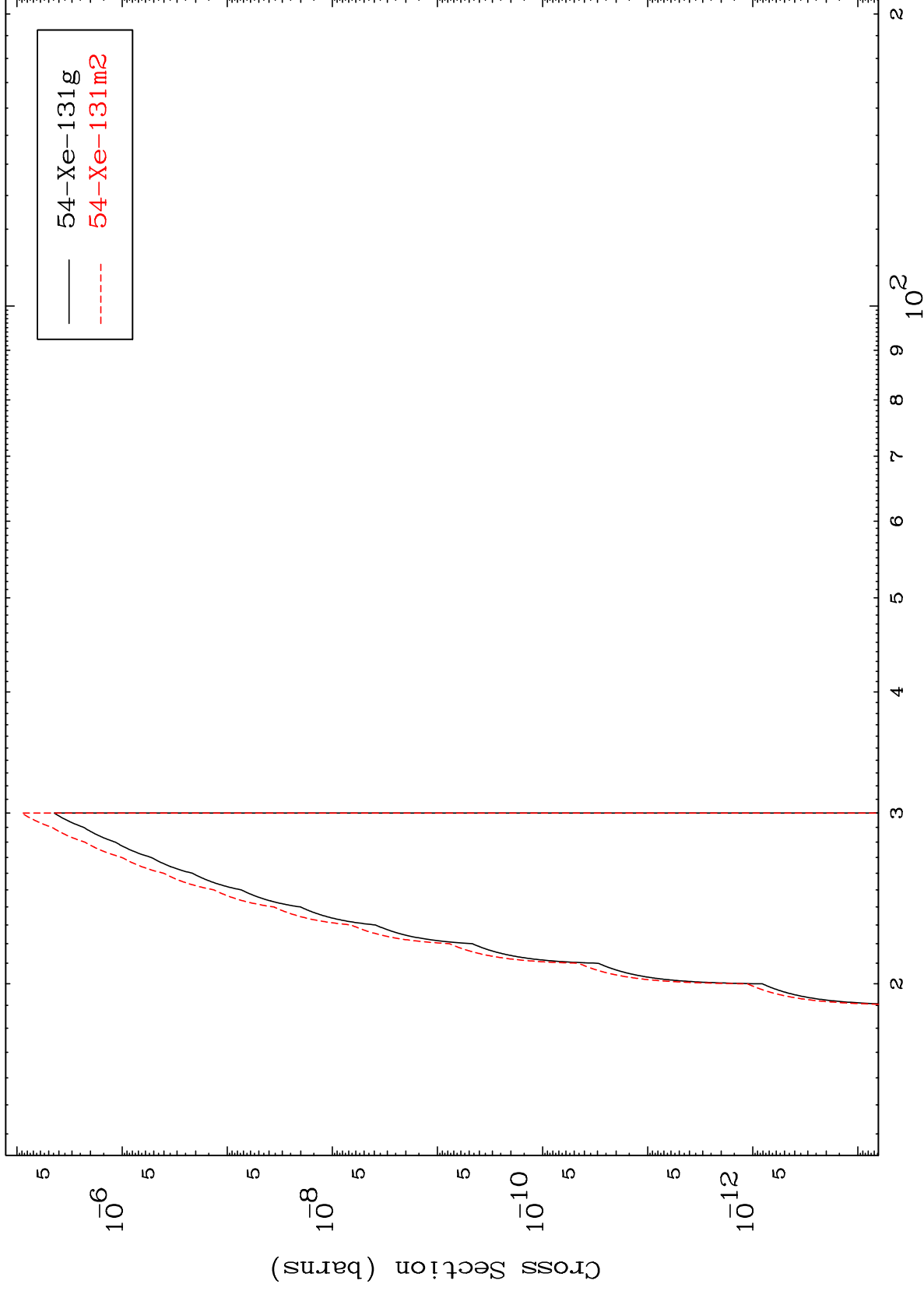


MAT 5634

(n,2n) p

56-Ba-133

Radionuclide Production Cross Section



130

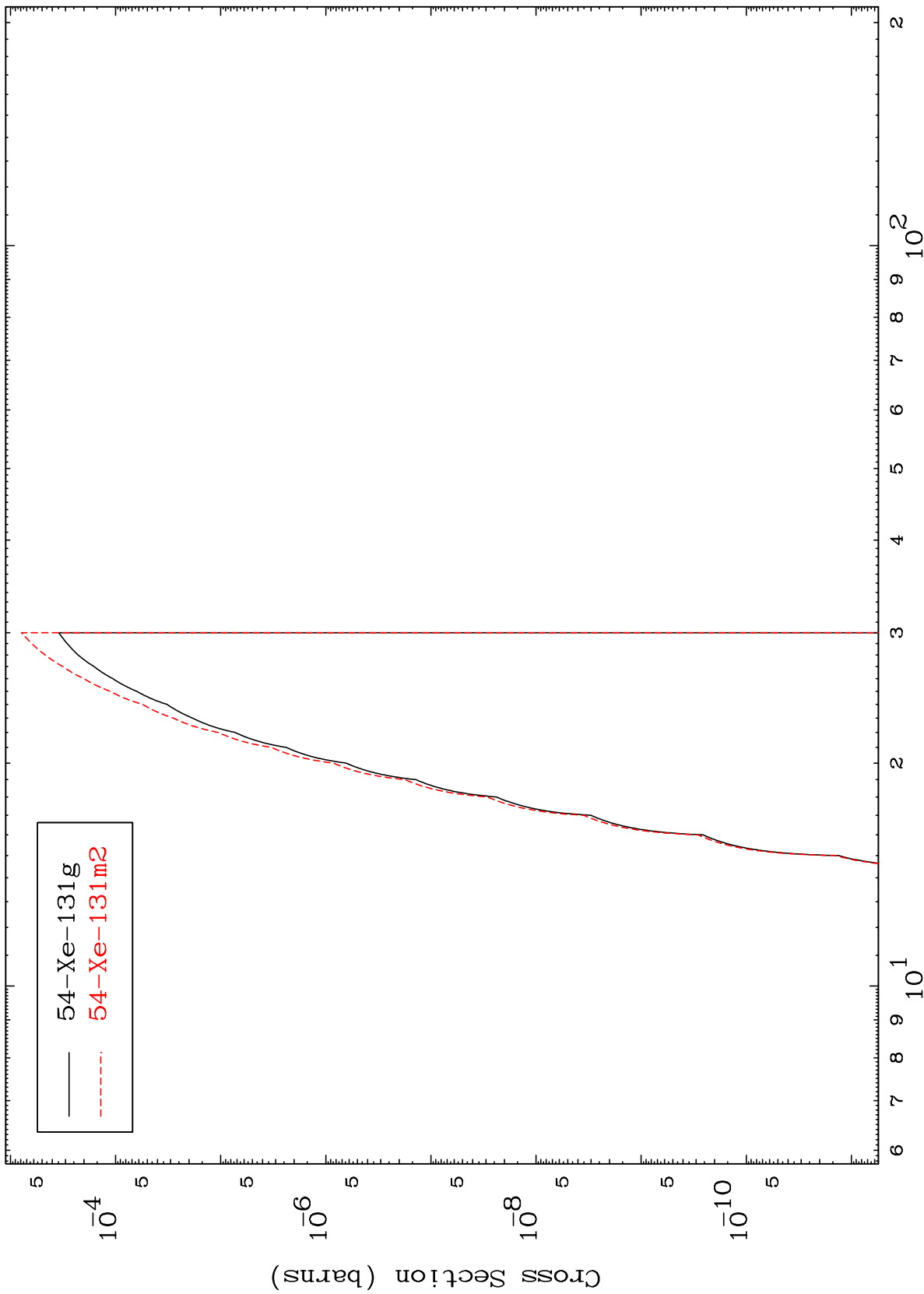
Incident Energy (MeV)

56-Ba-133

MAT 5634

56-Ba-133

Radionuclide Production Cross Section
(n,He-3)



131

Incident Energy (MeV)

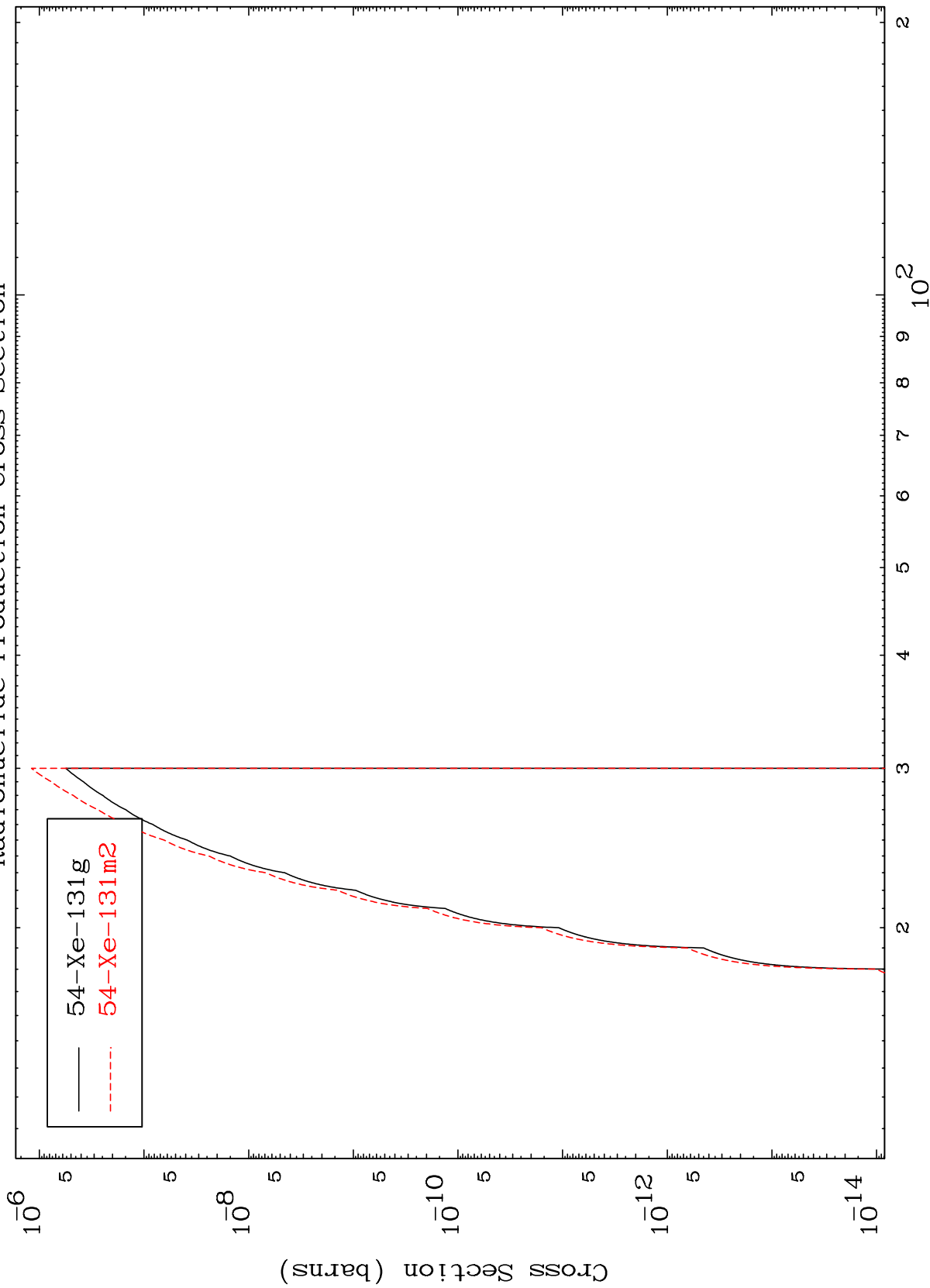
56-Ba-133

MAT 5634

(n,p) d

56-Ba-133

Radionuclide Production Cross Section



132

Incident Energy (MeV)

56-Ba-133