

Program EVALPLOT
(Version 2015-2)

by

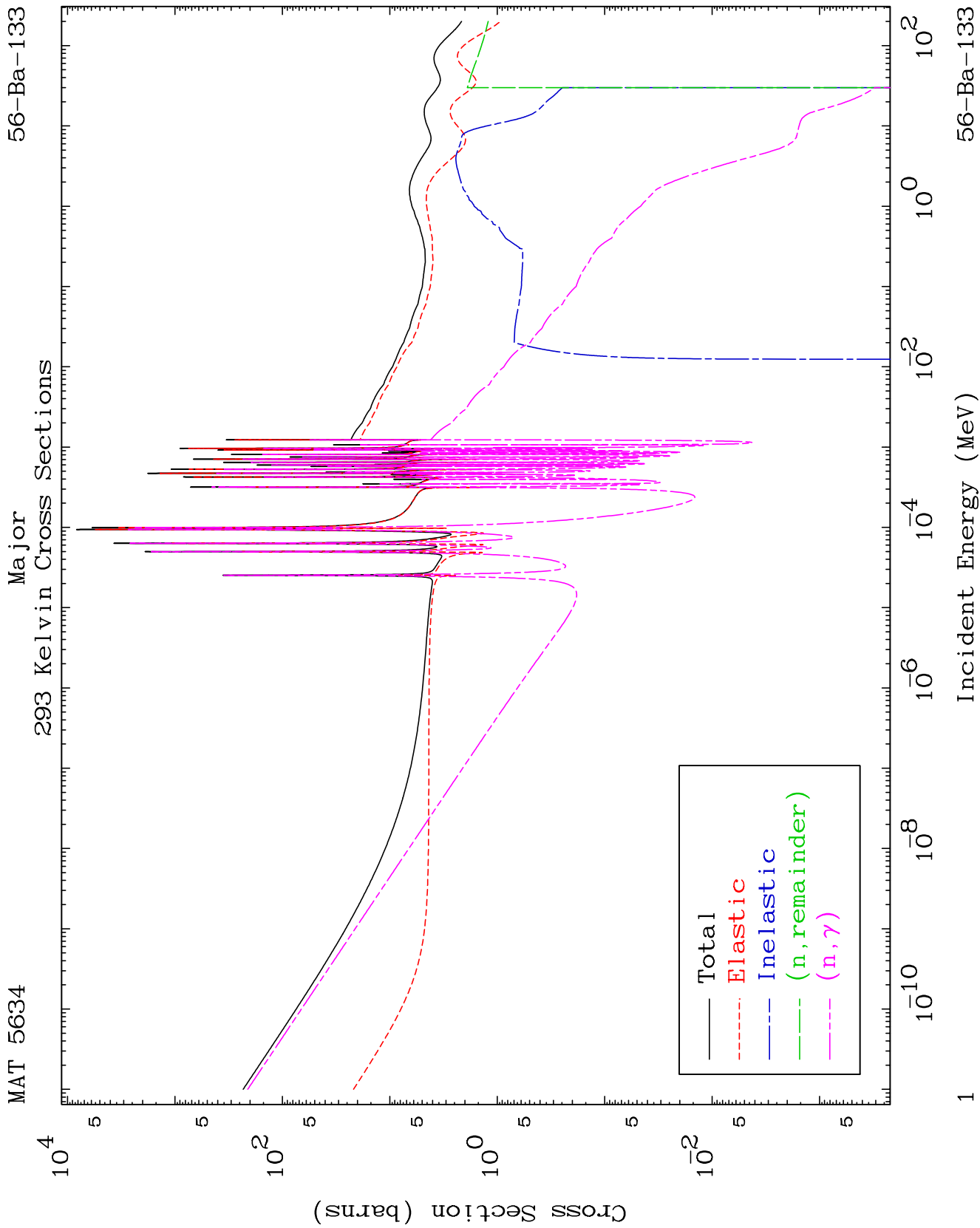
Dermott E. Cullen
(Present Contact Information)

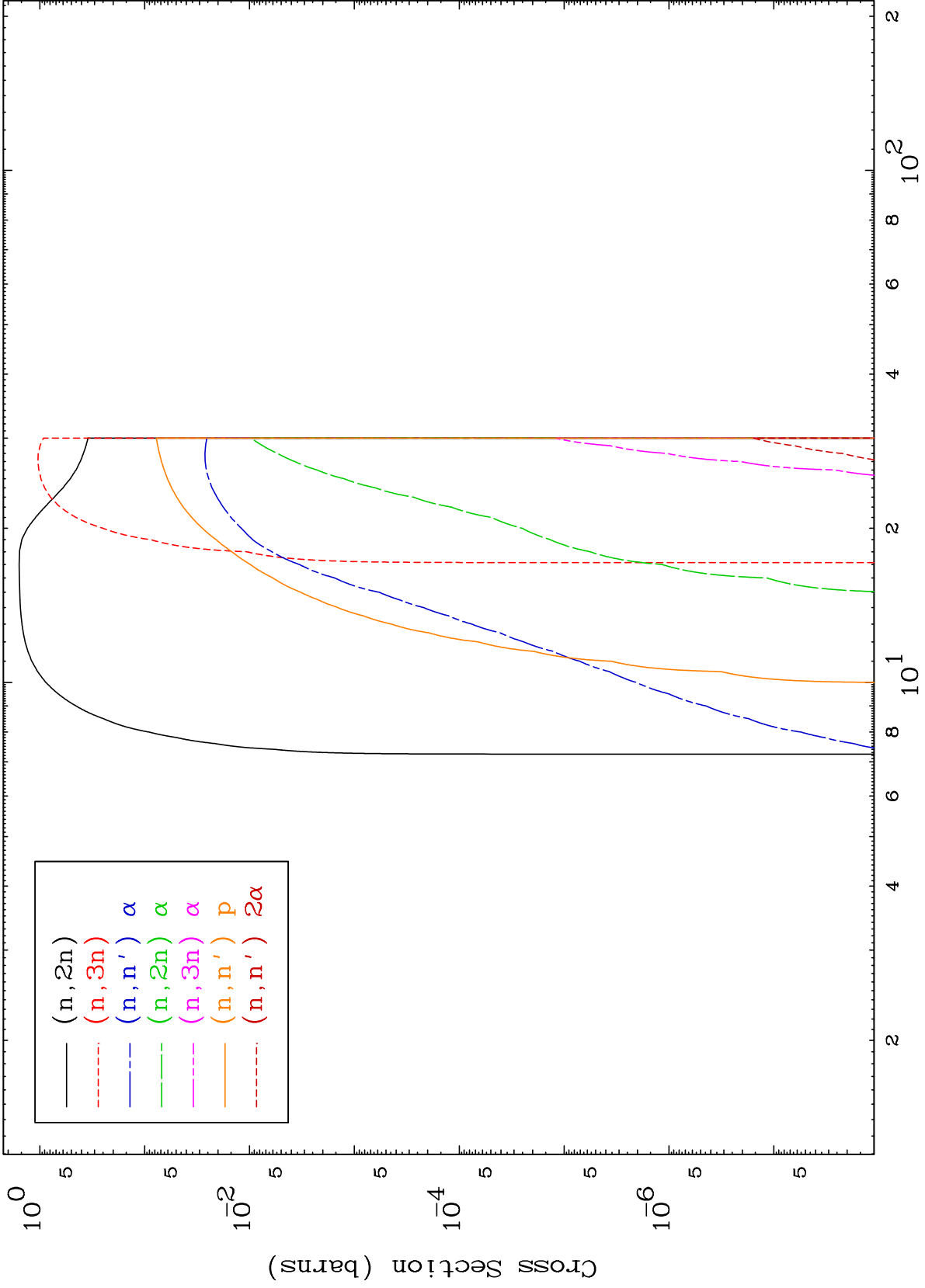
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

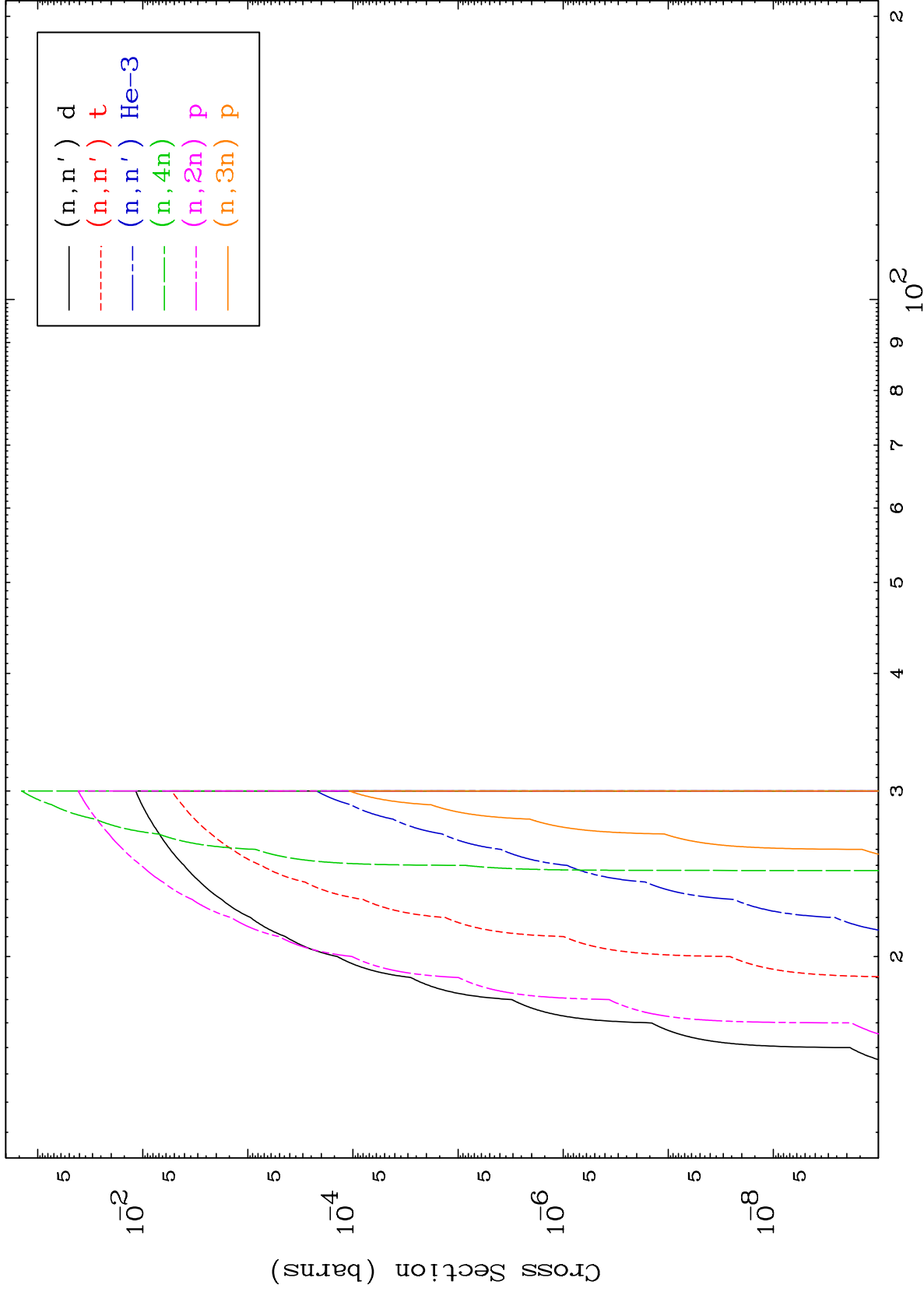
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start



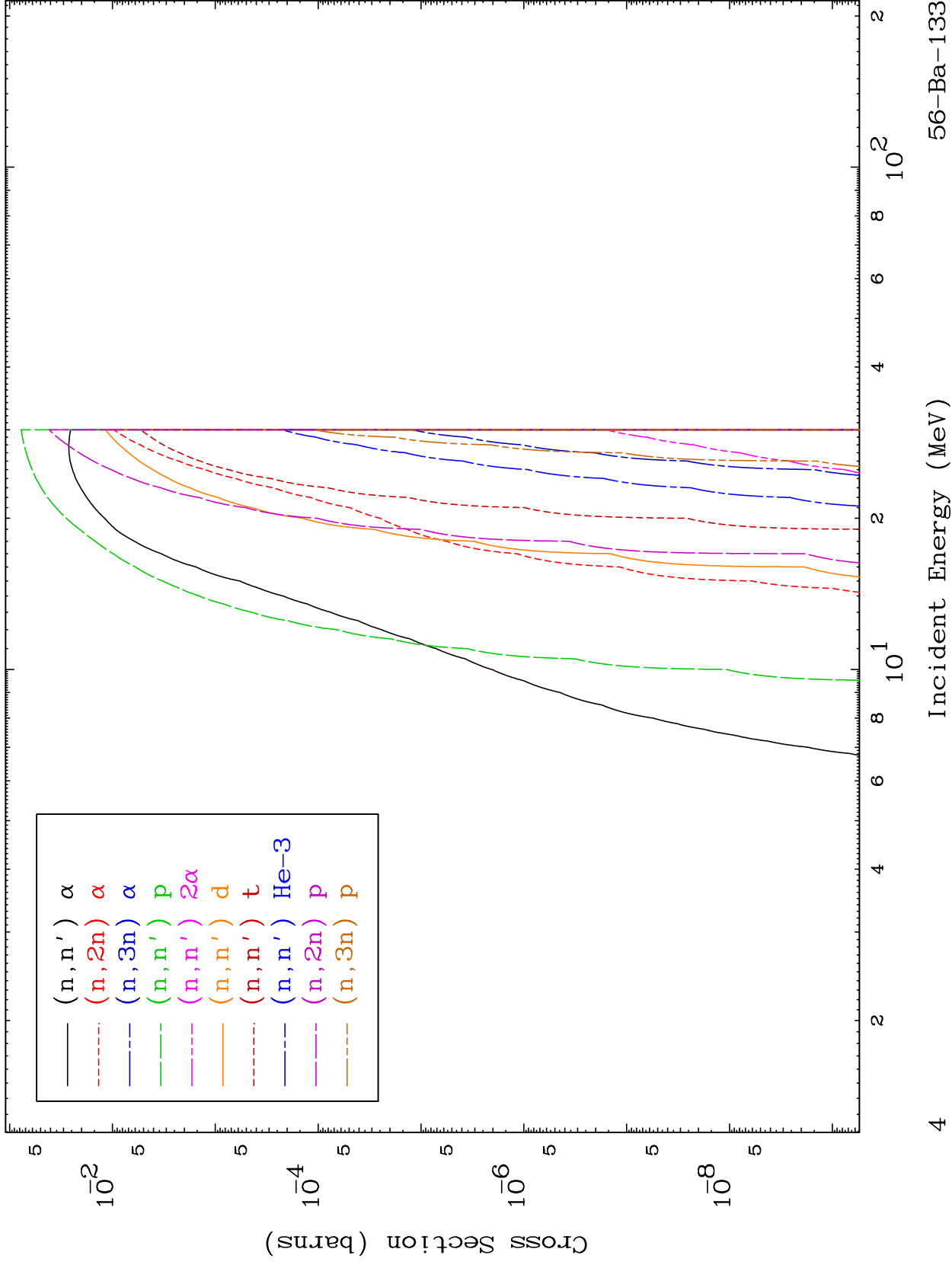




MAT 5634

Charged Particle
293 Kelvin Cross Sections

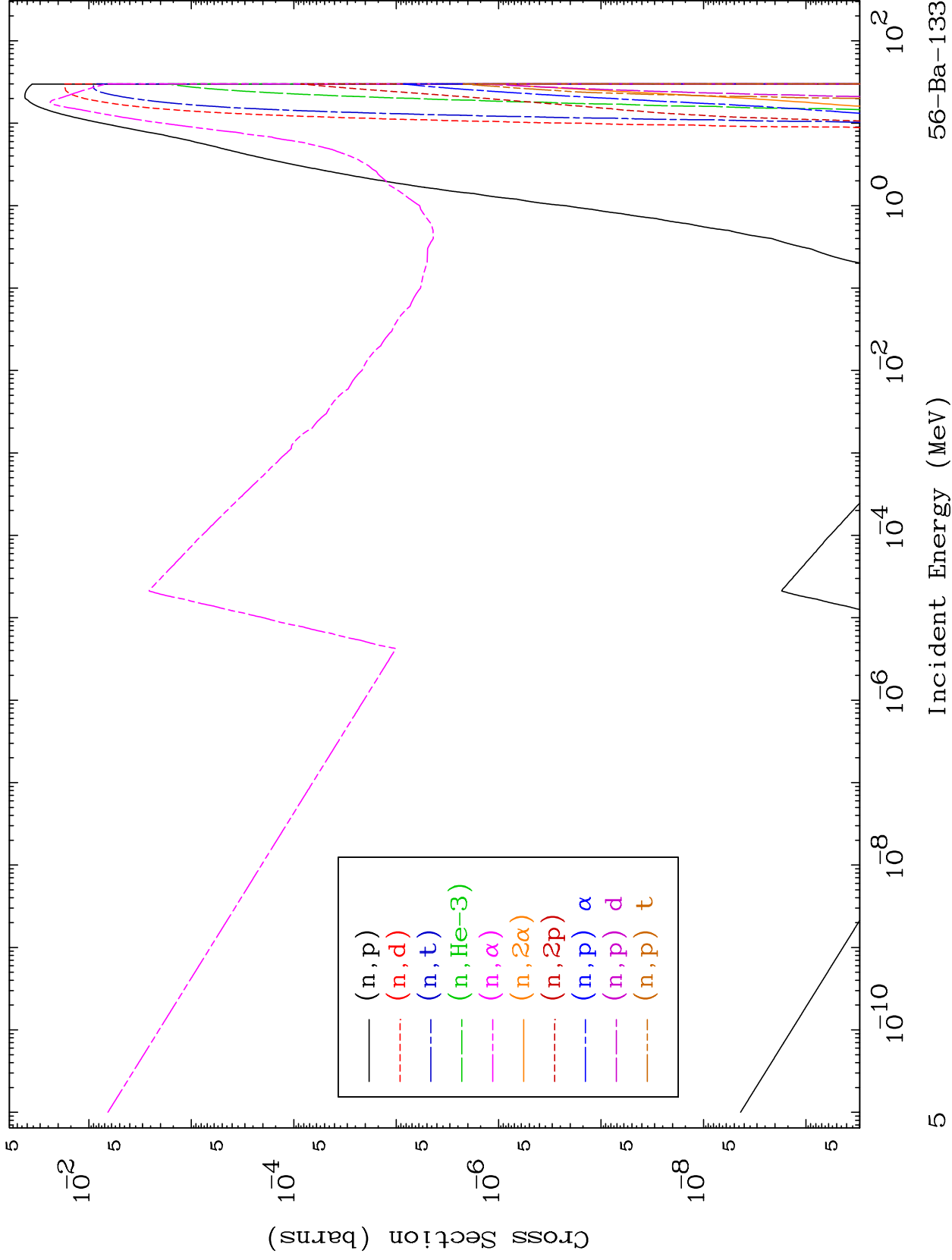
56-Ba-133



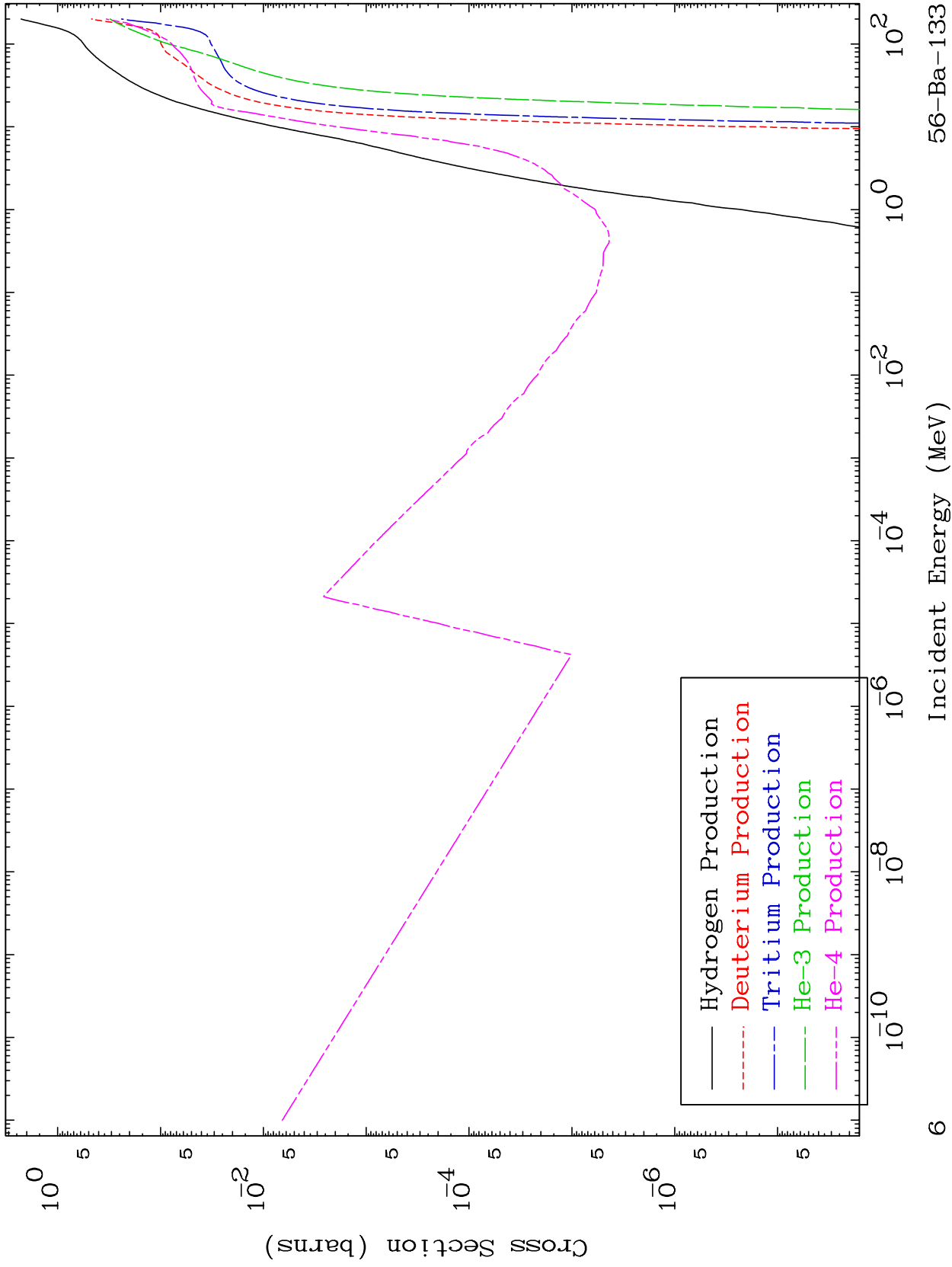
MAT 5634

Charged Particle
293 Kelvin Cross Sections

56-Ba-133



5

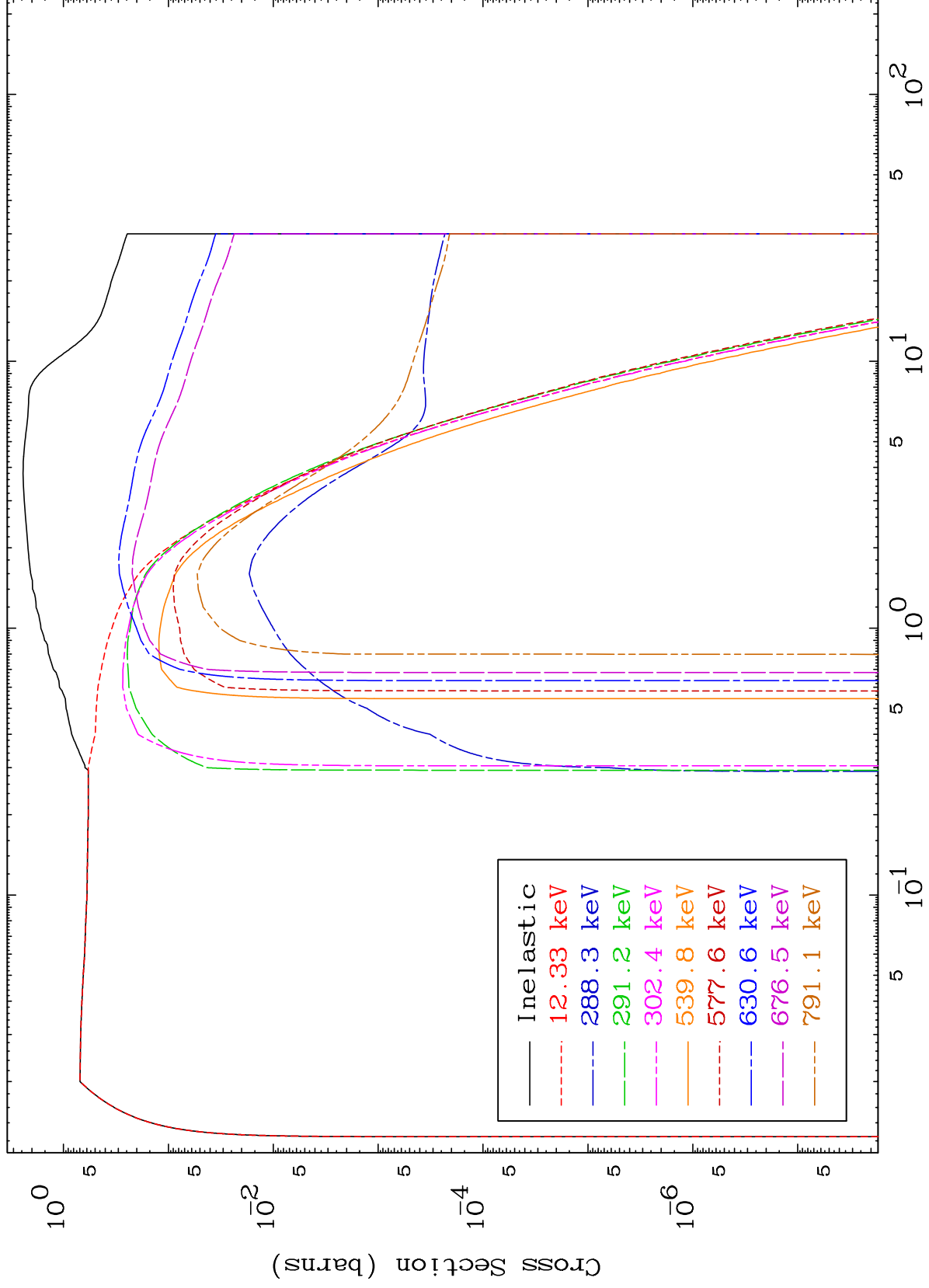


MAT 5634

(n,n') Level

56-Ba-133

293 Kelvin Cross Sections

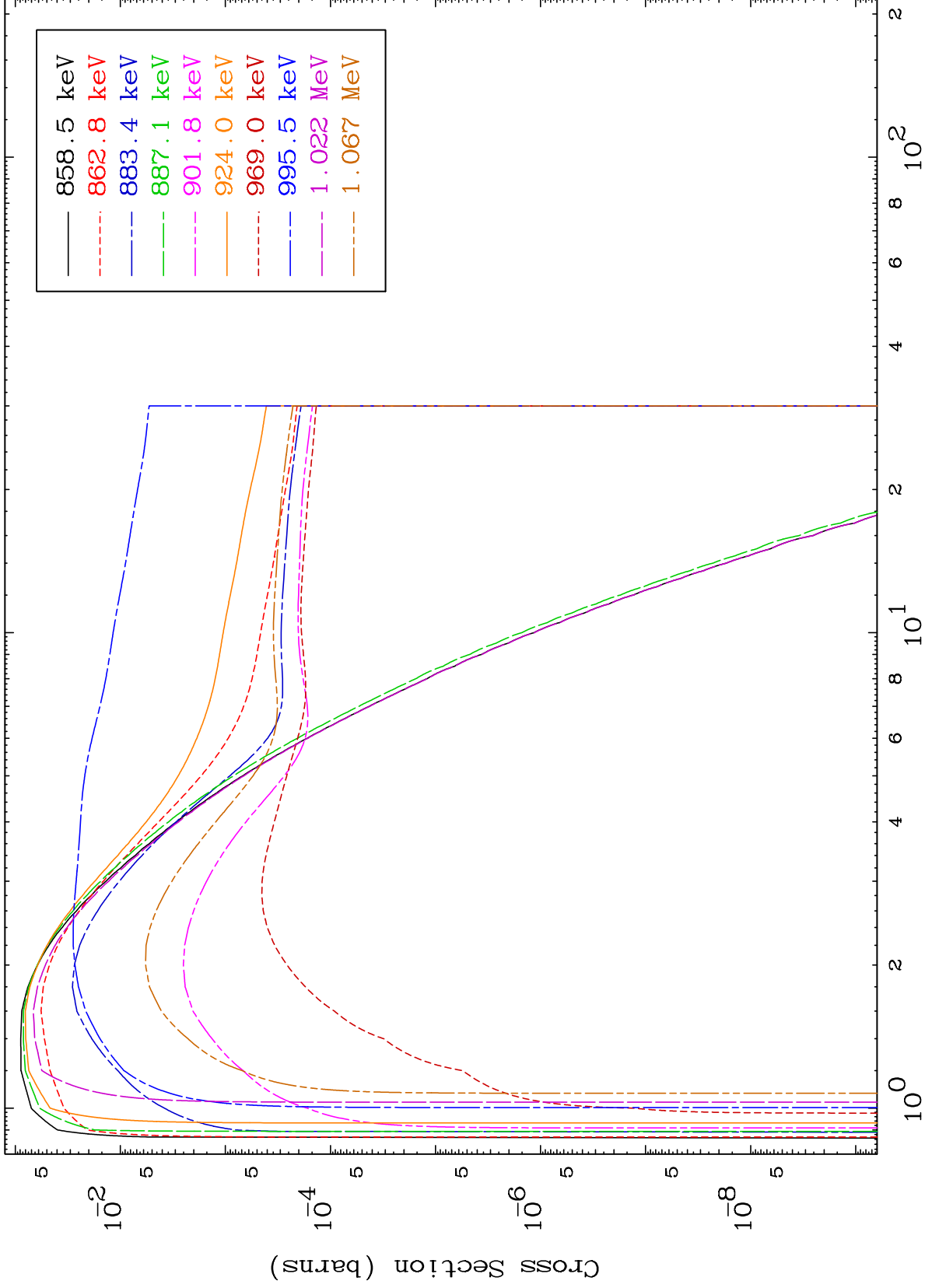


MAT 5634

(n,n') Level

56-Ba-133

293 Kelvin Cross Sections



Incident Energy (MeV)

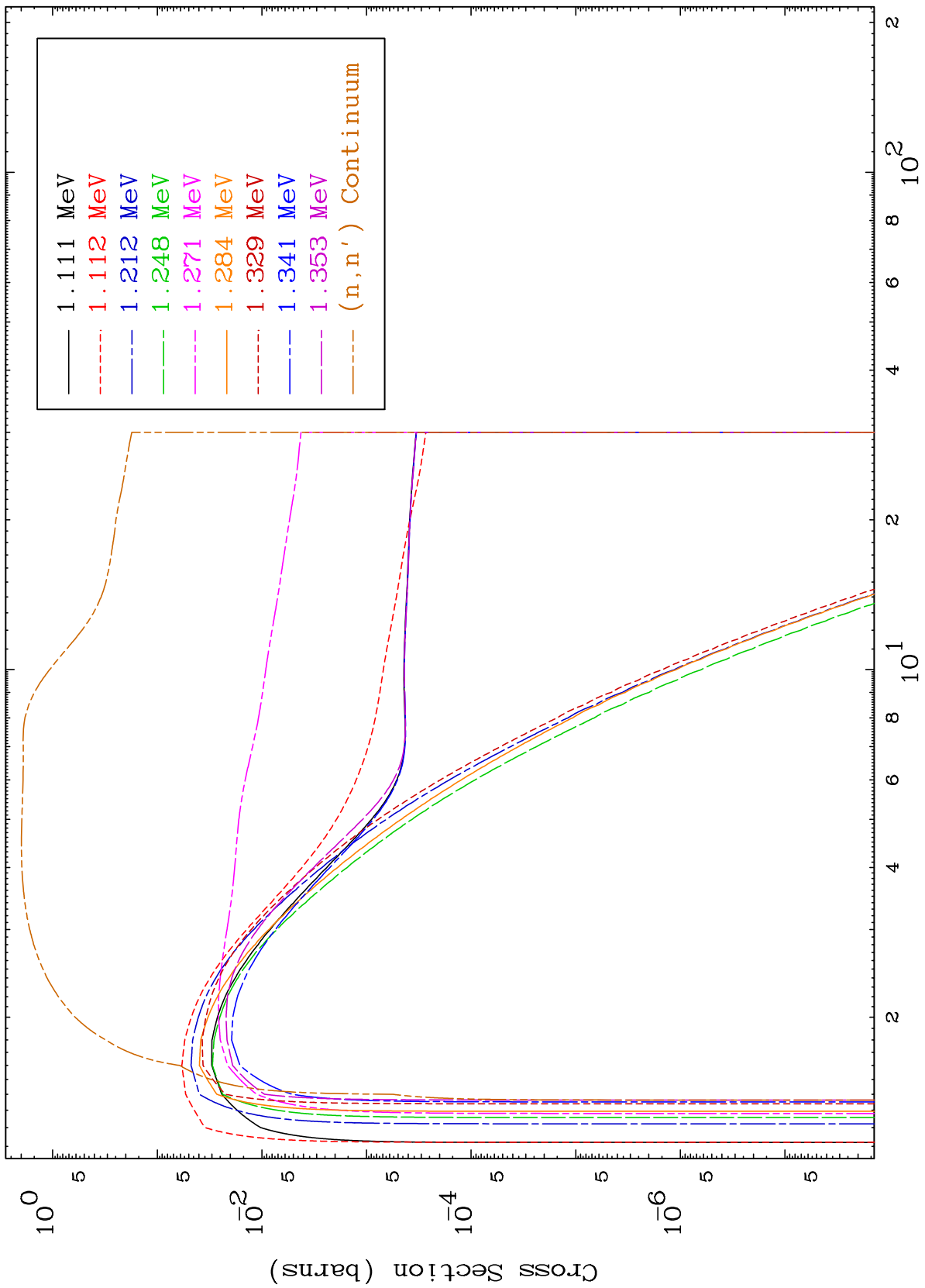
56-Ba-133

MAT 5634

(n,n') Level

56-Ba-133

293 Kelvin Cross Sections



9

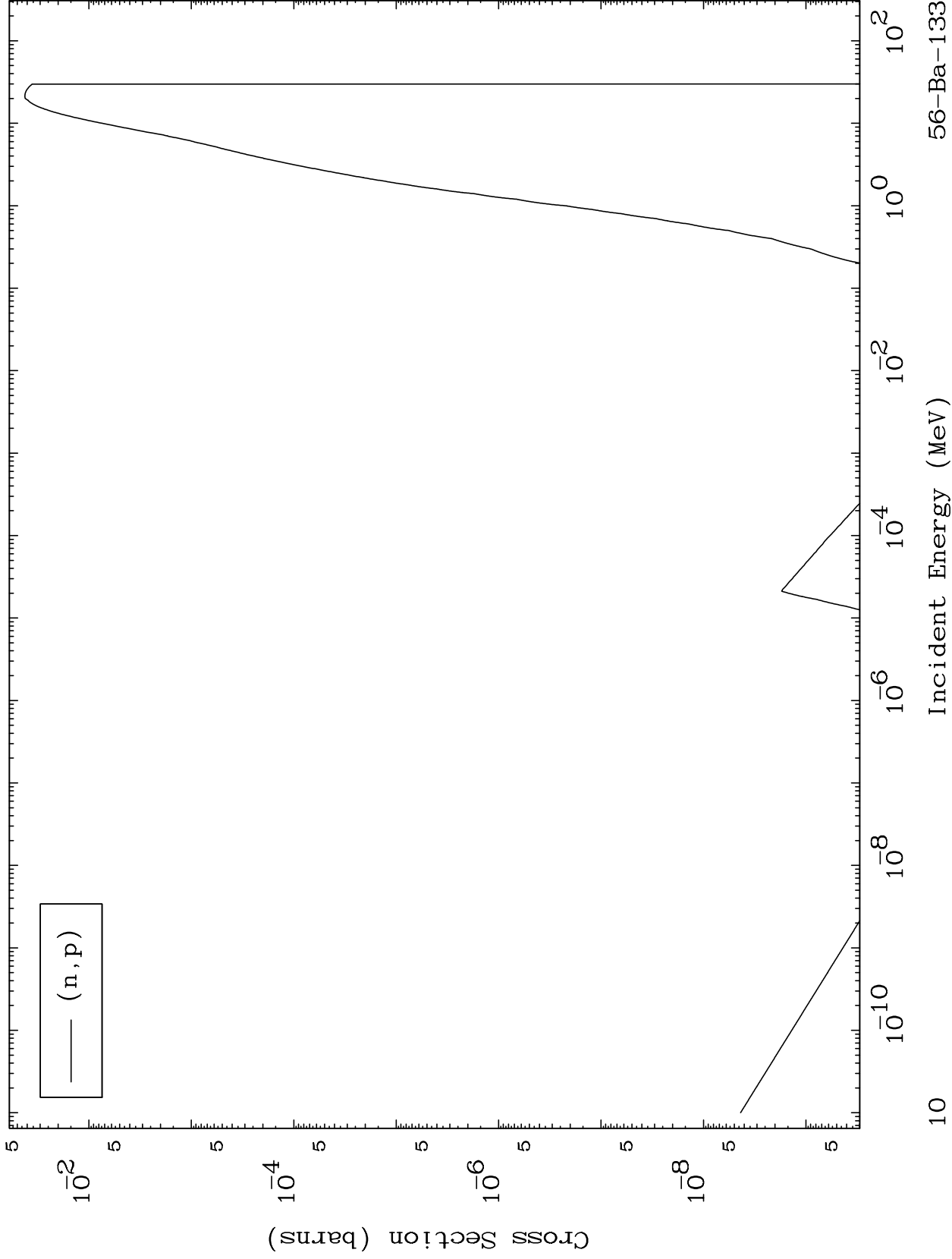
Incident Energy (MeV)

56-Ba-133

MAT 5634

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-133



10

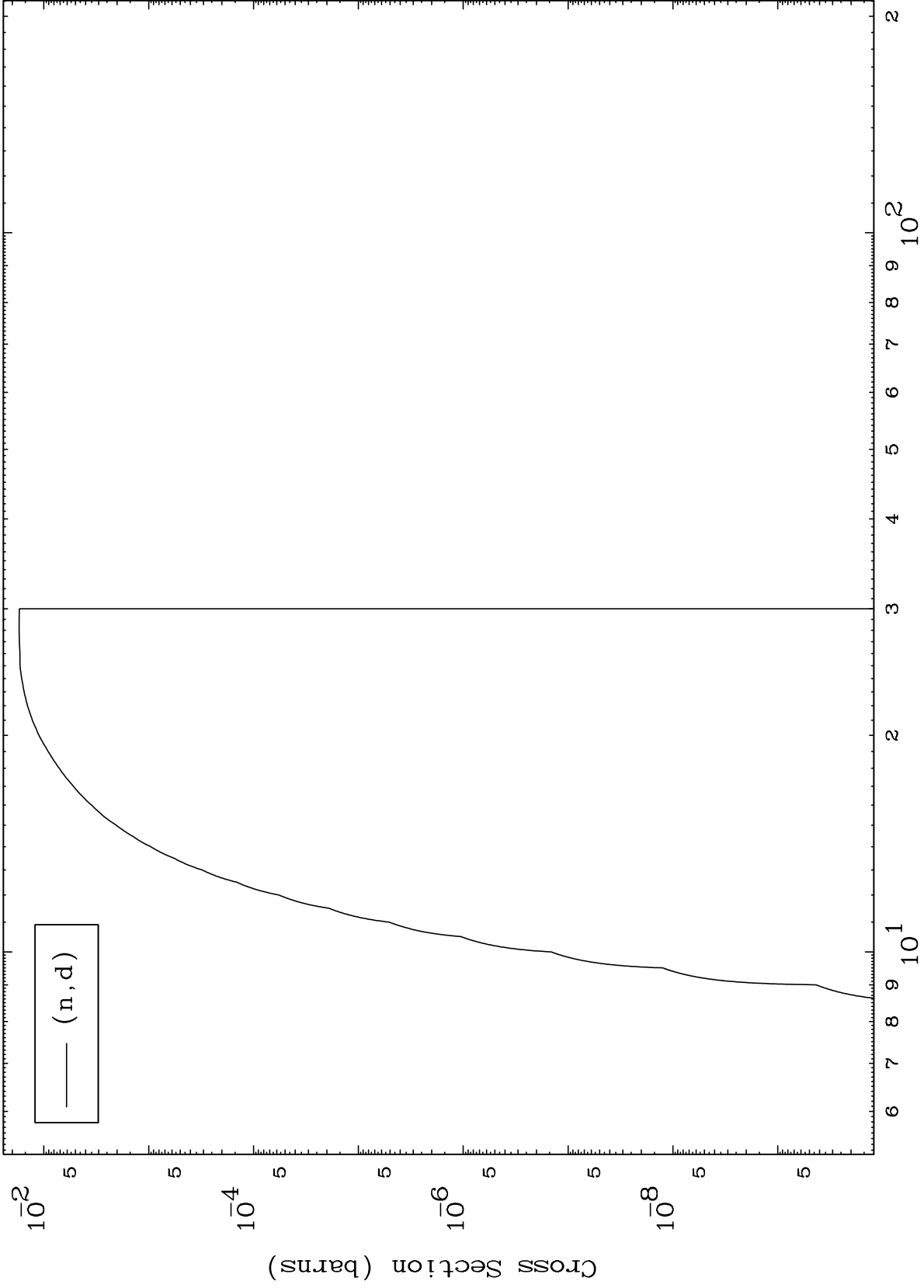
Incident Energy (MeV)

56-Ba-133

MAT 5634

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-133



11

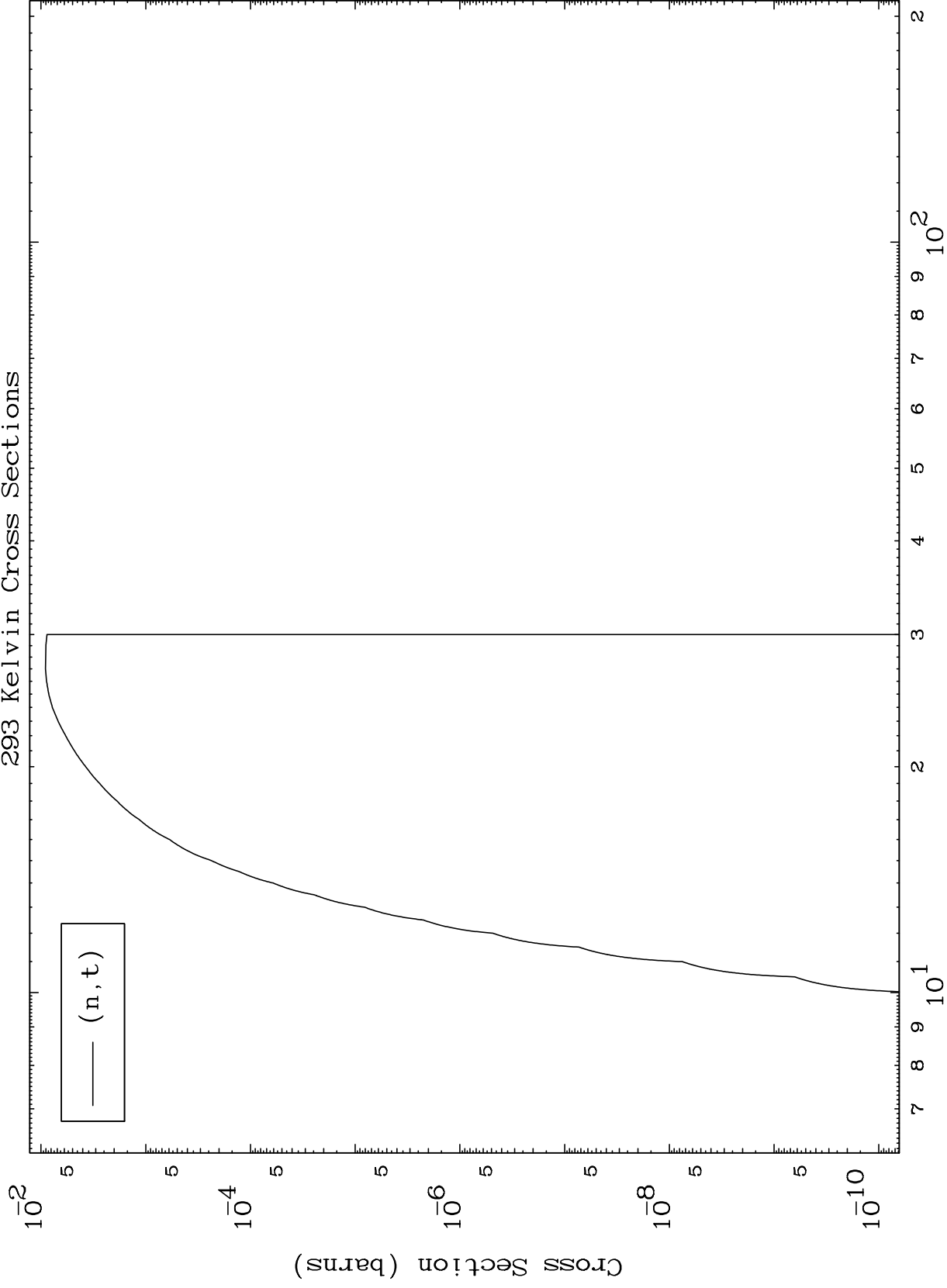
Incident Energy (MeV)

56-Ba-133

MAT 5634

(n, t) Levels
293 Kelvin Cross Sections

56-Ba-133



12

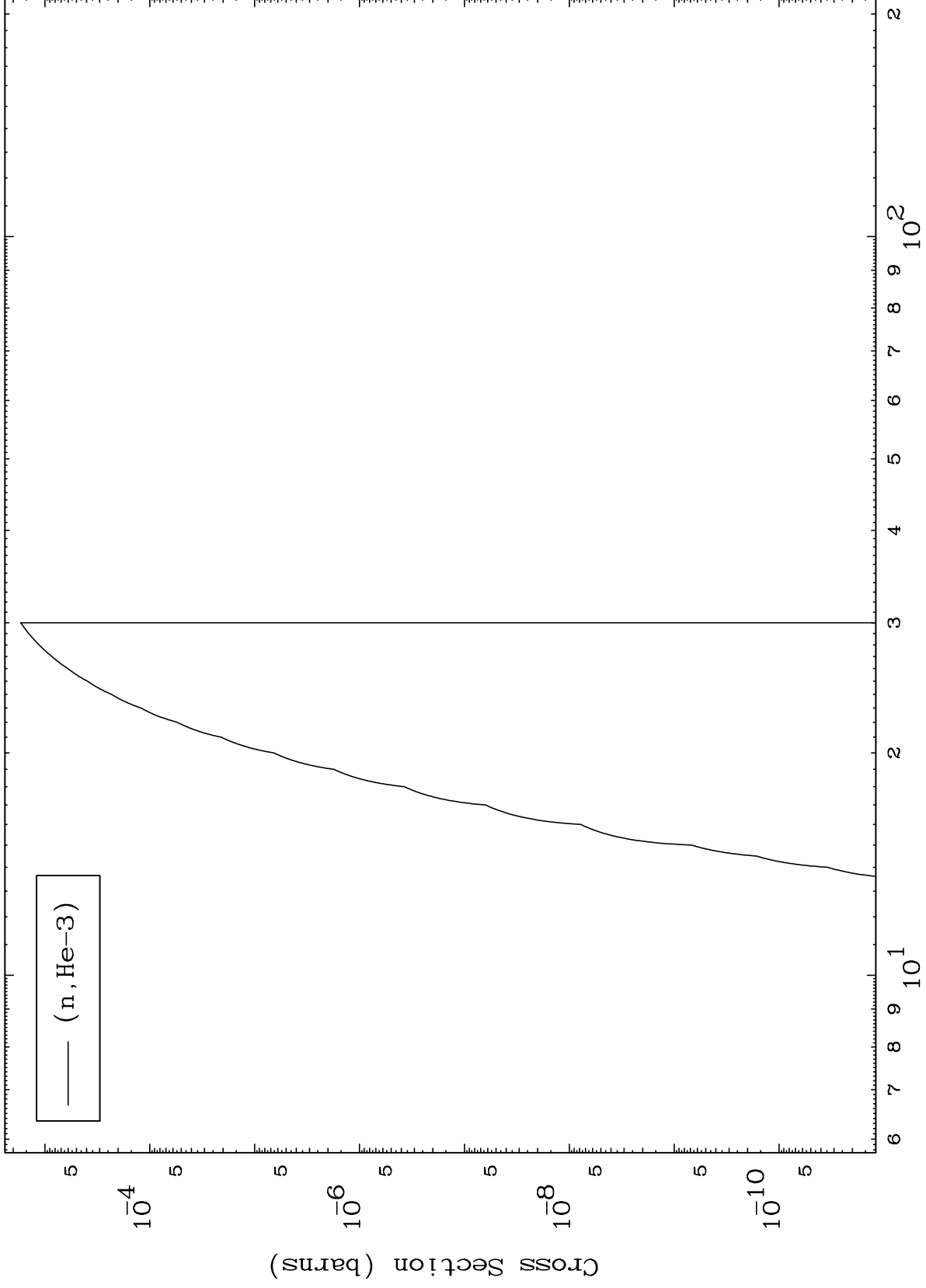
Incident Energy (MeV)

56-Ba-133

MAT 5634

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-133



13

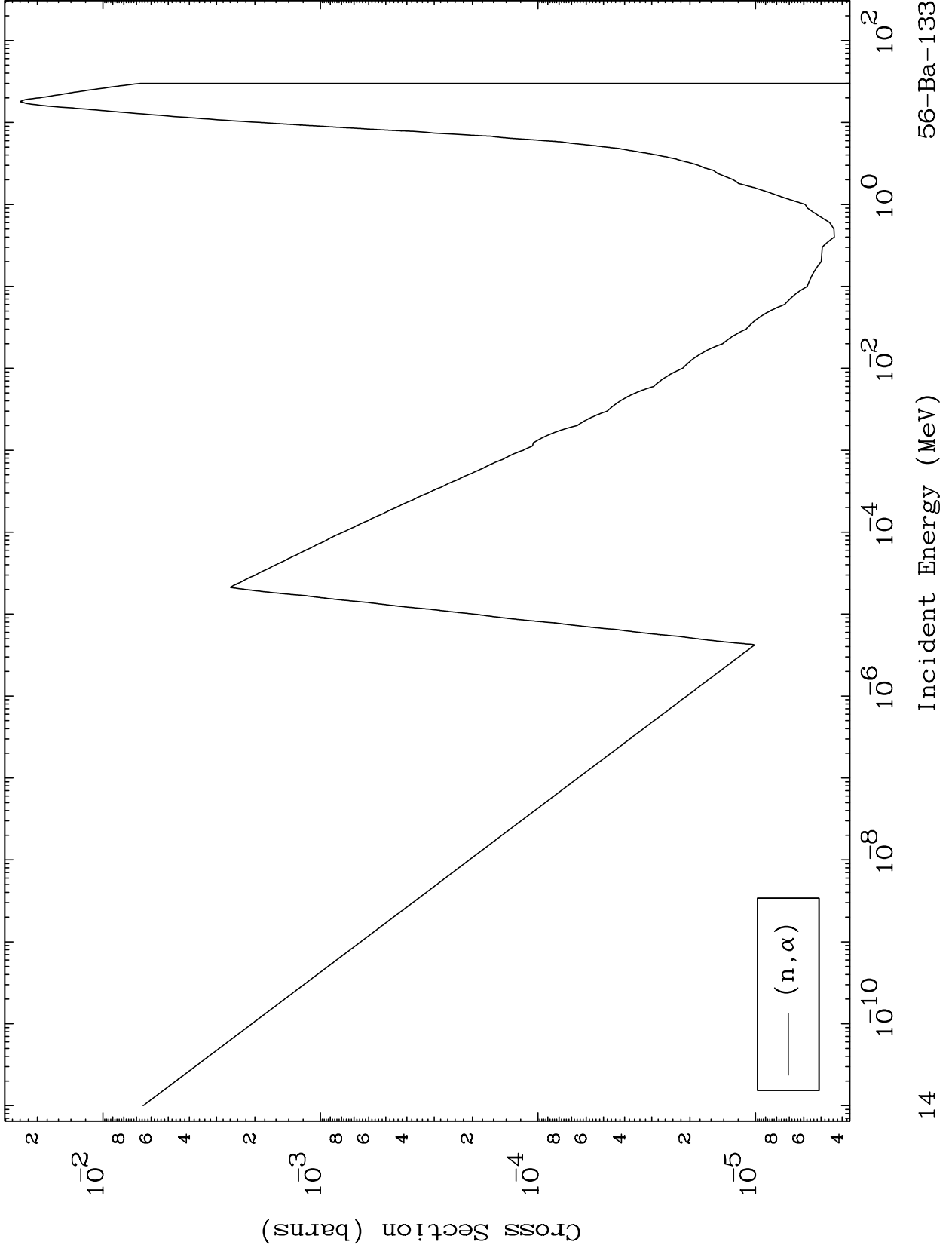
Incident Energy (MeV)

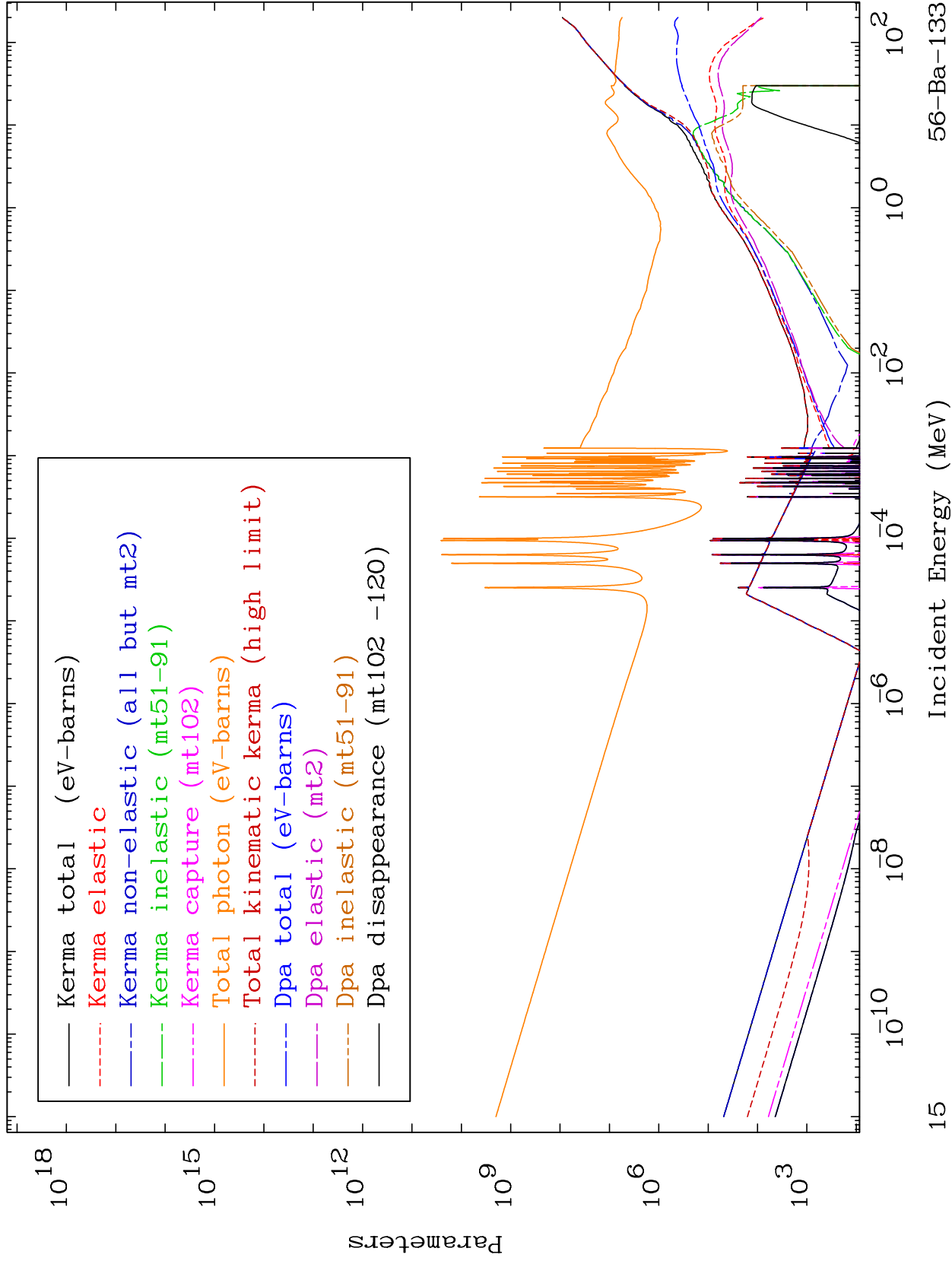
56-Ba-133

MAT 5634

(n, α) Levels
293 Kelvin Cross Sections

56-Ba-133

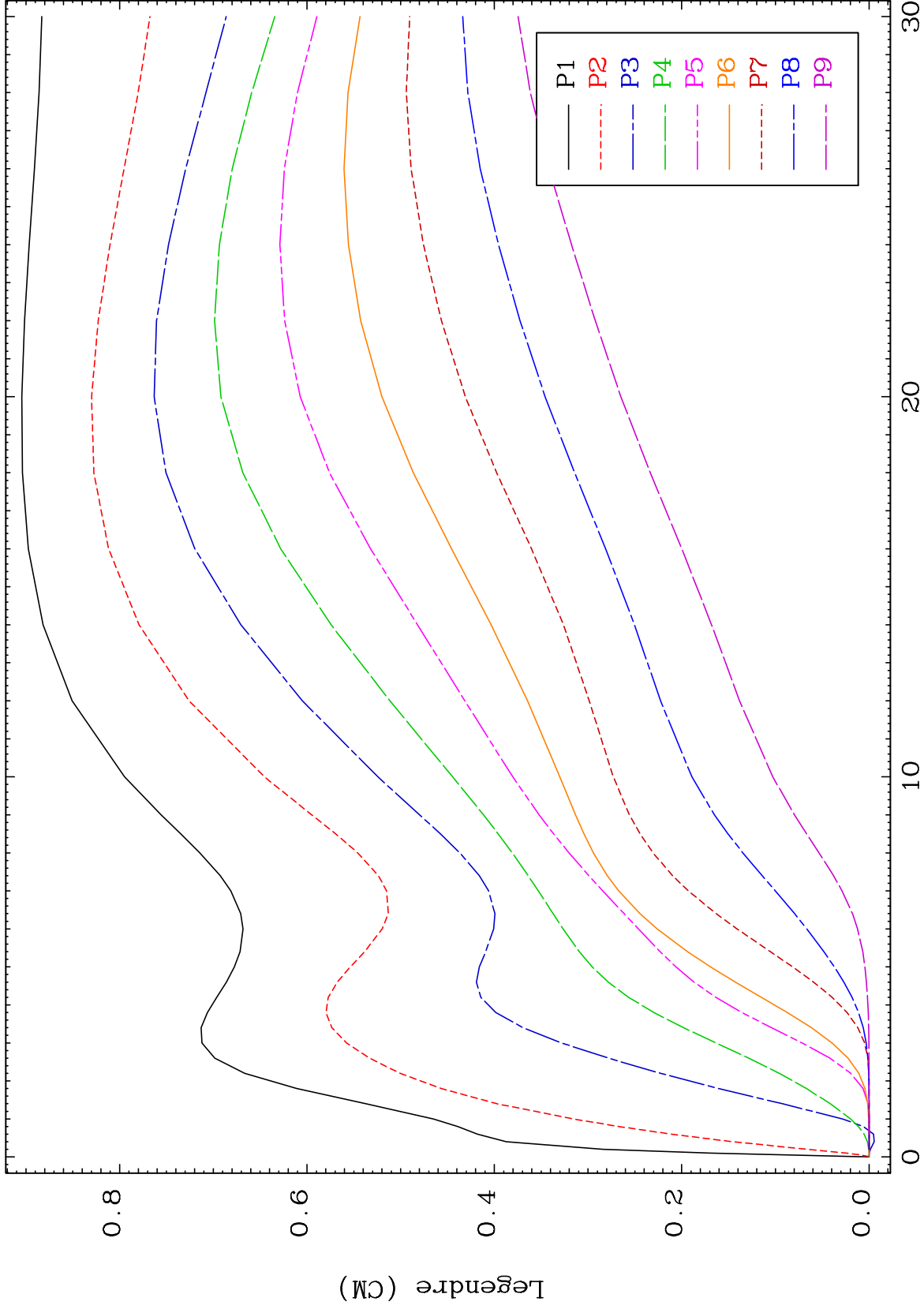




MAT 5634

Elastic Legendre Coefficients

56-Ba-133



16

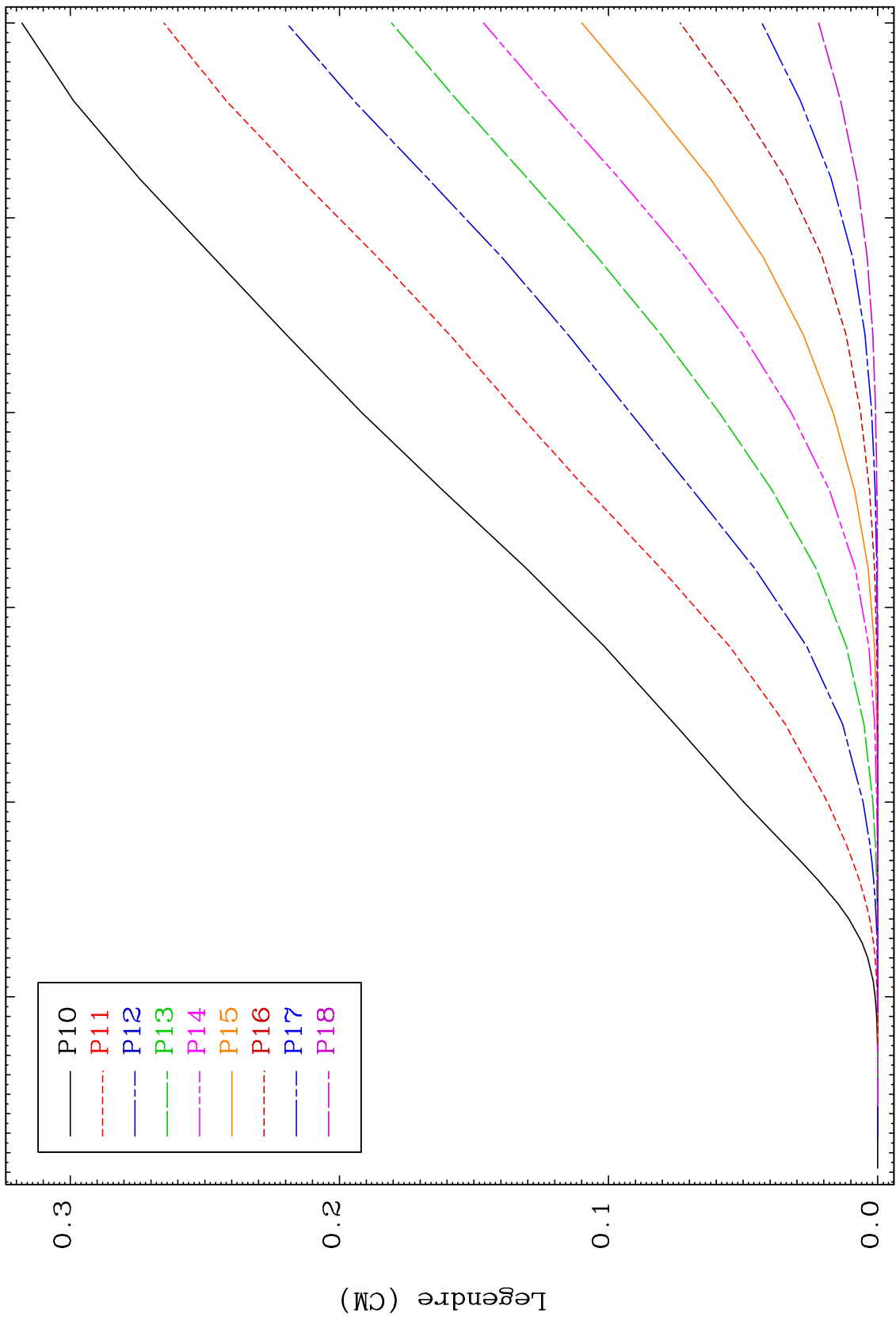
Incident Energy (MeV)

56-Ba-133

MAT 5634

Elastic Legendre Coefficients

56-Ba-133



17

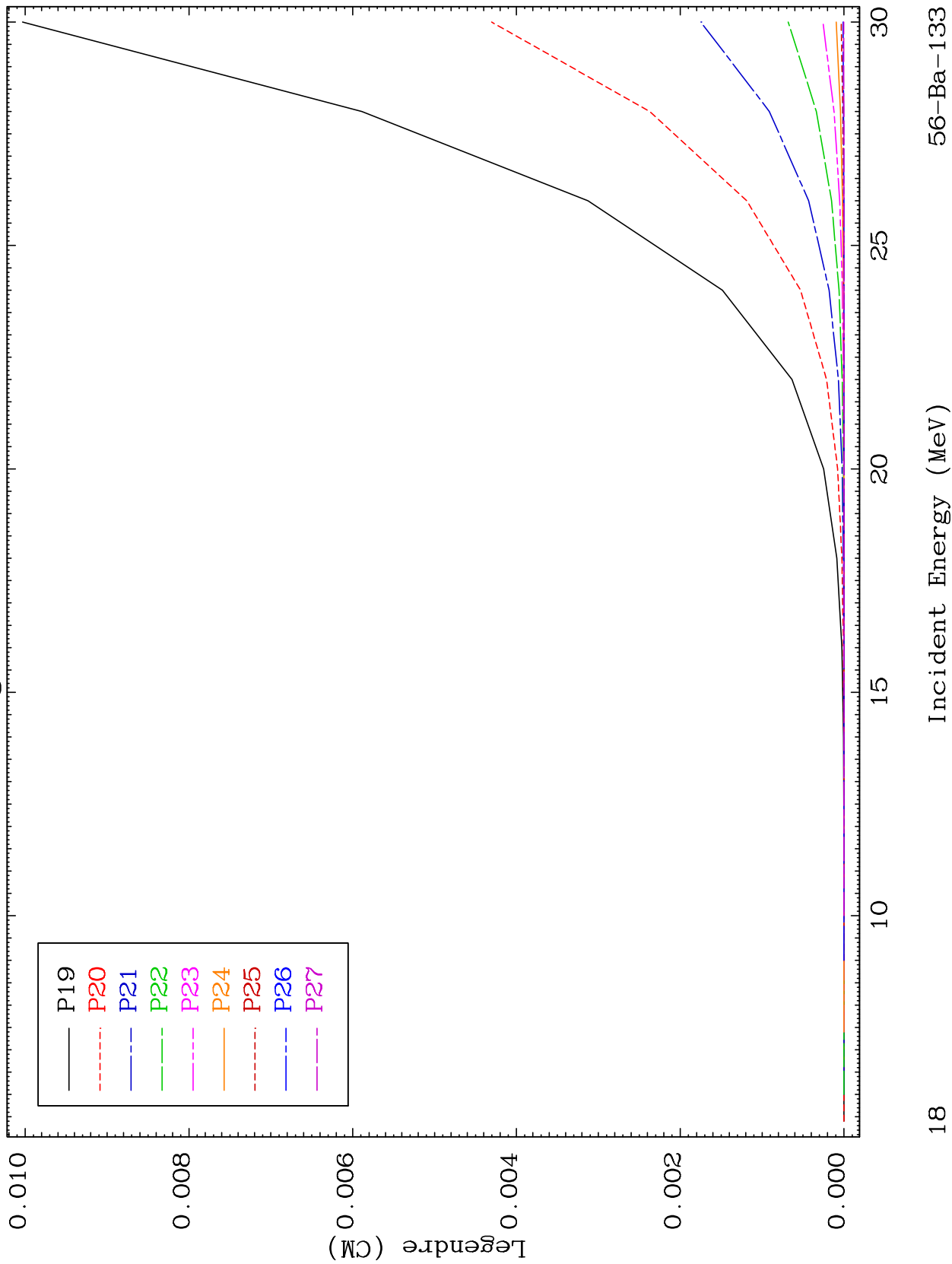
Incident Energy (MeV)

56-Ba-133

MAT 5634

Elastic Legendre Coefficients

56-Ba-133



18

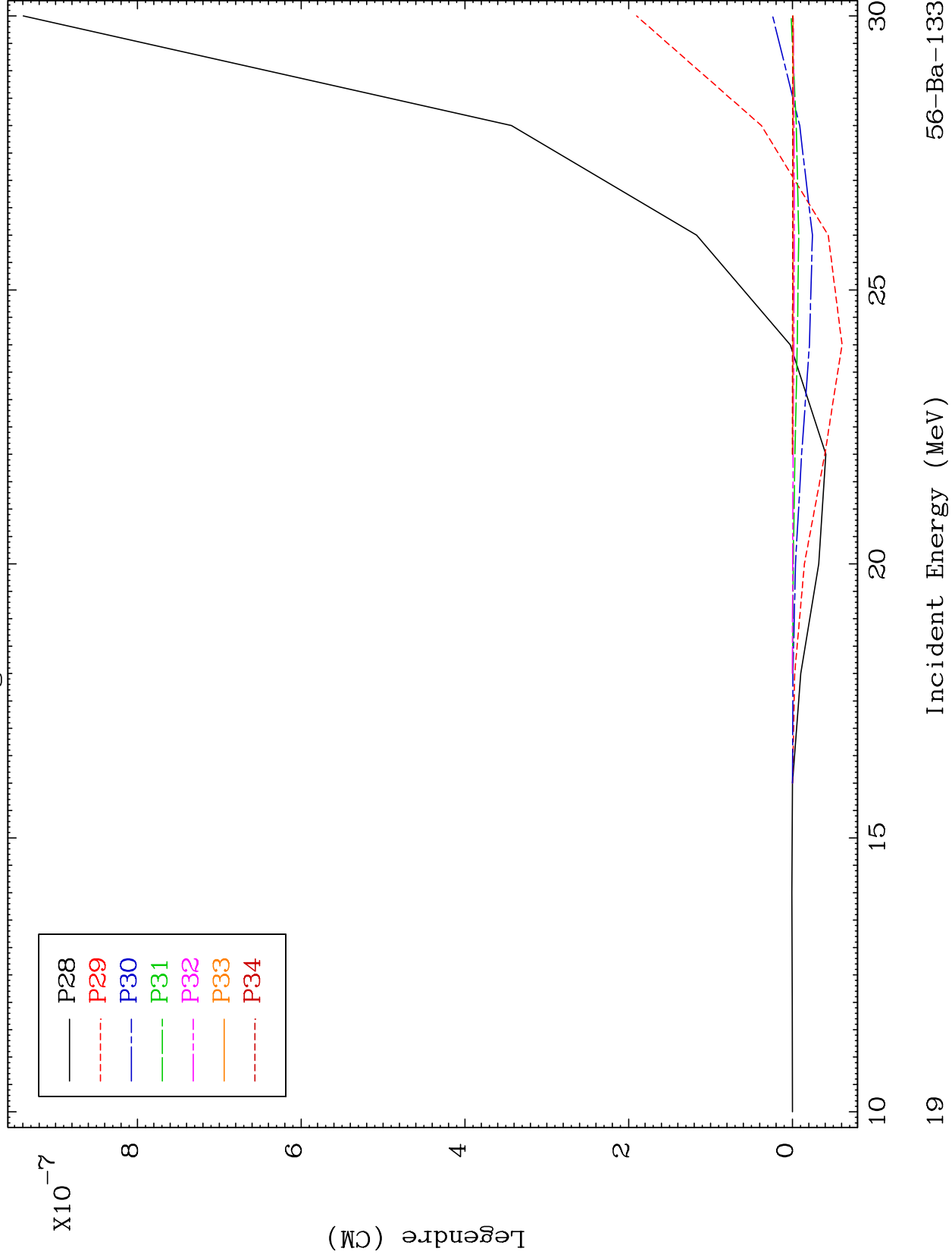
Incident Energy (MeV)

56-Ba-133

MAT 5634

Elastic
Legendre Coefficients

56-Ba-133



56-Ba-133

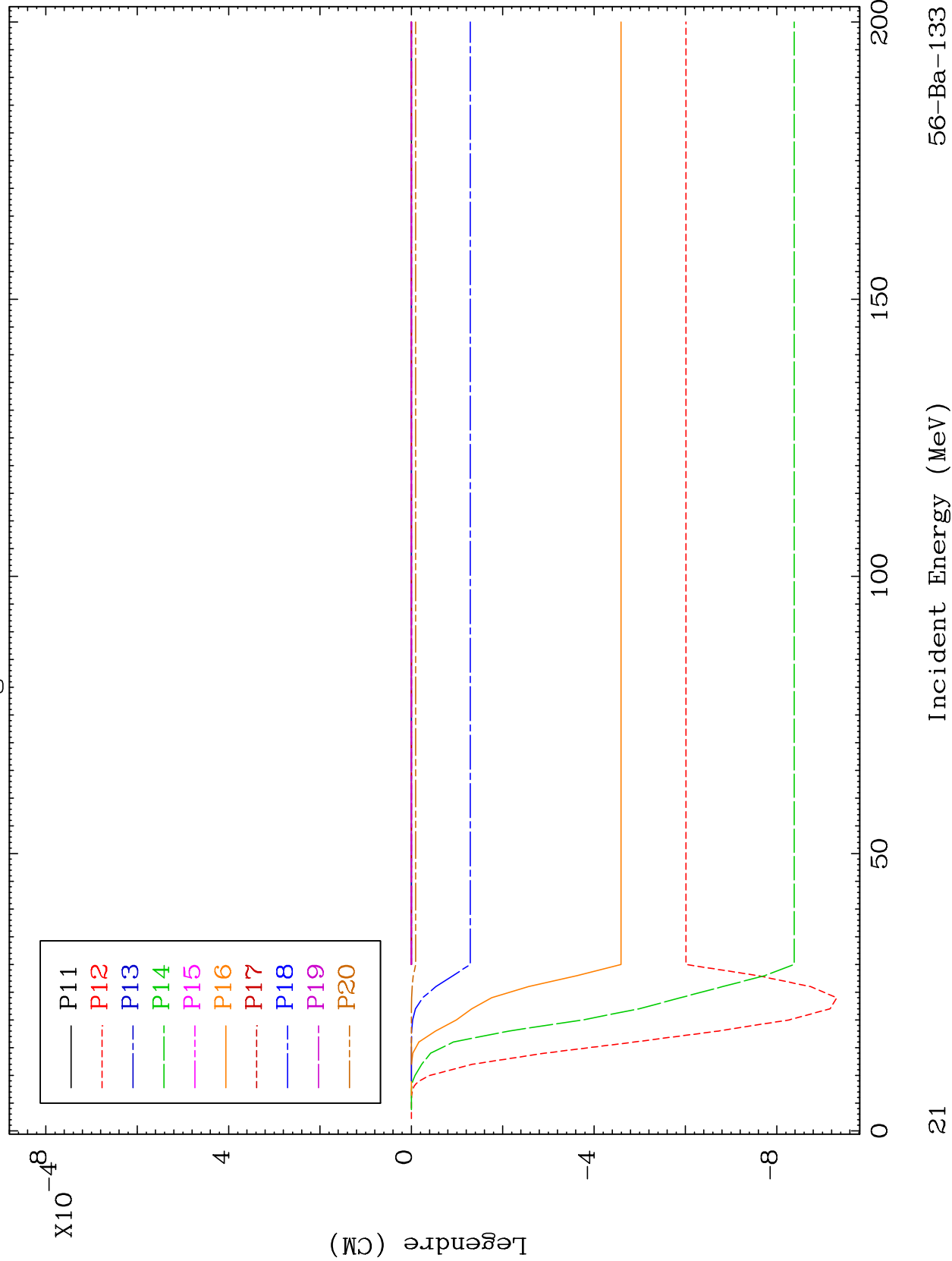
Incident Energy (MeV)

19

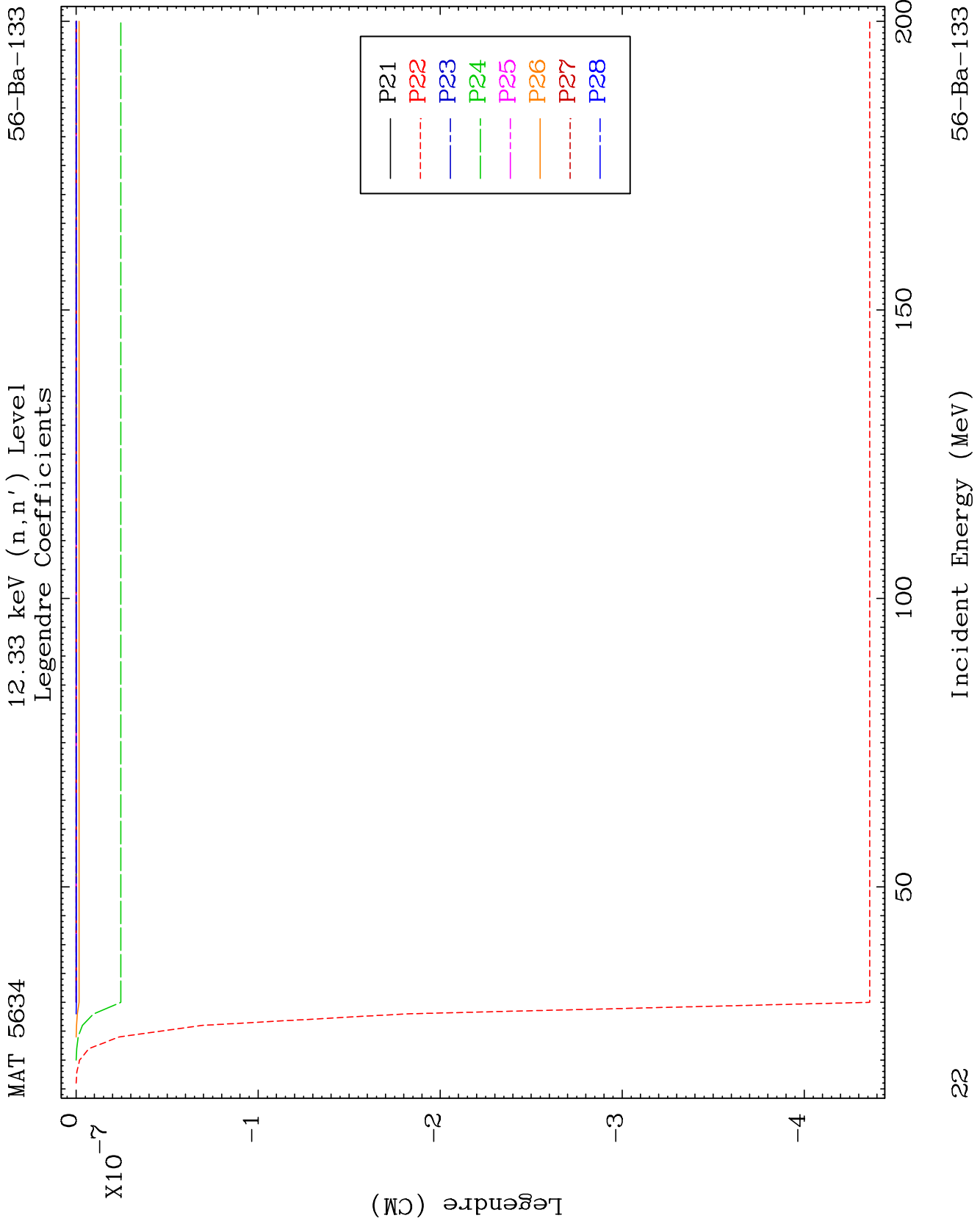
MAT 5634

12.33 keV (n,n') Level
Legendre Coefficients

56-Ba-133



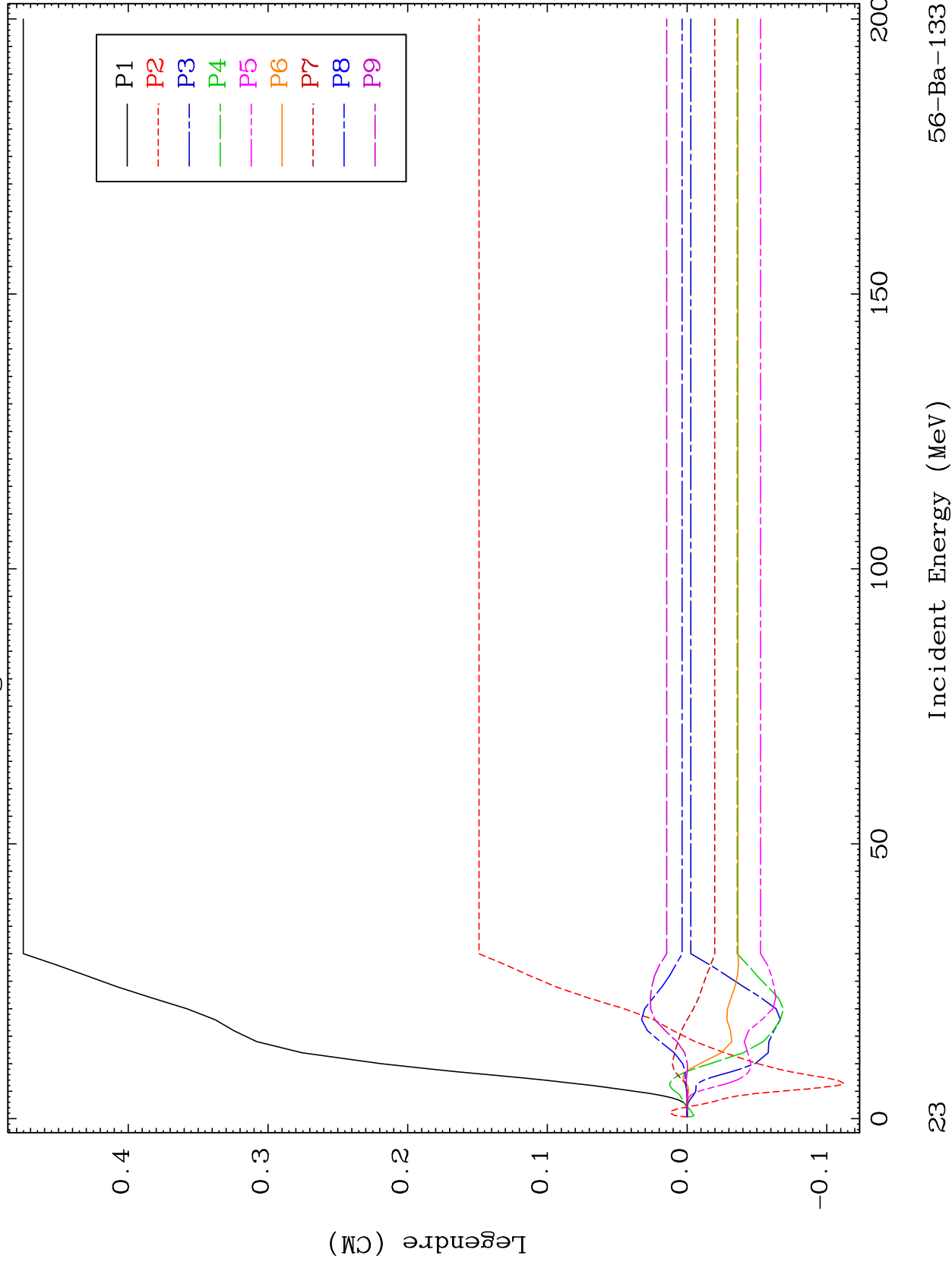
21



MAT 5634

288.3 keV (n,n') Level
Legendre Coefficients

56-Ba-133



56-Ba-133

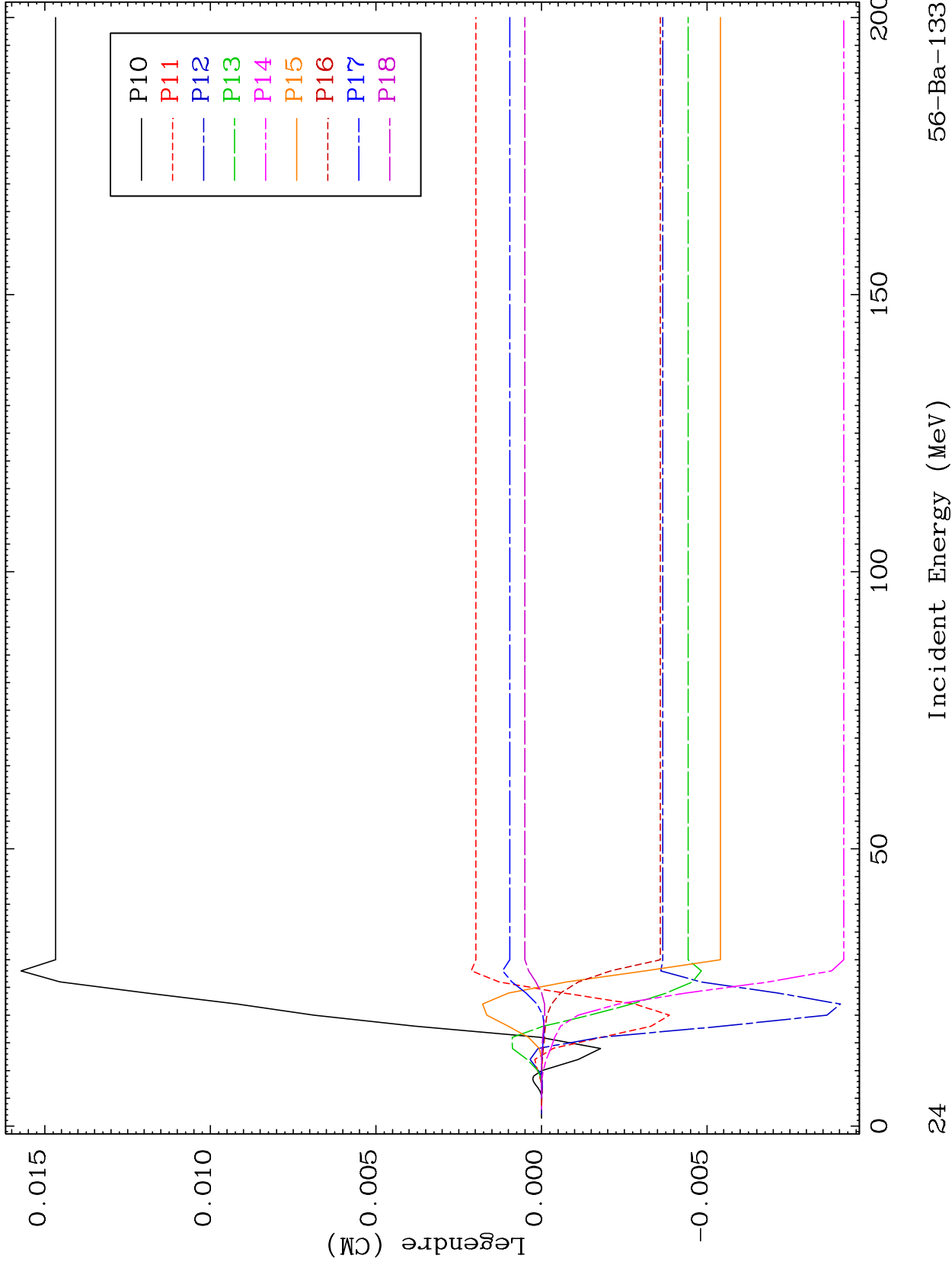
Incident Energy (MeV)

23

MAT 5634

288.3 keV (n,n') Level
Legendre Coefficients

56-Ba-133



24

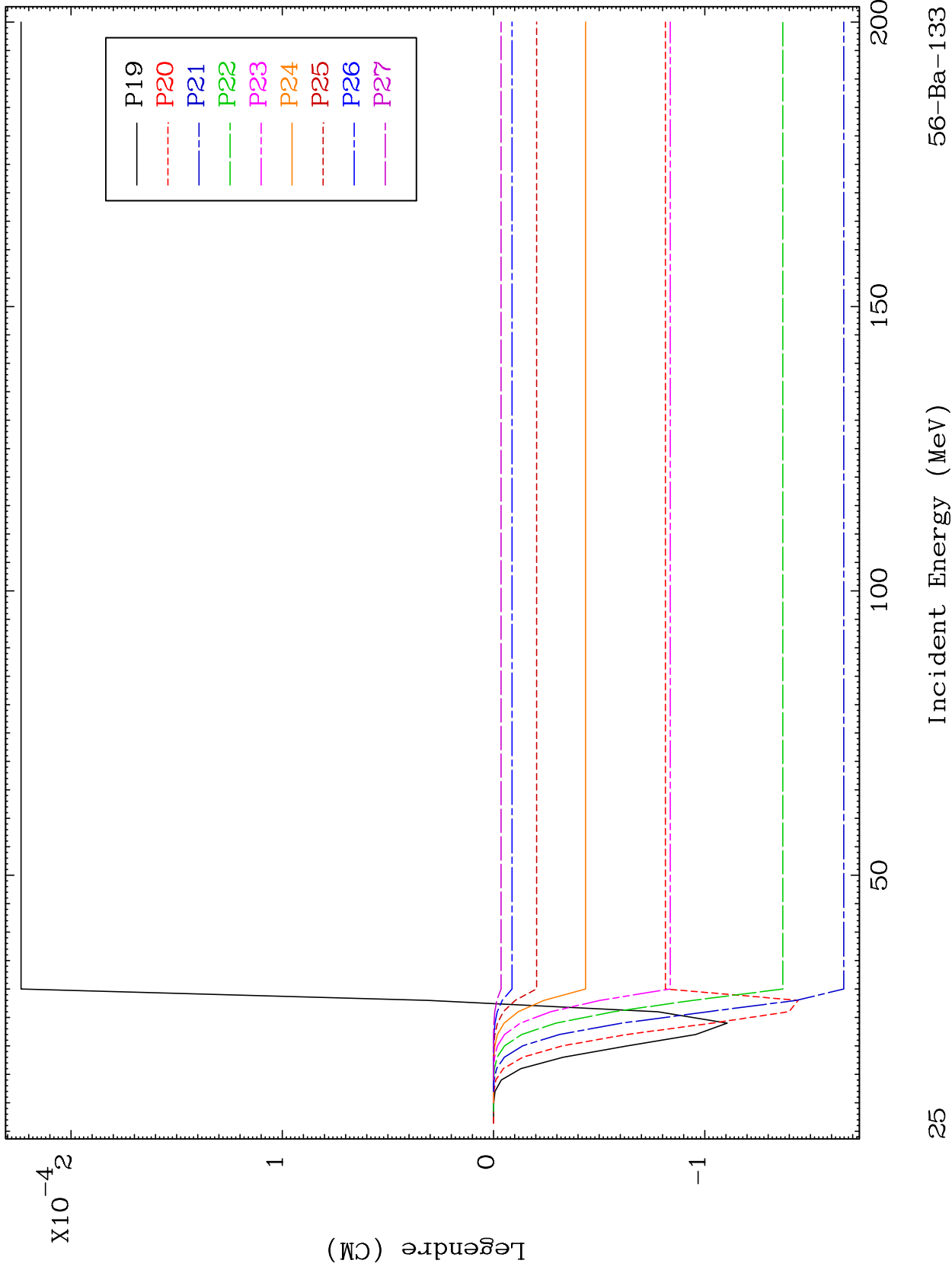
Incident Energy (MeV)

56-Ba-133

MAT 5634

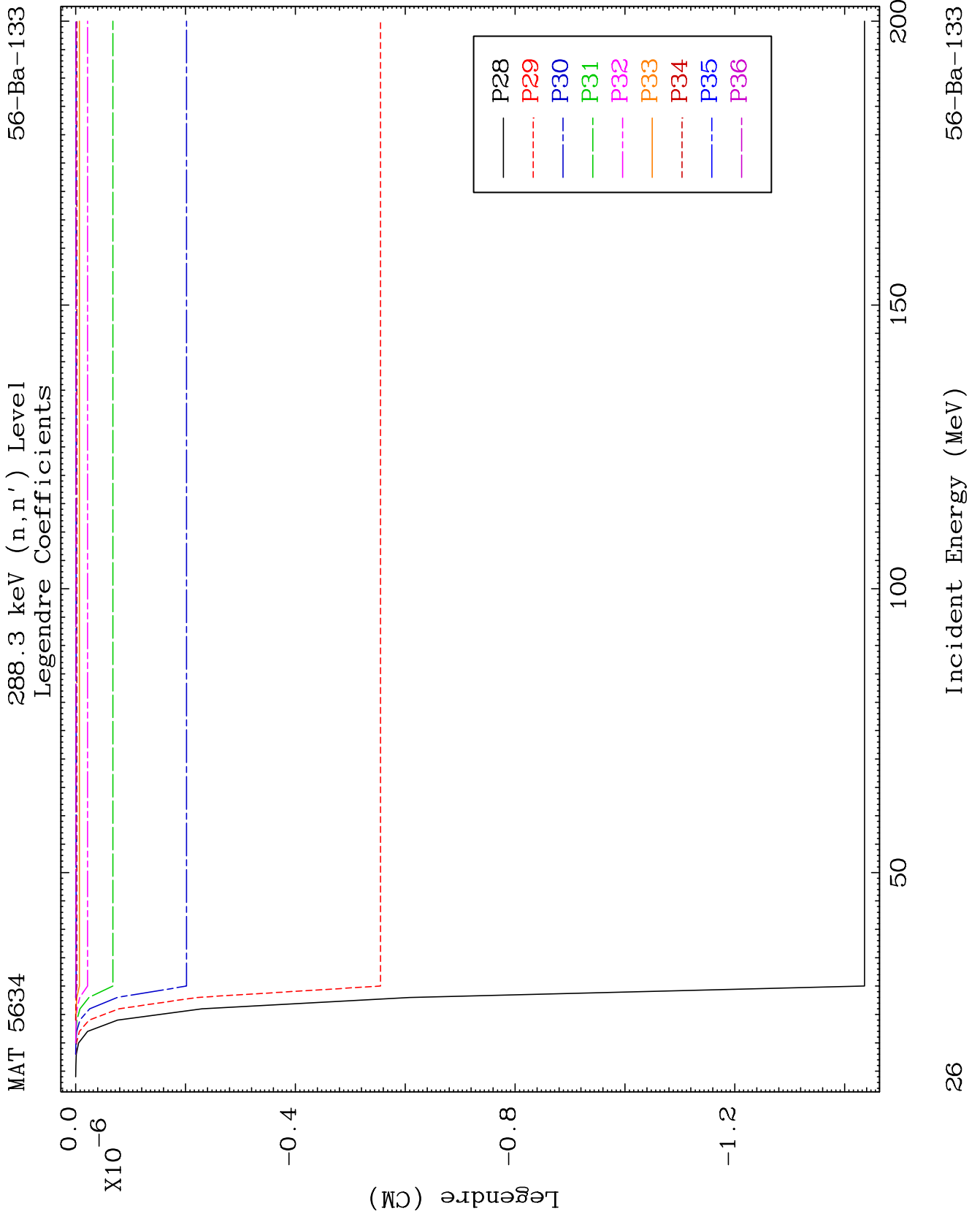
288.3 keV (n,n') Level
Legendre Coefficients

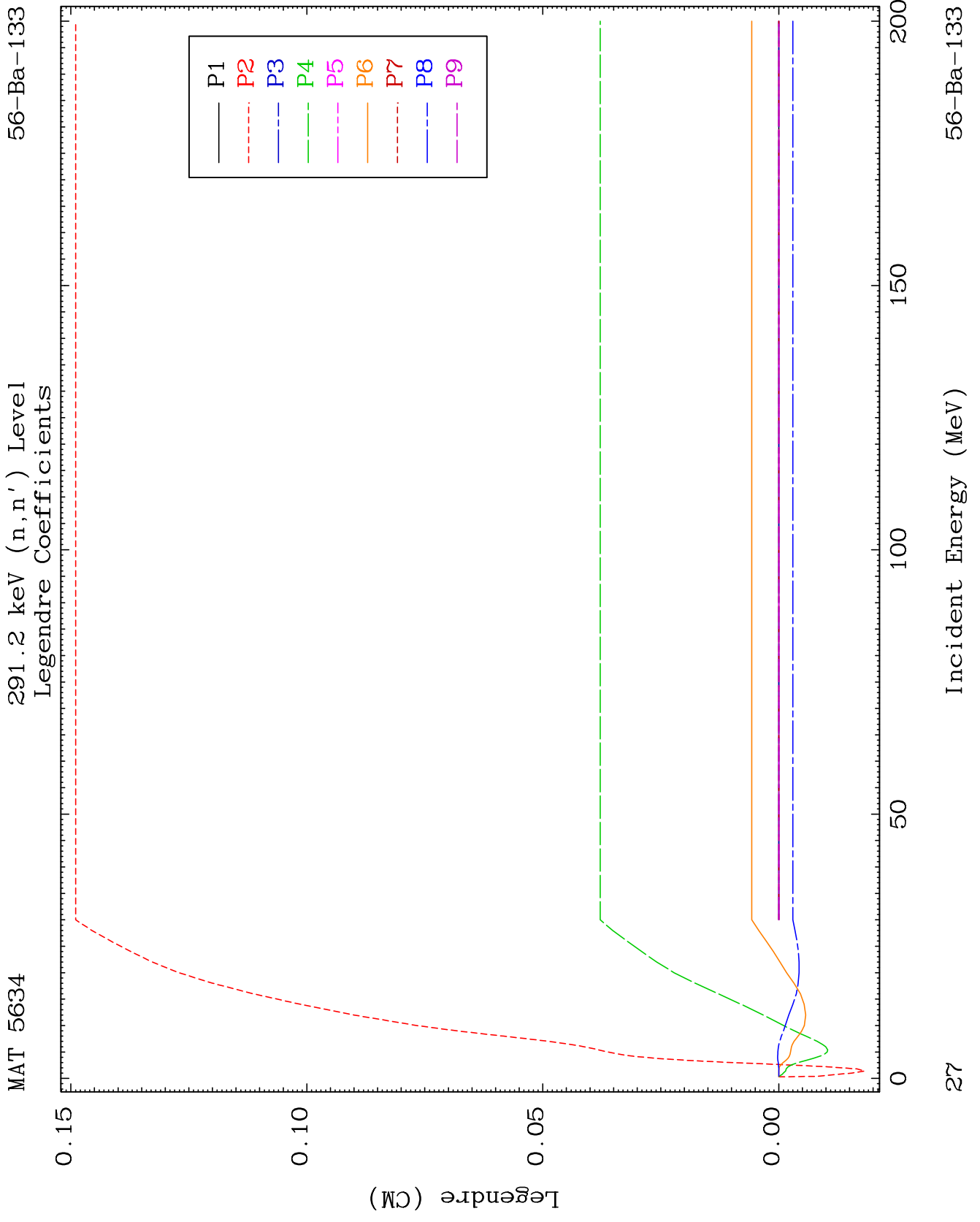
56-Ba-133



25

56-Ba-133

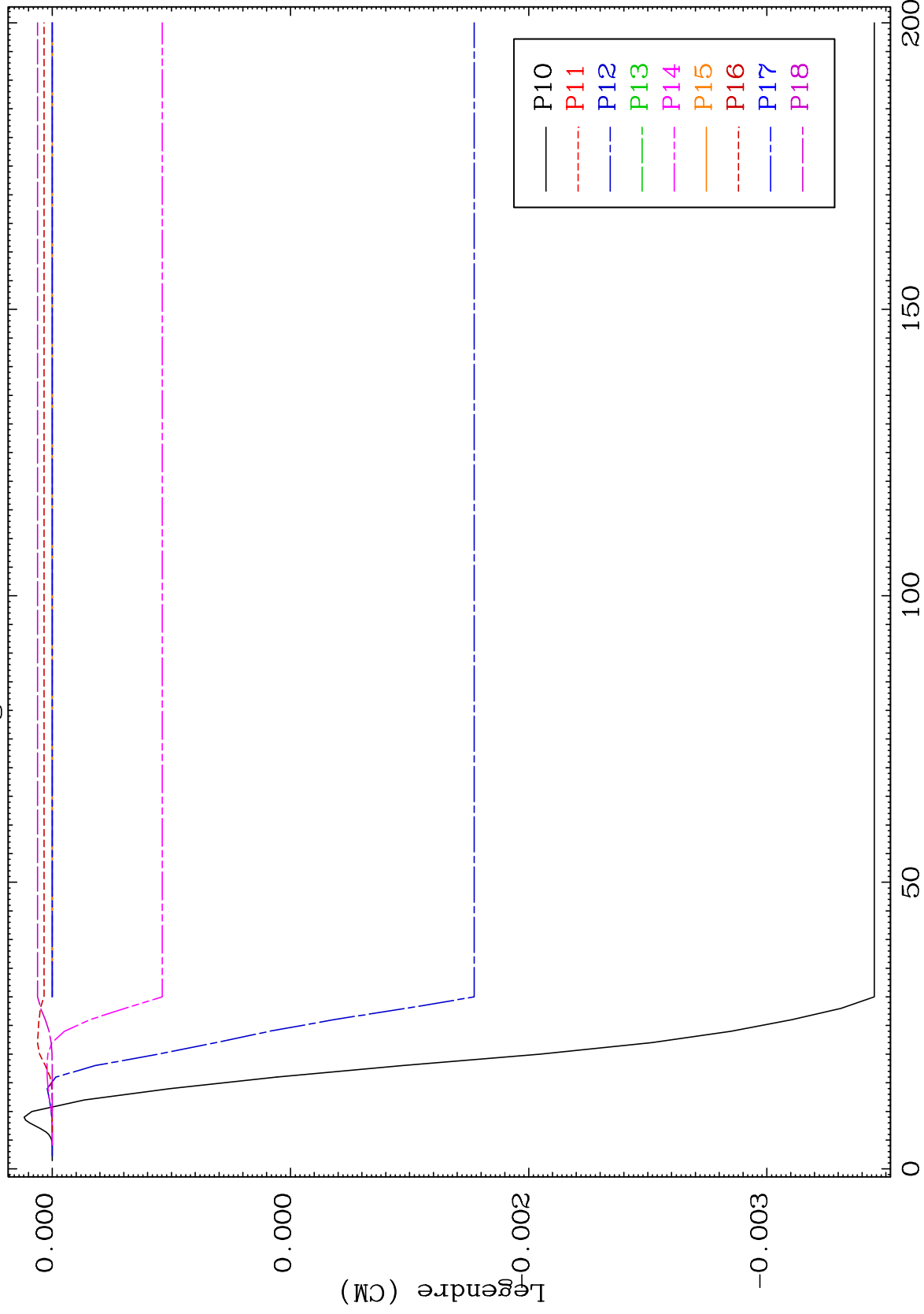




MAT 5634

291.2 keV (n,n') Level
Legendre Coefficients

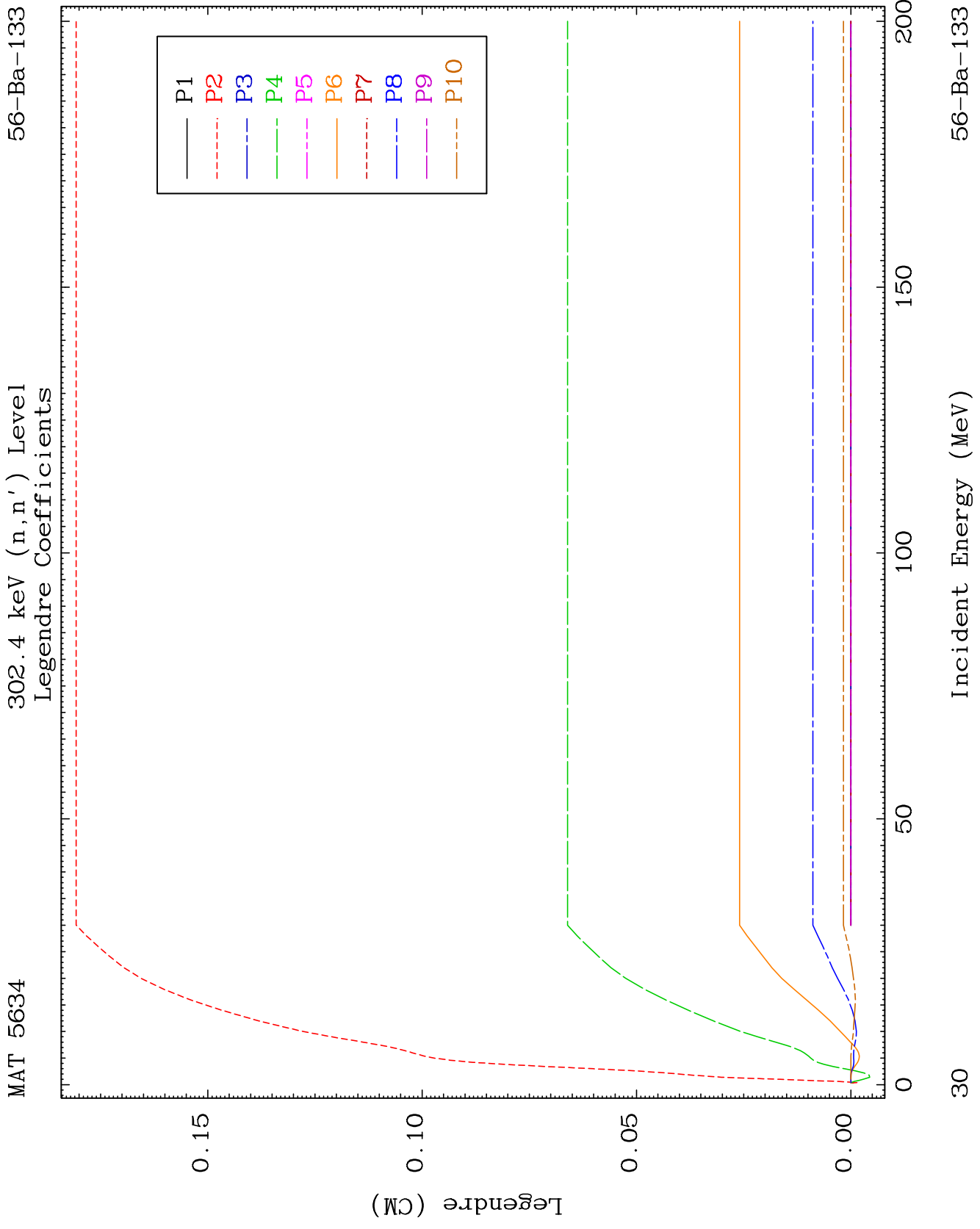
56-Ba-133



28

Incident Energy (MeV)

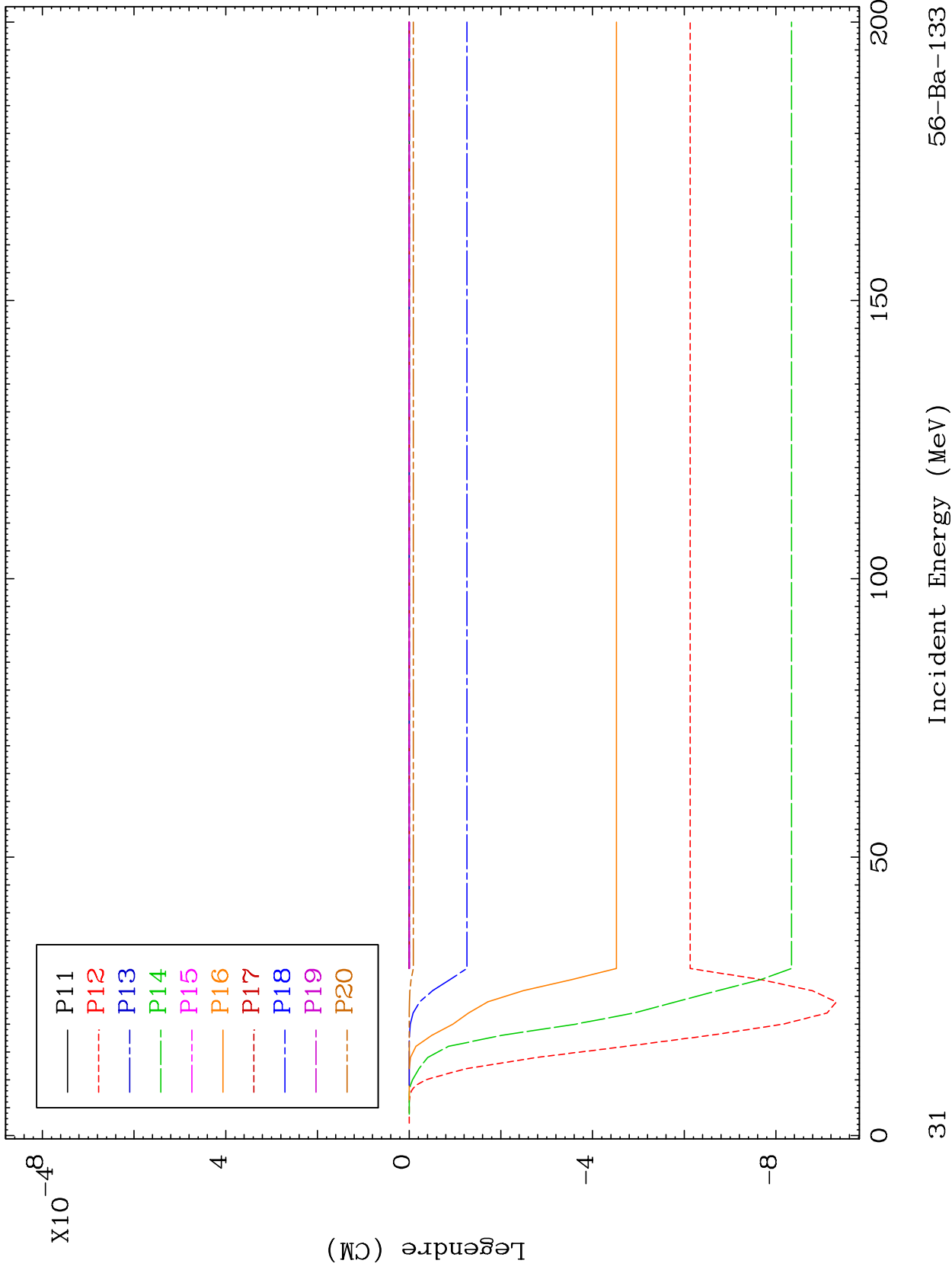
56-Ba-133



MAT 5634

302.4 keV (n,n') Level
Legendre Coefficients

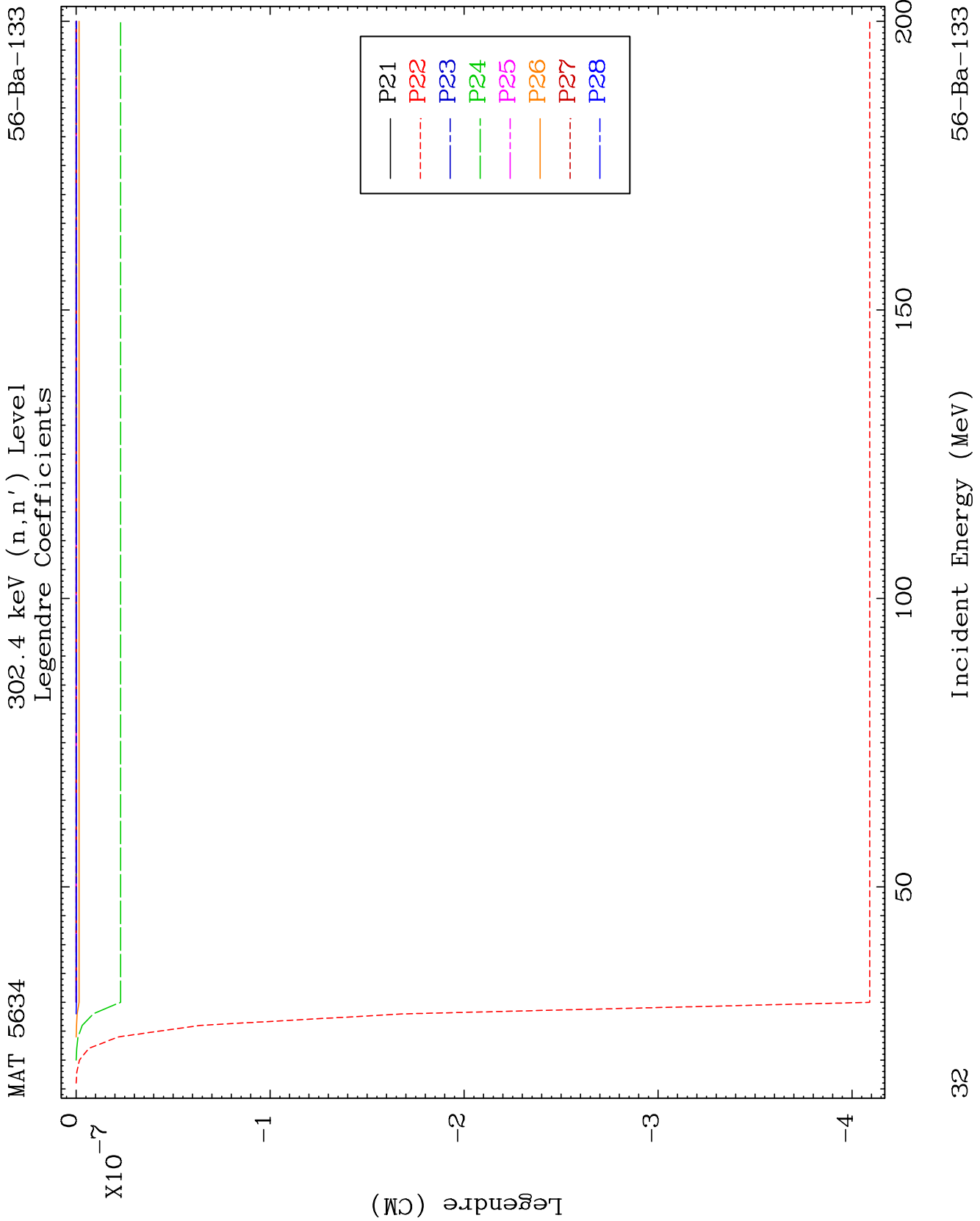
56-Ba-133

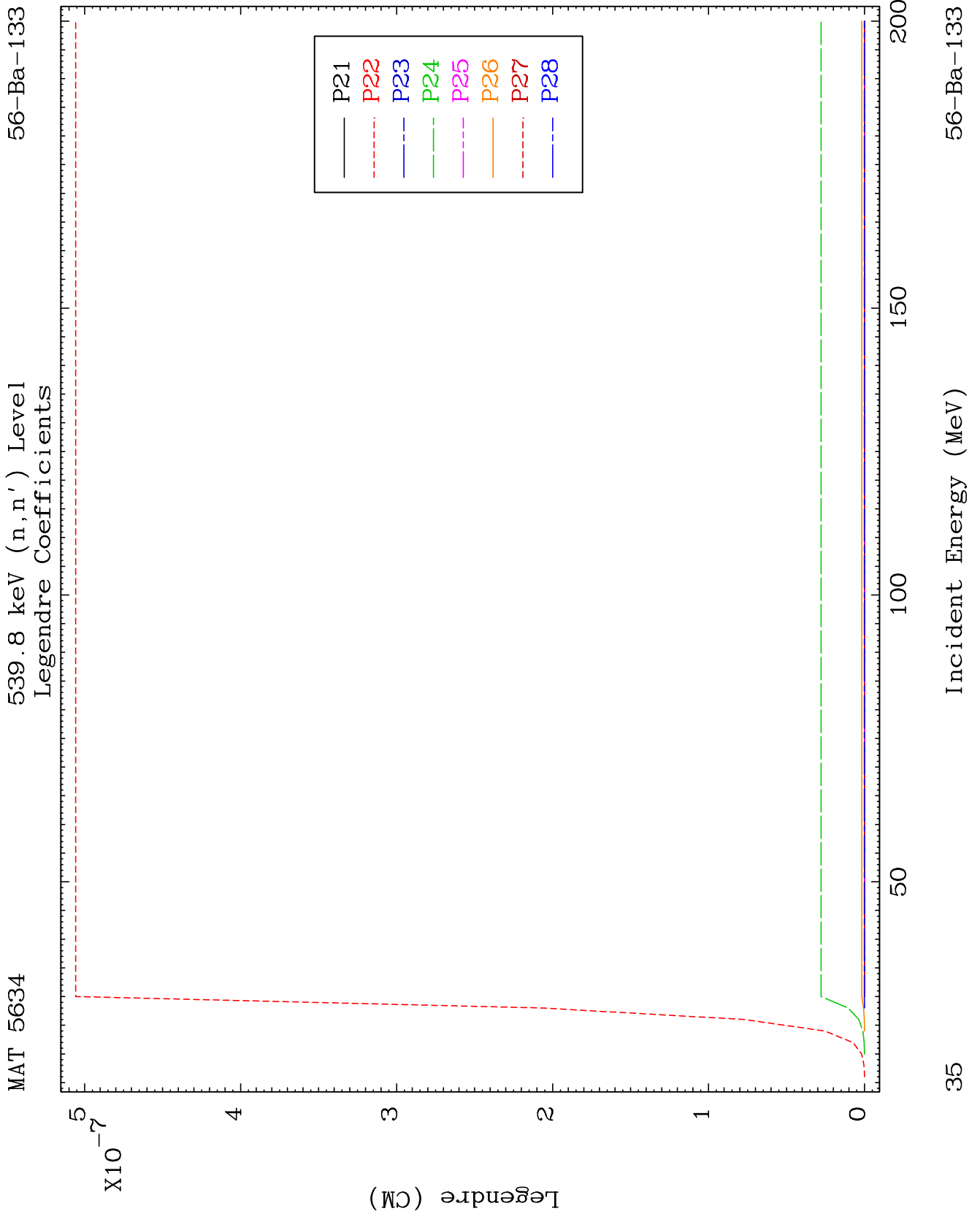


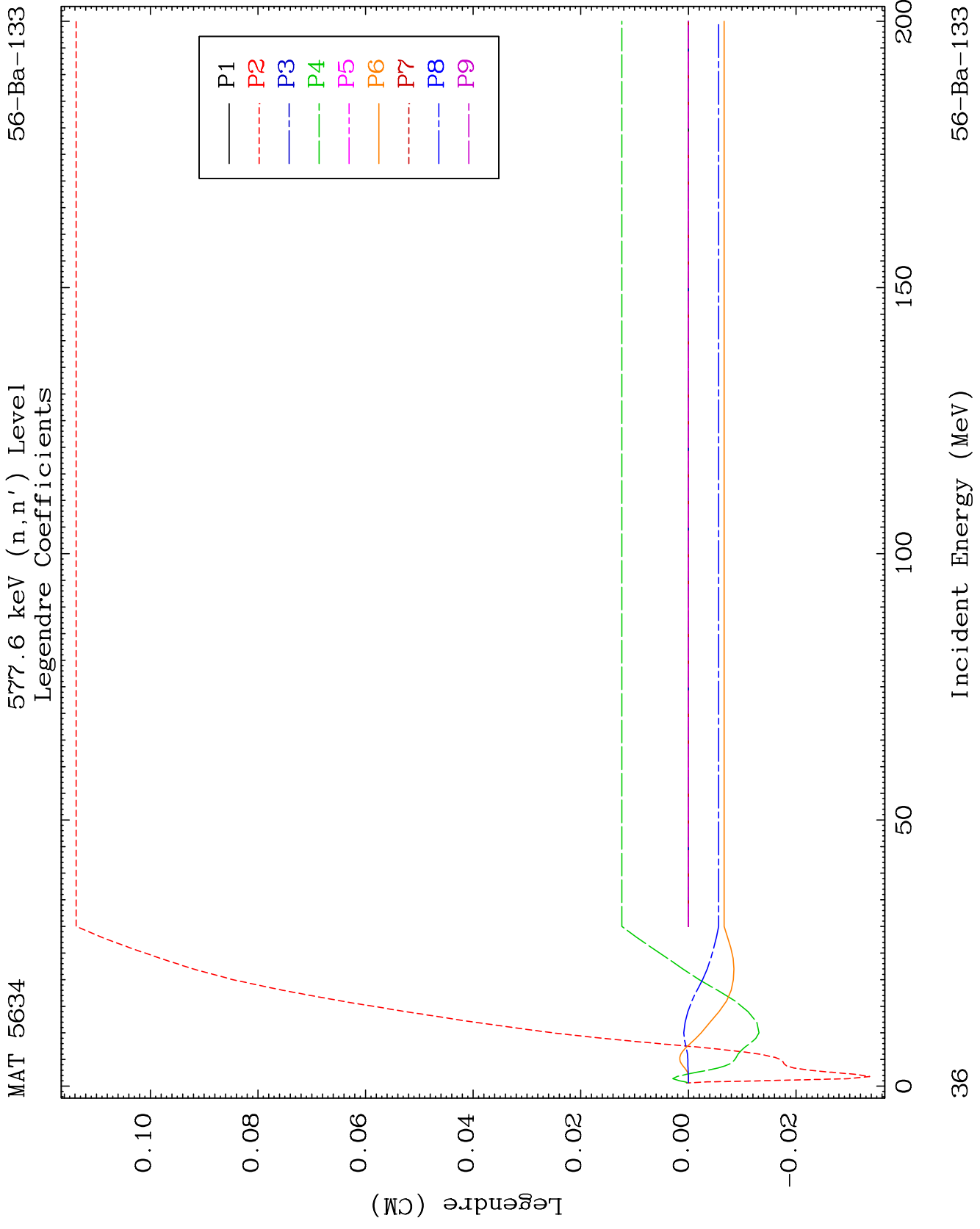
31

Incident Energy (MeV)

56-Ba-133



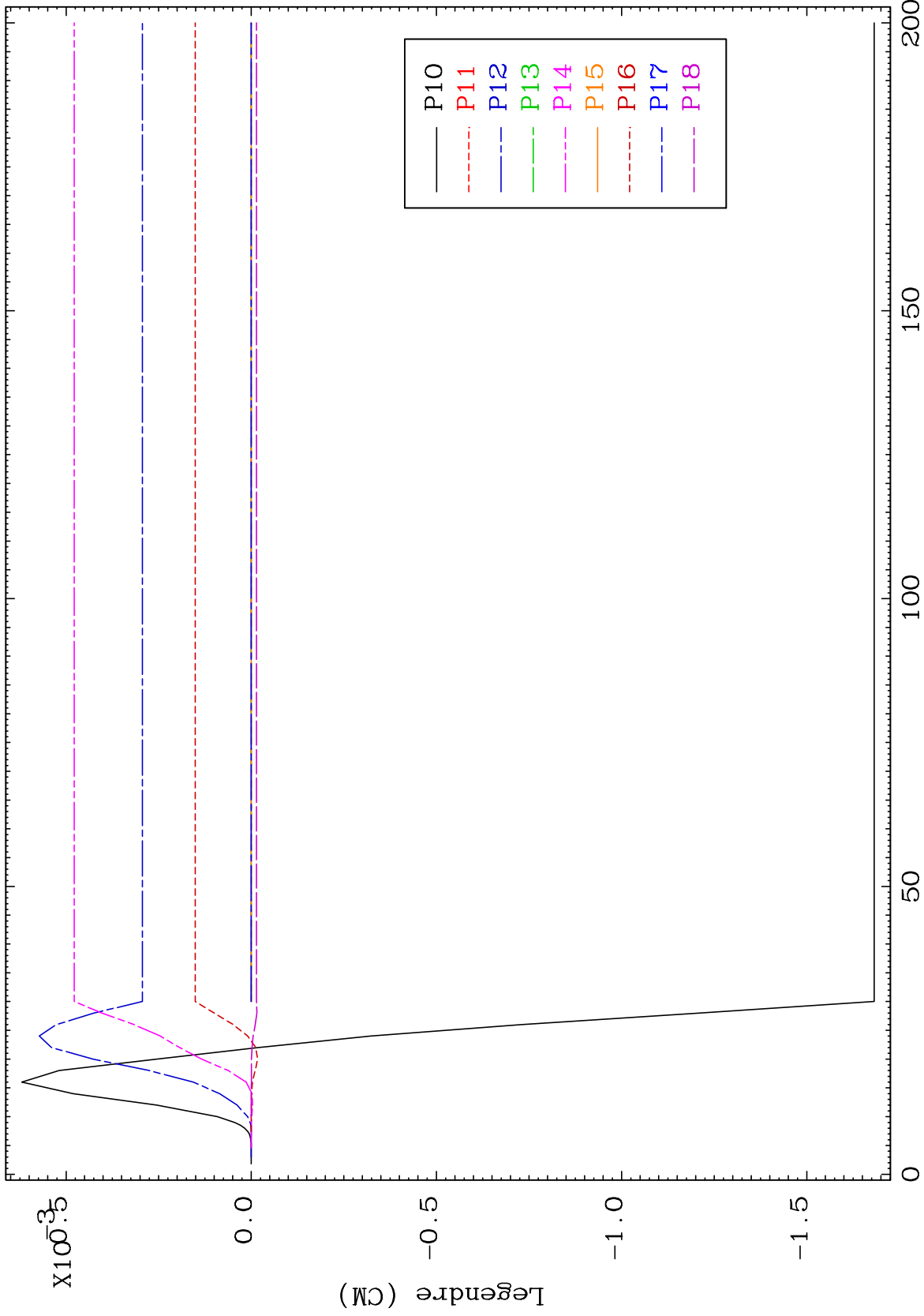




MAT 5634

577.6 keV (n,n') Level
Legendre Coefficients

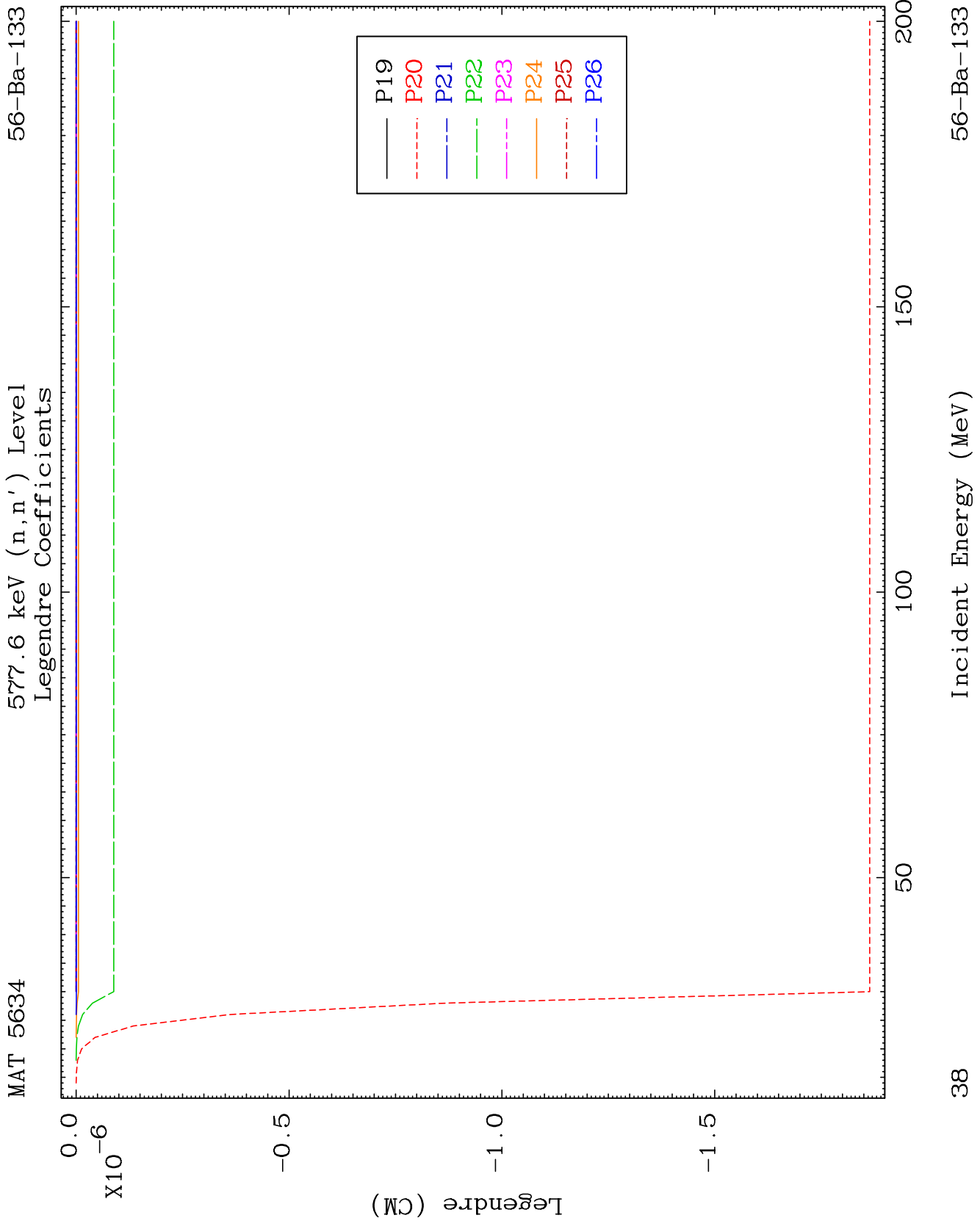
56-Ba-133



37

Incident Energy (MeV)

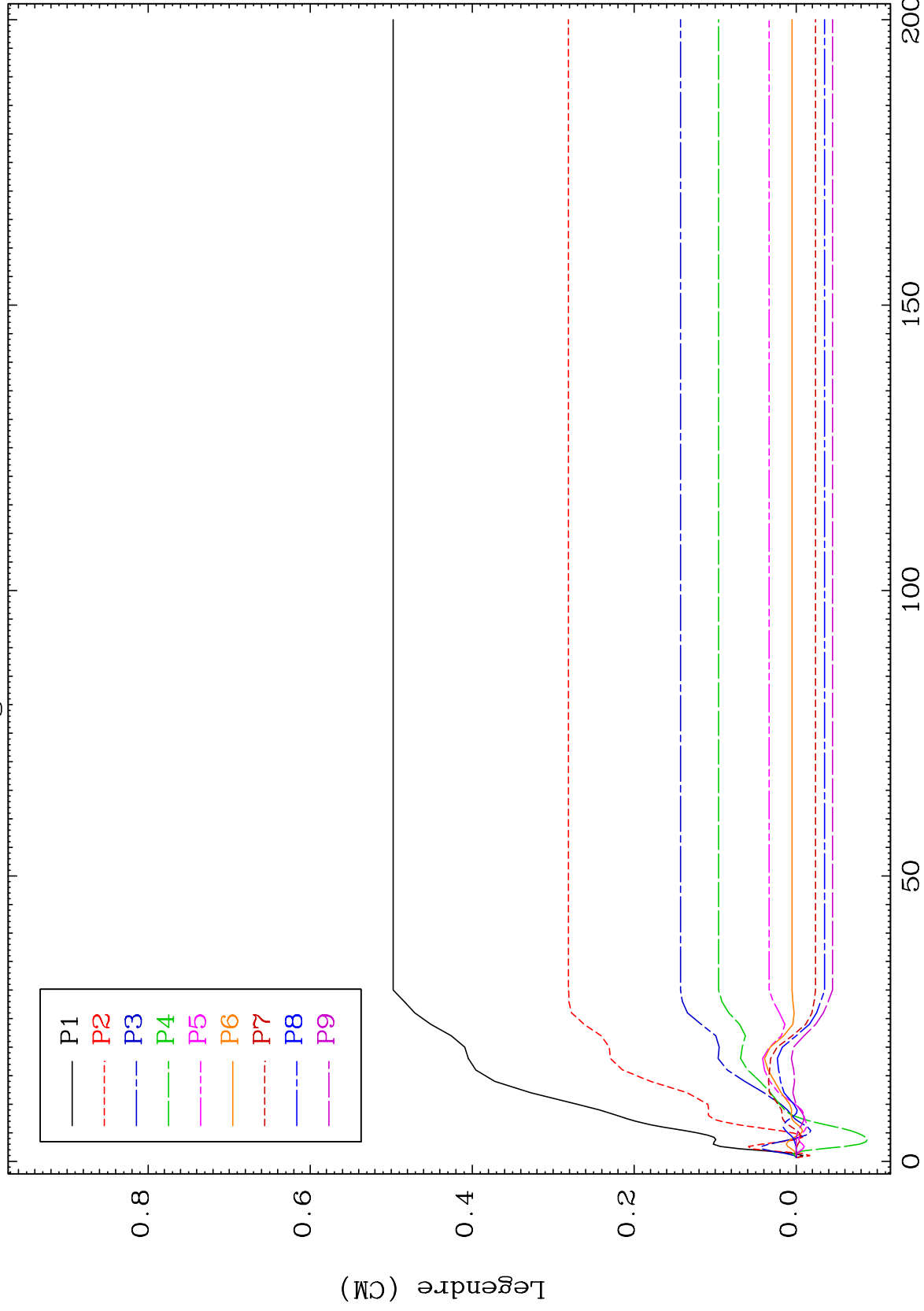
56-Ba-133



MAT 5634

630.6 keV (n,n') Level
Legendre Coefficients

56-Ba-133



39

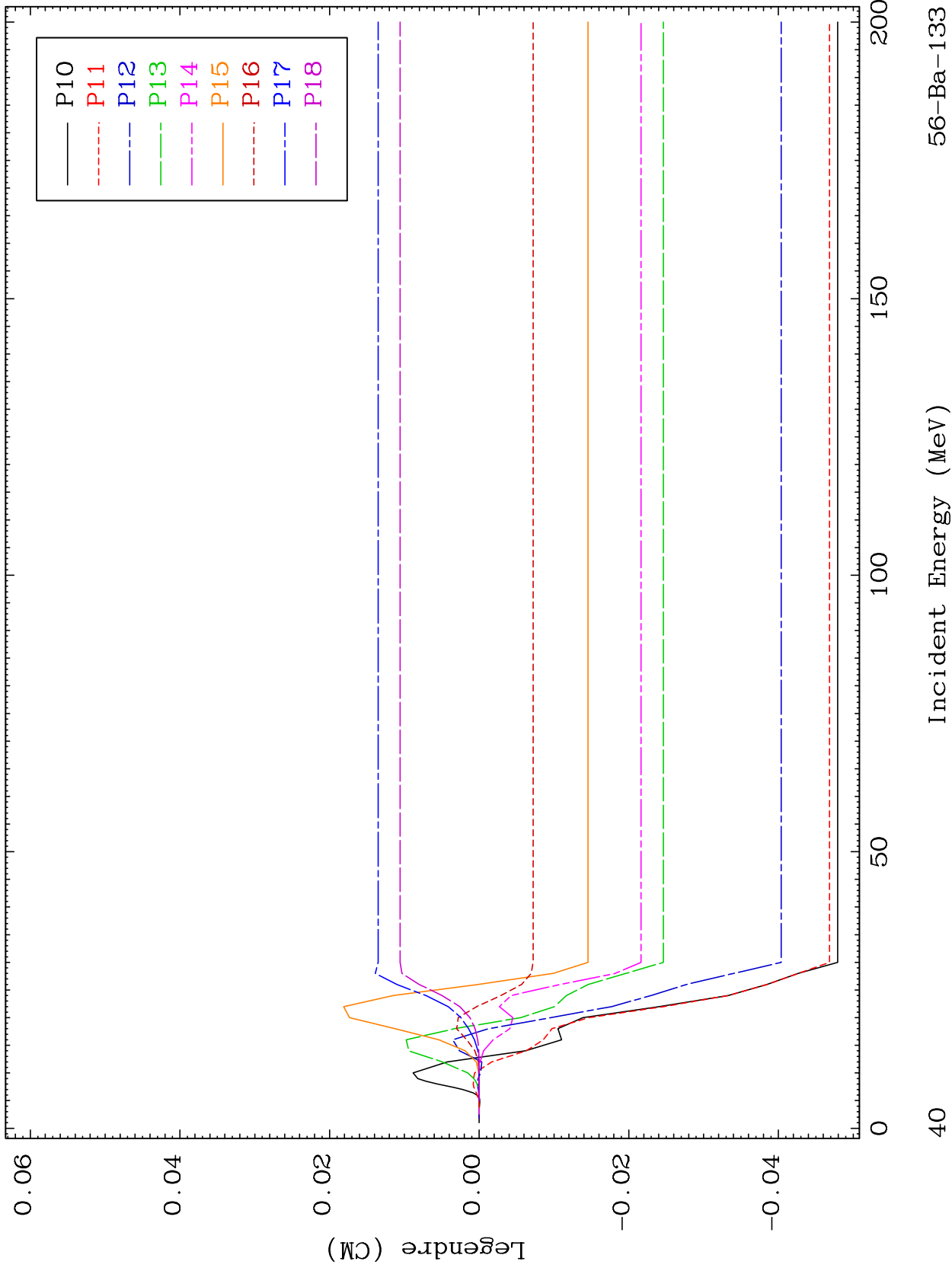
Incident Energy (MeV)

56-Ba-133

MAT 5634

630.6 keV (n,n') Level
Legendre Coefficients

56-Ba-133



56-Ba-133

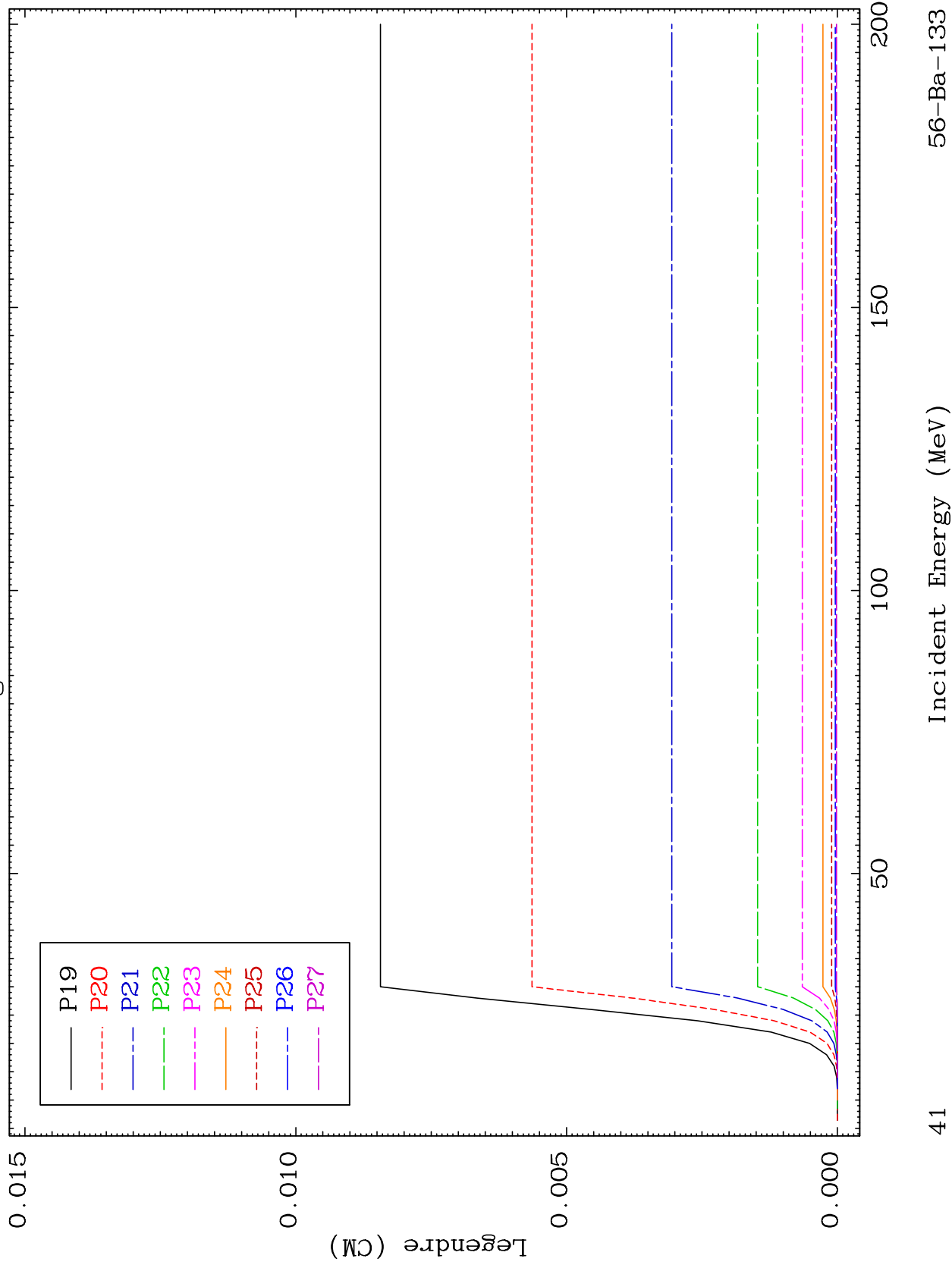
Incident Energy (MeV)

40

MAT 5634

630.6 keV (n,n') Level
Legendre Coefficients

56-Ba-133



41

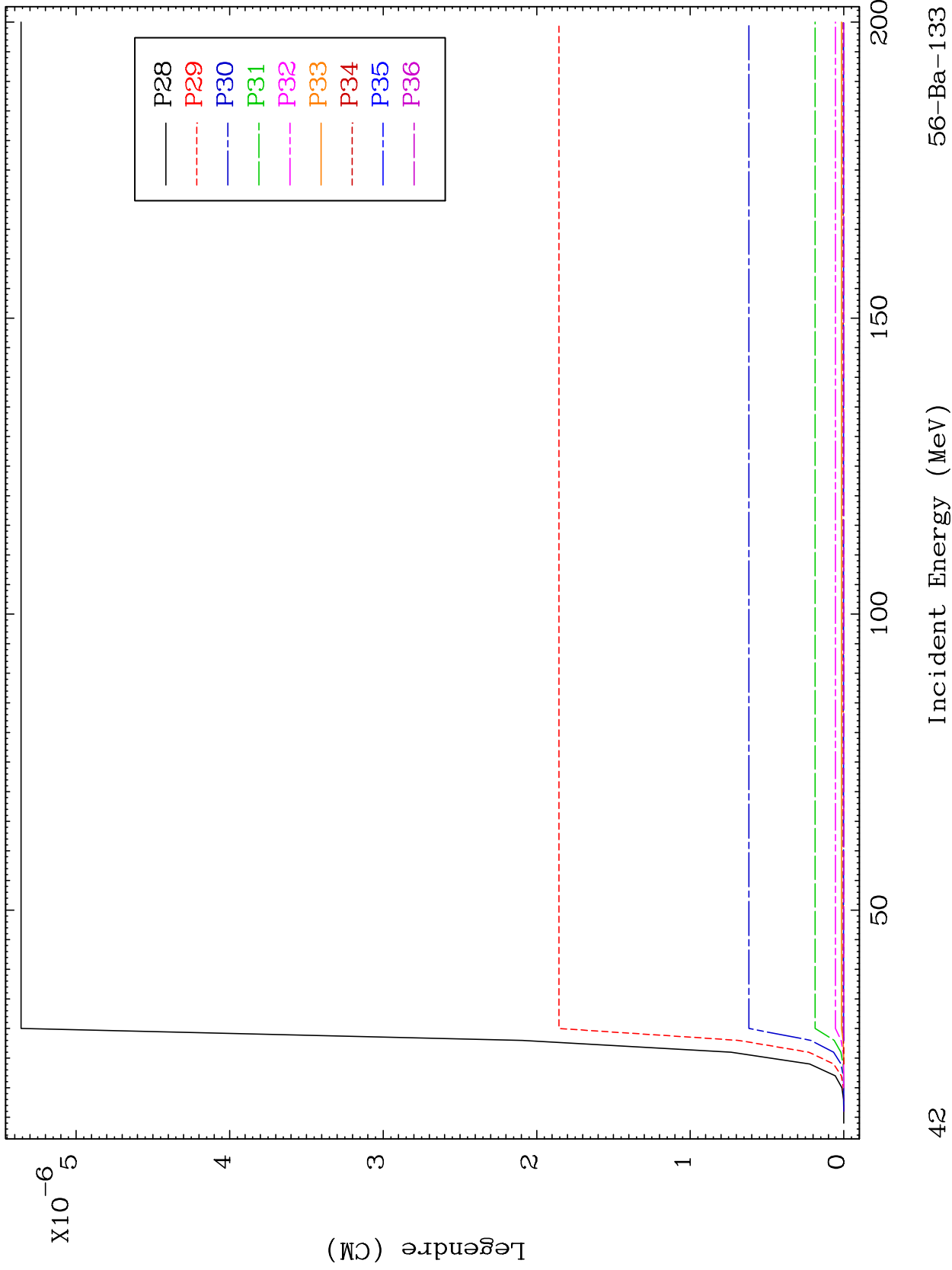
Incident Energy (MeV)

56-Ba-133

MAT 5634

630.6 keV (n, n') Level
Legendre Coefficients

56-Ba-133



42

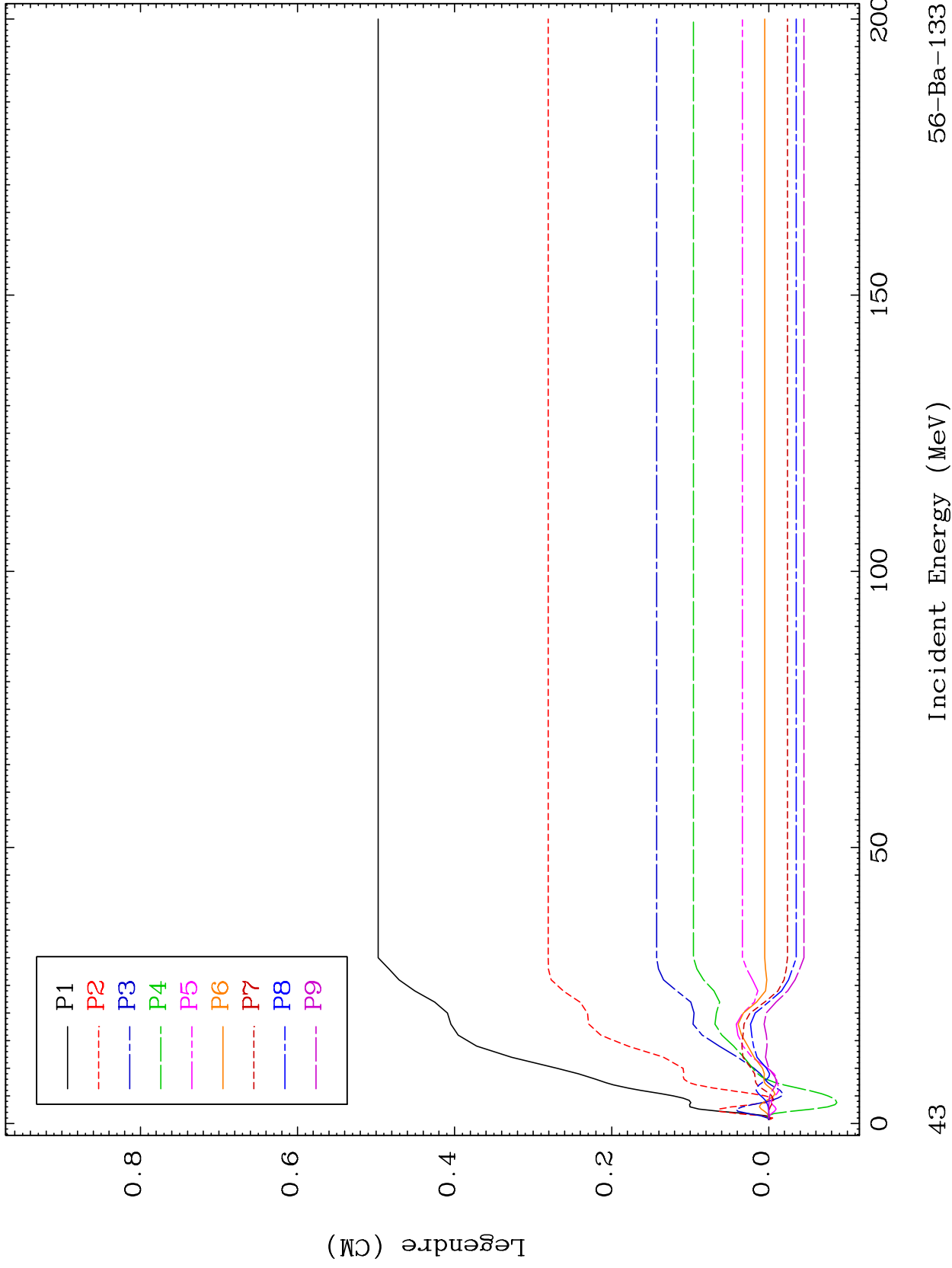
Incident Energy (MeV)

56-Ba-133

MAT 5634

676.5 keV (n,n') Level
Legendre Coefficients

56-Ba-133



56-Ba-133

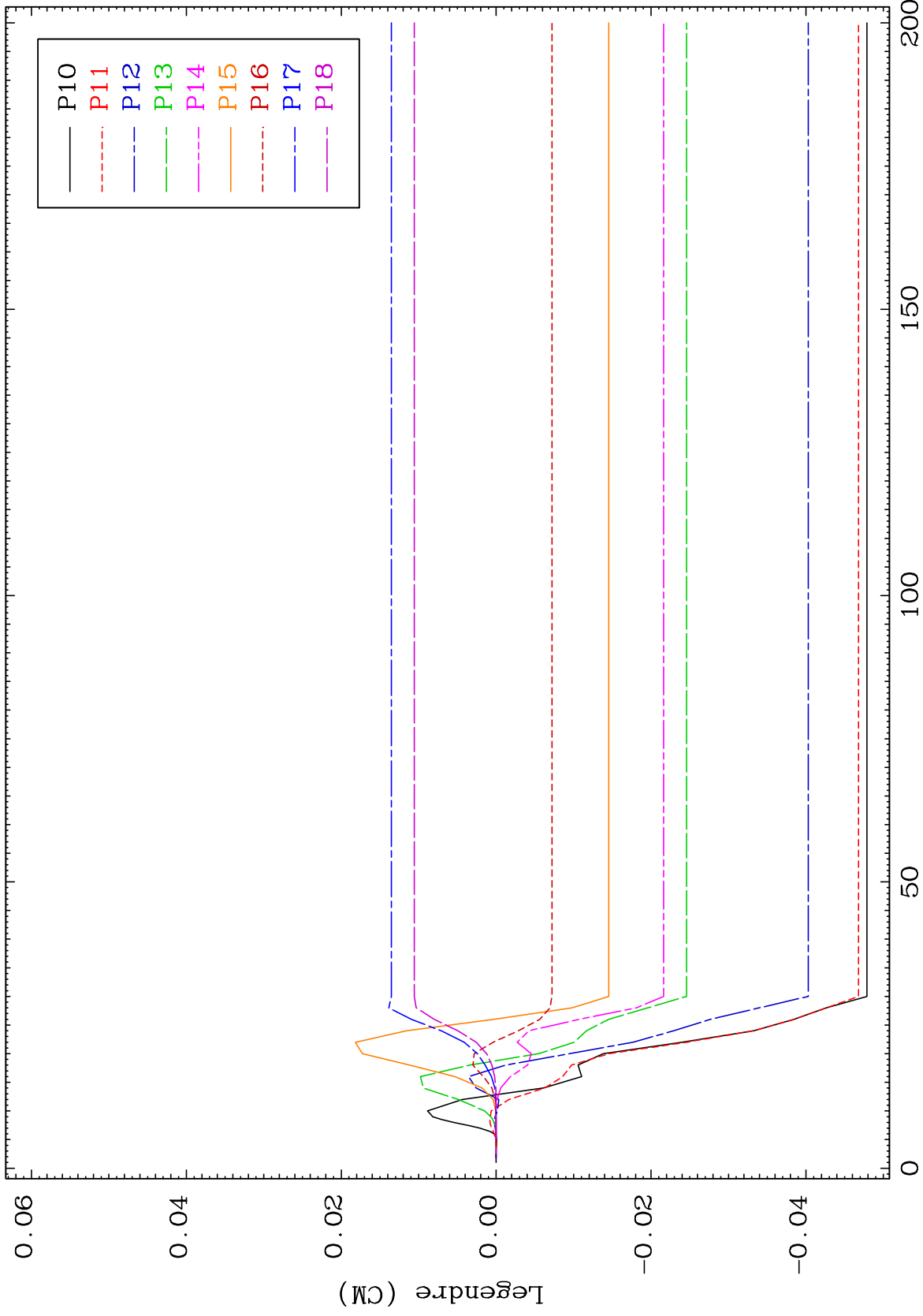
Incident Energy (MeV)

43

MAT 5634

676.5 keV (n,n') Level
Legendre Coefficients

56-Ba-133



44

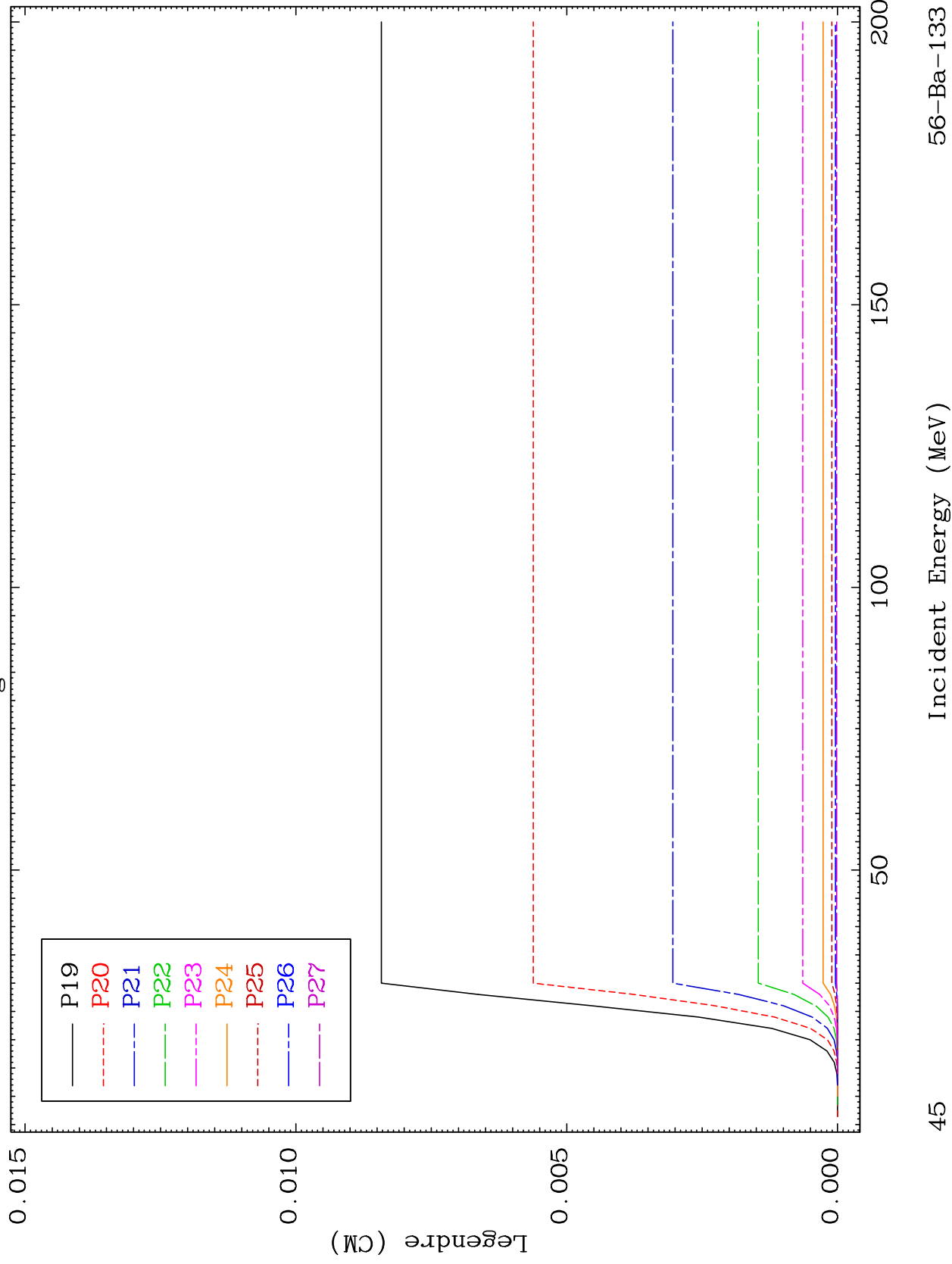
Incident Energy (MeV)

56-Ba-133

MAT 5634

676.5 keV (n,n') Level
Legendre Coefficients

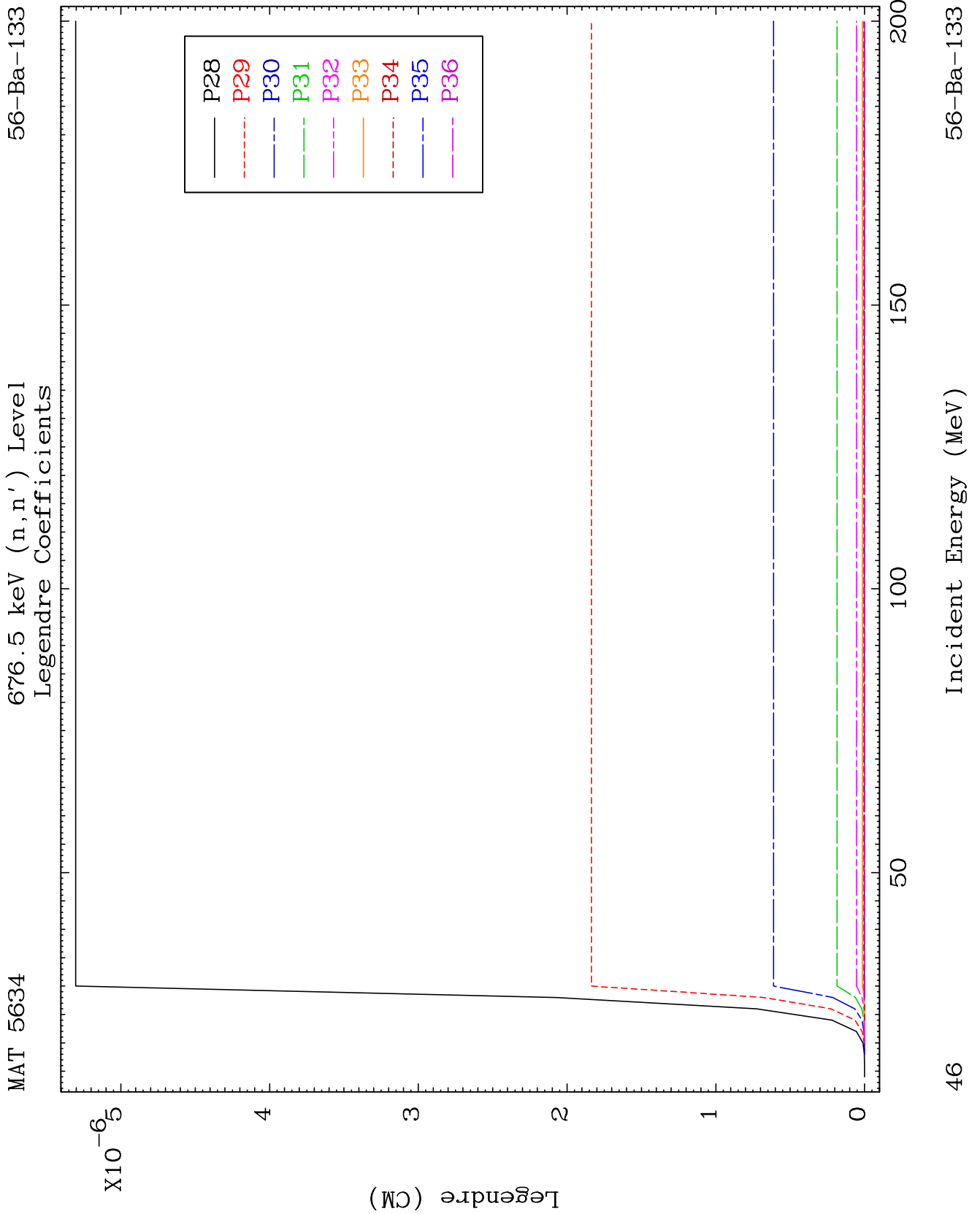
56-Ba-133



56-Ba-133

Incident Energy (MeV)

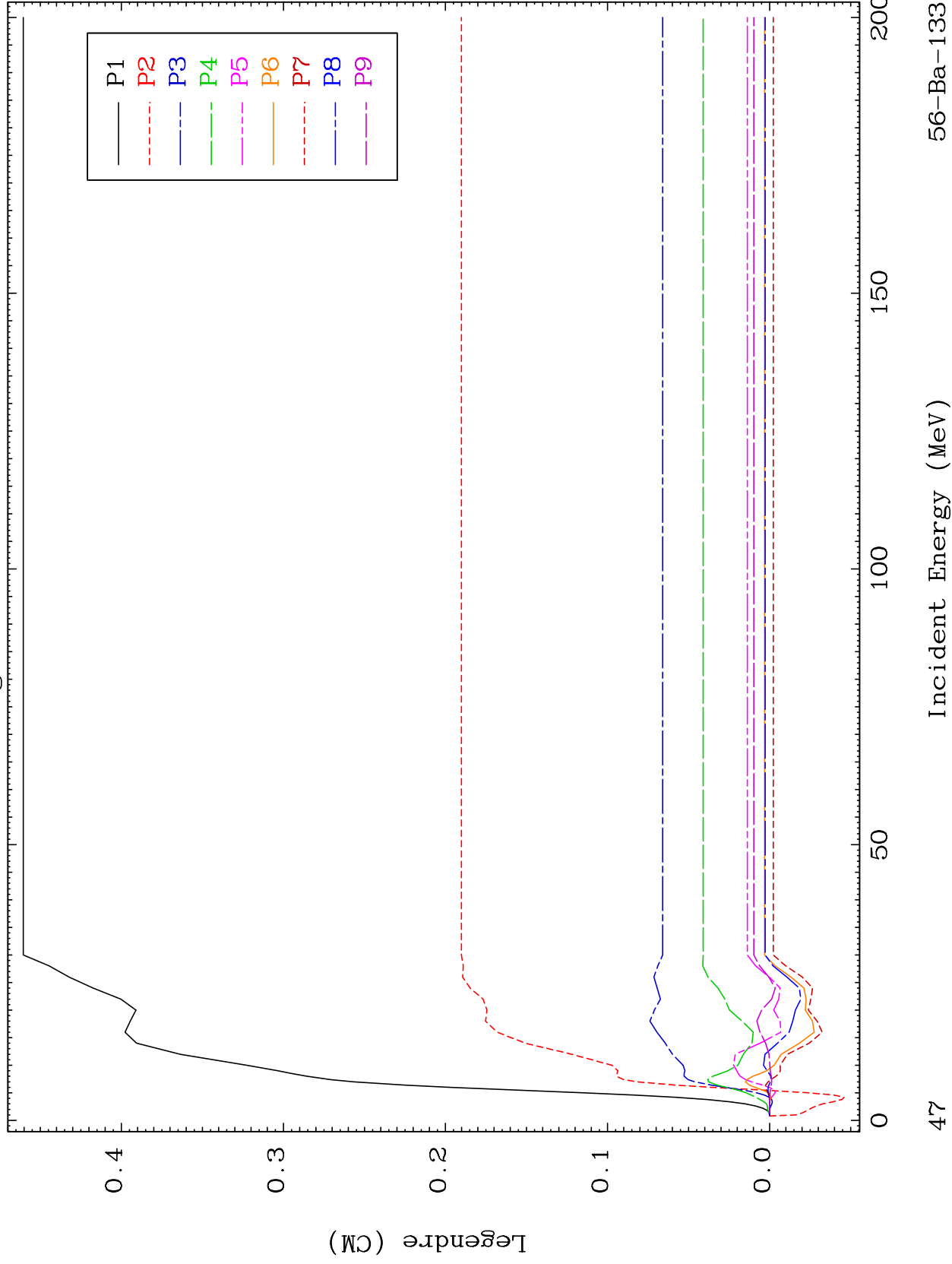
45



MAT 5634

791.1 keV (n,n') Level
Legendre Coefficients

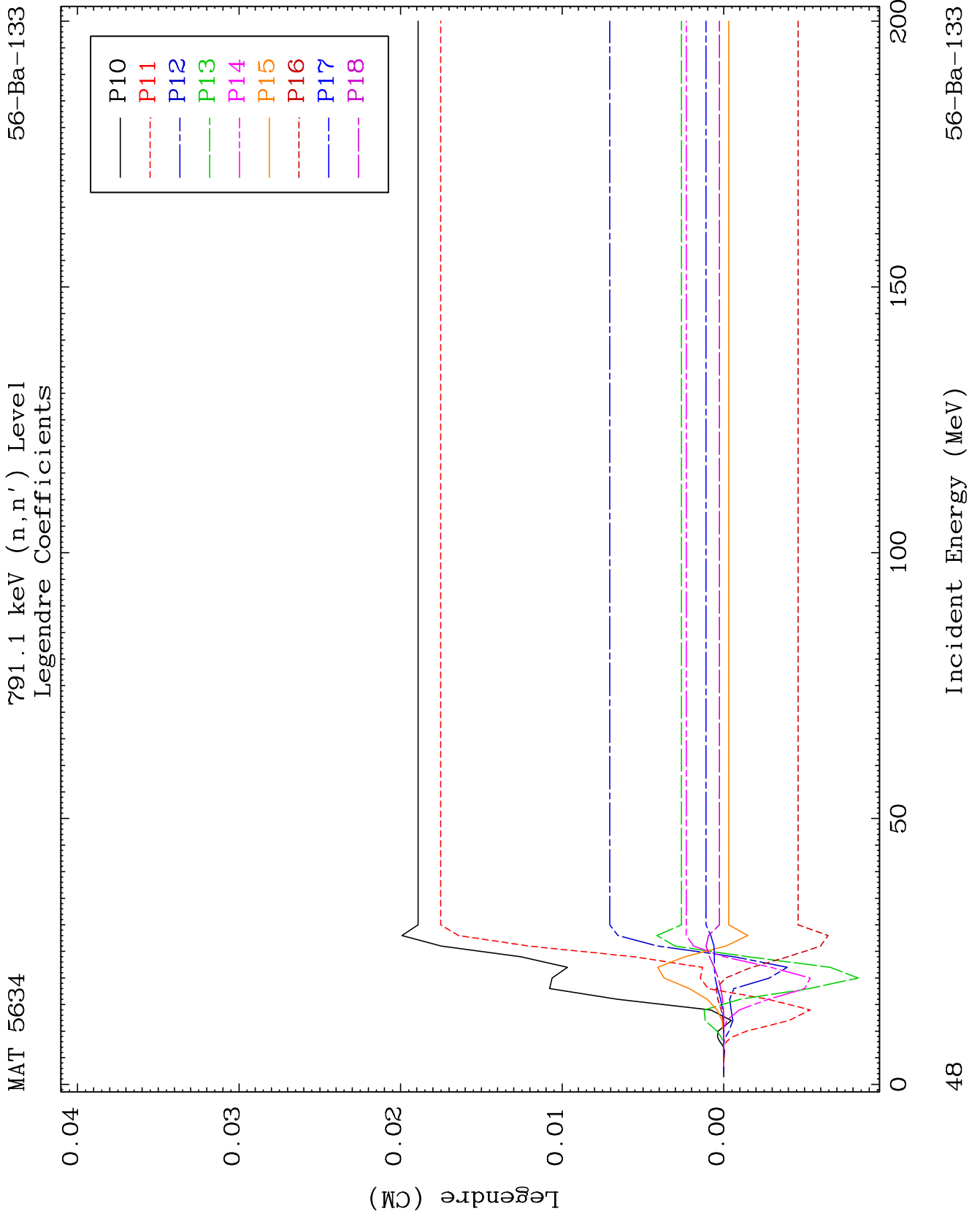
56-Ba-133

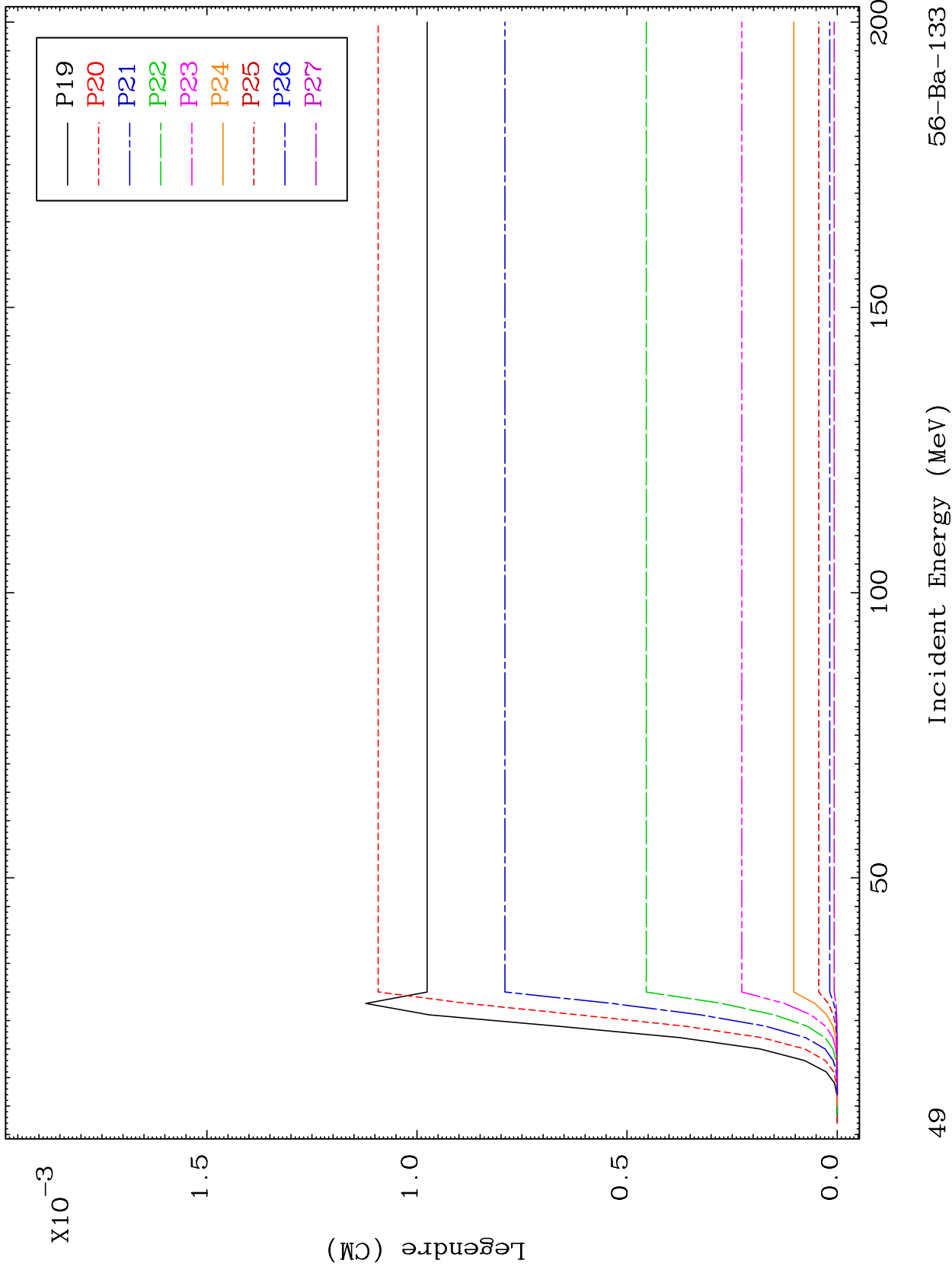


56-Ba-133

Incident Energy (MeV)

47

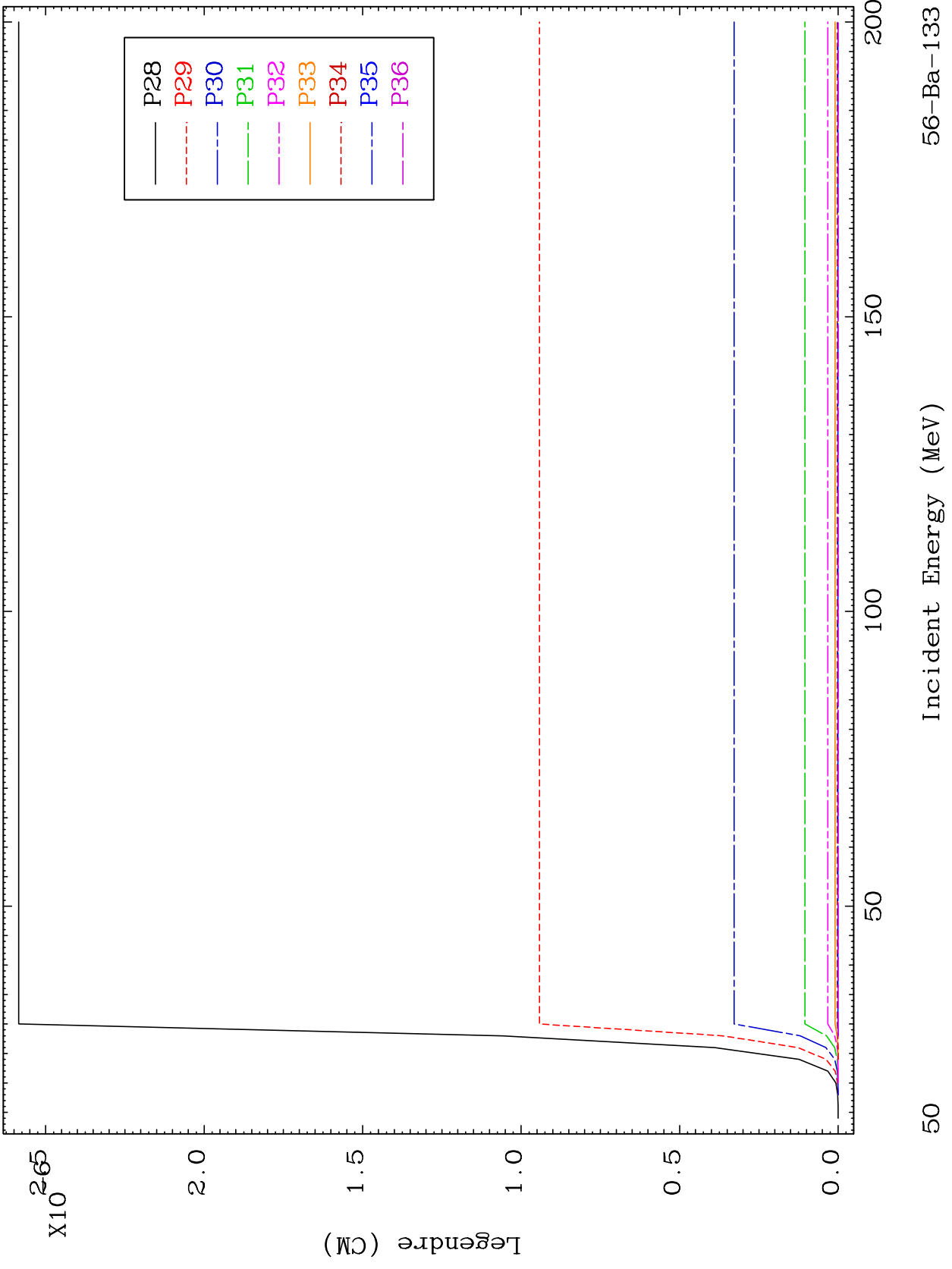




MAT 5634

791.1 keV (n,n') Level
Legendre Coefficients

56-Ba-133



56-Ba-133

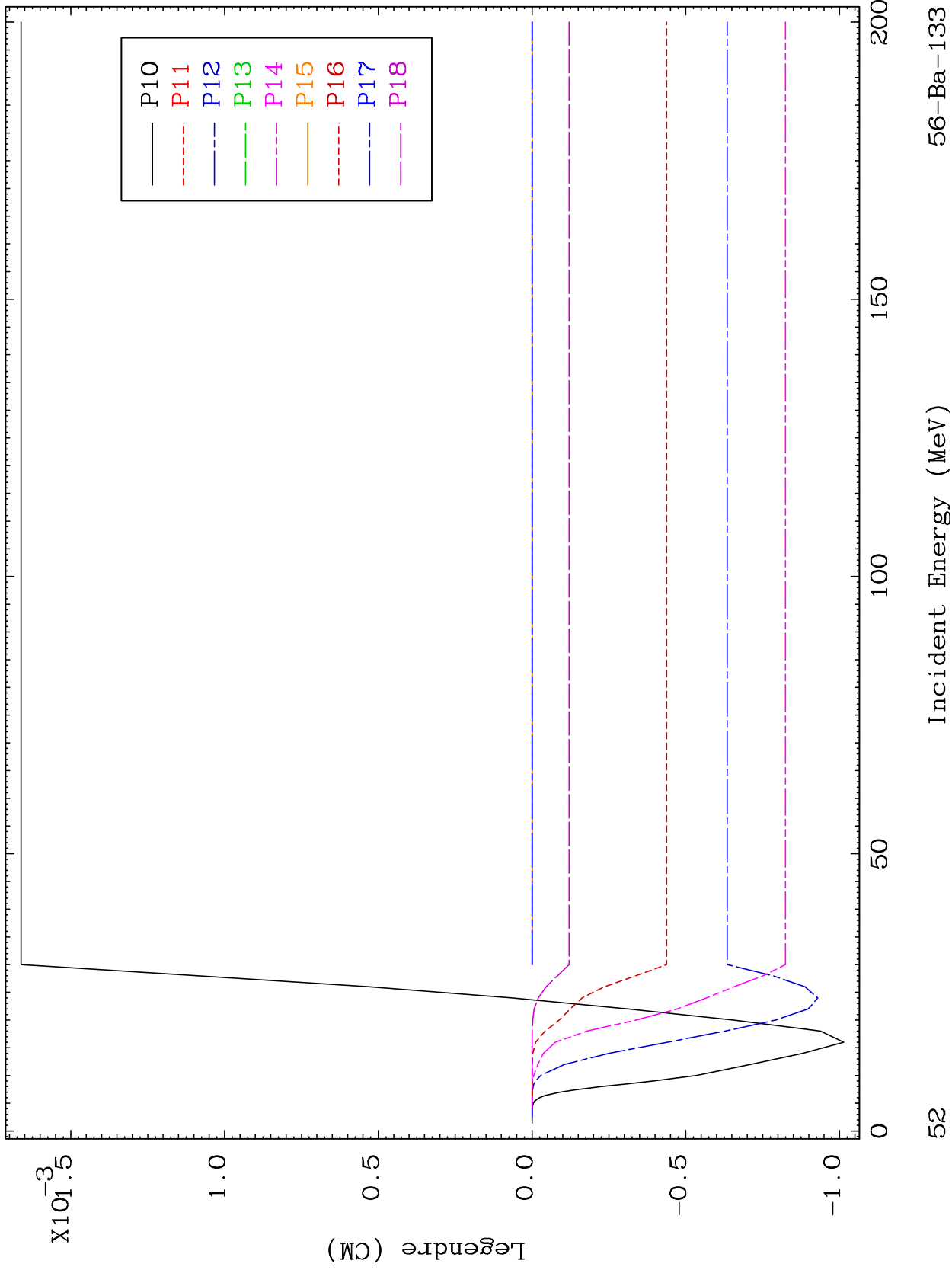
Incident Energy (MeV)

50

MAT 5634

858.5 keV (n, n') Level
Legendre Coefficients

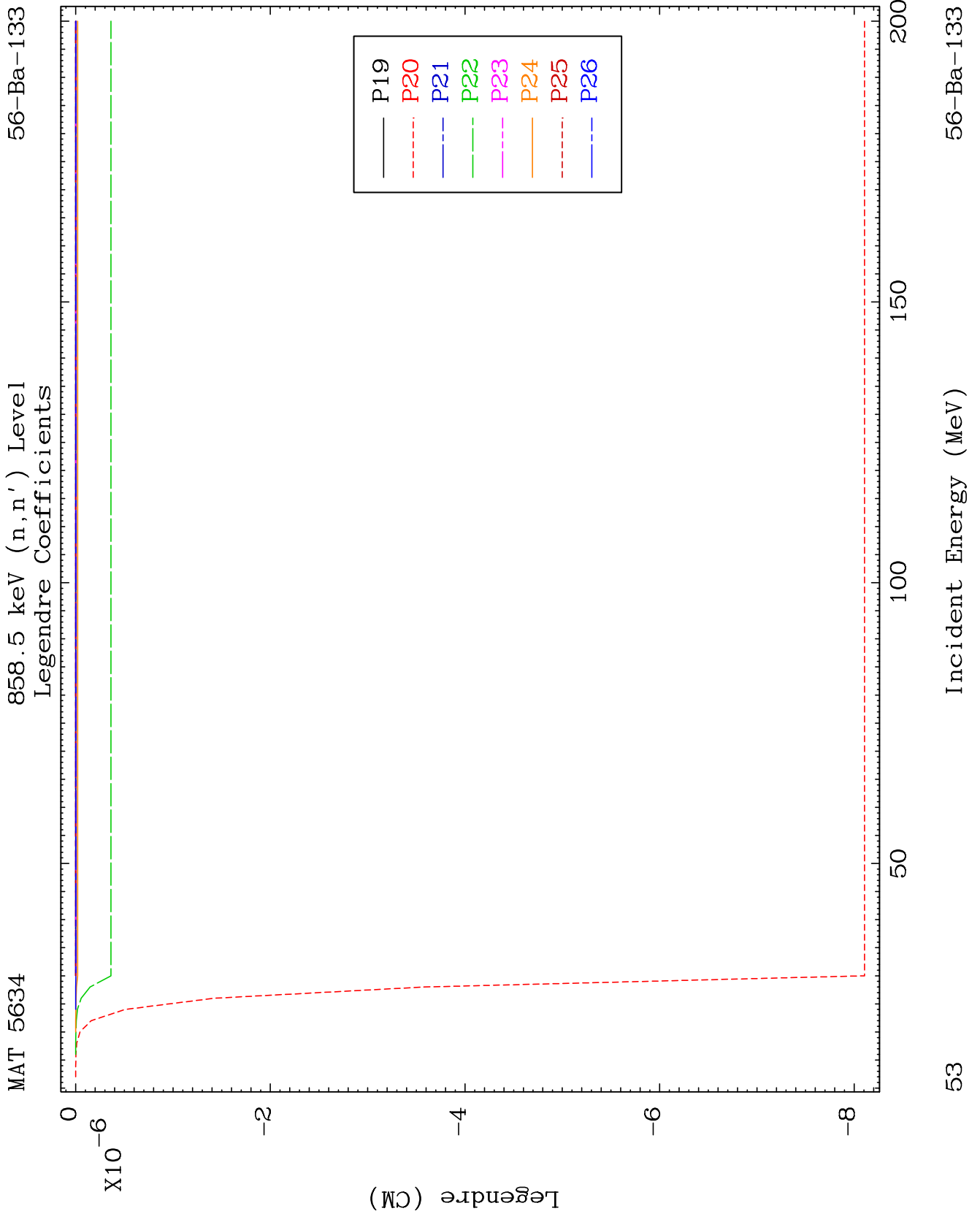
56-Ba-133



52

Incident Energy (MeV)

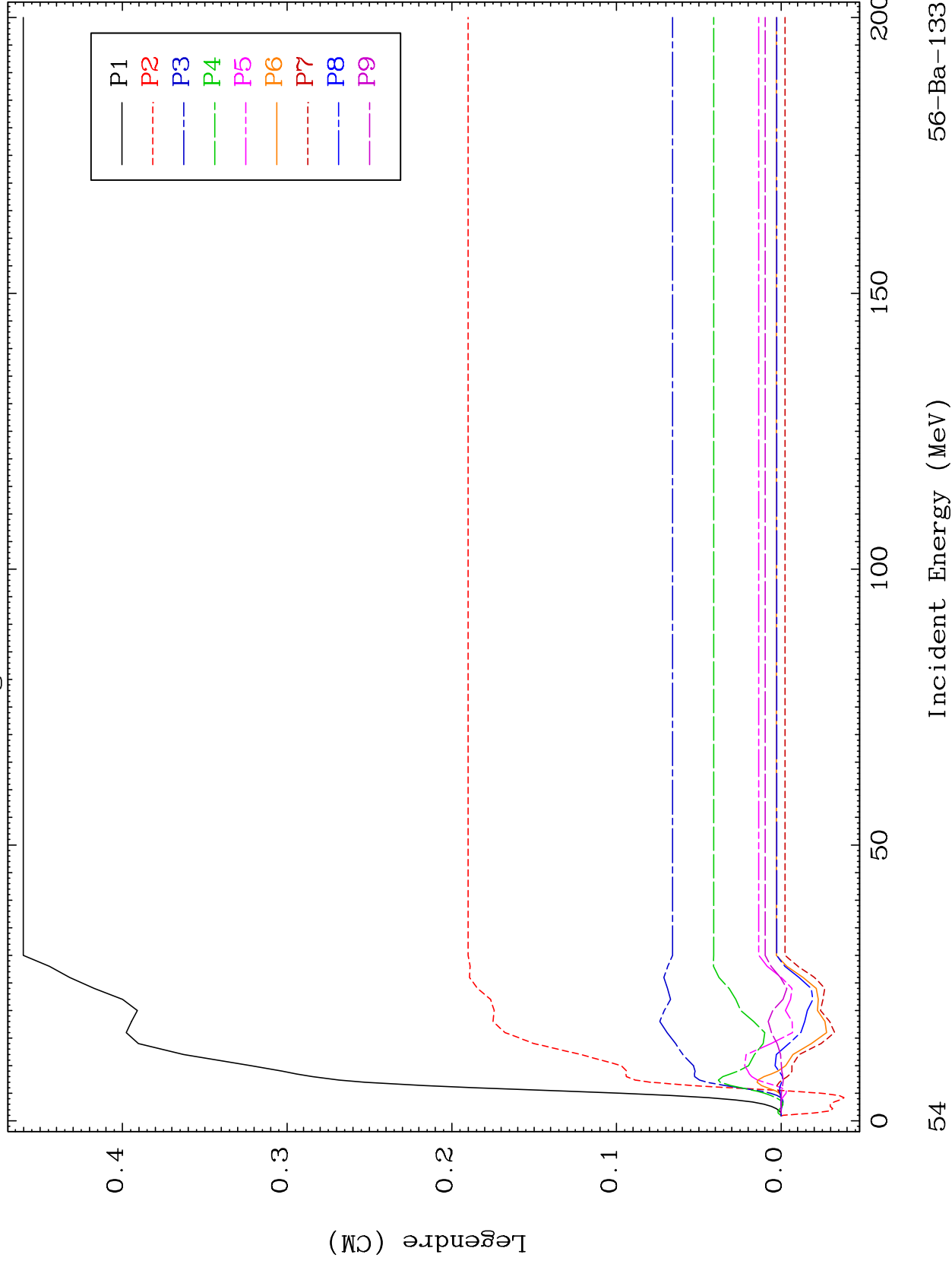
56-Ba-133



MAT 5634

862.8 keV (n,n') Level
Legendre Coefficients

56-Ba-133



56-Ba-133

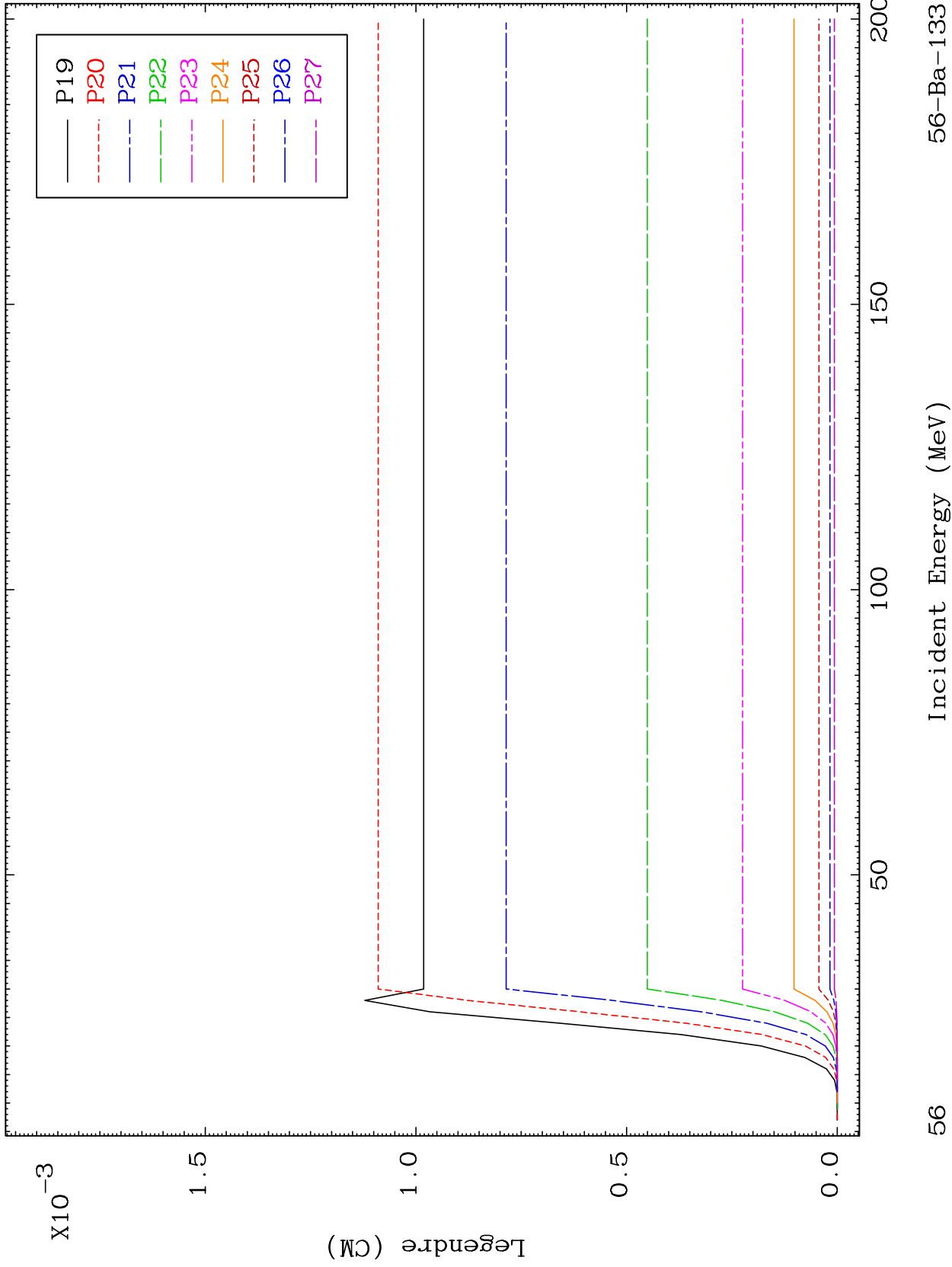
Incident Energy (MeV)

54

MAT 5634

862.8 keV (n,n') Level
Legendre Coefficients

56-Ba-133



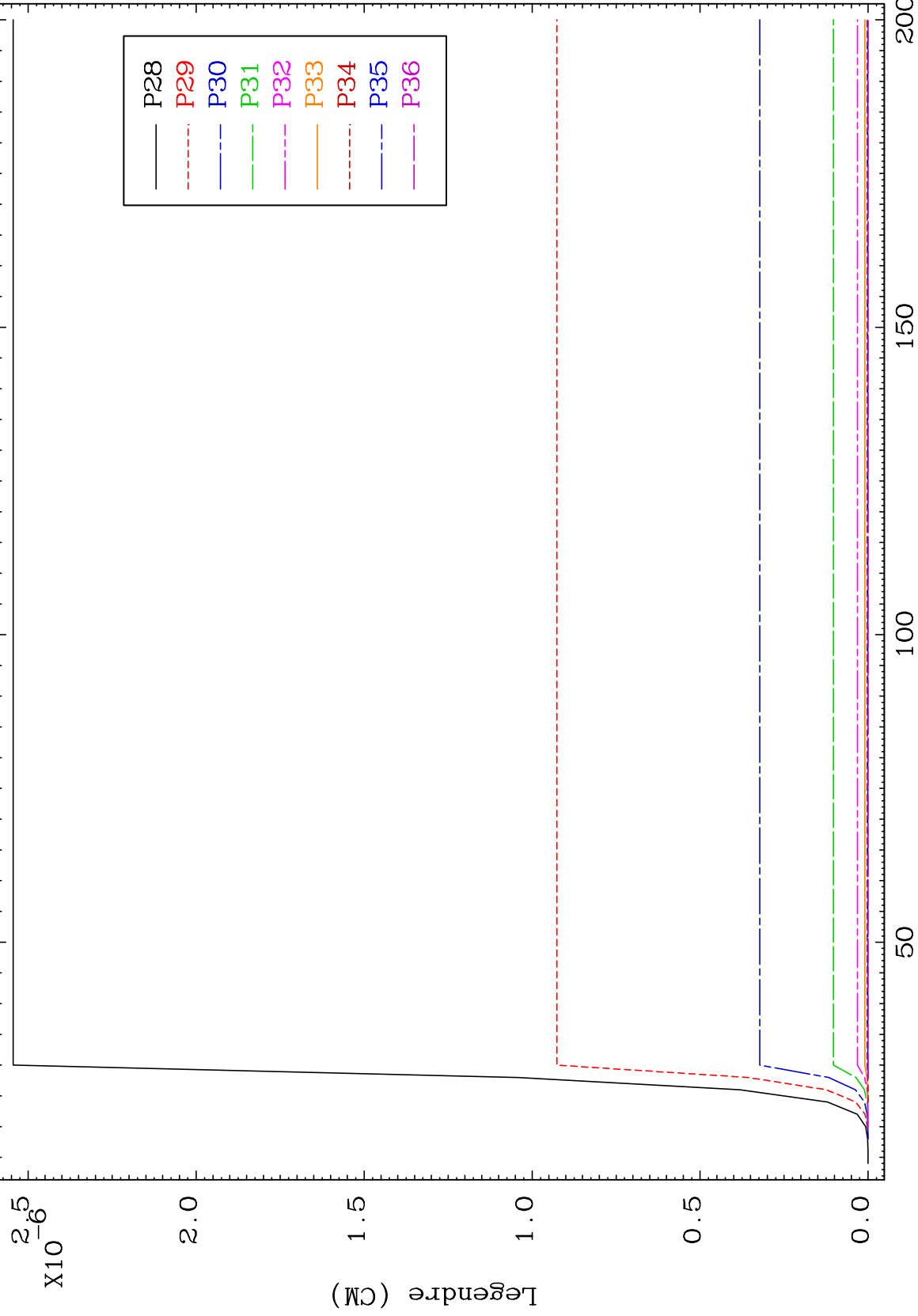
56

56-Ba-133

MAT 5634

862.8 keV (n,n') Level
Legendre Coefficients

56-Ba-133



57

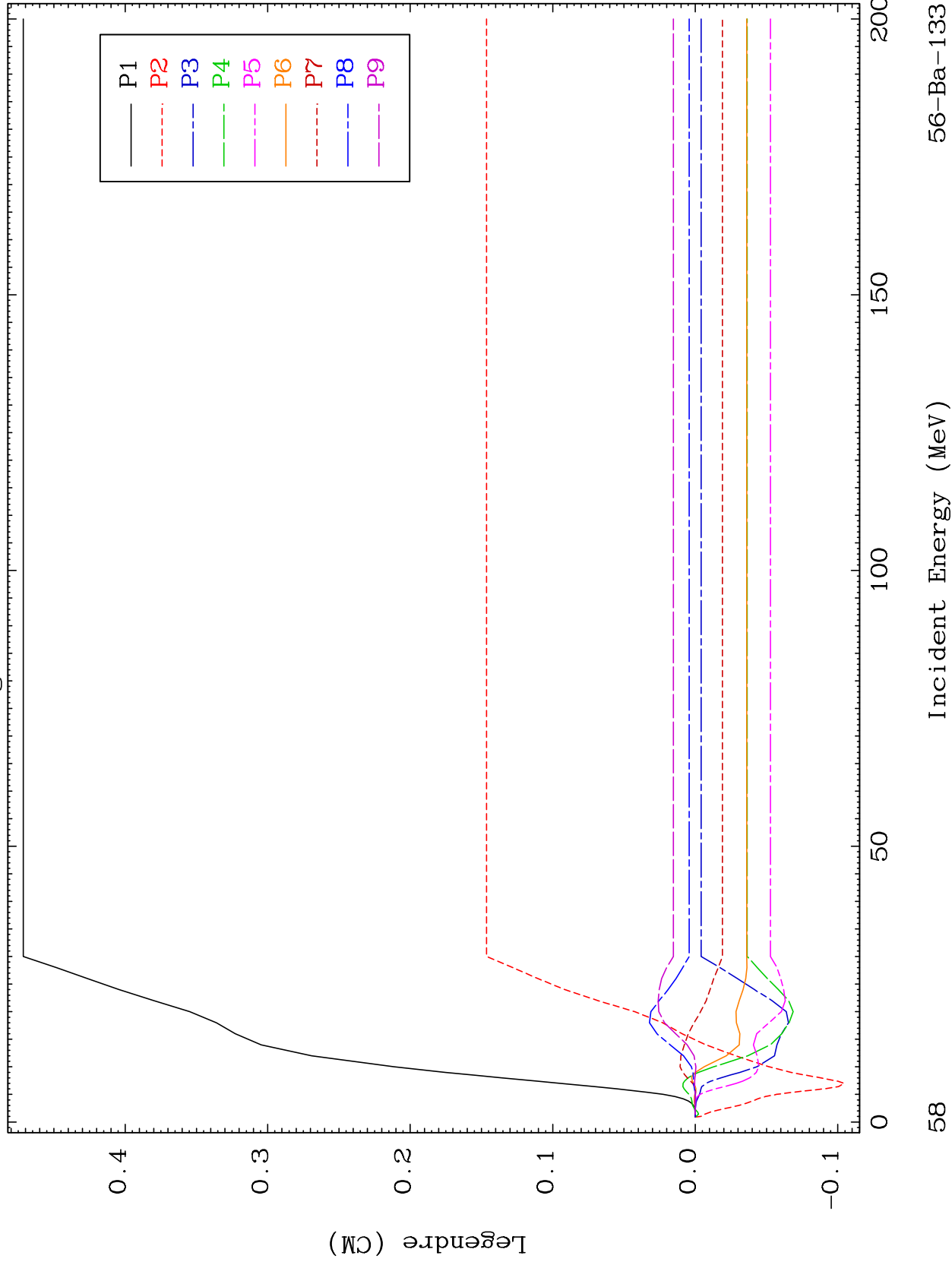
Incident Energy (MeV)

56-Ba-133

MAT 5634

883.4 keV (n,n') Level
Legendre Coefficients

56-Ba-133



56-Ba-133

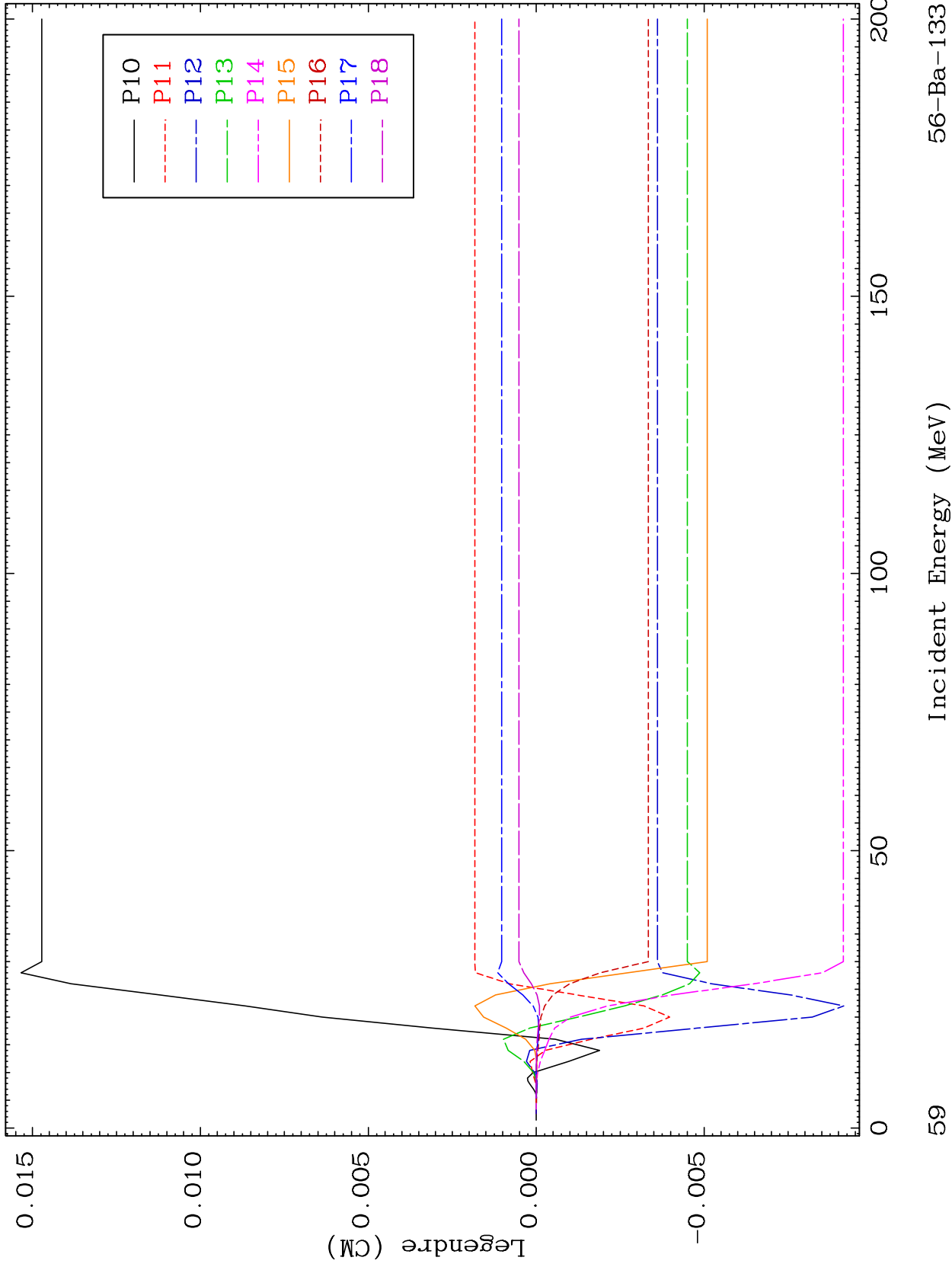
Incident Energy (MeV)

58

MAT 5634

883.4 keV (n,n') Level
Legendre Coefficients

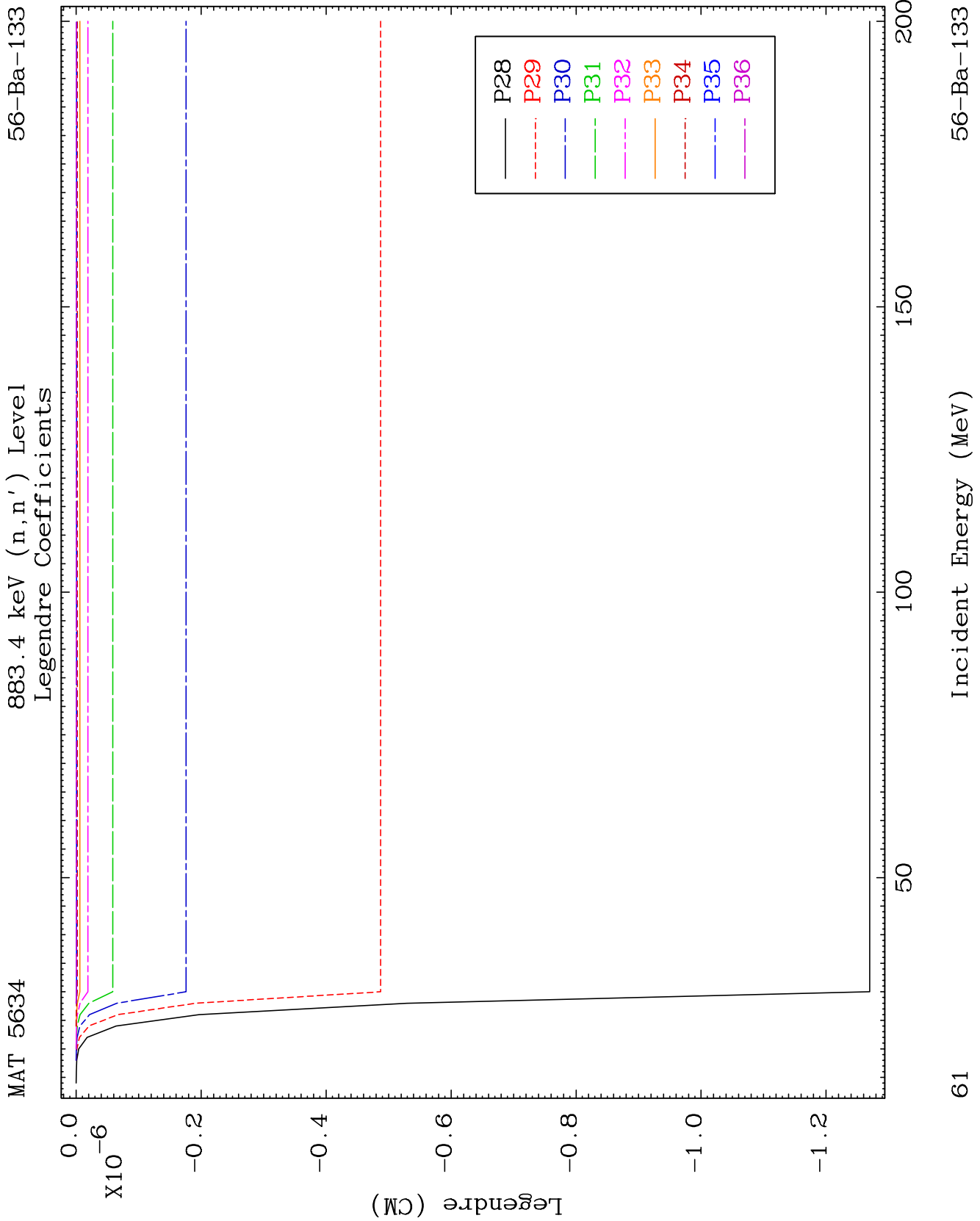
56-Ba-133

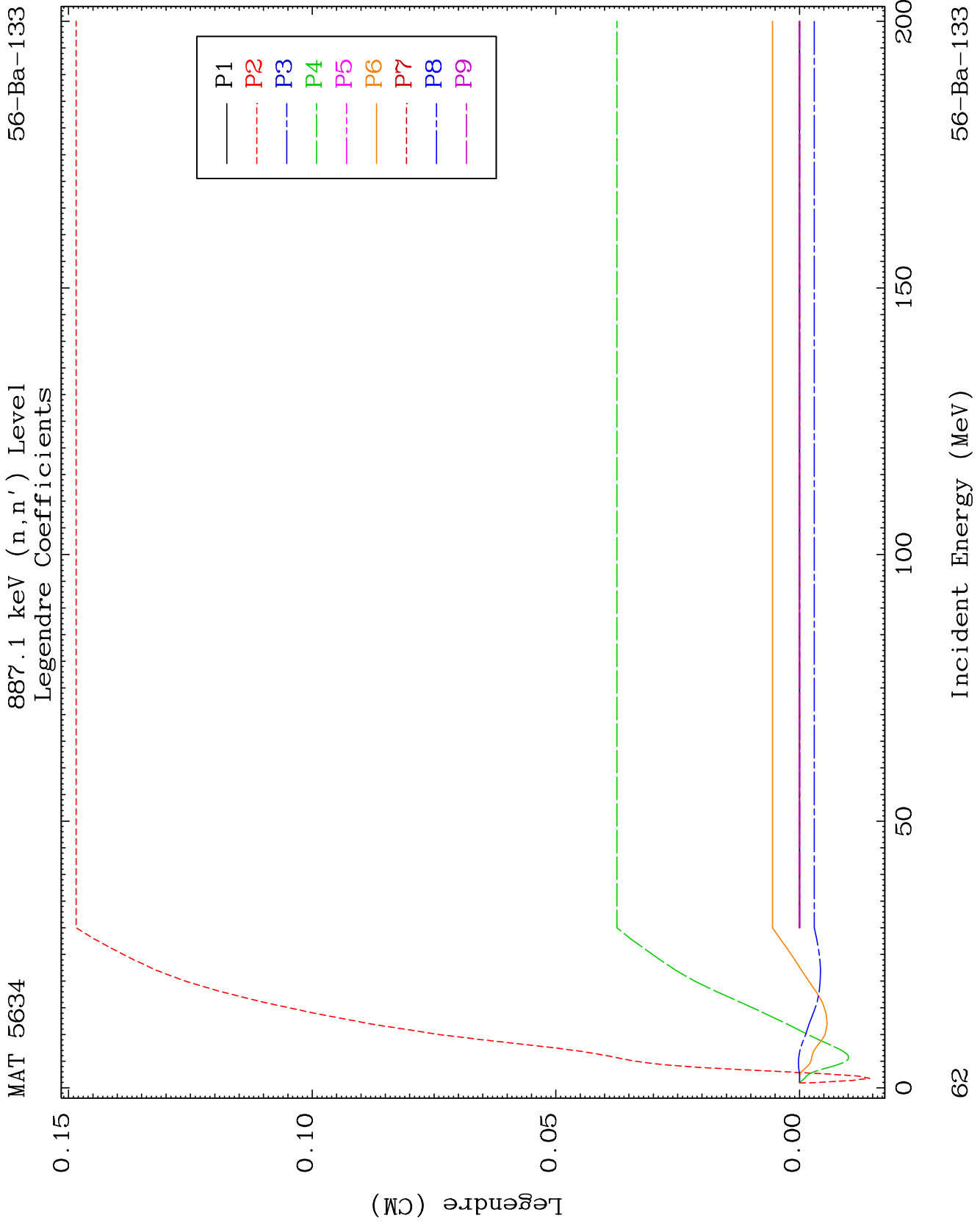


56-Ba-133

Incident Energy (MeV)

59

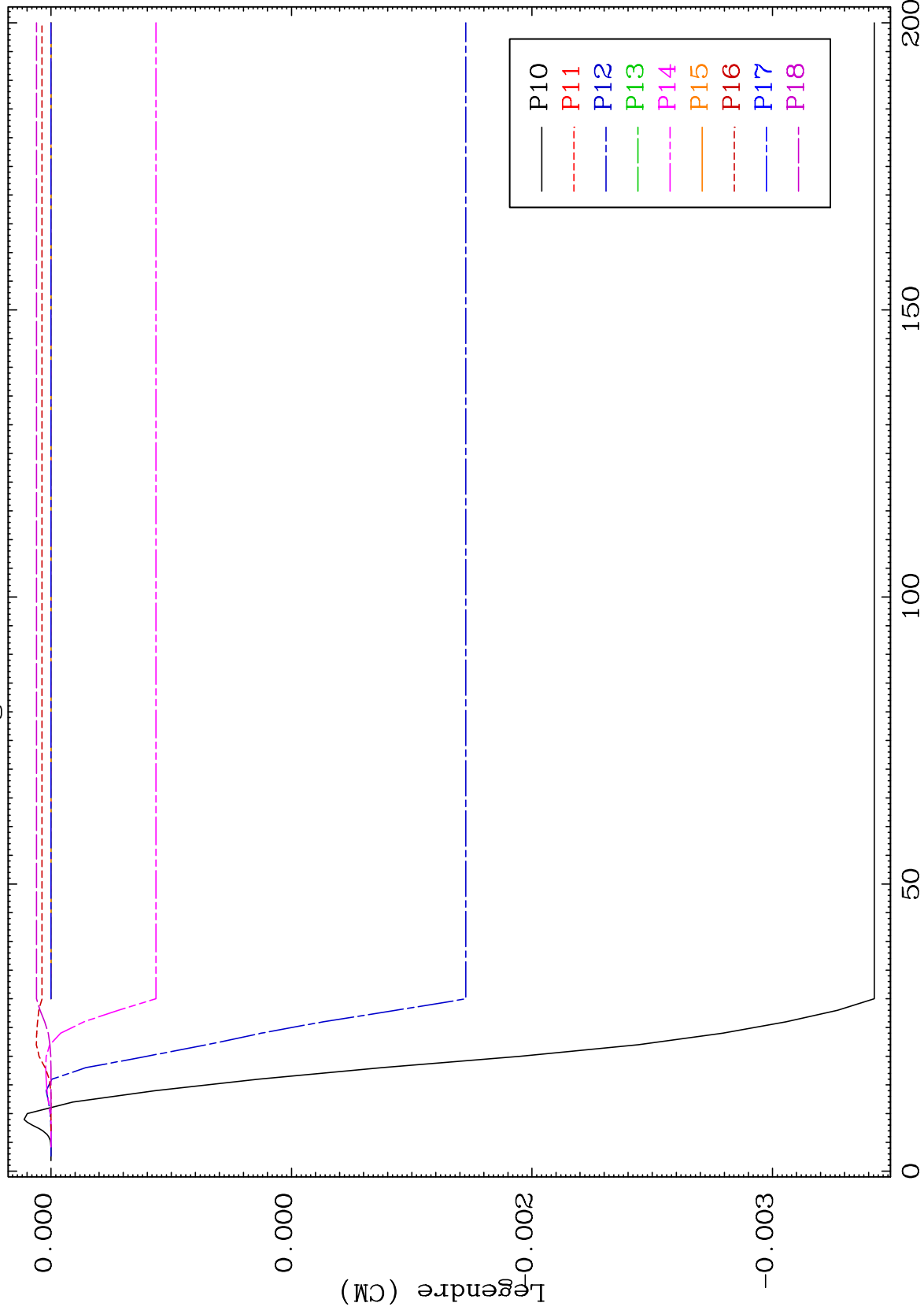




MAT 5634

887.1 keV (n,n') Level
Legendre Coefficients

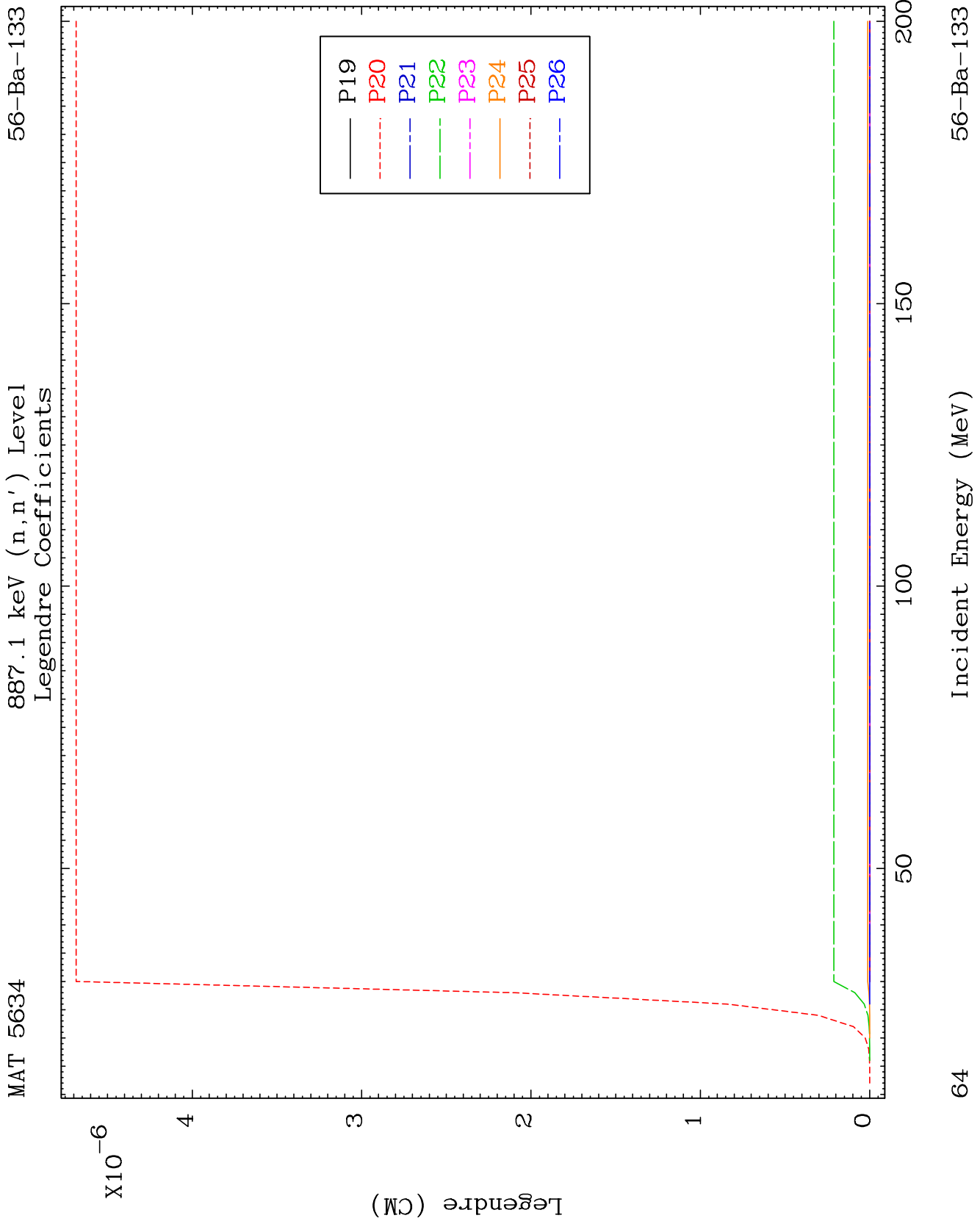
56-Ba-133



63

Incident Energy (MeV)

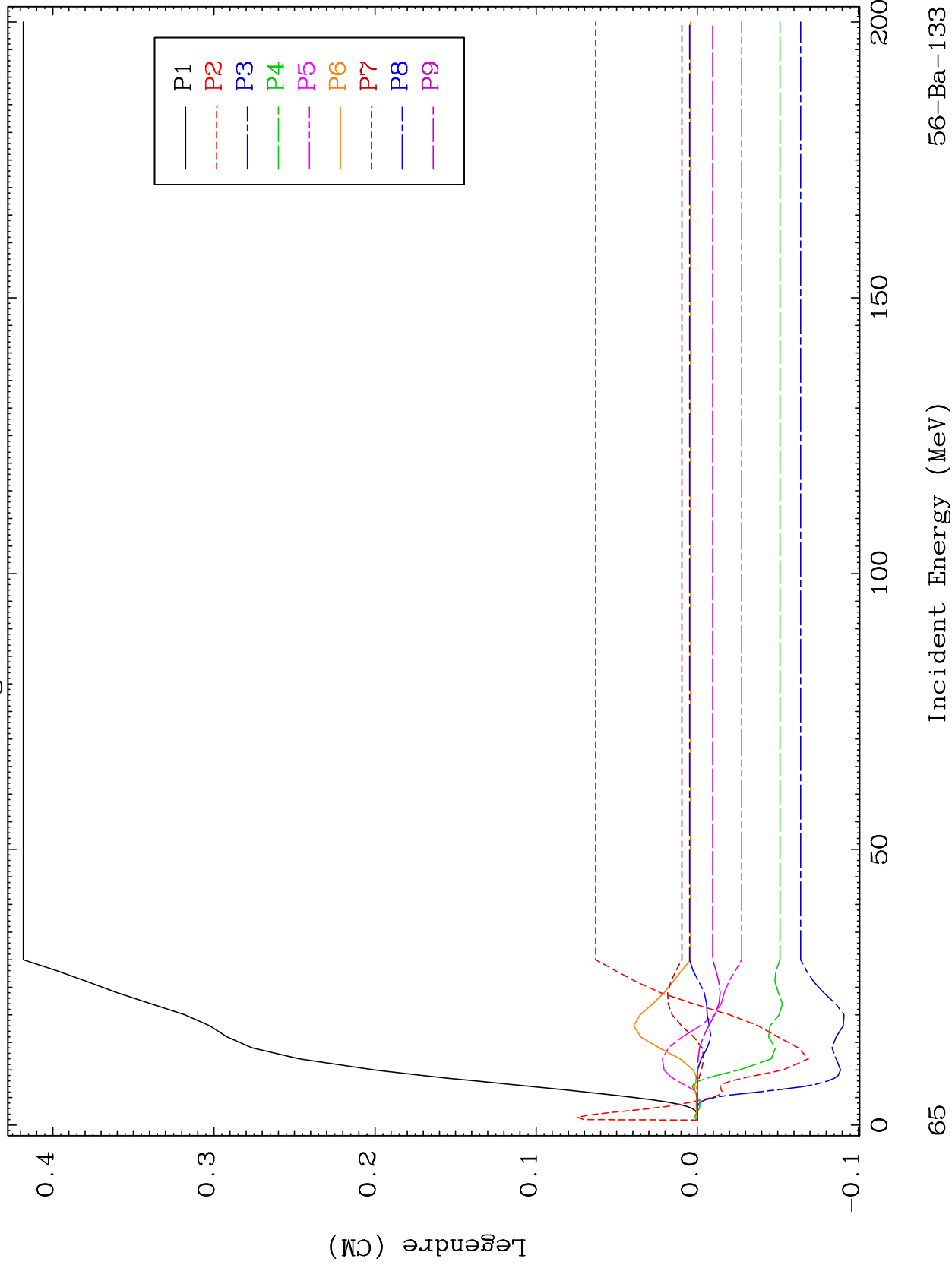
56-Ba-133



MAT 5634

901.8 keV (n,n') Level
Legendre Coefficients

56-Ba-133



56-Ba-133

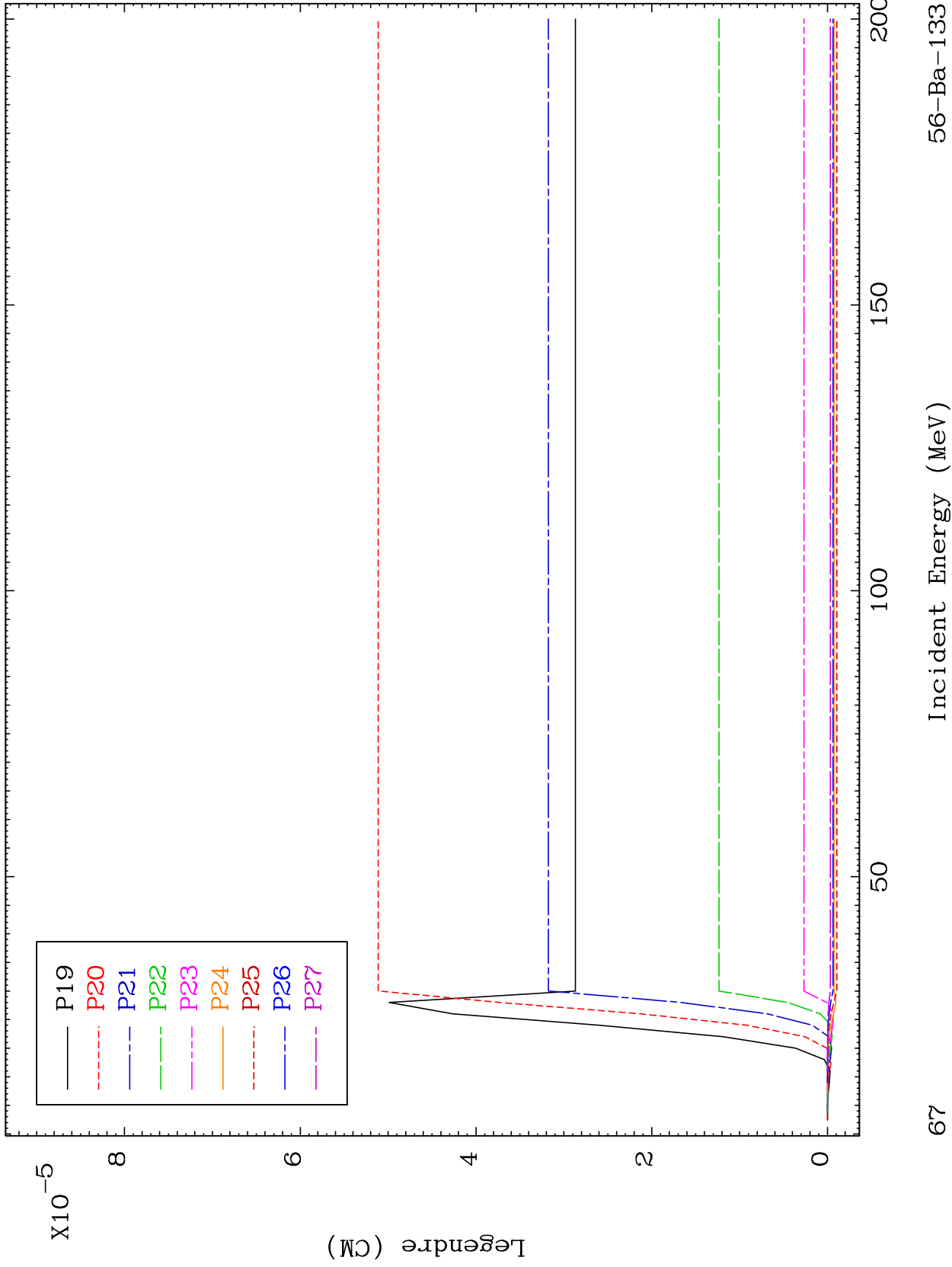
Incident Energy (MeV)

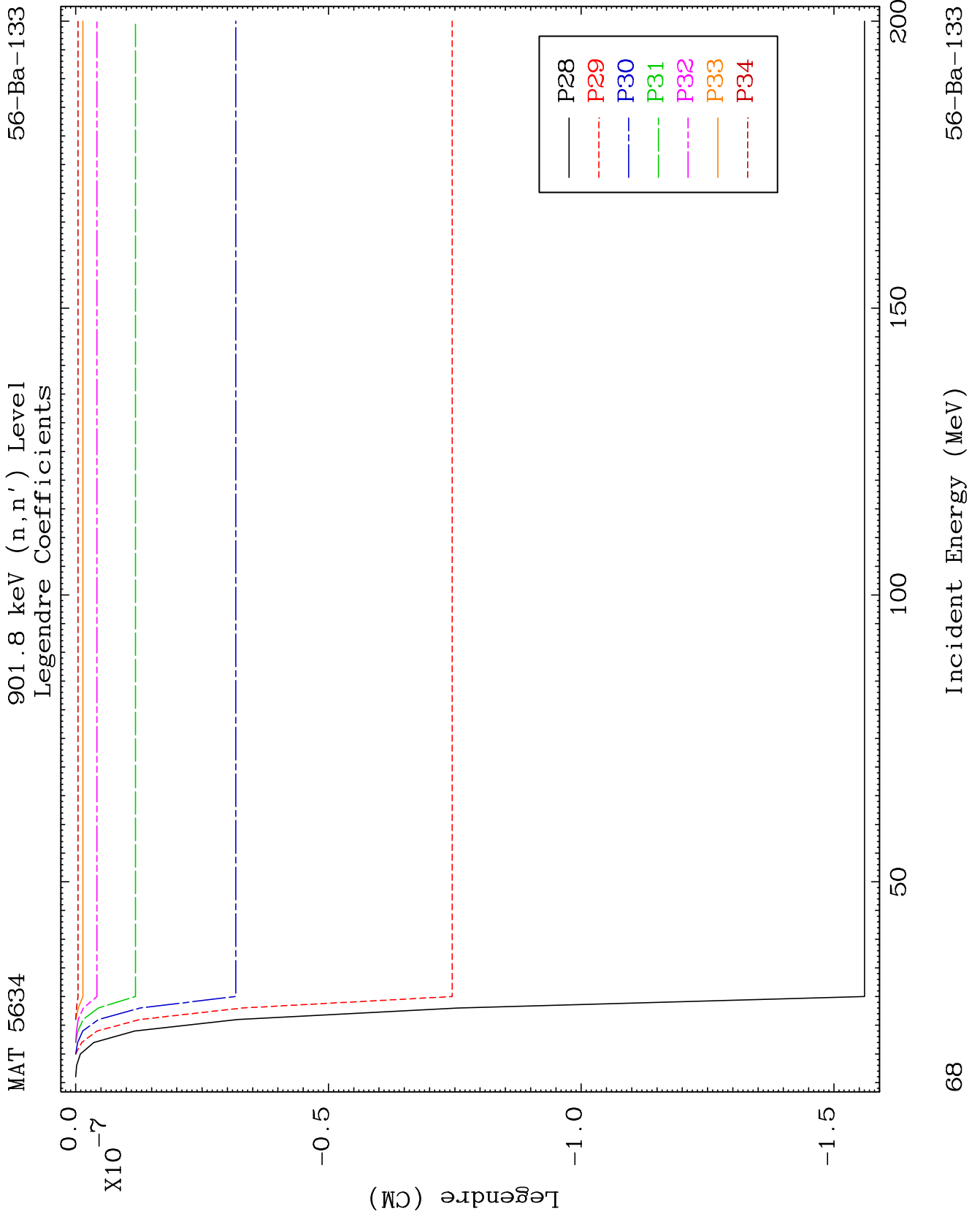
65

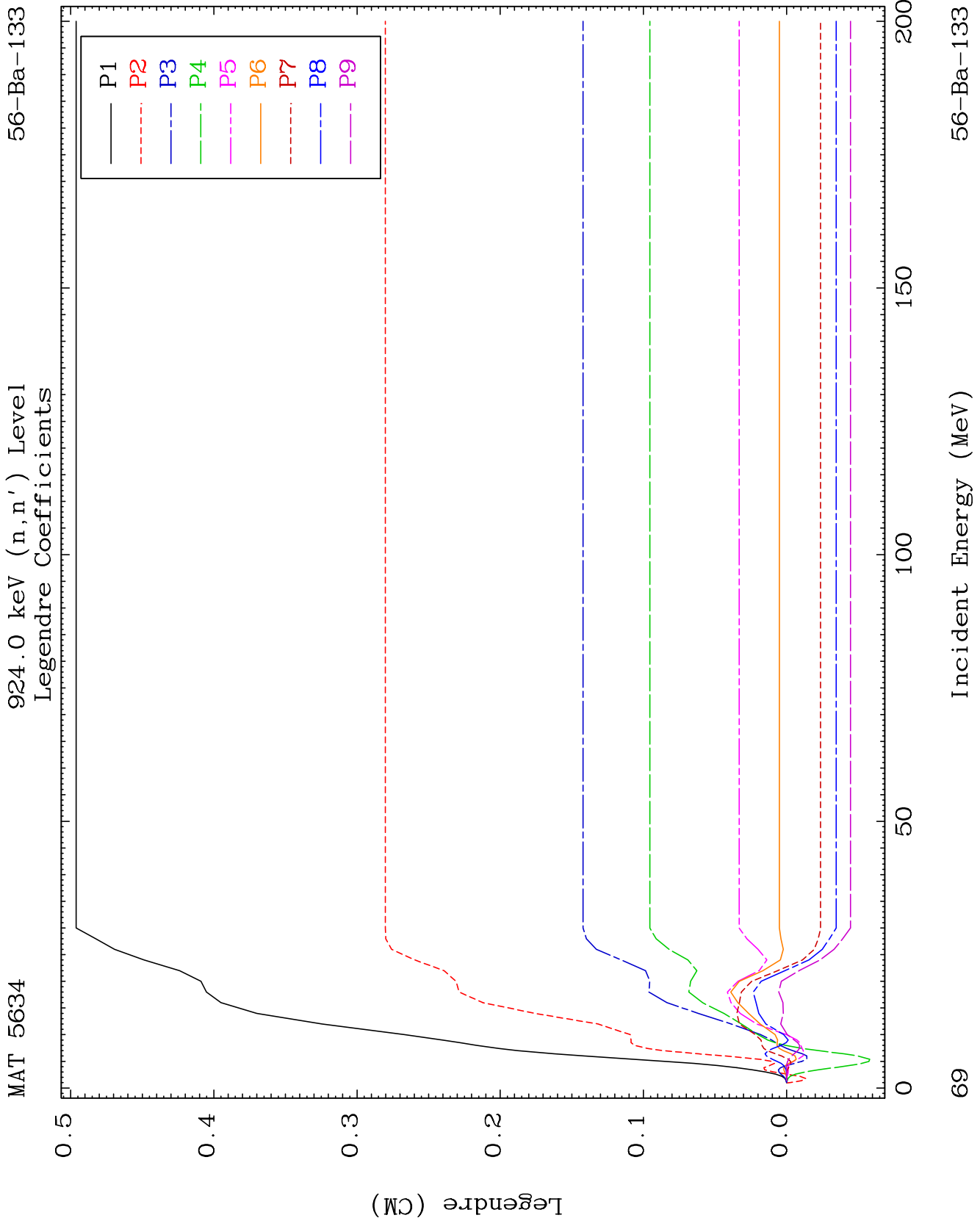
MAT 5634

901.8 keV (n, n') Level
Legendre Coefficients

56-Ba-133



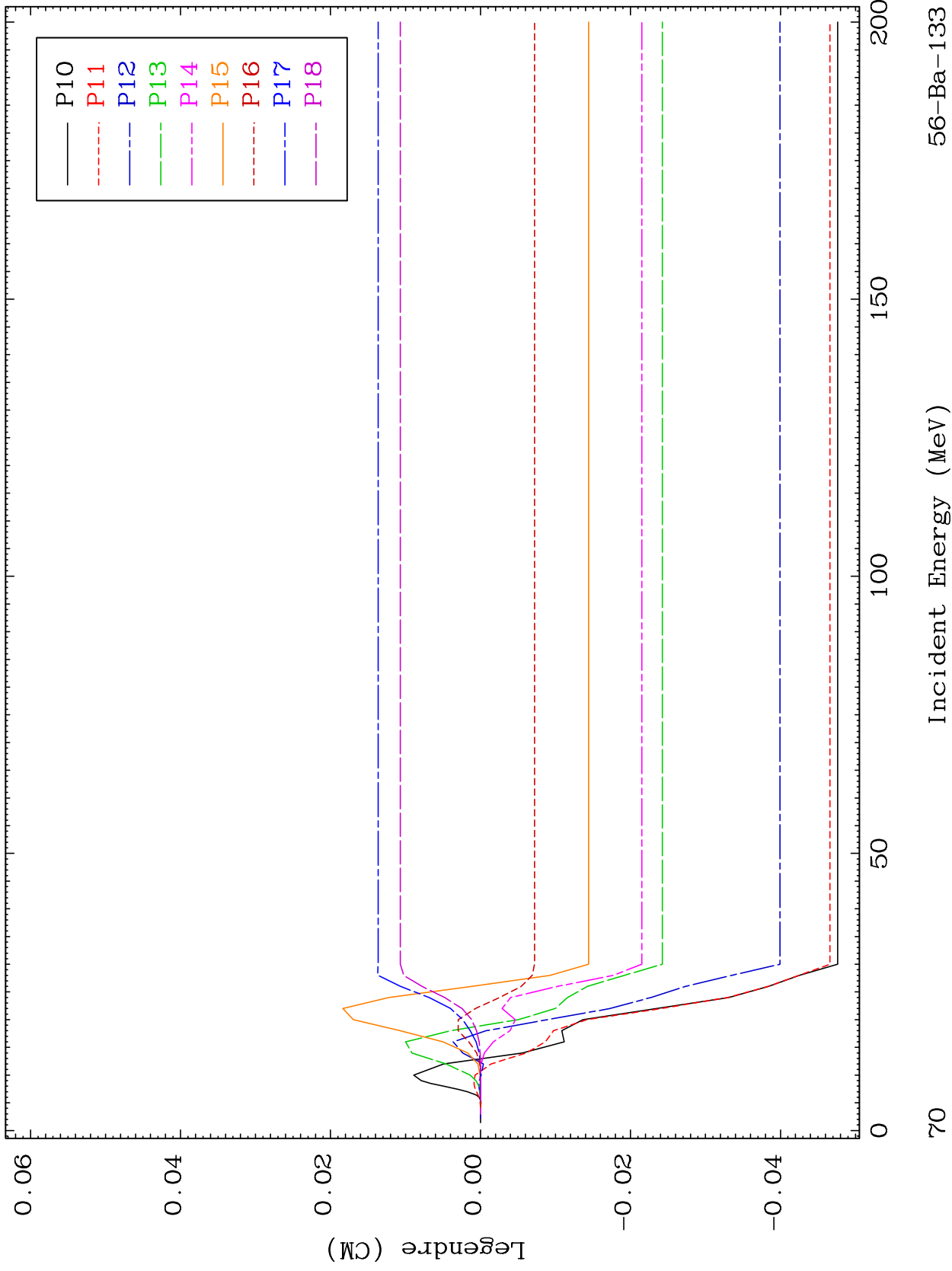




MAT 5634

924.0 keV (n,n') Level
Legendre Coefficients

56-Ba-133



70

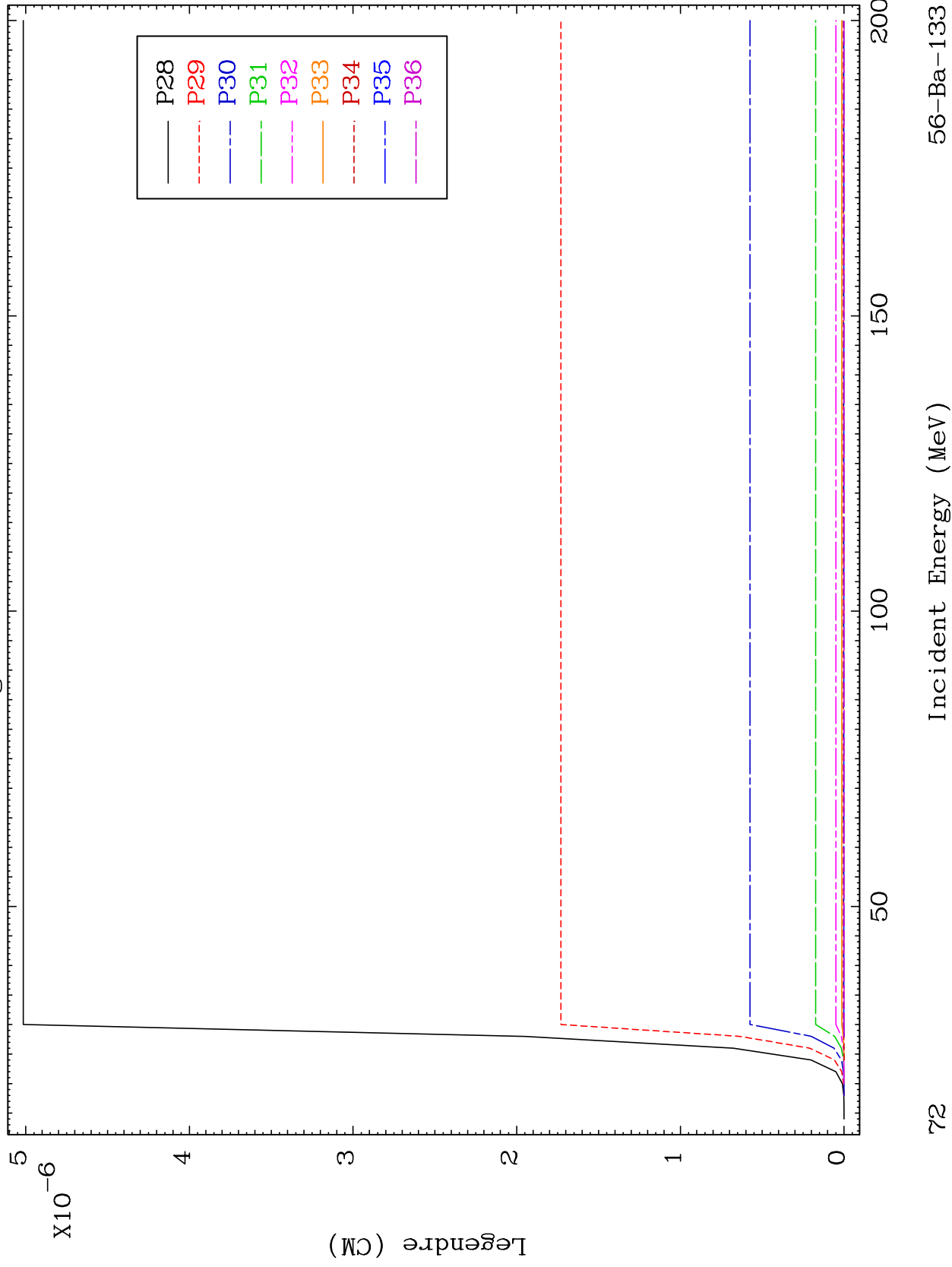
Incident Energy (MeV)

56-Ba-133

MAT 5634

924.0 keV (n, n') Level
Legendre Coefficients

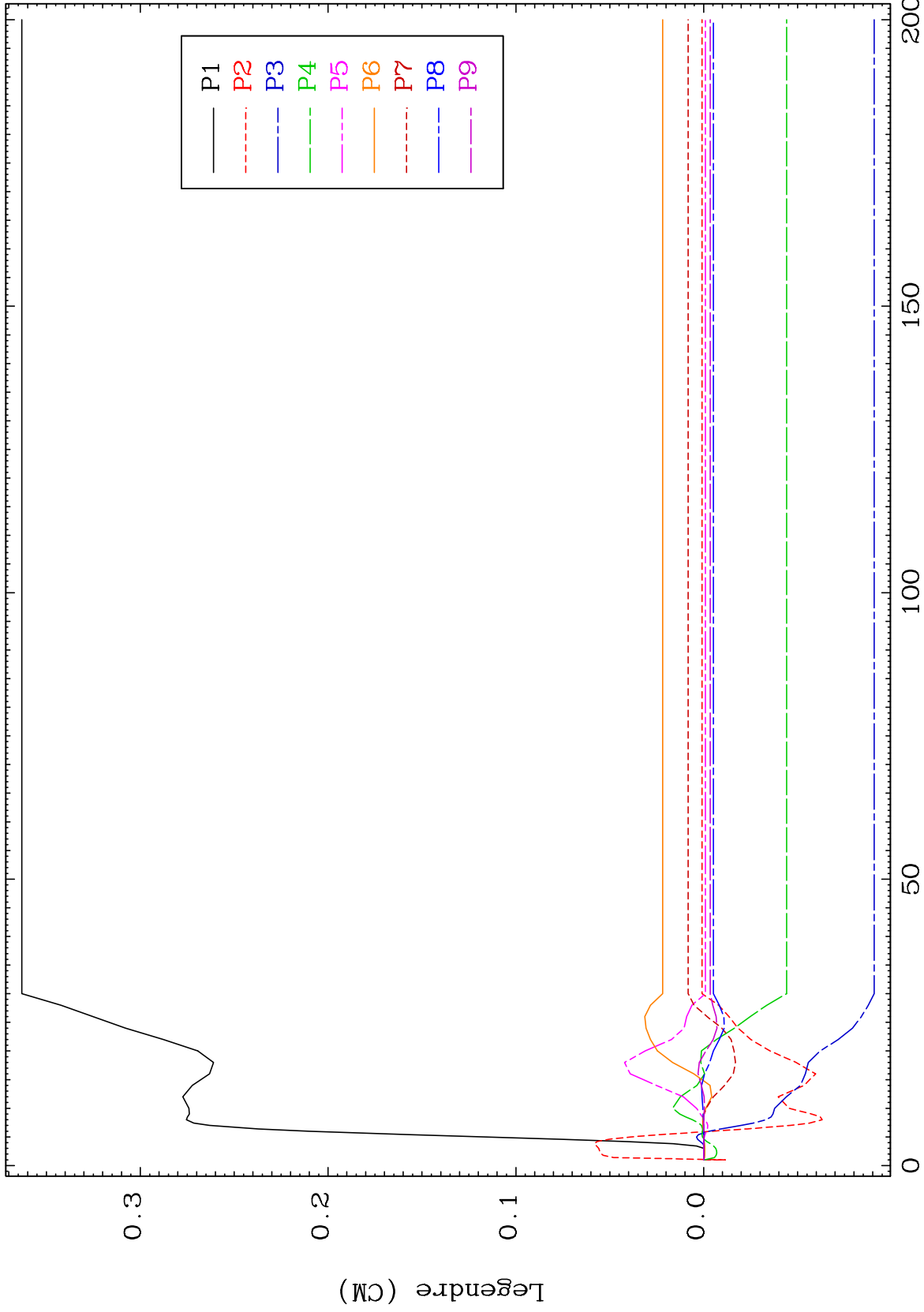
56-Ba-133



MAT 5634

969.0 keV (n,n') Level
Legendre Coefficients

56-Ba-133



73

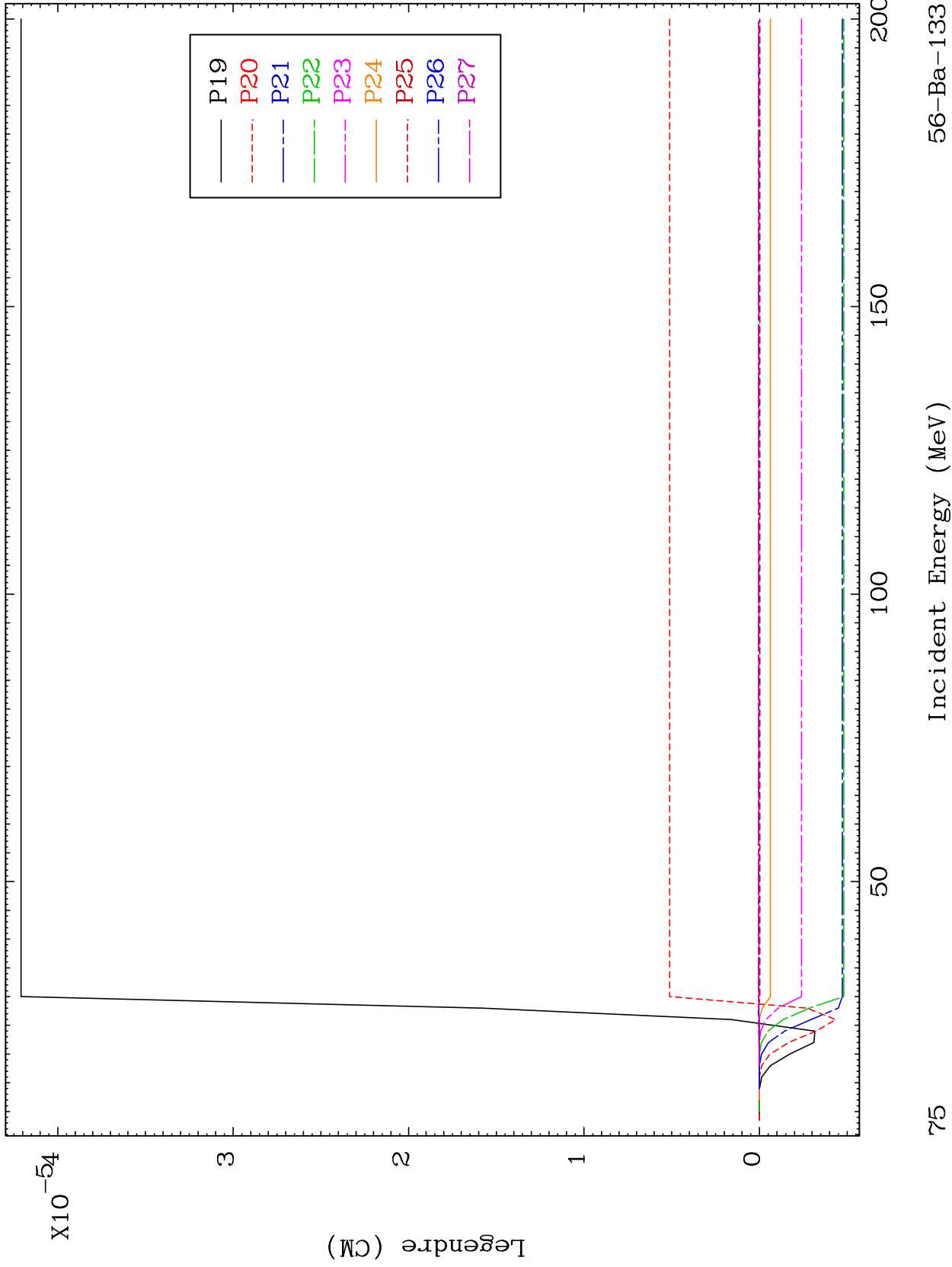
Incident Energy (MeV)

56-Ba-133

MAT 5634

969.0 keV (n,n') Level
Legendre Coefficients

56-Ba-133



56-Ba-133

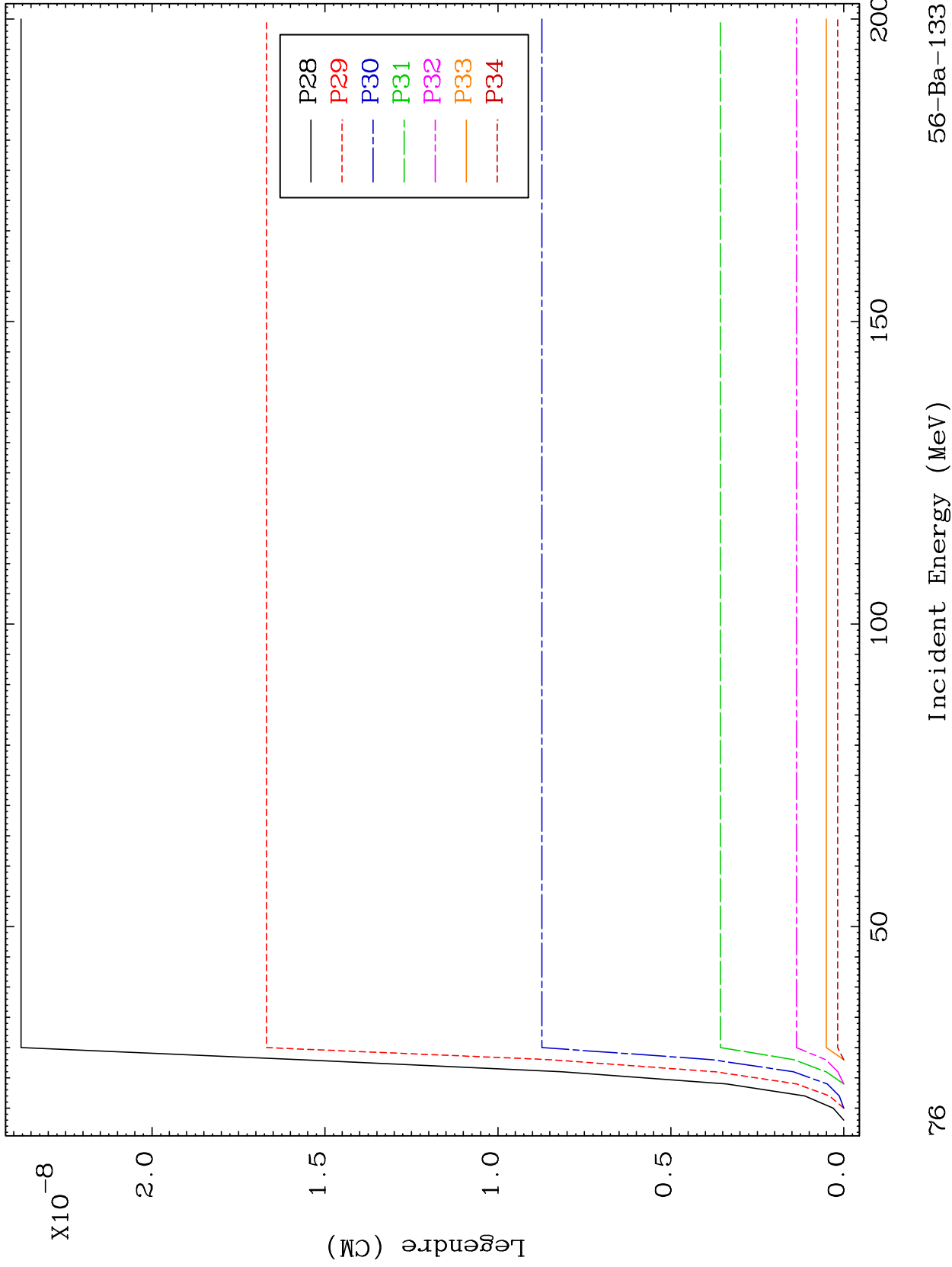
Incident Energy (MeV)

75

MAT 5634

969.0 keV (n,n') Level
Legendre Coefficients

56-Ba-133



76

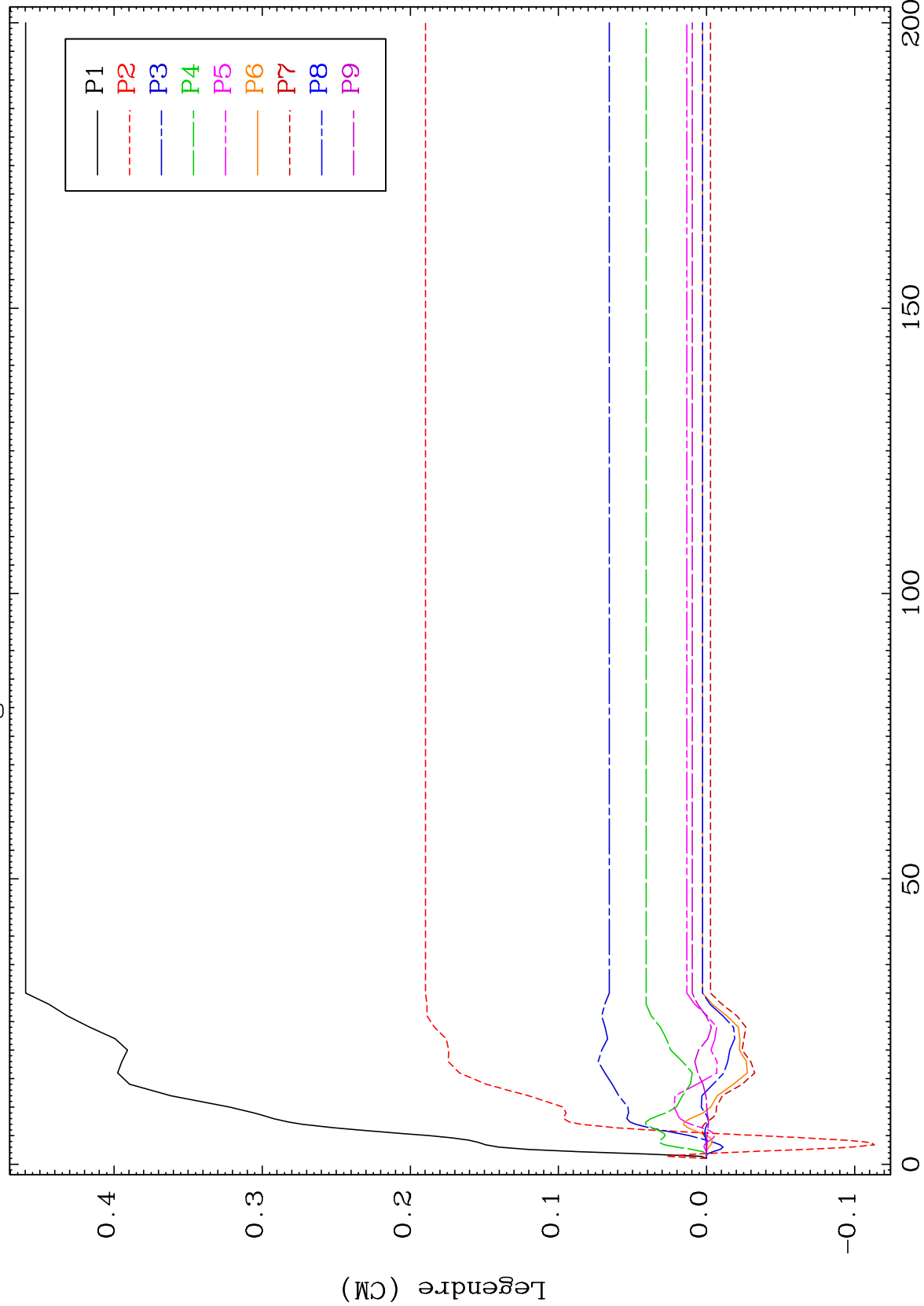
Incident Energy (MeV)

56-Ba-133

MAT 5634

995.5 keV (n,n') Level
Legendre Coefficients

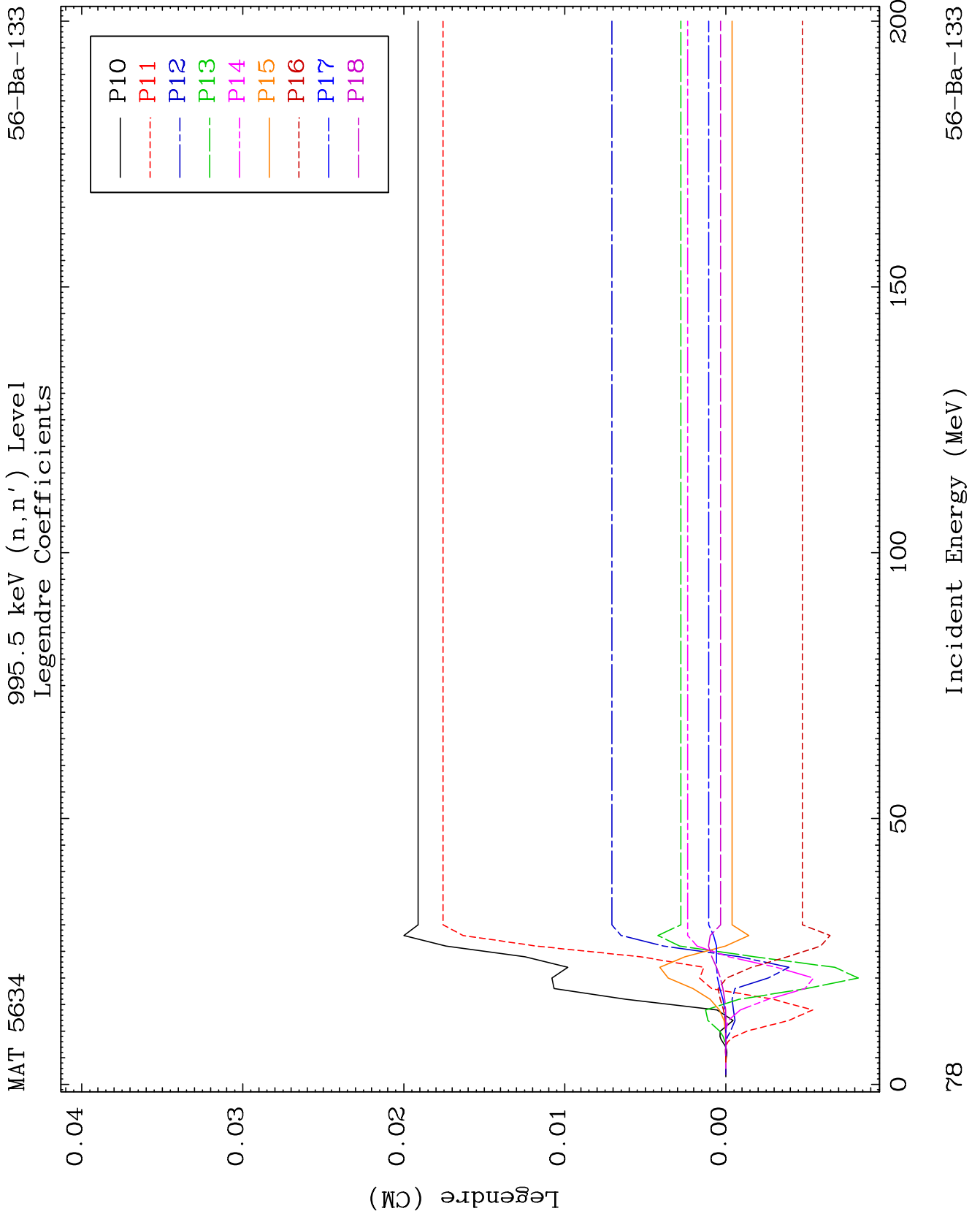
56-Ba-133



56-Ba-133

Incident Energy (MeV)

77



56-Ba-133

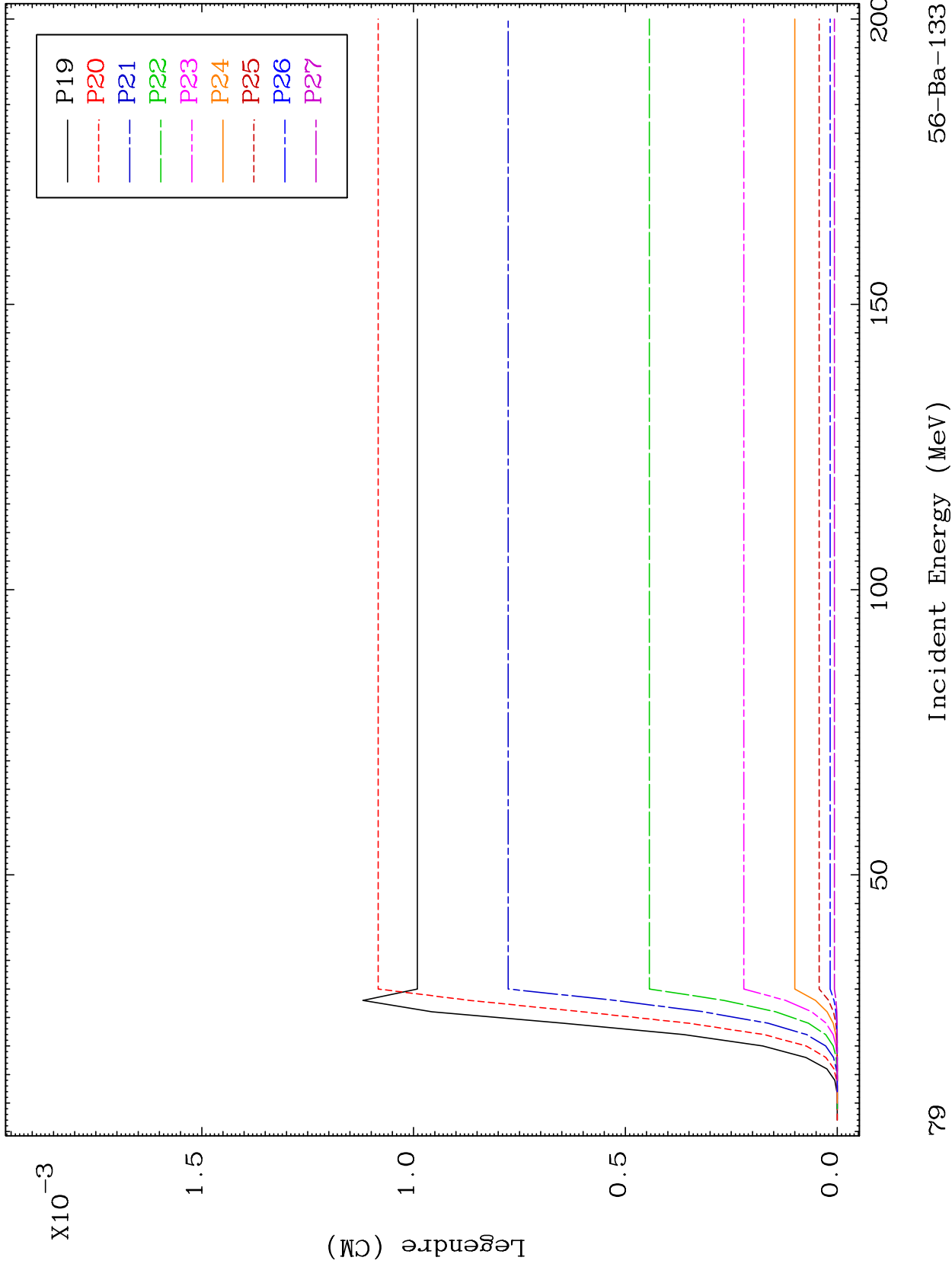
Incident Energy (MeV)

78

MAT 5634

995.5 keV (n,n') Level
Legendre Coefficients

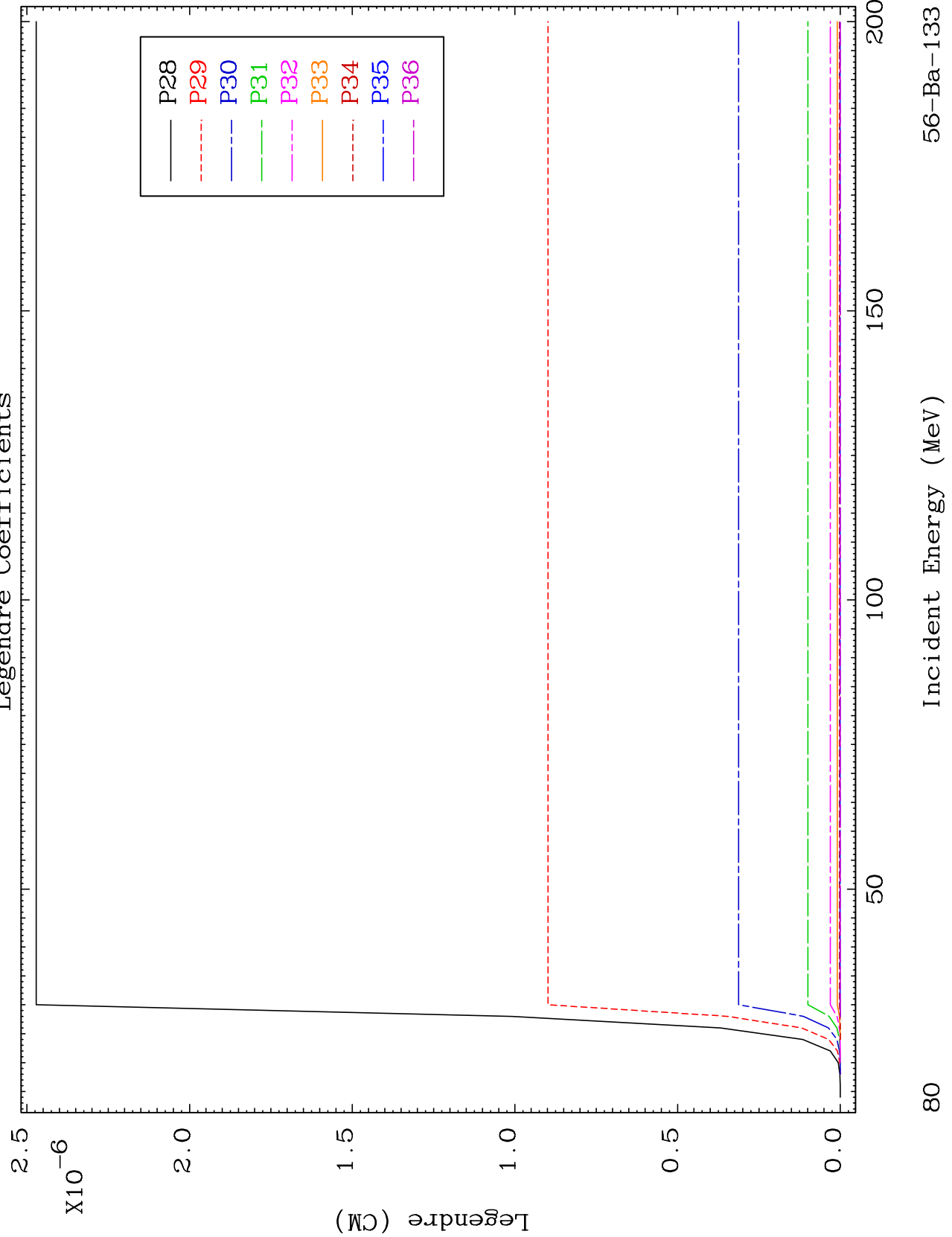
56-Ba-133

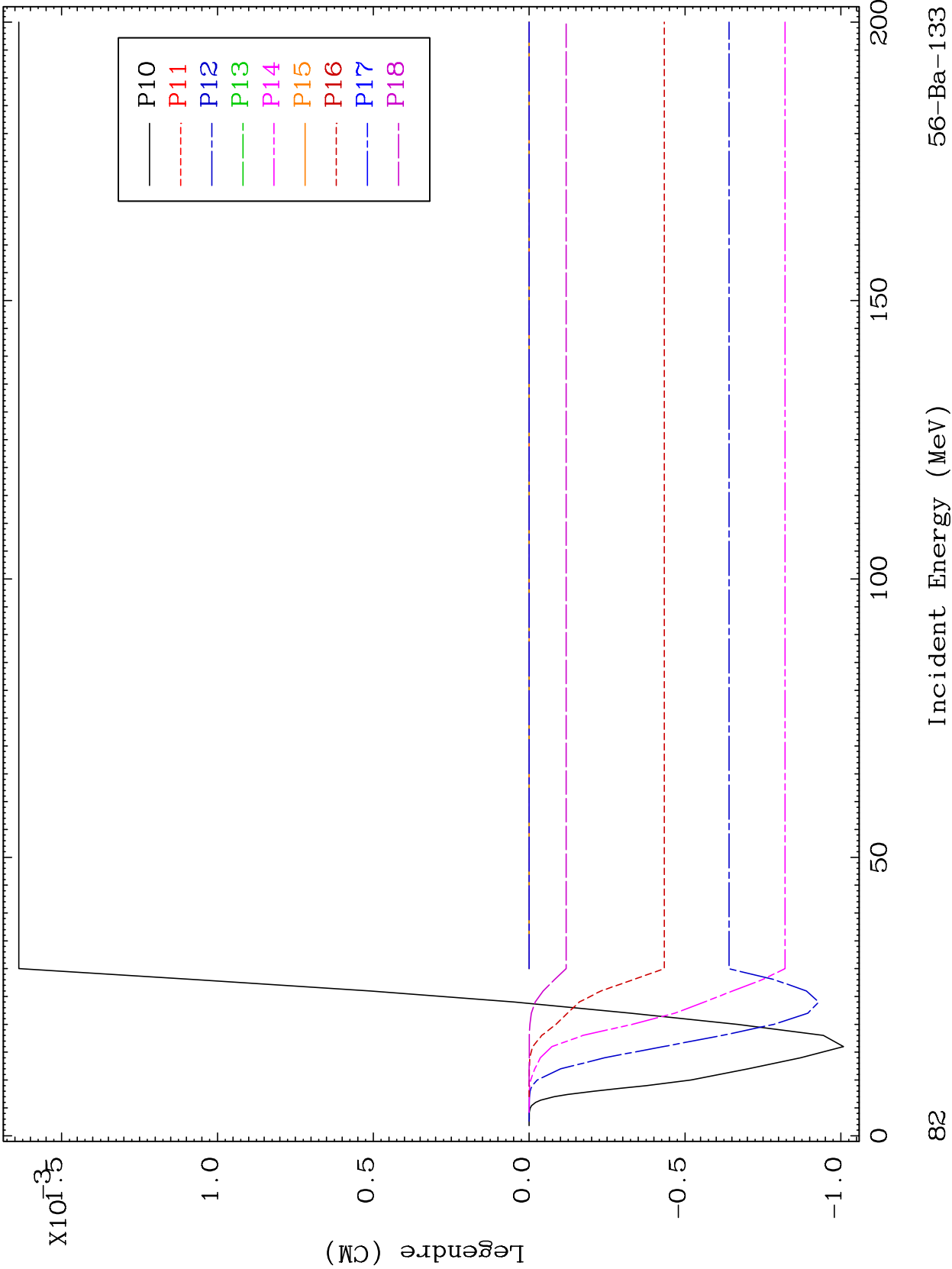


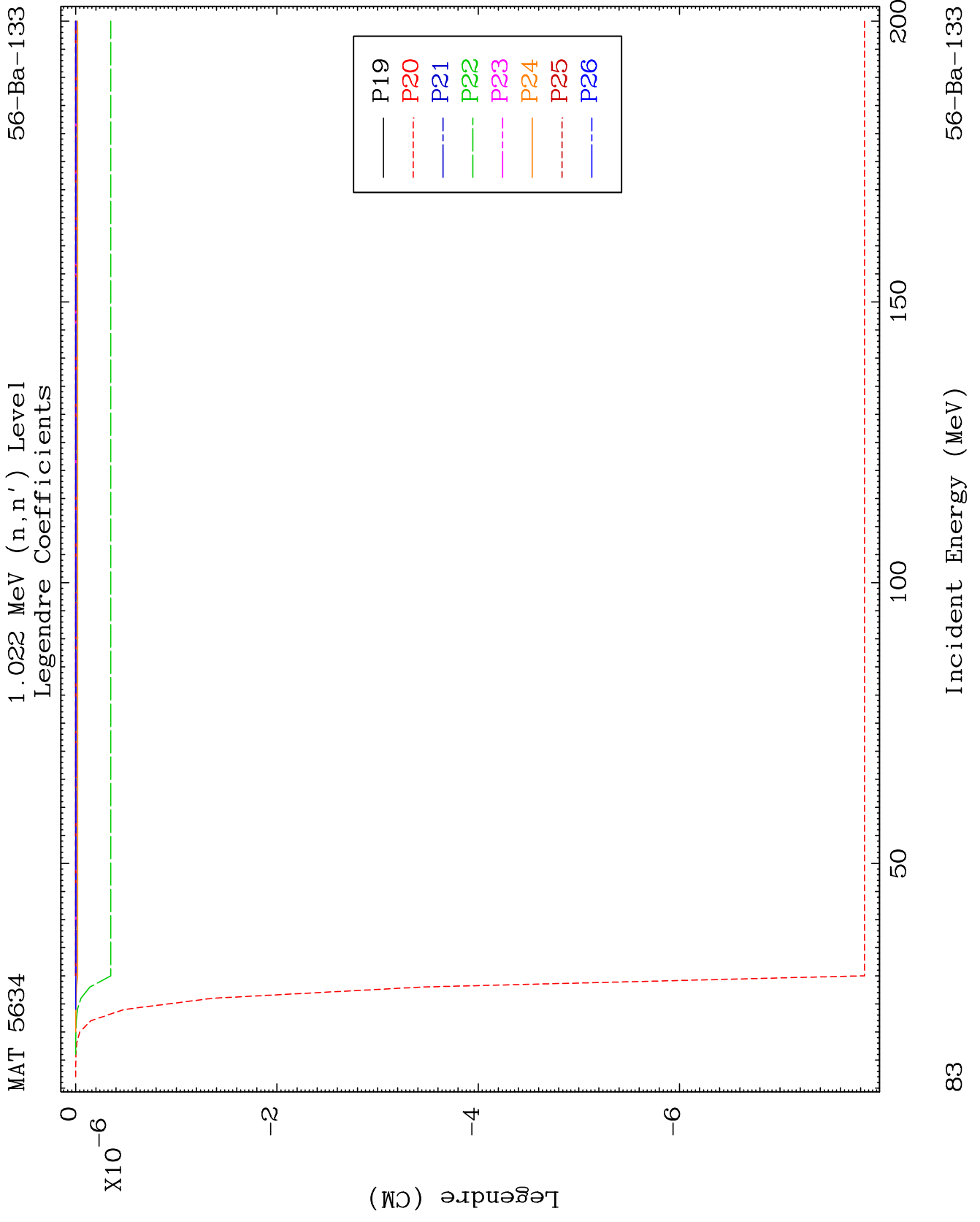
MAT 5634

995.5 keV (n, n') Level
Legendre Coefficients

56-Ba-133



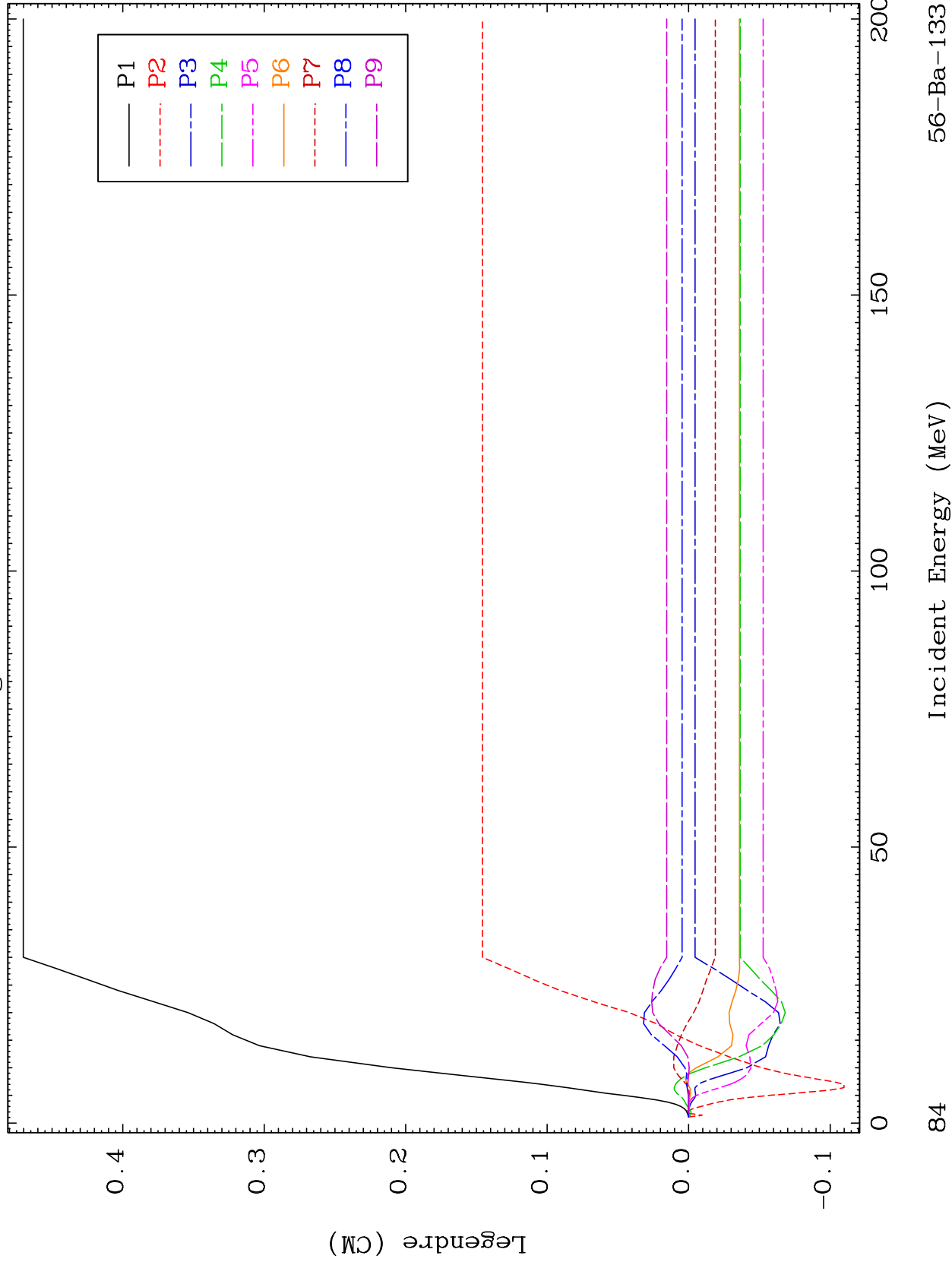




MAT 5634

1.067 MeV (n,n') Level
Legendre Coefficients

56-Ba-133



56-Ba-133

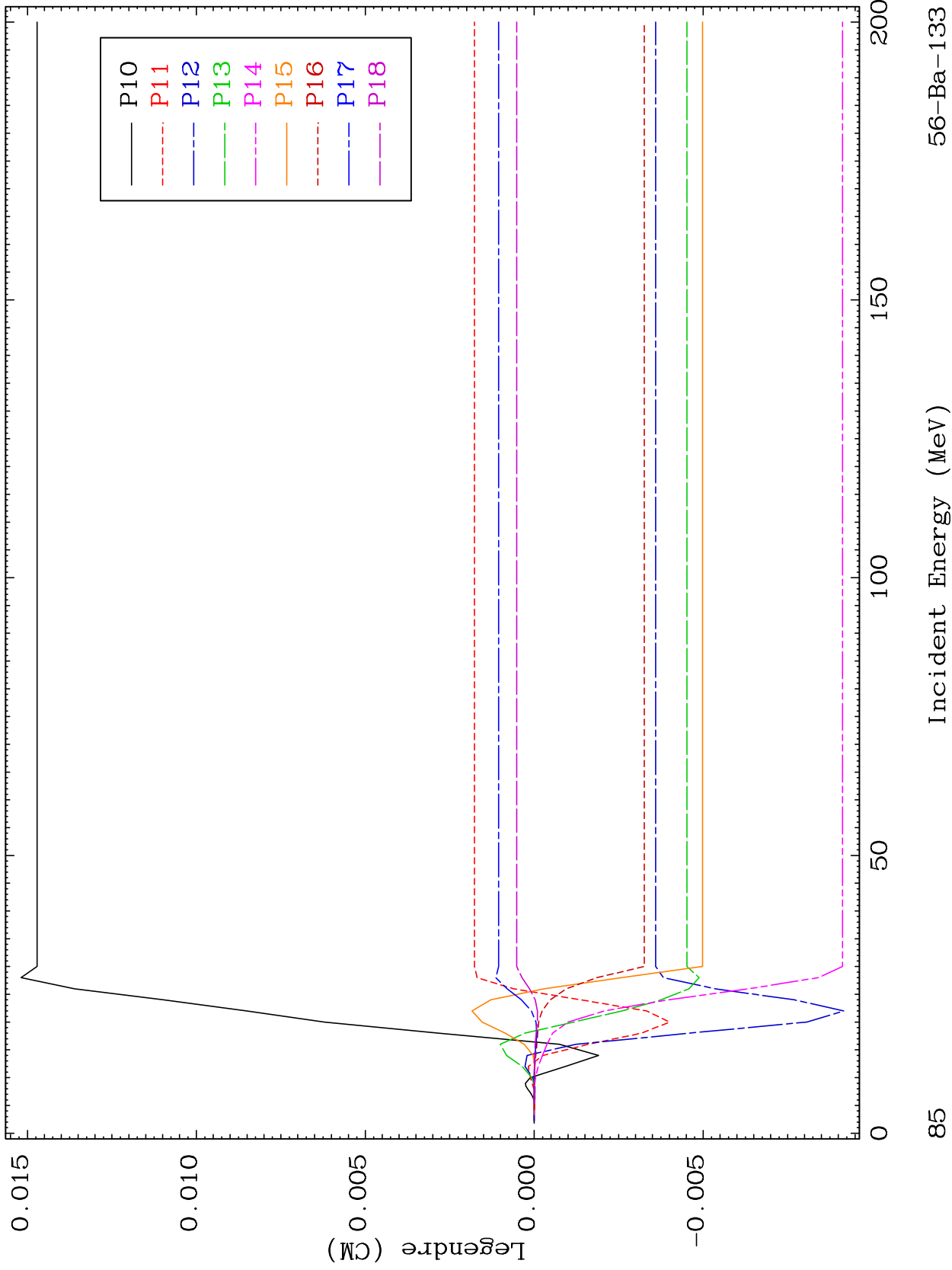
Incident Energy (MeV)

84

MAT 5634

1.067 MeV (n, n') Level
Legendre Coefficients

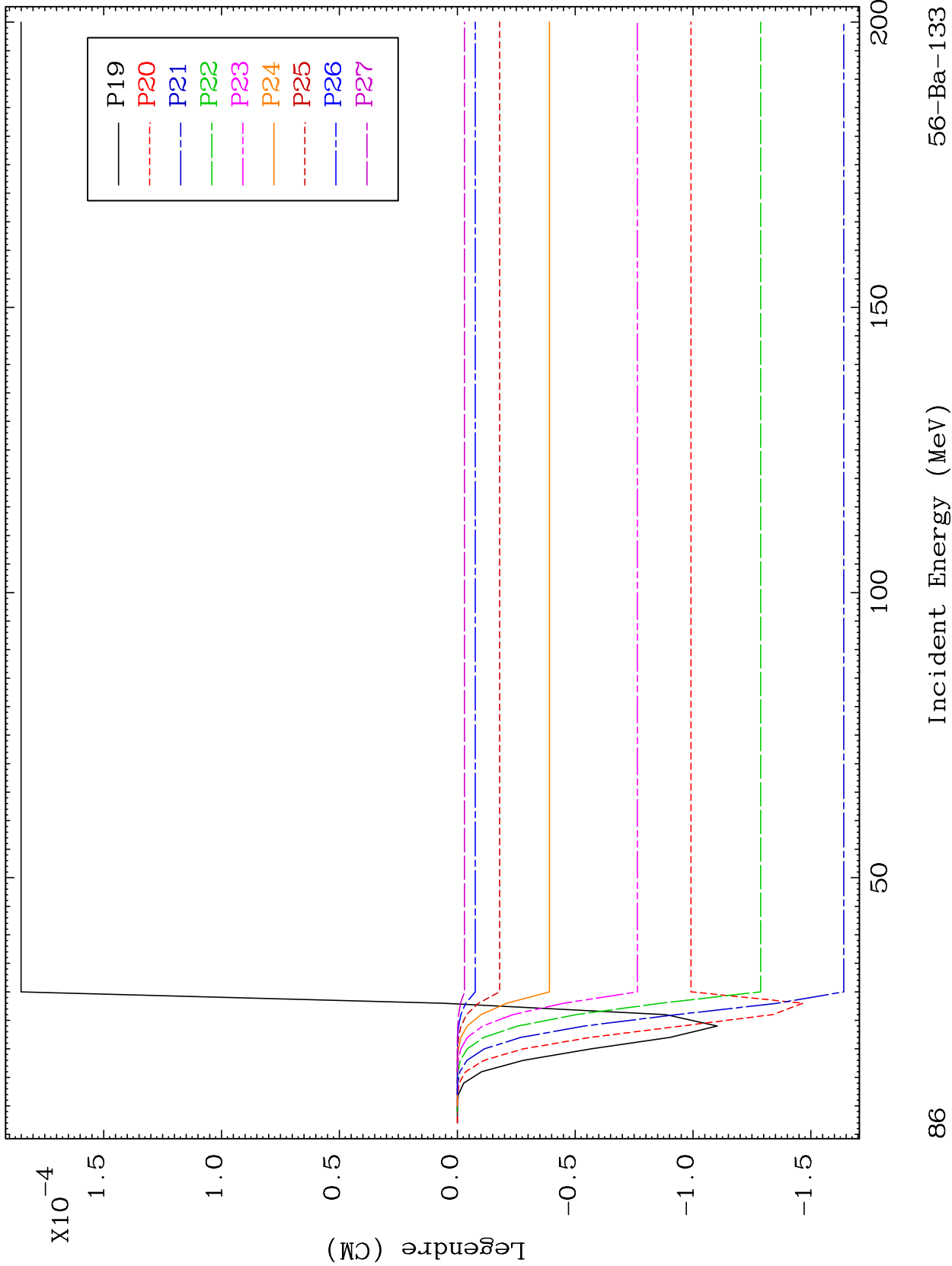
56-Ba-133

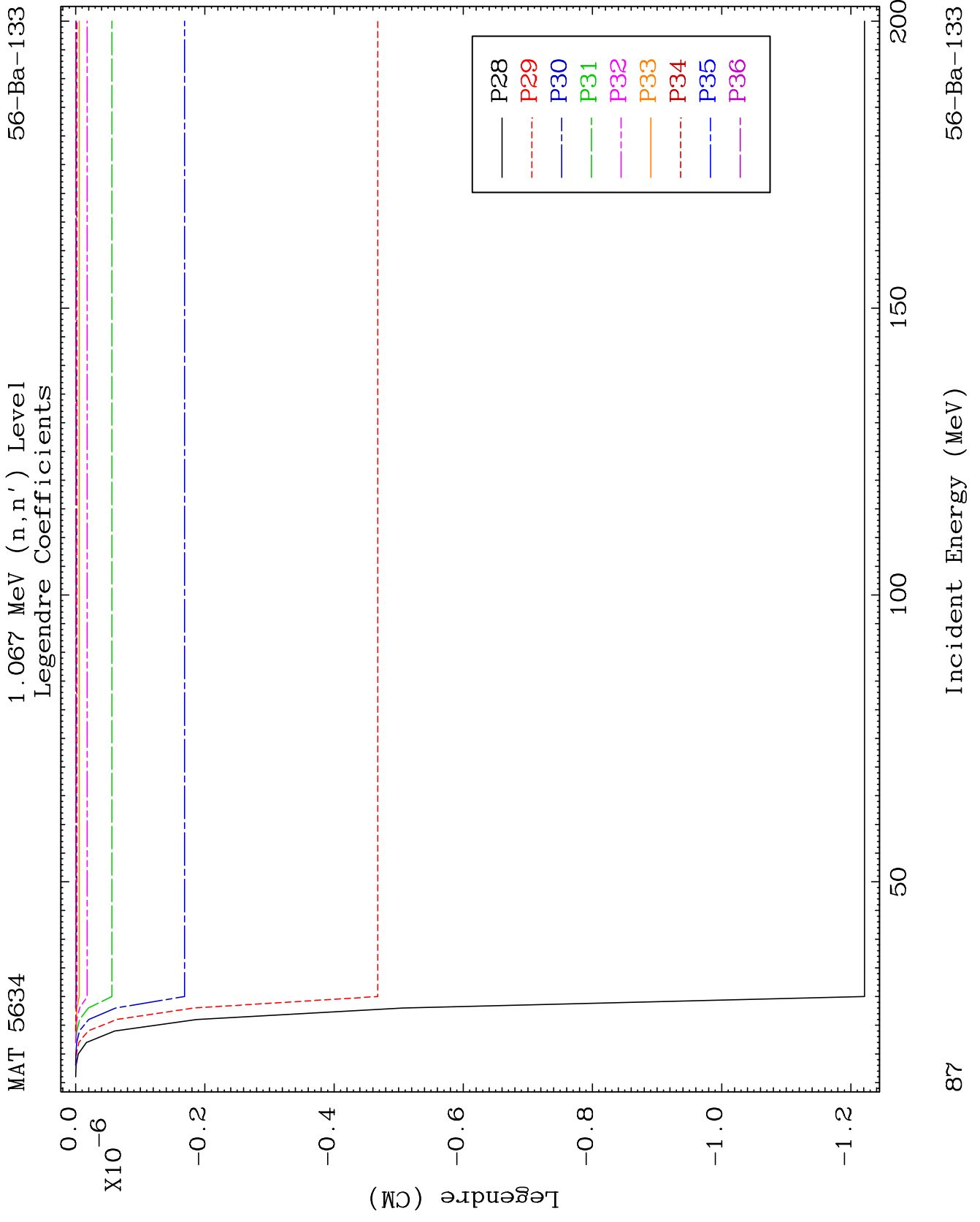


56-Ba-133

Incident Energy (MeV)

85

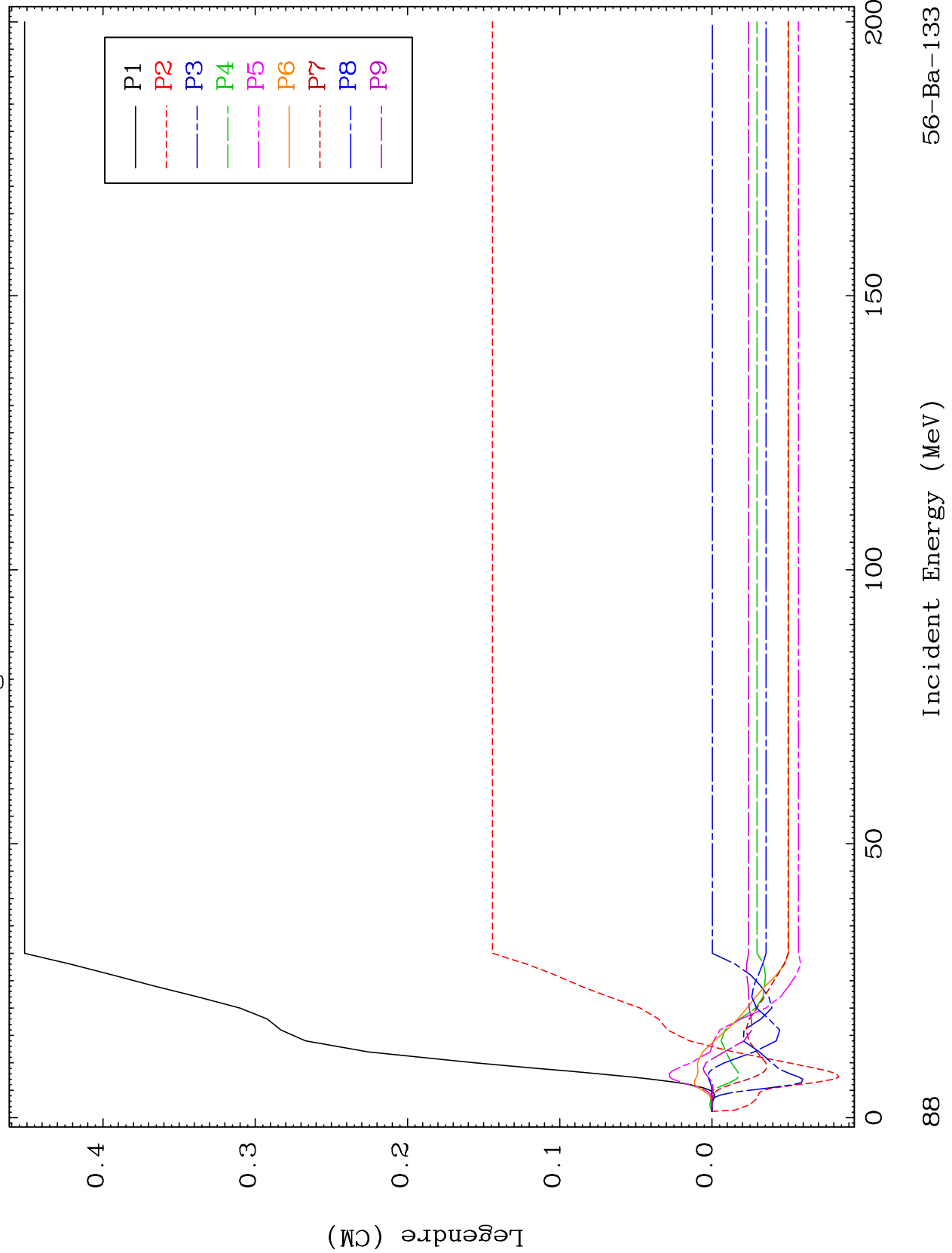




MAT 5634

1.111 MeV (n,n') Level
Legendre Coefficients

56-Ba-133



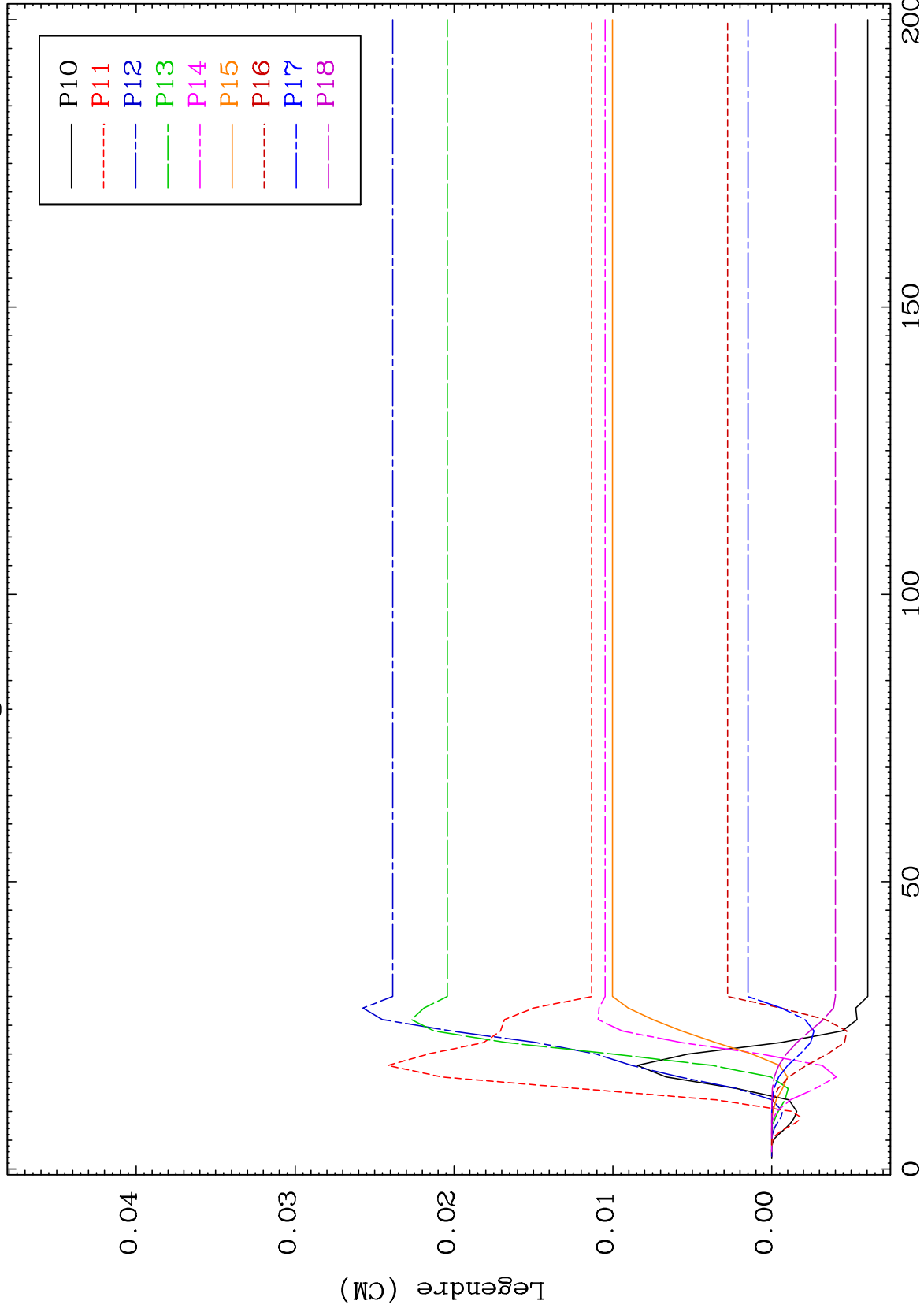
88

56-Ba-133

MAT 5634

1.111 MeV (n,n') Level
Legendre Coefficients

56-Ba-133



89

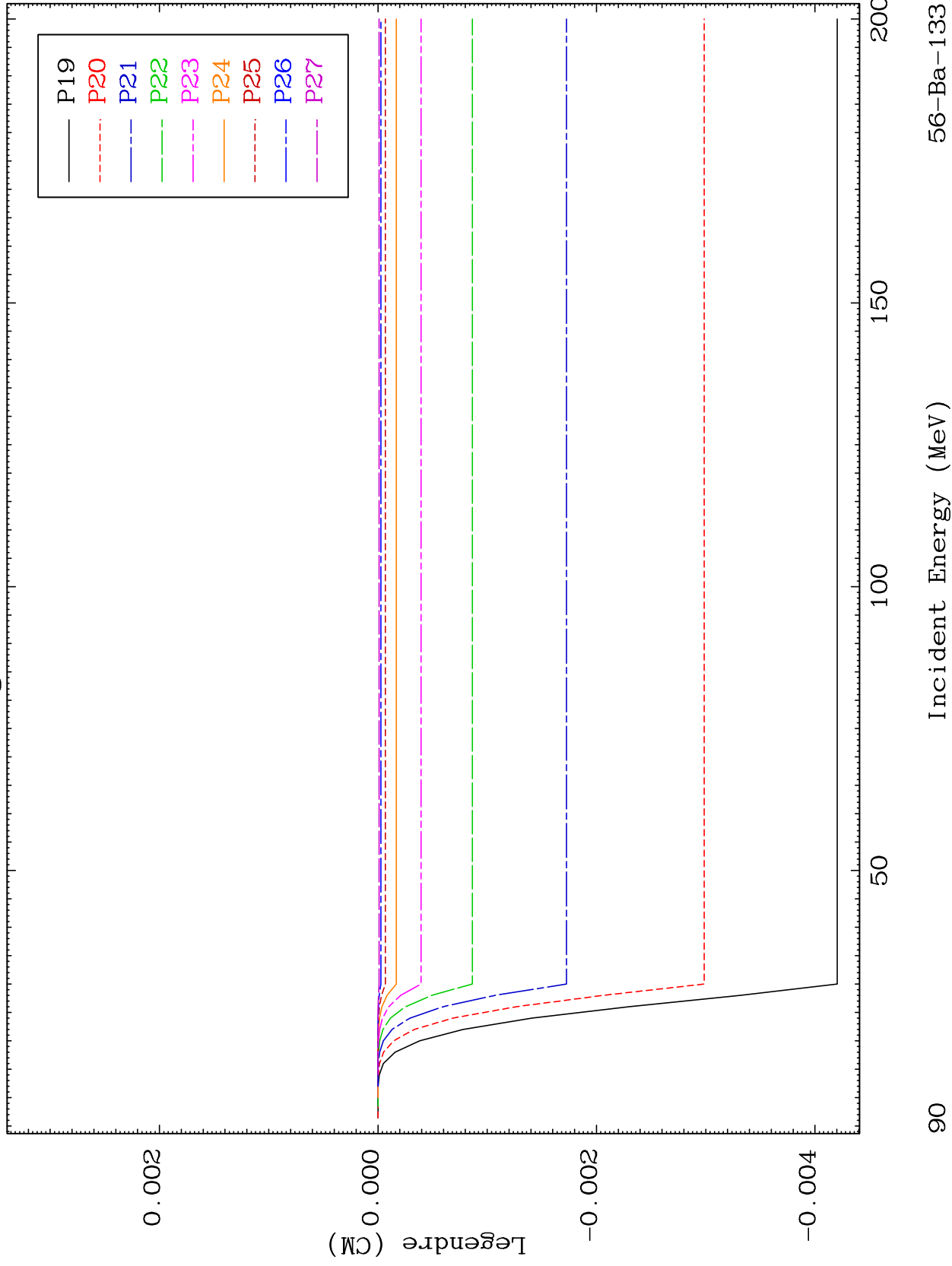
Incident Energy (MeV)

56-Ba-133

MAT 5634

1.111 MeV (n,n') Level
Legendre Coefficients

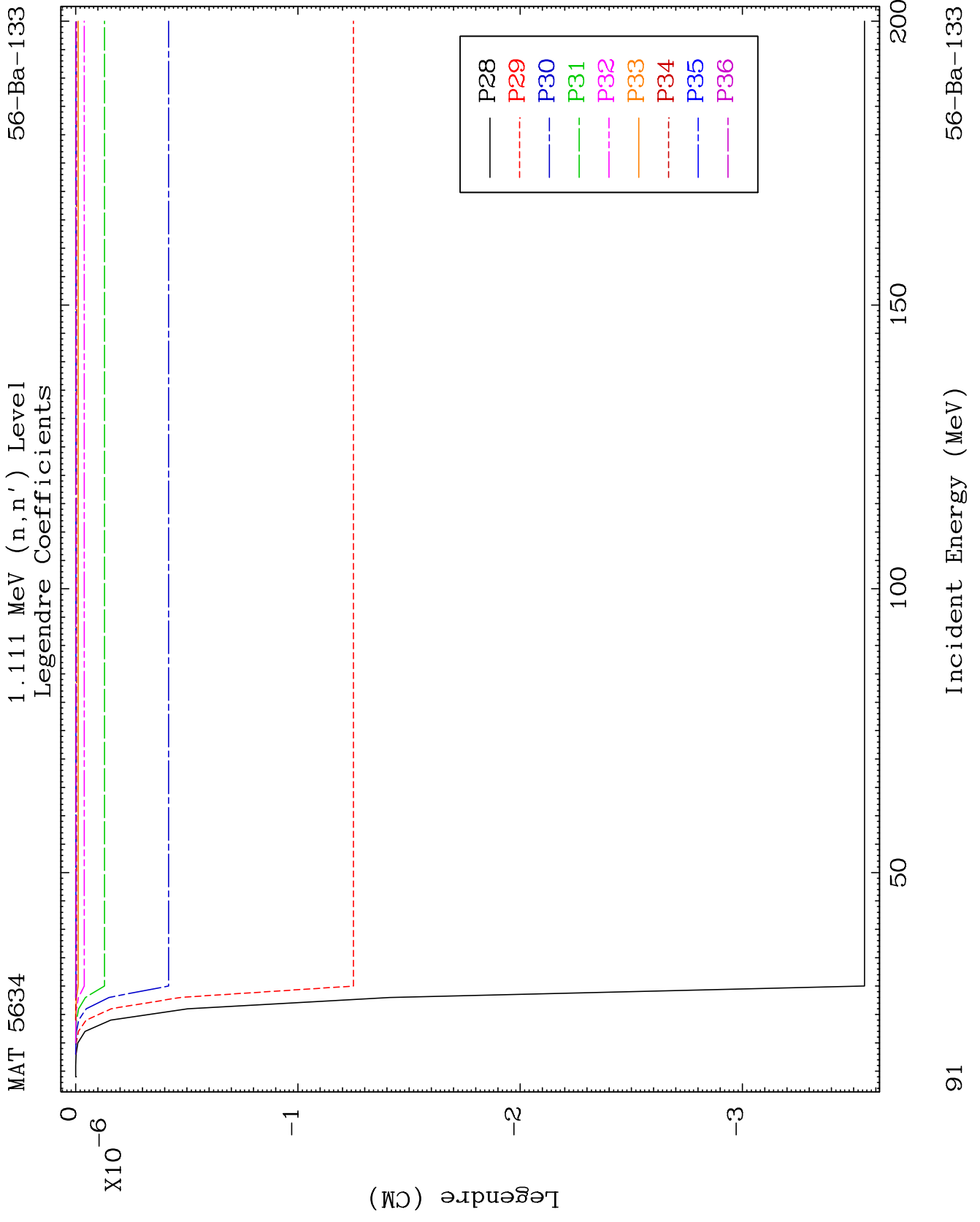
56-Ba-133

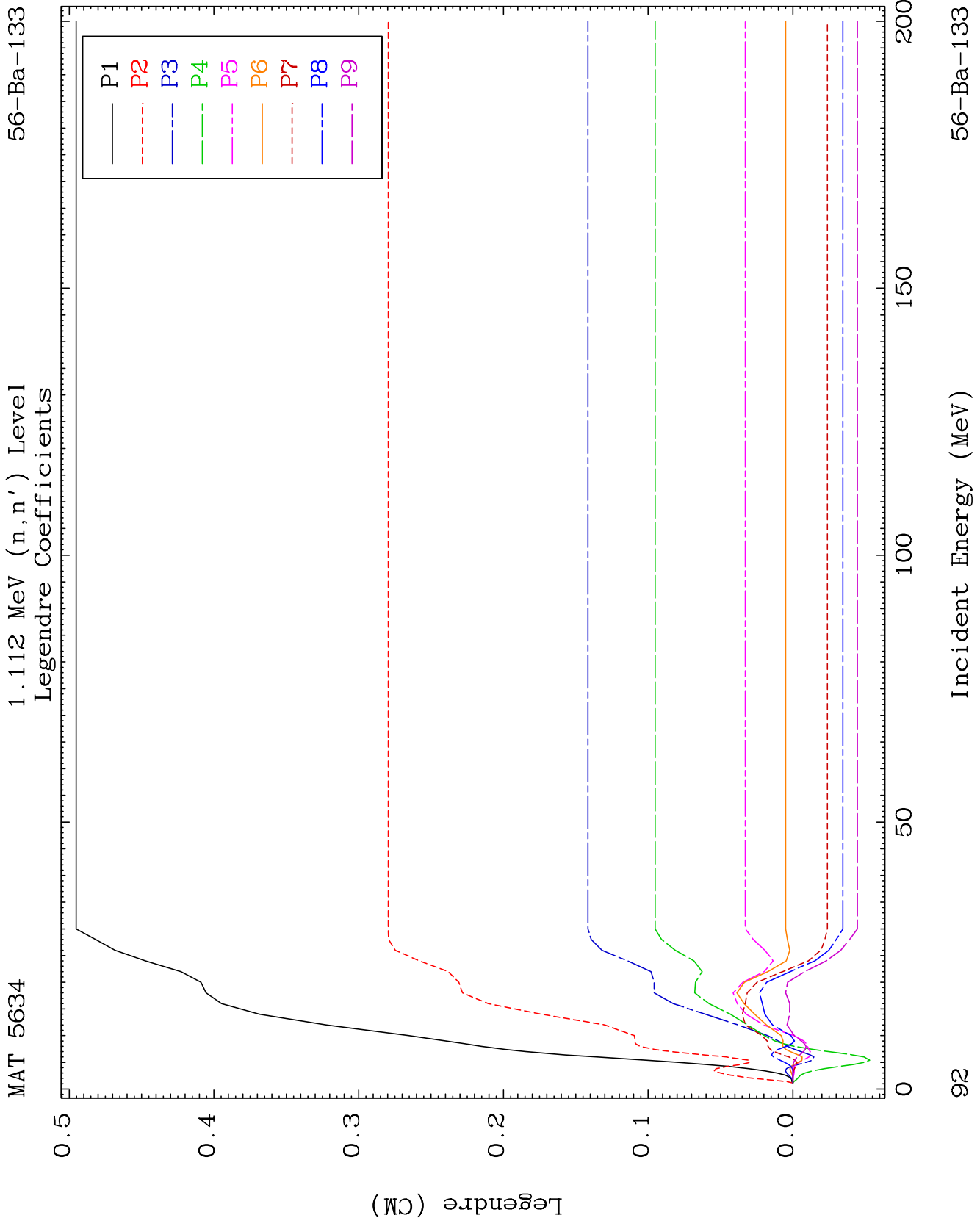


56-Ba-133

Incident Energy (MeV)

90

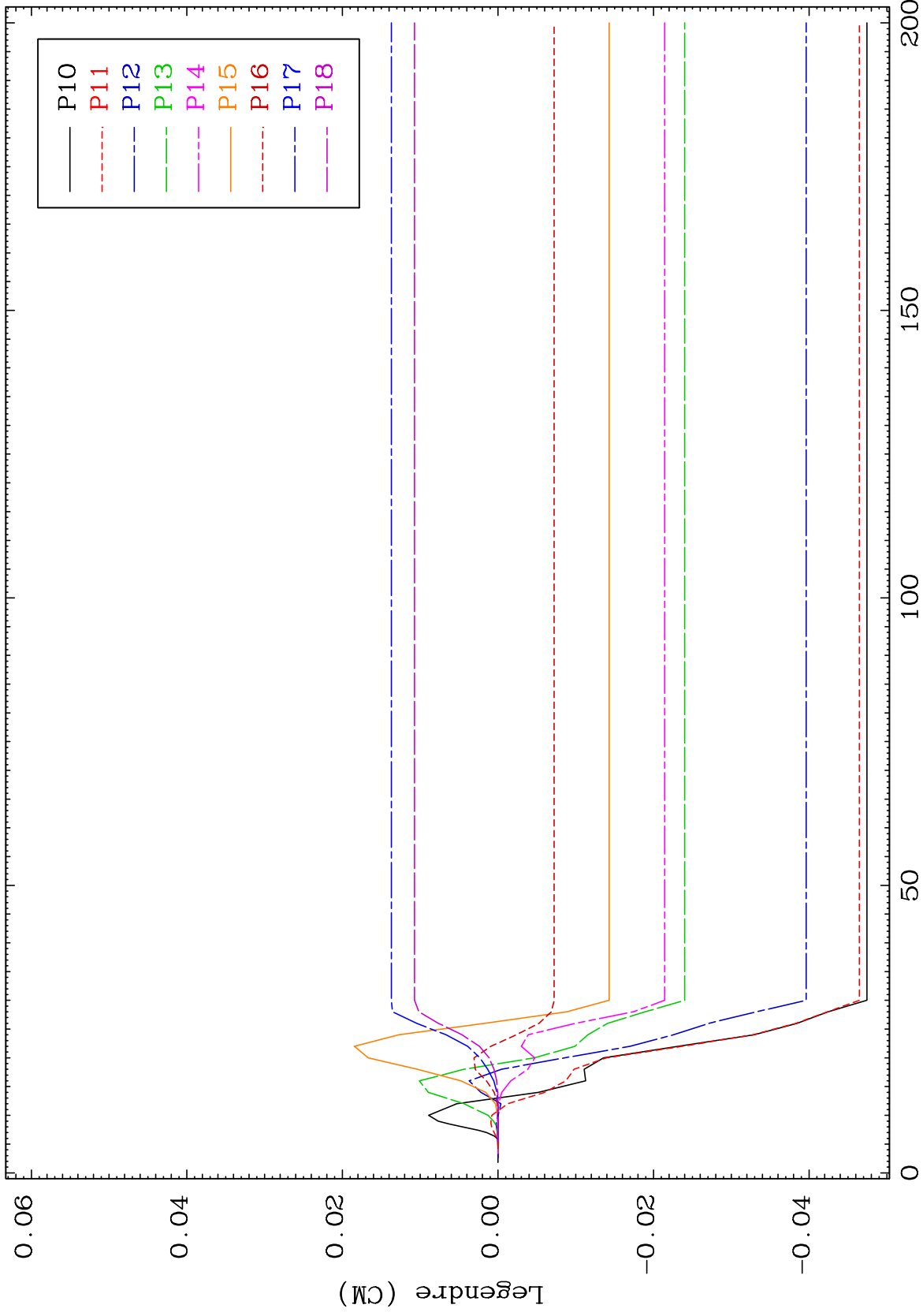




MAT 5634

1.112 MeV (n,n') Level
Legendre Coefficients

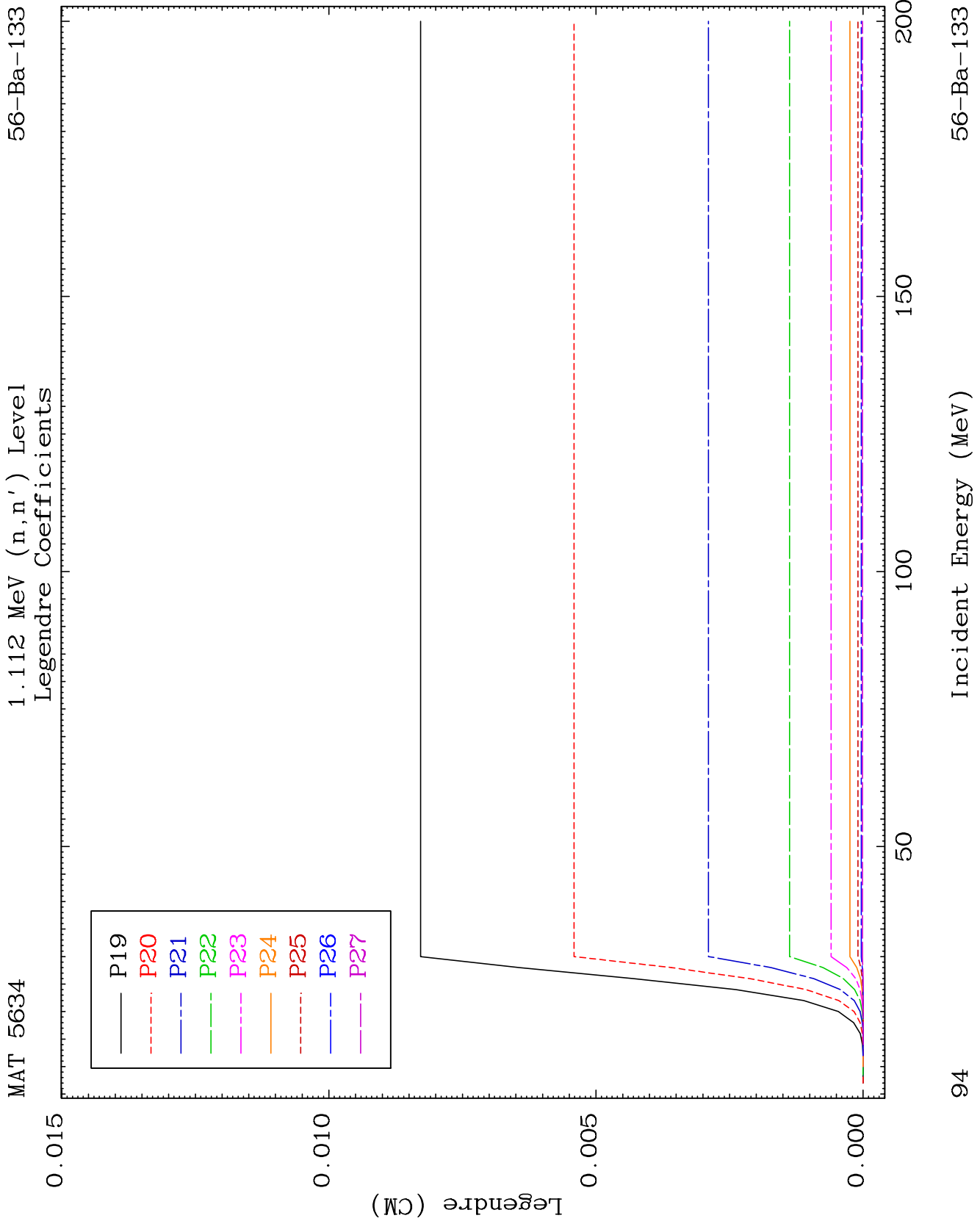
56-Ba-133



93

Incident Energy (MeV)

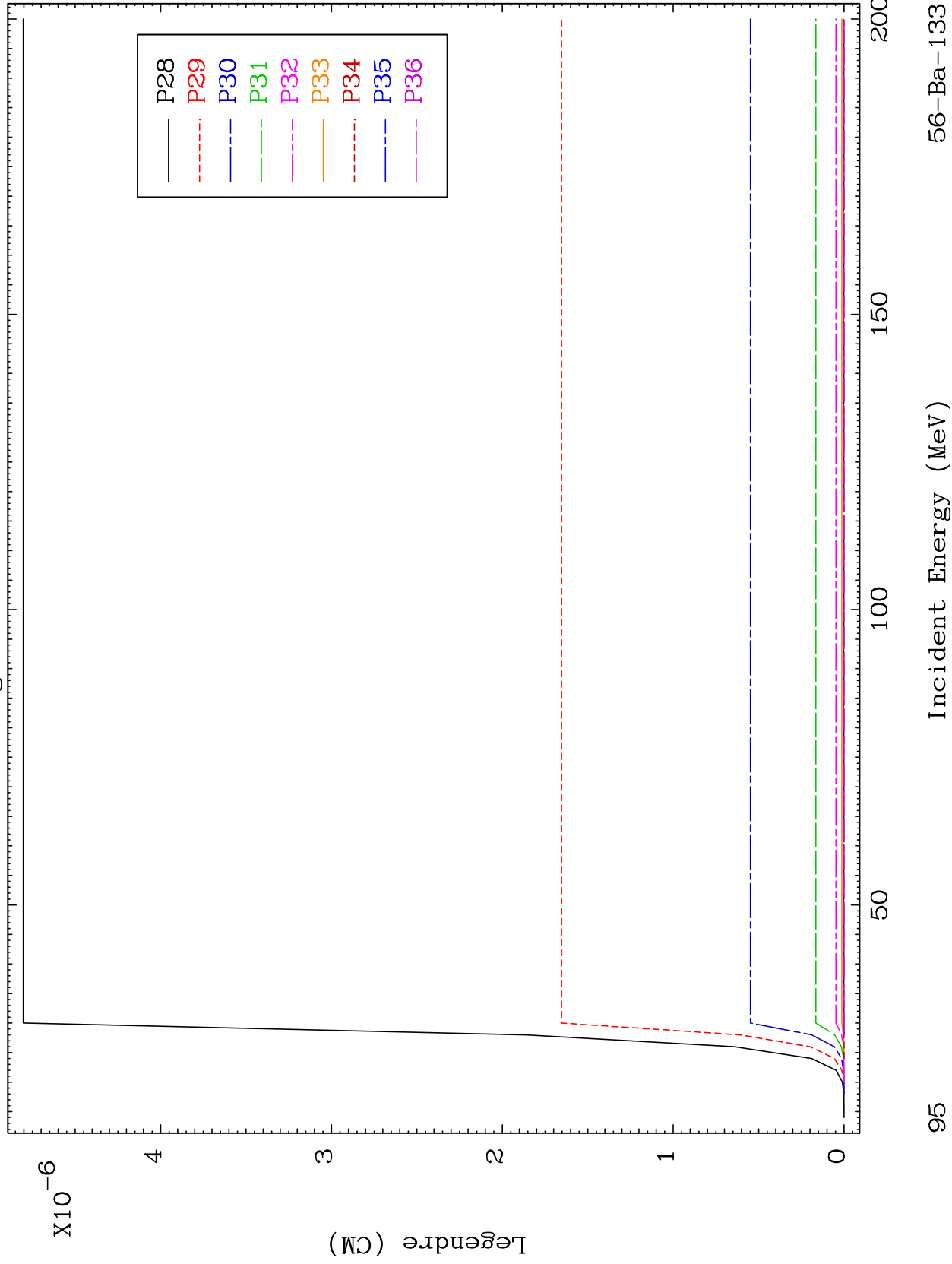
56-Ba-133



MAT 5634

1.112 MeV (n, n') Level
Legendre Coefficients

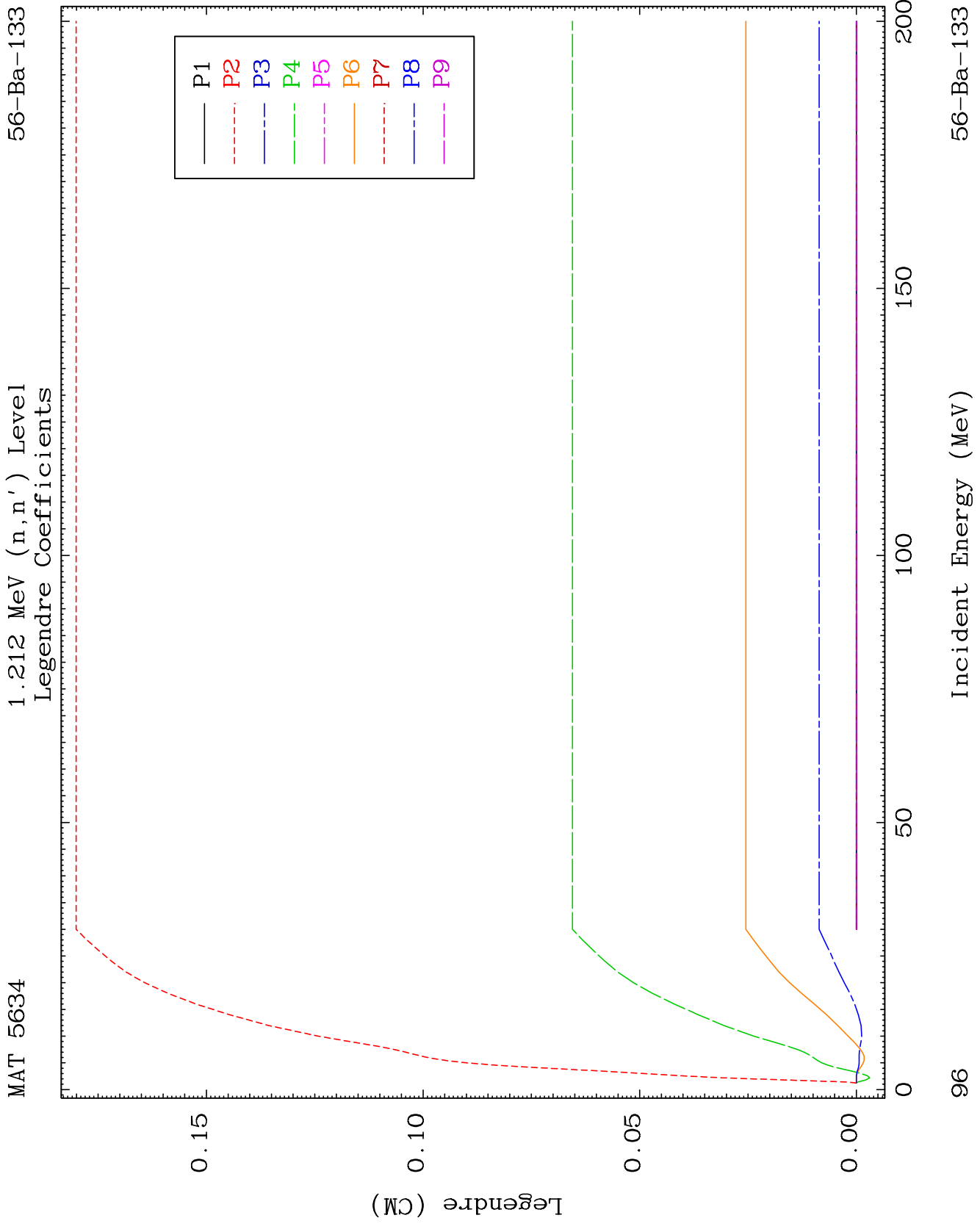
56-Ba-133

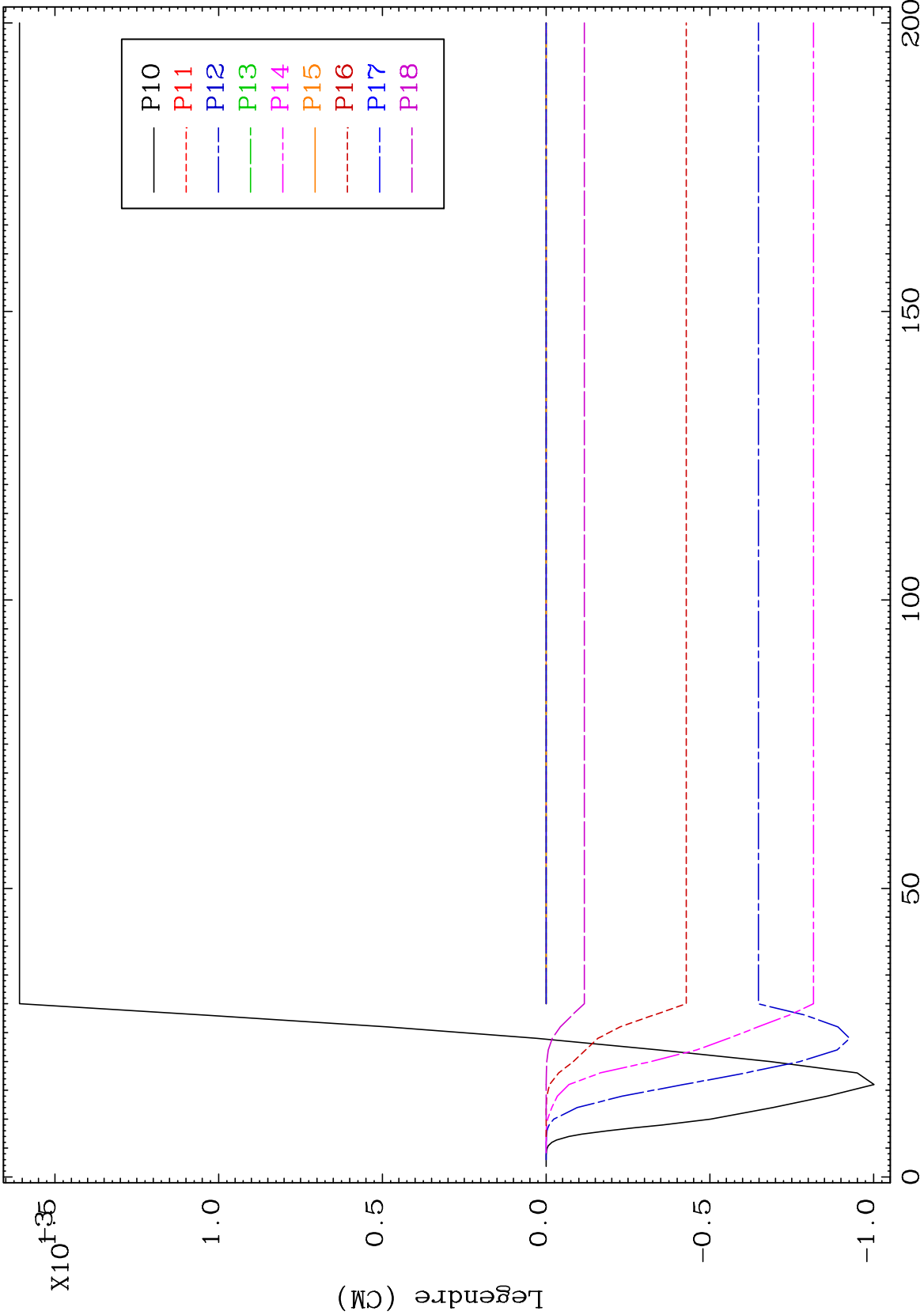


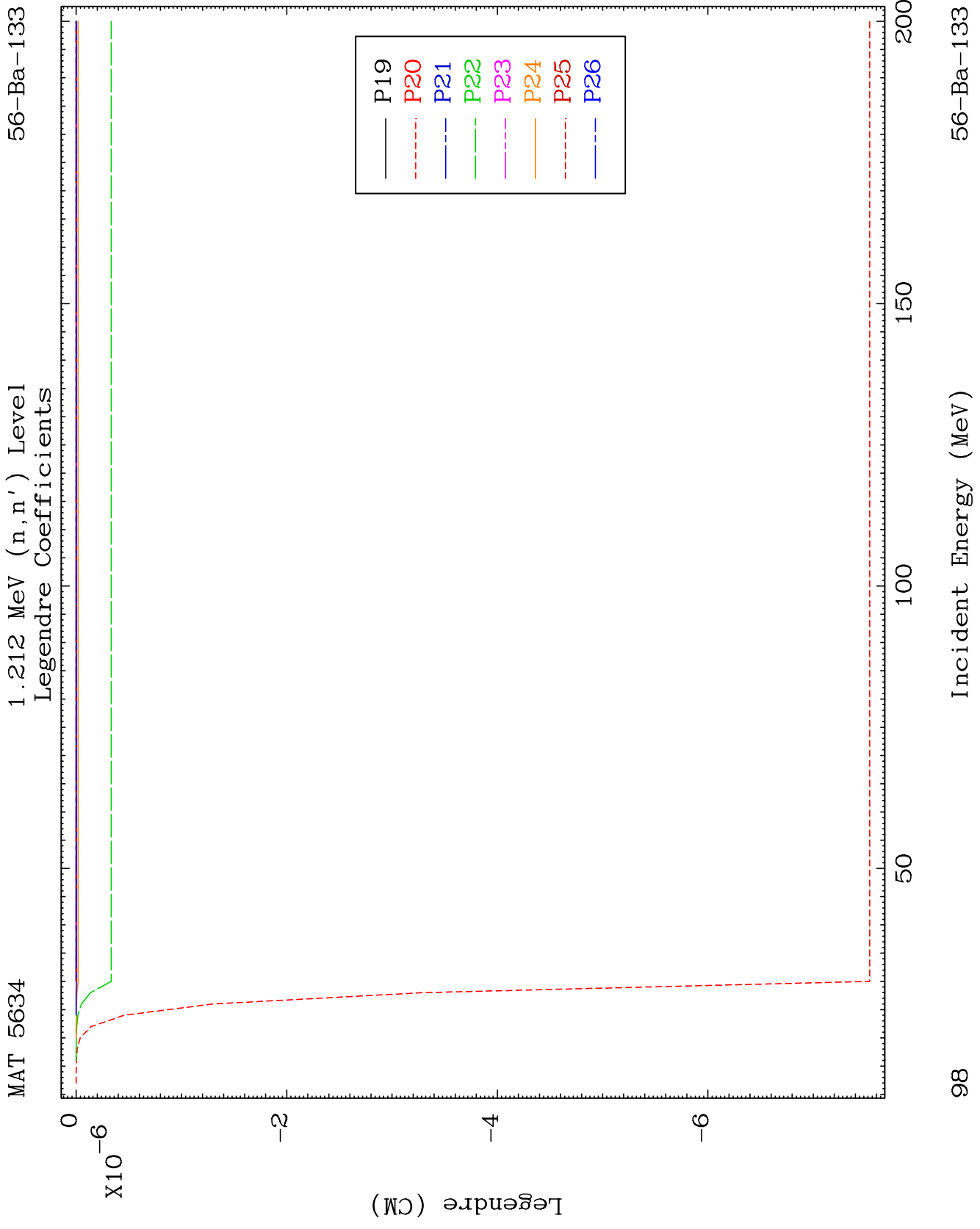
95

Incident Energy (MeV)

56-Ba-133



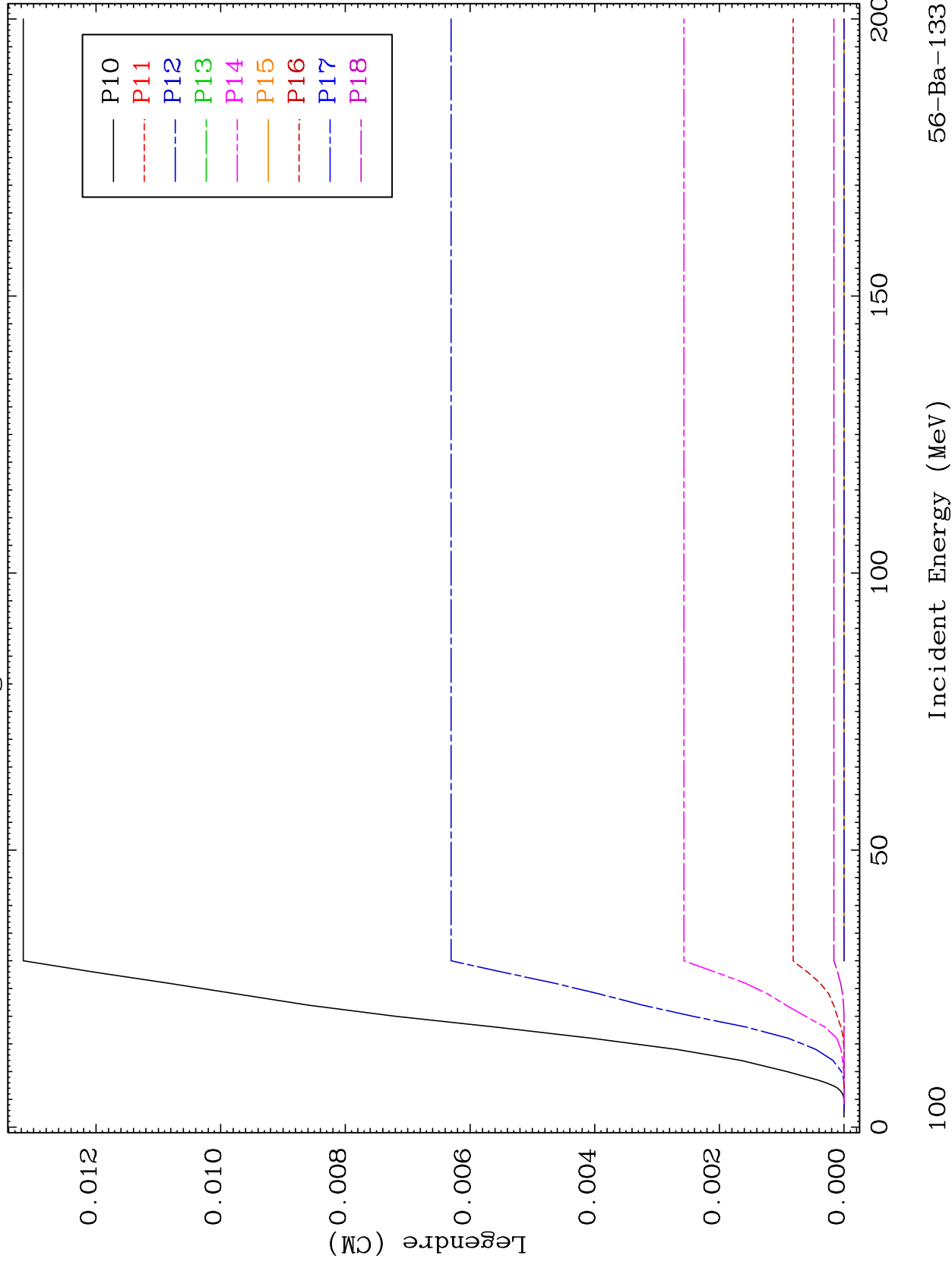




MAT 5634

1.248 MeV (n, n') Level
Legendre Coefficients

56-Ba-133

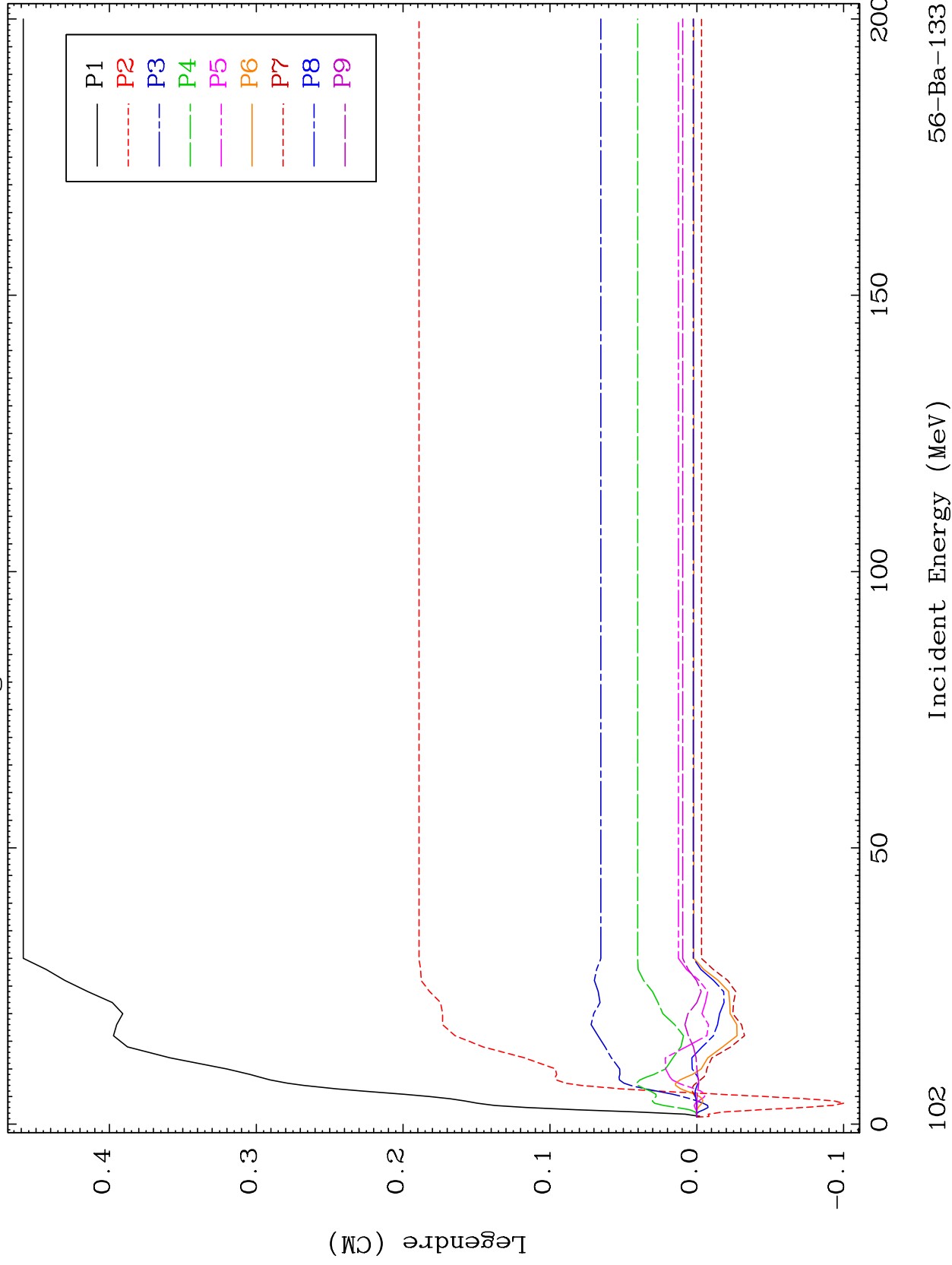


56-Ba-133

MAT 5634

1.271 MeV (n,n') Level
Legendre Coefficients

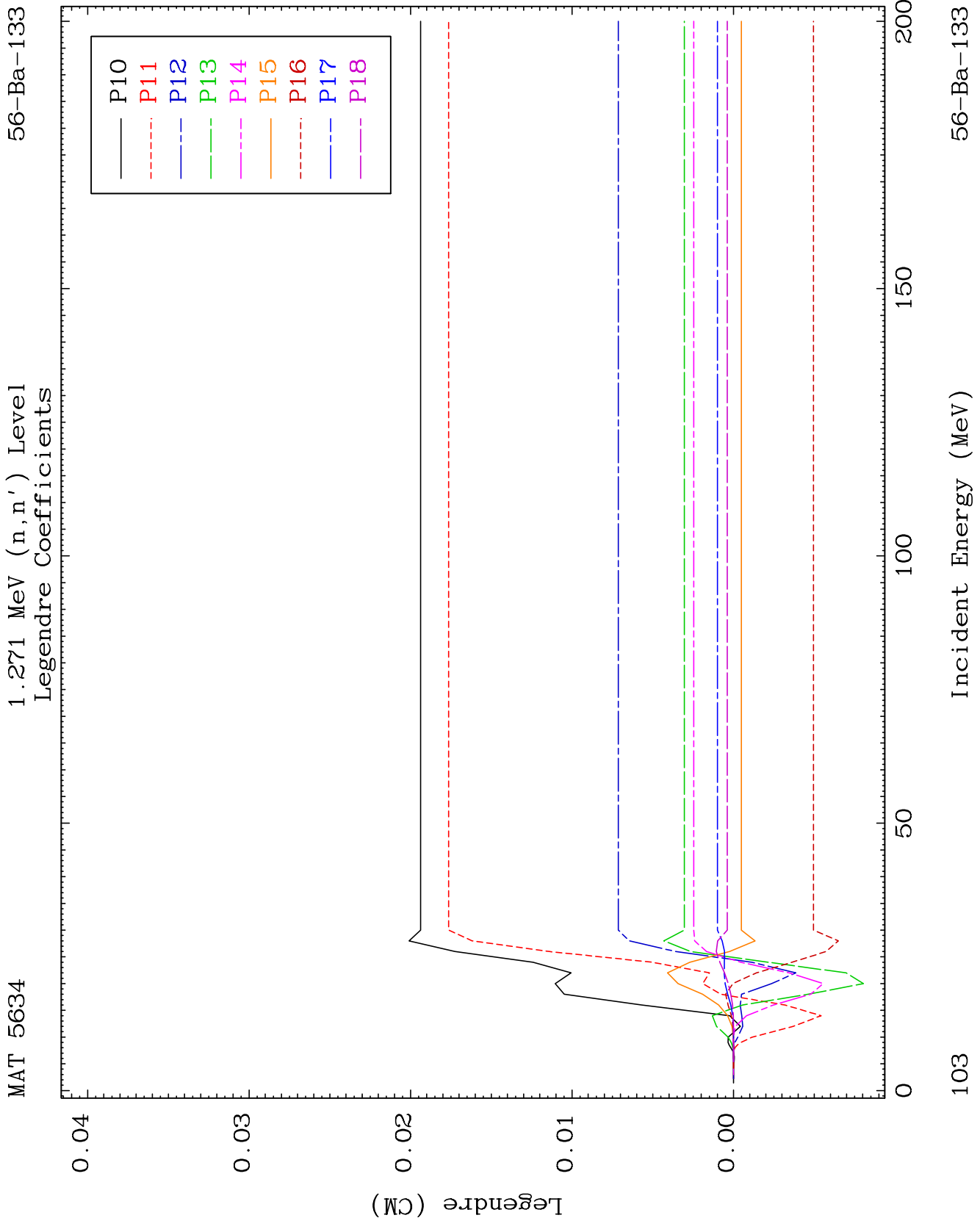
56-Ba-133



56-Ba-133

Incident Energy (MeV)

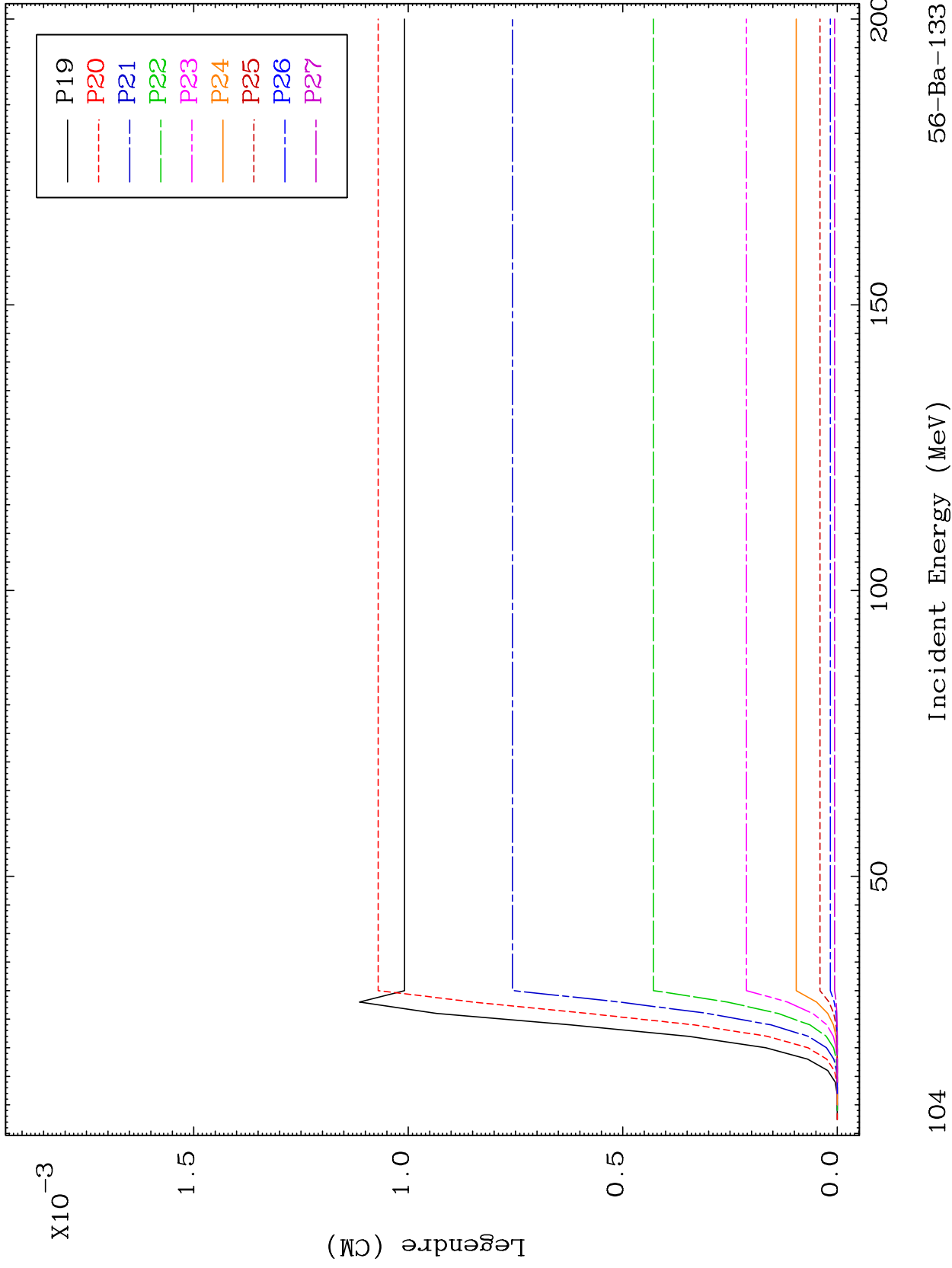
102



MAT 5634

1.271 MeV (n,n') Level
Legendre Coefficients

56-Ba-133



104

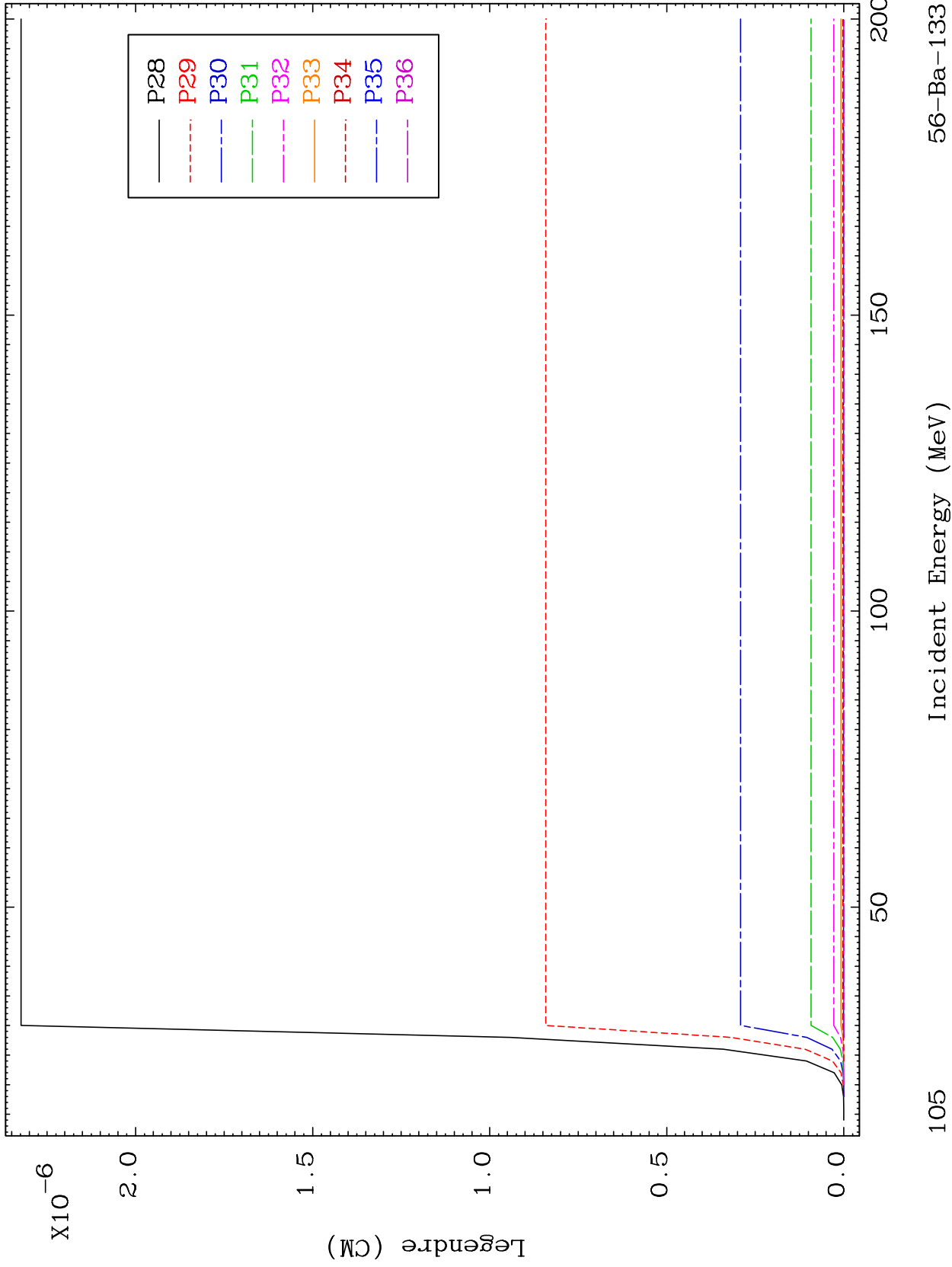
Incident Energy (MeV)

56-Ba-133

MAT 5634

1.271 MeV (n, n') Level
Legendre Coefficients

56-Ba-133



105

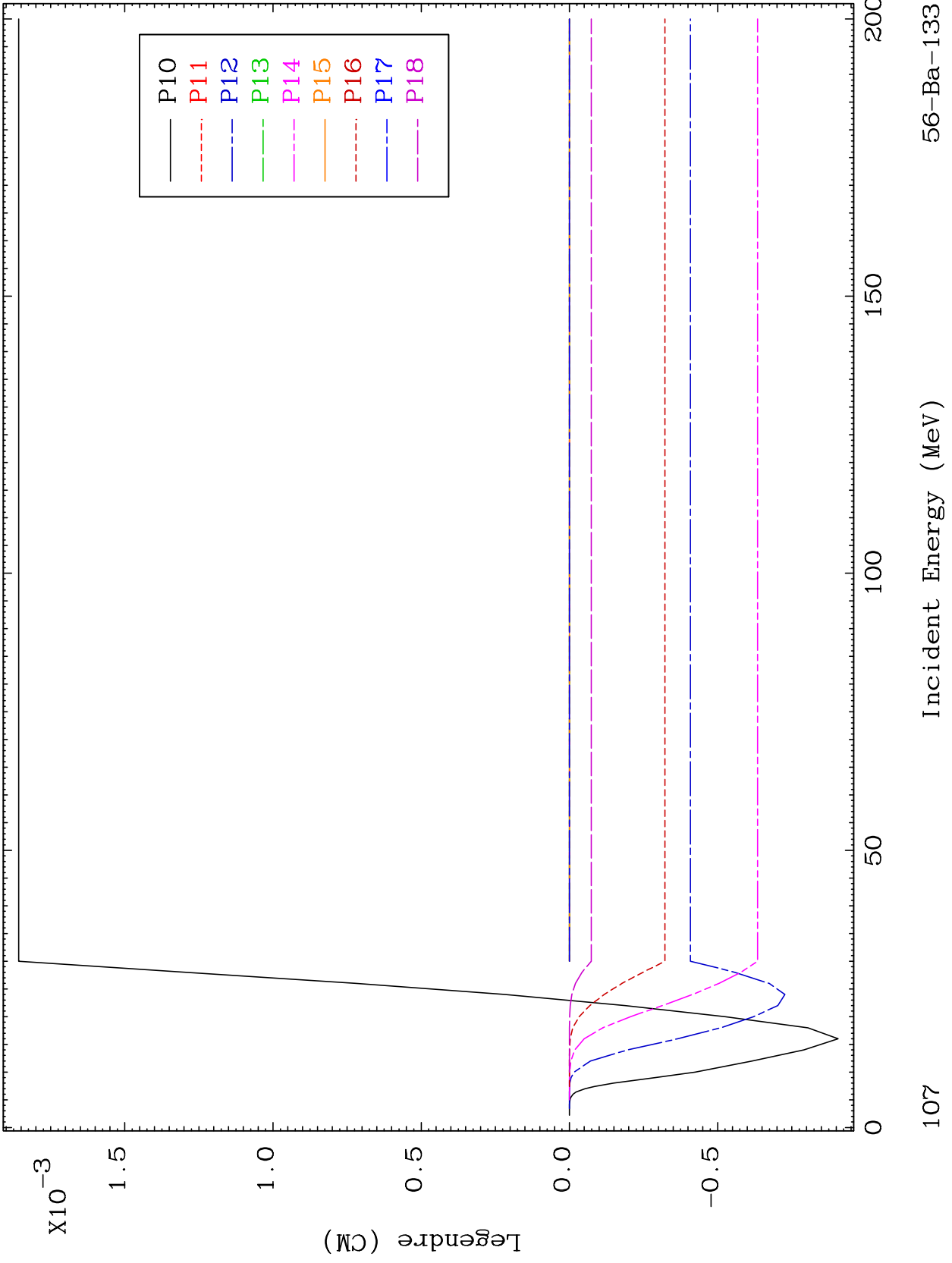
Incident Energy (MeV)

56-Ba-133

MAT 5634

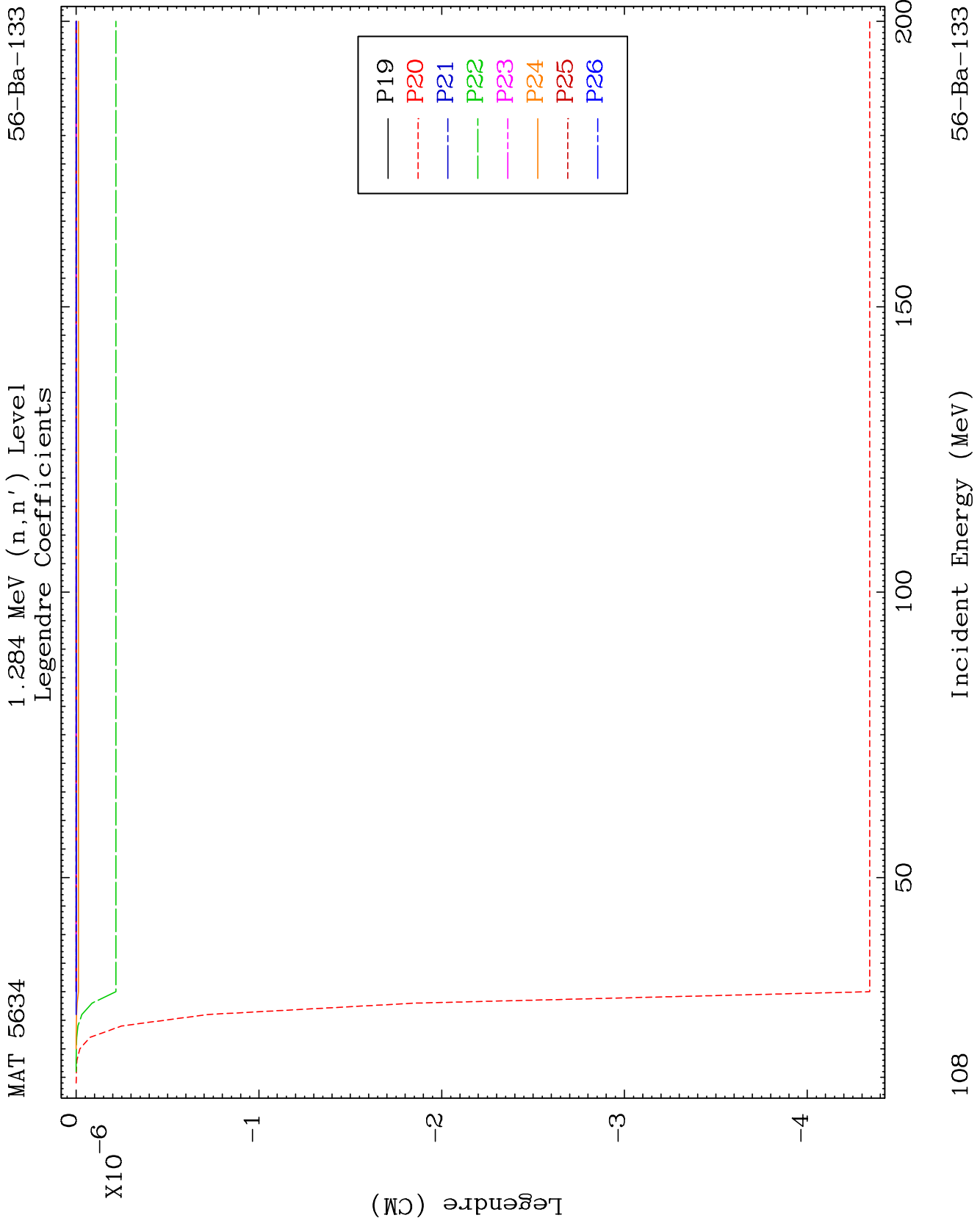
1.284 MeV (n,n') Level
Legendre Coefficients

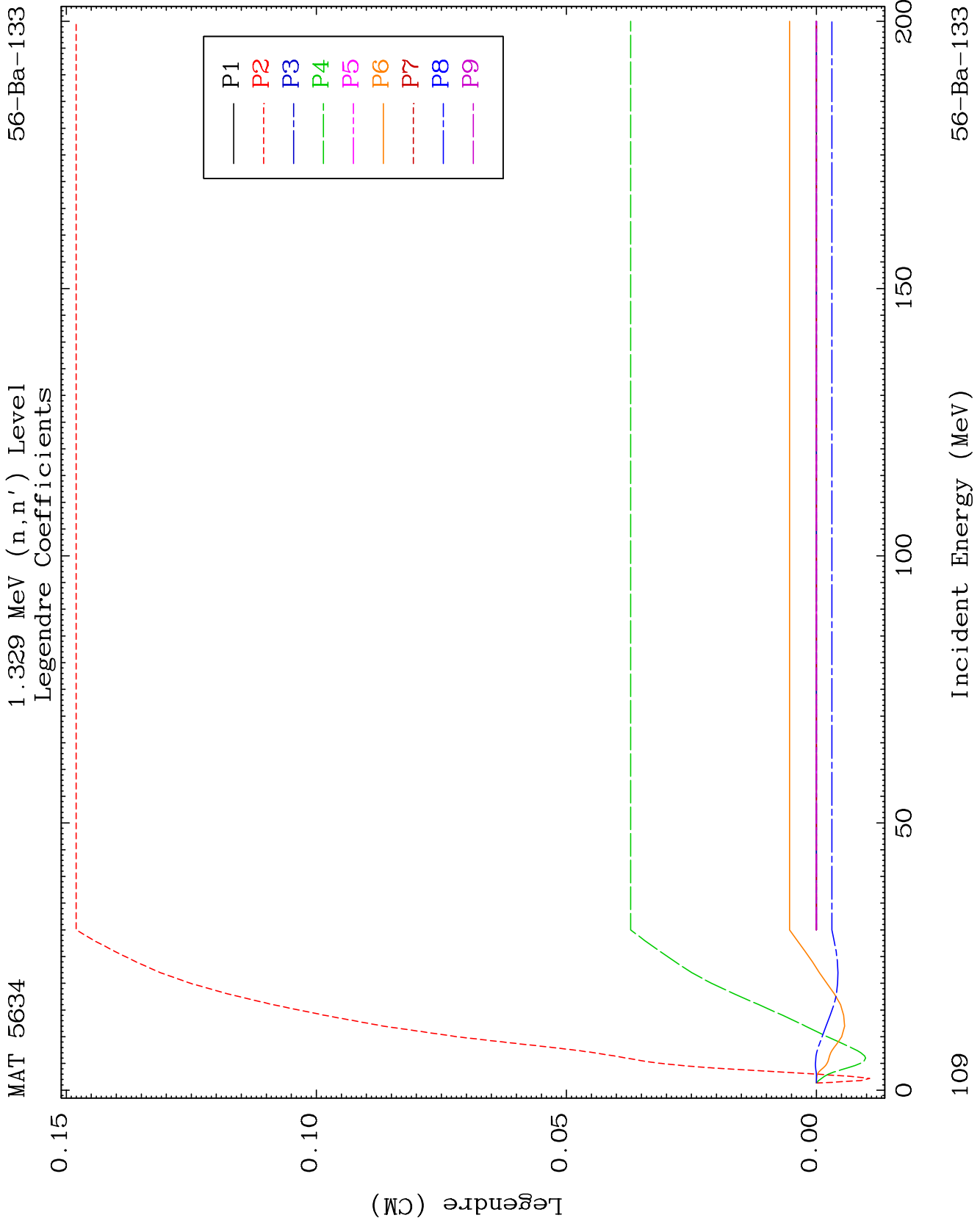
56-Ba-133

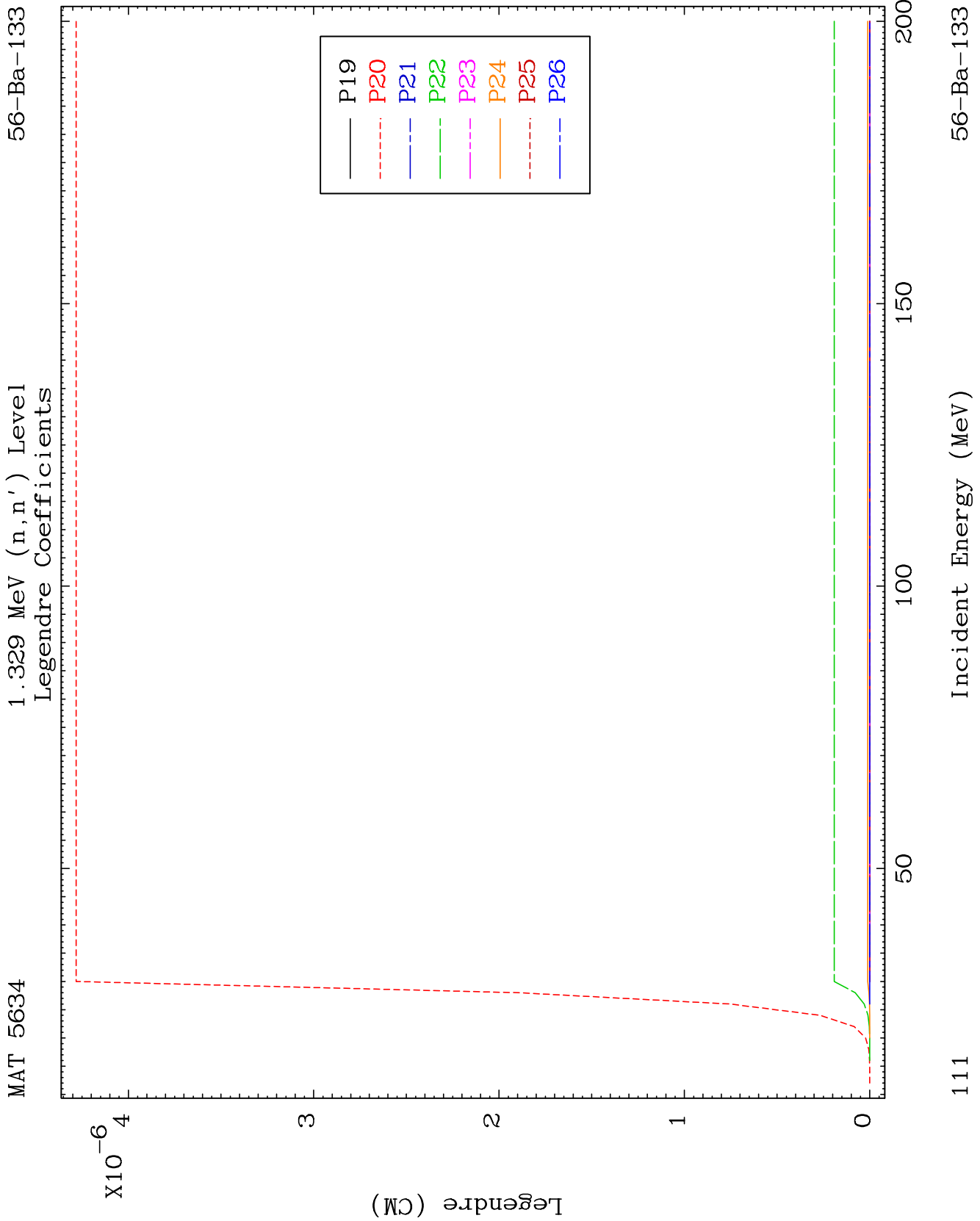


107

56-Ba-133



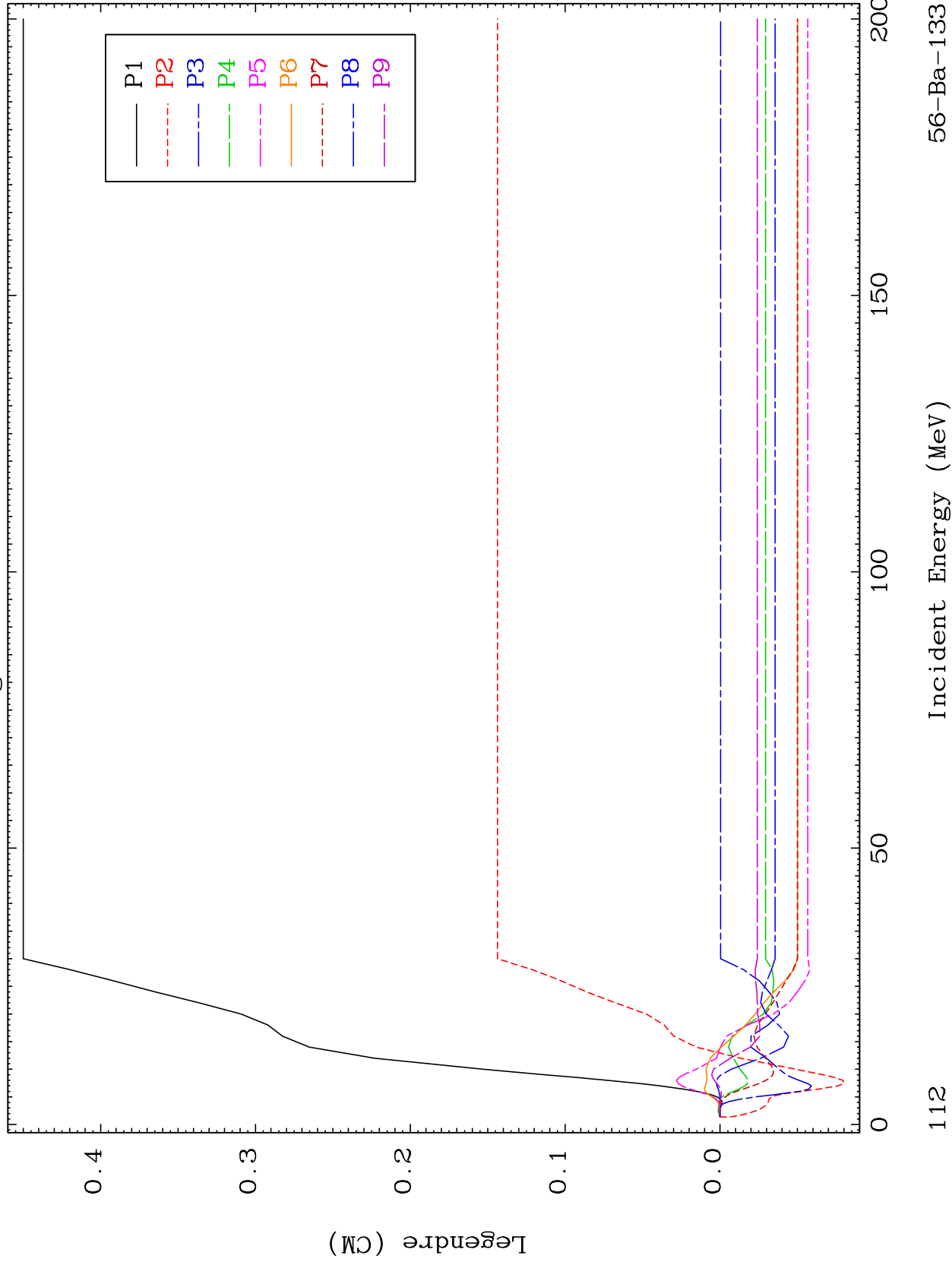




MAT 5634

1.341 MeV (n,n') Level
Legendre Coefficients

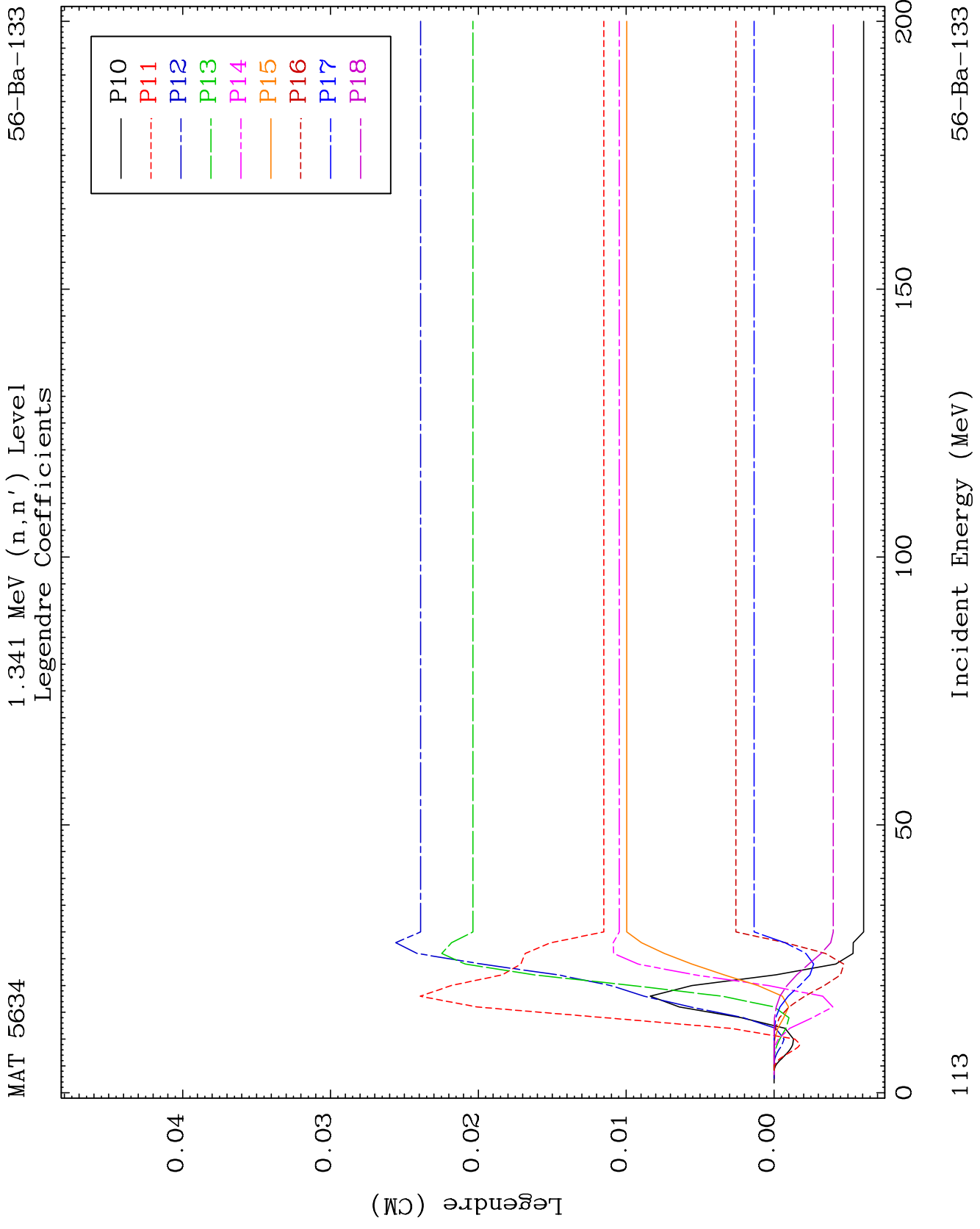
56-Ba-133



56-Ba-133

Incident Energy (MeV)

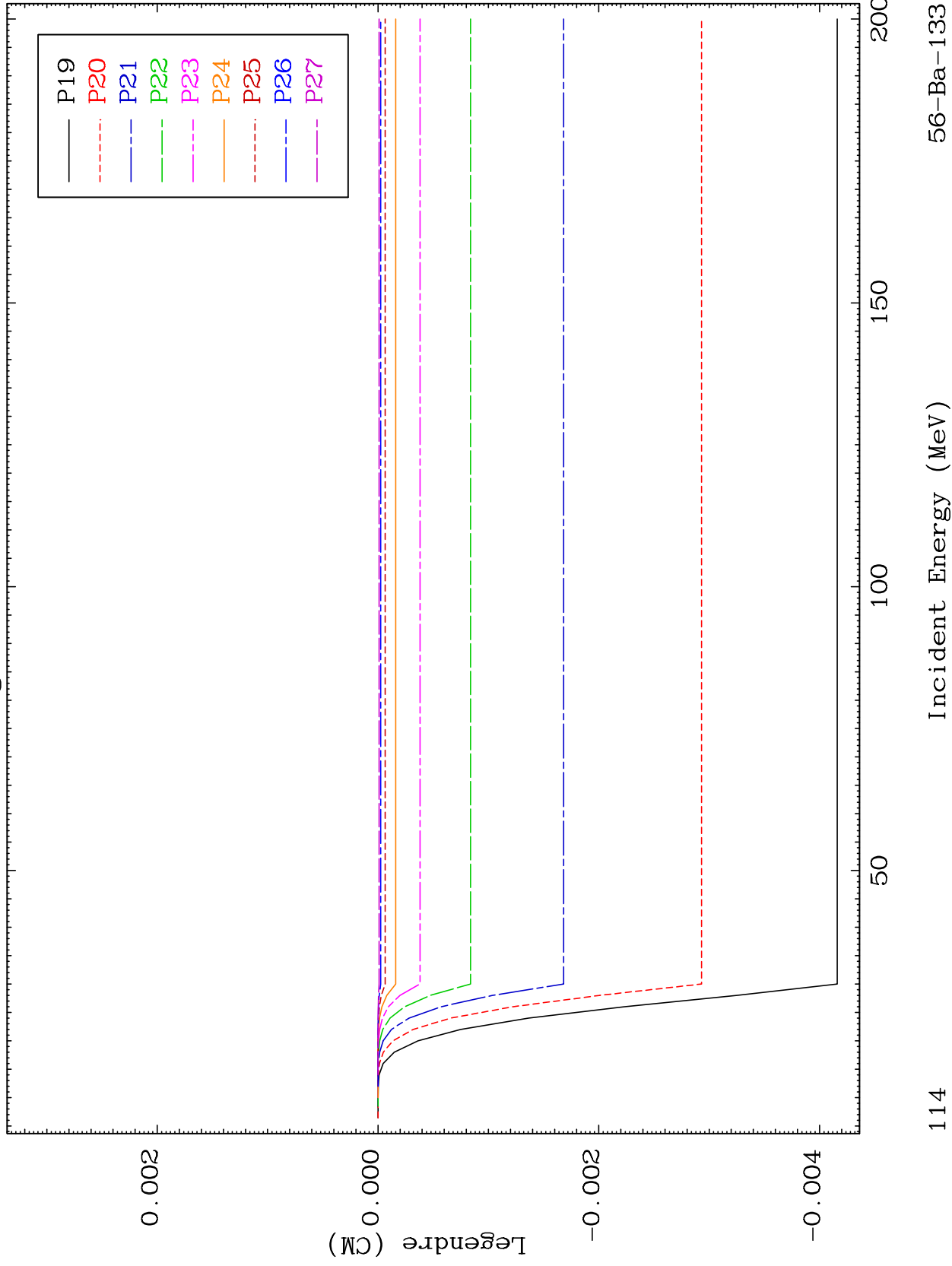
112



MAT 5634

1.341 MeV (n,n') Level
Legendre Coefficients

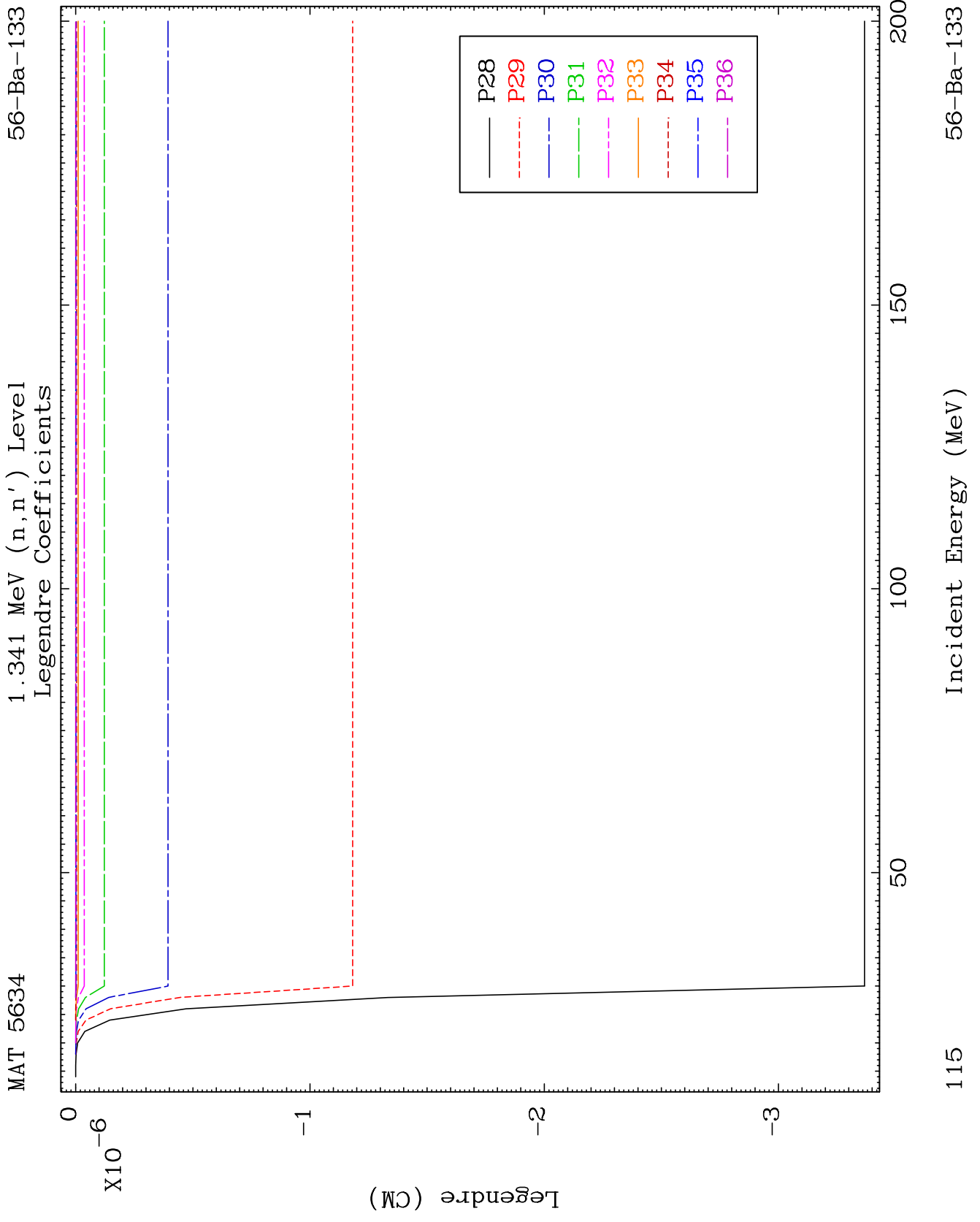
56-Ba-133

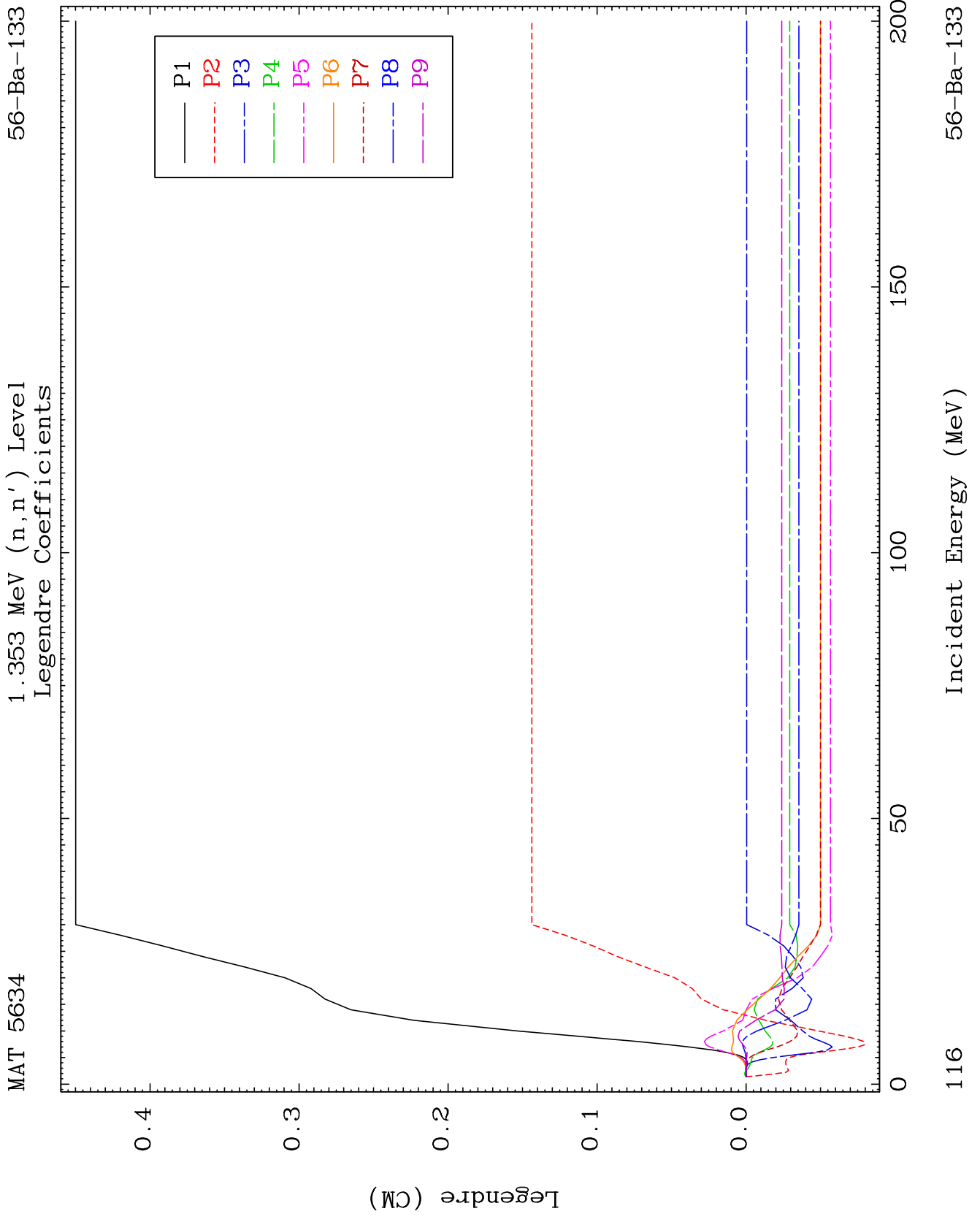


114

Incident Energy (MeV)

56-Ba-133

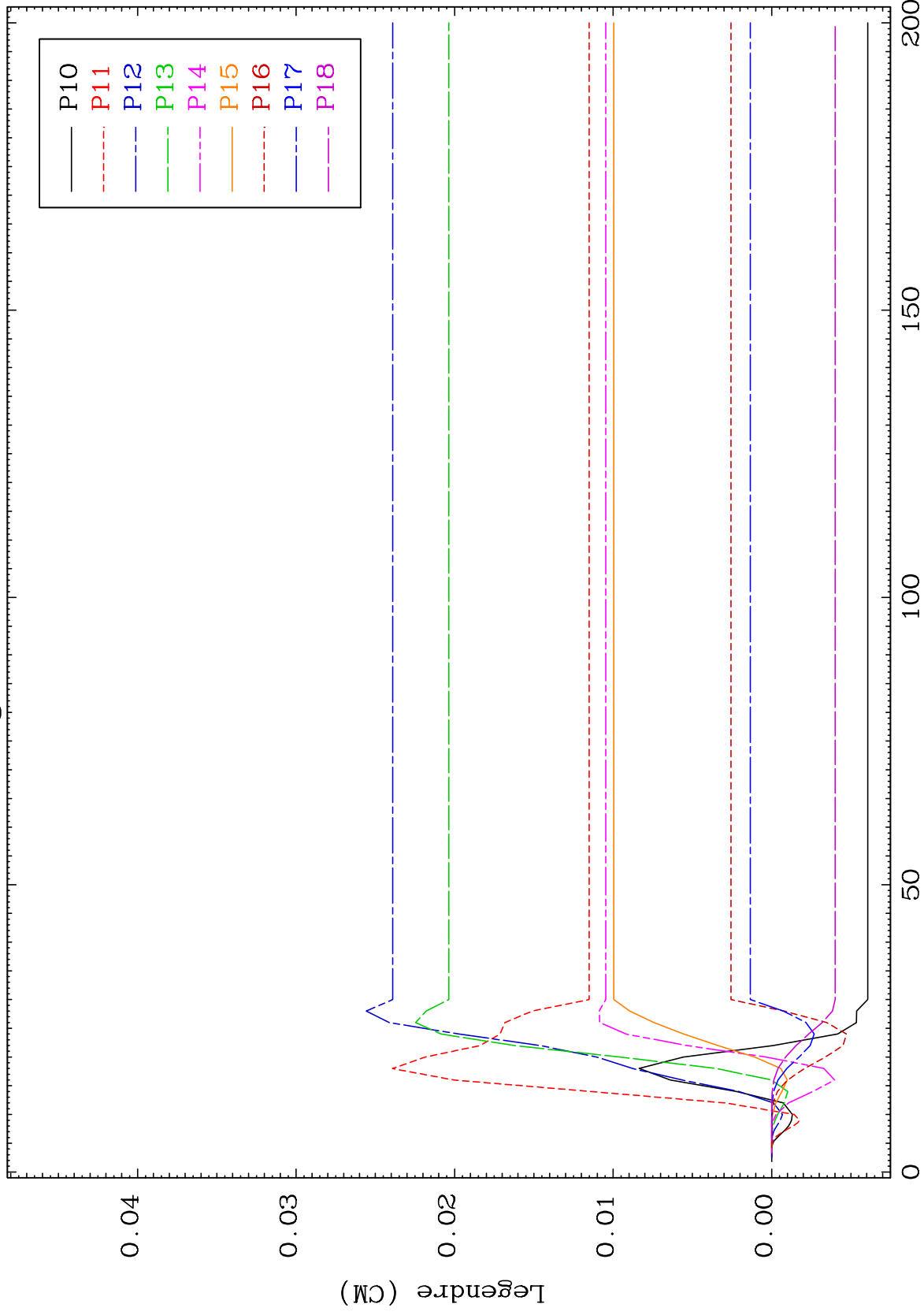




MAT 5634

1.353 MeV (n,n') Level
Legendre Coefficients

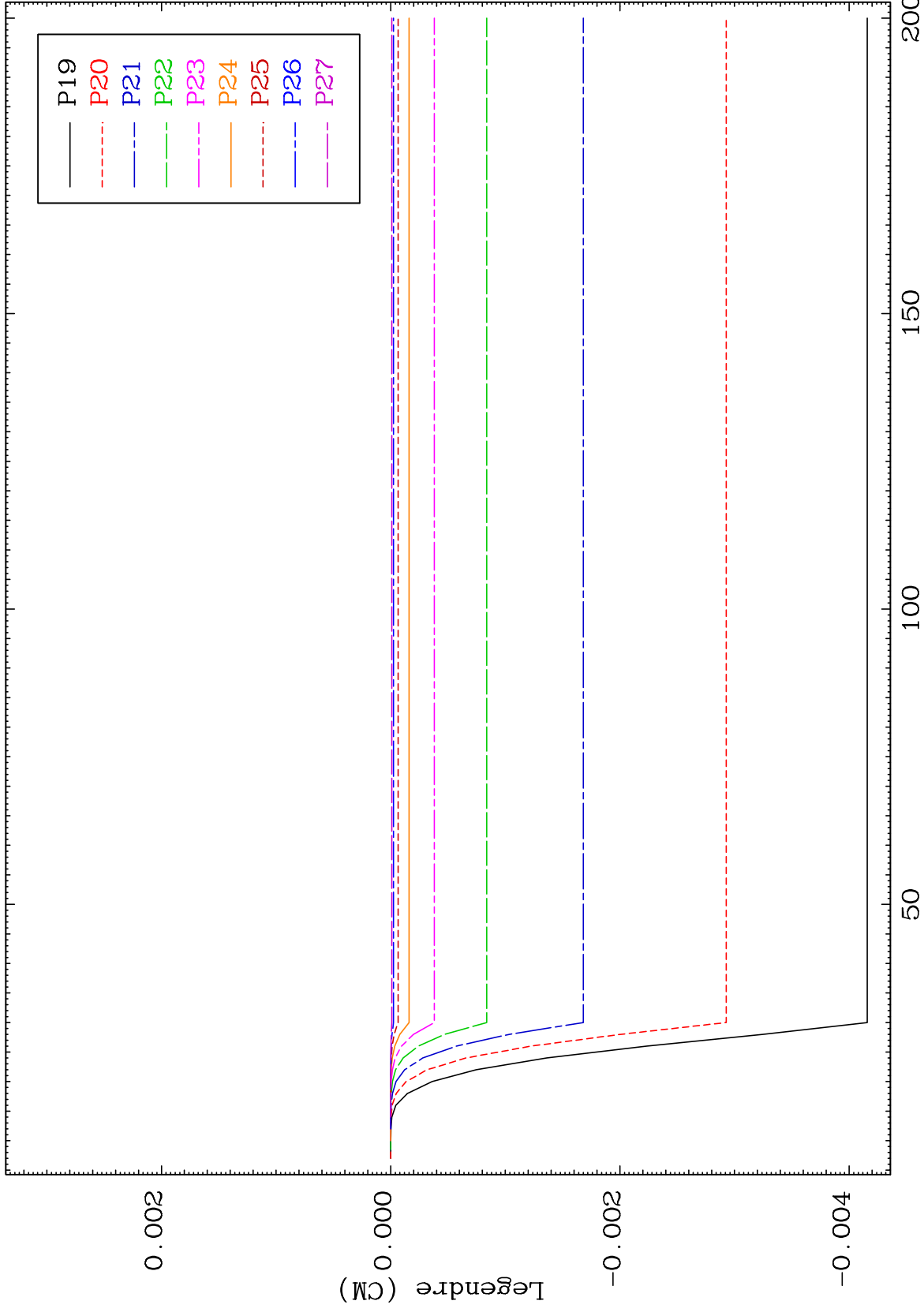
56-Ba-133

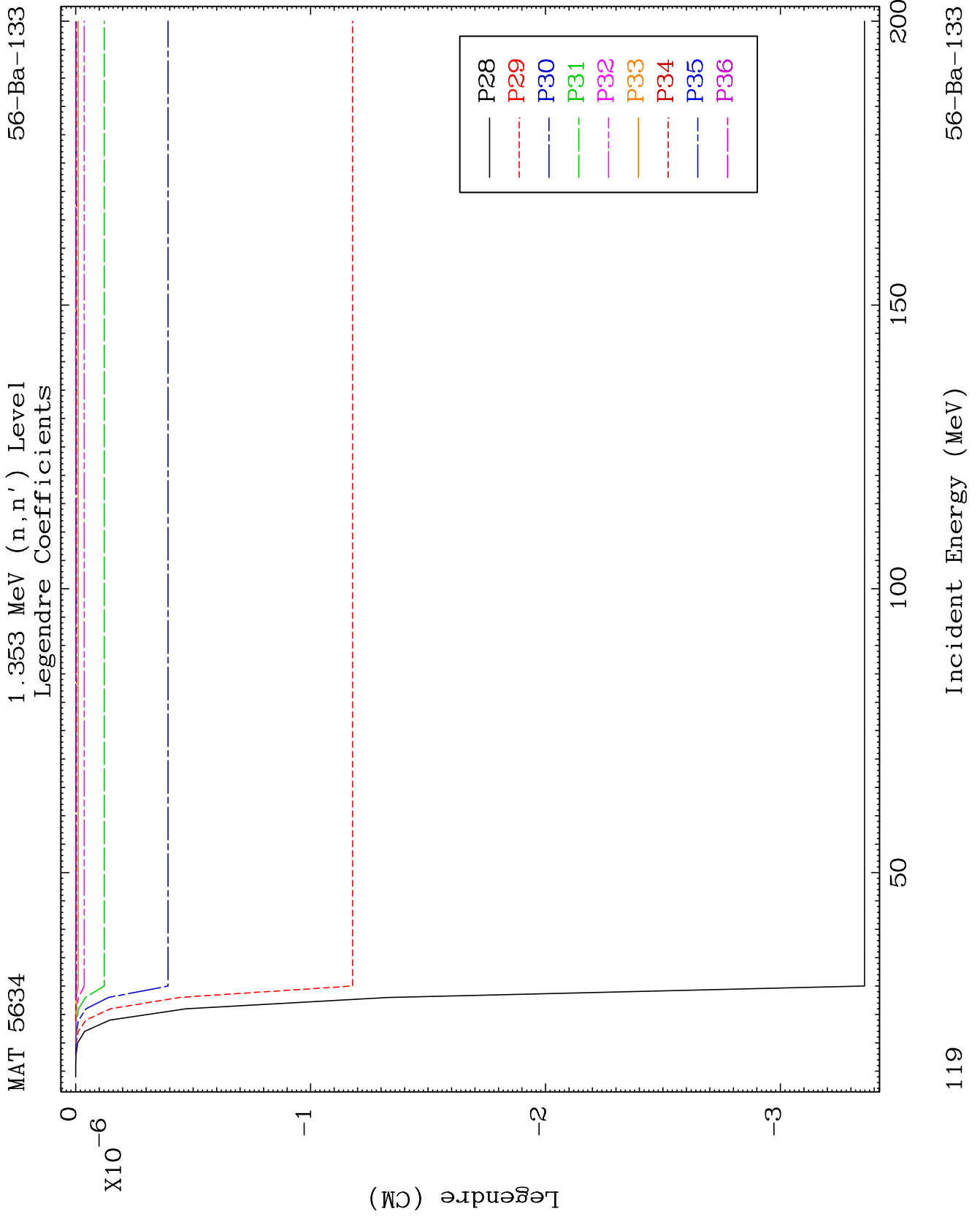


117

Incident Energy (MeV)

56-Ba-133

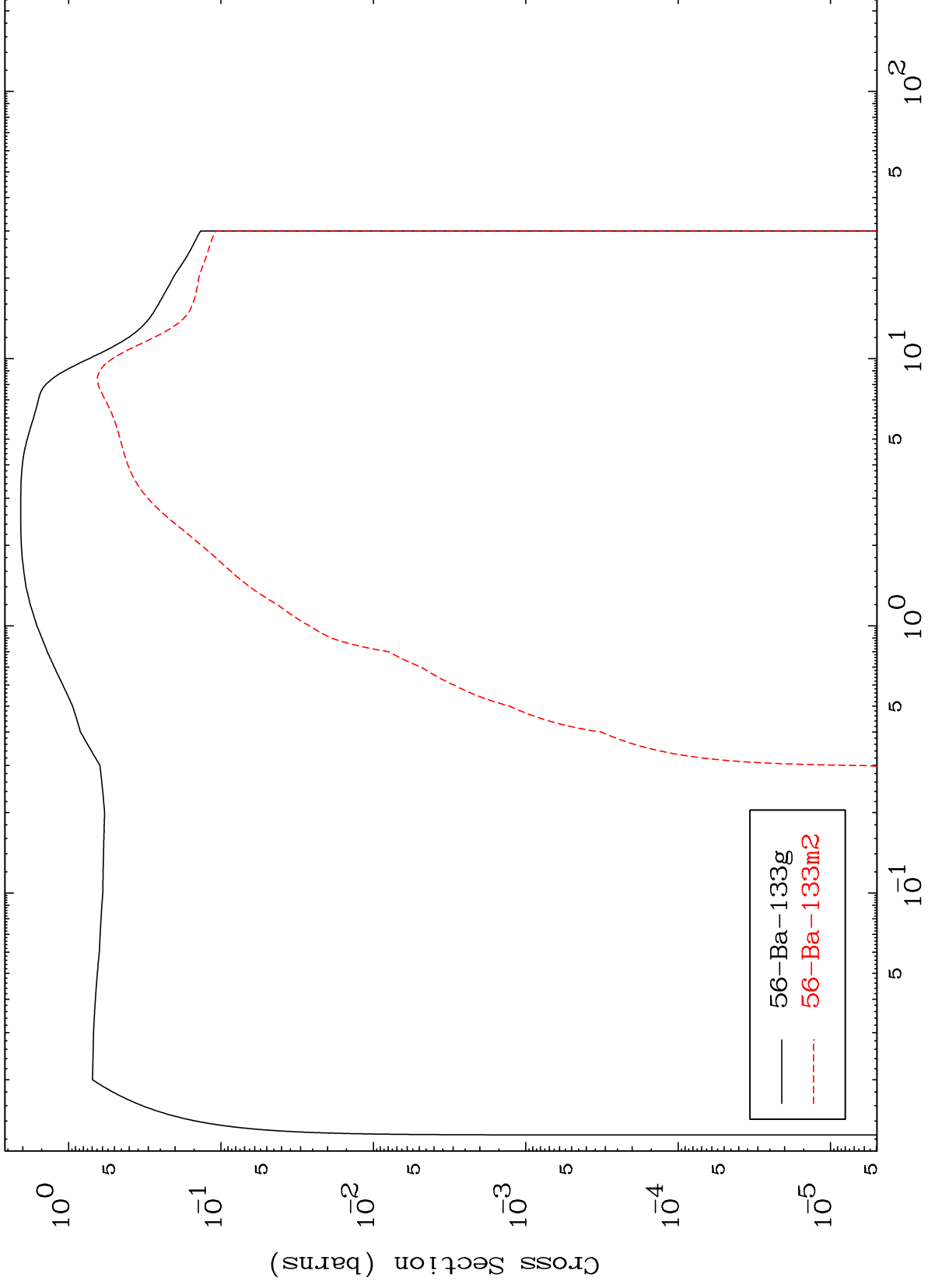




MAT 5634

56-Ba-133

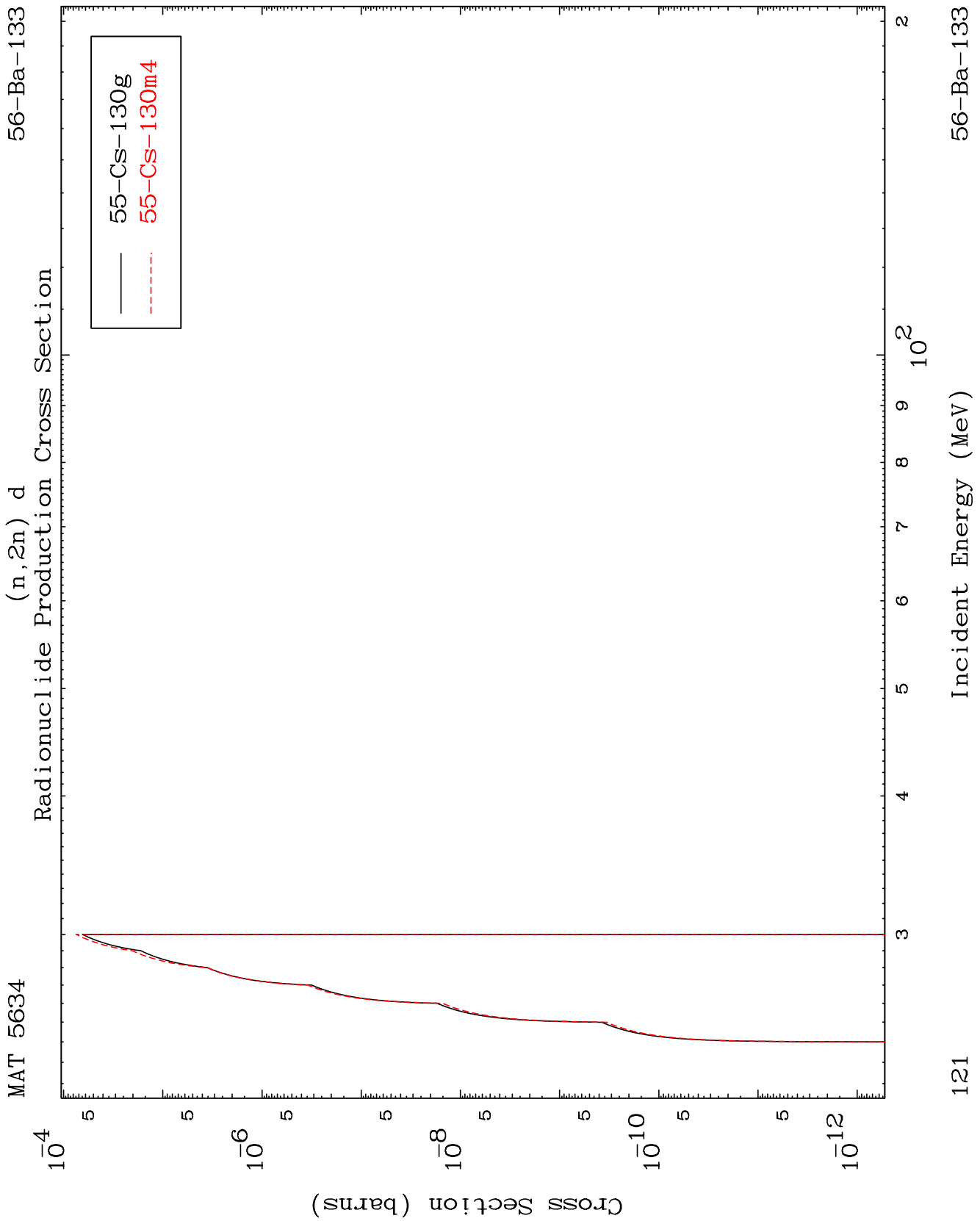
Inelastic
Radionuclide Production Cross Section



120

56-Ba-133

Incident Energy (MeV)

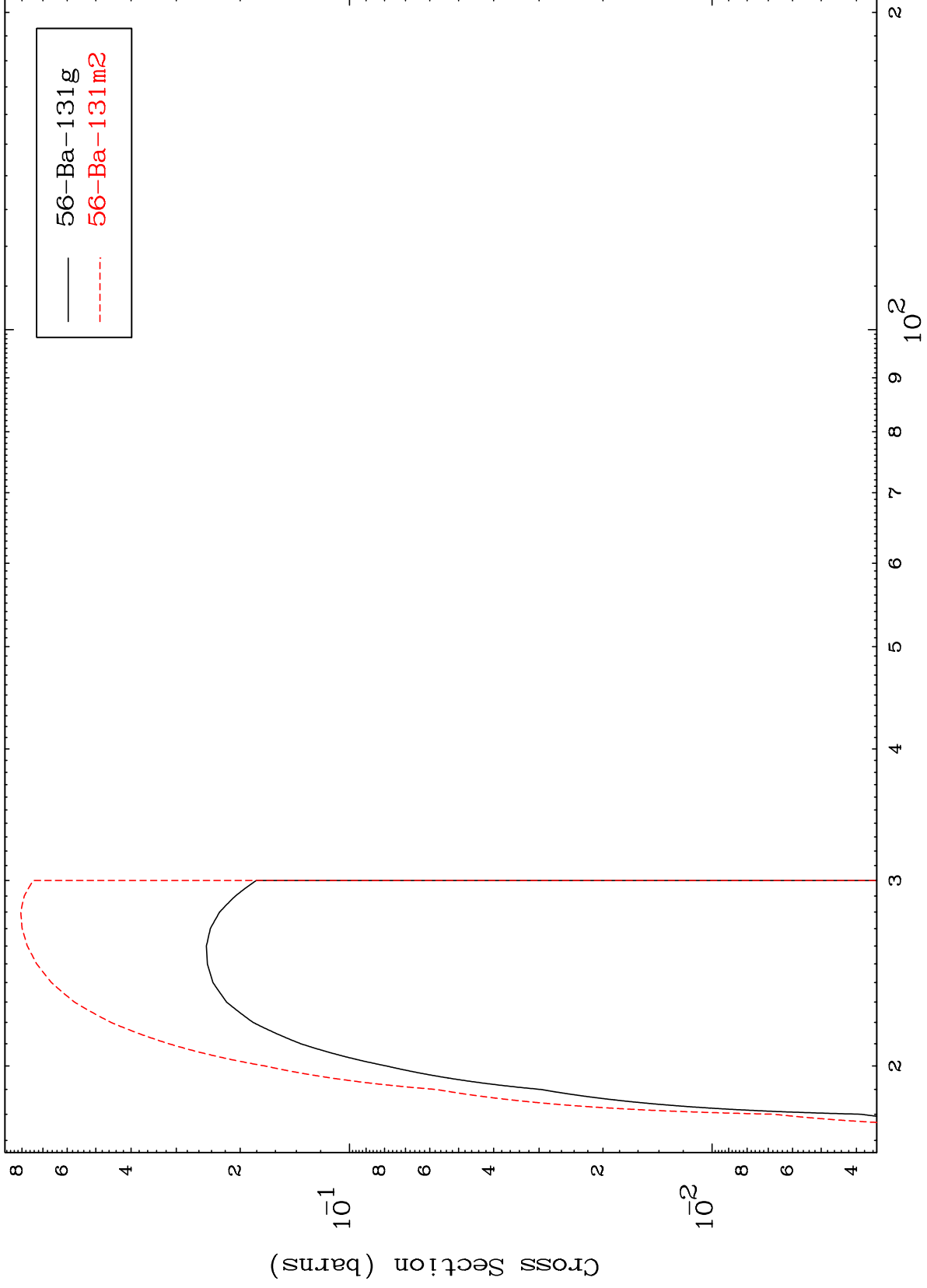


MAT 5634

(n,3n)

56-Ba-133

Radionuclide Production Cross Section



122

Incident Energy (MeV)

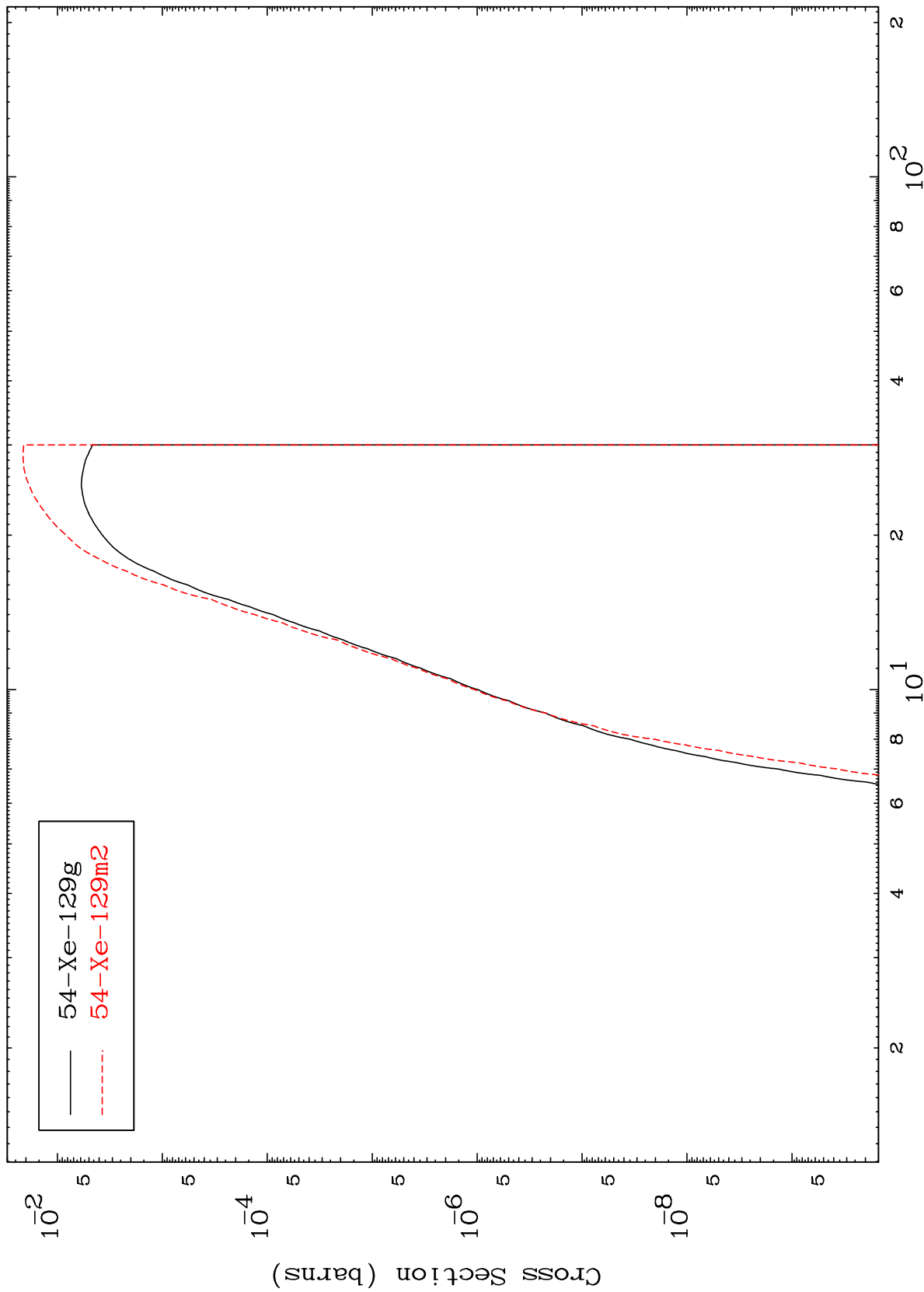
56-Ba-133

MAT 5634

(n,n') α

56-Ba-133

Radionuclide Production Cross Section



123

Incident Energy (MeV)

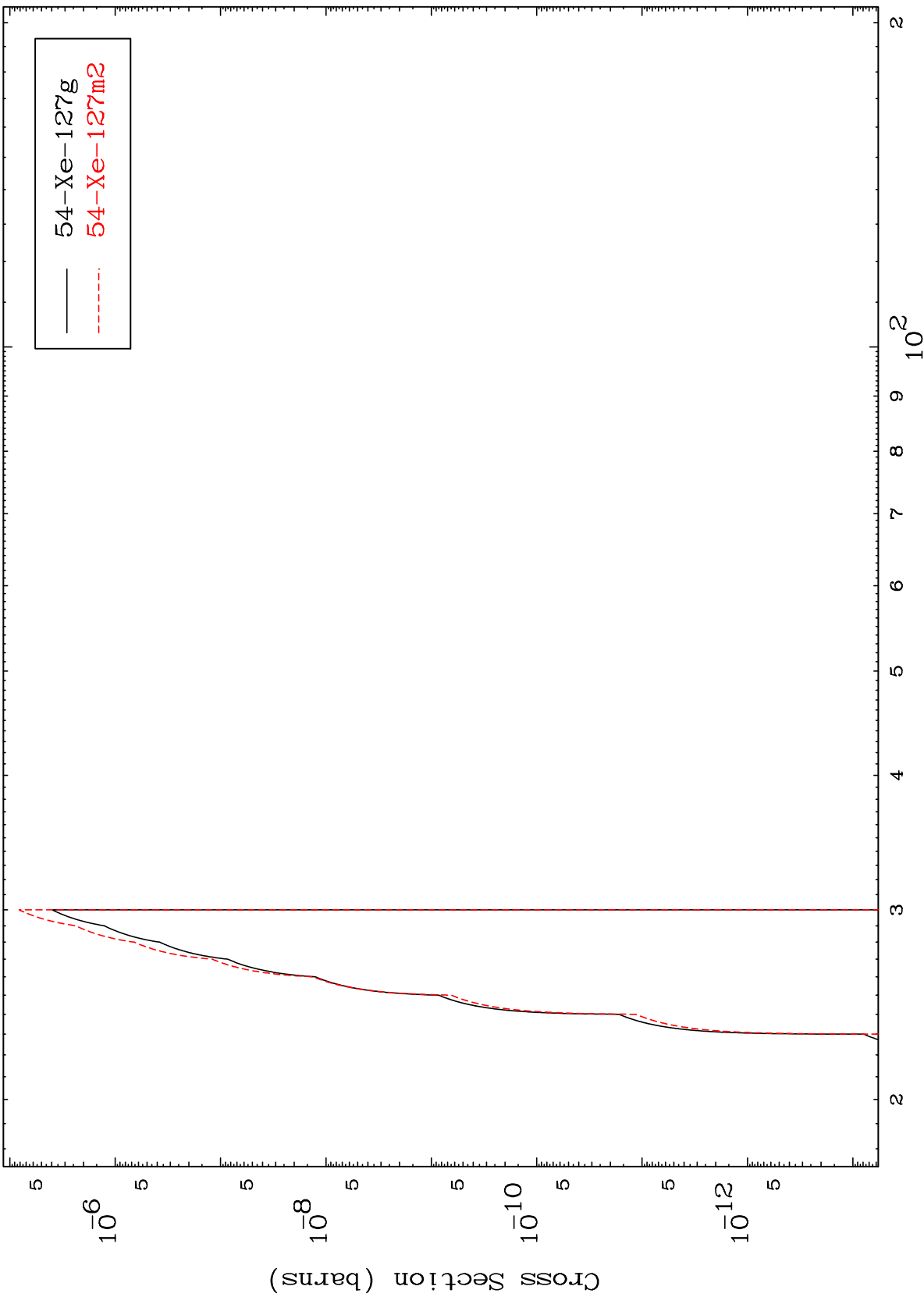
56-Ba-133

MAT 5634

(n,3n) α

56-Ba-133

Radionuclide Production Cross Section



124

Incident Energy (MeV)

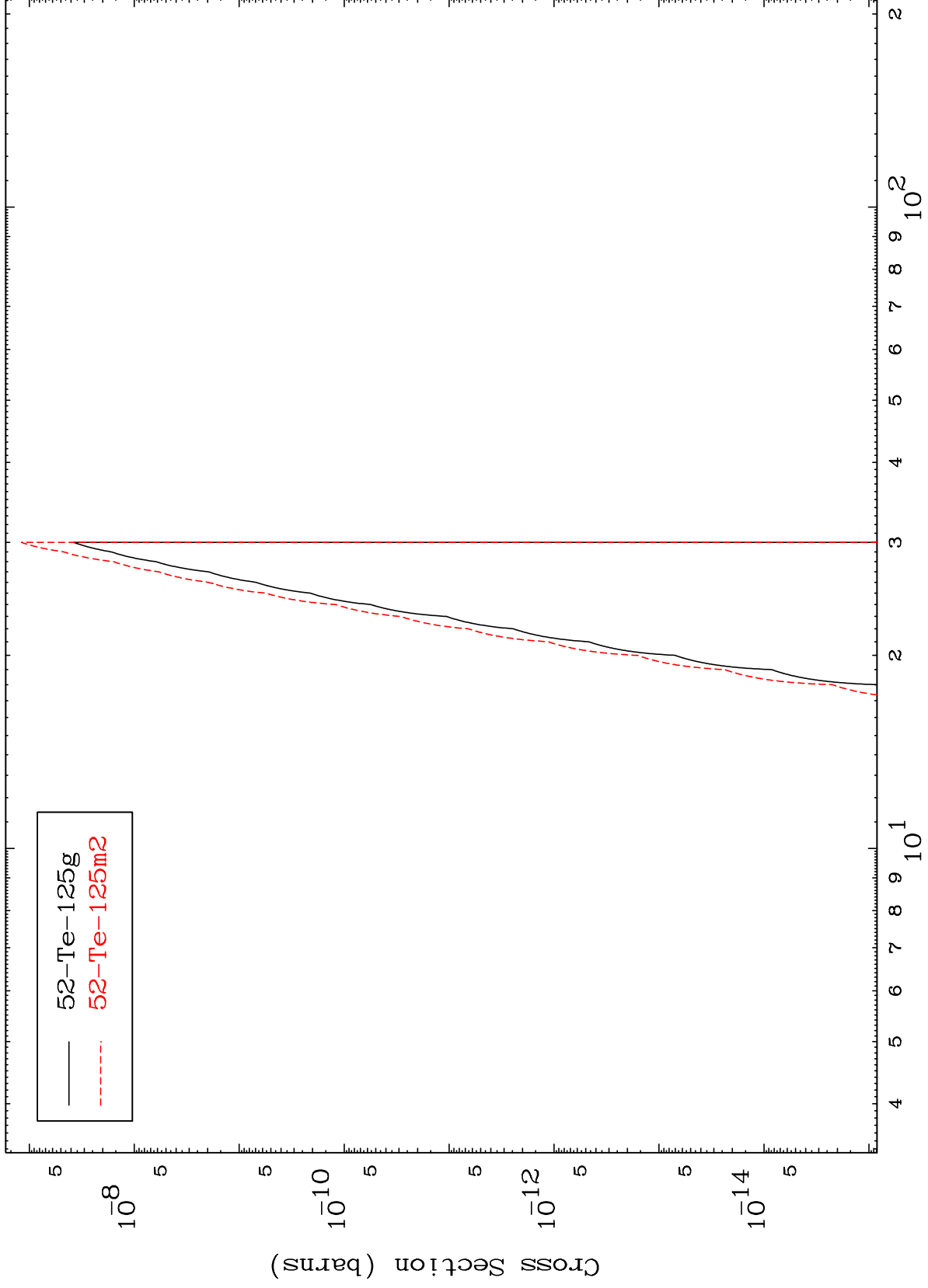
56-Ba-133

MAT 5634

(n, n') 2α

56-Ba-133

Radionuclide Production Cross Section



125

Incident Energy (MeV)

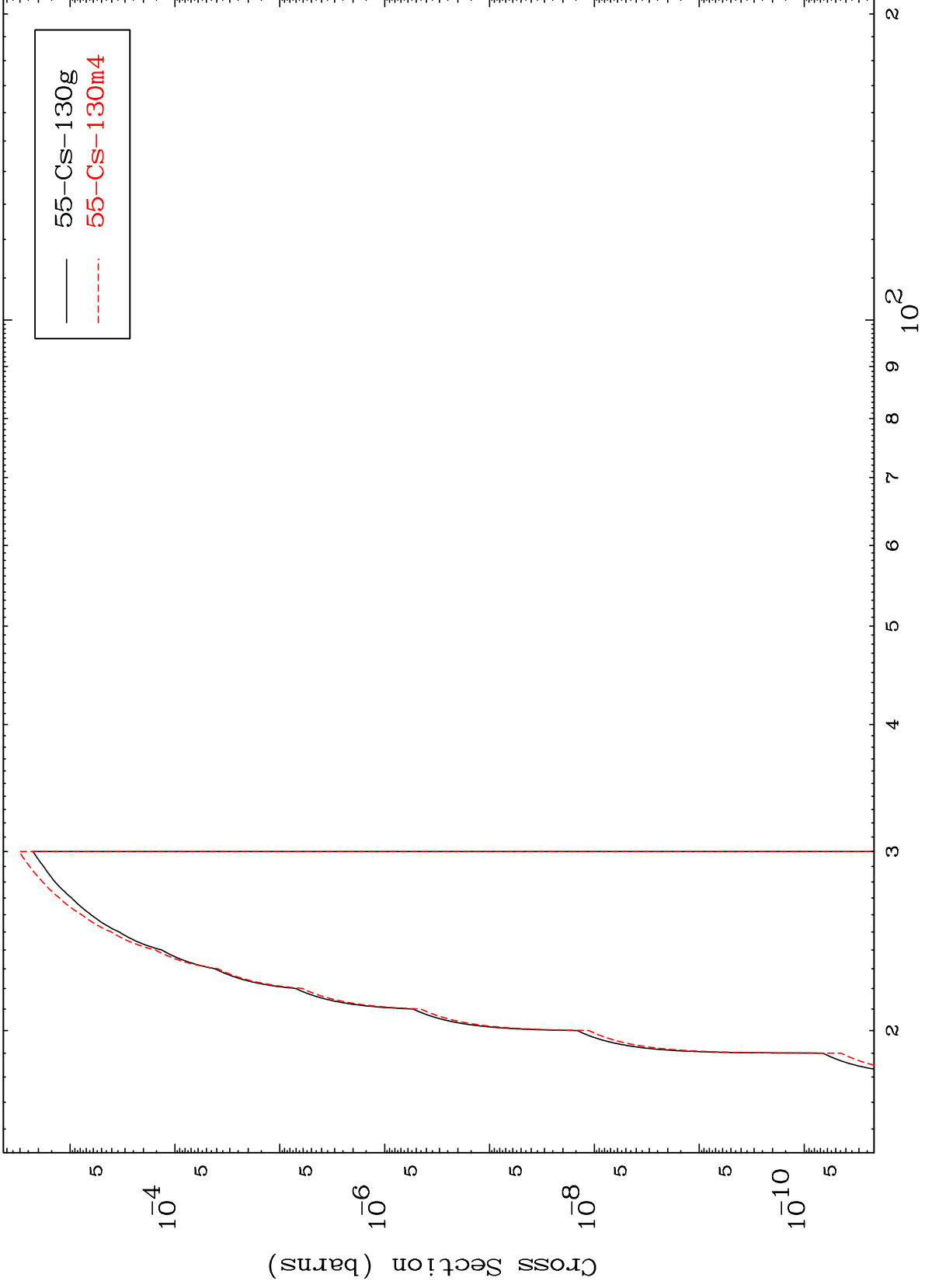
56-Ba-133

MAT 5634

(n,n') t

56-Ba-133

Radionuclide Production Cross Section

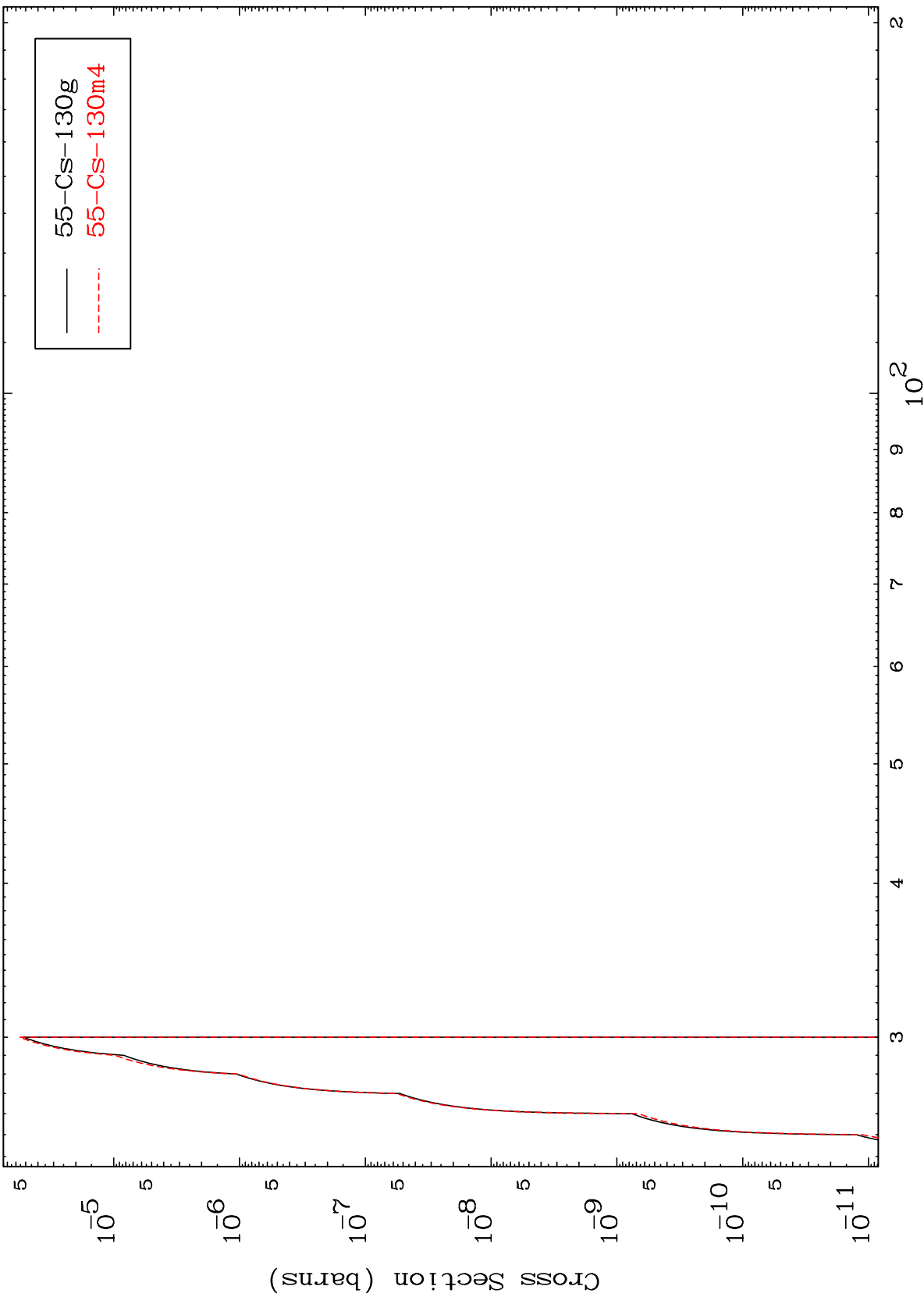


126

Incident Energy (MeV)

56-Ba-133

(n,3n) p
Radionuclide Production Cross Section

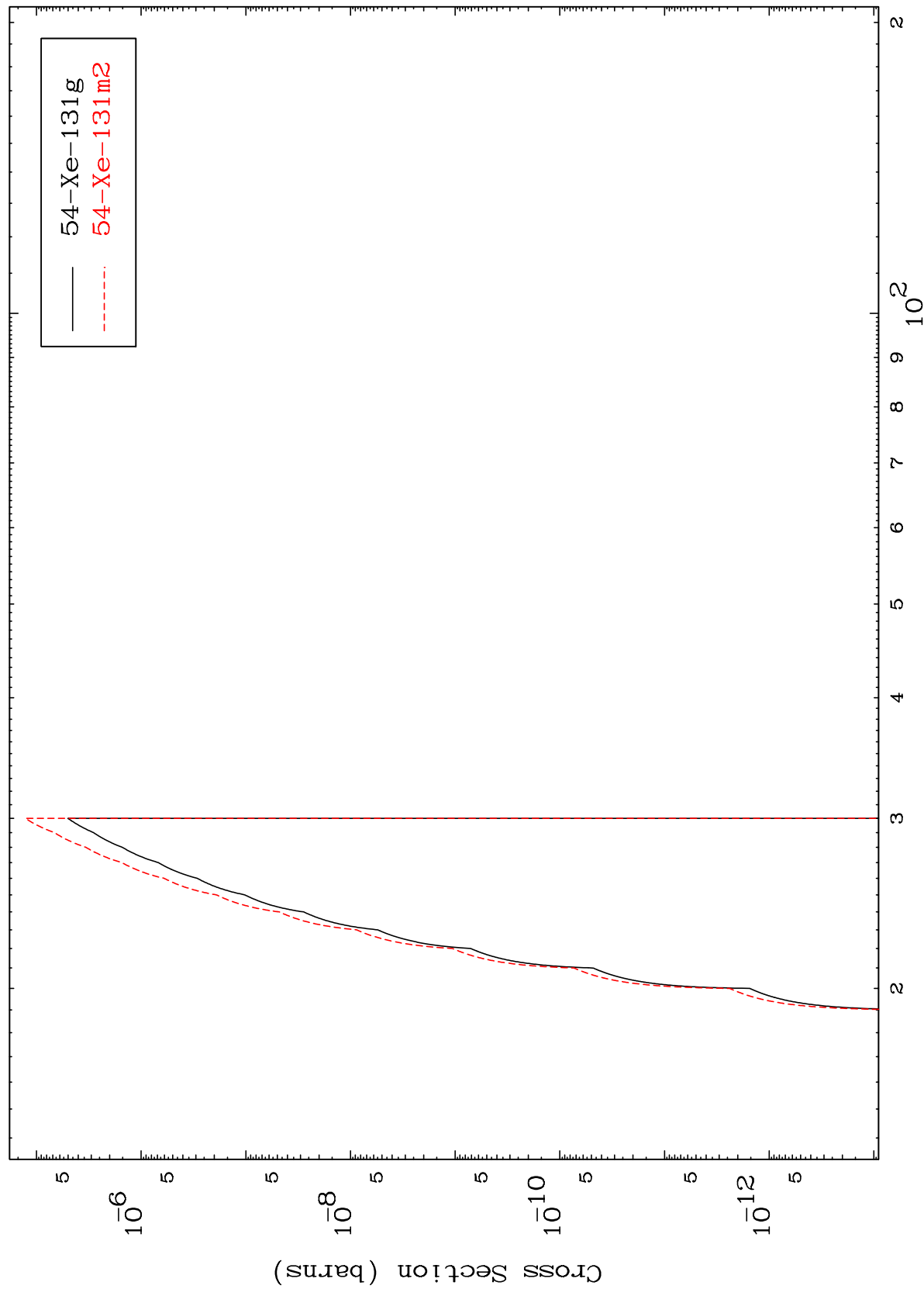


MAT 5634

(n,2n) p

56-Ba-133

Radionuclide Production Cross Section



128

Incident Energy (MeV)

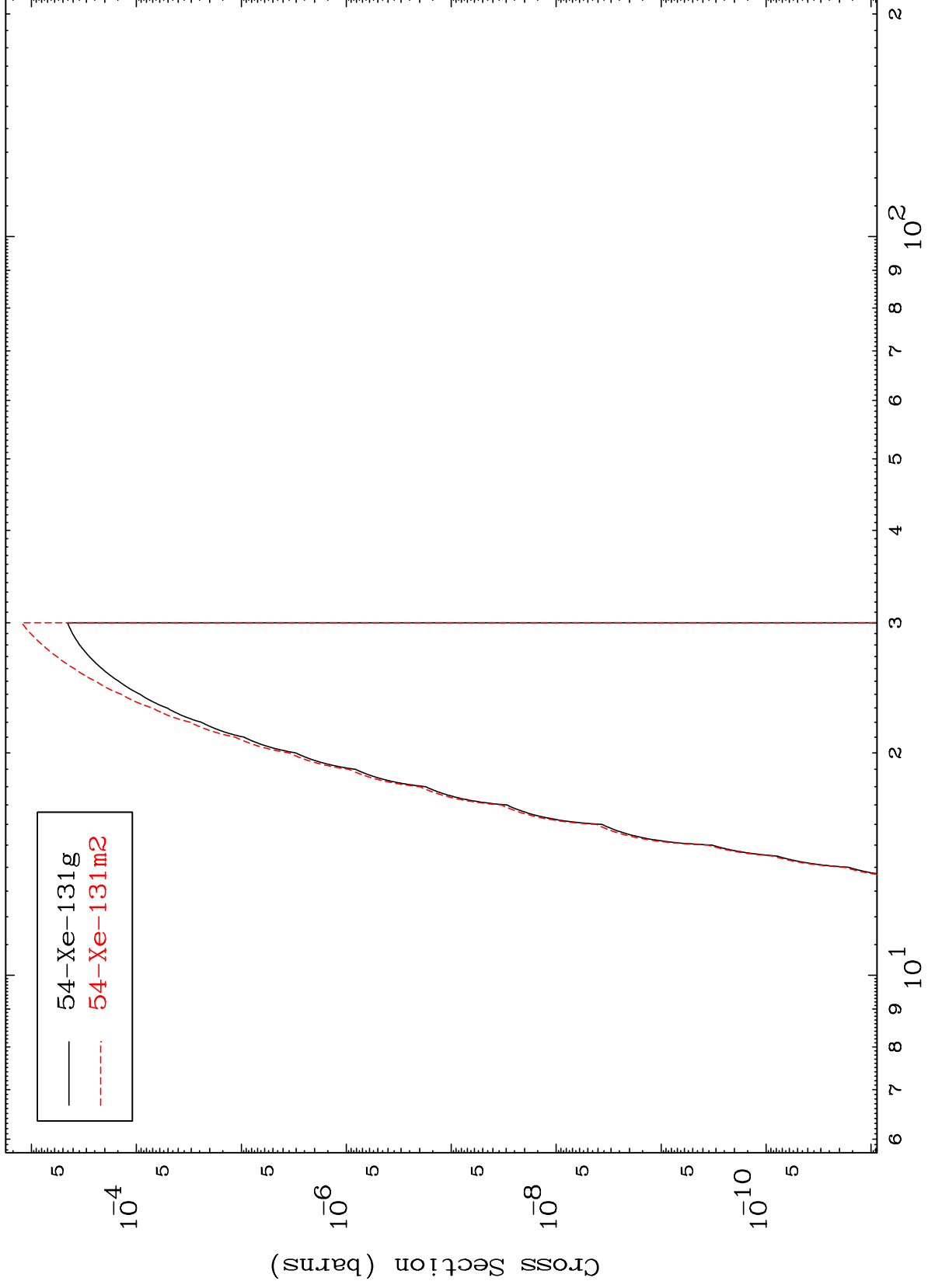
56-Ba-133

MAT 5634

(n,He-3)

56-Ba-133

Radionuclide Production Cross Section



129

Incident Energy (MeV)

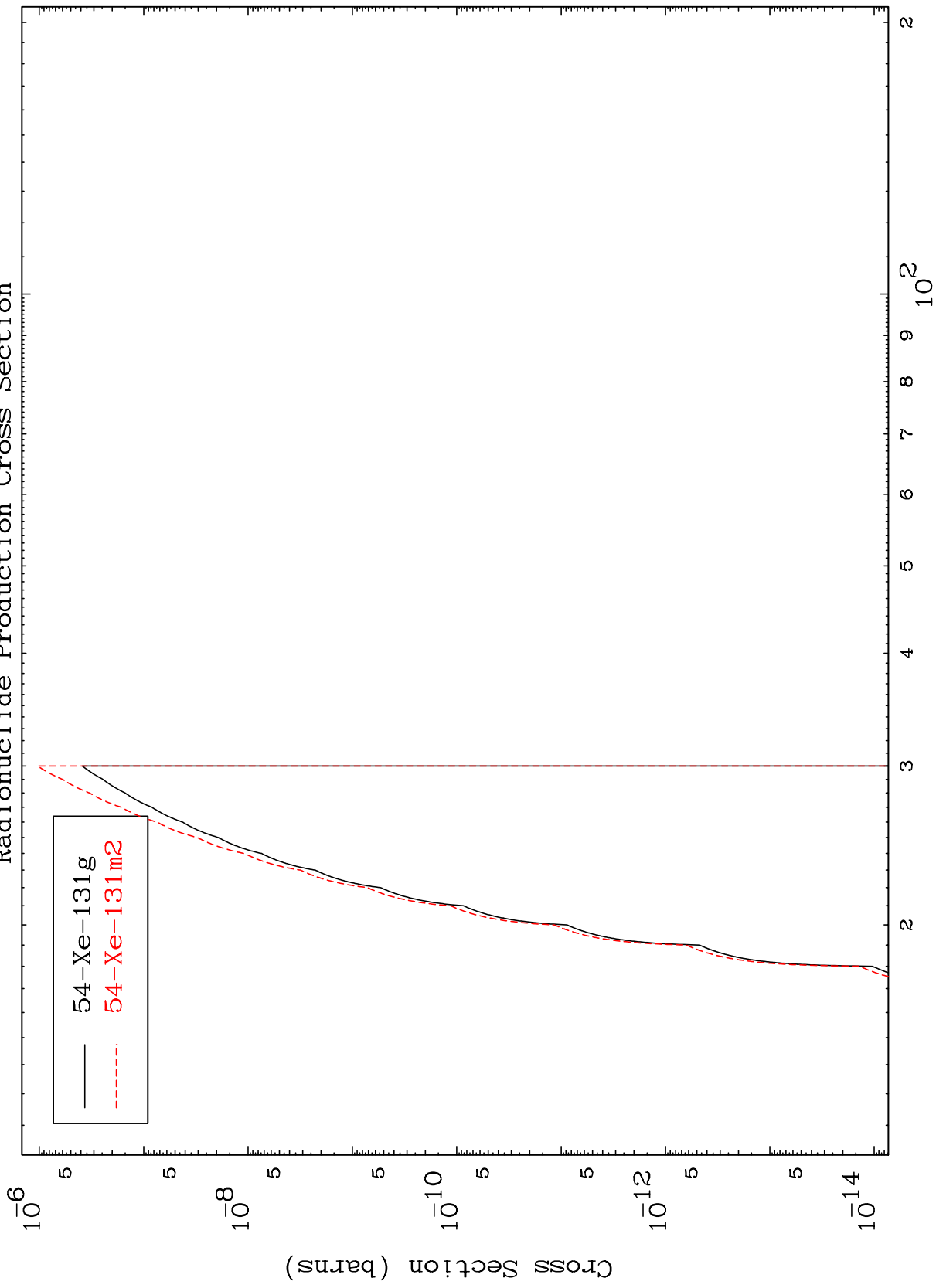
56-Ba-133

MAT 5634

(n,p) d

56-Ba-133

Radionuclide Production Cross Section



130

Incident Energy (MeV)

56-Ba-133