

Program EVALPLOT
(Version 2015-2)

by

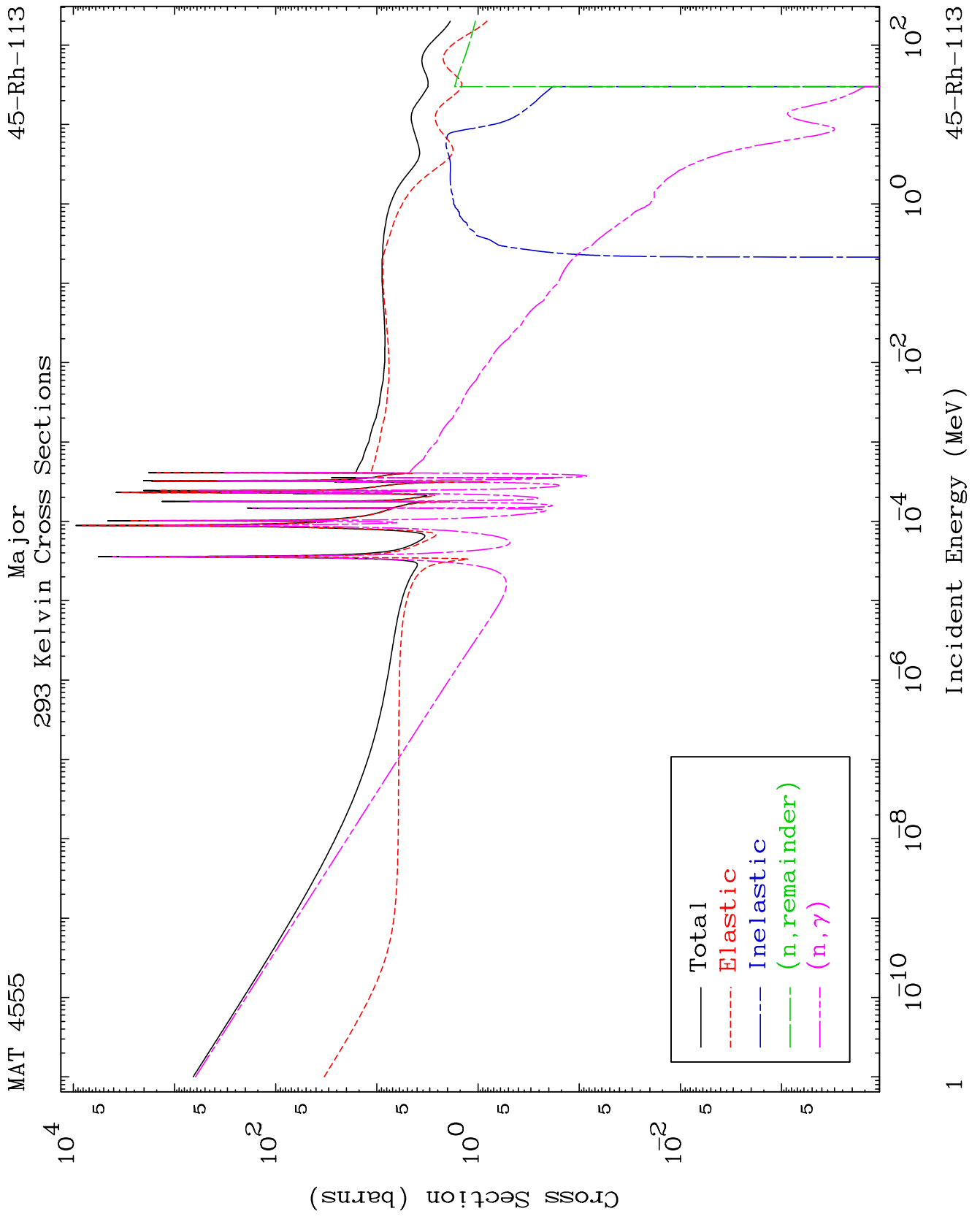
Dermott E. Cullen
(Present Contact Information)

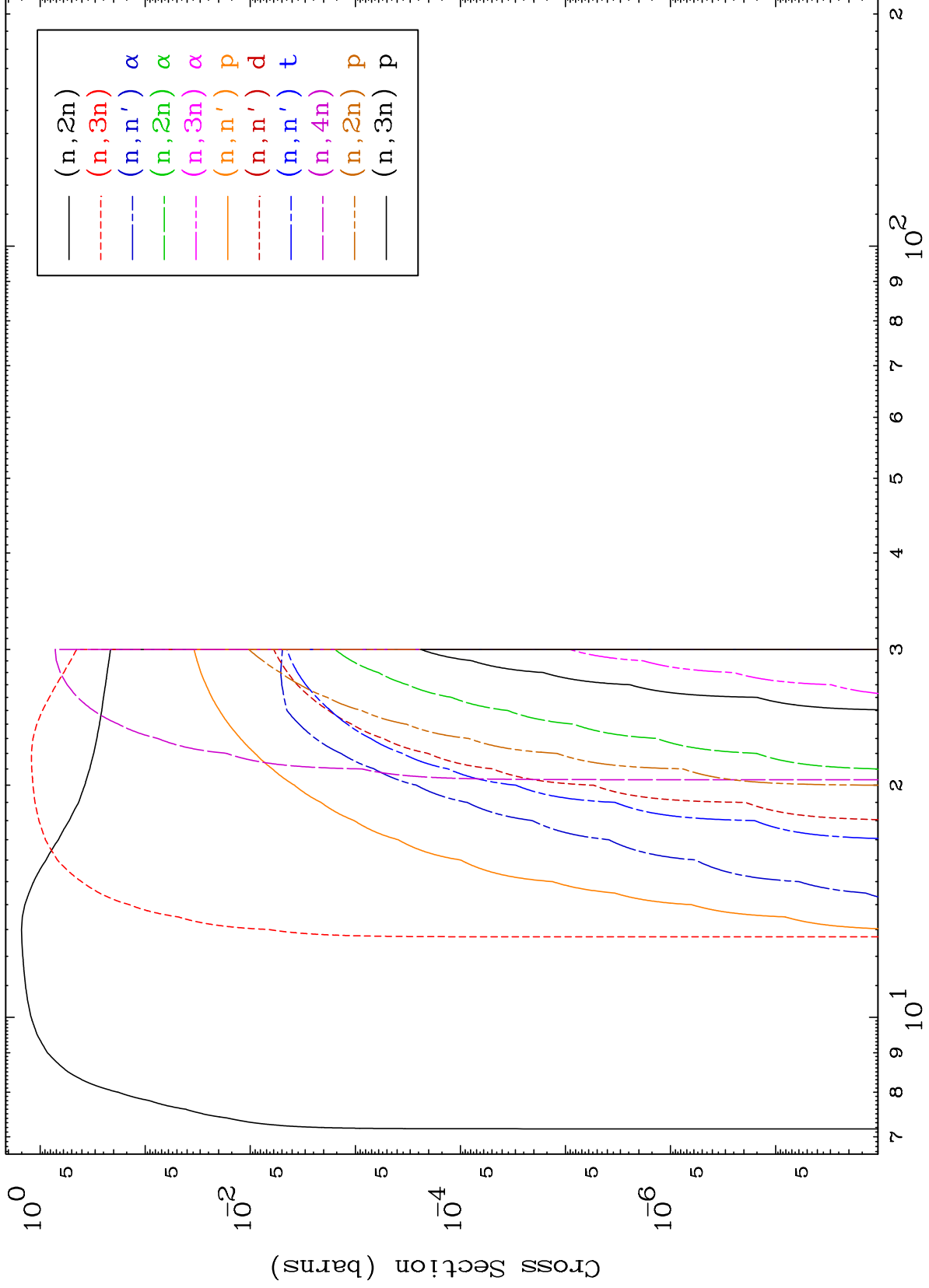
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

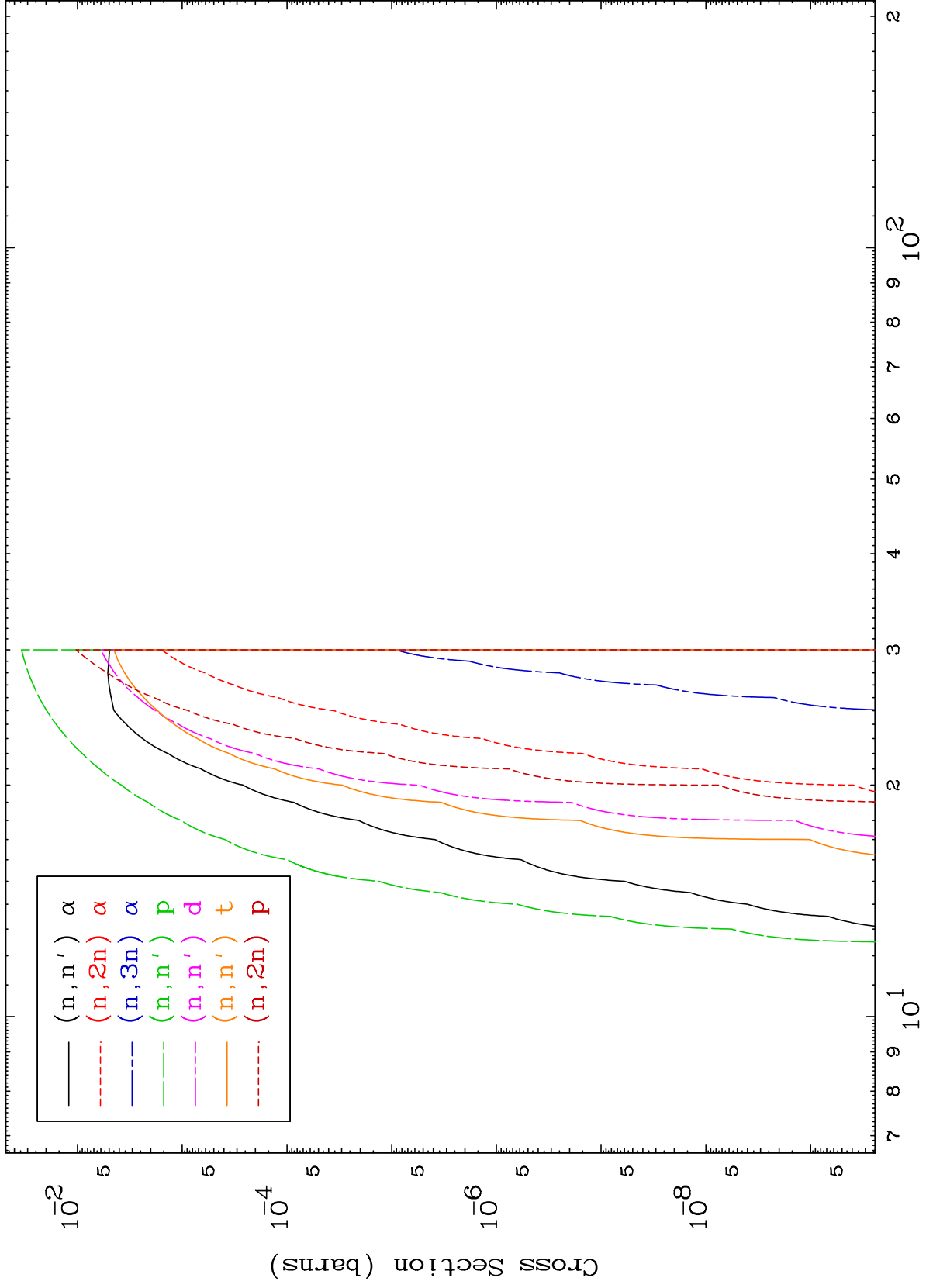
Tele: 925-443-1911

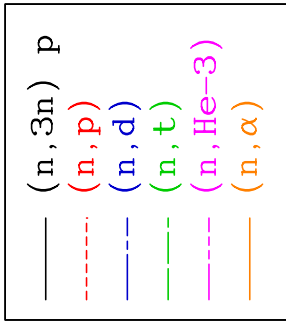
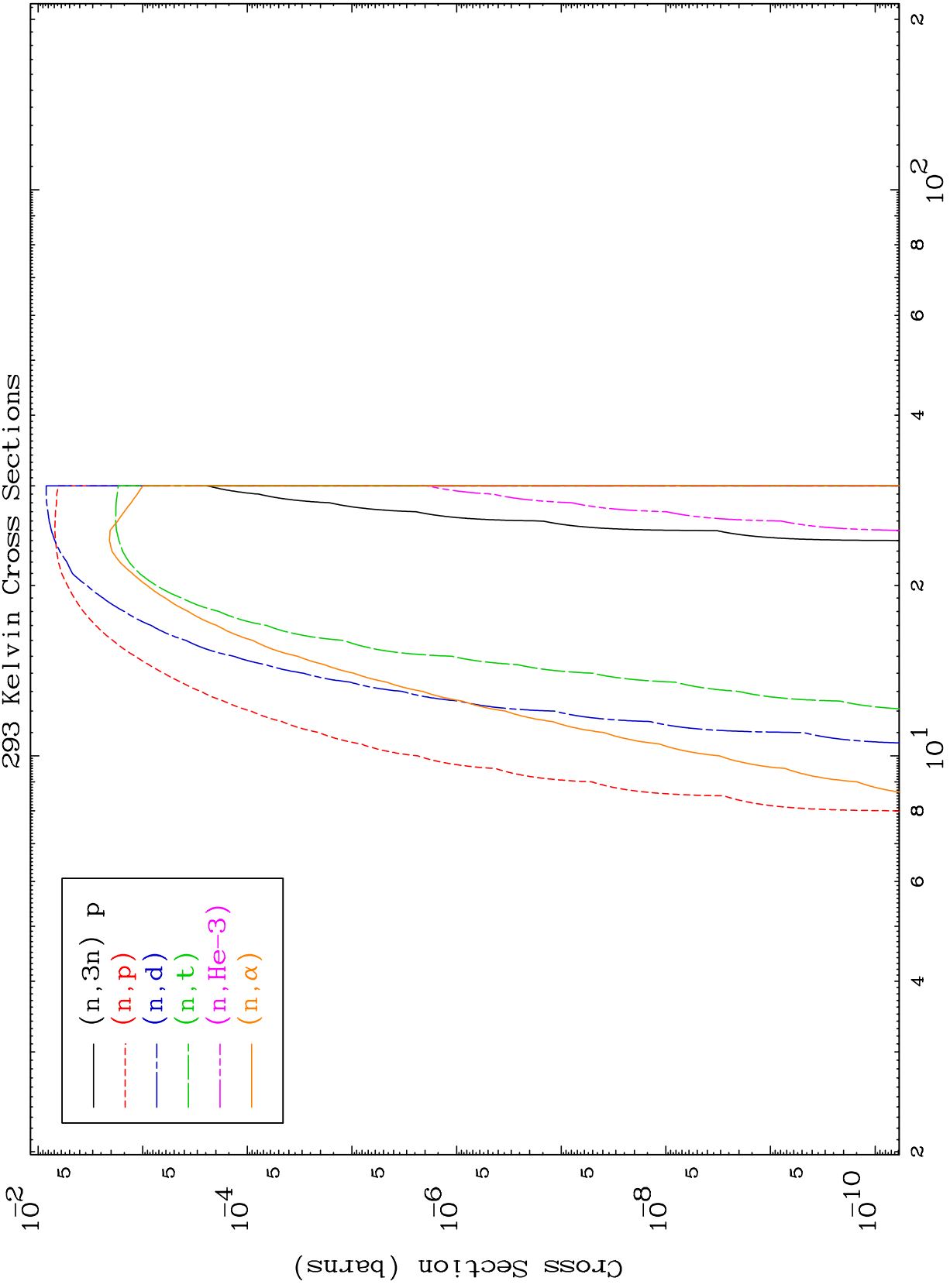
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start





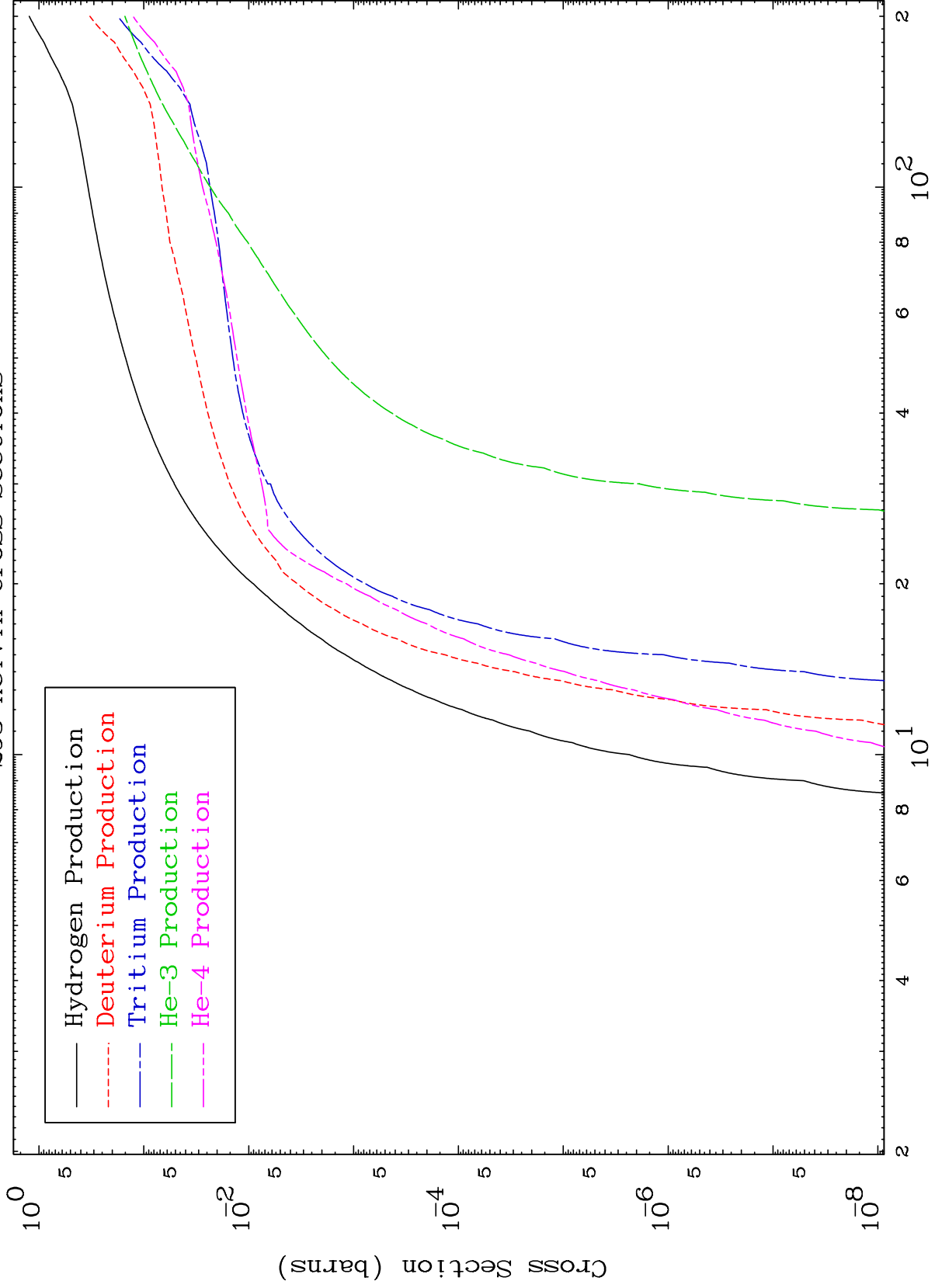




MAT 4555

Particle Production
293 Kelvin Cross Sections

45-Rh-113



5

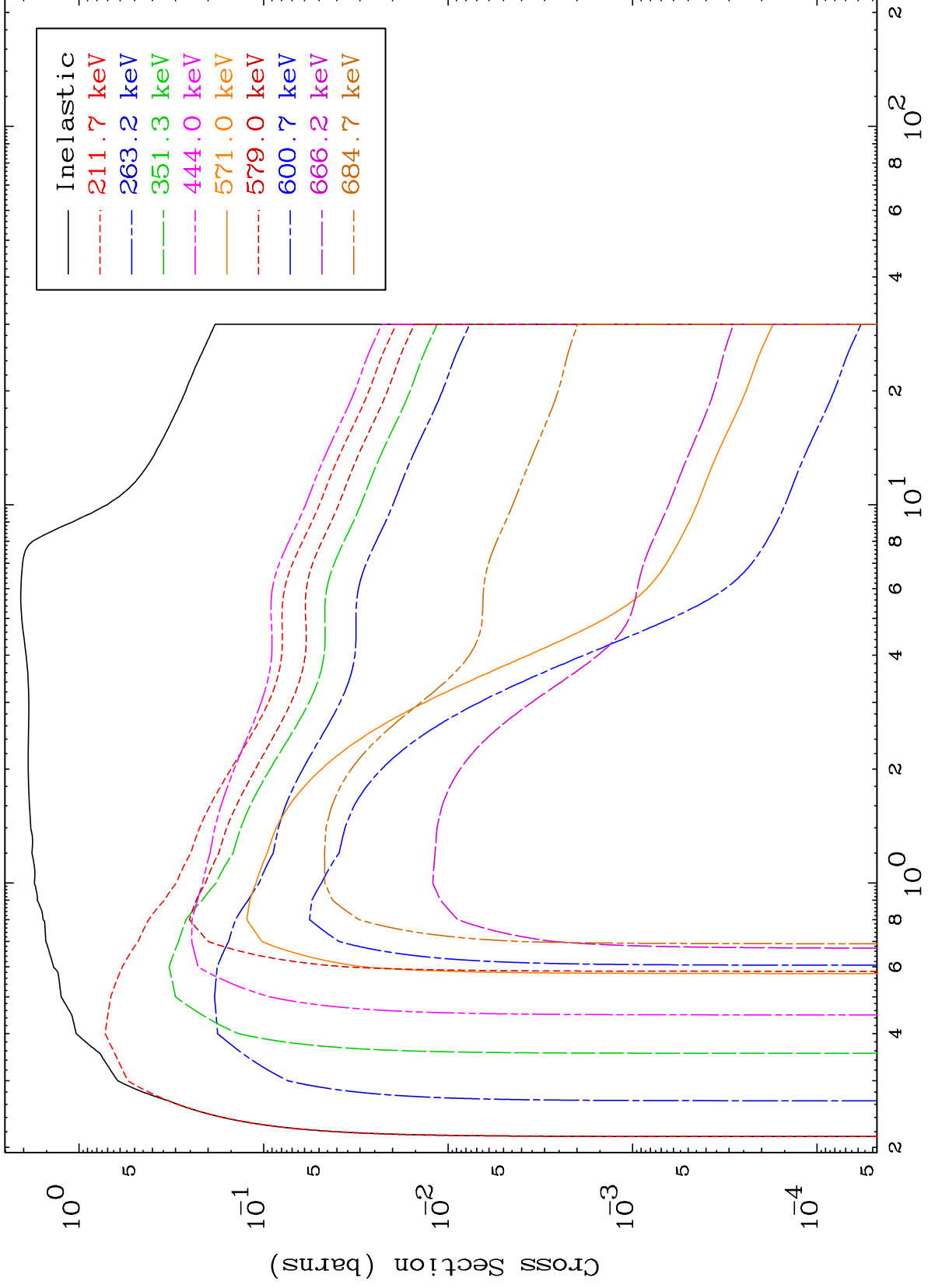
Incident Energy (MeV)

45-Rh-113

MAT 4555

(n,n') Level
293 Kelvin Cross Sections

45-Rh-113



6

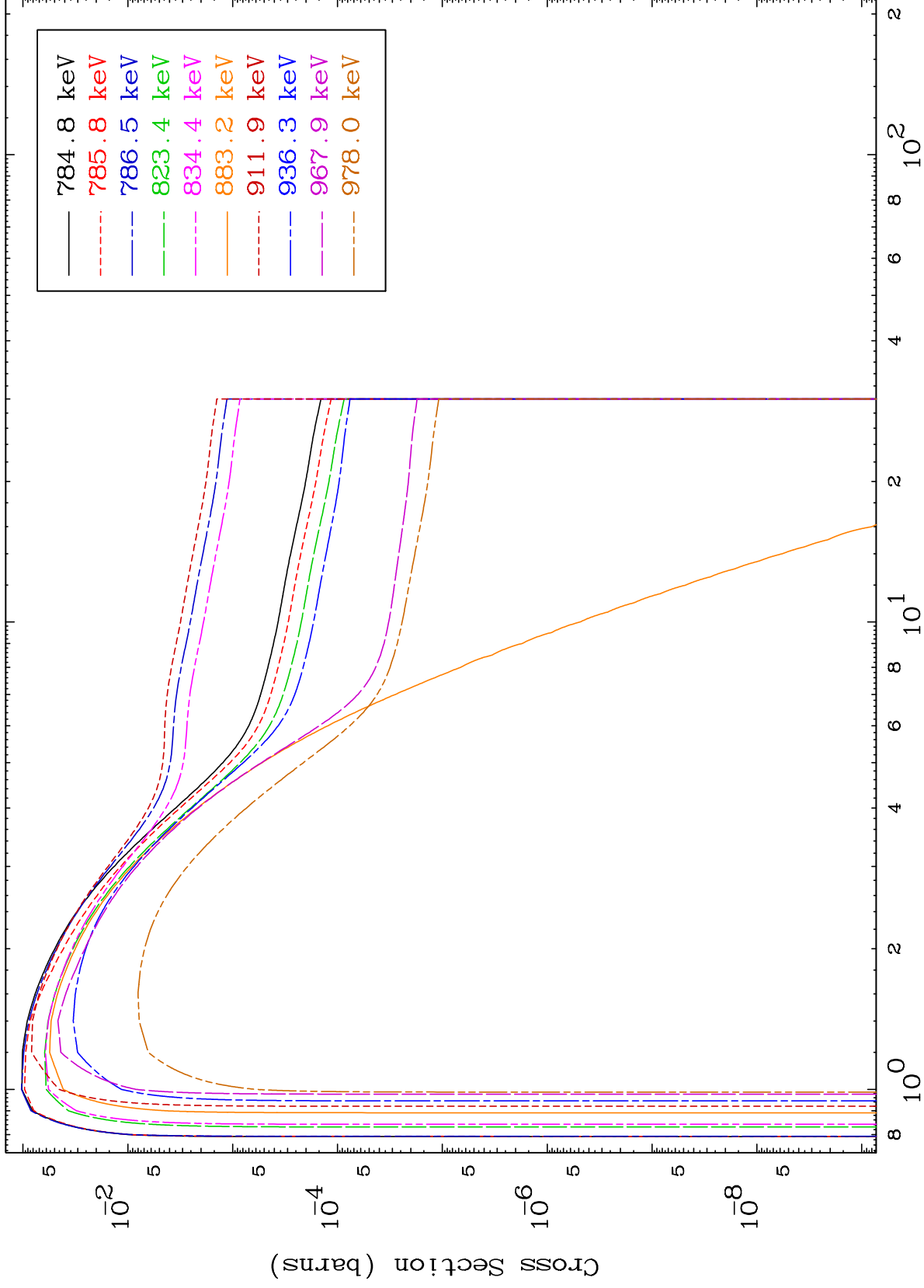
Incident Energy (MeV)

45-Rh-113

MAT 4555

(n,n') Level
293 Kelvin Cross Sections

45-Rh-113



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Incident Energy (MeV)

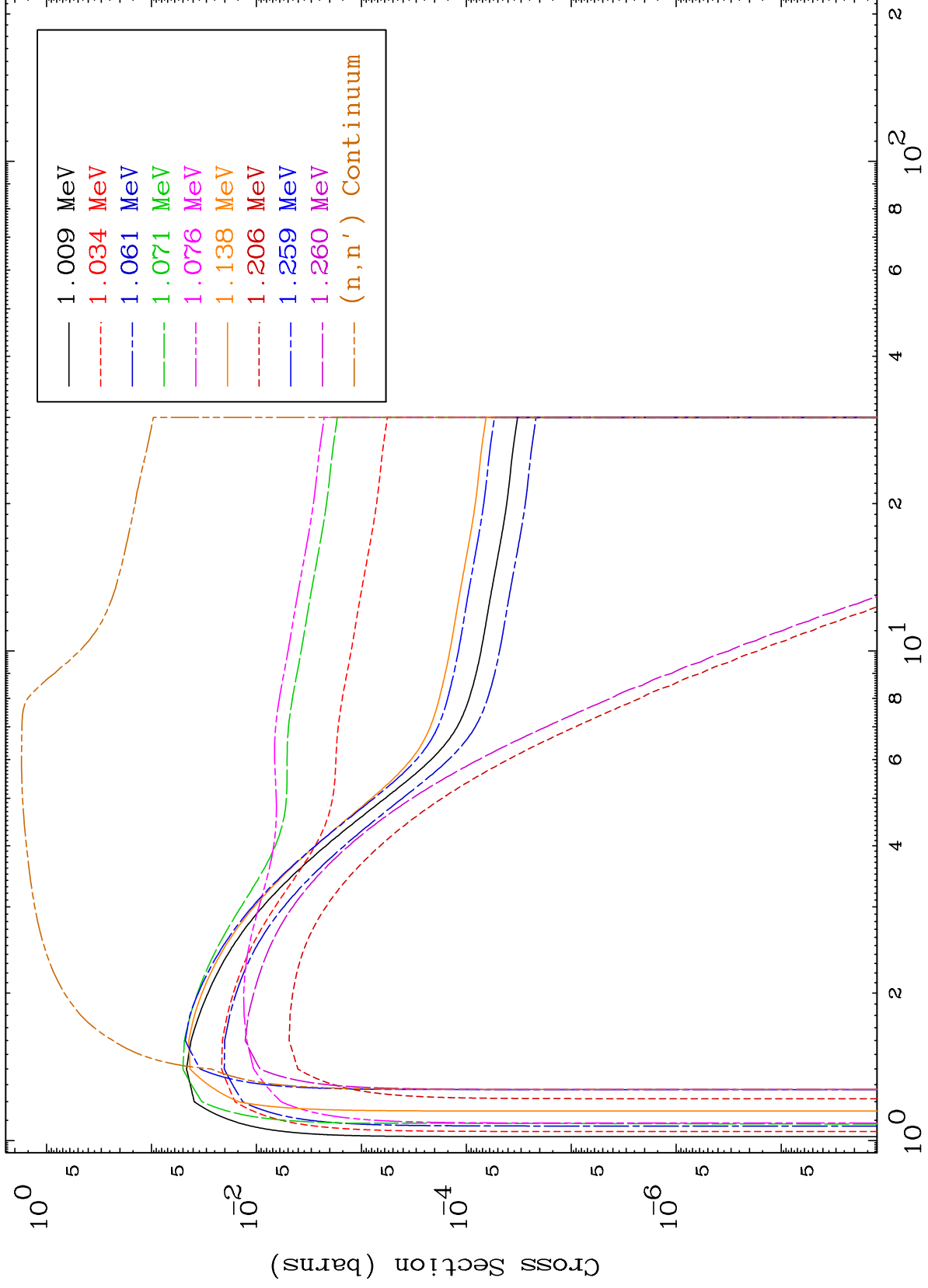
45-Rh-113

MAT 4555

(n,n') Level

45-Rh-113

293 Kelvin Cross Sections



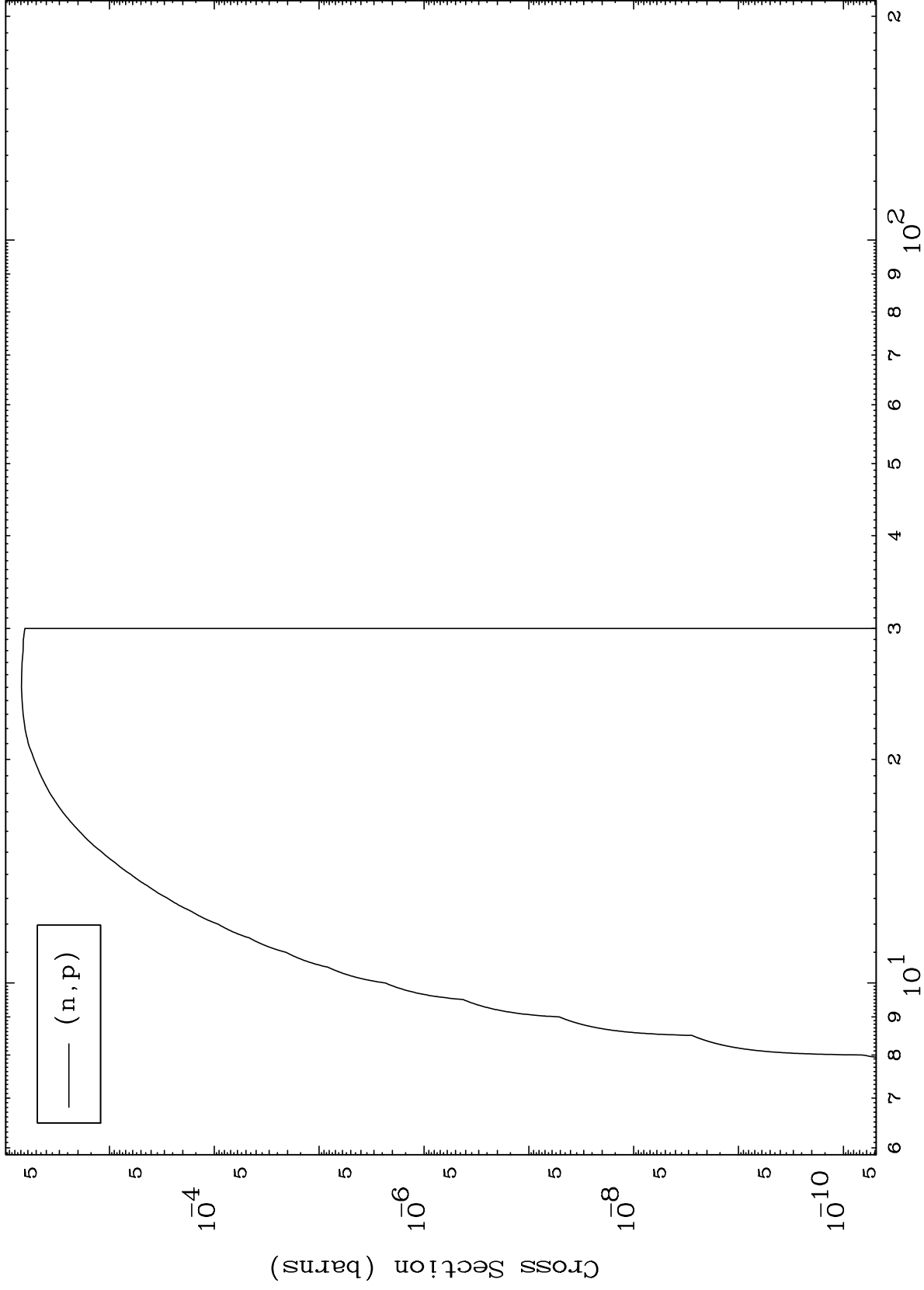
Incident Energy (MeV)

45-Rh-113

MAT 4555

(n,p) Levels
293 Kelvin Cross Sections

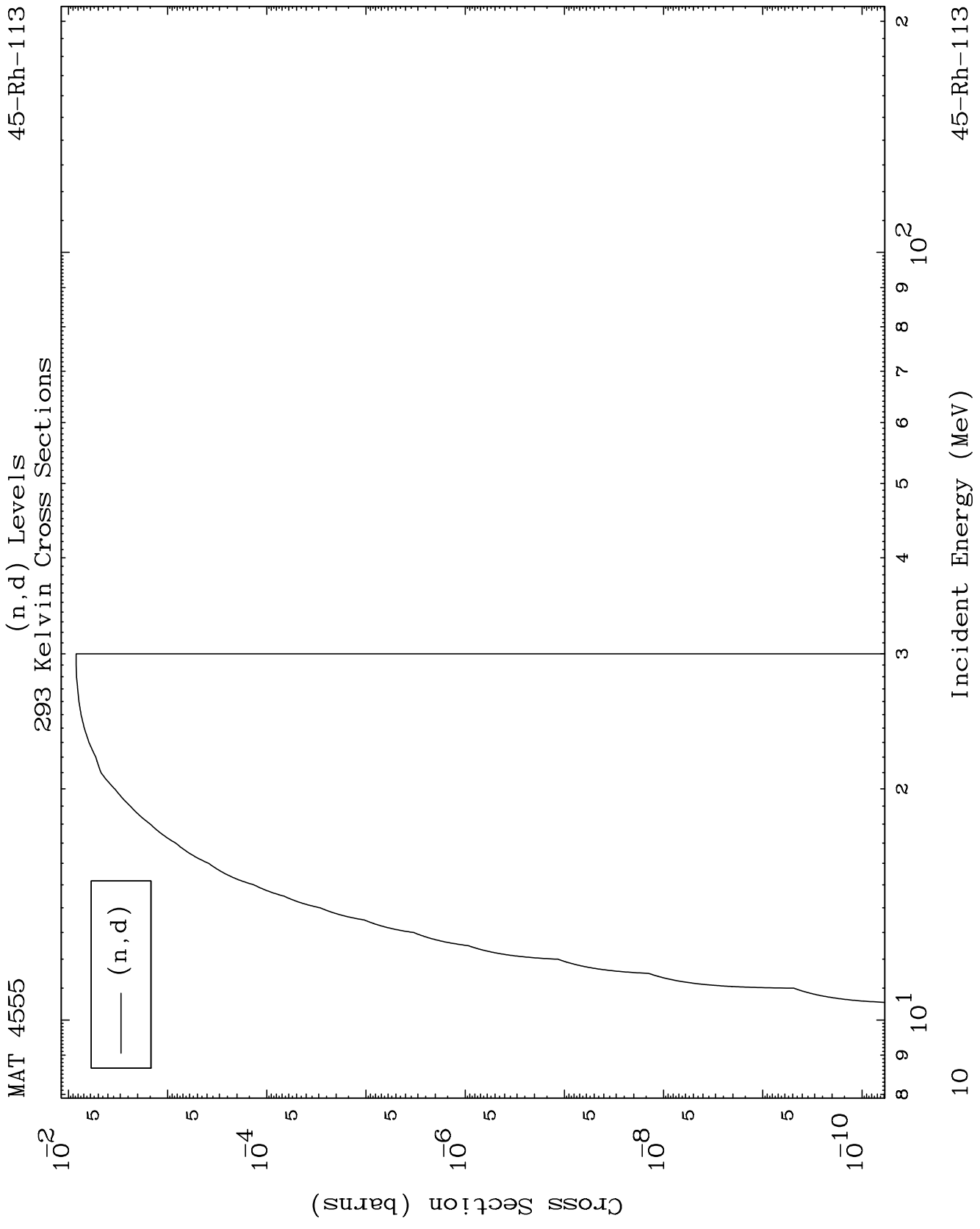
45-Rh-113



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Incident Energy (MeV)

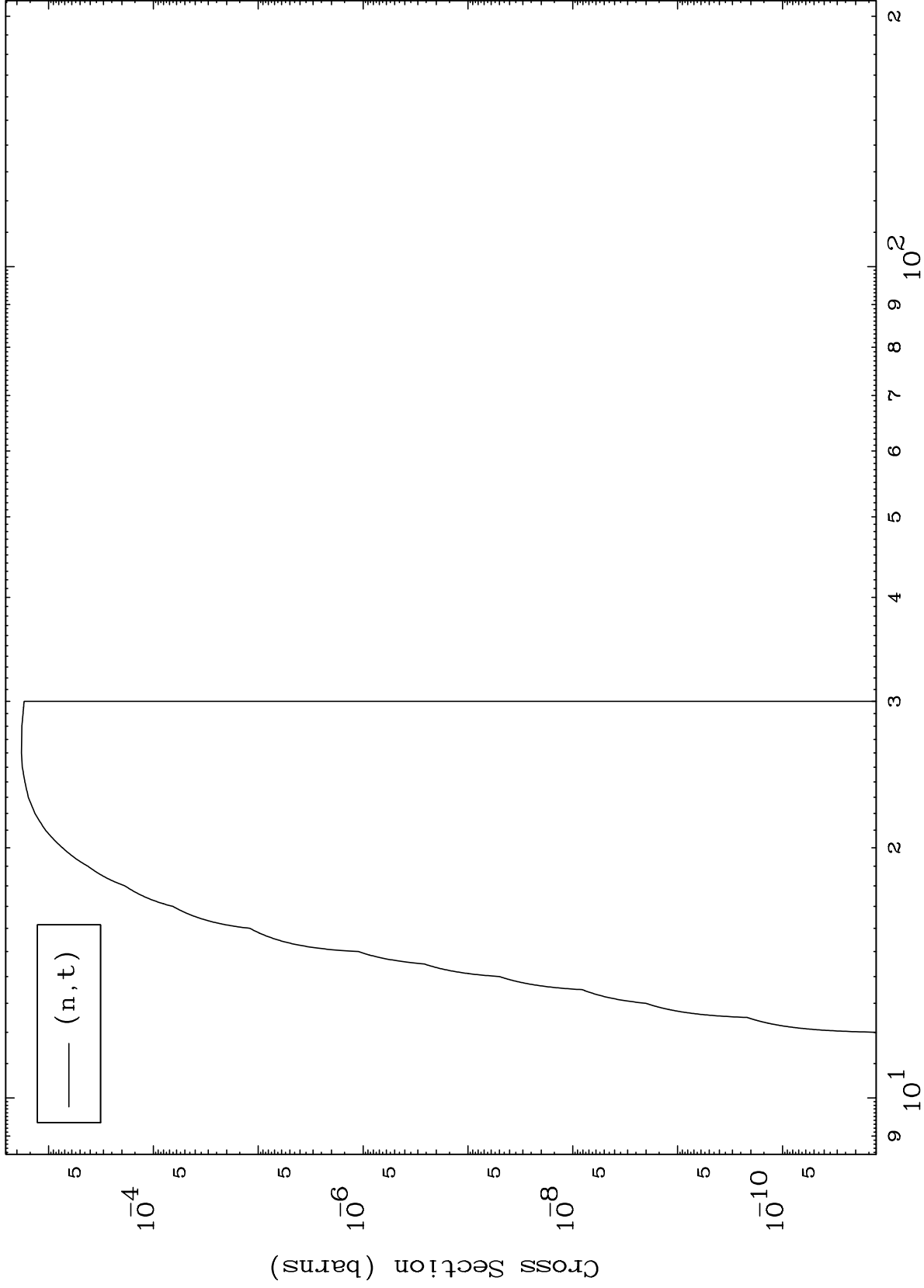
45-Rh-113



MAT 4555

(n,t) Levels
293 Kelvin Cross Sections

45-Rh-113



11

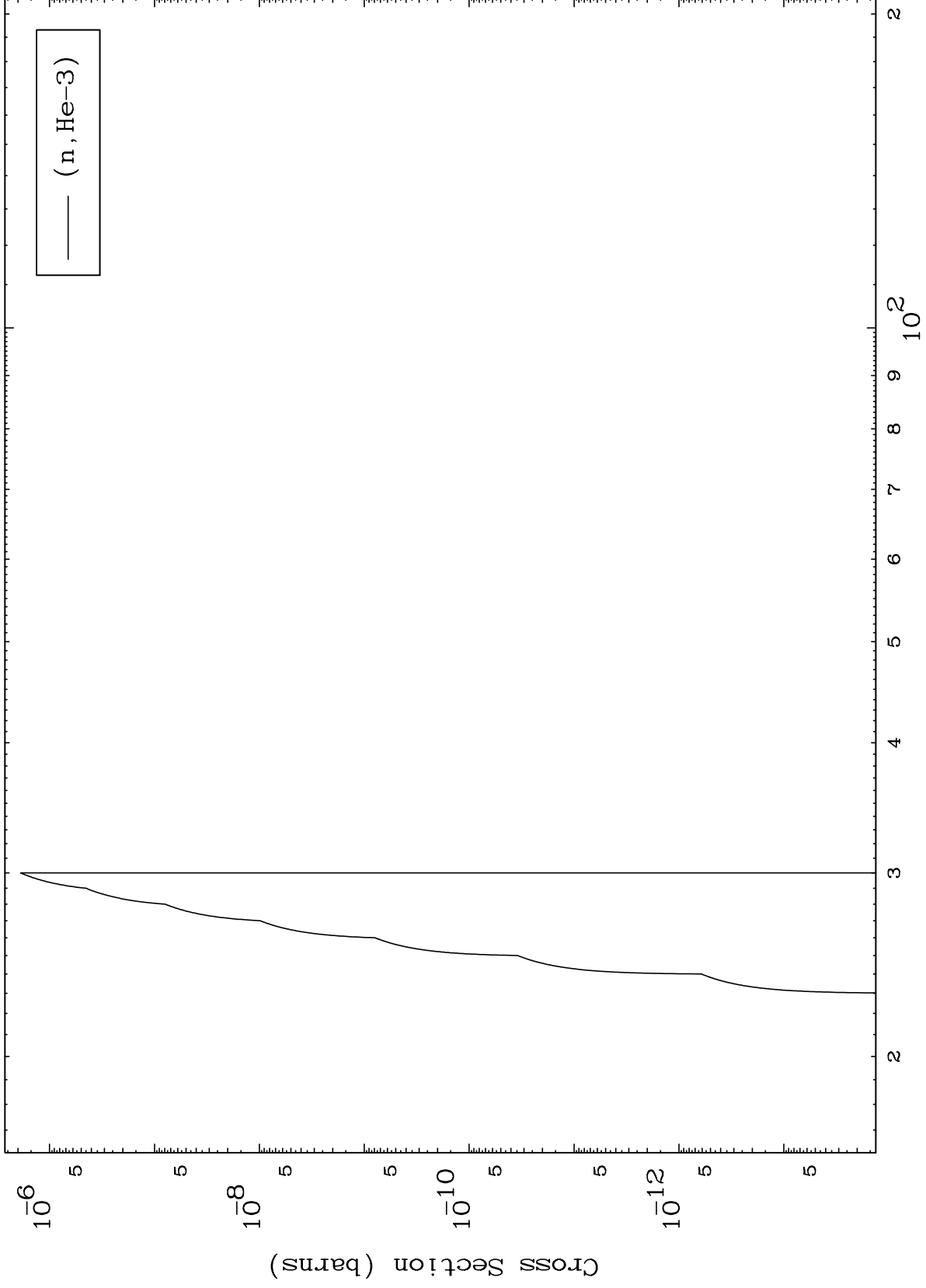
Incident Energy (MeV)

45-Rh-113

MAT 4555

(n,He3) Levels
293 Kelvin Cross Sections

45-Rh-113



12

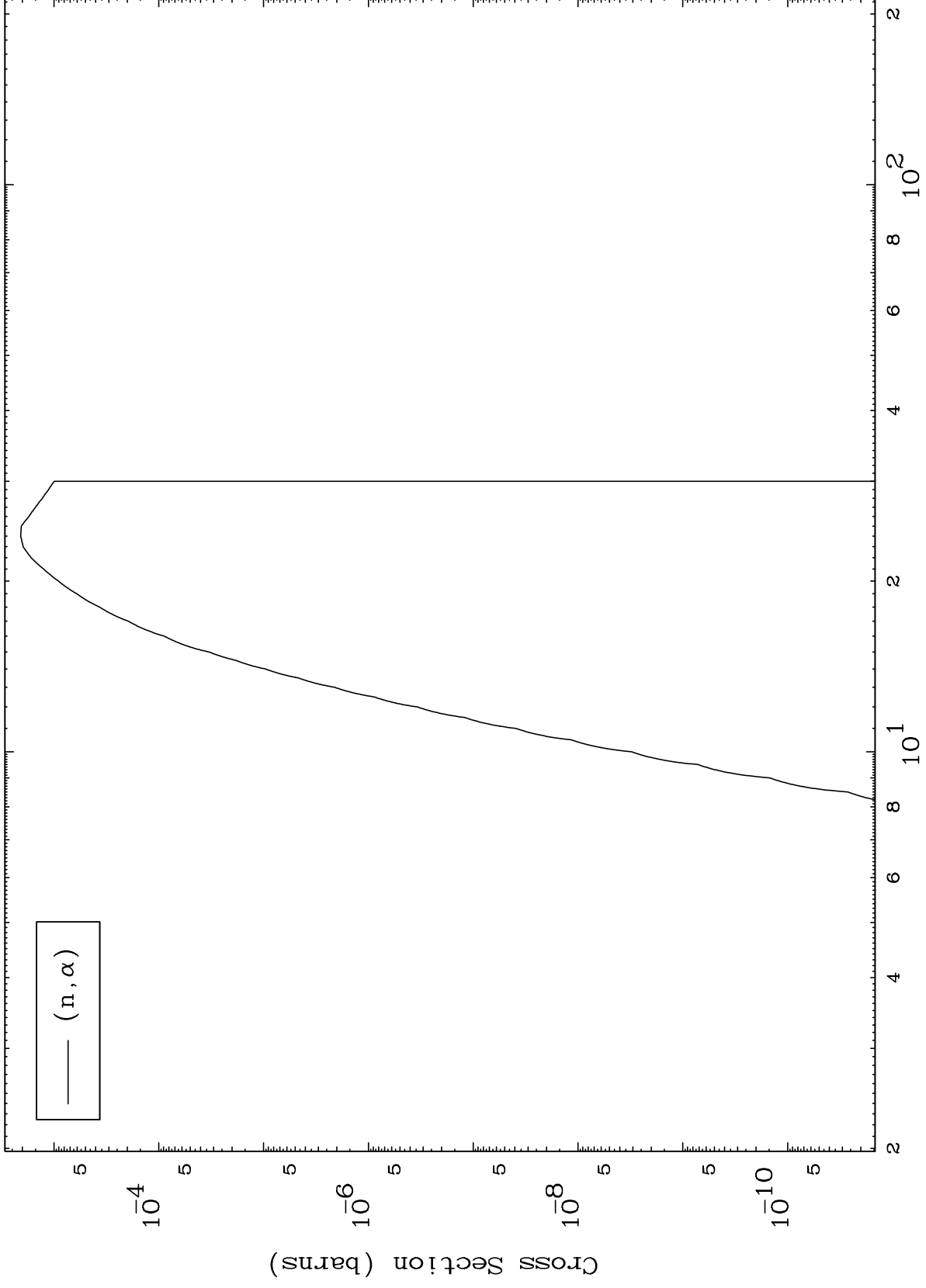
Incident Energy (MeV)

45-Rh-113

MAT 4555

(n, α) Levels
293 Kelvin Cross Sections

45-Rh-113



(n, α)

13

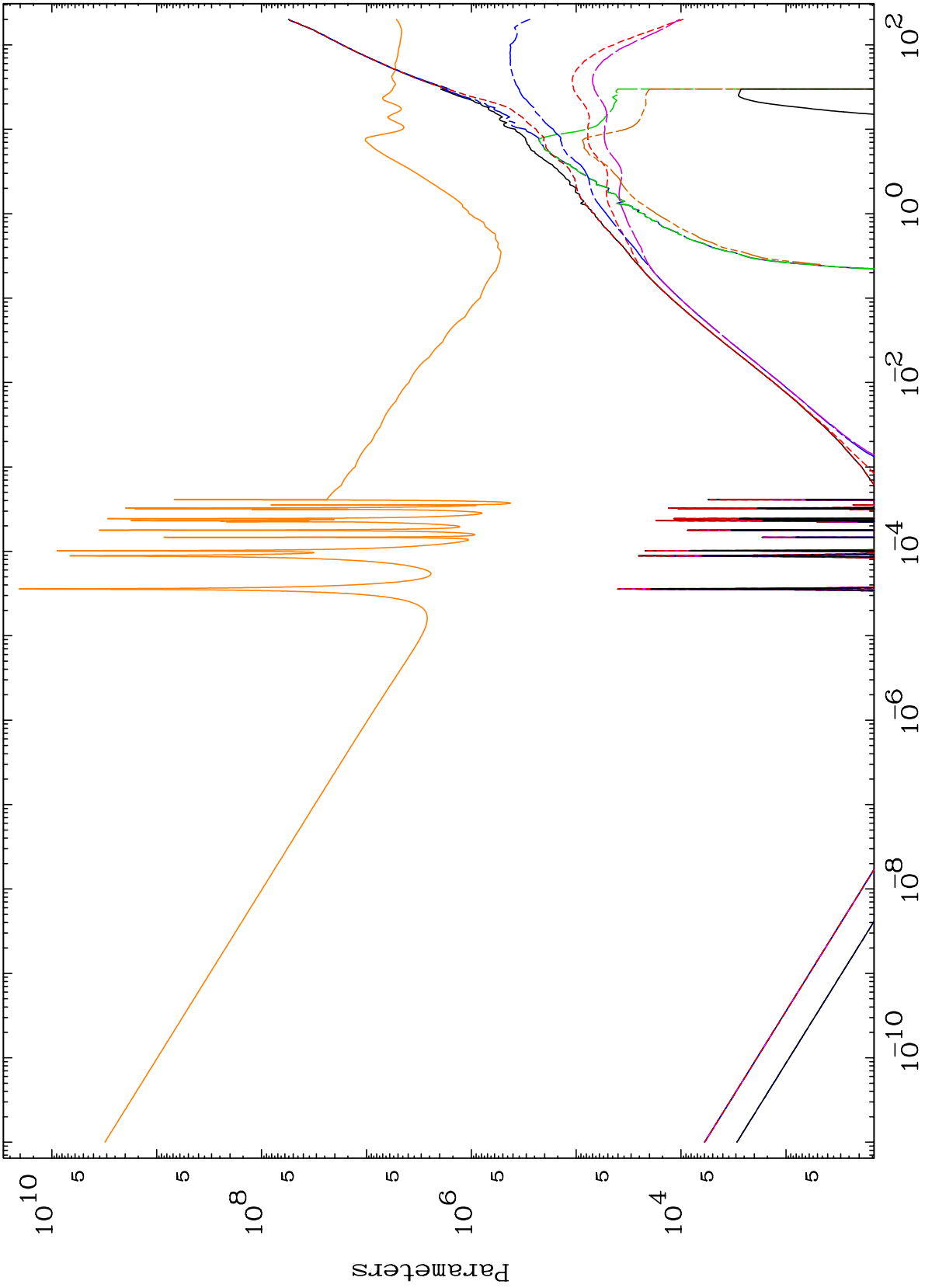
Incident Energy (MeV)

45-Rh-113

MAT 4555

Energy Release
Parameters

45-Rh-113



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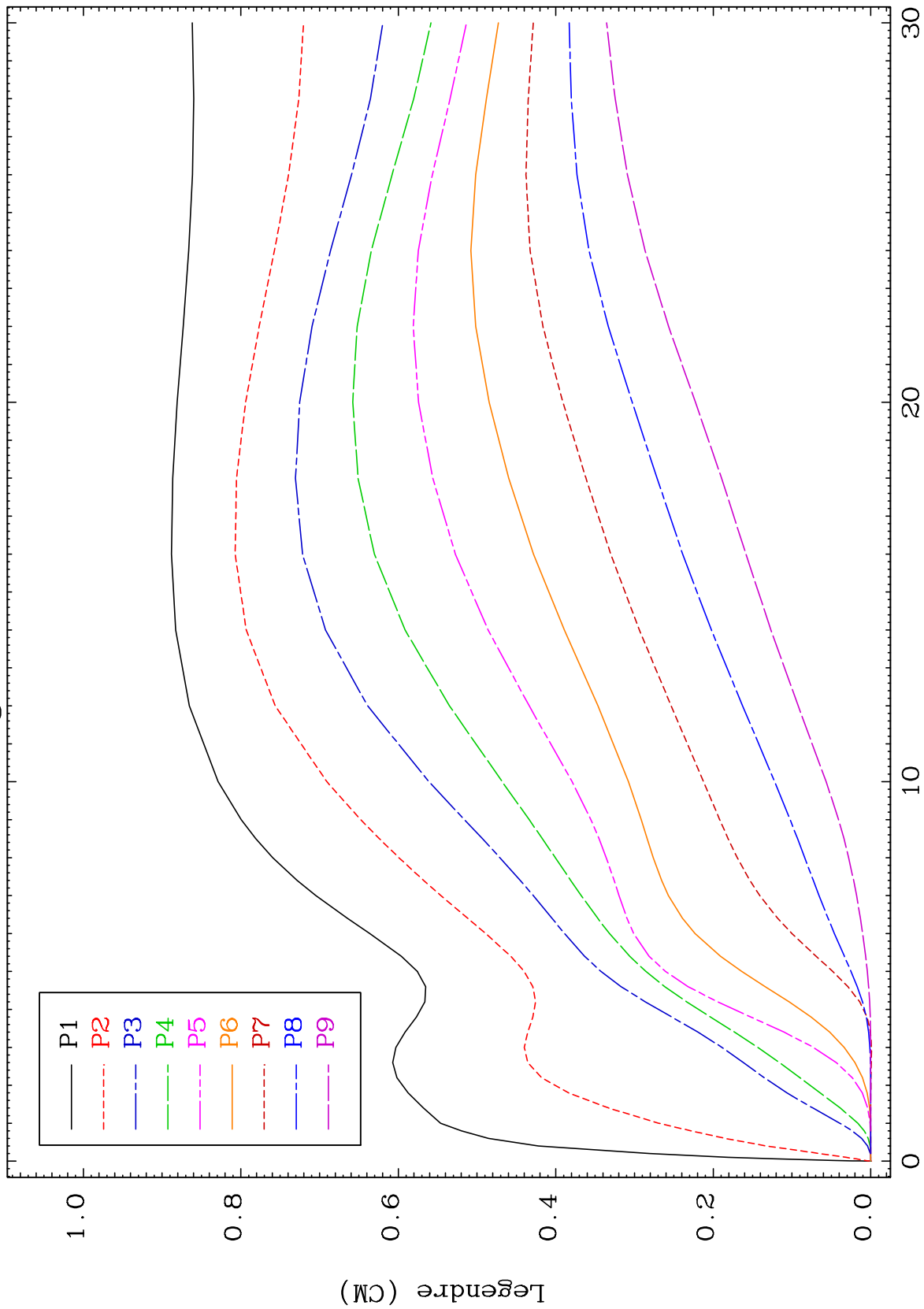
Incident Energy (MeV)

45-Rh-113

MAT 4555

Elastic Legendre Coefficients

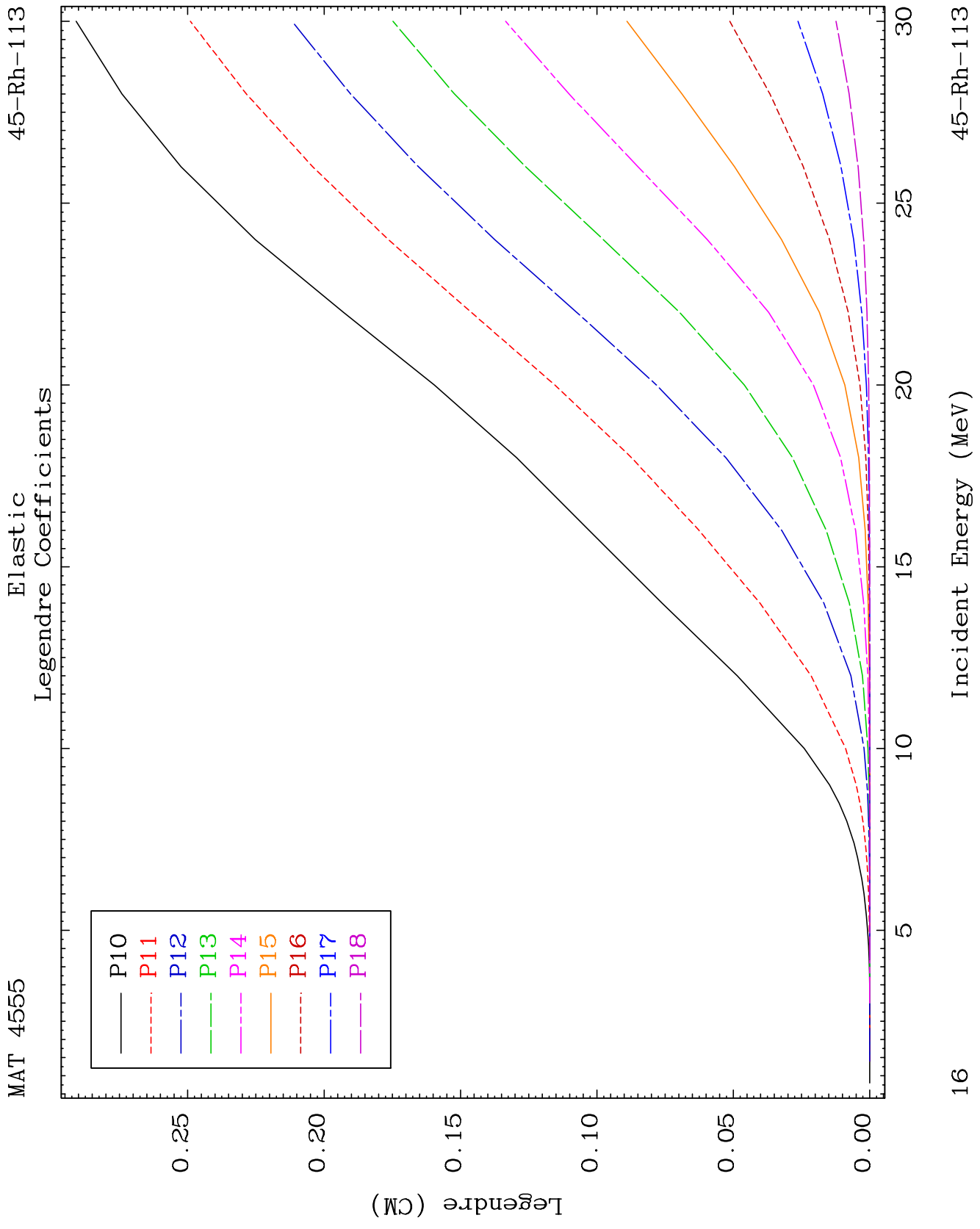
45-Rh-113



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Incident Energy (MeV)

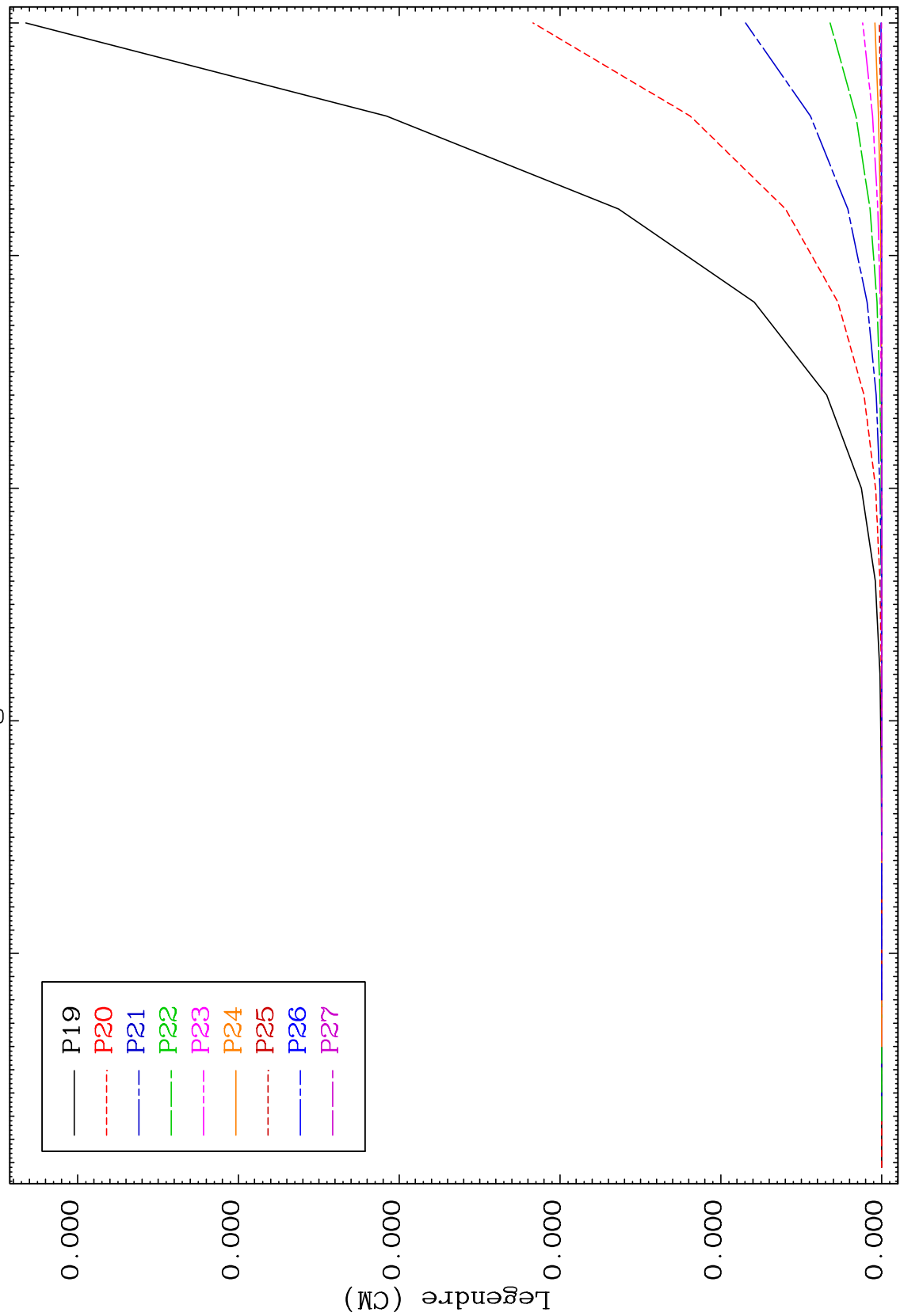
45-Rh-113



MAT 4555

Elastic Legendre Coefficients

45-Rh-113



17

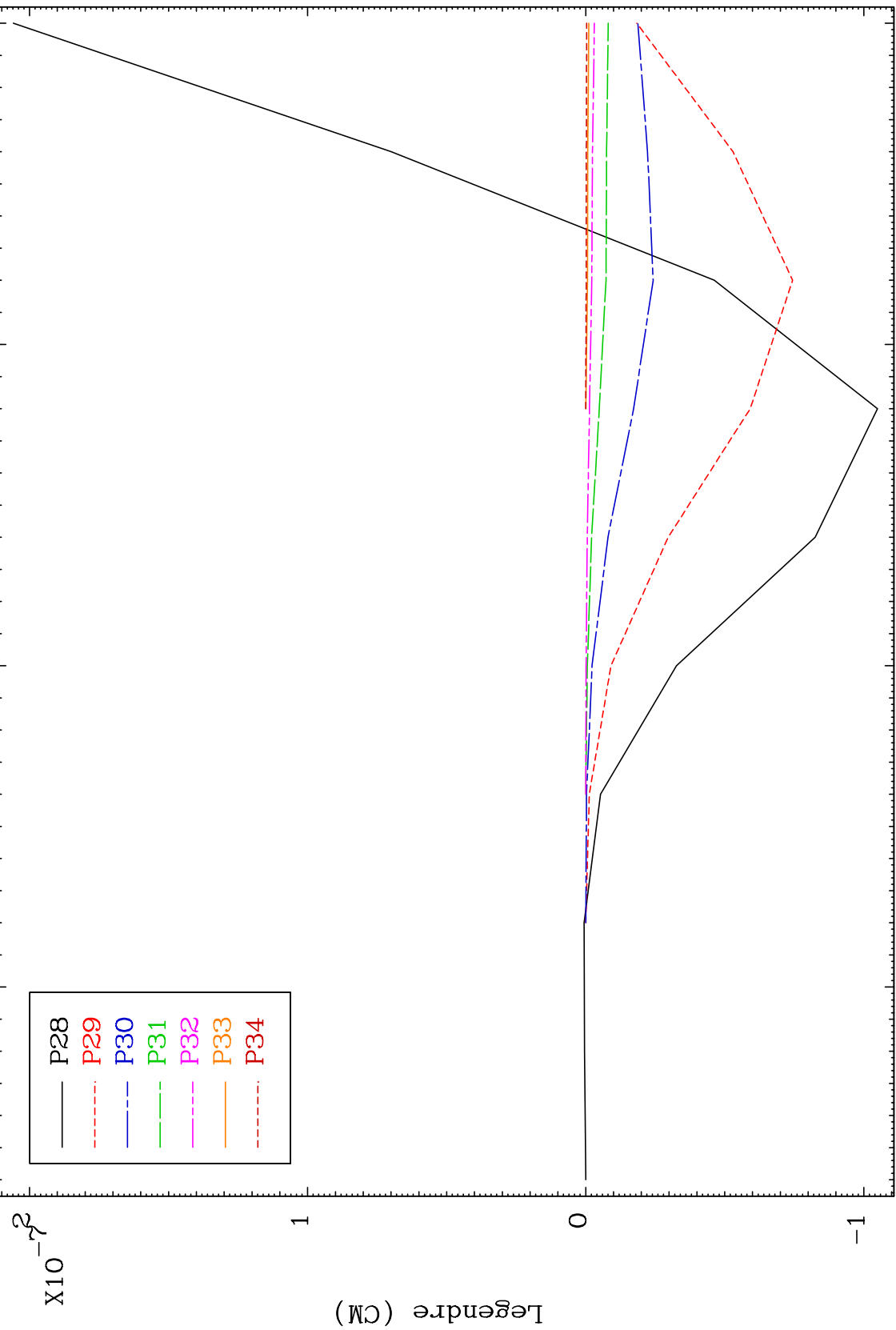
Incident Energy (MeV)

45-Rh-113

MAT 4555

Elastic Legendre Coefficients

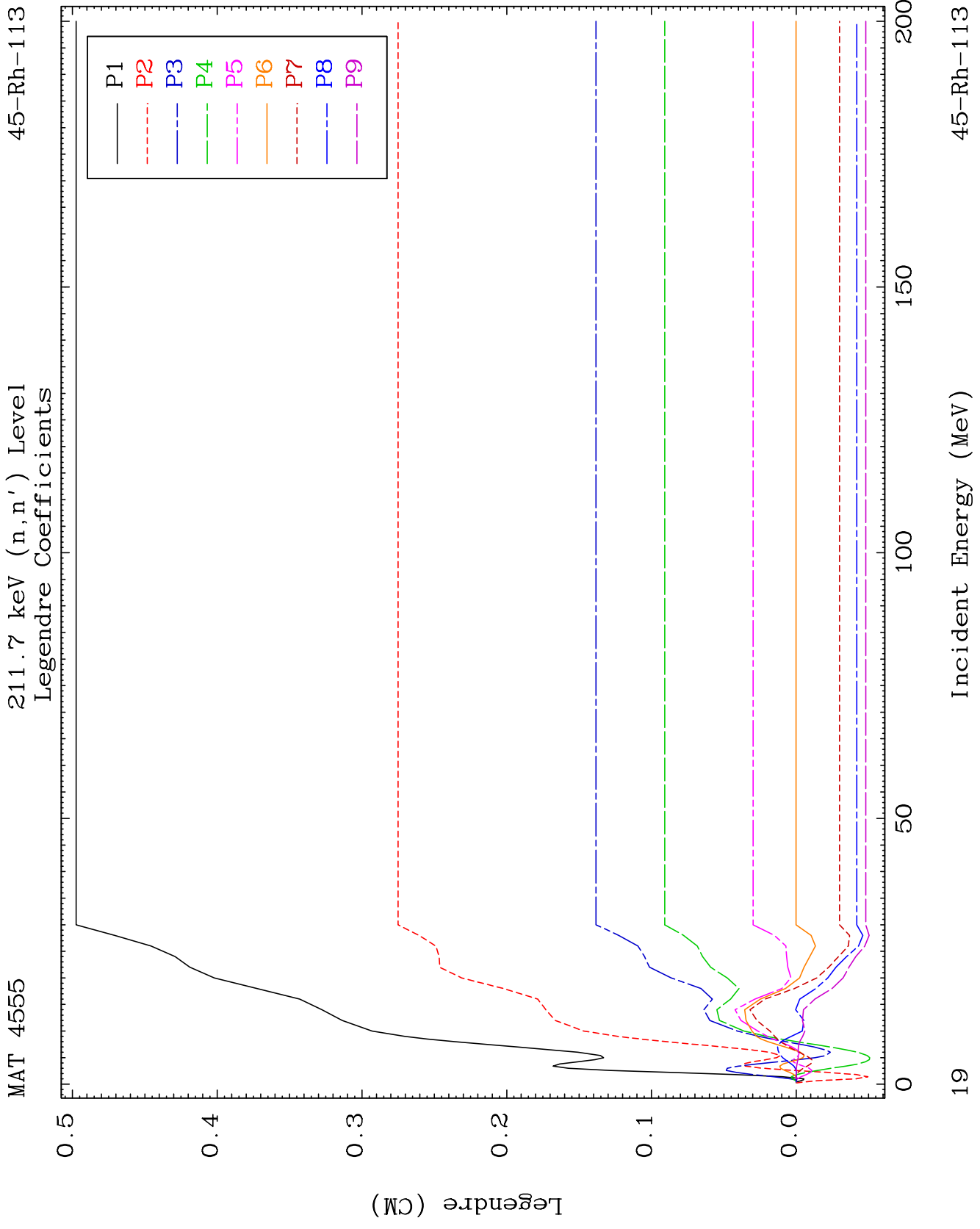
45-Rh-113

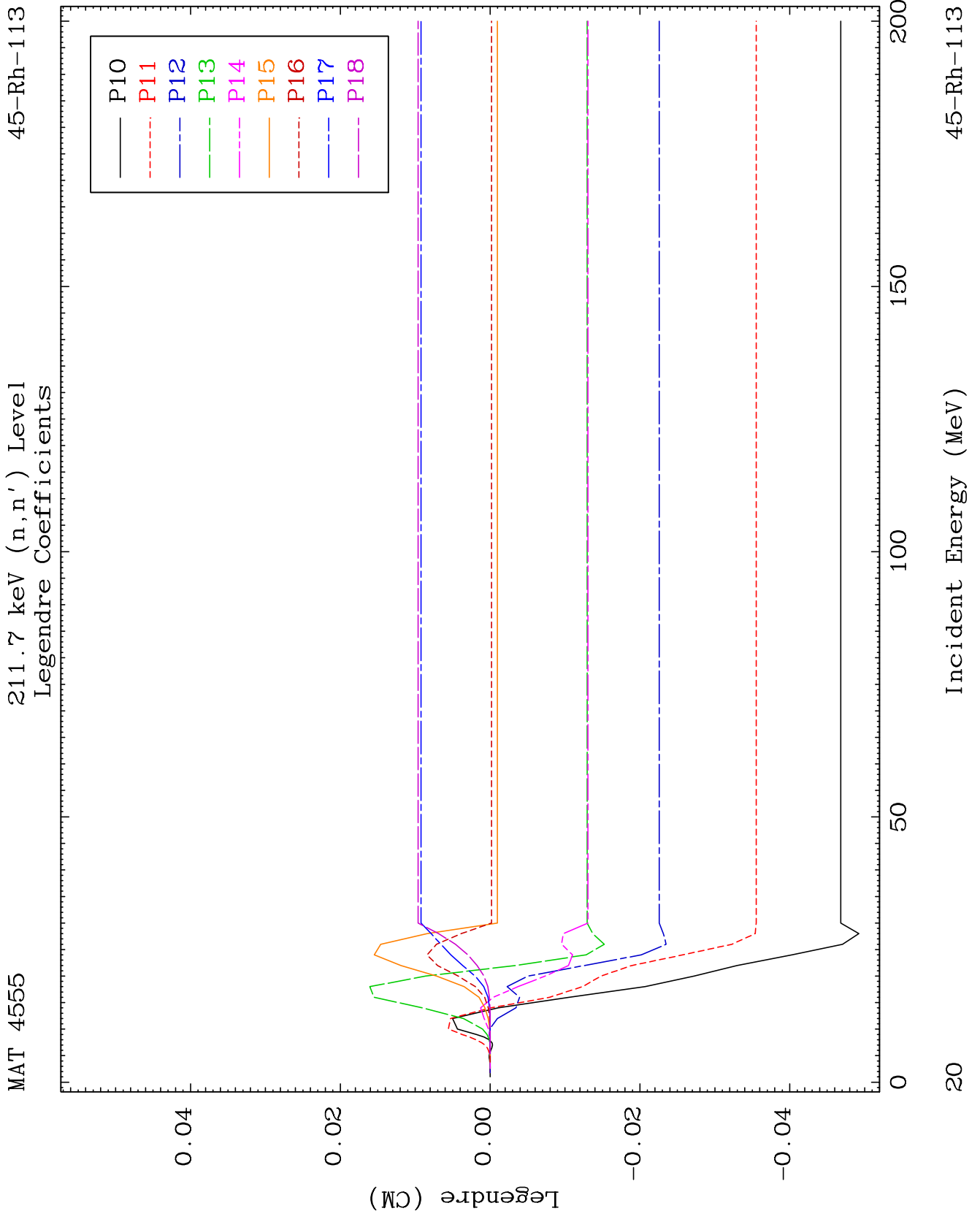


18

Incident Energy (MeV)

45-Rh-113

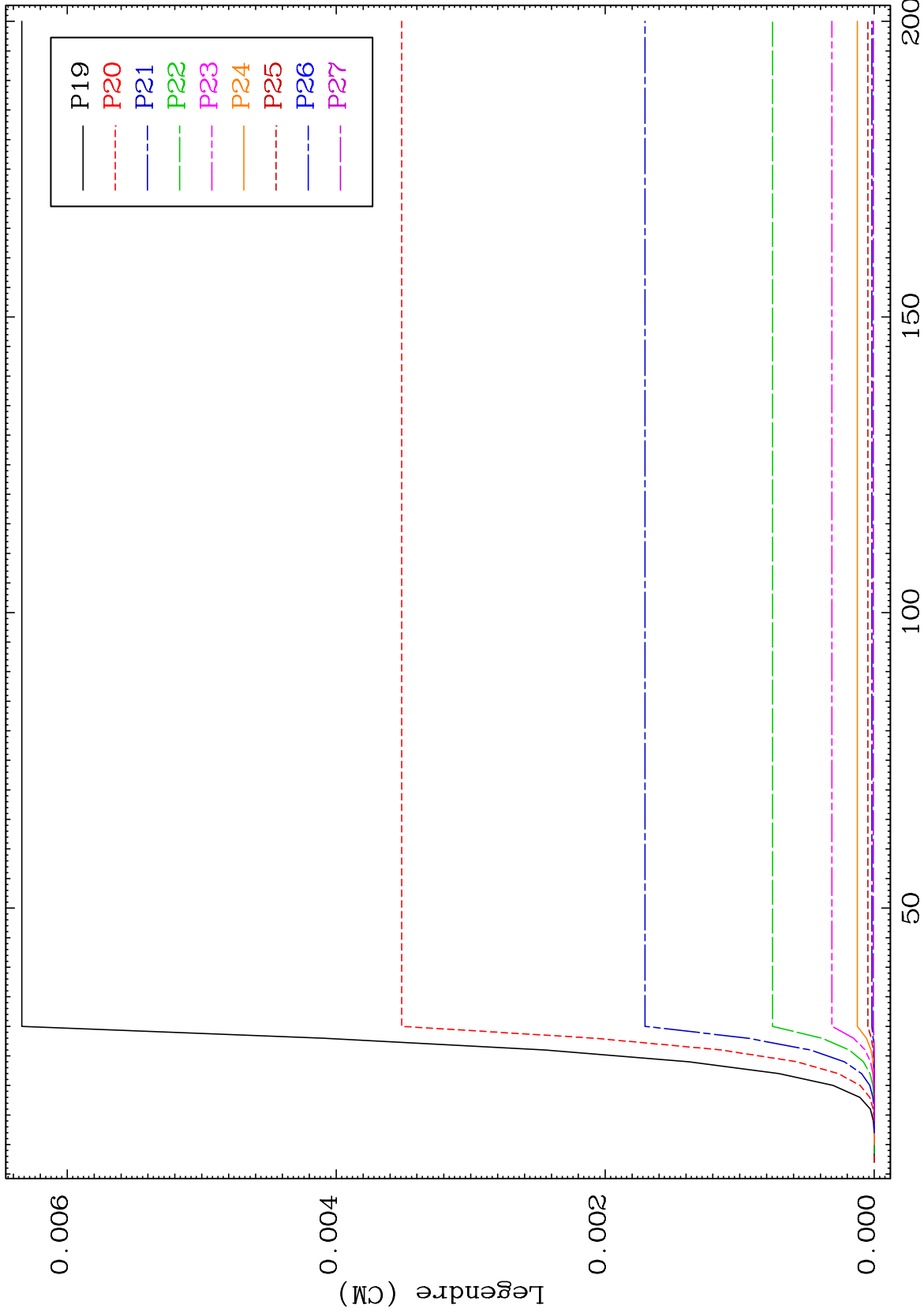




MAT 4555

211.7 keV (n, n') Level
Legendre Coefficients

45-Rh-113



21

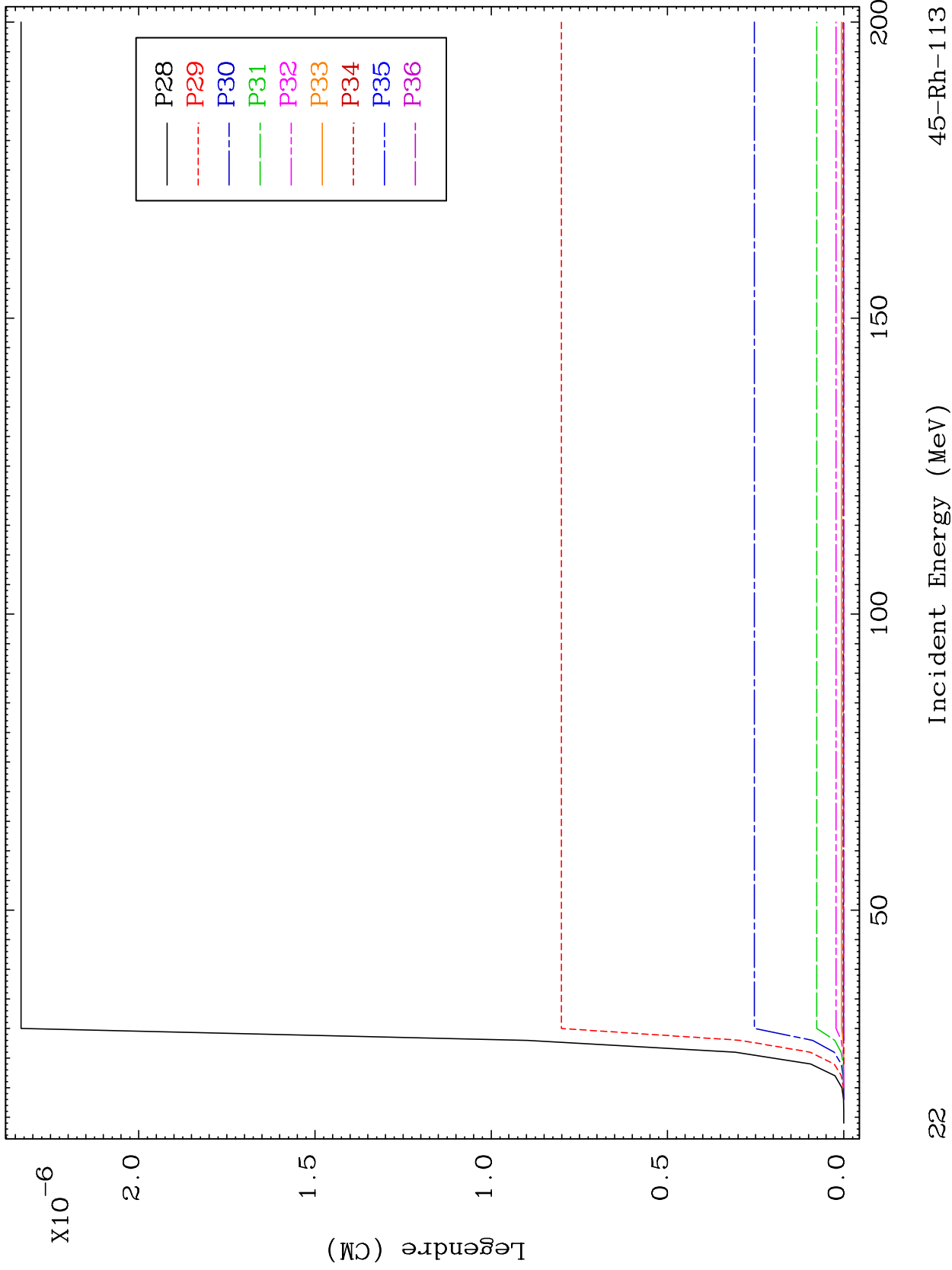
Incident Energy (MeV)

45-Rh-113

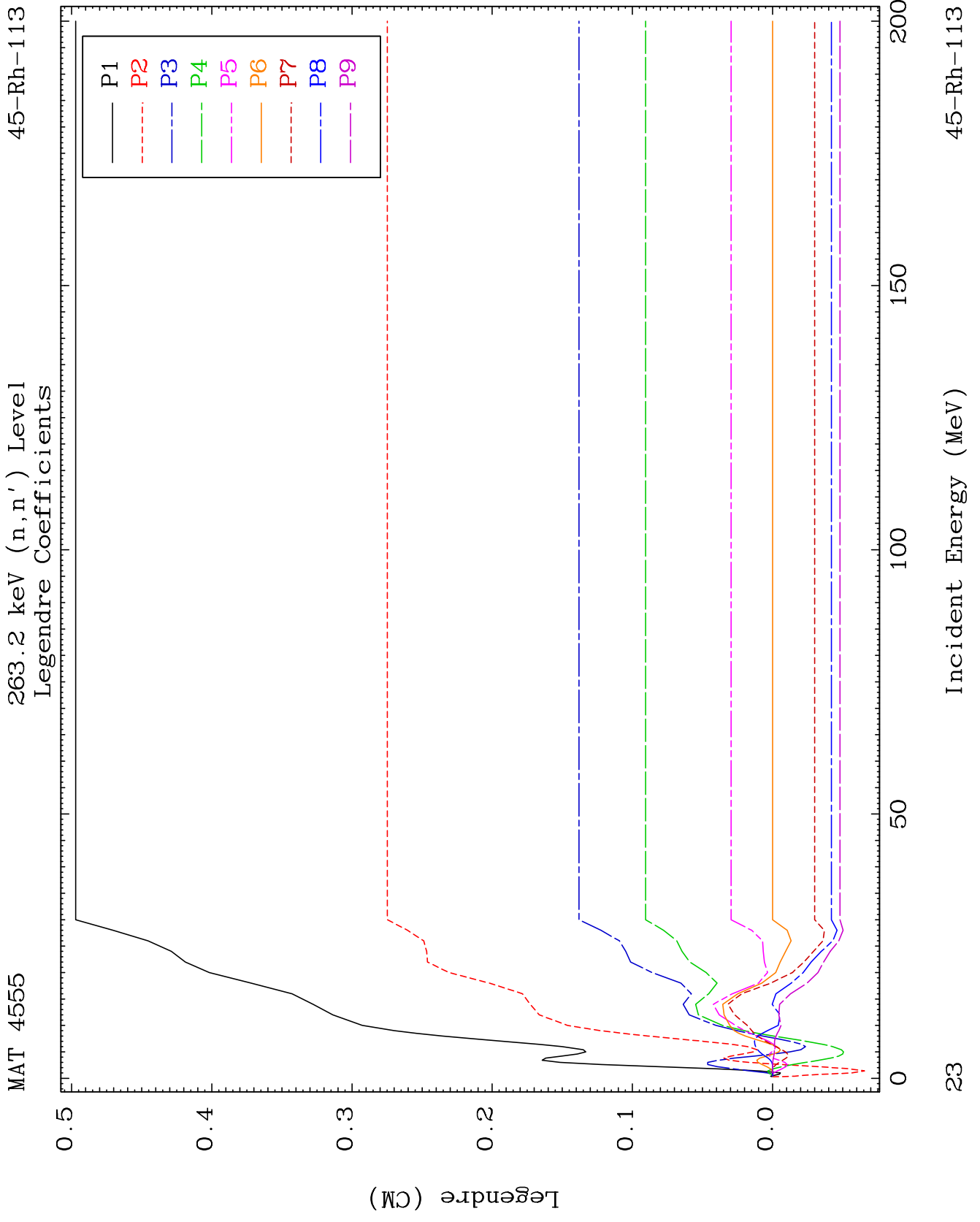
MAT 4555

211.7 keV (n,n') Level
Legendre Coefficients

45-Rh-113



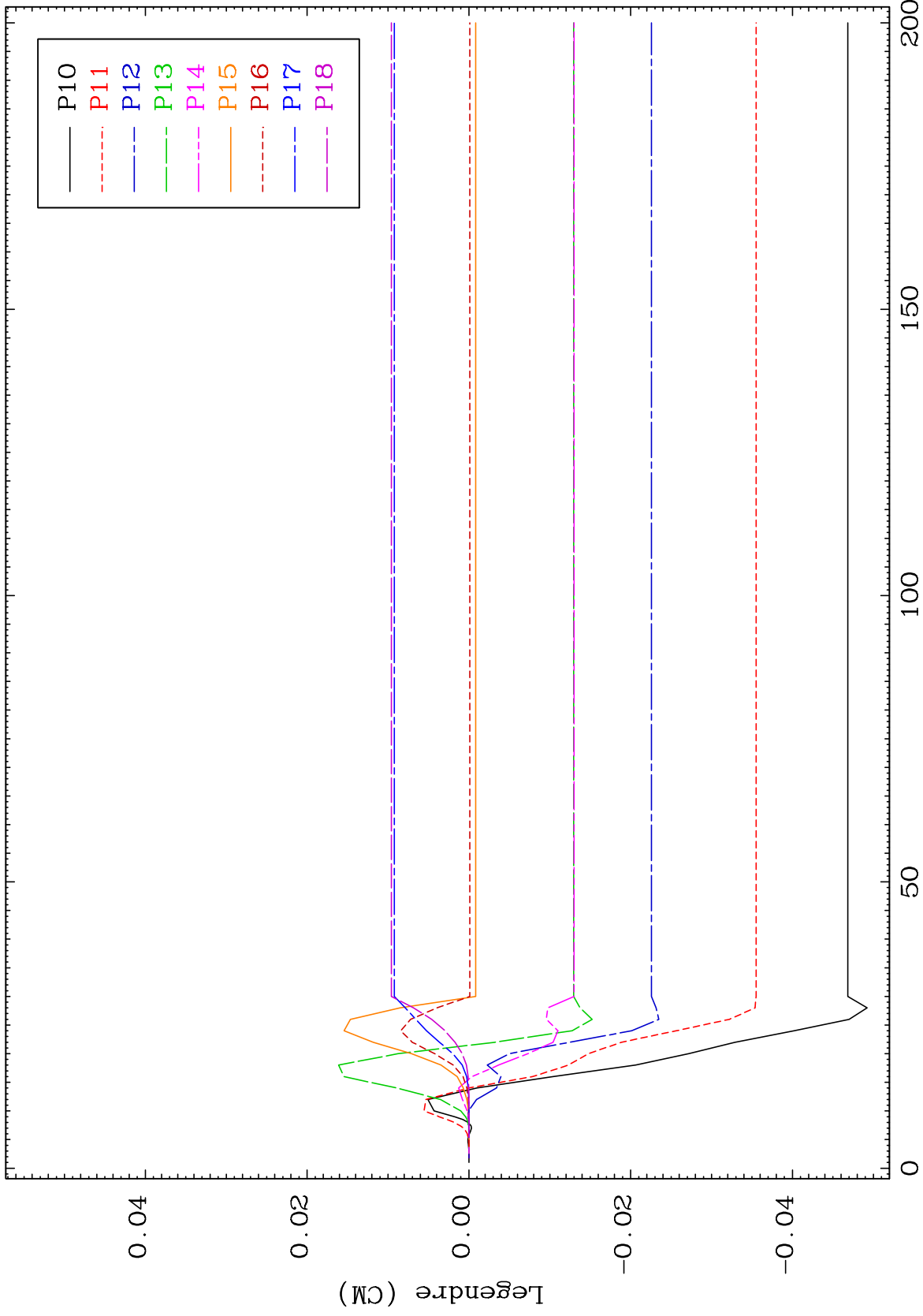
22



MAT 4555

263.2 keV (n,n') Level
Legendre Coefficients

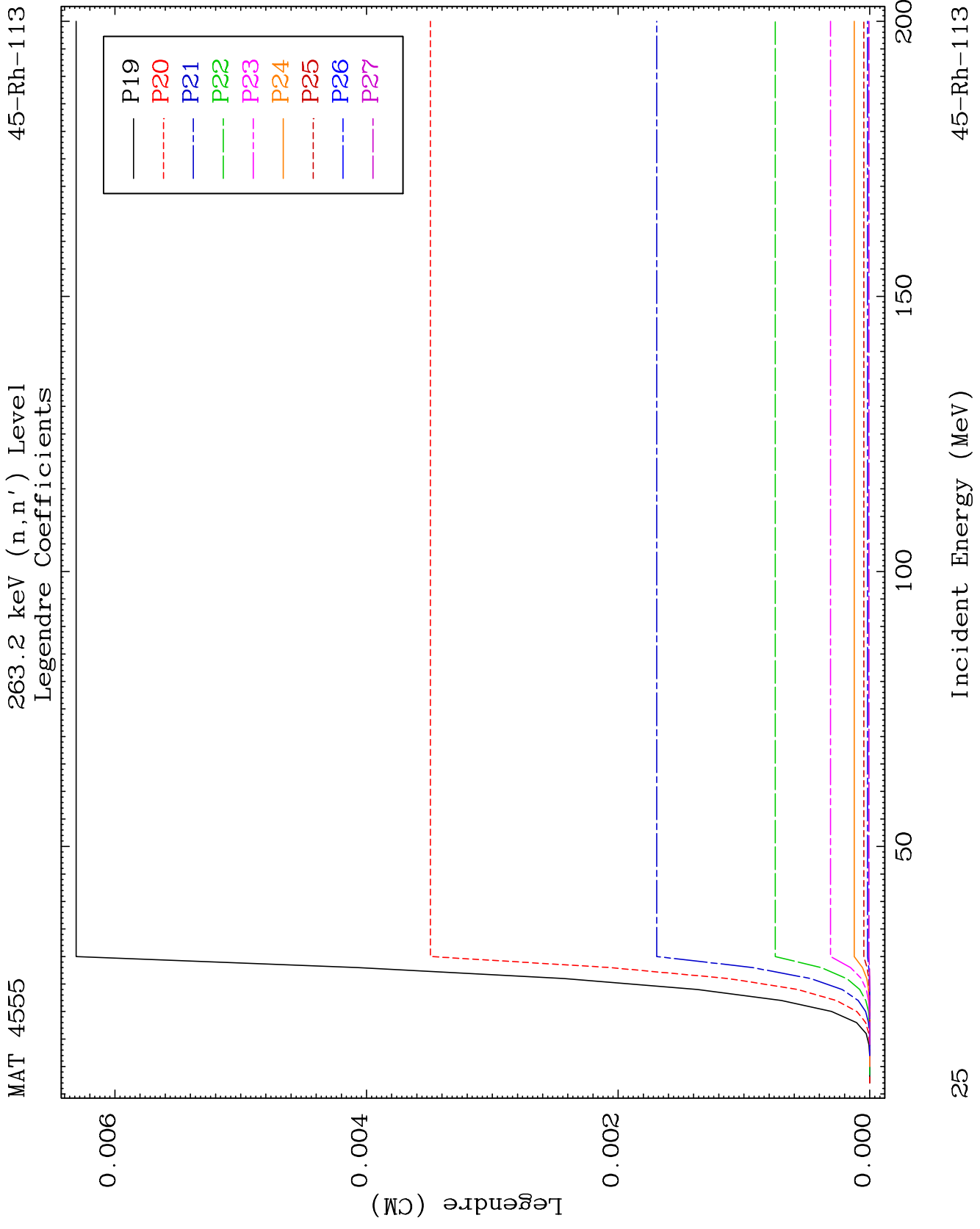
45-Rh-113



24

Incident Energy (MeV)

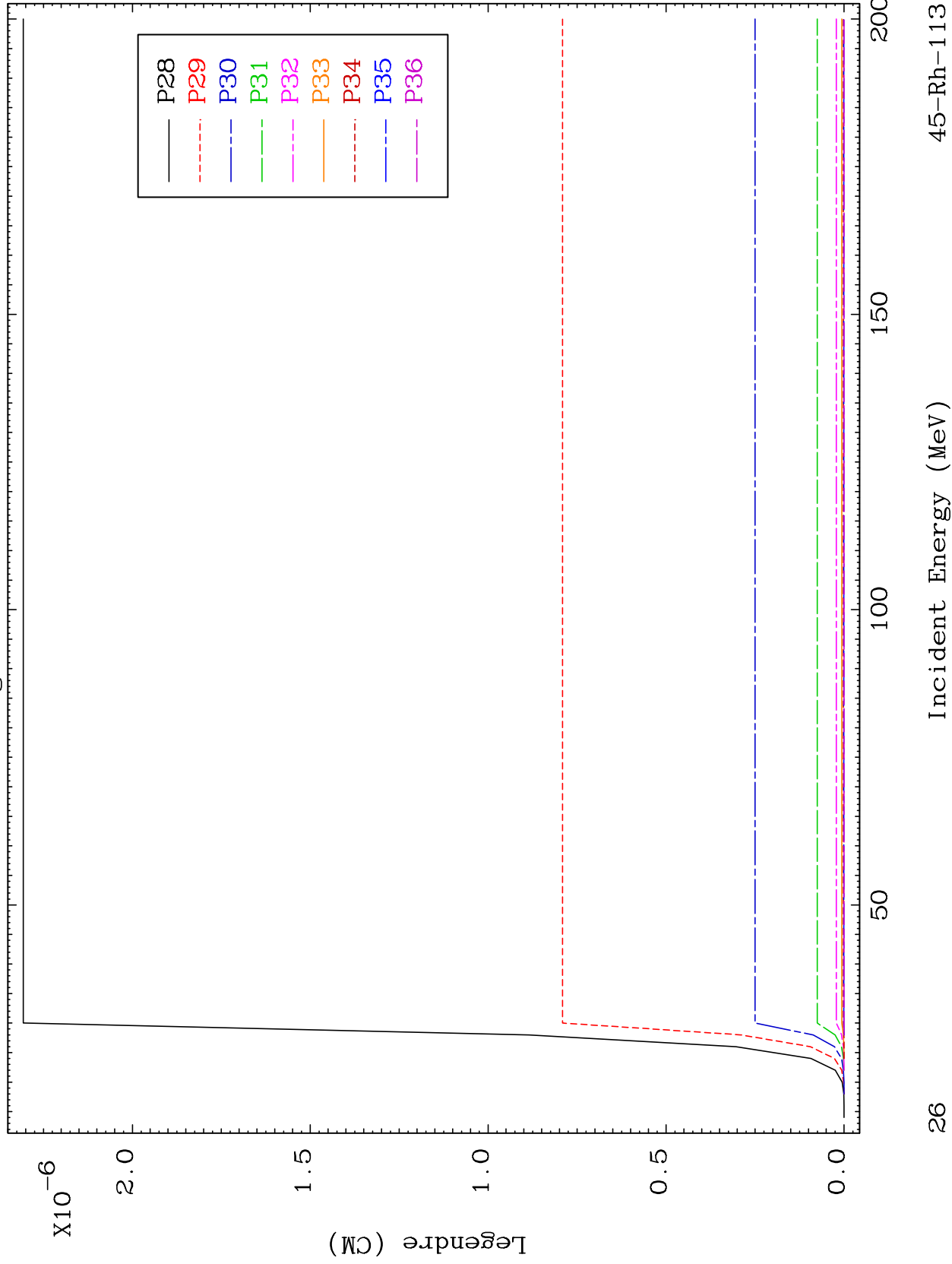
45-Rh-113

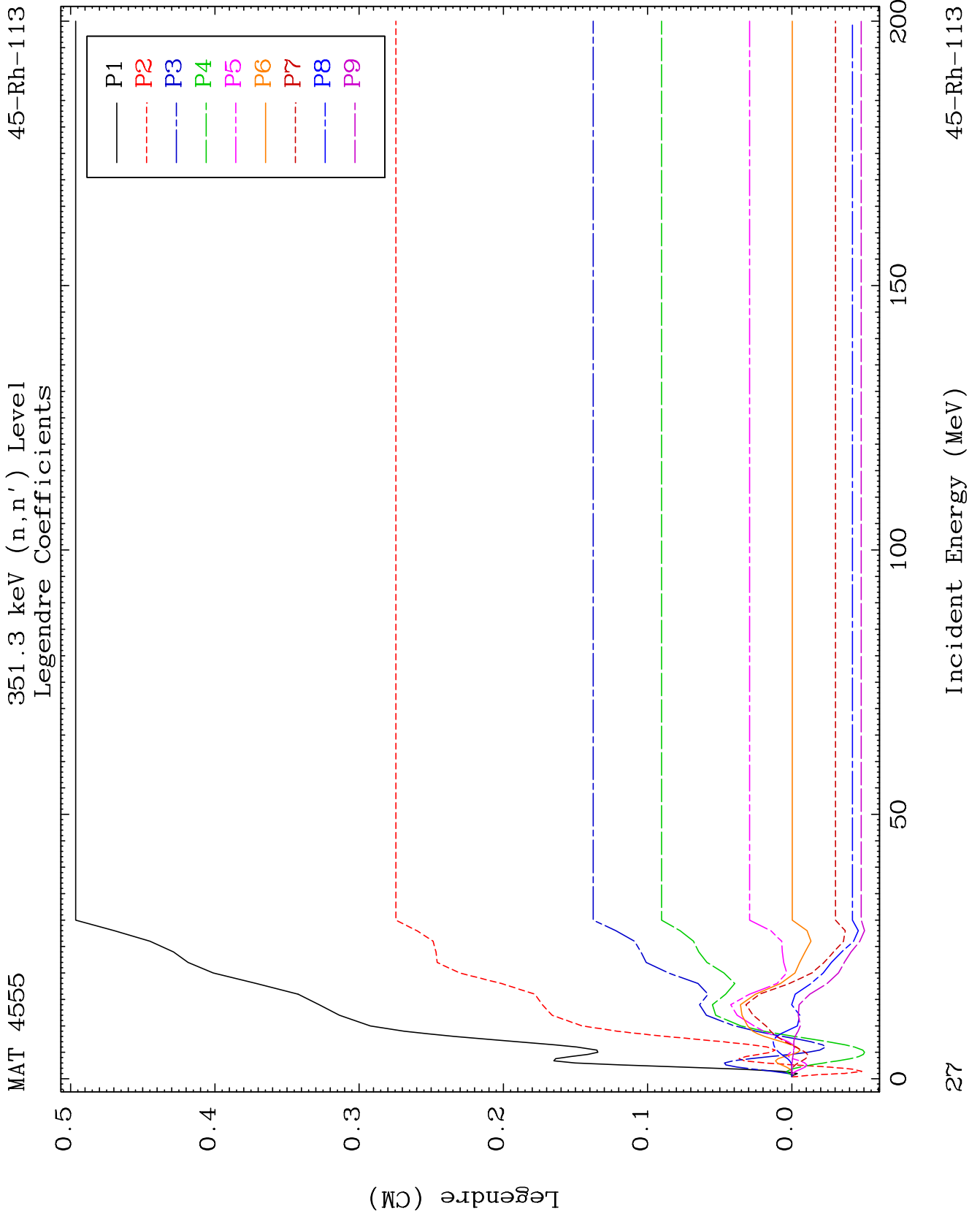


MAT 4555

263.2 keV (n,n') Level
Legendre Coefficients

45-Rh-113

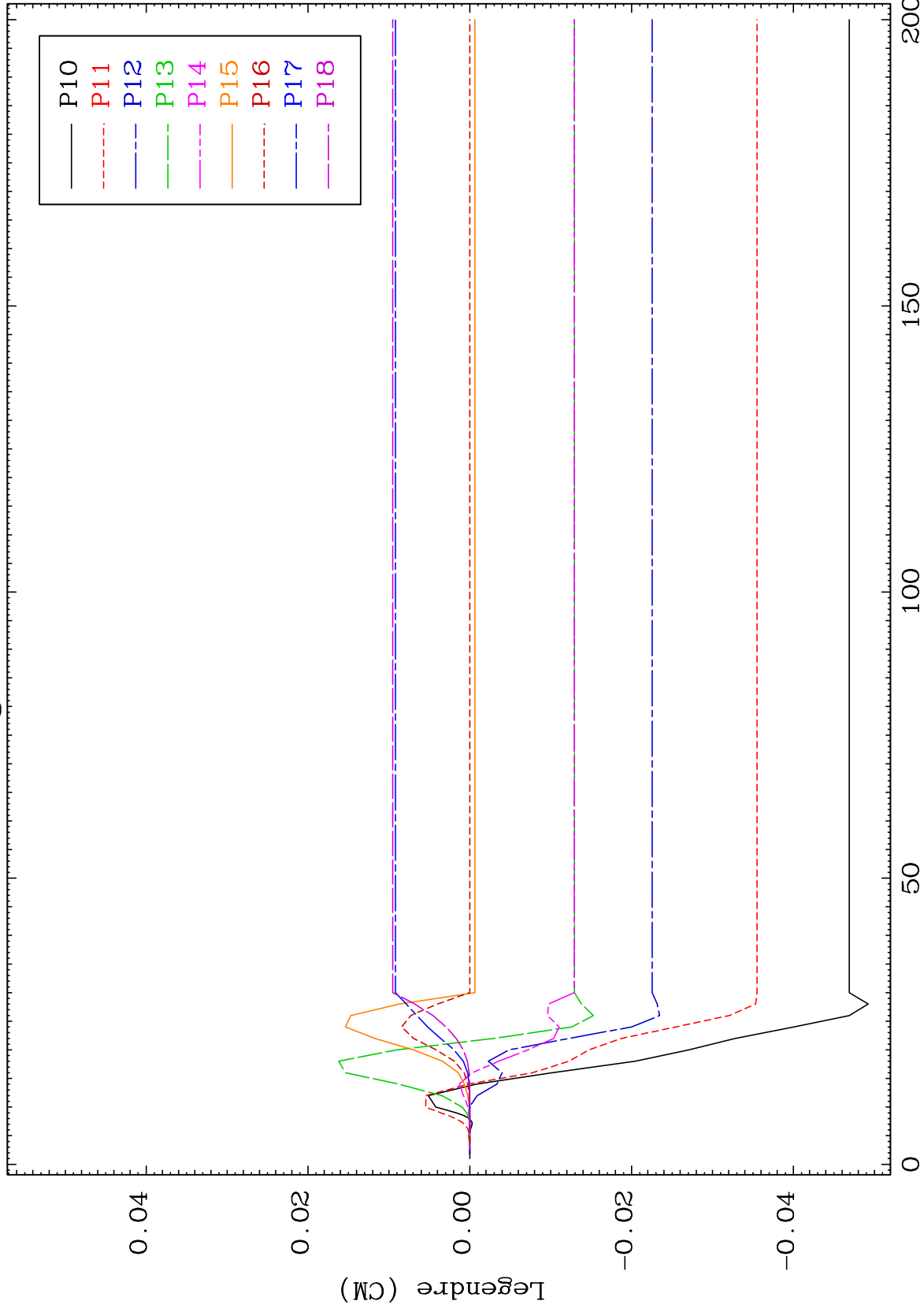




MAT 4555

351.3 keV (n,n') Level
Legendre Coefficients

45-Rh-113



28

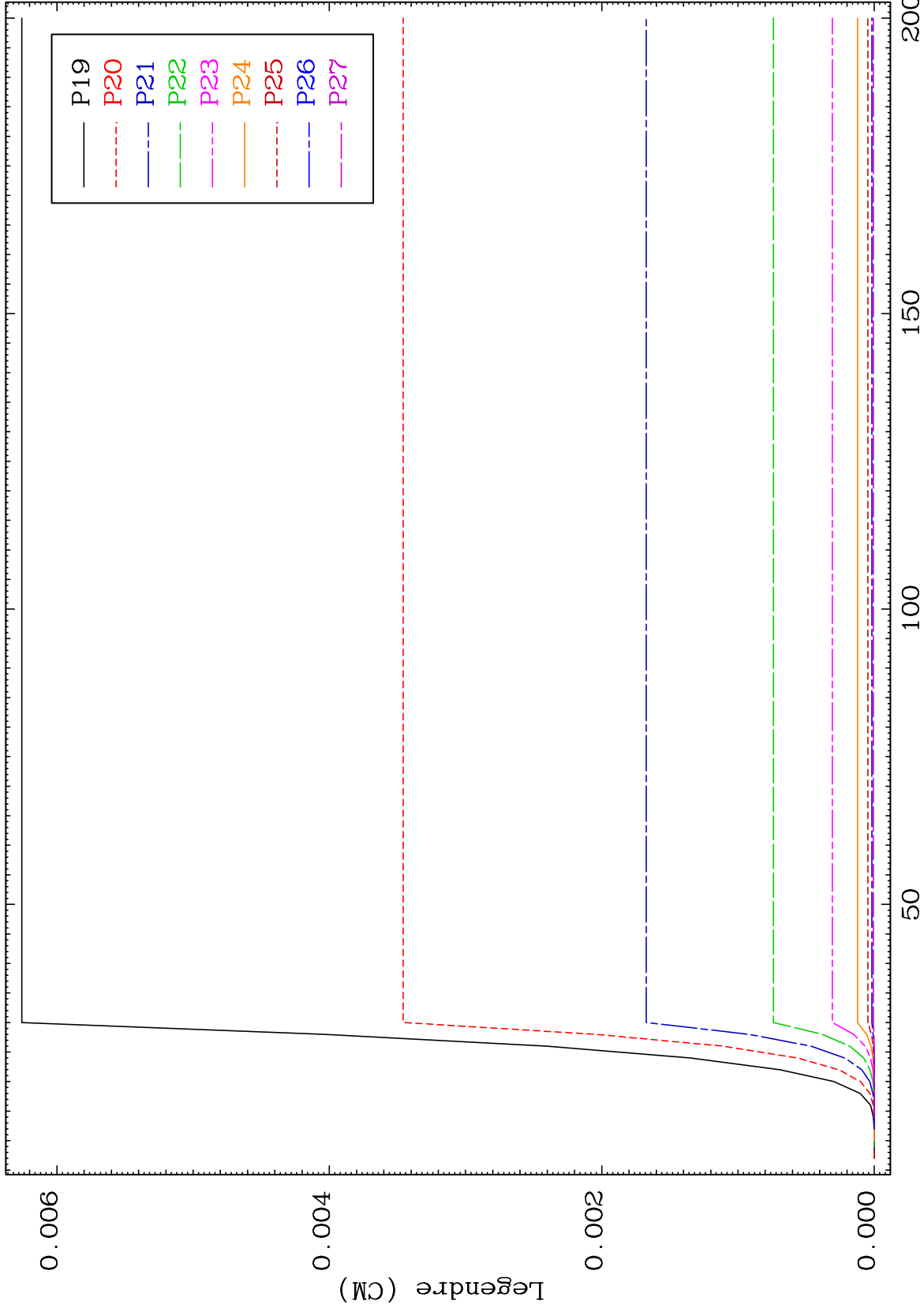
Incident Energy (MeV)

45-Rh-113

MAT 4555

351.3 keV (n,n') Level
Legendre Coefficients

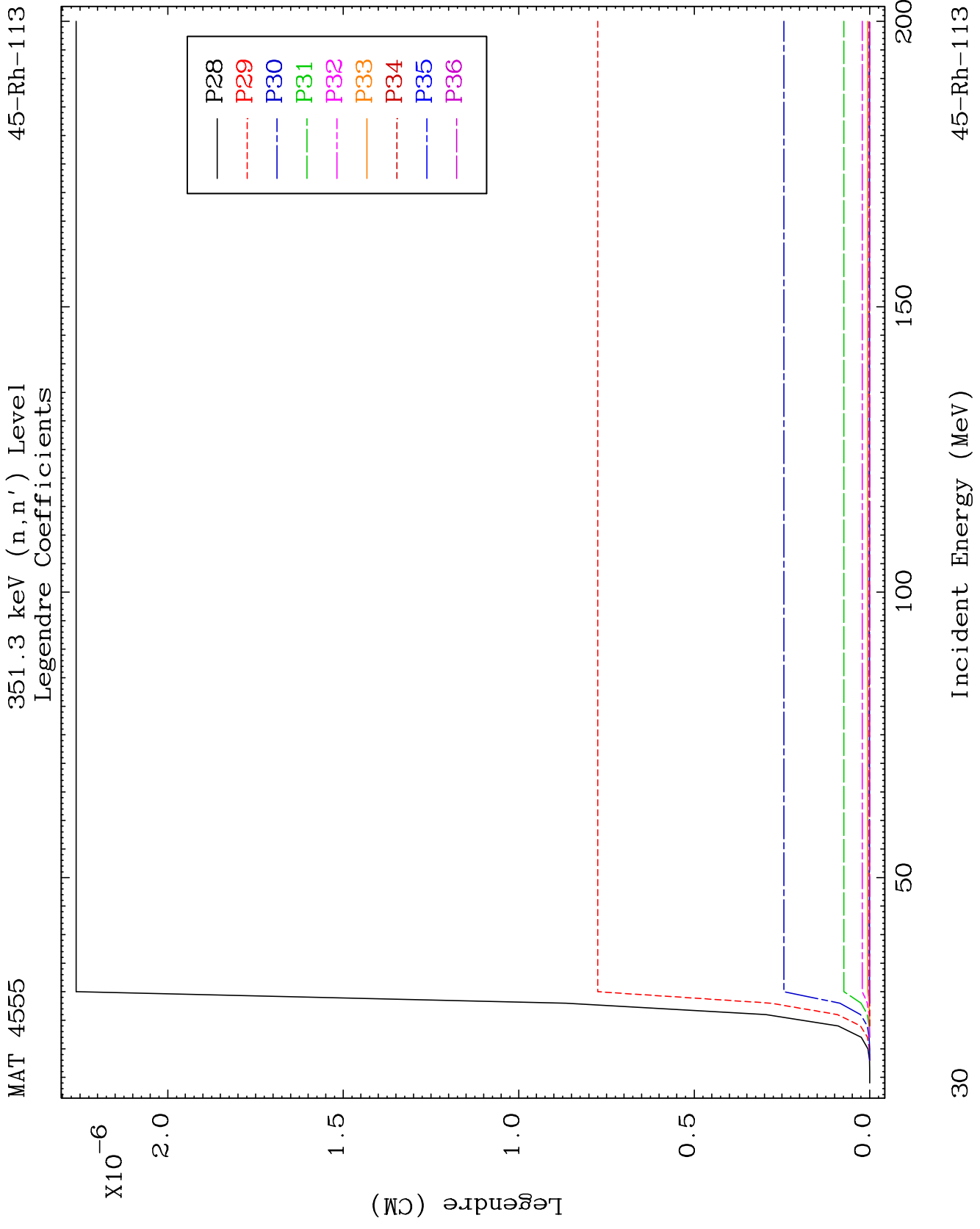
45-Rh-113



29

Incident Energy (MeV)

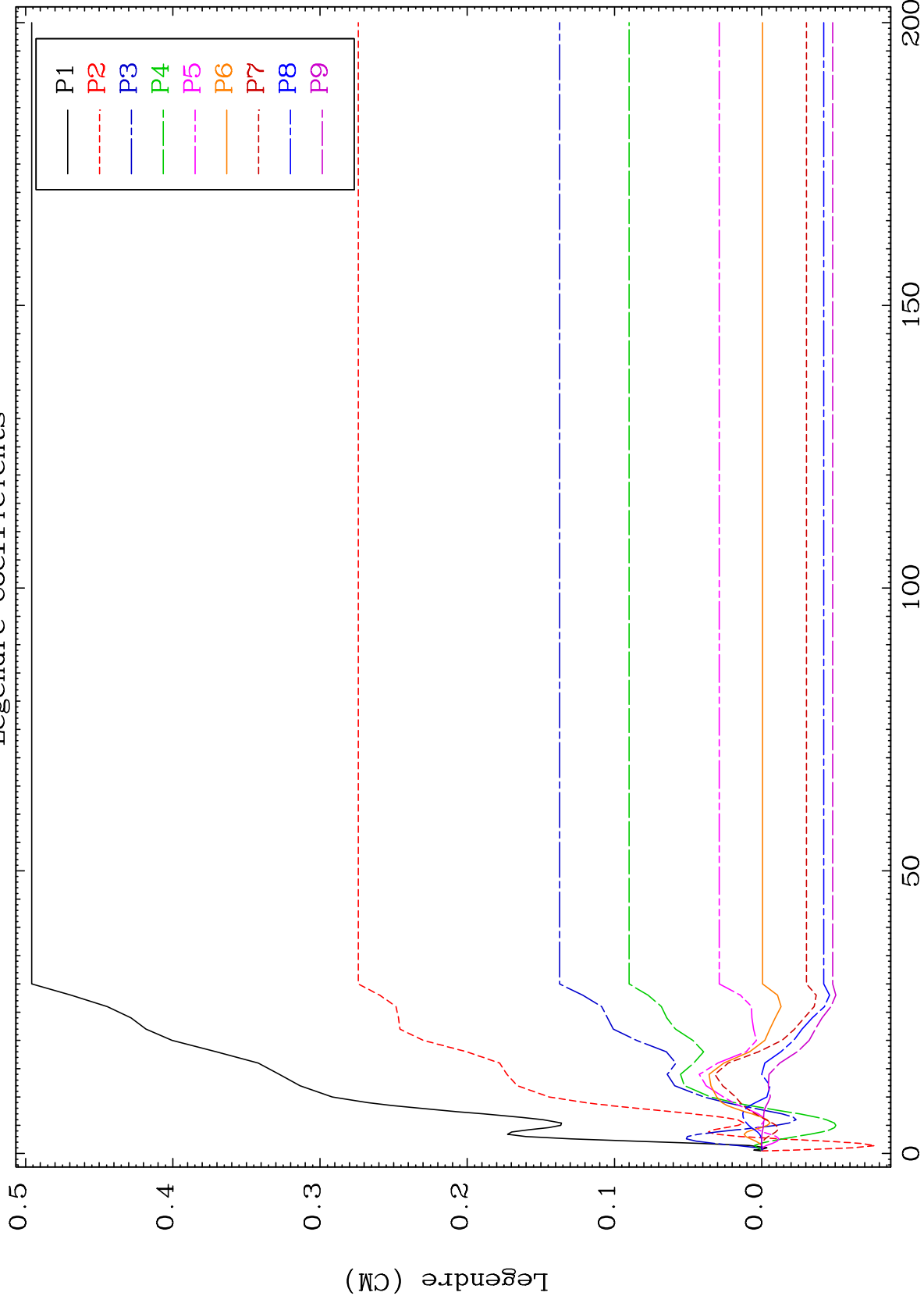
45-Rh-113



MAT 4555

444.0 keV (n,n') Level
Legendre Coefficients

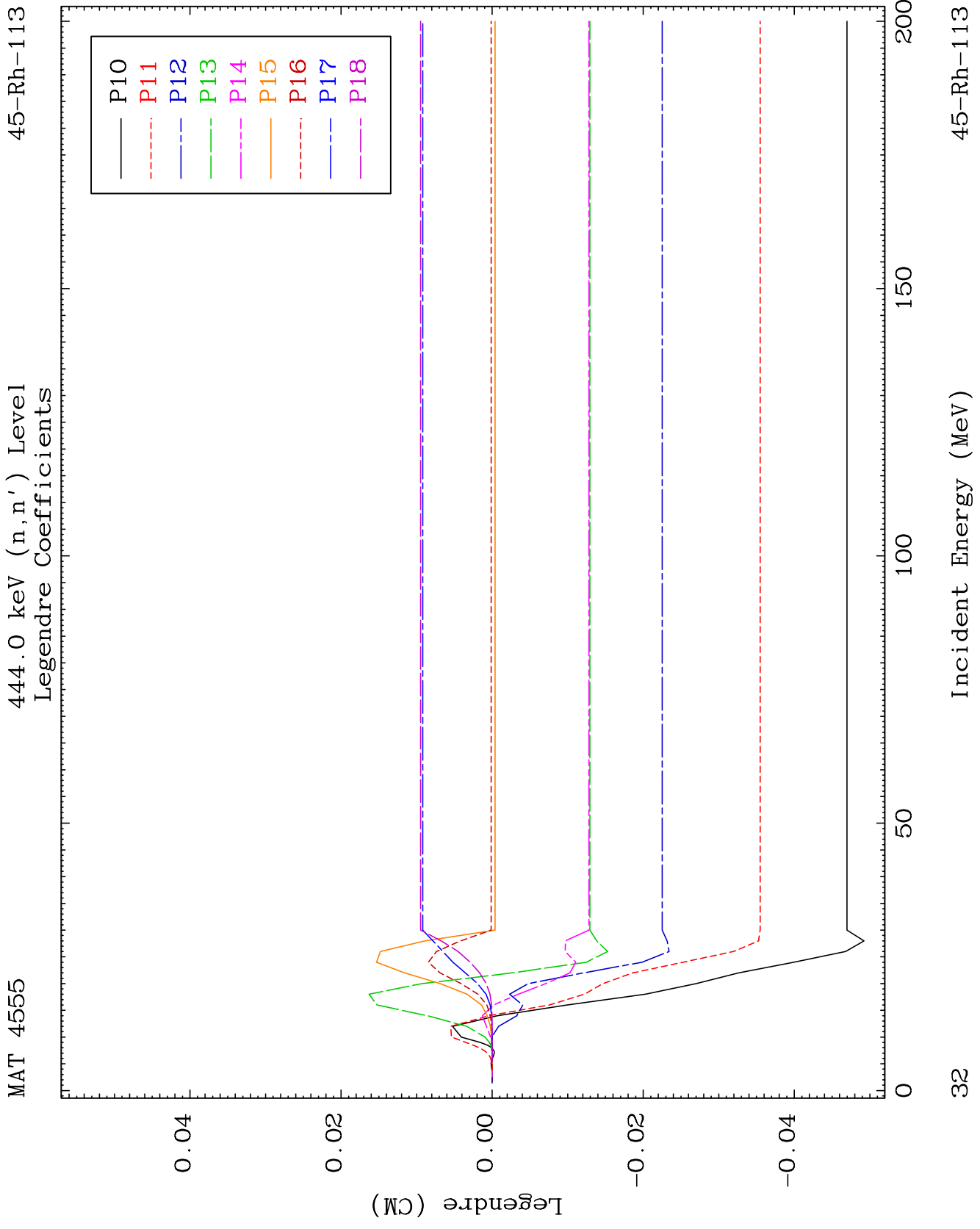
45-Rh-113



31

Incident Energy (MeV)

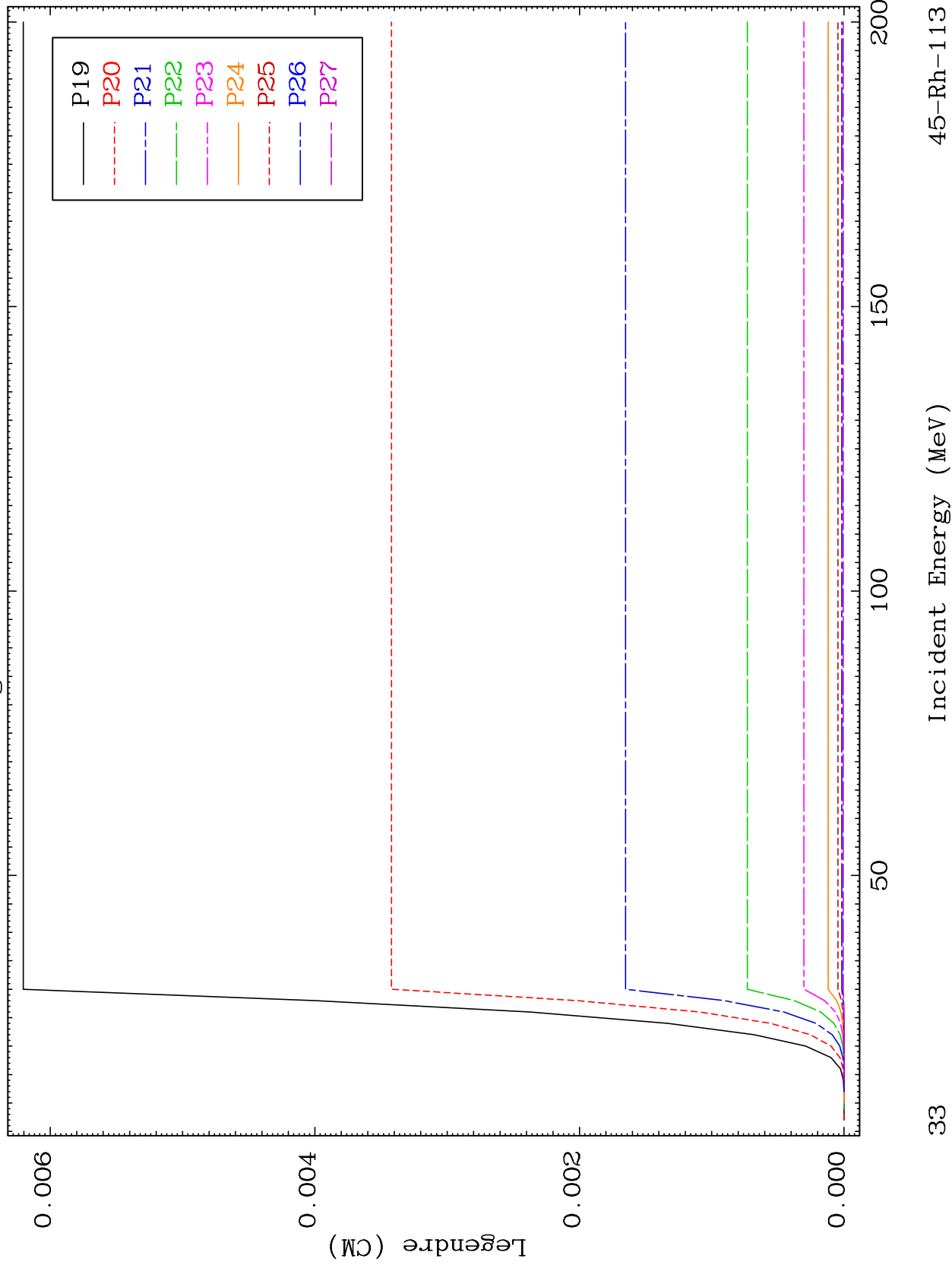
45-Rh-113



MAT 4555

444.0 keV (n, n') Level
Legendre Coefficients

45-Rh-113



33

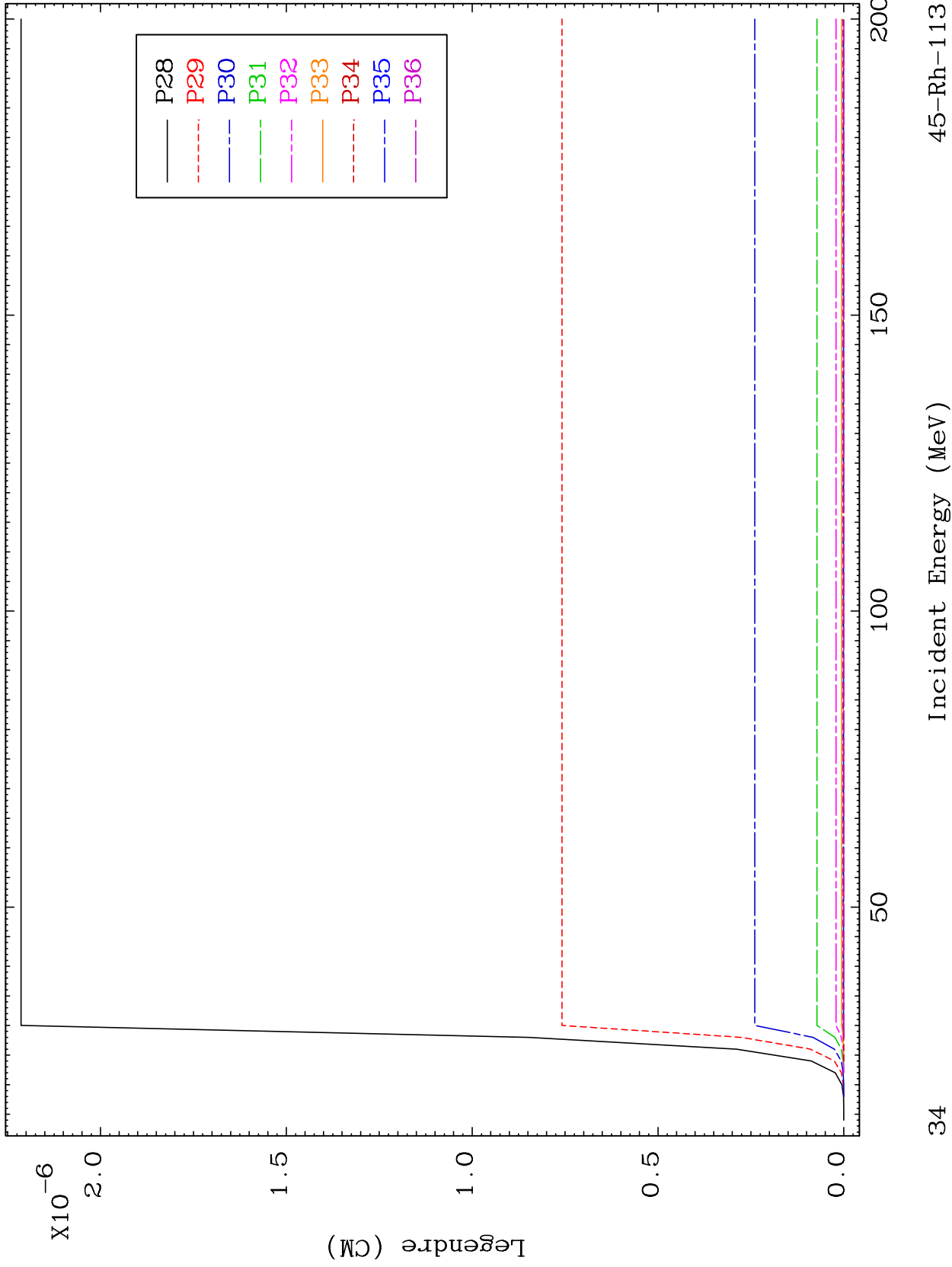
Incident Energy (MeV)

45-Rh-113

MAT 4555

444.0 keV (n,n') Level
Legendre Coefficients

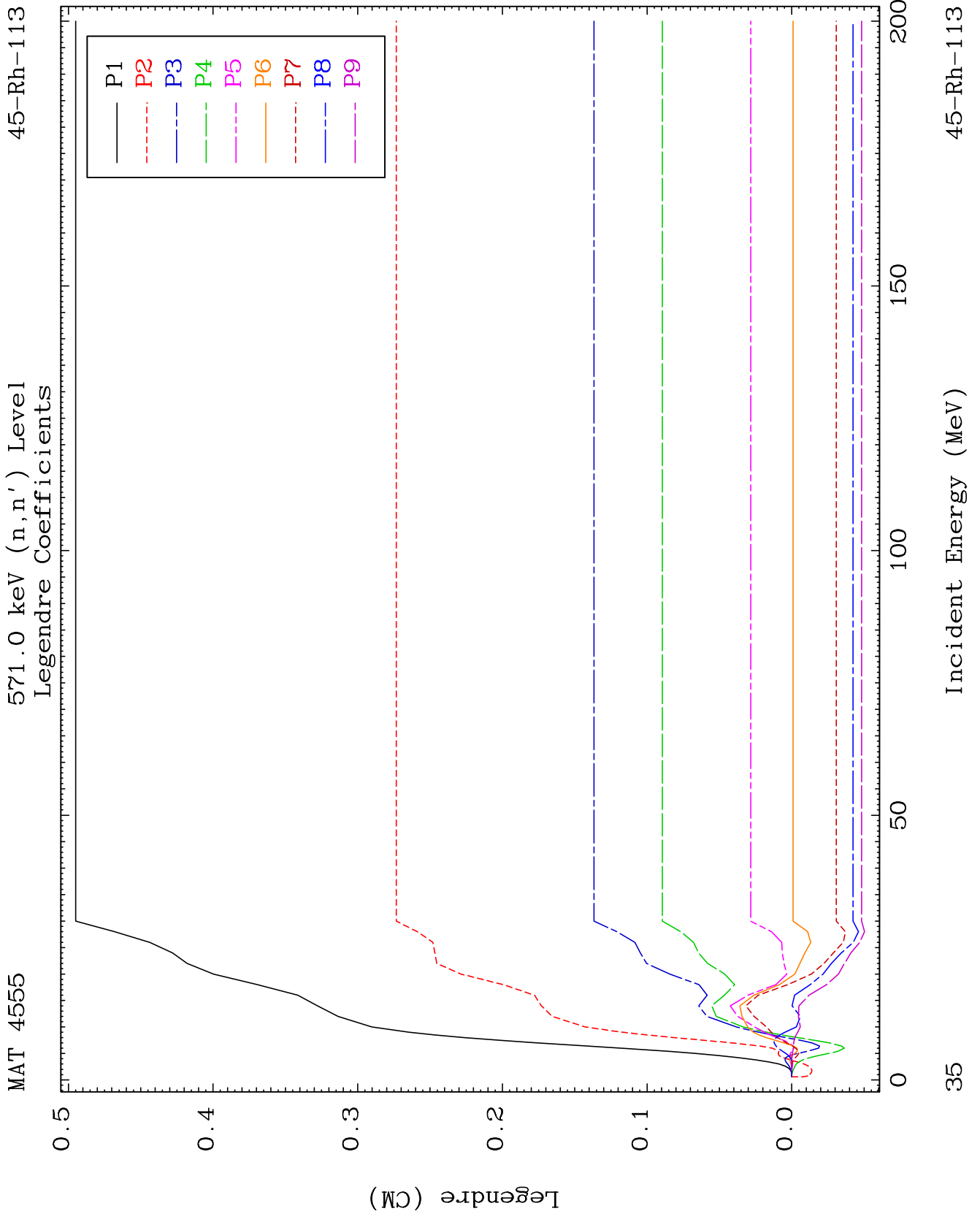
45-Rh-113

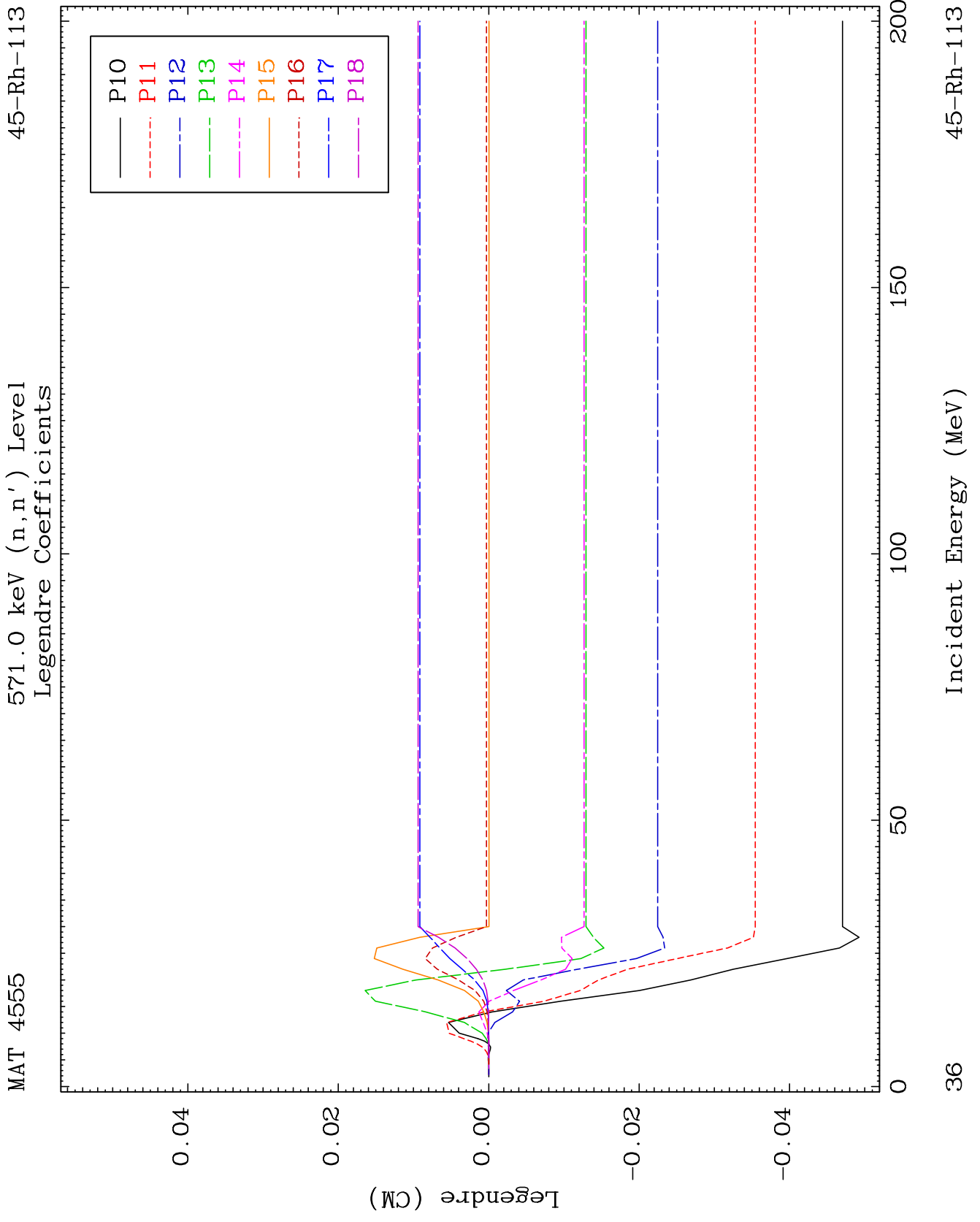


34

Incident Energy (MeV)

45-Rh-113

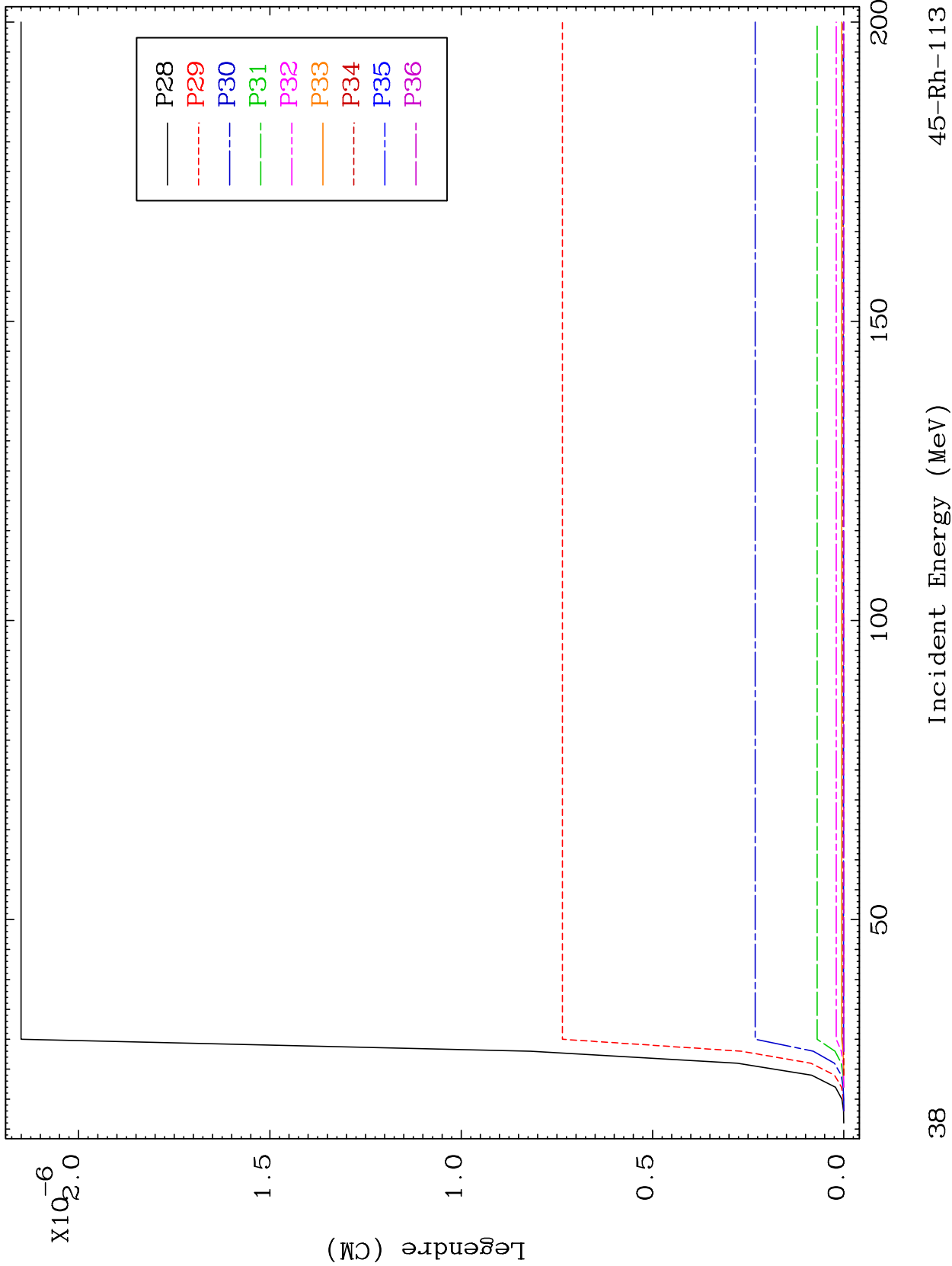




MAT 4555

571.0 keV (n,n') Level
Legendre Coefficients

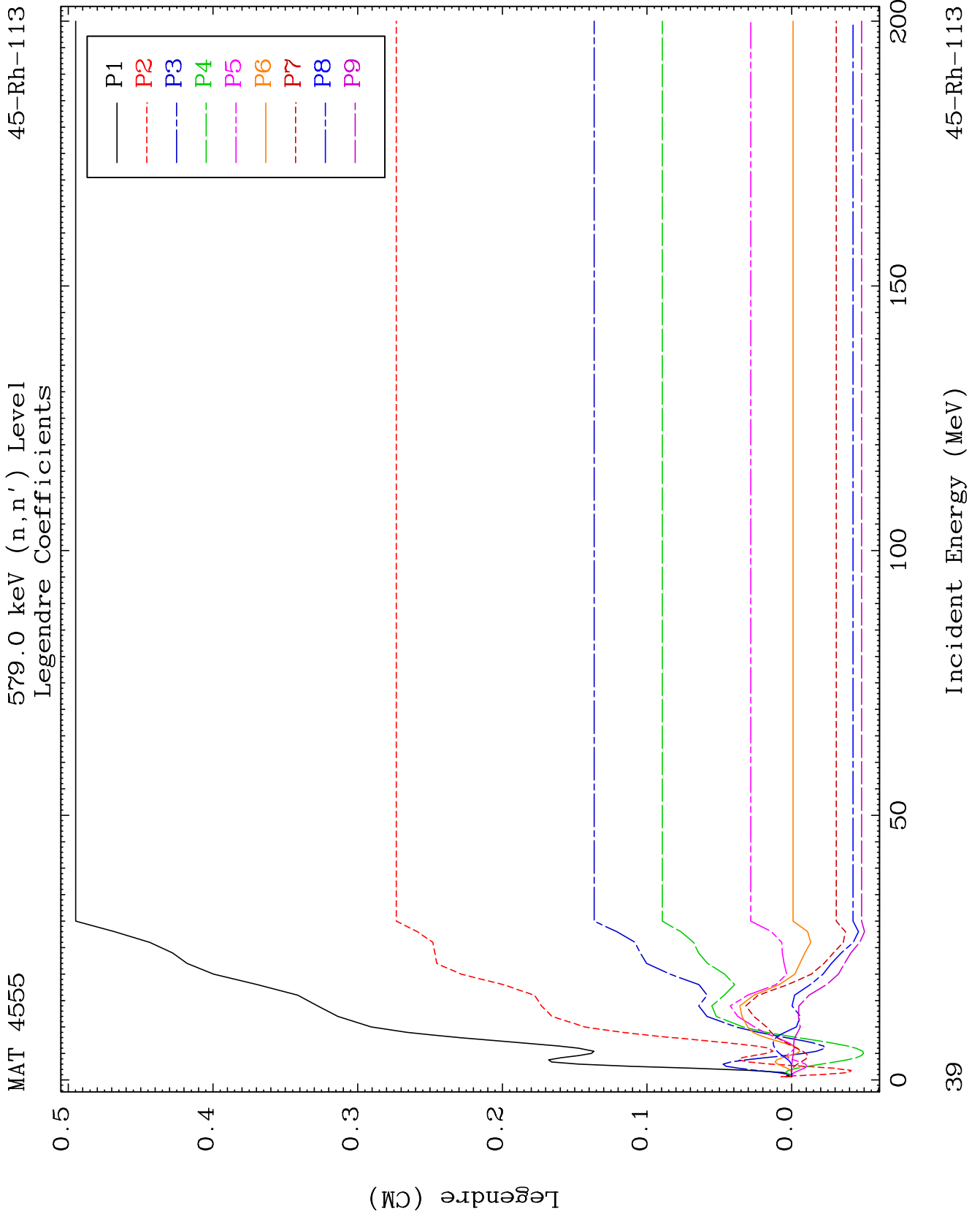
45-Rh-113

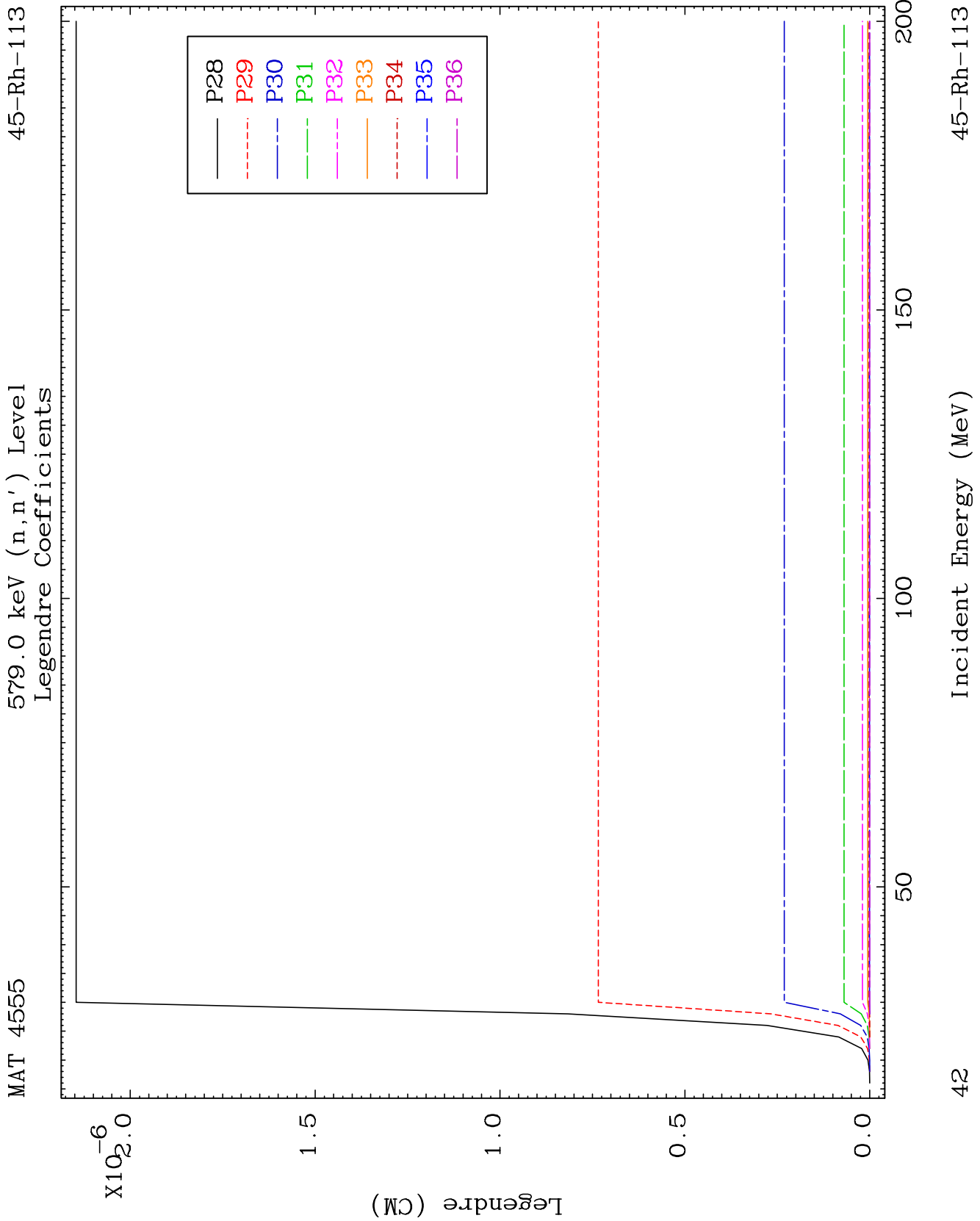


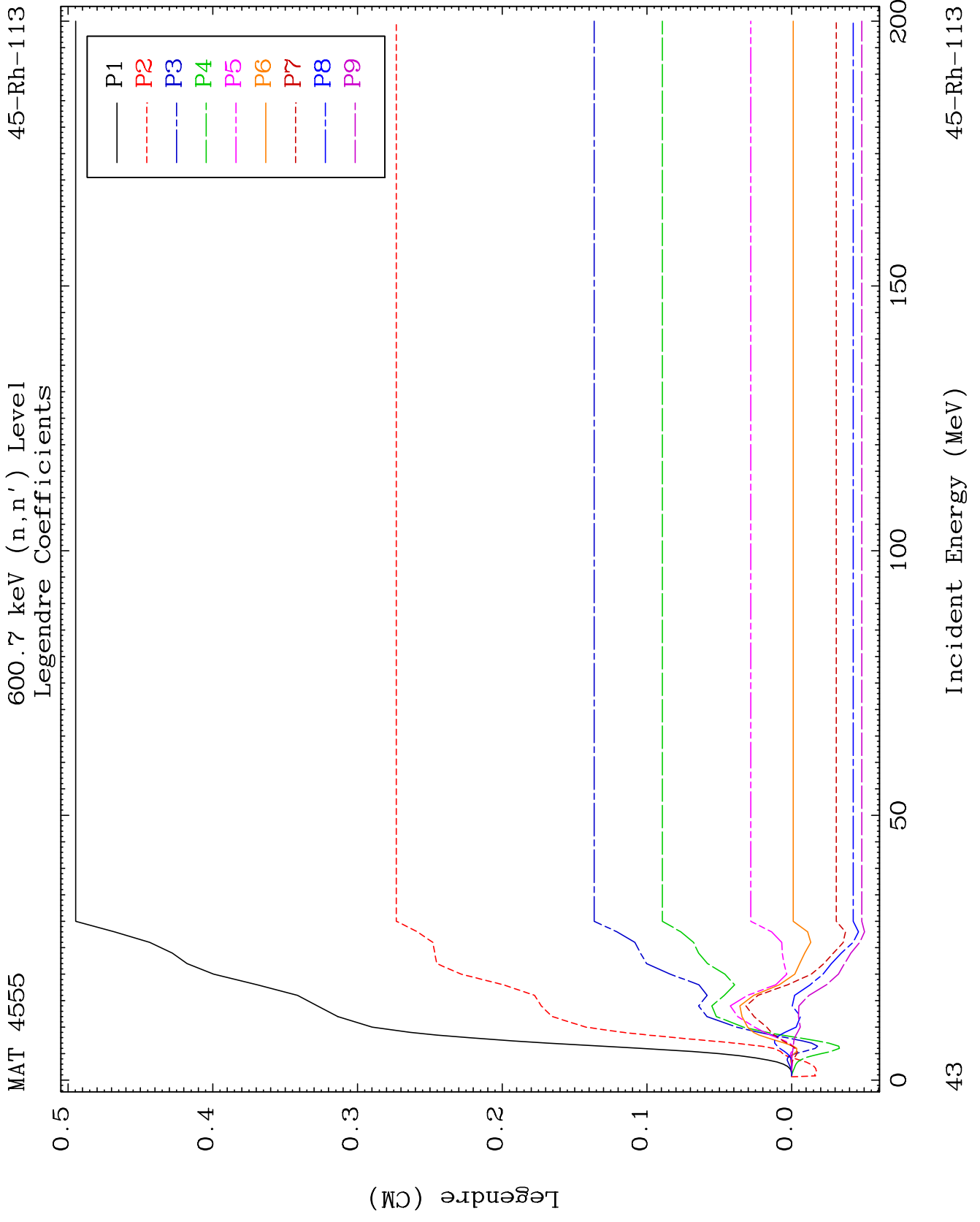
38

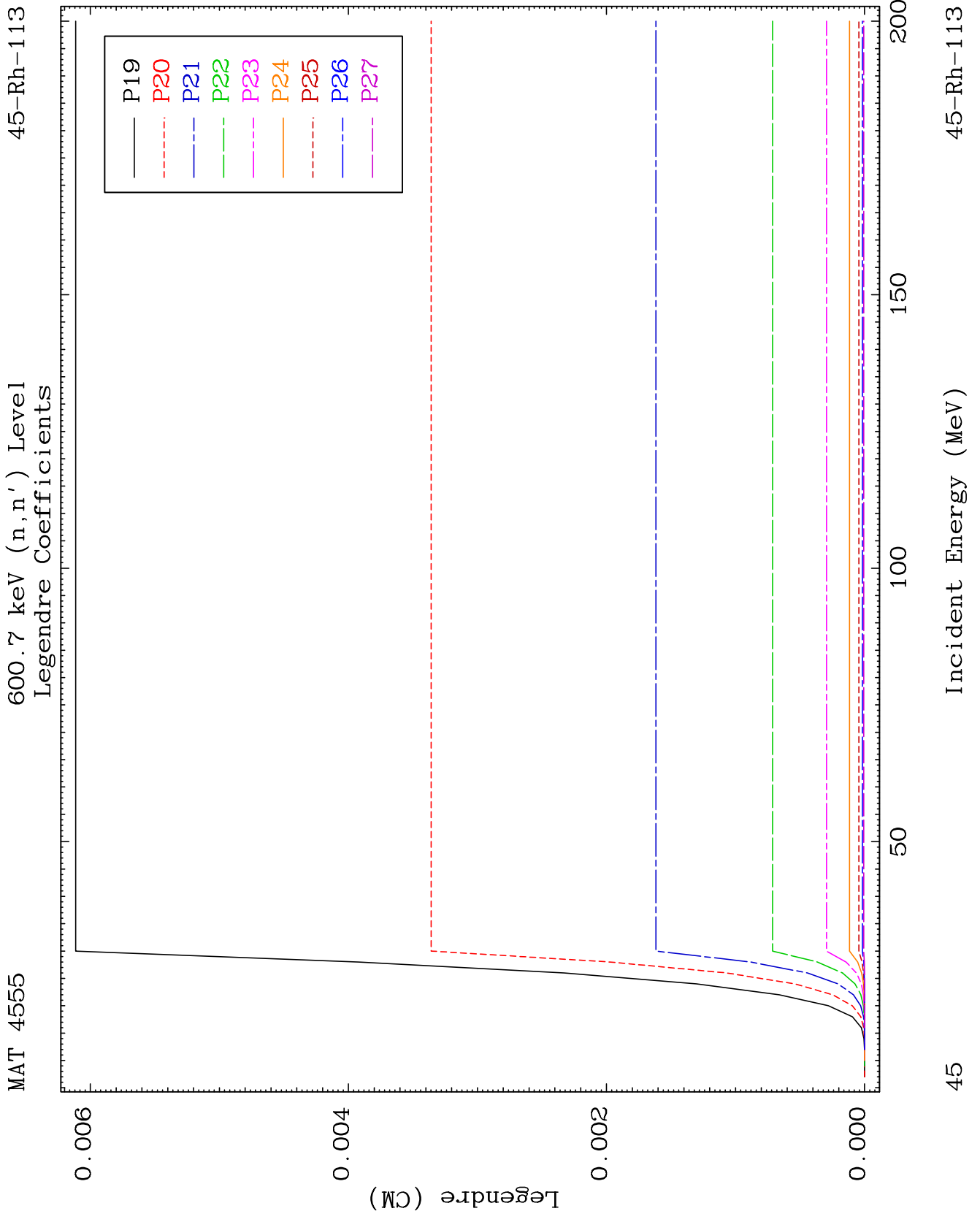
Incident Energy (MeV)

45-Rh-113





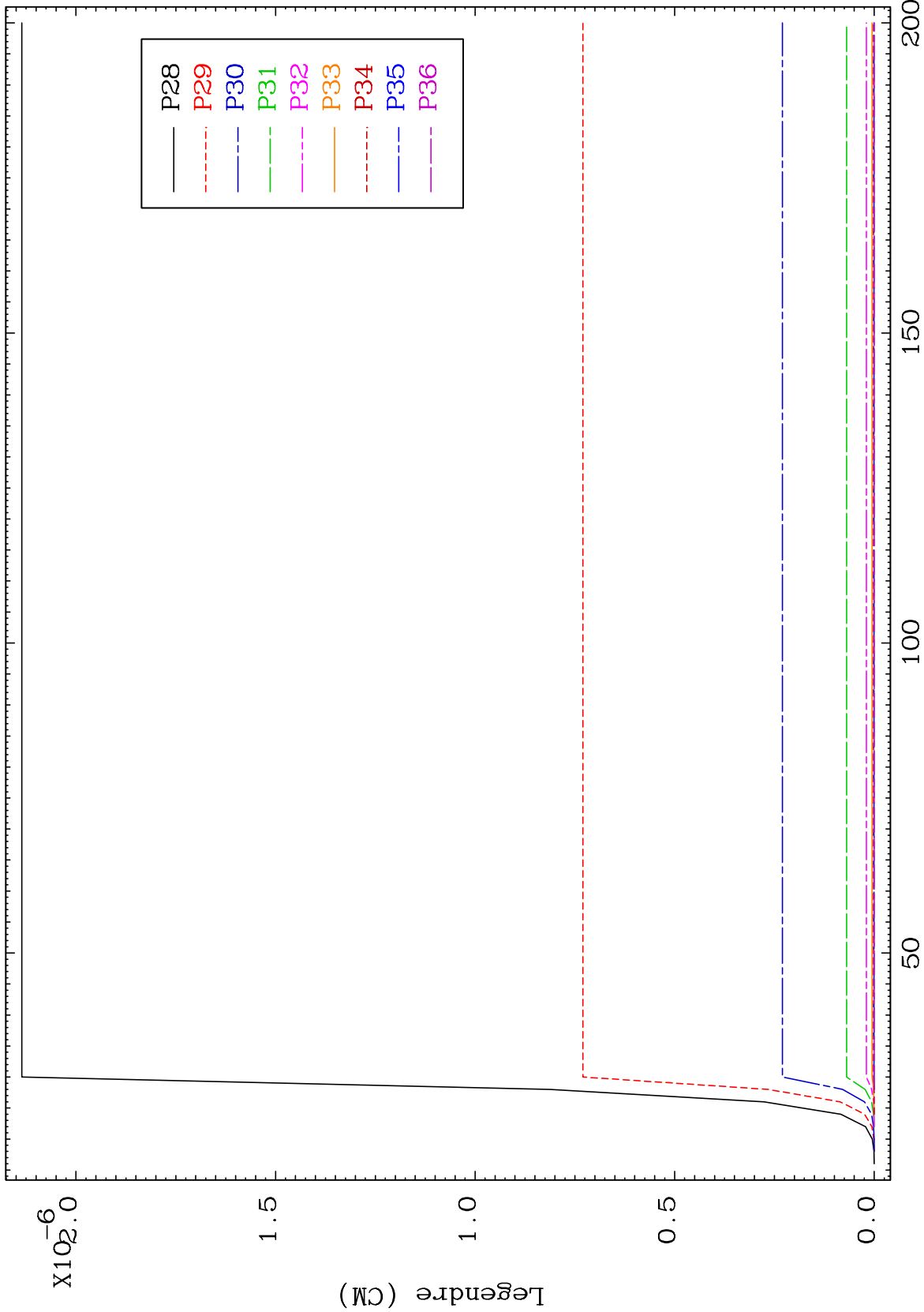




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600.7 keV (n, n') Level
Legendre Coefficients

45-Rh-113



46

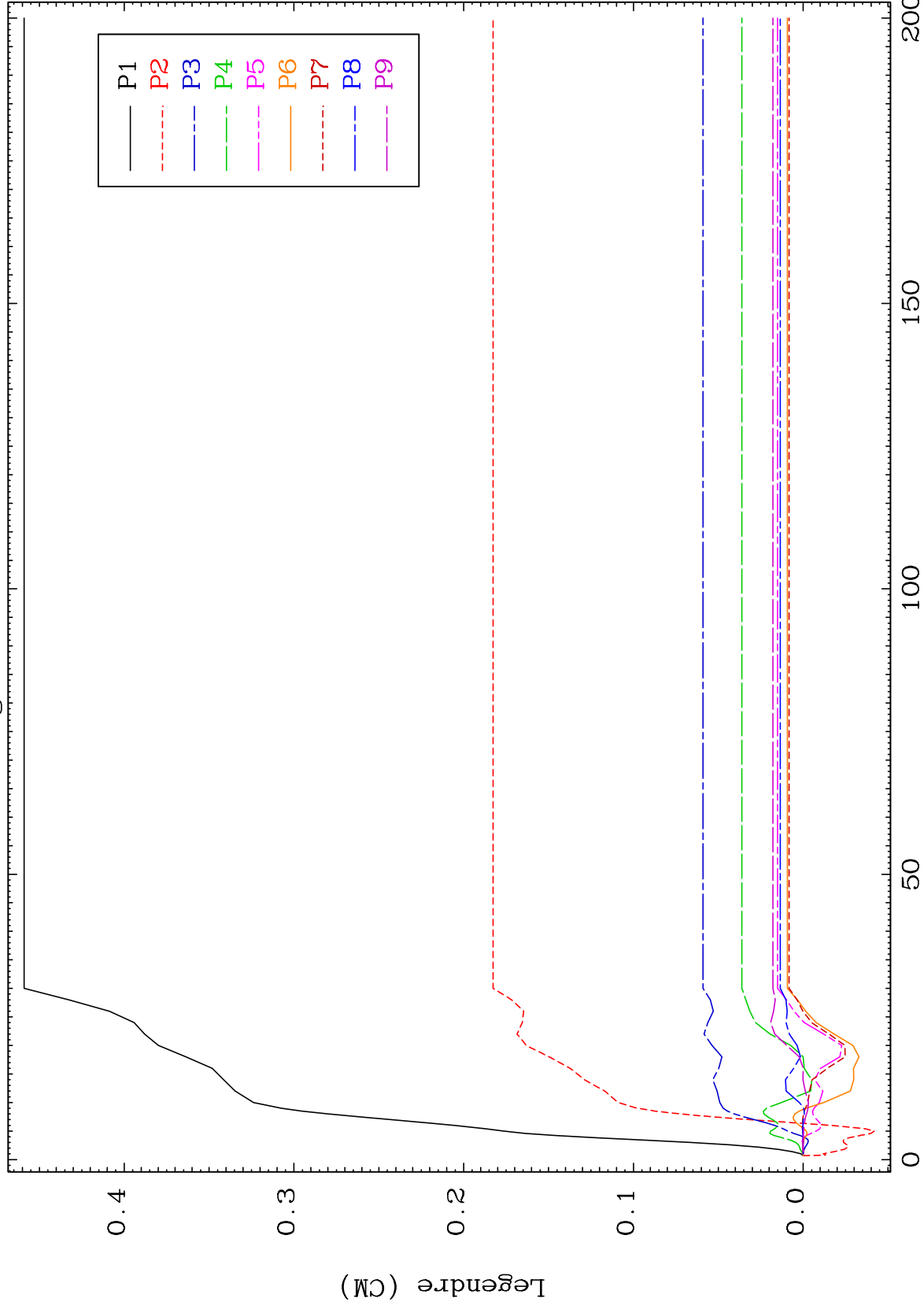
Incident Energy (MeV)

45-Rh-113

MAT 4555

666.2 keV (n,n') Level
Legendre Coefficients

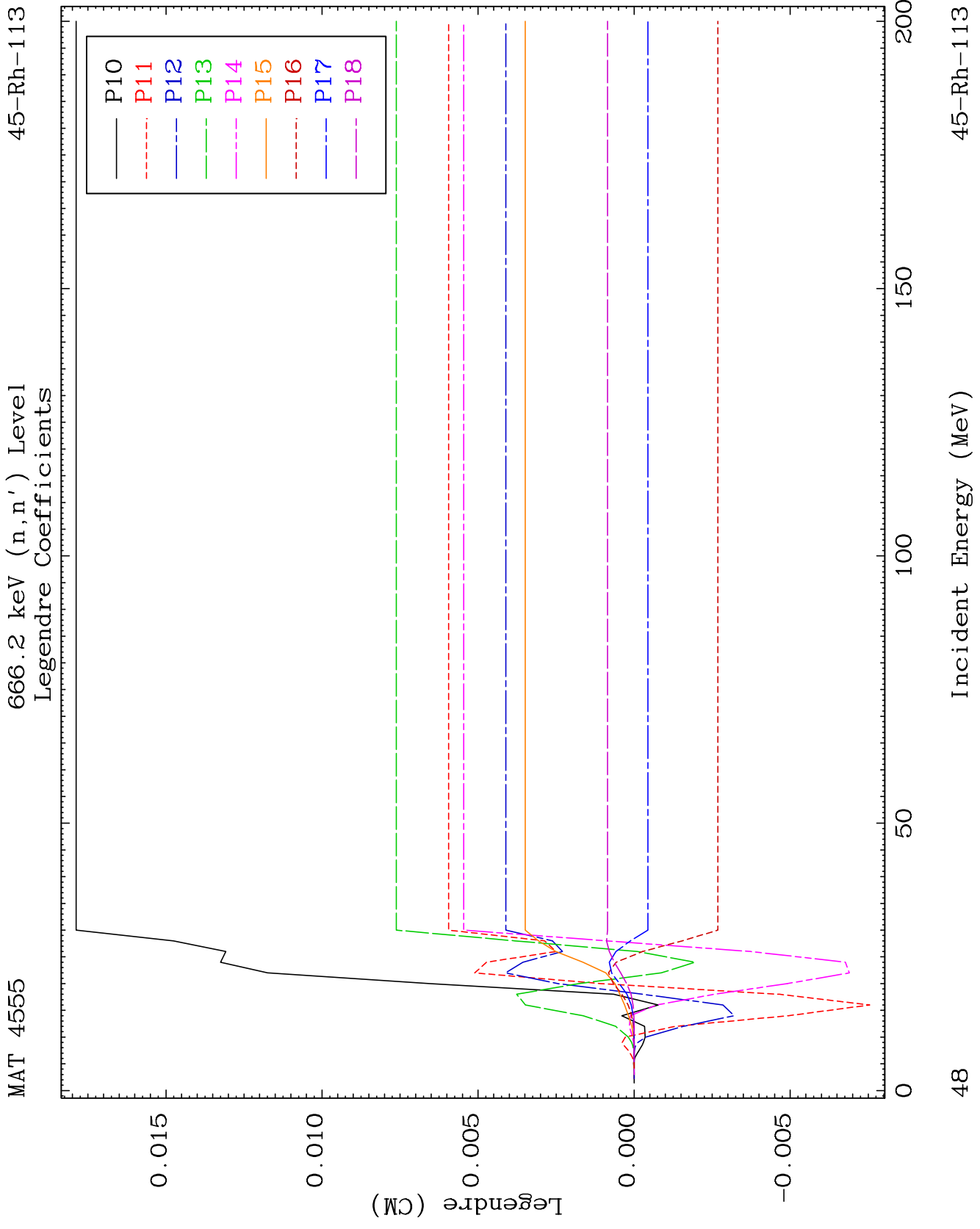
45-Rh-113



47

Incident Energy (MeV)

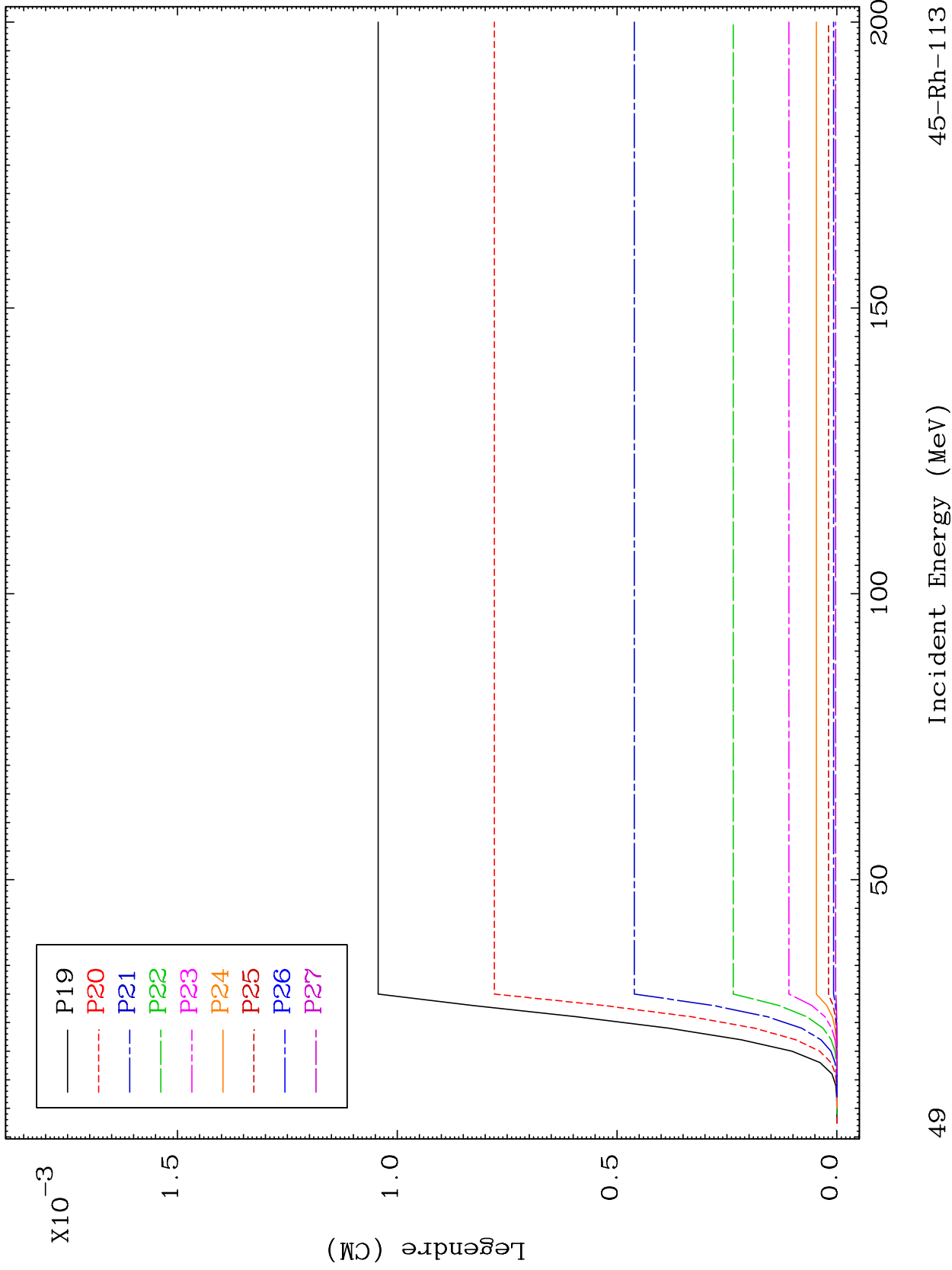
45-Rh-113



MAT 4555

666.2 keV (n,n') Level
Legendre Coefficients

45-Rh-113



49

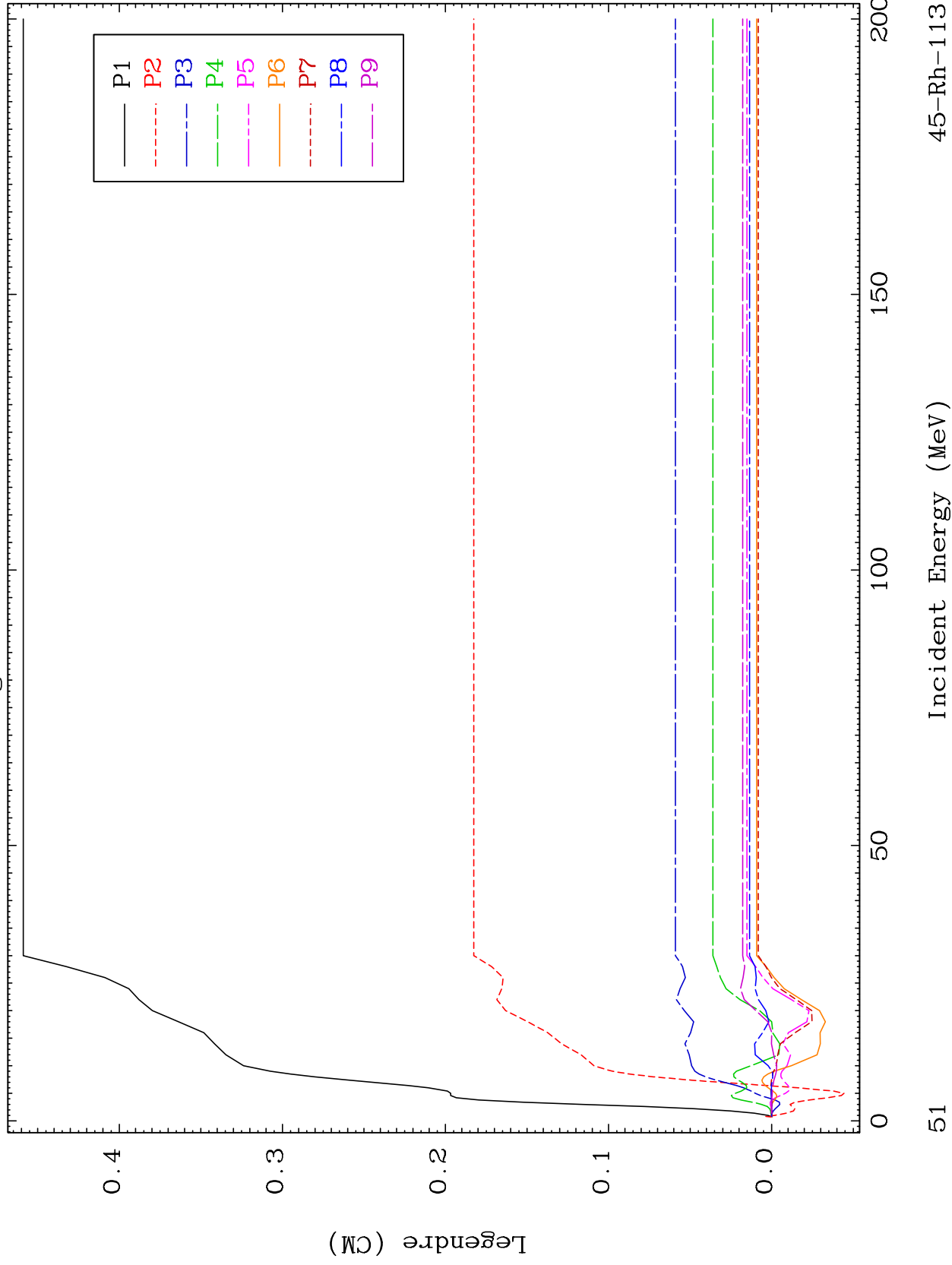
Incident Energy (MeV)

45-Rh-113

MAT 4555

684.7 keV (n, n') Level
Legendre Coefficients

45-Rh-113



45-Rh-113

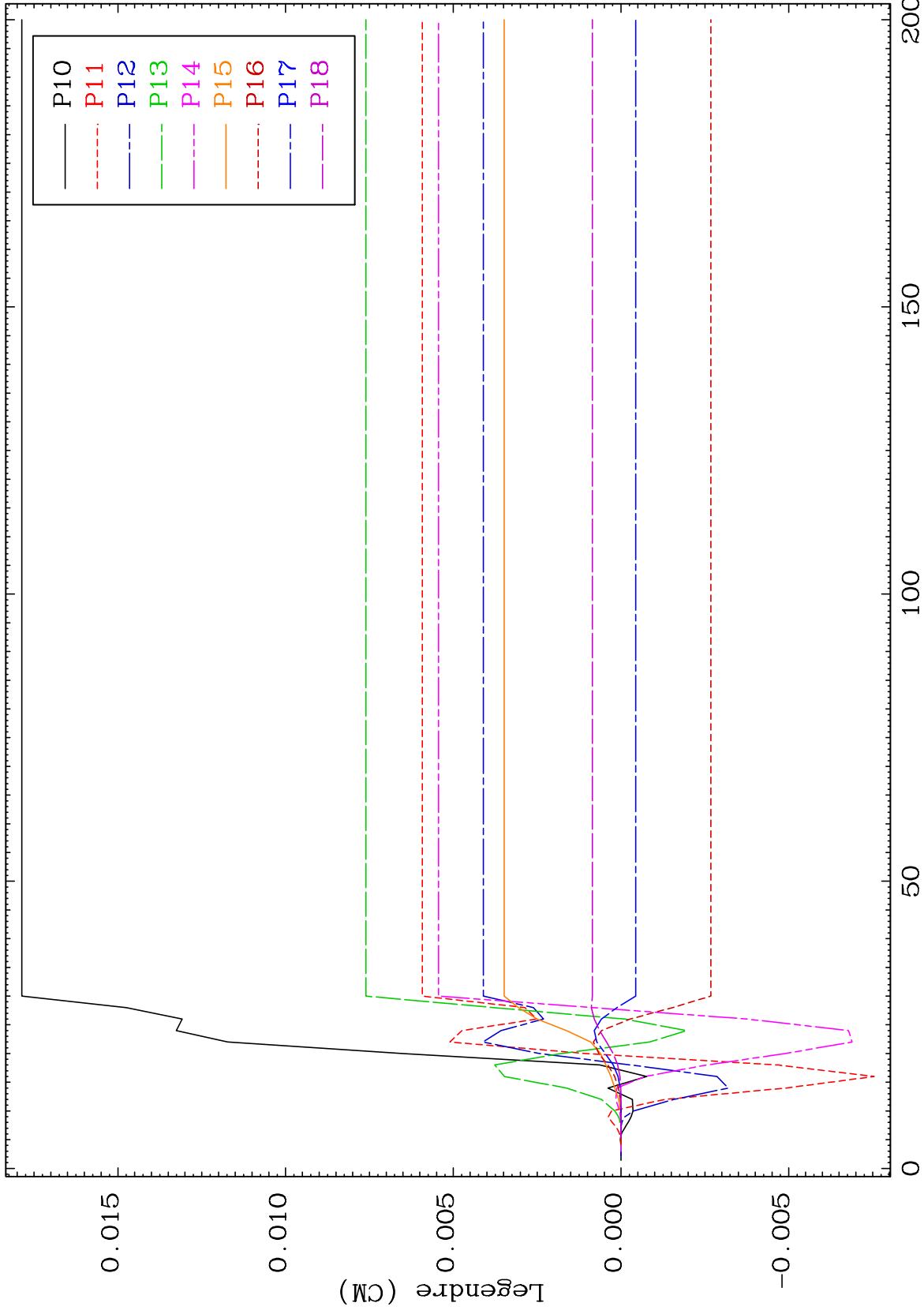
Incident Energy (MeV)

51

MAT 4555

684.7 keV (n,n') Level
Legendre Coefficients

45-Rh-113



52

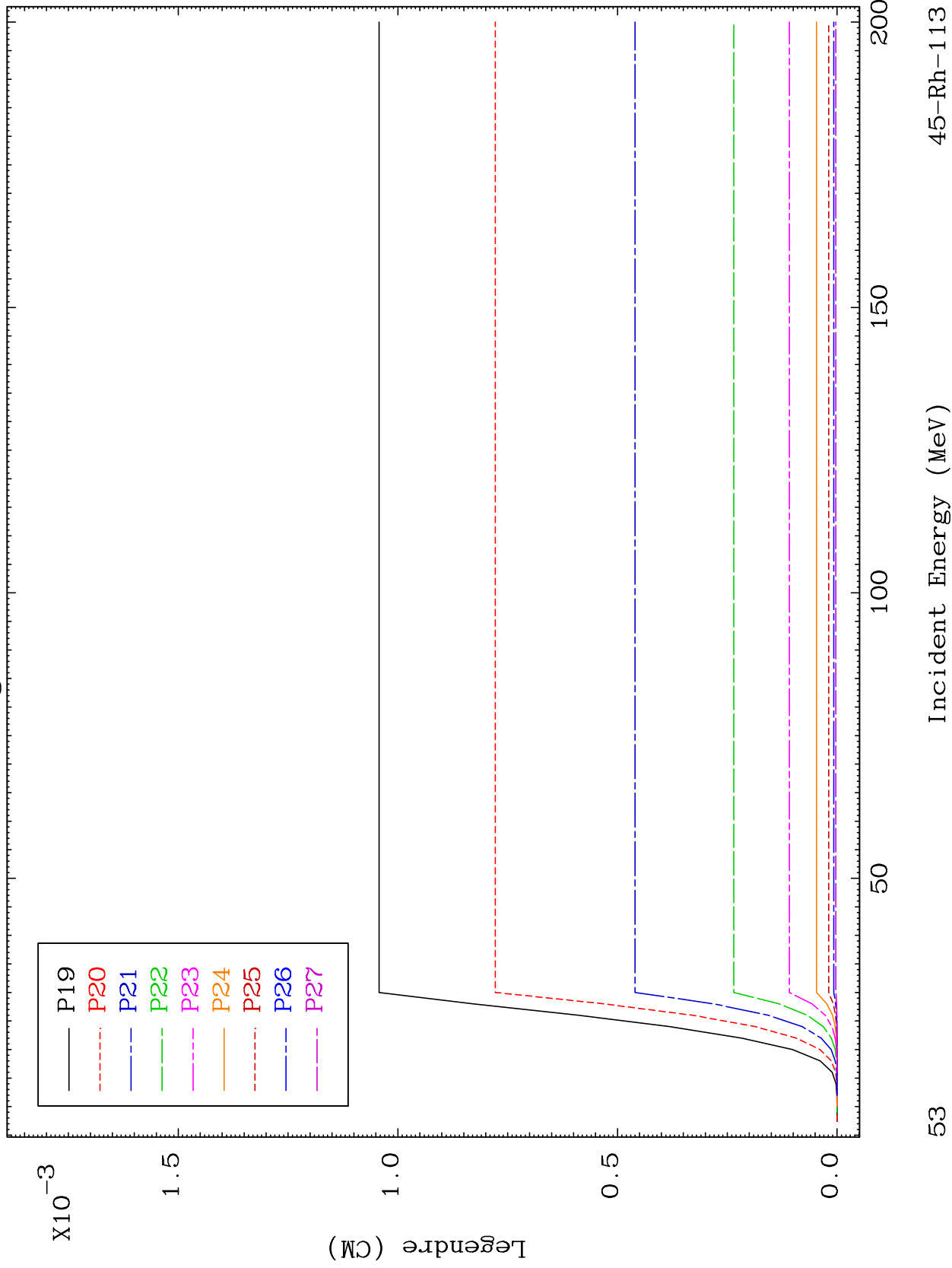
Incident Energy (MeV)

45-Rh-113

MAT 4555

684.7 keV (n, n') Level
Legendre Coefficients

45-Rh-113



53

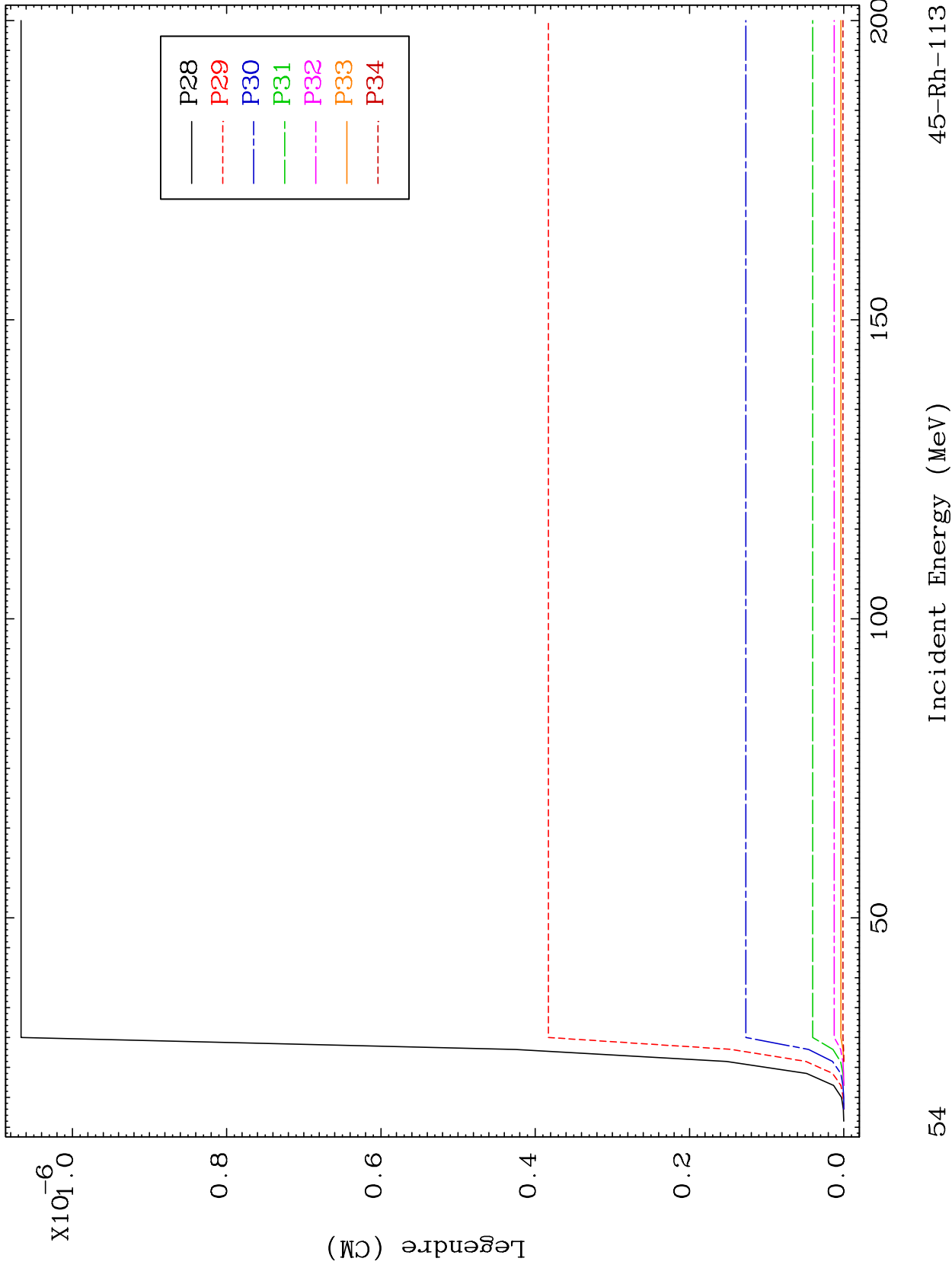
Incident Energy (MeV)

45-Rh-113

MAT 4555

684.7 keV (n,n') Level
Legendre Coefficients

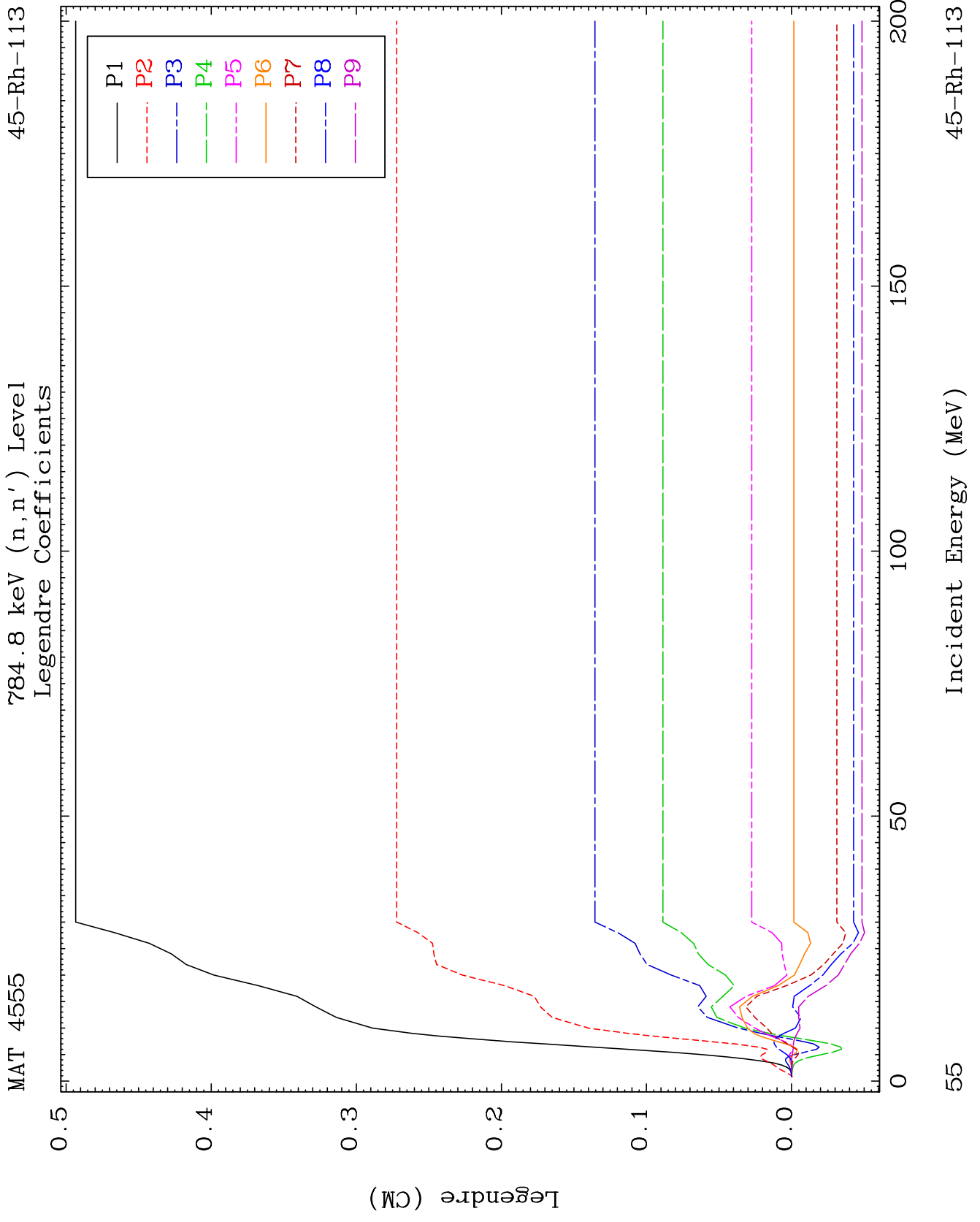
45-Rh-113

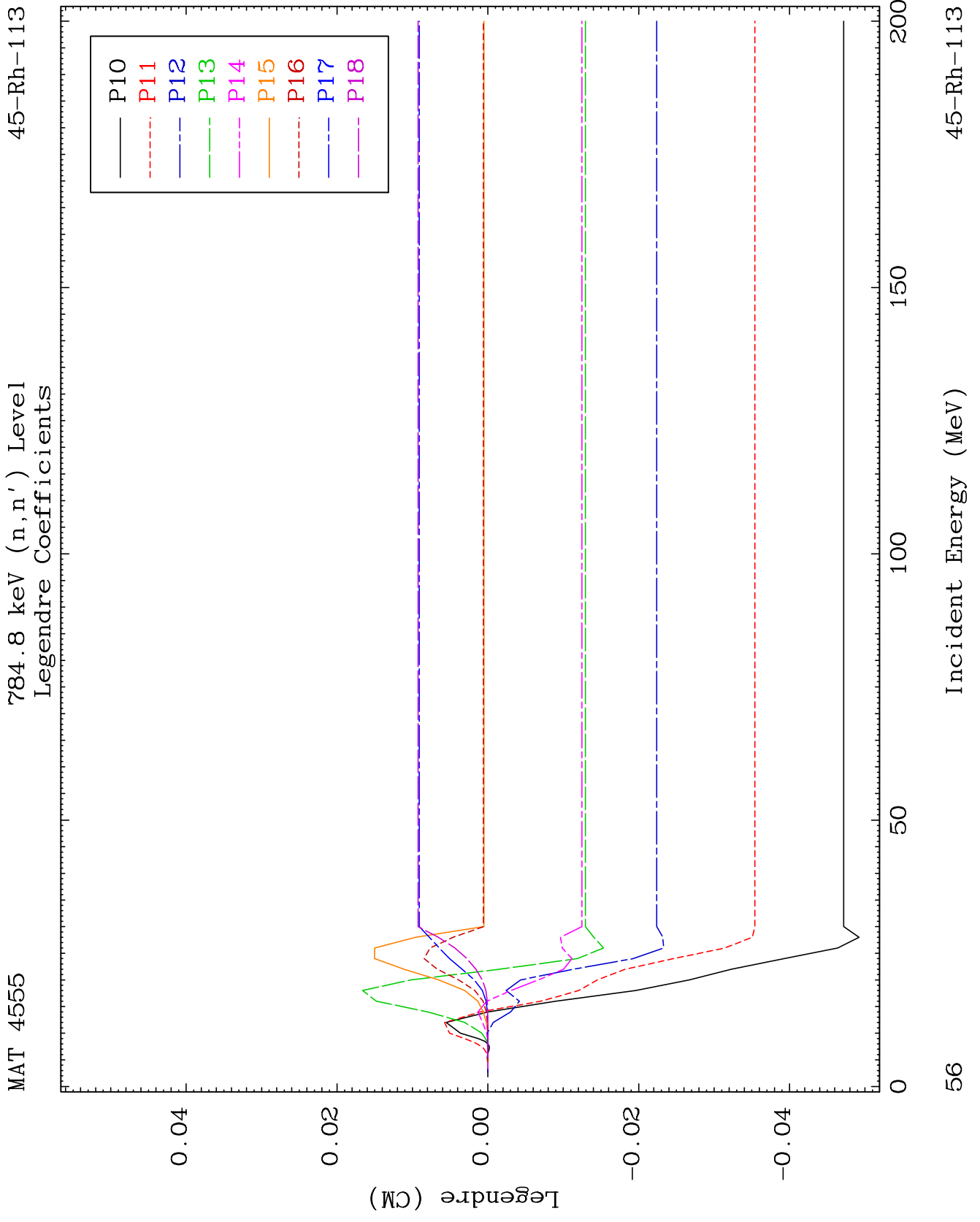


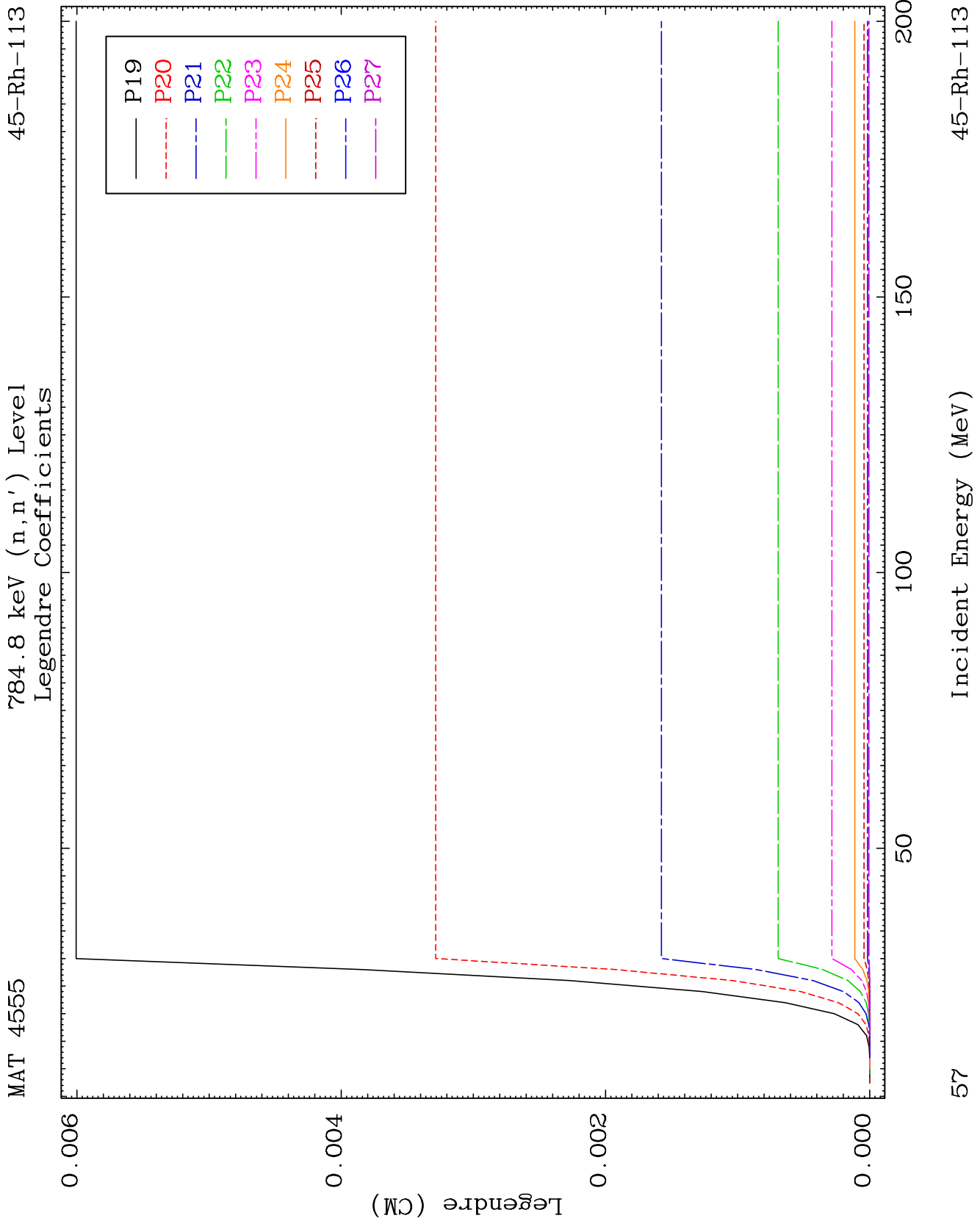
54

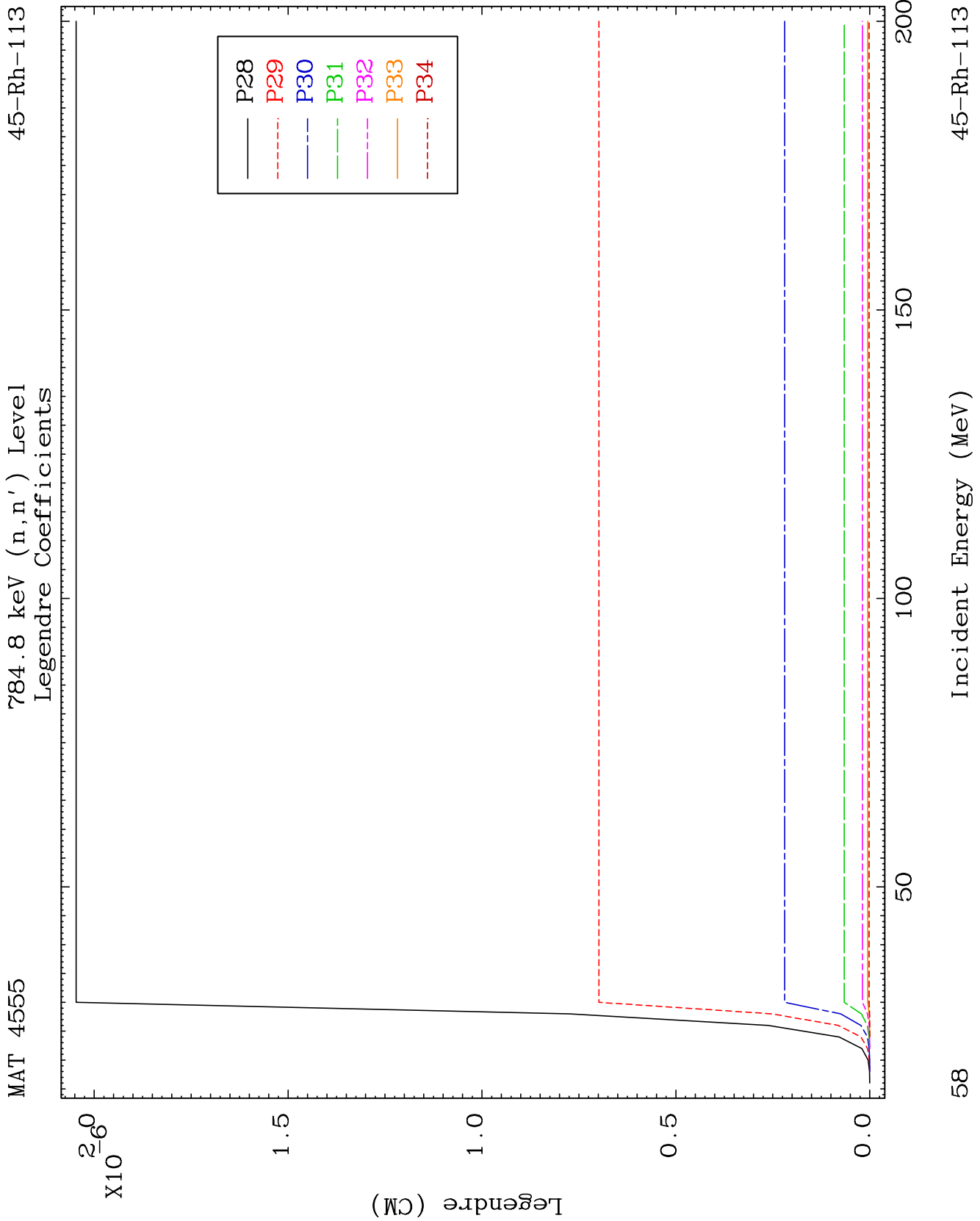
Incident Energy (MeV)

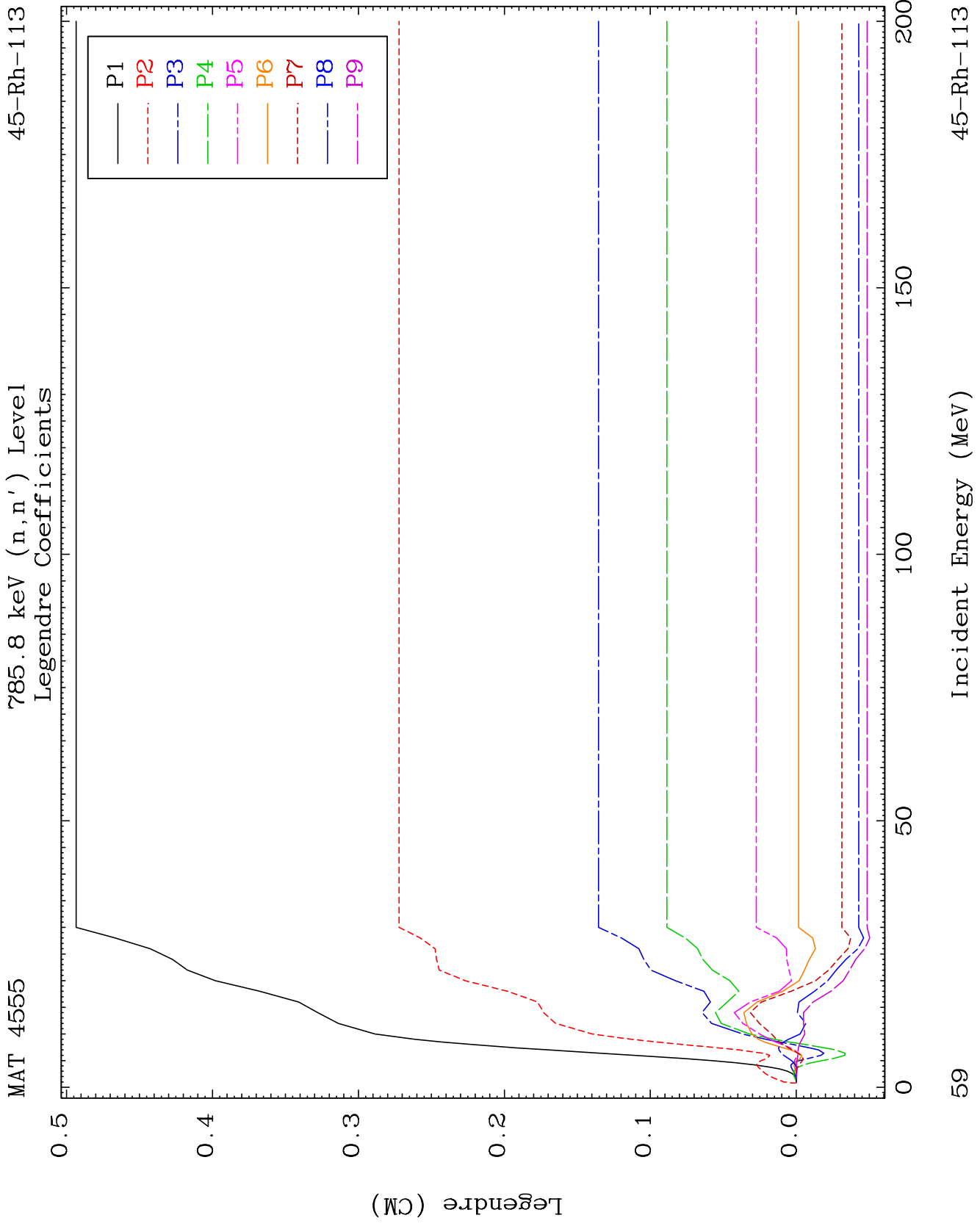
45-Rh-113

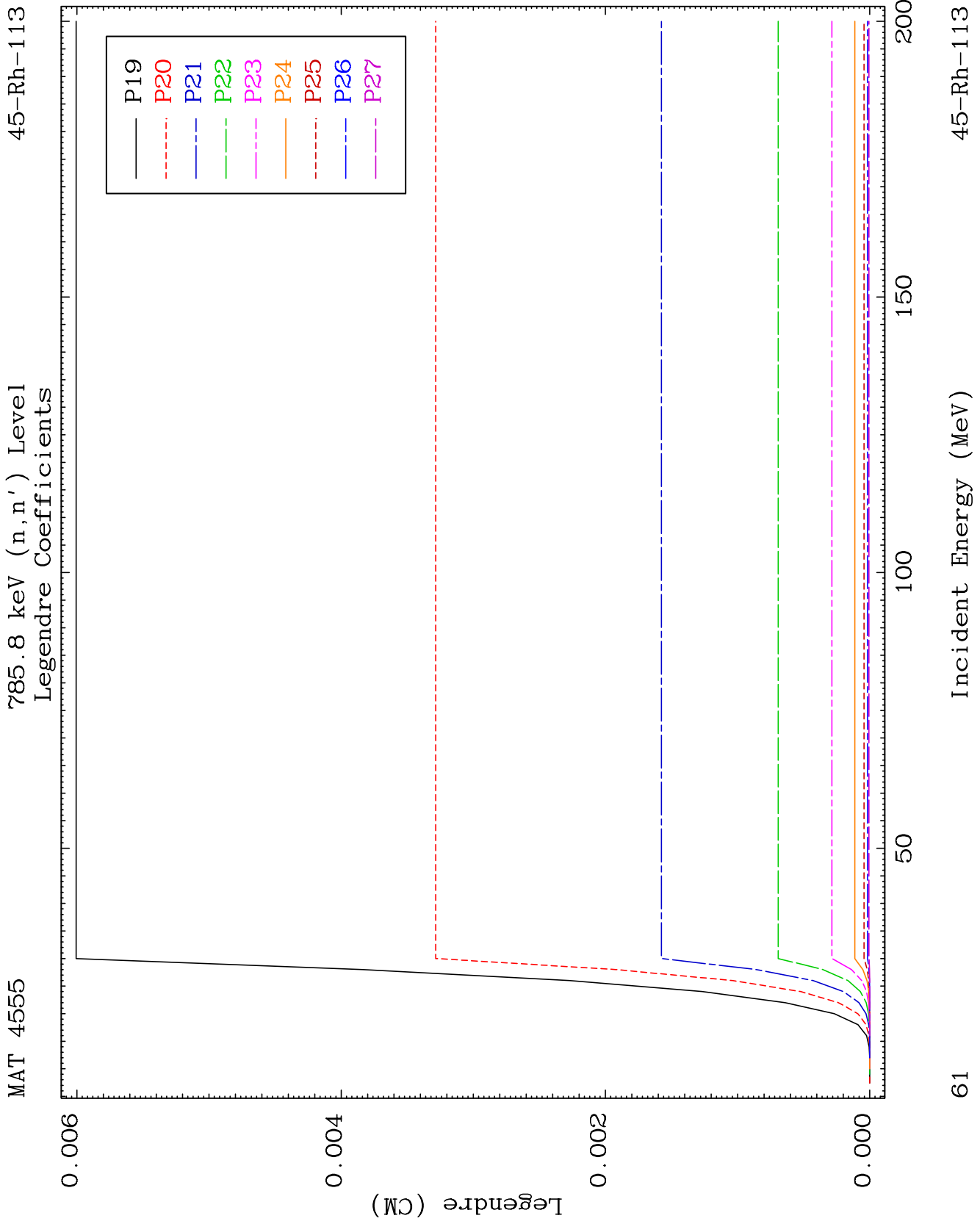


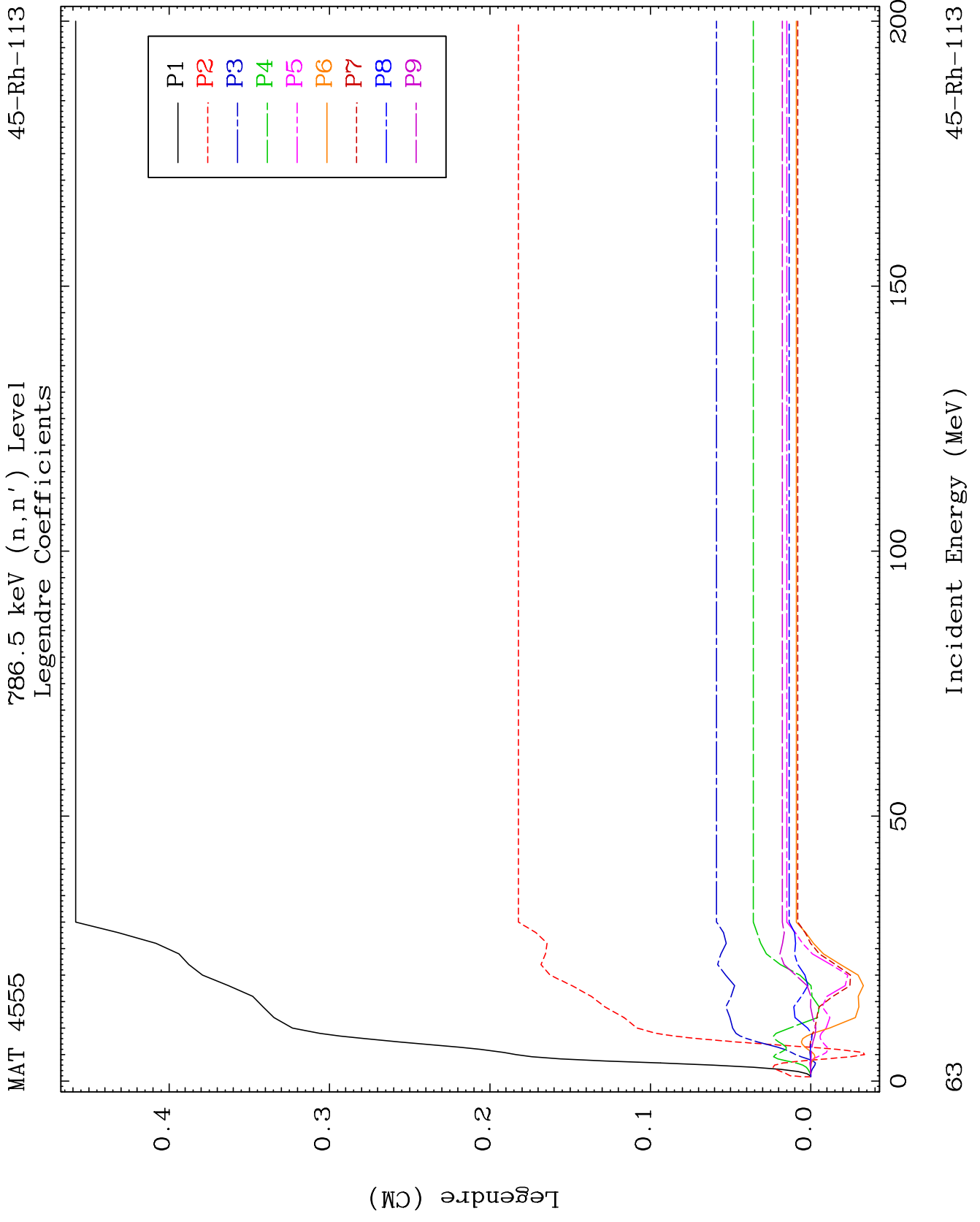








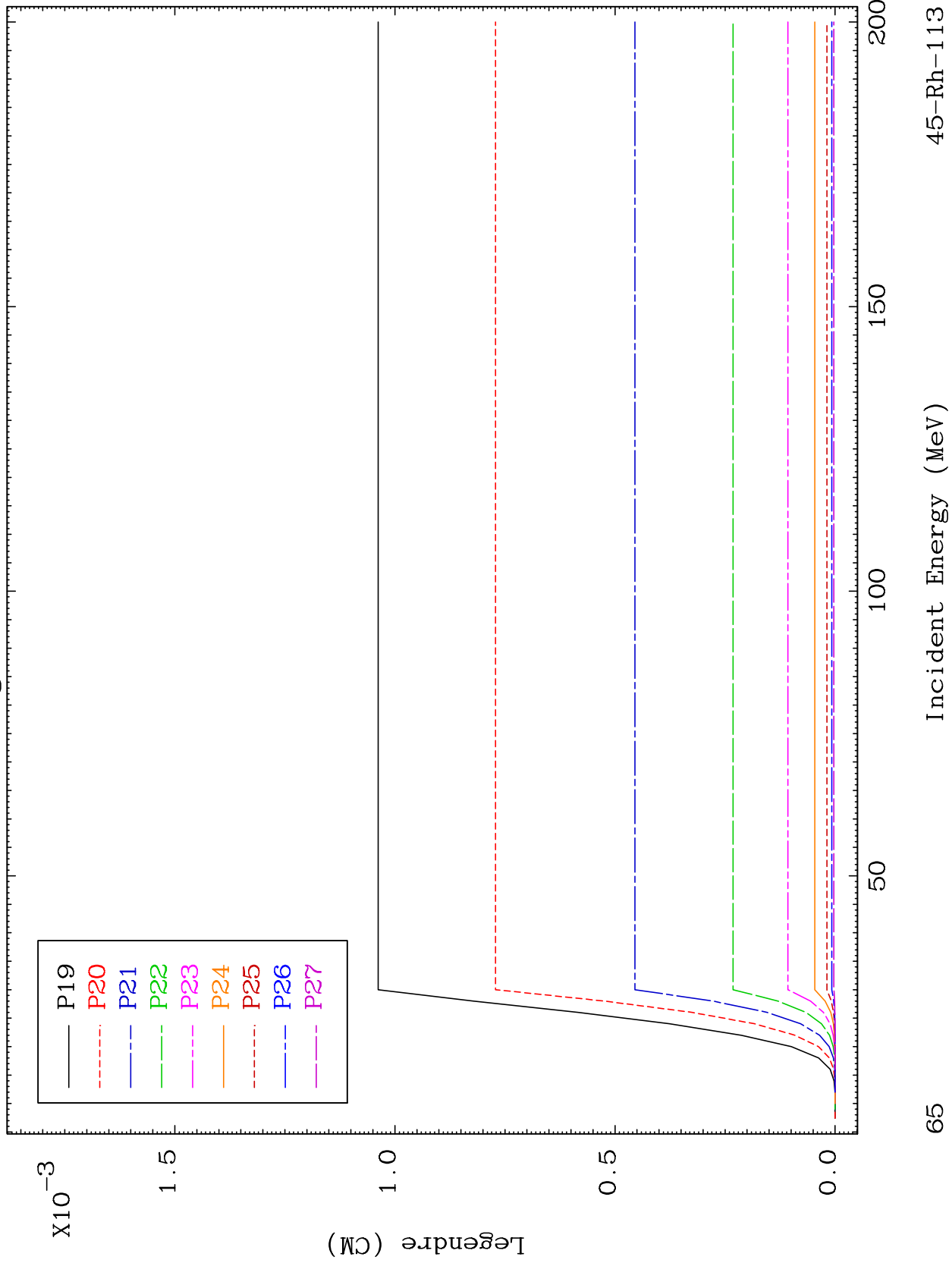




MAT 4555

786.5 keV (n,n') Level
Legendre Coefficients

45-Rh-113



65

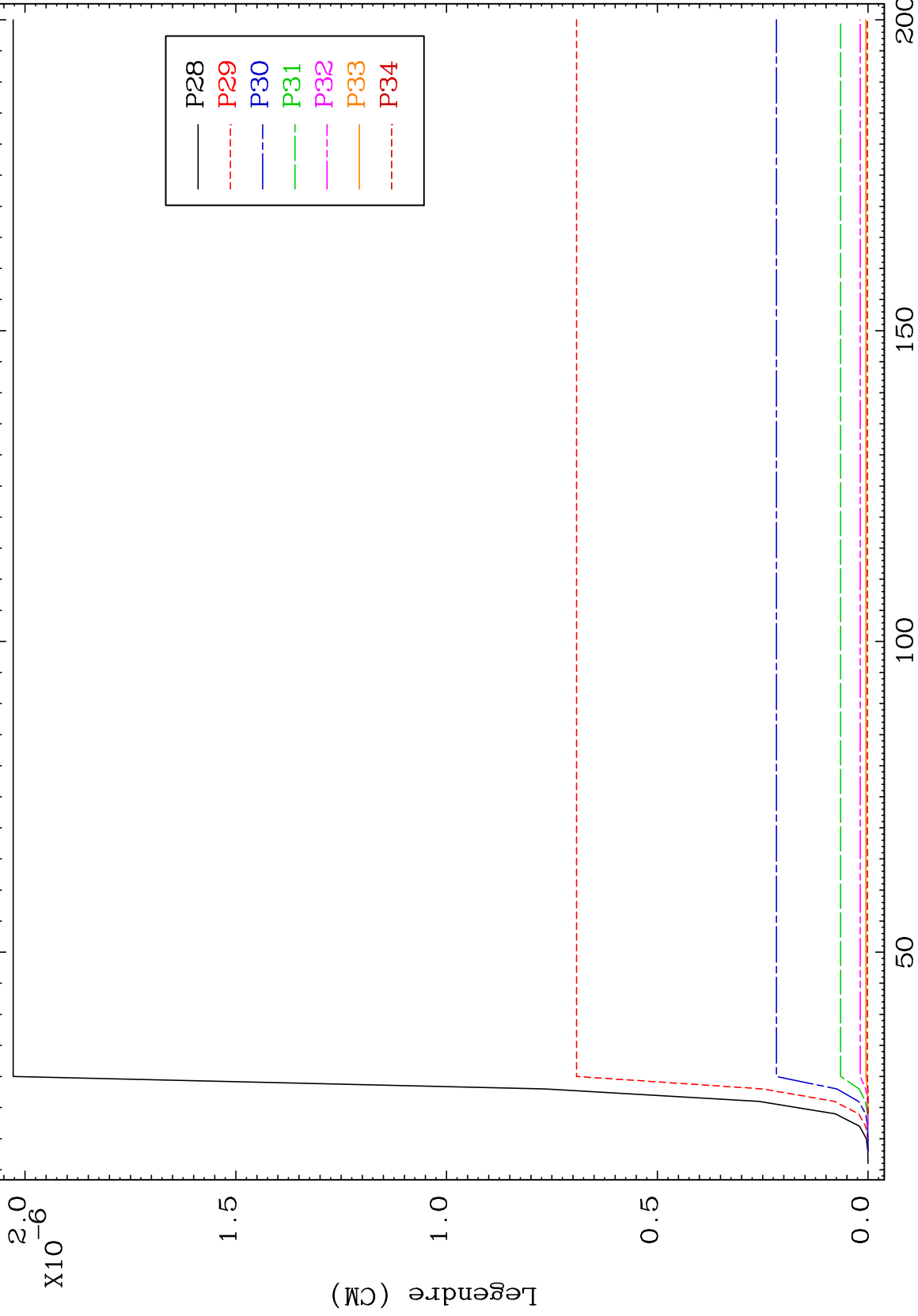
Incident Energy (MeV)

45-Rh-113

MAT 4555

823.4 keV (n, n') Level
Legendre Coefficients

45-Rh-113



70

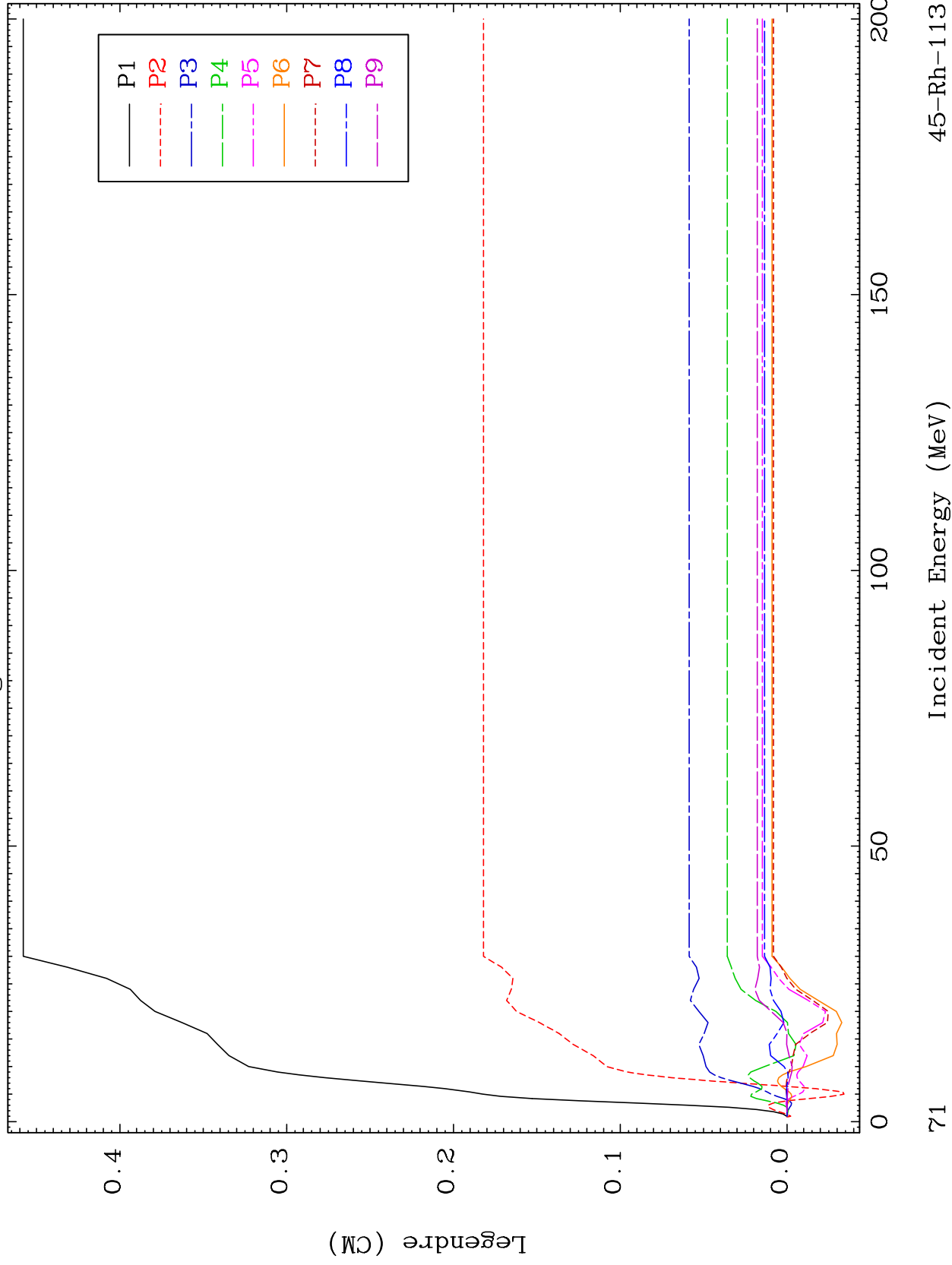
Incident Energy (MeV)

45-Rh-113

MAT 4555

834.4 keV (n,n') Level
Legendre Coefficients

45-Rh-113



45-Rh-113

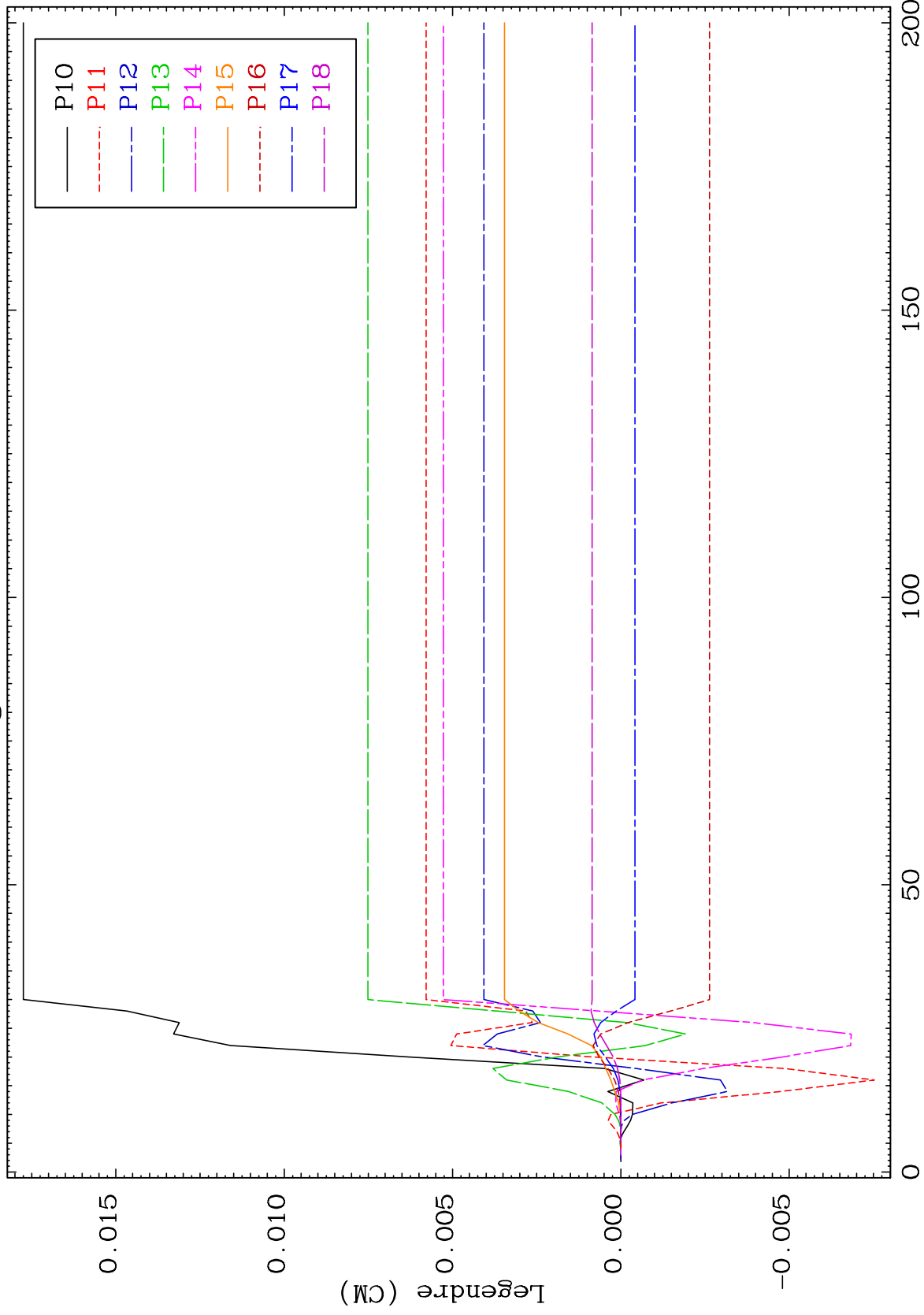
Incident Energy (MeV)

71

MAT 4555

834.4 keV (n,n') Level
Legendre Coefficients

45-Rh-113



72

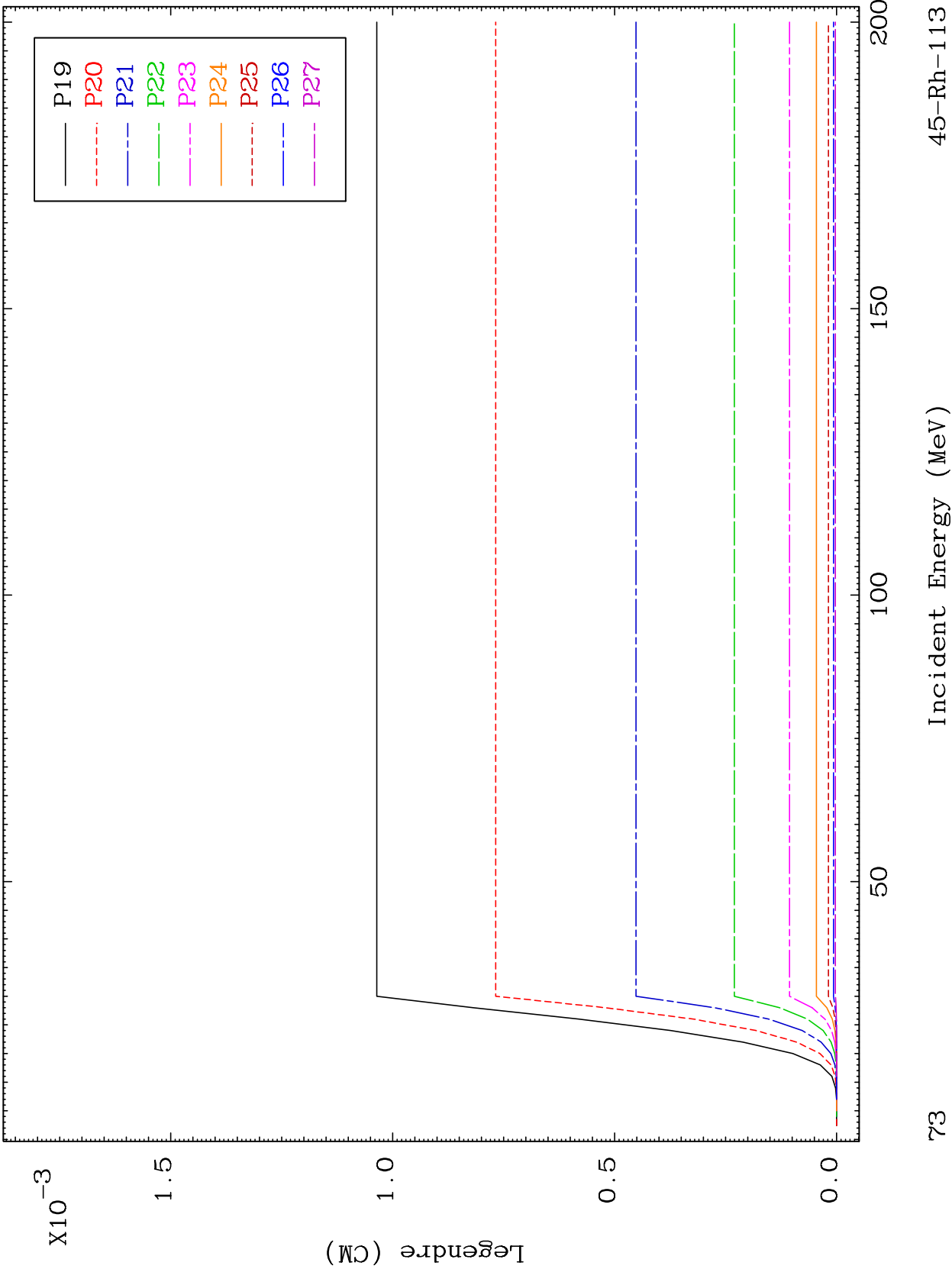
Incident Energy (MeV)

45-Rh-113

MAT 4555

834.4 keV (n, n') Level
Legendre Coefficients

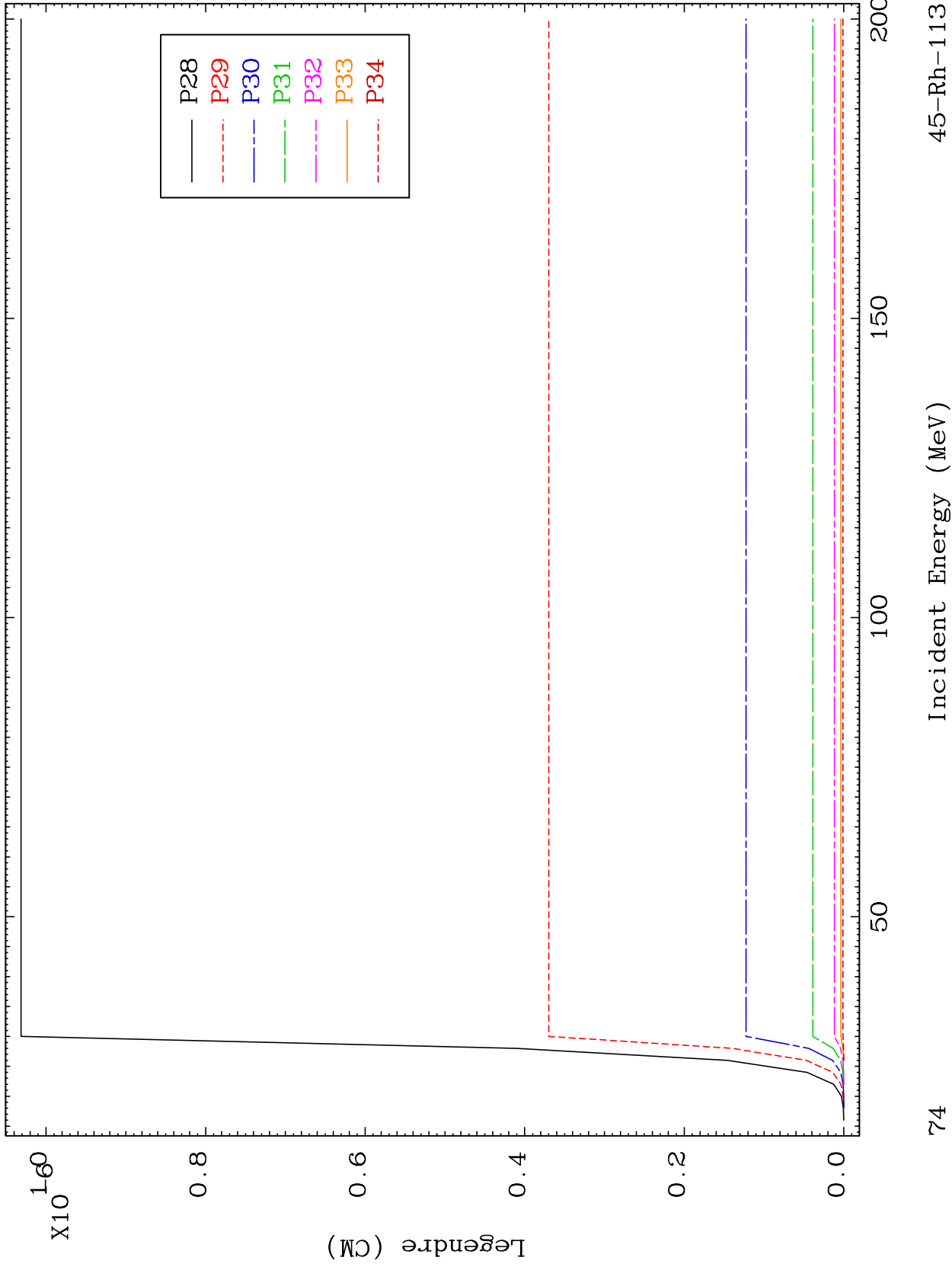
45-Rh-113



MAT 4555

834.4 keV (n, n') Level
Legendre Coefficients

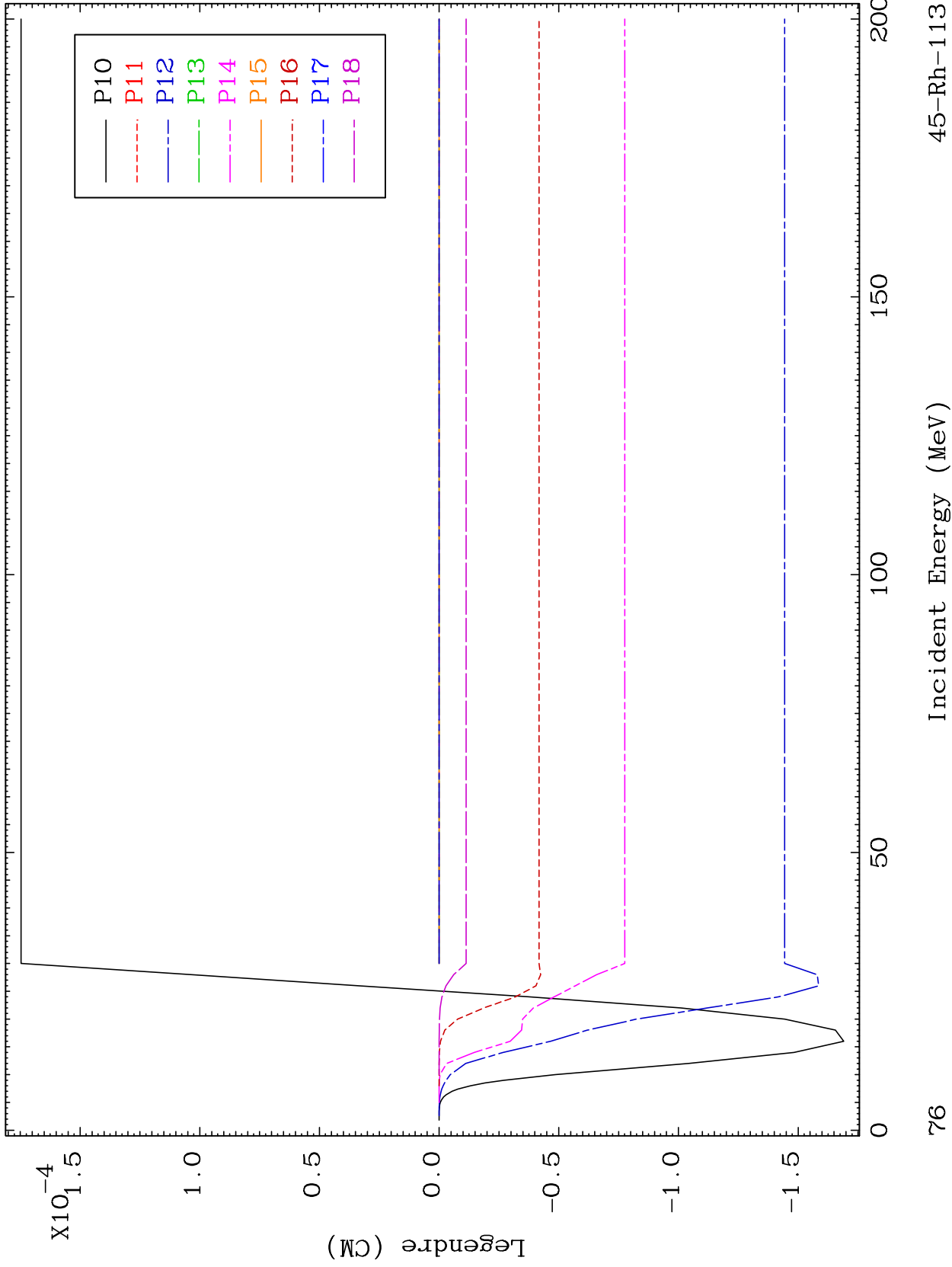
45-Rh-113



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883.2 keV (n,n') Level
Legendre Coefficients

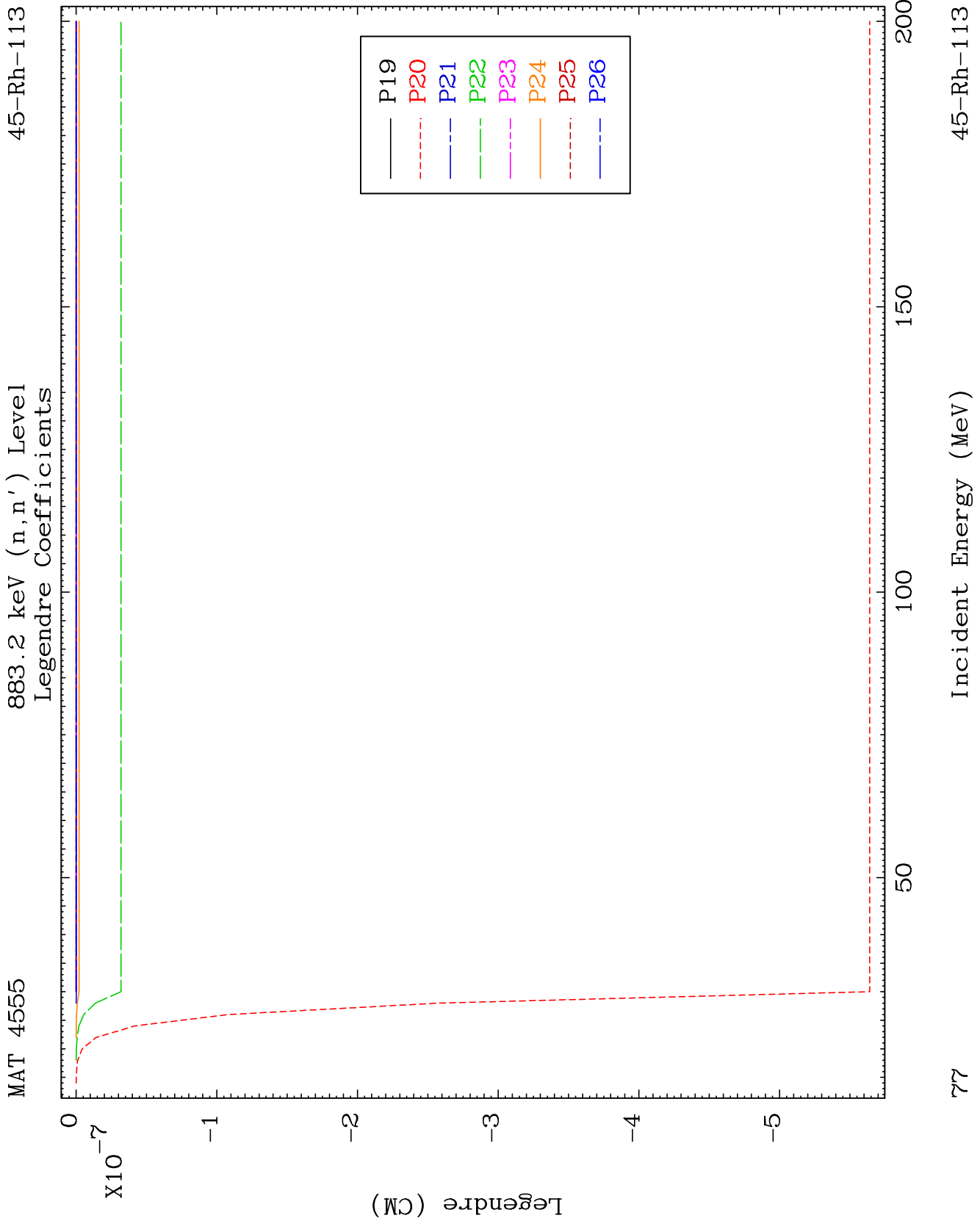
45-Rh-113



76

Incident Energy (MeV)

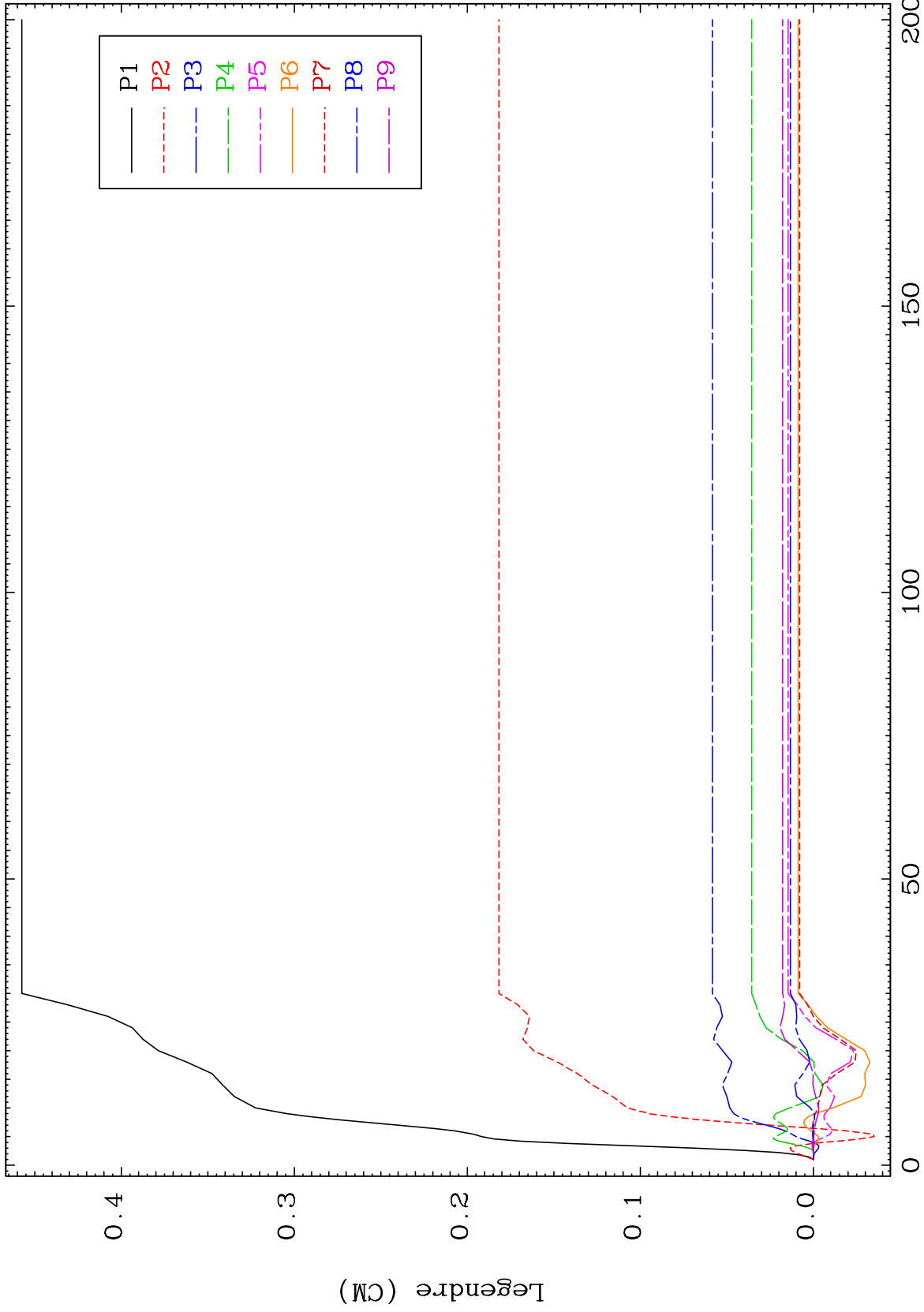
45-Rh-113



MAT 4555

911.9 keV (n,n') Level
Legendre Coefficients

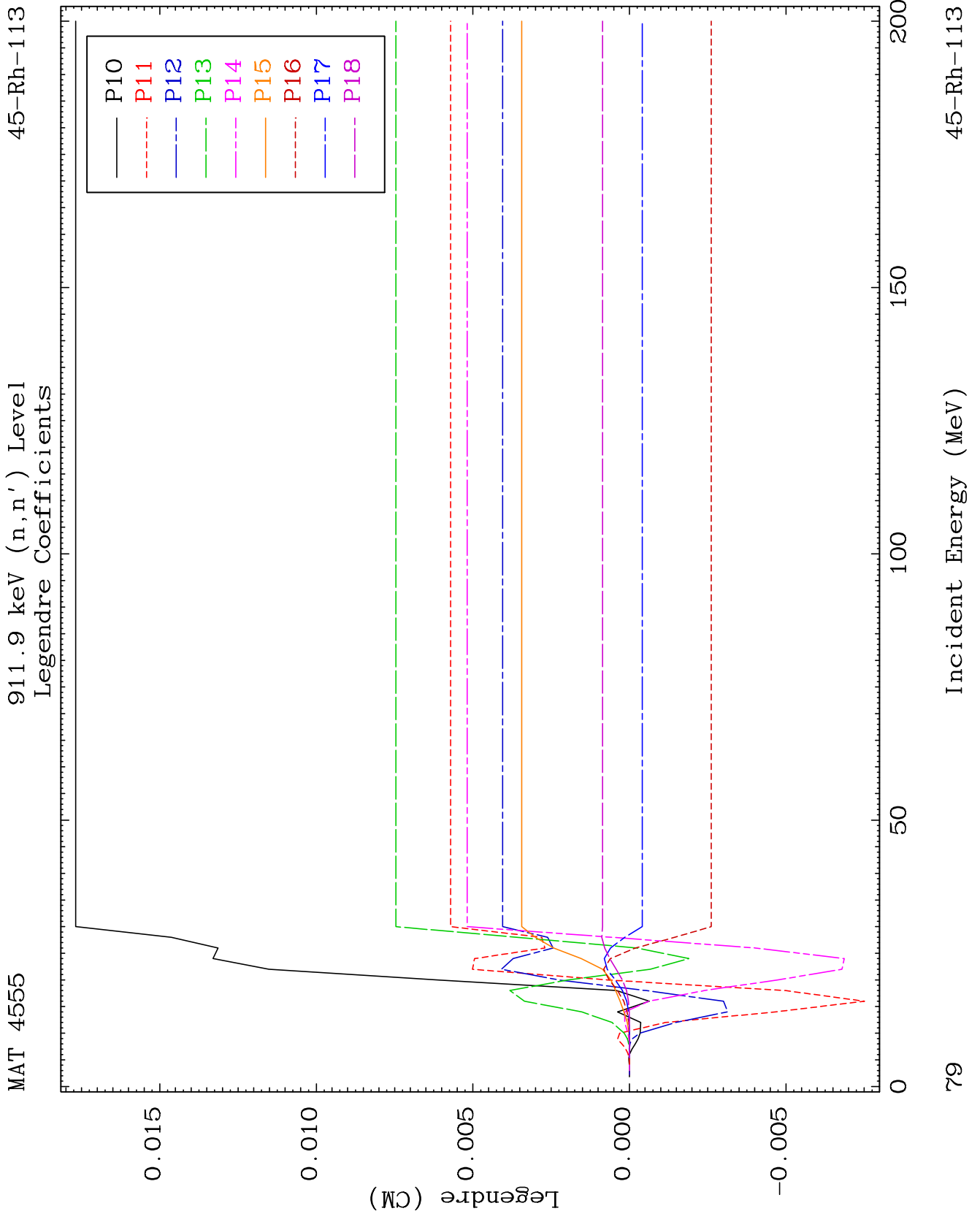
45-Rh-113



78

Incident Energy (MeV)

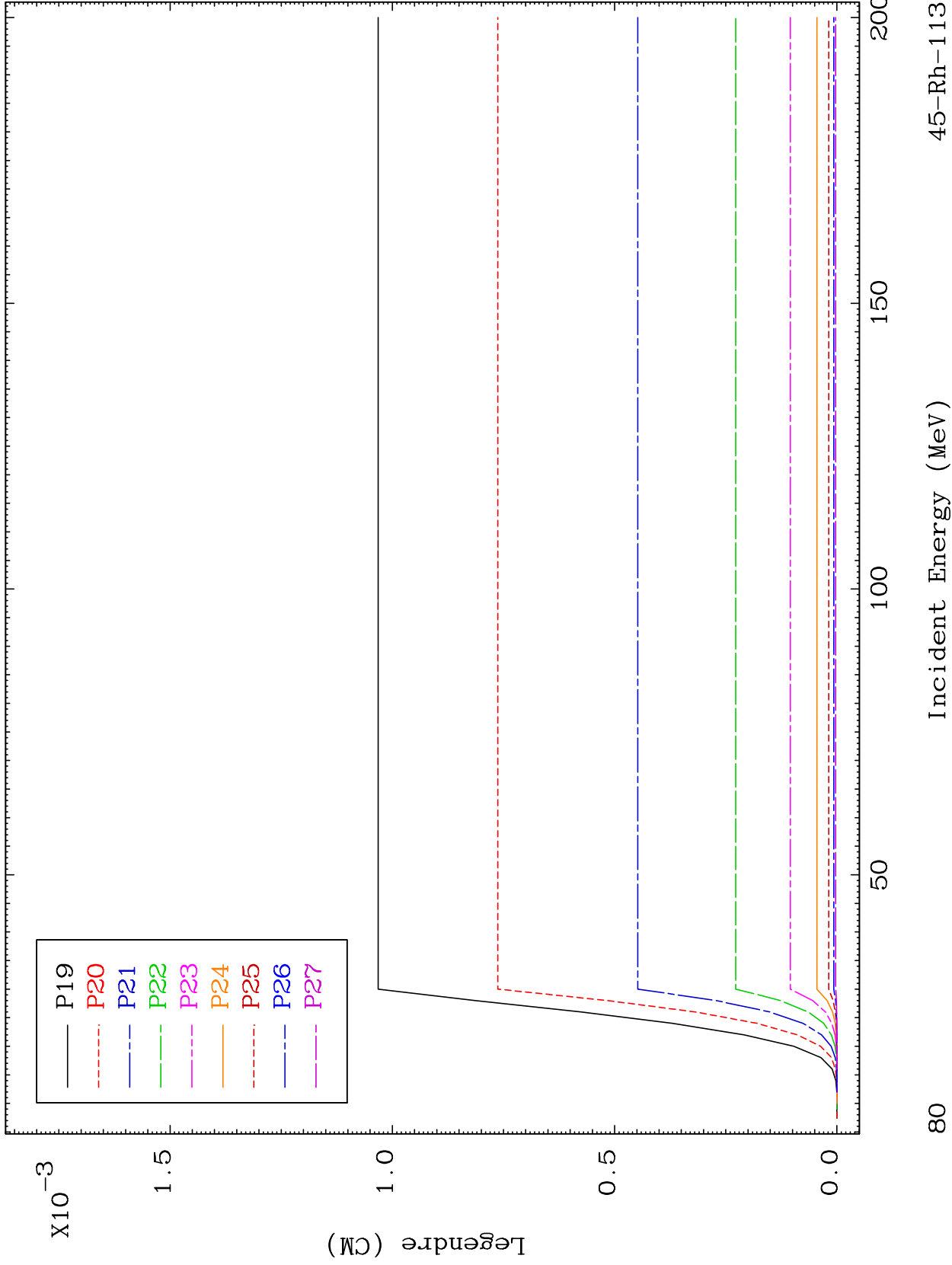
45-Rh-113



MAT 4555

911.9 keV (n,n') Level
Legendre Coefficients

45-Rh-113



45-Rh-113

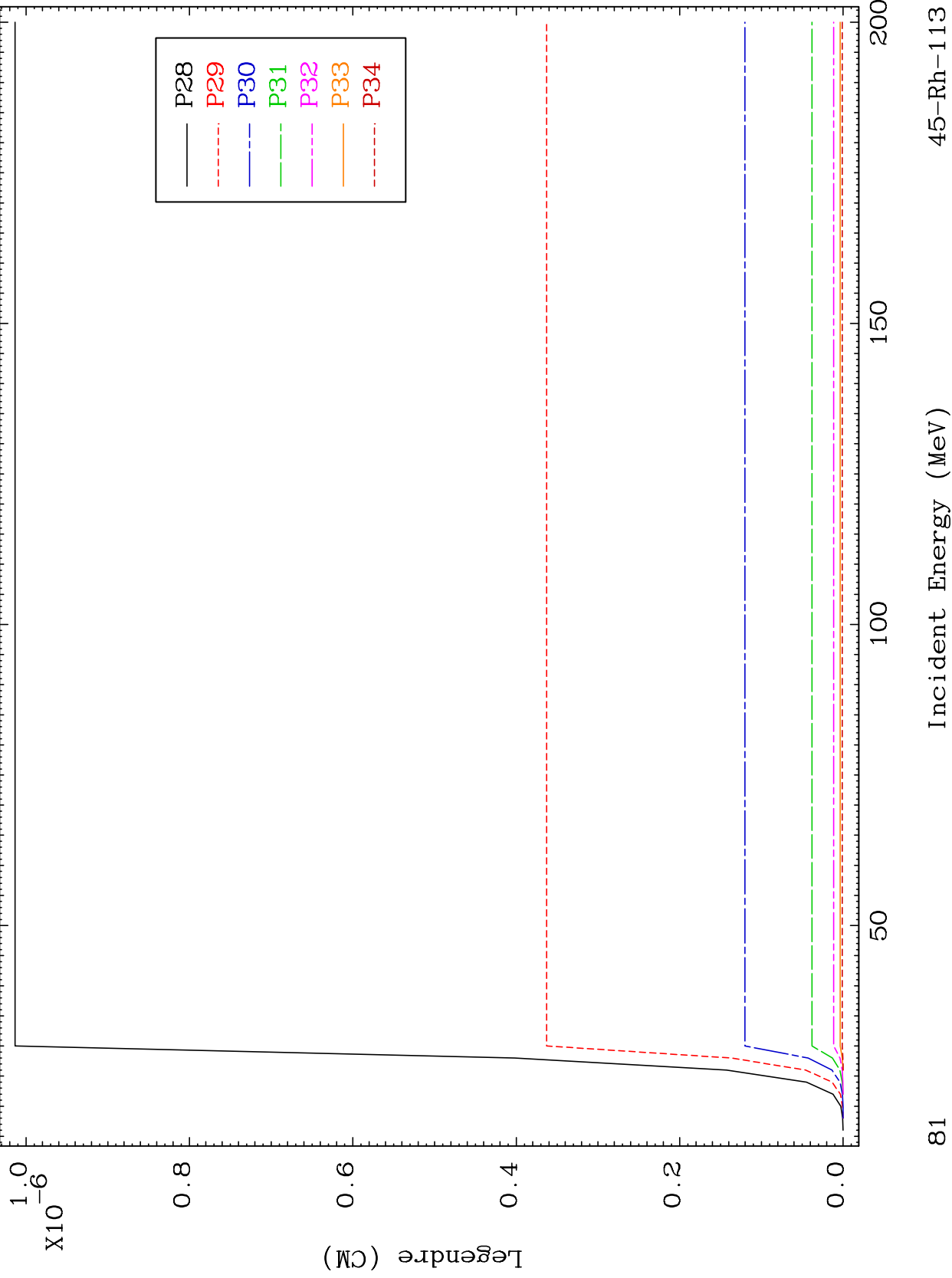
Incident Energy (MeV)

80

MAT 4555

911.9 keV (n, n') Level
Legendre Coefficients

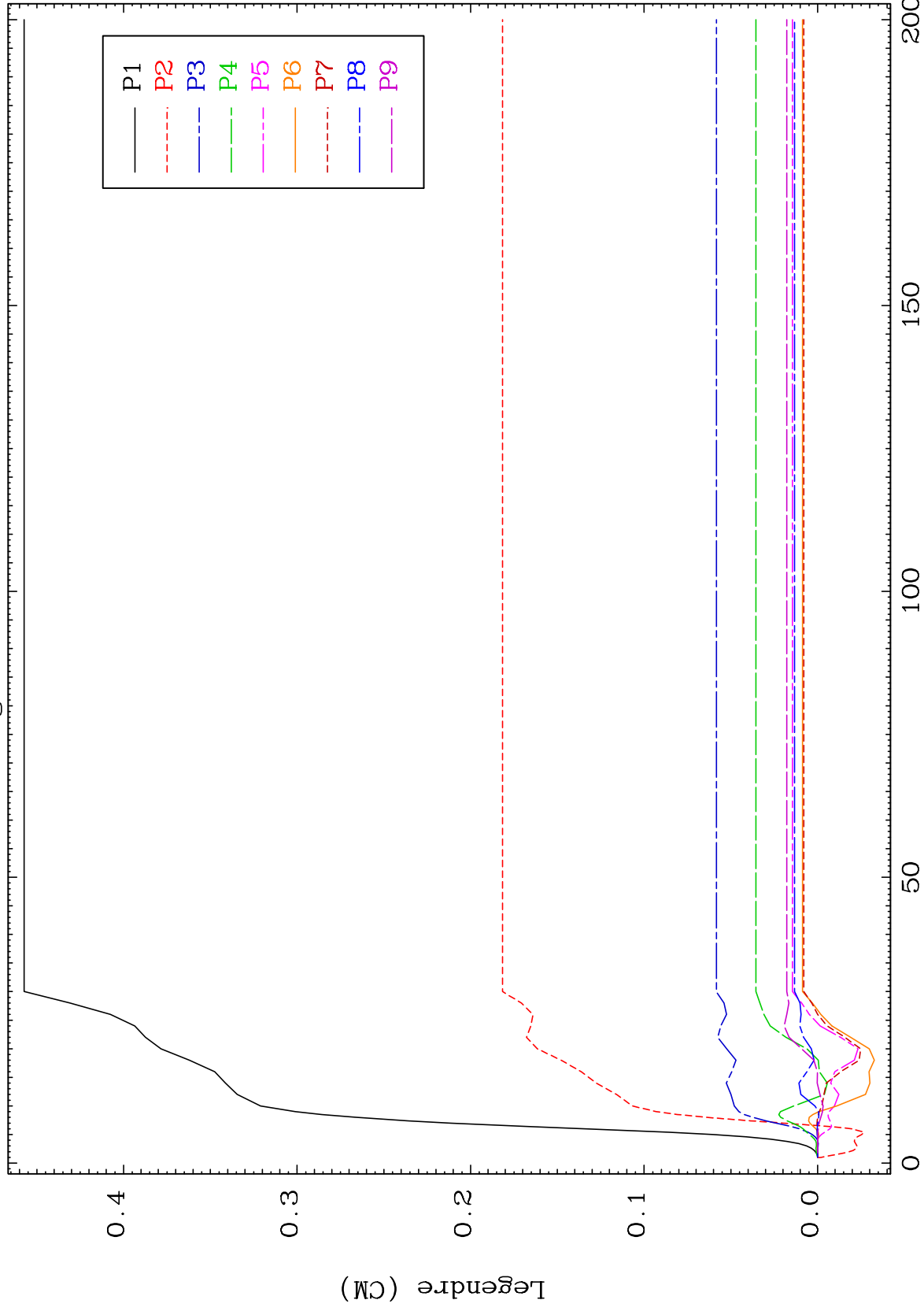
45-Rh-113



MAT 4555

936.3 keV (n,n') Level
Legendre Coefficients

45-Rh-113



82

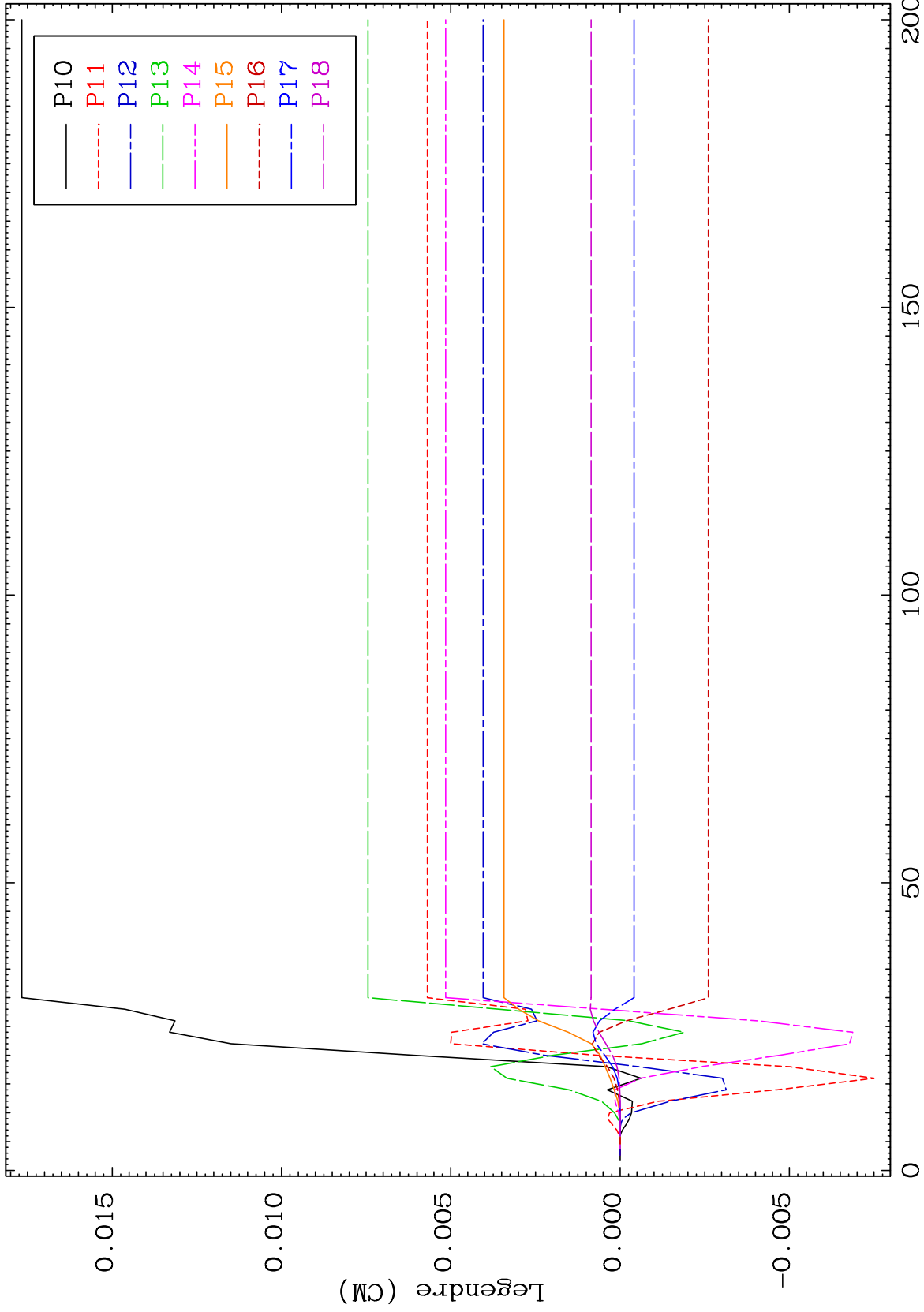
Incident Energy (MeV)

45-Rh-113

MAT 4555

936.3 keV (n,n') Level
Legendre Coefficients

45-Rh-113



83

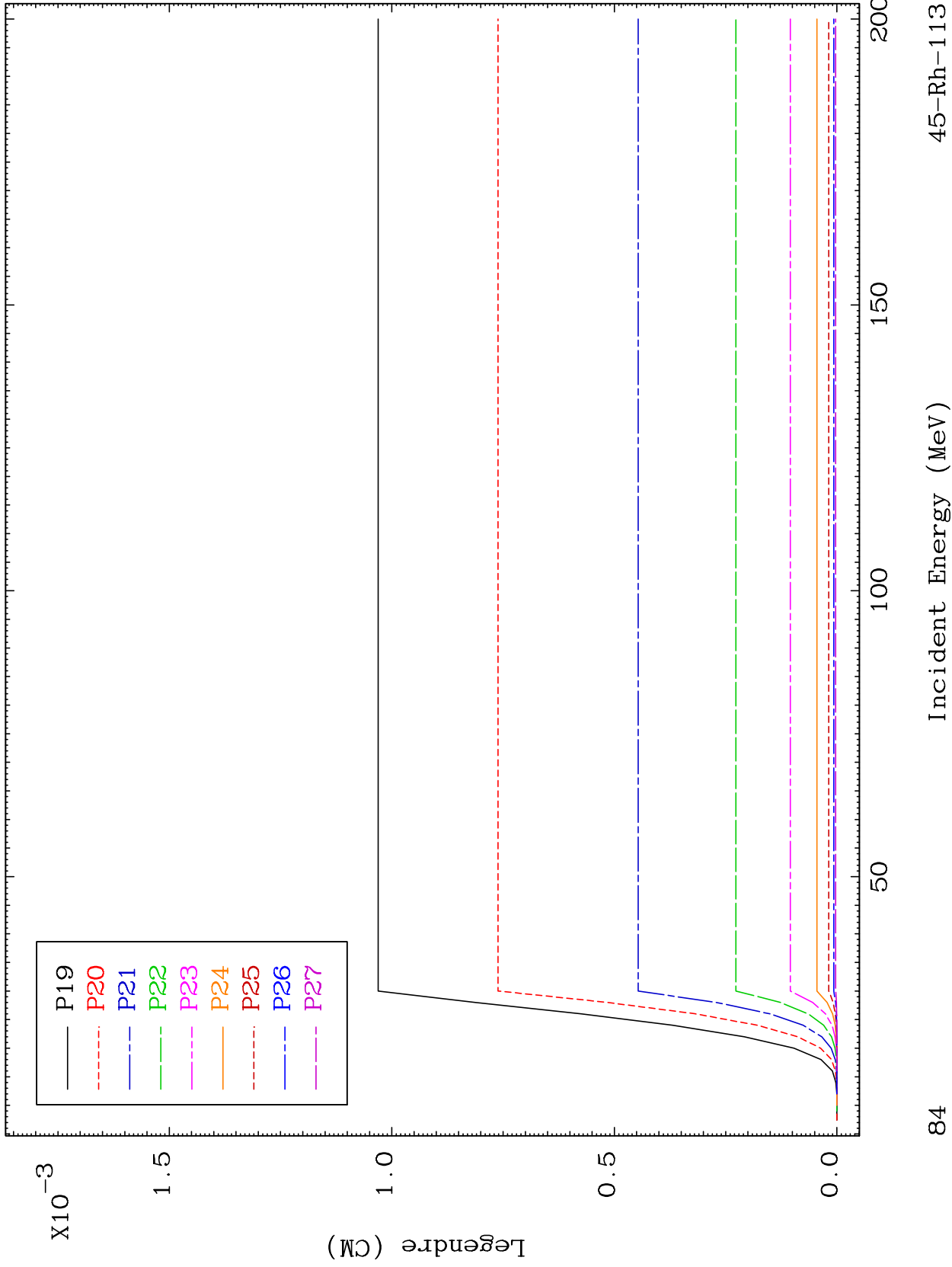
Incident Energy (MeV)

45-Rh-113

MAT 4555

936.3 keV (n,n') Level
Legendre Coefficients

45-Rh-113

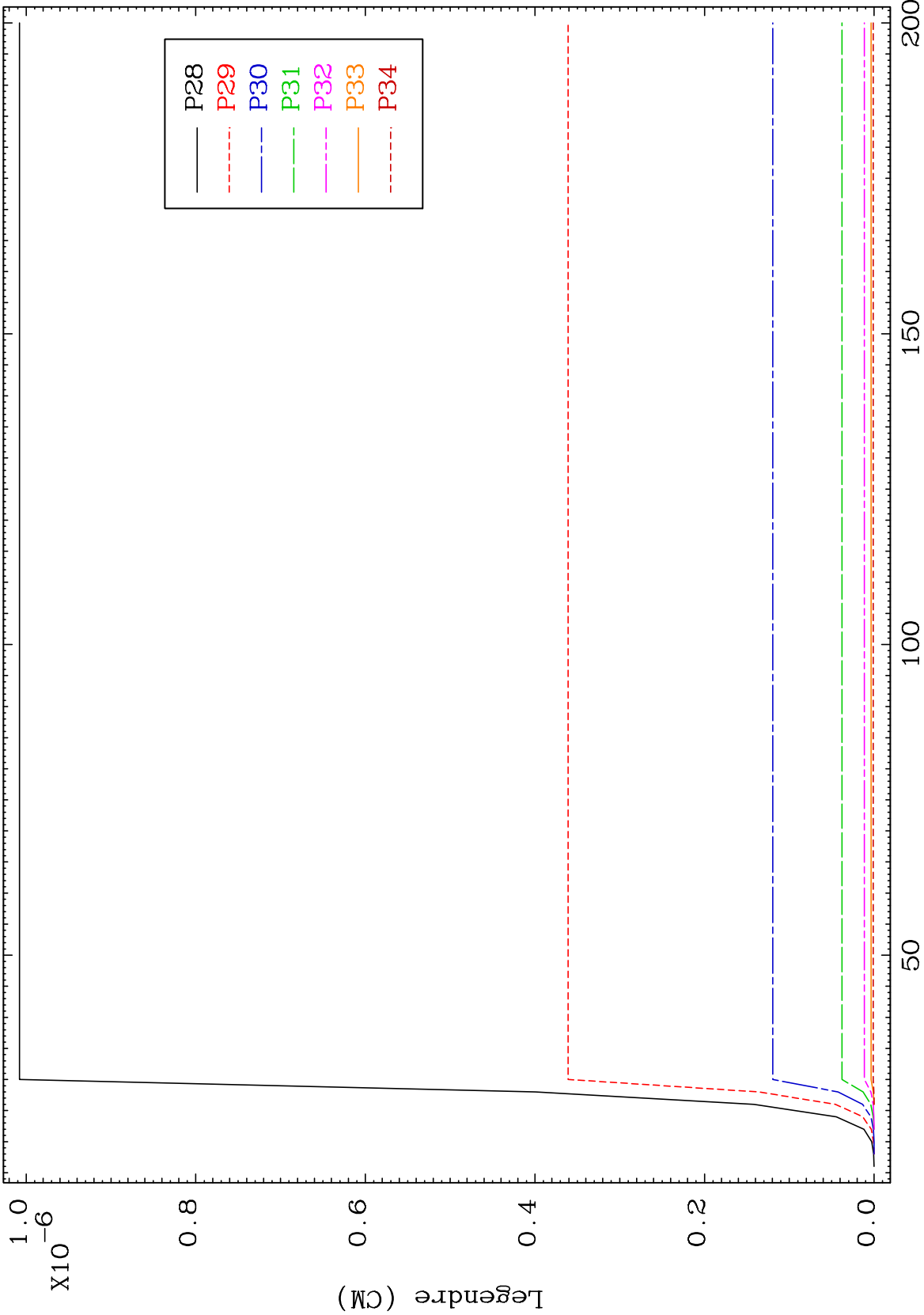


MAT 4555

936.3 keV (n, n') Level

45-Rh-113

Legendre Coefficients



45-Rh-113

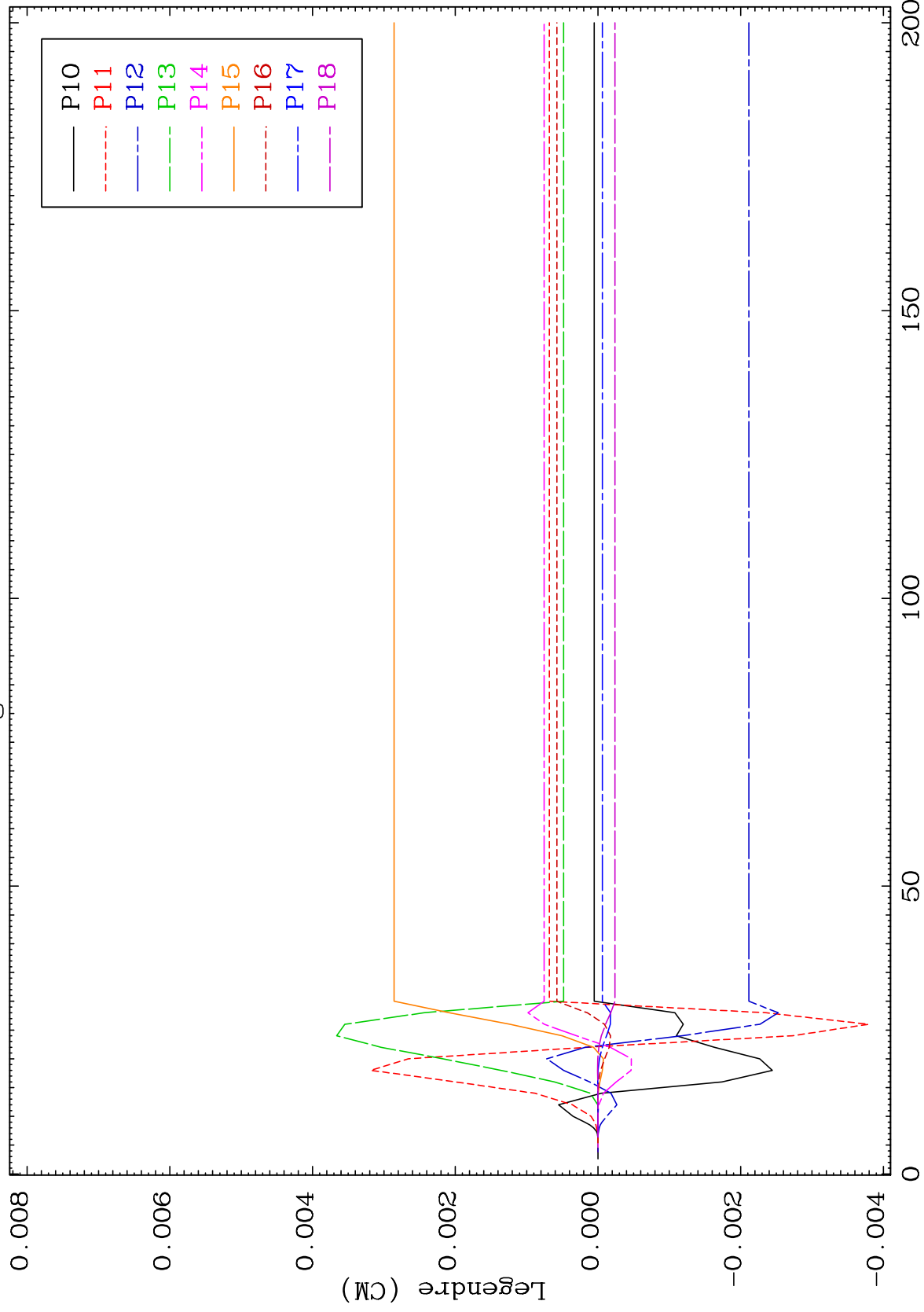
Incident Energy (MeV)

85

MAT 4555

967.9 keV (n,n') Level
Legendre Coefficients

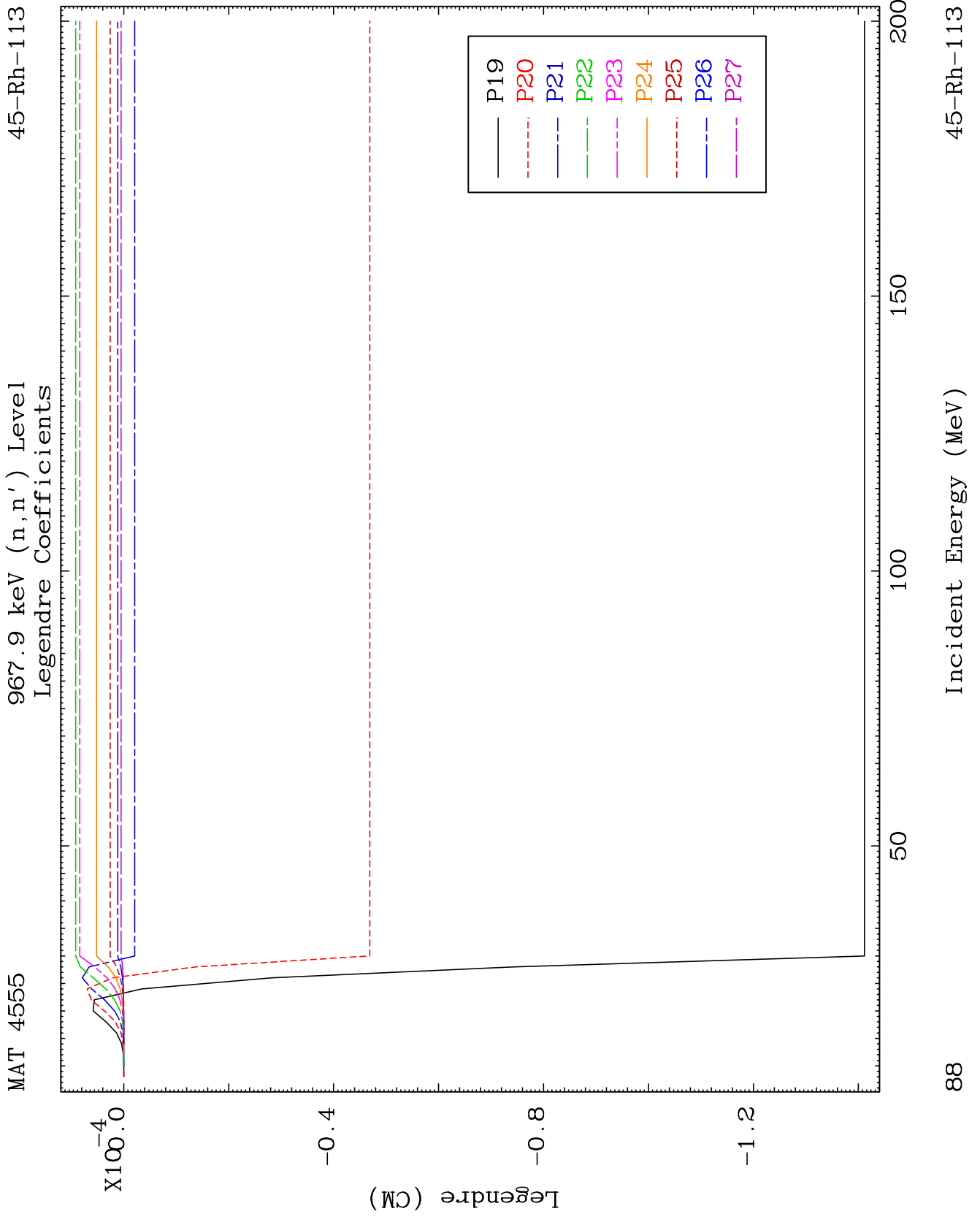
45-Rh-113



87

Incident Energy (MeV)

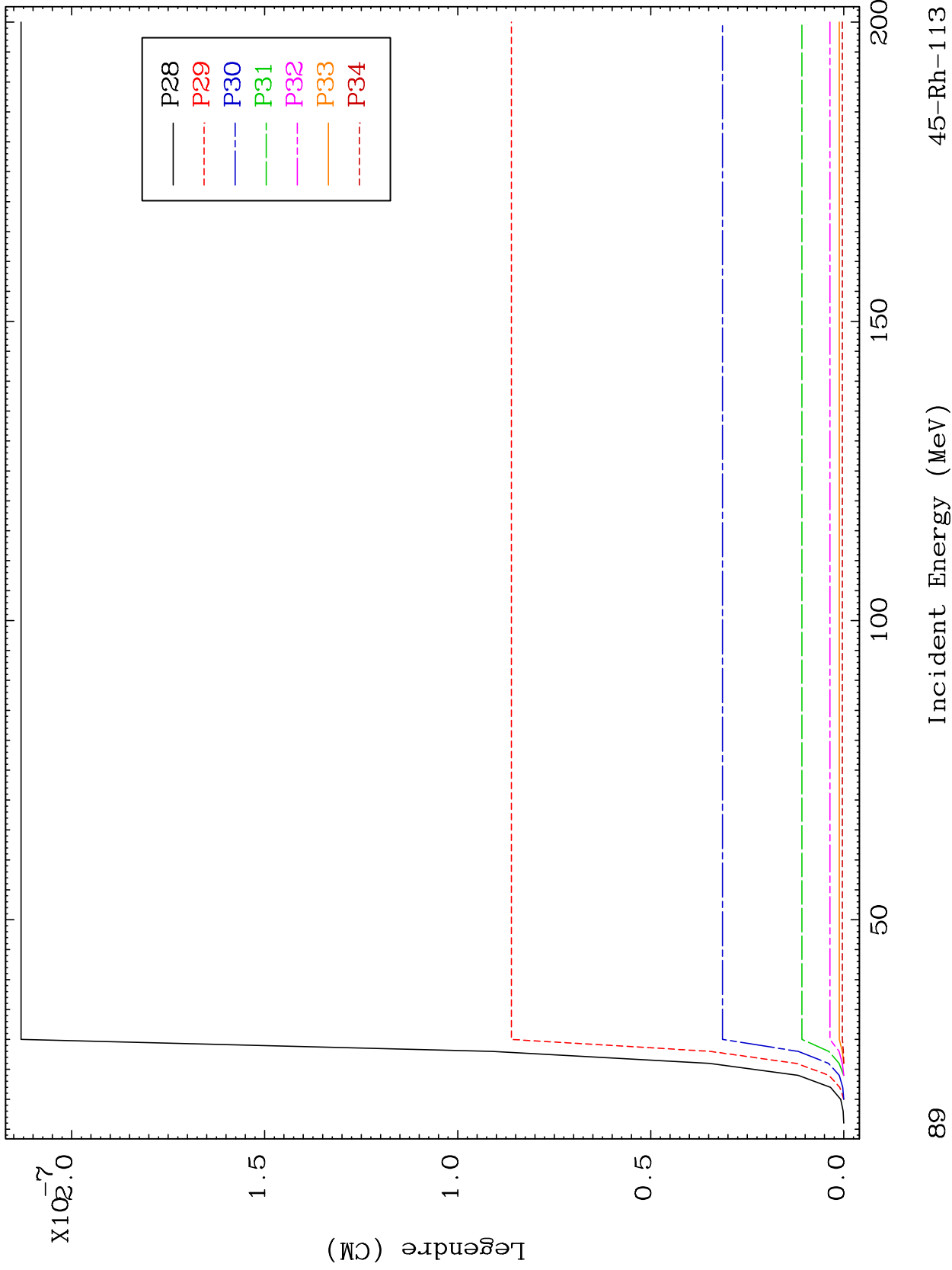
45-Rh-113



MAT 4555

967.9 keV (n,n') Level
Legendre Coefficients

45-Rh-113



89

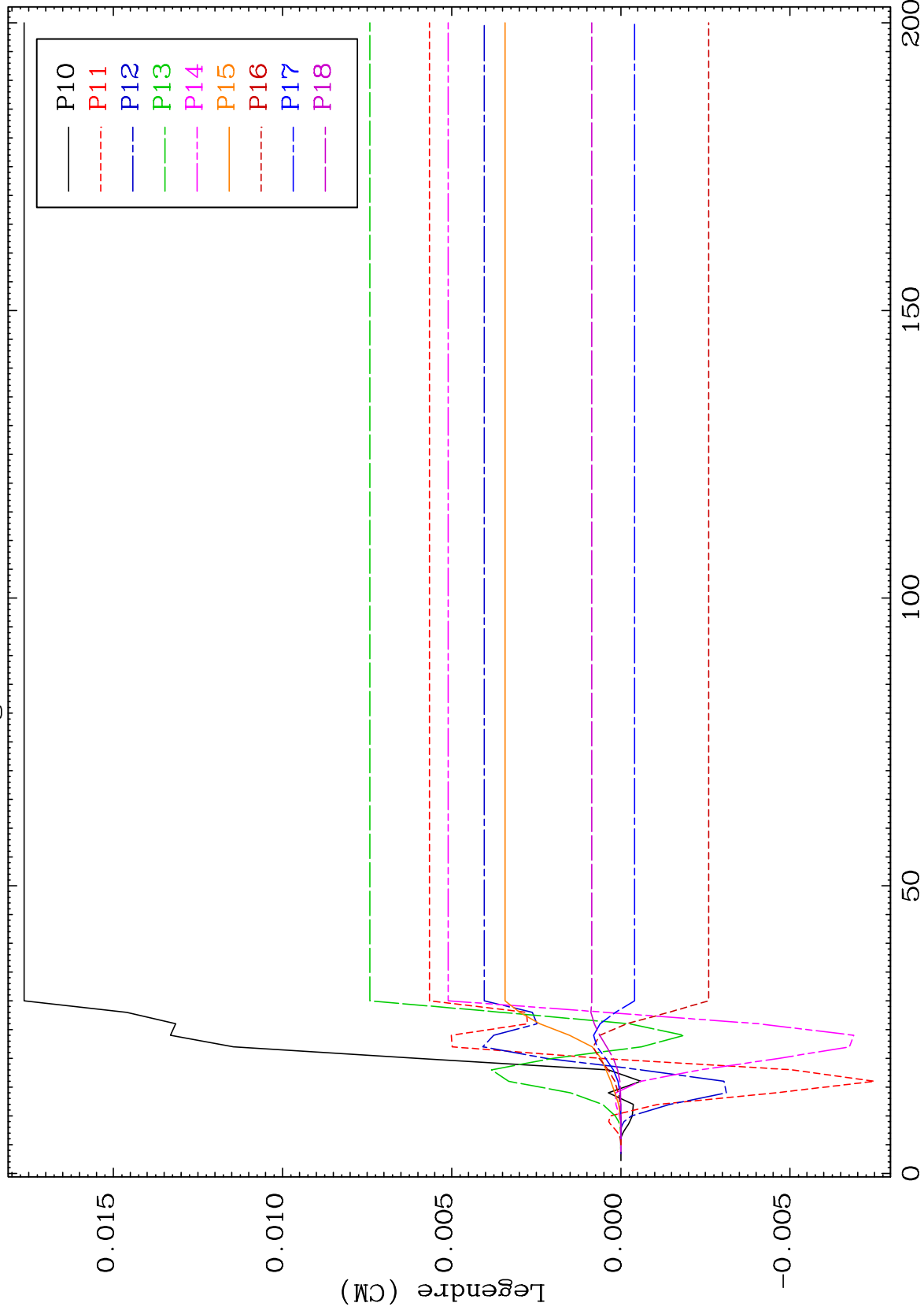
Incident Energy (MeV)

45-Rh-113

MAT 4555

978.0 keV (n,n') Level
Legendre Coefficients

45-Rh-113



91

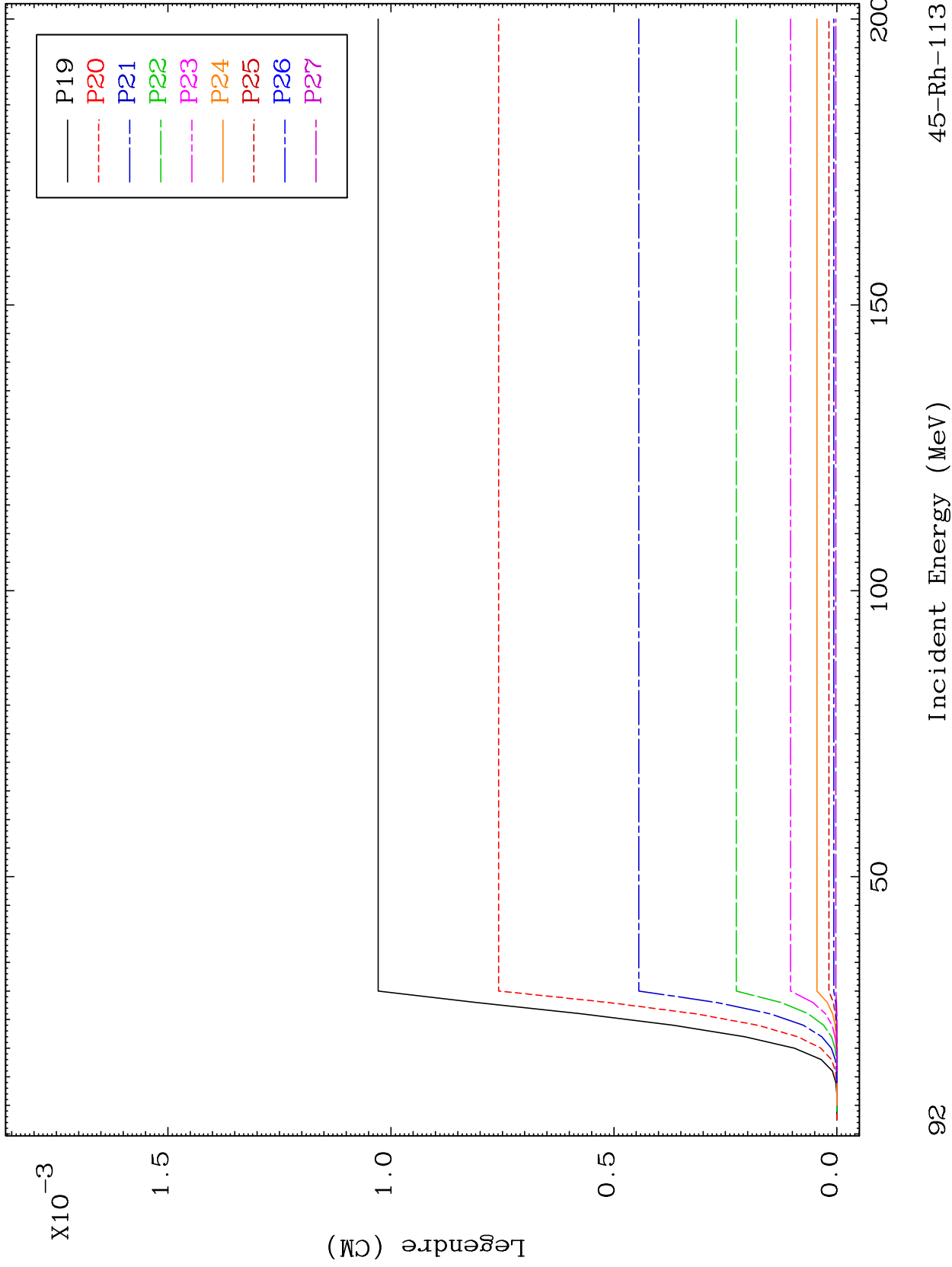
Incident Energy (MeV)

45-Rh-113

MAT 4555

978.0 keV (n,n') Level
Legendre Coefficients

45-Rh-113



92

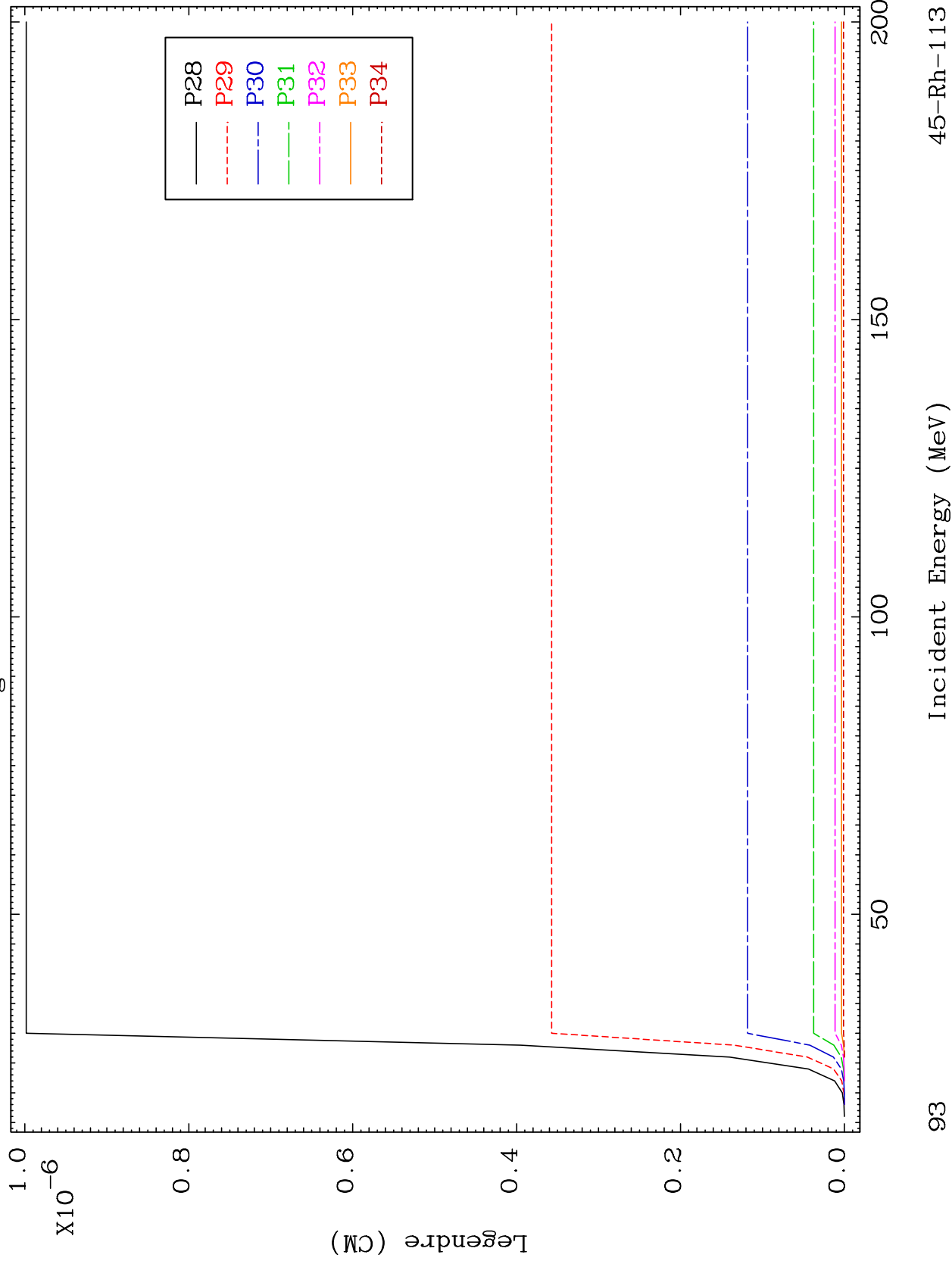
Incident Energy (MeV)

45-Rh-113

MAT 4555

978.0 keV (n,n') Level
Legendre Coefficients

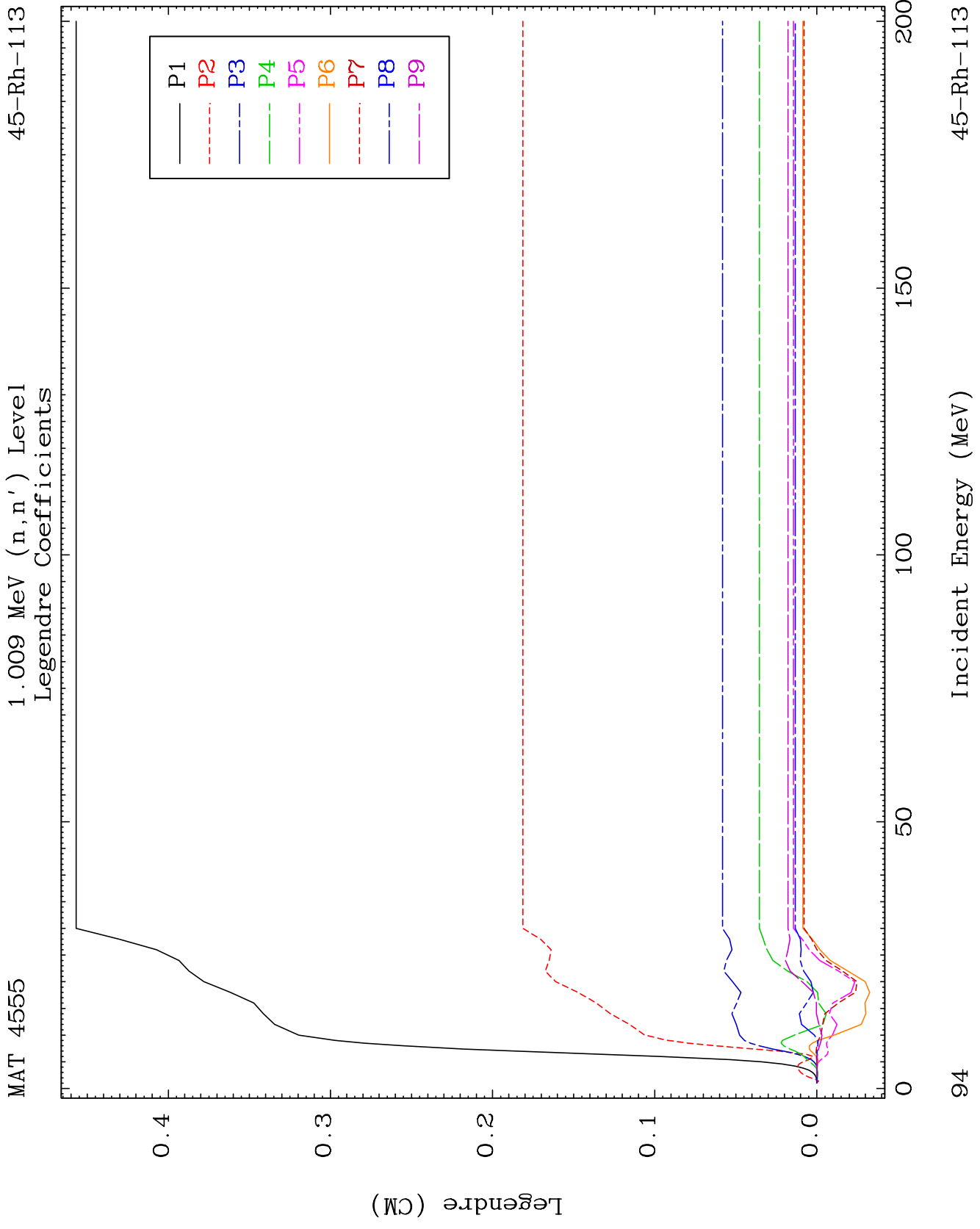
45-Rh-113

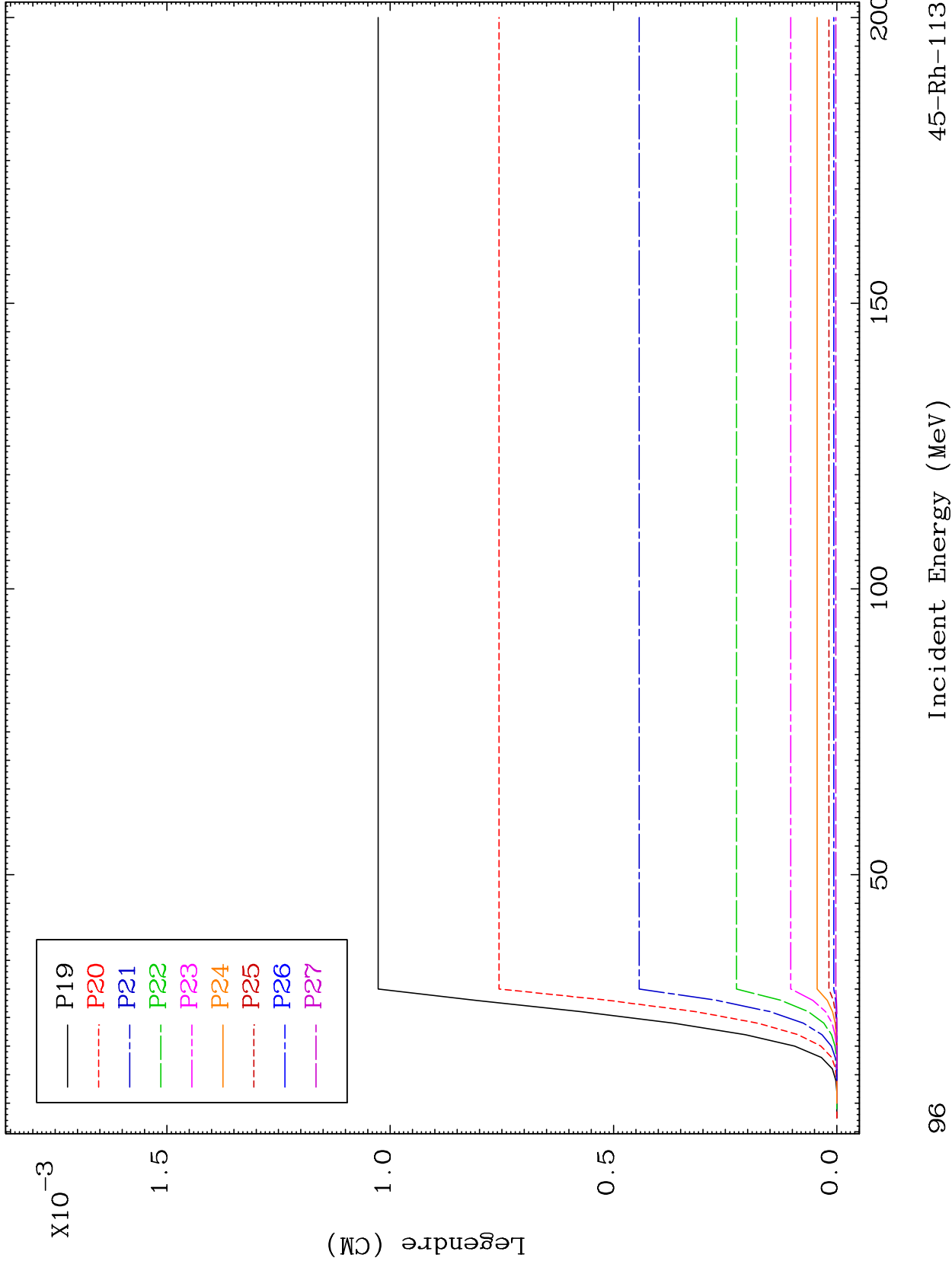


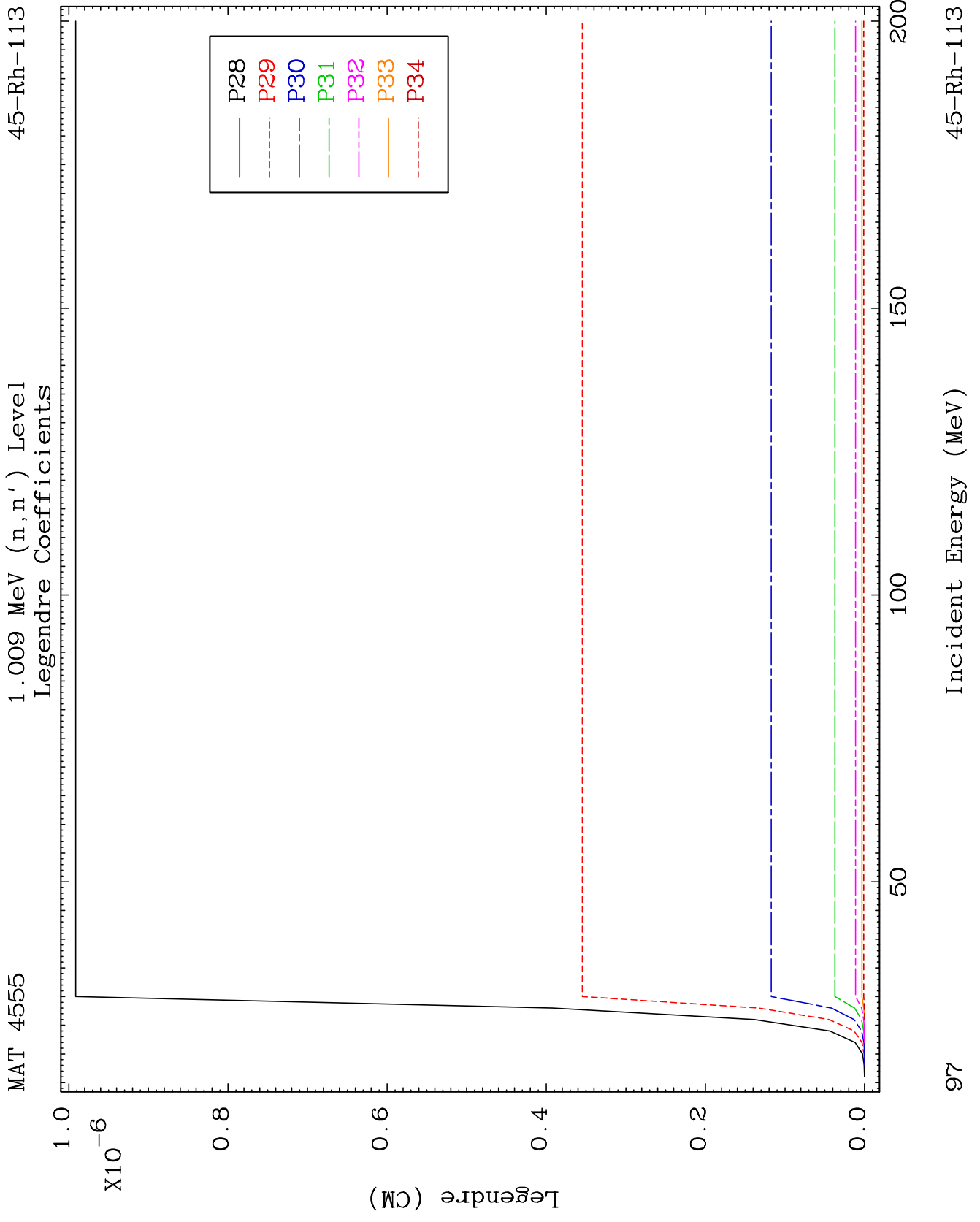
93

Incident Energy (MeV)

45-Rh-113



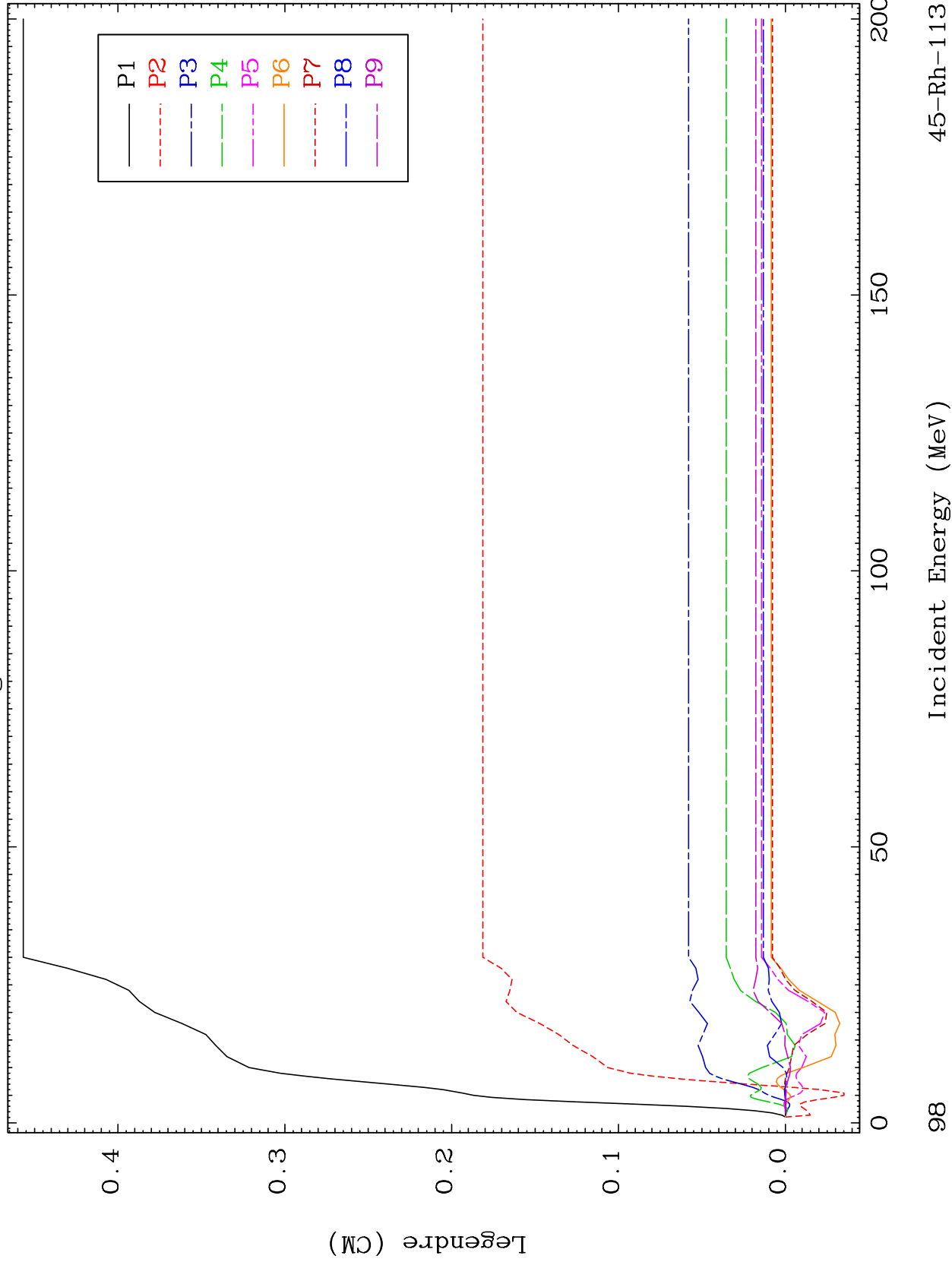




MAT 4555

1.034 MeV (n,n') Level
Legendre Coefficients

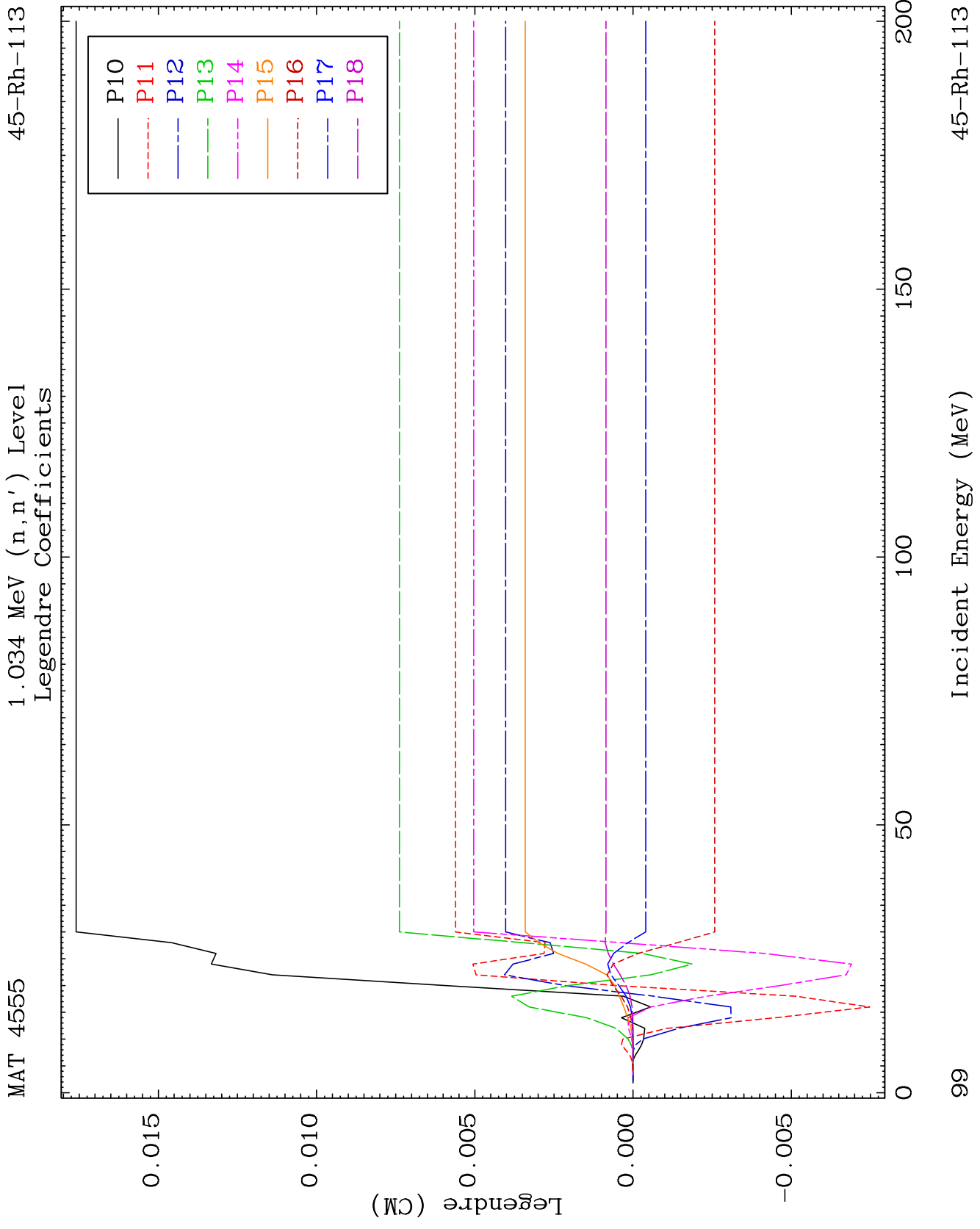
45-Rh-113



45-Rh-113

Incident Energy (MeV)

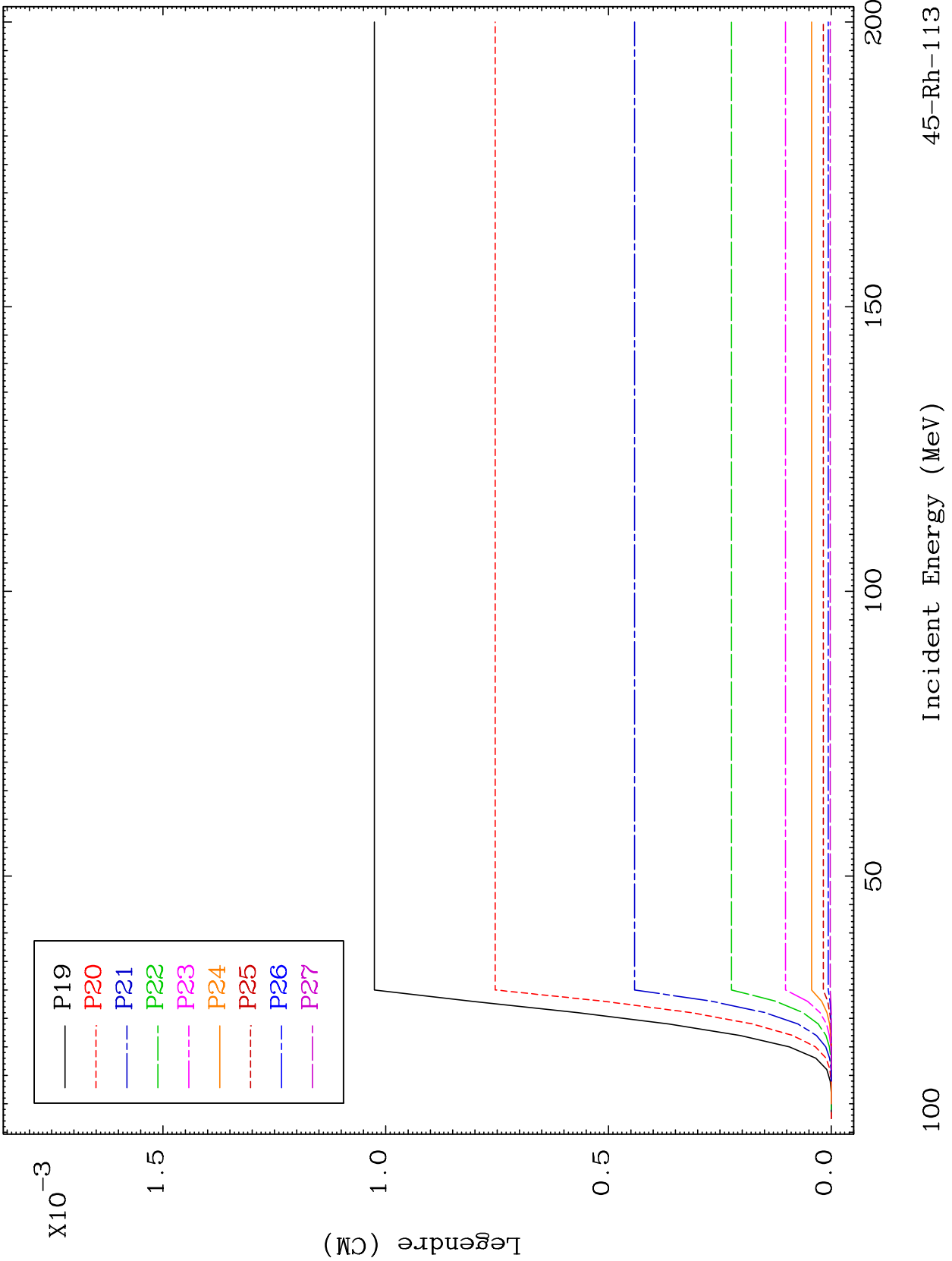
98



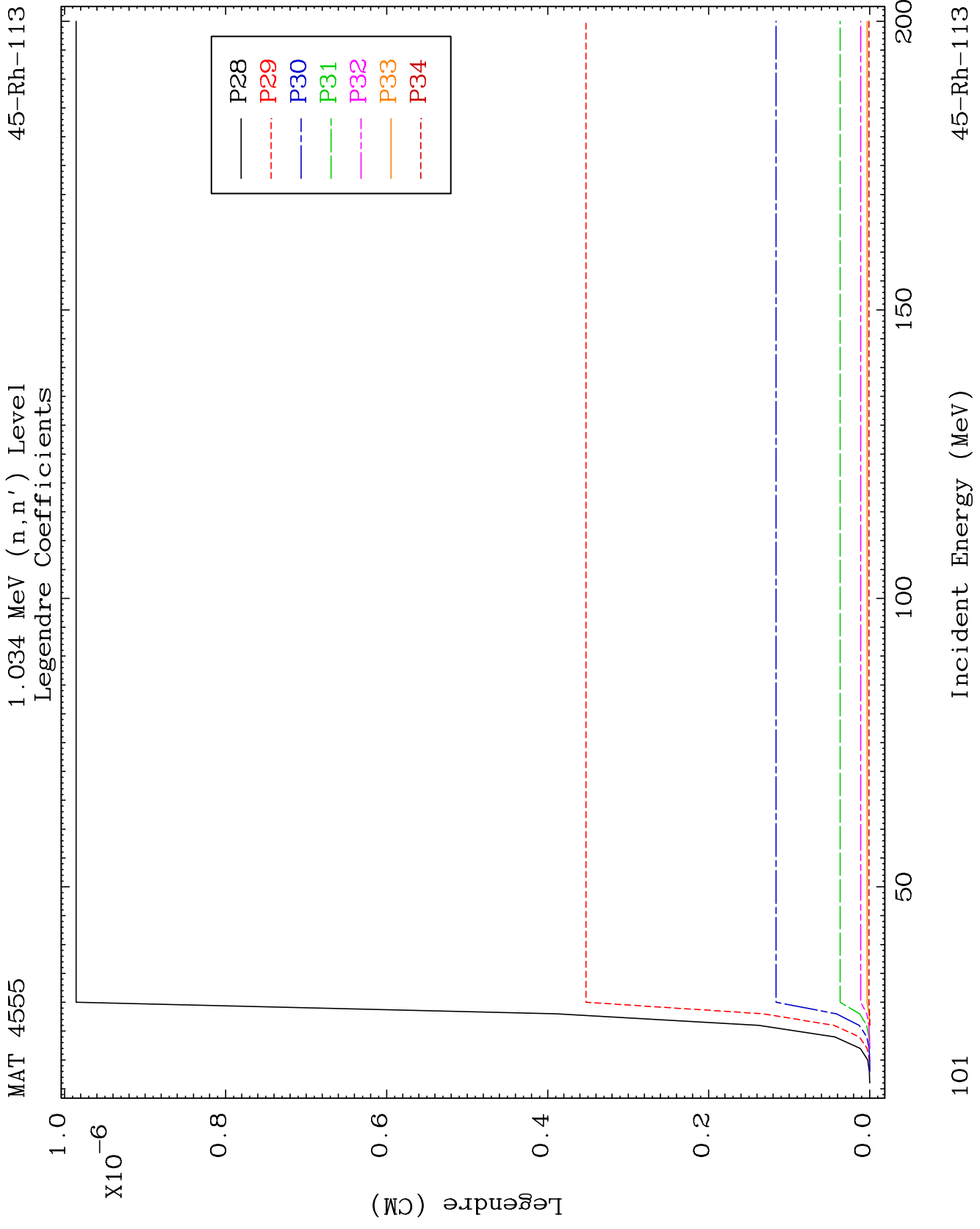
MAT 4555

1.034 MeV (n,n') Level
Legendre Coefficients

45-Rh-113



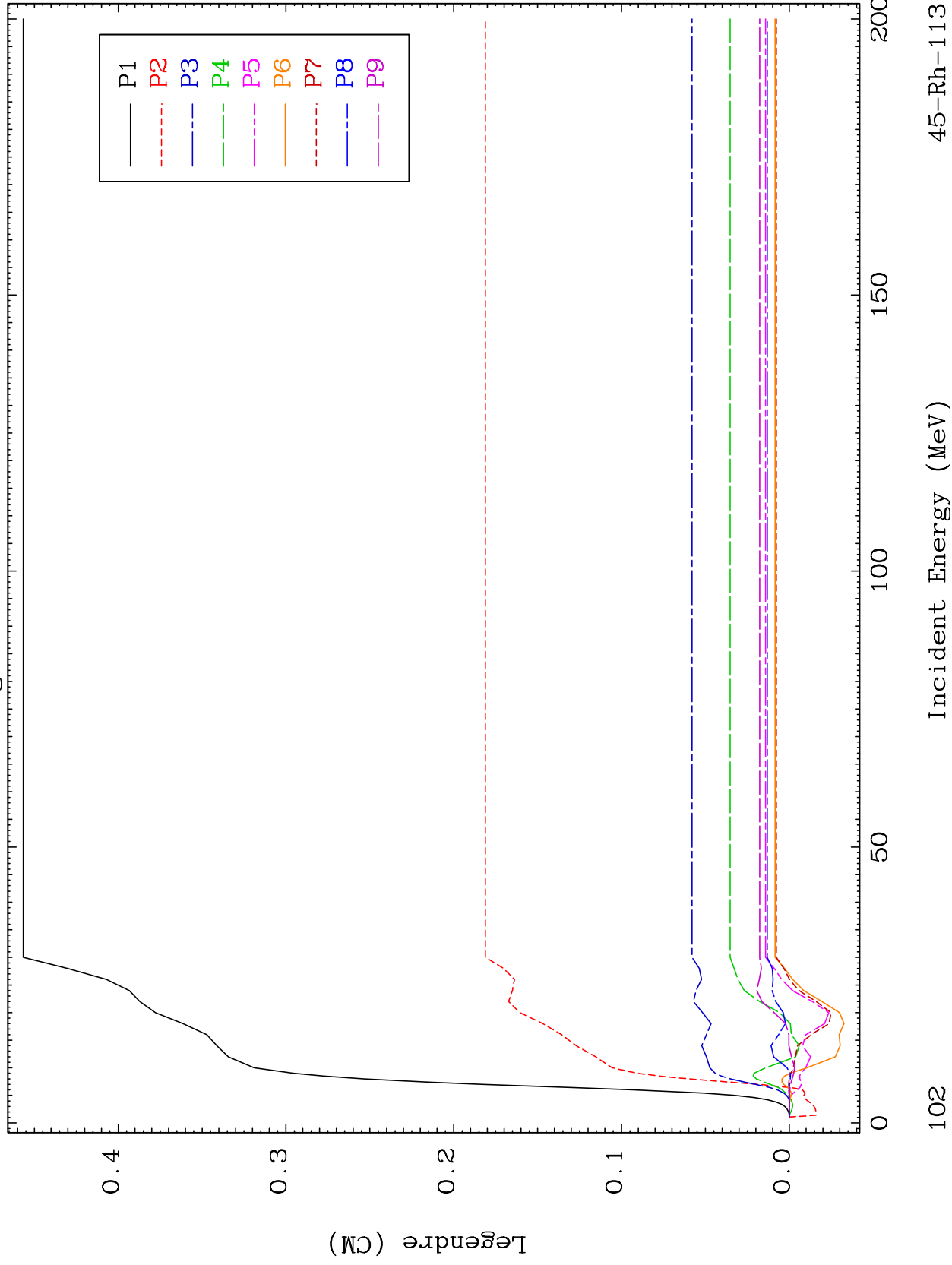
45-Rh-113



MAT 4555

1.061 MeV (n,n') Level
Legendre Coefficients

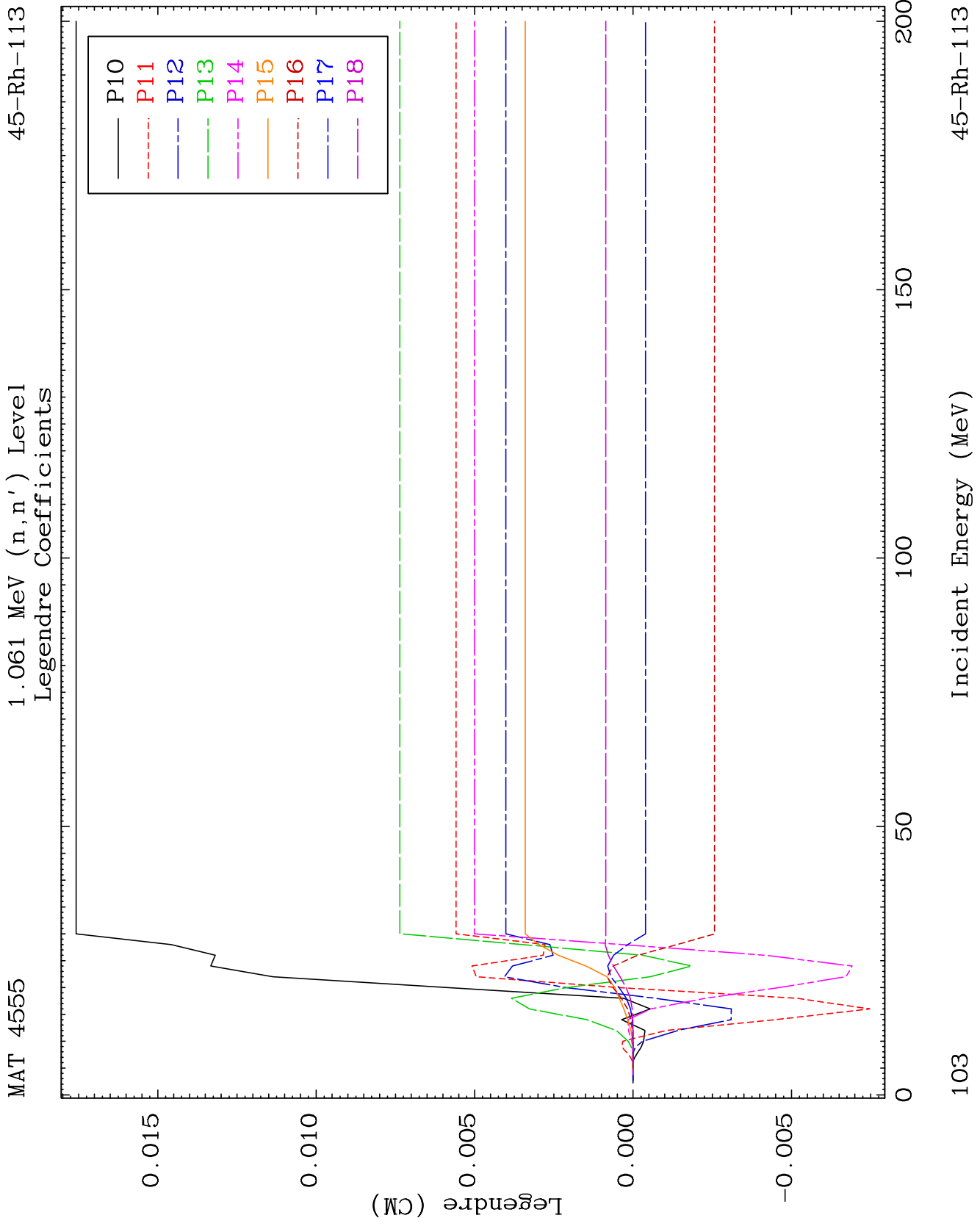
45-Rh-113



45-Rh-113

Incident Energy (MeV)

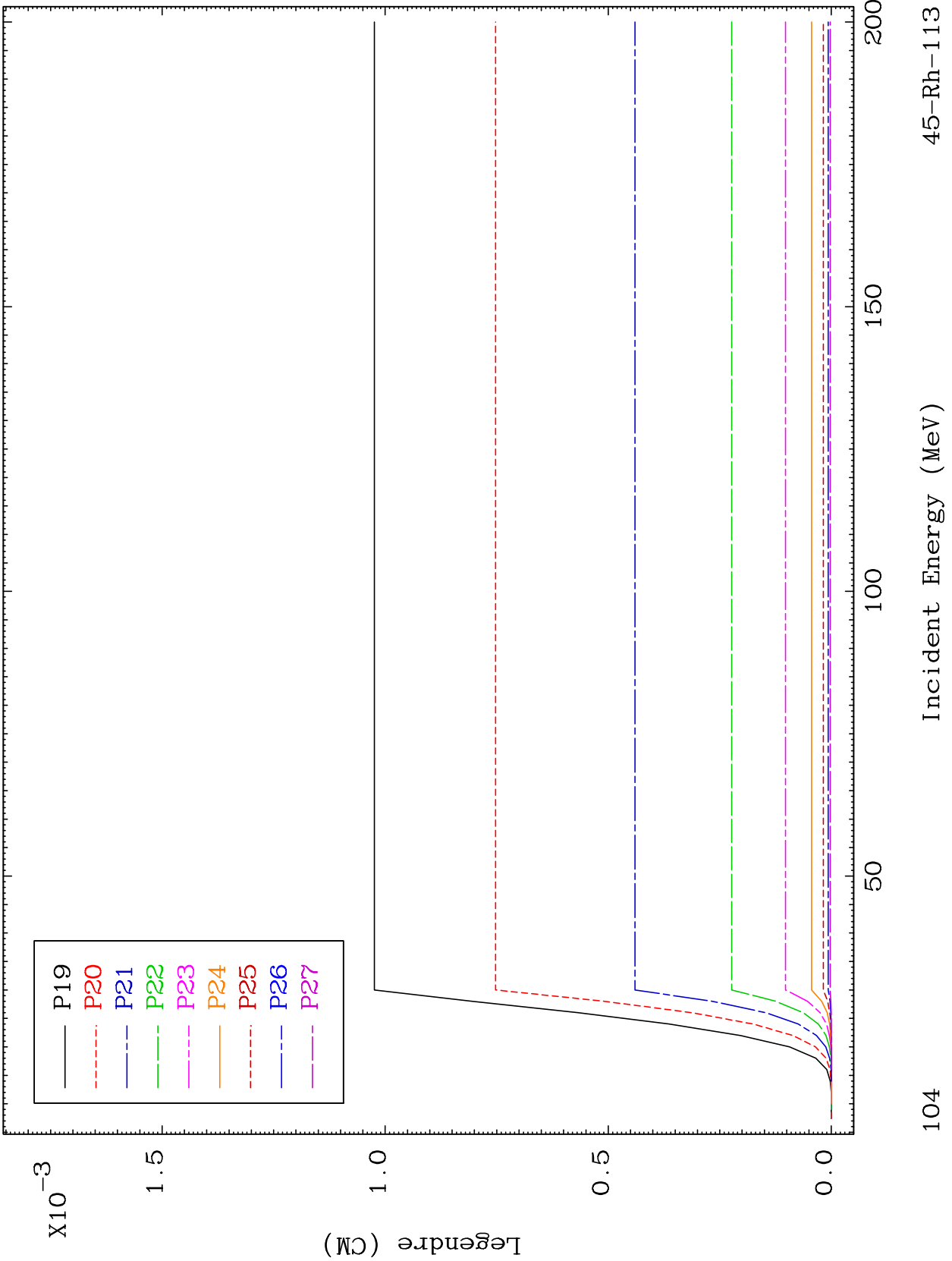
102



MAT 4555

1.061 MeV (n,n') Level
Legendre Coefficients

45-Rh-113



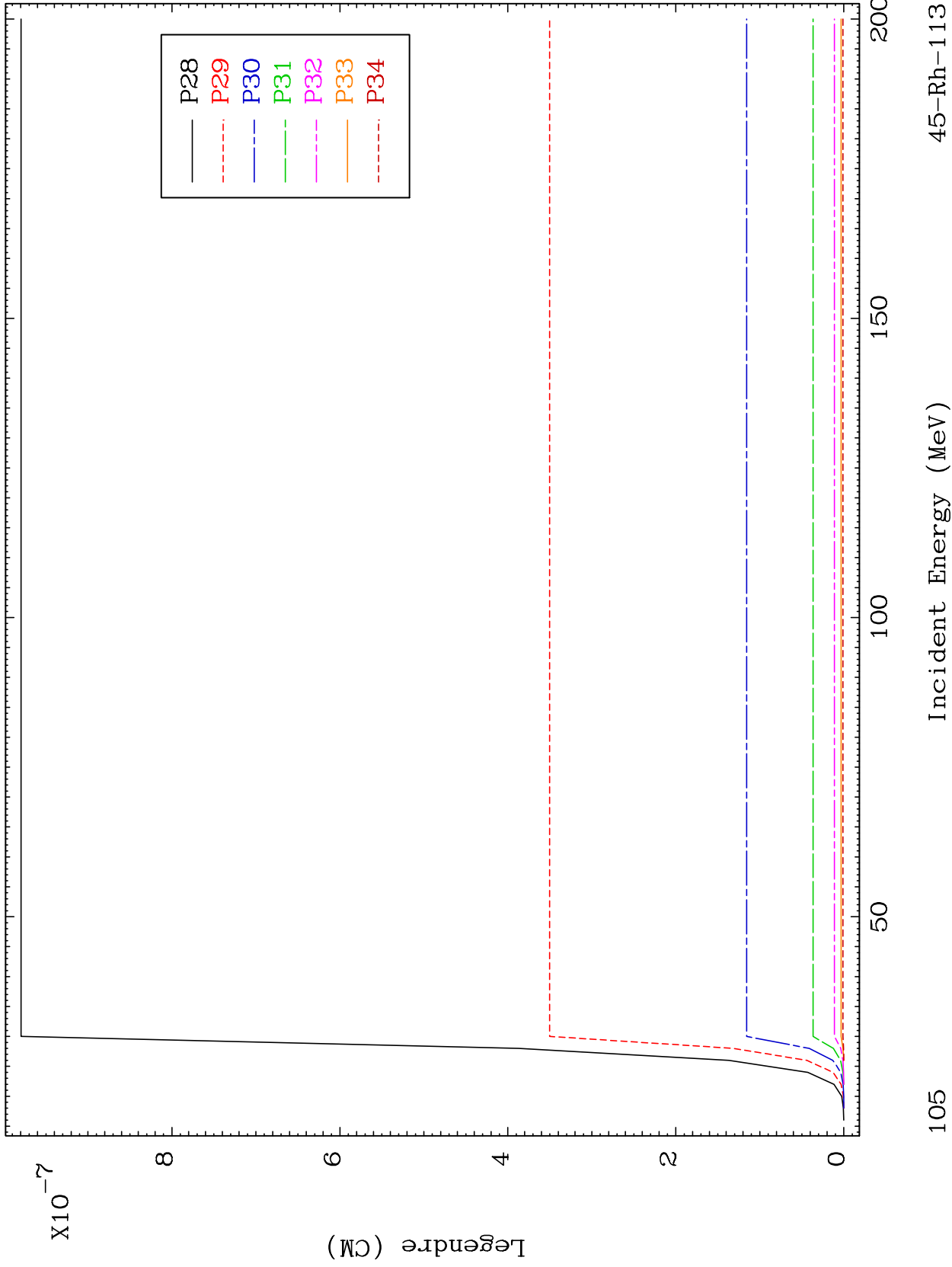
104

45-Rh-113

MAT 4555

1.061 MeV (n, n') Level
Legendre Coefficients

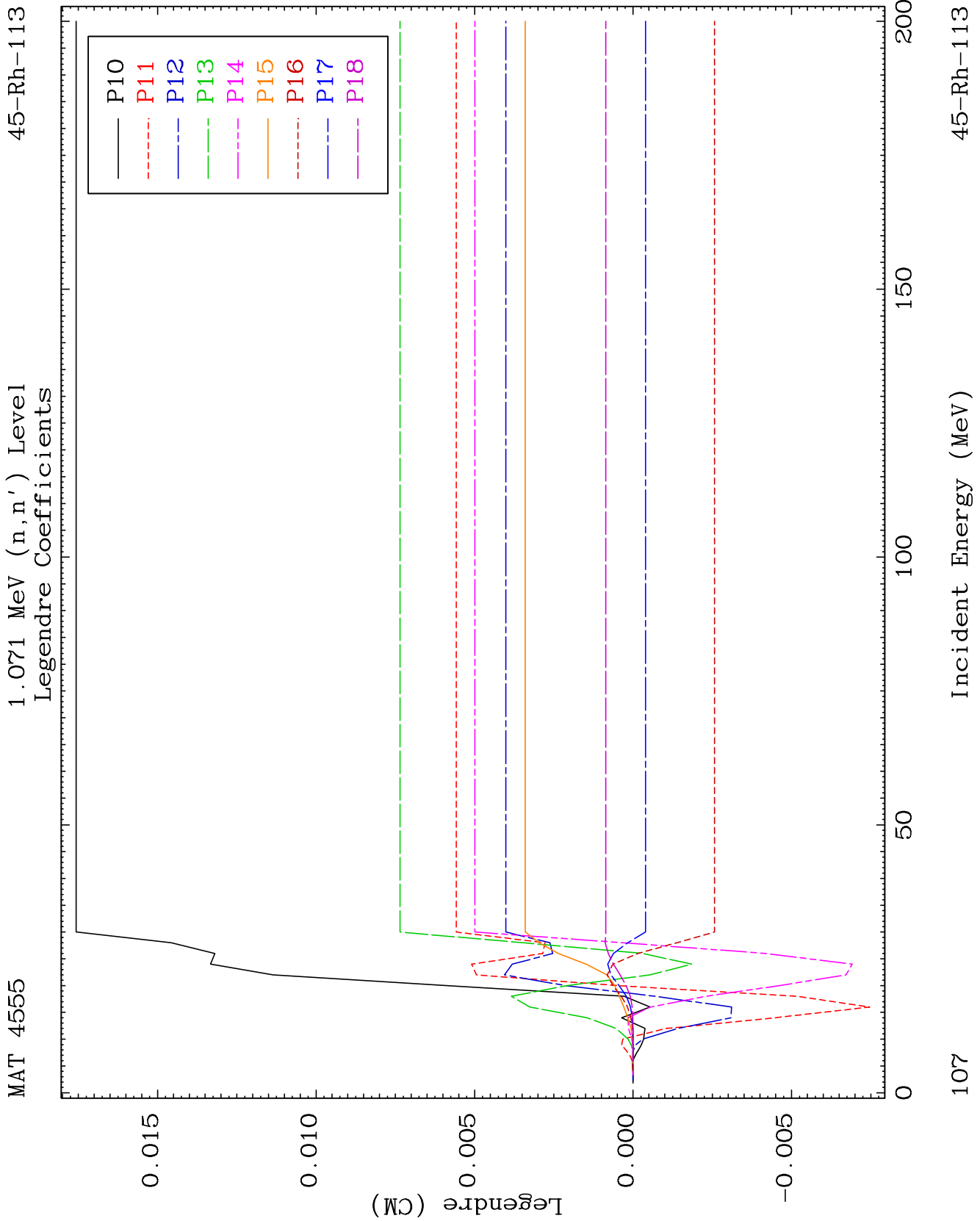
45-Rh-113



45-Rh-113

Incident Energy (MeV)

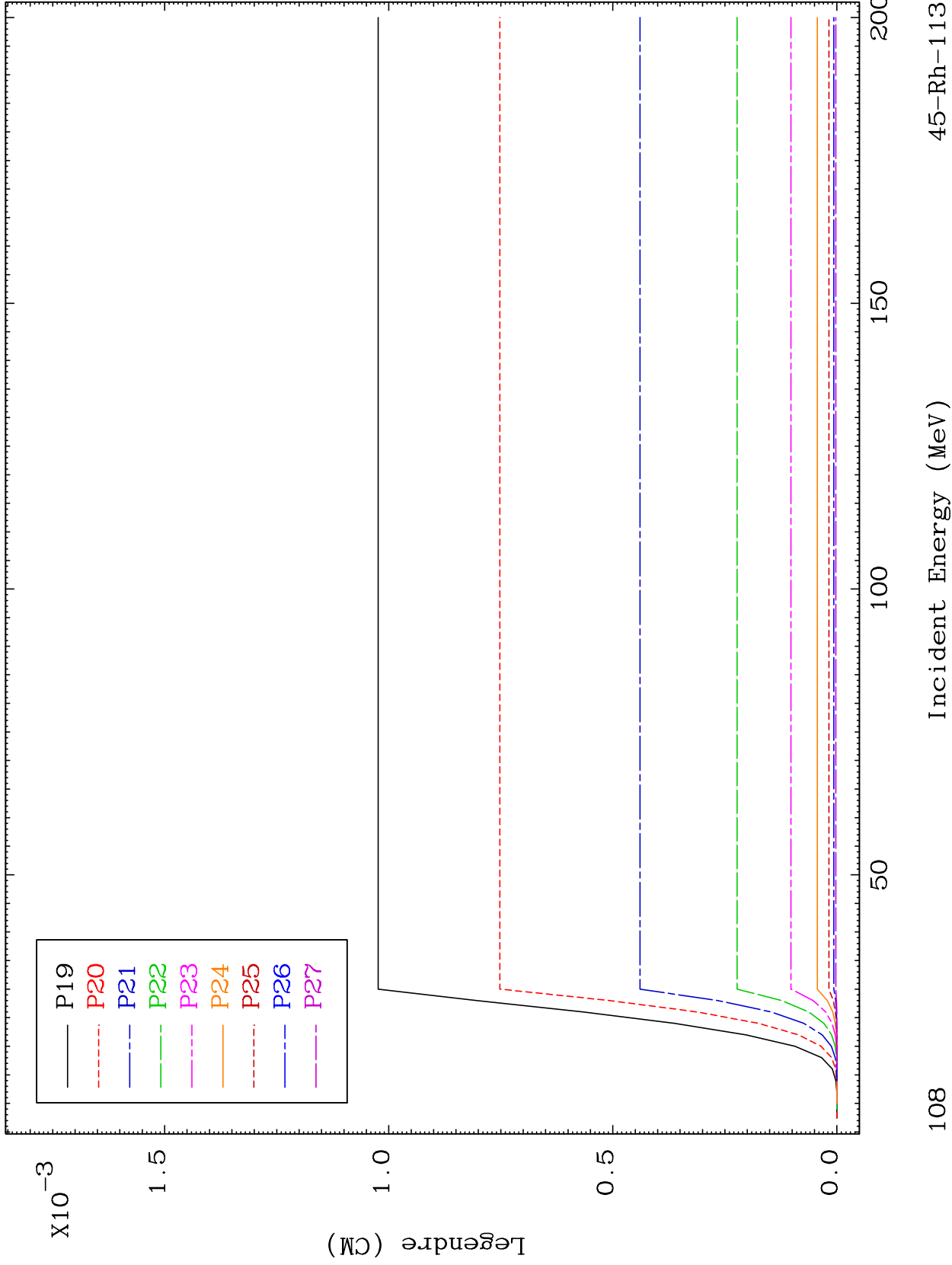
105



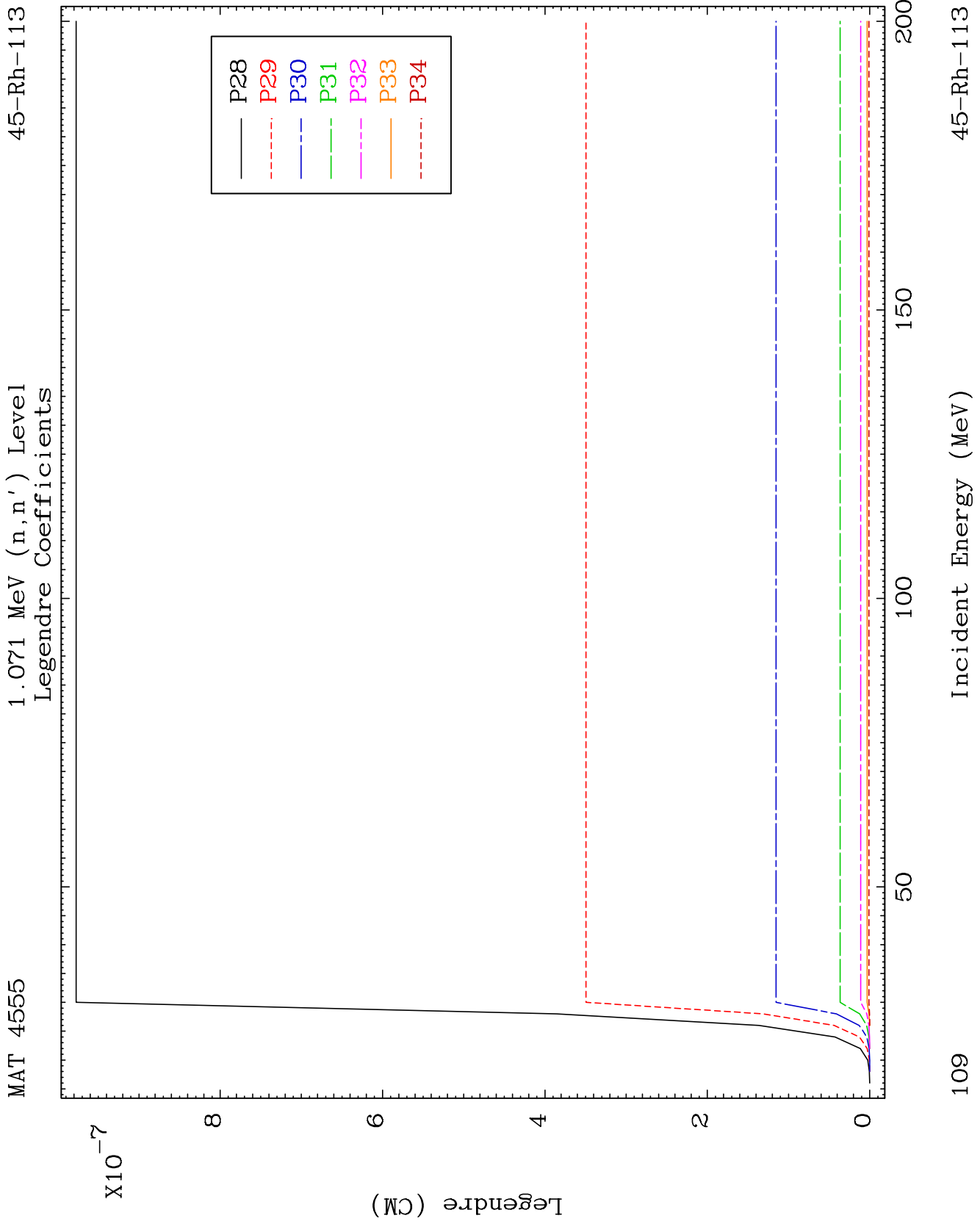
MAT 4555

1.071 MeV (n,n') Level
Legendre Coefficients

45-Rh-113



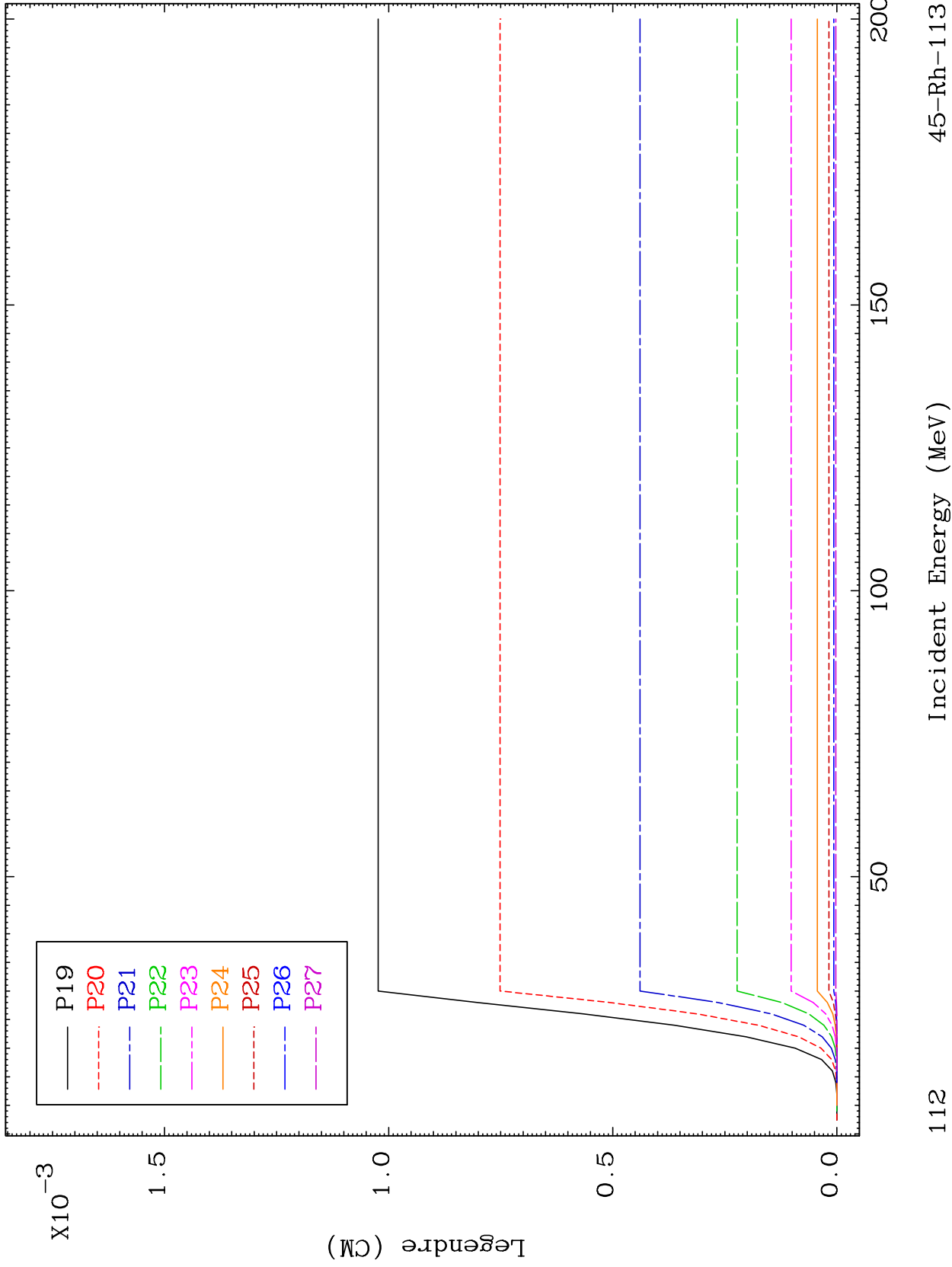
108



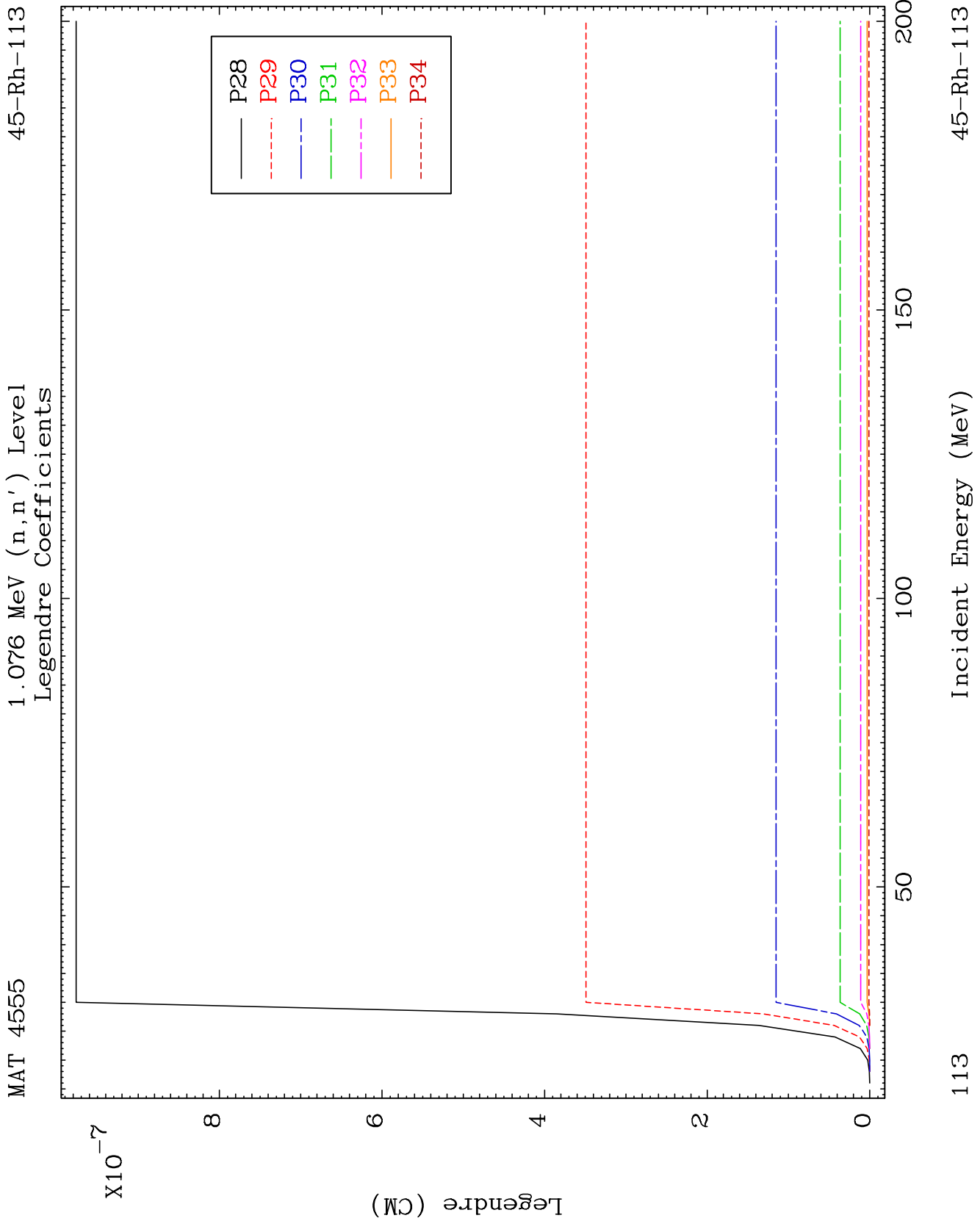
MAT 4555

1.076 MeV (n,n') Level
Legendre Coefficients

45-Rh-113



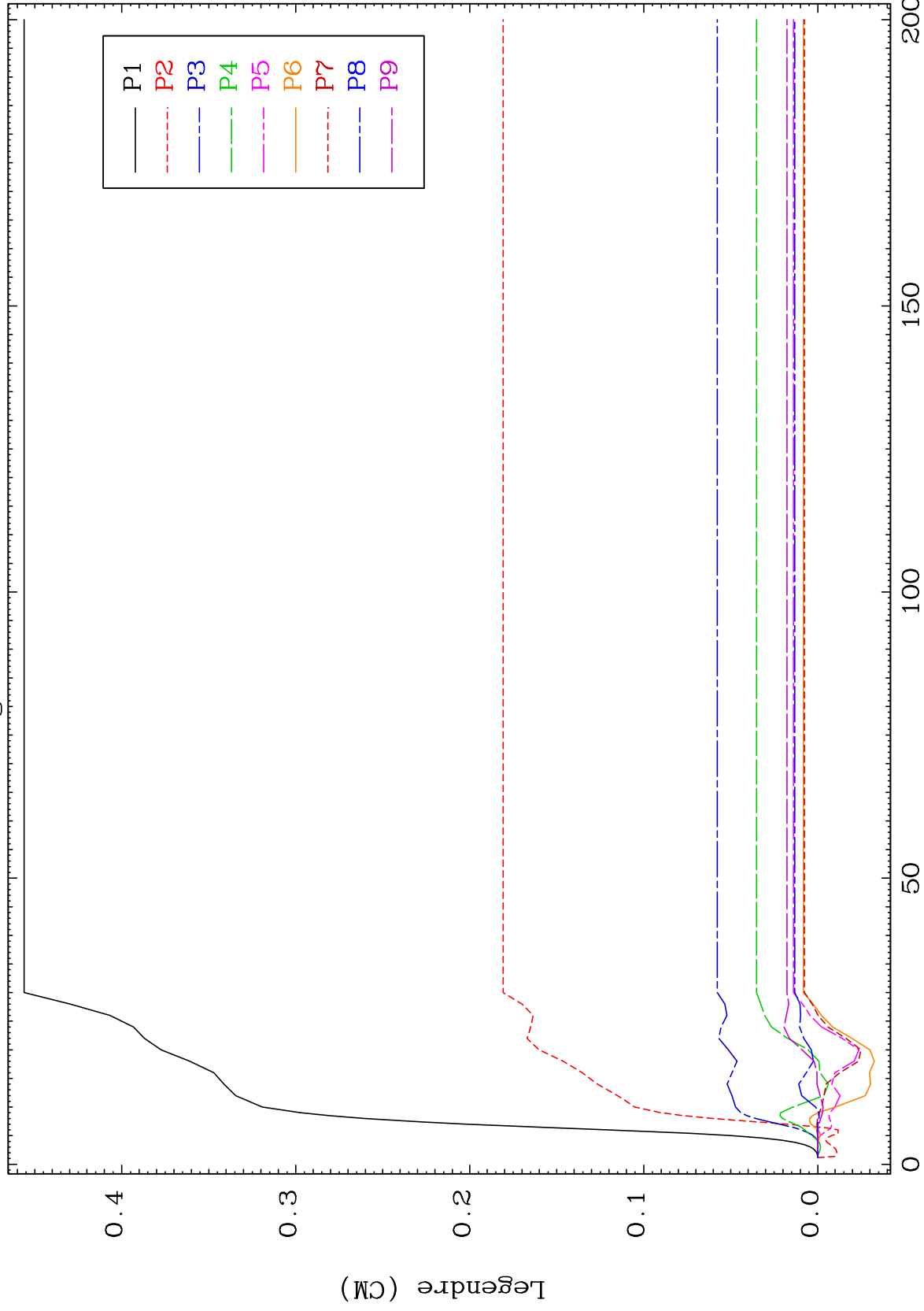
112



MAT 4555

1.138 MeV (n,n') Level
Legendre Coefficients

45-Rh-113



114

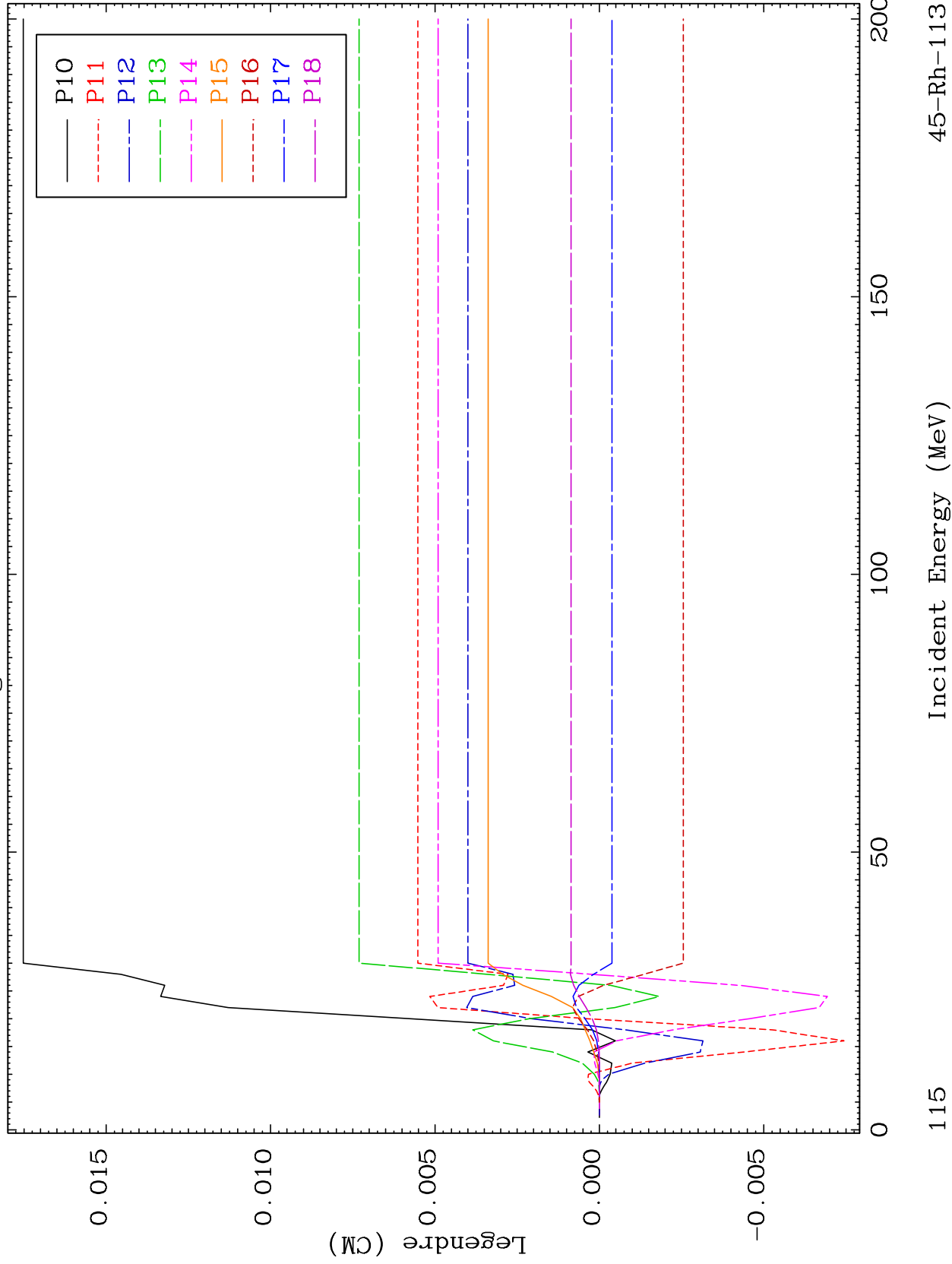
Incident Energy (MeV)

45-Rh-113

MAT 4555

1.138 MeV (n,n') Level
Legendre Coefficients

45-Rh-113



45-Rh-113

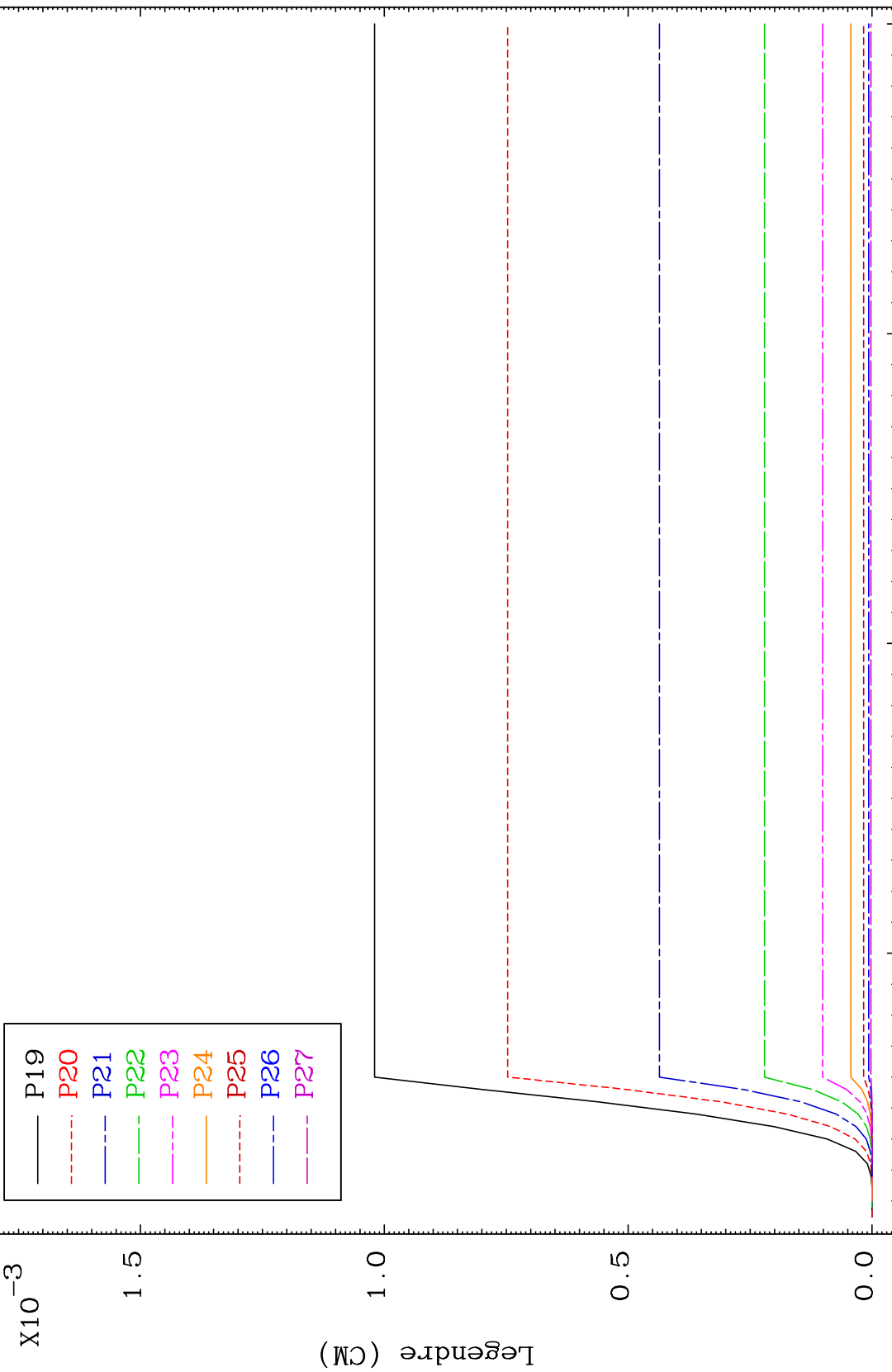
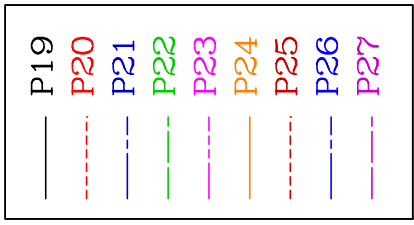
Incident Energy (MeV)

115

MAT 4555

1.138 MeV (n,n') Level Legendre Coefficients

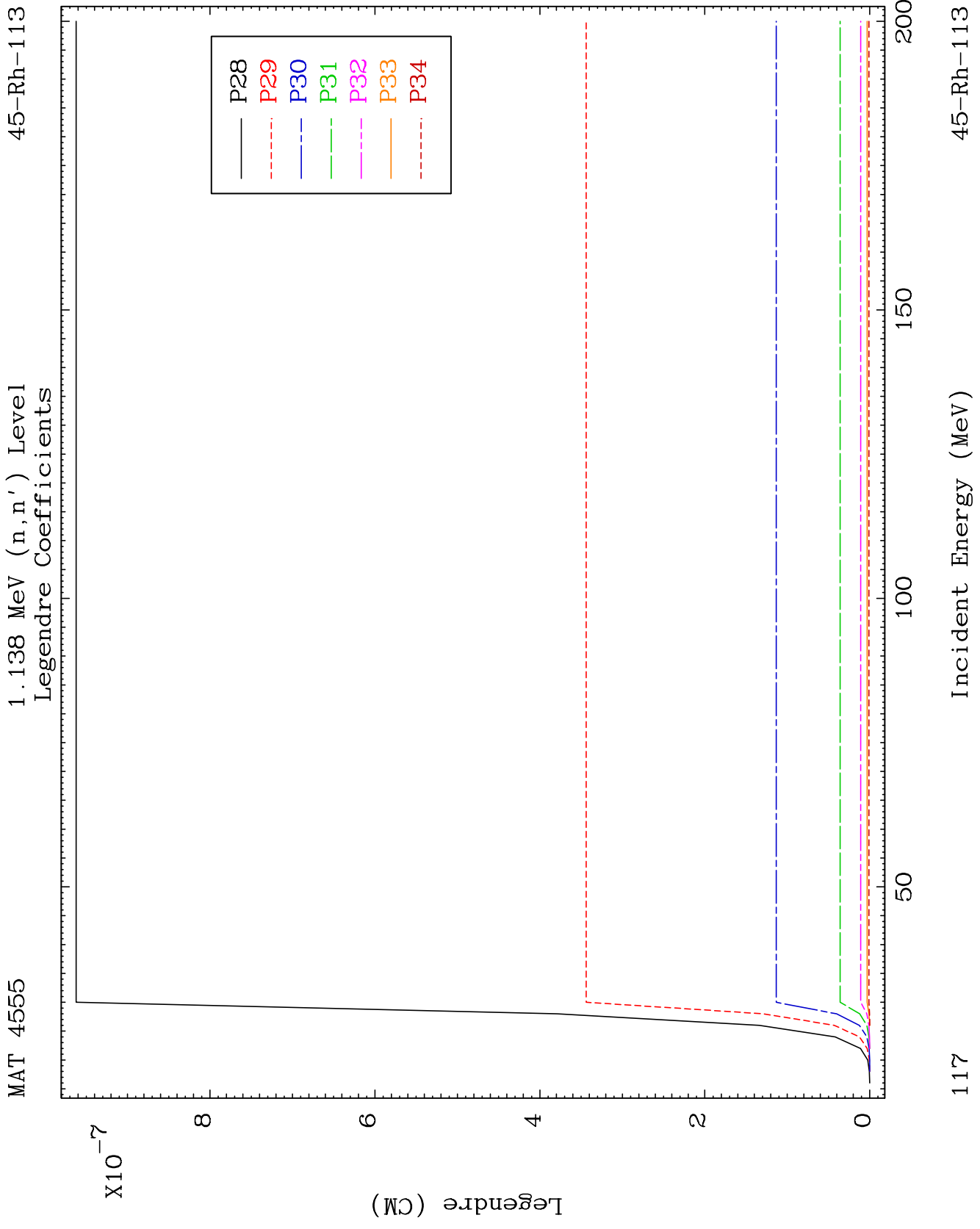
45-Rh-113

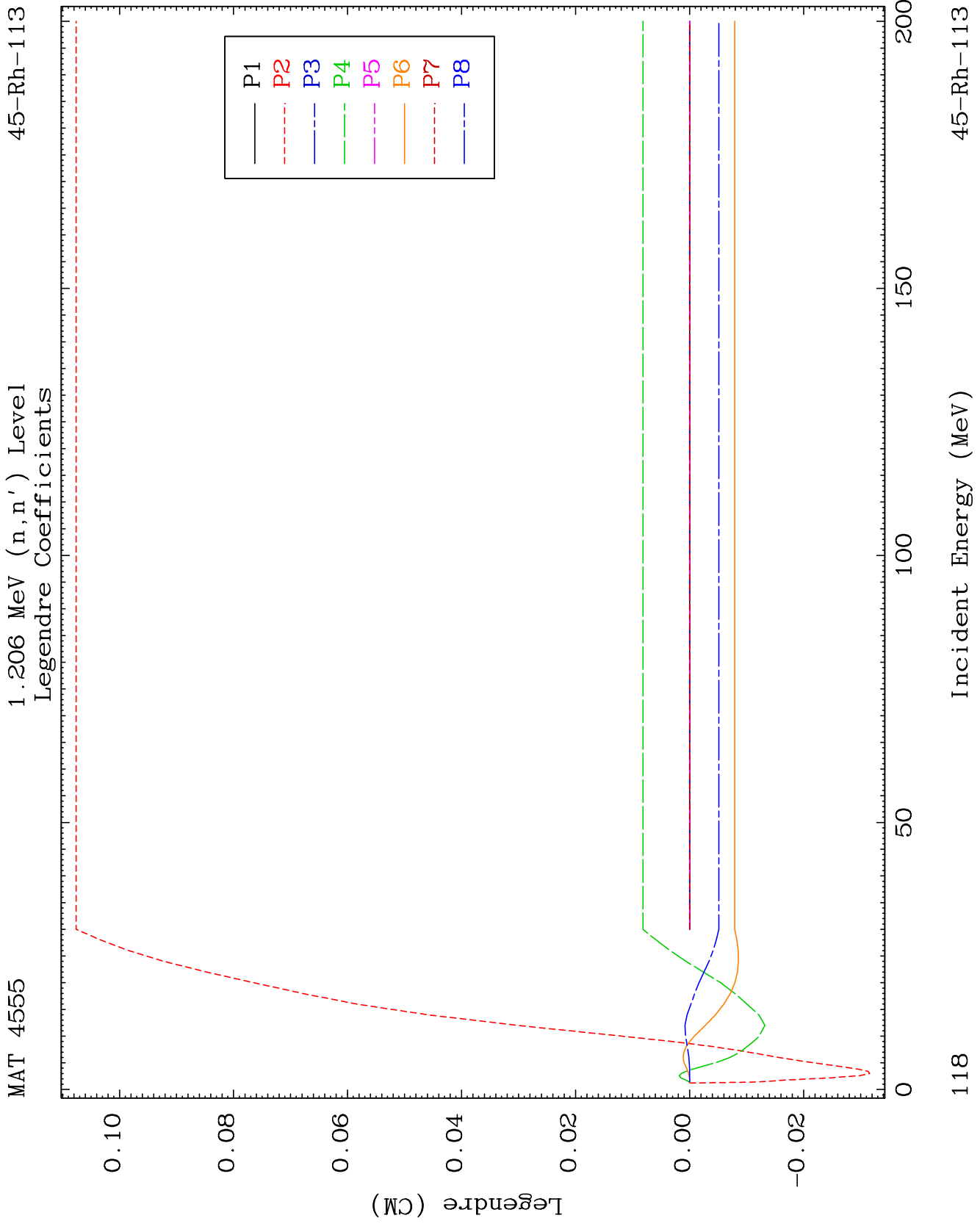


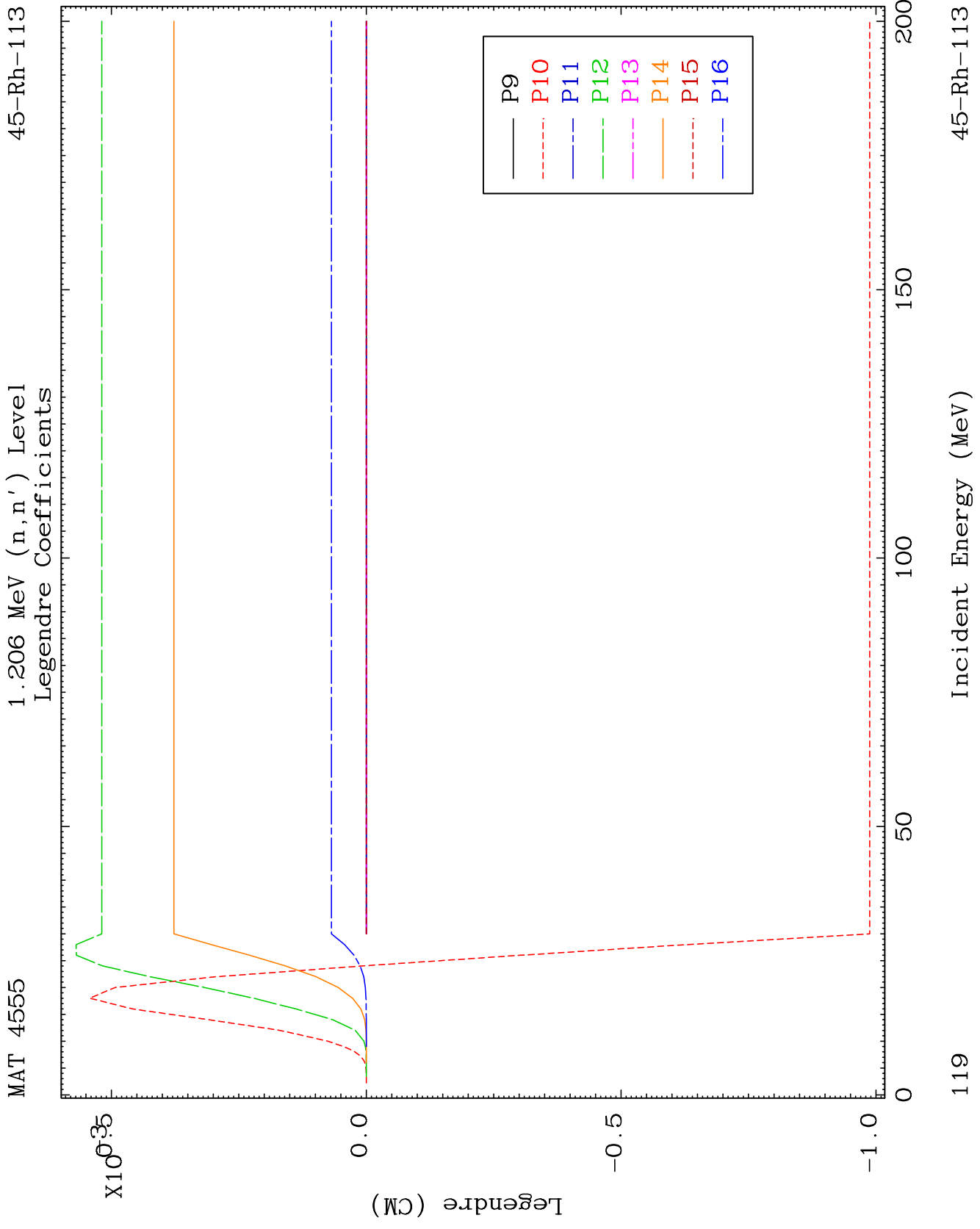
116

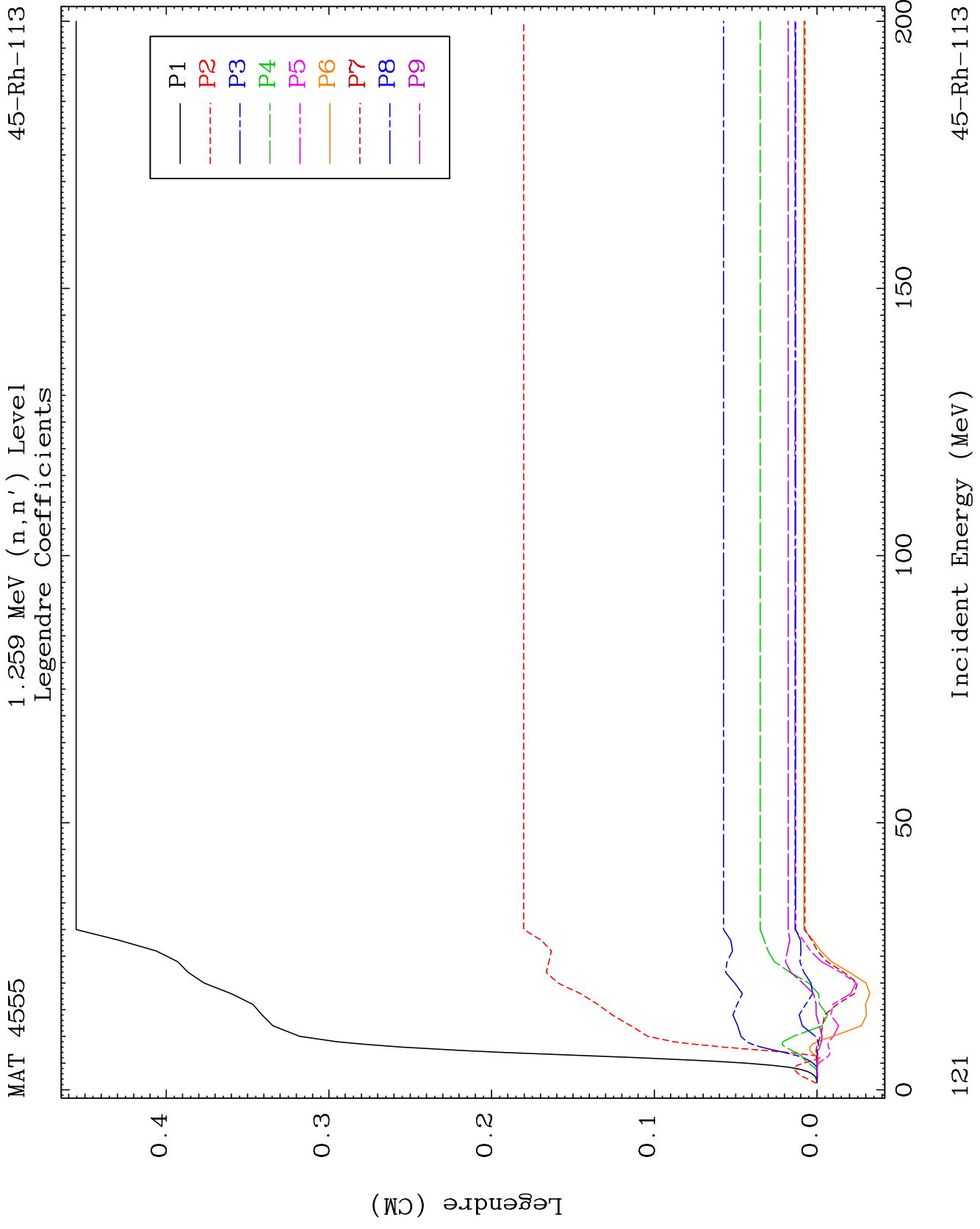
Incident Energy (MeV)

45-Rh-113





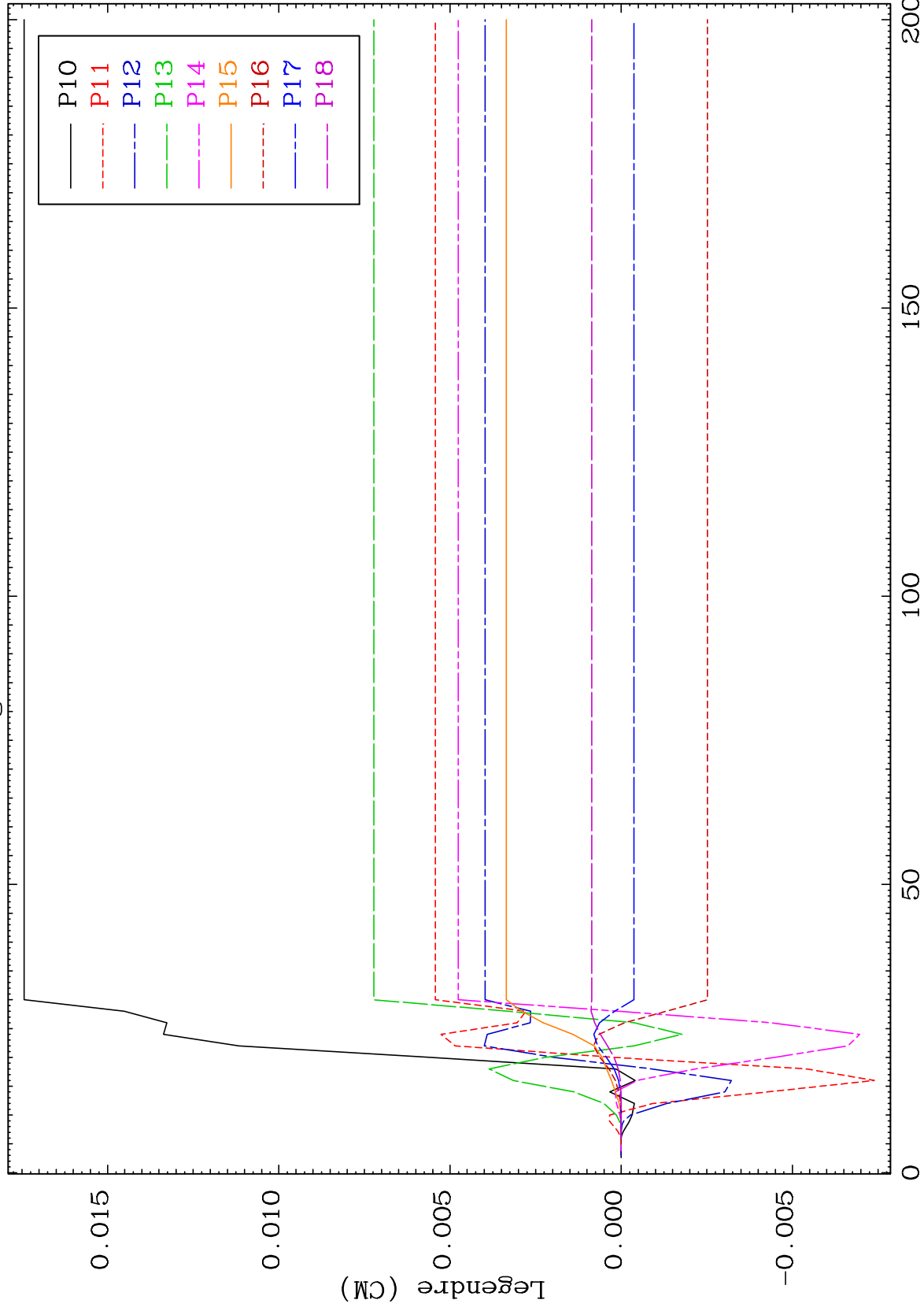




MAT 4555

1.259 MeV (n,n') Level
Legendre Coefficients

45-Rh-113



122

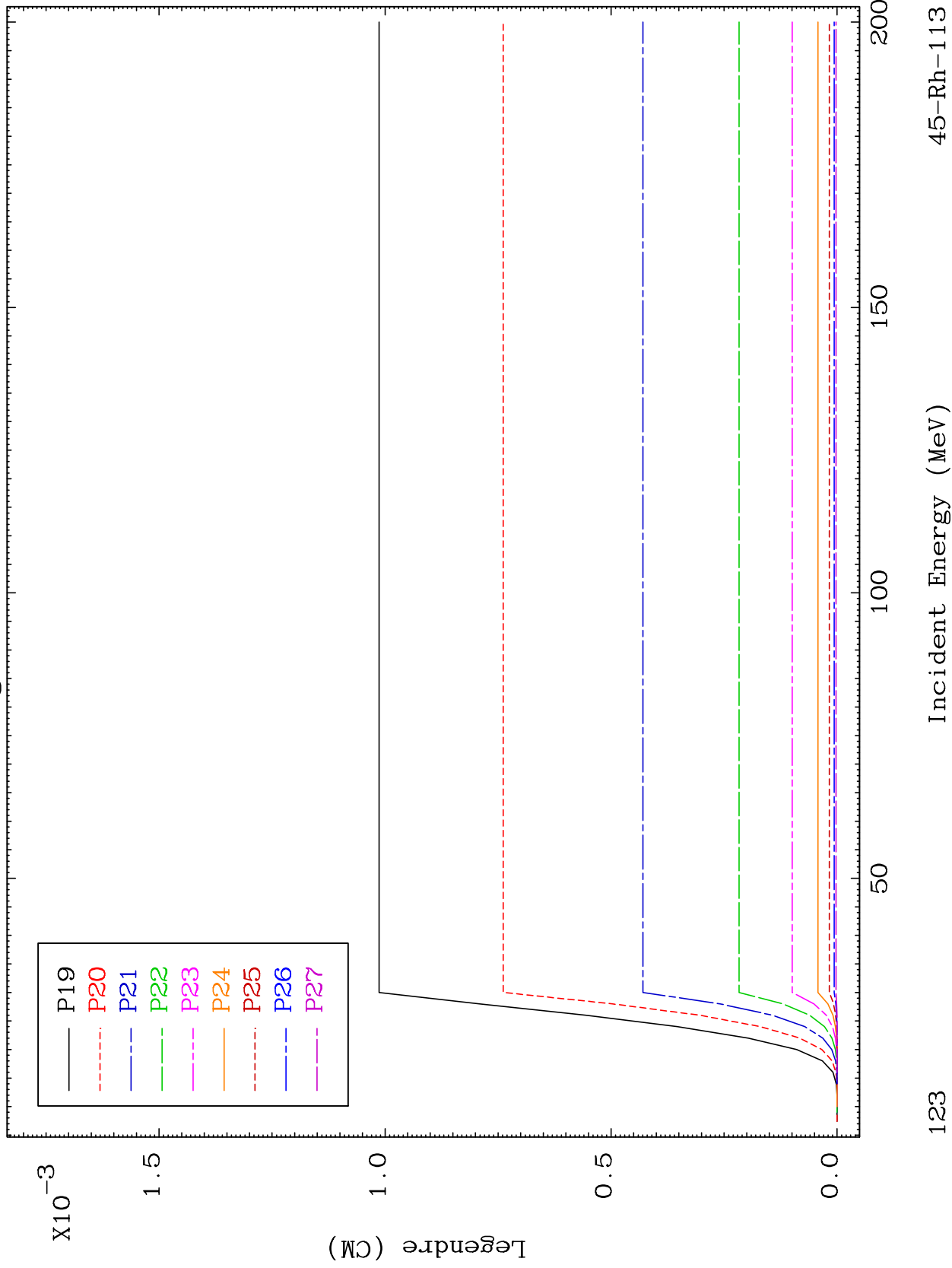
Incident Energy (MeV)

45-Rh-113

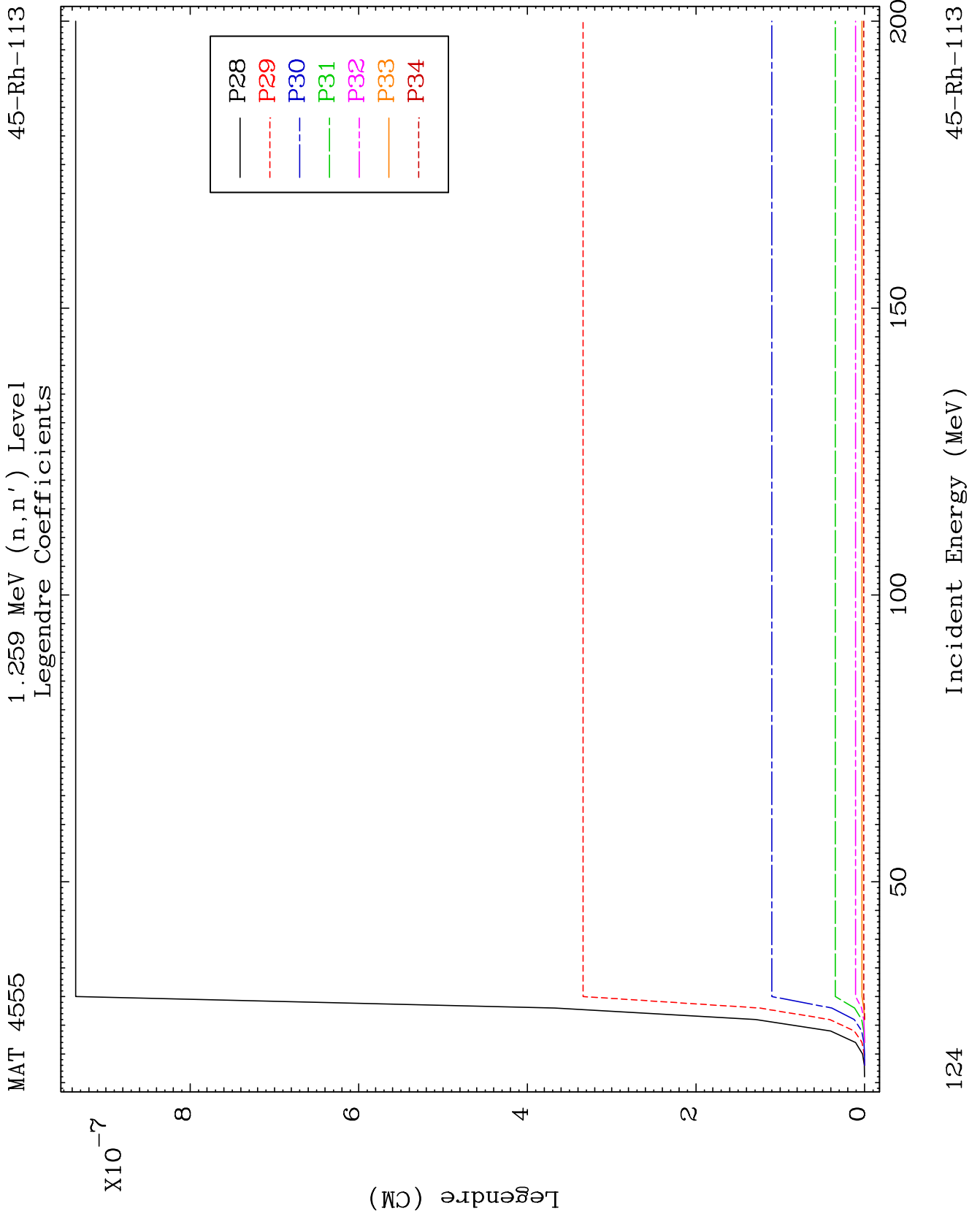
MAT 4555

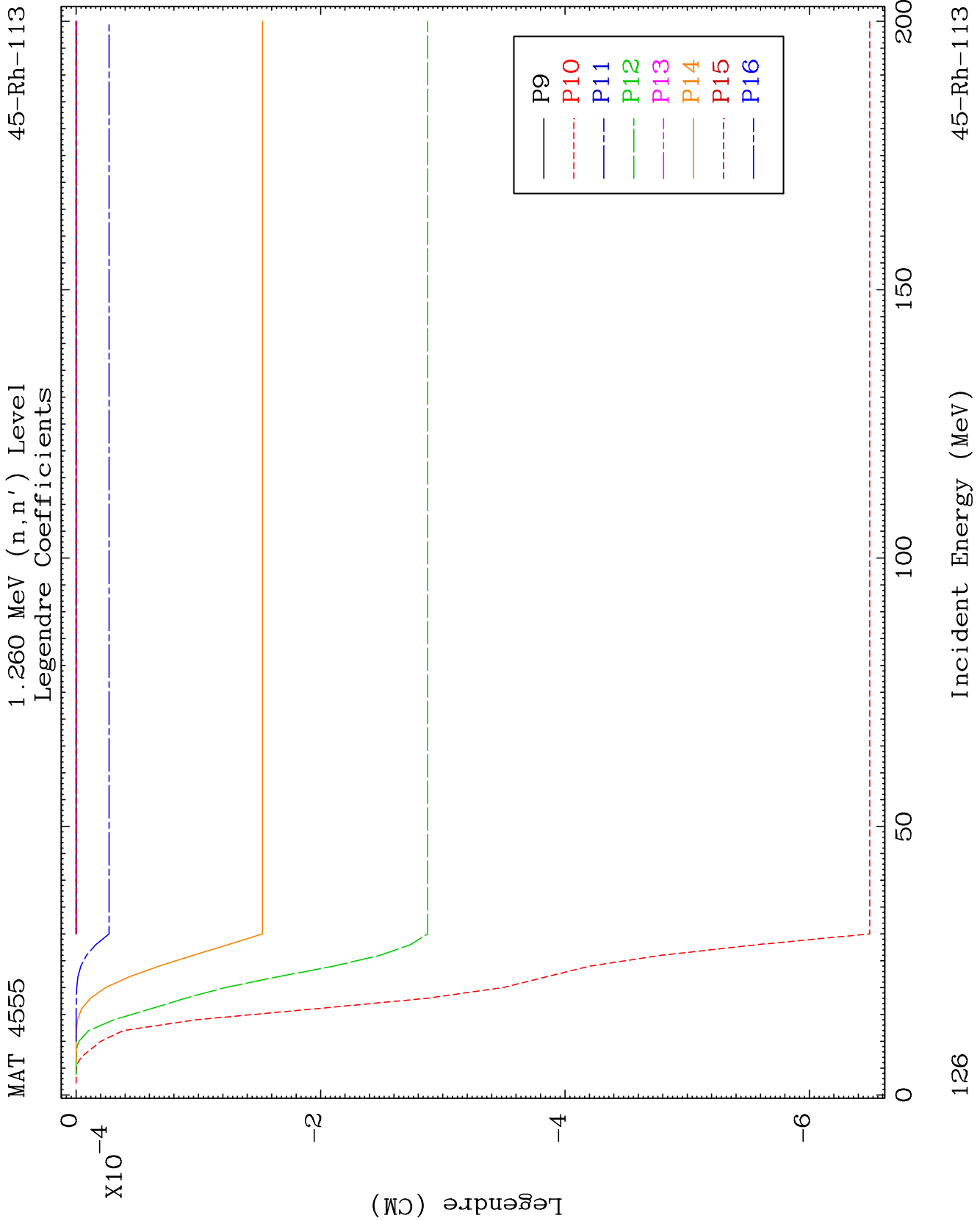
1.259 MeV (n,n') Level
Legendre Coefficients

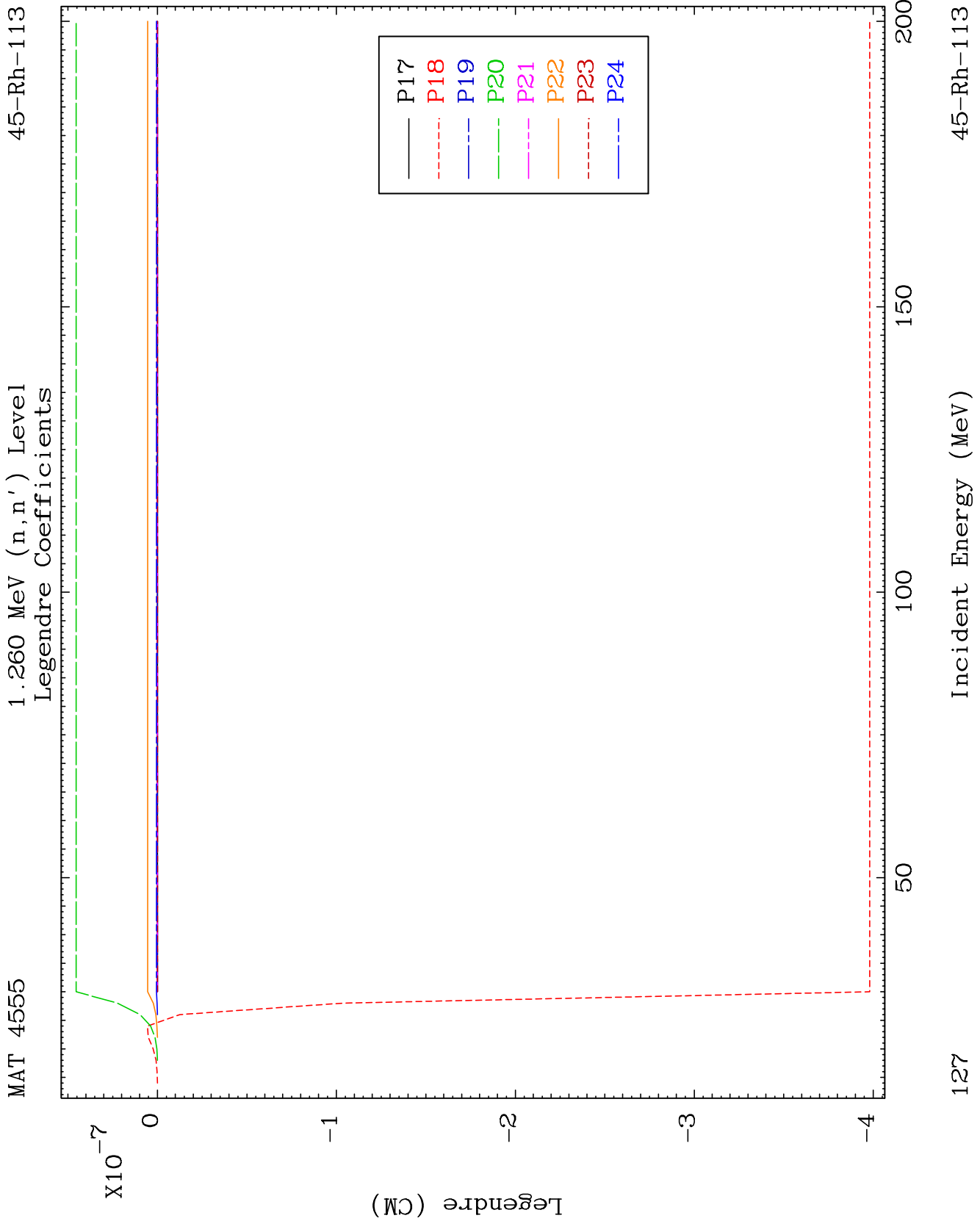
45-Rh-113



123





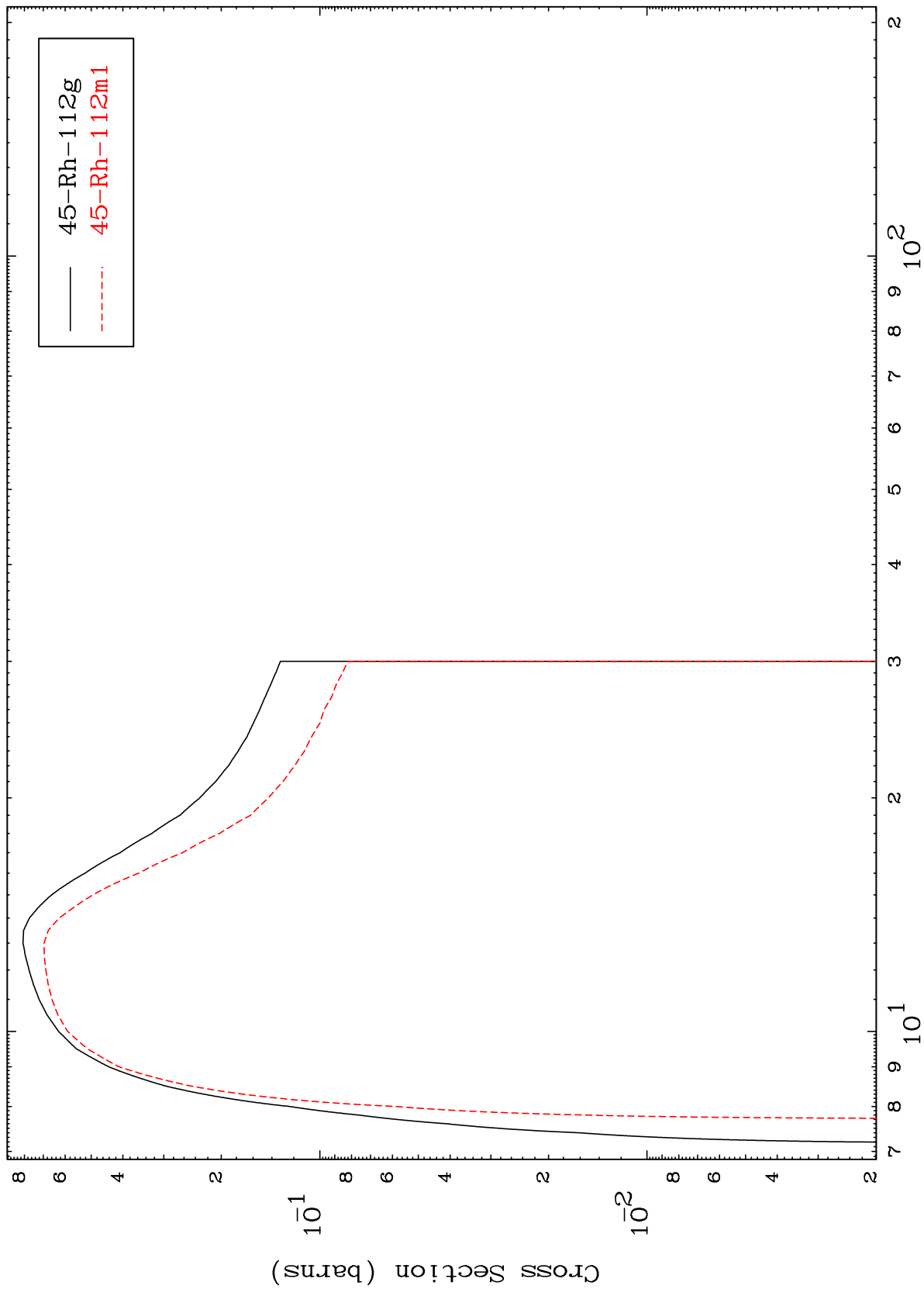


MAT 4555

45-Rh-113

(n,2n)

Radionuclide Production Cross Section



Incident Energy (MeV)

45-Rh-113

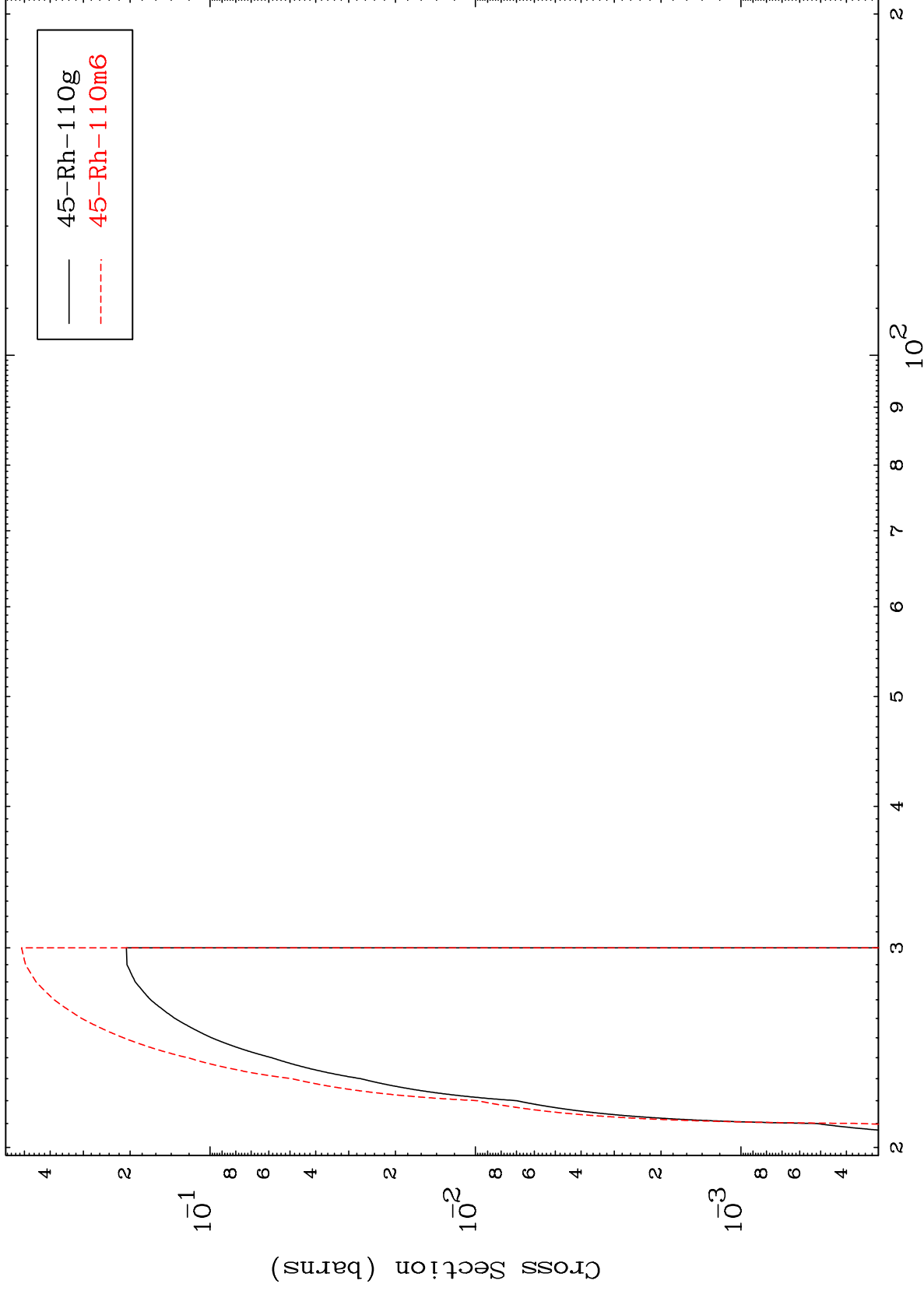
128

MAT 4555

(n,4n)

45-Rh-113

Radionuclide Production Cross Section



129

Incident Energy (MeV)

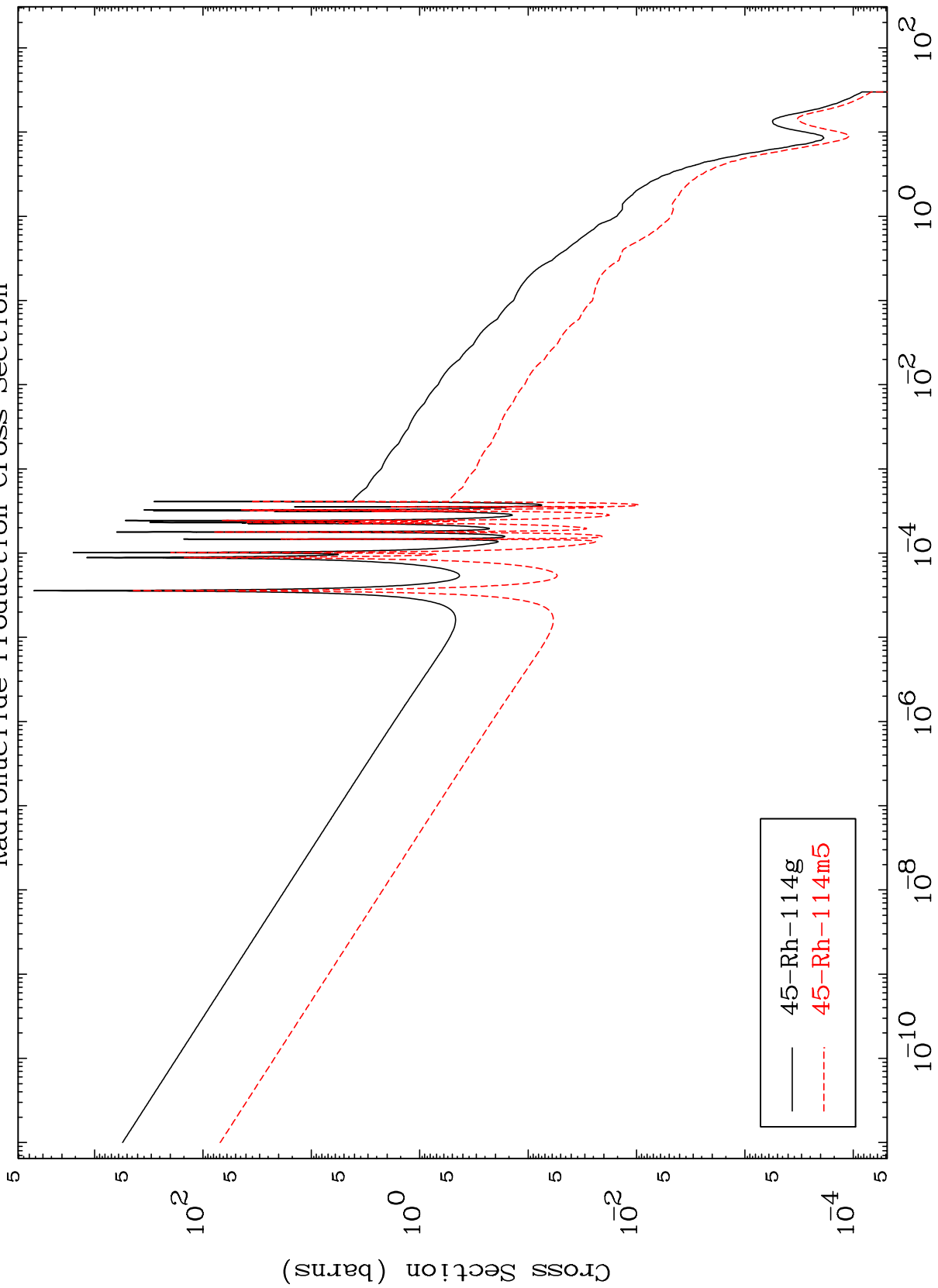
45-Rh-113

MAT 4555

45-Rh-113

Radionuclide Production Cross Section

(n, γ)



— 45-Rh-114g
- - - 45-Rh-114m5

45-Rh-113

Incident Energy (MeV)

130