

Program EVALPLOT
(Version 2021-1)

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

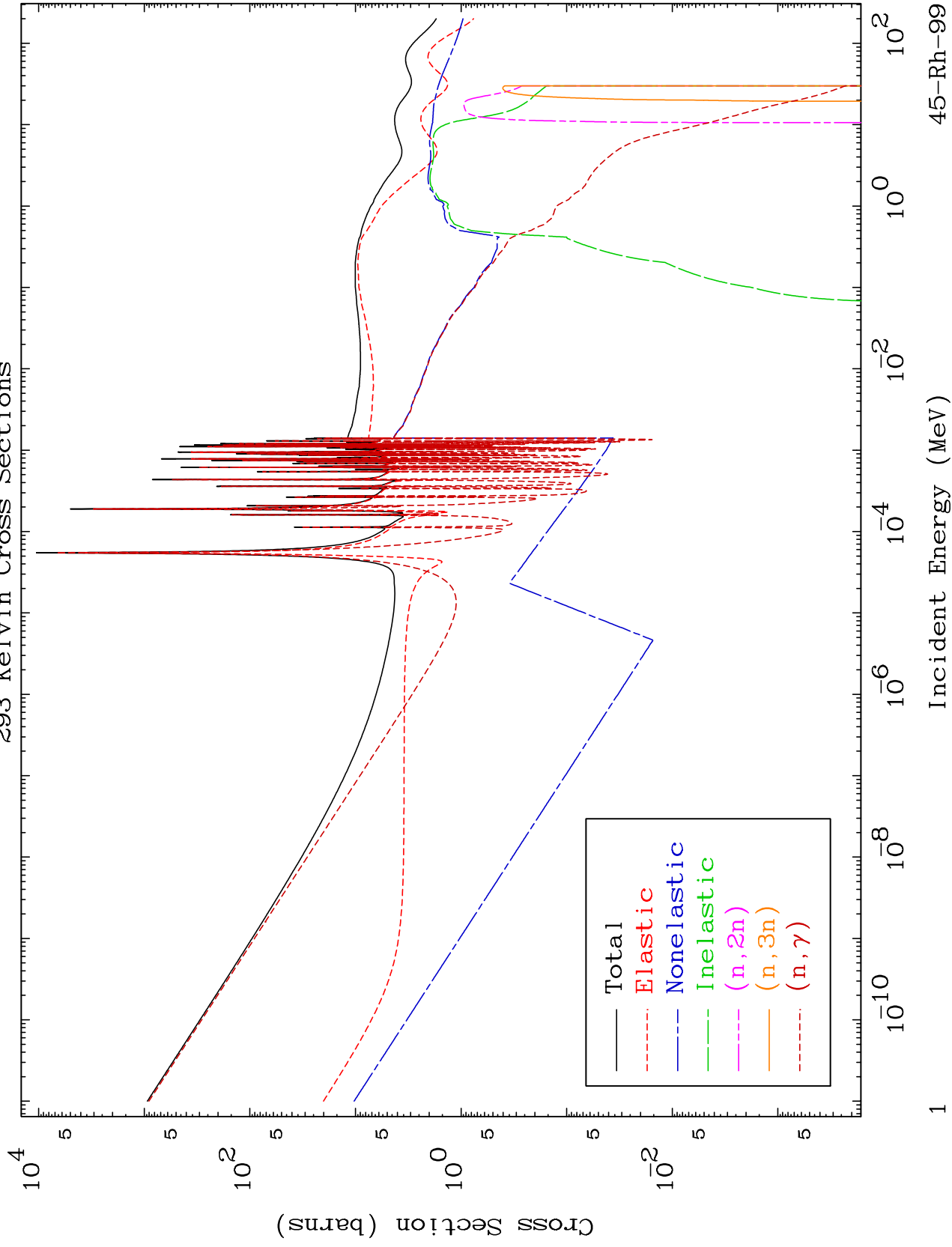
Web: redcullen1.net/HOMEPAGE.NEW

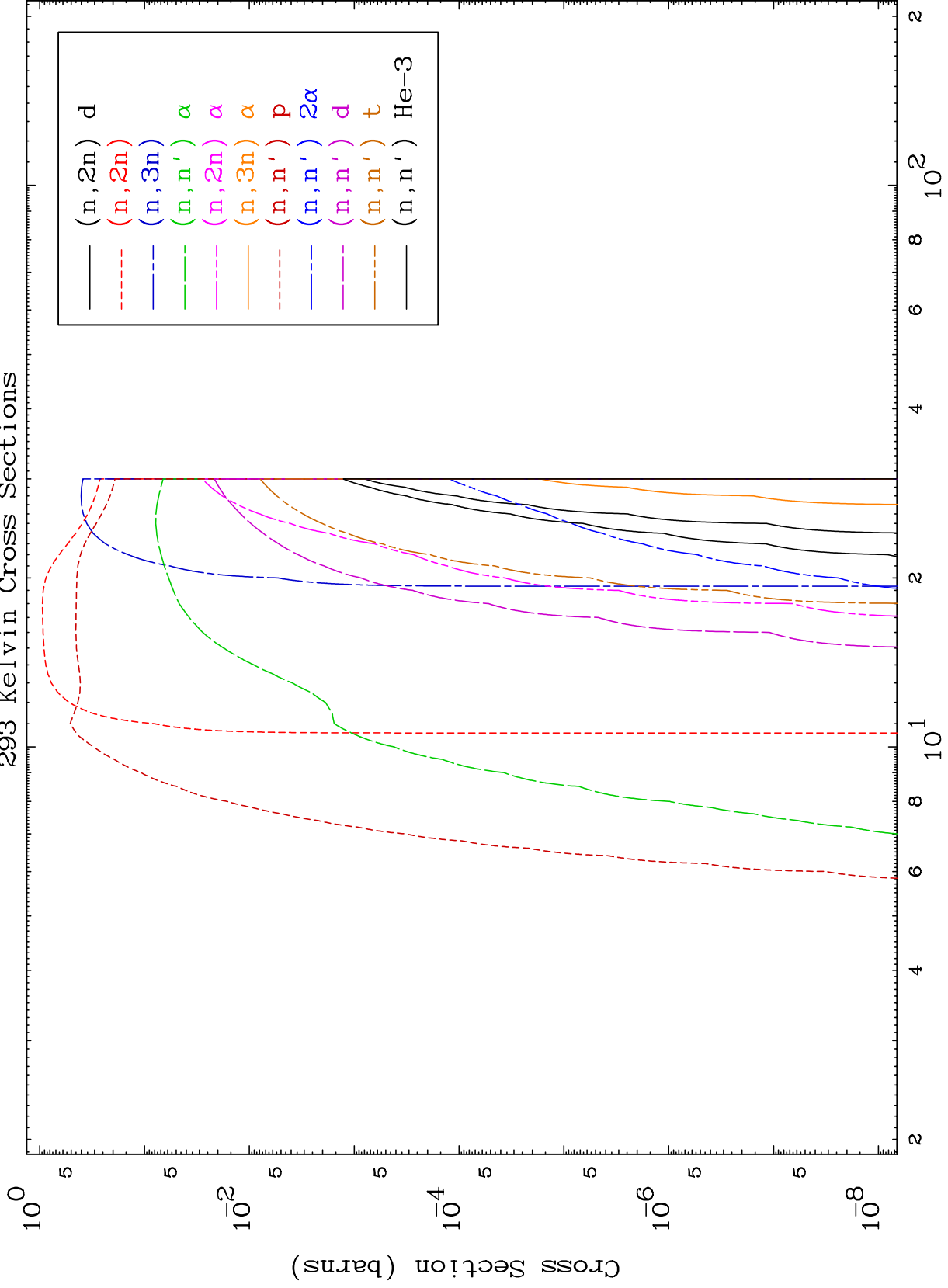
Press Mouse Button to Start

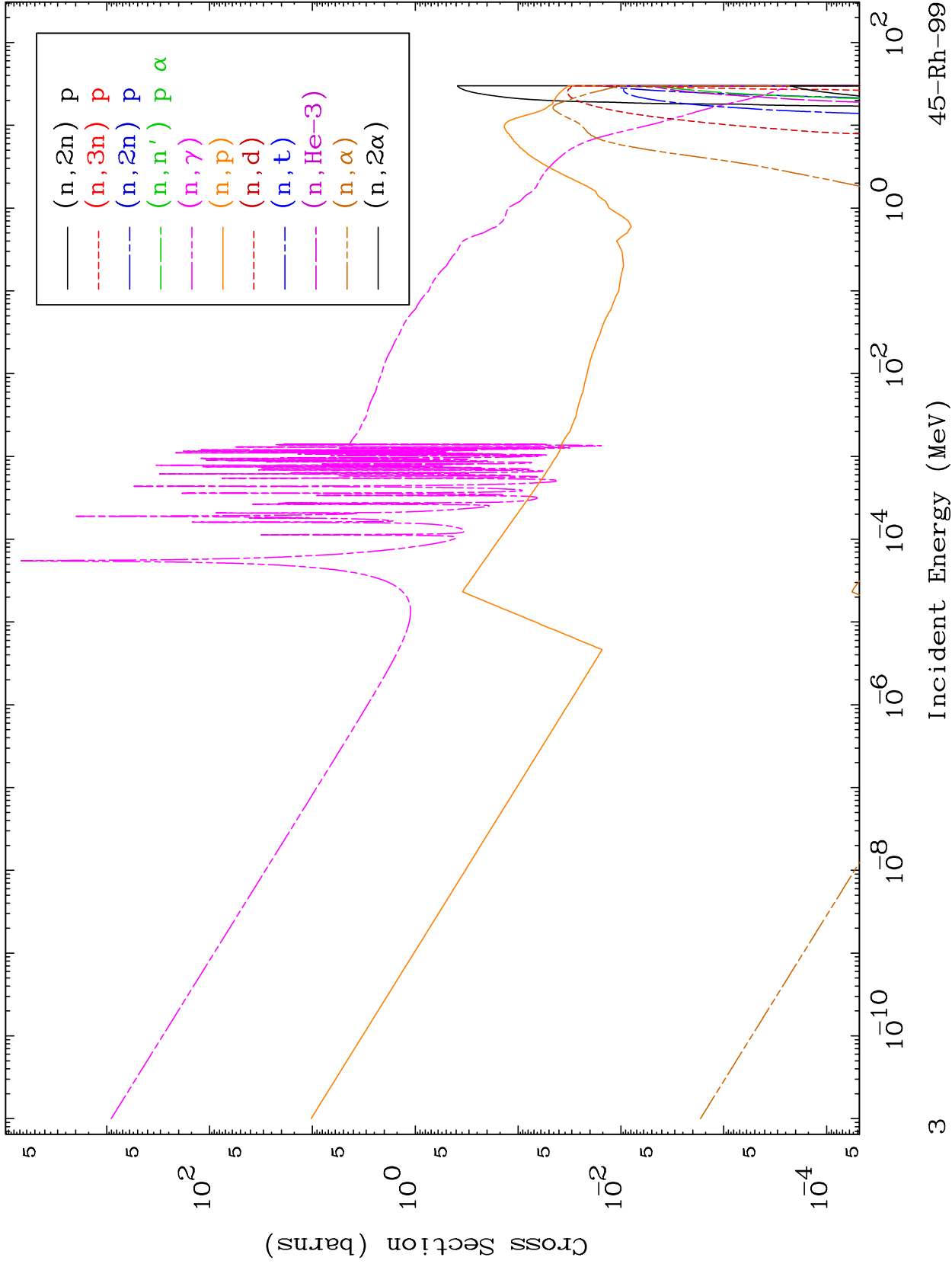
MAT 4513

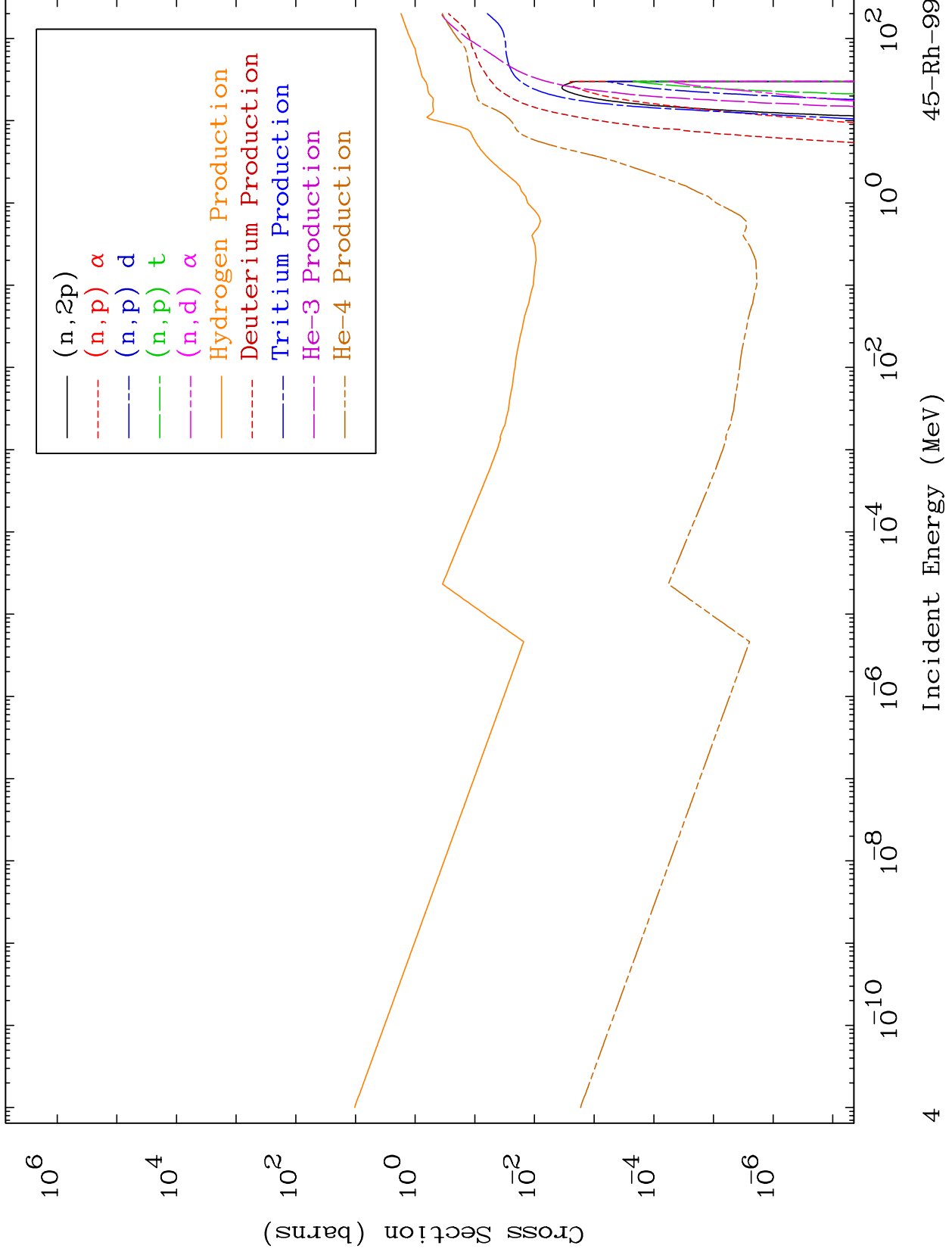
Neutron Major
293 Kelvin Cross Sections

45-Rh-99





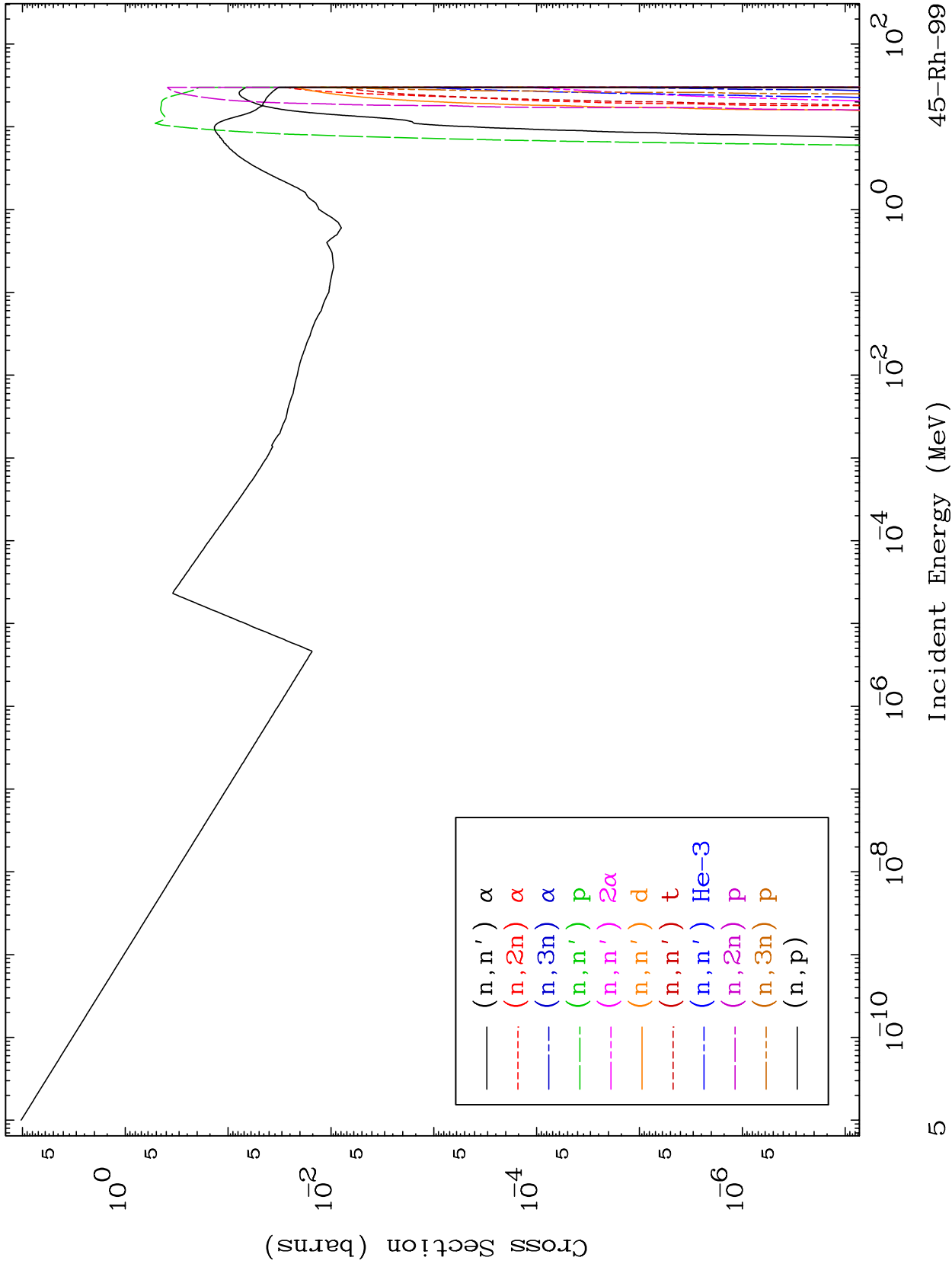




MAT 4513

Charged Particle
293 Kelvin Cross Sections

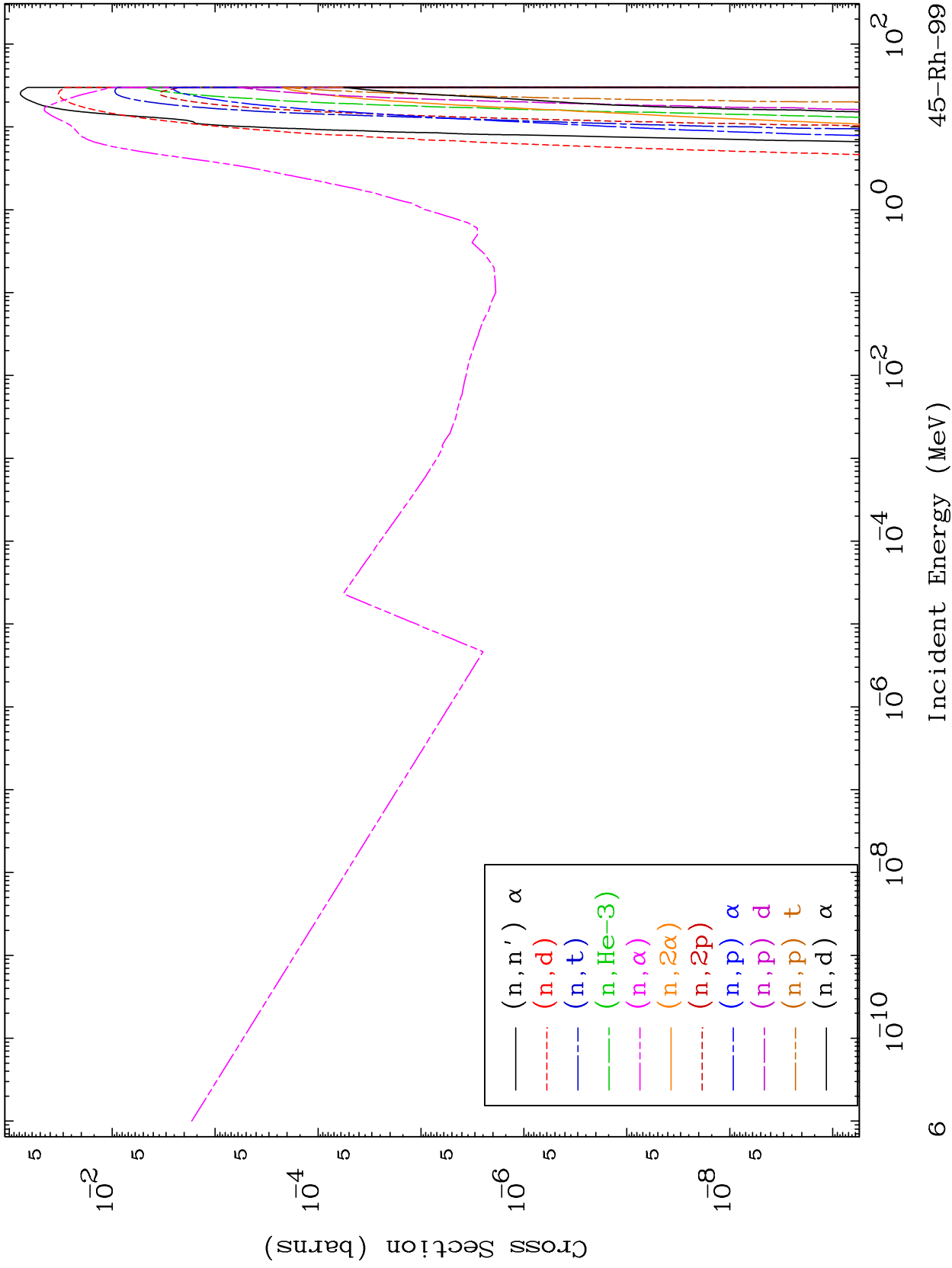
45-Rh-99

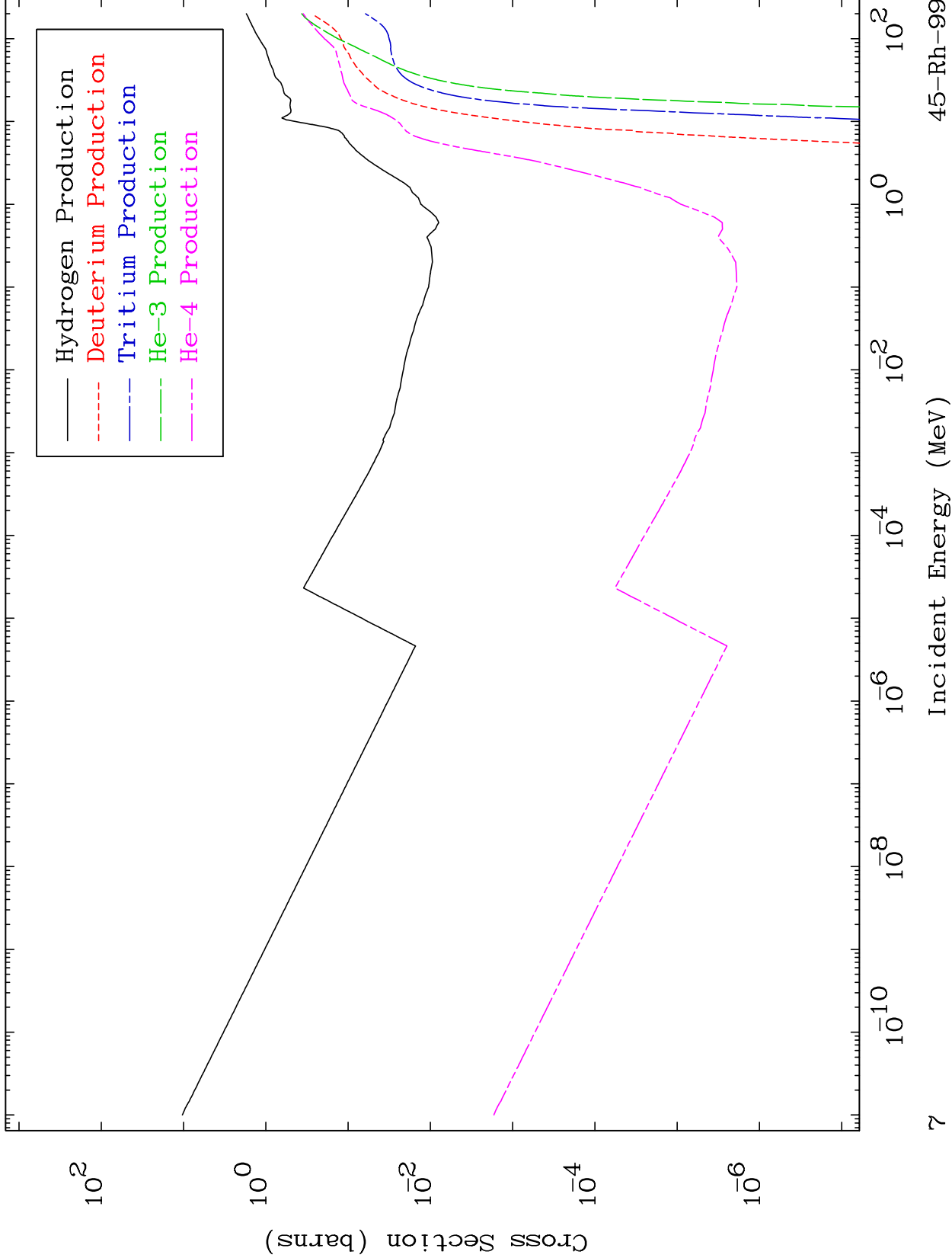


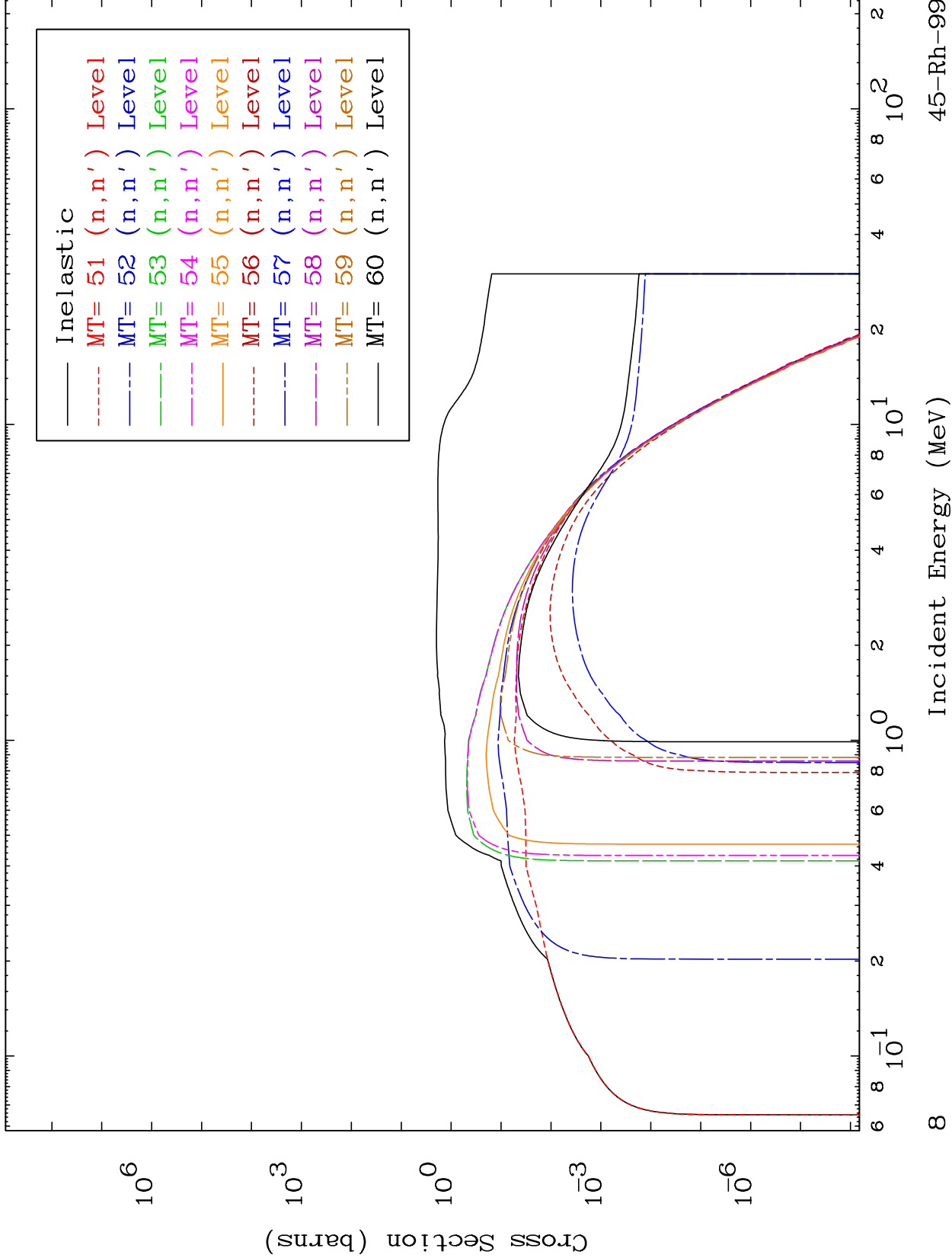
MAT 4513

Charged Particle
293 Kelvin Cross Sections

45-Rh-99





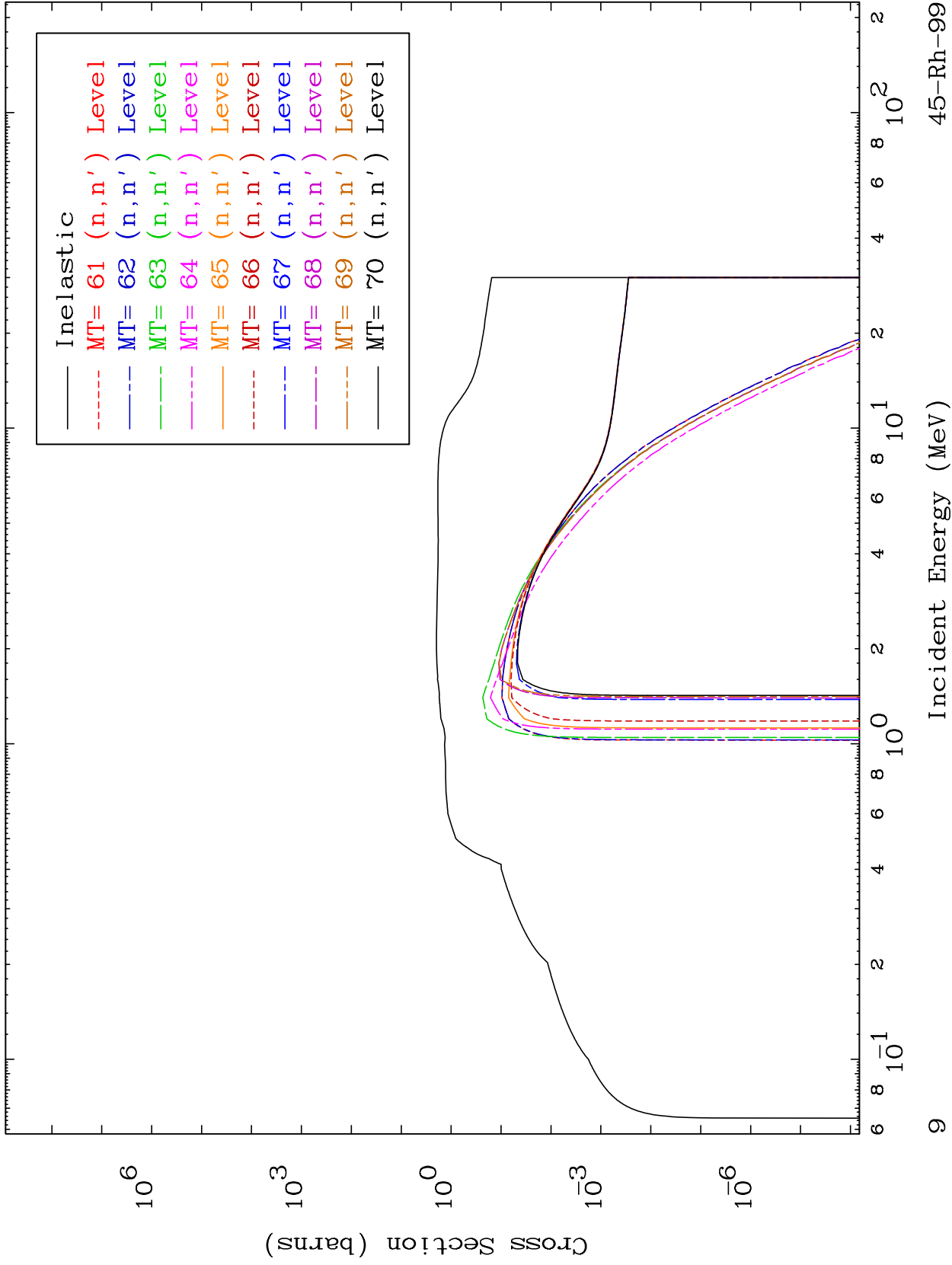


MAT 4513

(n,n') Levels

293 Kelvin Cross Sections

45-Rh-99



9

Incident Energy (MeV)

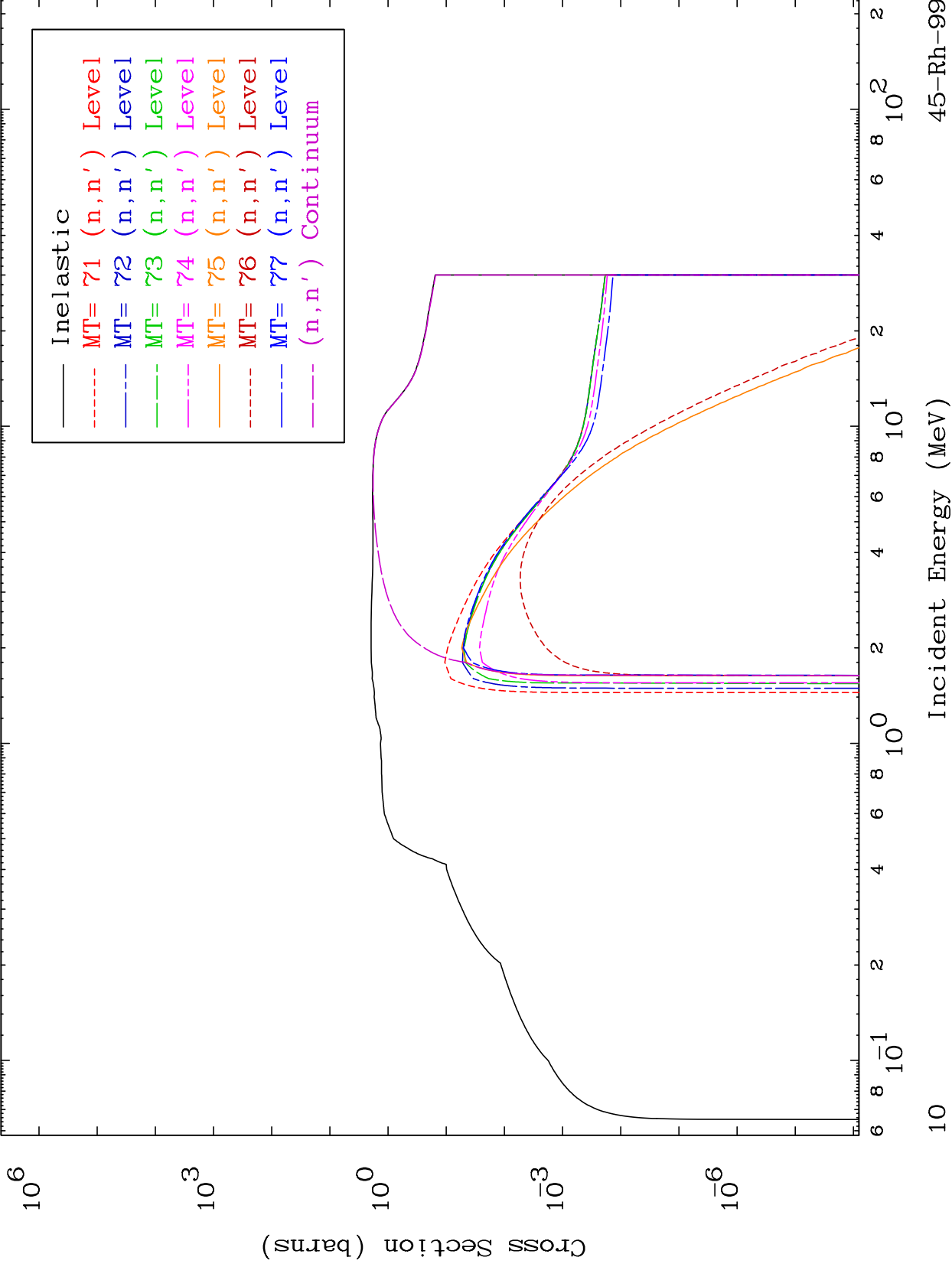
45-Rh-99

MAT 4513

(n,n') Levels

293 Kelvin Cross Sections

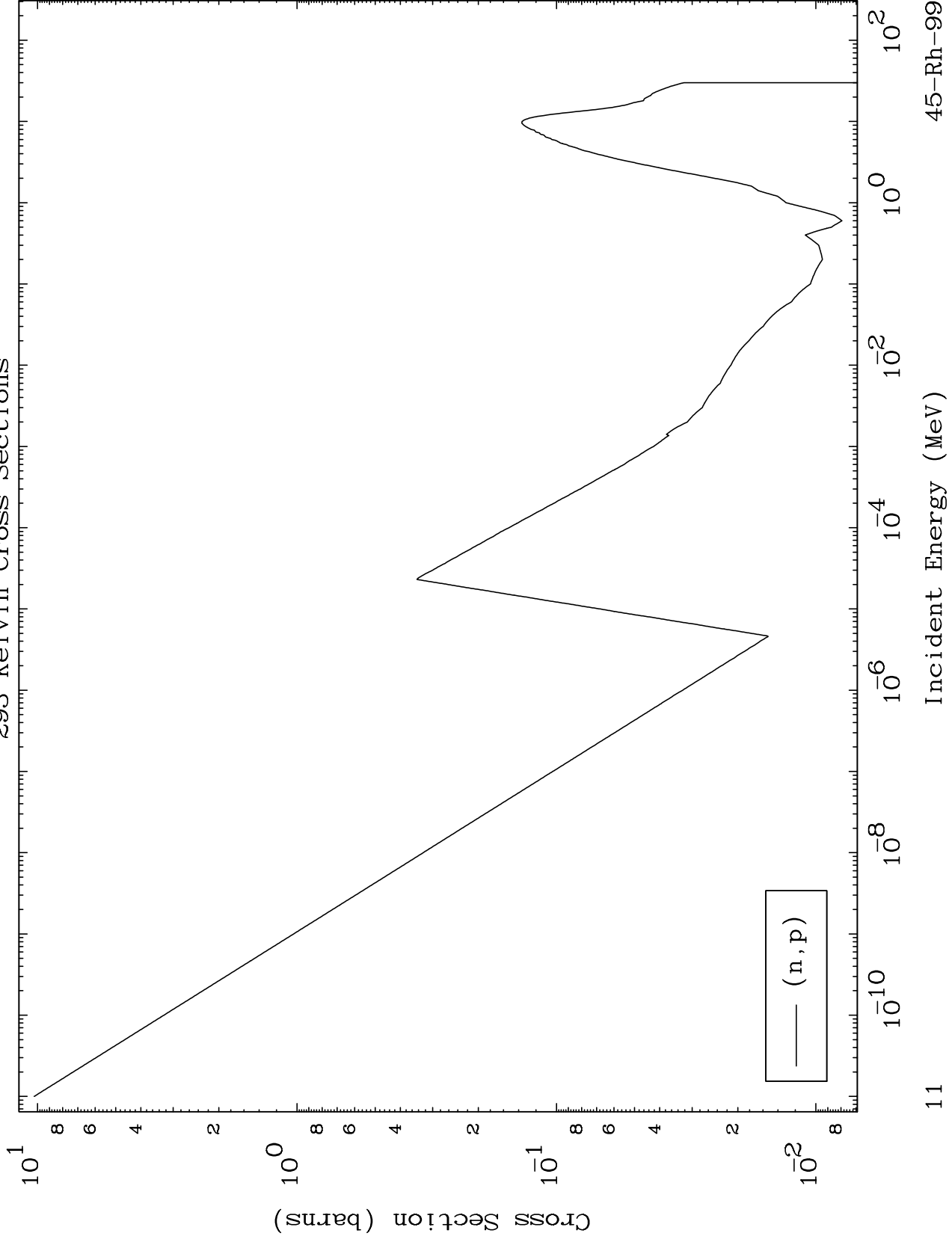
45-Rh-99



MAT 4513

(n,p) Levels
293 Kelvin Cross Sections

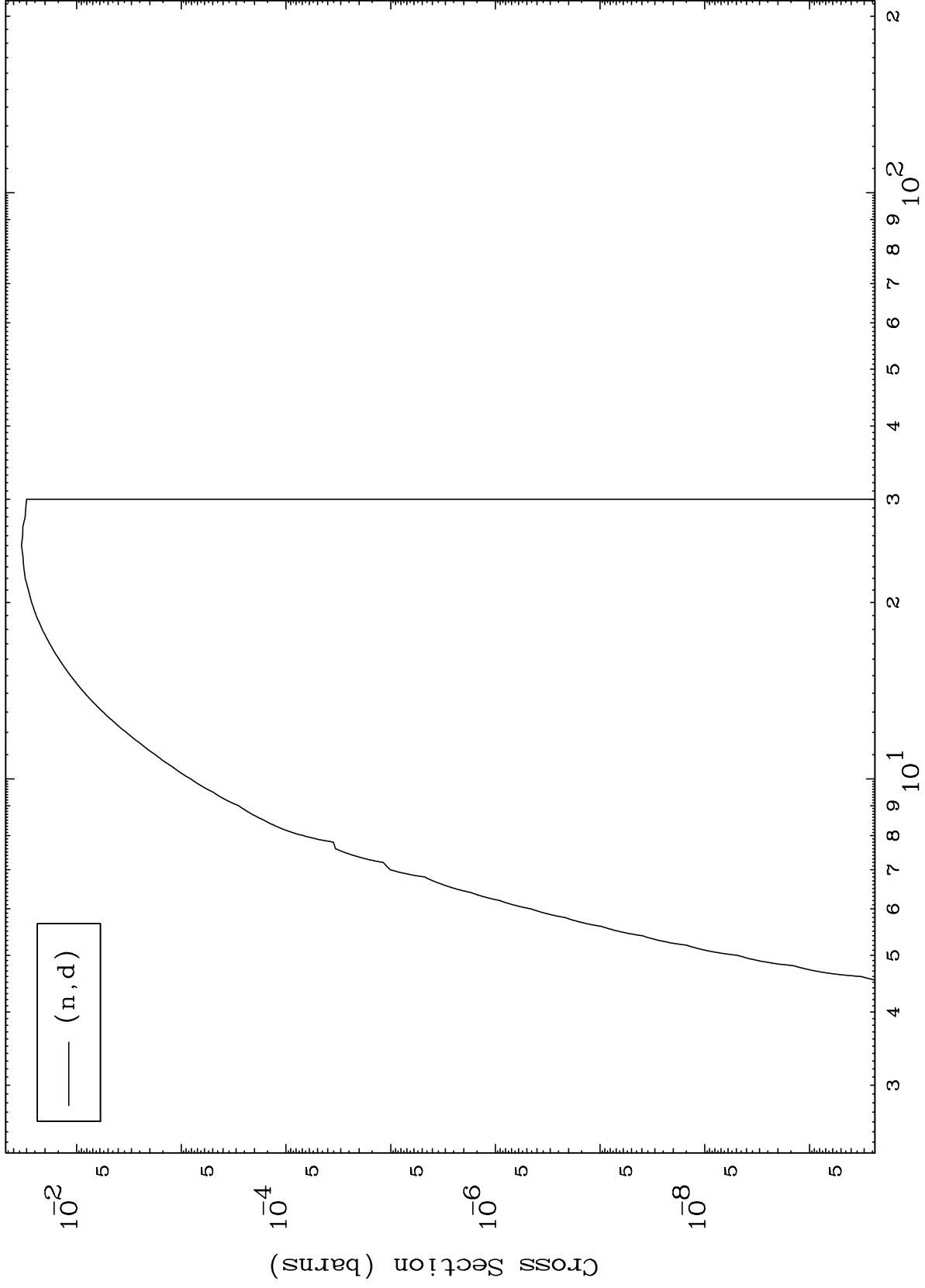
45-Rh-99



MAT 4513

(n,d) Levels
293 Kelvin Cross Sections

45-Rh-99



12

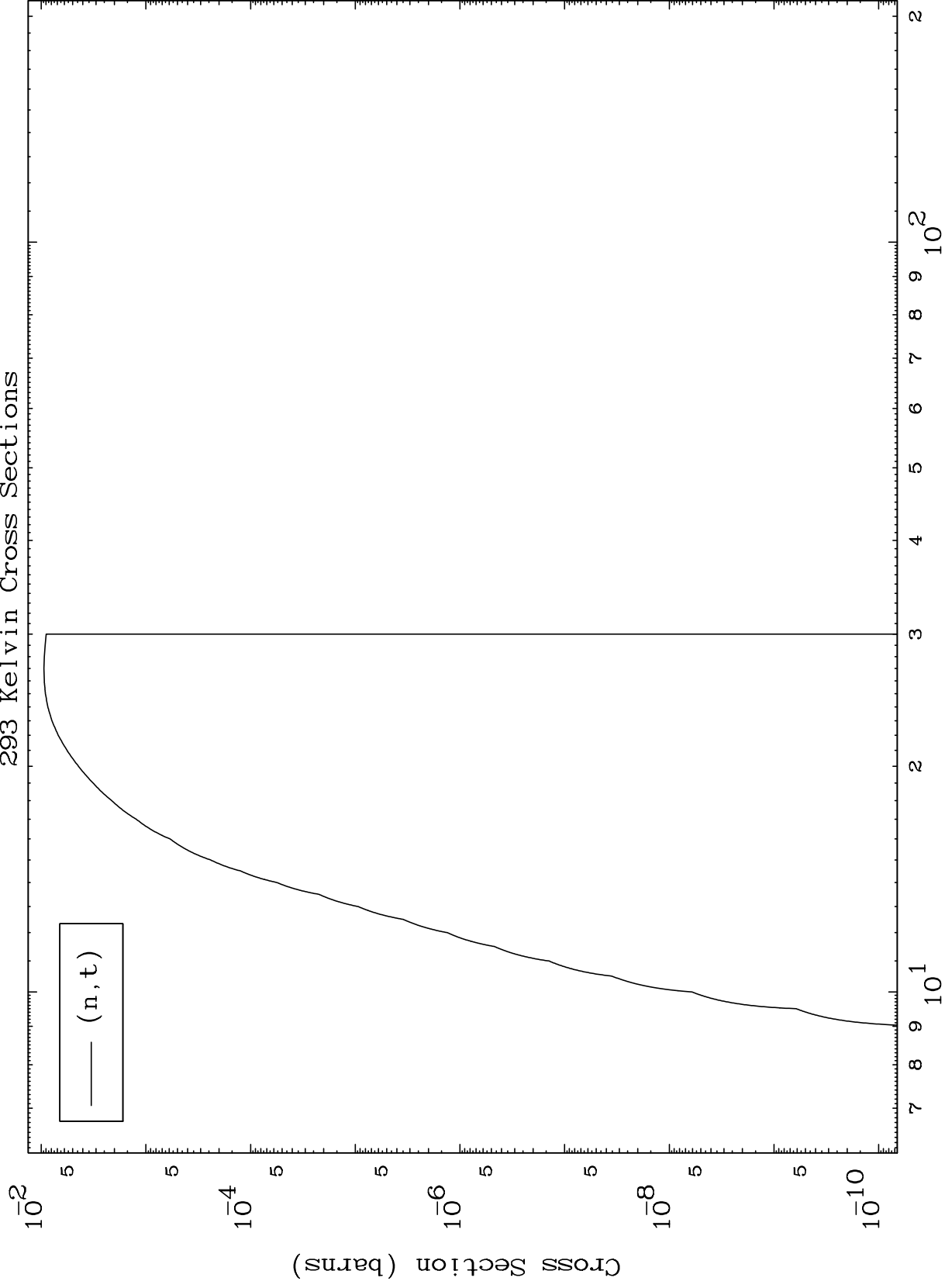
Incident Energy (MeV)

45-Rh-99

MAT 4513

(n, t) Levels
293 Kelvin Cross Sections

45-Rh-99



Incident Energy (MeV)

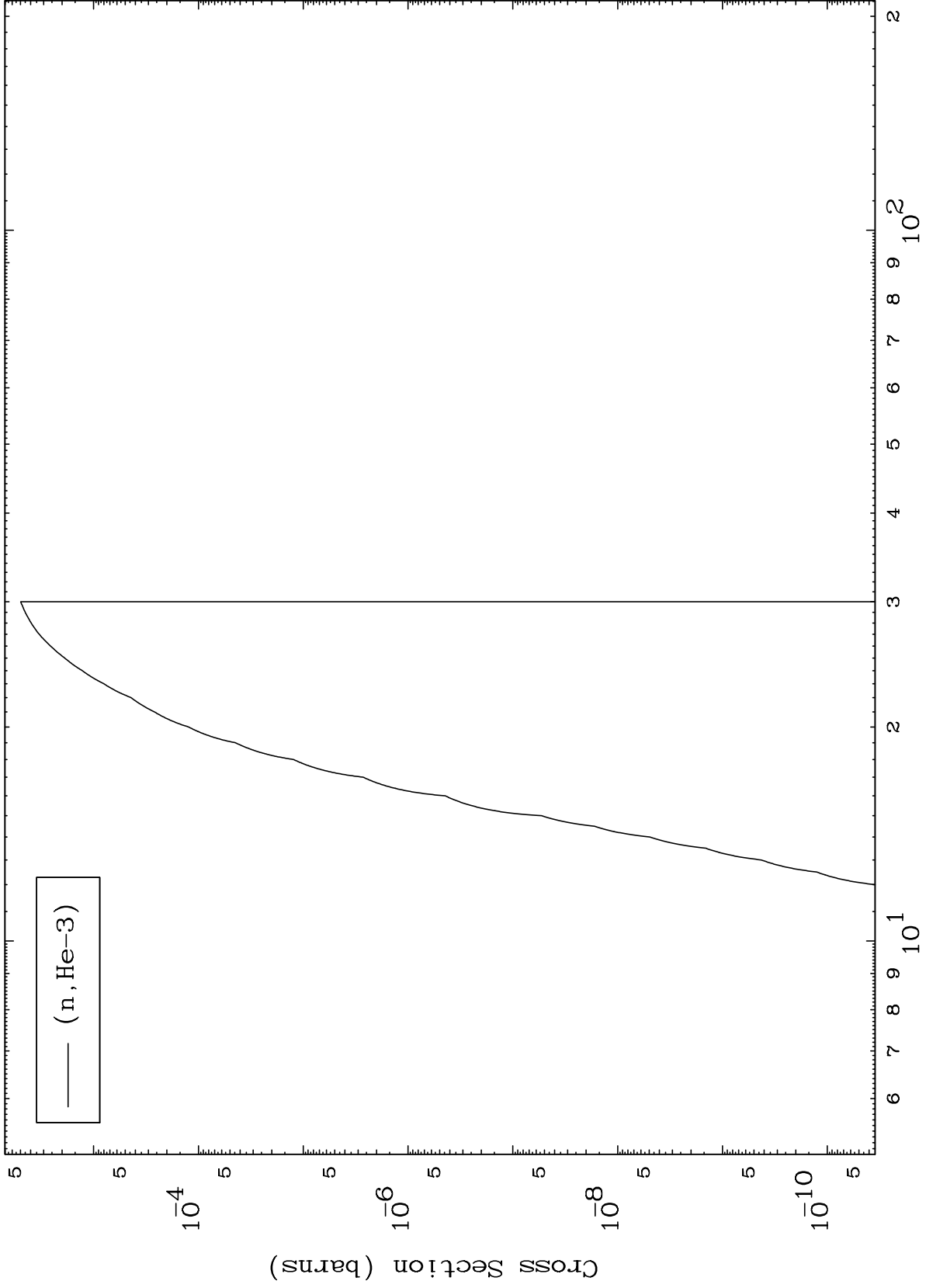
45-Rh-99

13

MAT 4513

(n,He3) Levels
293 Kelvin Cross Sections

45-Rh-99



14

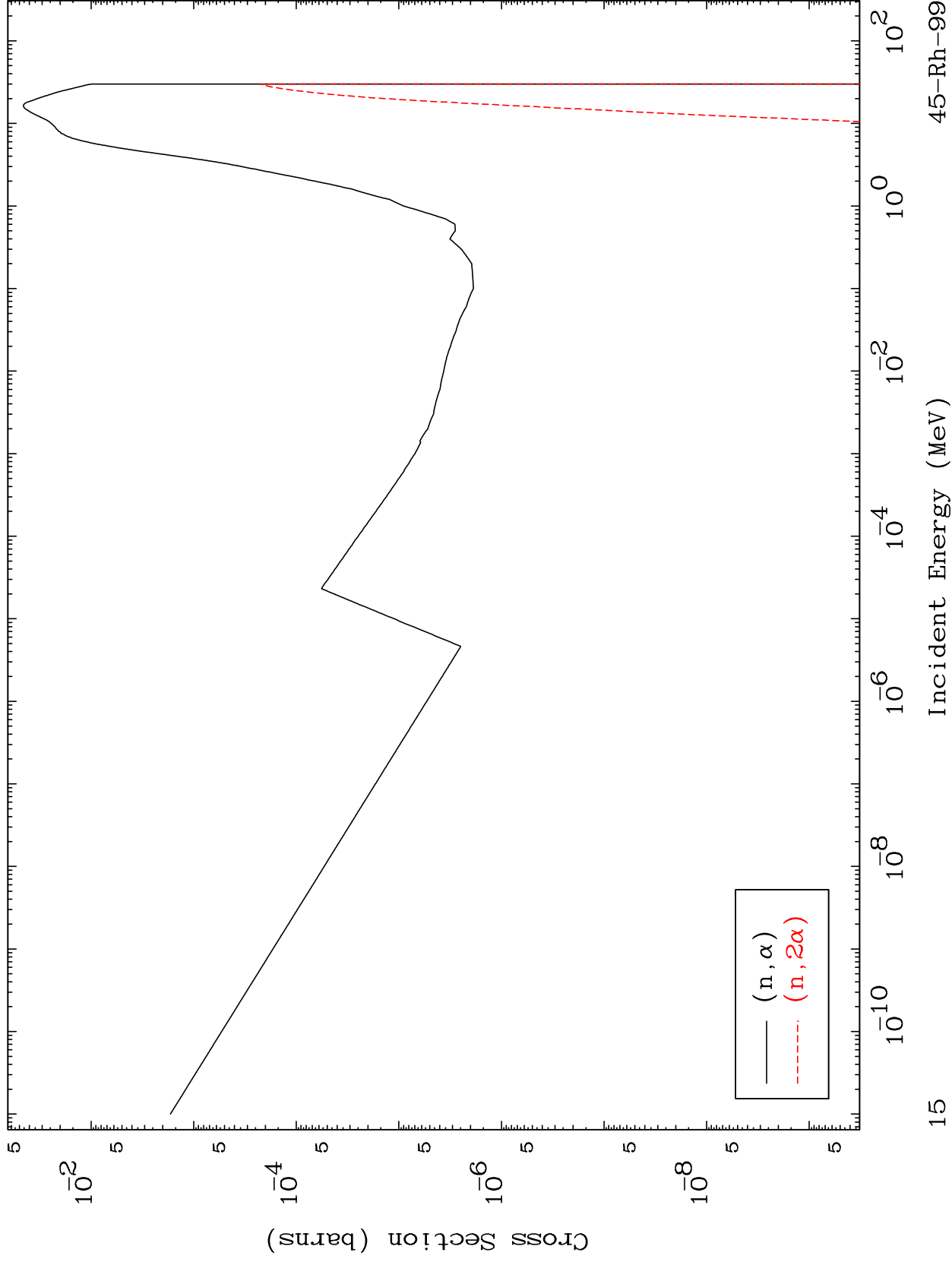
Incident Energy (MeV)

45-Rh-99

MAT 4513

(n,α) Levels
293 Kelvin Cross Sections

45-Rh-99

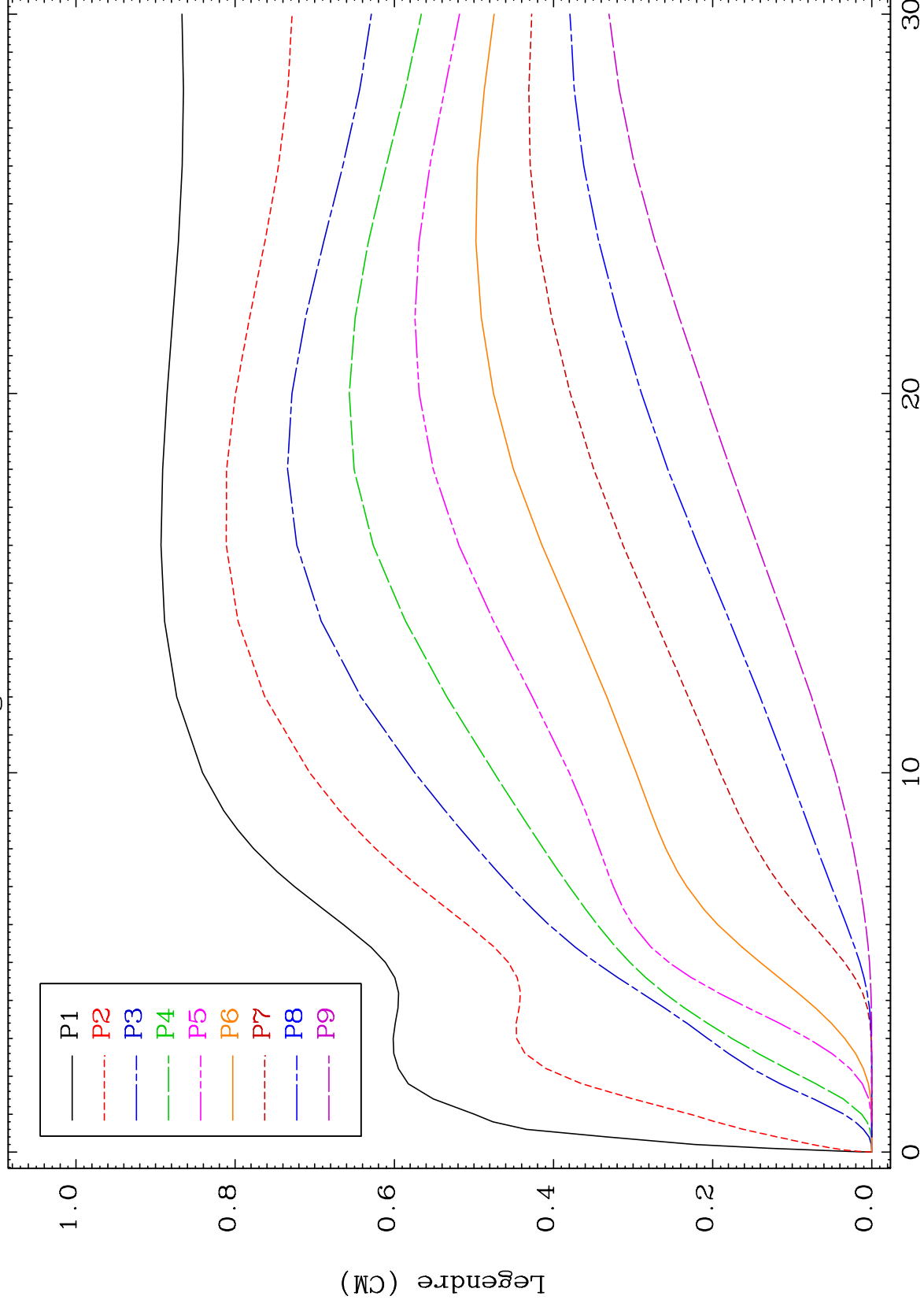


15

MAT 4513

Elastic Legendre Coefficients

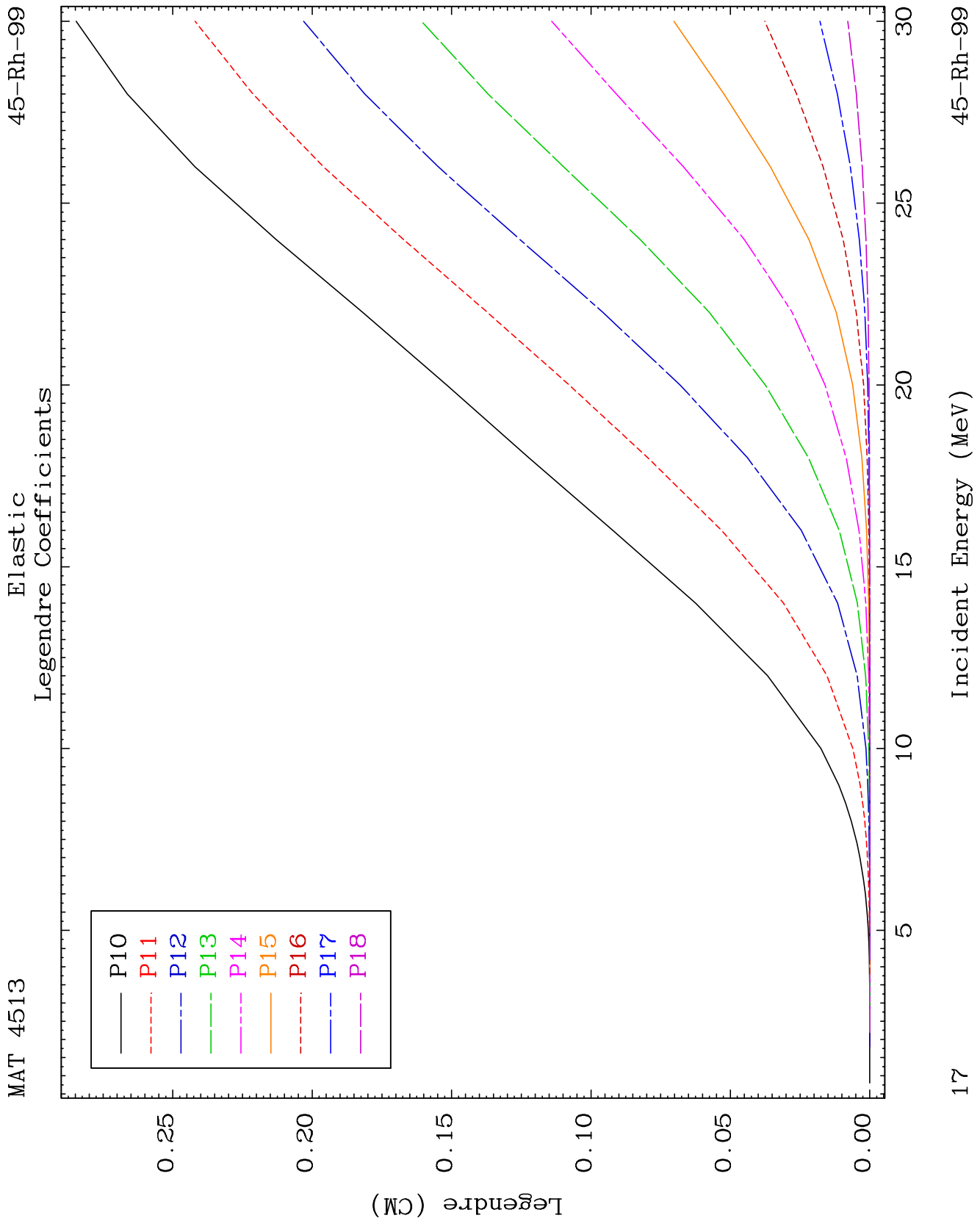
45-Rh-99



16

Incident Energy (MeV)

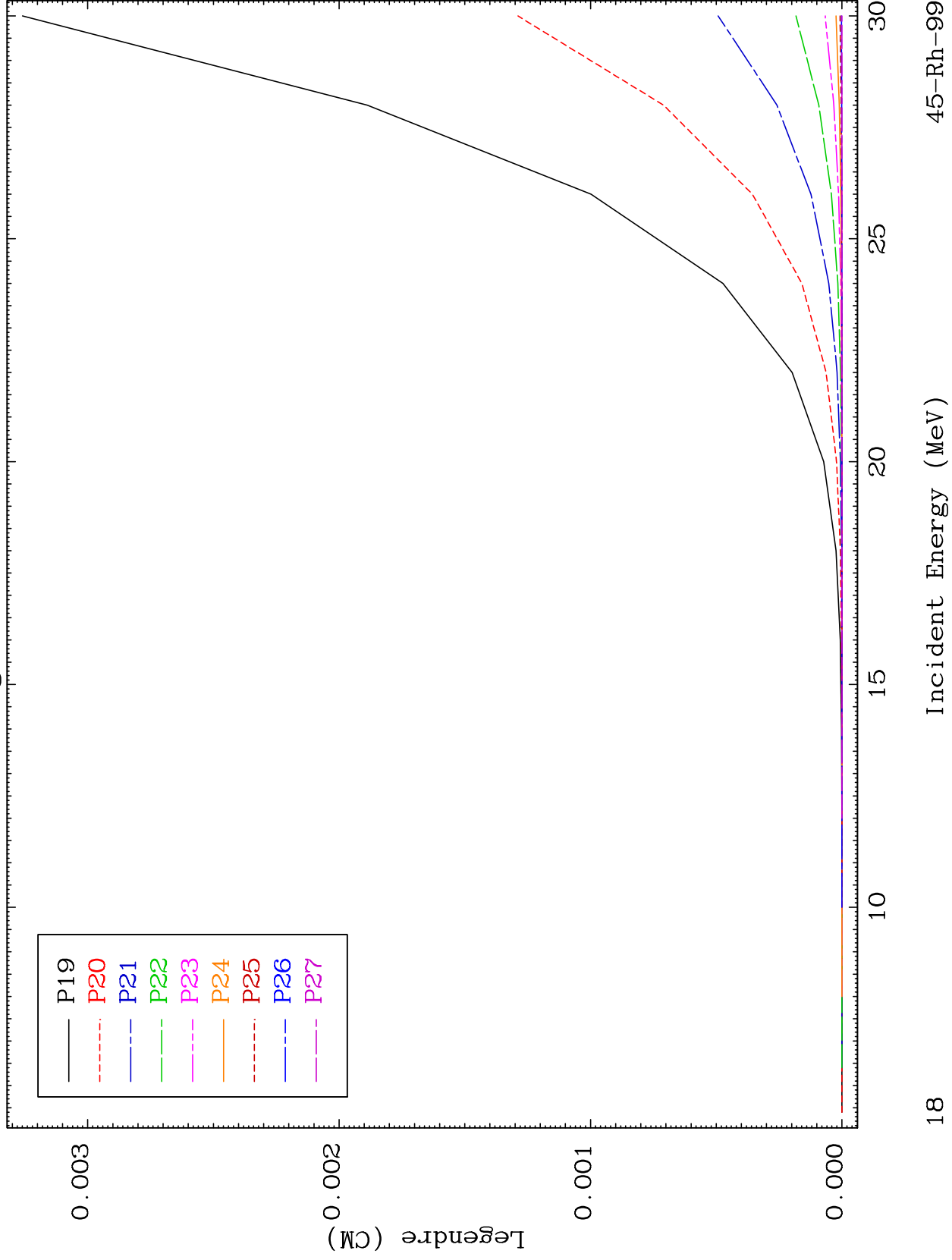
45-Rh-99



MAT 4513

Elastic Legendre Coefficients

45-Rh-99



18

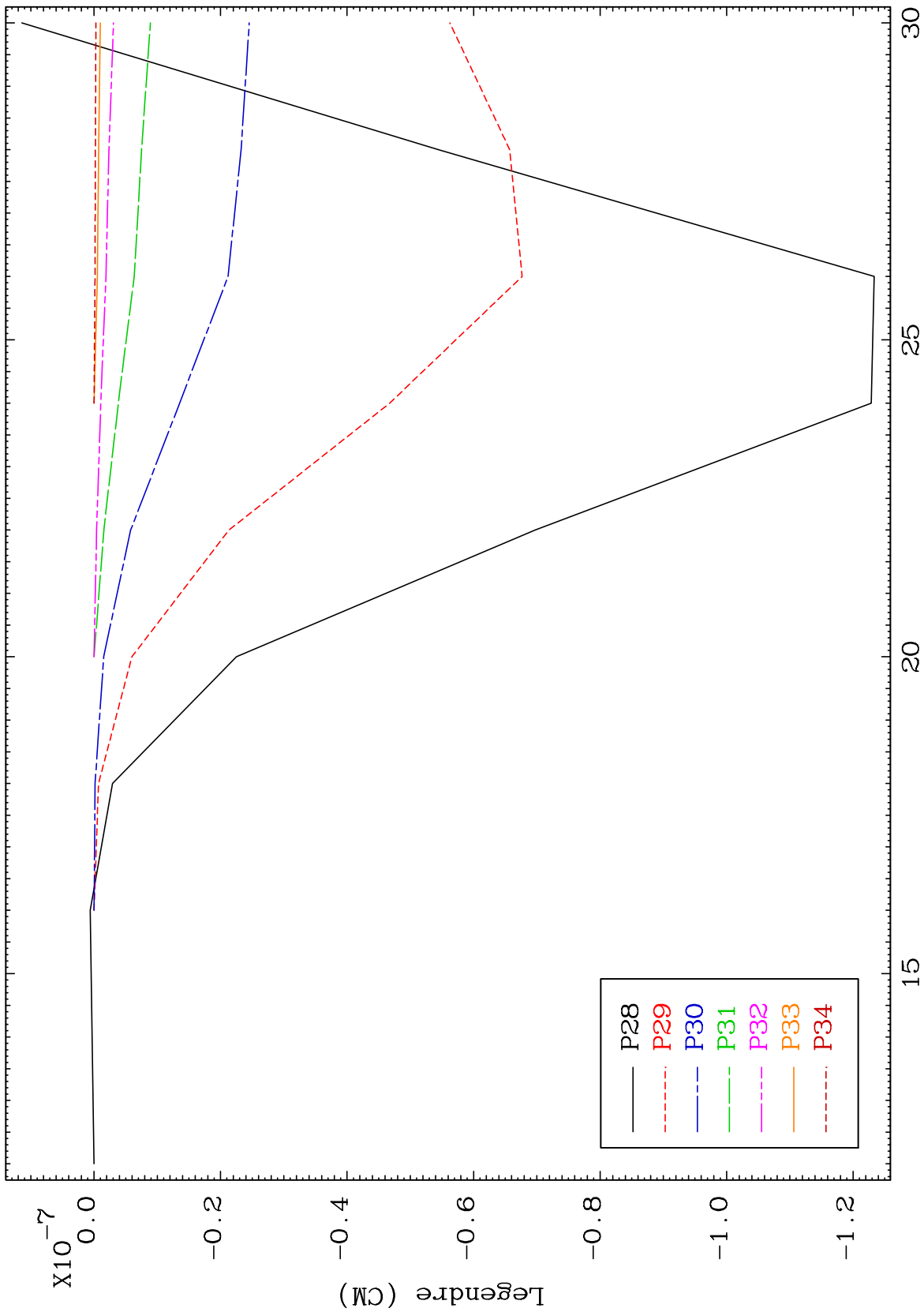
Incident Energy (MeV)

45-Rh-99

MAT 4513

Elastic Legendre Coefficients

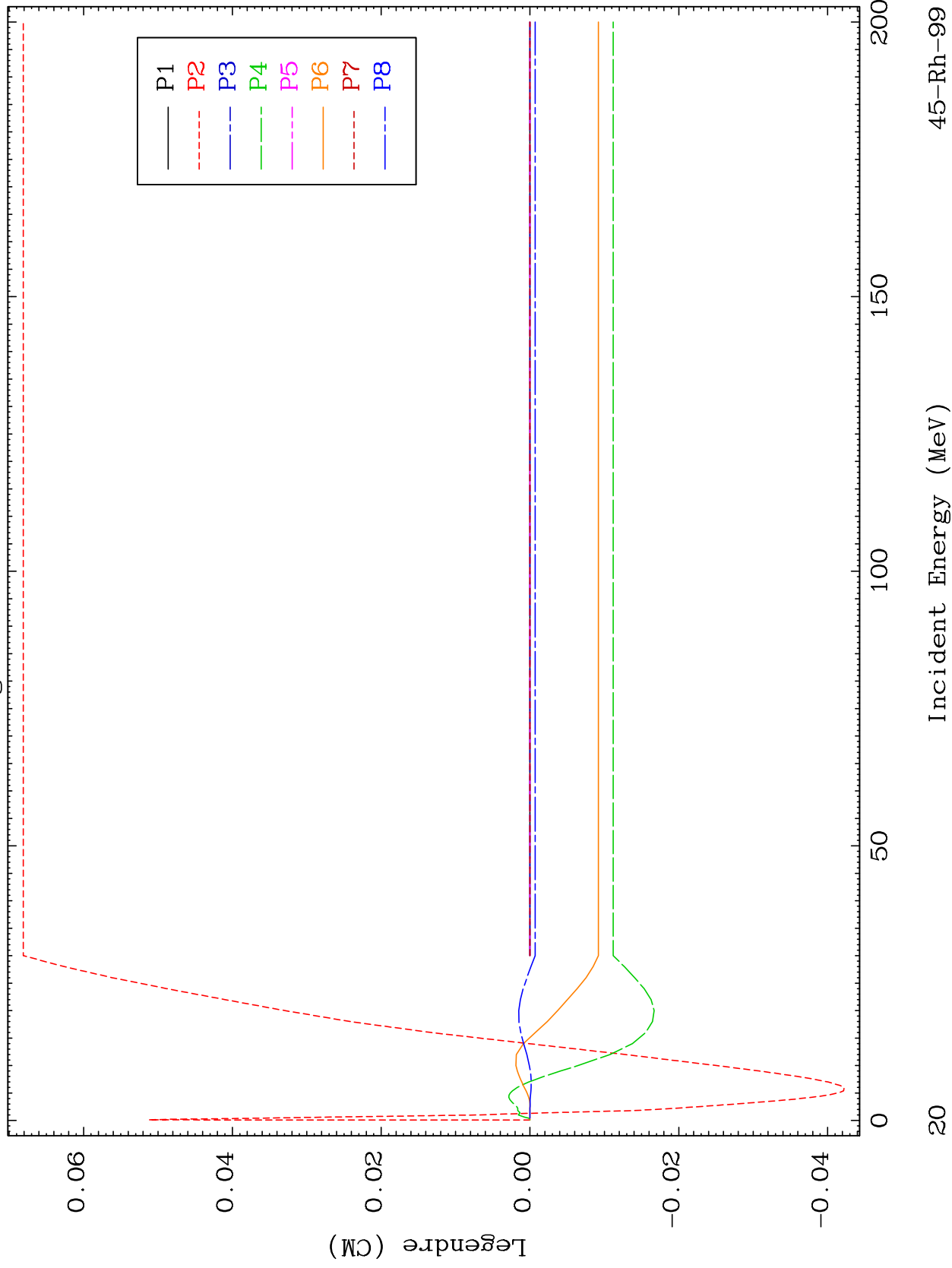
45-Rh-99



MAT 4513

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

45-Rh-99

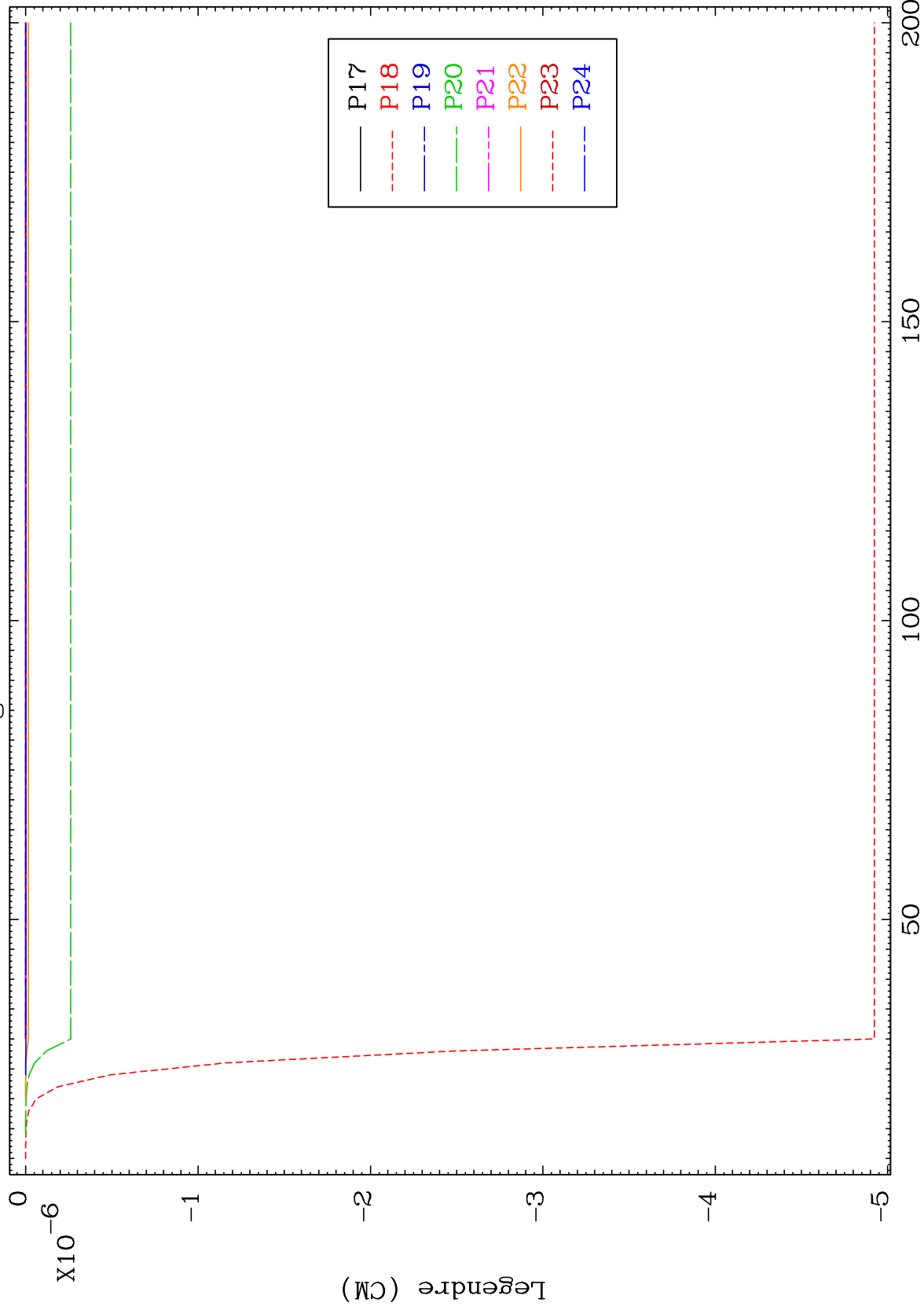


45-Rh-99

MAT 4513

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

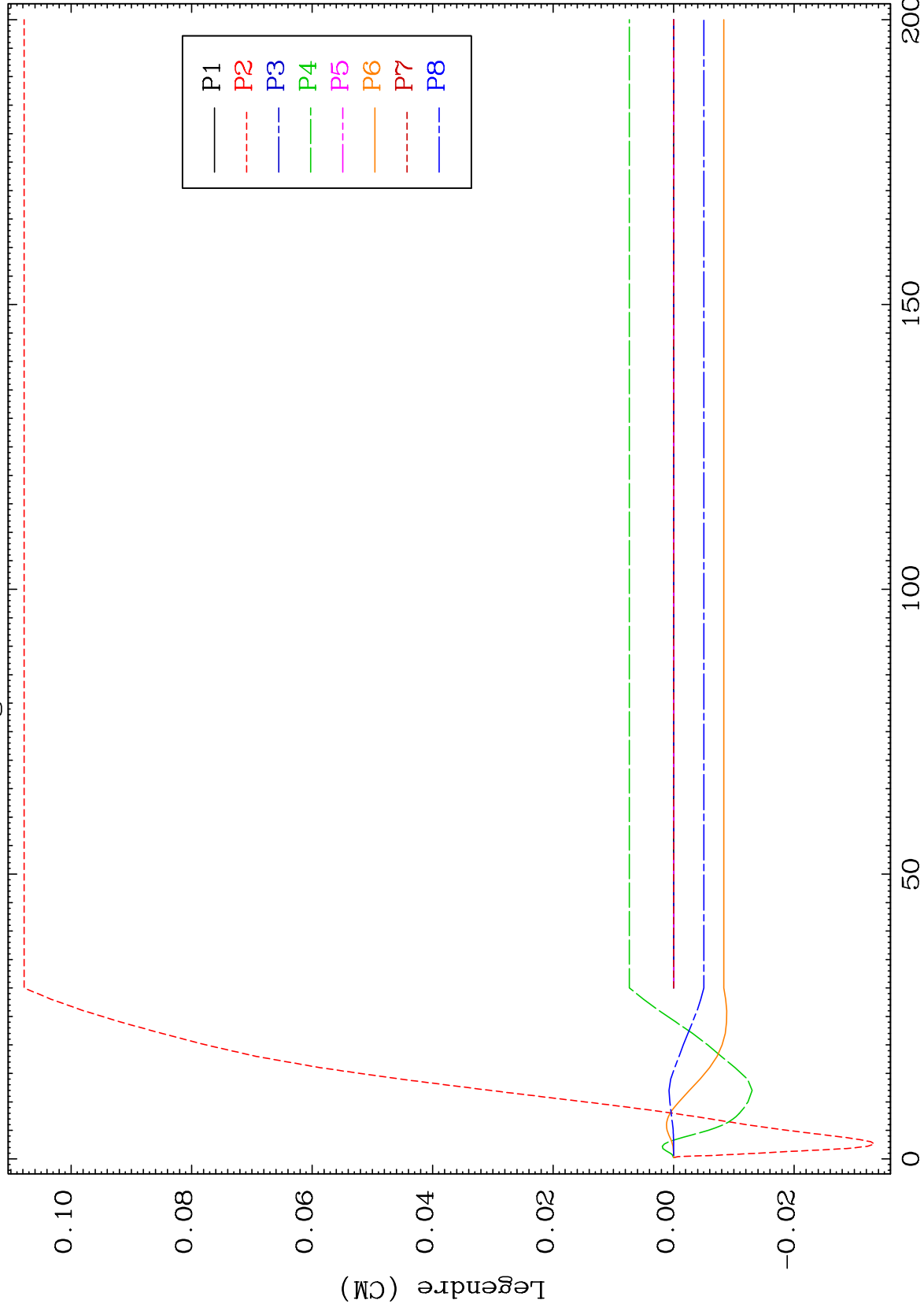
45-Rh-99



MAT 4513

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

45-Rh-99



23

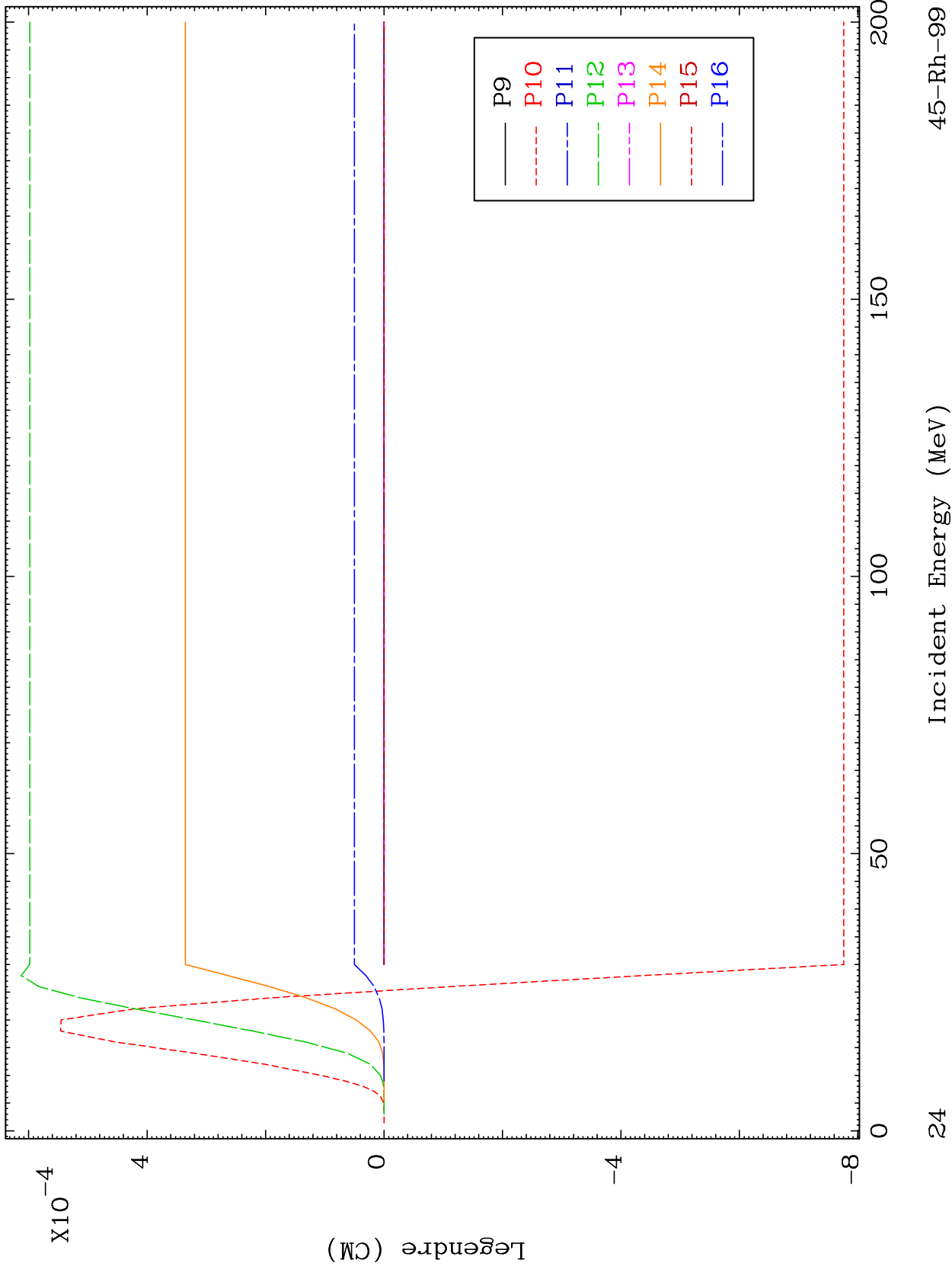
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



24

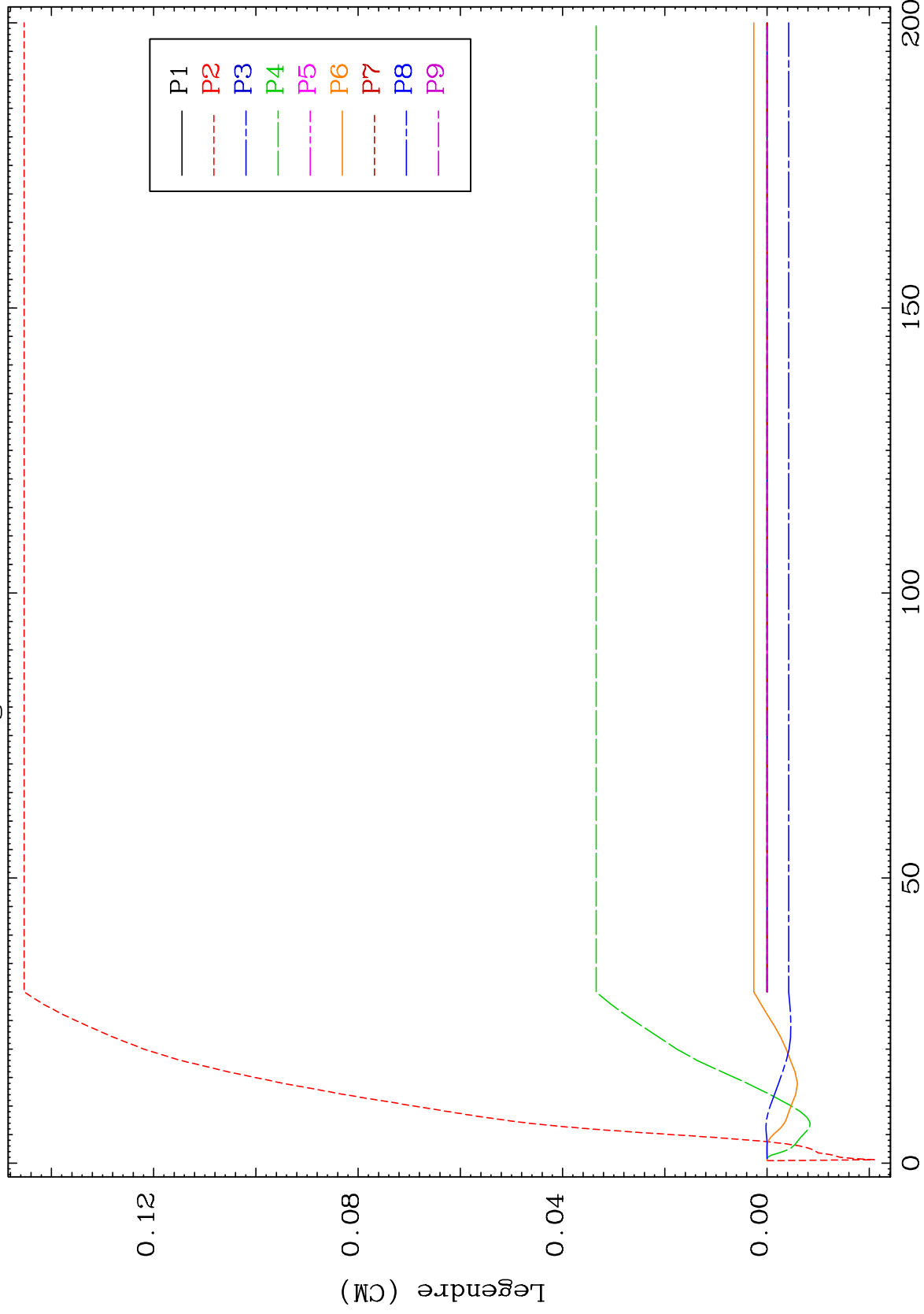
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



26

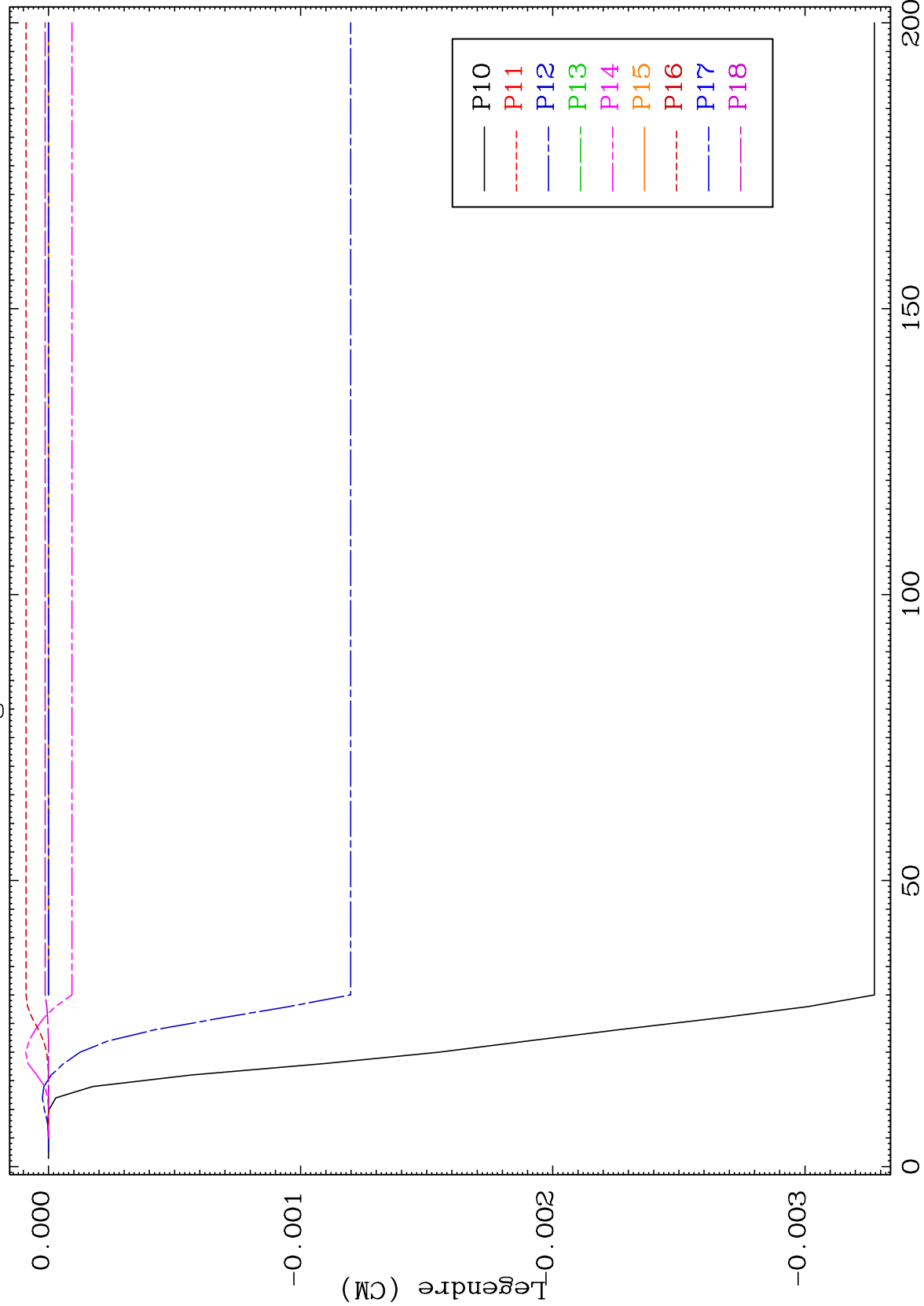
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



27

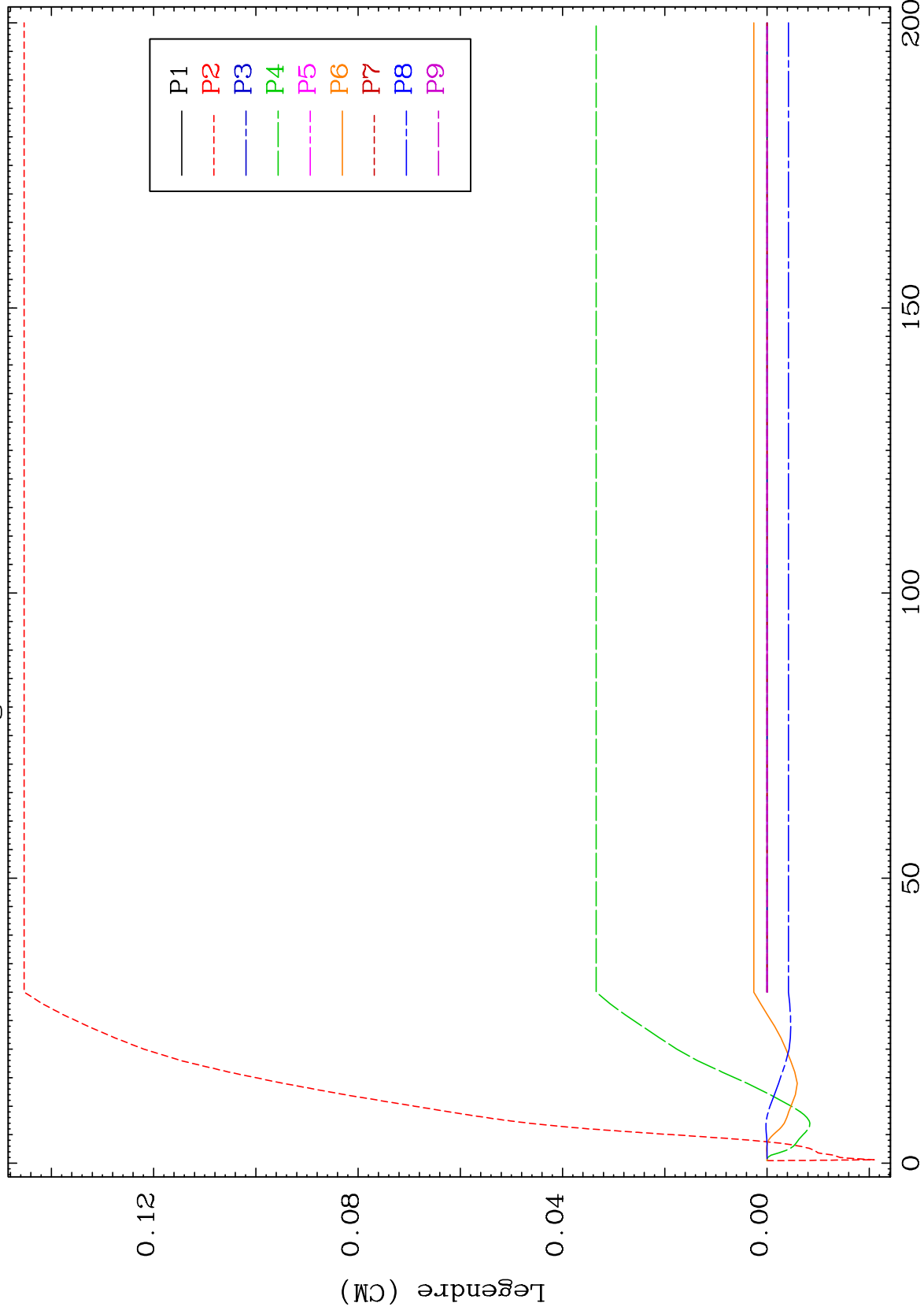
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



45-Rh-99

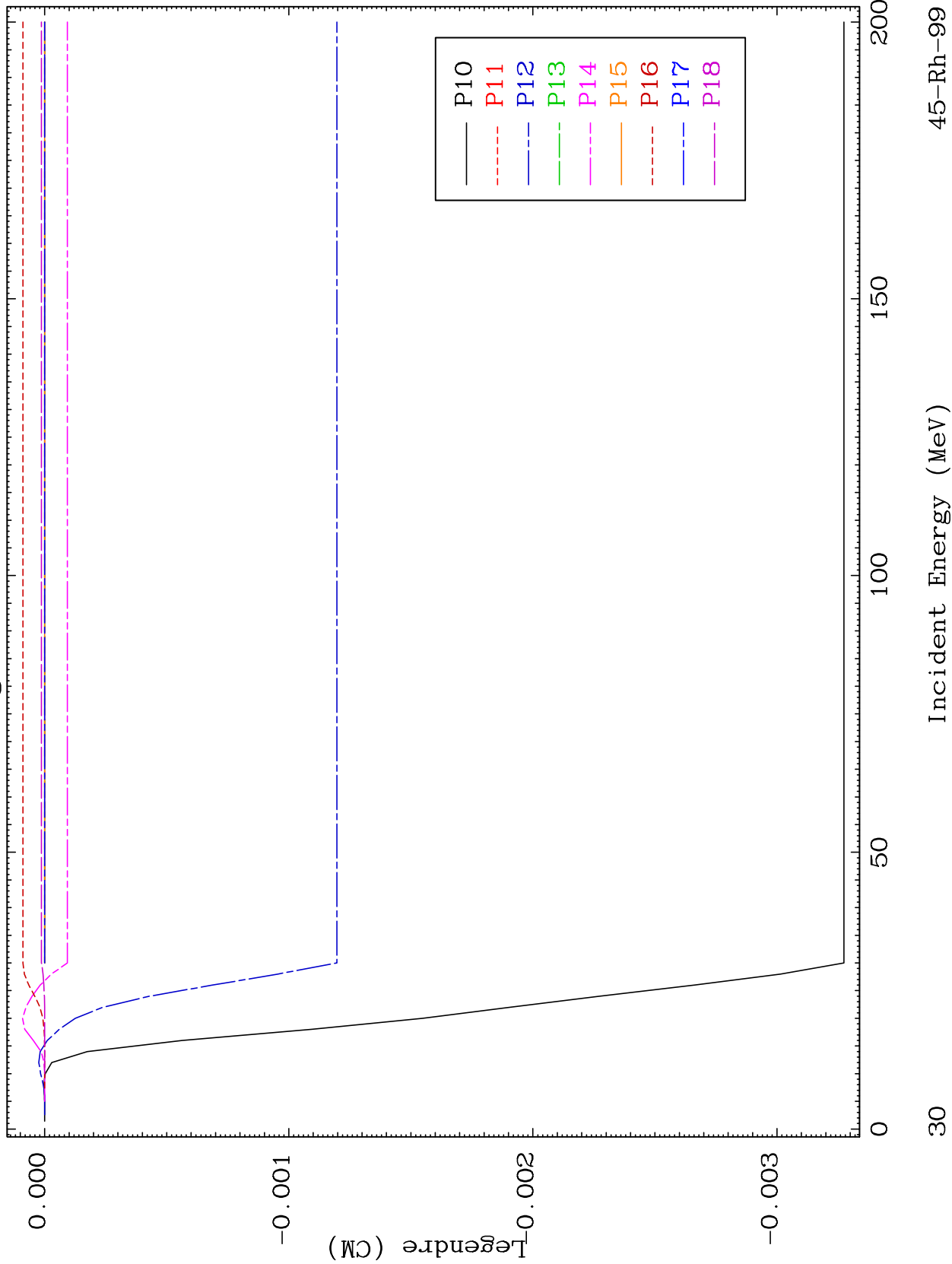
Incident Energy (MeV)

29

MAT 4513

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

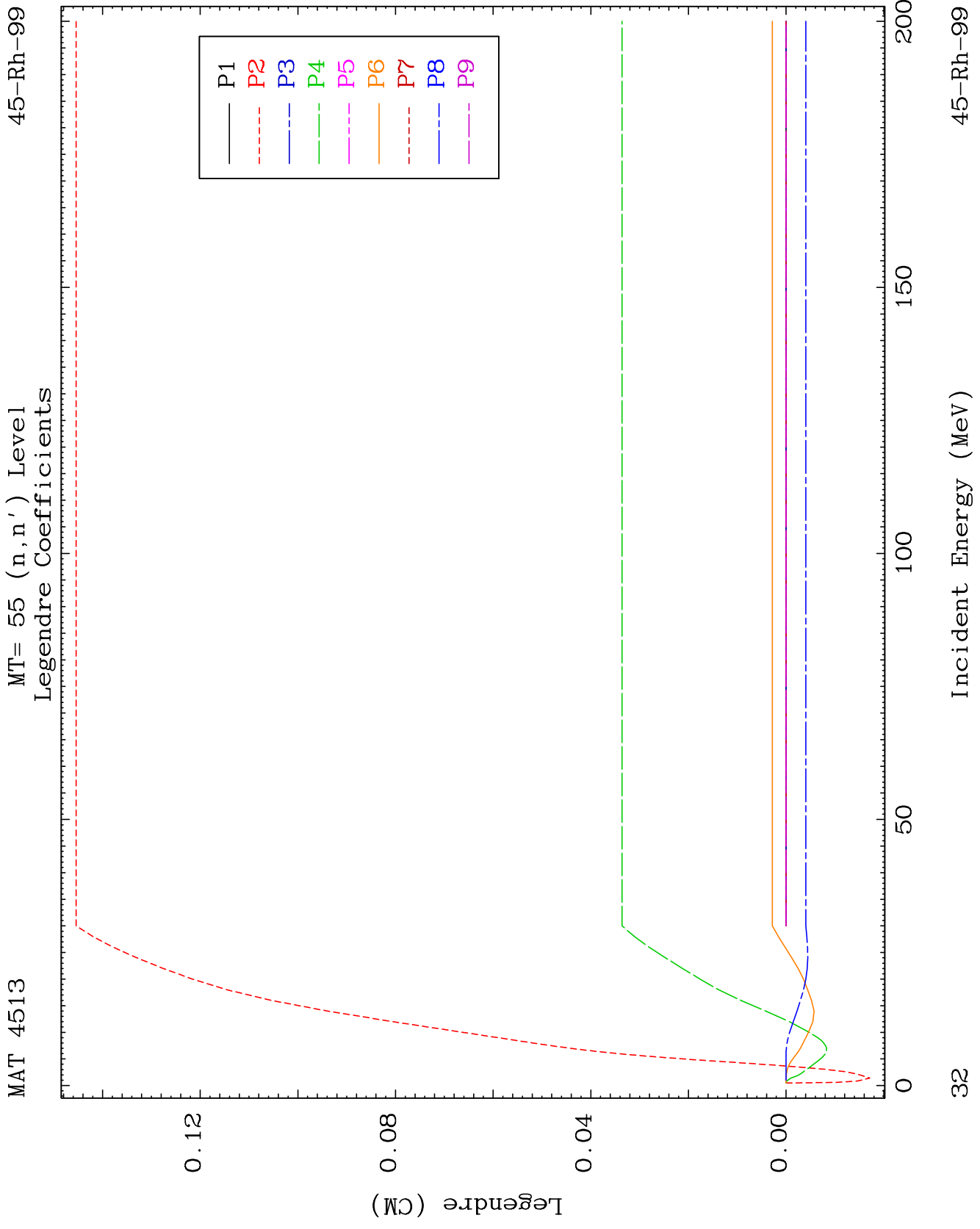
45-Rh-99



45-Rh-99

Incident Energy (MeV)

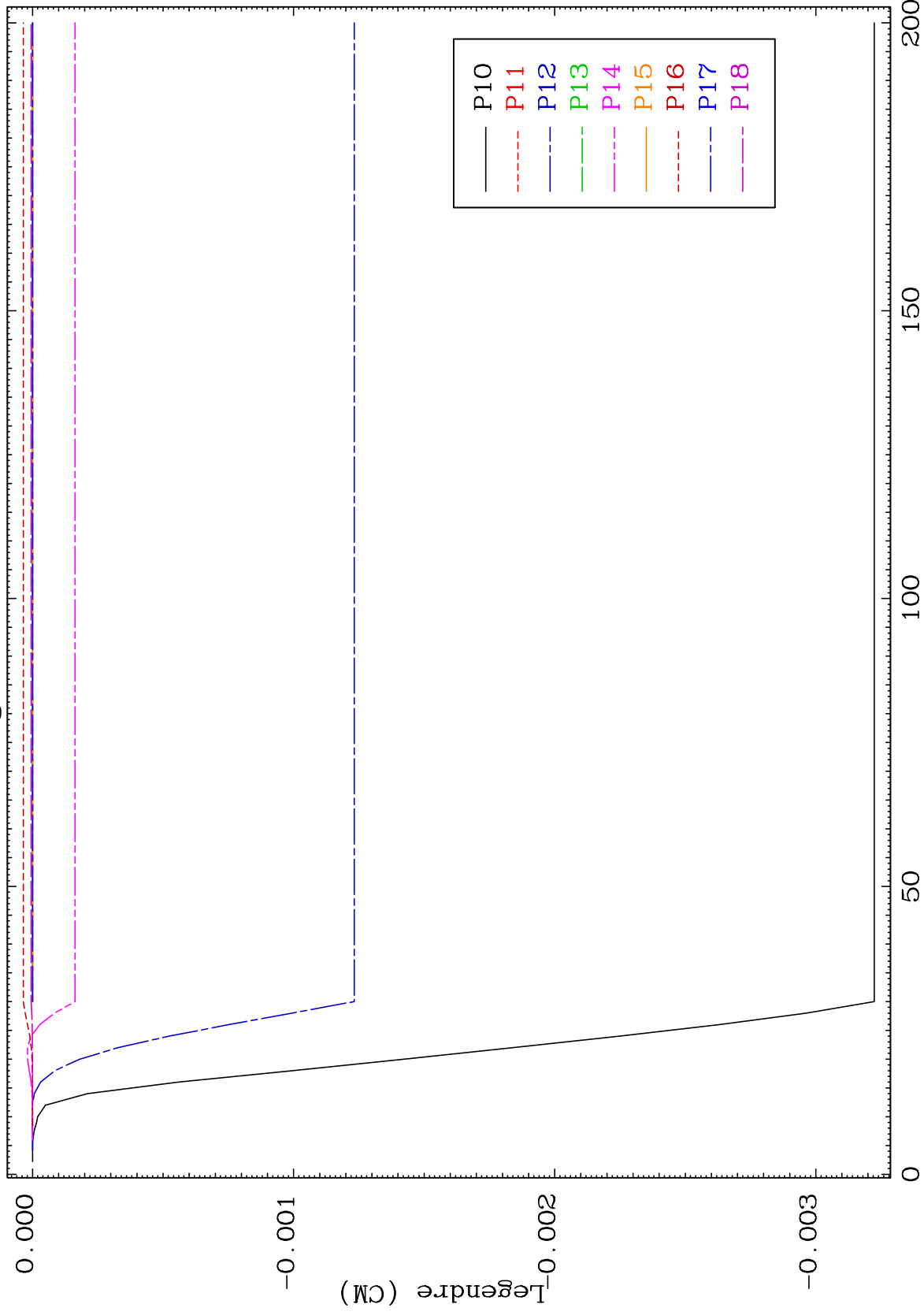
30



MAT 4513

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

45-Rh-99



33

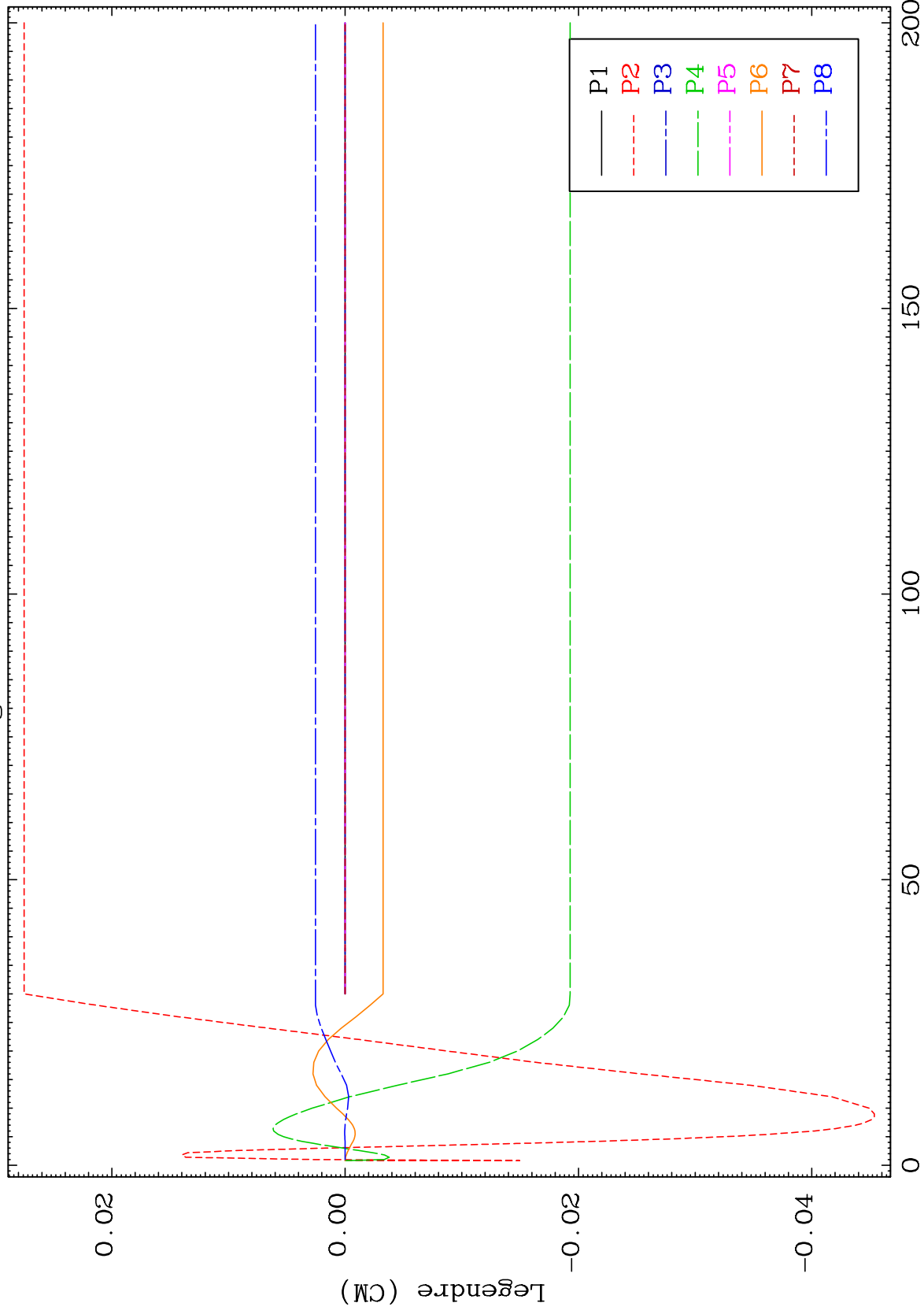
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



45-Rh-99

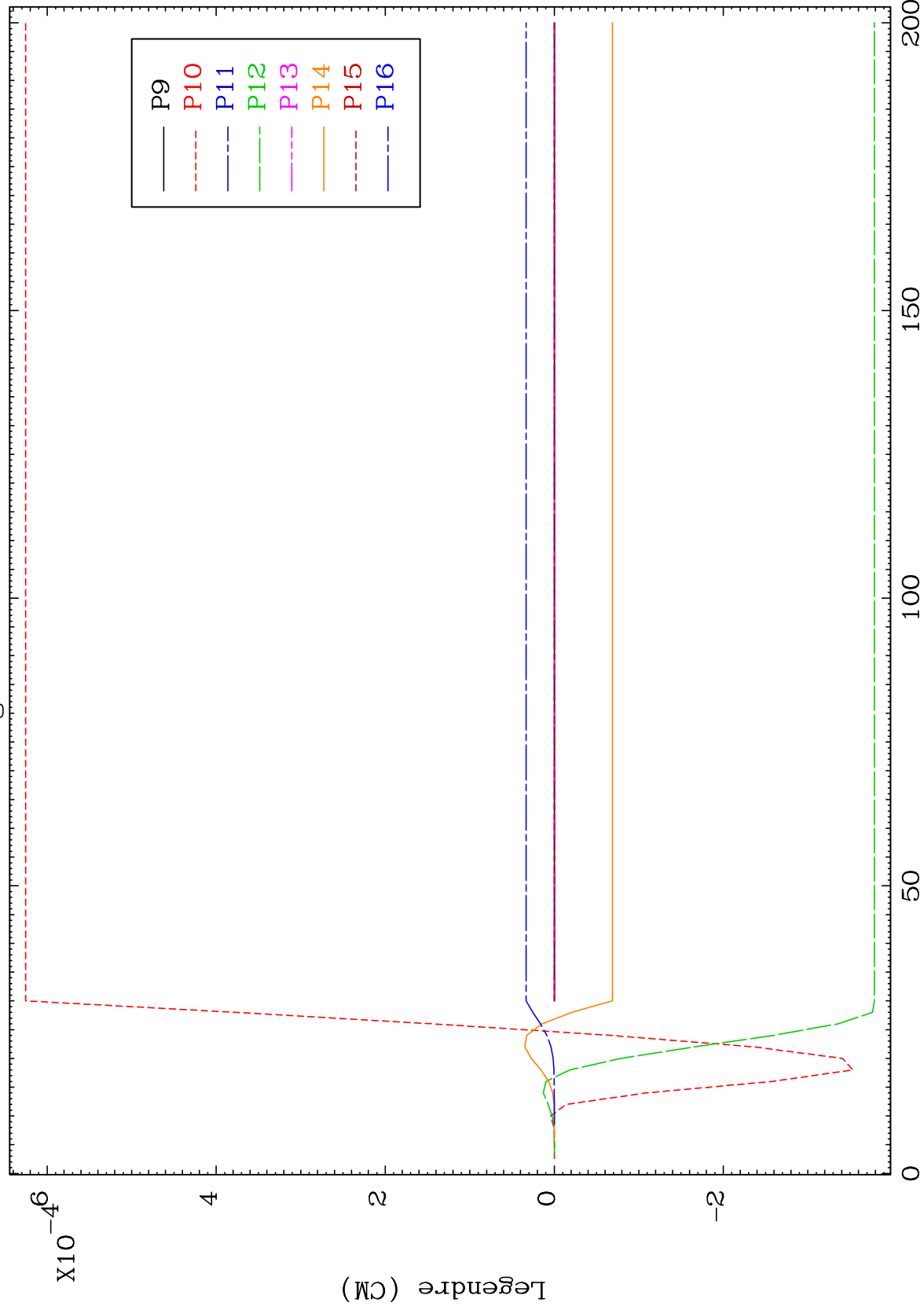
Incident Energy (MeV)

35

MAT 4513

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

45-Rh-99



36

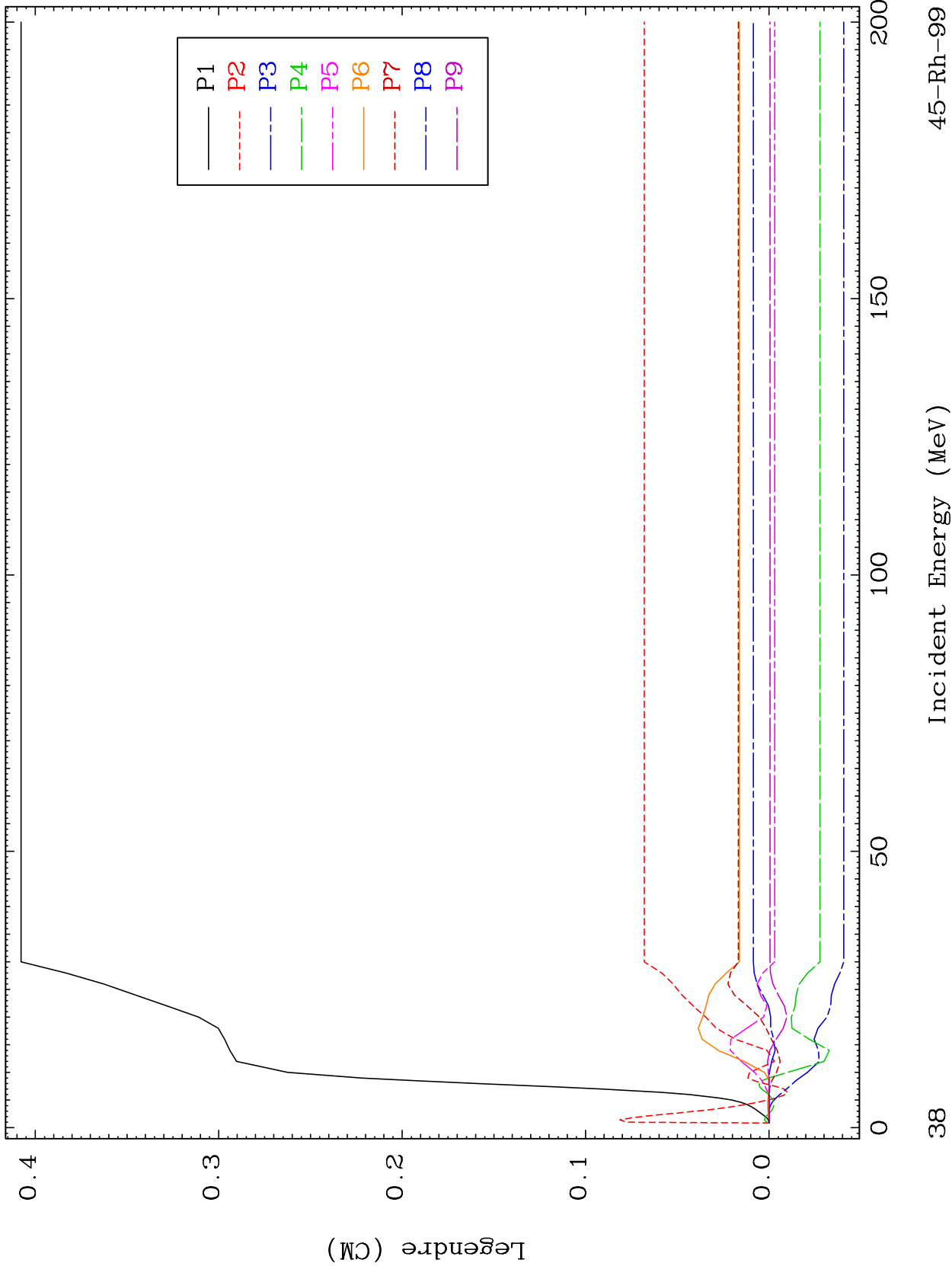
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



45-Rh-99

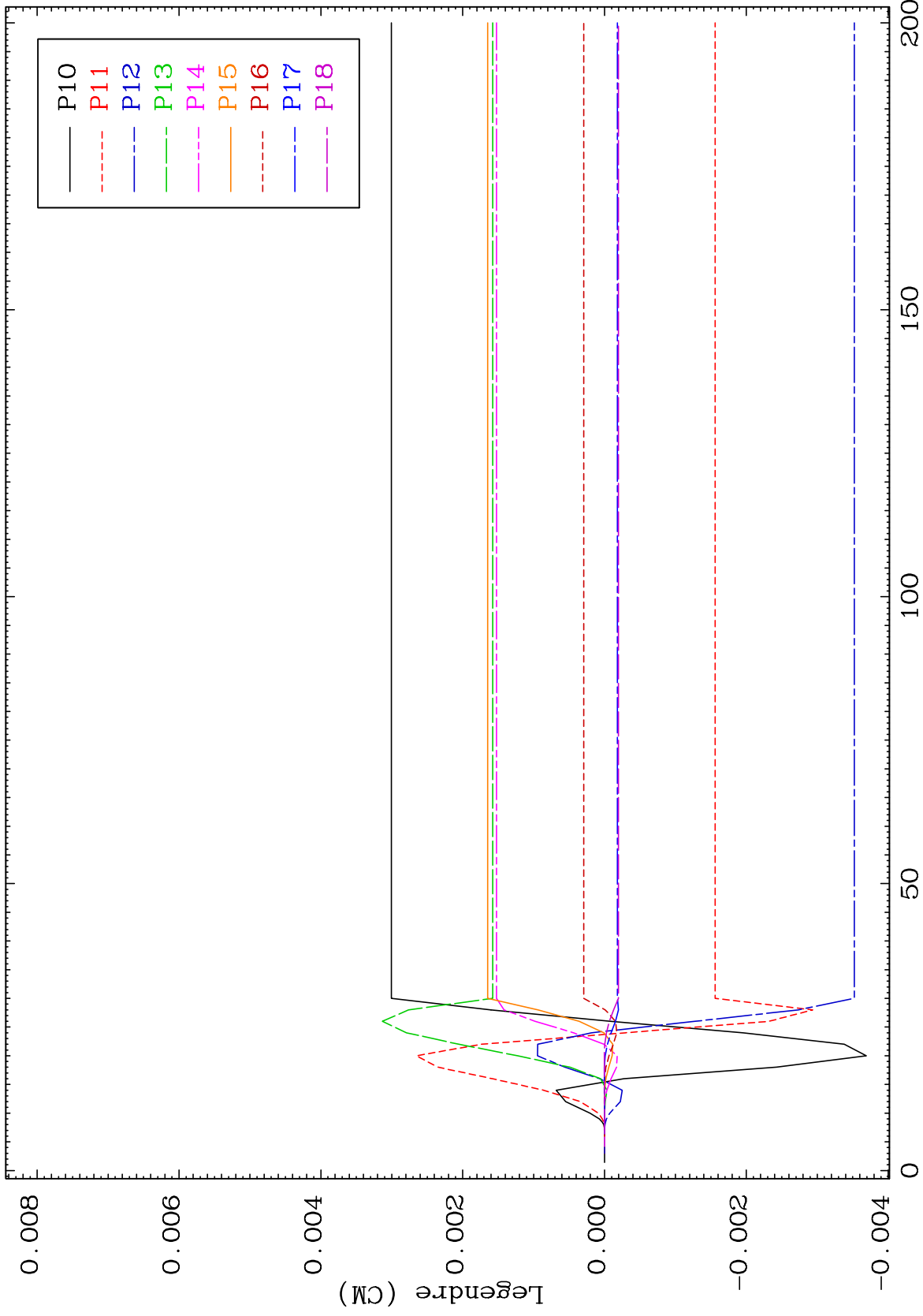
Incident Energy (MeV)

38

MAT 4513

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

45-Rh-99



39

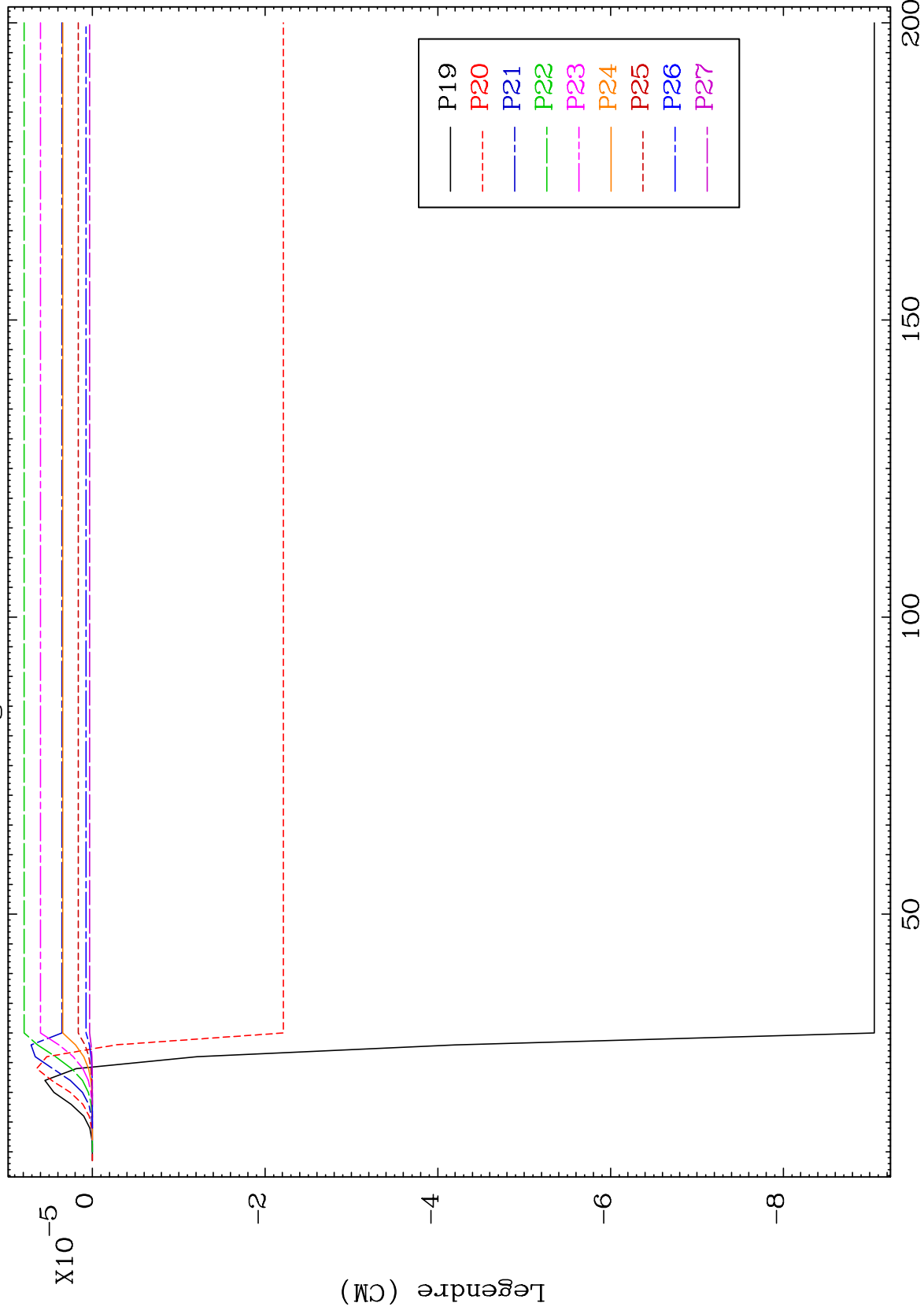
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



40

Incident Energy (MeV)

50

100

150

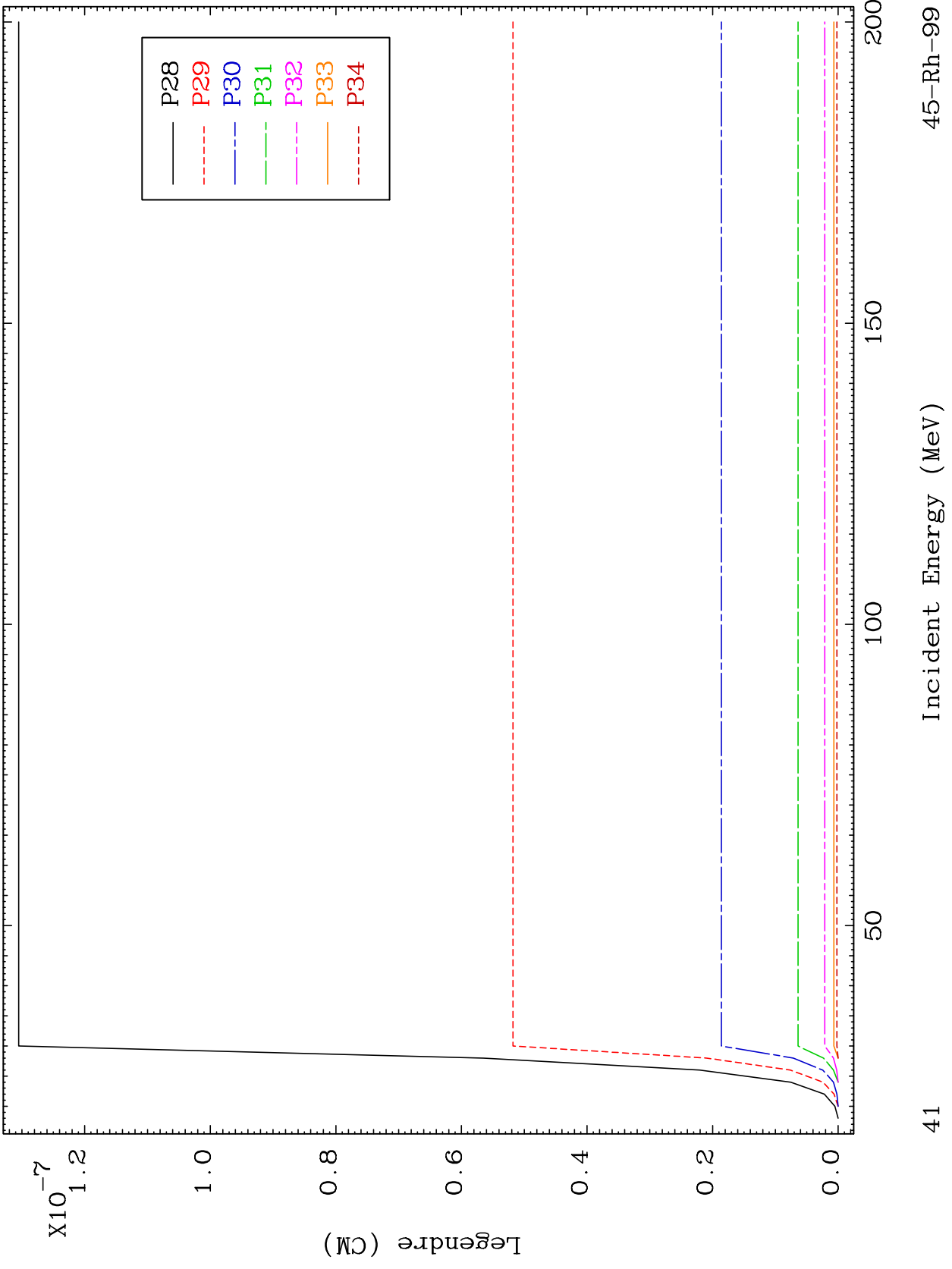
200

45-Rh-99

MAT 4513

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

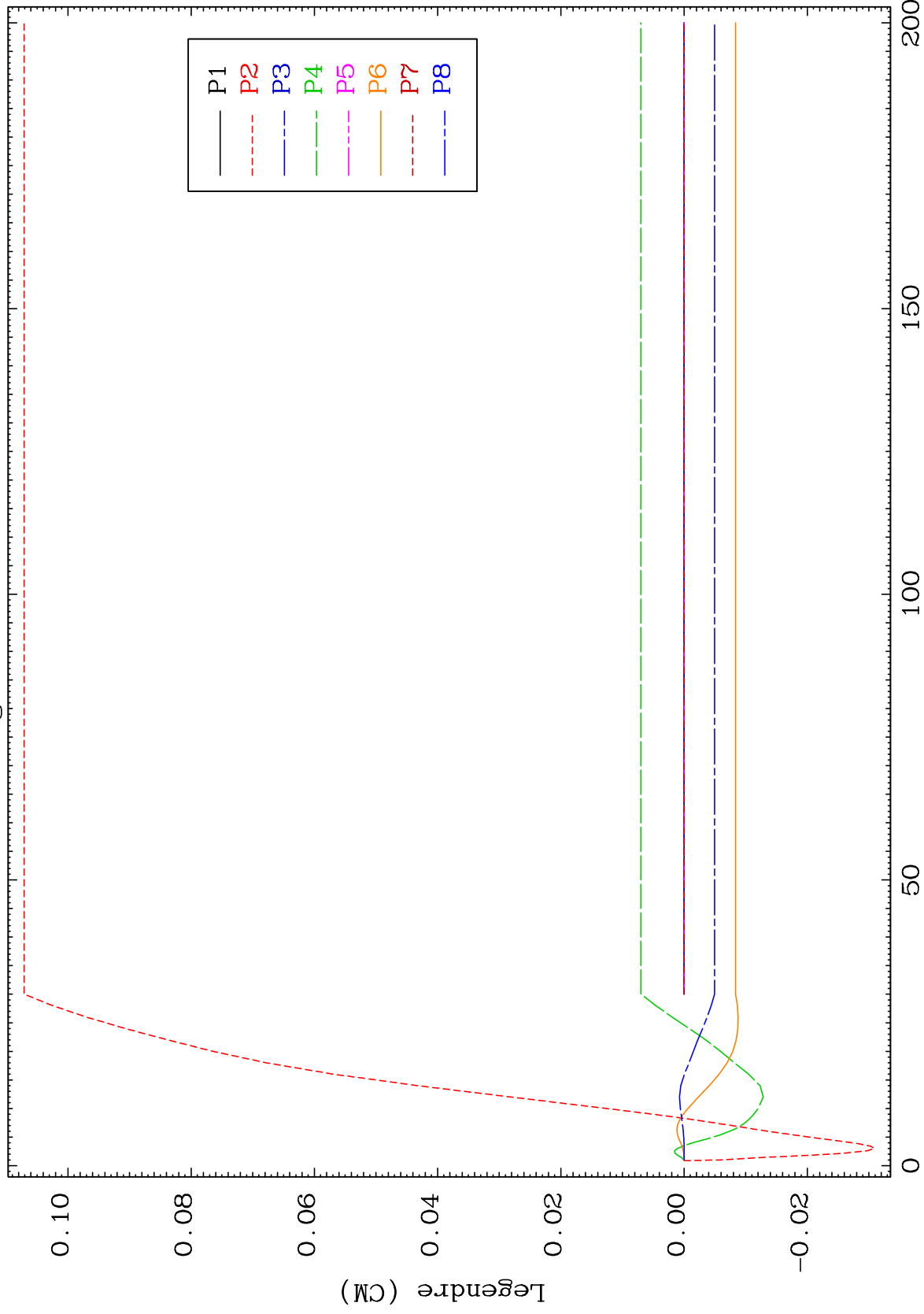
45-Rh-99



MAT 4513

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

45-Rh-99



45-Rh-99

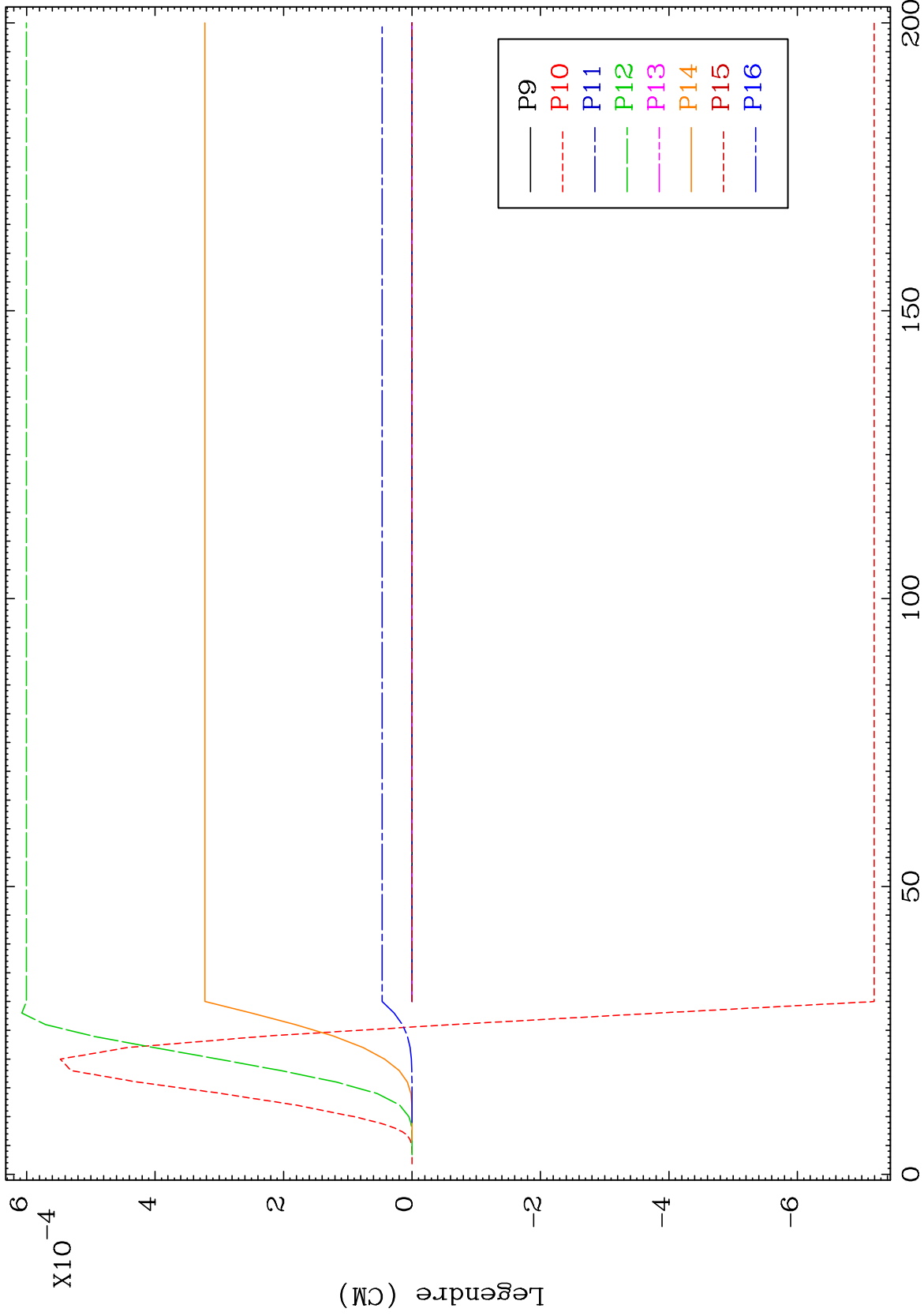
Incident Energy (MeV)

42

MAT 4513

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

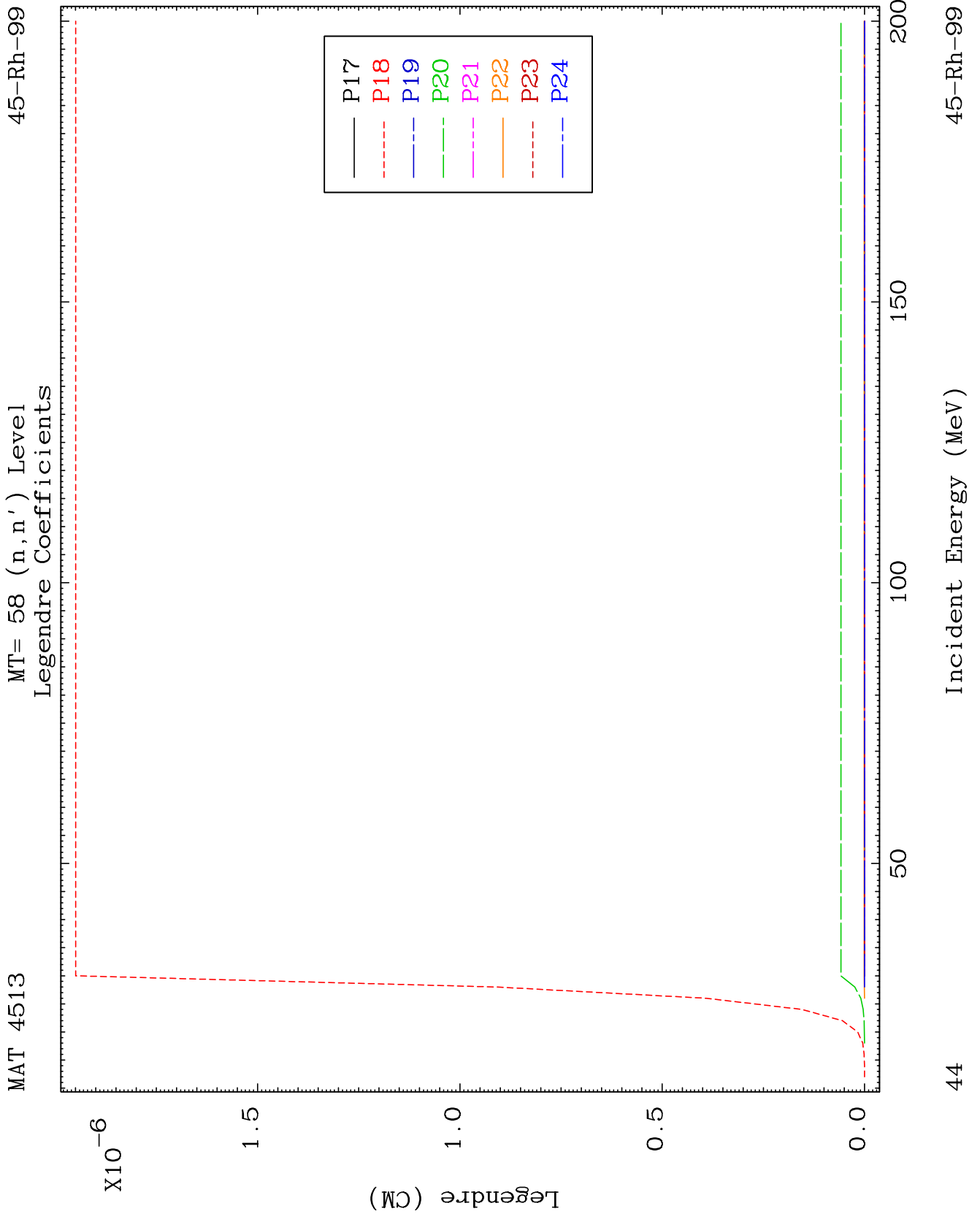
45-Rh-99

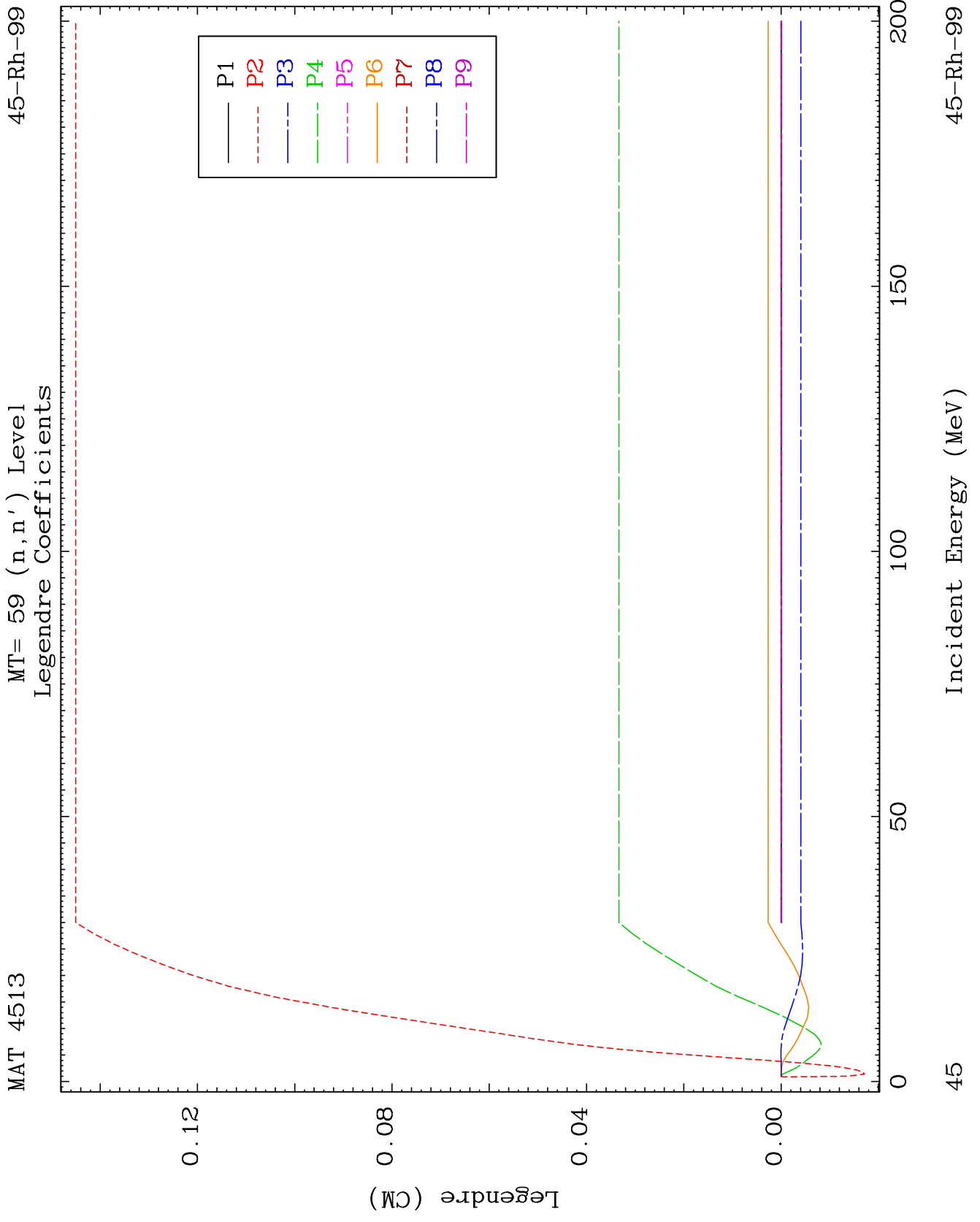


43

Incident Energy (MeV)

45-Rh-99

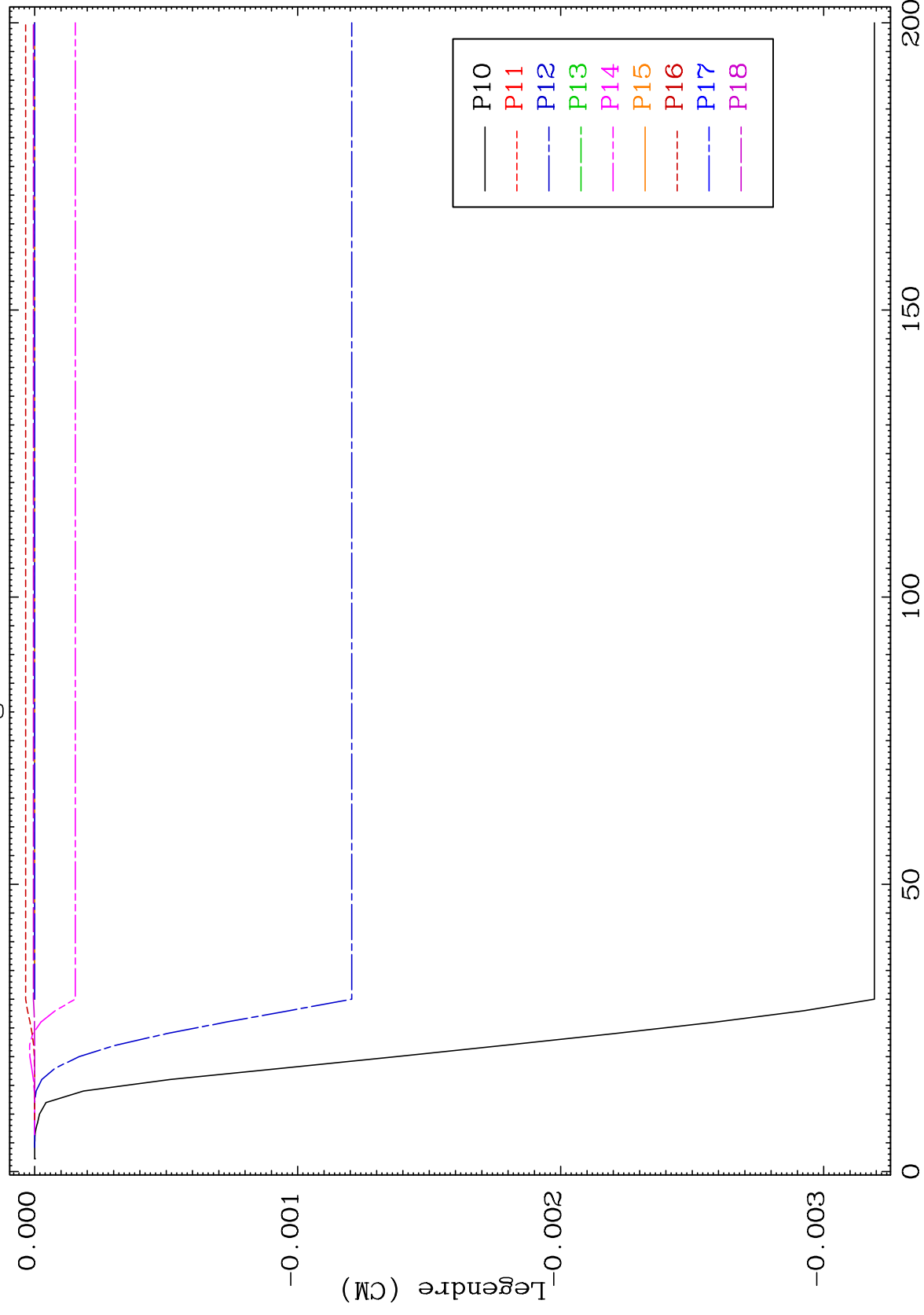




MAT 4513

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

45-Rh-99



46

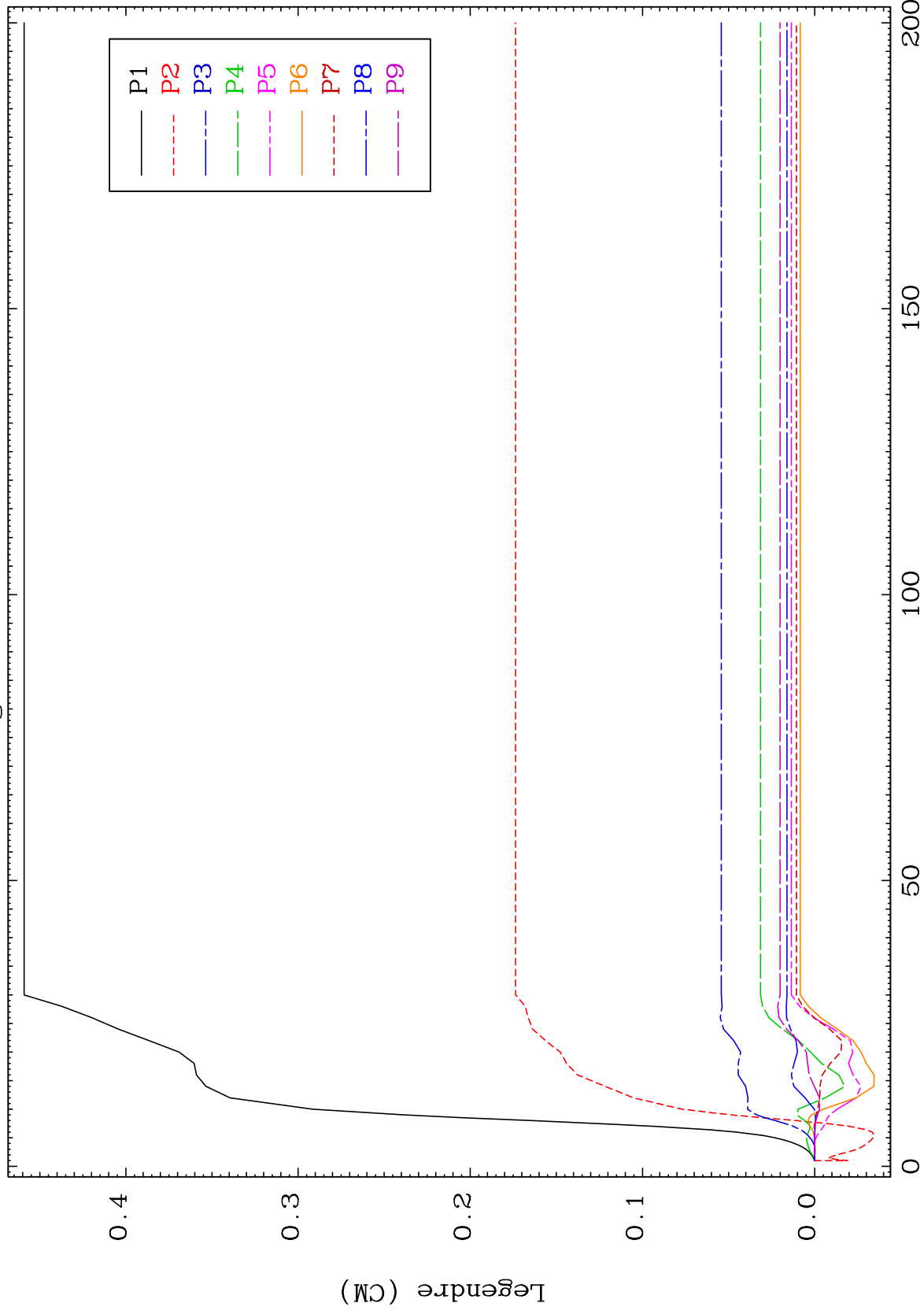
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



45-Rh-99

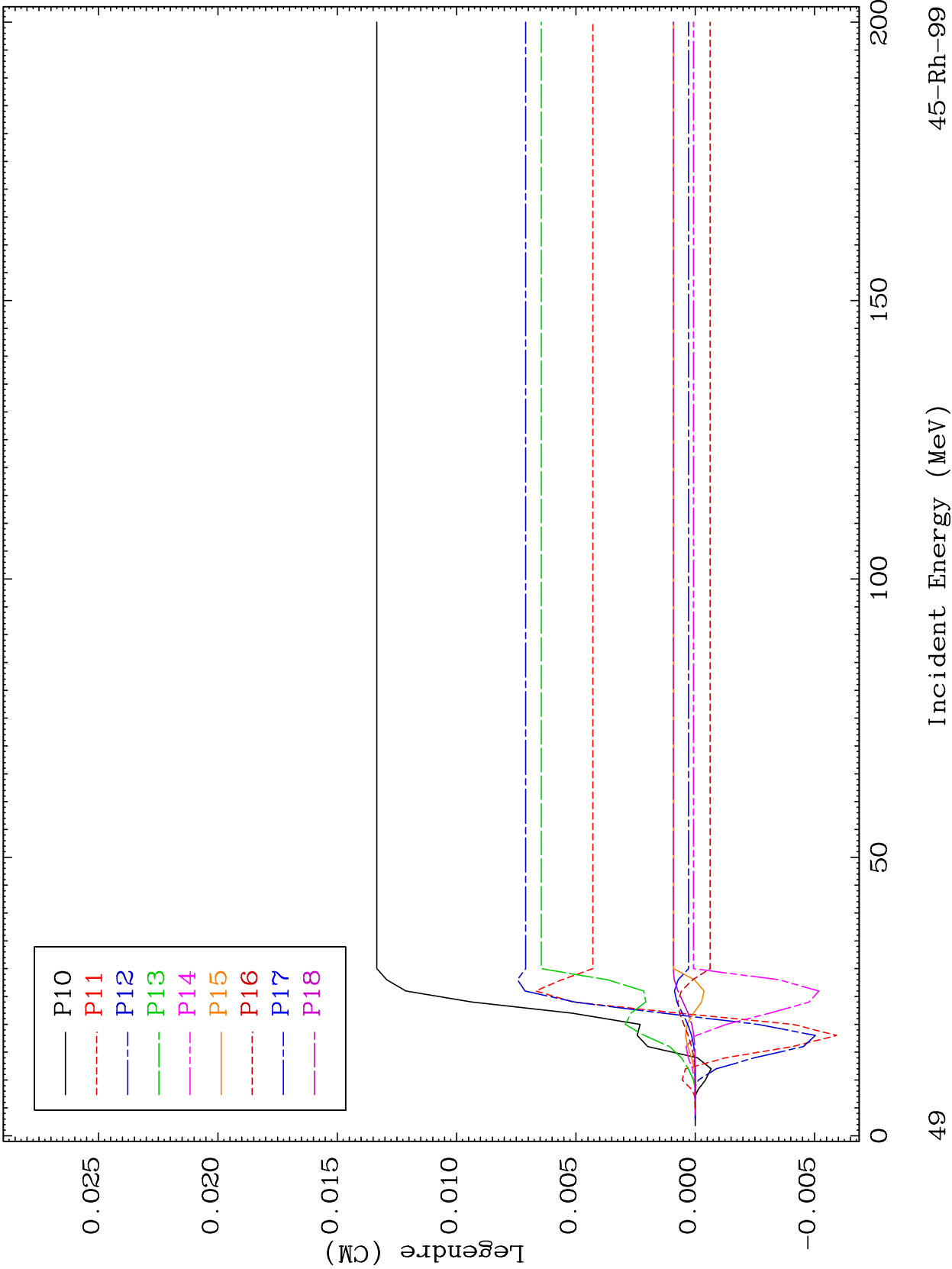
Incident Energy (MeV)

48

MAT 4513

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

45-Rh-99



45-Rh-99

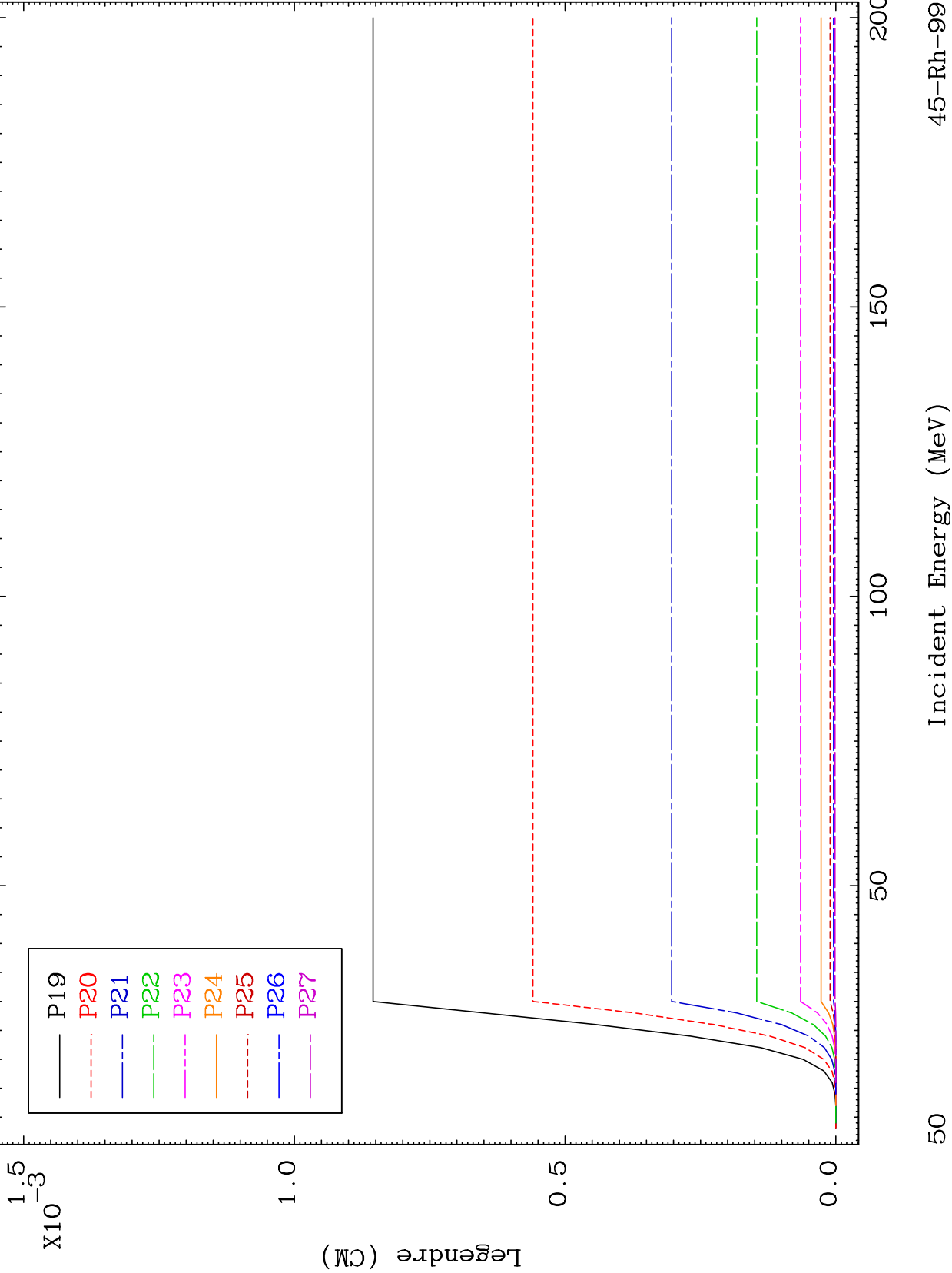
Incident Energy (MeV)

49

MAT 4513

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

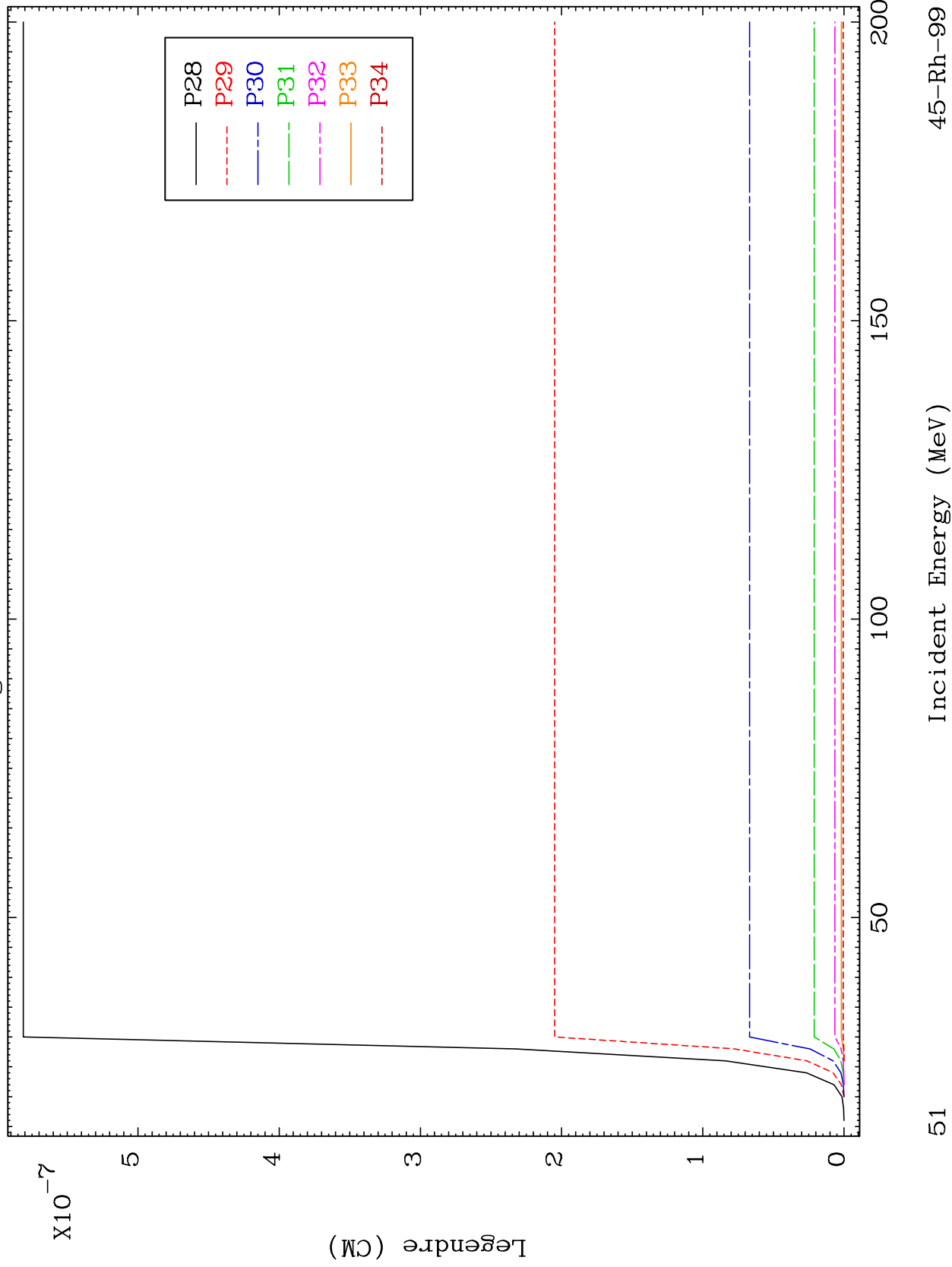
45-Rh-99



MAT 4513

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

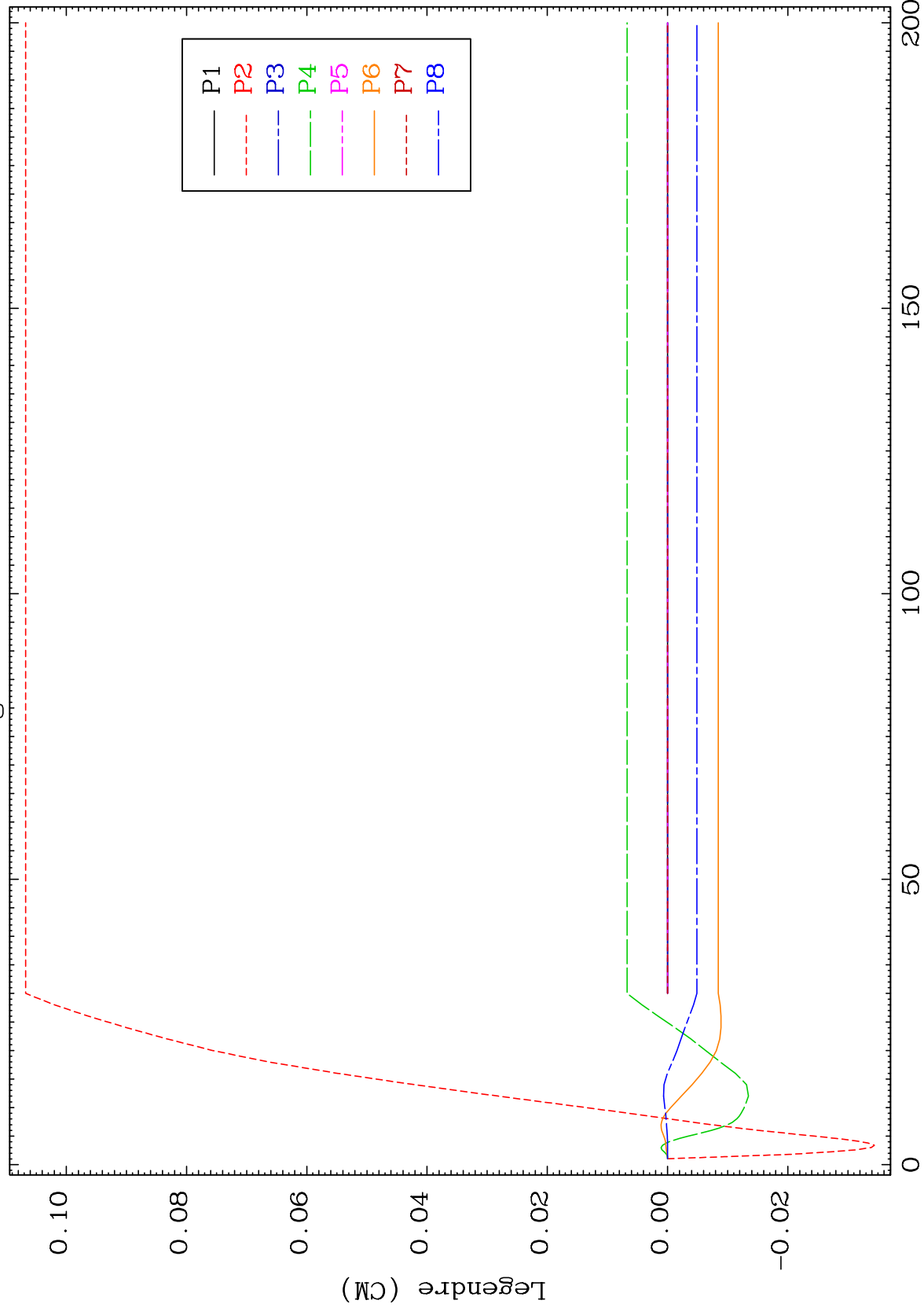
45-Rh-99



MAT 4513

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

45-Rh-99



45-Rh-99

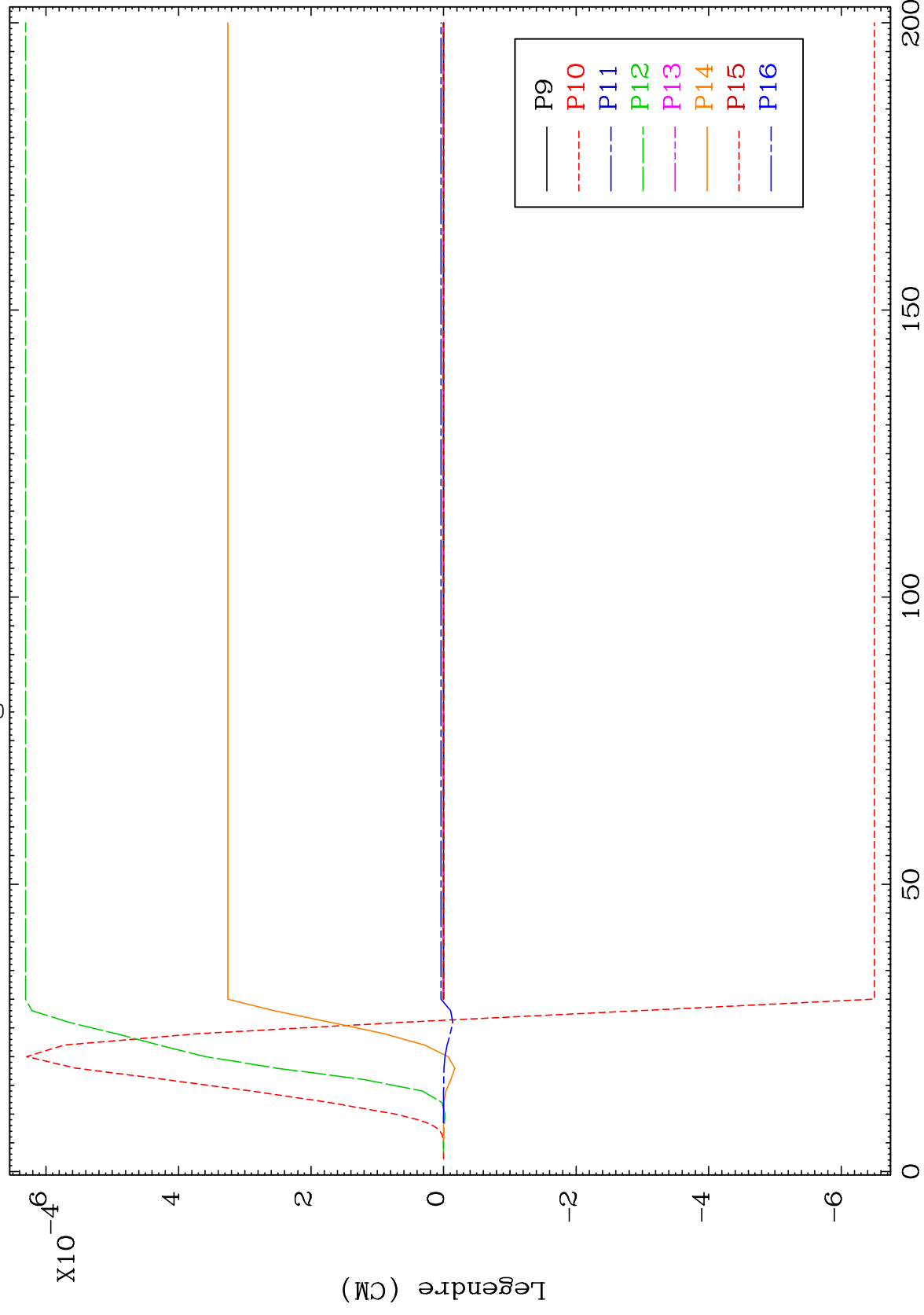
Incident Energy (MeV)

52

MAT 4513

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

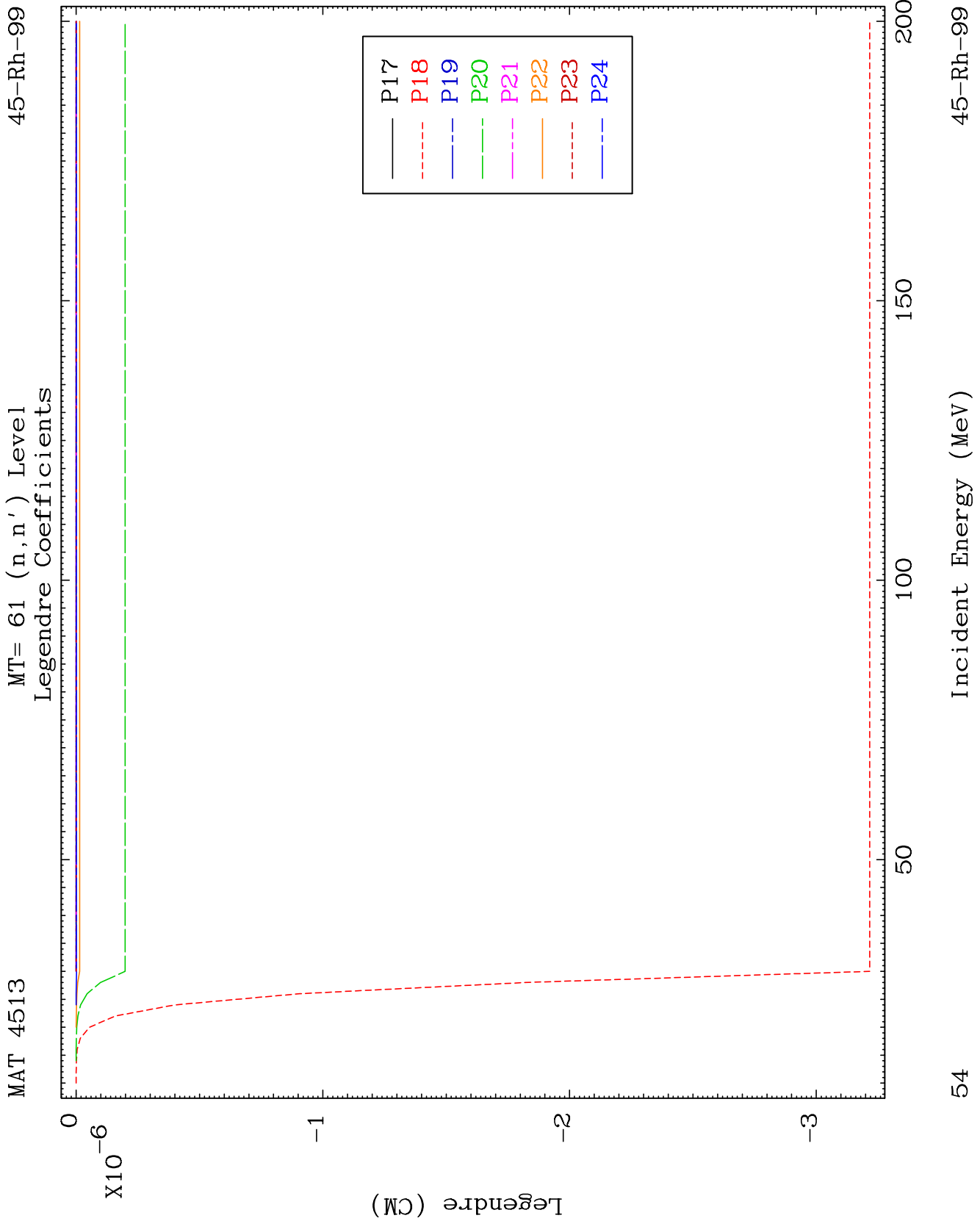
45-Rh-99



53

Incident Energy (MeV)

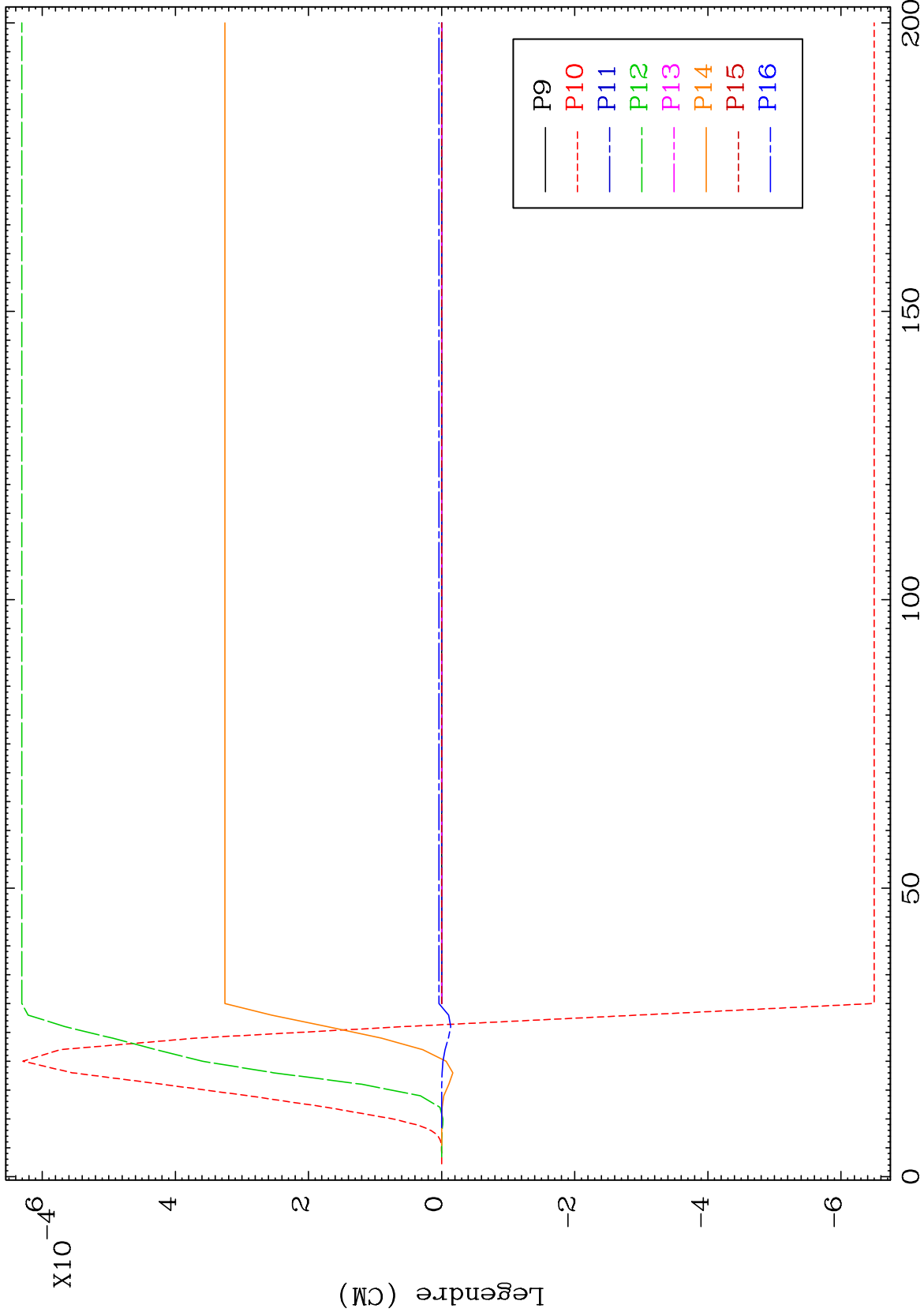
45-Rh-99



MAT 4513

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

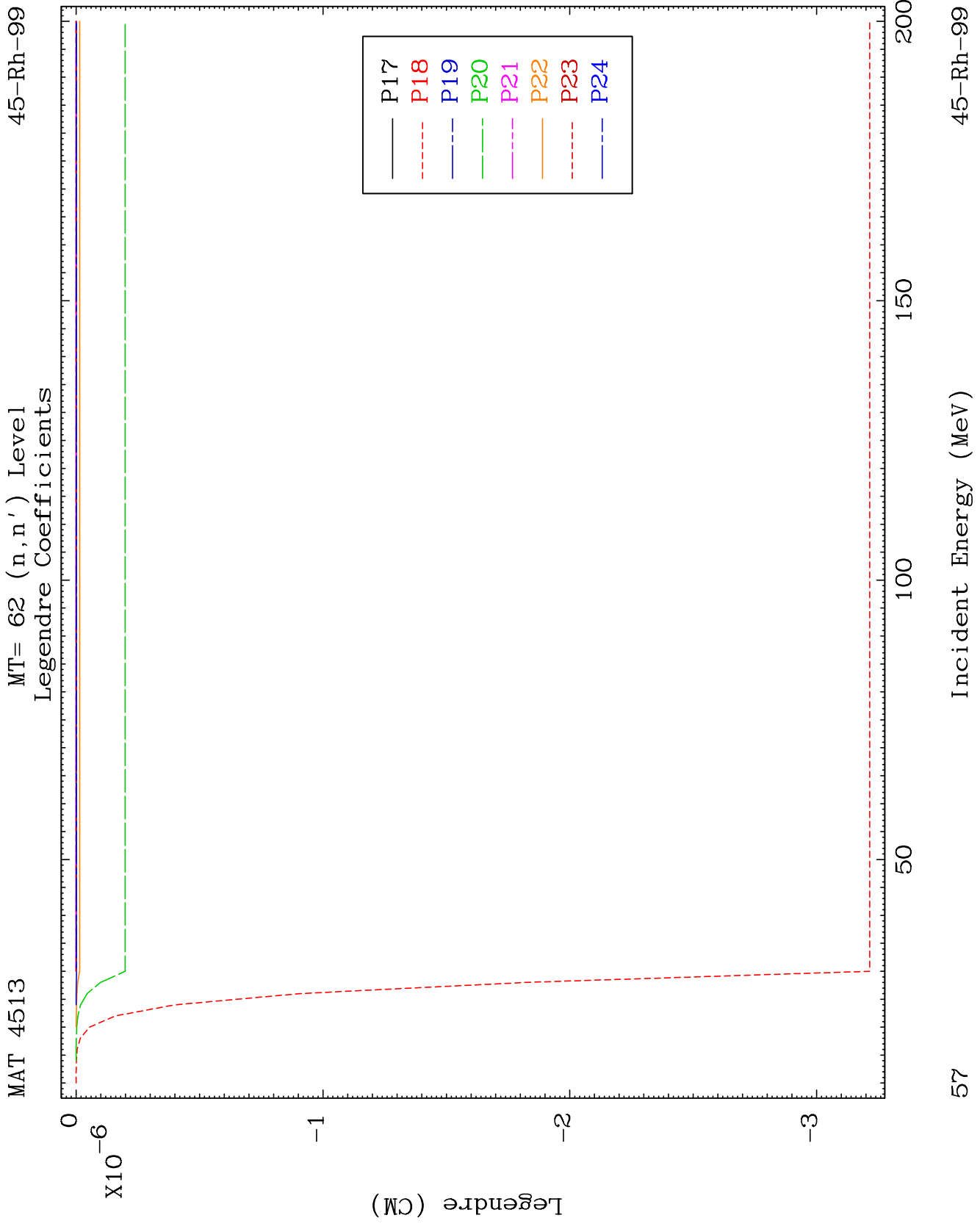
45-Rh-99

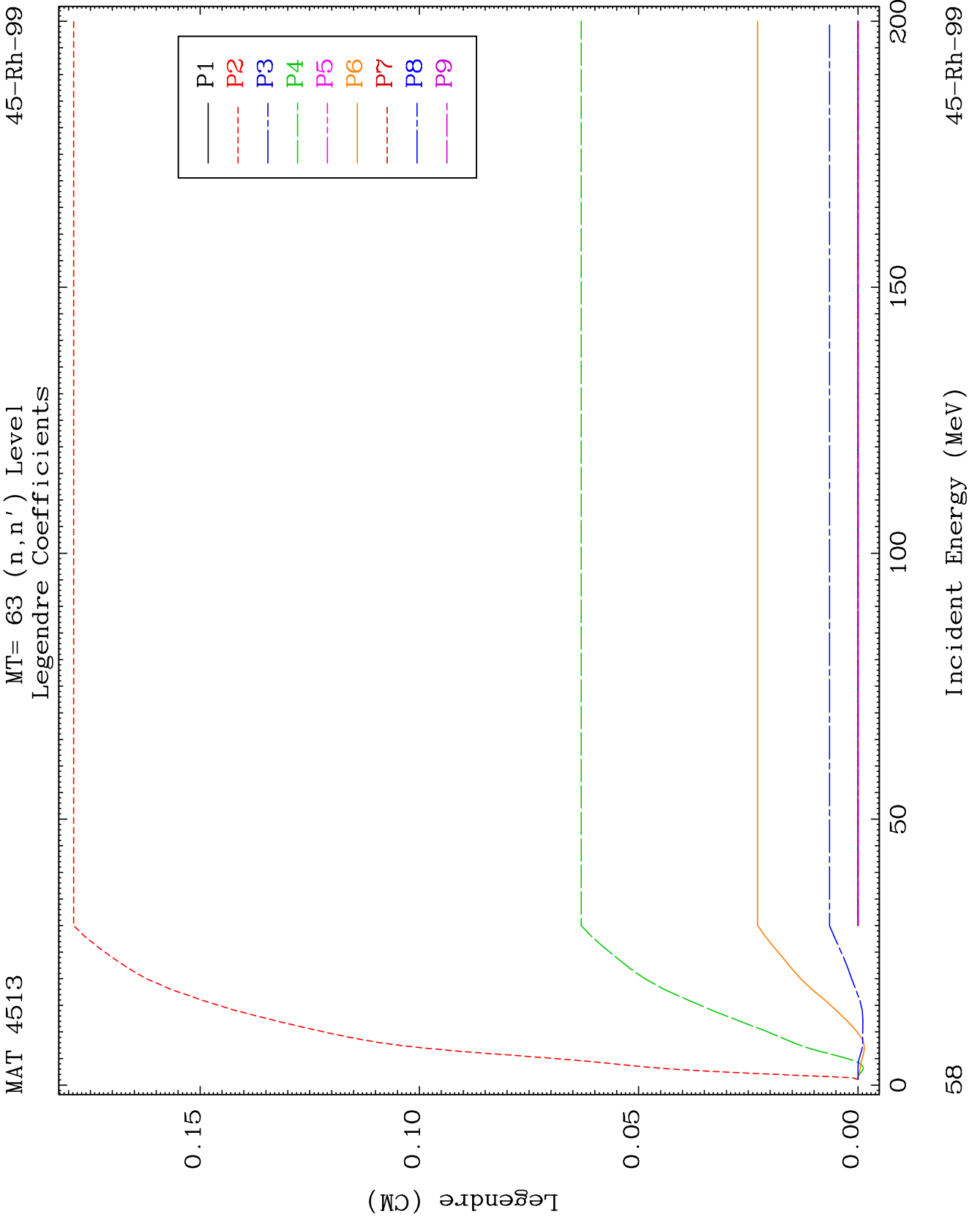


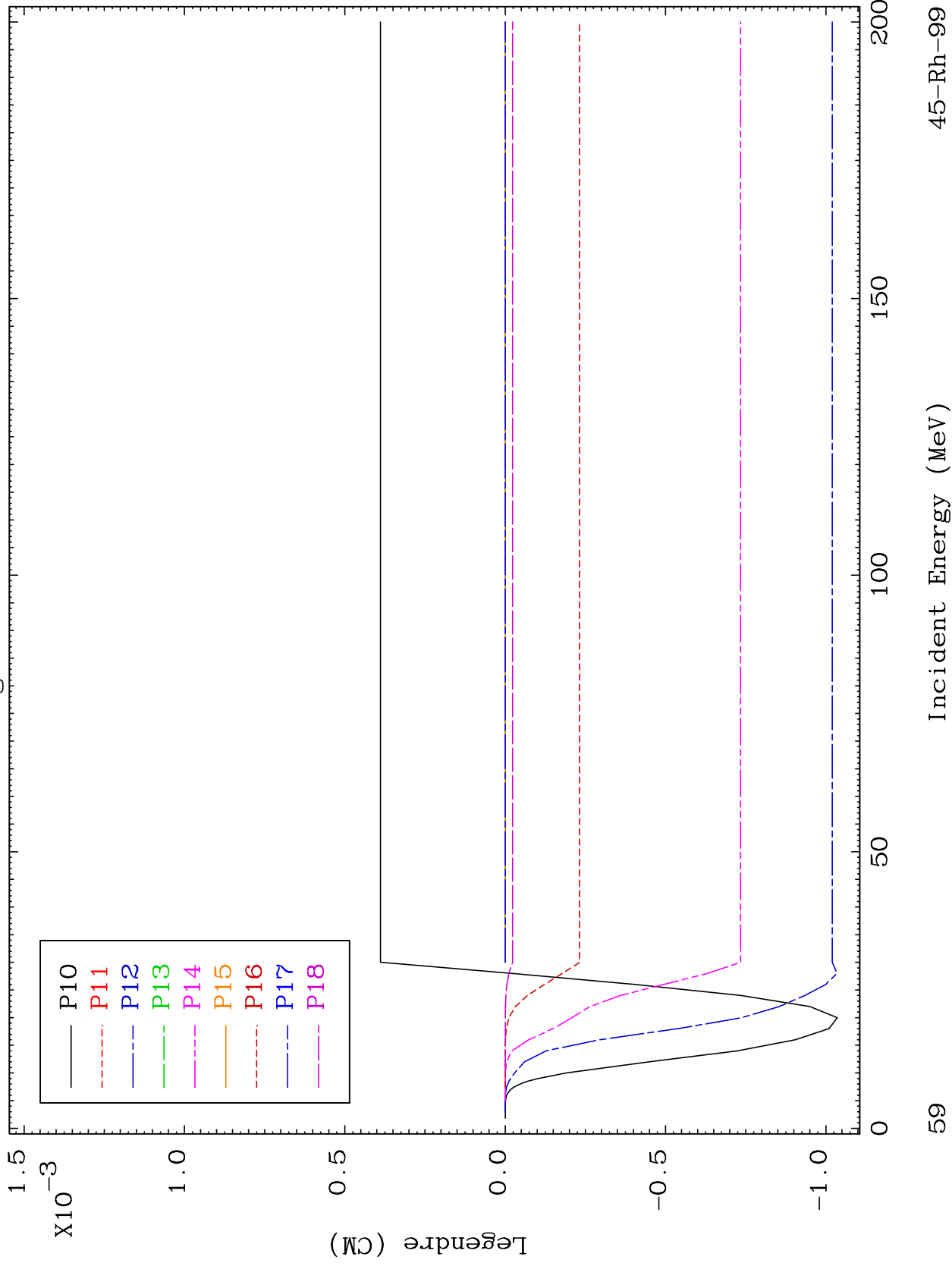
56

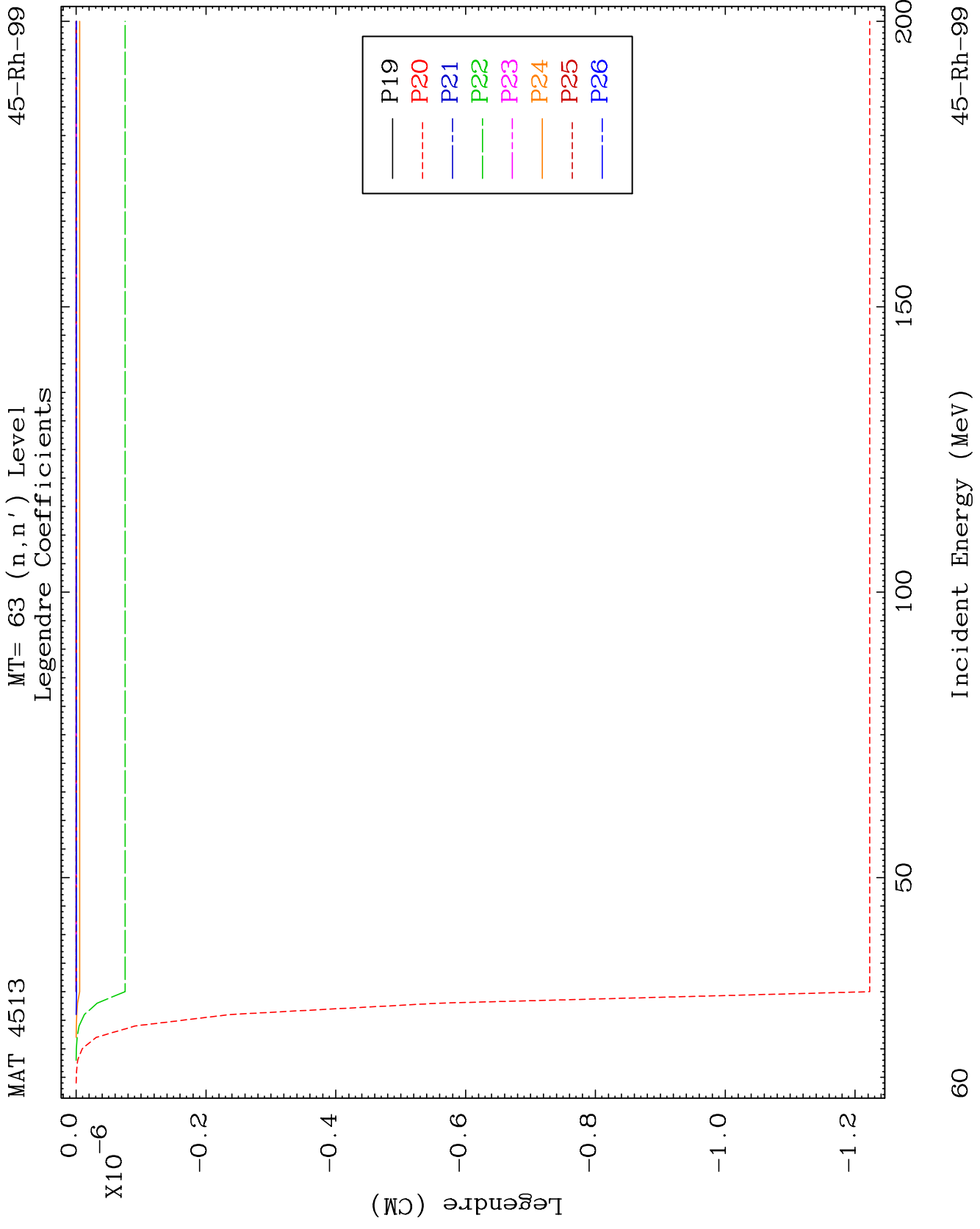
Incident Energy (MeV)

45-Rh-99





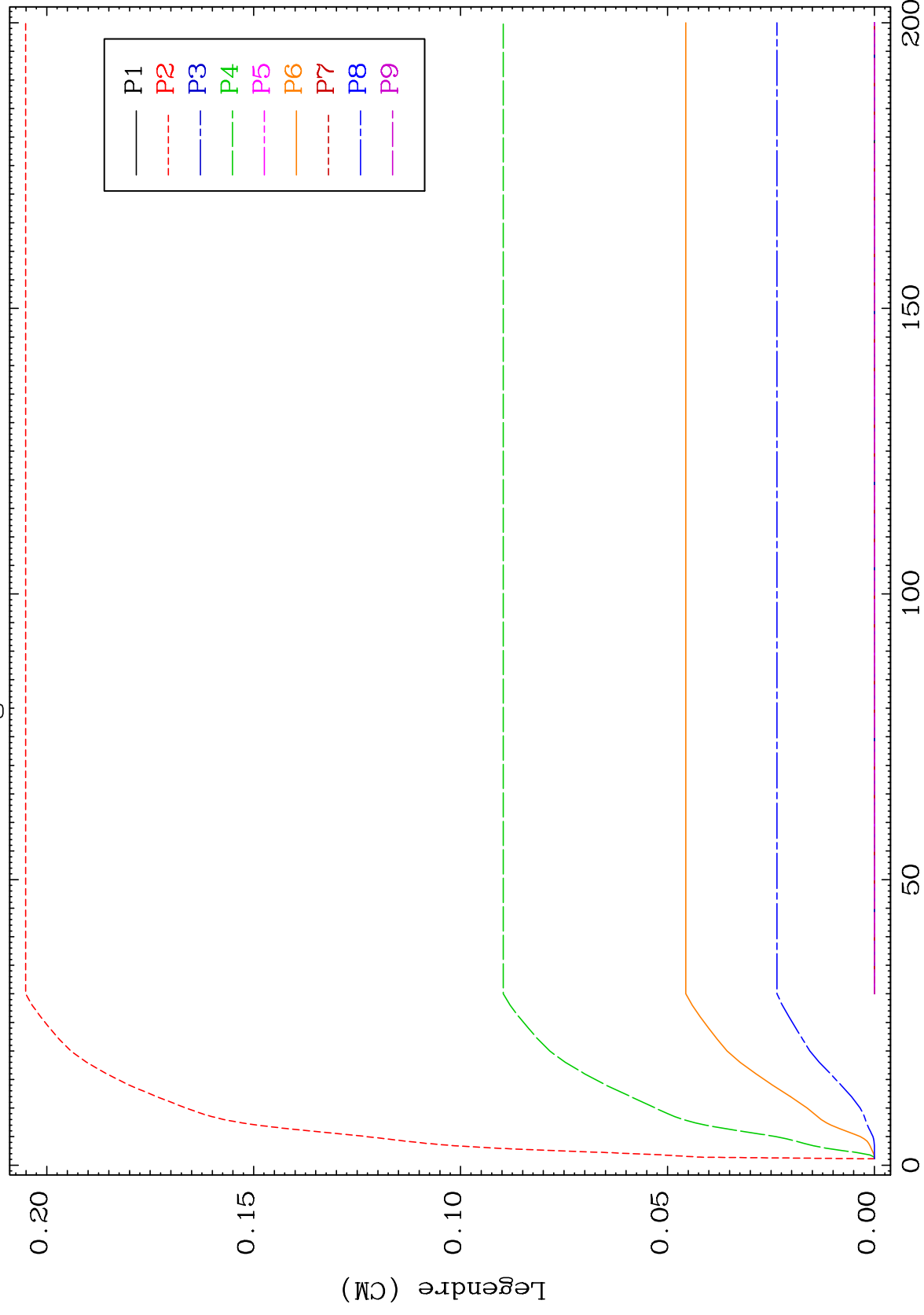




MAT 4513

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

45-Rh-99



61

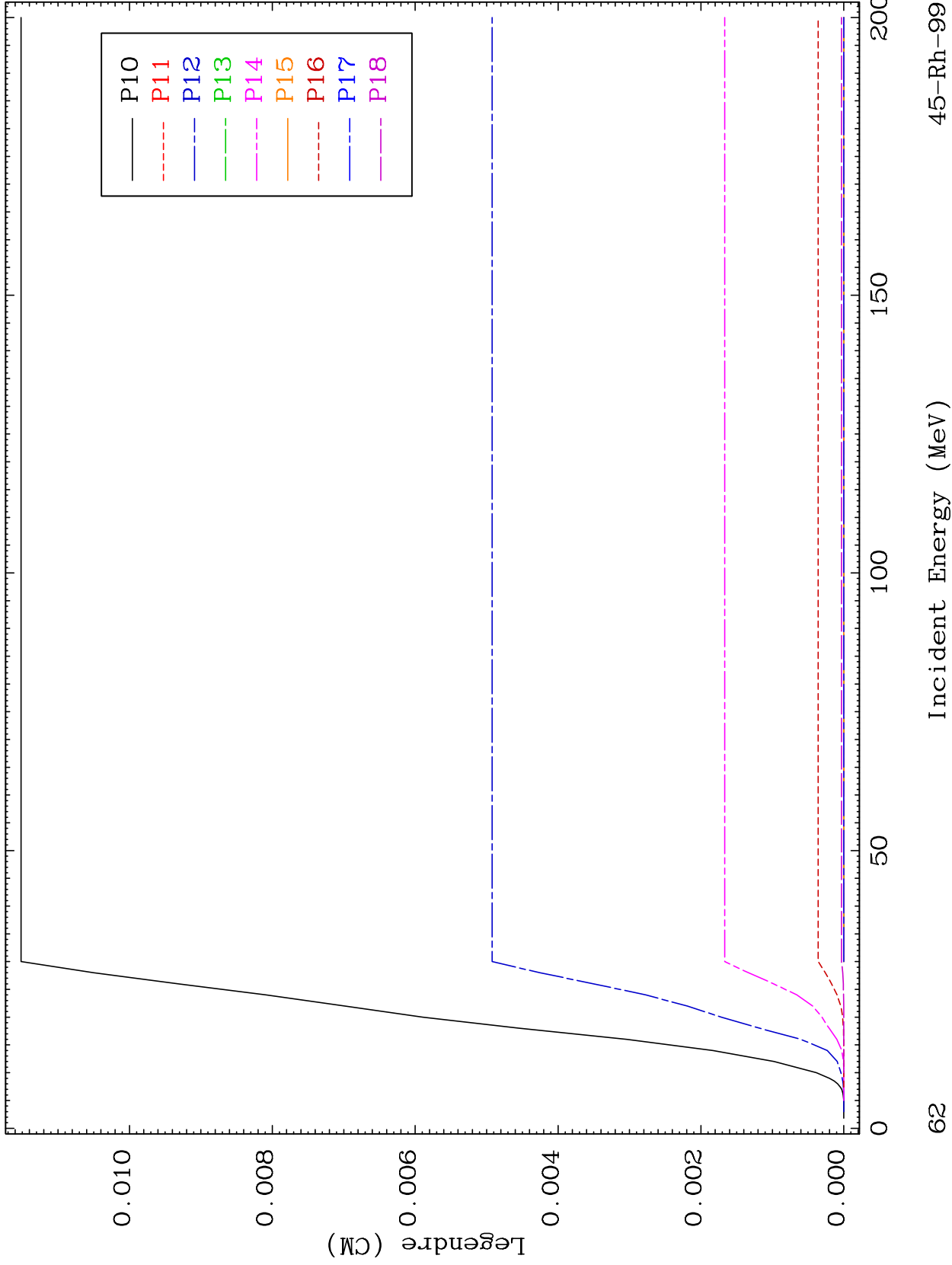
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



62

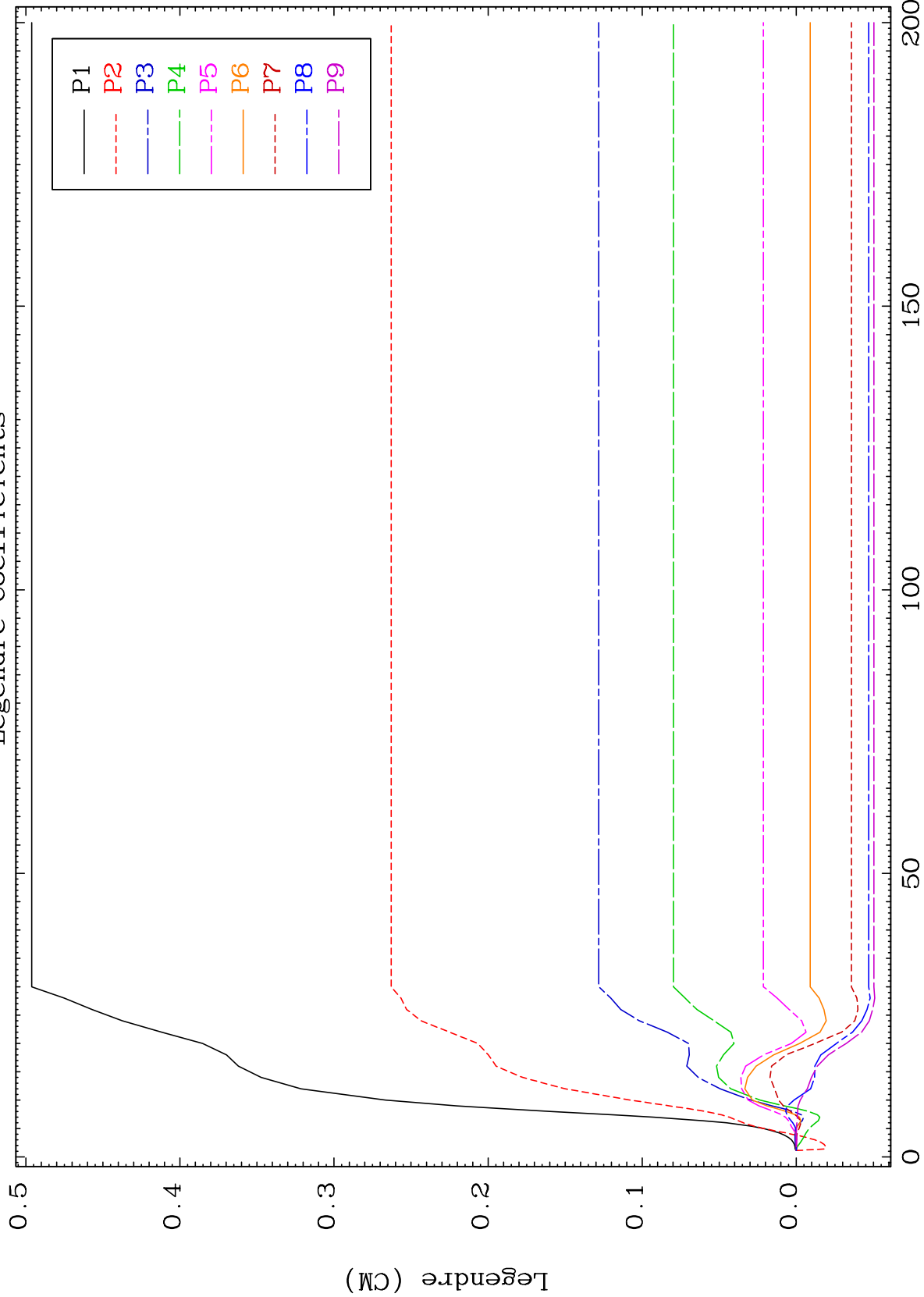
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



64

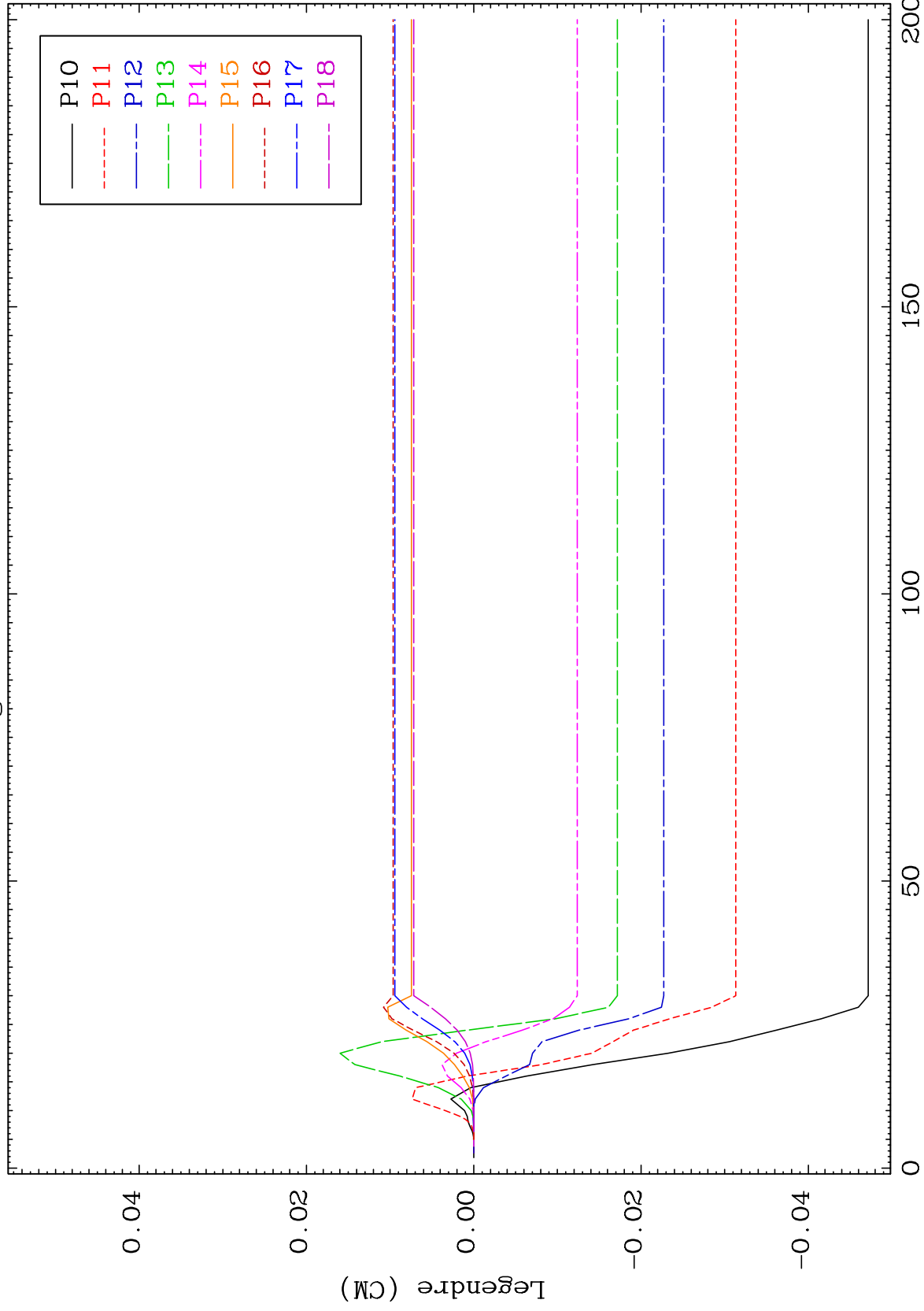
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



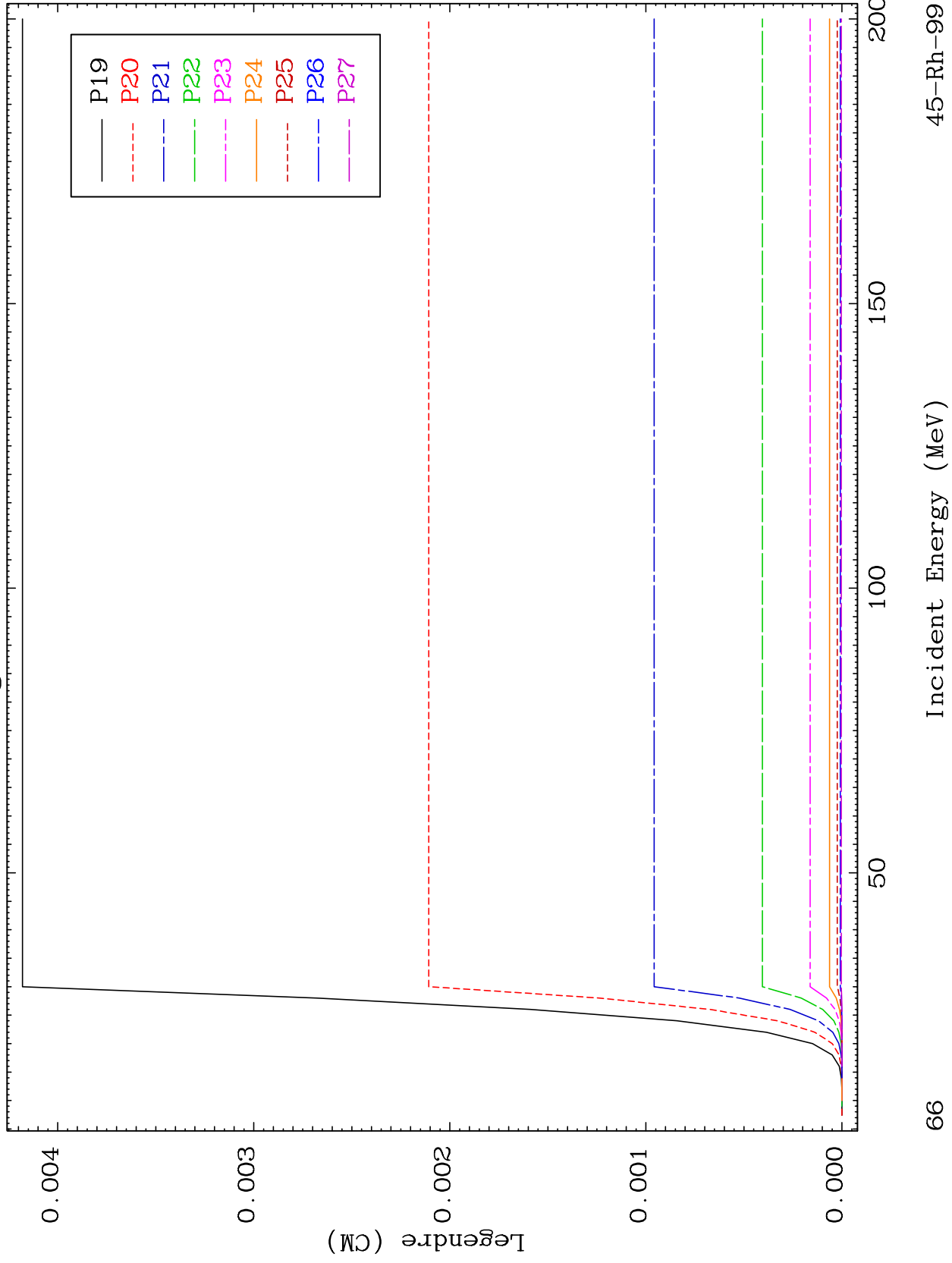
65

45-Rh-99

MAT 4513

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

45-Rh-99



66

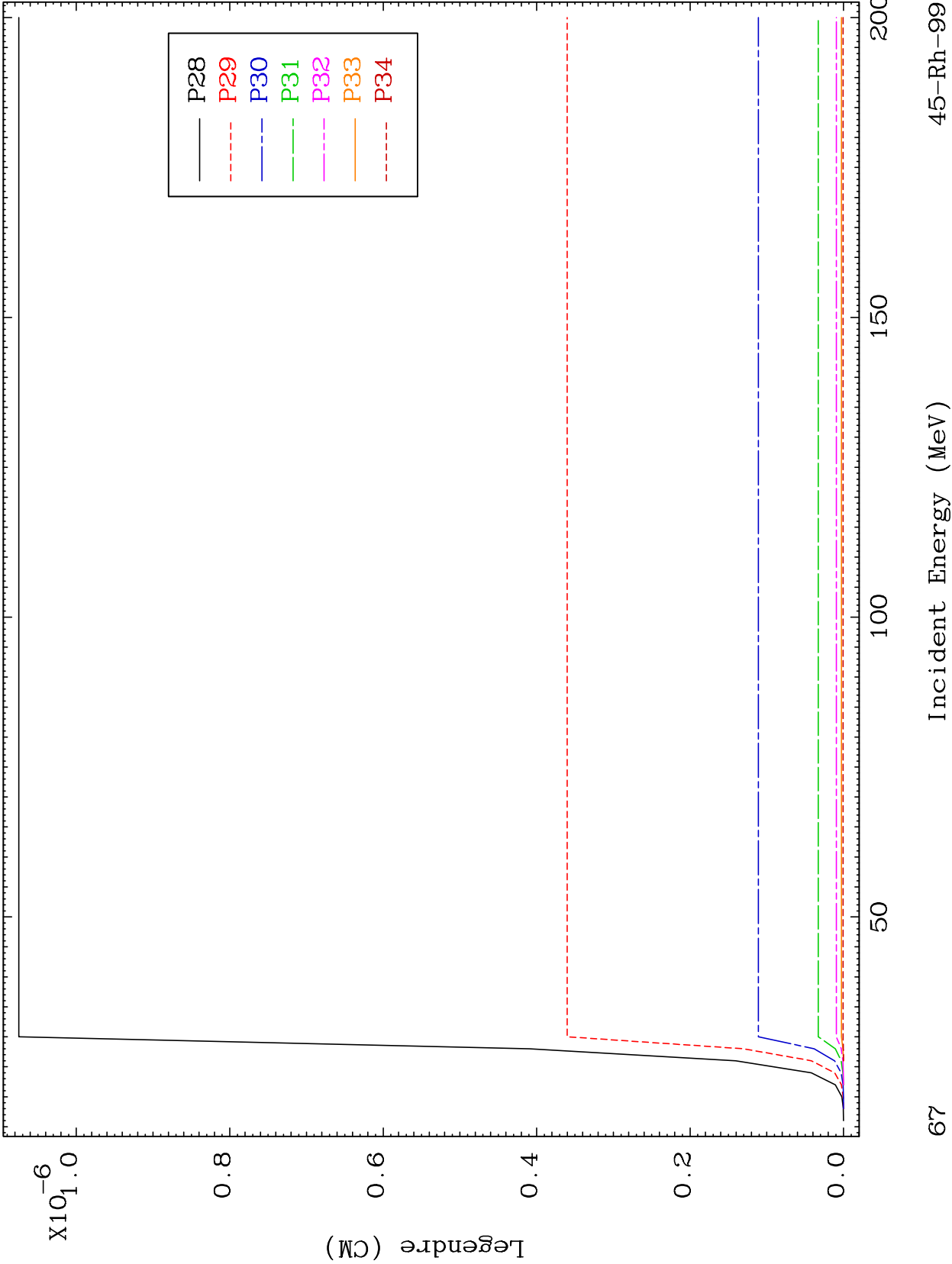
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



67

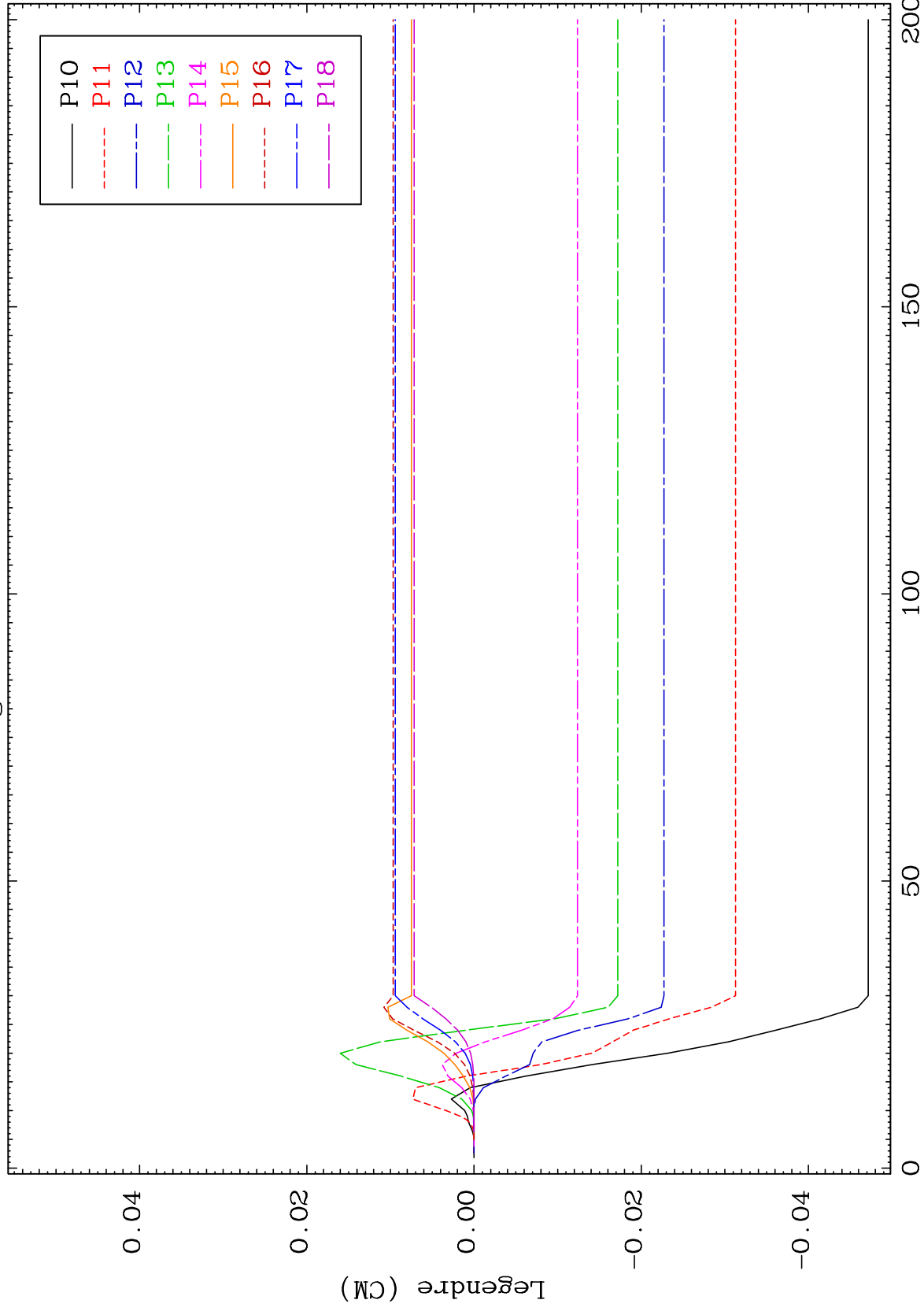
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



69

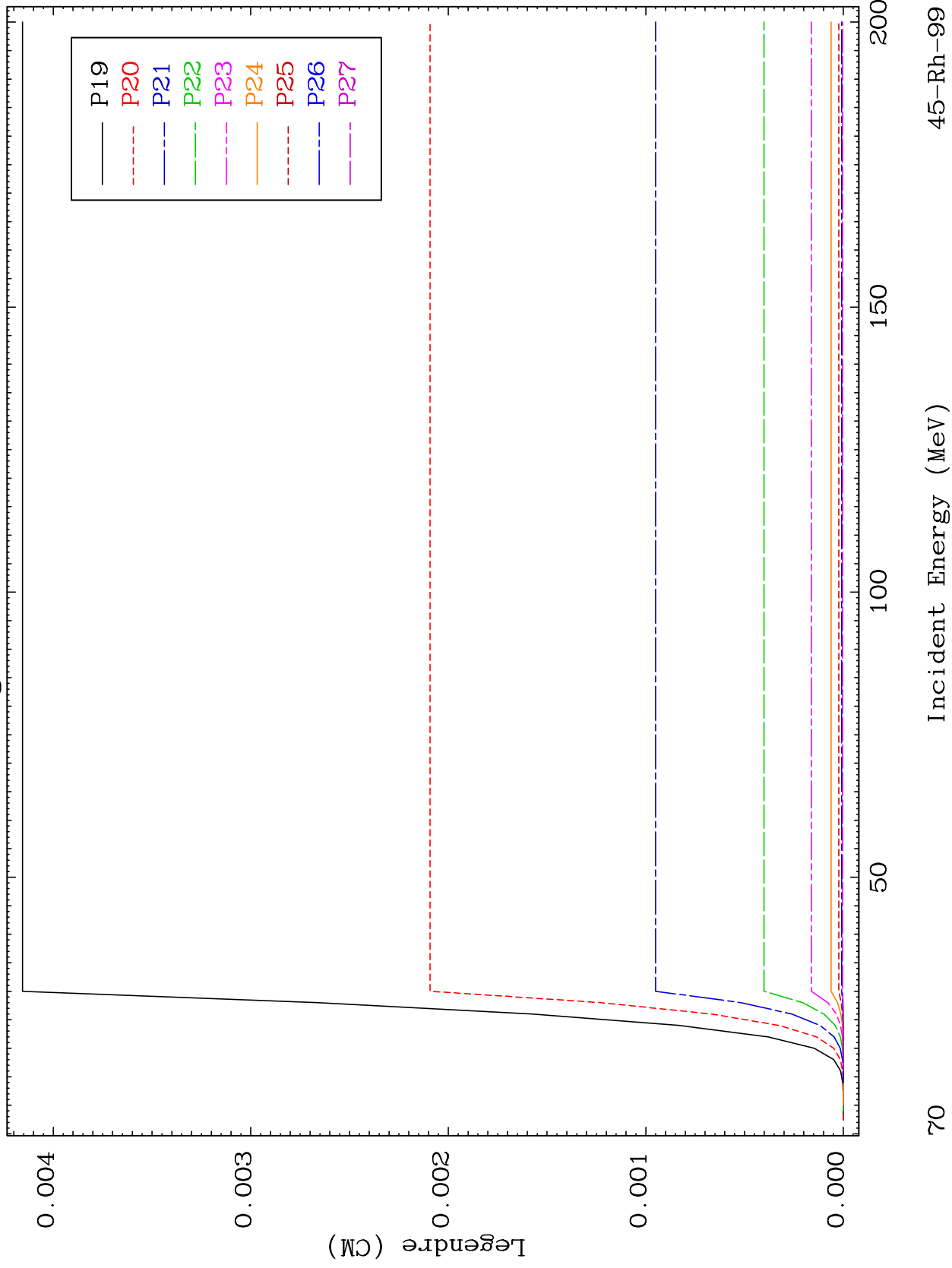
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



70

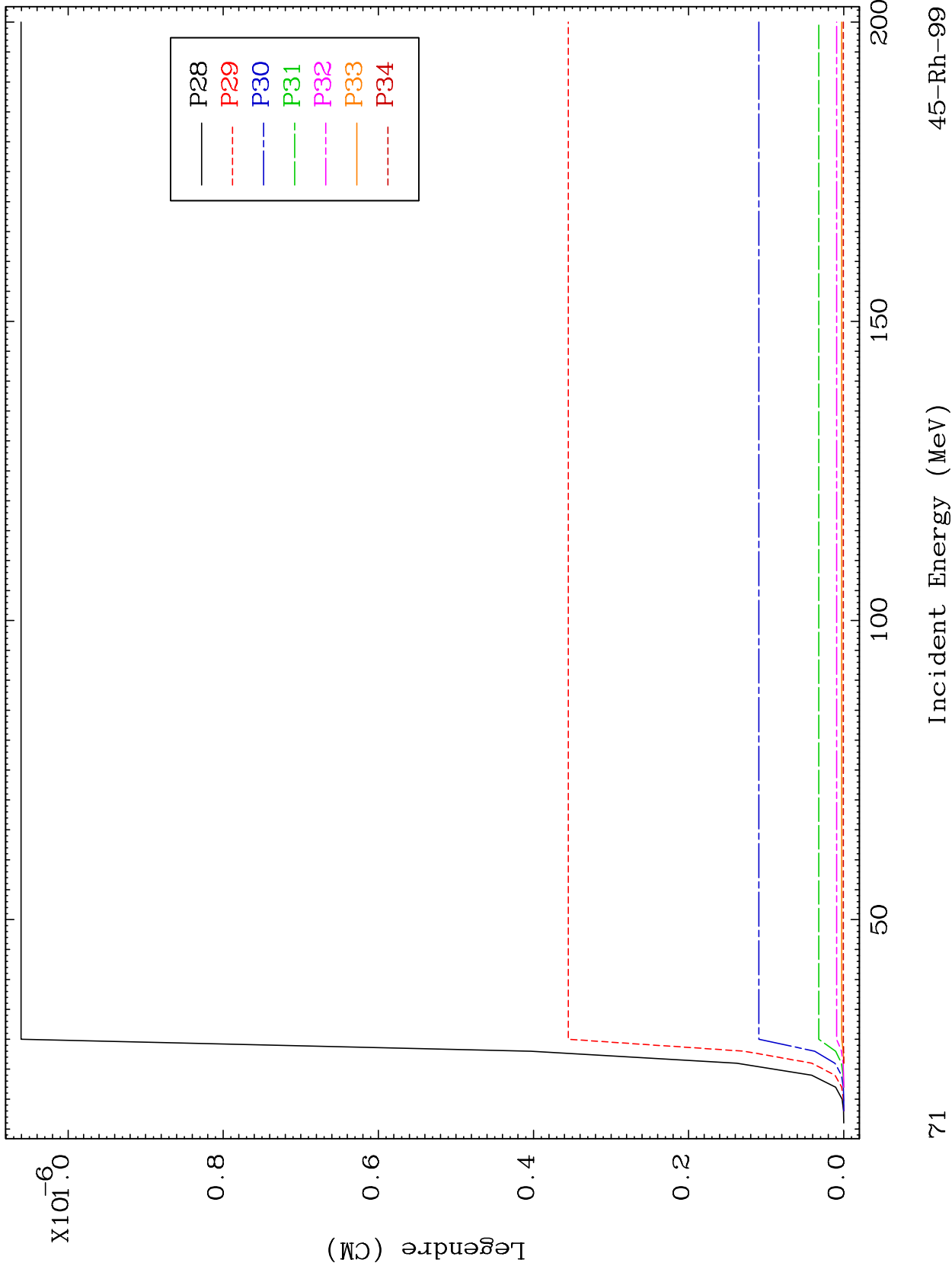
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



71

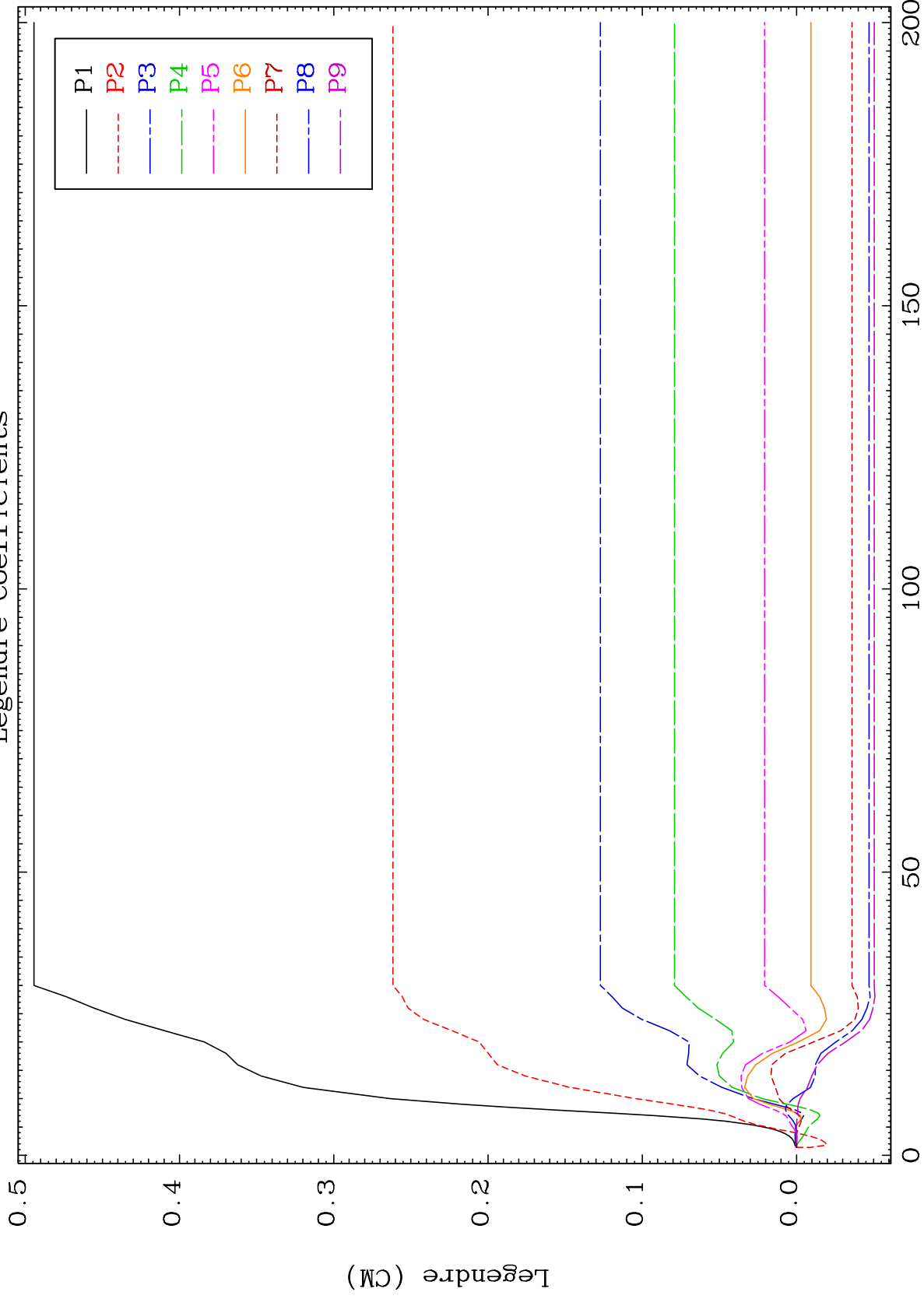
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



72

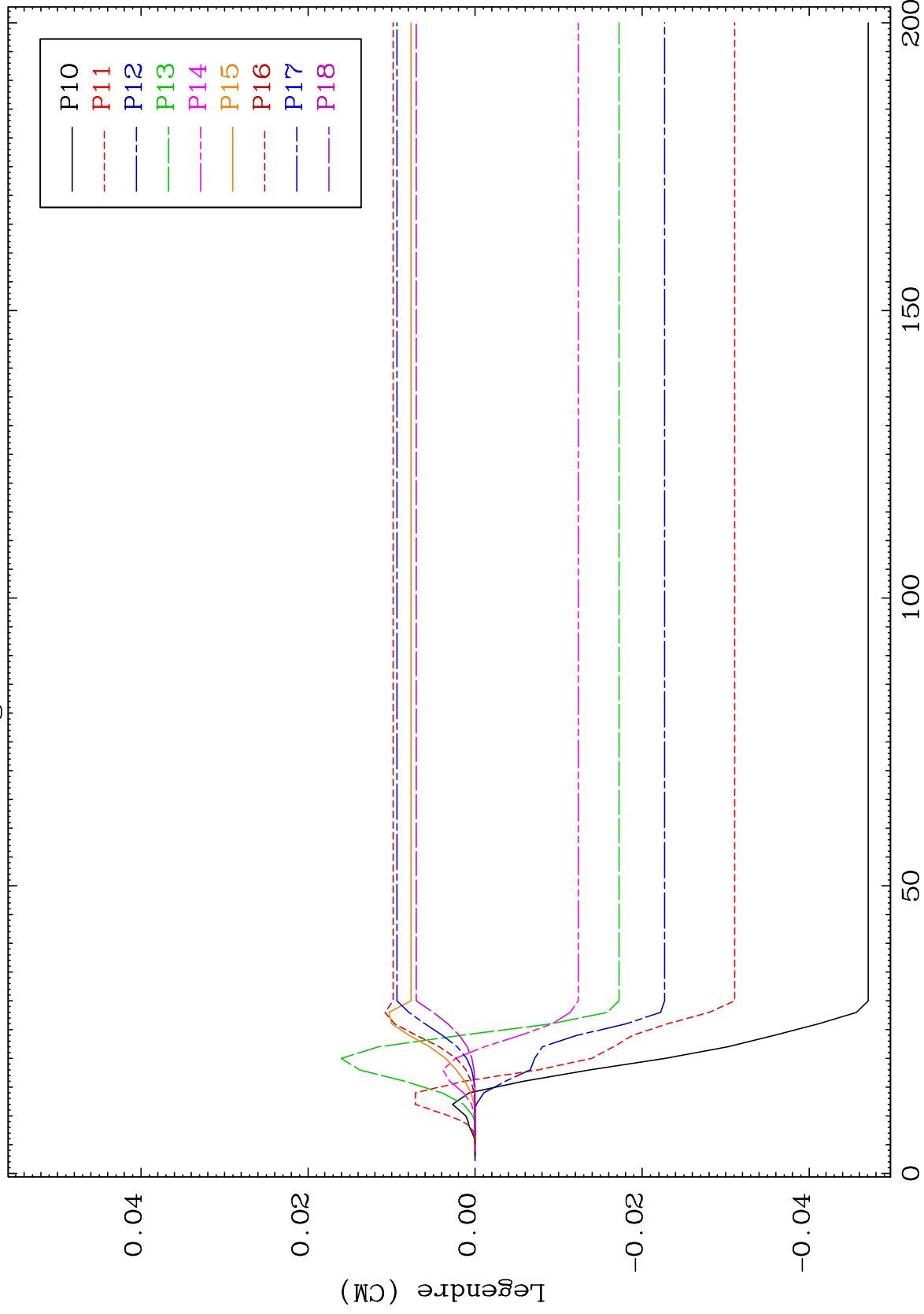
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



73

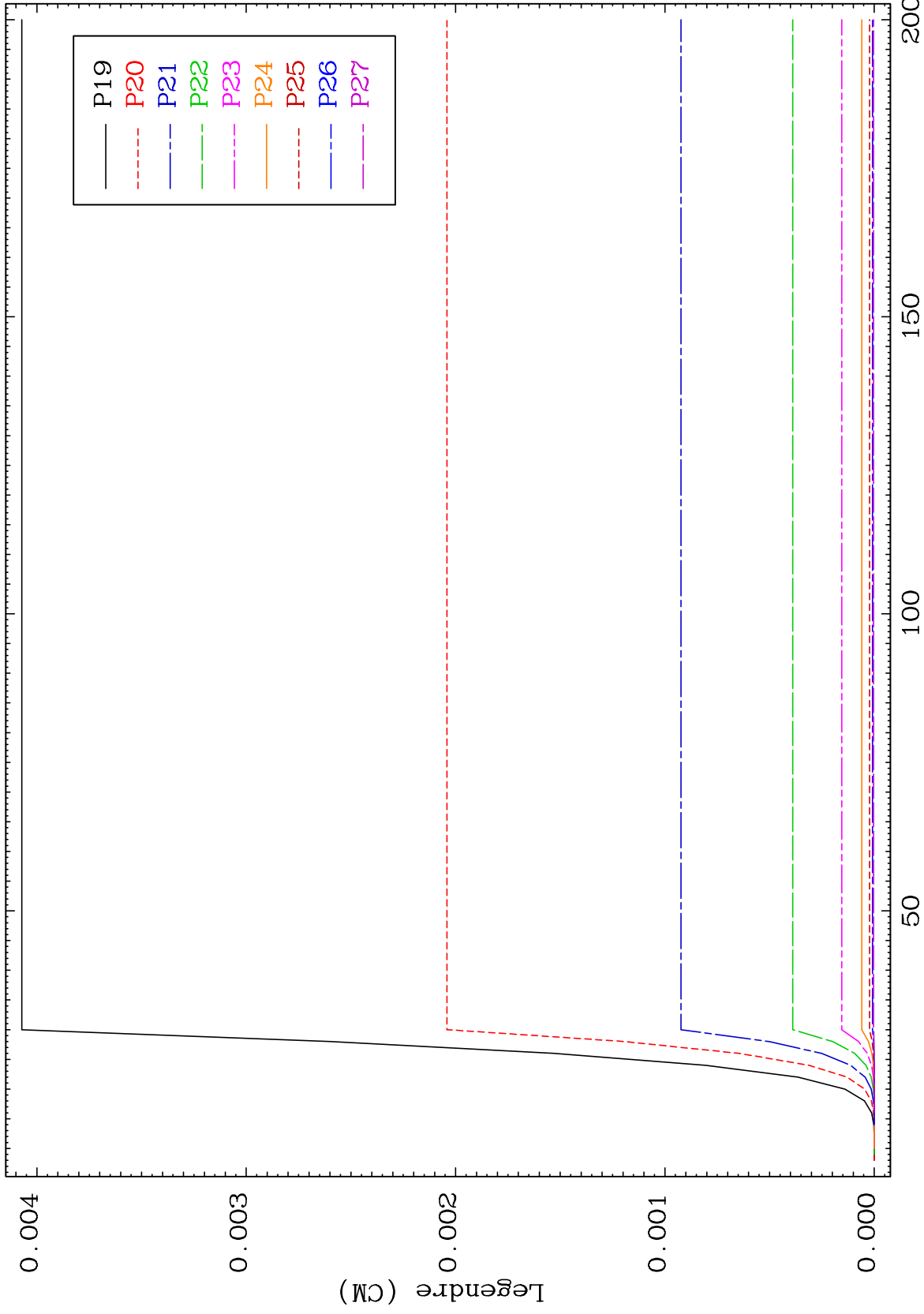
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



74

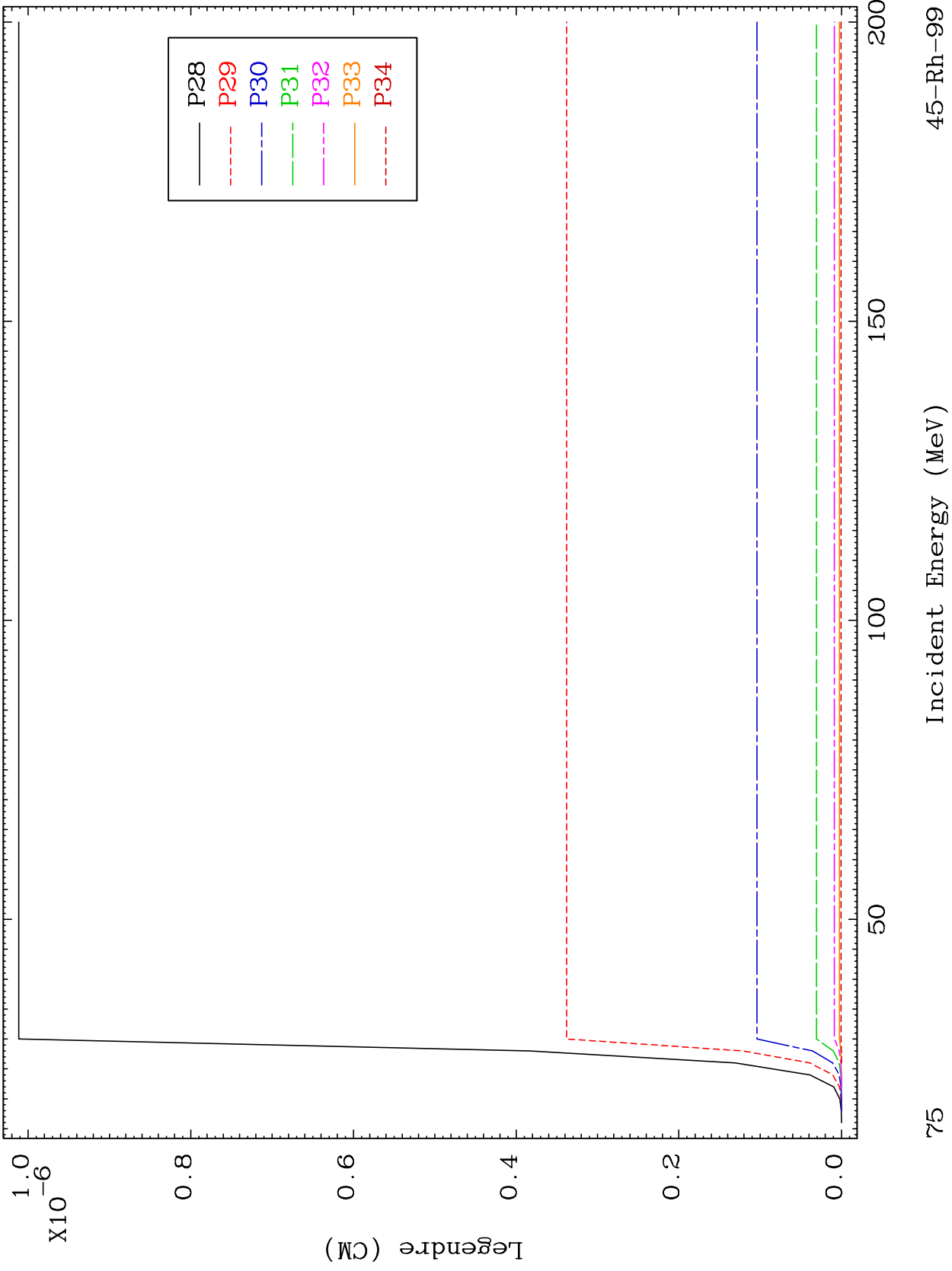
Incident Energy (MeV)

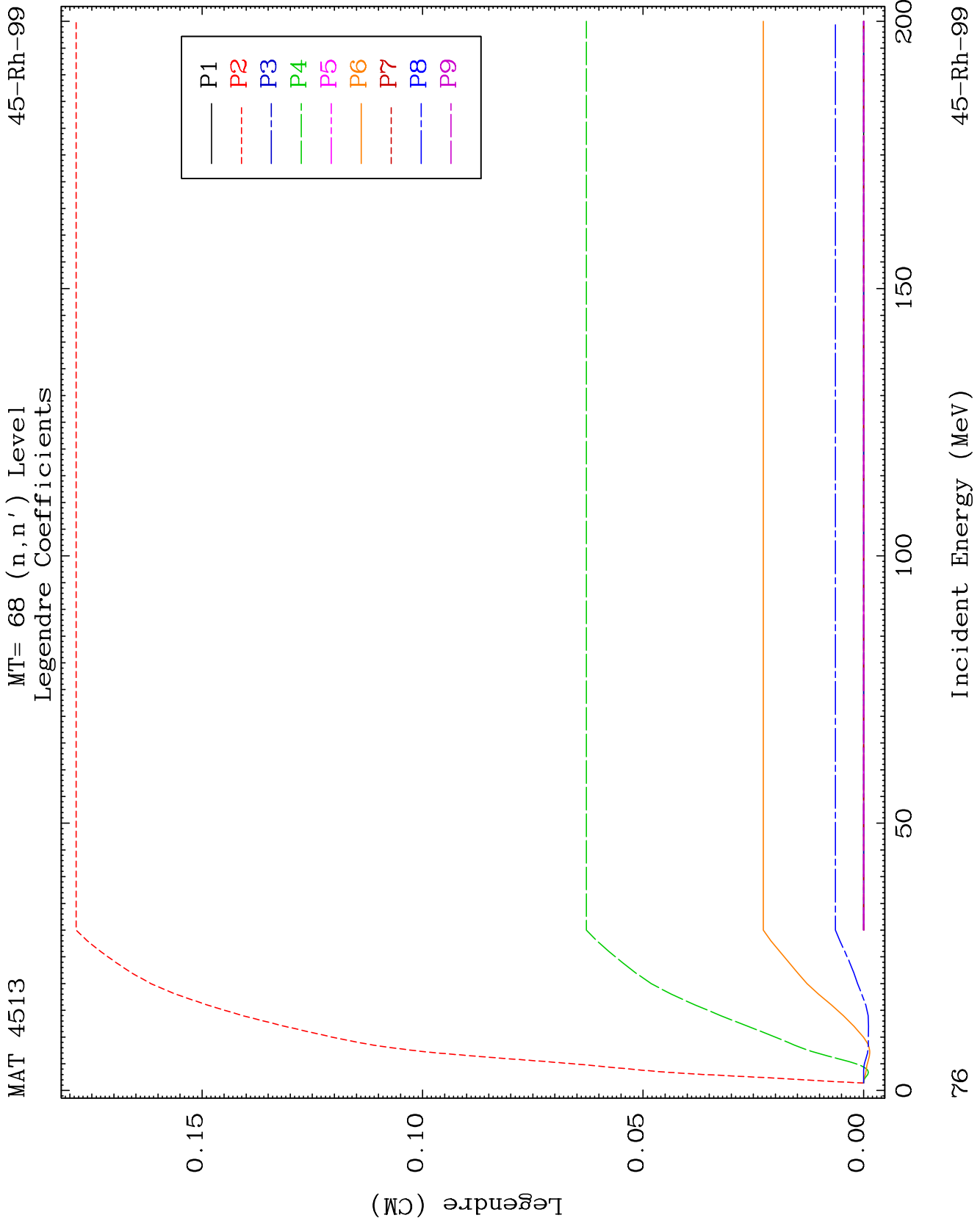
45-Rh-99

MAT 4513

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

45-Rh-99

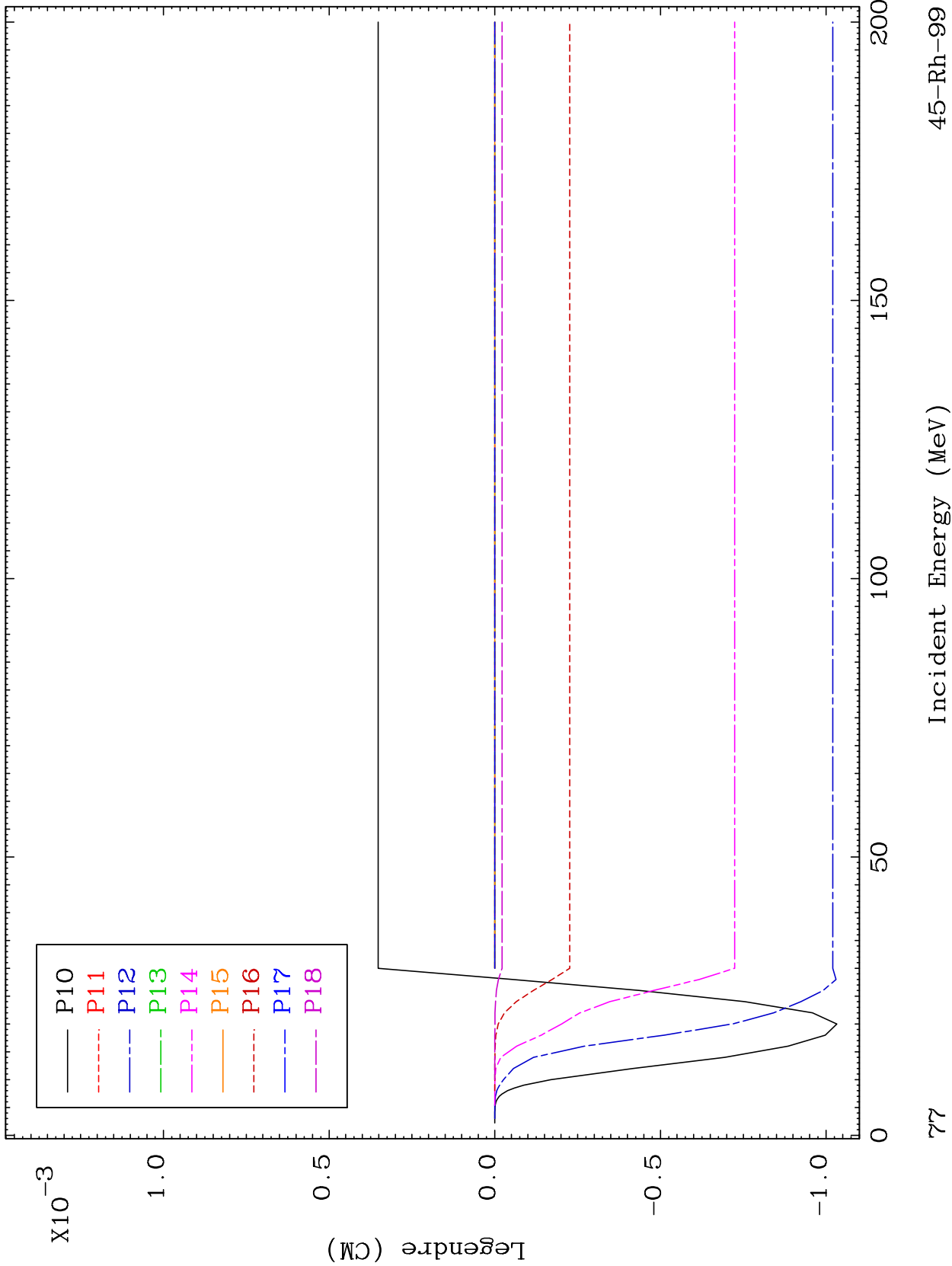




MAT 4513

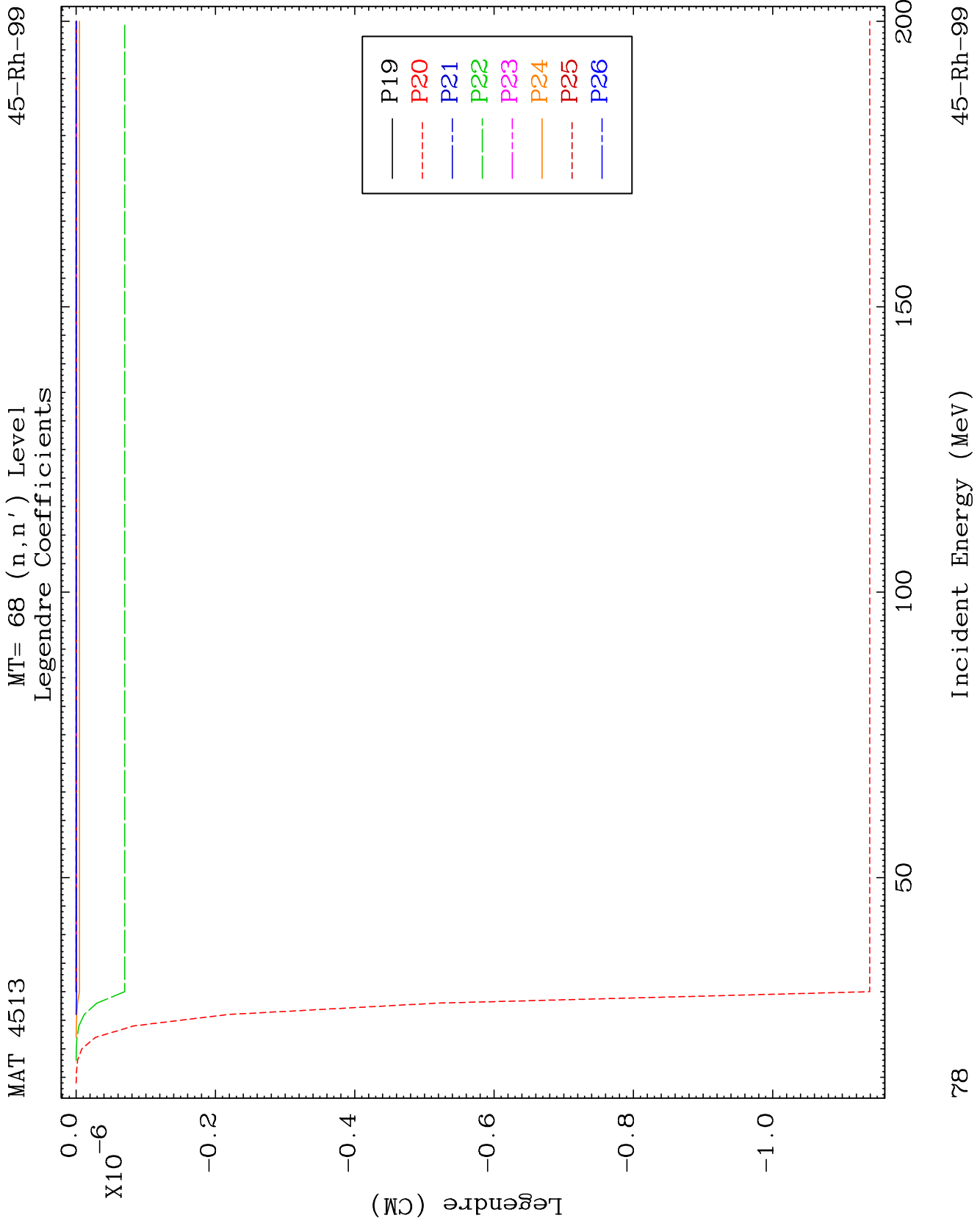
MT= 68 (n,n') Level
Legendre Coefficients

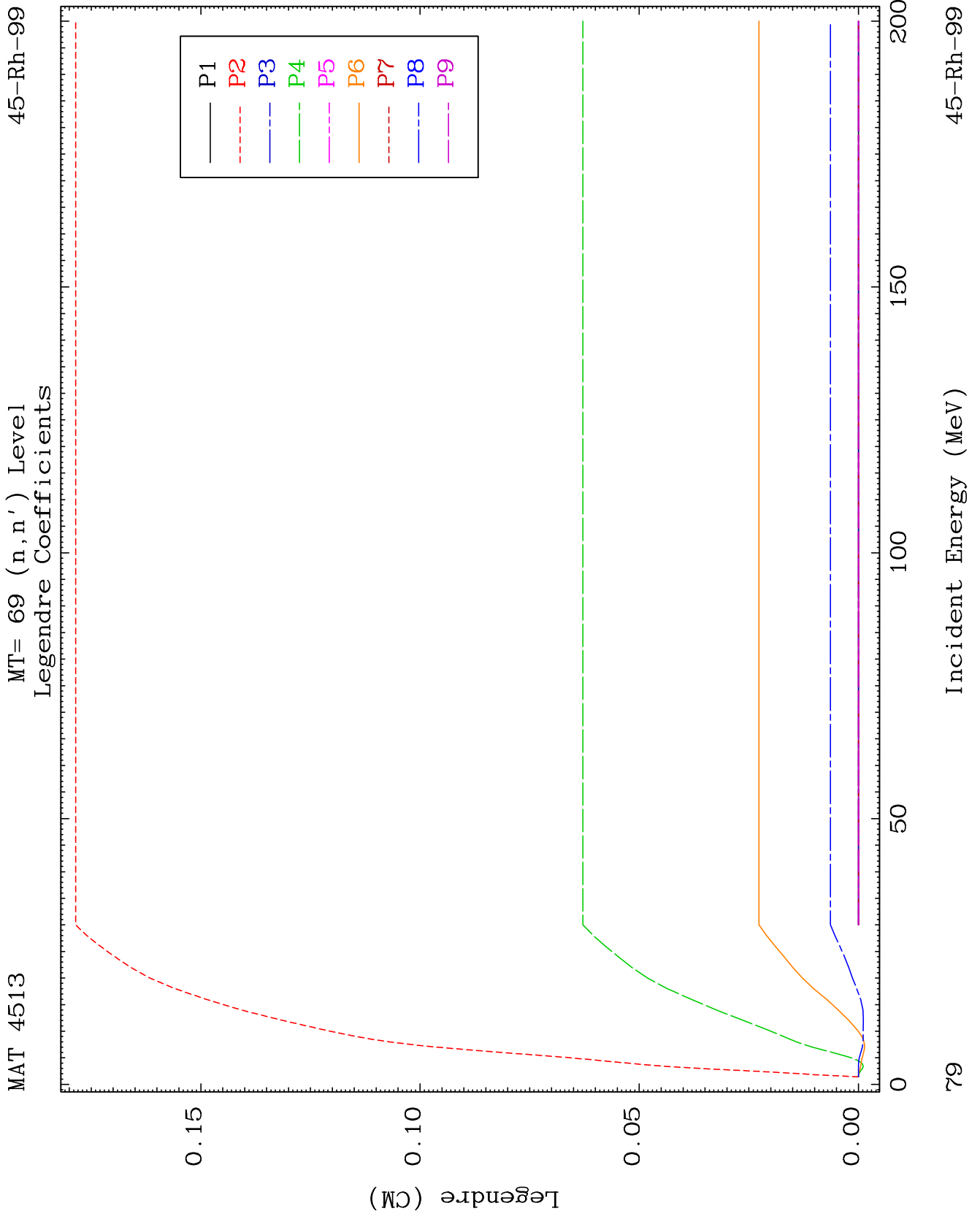
45-Rh-99



77

45-Rh-99

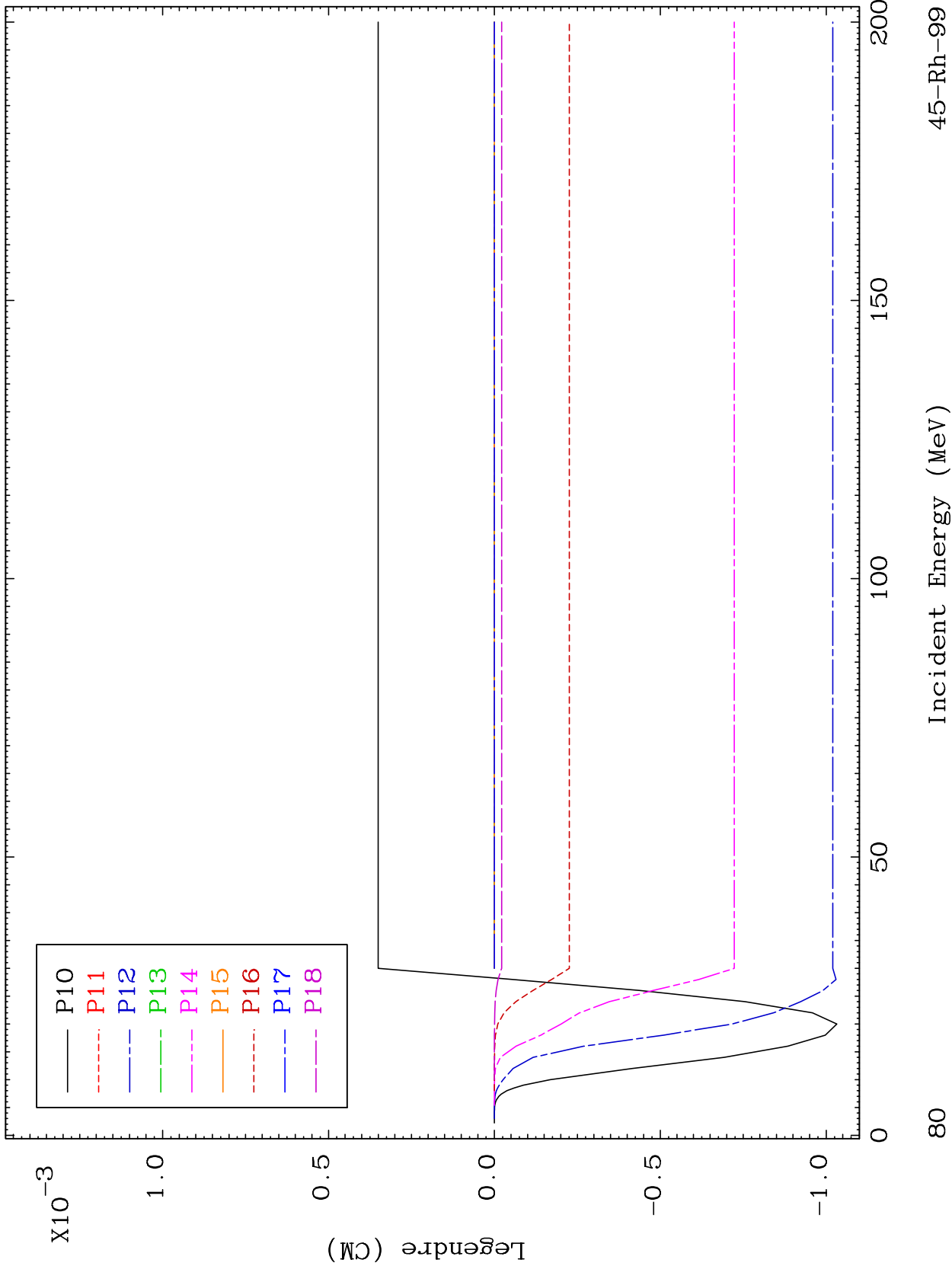




MAT 4513

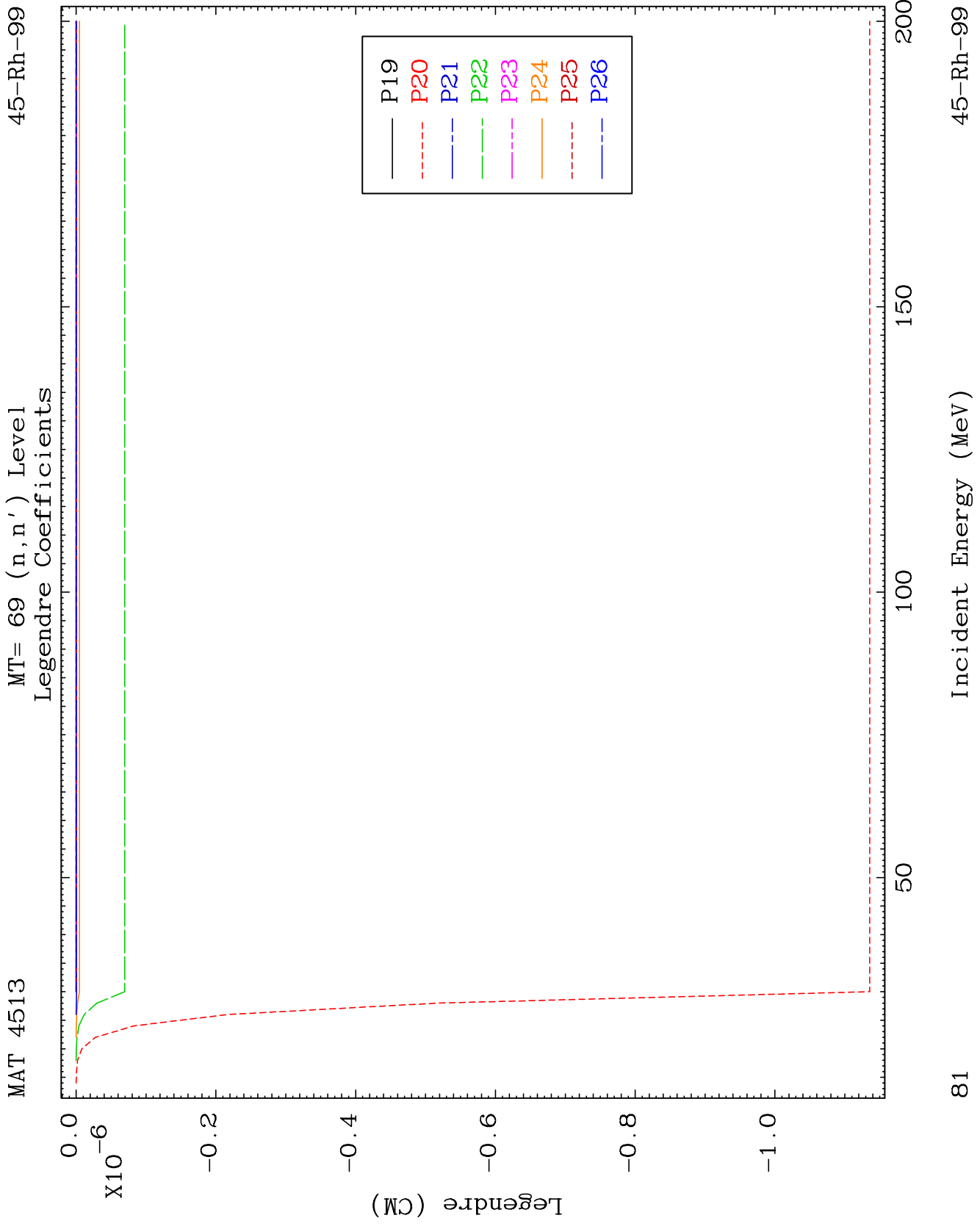
MT= 69 (n,n') Level
Legendre Coefficients

45-Rh-99



45-Rh-99

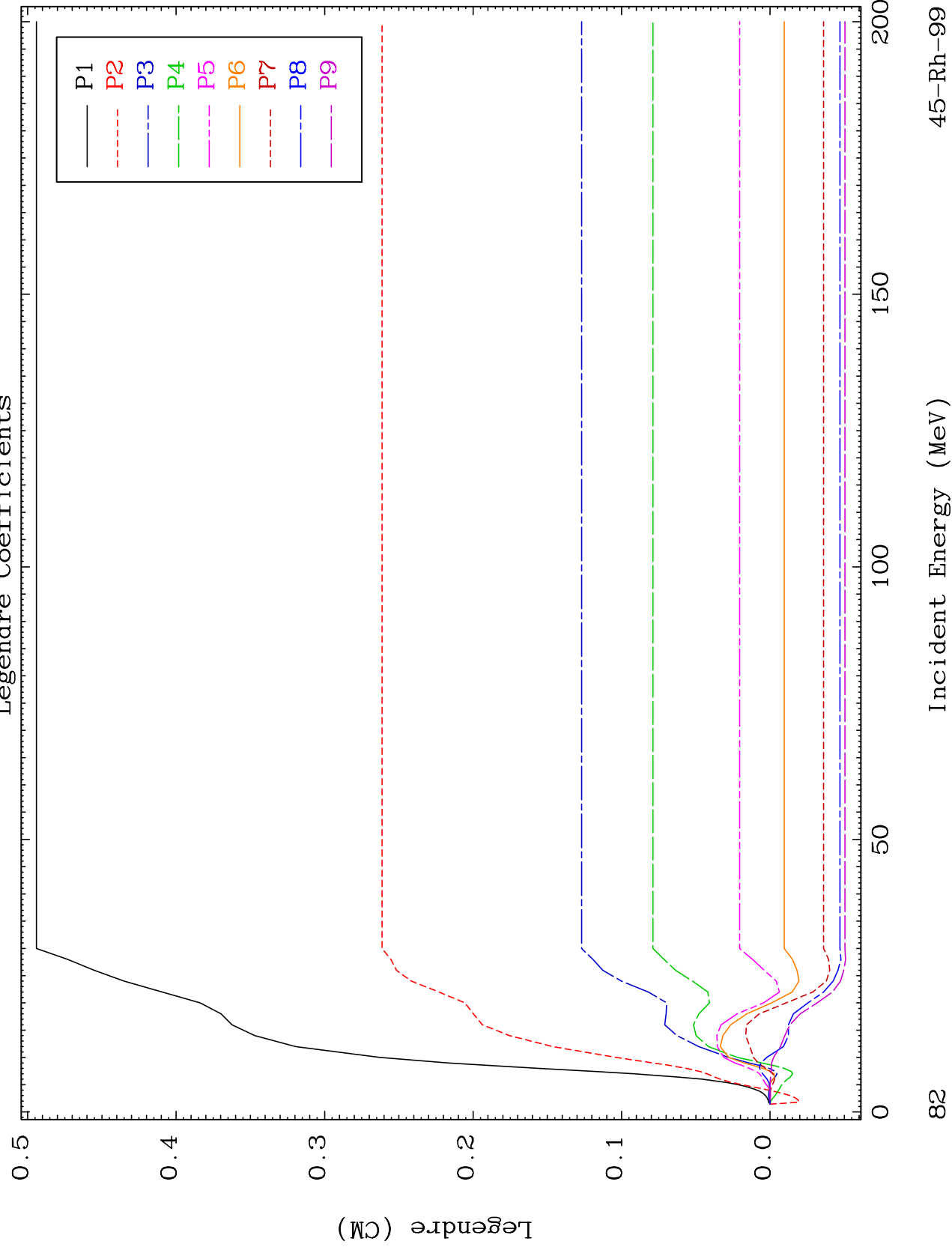
Incident Energy (MeV)



MAT 4513

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

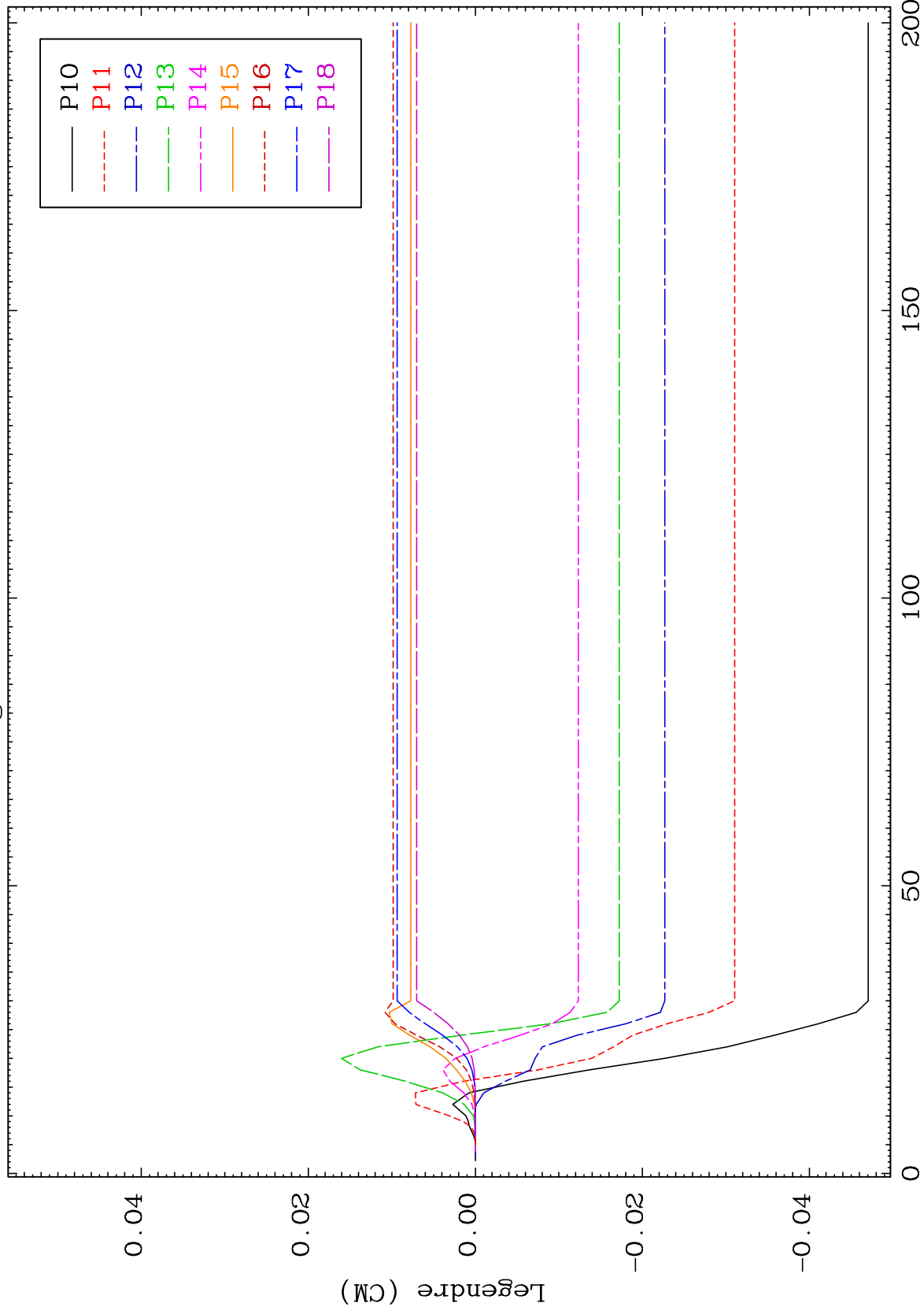
45-Rh-99



MAT 4513

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

45-Rh-99



83

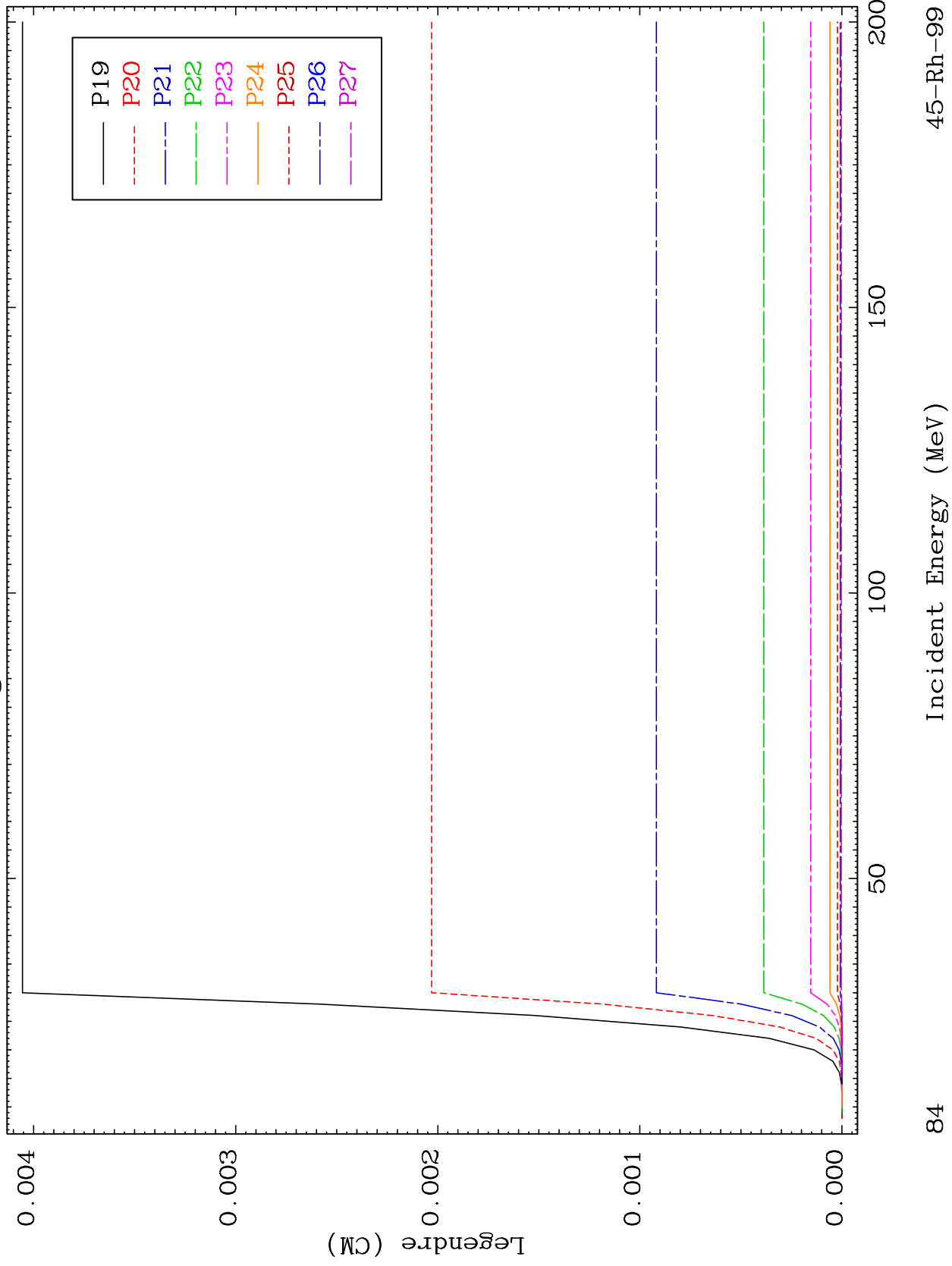
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



84

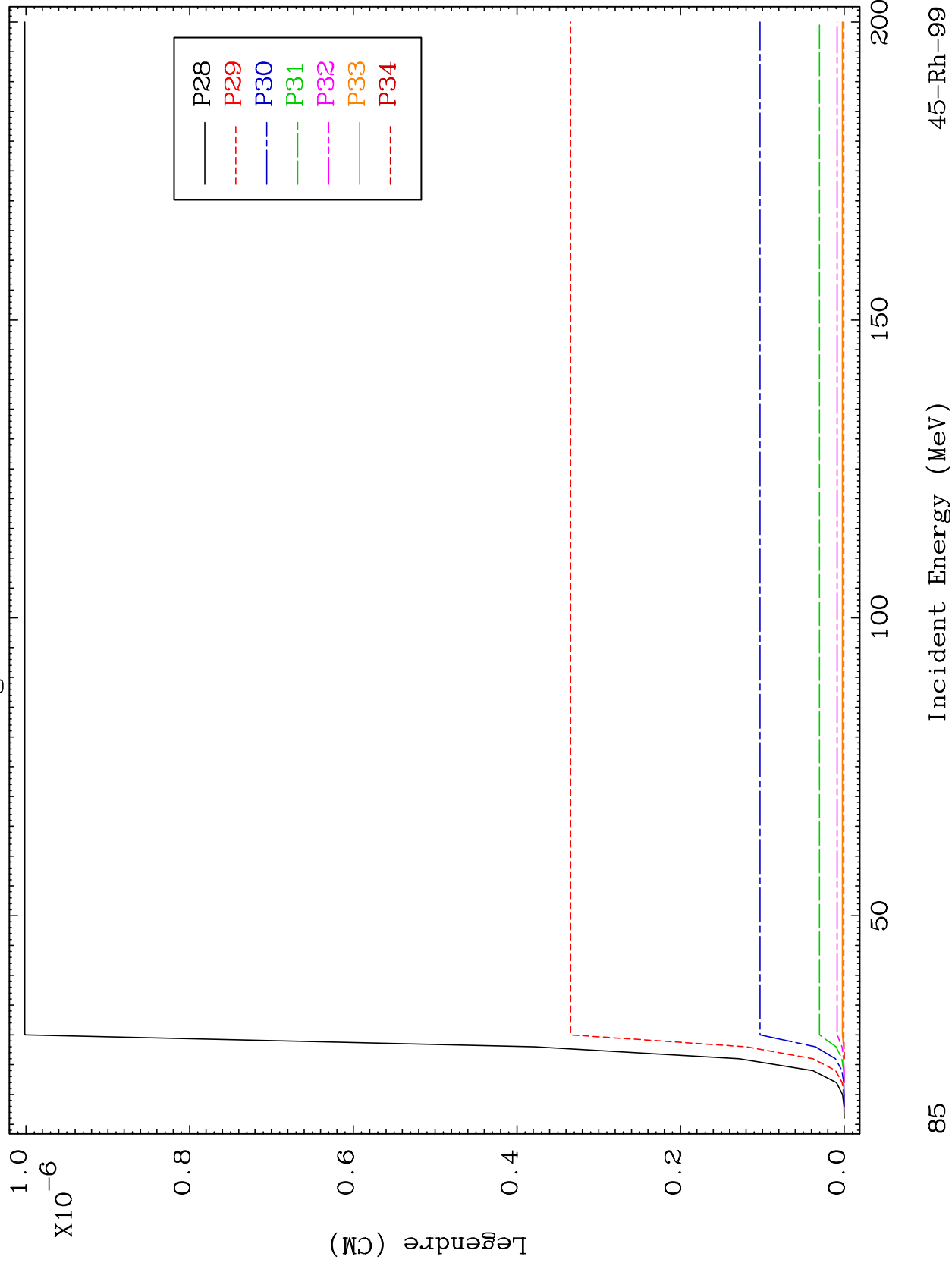
Incident Energy (MeV)

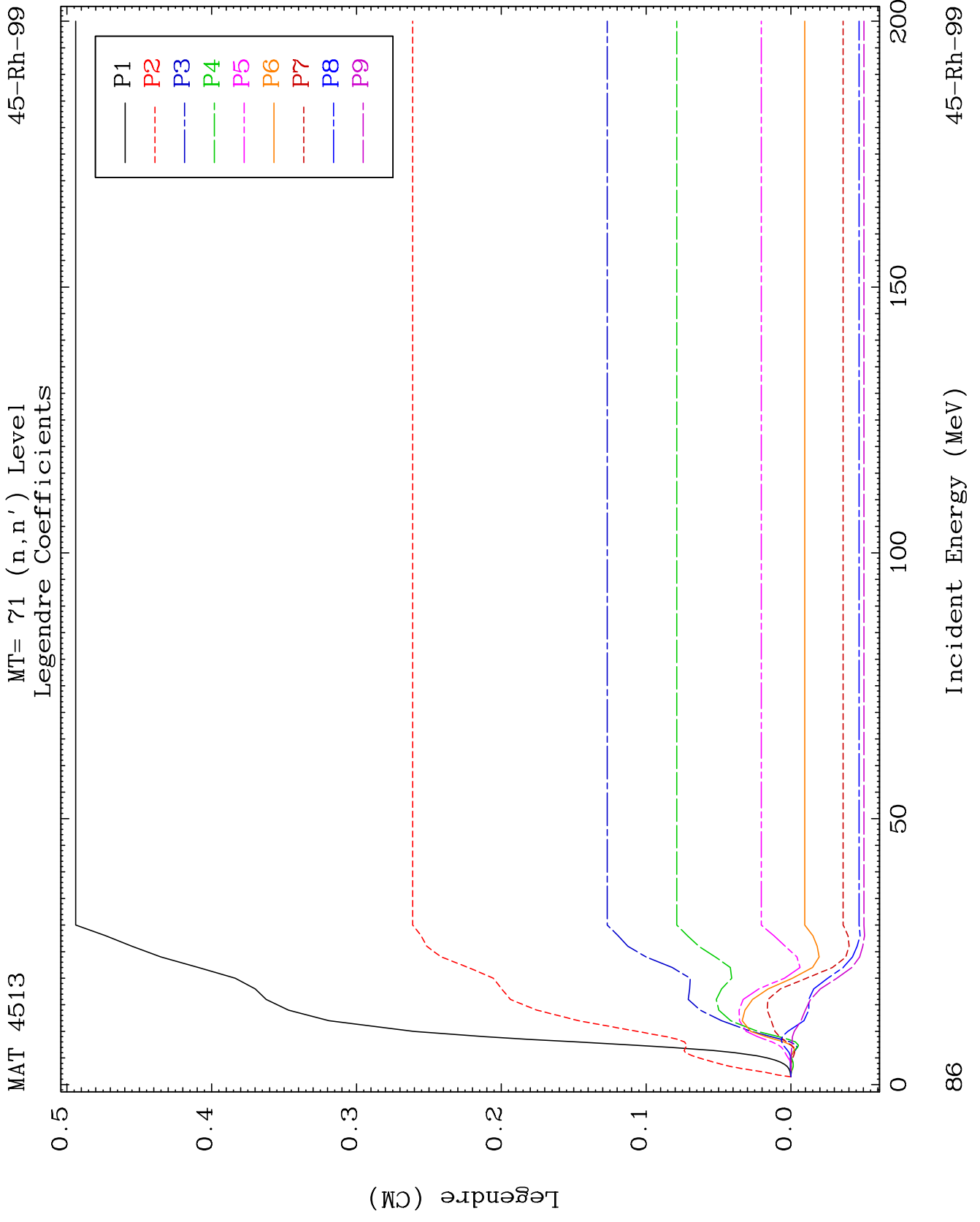
45-Rh-99

MAT 4513

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

45-Rh-99

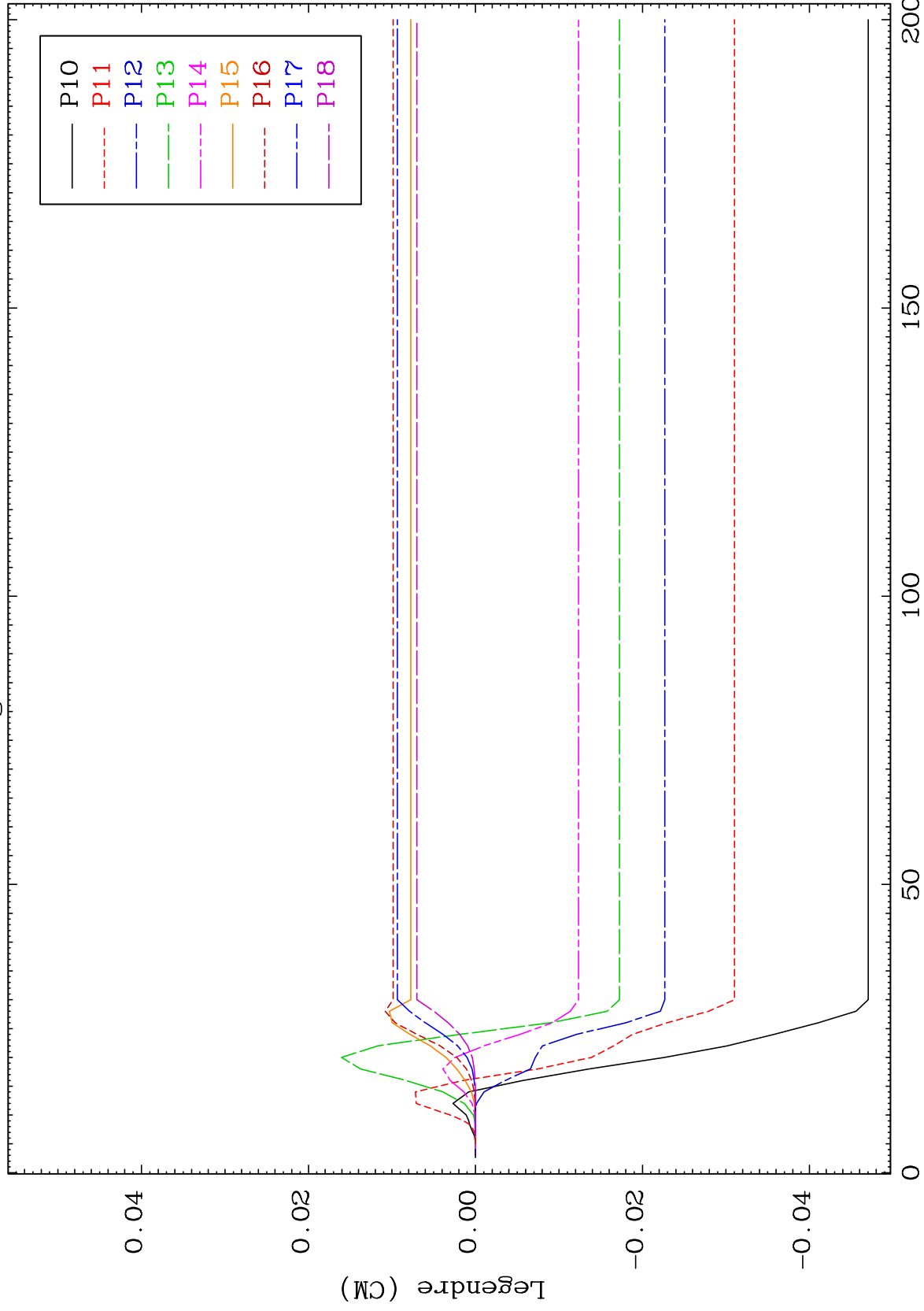




MAT 4513

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

45-Rh-99



87

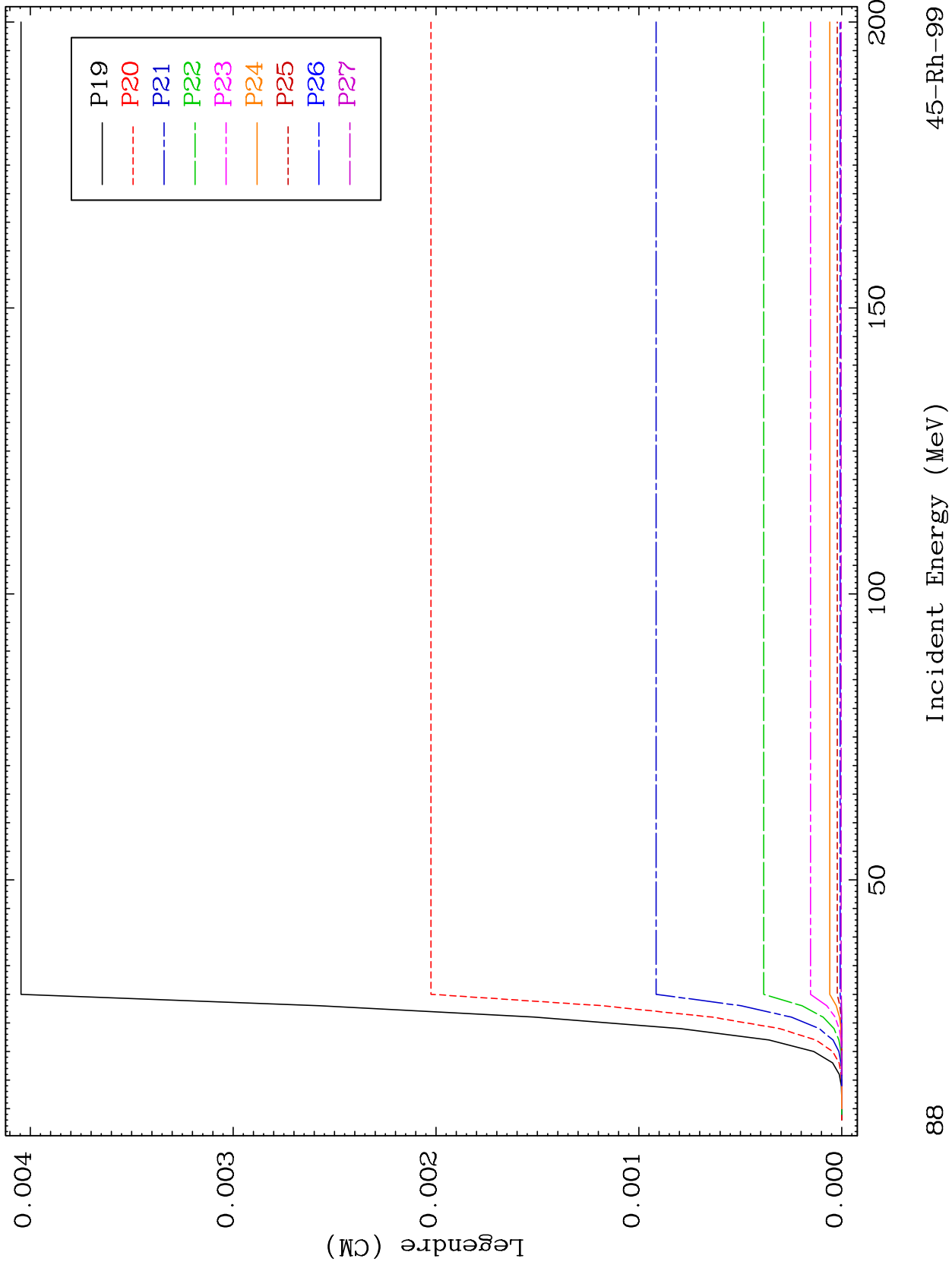
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



88

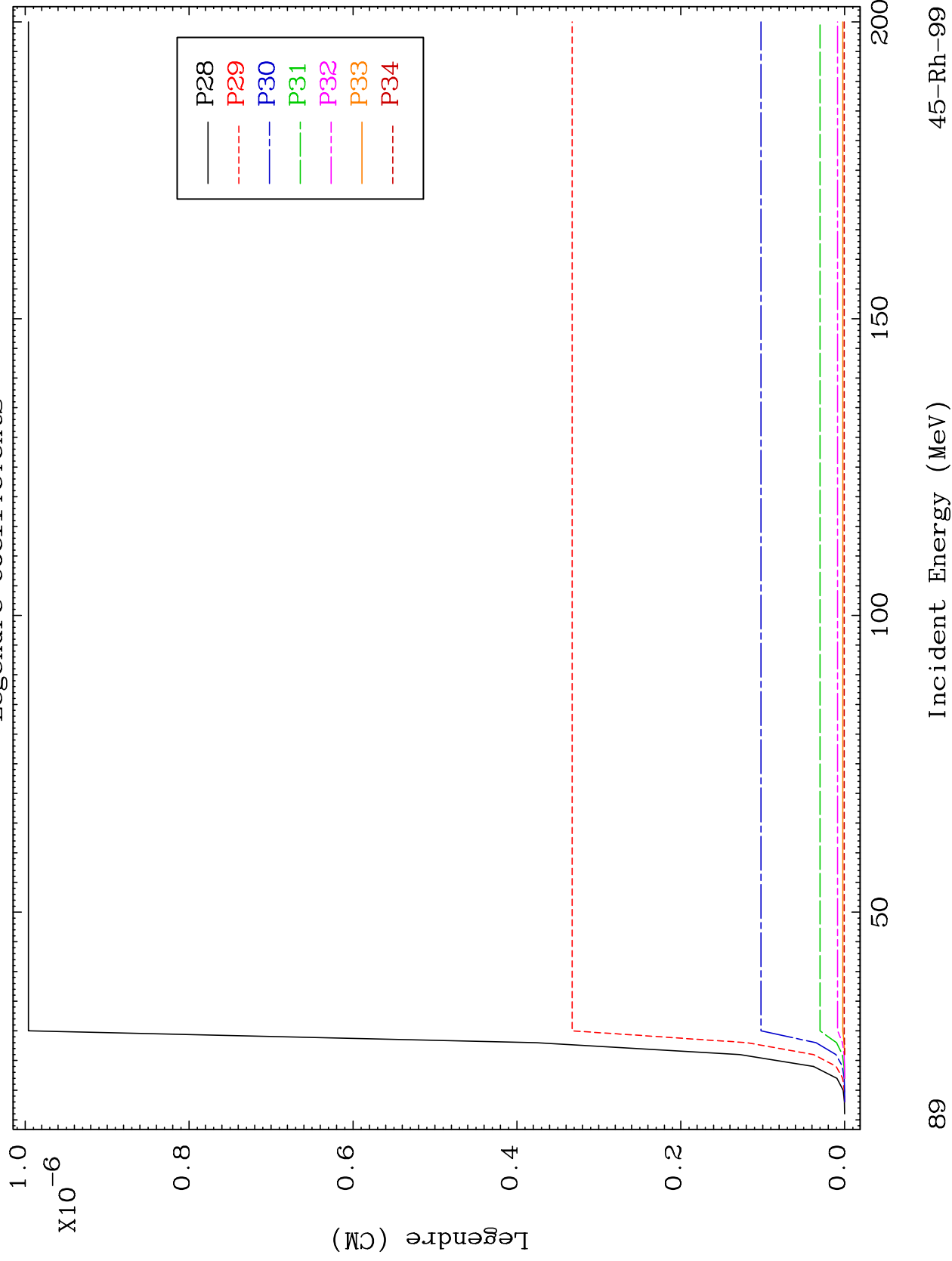
Incident Energy (MeV)

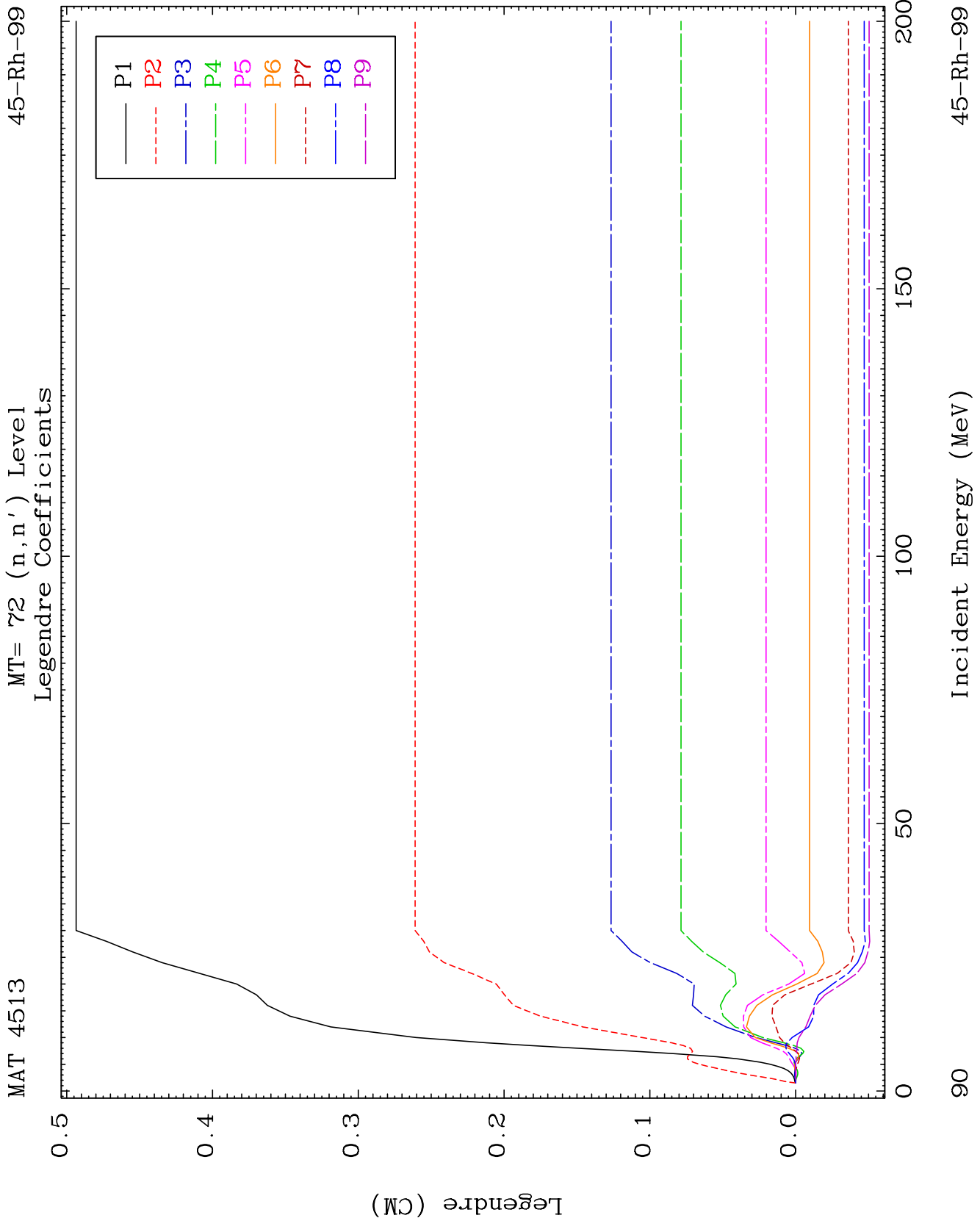
45-Rh-99

MAT 4513

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

45-Rh-99

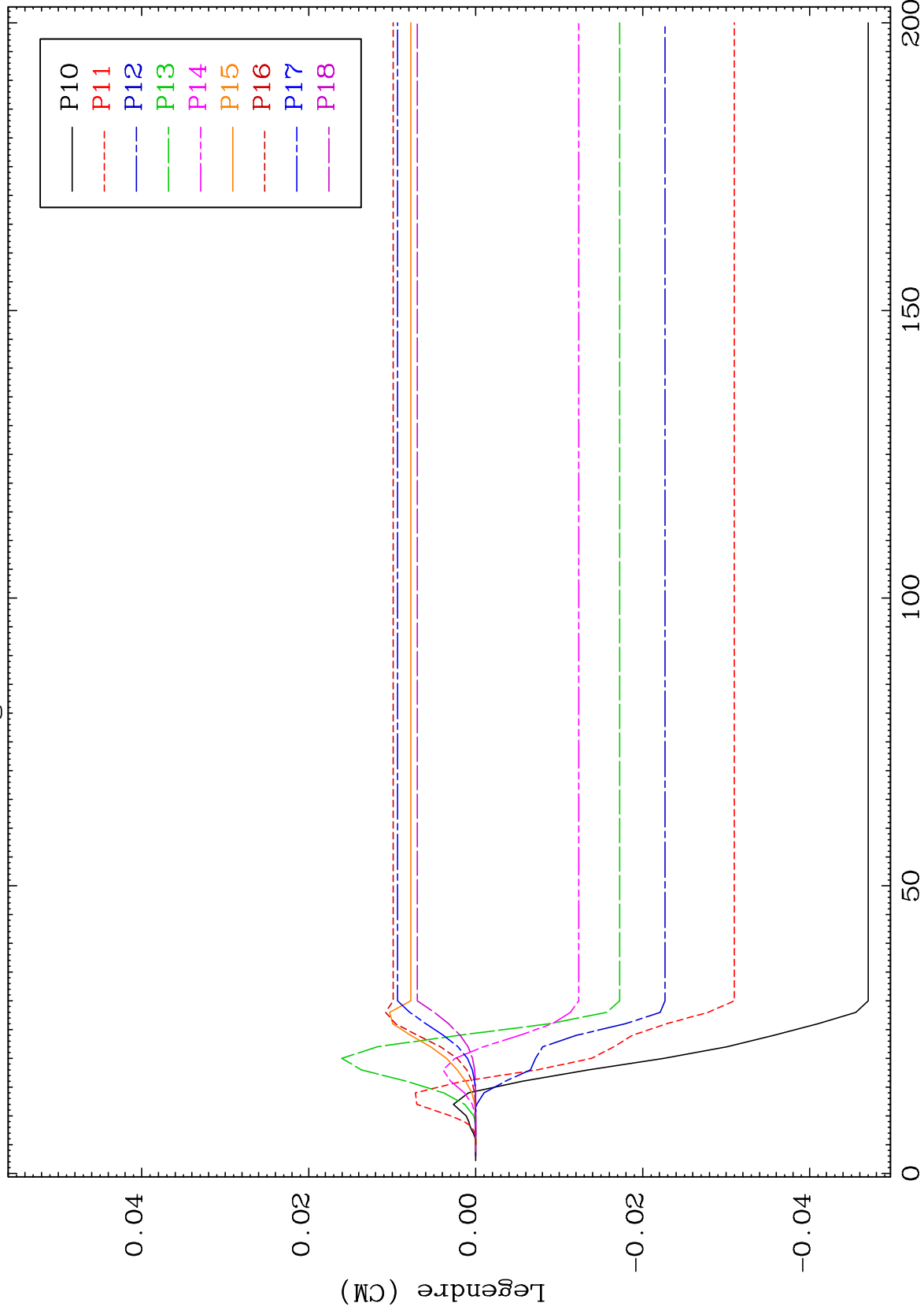




MAT 4513

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

45-Rh-99



91

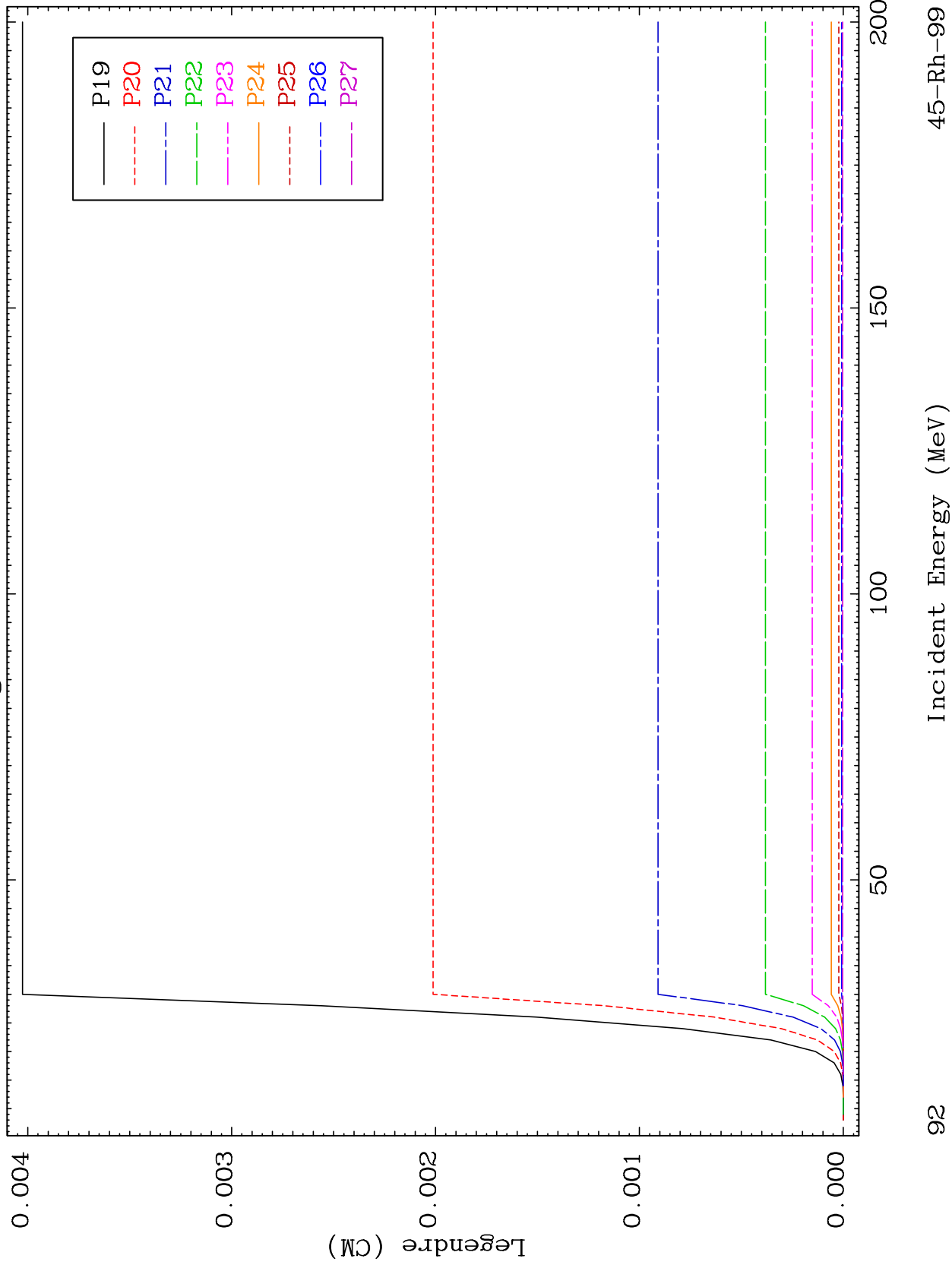
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



92

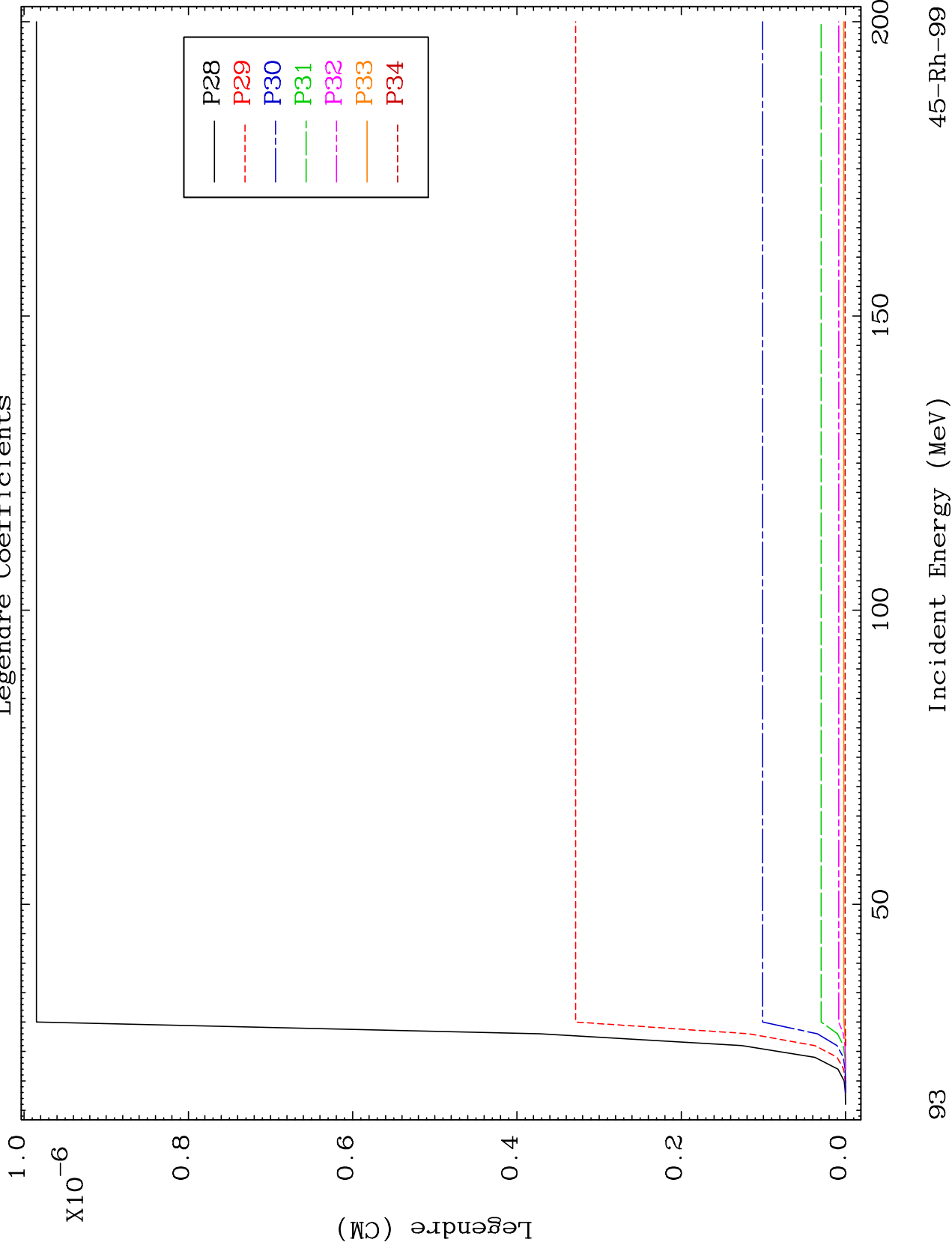
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99

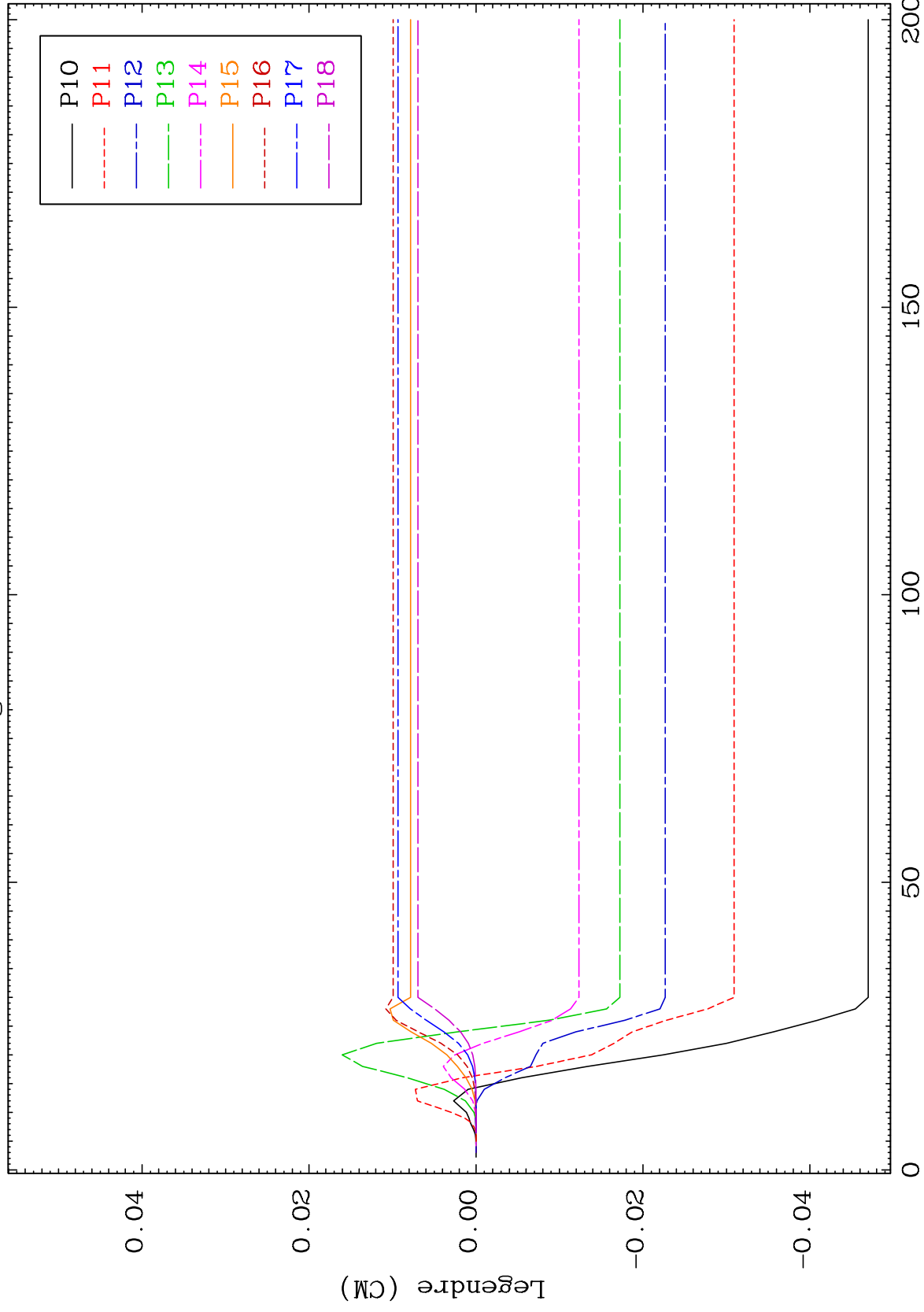


93

MAT 4513

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

45-Rh-99



95

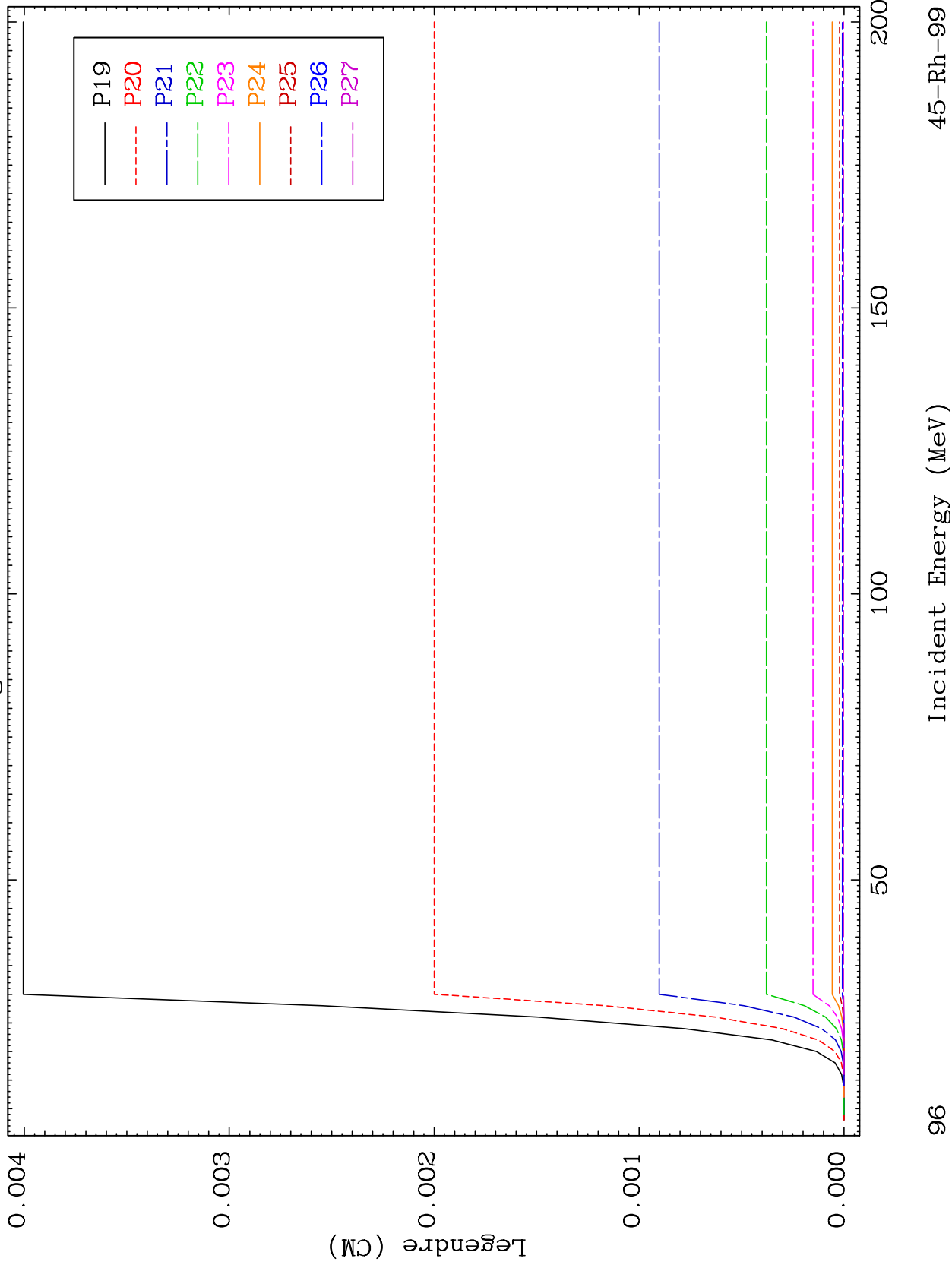
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



96

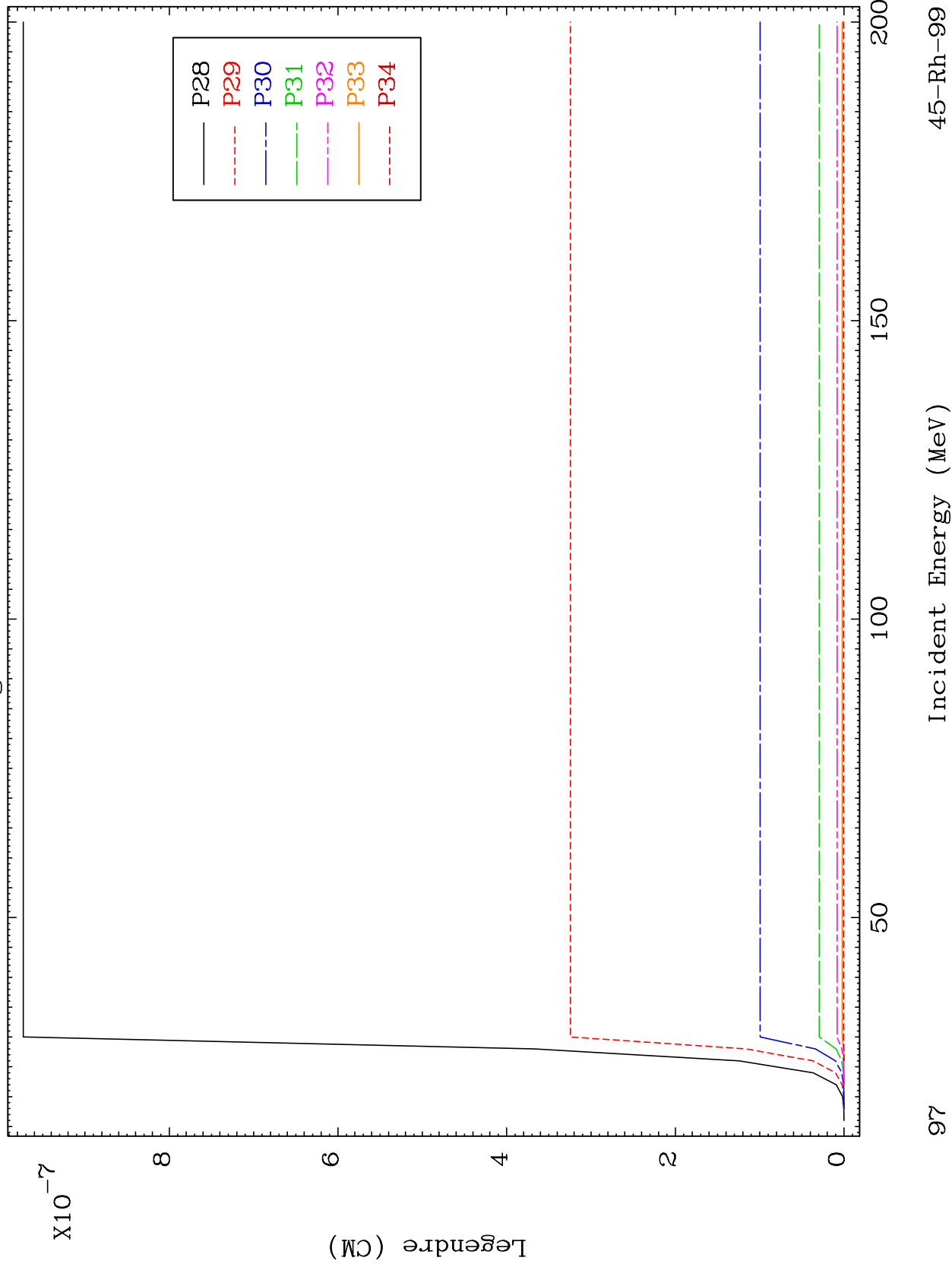
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

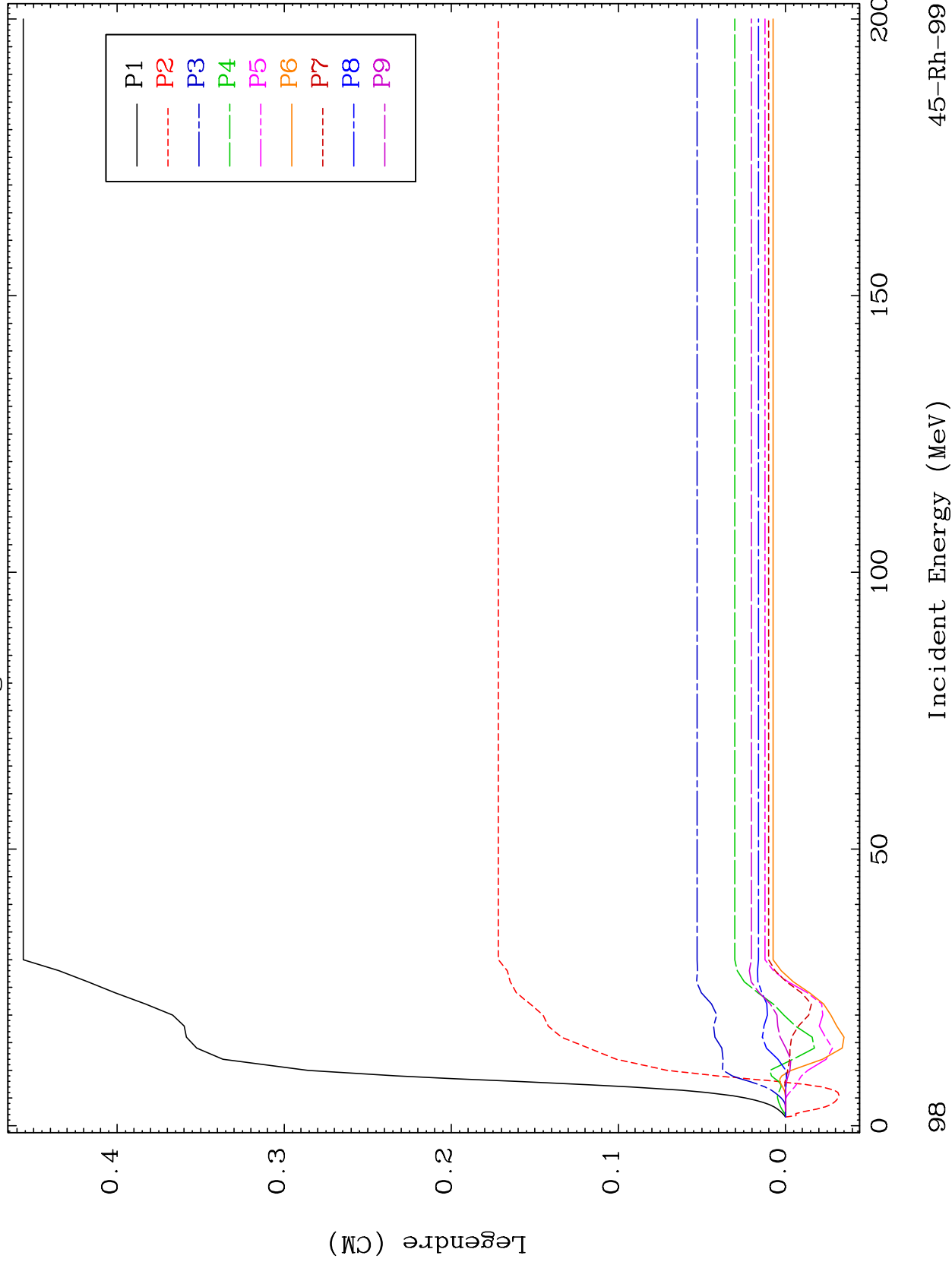
45-Rh-99



MAT 4513

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

45-Rh-99



45-Rh-99

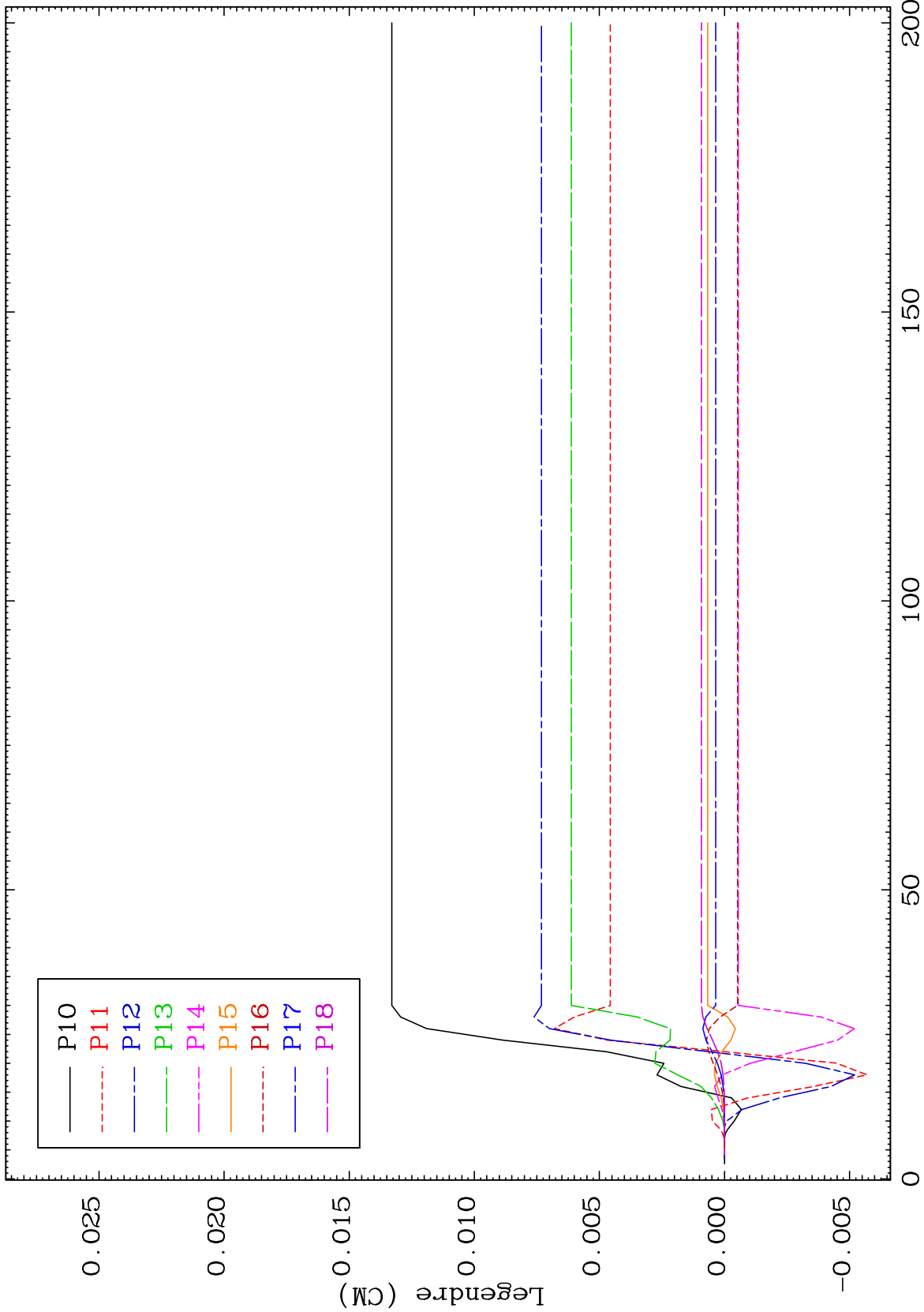
Incident Energy (MeV)

98

MAT 4513

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

45-Rh-99



99

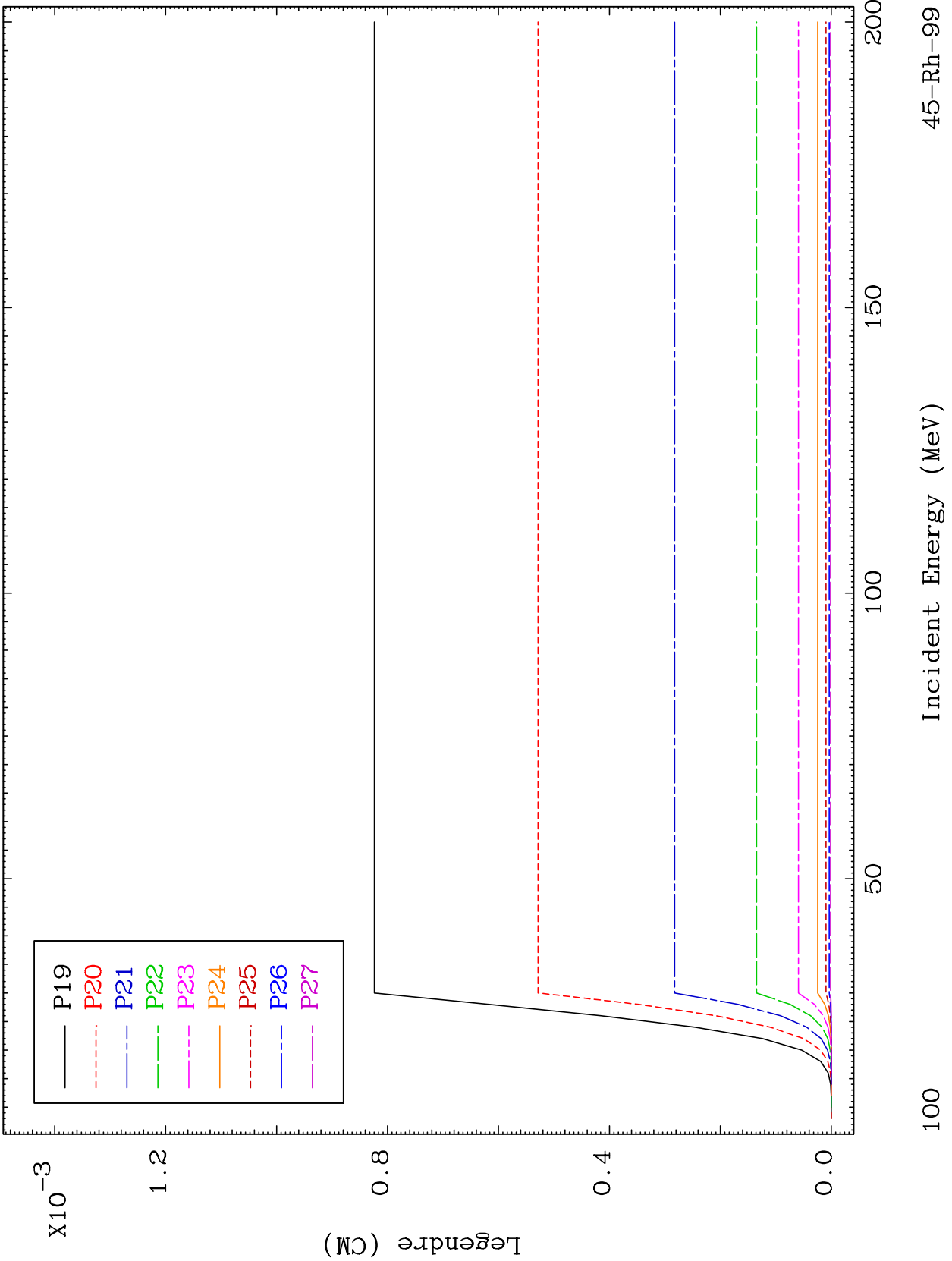
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

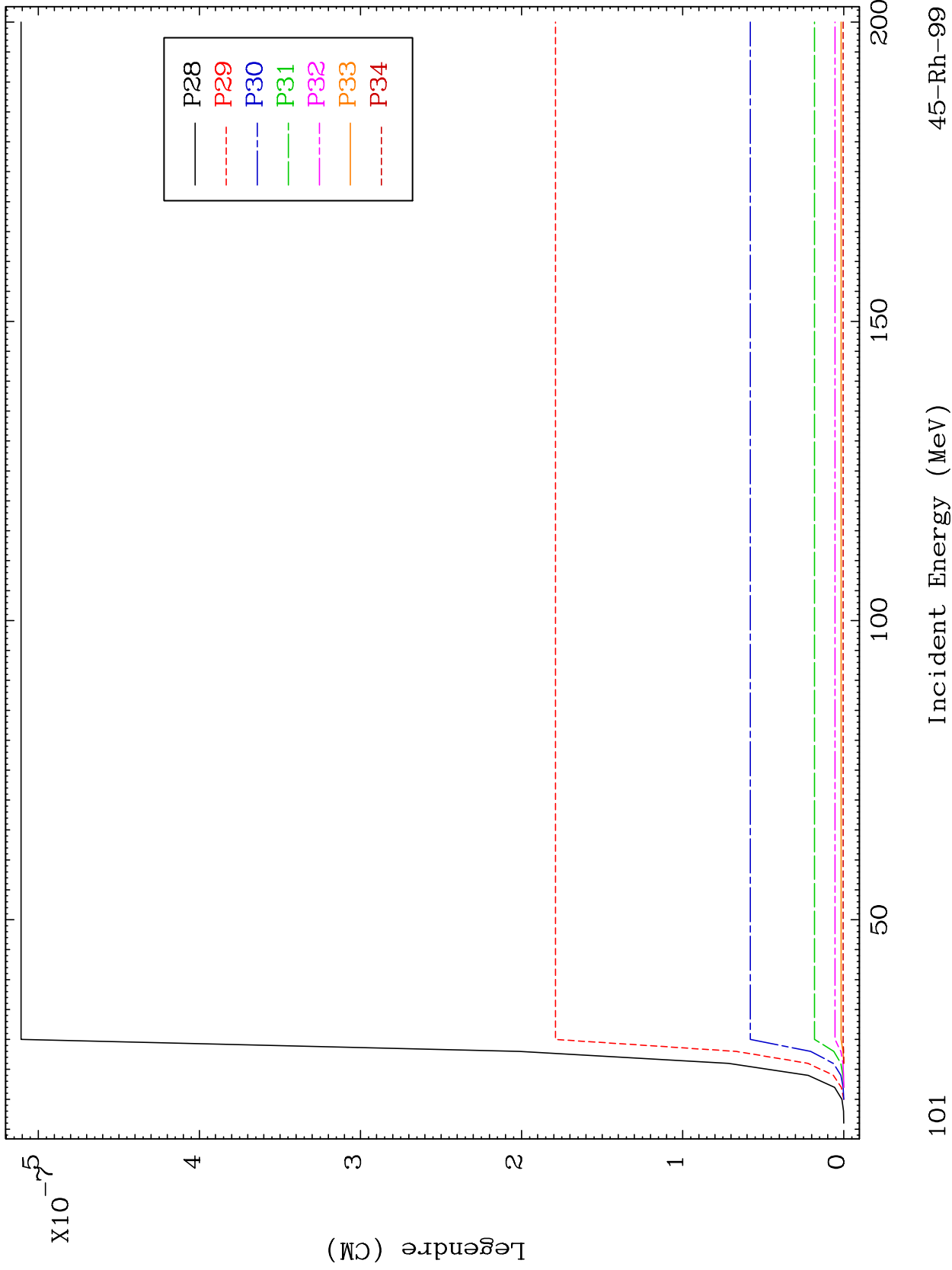
45-Rh-99

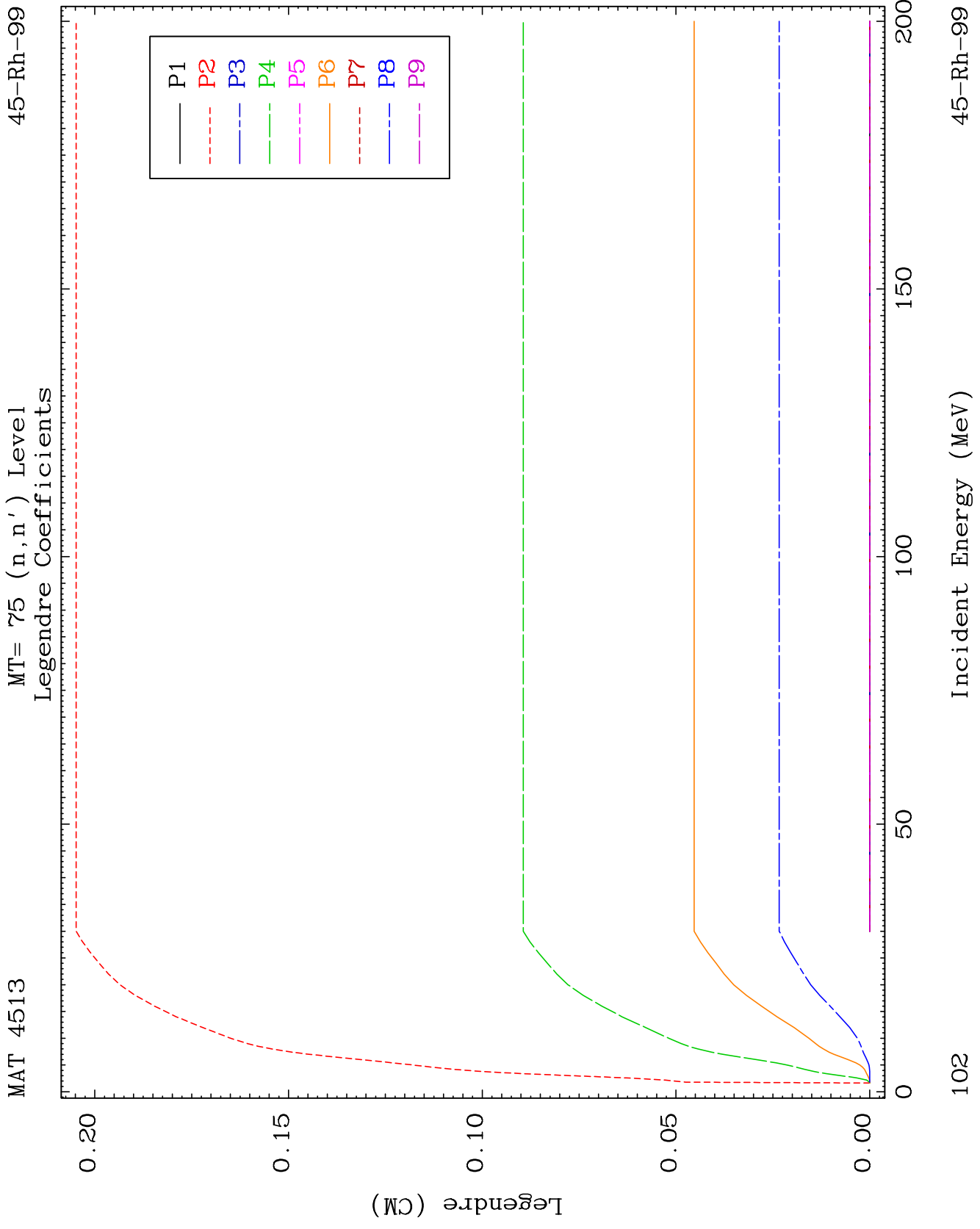


MAT 4513

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

45-Rh-99

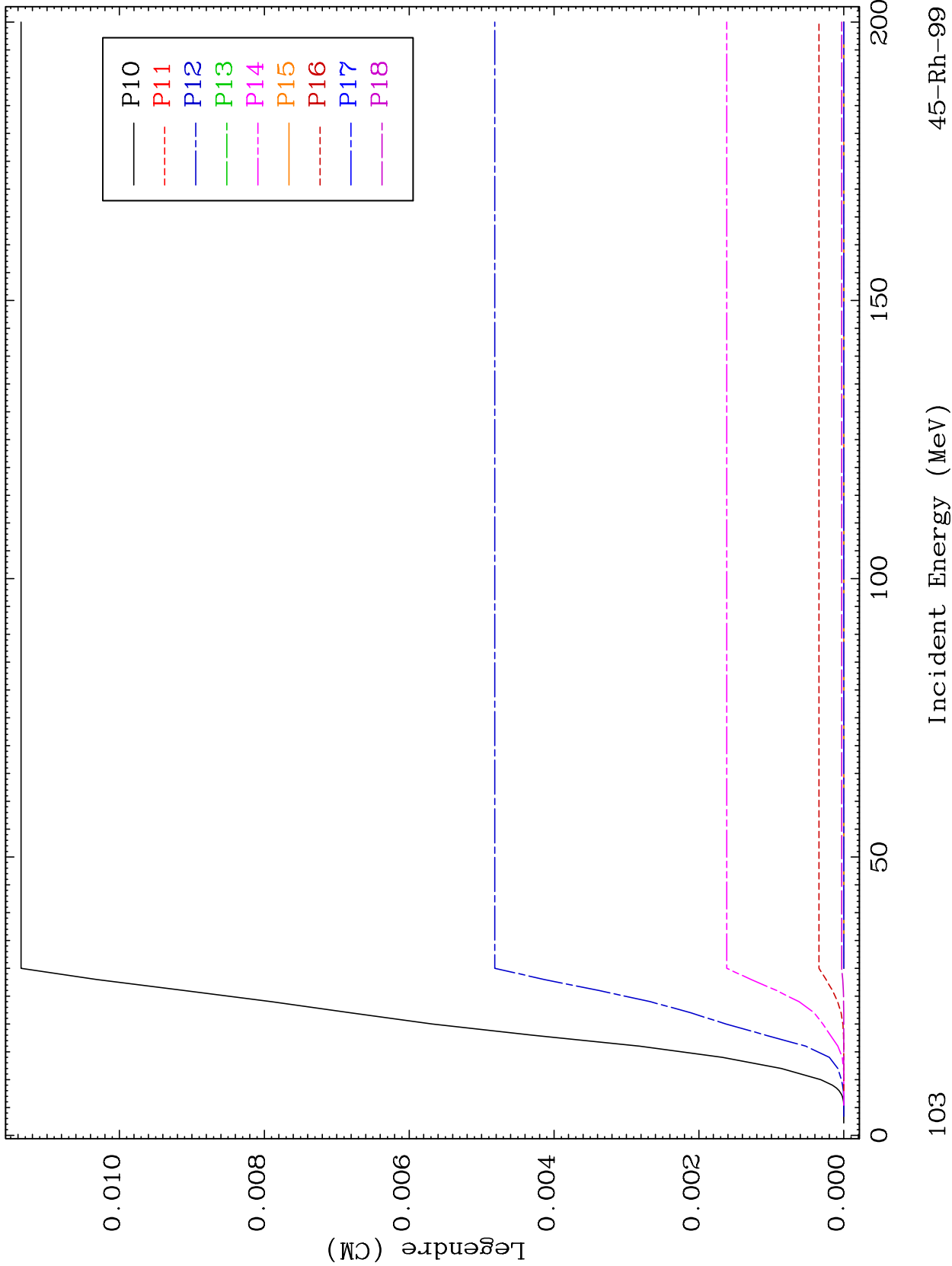




MAT 4513

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

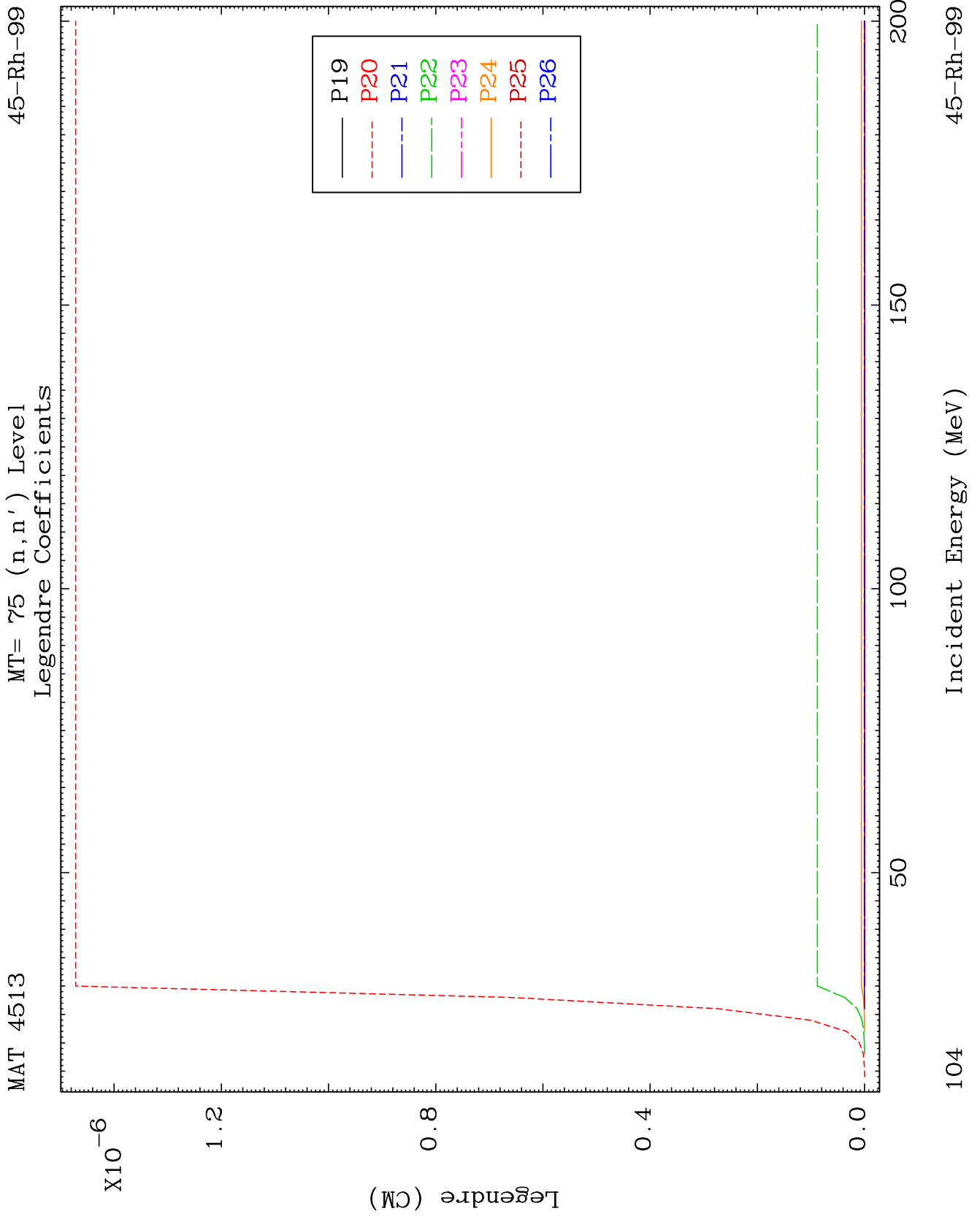
45-Rh-99



45-Rh-99

Incident Energy (MeV)

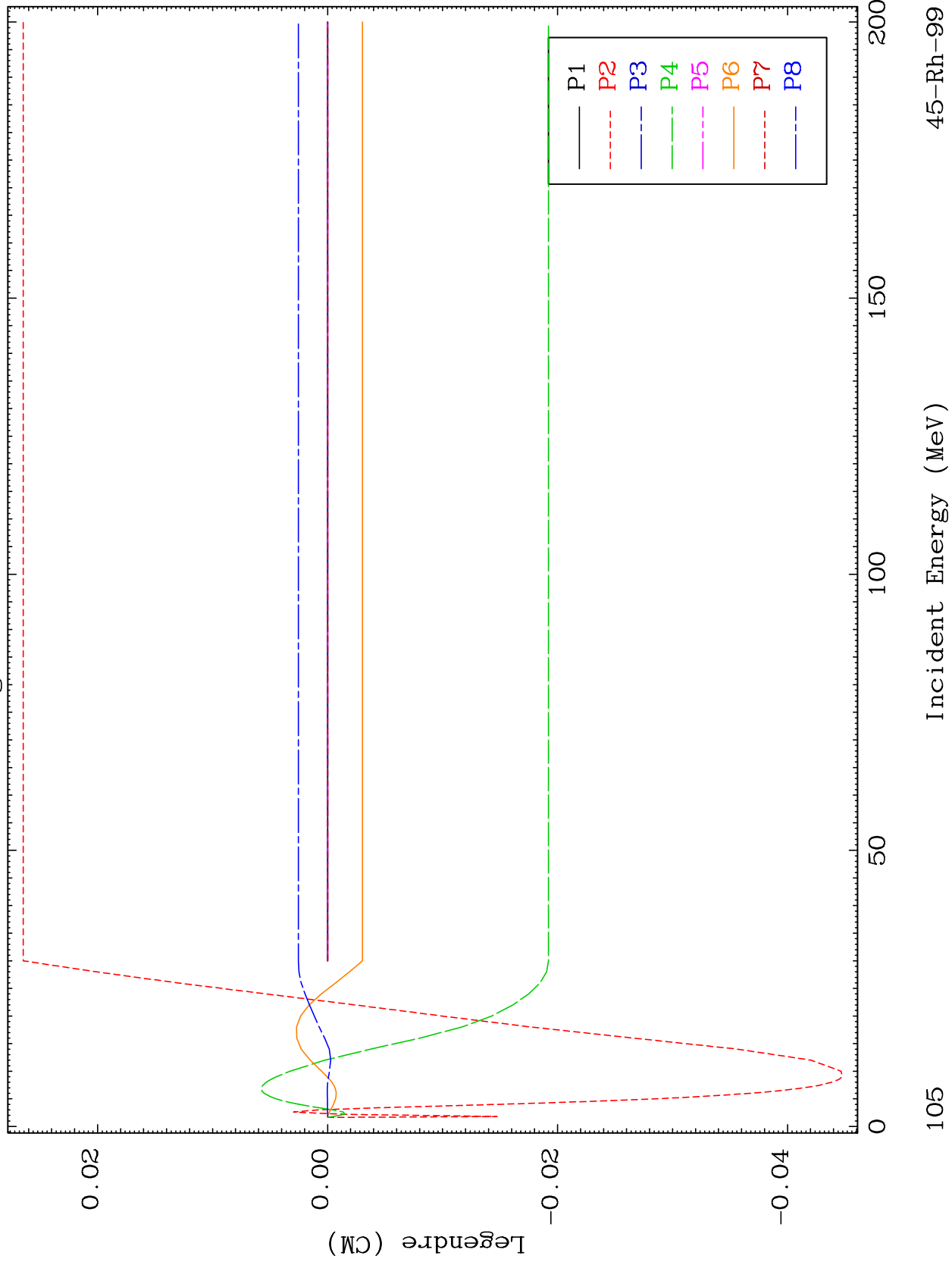
103



MAT 4513

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

45-Rh-99

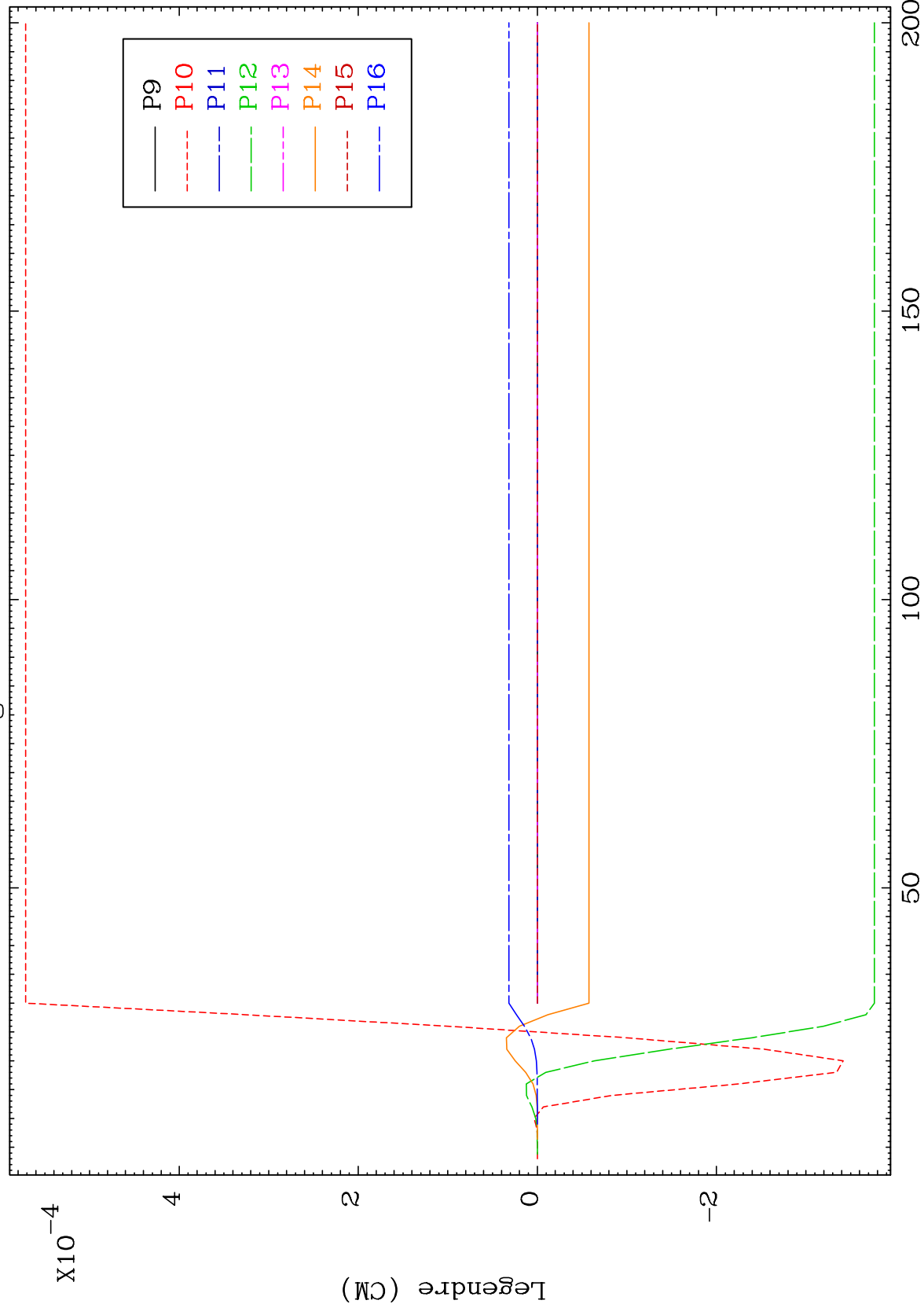


45-Rh-99

MAT 4513

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

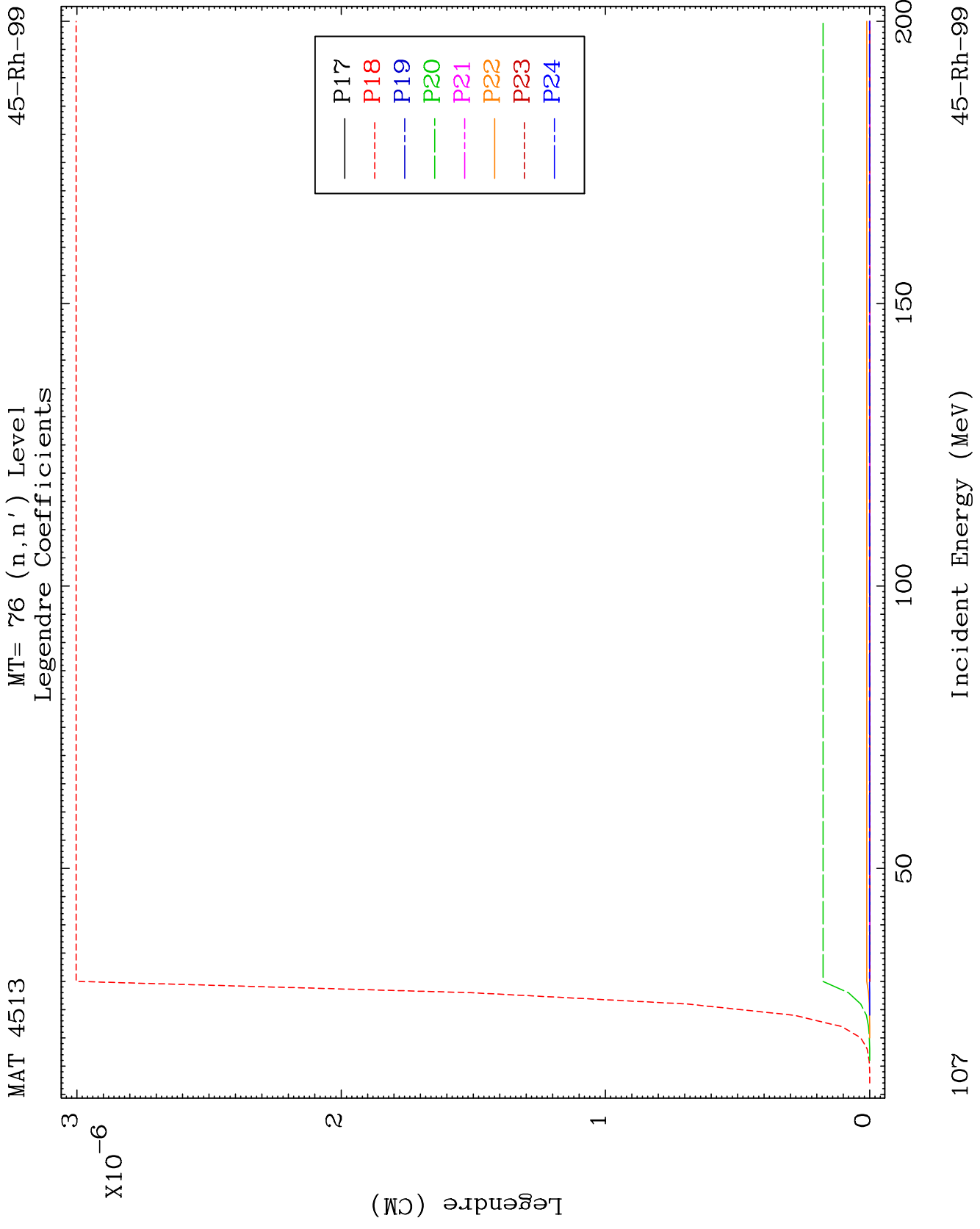
45-Rh-99



106

Incident Energy (MeV)

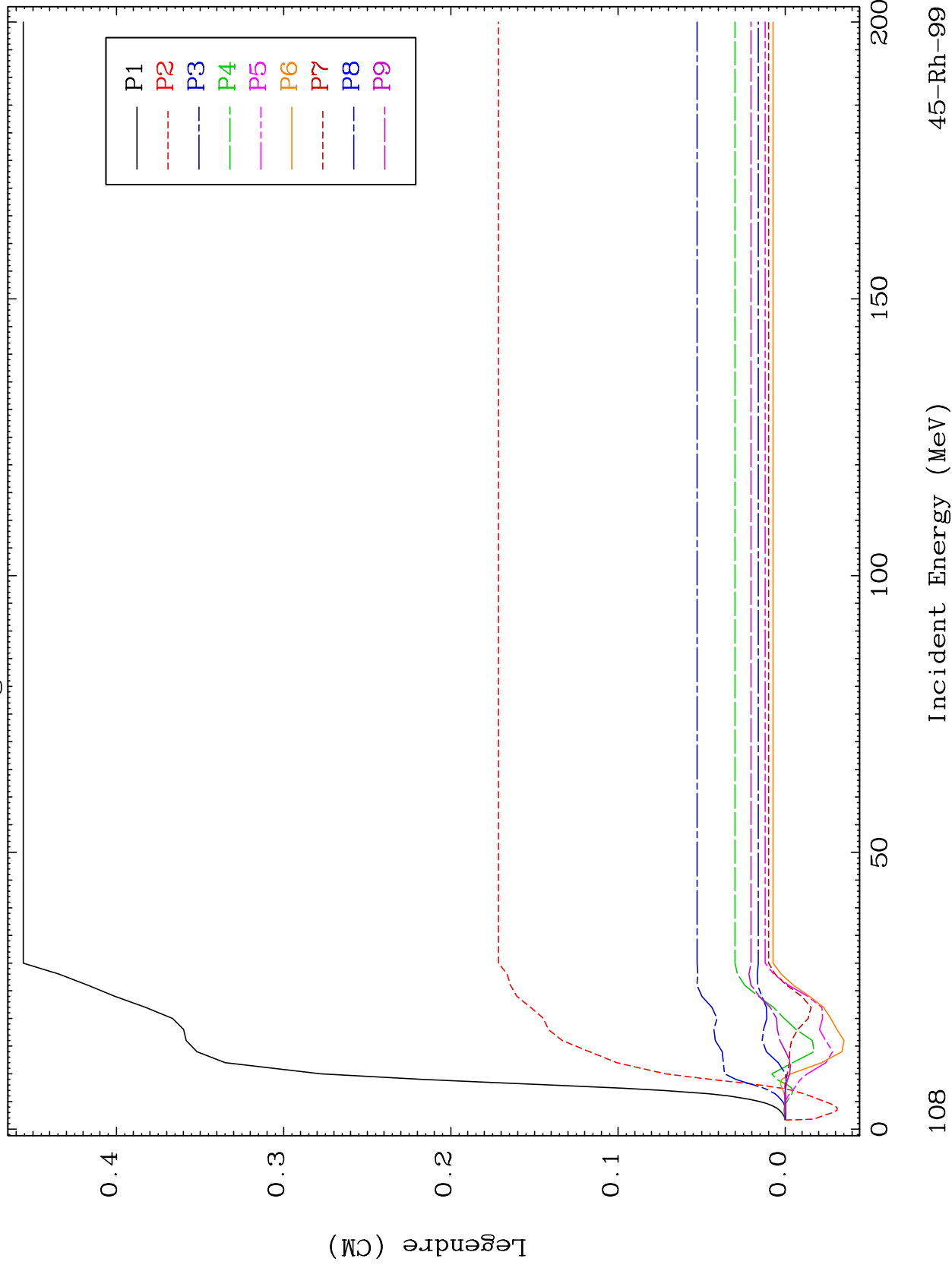
45-Rh-99



MAT 4513

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

45-Rh-99



45-Rh-99

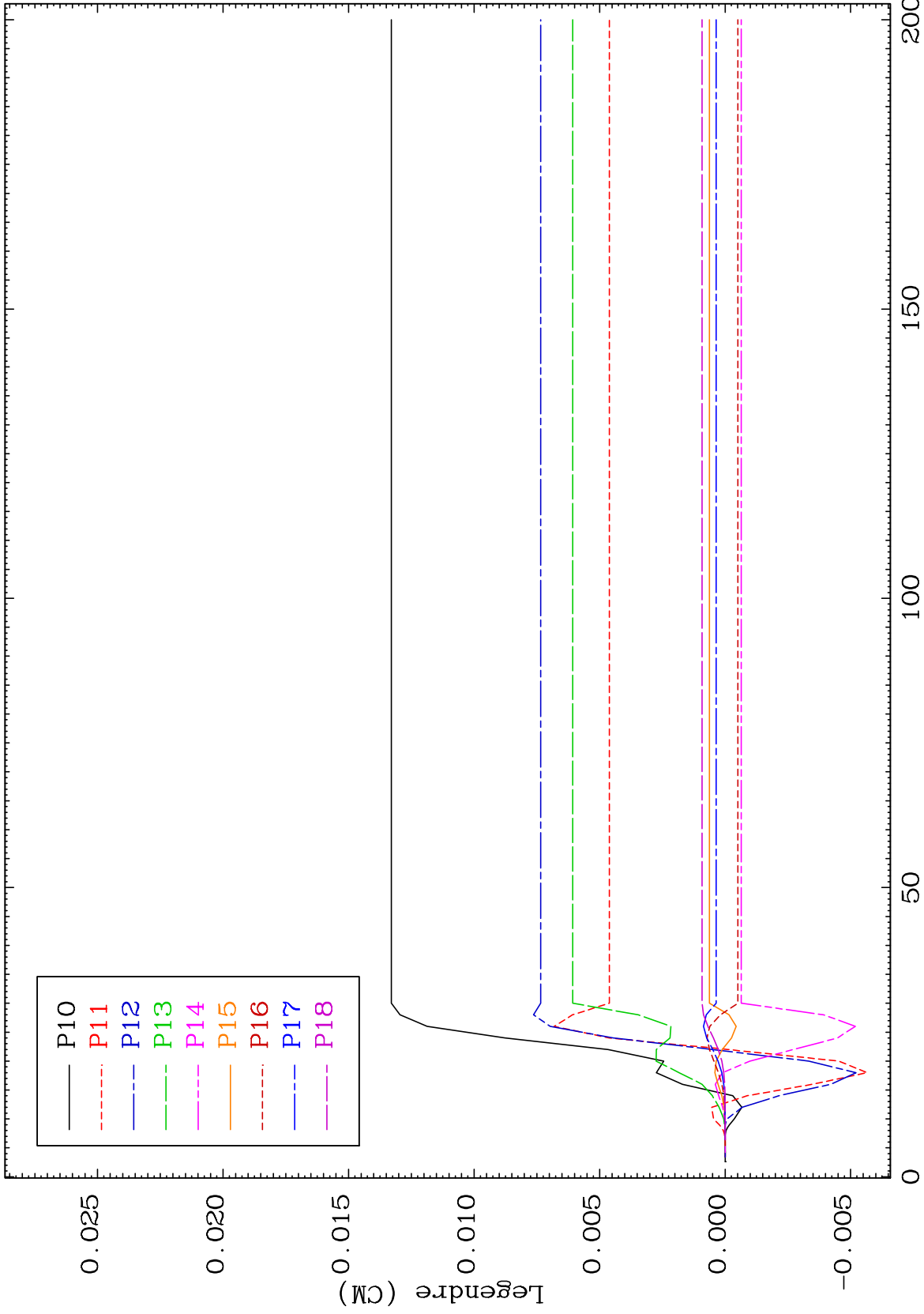
Incident Energy (MeV)

108

MAT 4513

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

45-Rh-99



109

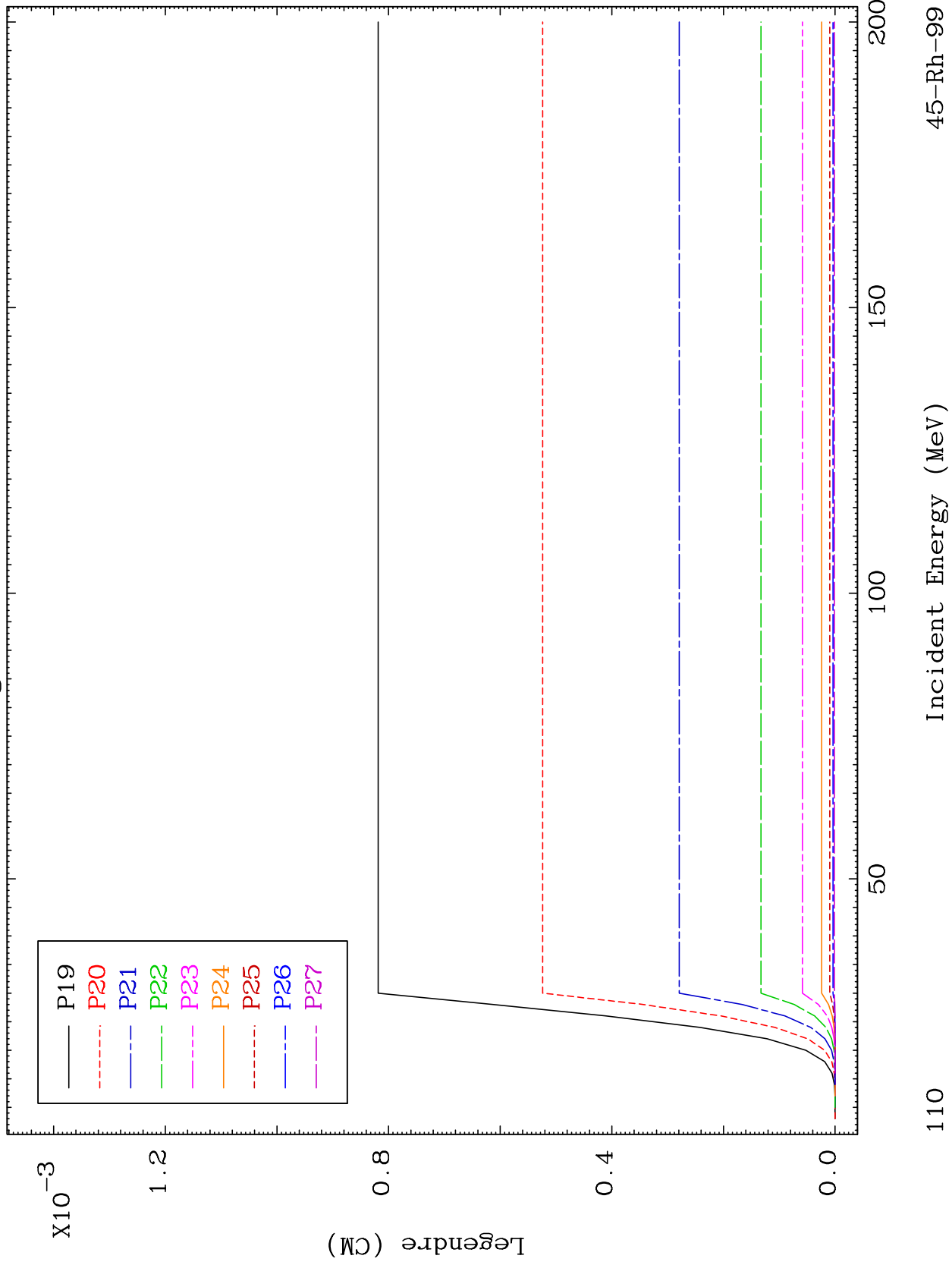
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

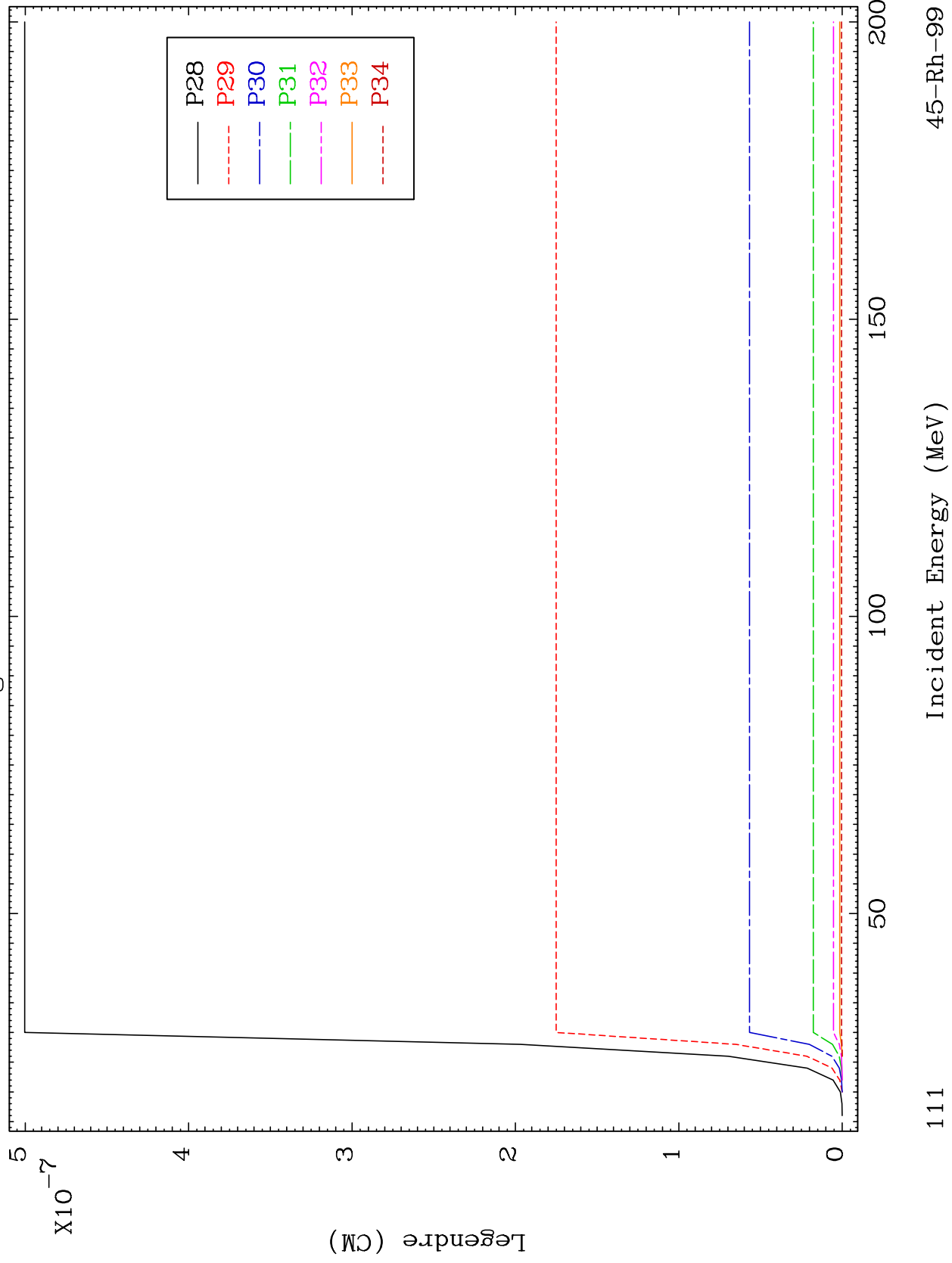
45-Rh-99



MAT 4513

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

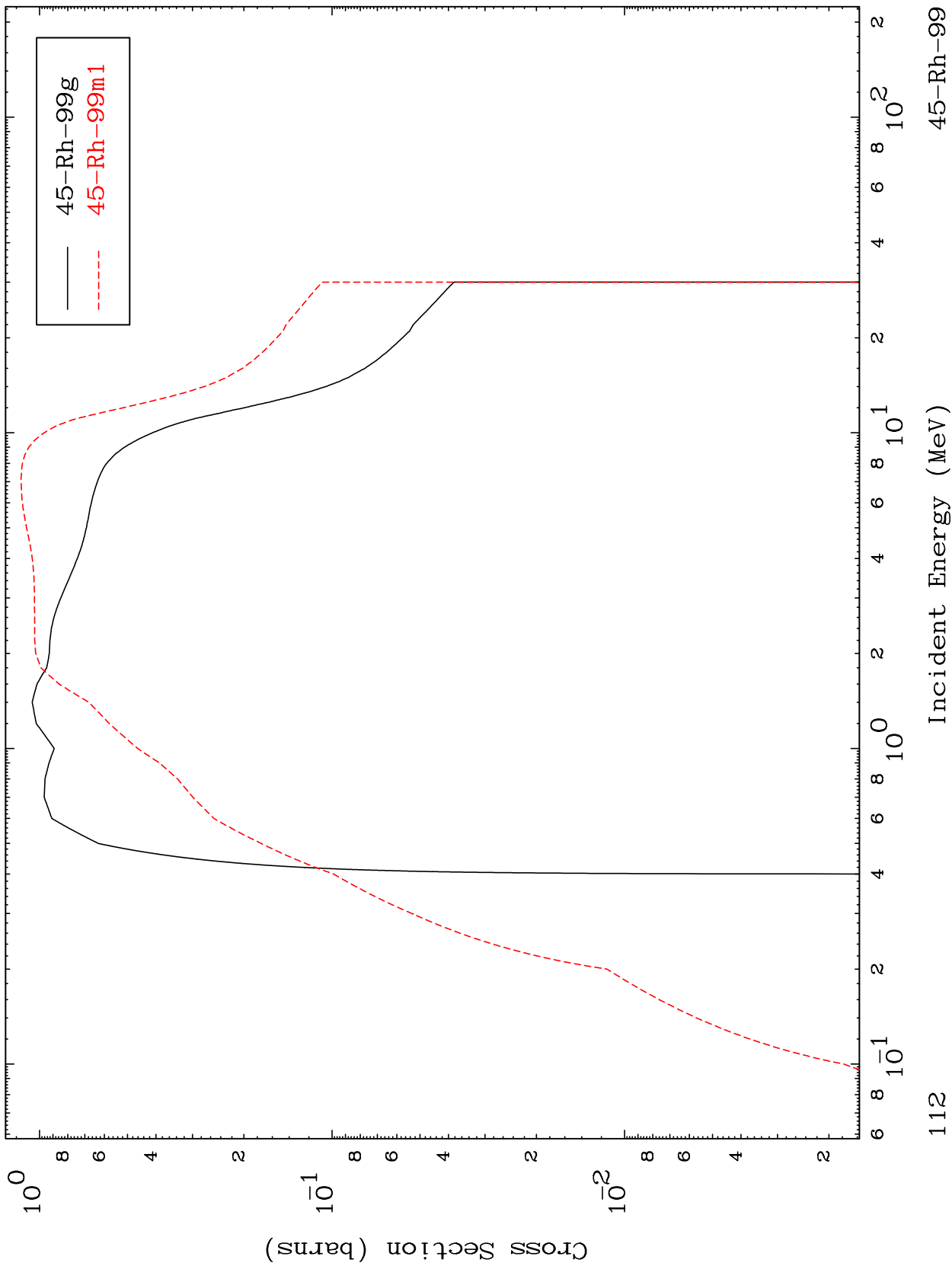
45-Rh-99



MAT 4513

45-Rh-99

Inelastic
Radionuclide Production Cross Section



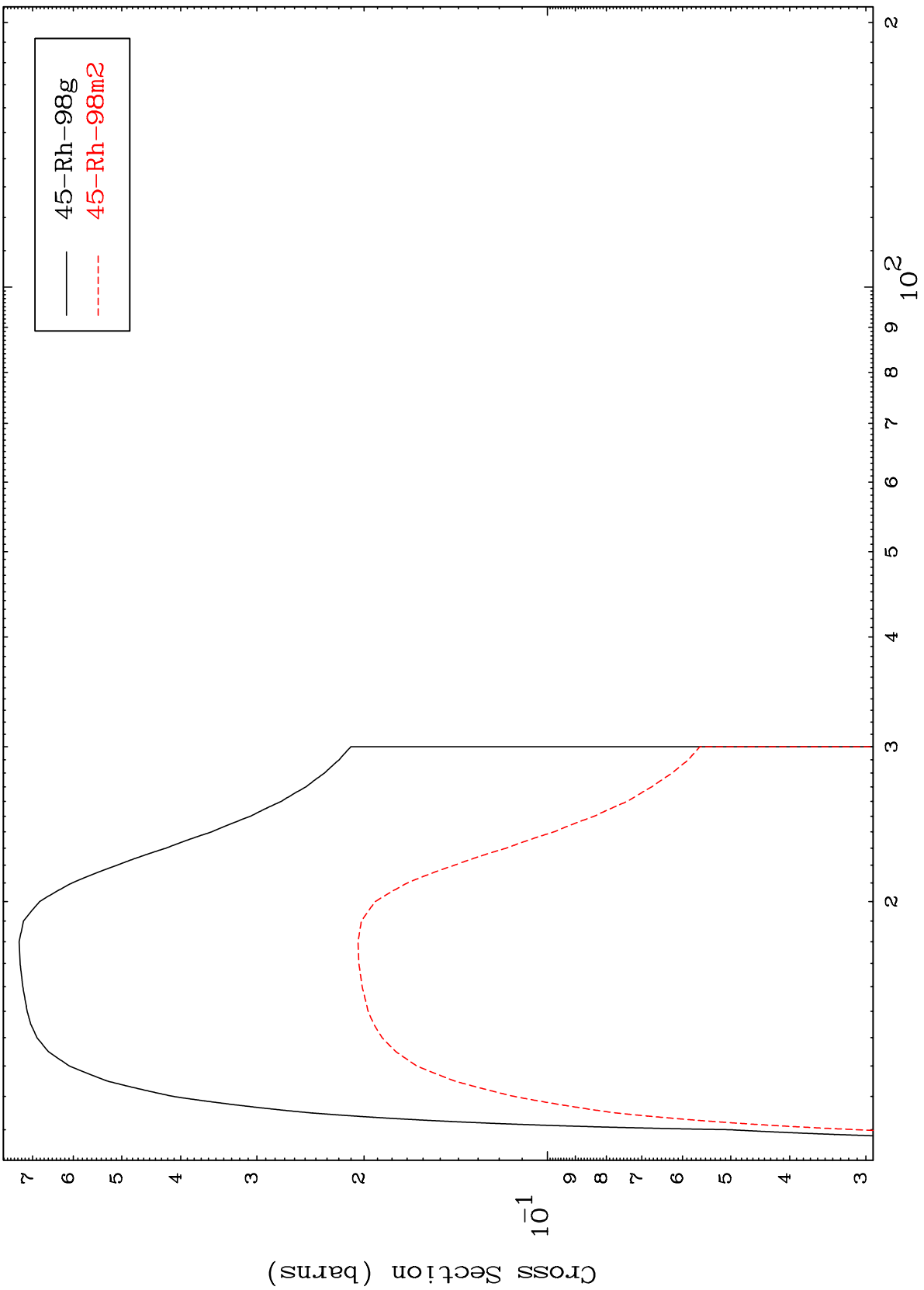
112

45-Rh-99

MAT 4513

45-Rh-99

(n,2n)
Radionuclide Production Cross Section



113

Incident Energy (MeV)

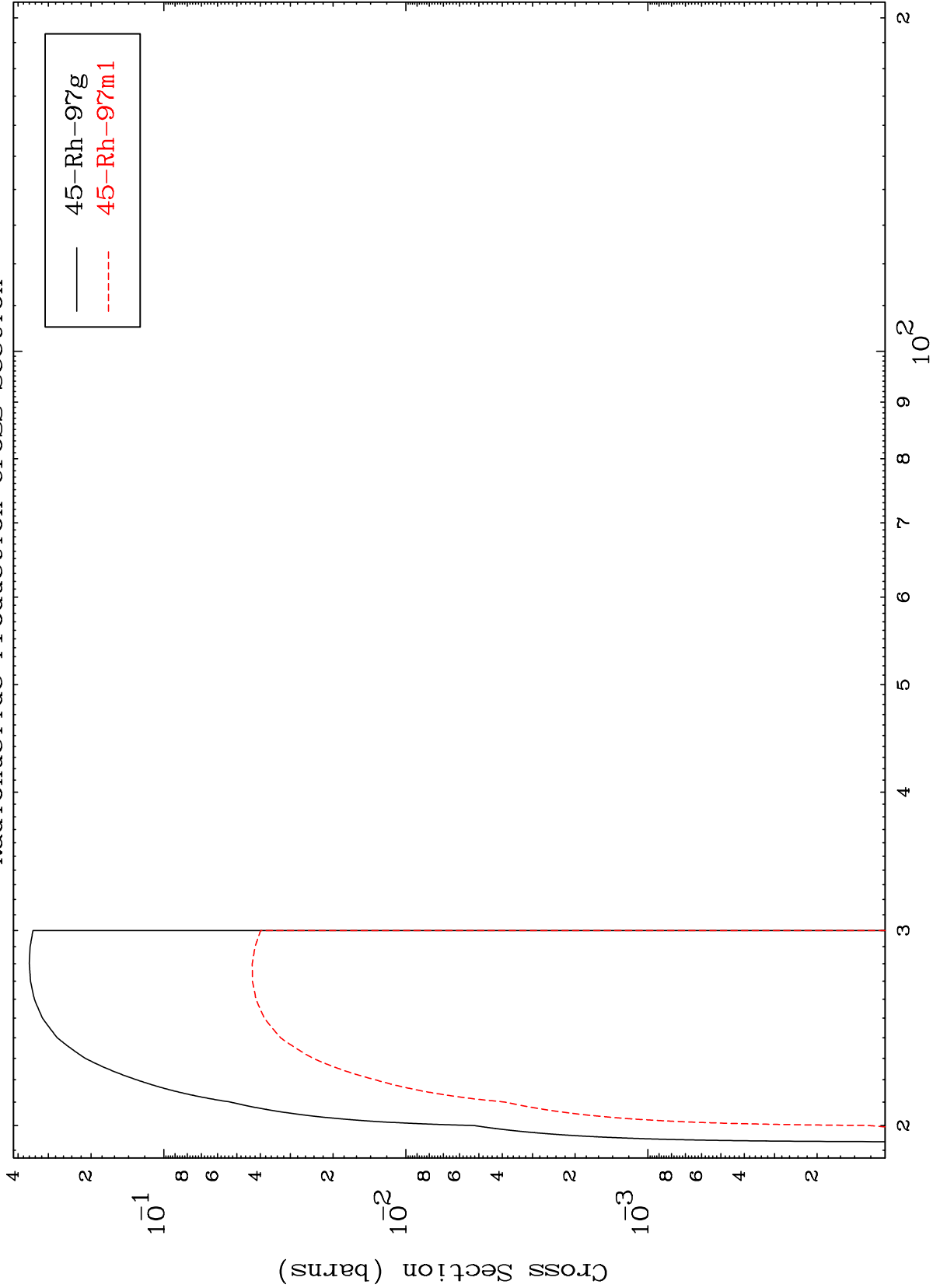
45-Rh-99

MAT 4513

(n,3n)

45-Rh-99

Radionuclide Production Cross Section



114

Incident Energy (MeV)

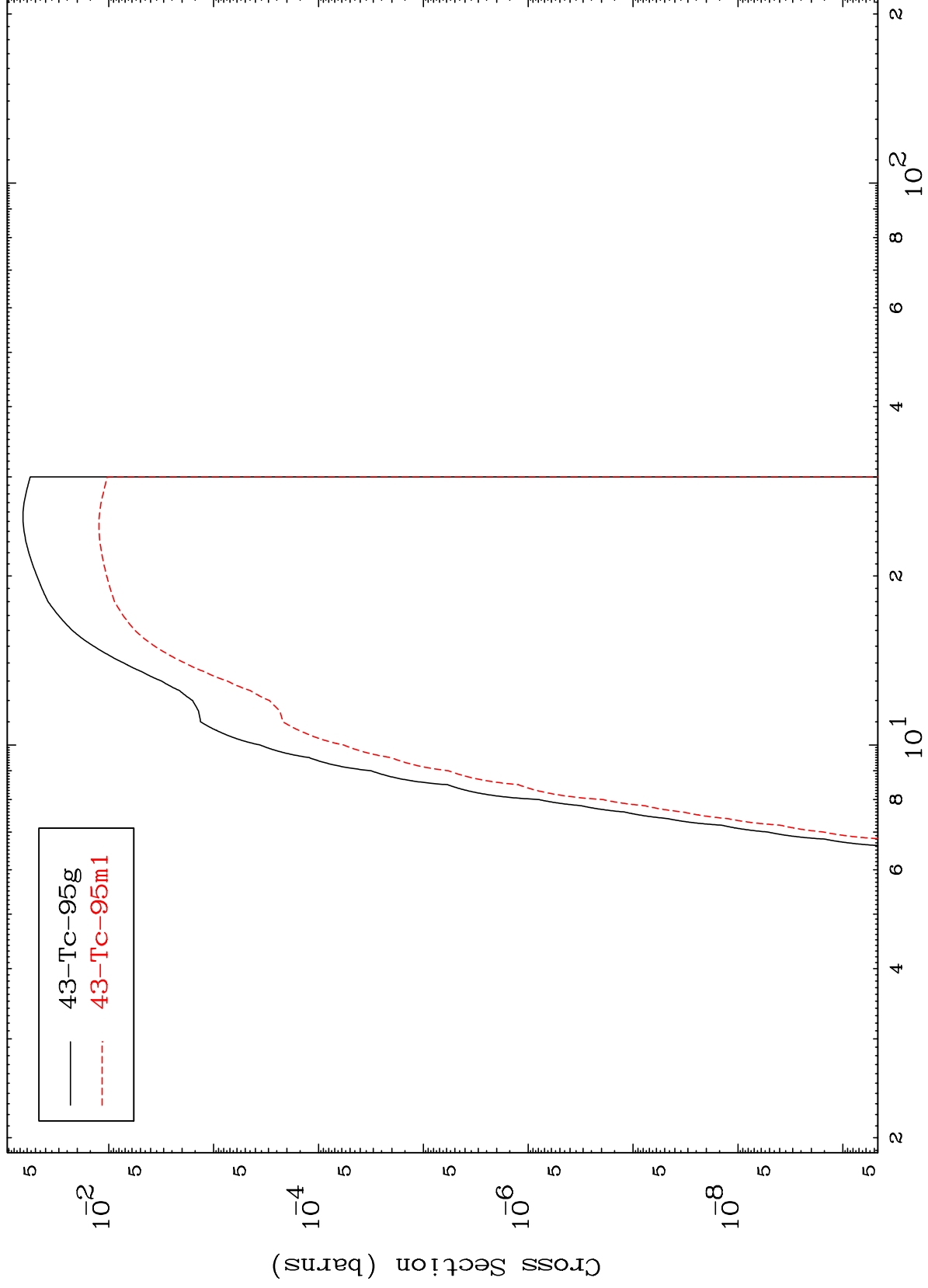
45-Rh-99

MAT 4513

(n,n') α

45-Rh-99

Radionuclide Production Cross Section

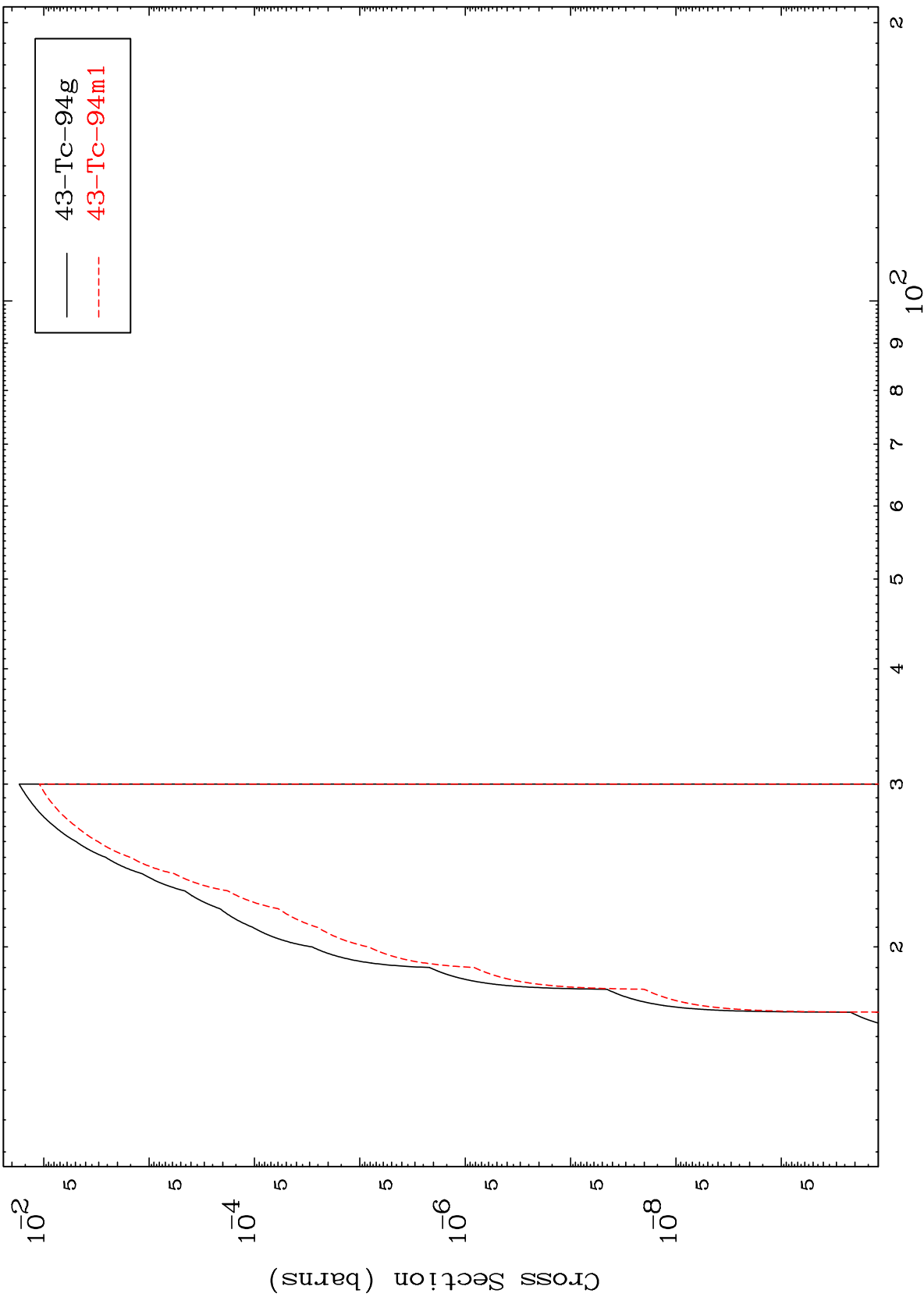


115

Incident Energy (MeV)

45-Rh-99

Radionuclide Production Cross Section

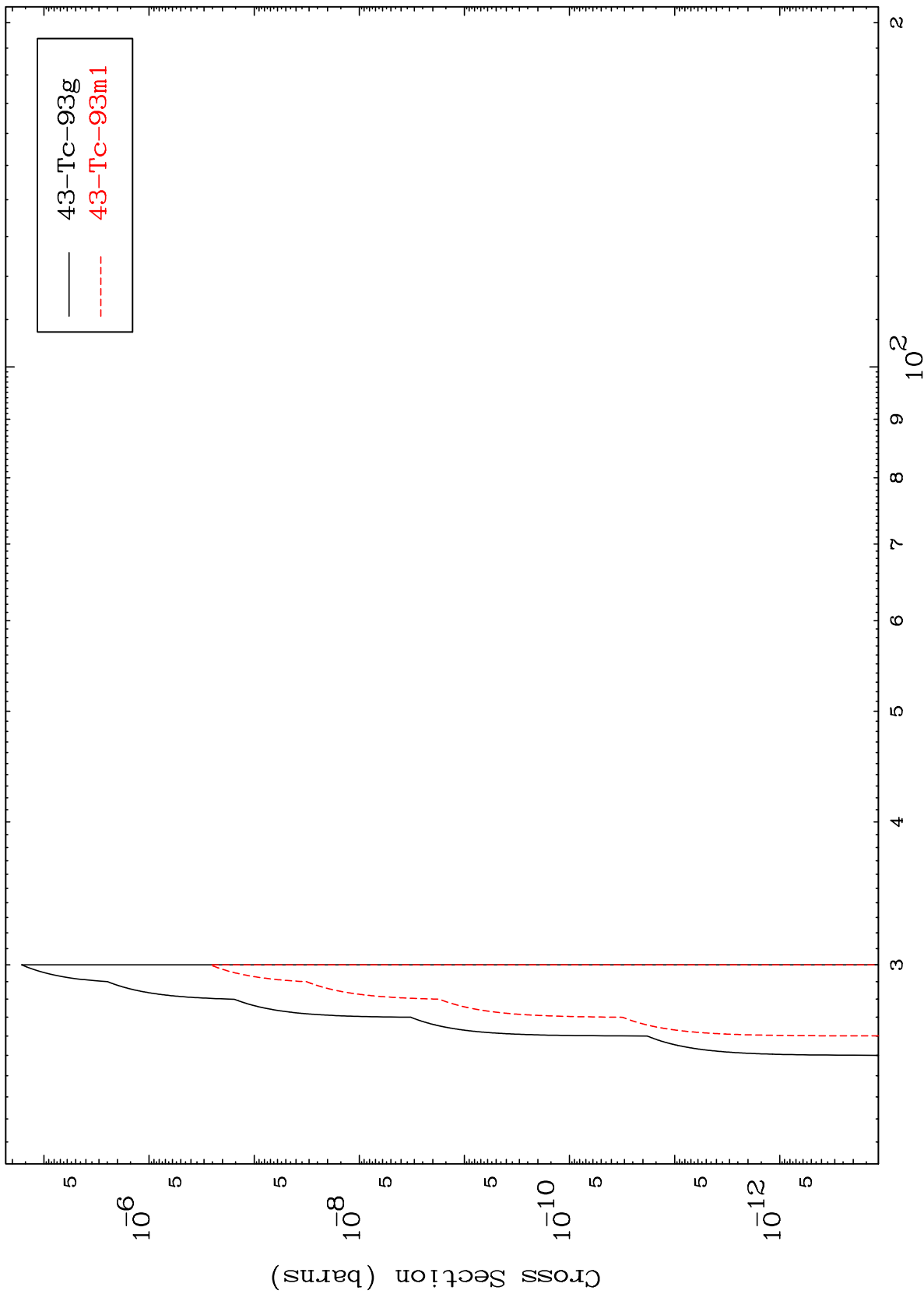


MAT 4513

(n,3n) α

45-Rh-99

Radionuclide Production Cross Section



117

Incident Energy (MeV)

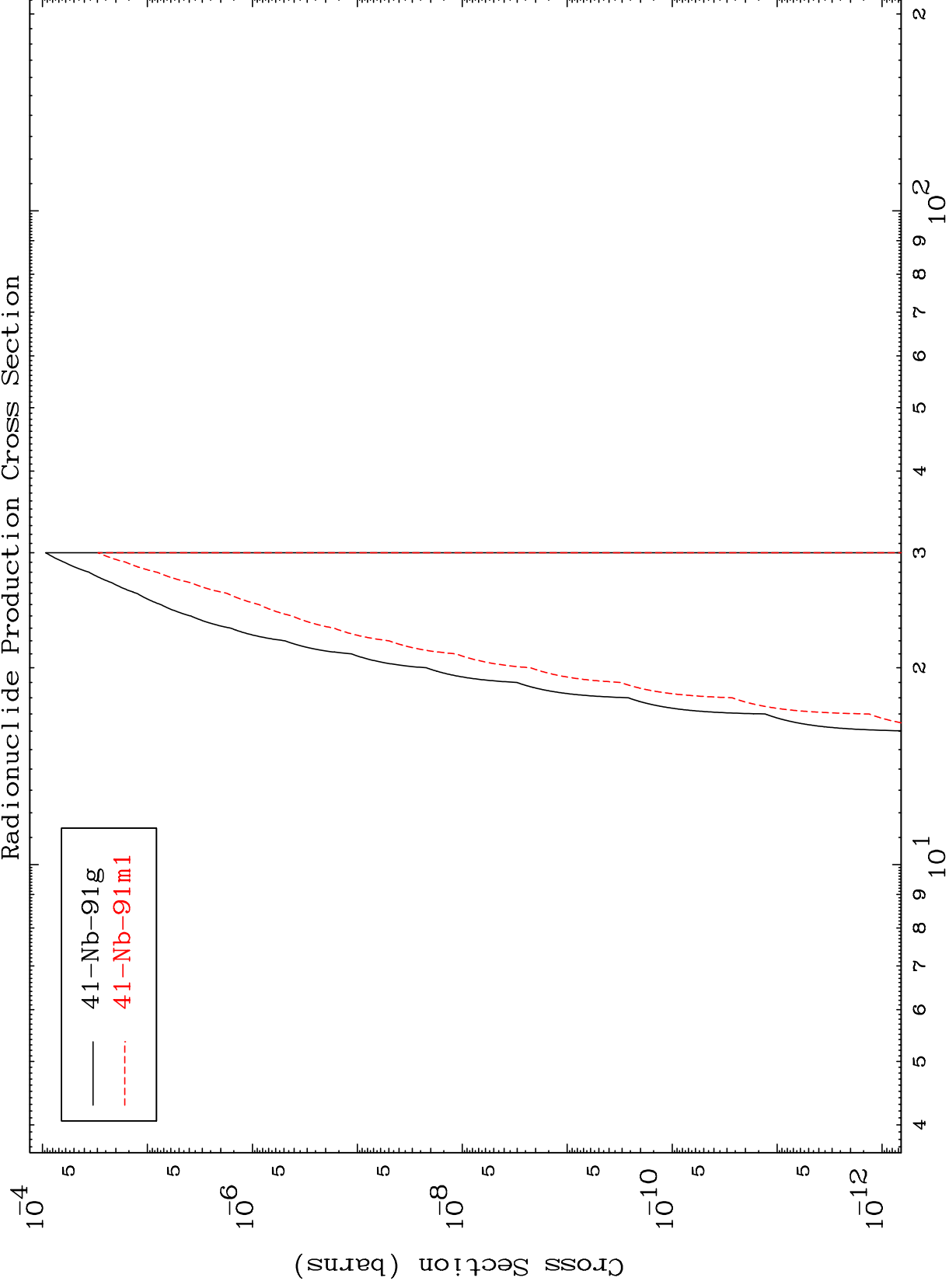
45-Rh-99

MAT 4513

(n,n') 2α

45-Rh-99

Radionuclide Production Cross Section

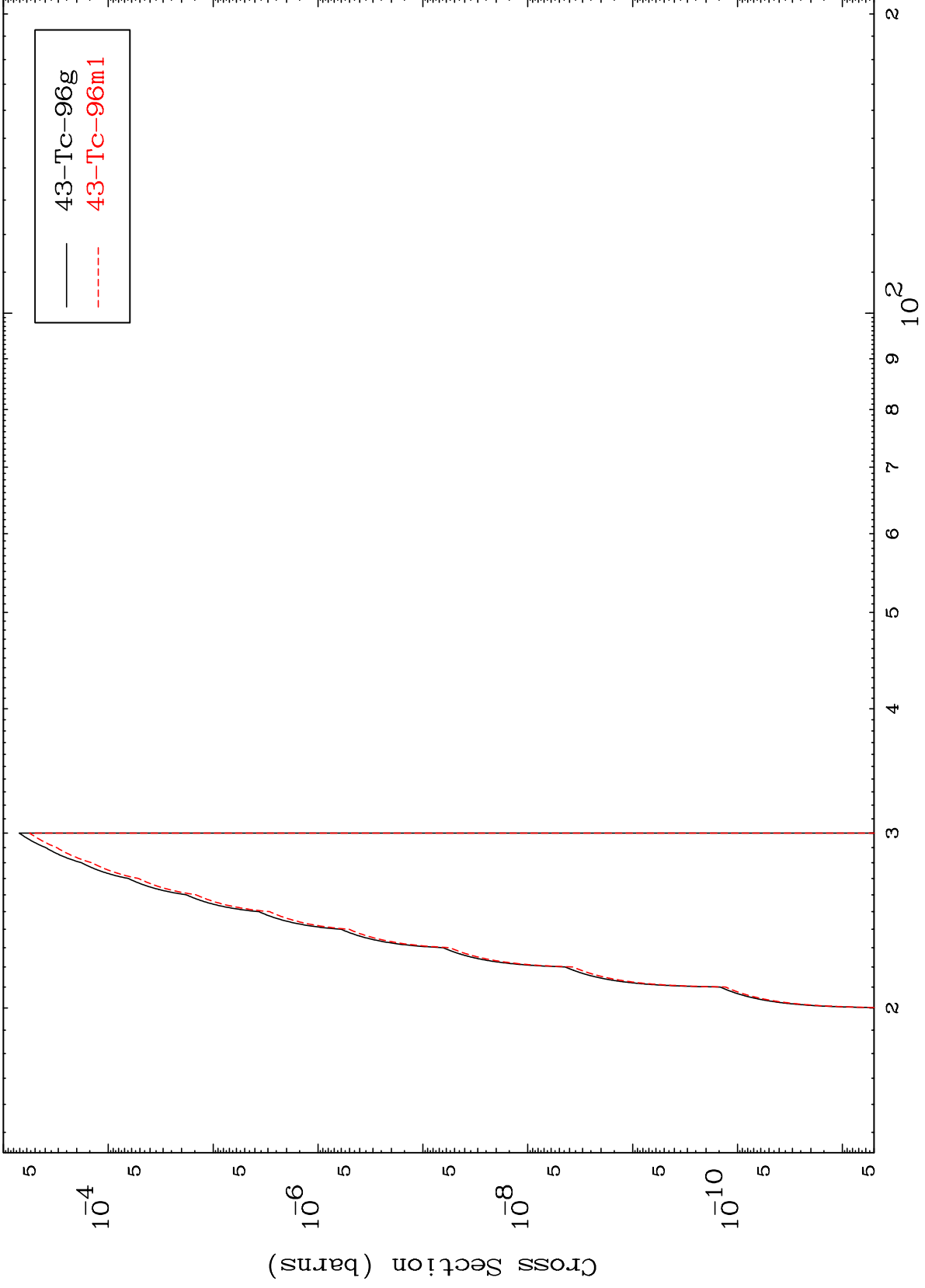


118

Incident Energy (MeV)

45-Rh-99

Radionuclide Production Cross Section

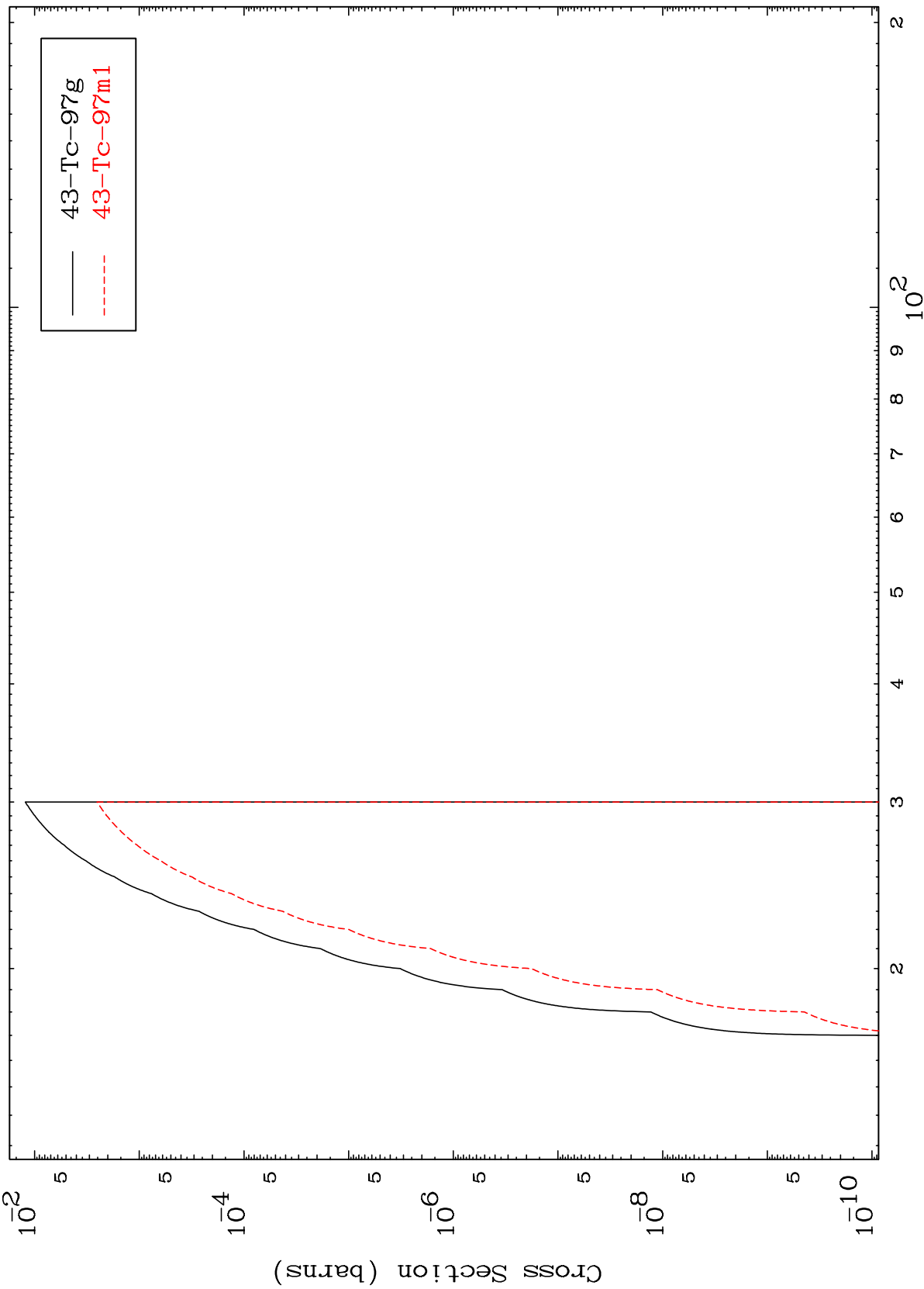


MAT 4513

(n,2n) p

45-Rh-99

Radionuclide Production Cross Section



43-Tc-97g
43-Tc-97m1

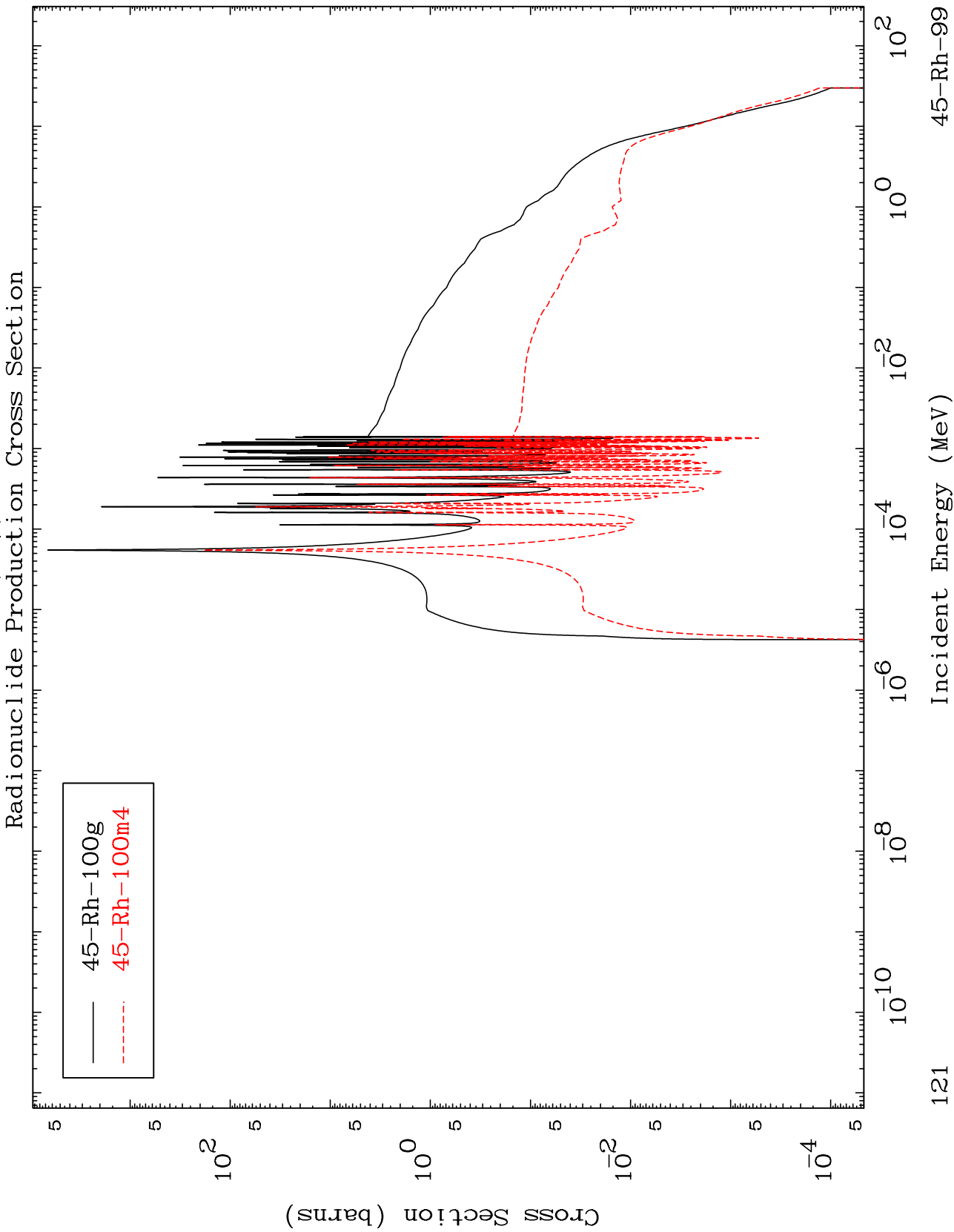
120

Incident Energy (MeV)

45-Rh-99

MAT 4513

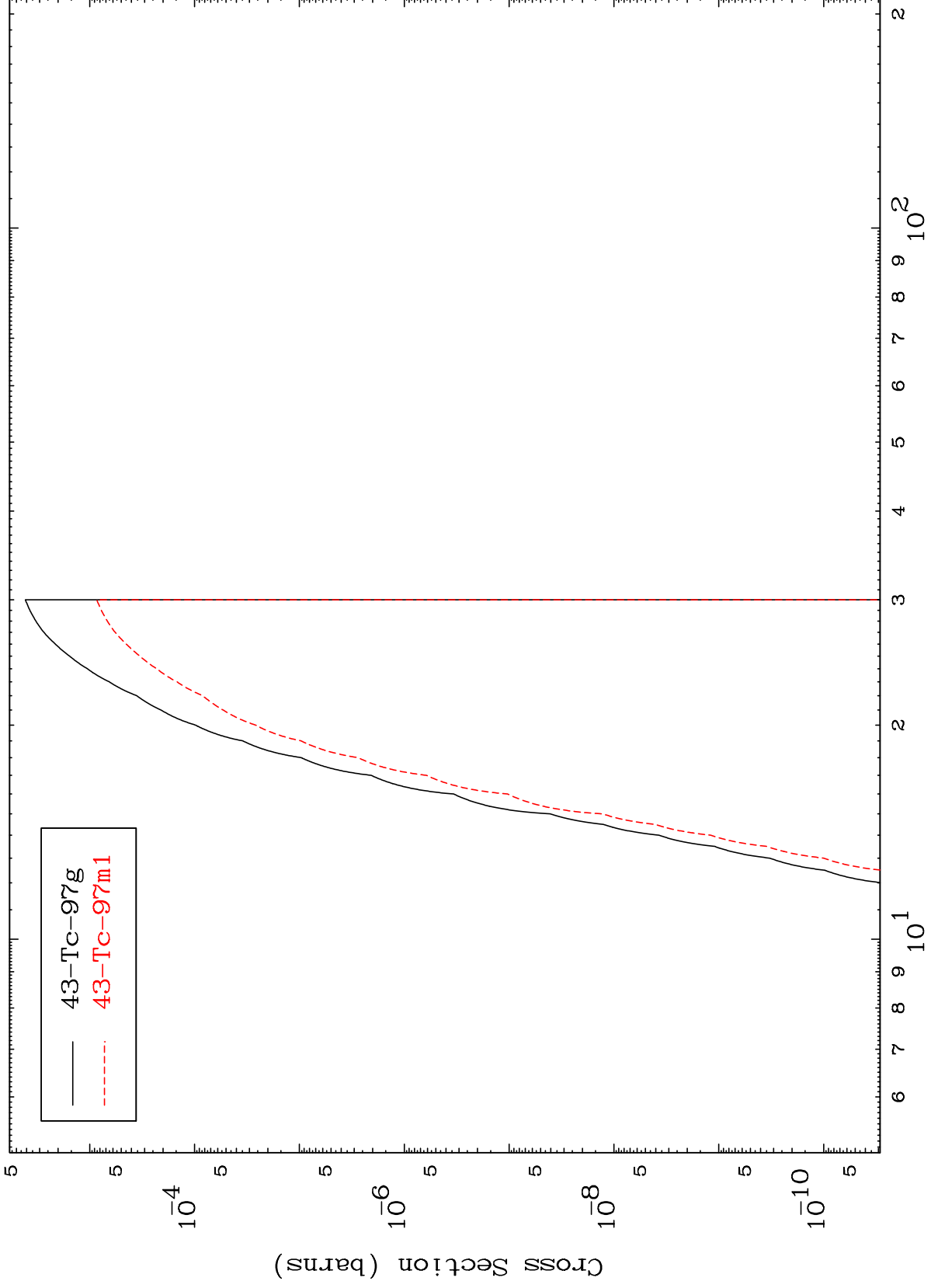
45-Rh-99



MAT 4513

45-Rh-99

(n,He-3)
Radionuclide Production Cross Section



122

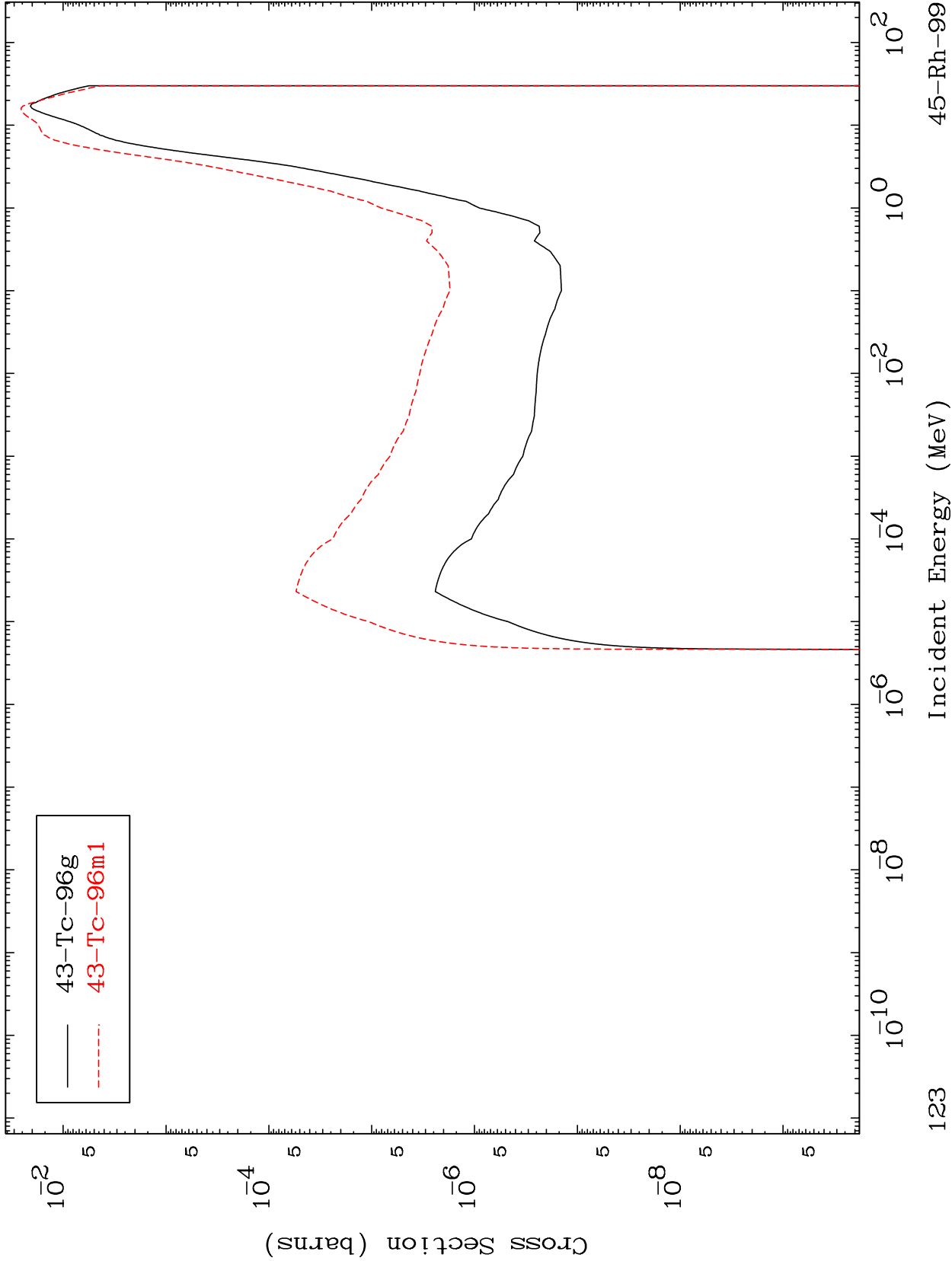
Incident Energy (MeV)

45-Rh-99

MAT 4513

45-Rh-99

(n, α)
Radionuclide Production Cross Section

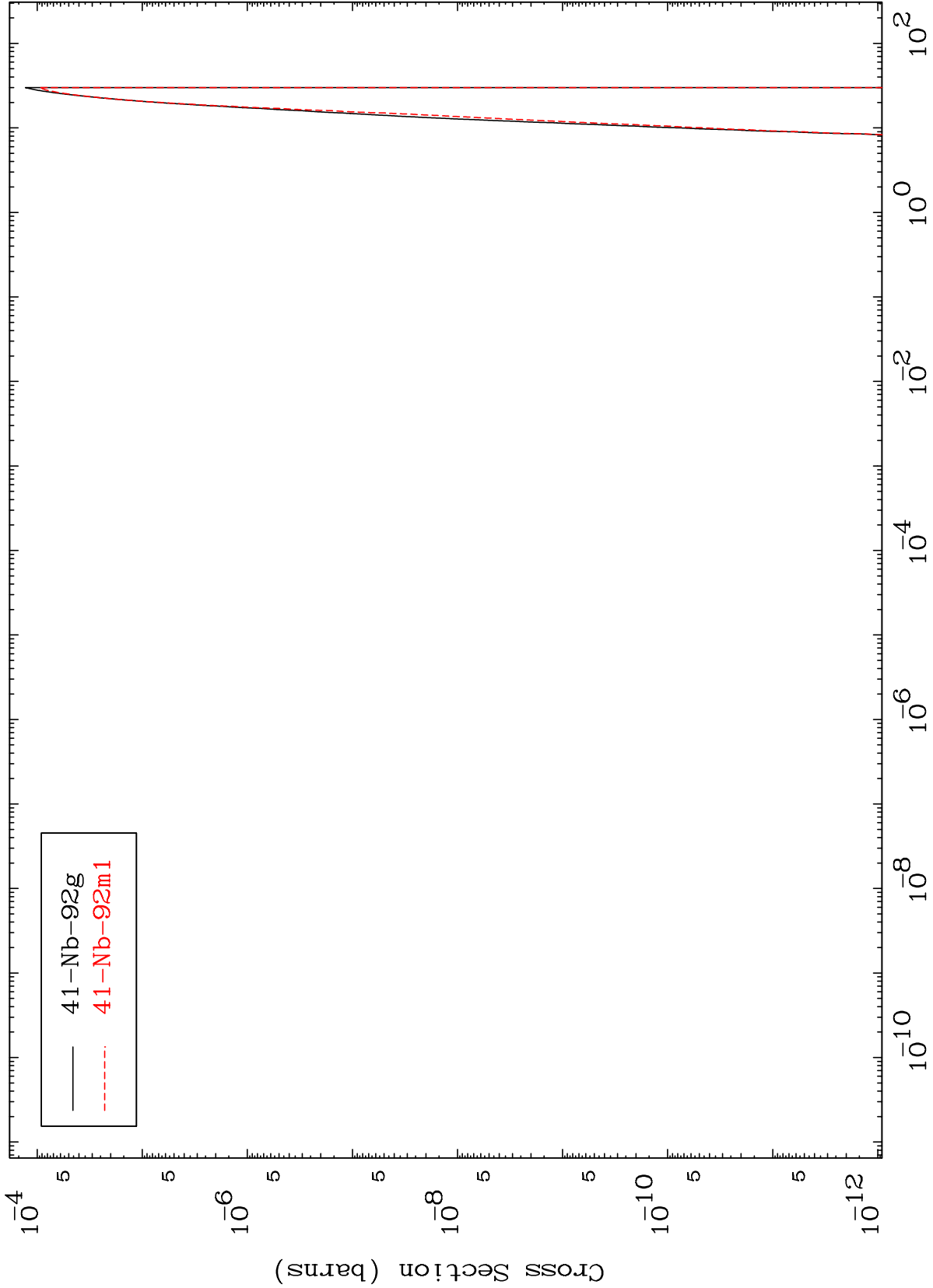


MAT 4513

(n,2α)

45-Rh-99

Radionuclide Production Cross Section



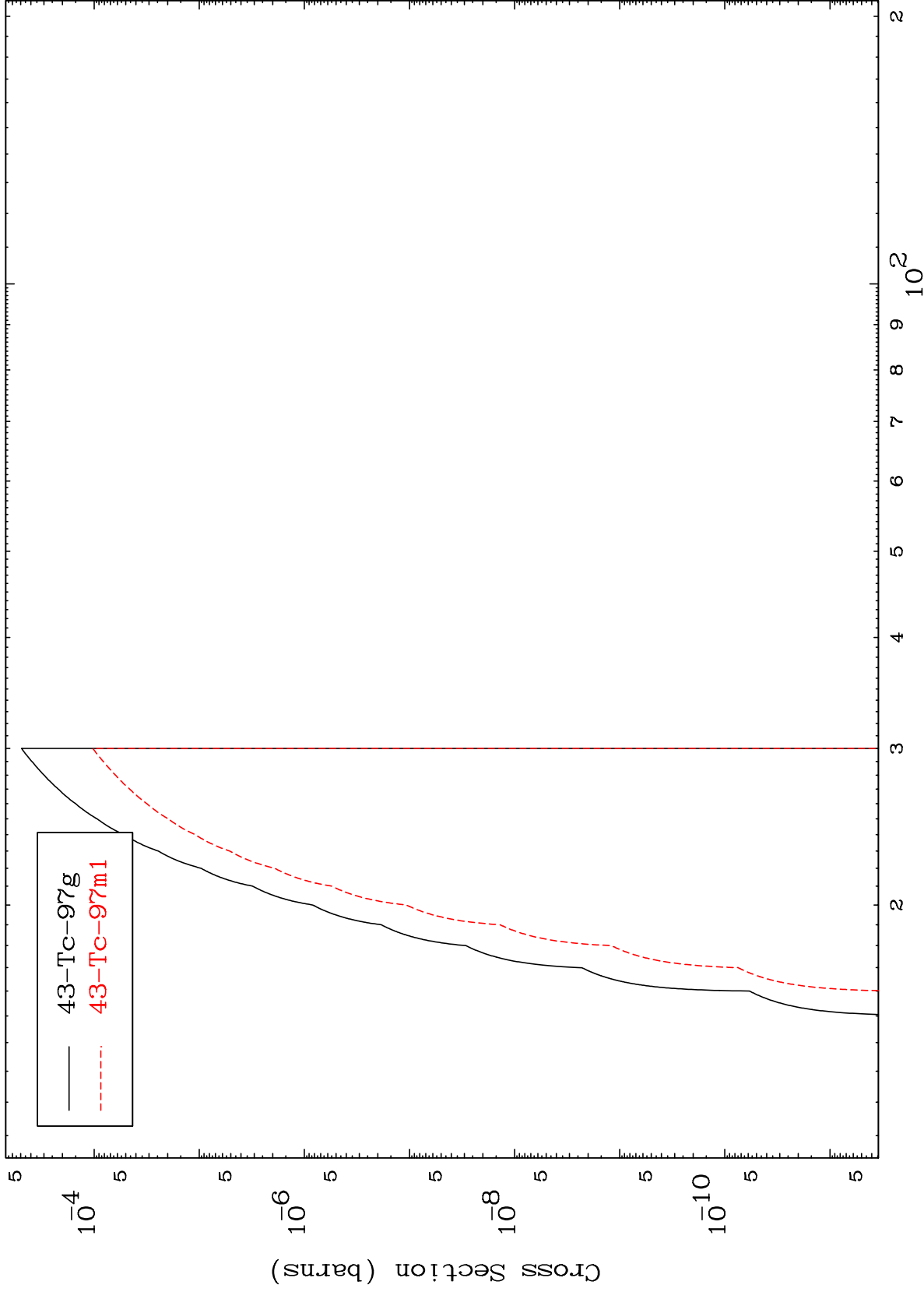
— 41-Nb-92g
- - - 41-Nb-92m1

MAT 4513

(n,p) d

45-Rh-99

Radionuclide Production Cross Section



125

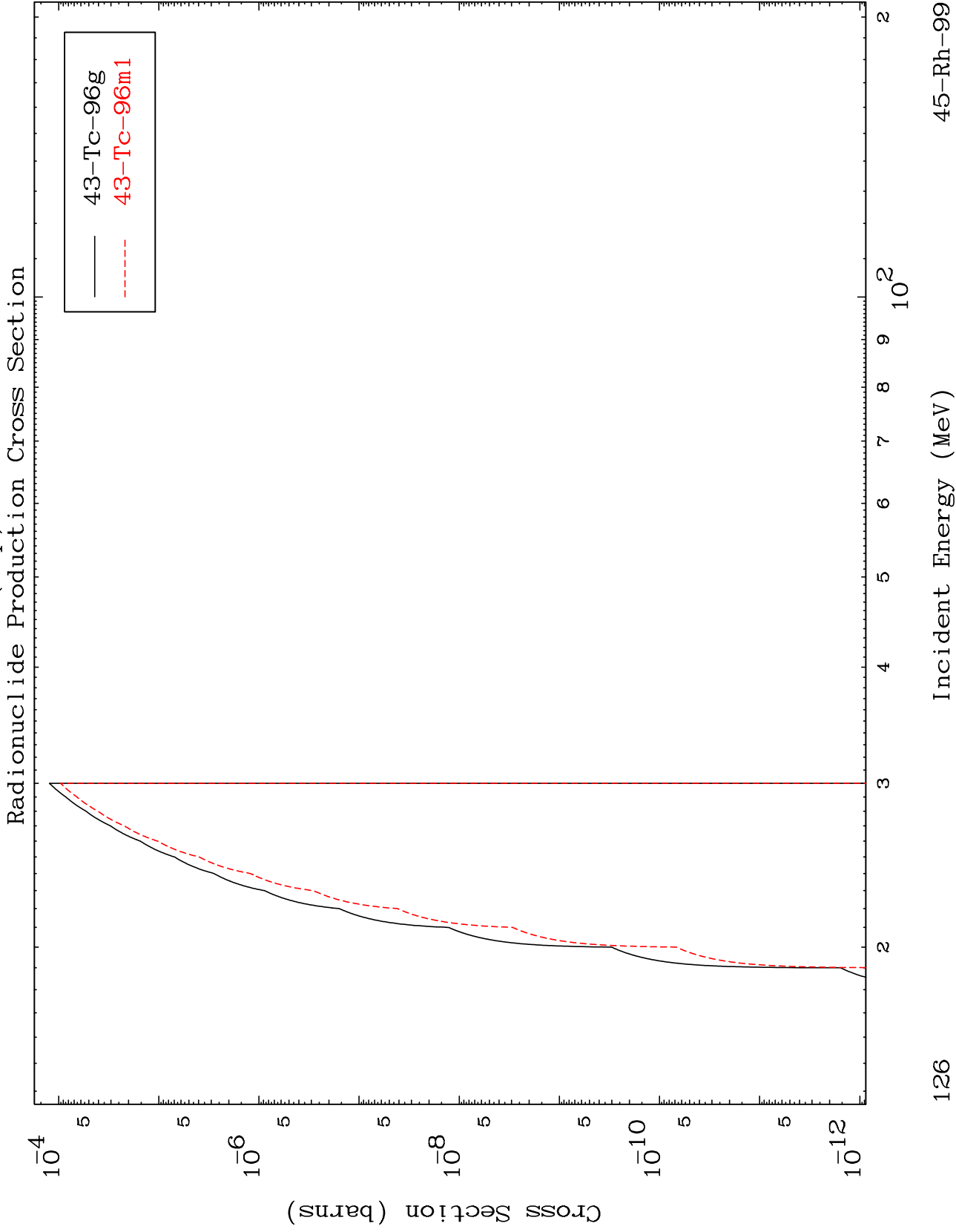
Incident Energy (MeV)

45-Rh-99

MAT 4513

(n,p) t

45-Rh-99



126

Incident Energy (MeV)

45-Rh-99