

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

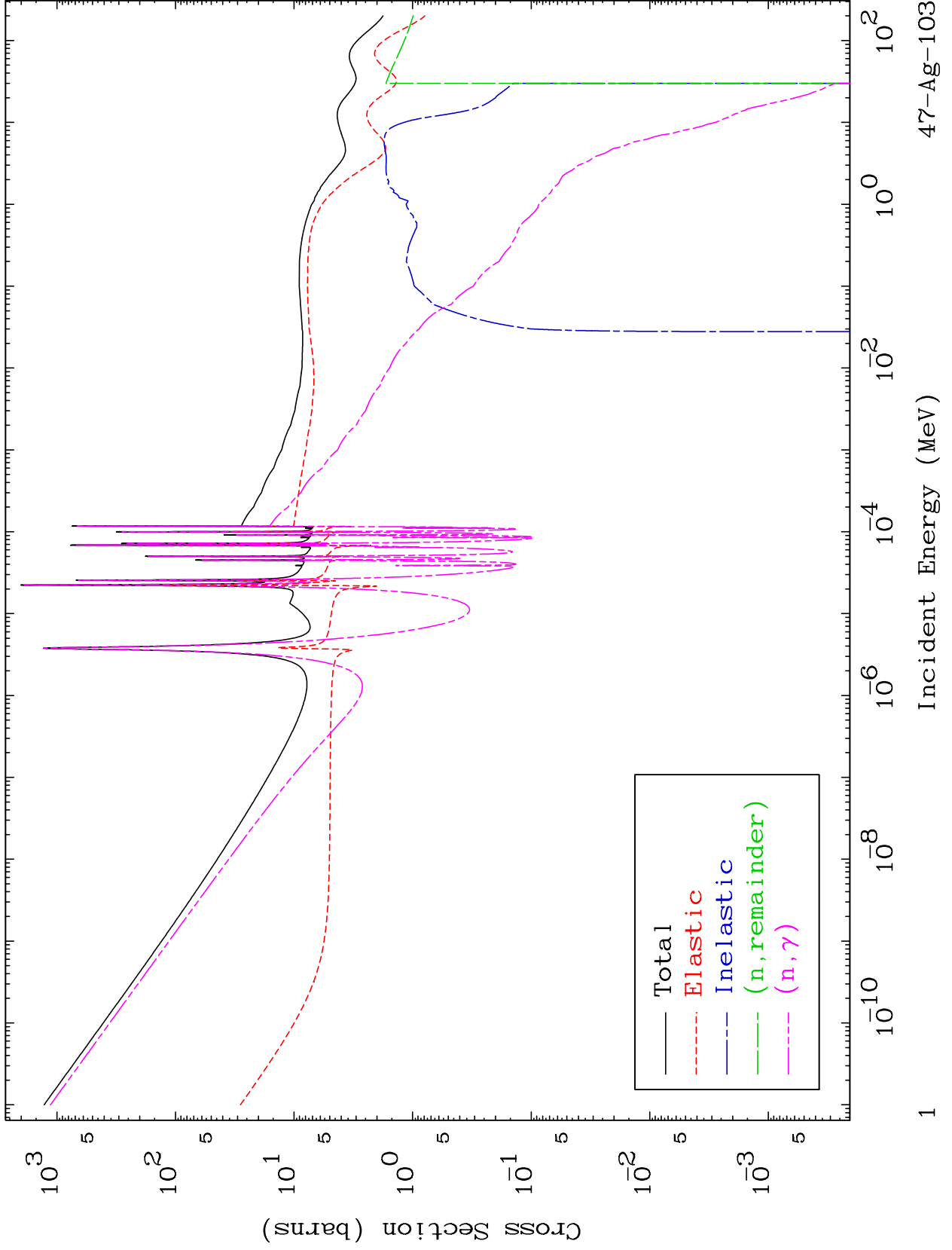
Press Mouse Button to Start

MAT 4713

Major

293 Kelvin Cross Sections

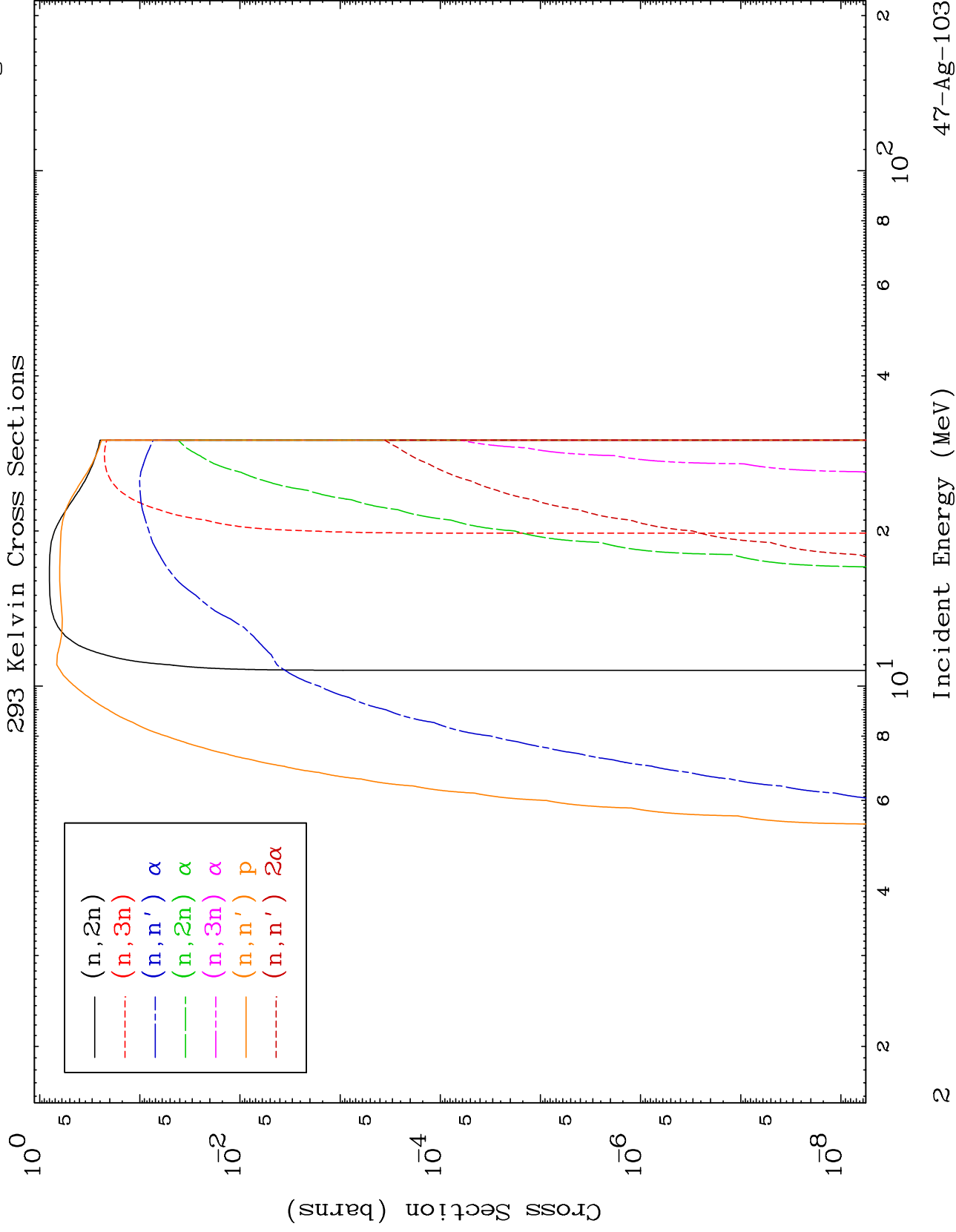
47-Ag-103



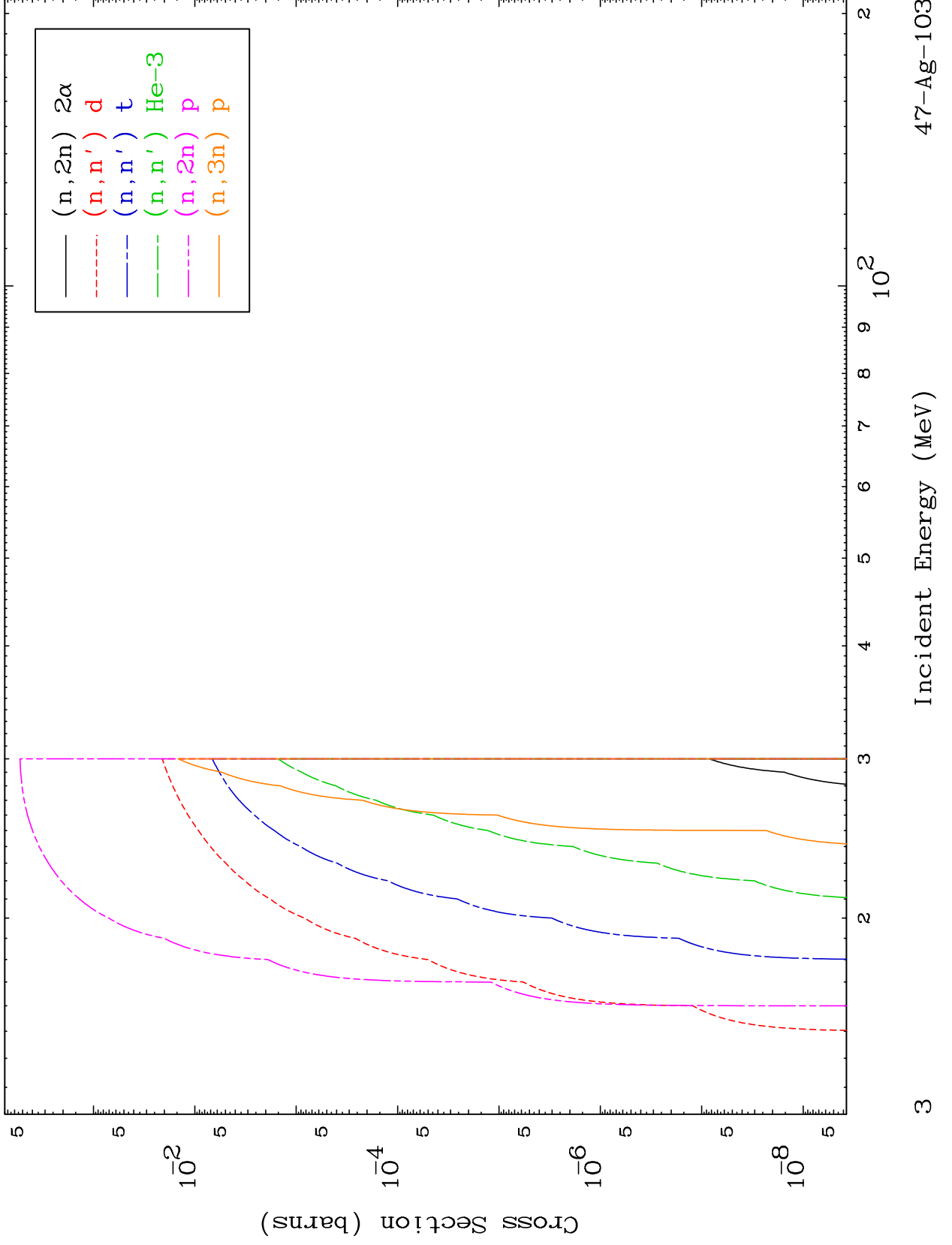
MAT 4713

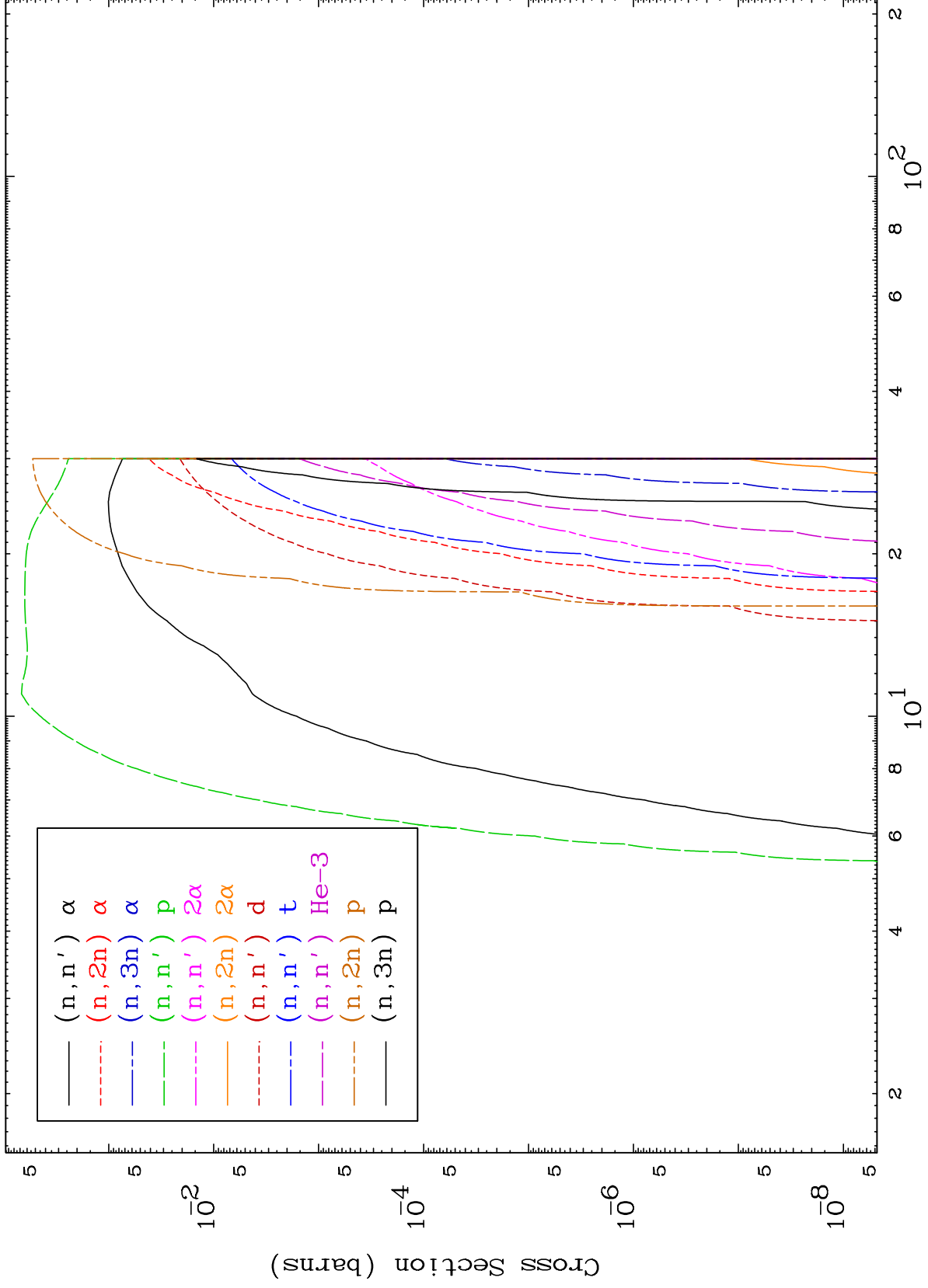
Neutron Production
293 Kelvin Cross Sections

47-Ag-103



2

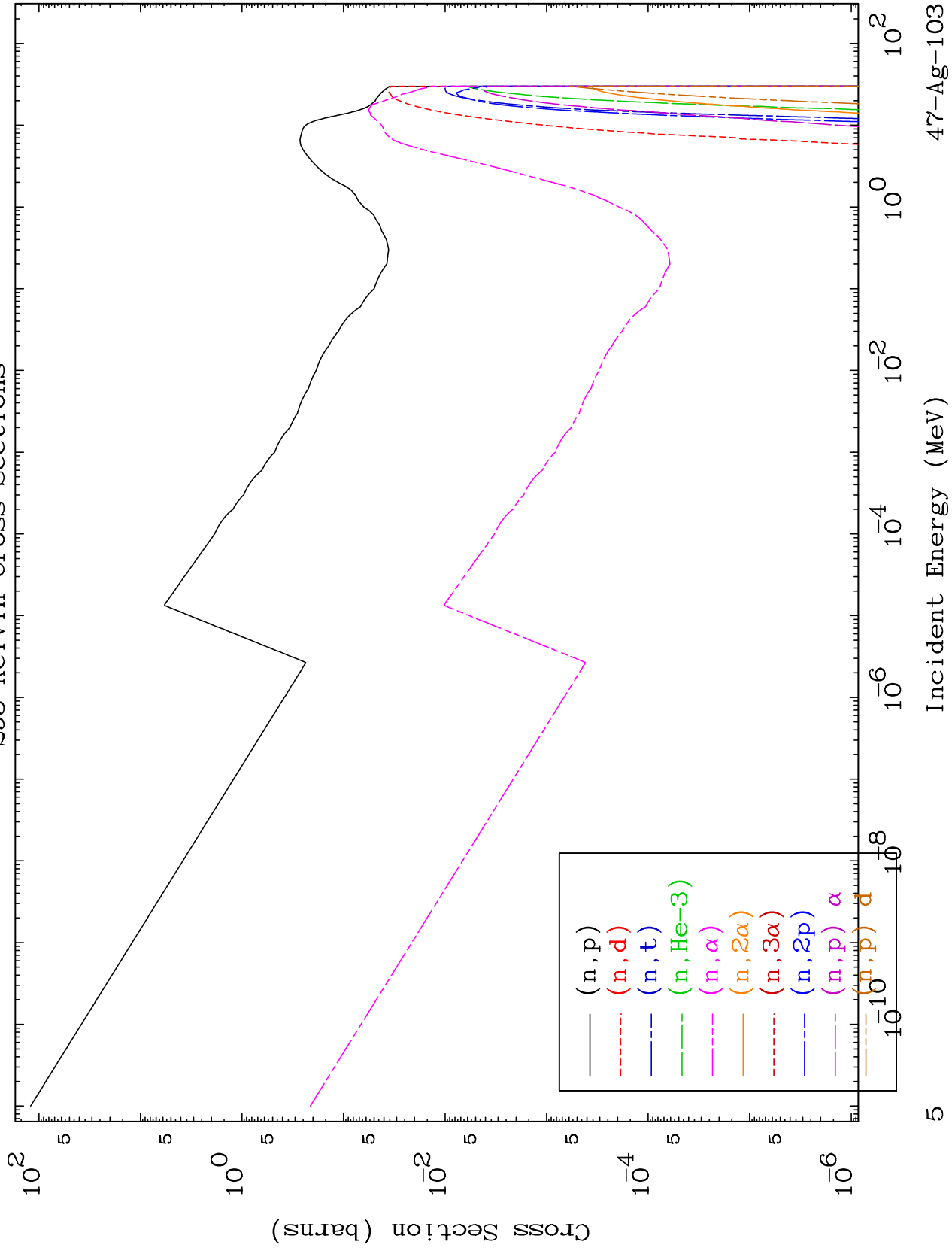




MAT 4713

Charged Particle
293 Kelvin Cross Sections

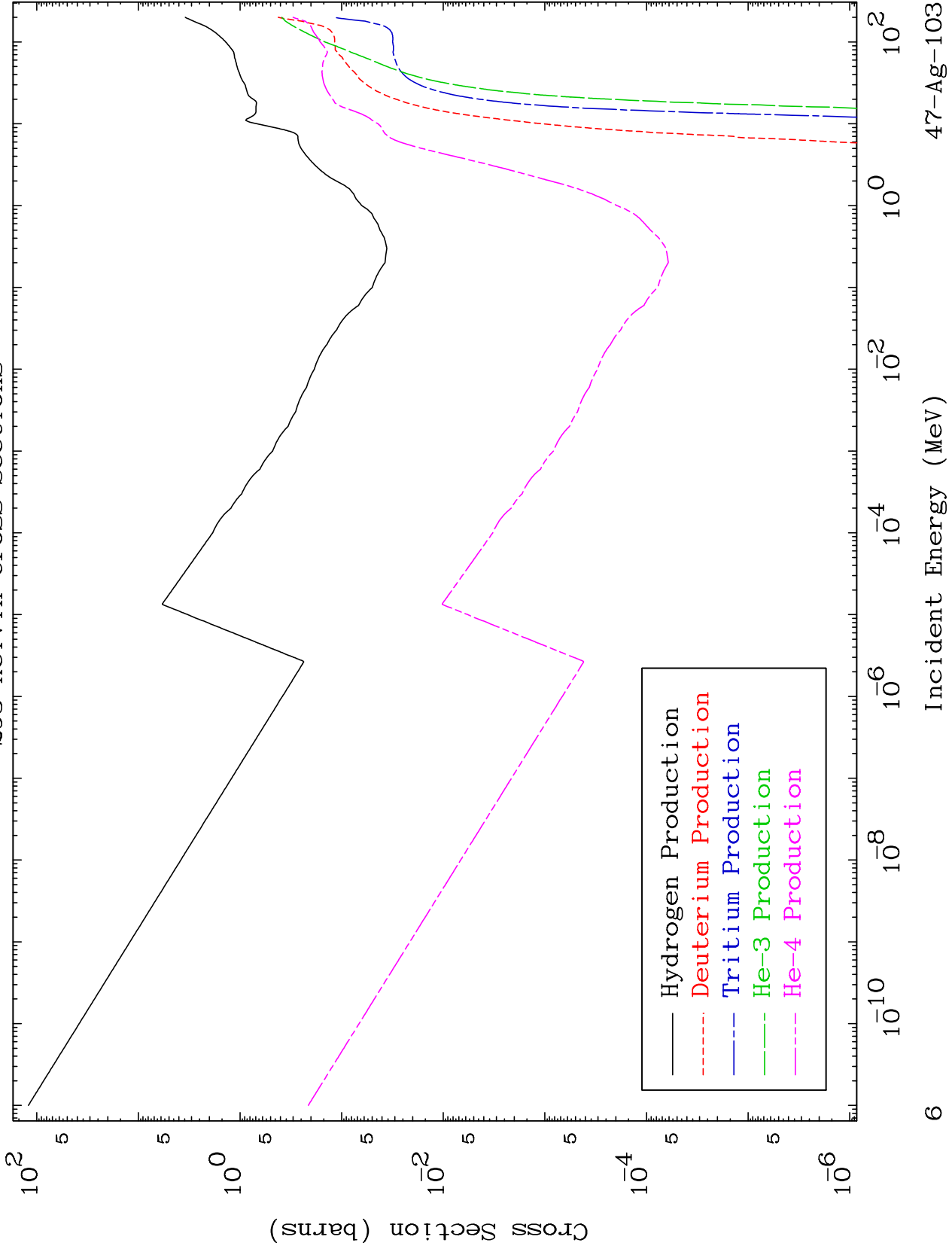
47-Ag-103

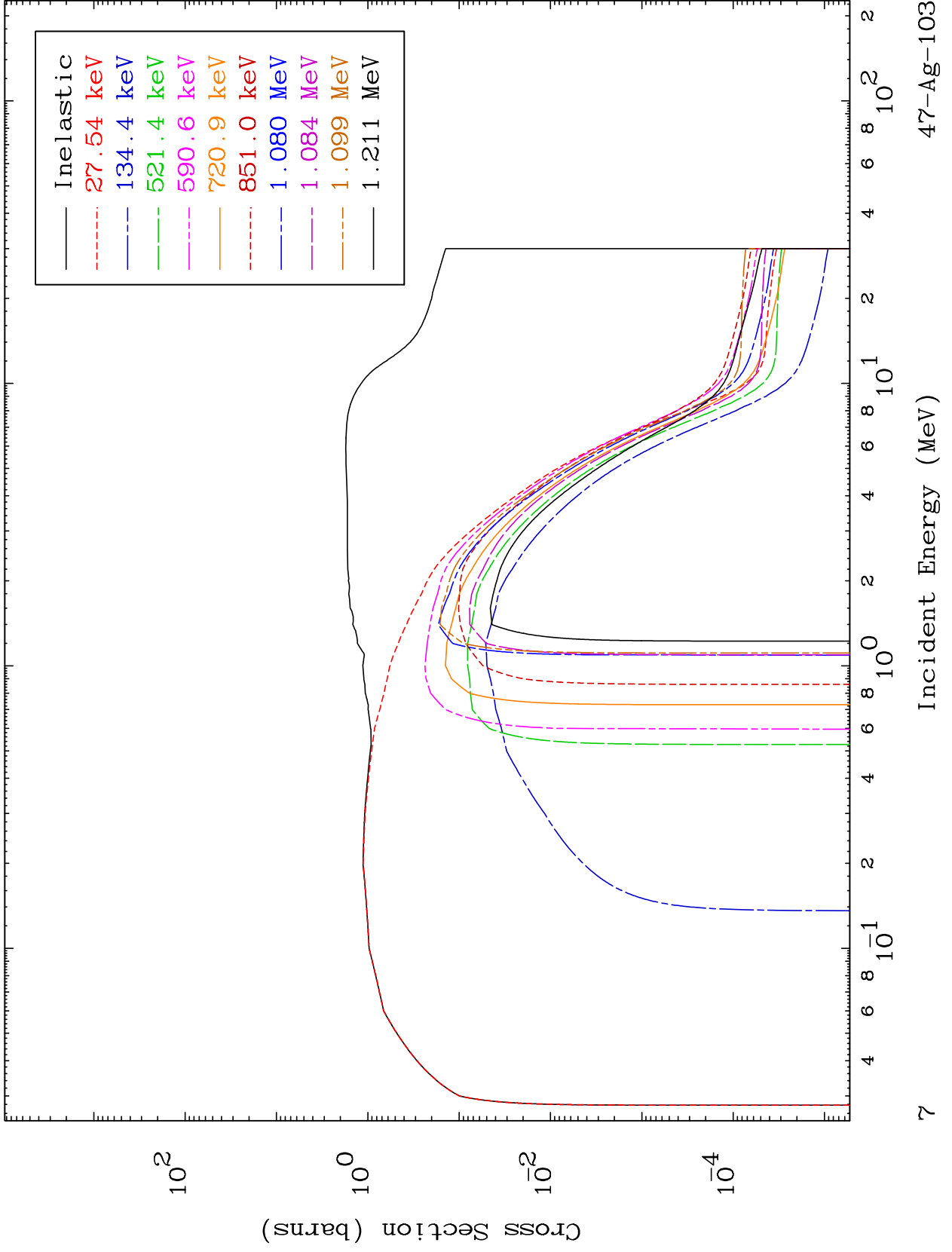


MAT 4713

Particle Production
293 Kelvin Cross Sections

47-Ag-103

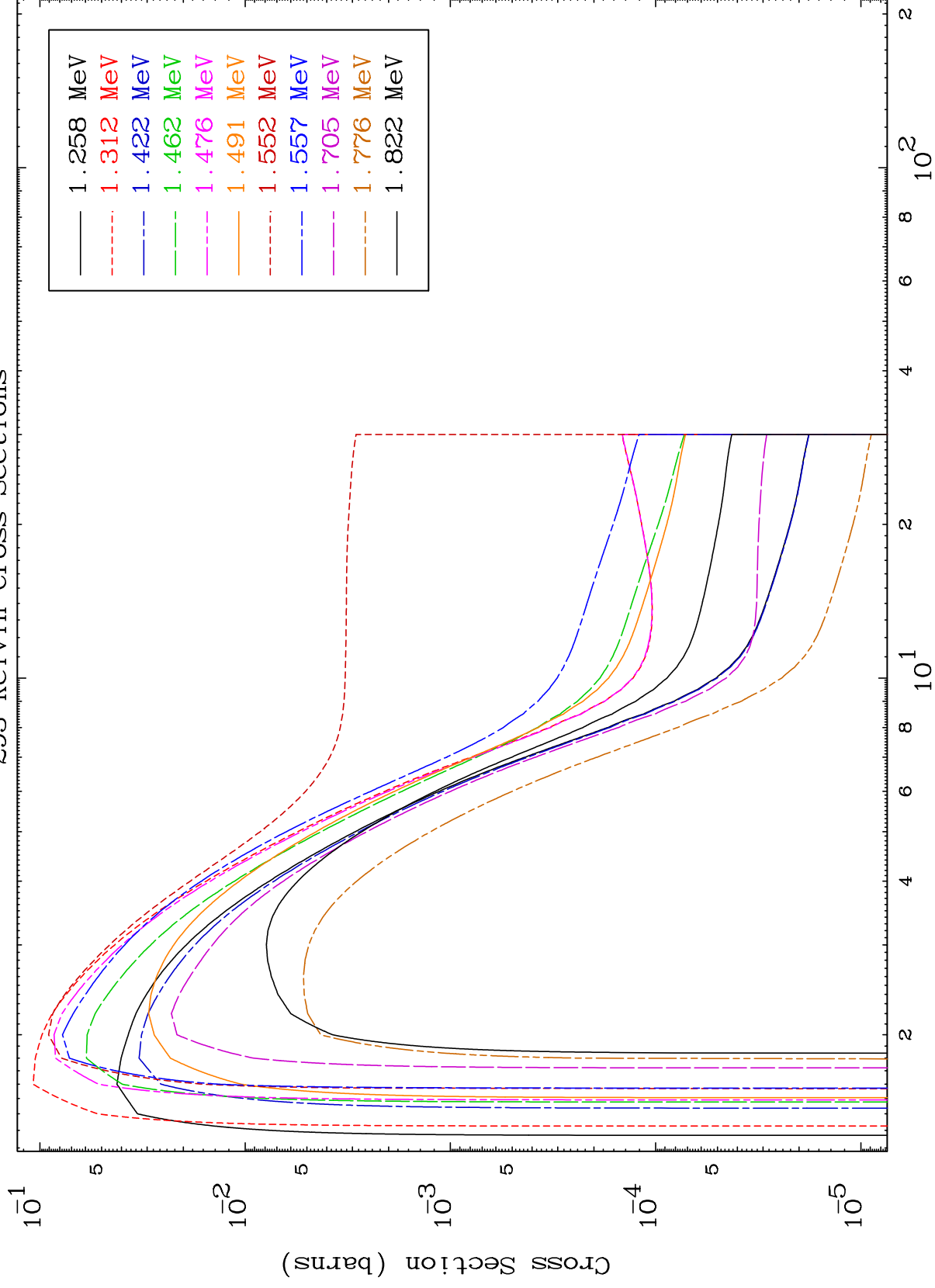




MAT 4713

(n,n') Level
293 Kelvin Cross Sections

47-Ag-103



8

Incident Energy (MeV)

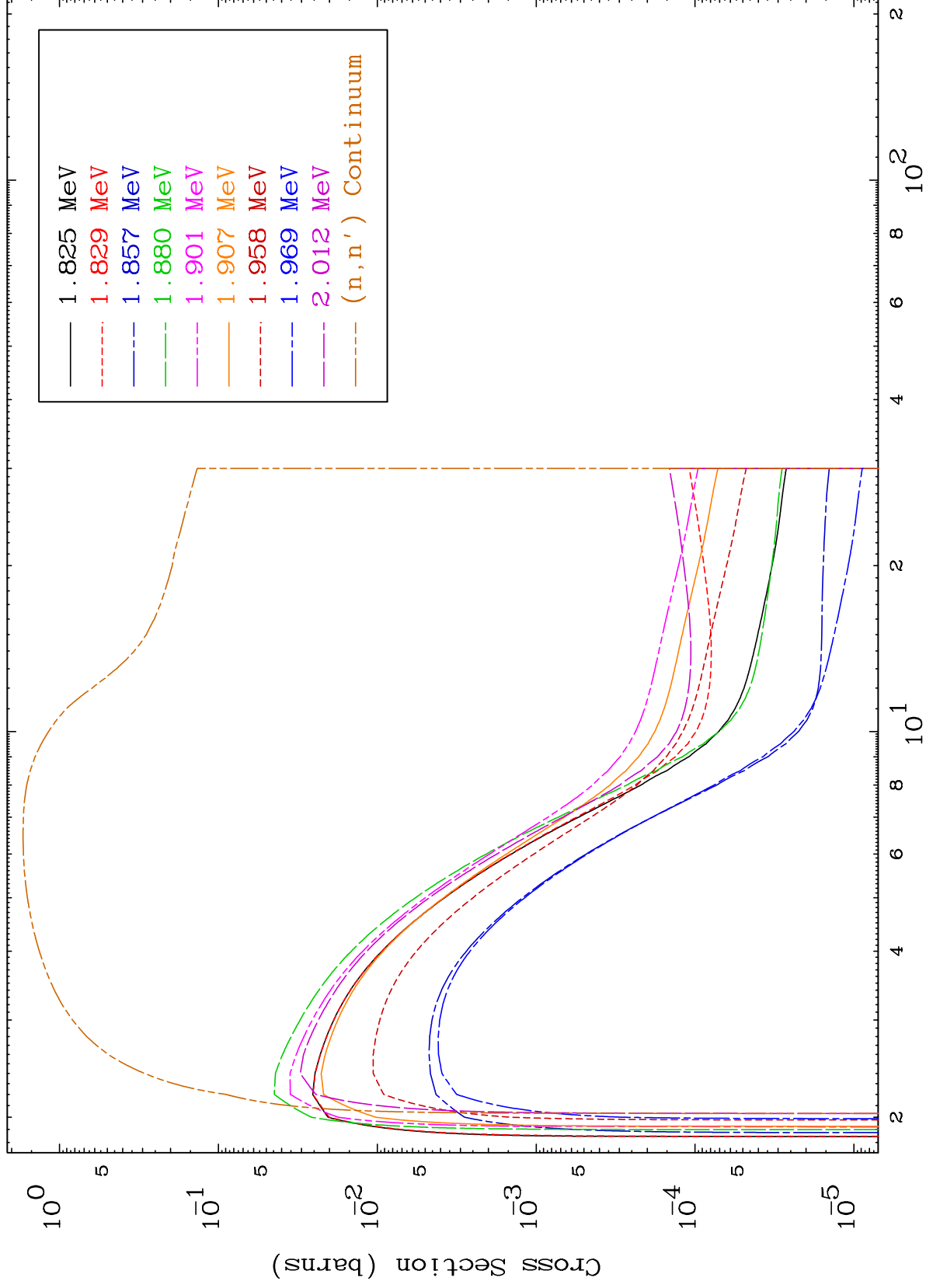
47-Ag-103

MAT 4713

(n,n') Level

47-Ag-103

293 Kelvin Cross Sections



9

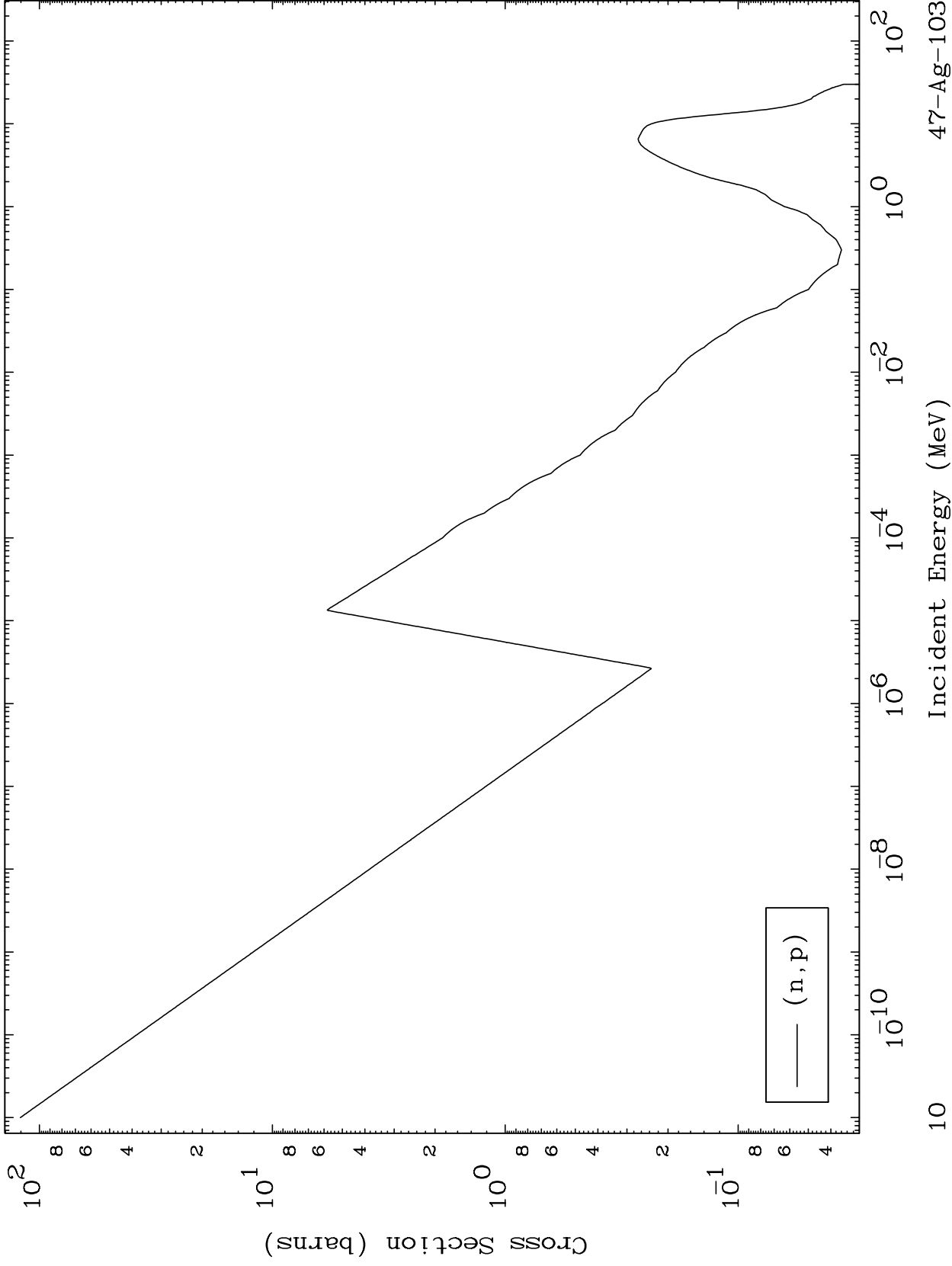
Incident Energy (MeV)

47-Ag-103

MAT 4713

(n,p) Levels
293 Kelvin Cross Sections

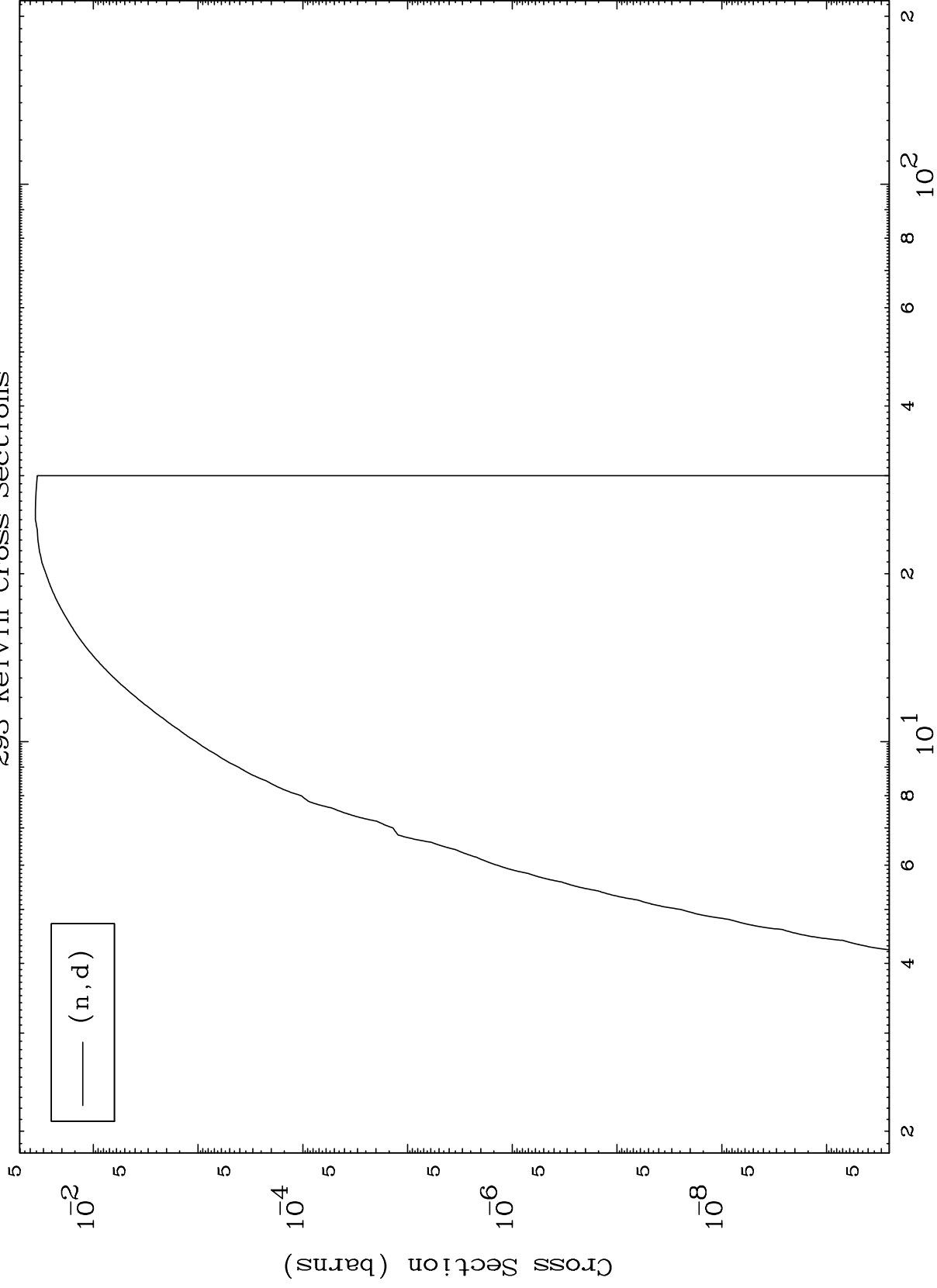
47-Ag-103



MAT 4713

(n,d) Levels
293 Kelvin Cross Sections

47-Ag-103



11

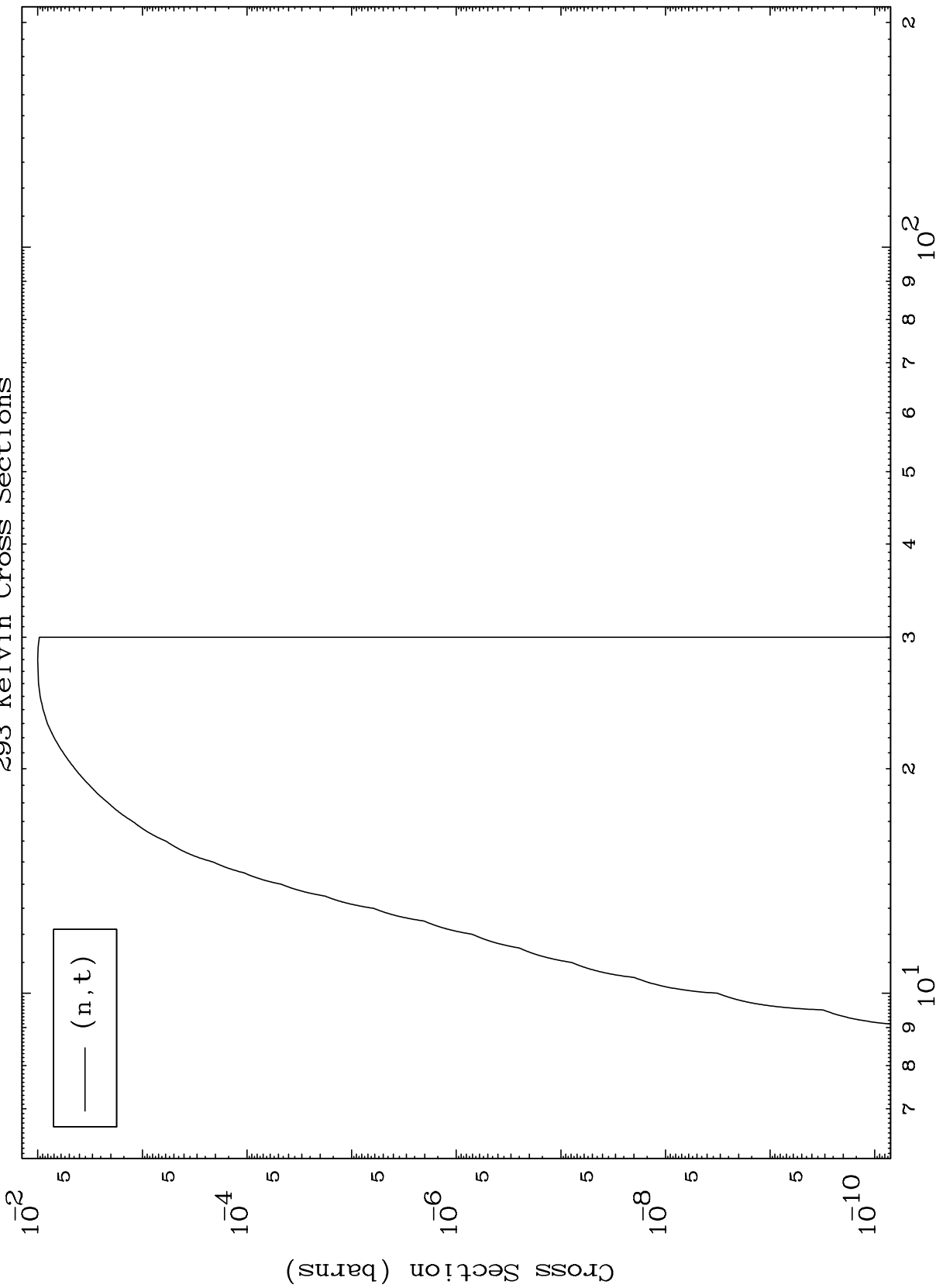
Incident Energy (MeV)

47-Ag-103

MAT 4713

(n,t) Levels
293 Kelvin Cross Sections

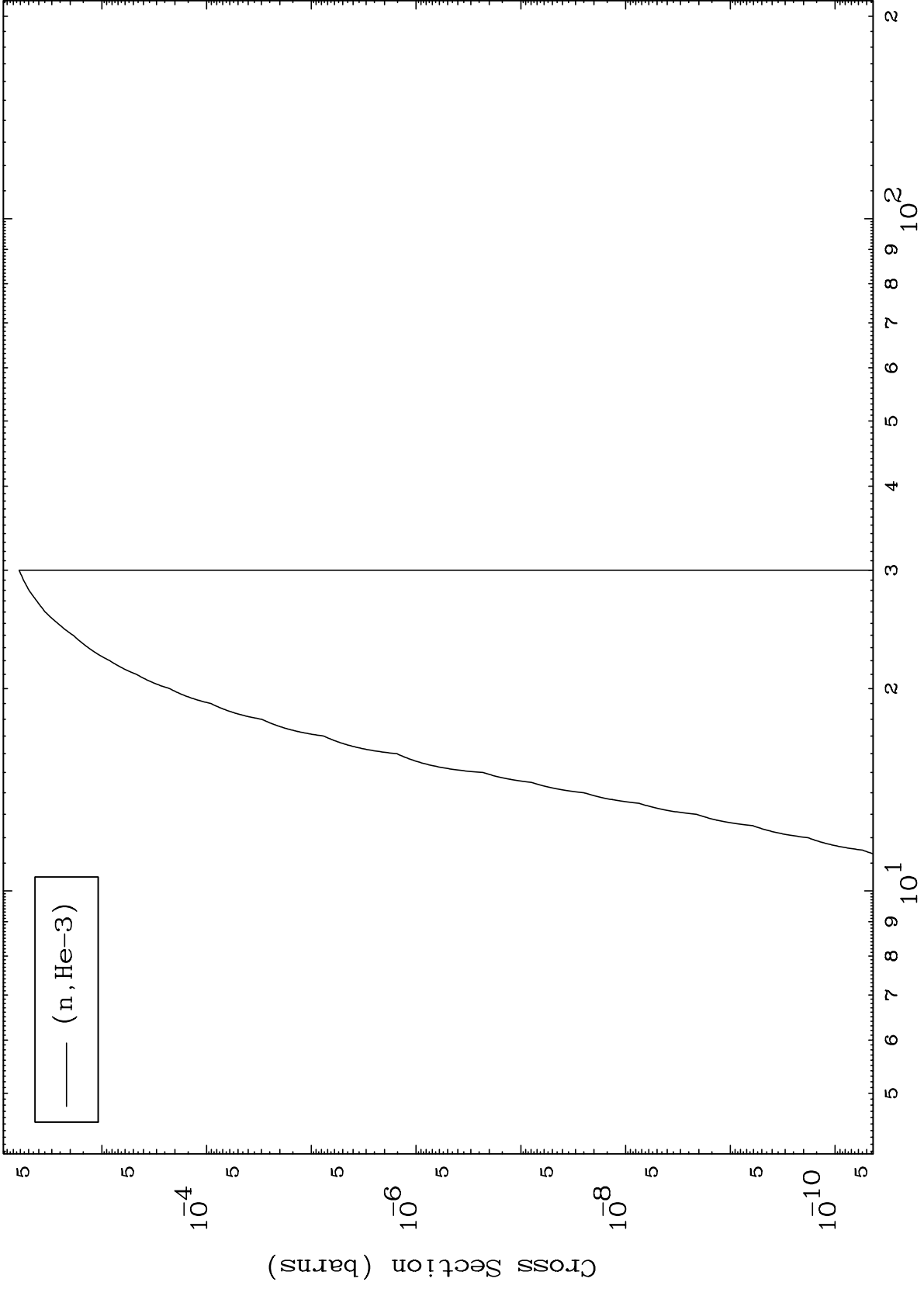
47-Ag-103



MAT 4713

(n,He3) Levels
293 Kelvin Cross Sections

47-Ag-103



13

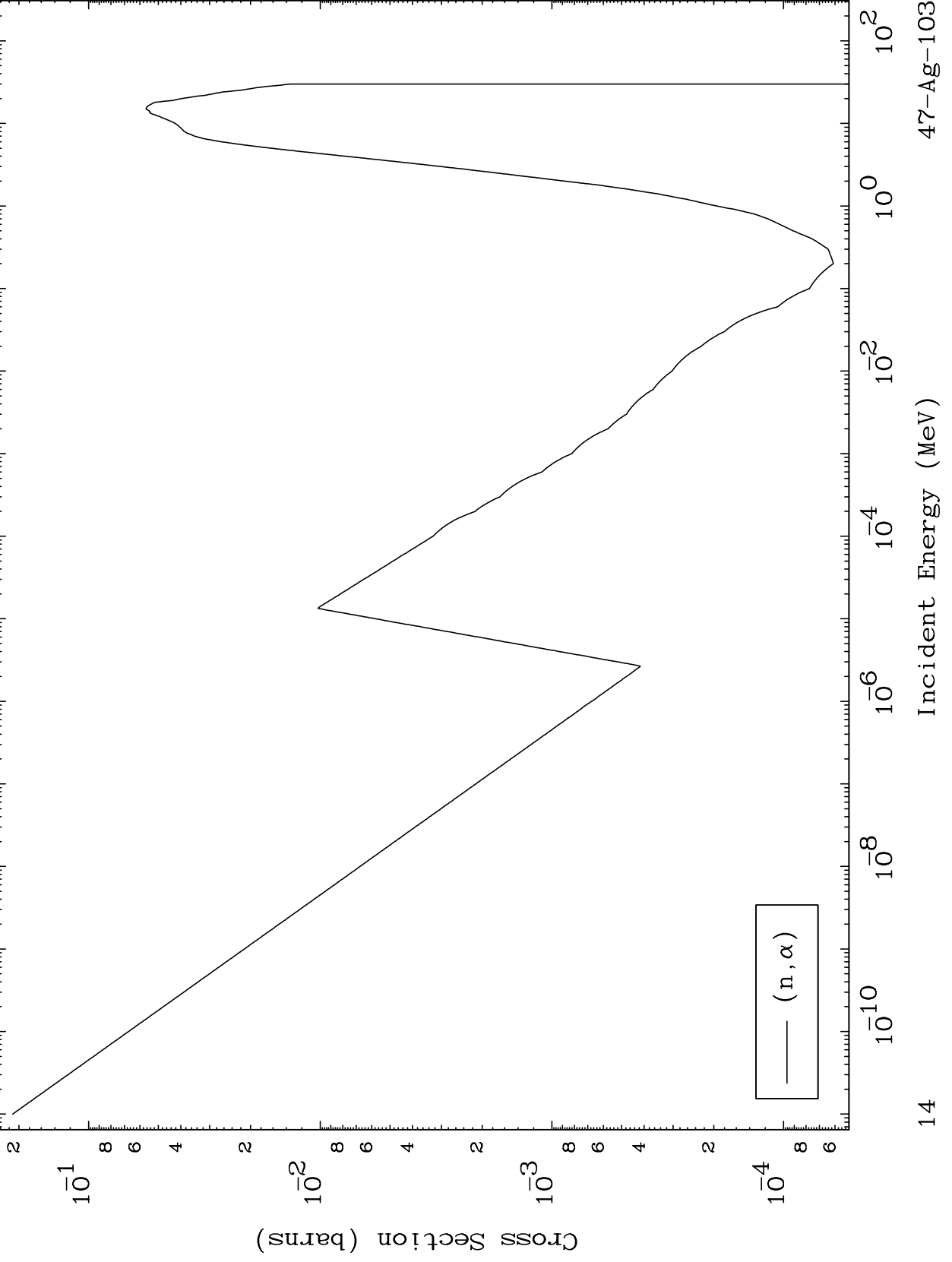
Incident Energy (MeV)

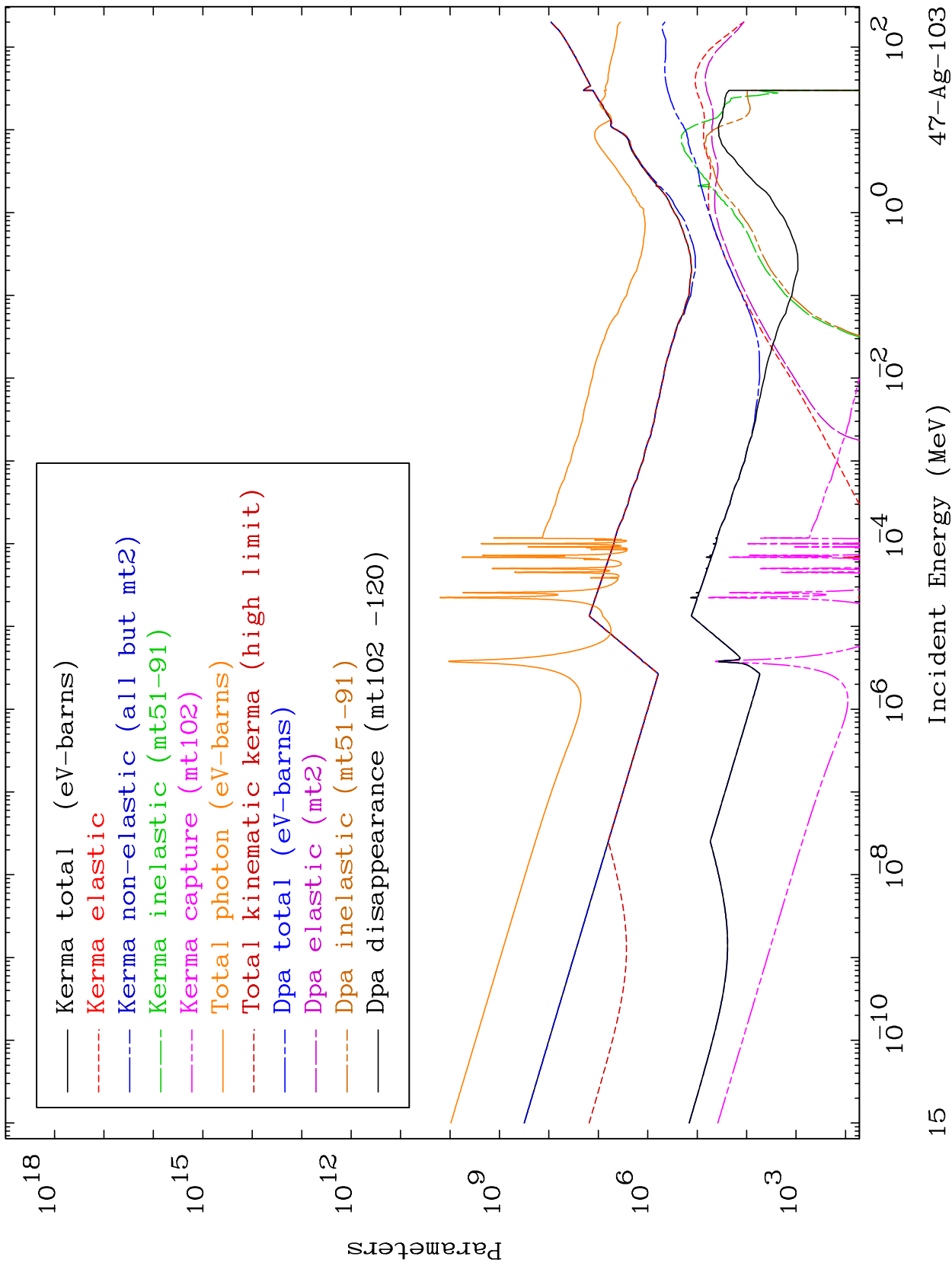
47-Ag-103

MAT 4713

(n,α) Levels
293 Kelvin Cross Sections

47-Ag-103

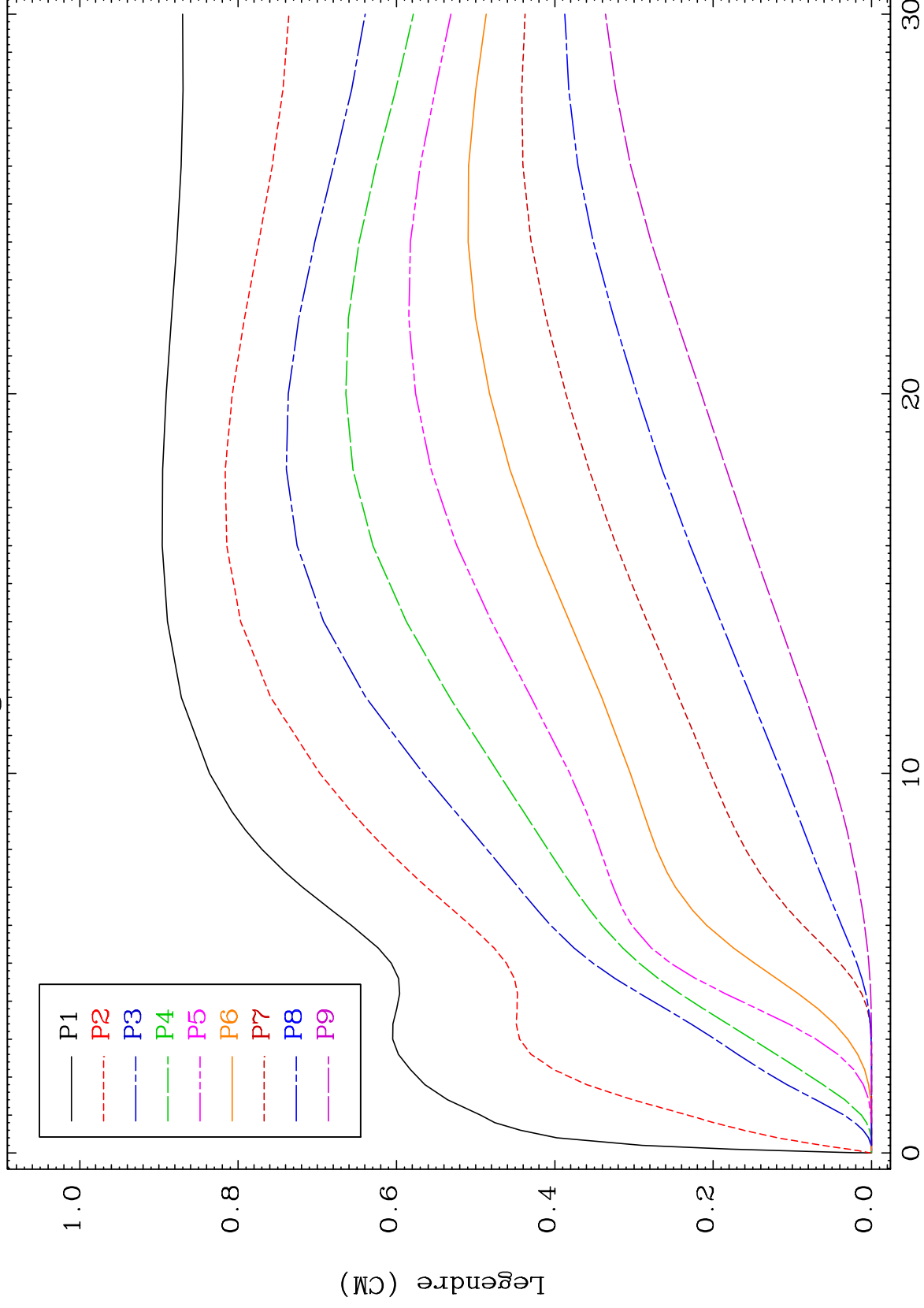




MAT 4713

Elastic Legendre Coefficients

47-Ag-103



16

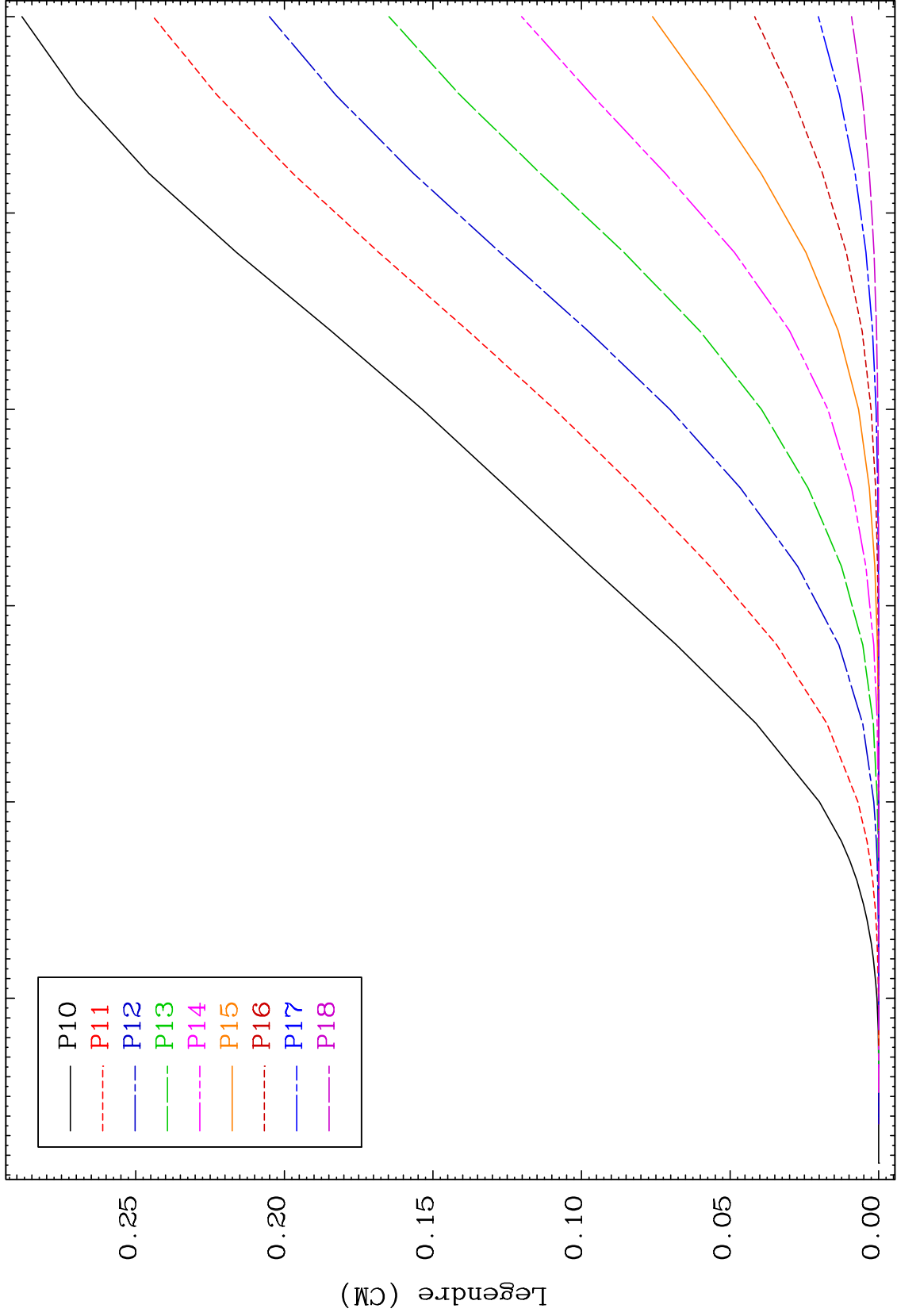
Incident Energy (MeV)

47-Ag-103

MAT 4713

Elastic Legendre Coefficients

47-Ag-103



17

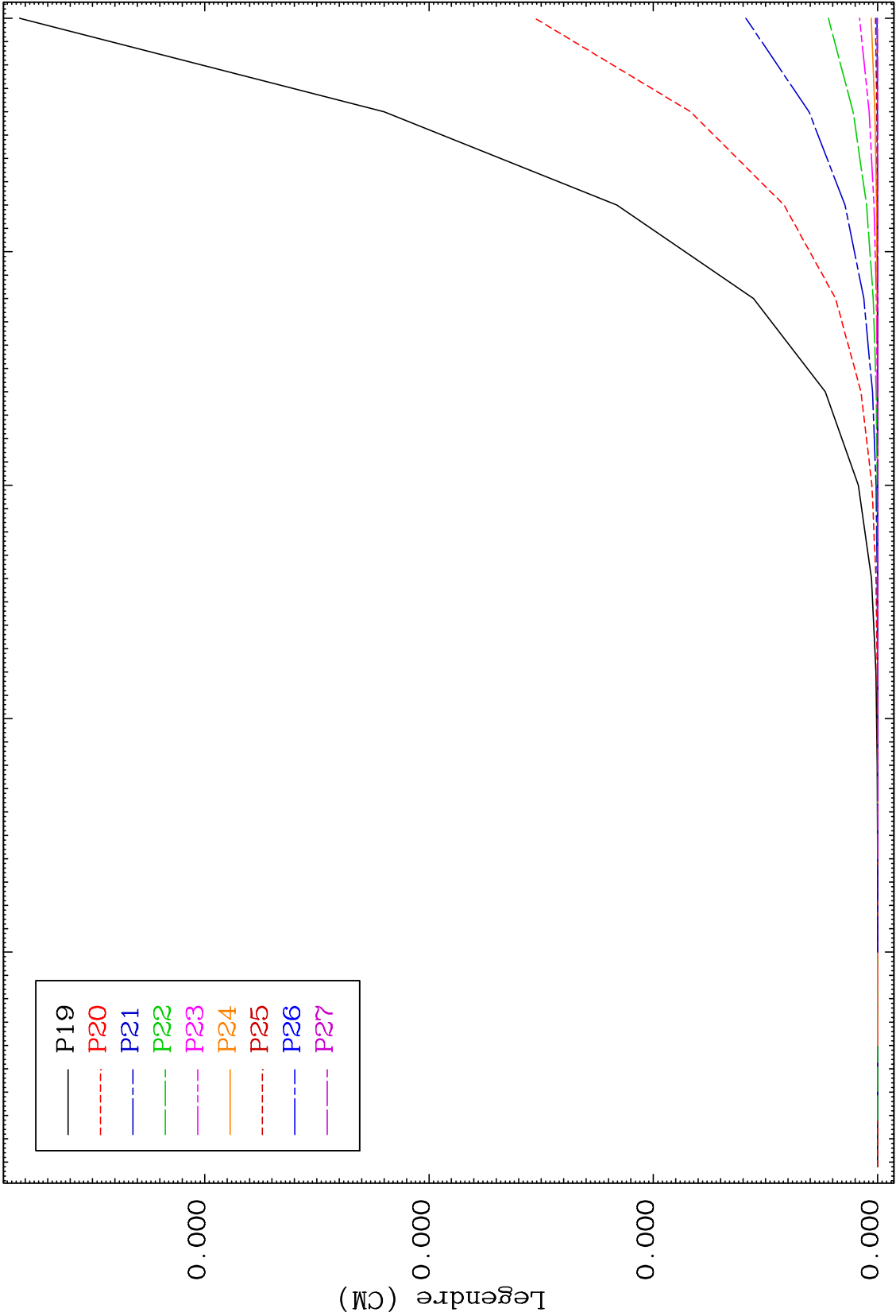
Incident Energy (MeV)

47-Ag-103

MAT 4713

Elastic Legendre Coefficients

47-Ag-103



18

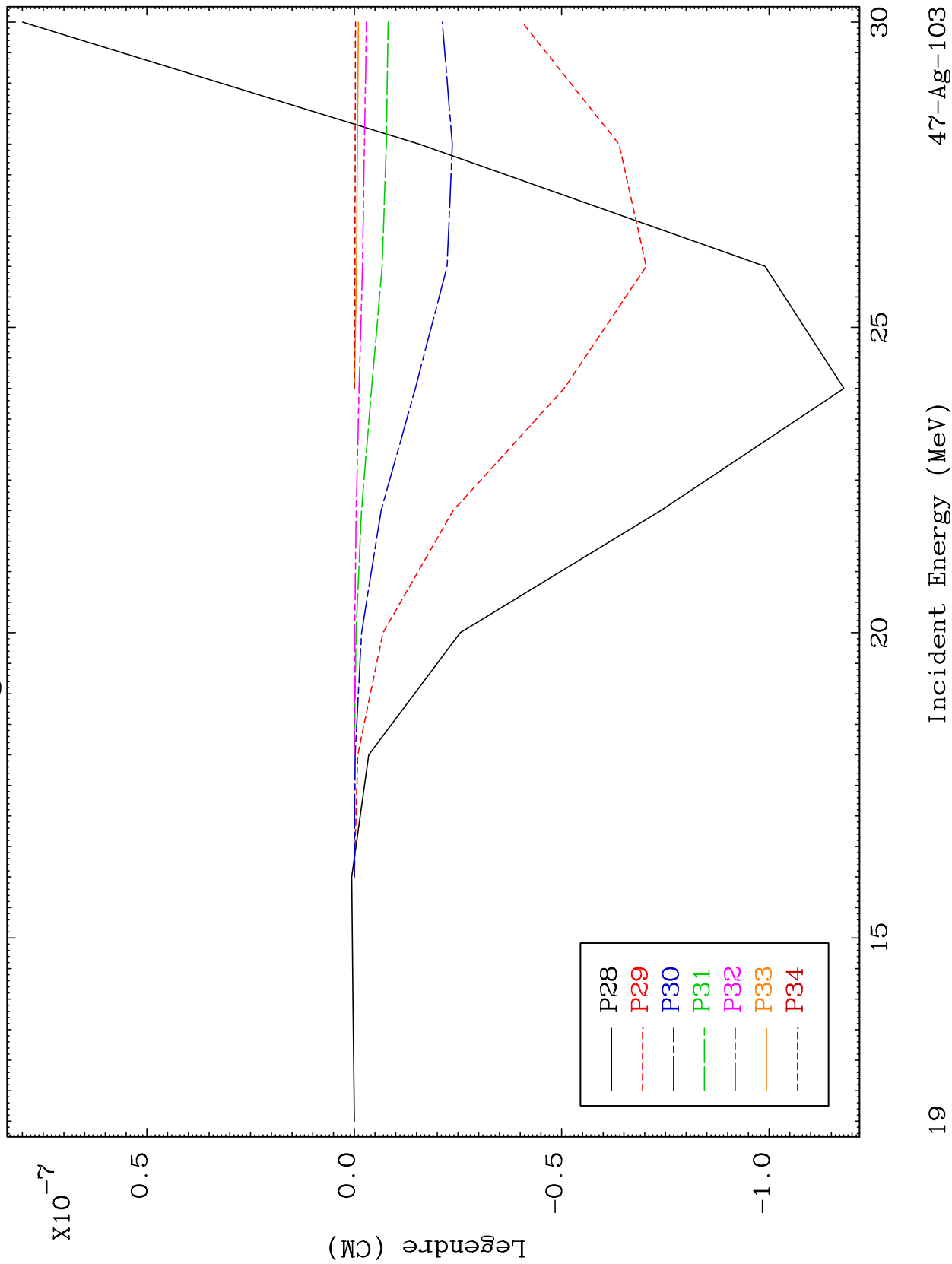
Incident Energy (MeV)

47-Ag-103

MAT 4713

Elastic
Legendre Coefficients

47-Ag-103



19

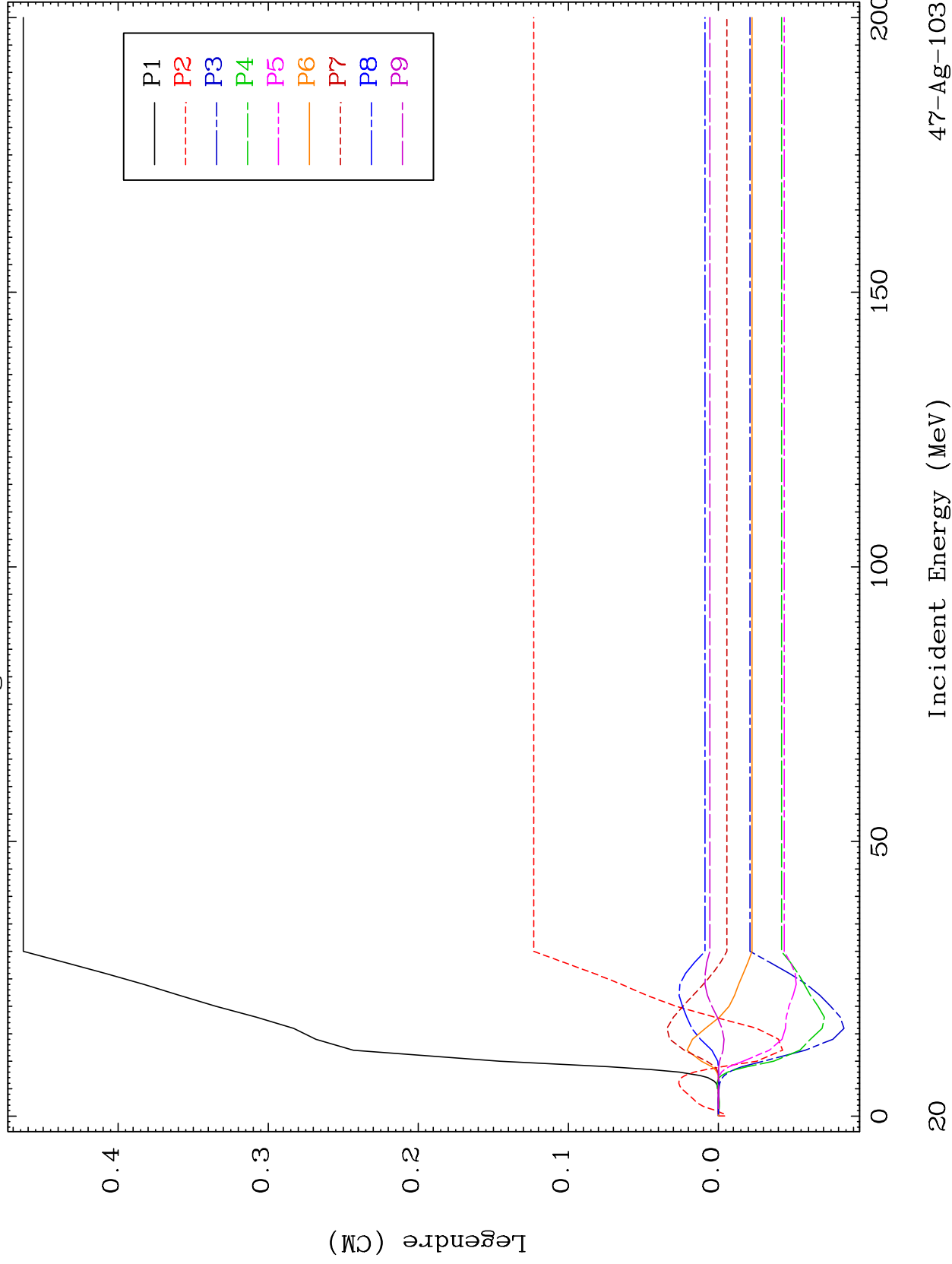
Incident Energy (MeV)

47-Ag-103

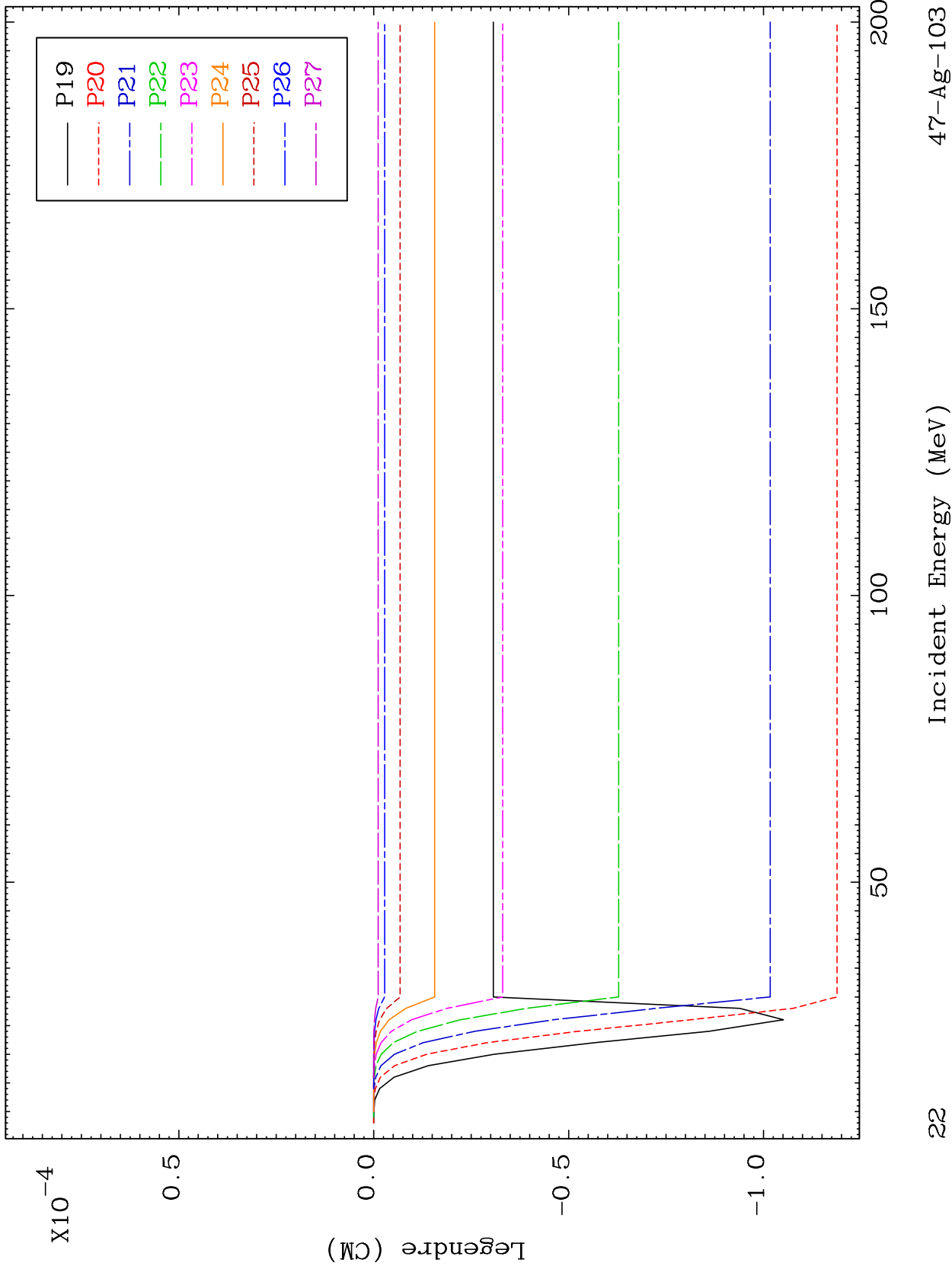
MAT 4713

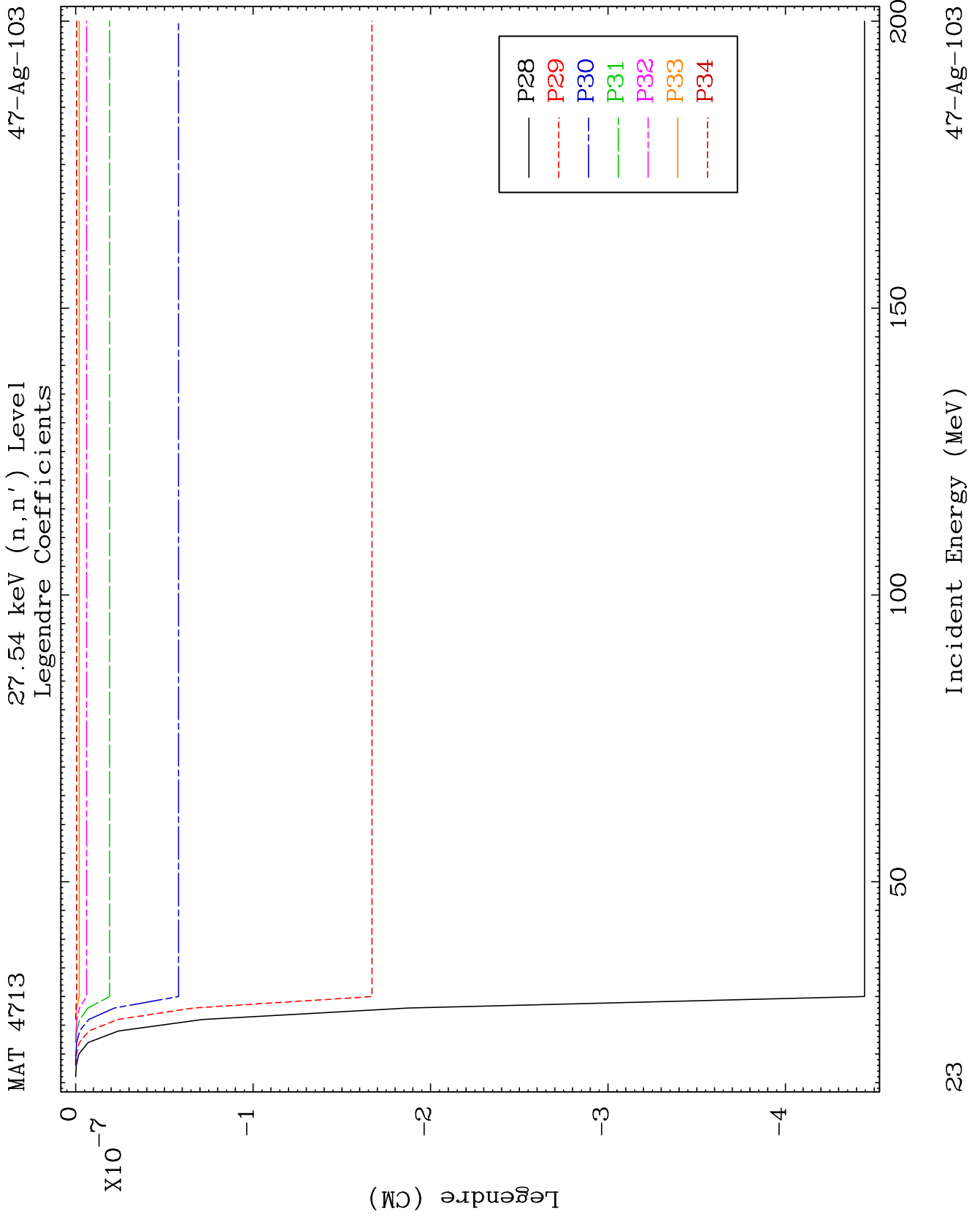
27.54 keV (n,n') Level
Legendre Coefficients

47-Ag-103



47-Ag-103

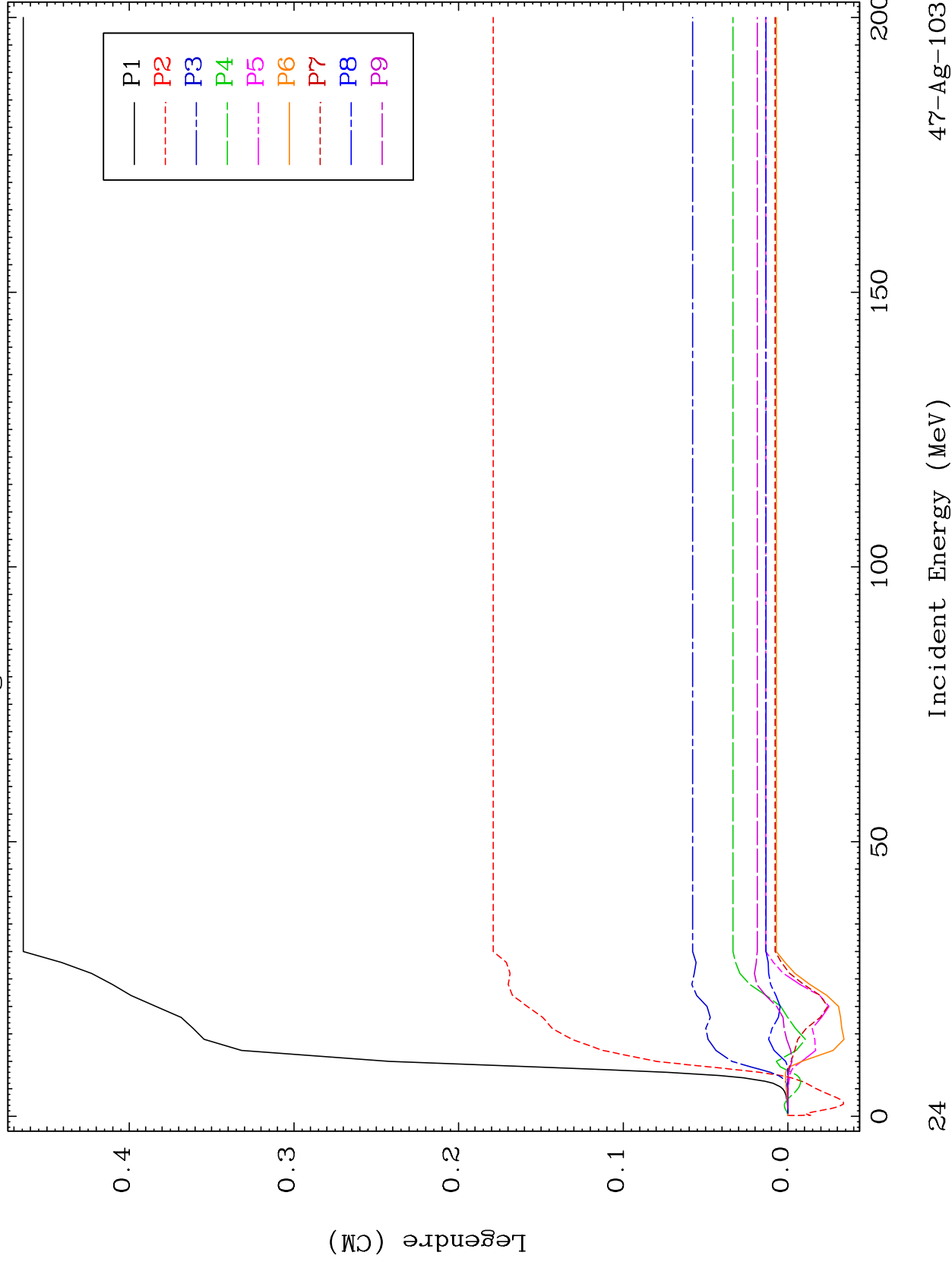




MAT 4713

134.4 keV (n,n') Level
Legendre Coefficients

47-Ag-103



47-Ag-103

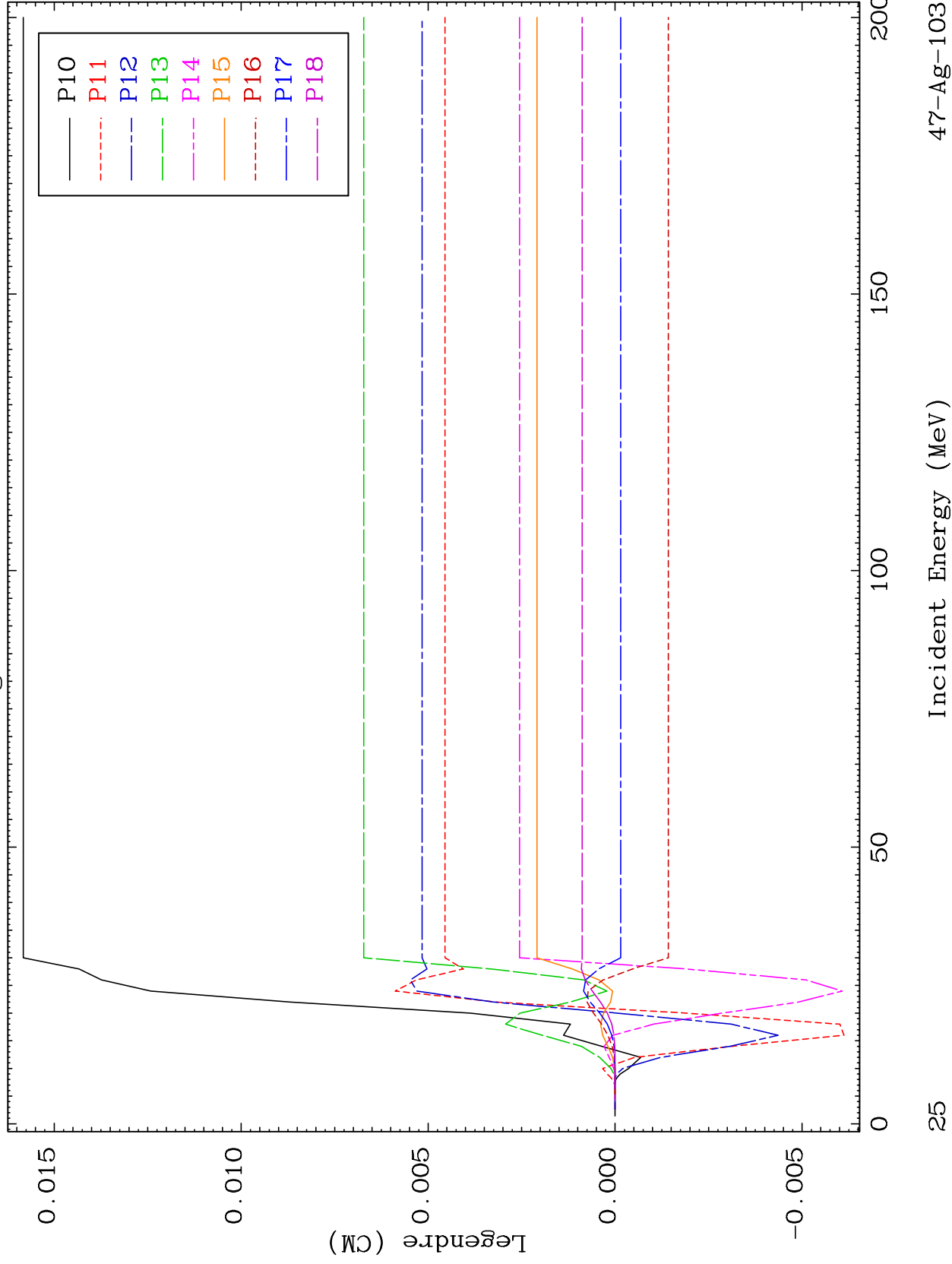
Incident Energy (MeV)

24

MAT 4713

134.4 keV (n,n') Level
Legendre Coefficients

47-Ag-103



47-Ag-103

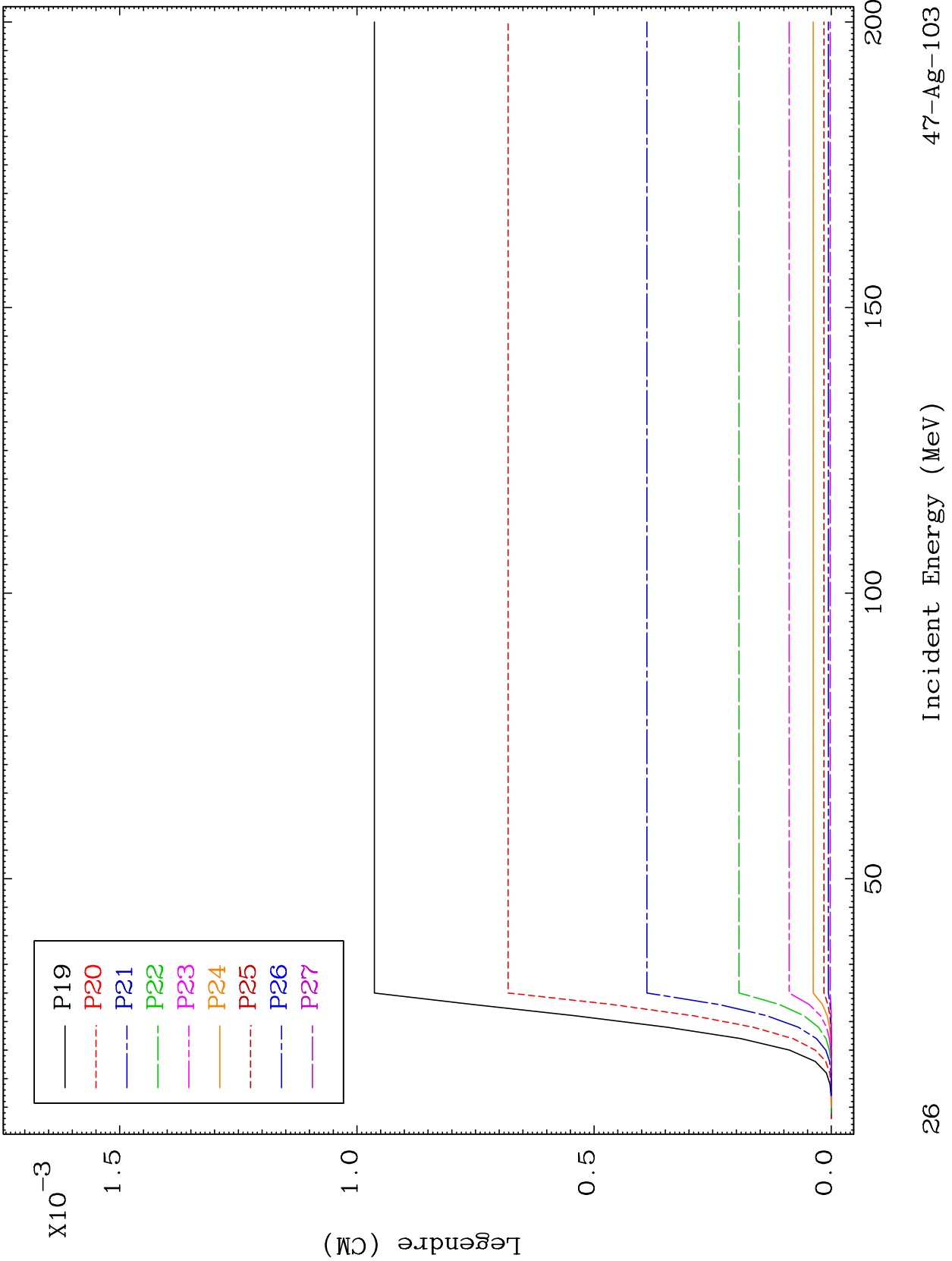
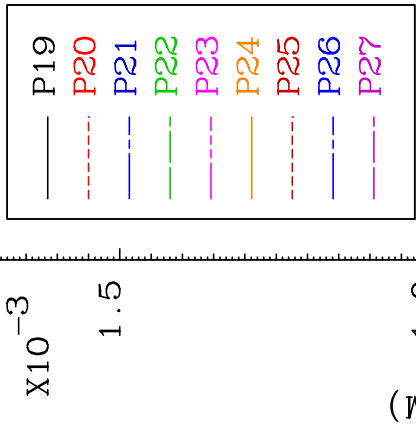
Incident Energy (MeV)

25

MAT 4713

134.4 keV (n,n') Level
Legendre Coefficients

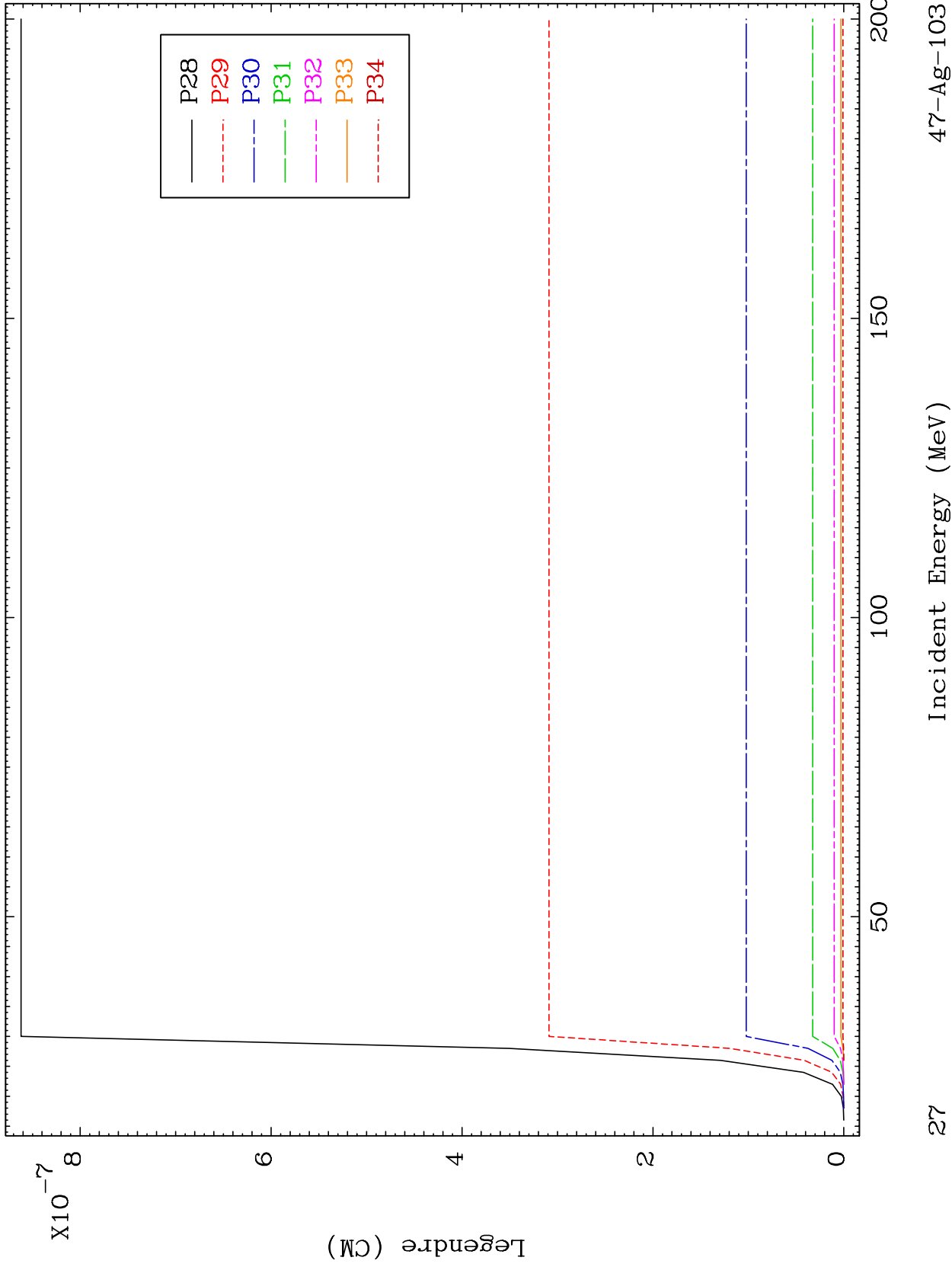
47-Ag-103



MAT 4713

134.4 keV (n,n') Level
Legendre Coefficients

47-Ag-103



27

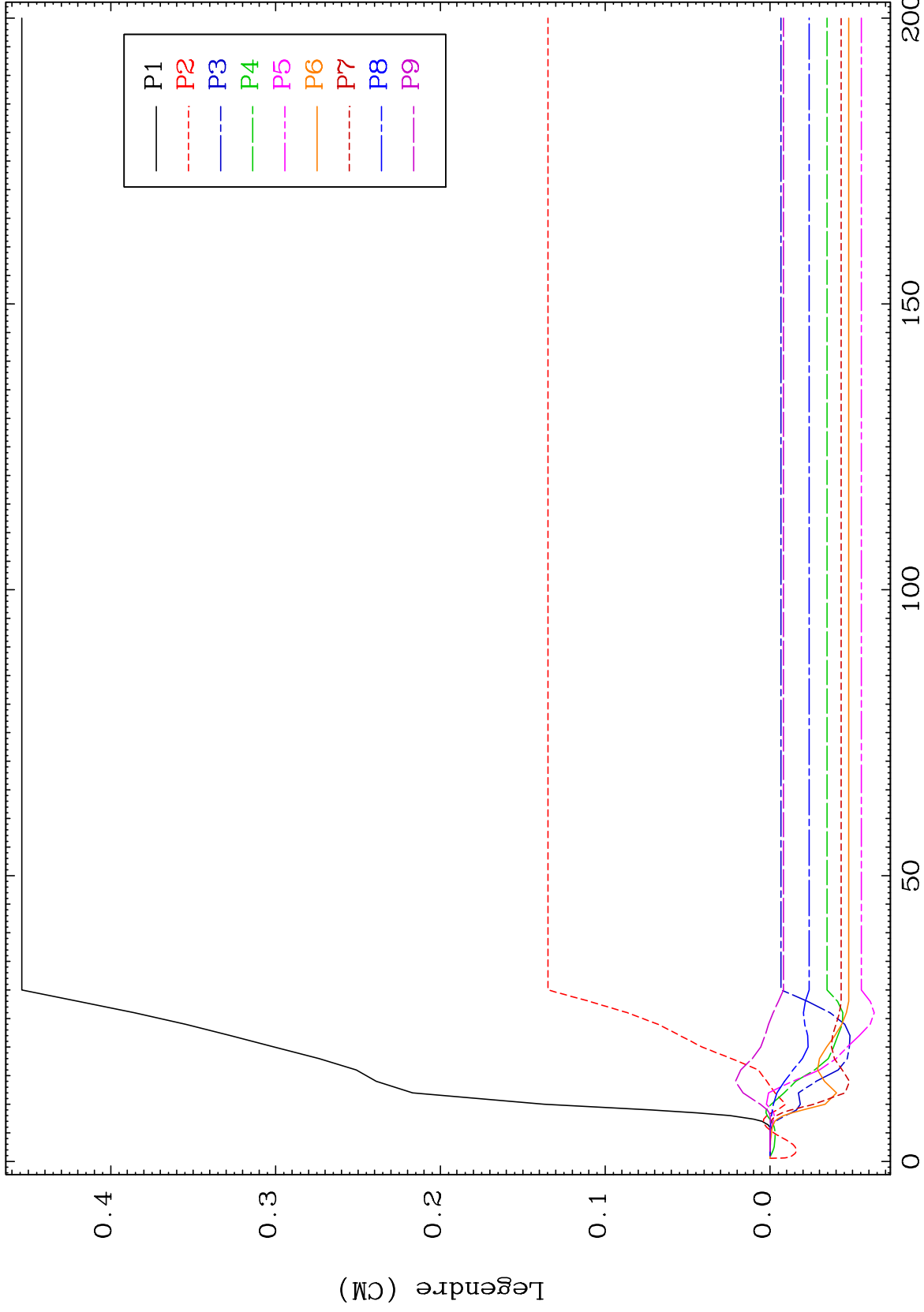
Incident Energy (MeV)

47-Ag-103

MAT 4713

521.4 keV (n,n') Level
Legendre Coefficients

47-Ag-103



28

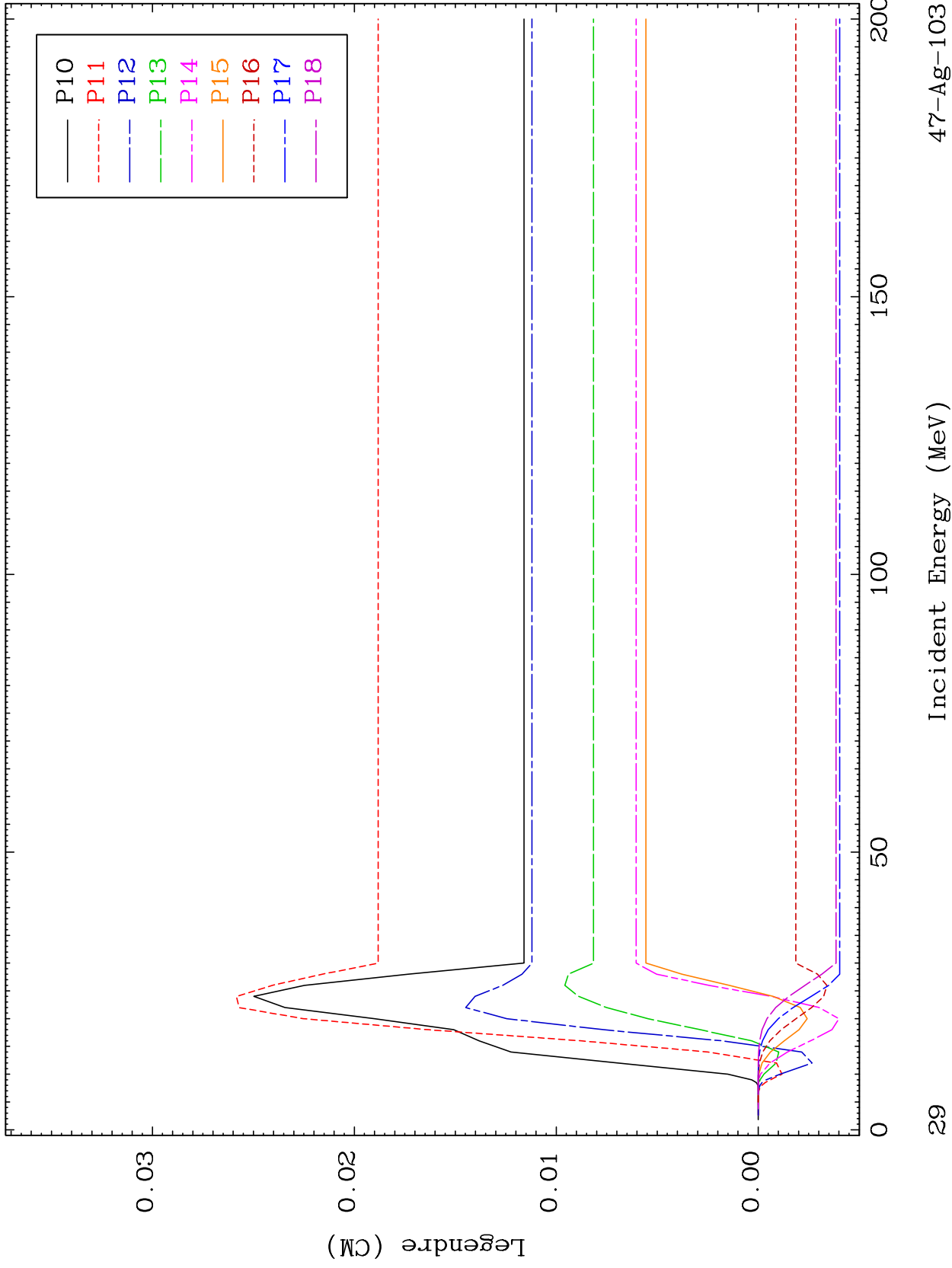
Incident Energy (MeV)

47-Ag-103

MAT 4713

521.4 keV (n,n') Level
Legendre Coefficients

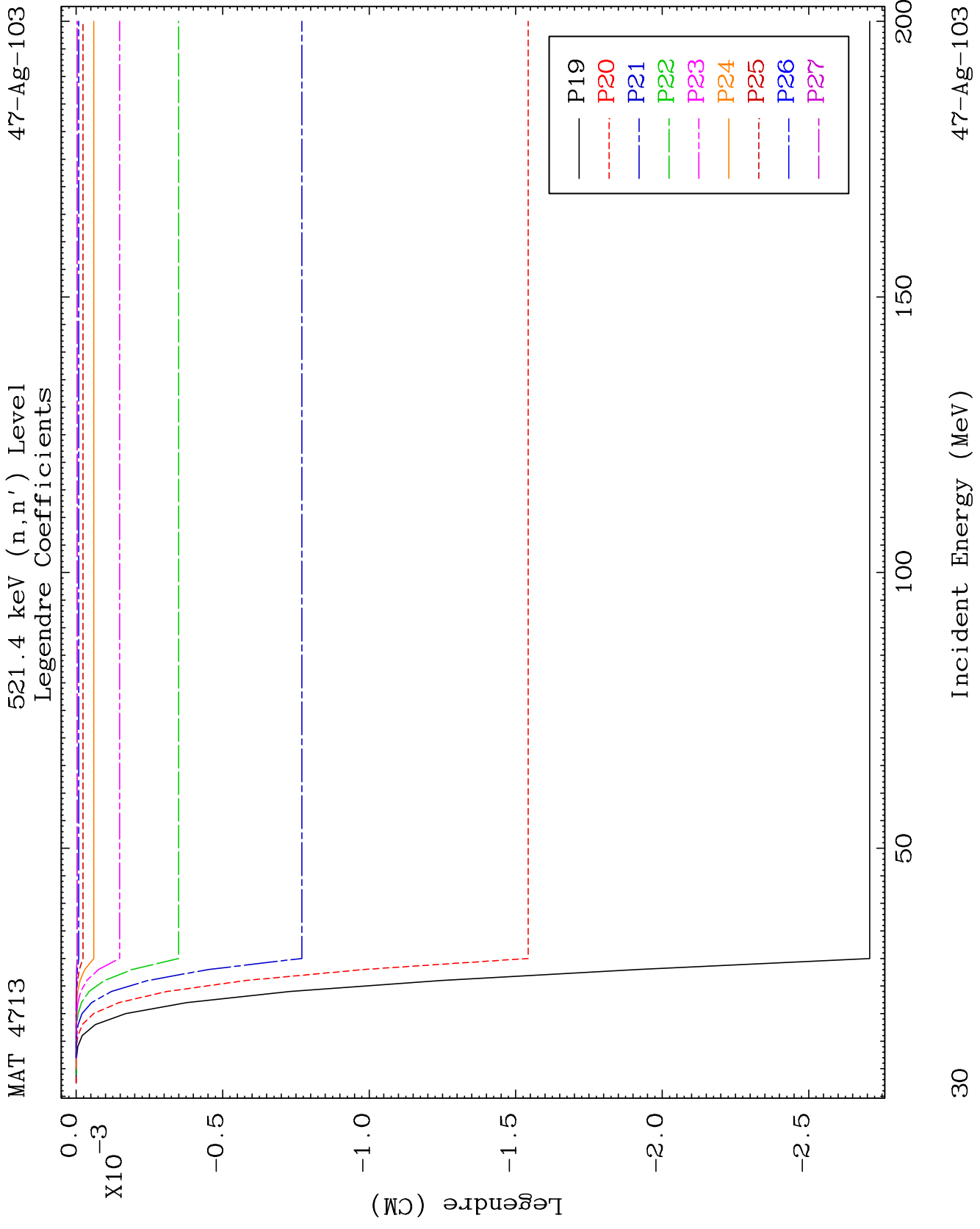
47-Ag-103

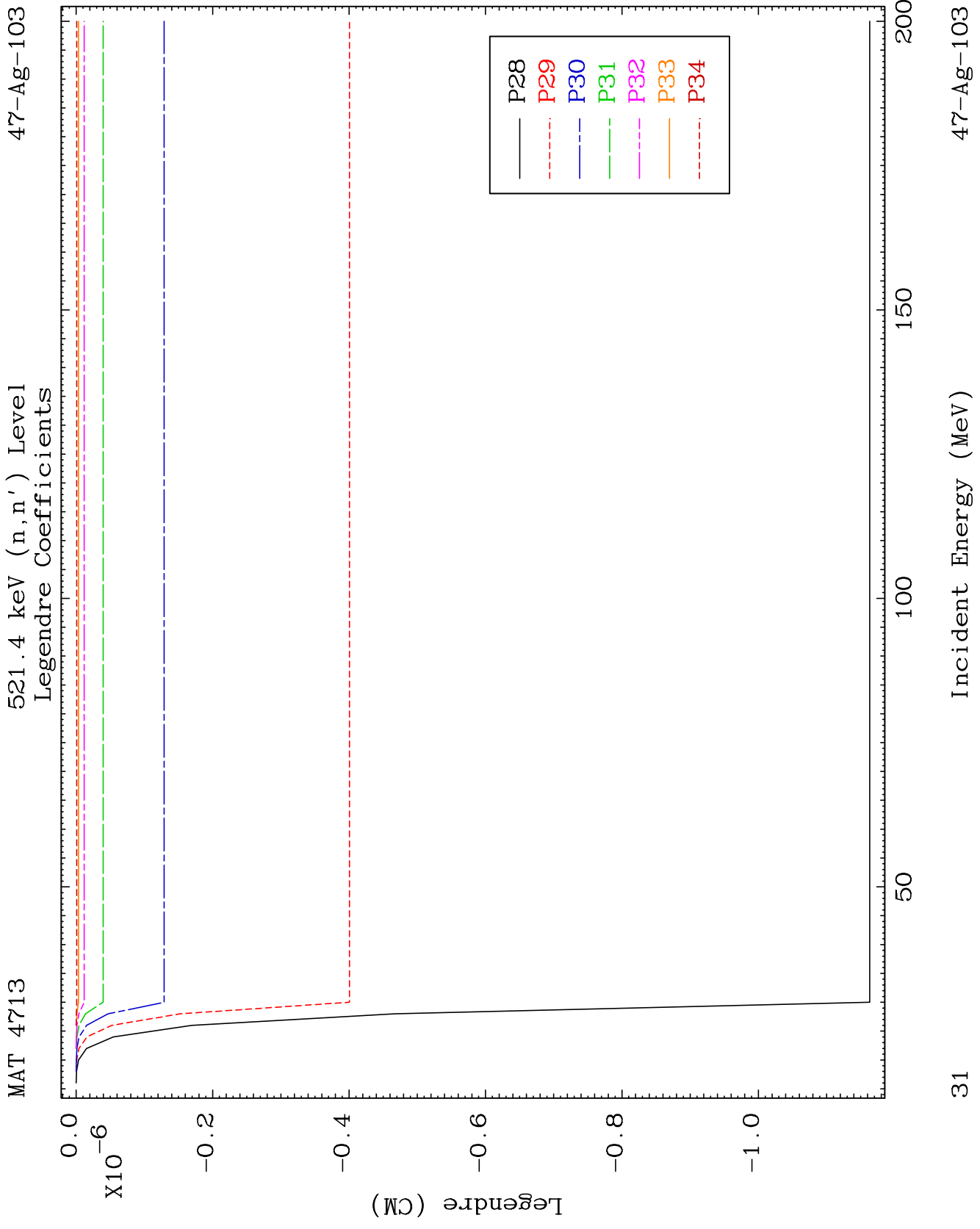


29

Incident Energy (MeV)

47-Ag-103

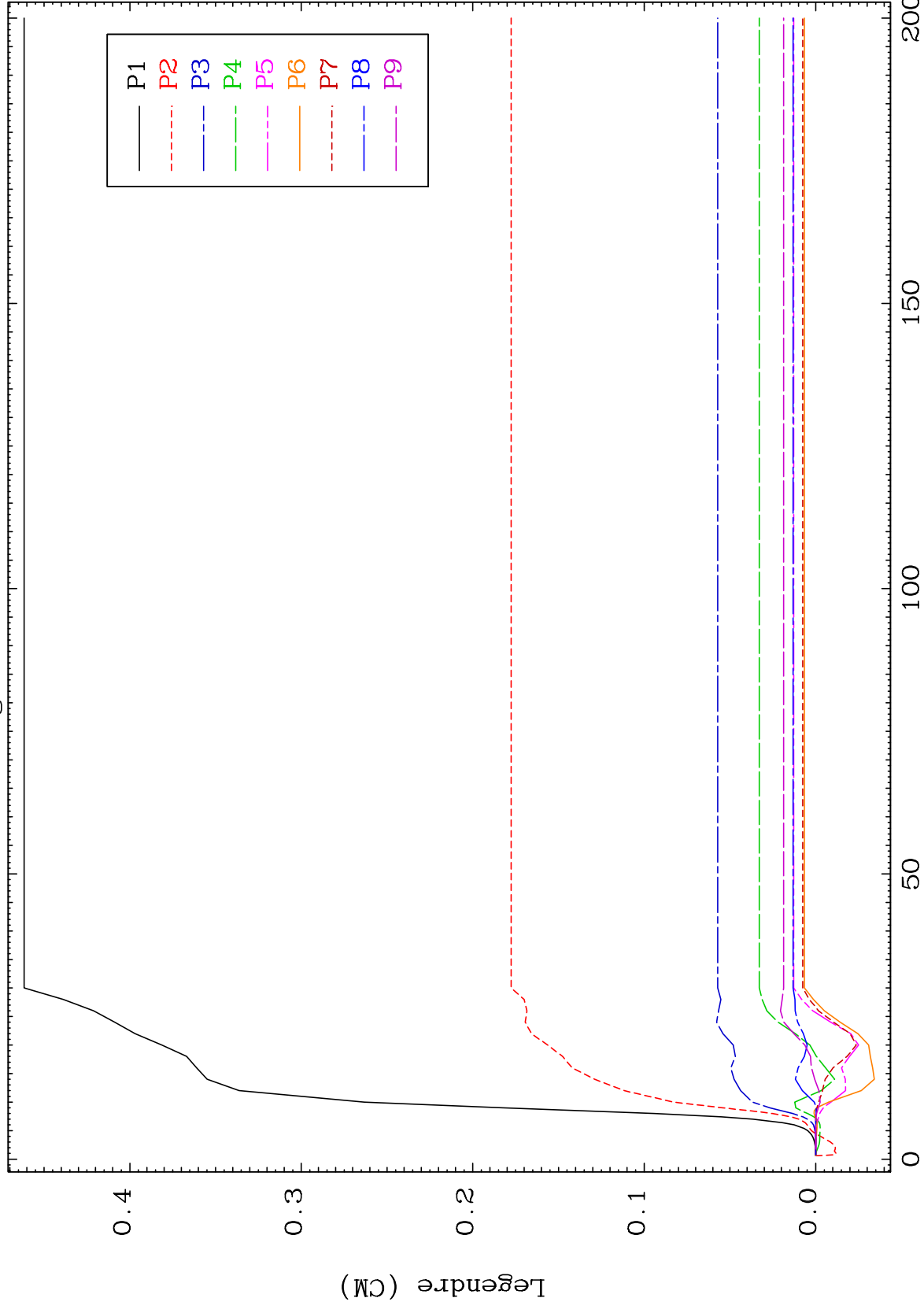




MAT 4713

590.6 keV (n,n') Level
Legendre Coefficients

47-Ag-103



47-Ag-103

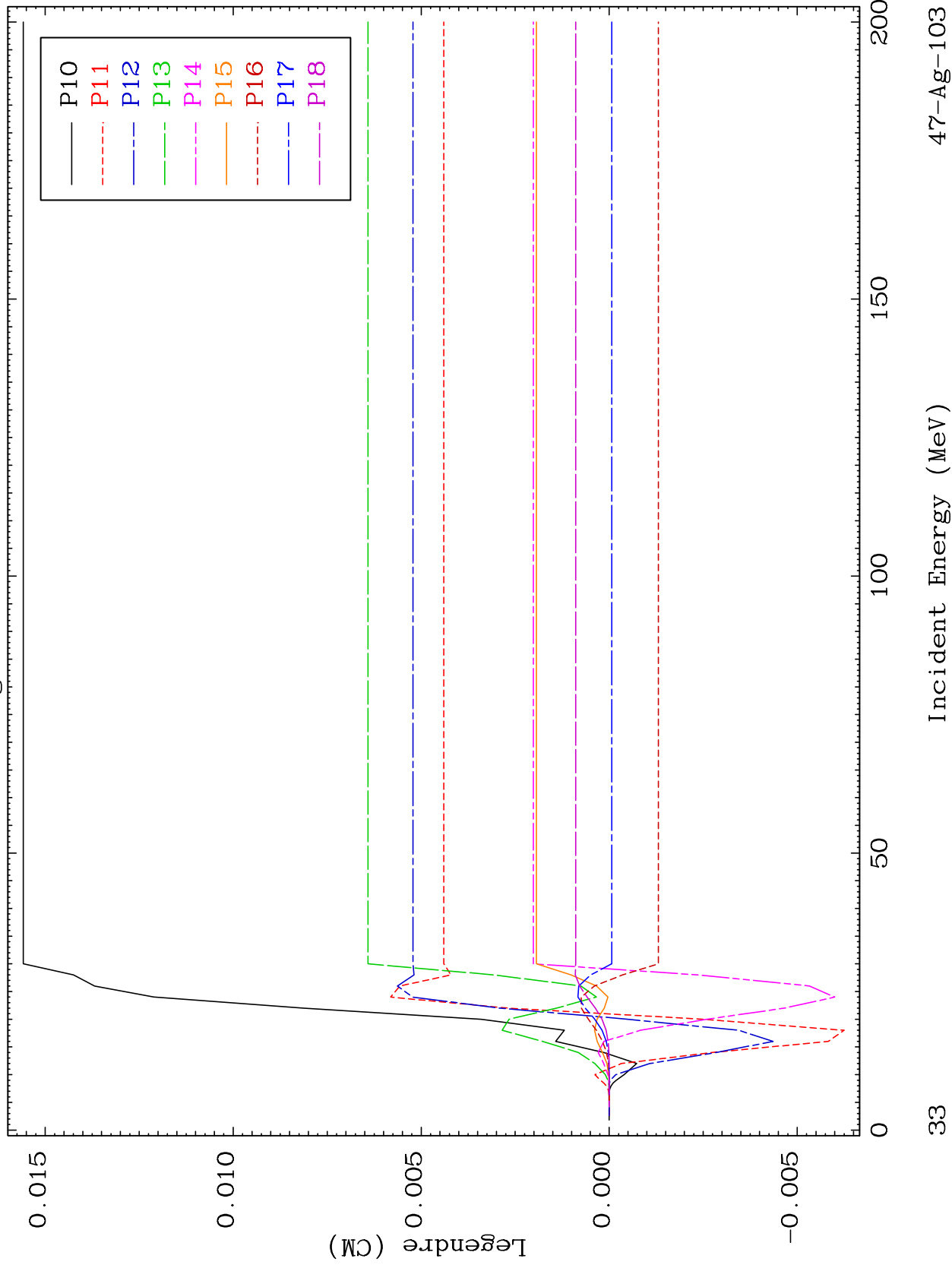
Incident Energy (MeV)

32

MAT 4713

590.6 keV (n,n') Level
Legendre Coefficients

47-Ag-103



33

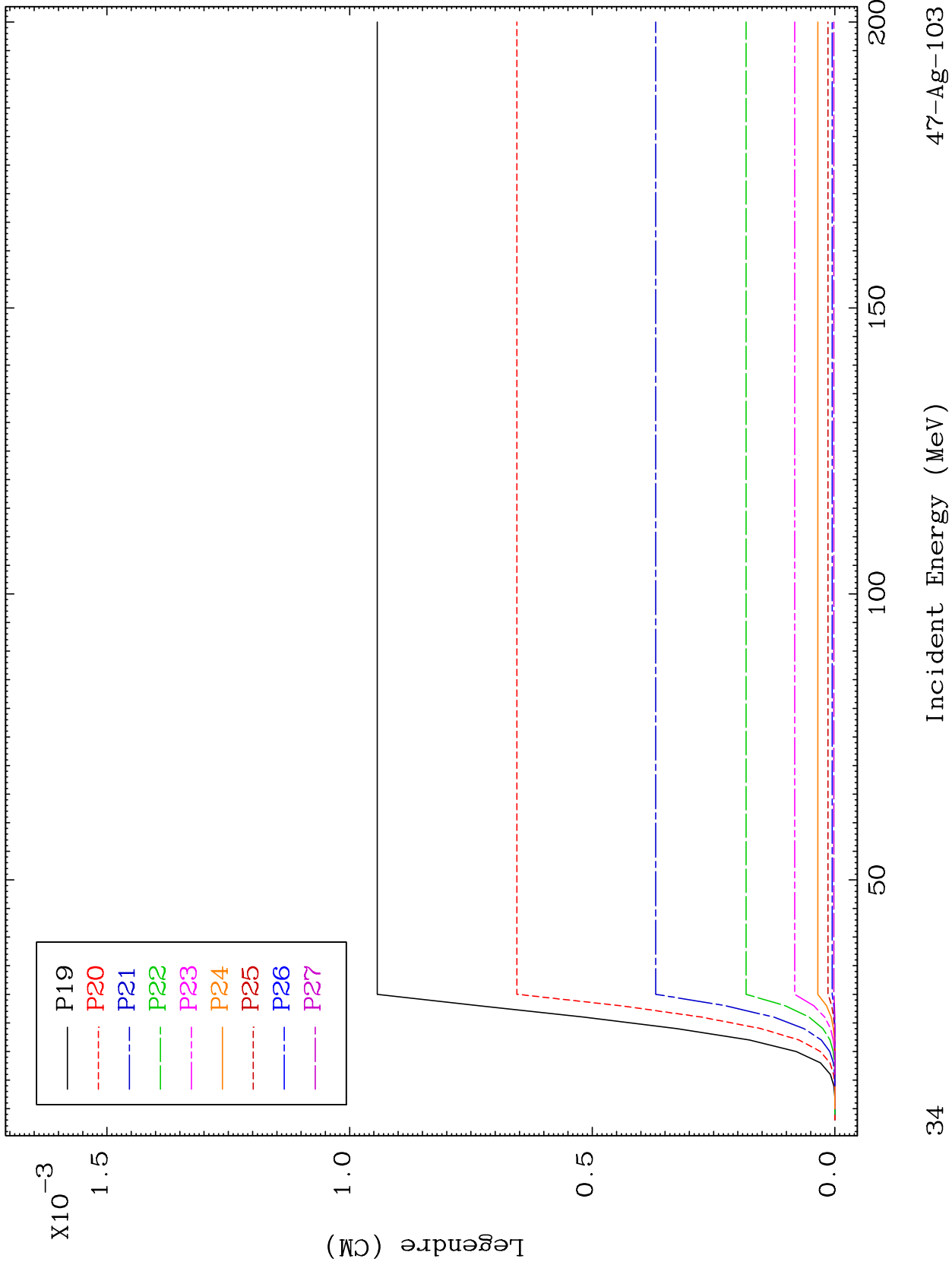
Incident Energy (MeV)

47-Ag-103

MAT 4713

590.6 keV (n,n') Level
Legendre Coefficients

47-Ag-103



34

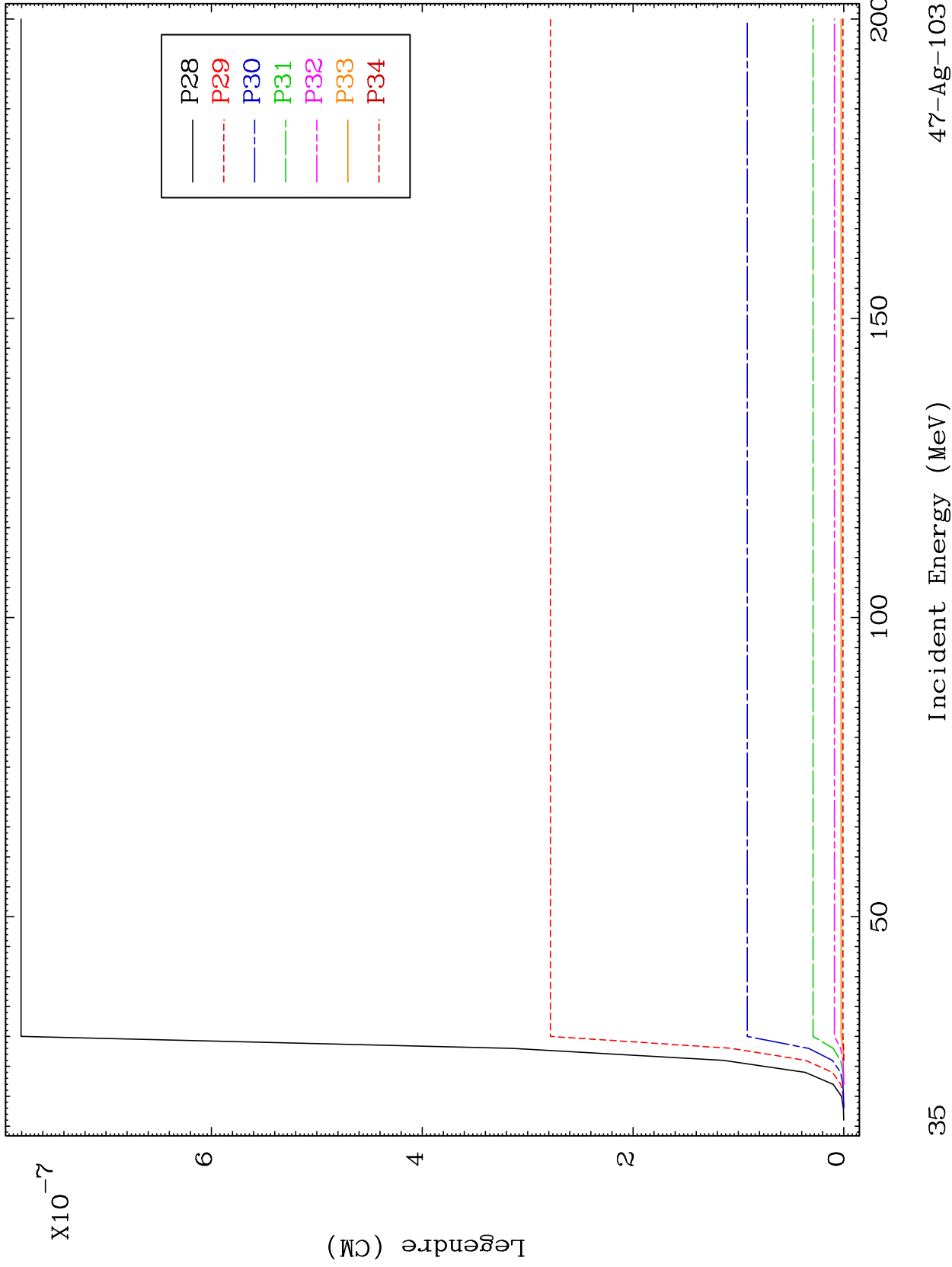
Incident Energy (MeV)

47-Ag-103

MAT 4713

590.6 keV (n,n') Level
Legendre Coefficients

47-Ag-103



35

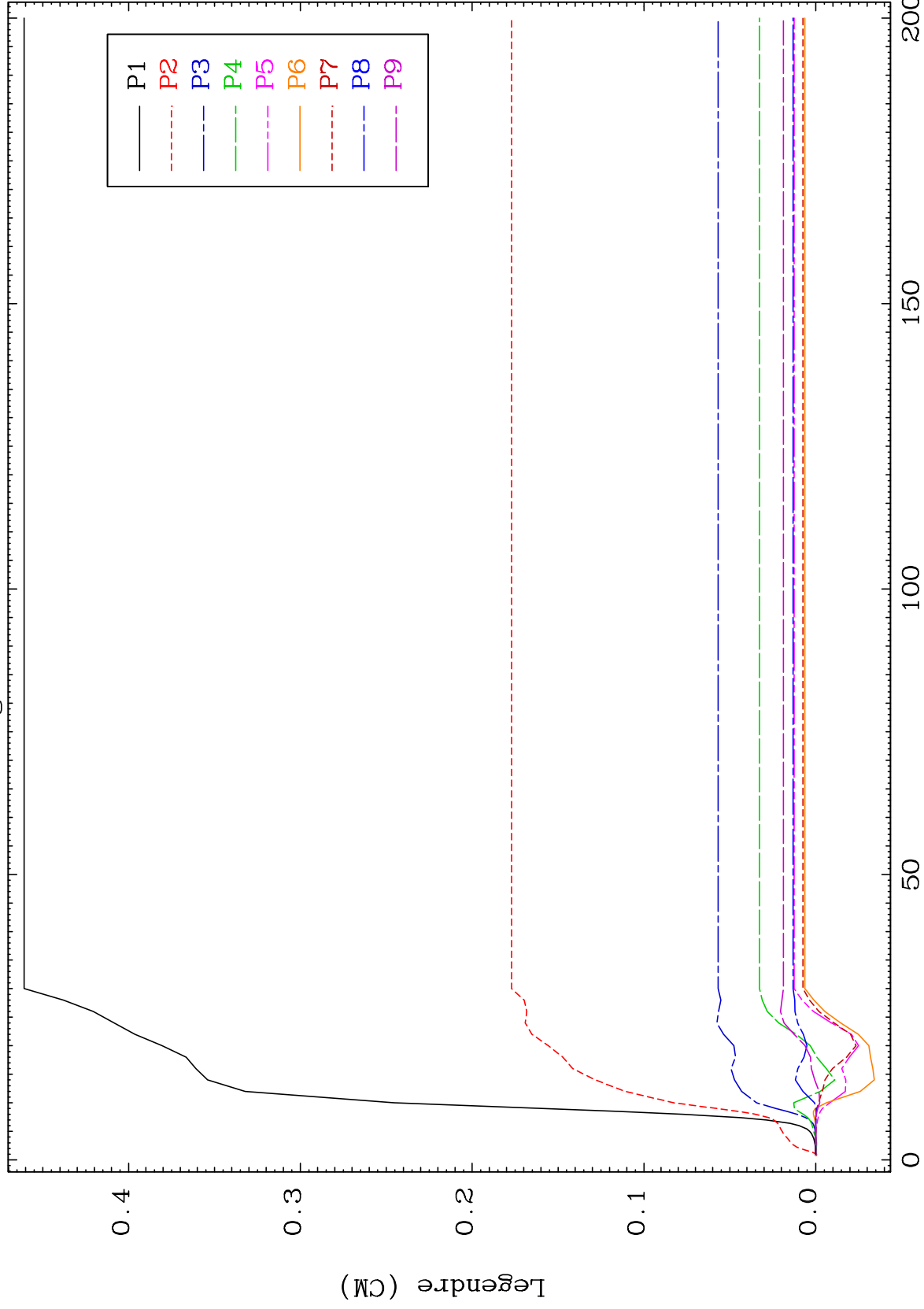
Incident Energy (MeV)

47-Ag-103

MAT 4713

720.9 keV (n,n') Level
Legendre Coefficients

47-Ag-103



36

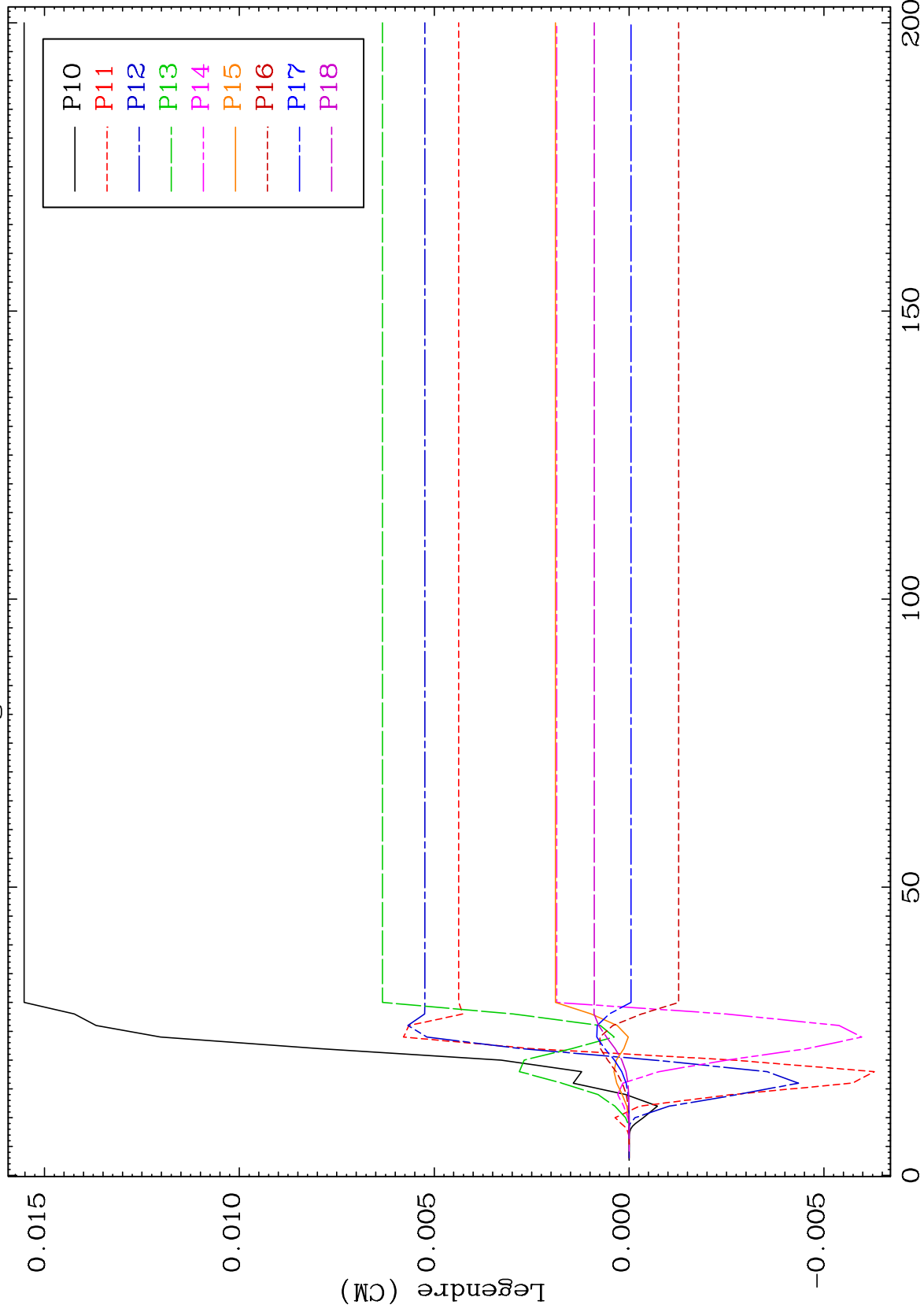
Incident Energy (MeV)

47-Ag-103

MAT 4713

720.9 keV (n,n') Level
Legendre Coefficients

47-Ag-103



37

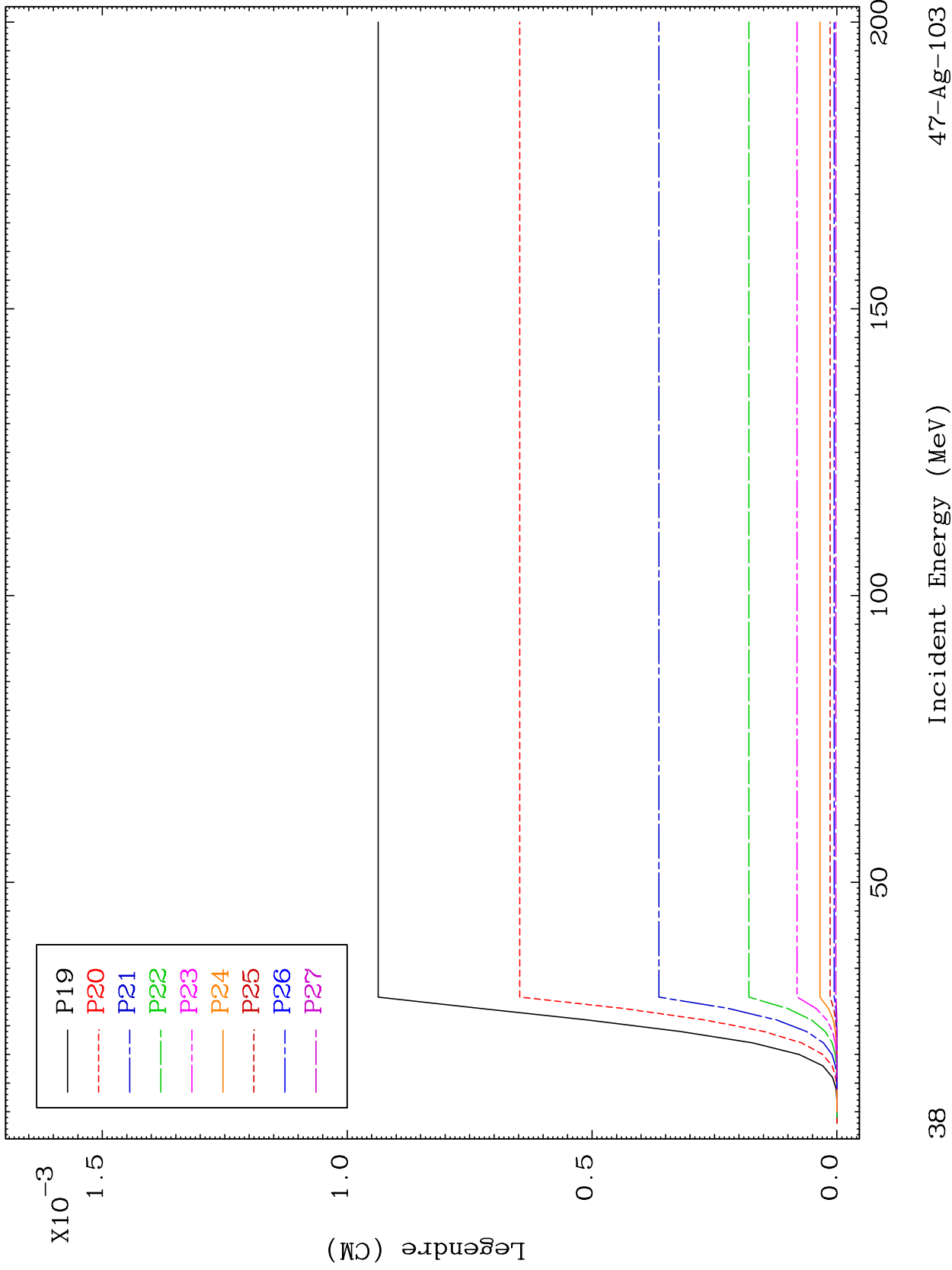
Incident Energy (MeV)

47-Ag-103

MAT 4713

720.9 keV (n,n') Level
Legendre Coefficients

47-Ag-103



38

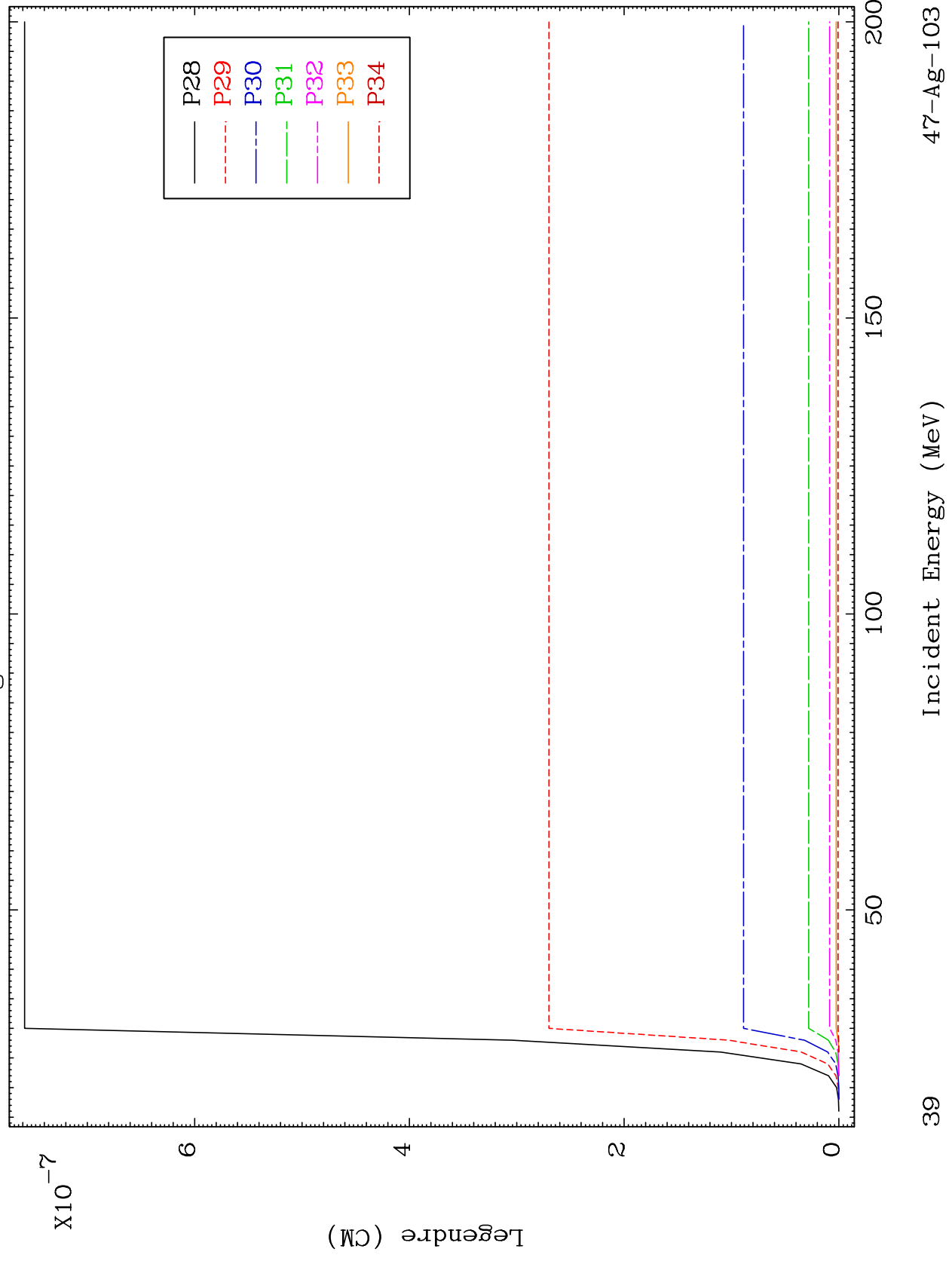
Incident Energy (MeV)

47-Ag-103

MAT 4713

720.9 keV (n,n') Level
Legendre Coefficients

47-Ag-103



39

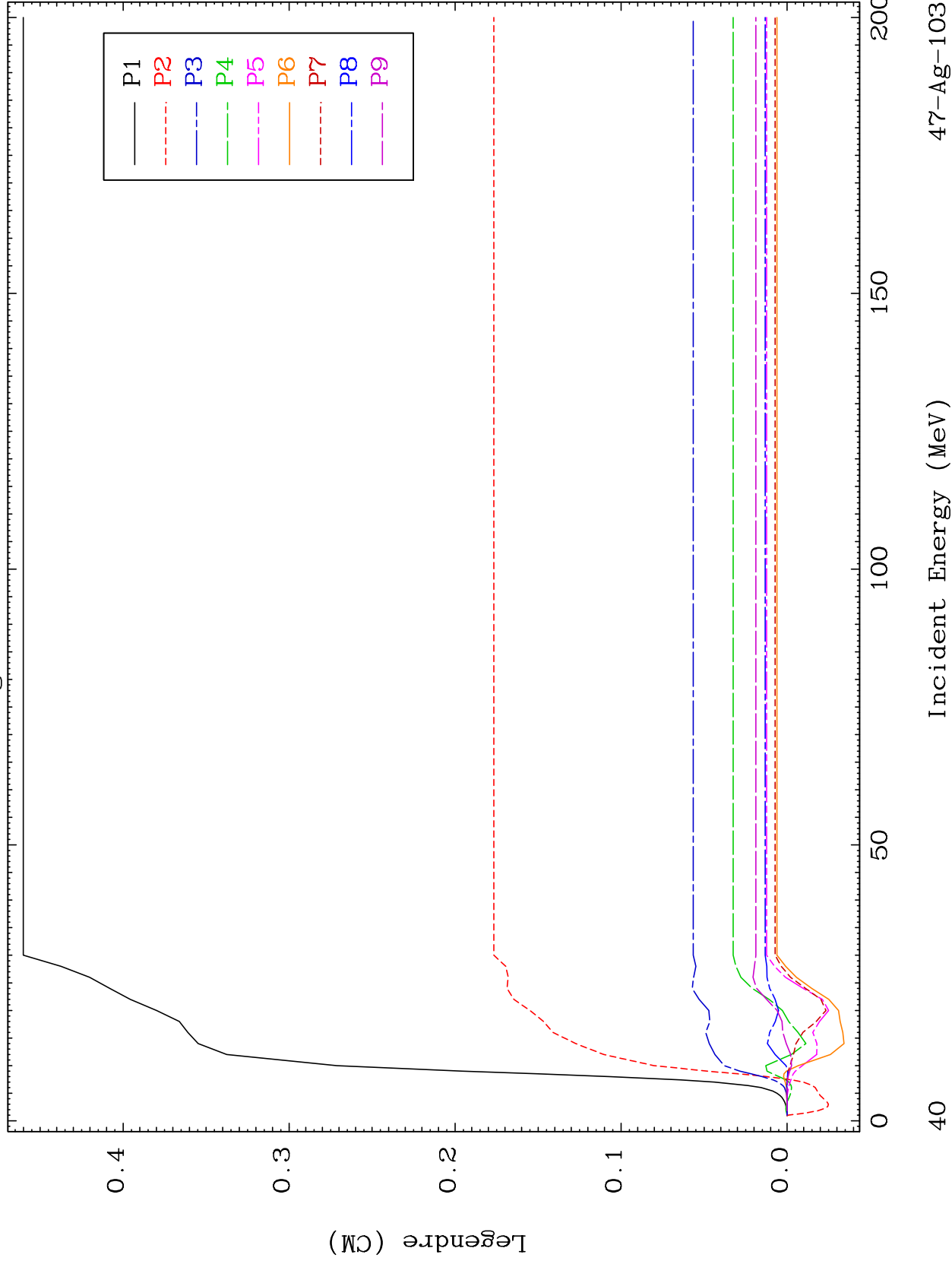
Incident Energy (MeV)

47-Ag-103

MAT 4713

851.0 keV (n,n') Level
Legendre Coefficients

47-Ag-103



47-Ag-103

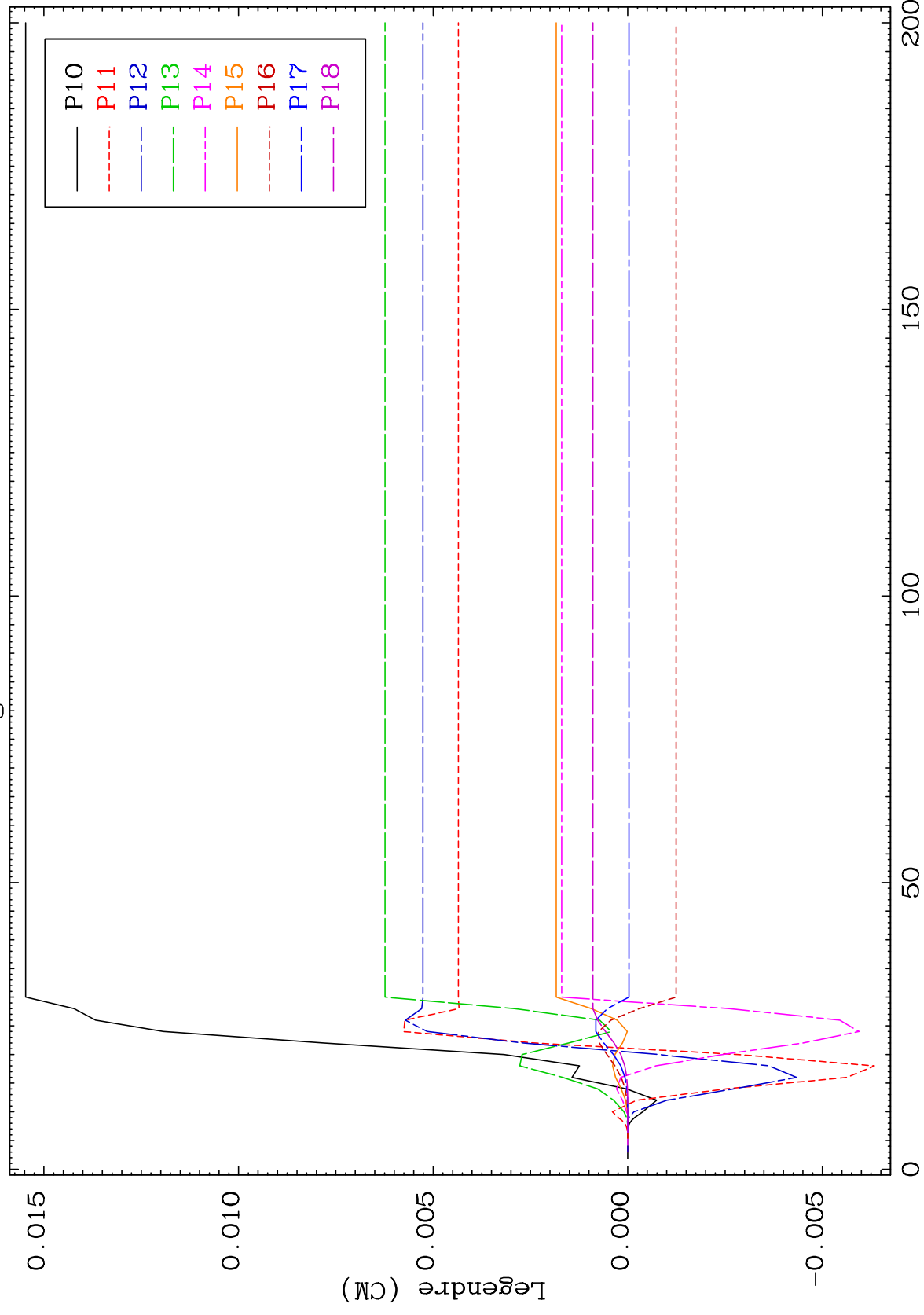
Incident Energy (MeV)

40

MAT 4713

851.0 keV (n,n') Level
Legendre Coefficients

47-Ag-103



41

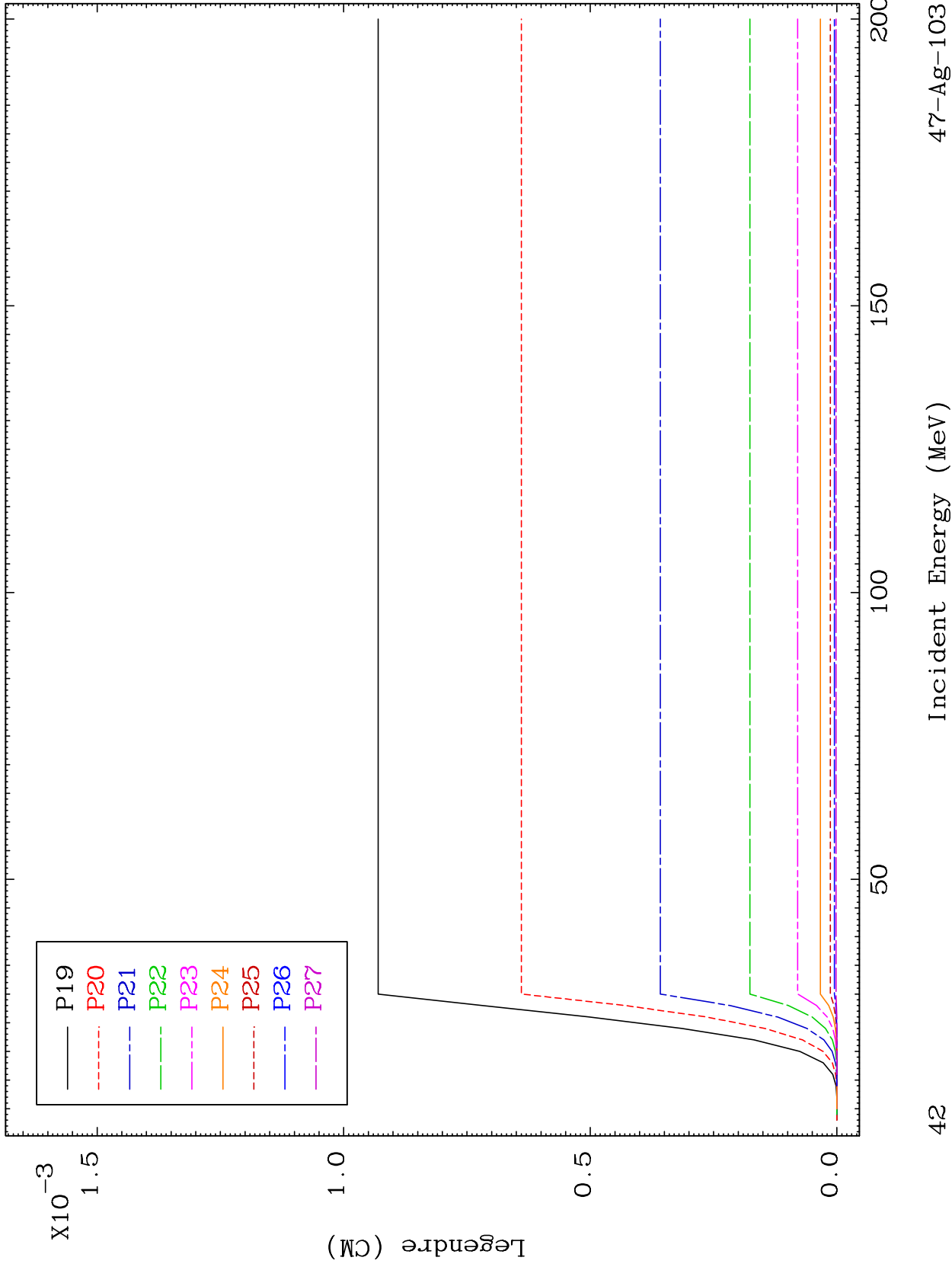
Incident Energy (MeV)

47-Ag-103

MAT 4713

851.0 keV (n,n') Level
Legendre Coefficients

47-Ag-103



42

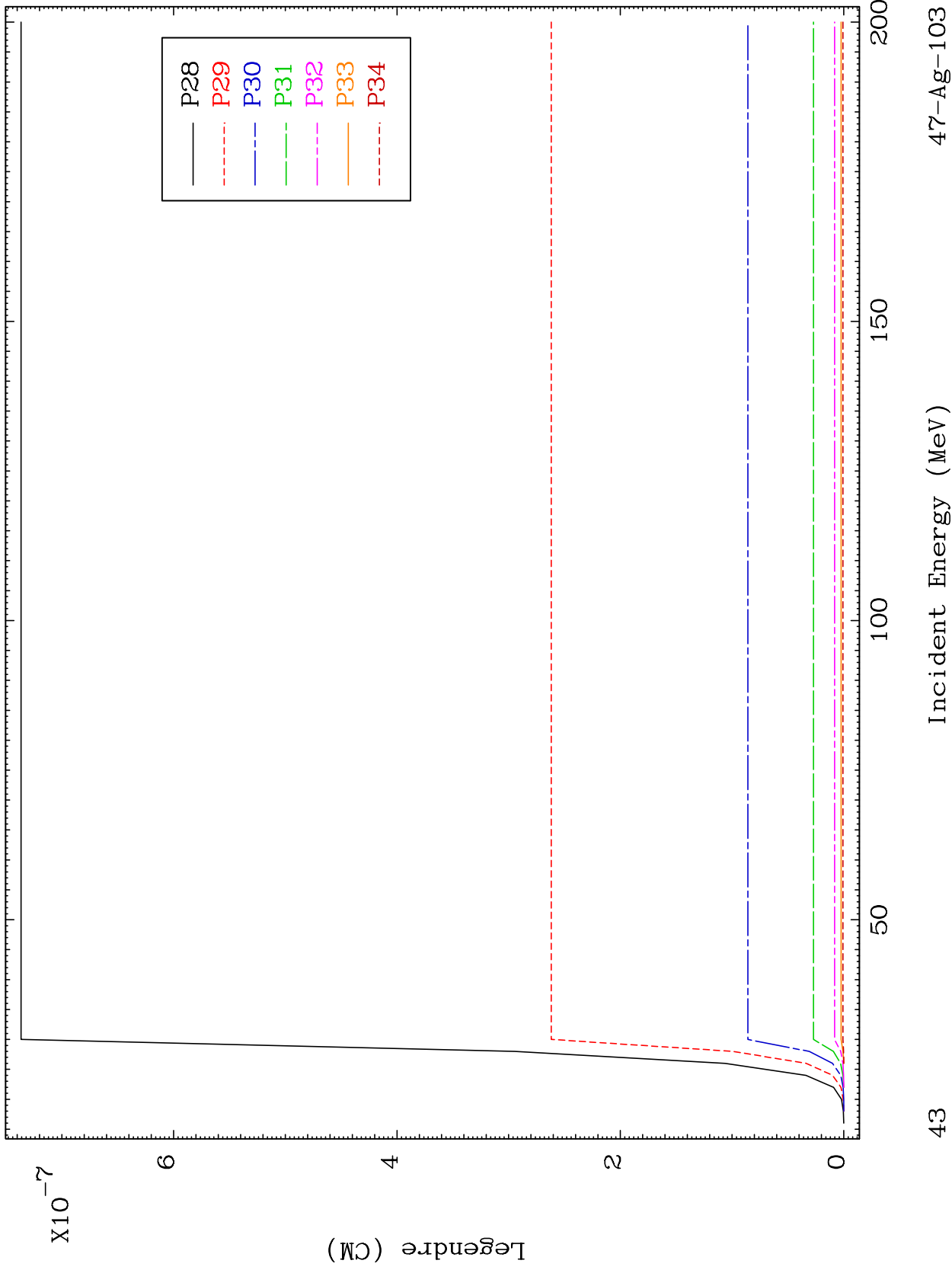
Incident Energy (MeV)

47-Ag-103

MAT 4713

851.0 keV (n,n') Level
Legendre Coefficients

47-Ag-103



43

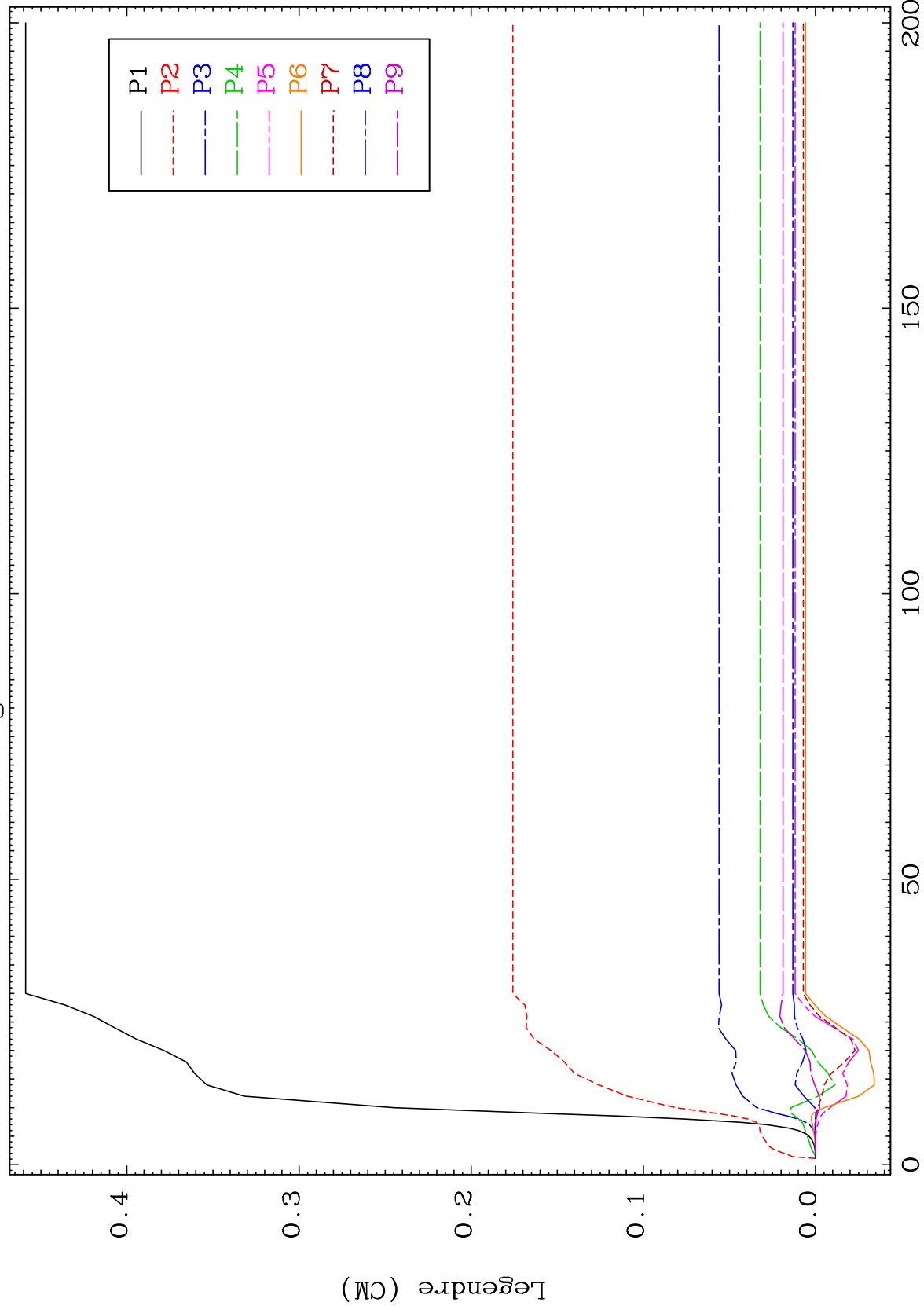
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.080 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



44

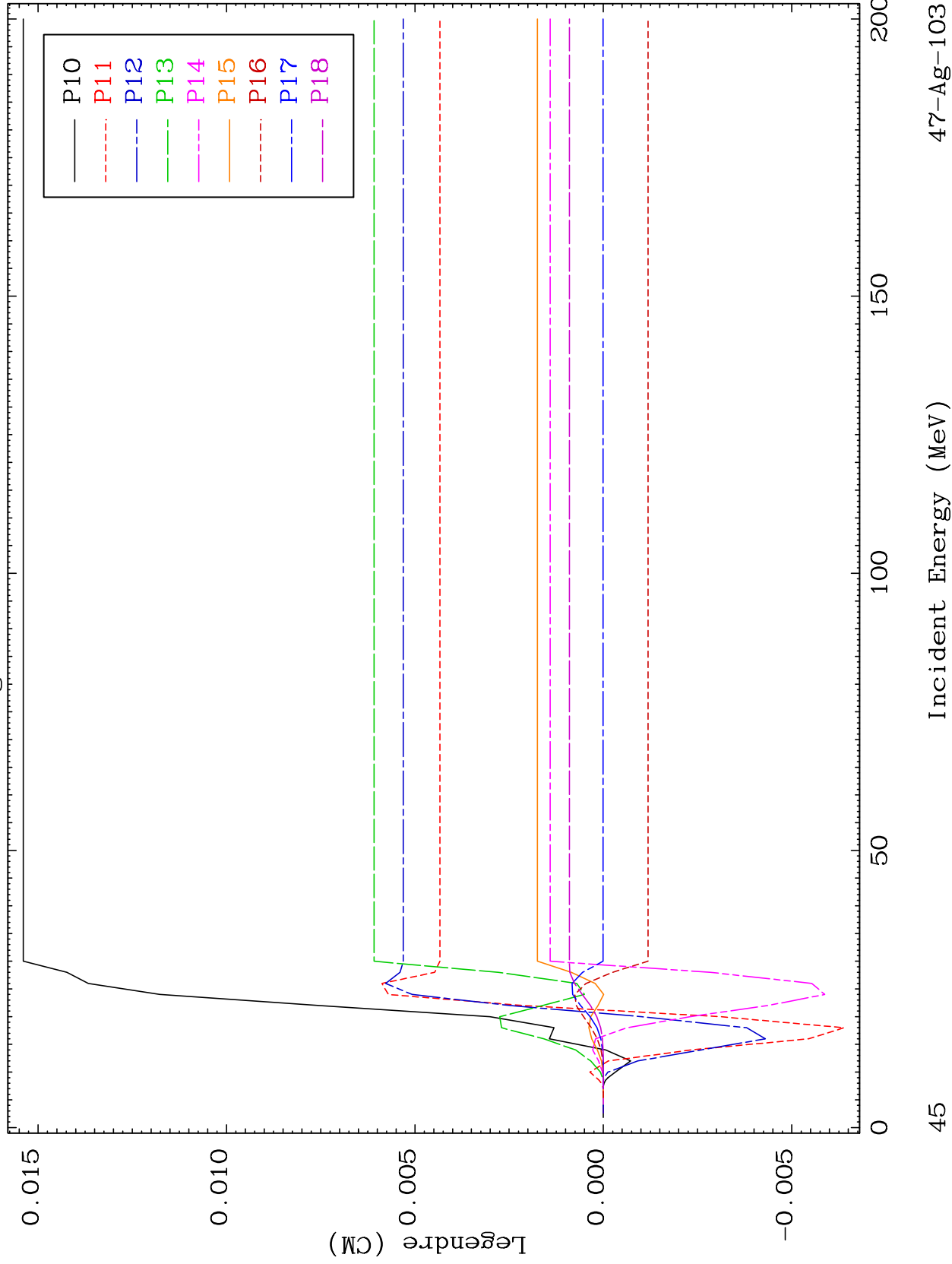
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.080 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



47-Ag-103

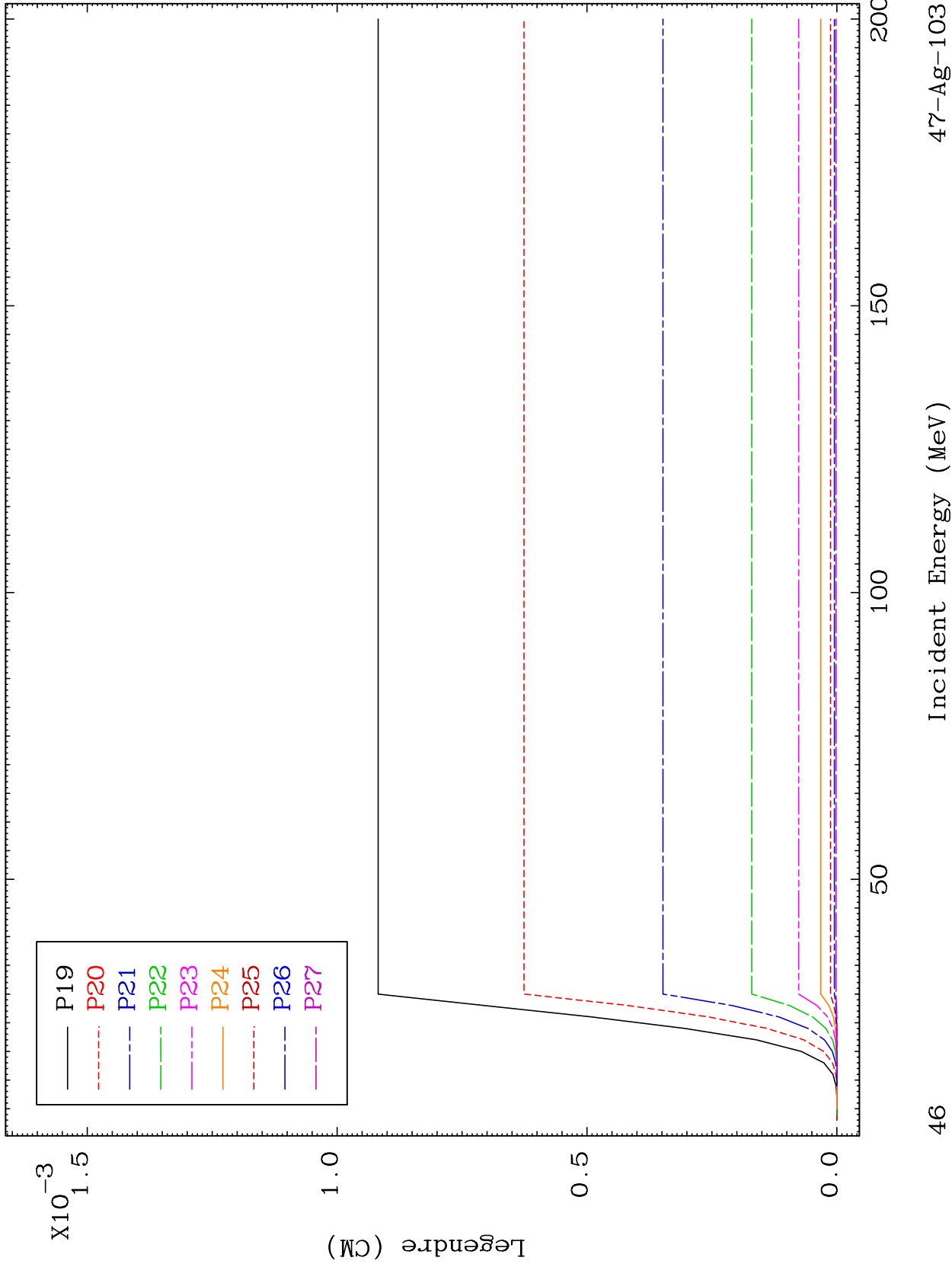
Incident Energy (MeV)

45

MAT 4713

1.080 MeV (n,n') Level
Legendre Coefficients

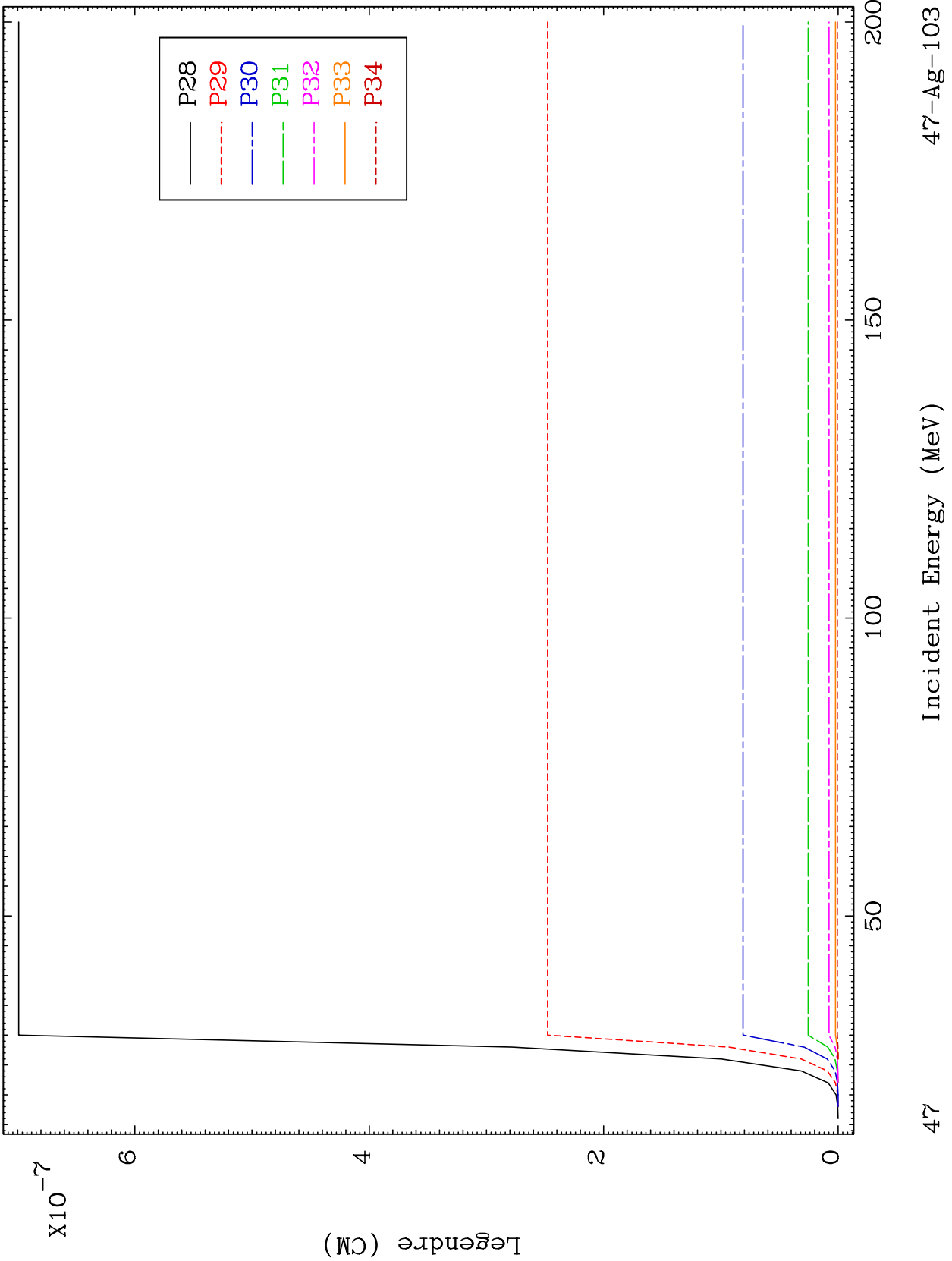
47-Ag-103



MAT 4713

1.080 MeV (n,n') Level
Legendre Coefficients

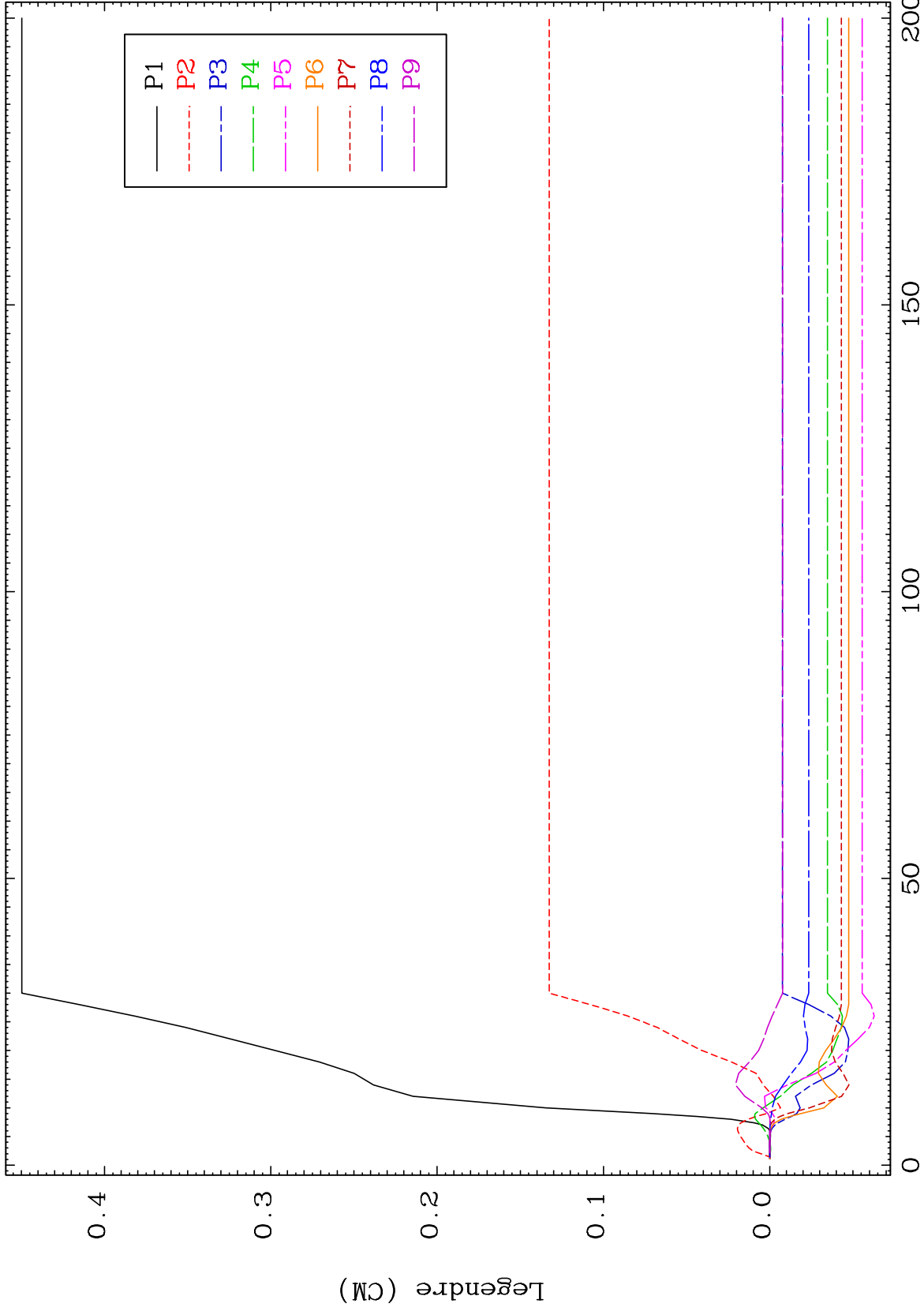
47-Ag-103



MAT 4713

1.084 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



48

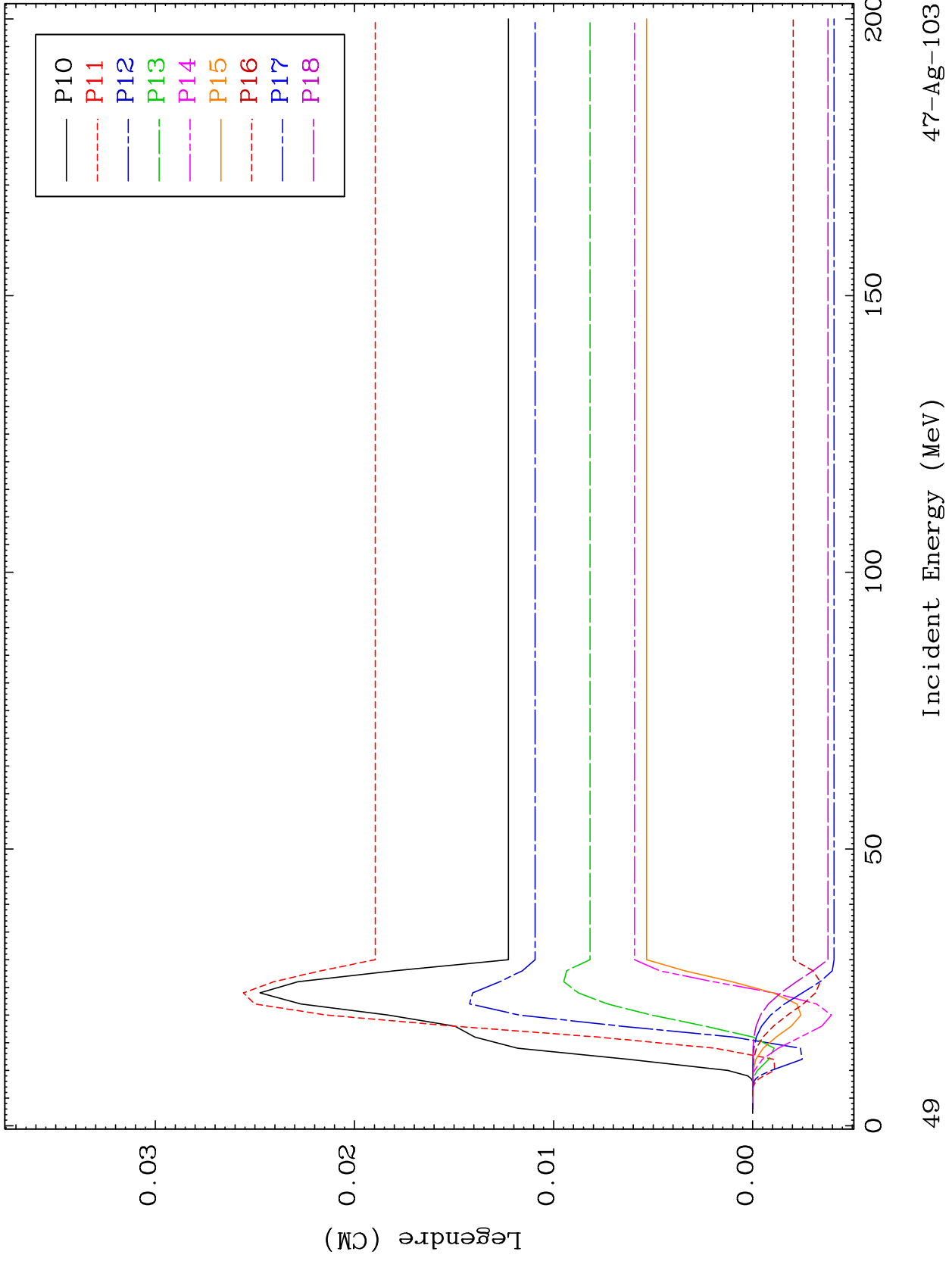
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.084 MeV (n,n') Level
Legendre Coefficients

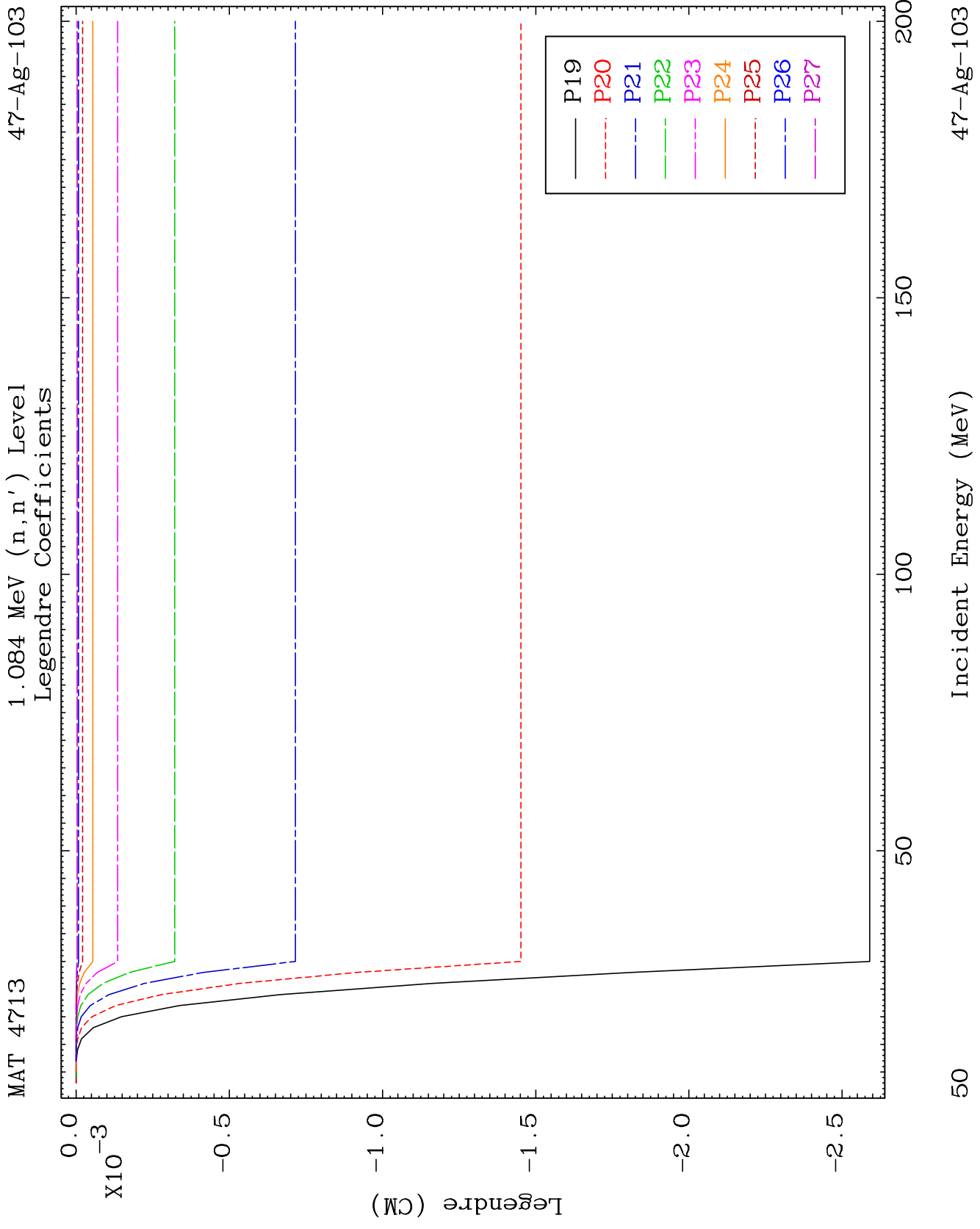
47-Ag-103

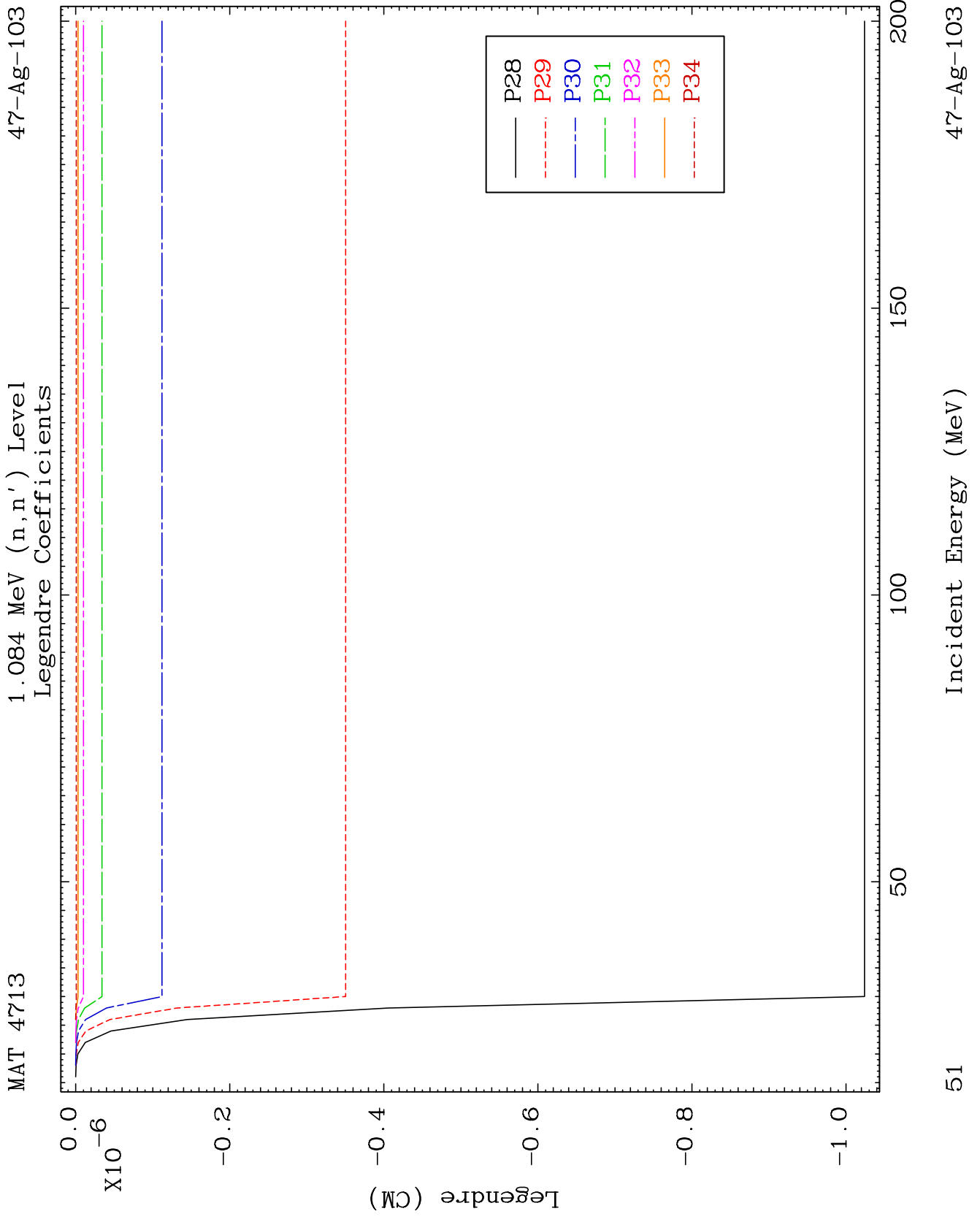


49

Incident Energy (MeV)

47-Ag-103

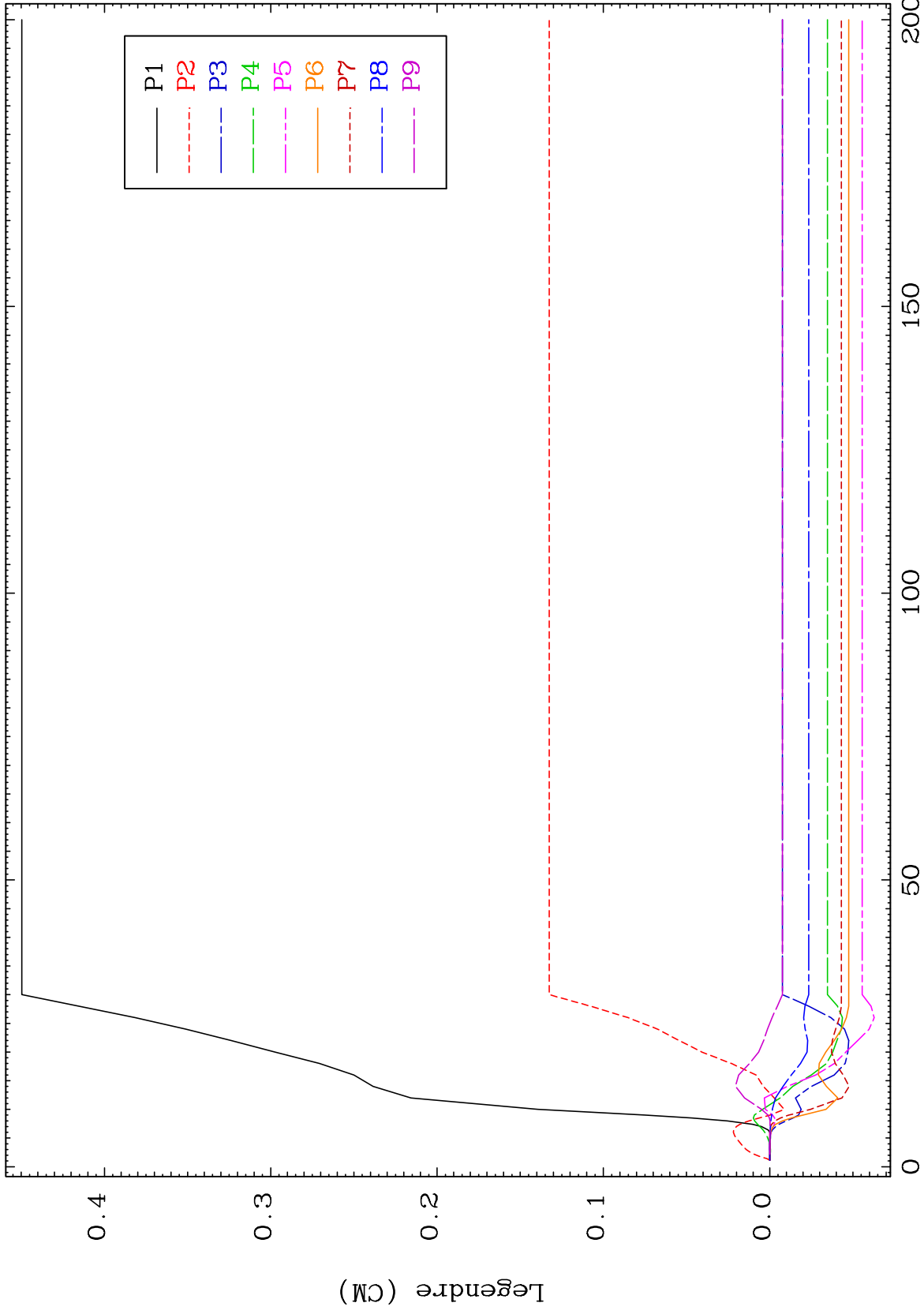




MAT 4713

1.099 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



52

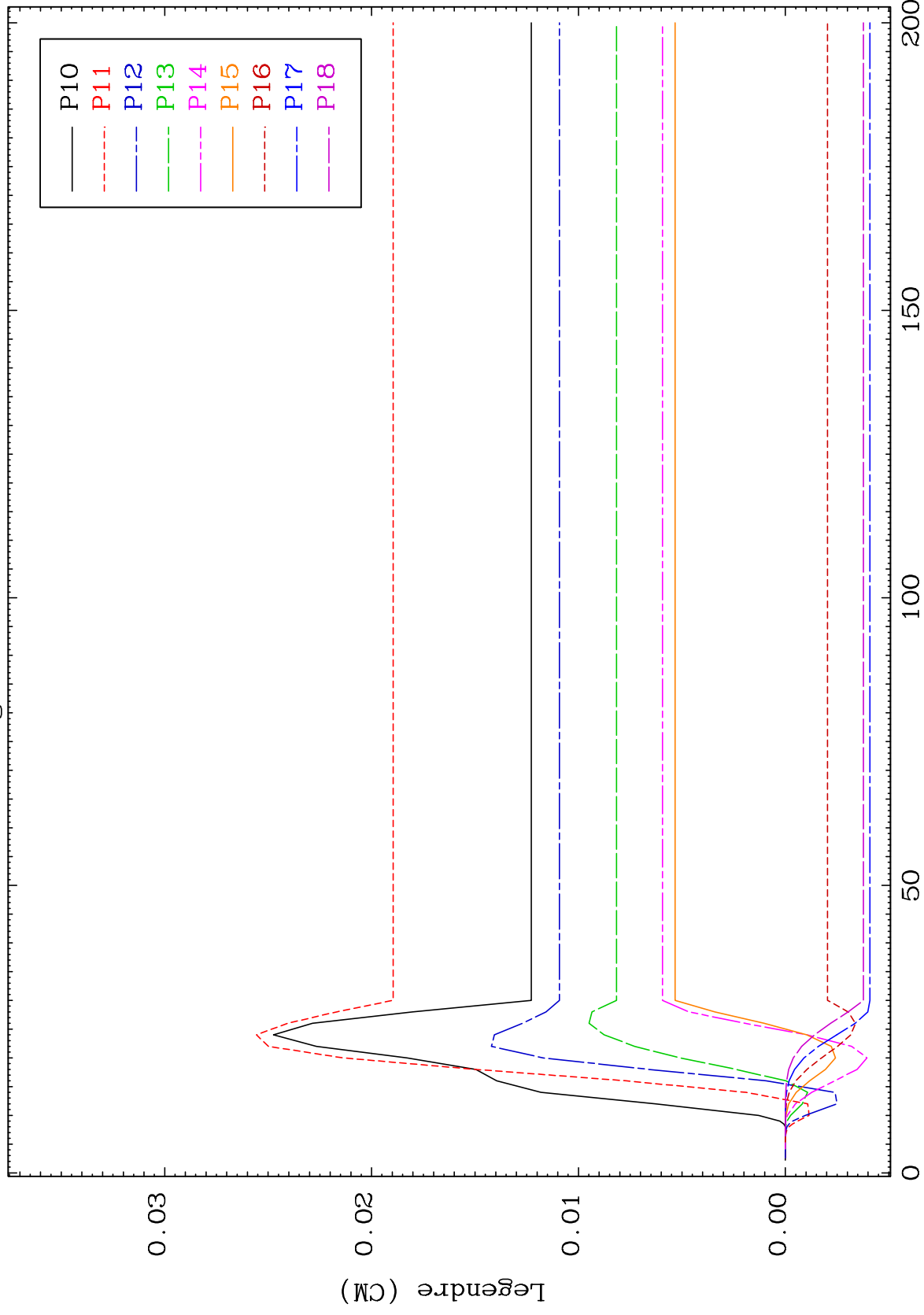
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.099 MeV (n,n') Level
Legendre Coefficients

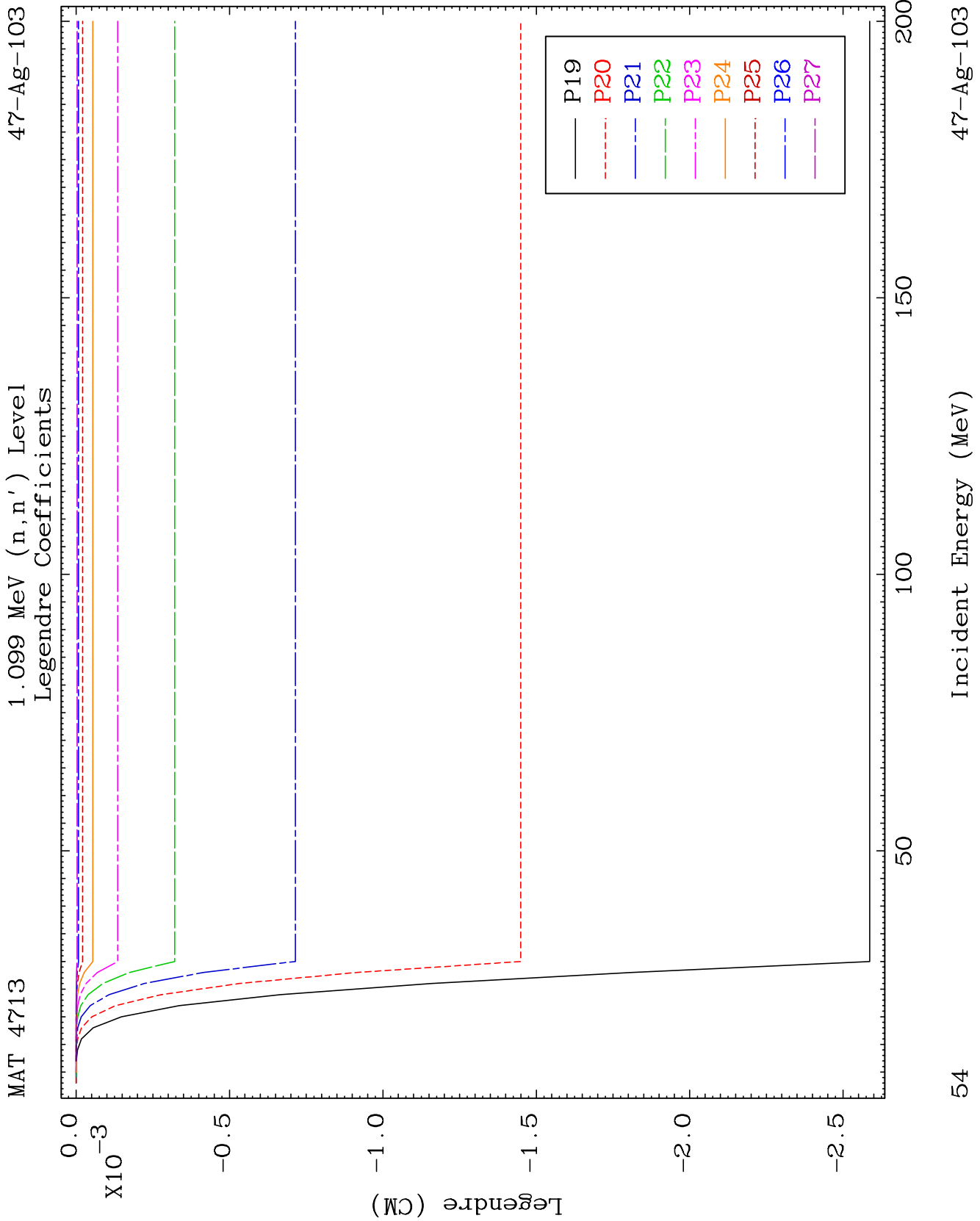
47-Ag-103



53

Incident Energy (MeV)

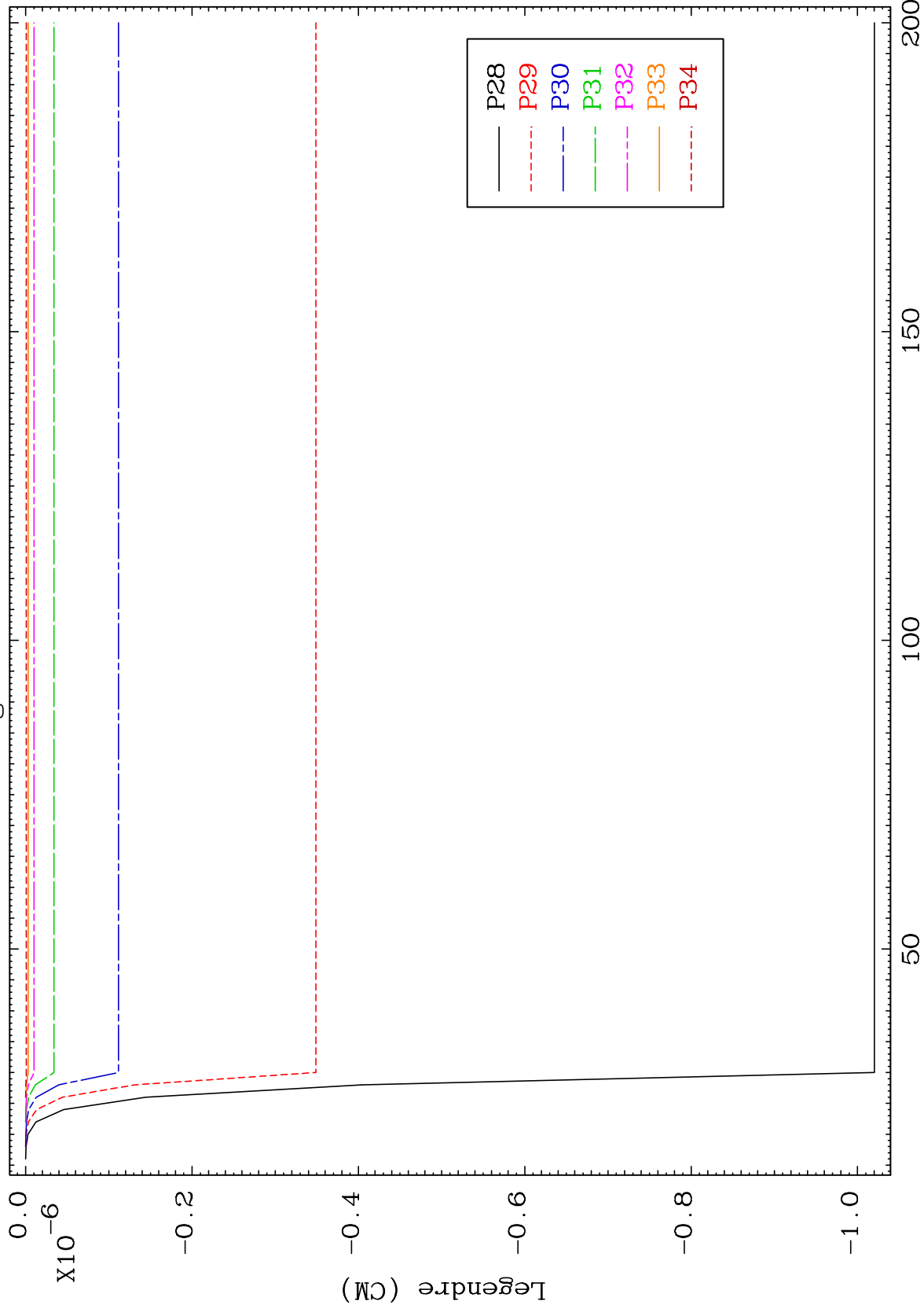
47-Ag-103



MAT 4713

1.099 MeV (n,n') Level
Legendre Coefficients

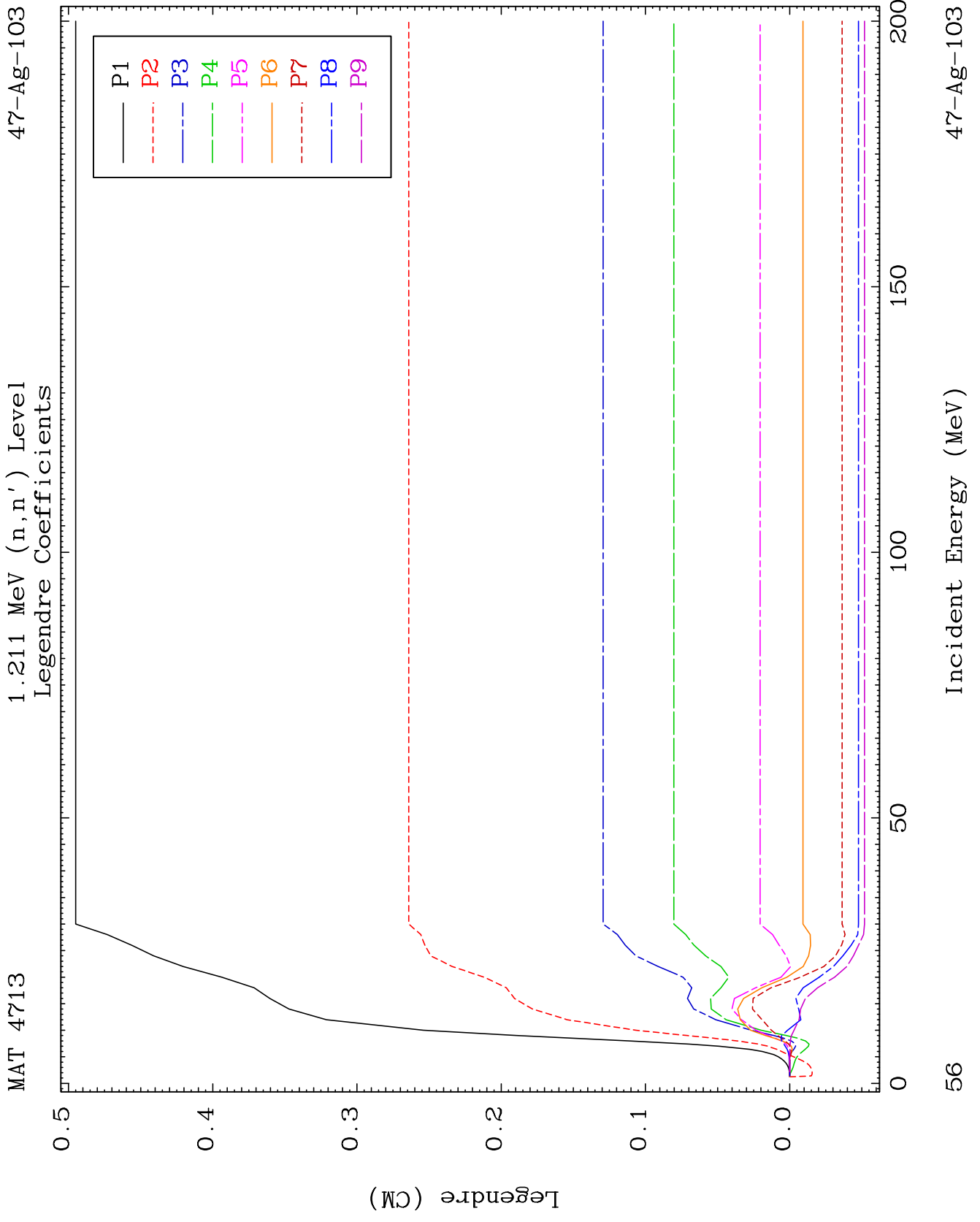
47-Ag-103



55

Incident Energy (MeV)

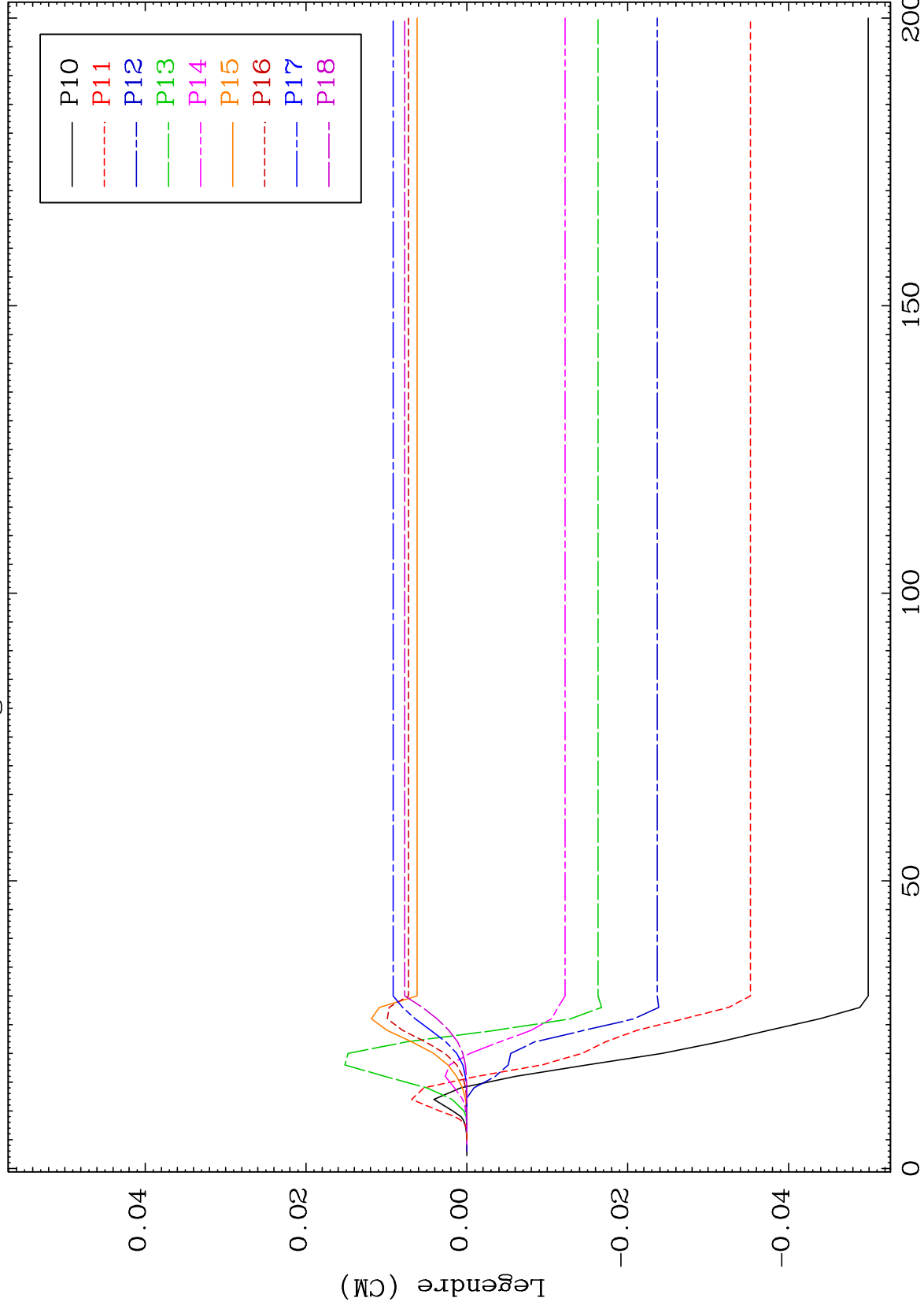
47-Ag-103



MAT 4713

1.211 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



57

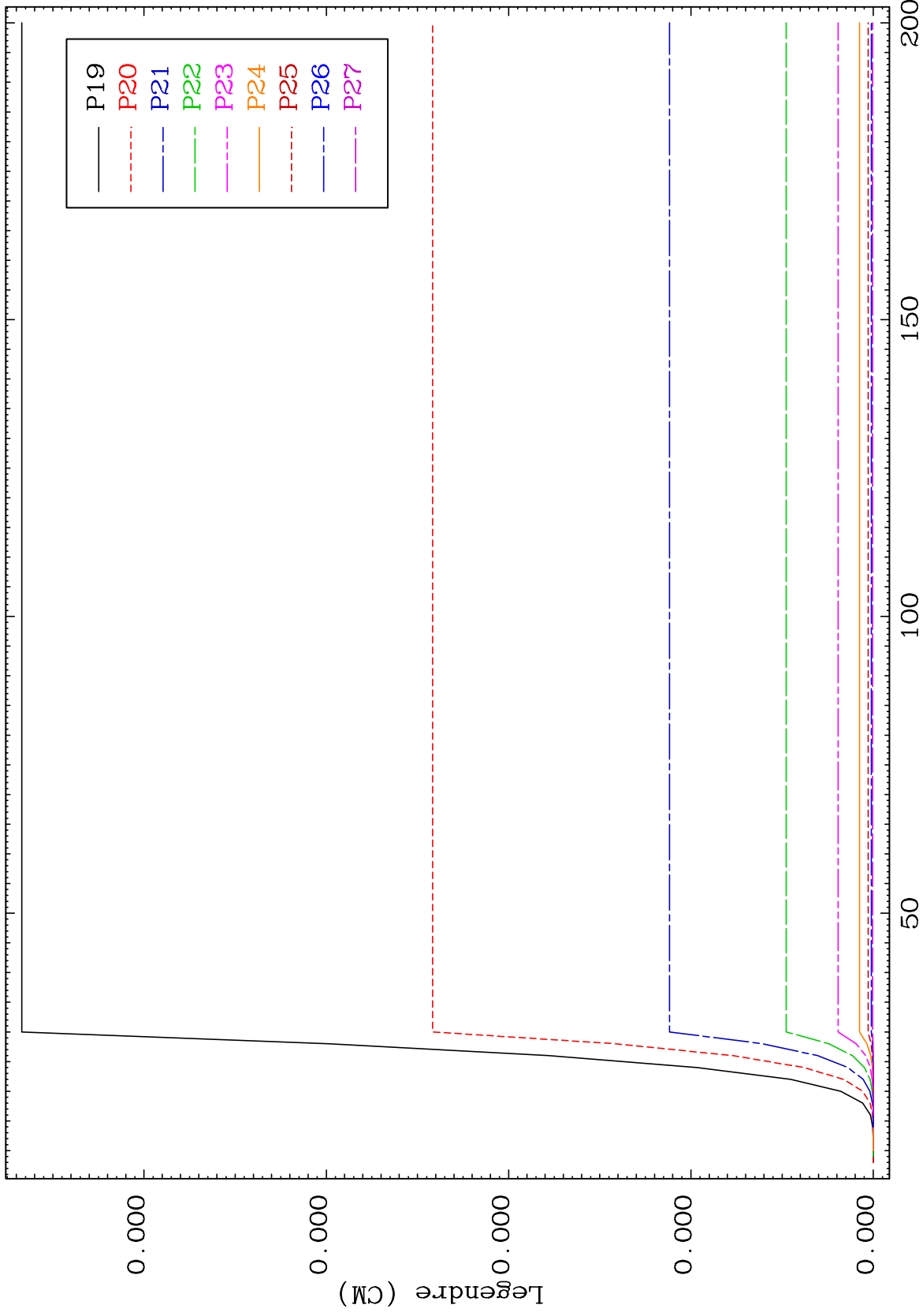
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.211 MeV (n, n') Level
Legendre Coefficients

47-Ag-103



58

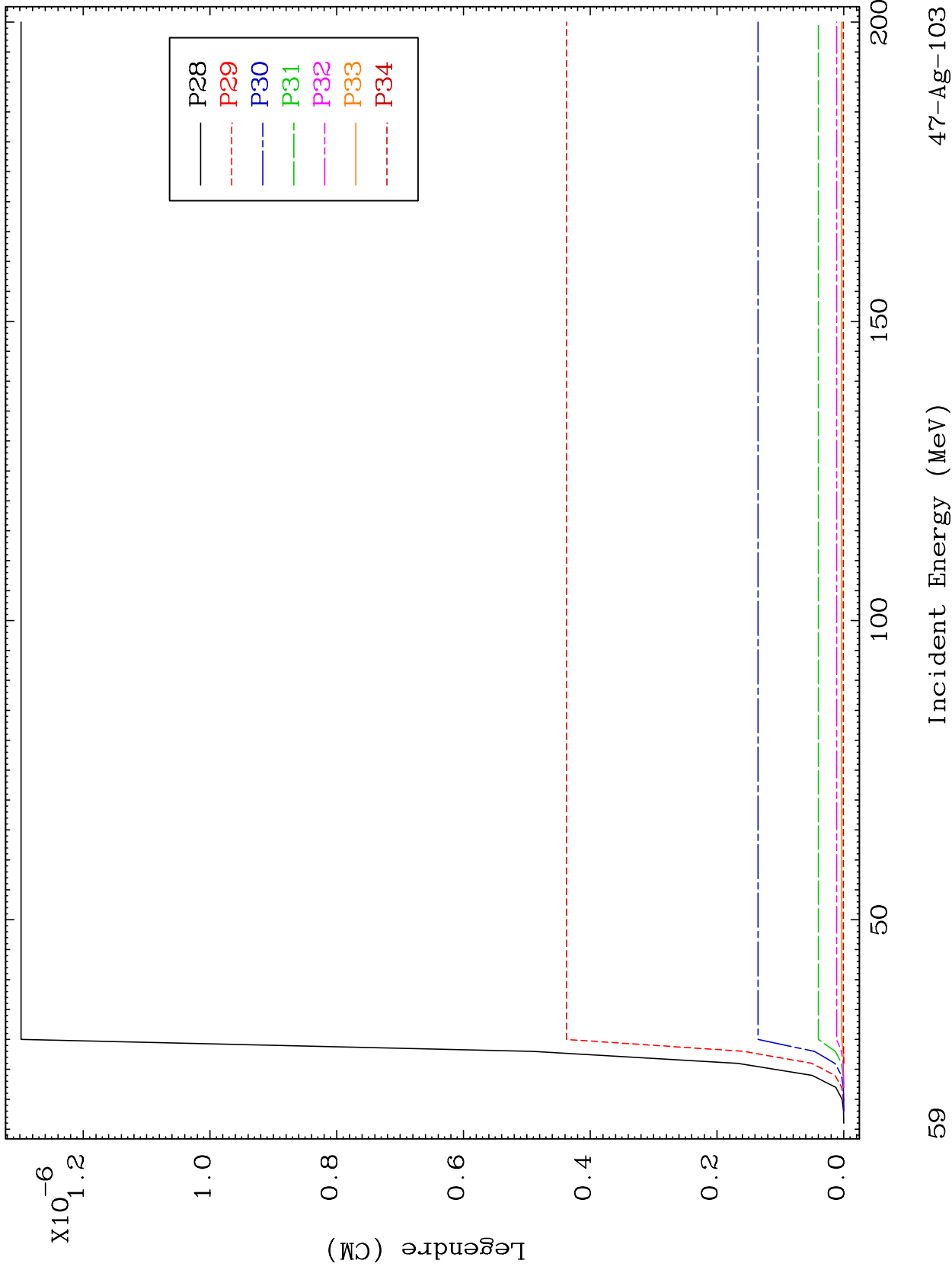
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.211 MeV (n, n') Level
Legendre Coefficients

47-Ag-103



59

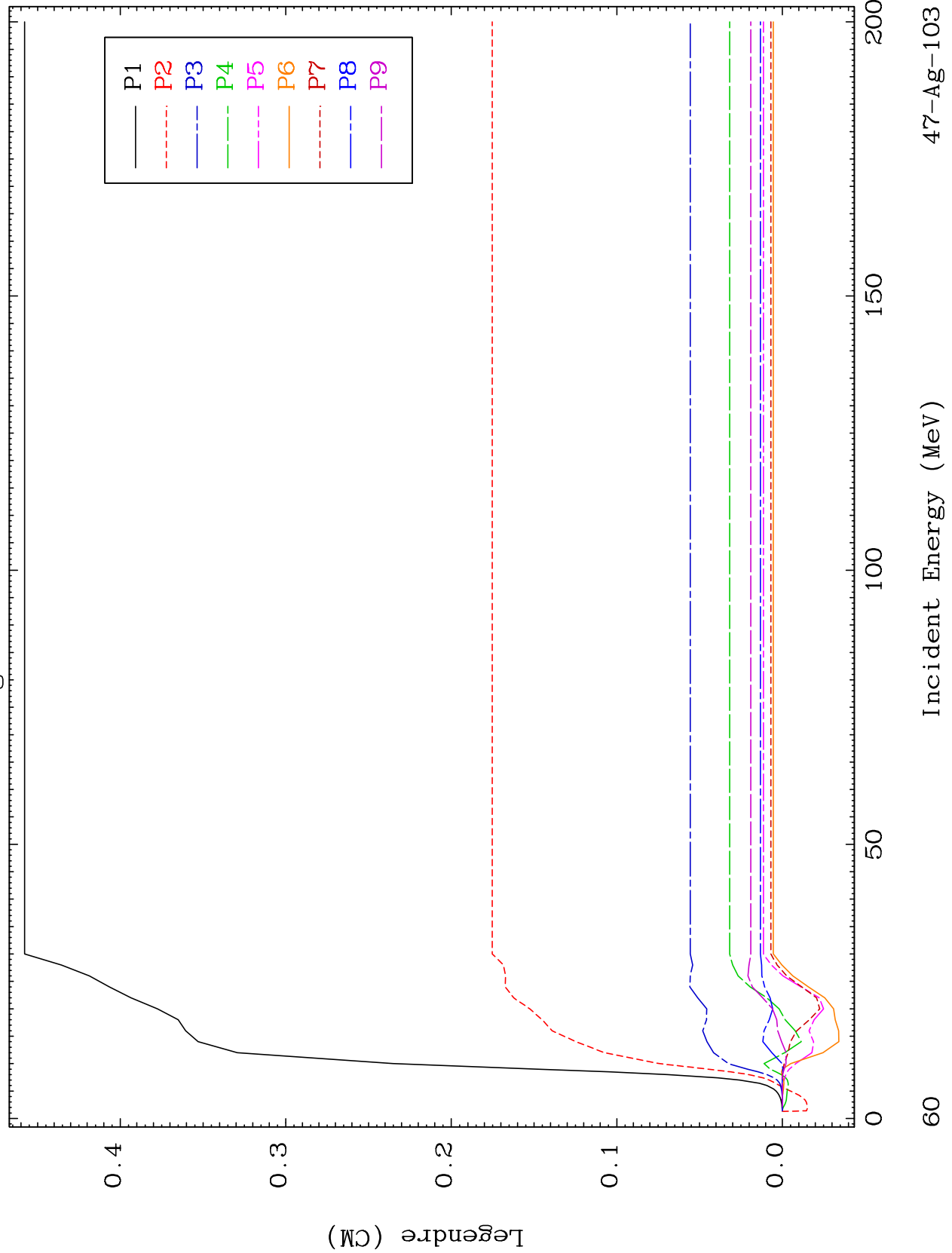
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.258 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



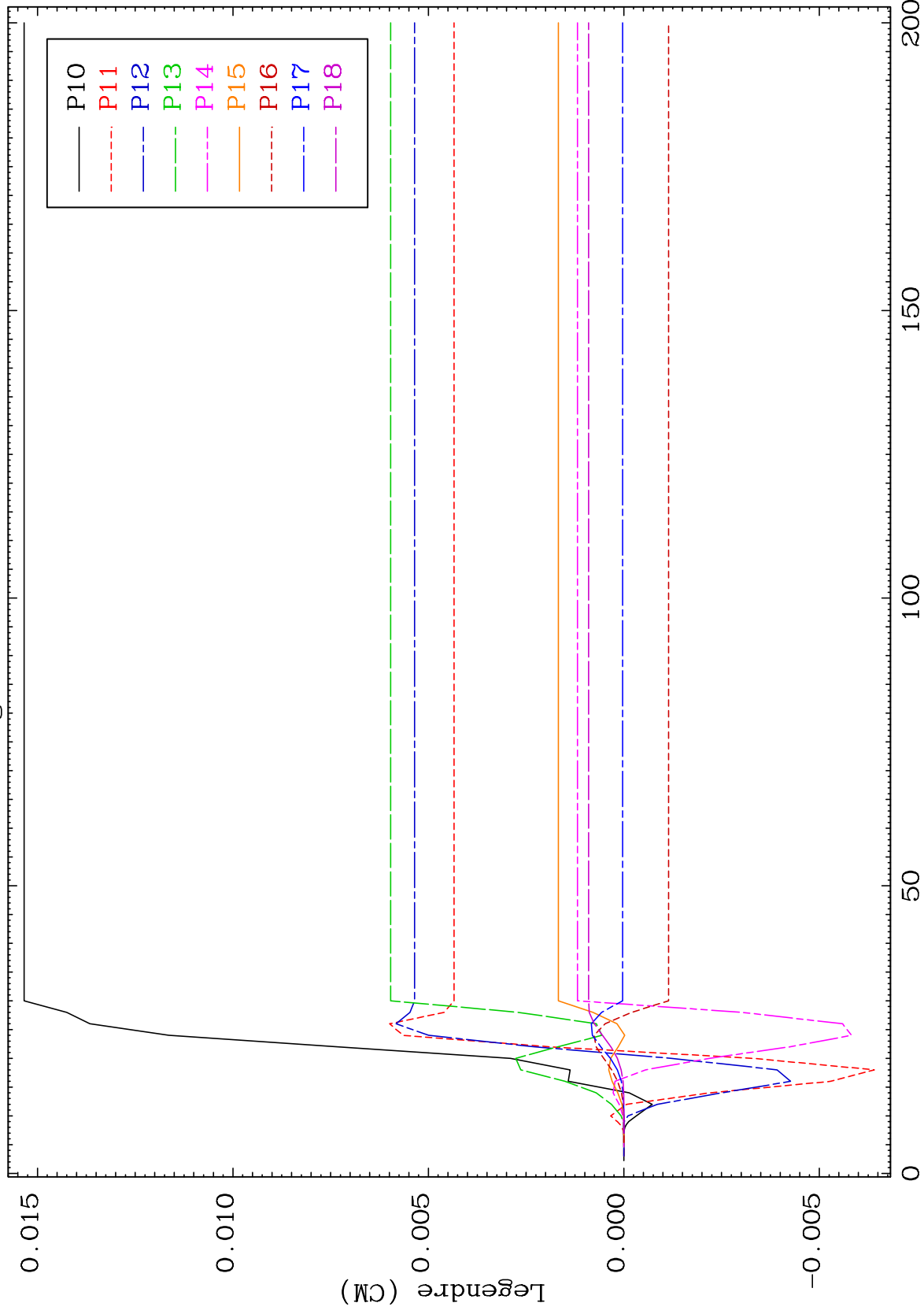
47-Ag-103

Incident Energy (MeV)

MAT 4713

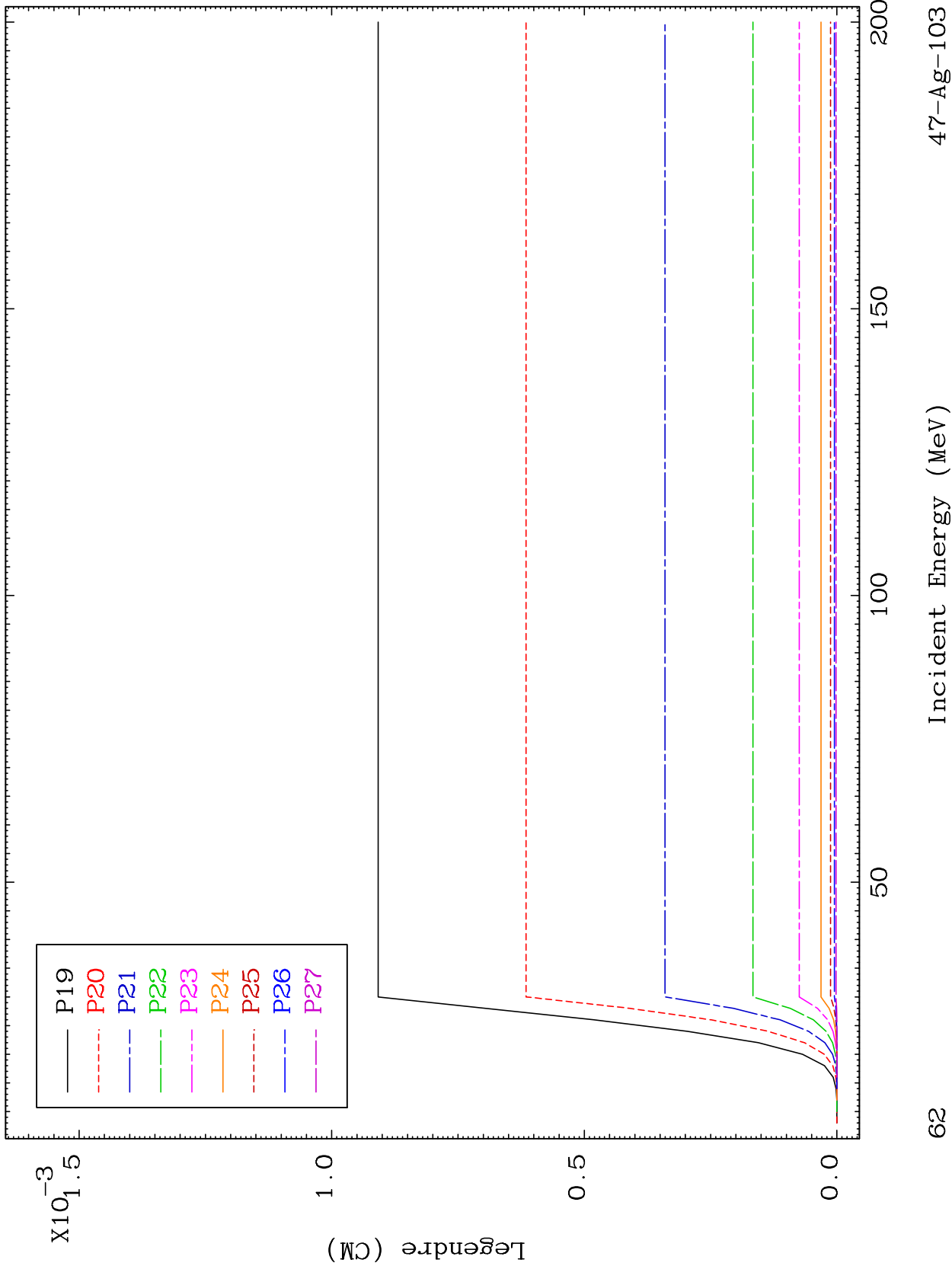
1.258 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



61

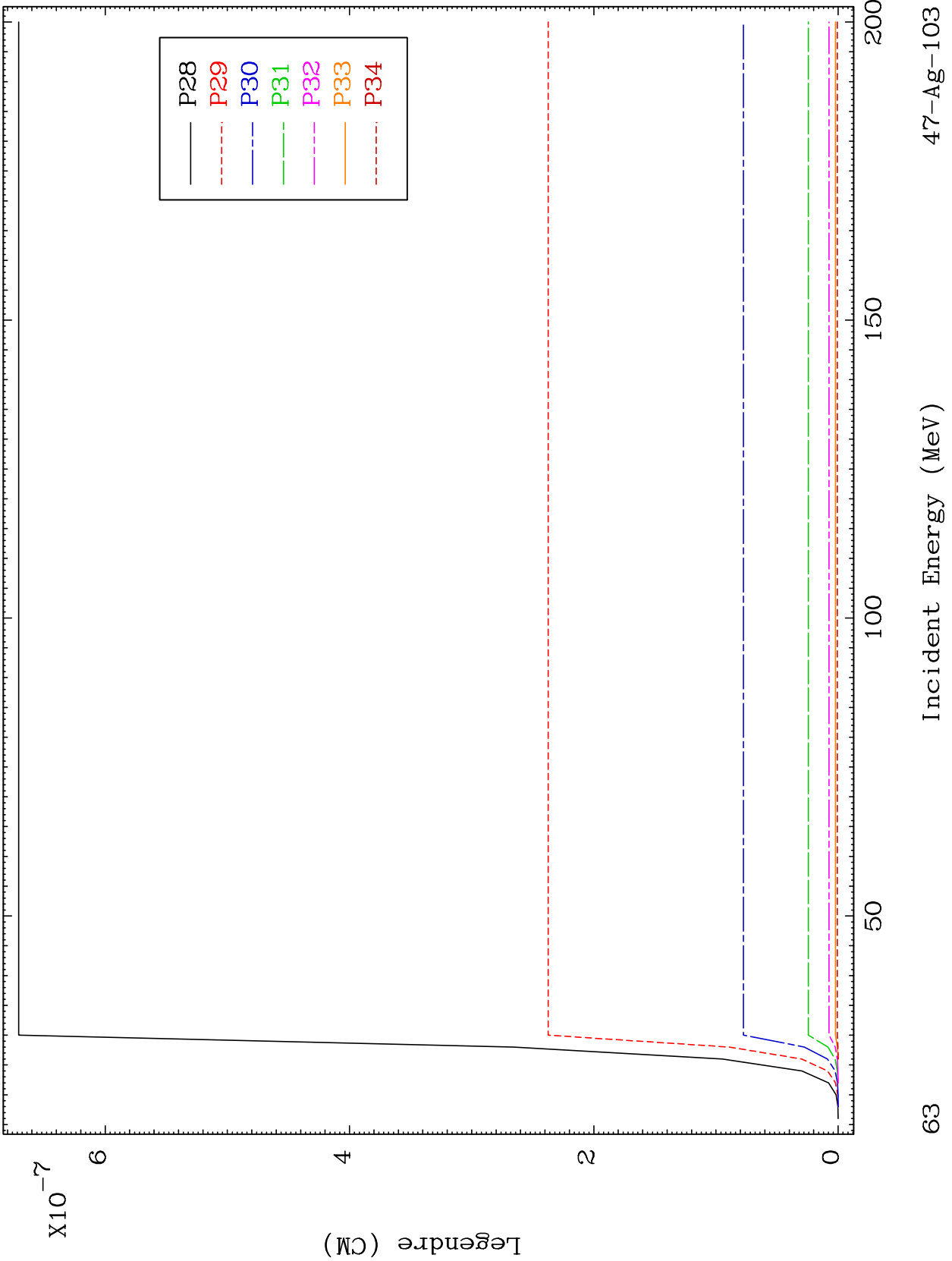
47-Ag-103



MAT 4713

1.258 MeV (n,n') Level
Legendre Coefficients

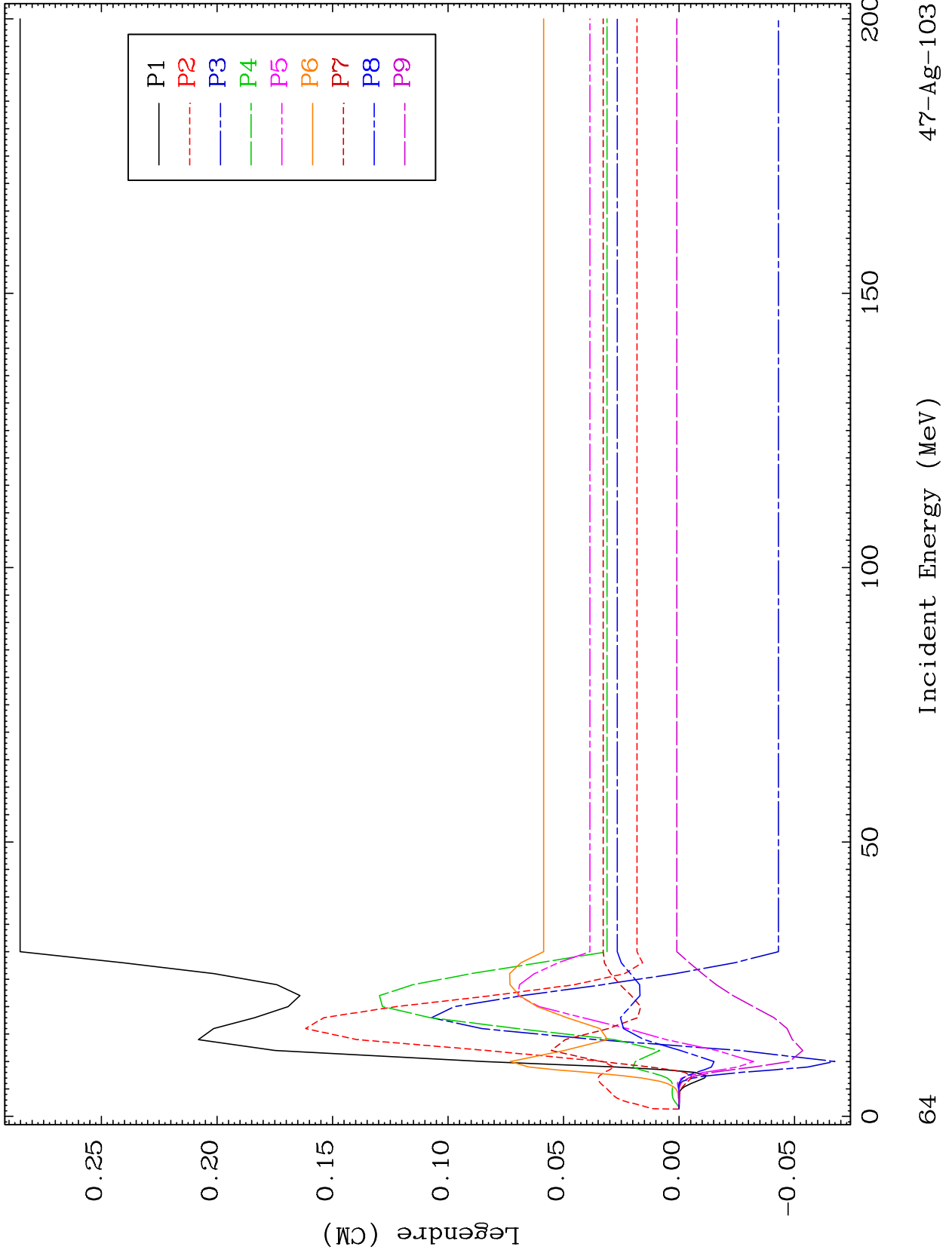
47-Ag-103



MAT 4713

1.312 MeV (n,n') Level
Legendre Coefficients

47-Ag-103

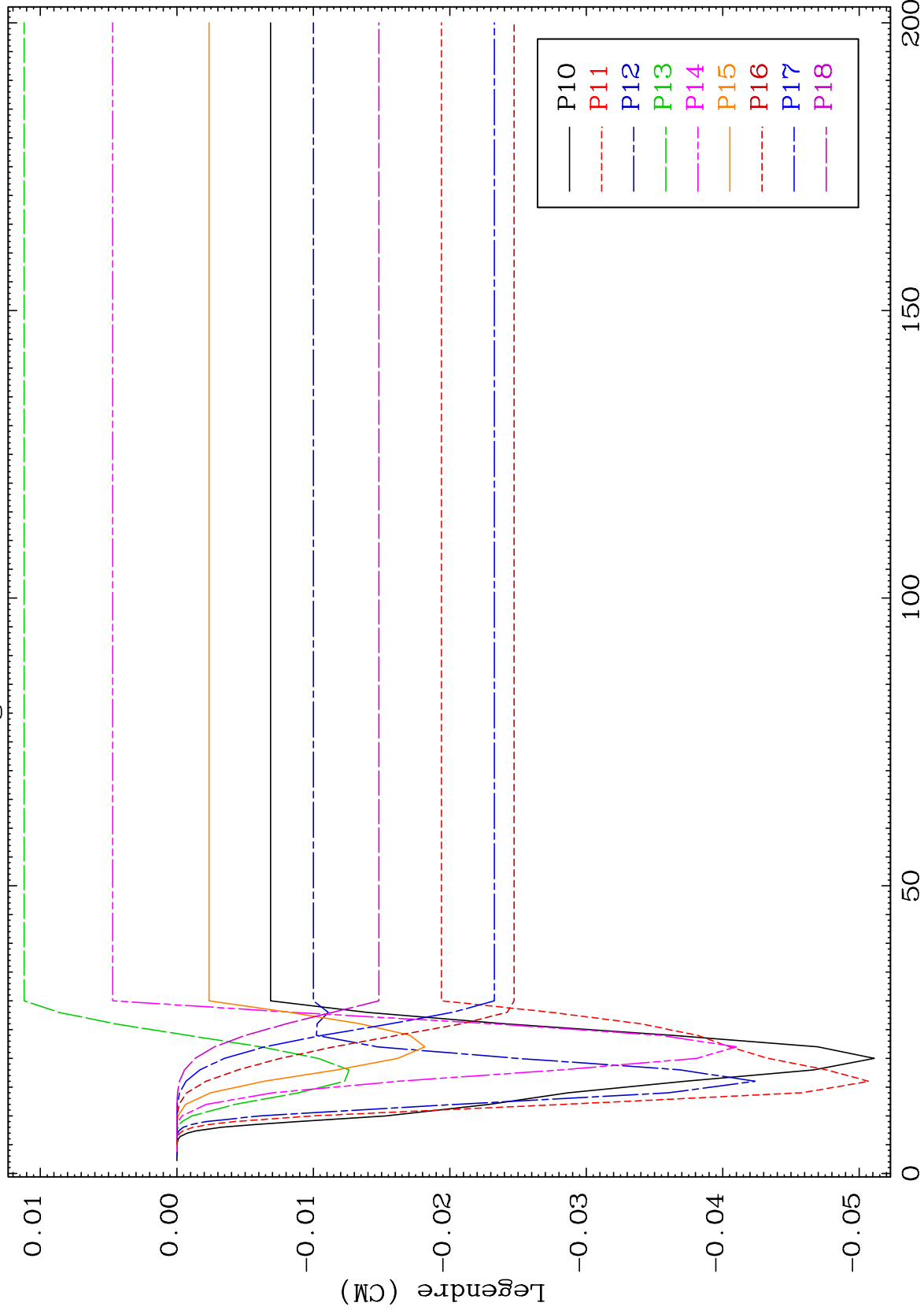


64

MAT 4713

1.312 MeV (n,n') Level
Legendre Coefficients

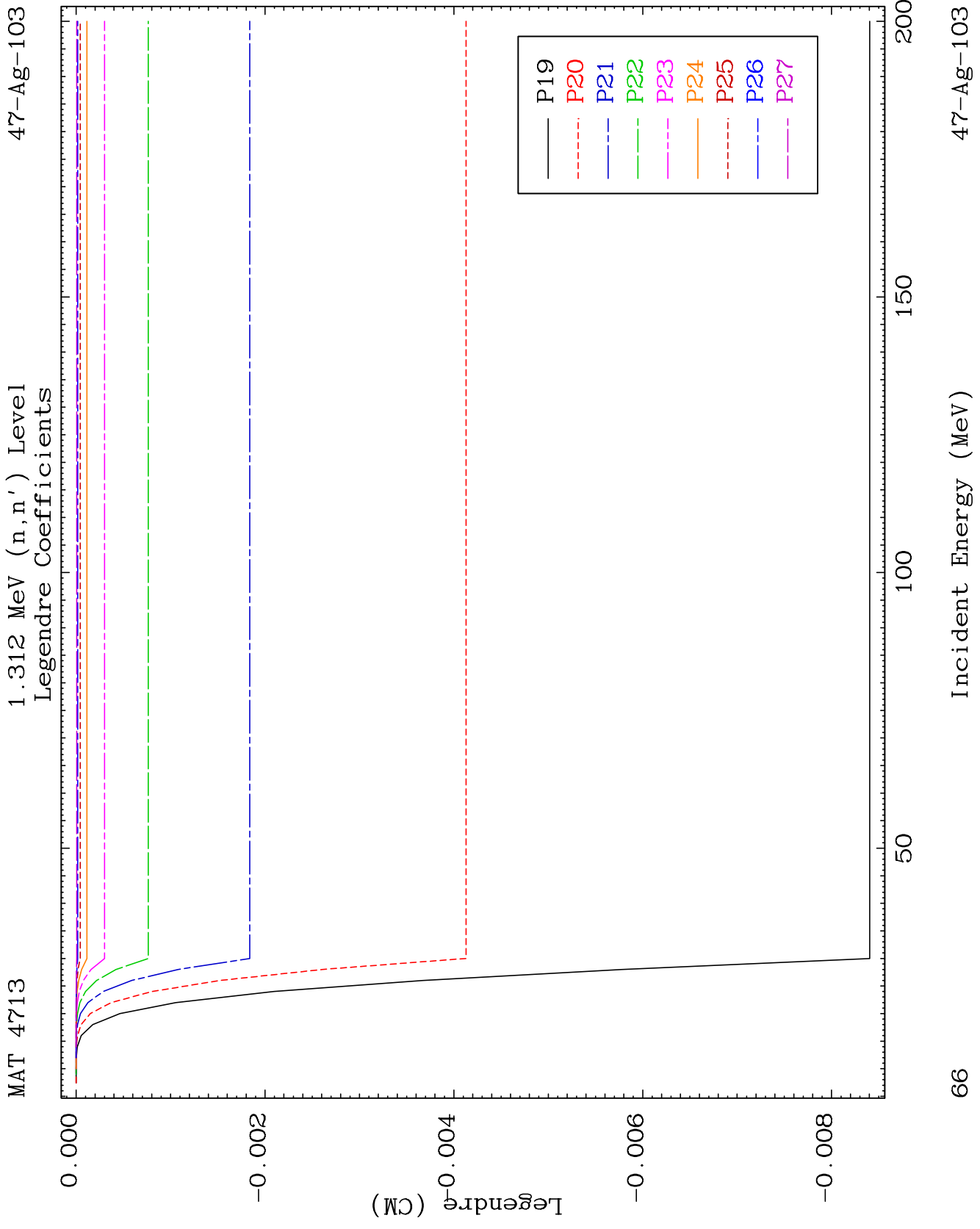
47-Ag-103

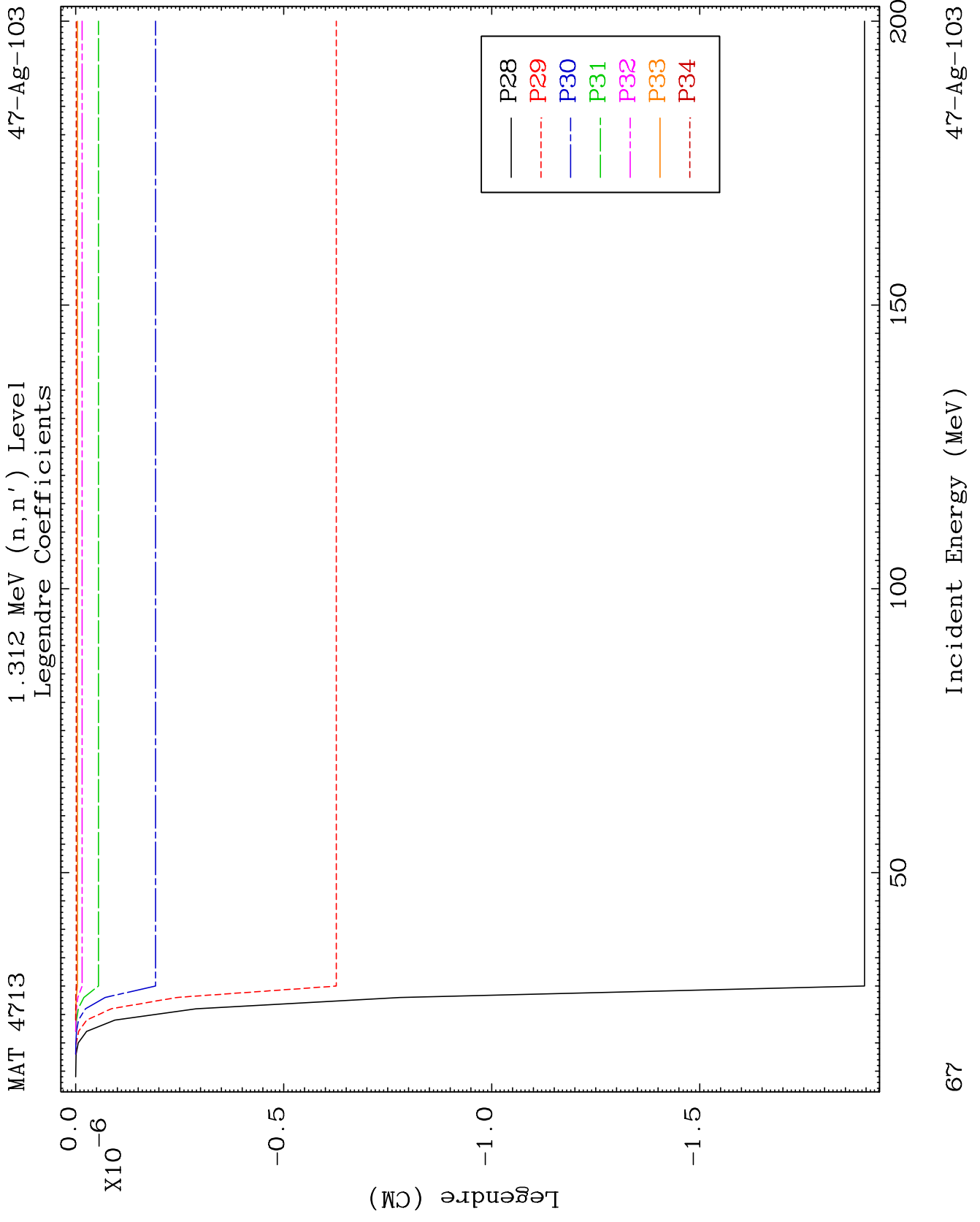


65

Incident Energy (MeV)

47-Ag-103

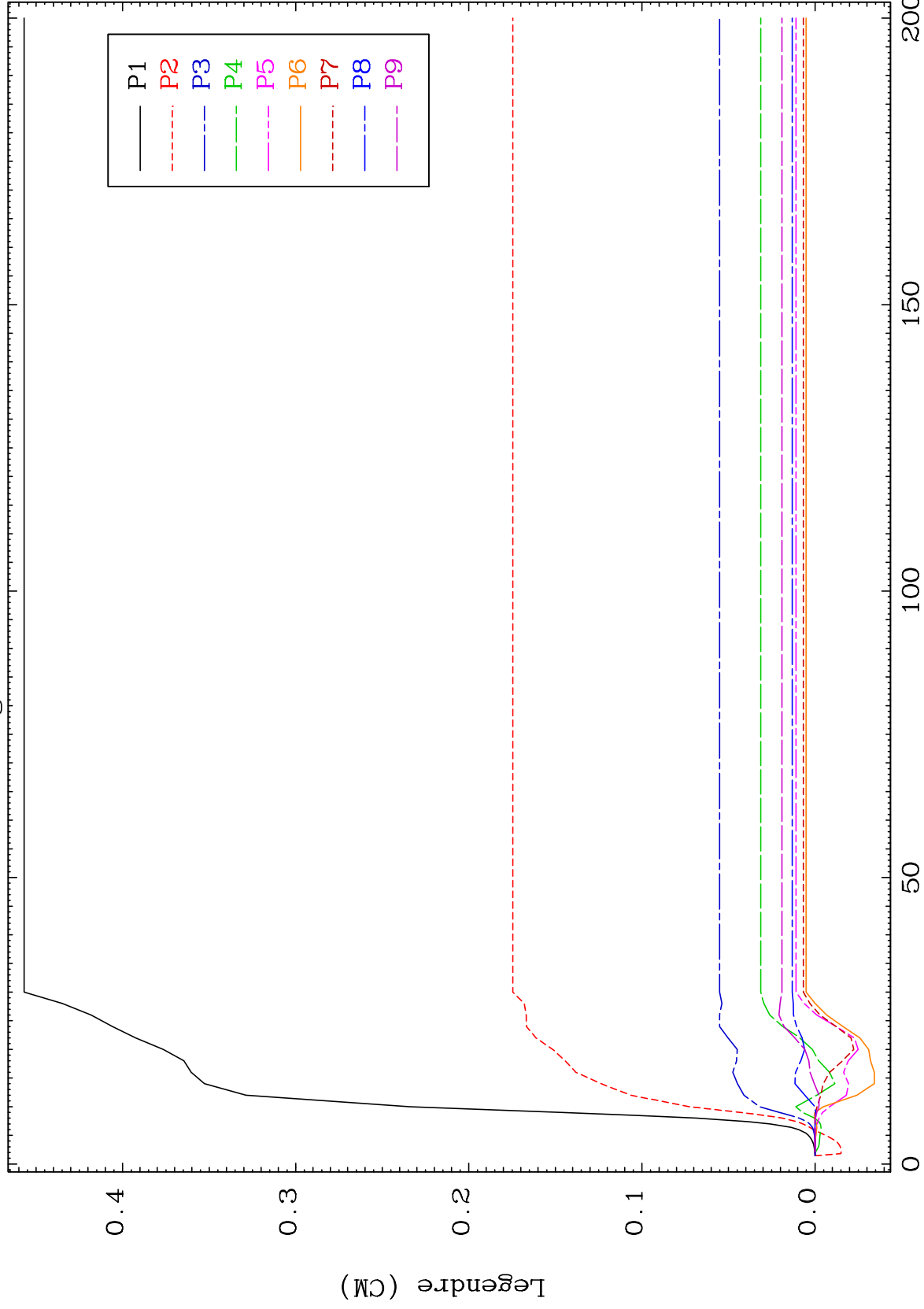




MAT 4713

1.422 MeV (n, n') Level
Legendre Coefficients

47-Ag-103



47-Ag-103

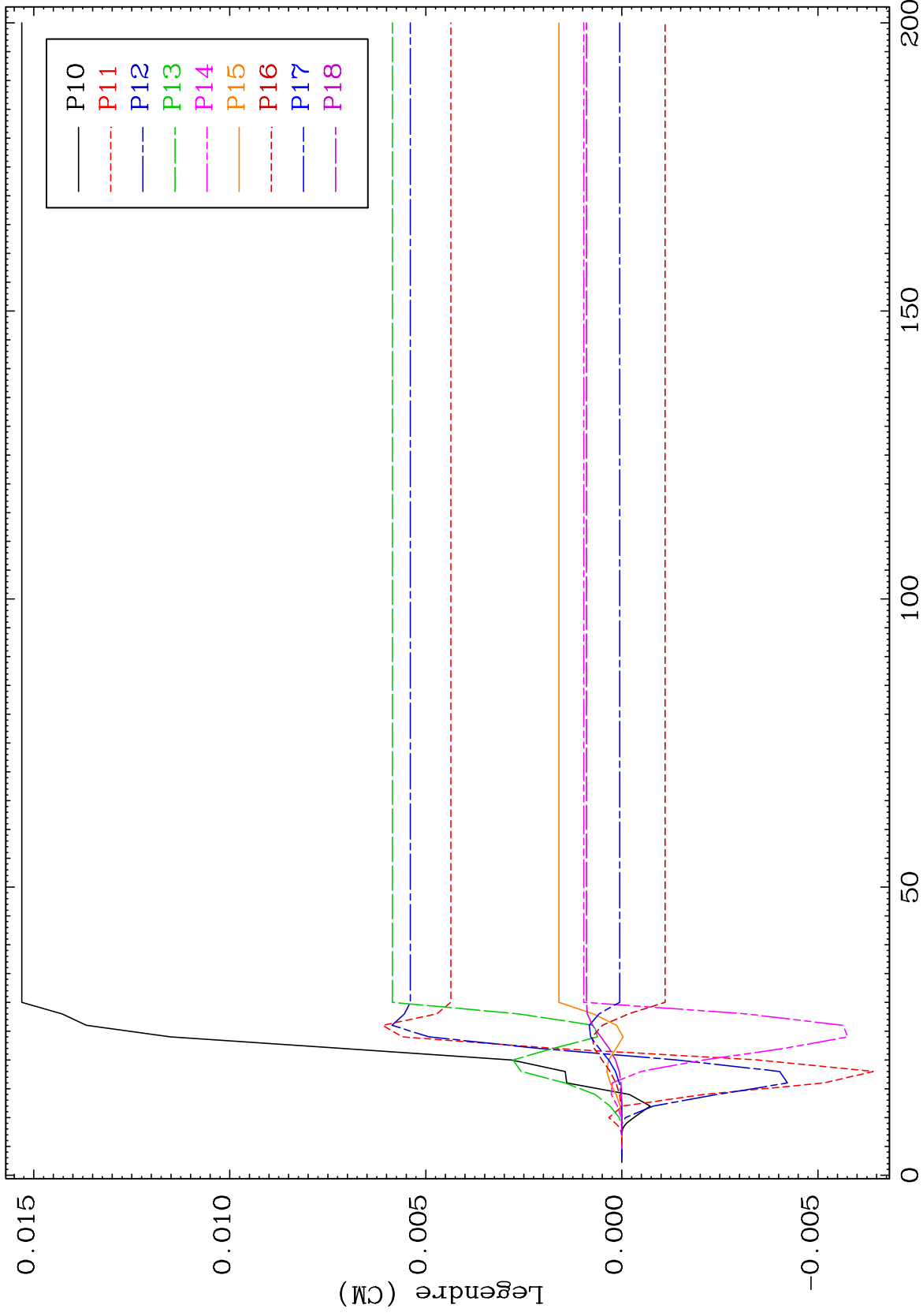
Incident Energy (MeV)

68

MAT 4713

1.422 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



69

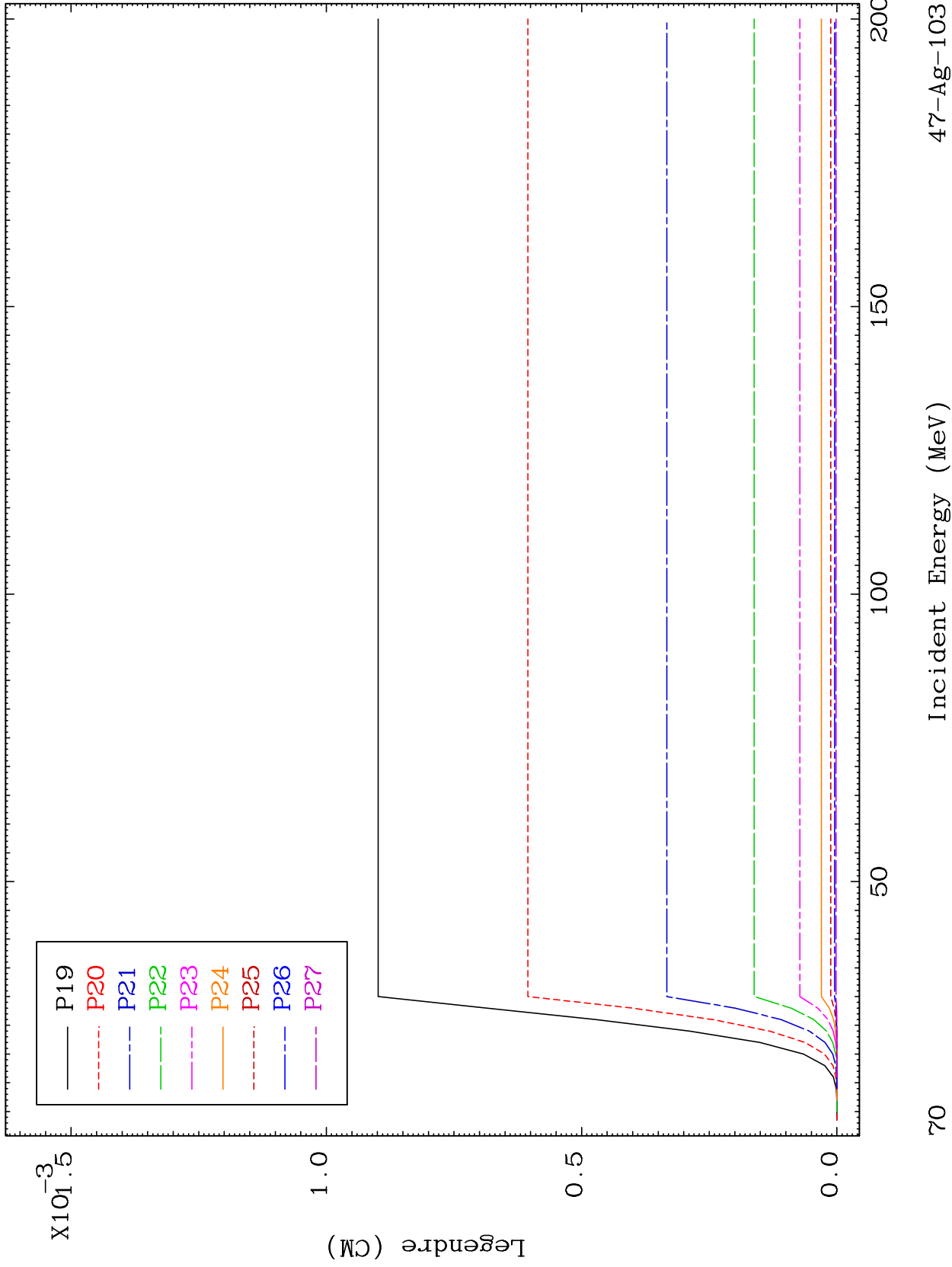
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.422 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



70

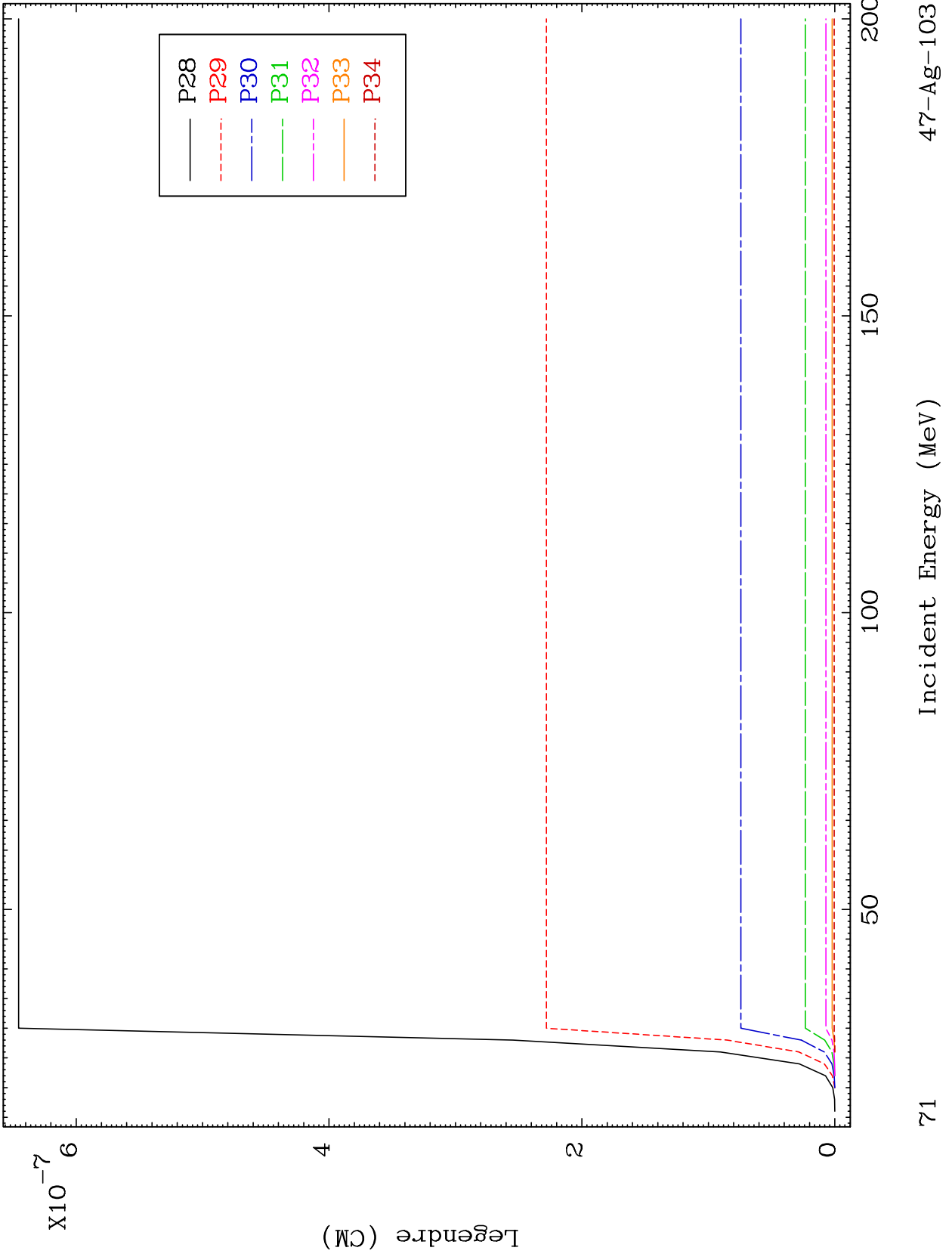
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.422 MeV (n,n') Level
Legendre Coefficients

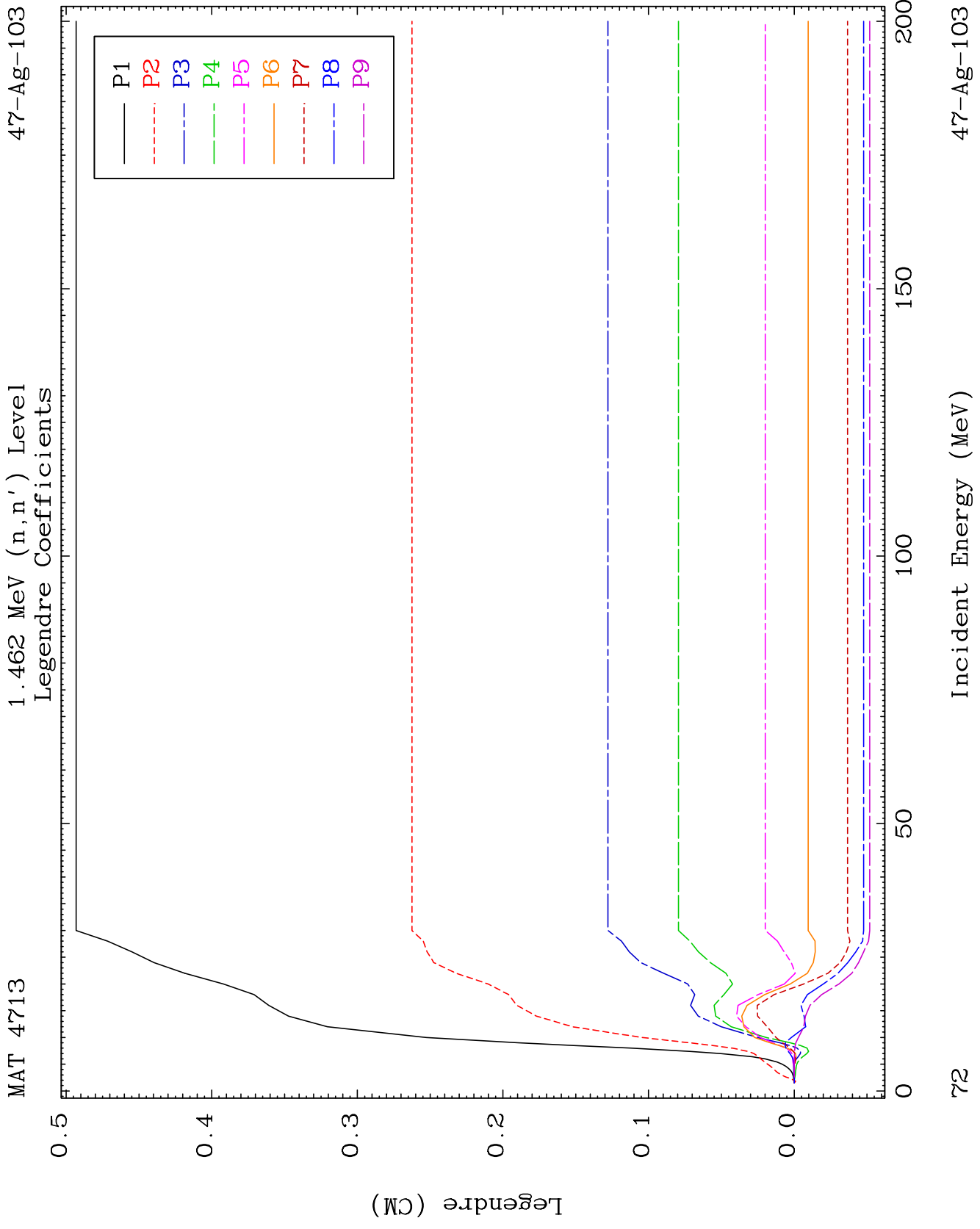
47-Ag-103



71

Incident Energy (MeV)

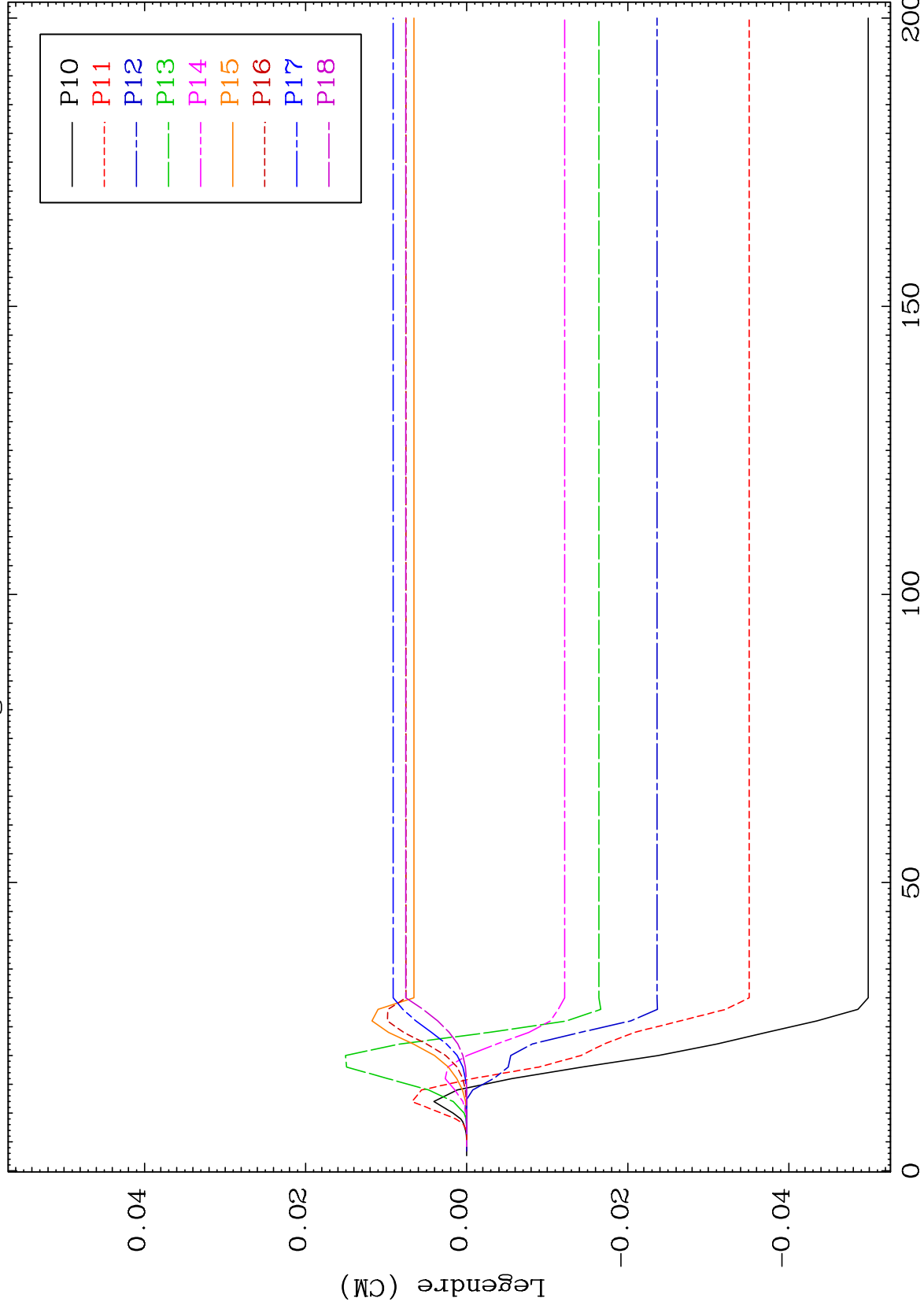
47-Ag-103



MAT 4713

1.462 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



73

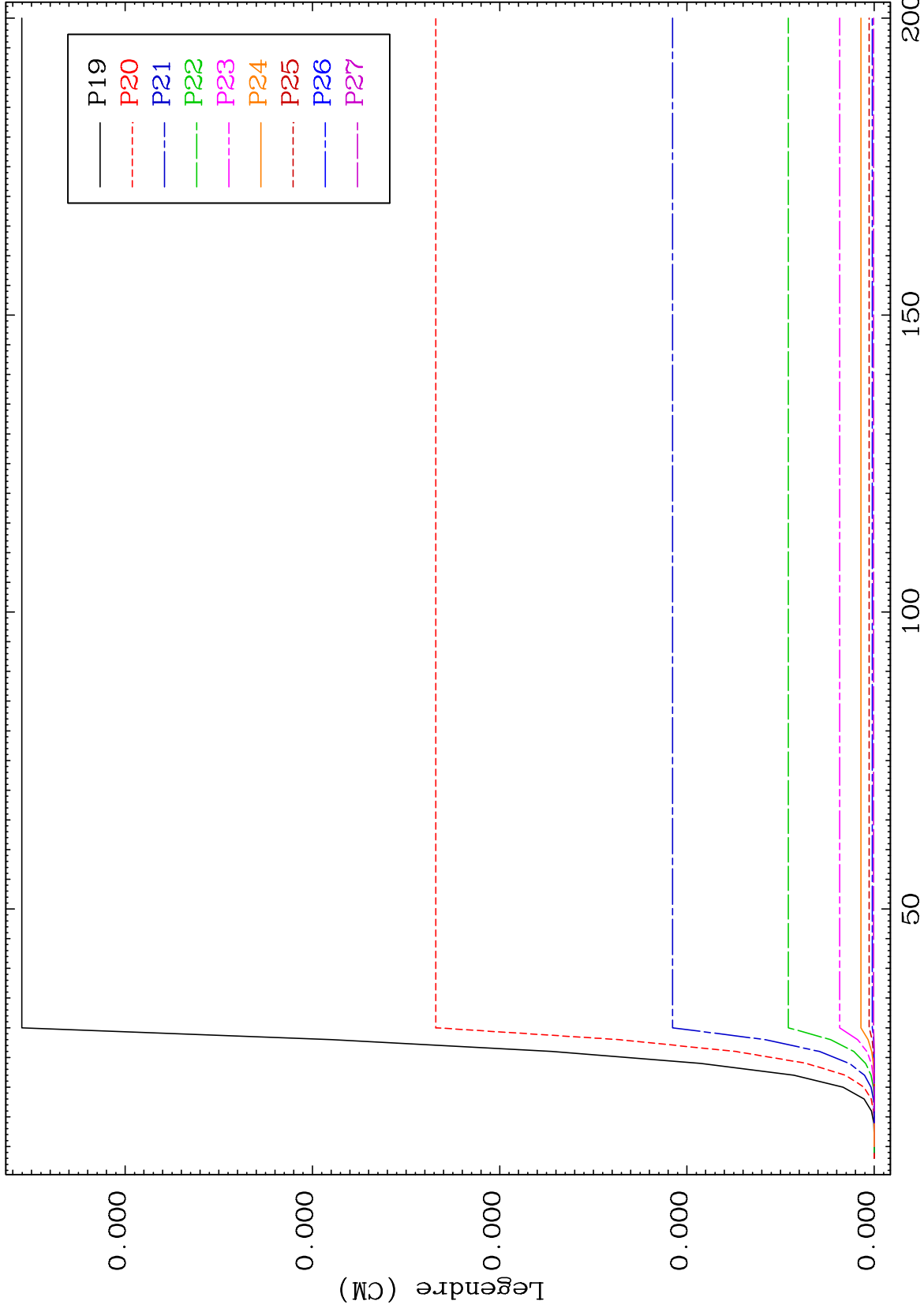
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.462 MeV (n, n') Level
Legendre Coefficients

47-Ag-103



74

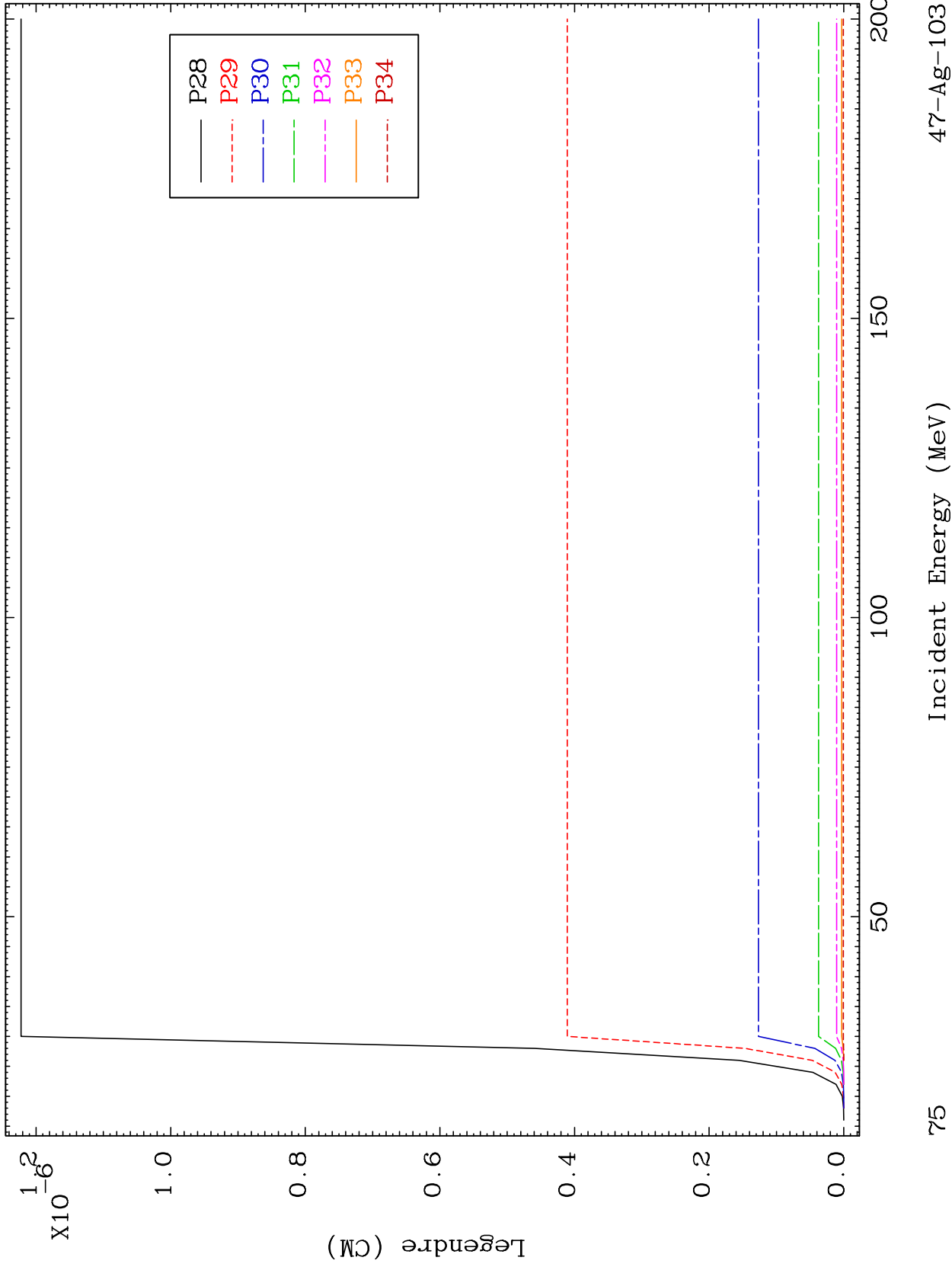
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.462 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



75

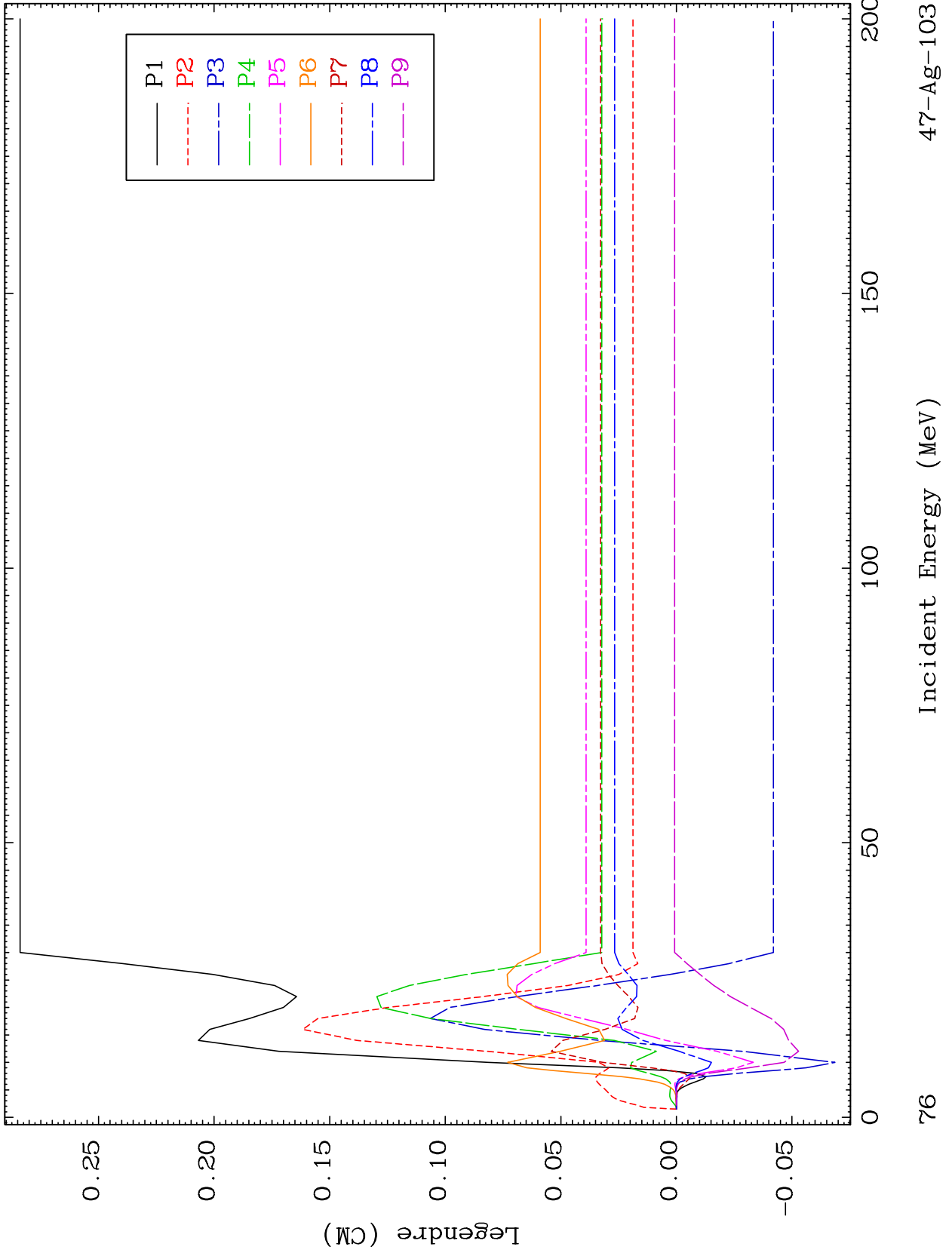
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.476 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



76

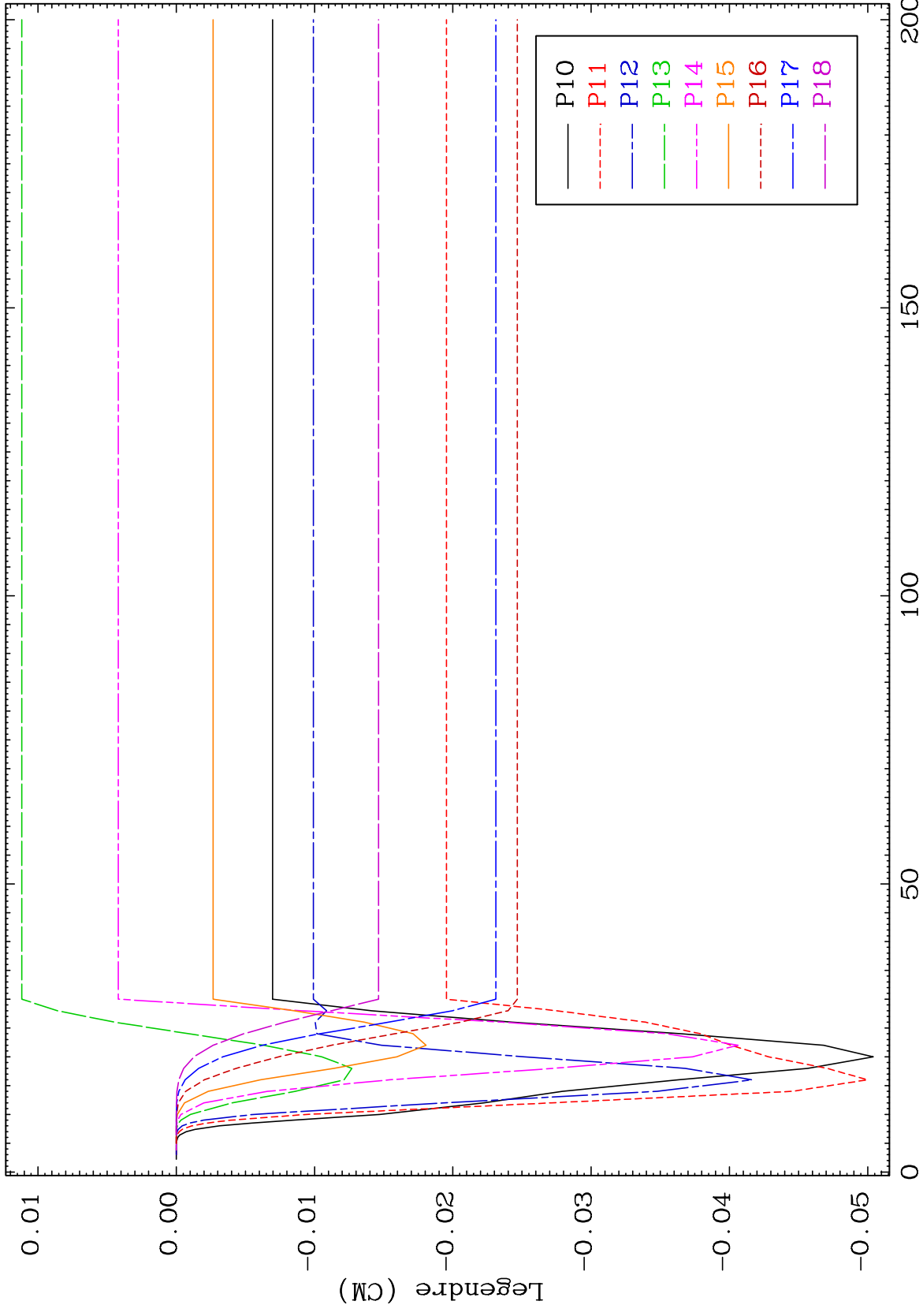
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.476 MeV (n, n') Level
Legendre Coefficients

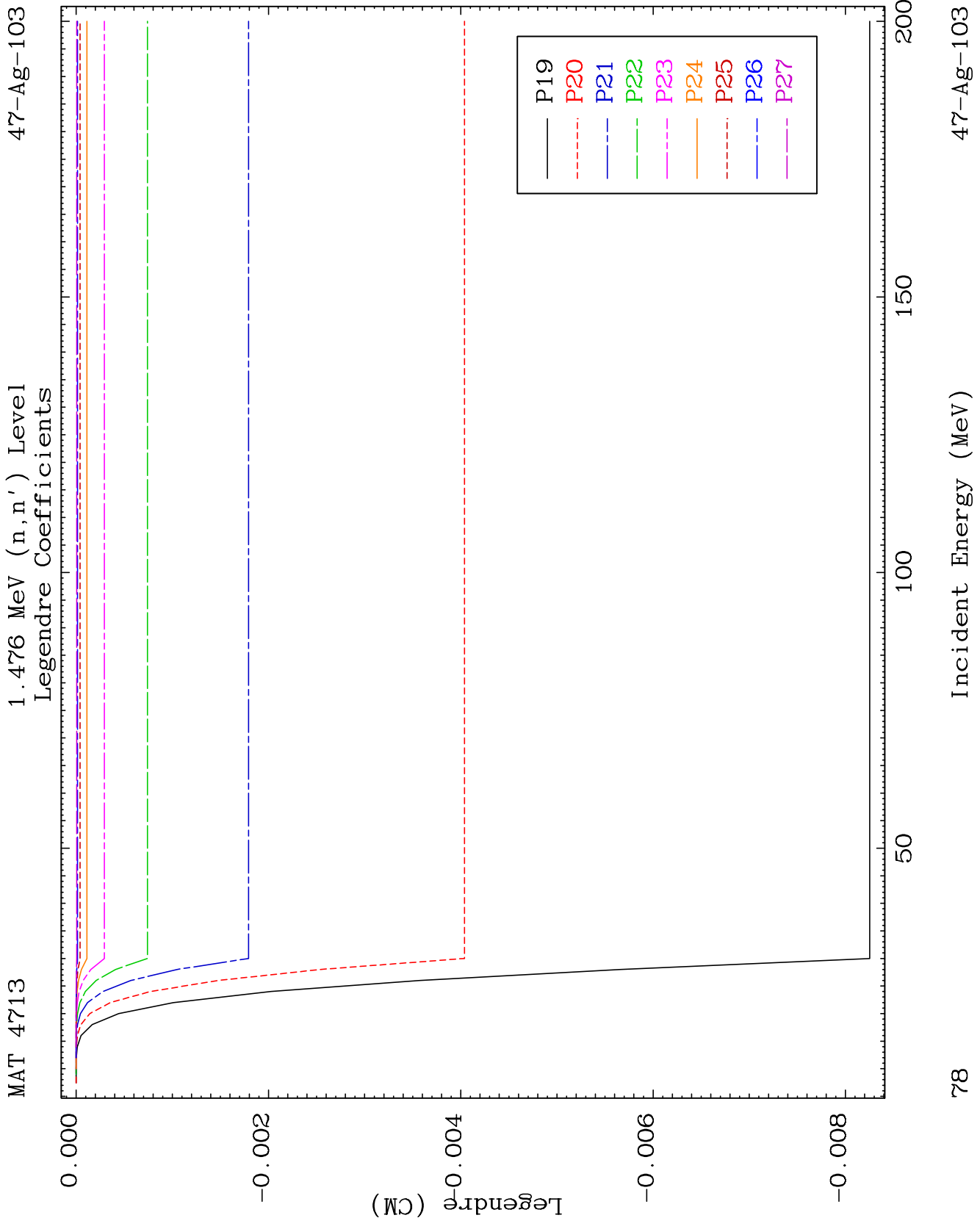
47-Ag-103

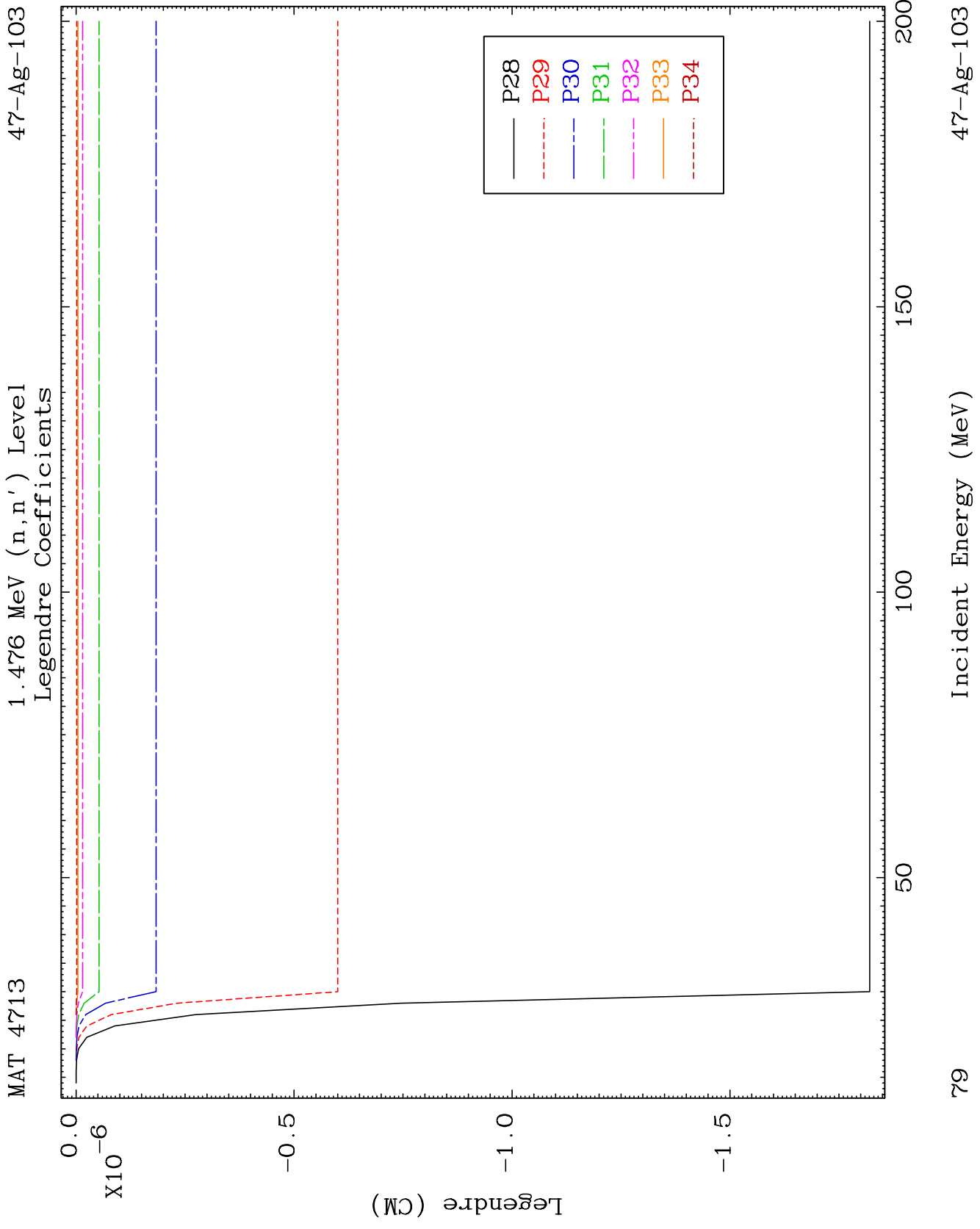


77

Incident Energy (MeV)

47-Ag-103

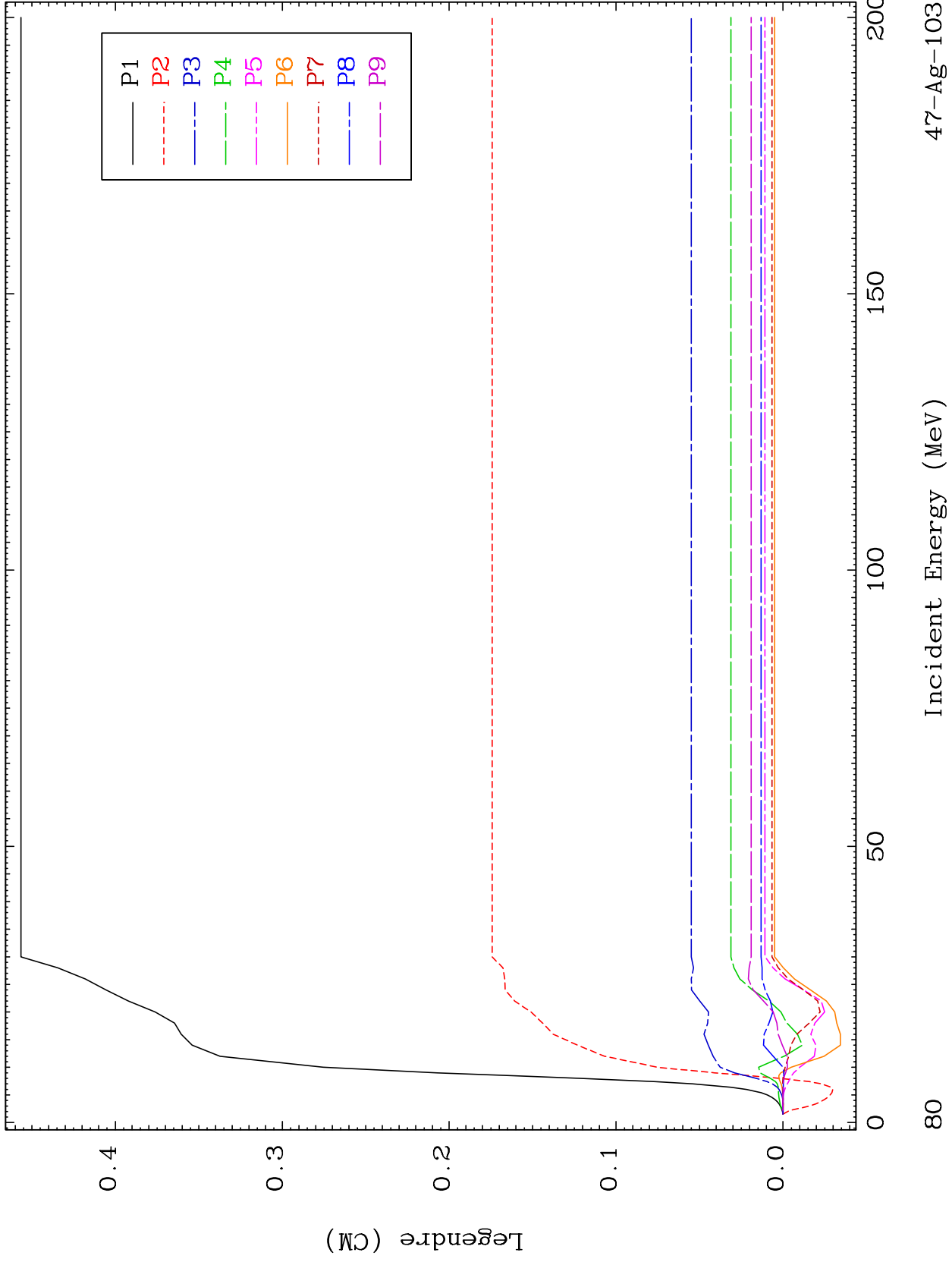




MAT 4713

1.491 MeV (n,n') Level
Legendre Coefficients

47-Ag-103

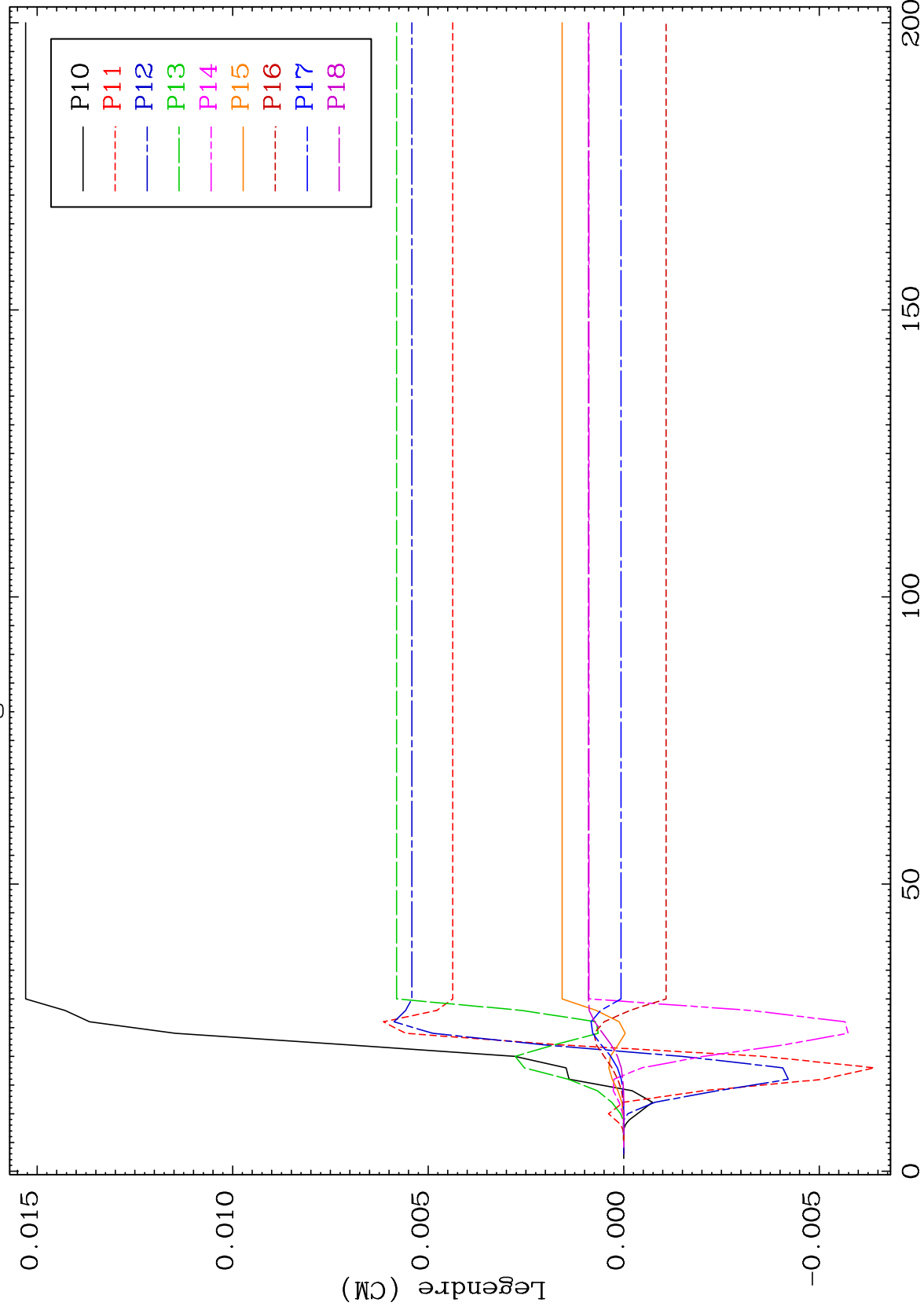


47-Ag-103

MAT 4713

1.491 MeV (n,n') Level
Legendre Coefficients

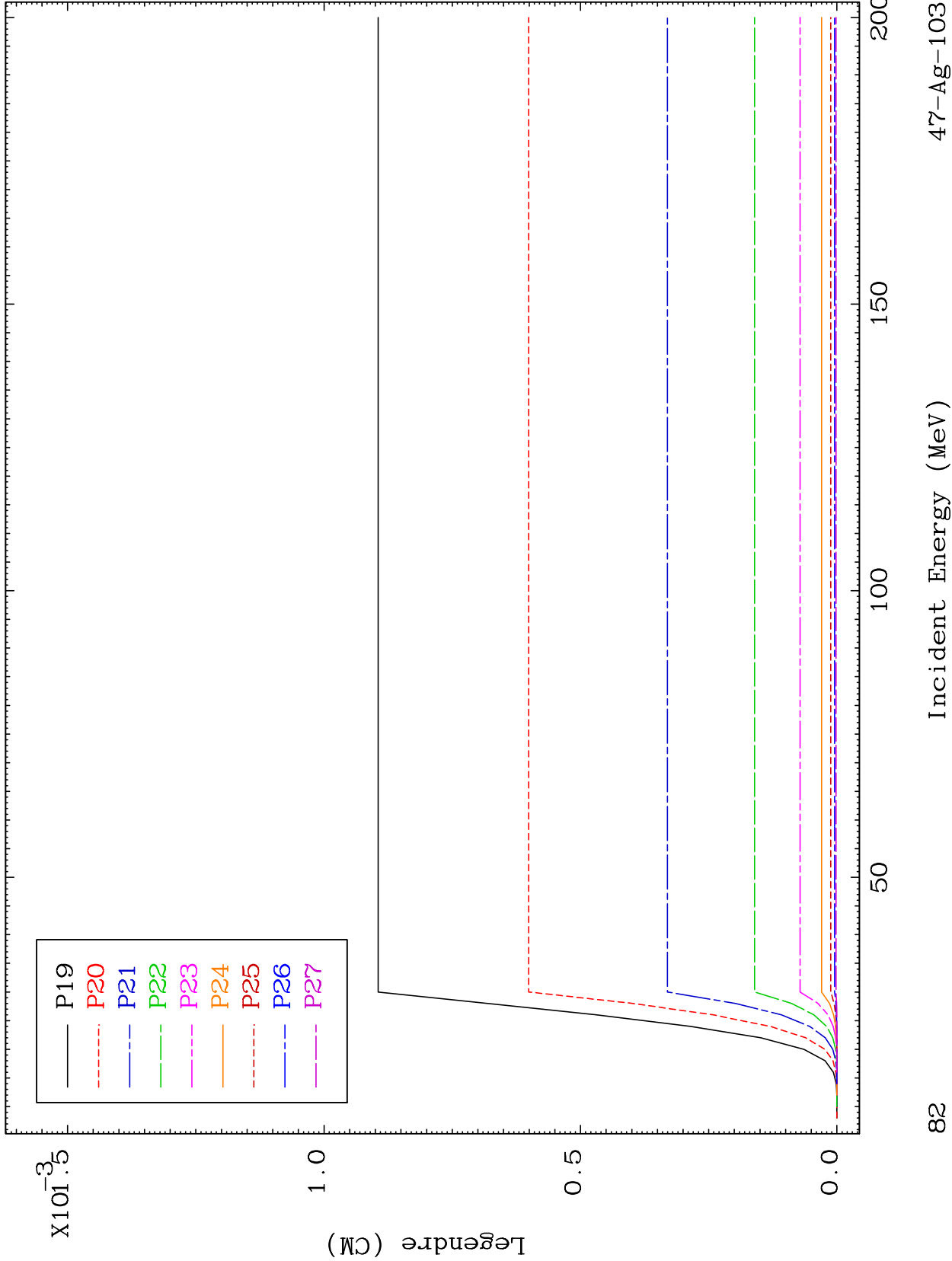
47-Ag-103



81

Incident Energy (MeV)

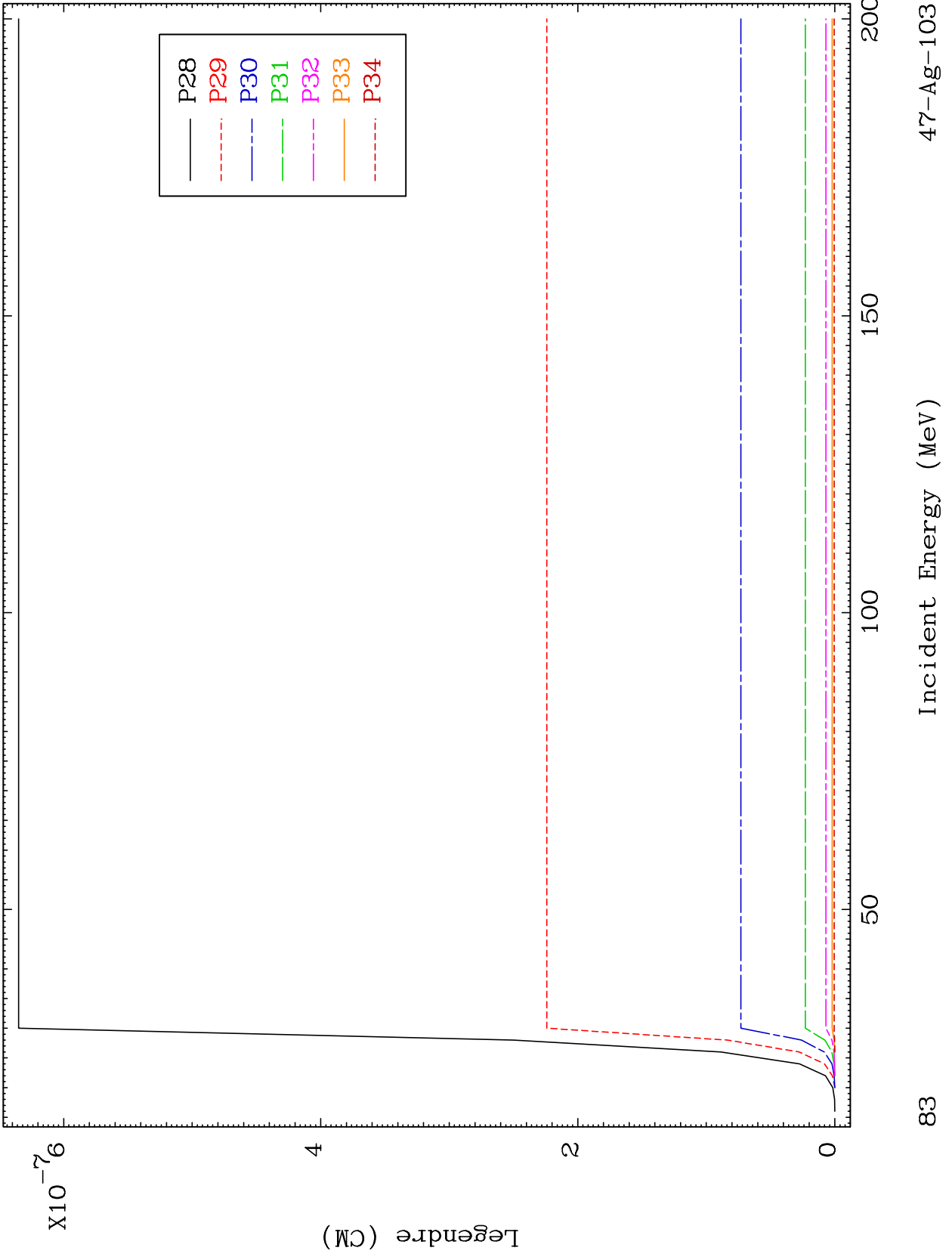
47-Ag-103



MAT 4713

1.491 MeV (n,n') Level
Legendre Coefficients

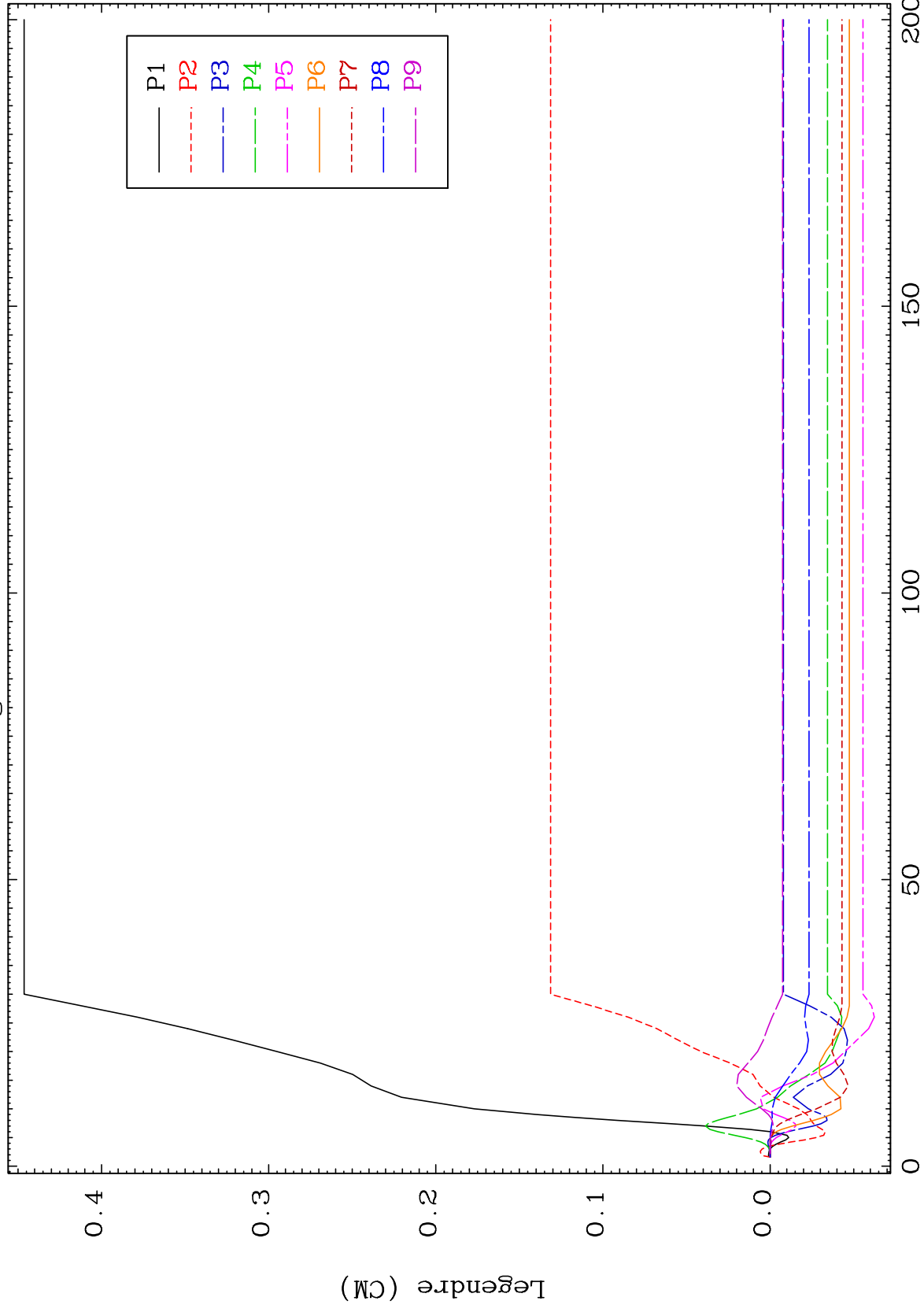
47-Ag-103



MAT 4713

1.552 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



84

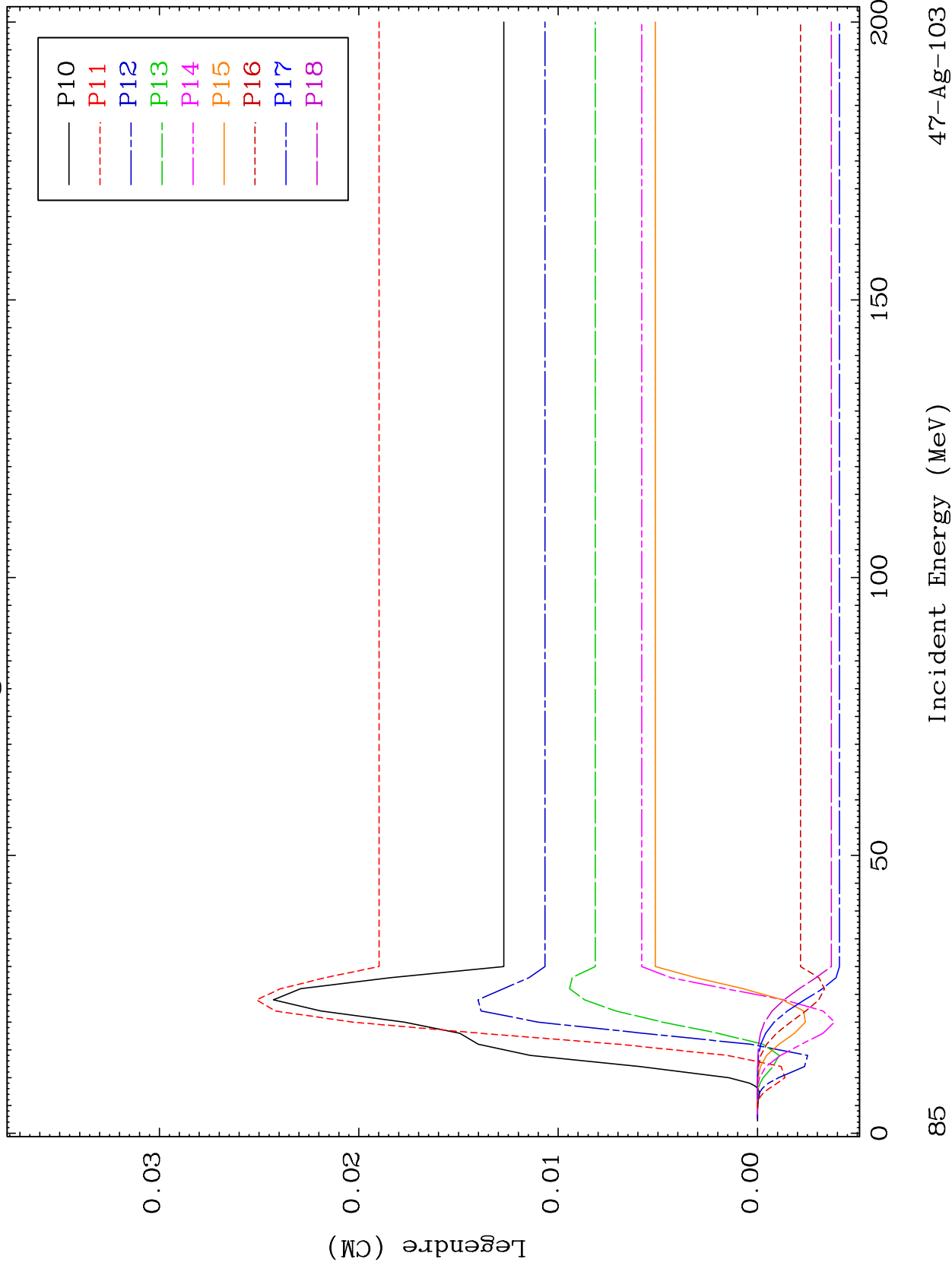
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.552 MeV (n,n') Level
Legendre Coefficients

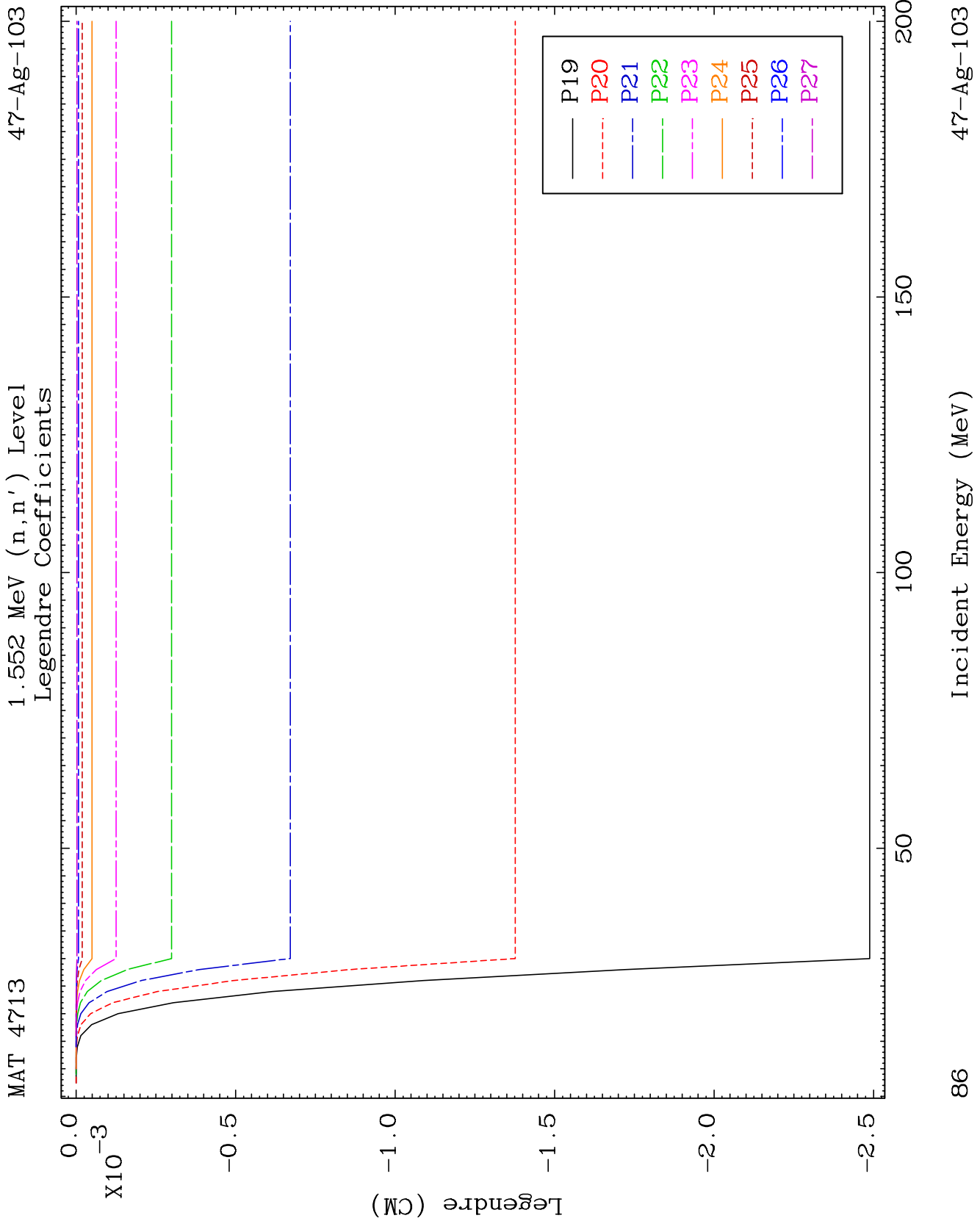
47-Ag-103

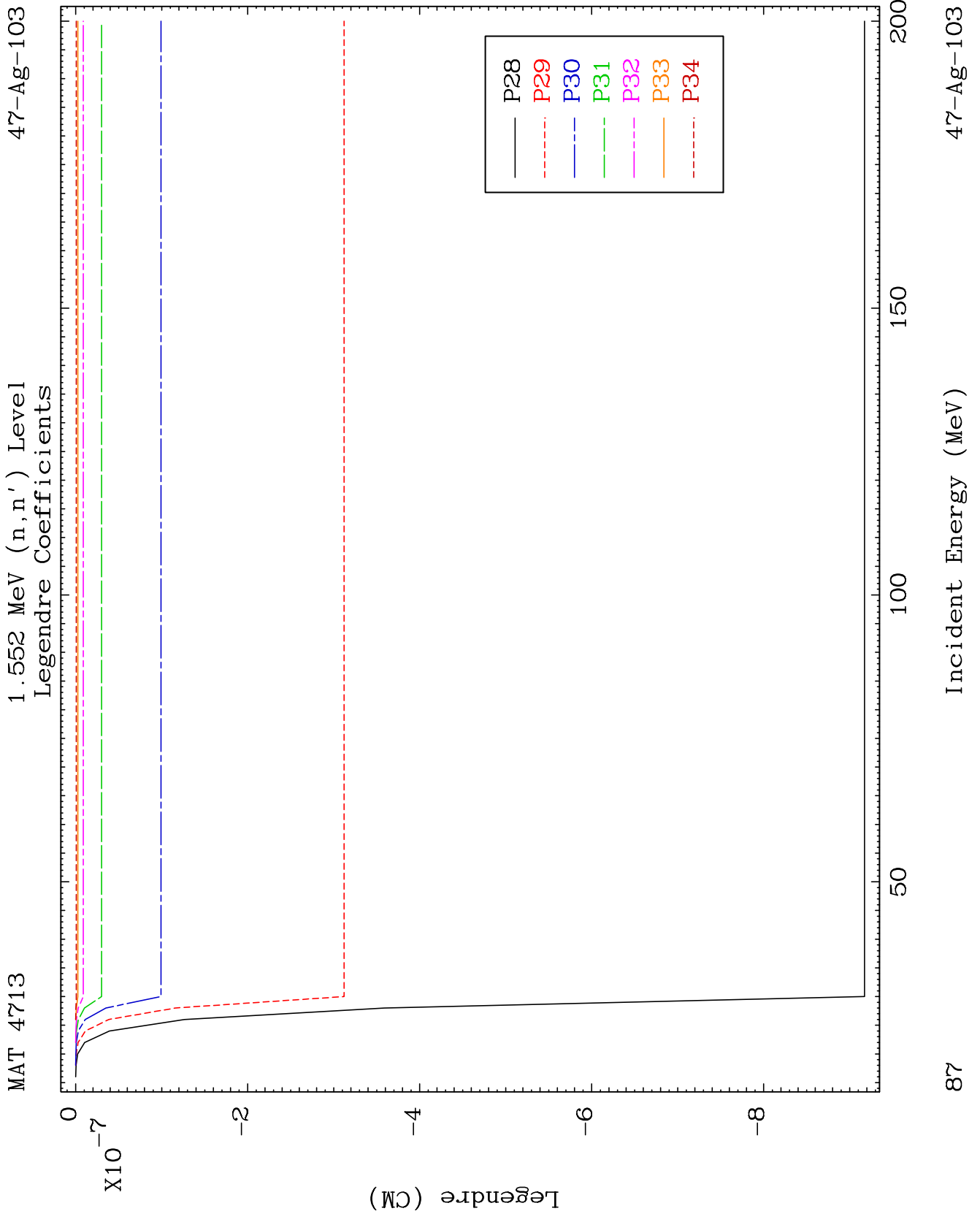


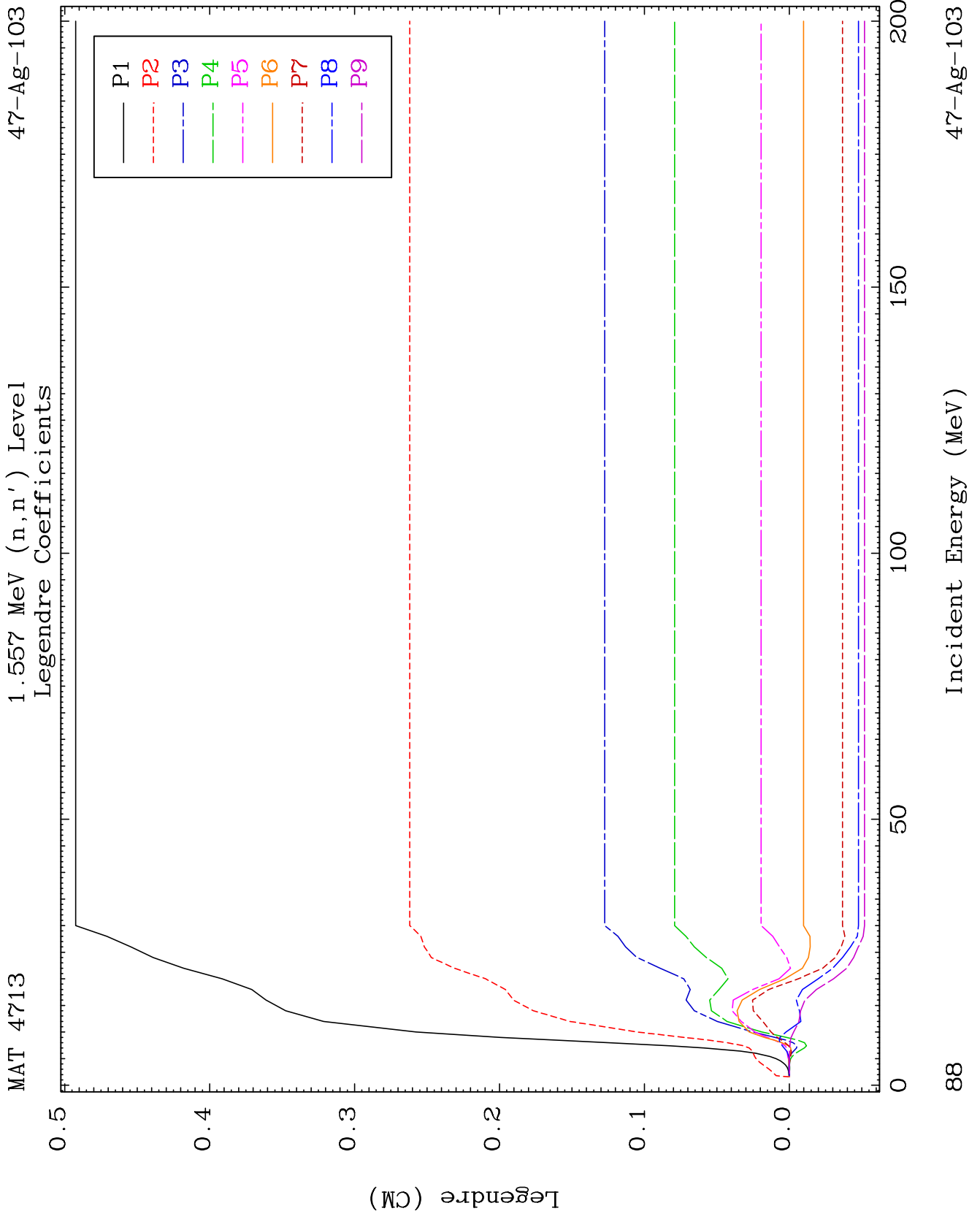
47-Ag-103

Incident Energy (MeV)

85



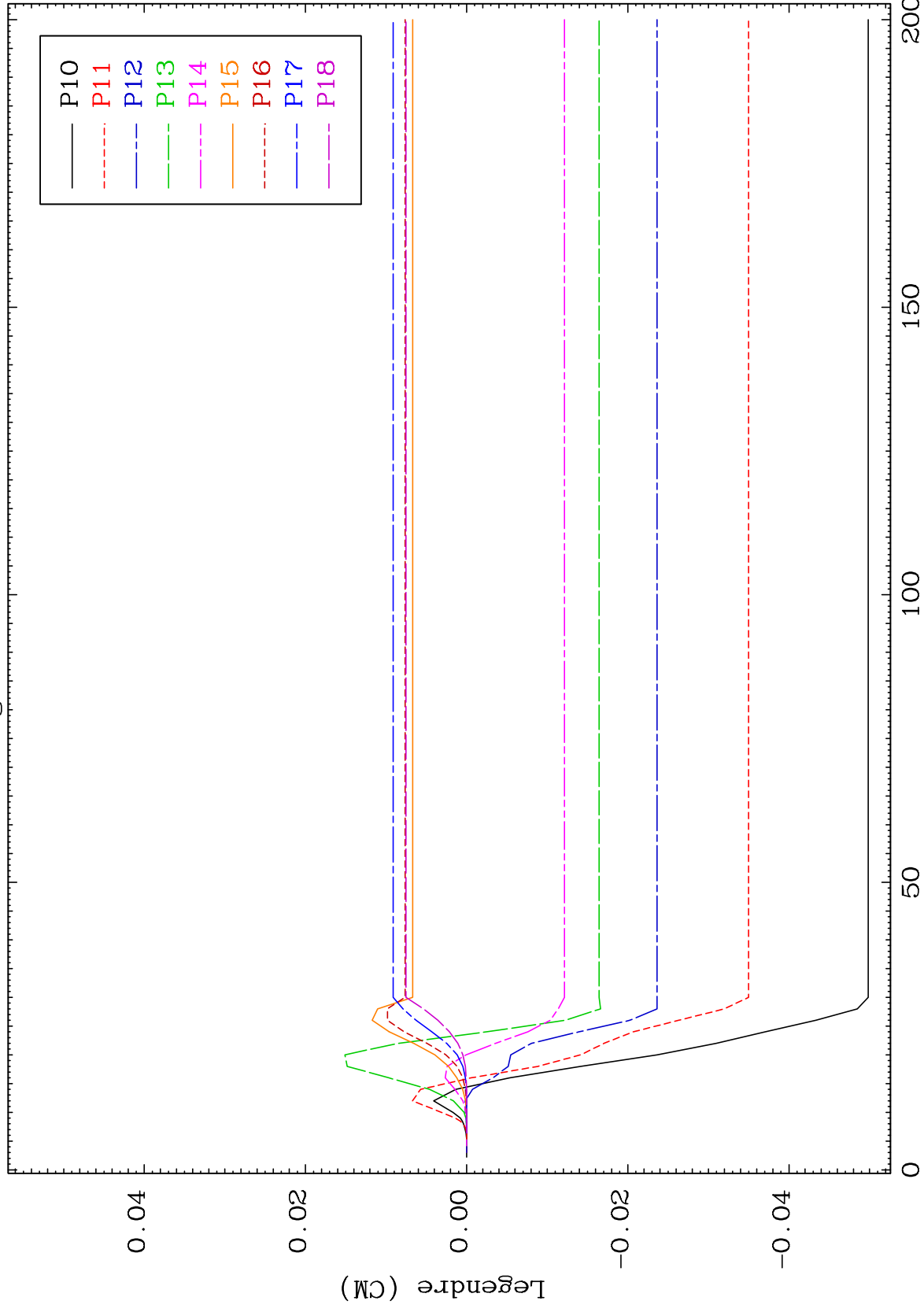




MAT 4713

1.557 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



89

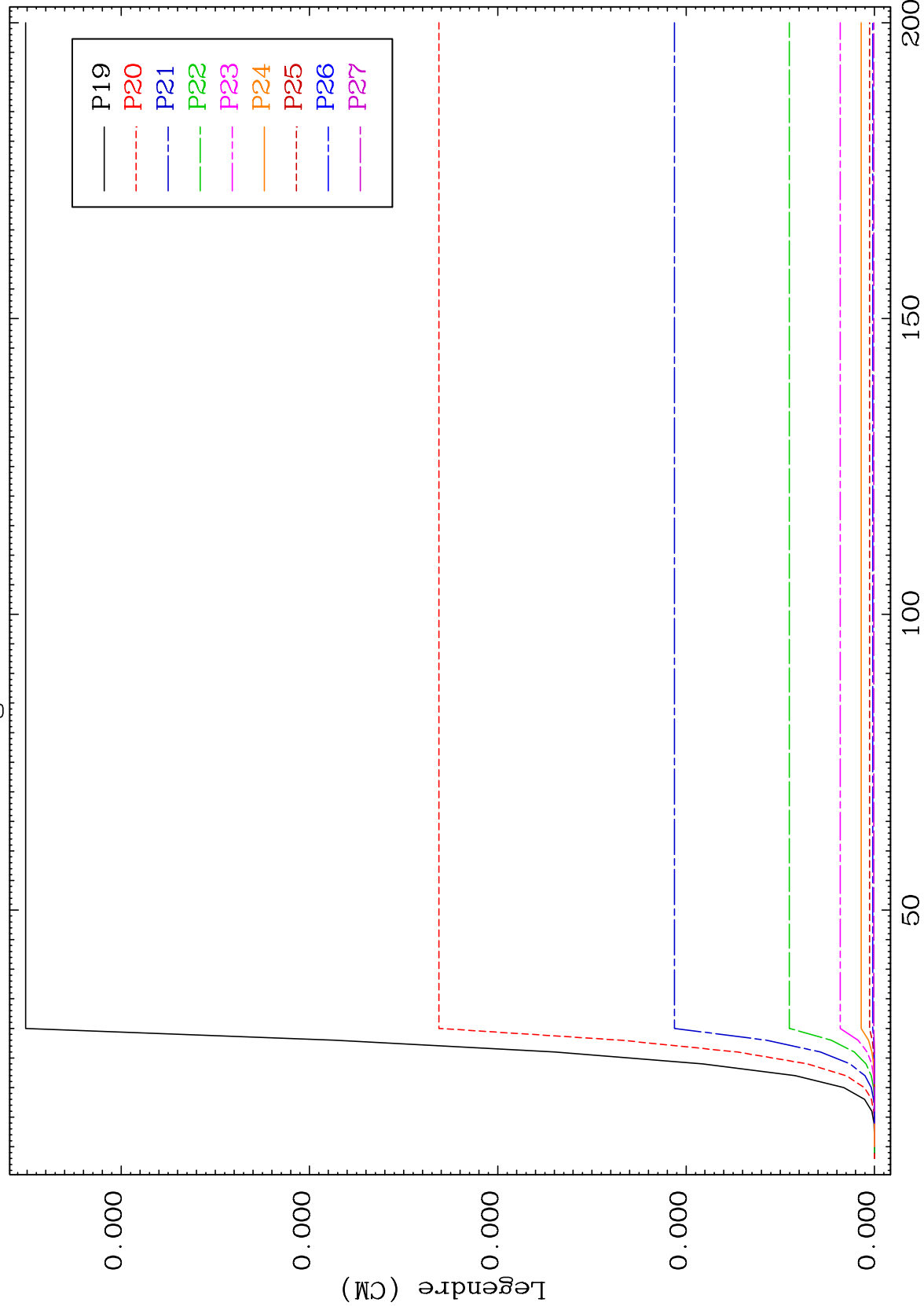
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.557 MeV (n,n') Level Legendre Coefficients

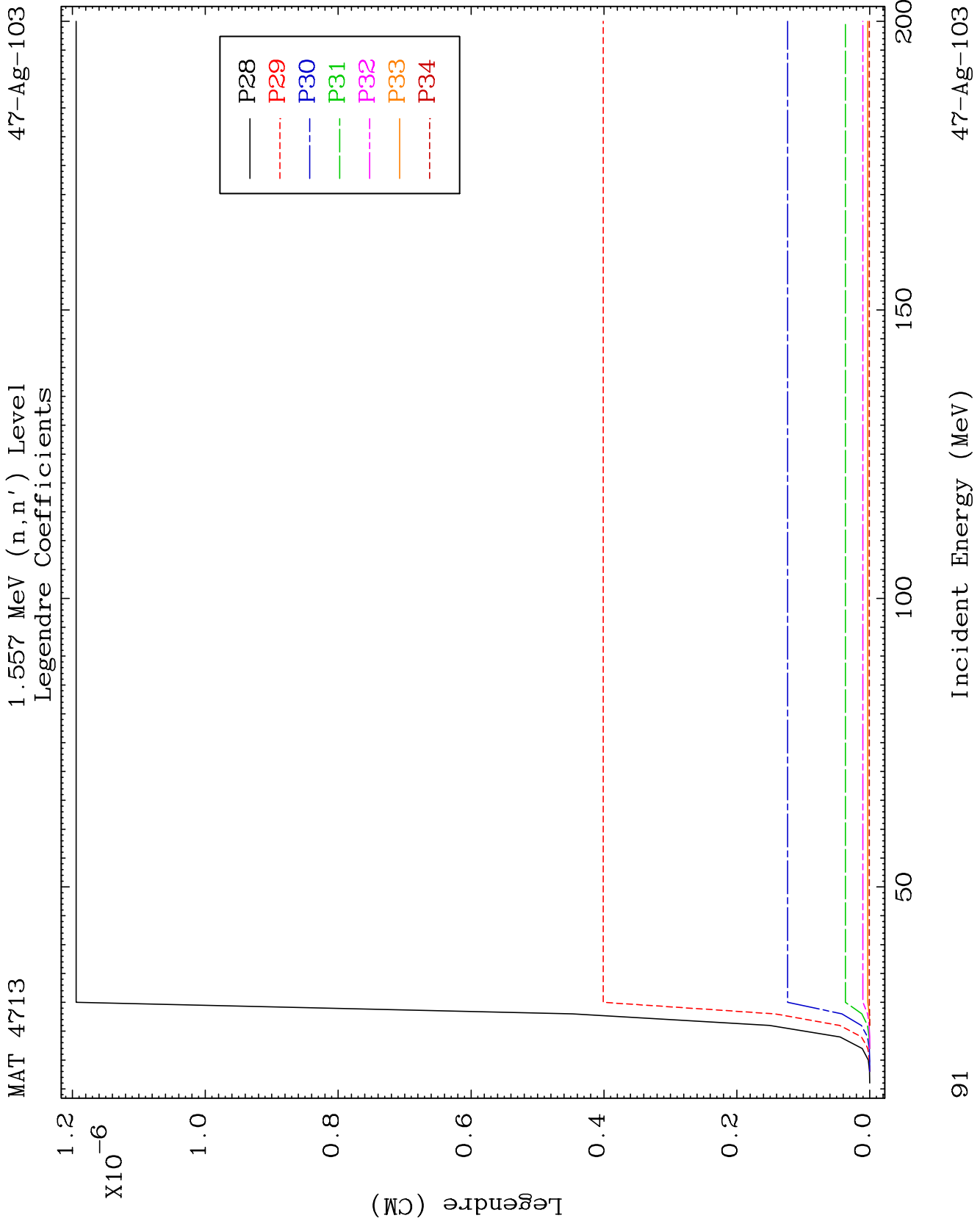
47-Ag-103



90

Incident Energy (MeV)

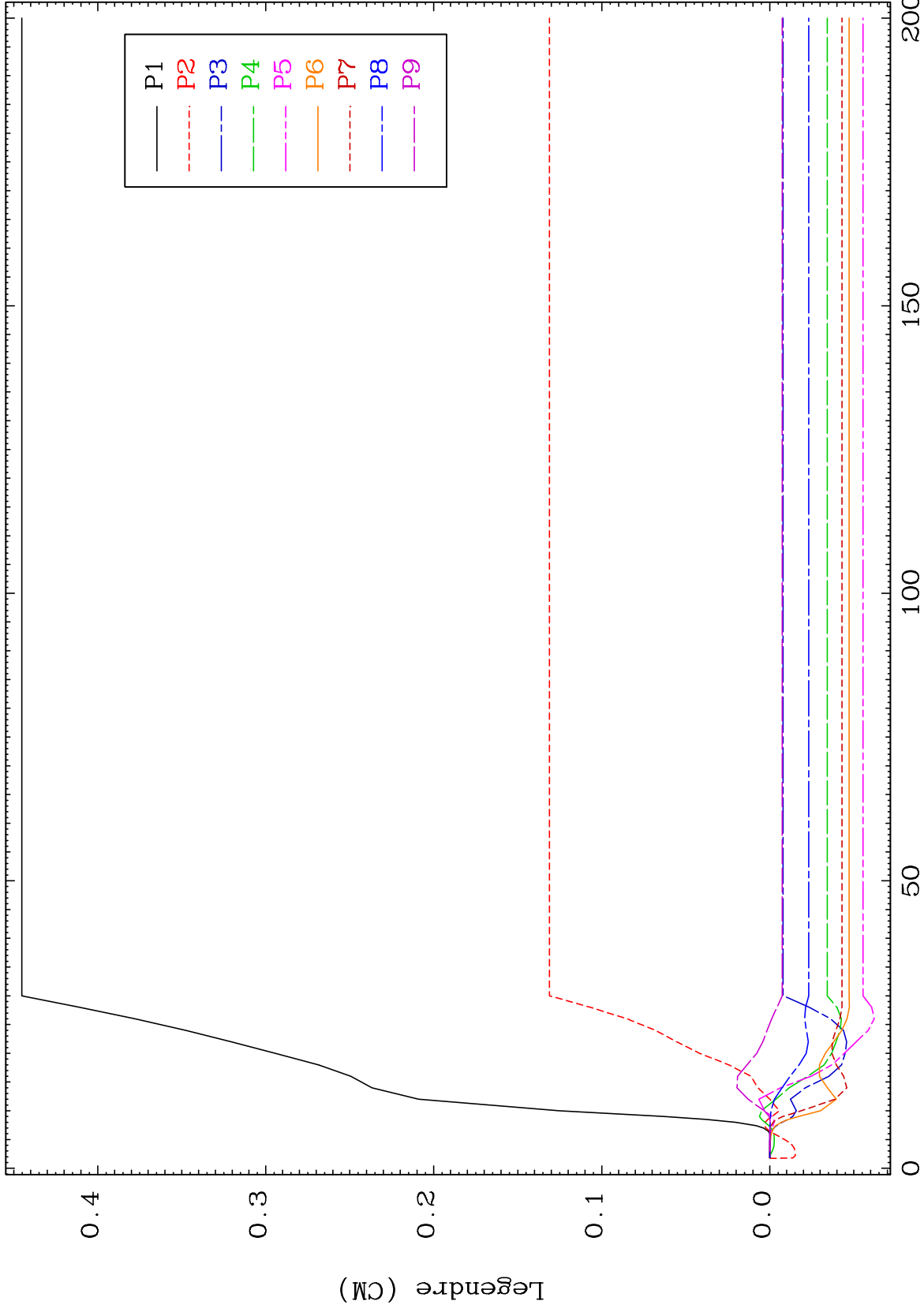
47-Ag-103



MAT 4713

1.705 MeV (n,n') Level
Legendre Coefficients

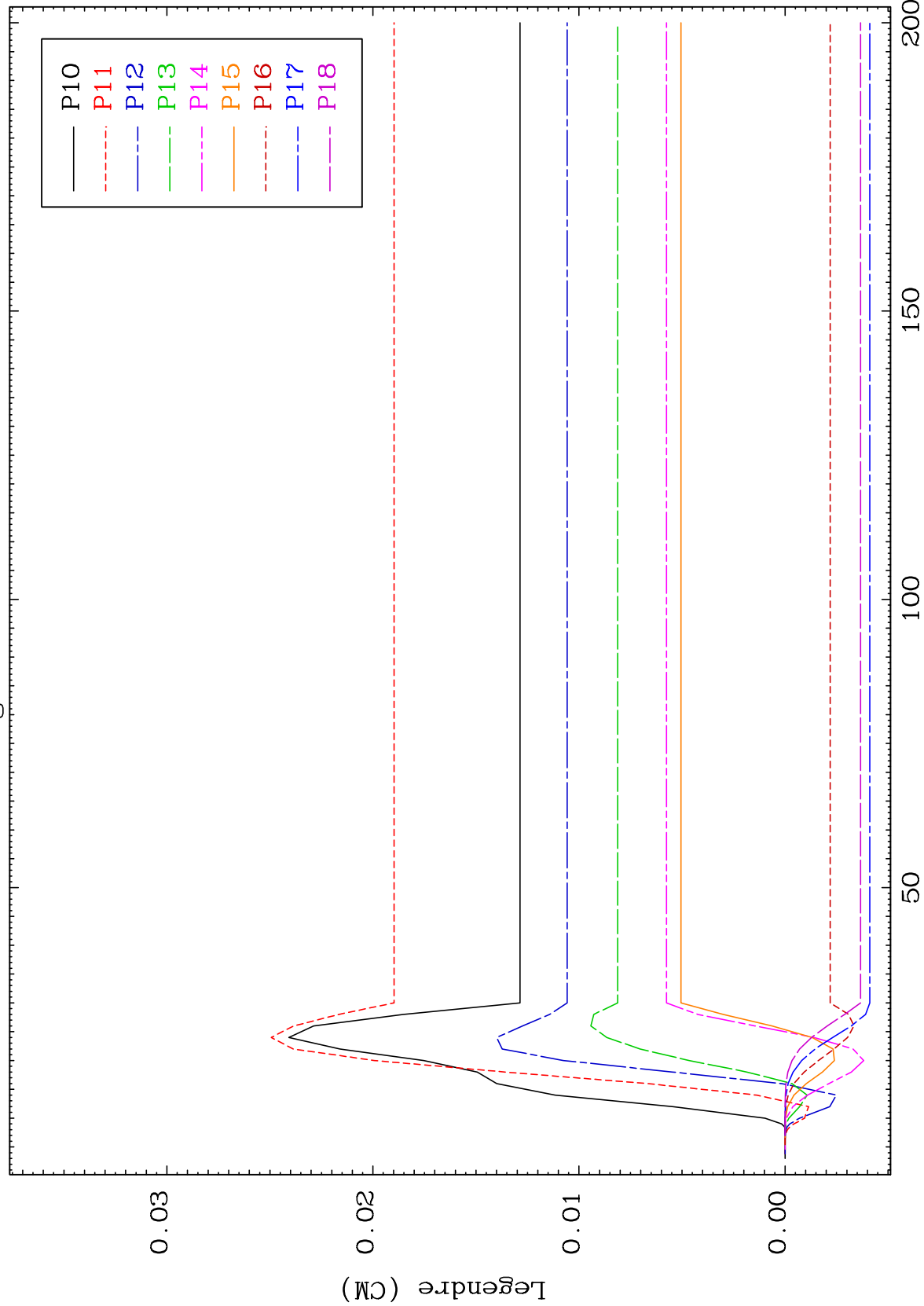
47-Ag-103

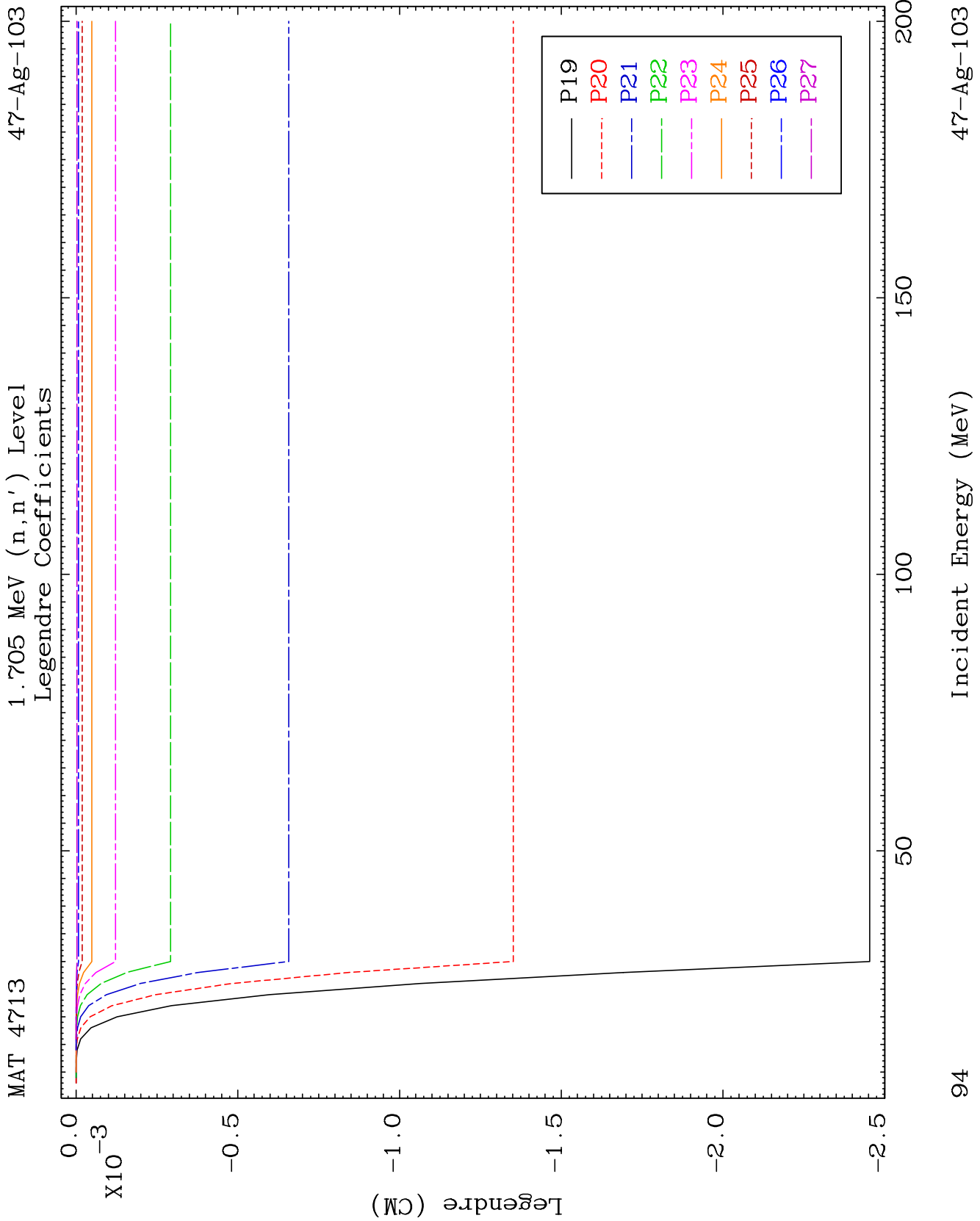


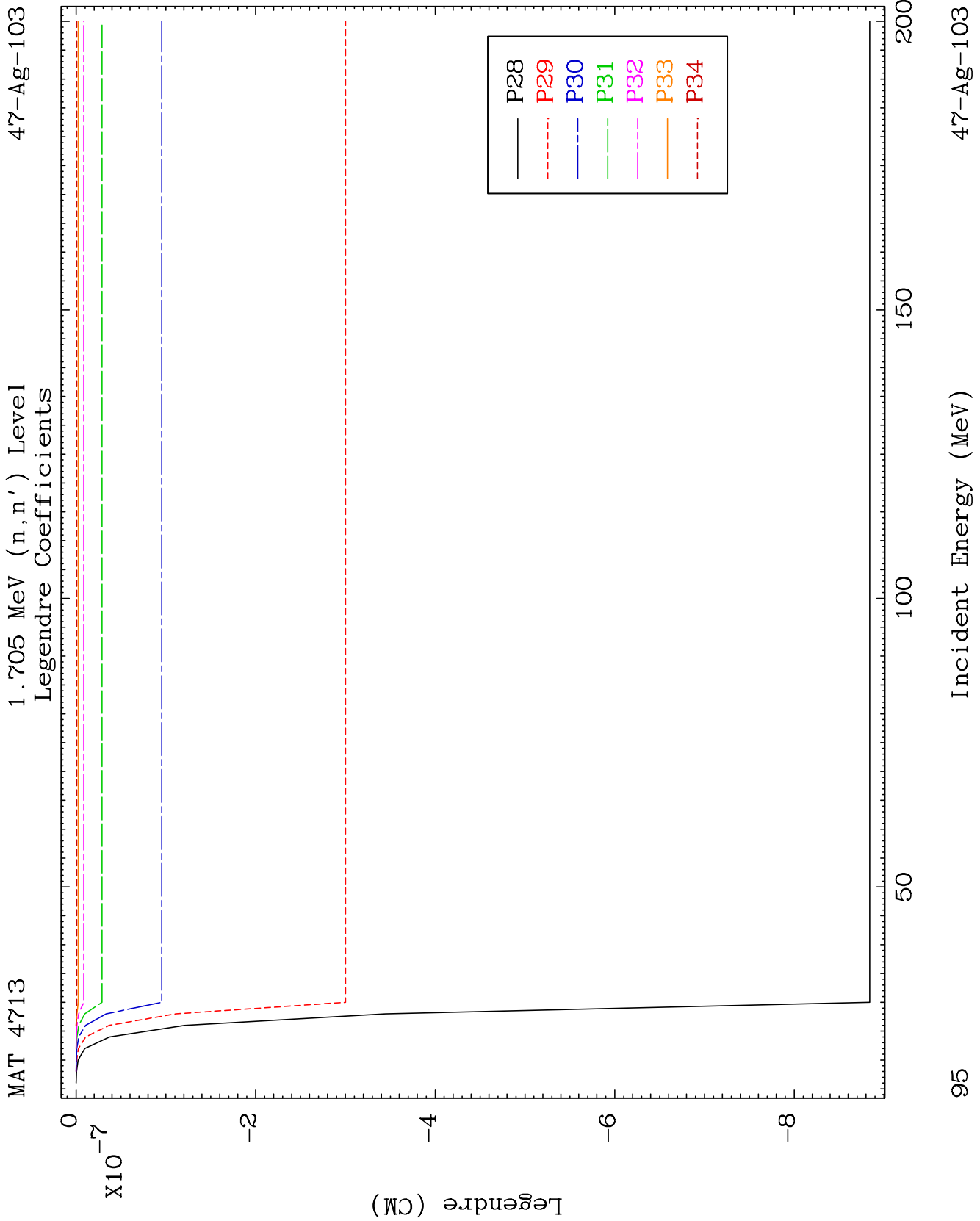
92

Incident Energy (MeV)

47-Ag-103



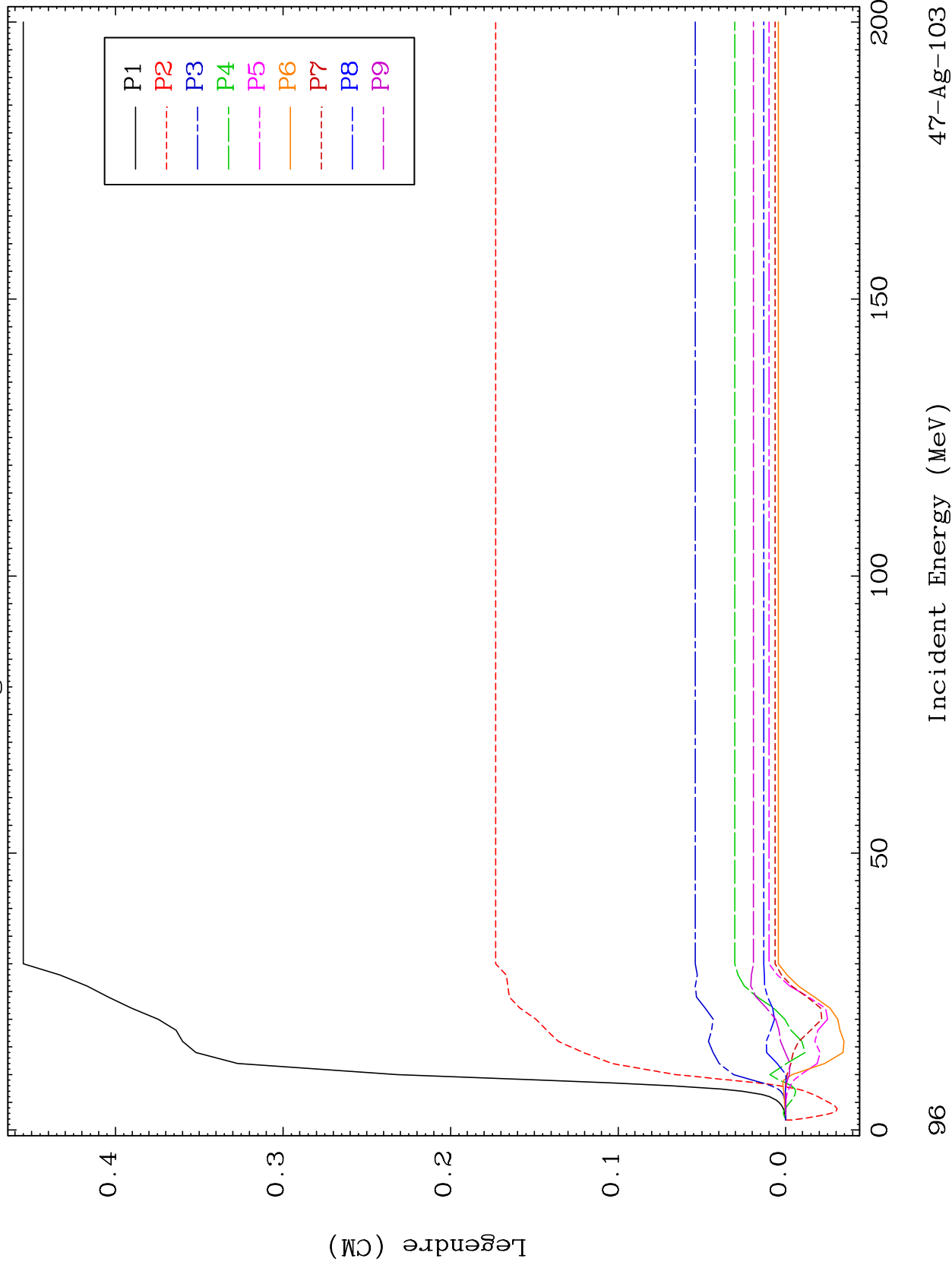




MAT 4713

1.776 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



47-Ag-103

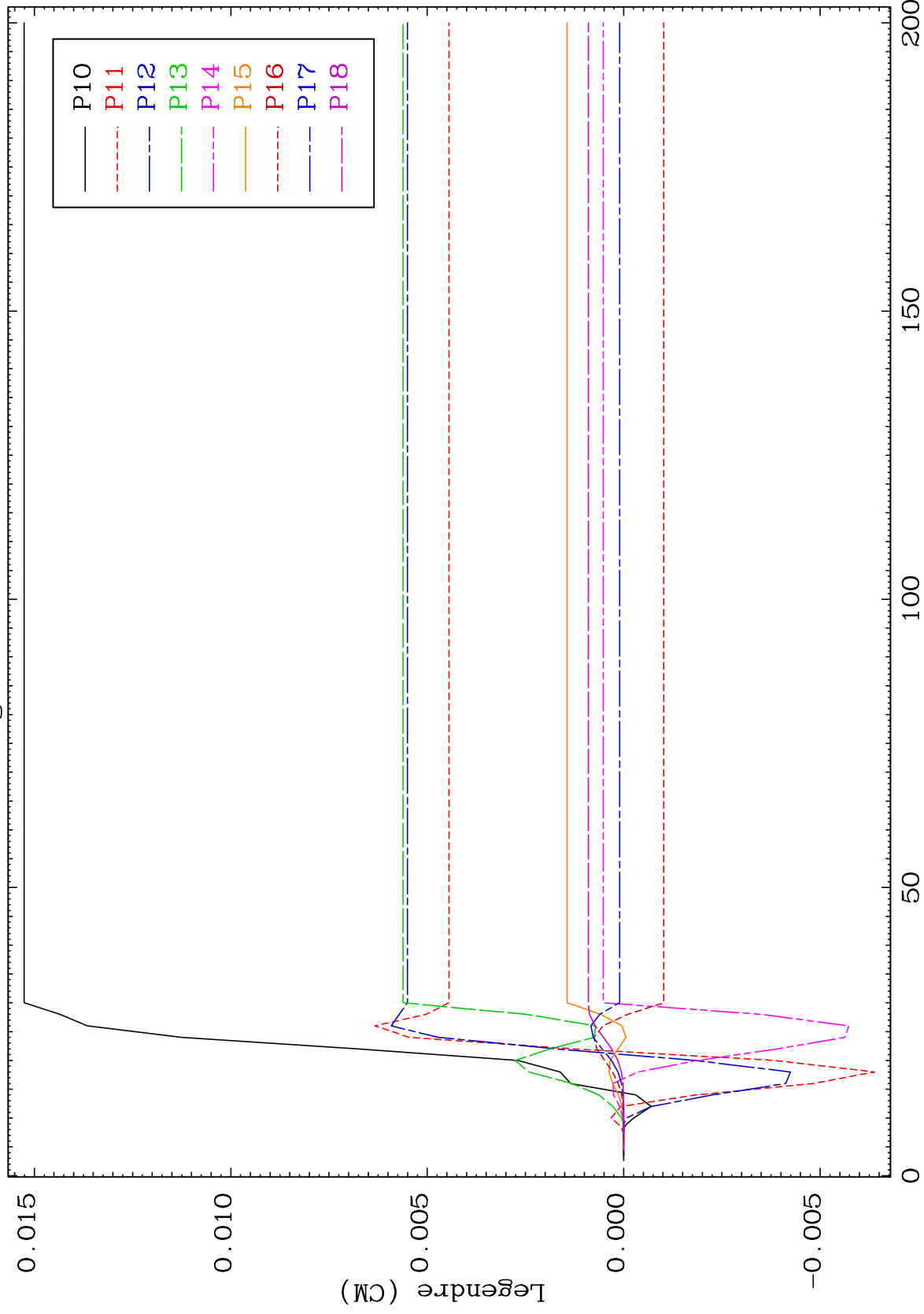
Incident Energy (MeV)

96

MAT 4713

1.776 MeV (n,n') Level
Legendre Coefficients

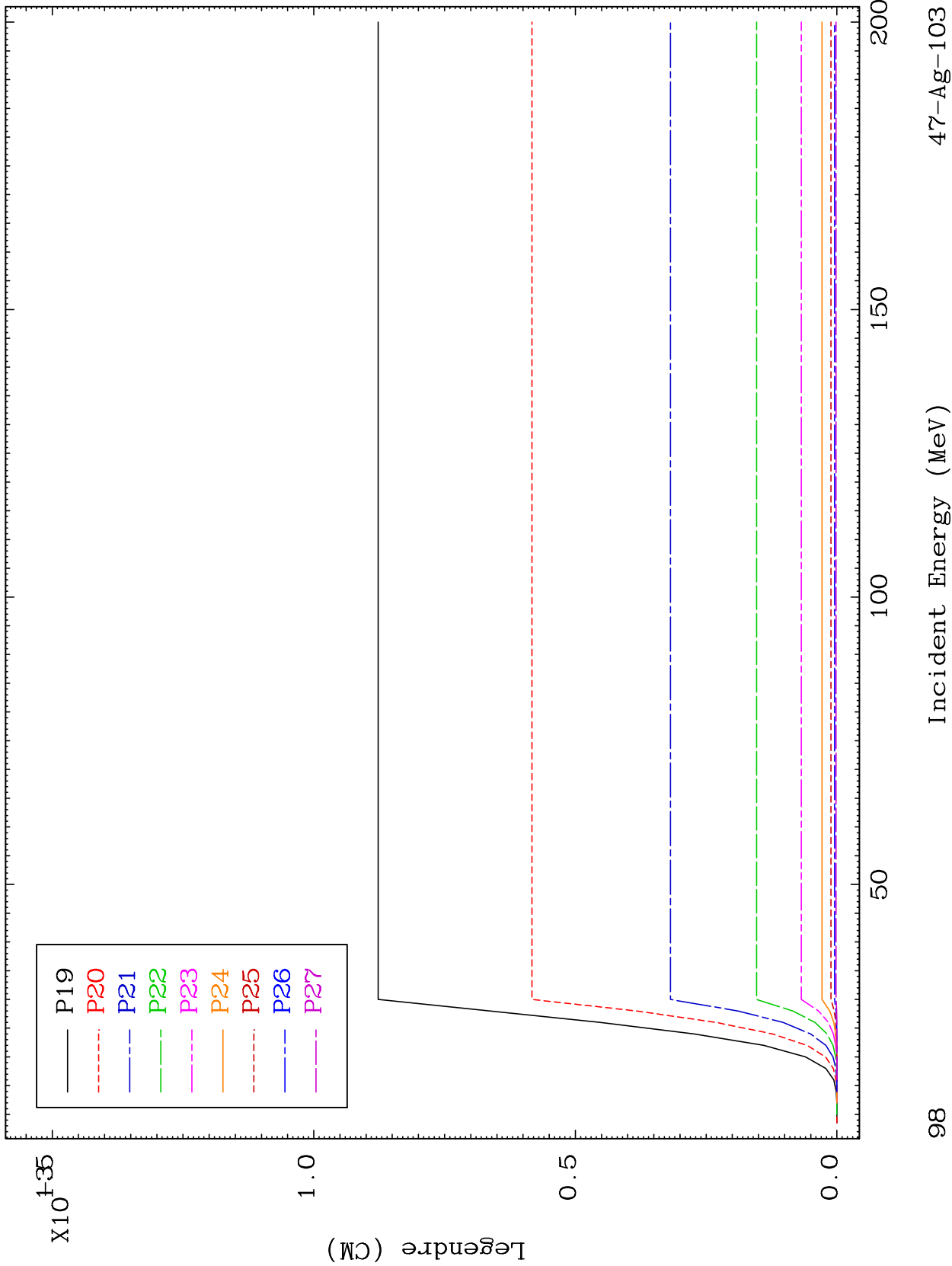
47-Ag-103



97

Incident Energy (MeV)

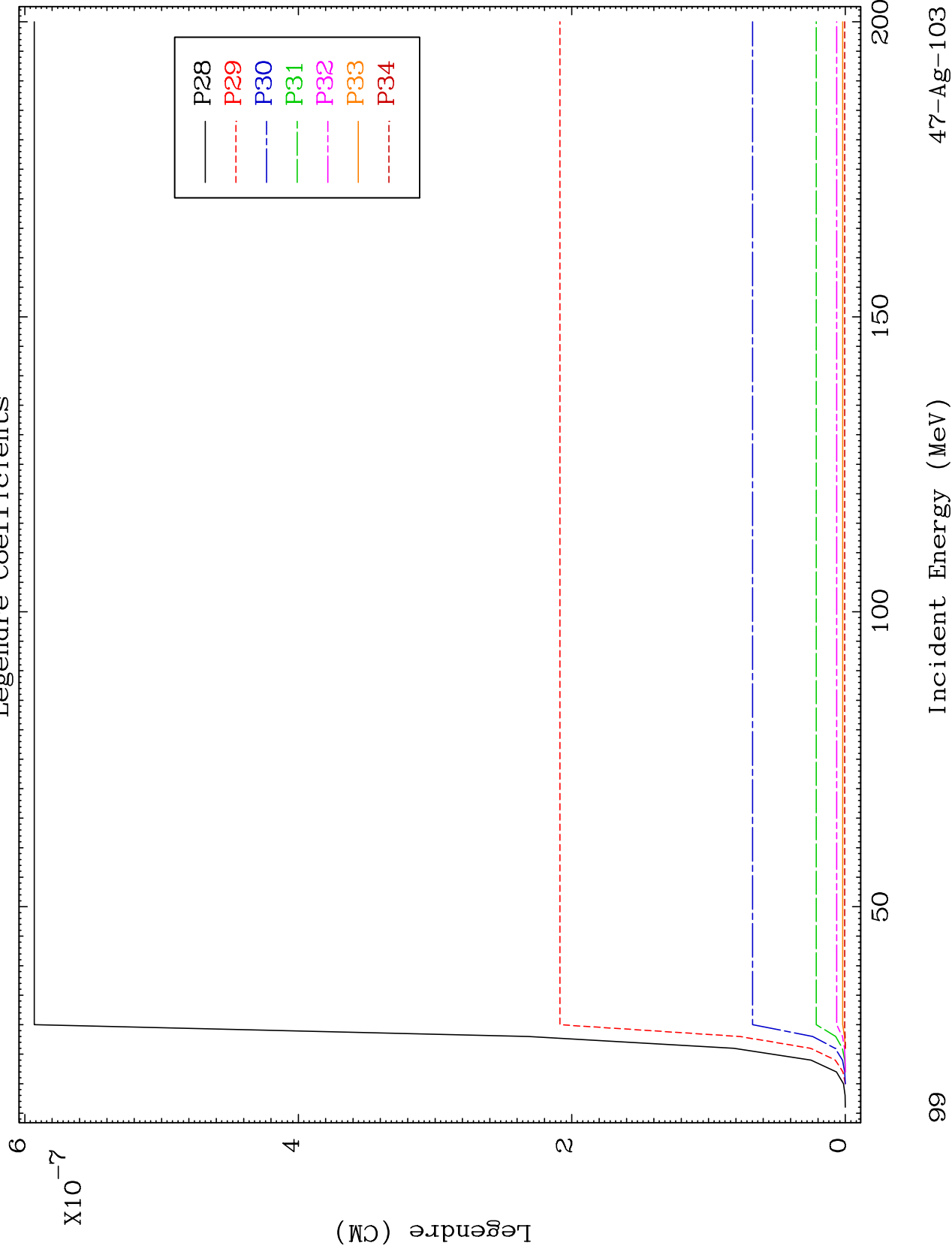
47-Ag-103



MAT 4713

1.776 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



99

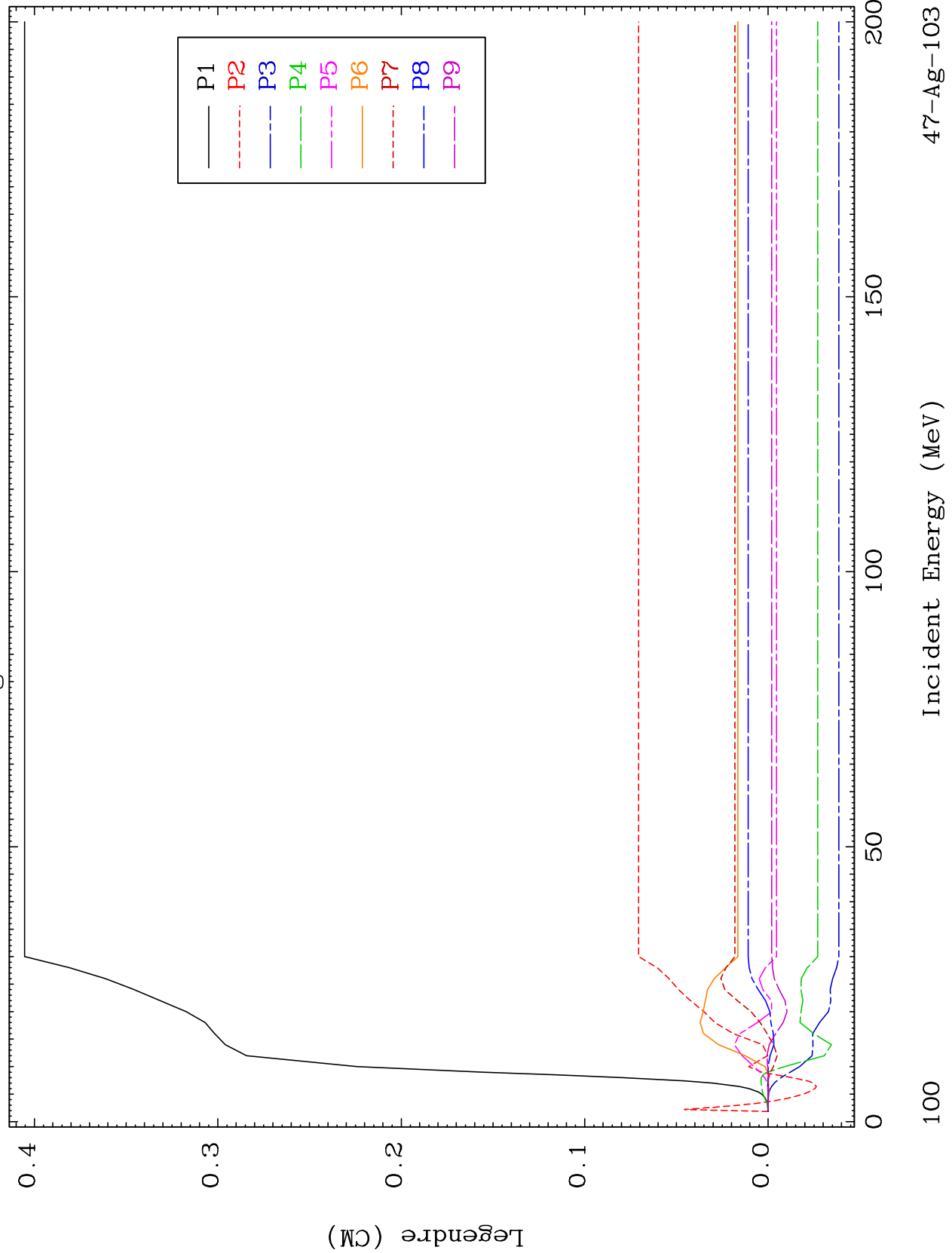
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.822 MeV (n,n') Level Legendre Coefficients

47-Ag-103



47-Ag-103

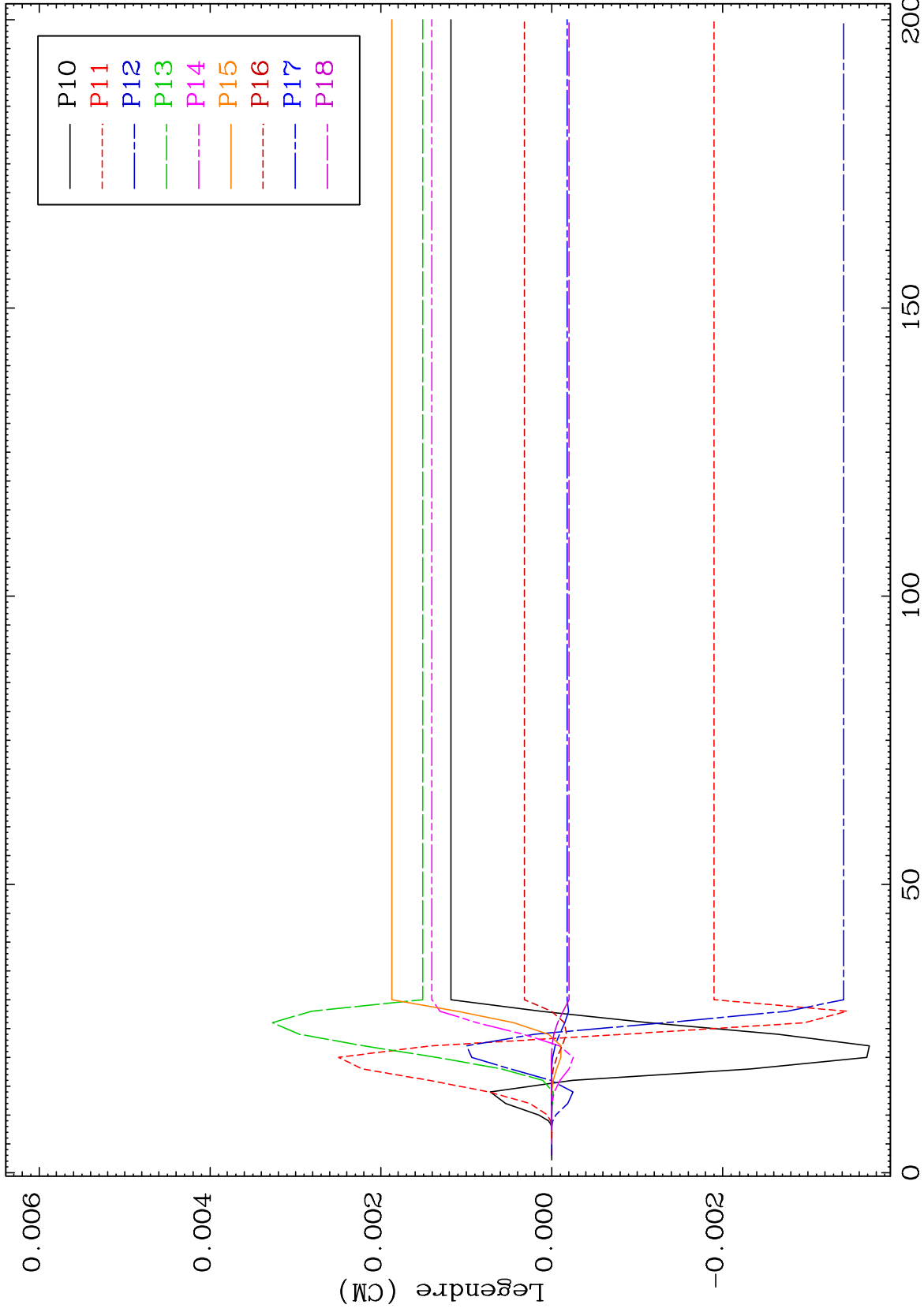
Incident Energy (MeV)

100

MAT 4713

1.822 MeV (n,n') Level
Legendre Coefficients

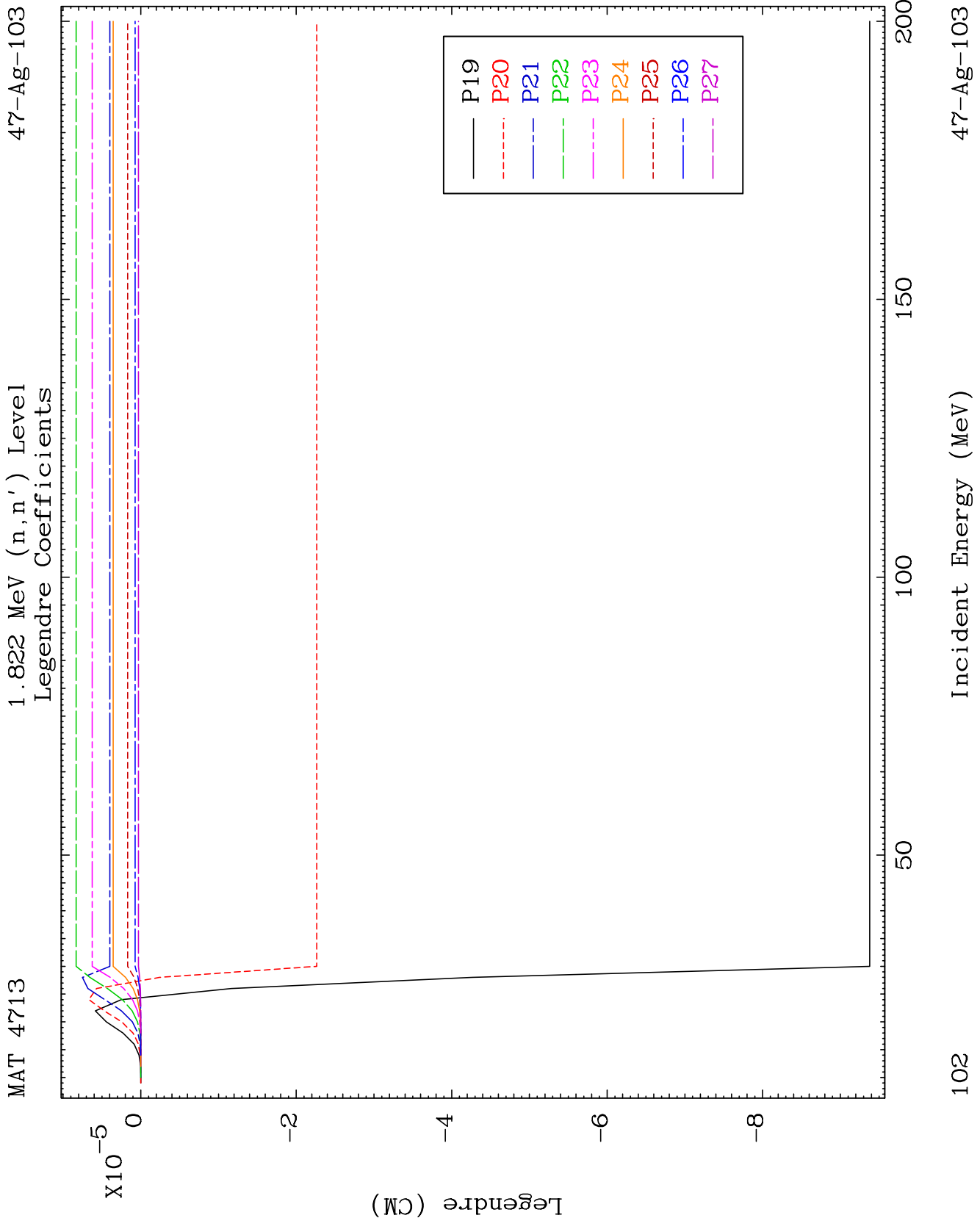
47-Ag-103



101

Incident Energy (MeV)

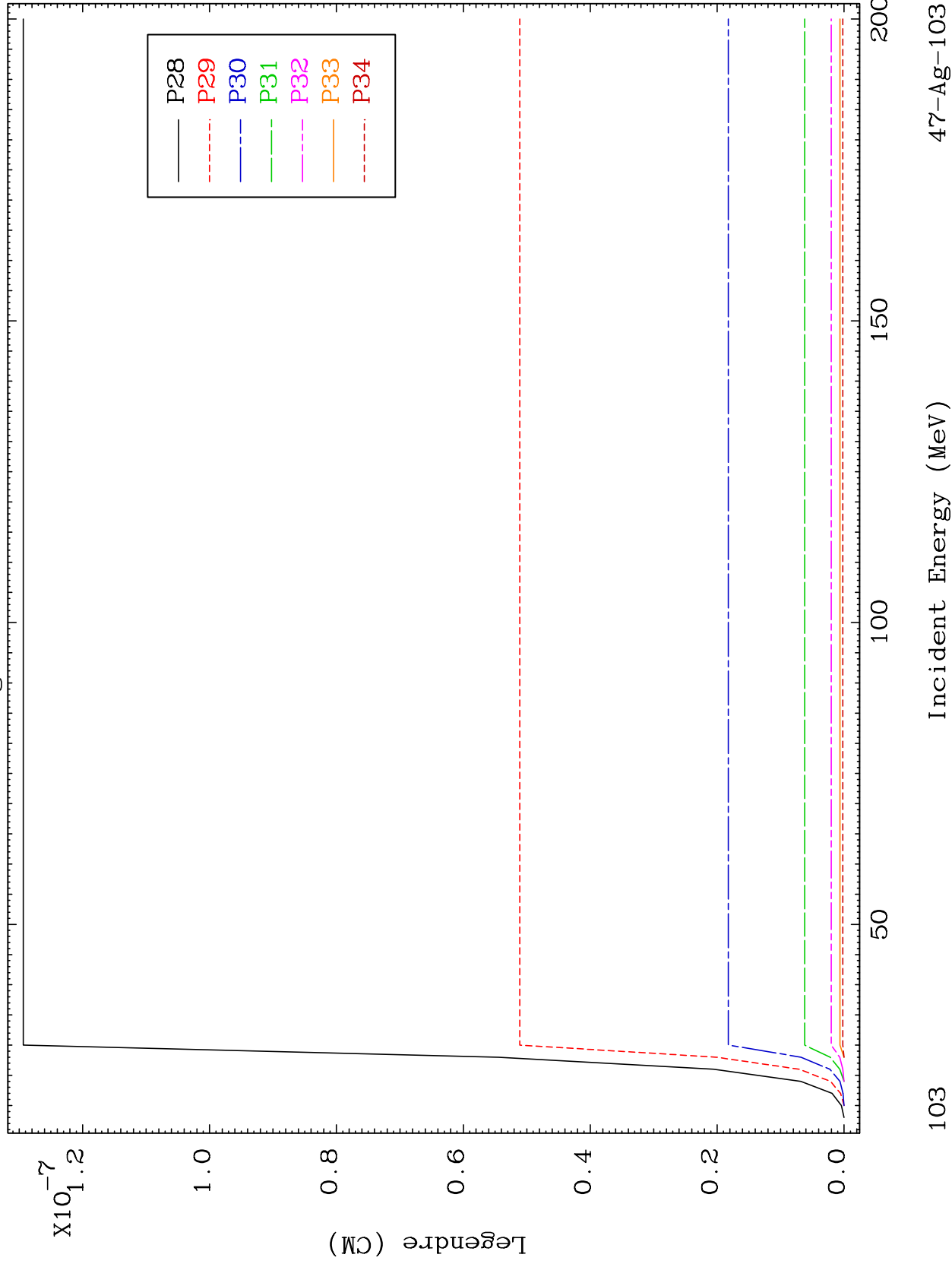
47-Ag-103



MAT 4713

1.822 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



103

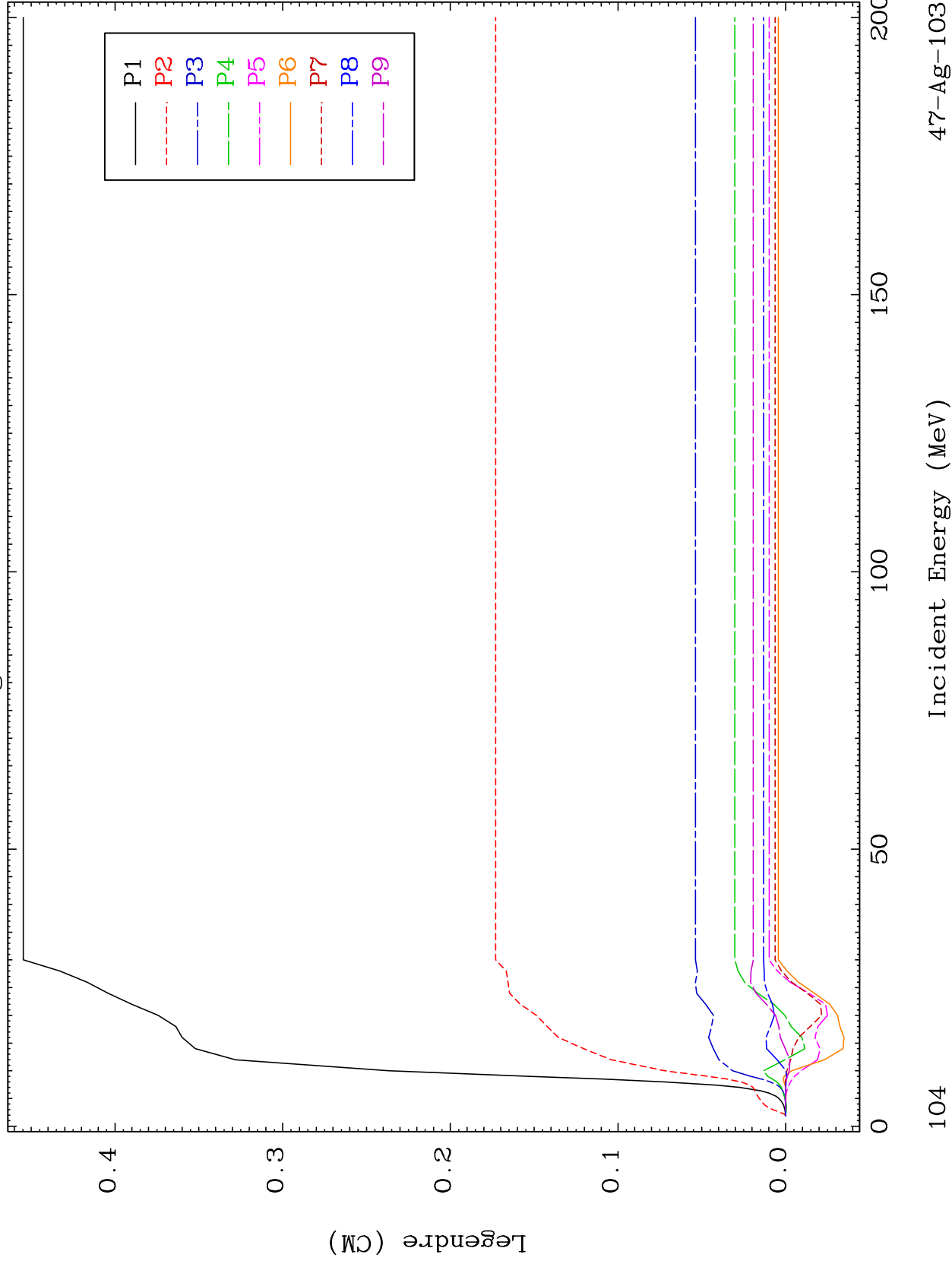
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.825 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



104

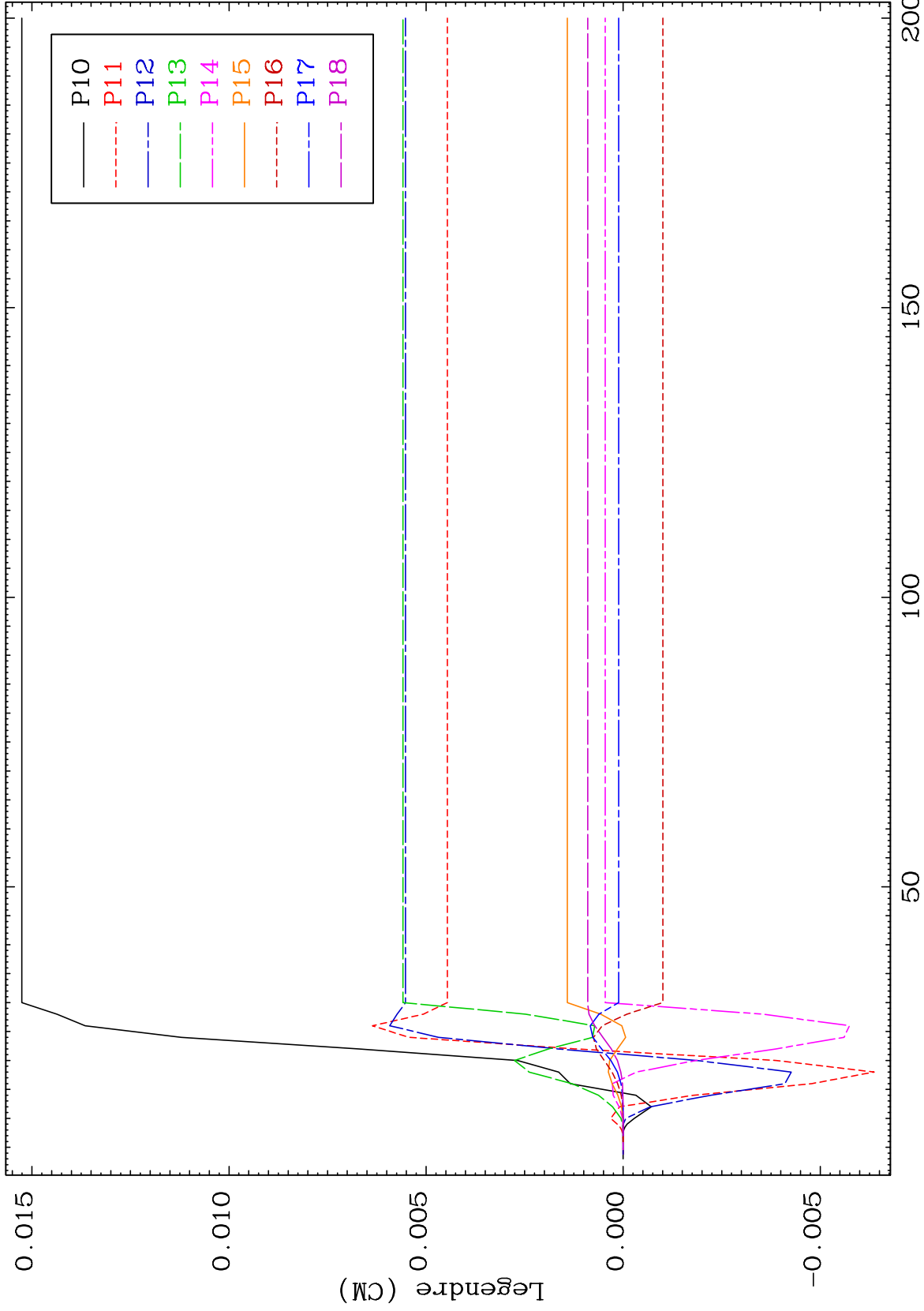
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.825 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



105

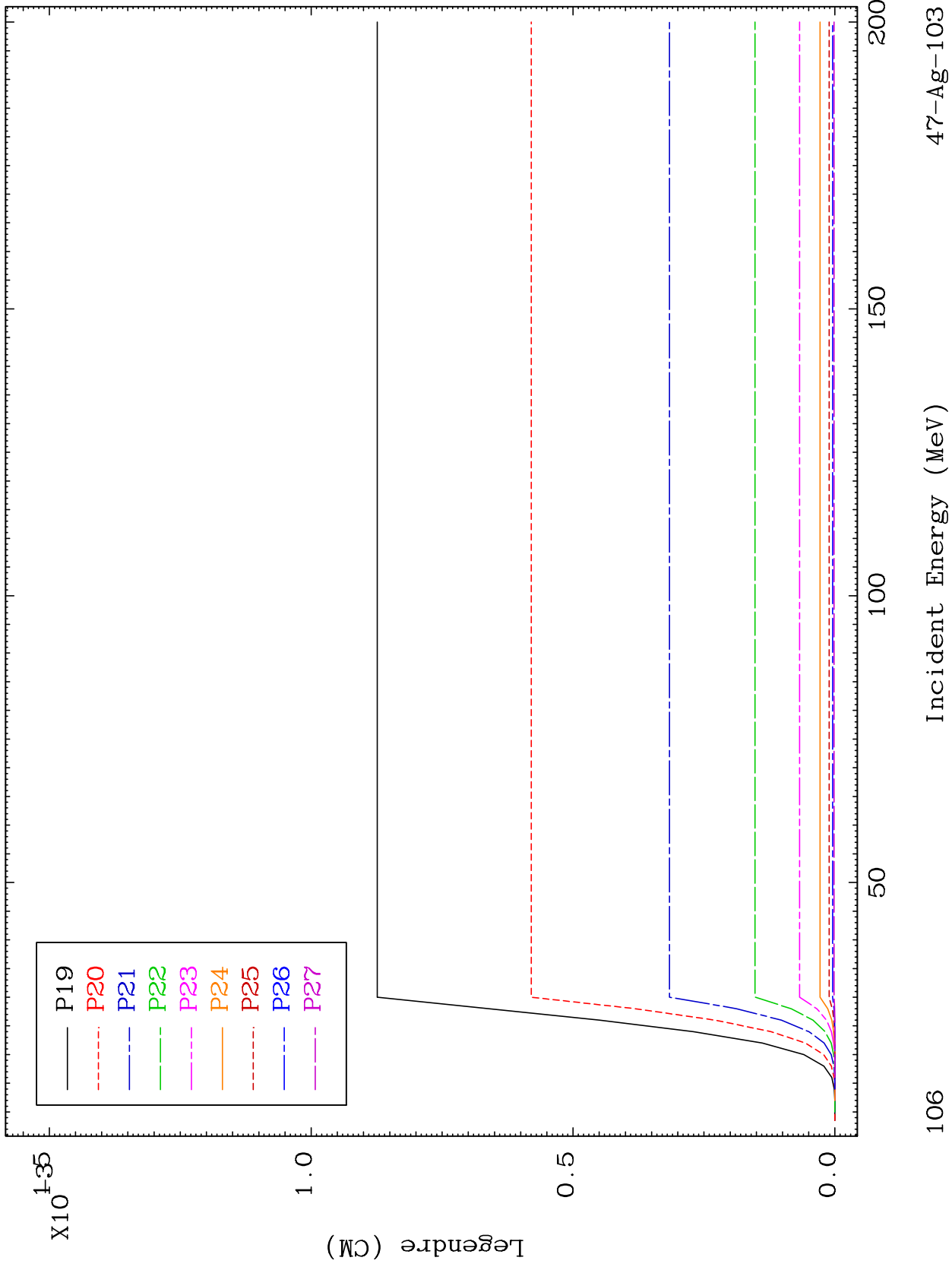
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.825 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



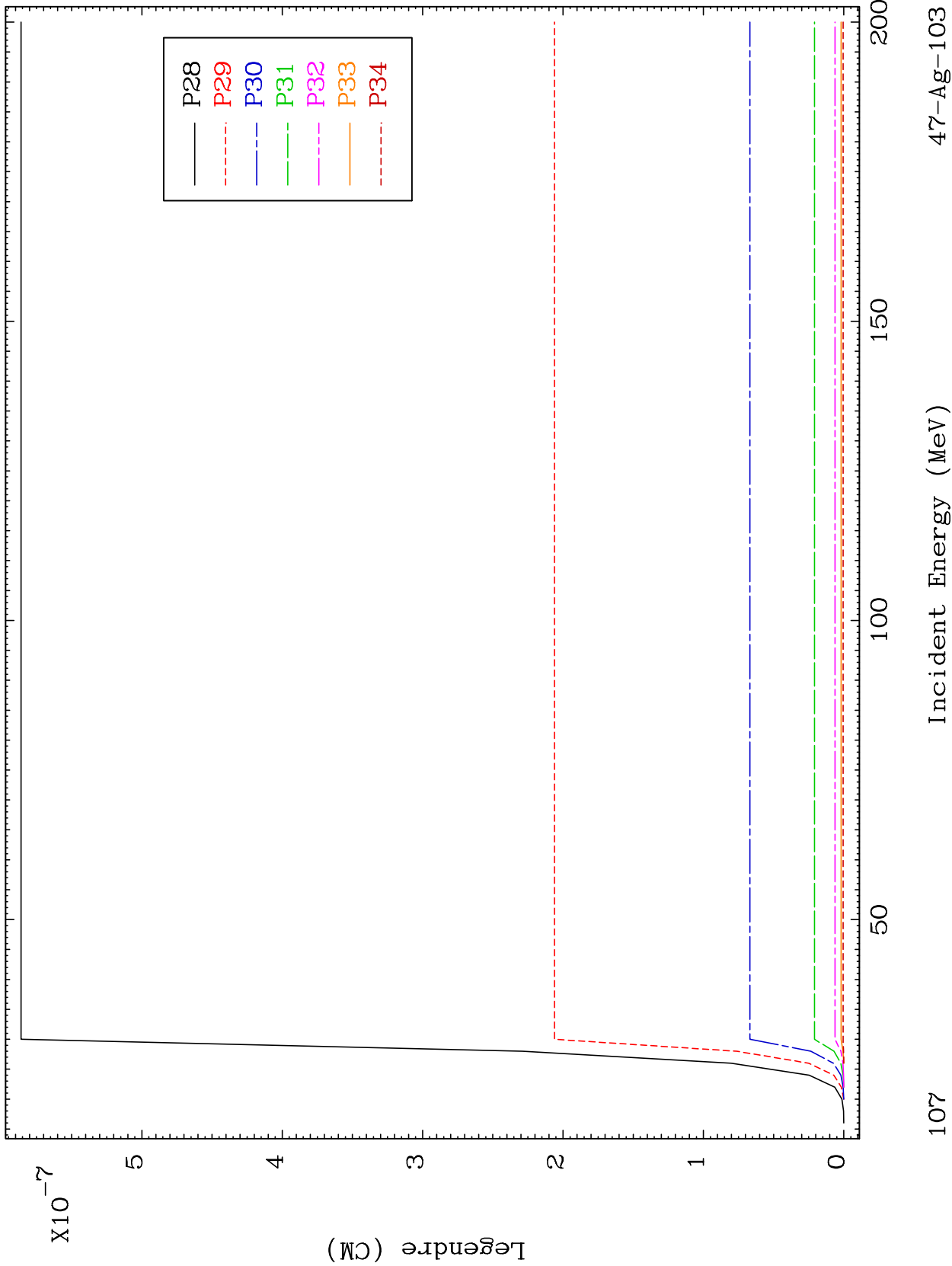
106

47-Ag-103

MAT 4713

1.825 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



107

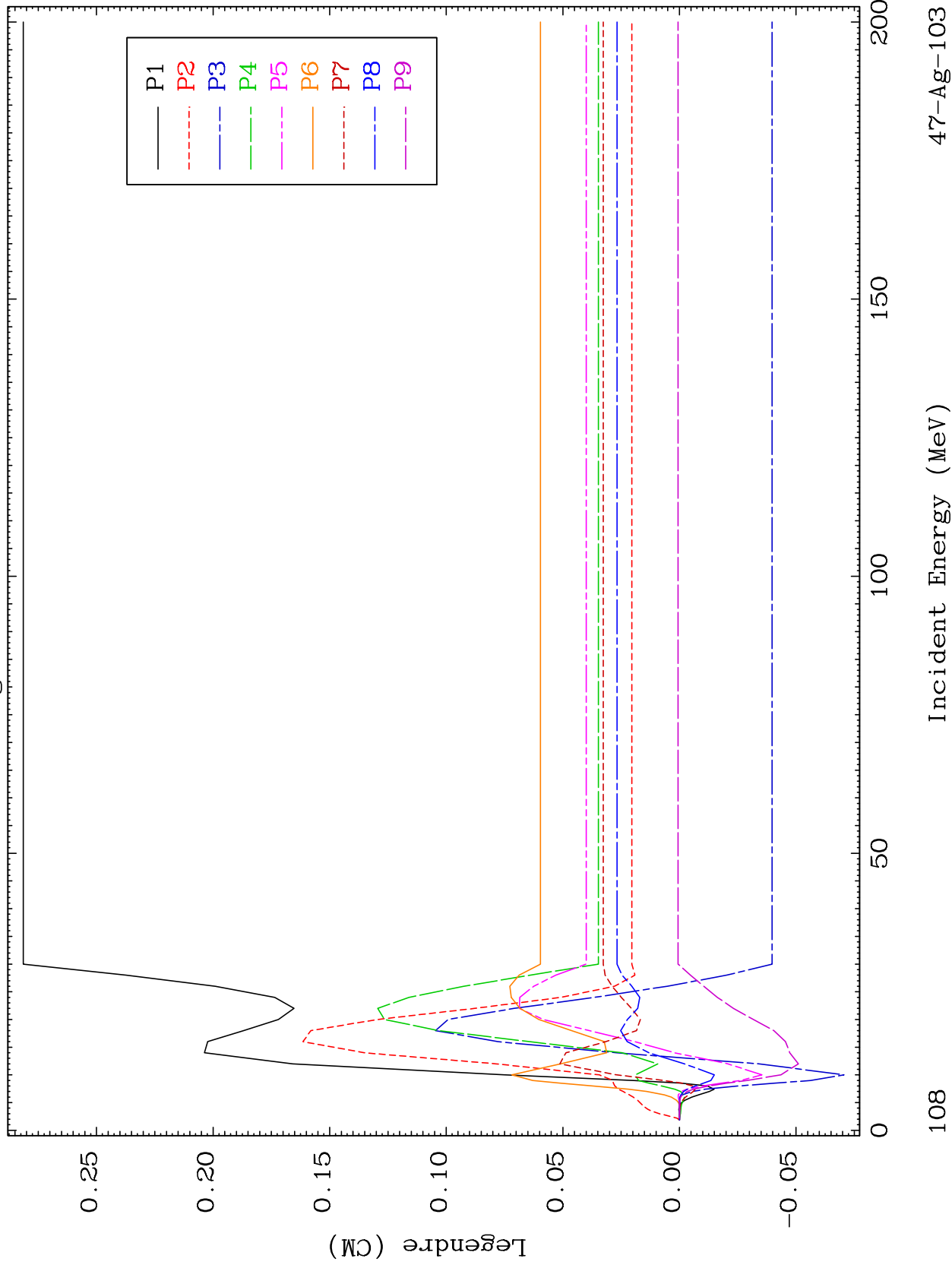
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.829 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



47-Ag-103

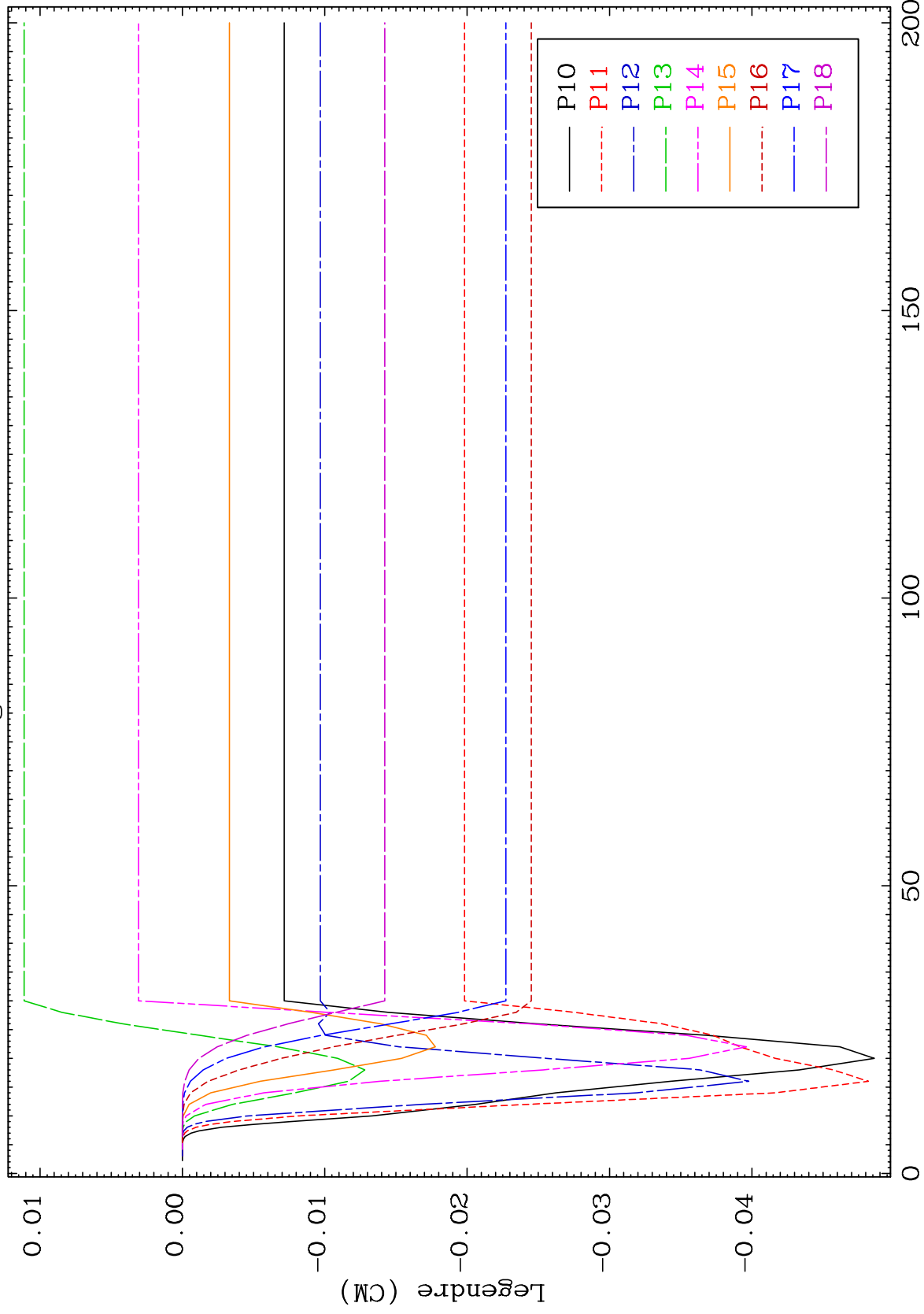
Incident Energy (MeV)

108

MAT 4713

1.829 MeV (n, n') Level
Legendre Coefficients

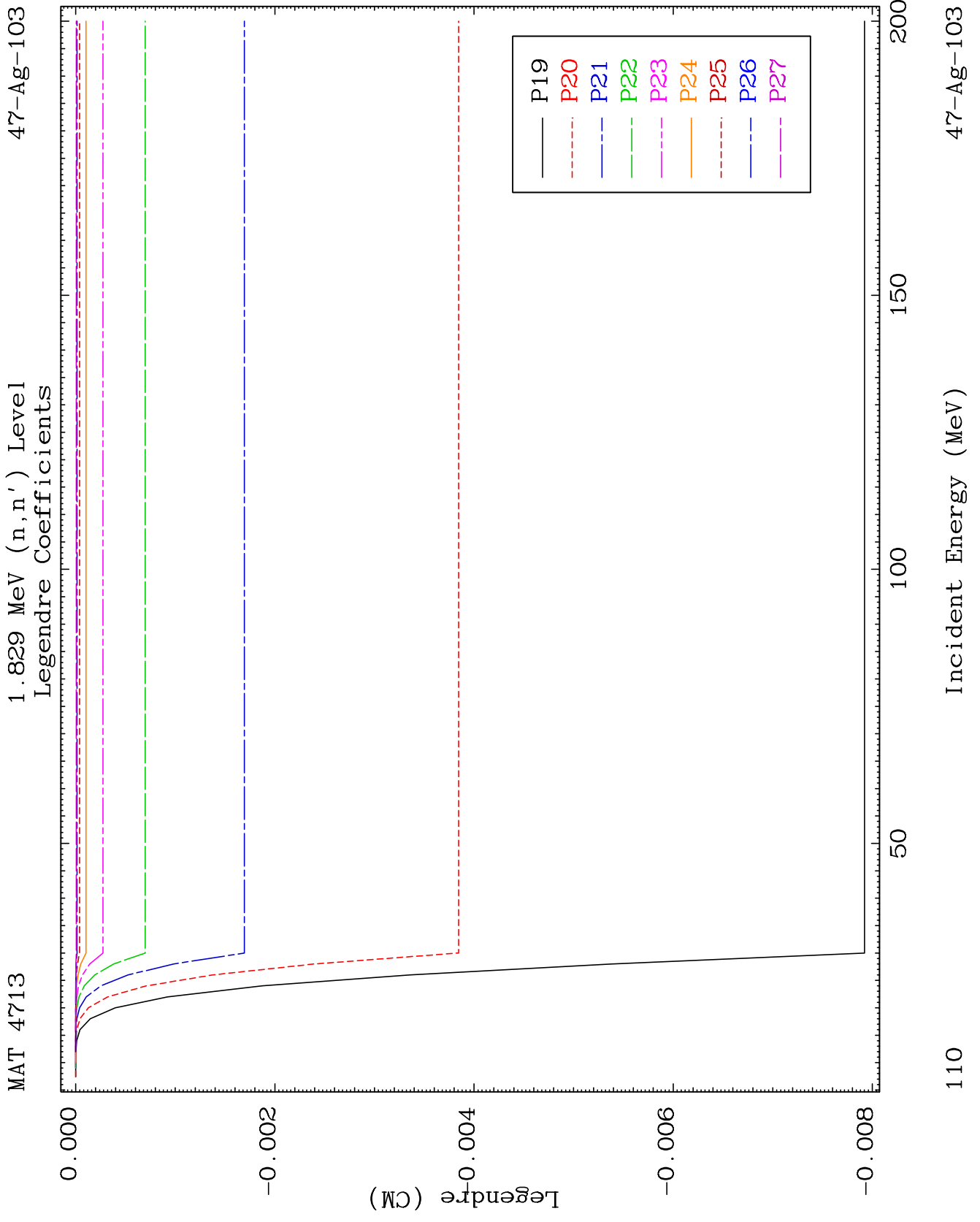
47-Ag-103

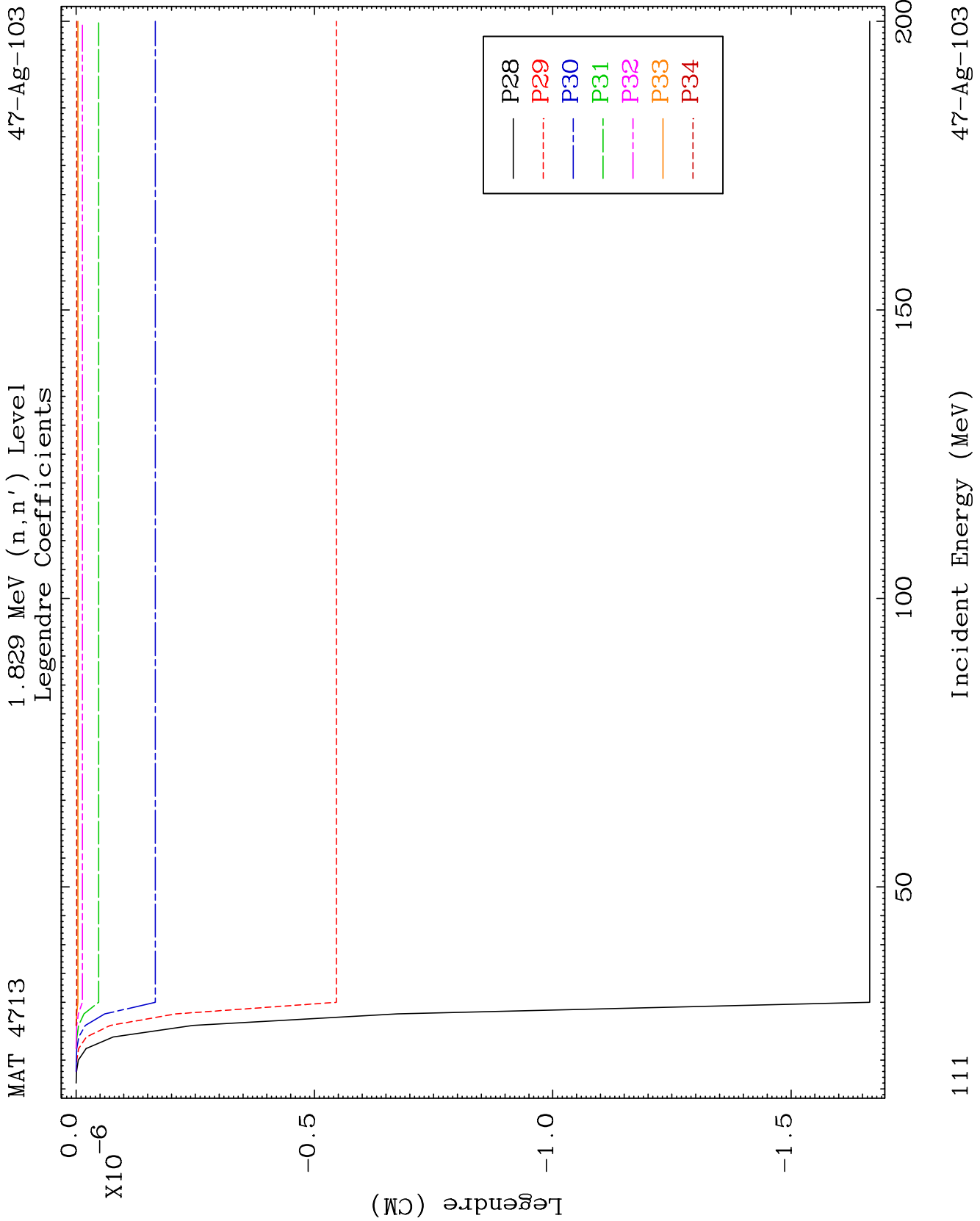


109

Incident Energy (MeV)

47-Ag-103

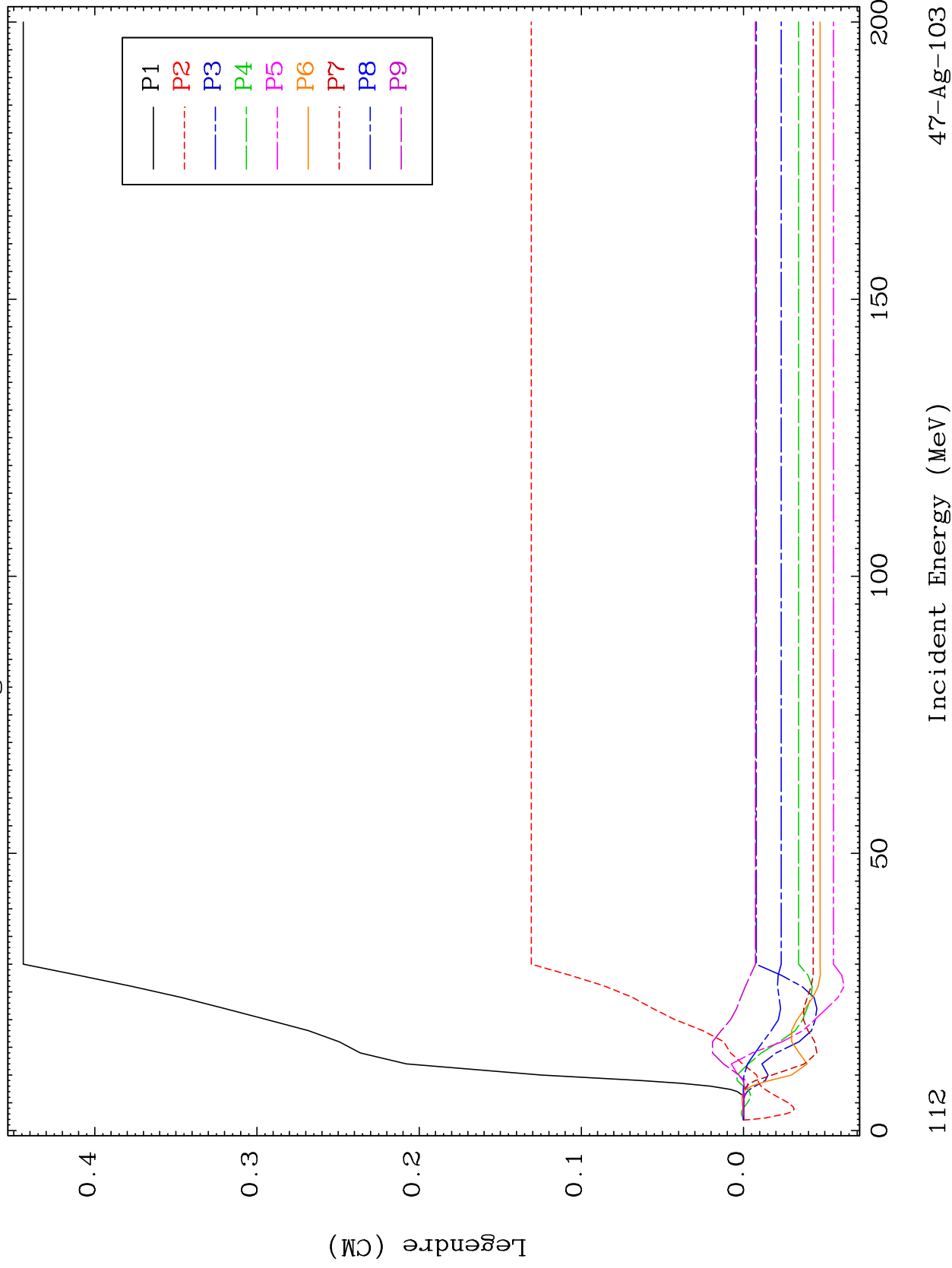




MAT 4713

1.857 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



47-Ag-103

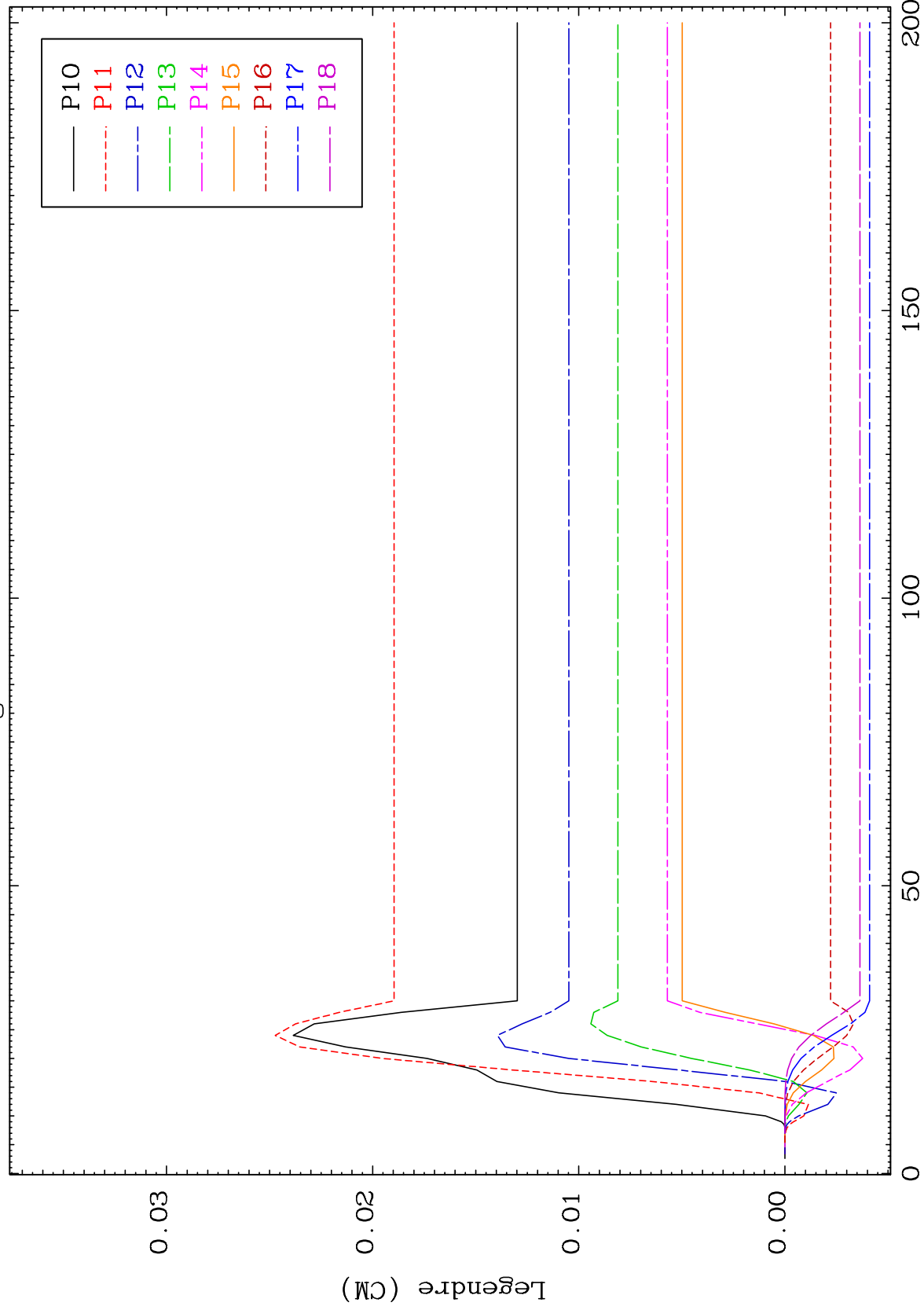
Incident Energy (MeV)

112

MAT 4713

1.857 MeV (n,n') Level
Legendre Coefficients

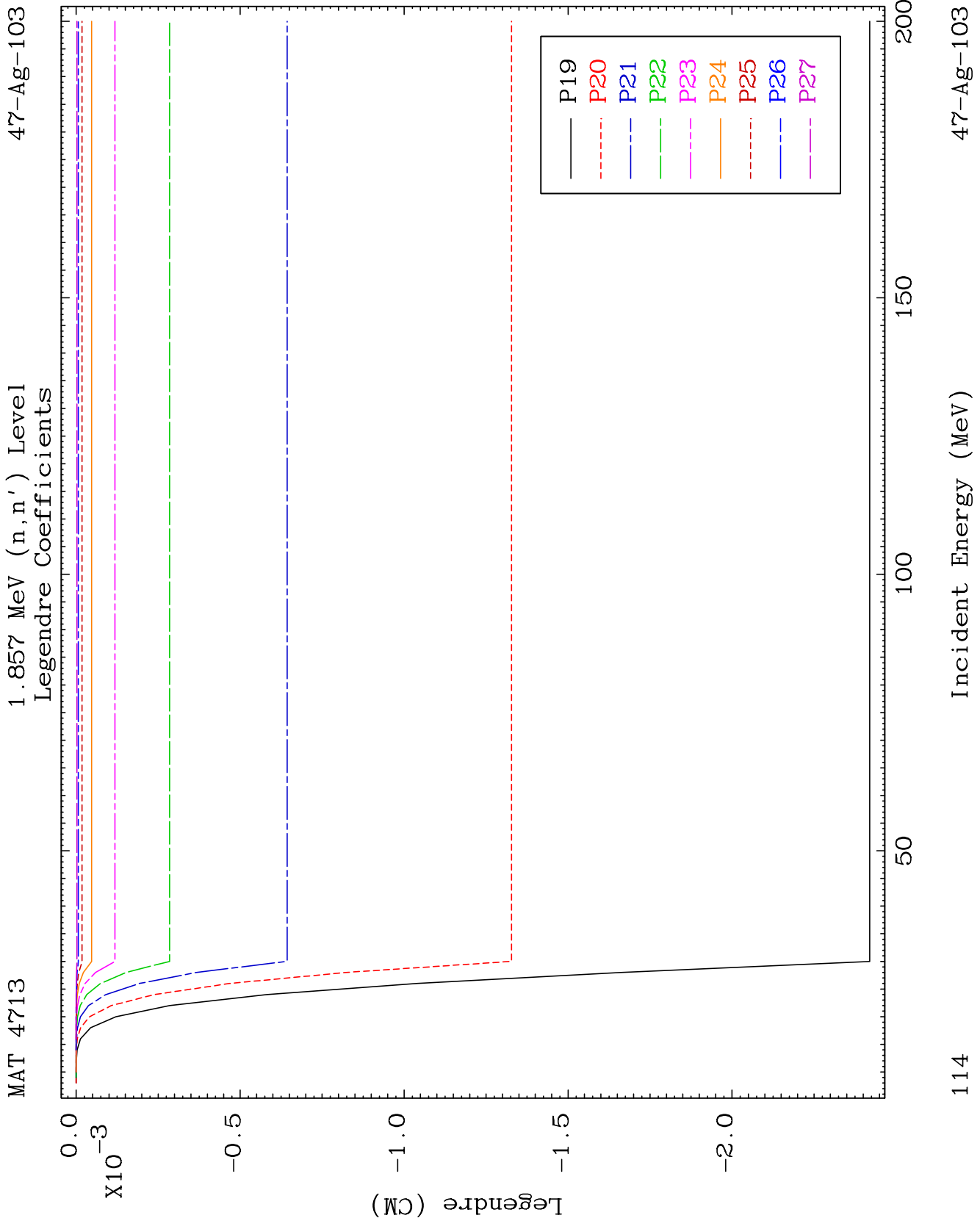
47-Ag-103

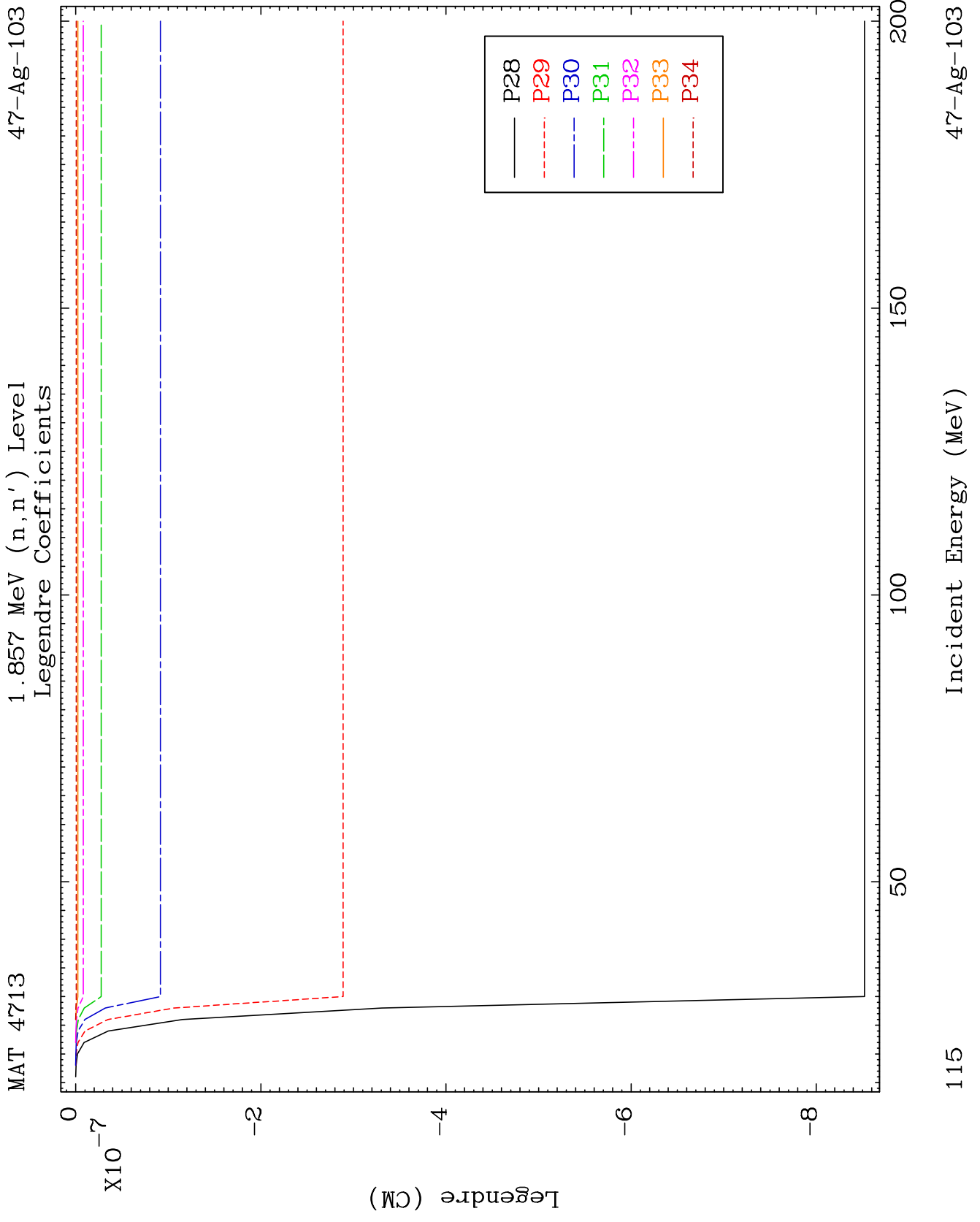


113

Incident Energy (MeV)

47-Ag-103

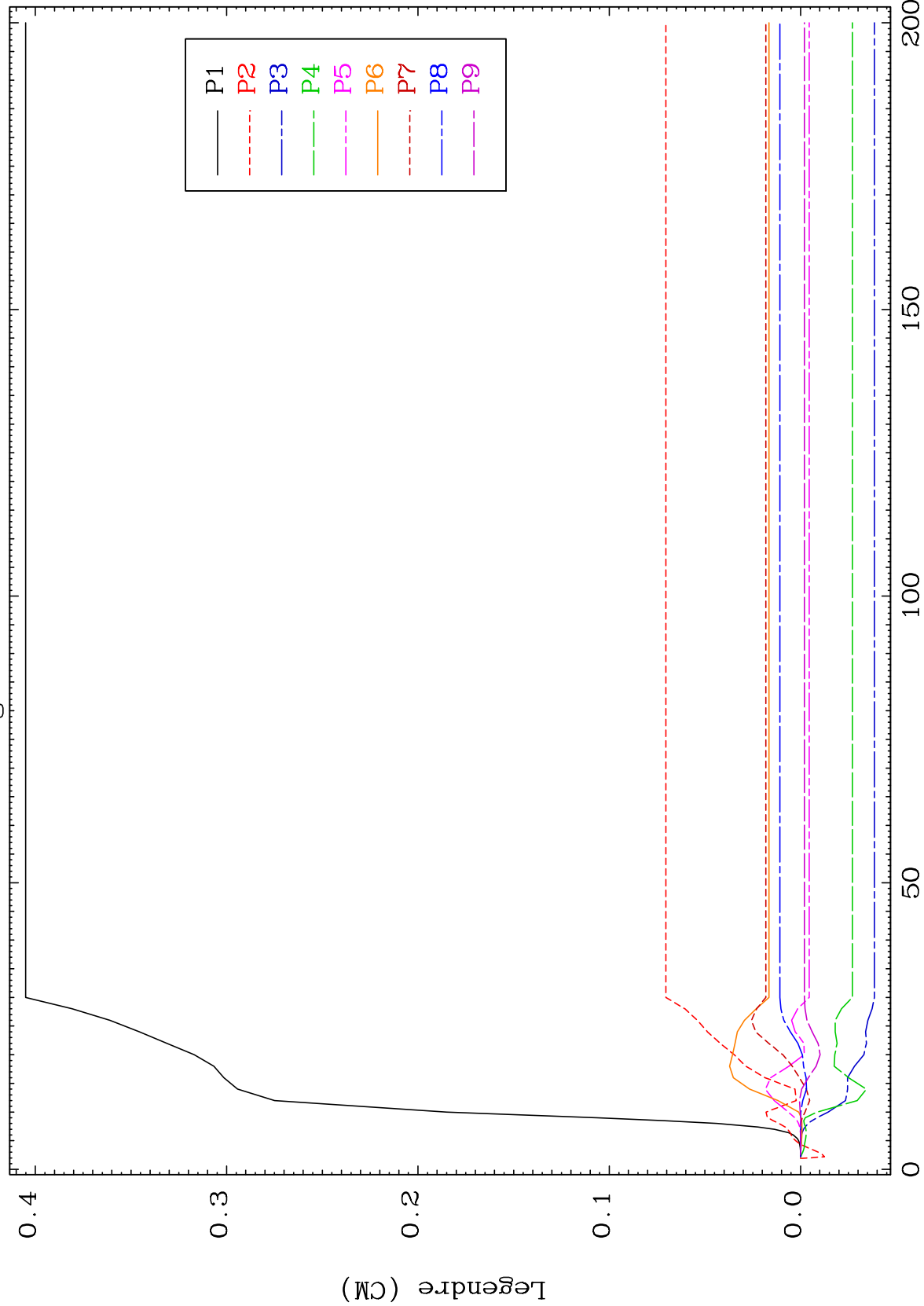




MAT 4713

1.880 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



116

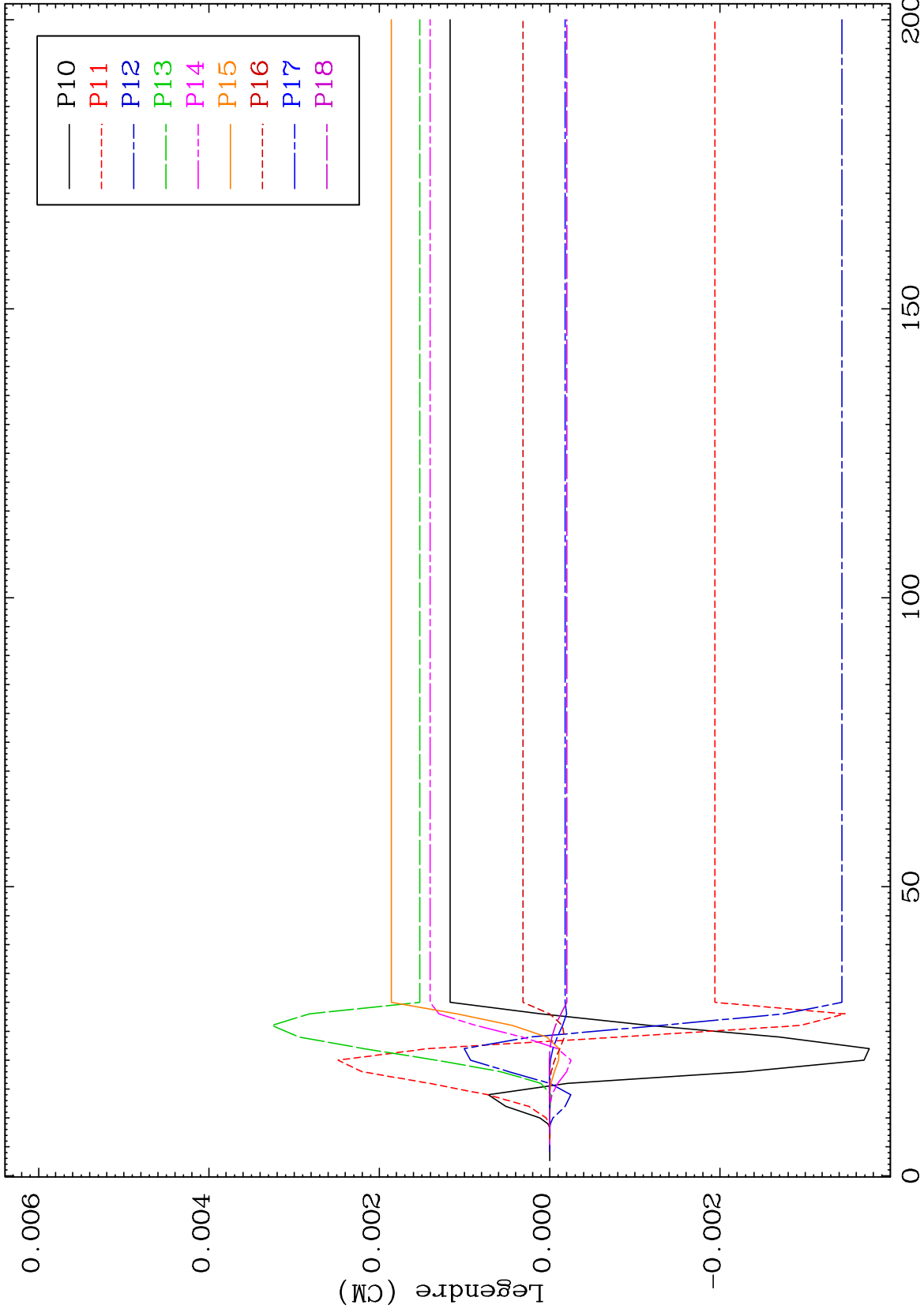
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.880 MeV (n,n') Level
Legendre Coefficients

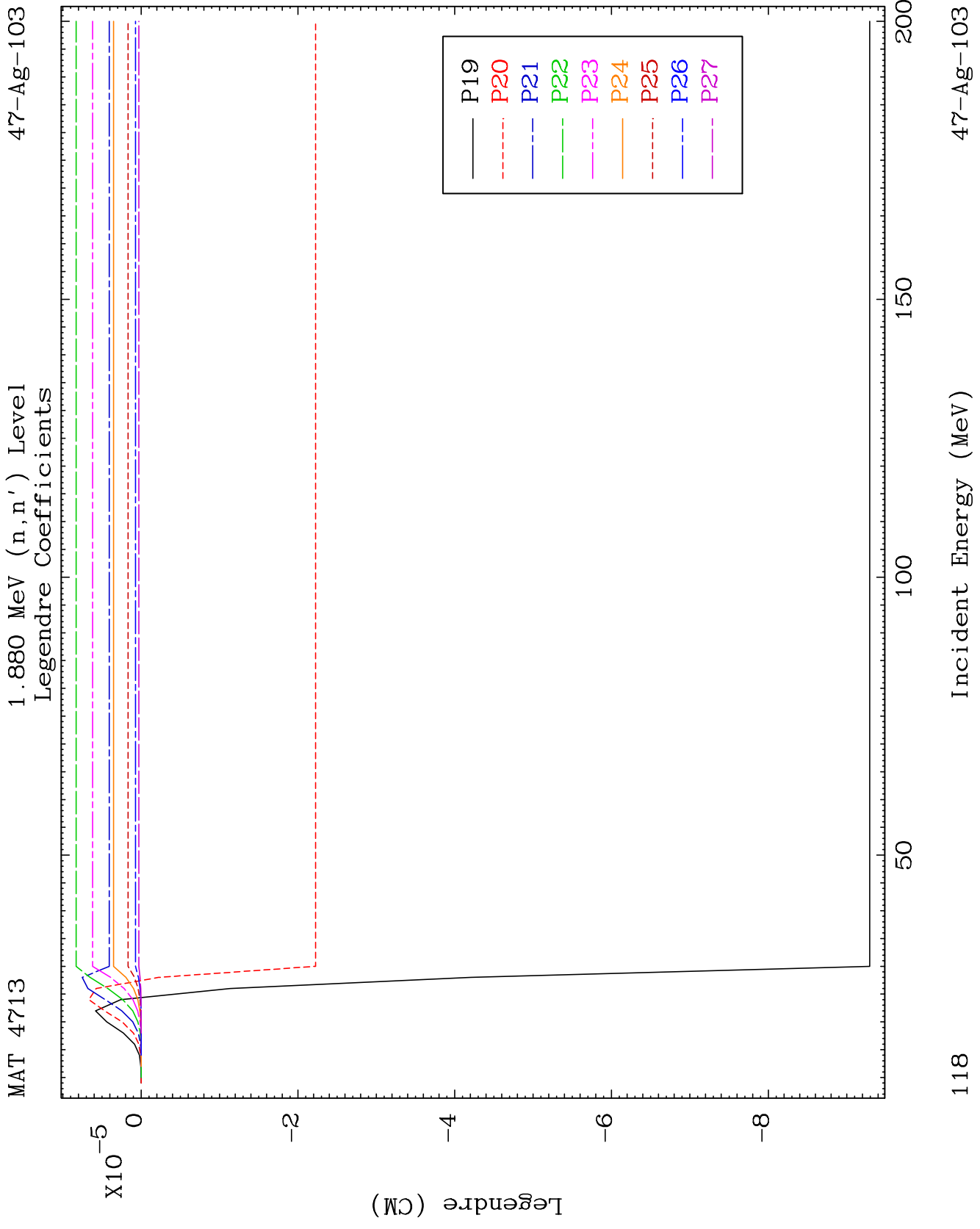
47-Ag-103



117

Incident Energy (MeV)

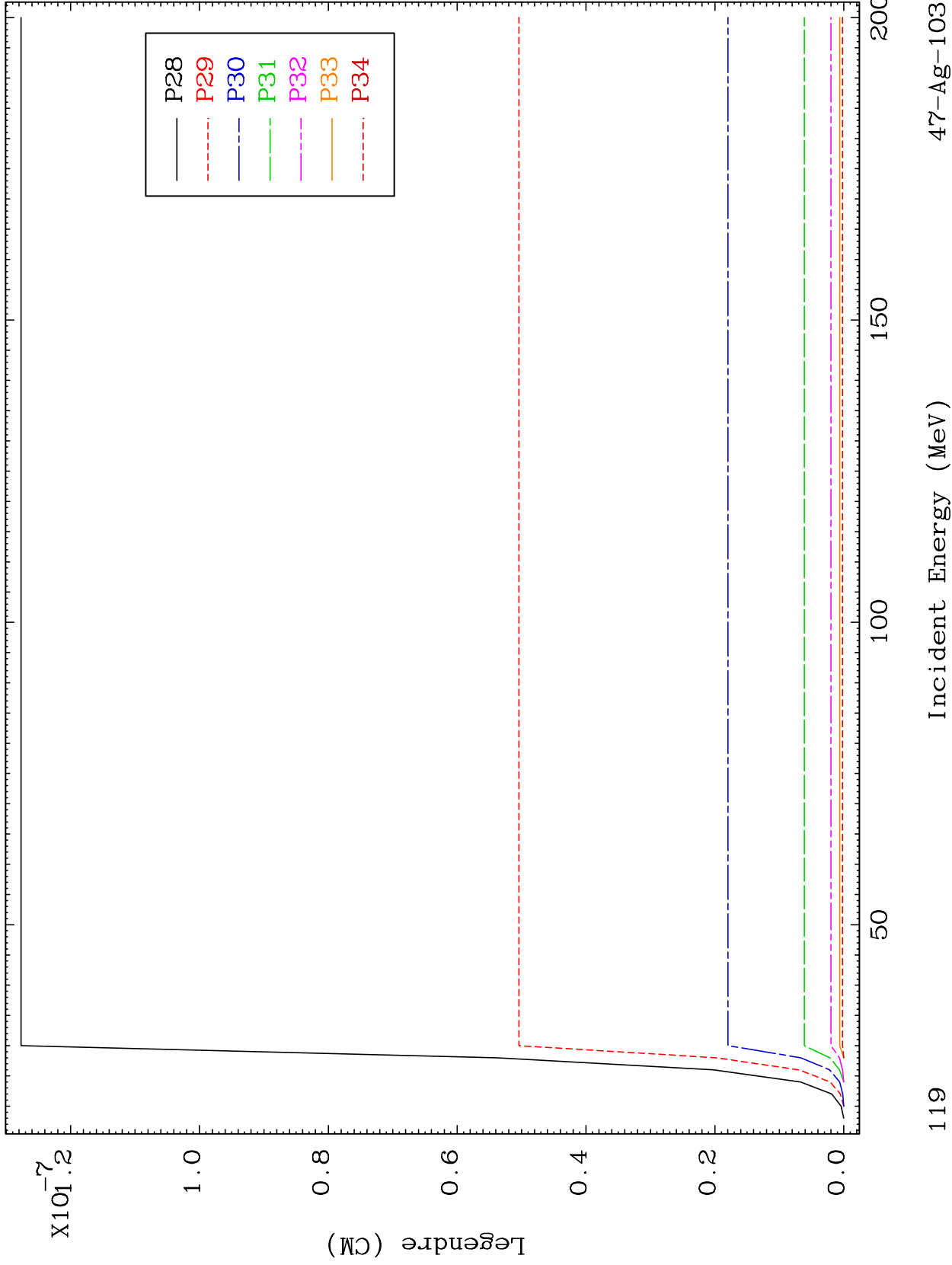
47-Ag-103



MAT 4713

1.880 MeV (n,n') Level
Legendre Coefficients

47-Ag-103

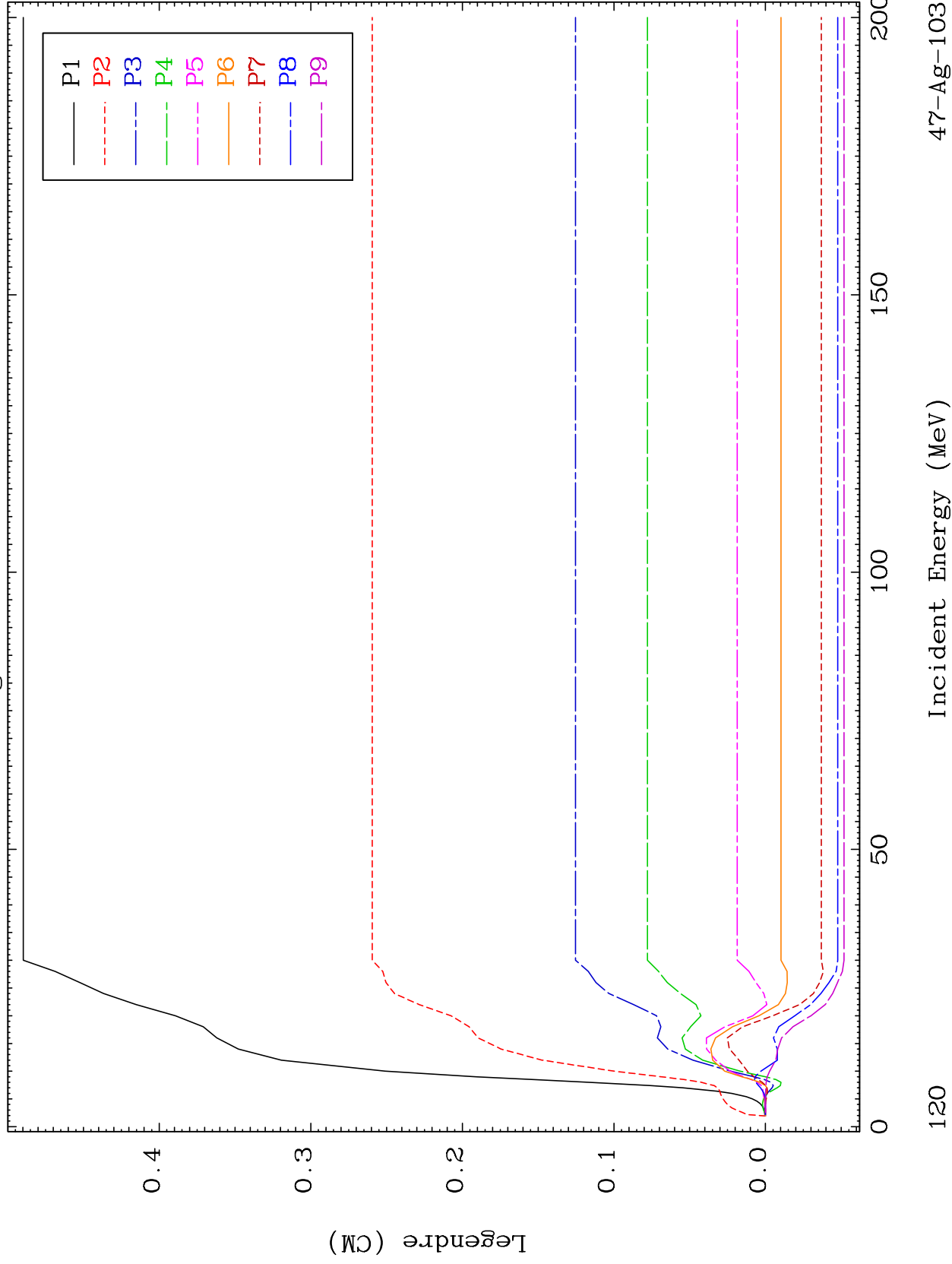


119

MAT 4713

1.901 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



47-Ag-103

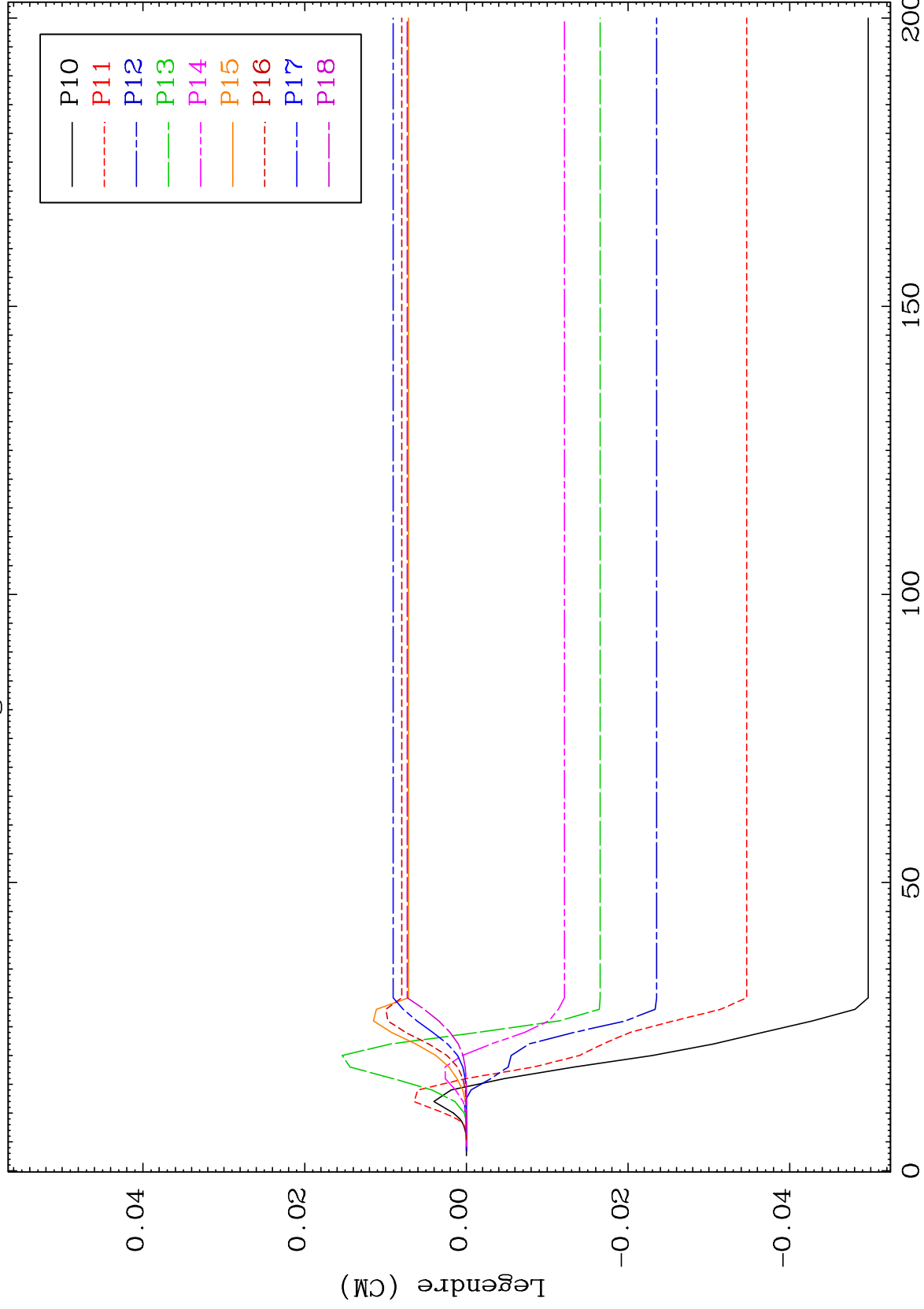
Incident Energy (MeV)

120

MAT 4713

1.901 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



121

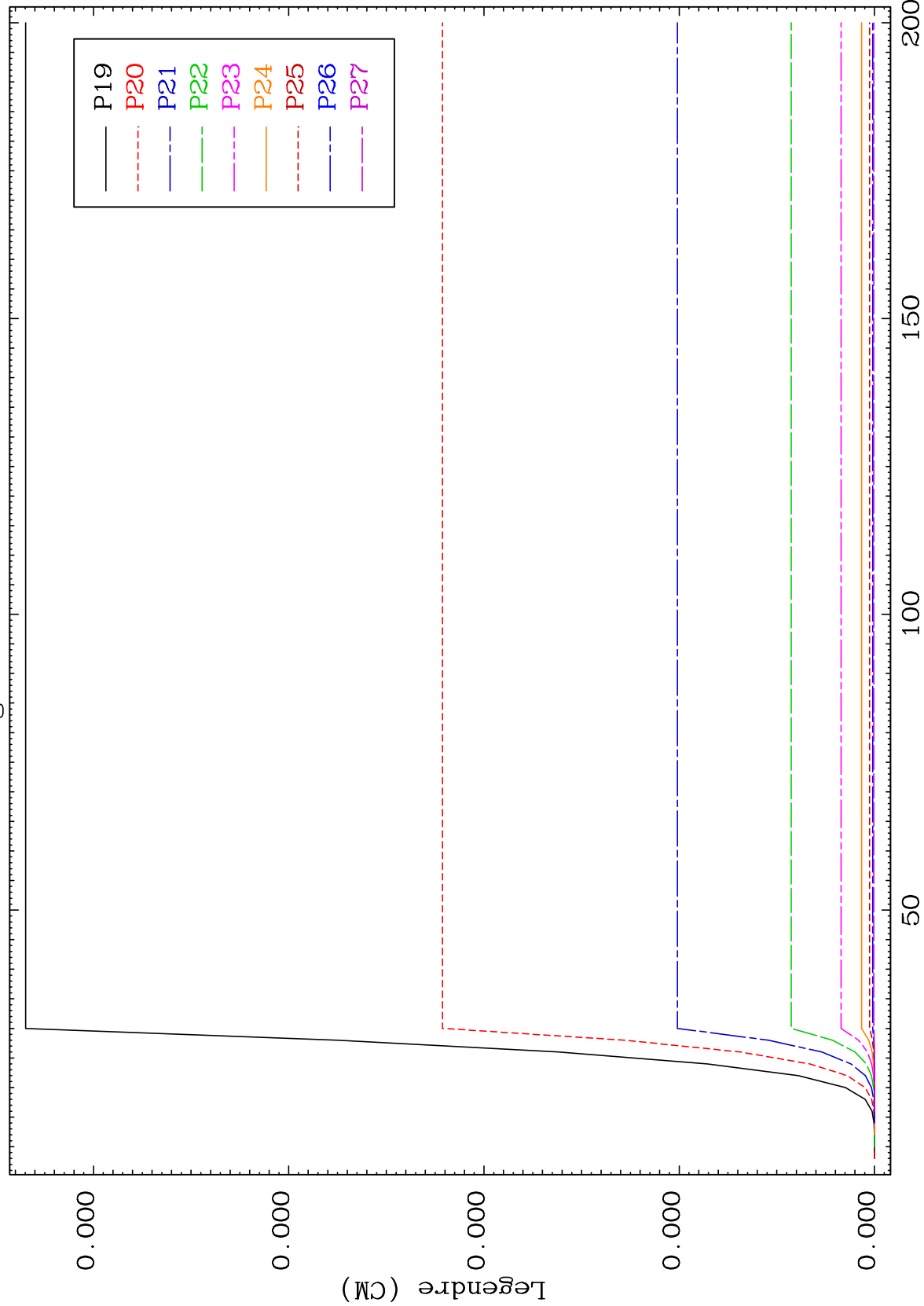
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.901 MeV (n, n') Level
Legendre Coefficients

47-Ag-103



122

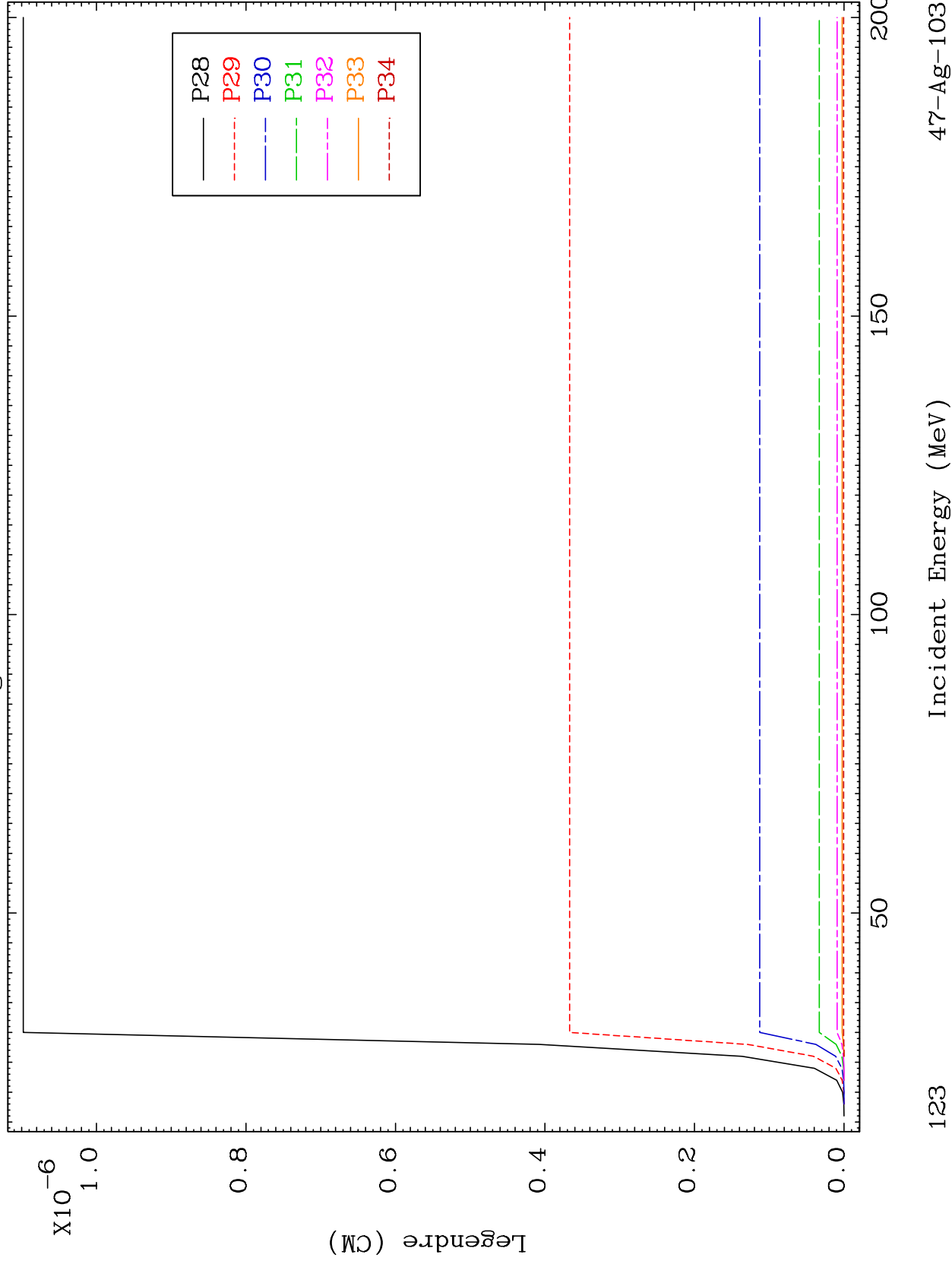
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.901 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



123

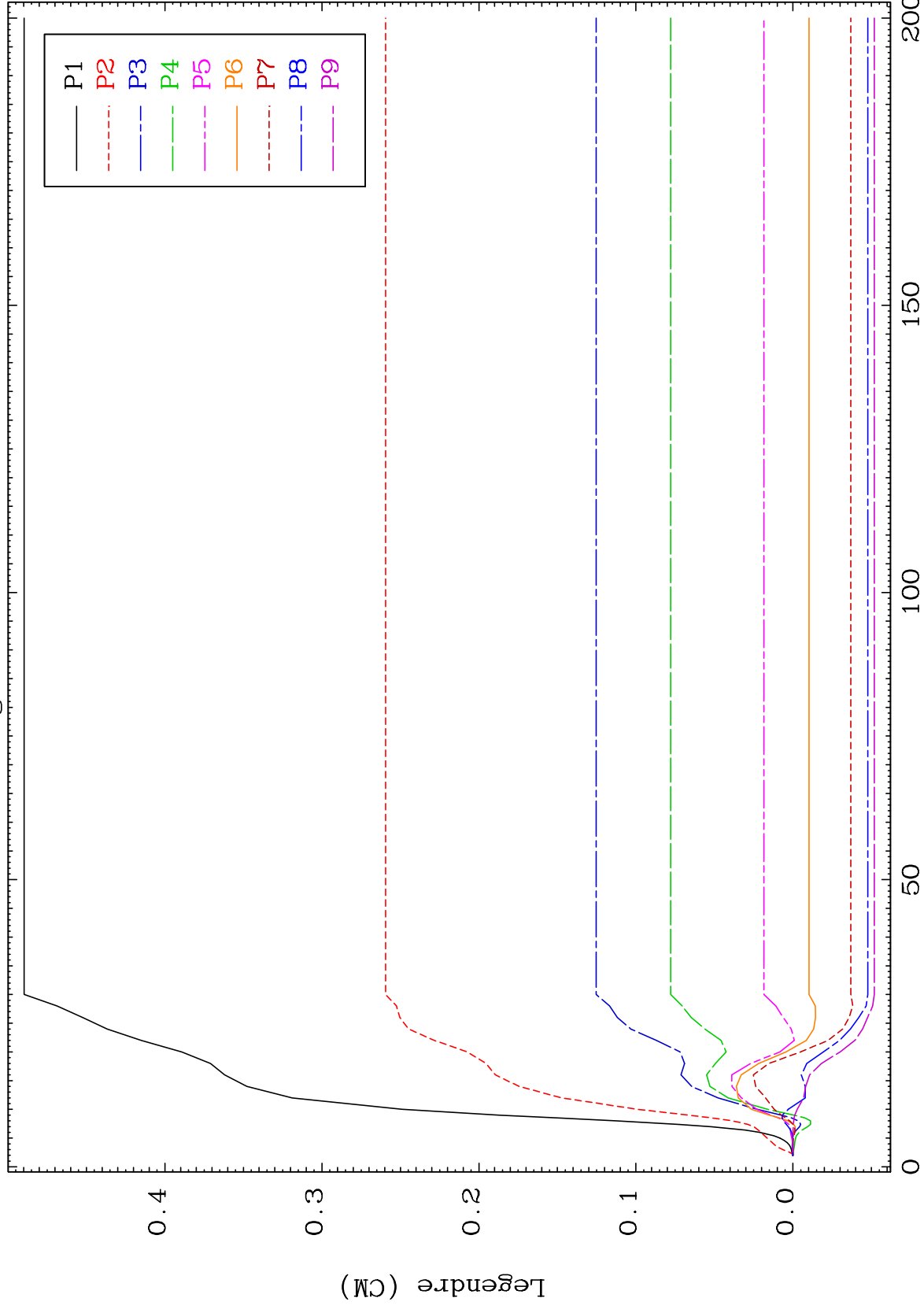
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.907 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



124

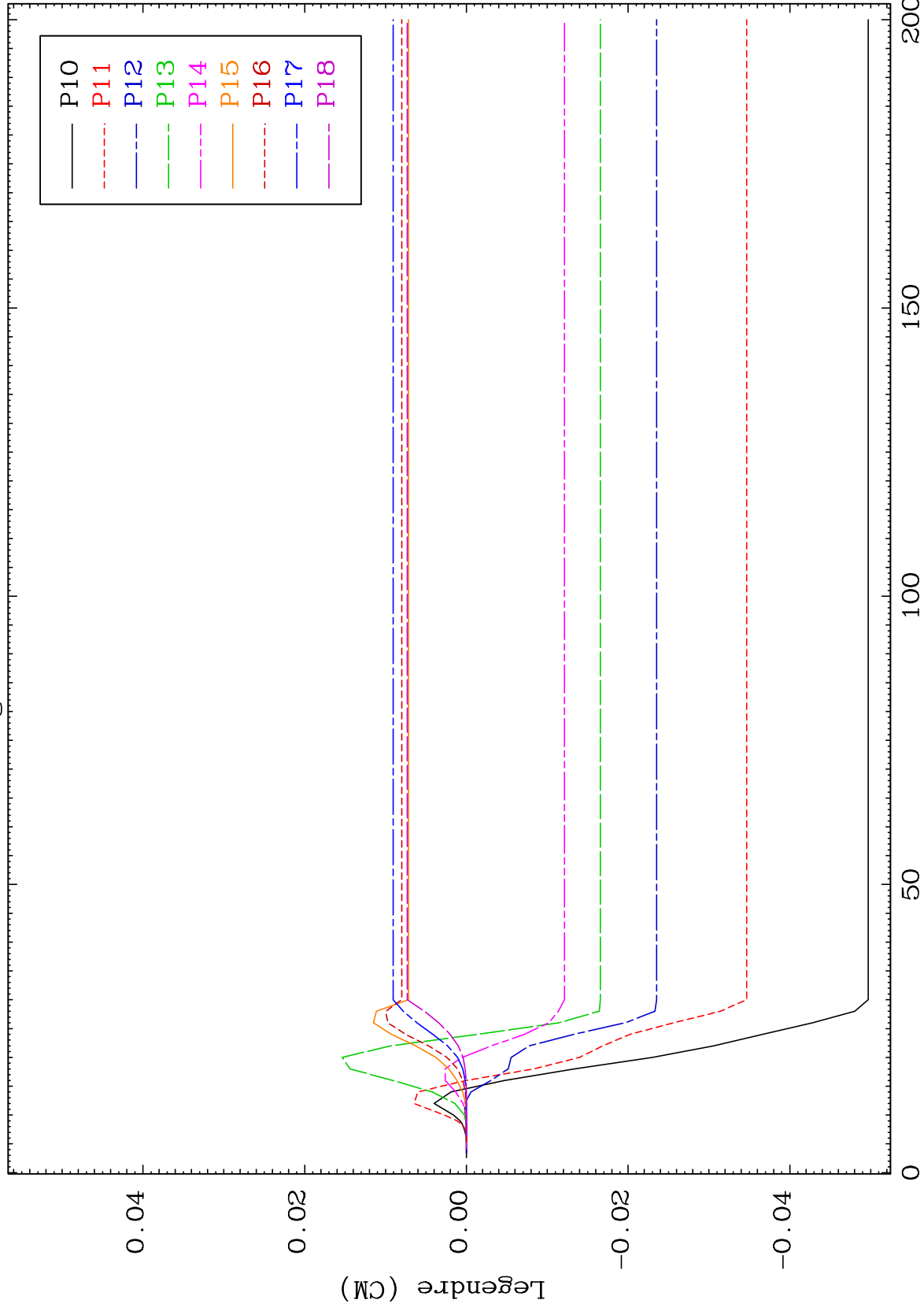
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.907 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



125

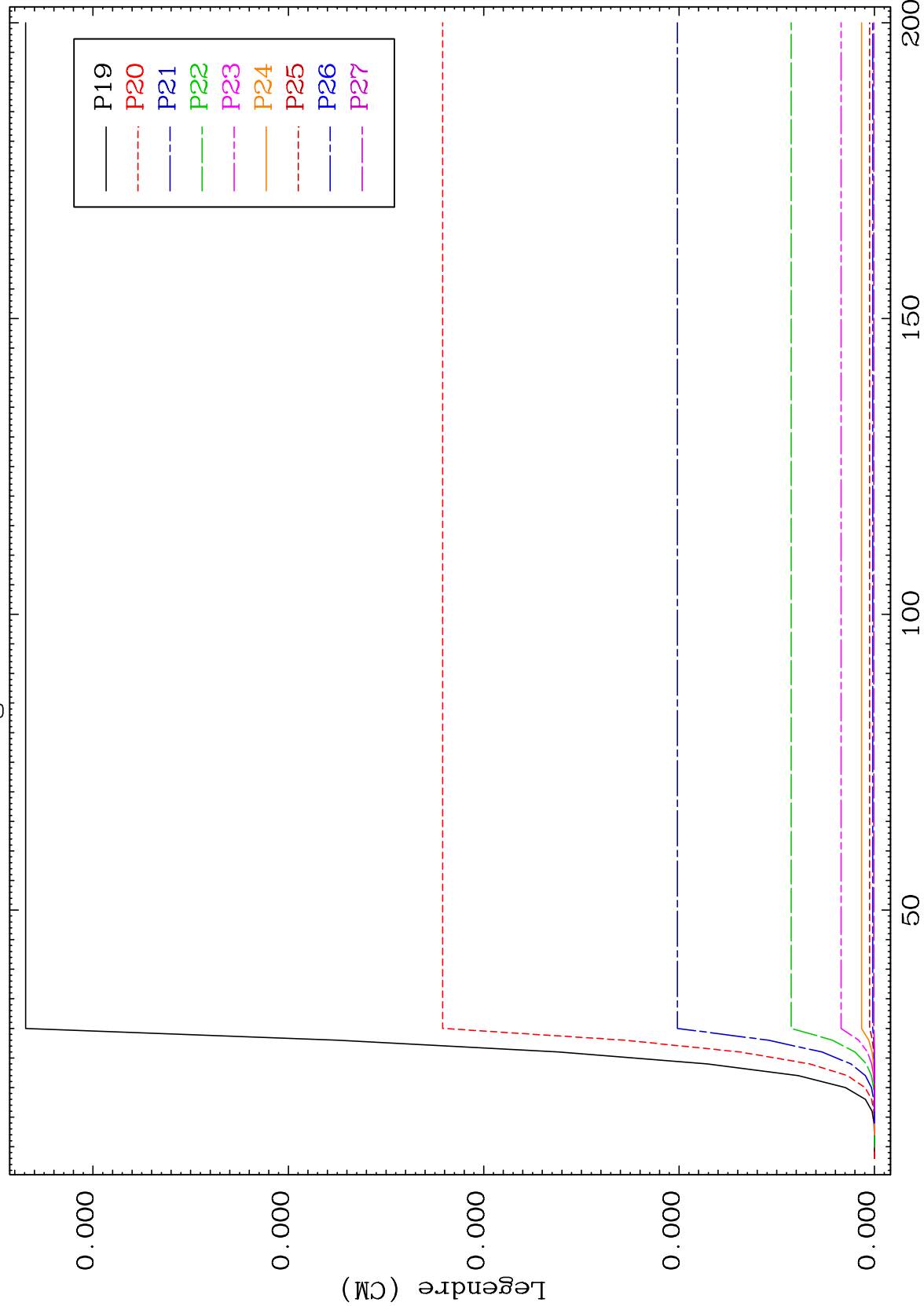
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.907 MeV (n, n') Level
Legendre Coefficients

47-Ag-103



126

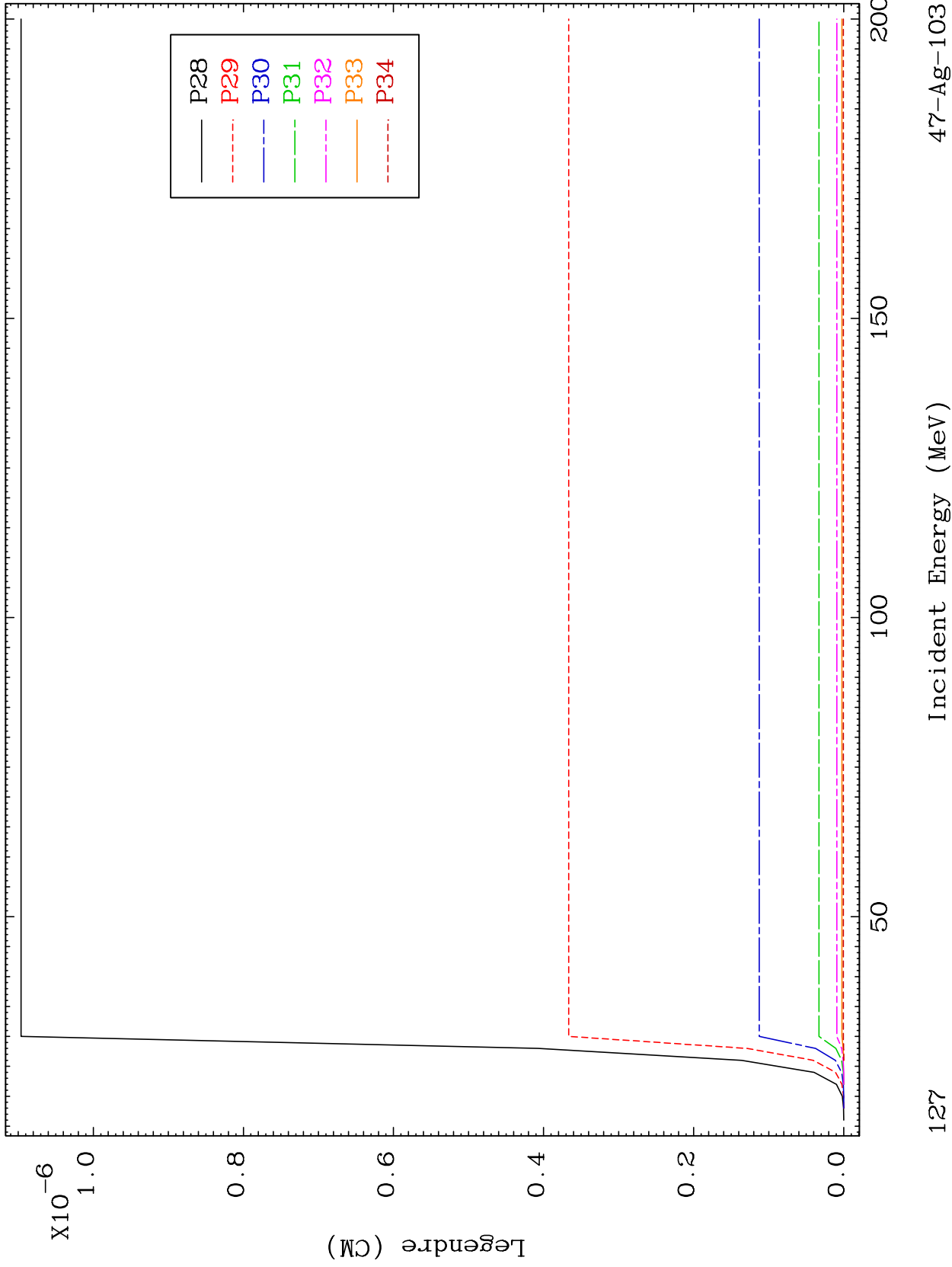
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.907 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



127

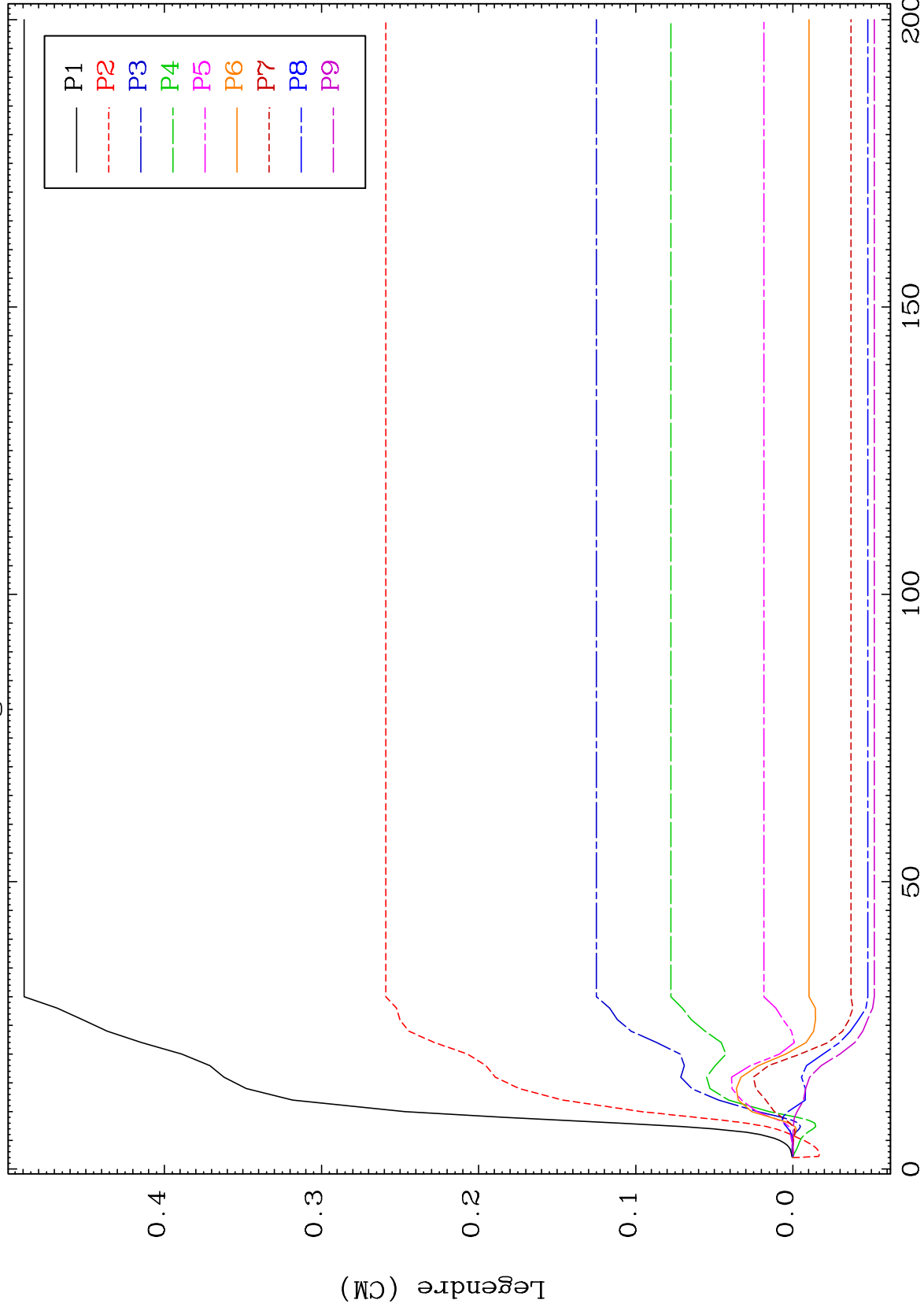
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.958 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



128

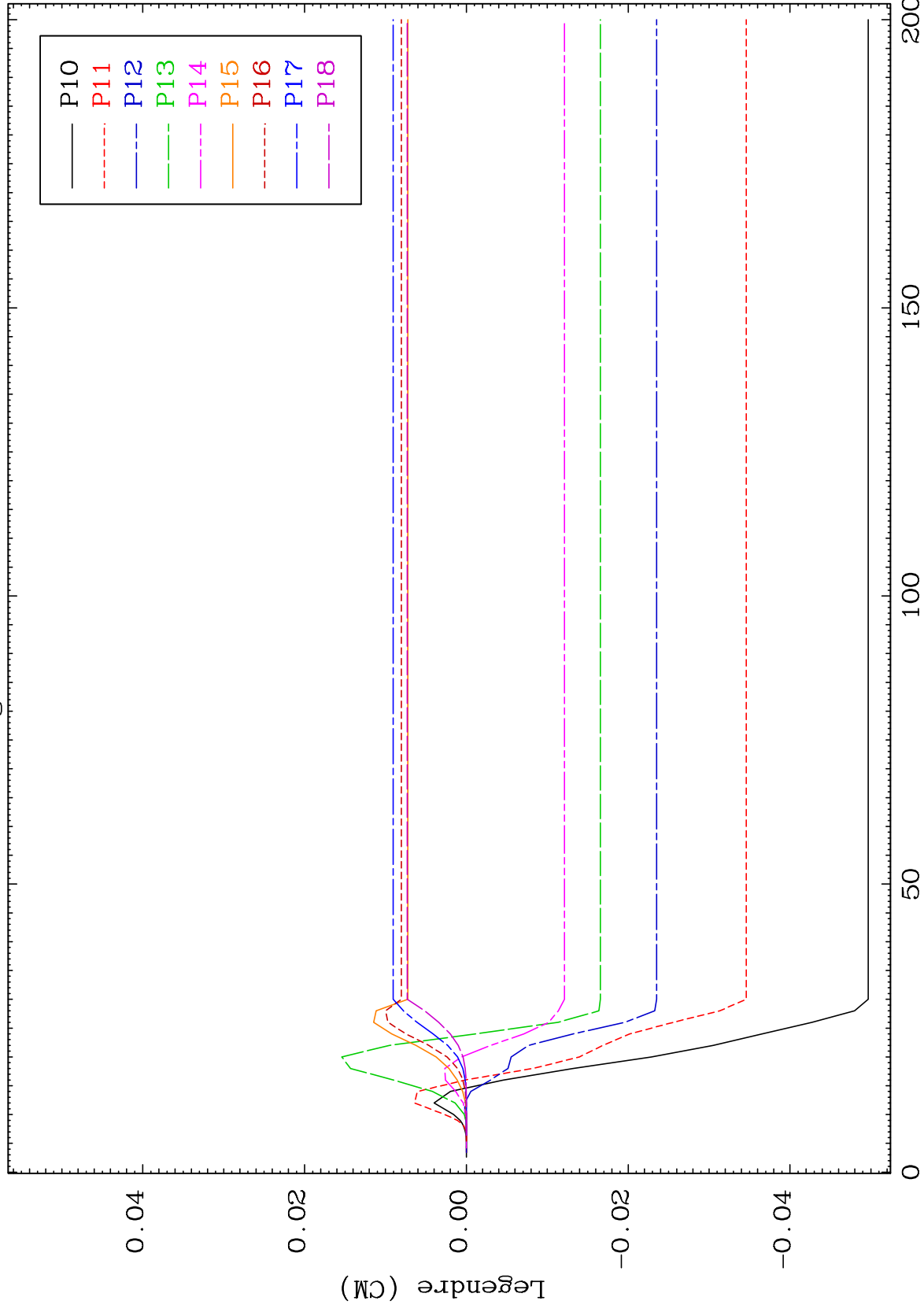
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.958 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



129

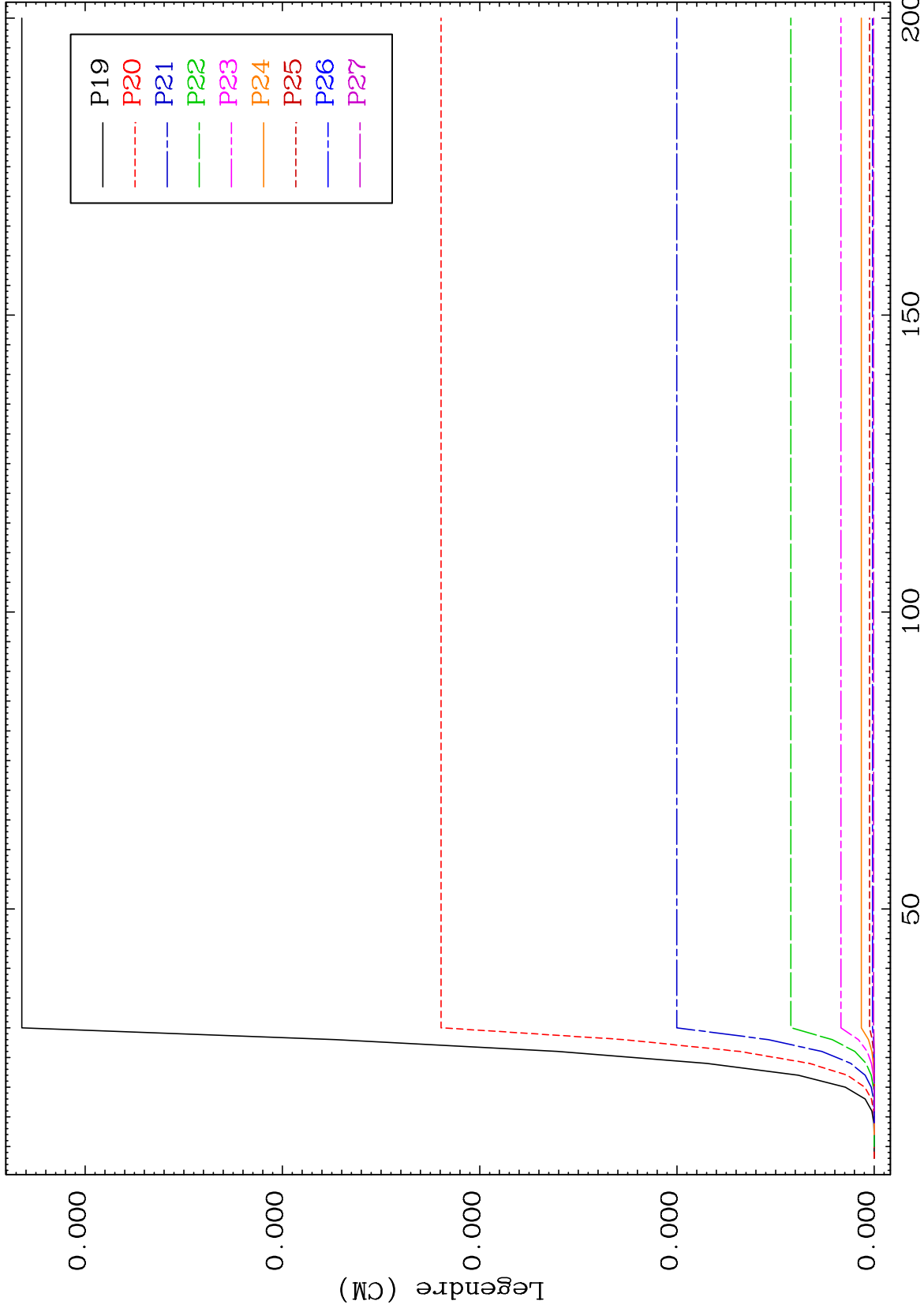
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.958 MeV (n, n') Level
Legendre Coefficients

47-Ag-103



130

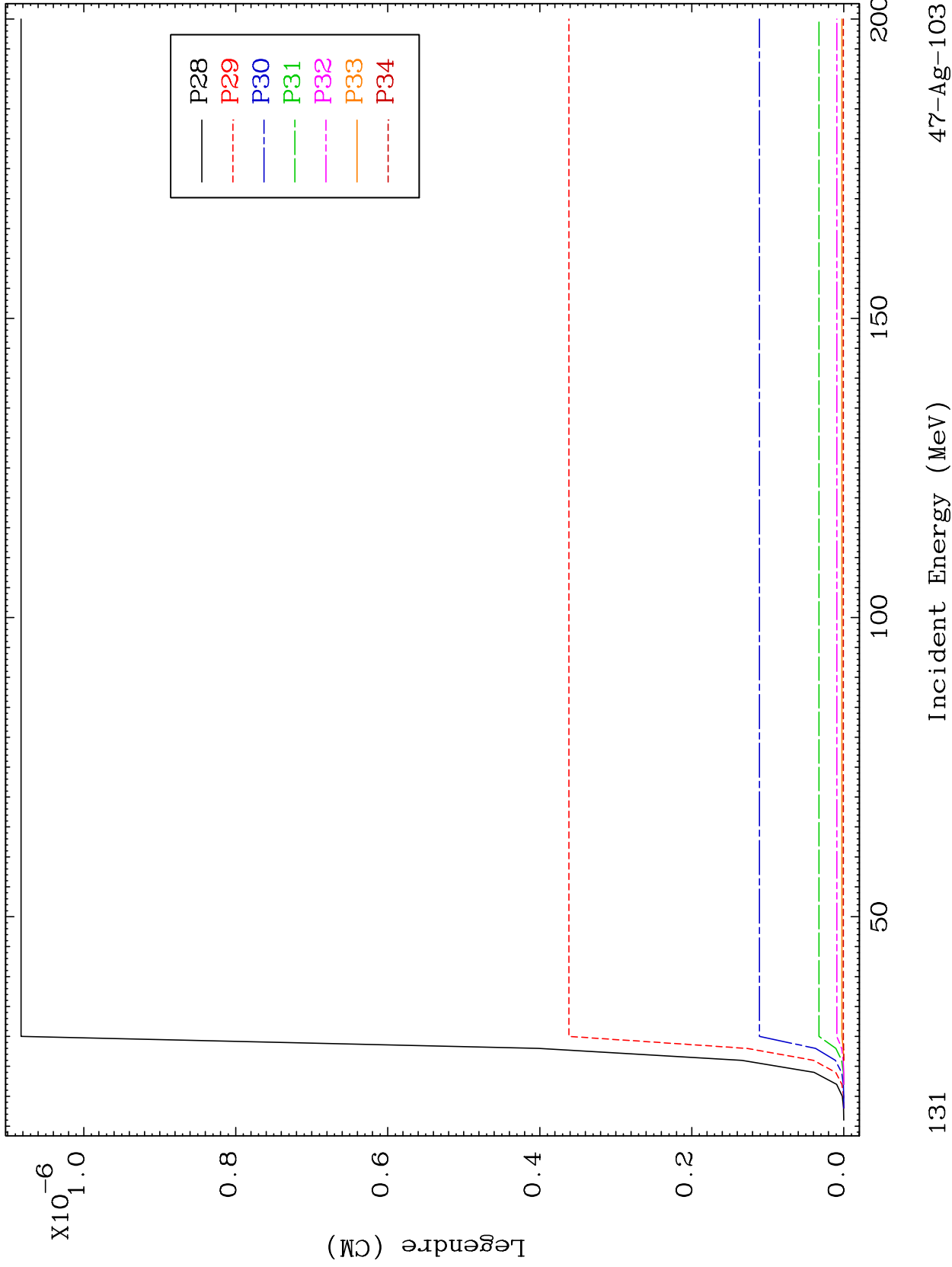
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.958 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



131

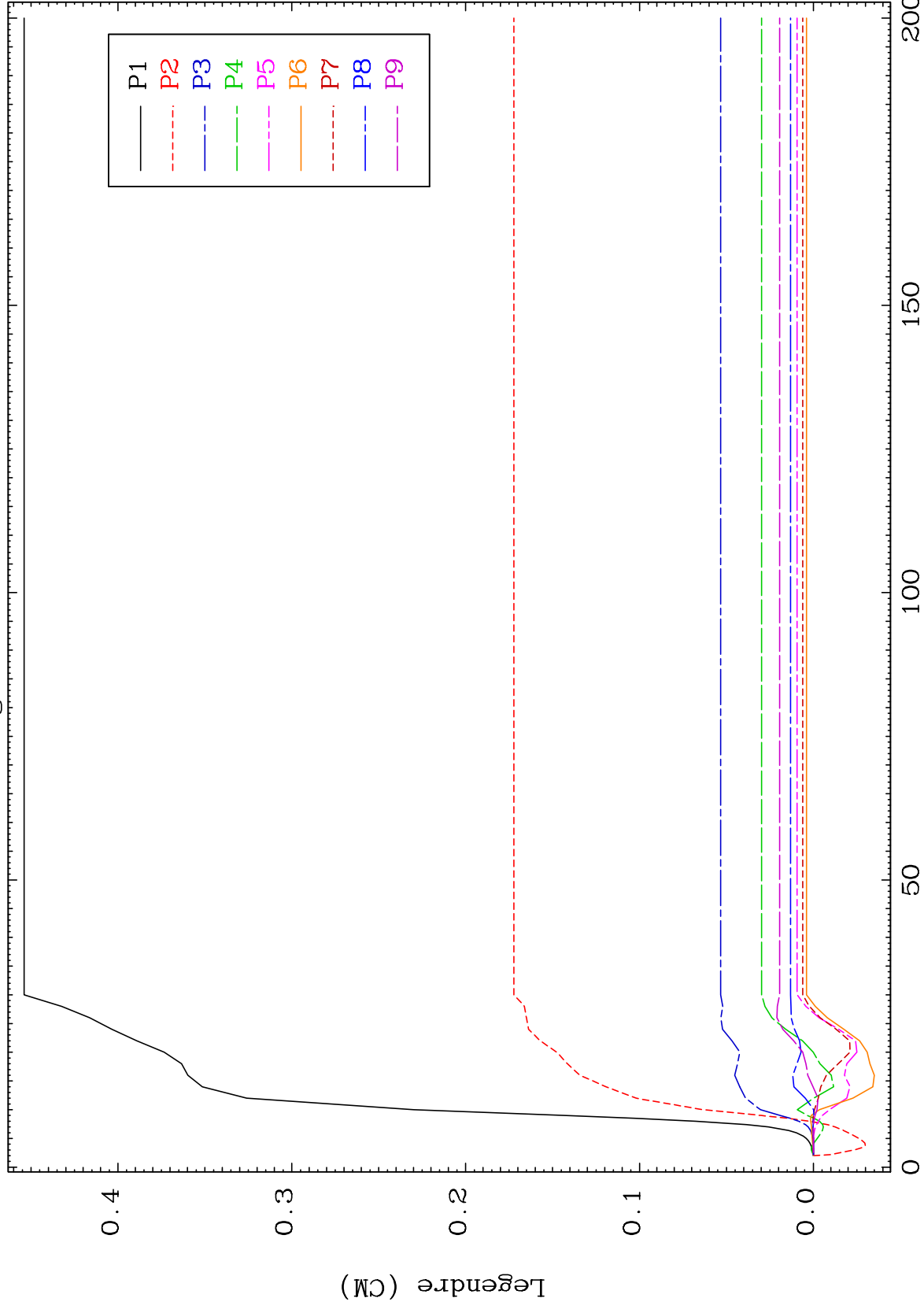
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.969 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



132

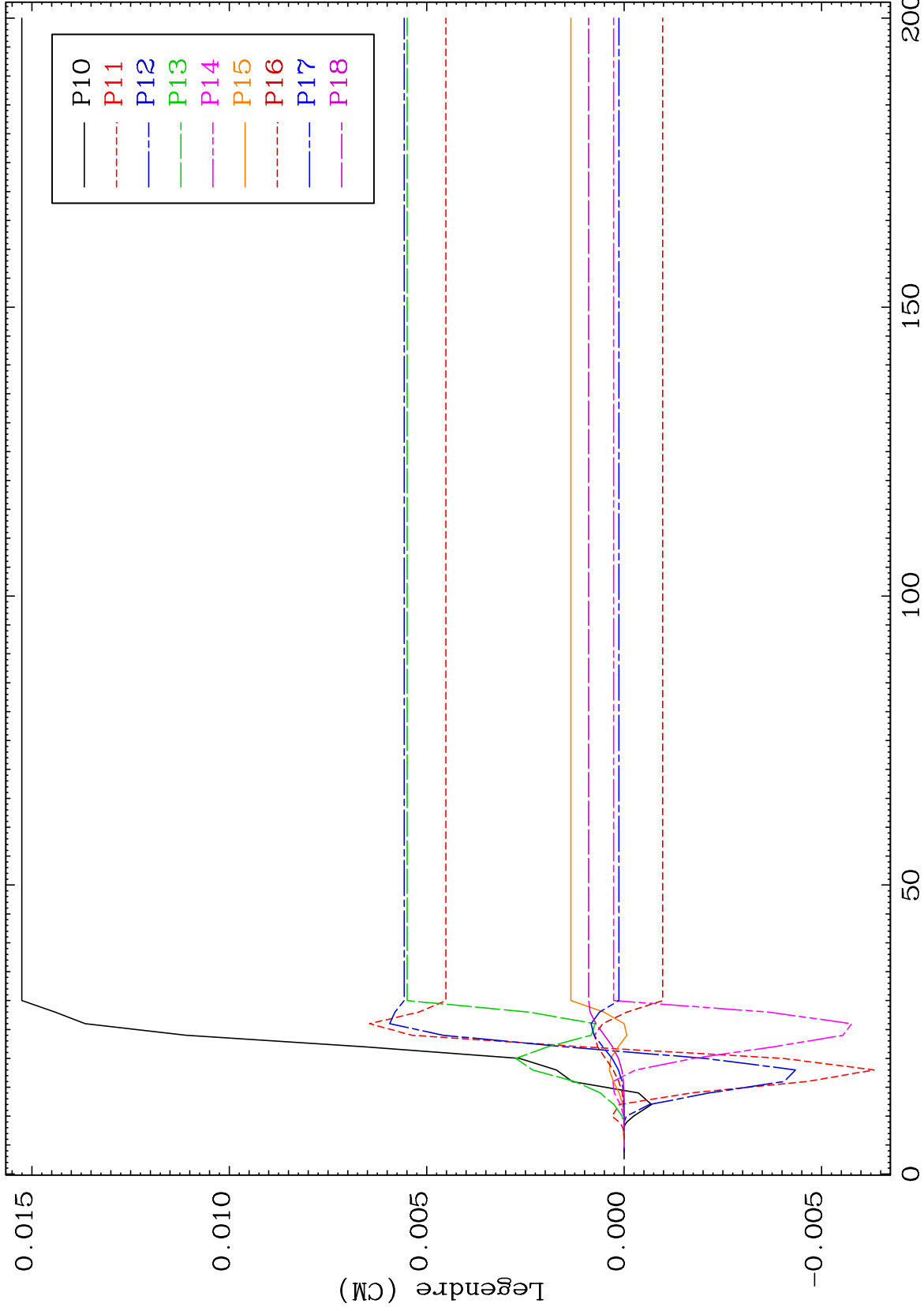
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.969 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



133

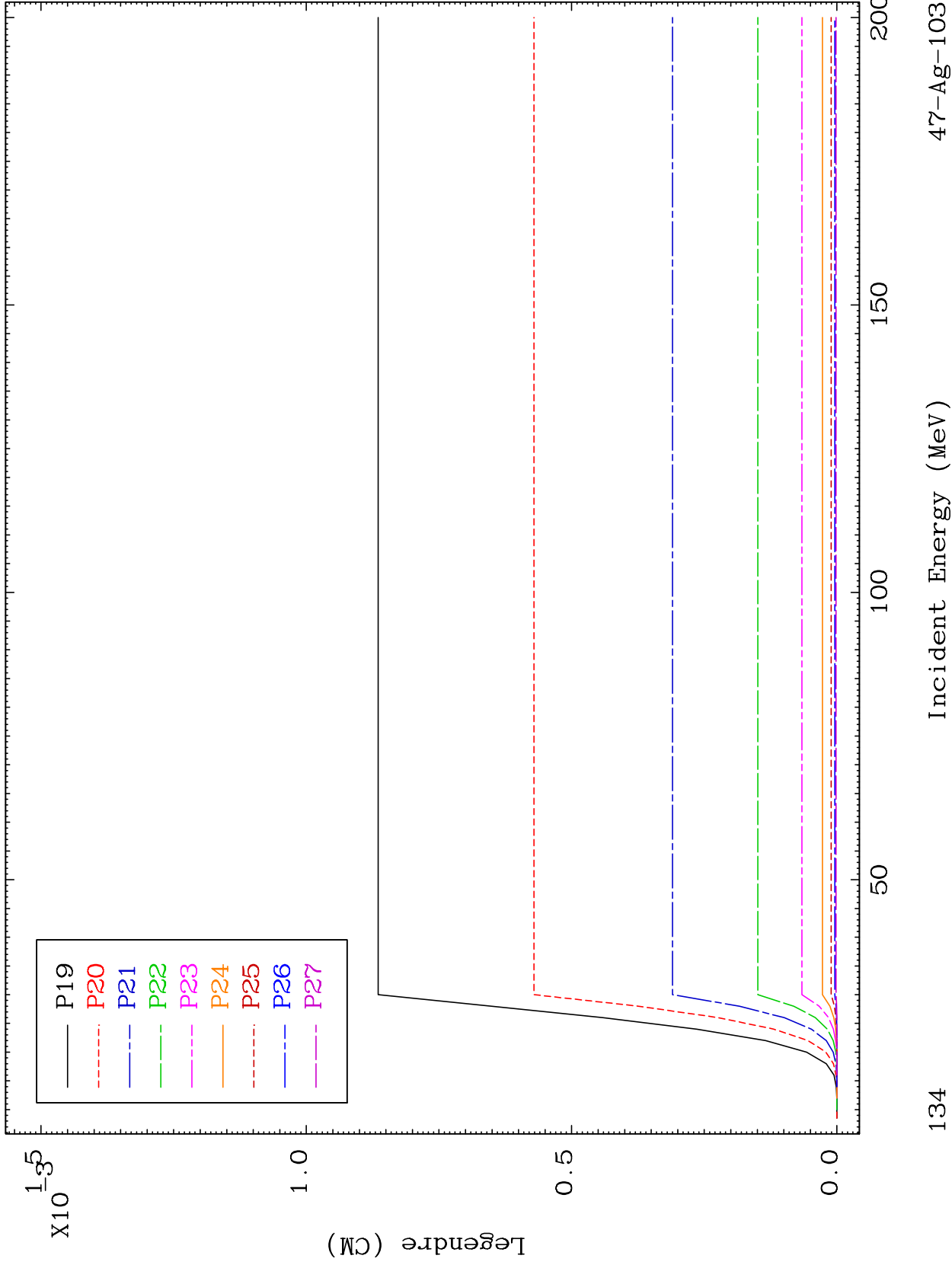
Incident Energy (MeV)

47-Ag-103

MAT 4713

1.969 MeV (n,n') Level
Legendre Coefficients

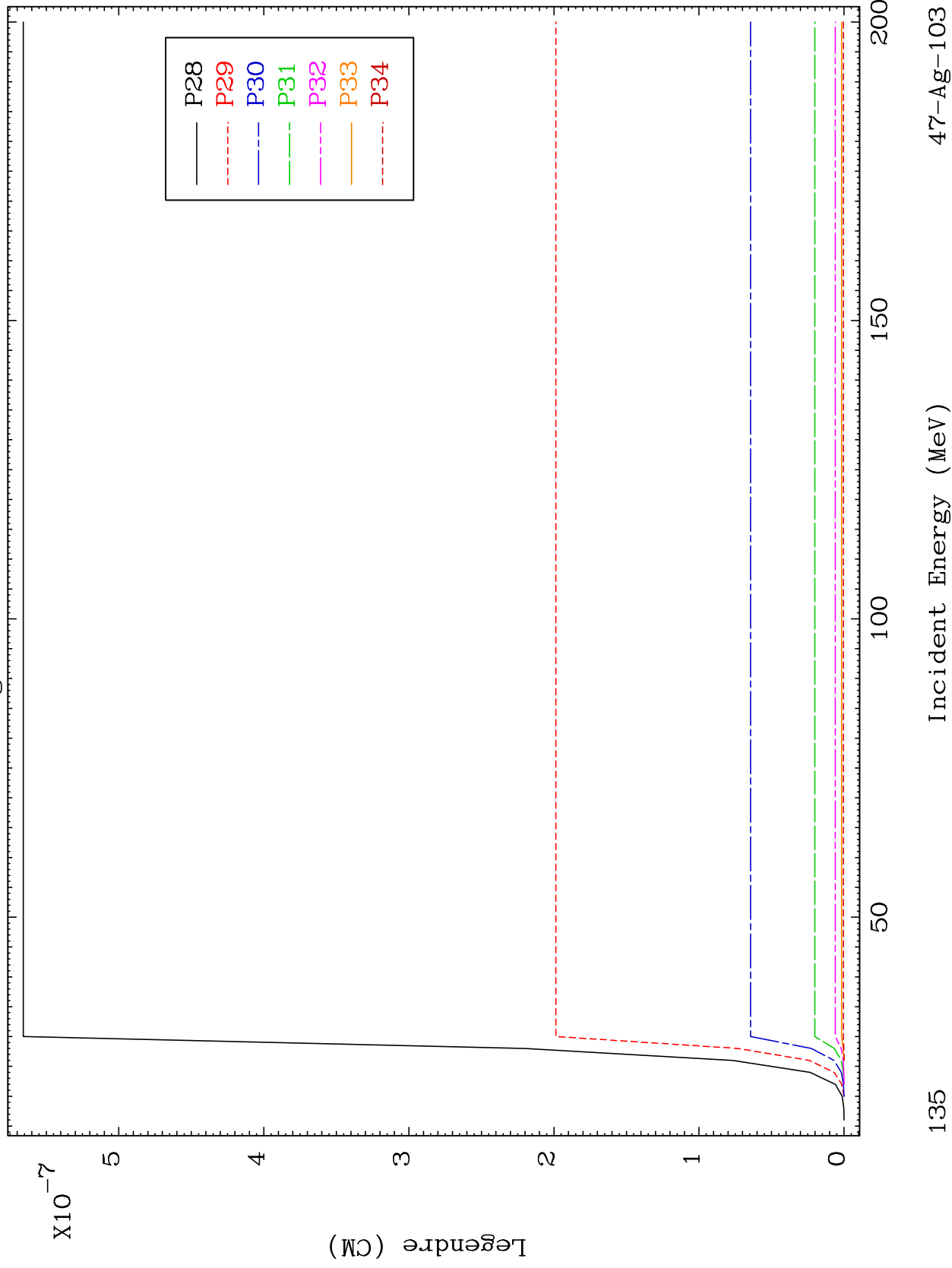
47-Ag-103



MAT 4713

1.969 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



135

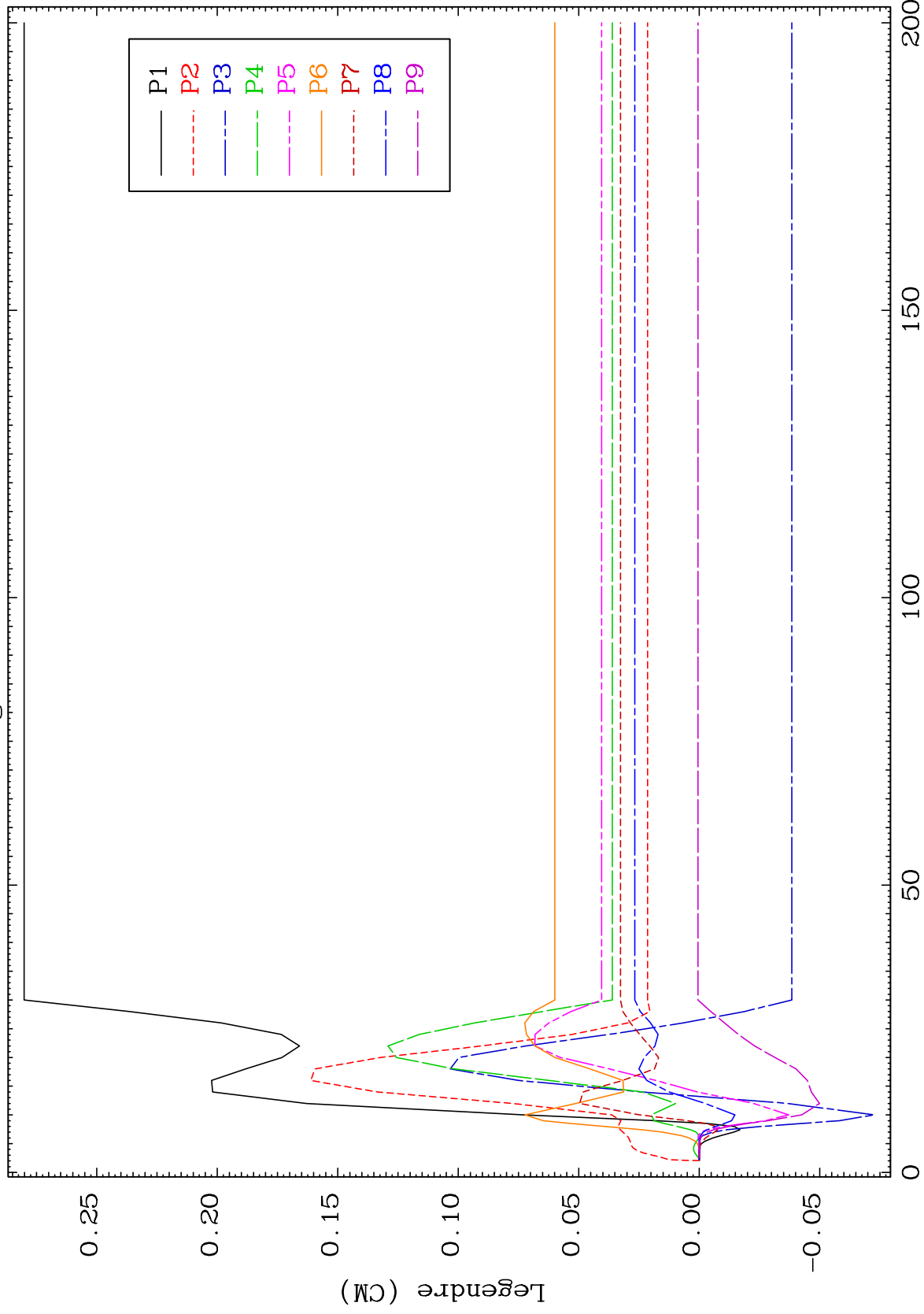
Incident Energy (MeV)

47-Ag-103

MAT 4713

2.012 MeV (n,n') Level
Legendre Coefficients

47-Ag-103



136

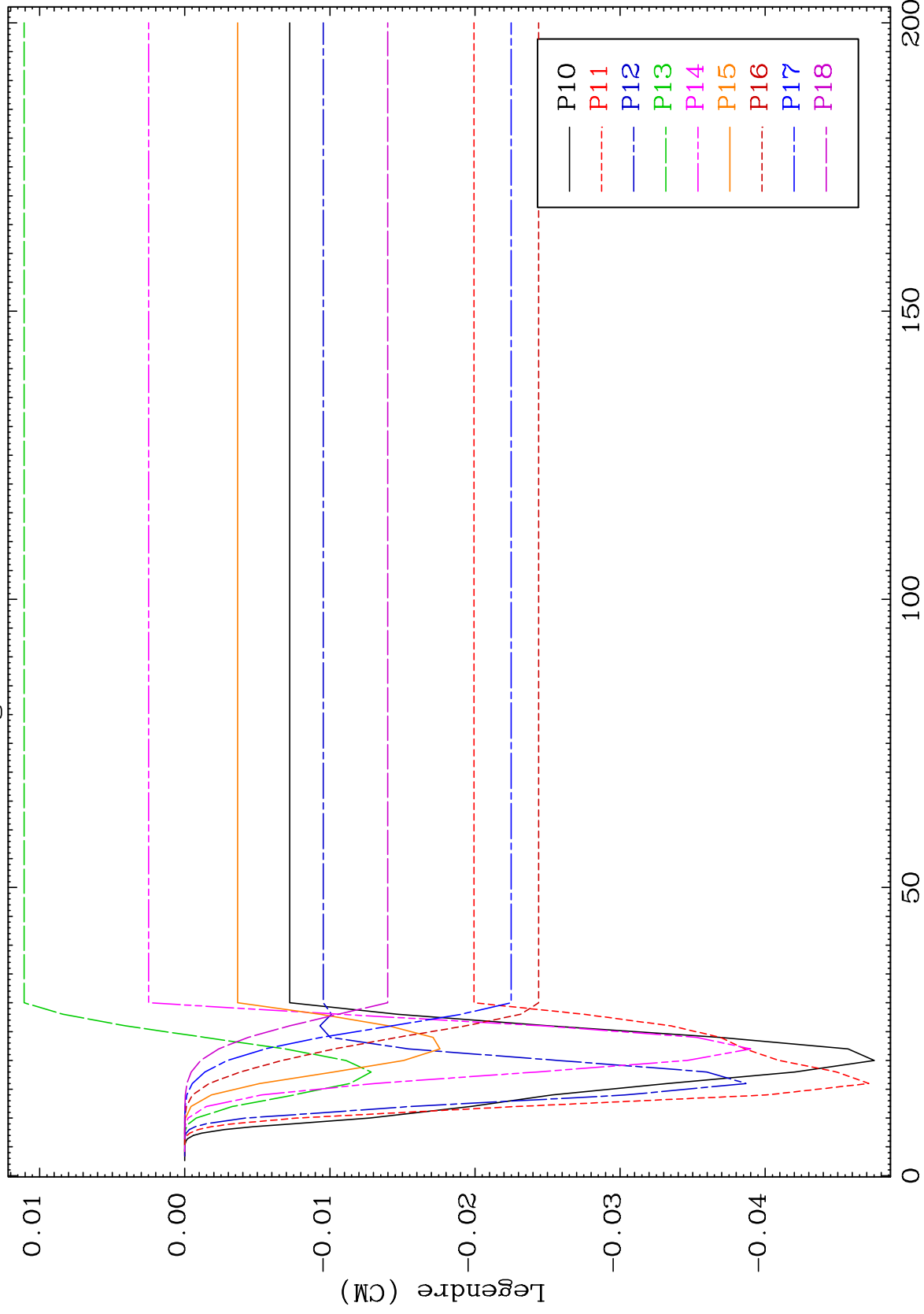
Incident Energy (MeV)

47-Ag-103

MAT 4713

2.012 MeV (n, n') Level
Legendre Coefficients

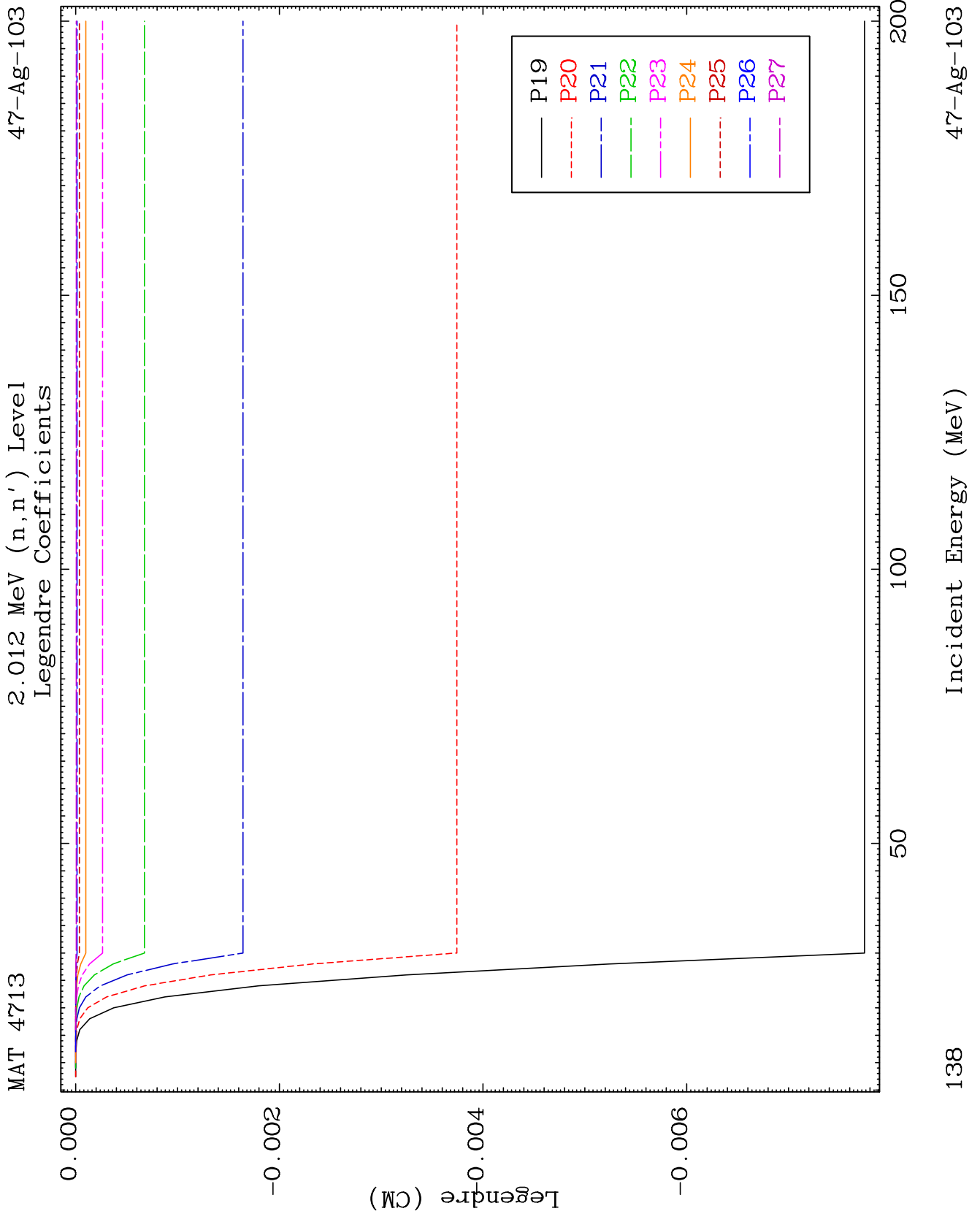
47-Ag-103

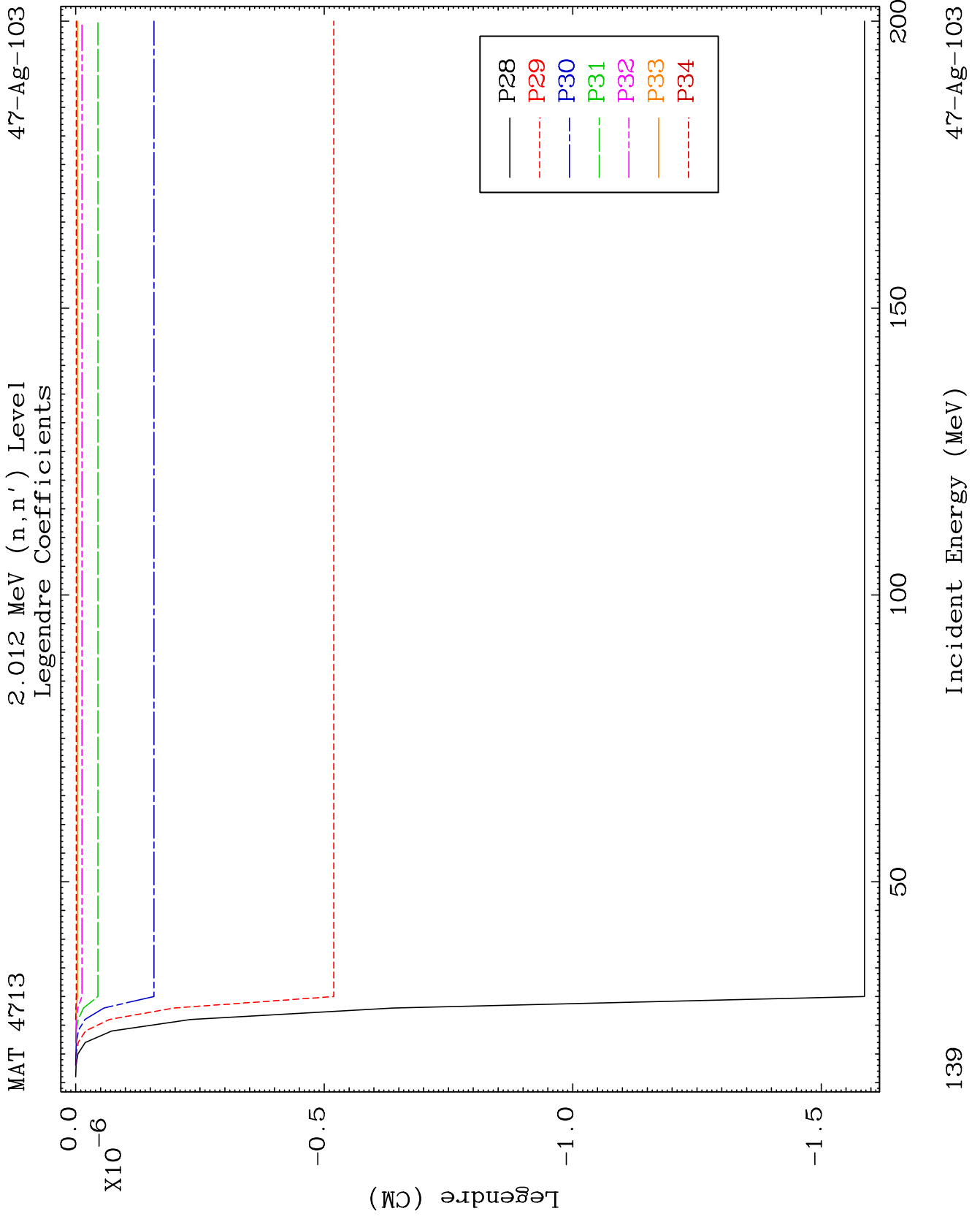


137

Incident Energy (MeV)

47-Ag-103

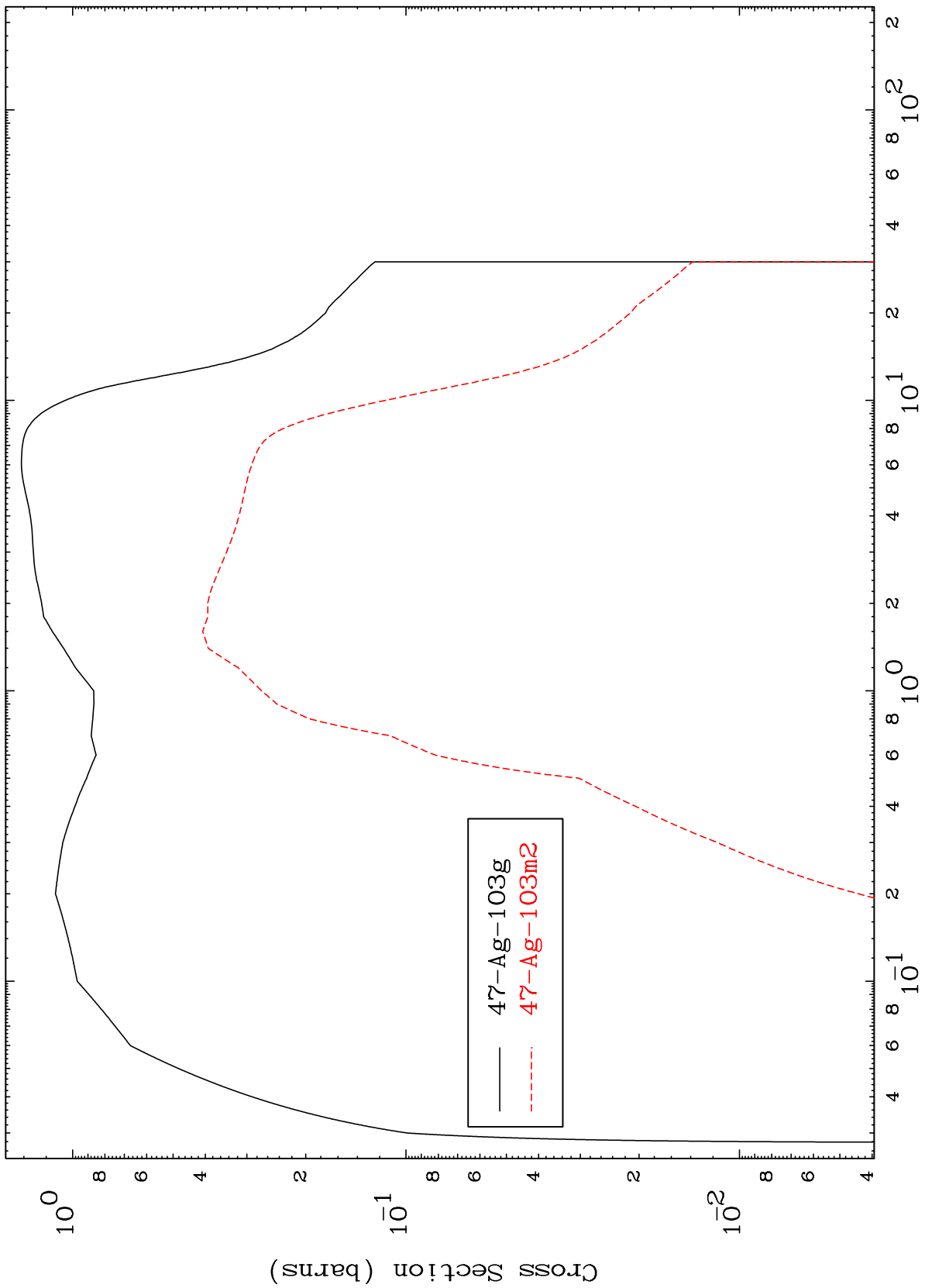




MAT 4713

47-Ag-103

Inelastic
Radionuclide Production Cross Section



140

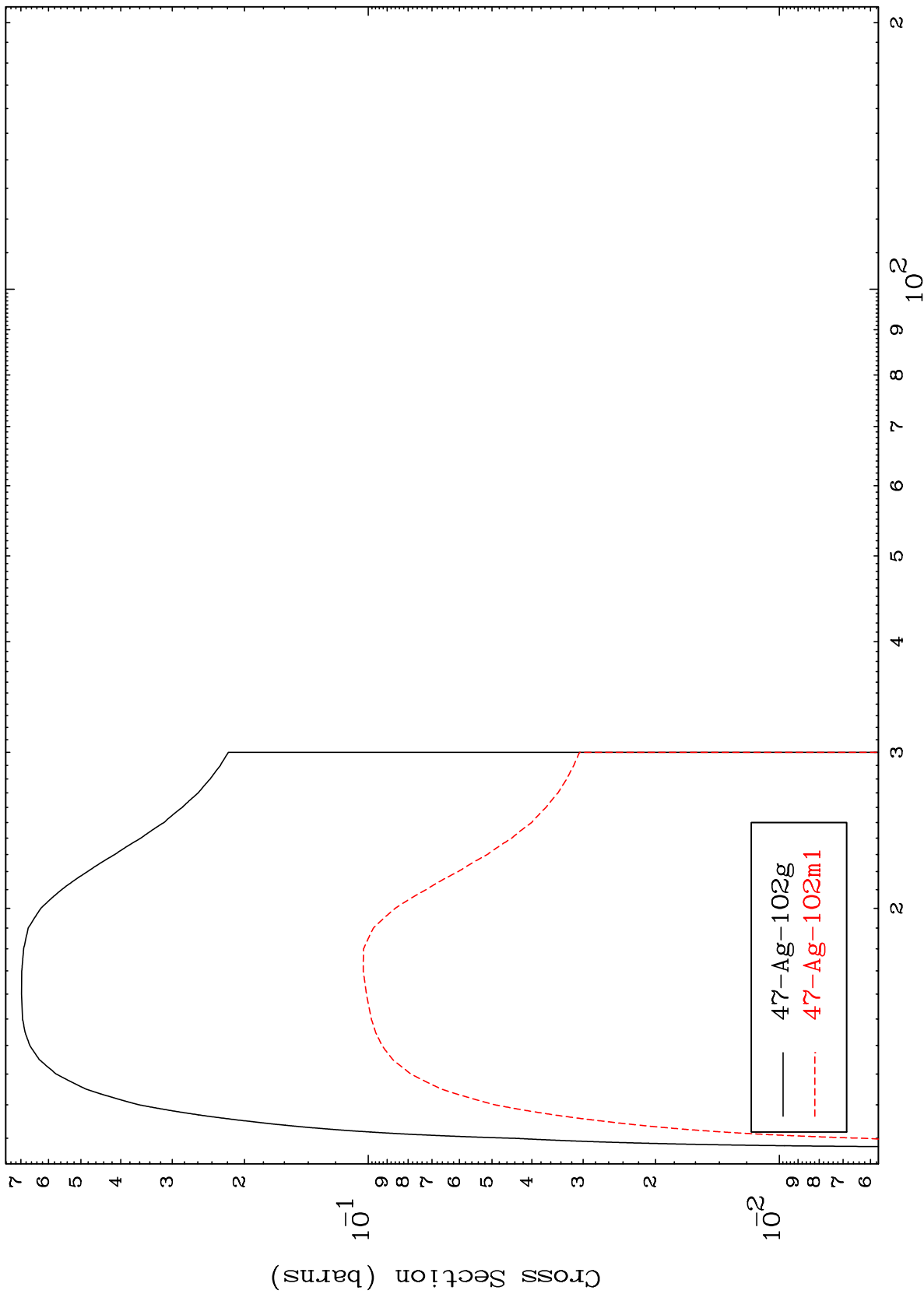
47-Ag-103

Incident Energy (MeV)

MAT 4713

47-Ag-103

(n,2n)
Radionuclide Production Cross Section



141

47-Ag-103

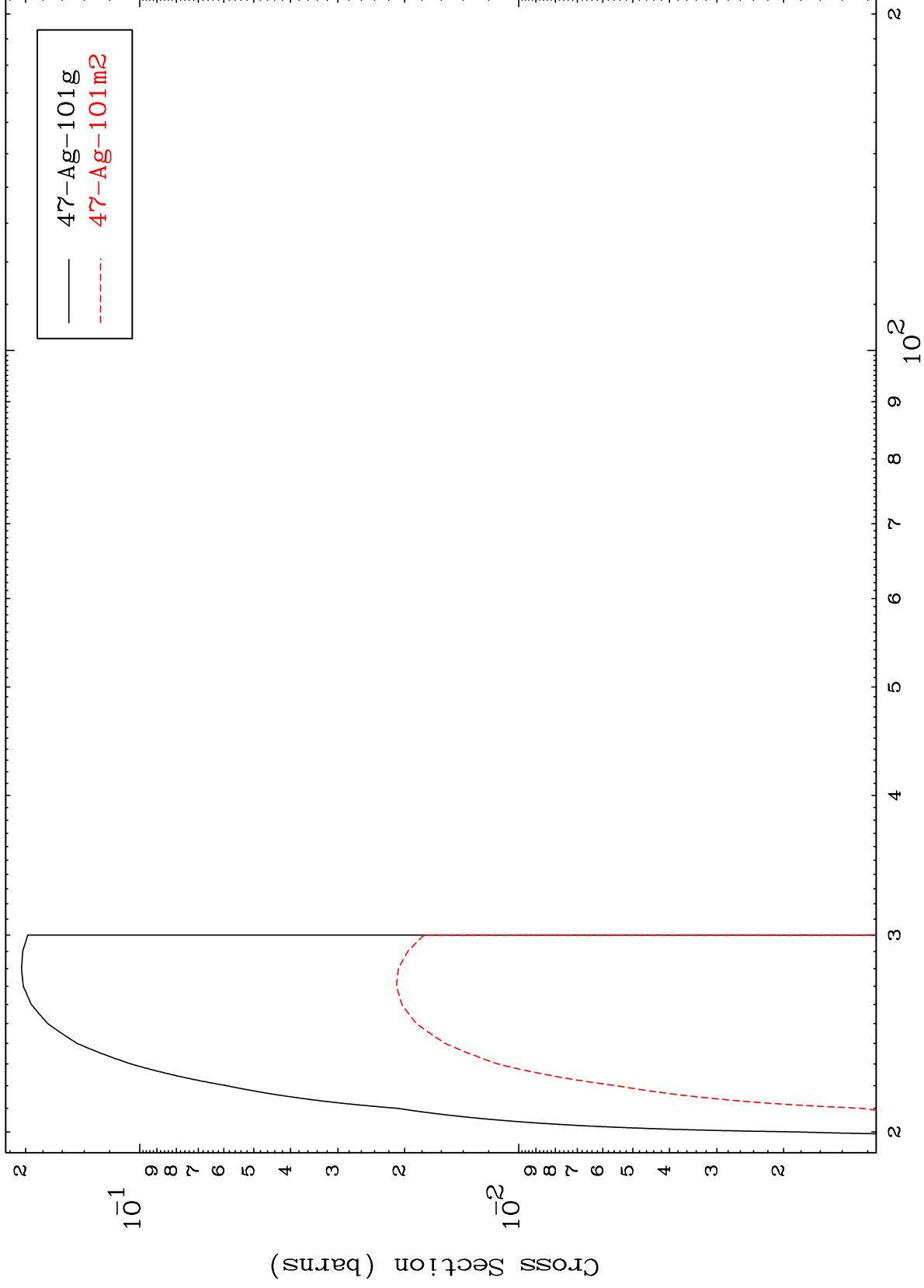
Incident Energy (MeV)

MAT 4713

(n,3n)

47-Ag-103

Radionuclide Production Cross Section



142

Incident Energy (MeV)

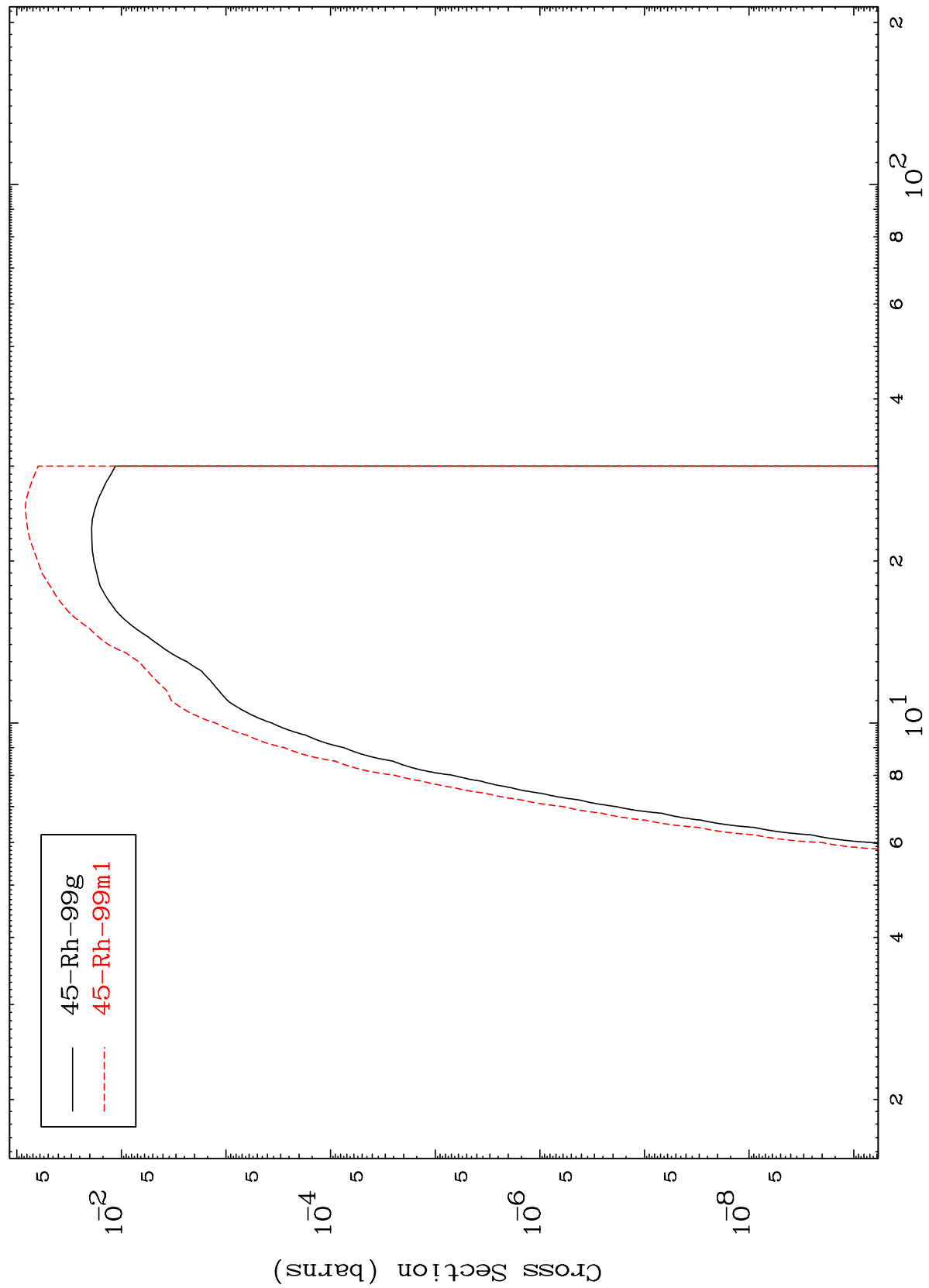
47-Ag-103

MAT 4713

(n,n') α

47-Ag-103

Radionuclide Production Cross Section



— 45-Rh-99g
- - - 45-Rh-99m1

143

Incident Energy (MeV)

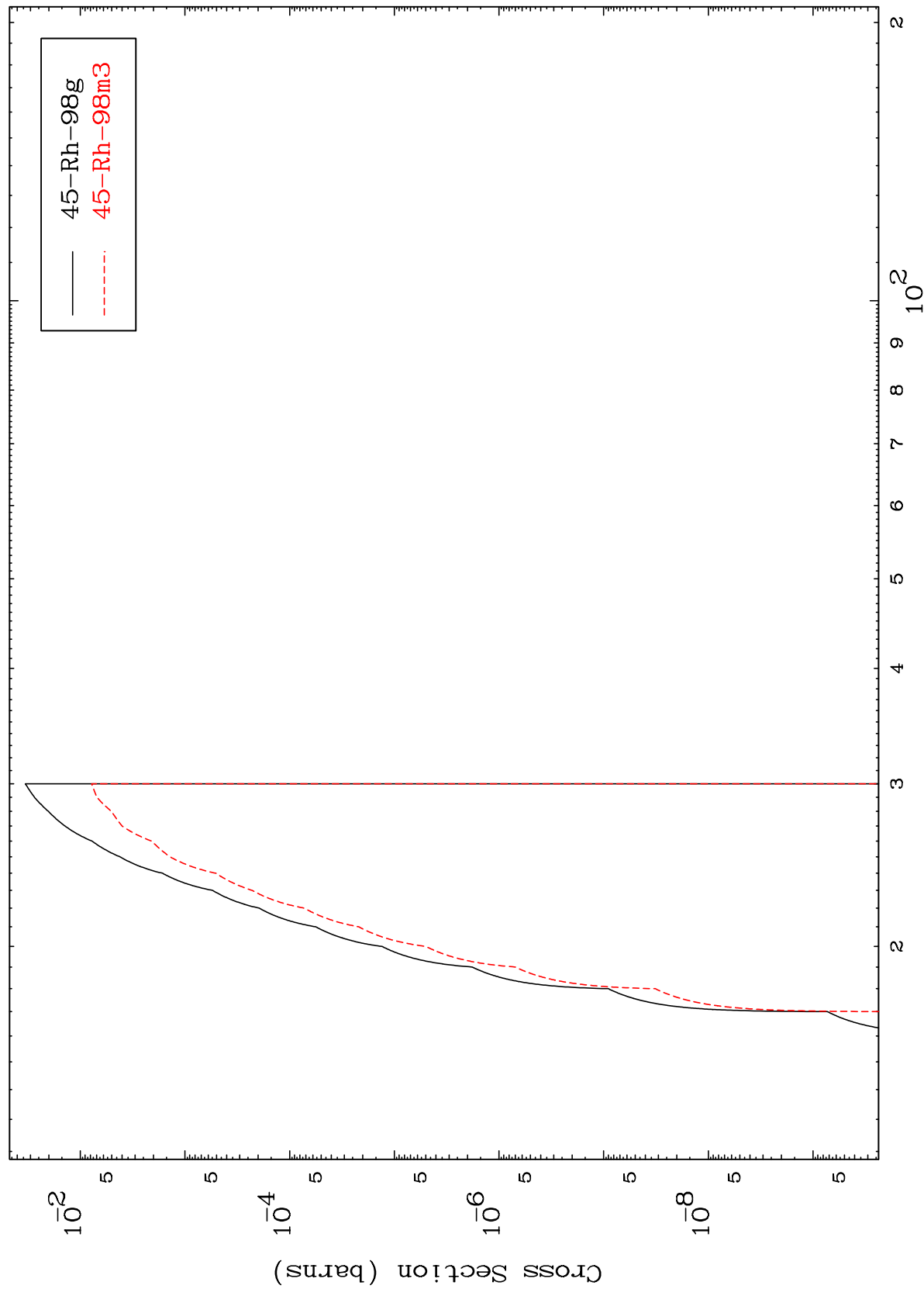
47-Ag-103

MAT 4713

(n,2n) α

47-Ag-103

Radionuclide Production Cross Section



45-Rh-98g
45-Rh-98m3

144

Incident Energy (MeV)

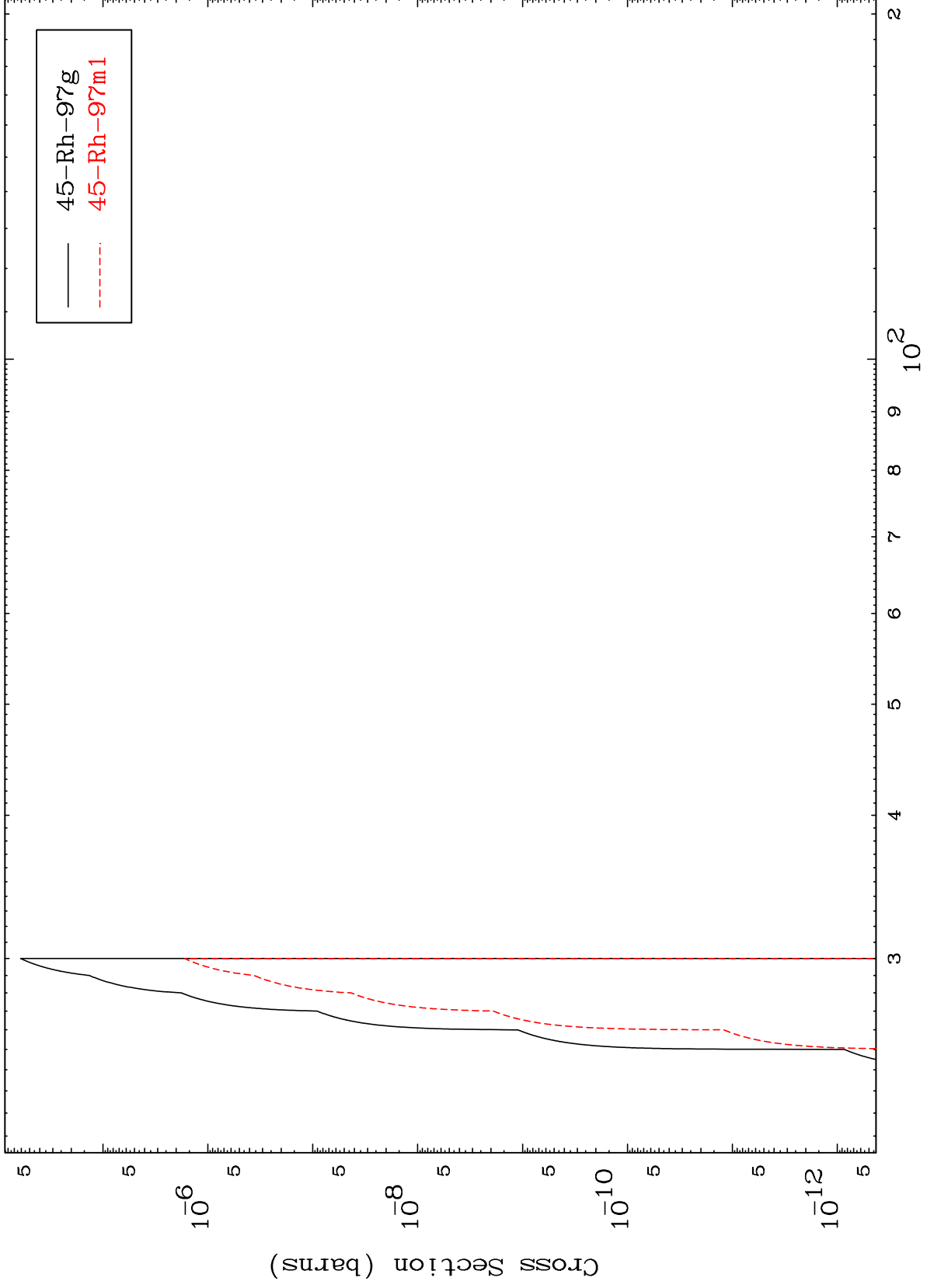
47-Ag-103

MAT 4713

(n,3n) α

47-Ag-103

Radionuclide Production Cross Section



145

Incident Energy (MeV)

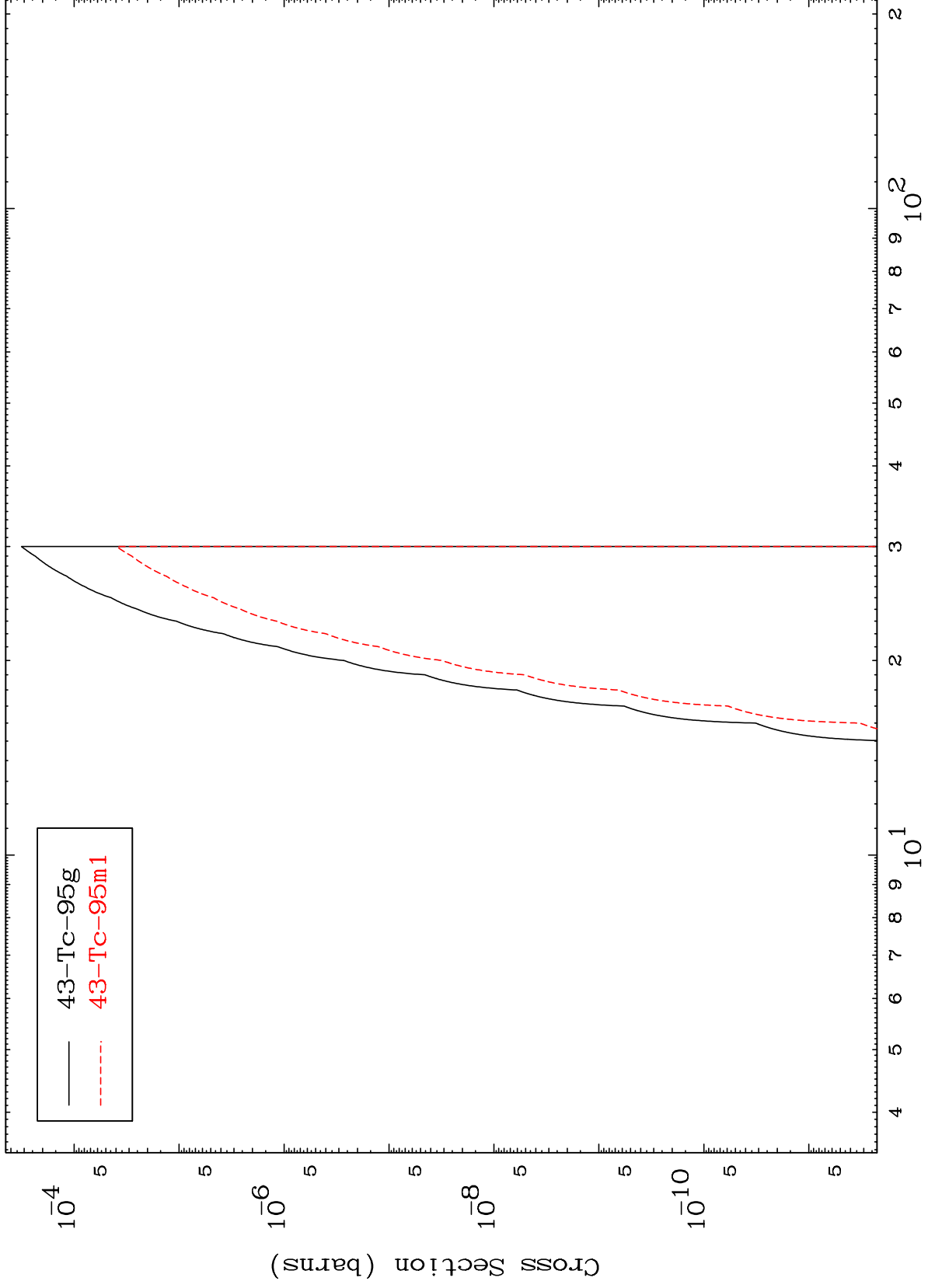
47-Ag-103

MAT 4713

(n,n') 2α

47-Ag-103

Radionuclide Production Cross Section



146

Incident Energy (MeV)

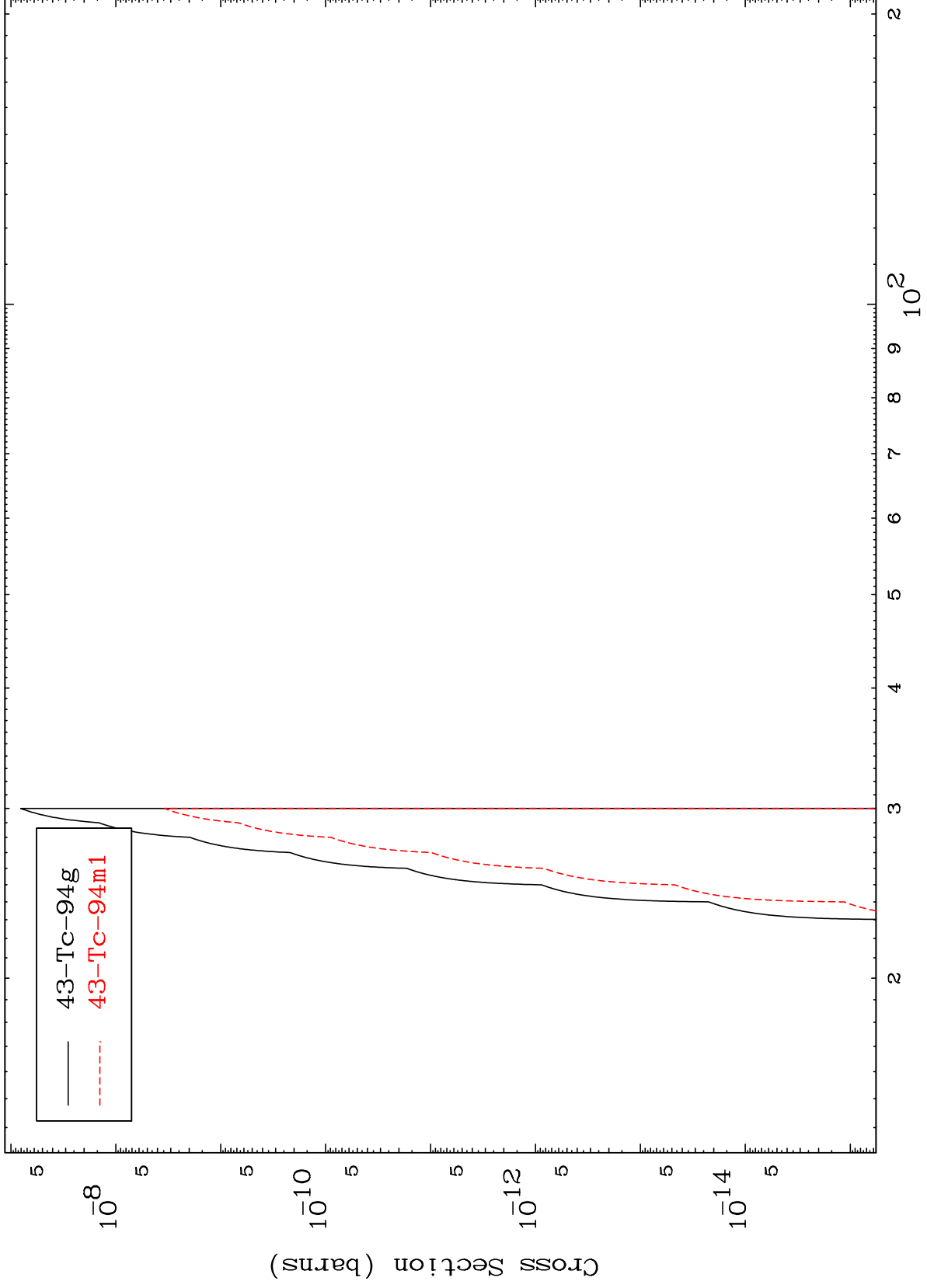
47-Ag-103

MAT 4713

(n,2n) 2α

47-Ag-103

Radionuclide Production Cross Section



147

Incident Energy (MeV)

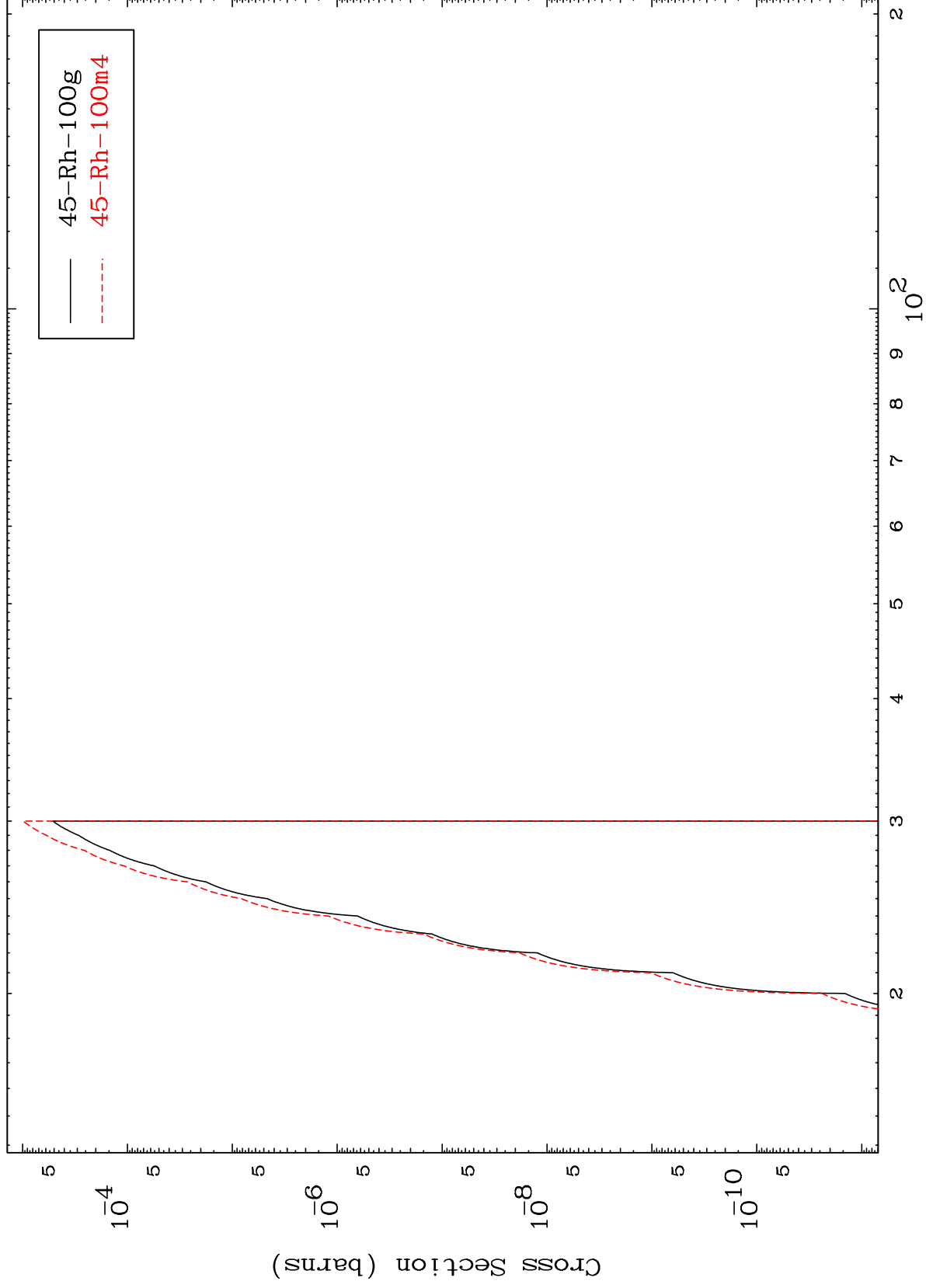
47-Ag-103

MAT 4713

(n,n') He-3

47-Ag-103

Radionuclide Production Cross Section



148

Incident Energy (MeV)

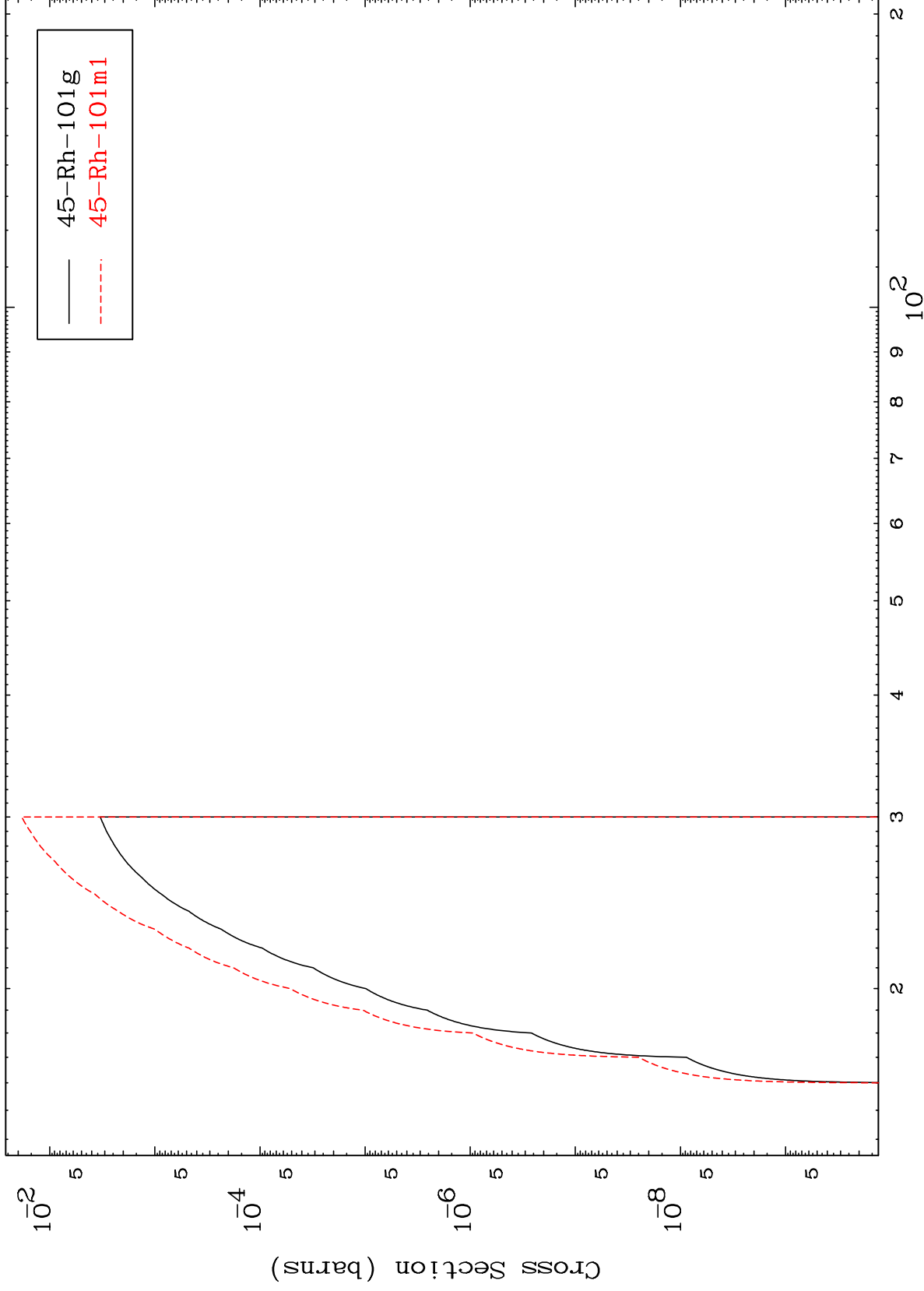
47-Ag-103

MAT 4713

(n,2n) p

47-Ag-103

Radionuclide Production Cross Section



149

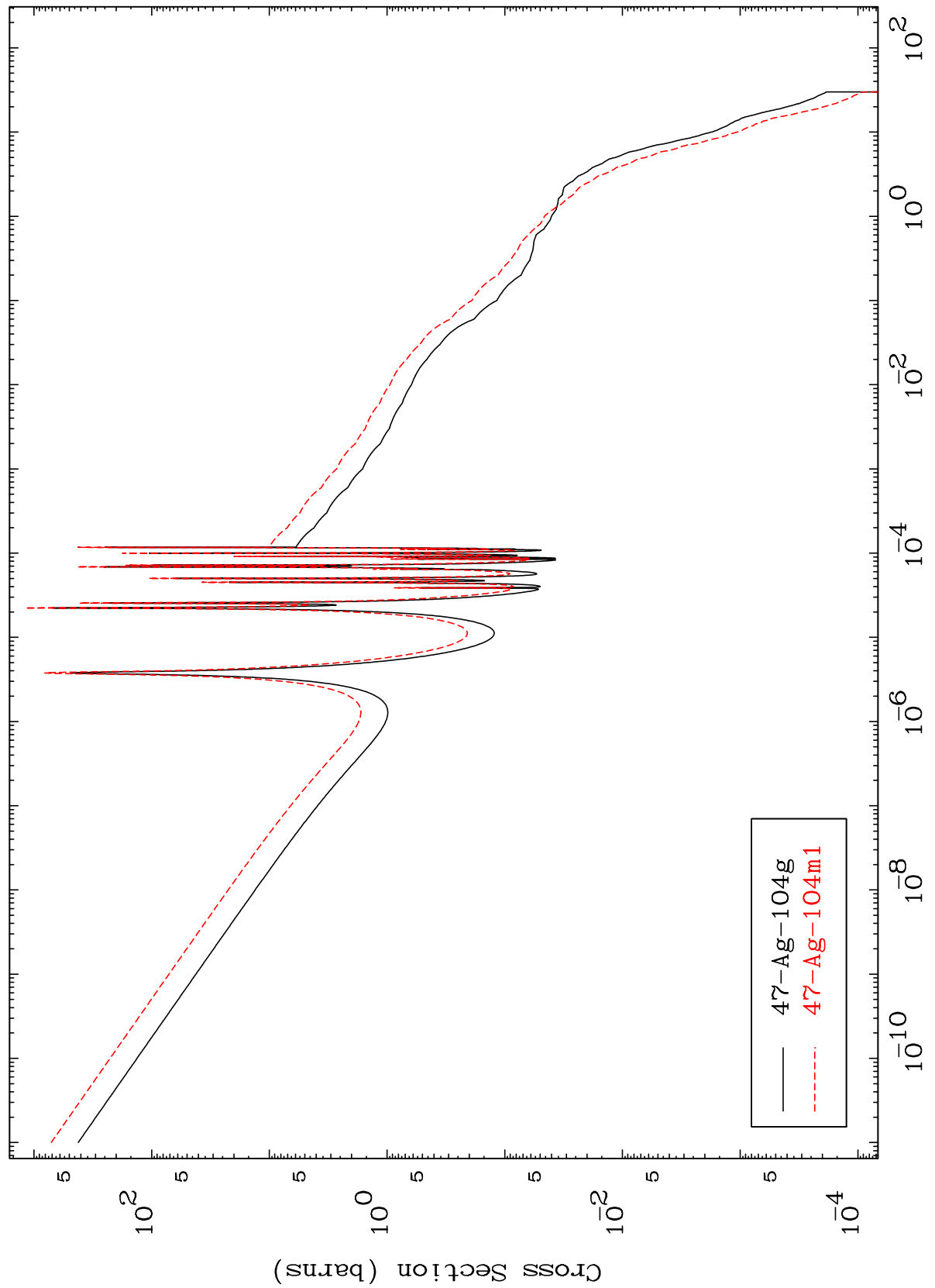
Incident Energy (MeV)

47-Ag-103

MAT 4713

47-Ag-103

(n, γ)
Radionuclide Production Cross Section



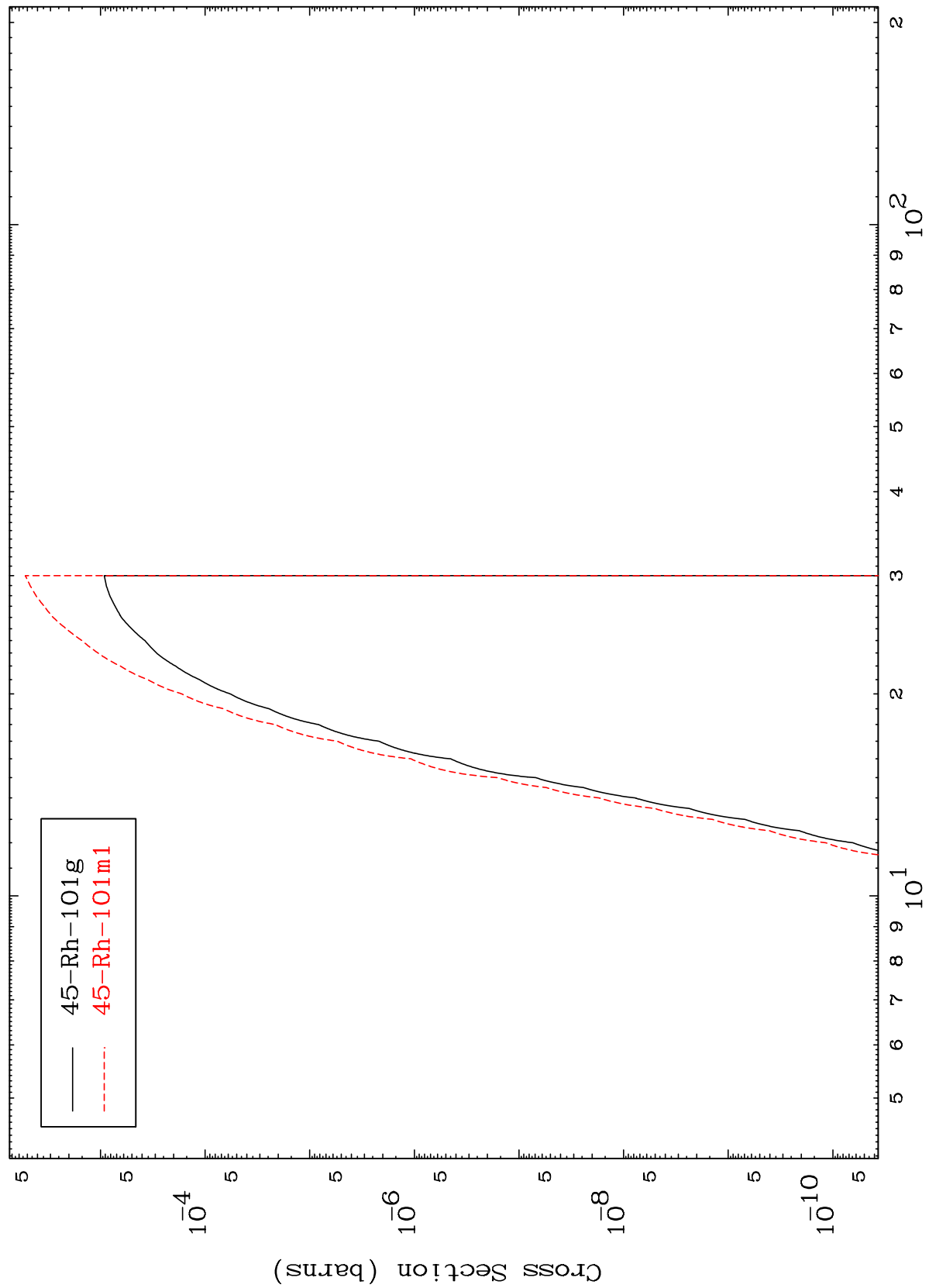
150

47-Ag-103

MAT 4713

47-Ag-103

Radionuclide Production Cross Section
(n,He-3)



— 45-Rh-101g
- - - 45-Rh-101m1

151

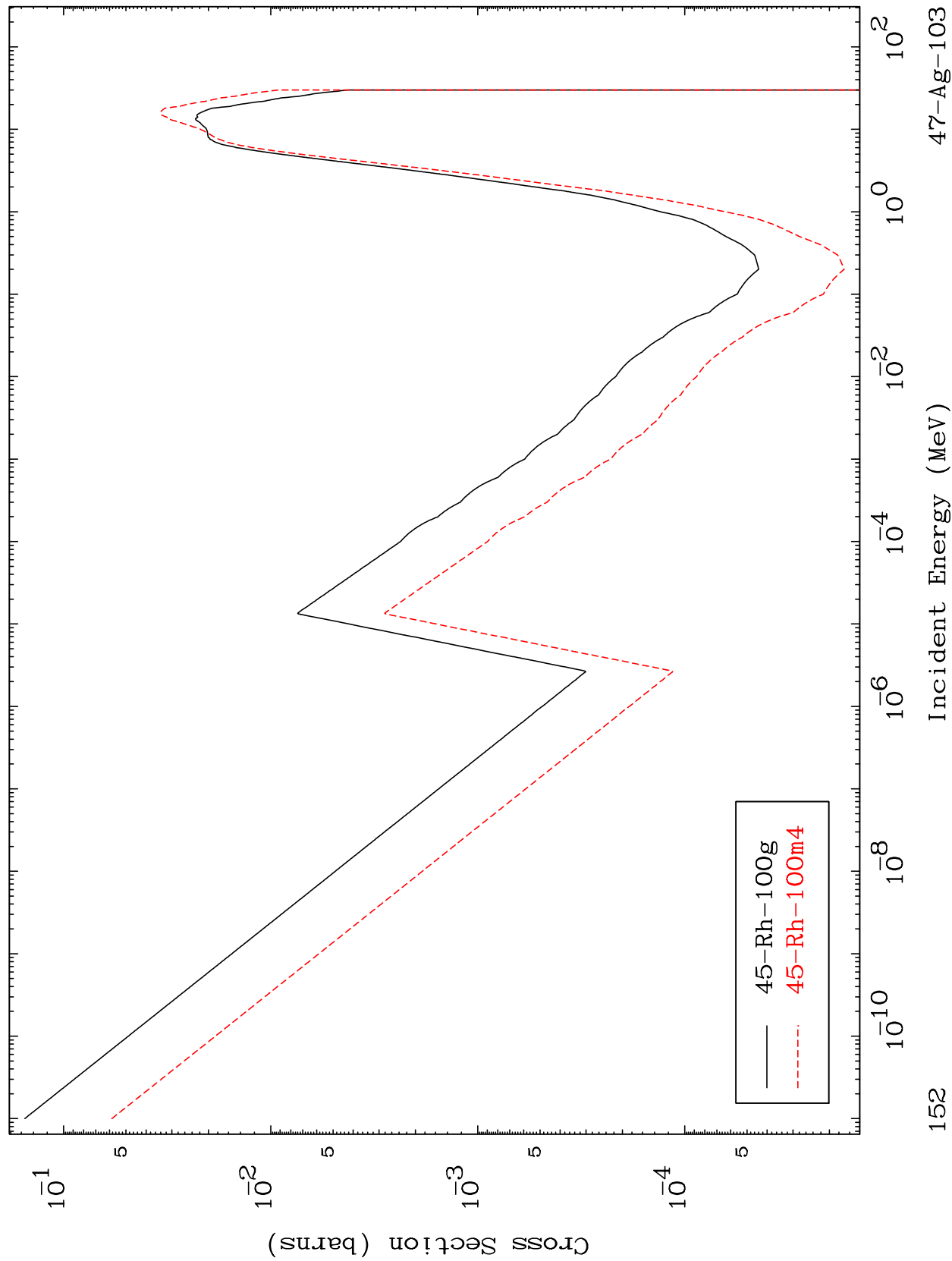
Incident Energy (MeV)

47-Ag-103

MAT 4713

47-Ag-103

Radionuclide Production Cross Section
(n, α)



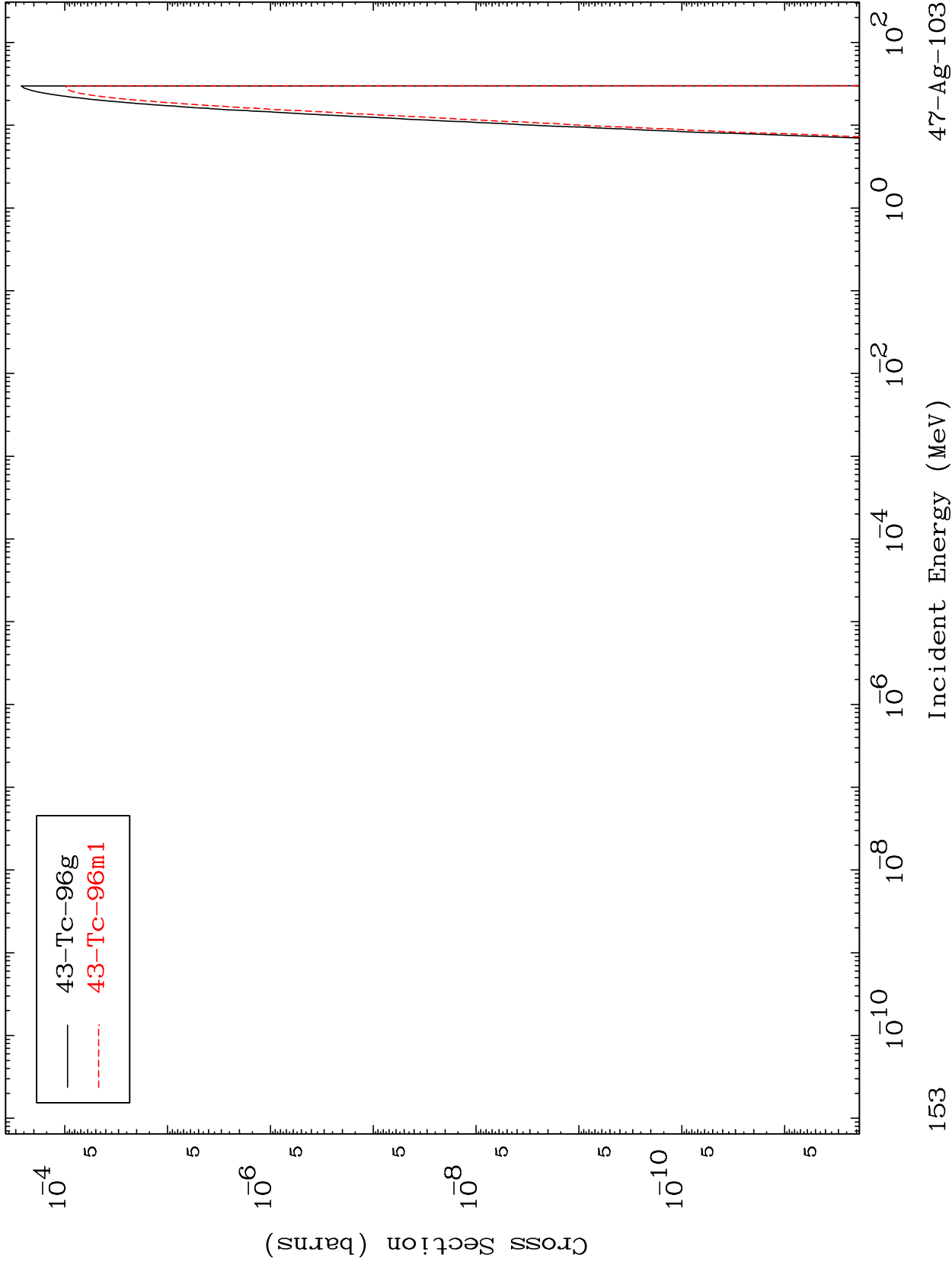
152

MAT 4713

(n,2α)

47-Ag-103

Radionuclide Production Cross Section



153

Incident Energy (MeV)

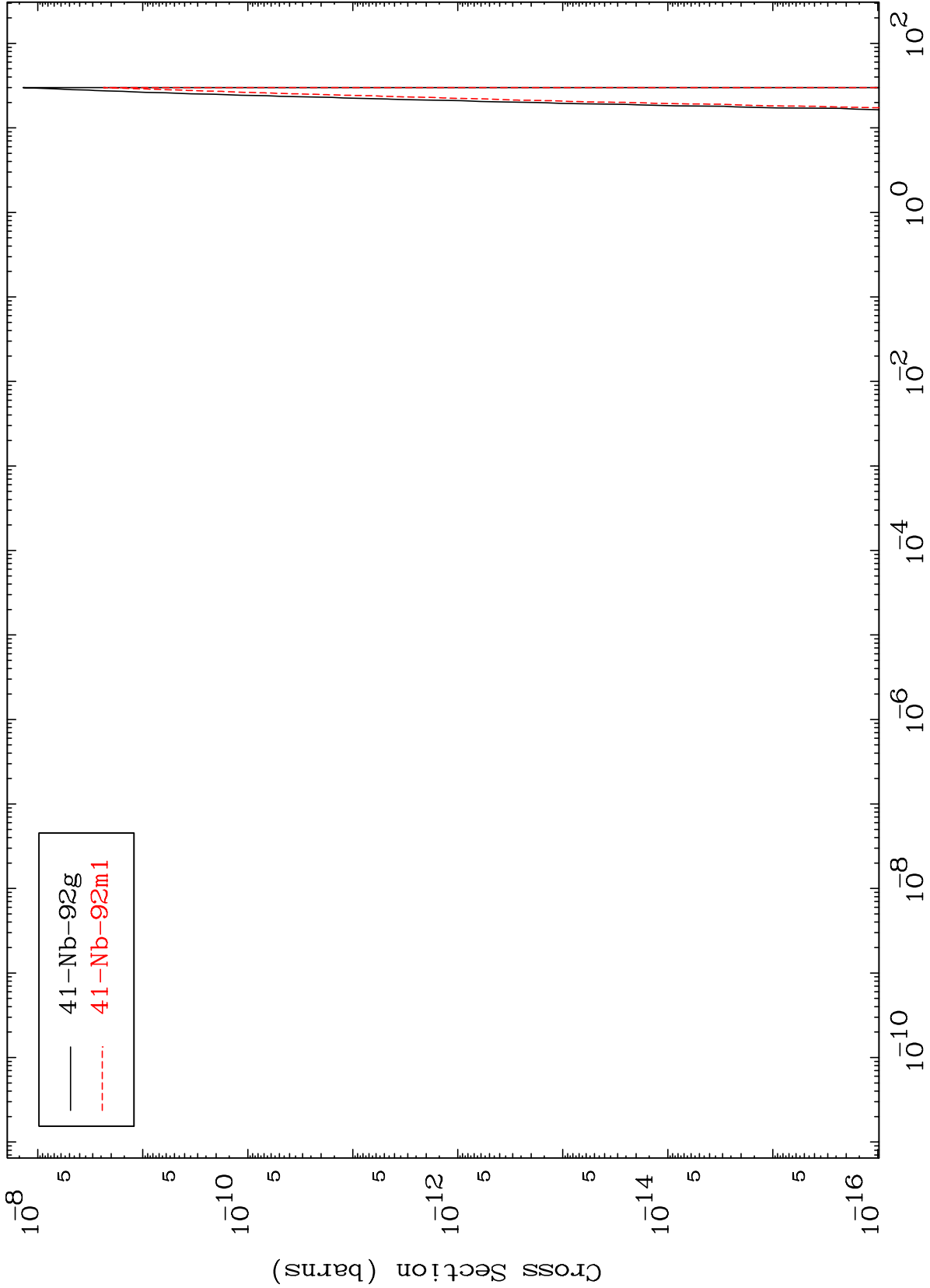
47-Ag-103

MAT 4713

(n, 3 α)

47-Ag-103

Radionuclide Production Cross Section



41-Nb-92g
41-Nb-92m1

154

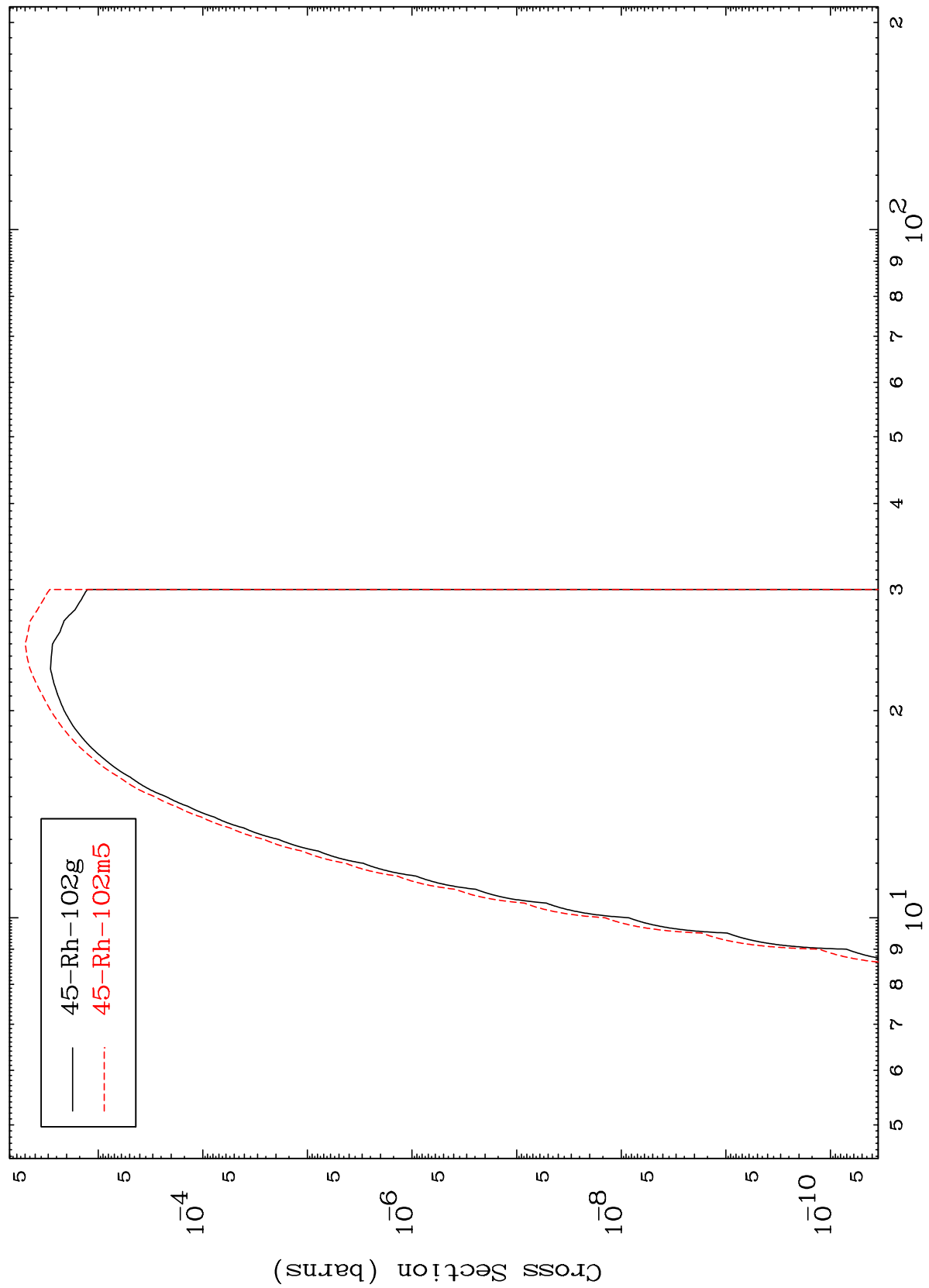
Incident Energy (MeV)

47-Ag-103

MAT 4713

47-Ag-103

(n,2p)
Radionuclide Production Cross Section



— 45-Rh-102g
- - - 45-Rh-102m5

155

Incident Energy (MeV)

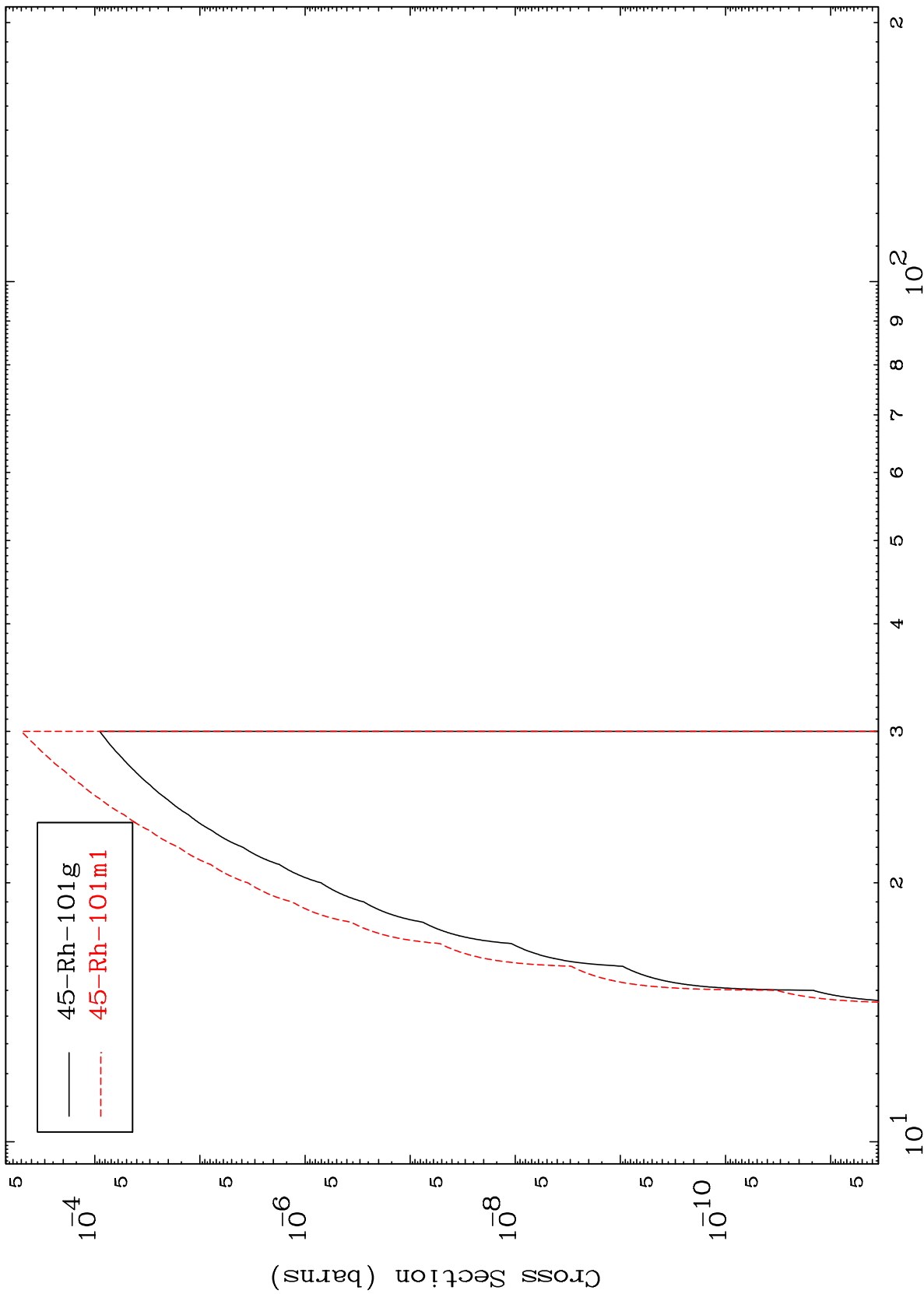
47-Ag-103

MAT 4713

(n,p) d

47-Ag-103

Radionuclide Production Cross Section



Incident Energy (MeV)

47-Ag-103

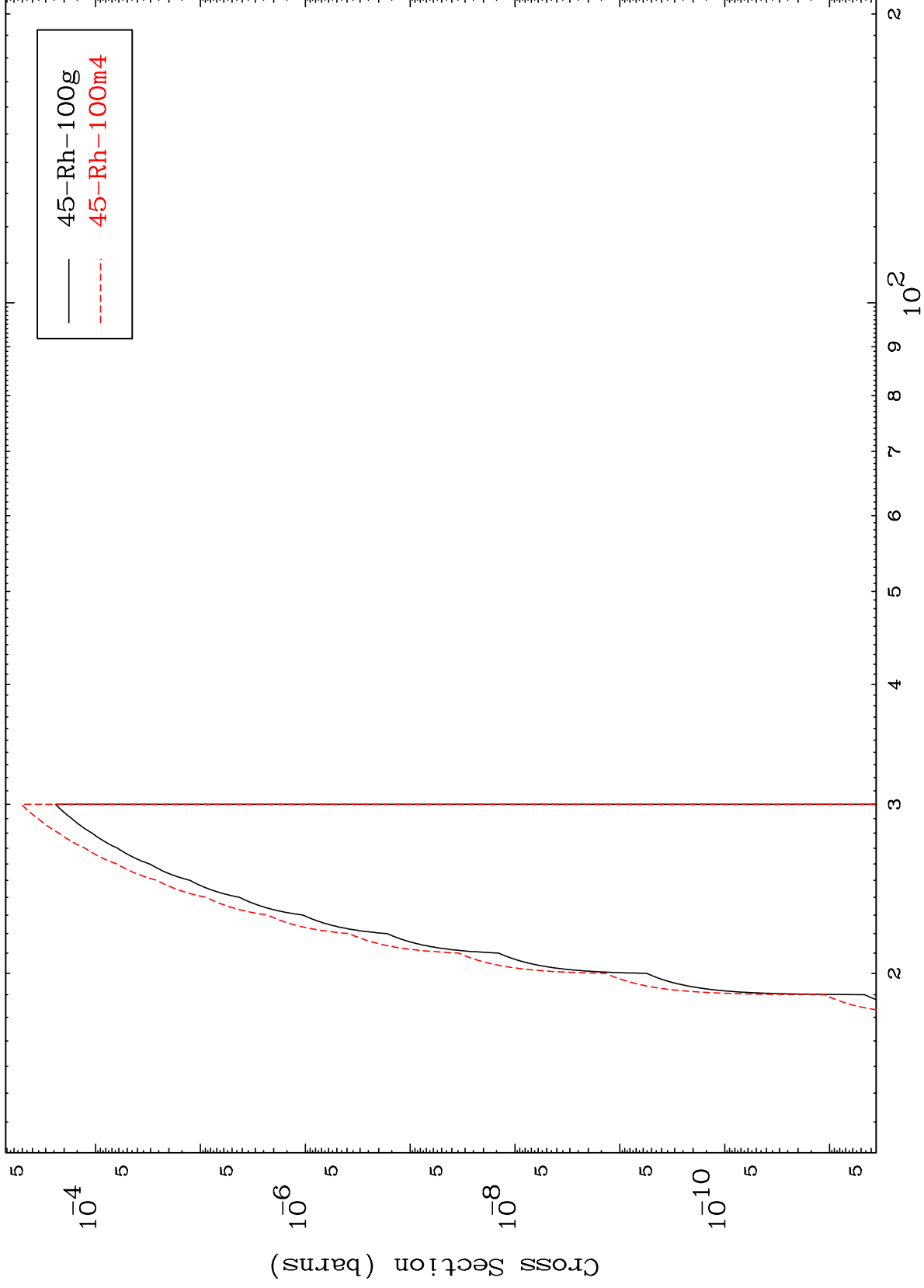
156

MAT 4713

(n,p) t

47-Ag-103

Radionuclide Production Cross Section



157

Incident Energy (MeV)

47-Ag-103