

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

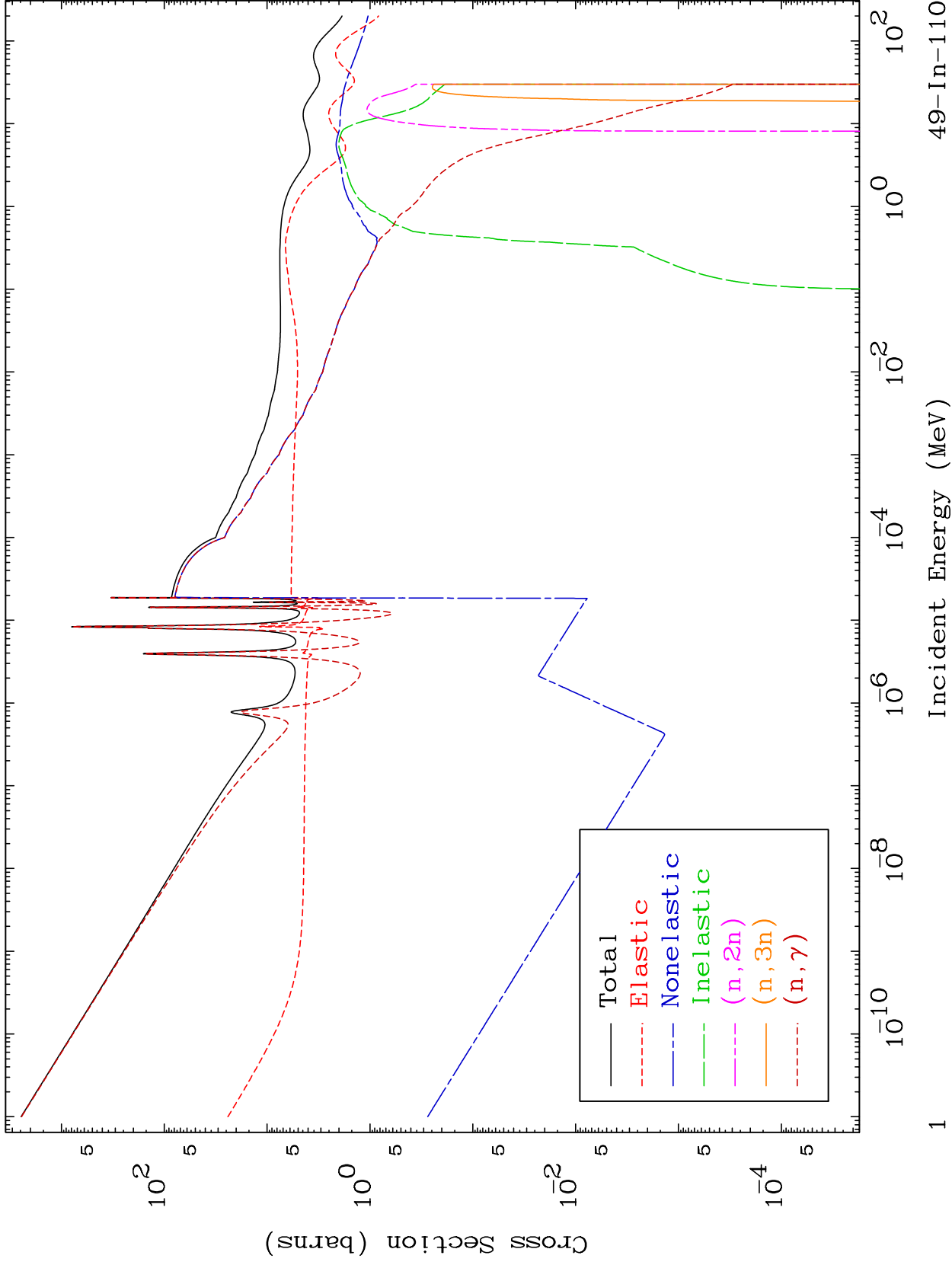
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4916

Neutron Major  
293 Kelvin Cross Sections

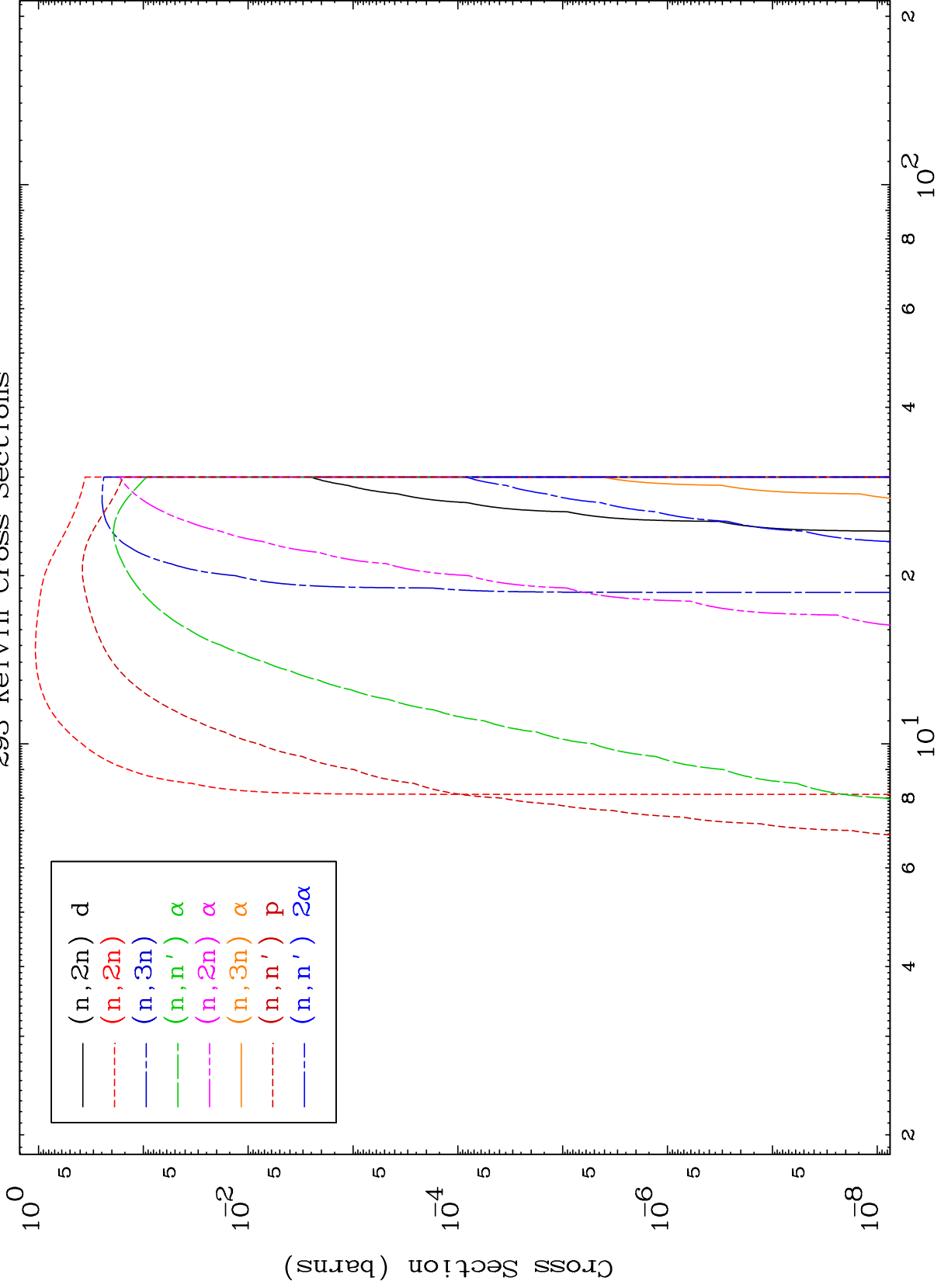
49-In-110



MAT 4916

Neutron Absorption  
293 Kelvin Cross Sections

49-In-110



2

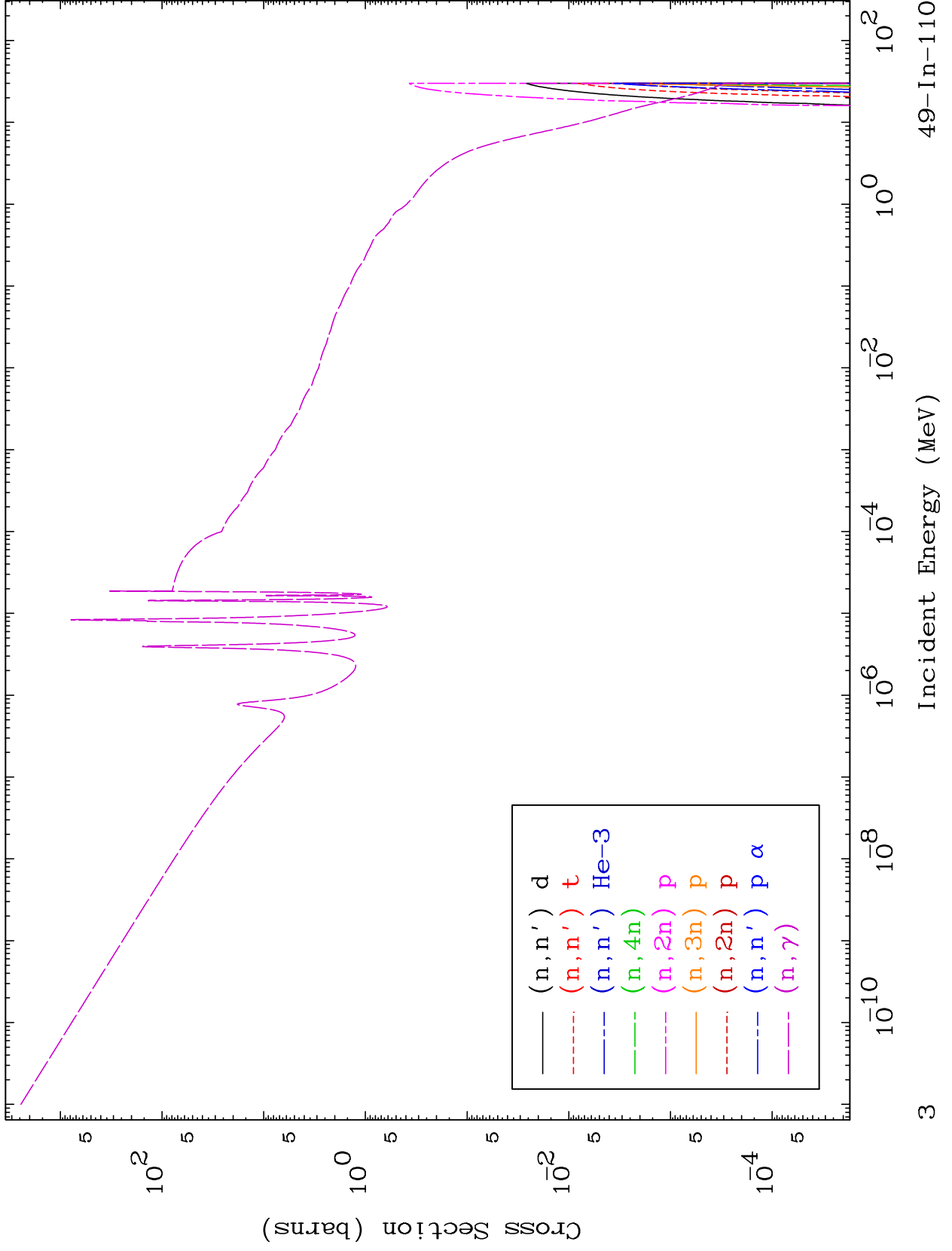
Incident Energy (MeV)

49-In-110

MAT 4916

Neutron Absorption  
293 Kelvin Cross Sections

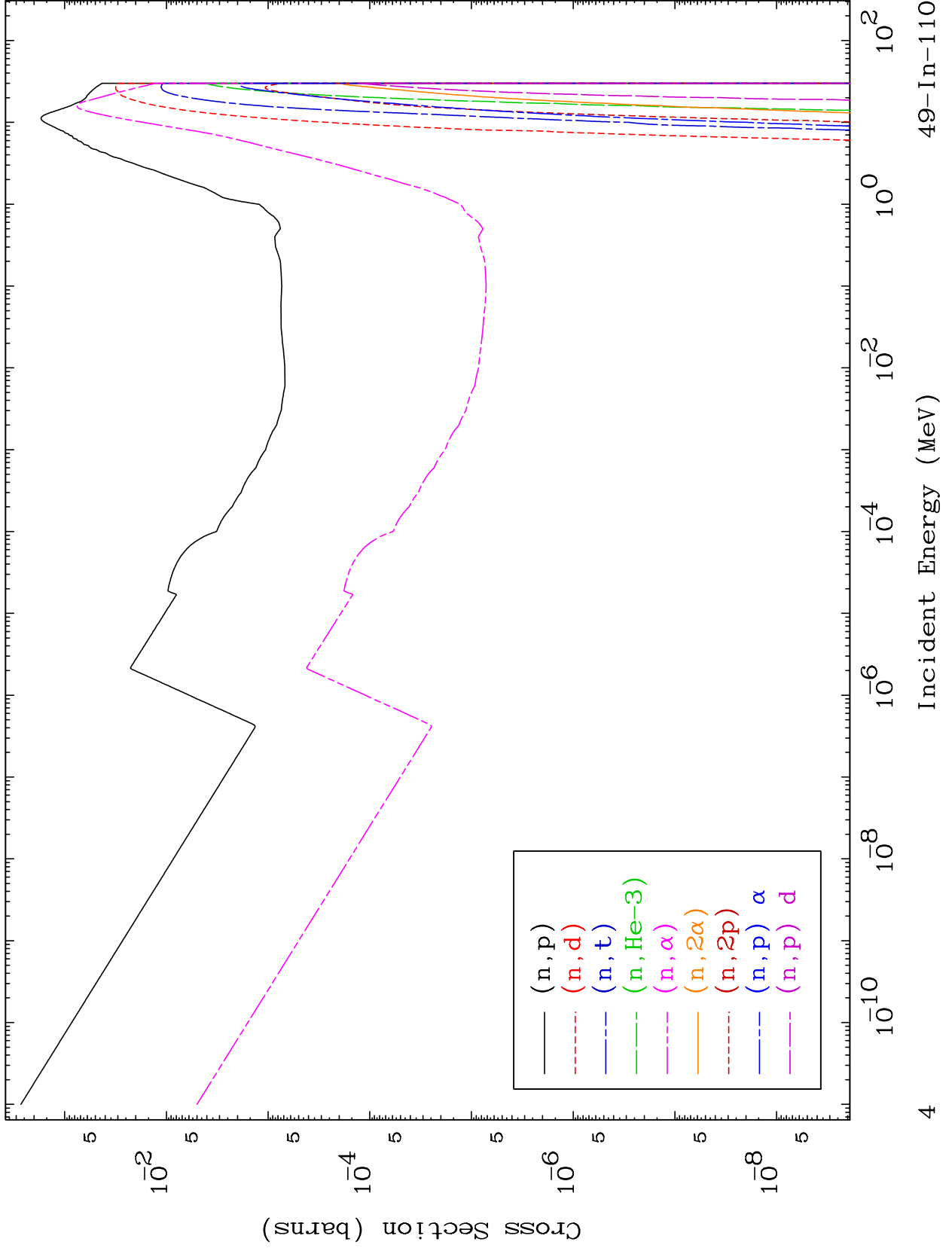
49-In-110

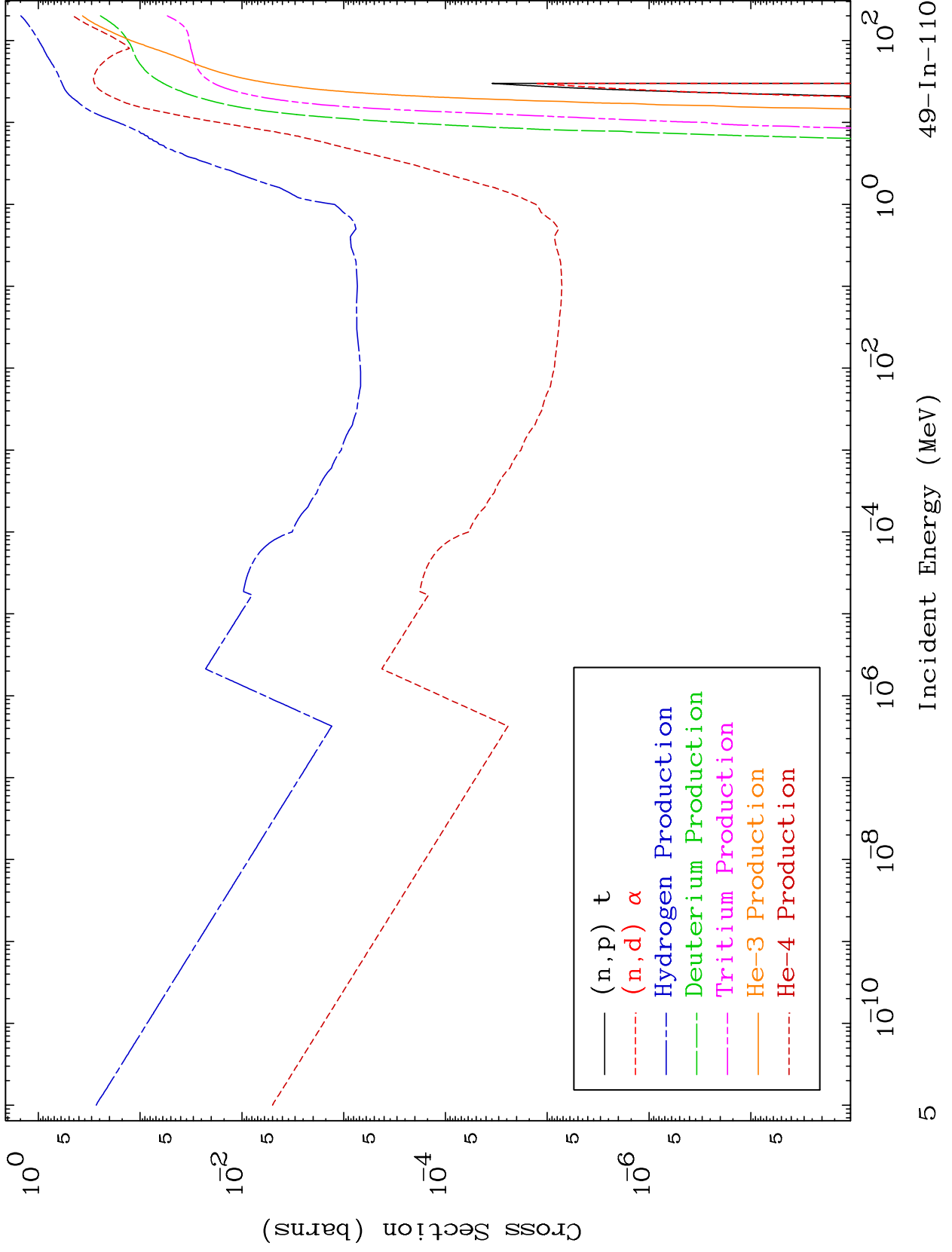


MAT 4916

Neutron Absorption  
293 Kelvin Cross Sections

49-In-110

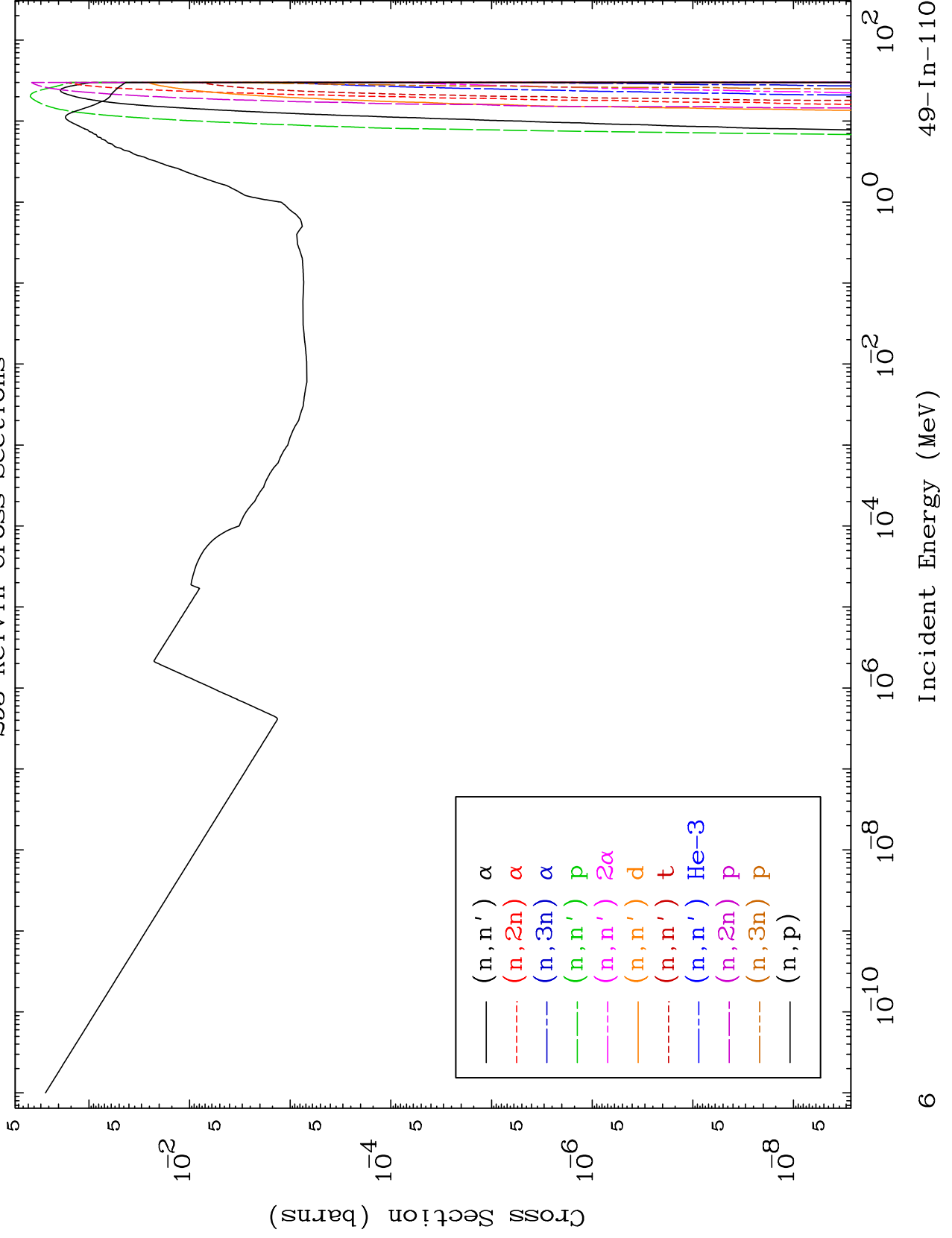




MAT 4916

Charged Particle  
293 Kelvin Cross Sections

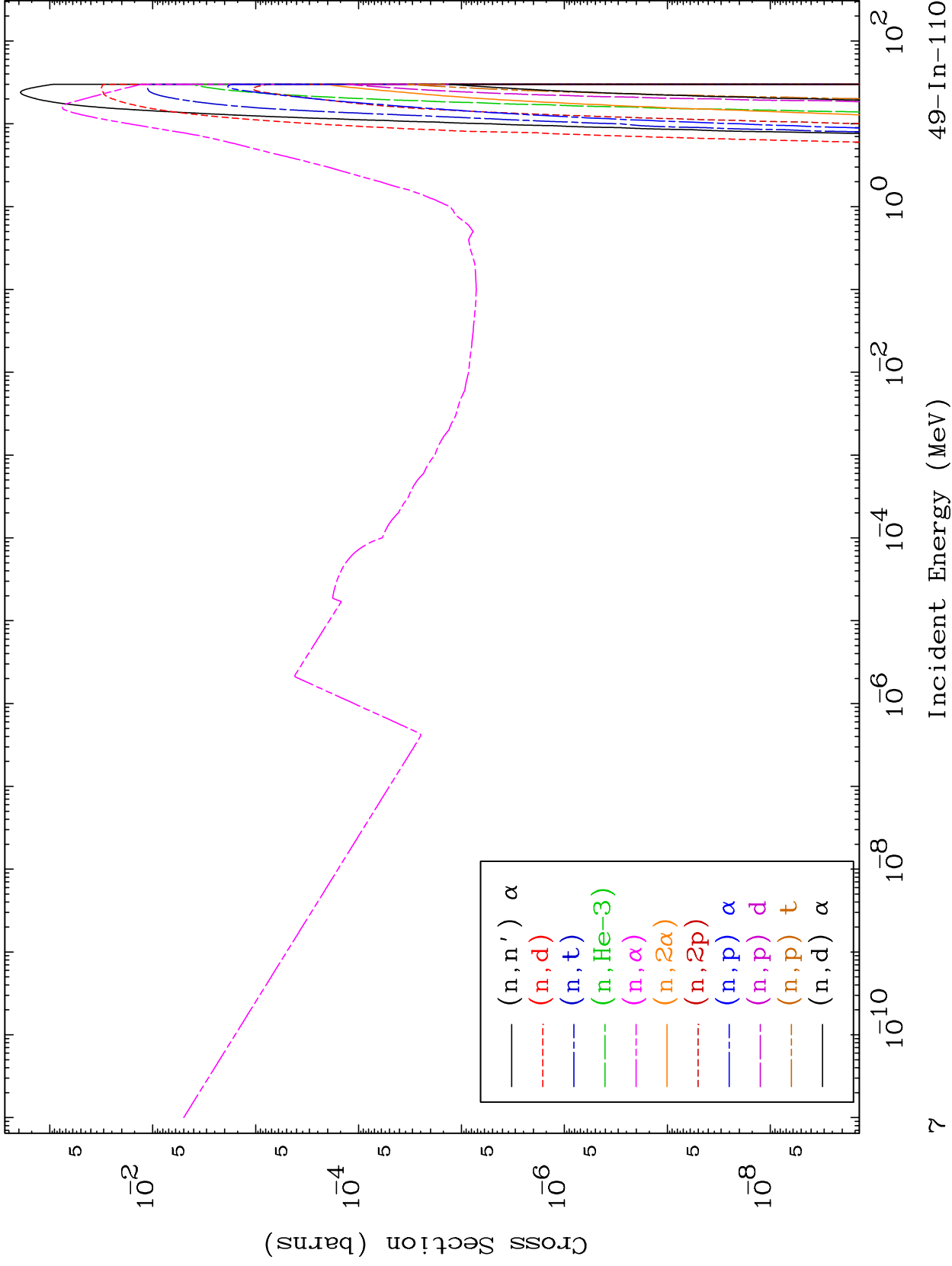
49-In-110



MAT 4916

Charged Particle  
293 Kelvin Cross Sections

49-In-110

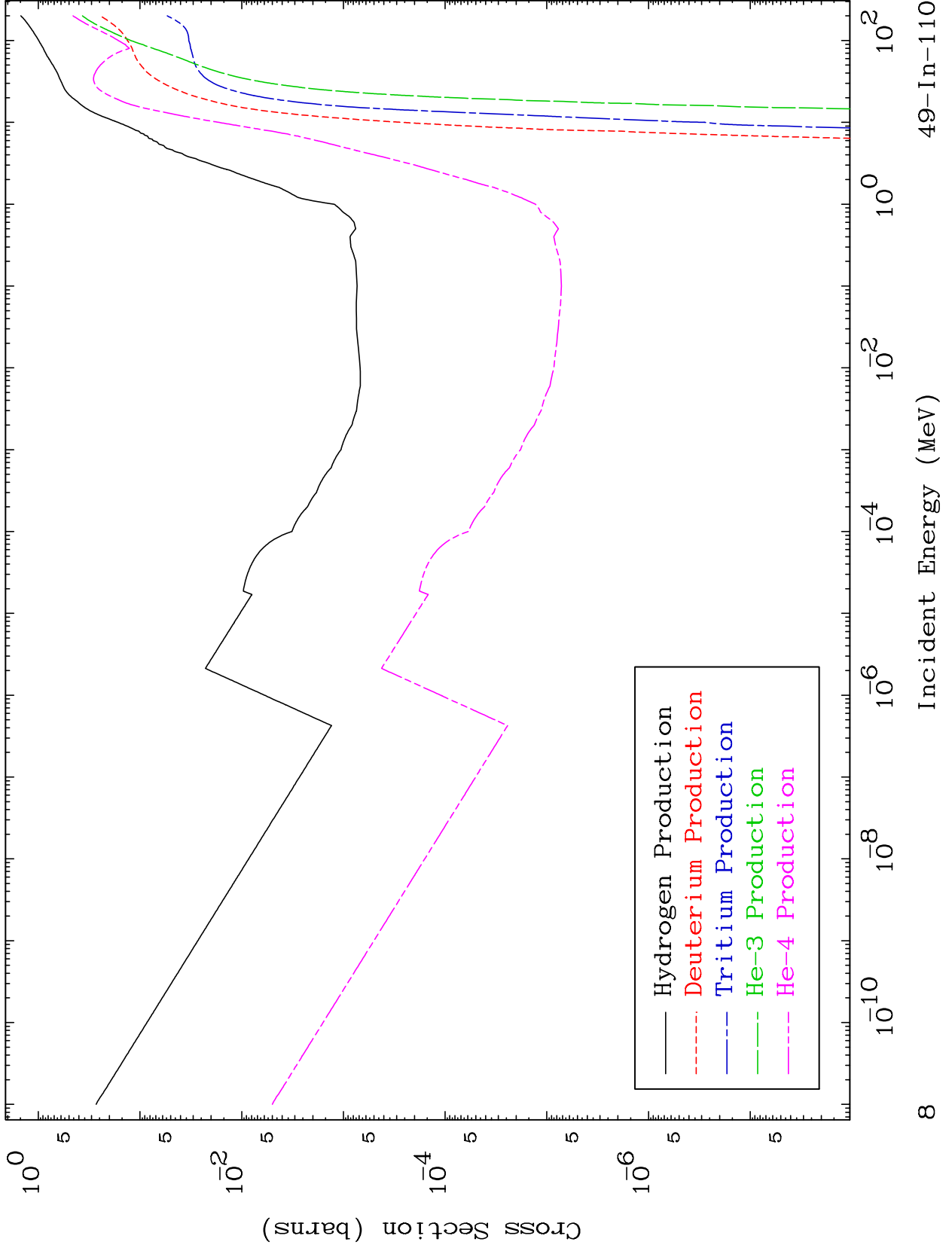




MAT 4916

Particle Production  
293 Kelvin Cross Sections

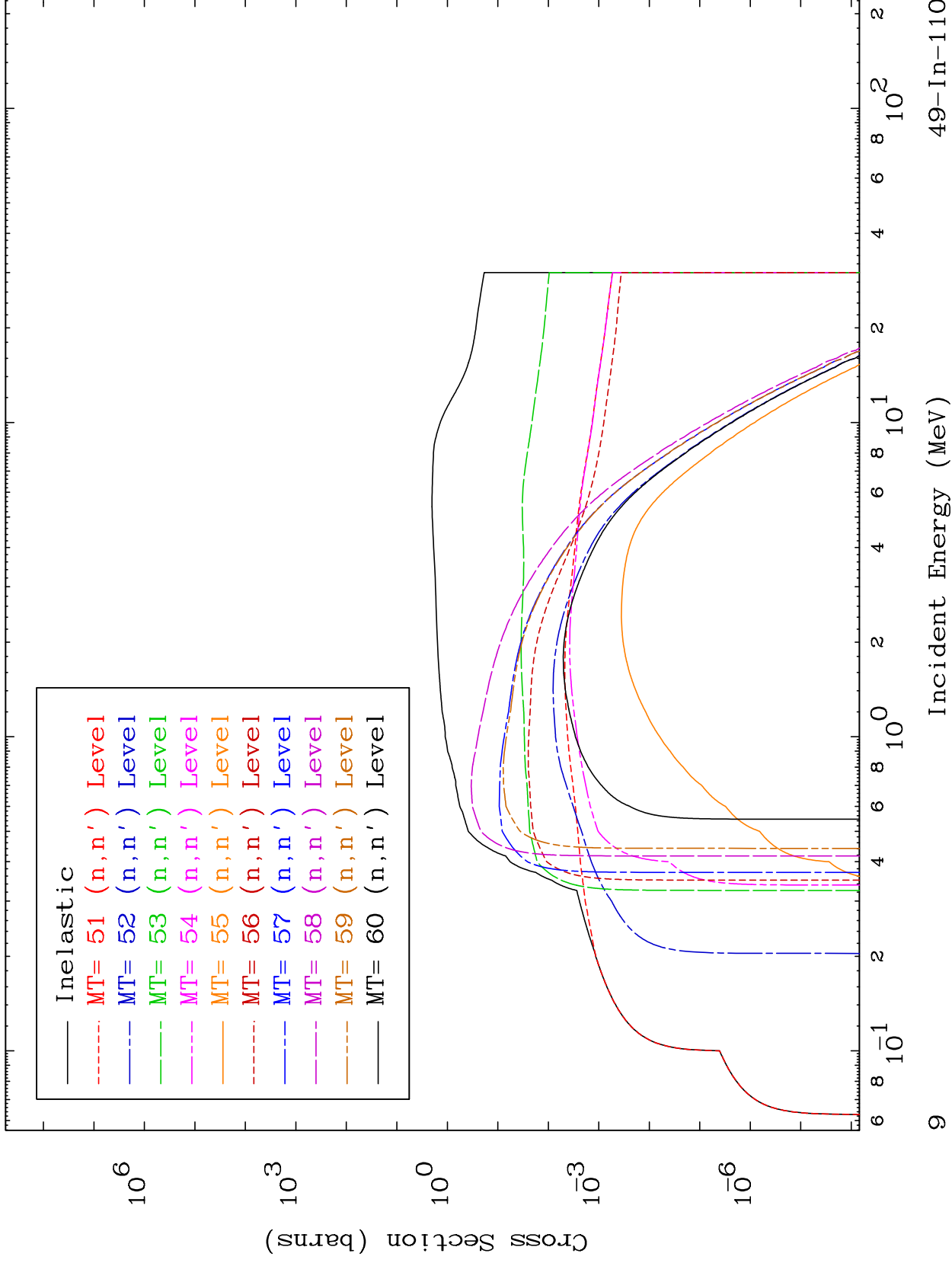
49-In-110



MAT 4916

(n,n') Levels  
293 Kelvin Cross Sections

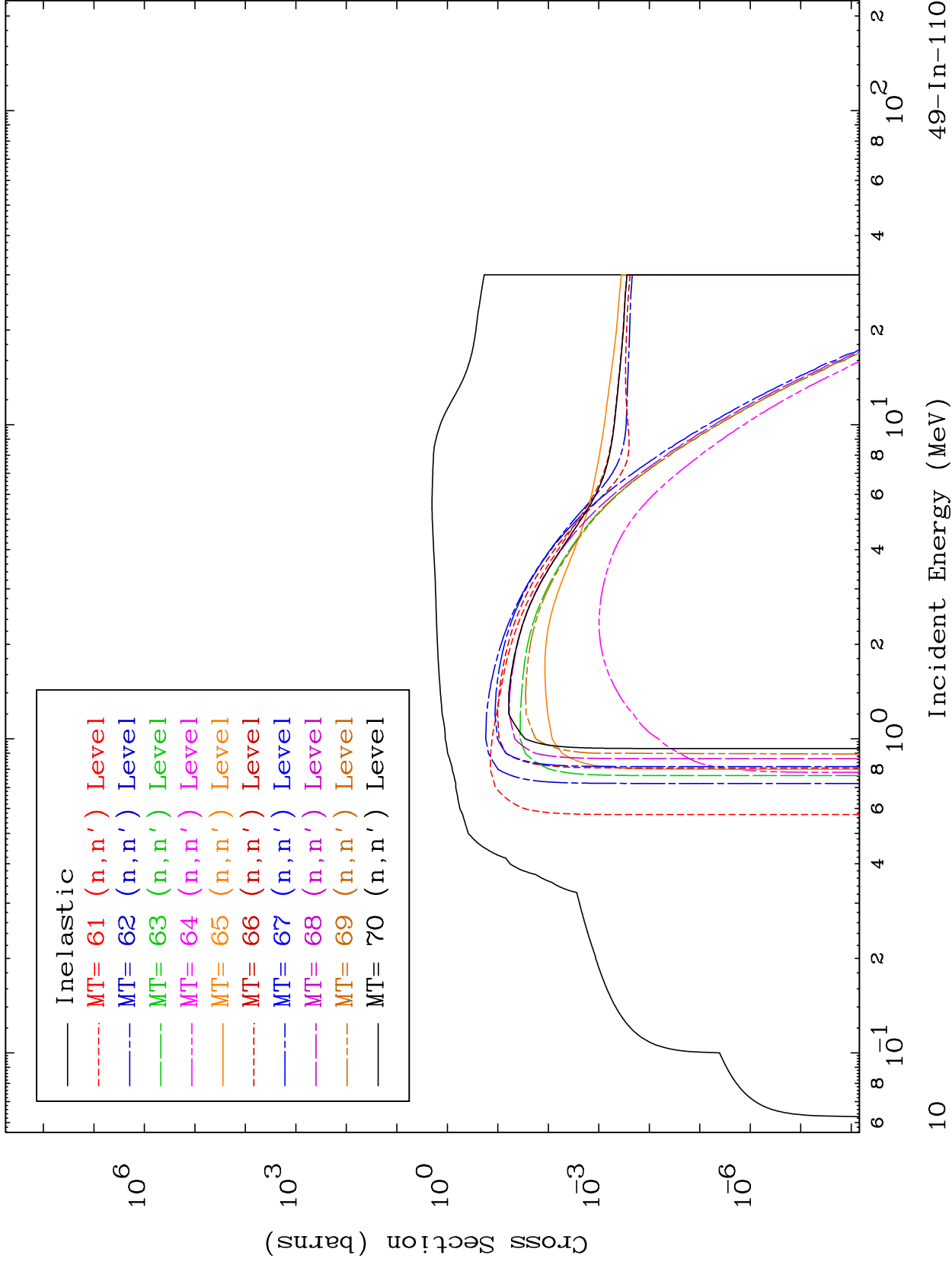
49-In-110



MAT 4916

(n,n') Levels  
293 Kelvin Cross Sections

49-In-110

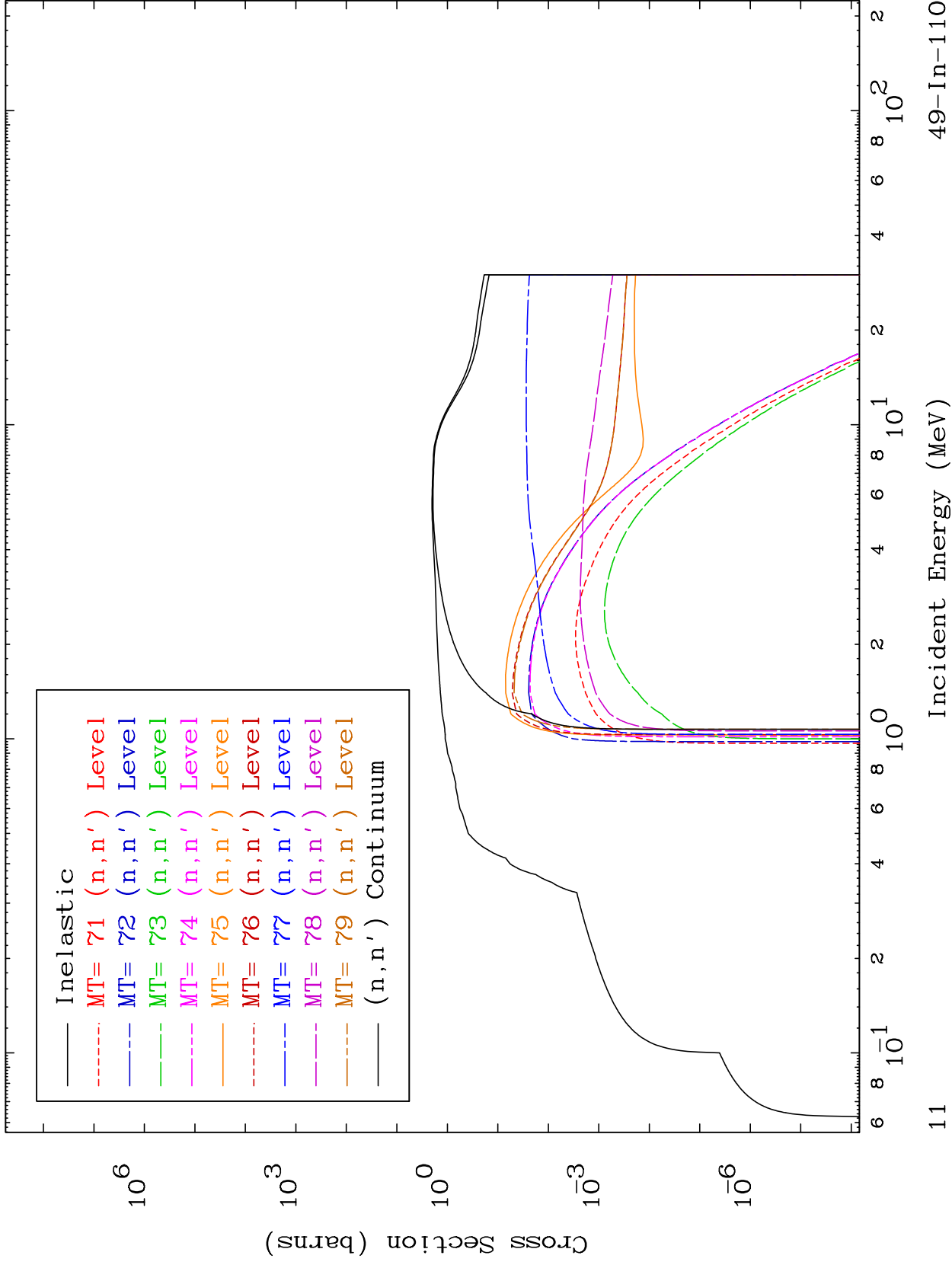


49-In-110

MAT 4916

(n,n') Levels  
293 Kelvin Cross Sections

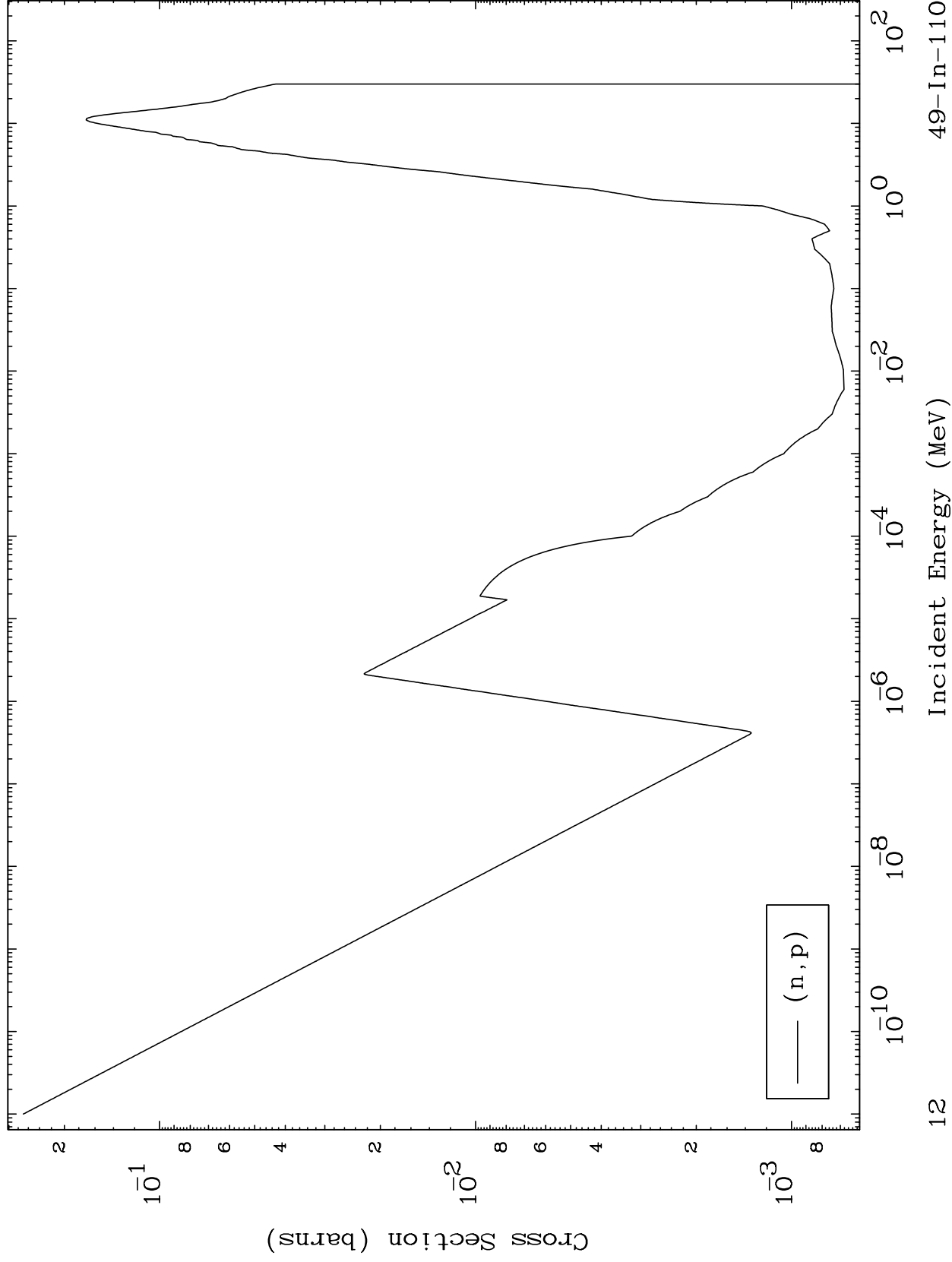
49-In-110



MAT 4916

(n,p) Levels  
293 Kelvin Cross Sections

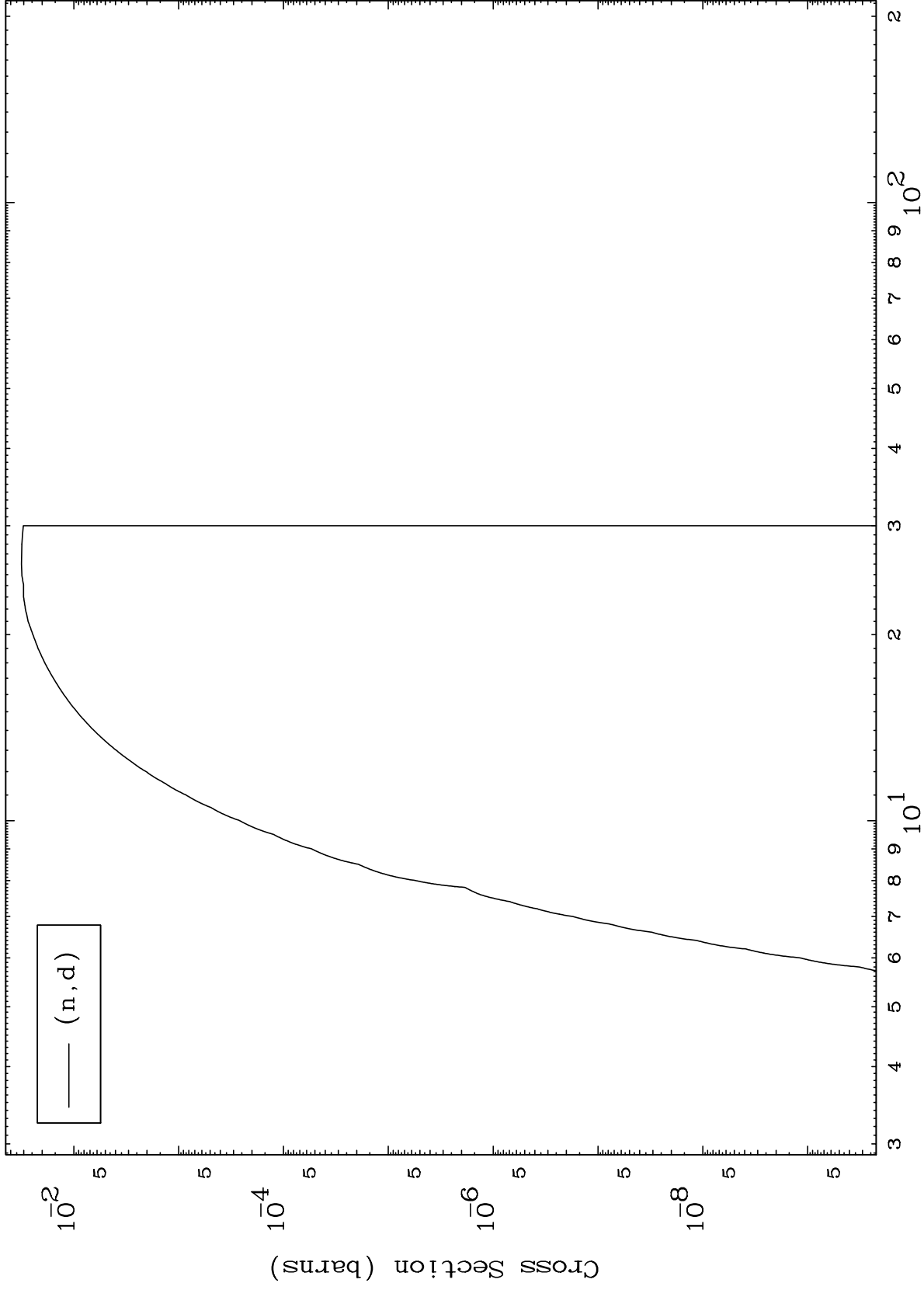
49-In-110



MAT 4916

(n,d) Levels  
293 Kelvin Cross Sections

49-In-110



13

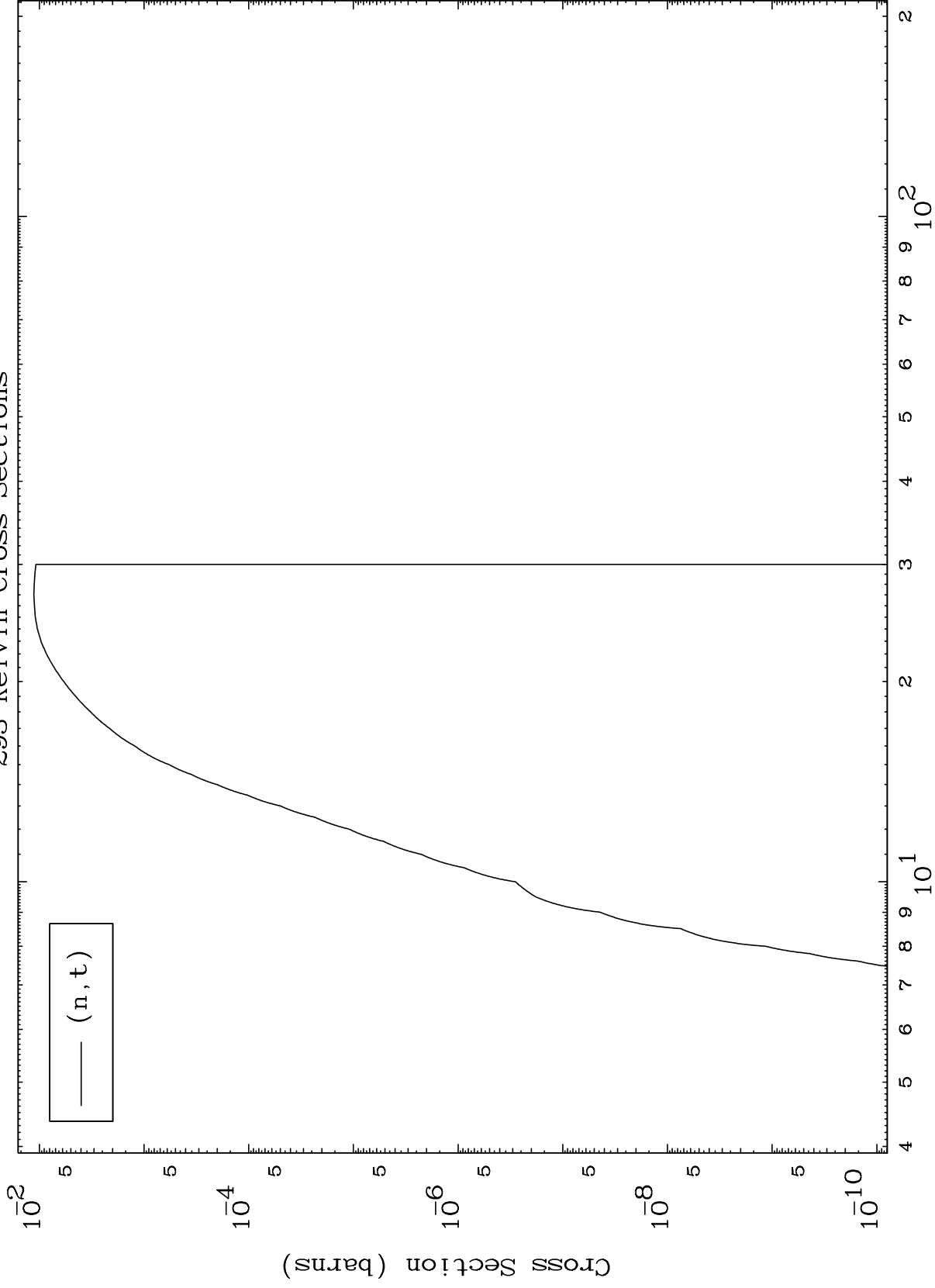
Incident Energy (MeV)

49-In-110

MAT 4916

(n,t) Levels  
293 Kelvin Cross Sections

49-In-110



14

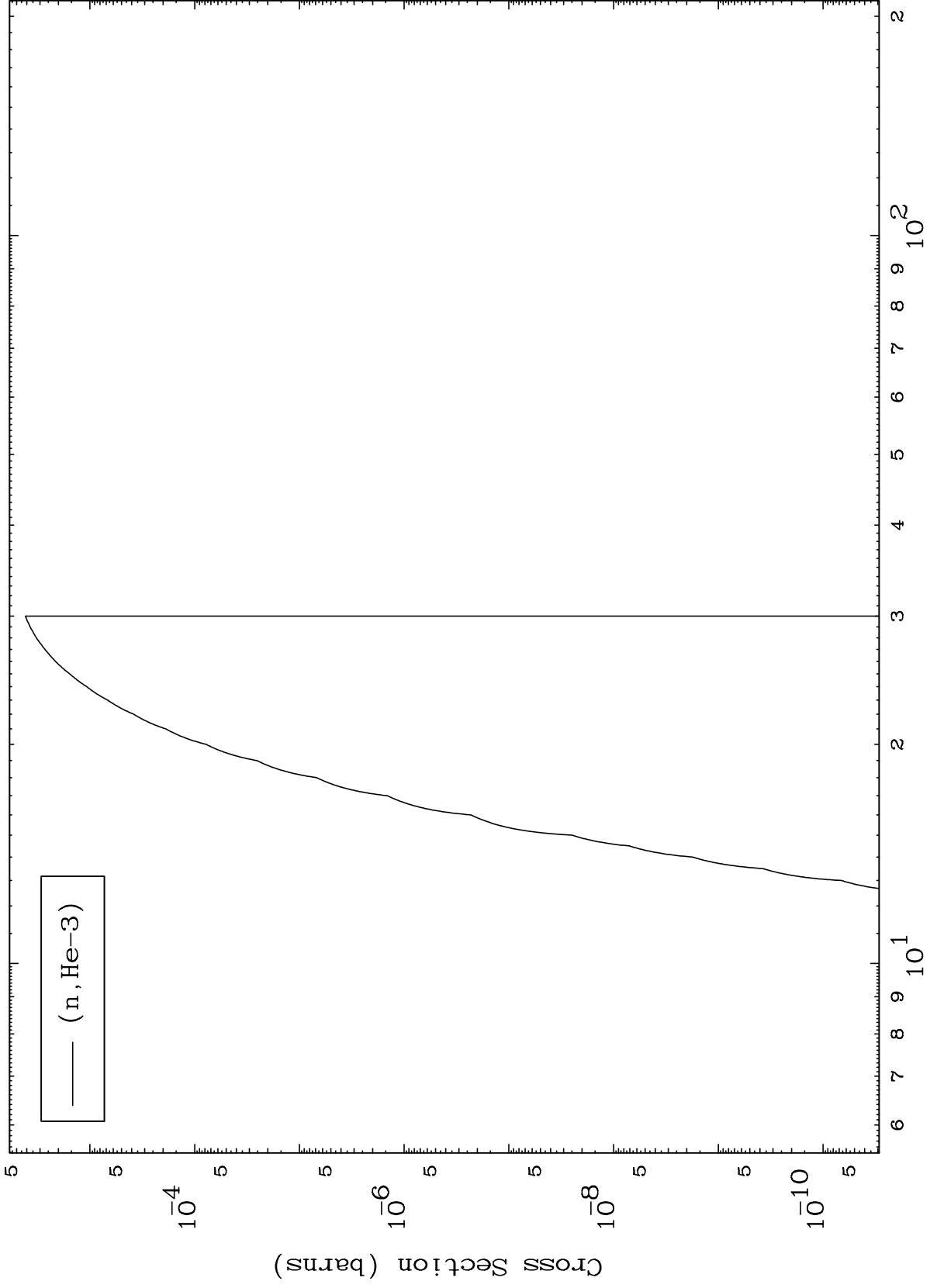
Incident Energy (MeV)

49-In-110

MAT 4916

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-110



15

Incident Energy (MeV)

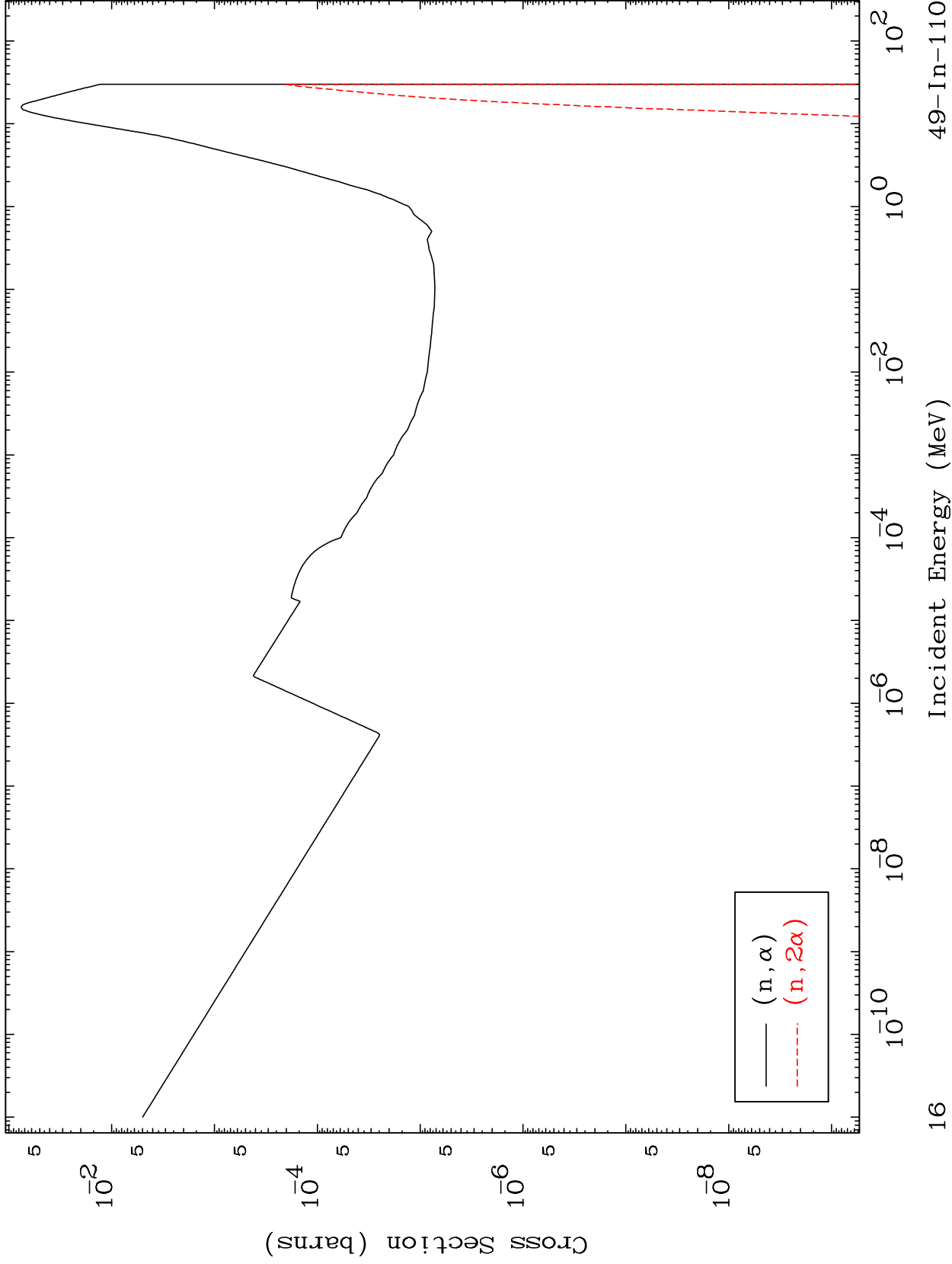
49-In-110



MAT 4916

(n,α) Levels  
293 Kelvin Cross Sections

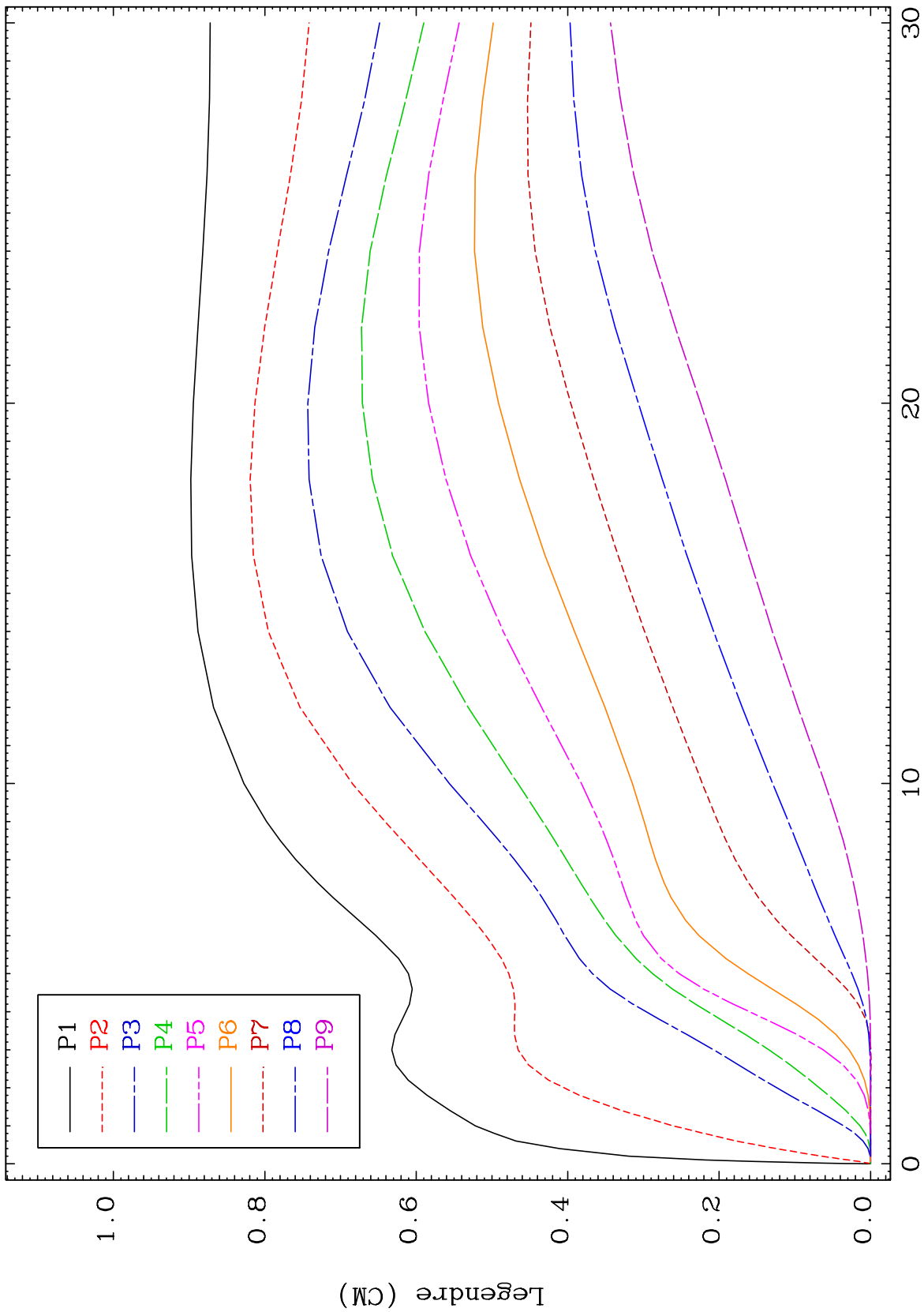
49-In-110



MAT 4916

Elastic Legendre Coefficients

49-In-110



17

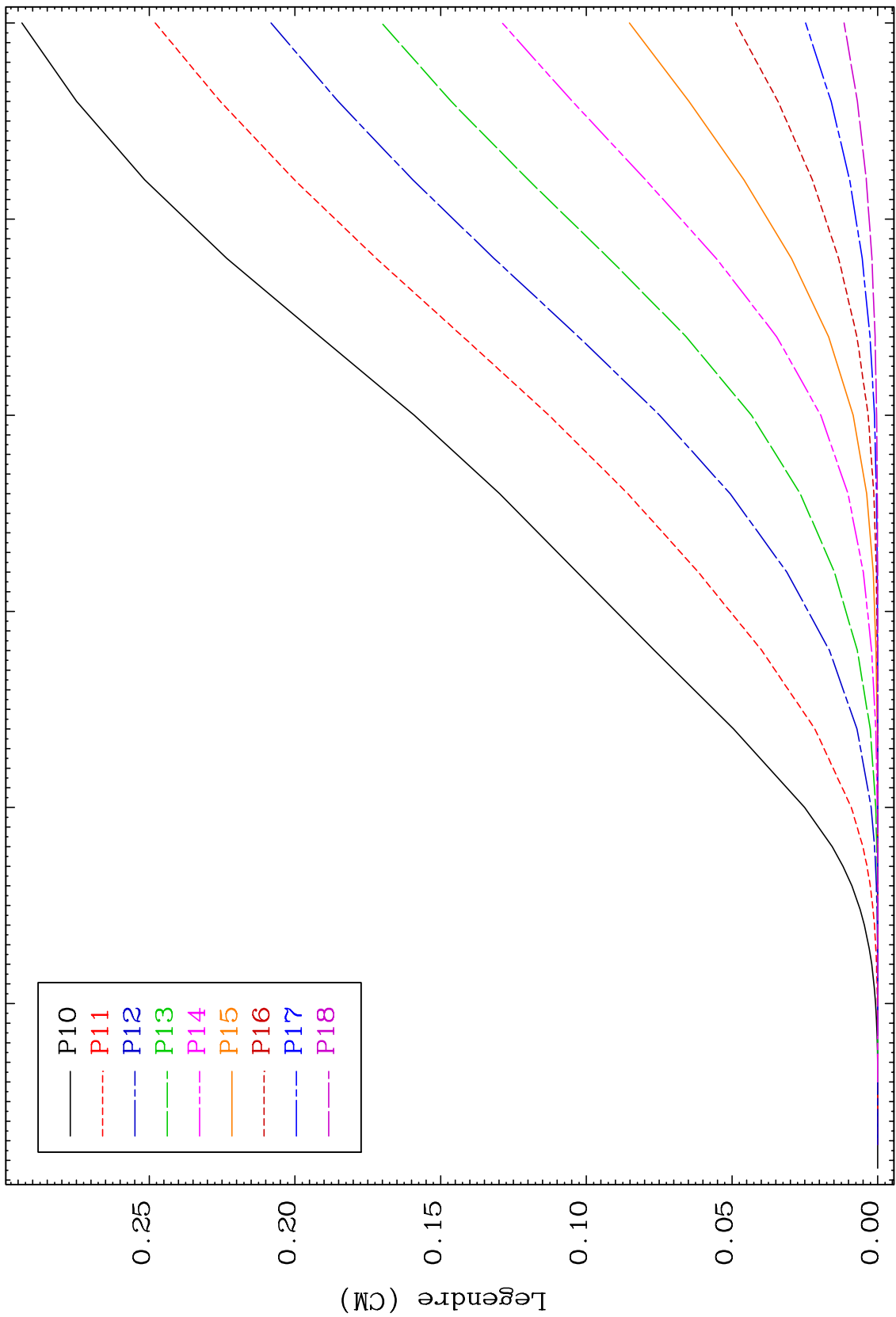
Incident Energy (MeV)

49-In-110

MAT 4916

Elastic Legendre Coefficients

49-In-110



18

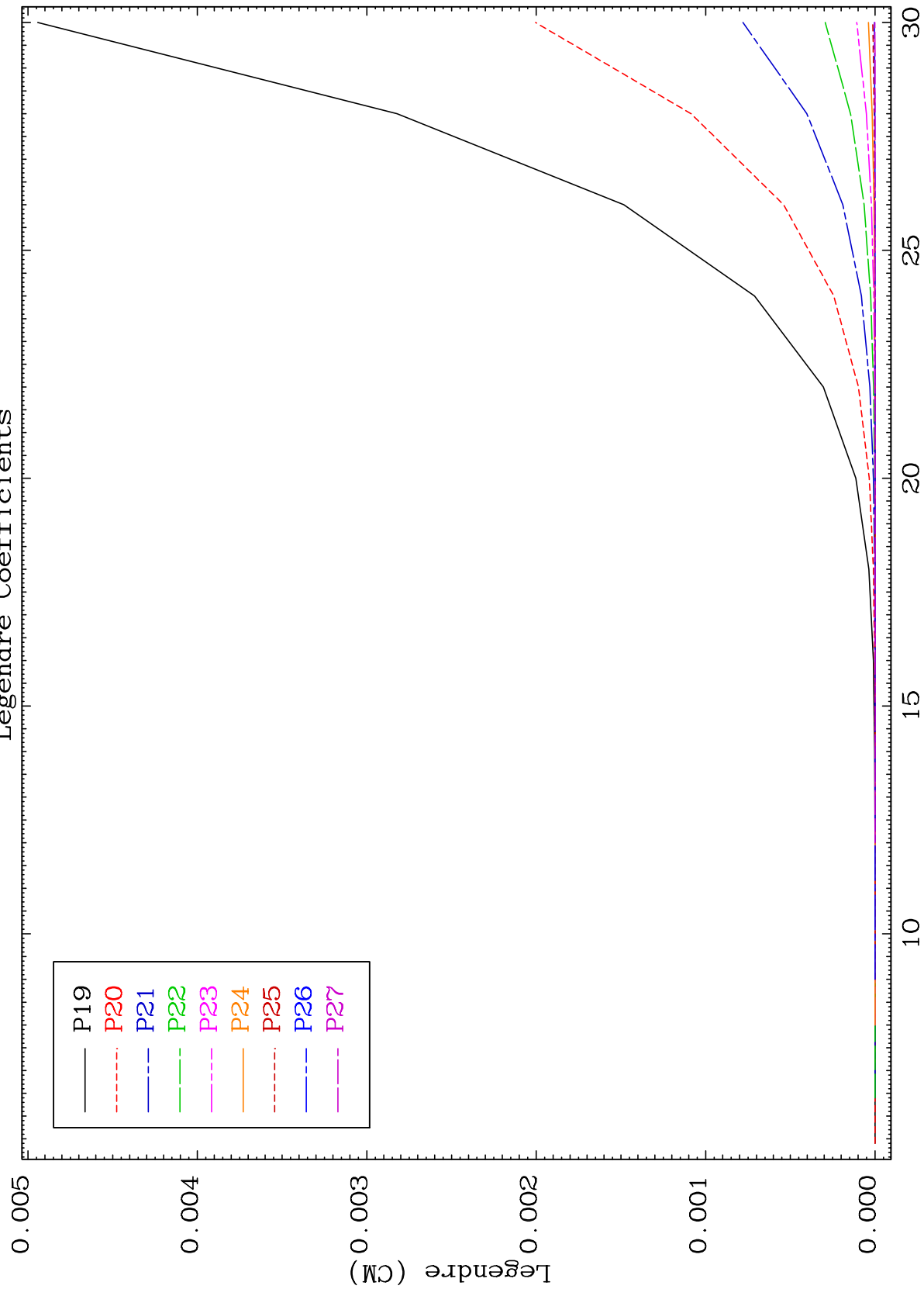
Incident Energy (MeV)

49-In-110

MAT 4916

Elastic Legendre Coefficients

49-In-110



19

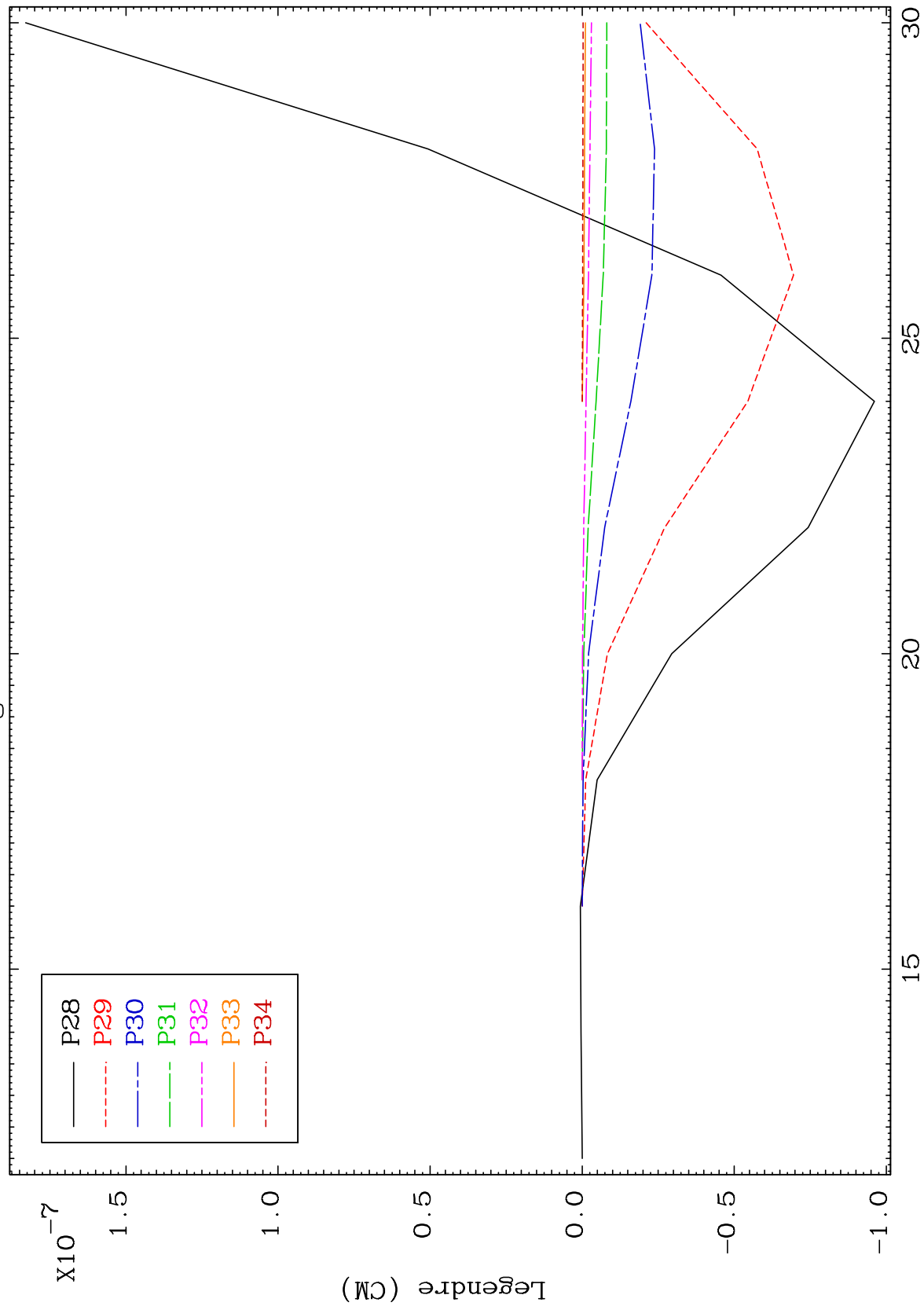
Incident Energy (MeV)

49-In-110

MAT 4916

Elastic  
Legendre Coefficients

49-In-110



20

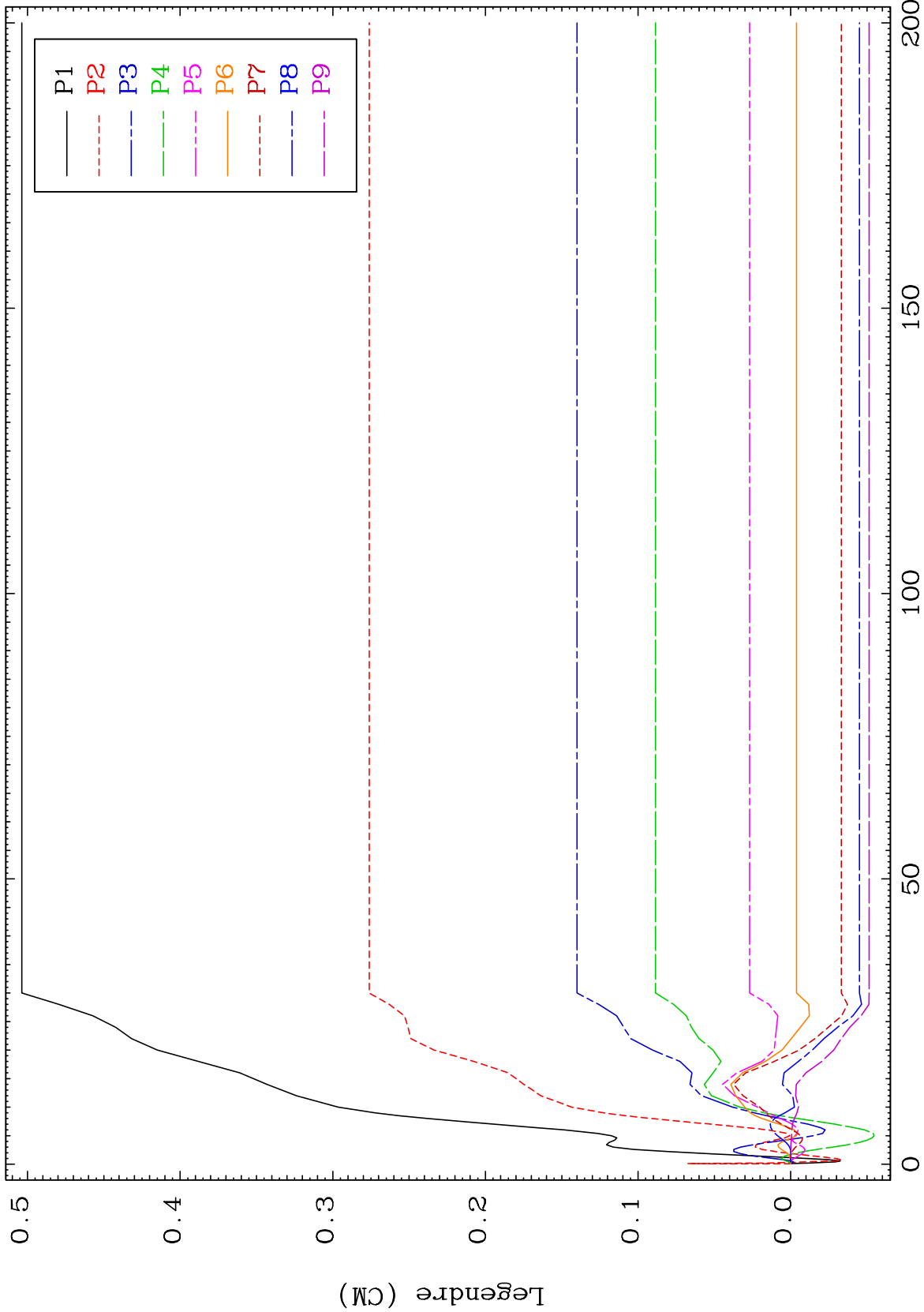
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



49-In-110

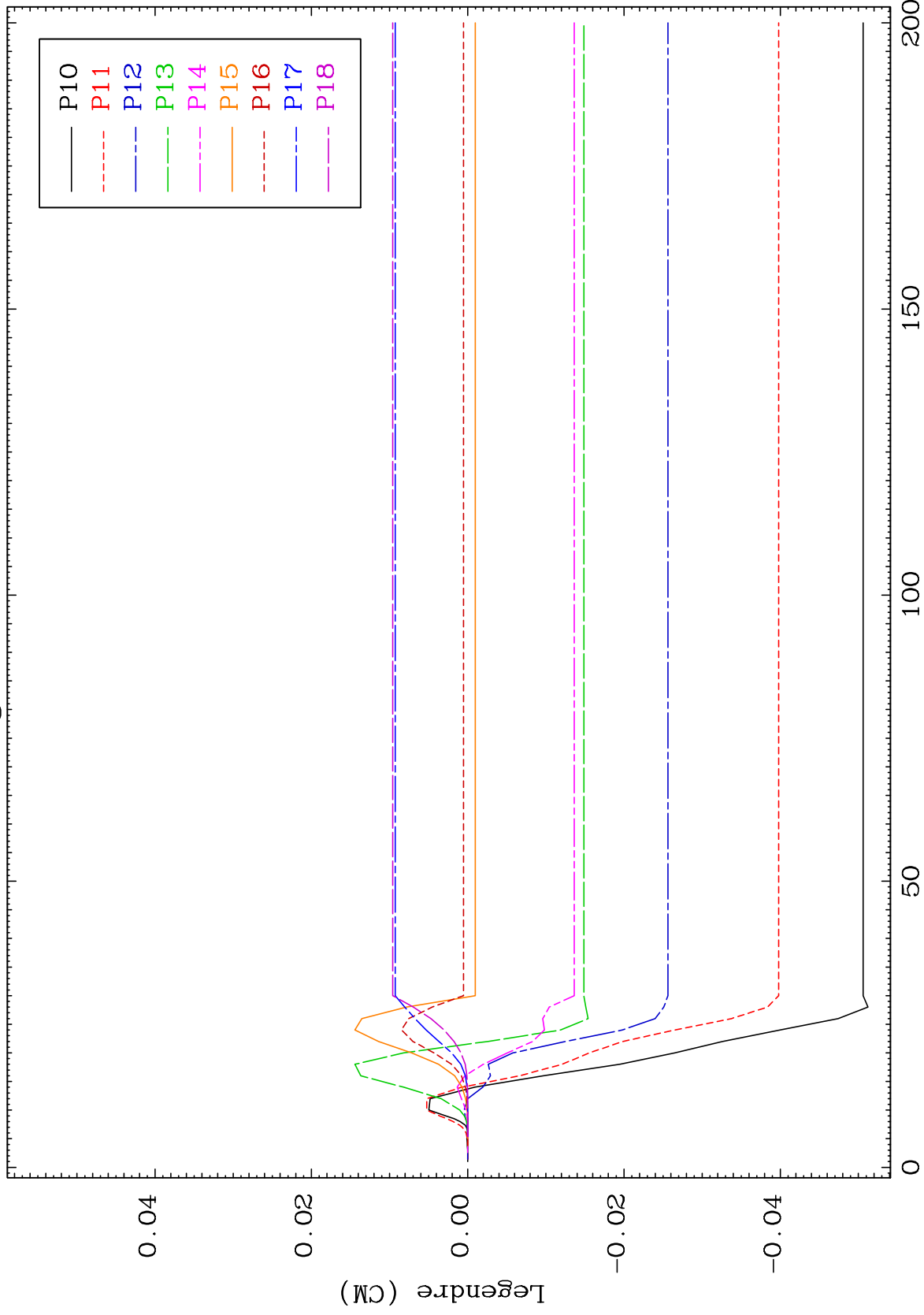
Incident Energy (MeV)

21

MAT 4916

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

49-In-110



22

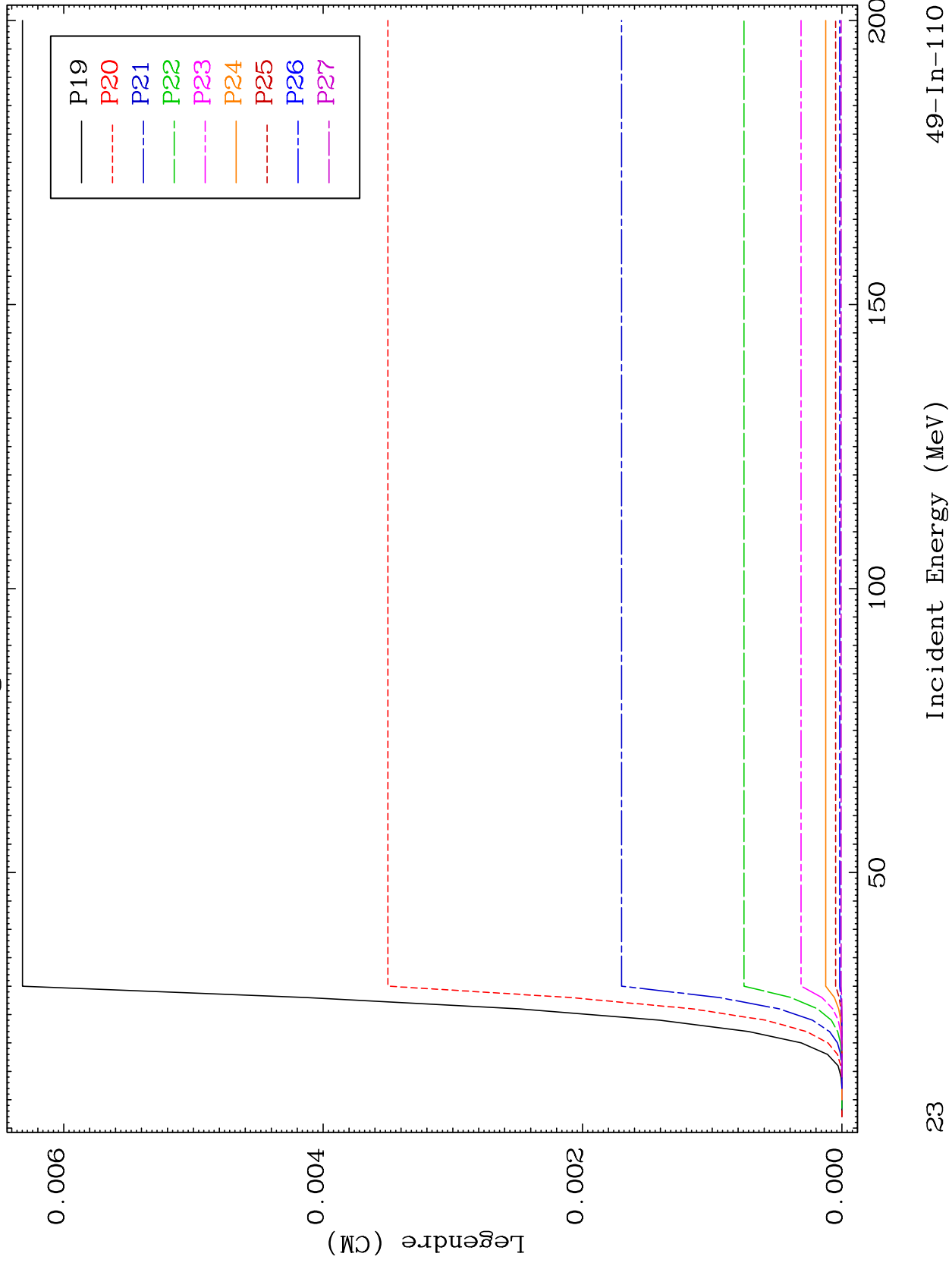
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



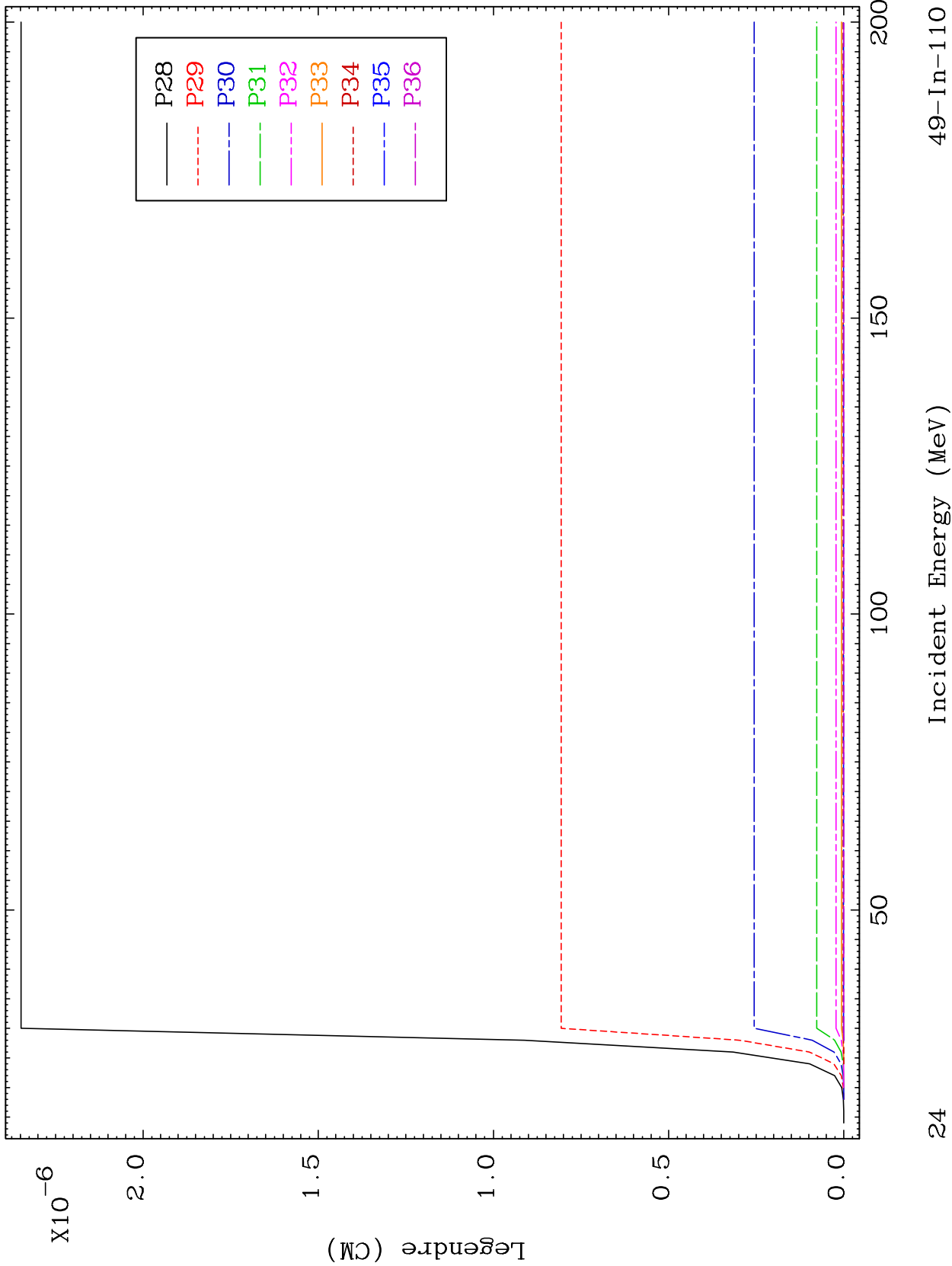
23



MAT 4916

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

49-In-110



24

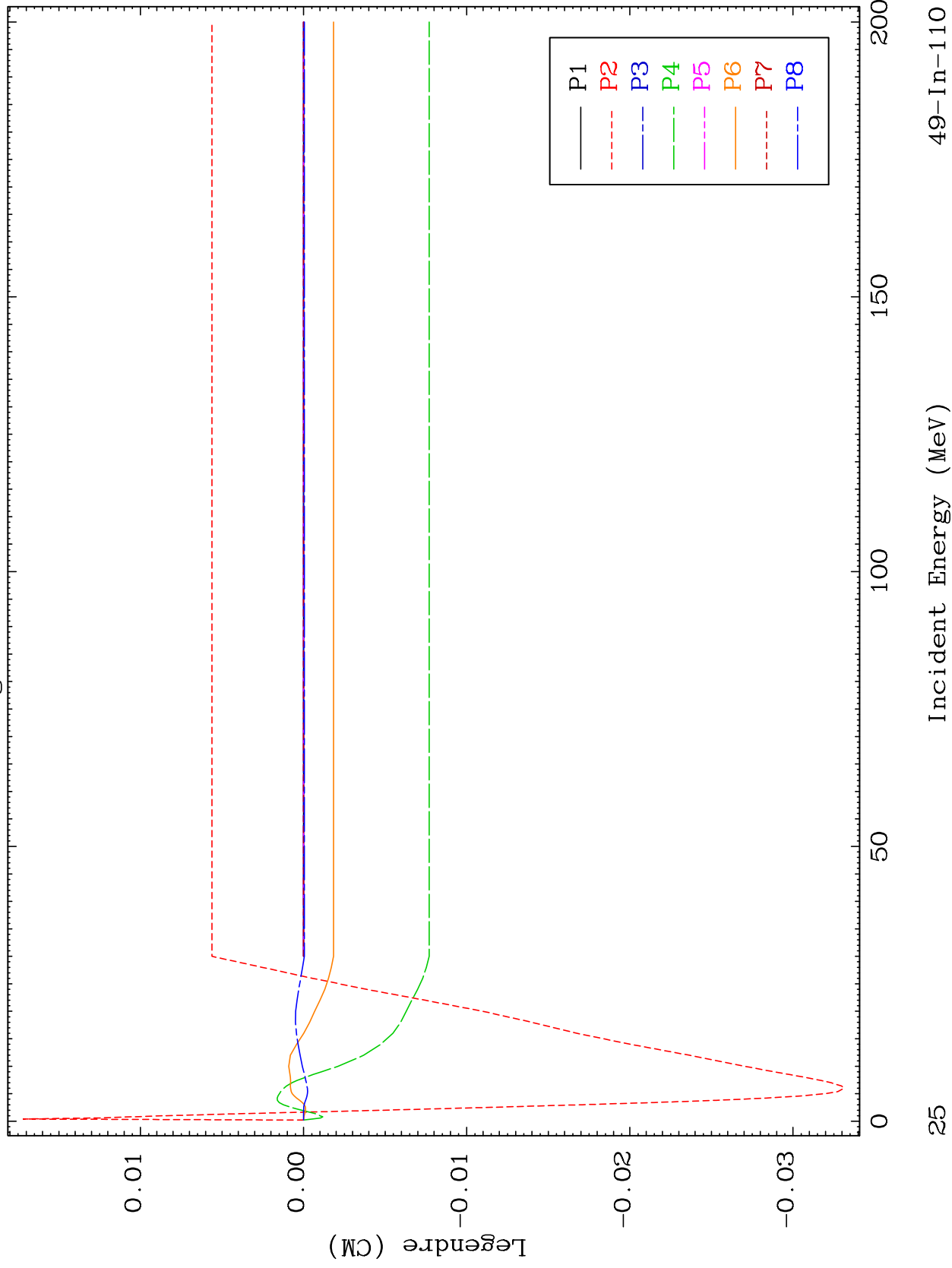
Incident Energy (MeV)

49-In-110

MAT 4916

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

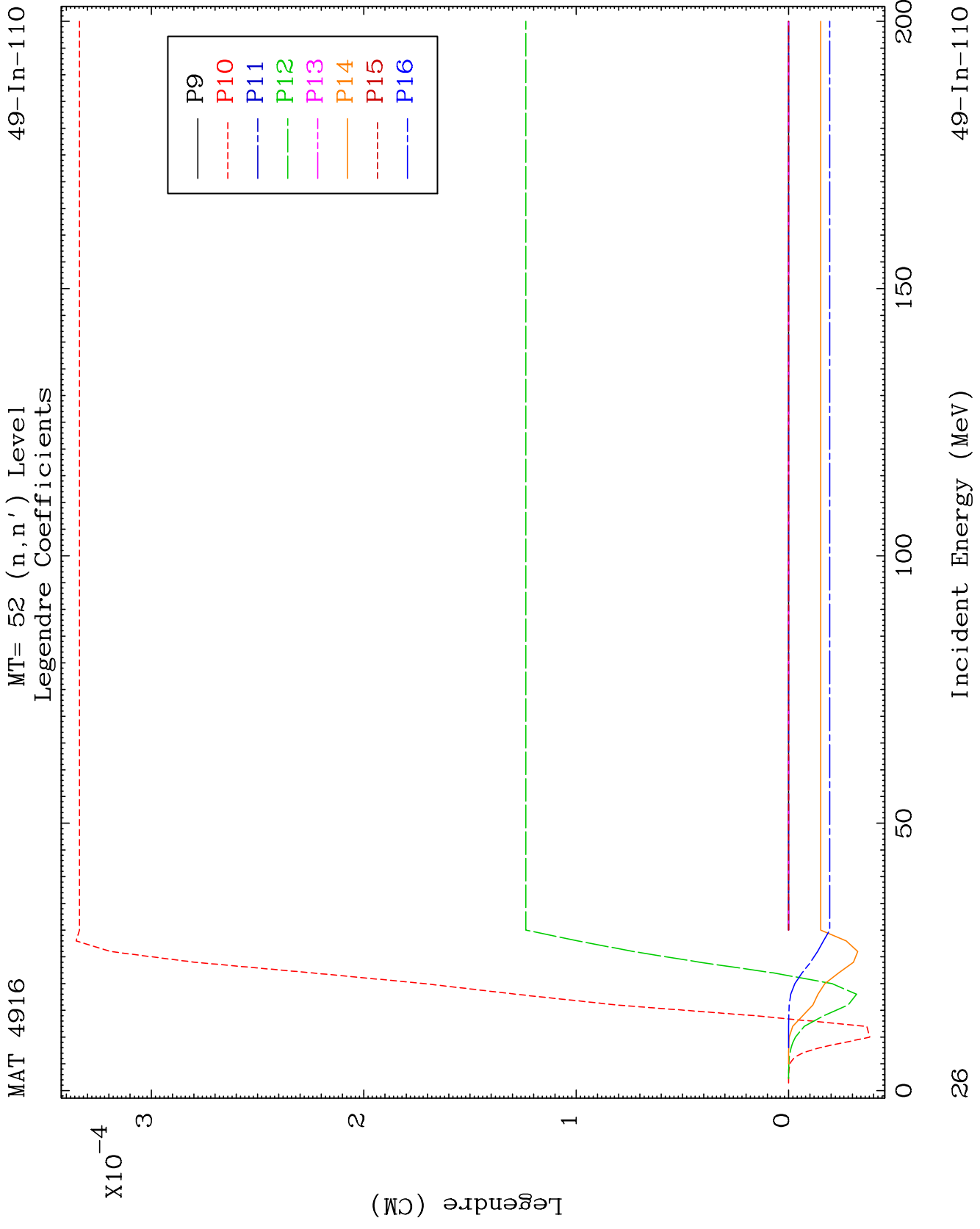
49-In-110

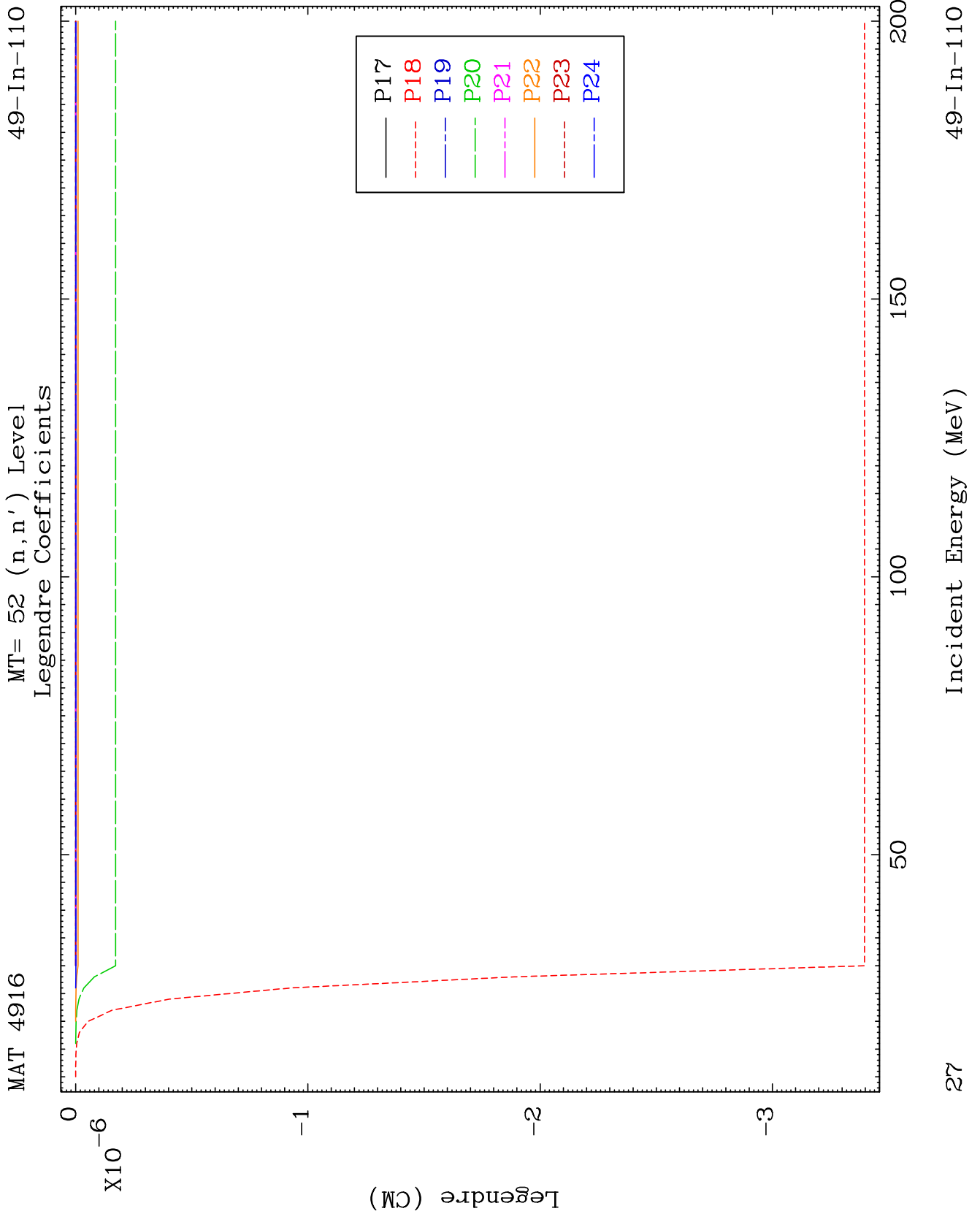


49-In-110

Incident Energy (MeV)

25

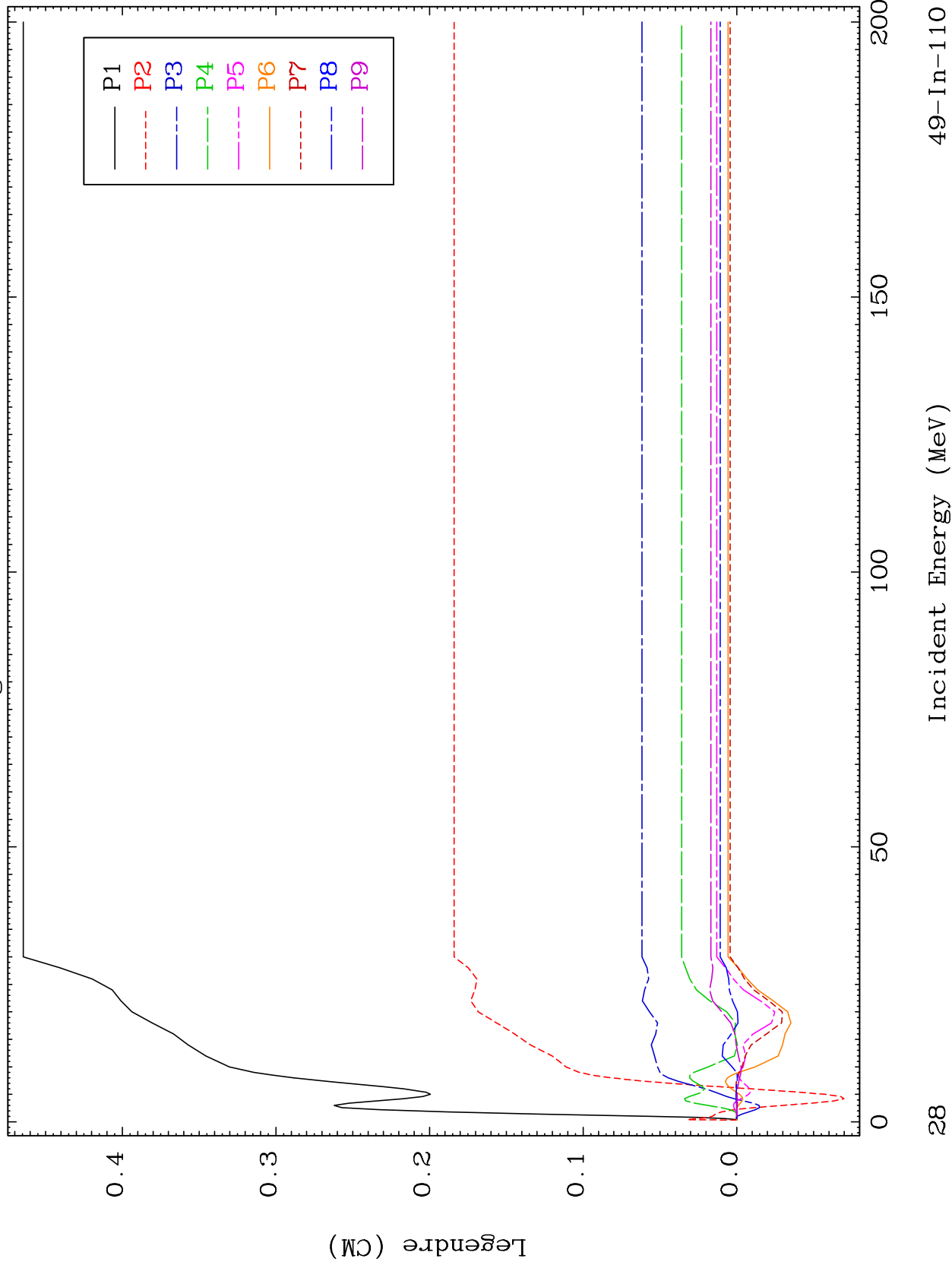




MAT 4916

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

49-In-110



28

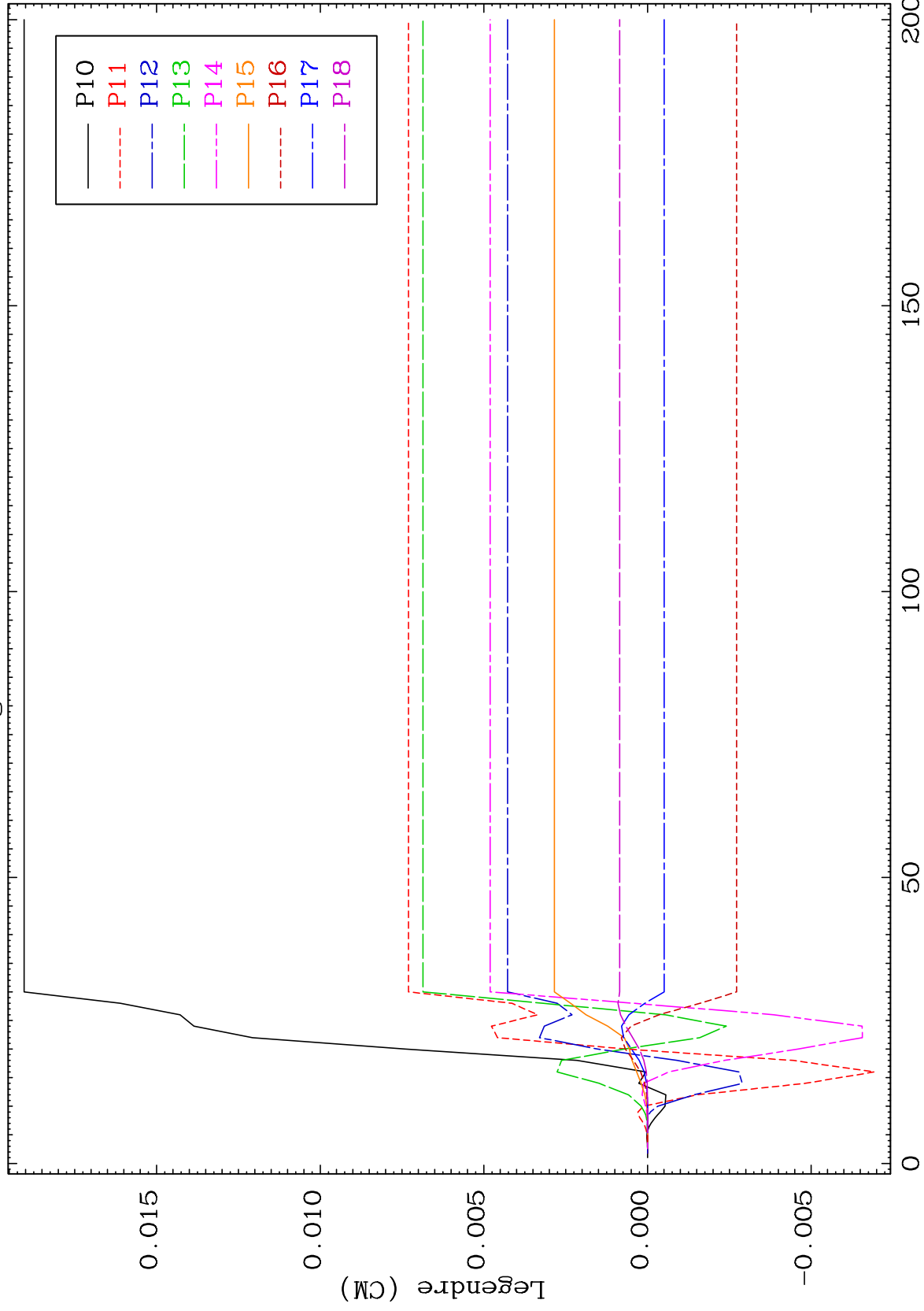
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



29

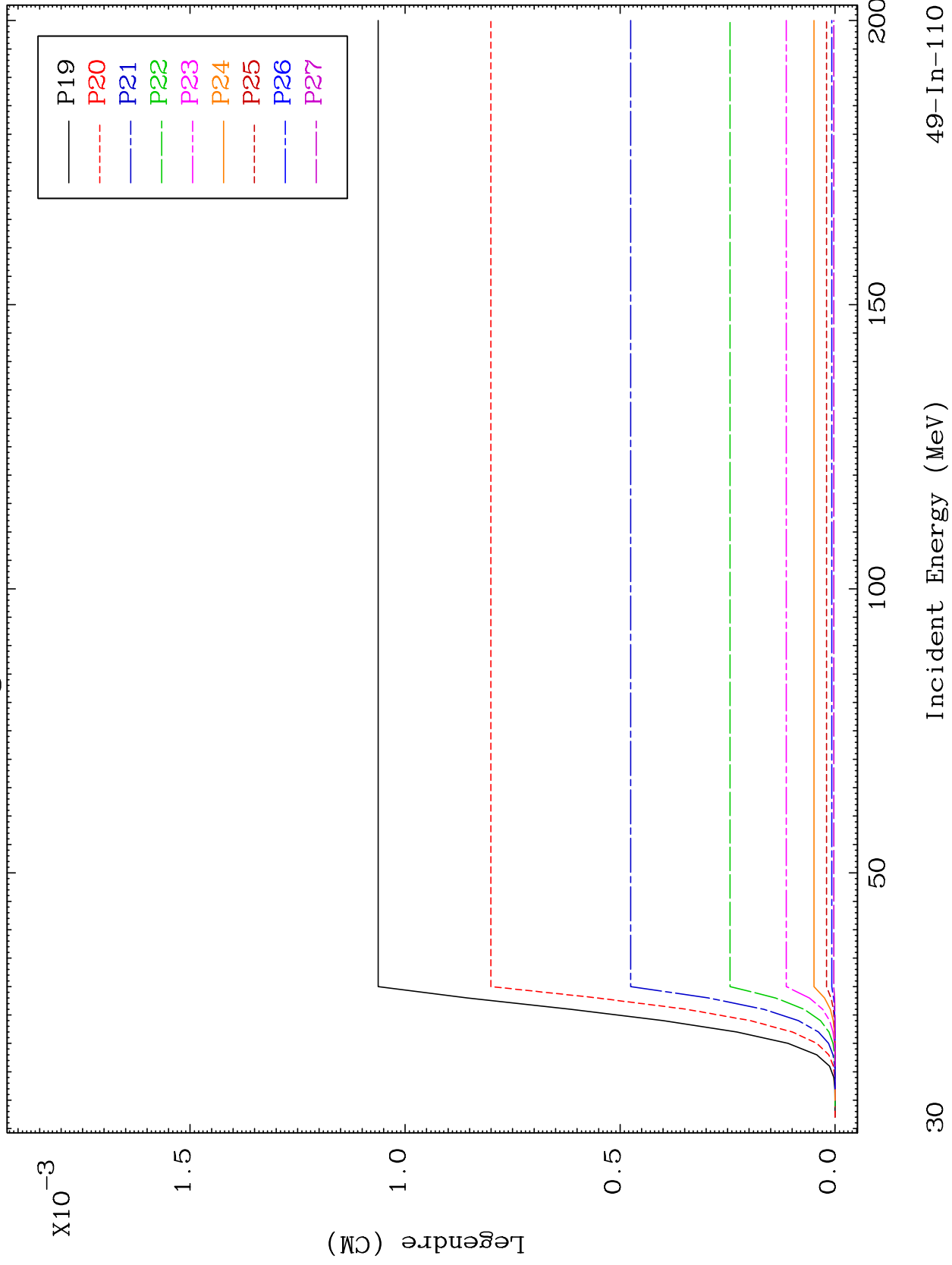
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



49-In-110

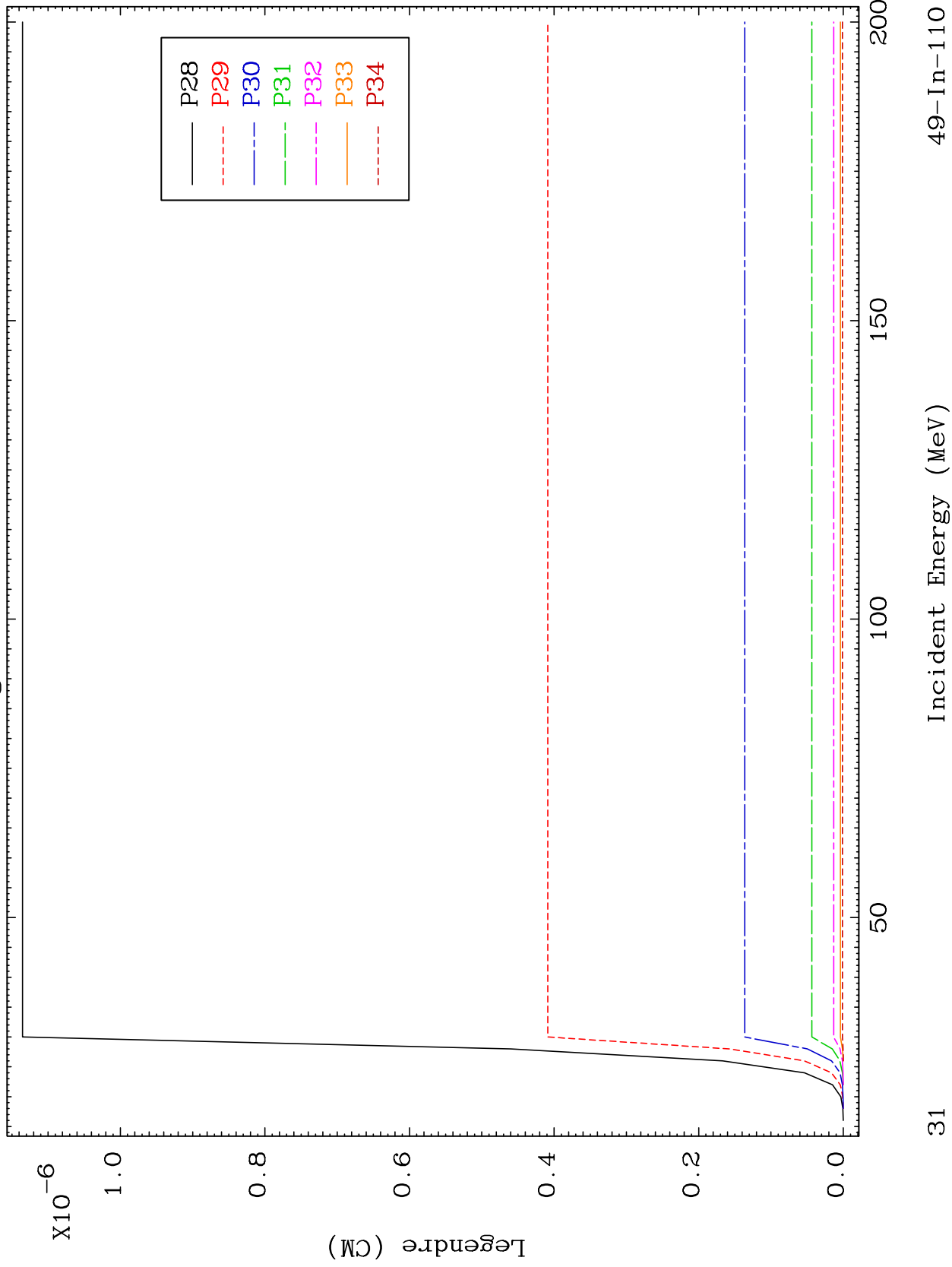
Incident Energy (MeV)

30

MAT 4916

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

49-In-110



31

Incident Energy (MeV)

49-In-110

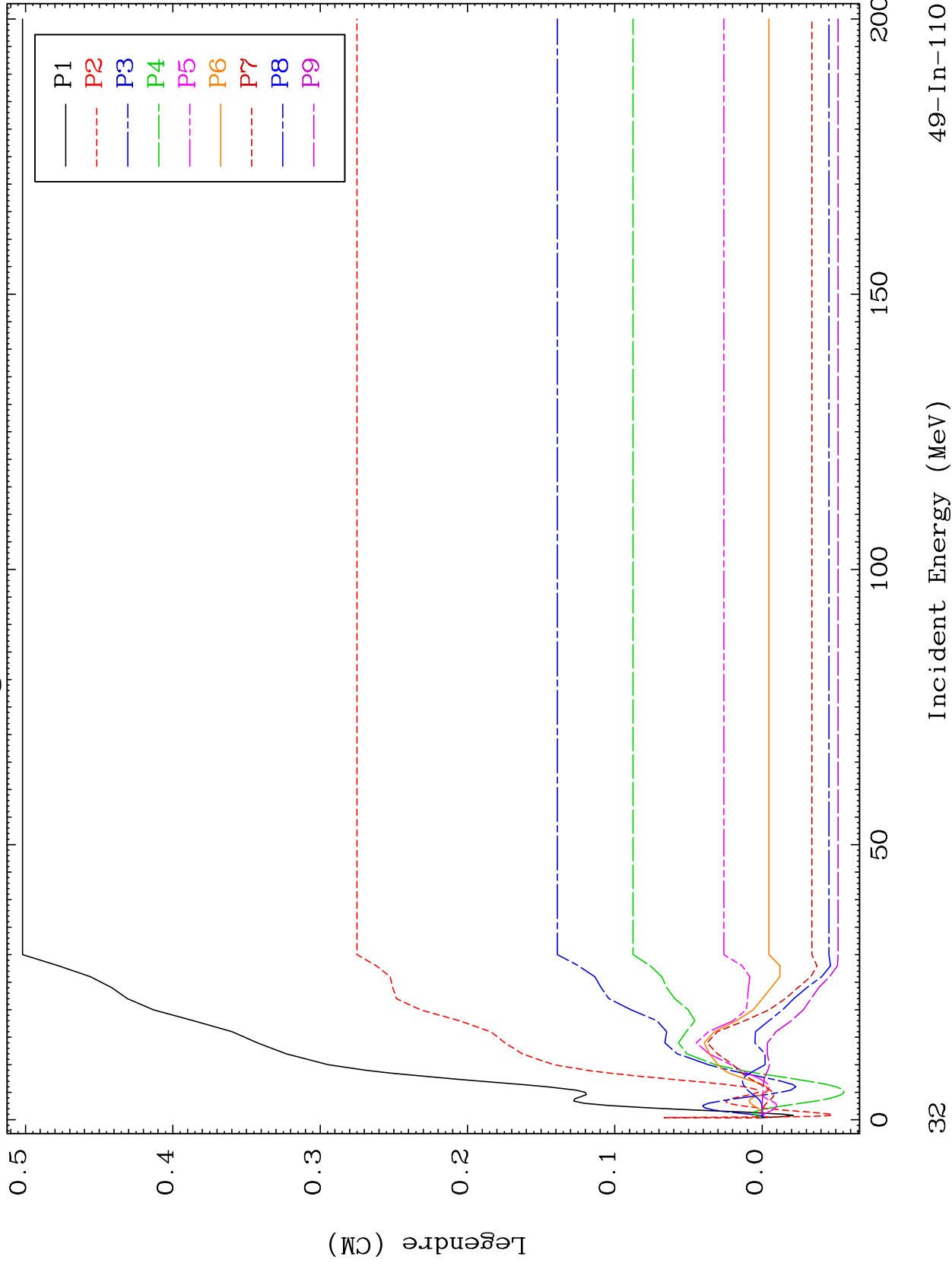


MAT 4916

MT= 54 (n,n') Level

49-In-110

Legendre Coefficients



32

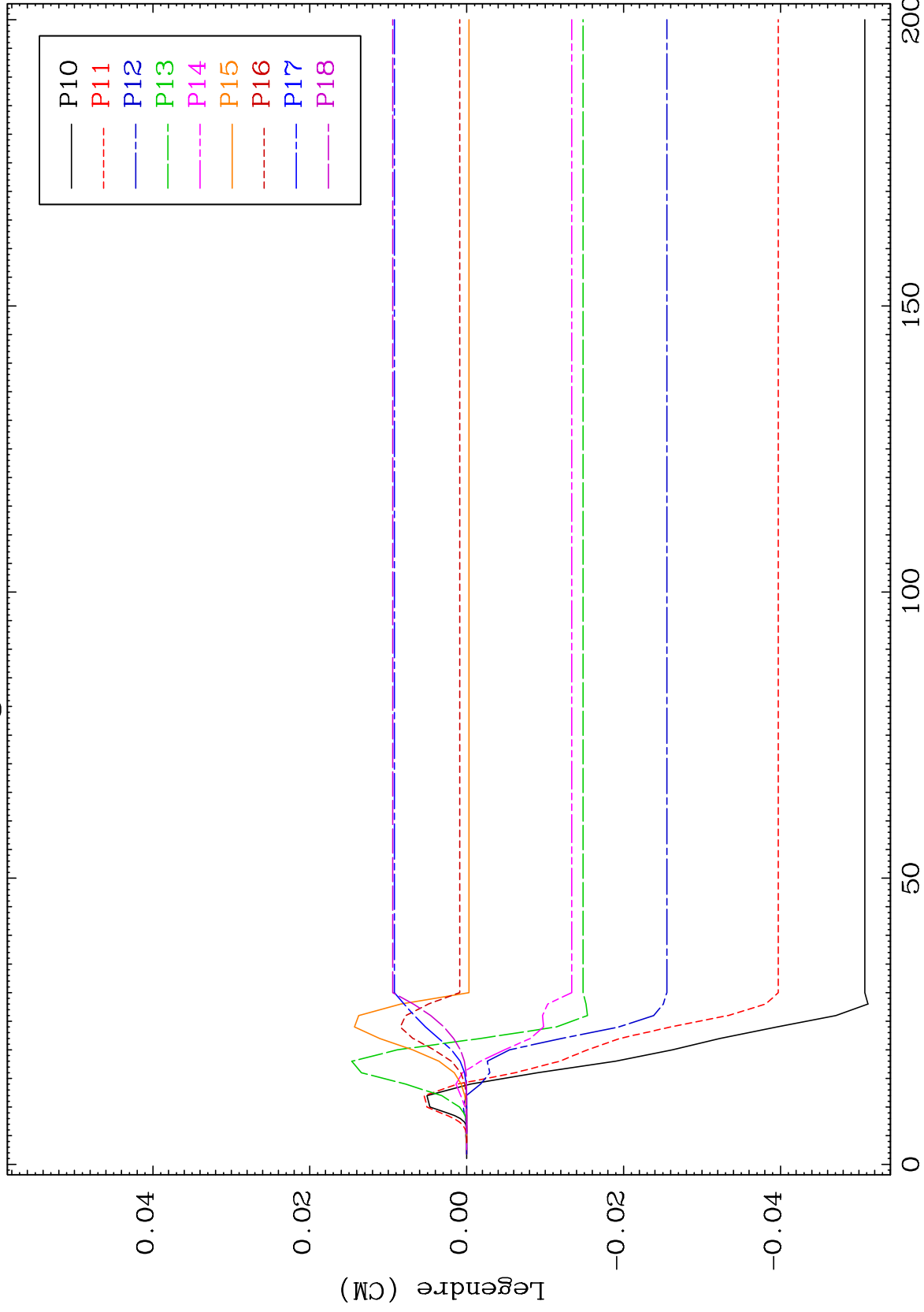
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



33

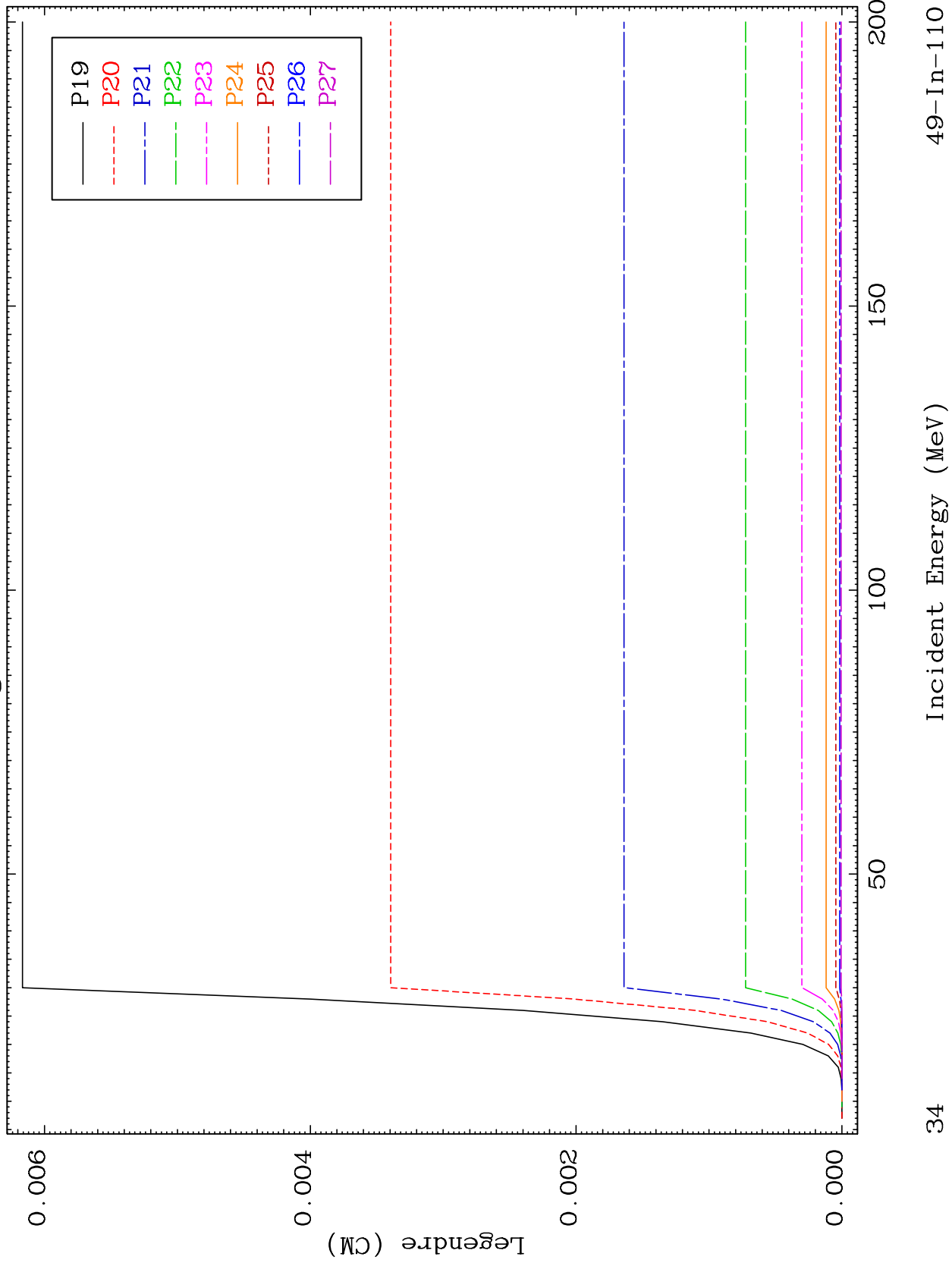
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



34

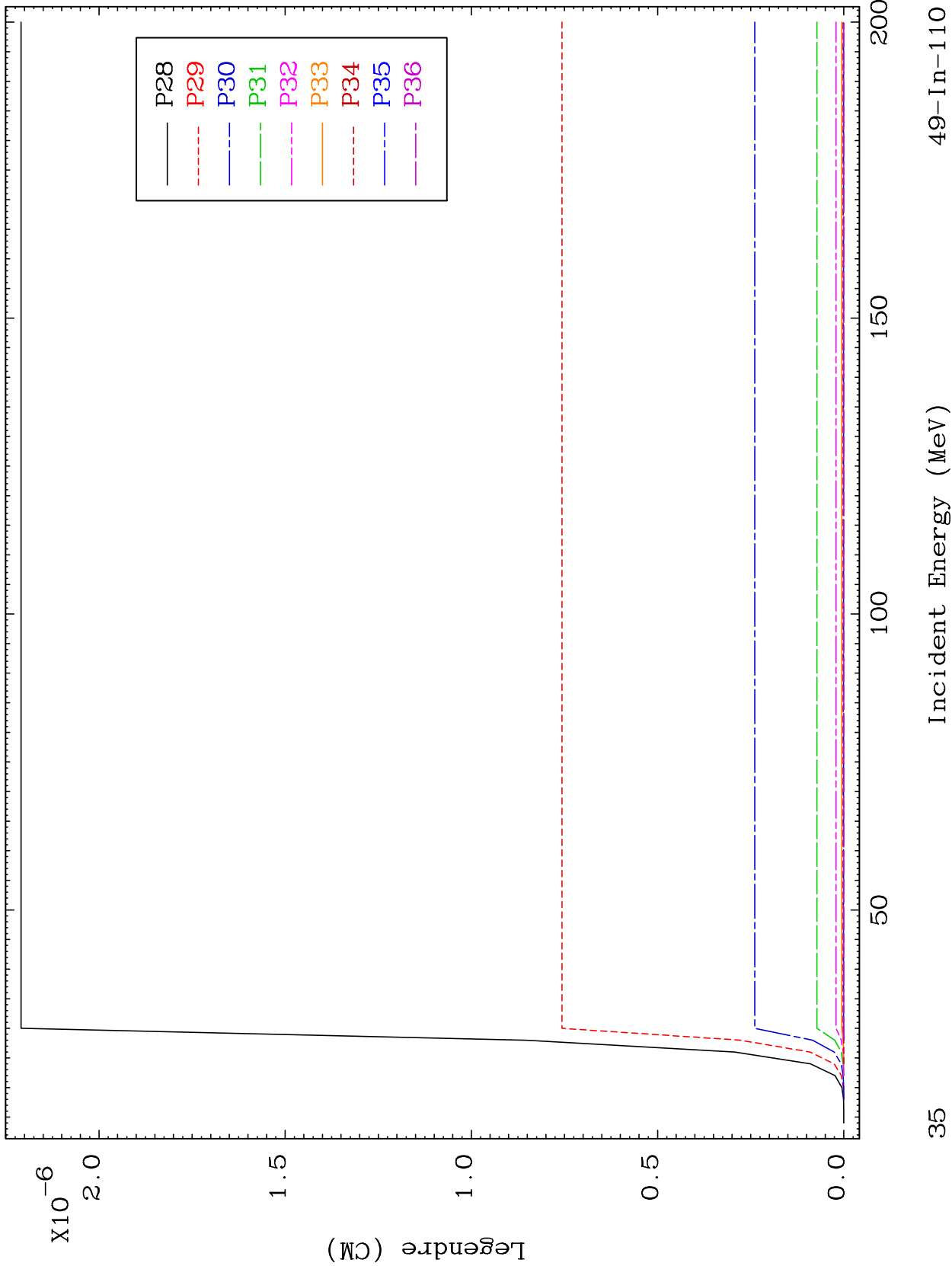
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



35

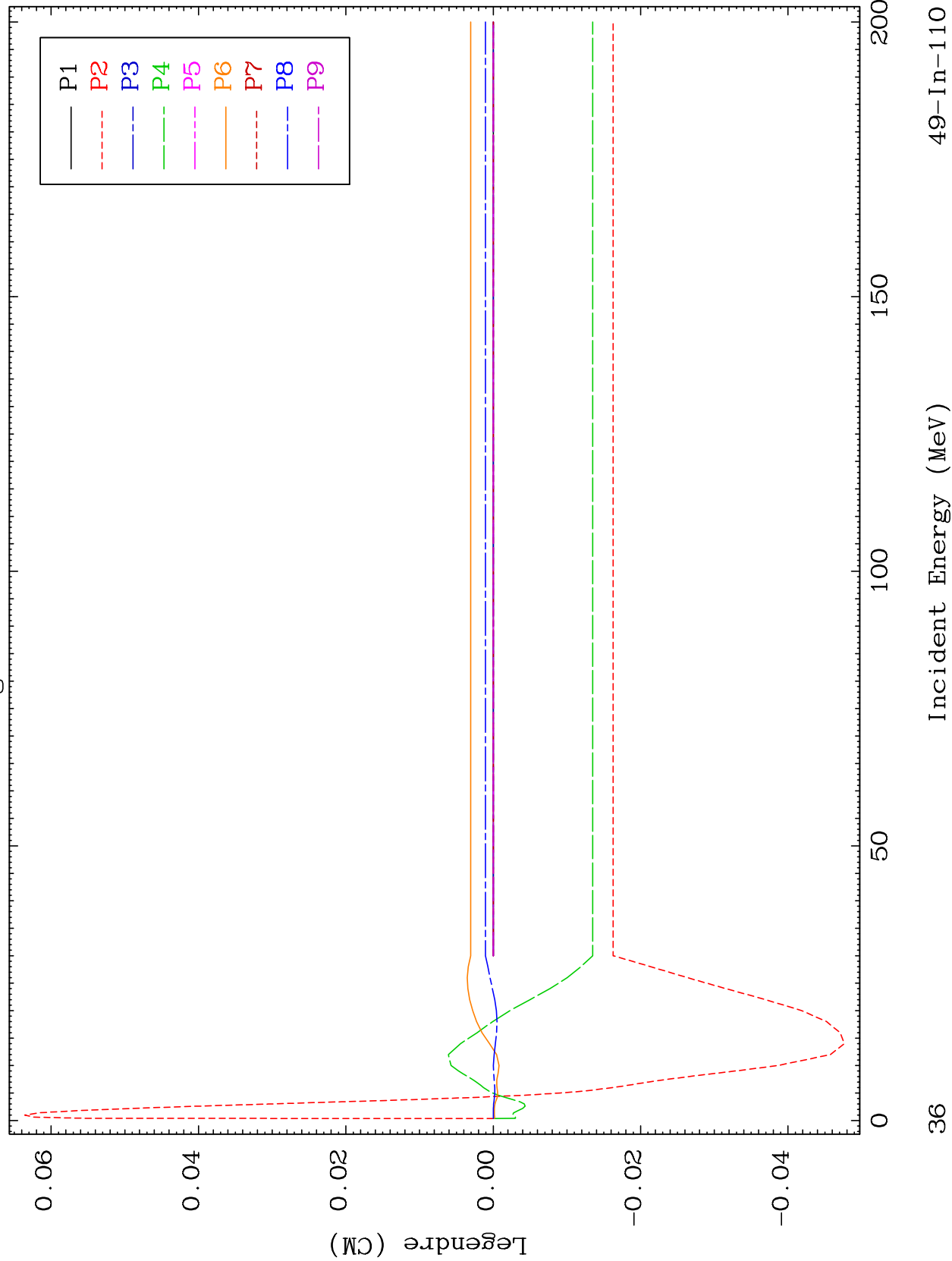
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



49-In-110

Incident Energy (MeV)

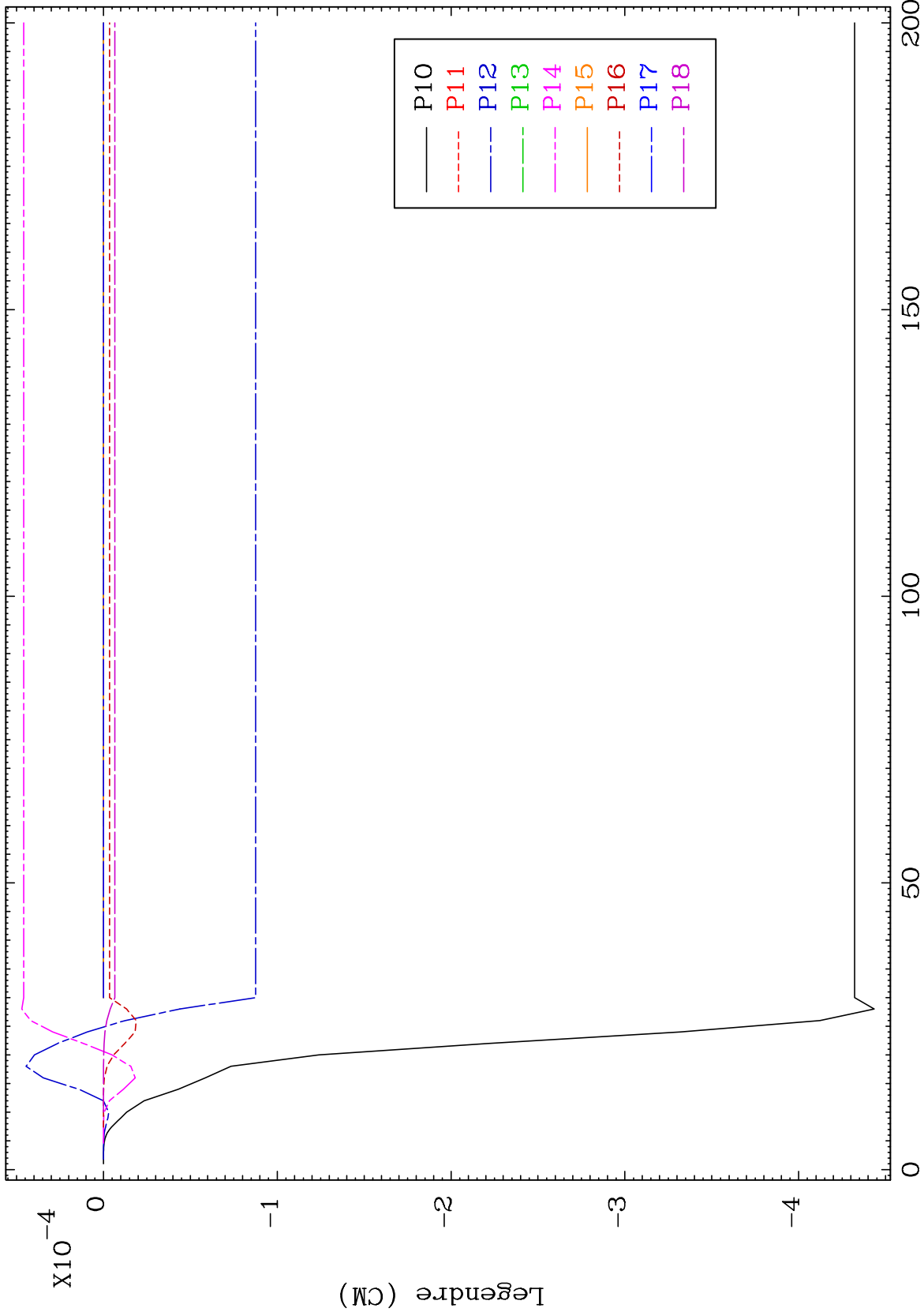
36

MAT 4916

MT= 55 (n,n') Level

49-In-110

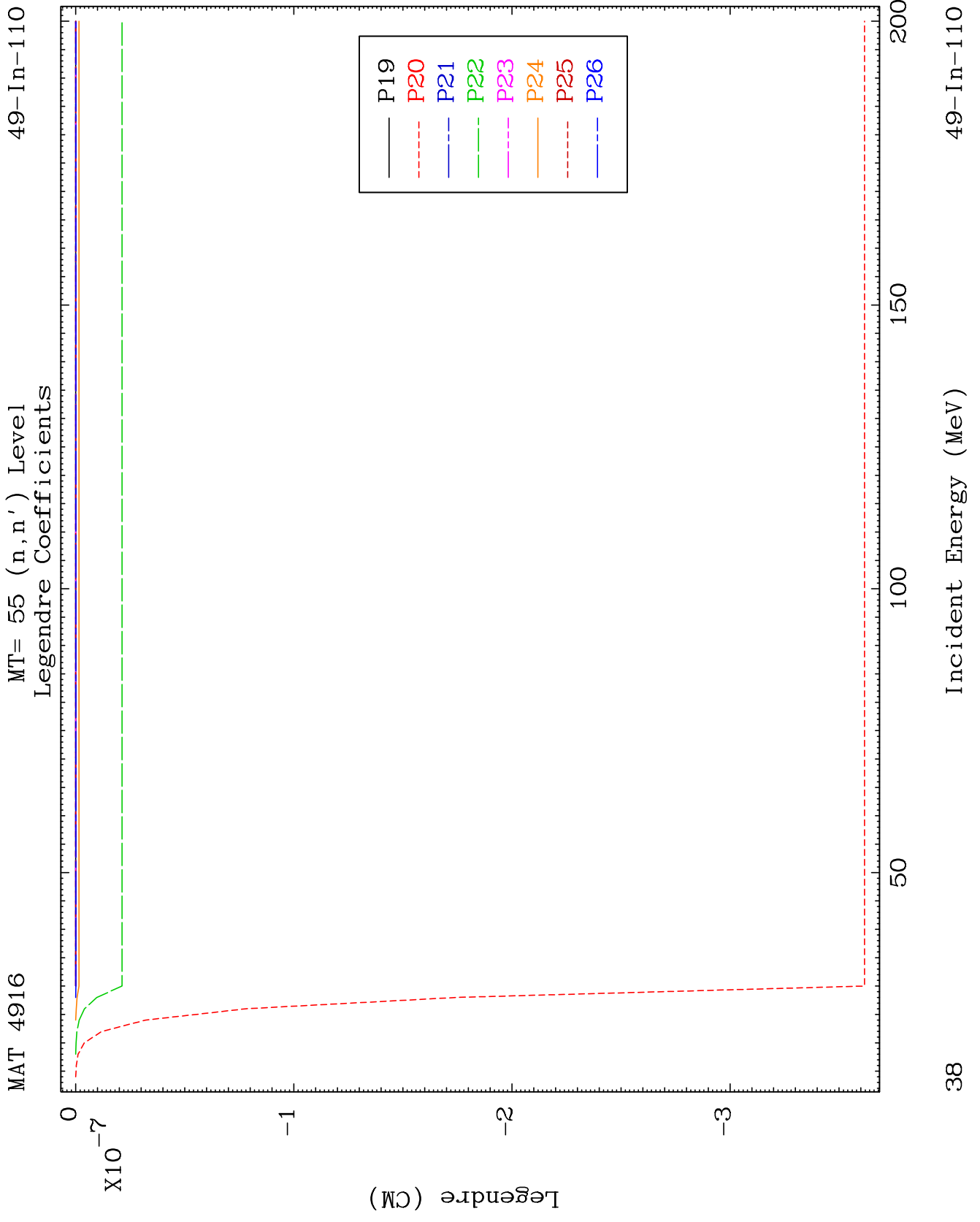
Legendre Coefficients



37

Incident Energy (MeV)

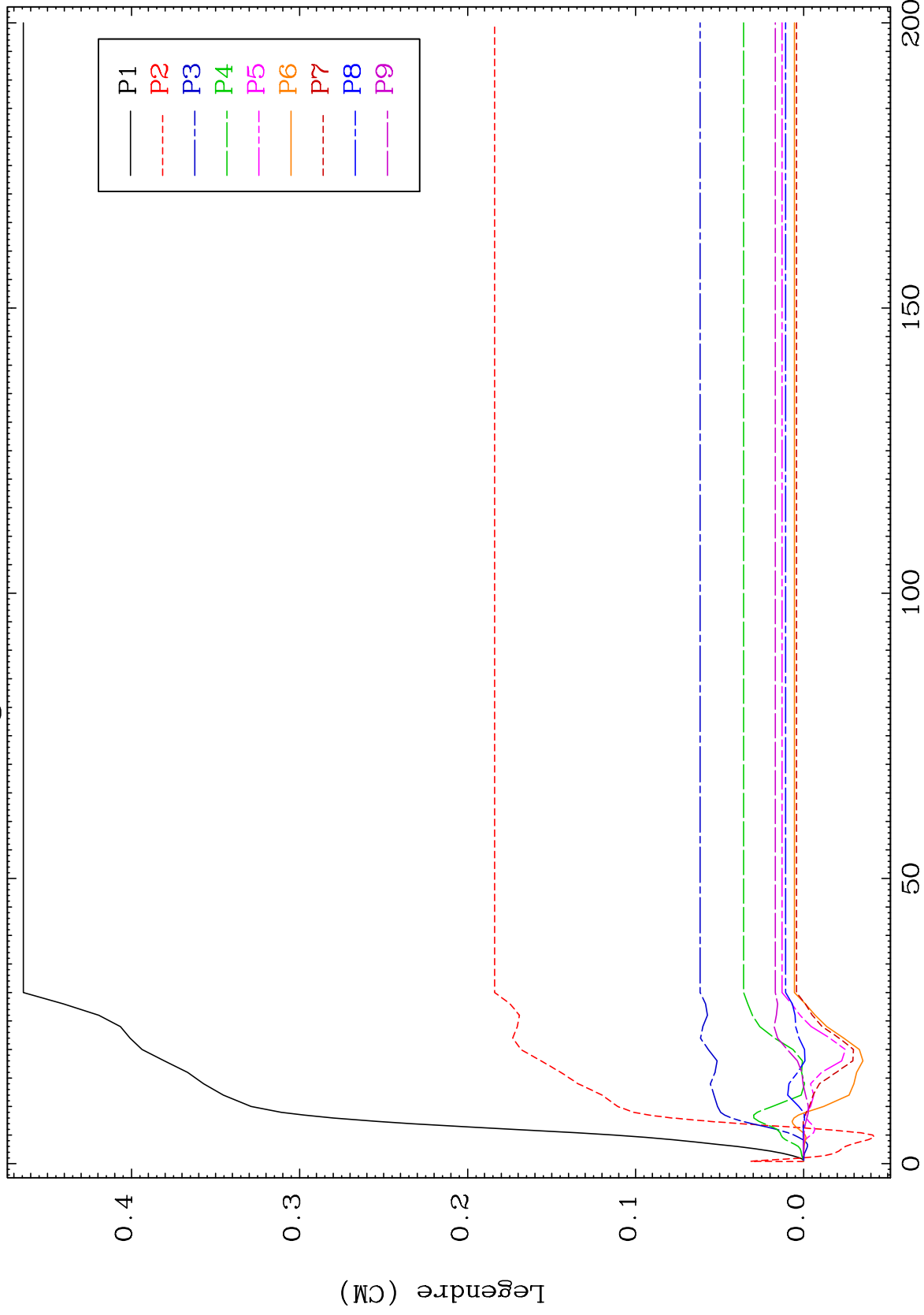
49-In-110



MAT 4916

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

49-In-110



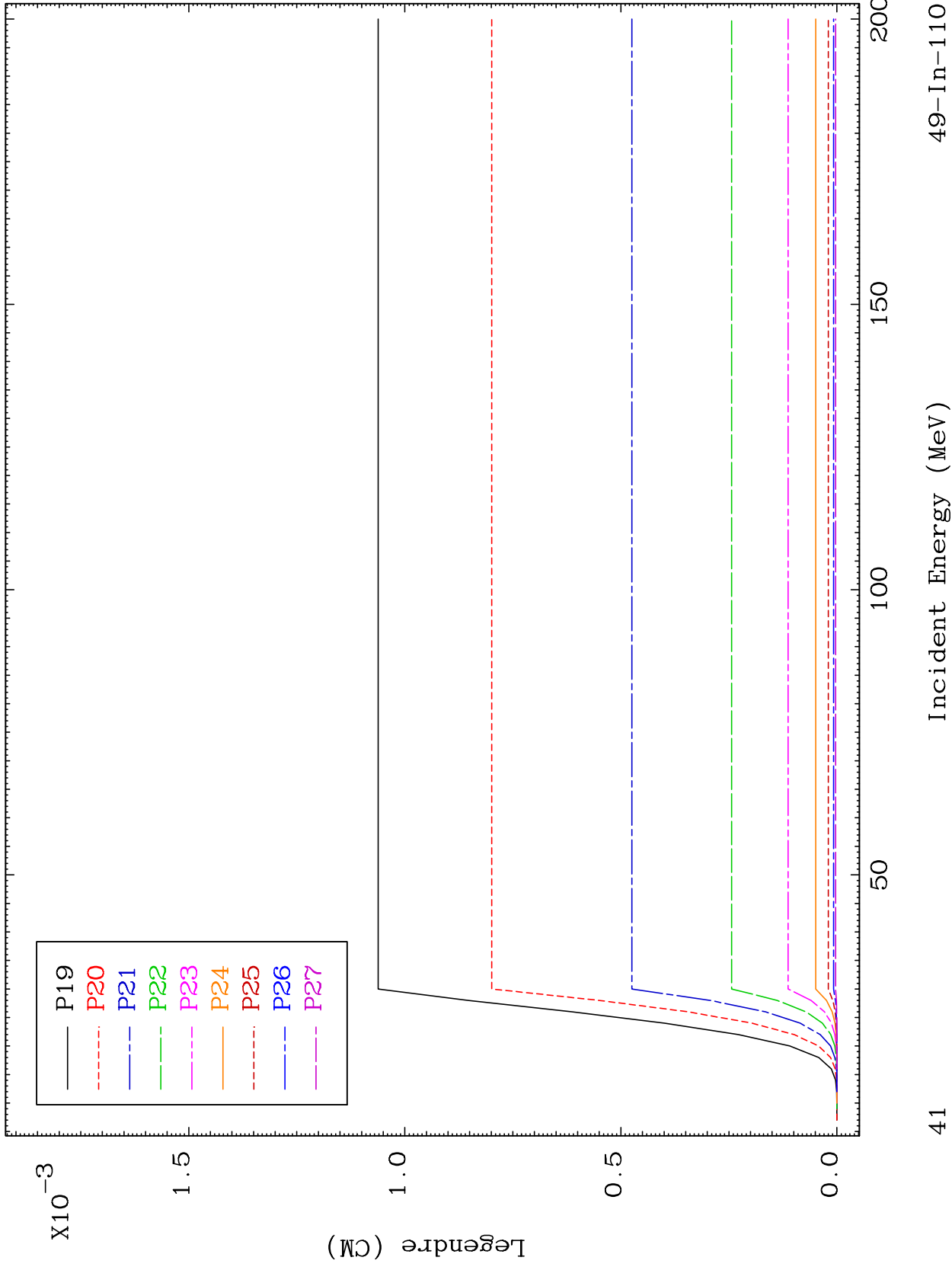
39

Incident Energy (MeV)

49-In-110



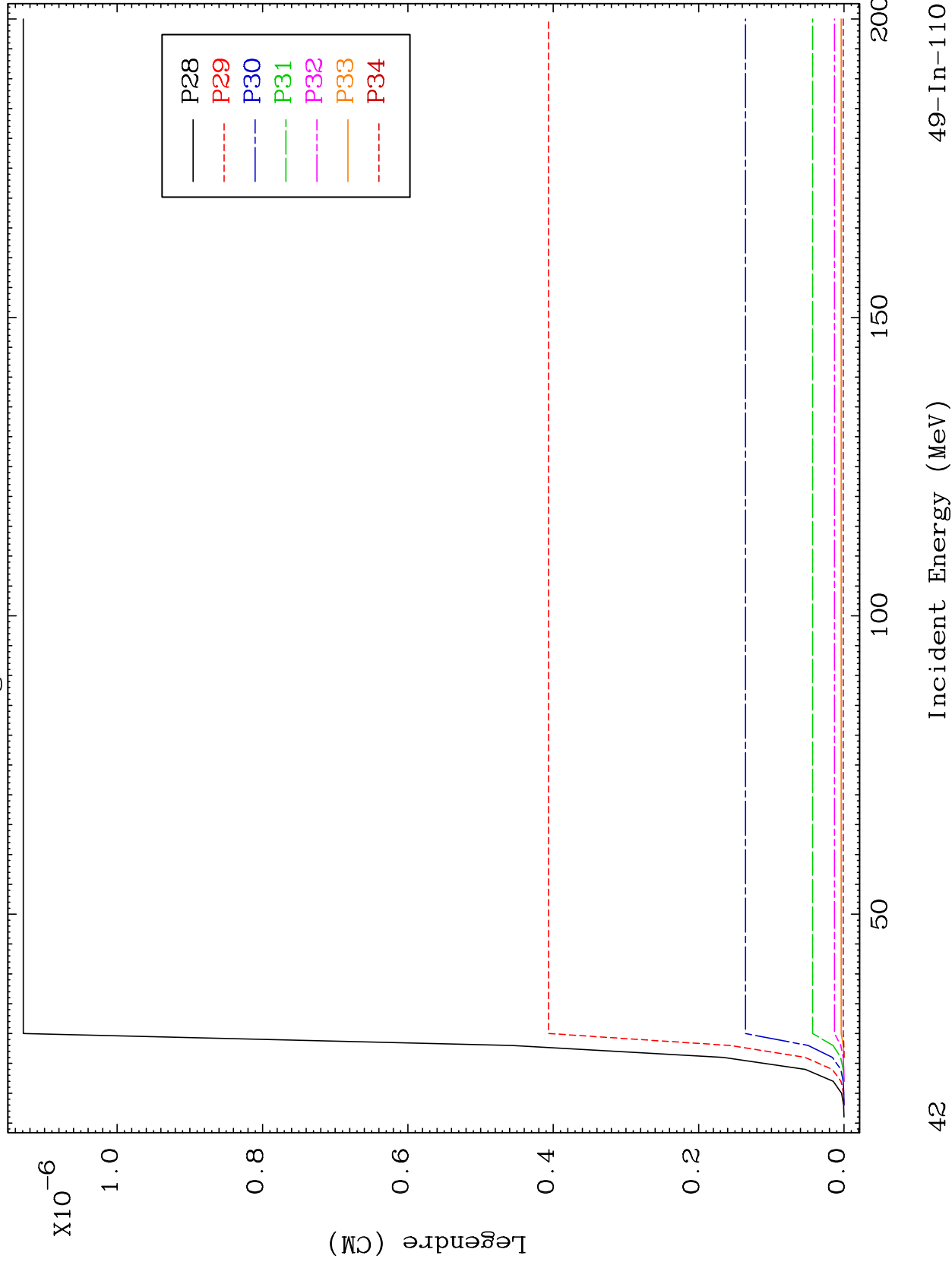


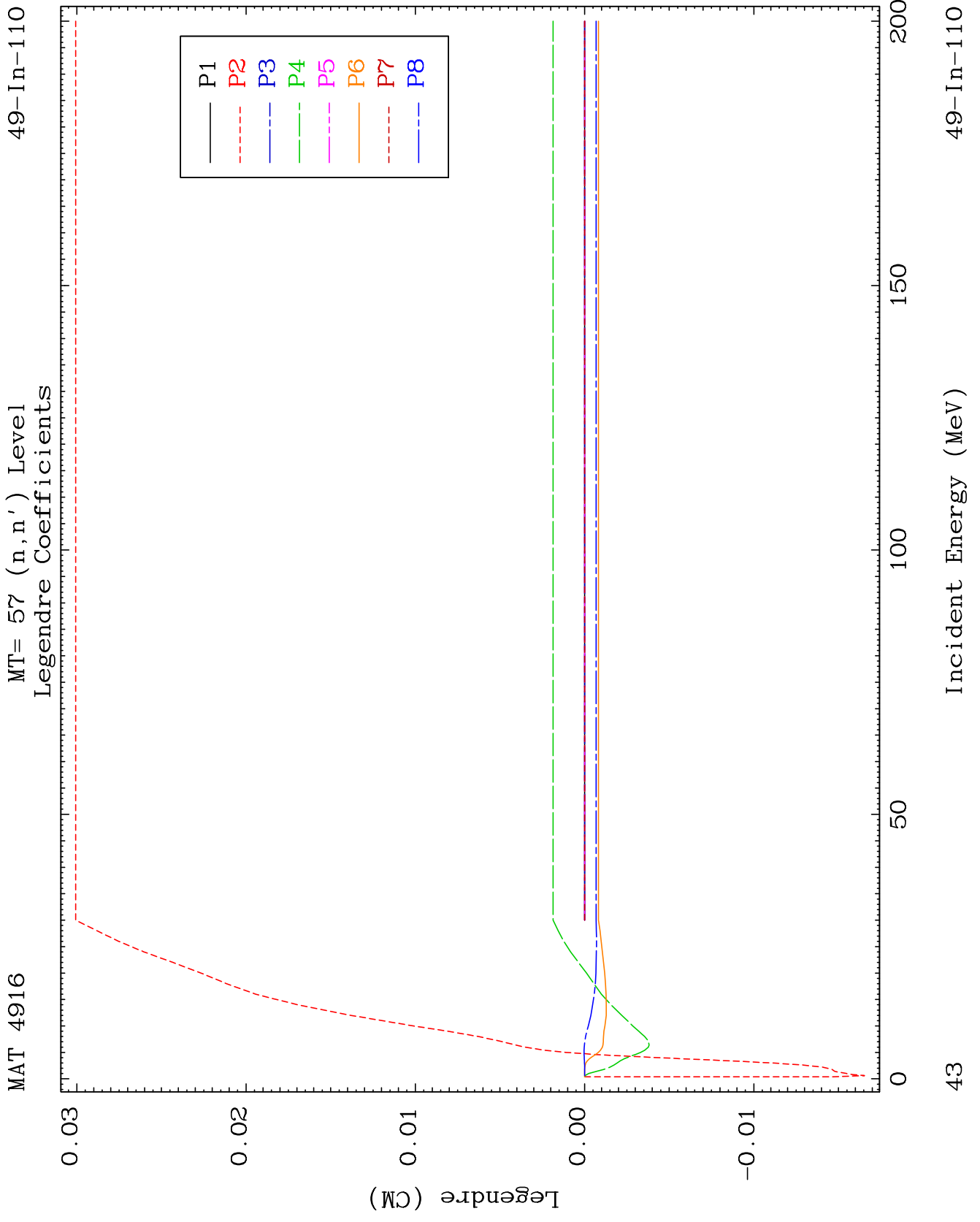


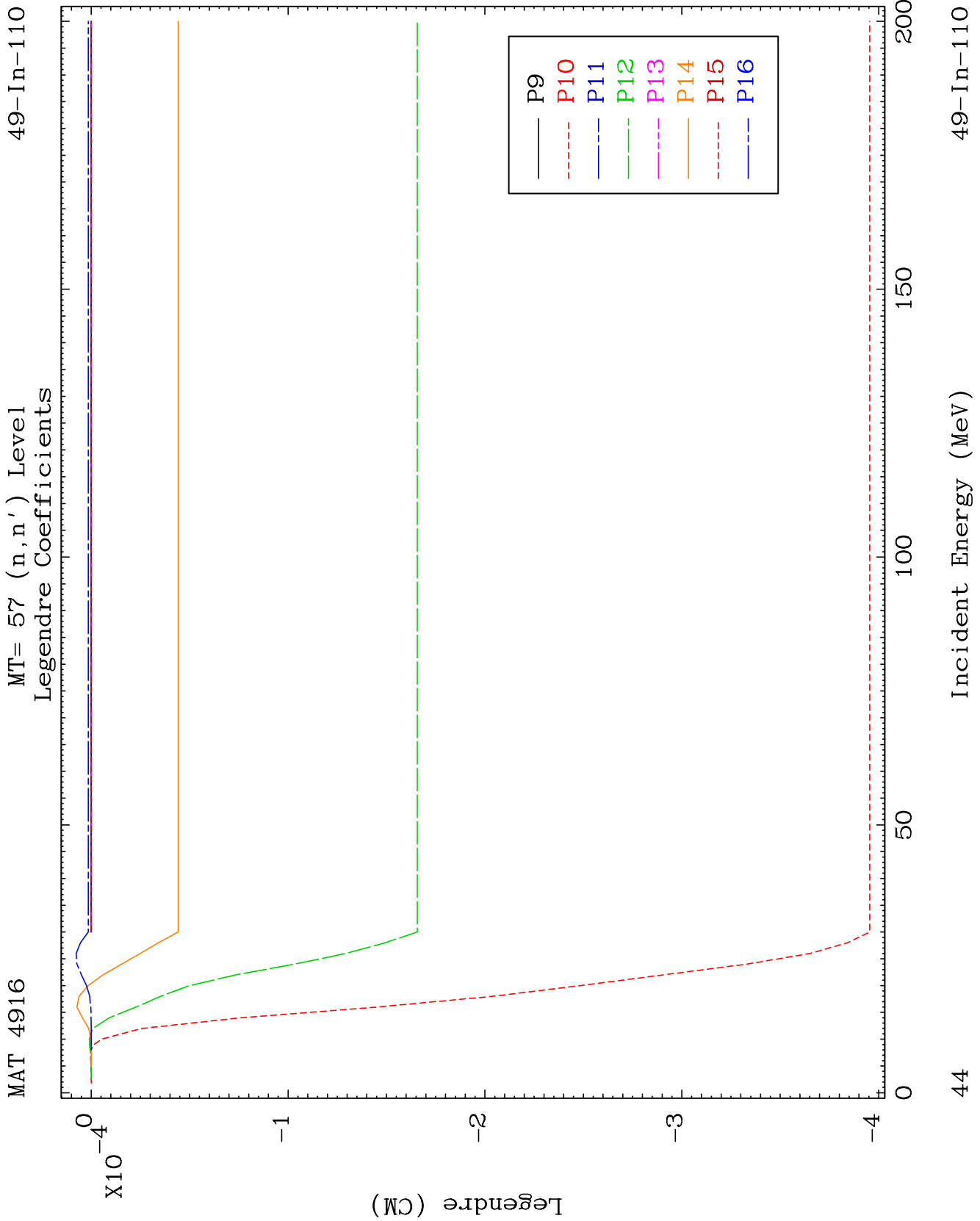
MAT 4916

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

49-In-110







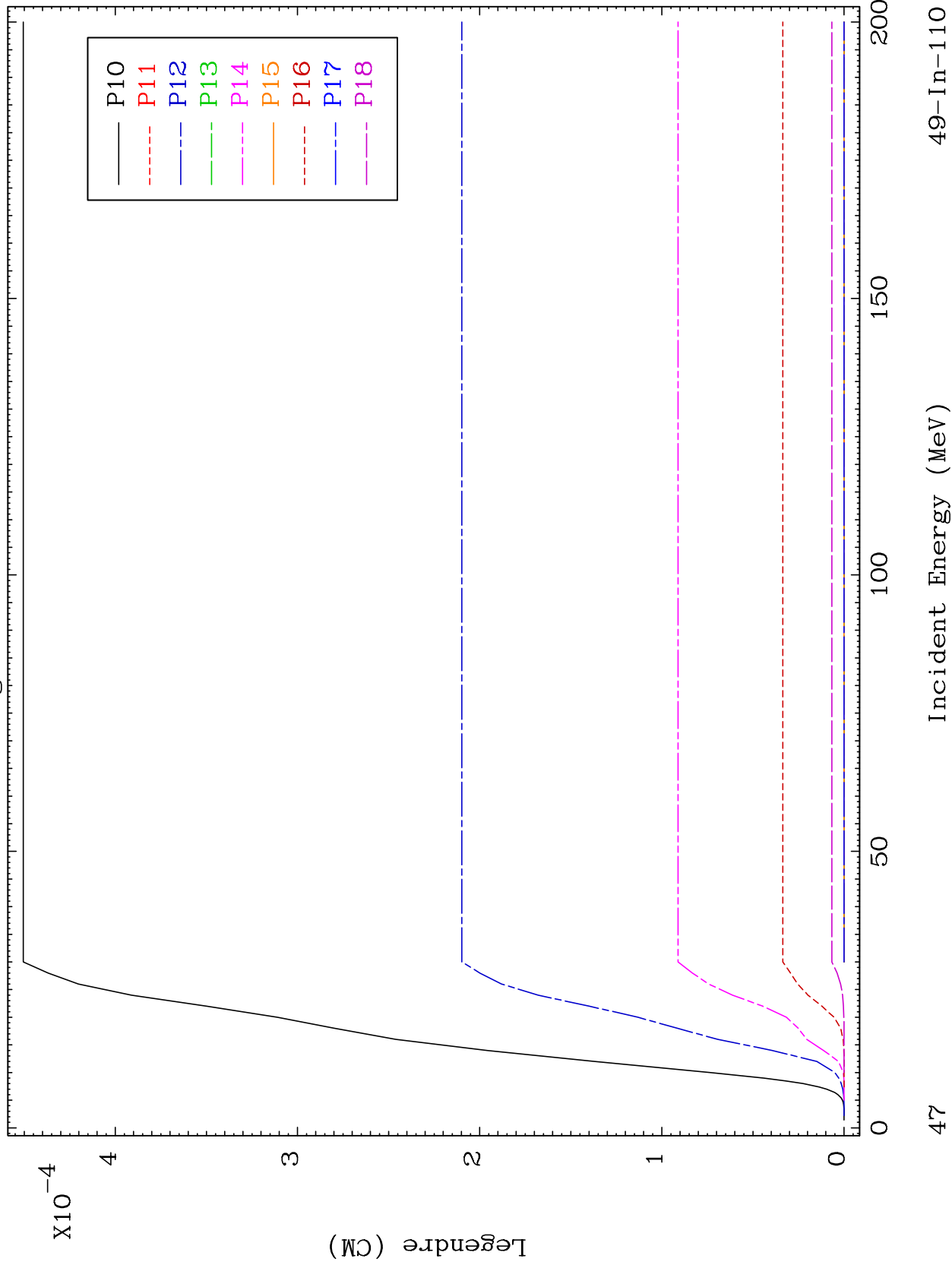




MAT 4916

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

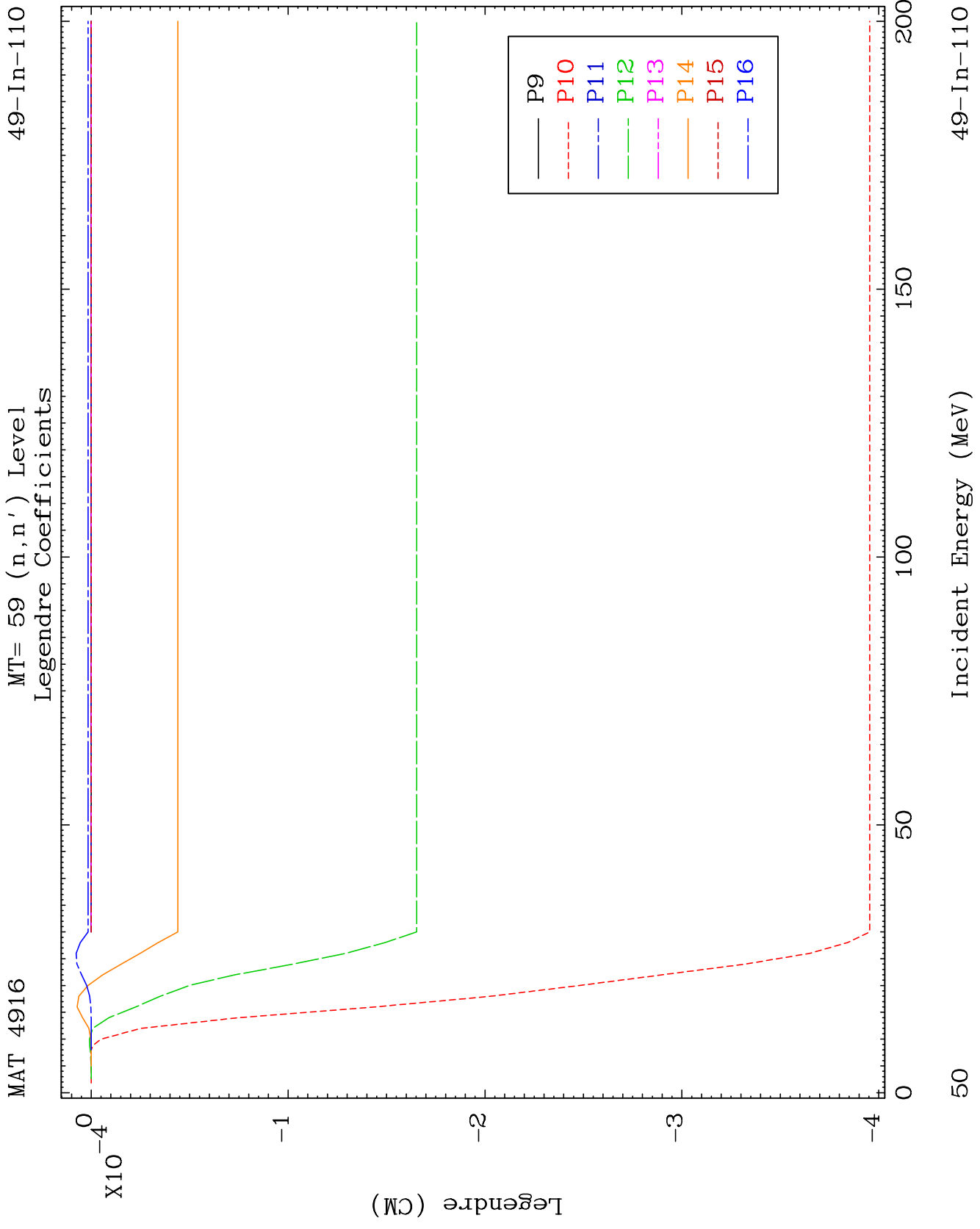
49-In-110

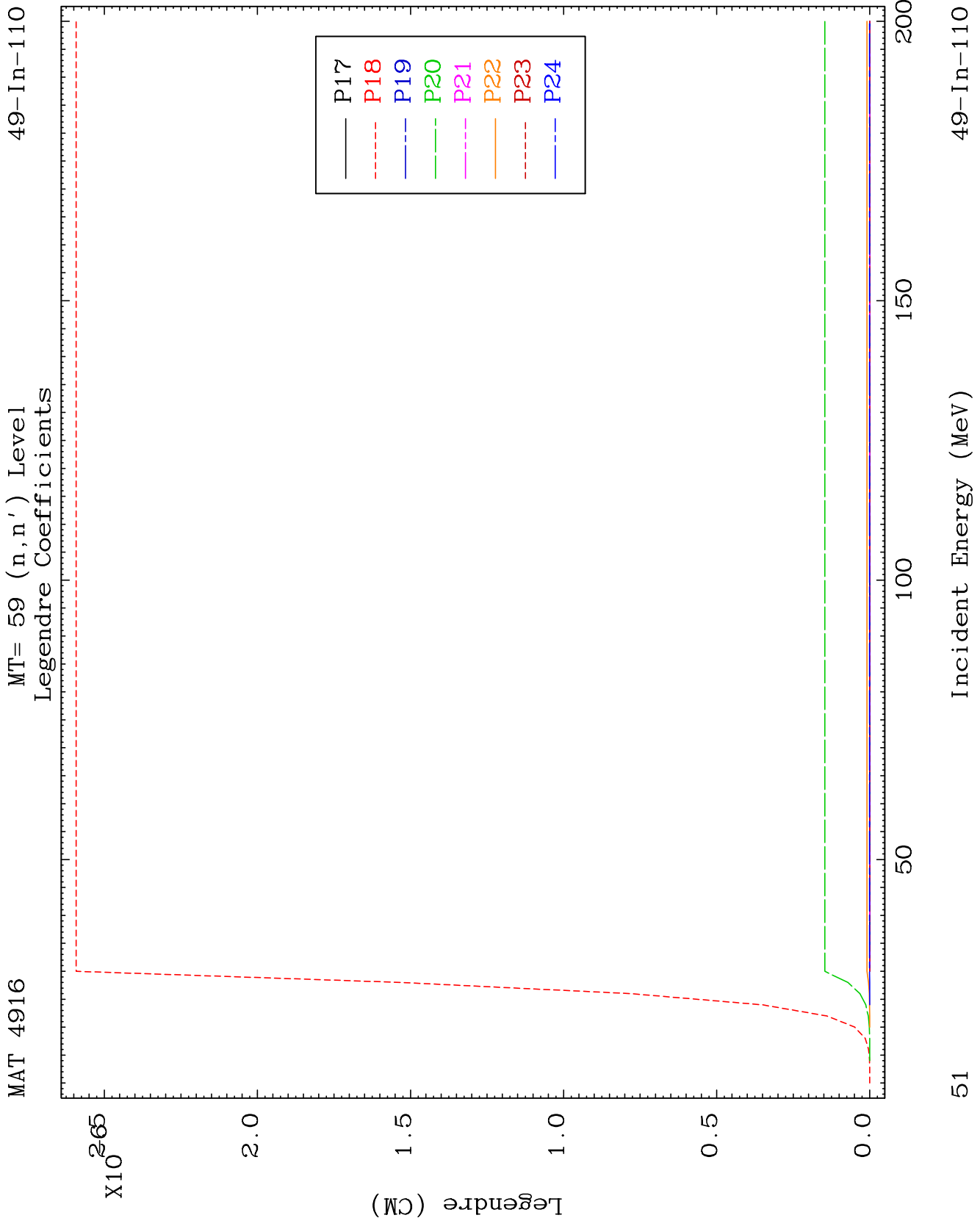








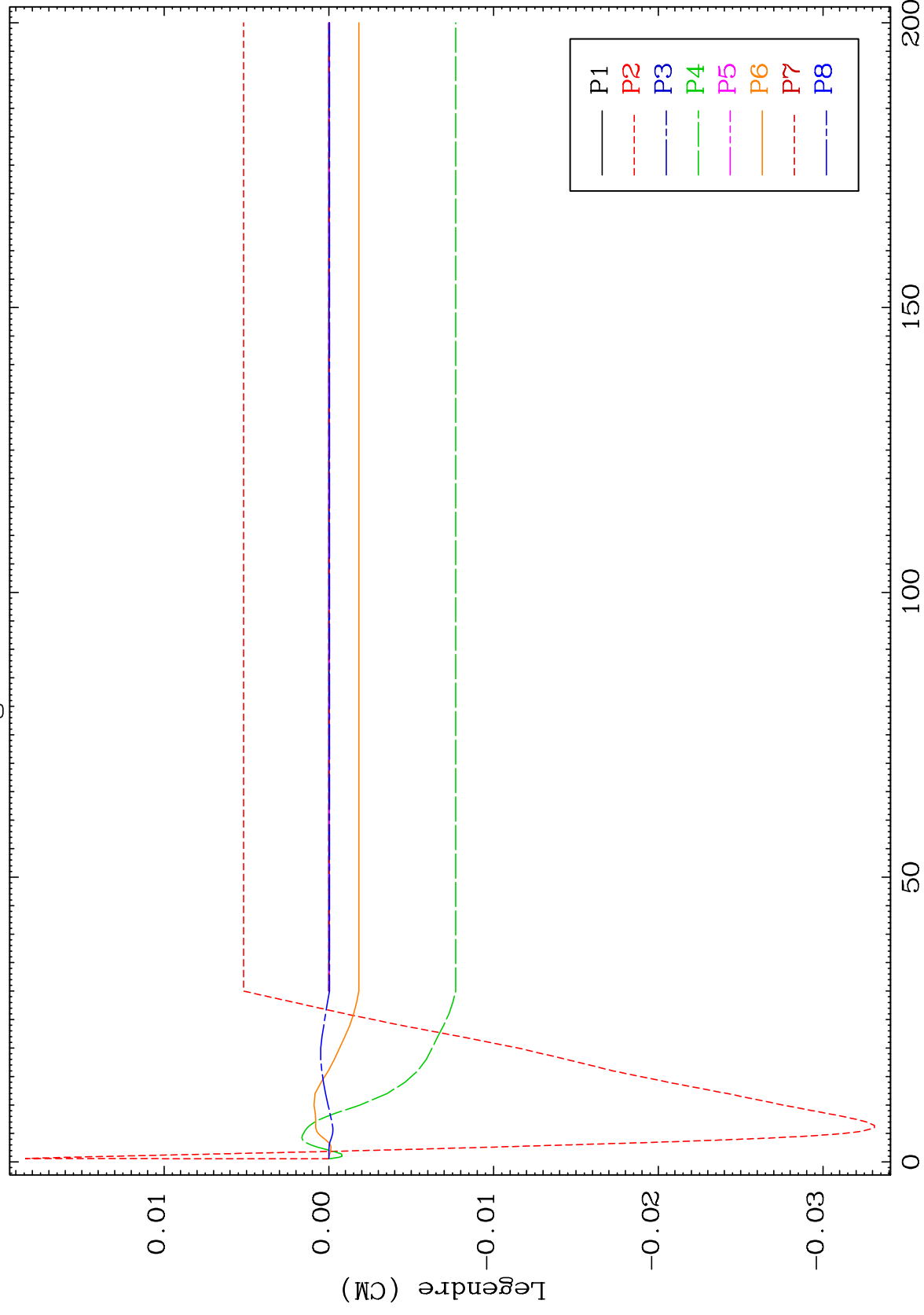




MAT 4916

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

49-In-110



52

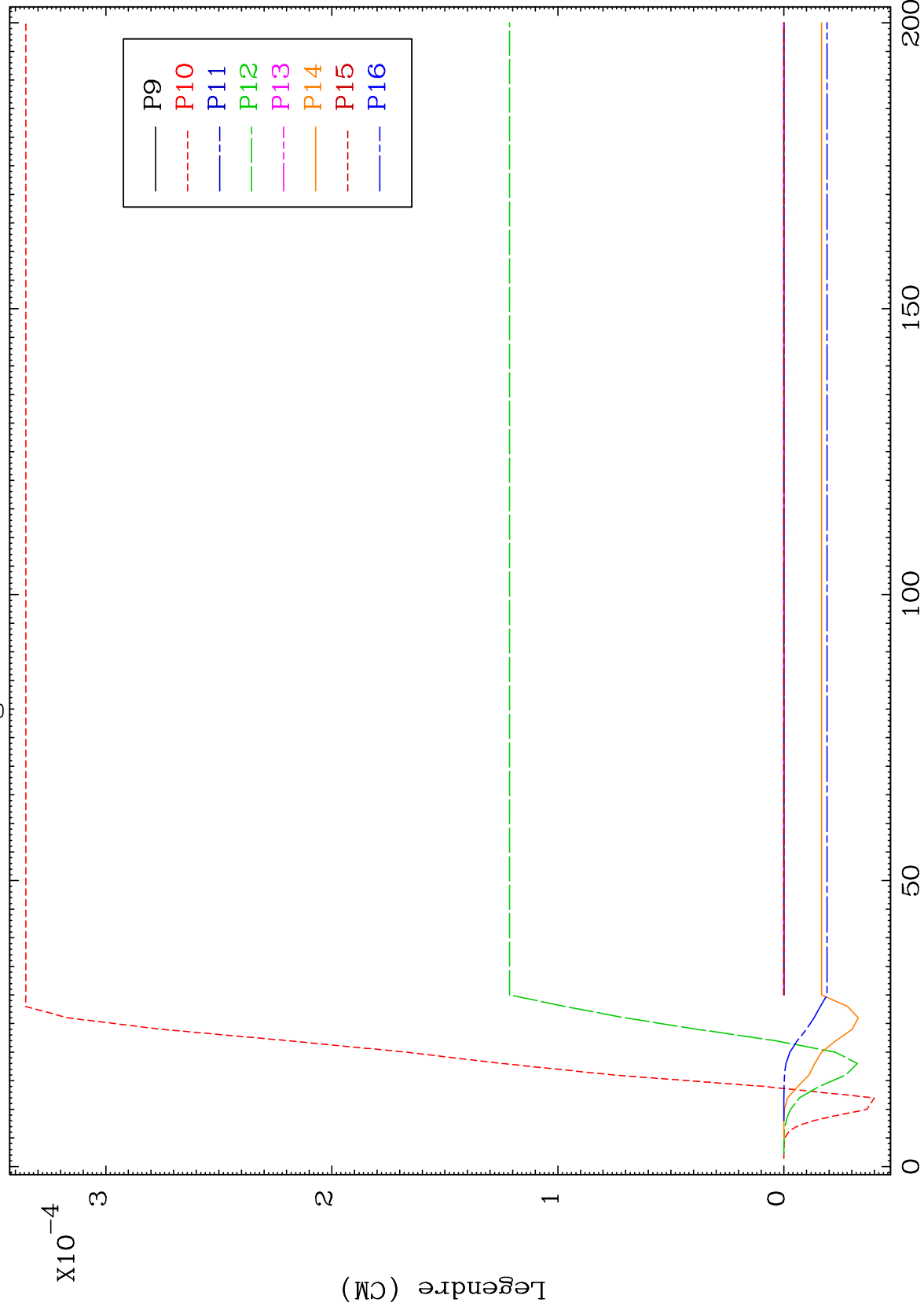
Incident Energy (MeV)

49-In-110

MAT 4916

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

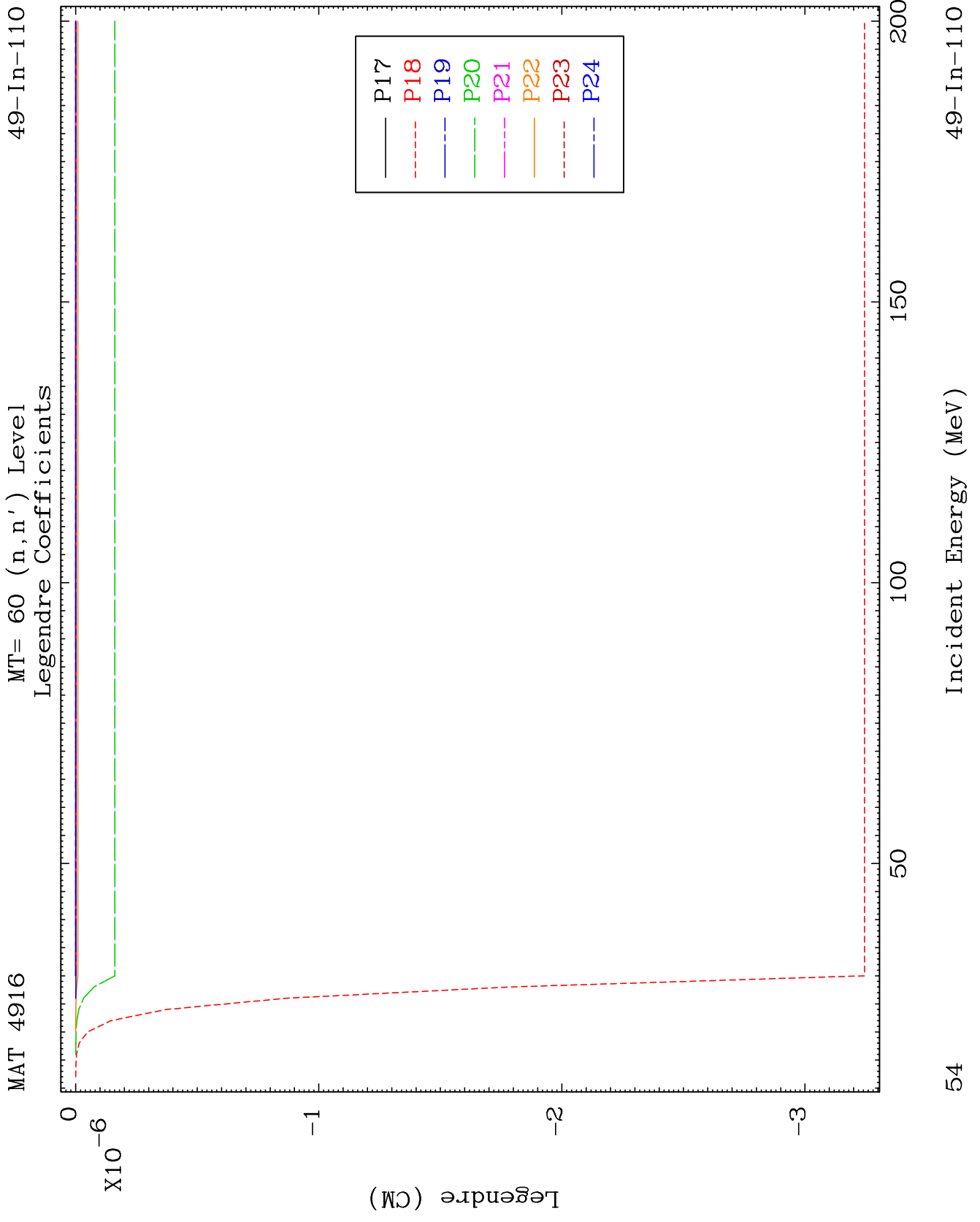
49-In-110



53

Incident Energy (MeV)

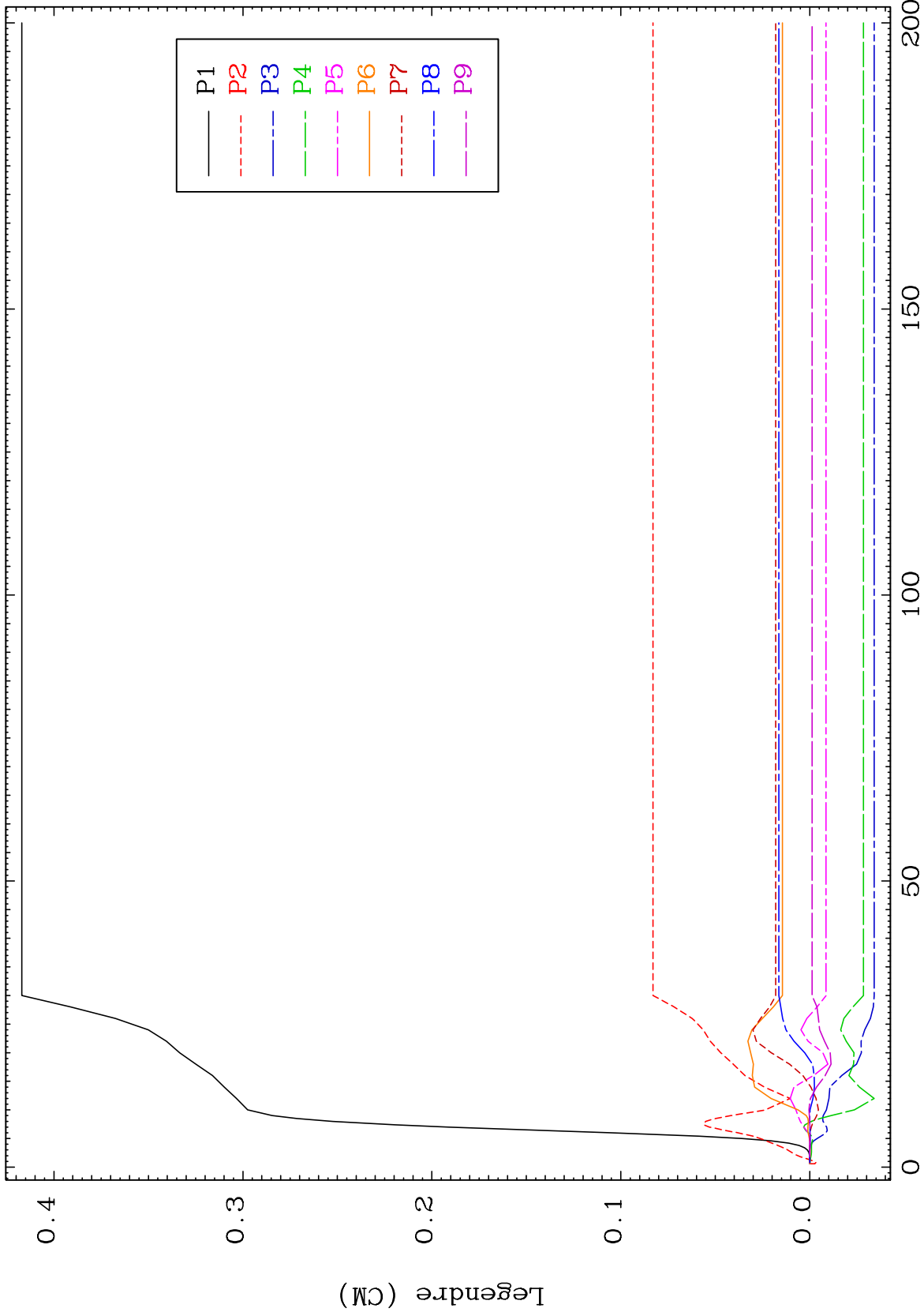
49-In-110



MAT 4916

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

49-In-110



49-In-110

Incident Energy (MeV)

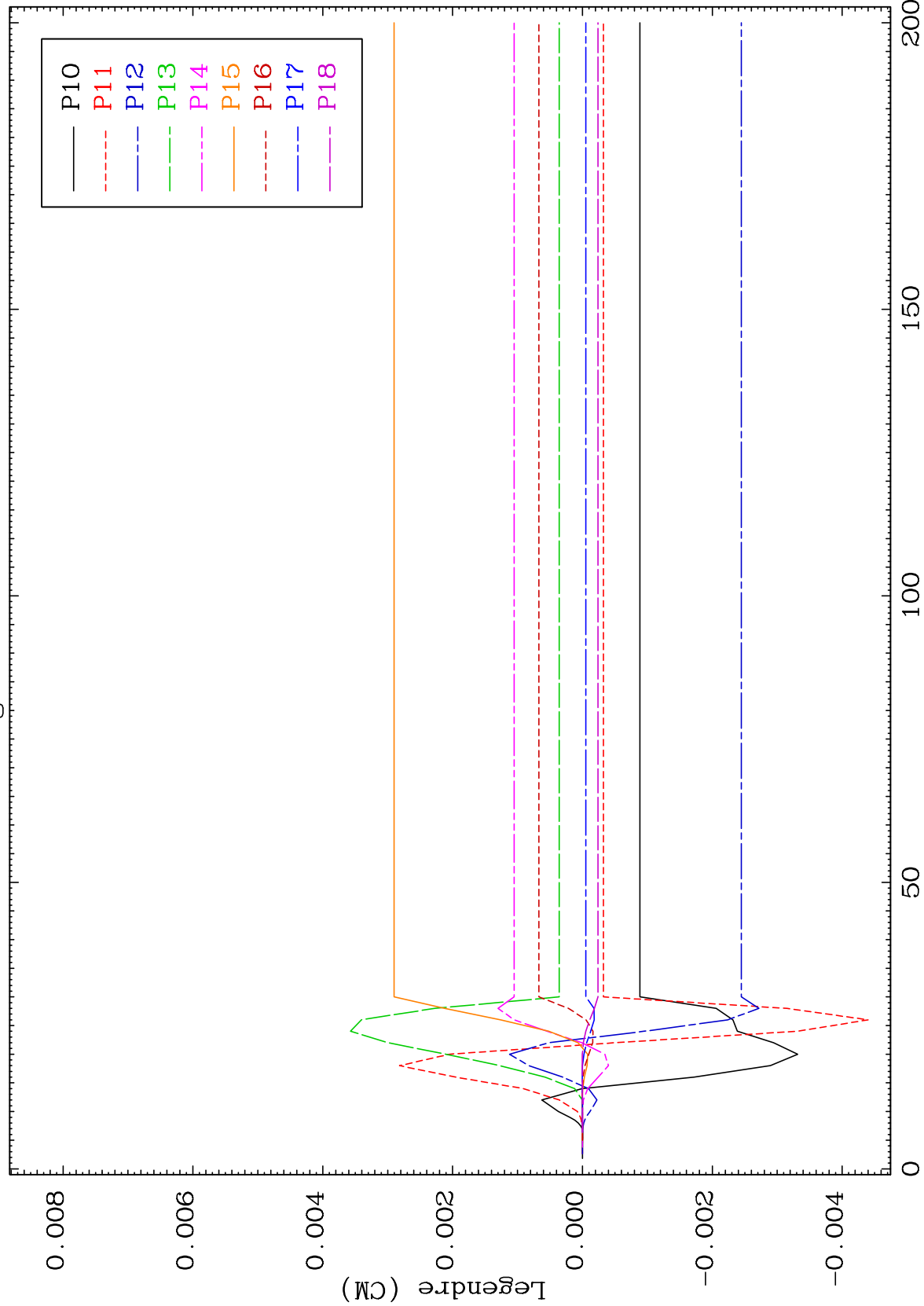
55



MAT 4916

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

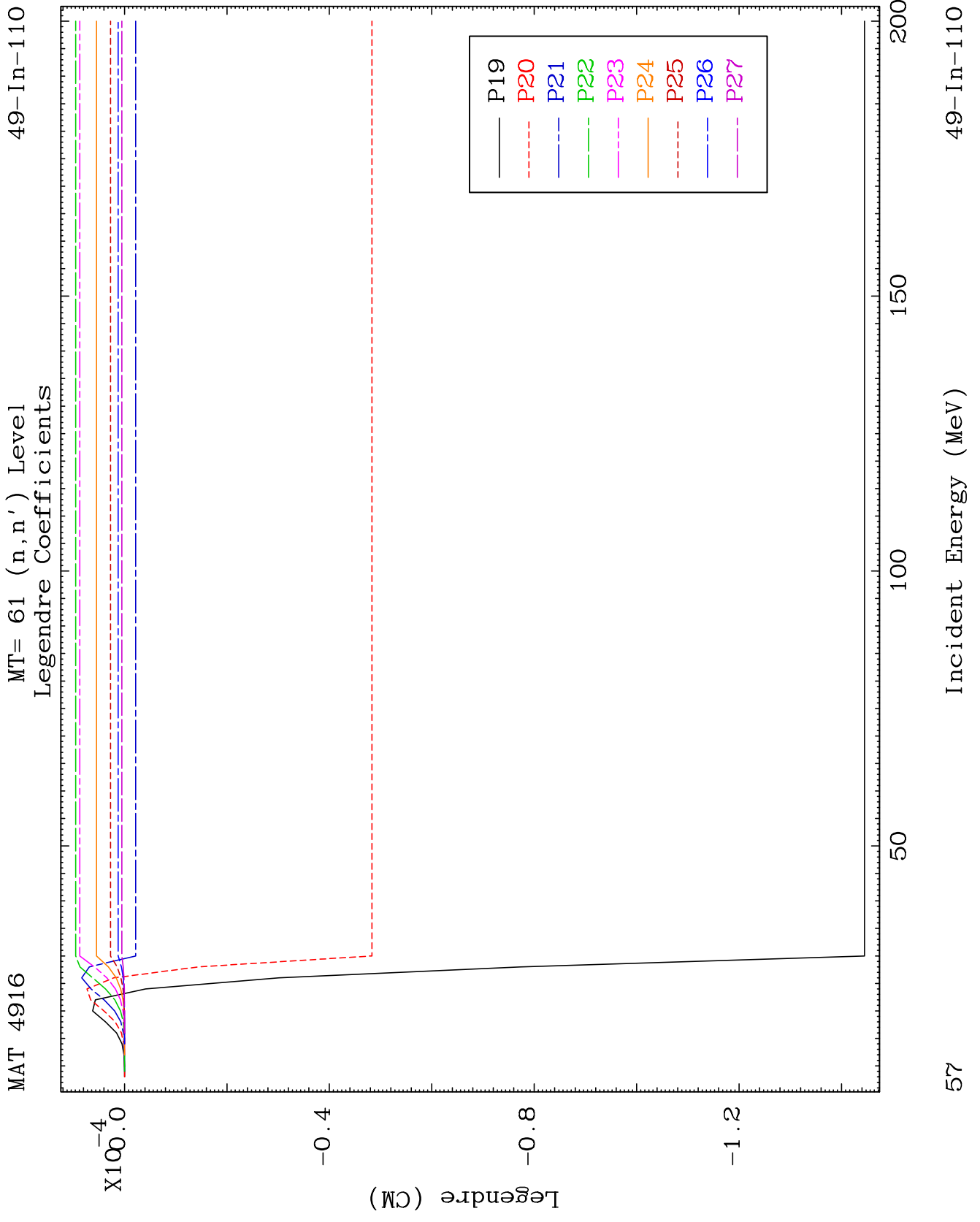
49-In-110



56

Incident Energy (MeV)

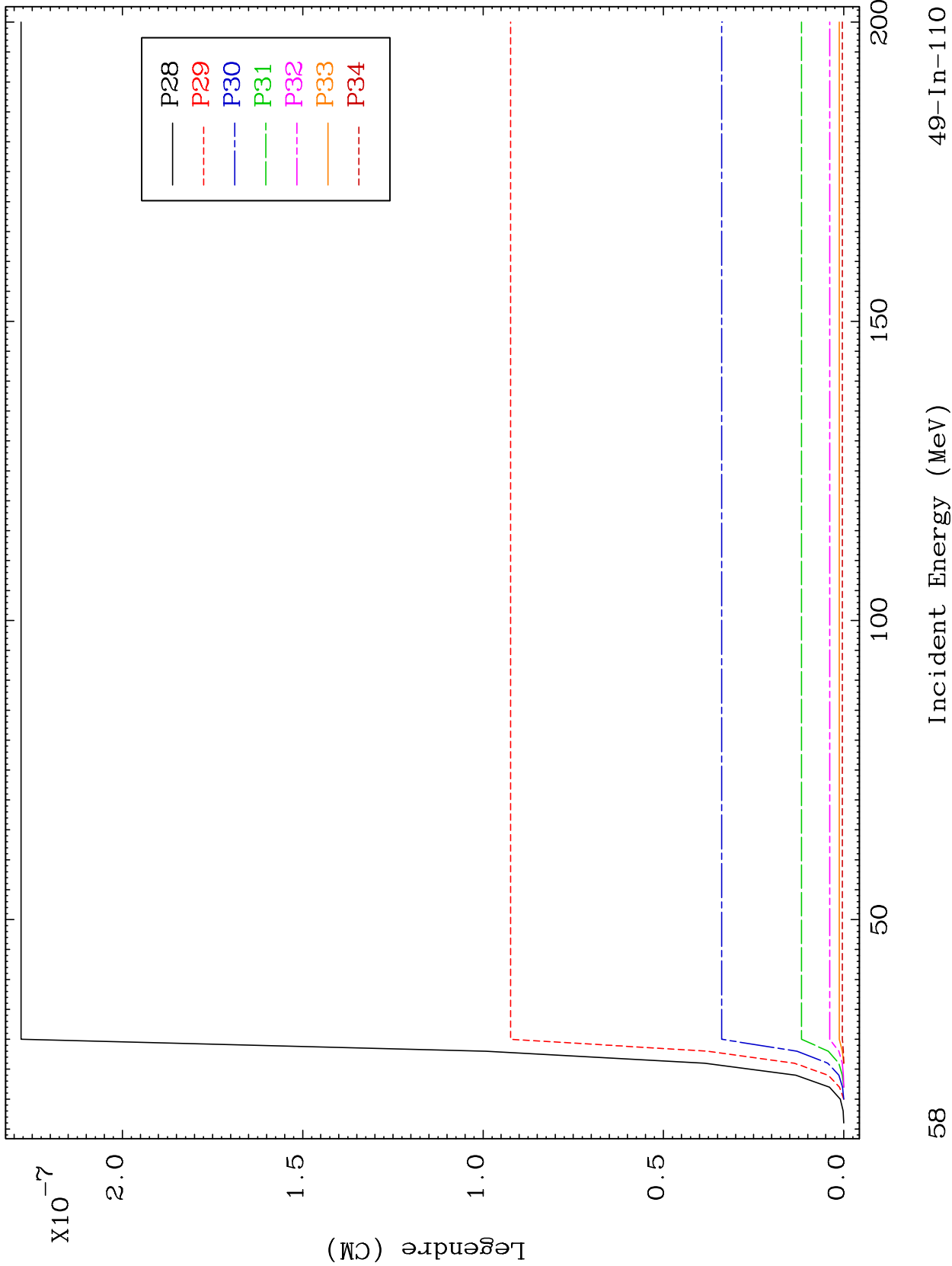
49-In-110



MAT 4916

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

49-In-110



58

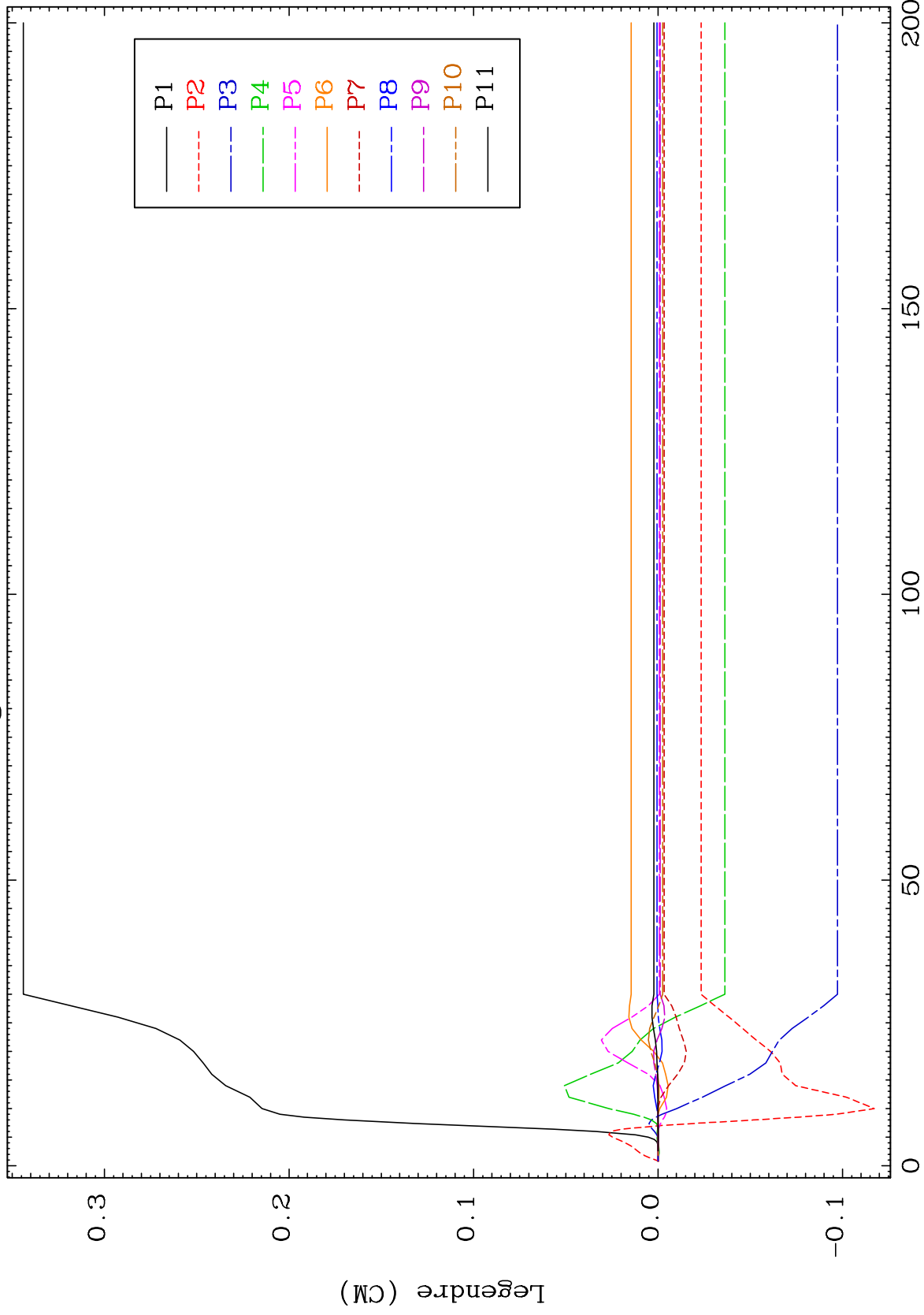
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



59

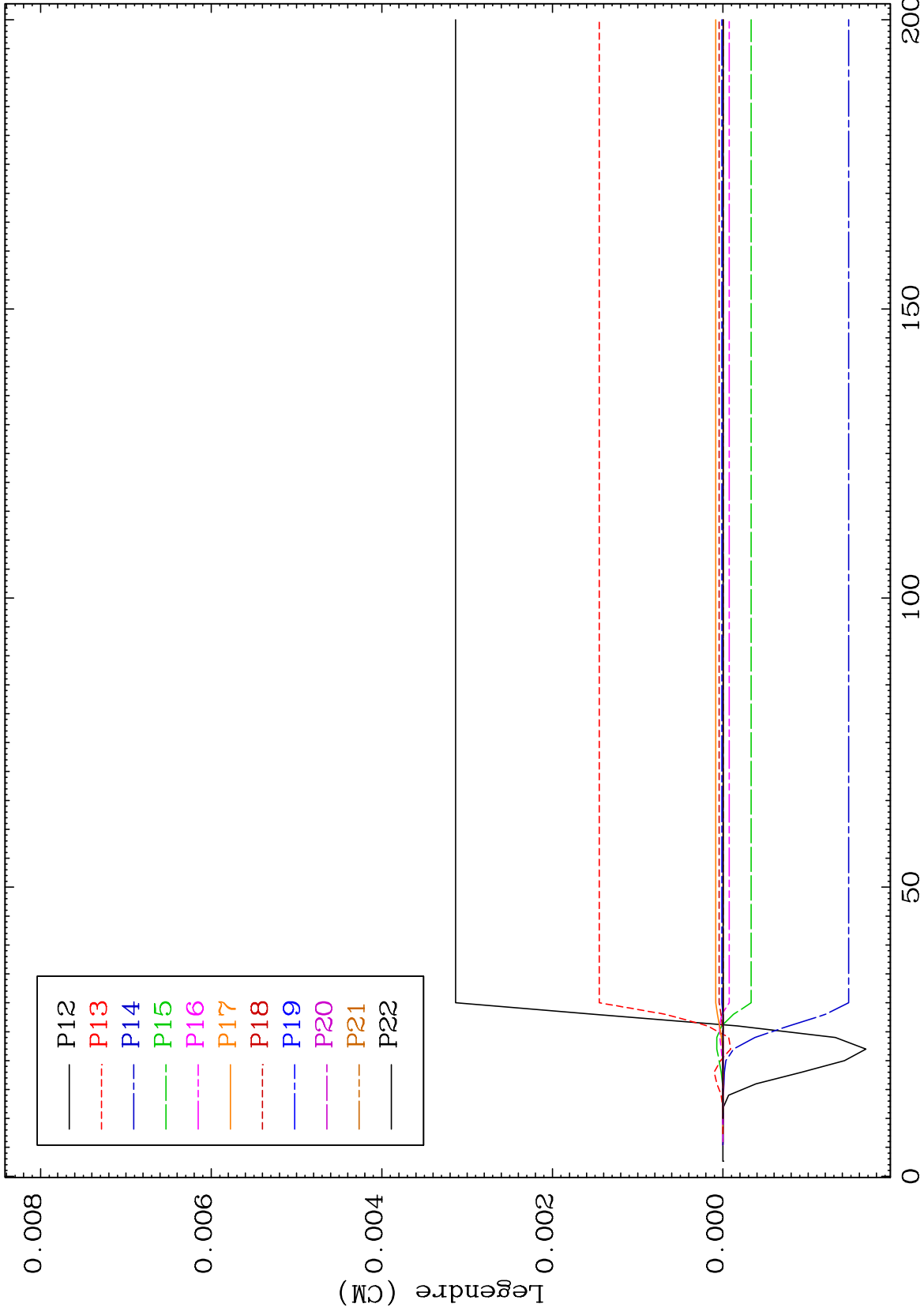
Incident Energy (MeV)

49-In-110

MAT 4916

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

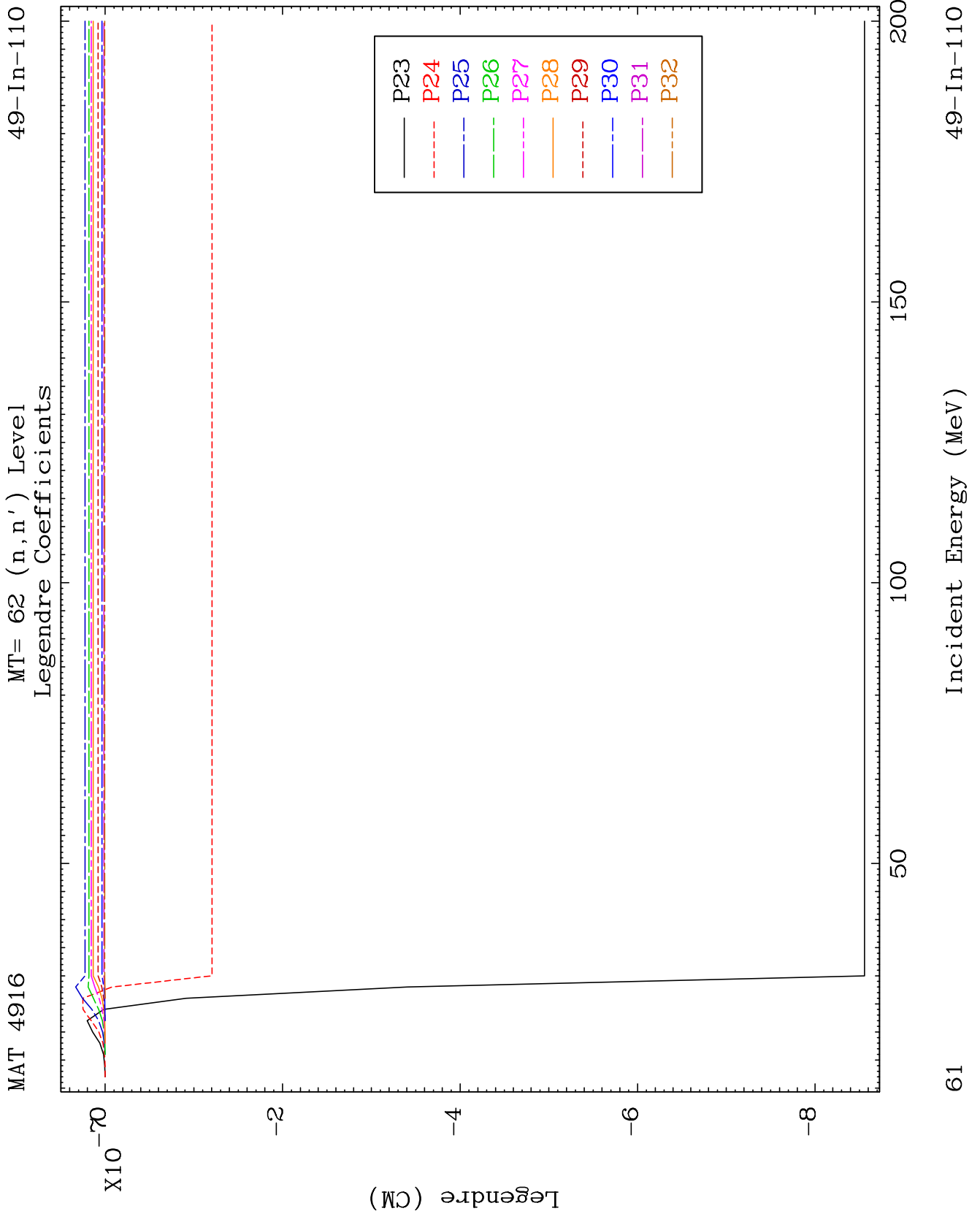
49-In-110

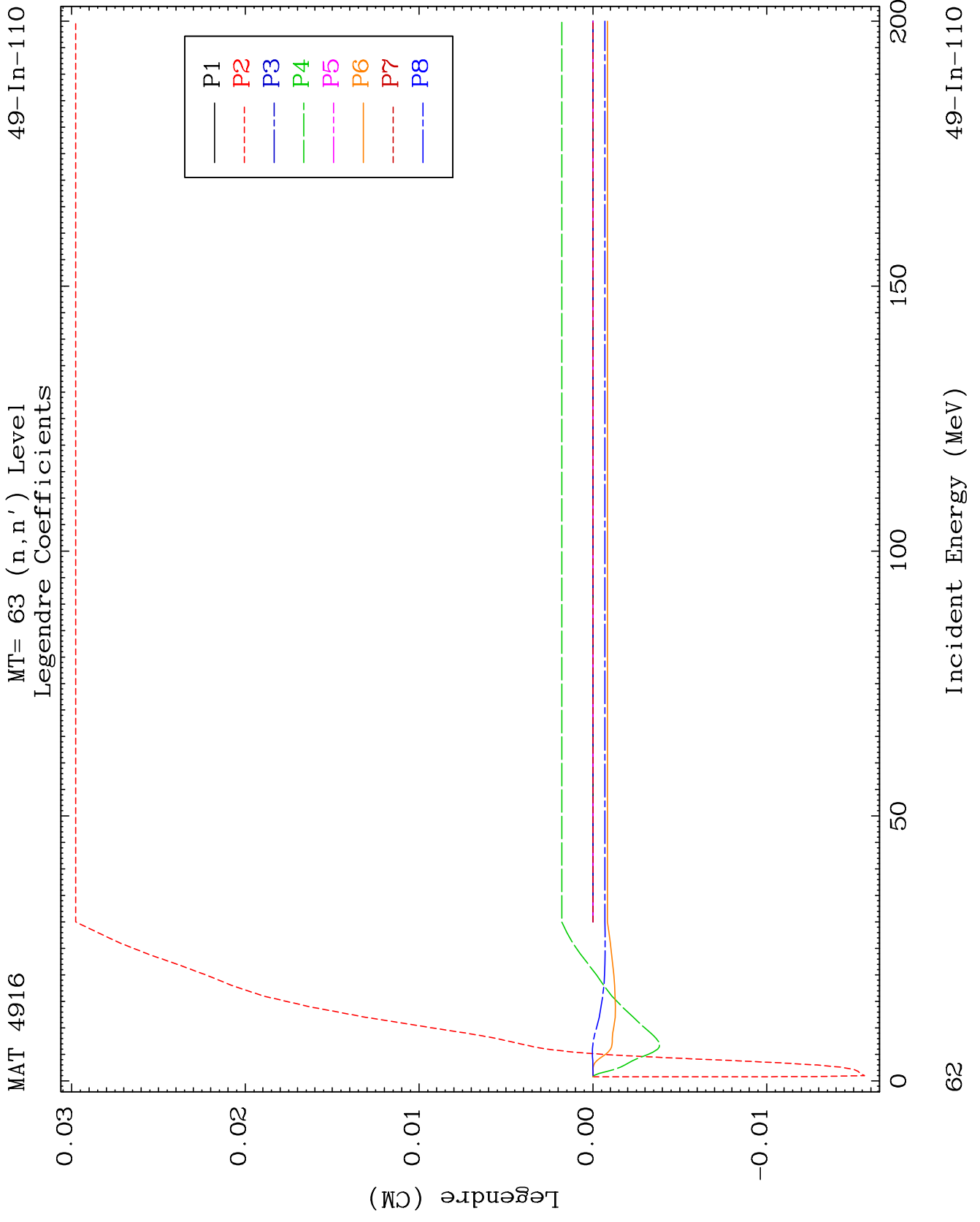


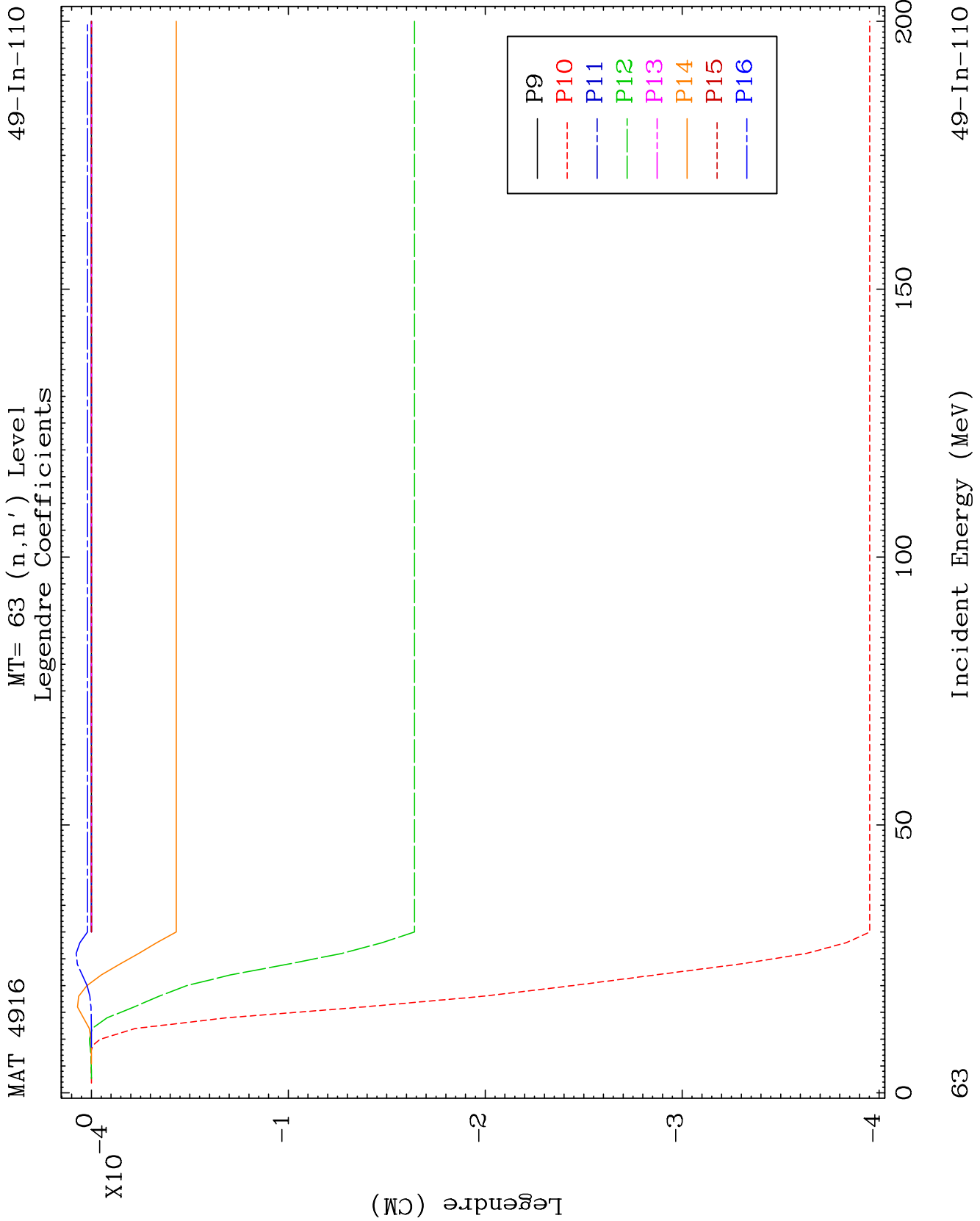
49-In-110

Incident Energy (MeV)

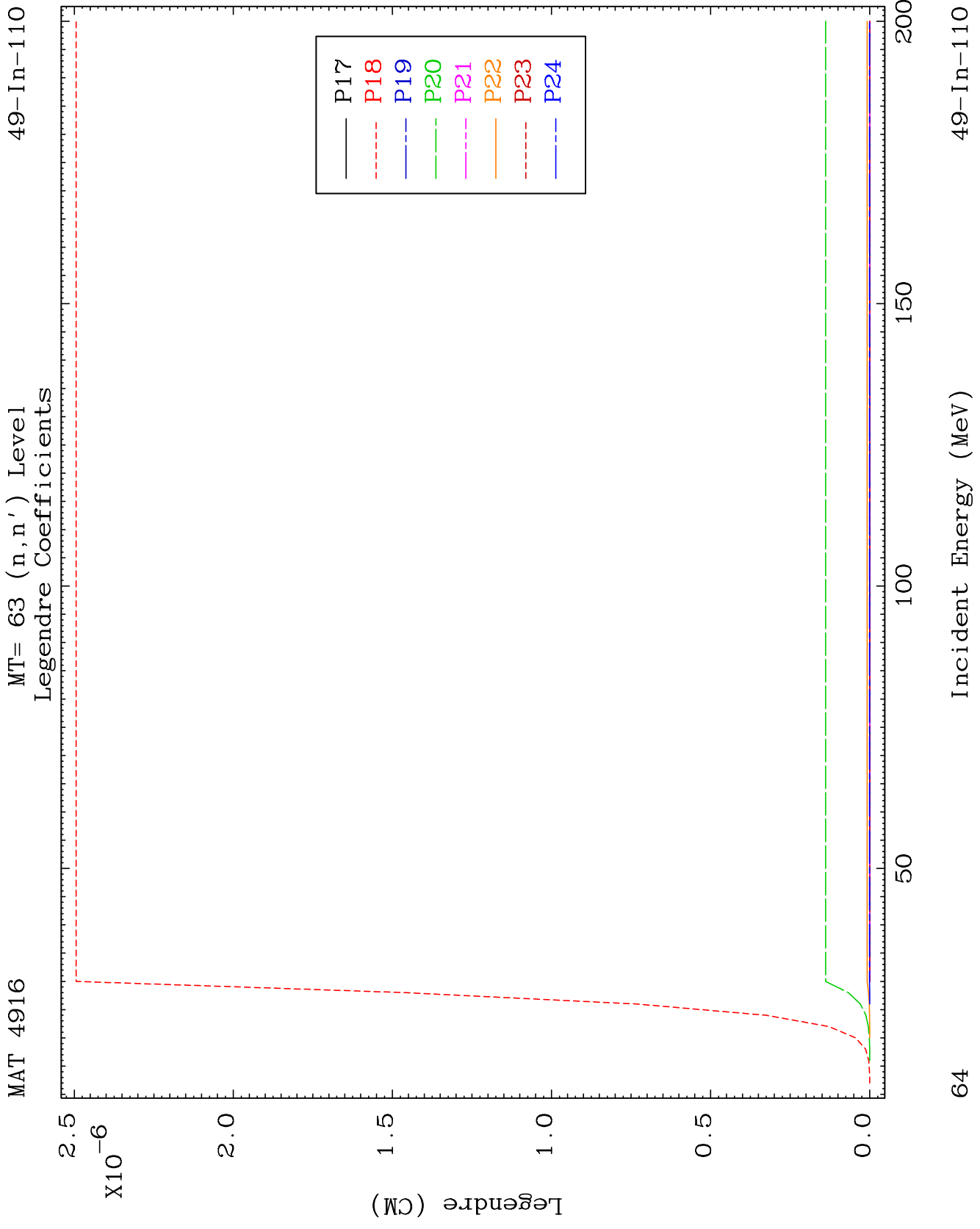
60







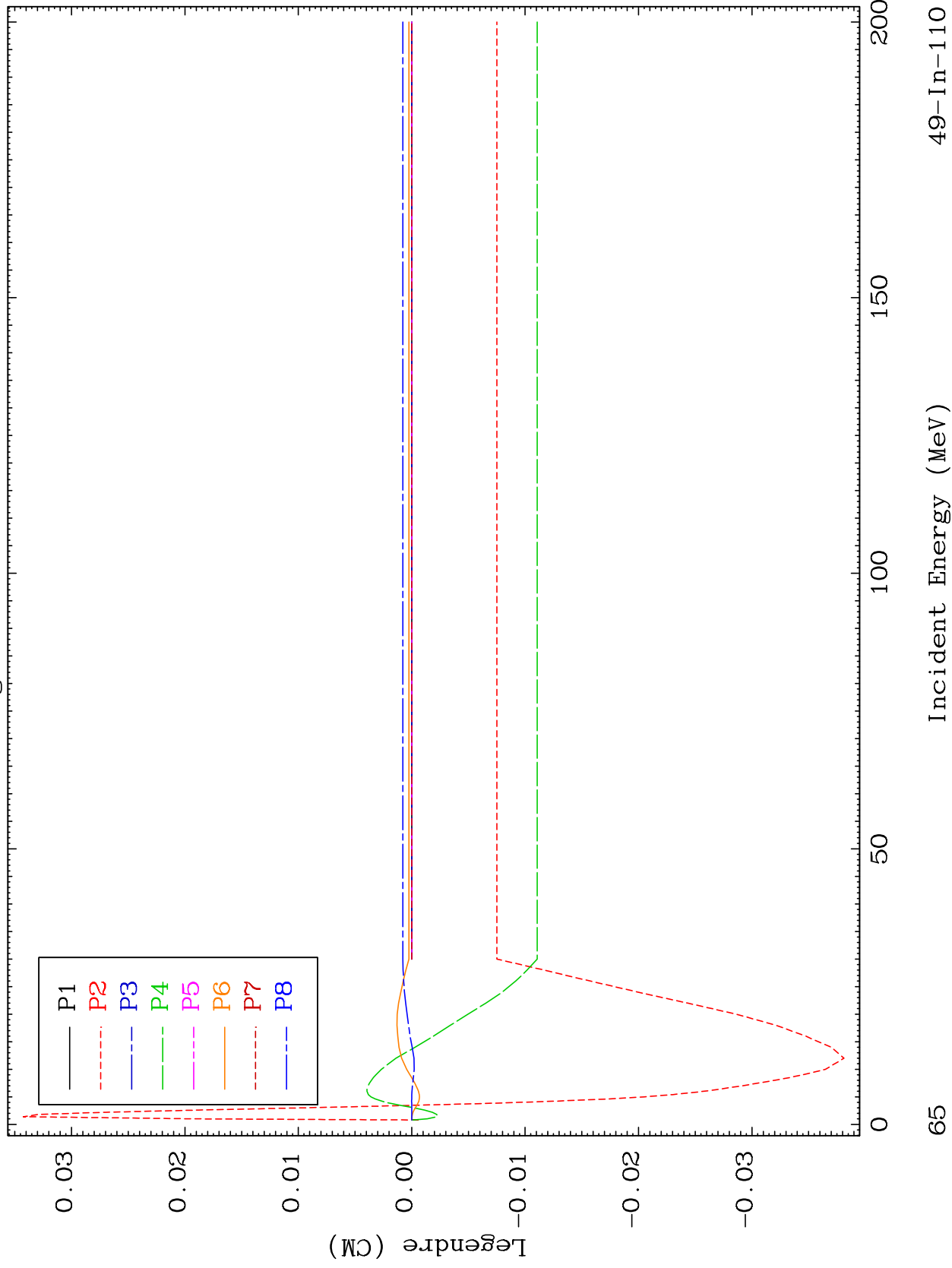


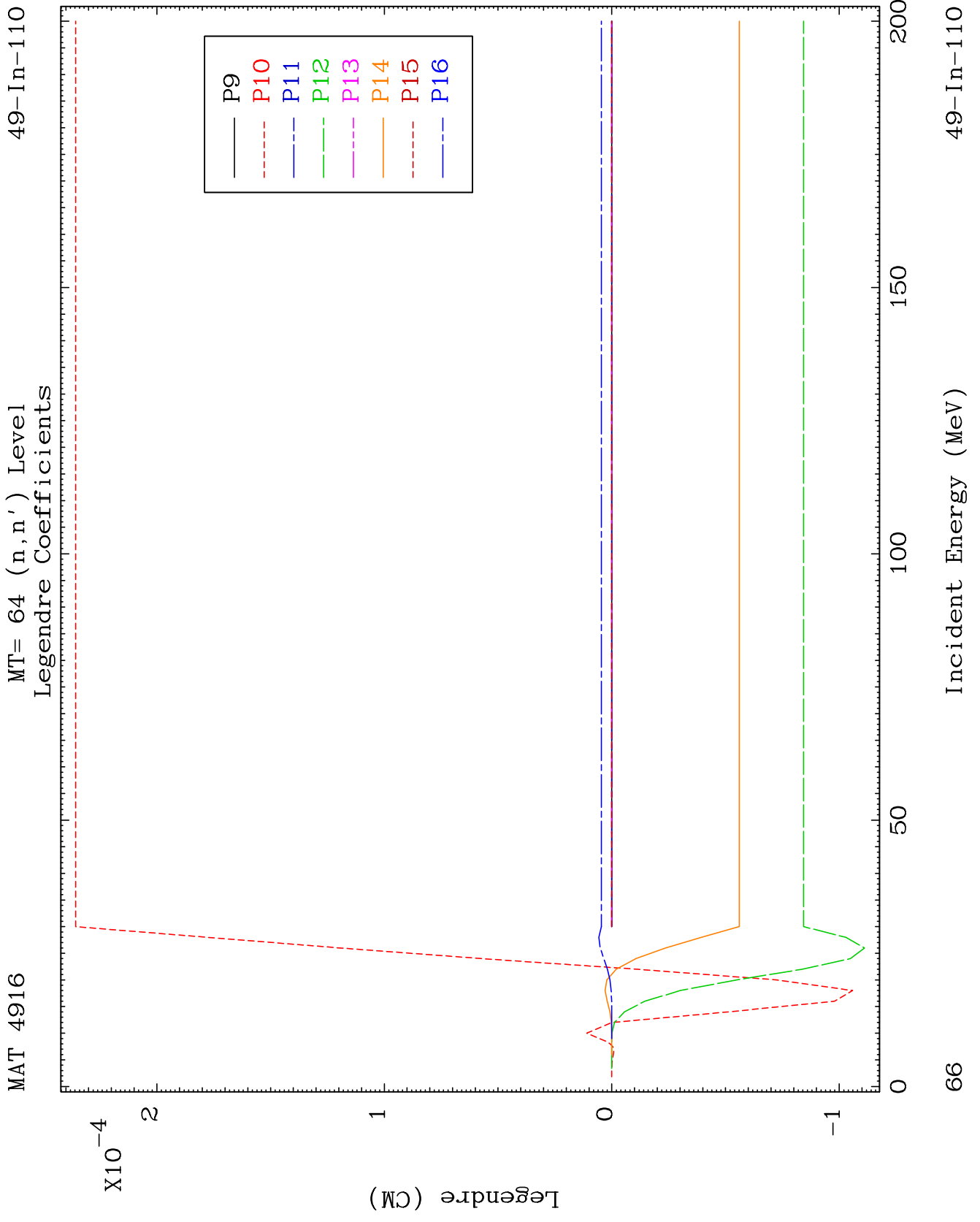


MAT 4916

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

49-In-110



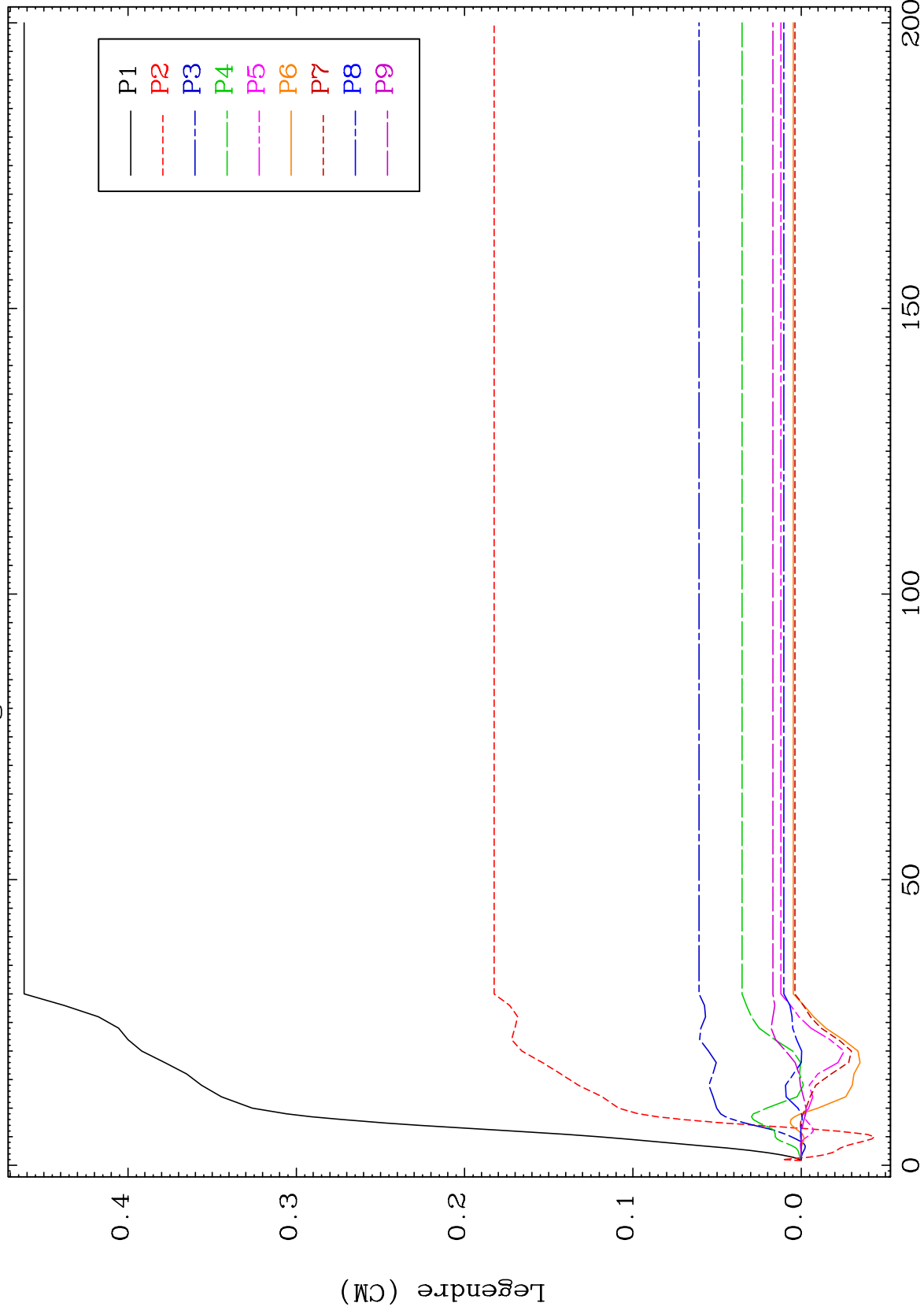




MAT 4916

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

49-In-110



68

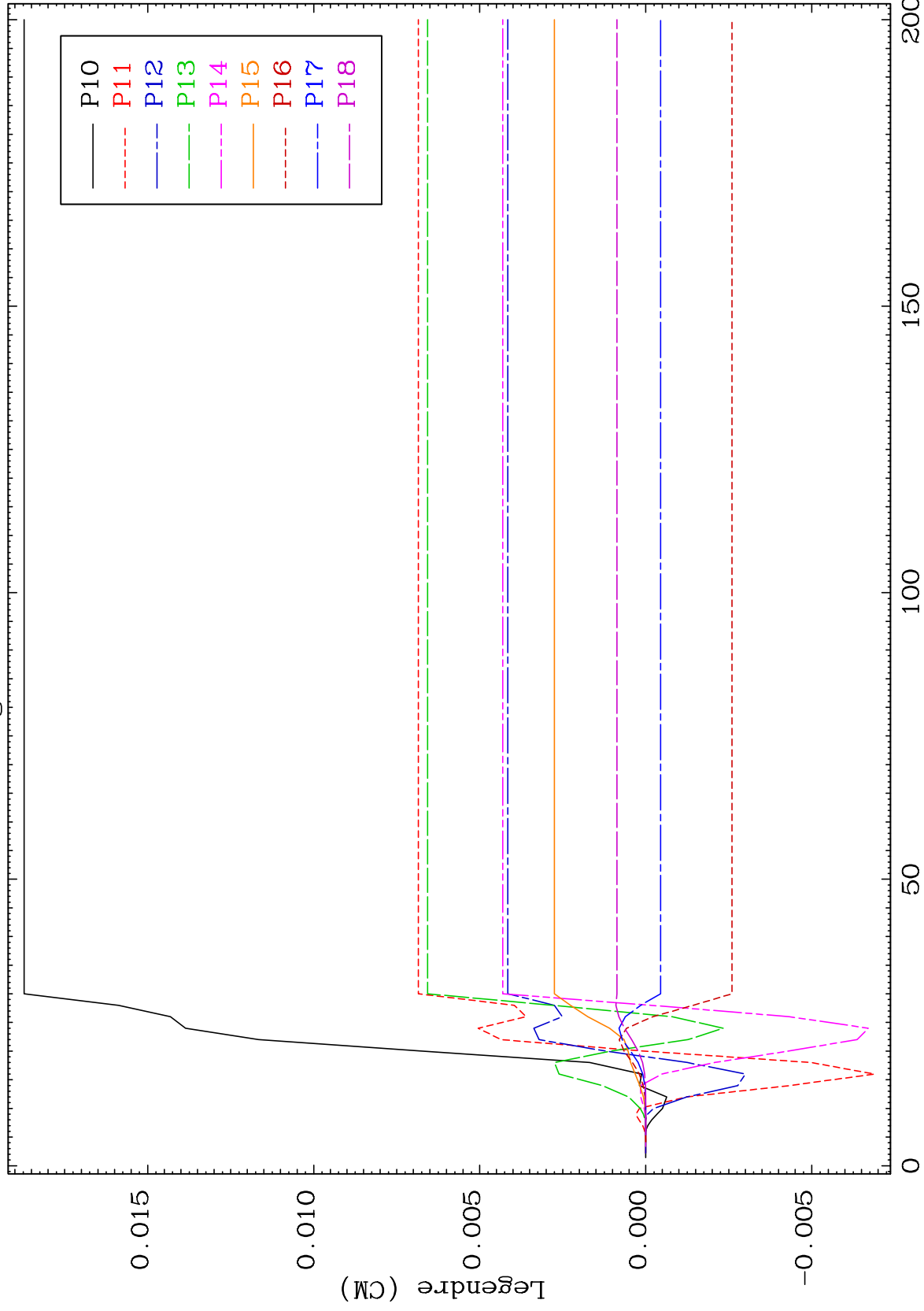
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



69

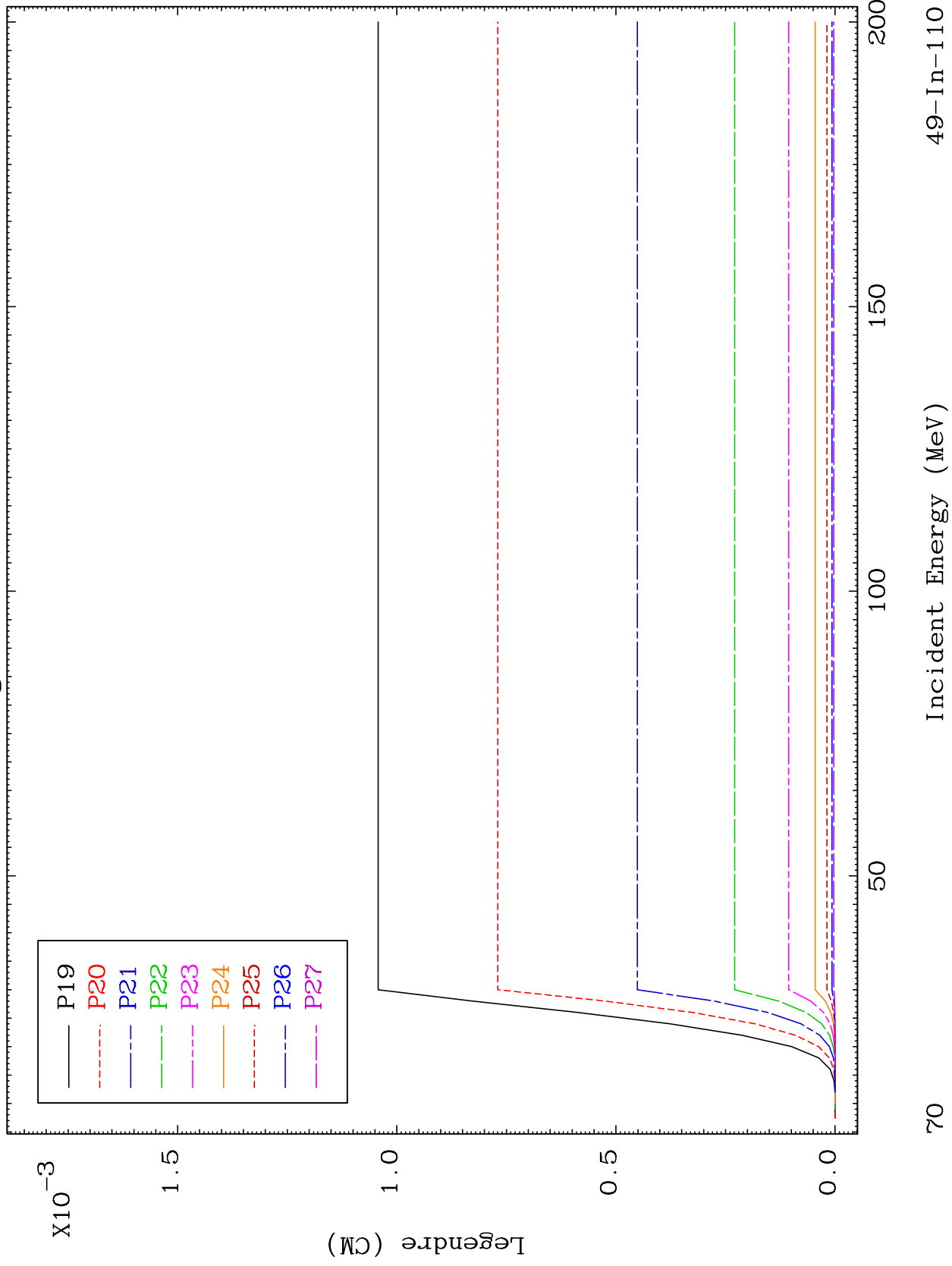
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



70

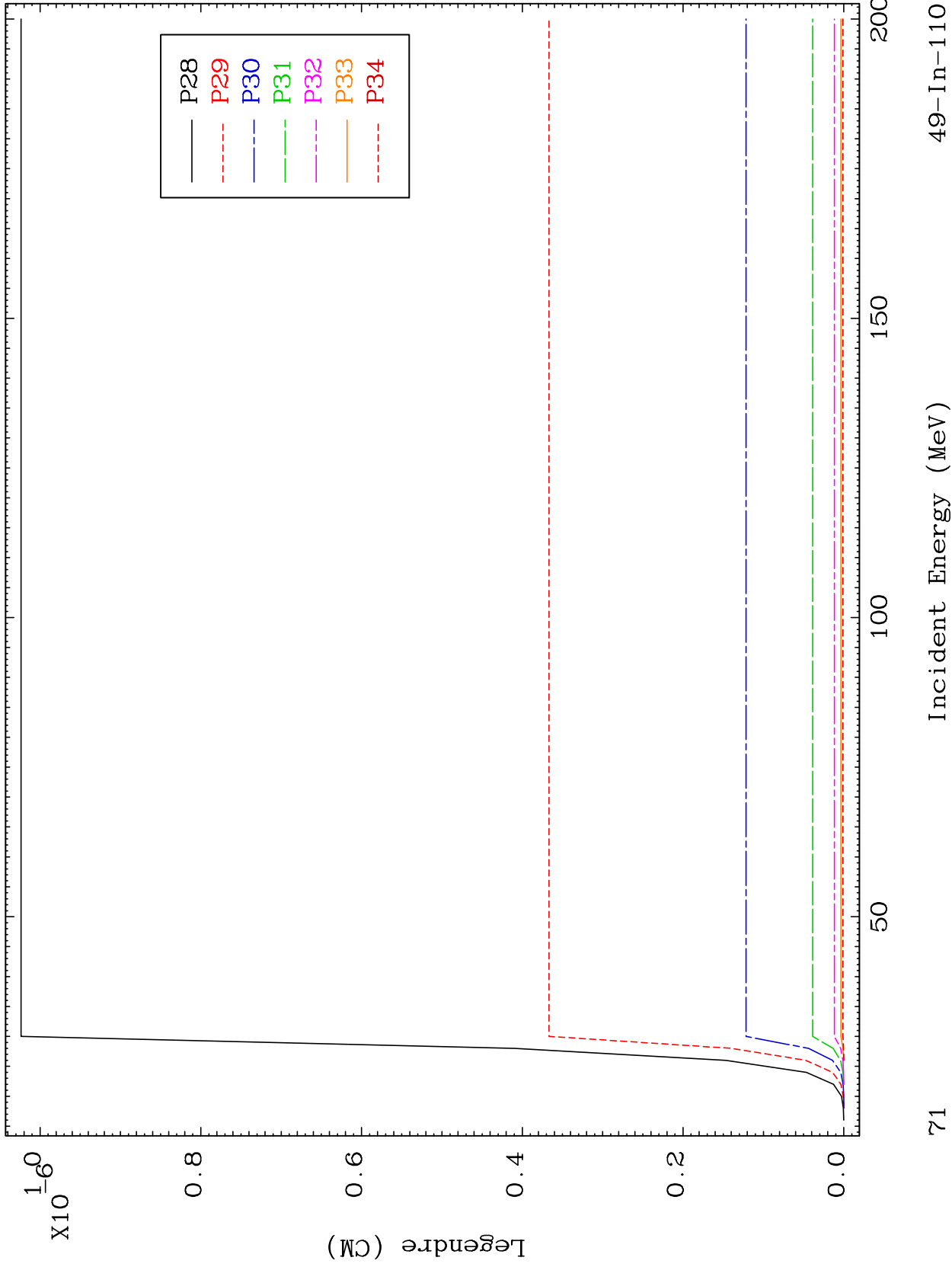
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110

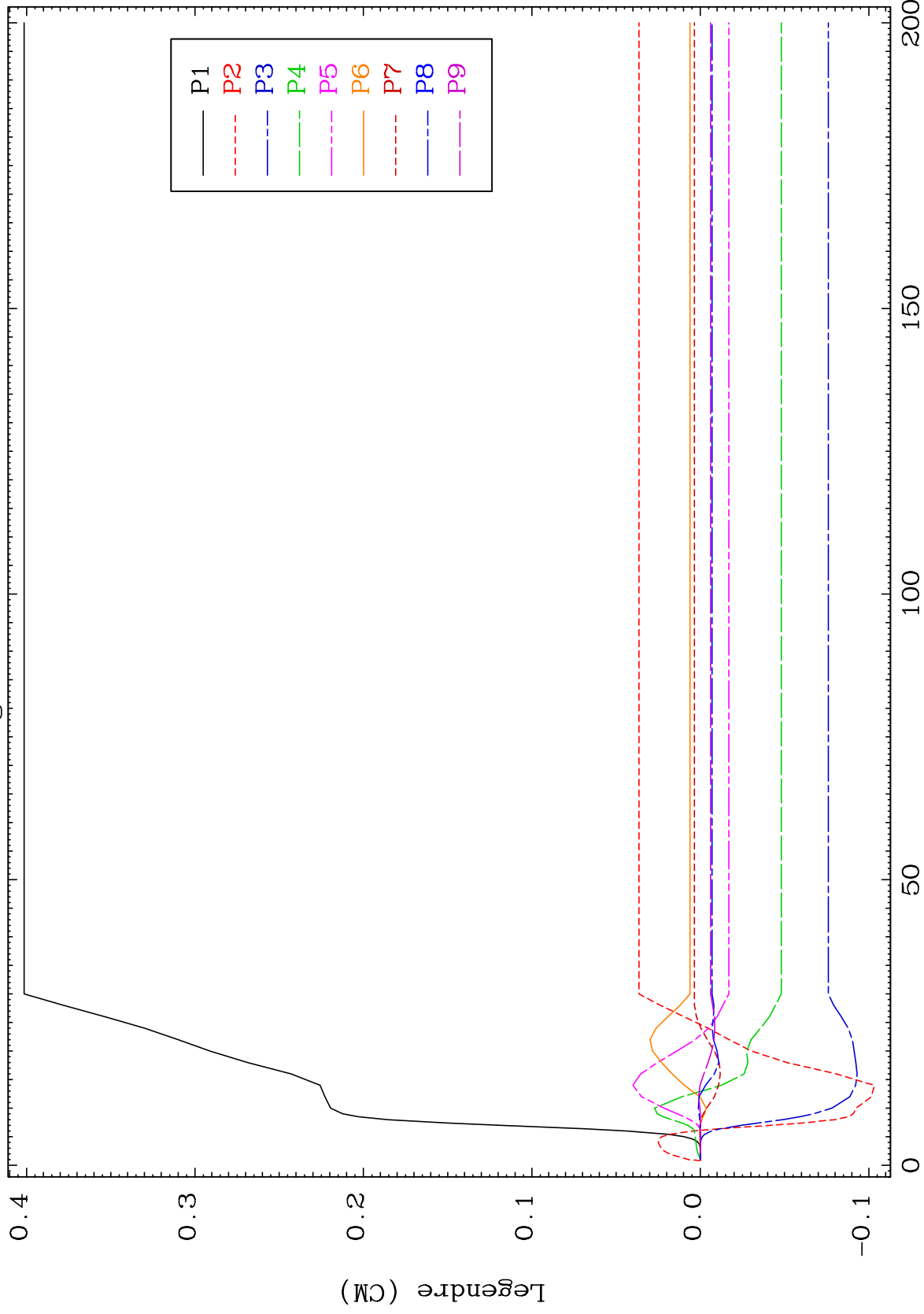




MAT 4916

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

49-In-110



72

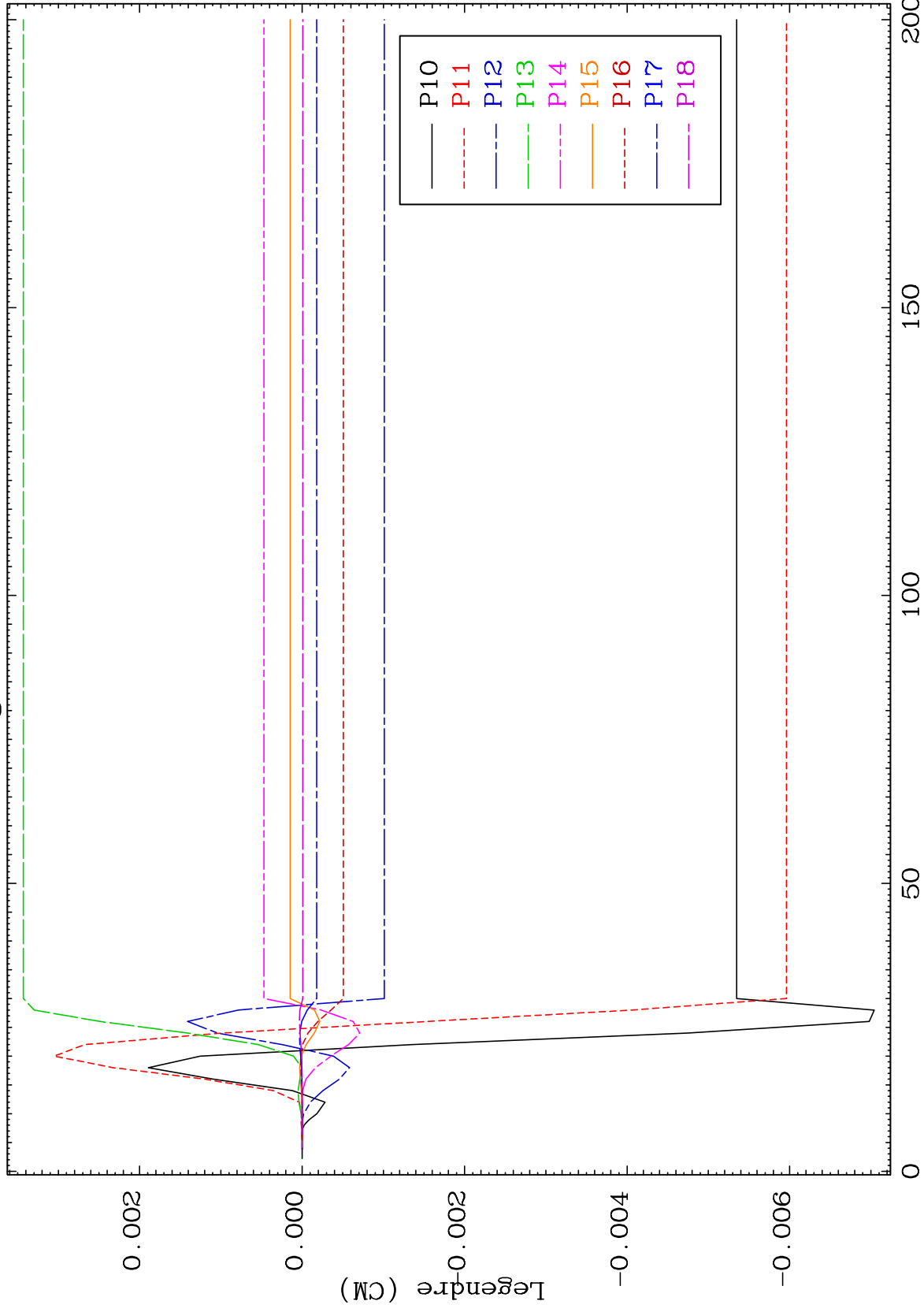
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



73

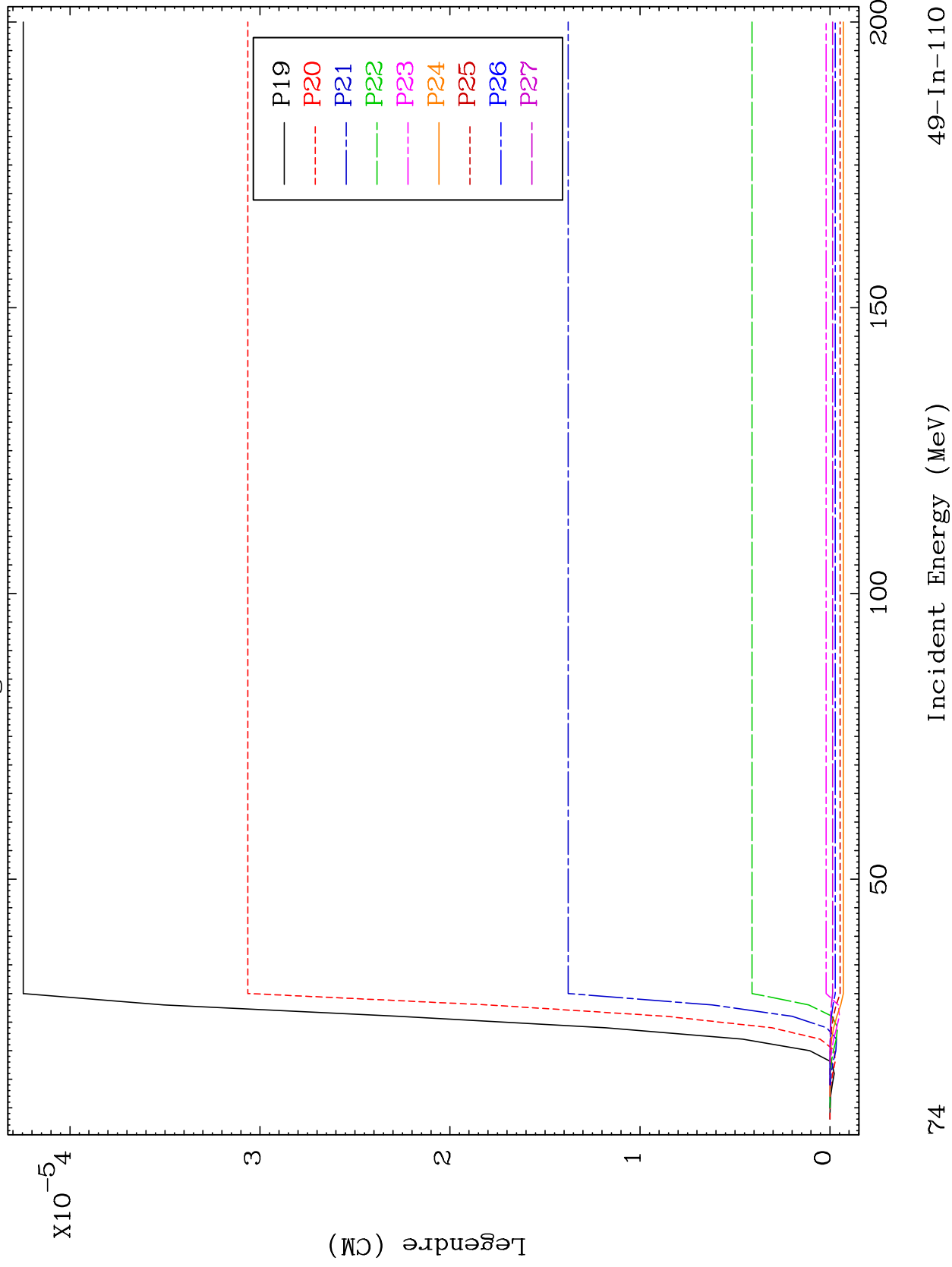
Incident Energy (MeV)

49-In-110

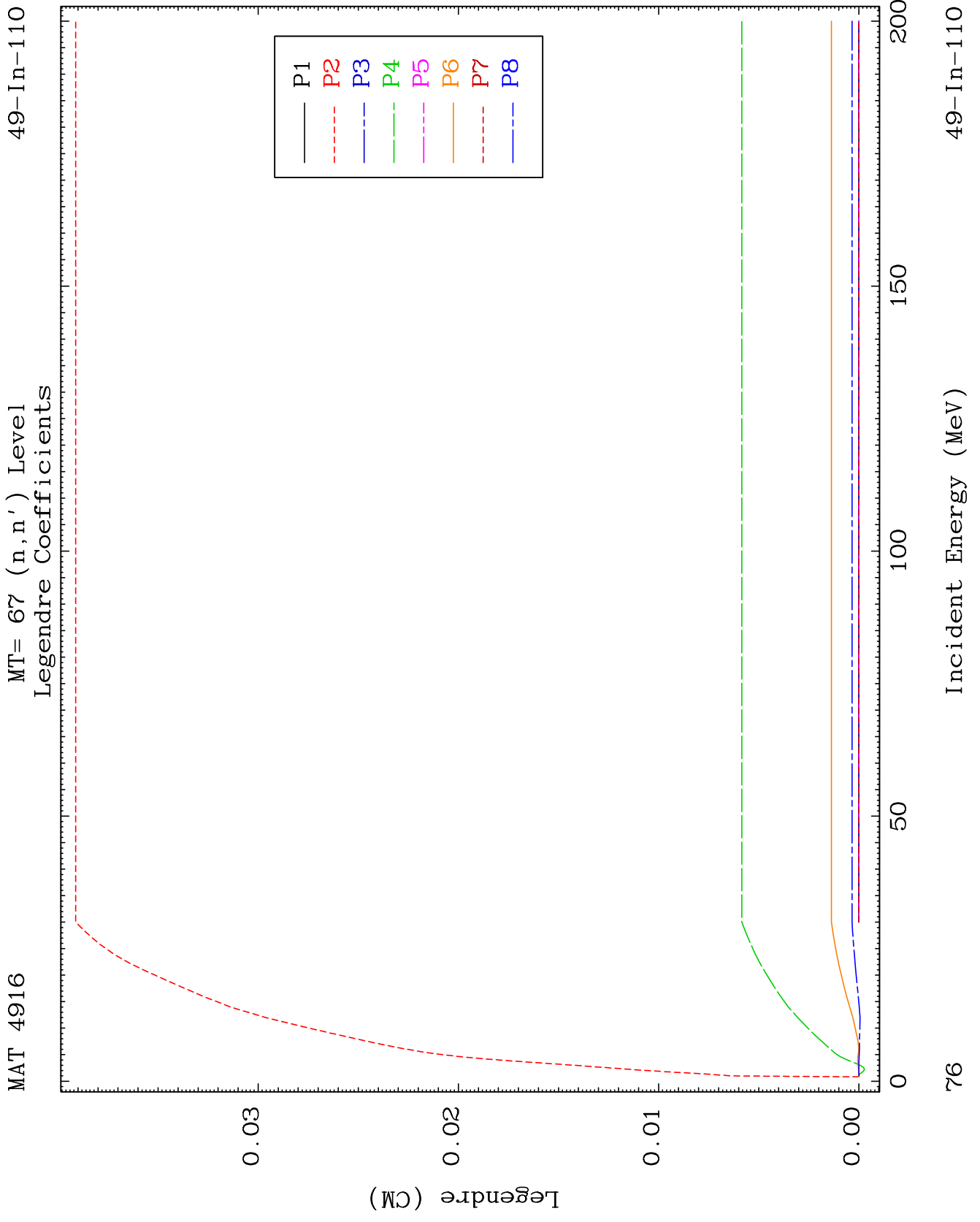
MAT 4916

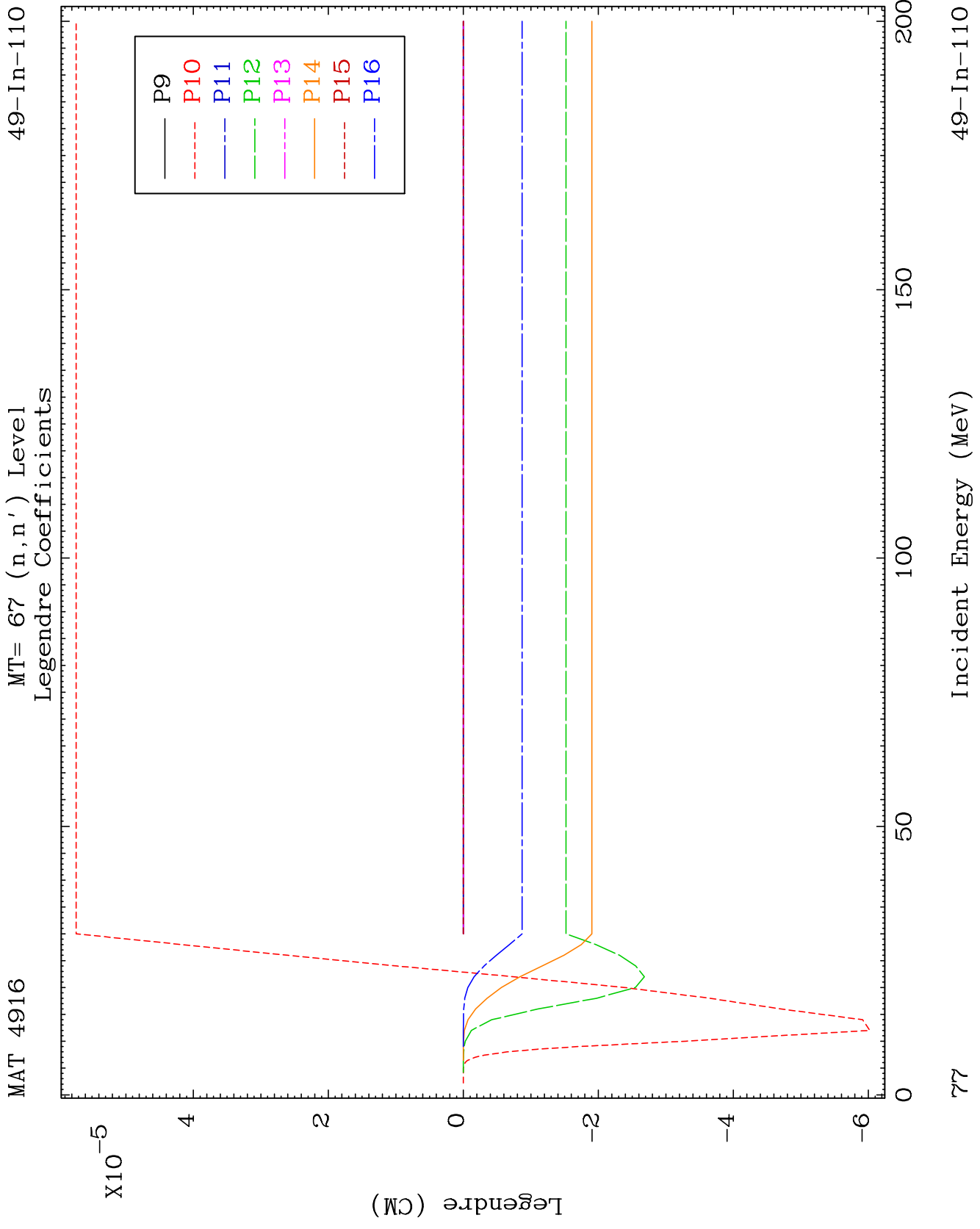
MT= 66 (n,n') Level  
Legendre Coefficients

49-In-110











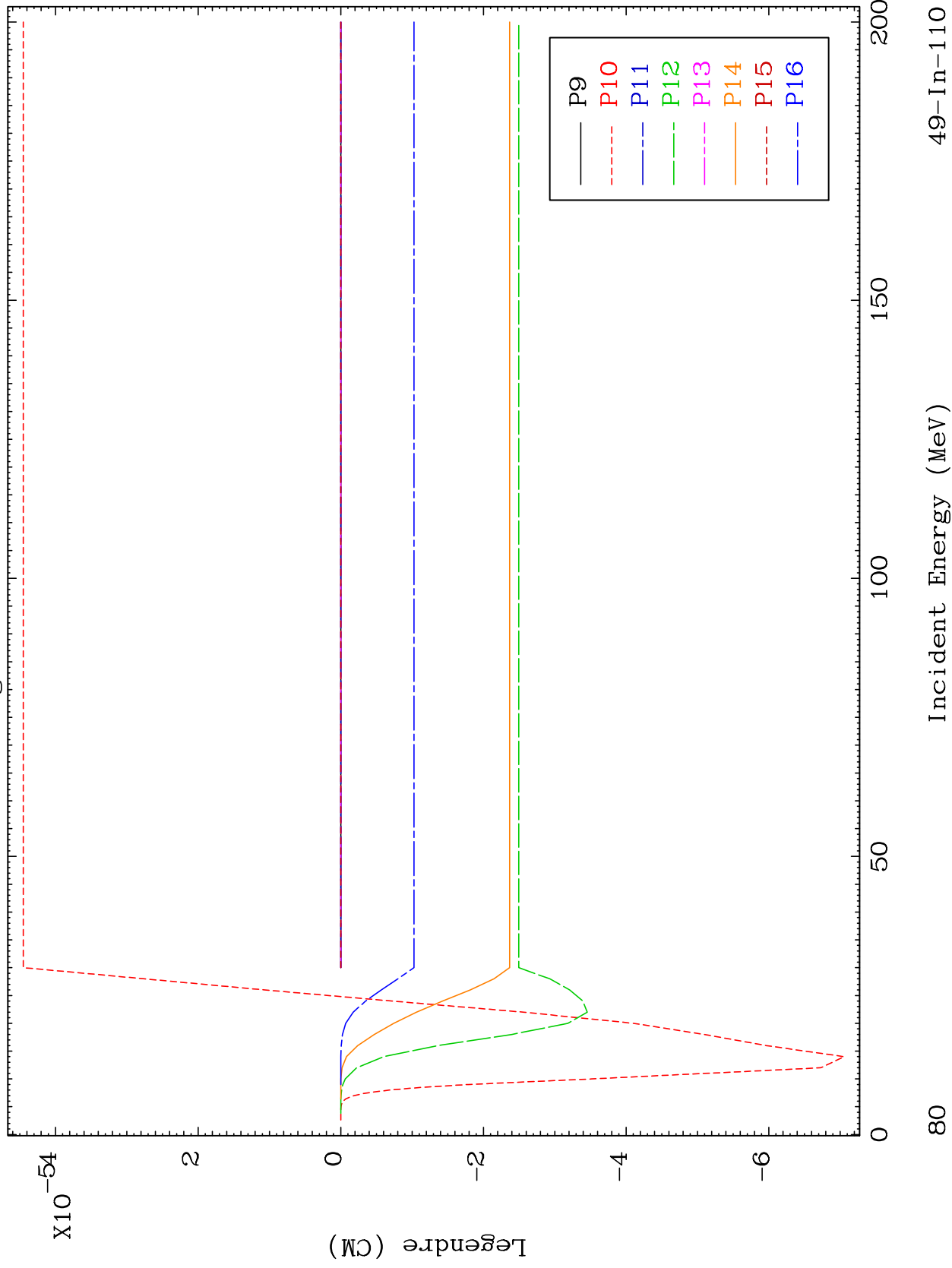




MAT 4916

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

49-In-110



49-In-110

Incident Energy (MeV)

80



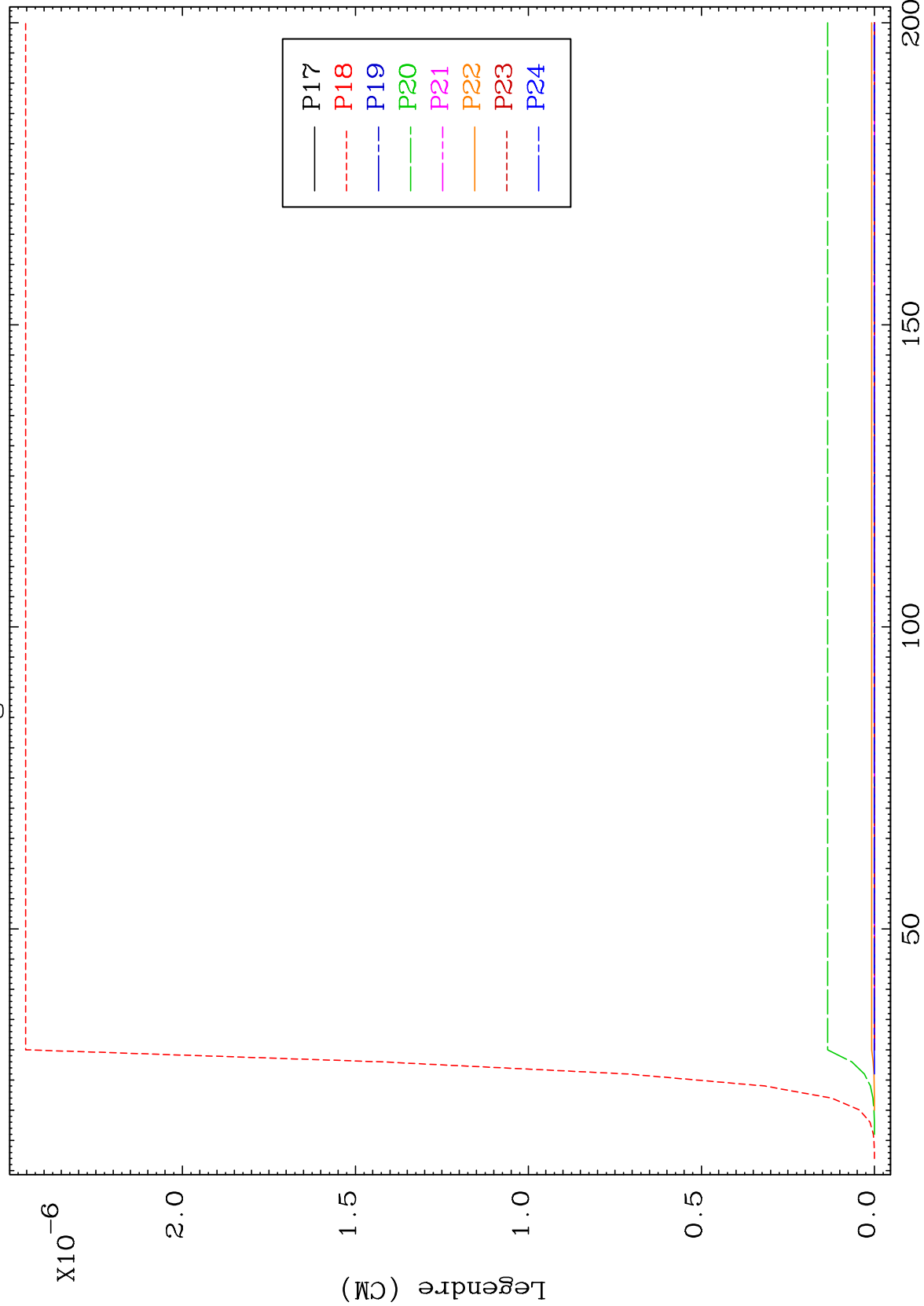




MAT 4916

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

49-In-110



84

Incident Energy (MeV)

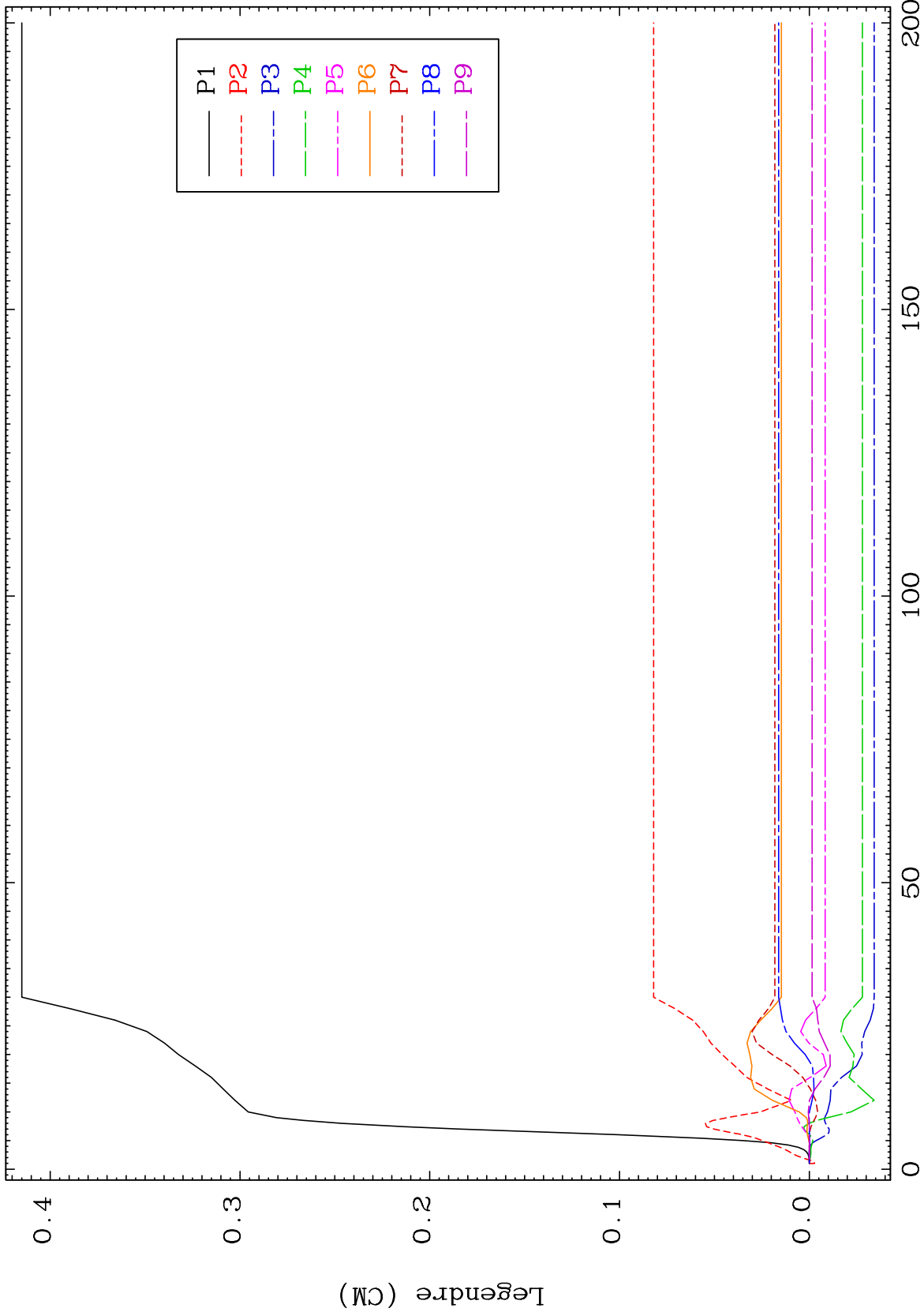
49-In-110

MAT 4916

MT= 70 (n,n') Level

49-In-110

Legendre Coefficients



85

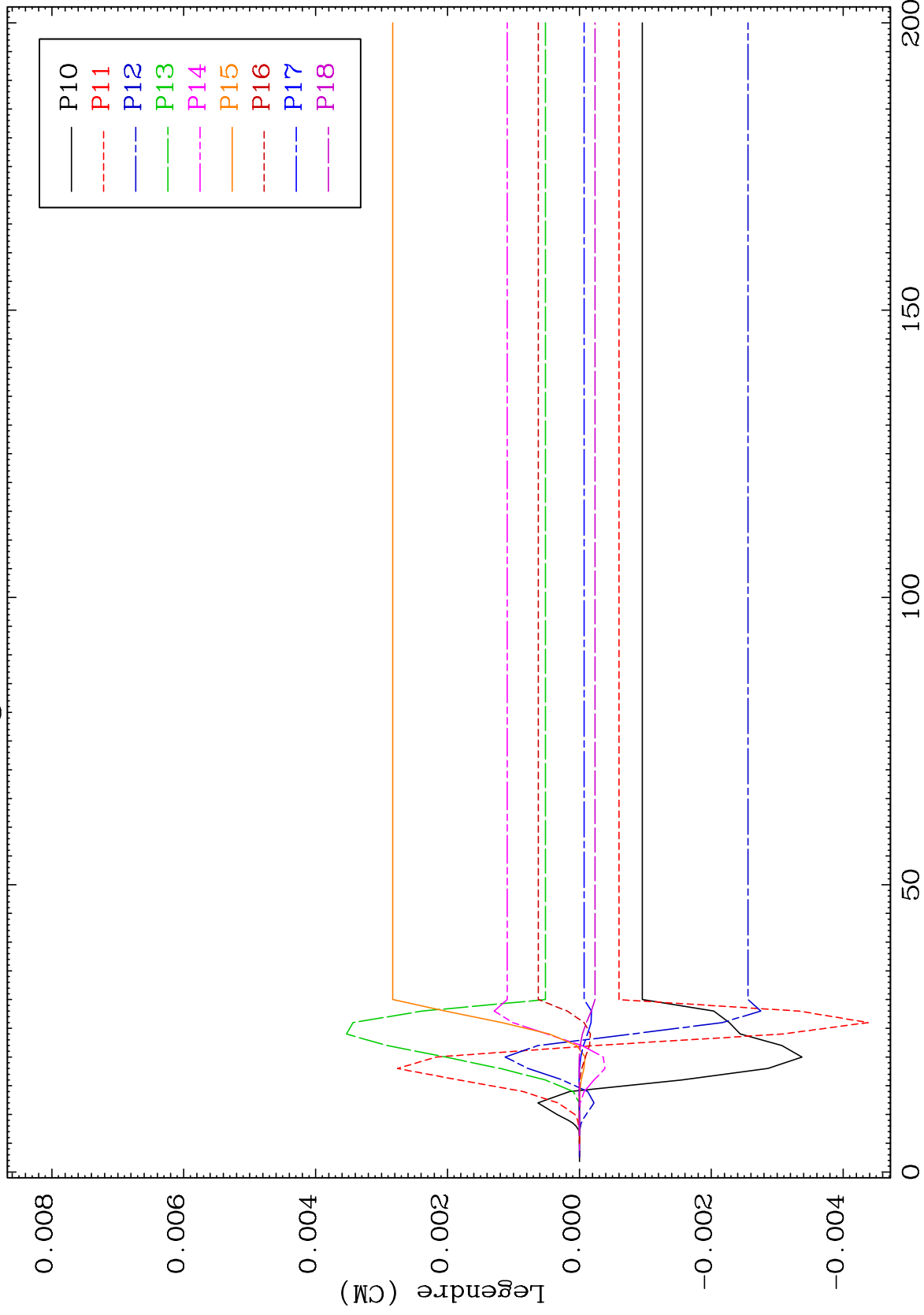
Incident Energy (MeV)

49-In-110

MAT 4916

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

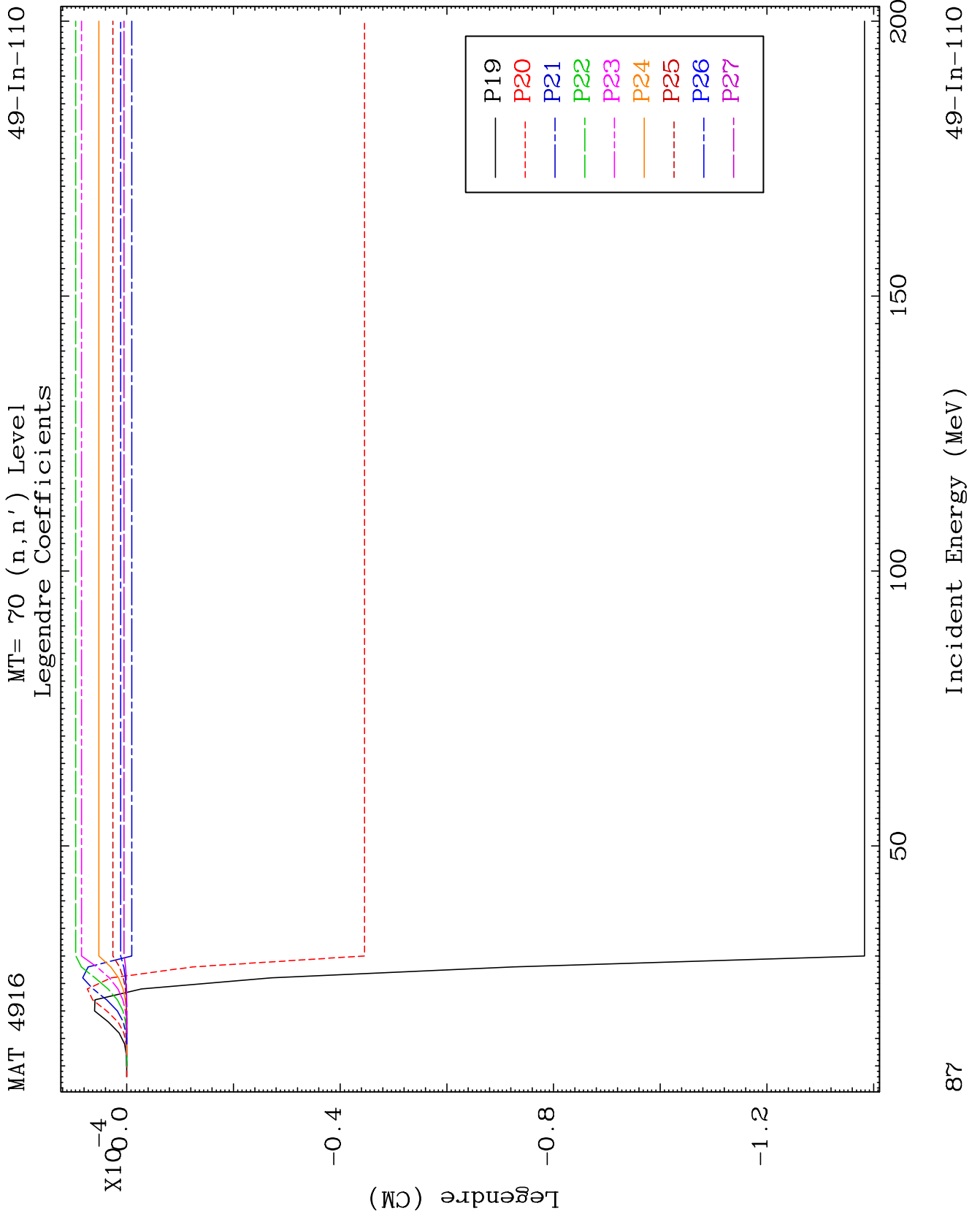
49-In-110



86

Incident Energy (MeV)

49-In-110

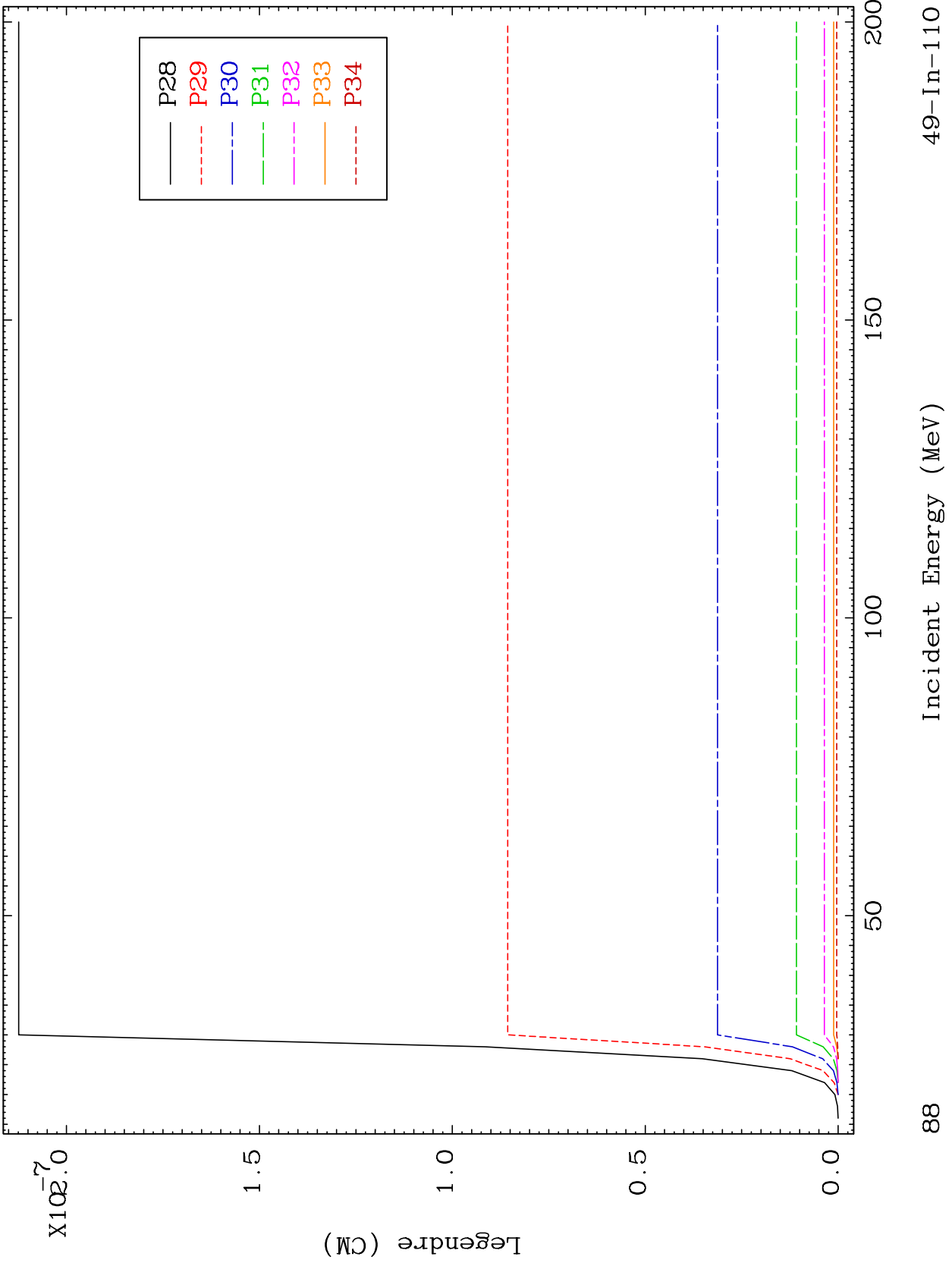




MAT 4916

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

49-In-110



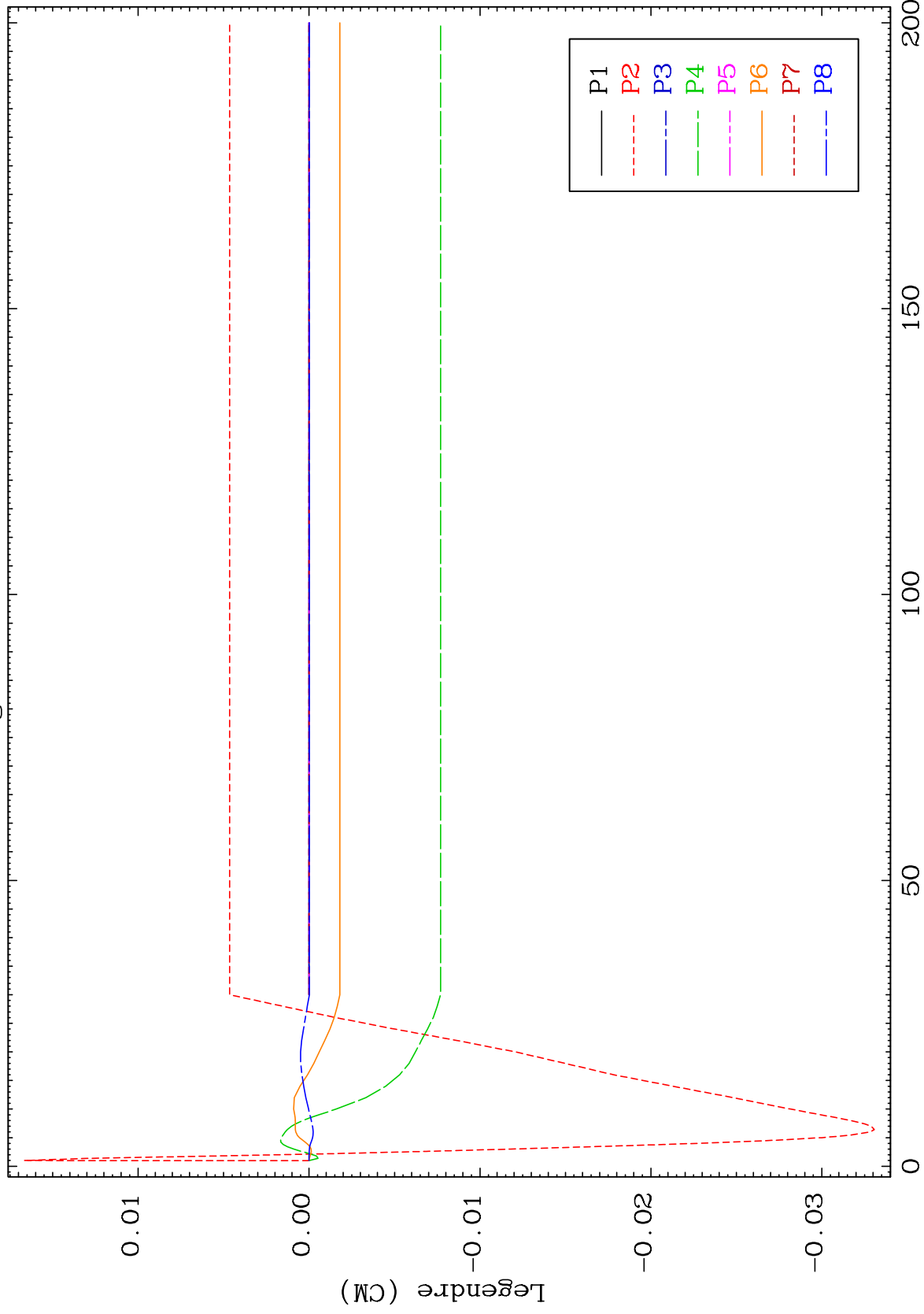
88

49-In-110

MAT 4916

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

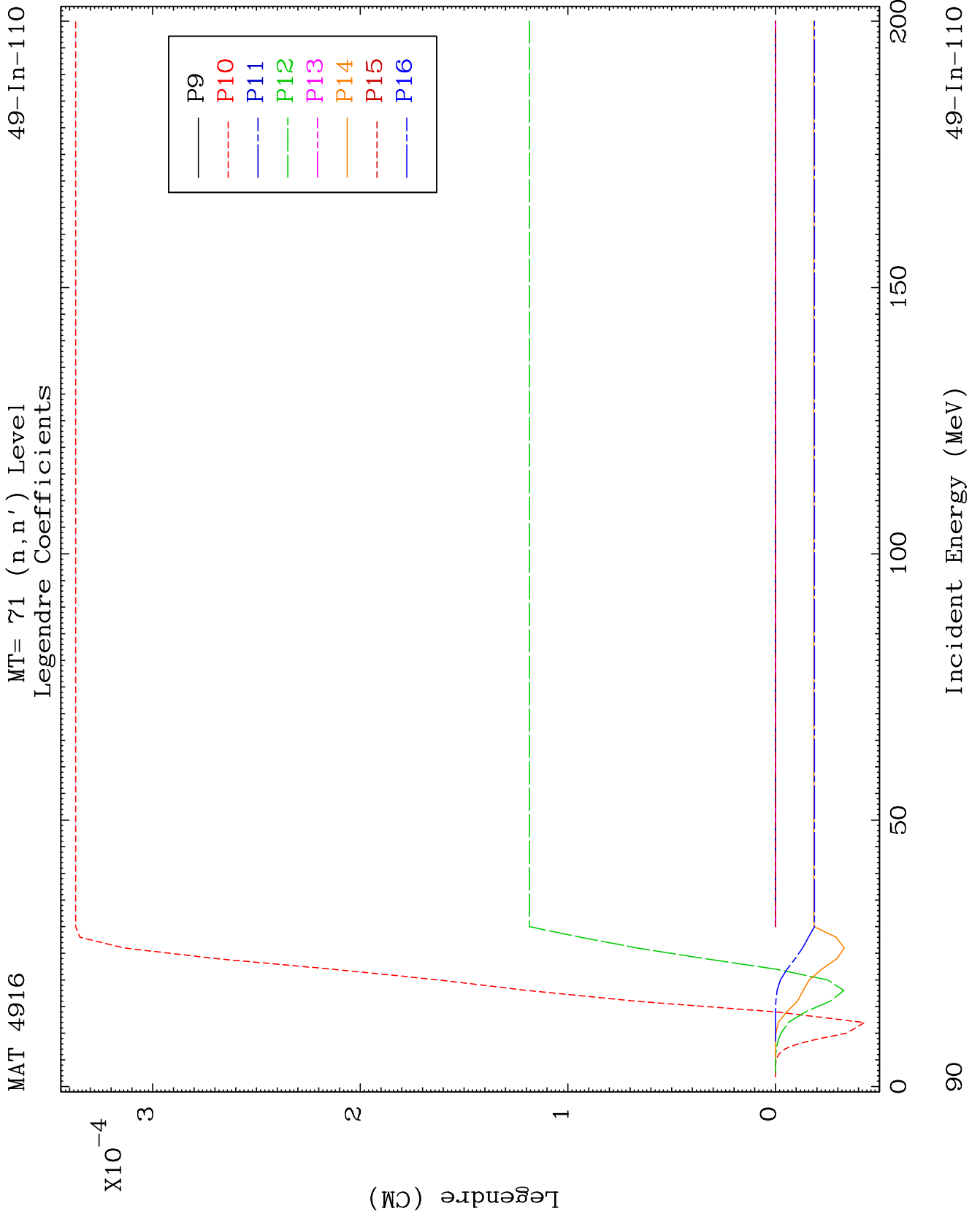
49-In-110

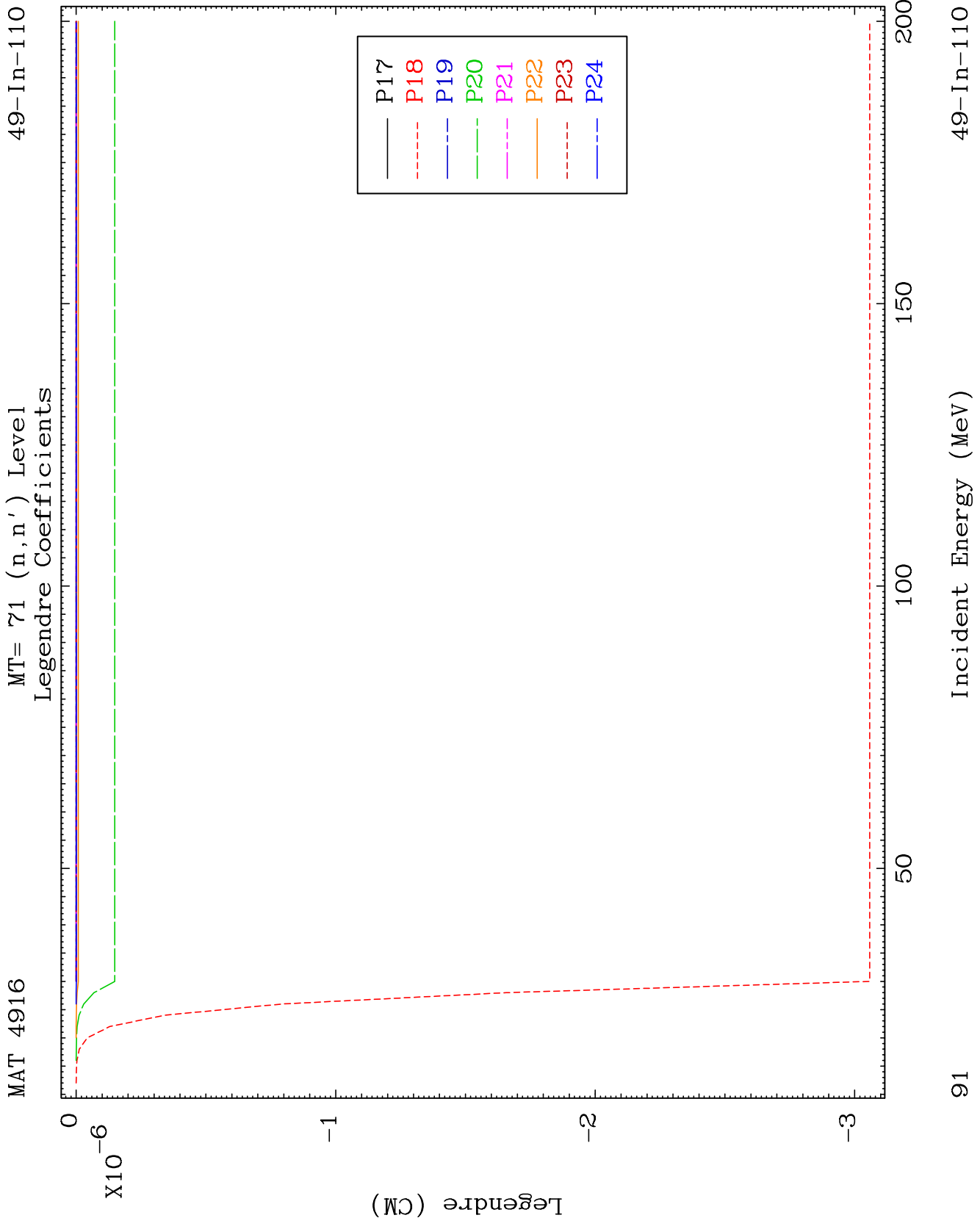


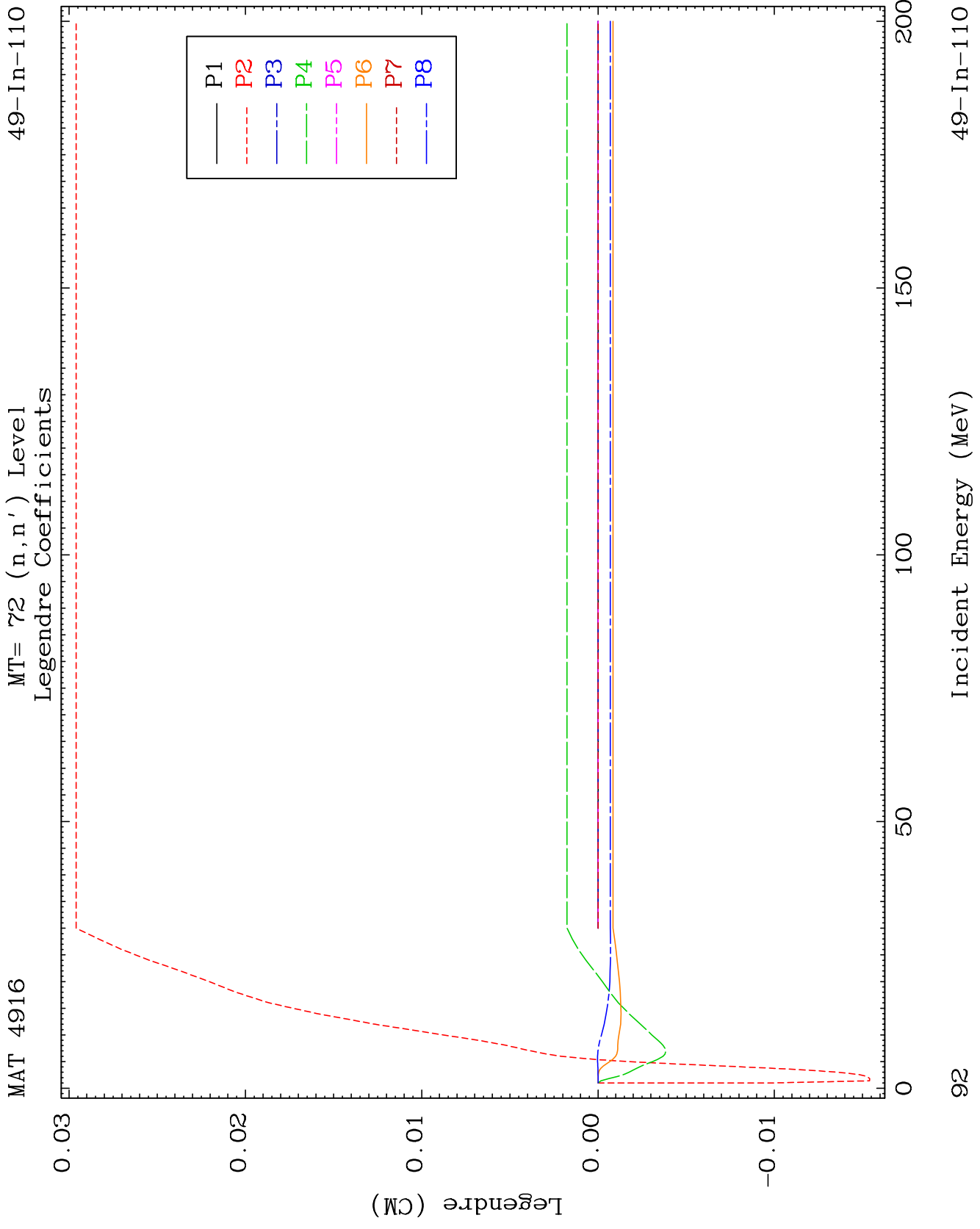
89

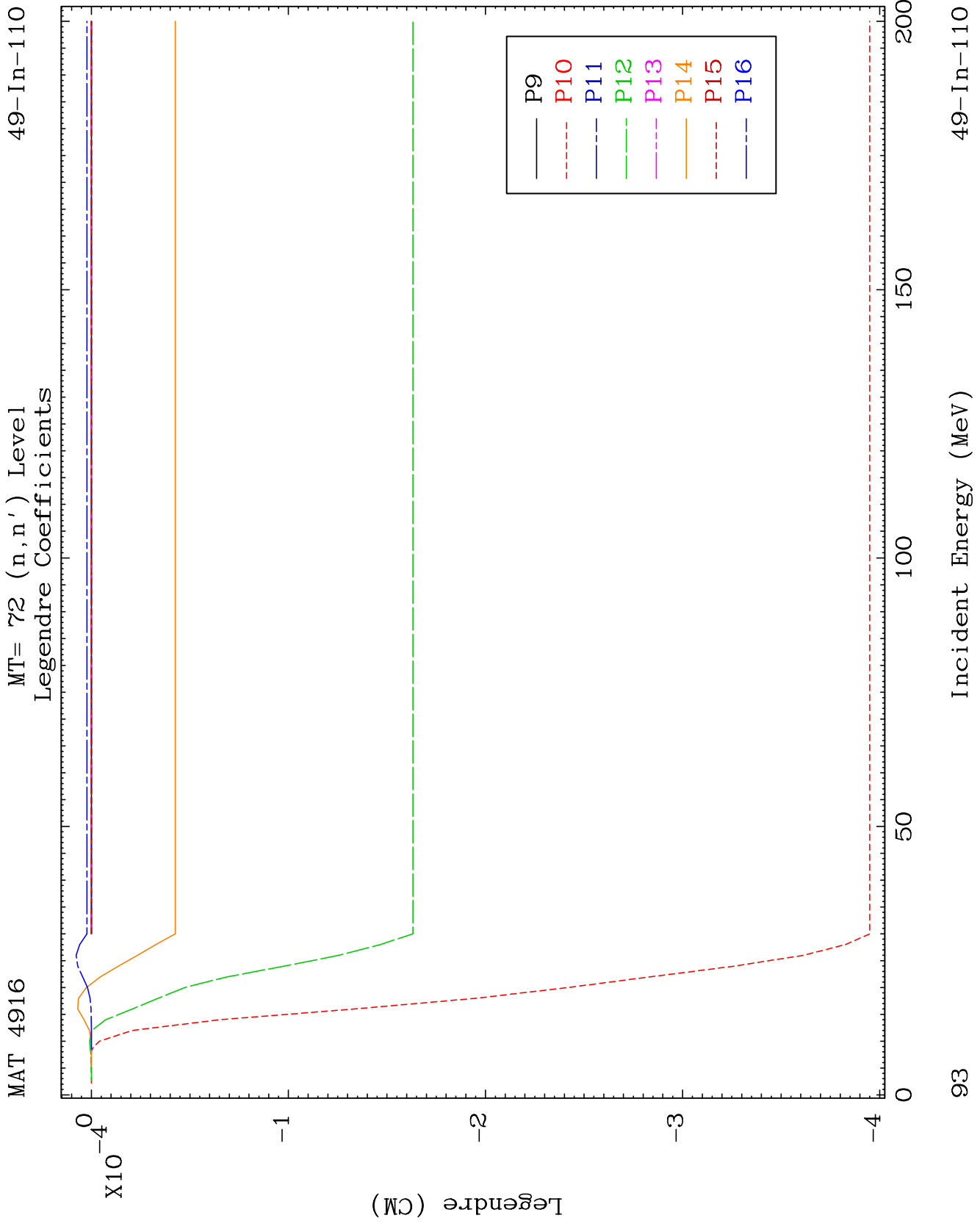
Incident Energy (MeV)

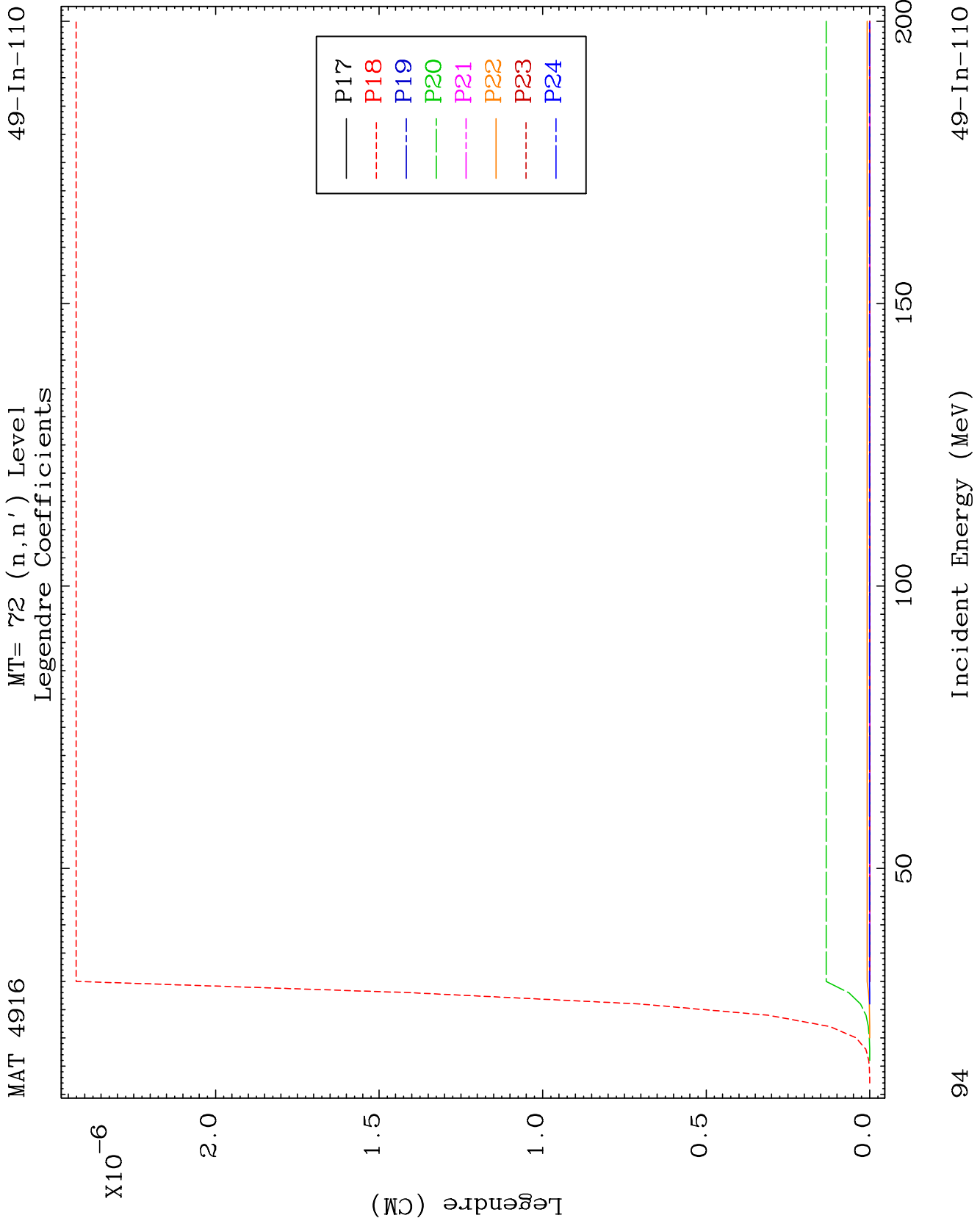
49-In-110







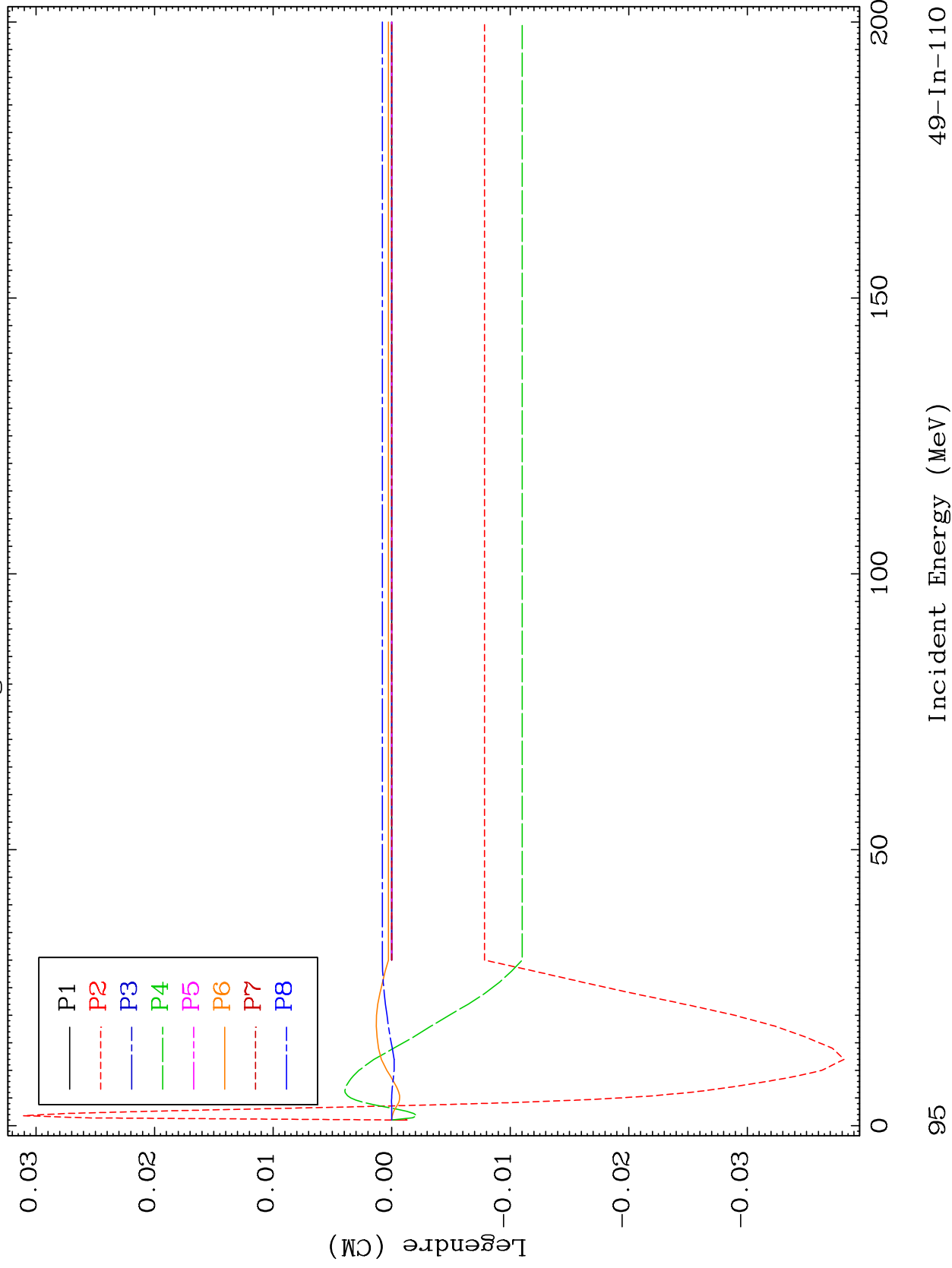




MAT 4916

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

49-In-110



49-In-110

Incident Energy (MeV)

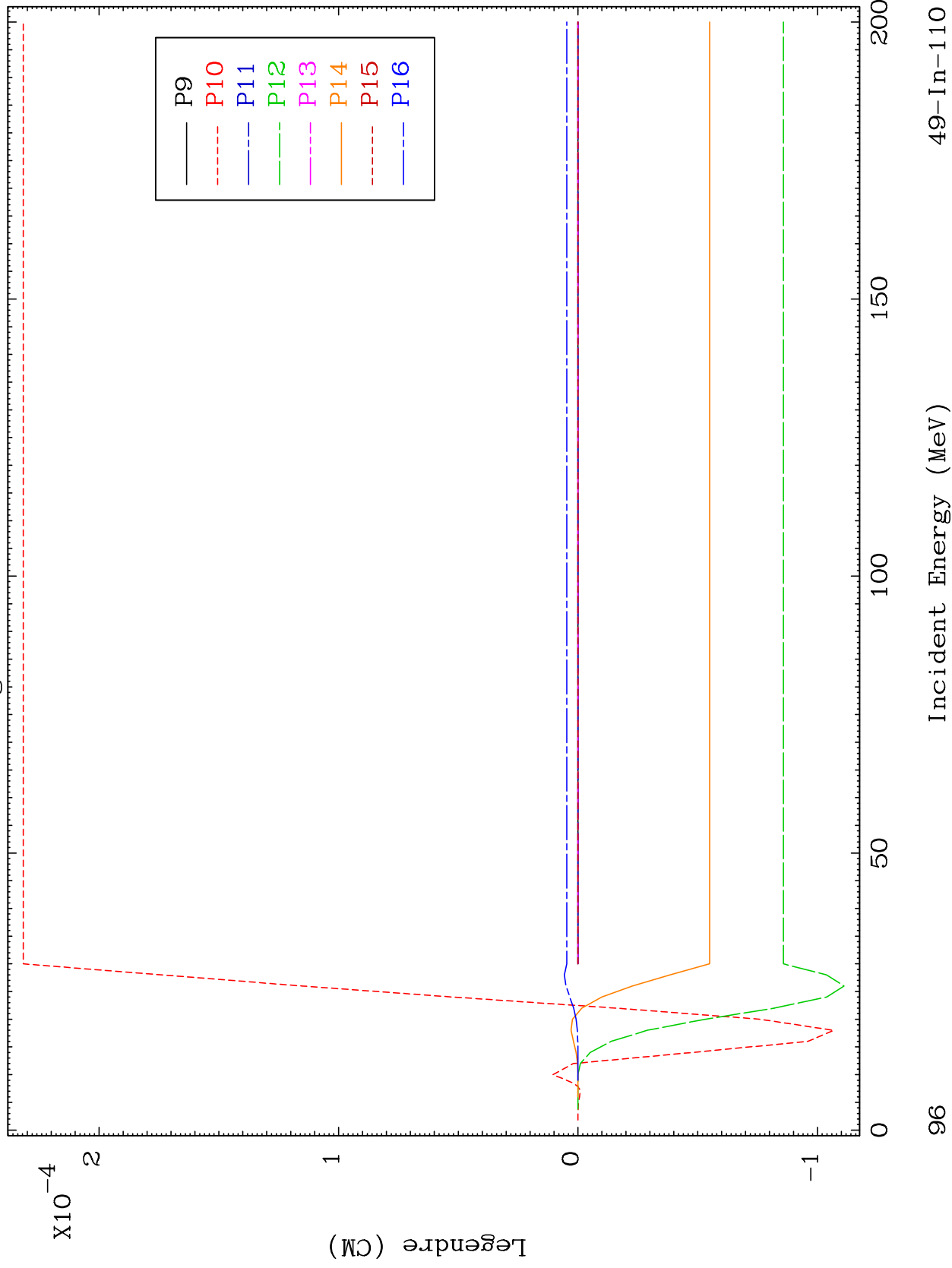
95



MAT 4916

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

49-In-110

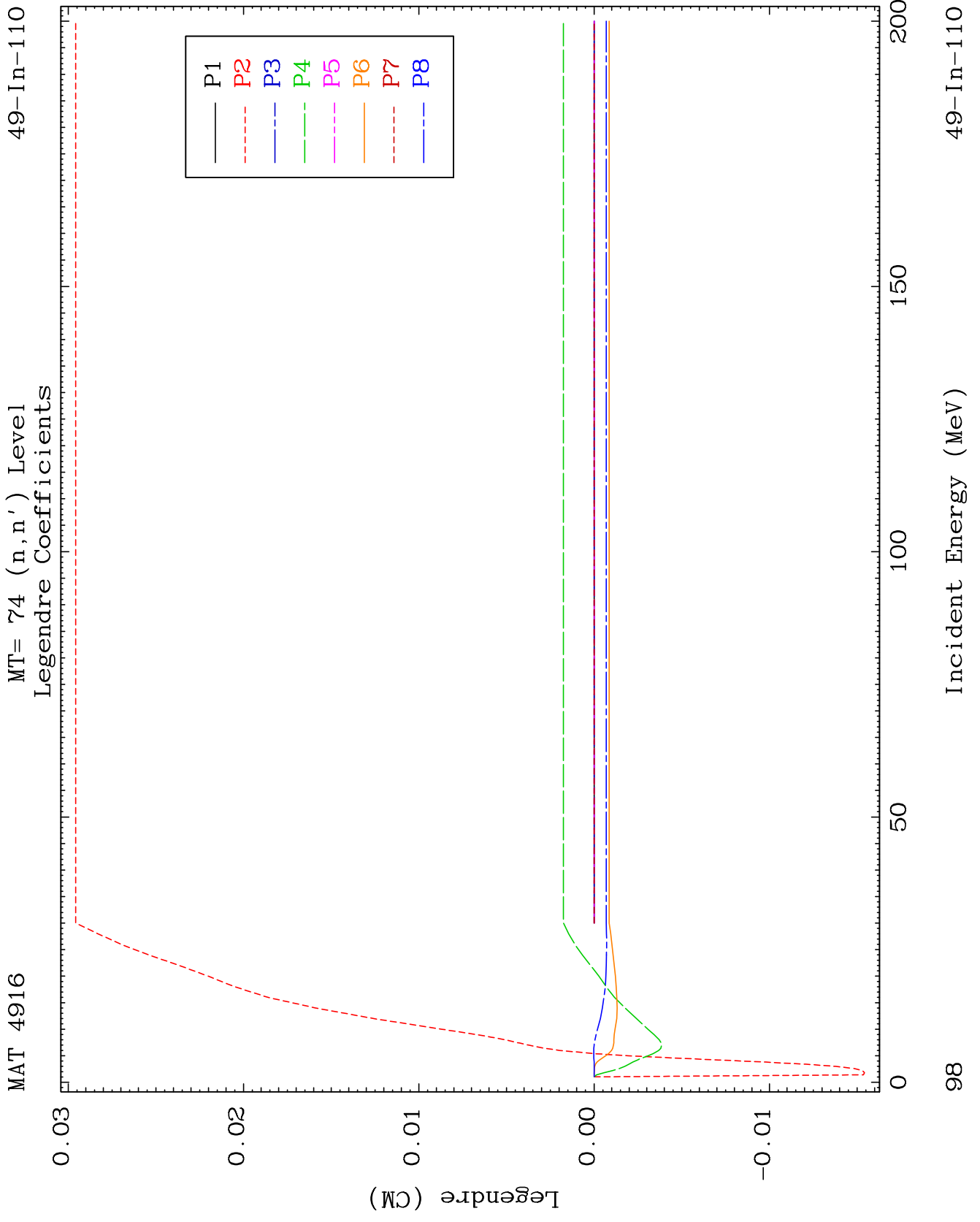


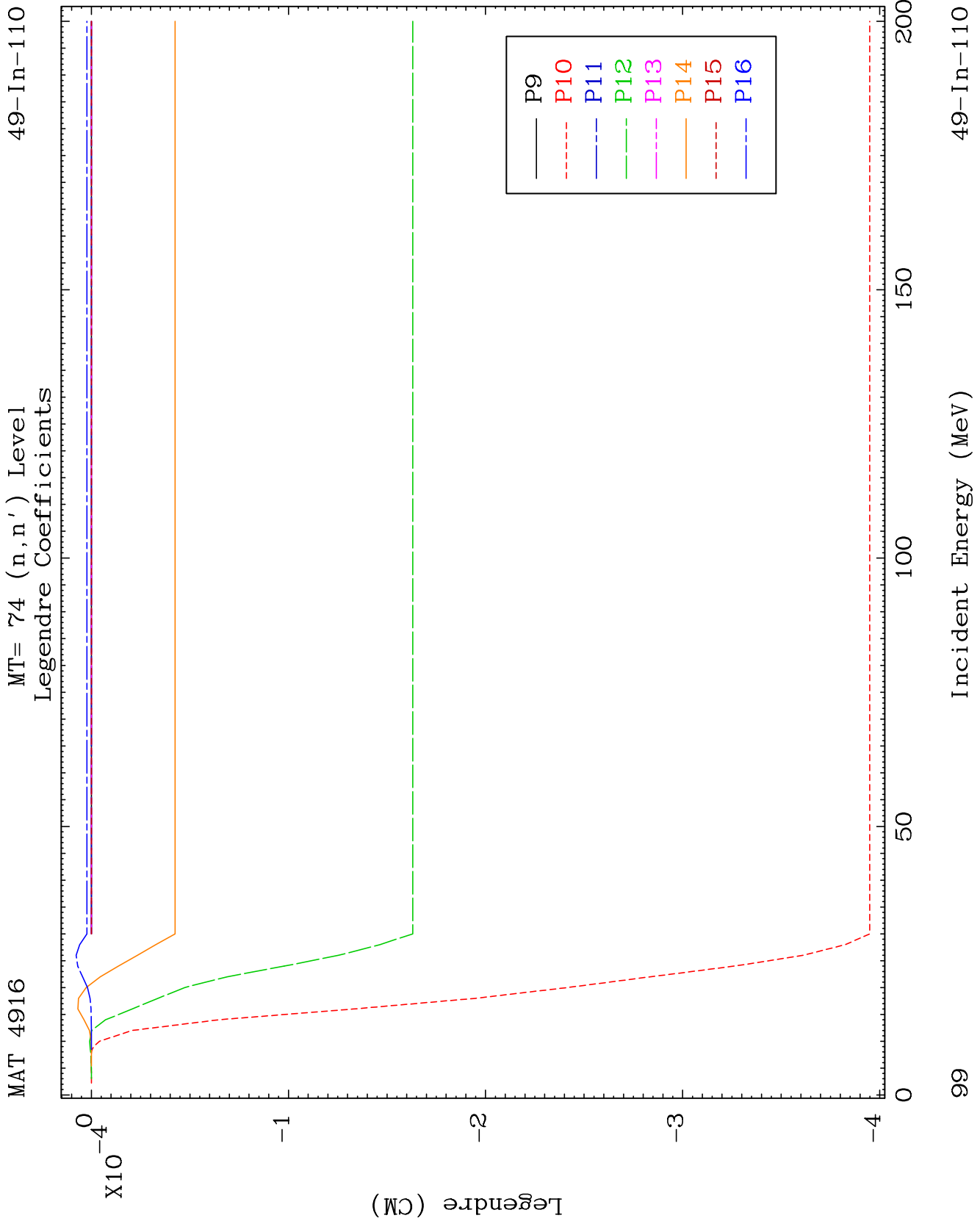
96

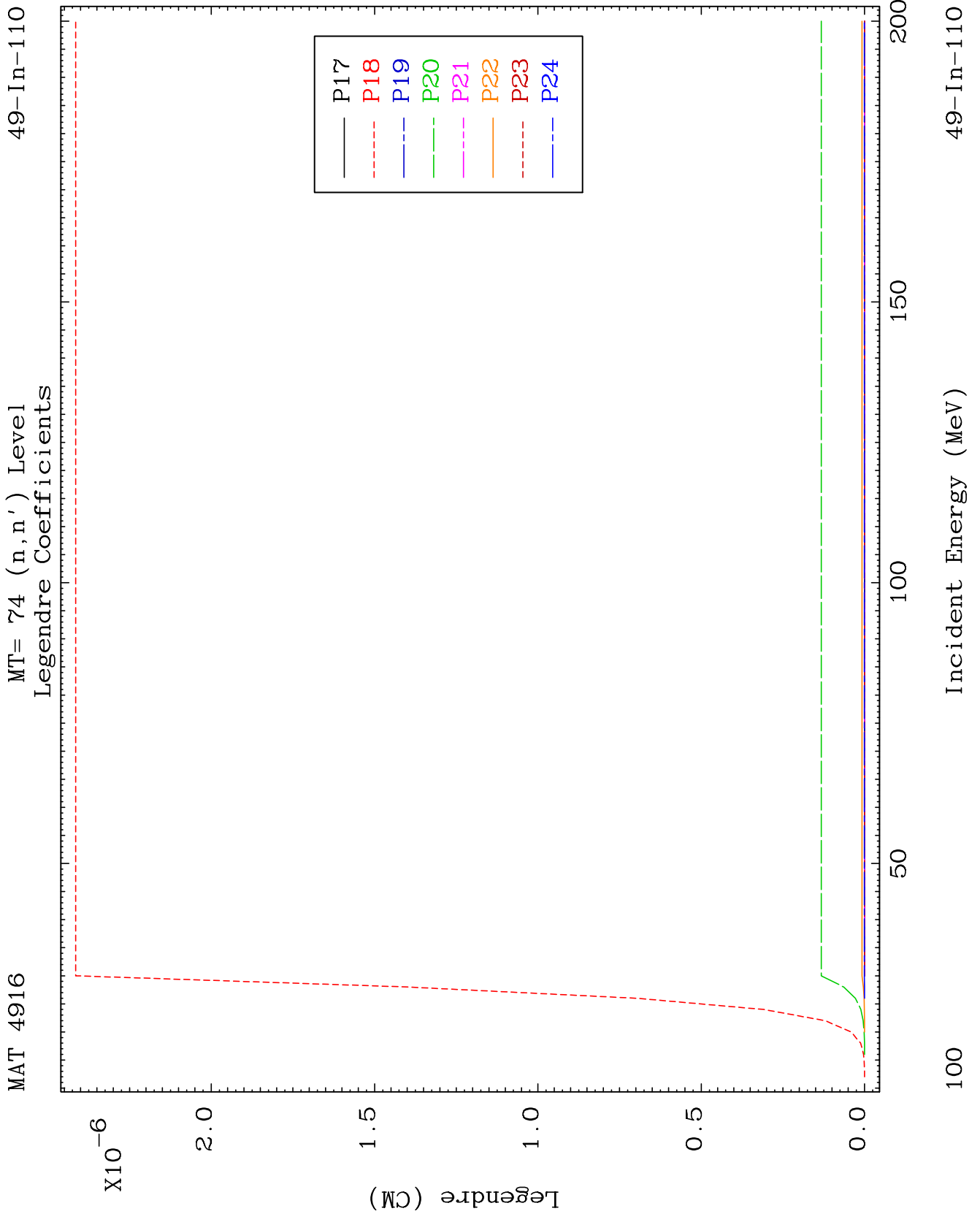
Incident Energy (MeV)

49-In-110





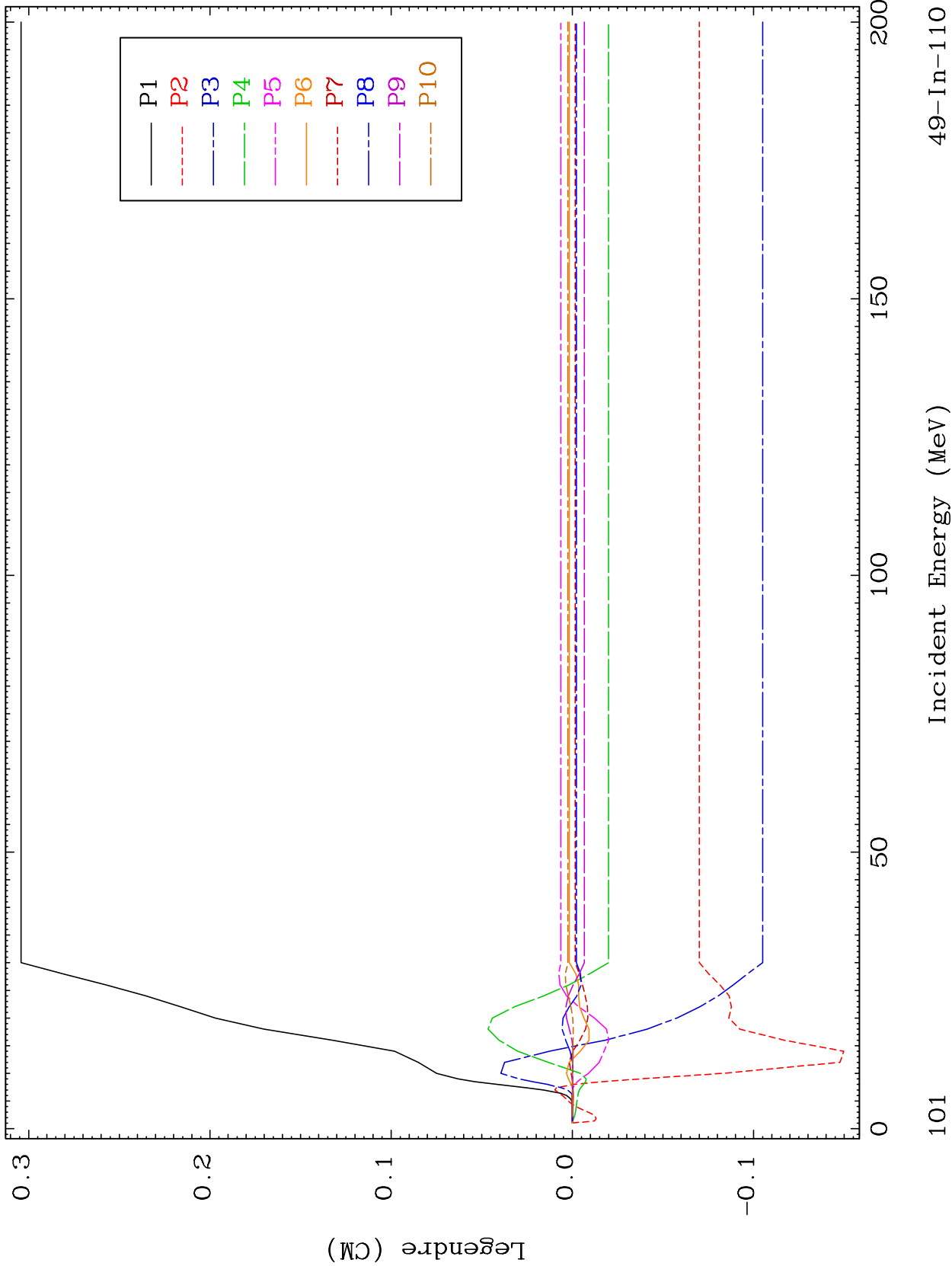




MAT 4916

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

49-In-110



49-In-110

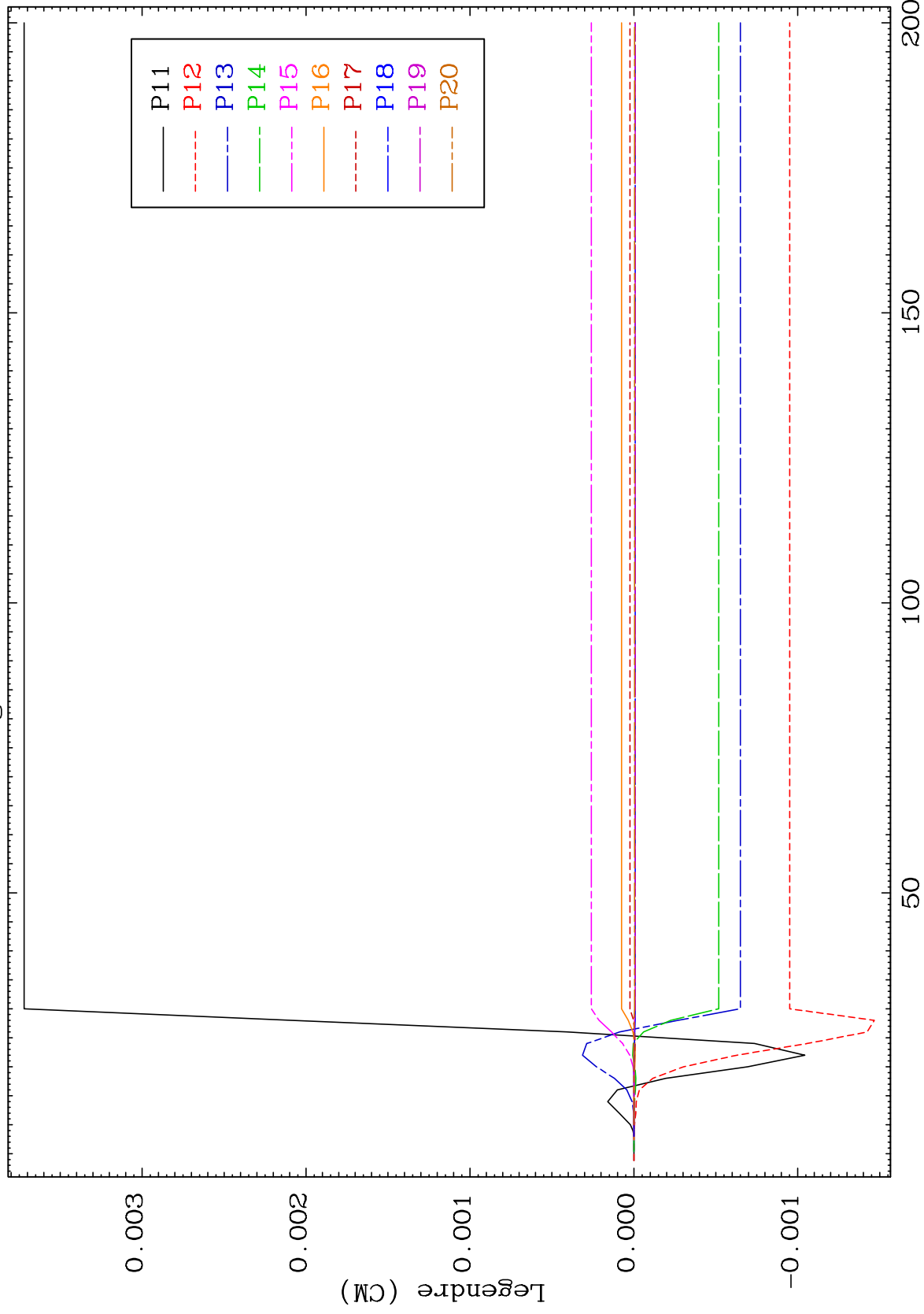
Incident Energy (MeV)

101

MAT 4916

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

49-In-110



102

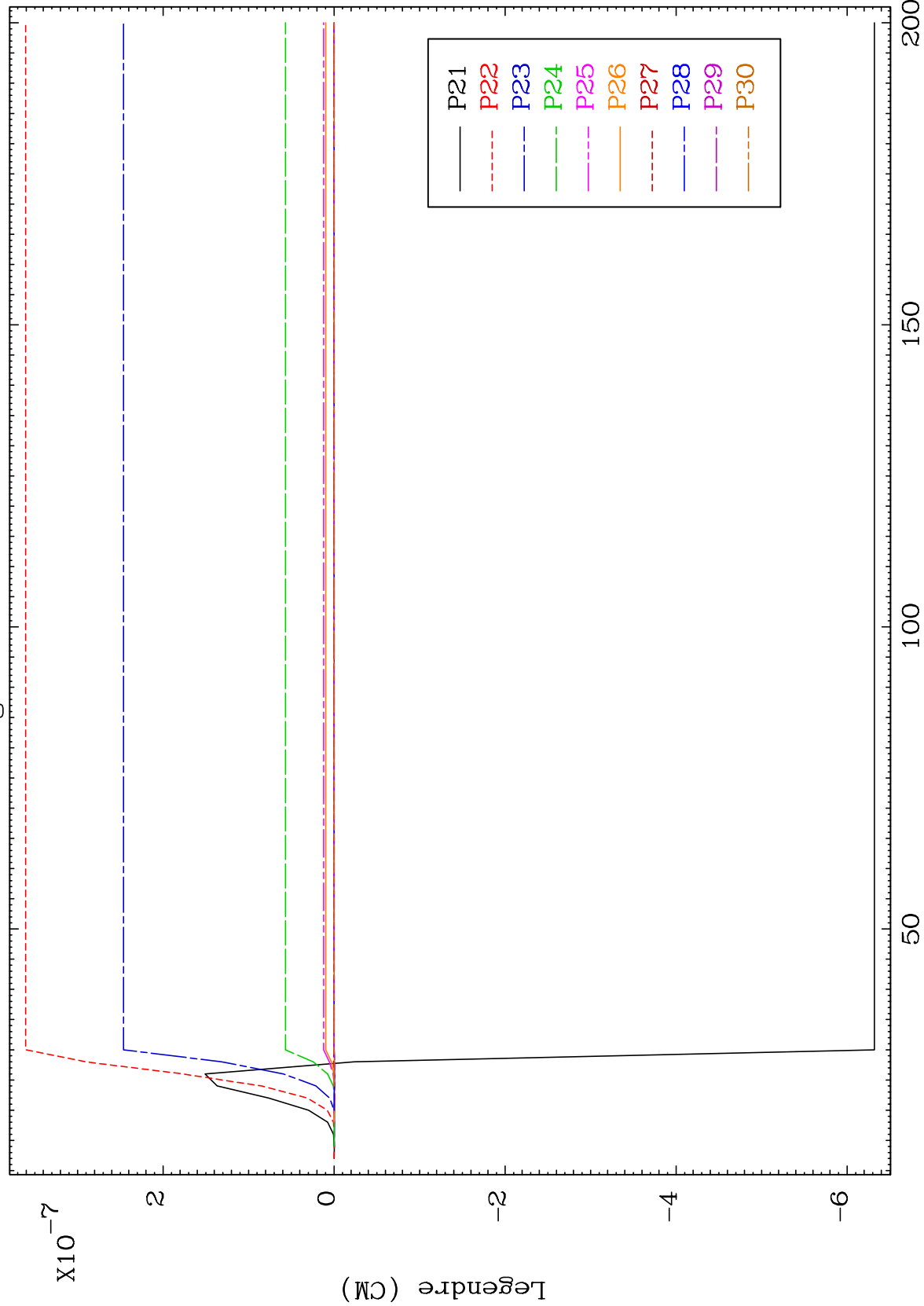
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



103

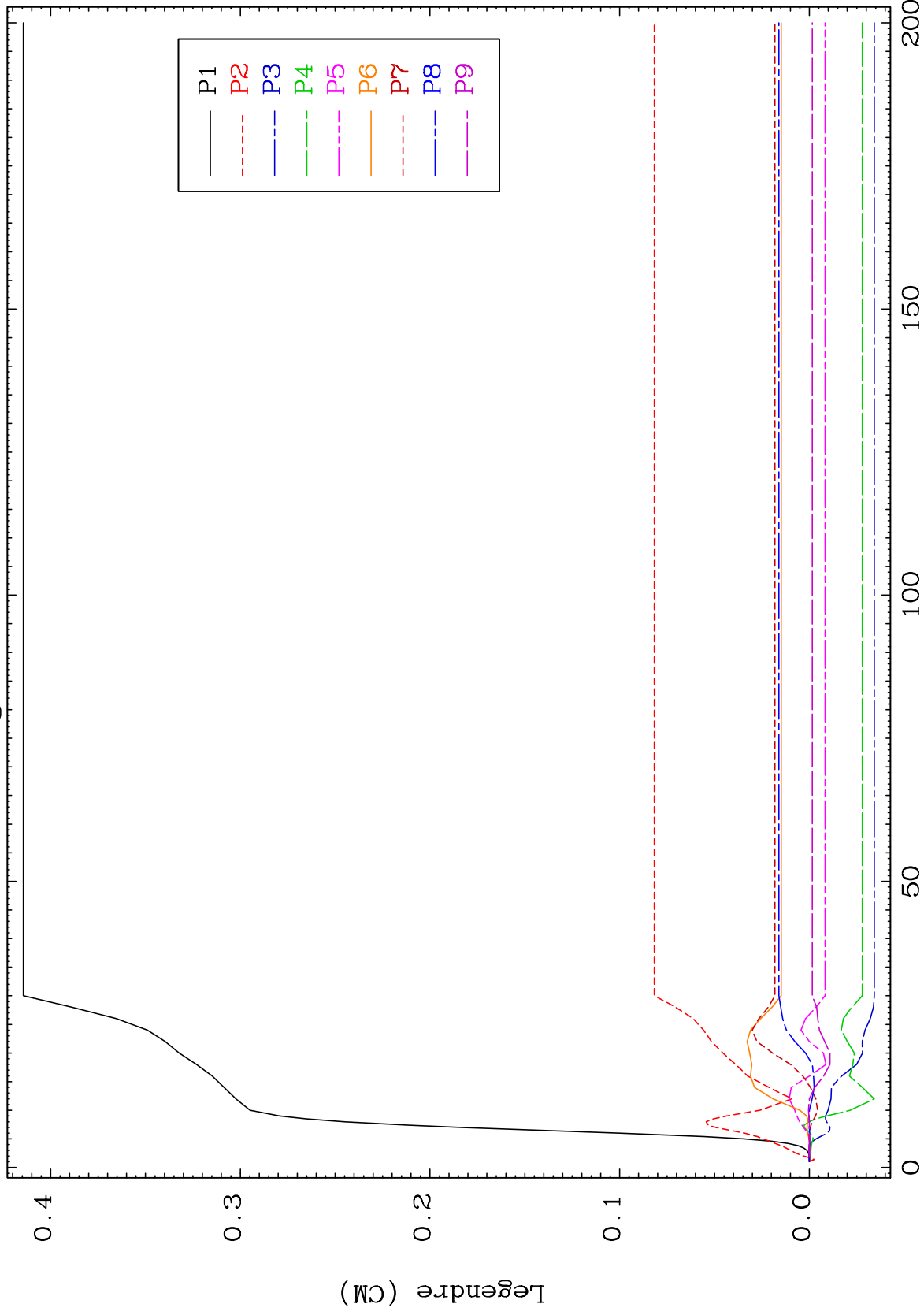
49-In-110



MAT 4916

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

49-In-110

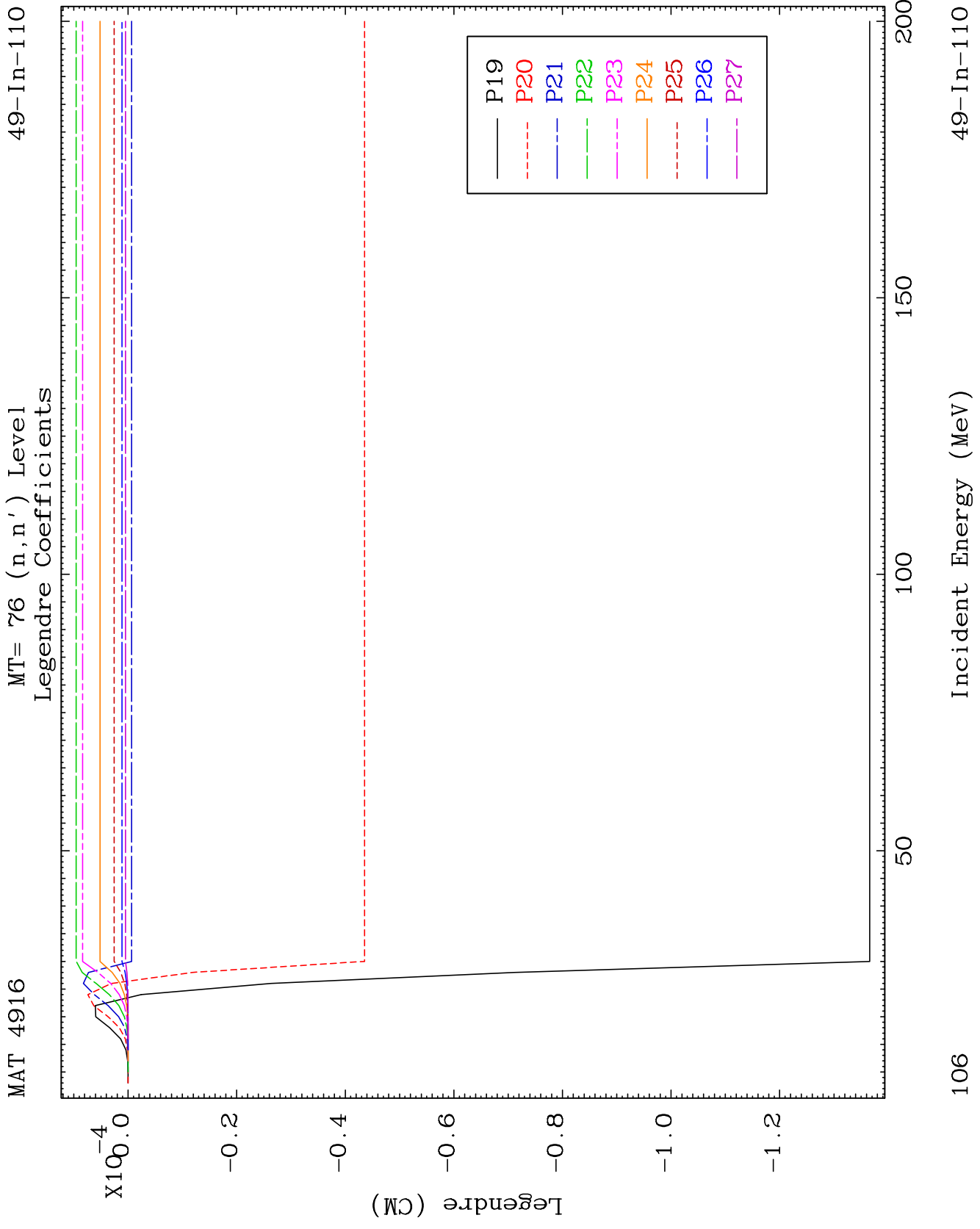


104

Incident Energy (MeV)

49-In-110

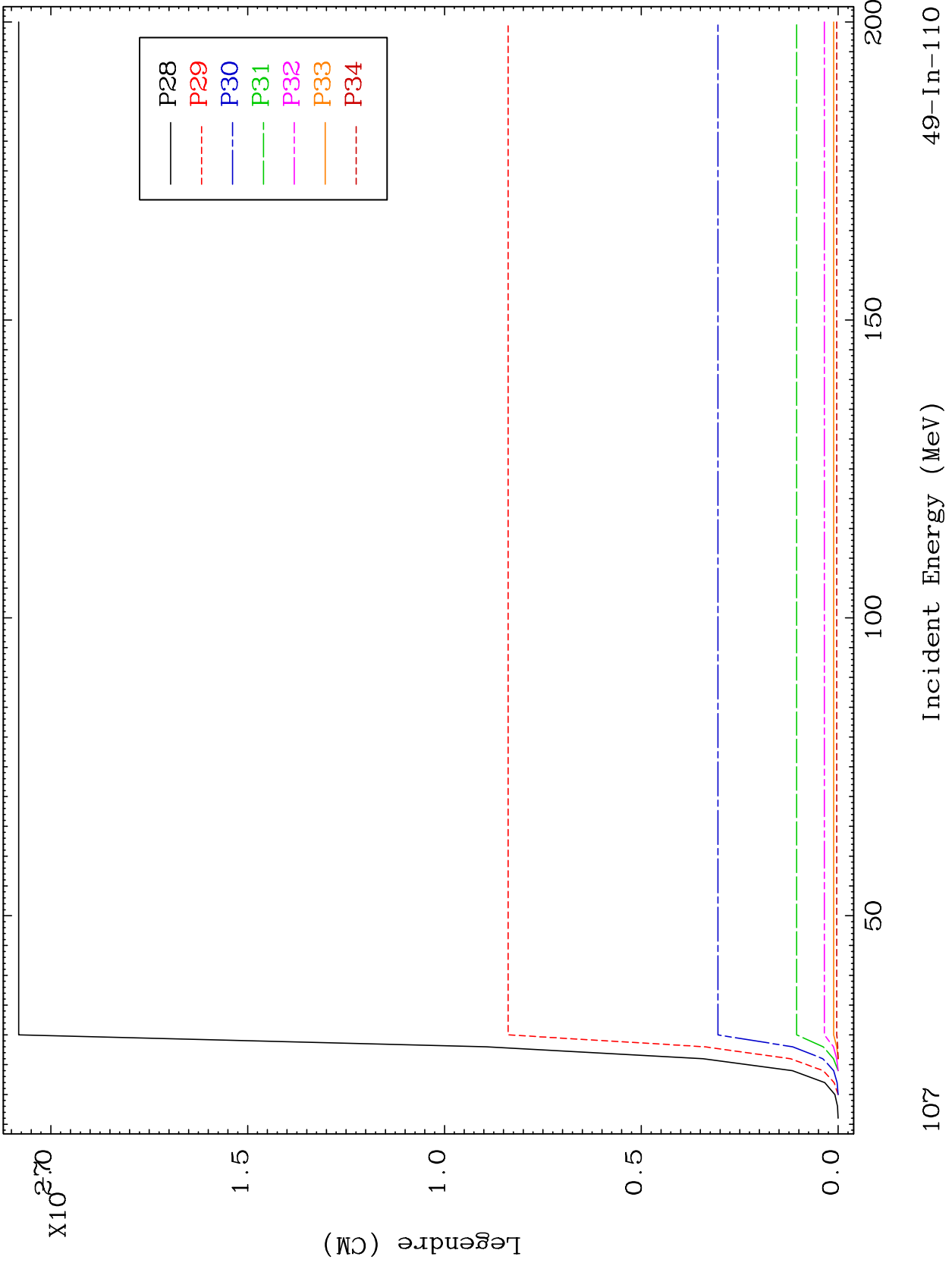




MAT 4916

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

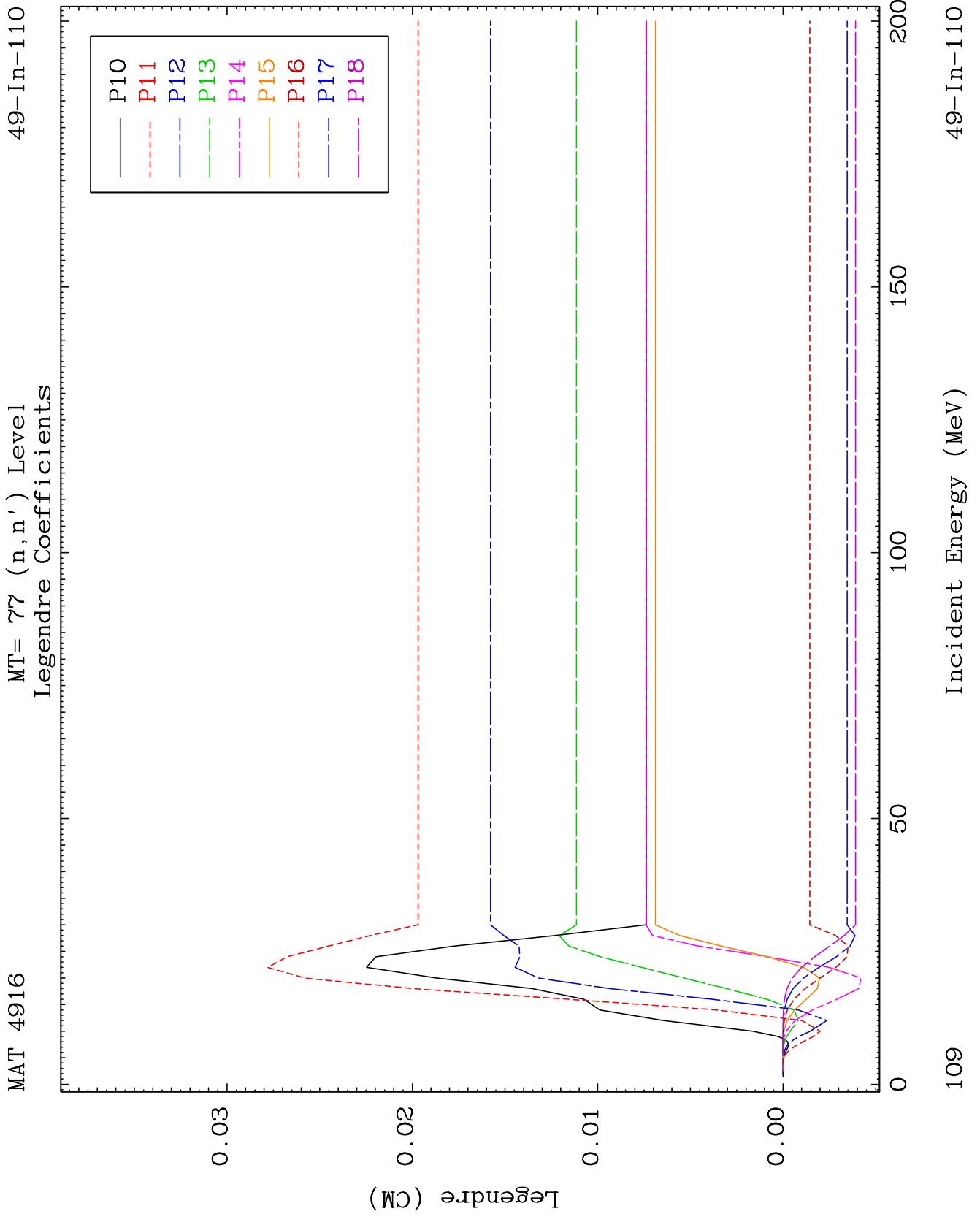
49-In-110



107

49-In-110

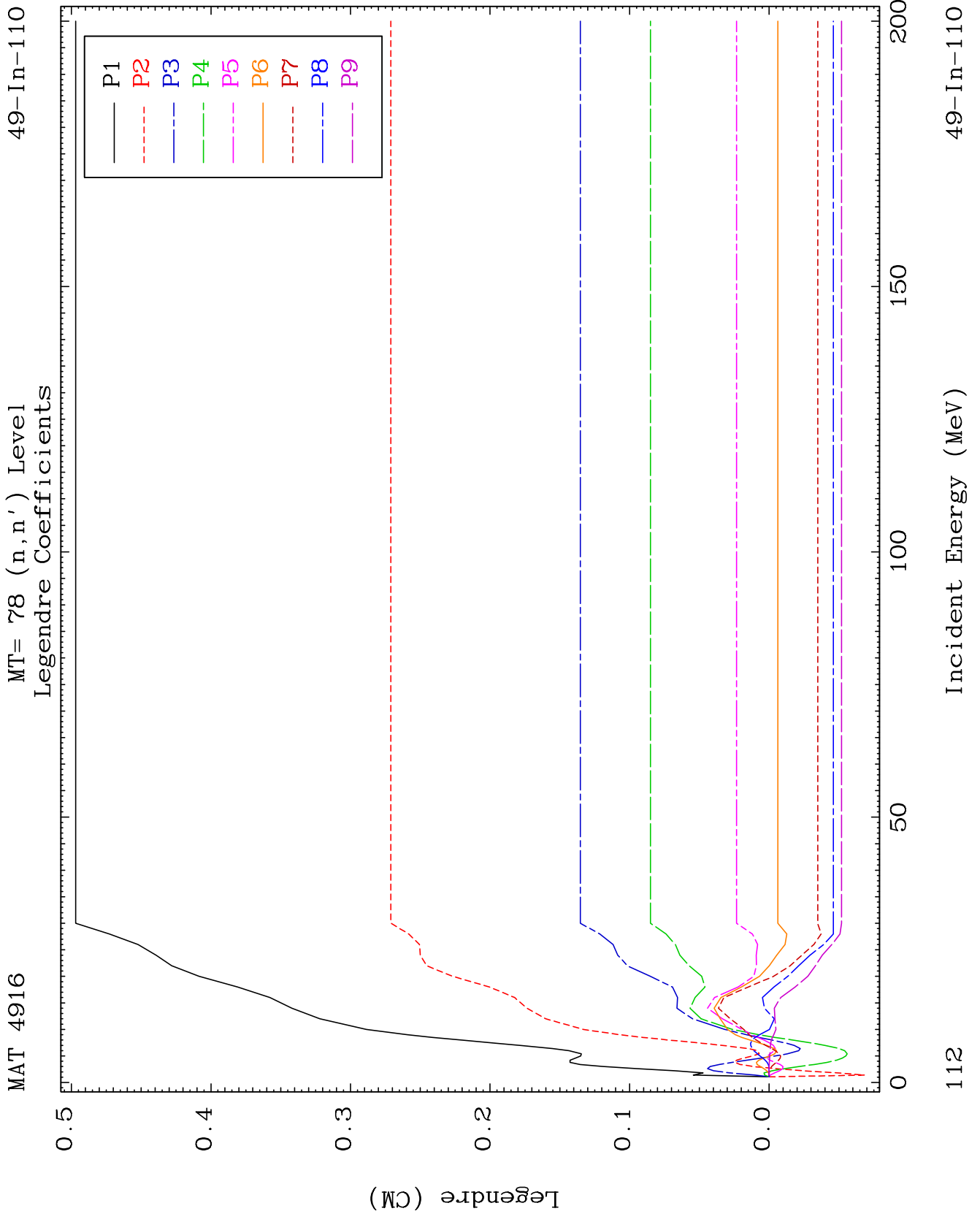








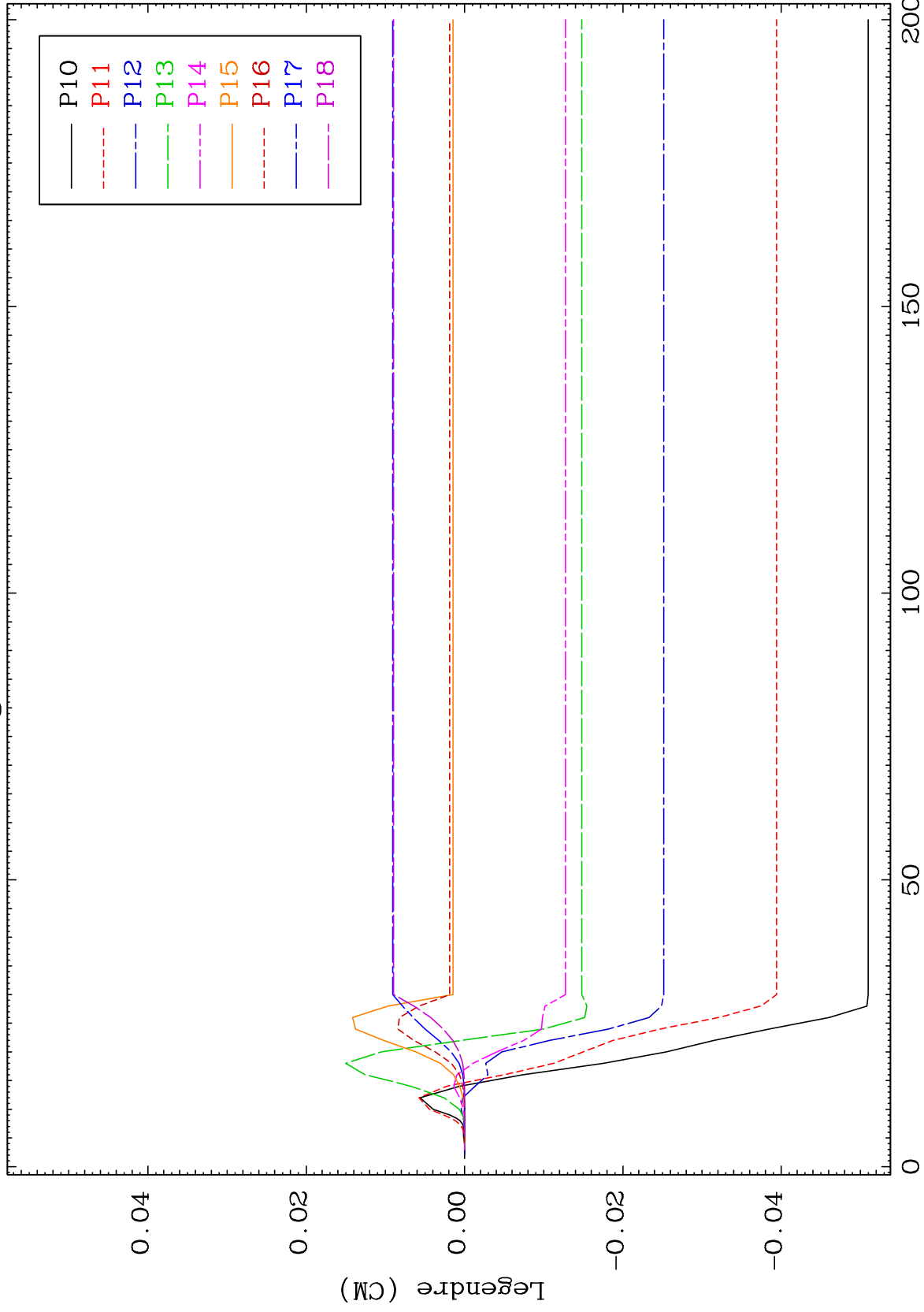




MAT 4916

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

49-In-110



113

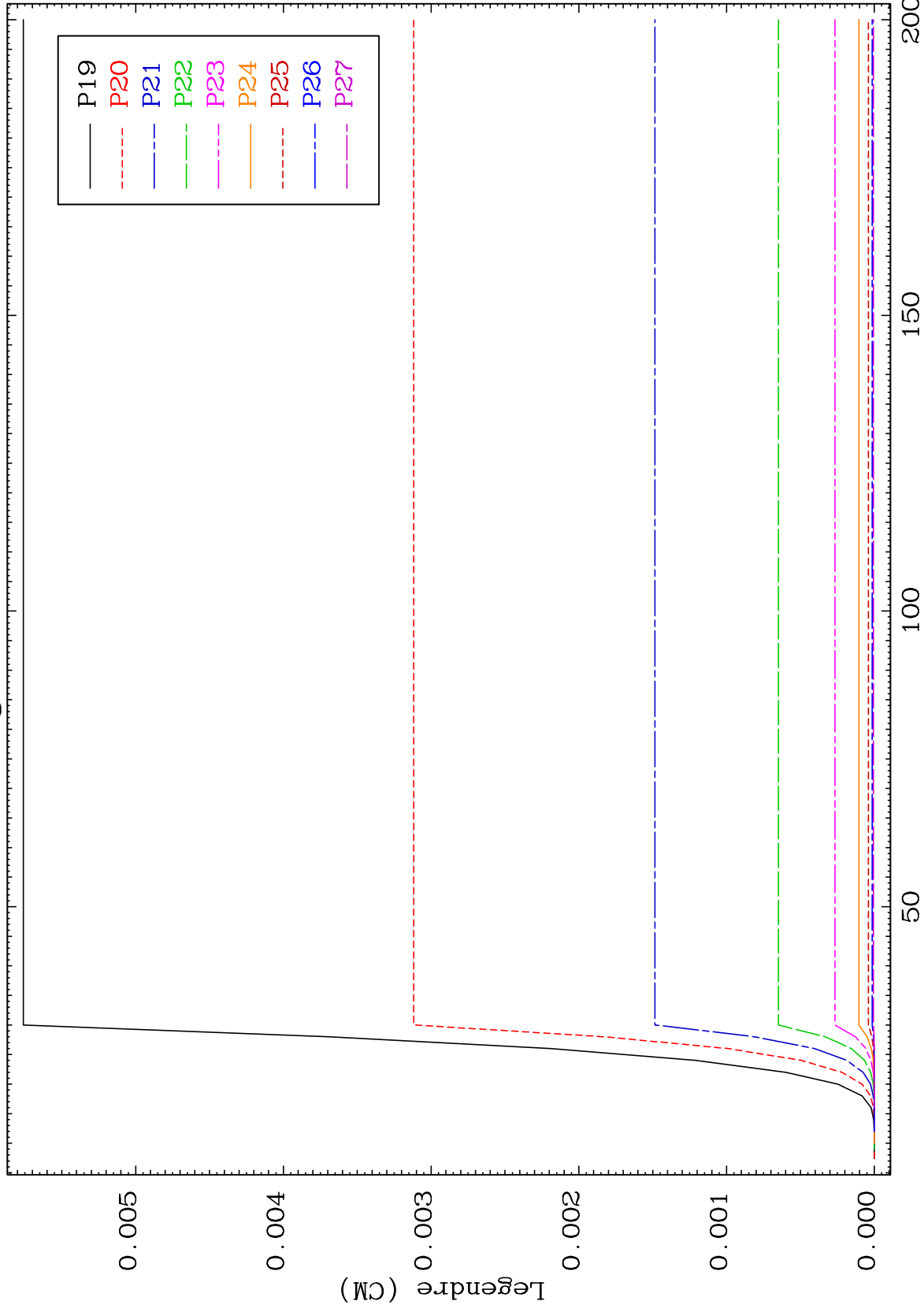
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



114

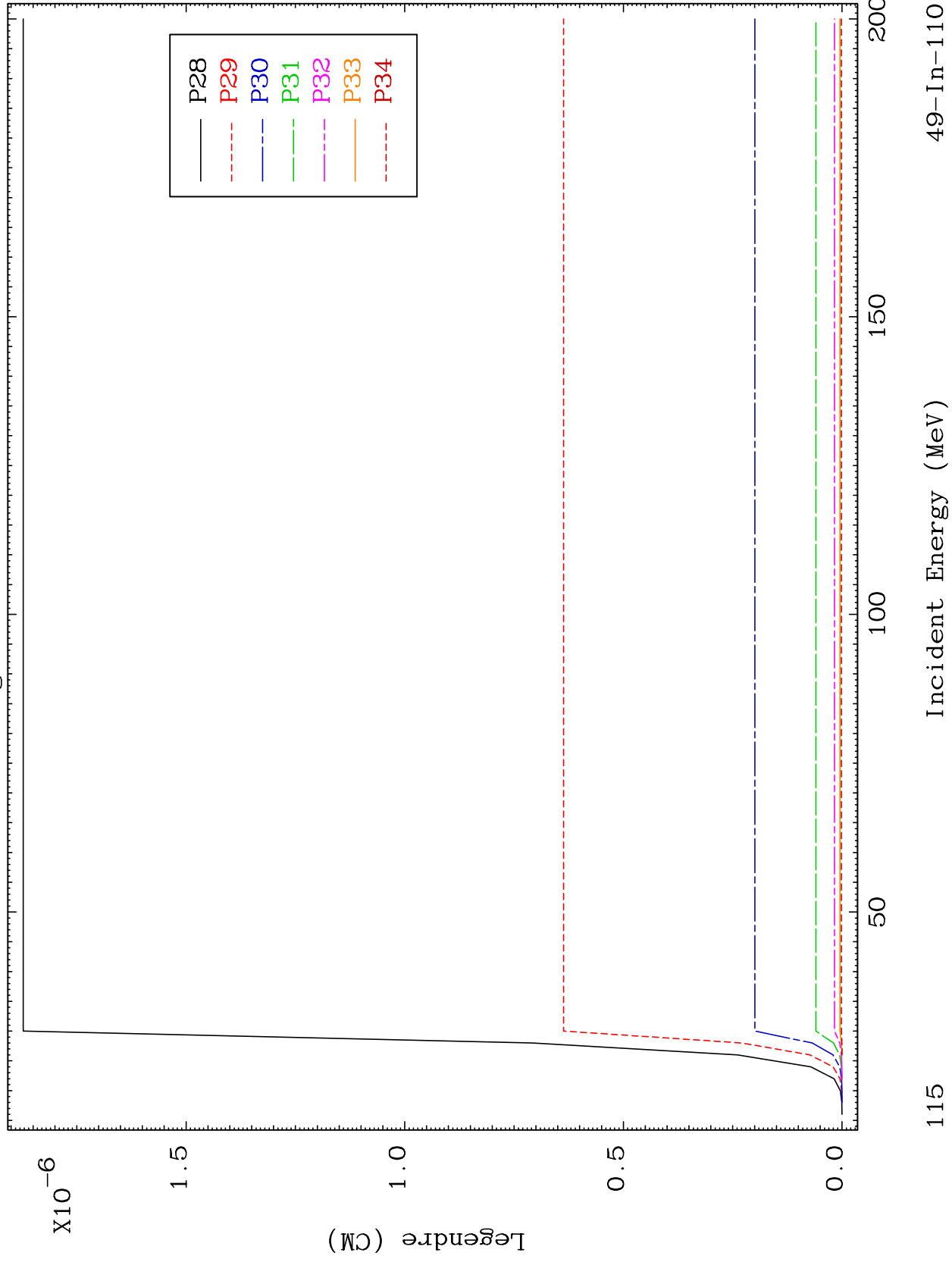
Incident Energy (MeV)

49-In-110

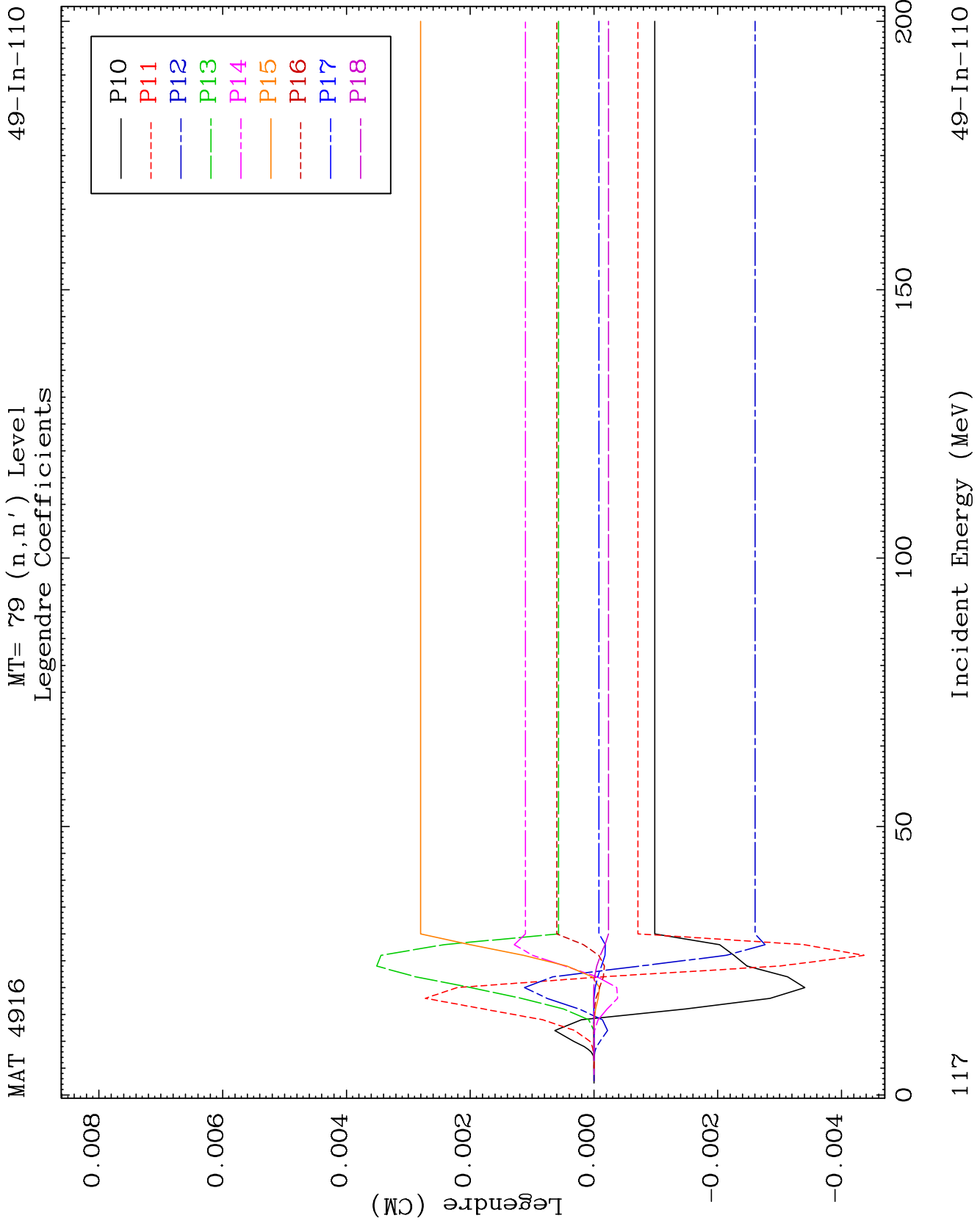
MAT 4916

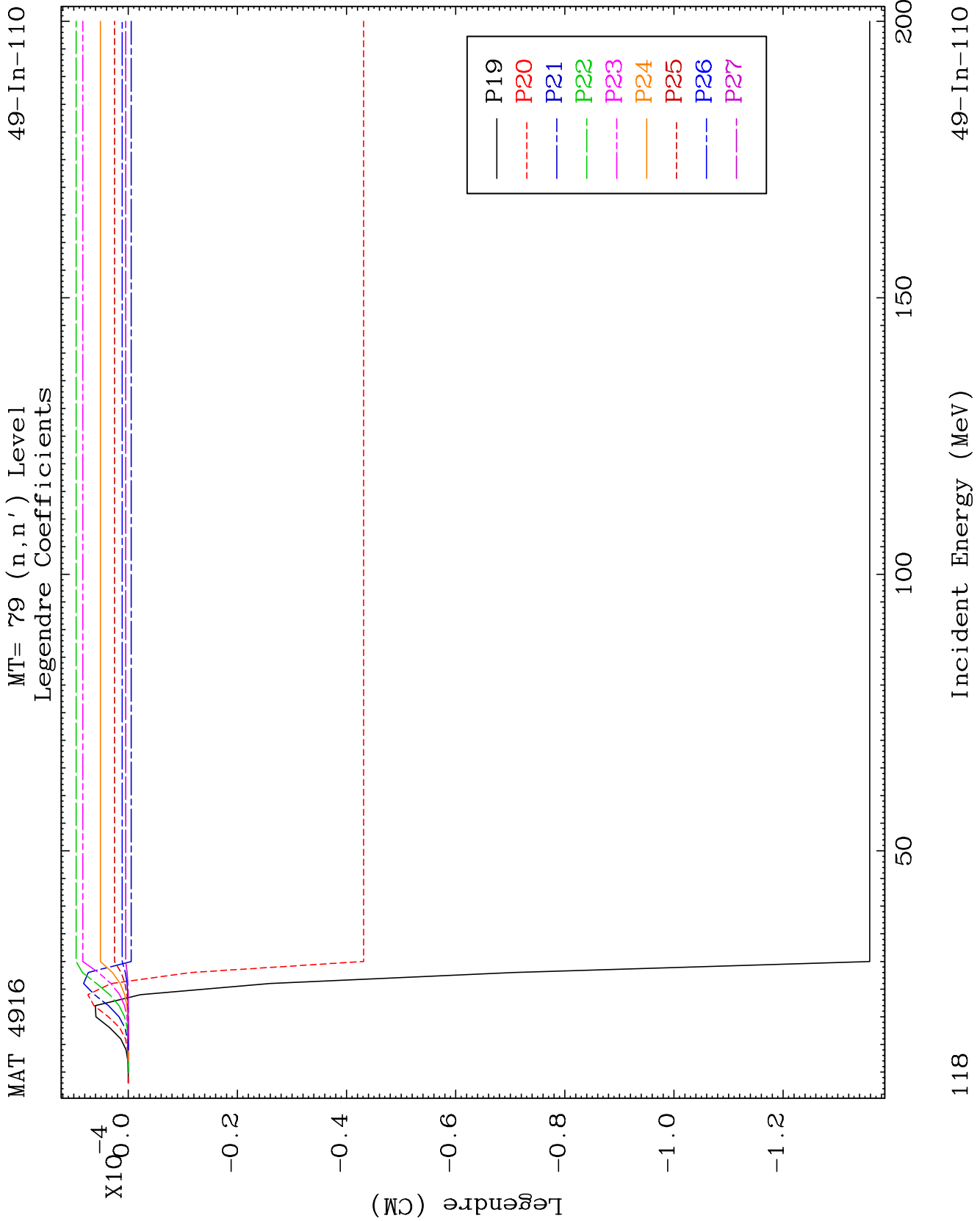
MT= 78 (n,n') Level  
Legendre Coefficients

49-In-110





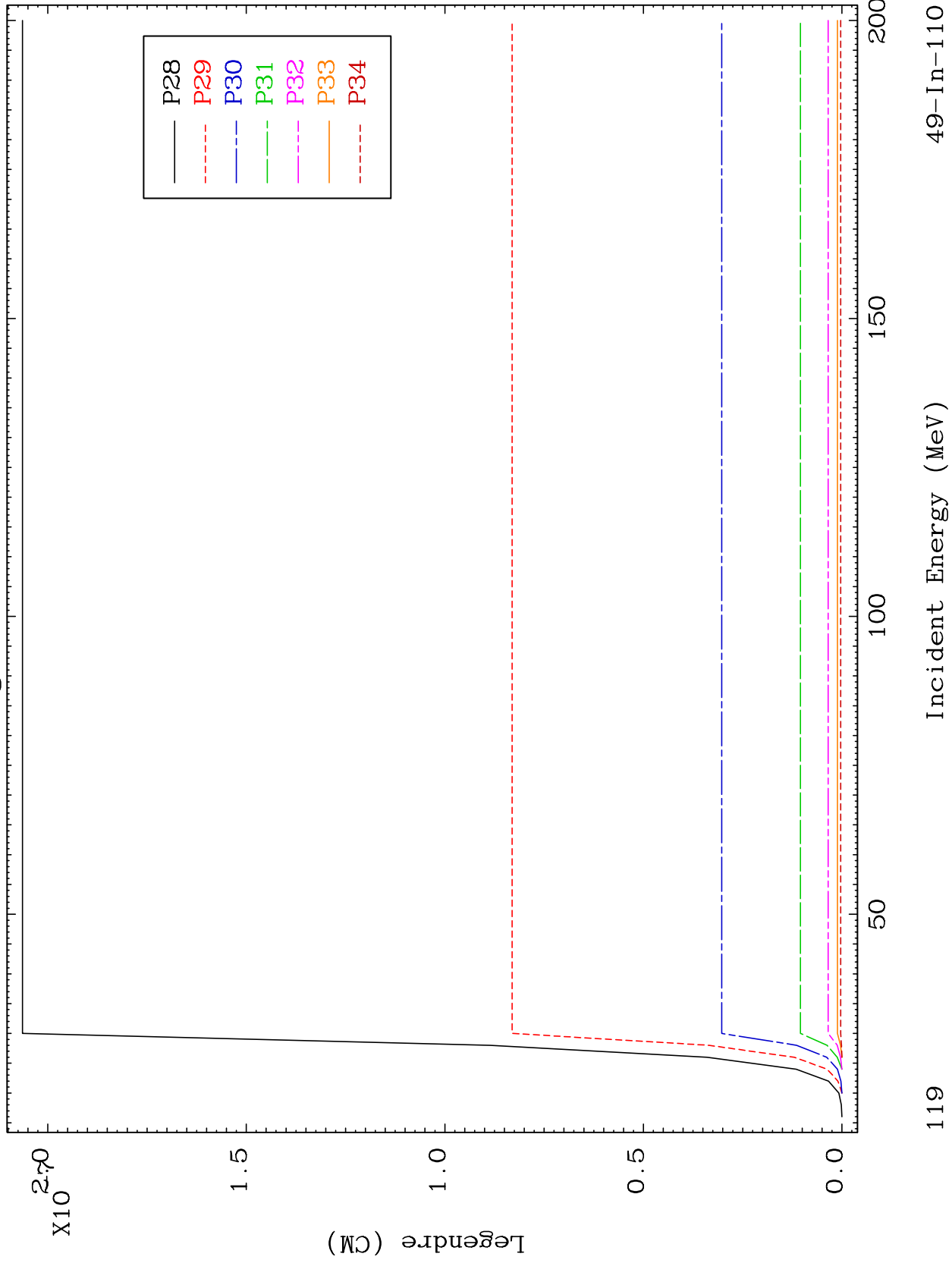




MAT 4916

MT= 79 (n,n') Level  
Legendre Coefficients

49-In-110



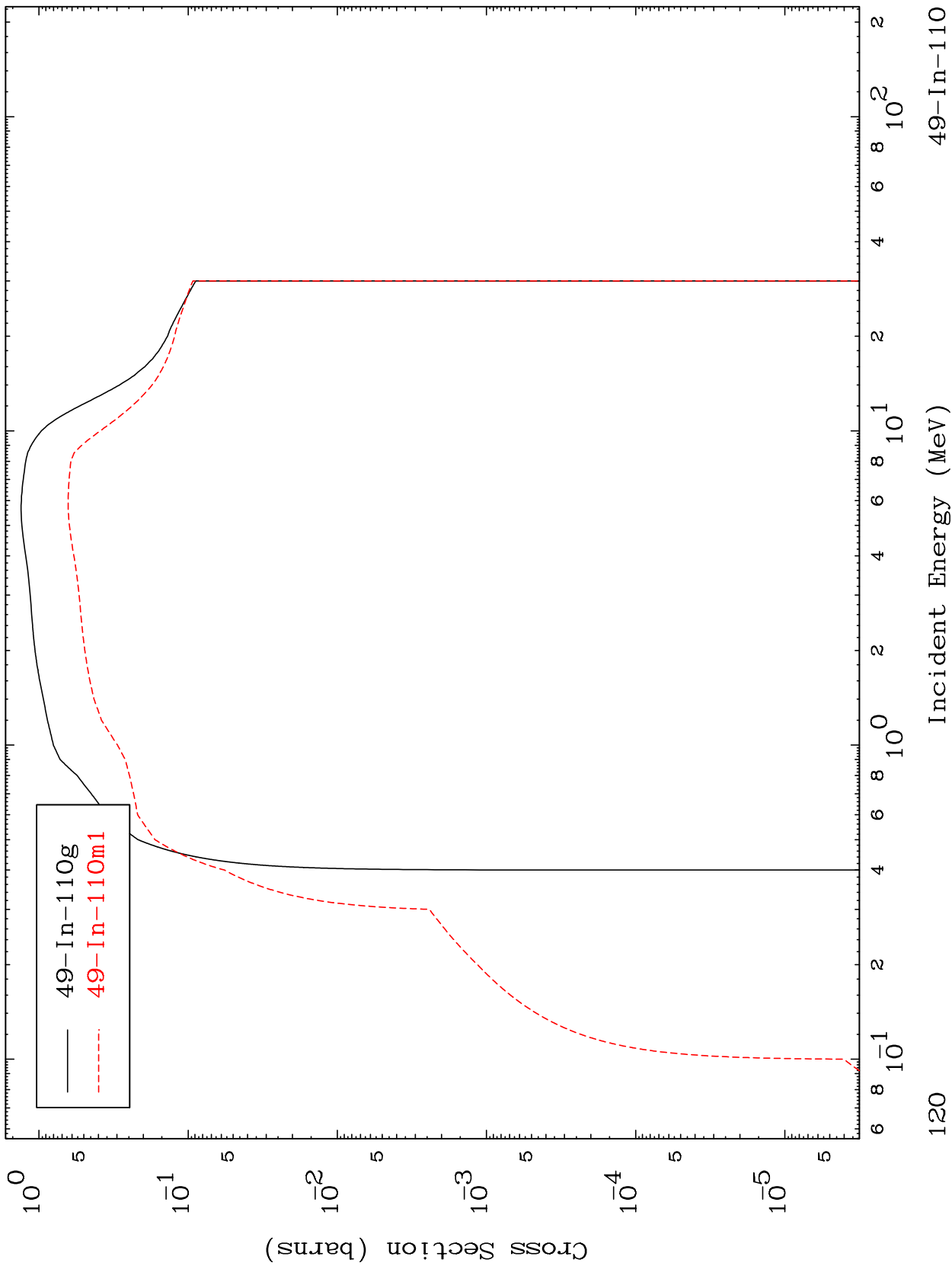
119



MAT 4916

49-In-110

Radionuclide Production Cross Section



49-In-110

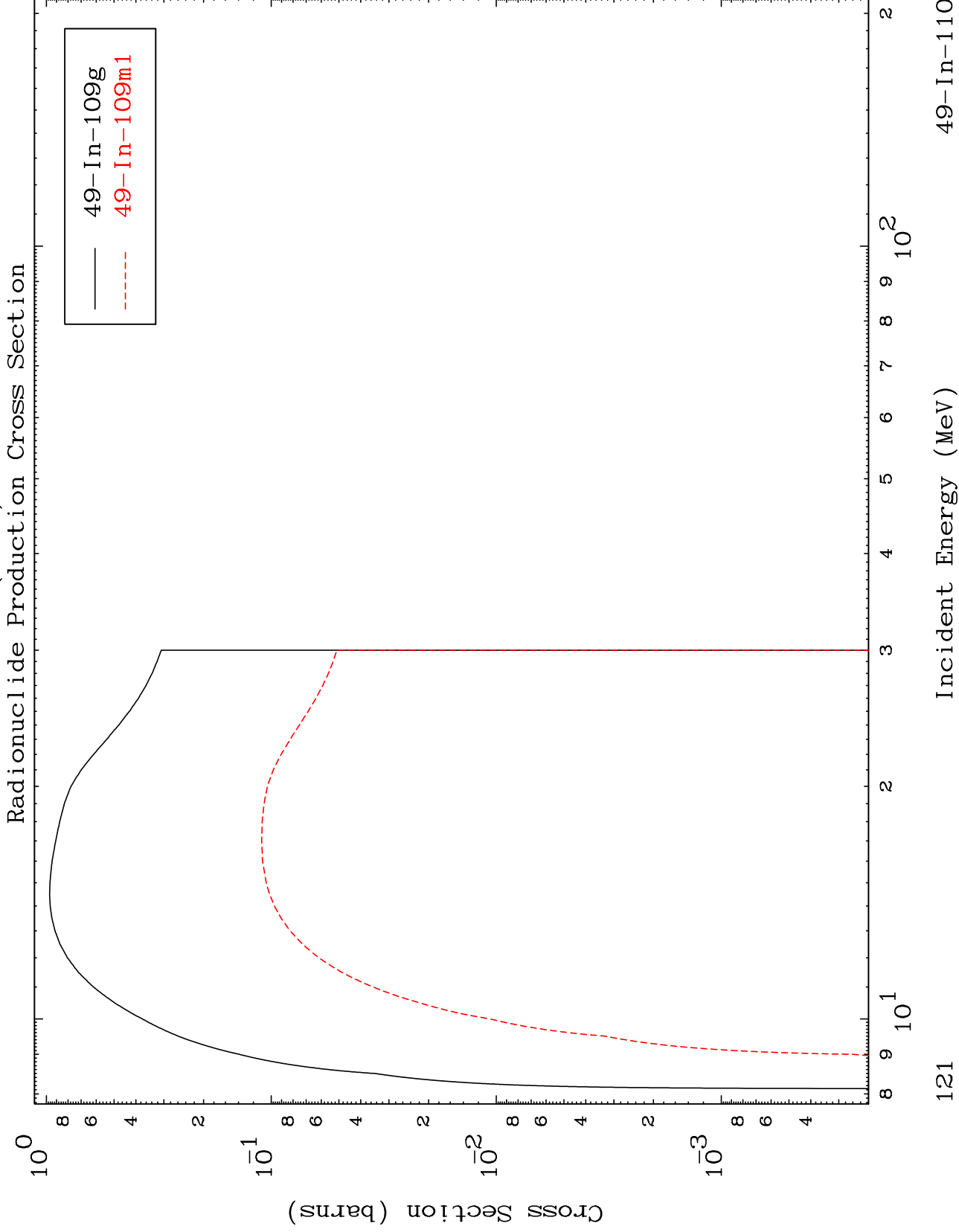
Incident Energy (MeV)

120

MAT 4916

(n,2n)

49-In-110



121

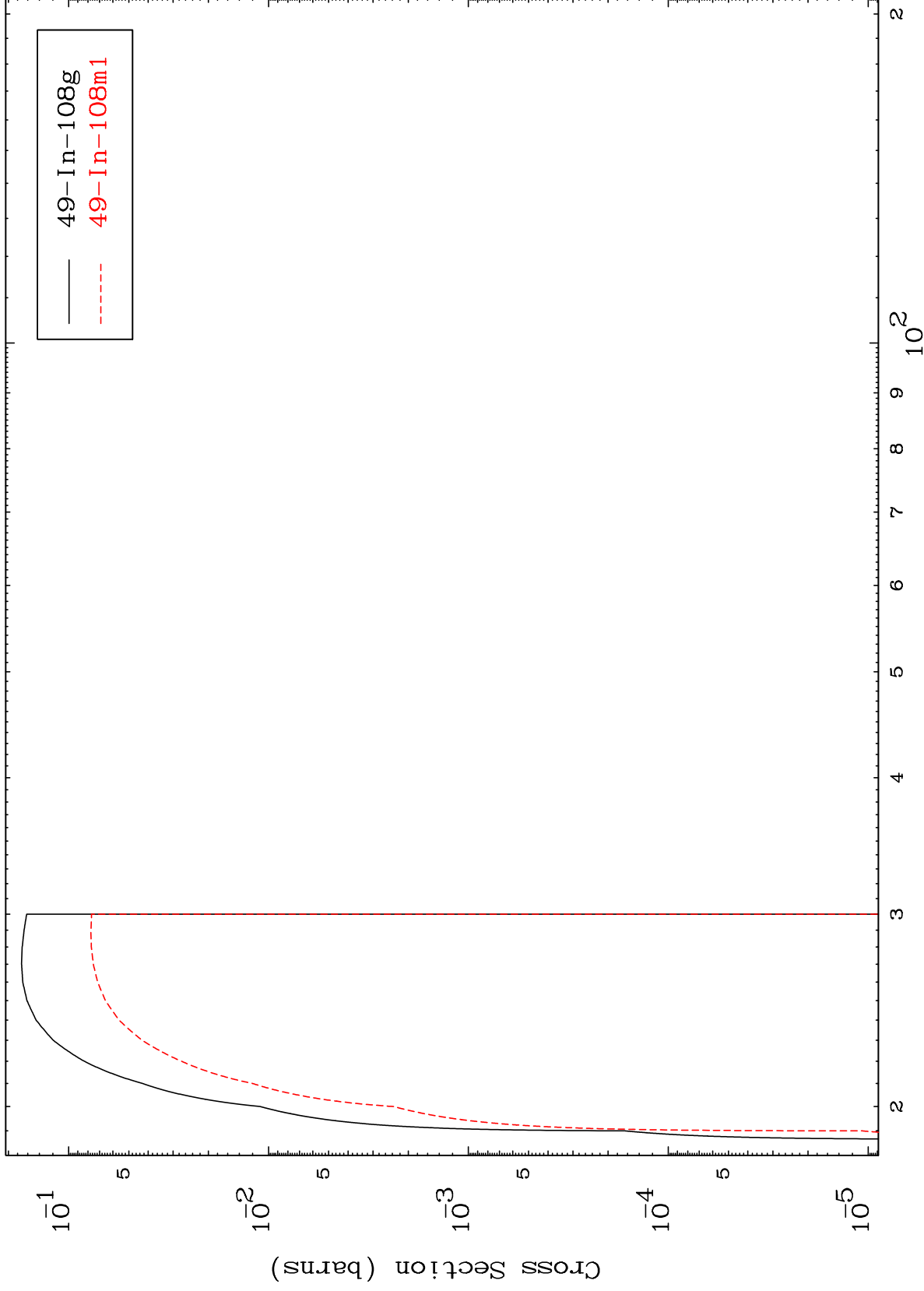
49-In-110

MAT 4916

(n,3n)

49-In-110

Radionuclide Production Cross Section



122

Incident Energy (MeV)

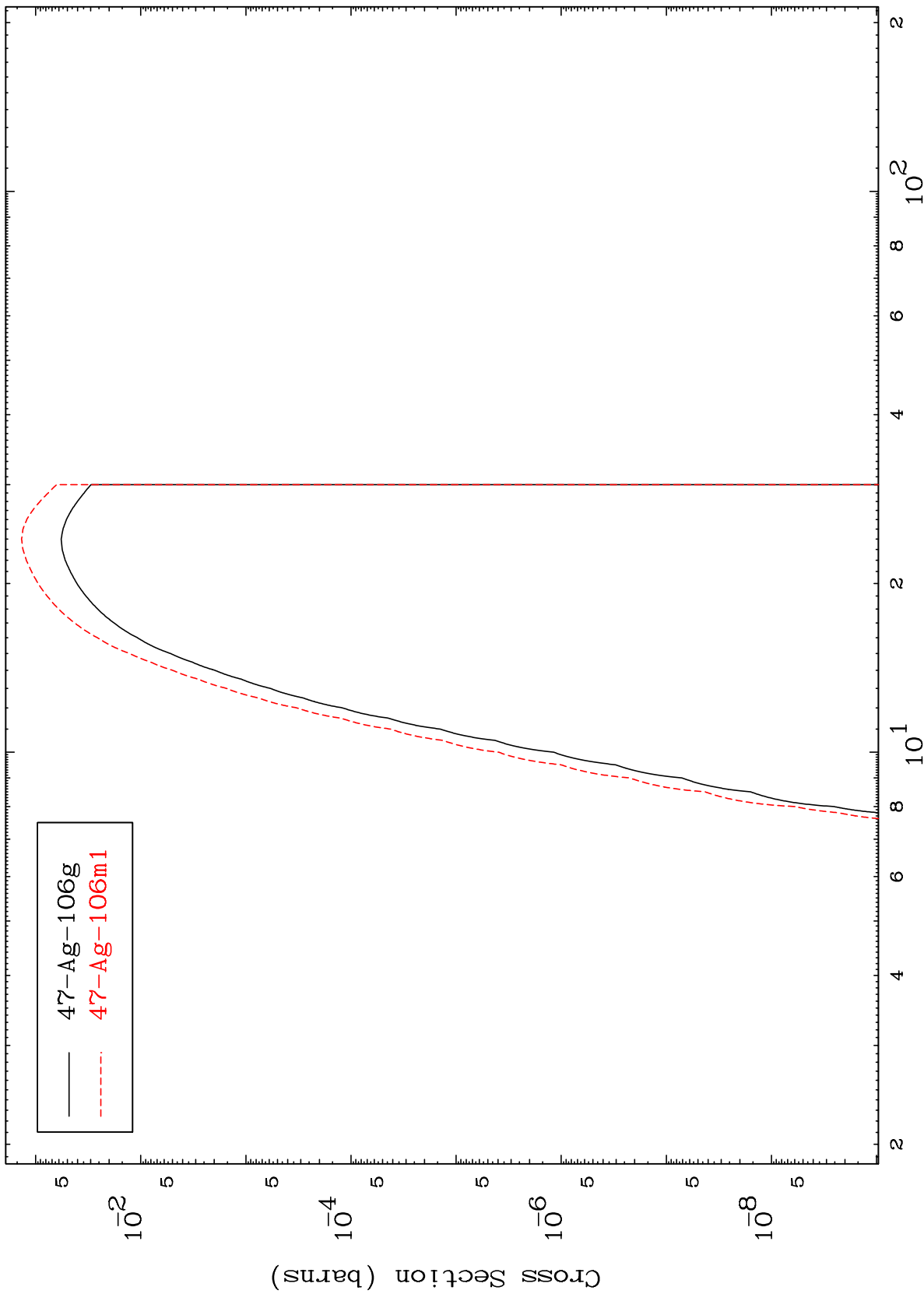
49-In-110

MAT 4916

49-In-110

(n,n')  $\alpha$

Radionuclide Production Cross Section



— 47-Ag-106g  
- - - 47-Ag-106m1

123

49-In-110

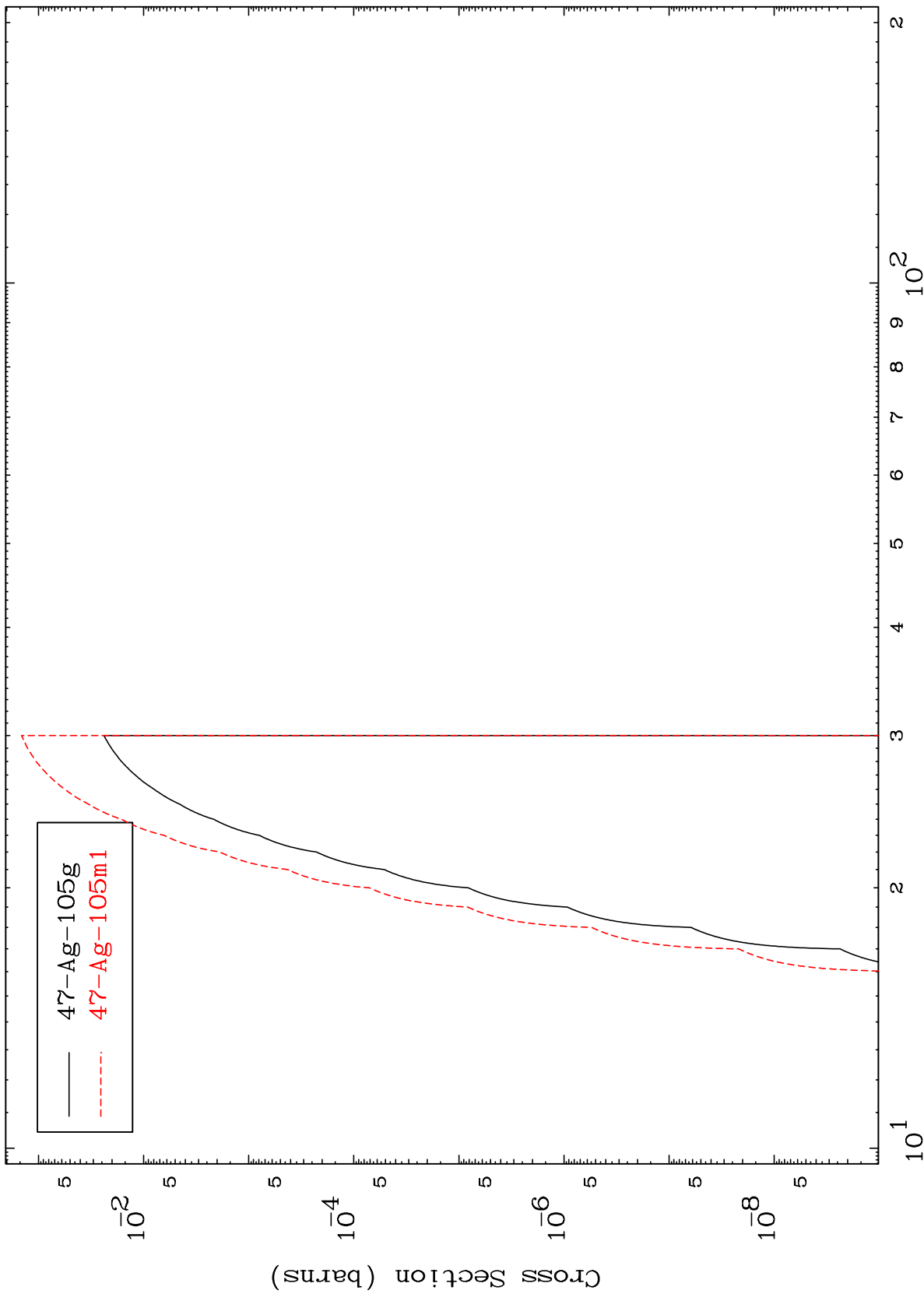
Incident Energy (MeV)

MAT 4916

(n,2n)  $\alpha$

49-In-110

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-110

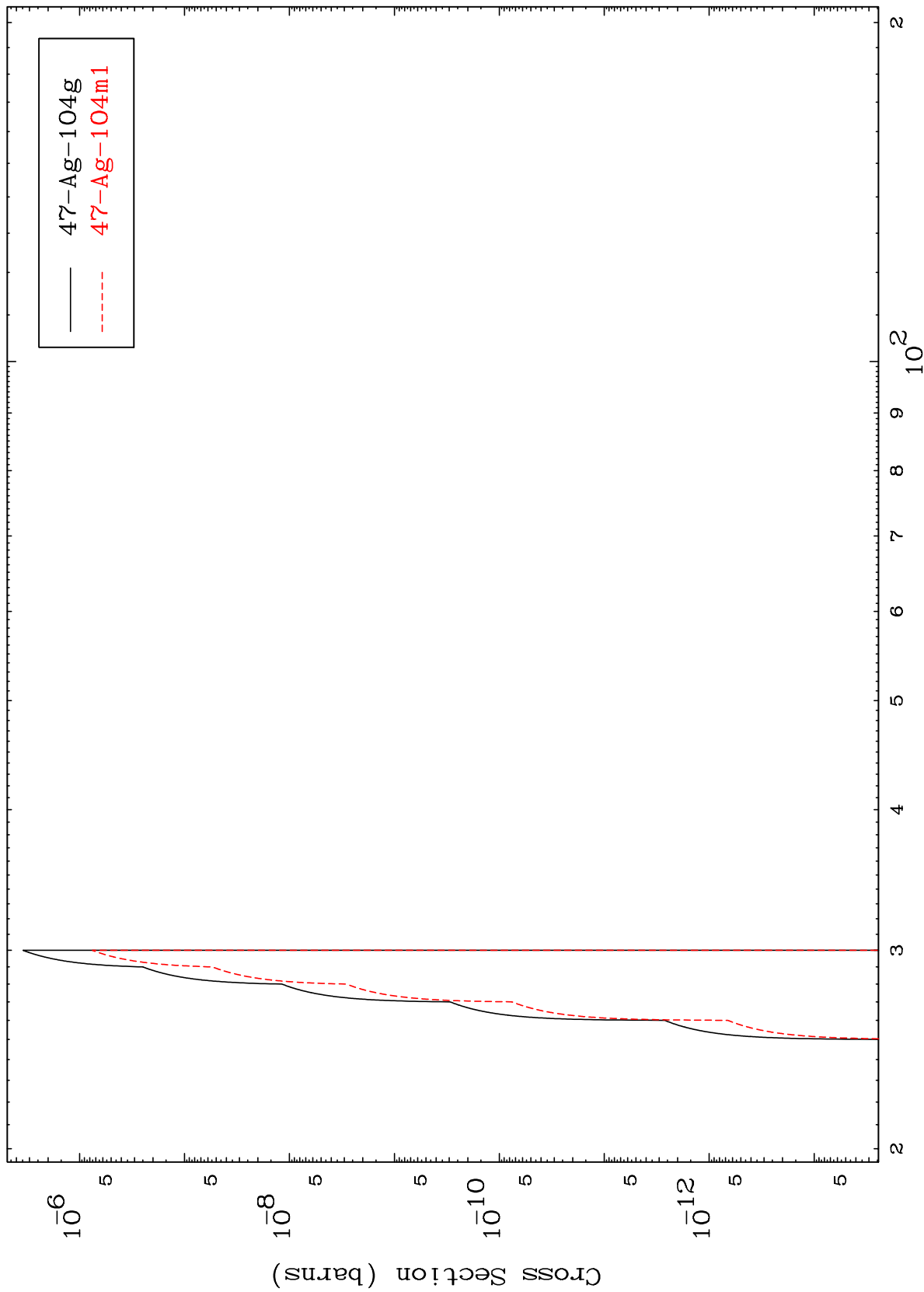
124

MAT 4916

(n,3n)  $\alpha$

49-In-110

Radionuclide Production Cross Section



125

Incident Energy (MeV)

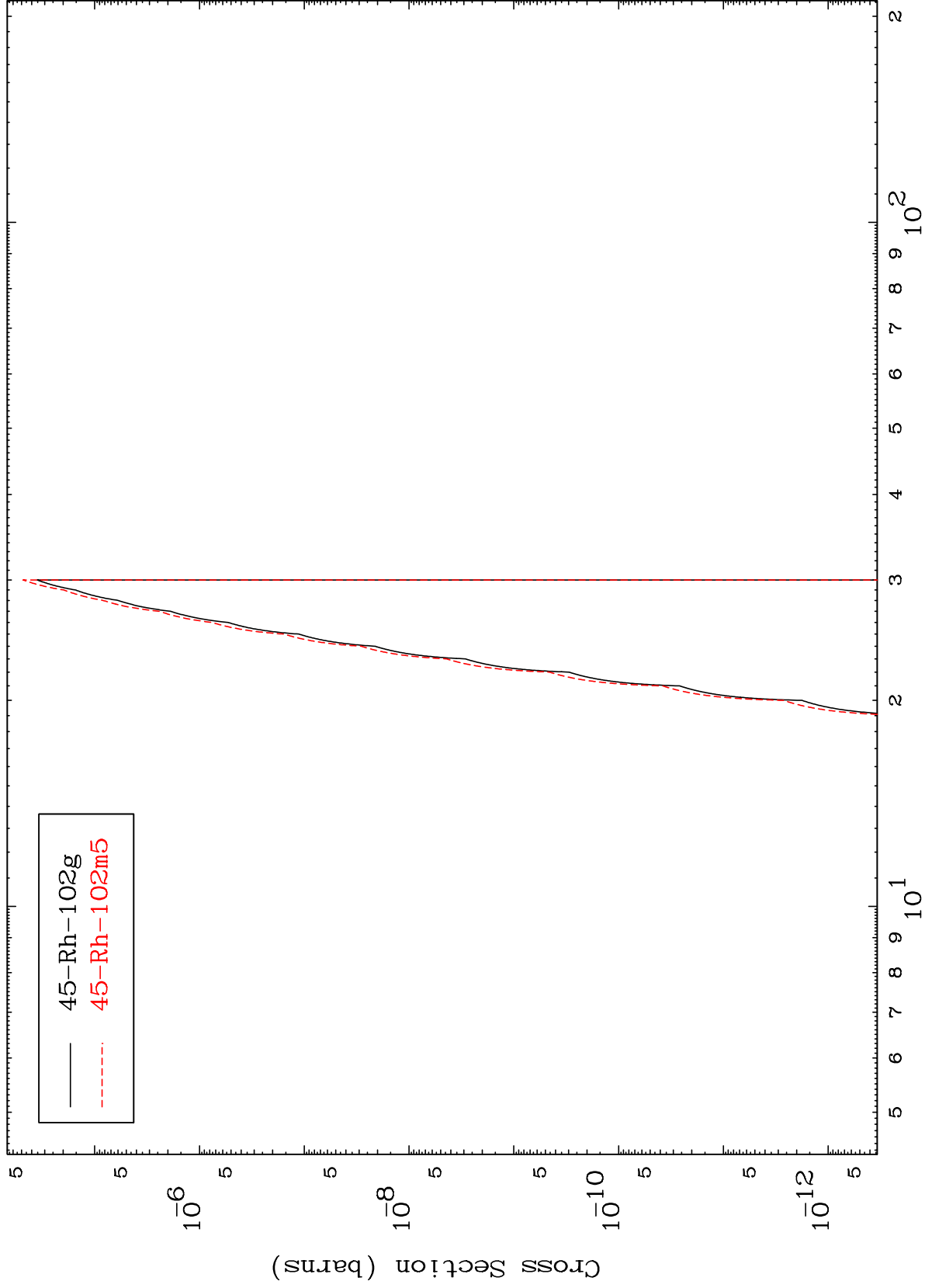
49-In-110

MAT 4916

(n,n') 2 $\alpha$

49-In-110

Radionuclide Production Cross Section



126

Incident Energy (MeV)

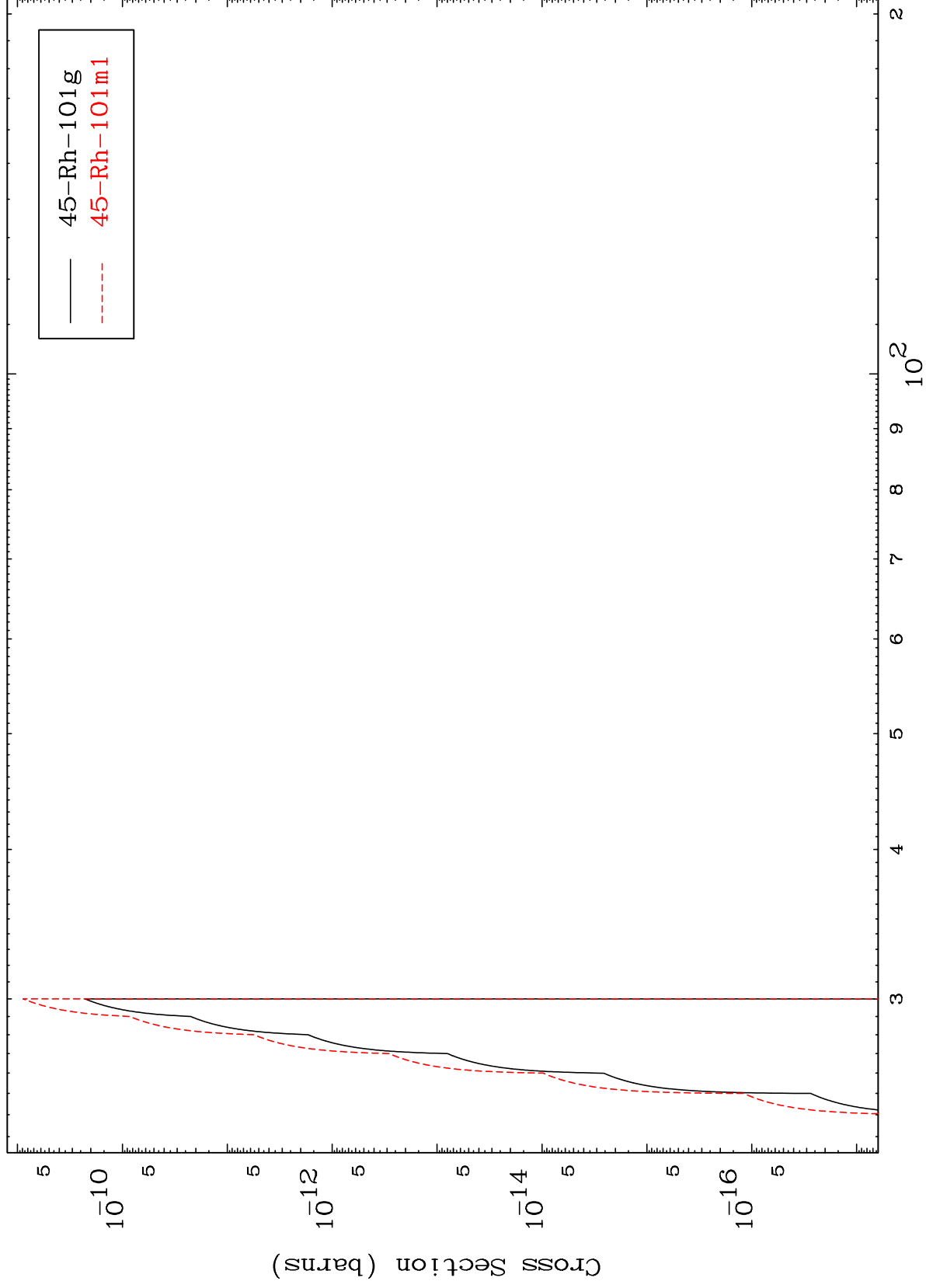
49-In-110

MAT 4916

(n,2n) 2α

49-In-110

Radionuclide Production Cross Section



127

Incident Energy (MeV)

49-In-110

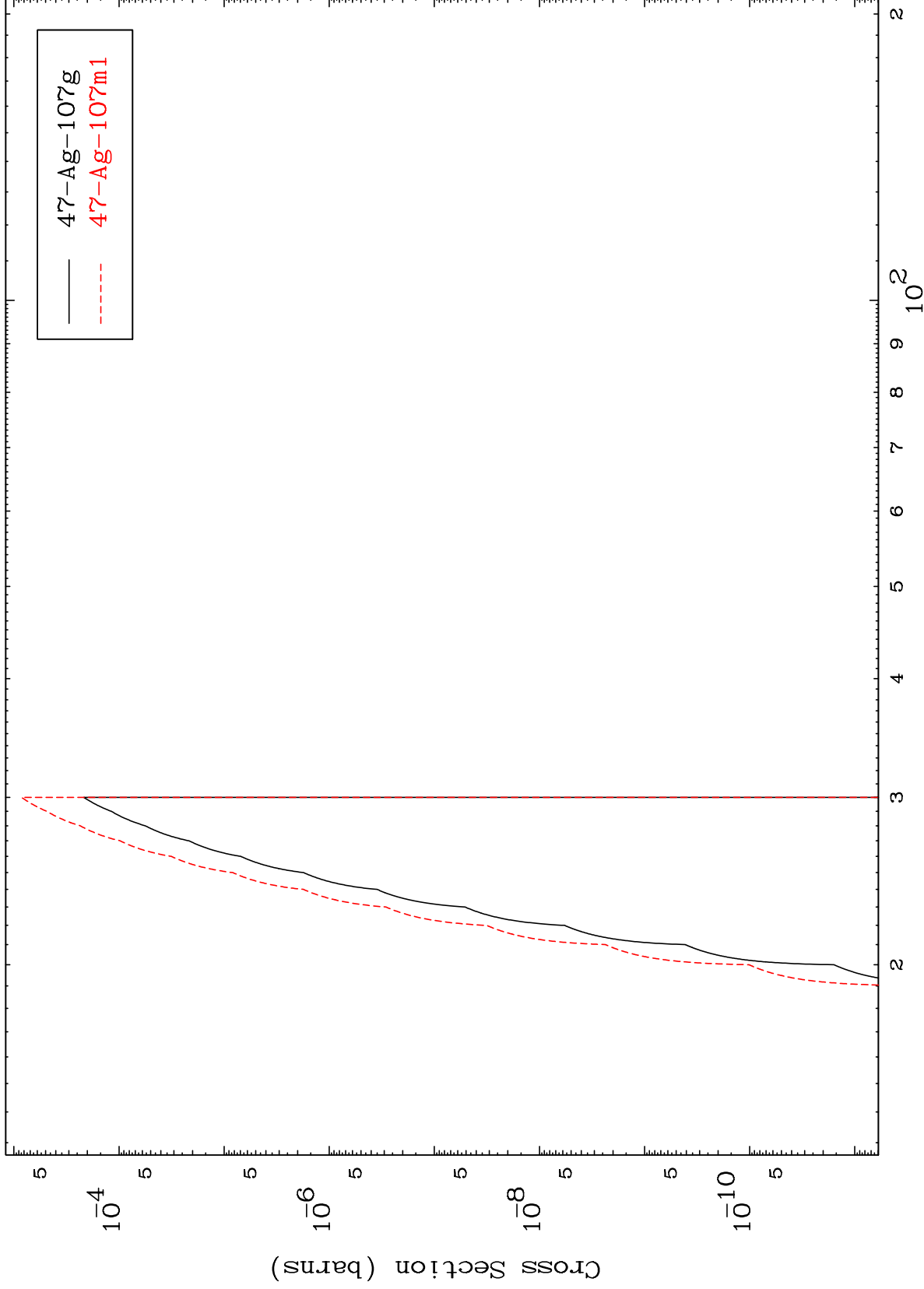


MAT 4916

(n,n') He-3

49-In-110

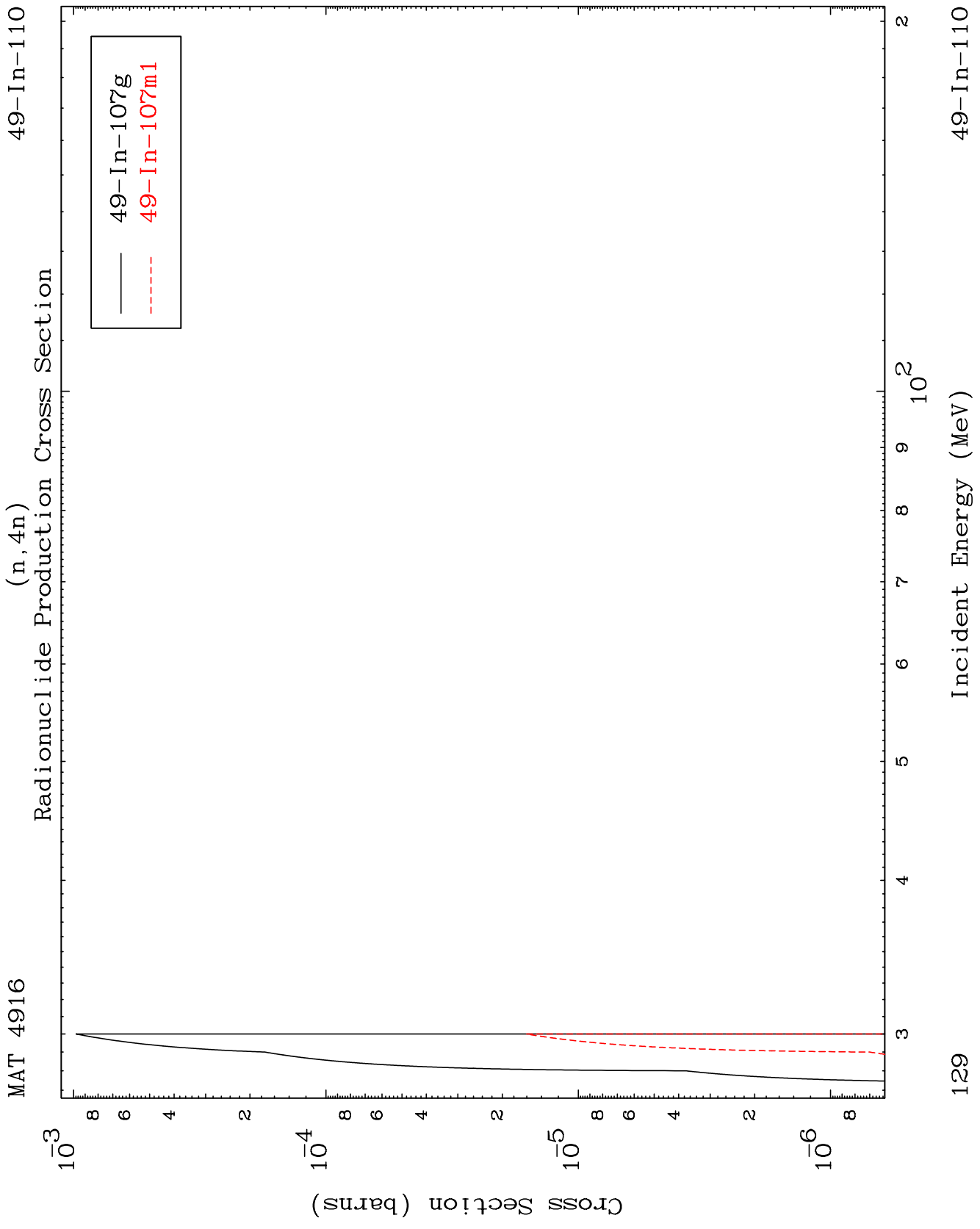
Radionuclide Production Cross Section



128

Incident Energy (MeV)

49-In-110

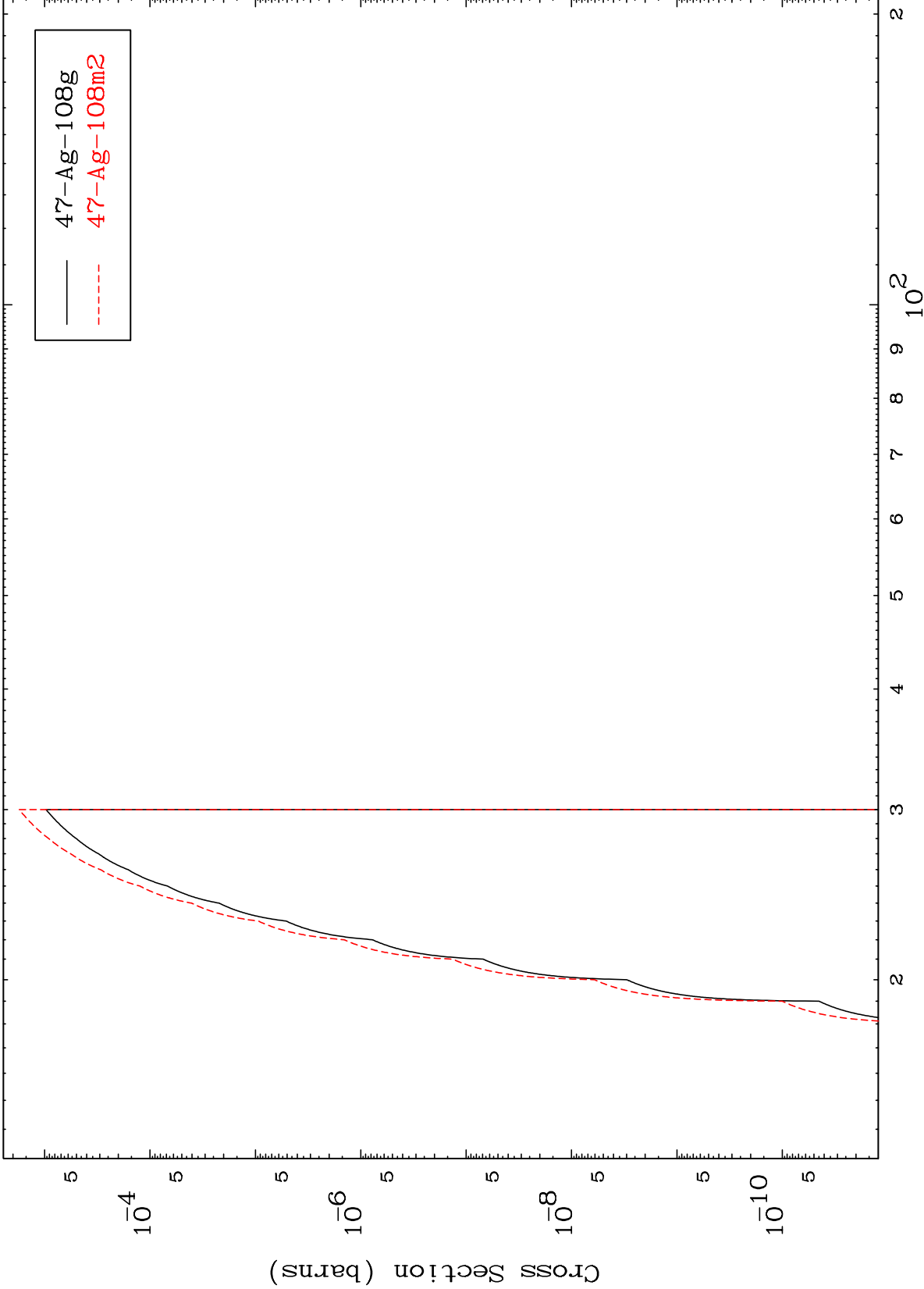


MAT 4916

(n,2n) p

49-In-110

Radionuclide Production Cross Section



47-Ag-108g  
47-Ag-108m2

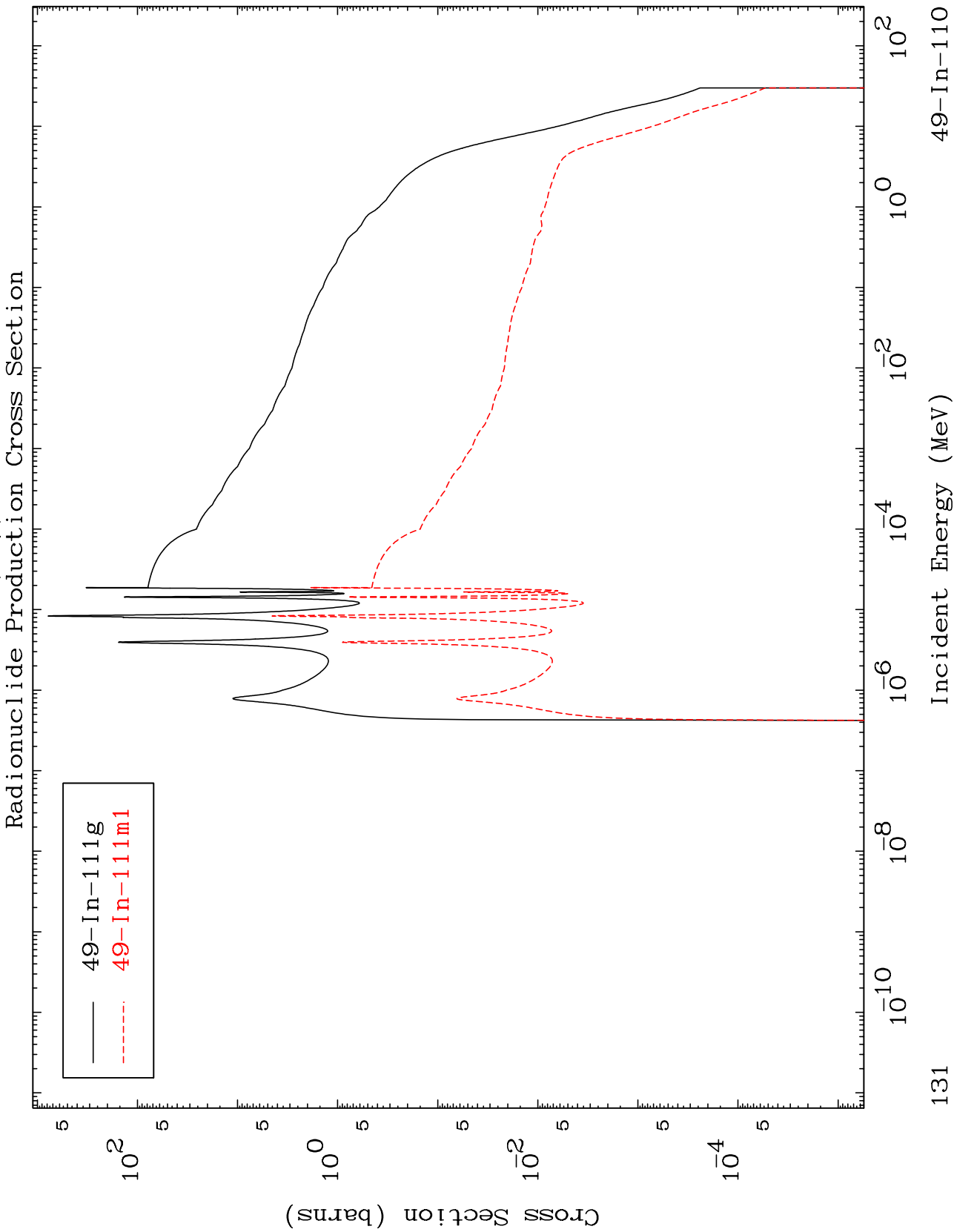
130

Incident Energy (MeV)

49-In-110

MAT 4916

49-In-110

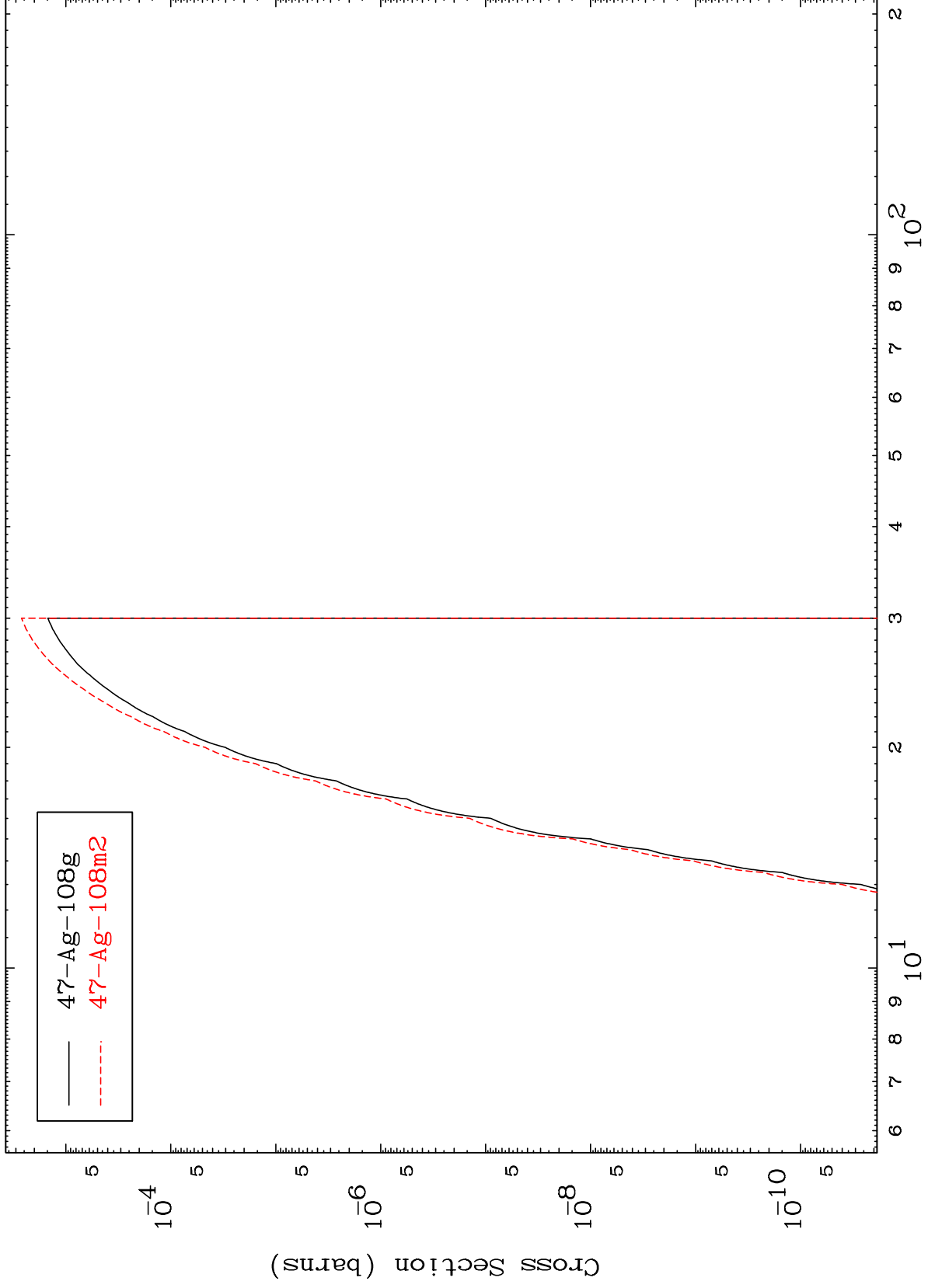


MAT 4916

(n,He-3)

49-In-110

Radionuclide Production Cross Section



132

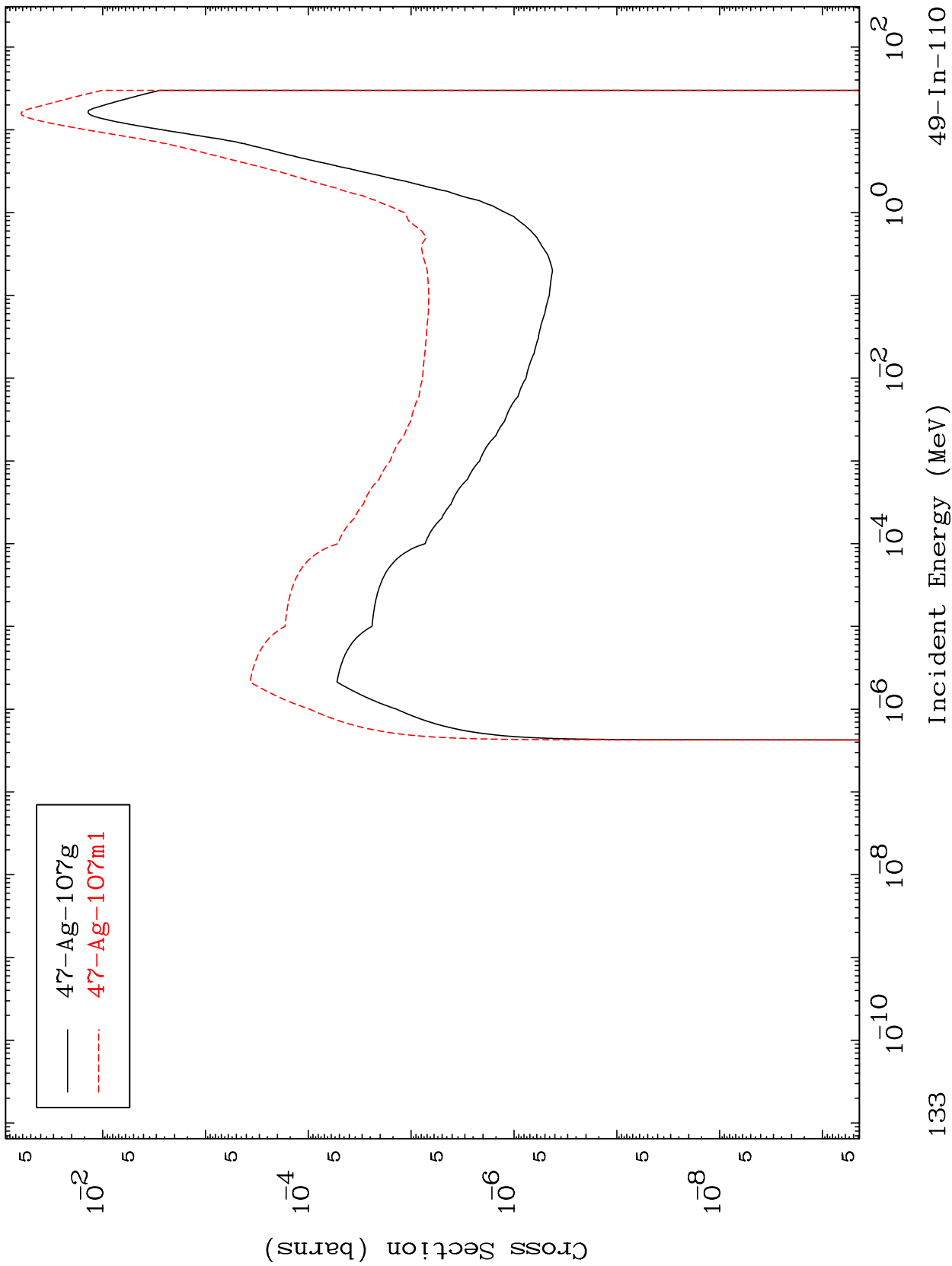
Incident Energy (MeV)

49-In-110

MAT 4916

49-In-110

Radionuclide Production Cross Section

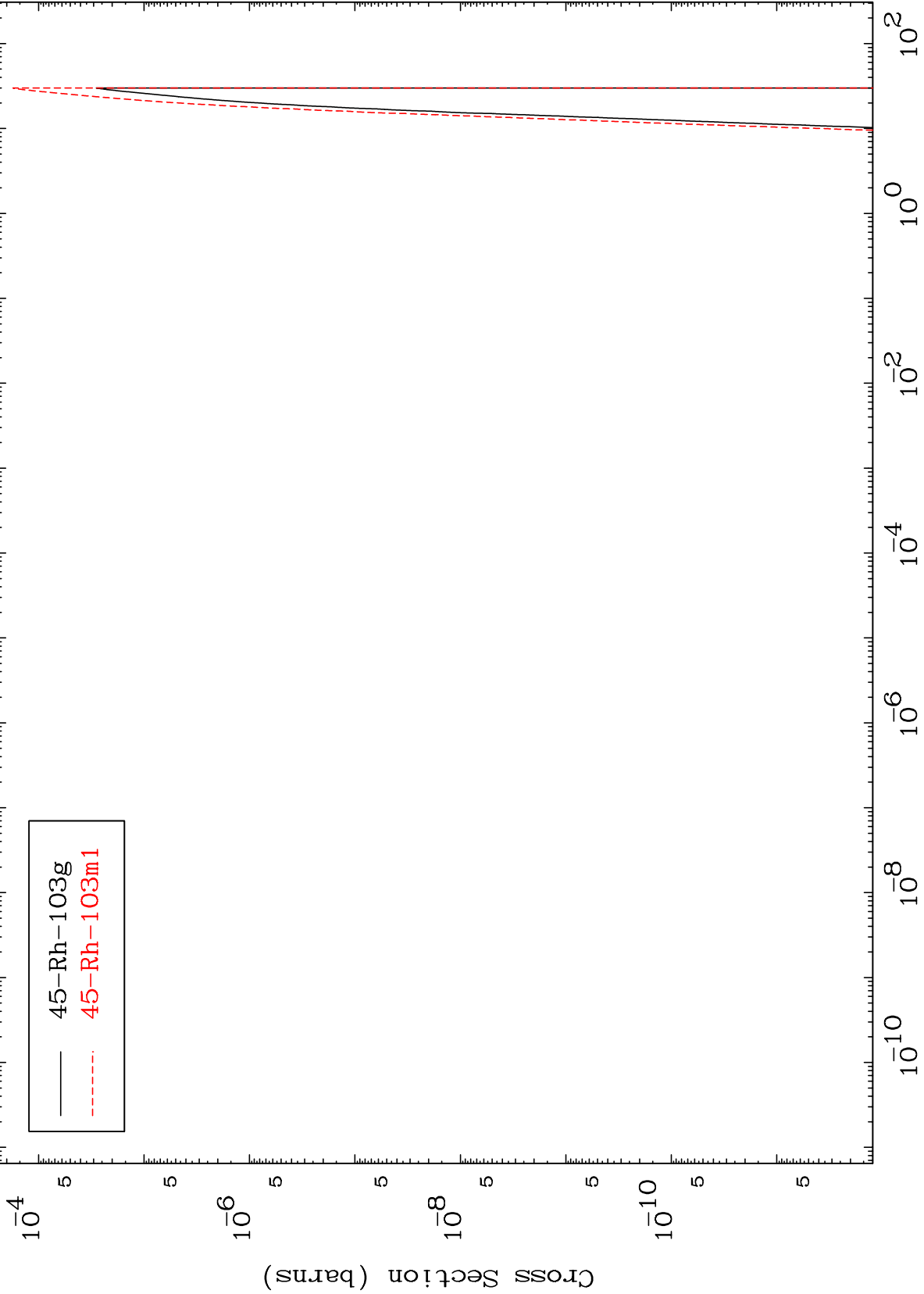


MAT 4916

(n,2α)

49-In-110

Radionuclide Production Cross Section

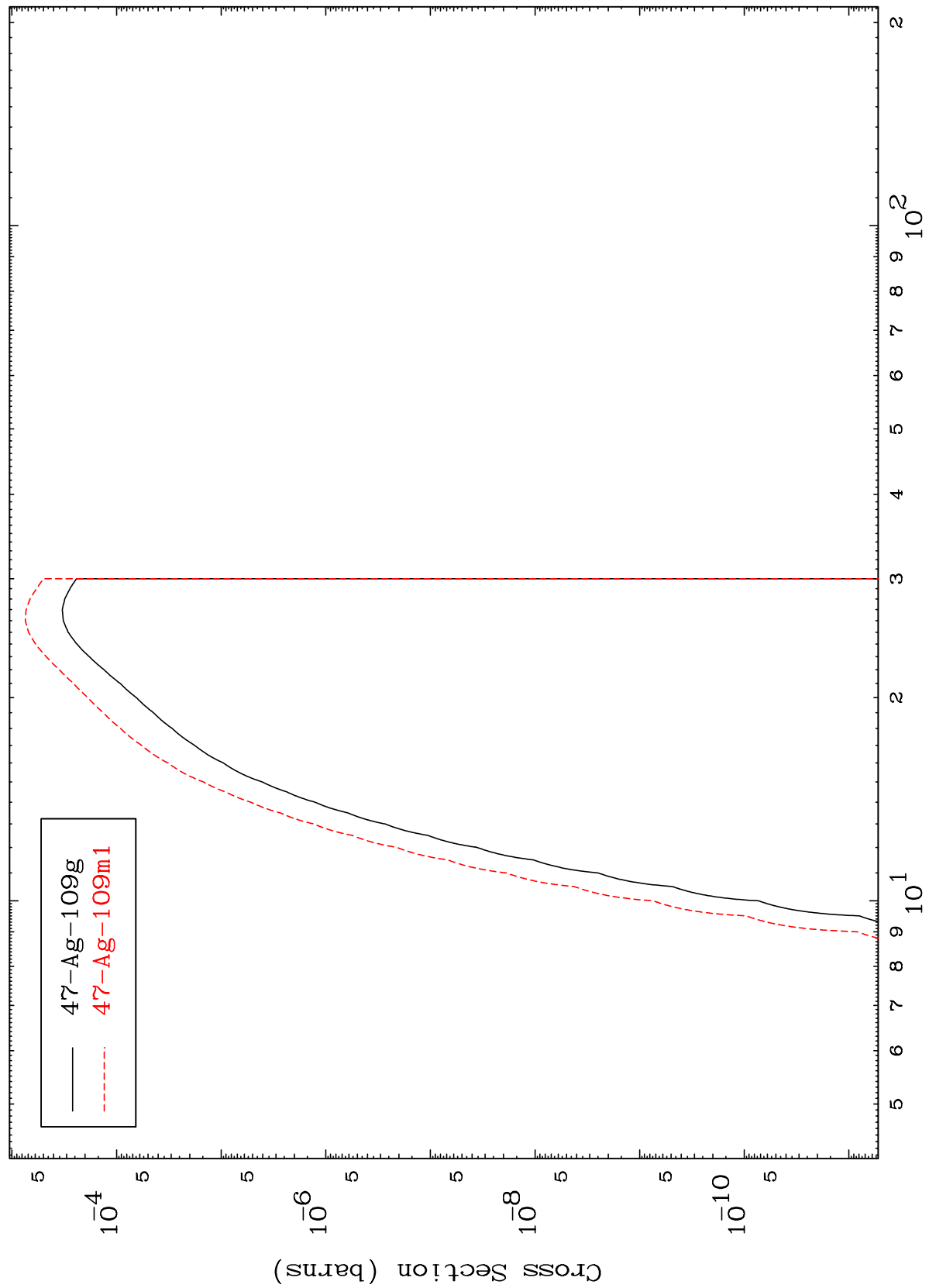


45-Rh-103g  
45-Rh-103m1

MAT 4916

49-In-110

Radionuclide Production Cross Section (n,2p)



135

Incident Energy (MeV)

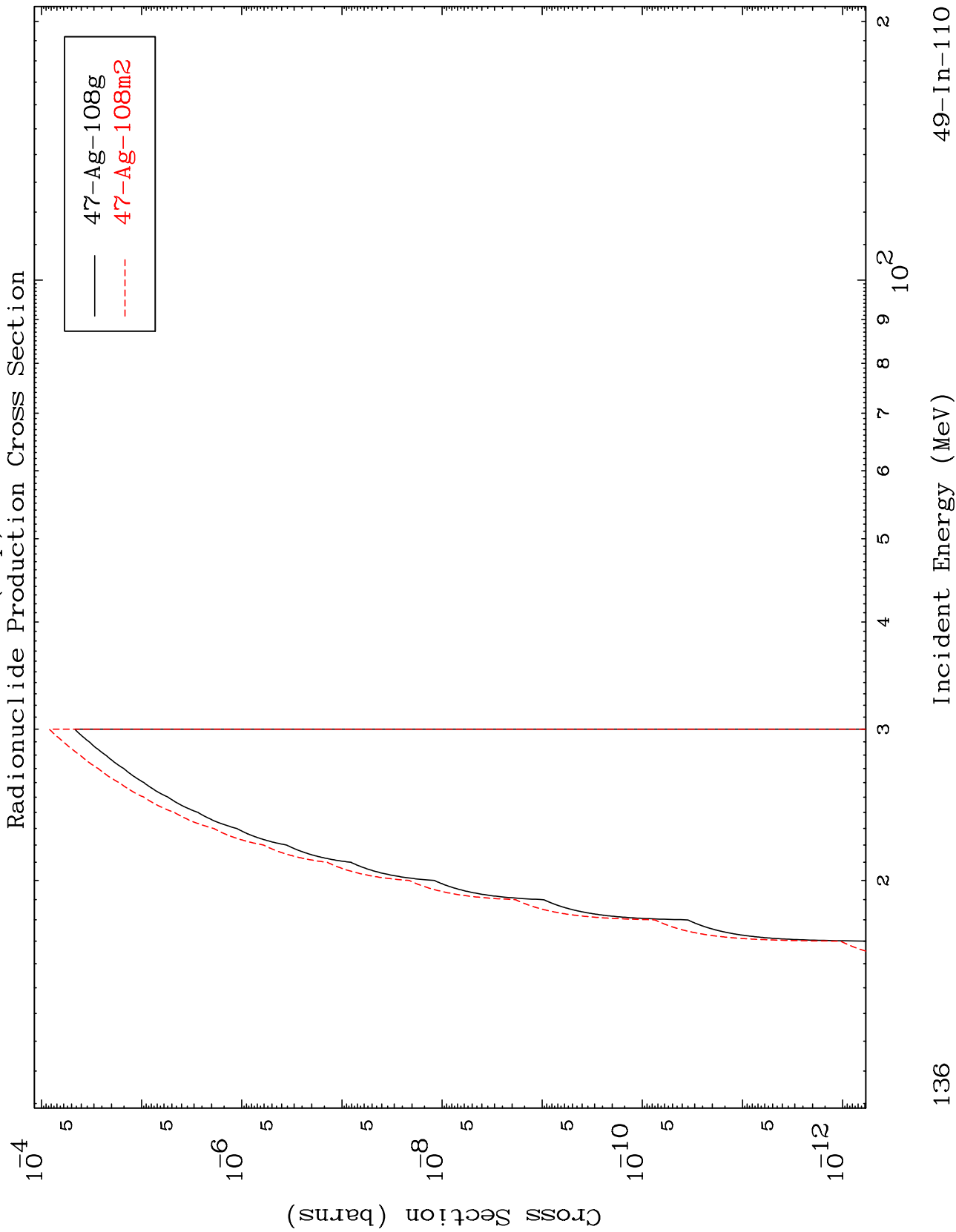
49-In-110



MAT 4916

(n,p) d

49-In-110



136

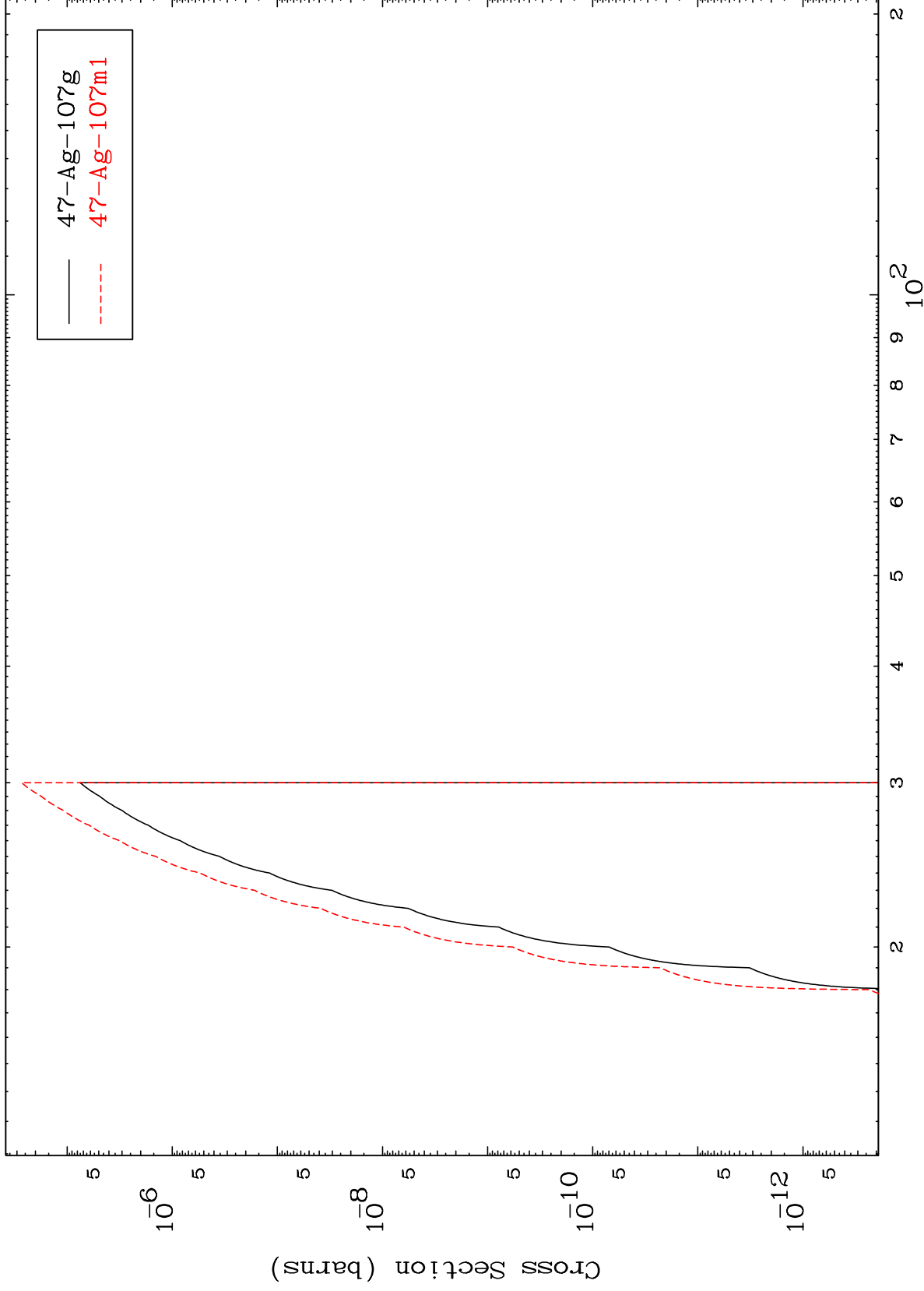
49-In-110

MAT 4916

(n,p) t

49-In-110

Radionuclide Production Cross Section



137

Incident Energy (MeV)

49-In-110