

Program EVALPLOT  
(Version 2018-1)

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

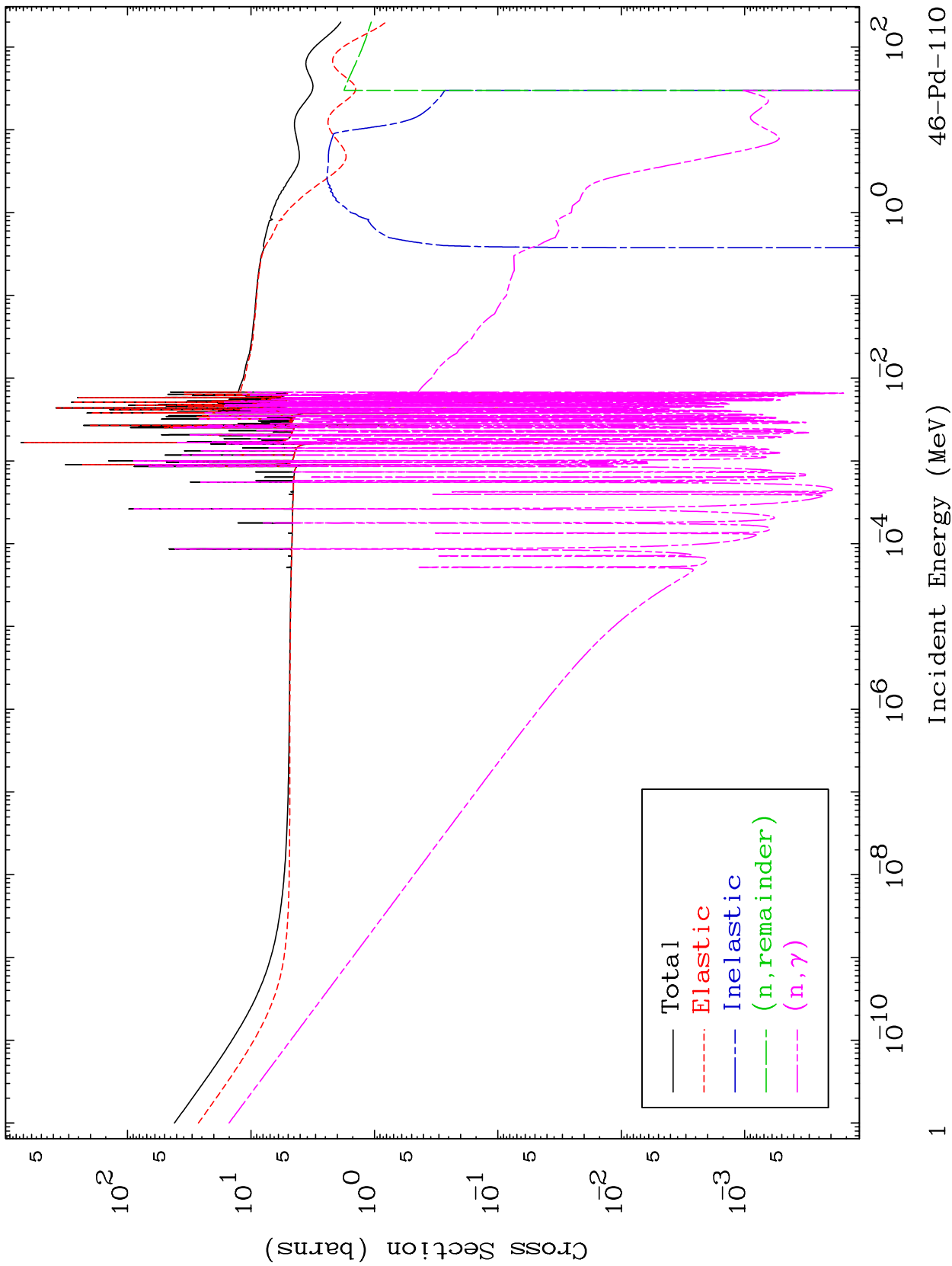
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4649

Major  
293 Kelvin Cross Sections

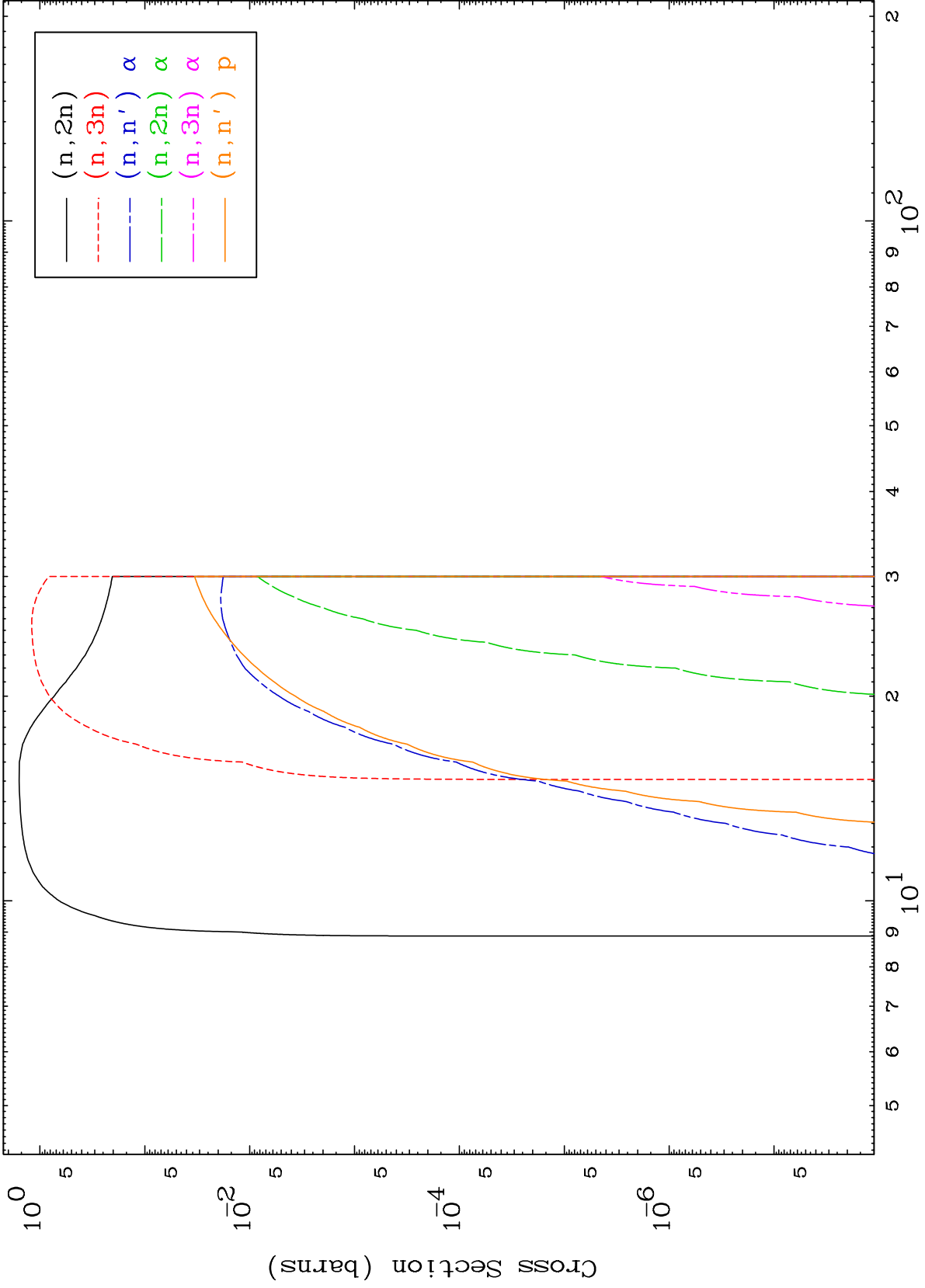
46-Pd-110



MAT 4649

Neutron Production  
293 Kelvin Cross Sections

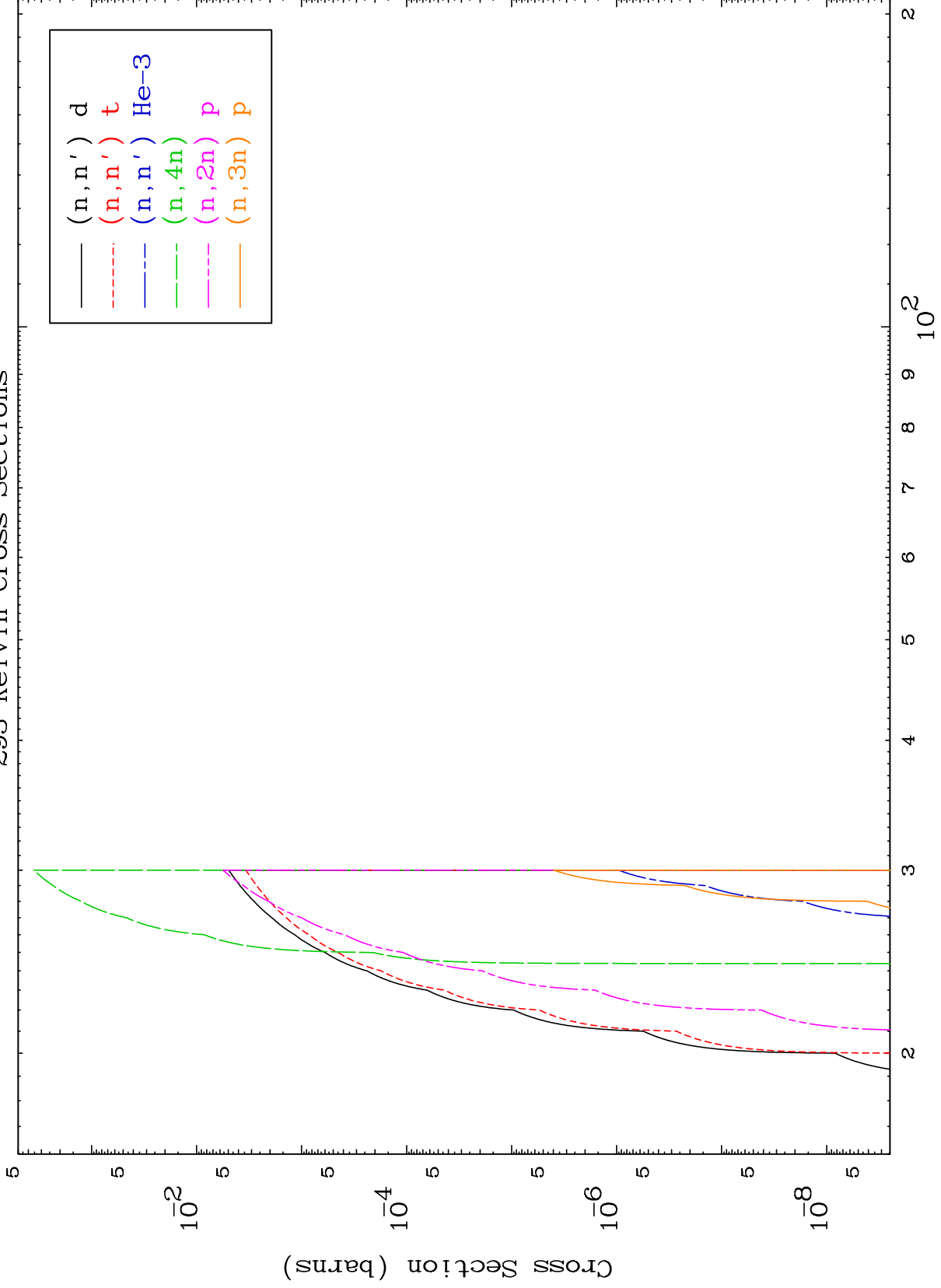
46-Pd-110



MAT 4649

Neutron Production  
293 Kelvin Cross Sections

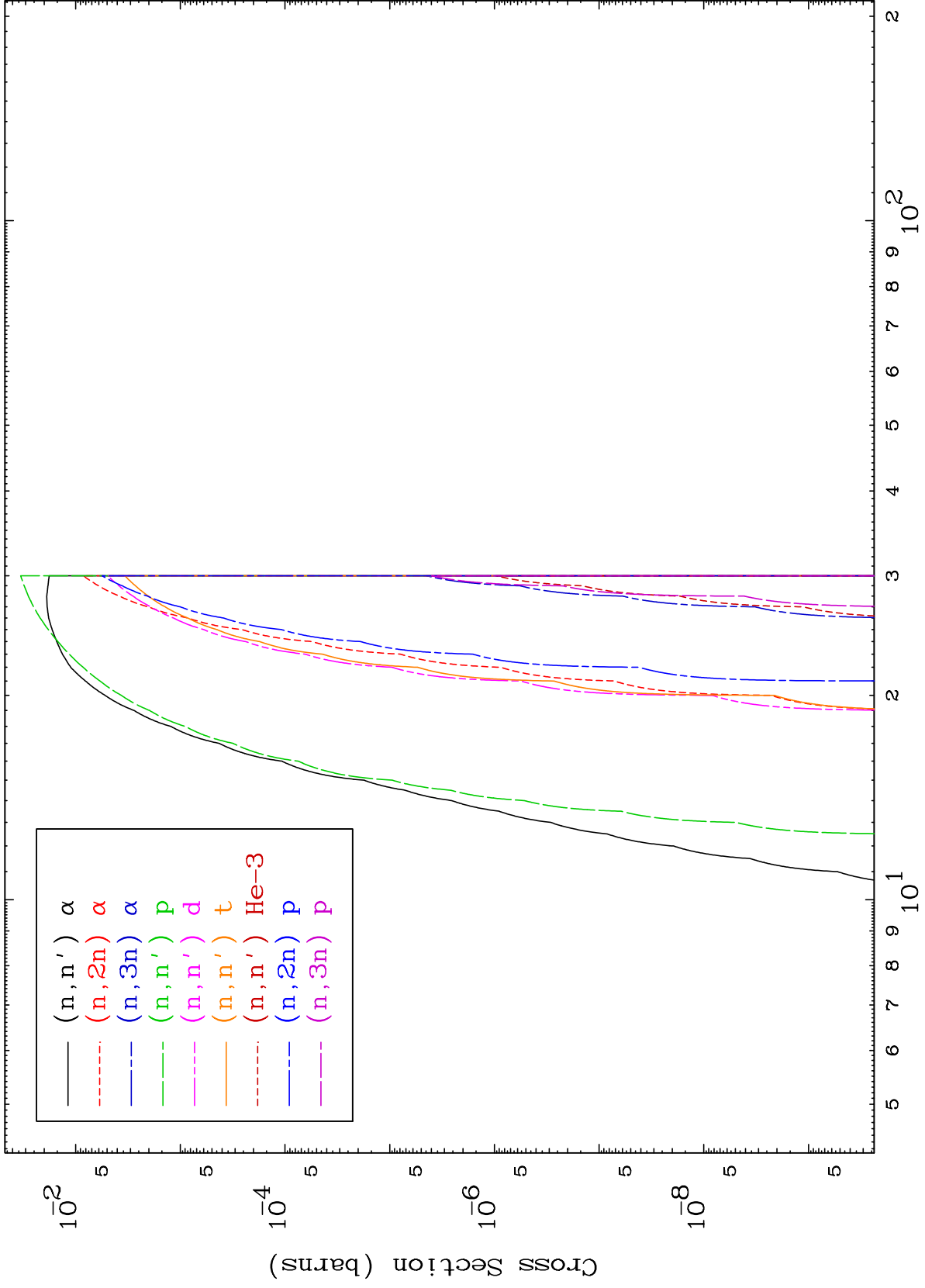
46-Pd-110



3

Incident Energy (MeV)

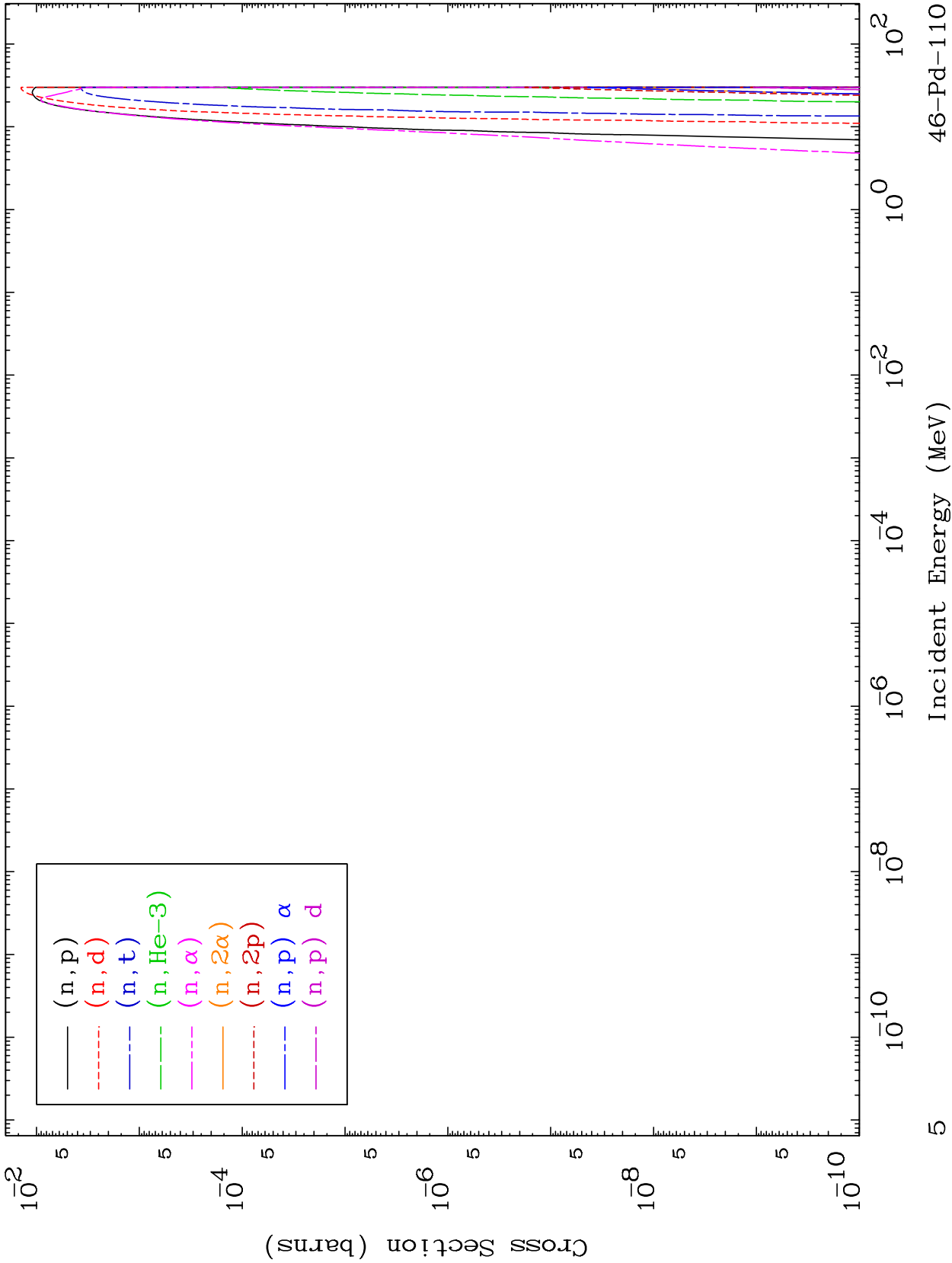
46-Pd-110



MAT 4649

Charged Particle  
293 Kelvin Cross Sections

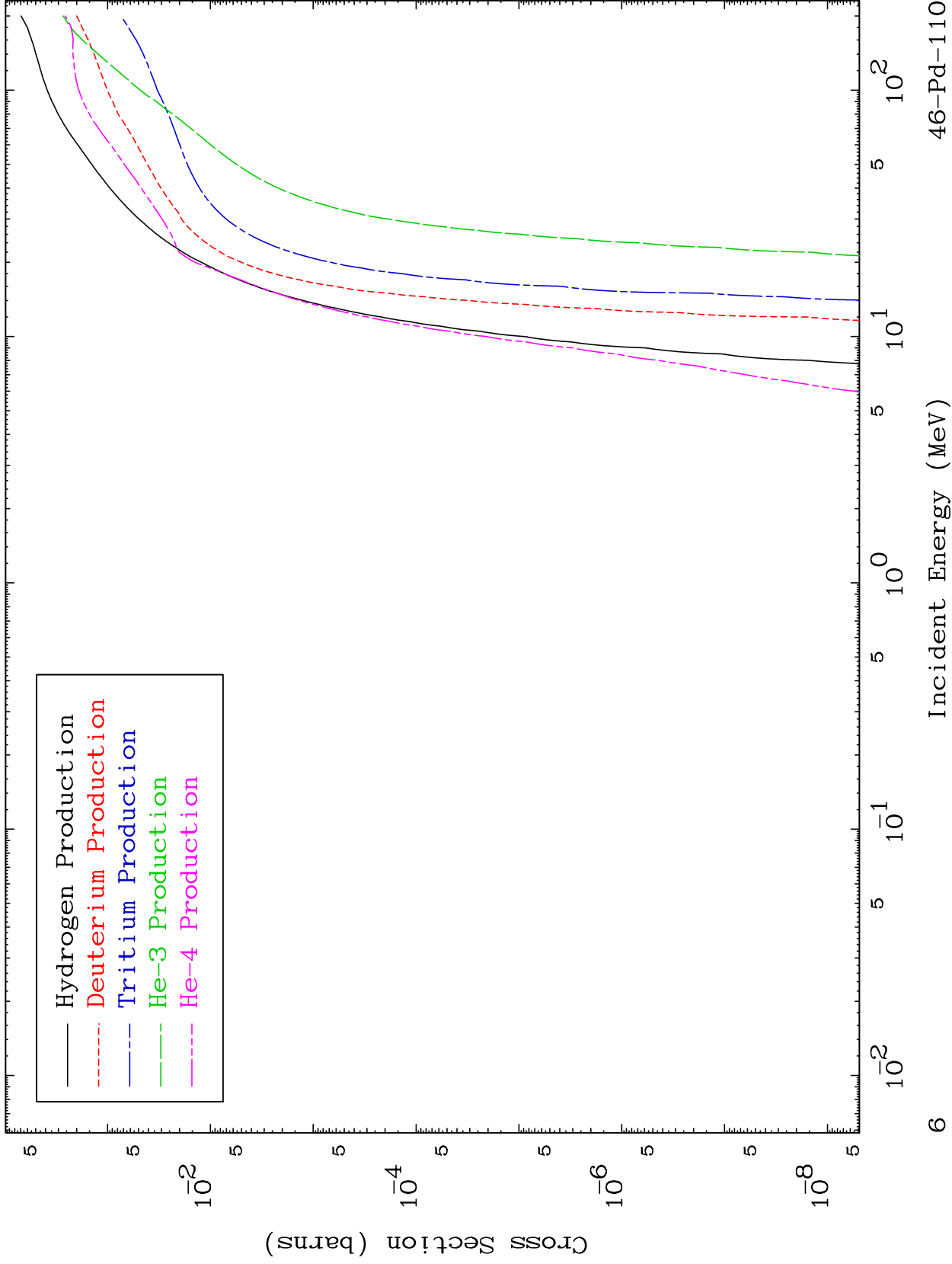
46-Pd-110



MAT 4649

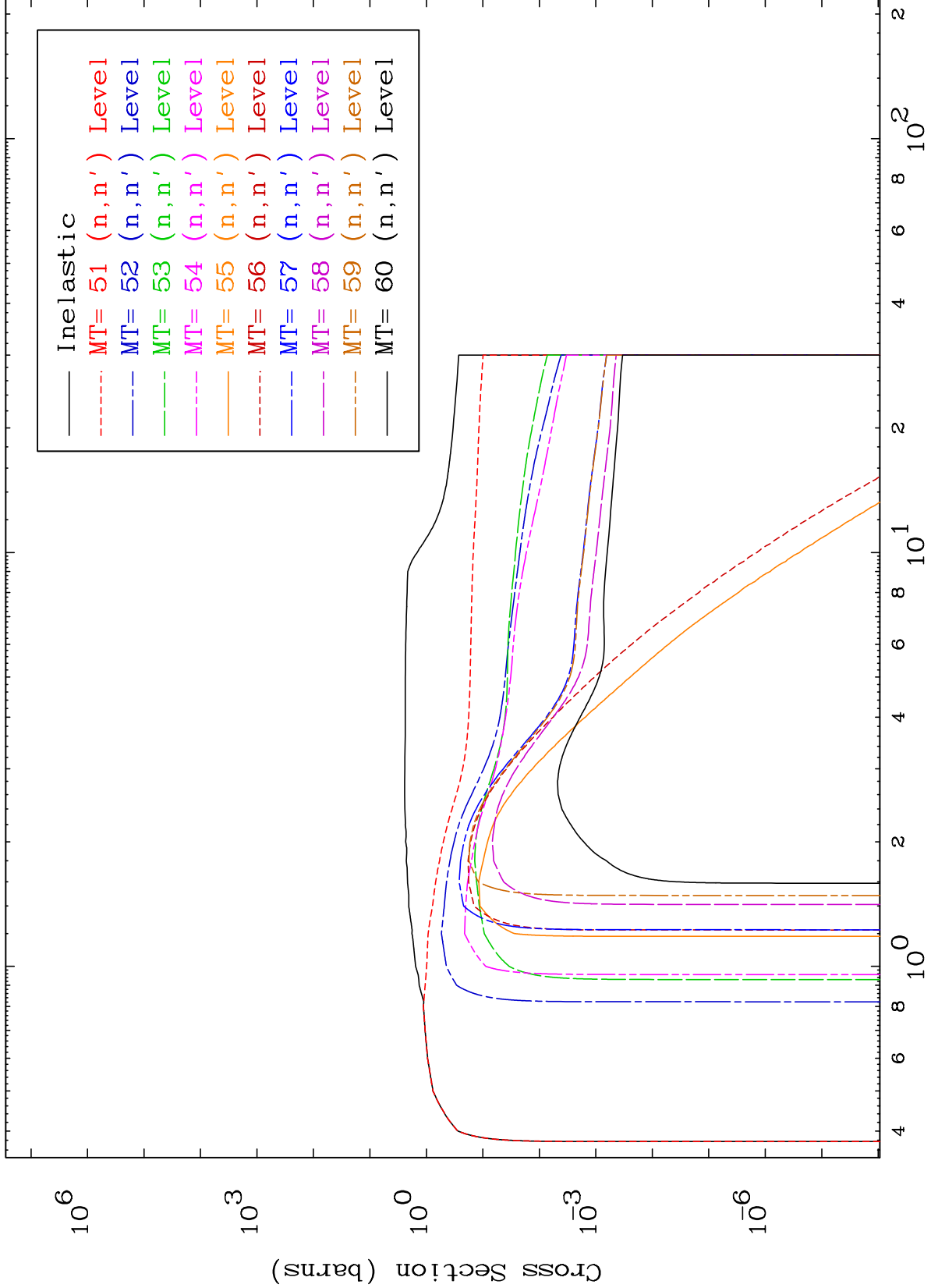
Particle Production  
293 Kelvin Cross Sections

46-Pd-110



6

293 Kelvin Cross Sections



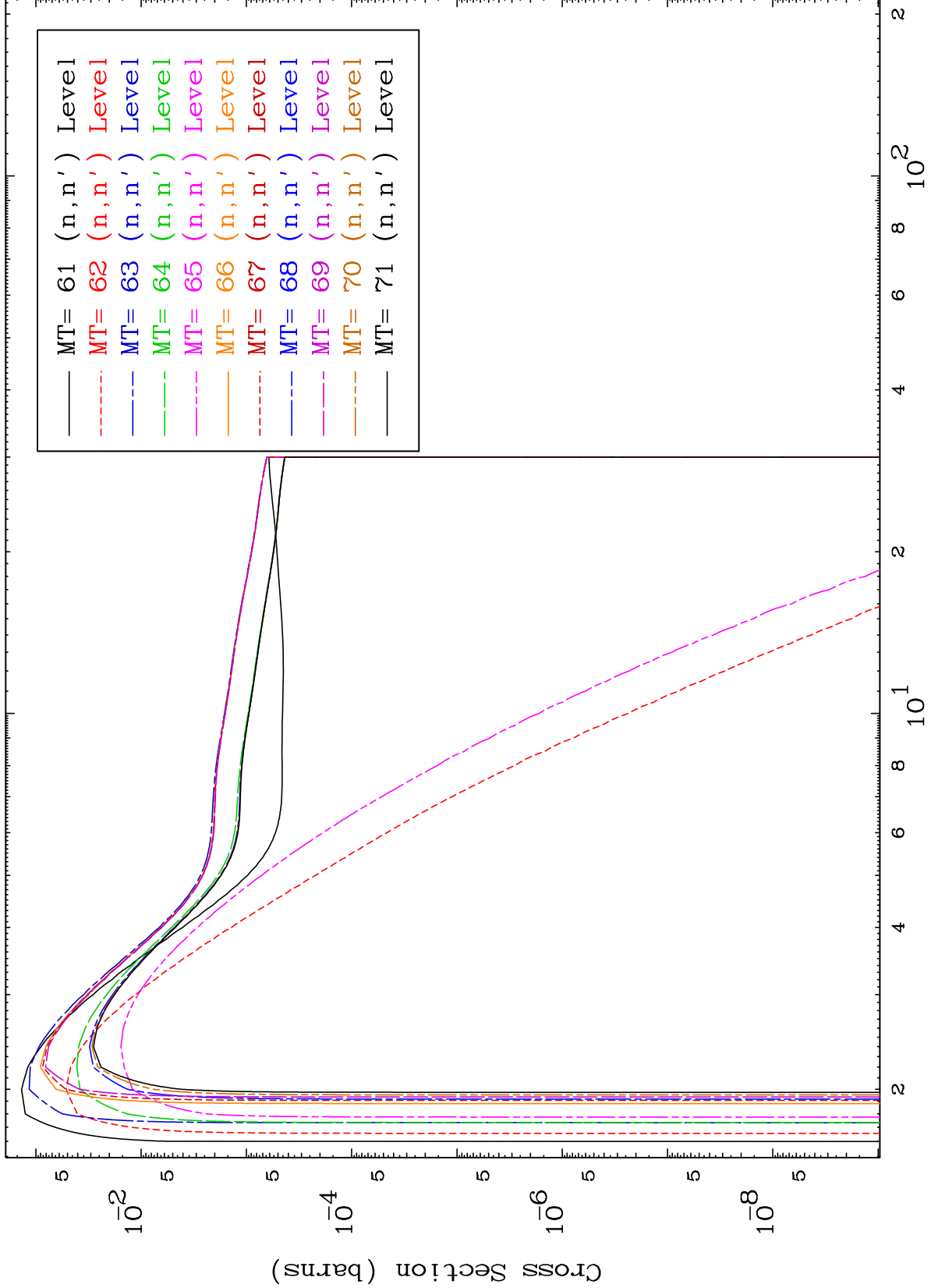


MAT 4649

(n,n') Level

46-Pd-110

293 Kelvin Cross Sections



8

Incident Energy (MeV)

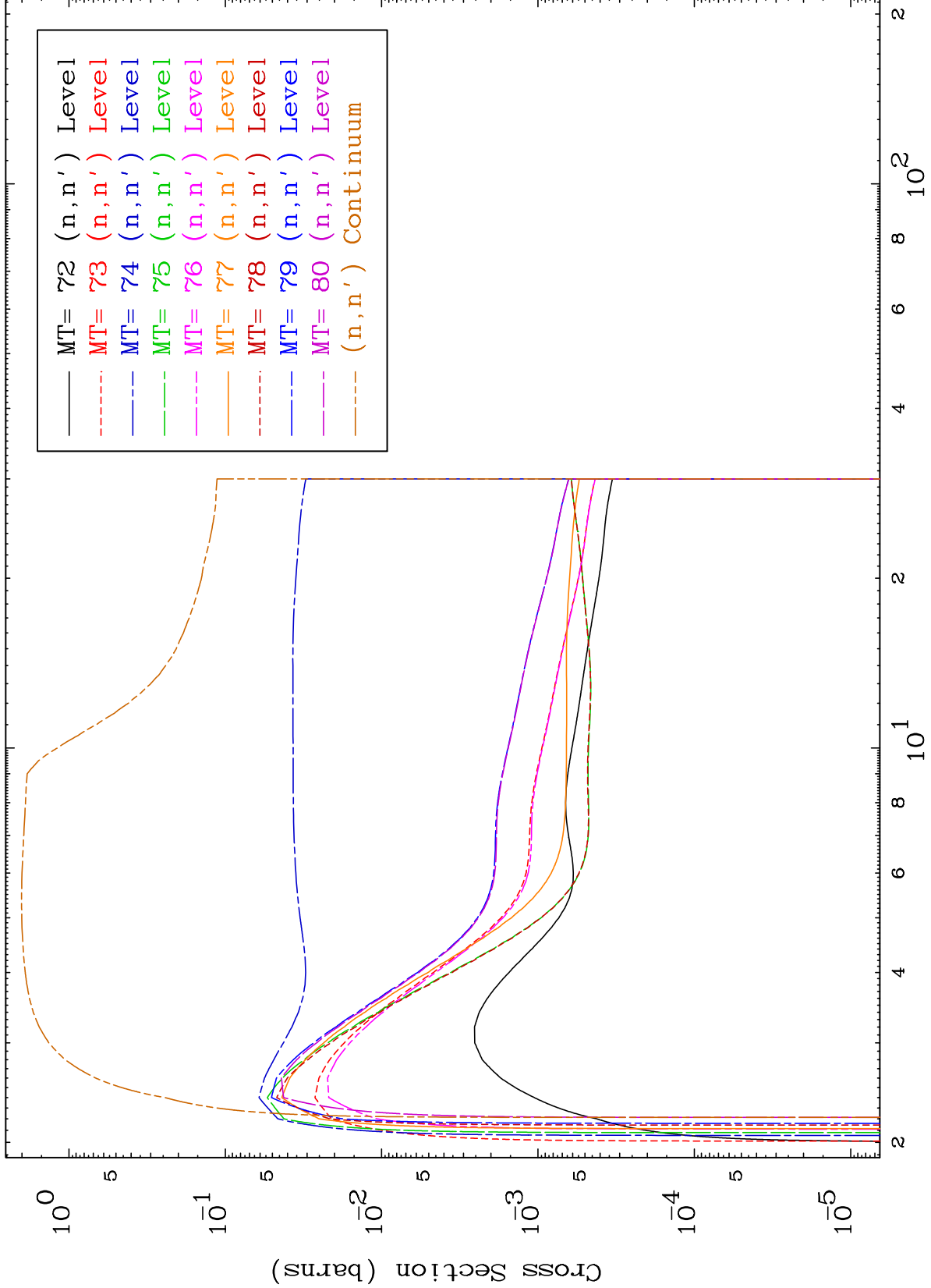
46-Pd-110

MAT 4649

(n,n') Level

46-Pd-110

293 Kelvin Cross Sections



9

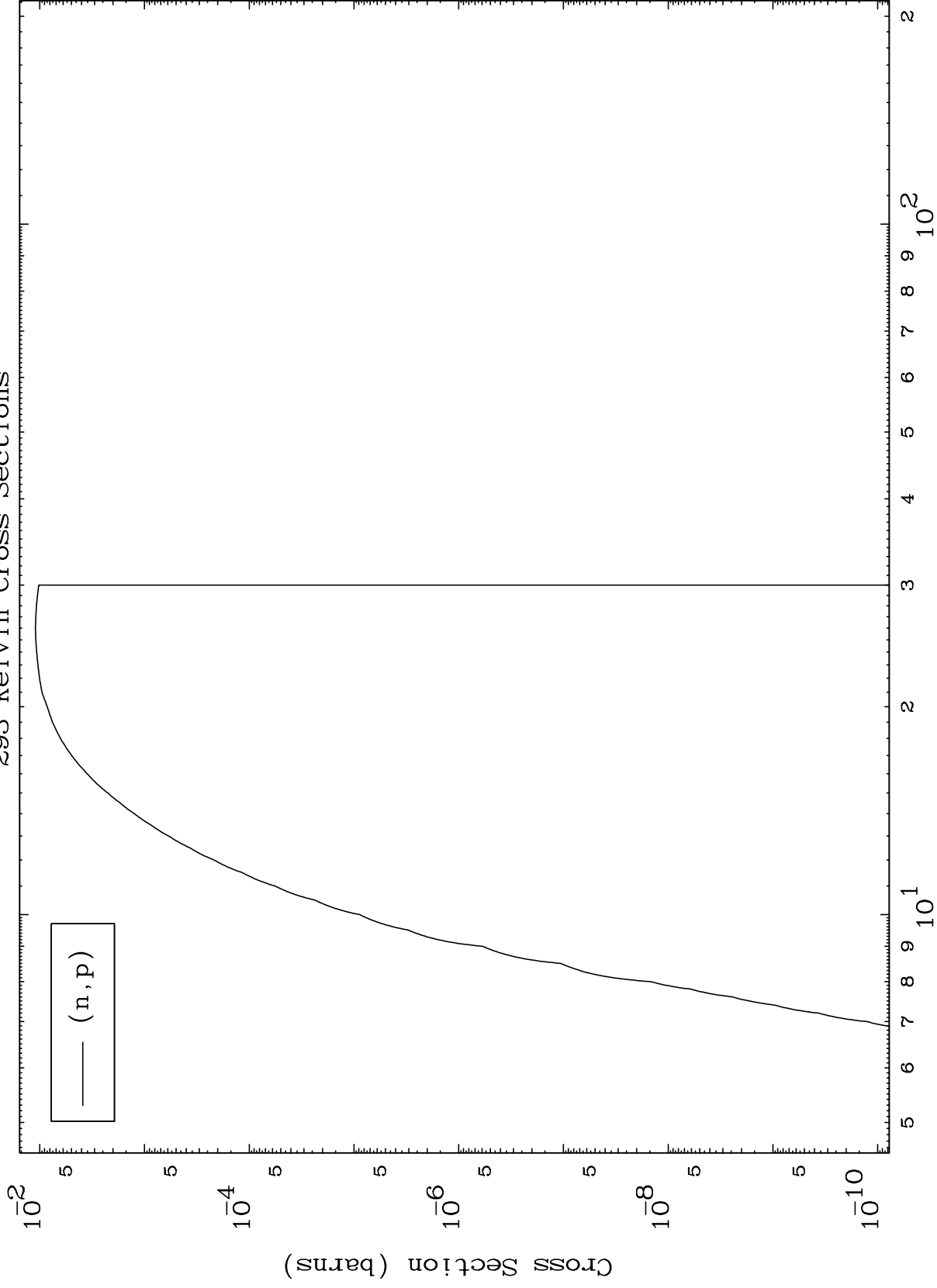
Incident Energy (MeV)

46-Pd-110

MAT 4649

(n,p) Levels  
293 Kelvin Cross Sections

46-Pd-110



10

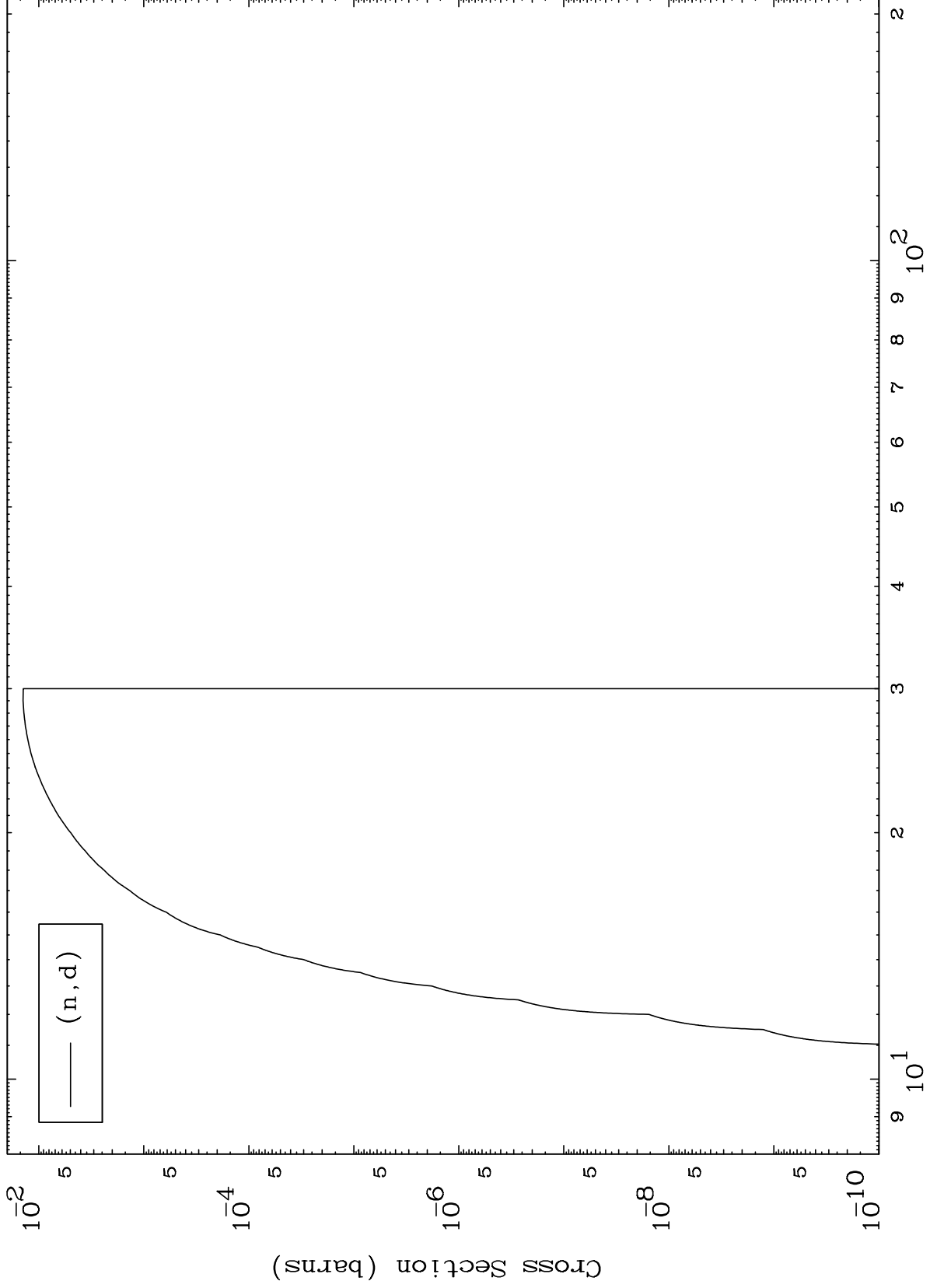
Incident Energy (MeV)

46-Pd-110

MAT 4649

(n,d) Levels  
293 Kelvin Cross Sections

46-Pd-110



11

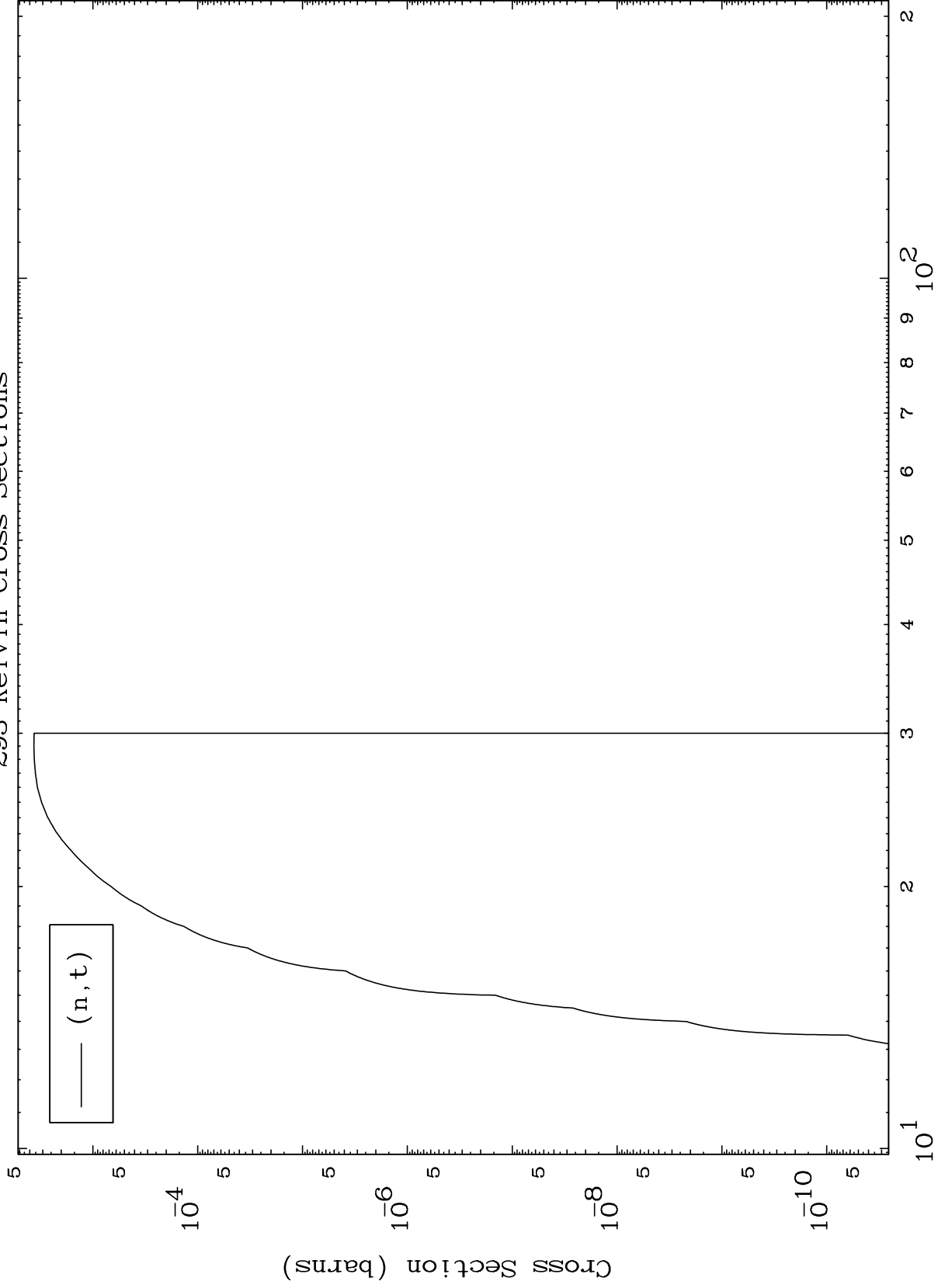
Incident Energy (MeV)

46-Pd-110

MAT 4649

(n,t) Levels  
293 Kelvin Cross Sections

46-Pd-110



Incident Energy (MeV)

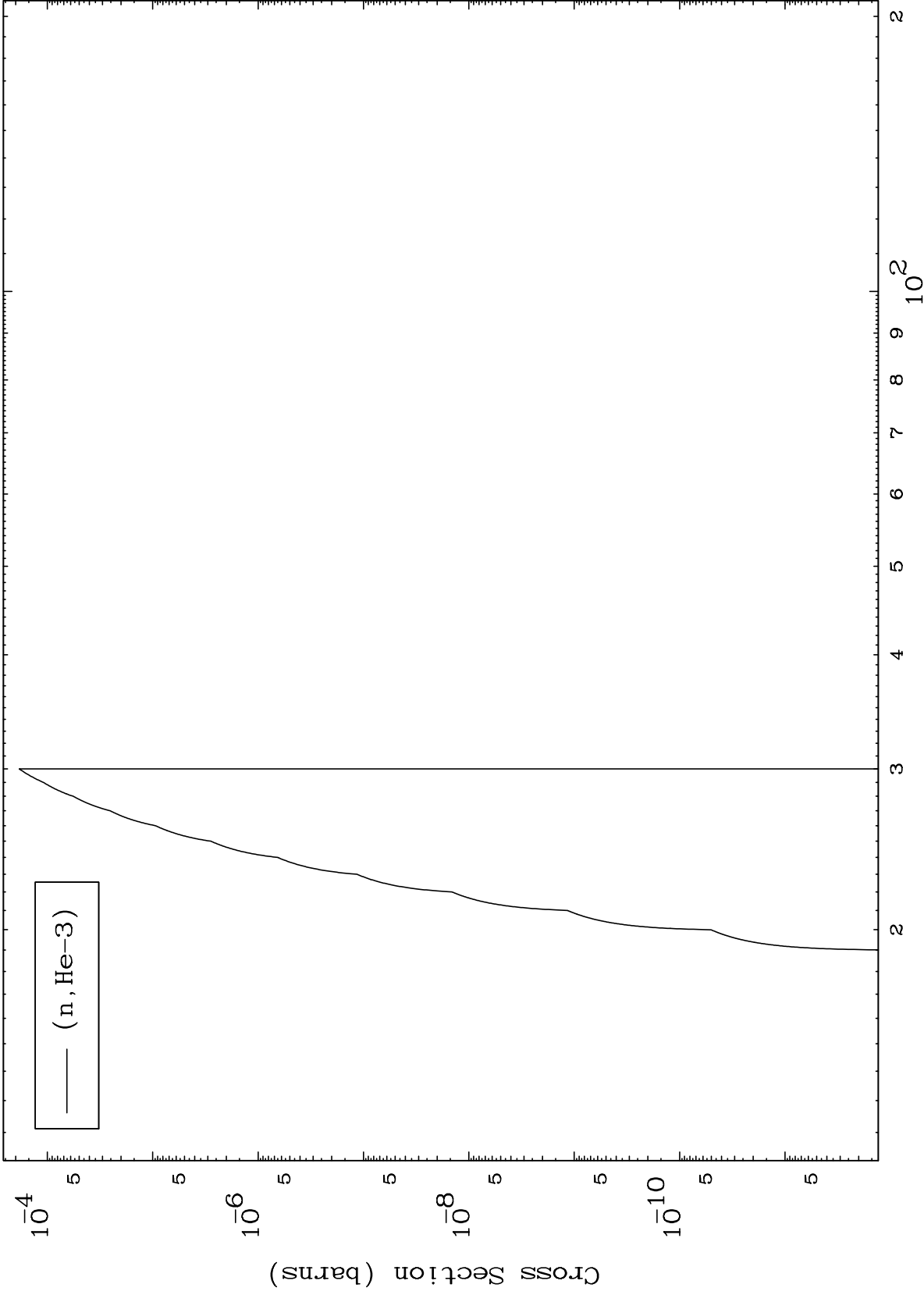
46-Pd-110

12

MAT 4649

(n,He3) Levels  
293 Kelvin Cross Sections

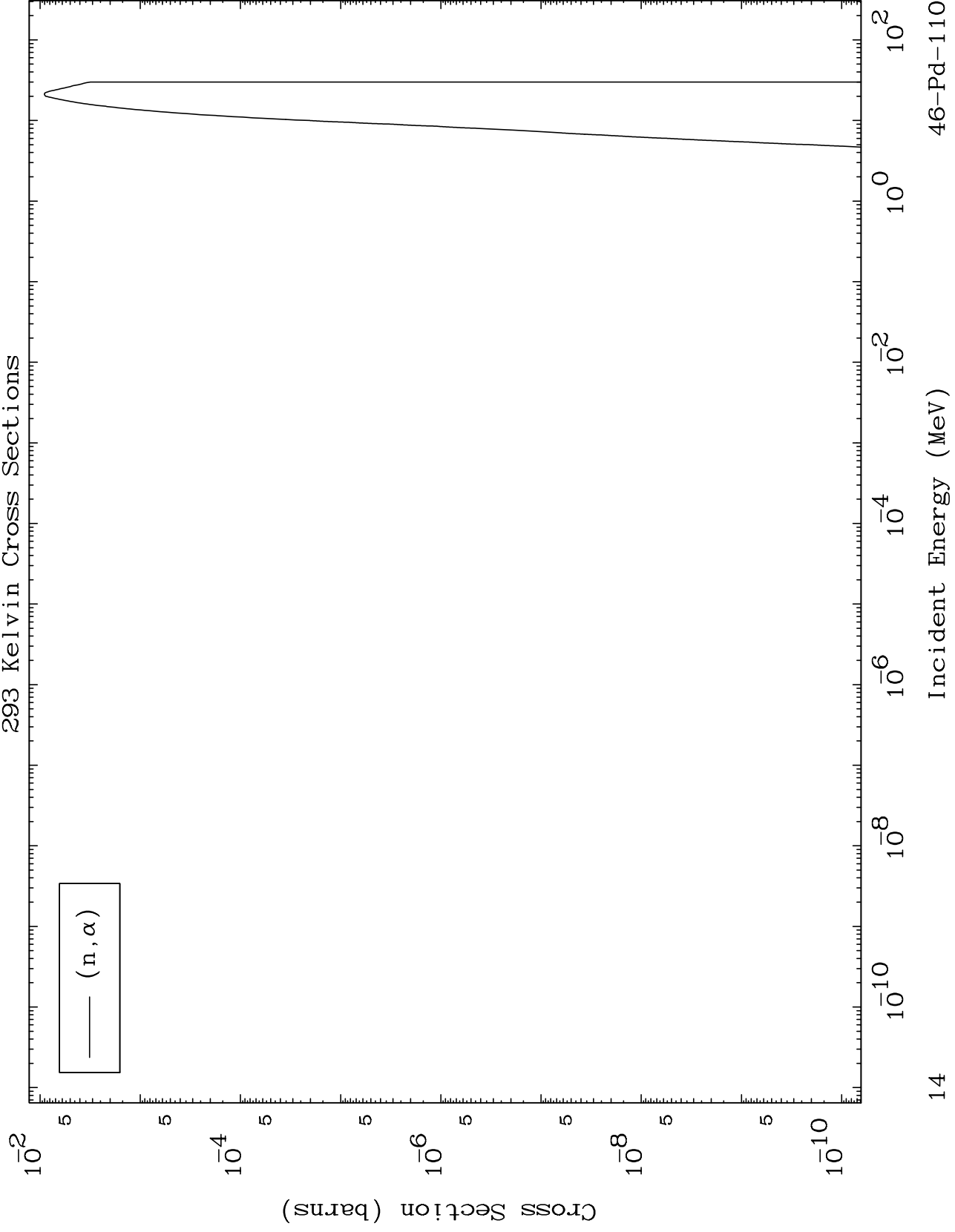
46-Pd-110

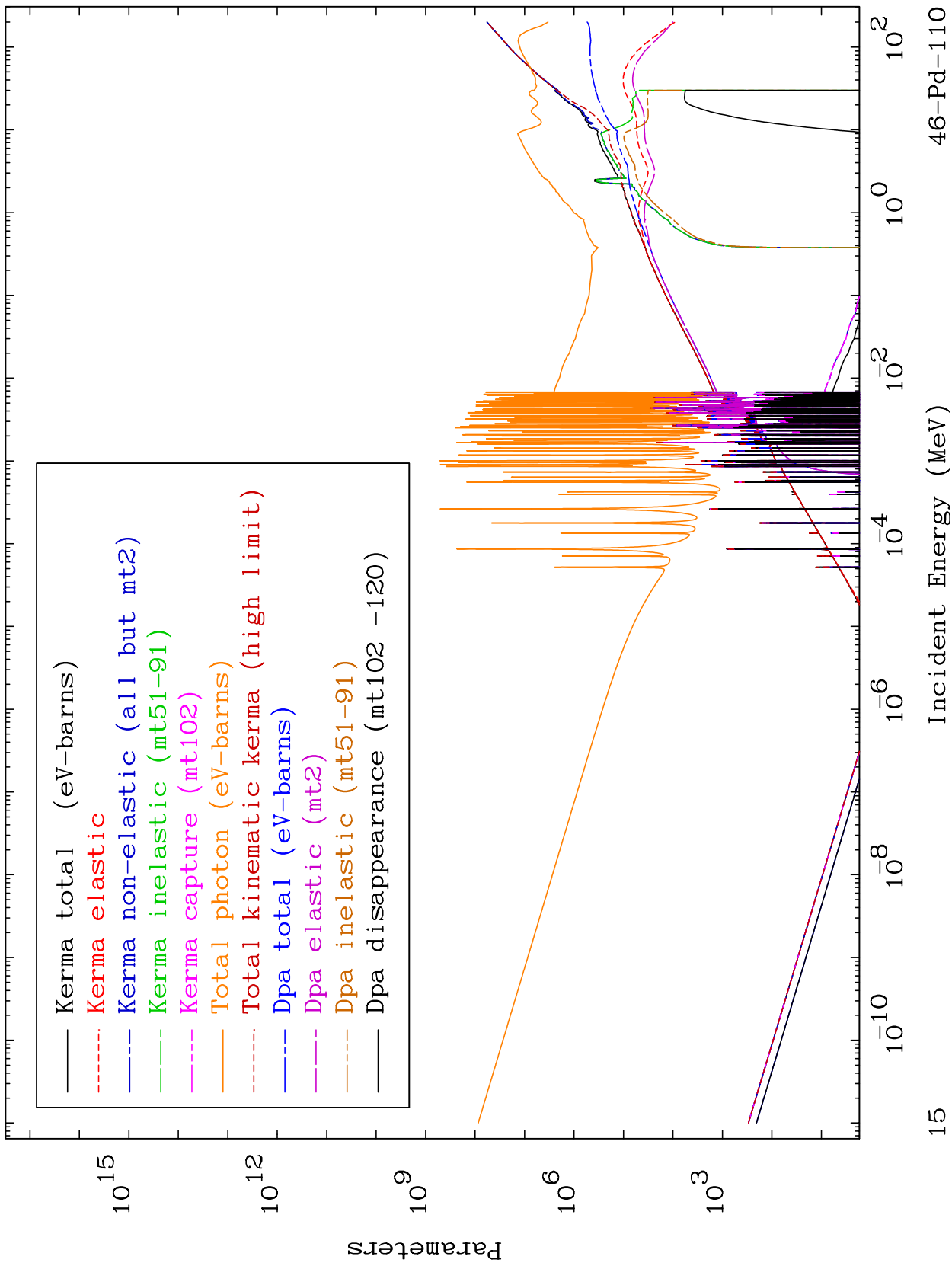


MAT 4649

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

46-Pd-110



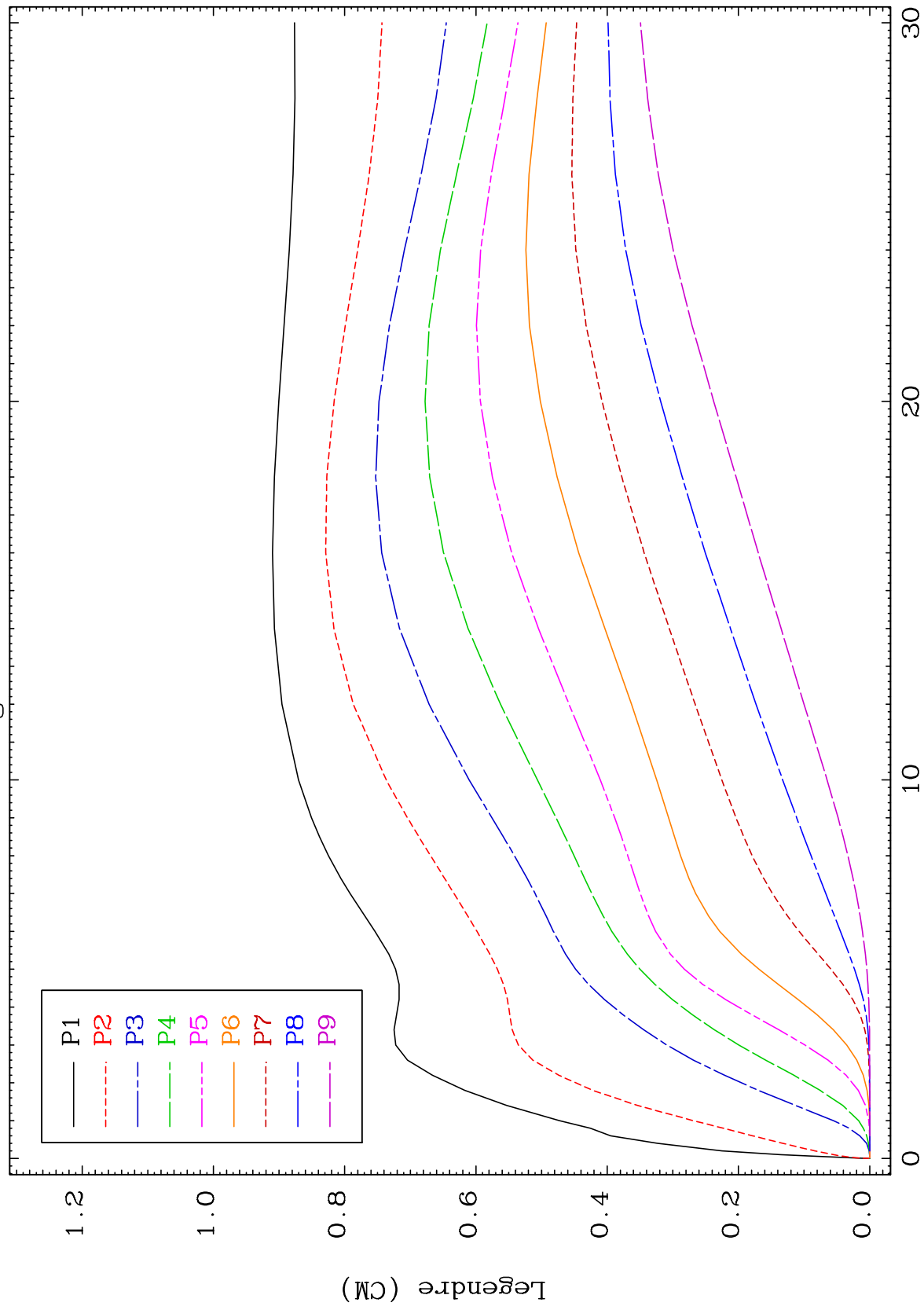




MAT 4649

Elastic Legendre Coefficients

46-Pd-110



16

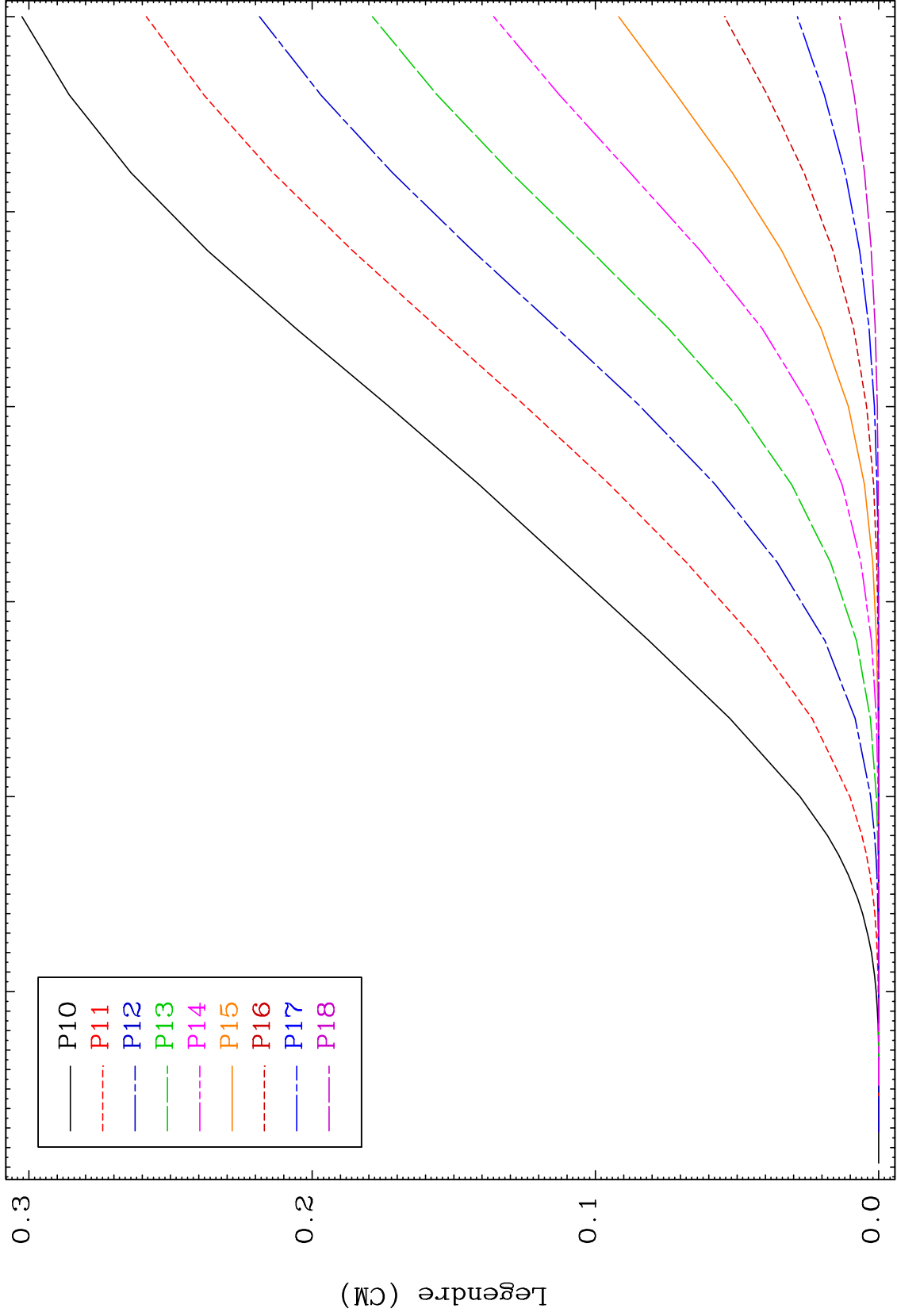
Incident Energy (MeV)

46-Pd-110

MAT 4649

Elastic  
Legendre Coefficients

46-Pd-110



17

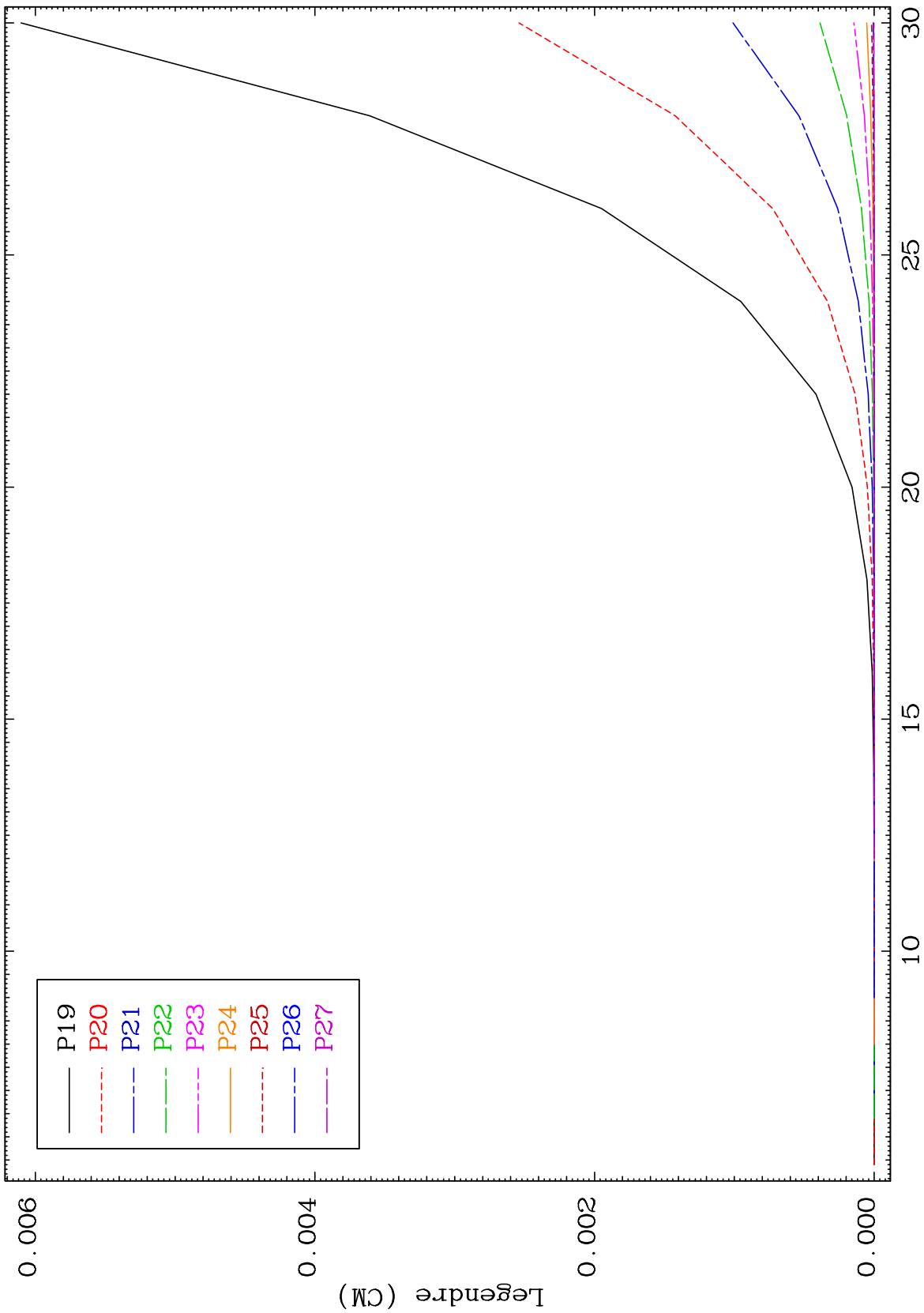
Incident Energy (MeV)

46-Pd-110

MAT 4649

Elastic Legendre Coefficients

46-Pd-110



18

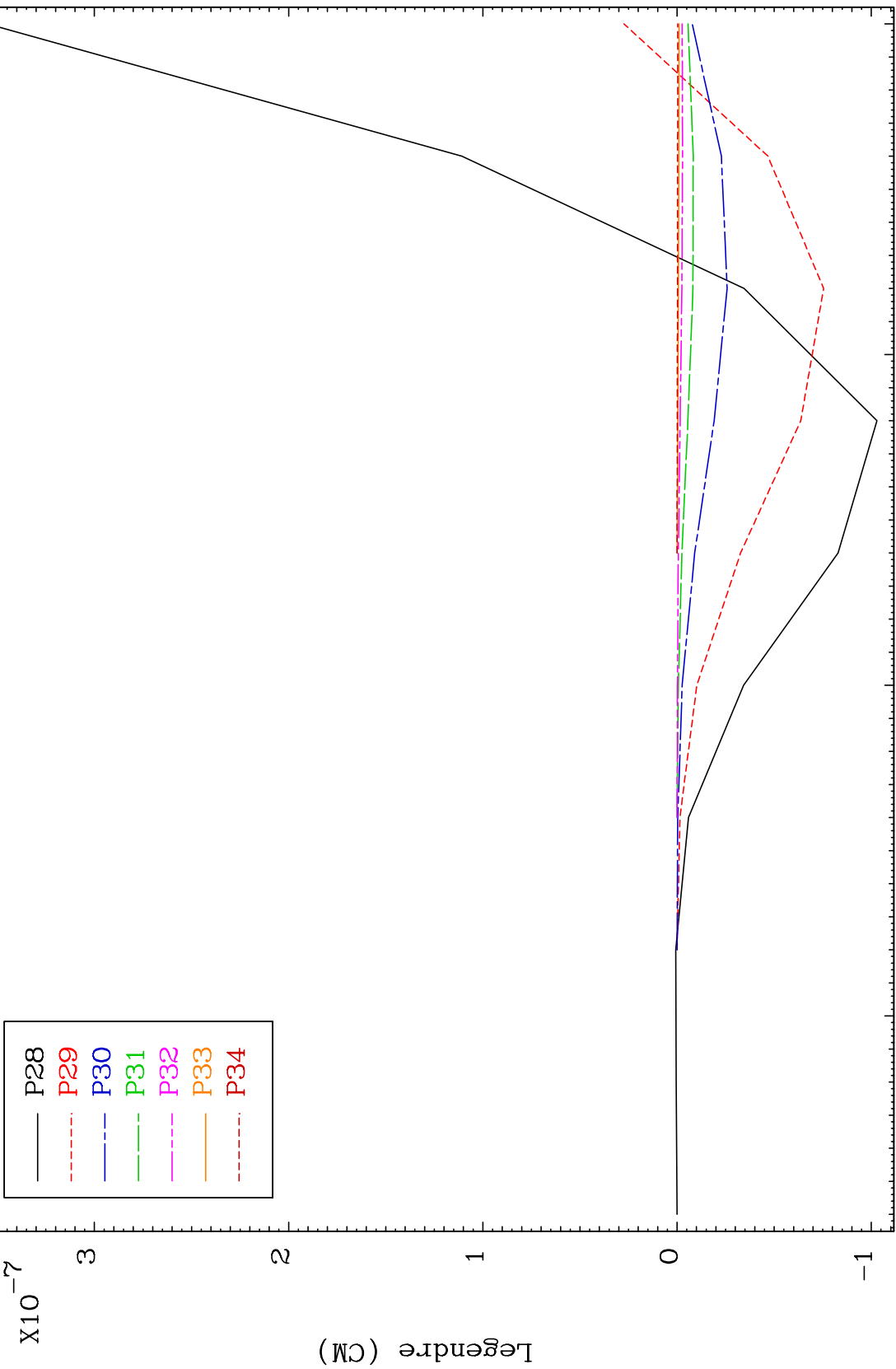
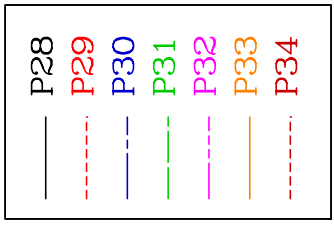
Incident Energy (MeV)

46-Pd-110

MAT 4649

Elastic Legendre Coefficients

46-Pd-110



30

25

20

15

19

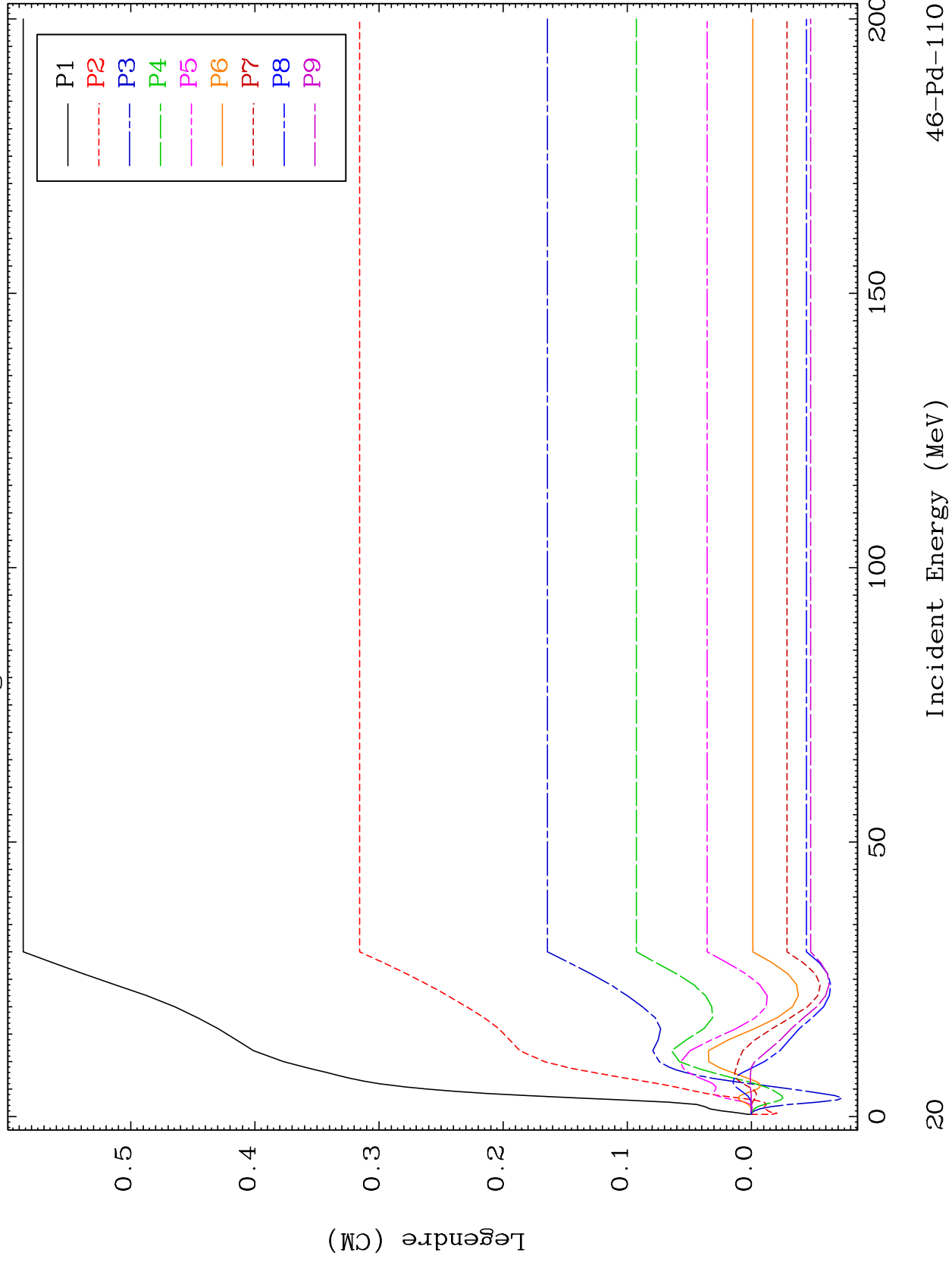
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



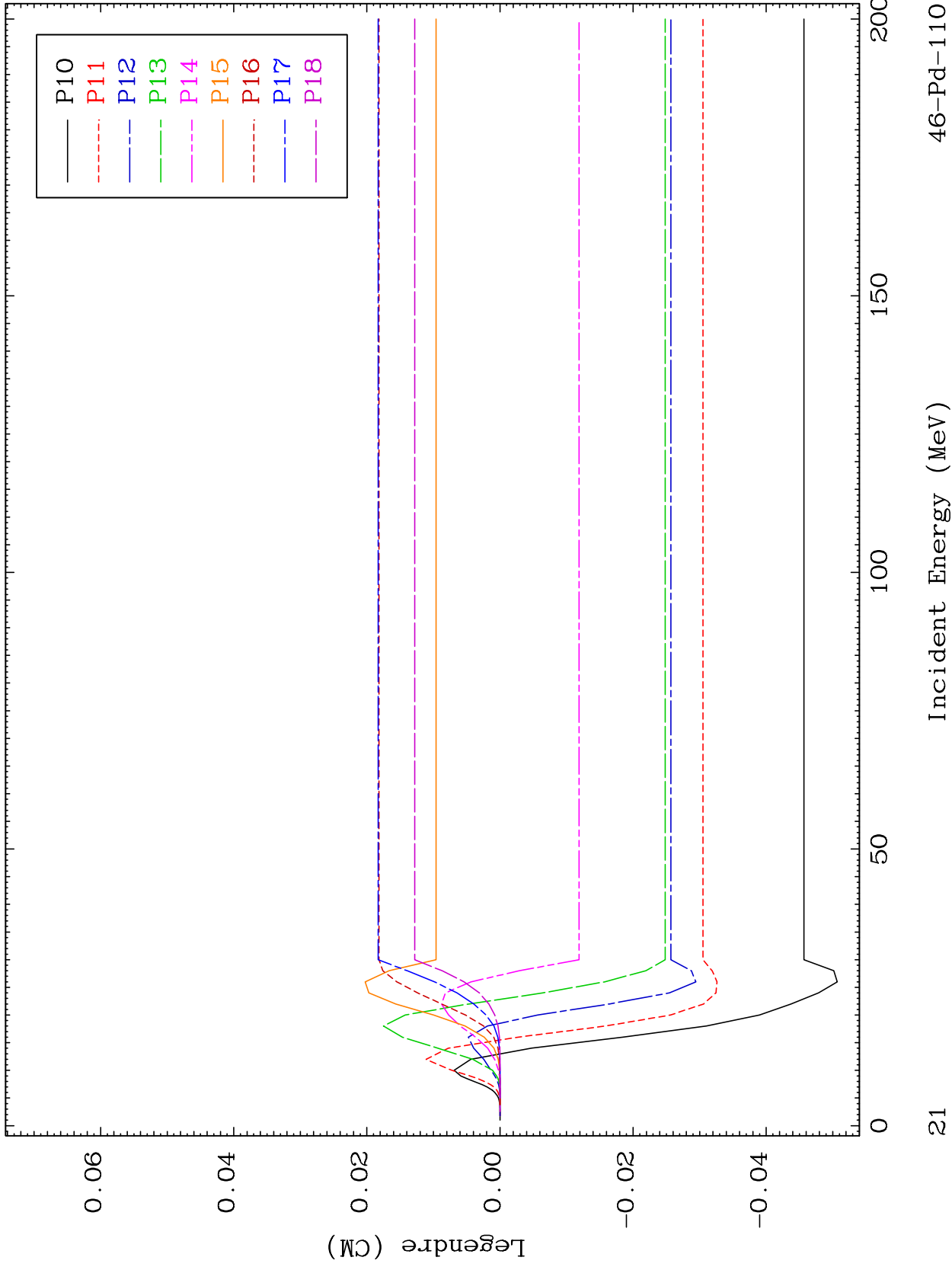
46-Pd-110

Incident Energy (MeV)

MAT 4649

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

46-Pd-110



21

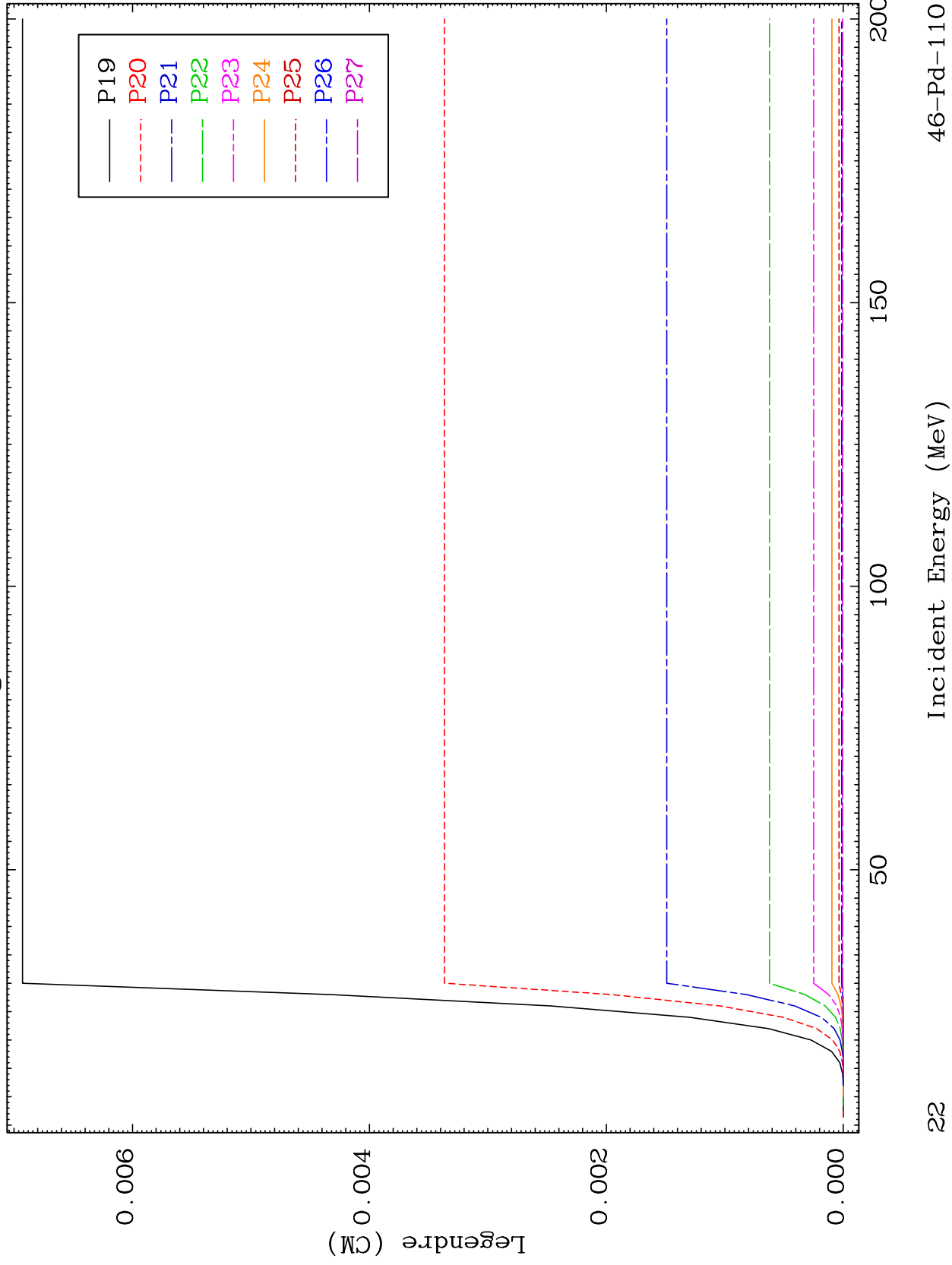
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110

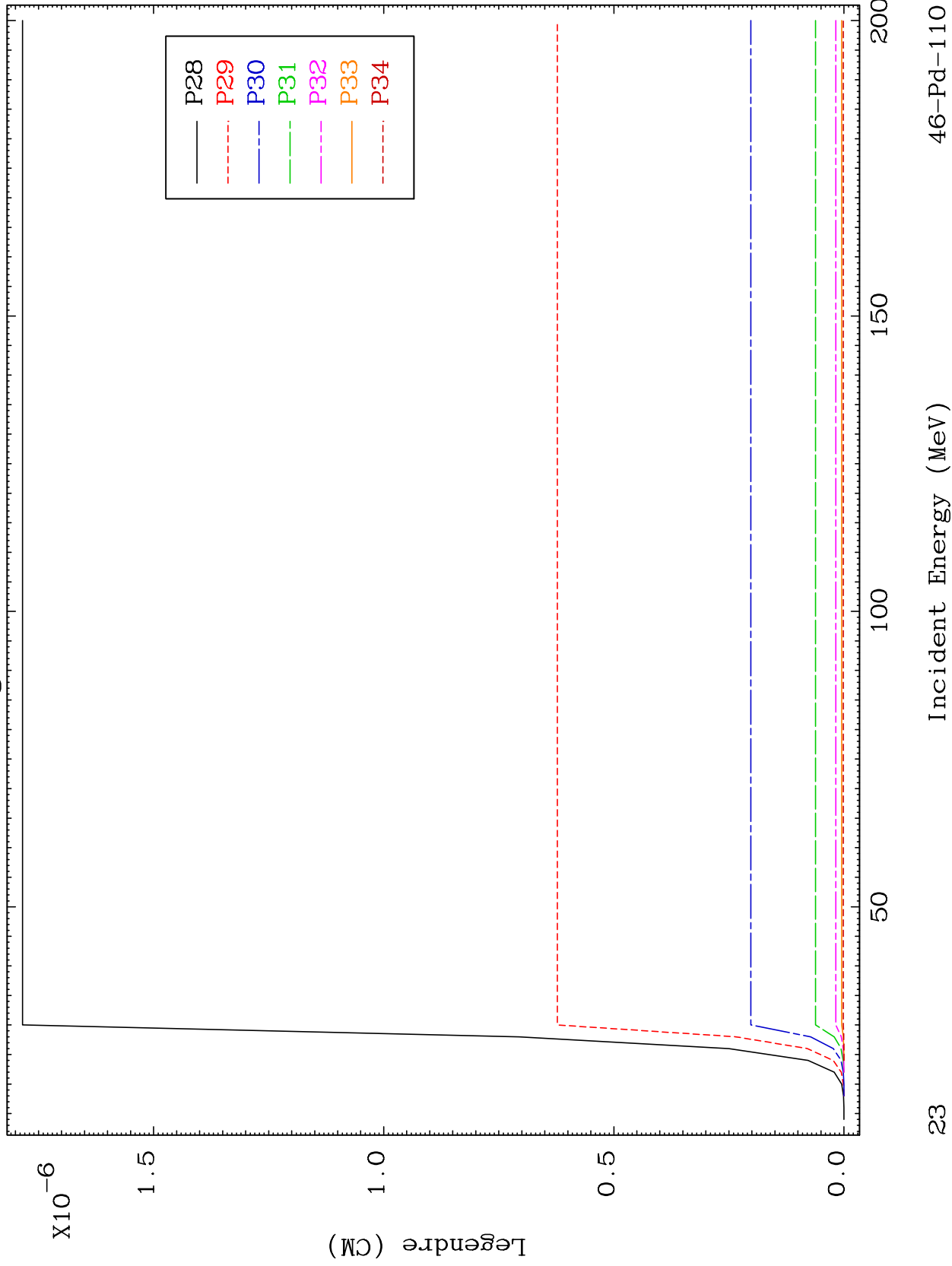


22

MAT 4649

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

46-Pd-110



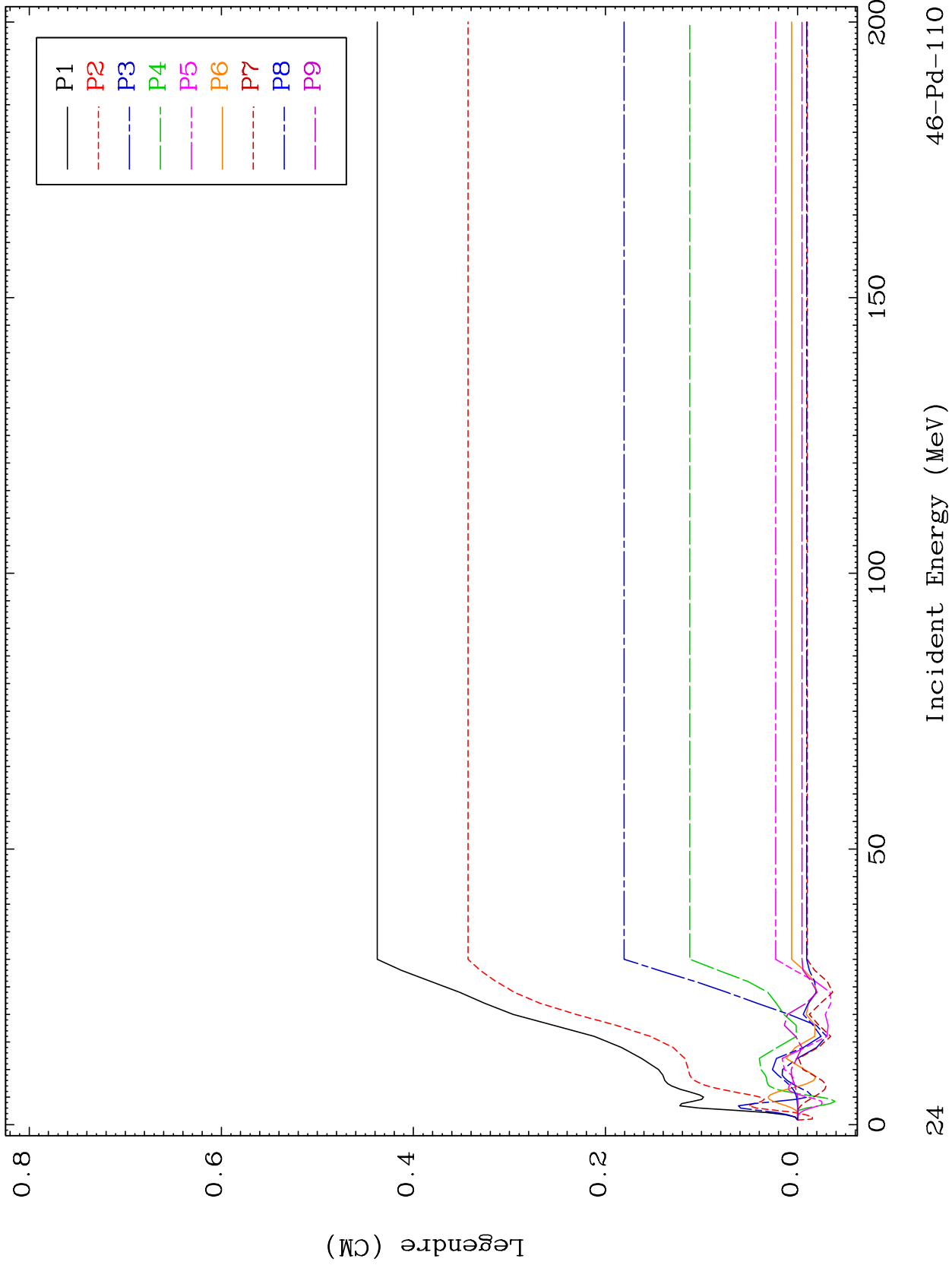
23



MAT 4649

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

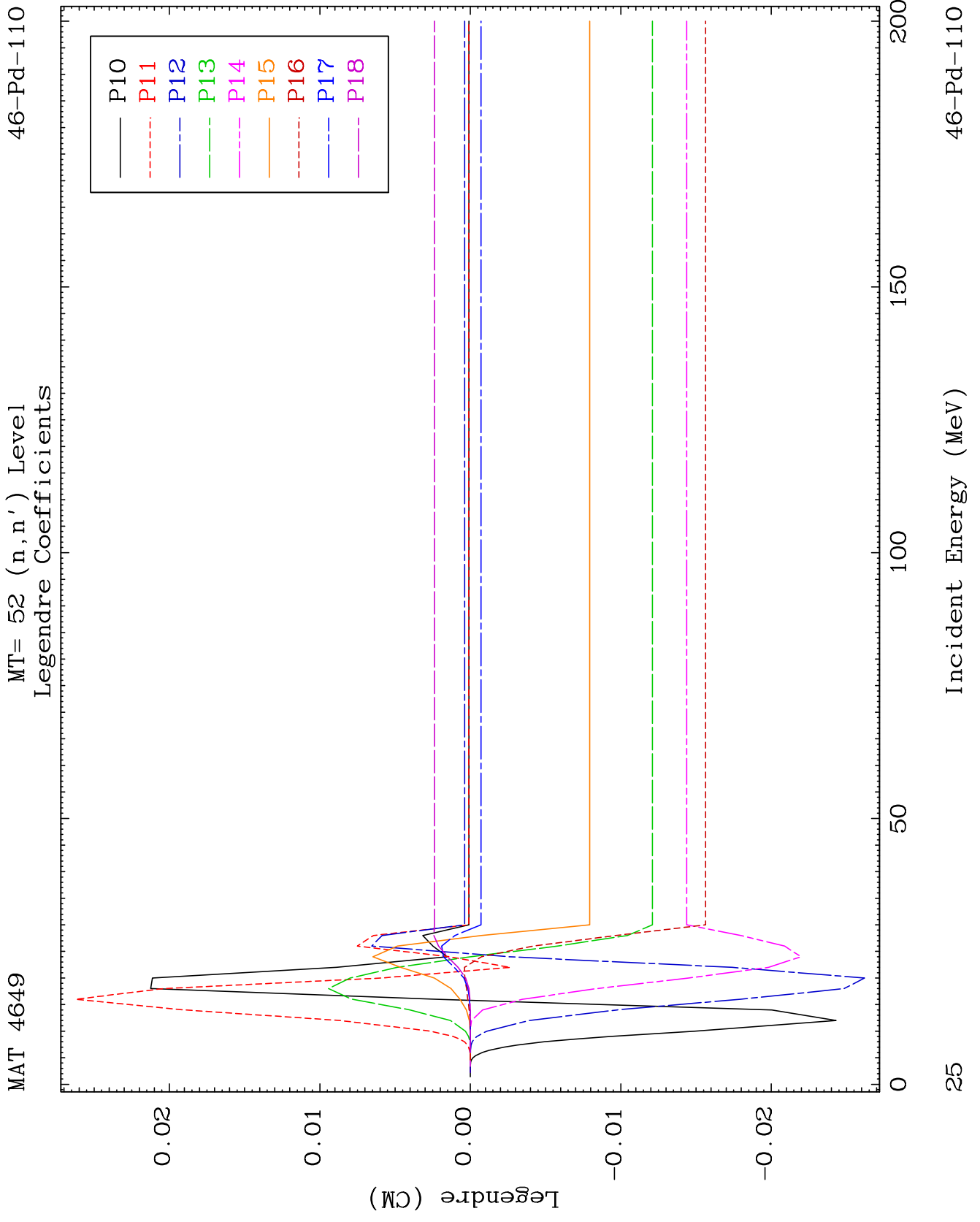
46-Pd-110



46-Pd-110

Incident Energy (MeV)

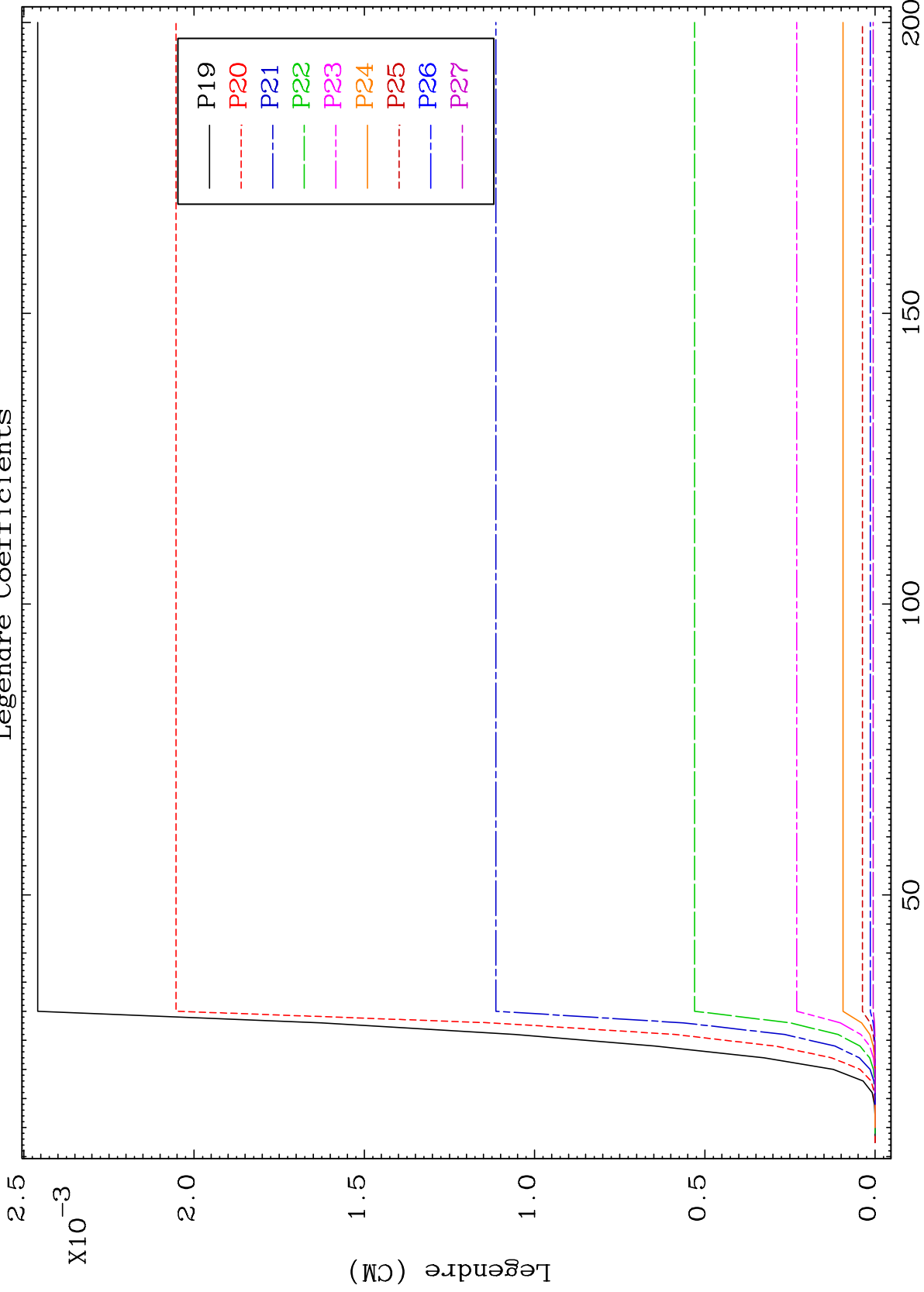
24



MAT 4649

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

46-Pd-110



26

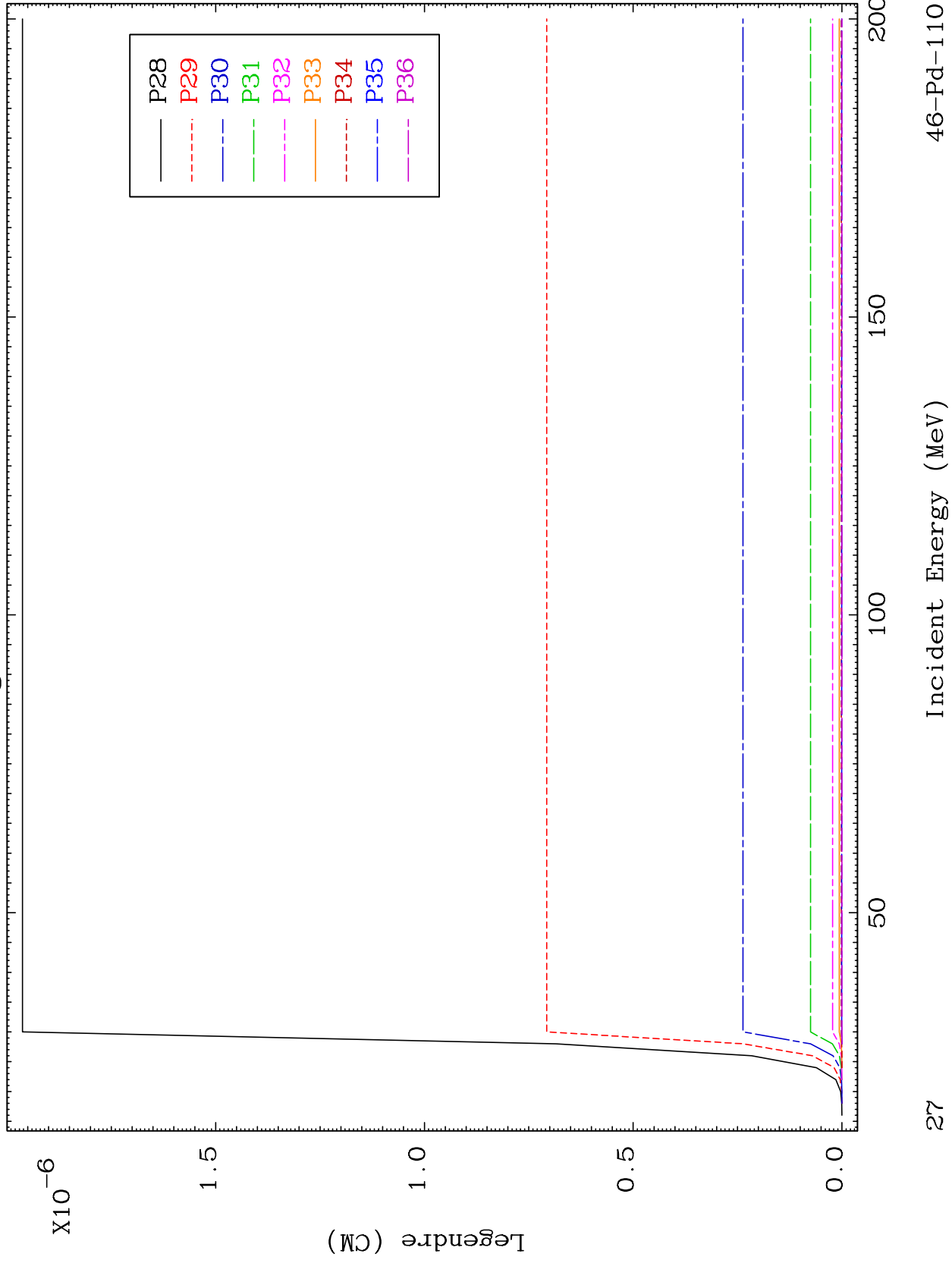
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

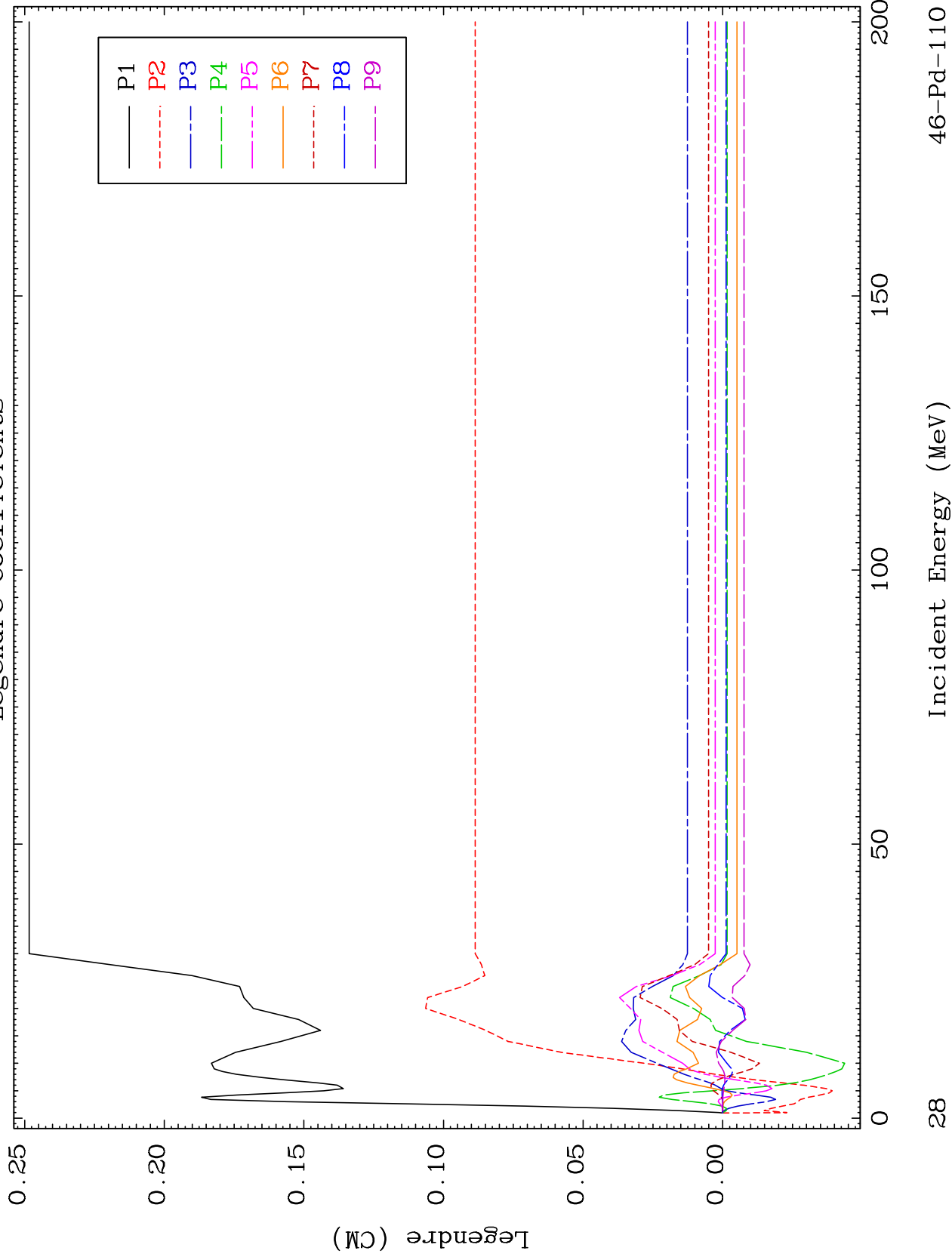
46-Pd-110



MAT 4649

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

46-Pd-110



46-Pd-110

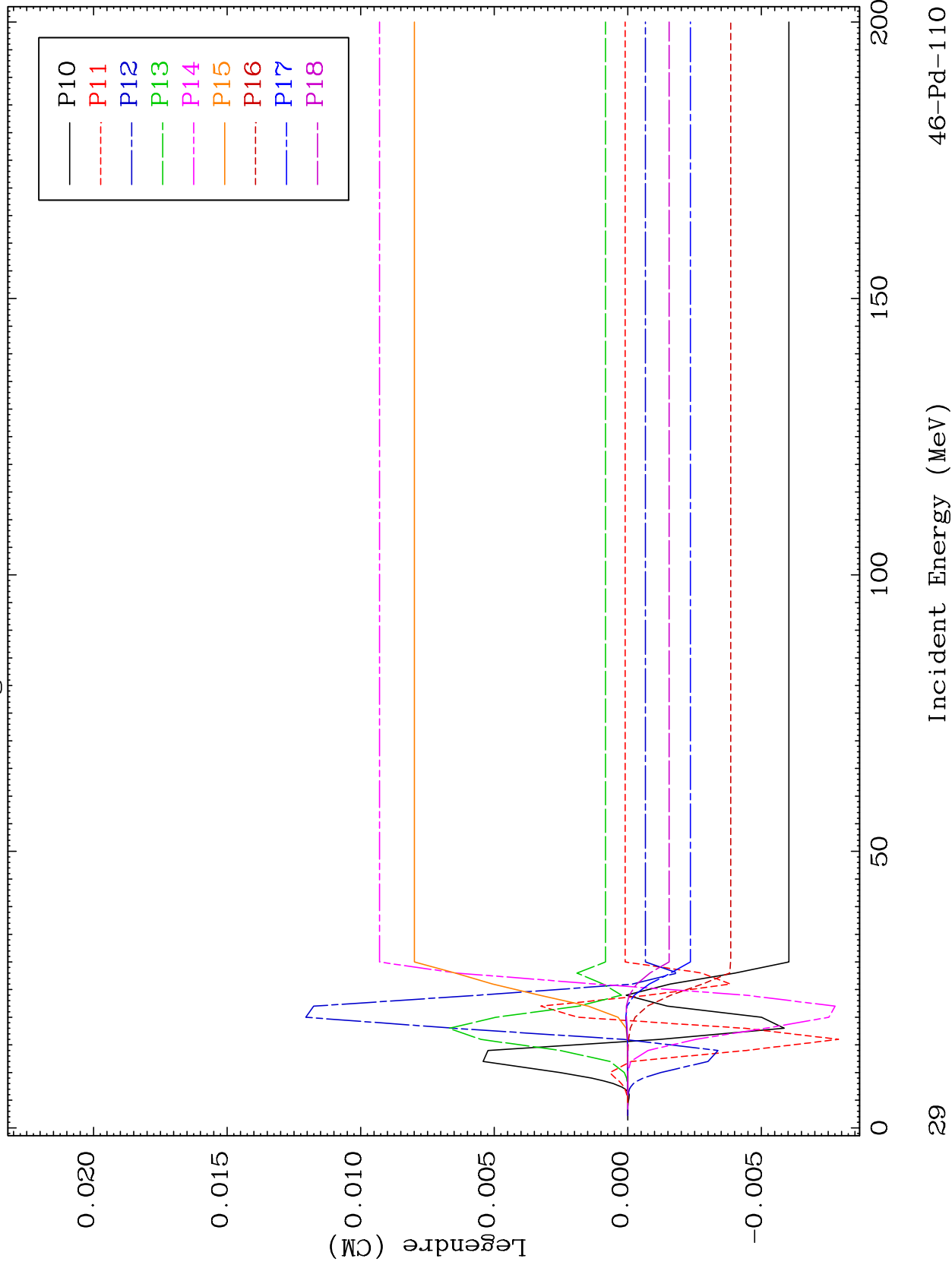
Incident Energy (MeV)

28

MAT 4649

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

46-Pd-110



29

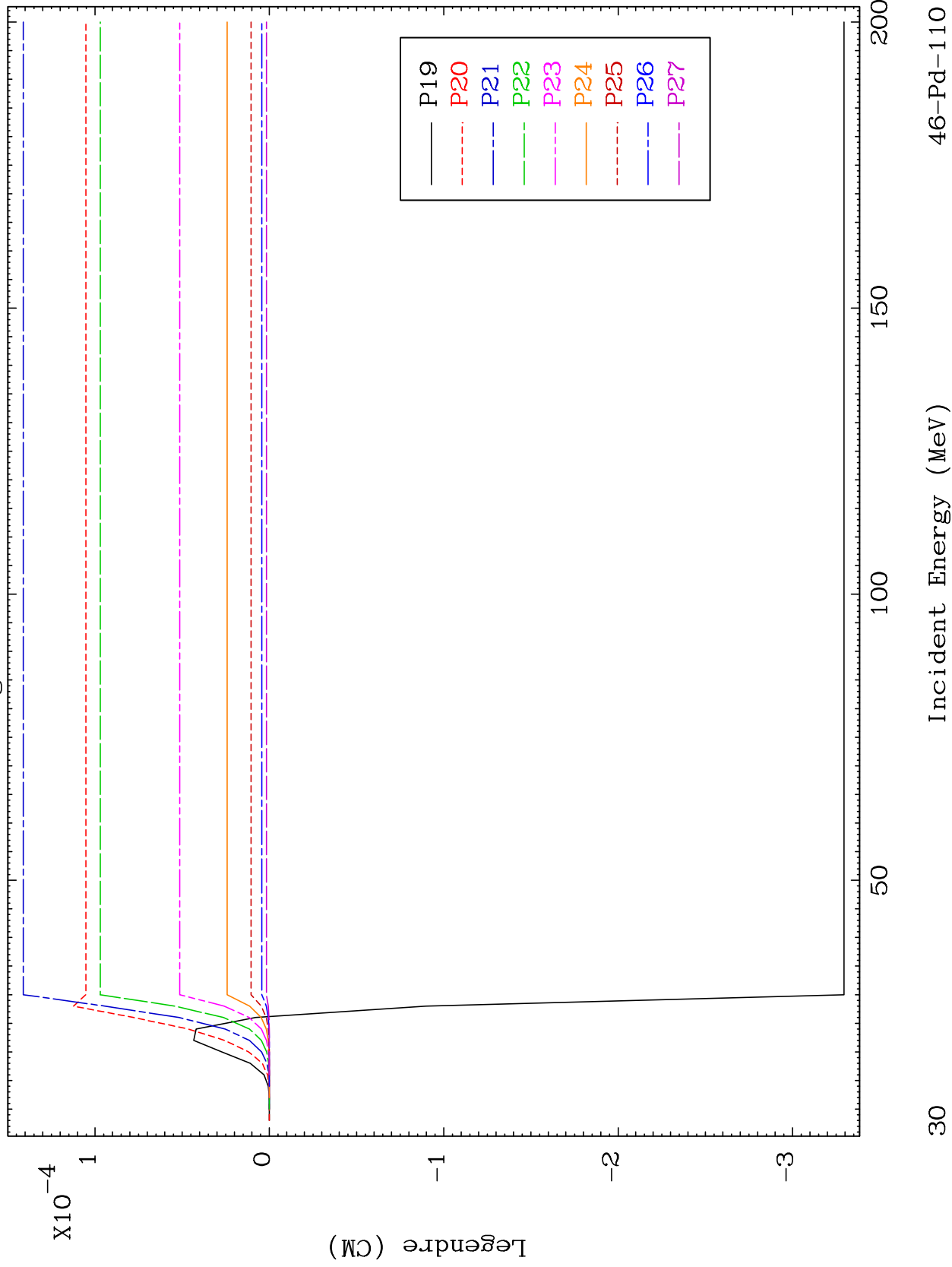
Incident Energy (MeV)

46-Pd-110

MAT 4649

46-Pd-110

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



30

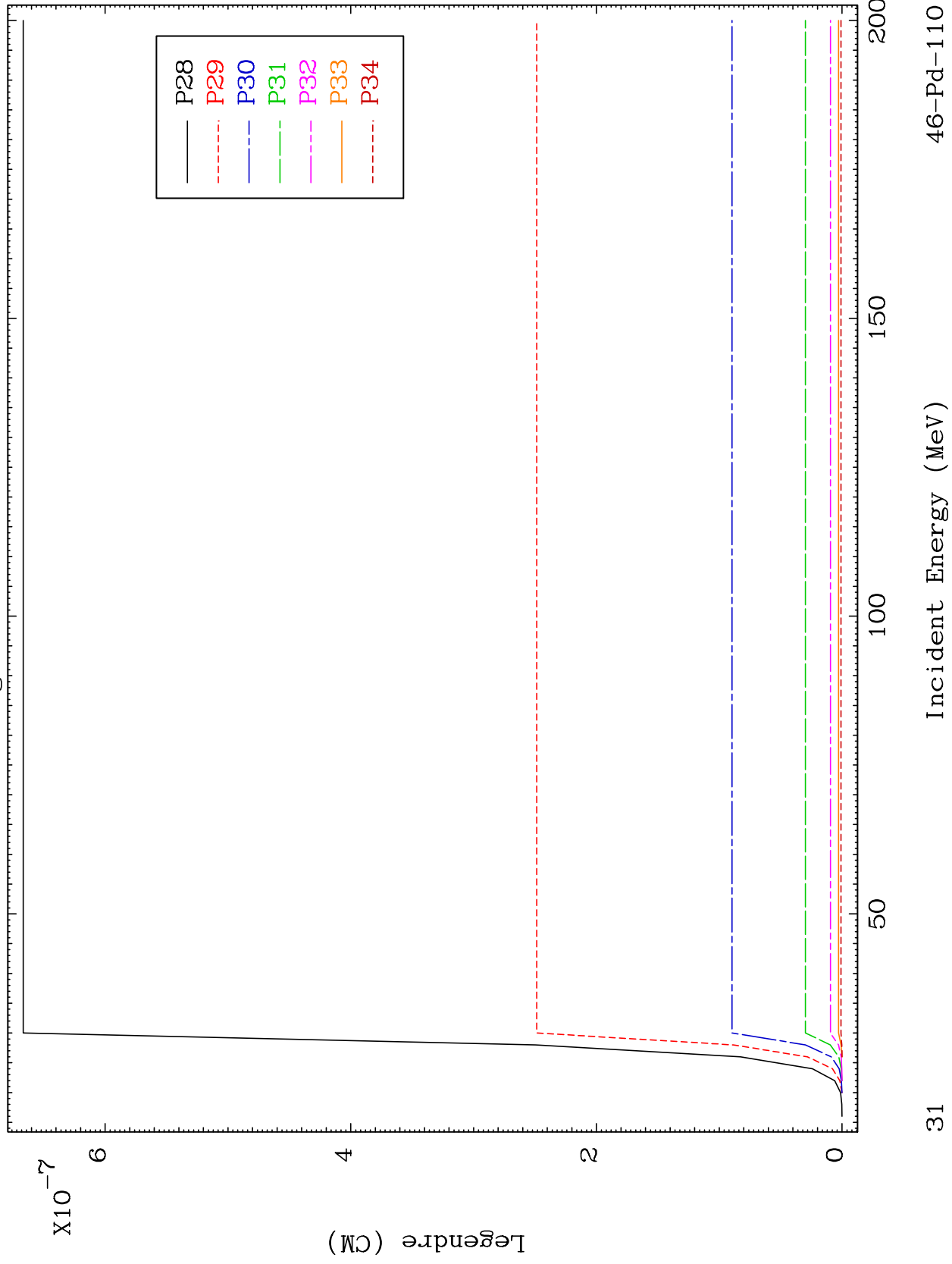
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110

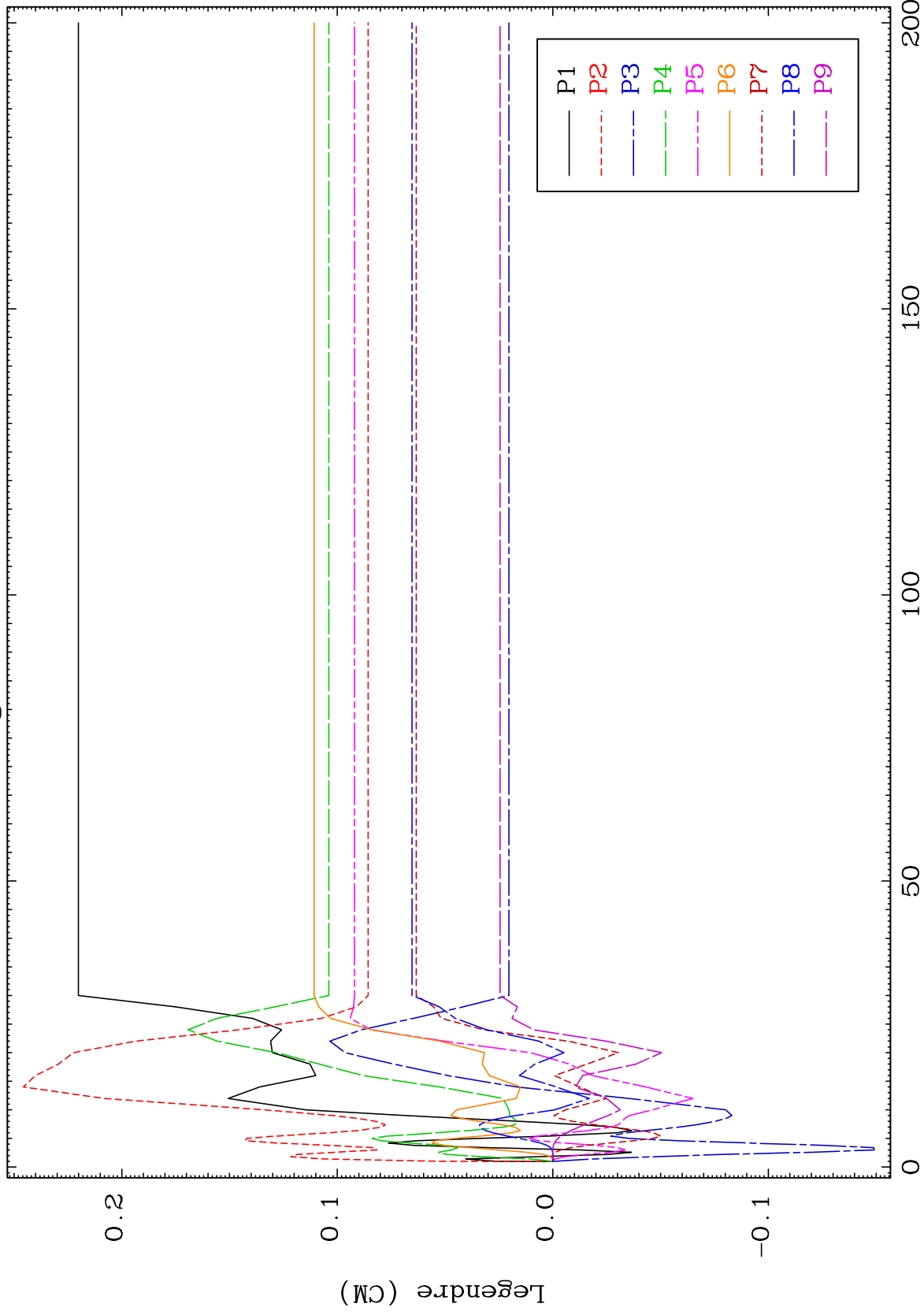




MAT 4649

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

46-Pd-110



32

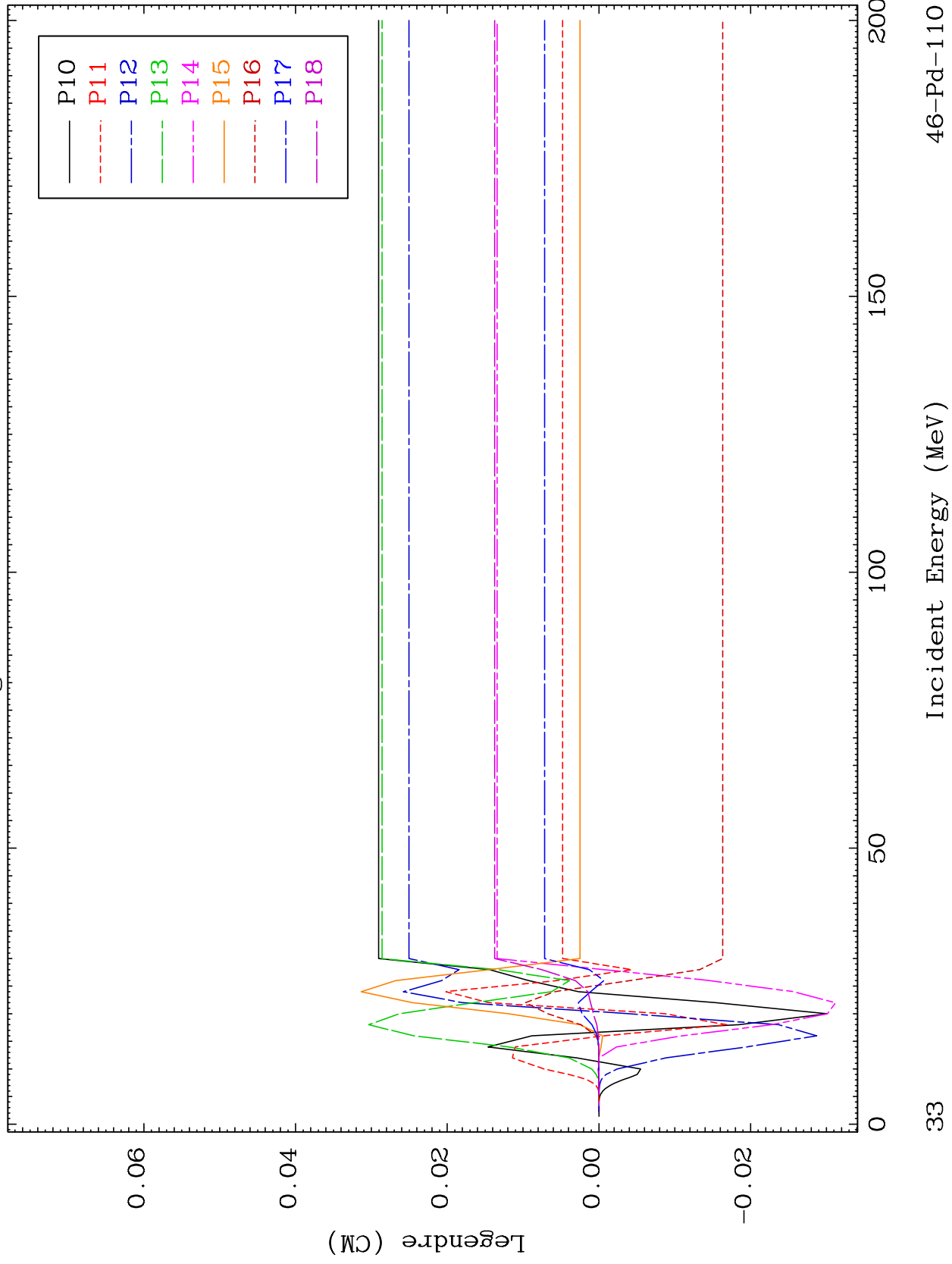
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



33

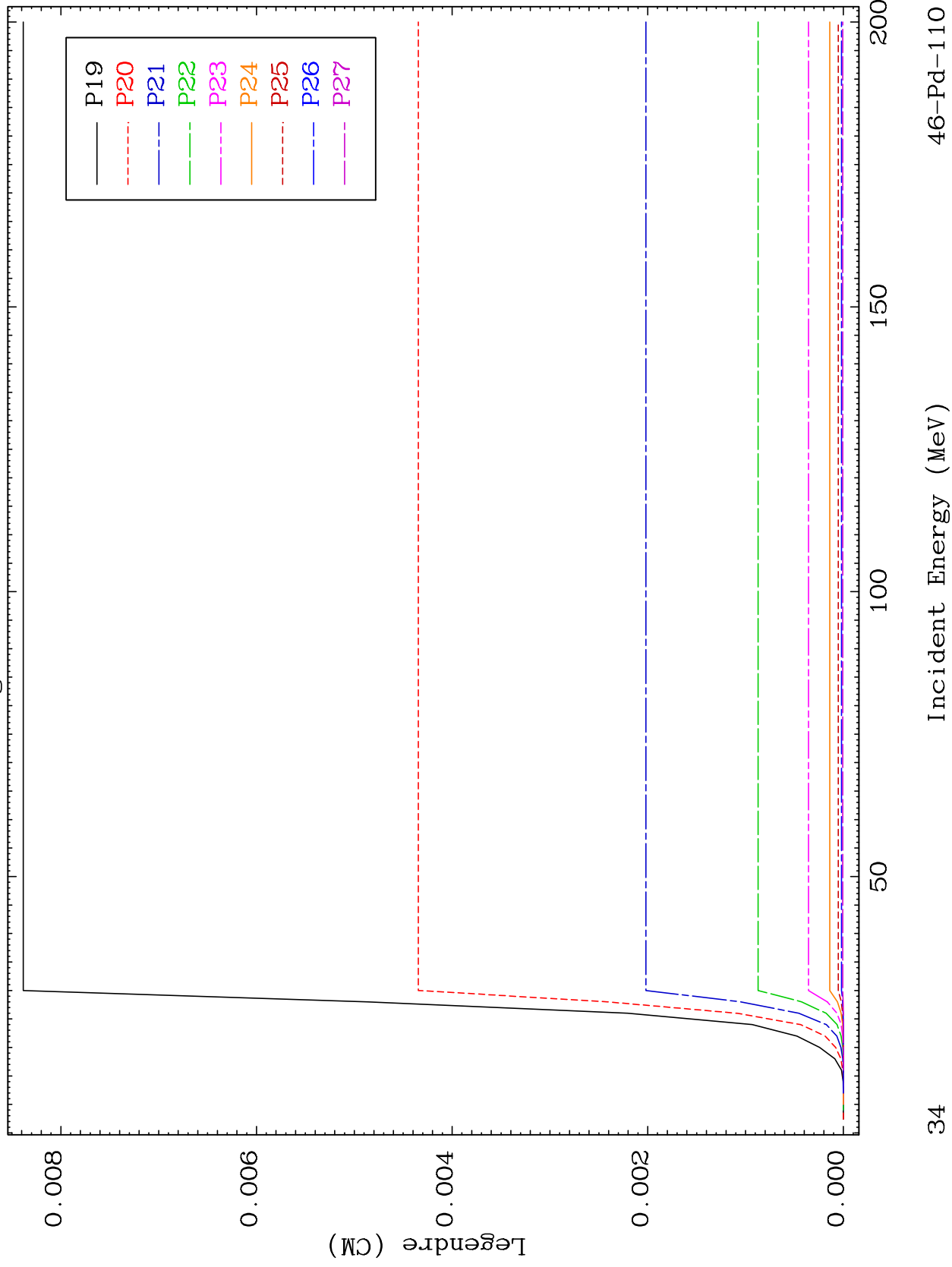
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



34

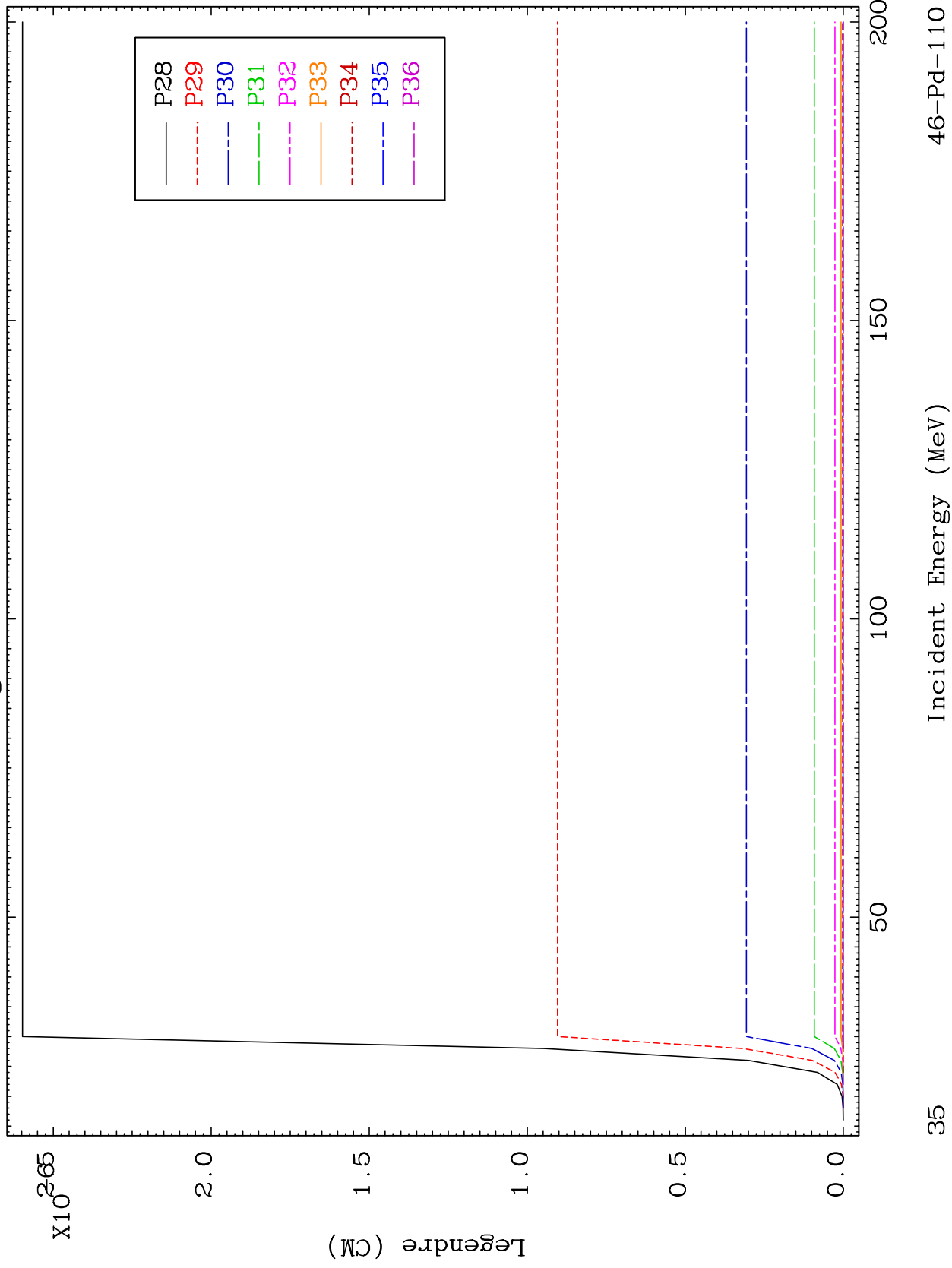
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



35

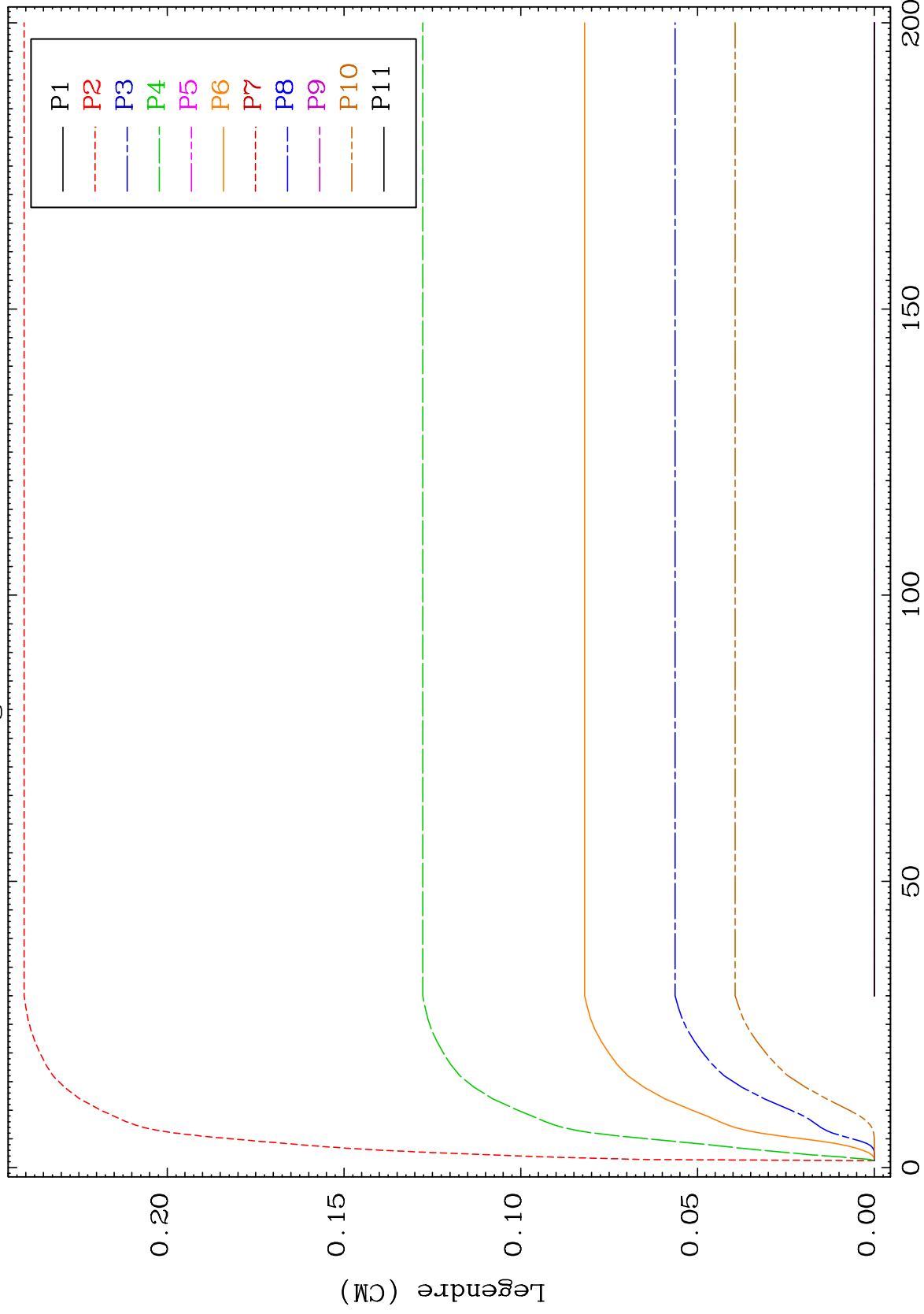
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



36

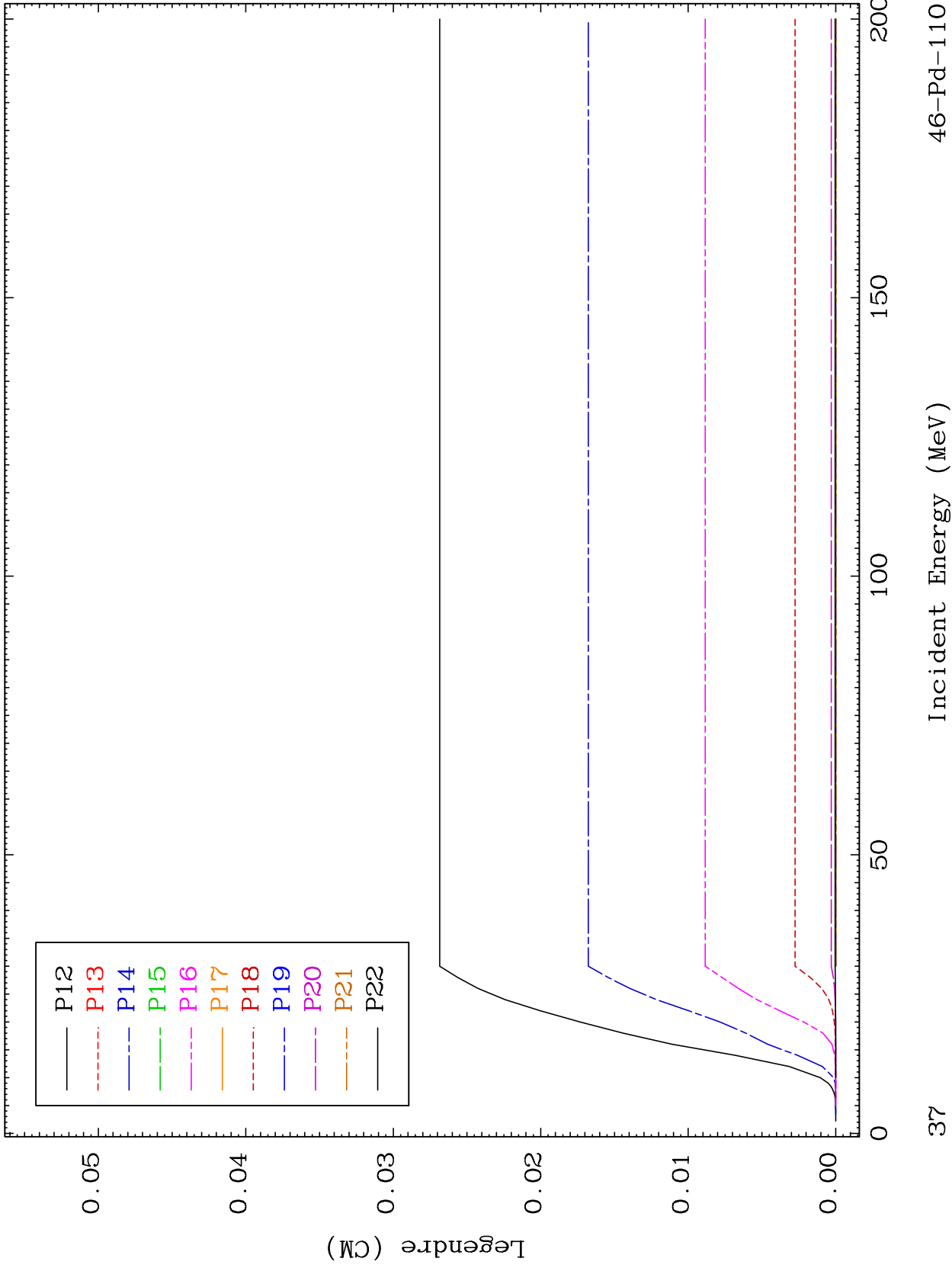
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

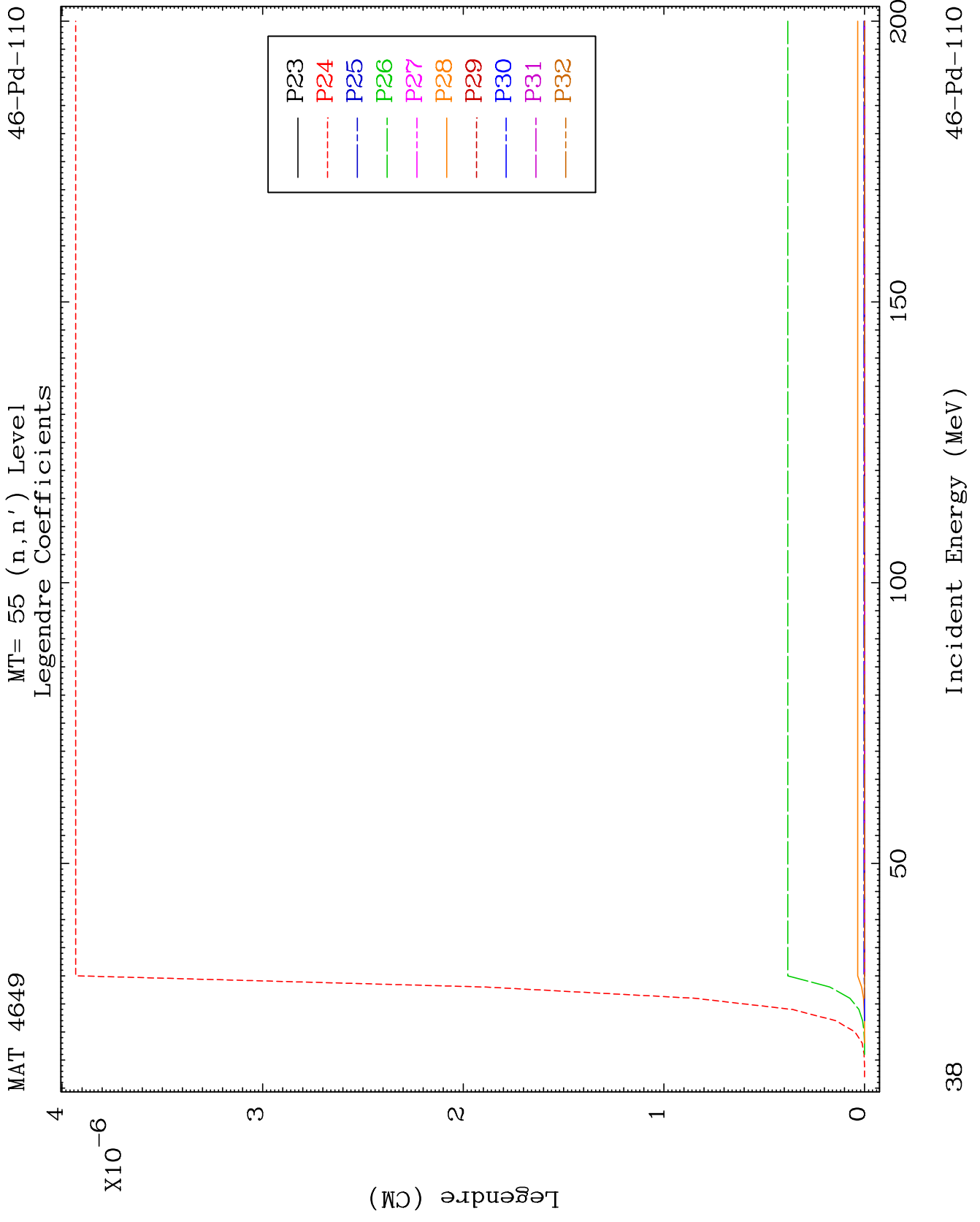
46-Pd-110



37

Incident Energy (MeV)

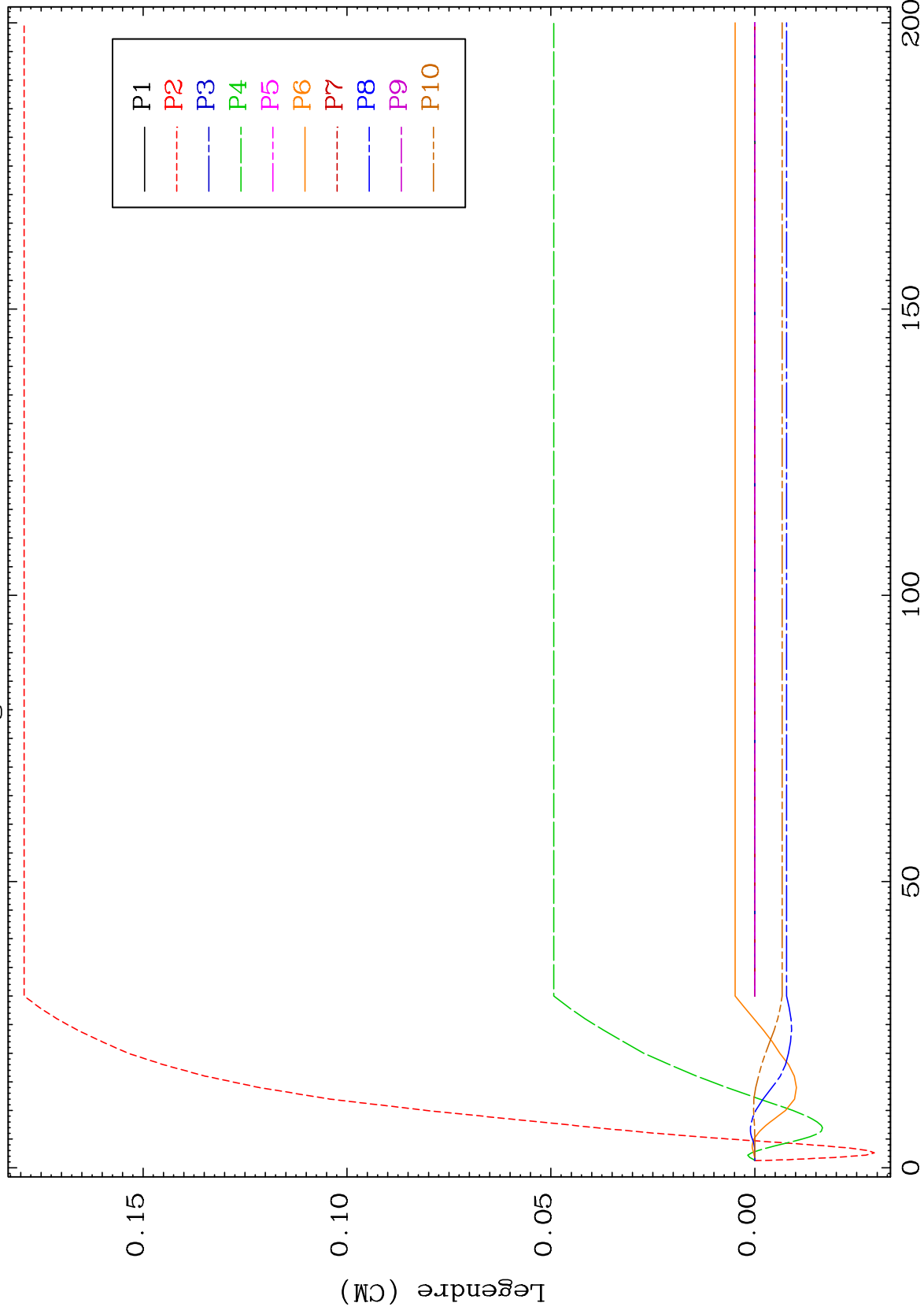
46-Pd-110



MAT 4649

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

46-Pd-110



39

Incident Energy (MeV)

46-Pd-110

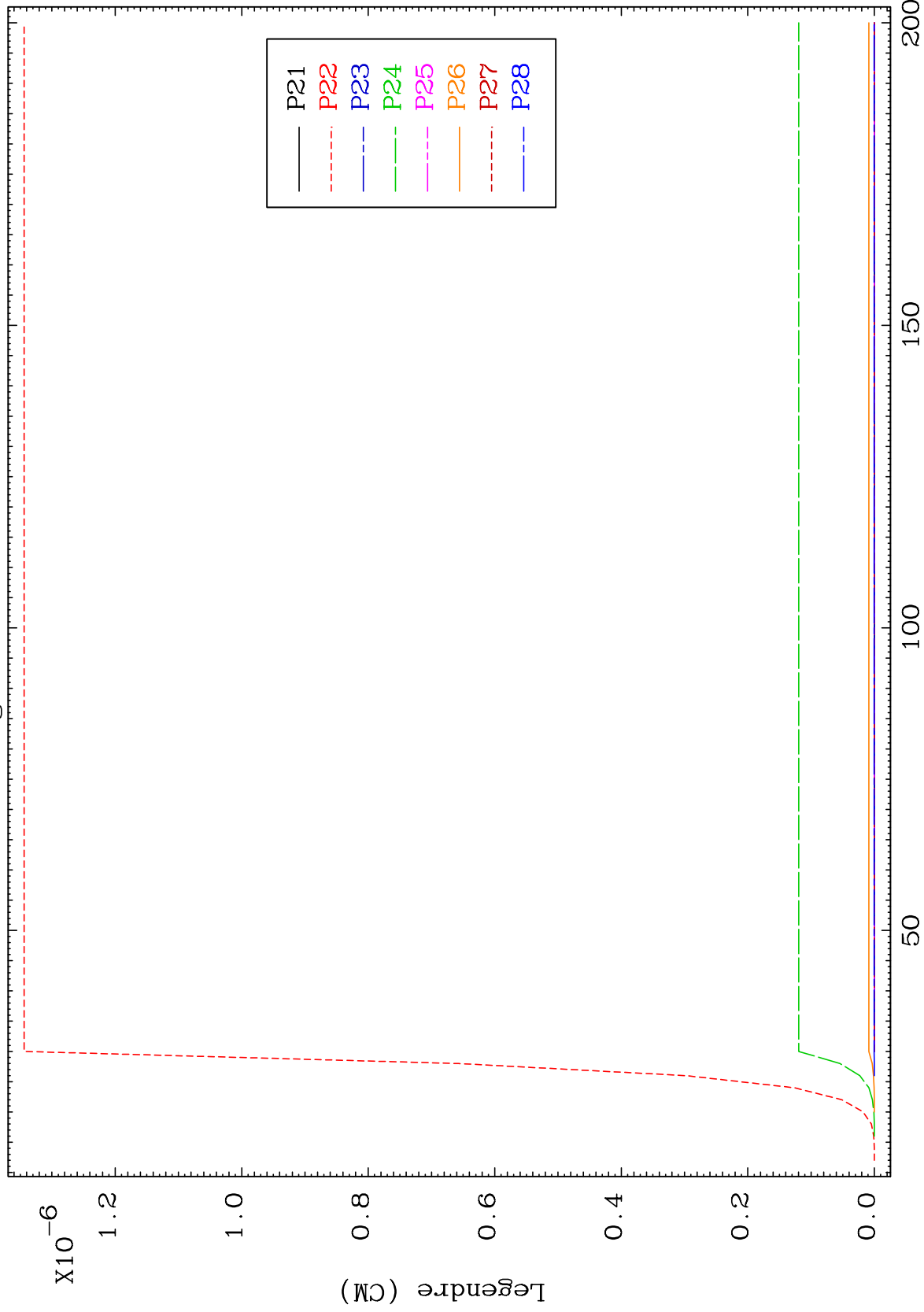




MAT 4649

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

46-Pd-110



41

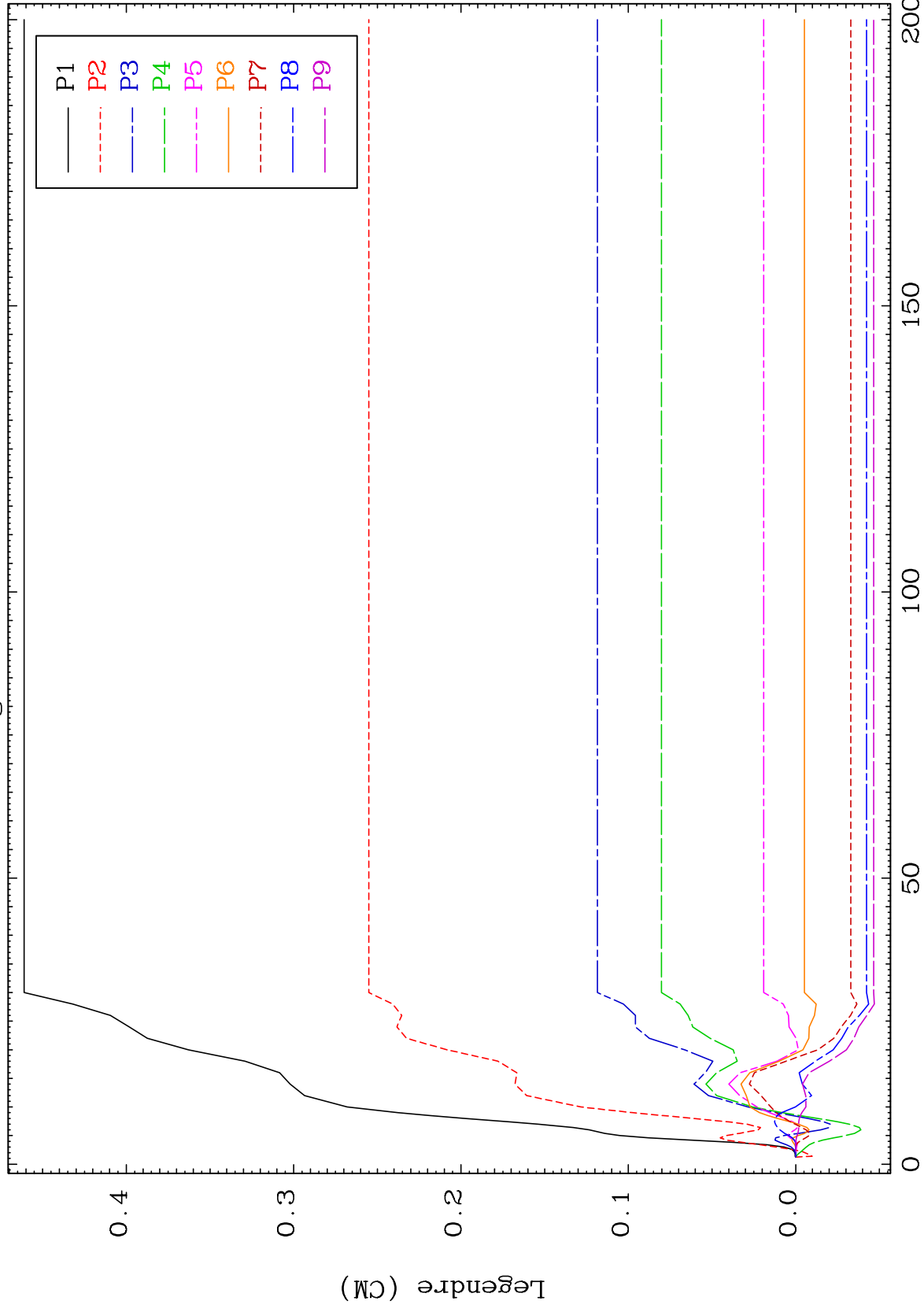
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



42

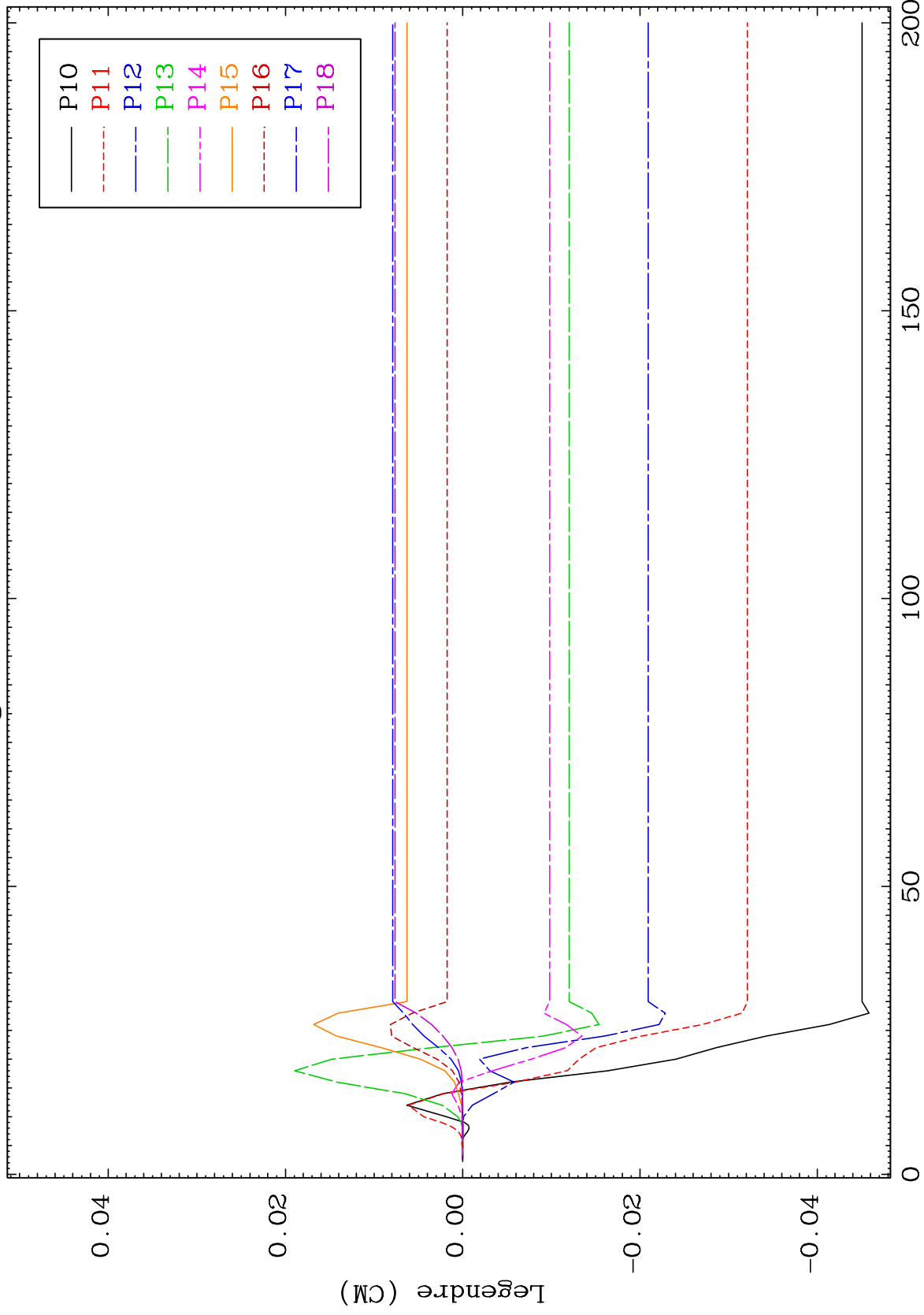
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



43

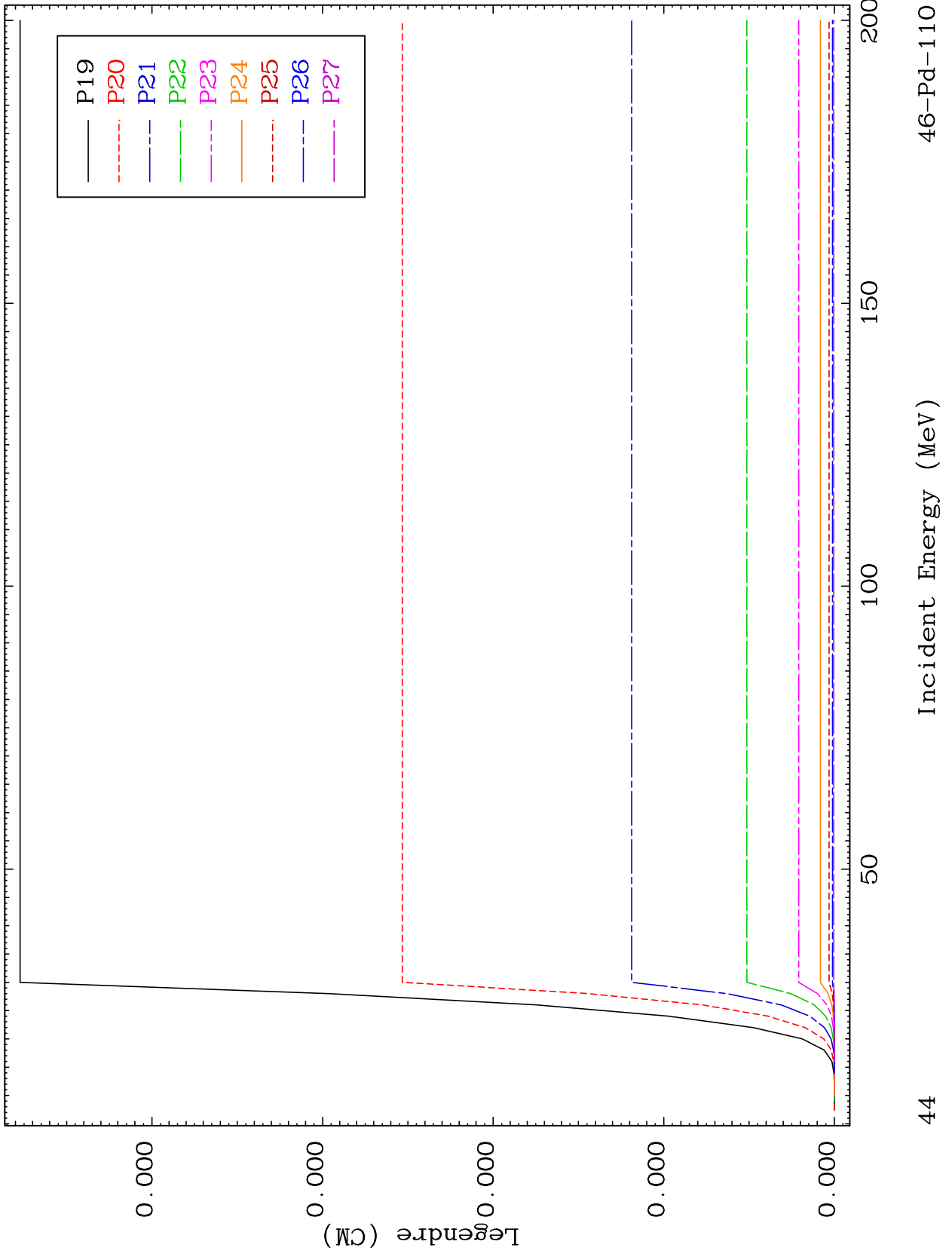
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



44

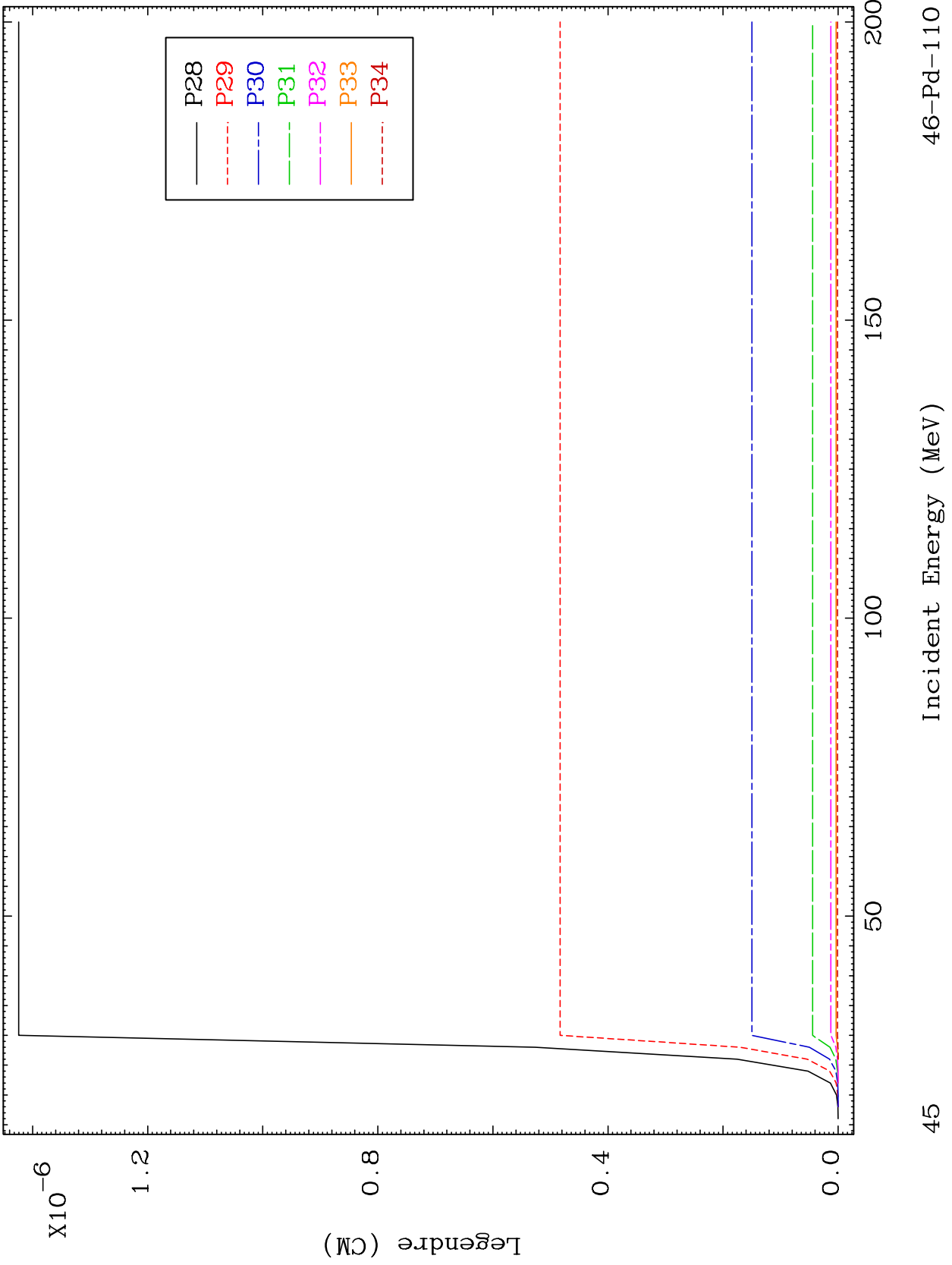
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



45

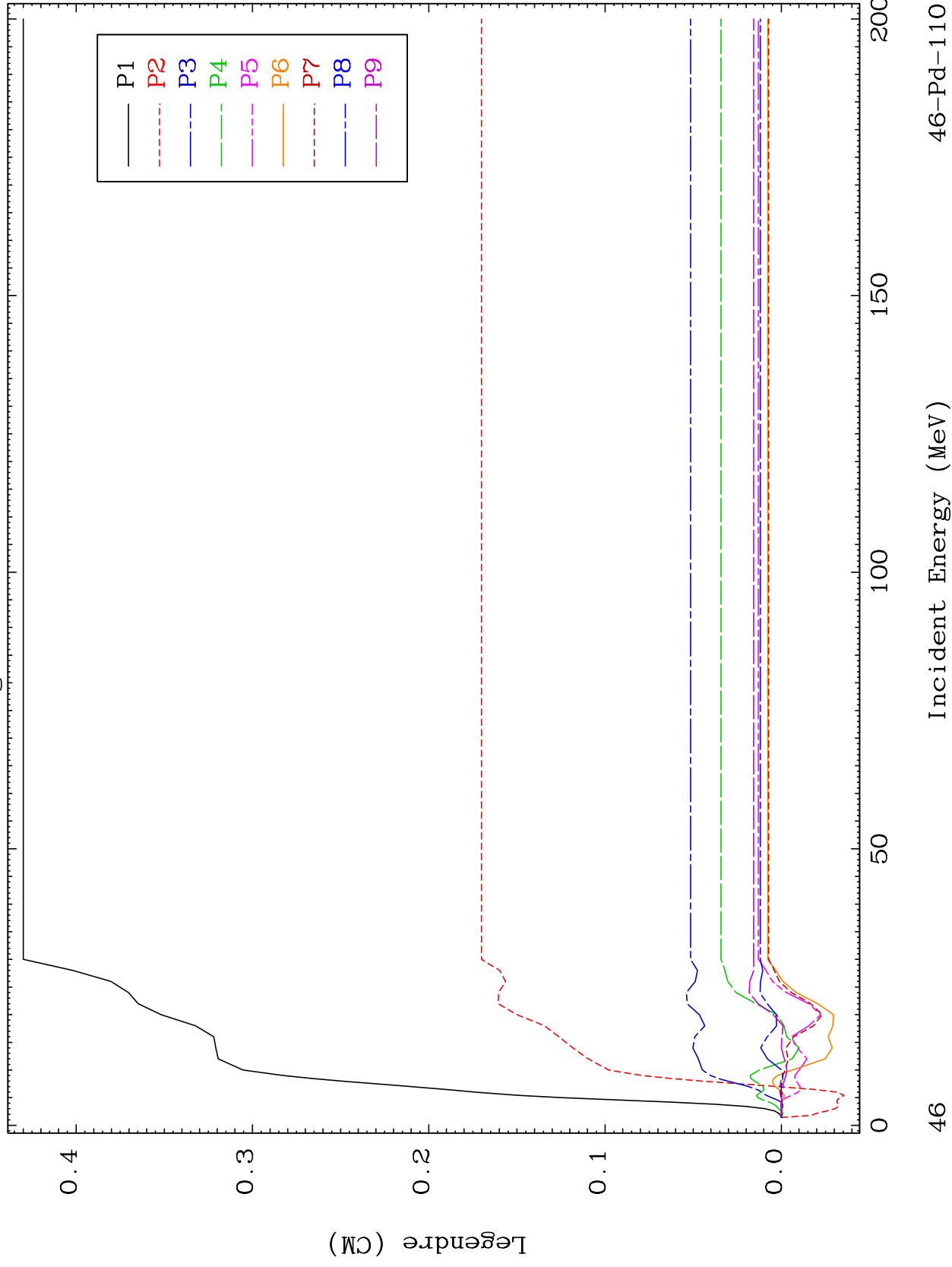
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



46-Pd-110

Incident Energy (MeV)

46

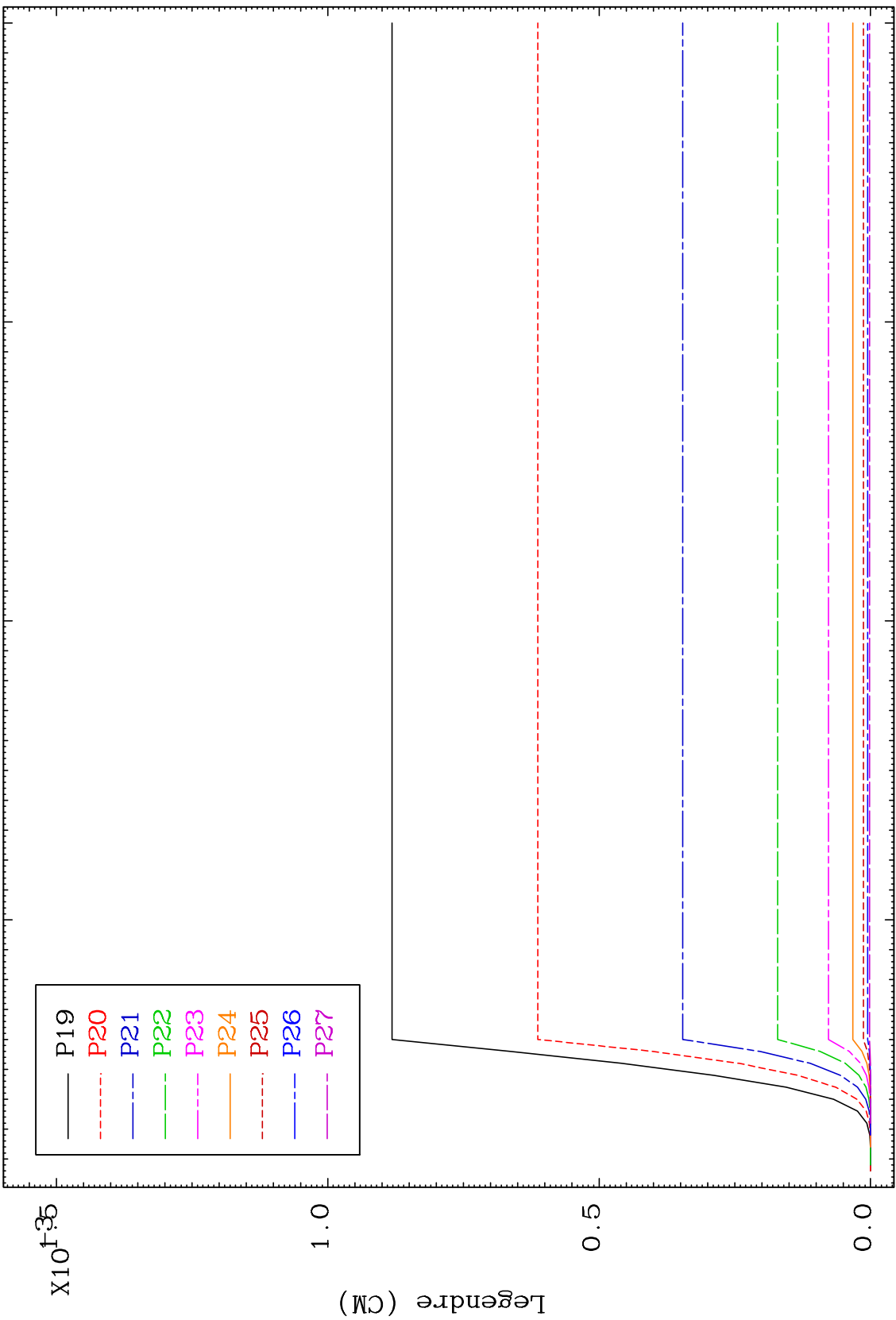
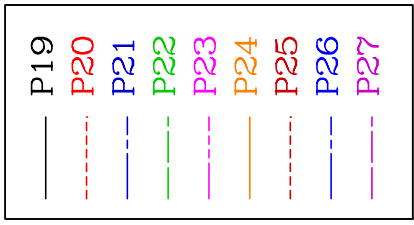




MAT 4649

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

46-Pd-110



48

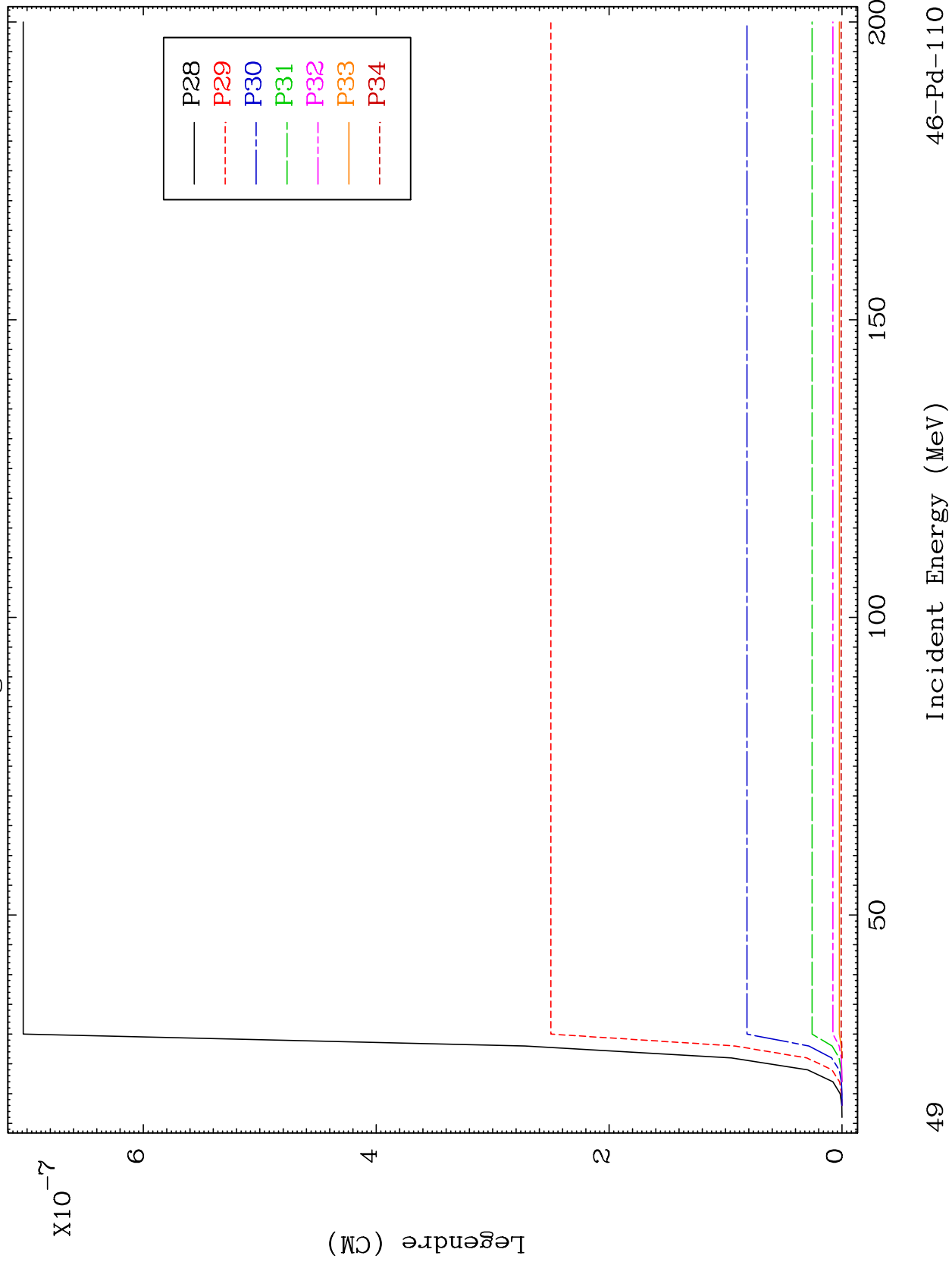
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



49

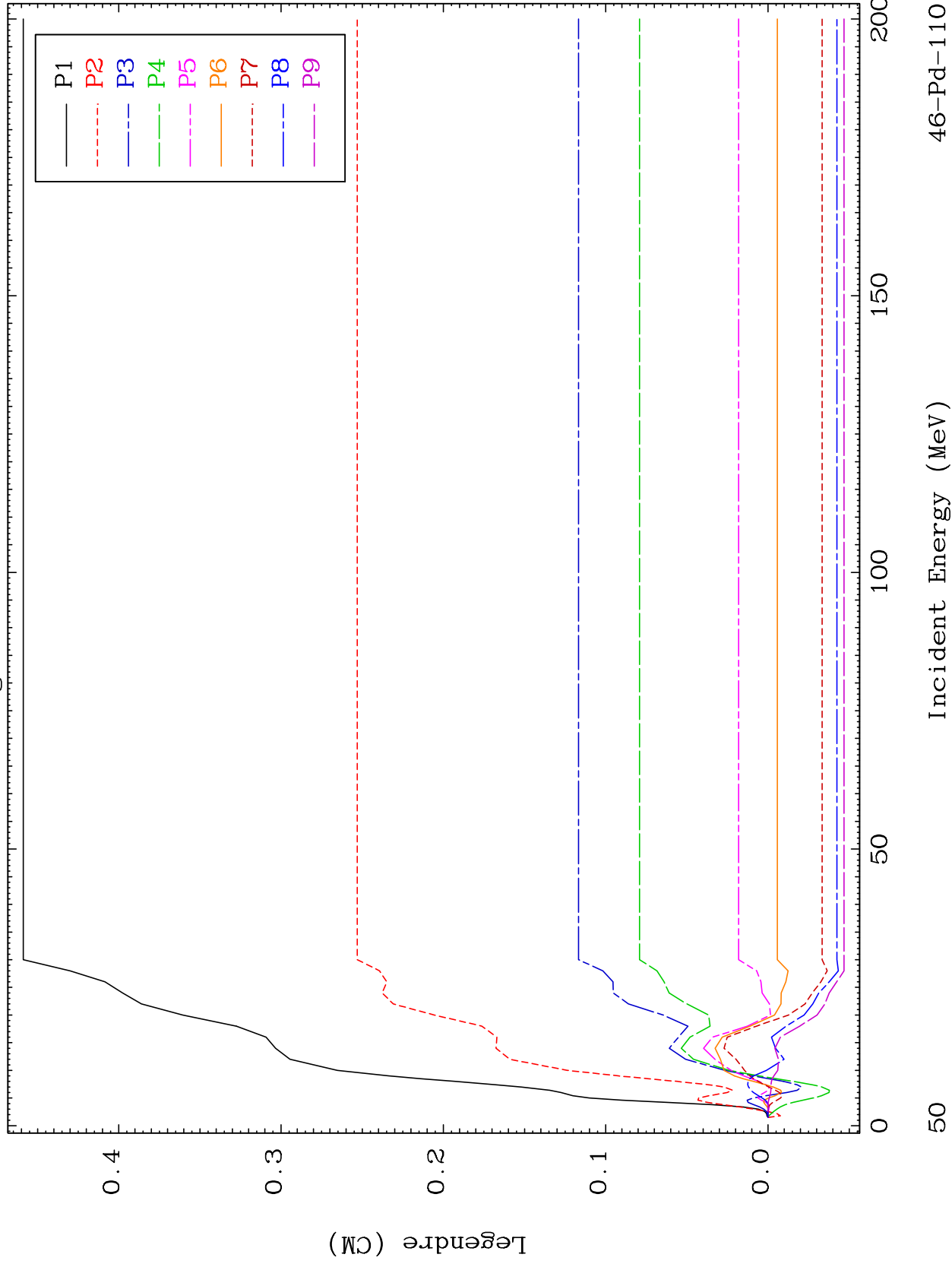
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

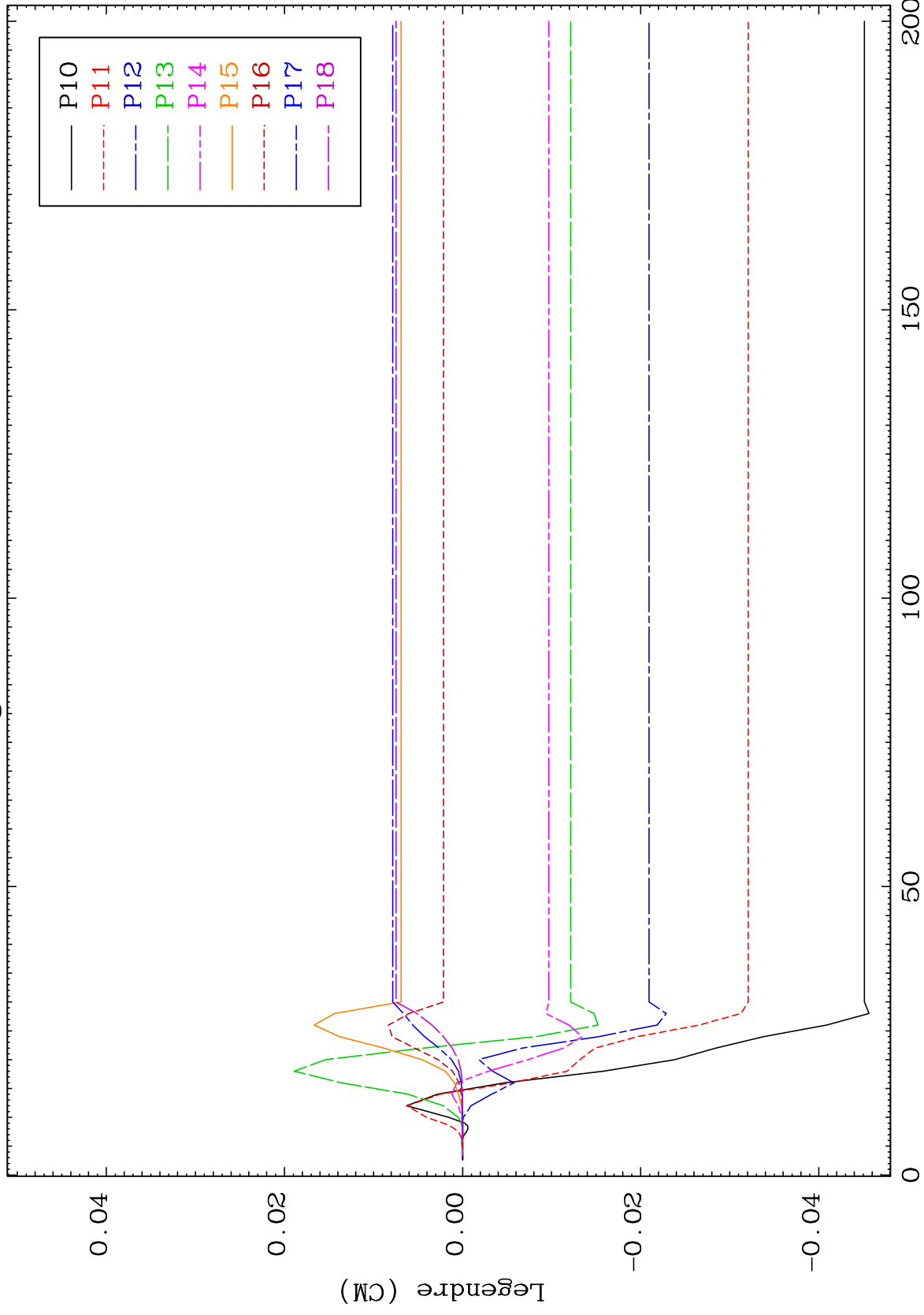
46-Pd-110



MAT 4649

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

46-Pd-110



51

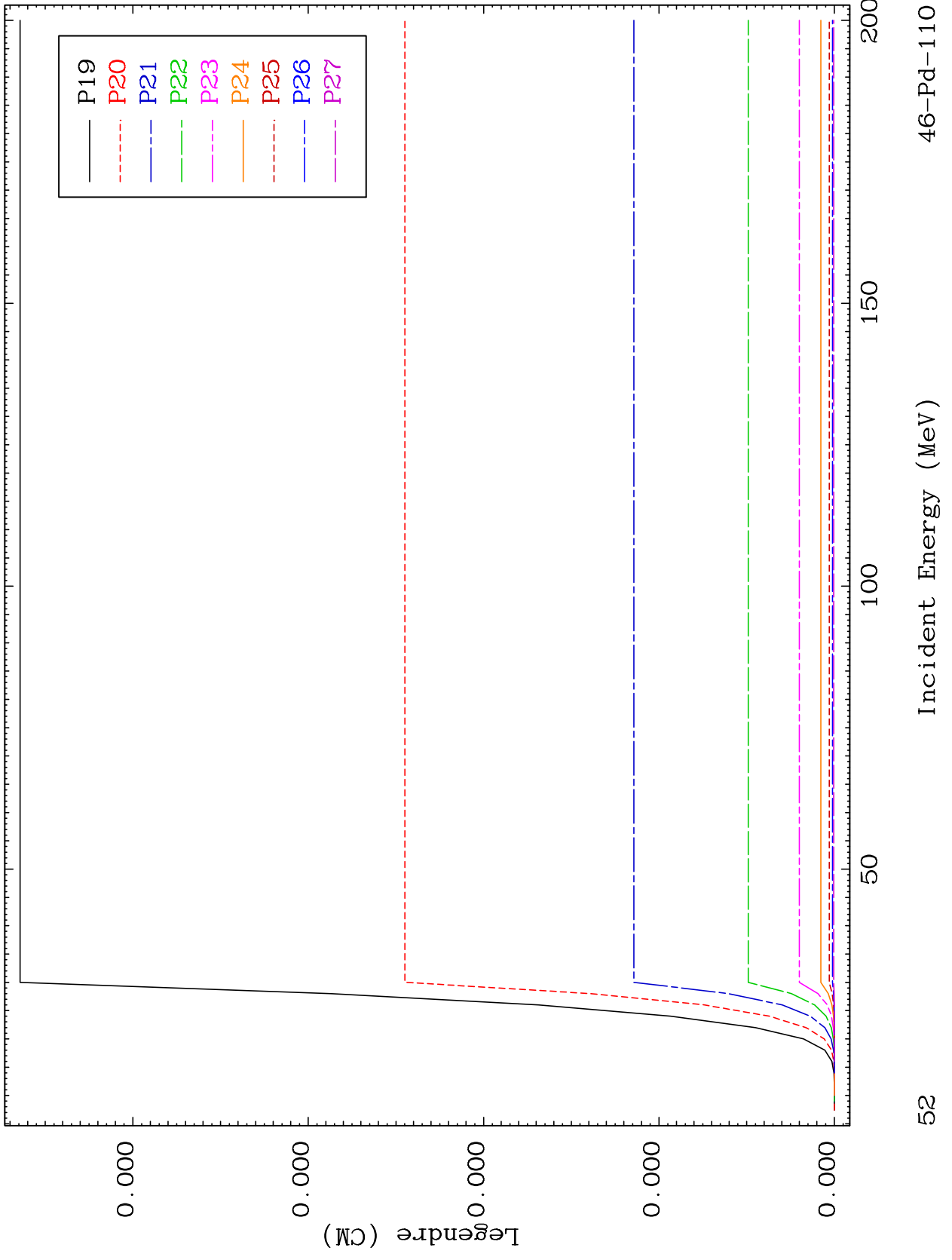
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



52

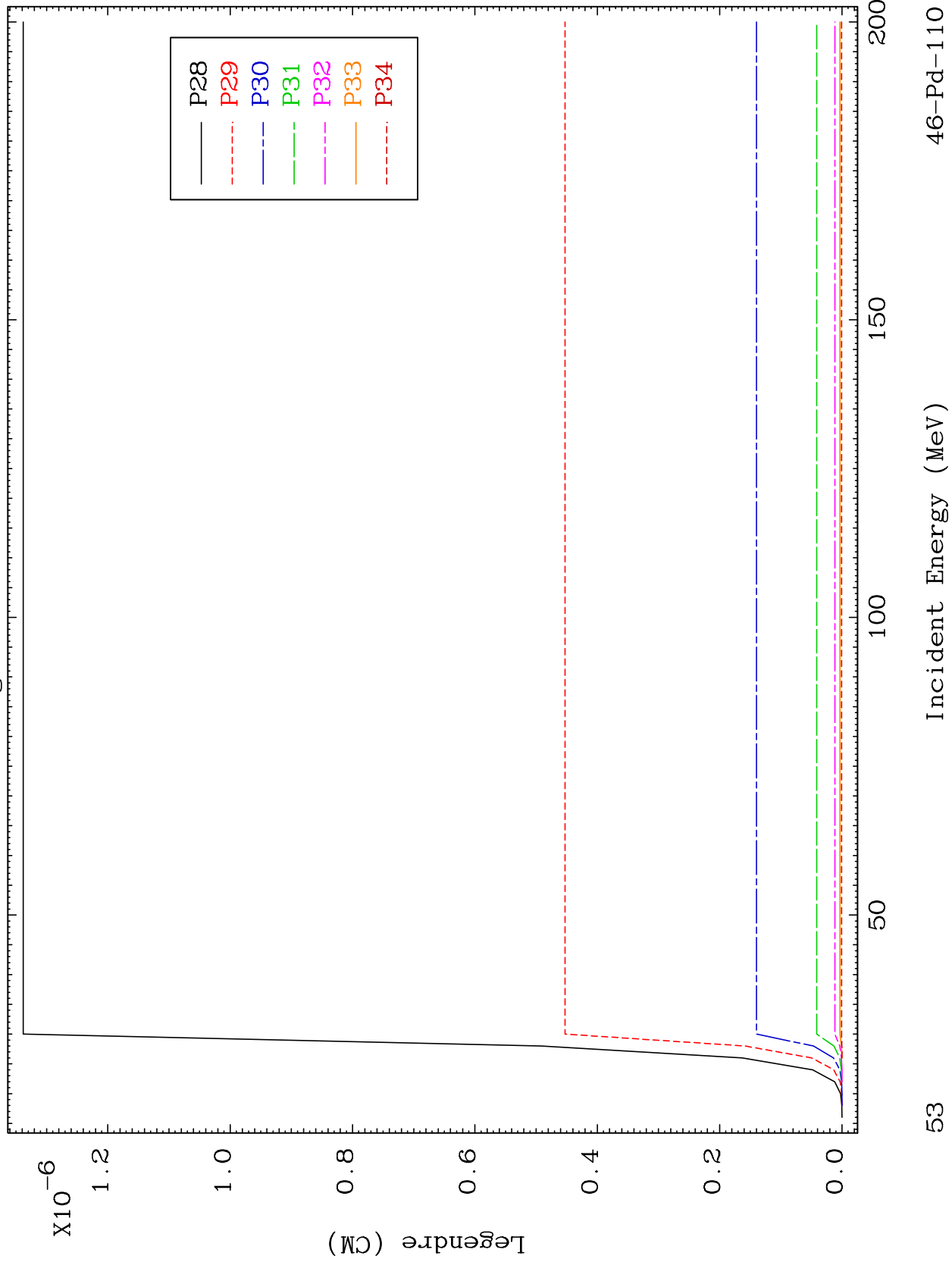
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



53

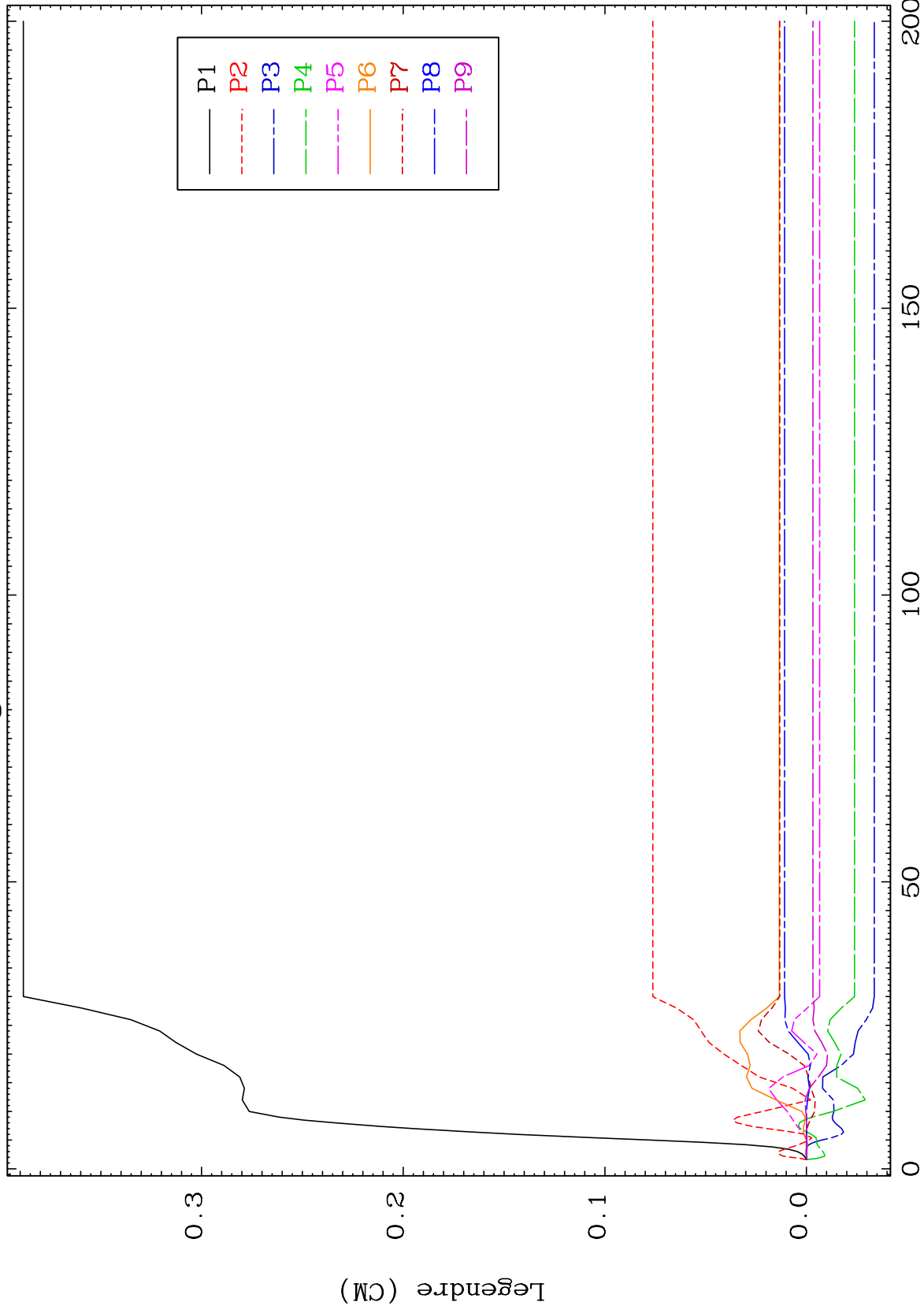
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



54

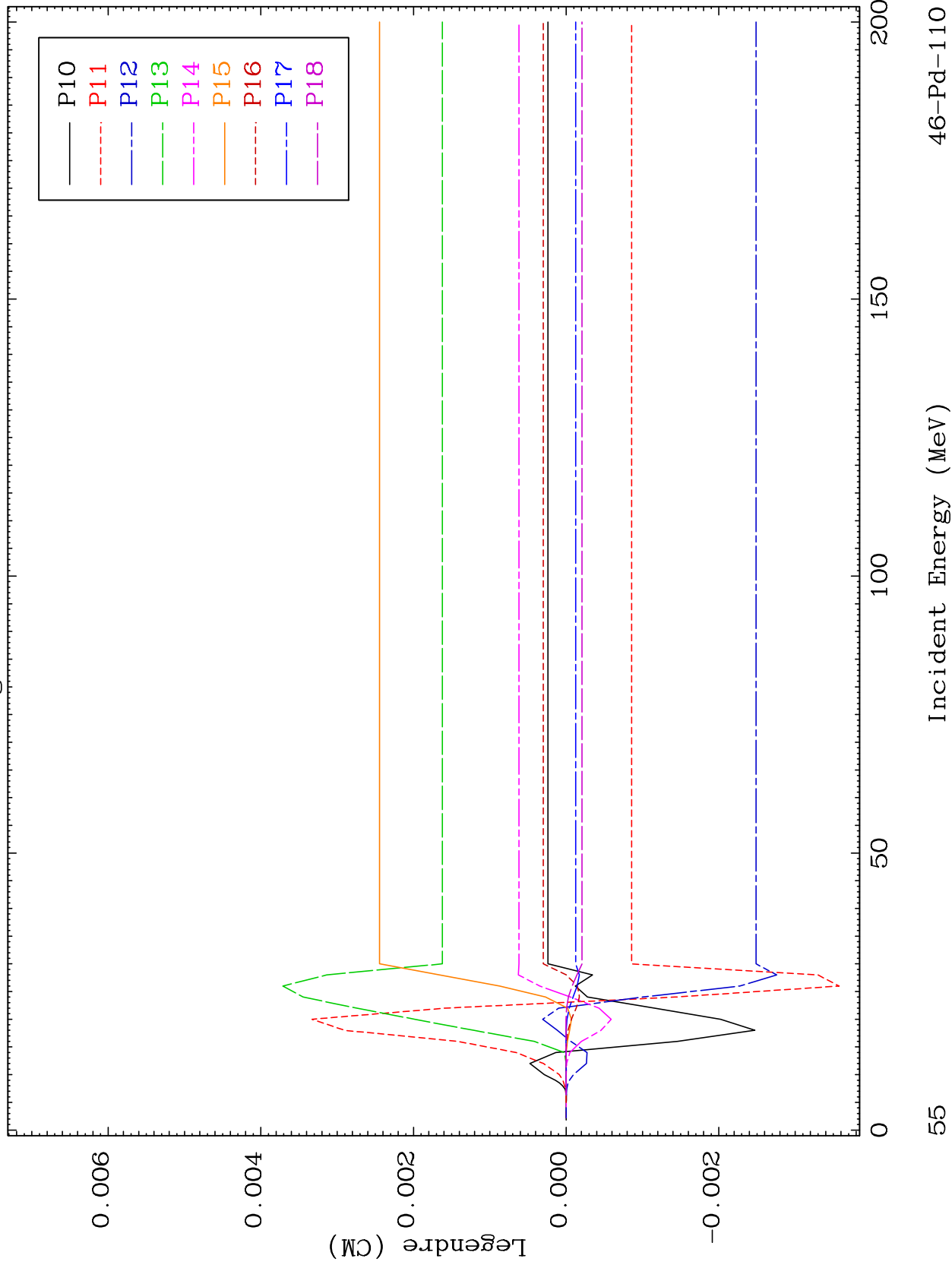
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



46-Pd-110

Incident Energy (MeV)

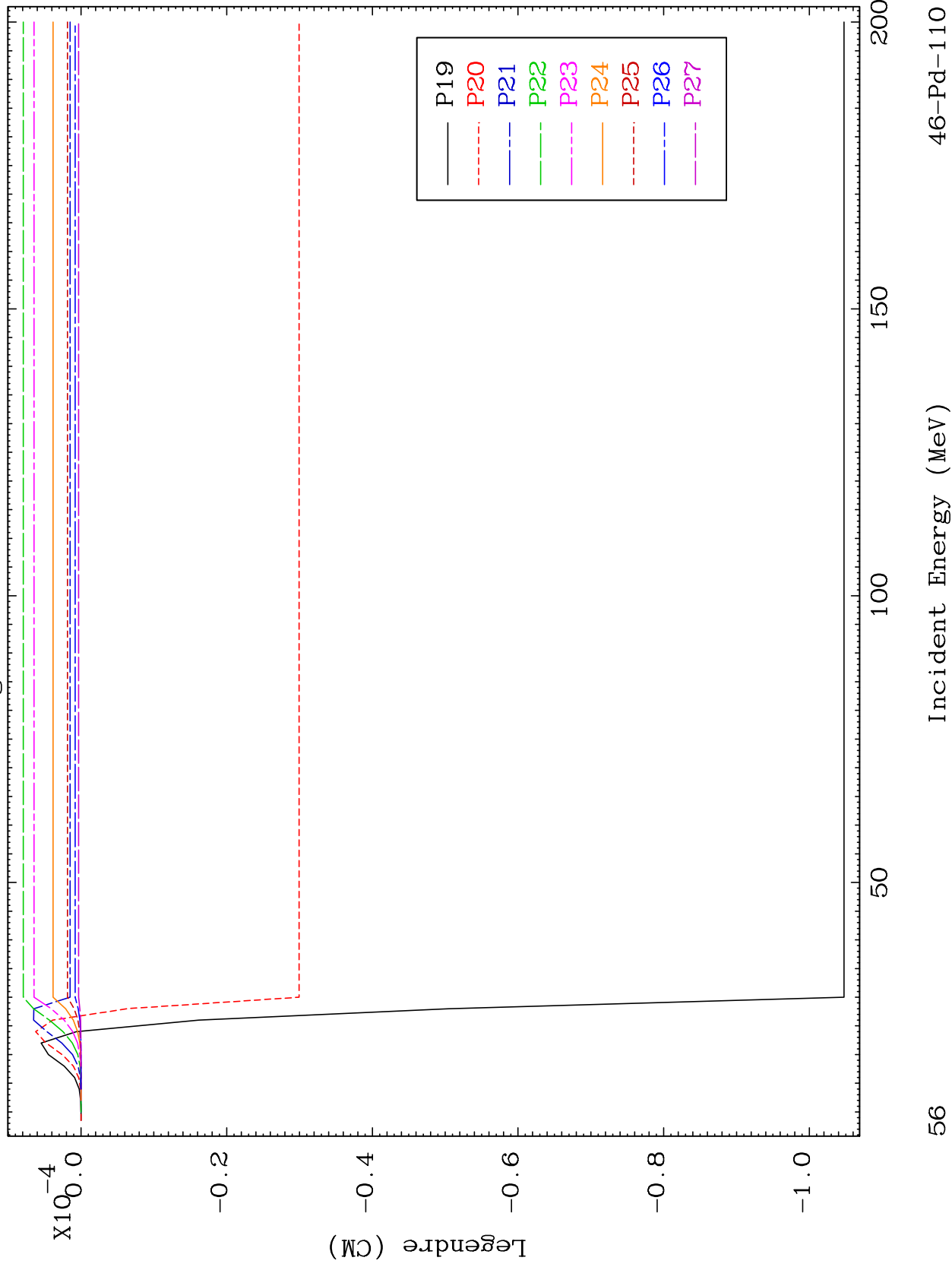
55



MAT 4649

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

46-Pd-110



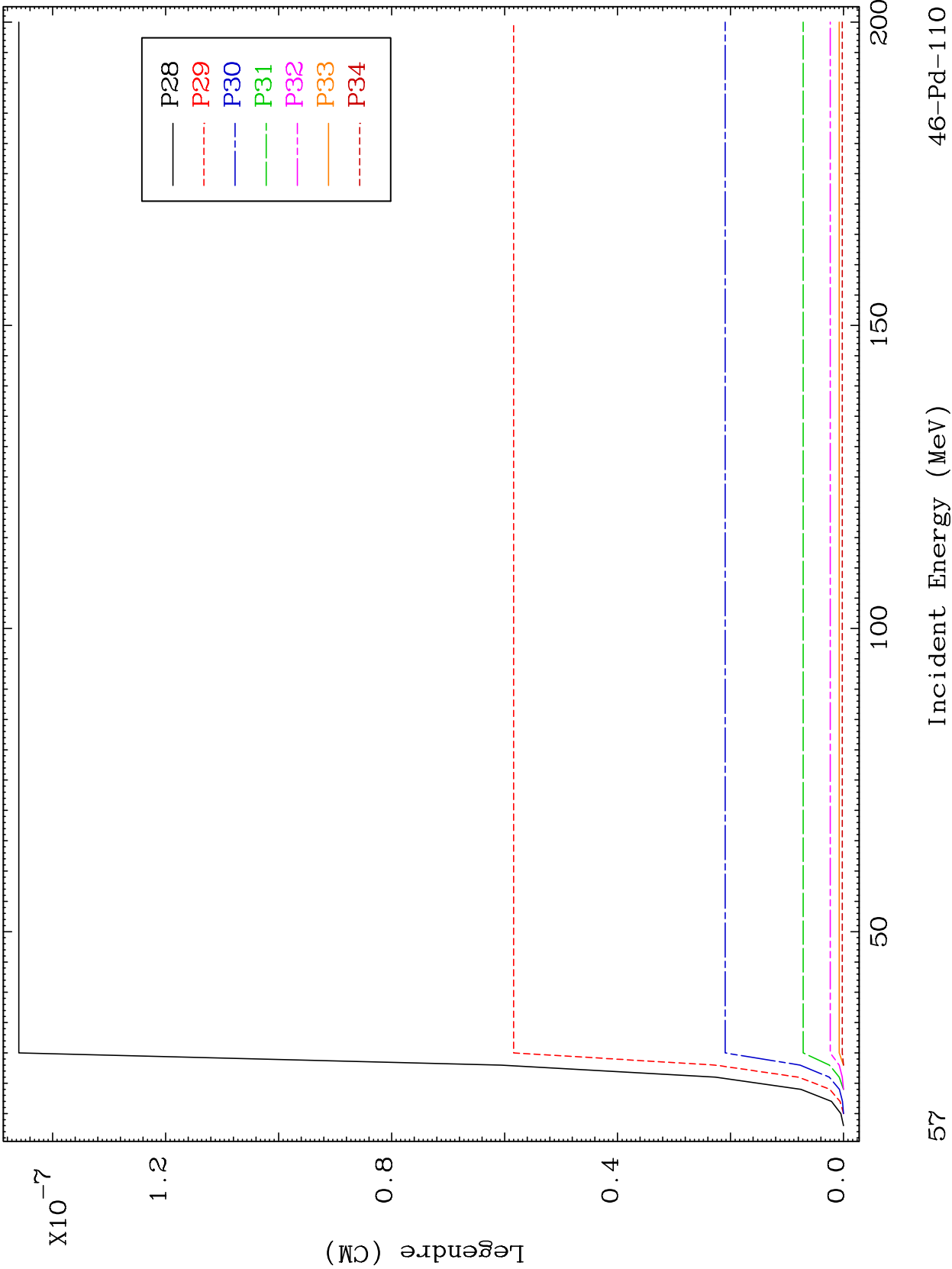
56

46-Pd-110

MAT 4649

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

46-Pd-110



57

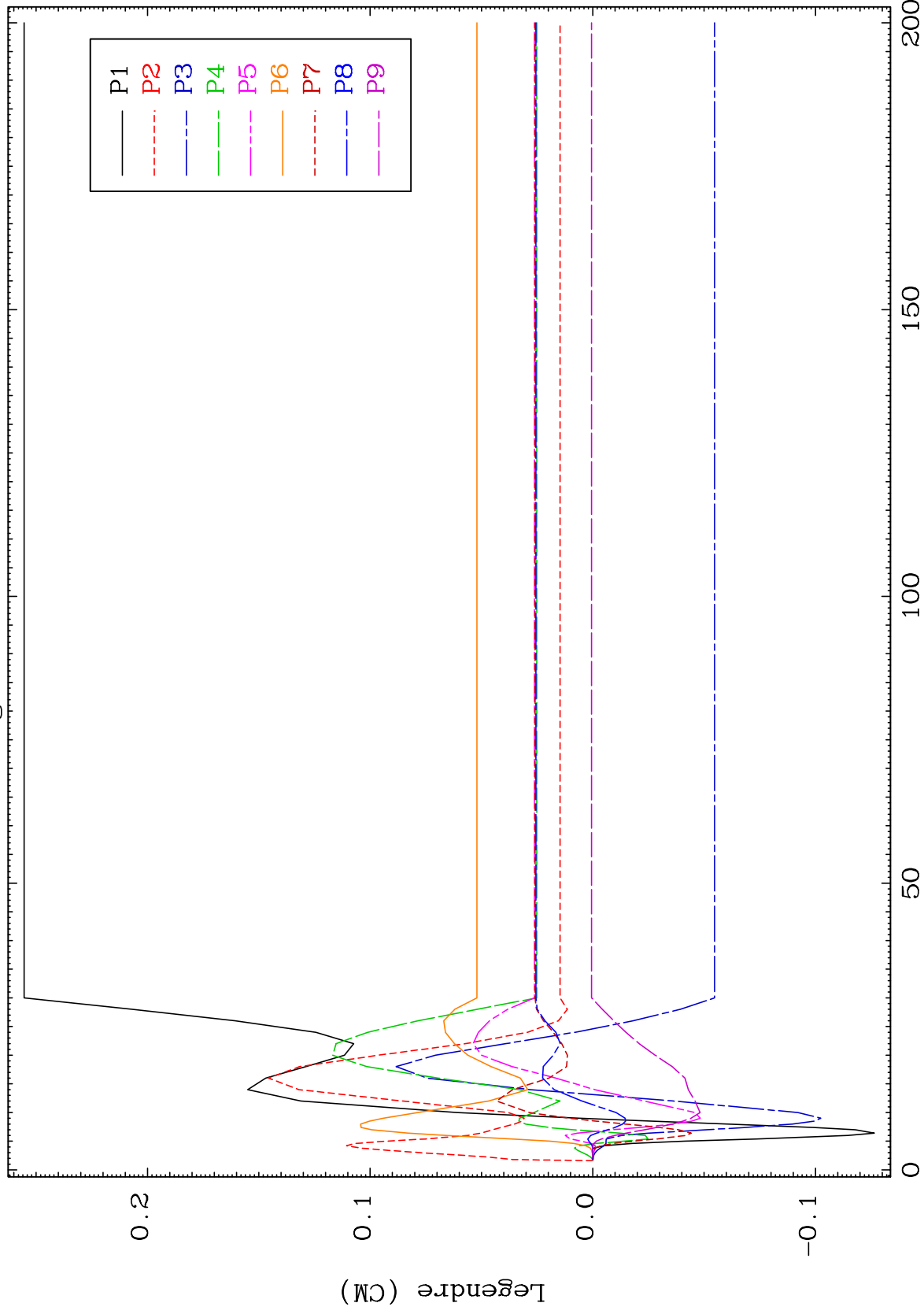
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



46-Pd-110

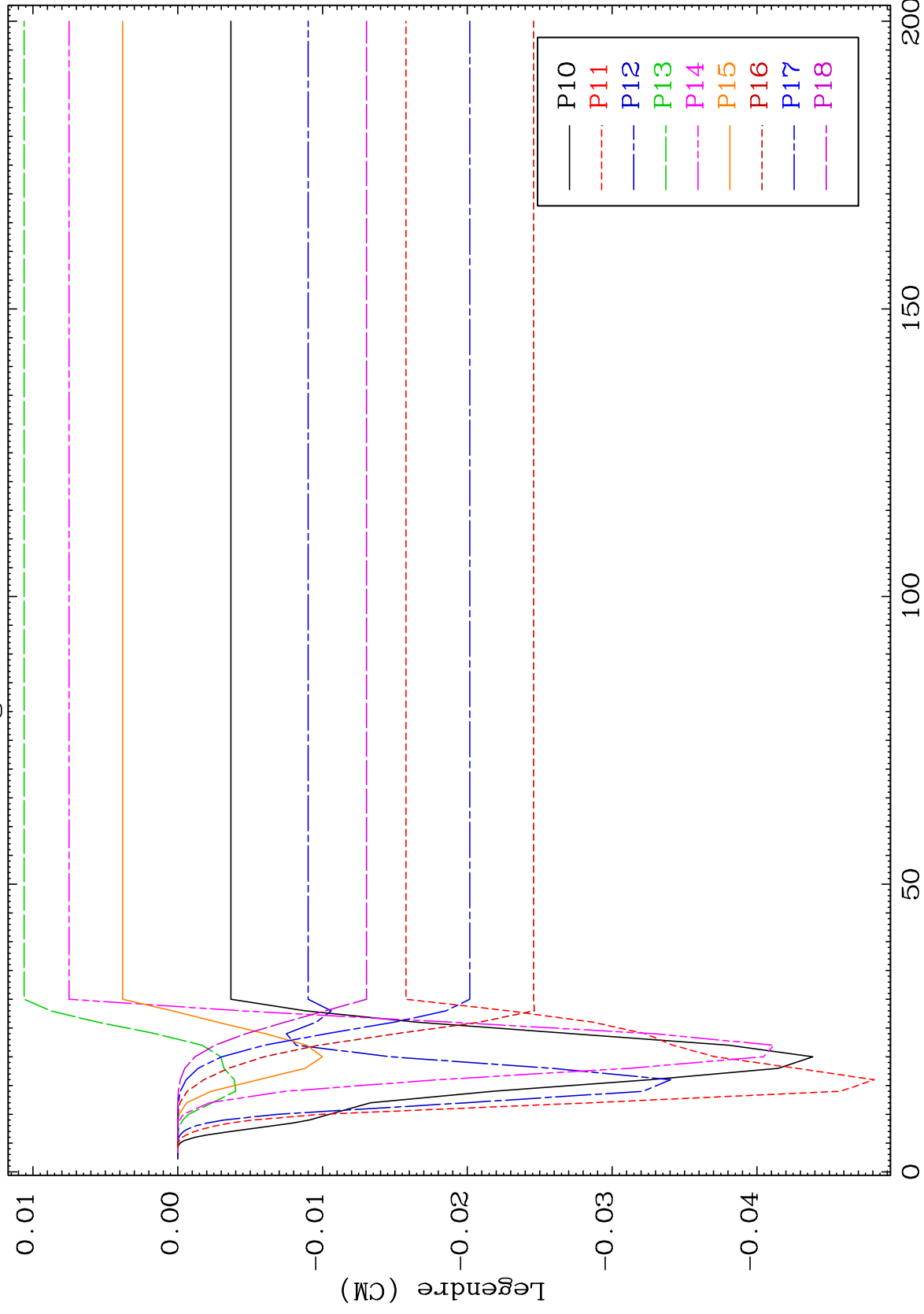
Incident Energy (MeV)

58

MAT 4649

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

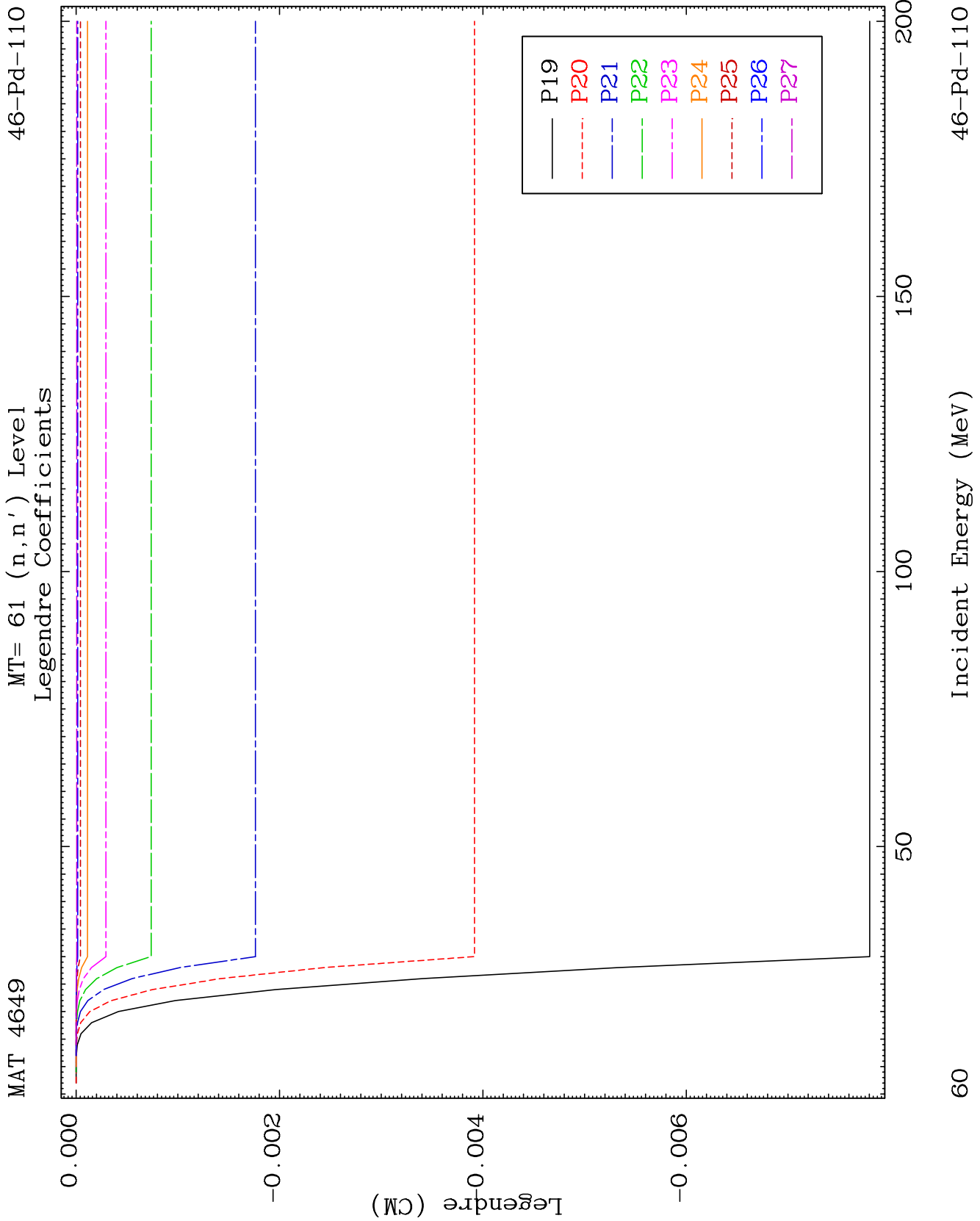
46-Pd-110

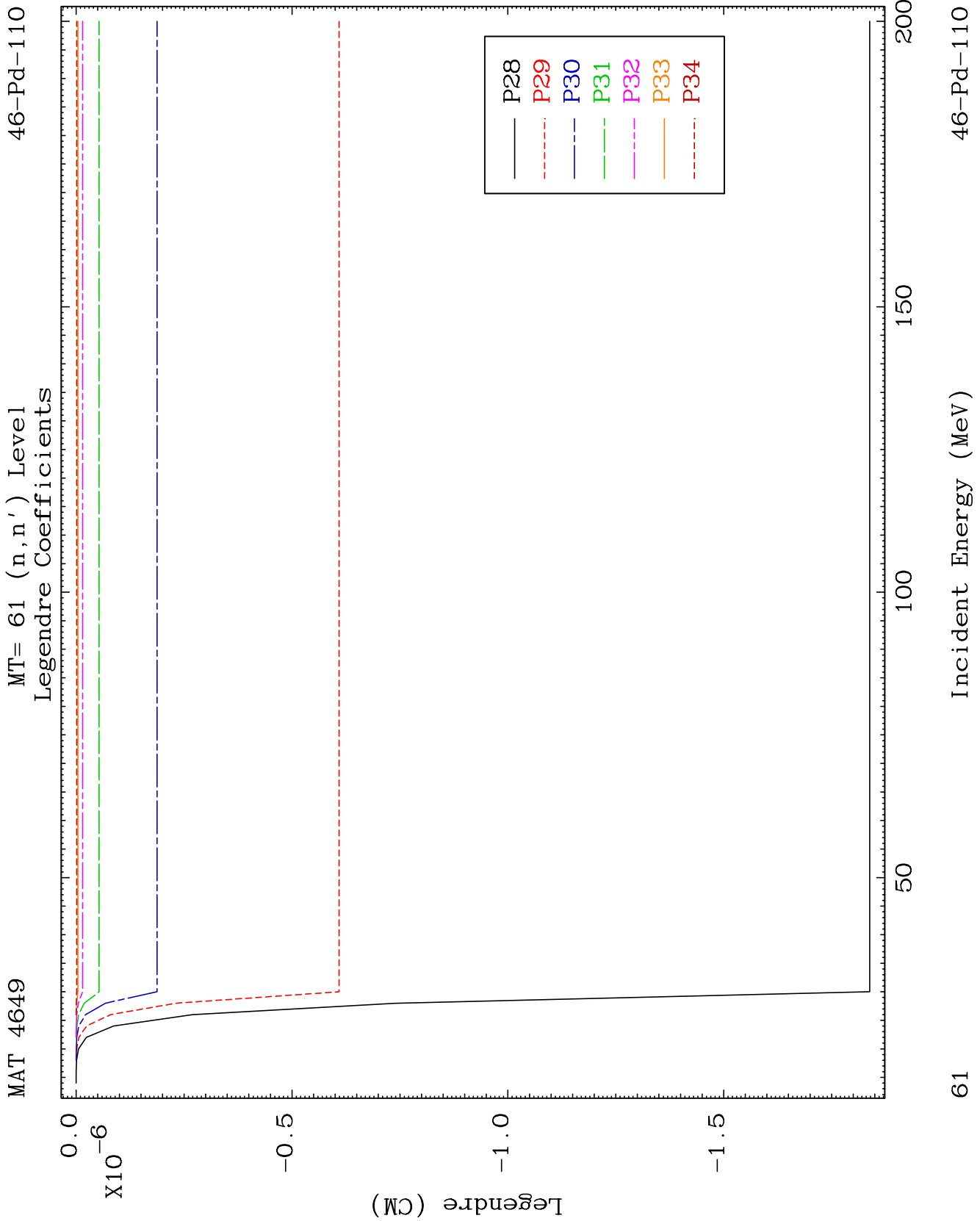


59

Incident Energy (MeV)

46-Pd-110

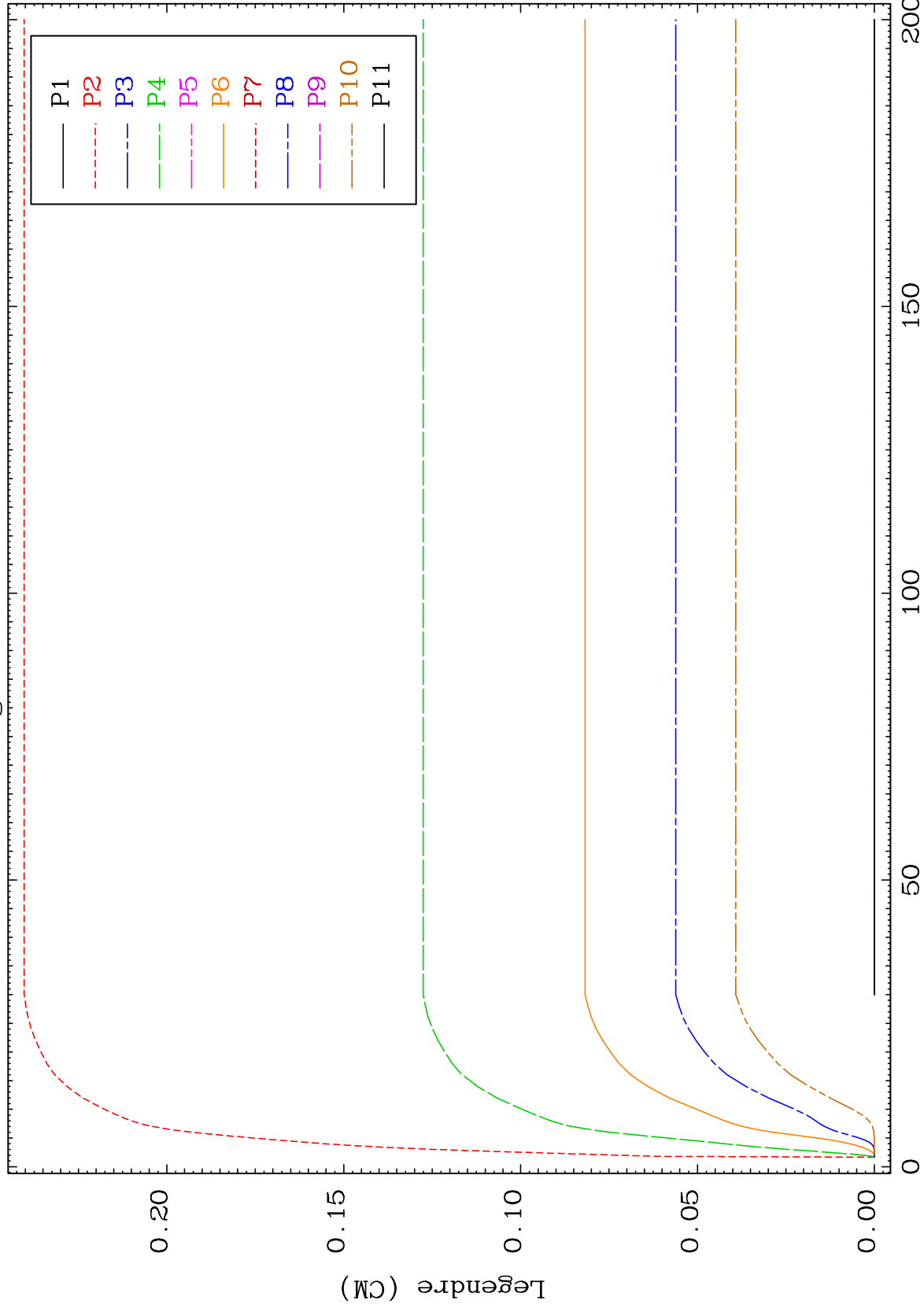




MAT 4649

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

46-Pd-110



62

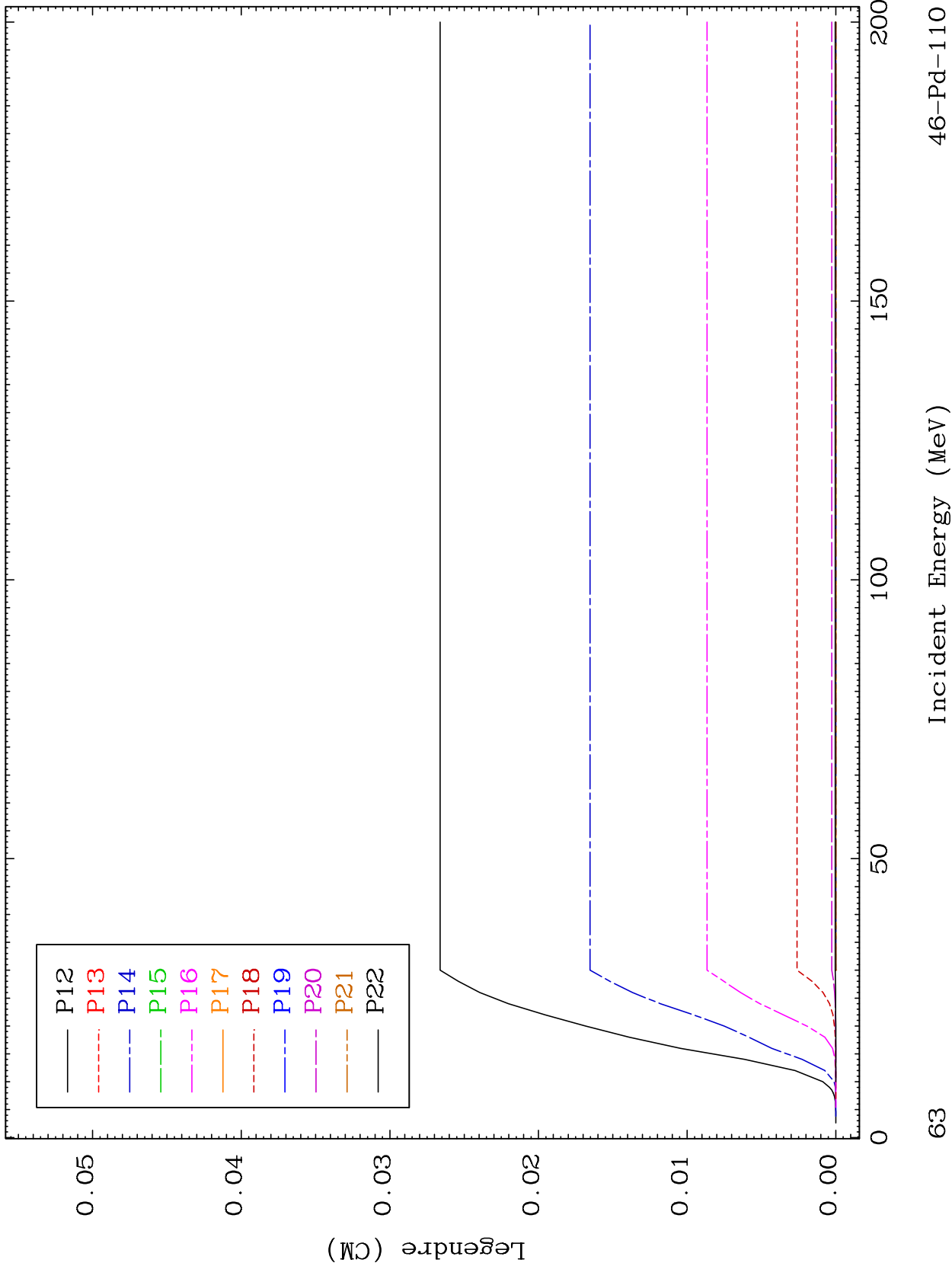
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



63

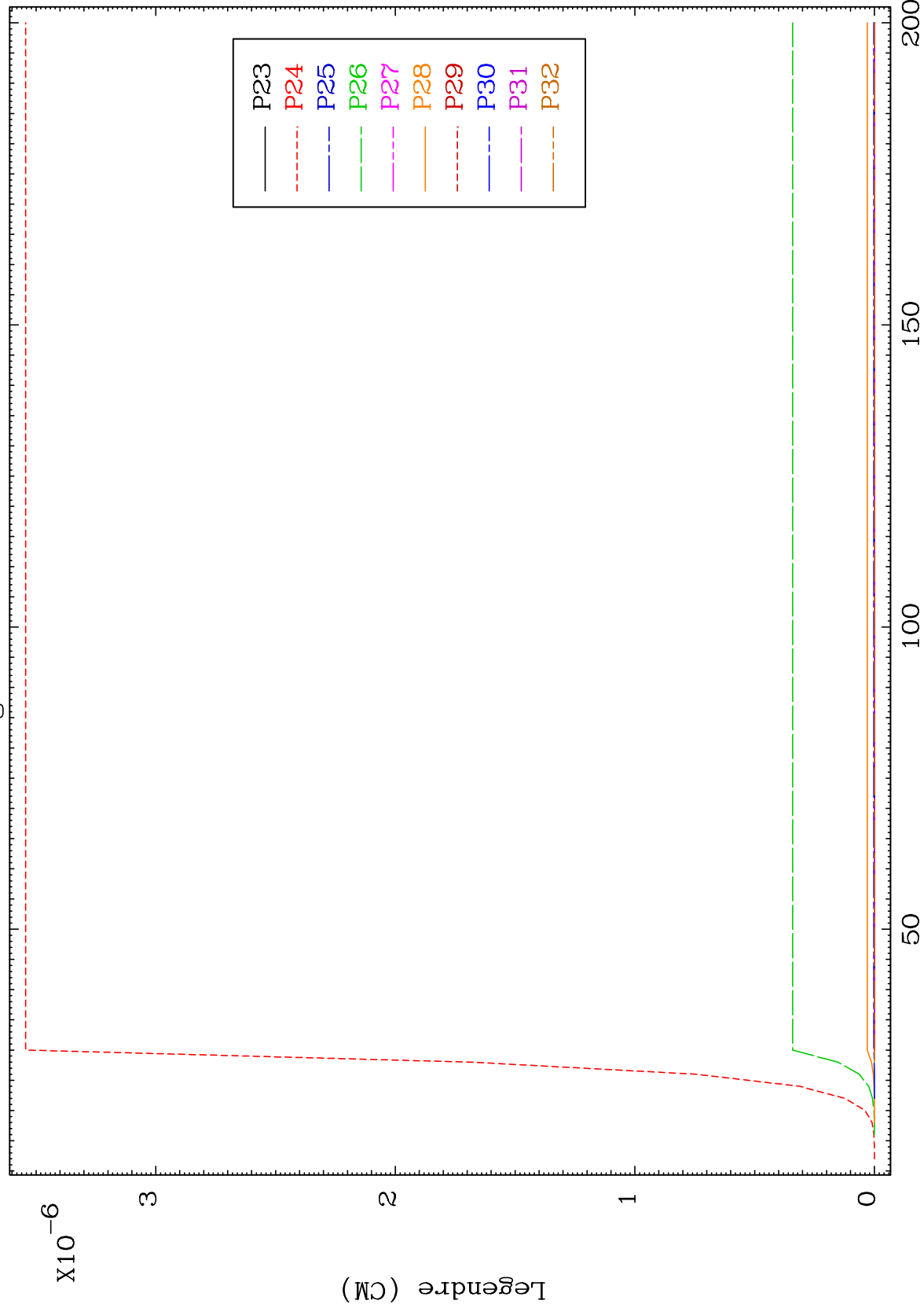
46-Pd-110



MAT 4649

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

46-Pd-110



64

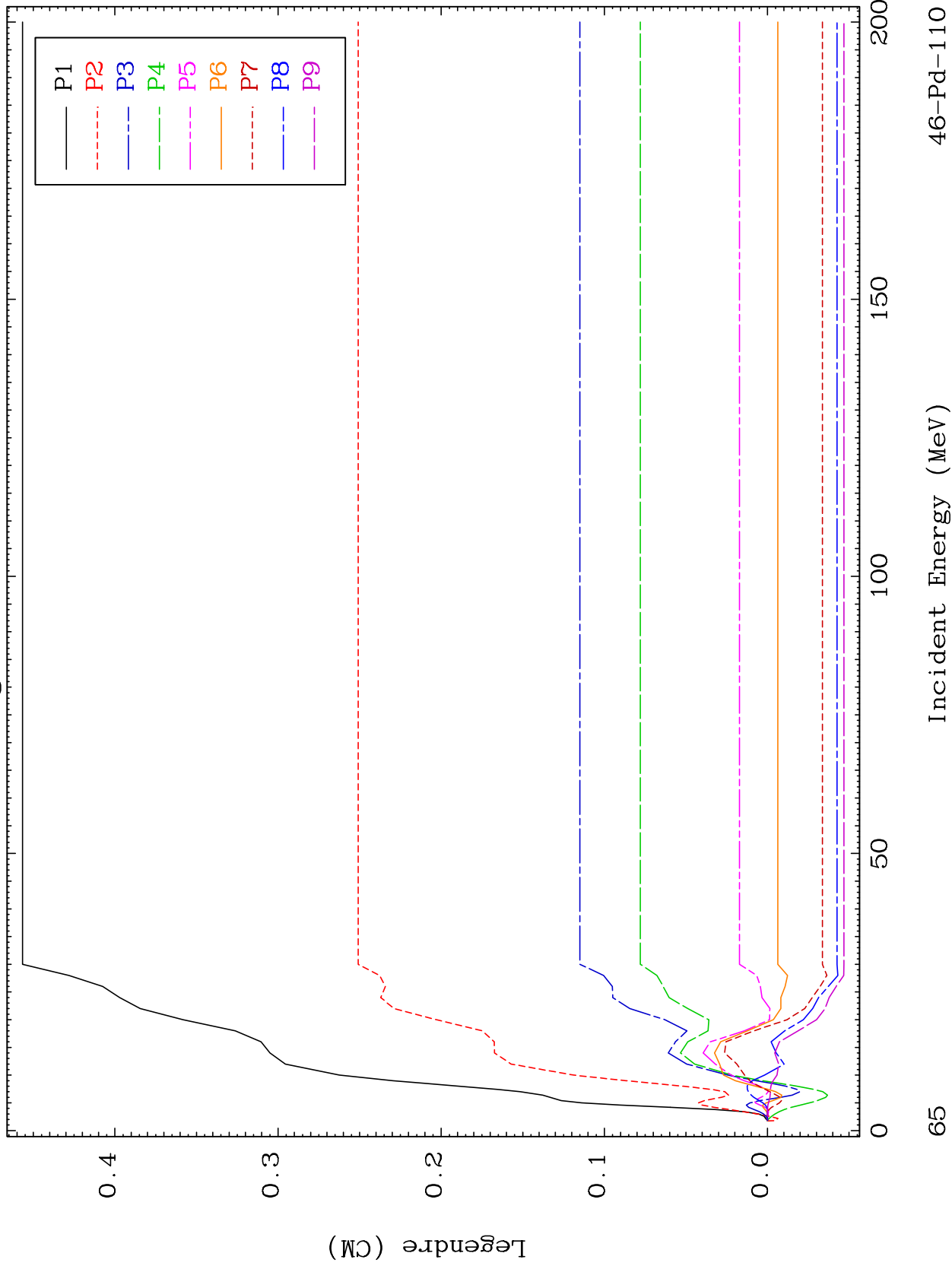
Incident Energy (MeV)

46-Pd-110

MAT 4649

MT= 63 (n,n') Level  
Legendre Coefficients

46-Pd-110



46-Pd-110

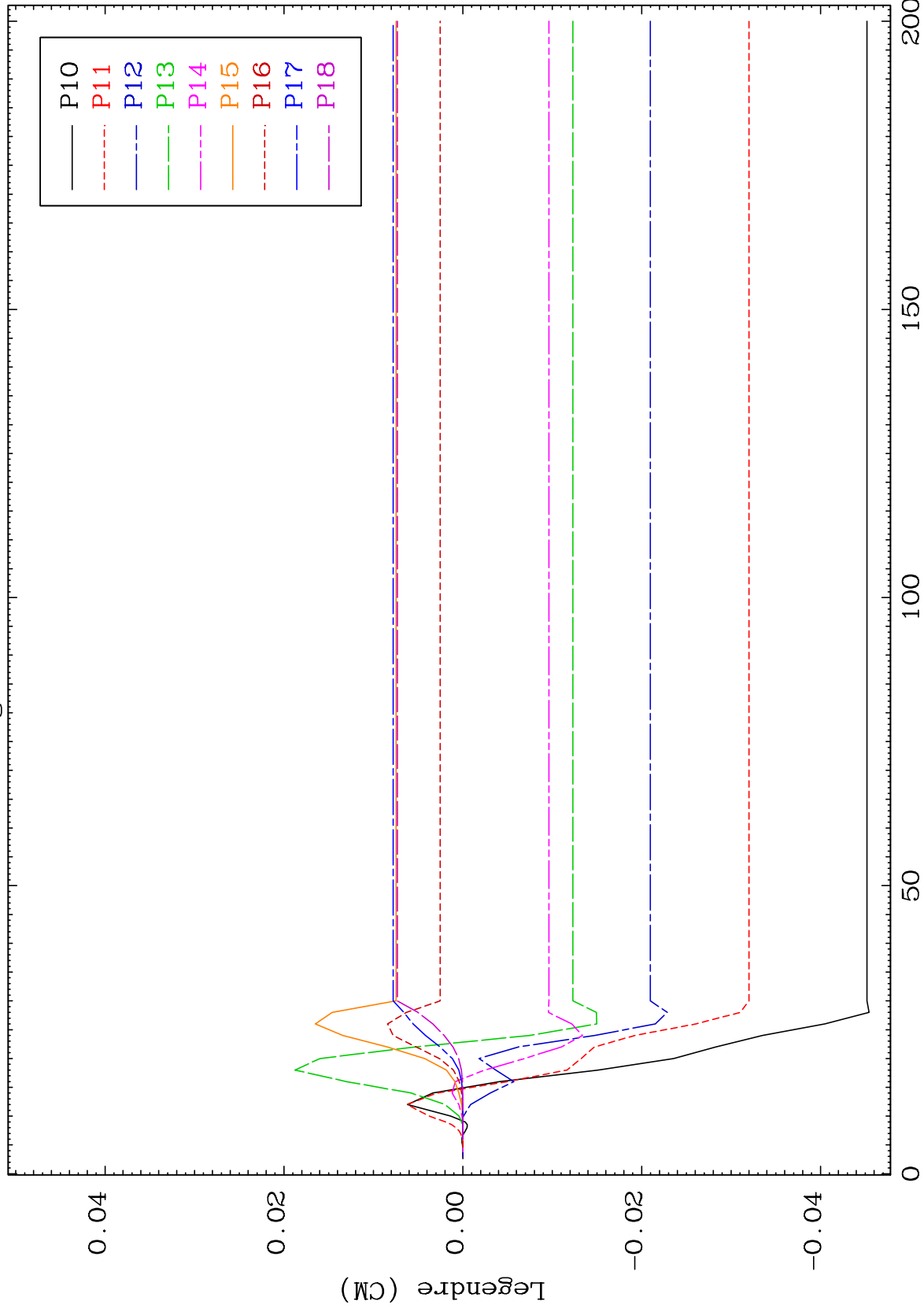
Incident Energy (MeV)

65

MAT 4649

MT= 63 (n,n') Level  
Legendre Coefficients

46-Pd-110



66

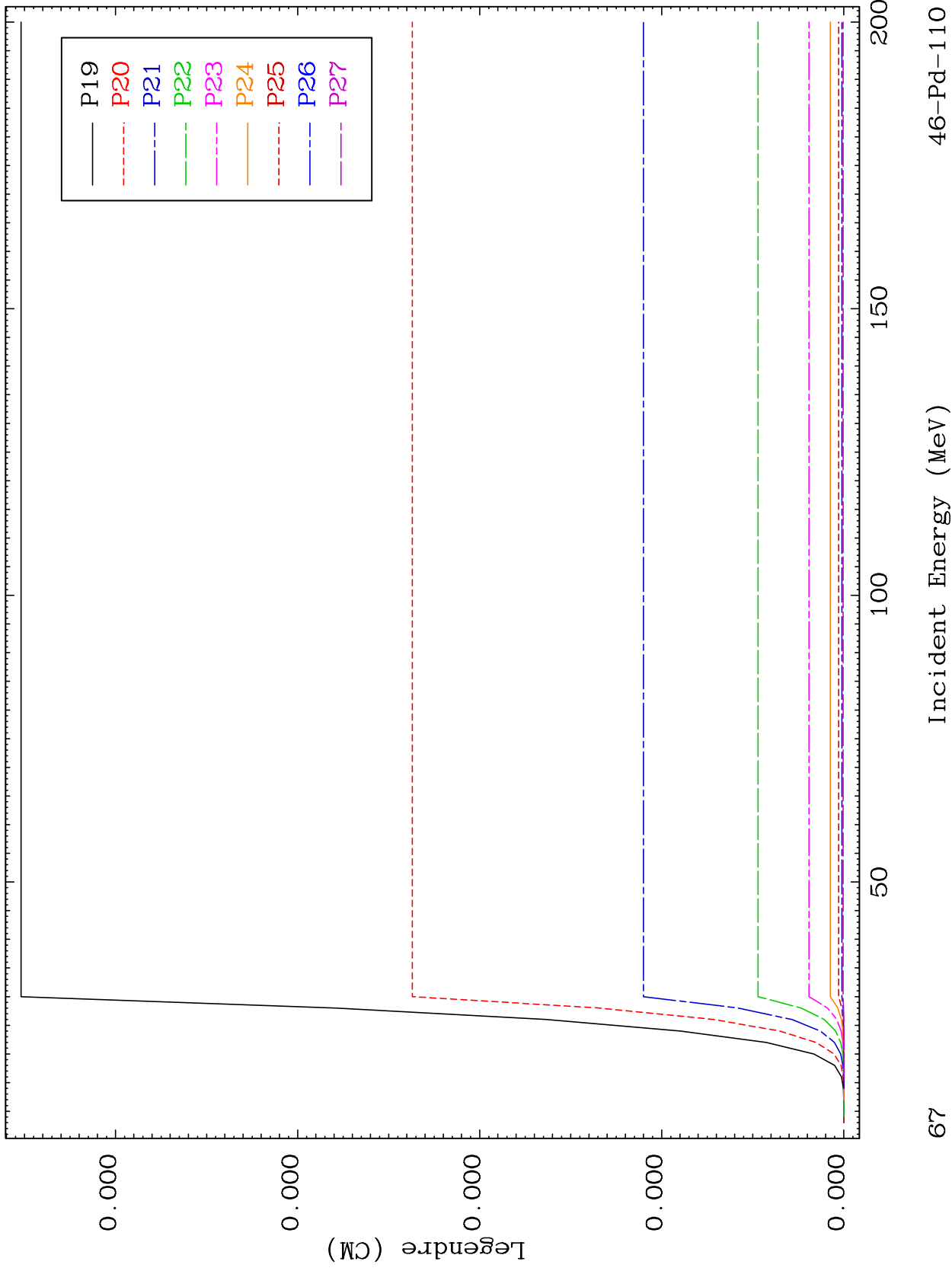
Incident Energy (MeV)

46-Pd-110

MAT 4649

MT= 63 (n,n') Level  
Legendre Coefficients

46-Pd-110



67

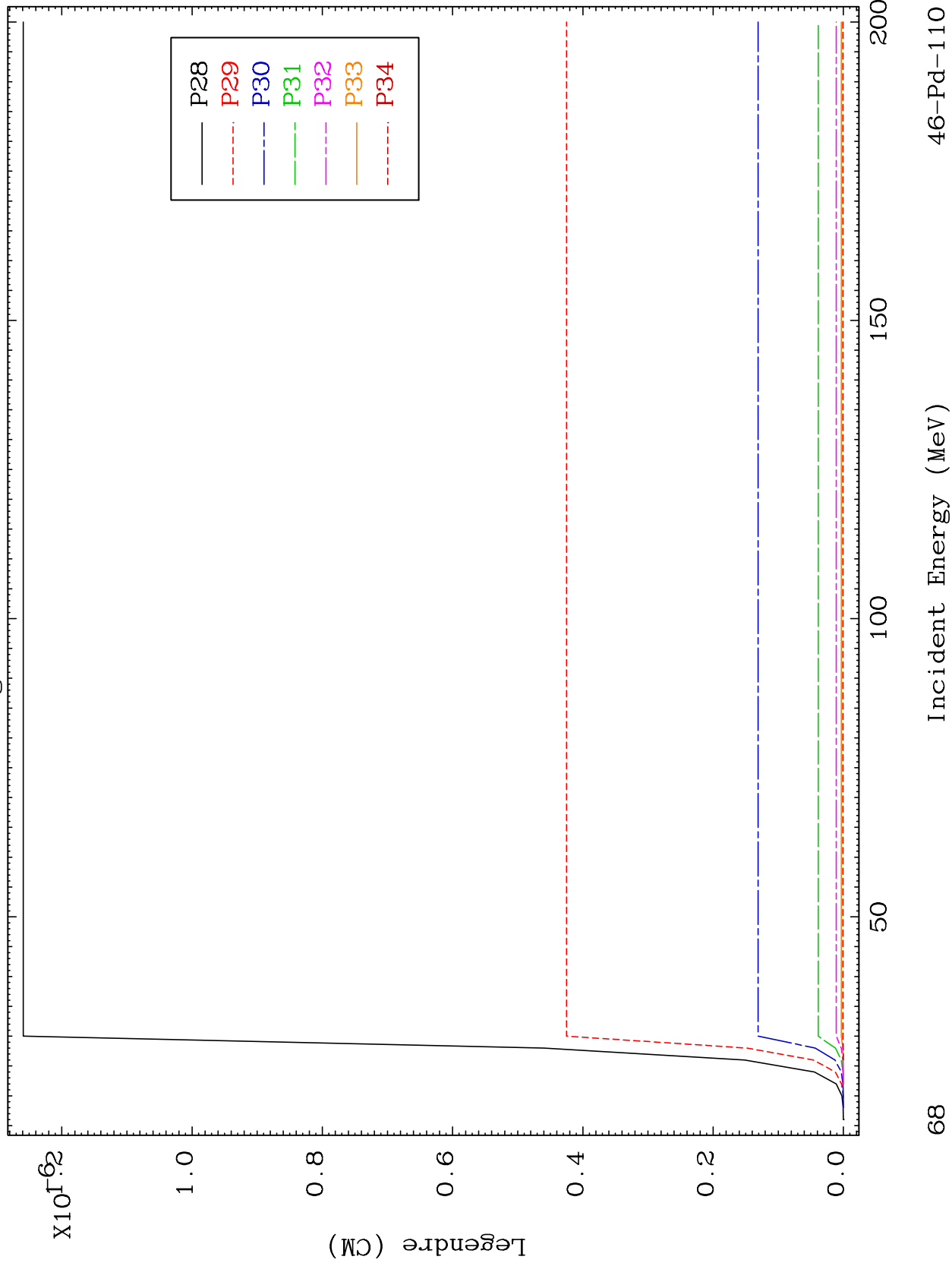
Incident Energy (MeV)

46-Pd-110

MAT 4649

MT= 63 (n,n') Level  
Legendre Coefficients

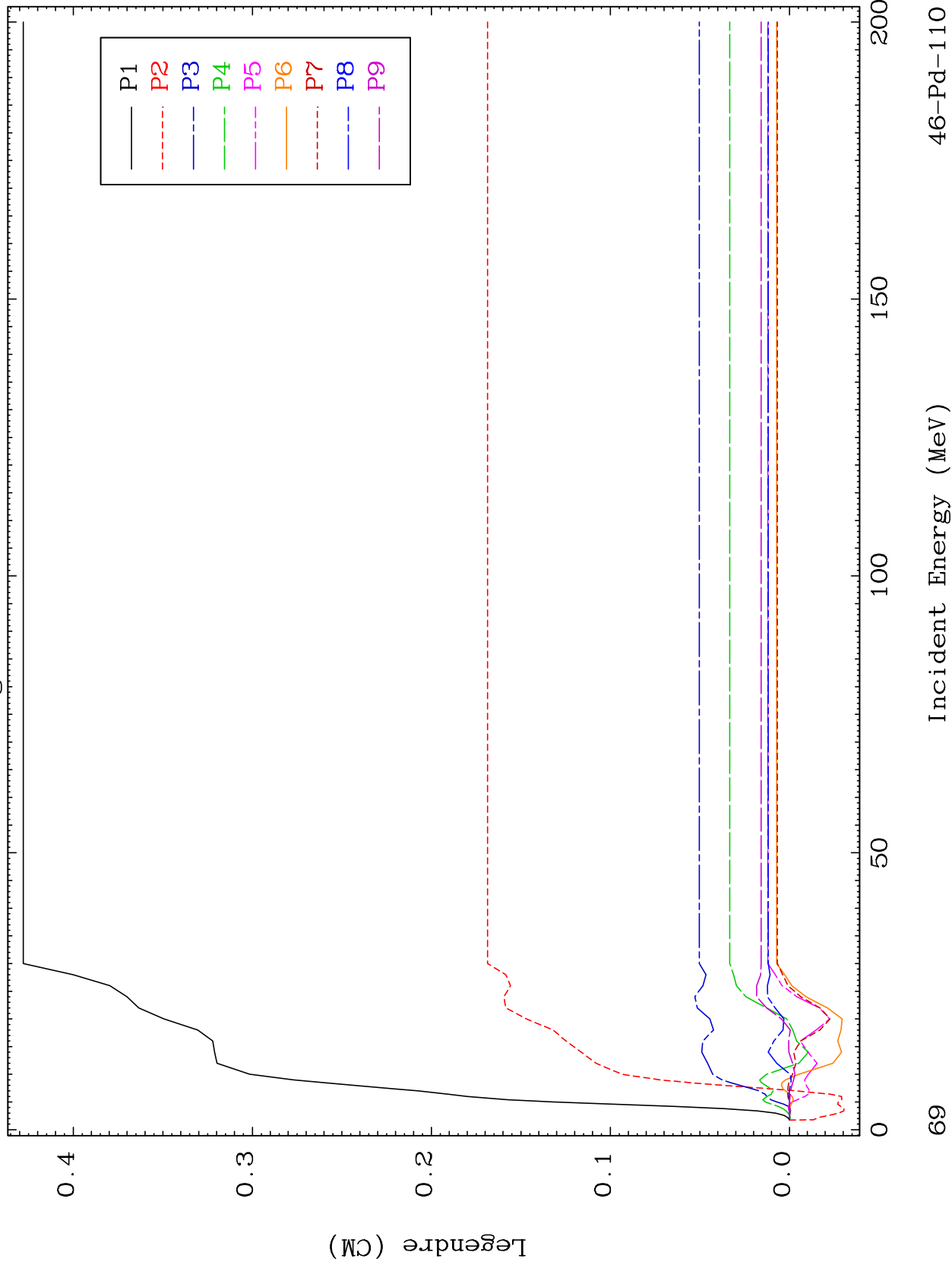
46-Pd-110



MAT 4649

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

46-Pd-110



46-Pd-110

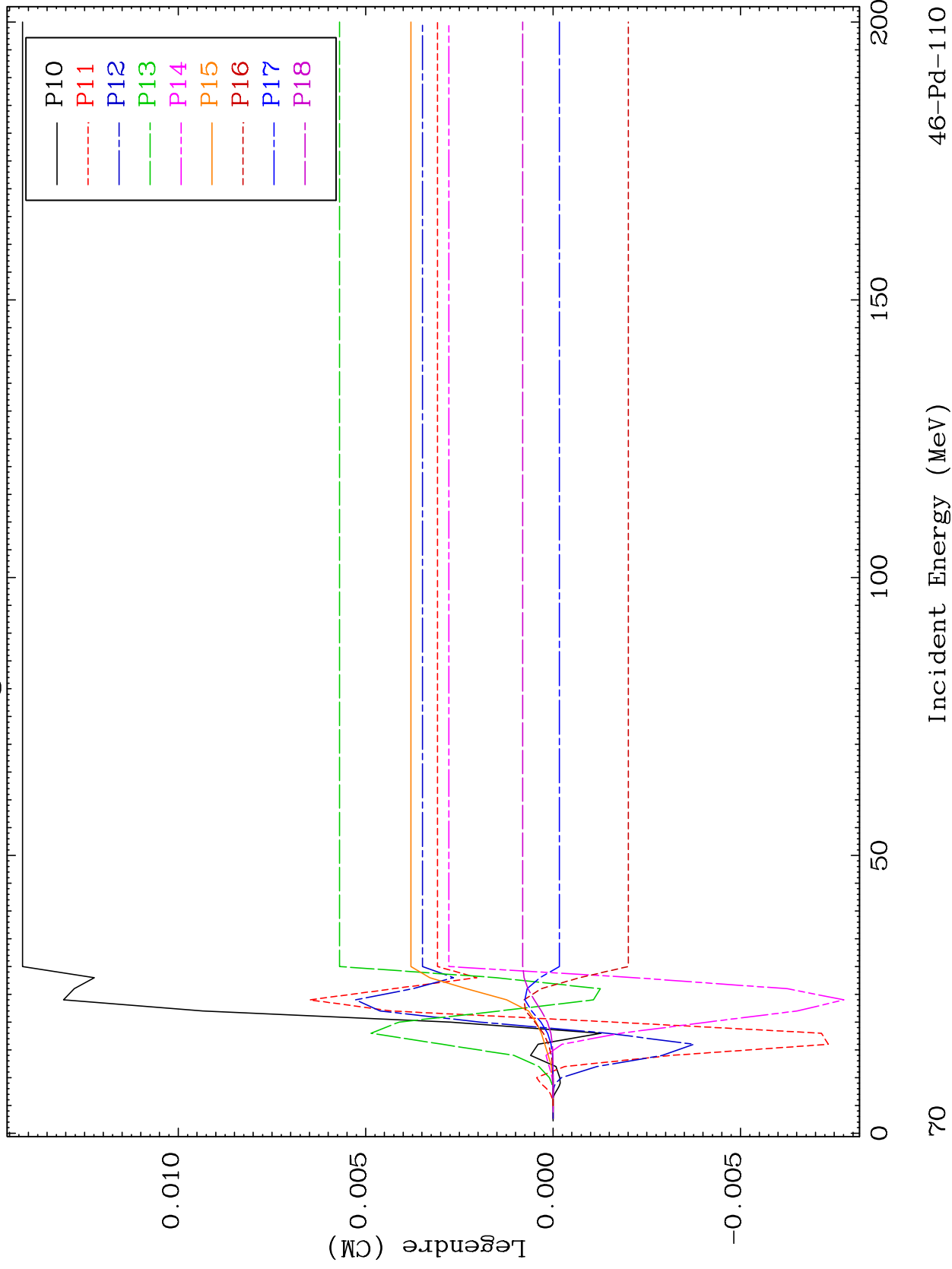
Incident Energy (MeV)

69

MAT 4649

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

46-Pd-110



46-Pd-110

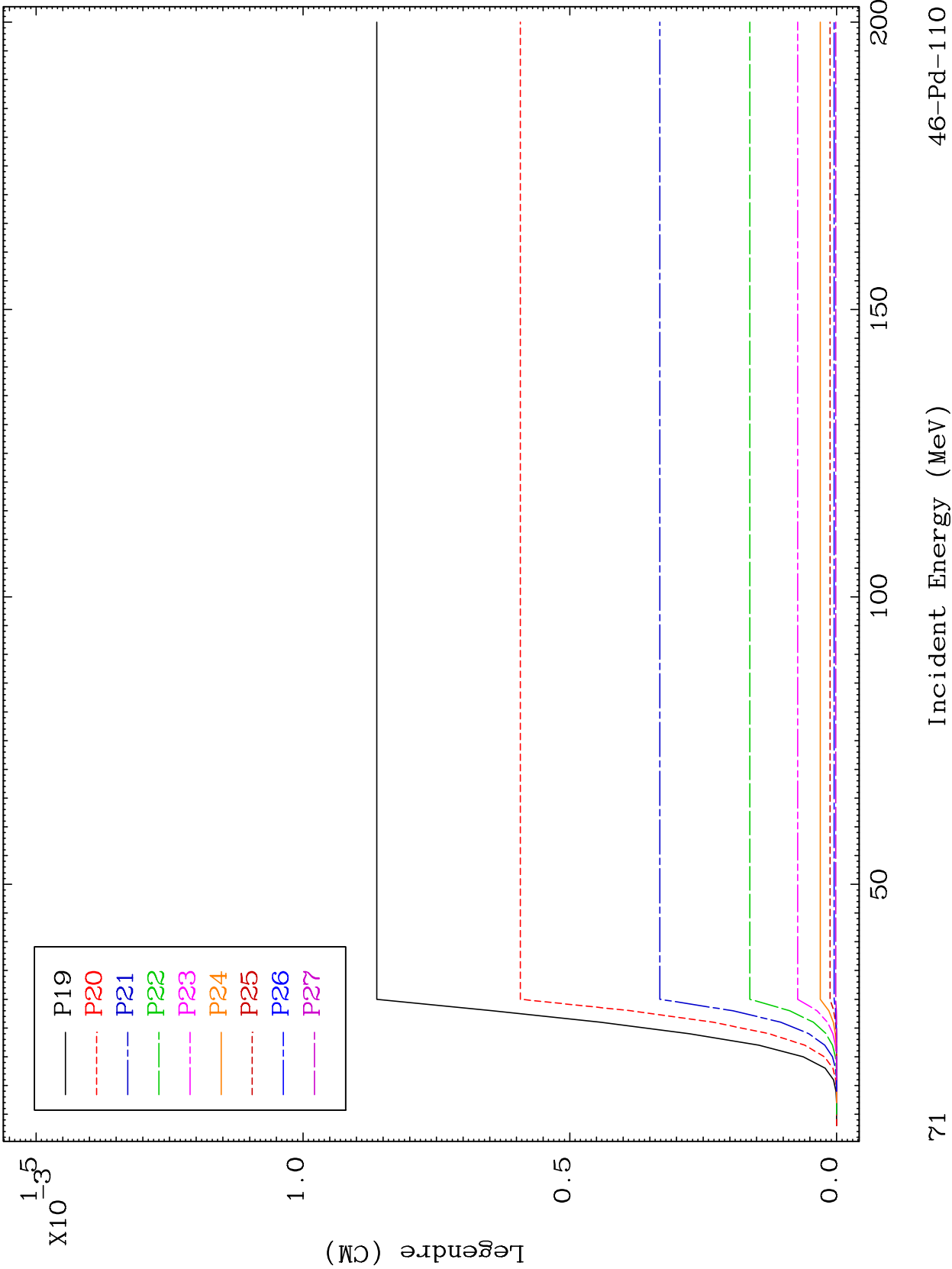
Incident Energy (MeV)

70

MAT 4649

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

46-Pd-110

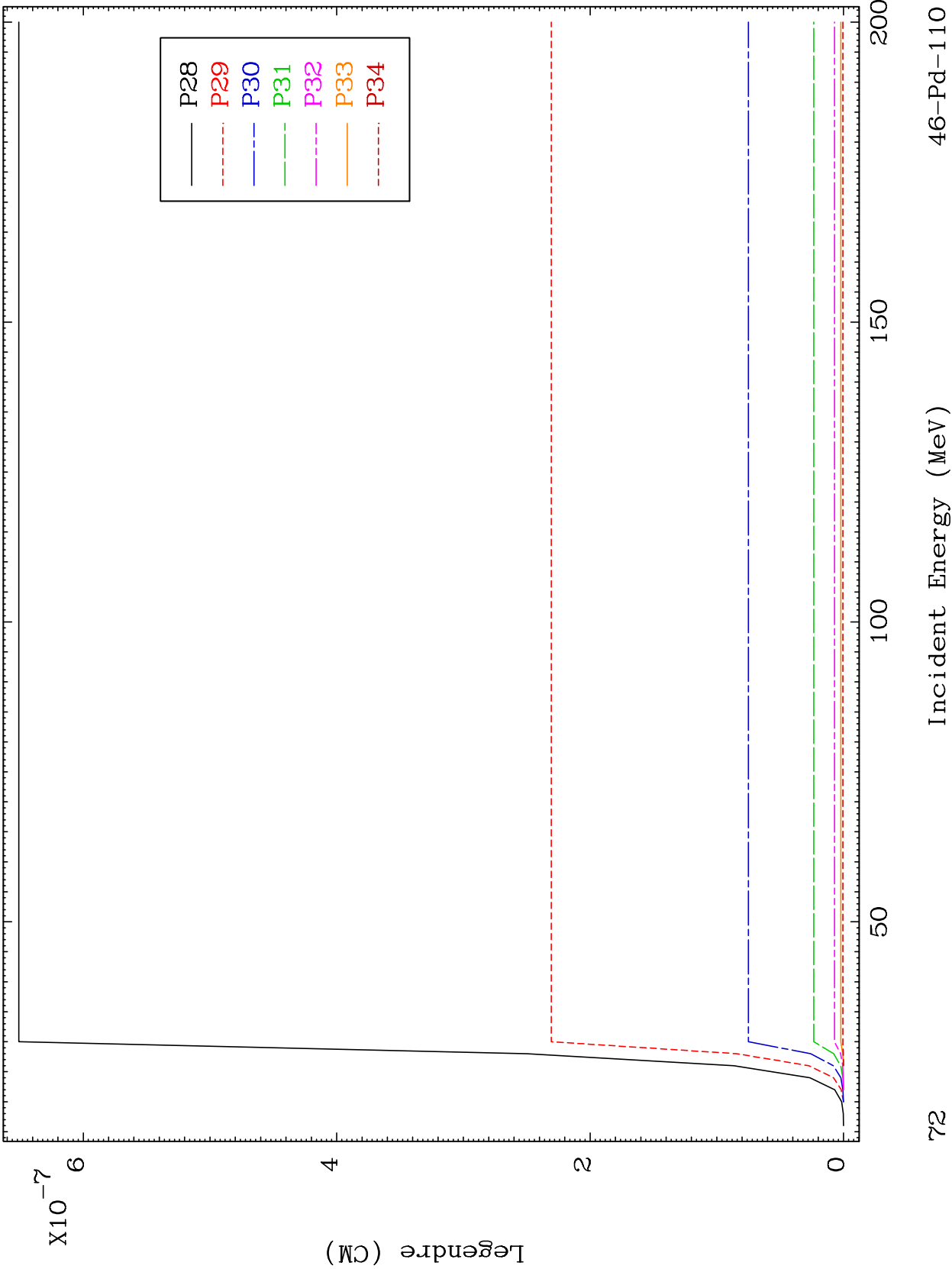




MAT 4649

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

46-Pd-110



72

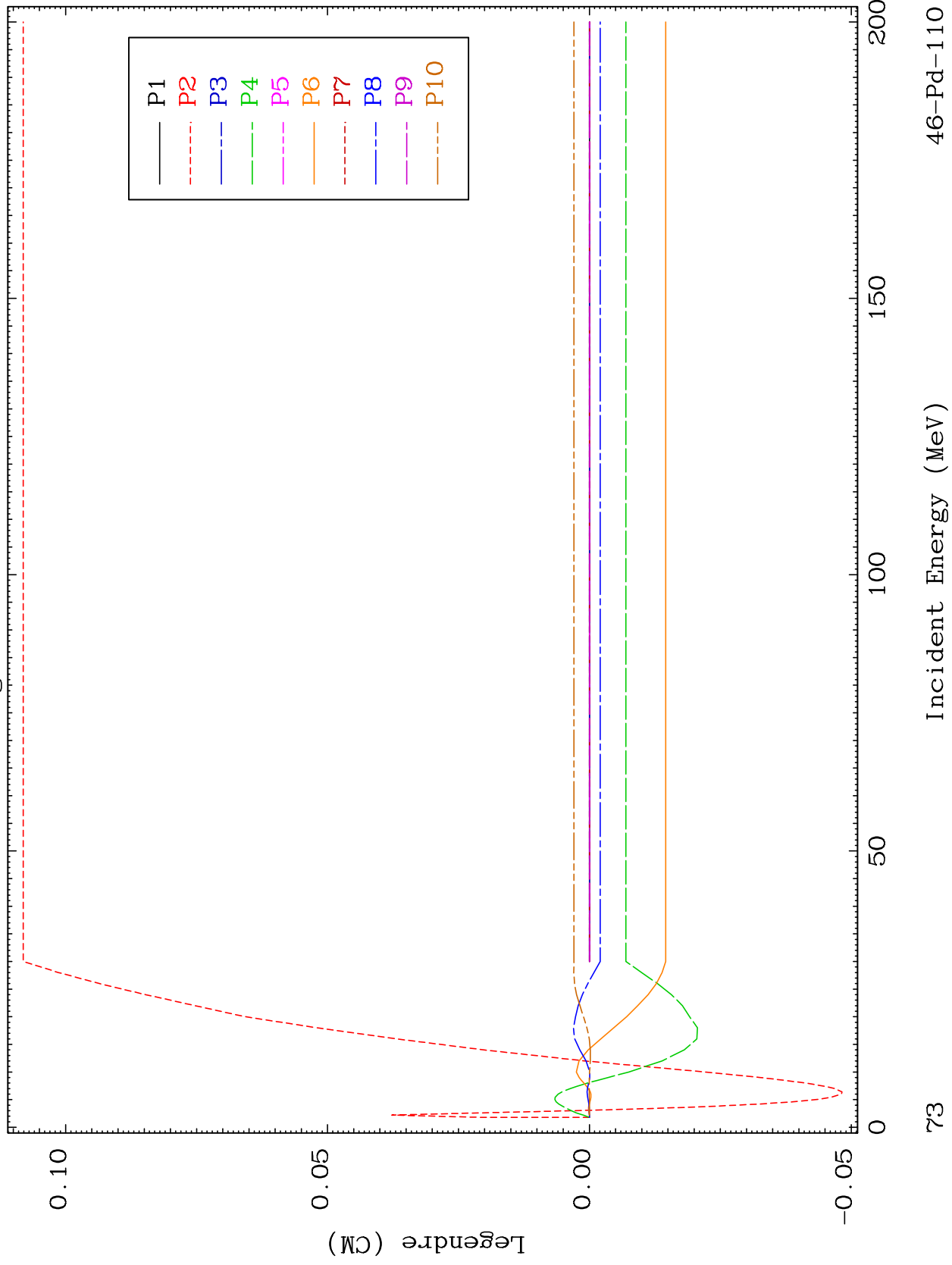
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

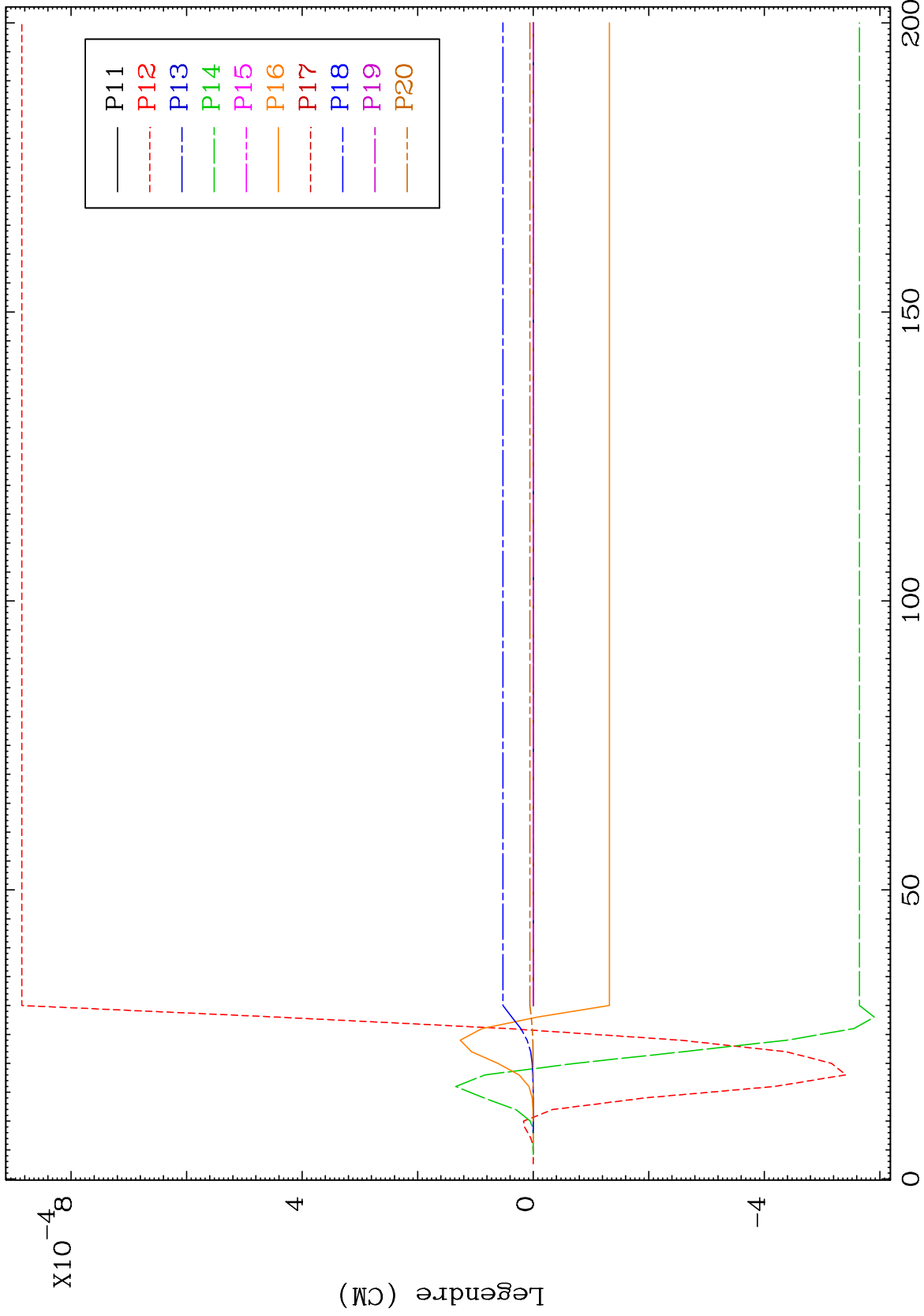
46-Pd-110



MAT 4649

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

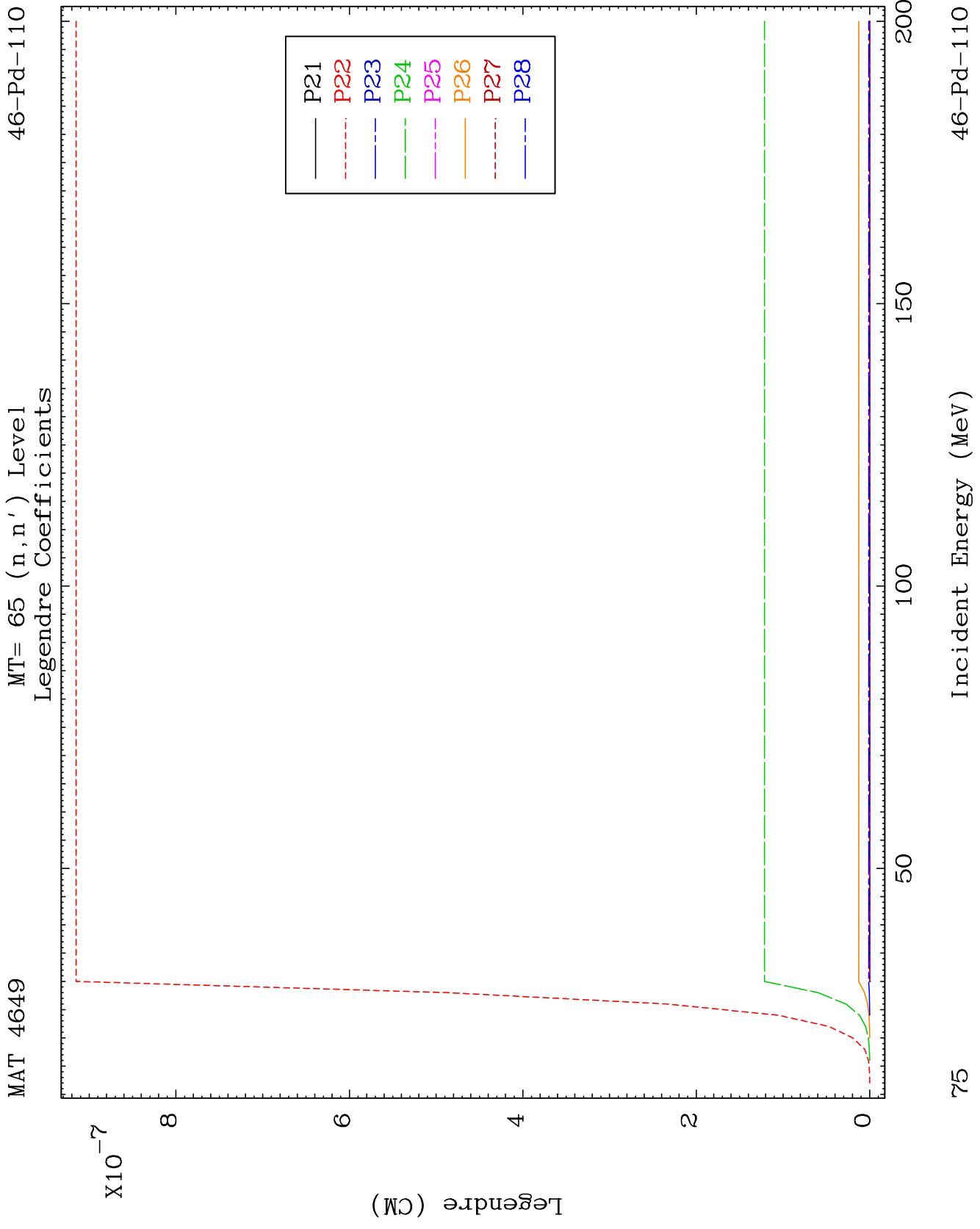
46-Pd-110



74

Incident Energy (MeV)

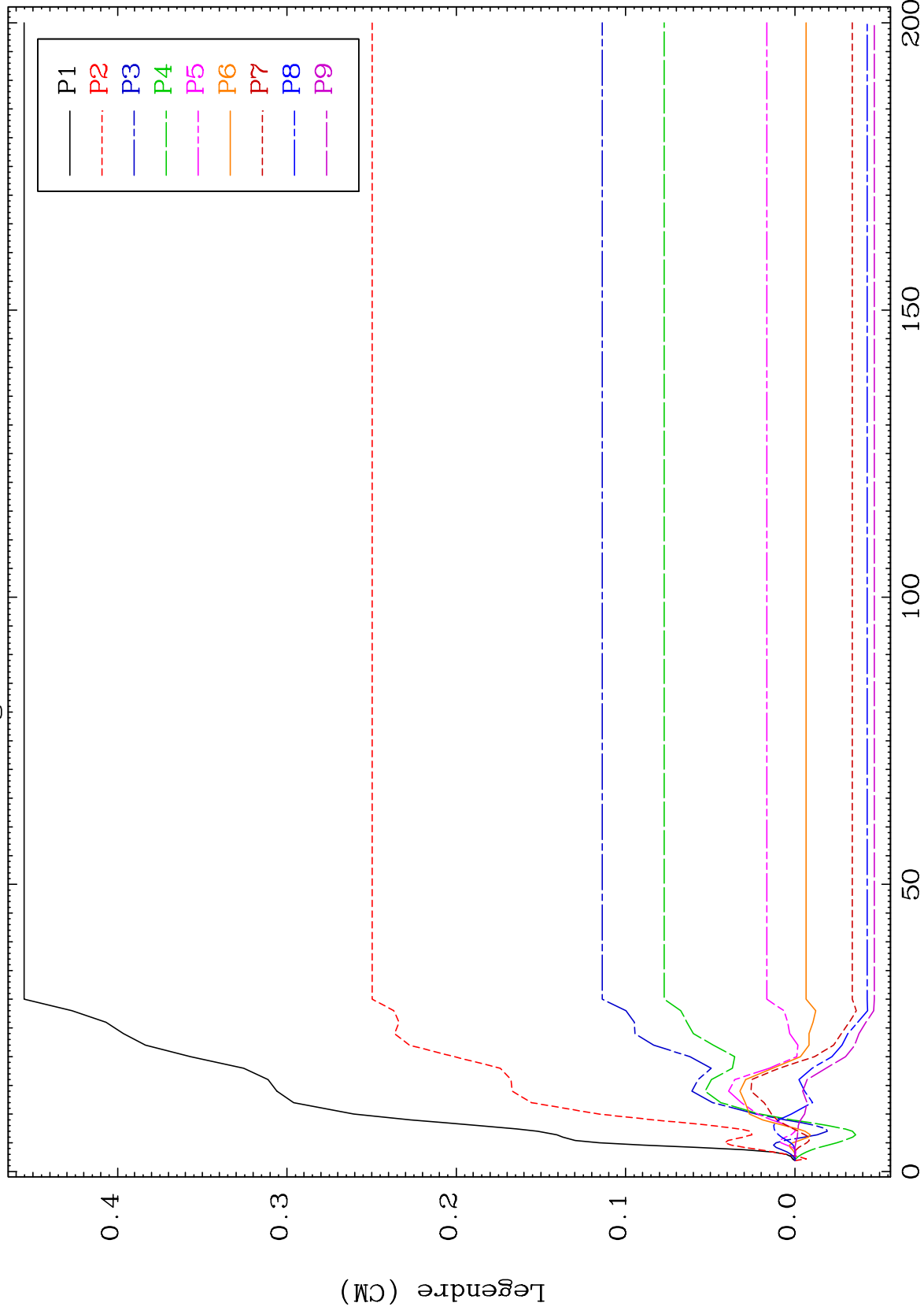
46-Pd-110



MAT 4649

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

46-Pd-110



76

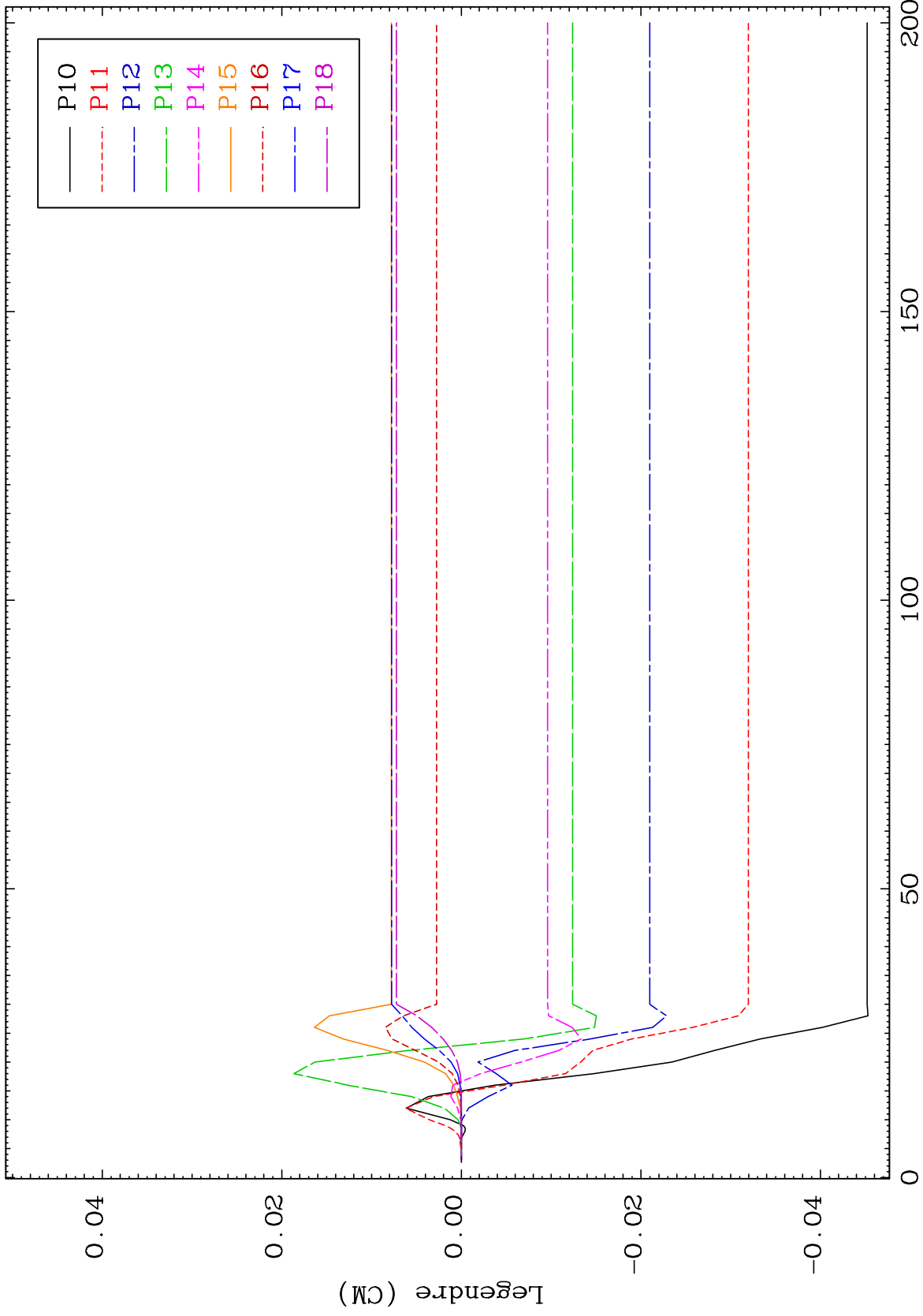
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



77

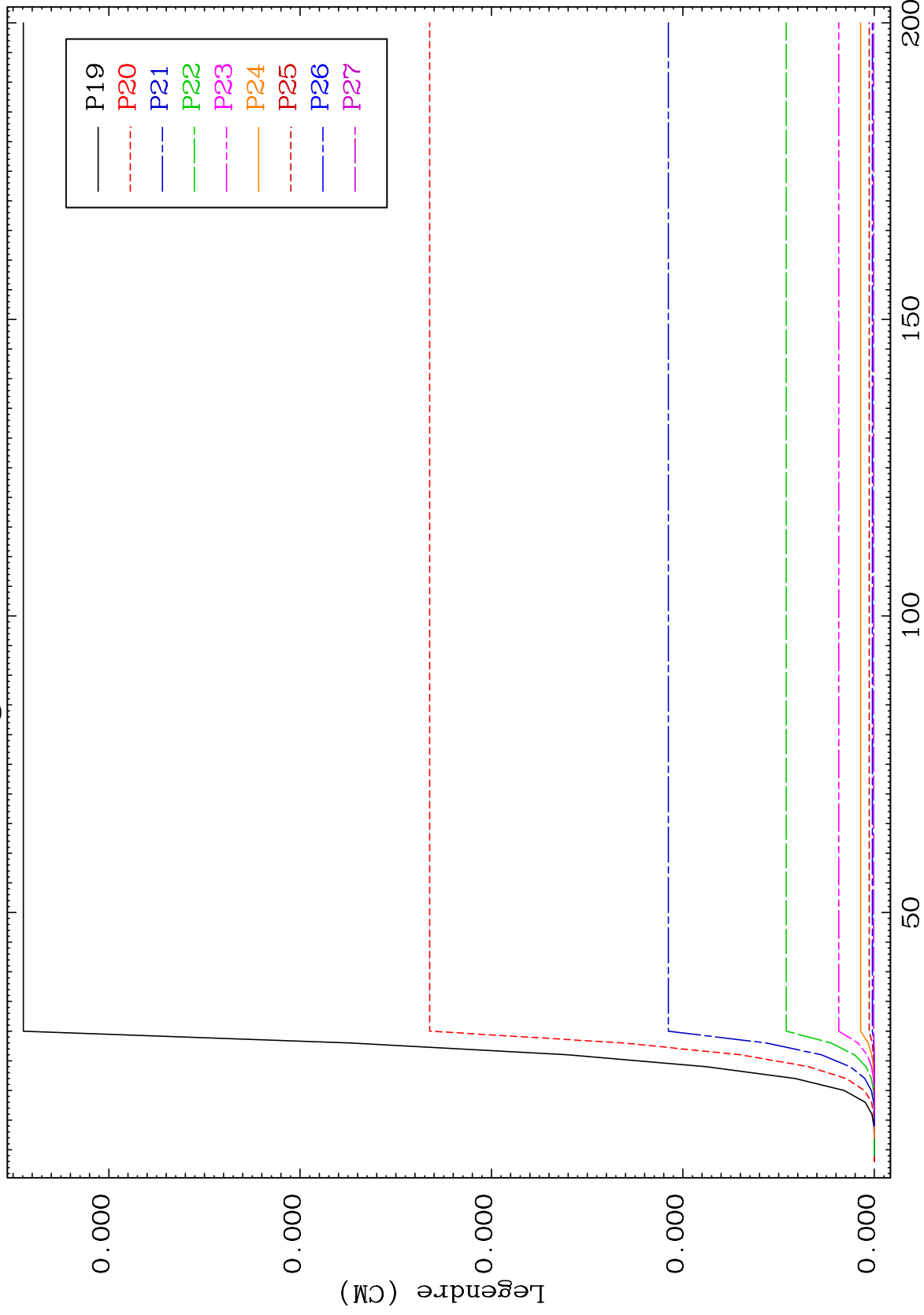
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



78

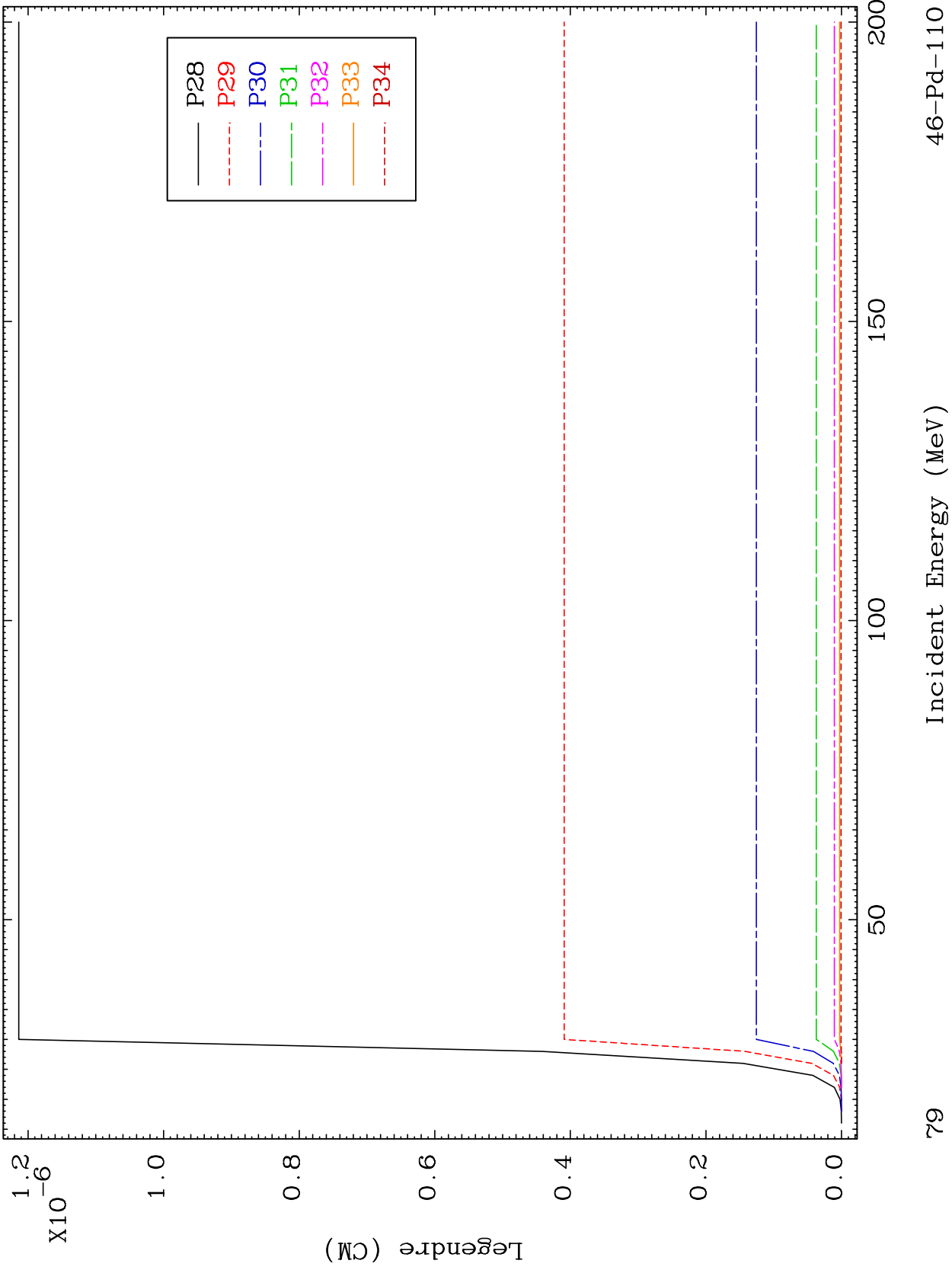
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110

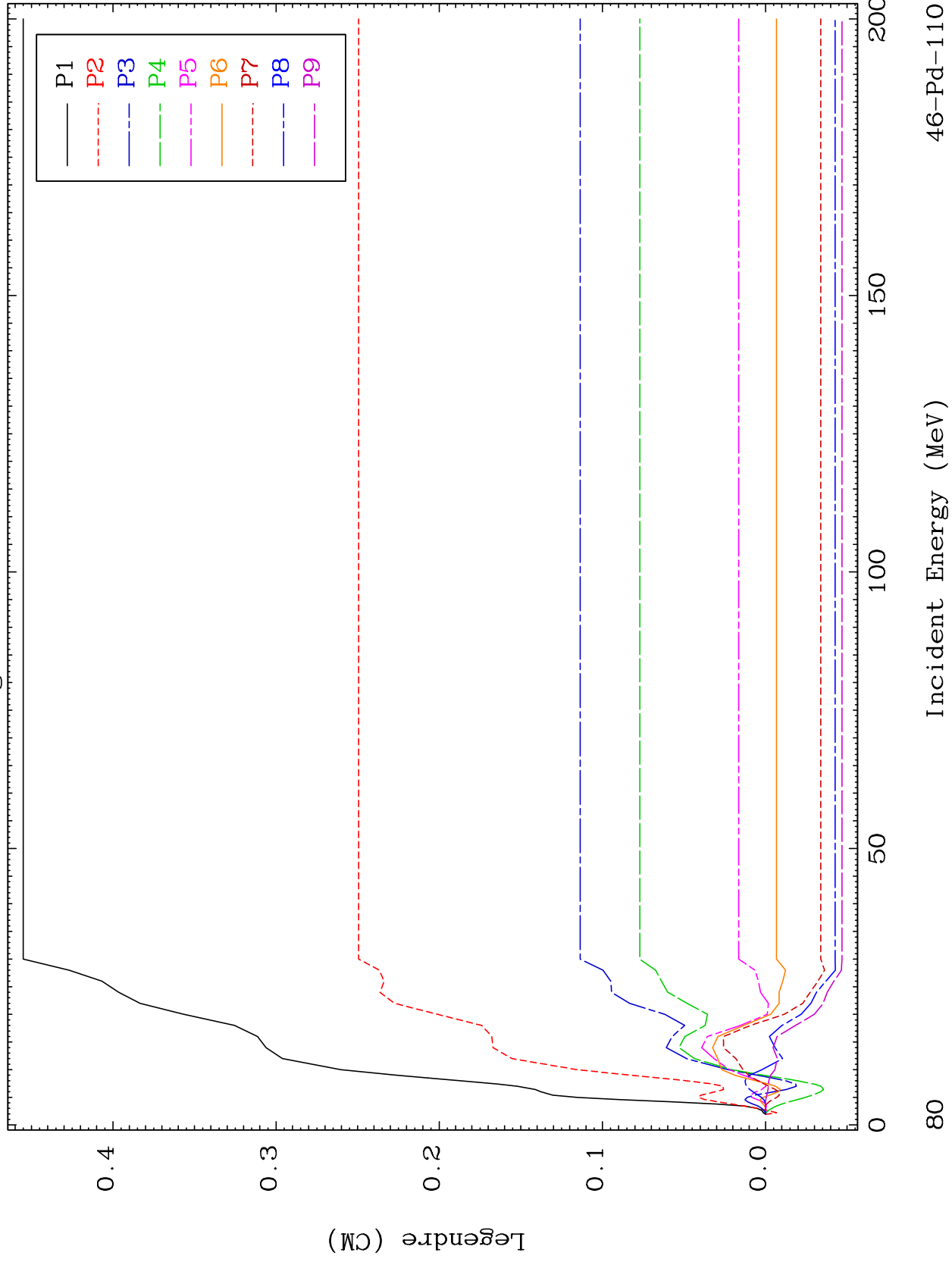




MAT 4649

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

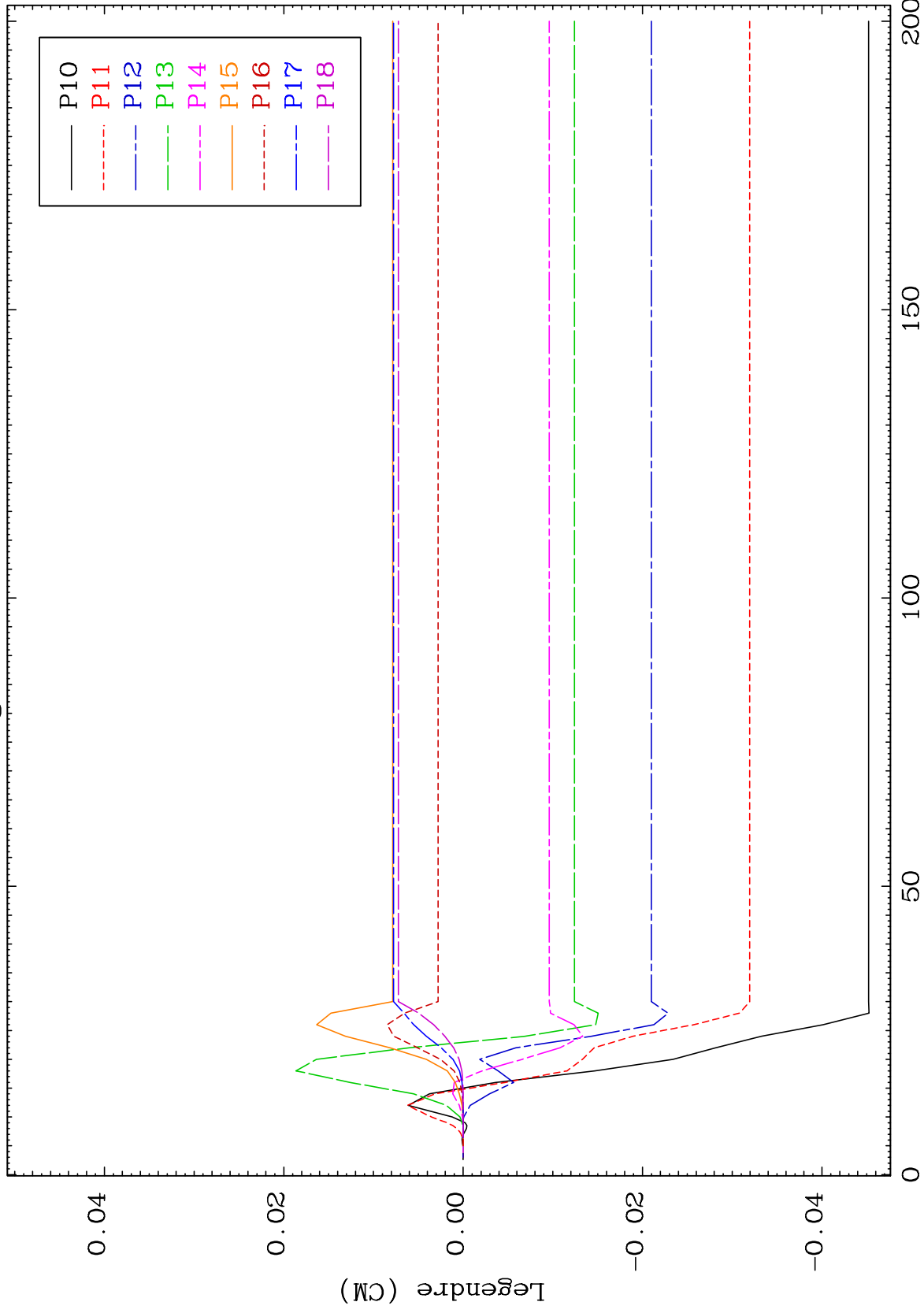
46-Pd-110



MAT 4649

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

46-Pd-110



81

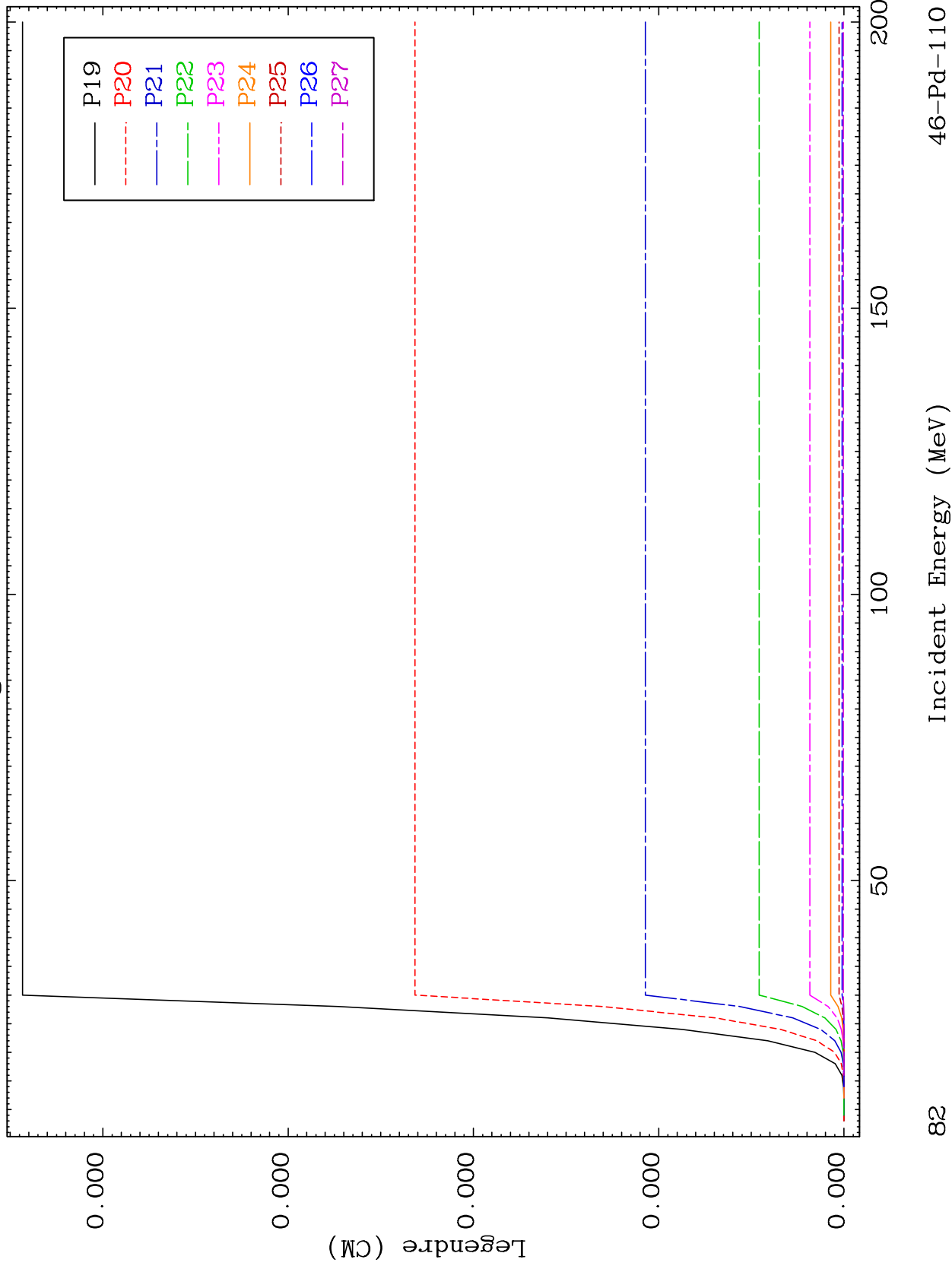
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



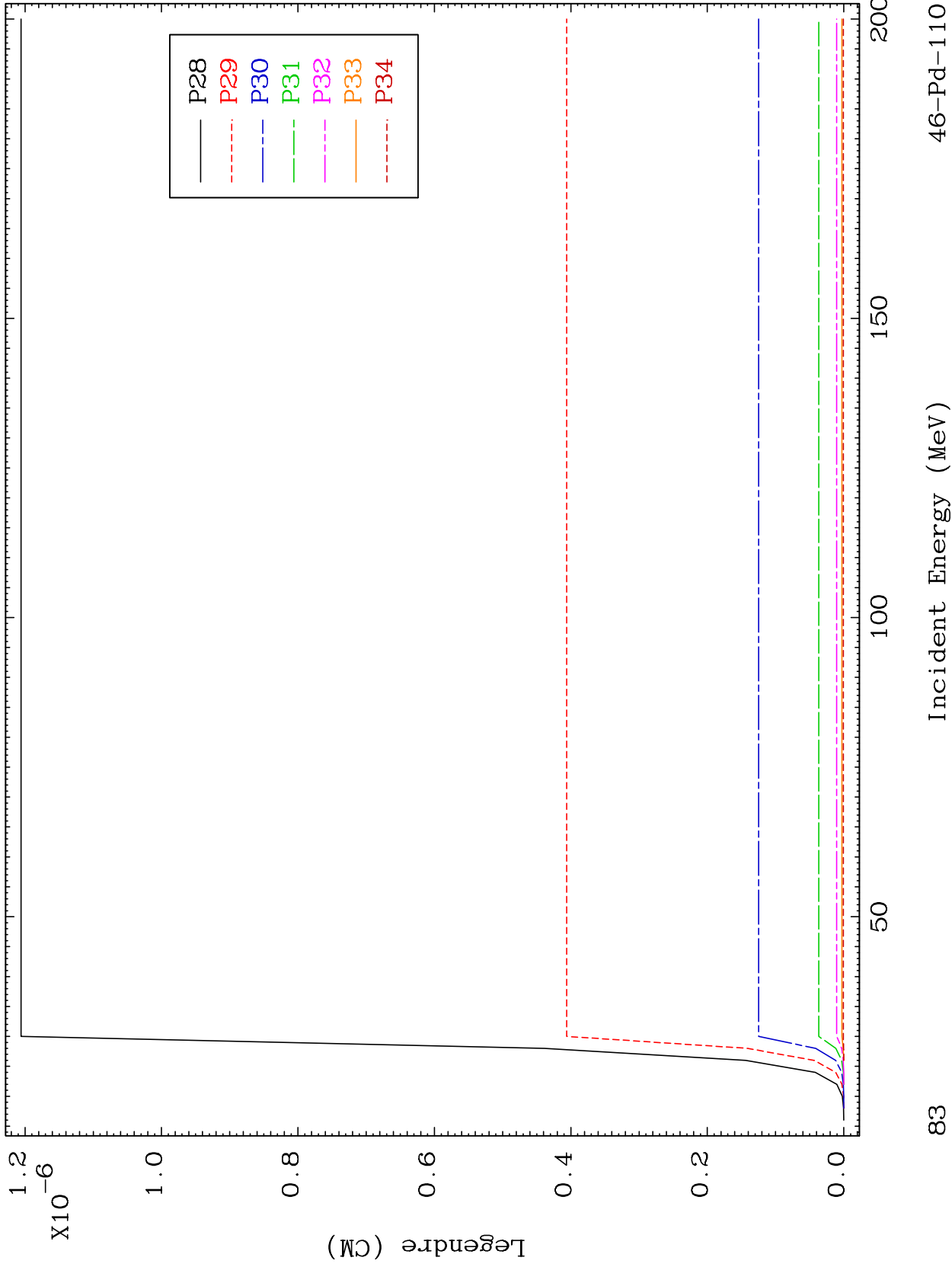
82

46-Pd-110

MAT 4649

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

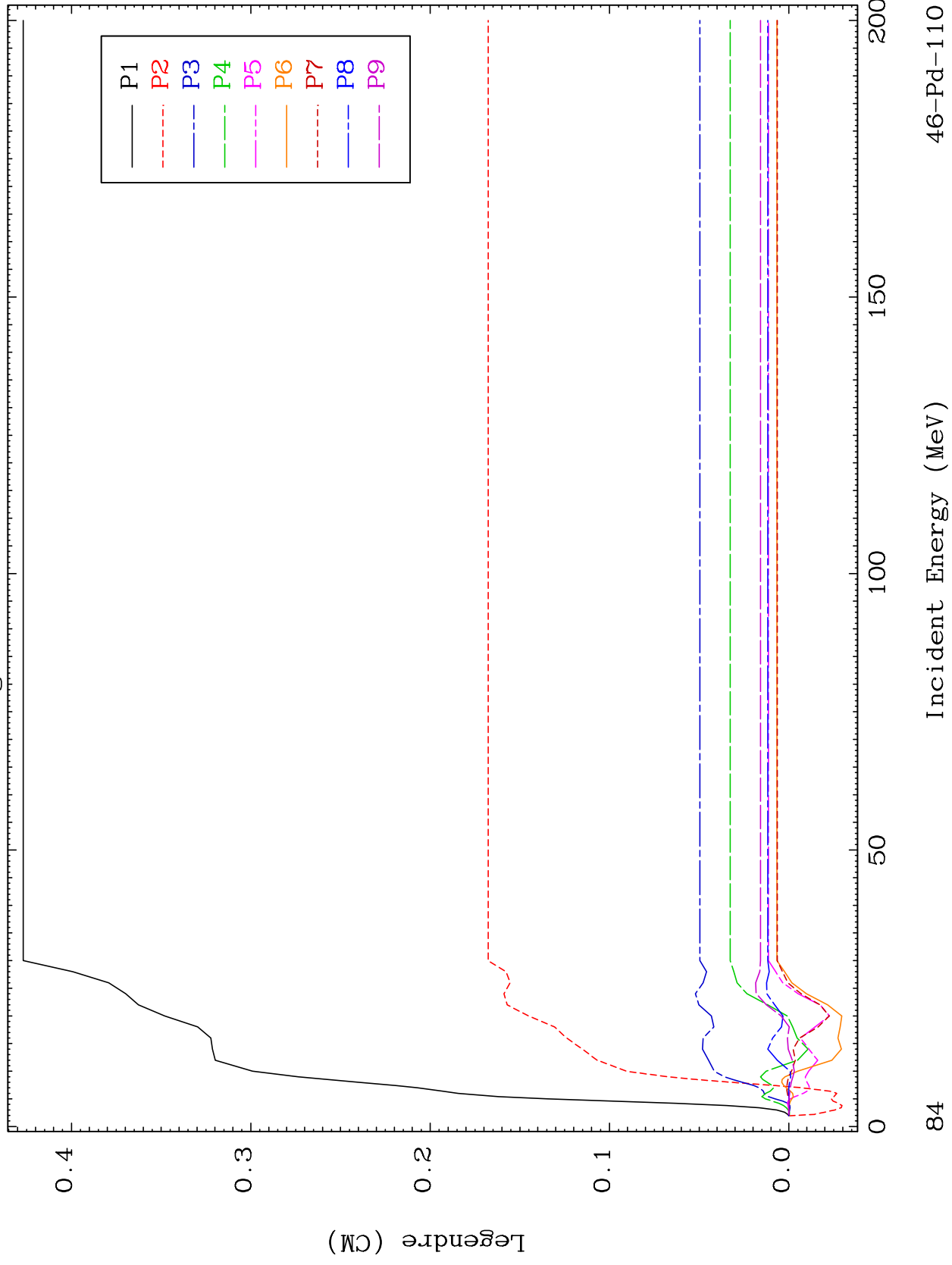
46-Pd-110



MAT 4649

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

46-Pd-110



84

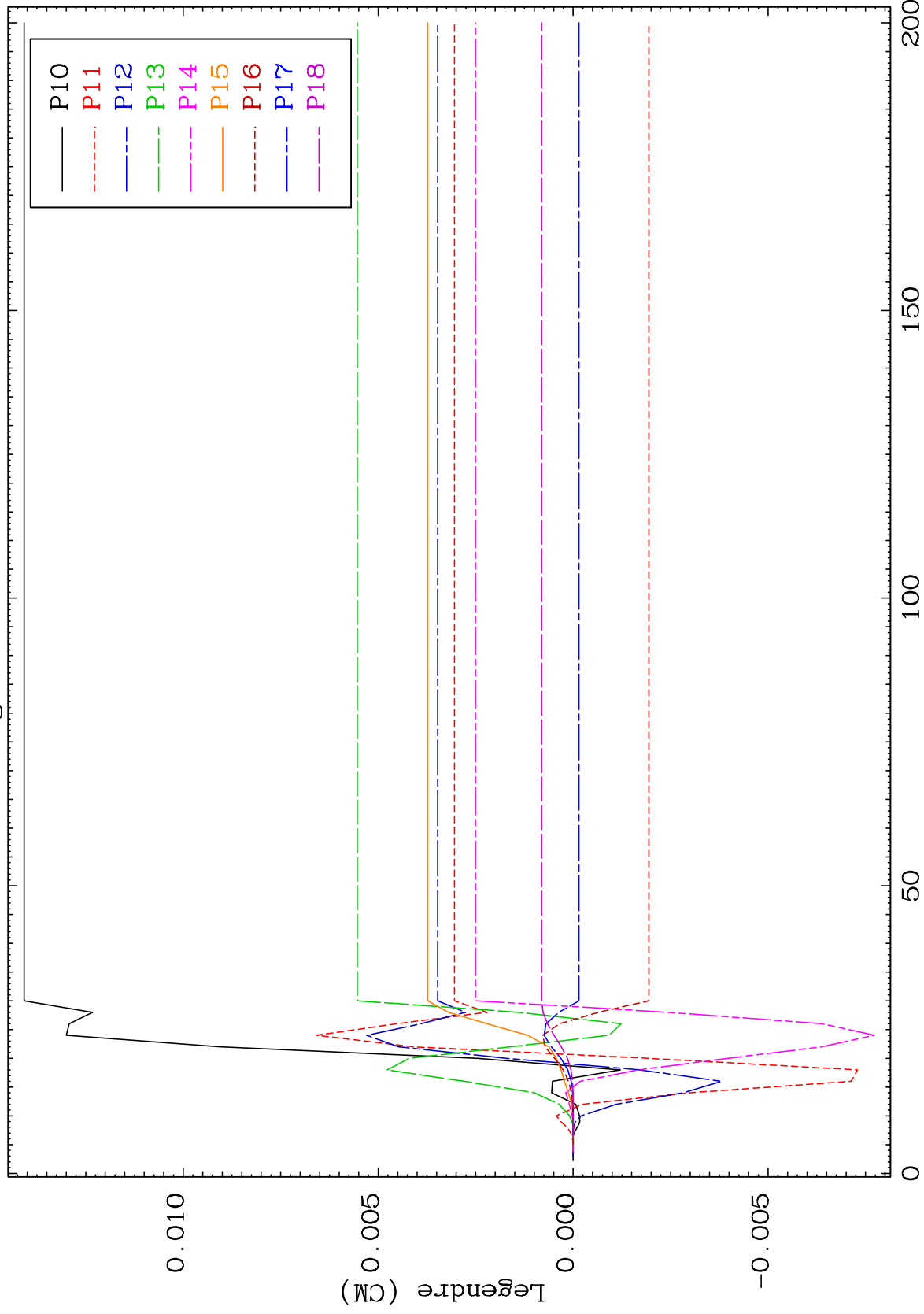
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



85

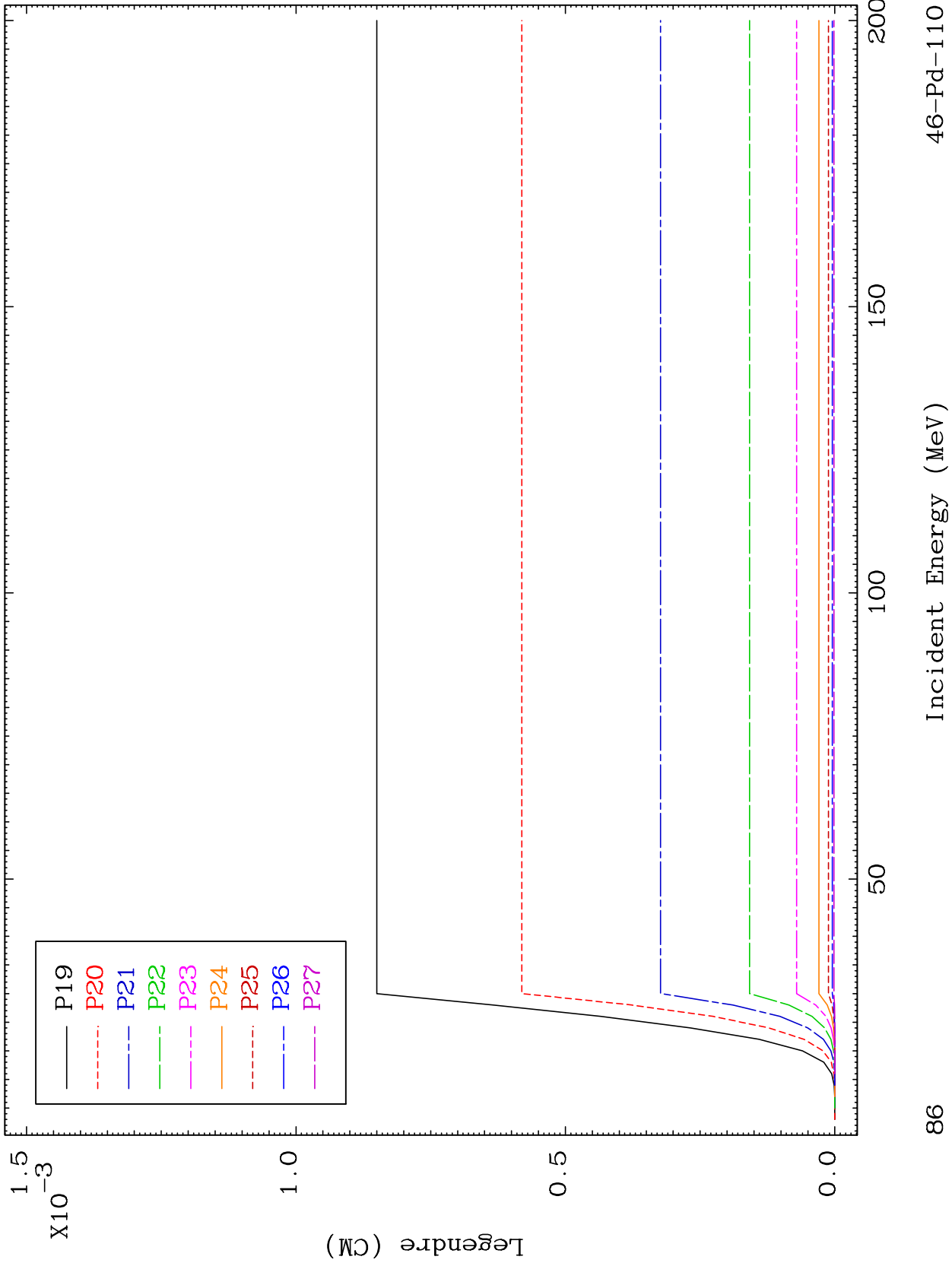
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

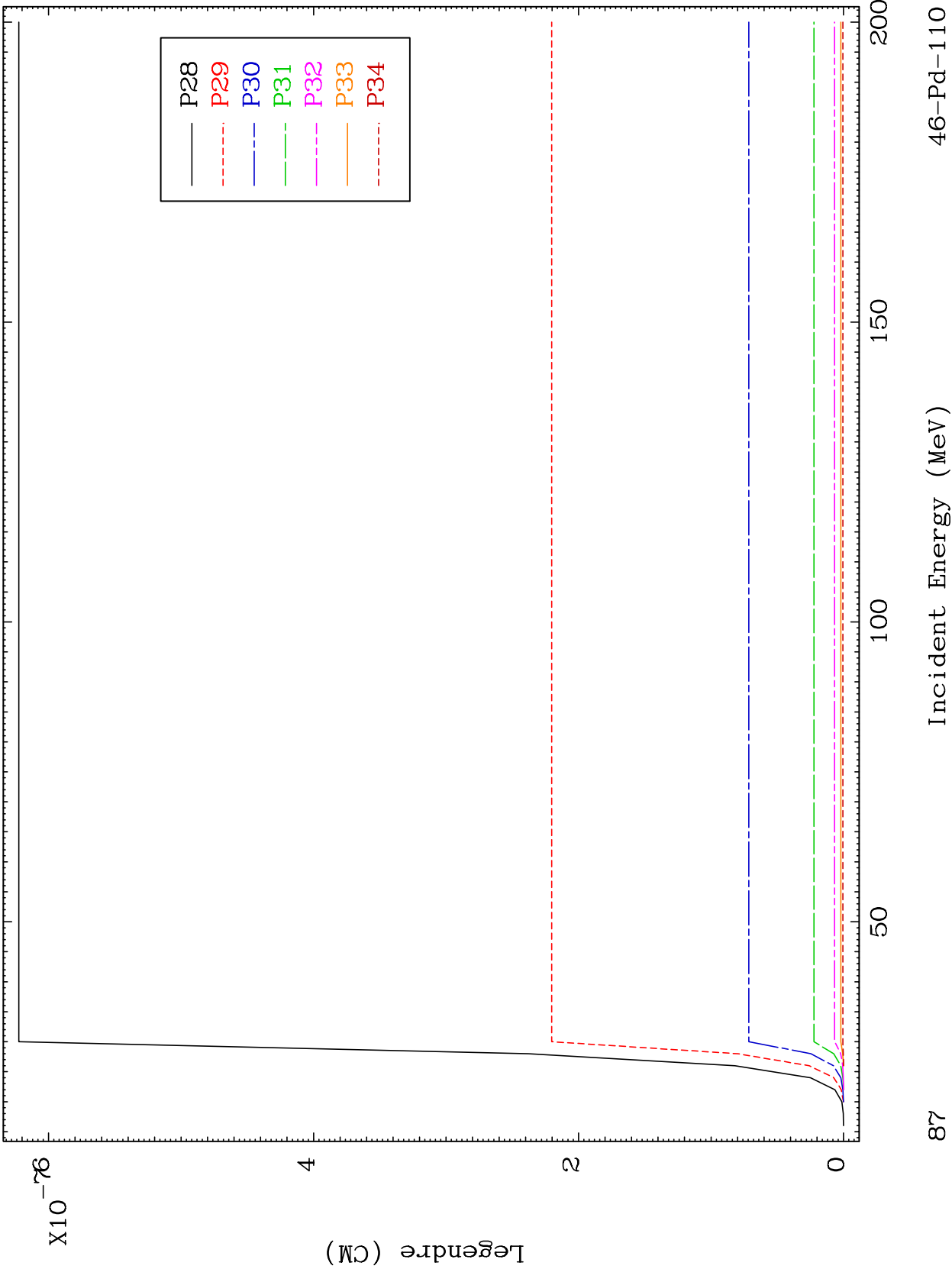
46-Pd-110



MAT 4649

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

46-Pd-110



87

Incident Energy (MeV)

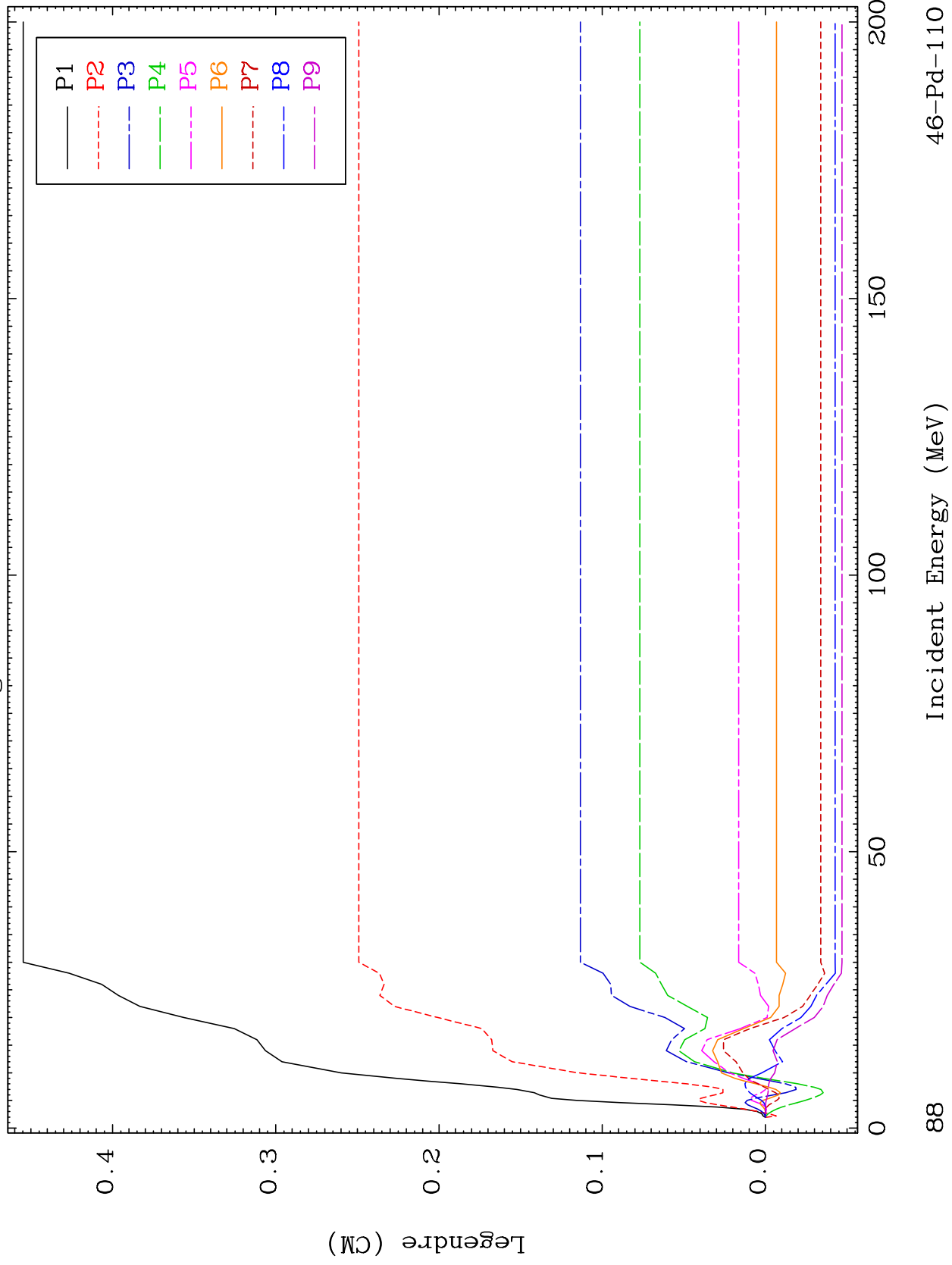
46-Pd-110



MAT 4649

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

46-Pd-110

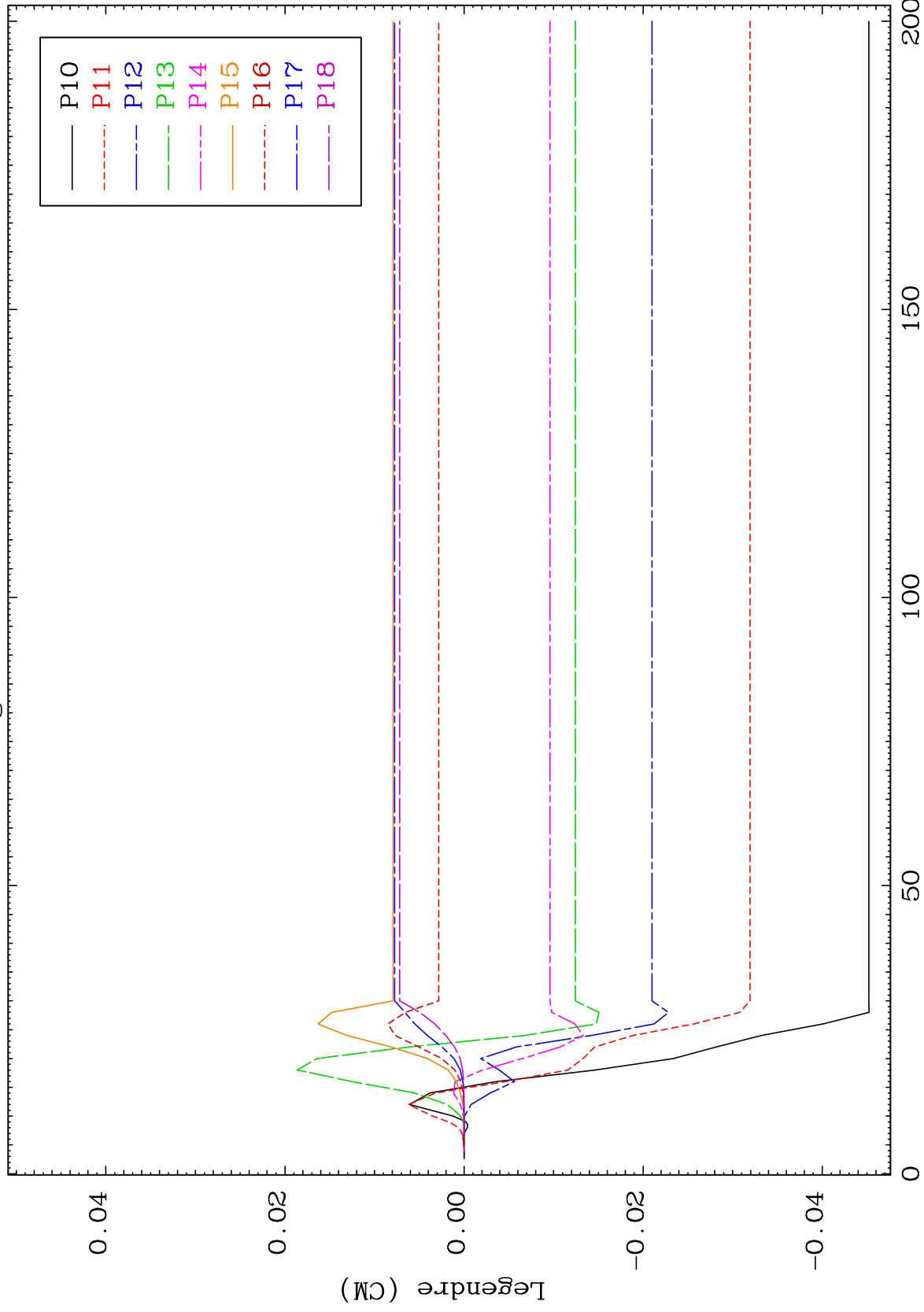


46-Pd-110

MAT 4649

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

46-Pd-110



89

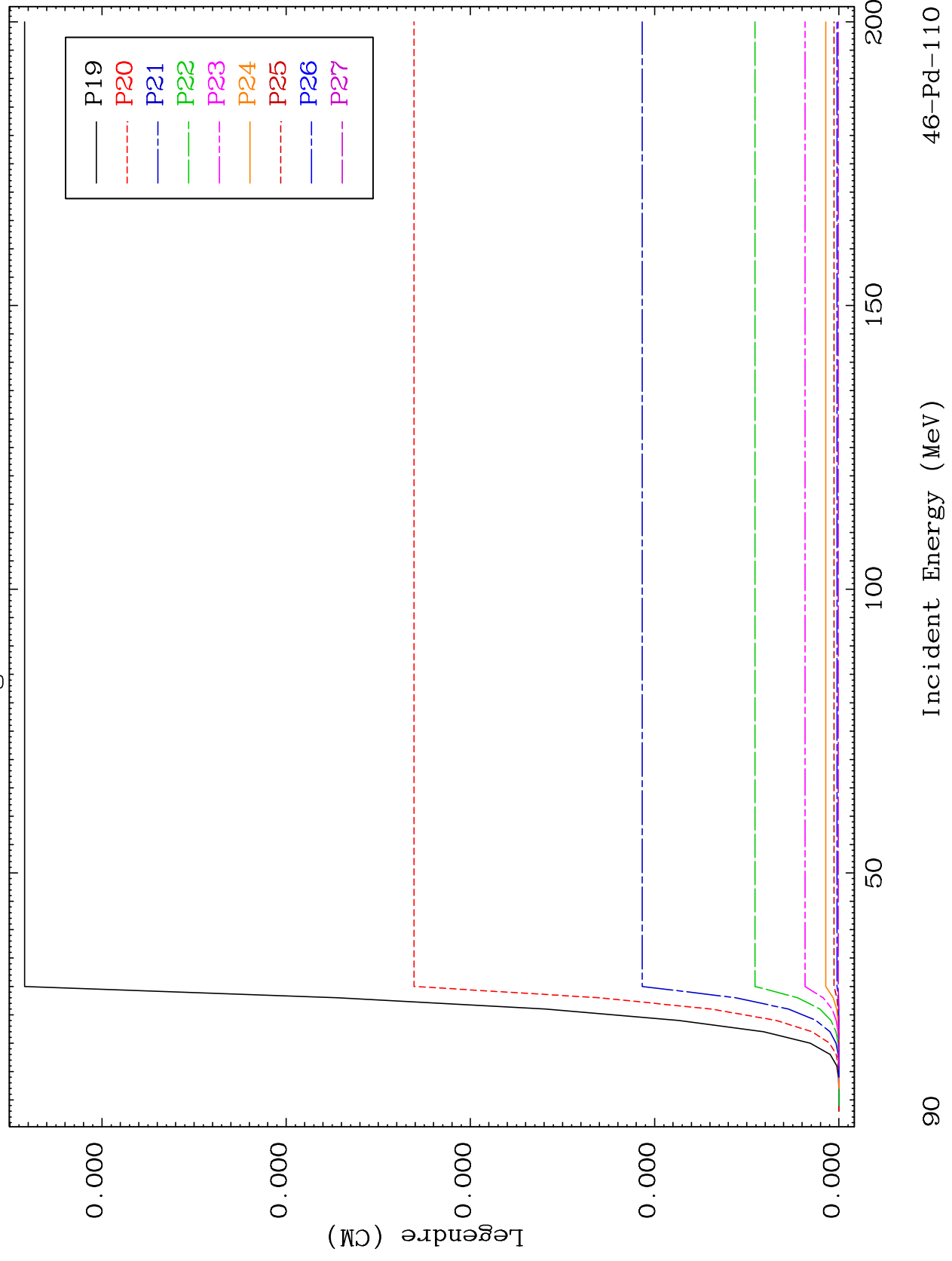
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



90

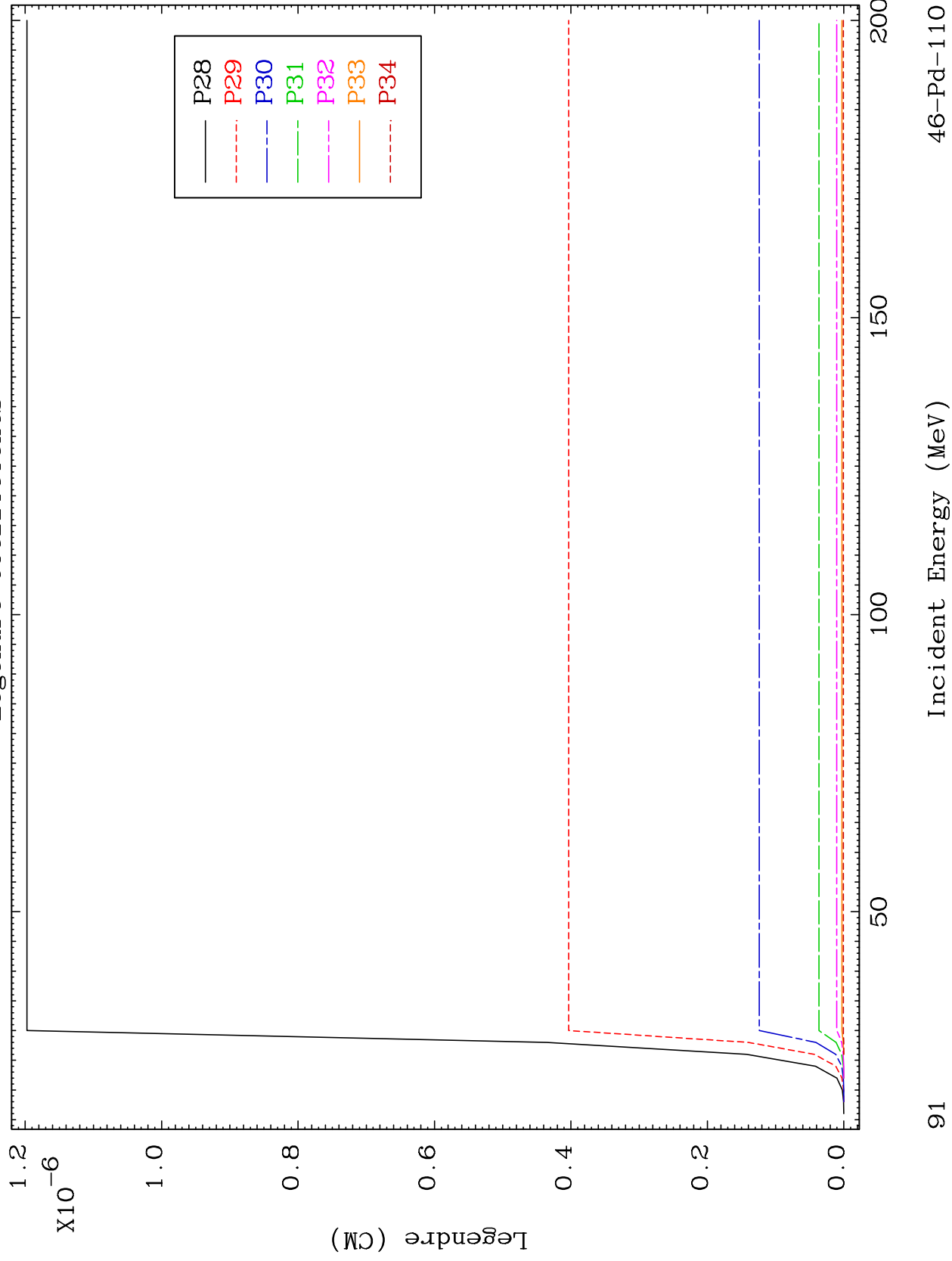
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

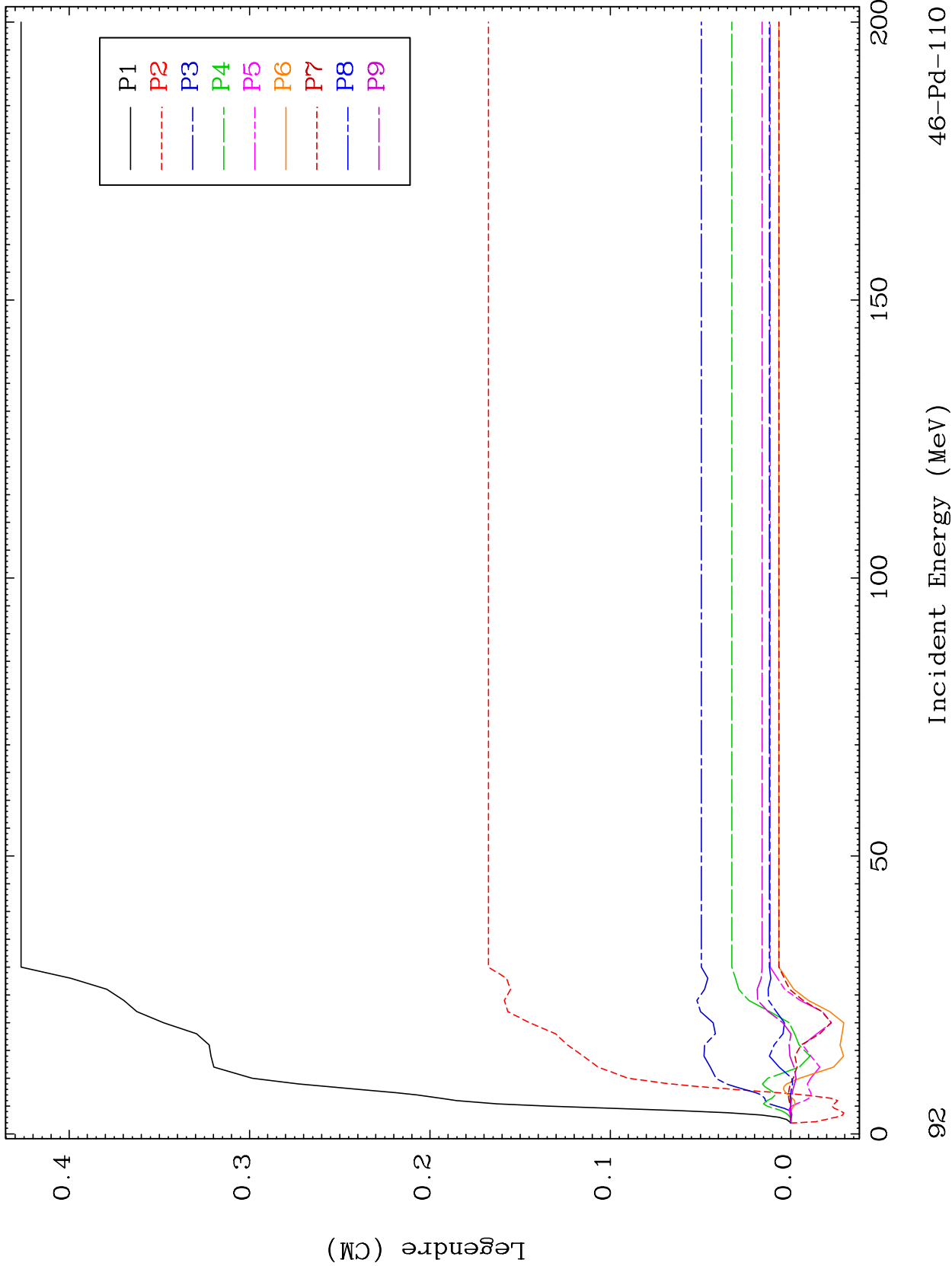
46-Pd-110



MAT 4649

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

46-Pd-110



46-Pd-110

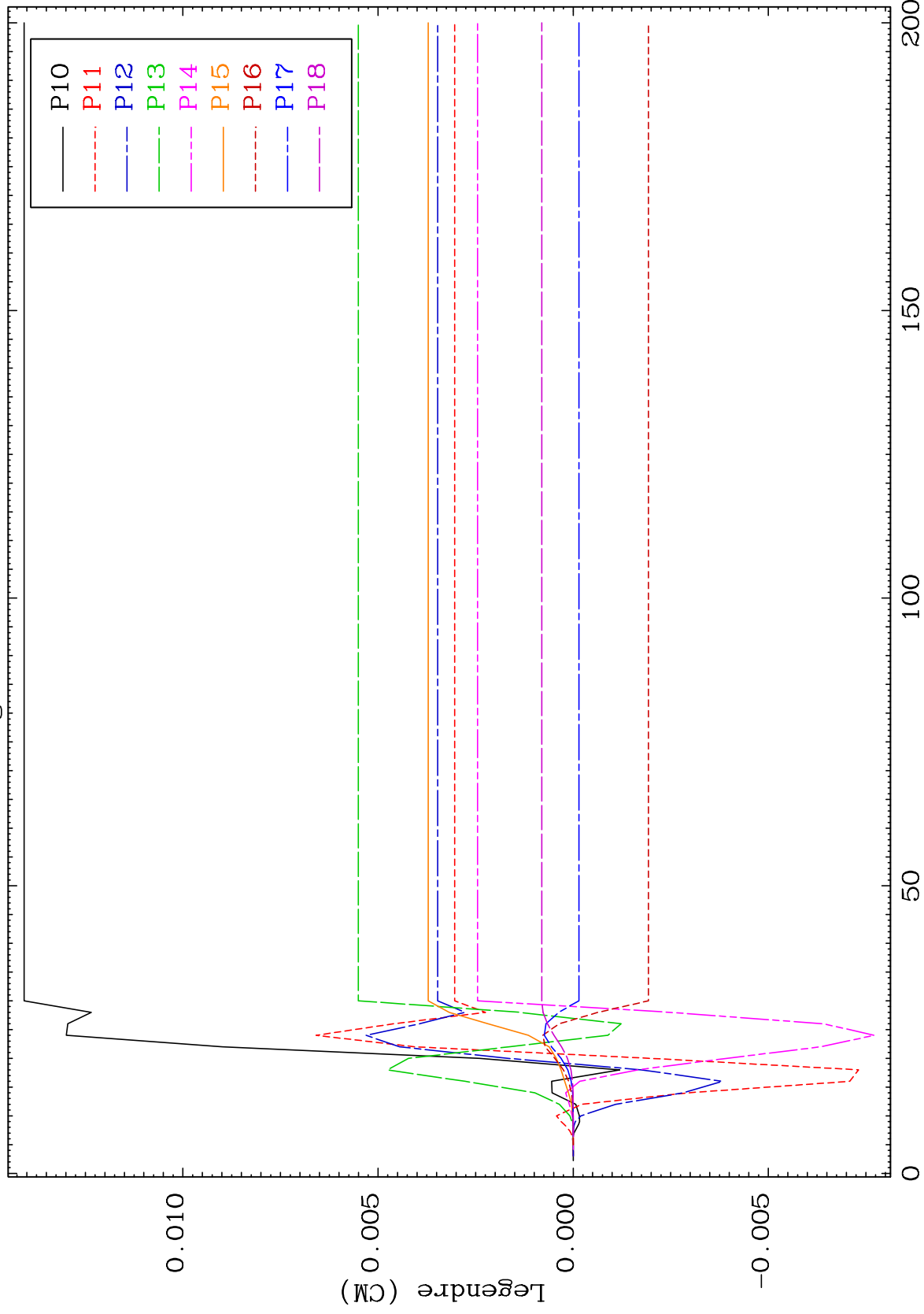
Incident Energy (MeV)

92

MAT 4649

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

46-Pd-110



93

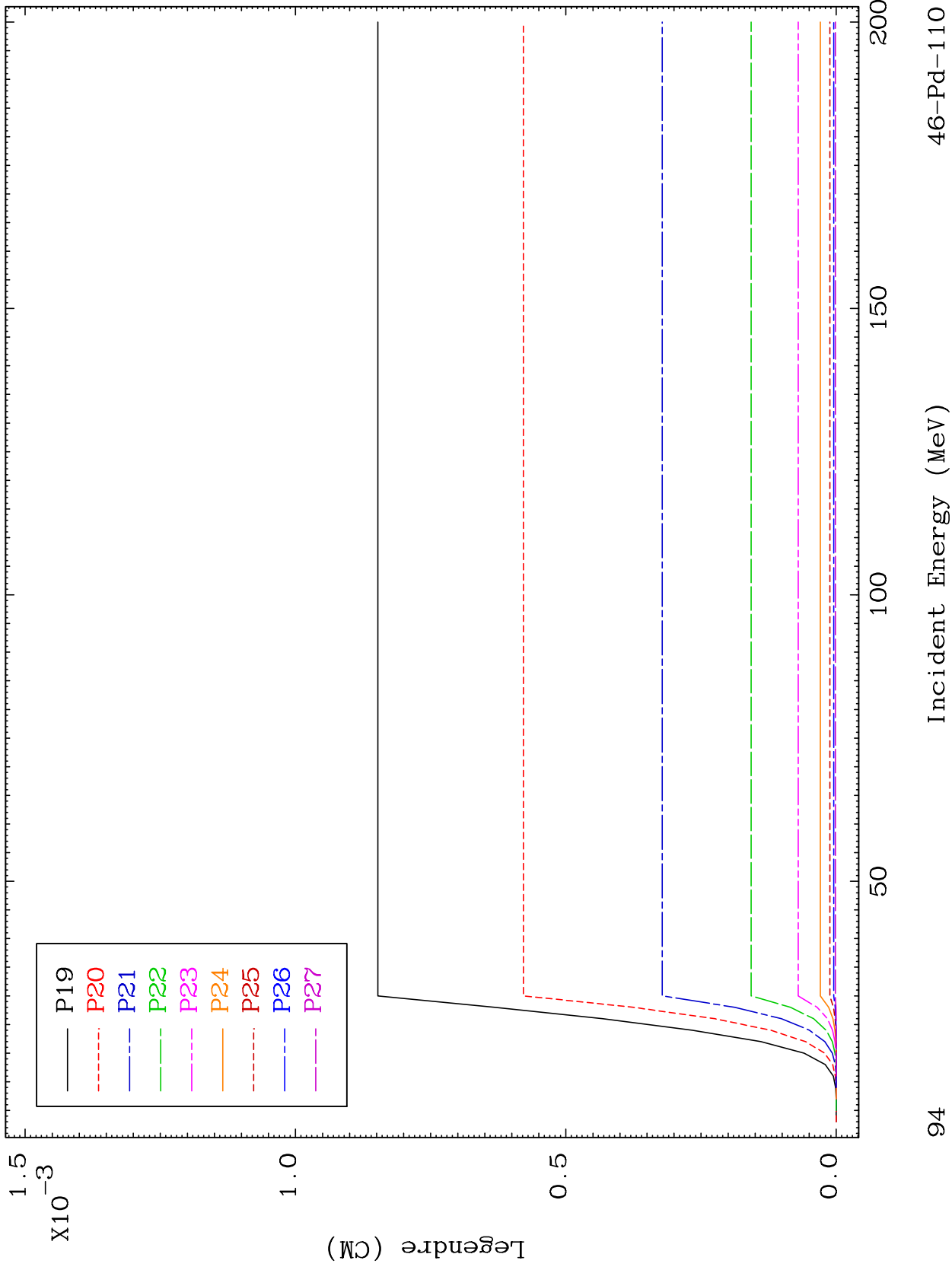
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

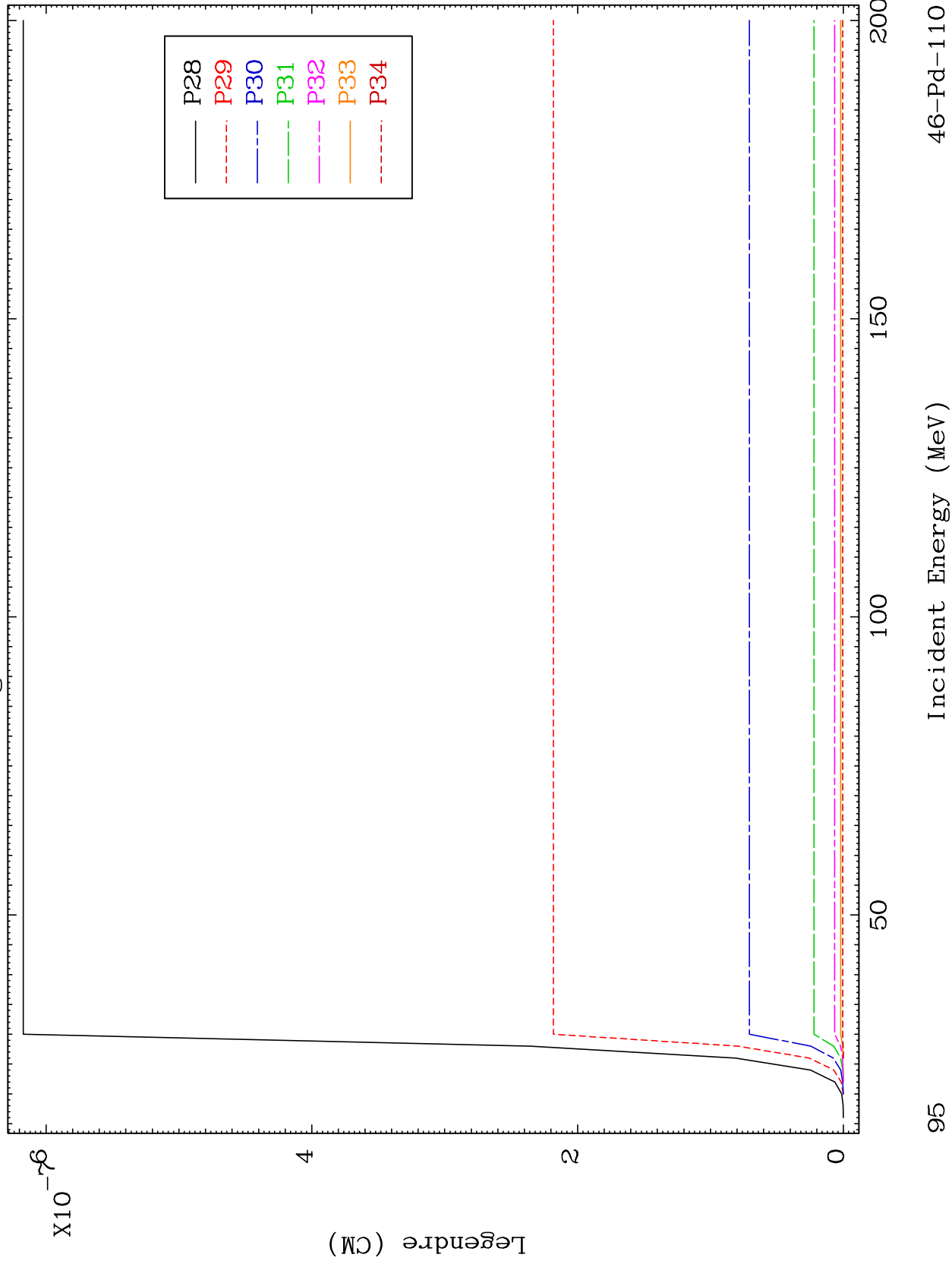
46-Pd-110



MAT 4649

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

46-Pd-110

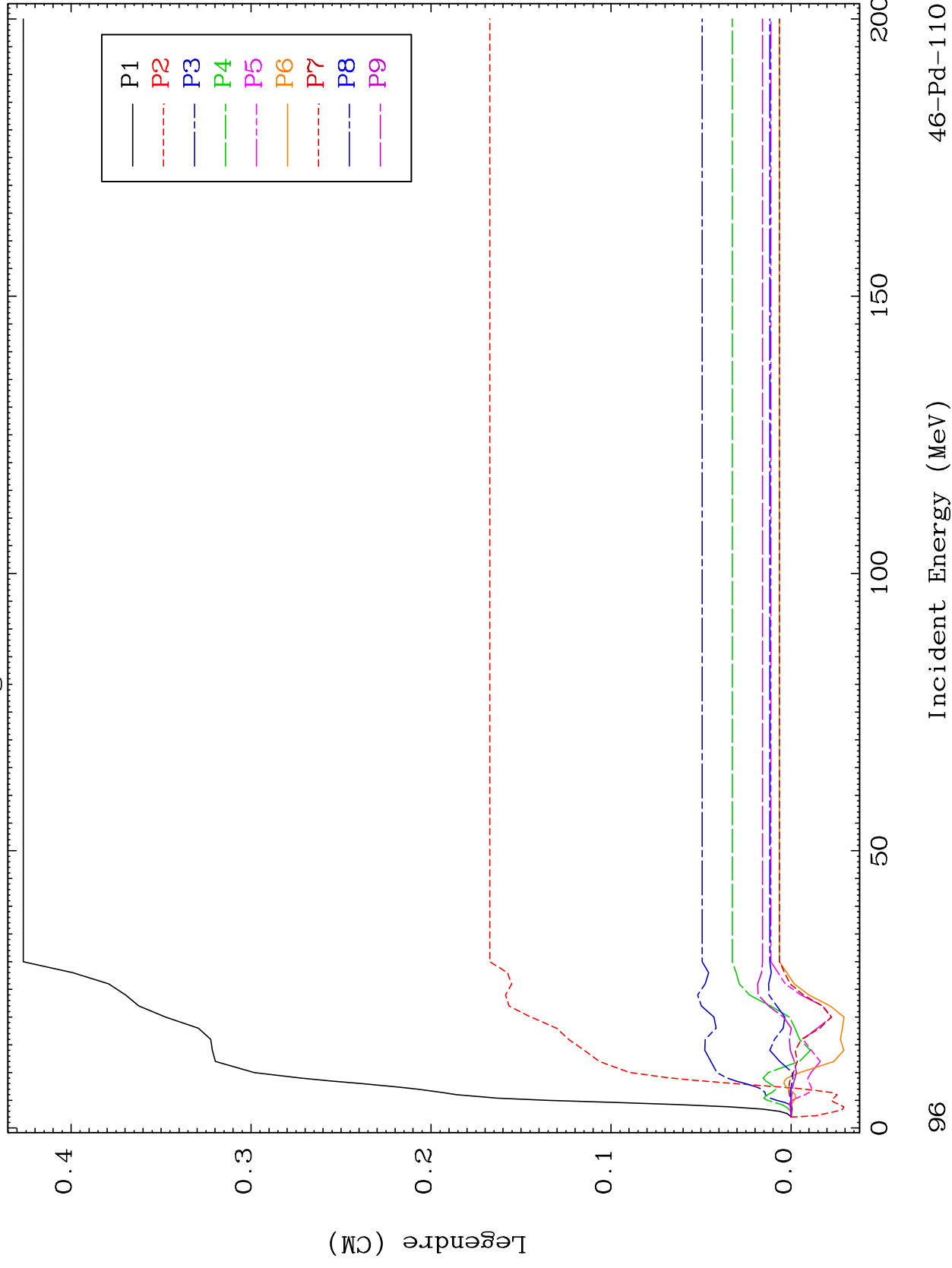




MAT 4649

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

46-Pd-110



46-Pd-110

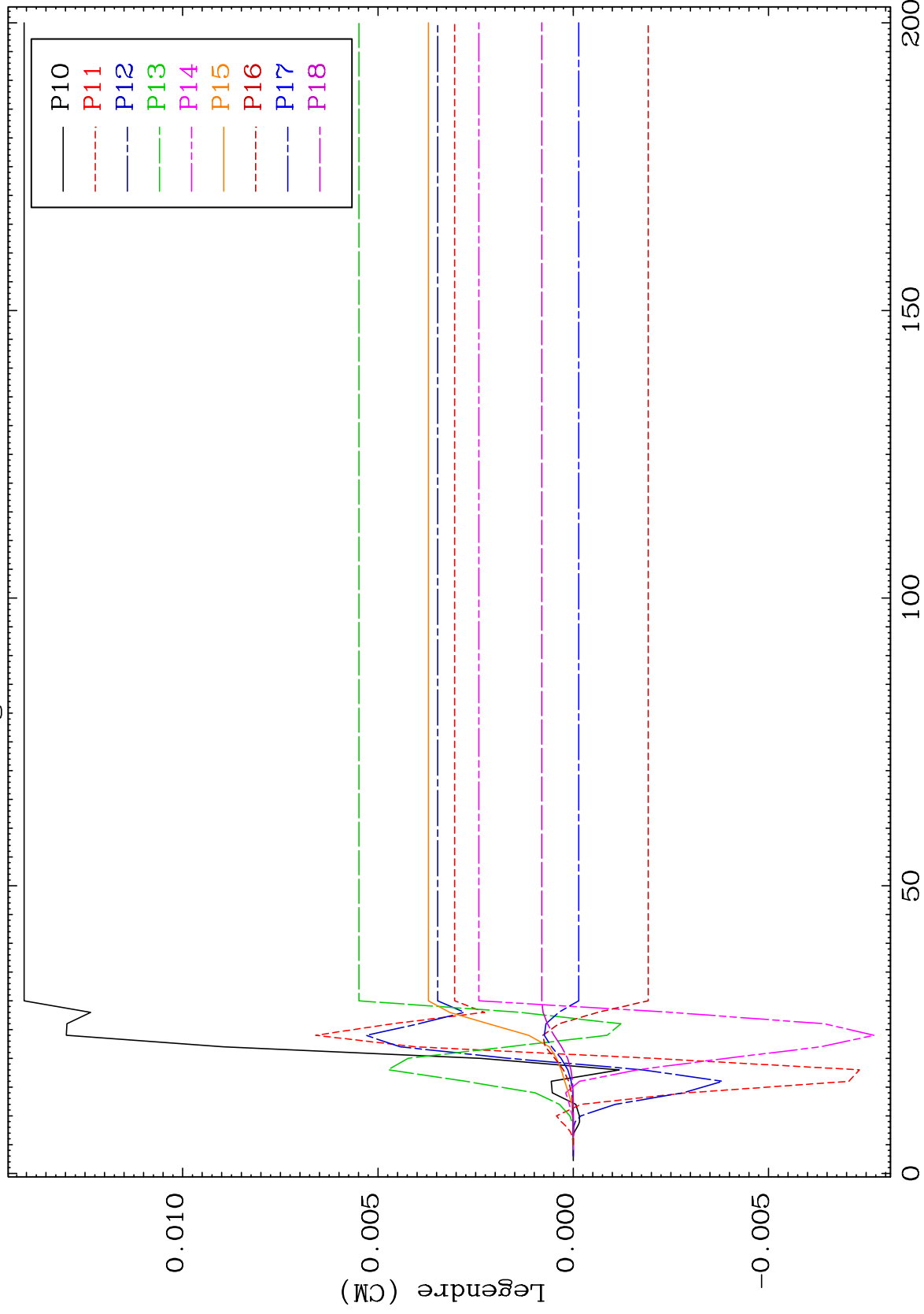
Incident Energy (MeV)

96

MAT 4649

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

46-Pd-110



97

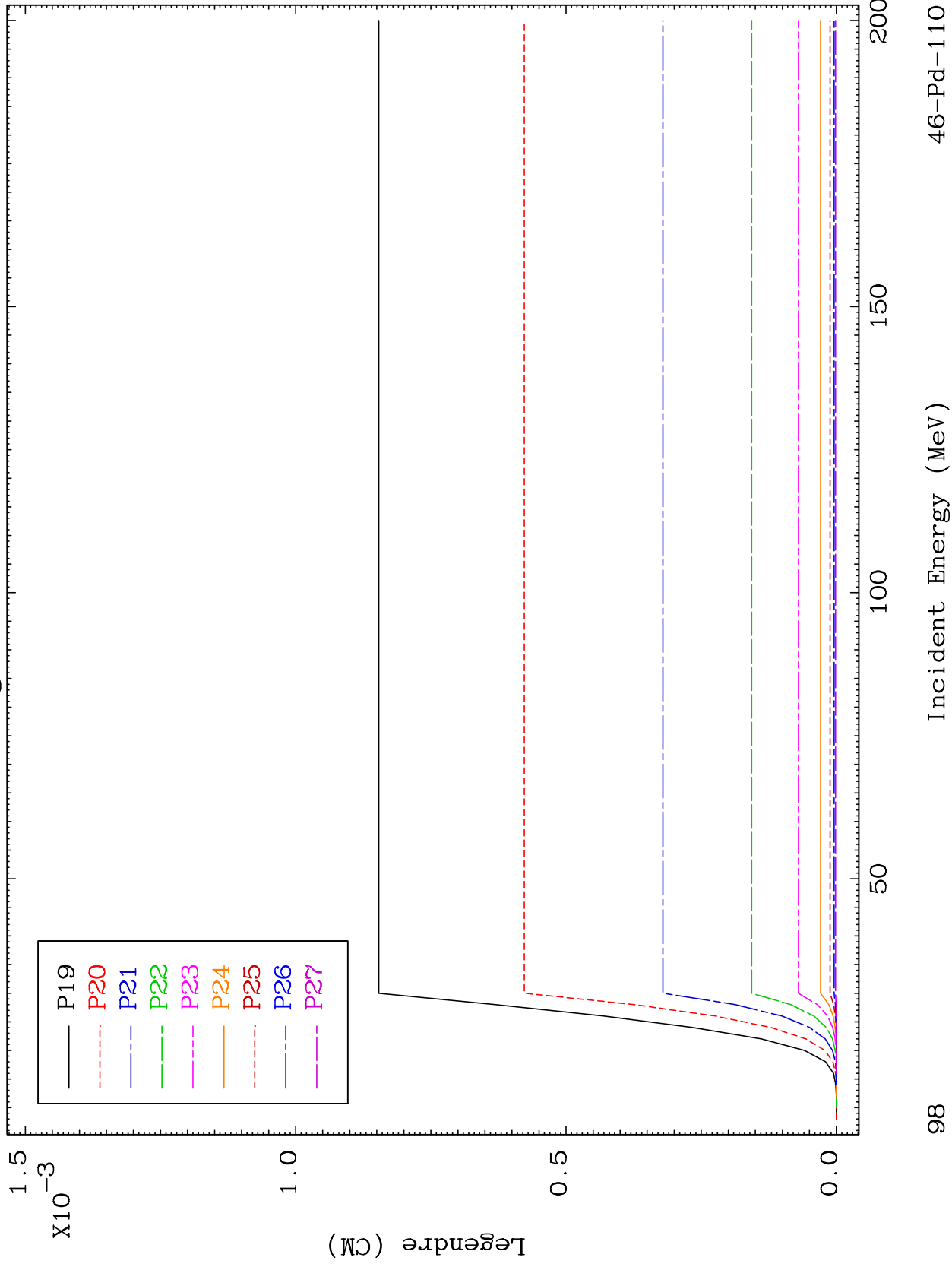
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

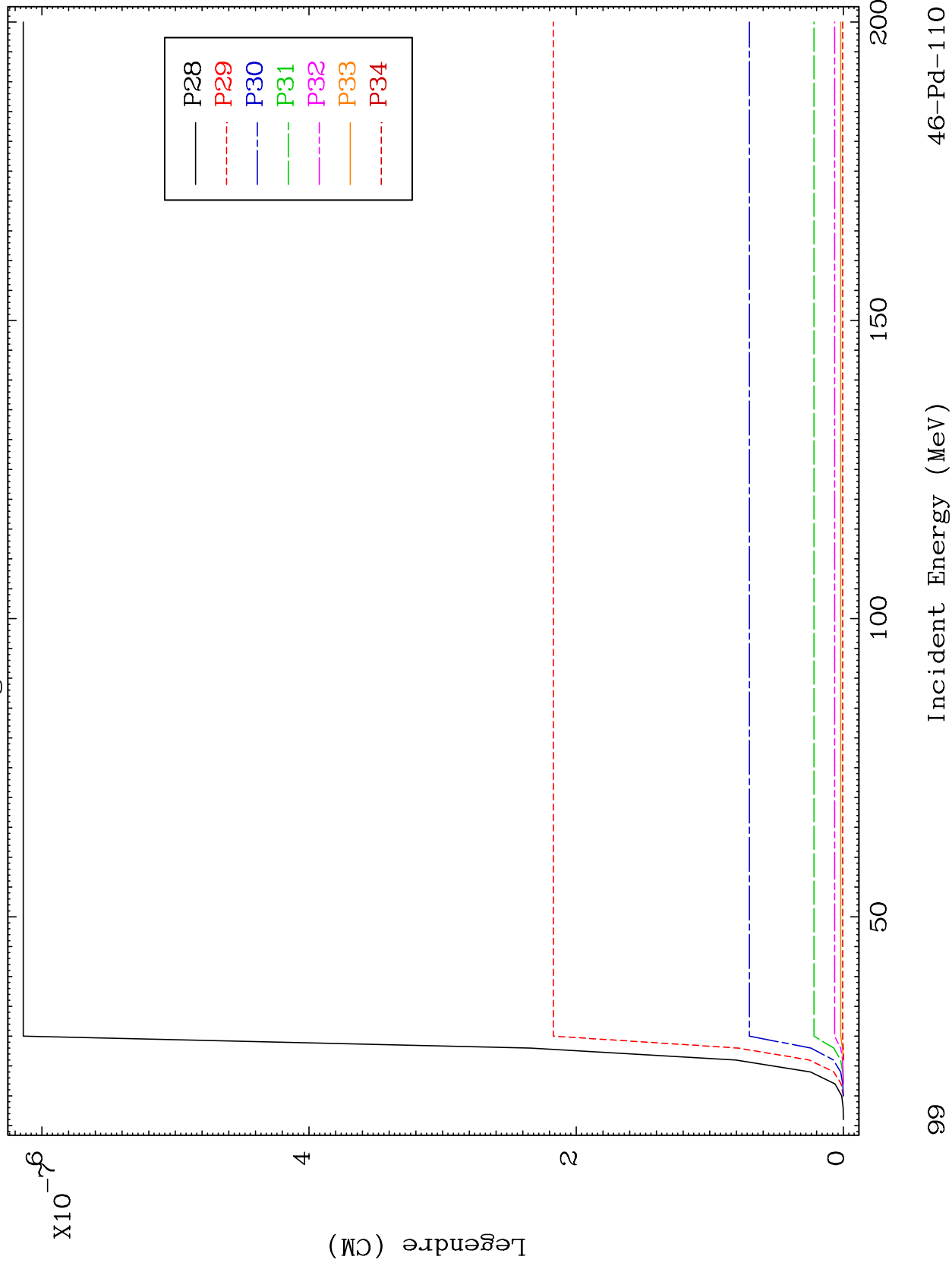
46-Pd-110



MAT 4649

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

46-Pd-110



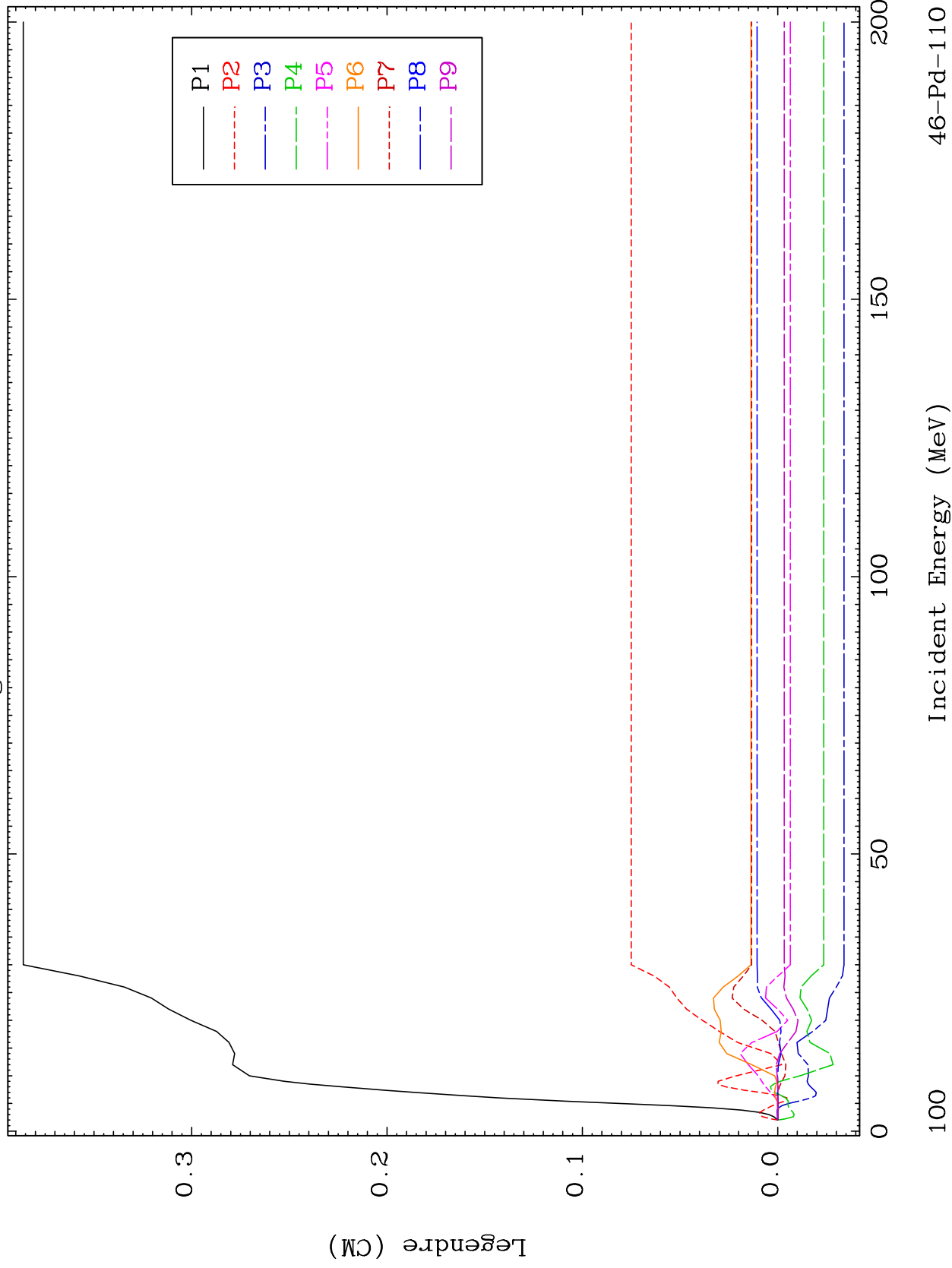
99

46-Pd-110

MAT 4649

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

46-Pd-110



46-Pd-110

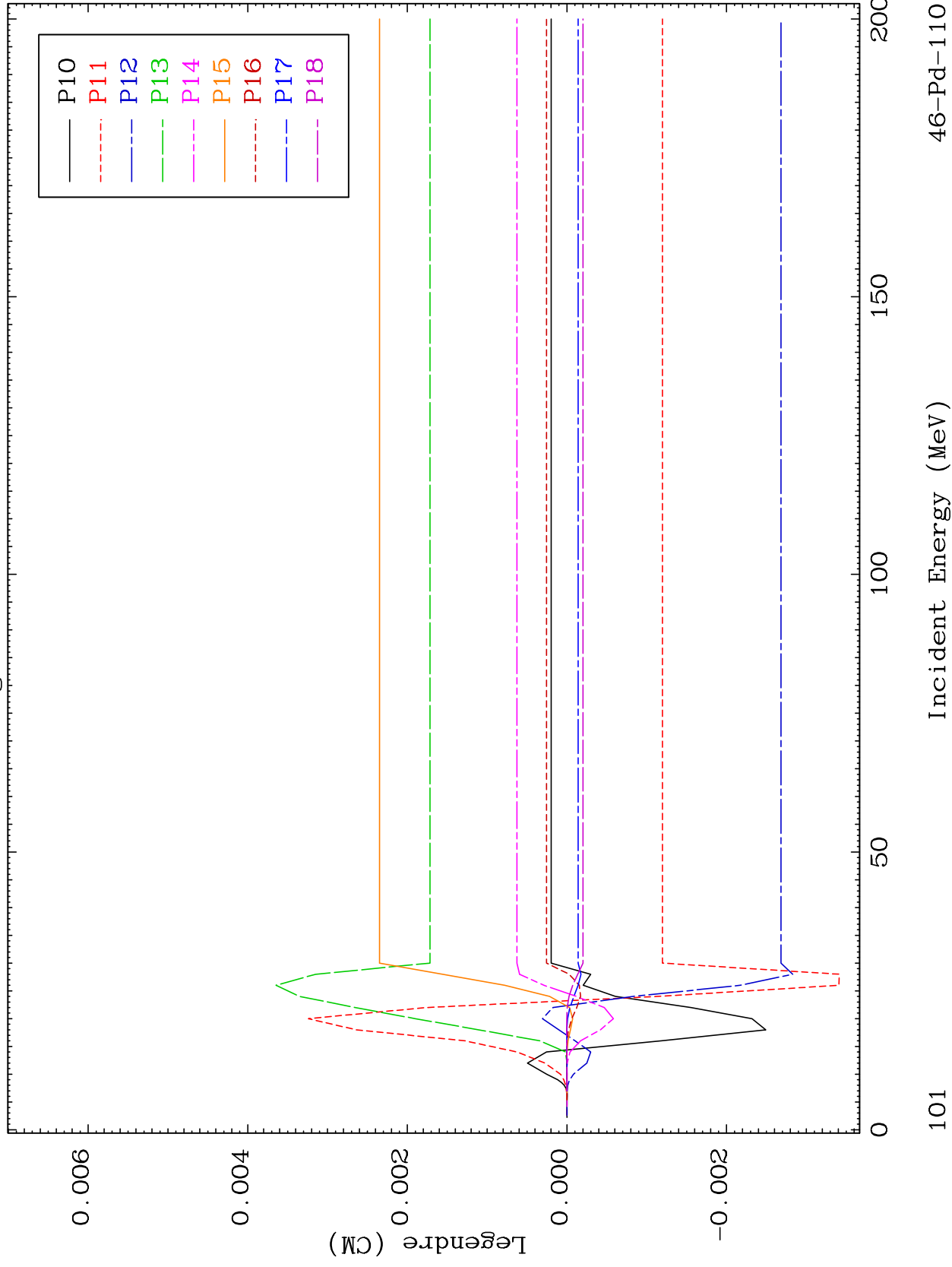
Incident Energy (MeV)

100

MAT 4649

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

46-Pd-110



101

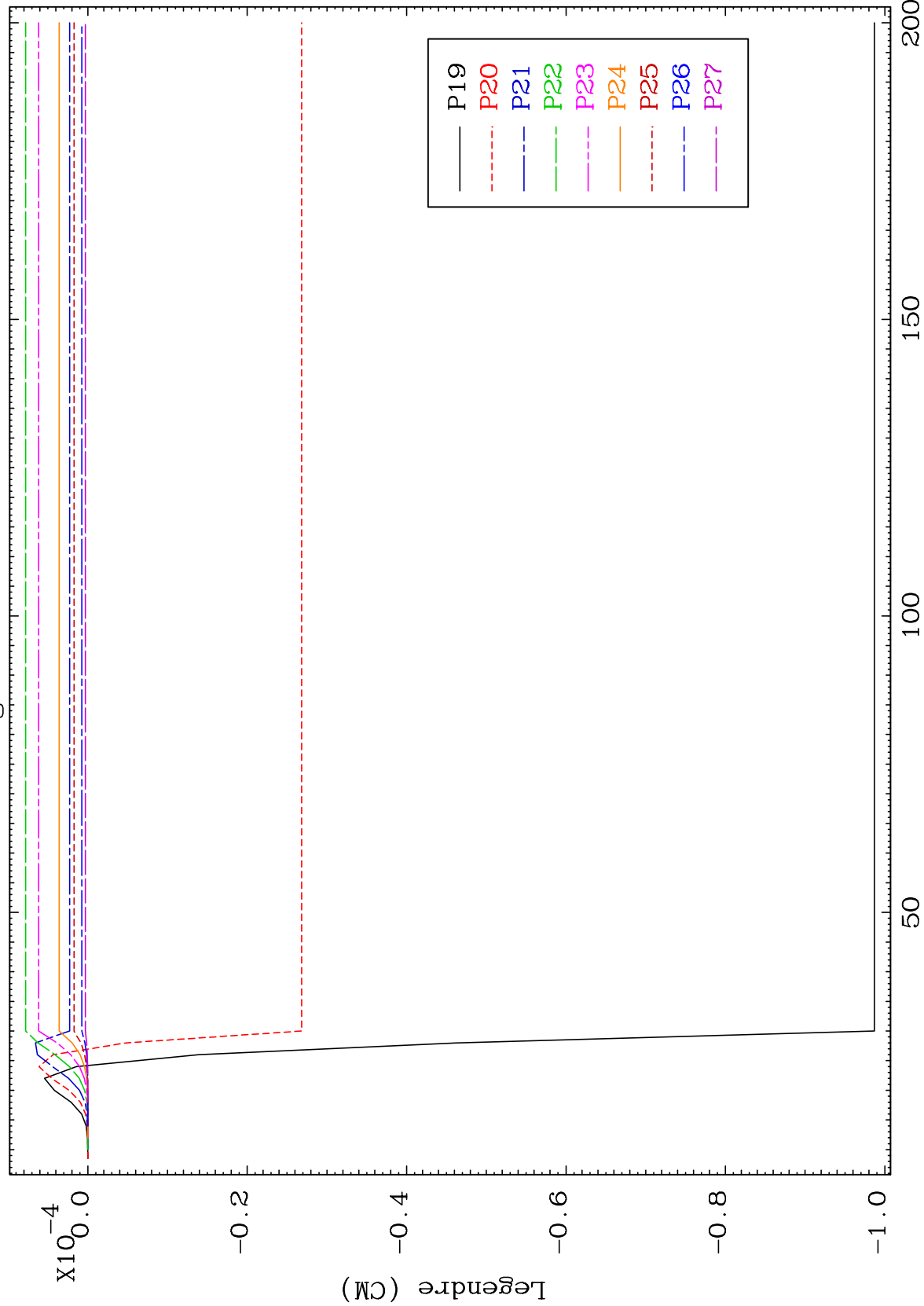
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



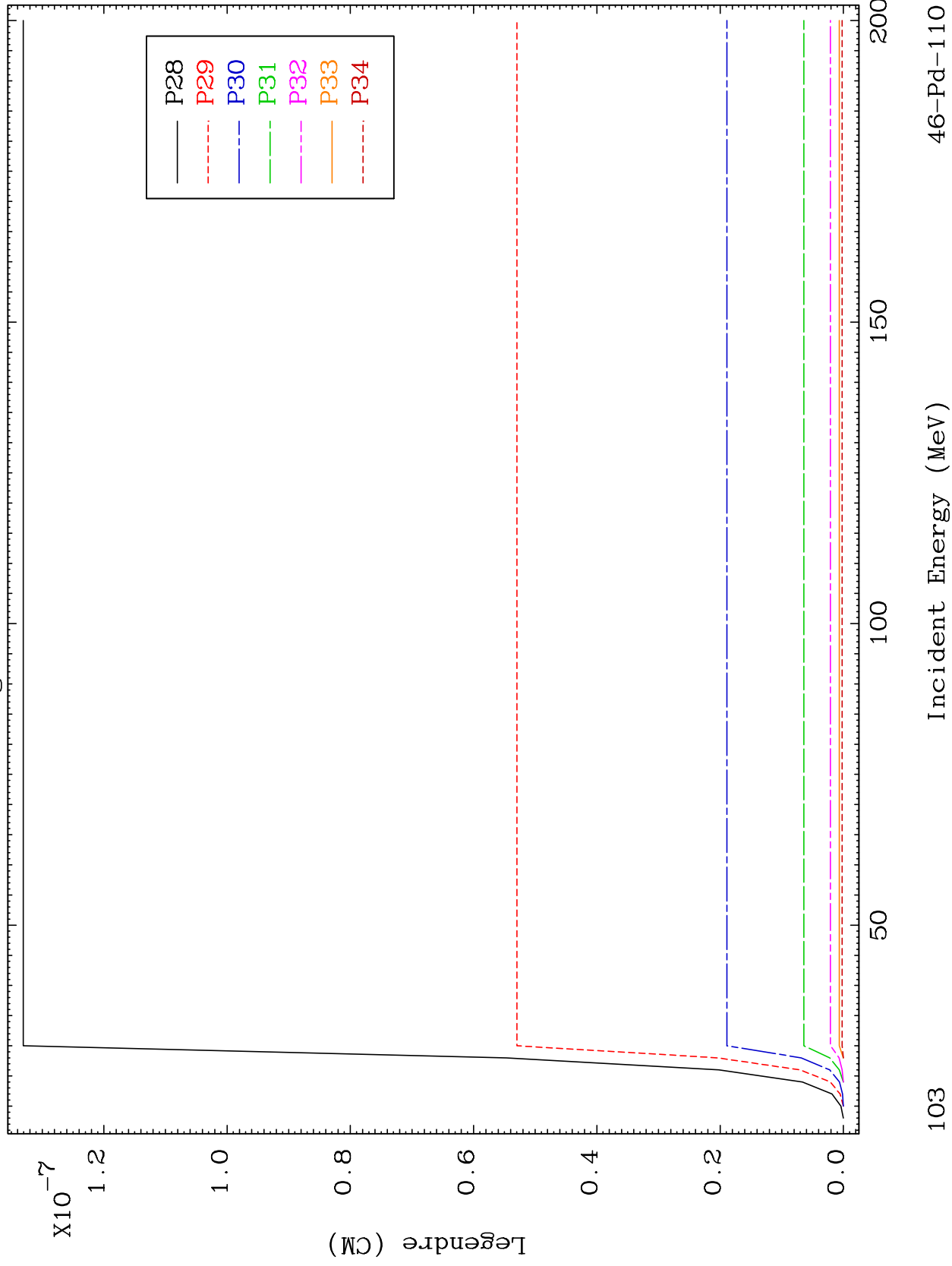
102

46-Pd-110

MAT 4649

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

46-Pd-110



103

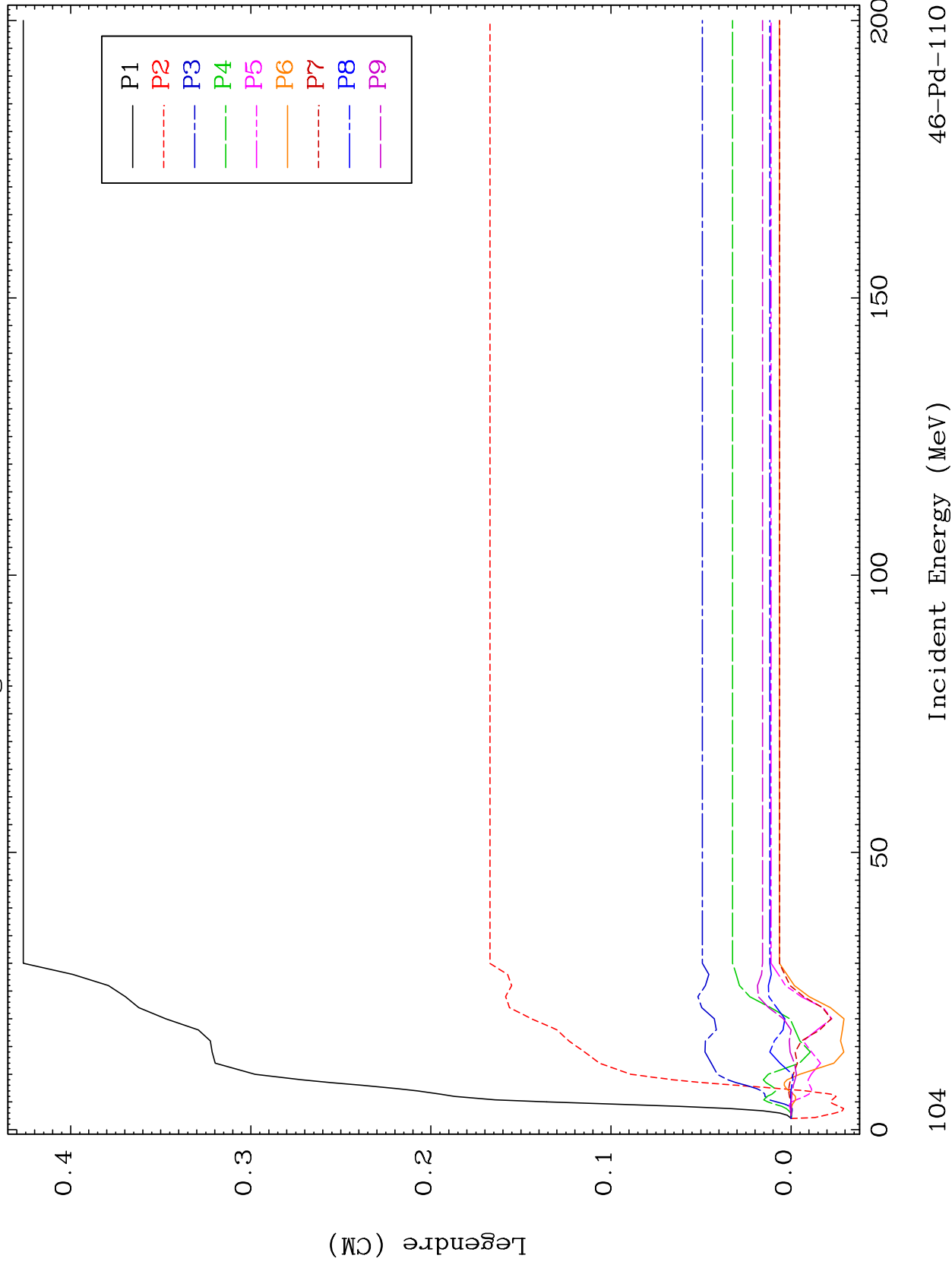
46-Pd-110



MAT 4649

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

46-Pd-110



46-Pd-110

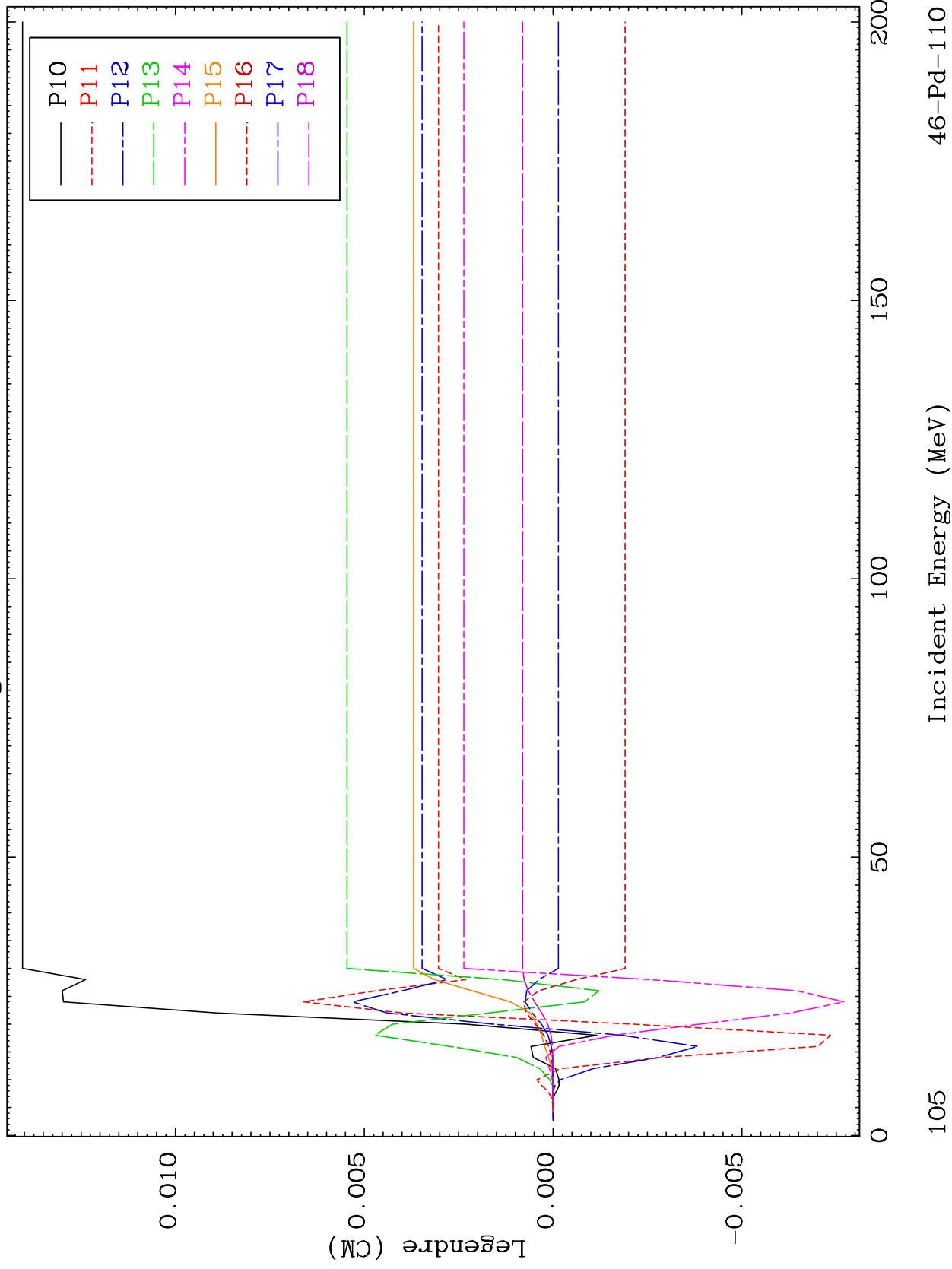
Incident Energy (MeV)

104

MAT 4649

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

46-Pd-110



46-Pd-110

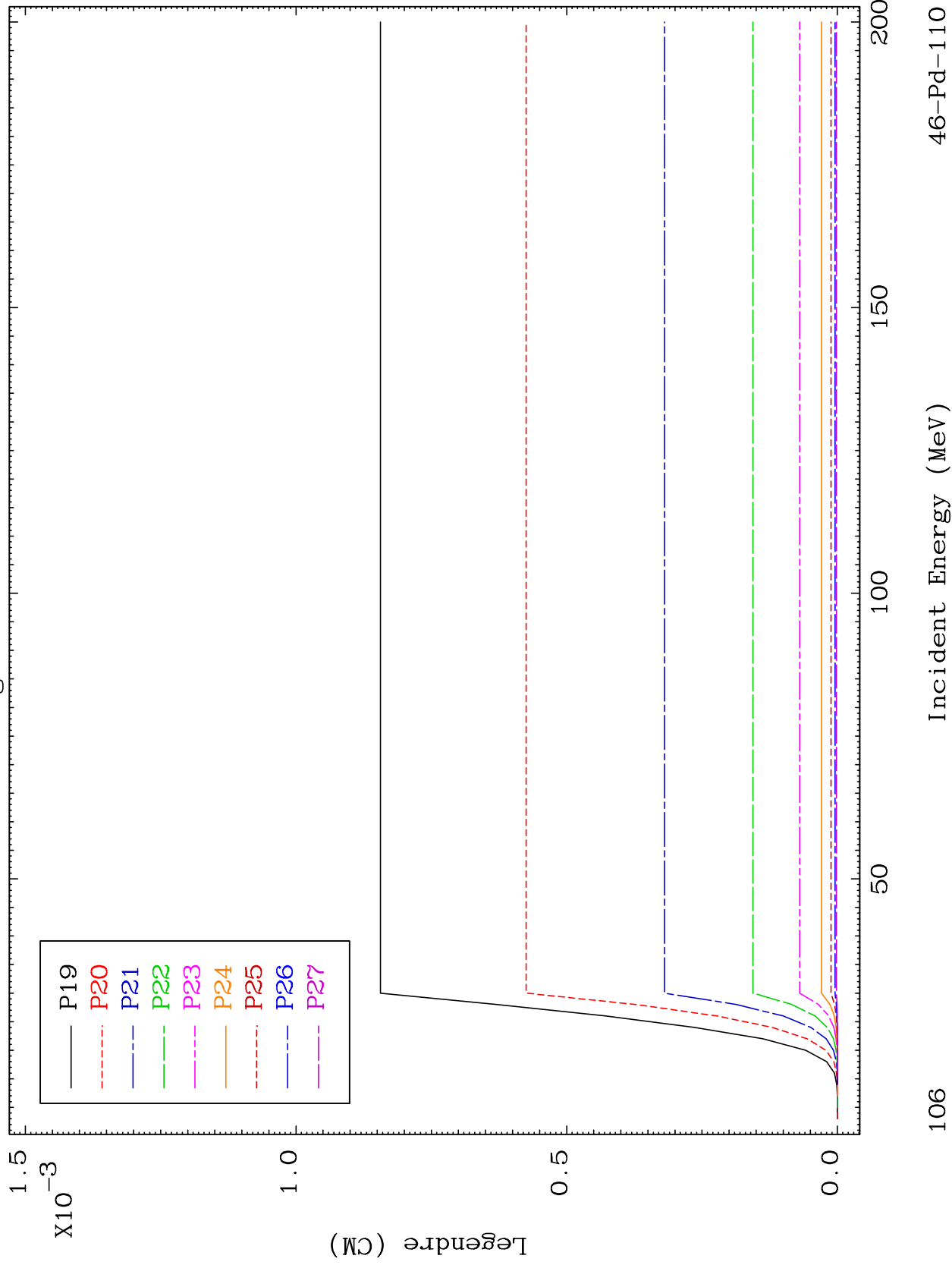
Incident Energy (MeV)

105

MAT 4649

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

46-Pd-110



106

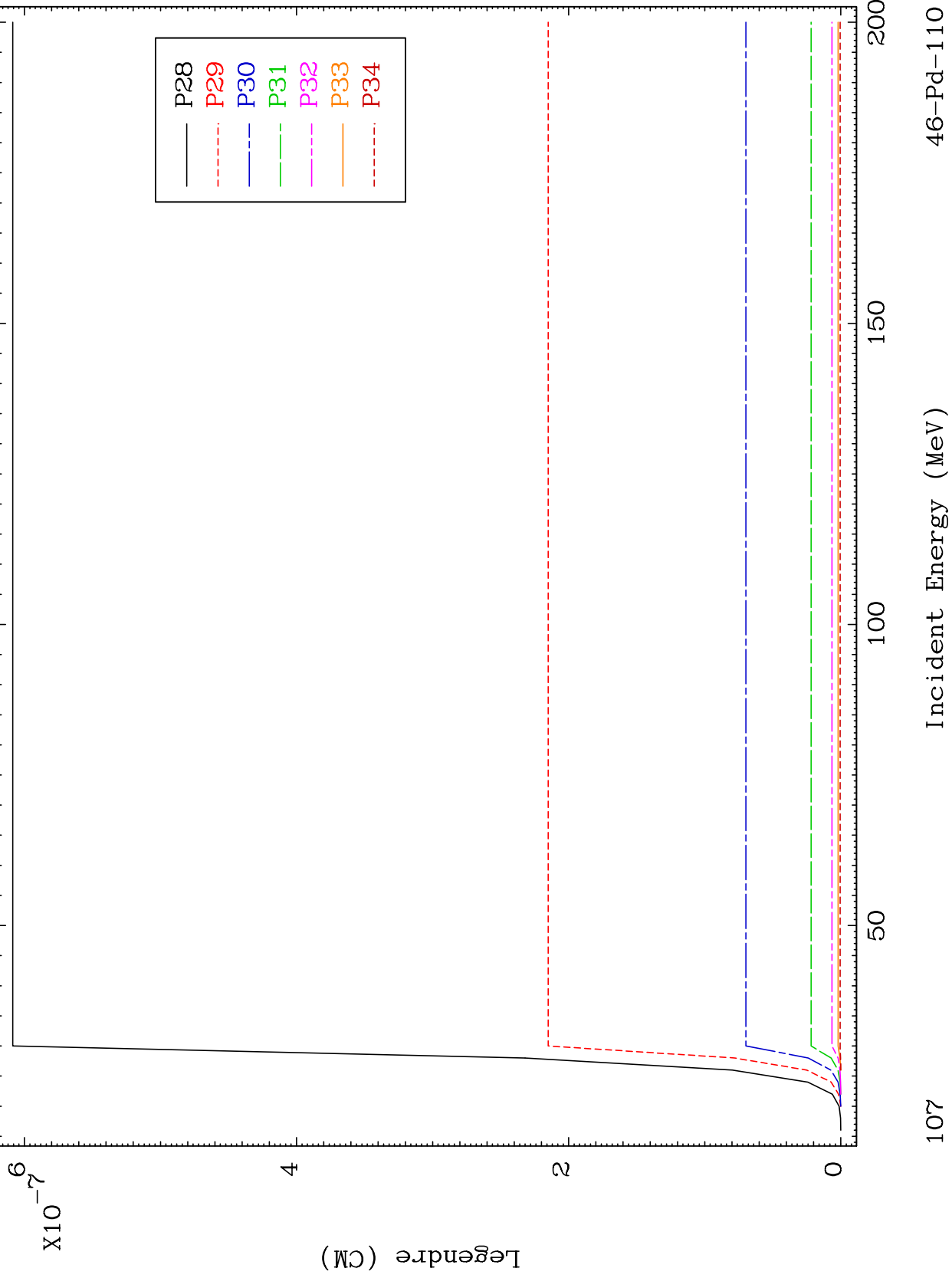
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



107

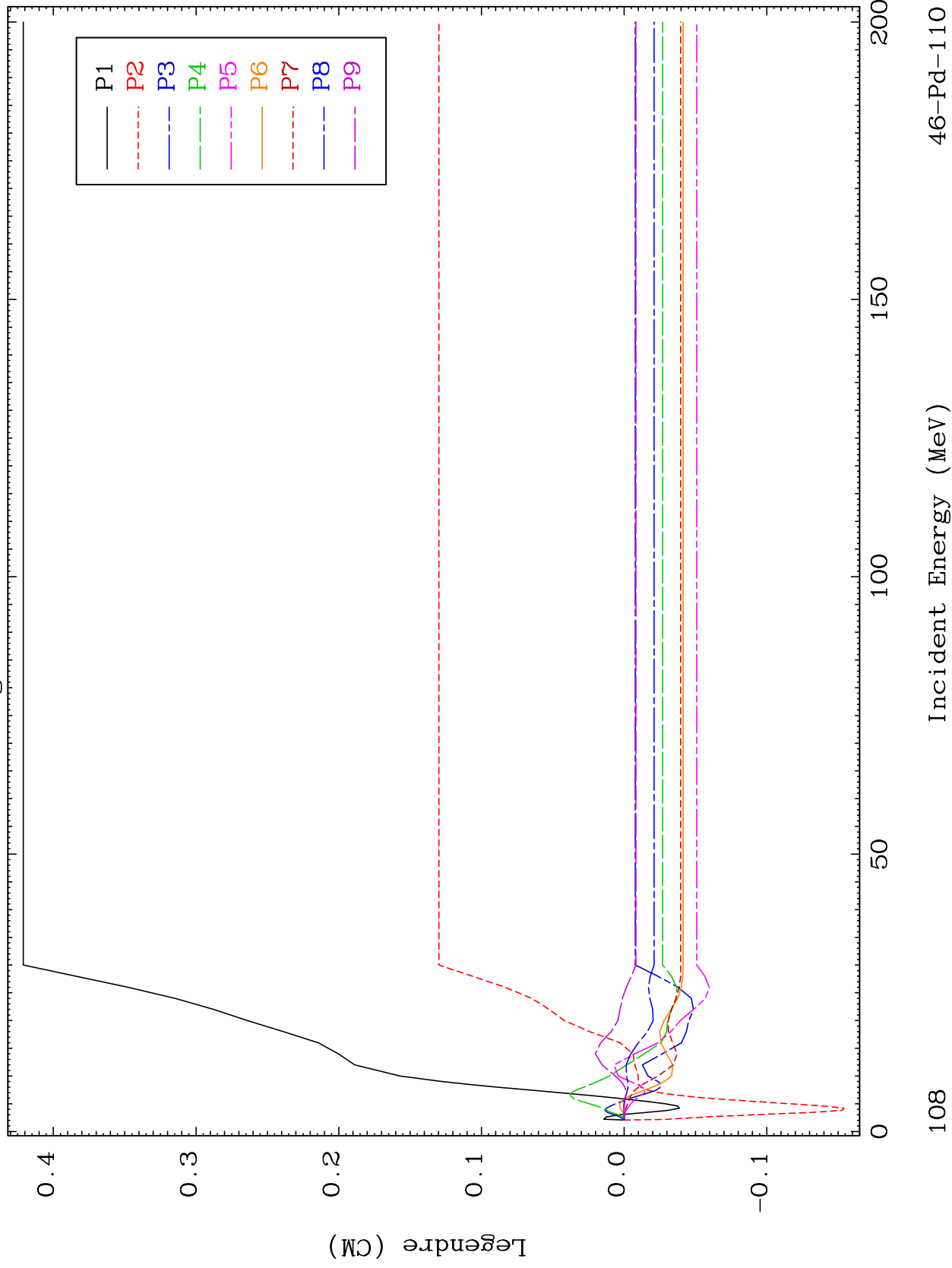
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



46-Pd-110

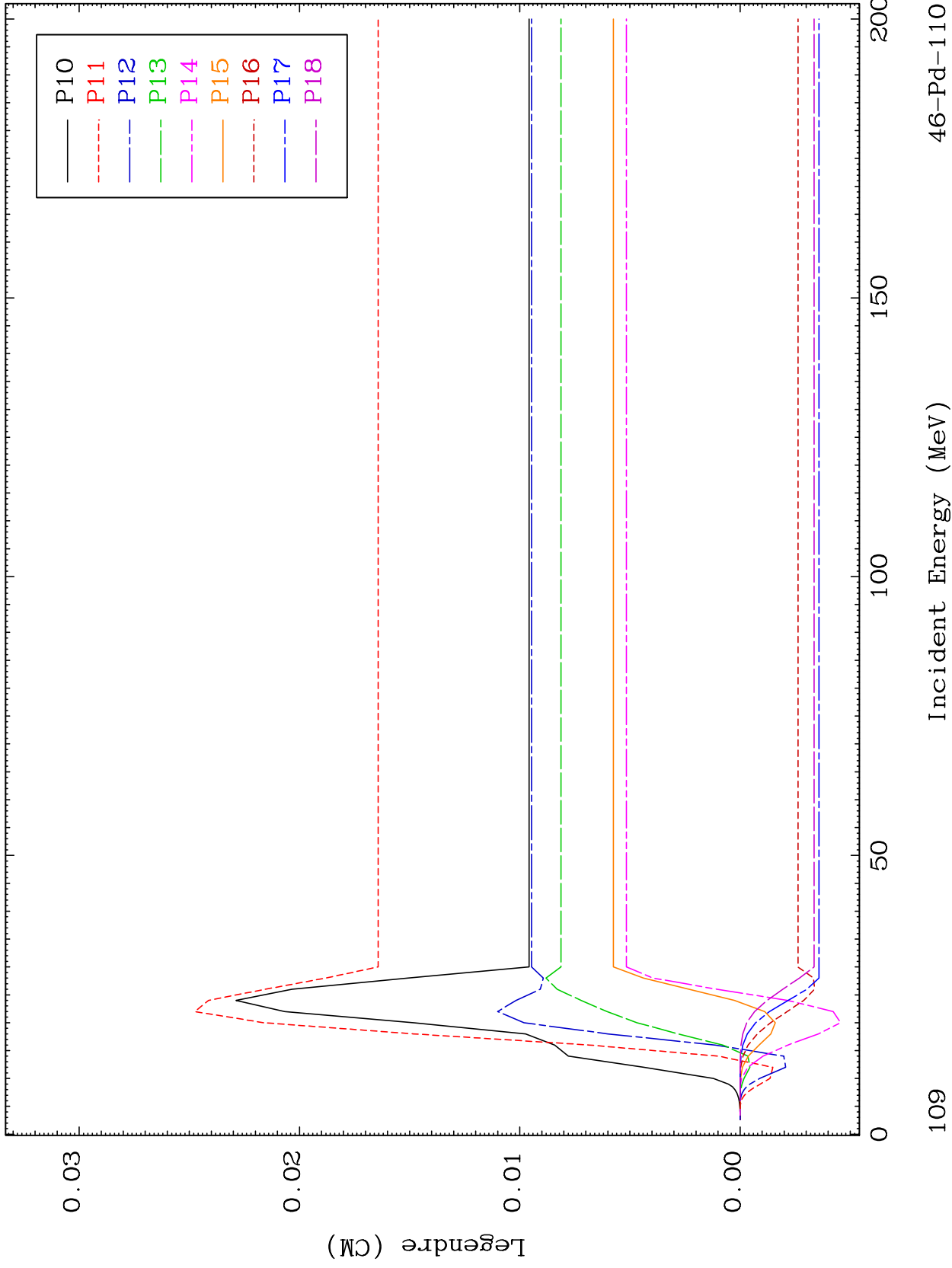
Incident Energy (MeV)

108

MAT 4649

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

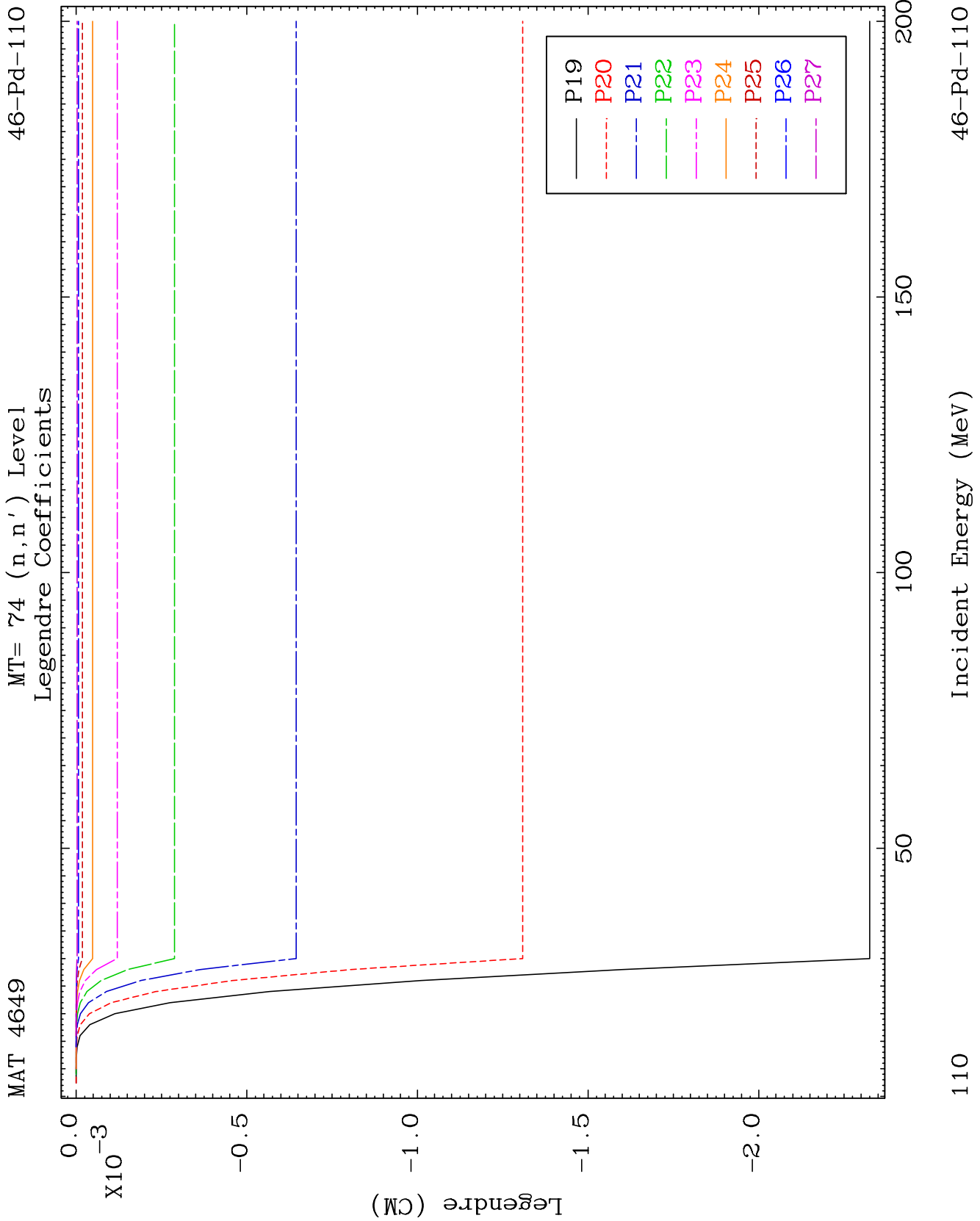
46-Pd-110

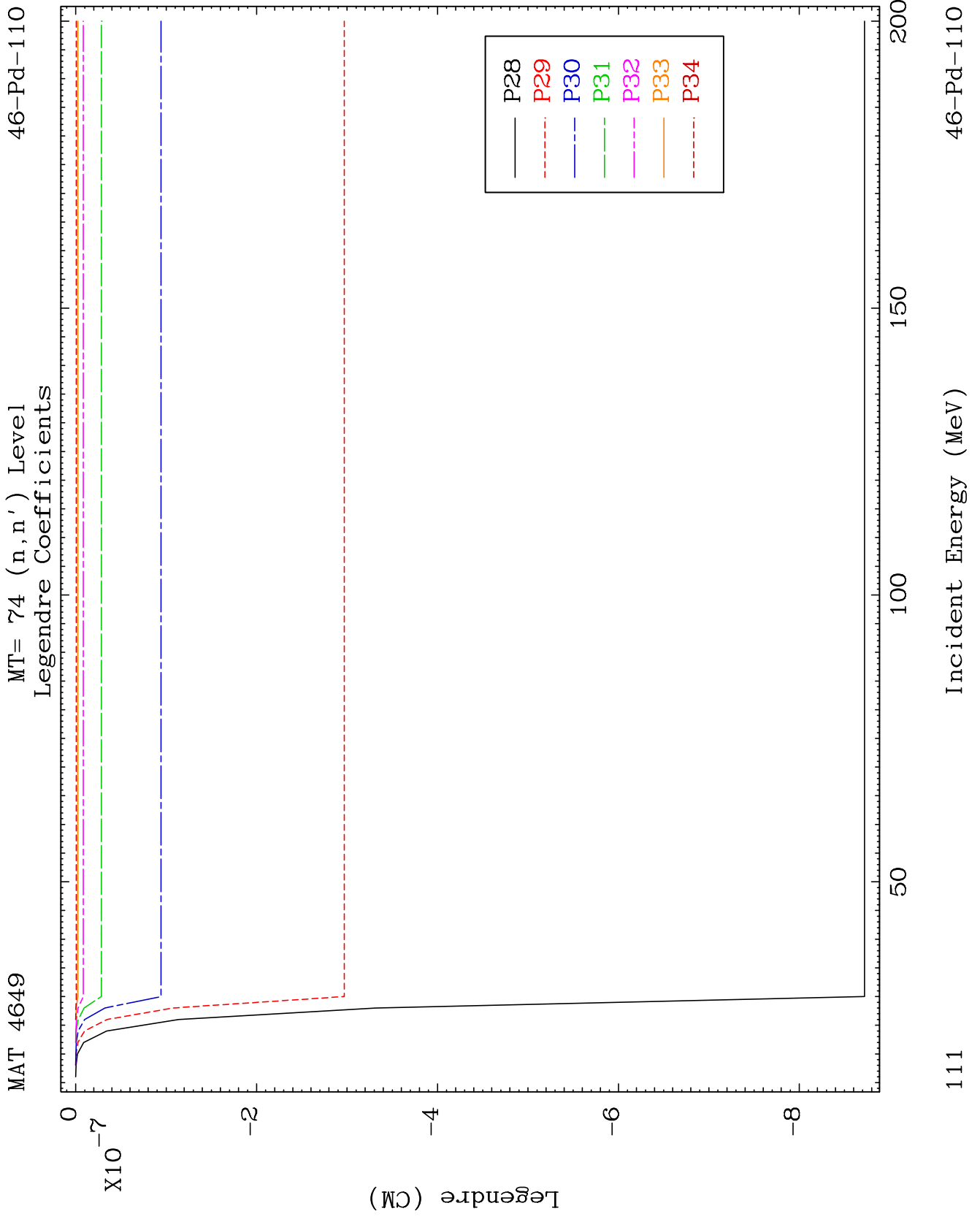


109

Incident Energy (MeV)

46-Pd-110



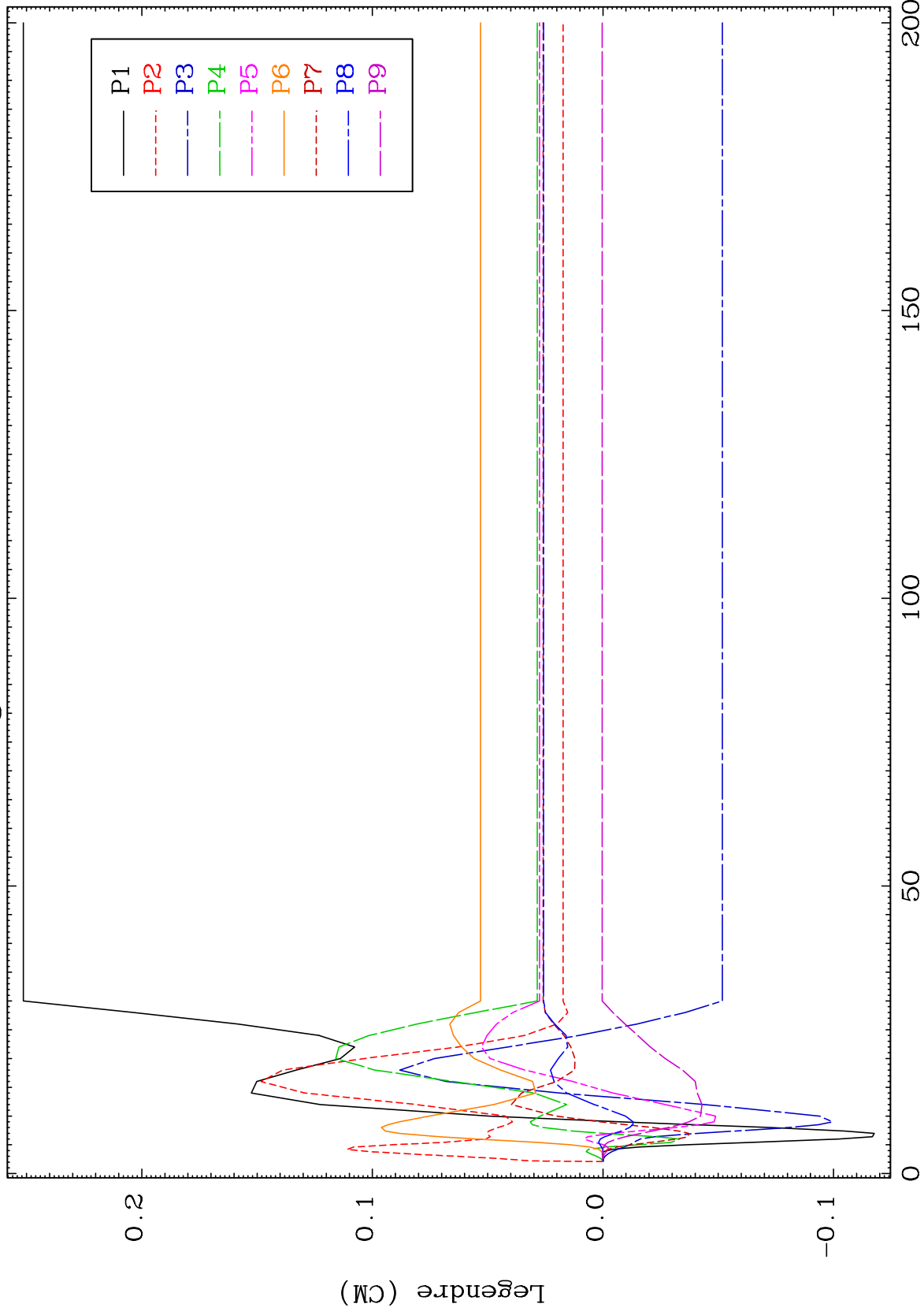




MAT 4649

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

46-Pd-110



112

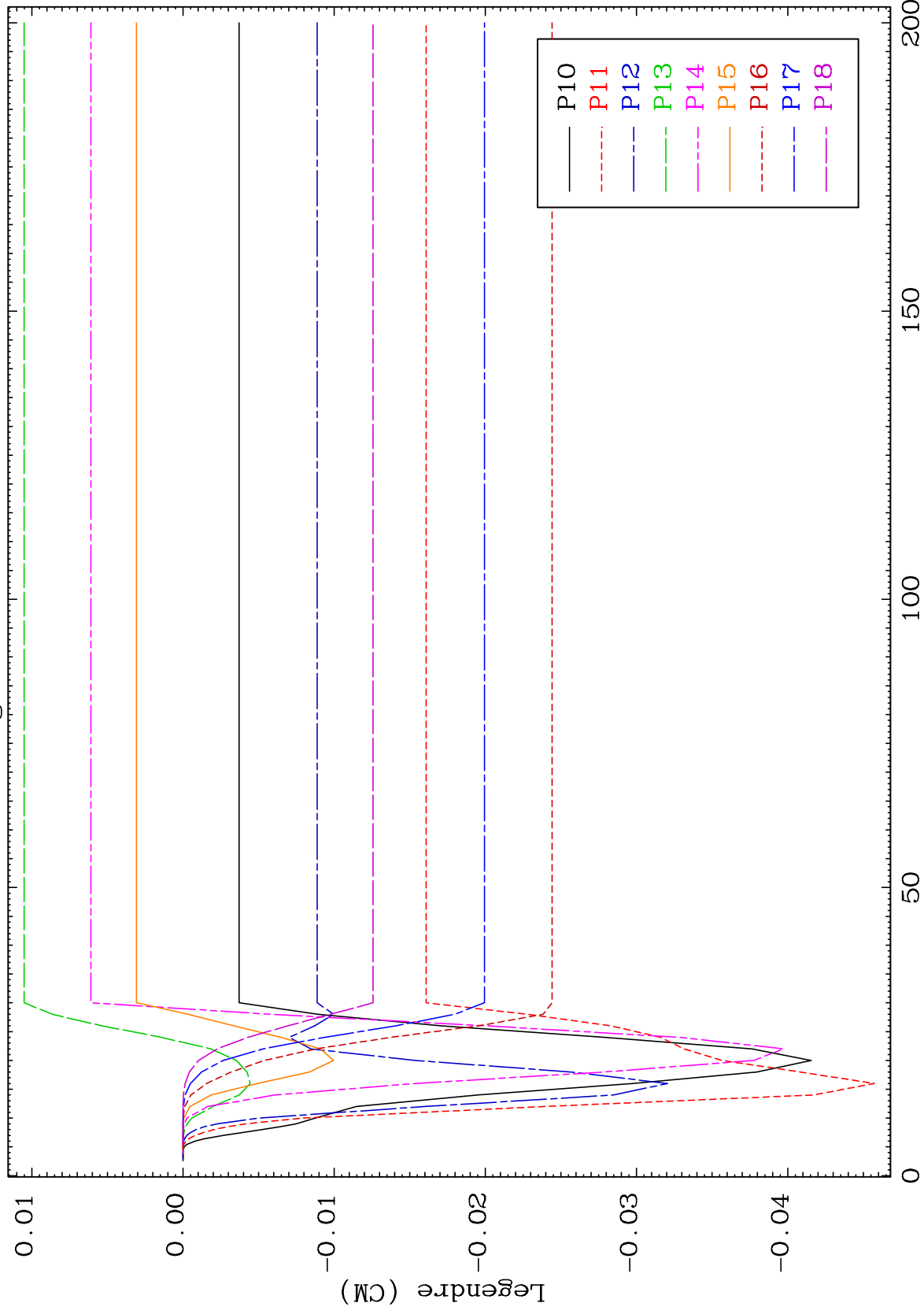
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

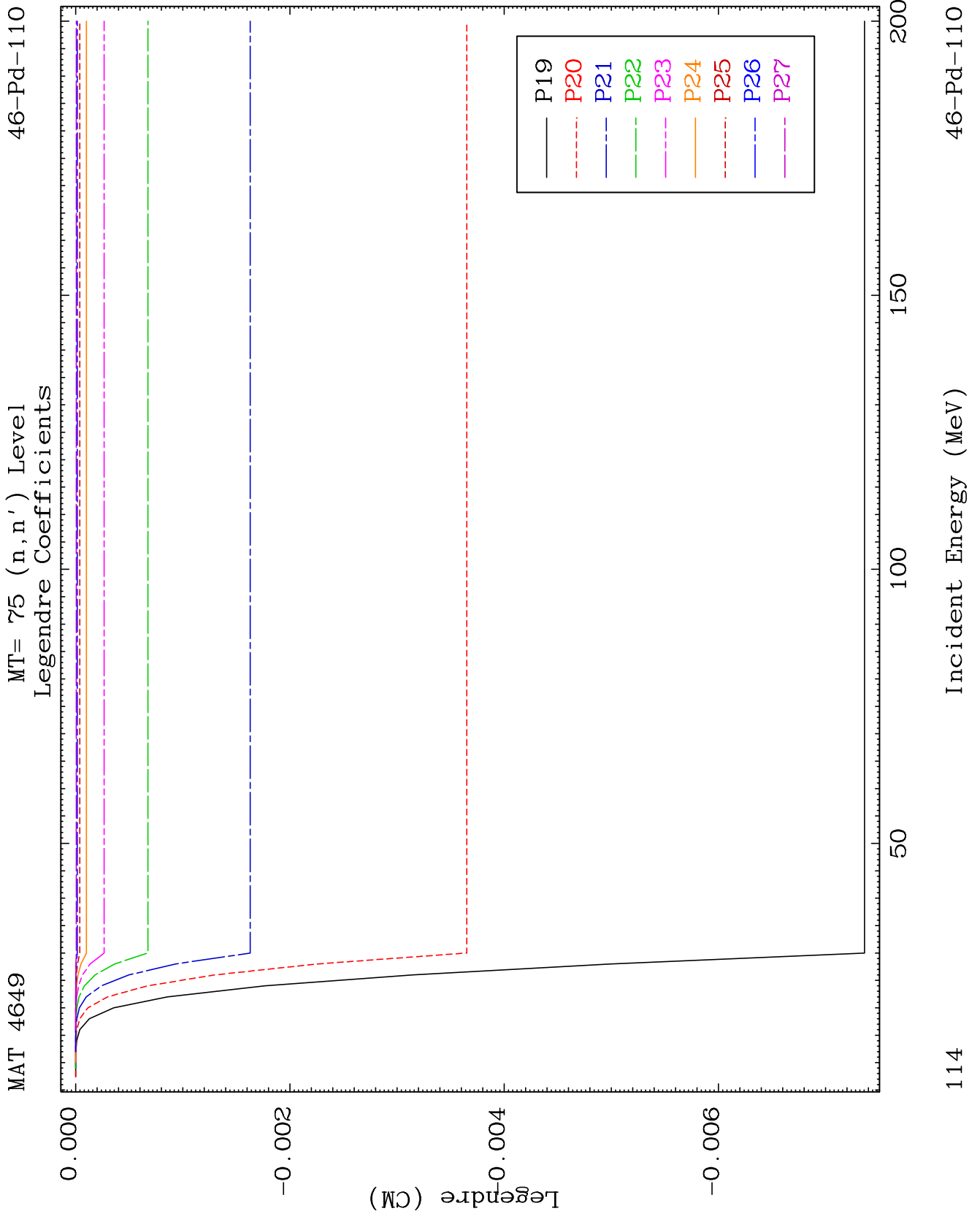
46-Pd-110

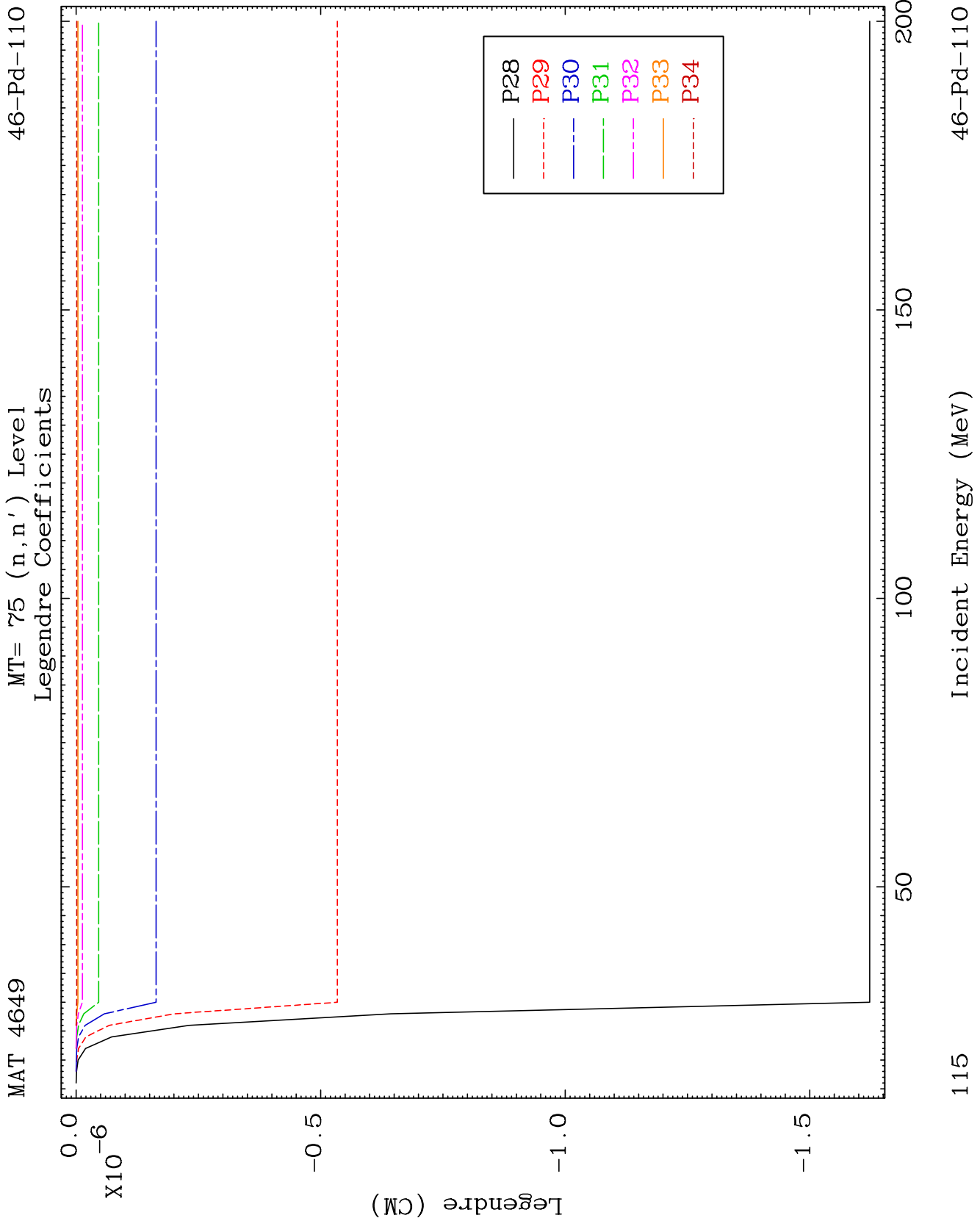


113

Incident Energy (MeV)

46-Pd-110

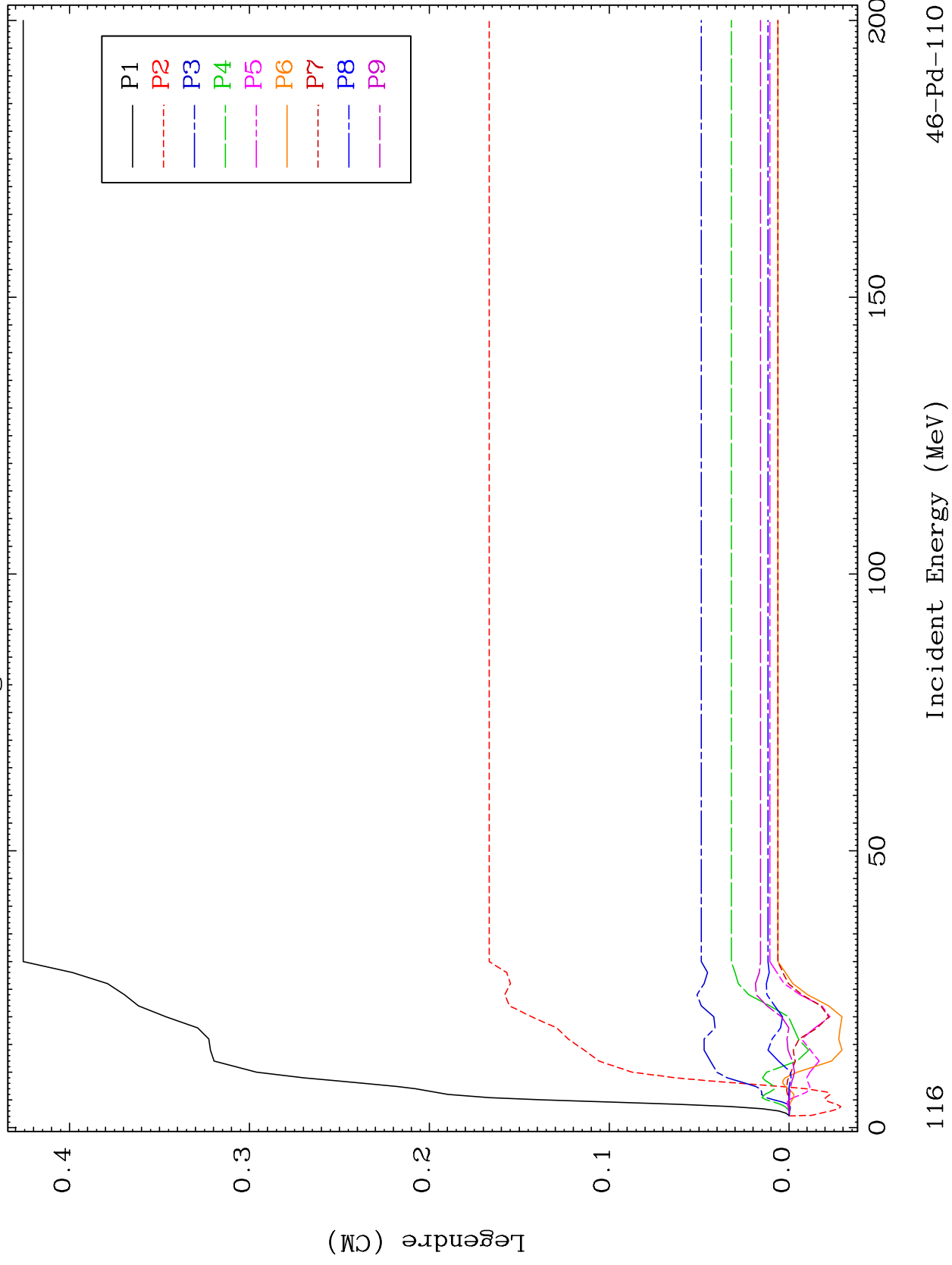




MAT 4649

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

46-Pd-110



46-Pd-110

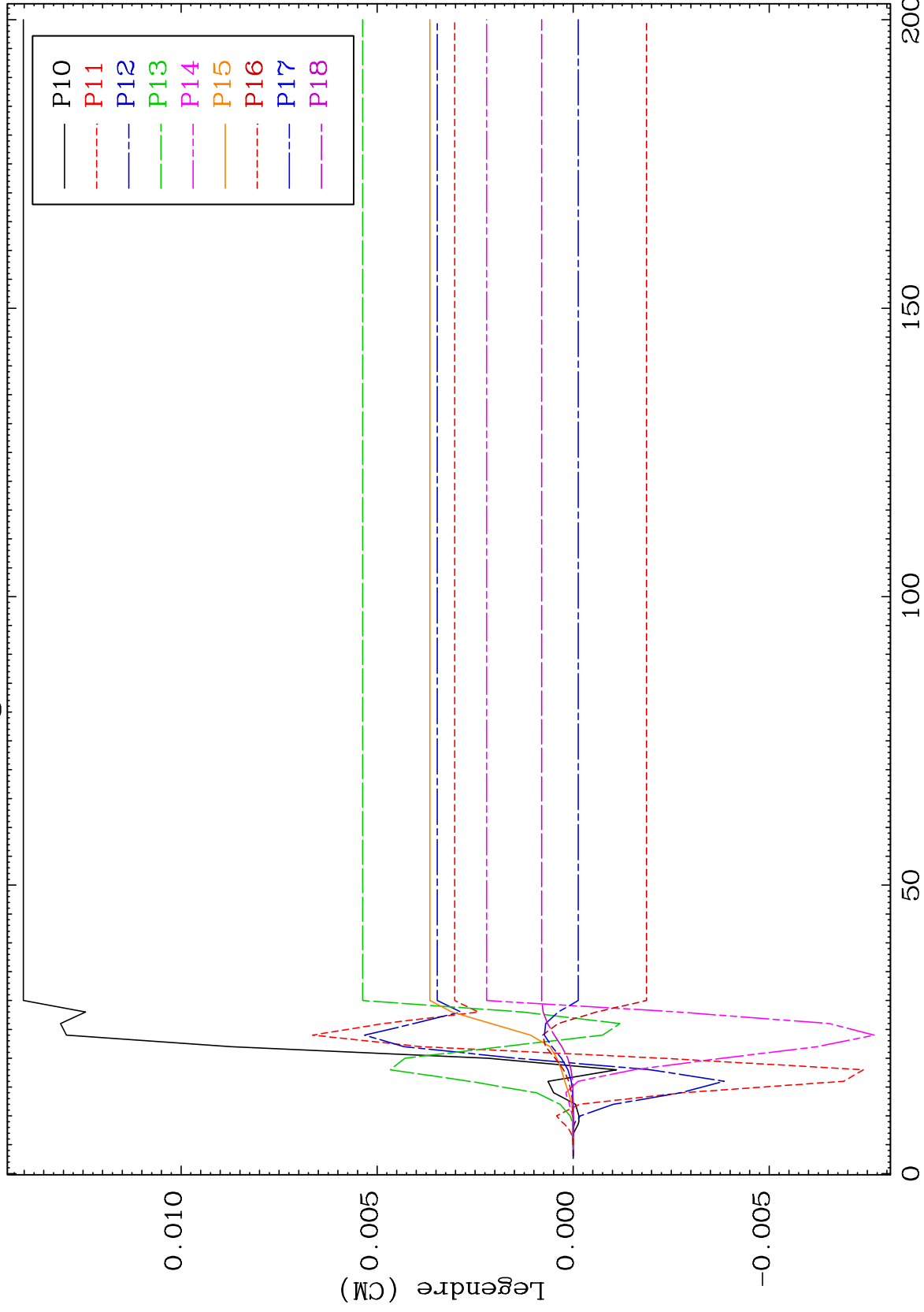
Incident Energy (MeV)

116

MAT 4649

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

46-Pd-110



117

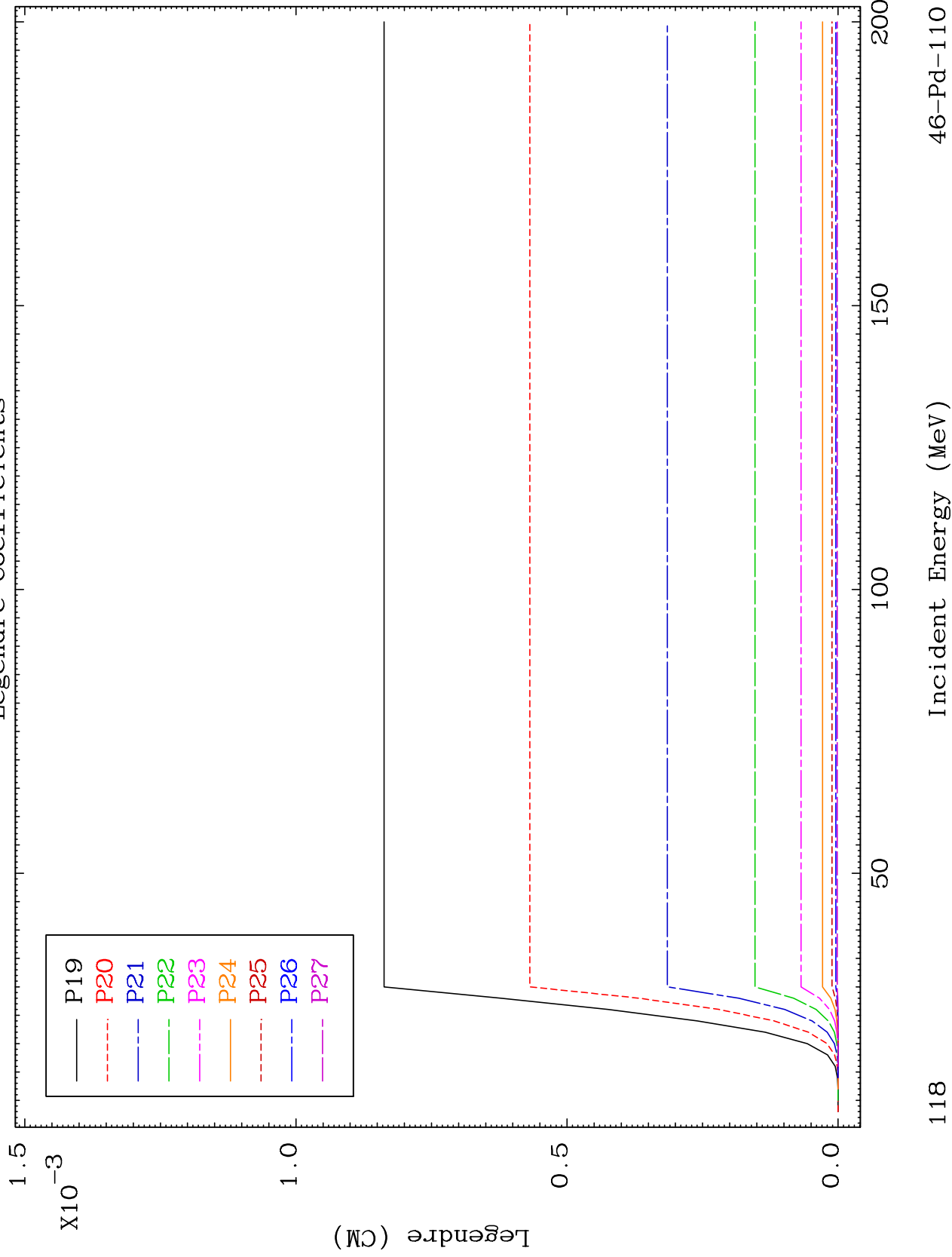
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110

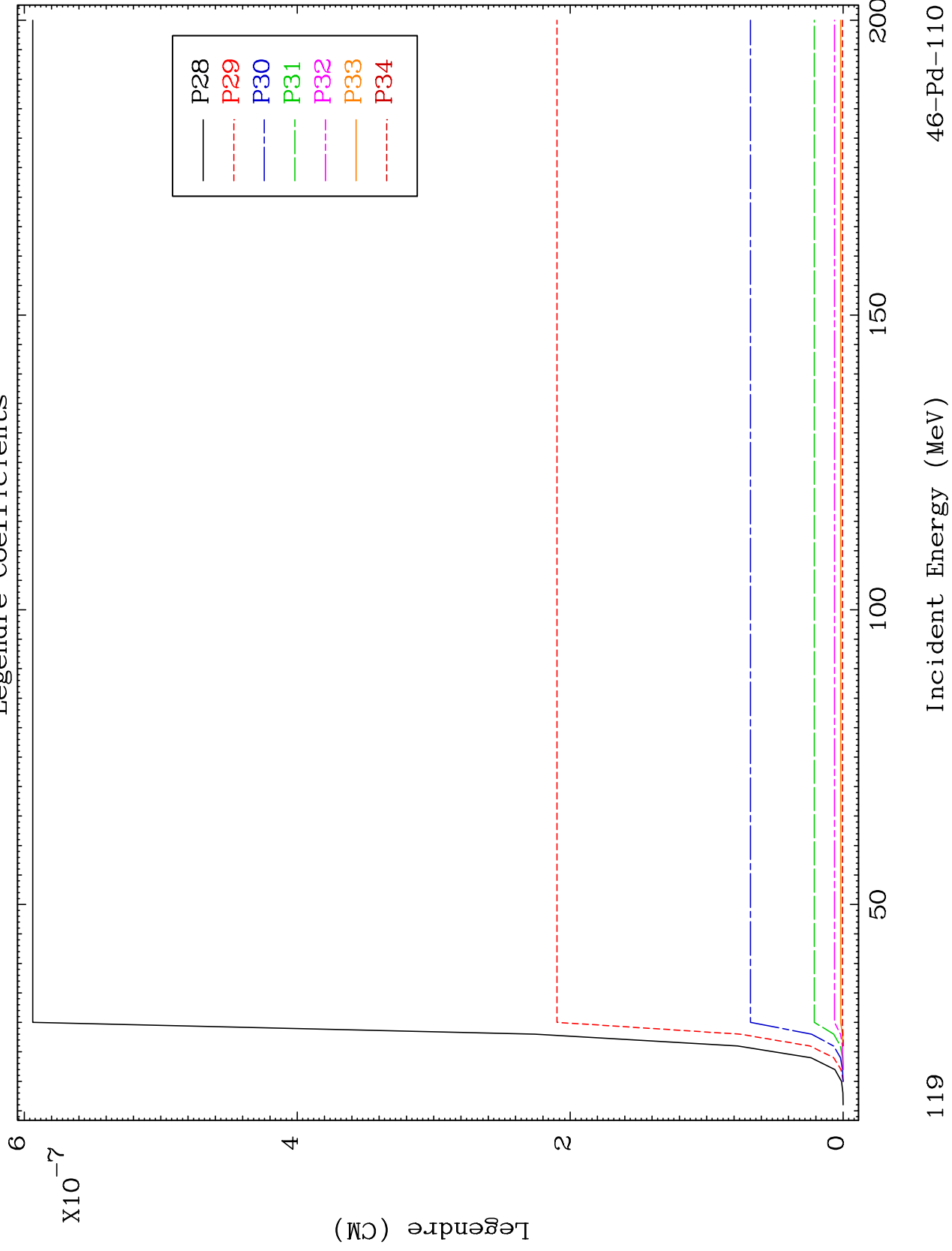


118

MAT 4649

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

46-Pd-110



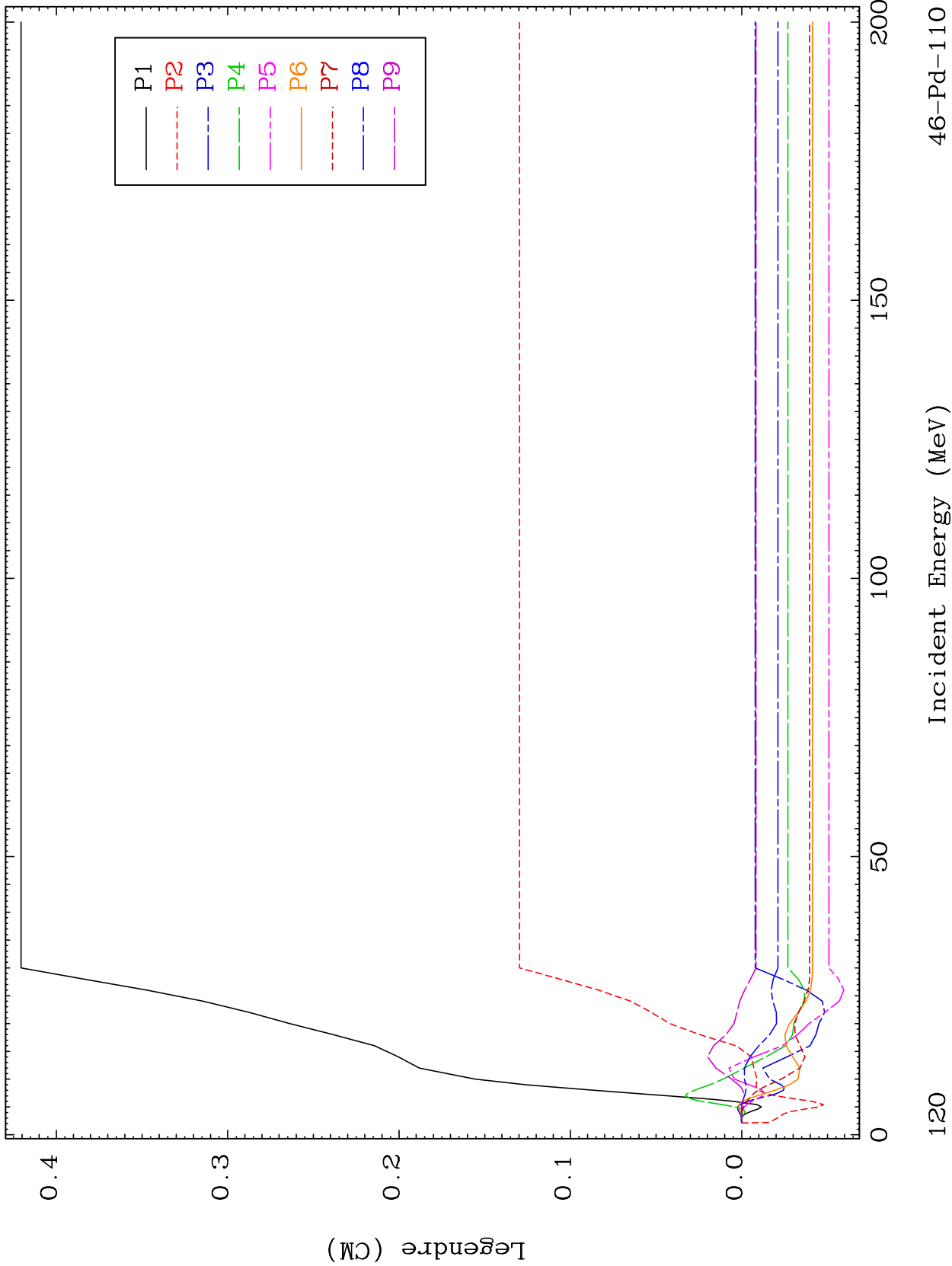
119



MAT 4649

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

46-Pd-110



46-Pd-110

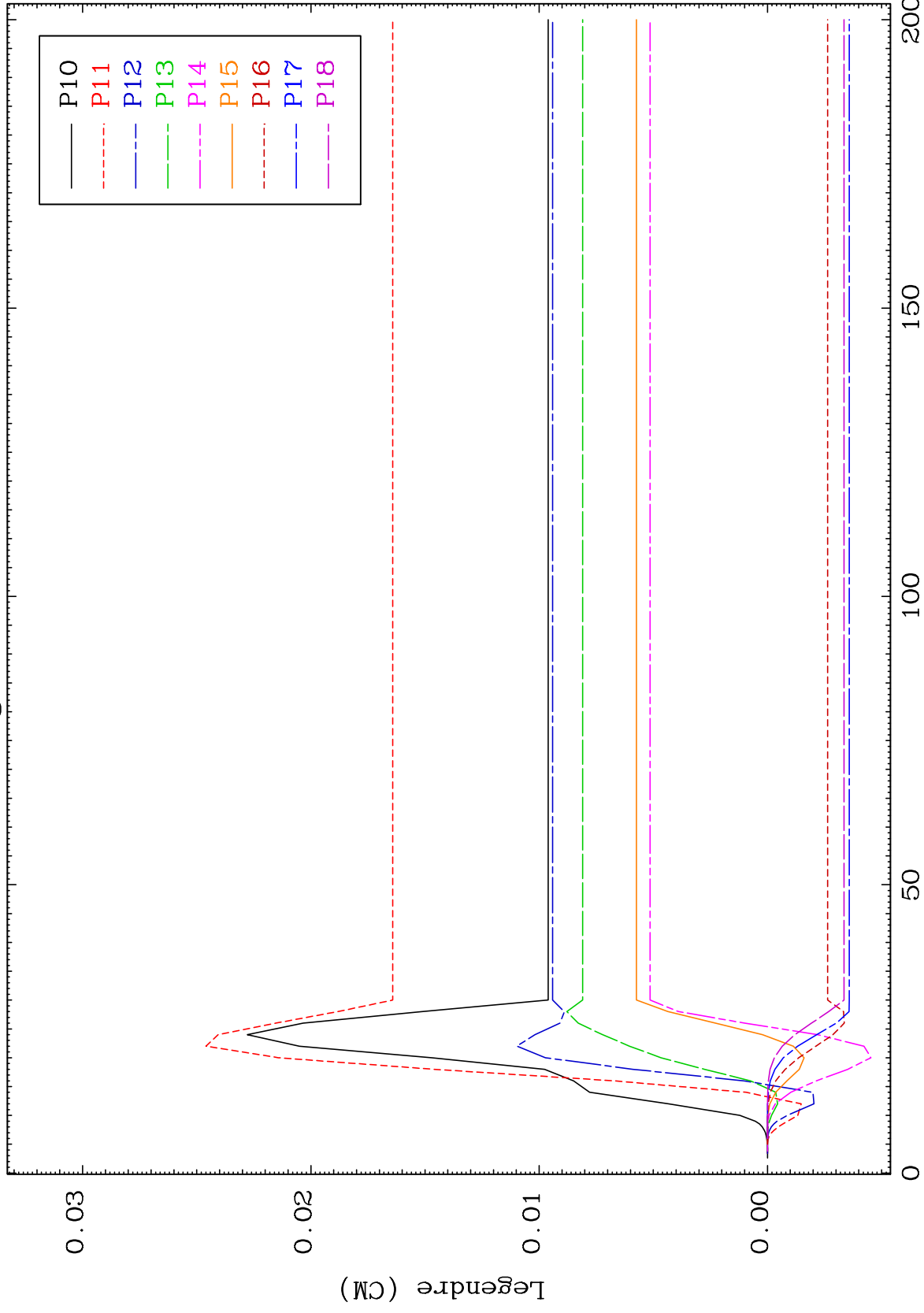
Incident Energy (MeV)

120

MAT 4649

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

46-Pd-110



121

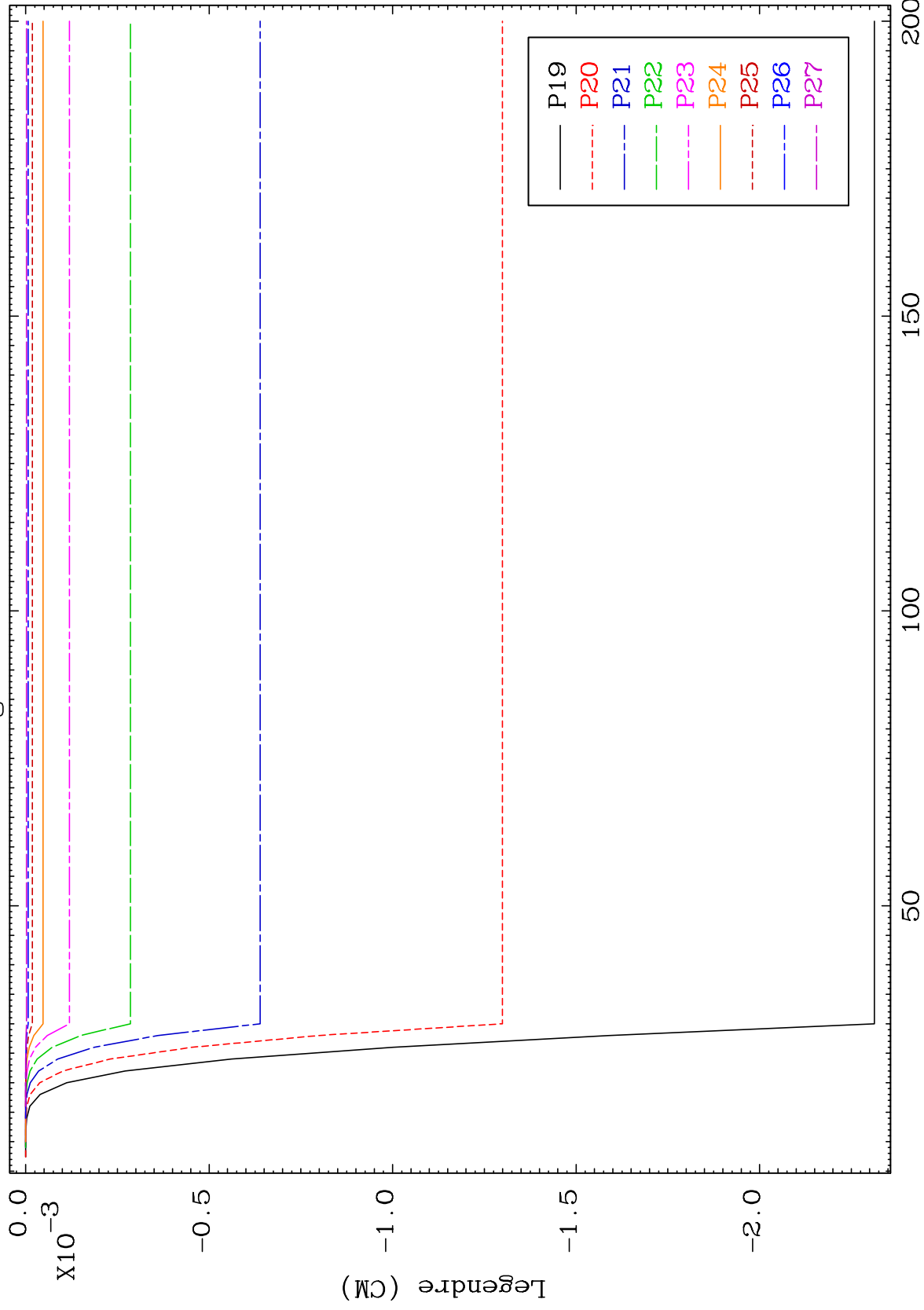
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



122

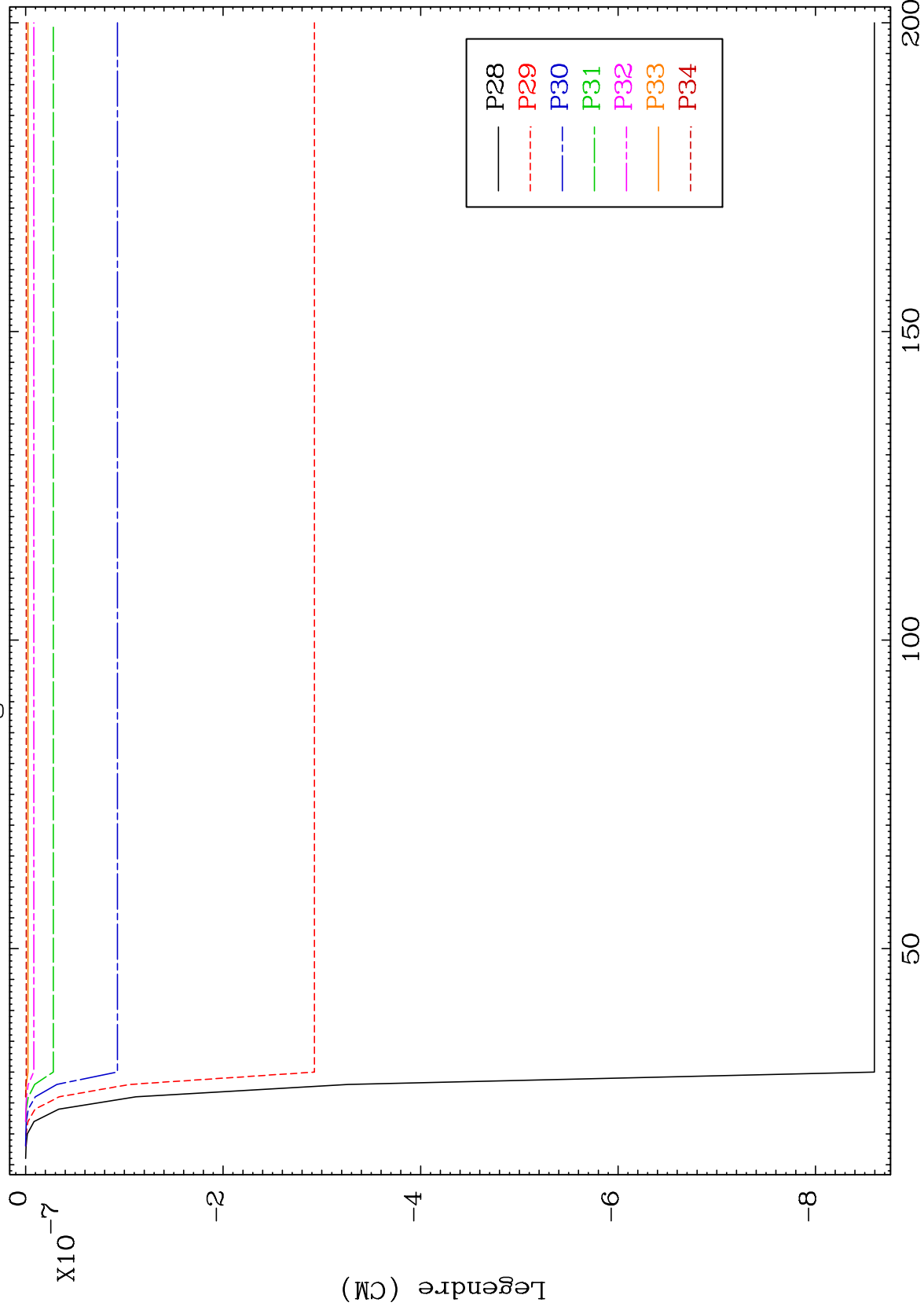
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



123

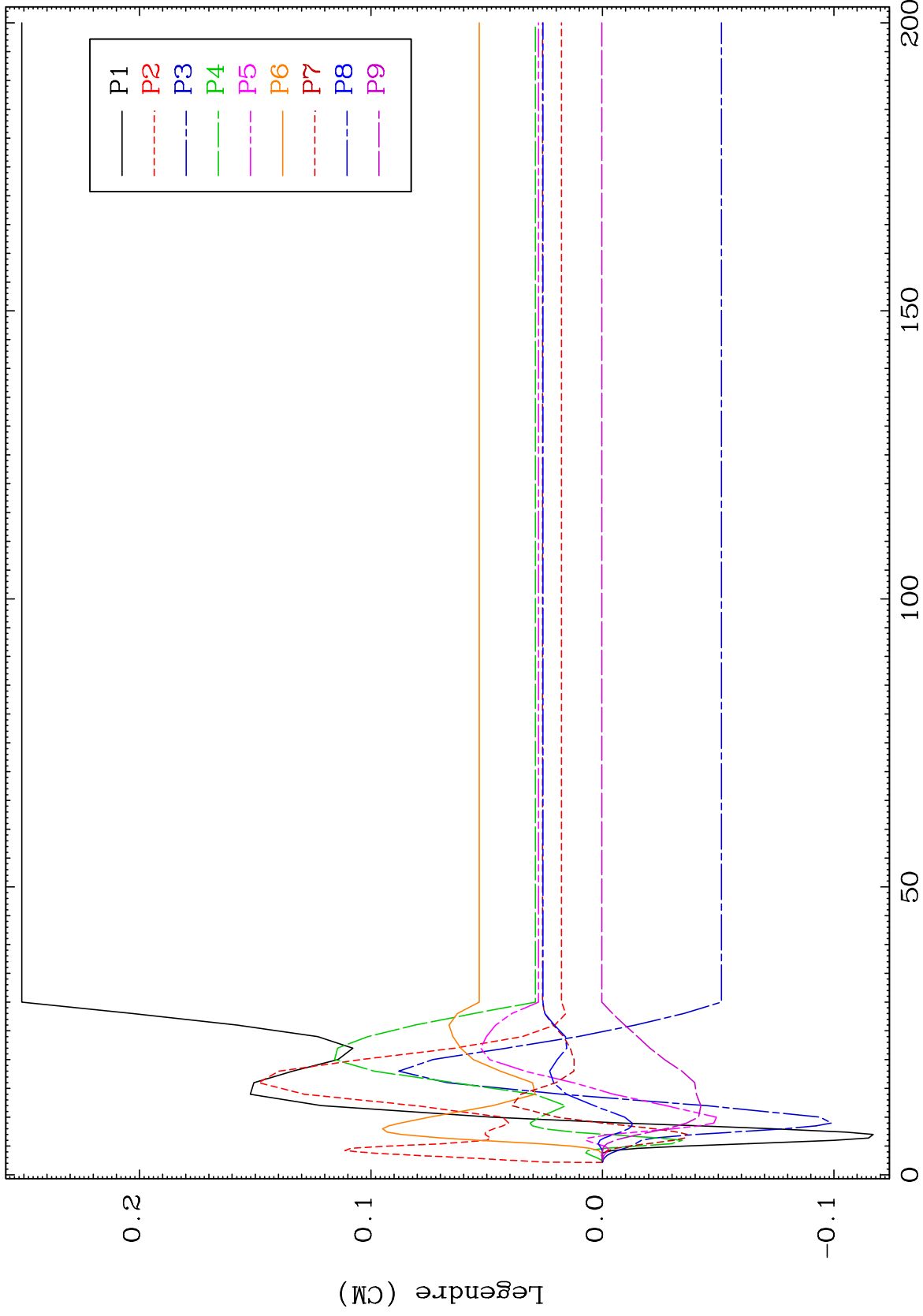
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



124

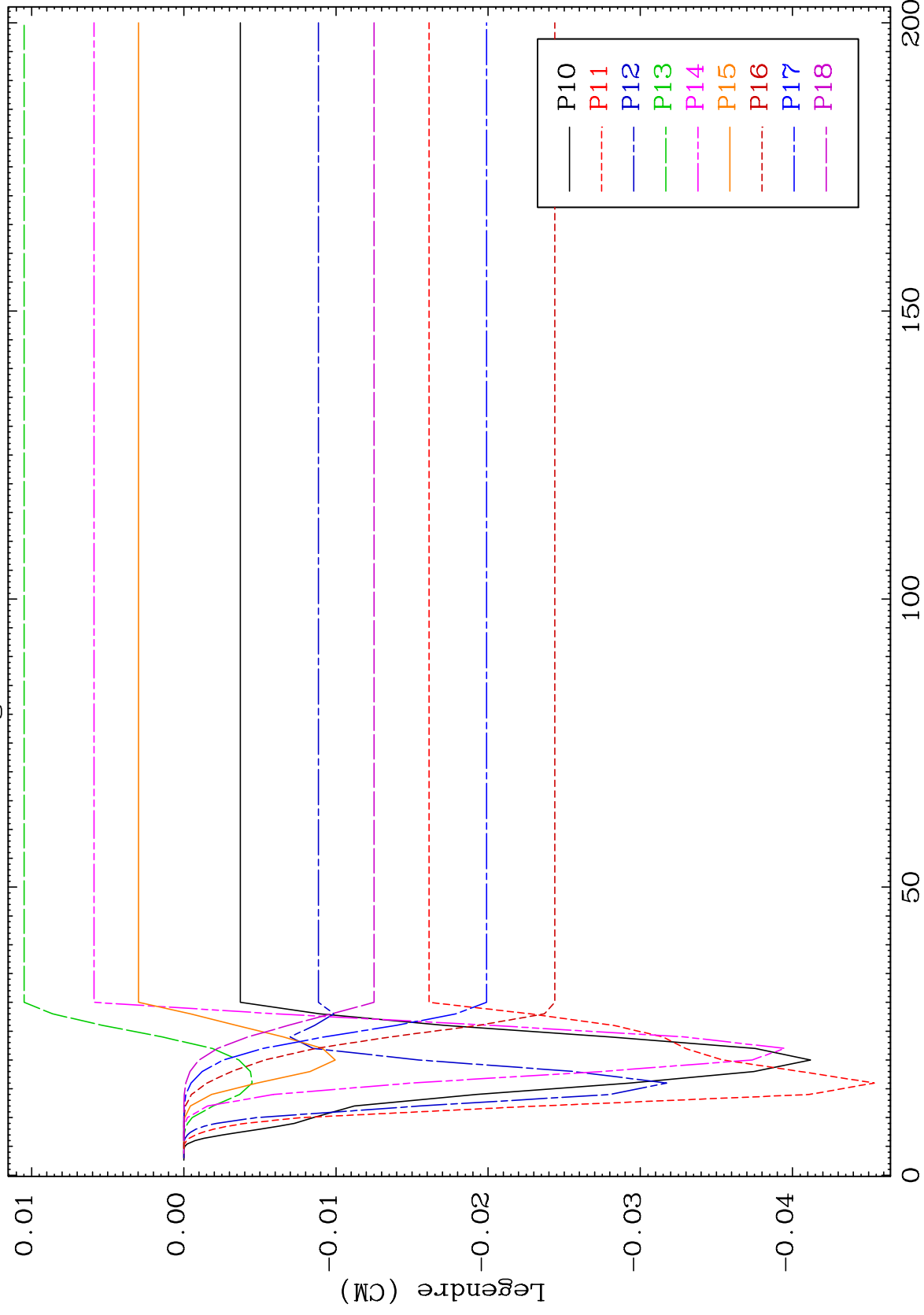
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



125

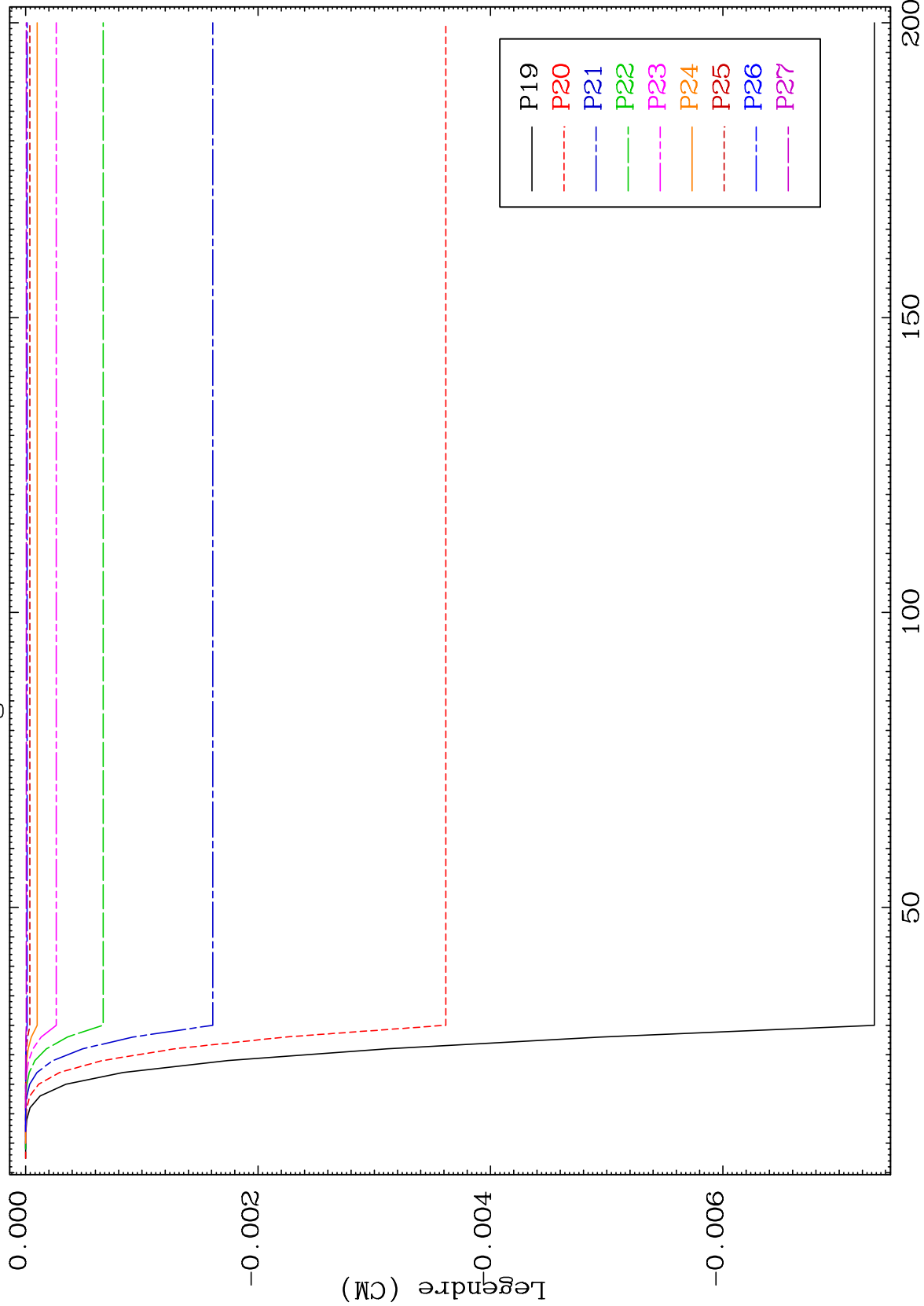
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

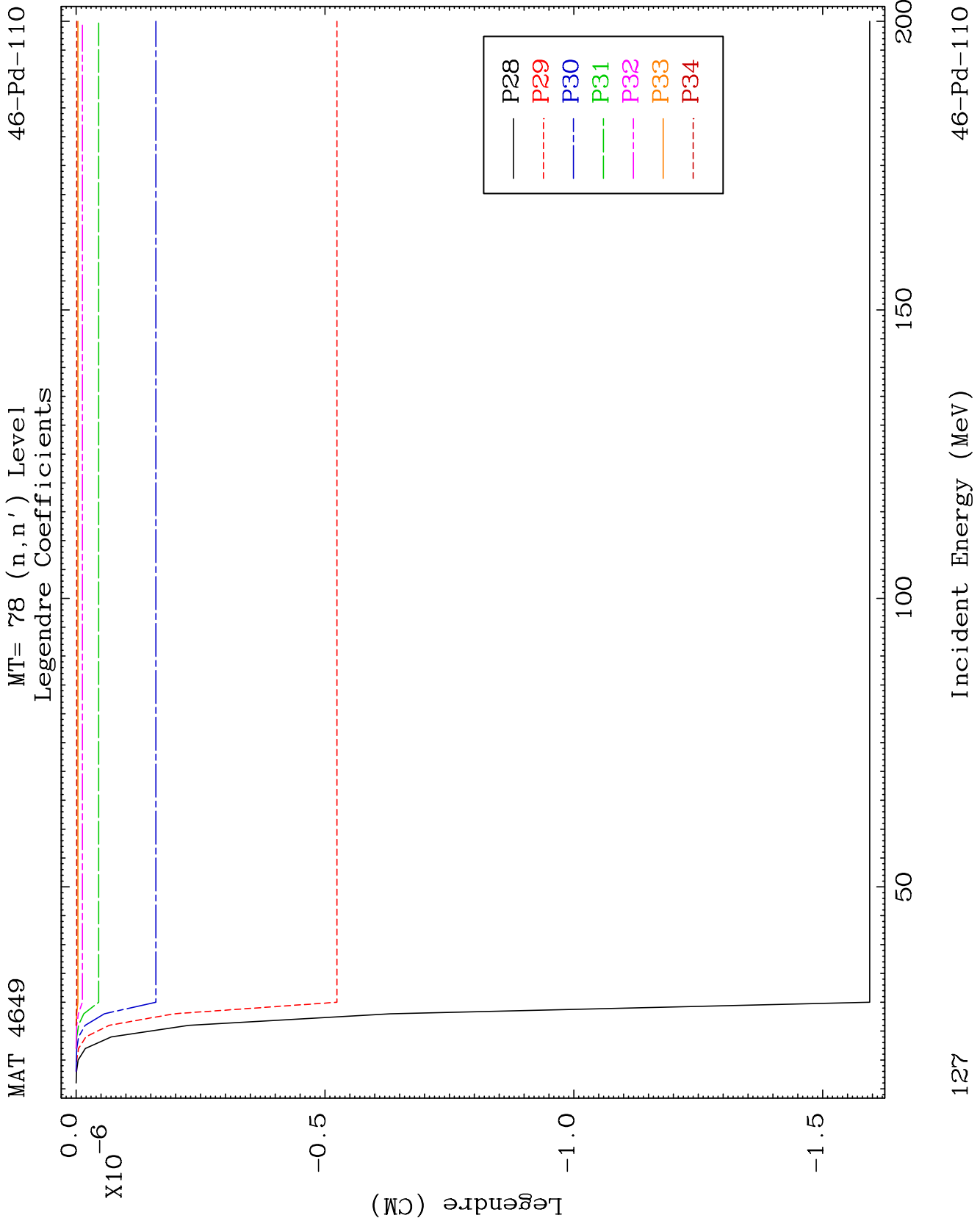
46-Pd-110



126

Incident Energy (MeV)

46-Pd-110

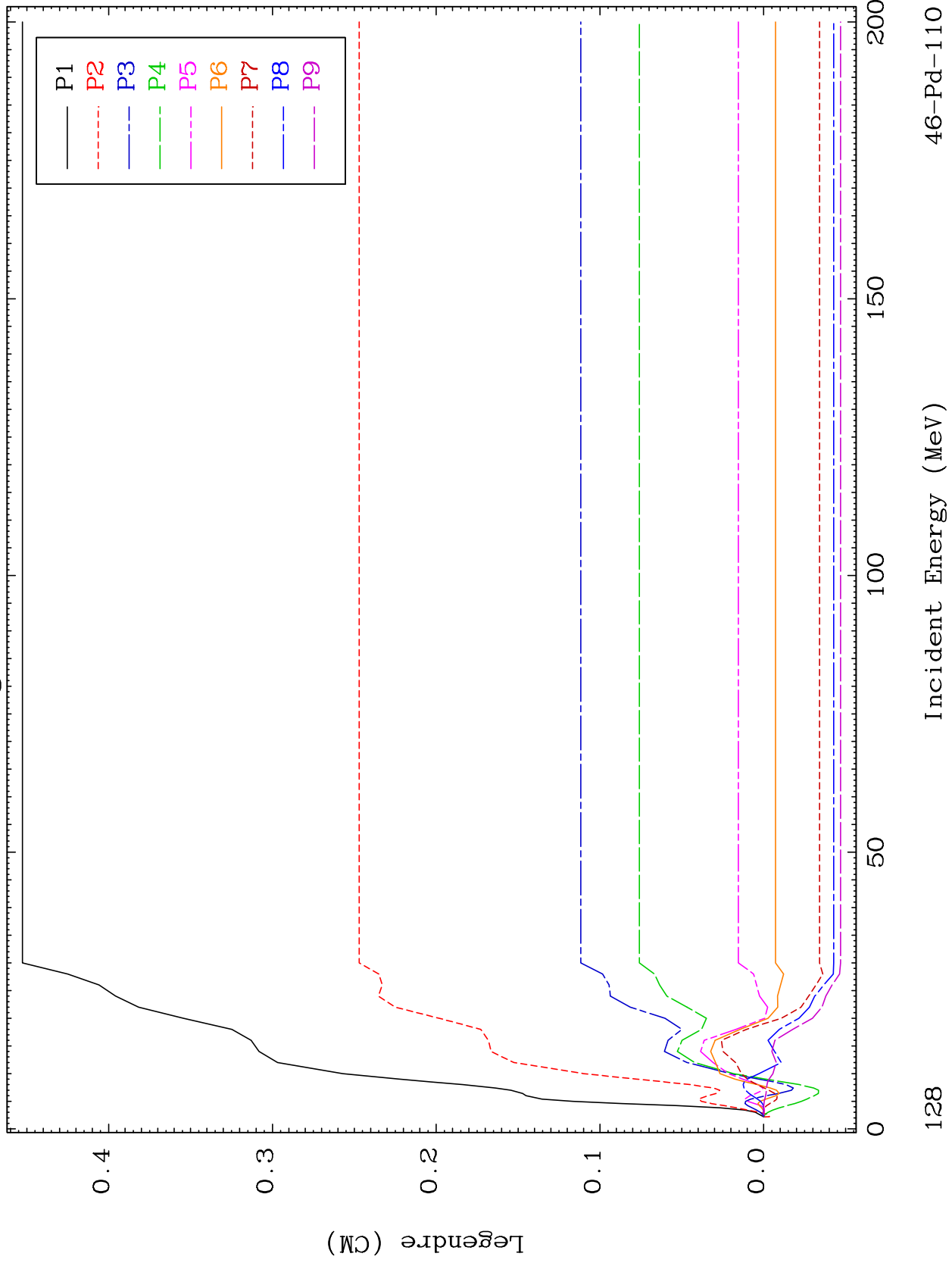




MAT 4649

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

46-Pd-110



46-Pd-110

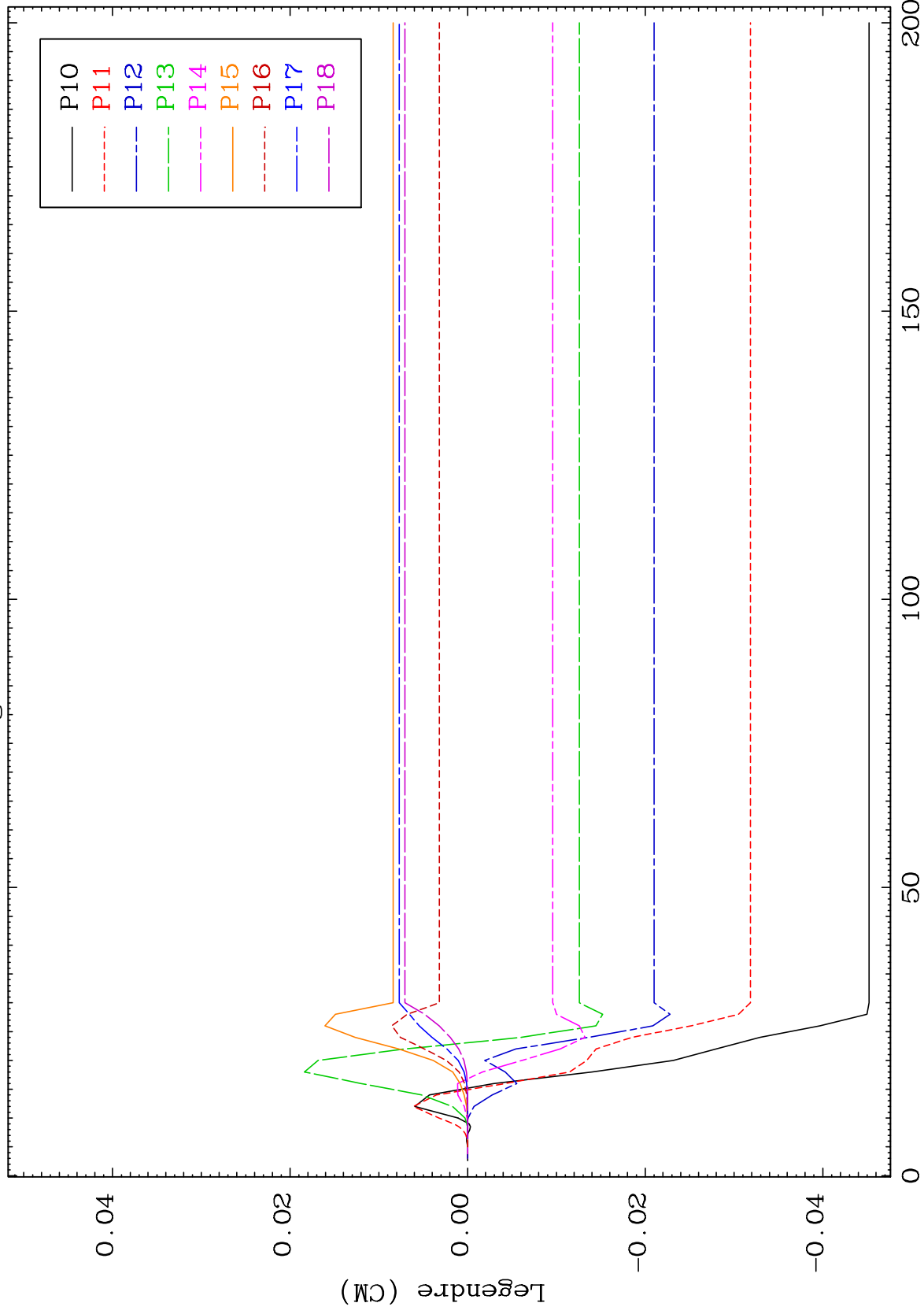
Incident Energy (MeV)

128

MAT 4649

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

46-Pd-110



129

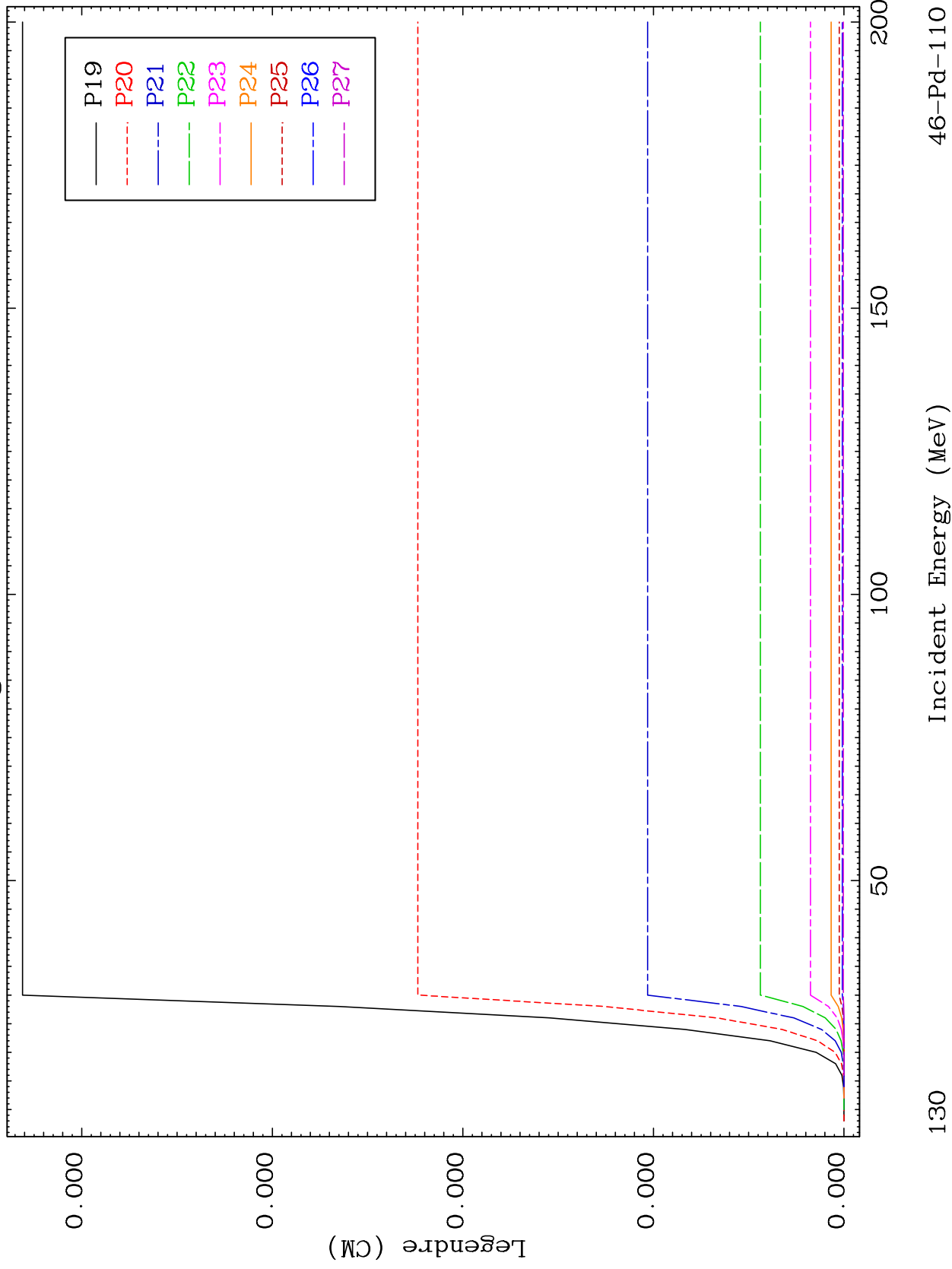
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

46-Pd-110



130

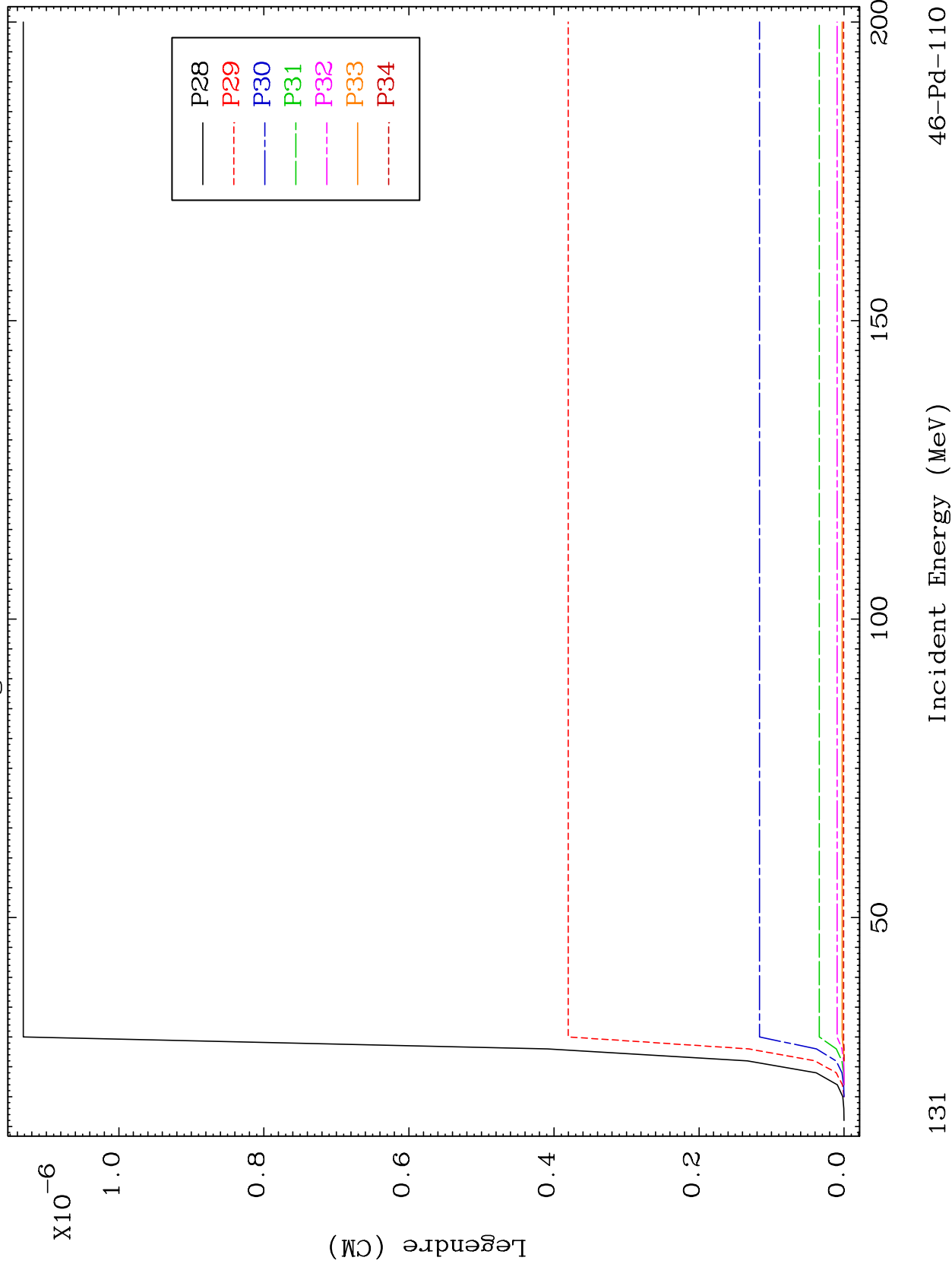
Incident Energy (MeV)

46-Pd-110

MAT 4649

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

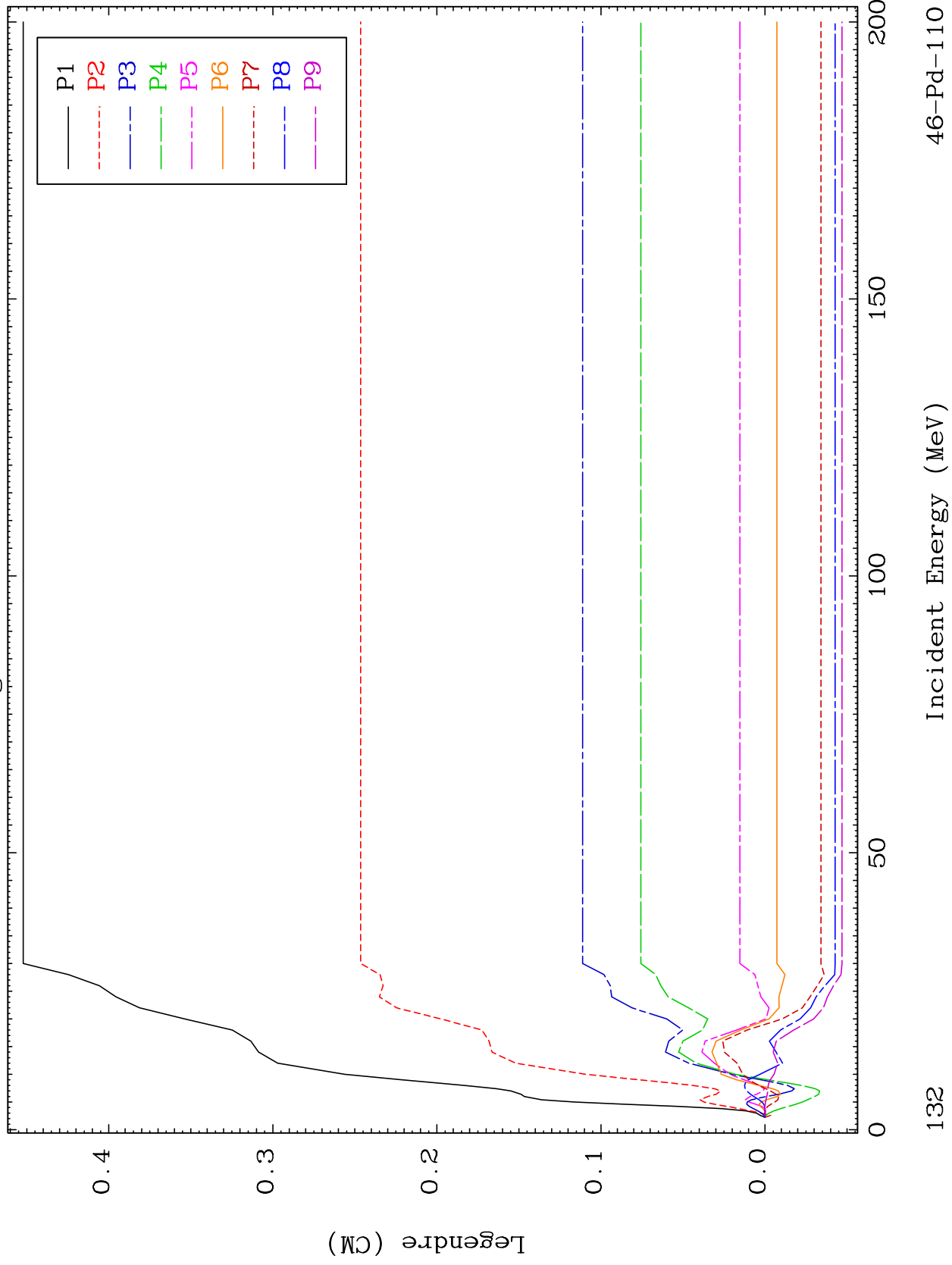
46-Pd-110



MAT 4649

MT= 80 (n,n') Level  
Legendre Coefficients

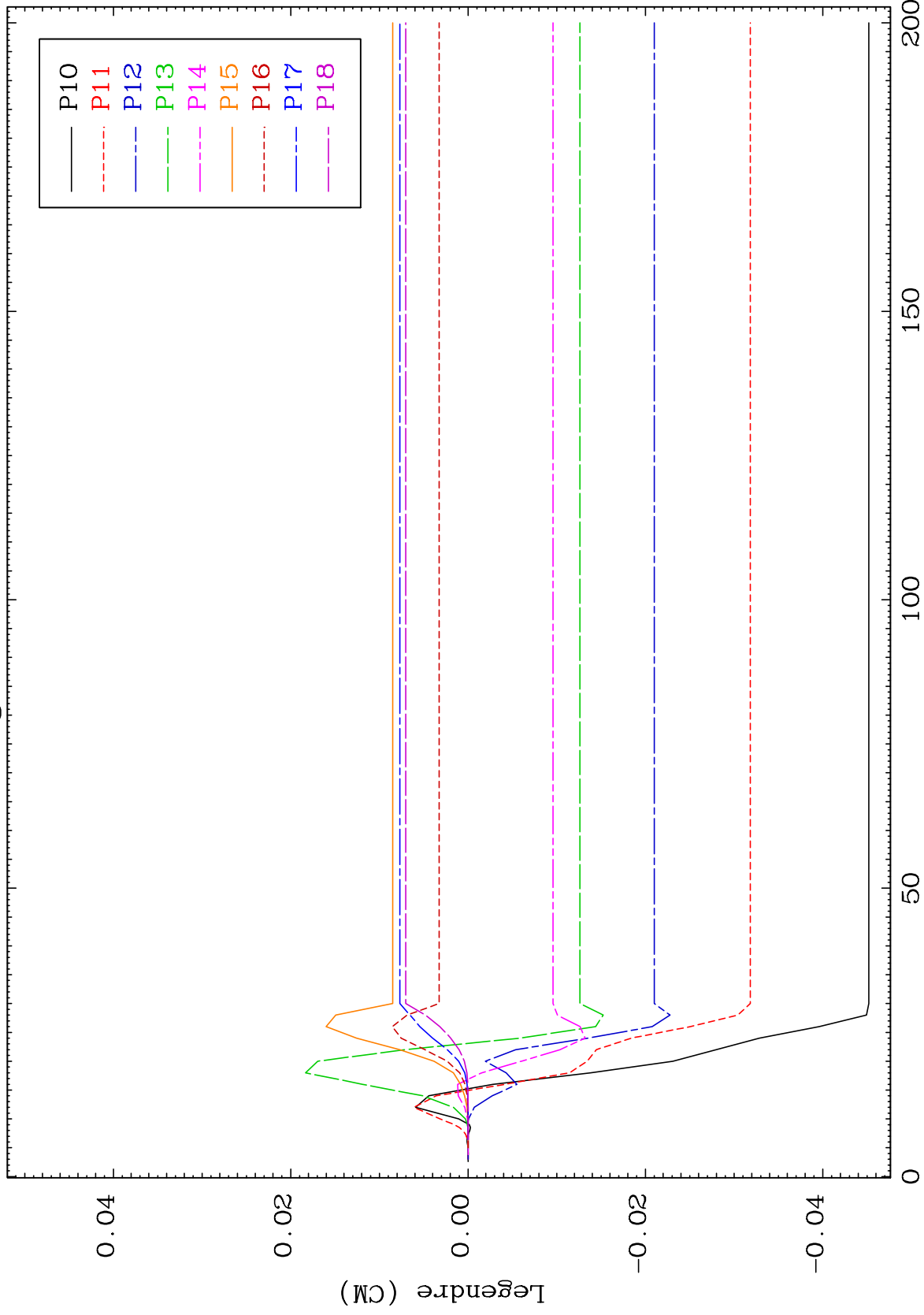
46-Pd-110



MAT 4649

MT= 80 (n,n') Level  
Legendre Coefficients

46-Pd-110



133

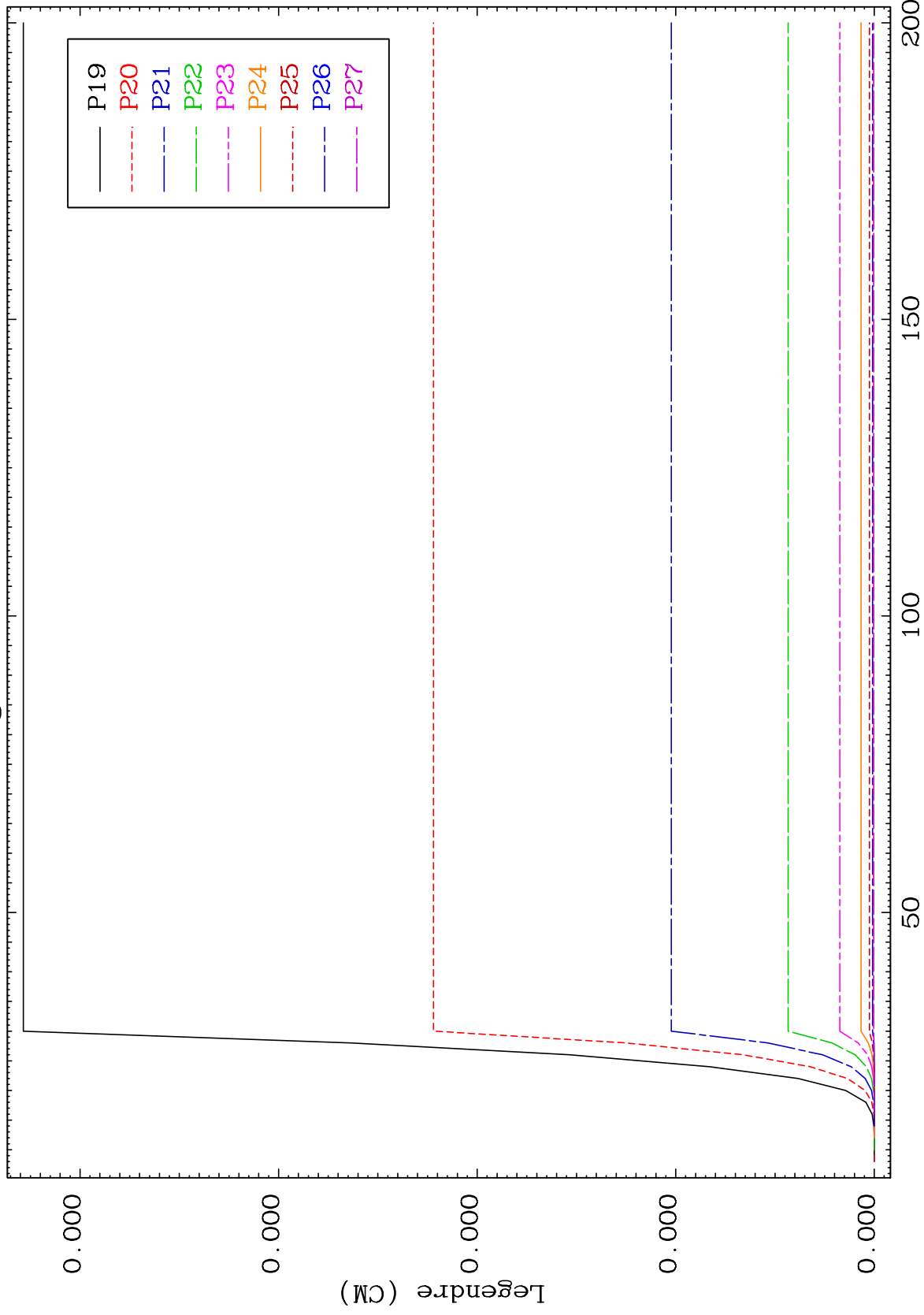
Incident Energy (MeV)

46-Pd-110

MAT 4649

MT= 80 (n,n') Level  
Legendre Coefficients

46-Pd-110



134

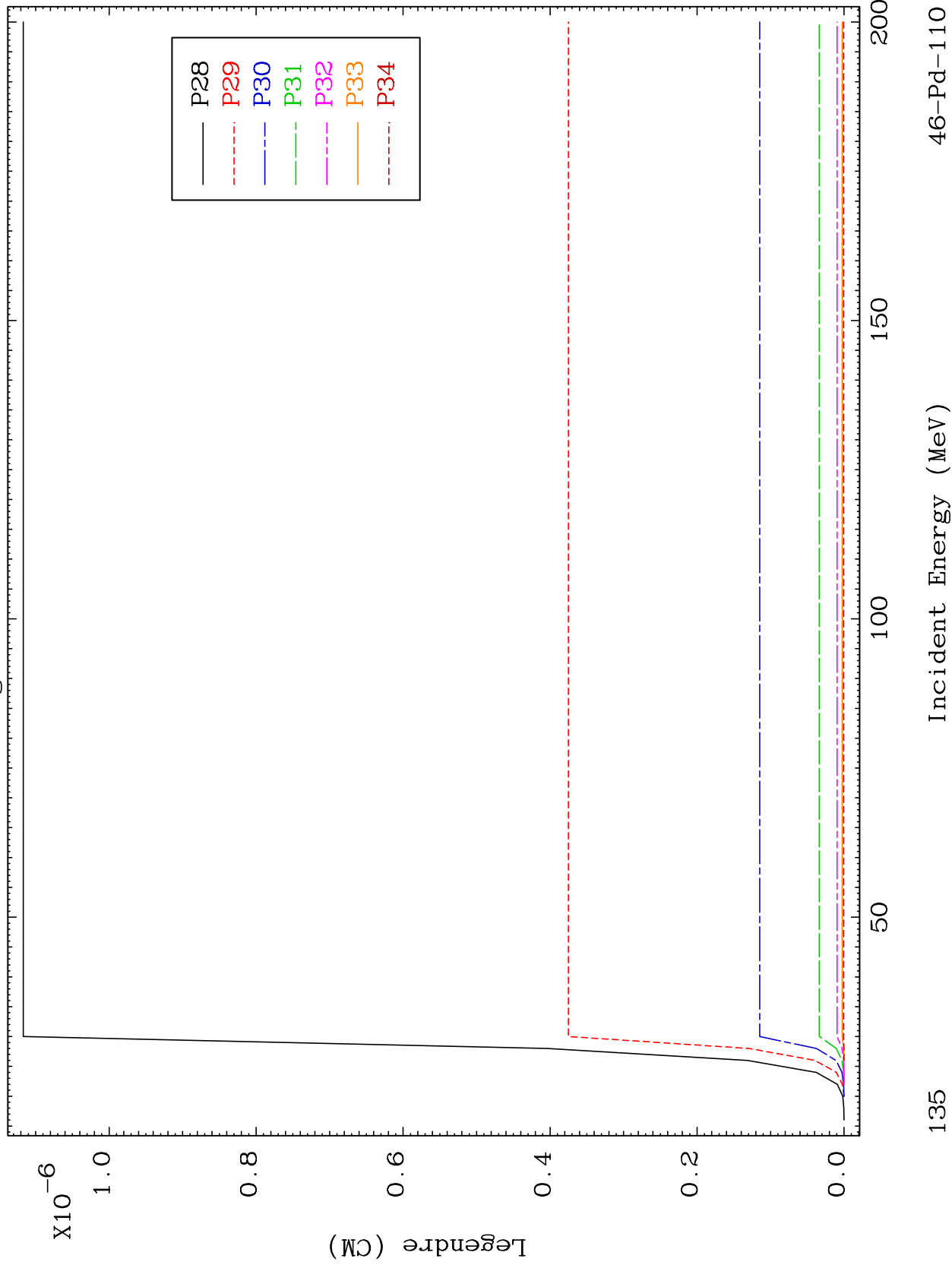
Incident Energy (MeV)

46-Pd-110

MAT 4649

MT= 80 (n,n') Level  
Legendre Coefficients

46-Pd-110



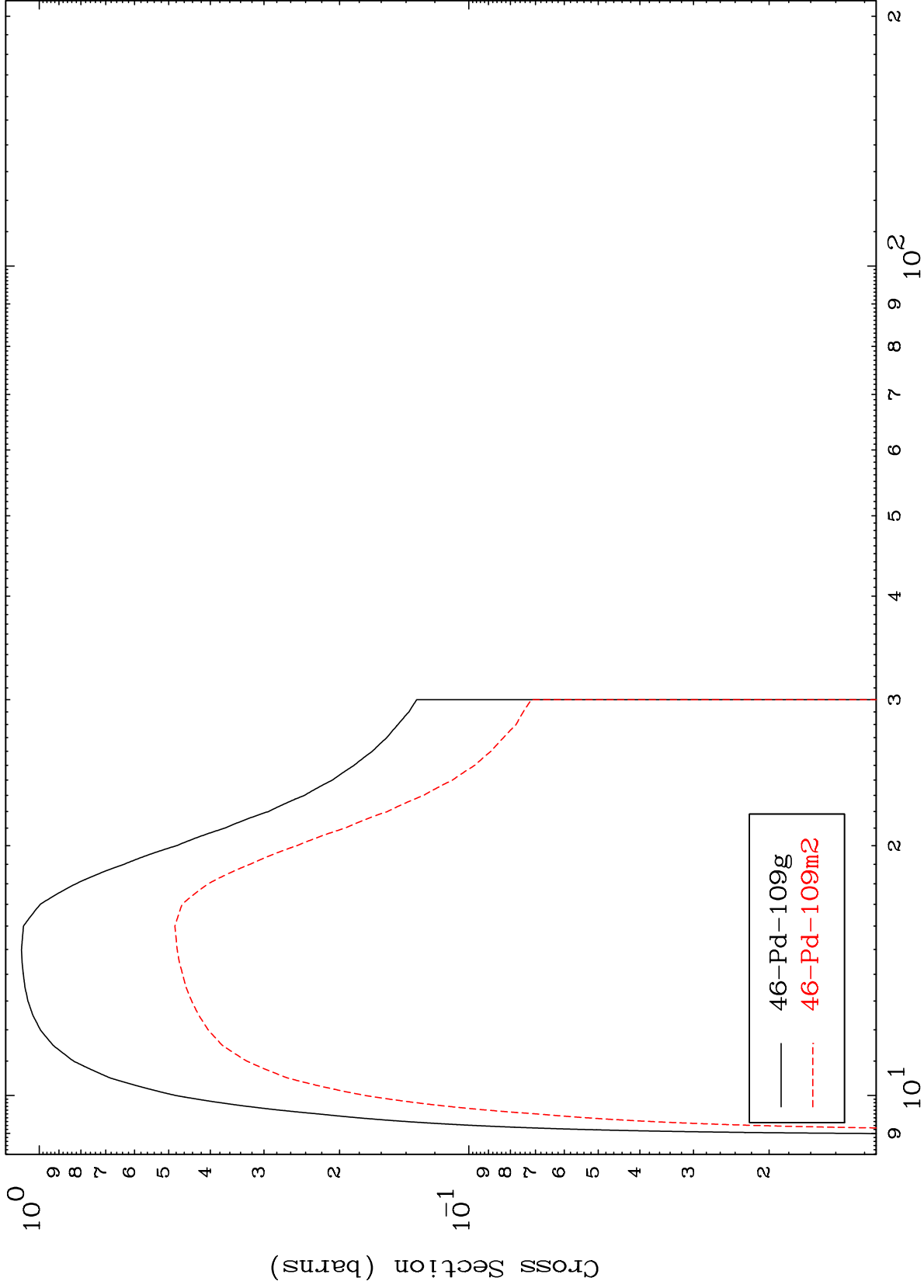


MAT 4649

(n,2n)

46-Pd-110

Radionuclide Production Cross Section



136

Incident Energy (MeV)

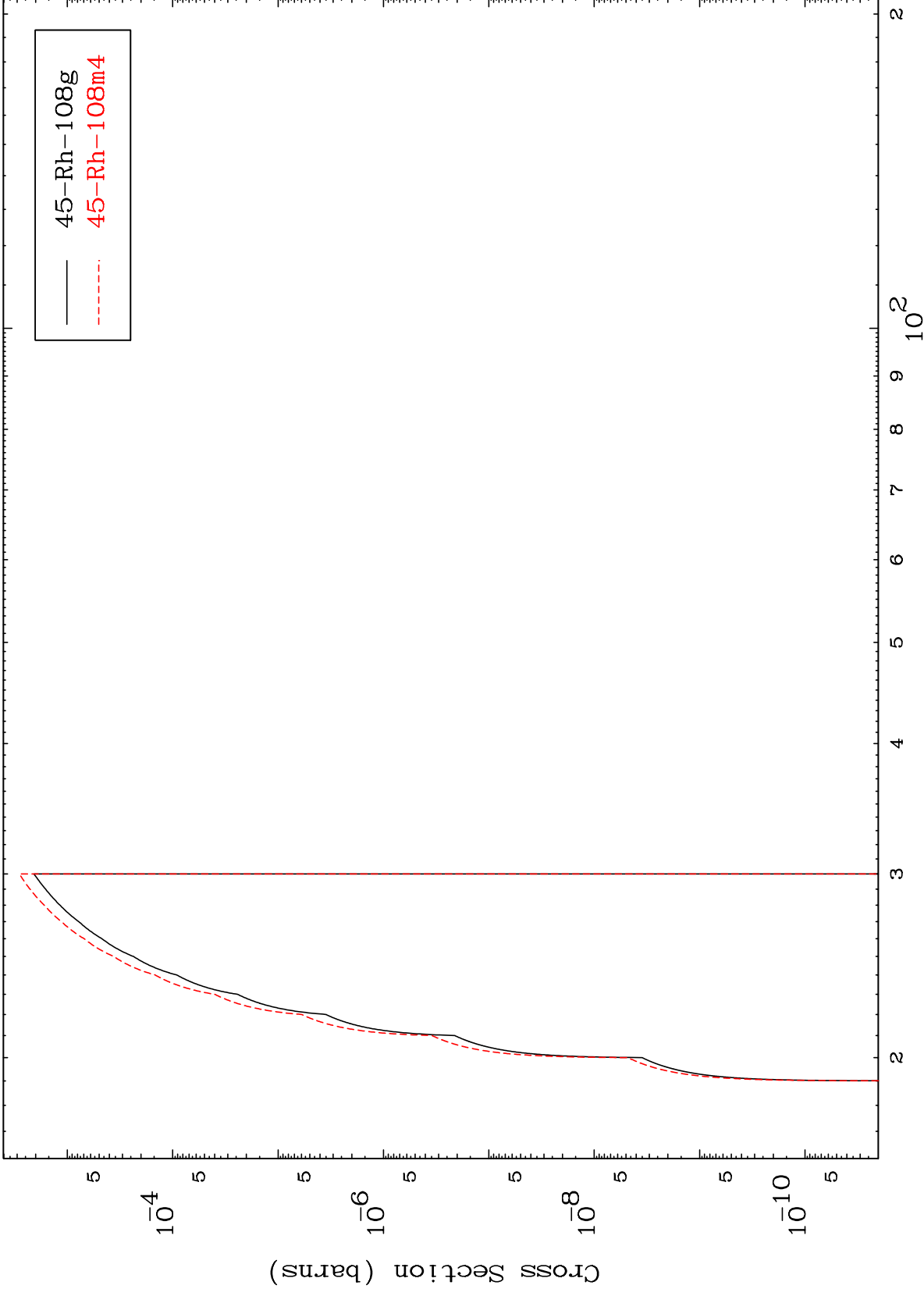
46-Pd-110

MAT 4649

(n,n') d

46-Pd-110

Radionuclide Production Cross Section



137

Incident Energy (MeV)

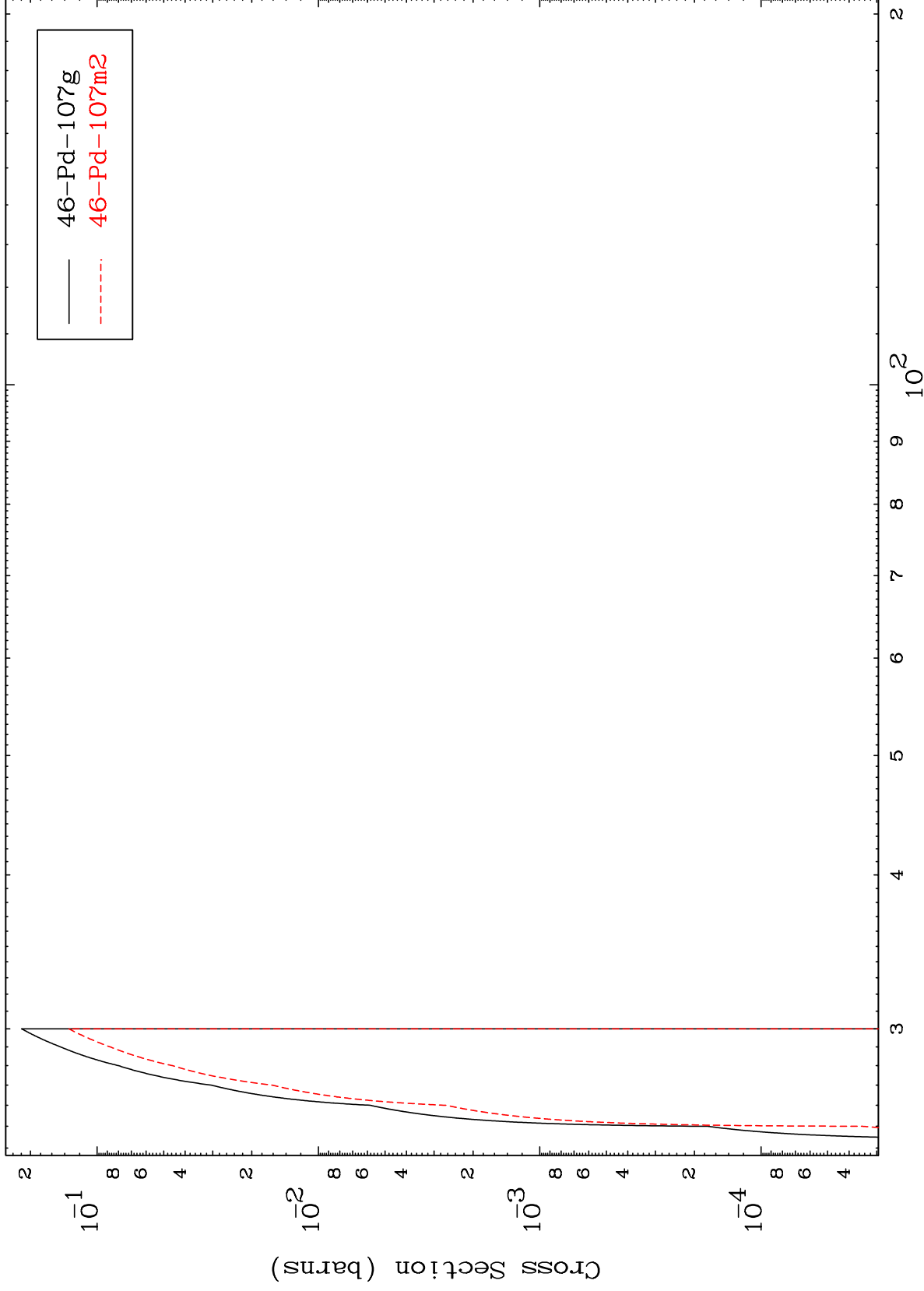
46-Pd-110

MAT 4649

(n,4n)

46-Pd-110

Radionuclide Production Cross Section



138

Incident Energy (MeV)

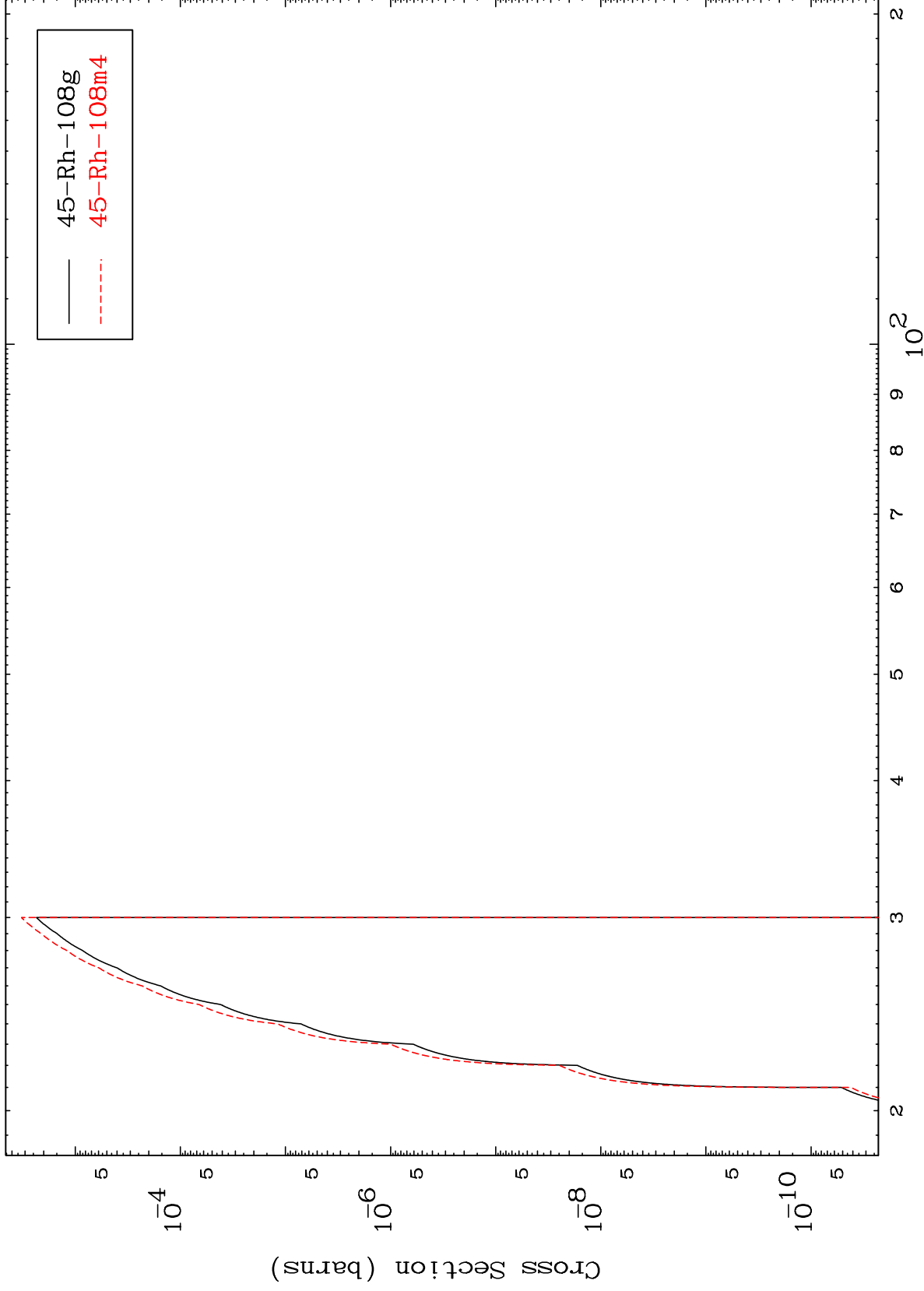
46-Pd-110

MAT 4649

(n,2n) p

46-Pd-110

Radionuclide Production Cross Section



139

Incident Energy (MeV)

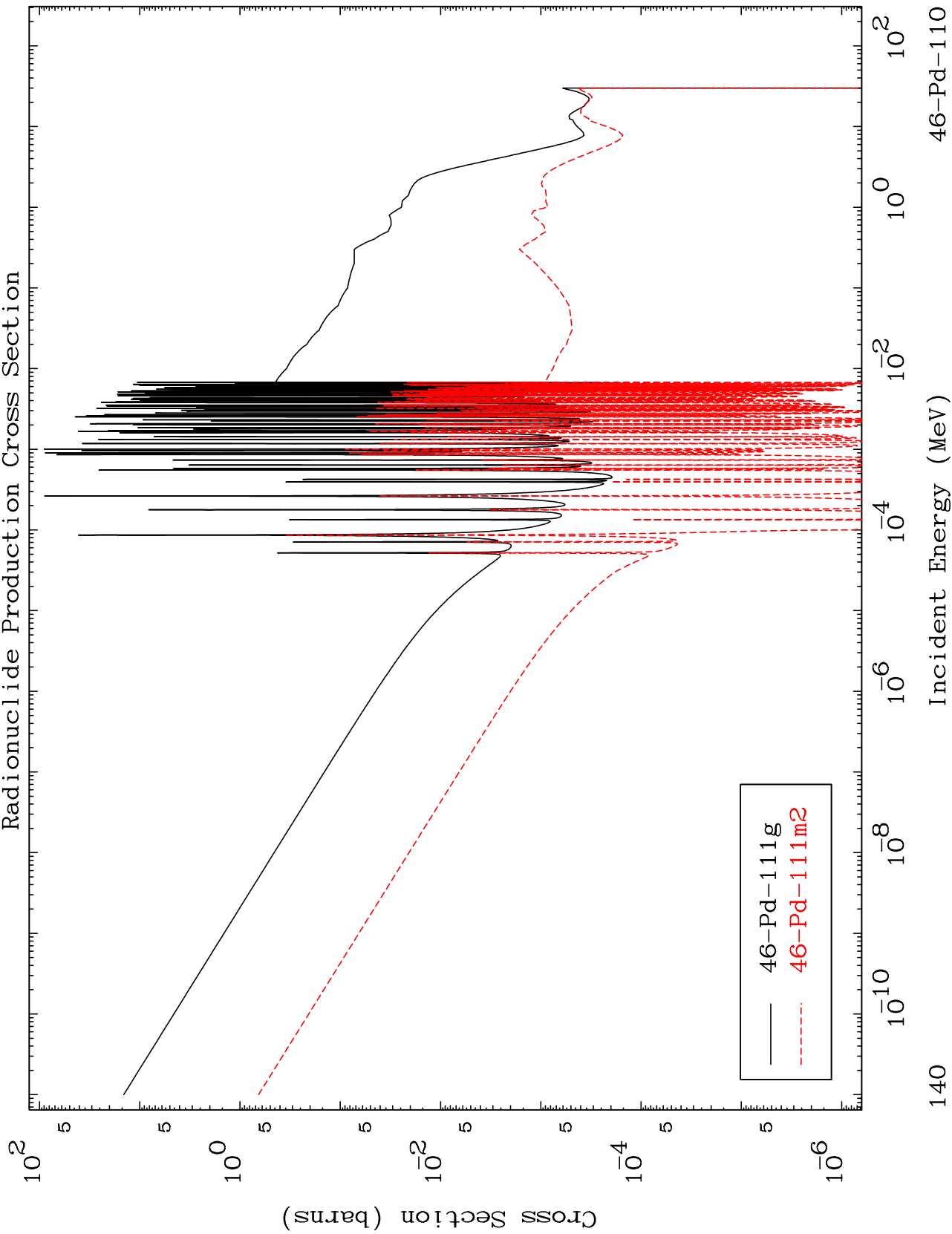
46-Pd-110

MAT 4649

46-Pd-110

Radionuclide Production Cross Section

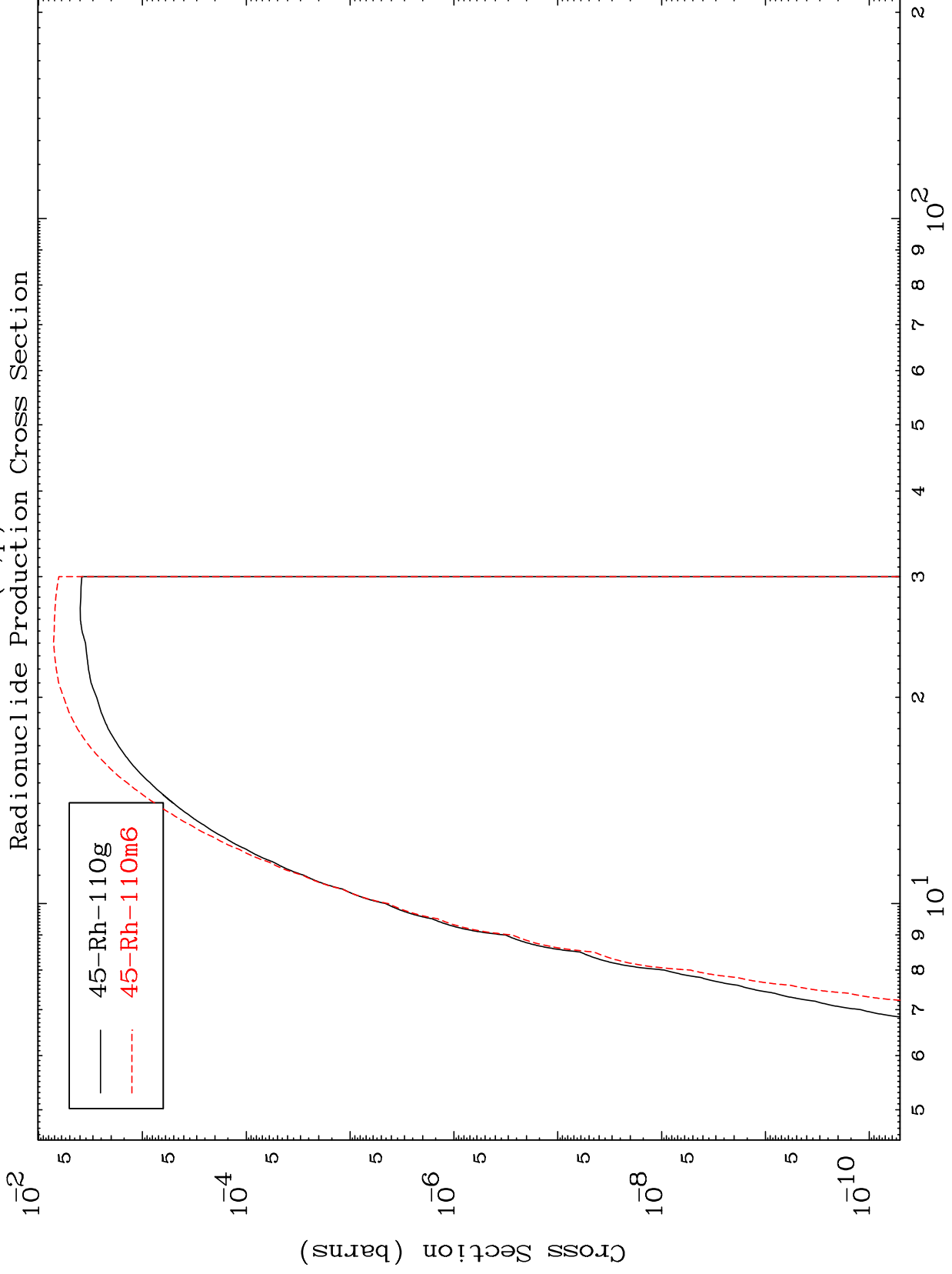
(n,γ)



MAT 4649

46-Pd-110

Radionuclide Production Cross Section  
(n,p)



46-Pd-110

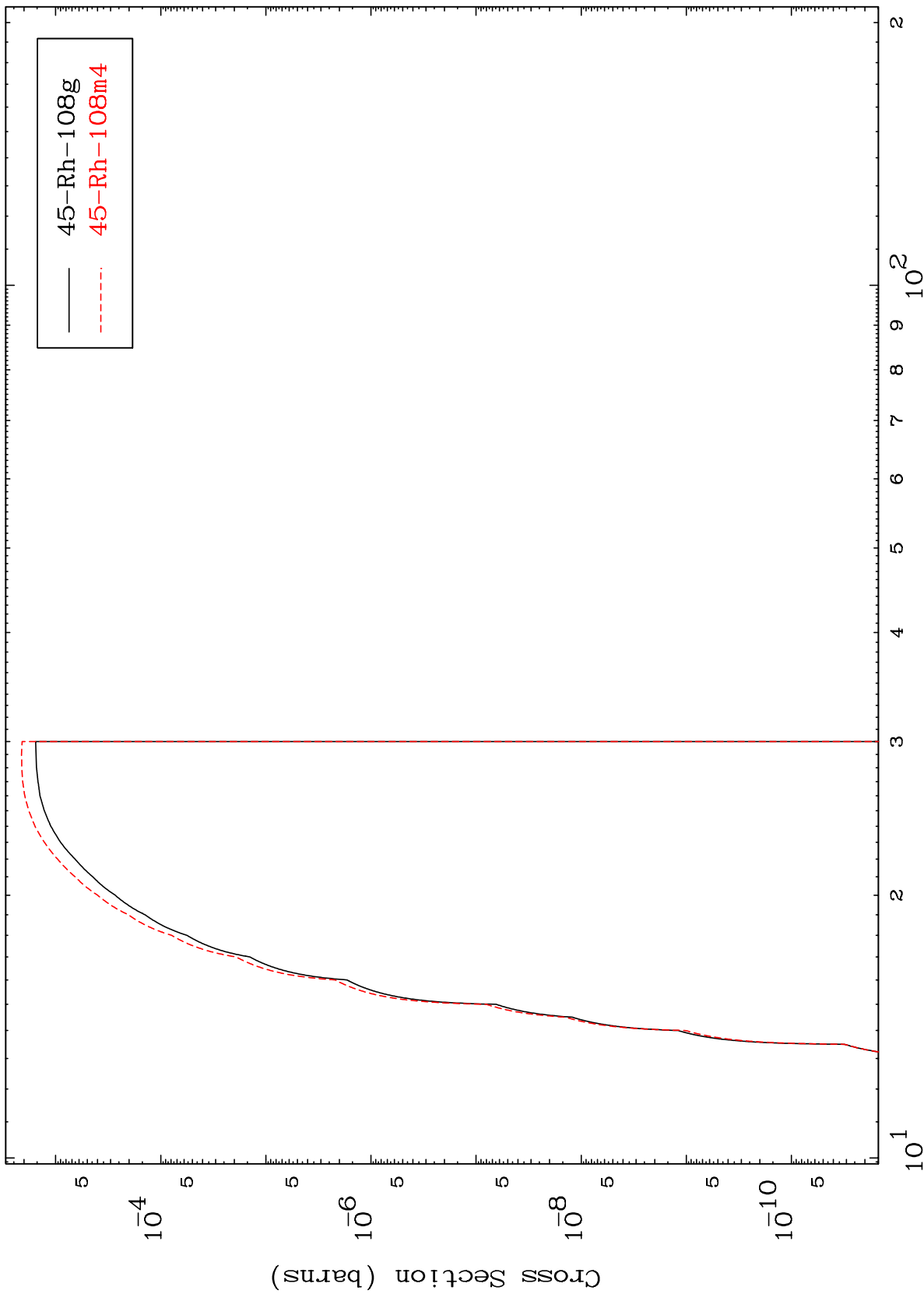
Incident Energy (MeV)

141

MAT 4649

46-Pd-110

(n,t)  
Radionuclide Production Cross Section



142

Incident Energy (MeV)

46-Pd-110