

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

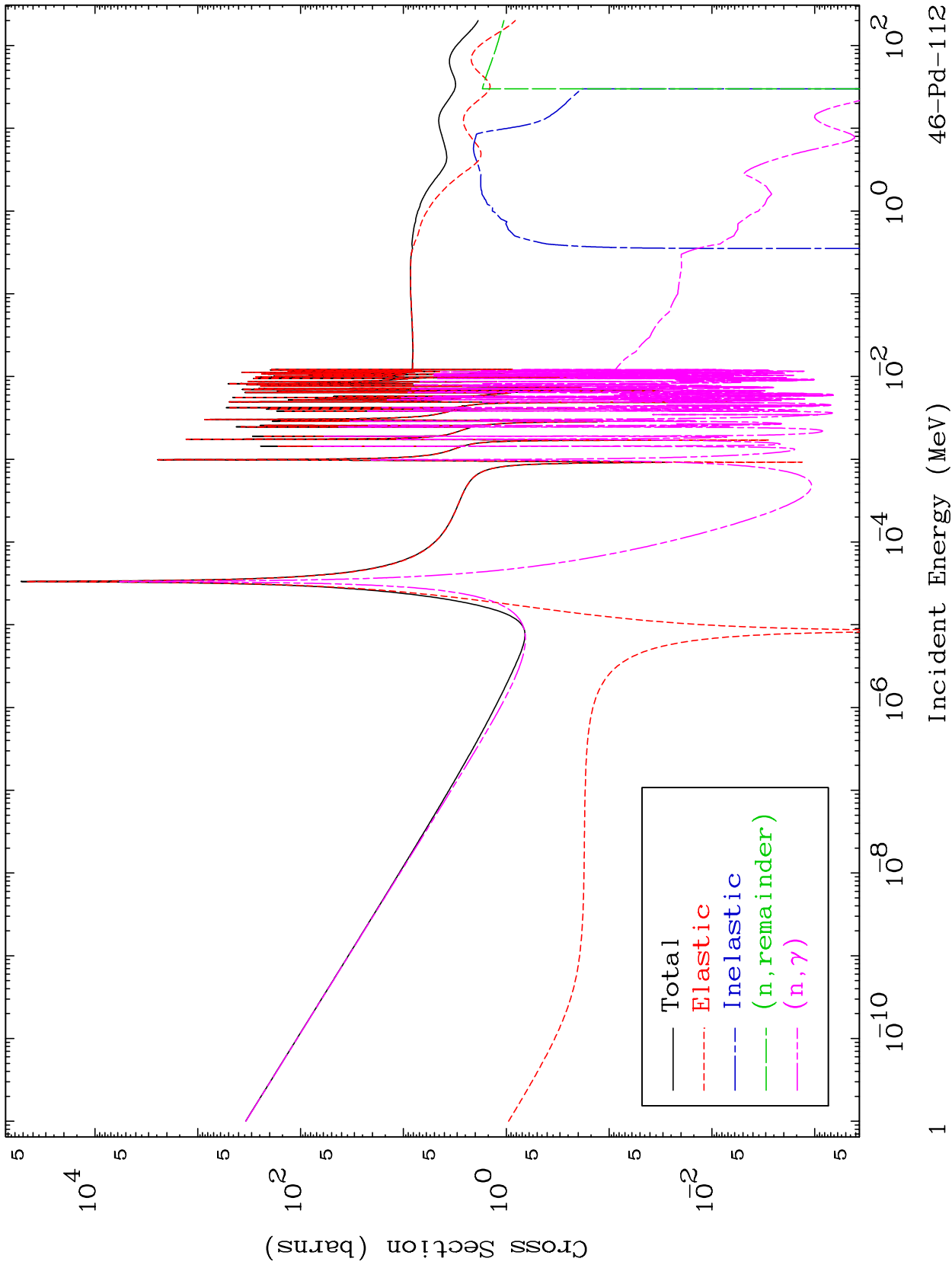
Press Mouse Button to Start

MAT 4655

Major

293 Kelvin Cross Sections

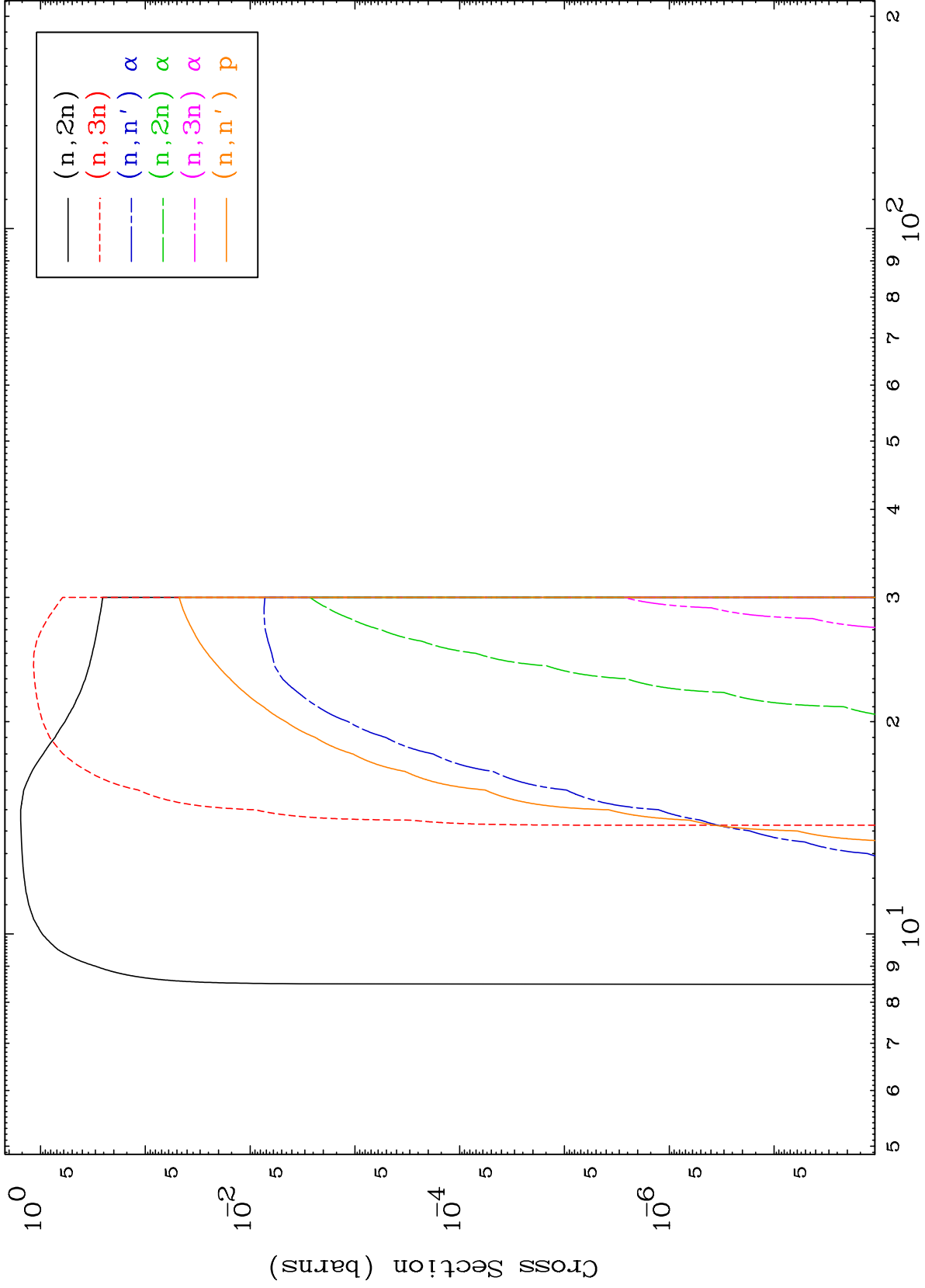
46-Pd-112



MAT 4655

Neutron Production  
293 Kelvin Cross Sections

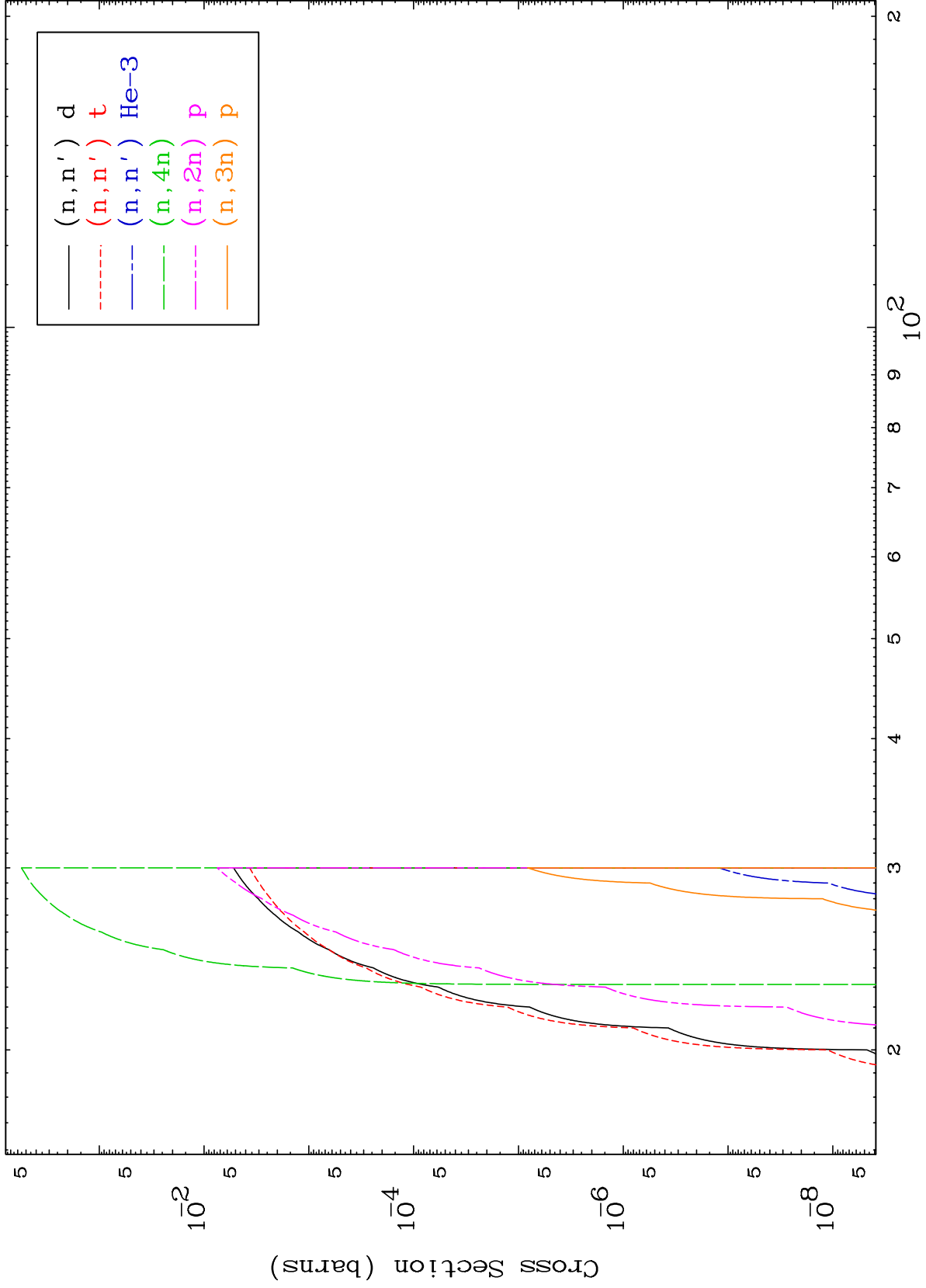
46-Pd-112



2

Incident Energy (MeV)

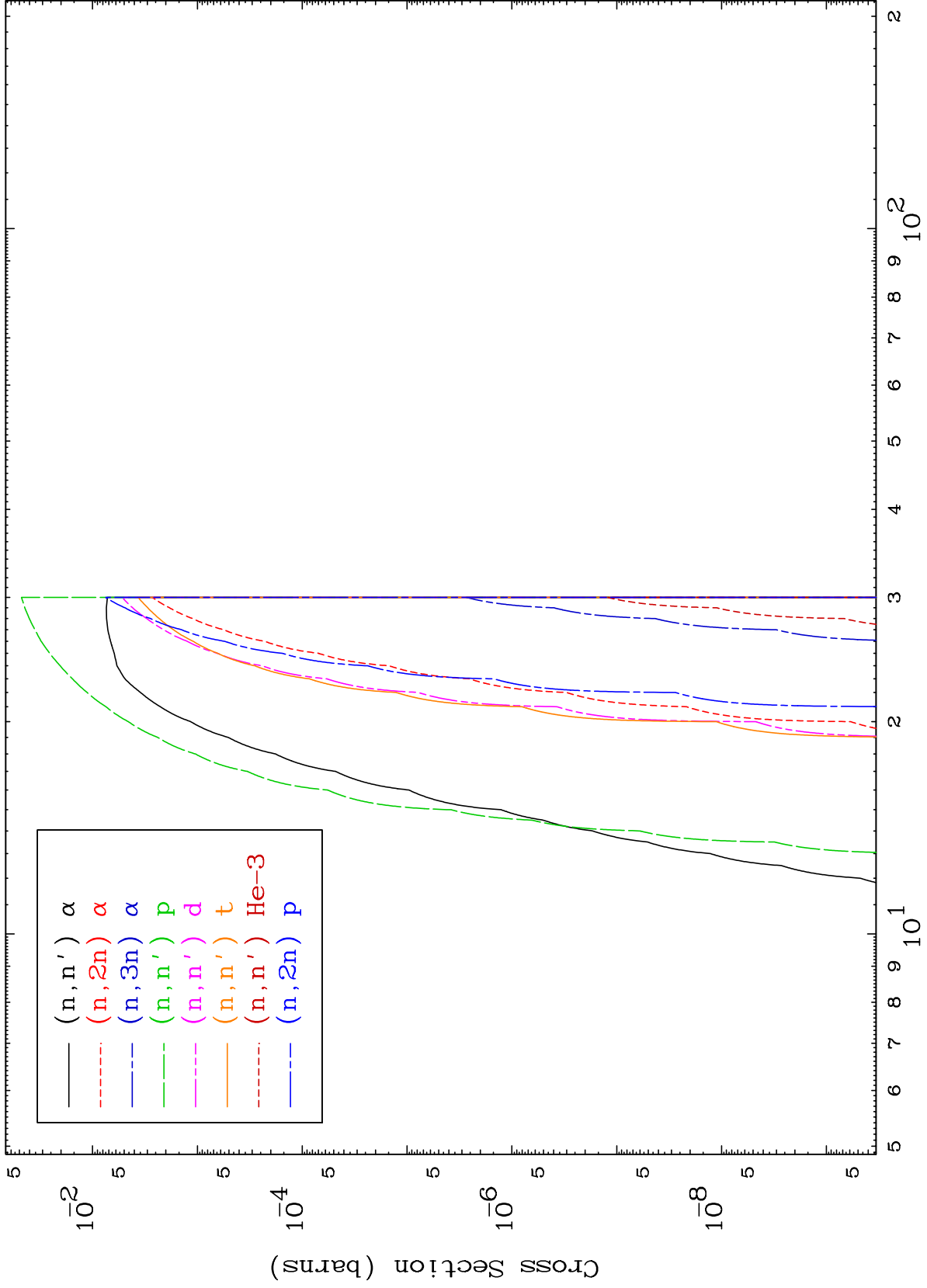
46-Pd-112



MAT 4655

Charged Particle  
293 Kelvin Cross Sections

46-Pd-112



4

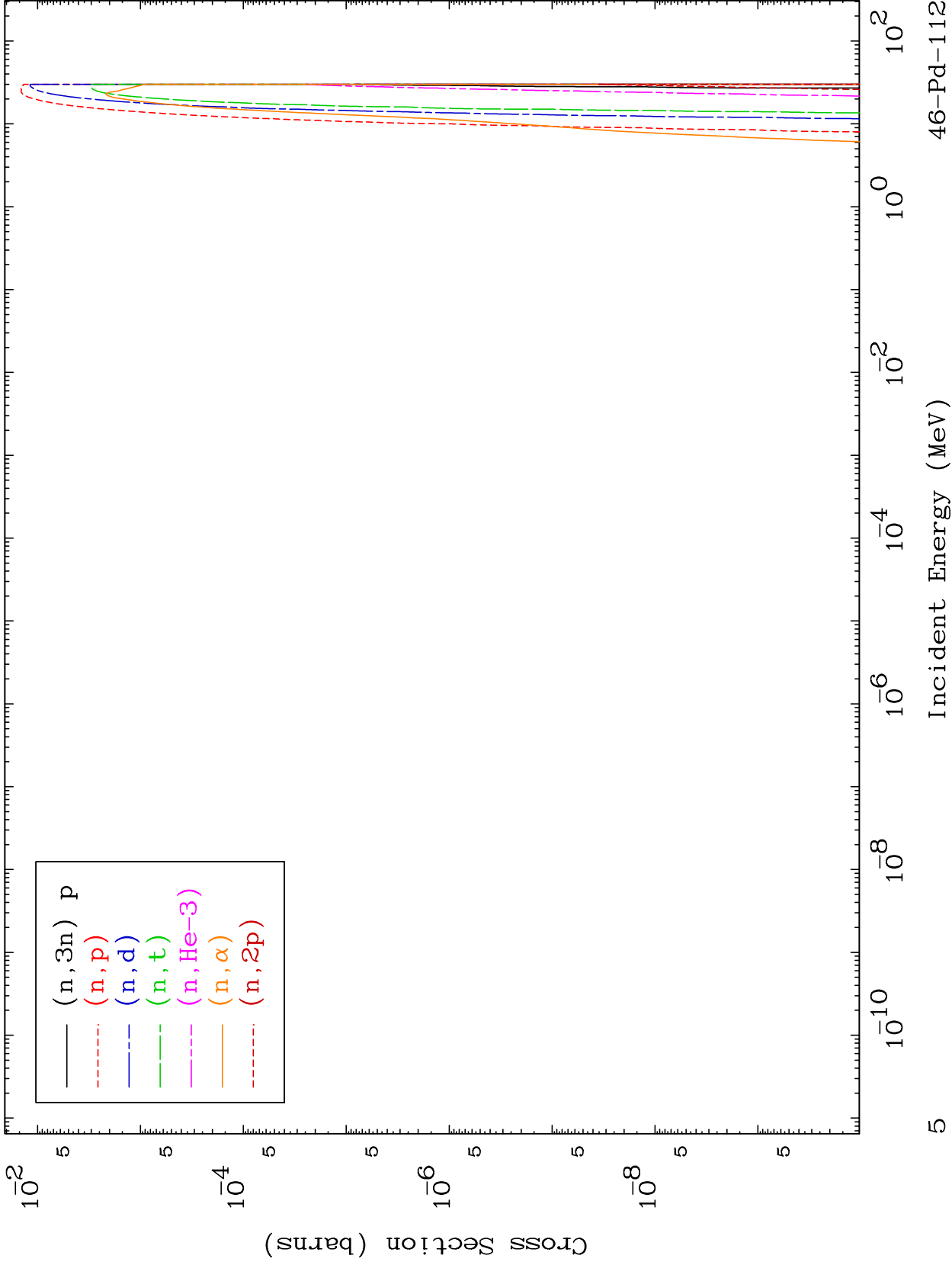
Incident Energy (MeV)

46-Pd-112

MAT 4655

Charged Particle  
293 Kelvin Cross Sections

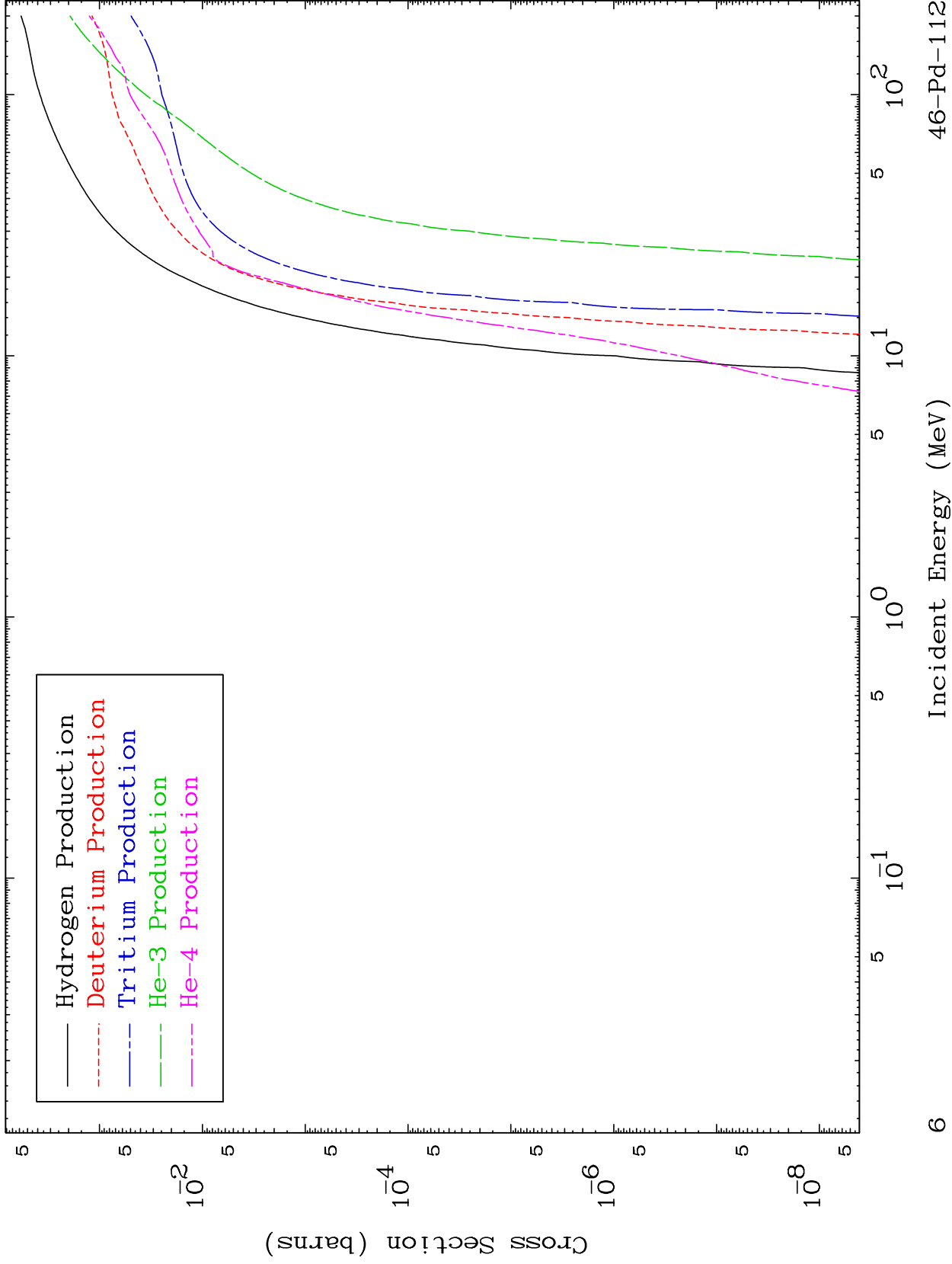
46-Pd-112



MAT 4655

Particle Production  
293 Kelvin Cross Sections

46-Pd-112

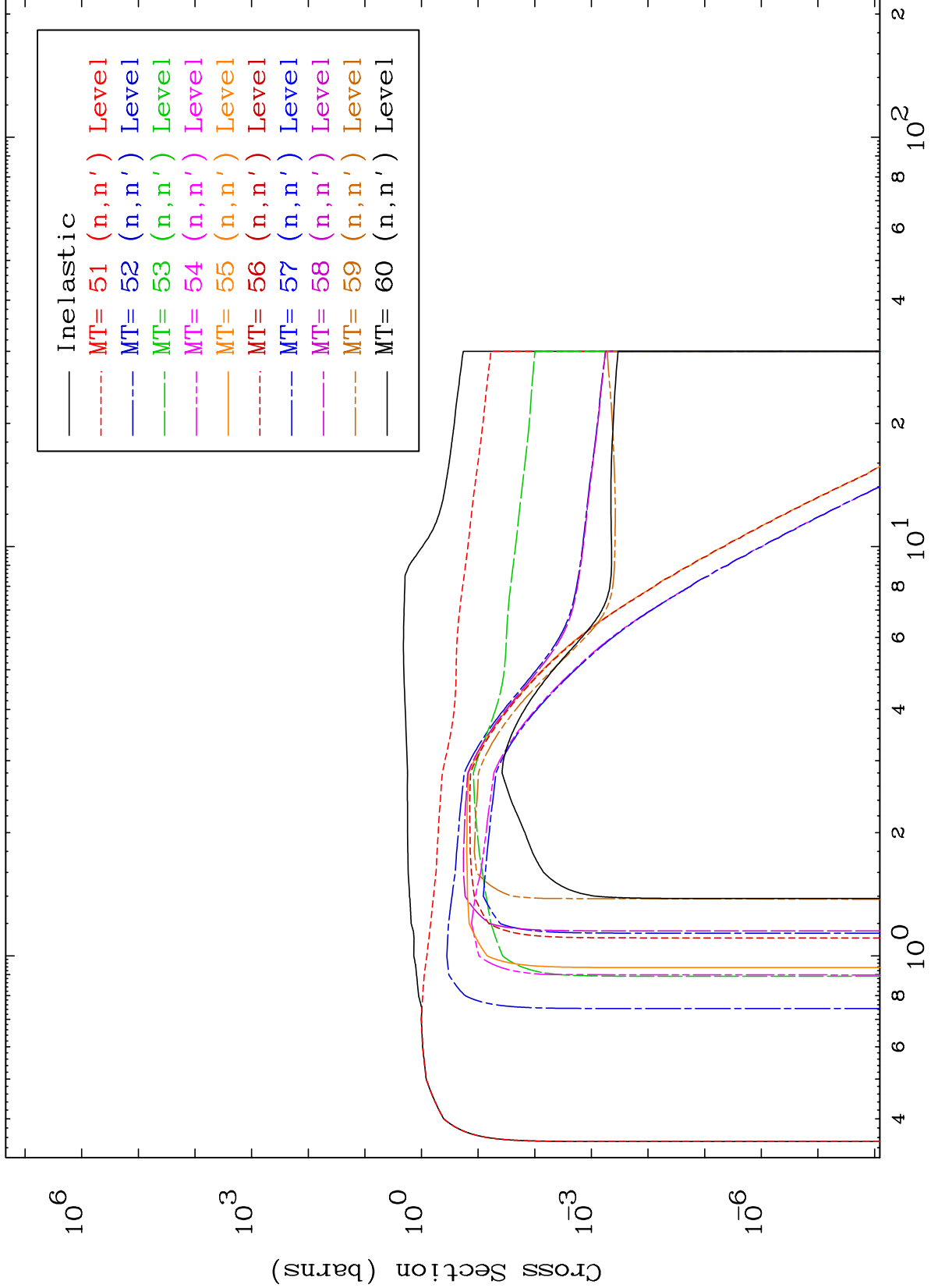


MAT 4655

(n,n') Level

46-Pd-112

293 Kelvin Cross Sections



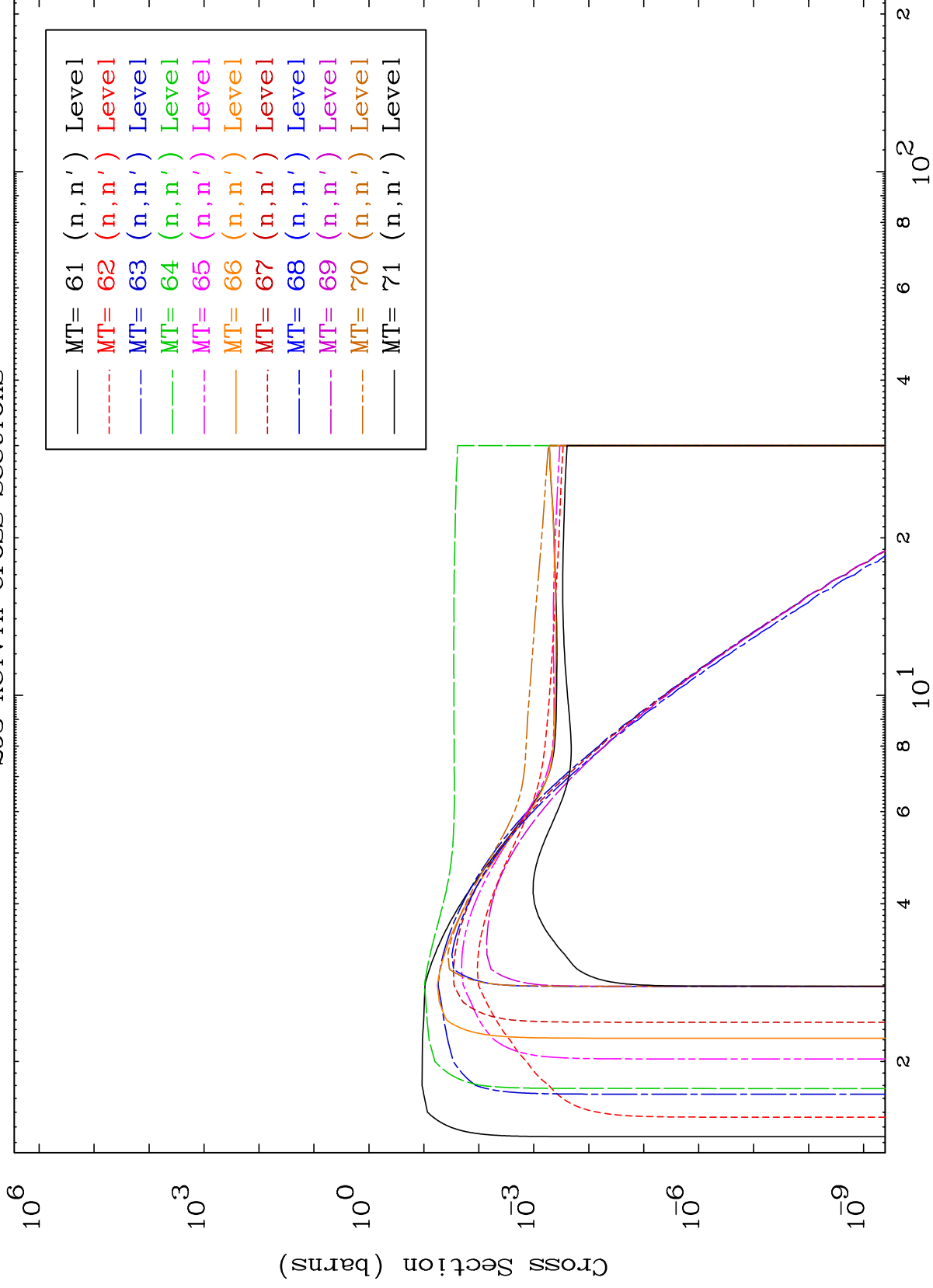


MAT 4655

(n,n') Level

46-Pd-112

293 Kelvin Cross Sections

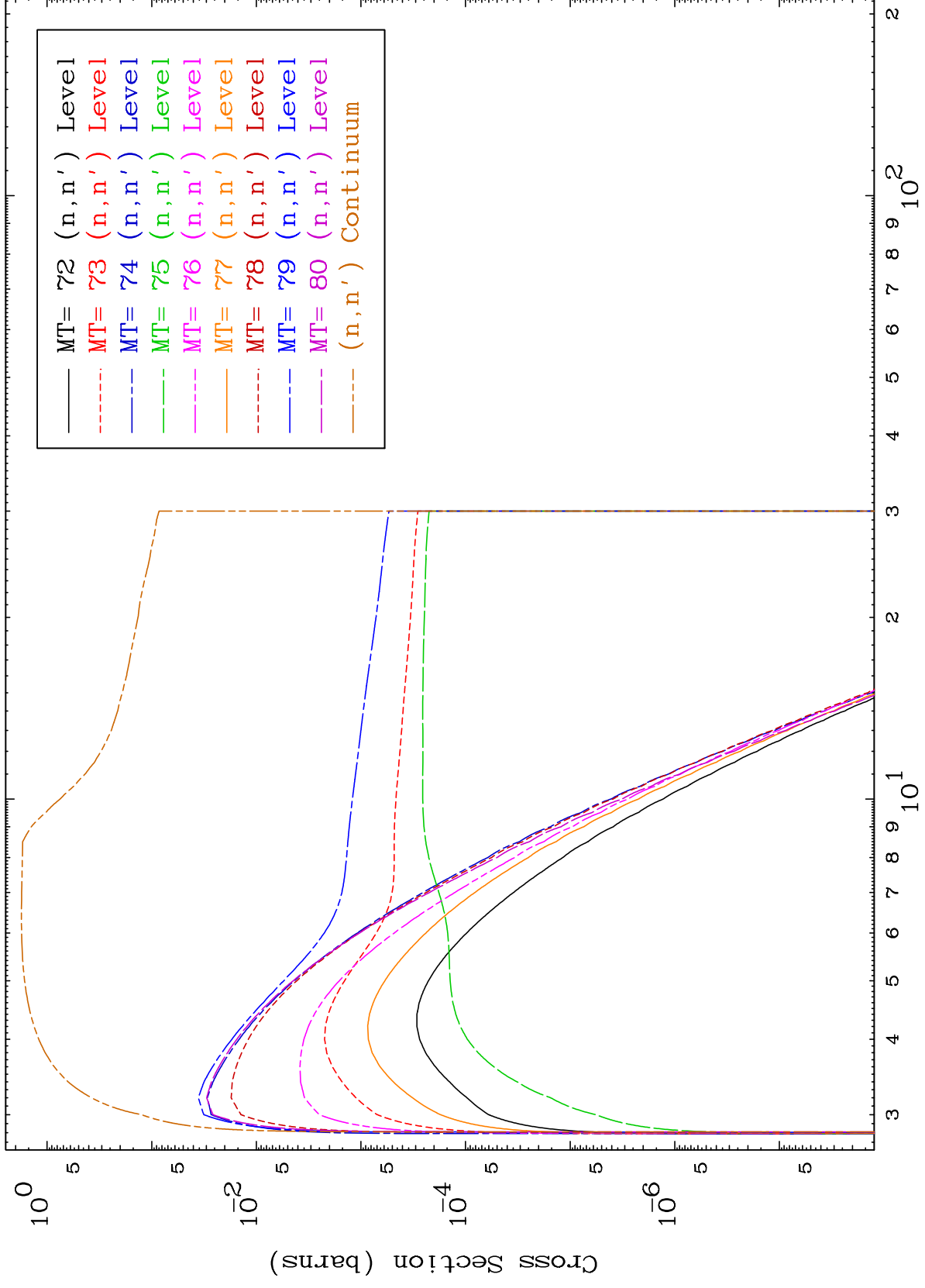


8

Incident Energy (MeV)

46-Pd-112

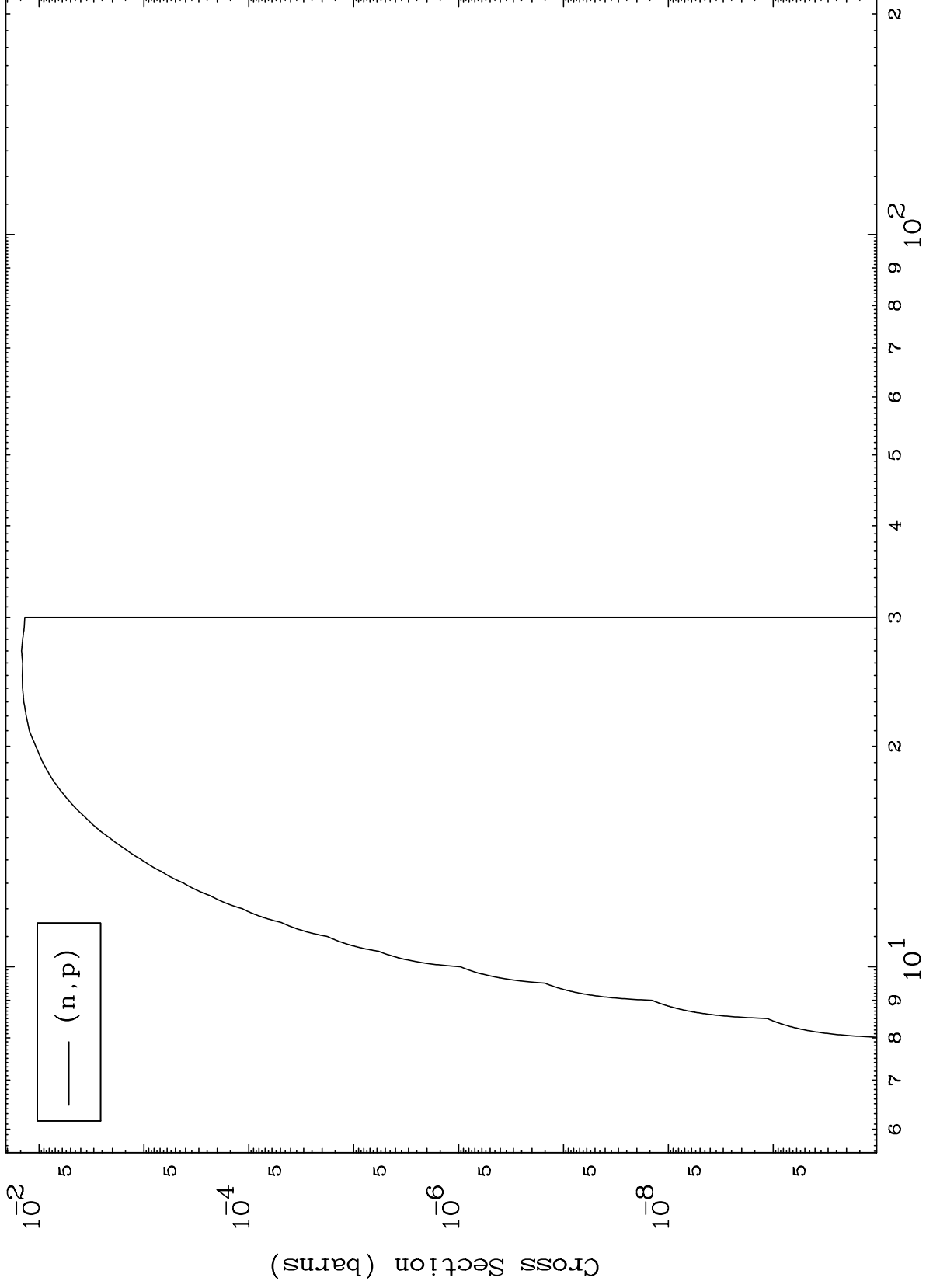
293 Kelvin Cross Sections



MAT 4655

(n,p) Levels  
293 Kelvin Cross Sections

46-Pd-112



10

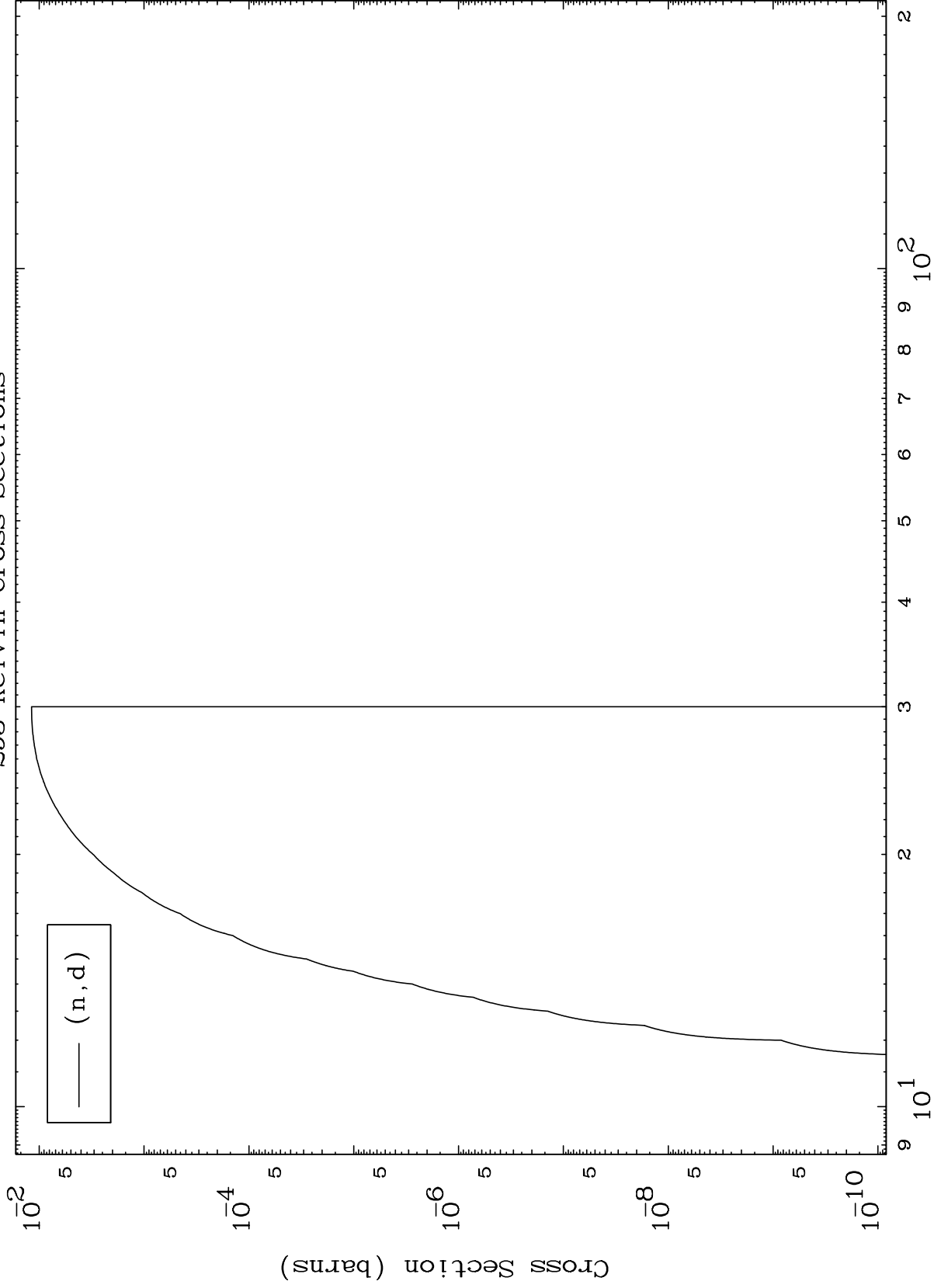
Incident Energy (MeV)

46-Pd-112

MAT 4655

(n,d) Levels  
293 Kelvin Cross Sections

46-Pd-112



11

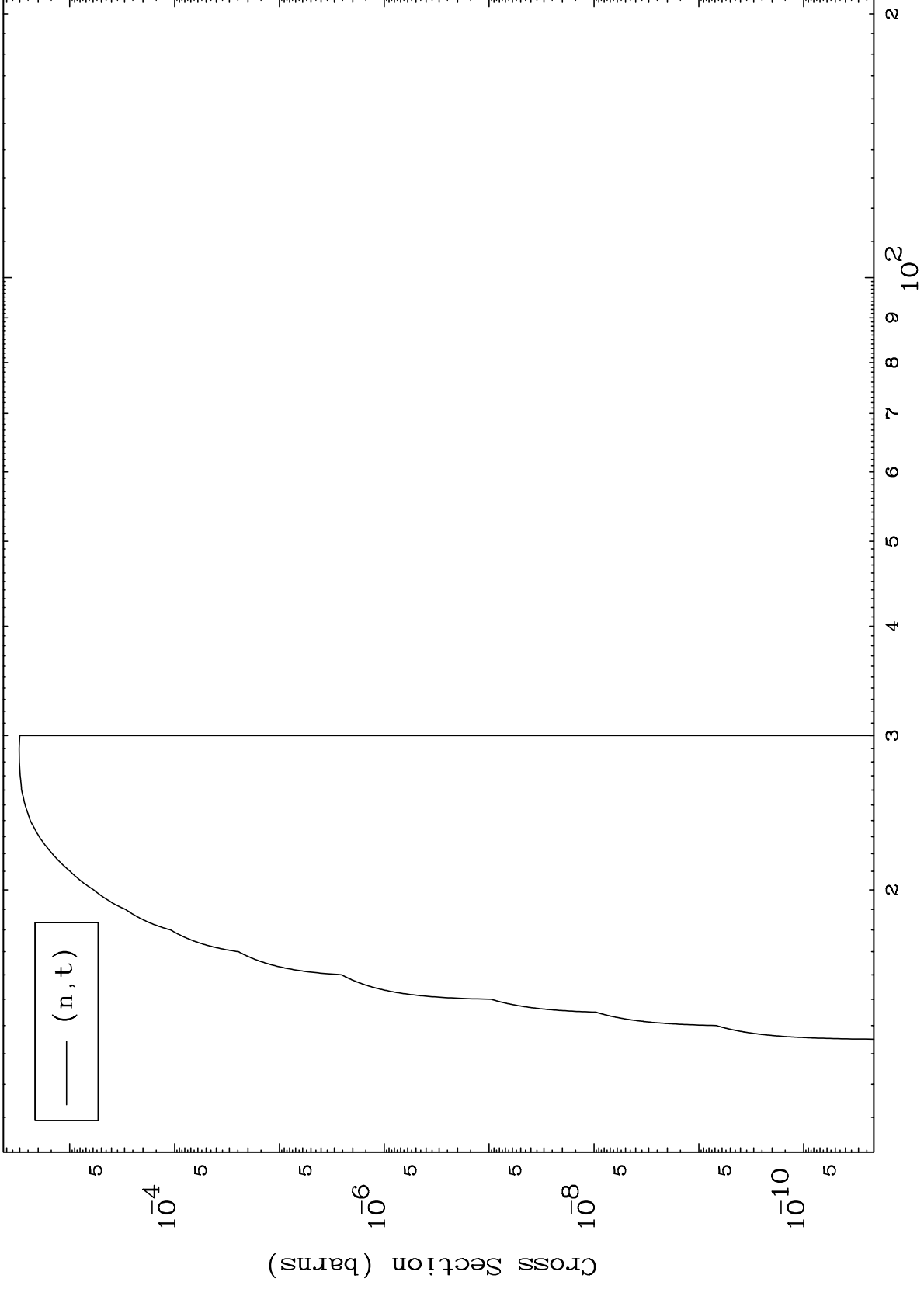
Incident Energy (MeV)

46-Pd-112

MAT 4655

(n,t) Levels  
293 Kelvin Cross Sections

46-Pd-112



12

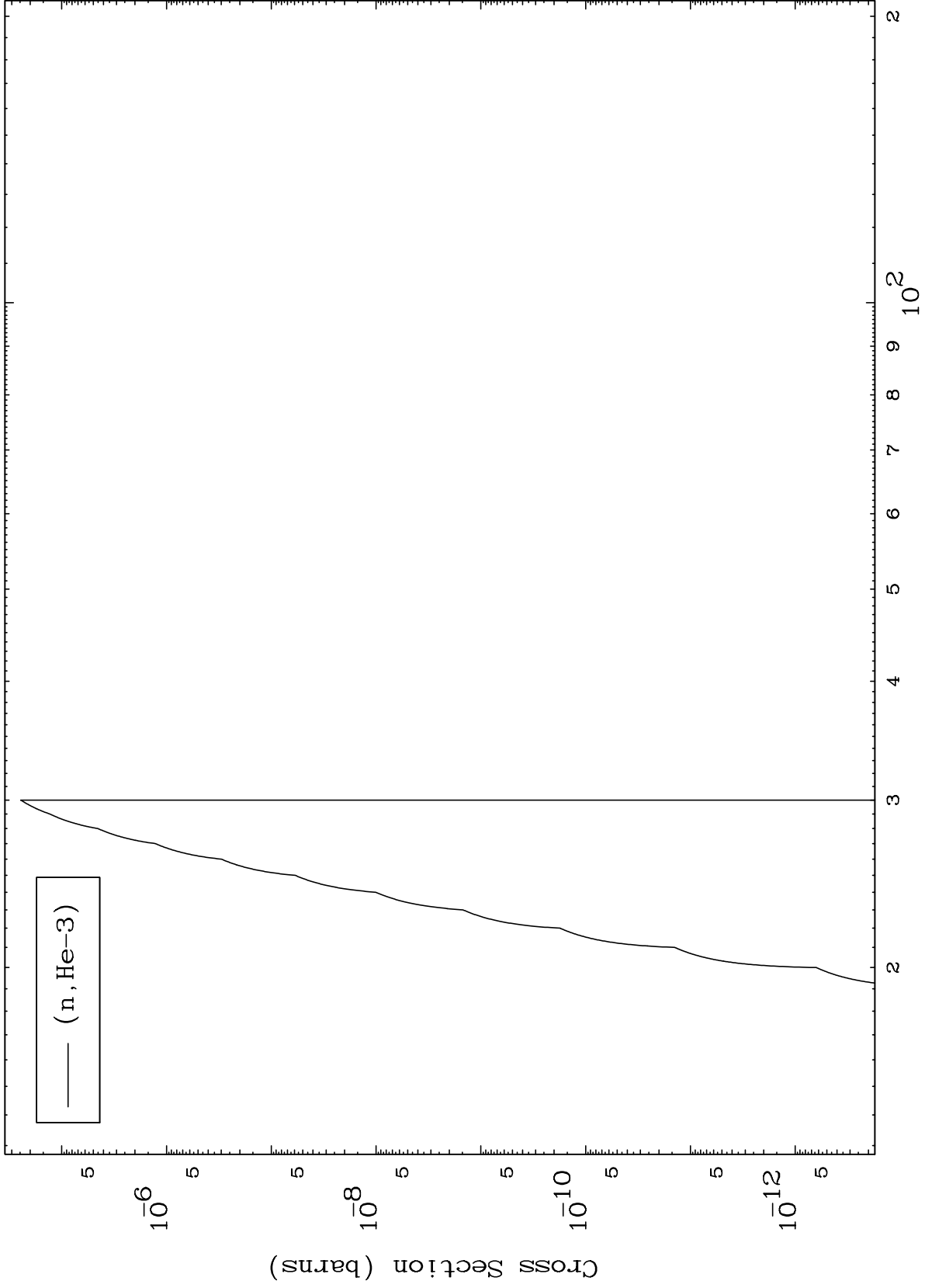
Incident Energy (MeV)

46-Pd-112

MAT 4655

(n,He3) Levels  
293 Kelvin Cross Sections

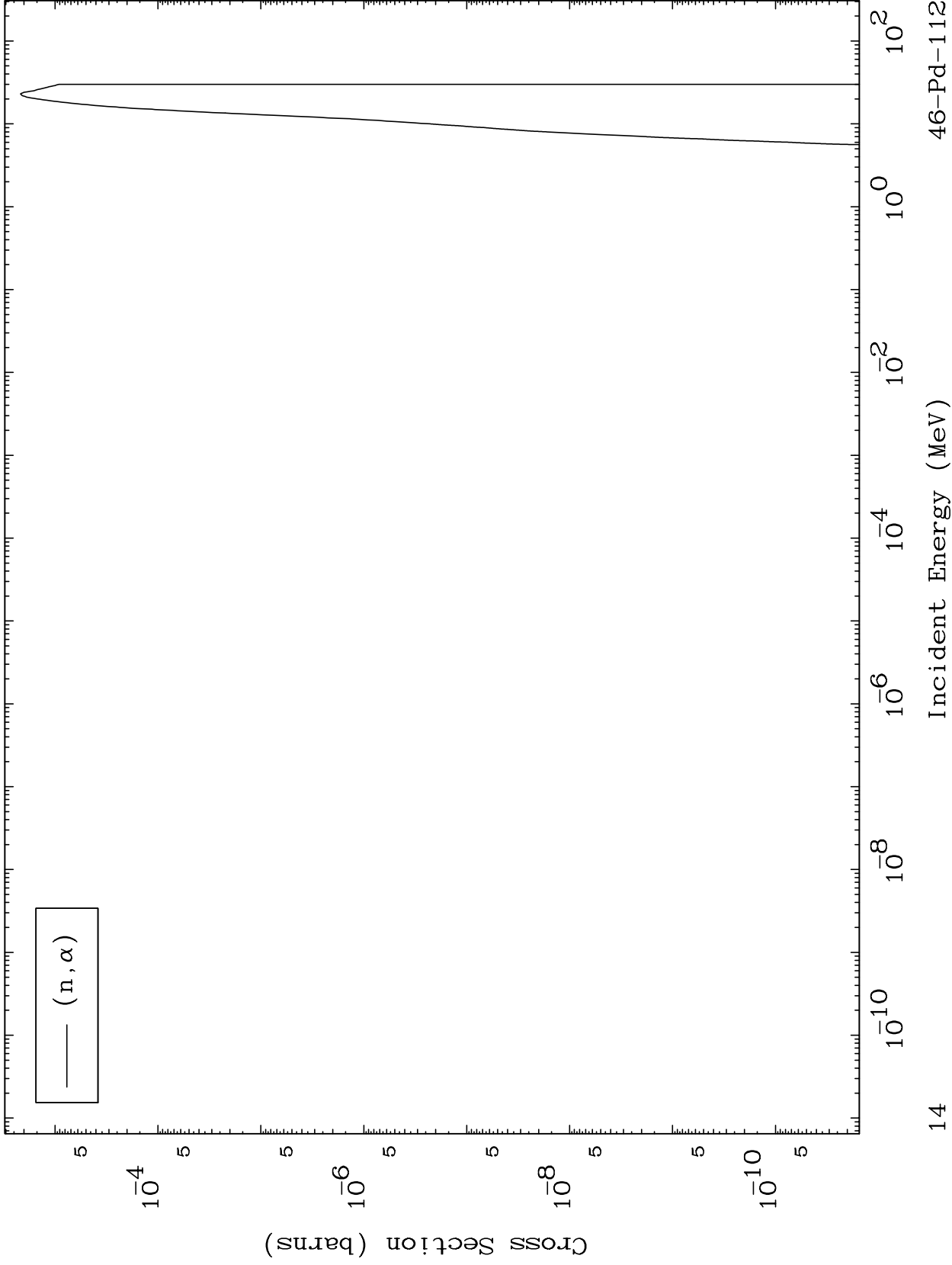
46-Pd-112

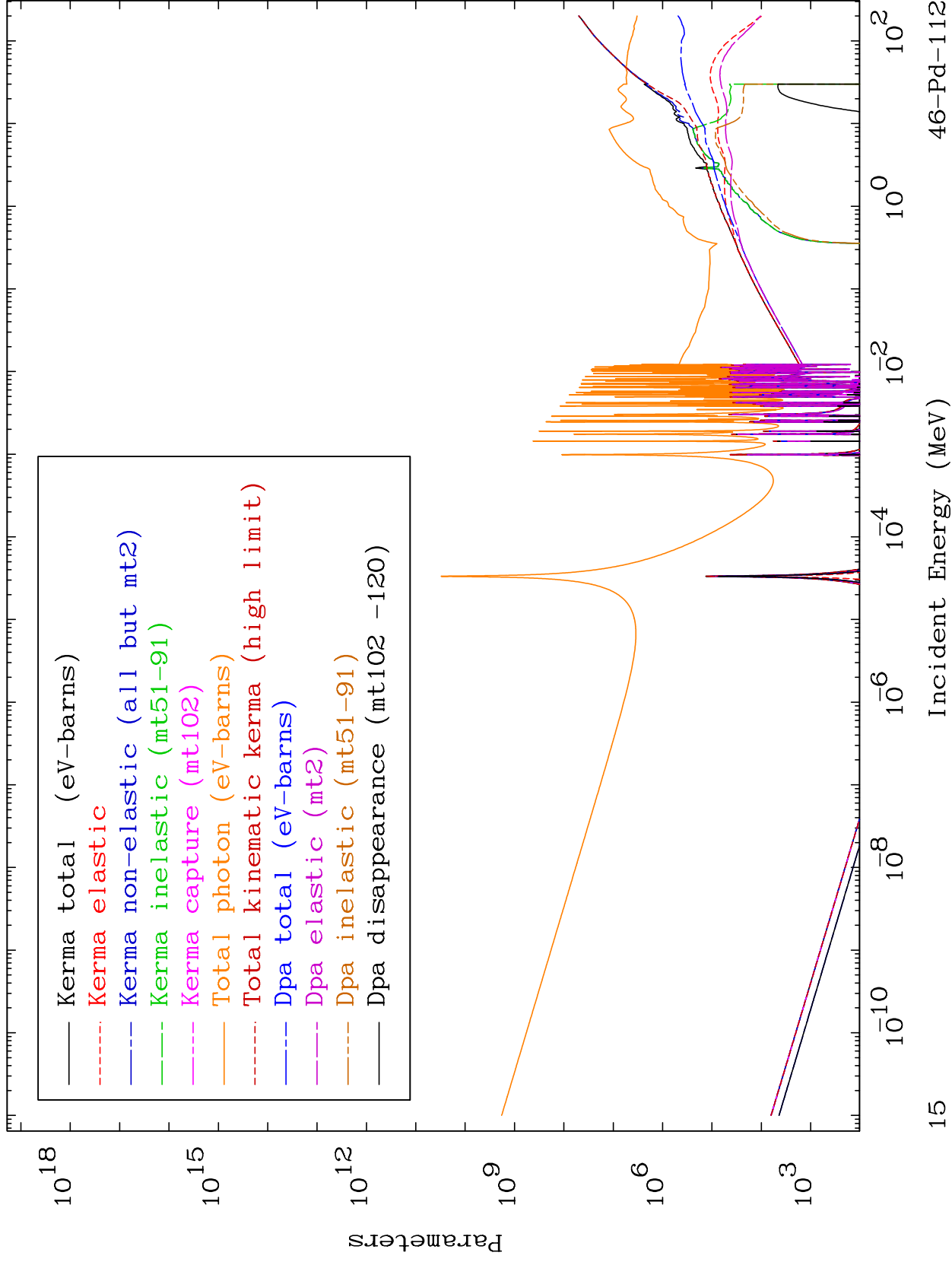


MAT 4655

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

46-Pd-112



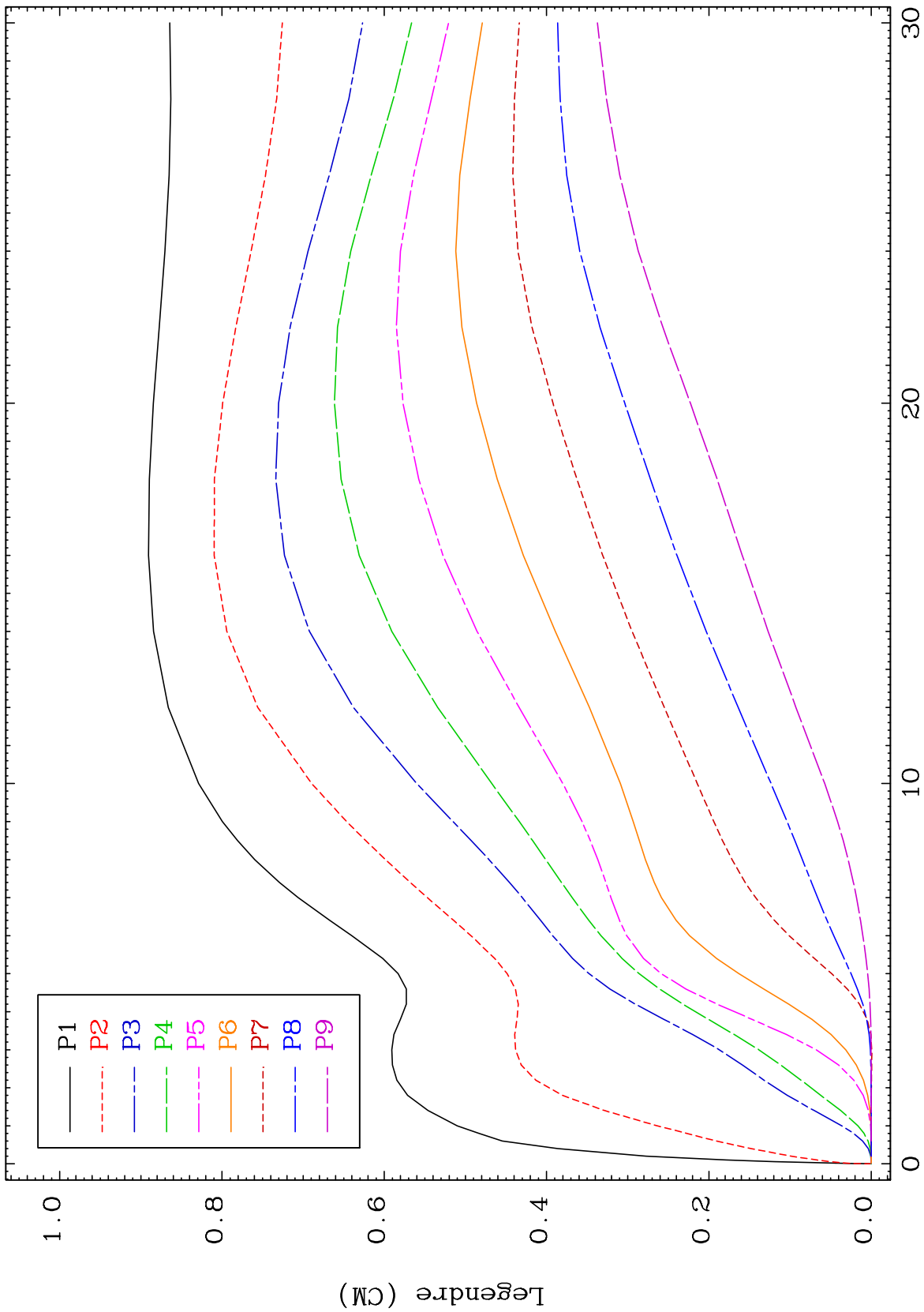




MAT 4655

Elastic Legendre Coefficients

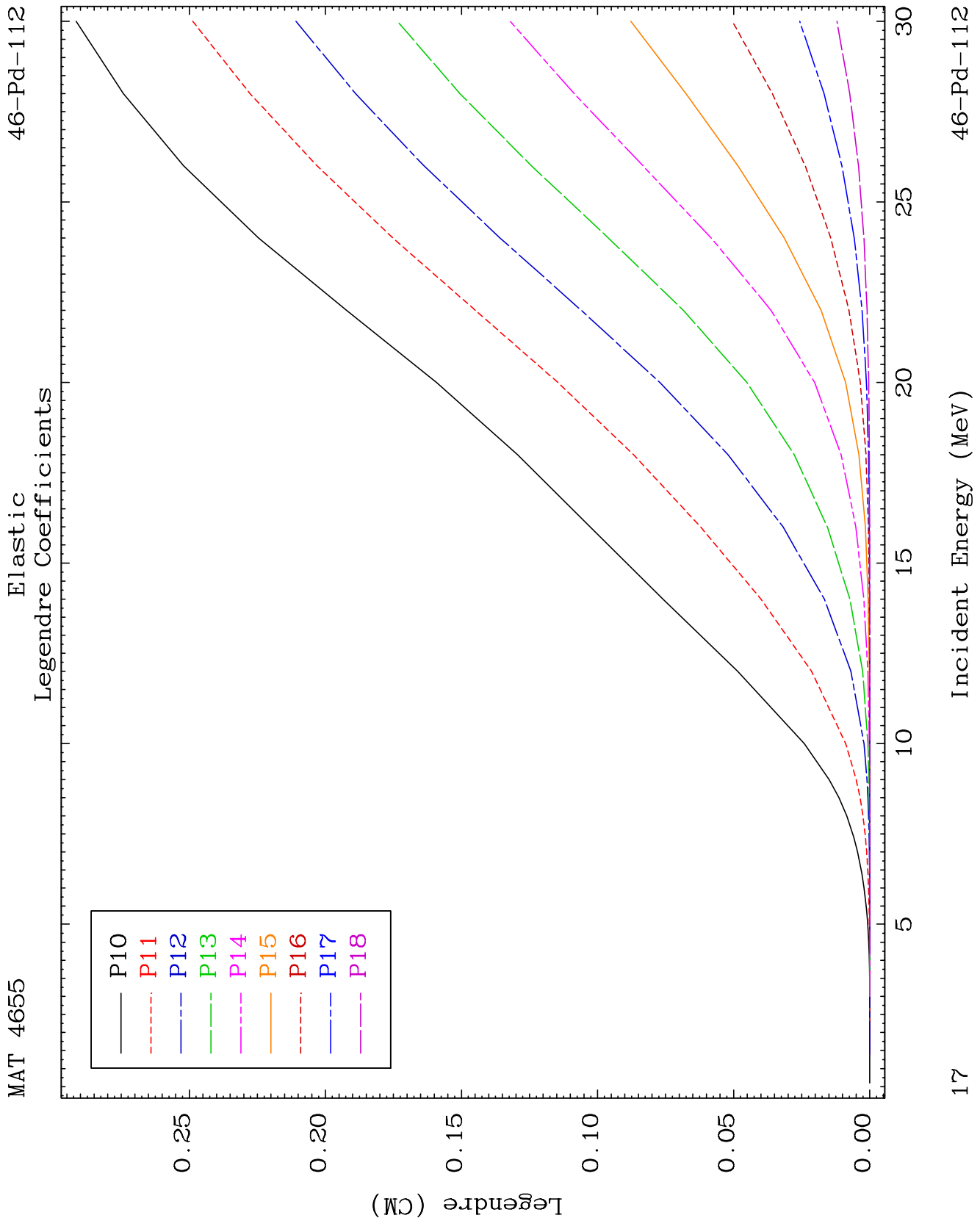
46-Pd-112



16

Incident Energy (MeV)

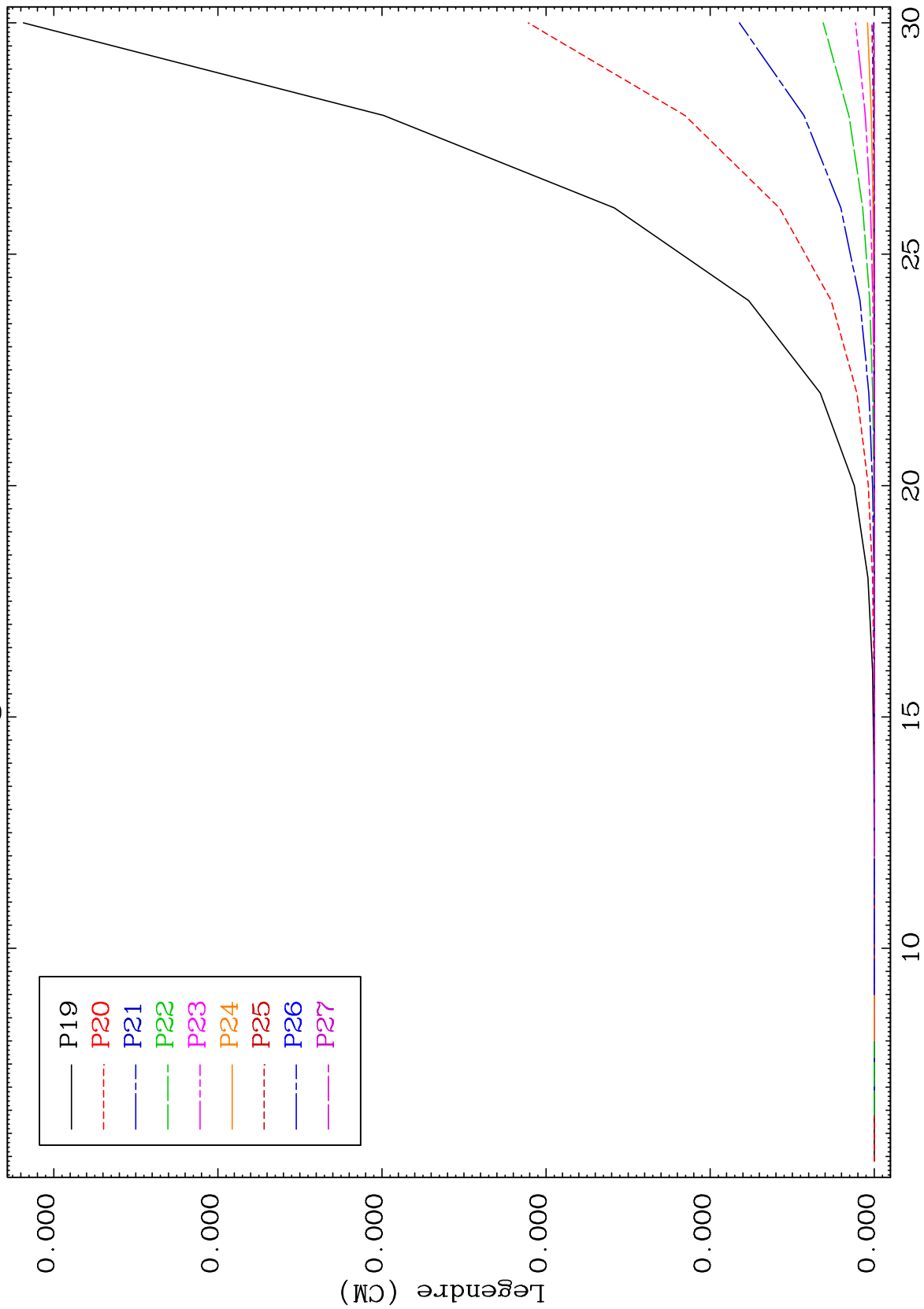
46-Pd-112



MAT 4655

Elastic Legendre Coefficients

46-Pd-112



18

Incident Energy (MeV)

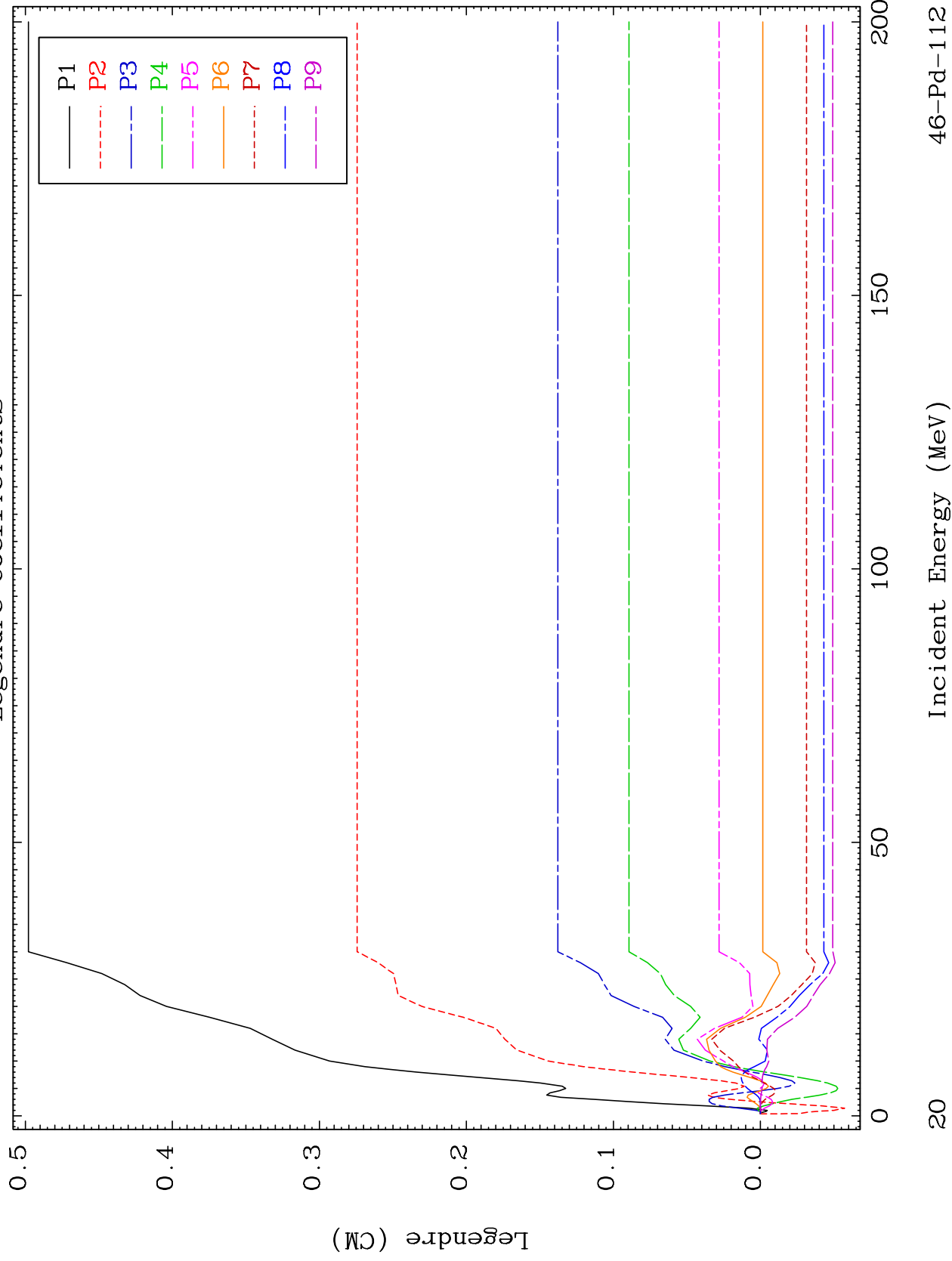
46-Pd-112



MAT 4655

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

46-Pd-112

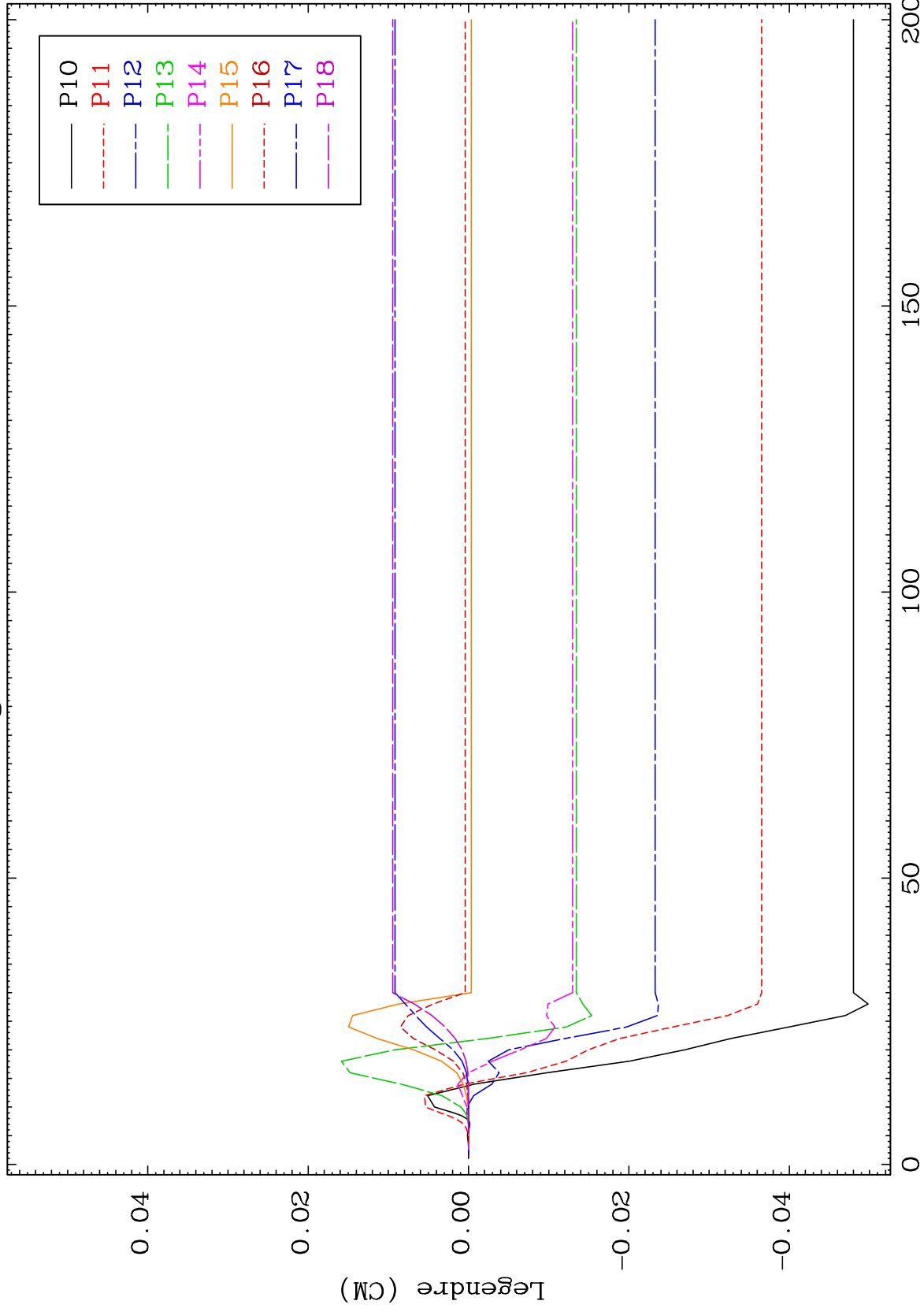


46-Pd-112

MAT 4655

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

46-Pd-112



21

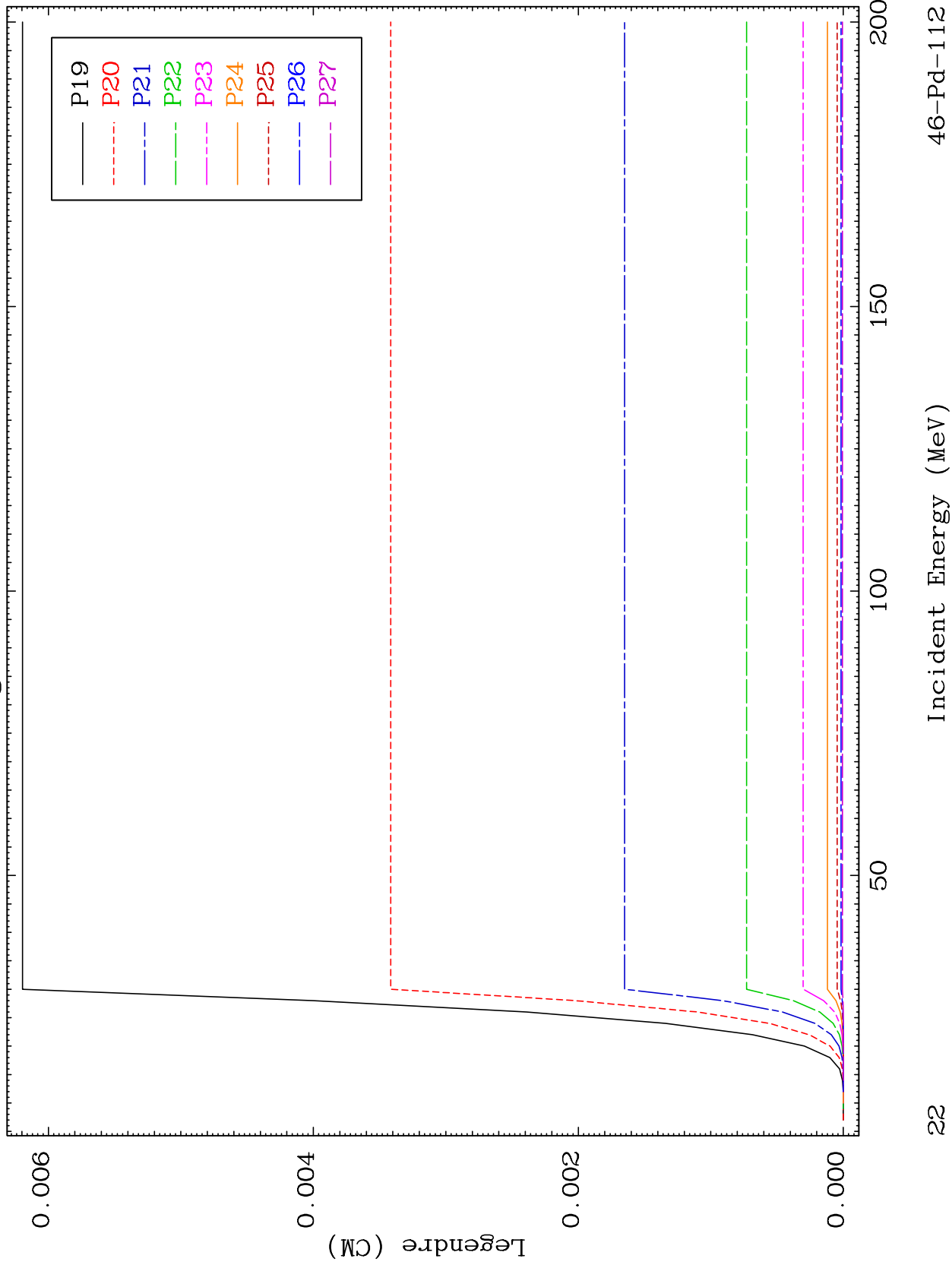
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



22

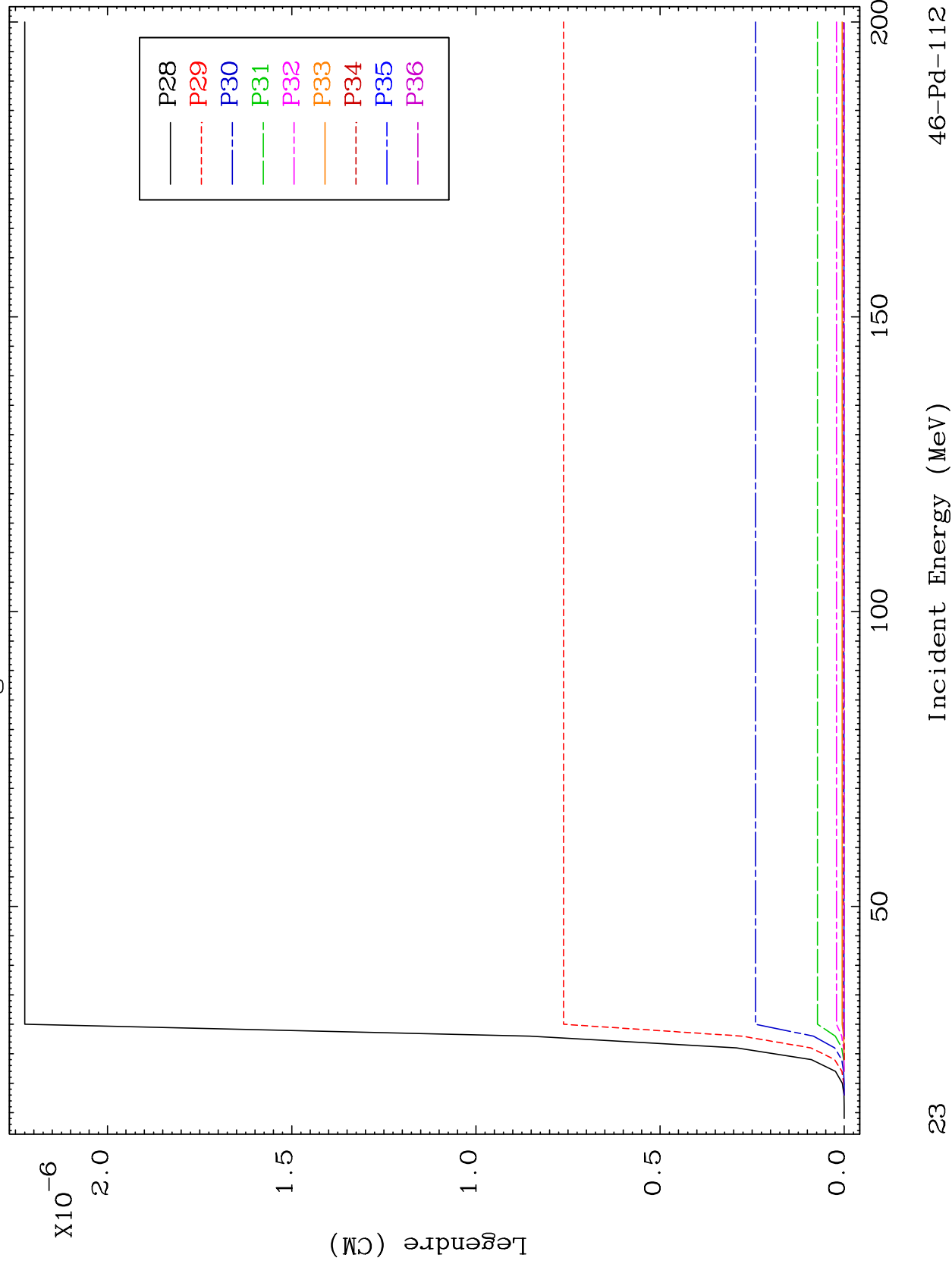
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



23

46-Pd-112

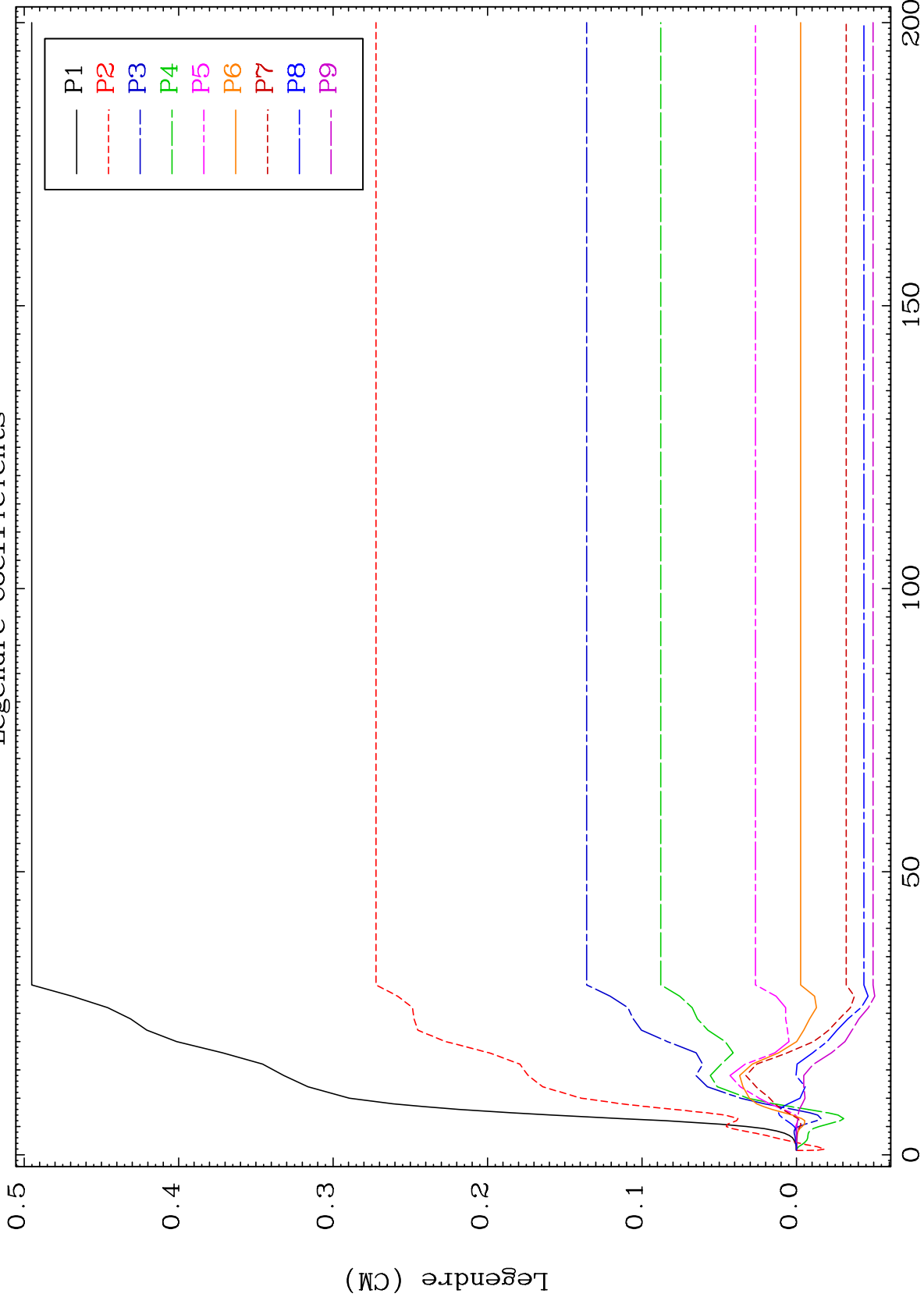


MAT 4655

MT= 52 (n,n') Level

46-Pd-112

Legendre Coefficients



24

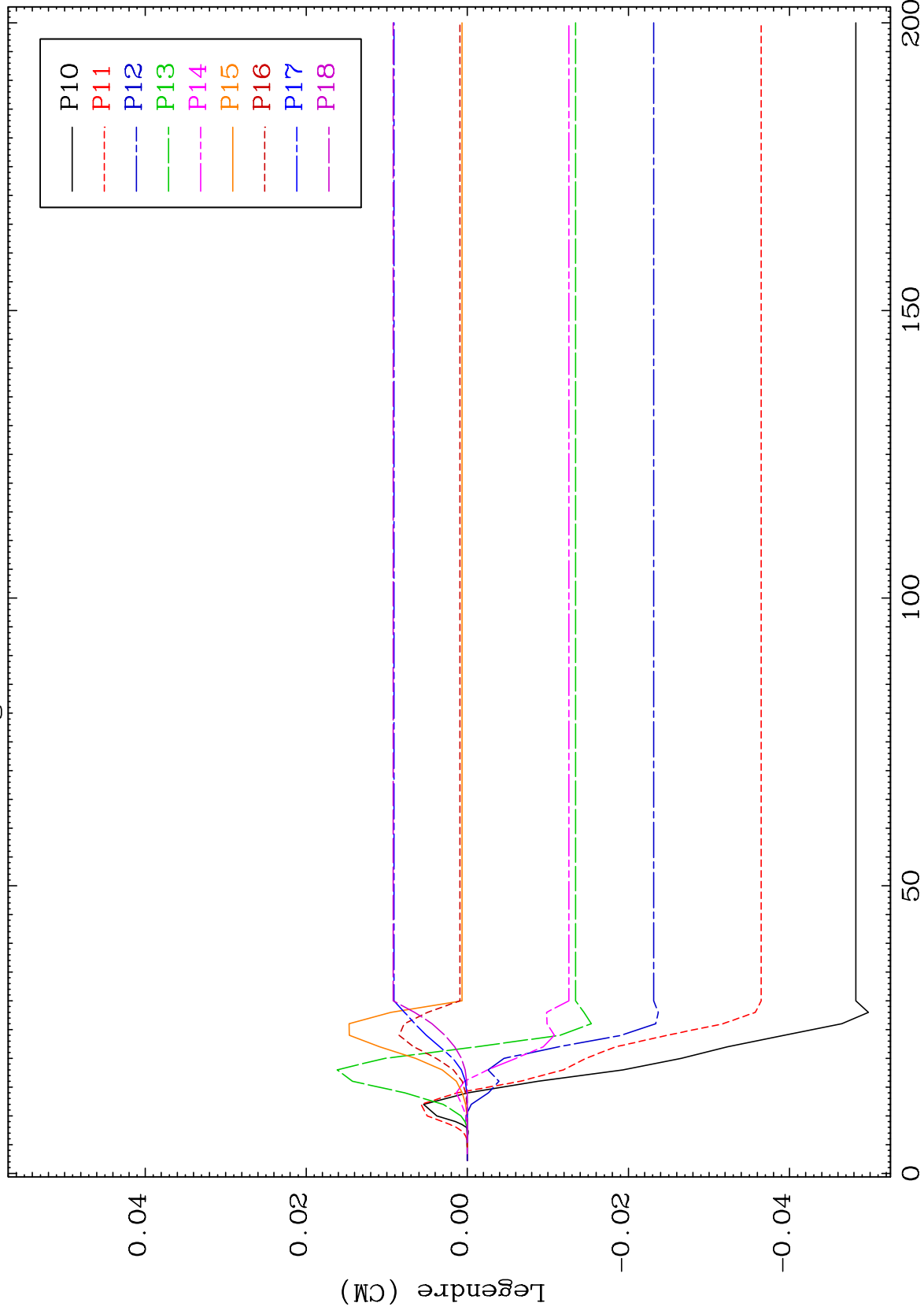
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



25

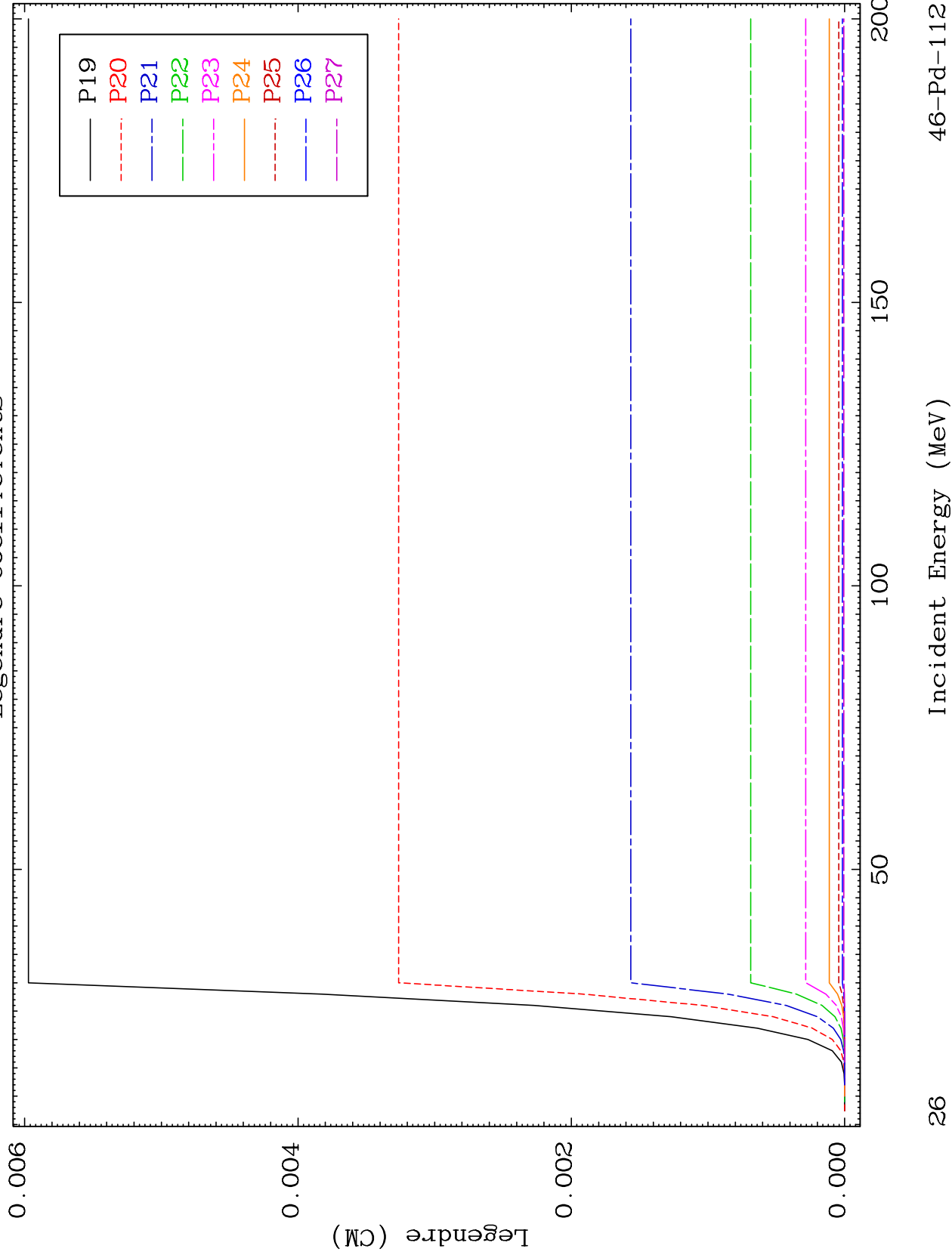
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



26

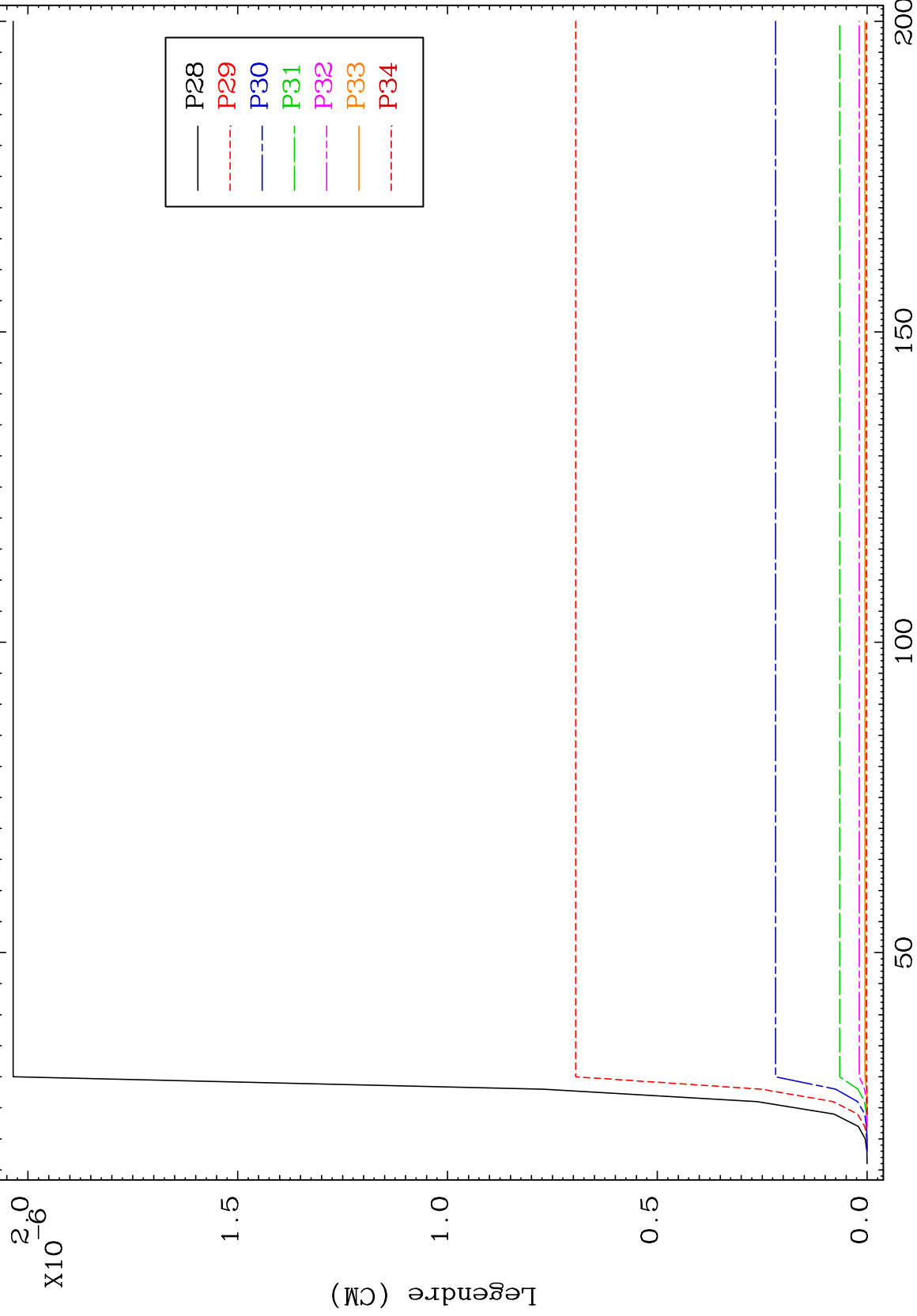
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



27

Incident Energy (MeV)

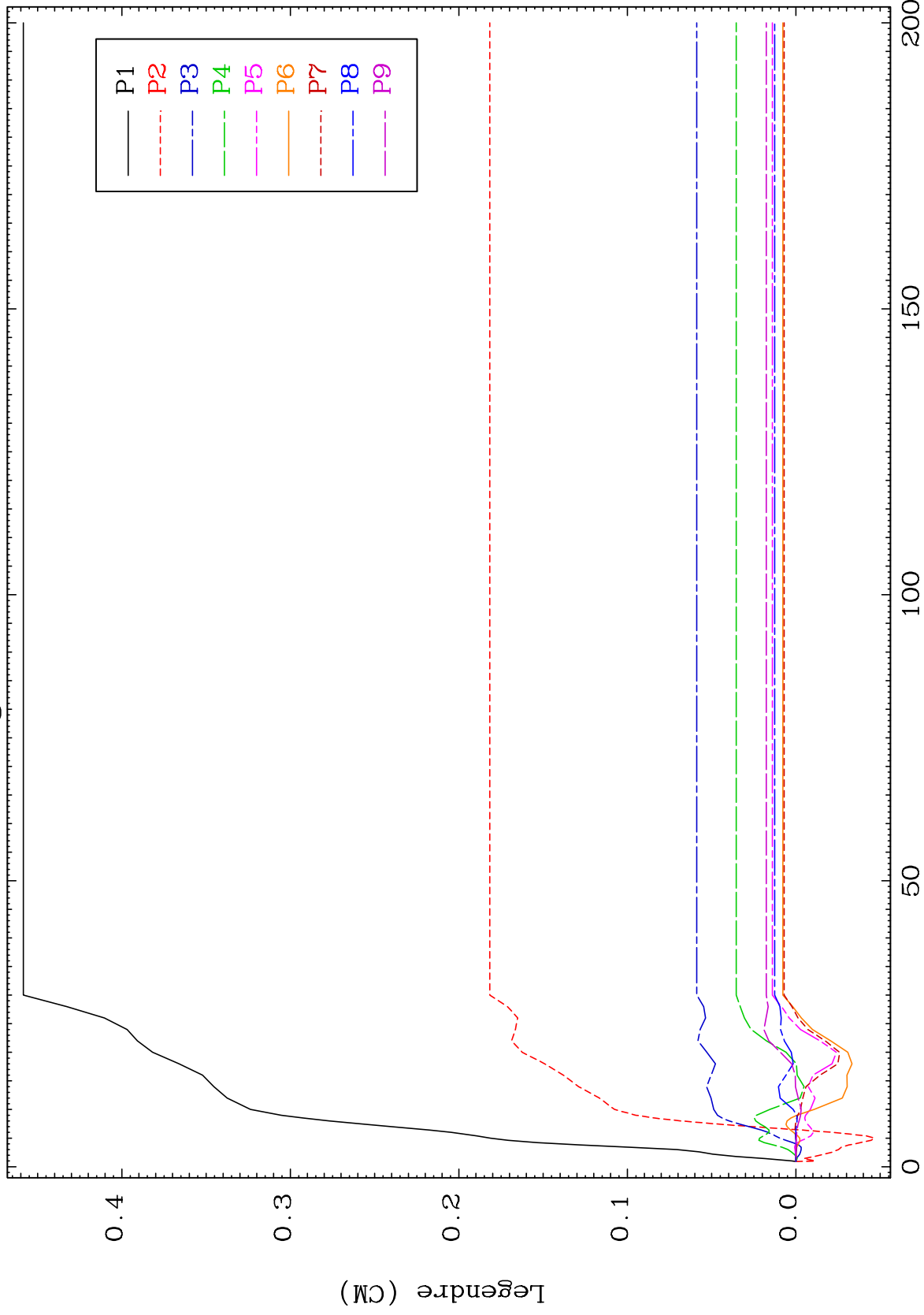
46-Pd-112

MAT 4655

MT= 53 (n,n') Level

46-Pd-112

Legendre Coefficients



28

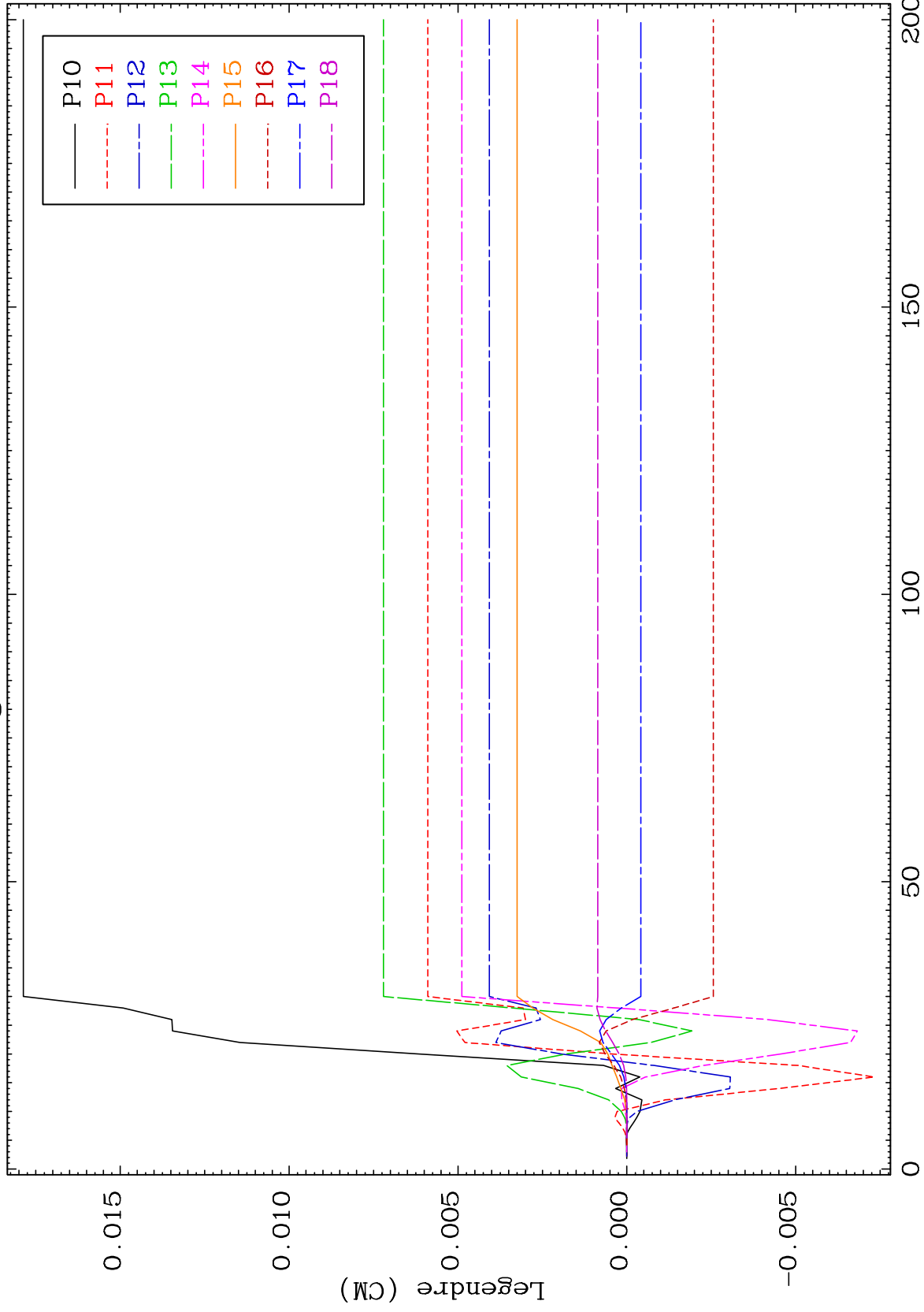
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



29

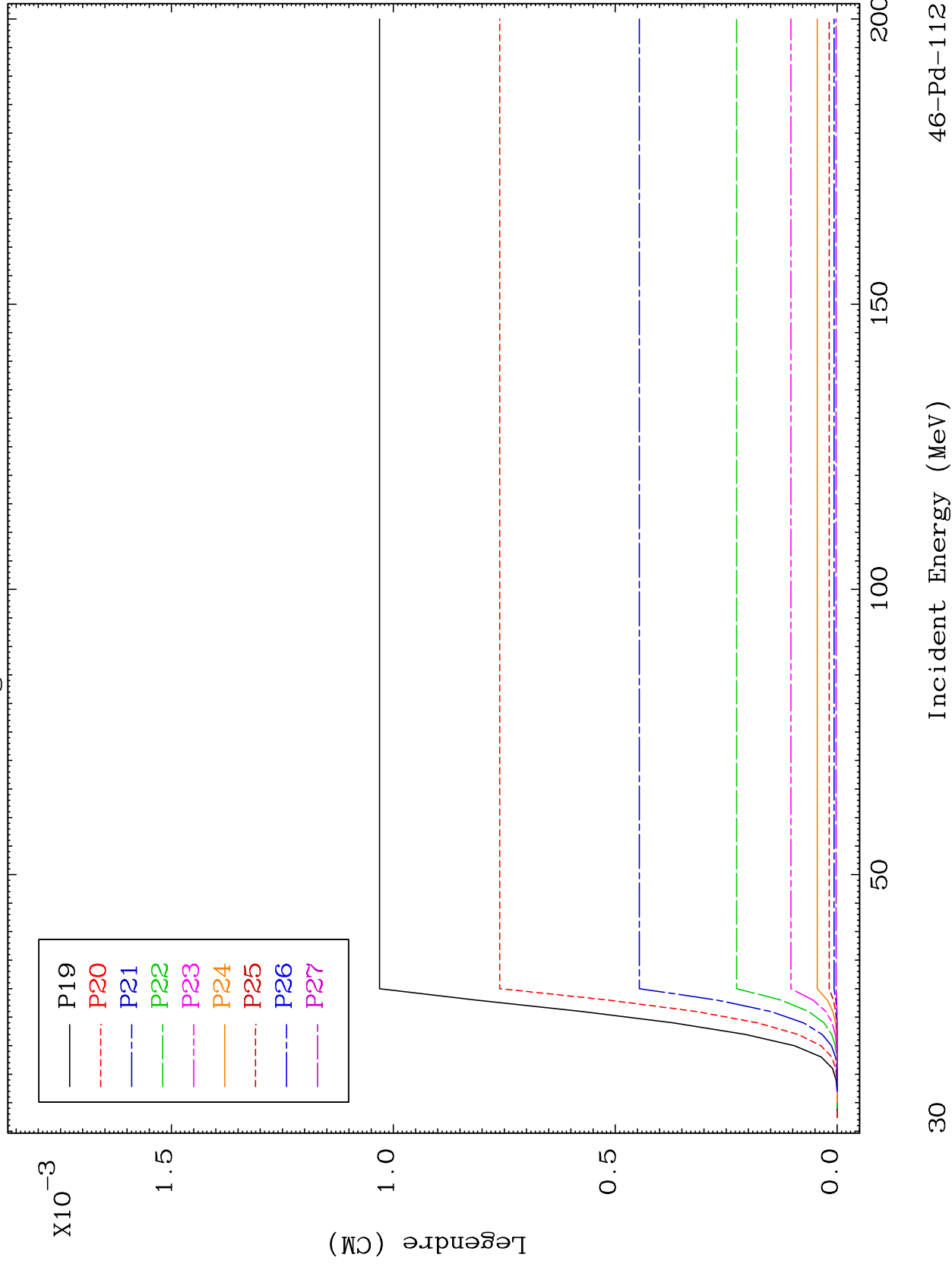
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



30

50

100

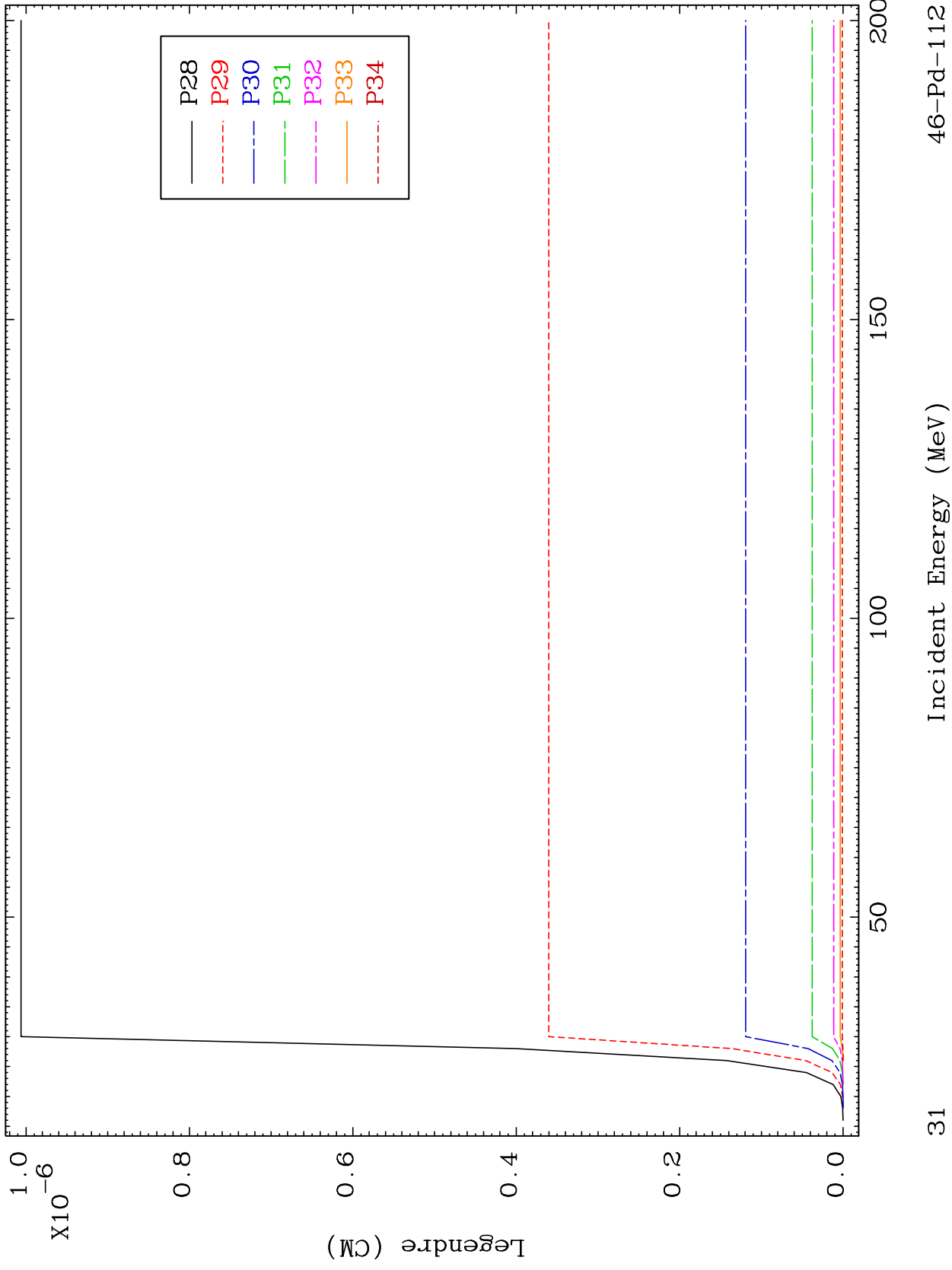
150

200

MAT 4655

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

46-Pd-112



31

46-Pd-112

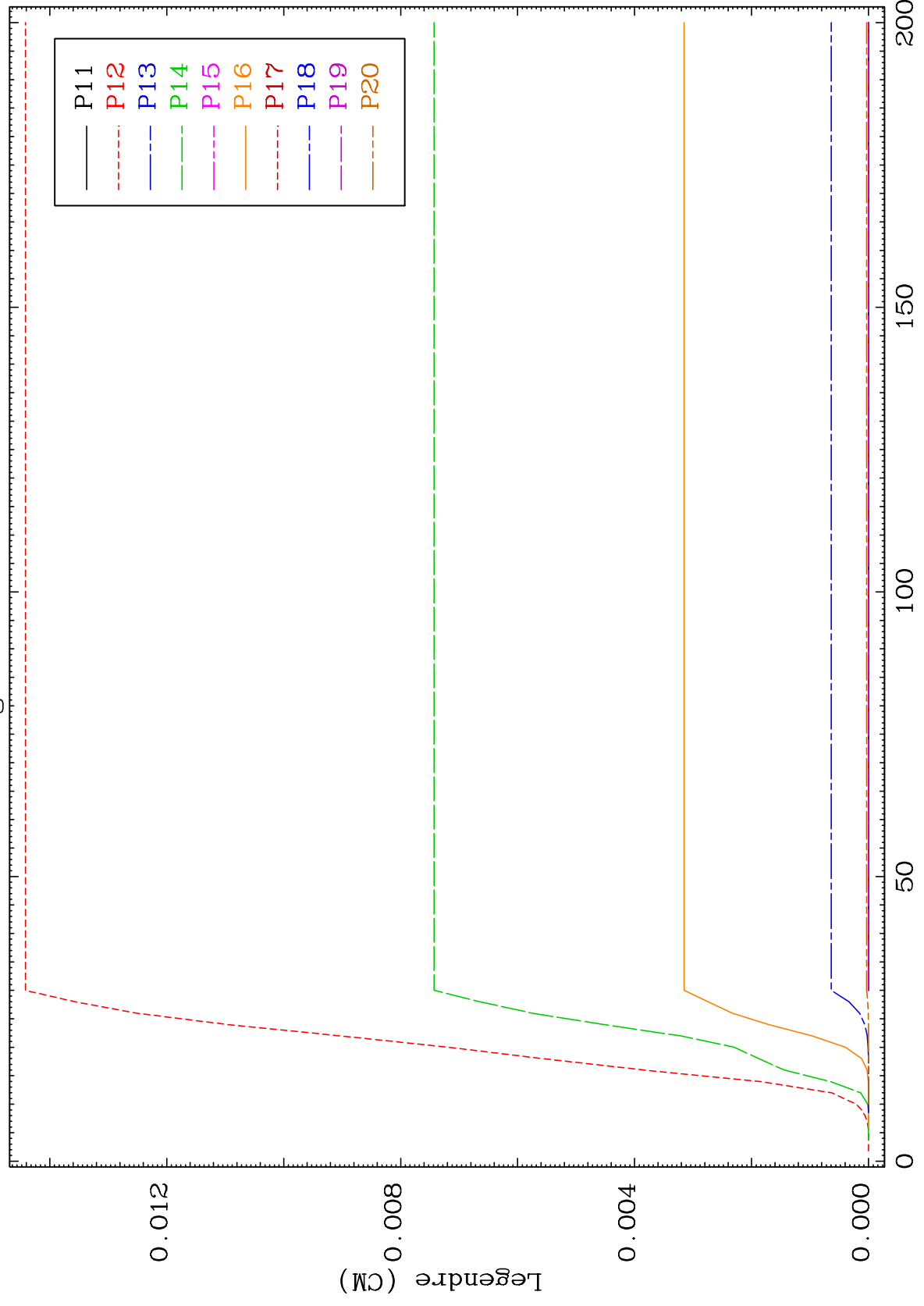




MAT 4655

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

46-Pd-112



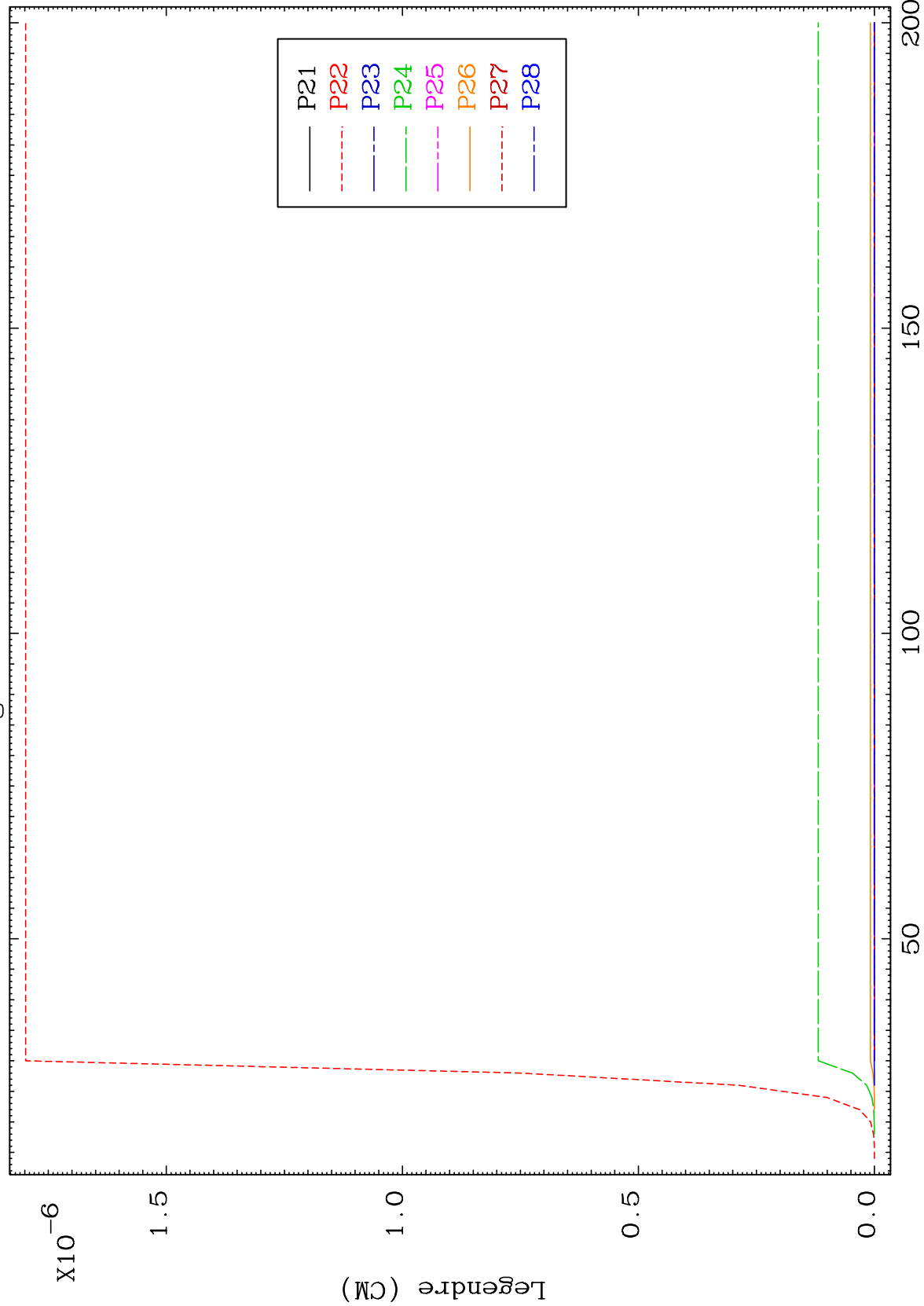
33

46-Pd-112

MAT 4655

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

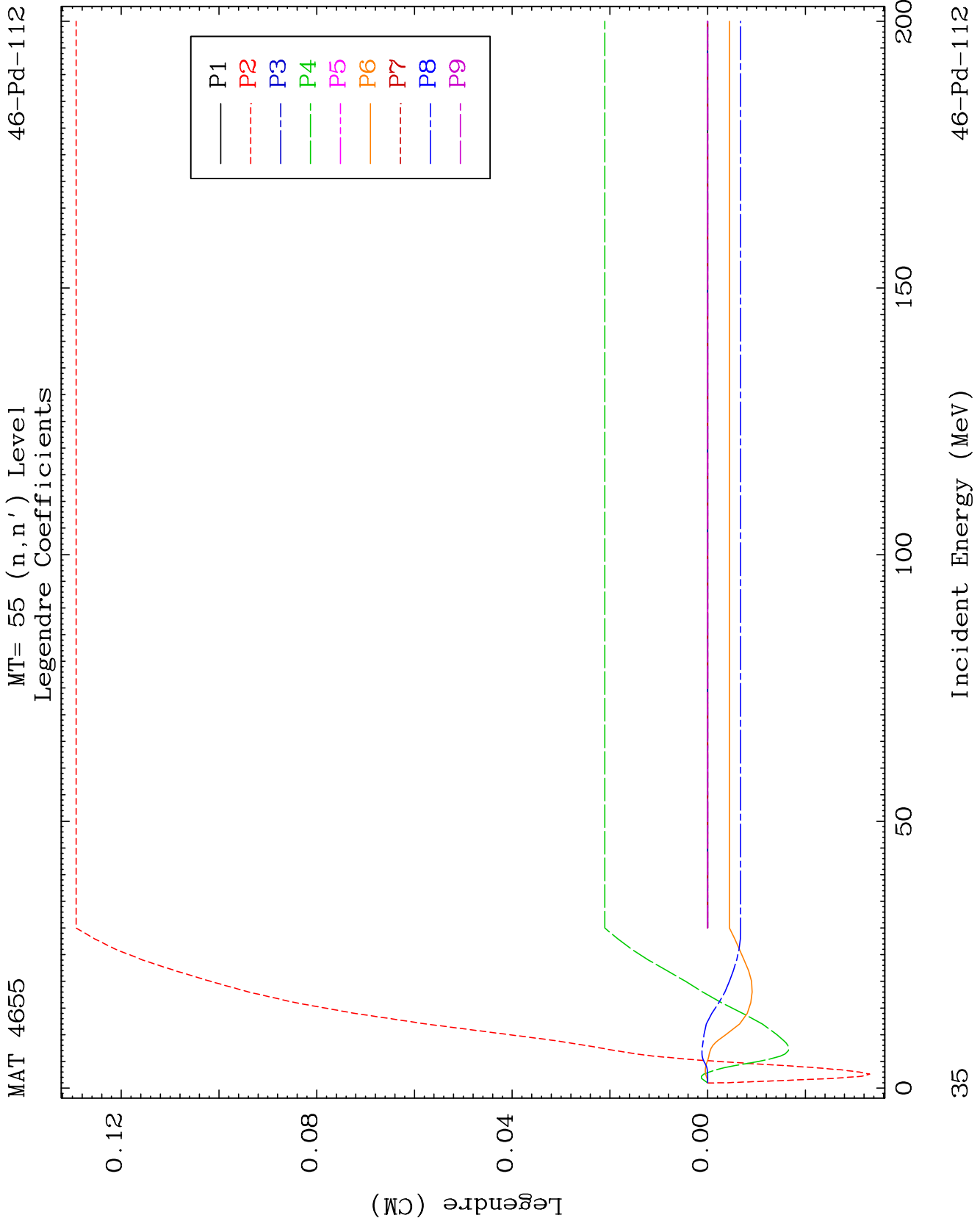
46-Pd-112



34

Incident Energy (MeV)

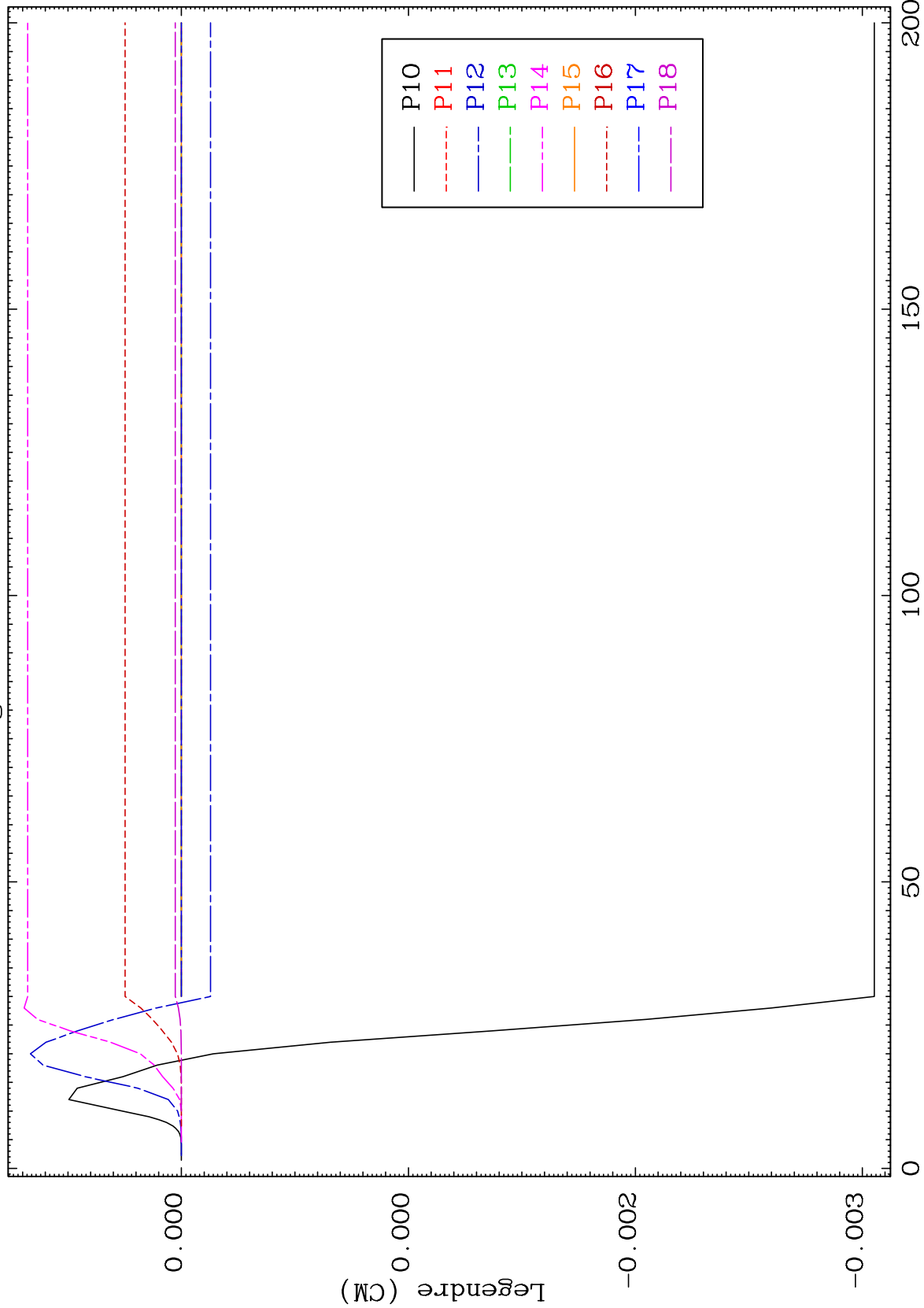
46-Pd-112



MAT 4655

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

46-Pd-112



36

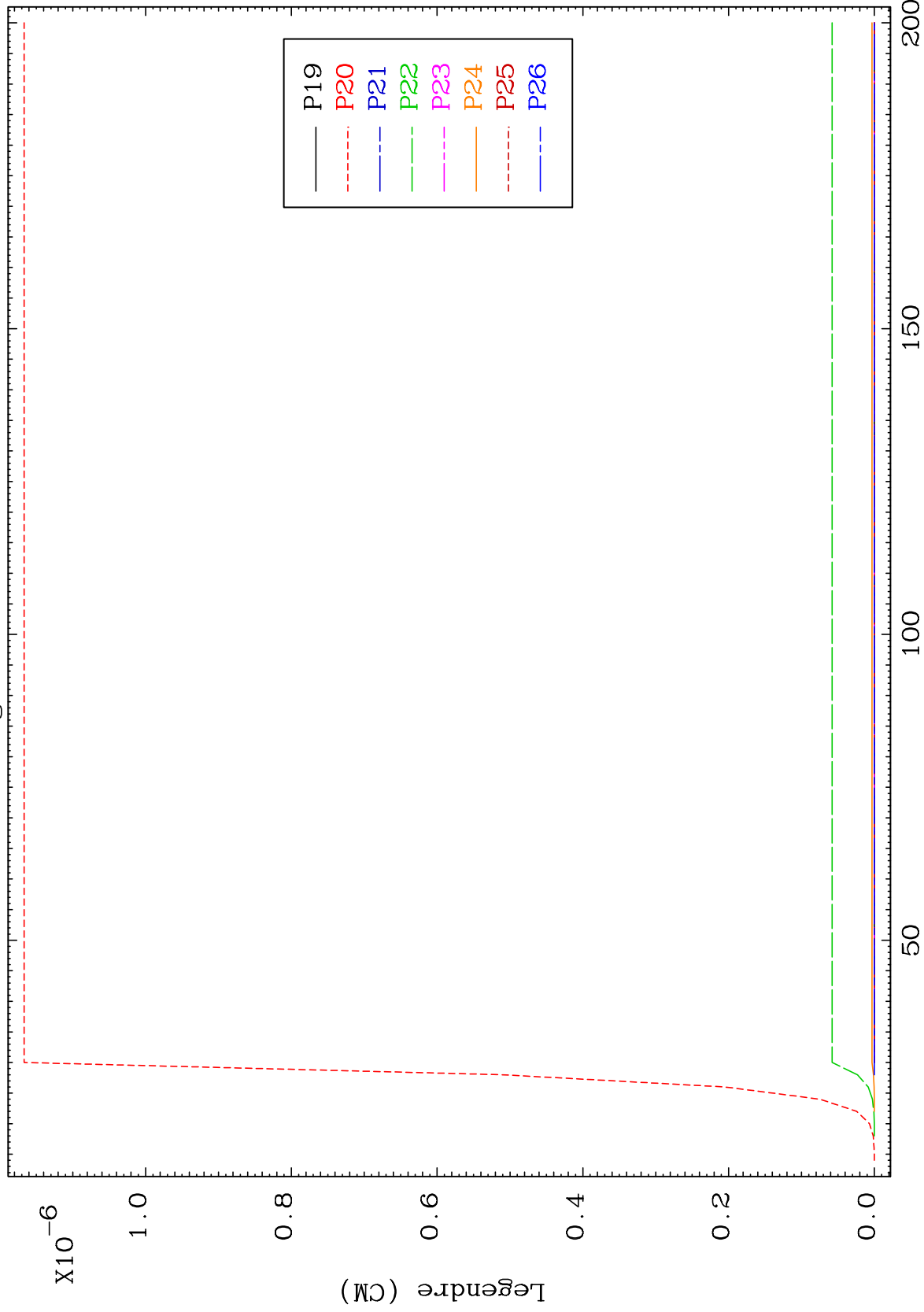
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



37

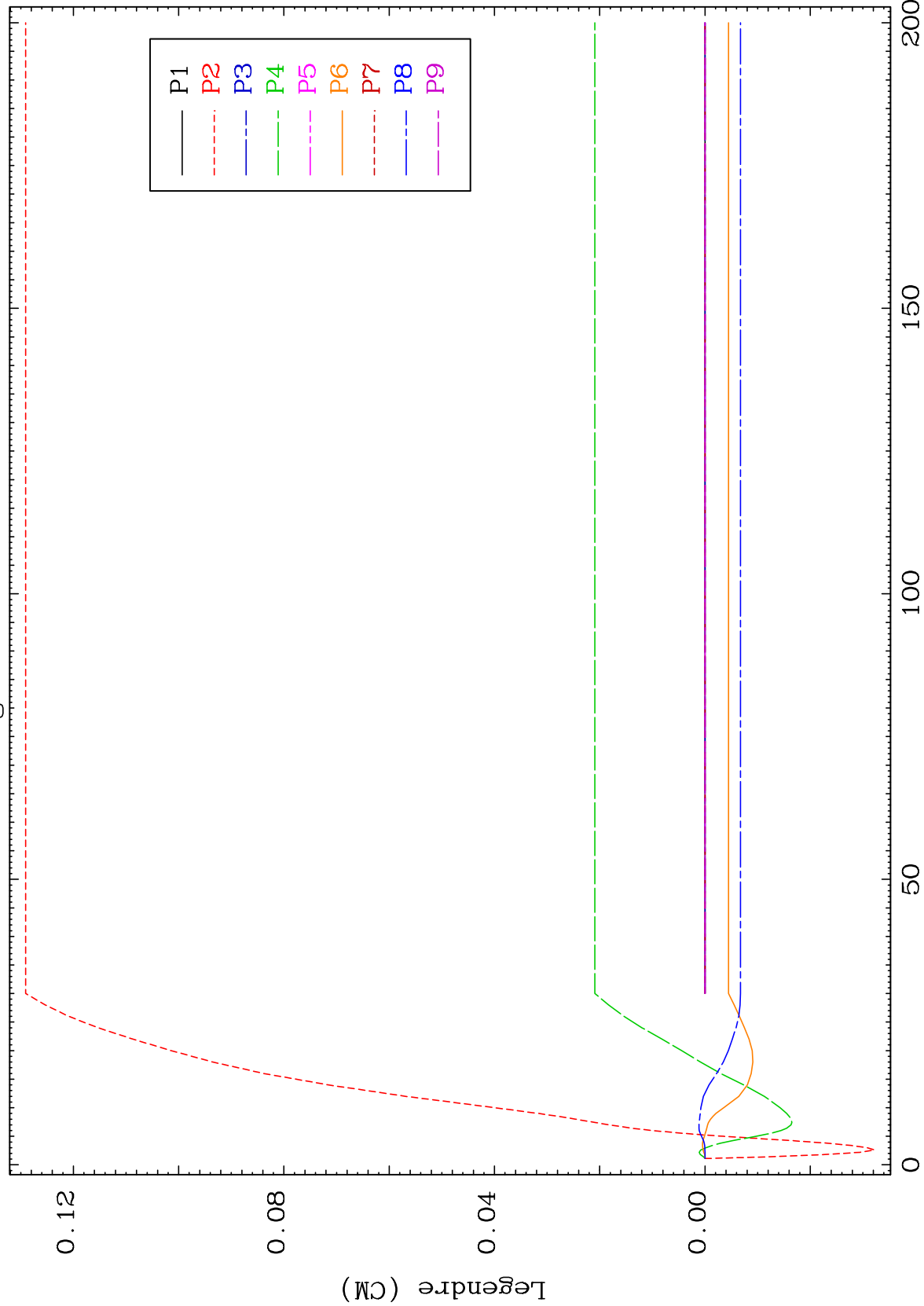
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



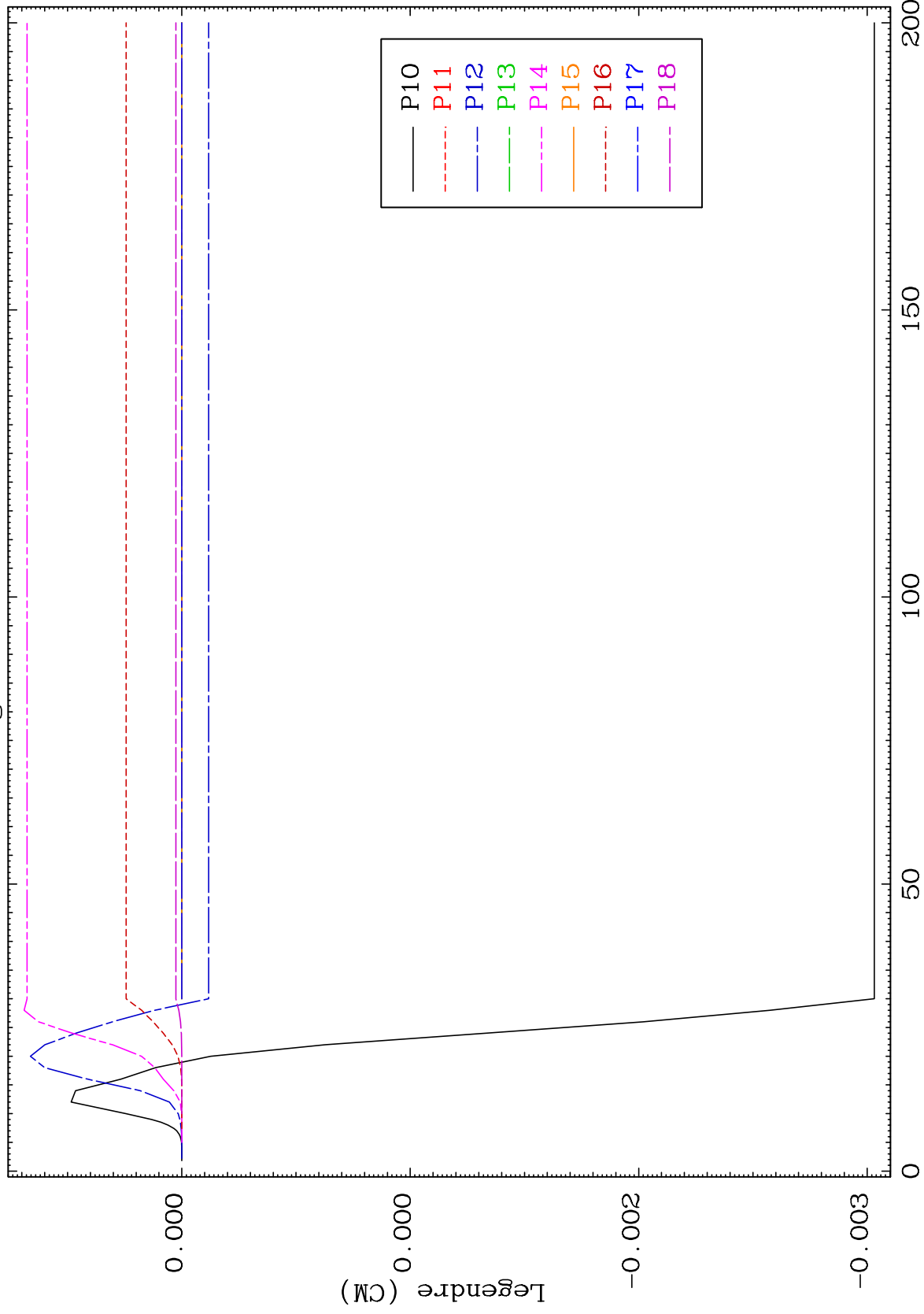
38

46-Pd-112

MAT 4655

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

46-Pd-112



39

Incident Energy (MeV)

46-Pd-112





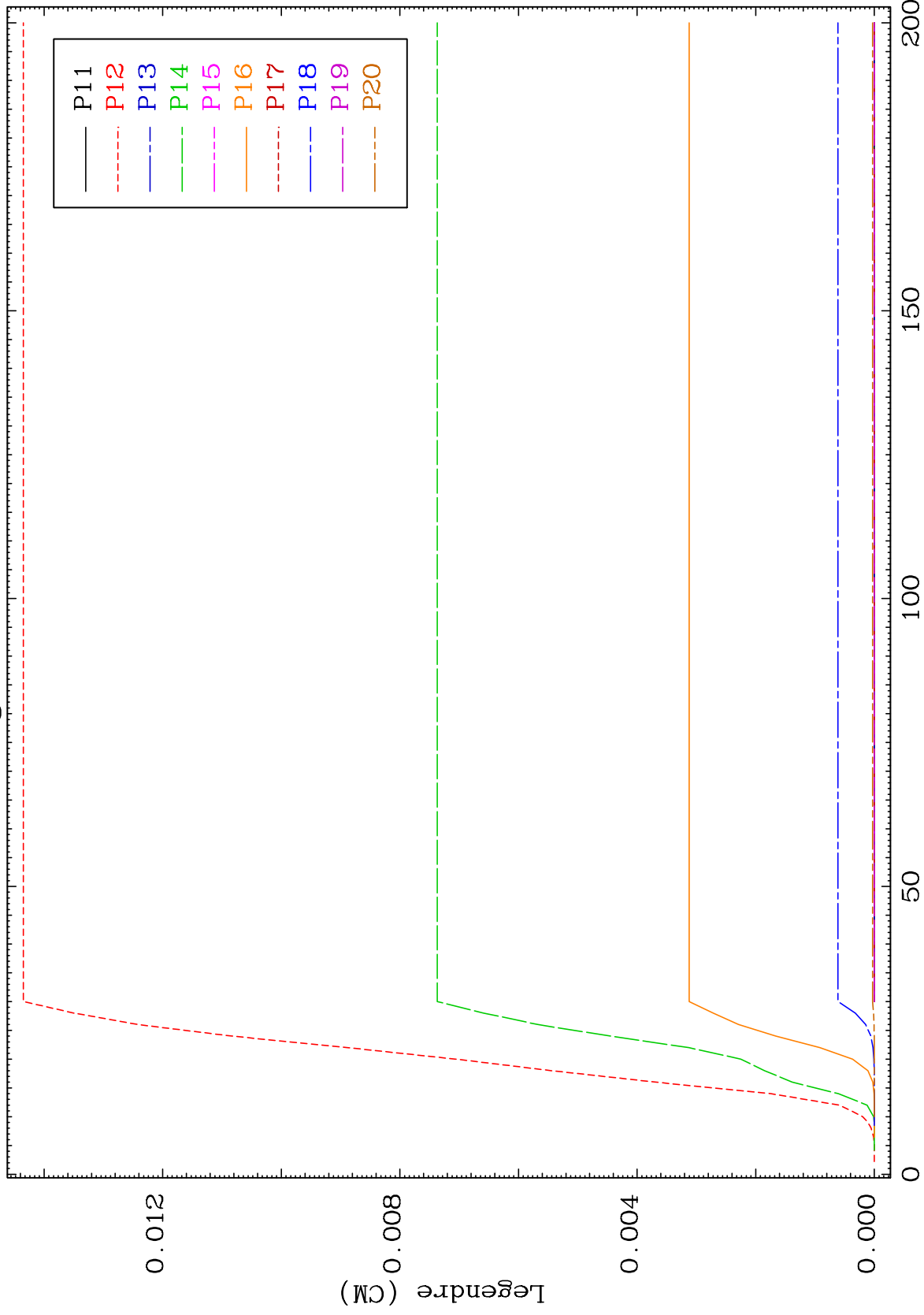


MAT 4655

MT= 57 (n,n') Level

46-Pd-112

Legendre Coefficients

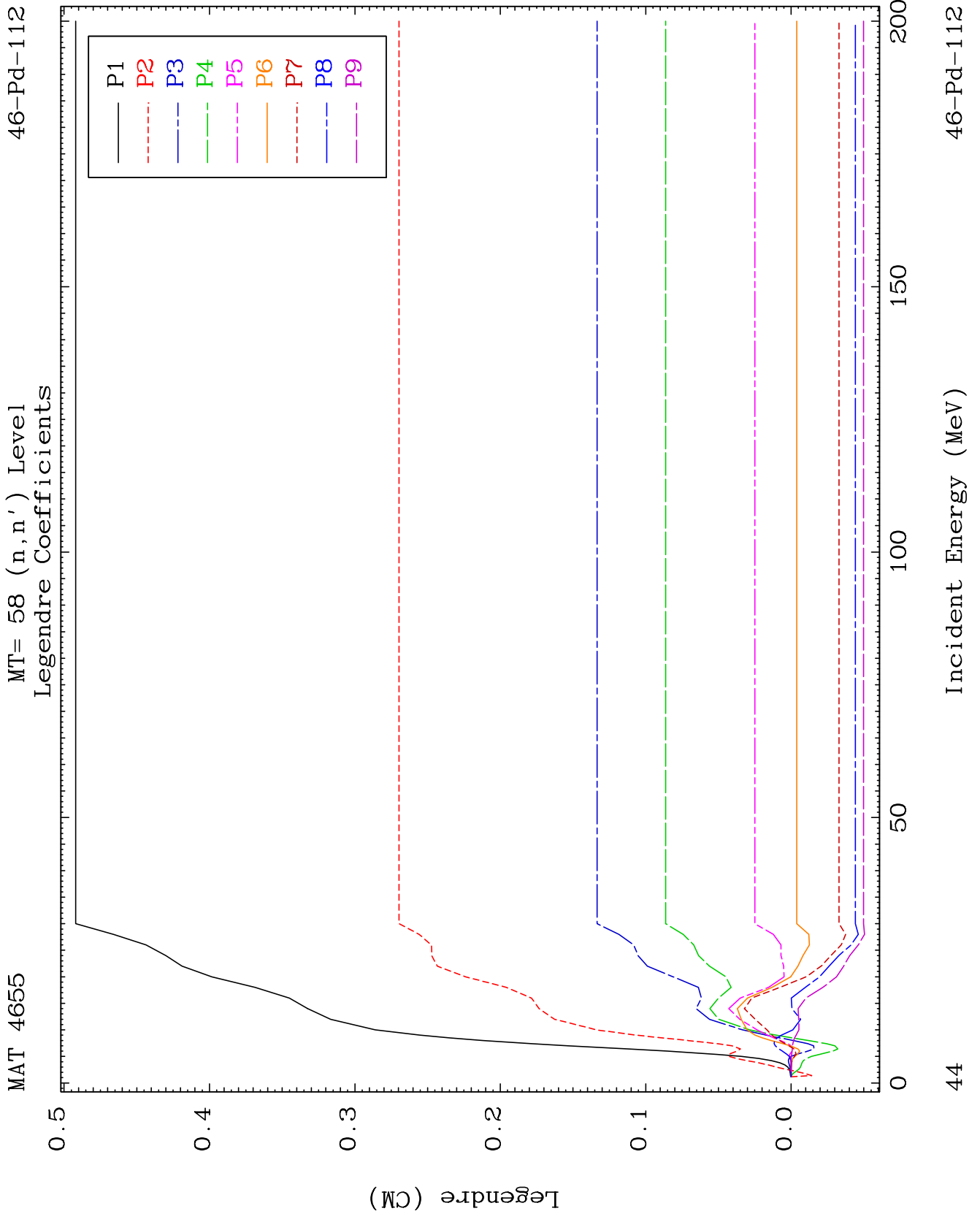


42

Incident Energy (MeV)

46-Pd-112

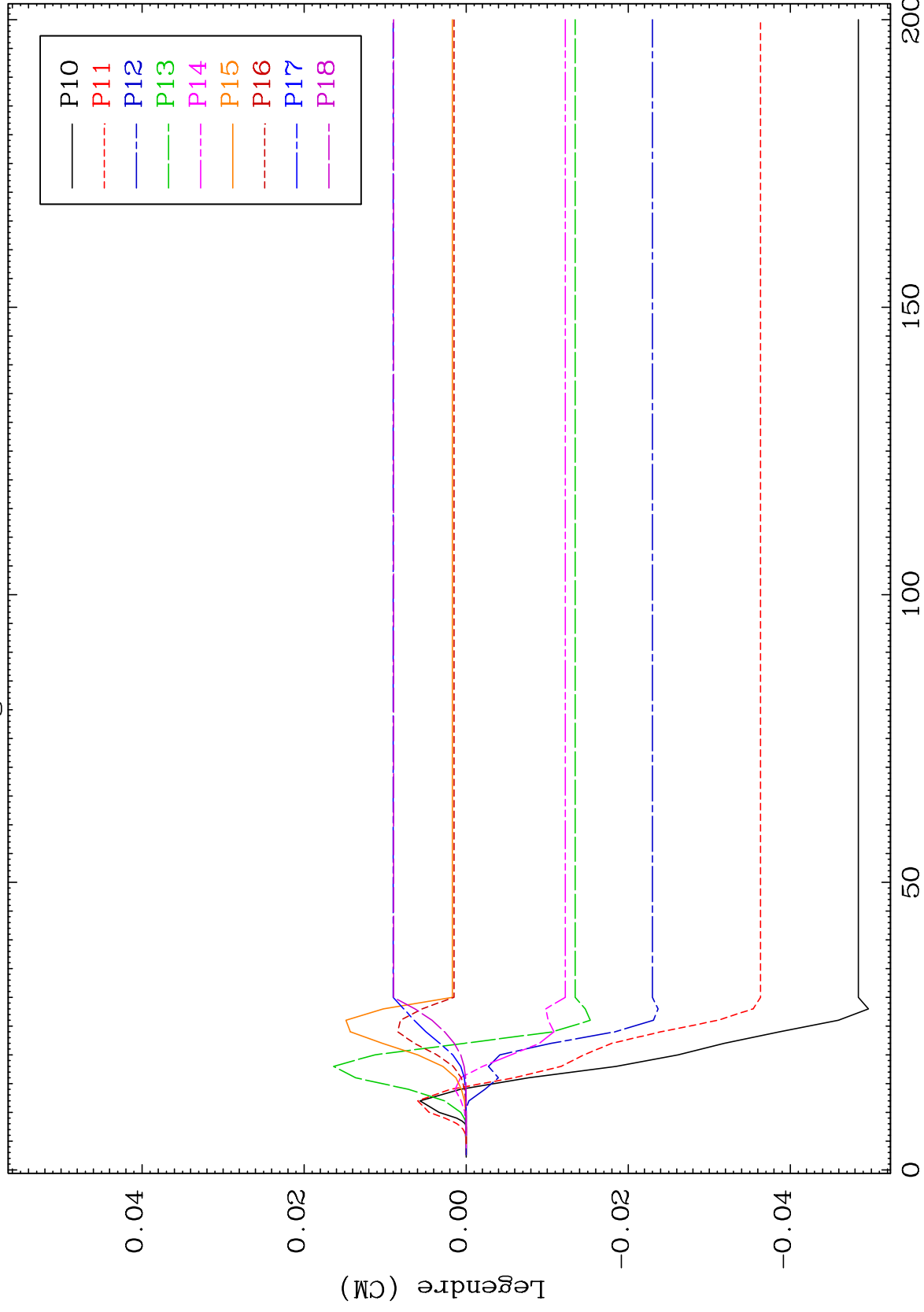




MAT 4655

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

46-Pd-112



45

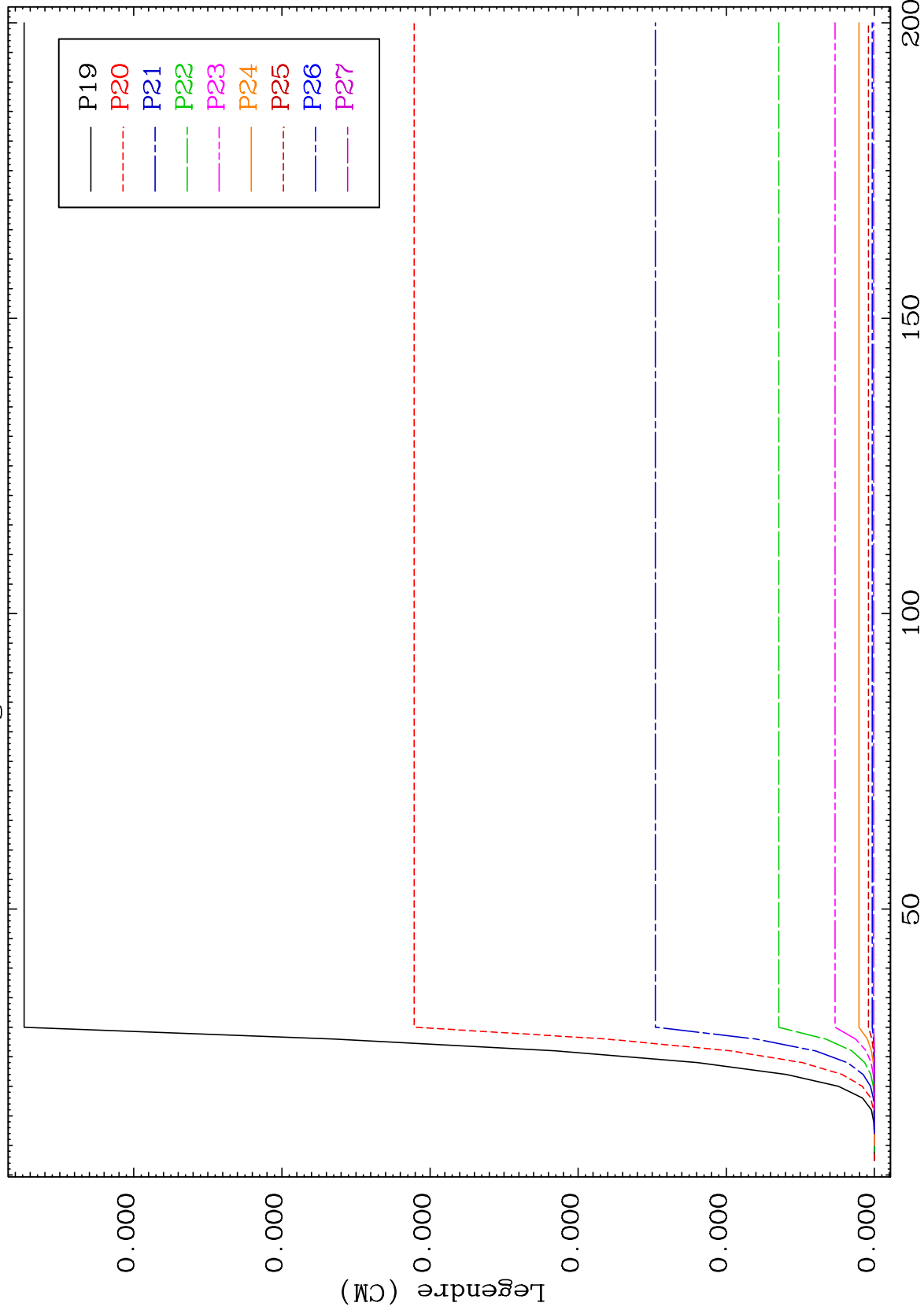
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



46

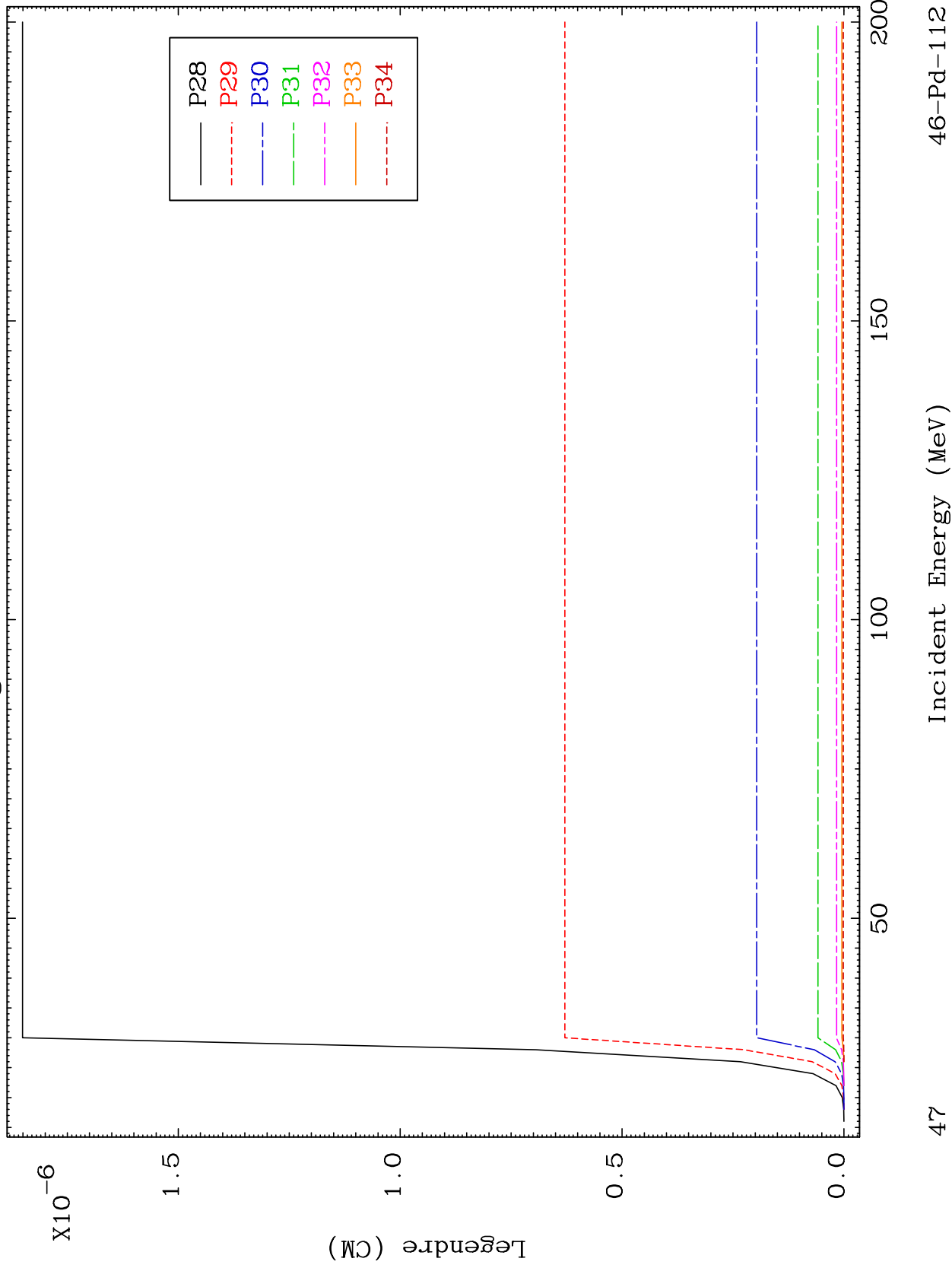
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



47

Incident Energy (MeV)

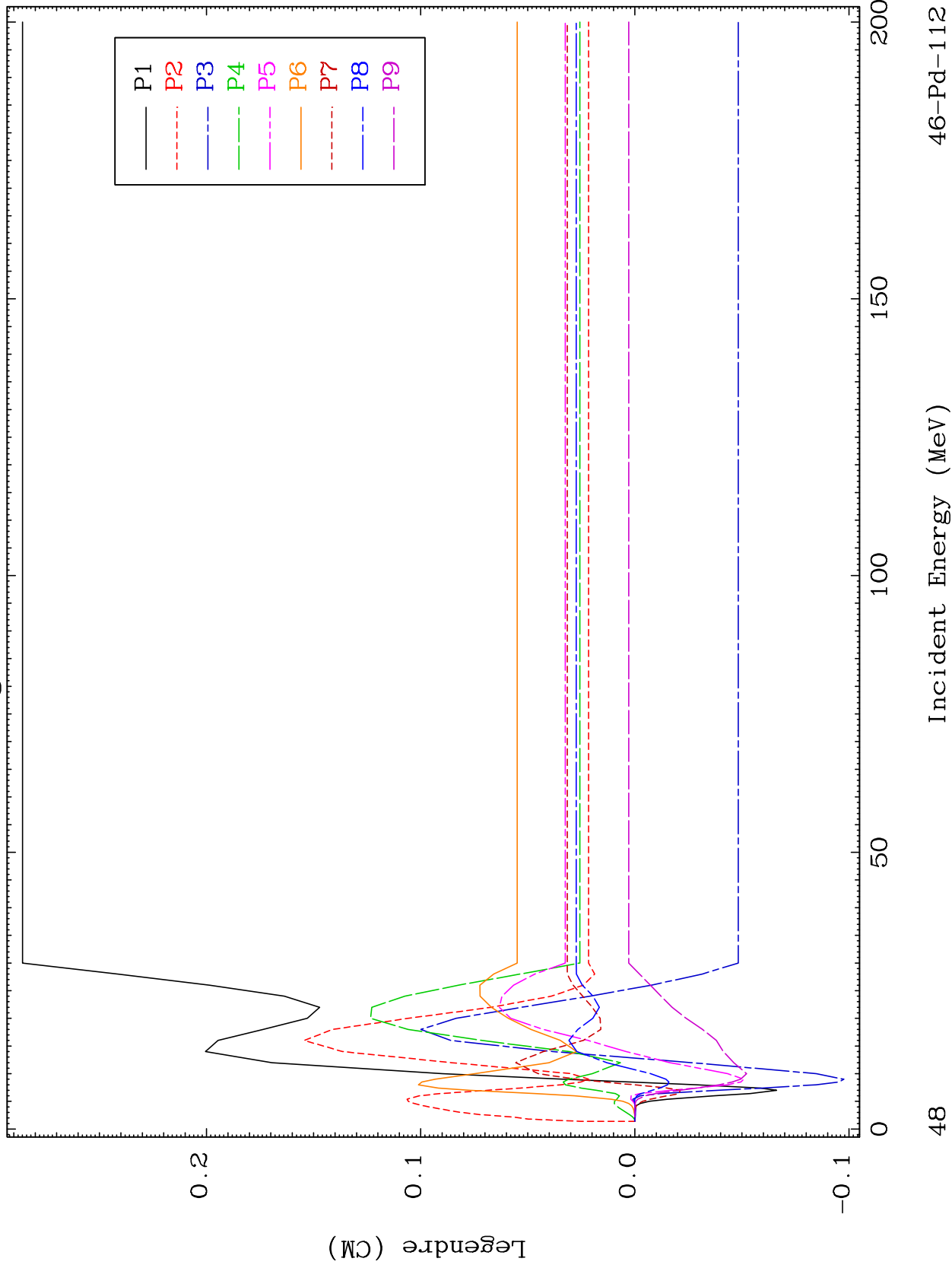
46-Pd-112



MAT 4655

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

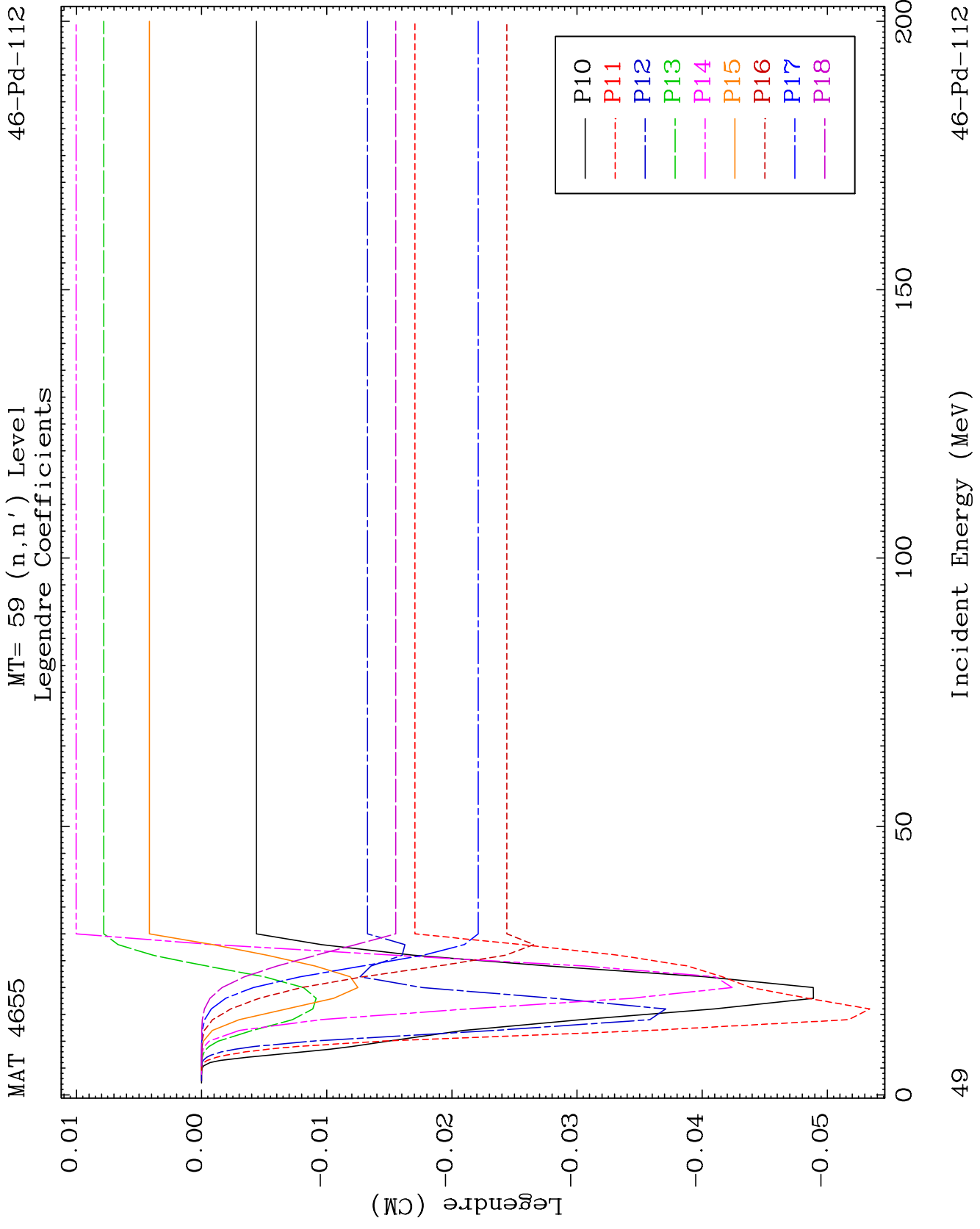
46-Pd-112

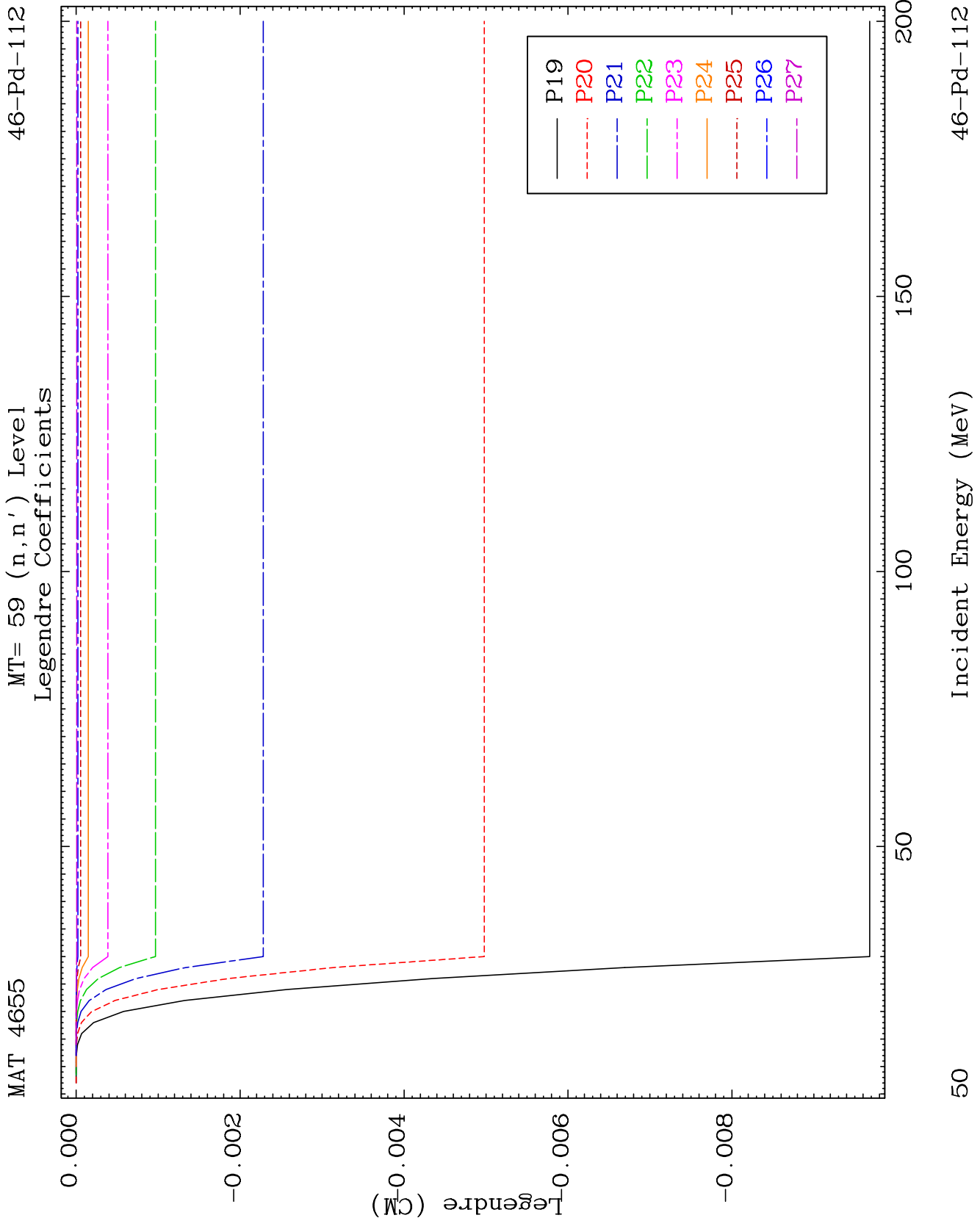


46-Pd-112

Incident Energy (MeV)

48

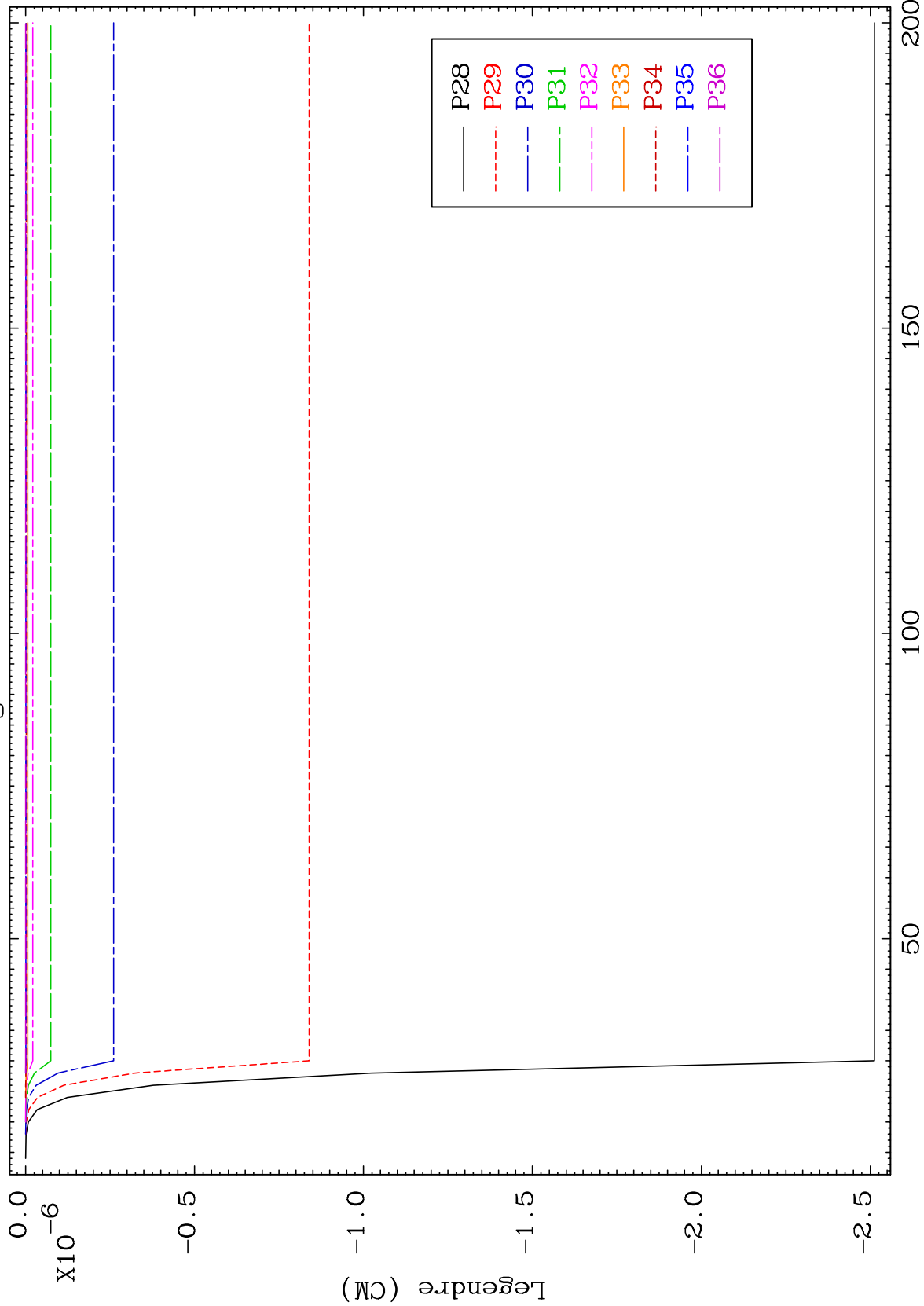




MAT 4655

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

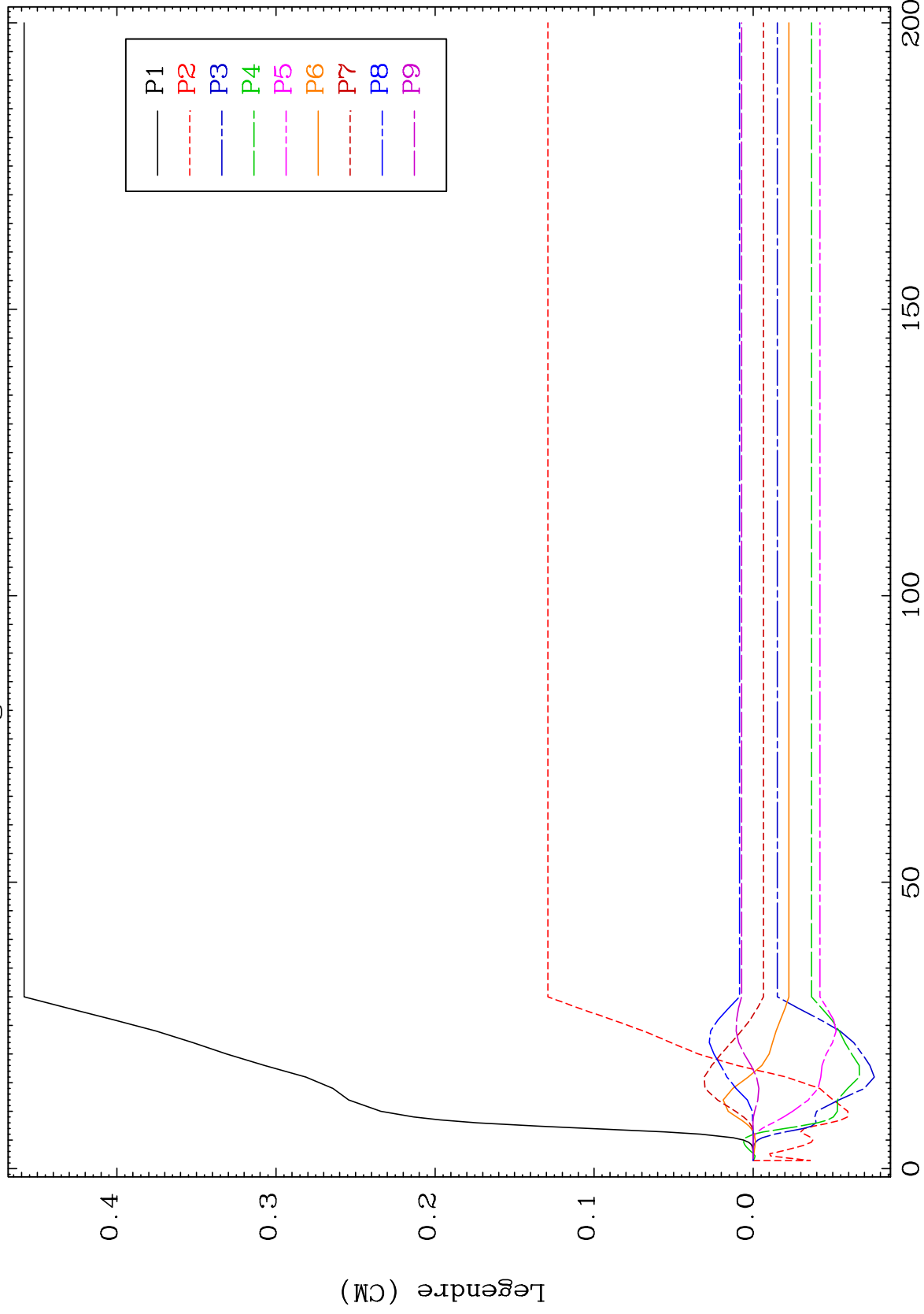
46-Pd-112



MAT 4655

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

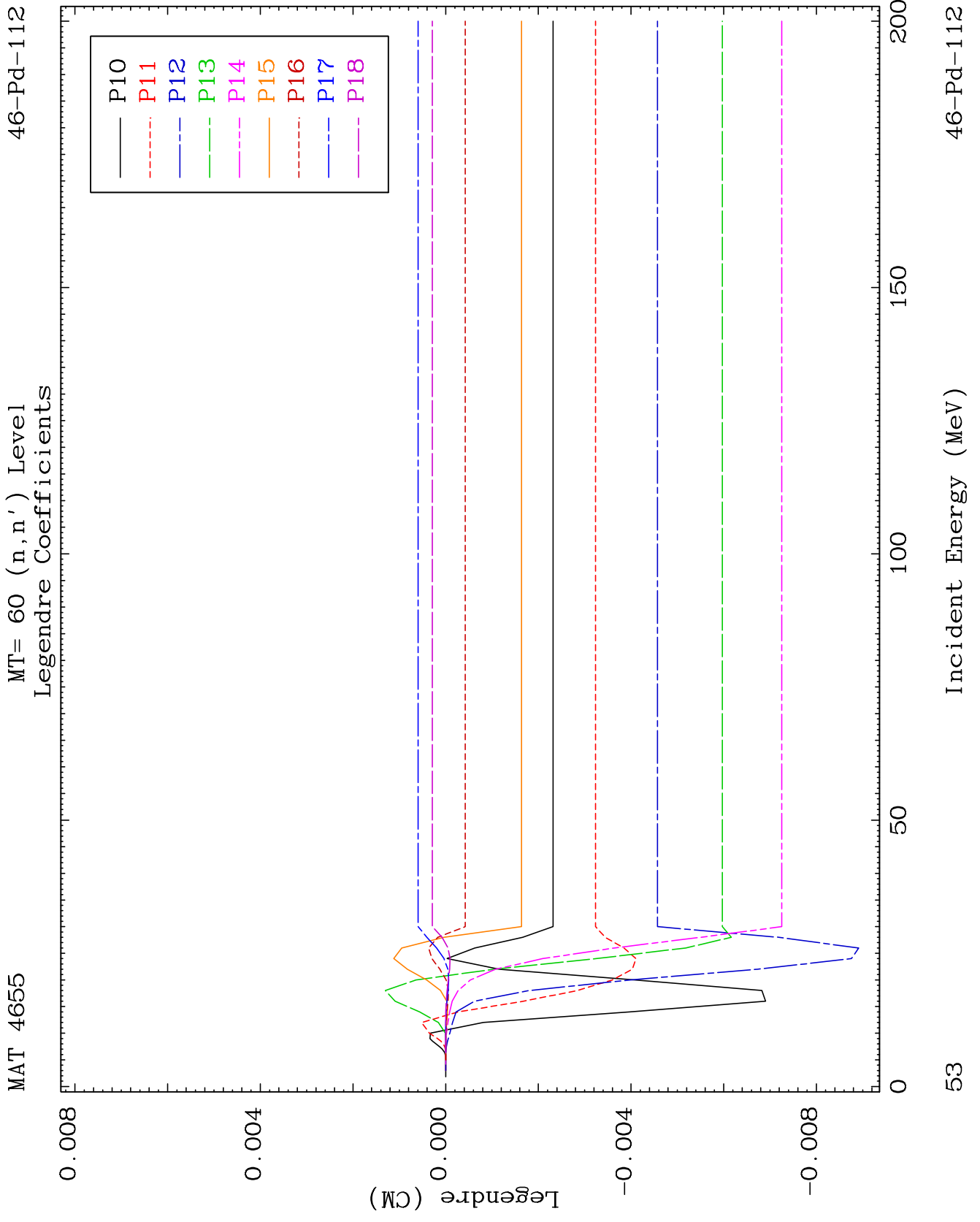
46-Pd-112



52

Incident Energy (MeV)

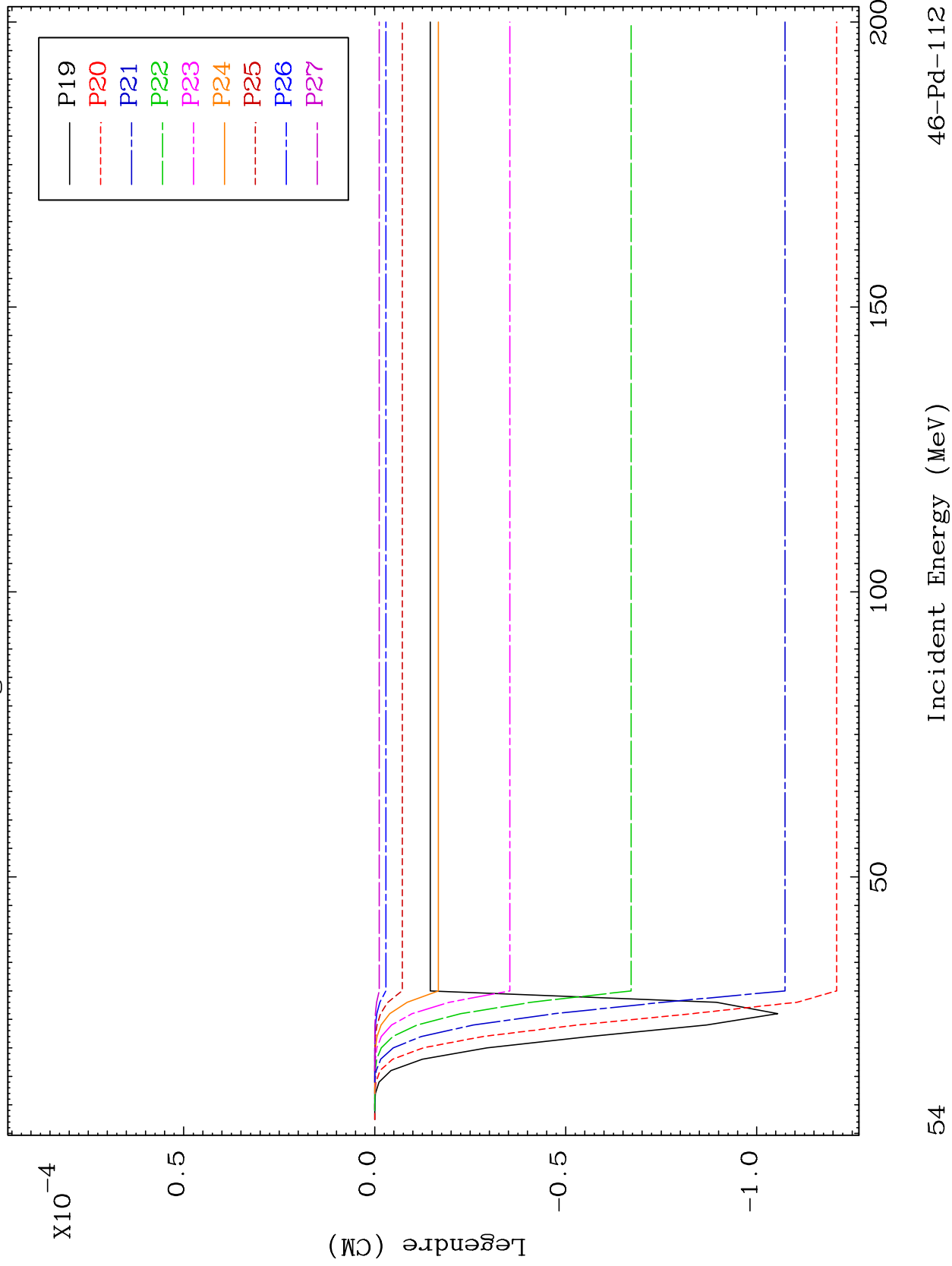
46-Pd-112



MAT 4655

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

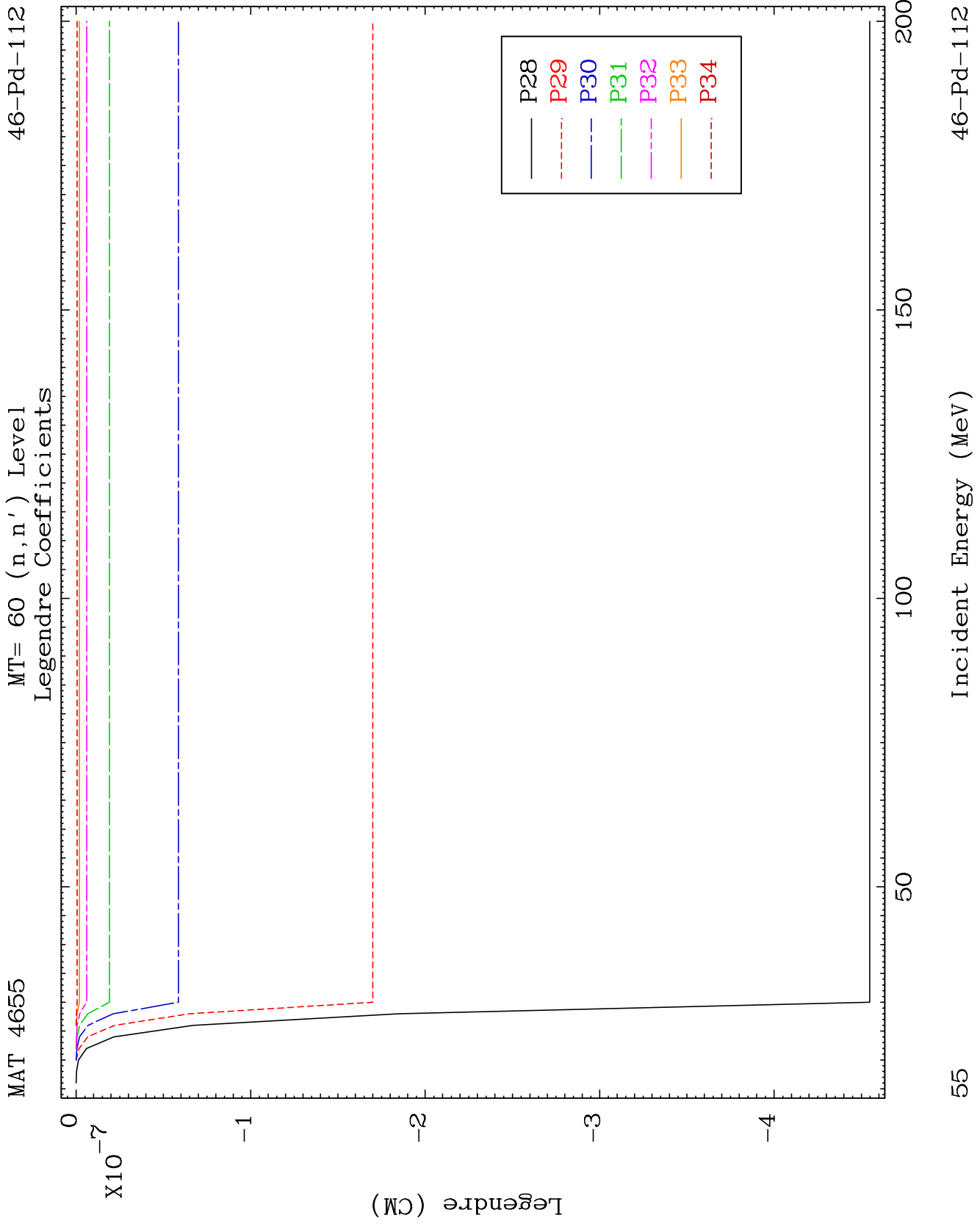
46-Pd-112



54

Incident Energy (MeV)

46-Pd-112

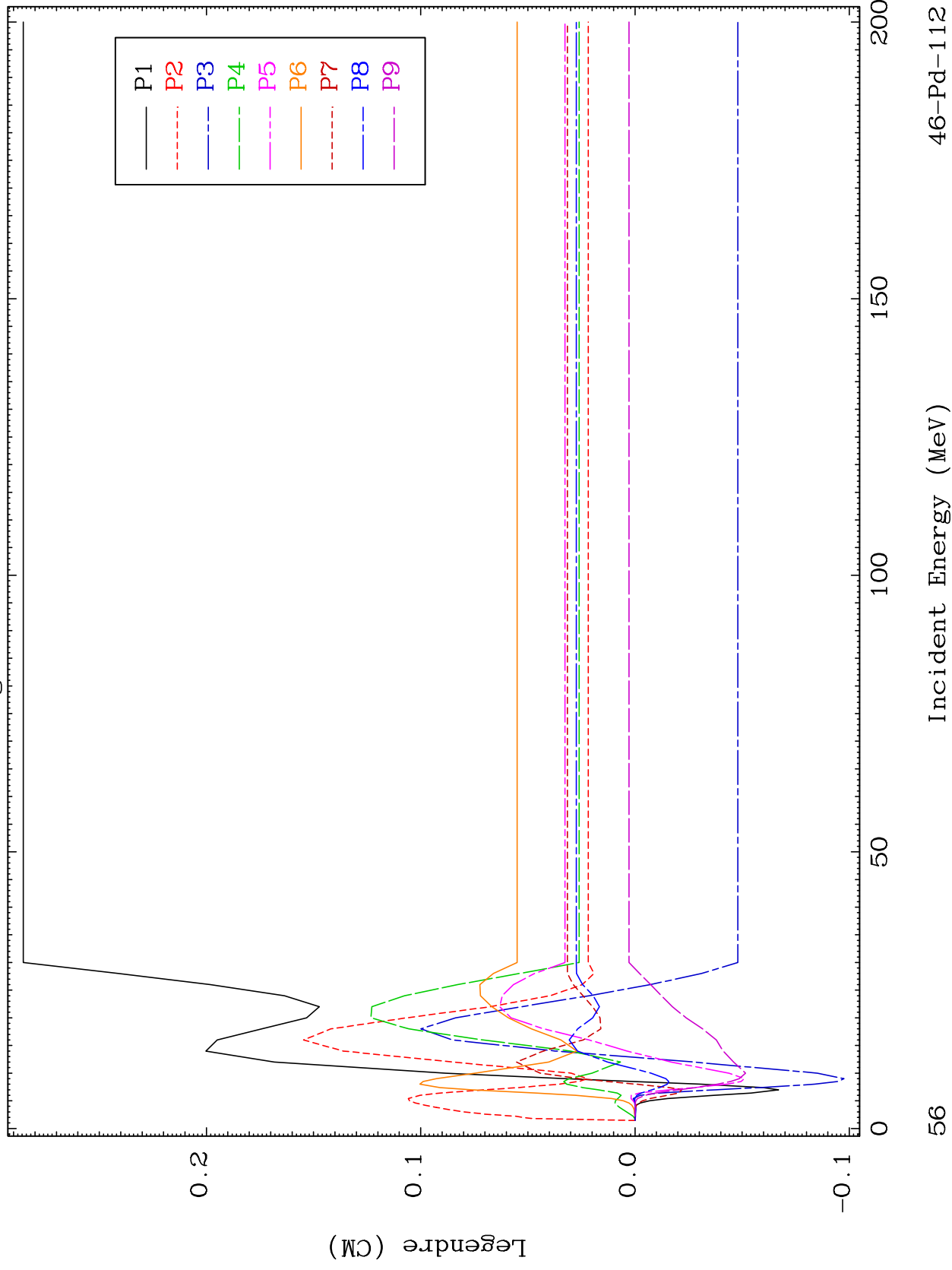




MAT 4655

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

46-Pd-112

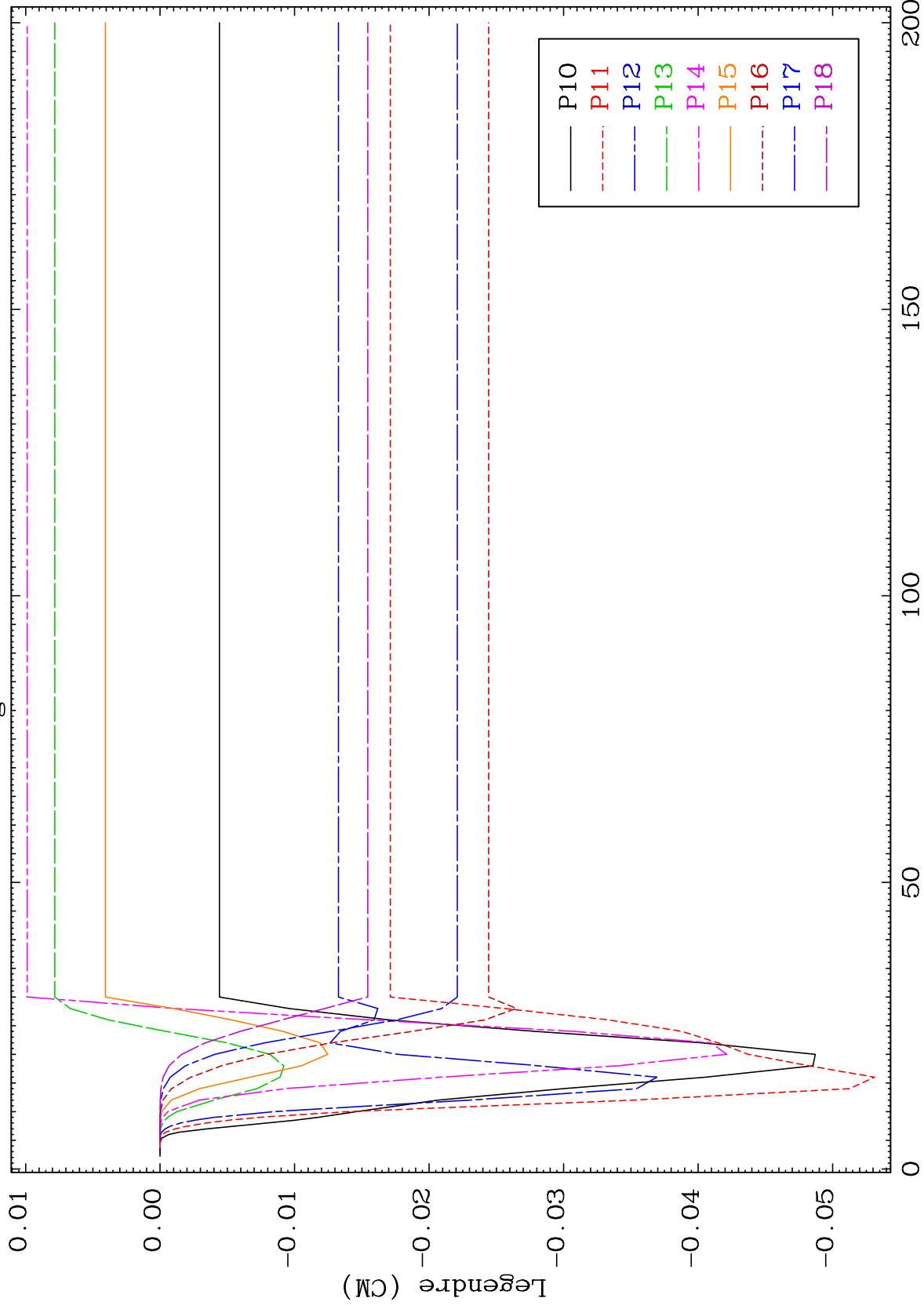


MAT 4655

MT= 61 (n,n') Level

46-Pd-112

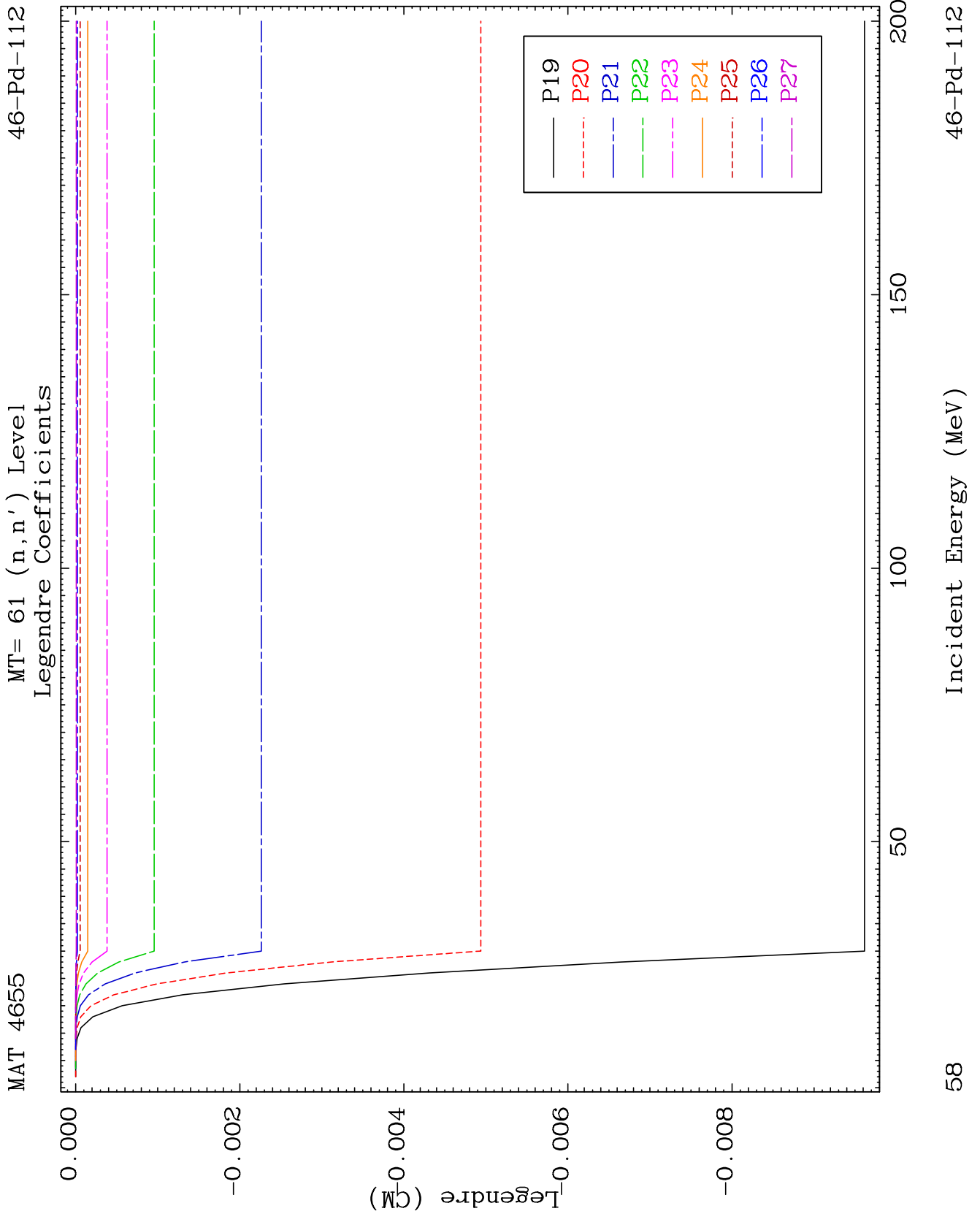
Legendre Coefficients

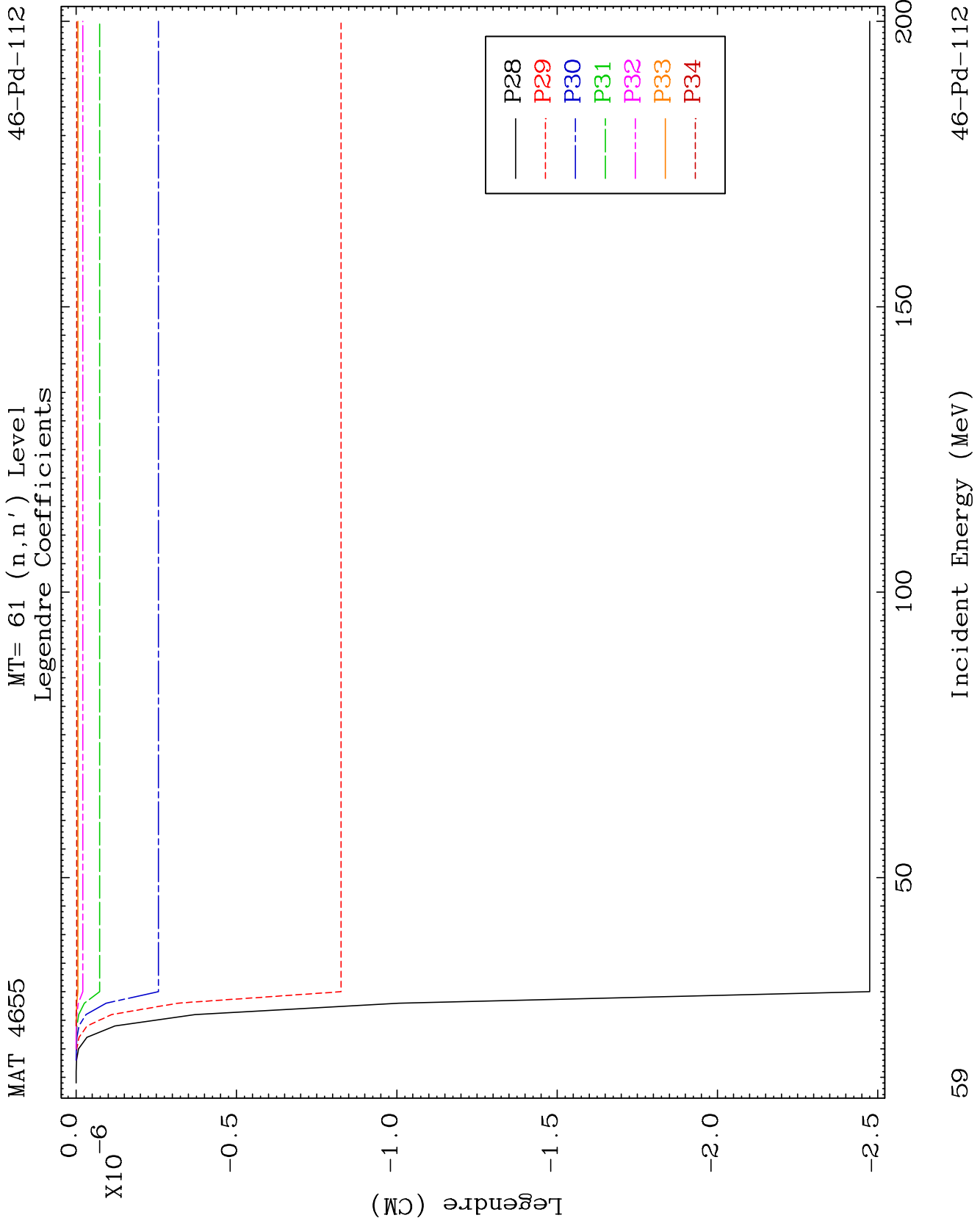


57

Incident Energy (MeV)

46-Pd-112

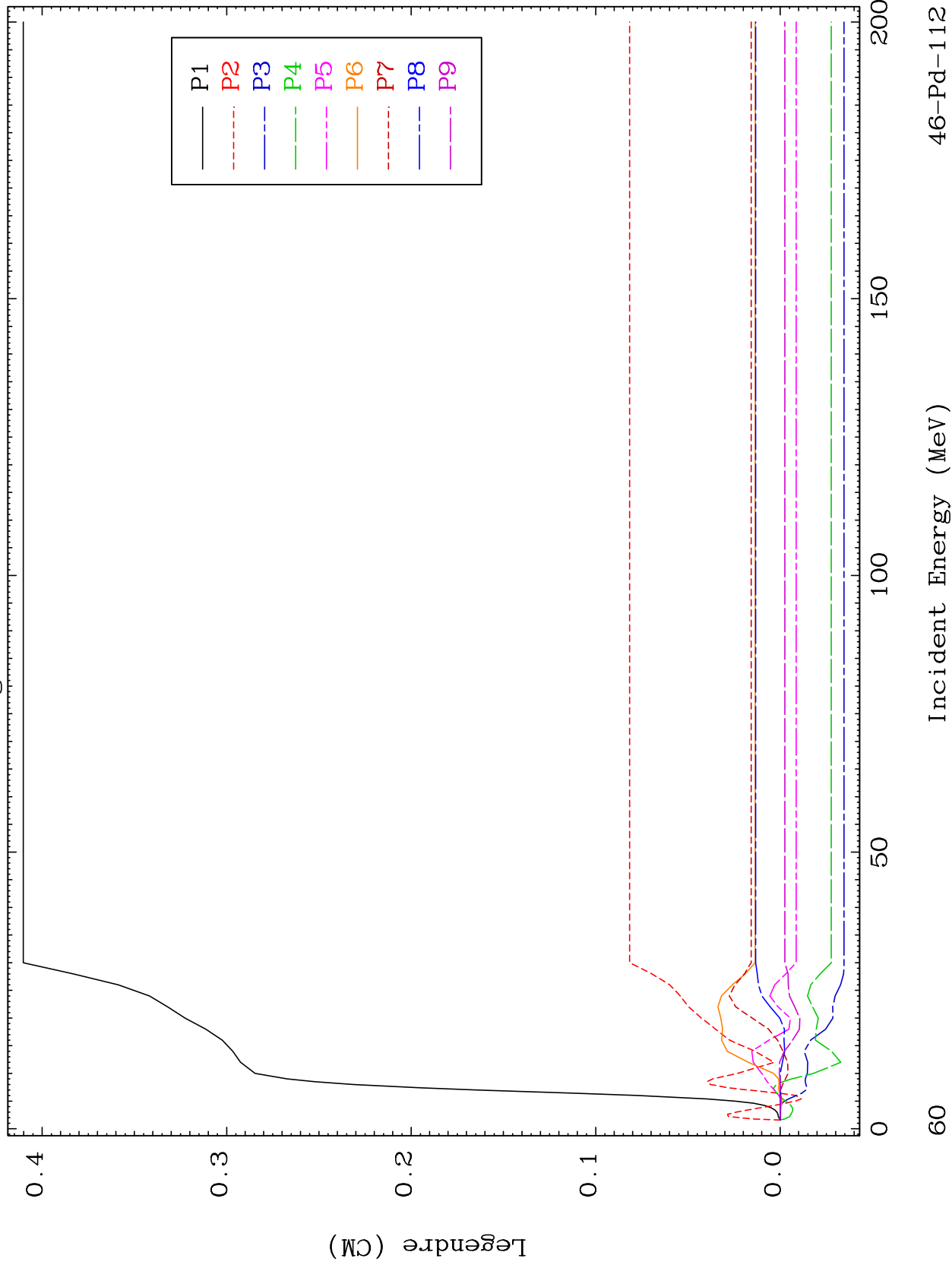




MAT 4655

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

46-Pd-112

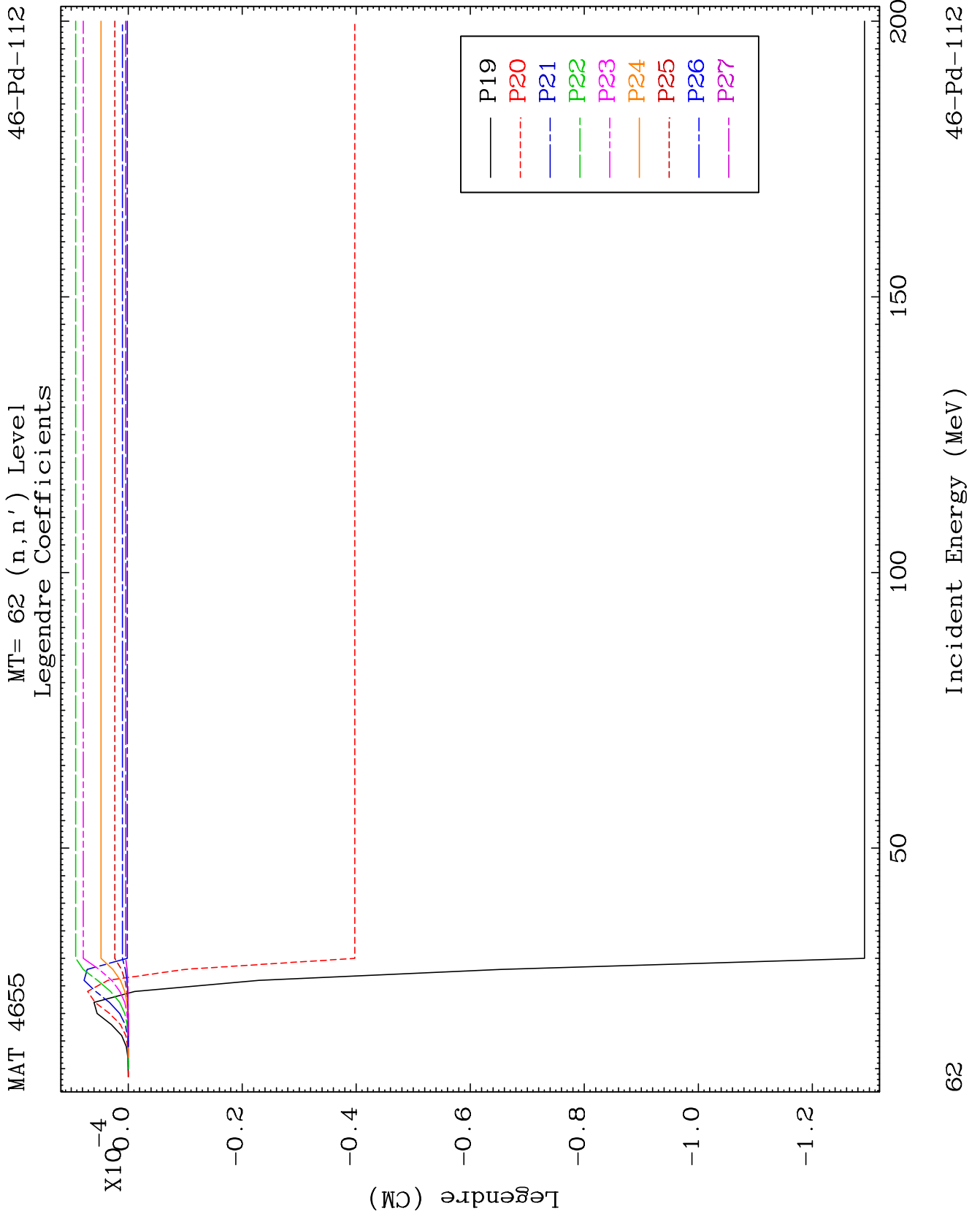


46-Pd-112

Incident Energy (MeV)

60

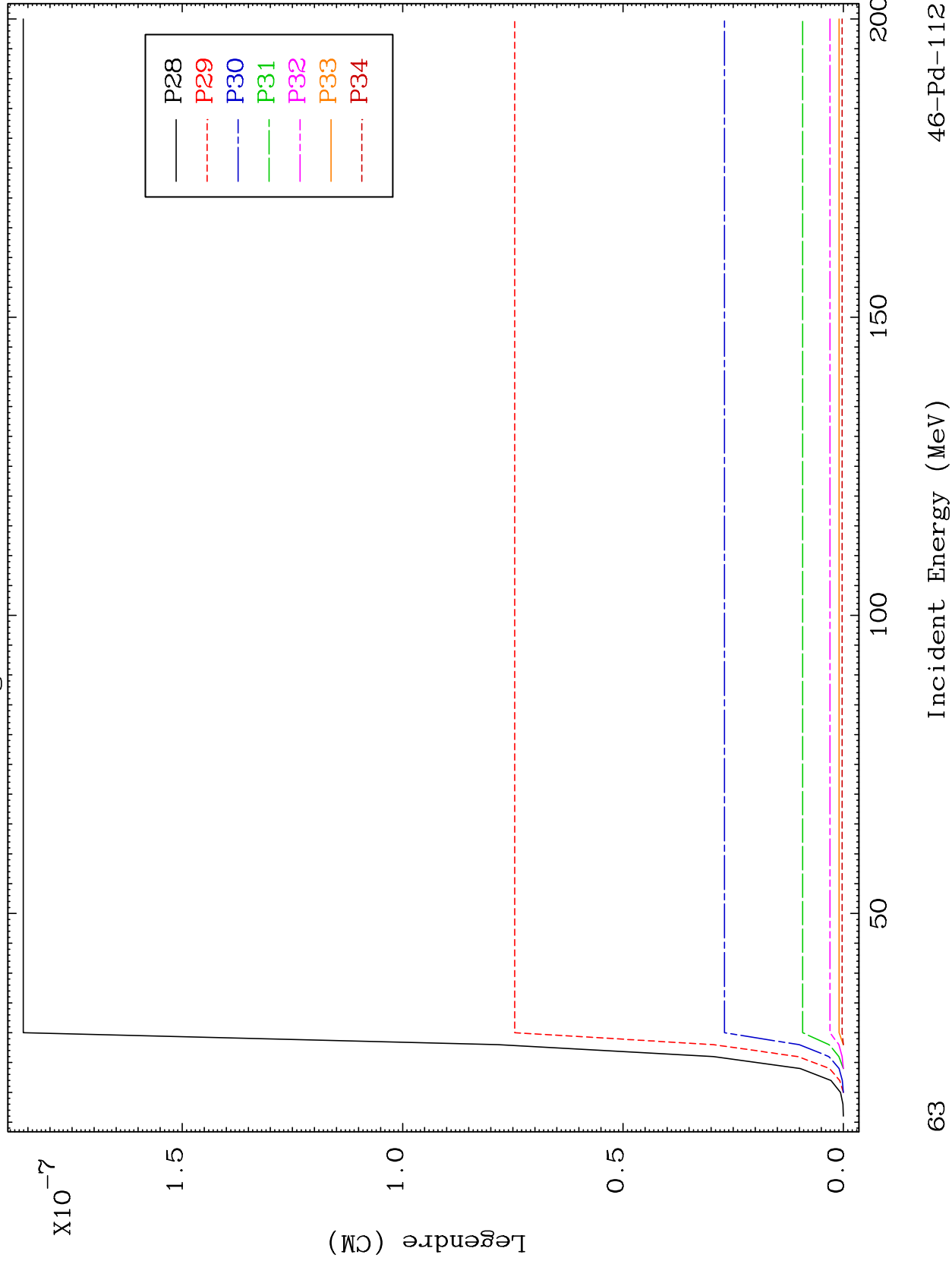




MAT 4655

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

46-Pd-112



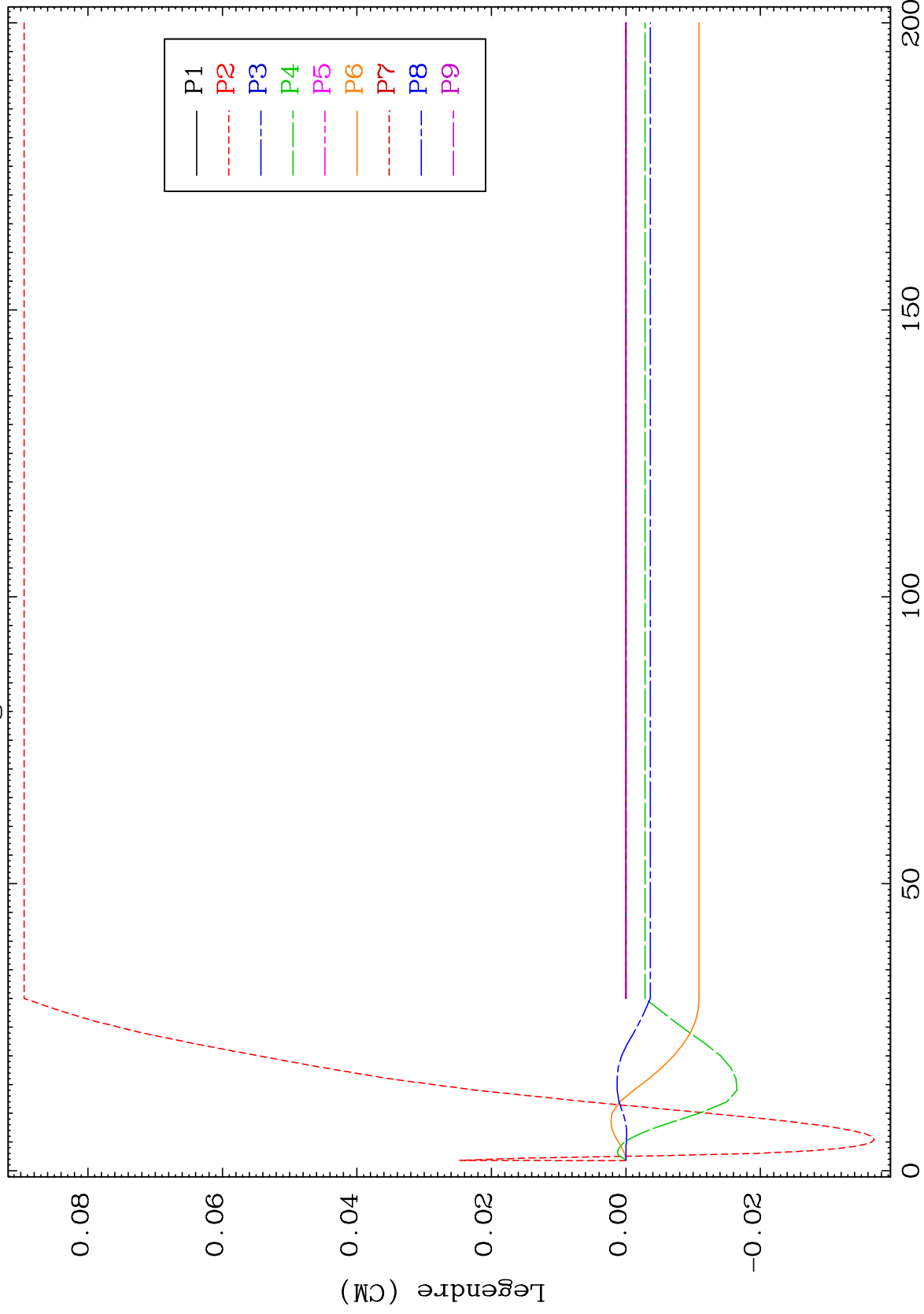
63



MAT 4655

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

46-Pd-112



64

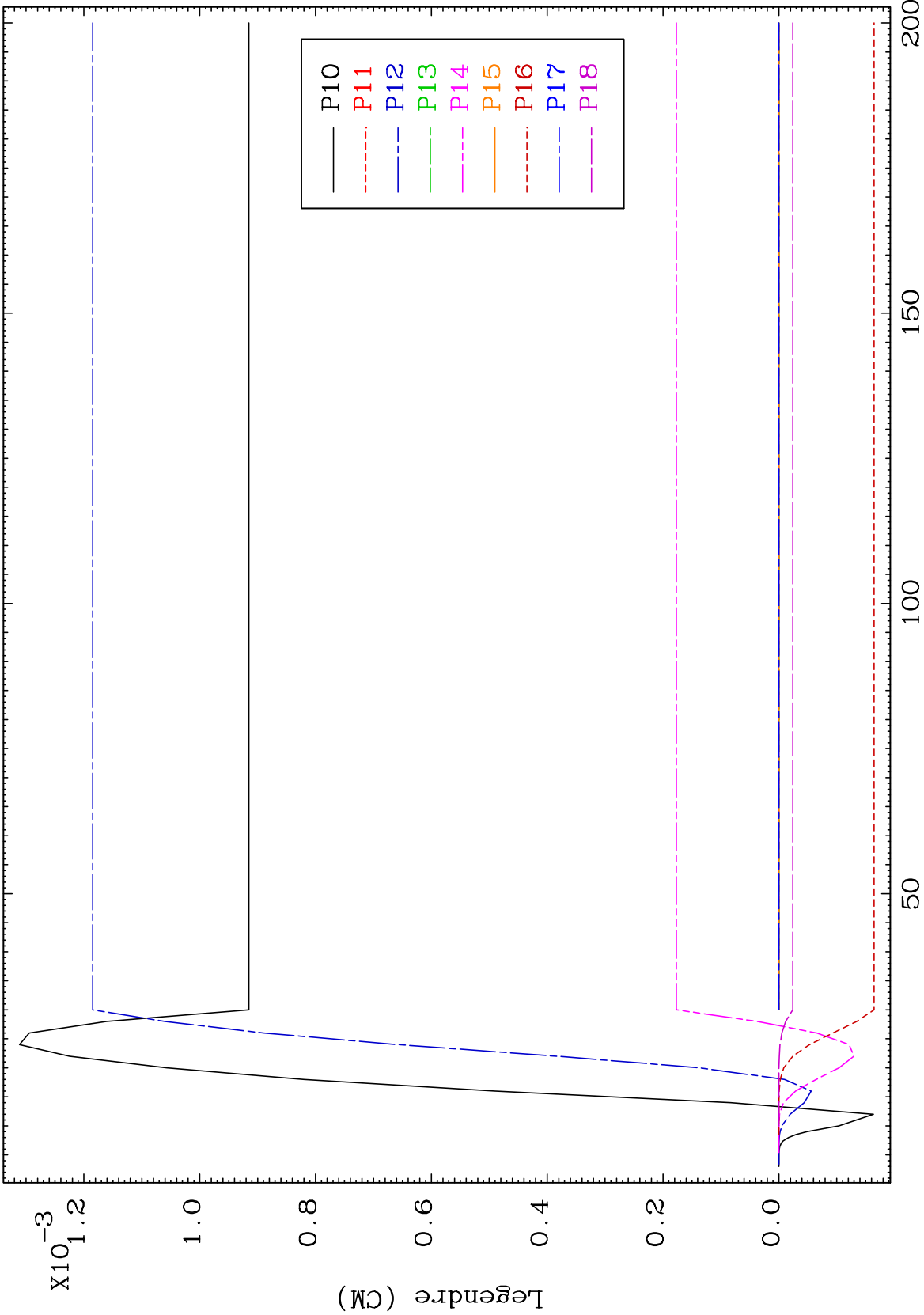
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

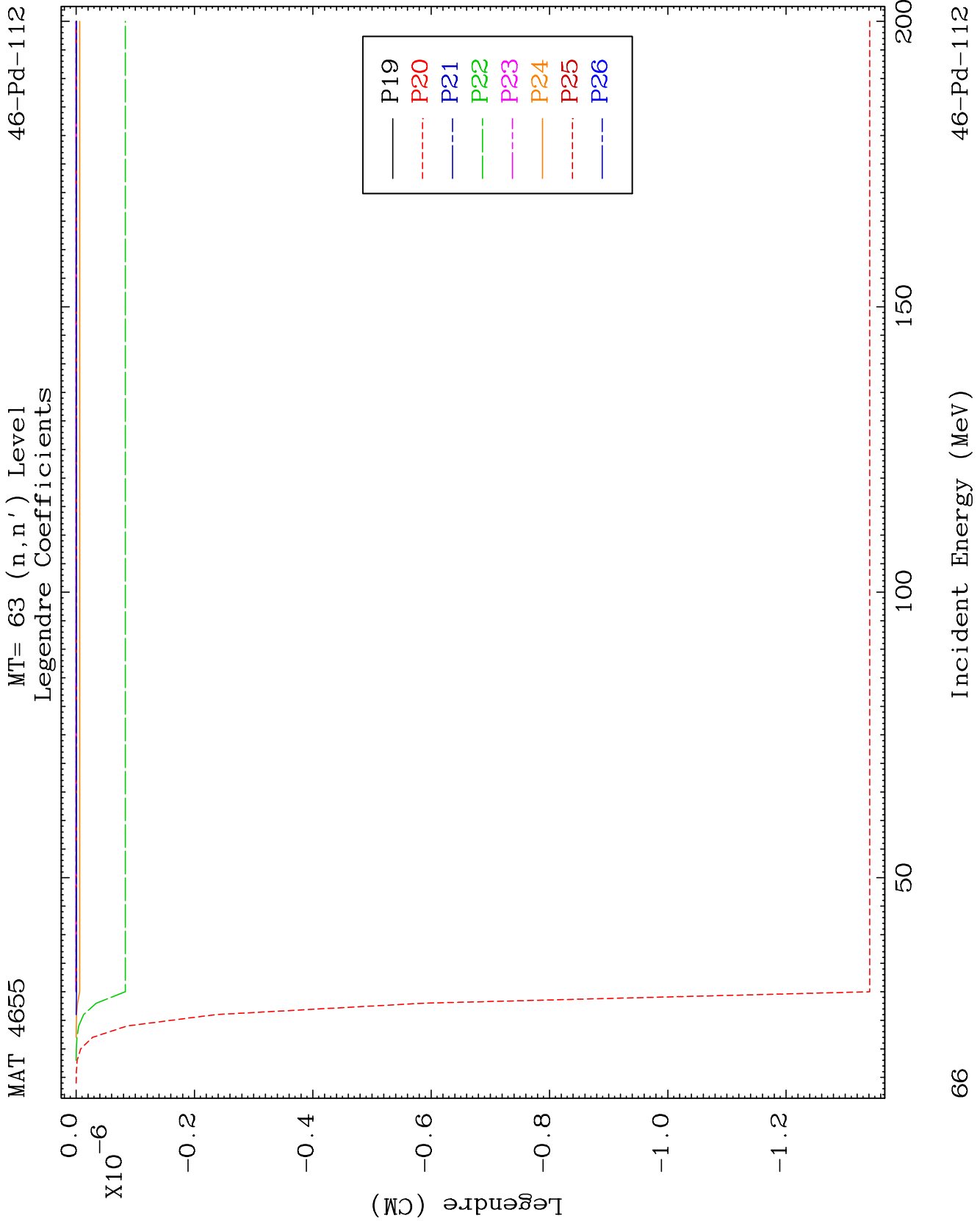
46-Pd-112



65

Incident Energy (MeV)

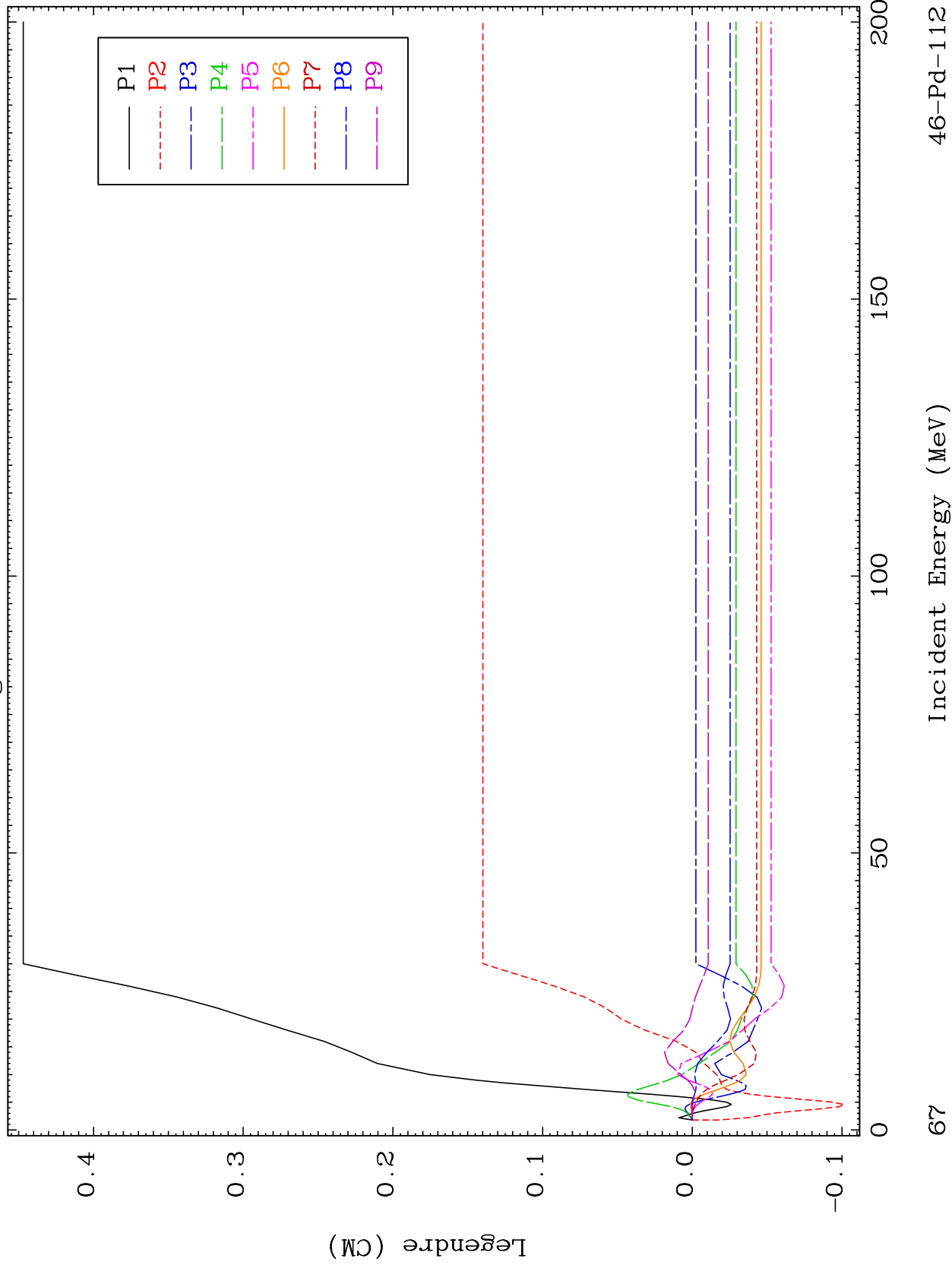
46-Pd-112



MAT 4655

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

46-Pd-112



46-Pd-112

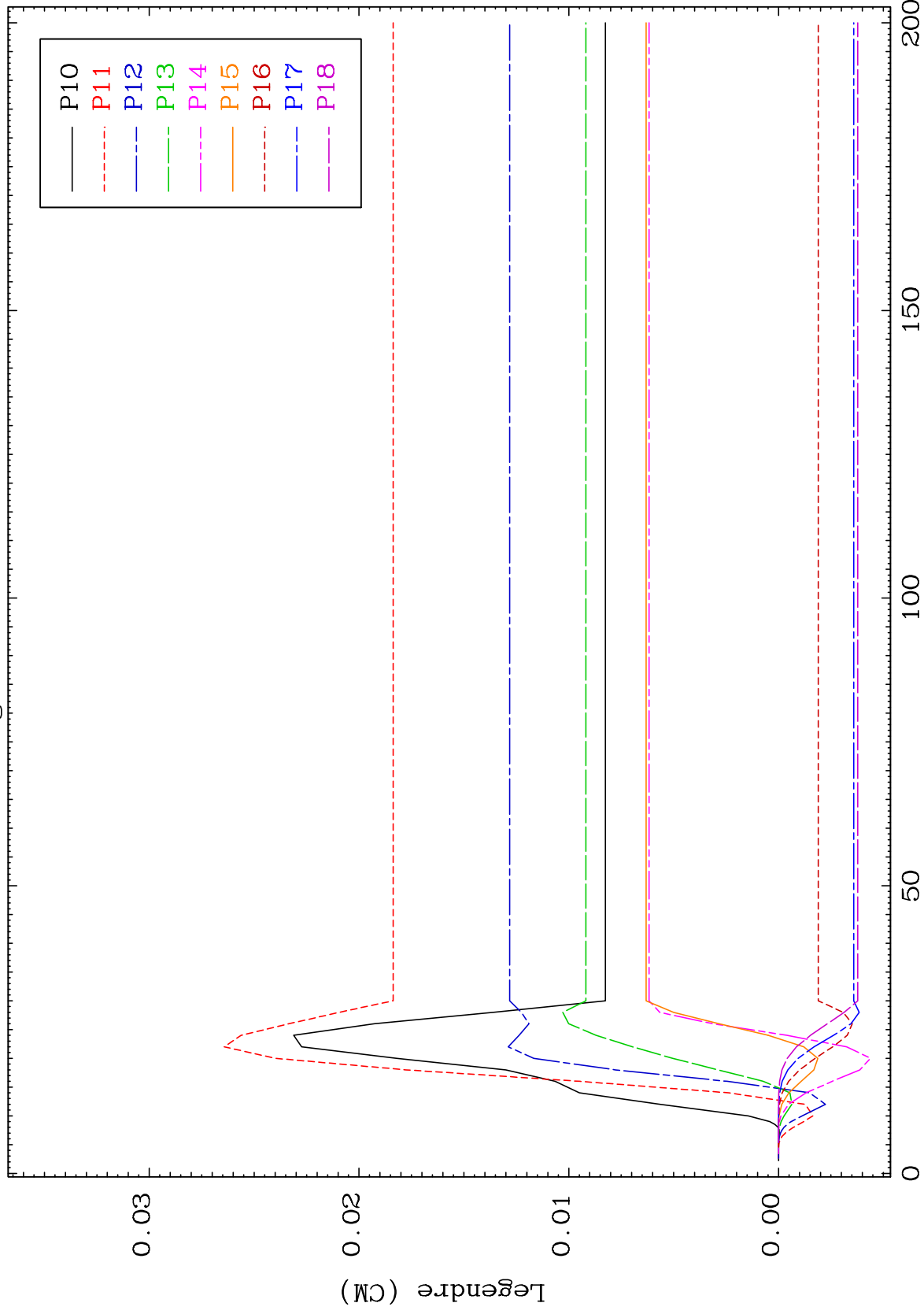
Incident Energy (MeV)

67

MAT 4655

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

46-Pd-112



68

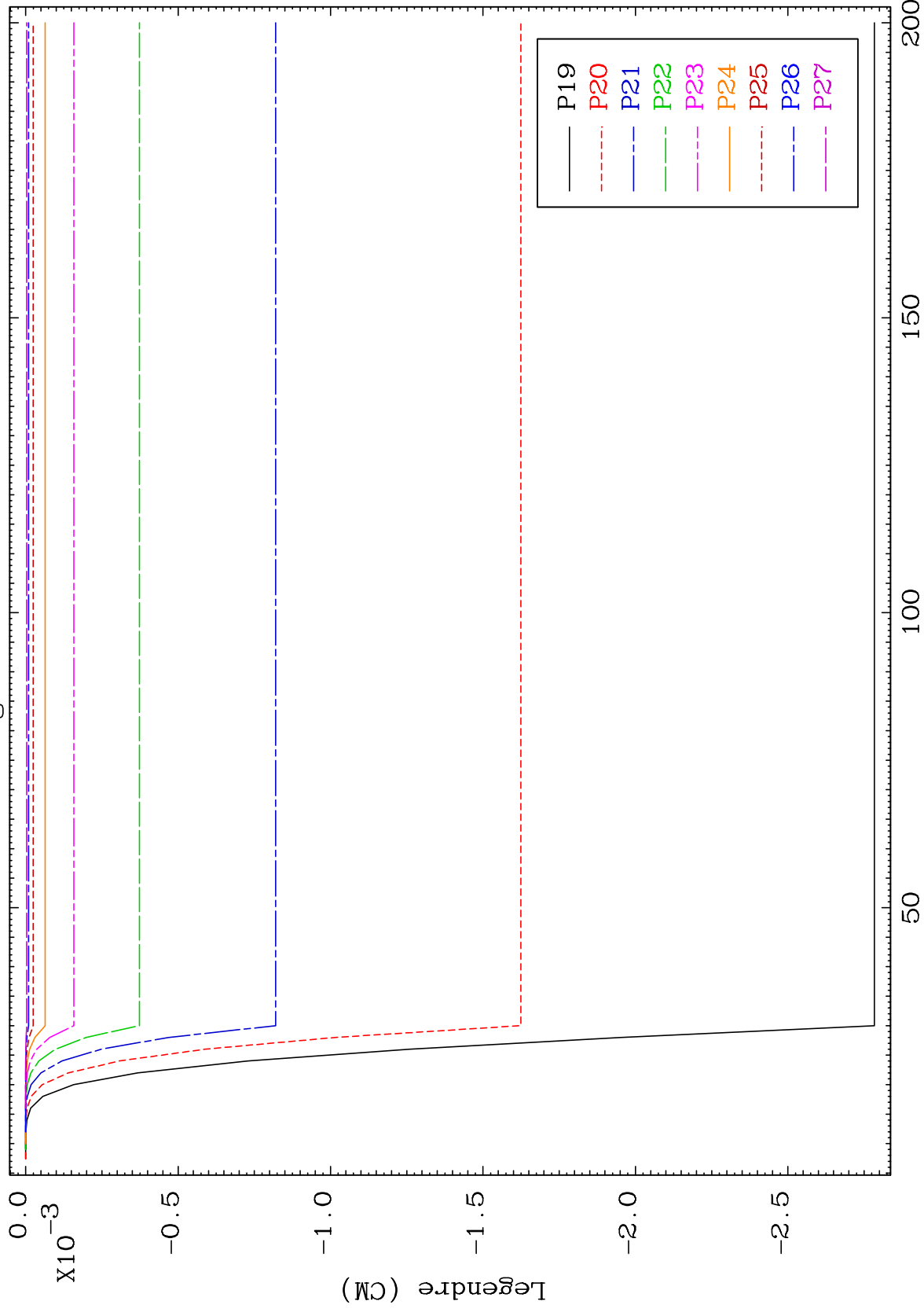
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

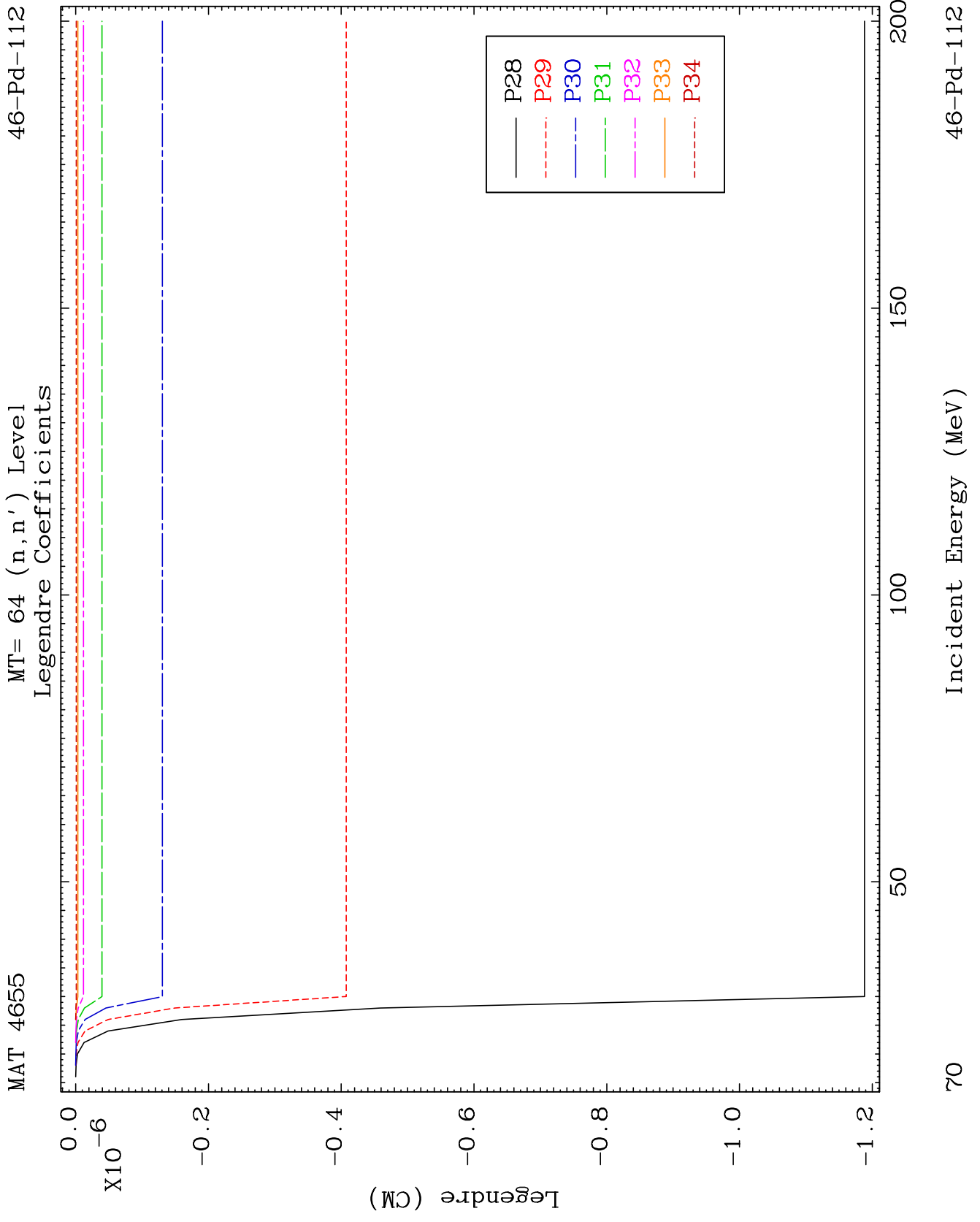
46-Pd-112



69

Incident Energy (MeV)

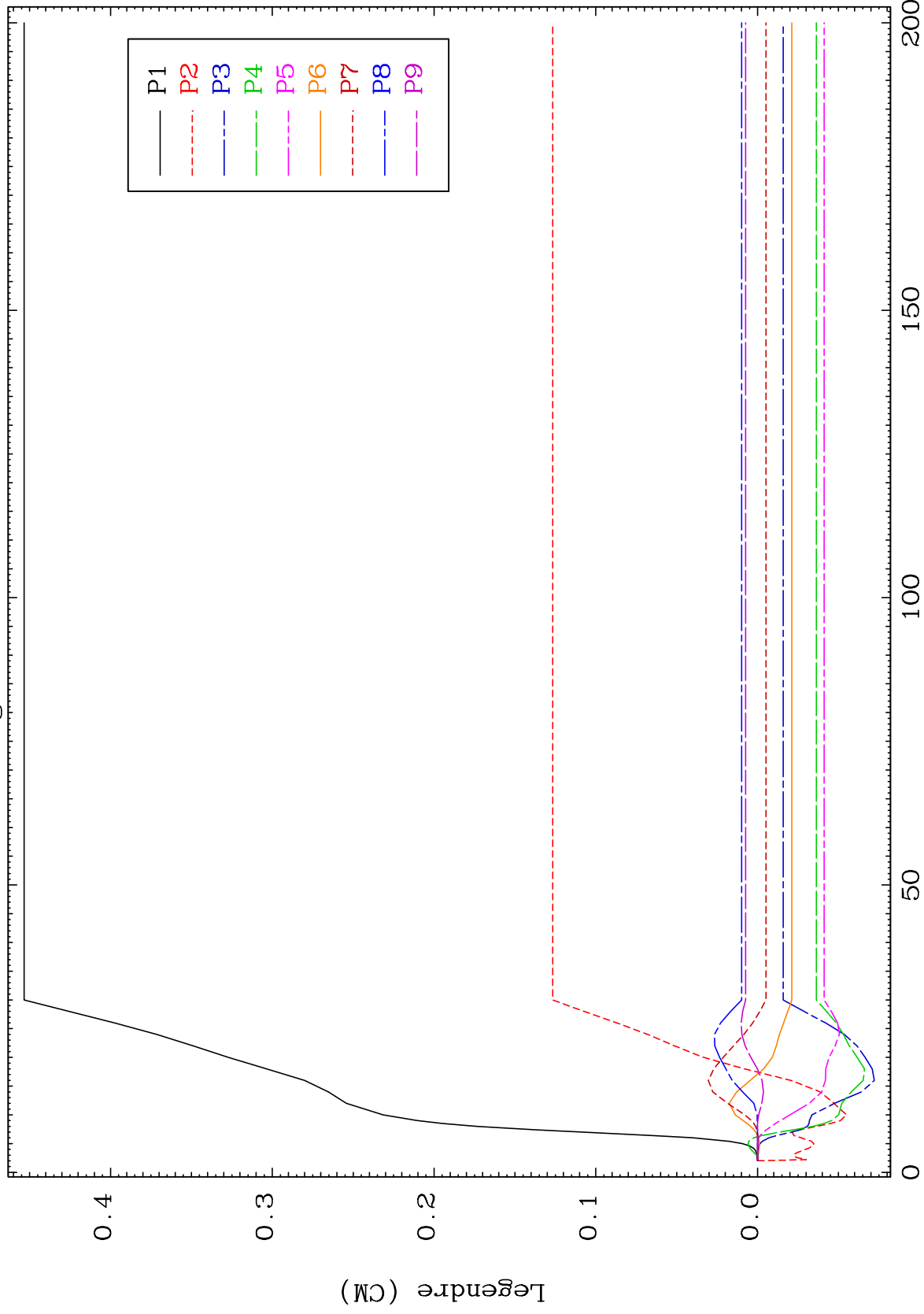
46-Pd-112



MAT 4655

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

46-Pd-112

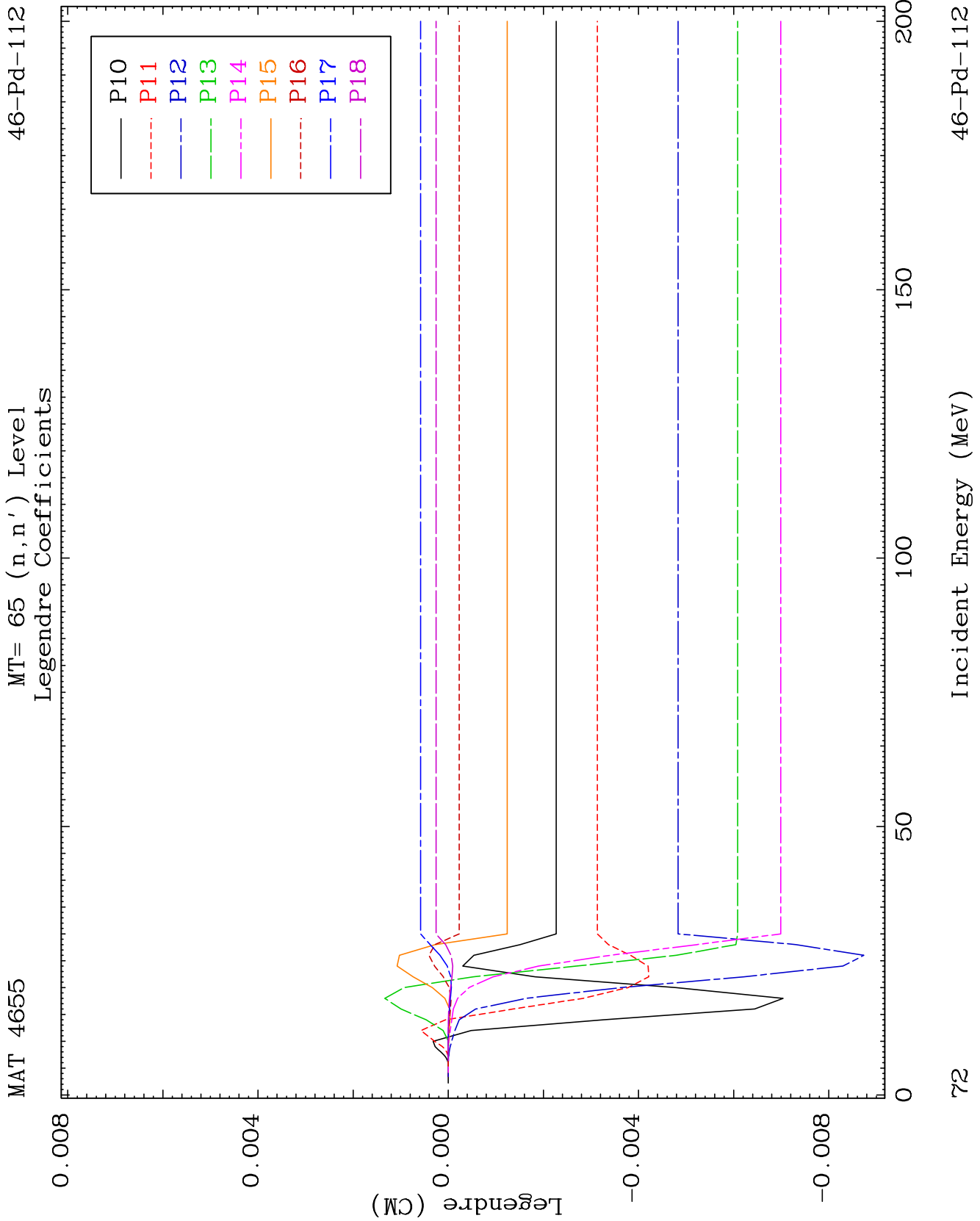


71

Incident Energy (MeV)

46-Pd-112

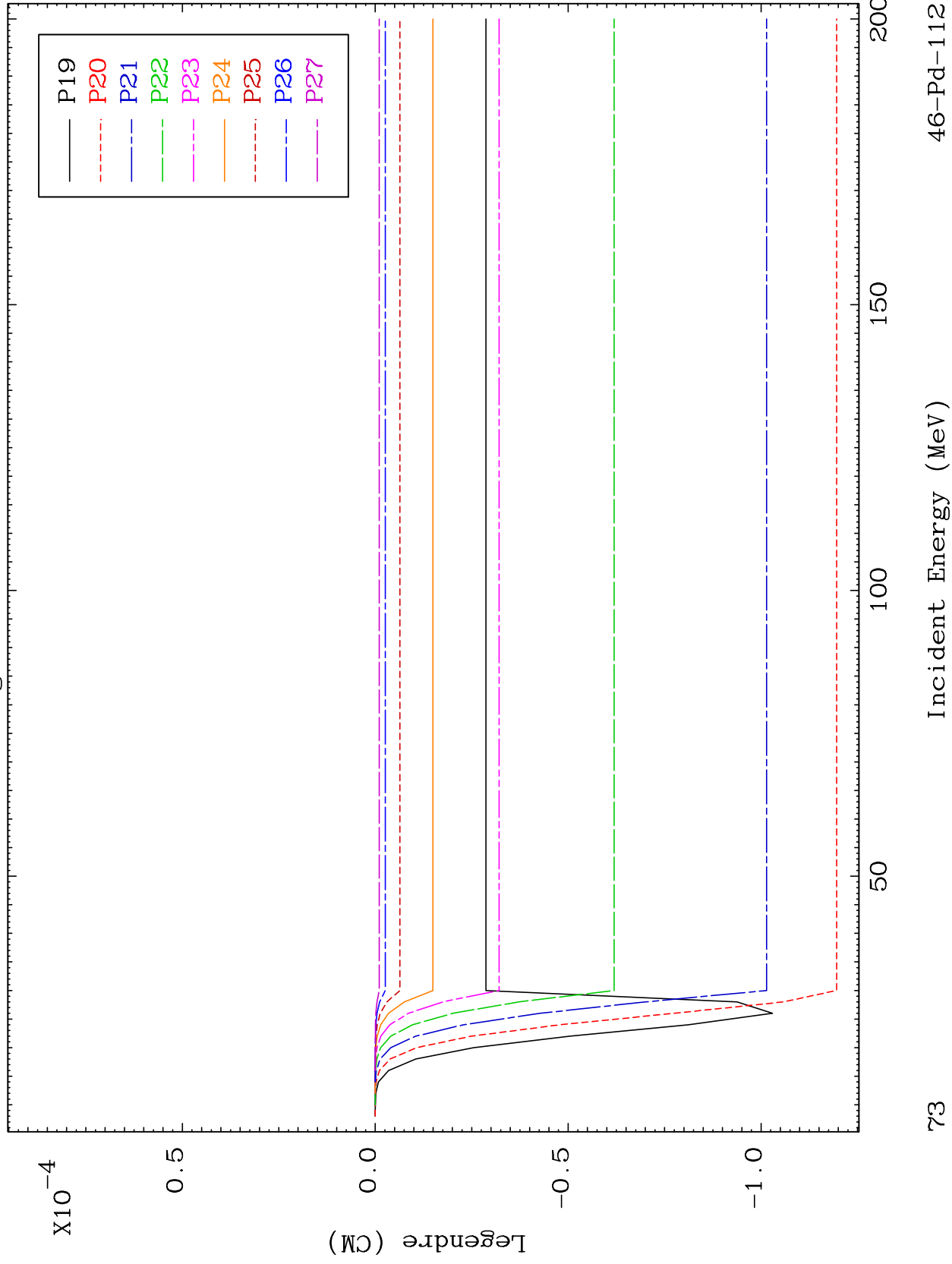




MAT 4655

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

46-Pd-112



73

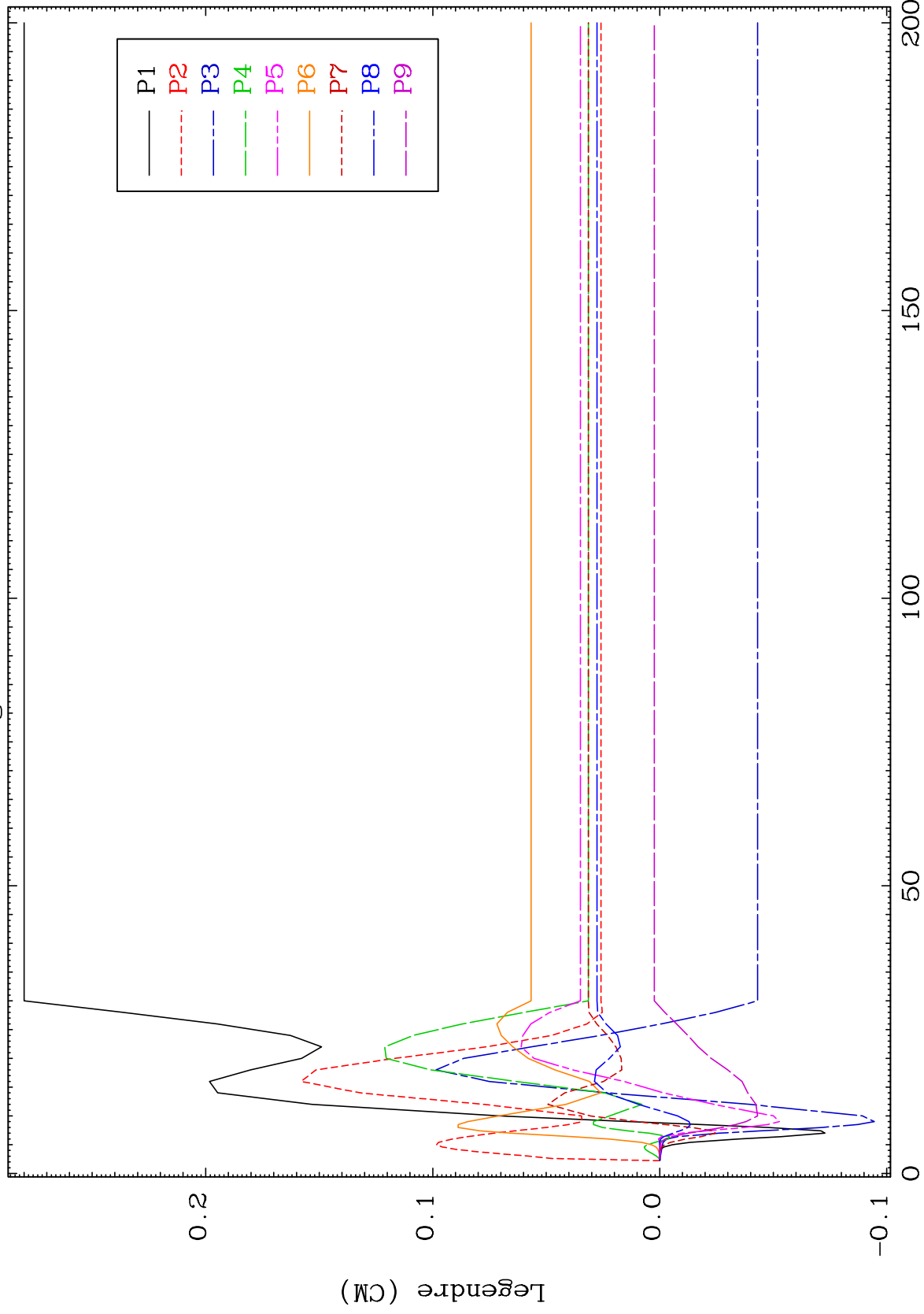
46-Pd-112



MAT 4655

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

46-Pd-112



46-Pd-112

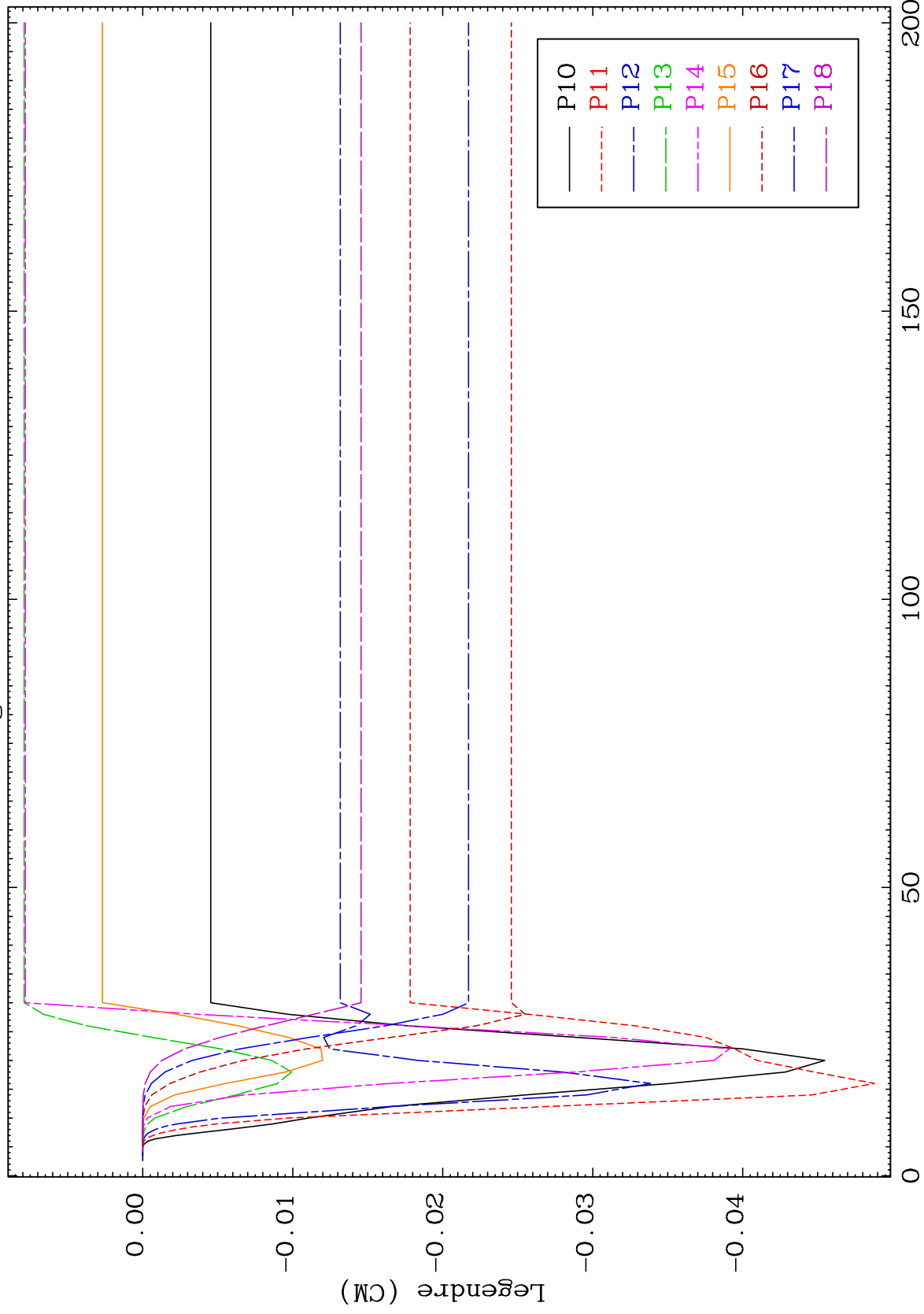
Incident Energy (MeV)

75

MAT 4655

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

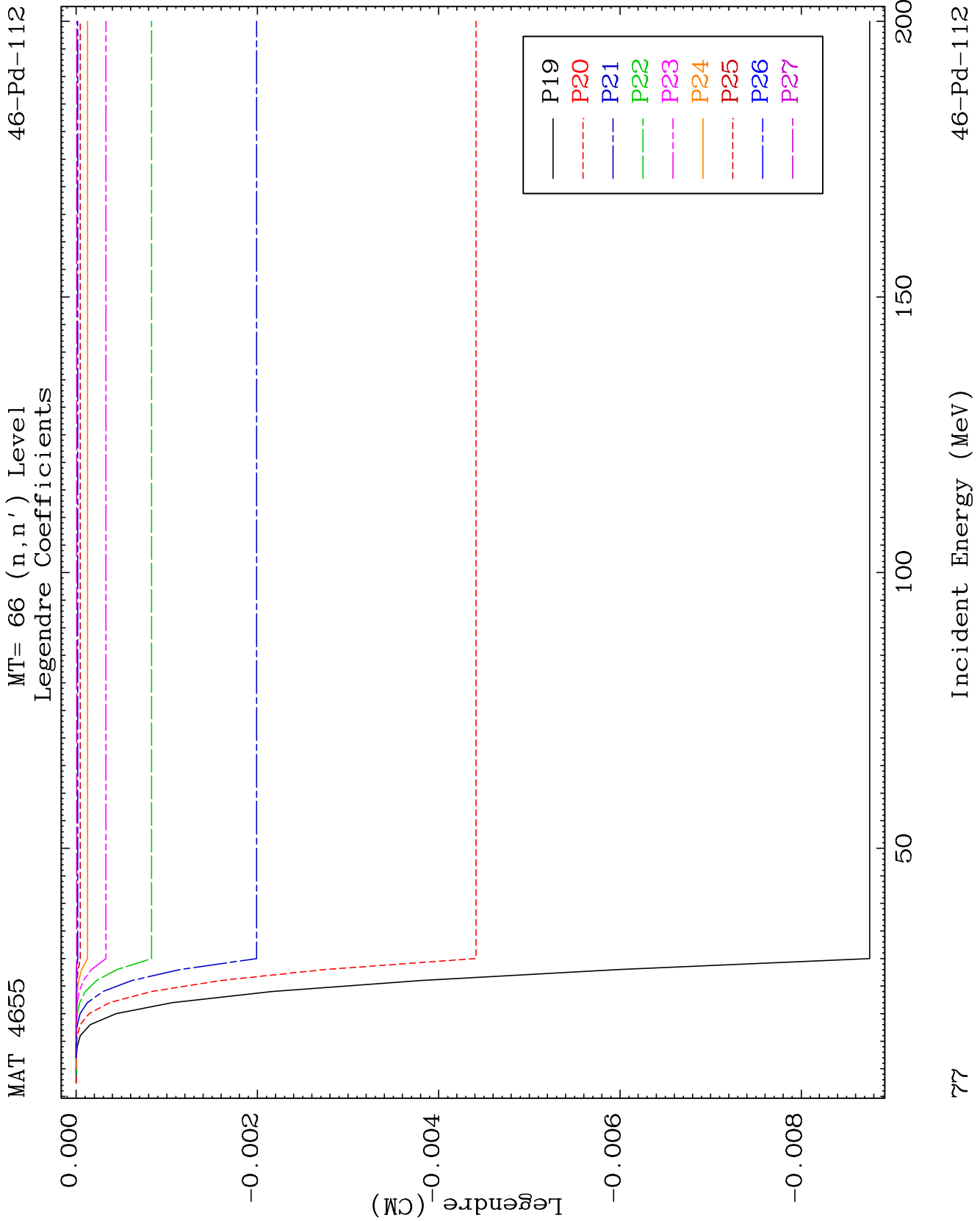
46-Pd-112

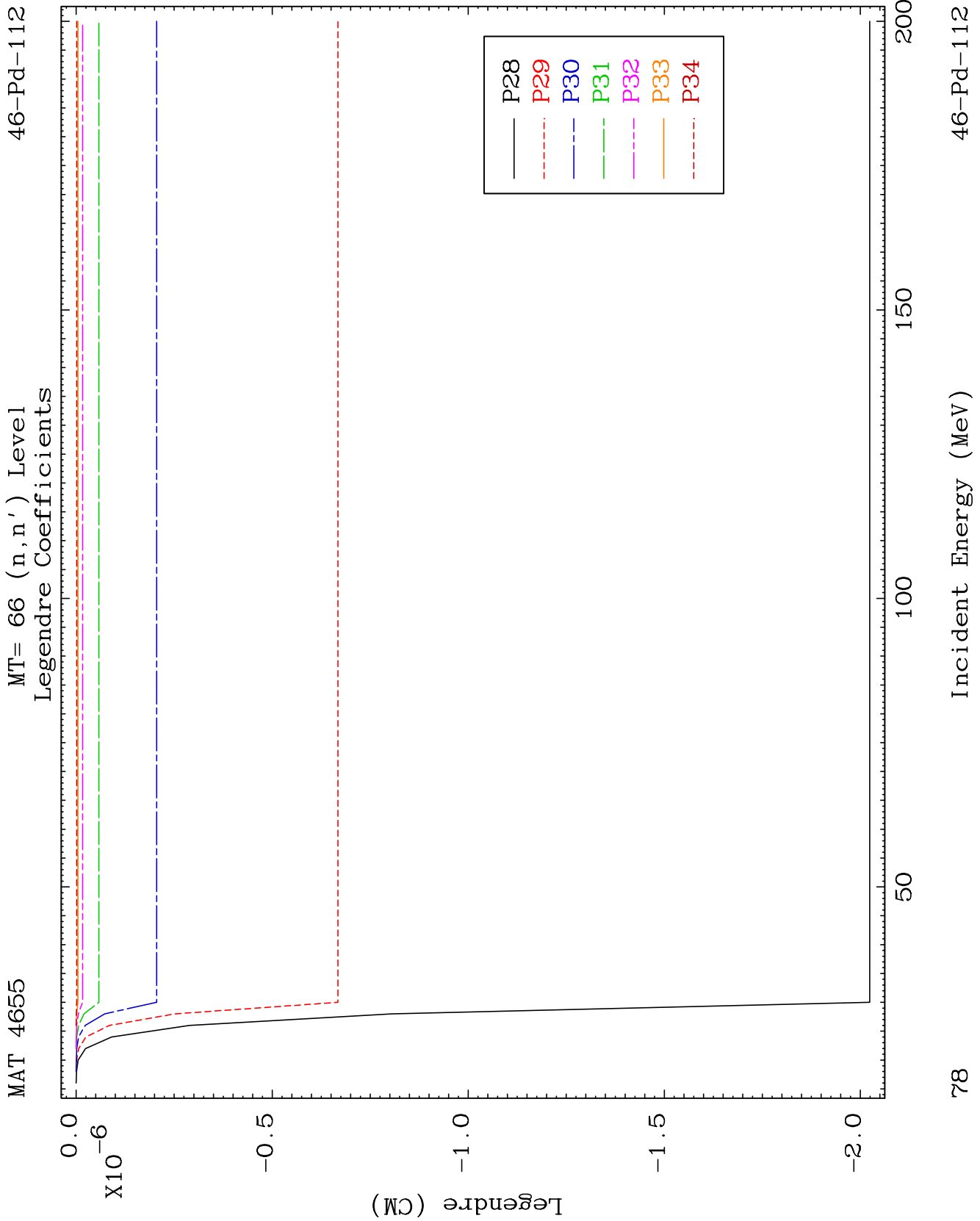


76

Incident Energy (MeV)

46-Pd-112

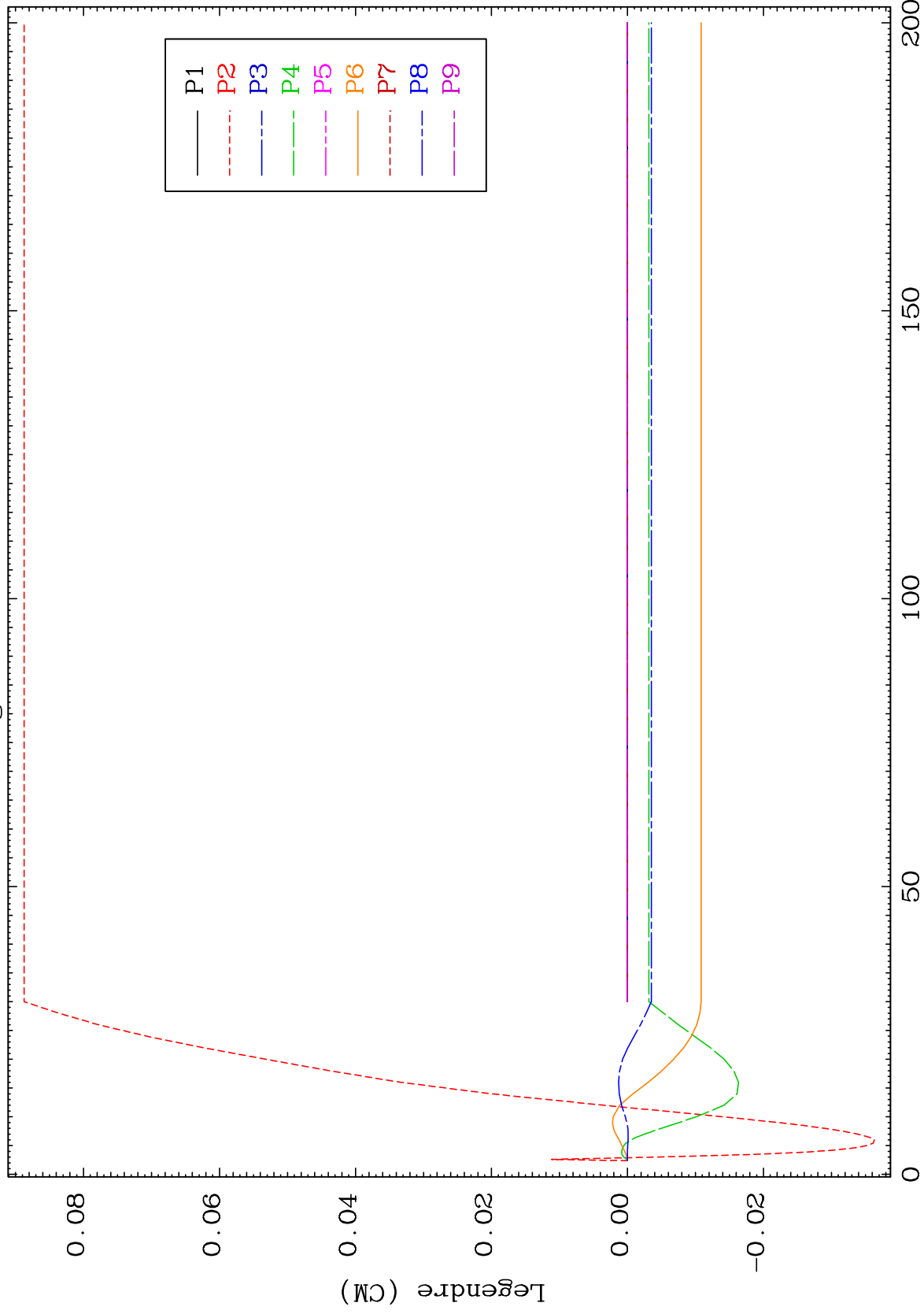




MAT 4655

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

46-Pd-112



79

Incident Energy (MeV)

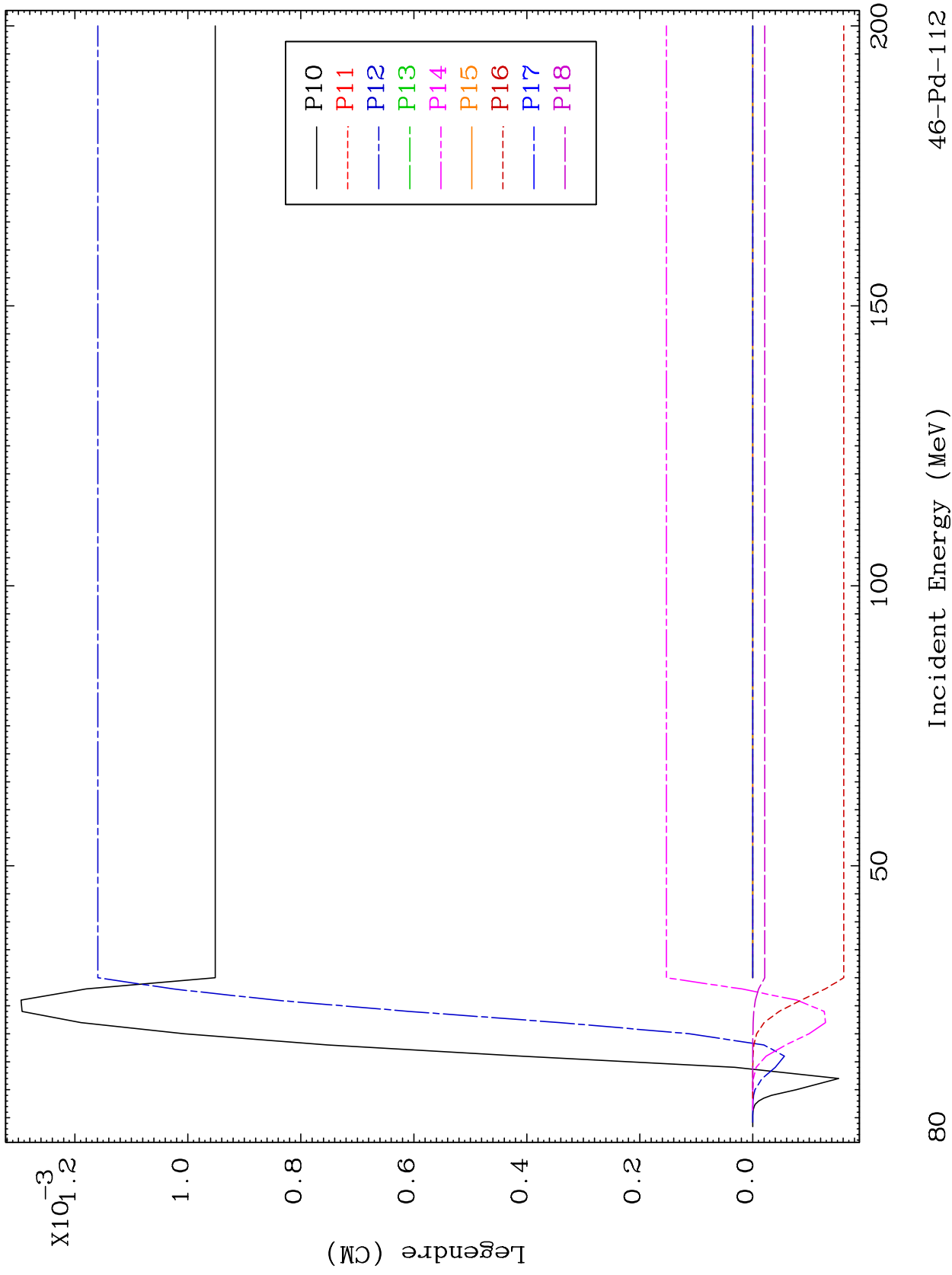
46-Pd-112



MAT 4655

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

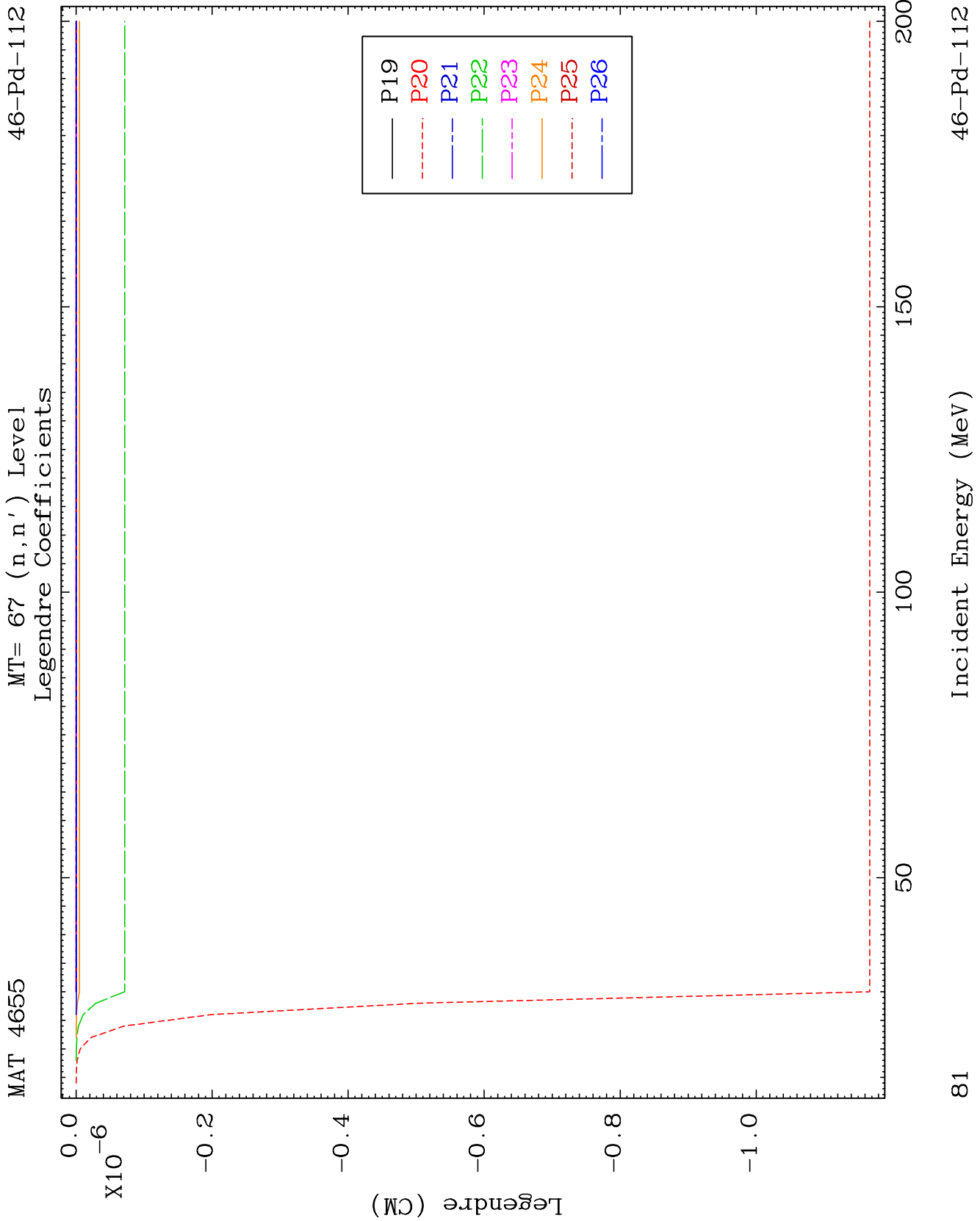
46-Pd-112



80

Incident Energy (MeV)

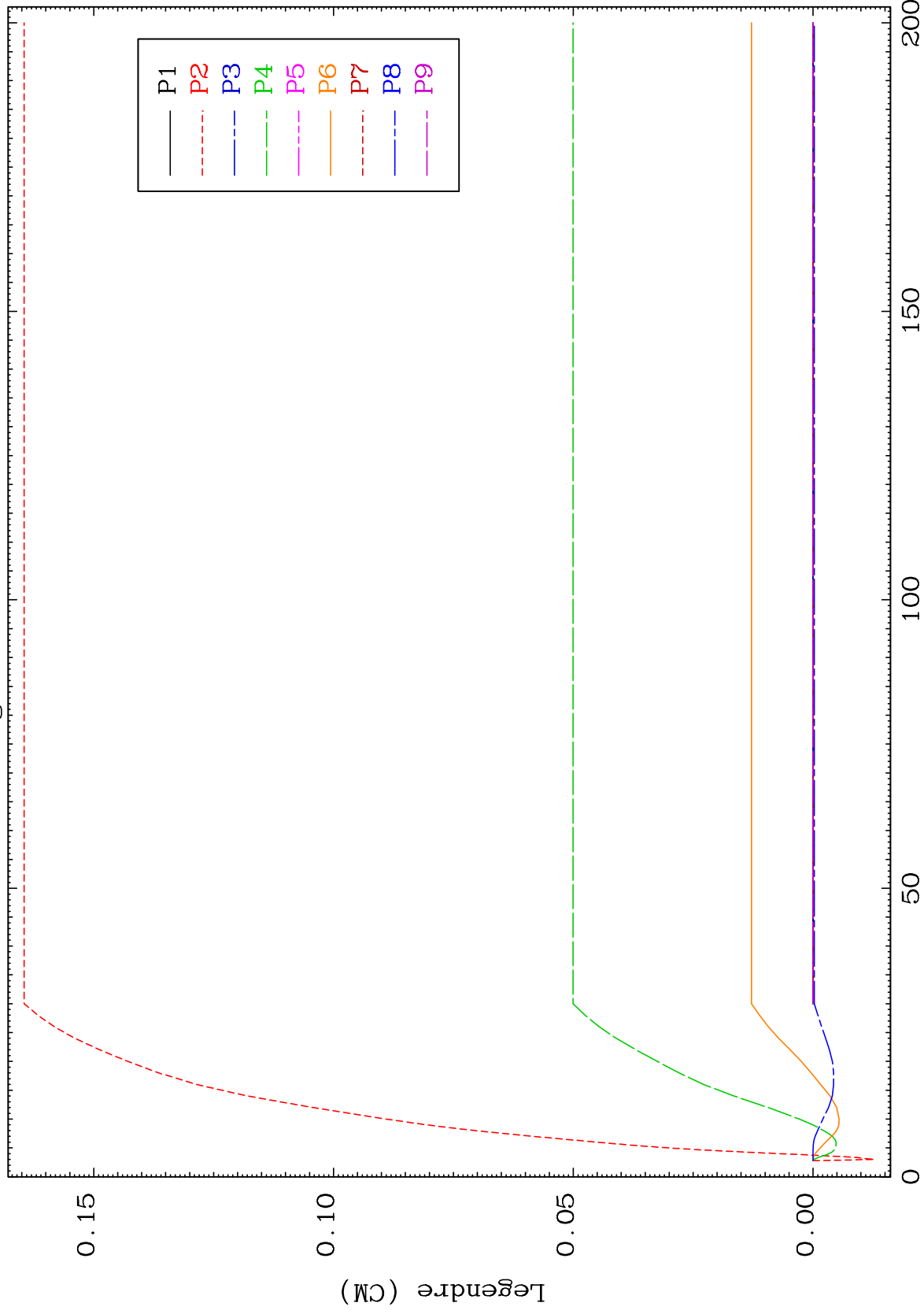
46-Pd-112



MAT 4655

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

46-Pd-112



82

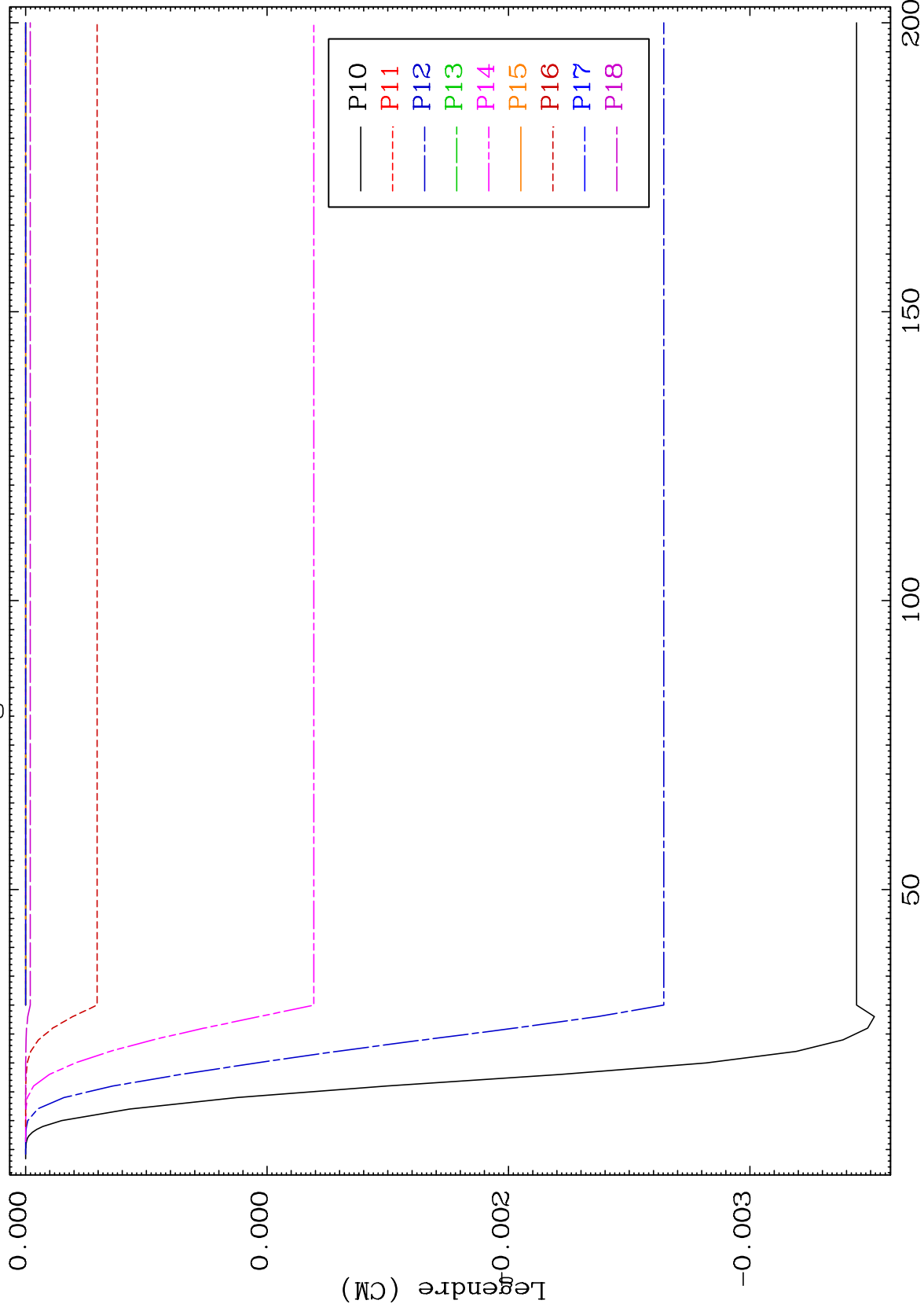
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

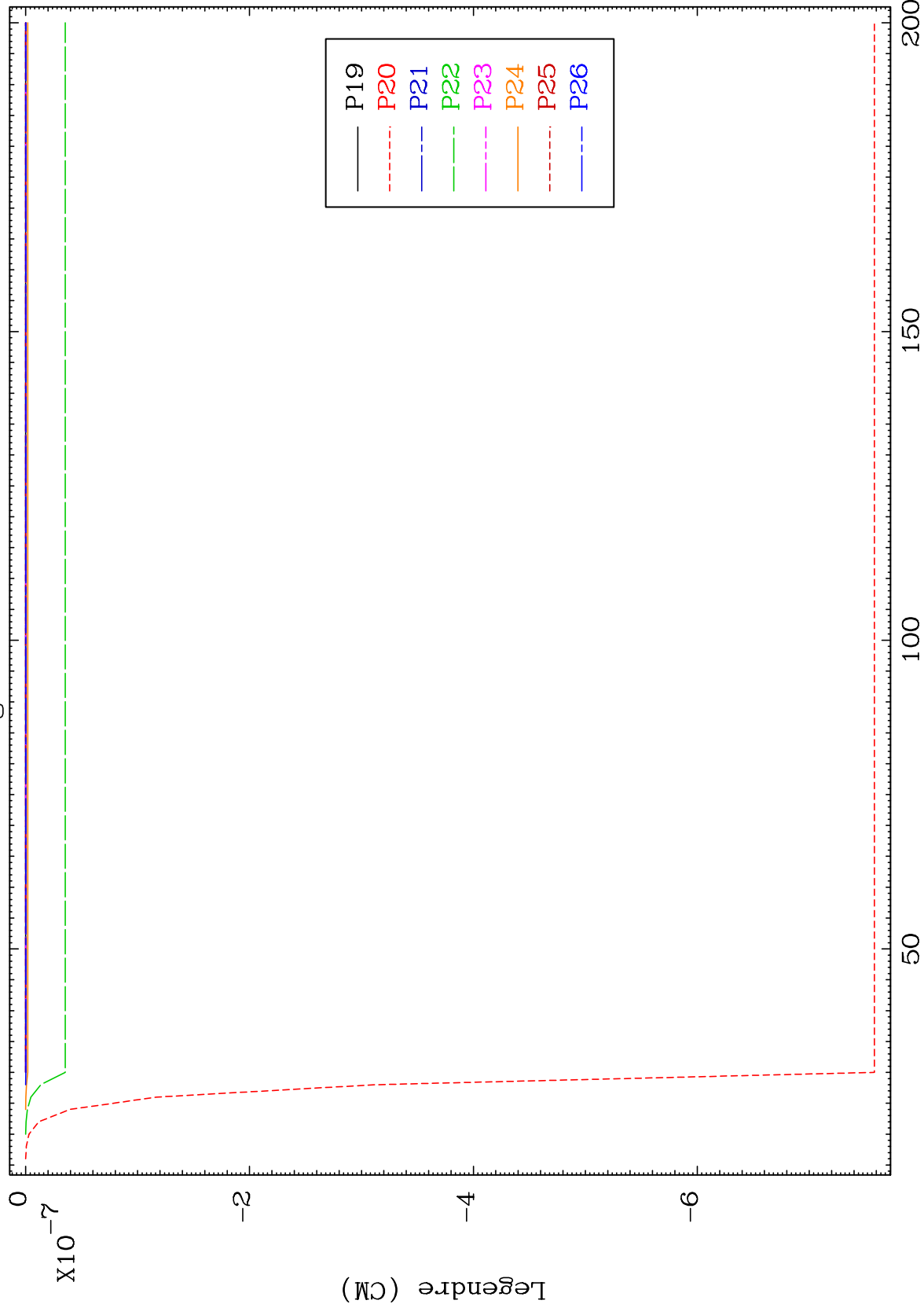
46-Pd-112



MAT 4655

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

46-Pd-112



84

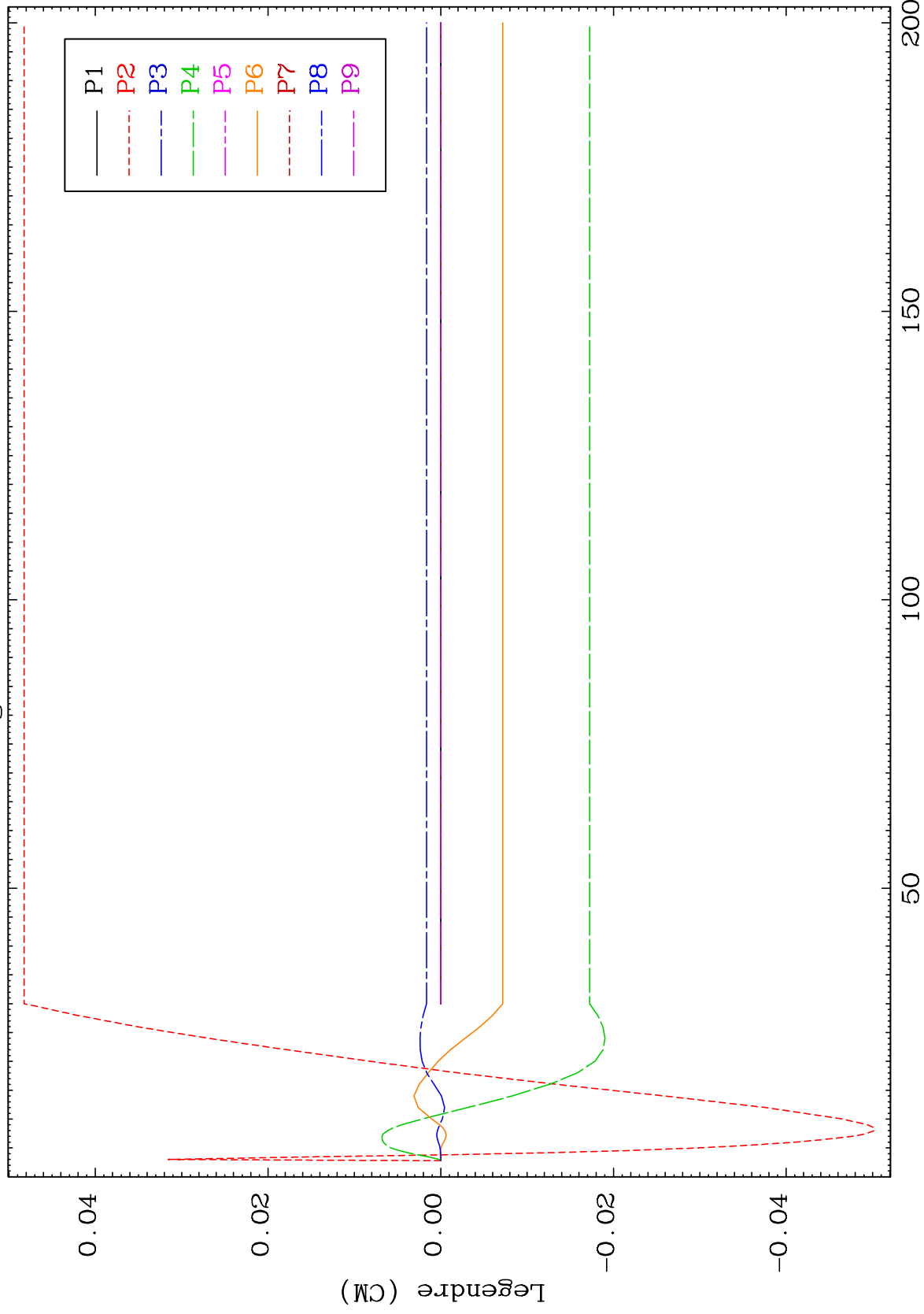
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

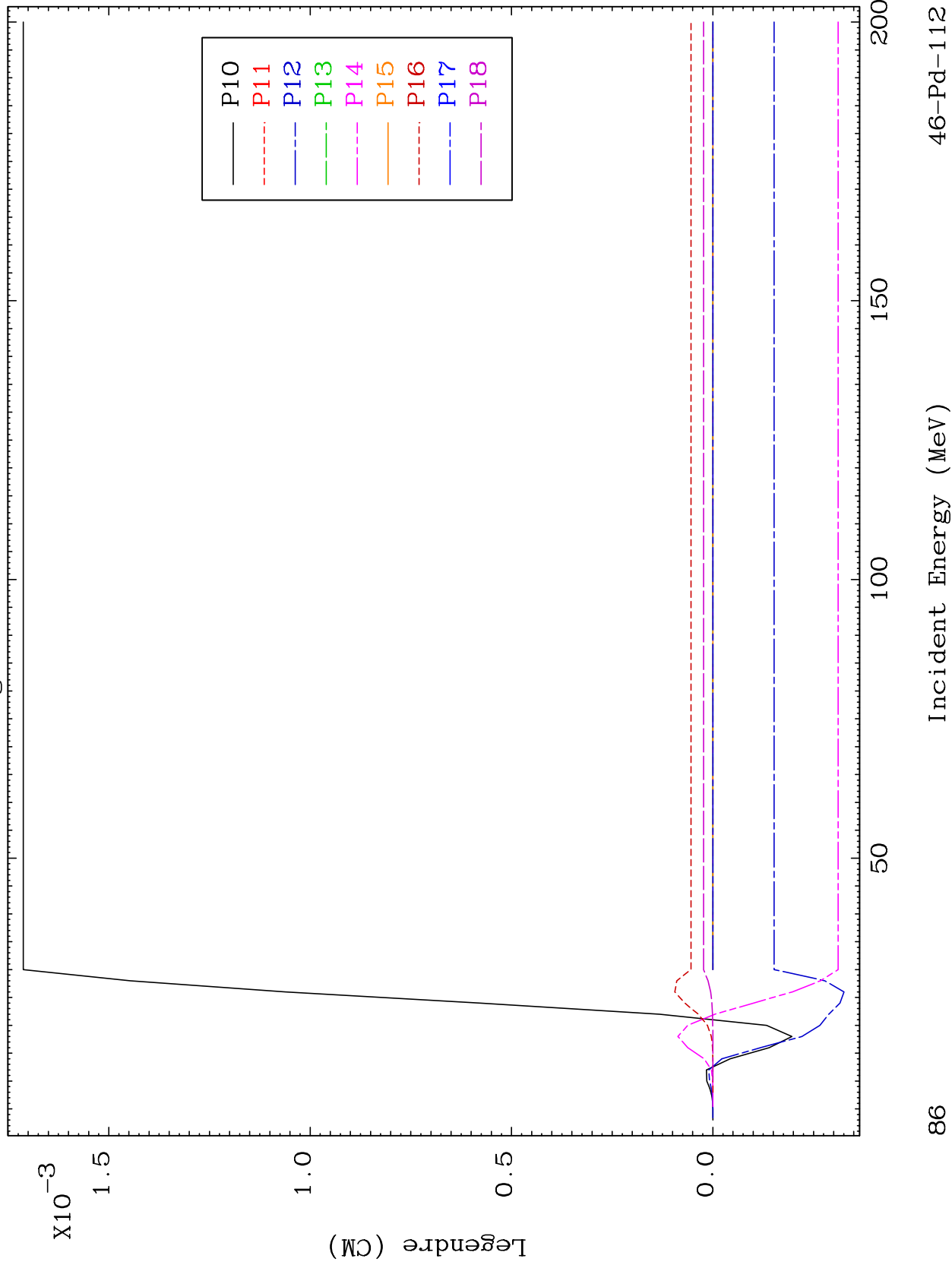
46-Pd-112



85

Incident Energy (MeV)

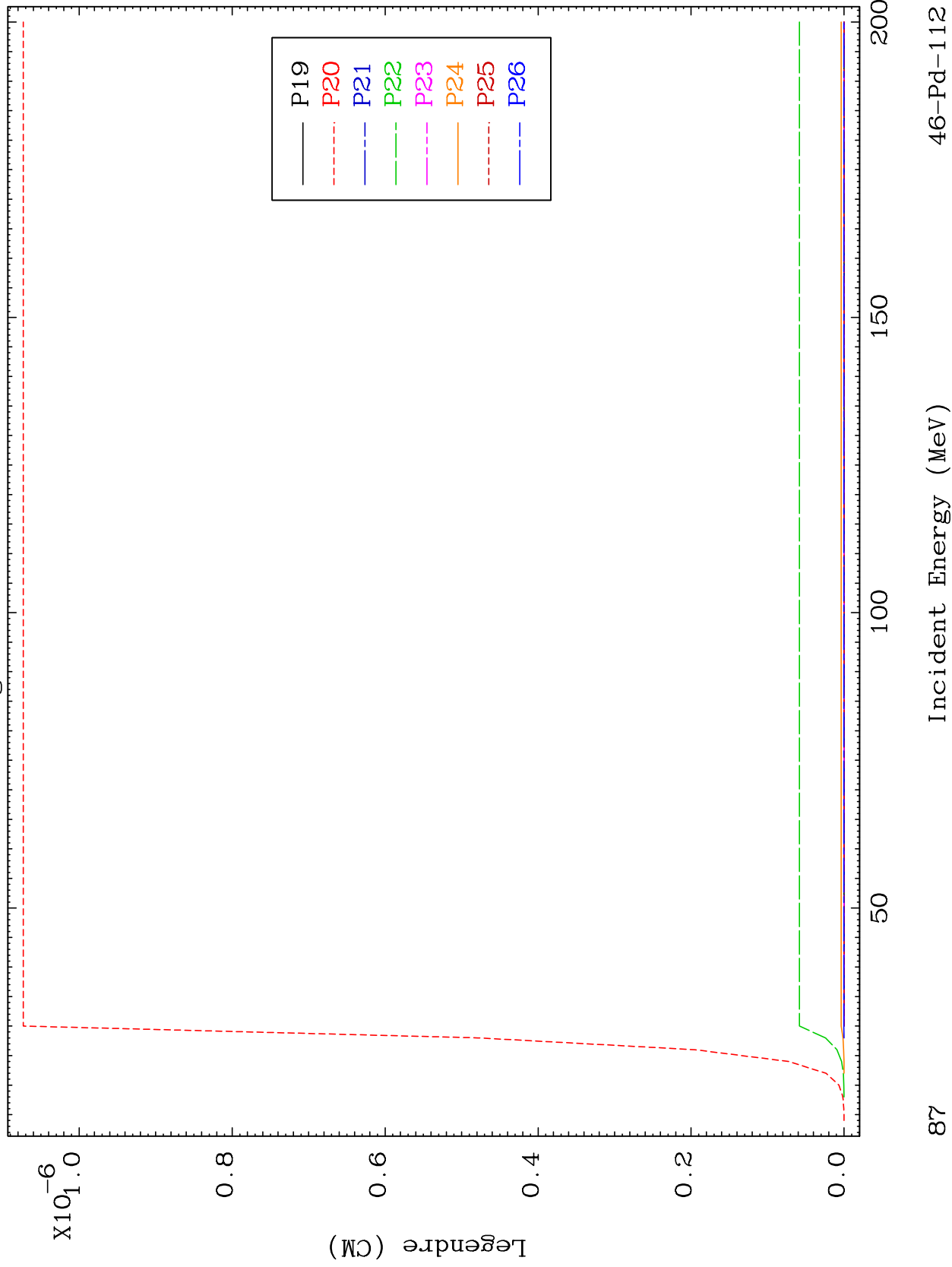
46-Pd-112



MAT 4655

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

46-Pd-112

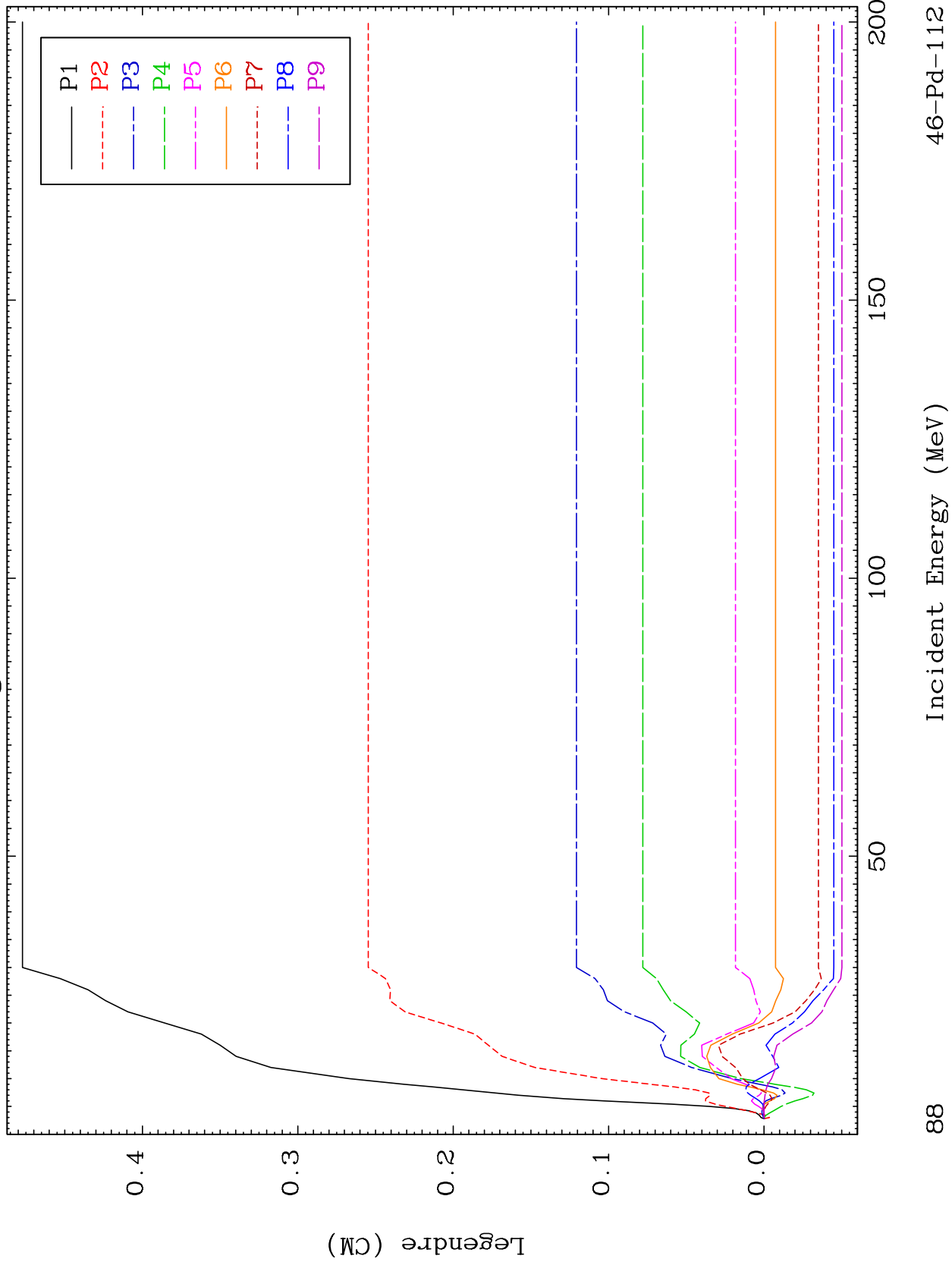




MAT 4655

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

46-Pd-112

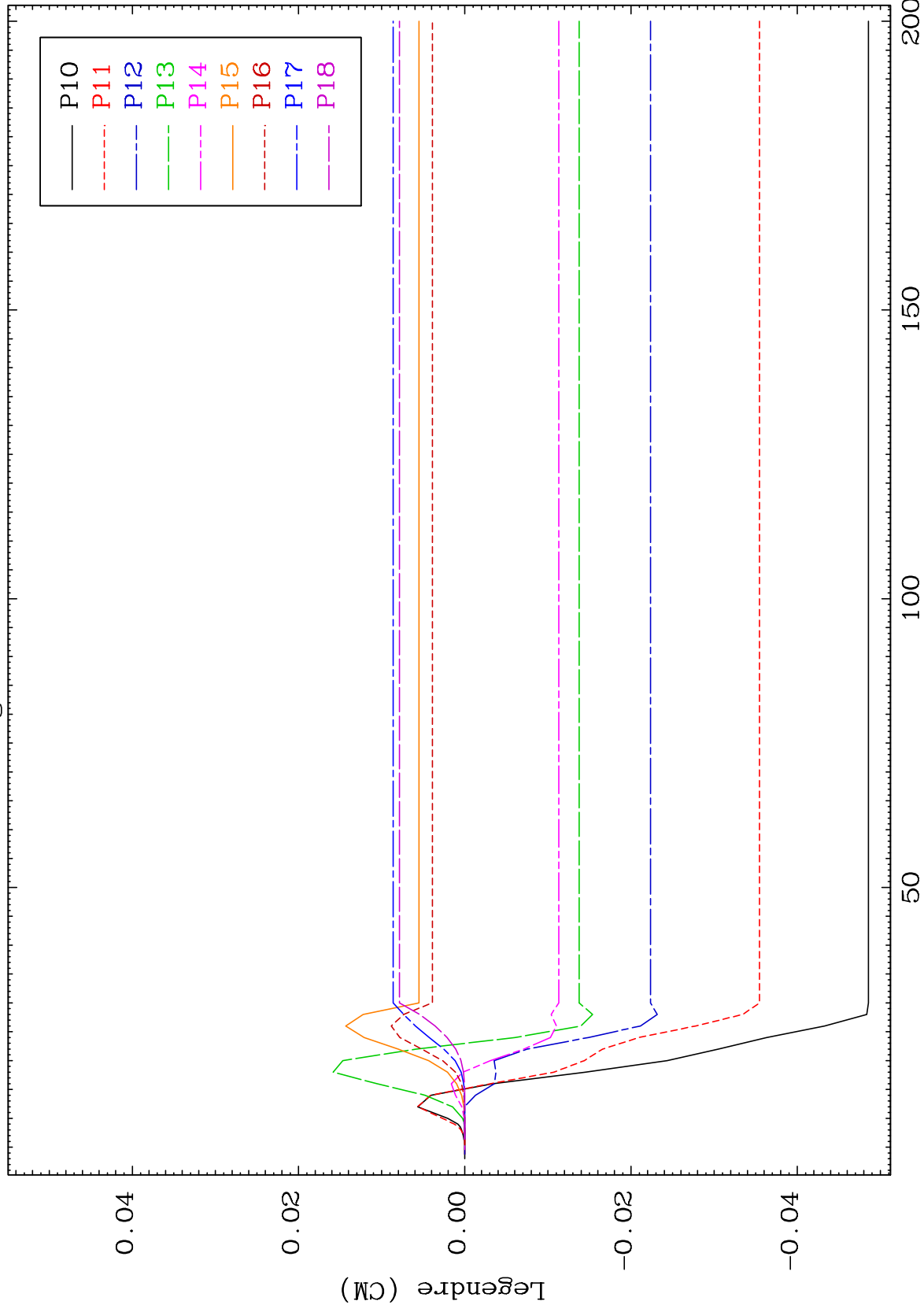


88

MAT 4655

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

46-Pd-112



89

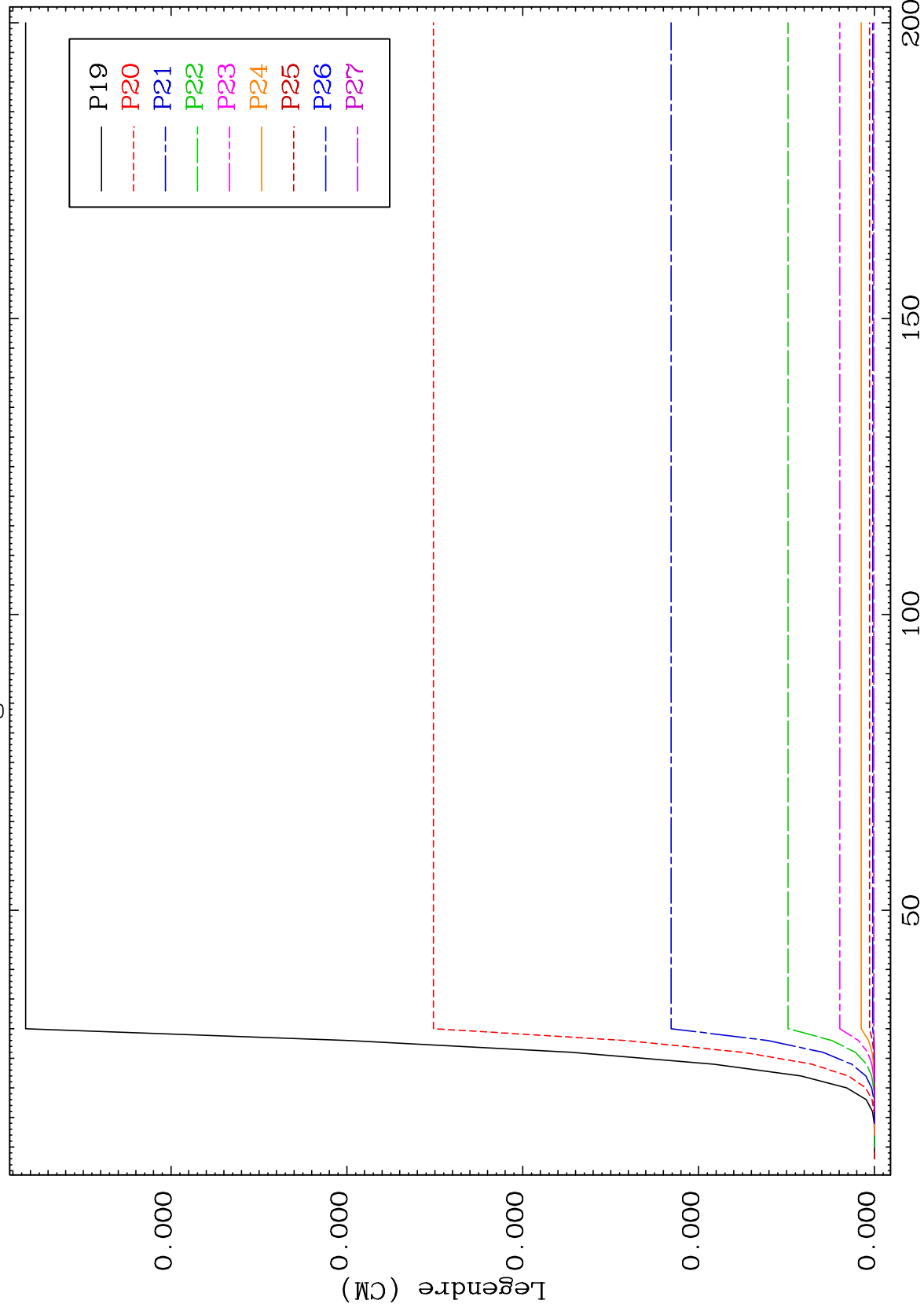
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



90

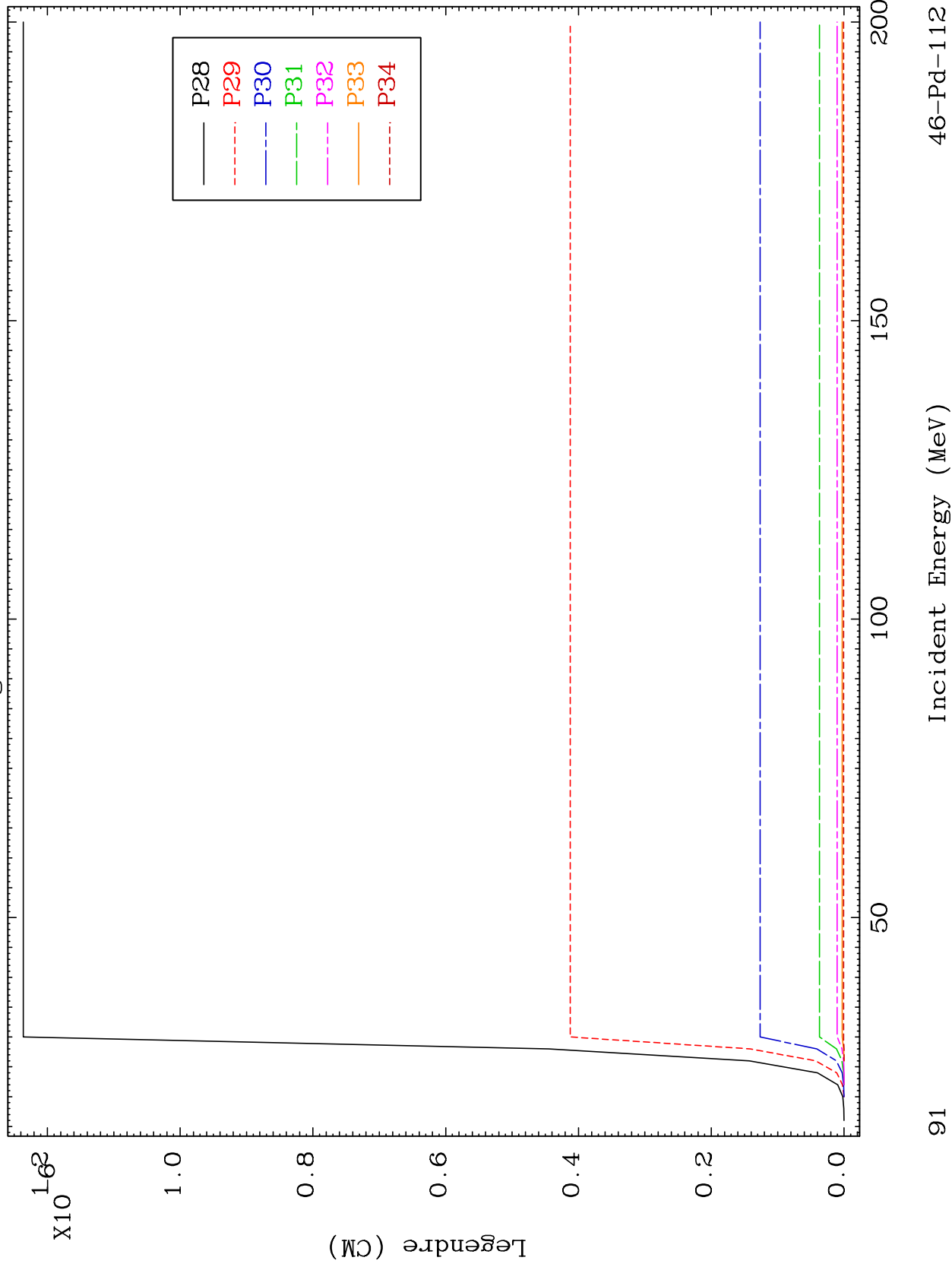
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

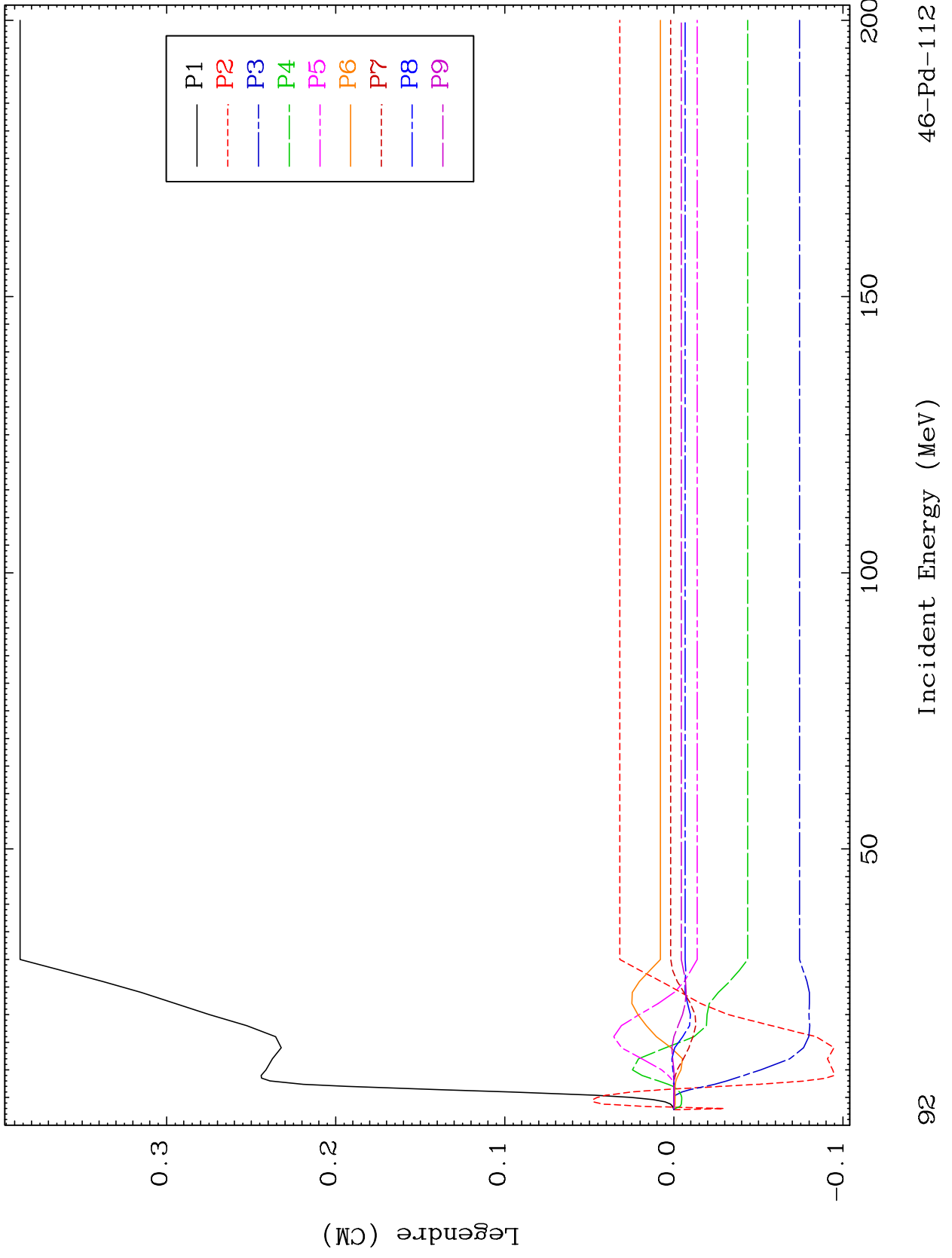
46-Pd-112



MAT 4655

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

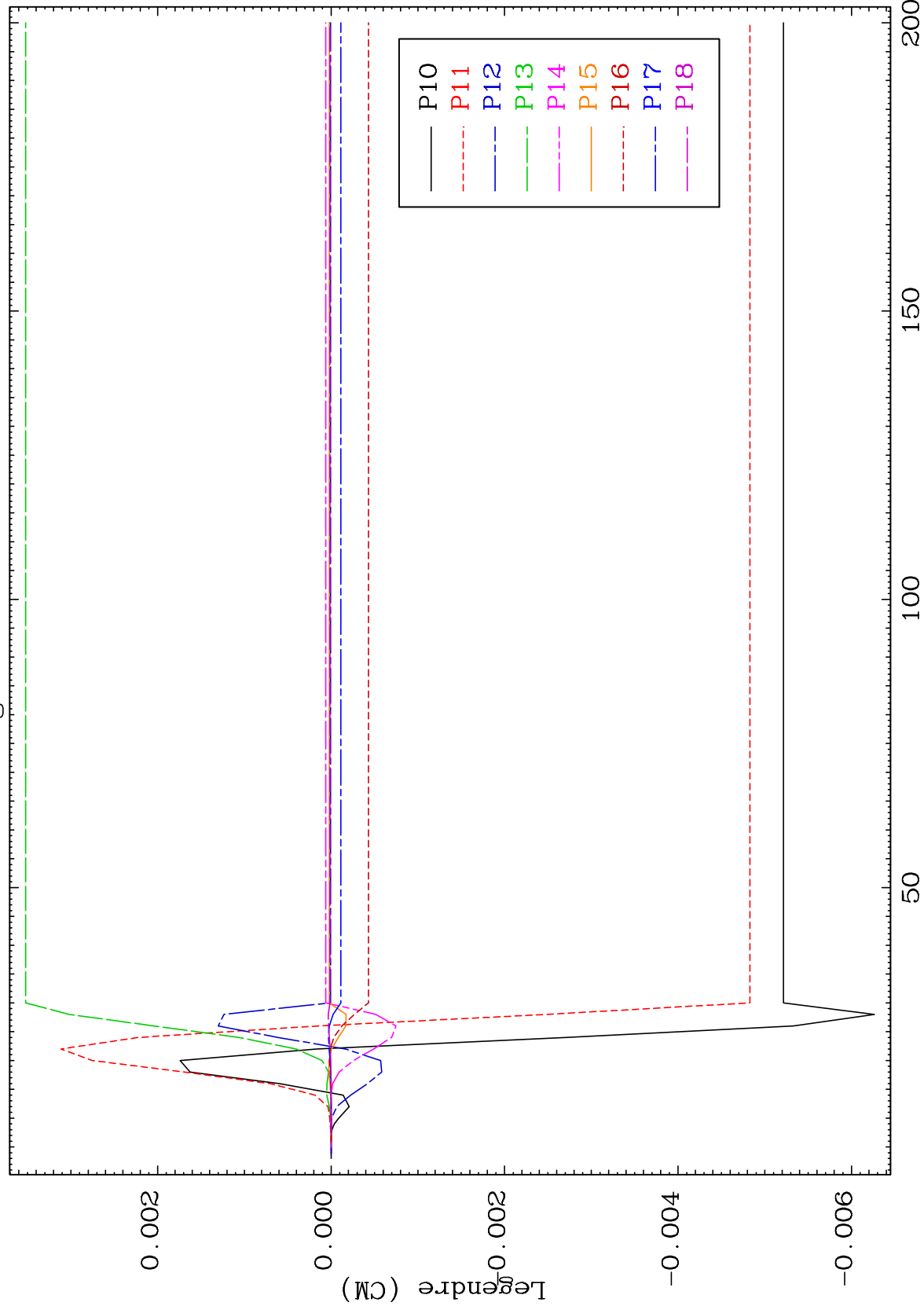
46-Pd-112

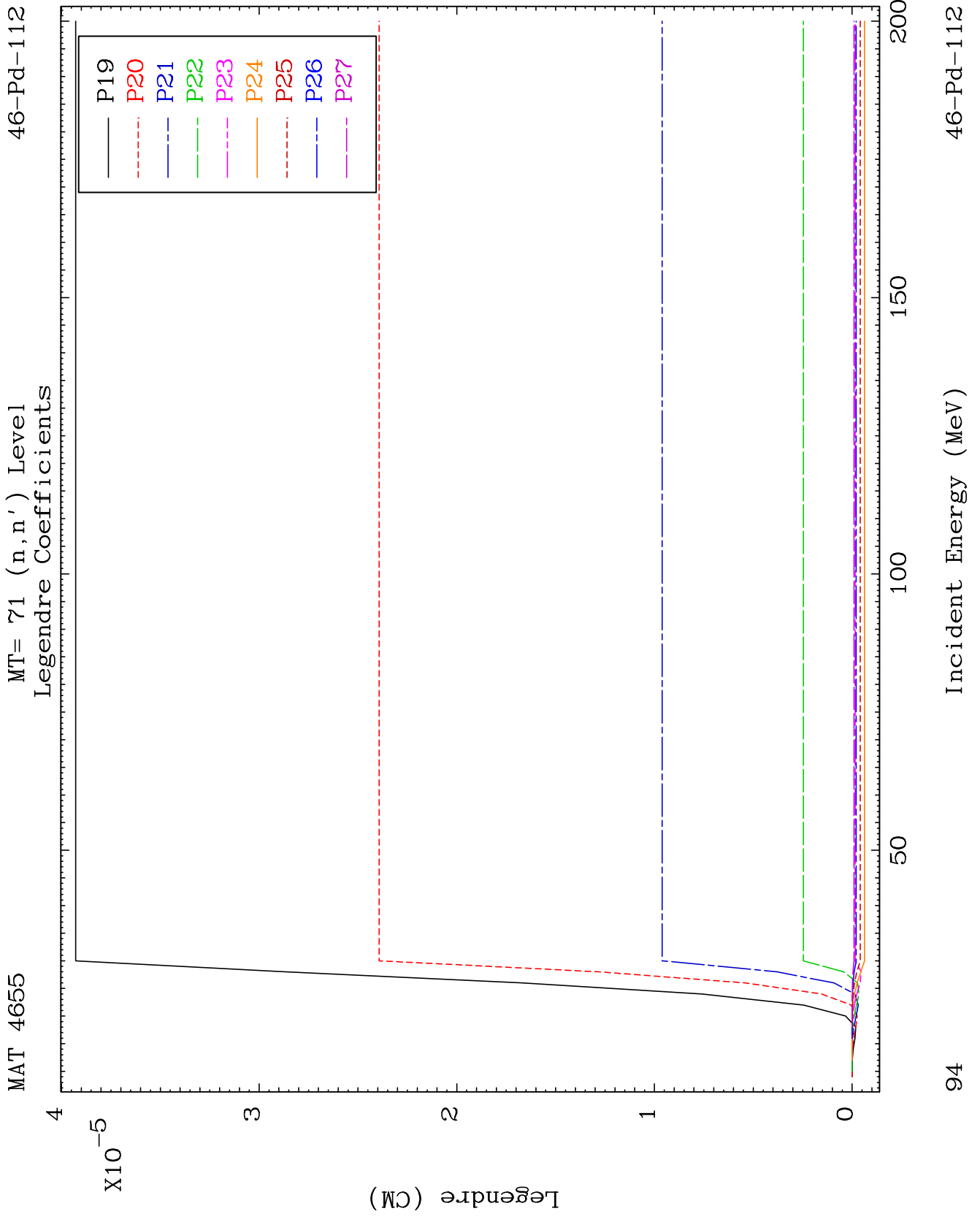


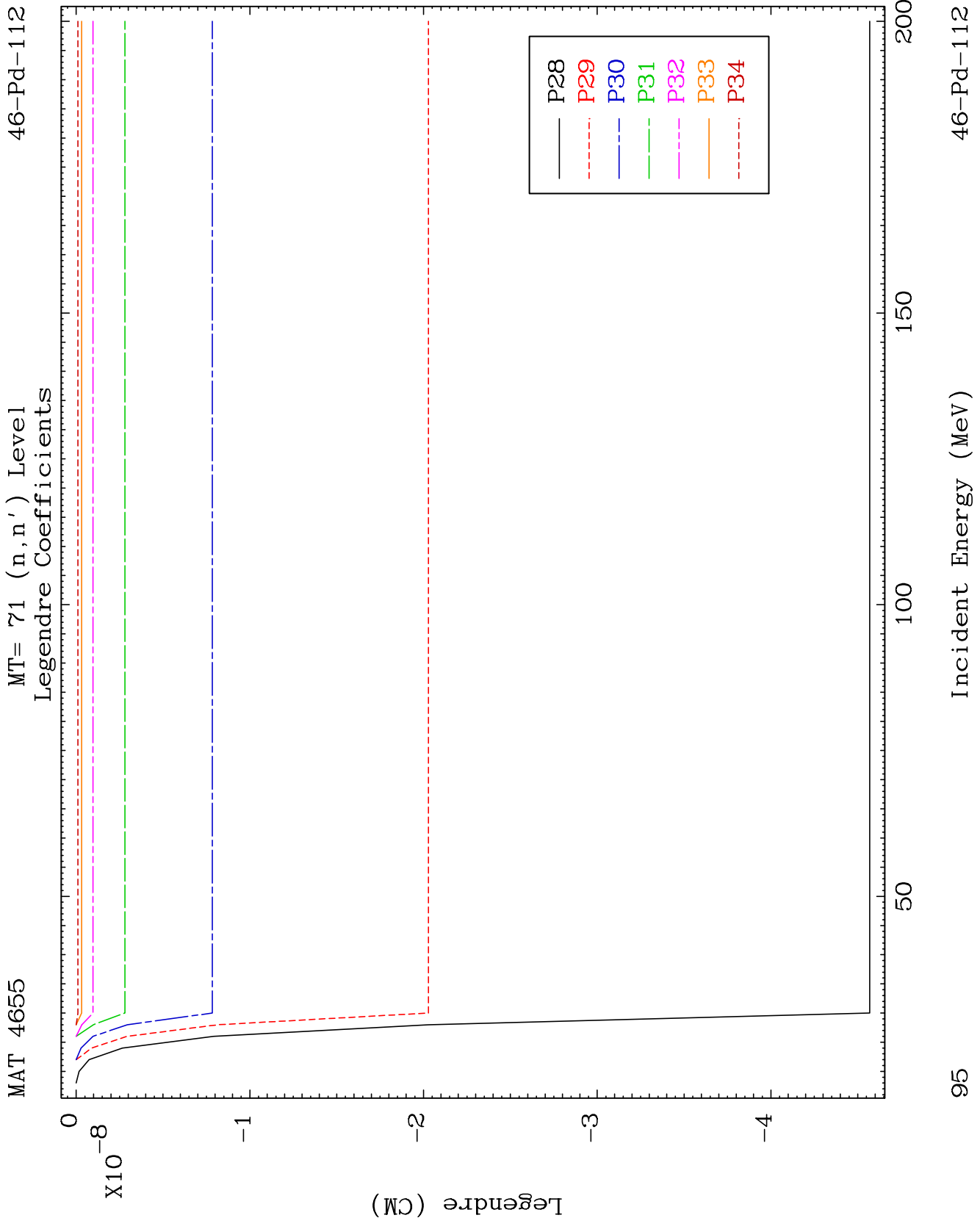
MAT 4655

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

46-Pd-112





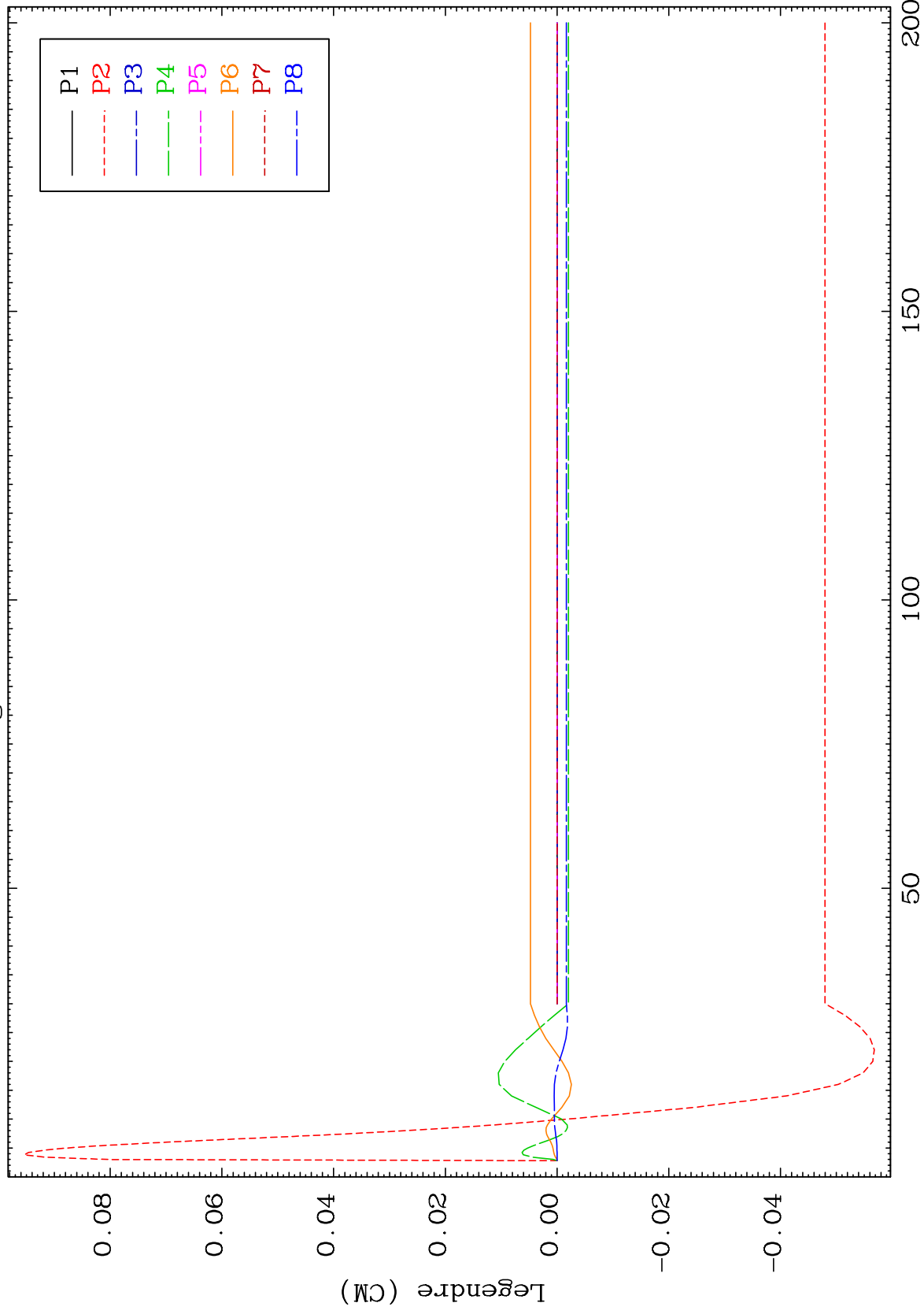




MAT 4655

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

46-Pd-112



96

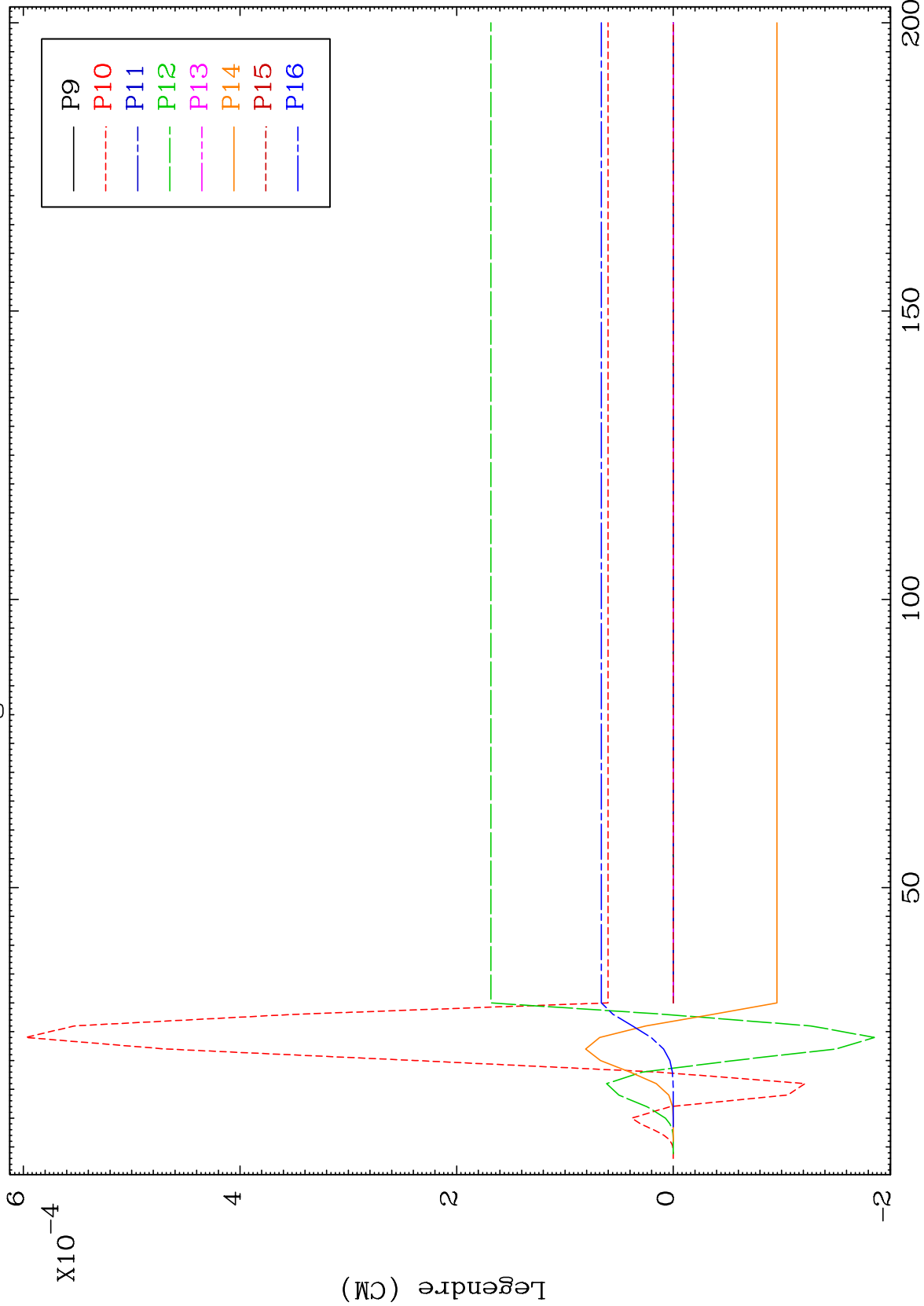
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



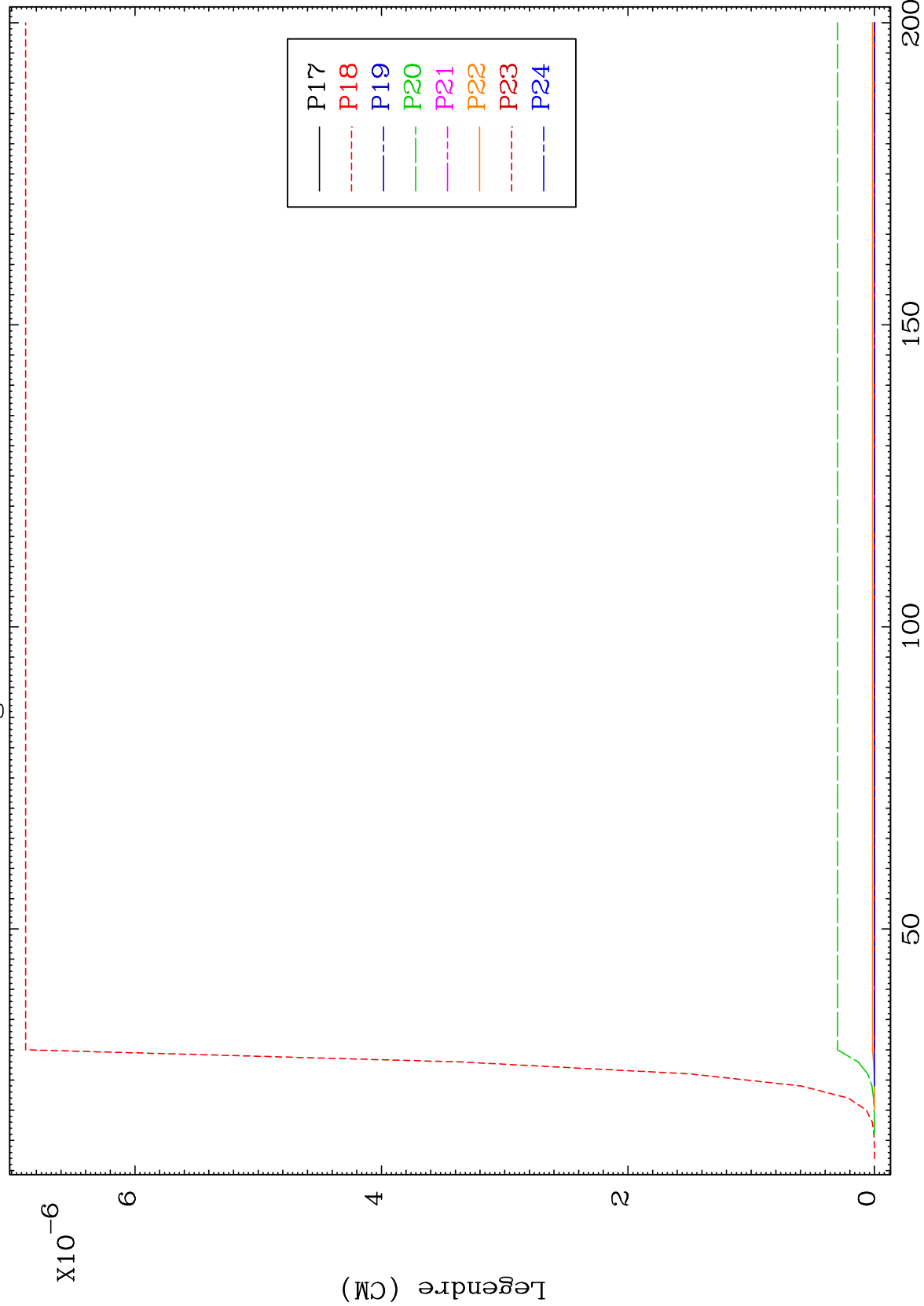
97

46-Pd-112

MAT 4655

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

46-Pd-112



46-Pd-112

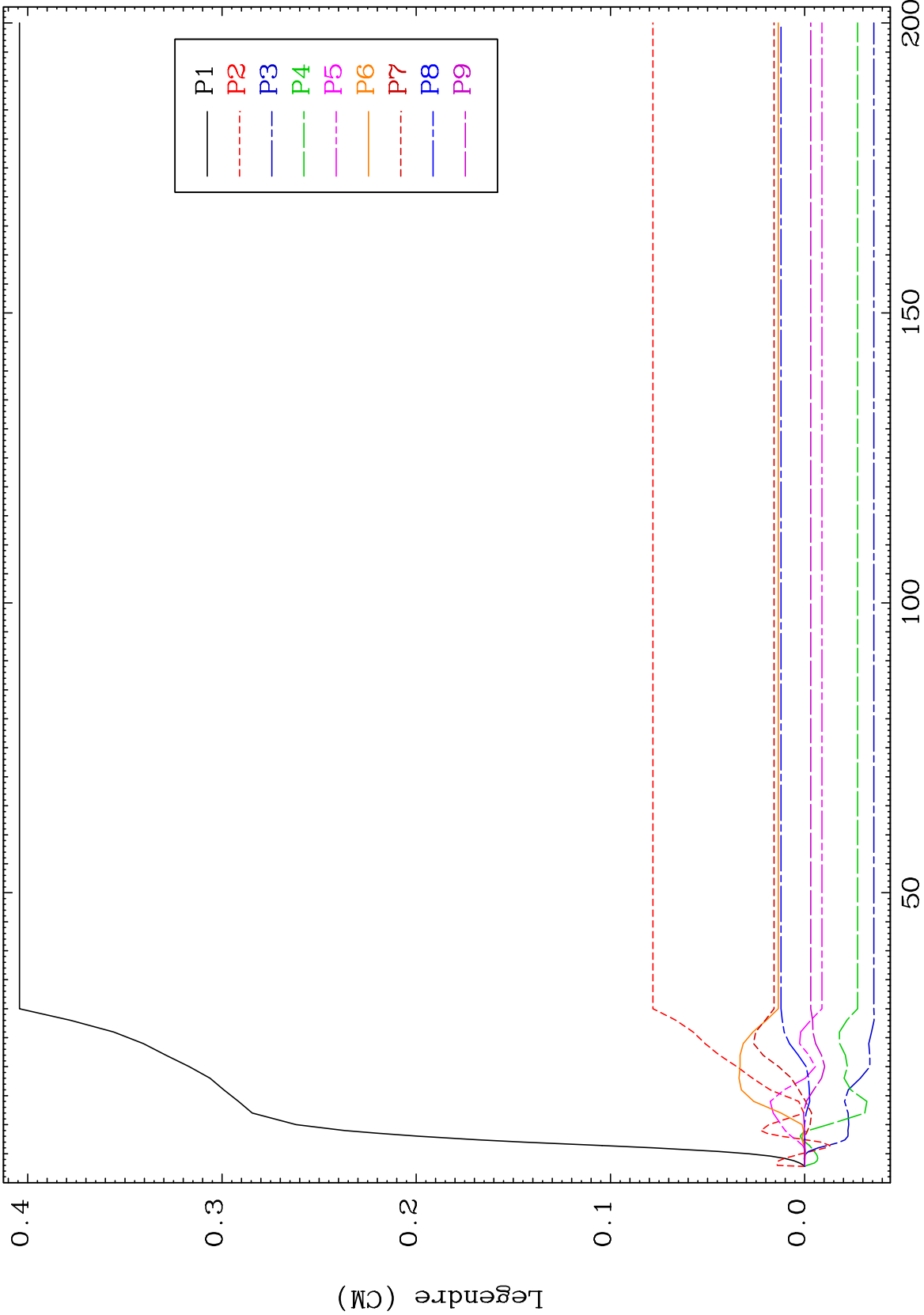
Incident Energy (MeV)

98

MAT 4655

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

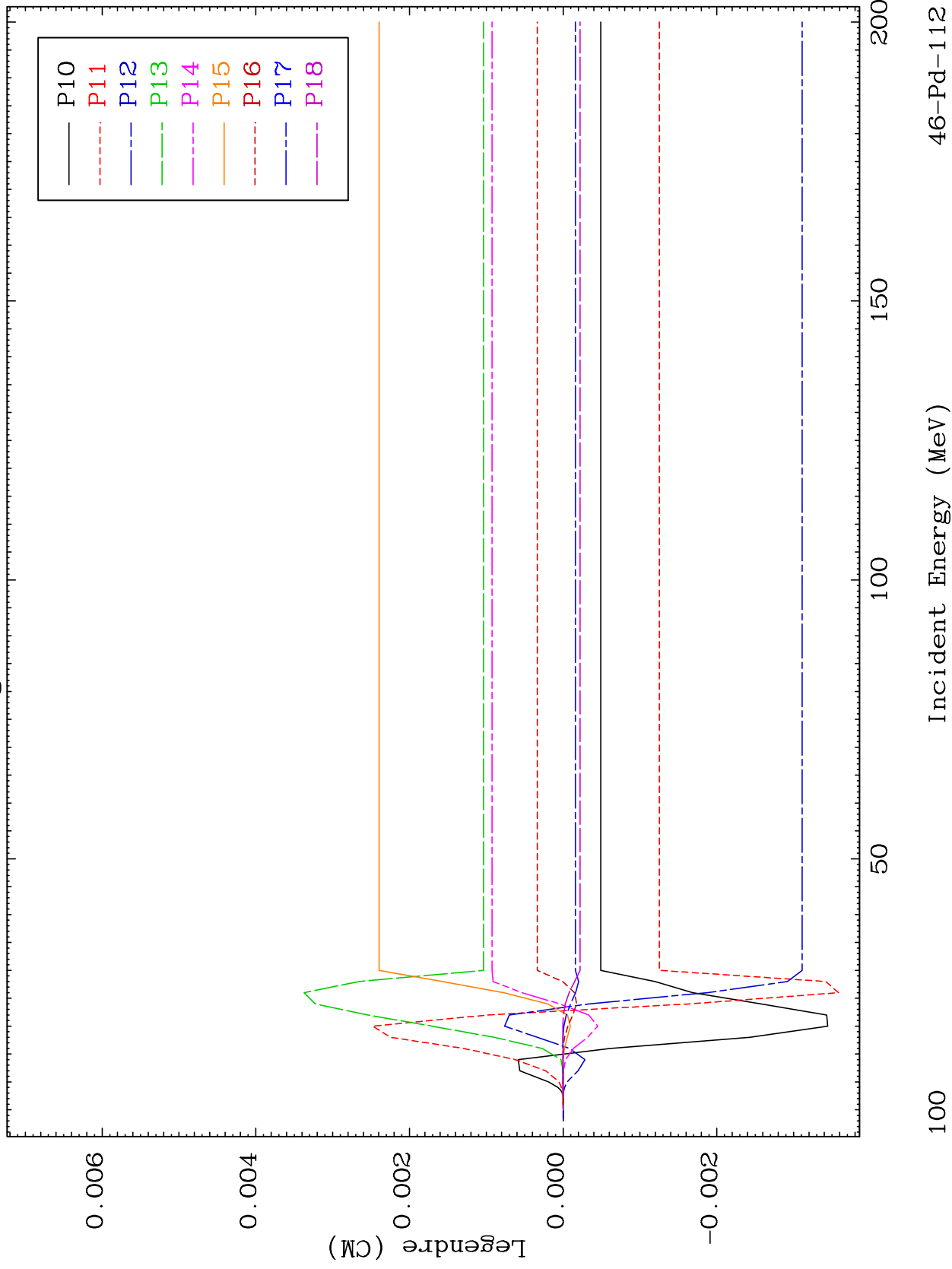
46-Pd-112



MAT 4655

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

46-Pd-112



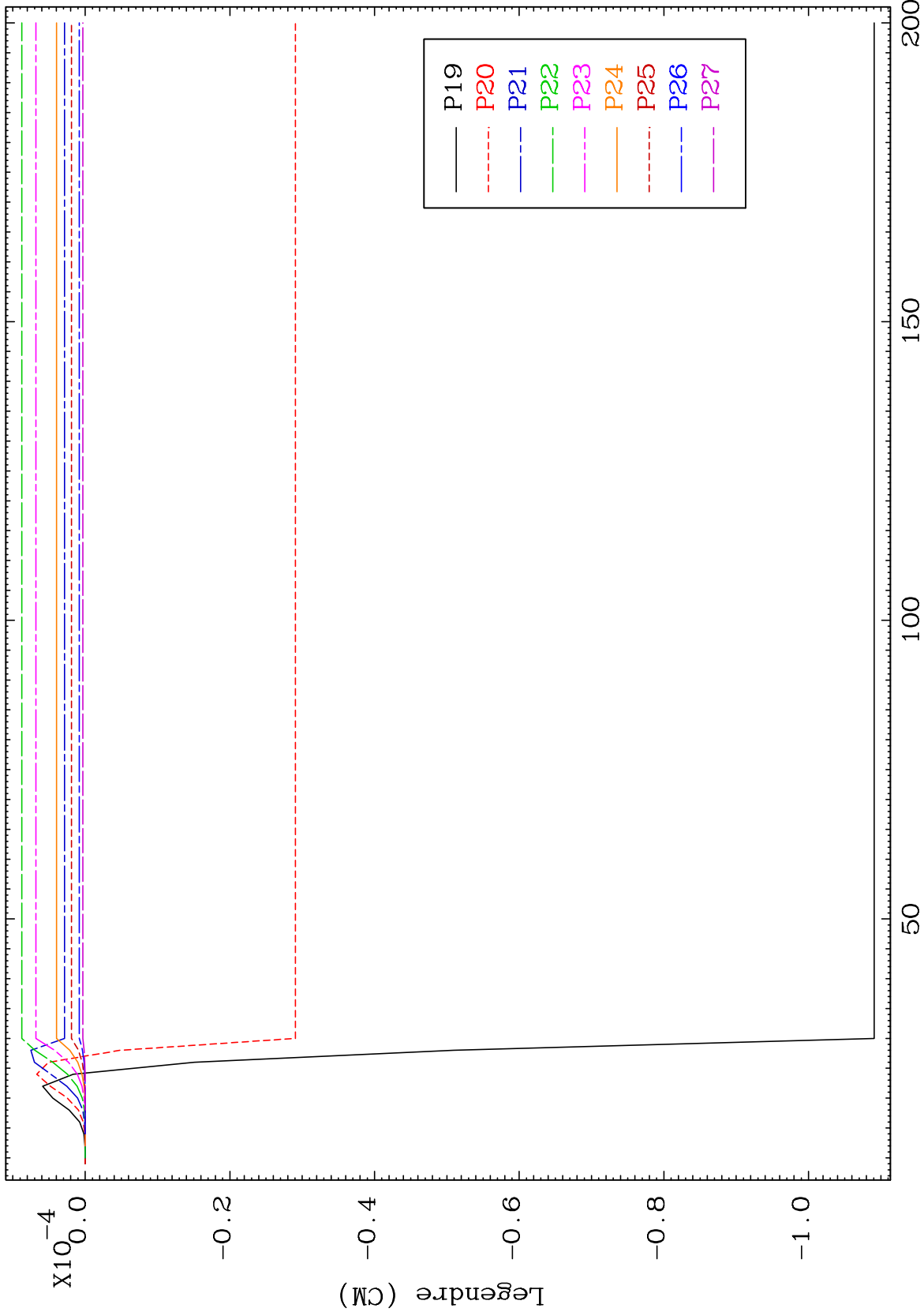
46-Pd-112

MAT 4655

MT= 73 (n,n') Level

46-Pd-112

Legendre Coefficients



101

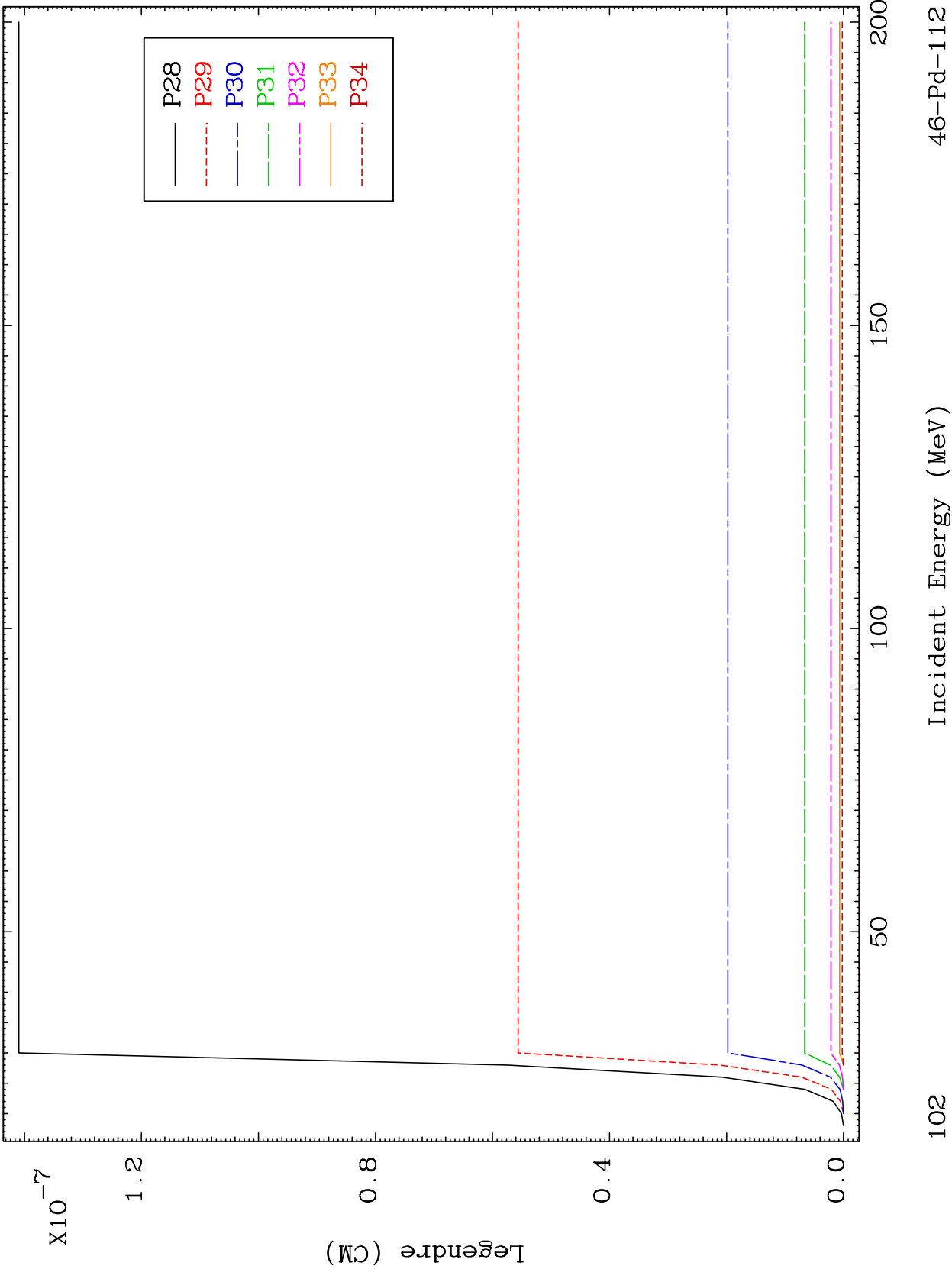
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



102

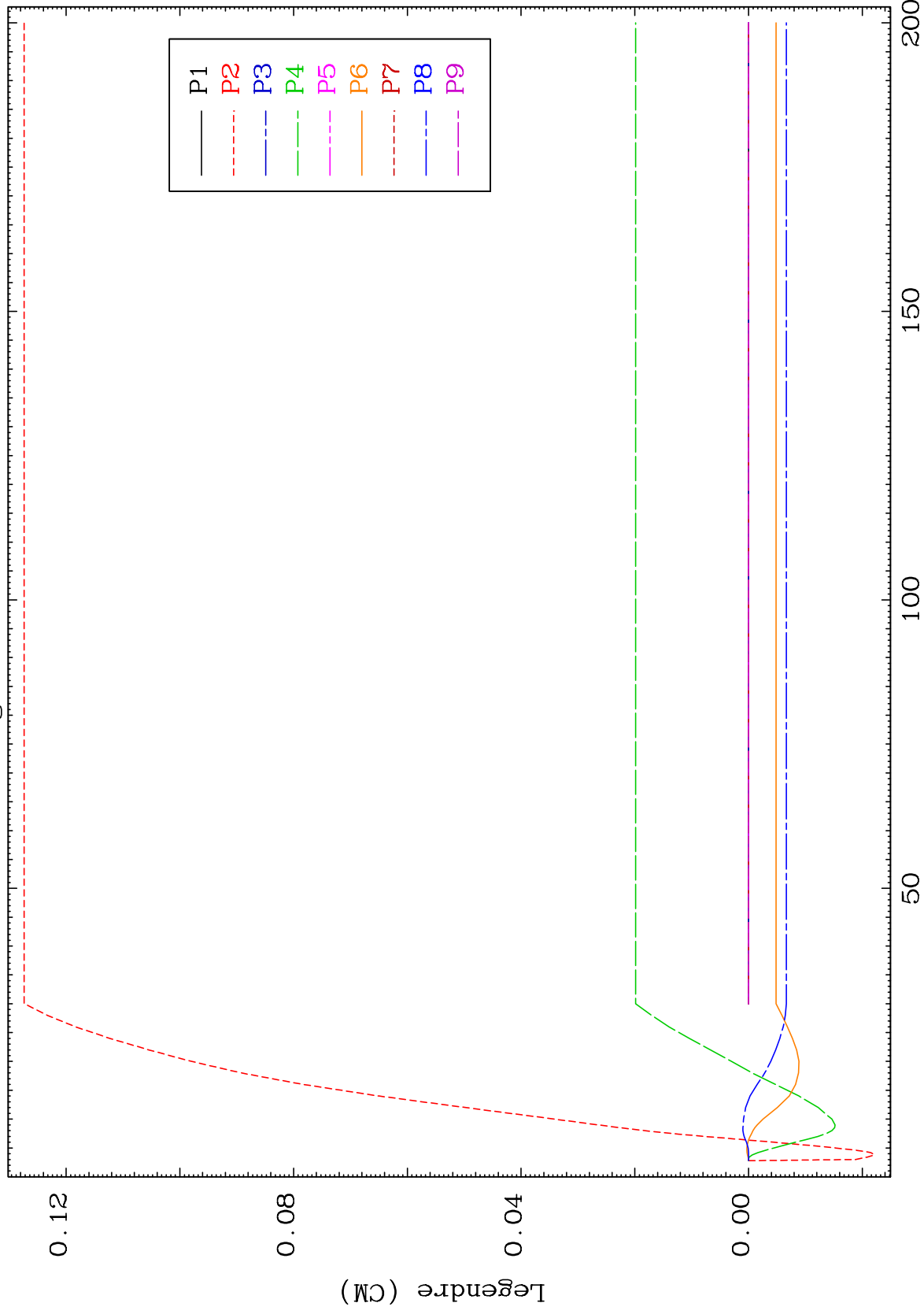
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



103

Incident Energy (MeV)

46-Pd-112

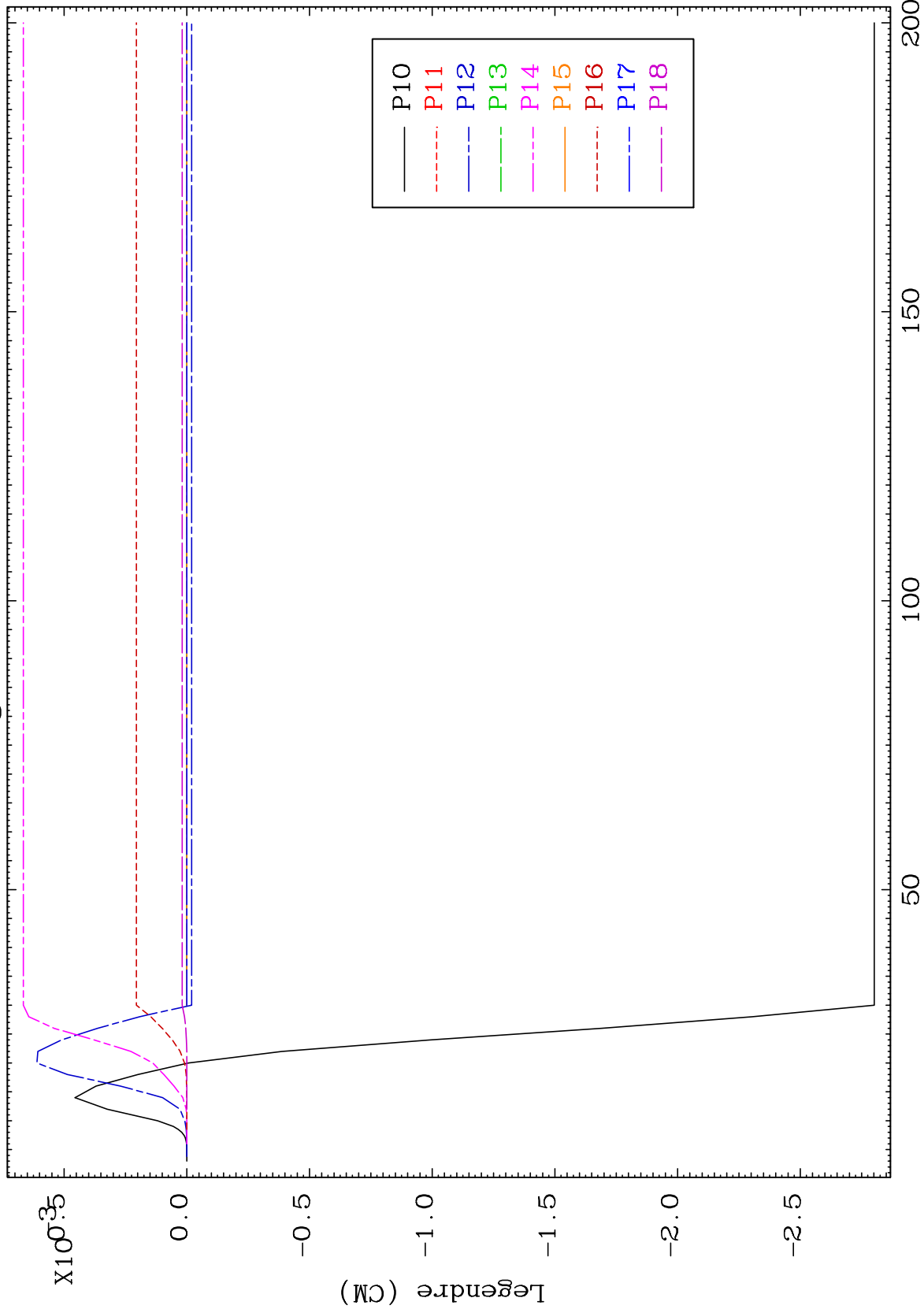


MAT 4655

MT= 74 (n,n') Level

46-Pd-112

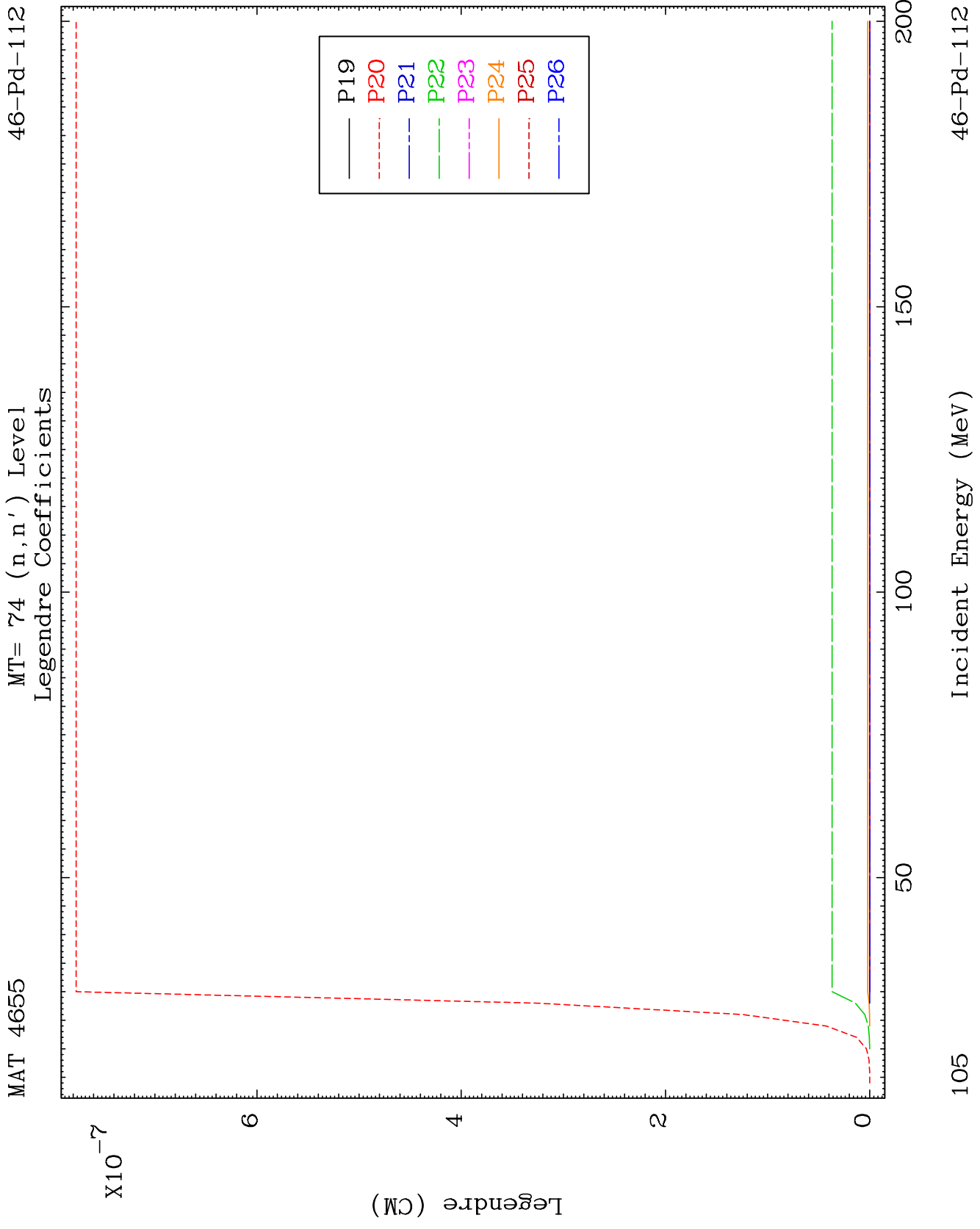
Legendre Coefficients



104

Incident Energy (MeV)

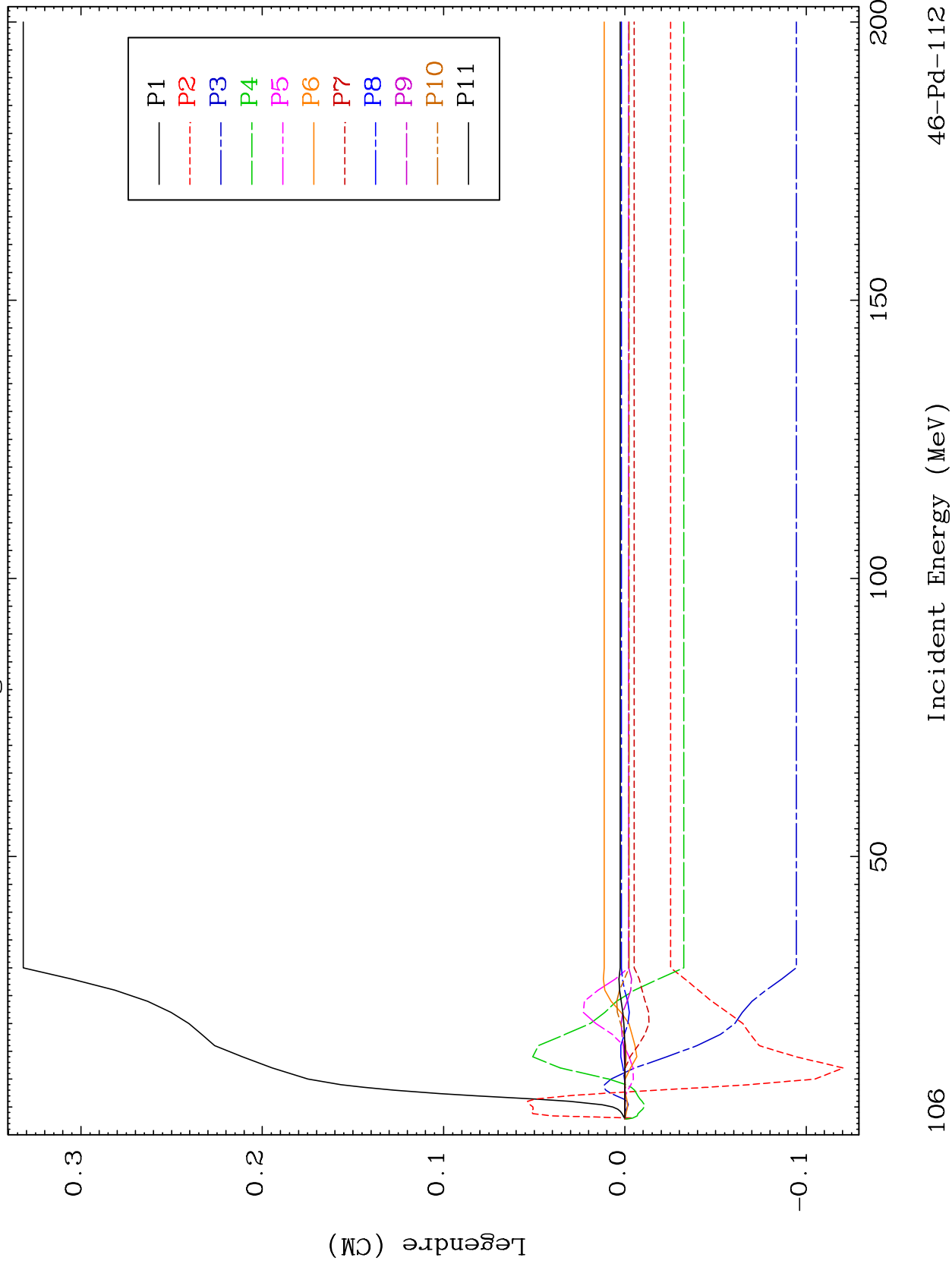
46-Pd-112



MAT 4655

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

46-Pd-112



106

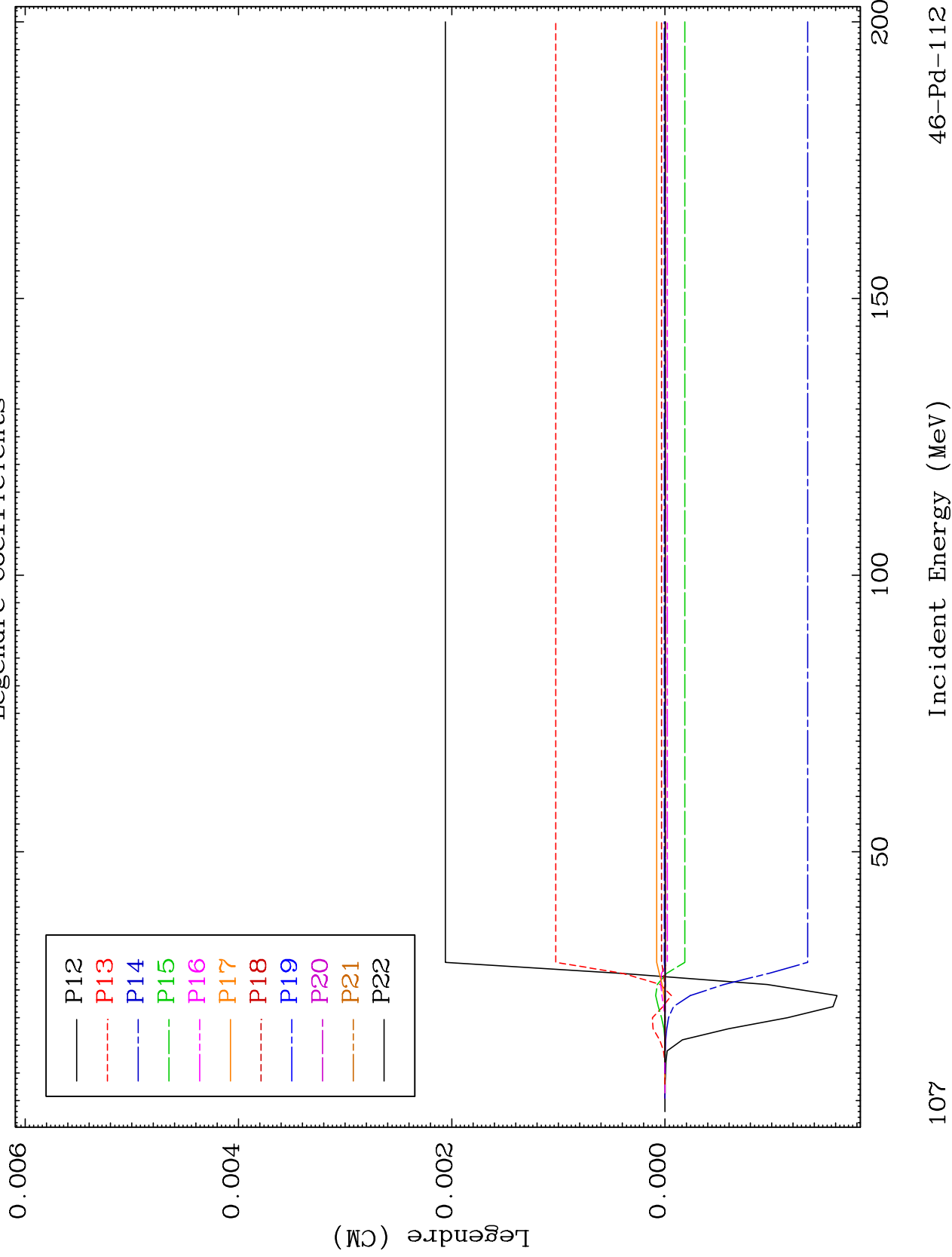
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



107

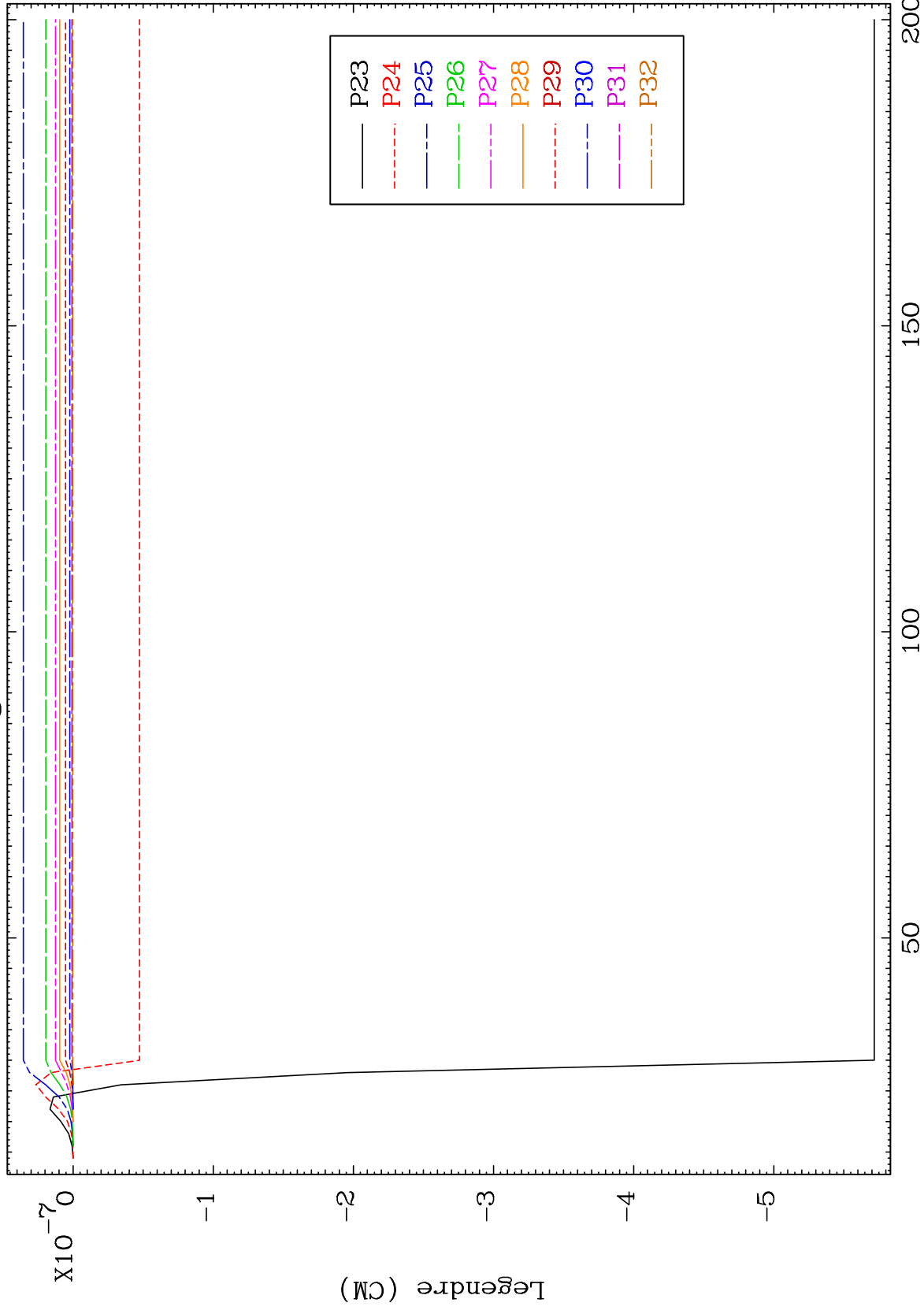
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



108

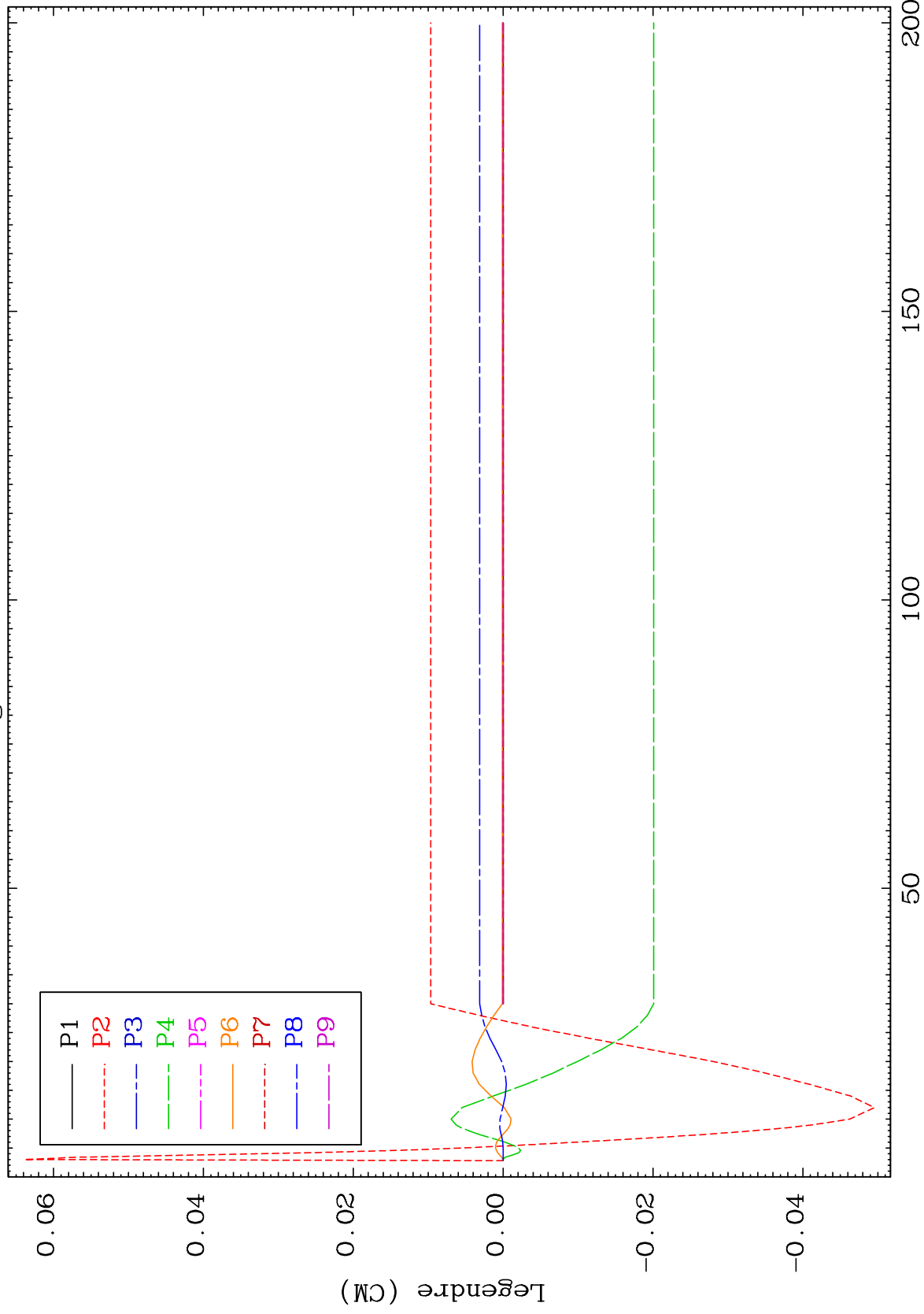
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



46-Pd-112

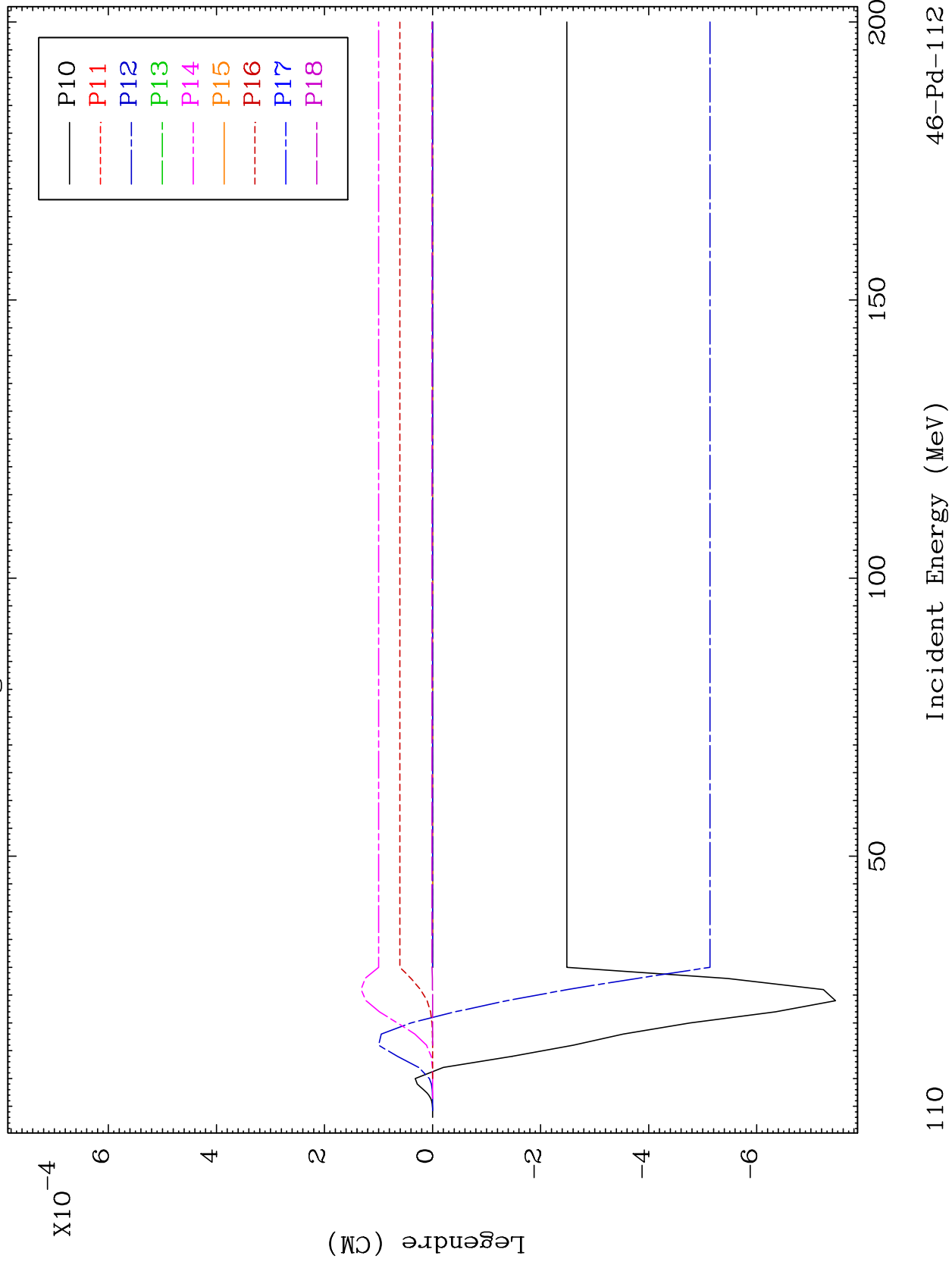
Incident Energy (MeV)

109

MAT 4655

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

46-Pd-112



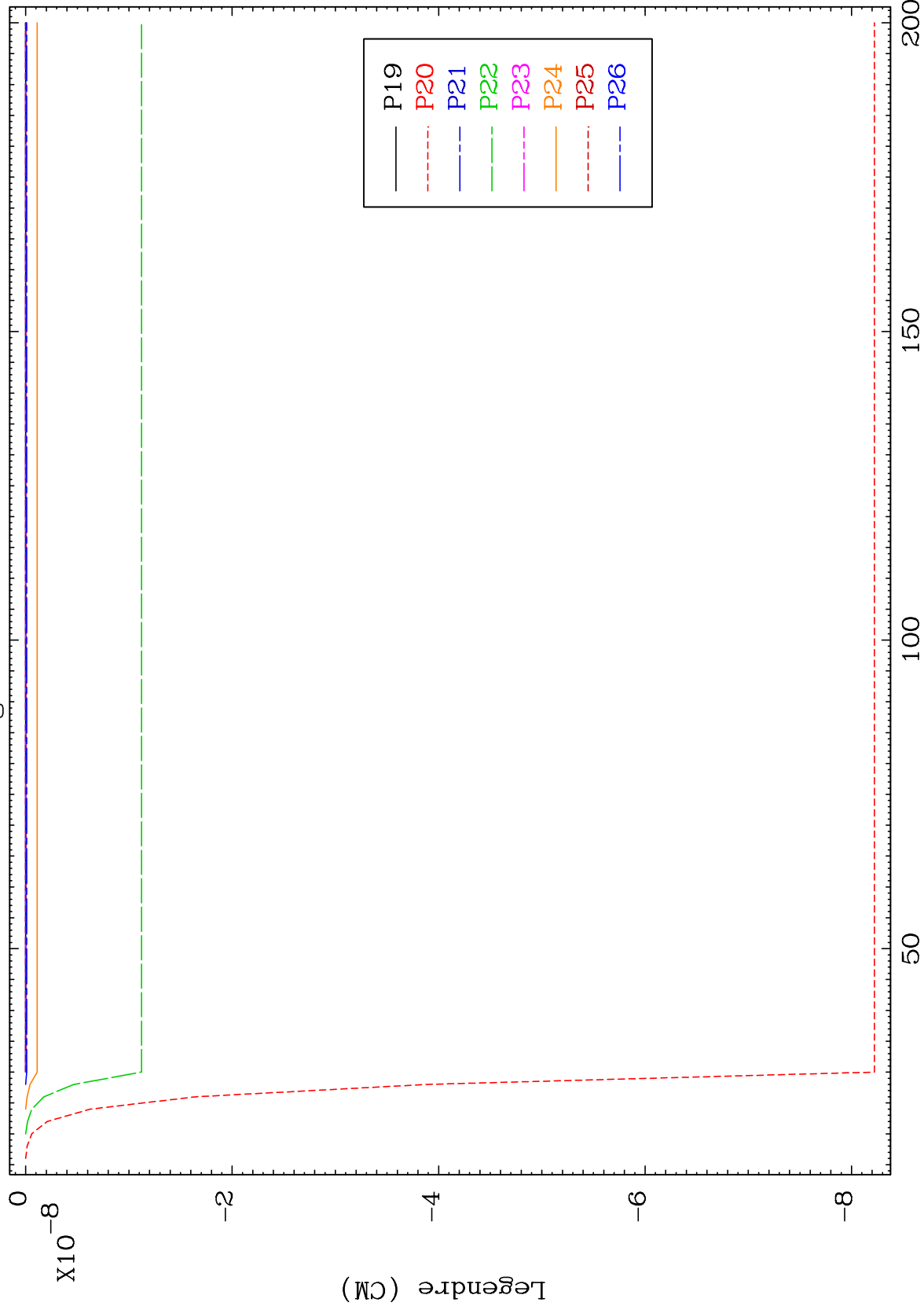
46-Pd-112

MAT 4655

MT= 76 (n,n') Level

46-Pd-112

Legendre Coefficients

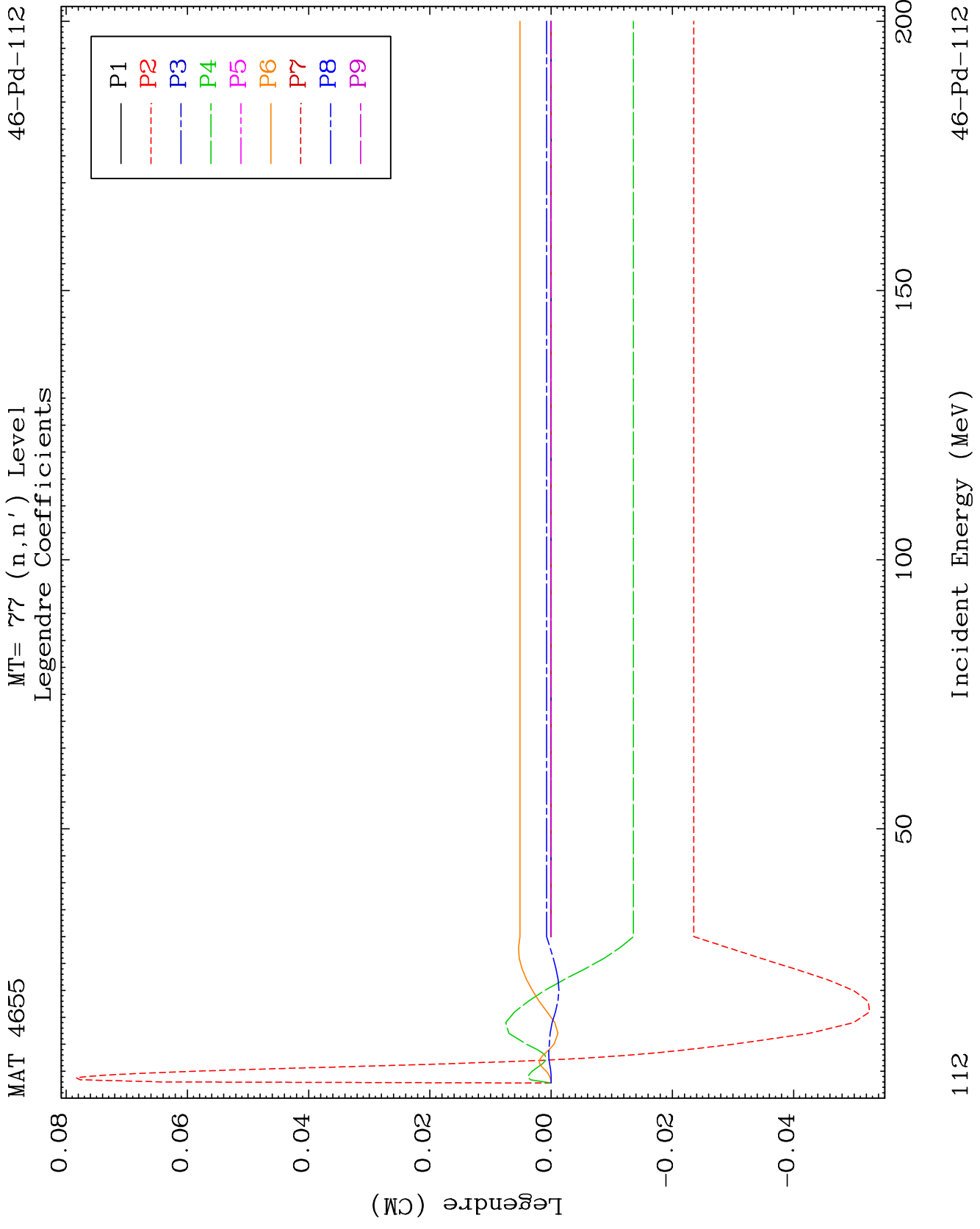


111

Incident Energy (MeV)

46-Pd-112

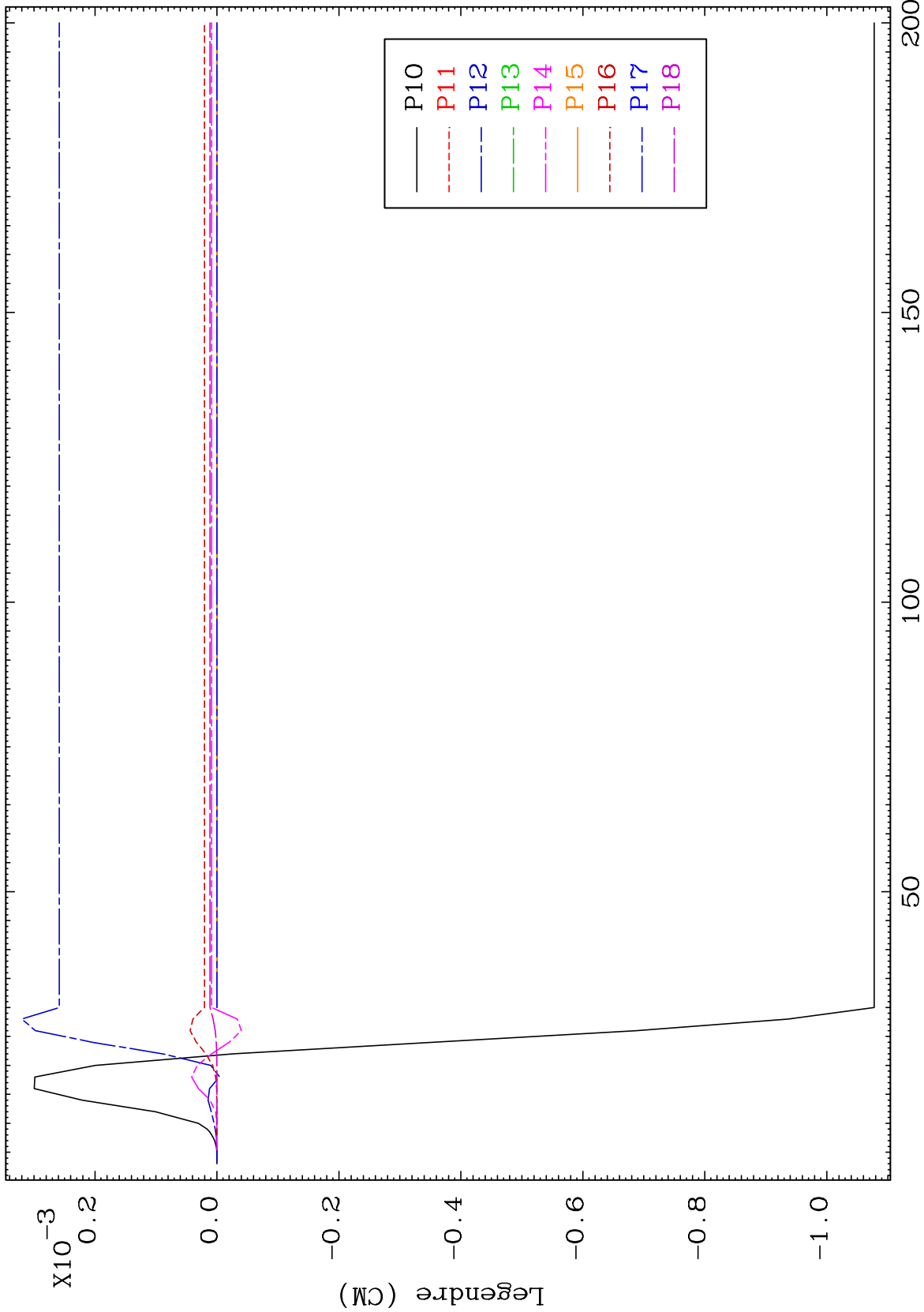




MAT 4655

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

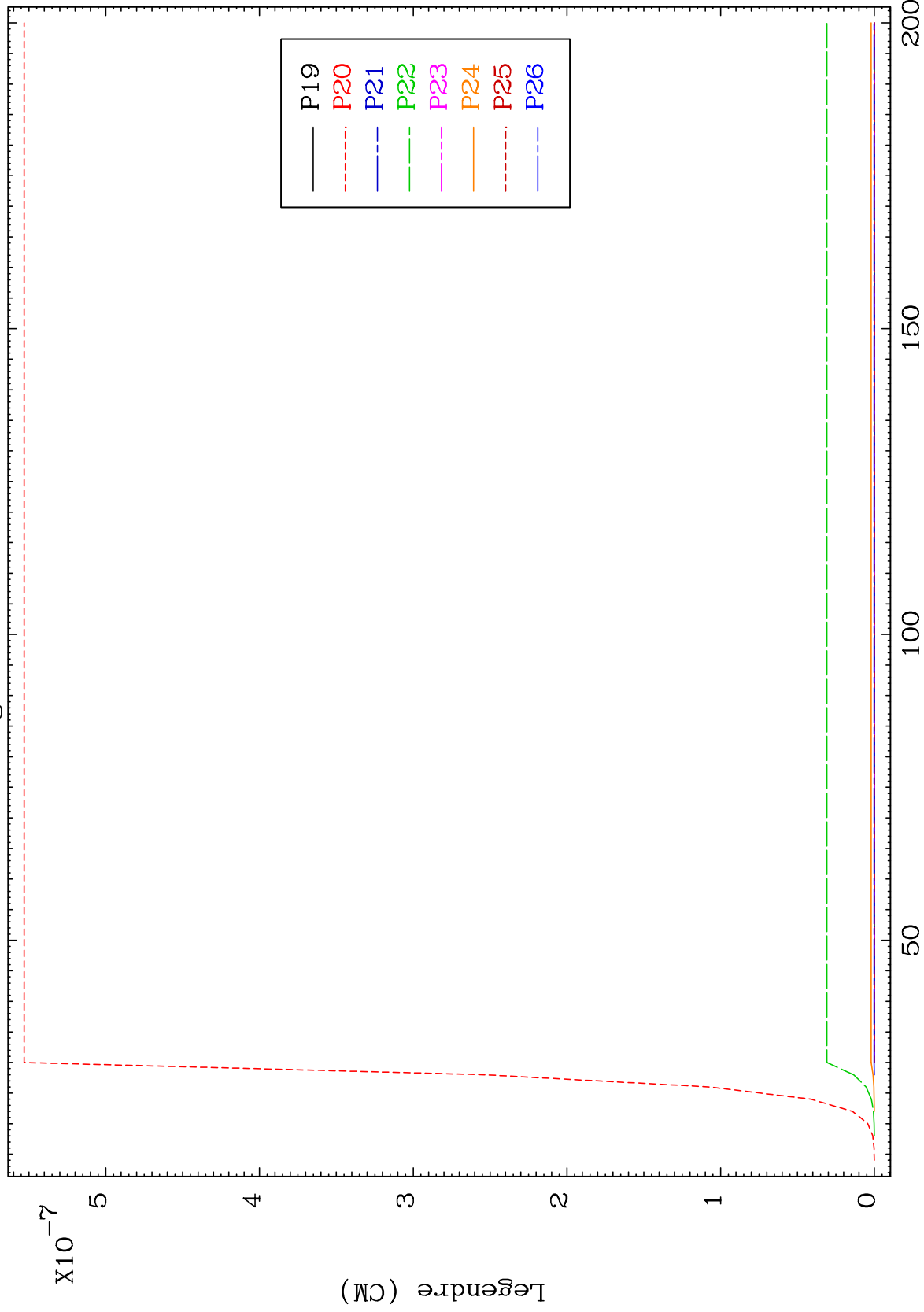
46-Pd-112



MAT 4655

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

46-Pd-112



114

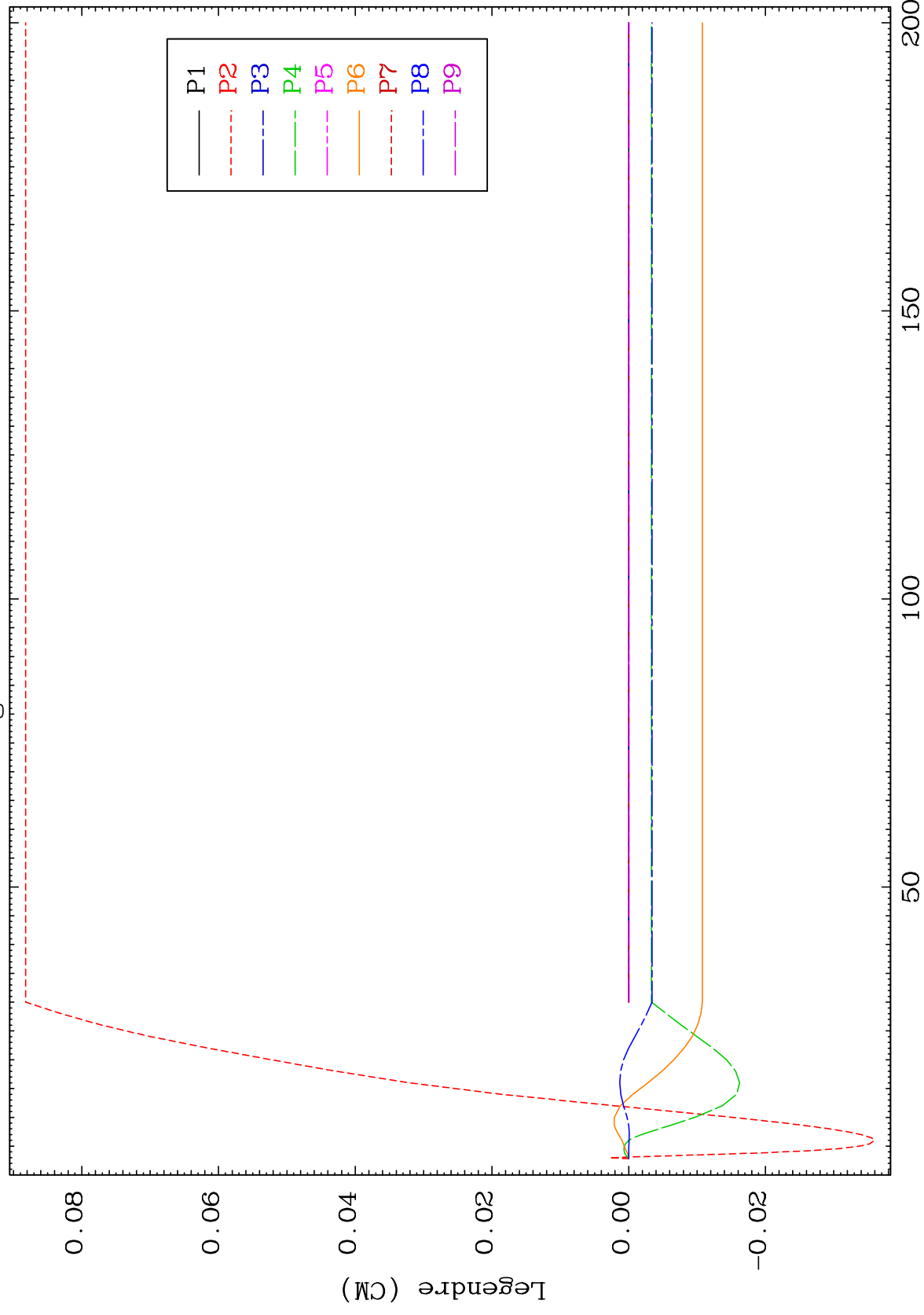
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



115

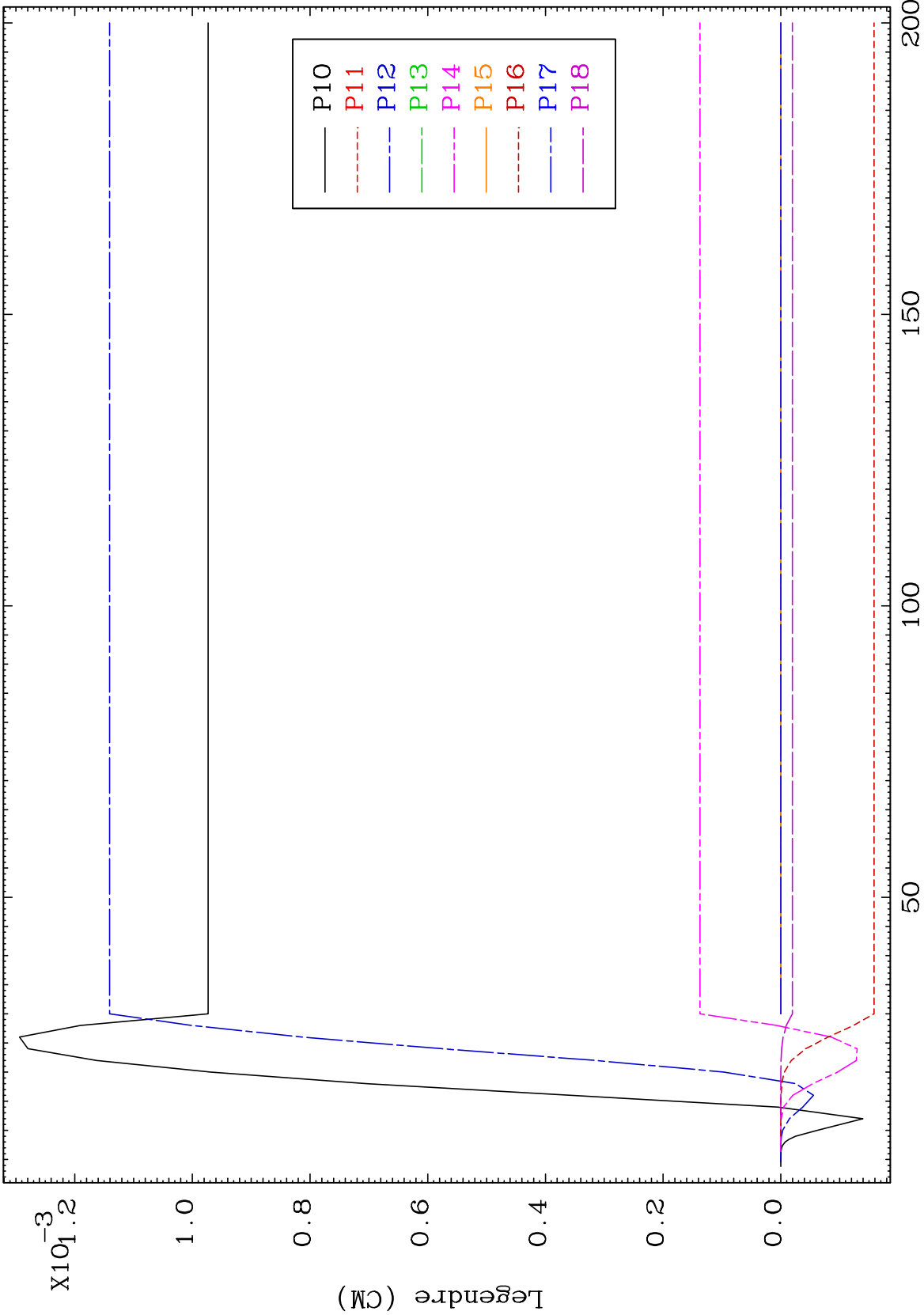
Incident Energy (MeV)

46-Pd-112

MAT 4655

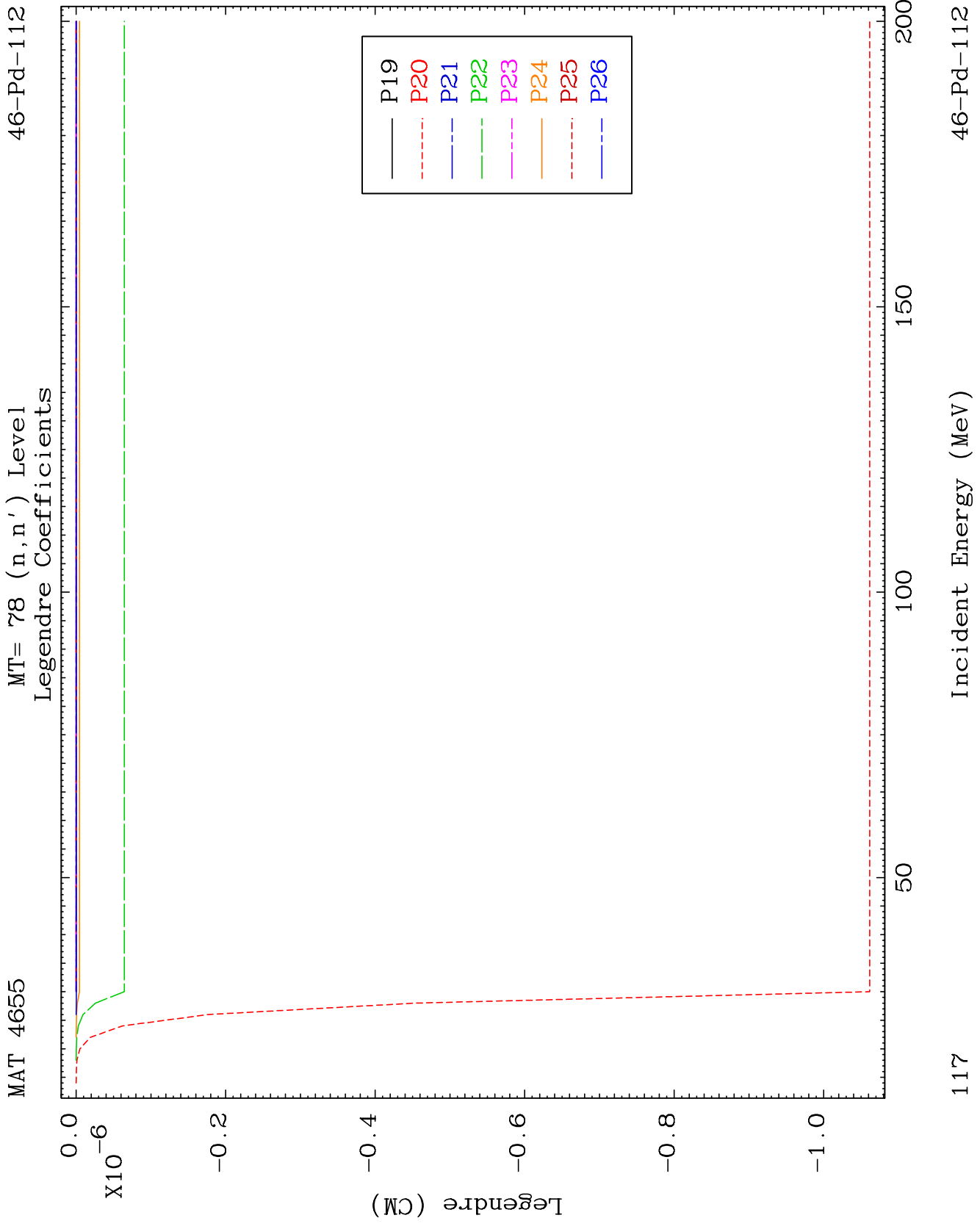
MT= 78 (n,n') Level  
Legendre Coefficients

46-Pd-112



116

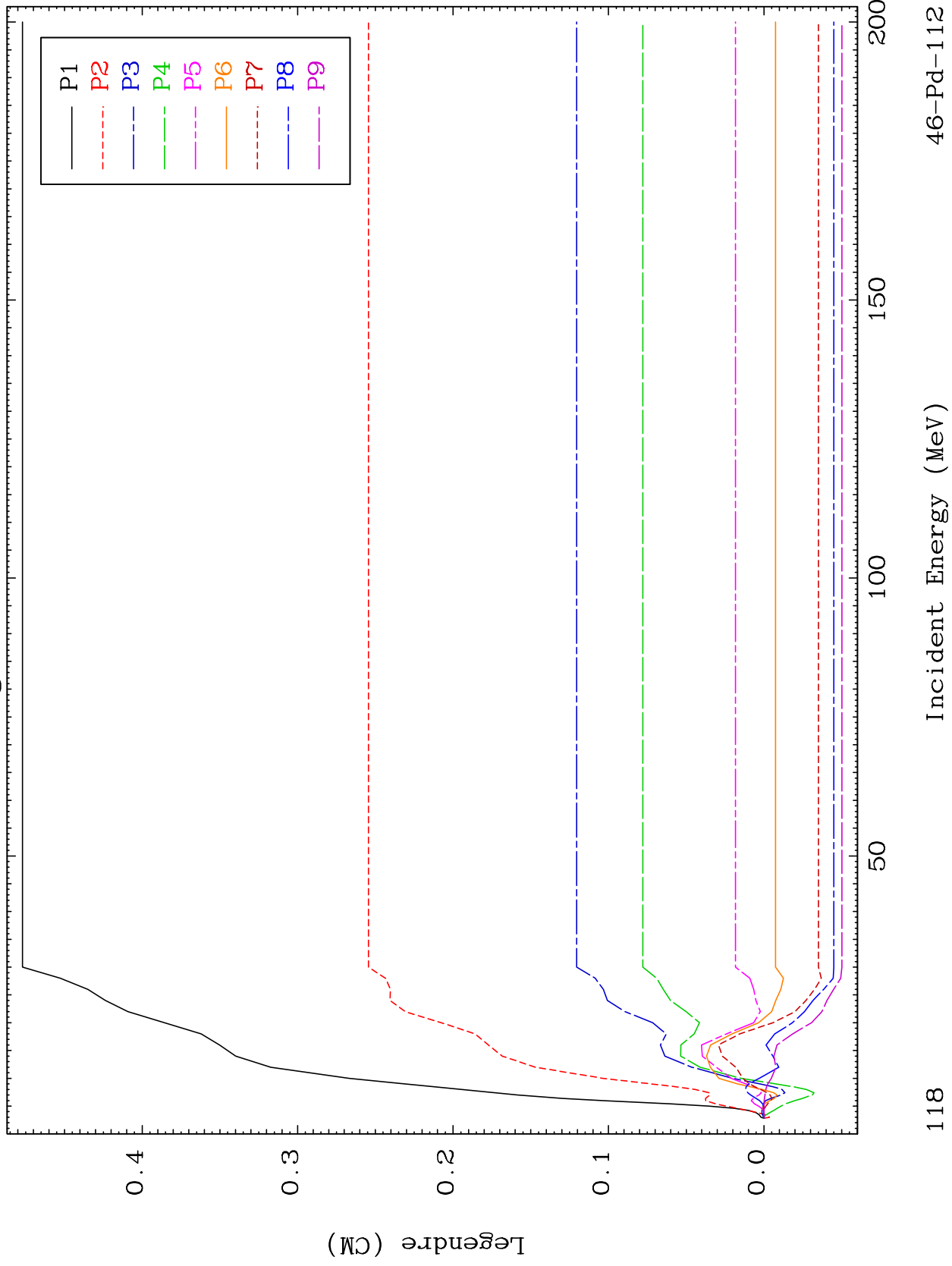
46-Pd-112



MAT 4655

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

46-Pd-112



118

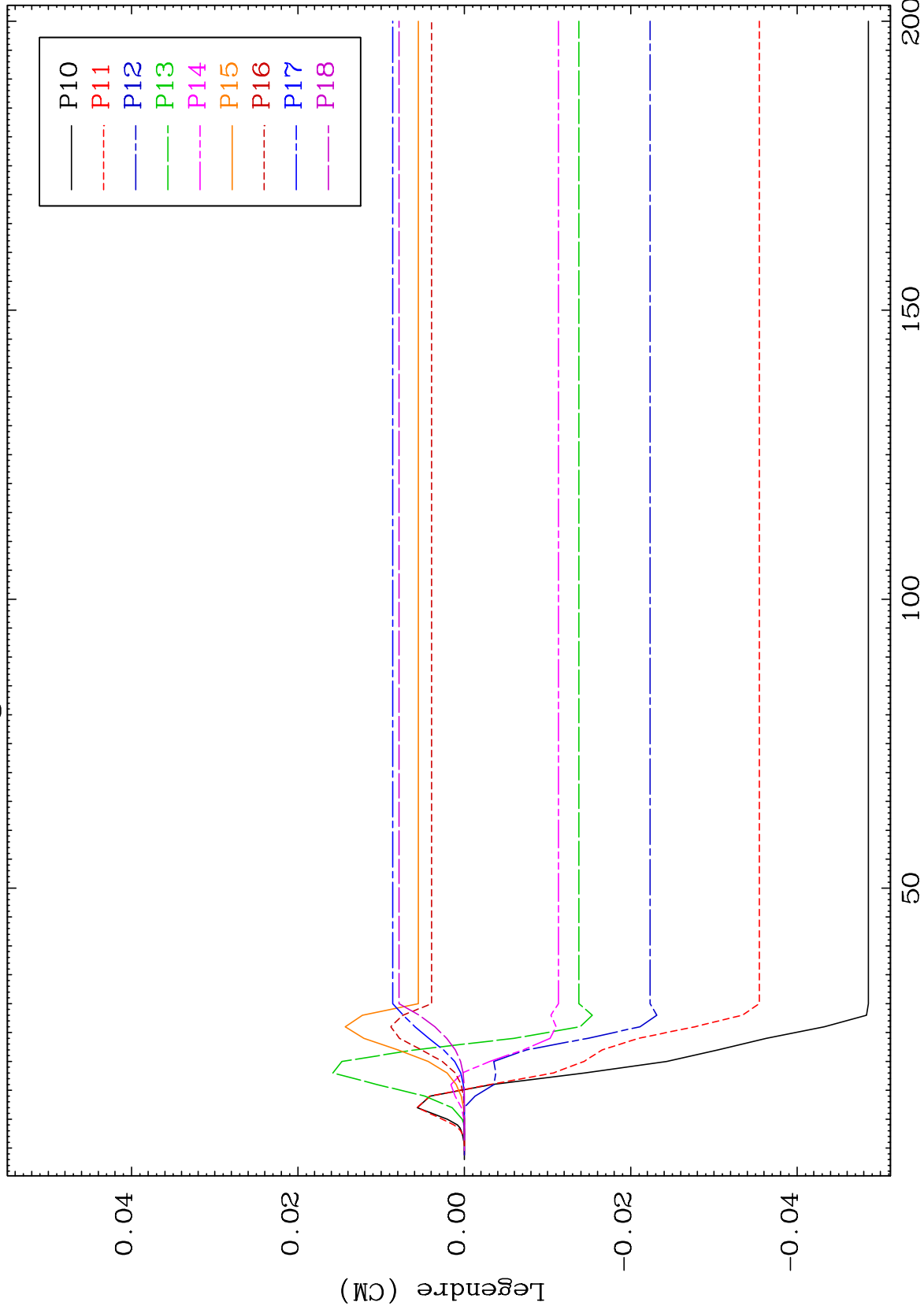
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



119

Incident Energy (MeV)

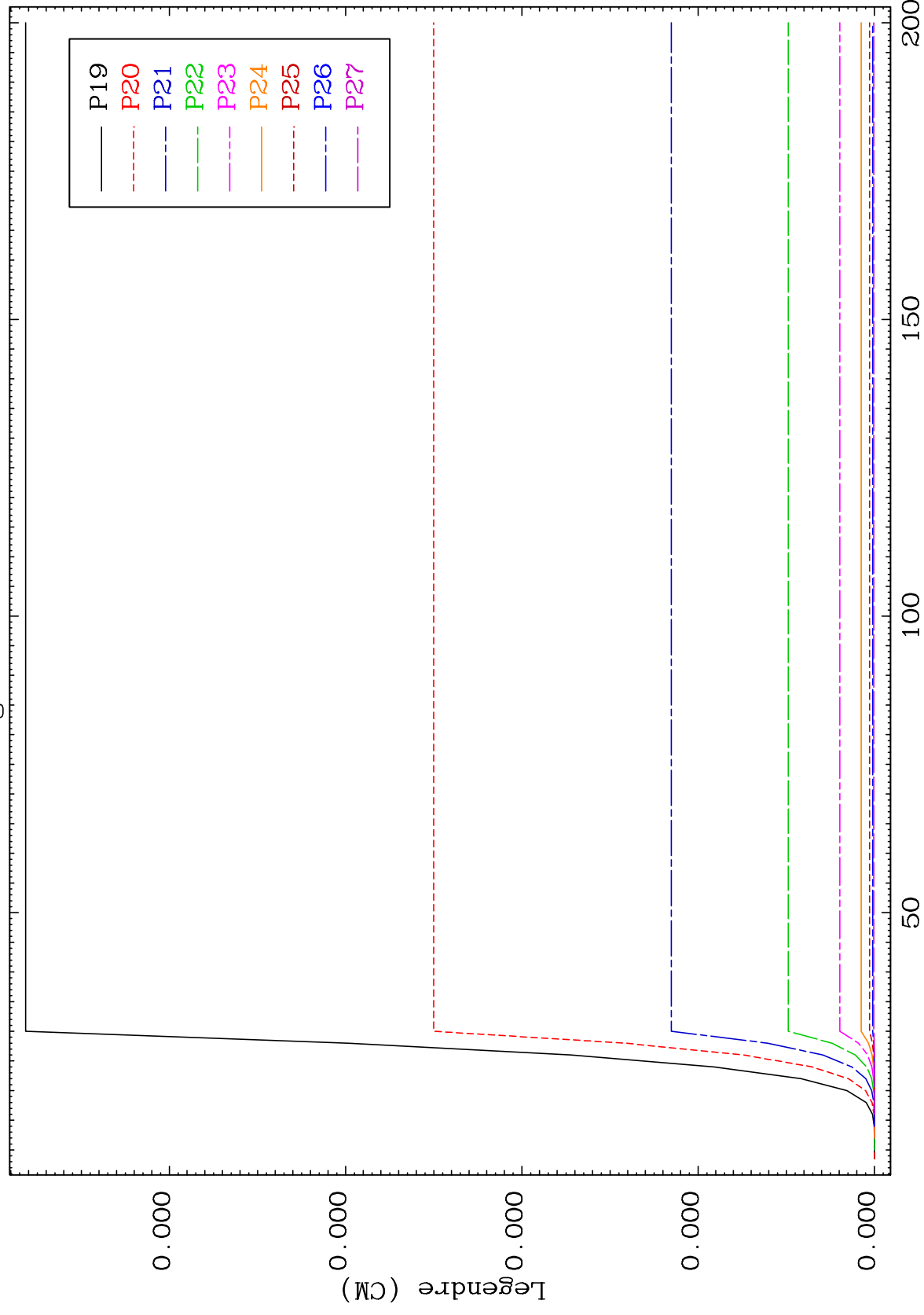
46-Pd-112



MAT 4655

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

46-Pd-112



120

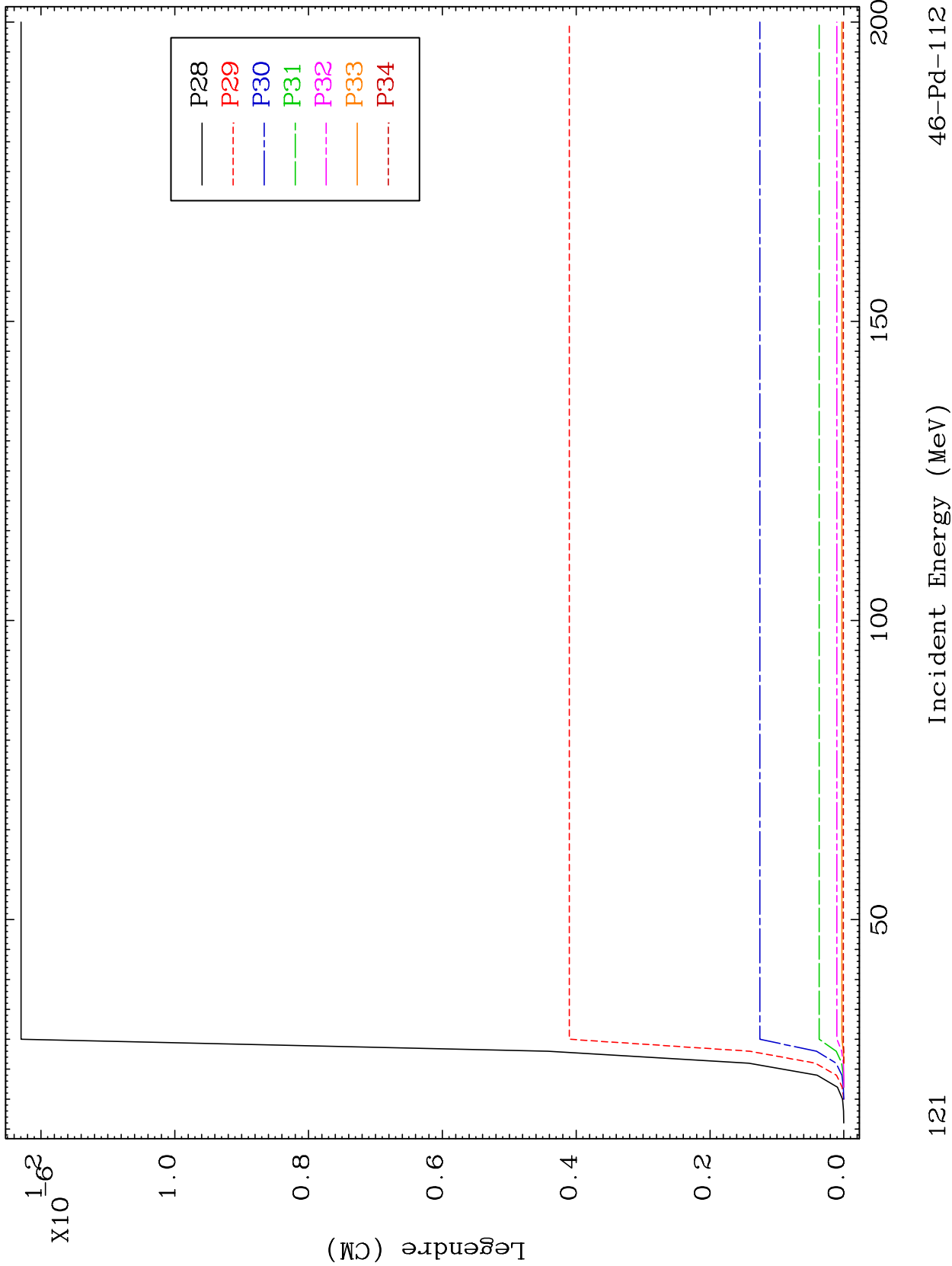
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

46-Pd-112



121

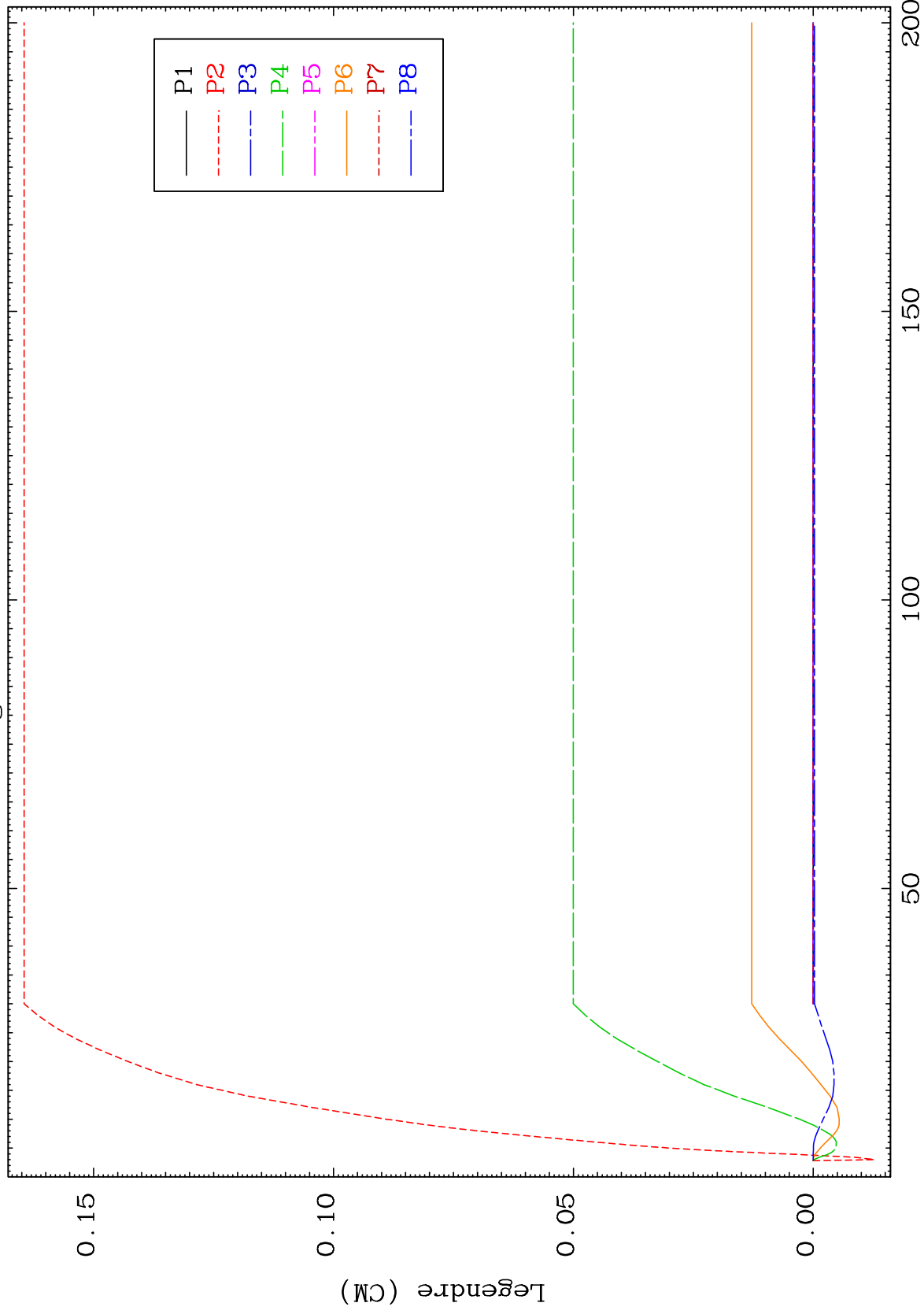
Incident Energy (MeV)

46-Pd-112

MAT 4655

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

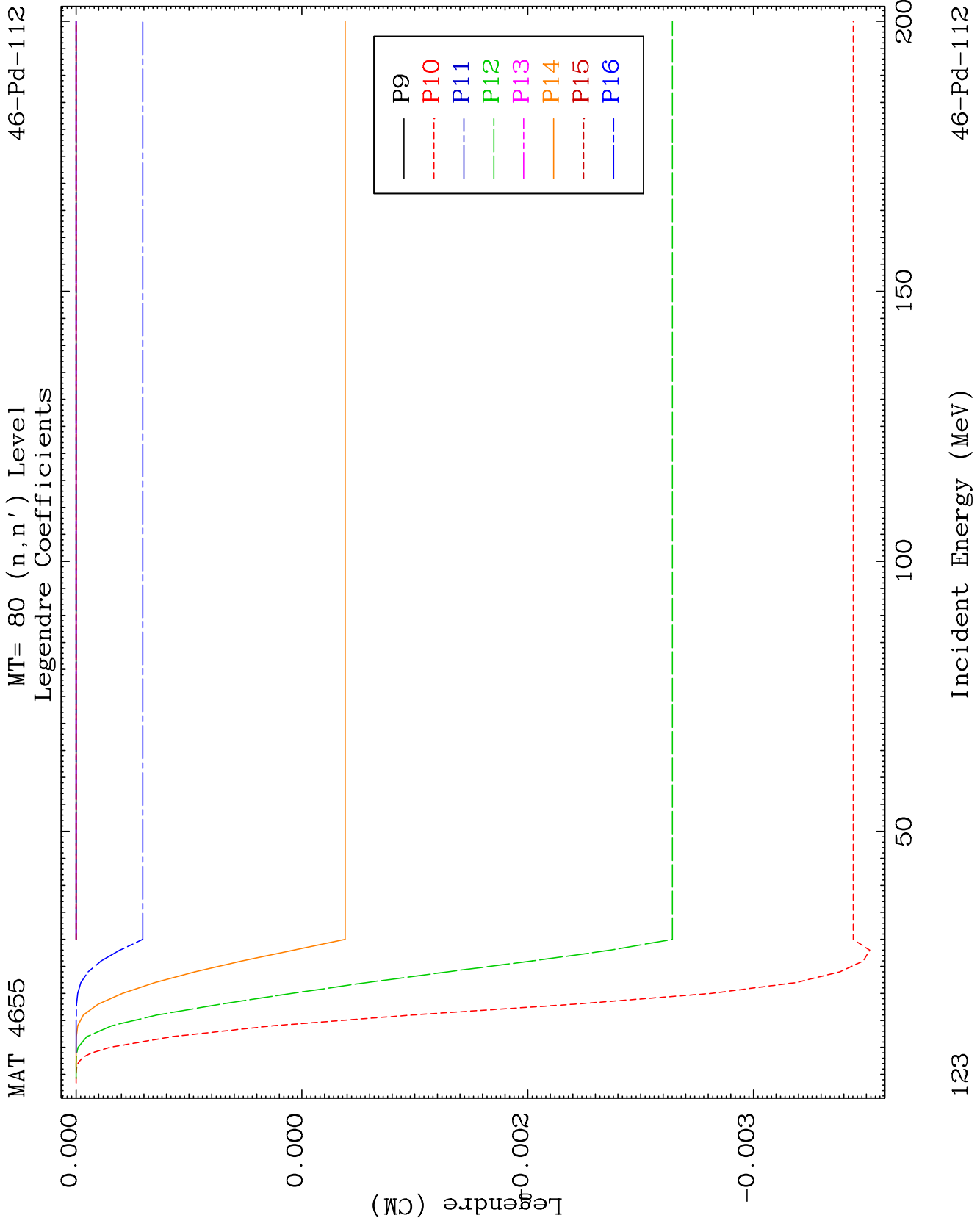
46-Pd-112

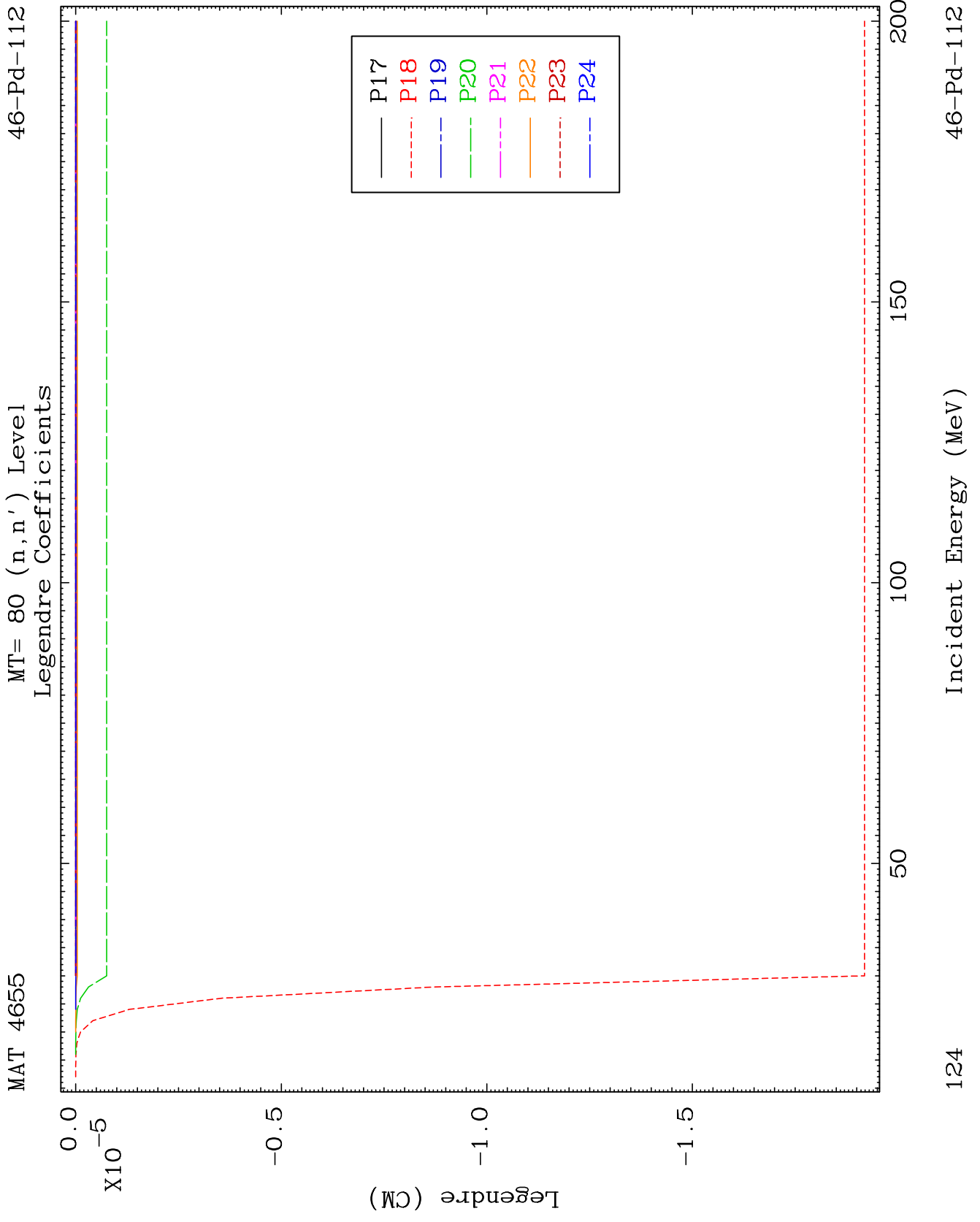


122

Incident Energy (MeV)

46-Pd-112

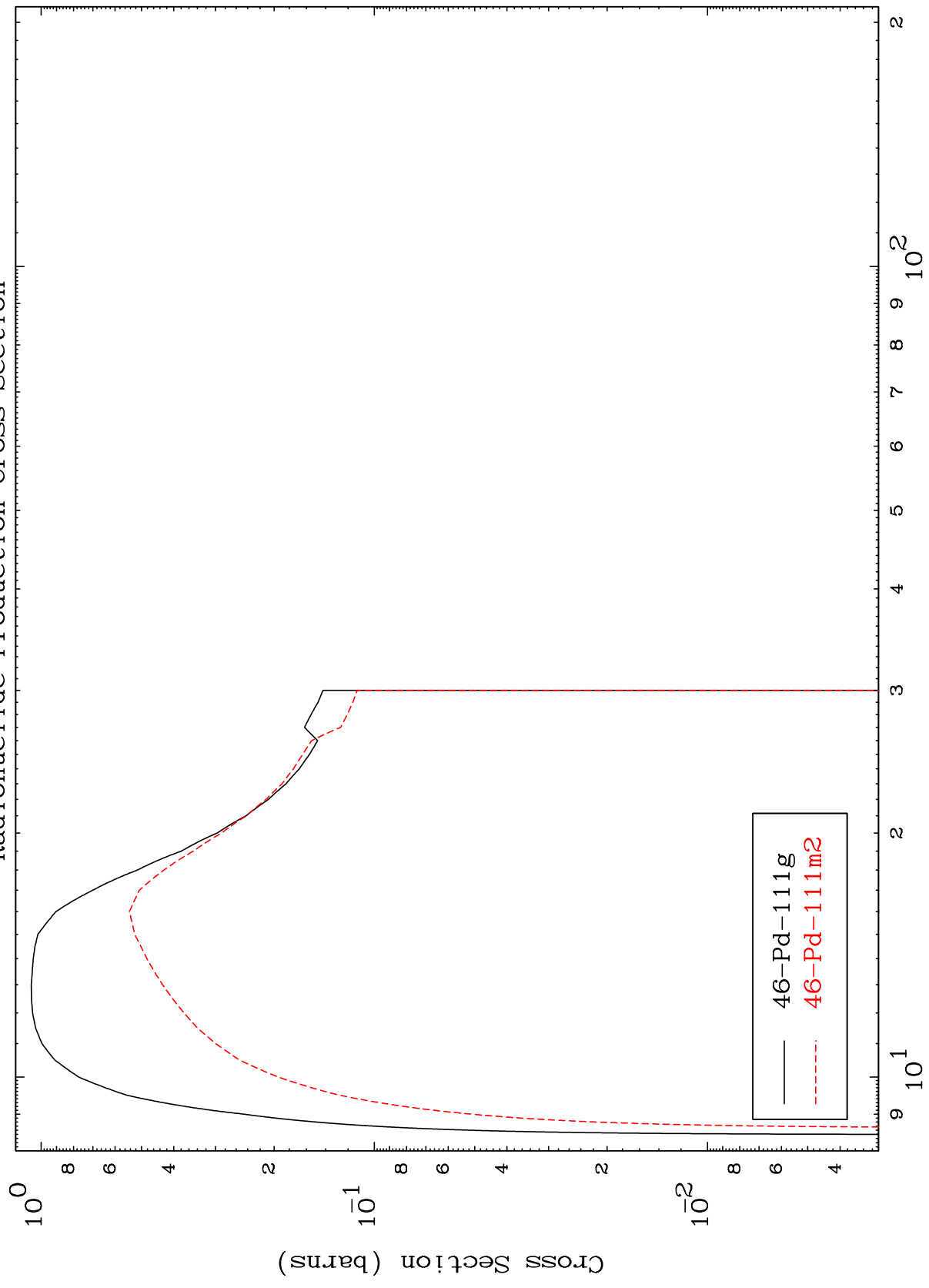




MAT 4655

46-Pd-112

(n,2n)  
Radionuclide Production Cross Section



46-Pd-111g  
46-Pd-111m2

46-Pd-112

Incident Energy (MeV)

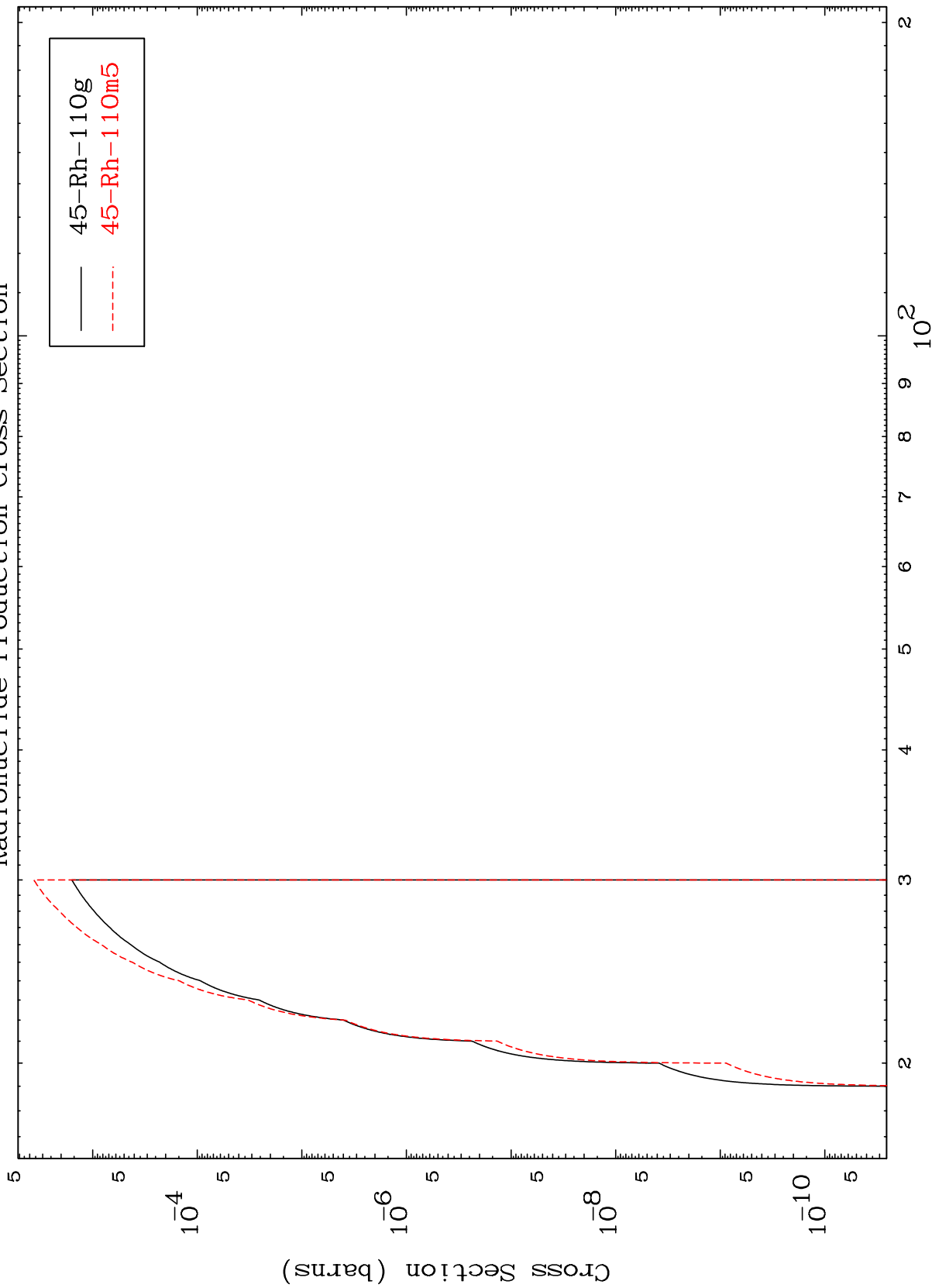
125

MAT 4655

(n,n') d

46-Pd-112

Radionuclide Production Cross Section



126

Incident Energy (MeV)

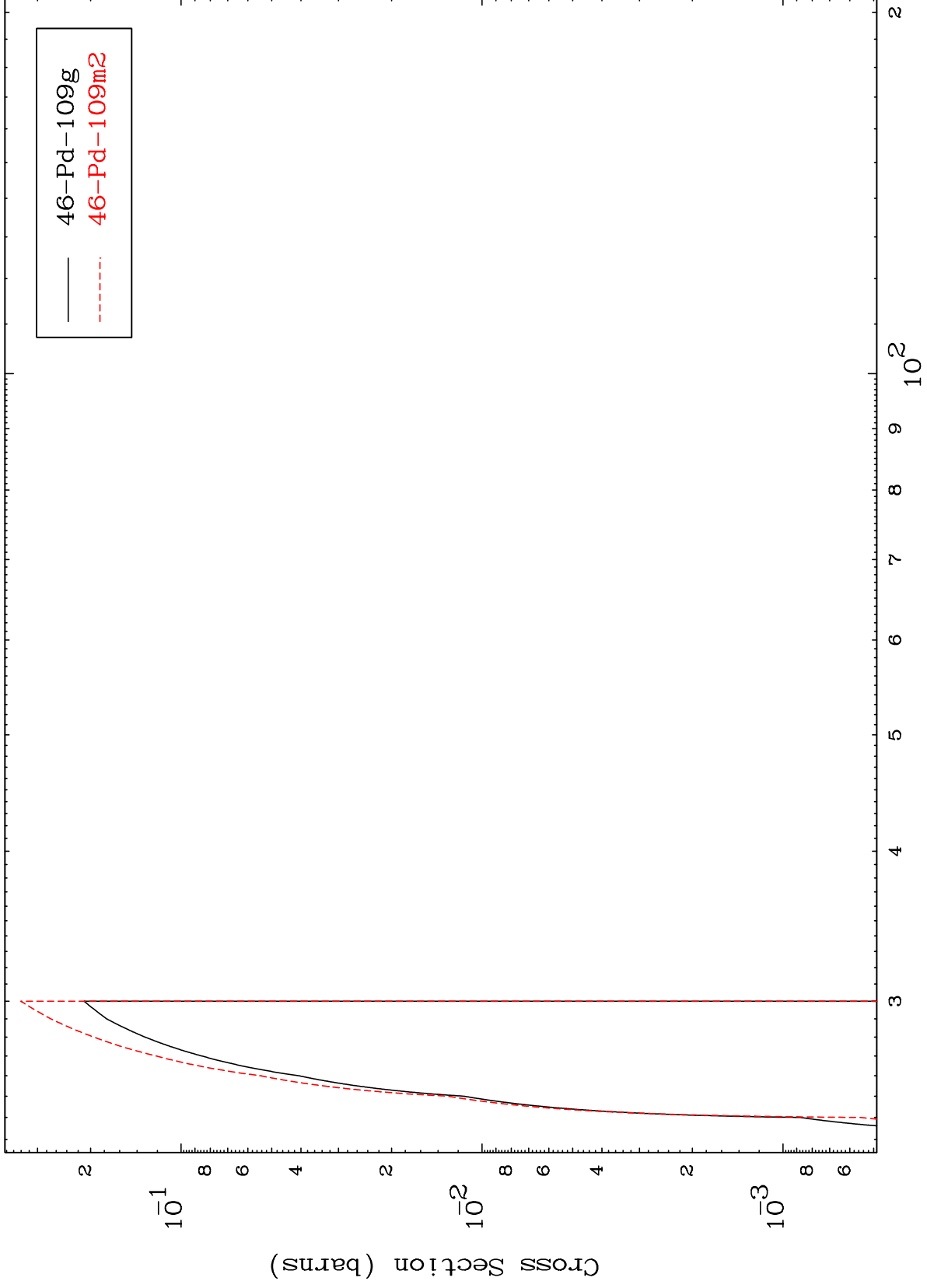
46-Pd-112

MAT 4655

(n,4n)

46-Pd-112

Radionuclide Production Cross Section



127

Incident Energy (MeV)

46-Pd-112

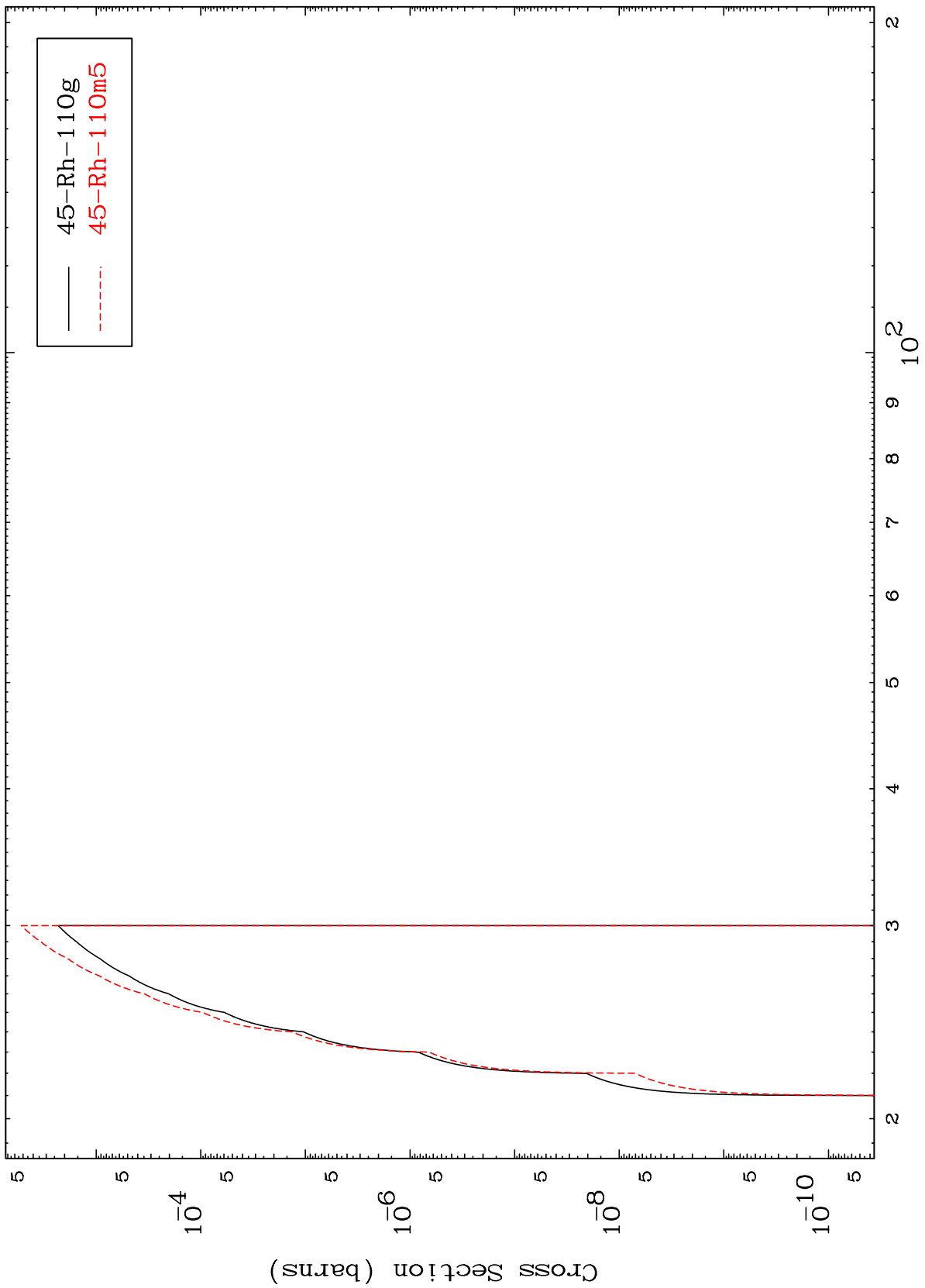


MAT 4655

(n,2n) p

46-Pd-112

Radionuclide Production Cross Section



128

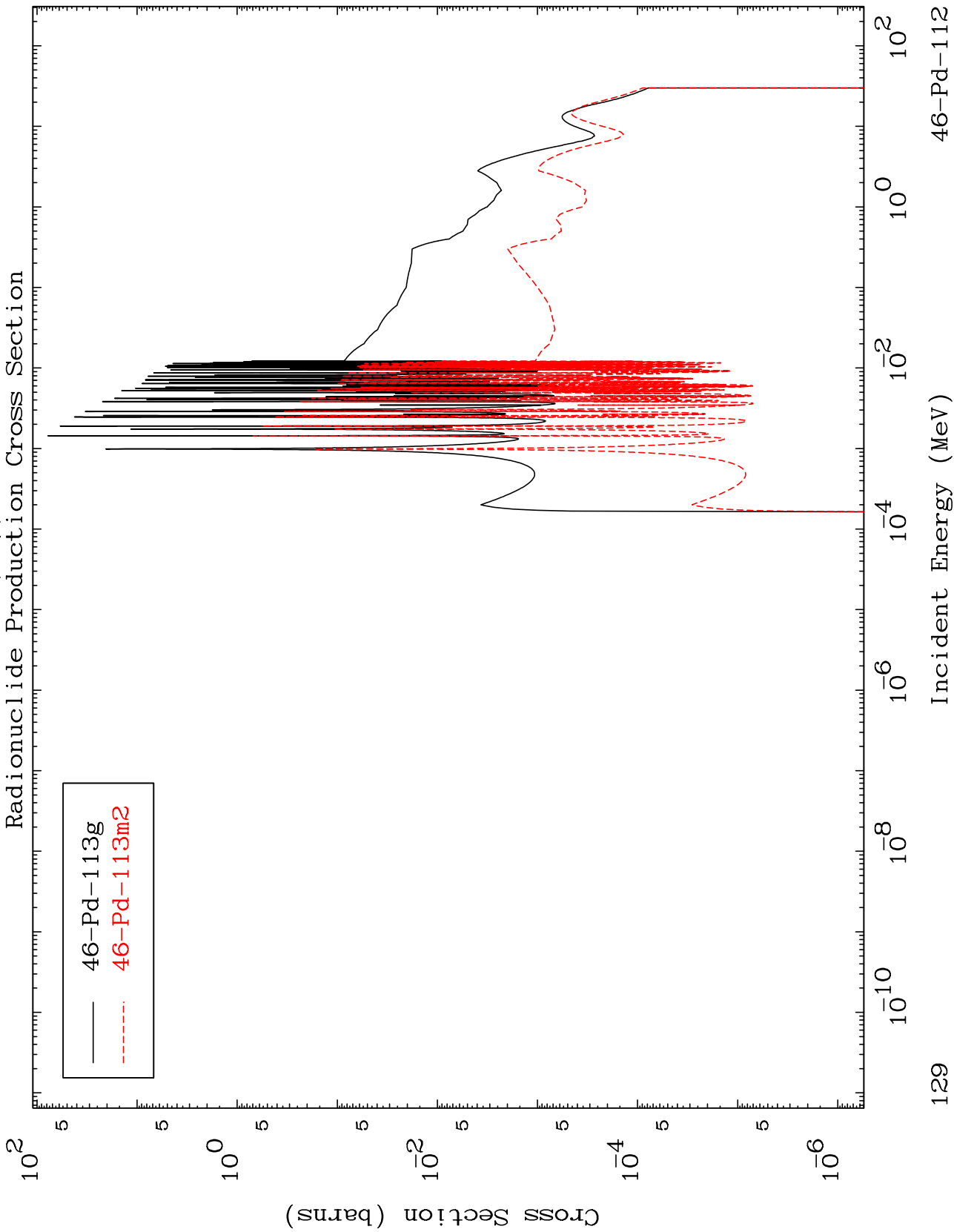
Incident Energy (MeV)

46-Pd-112

MAT 4655

46-Pd-112

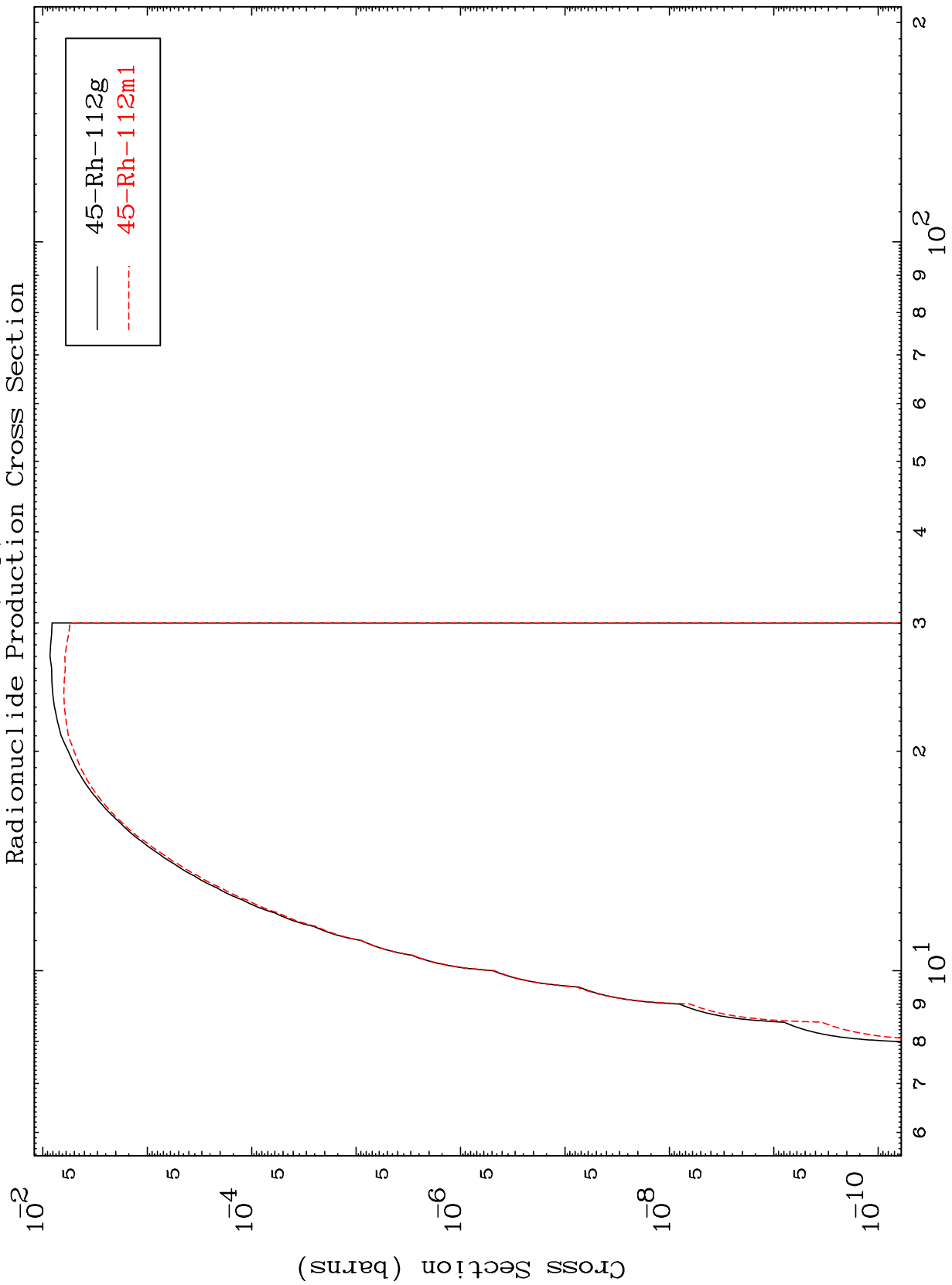
Radionuclide Production Cross Section  
(n,  $\gamma$ )



MAT 4655

46-Pd-112

(n,p)  
Radionuclide Production Cross Section



130

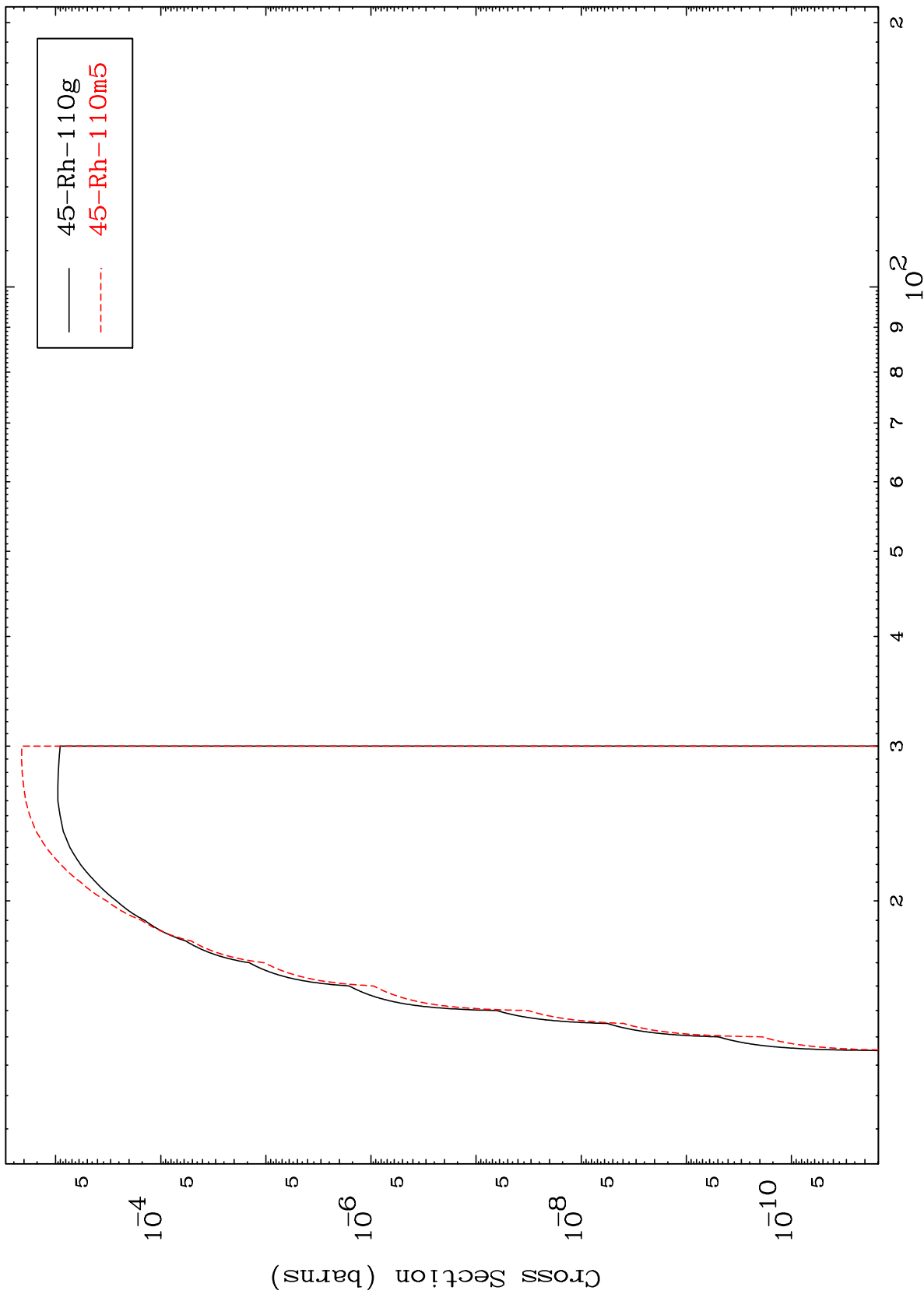
Incident Energy (MeV)

46-Pd-112

MAT 4655

46-Pd-112

(n,t)  
Radionuclide Production Cross Section



131

Incident Energy (MeV)

46-Pd-112