

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

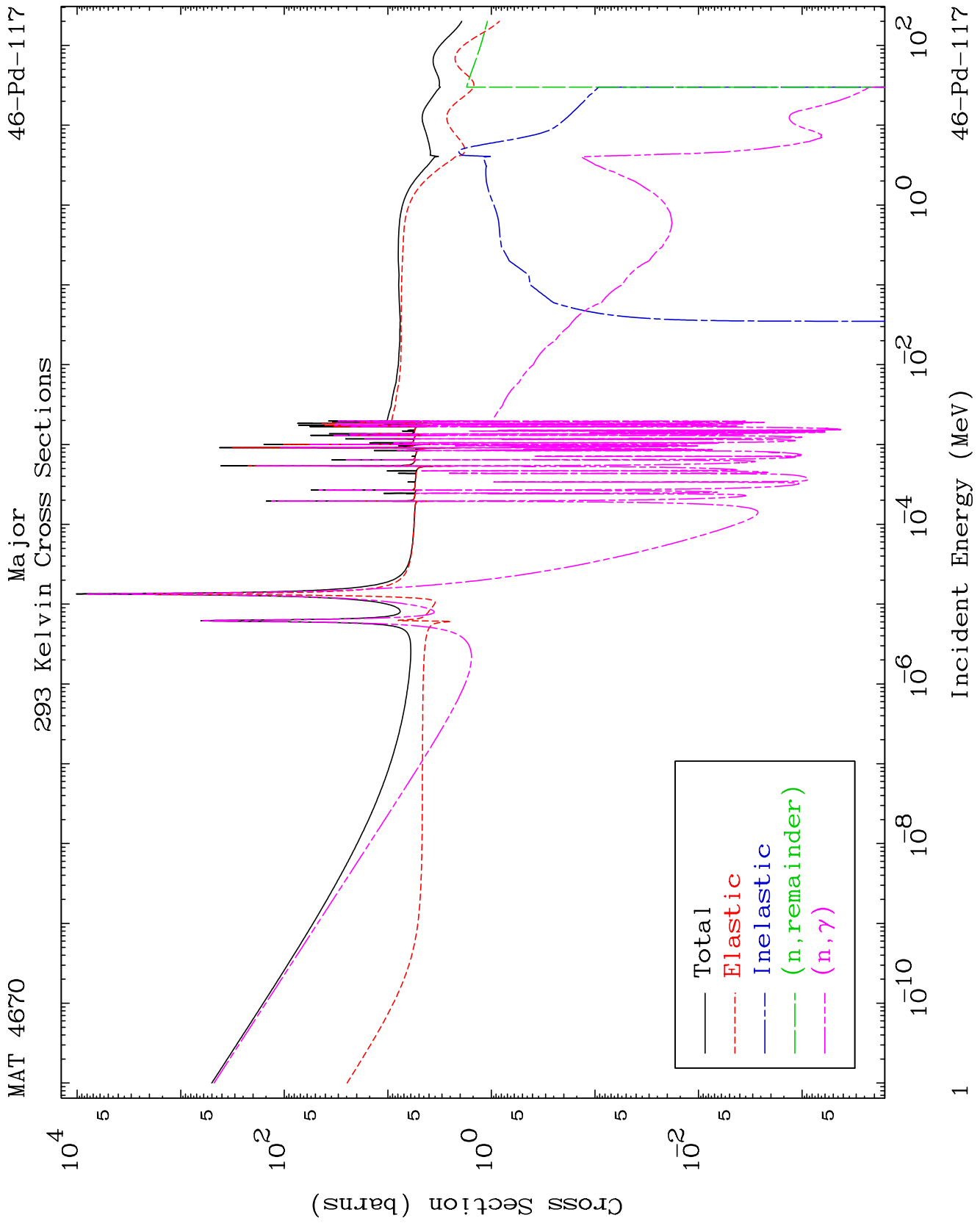
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

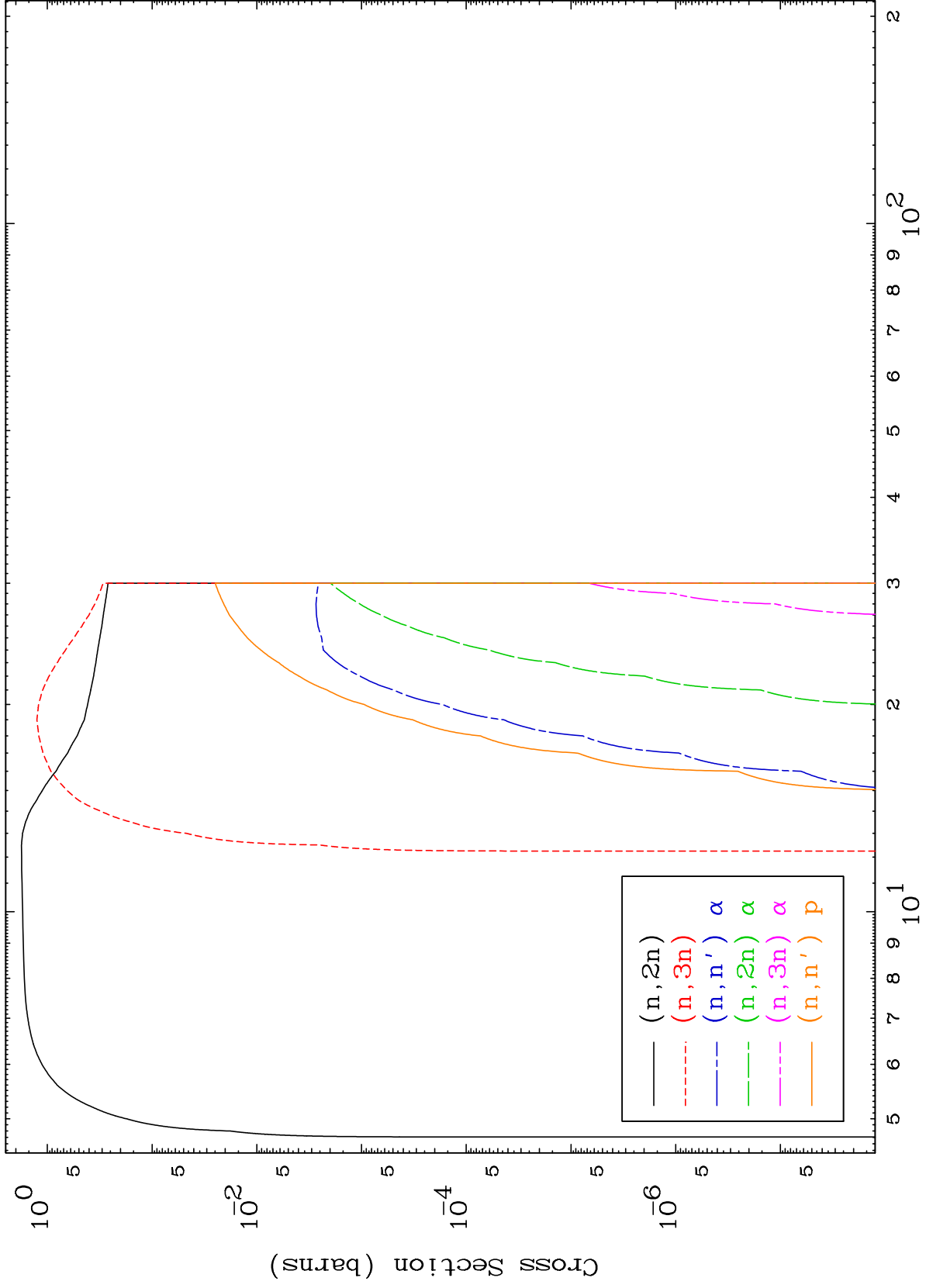
Press Mouse Button to Start



MAT 4670

Neutron Production  
293 Kelvin Cross Sections

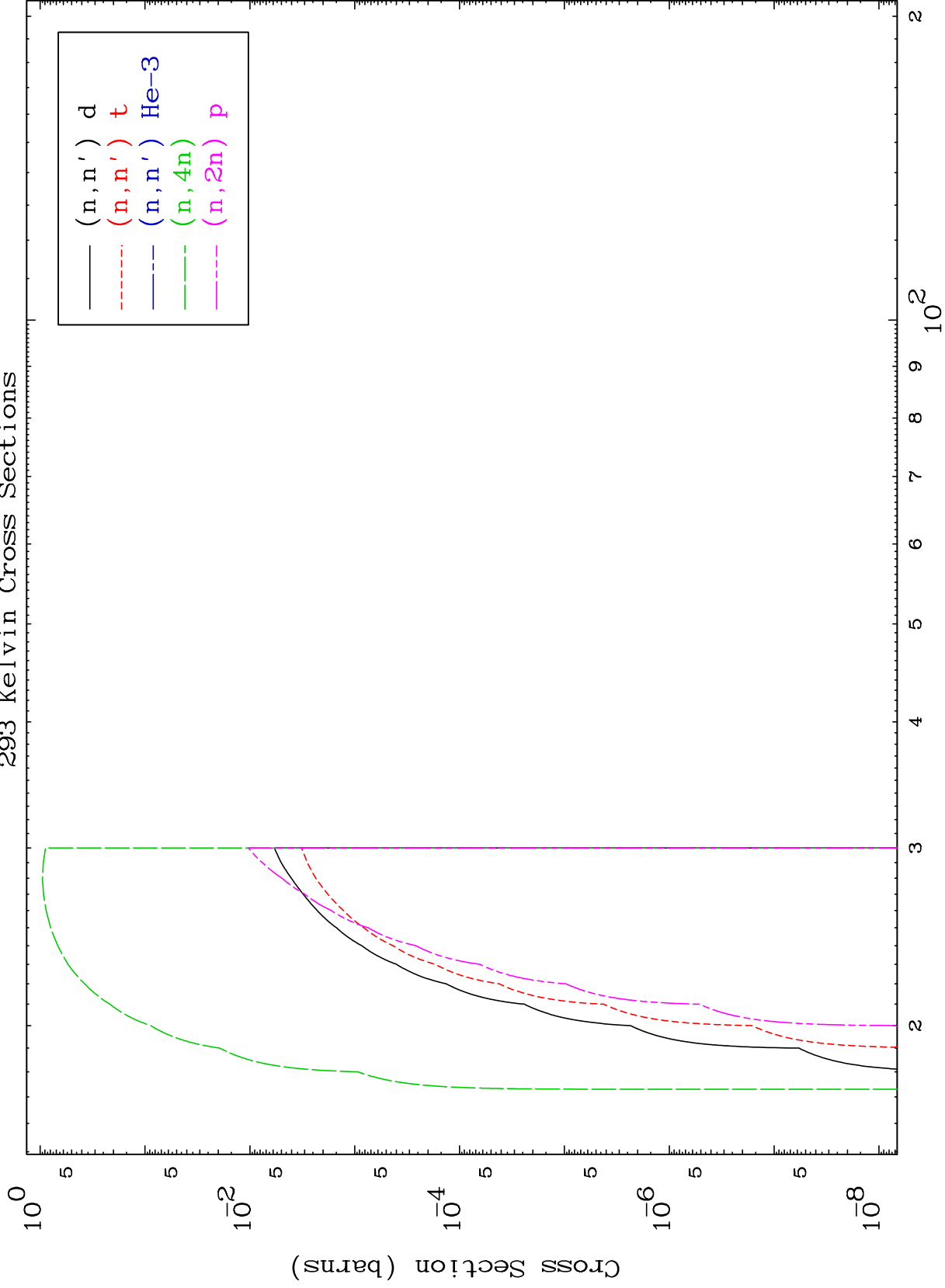
46-Pd-117

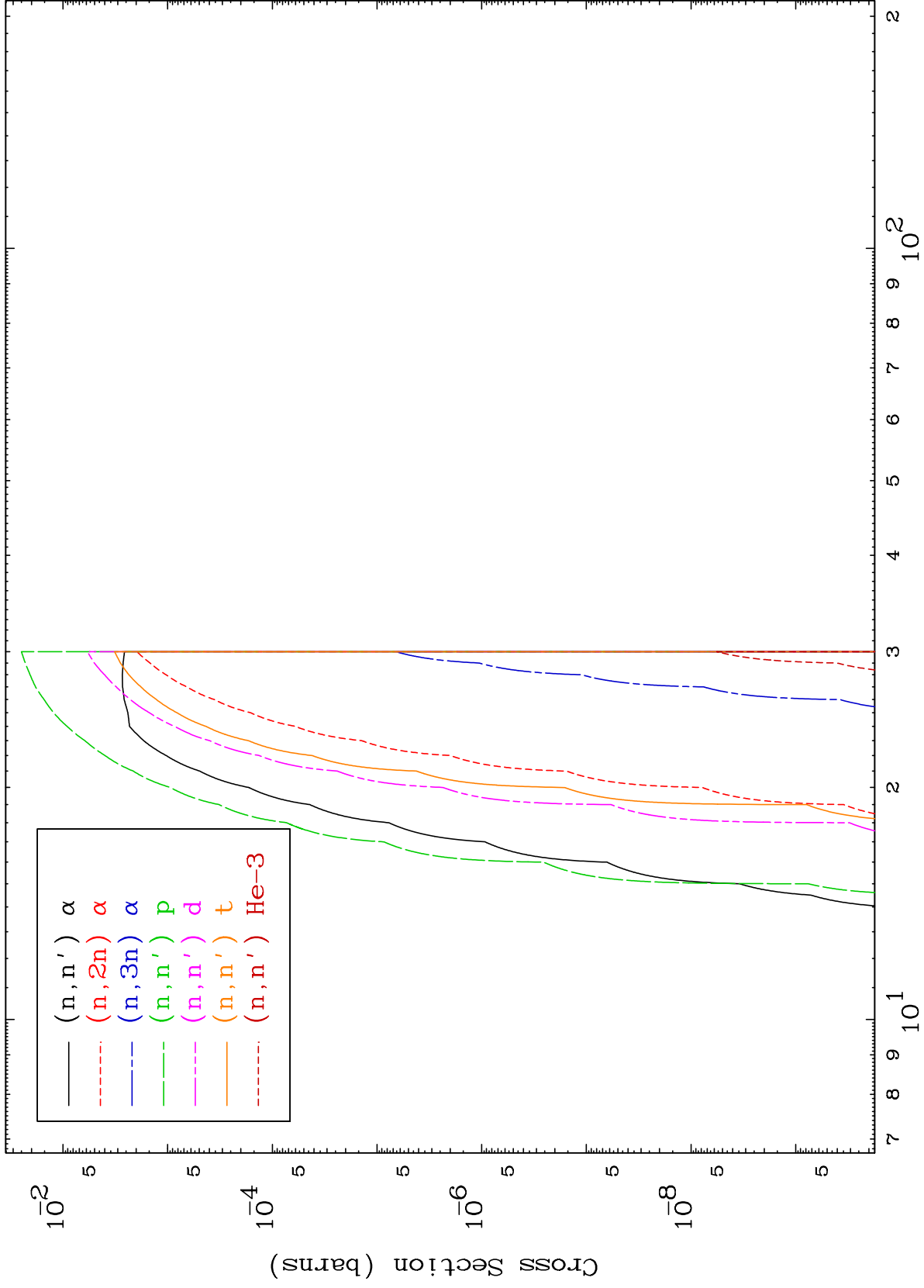


Incident Energy (MeV)

46-Pd-117

2



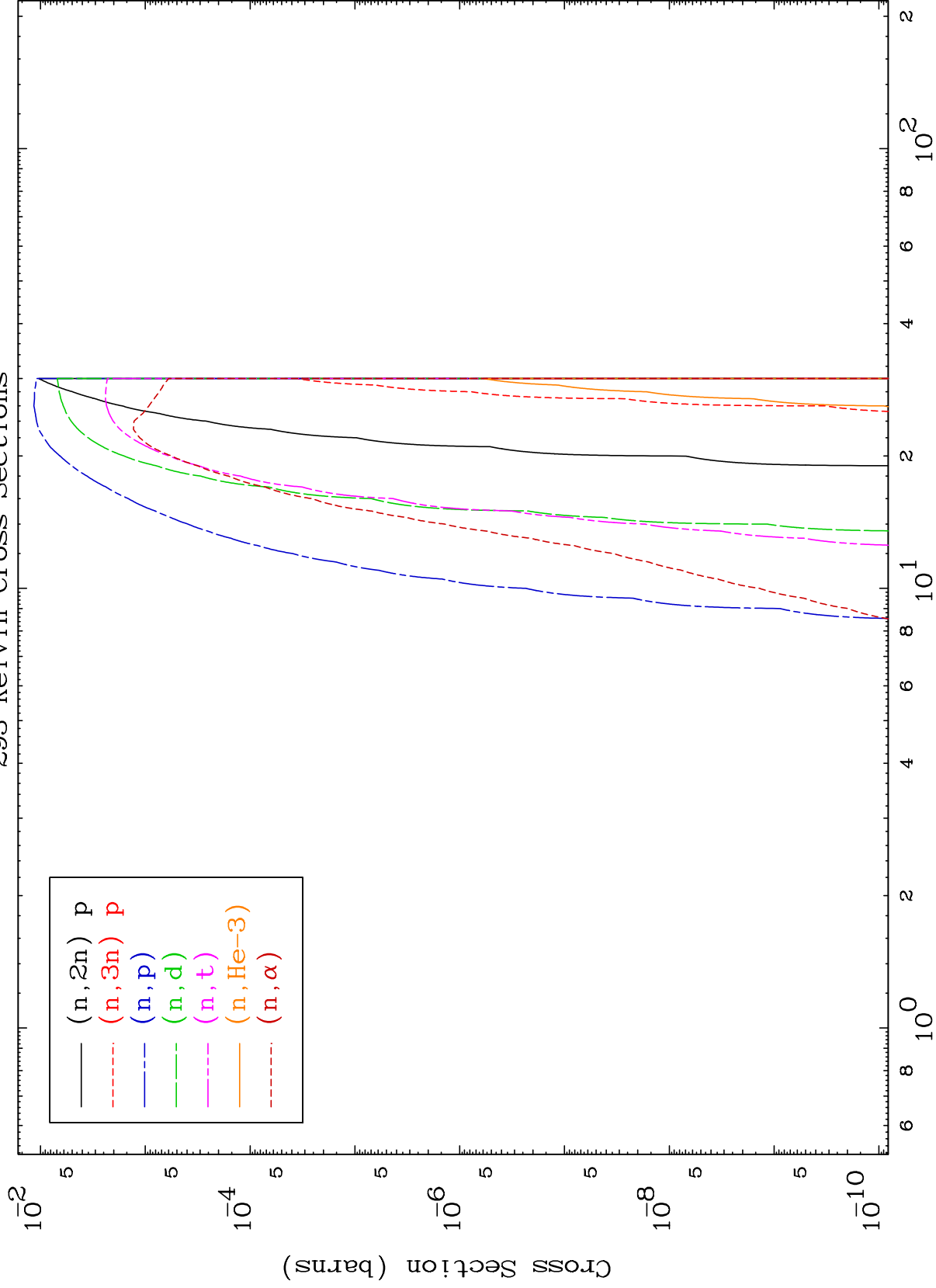


MAT 4670

Charged Particle

46-Pd-117

293 Kelvin Cross Sections



5

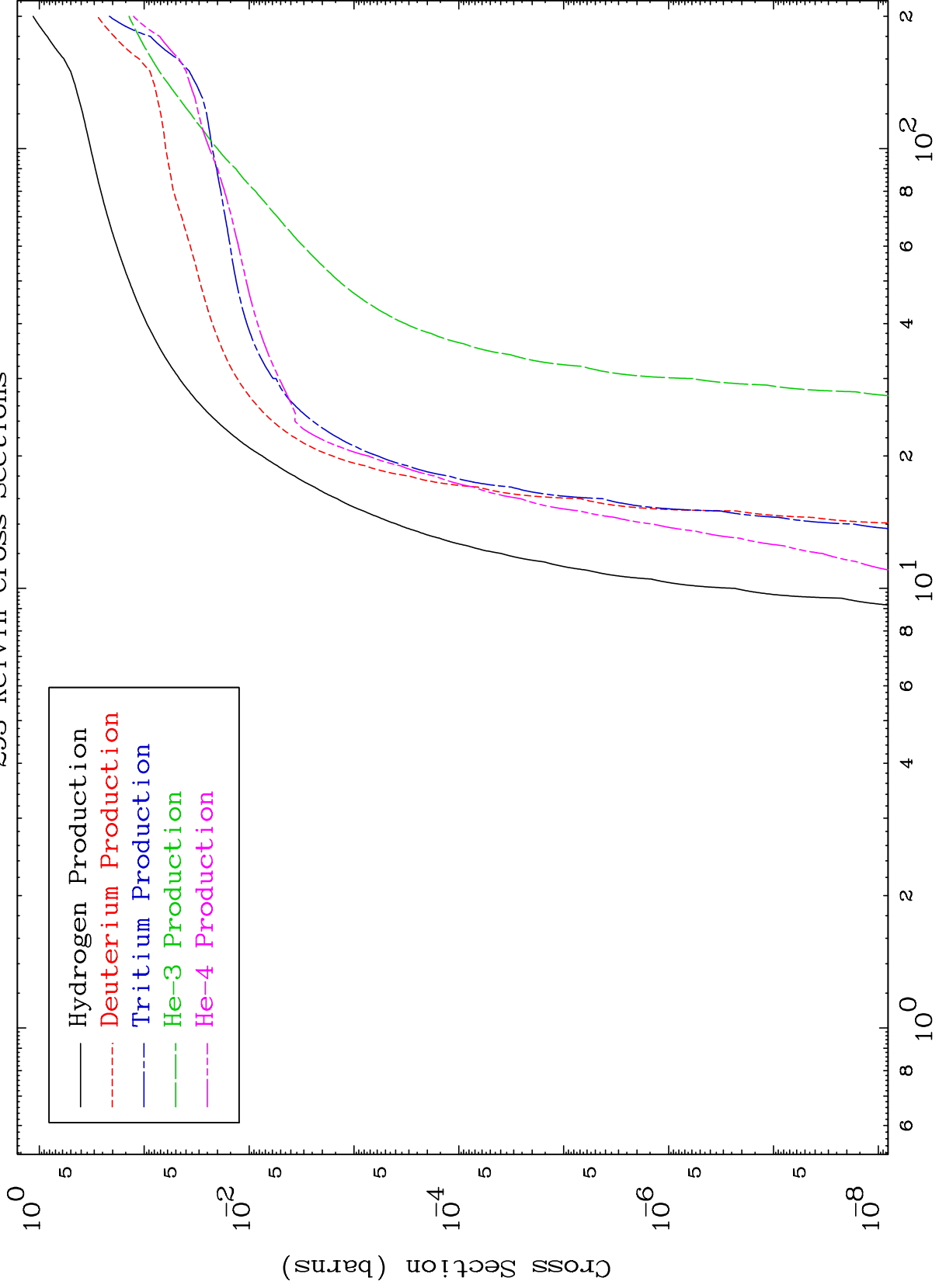
Incident Energy (MeV)

46-Pd-117

MAT 4670

Particle Production  
293 Kelvin Cross Sections

46-Pd-117



6

Incident Energy (MeV)

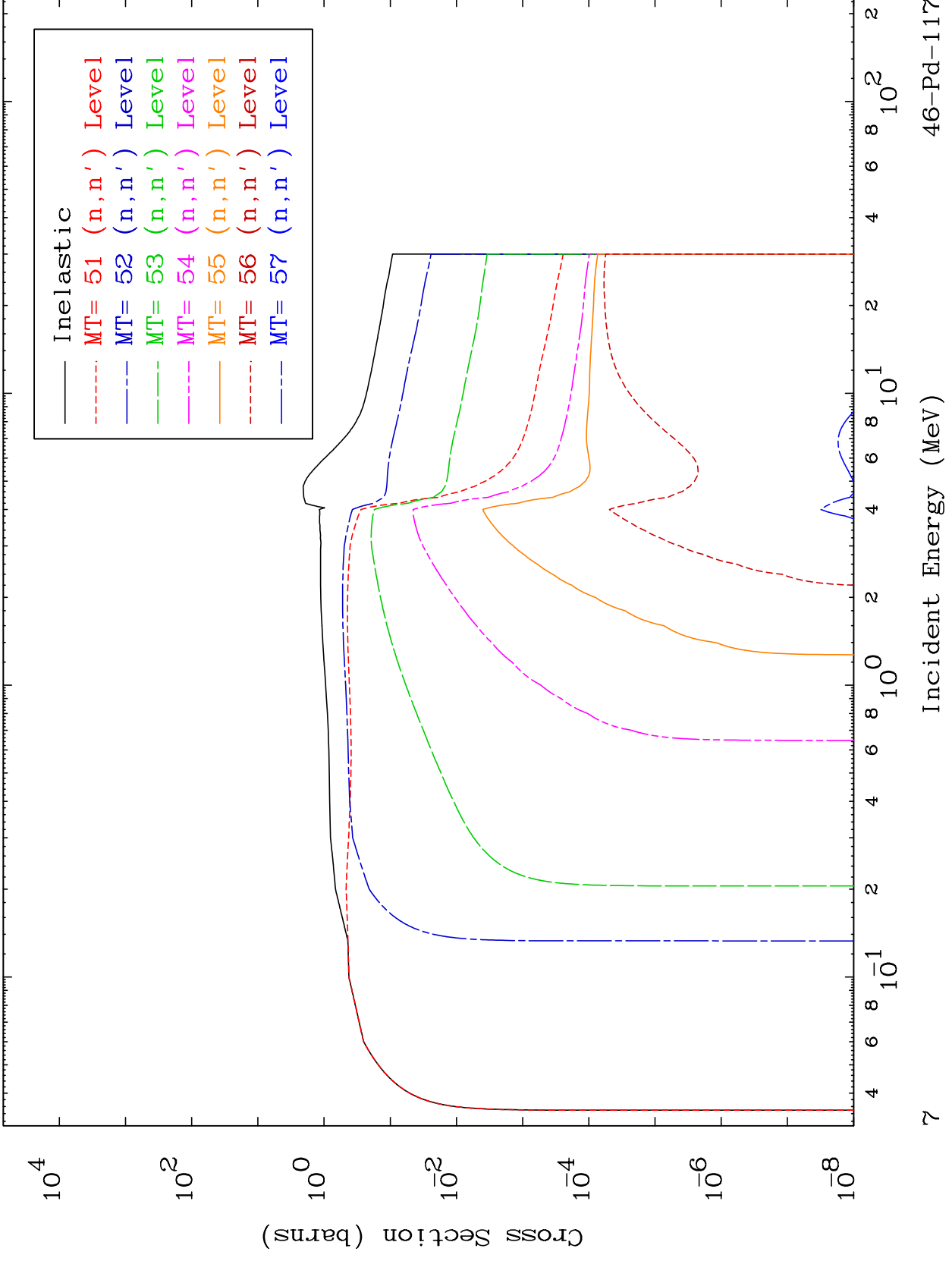
46-Pd-117

MAT 4670

(n,n') Level

46-Pd-117

293 Kelvin Cross Sections



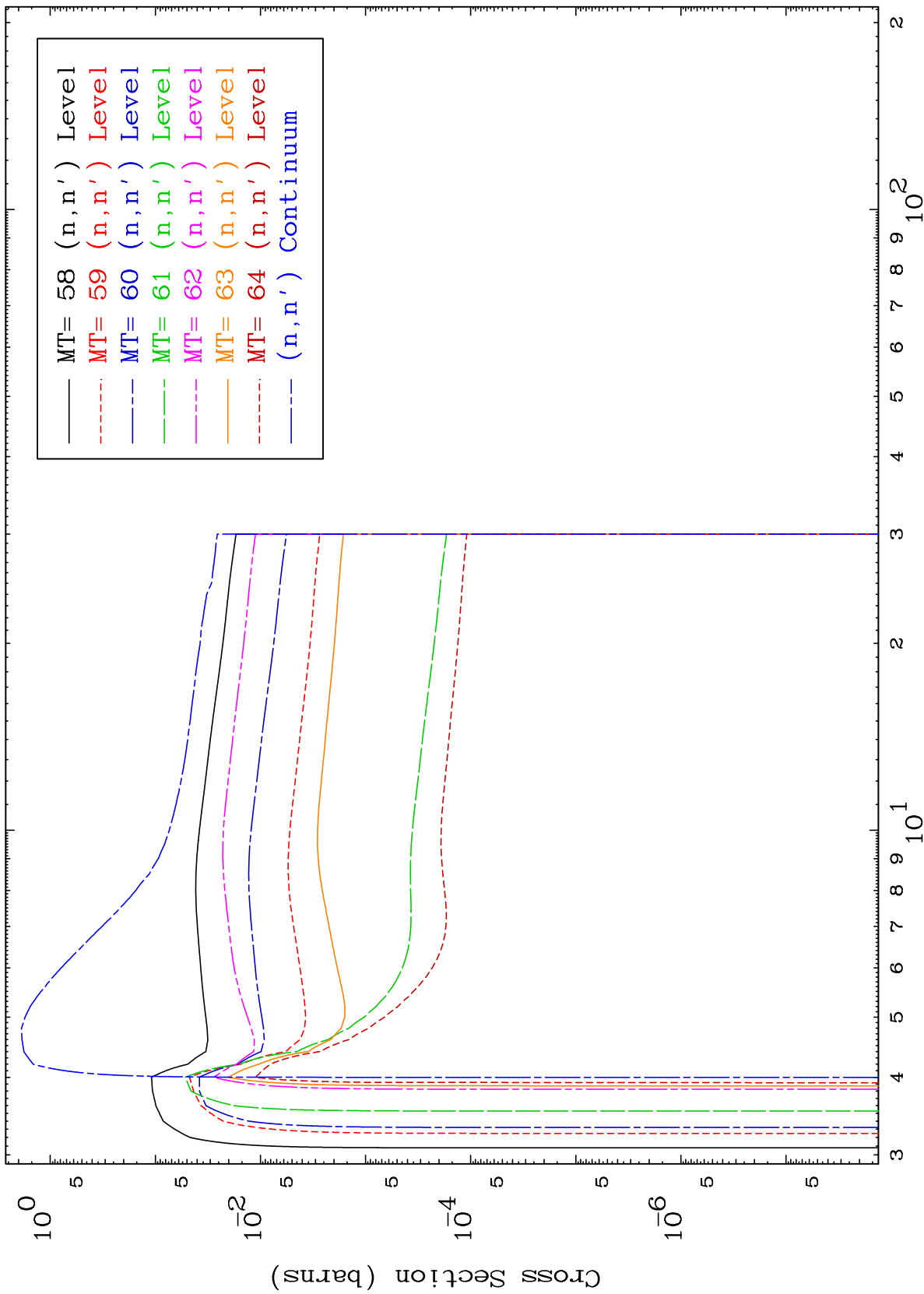


MAT 4670

(n,n') Level

293 Kelvin Cross Sections

46-Pd-117



Incident Energy (MeV)

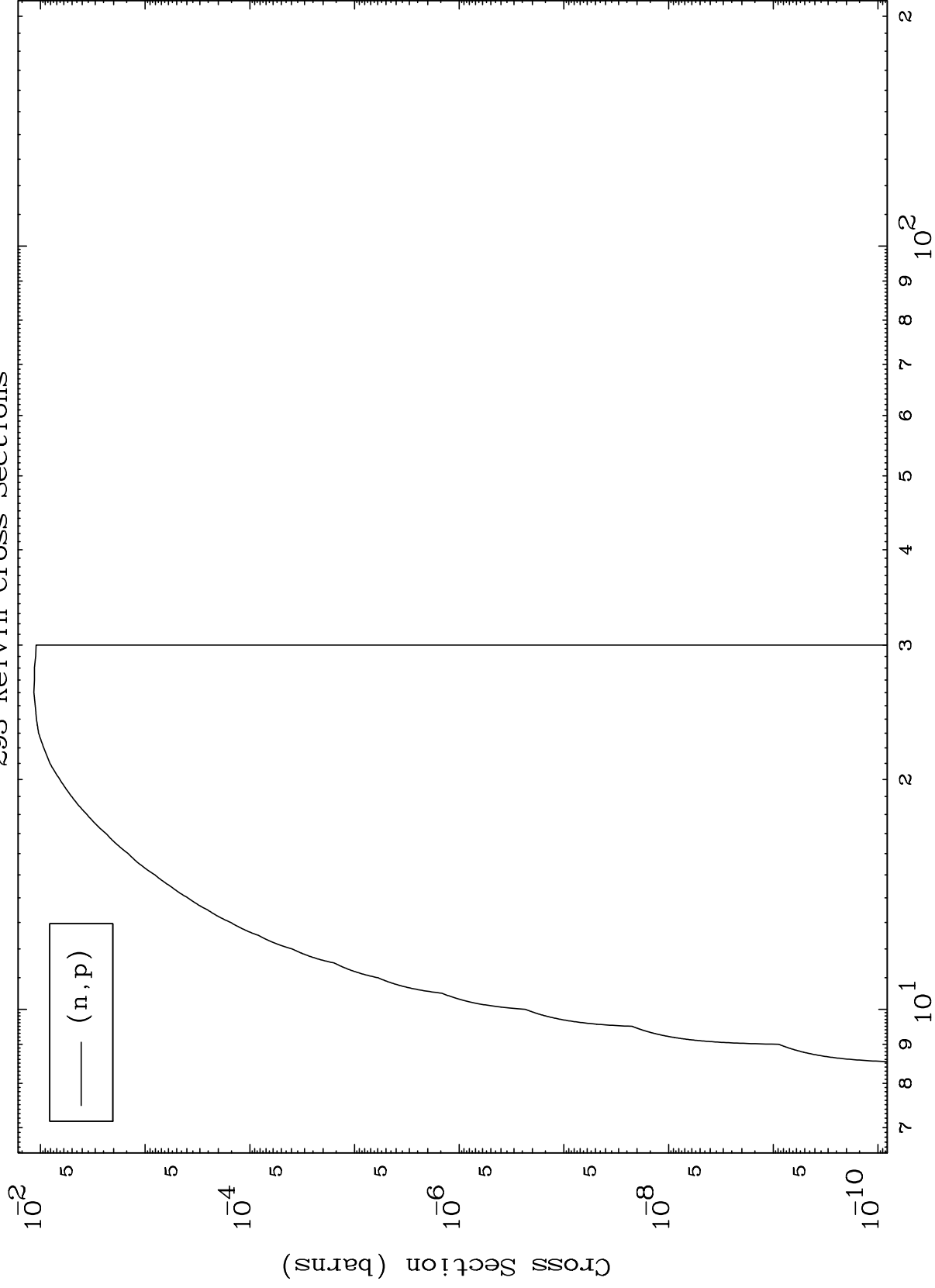
46-Pd-117

8

MAT 4670

(n,p) Levels  
293 Kelvin Cross Sections

46-Pd-117



9

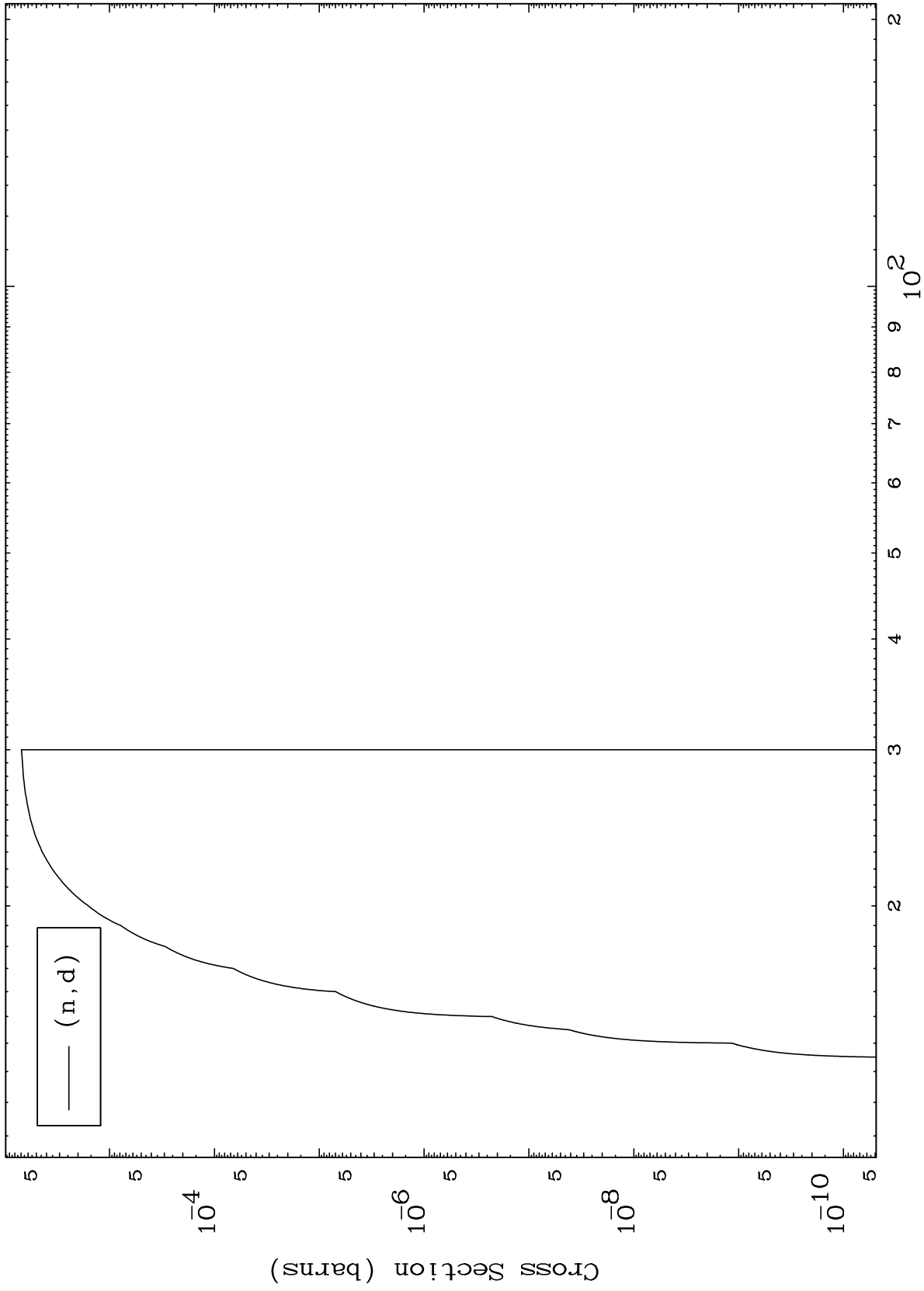
Incident Energy (MeV)

46-Pd-117

MAT 4670

(n,d) Levels  
293 Kelvin Cross Sections

46-Pd-117



10

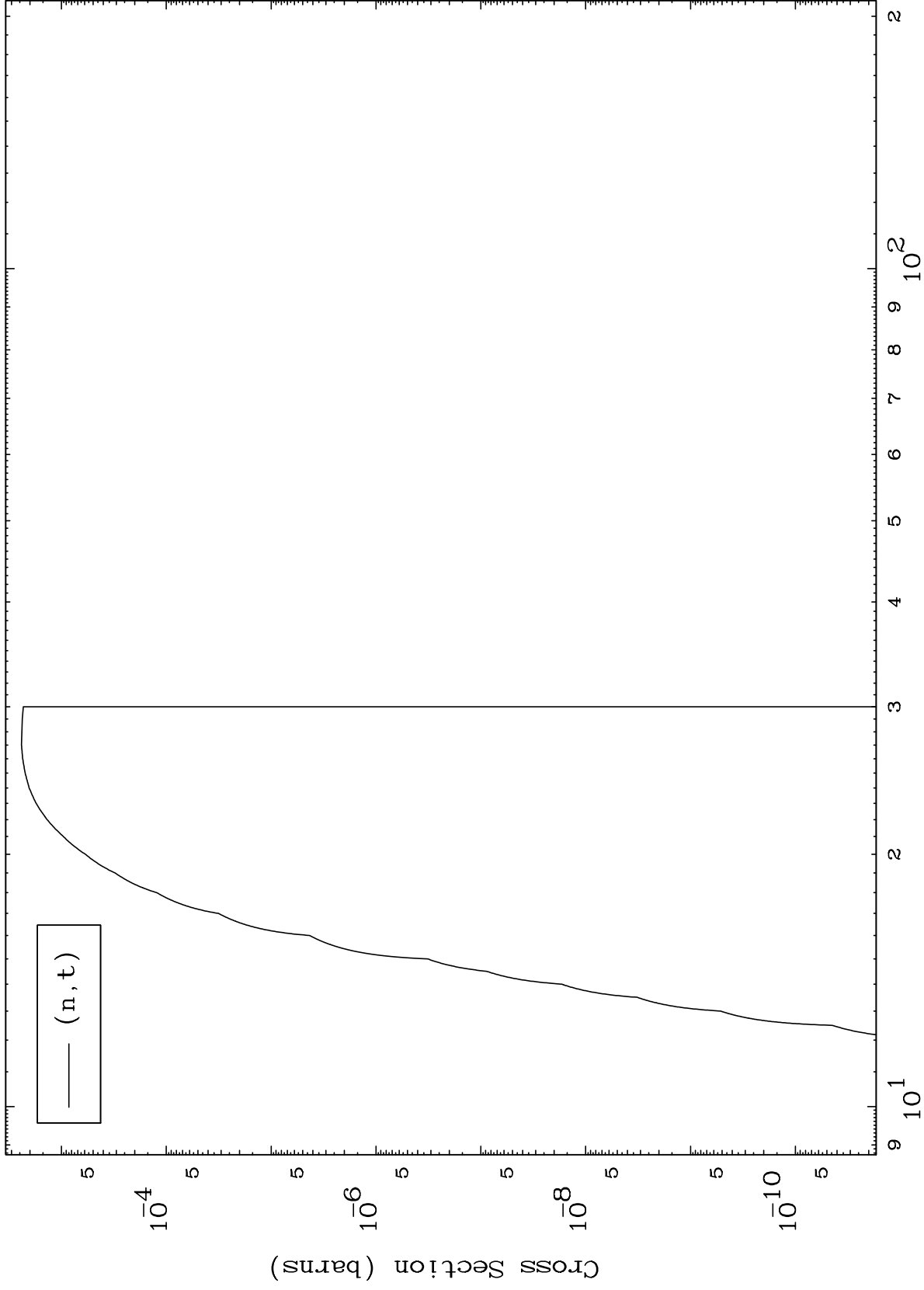
Incident Energy (MeV)

46-Pd-117

MAT 4670

(n,t) Levels  
293 Kelvin Cross Sections

46-Pd-117



11

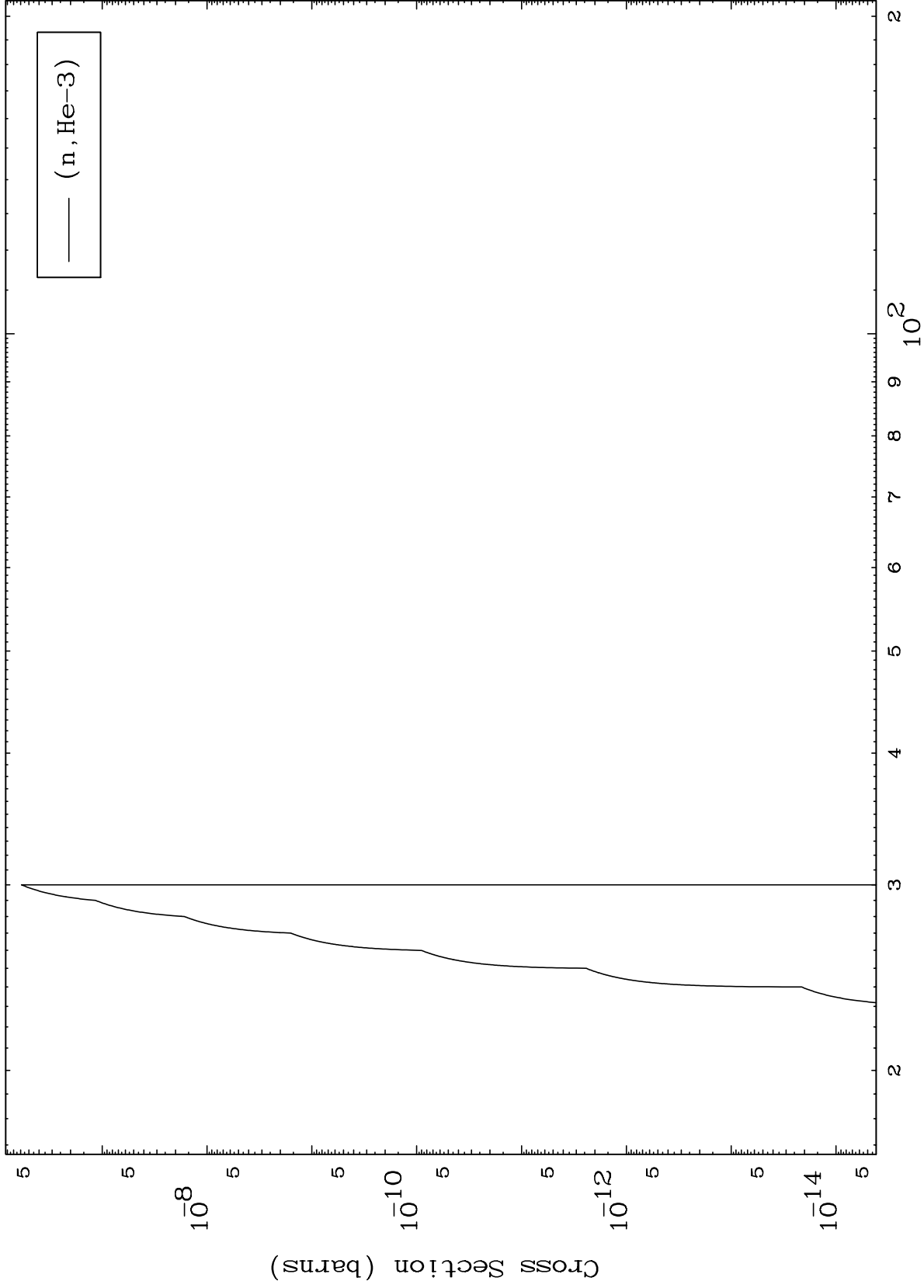
Incident Energy (MeV)

46-Pd-117

MAT 4670

(n,He3) Levels  
293 Kelvin Cross Sections

46-Pd-117



12

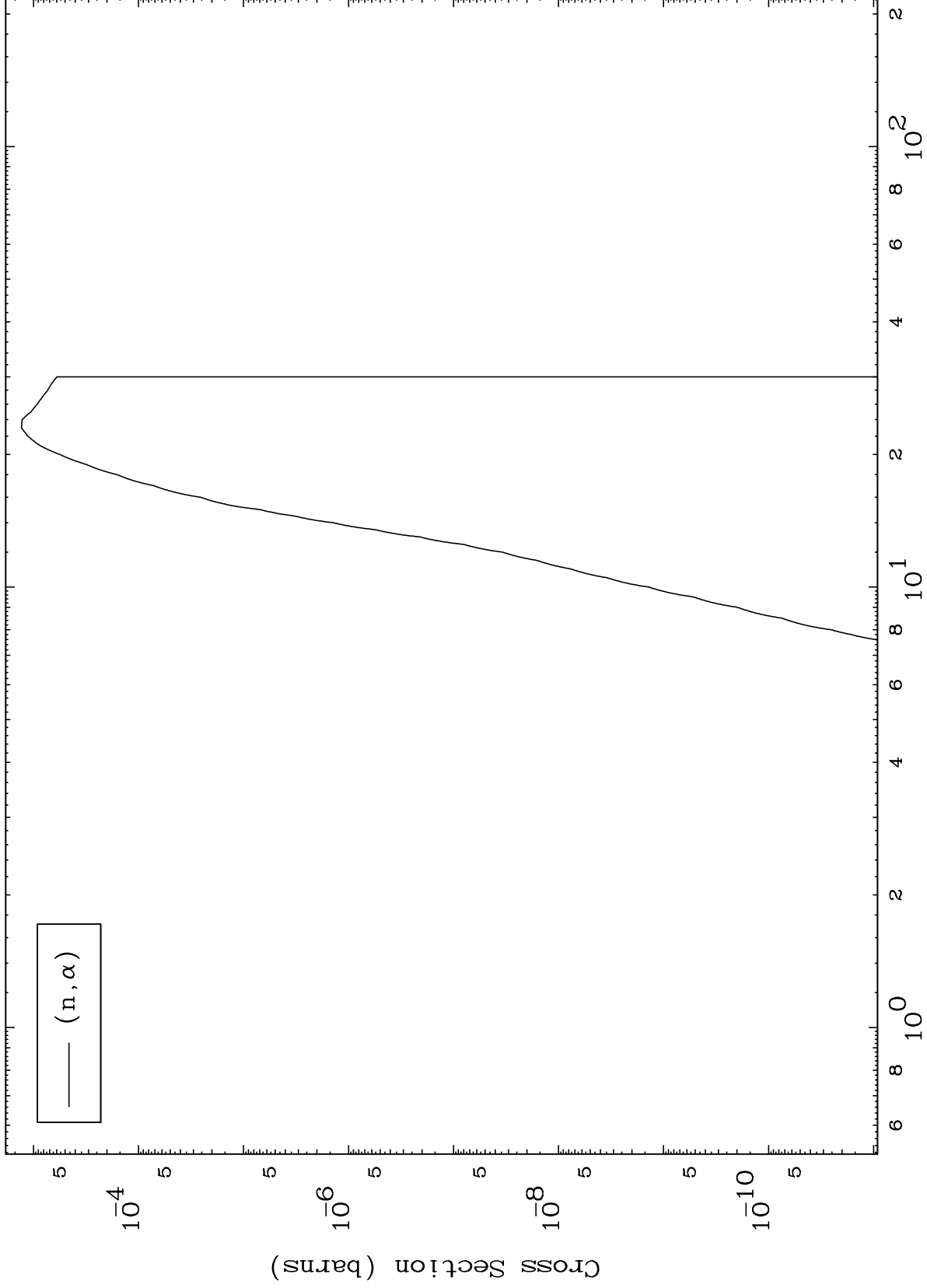
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

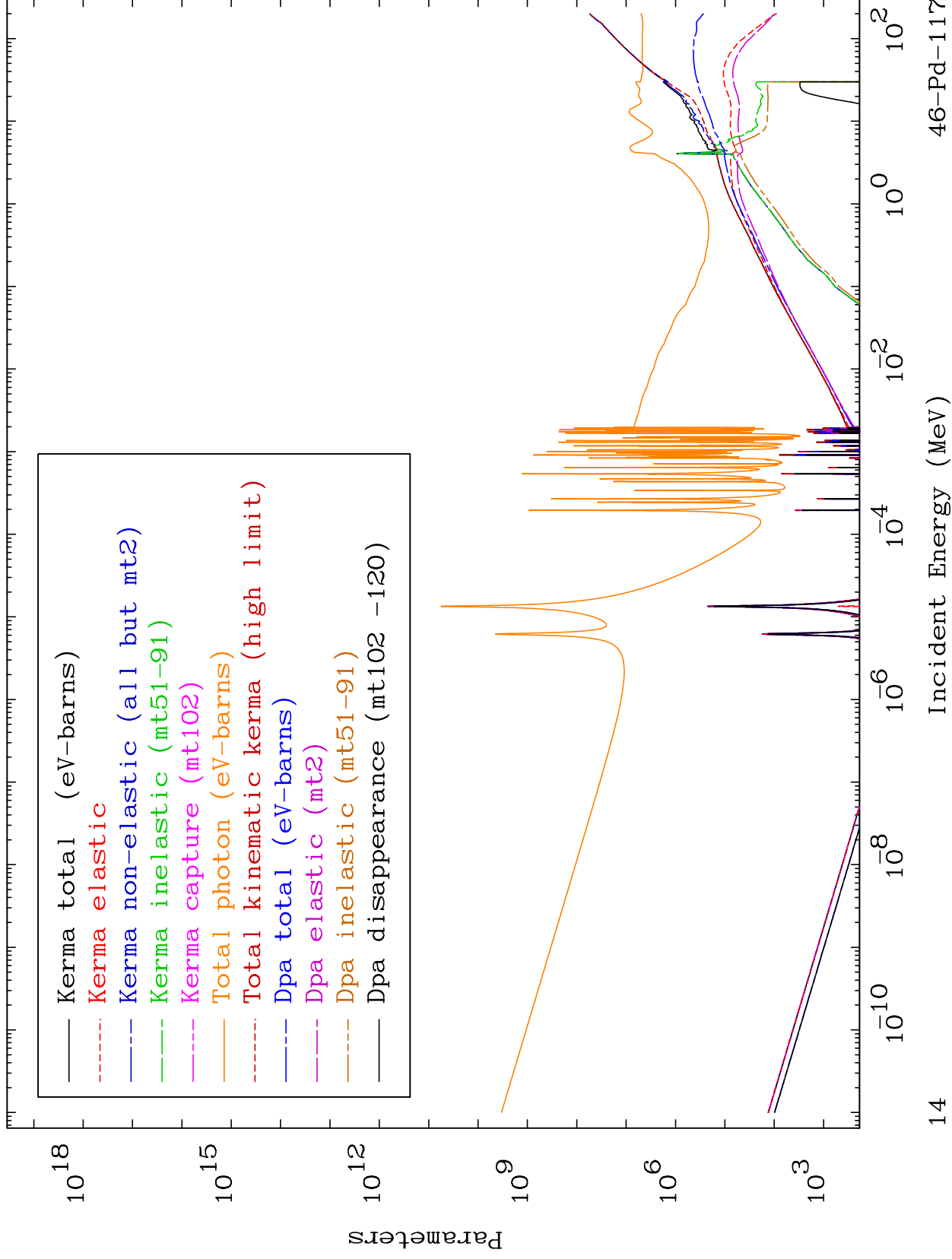
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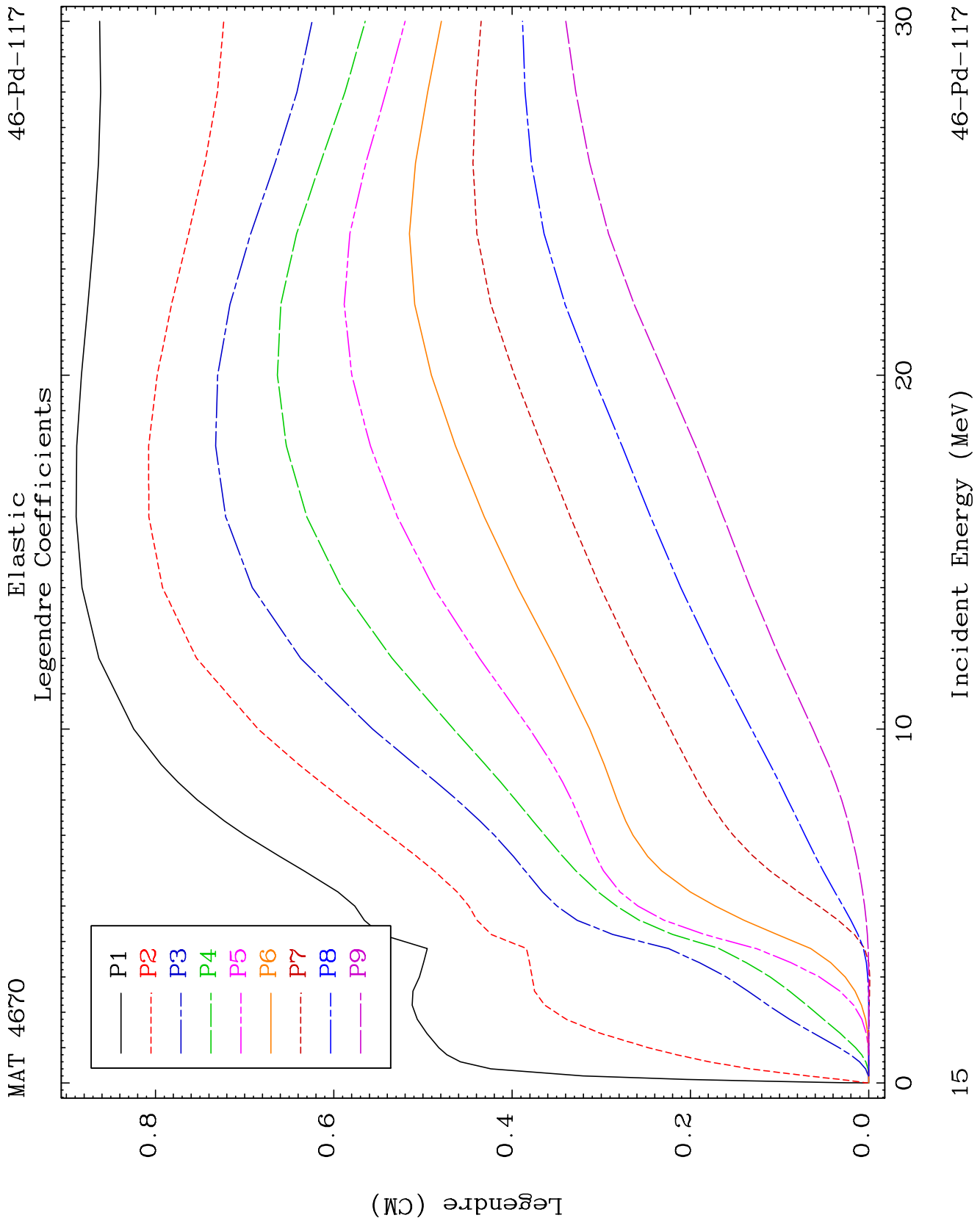


13

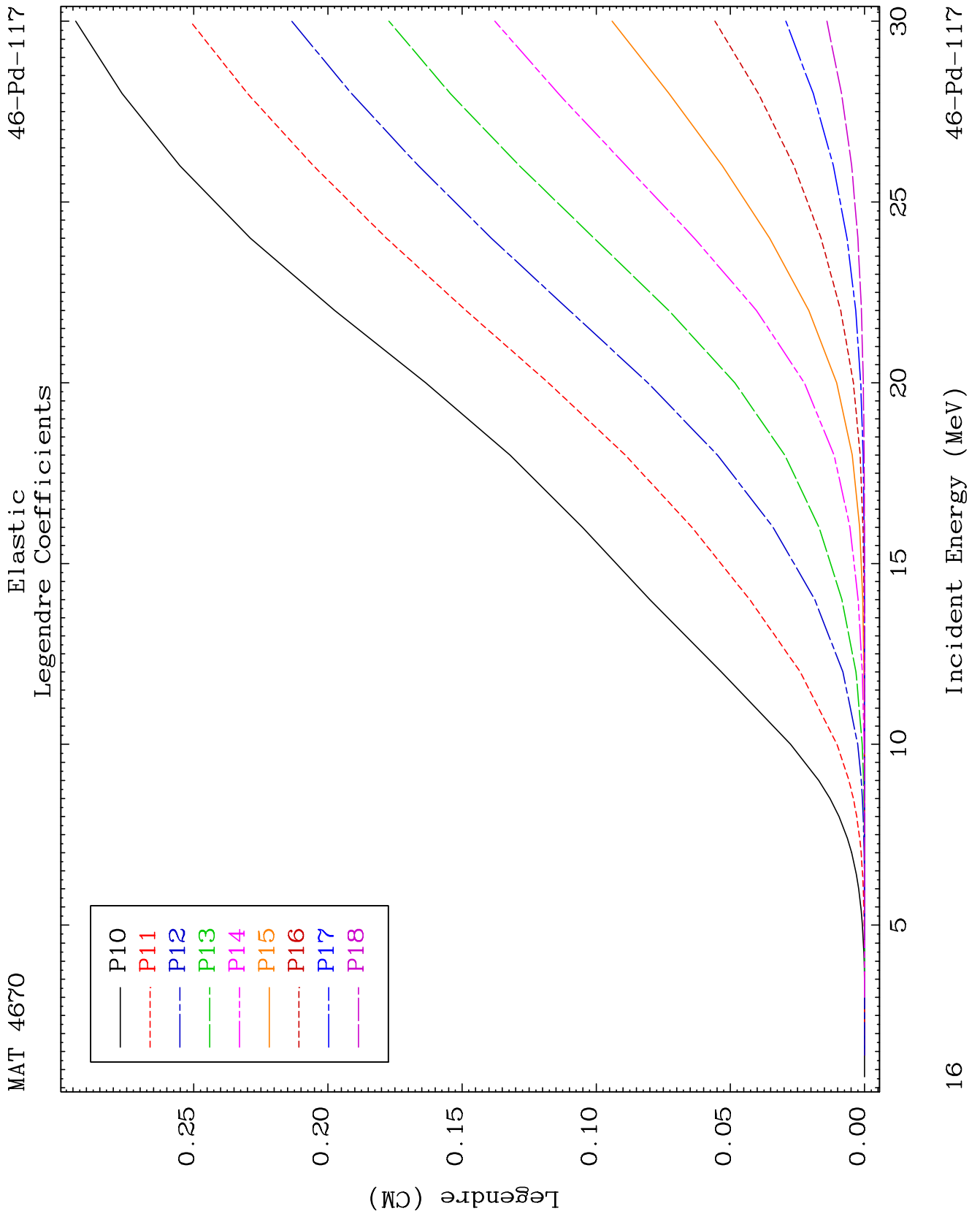
Incident Energy (MeV)

46-Pd-117









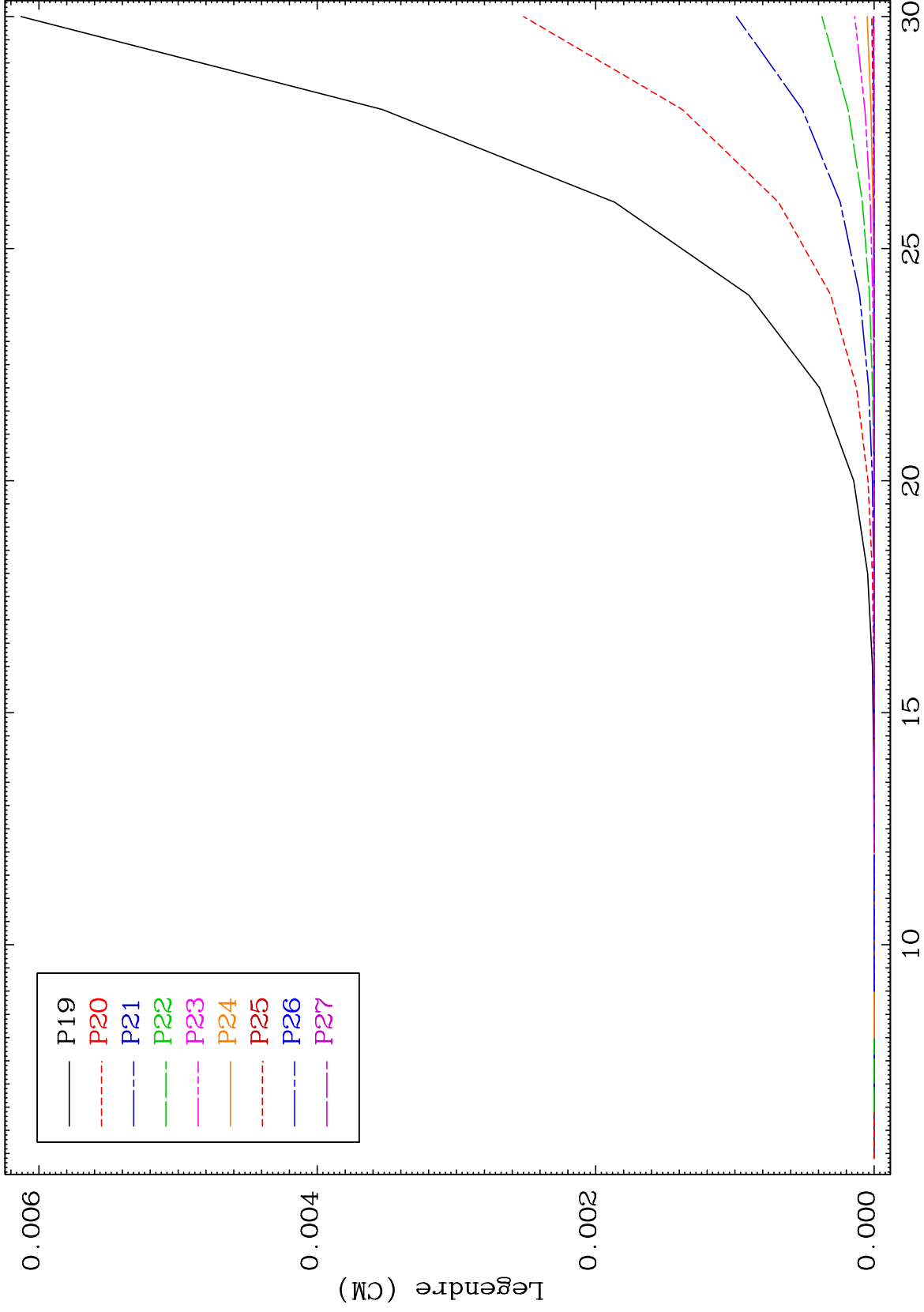
MAT 4670

16

MAT 4670

Elastic  
Legendre Coefficients

46-Pd-117



17

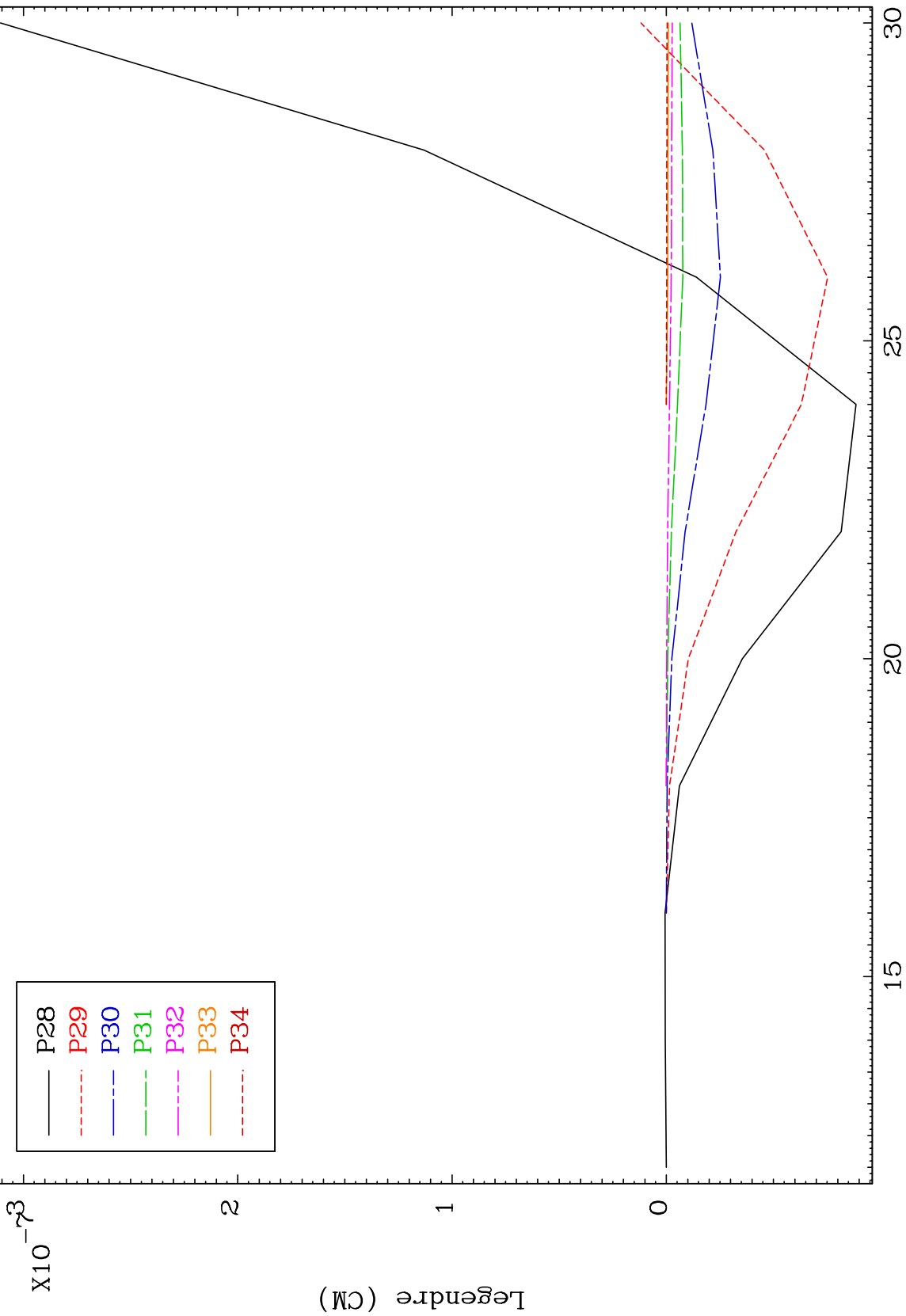
Incident Energy (MeV)

46-Pd-117

MAT 4670

Elastic Legendre Coefficients

46-Pd-117



18

Incident Energy (MeV)

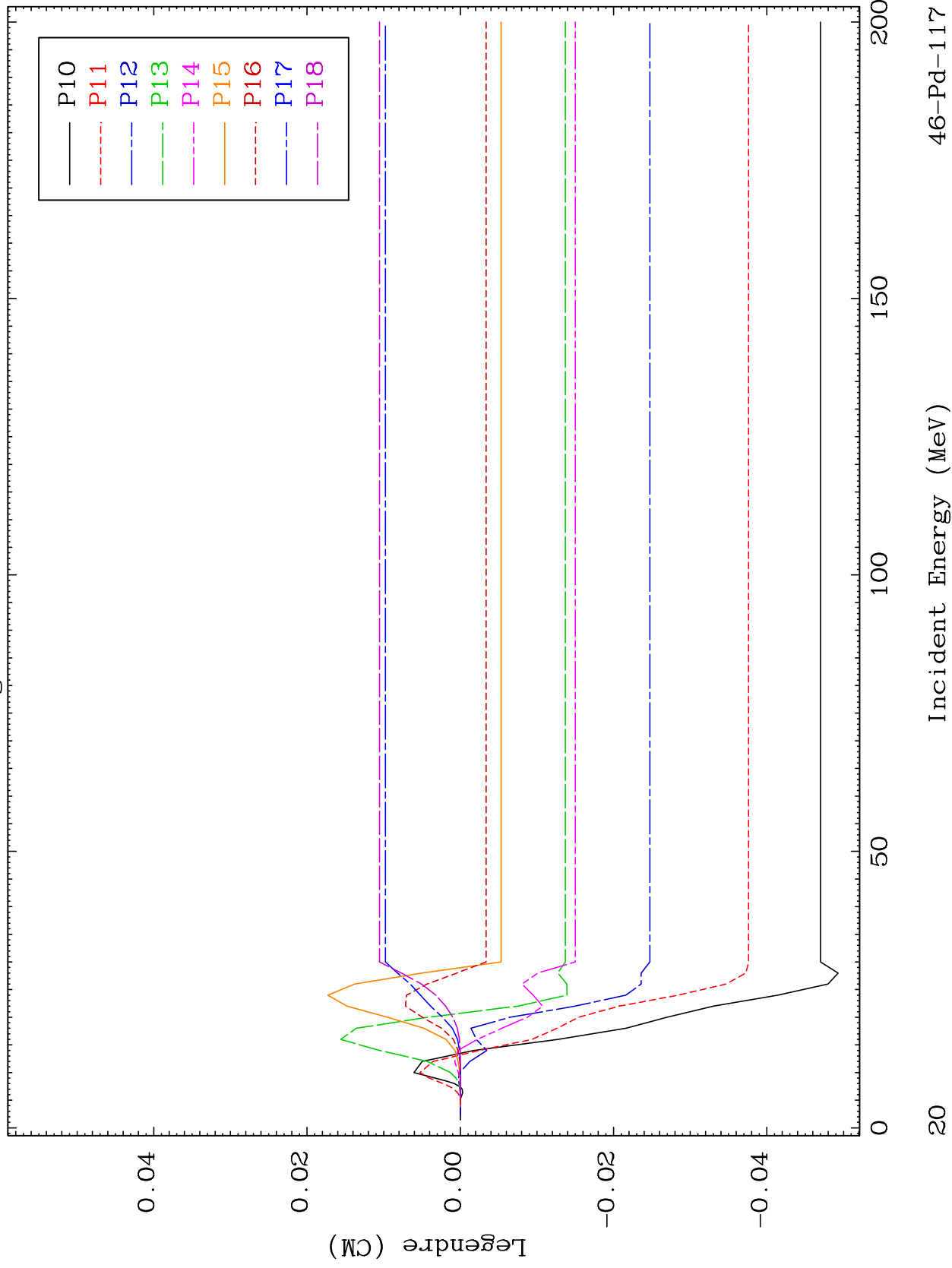
46-Pd-117



MAT 4670

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

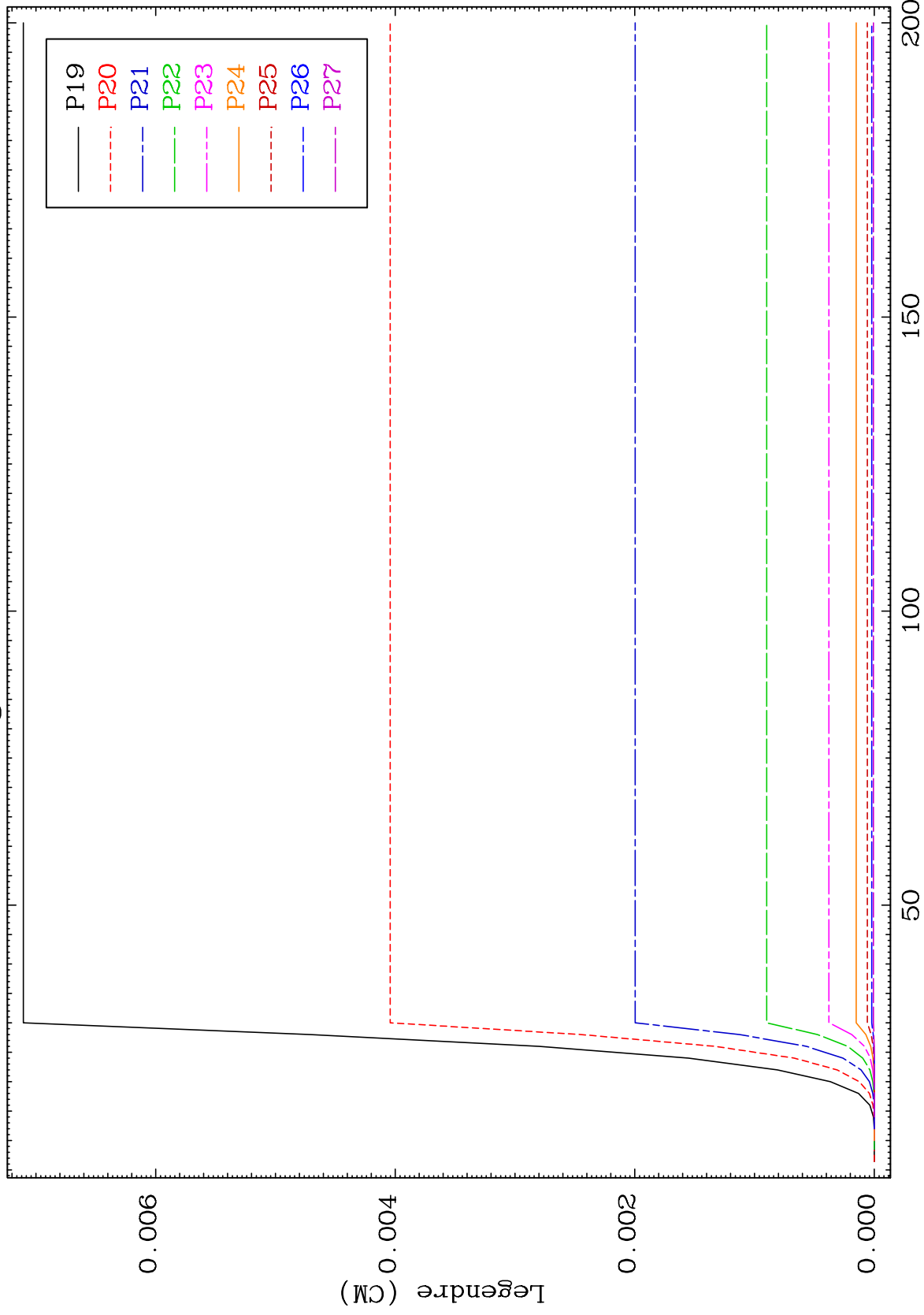
46-Pd-117



MAT 4670

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

46-Pd-117



21

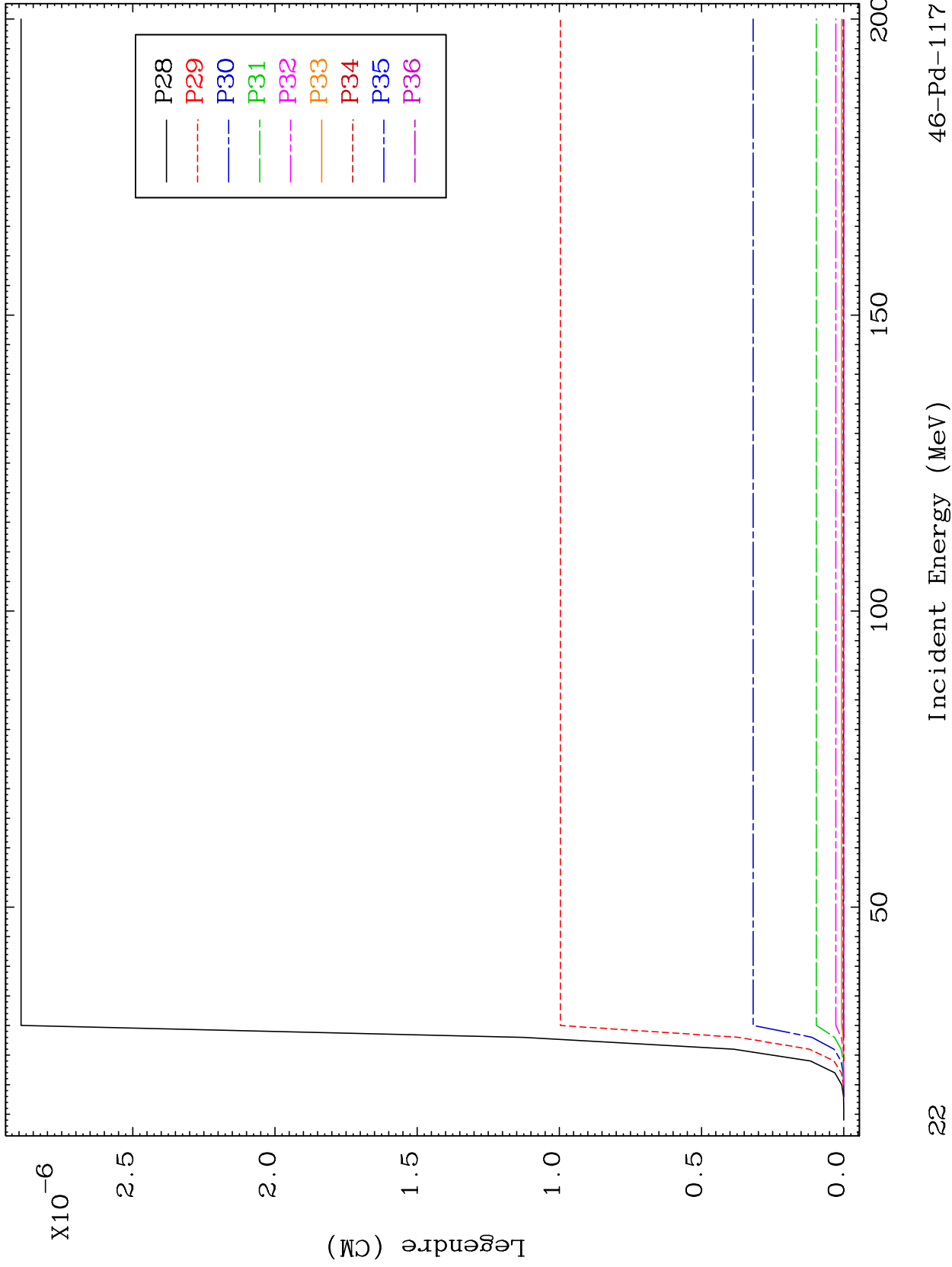
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

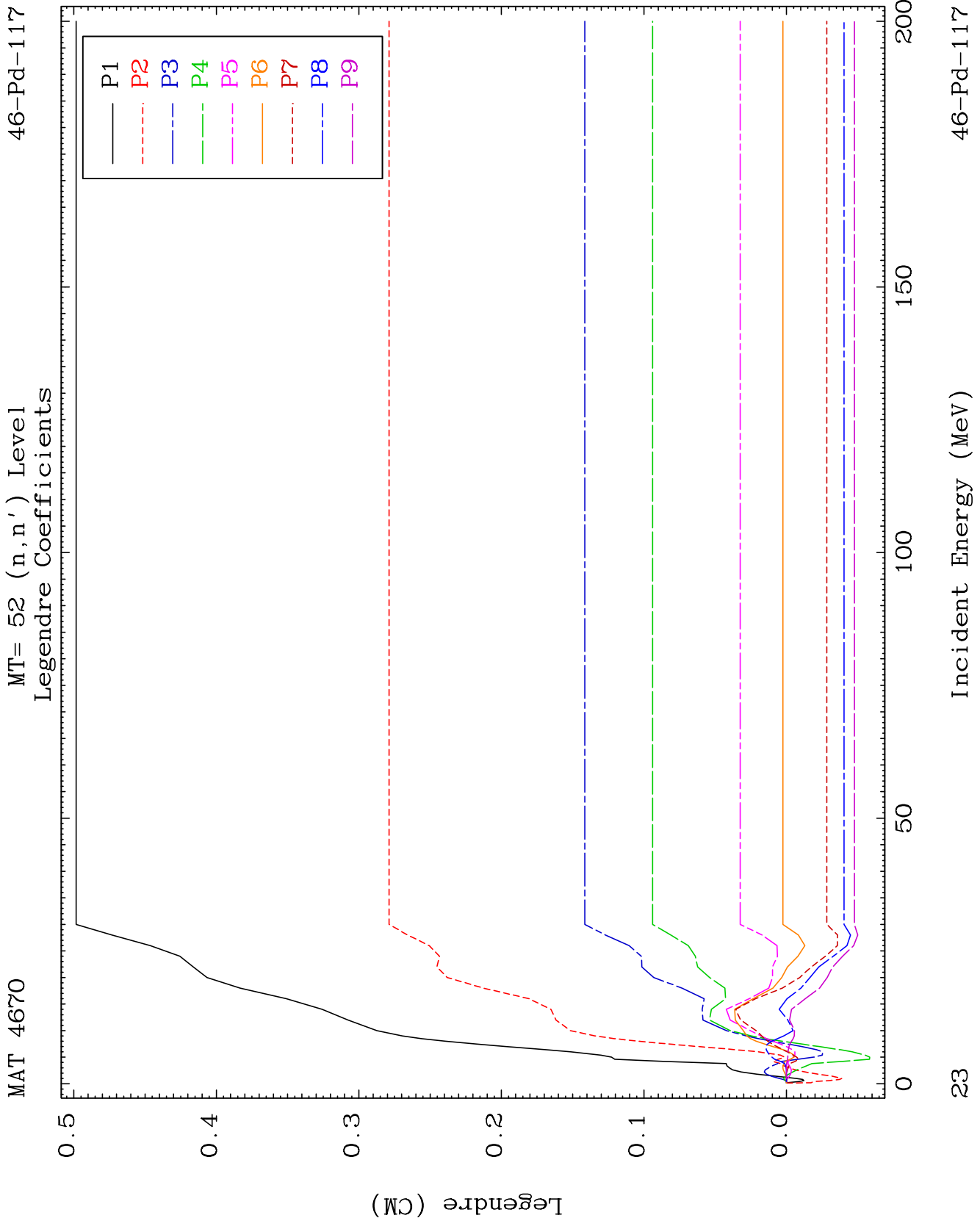
46-Pd-117



22

Incident Energy (MeV)

46-Pd-117

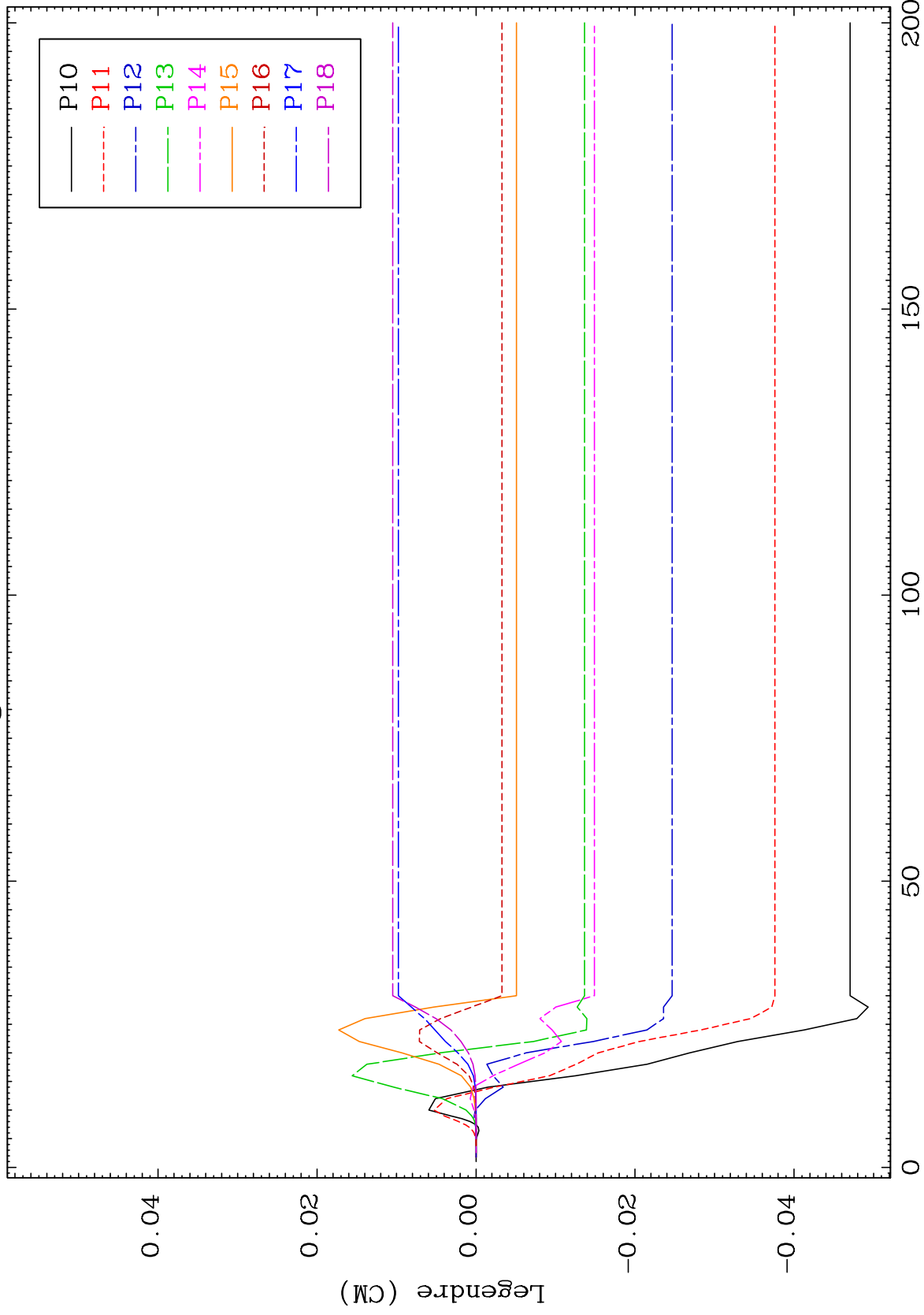




MAT 4670

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

46-Pd-117



24

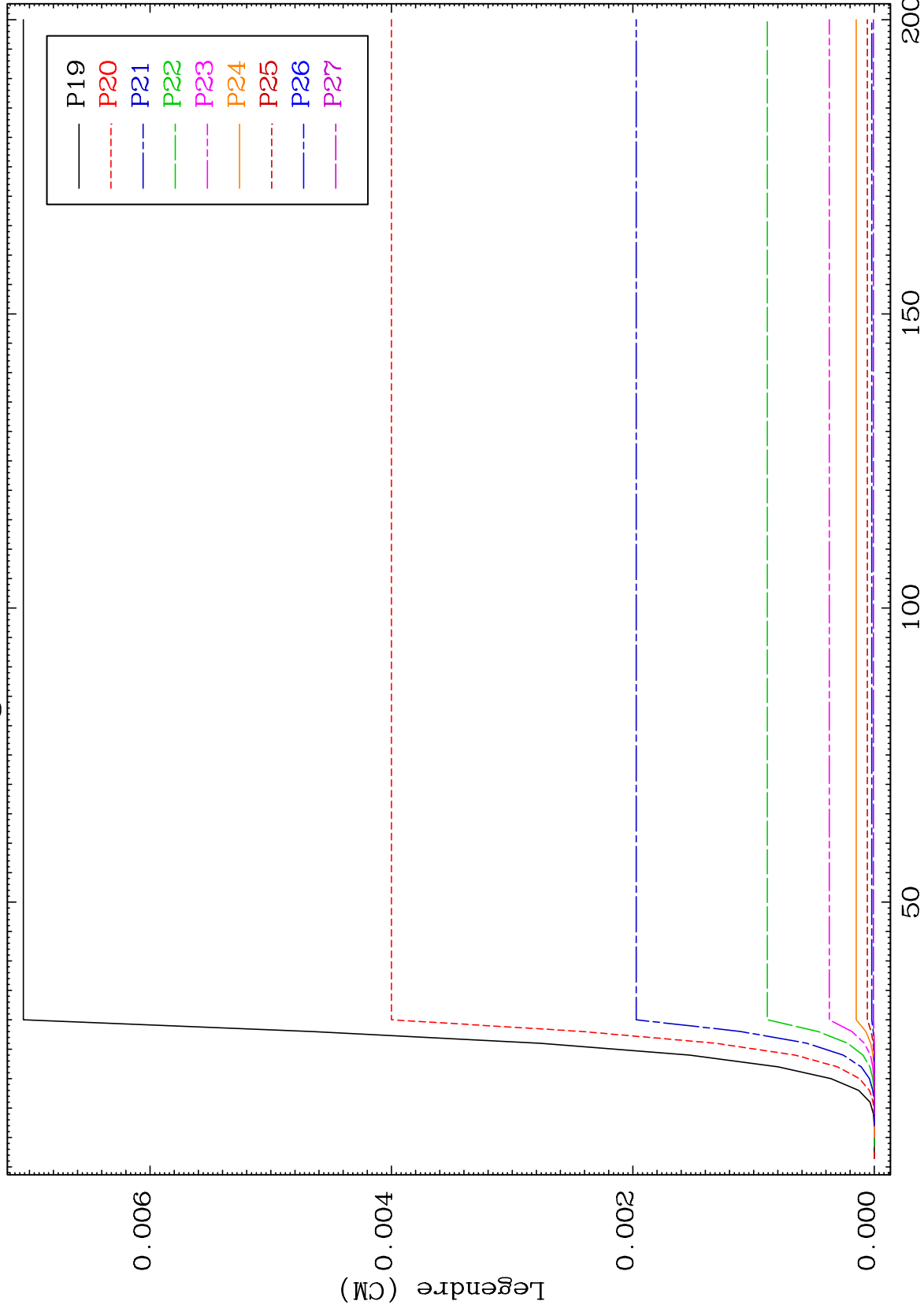
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



25

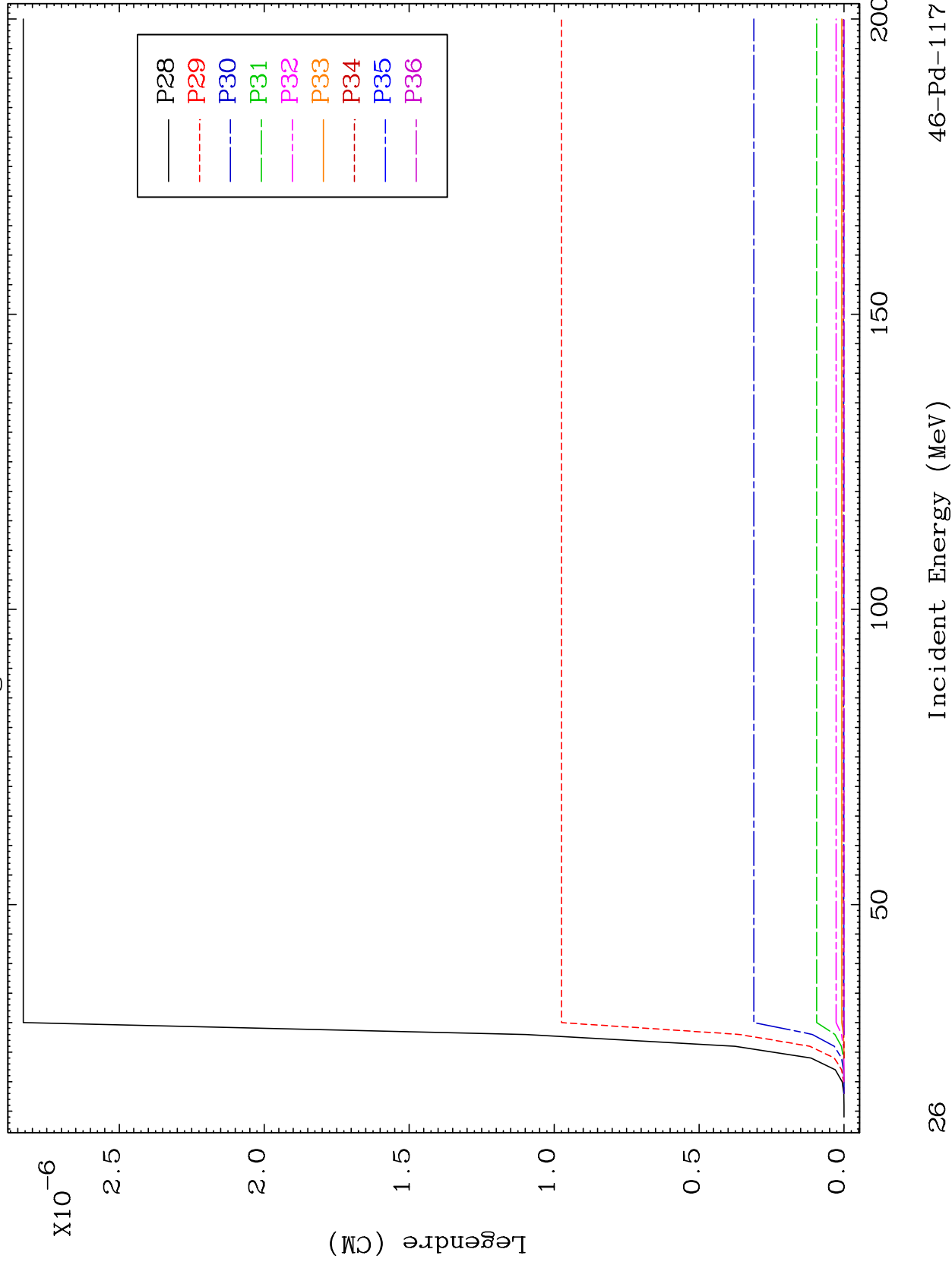
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



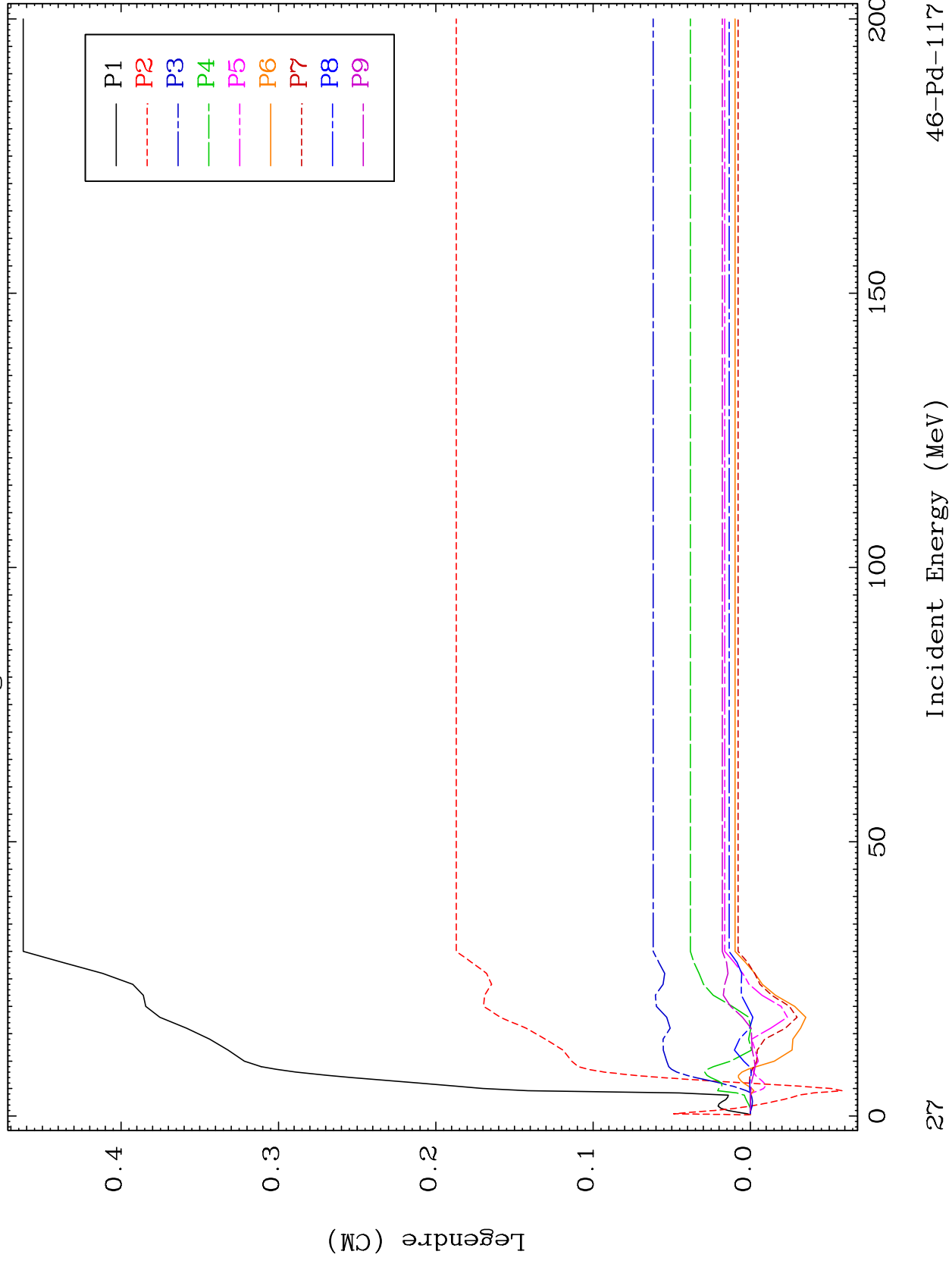
26

46-Pd-117

MAT 4670

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

46-Pd-117



27

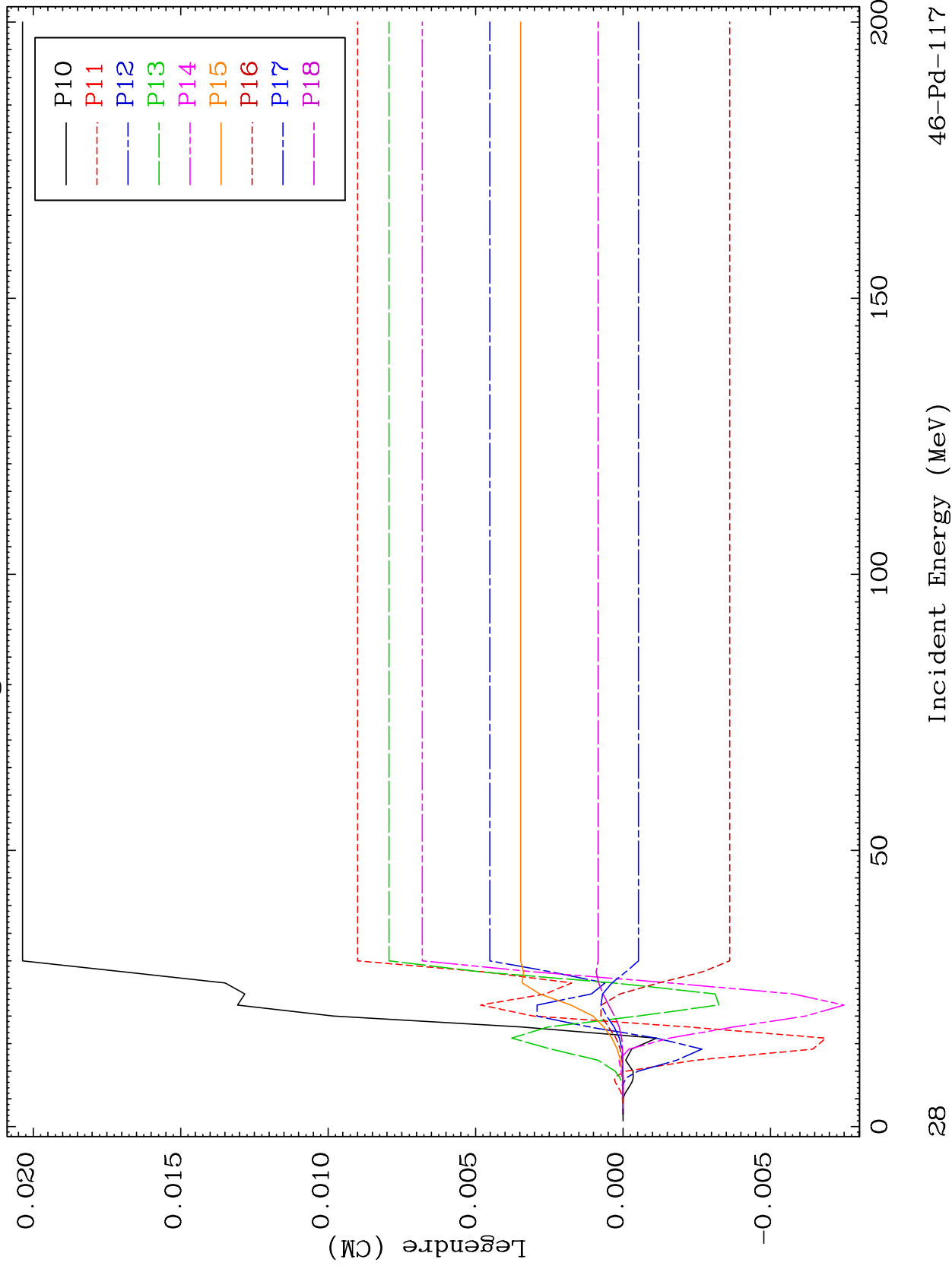
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



28

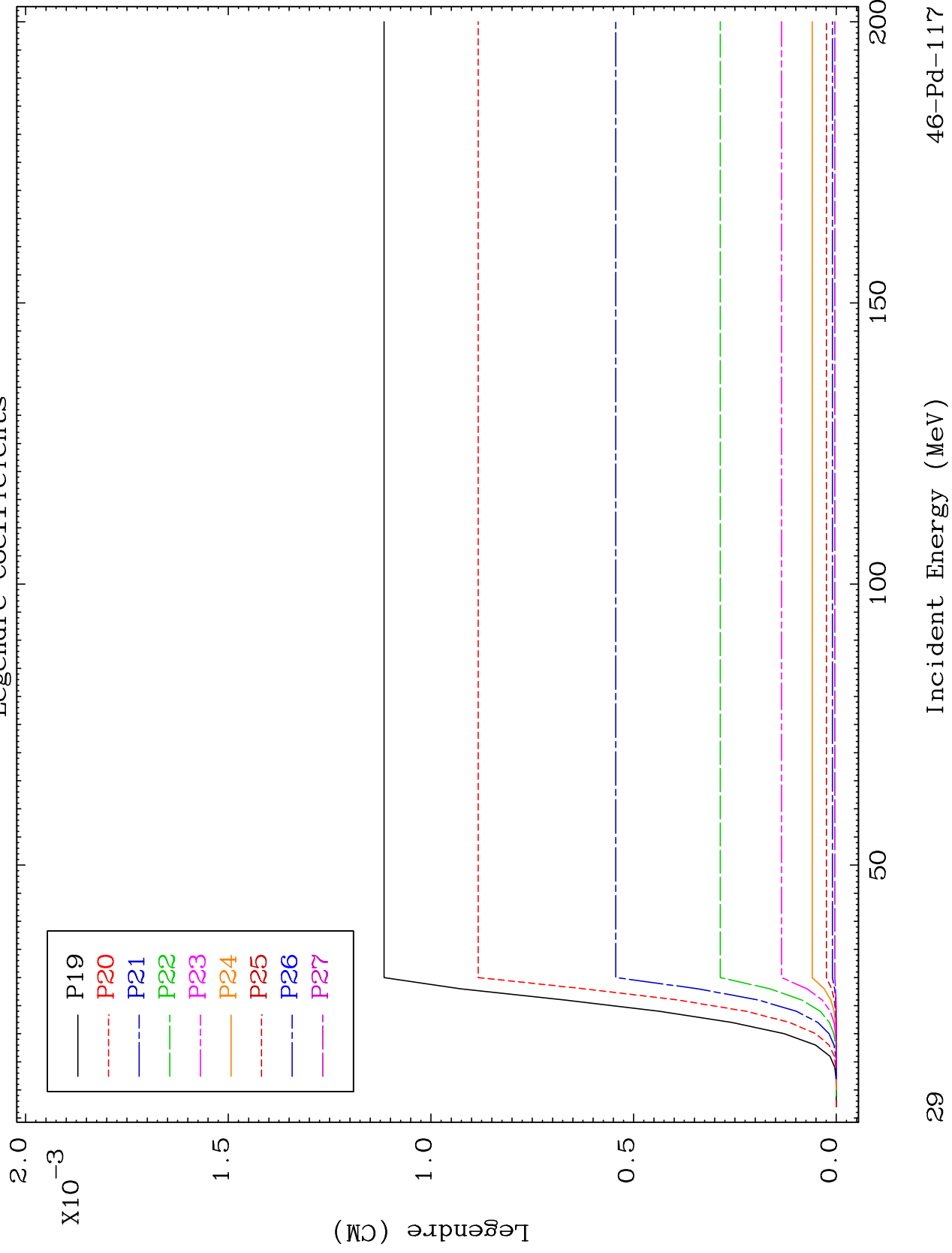
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

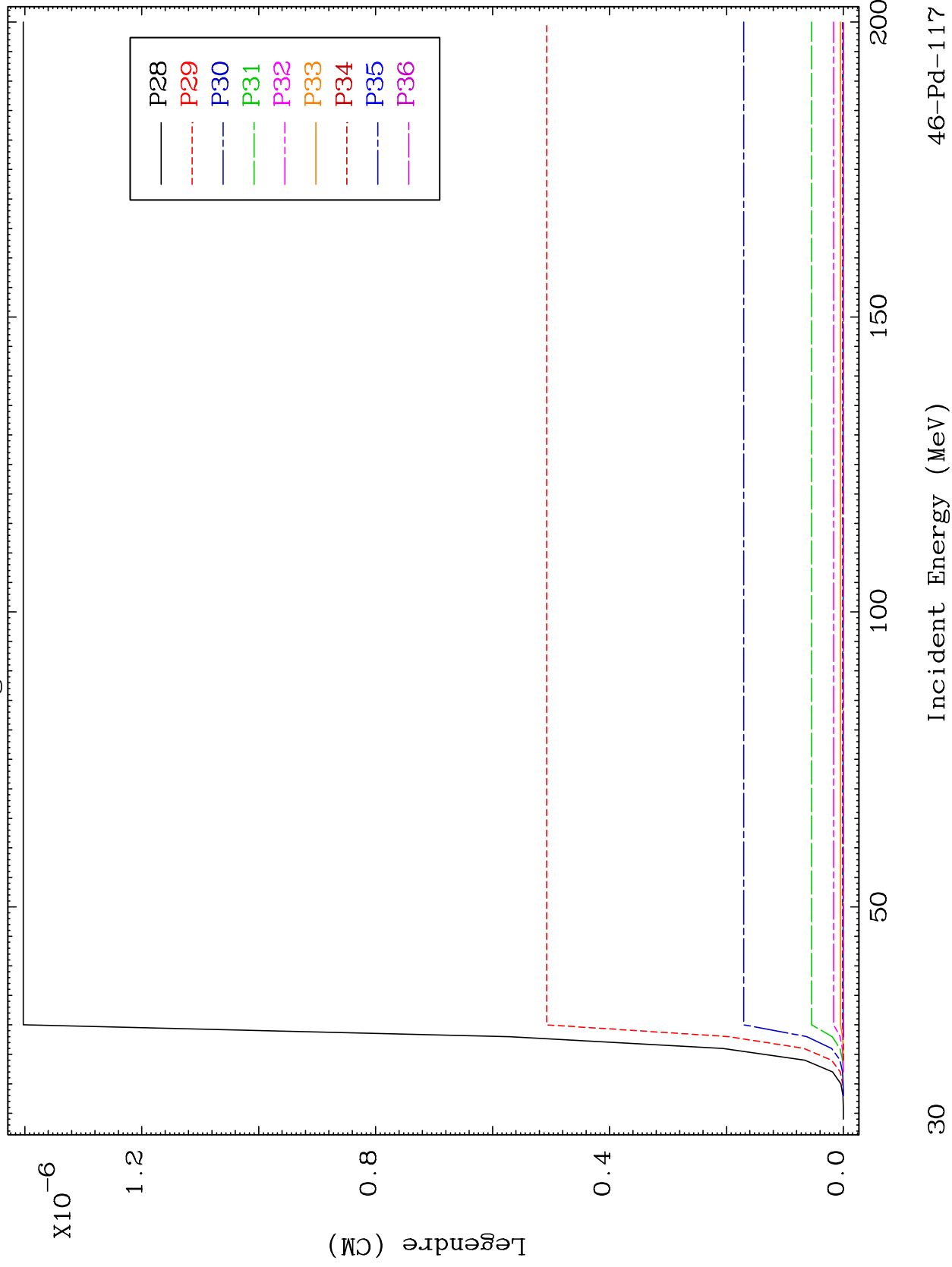
46-Pd-117



MAT 4670

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

46-Pd-117



46-Pd-117

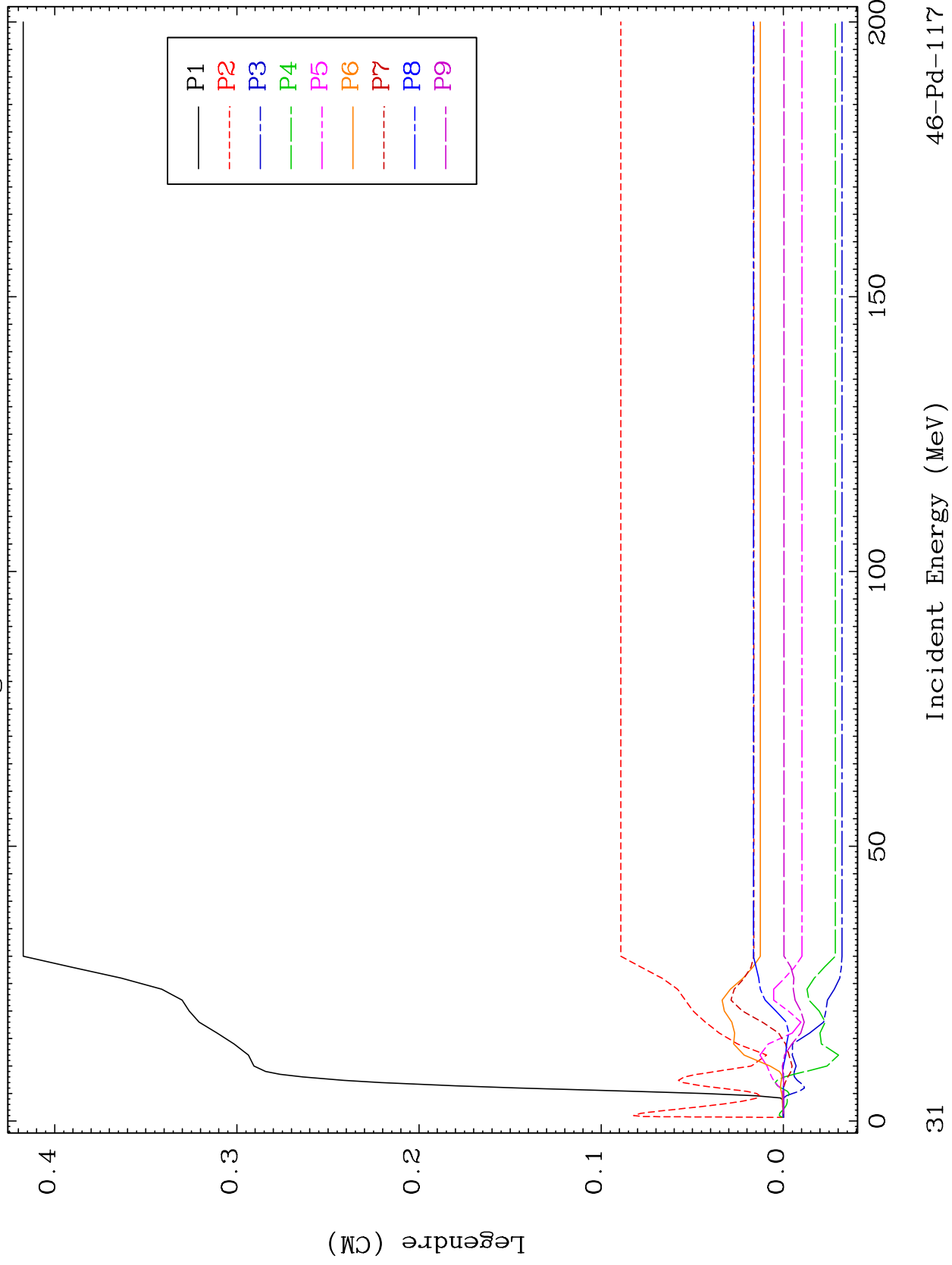
Incident Energy (MeV)

30

MAT 4670

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

46-Pd-117



31

Incident Energy (MeV)

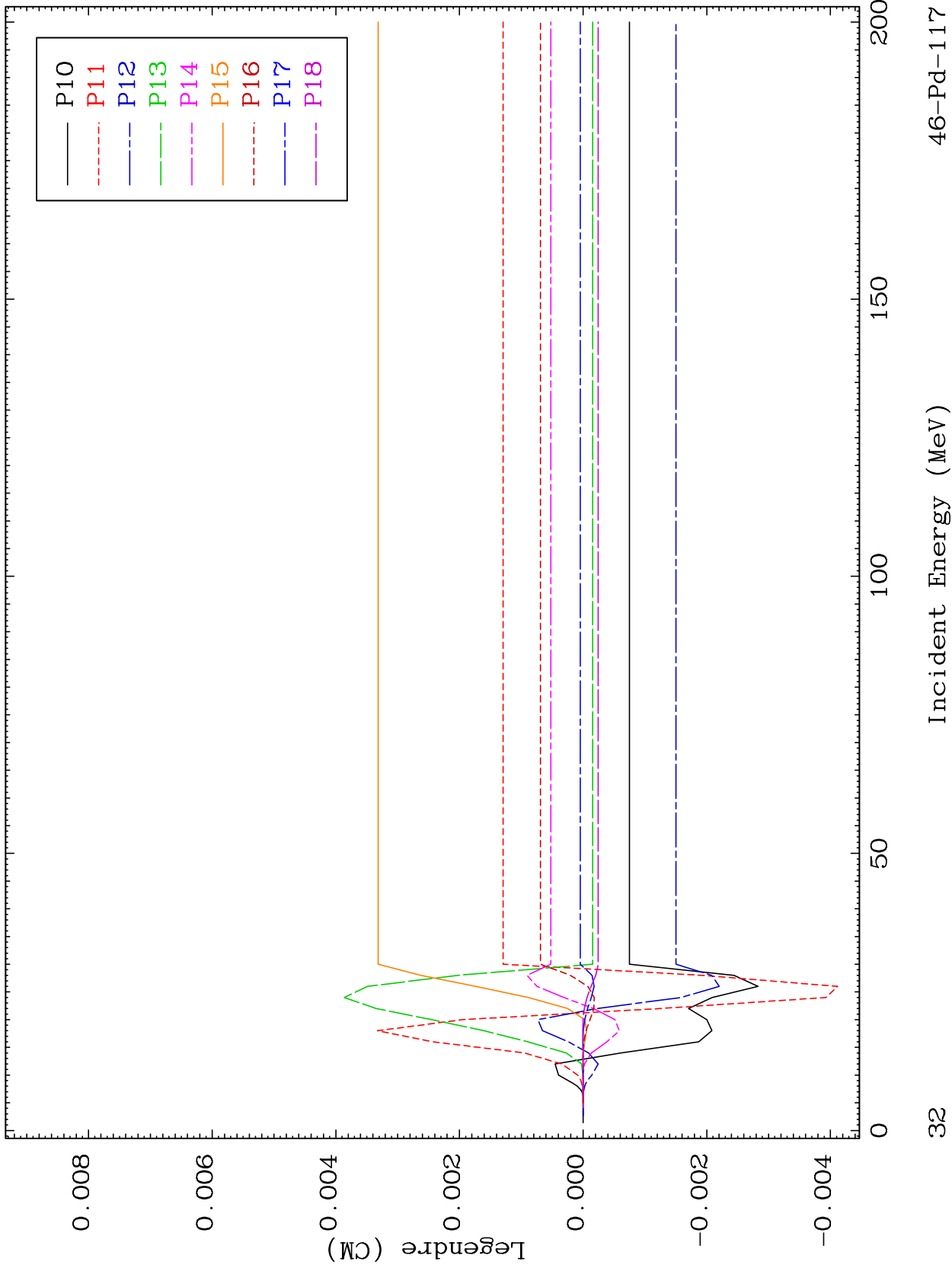
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MAT 4670

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

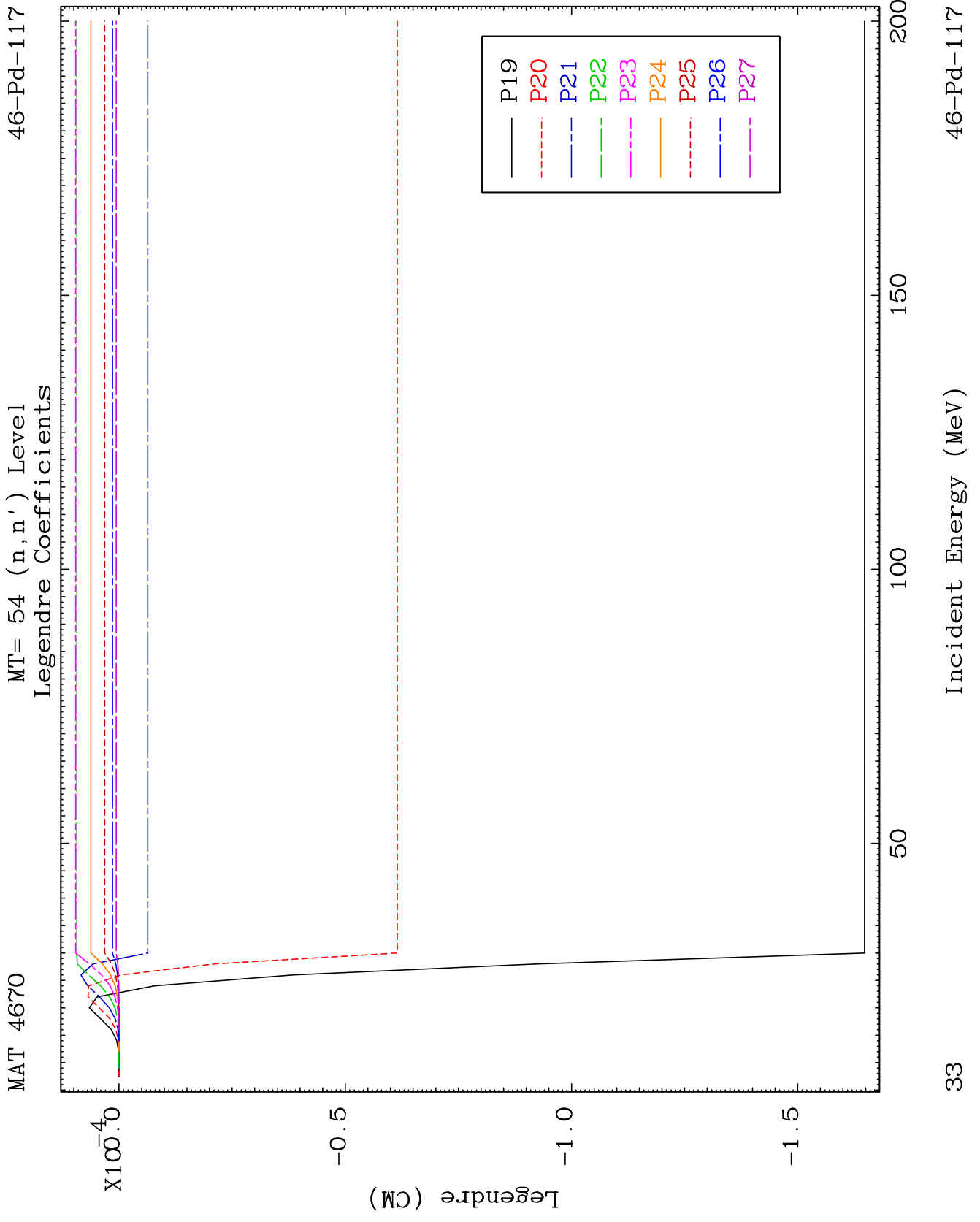
46-Pd-117



32

Incident Energy (MeV)

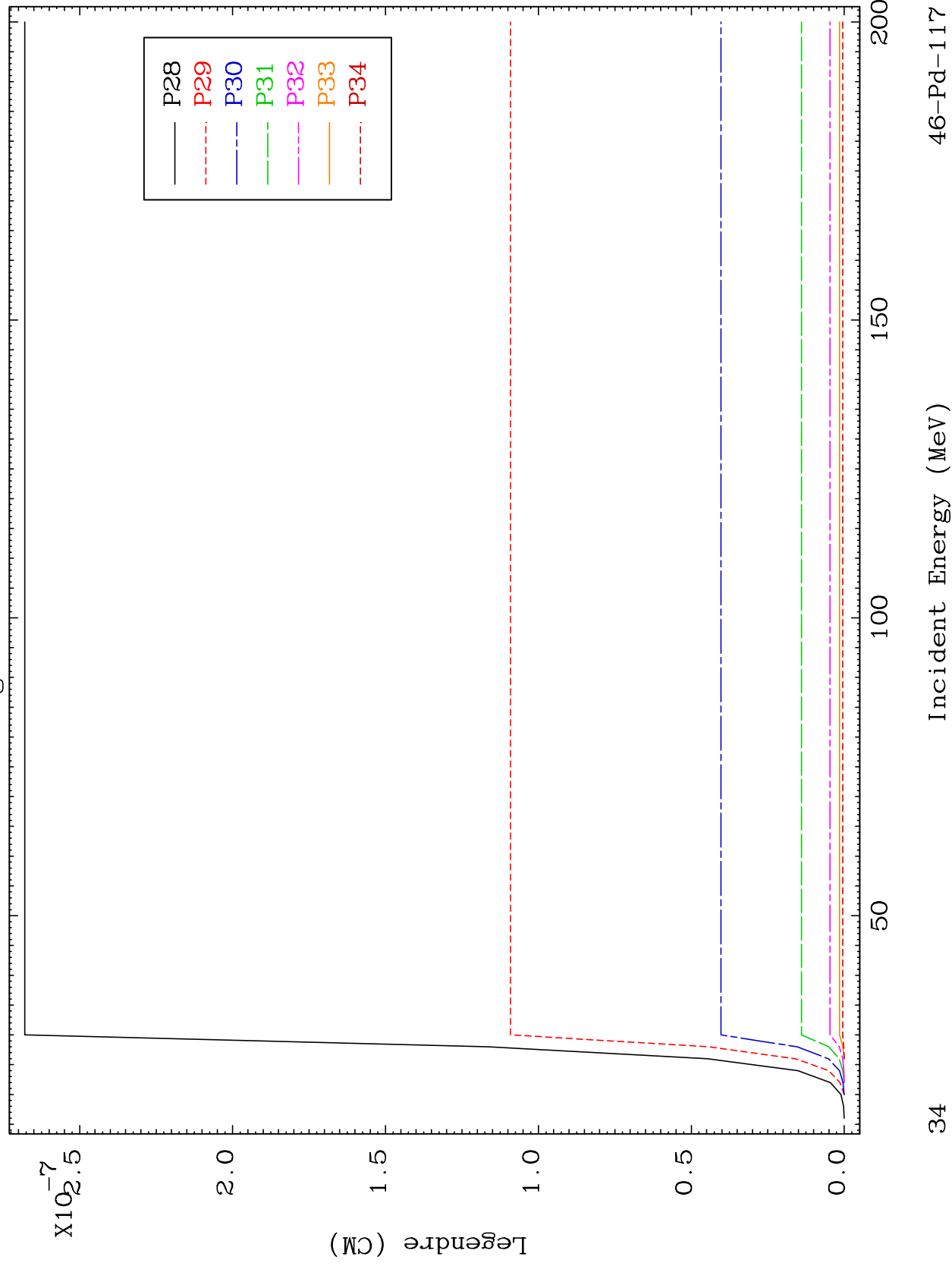
46-Pd-117



MAT 4670

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

46-Pd-117



34

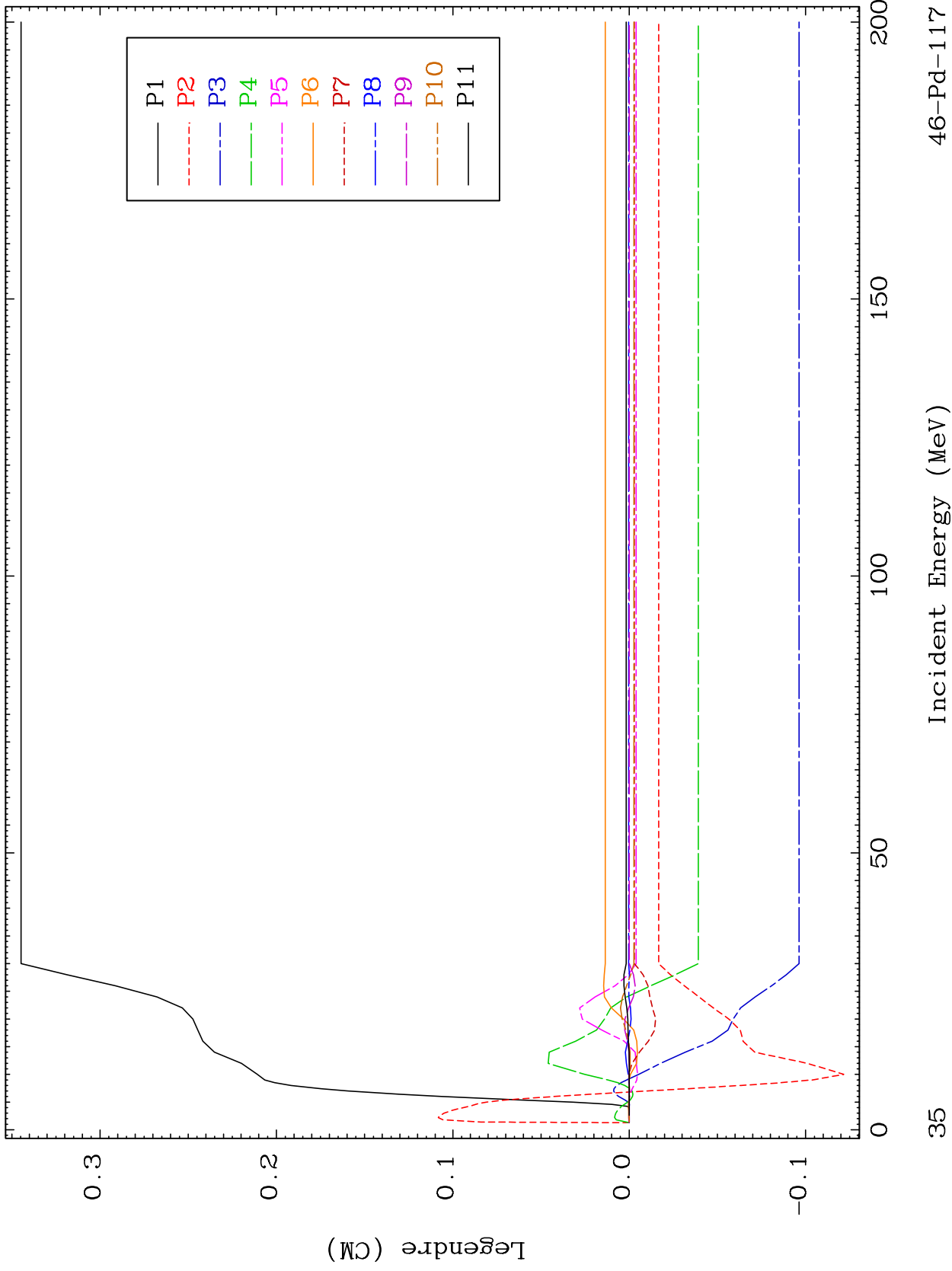
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



46-Pd-117

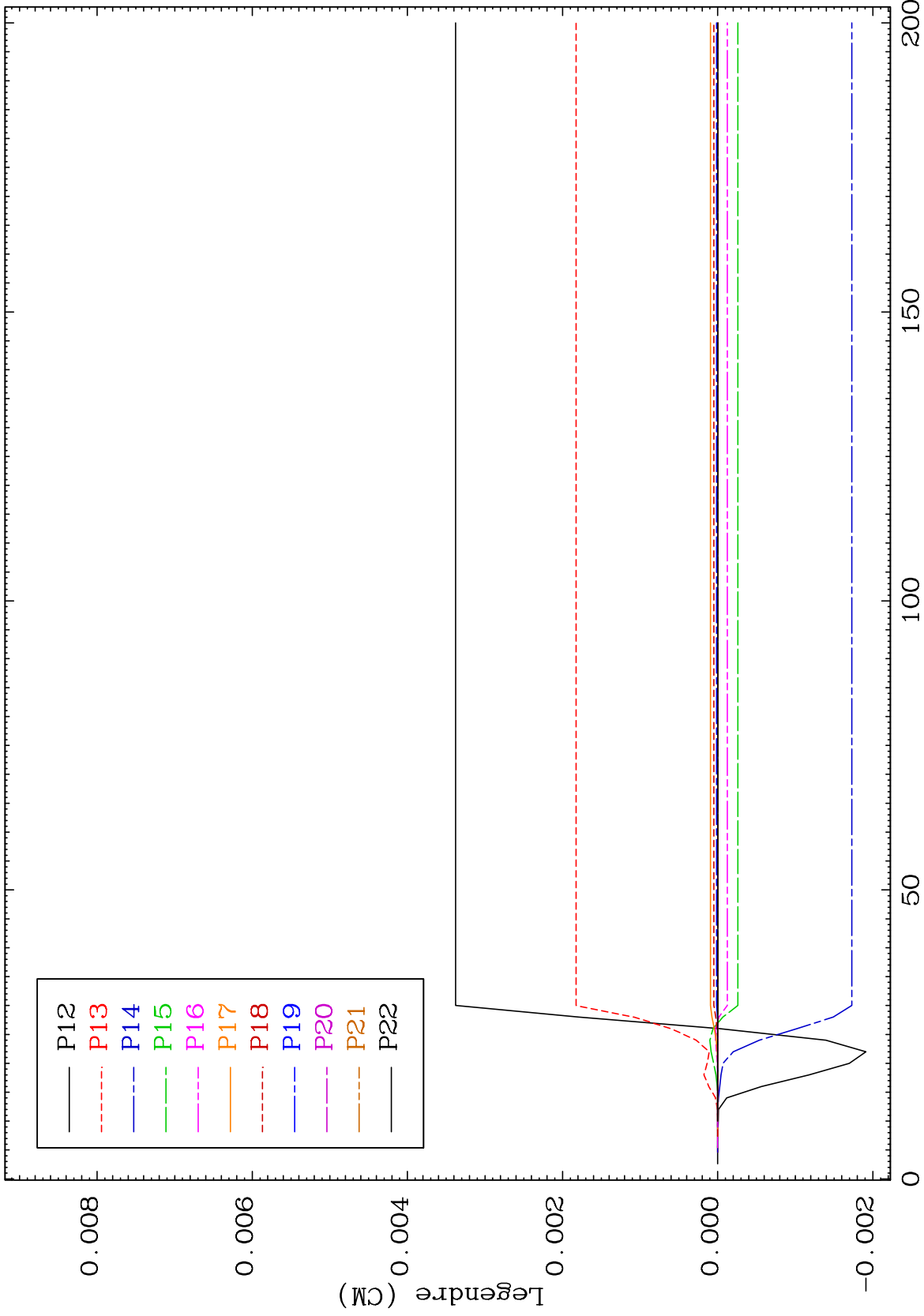
Incident Energy (MeV)

35

MAT 4670

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

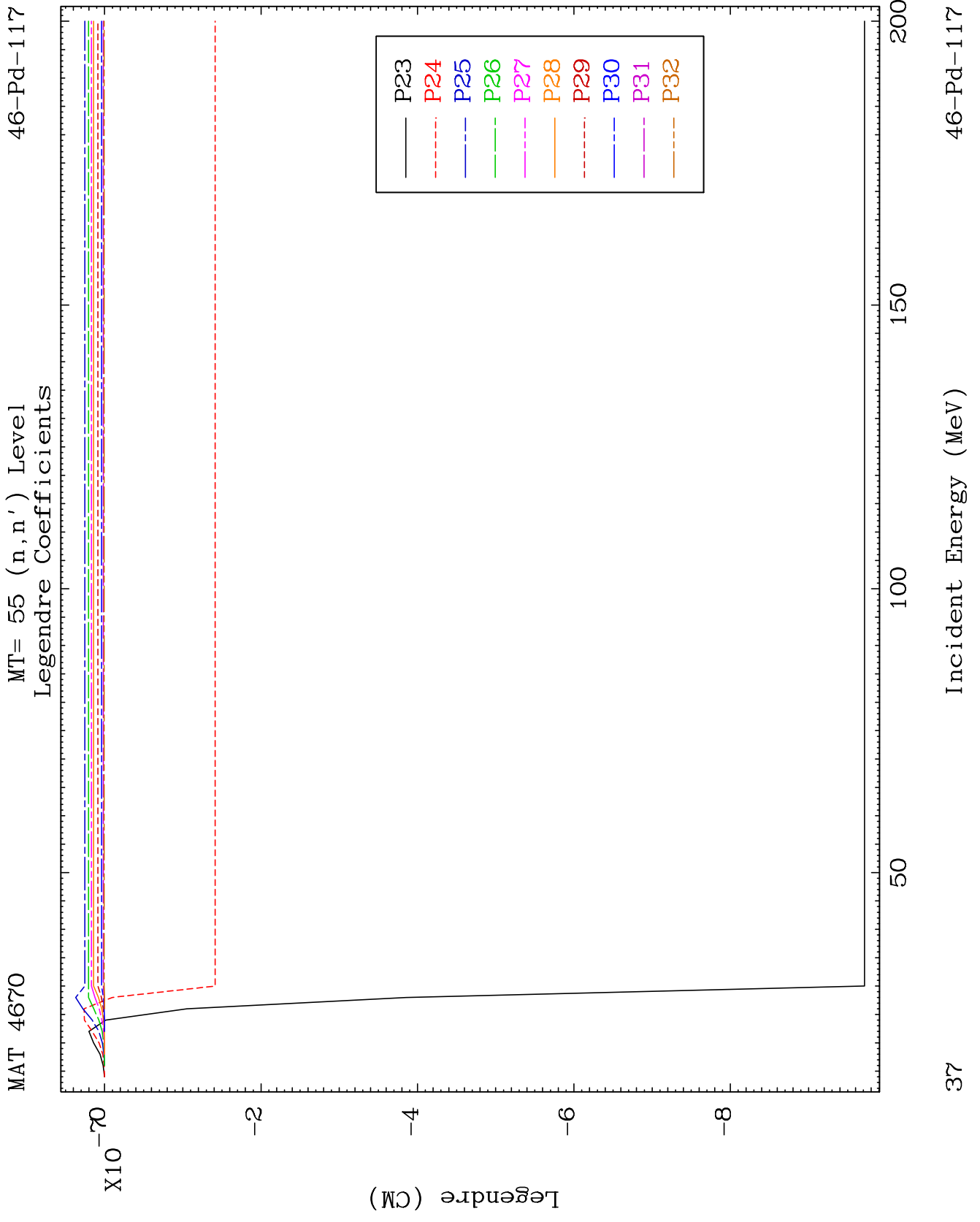
46-Pd-117



36

Incident Energy (MeV)

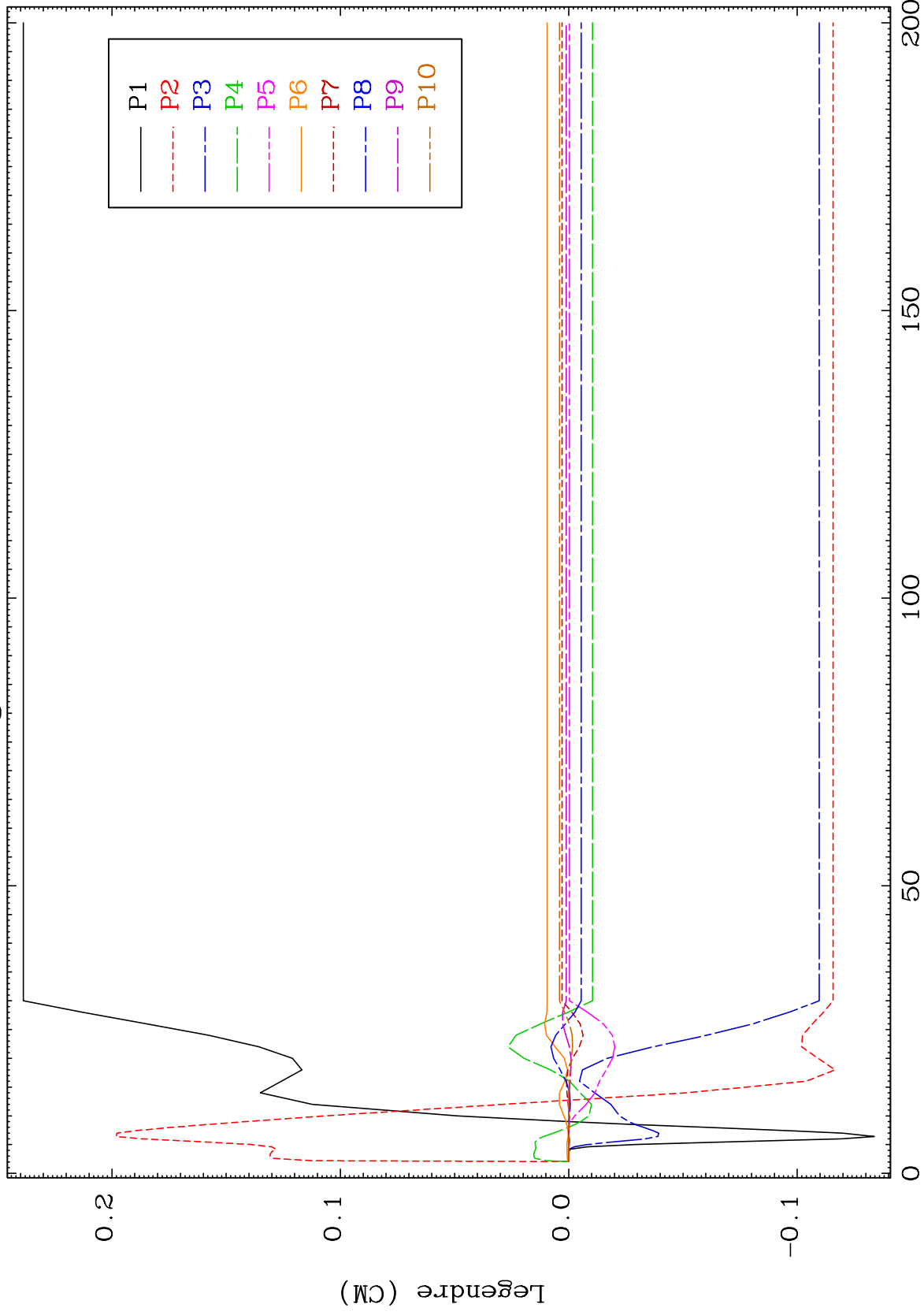
46-Pd-117



MAT 4670

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

46-Pd-117



38

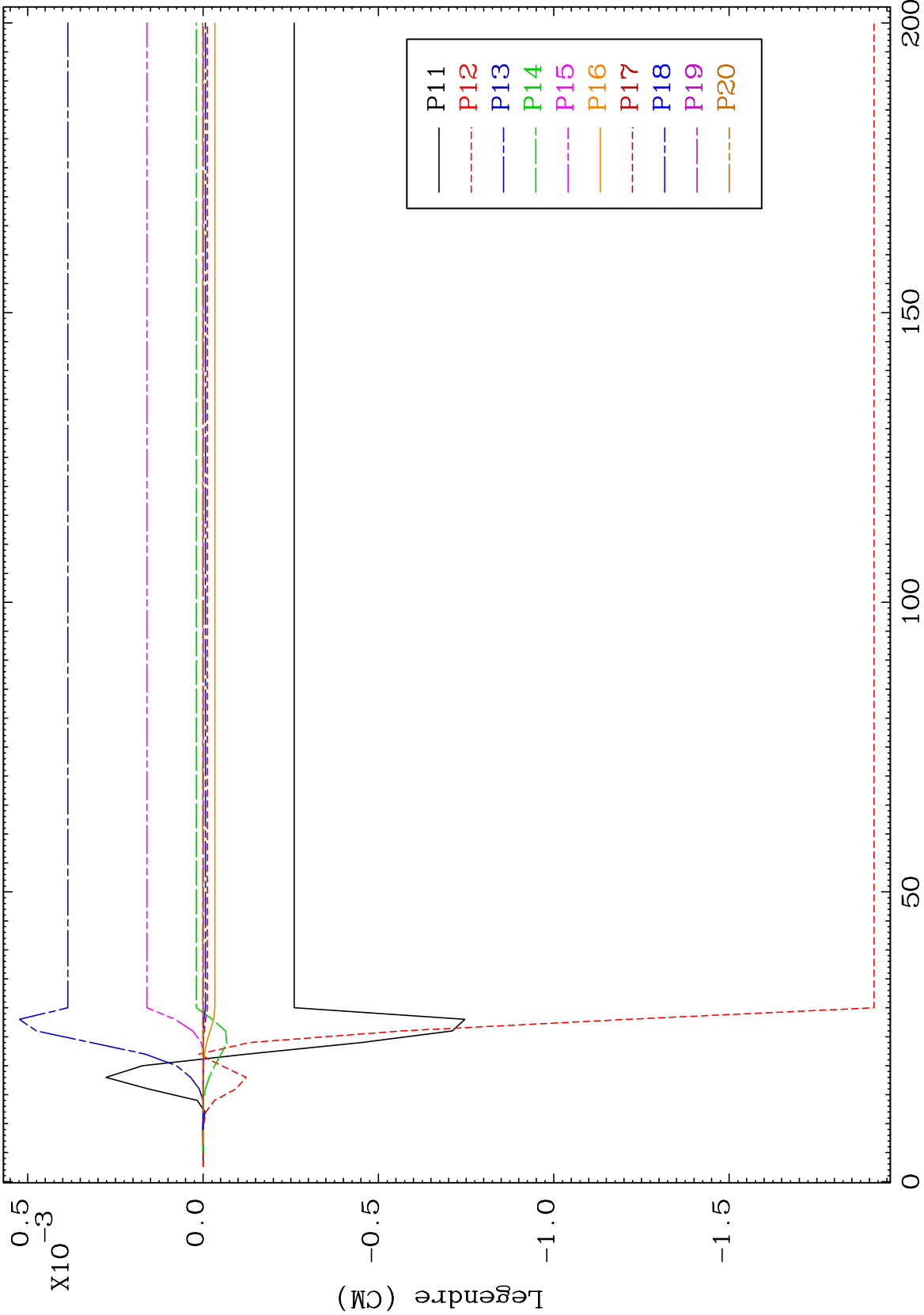
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117

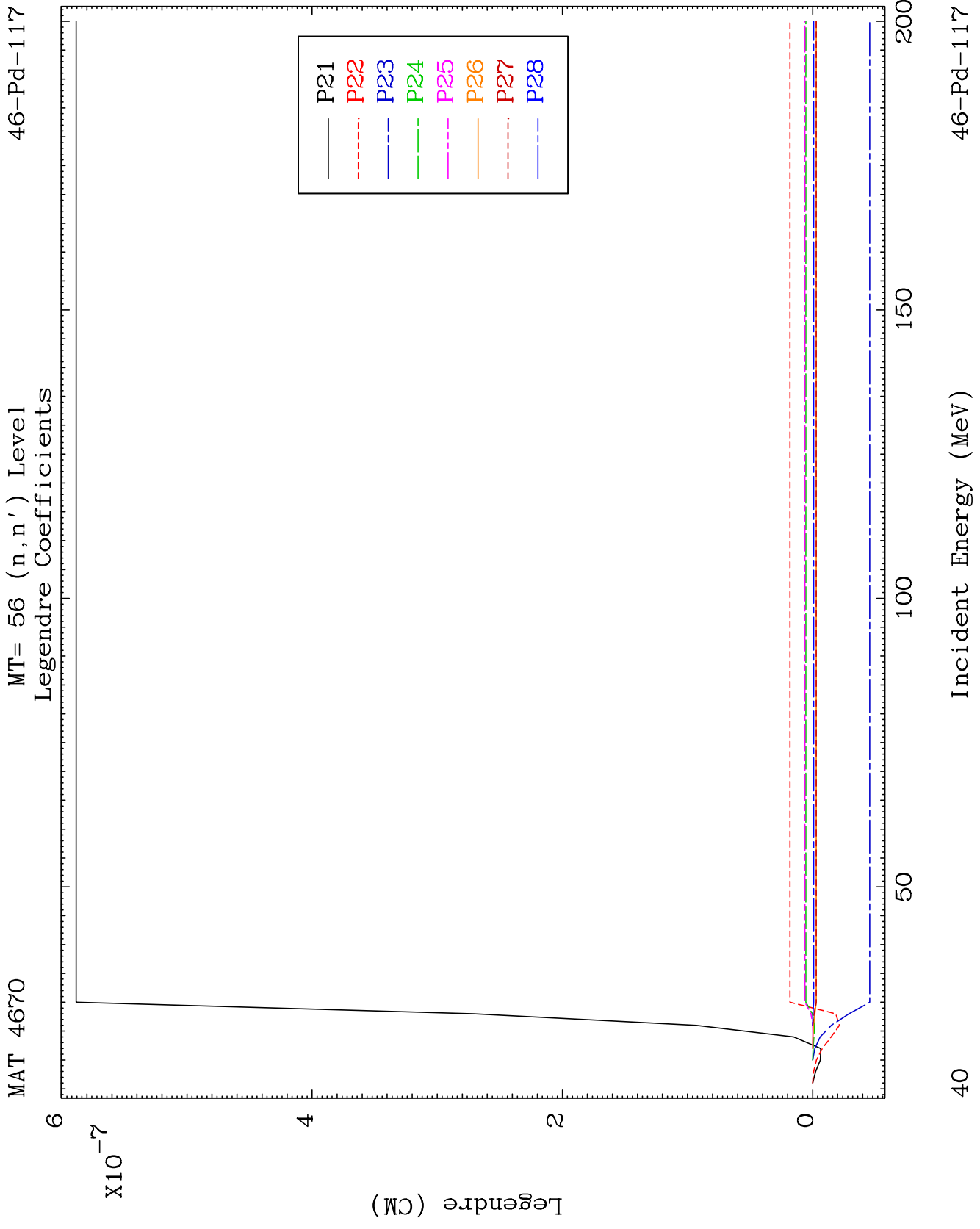


39

Incident Energy (MeV)

46-Pd-117

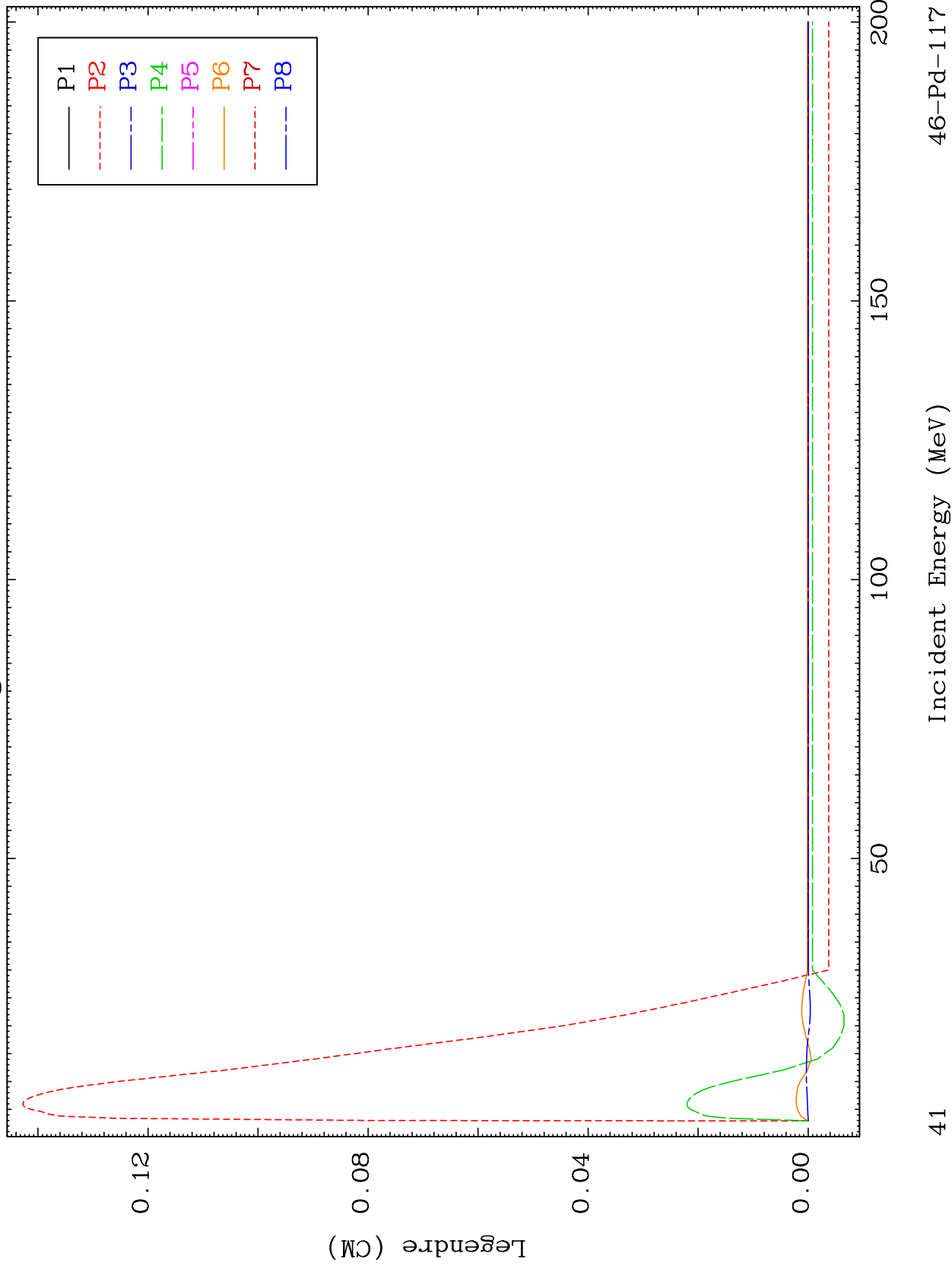




MAT 4670

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

46-Pd-117

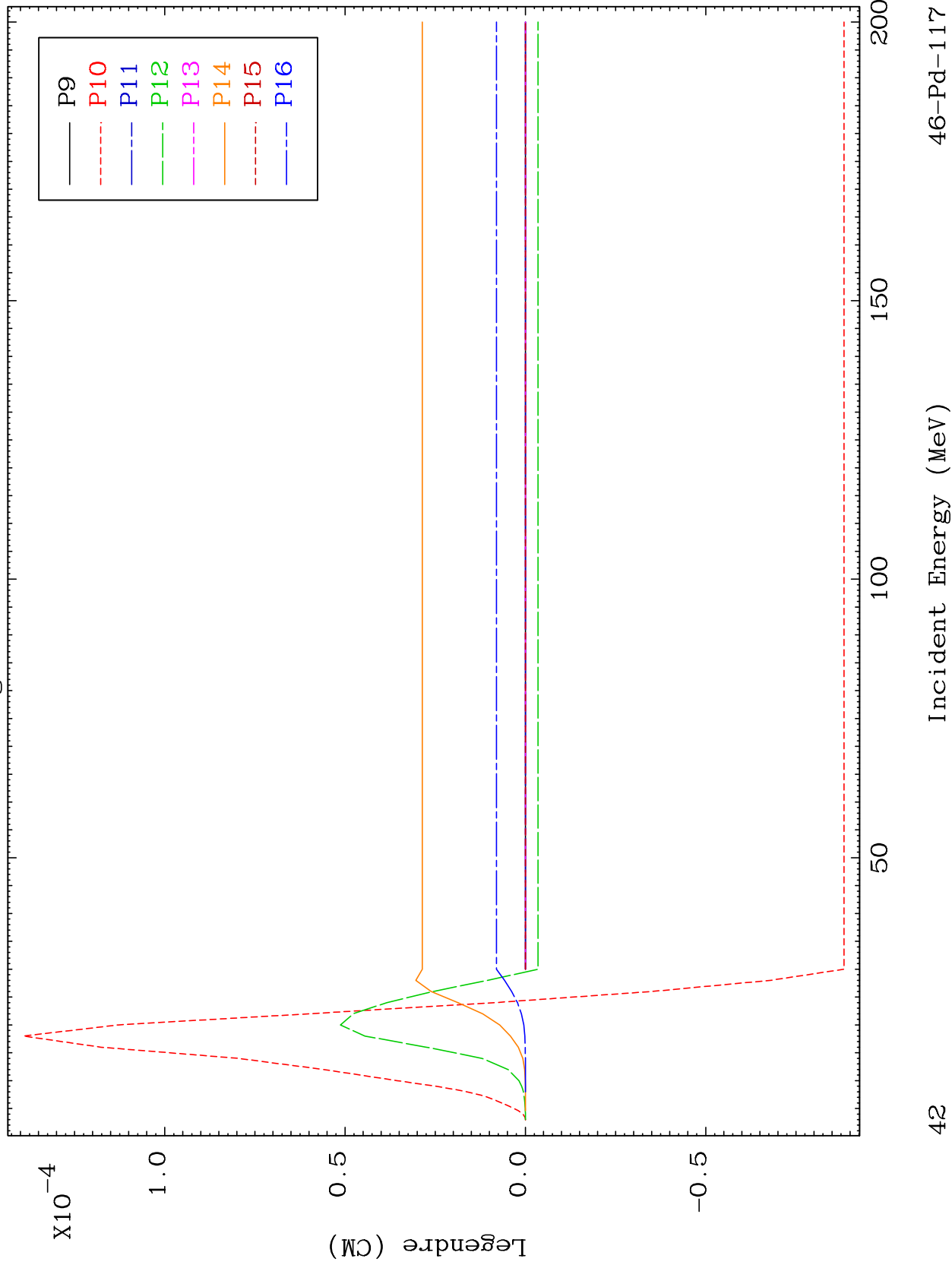


41

MAT 4670

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

46-Pd-117



42

Incident Energy (MeV)

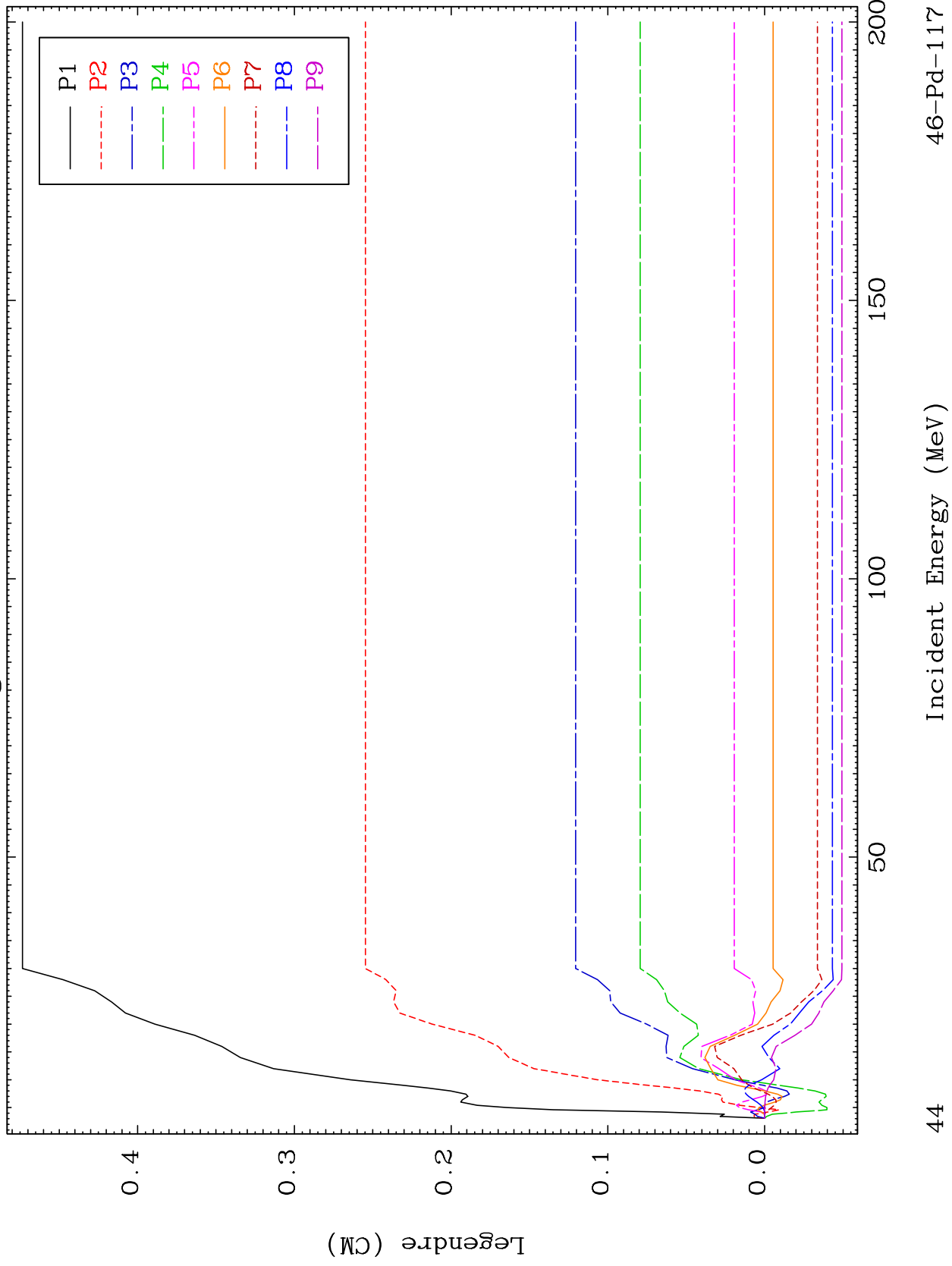
46-Pd-117



MAT 4670

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

46-Pd-117



44

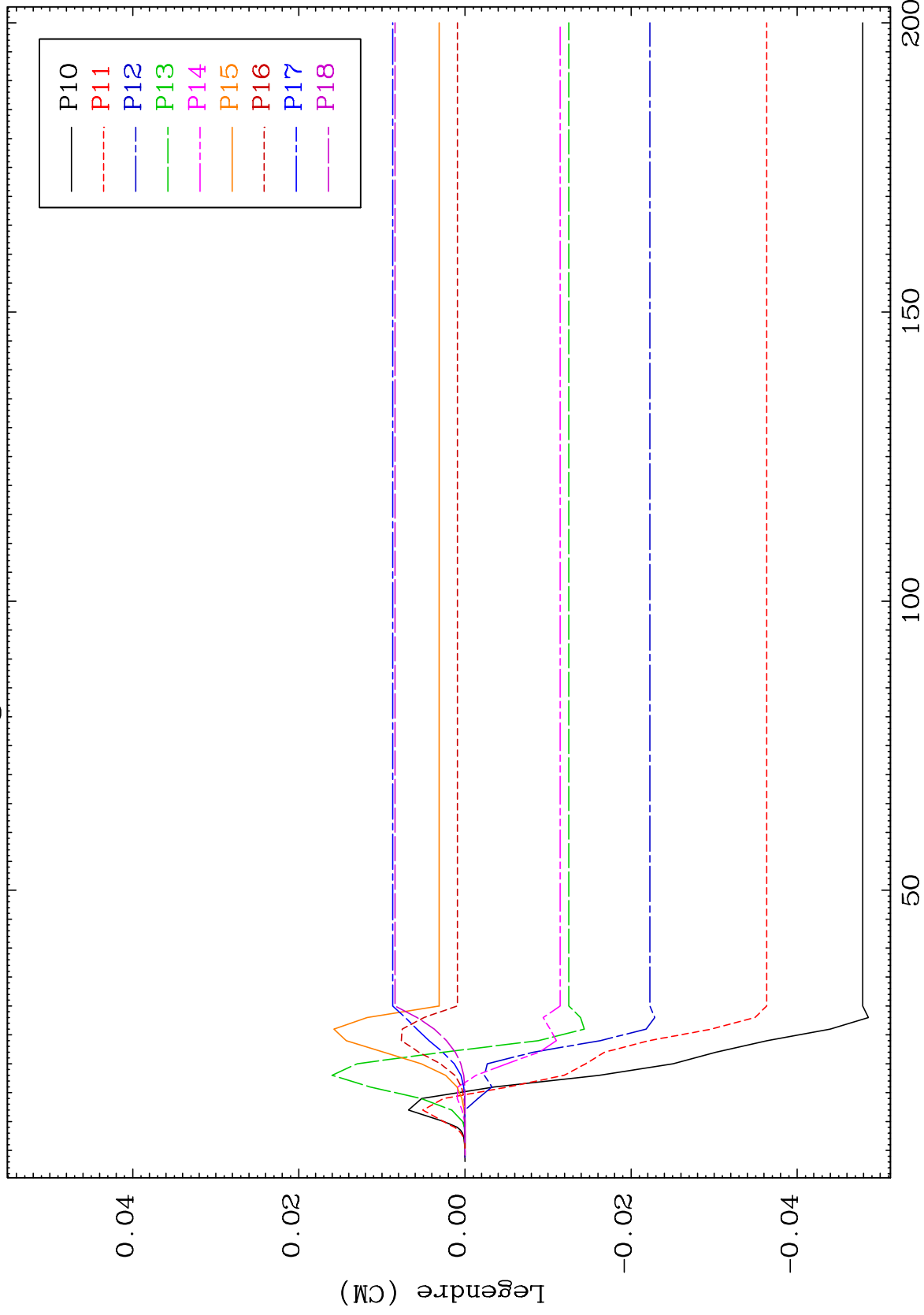
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



45

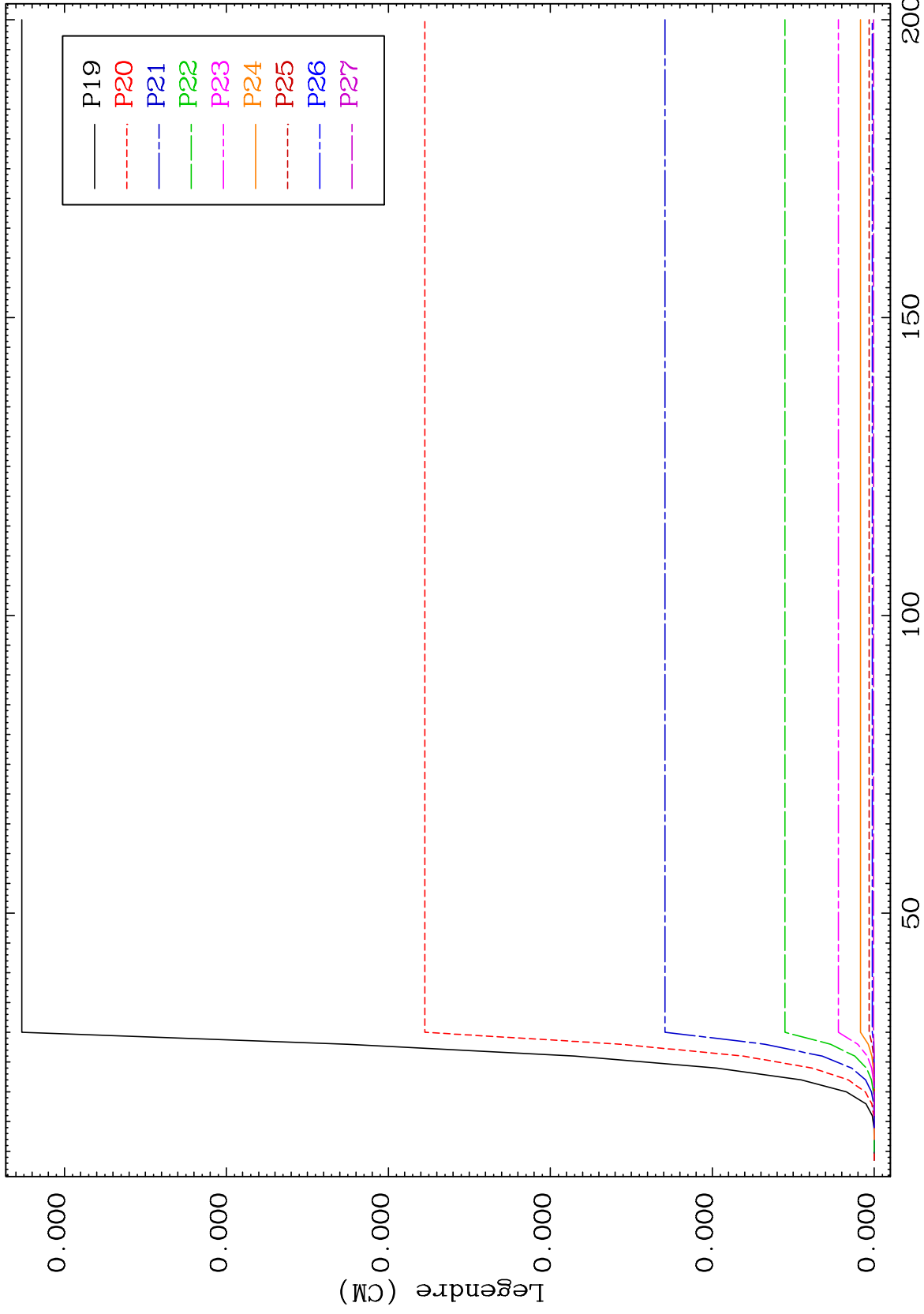
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



46

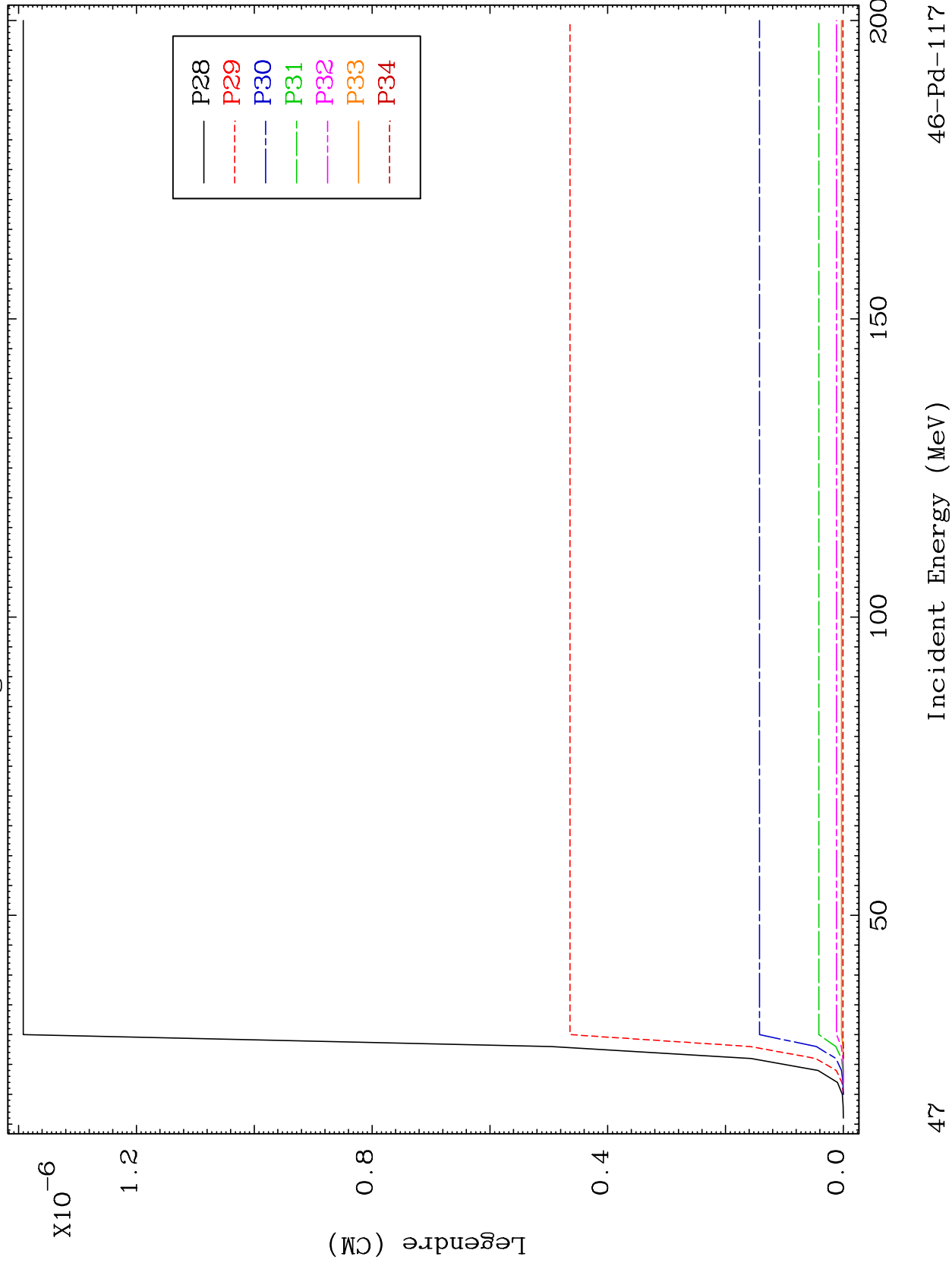
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



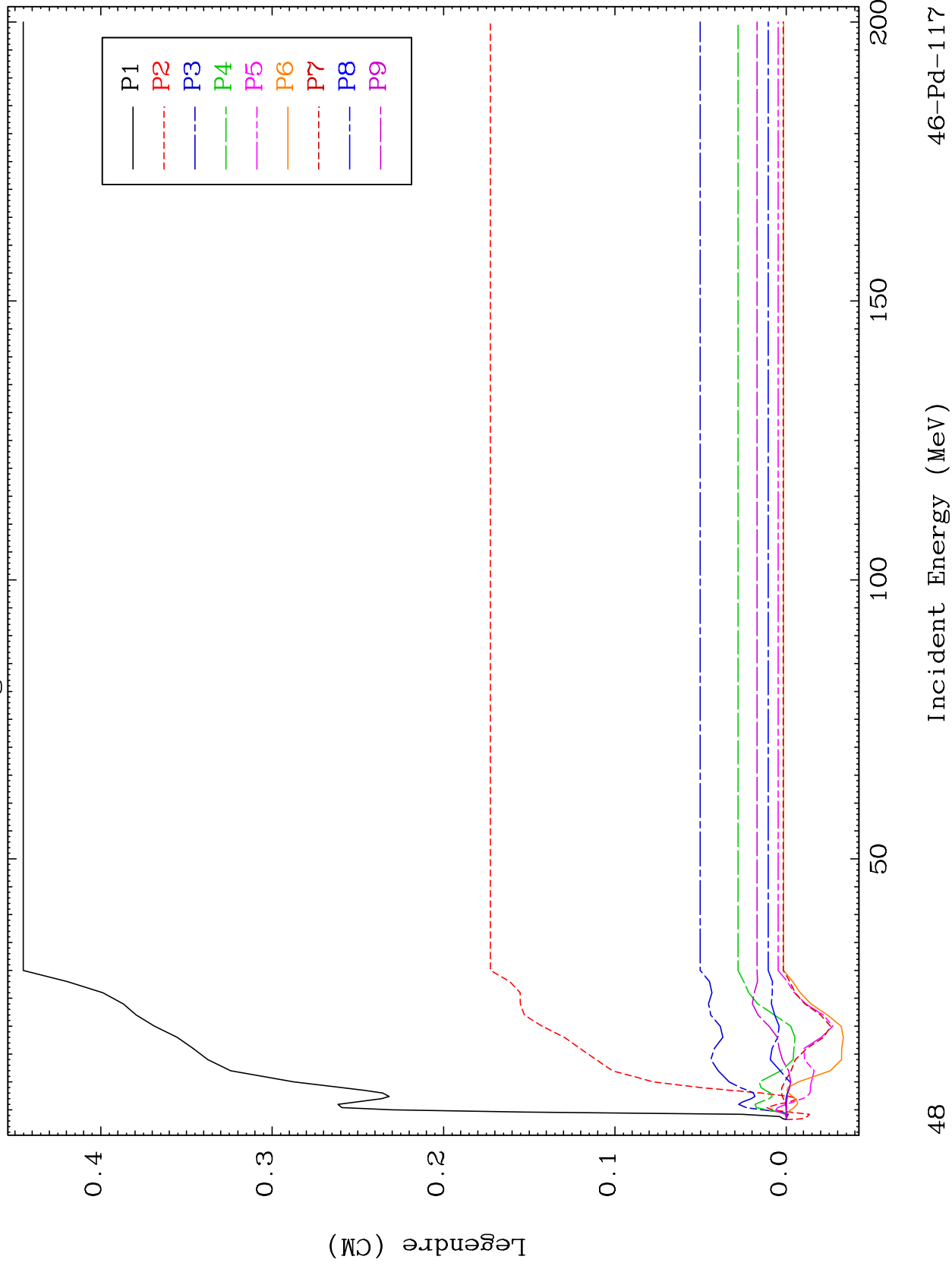
47



MAT 4670

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

46-Pd-117



46-Pd-117

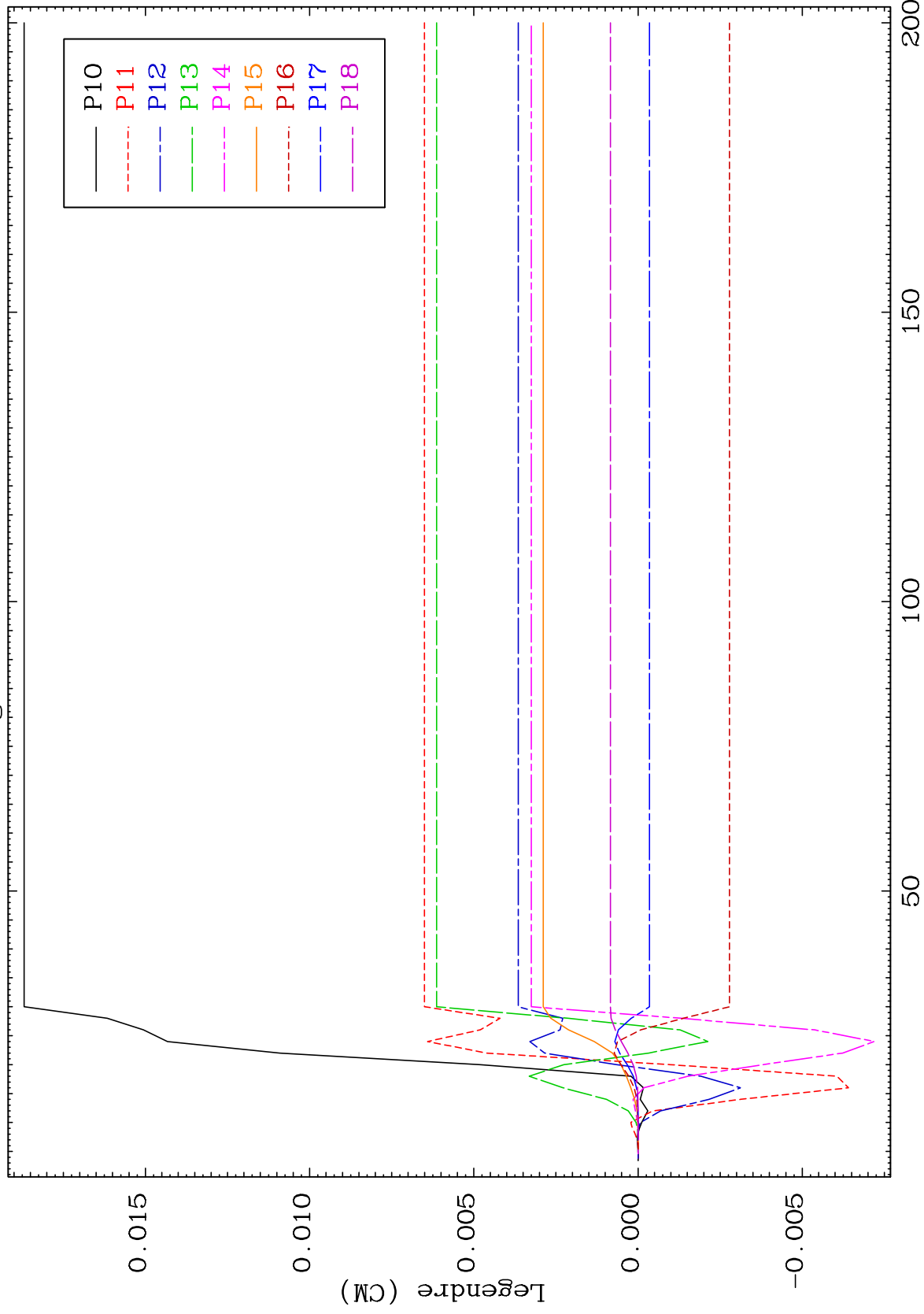
Incident Energy (MeV)

48

MAT 4670

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

46-Pd-117



49

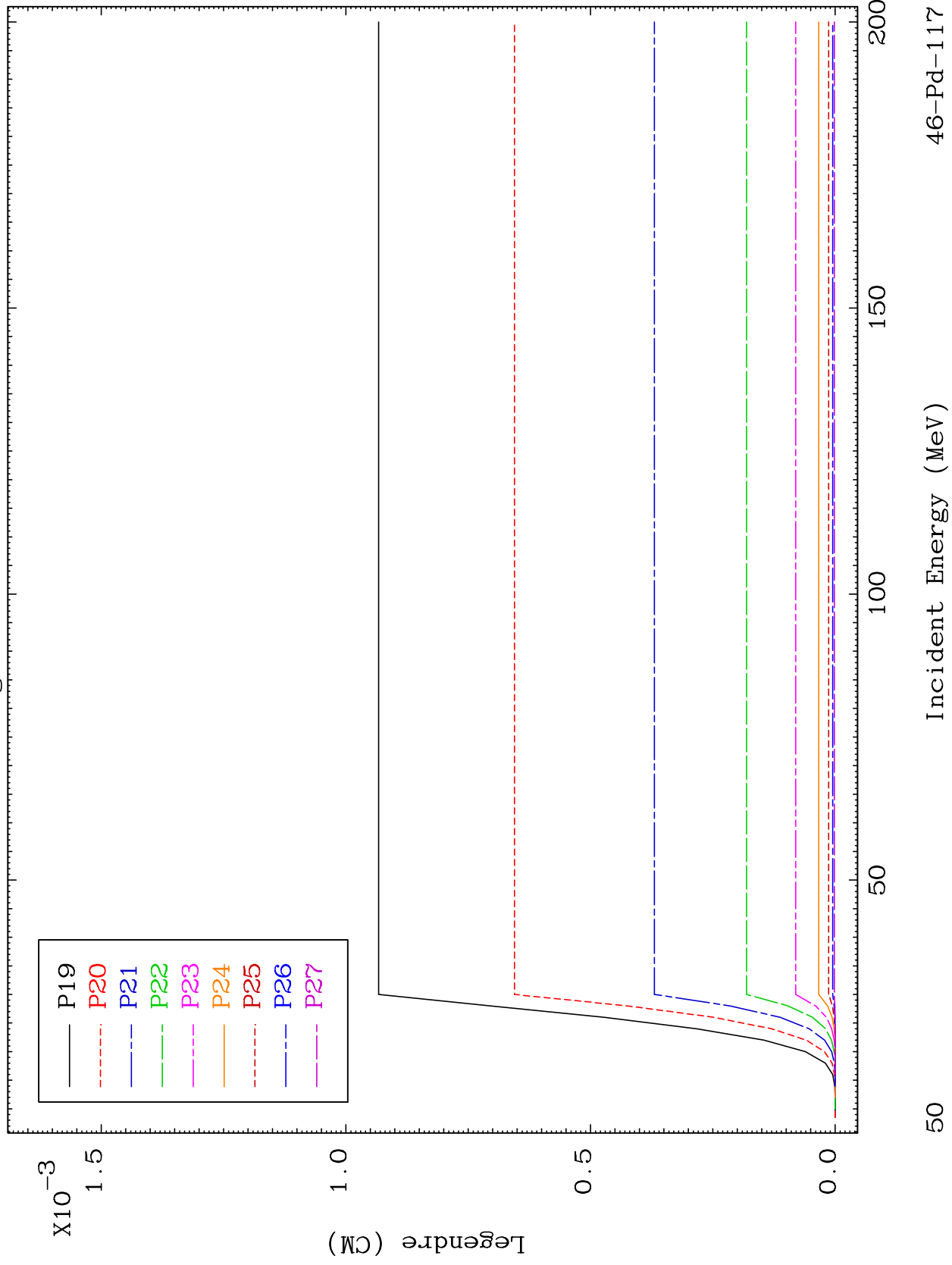
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

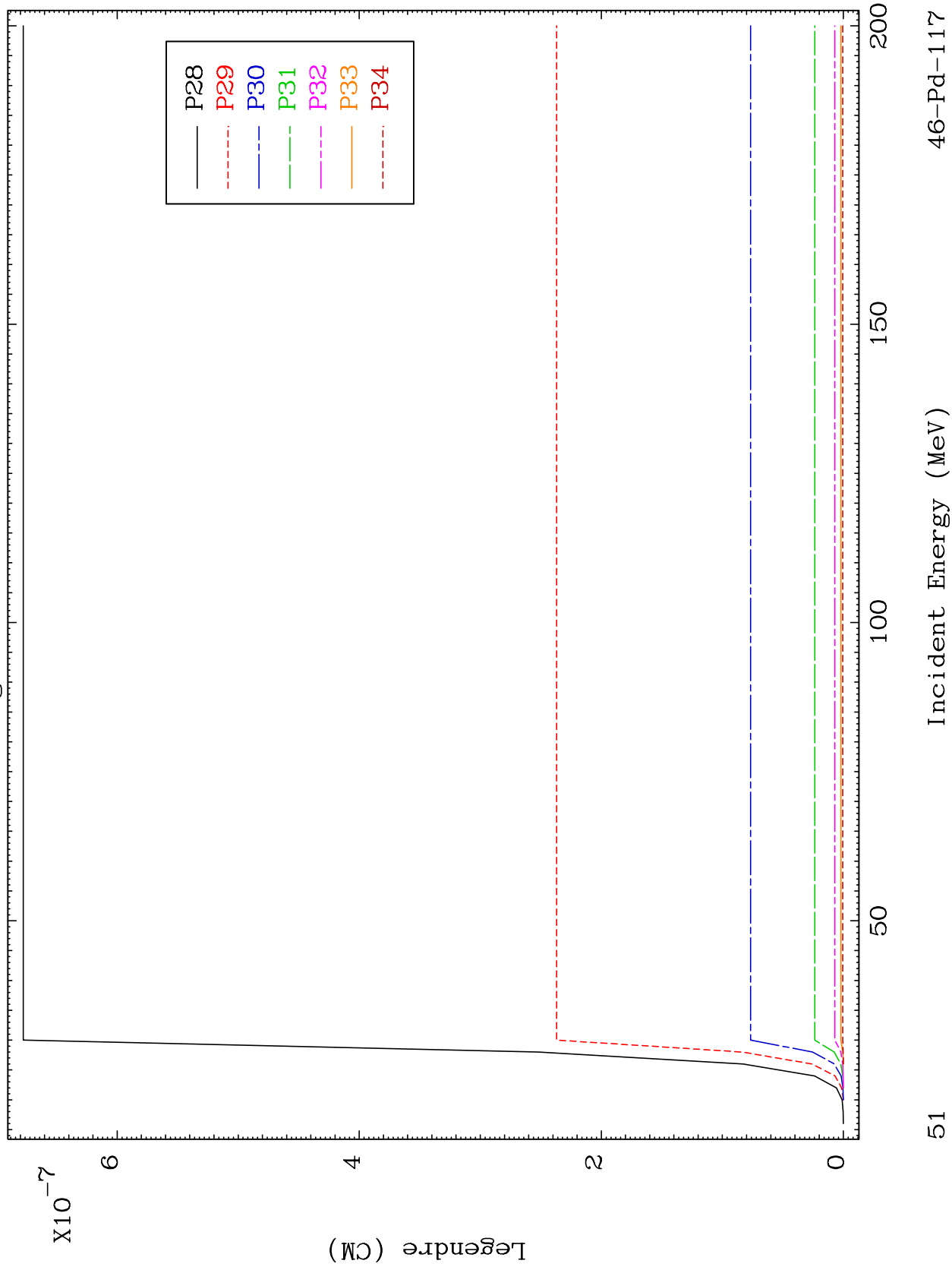
46-Pd-117



MAT 4670

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

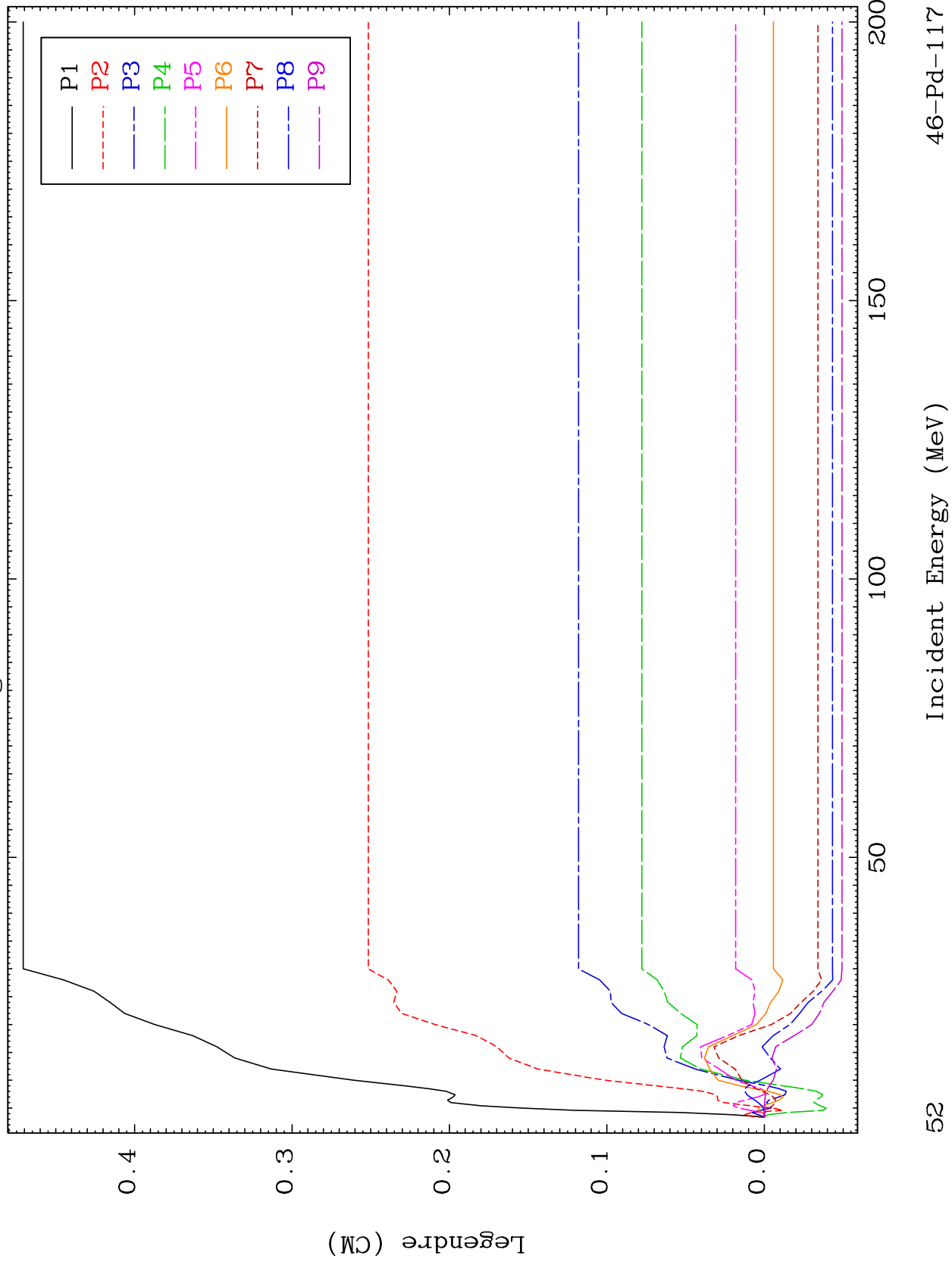
46-Pd-117



MAT 4670

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

46-Pd-117

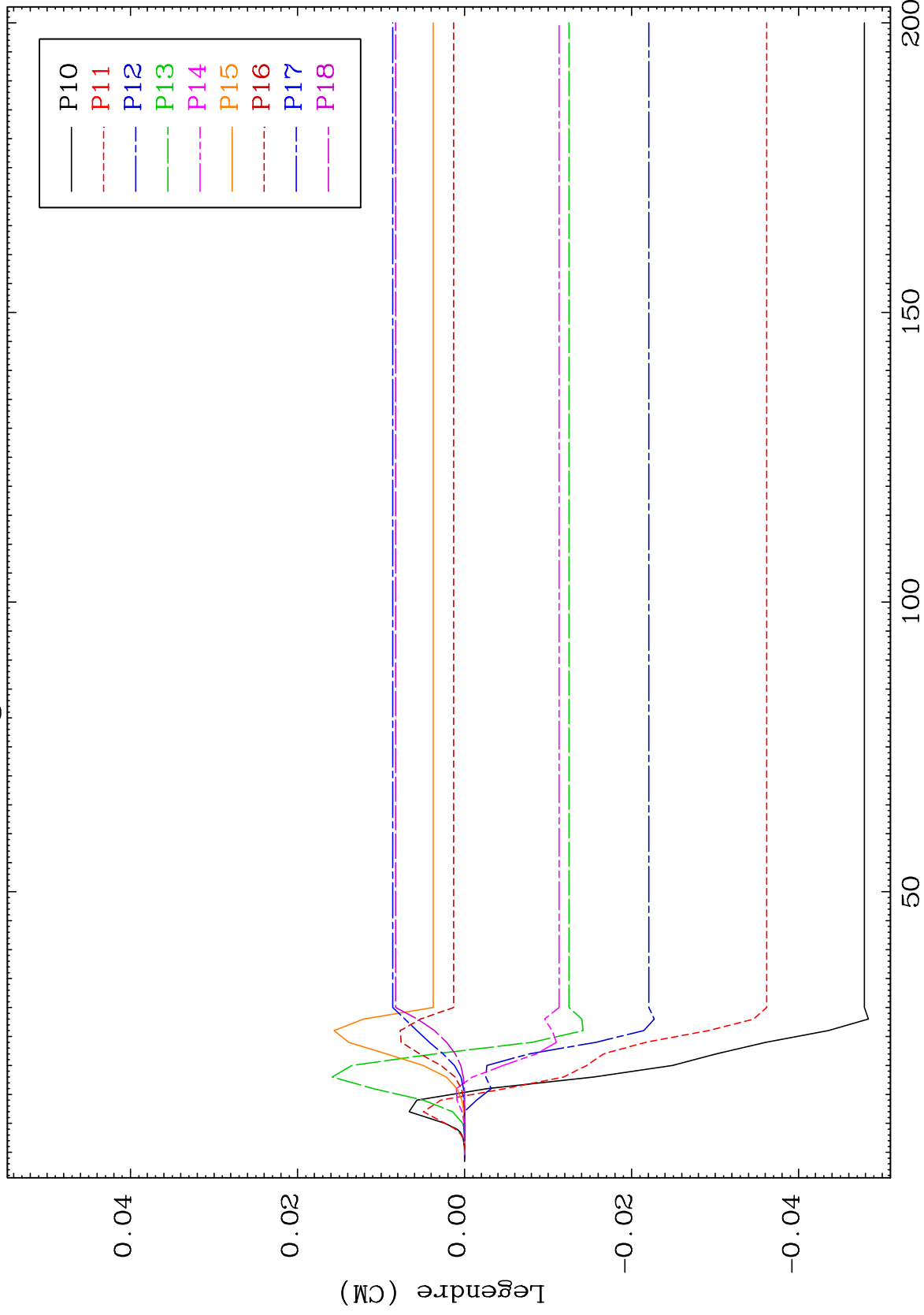


52

MAT 4670

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

46-Pd-117



53

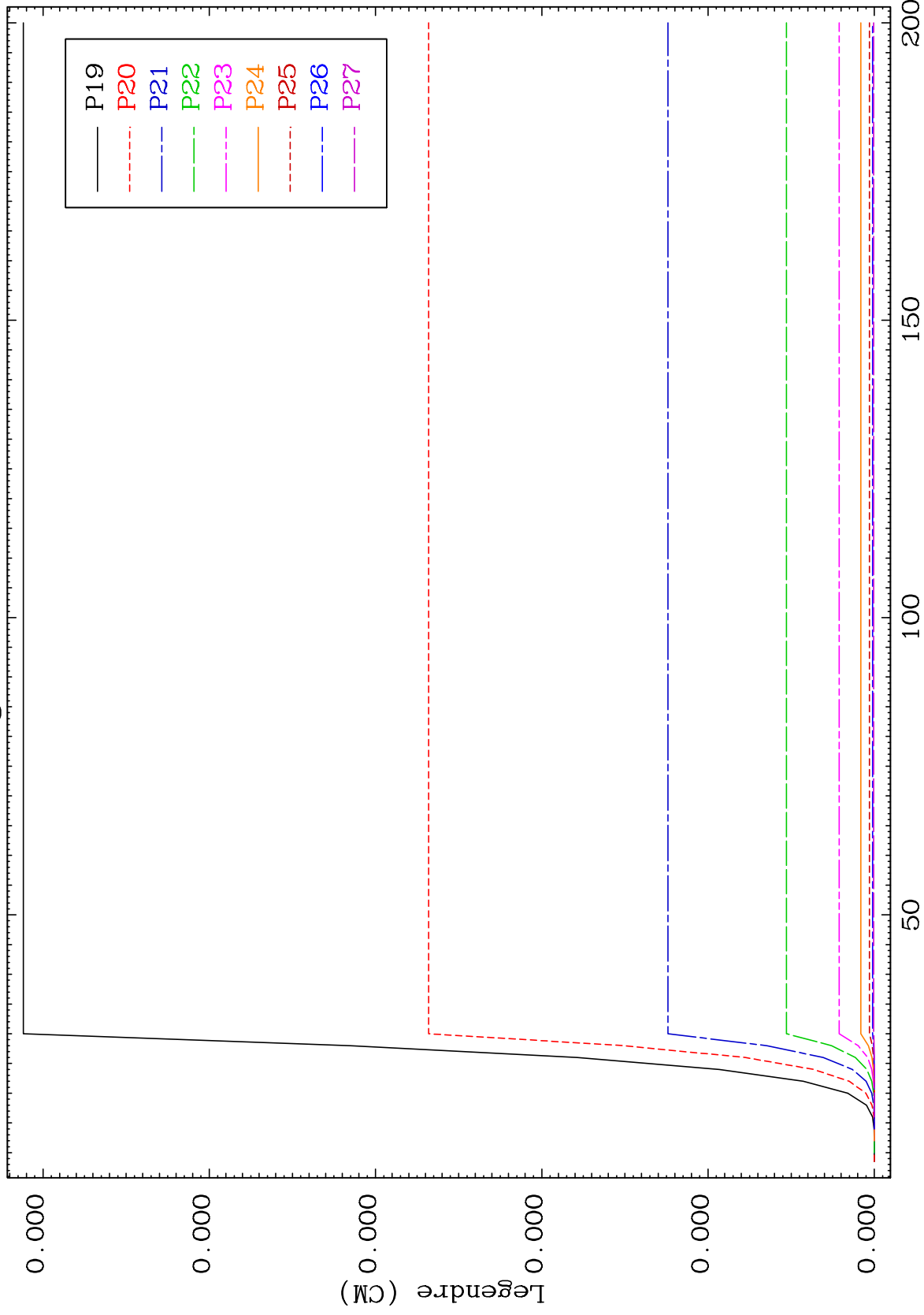
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



54

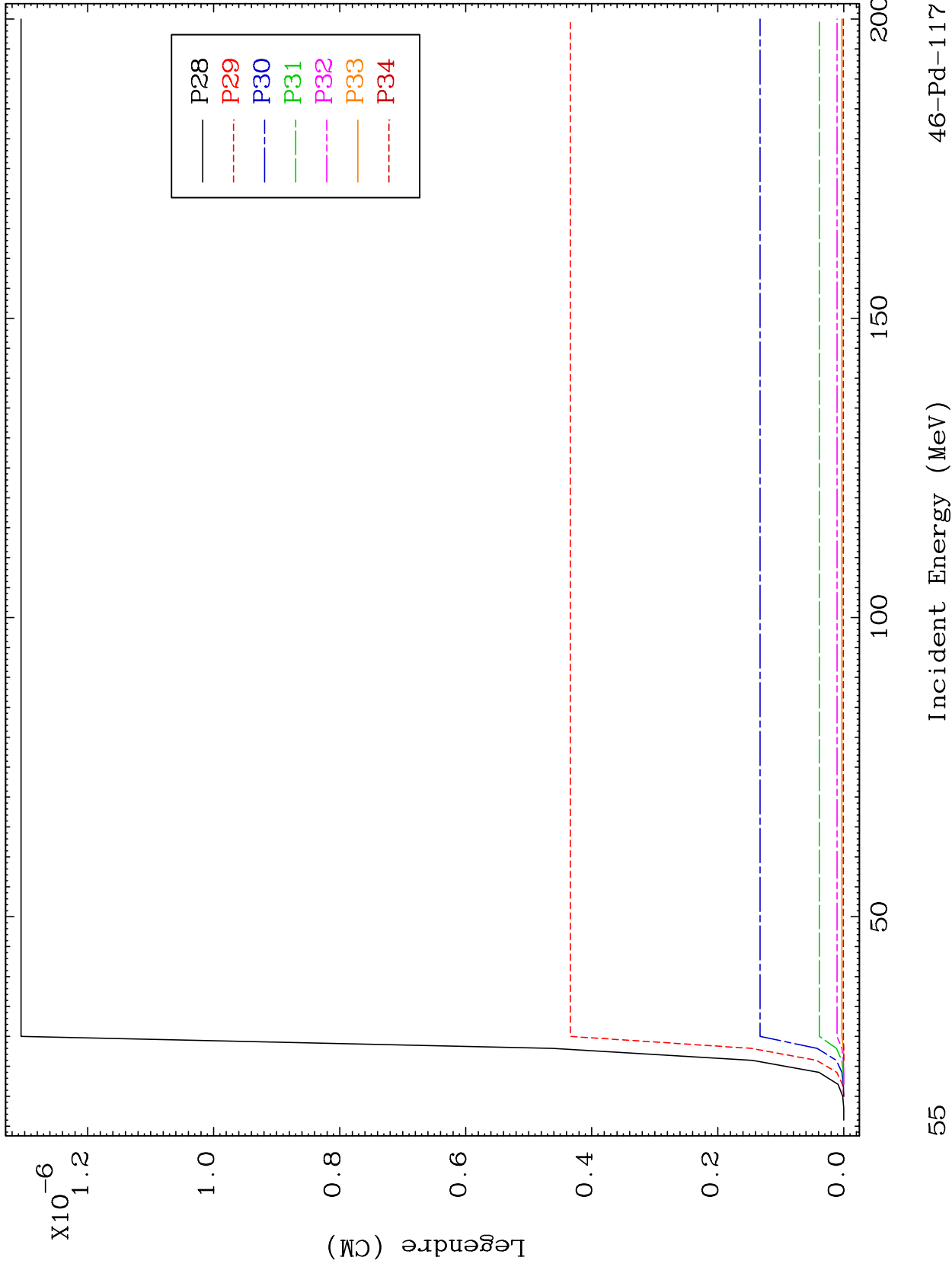
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117

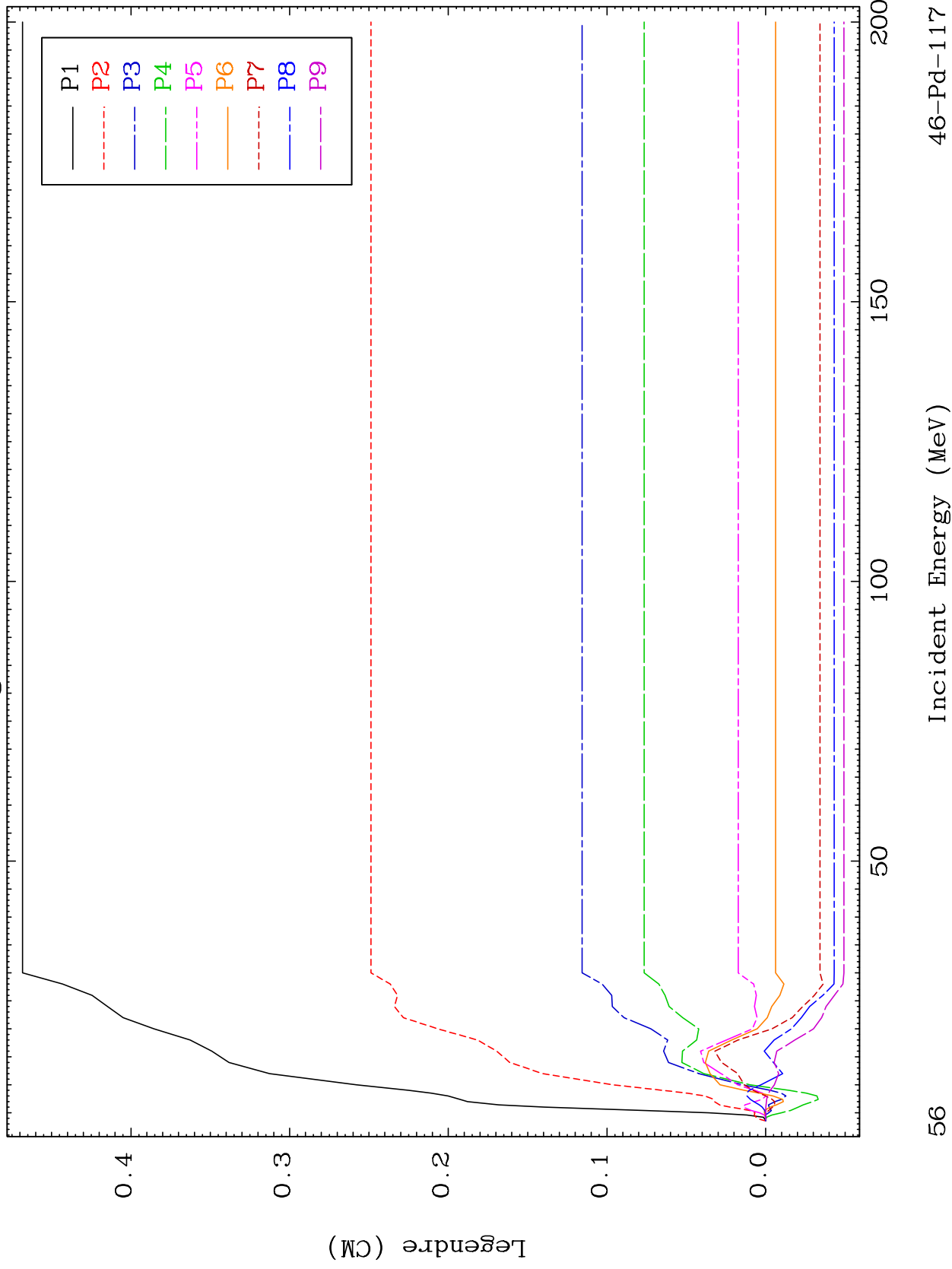


55

Incident Energy (MeV)

46-Pd-117

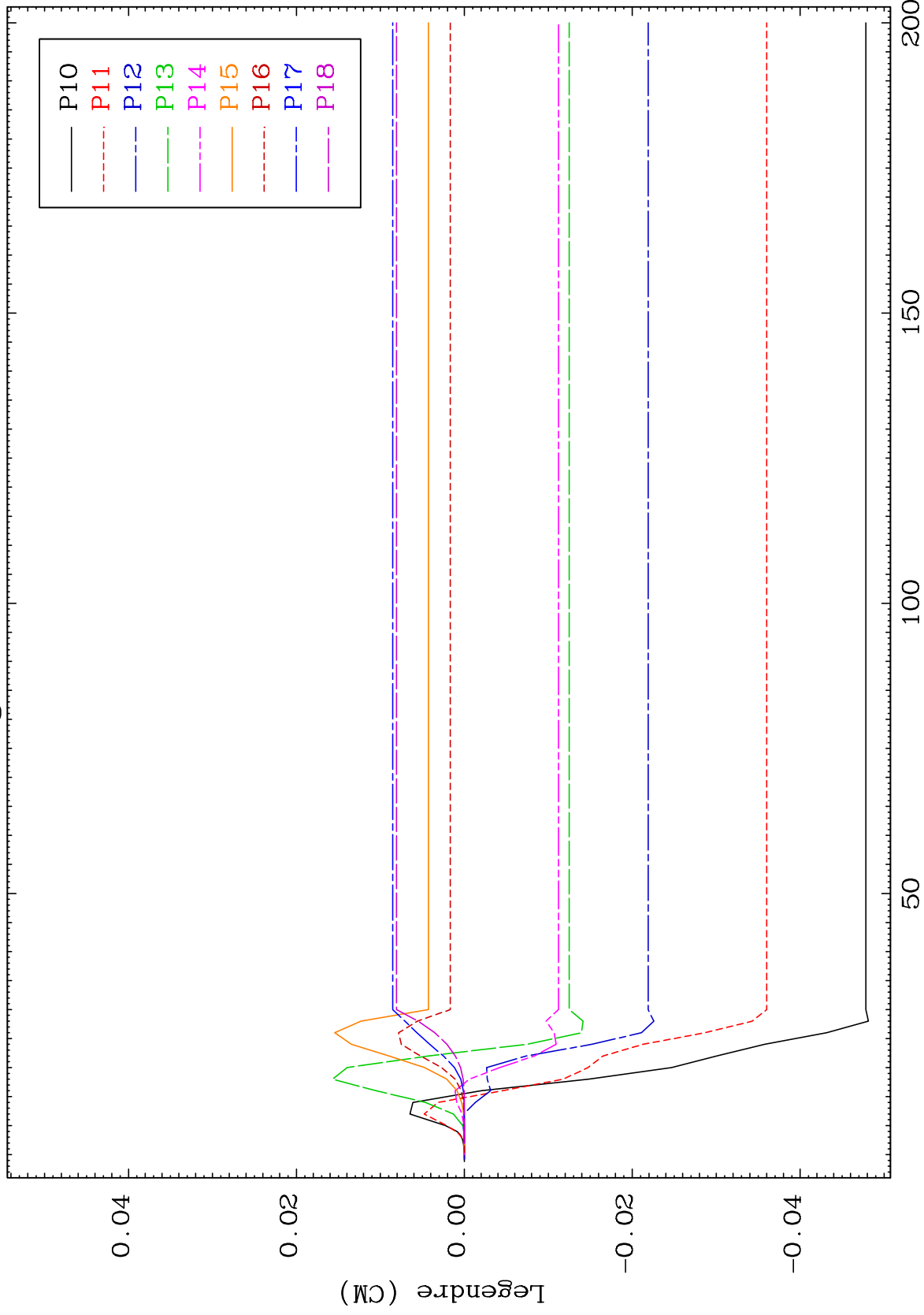




MAT 4670

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

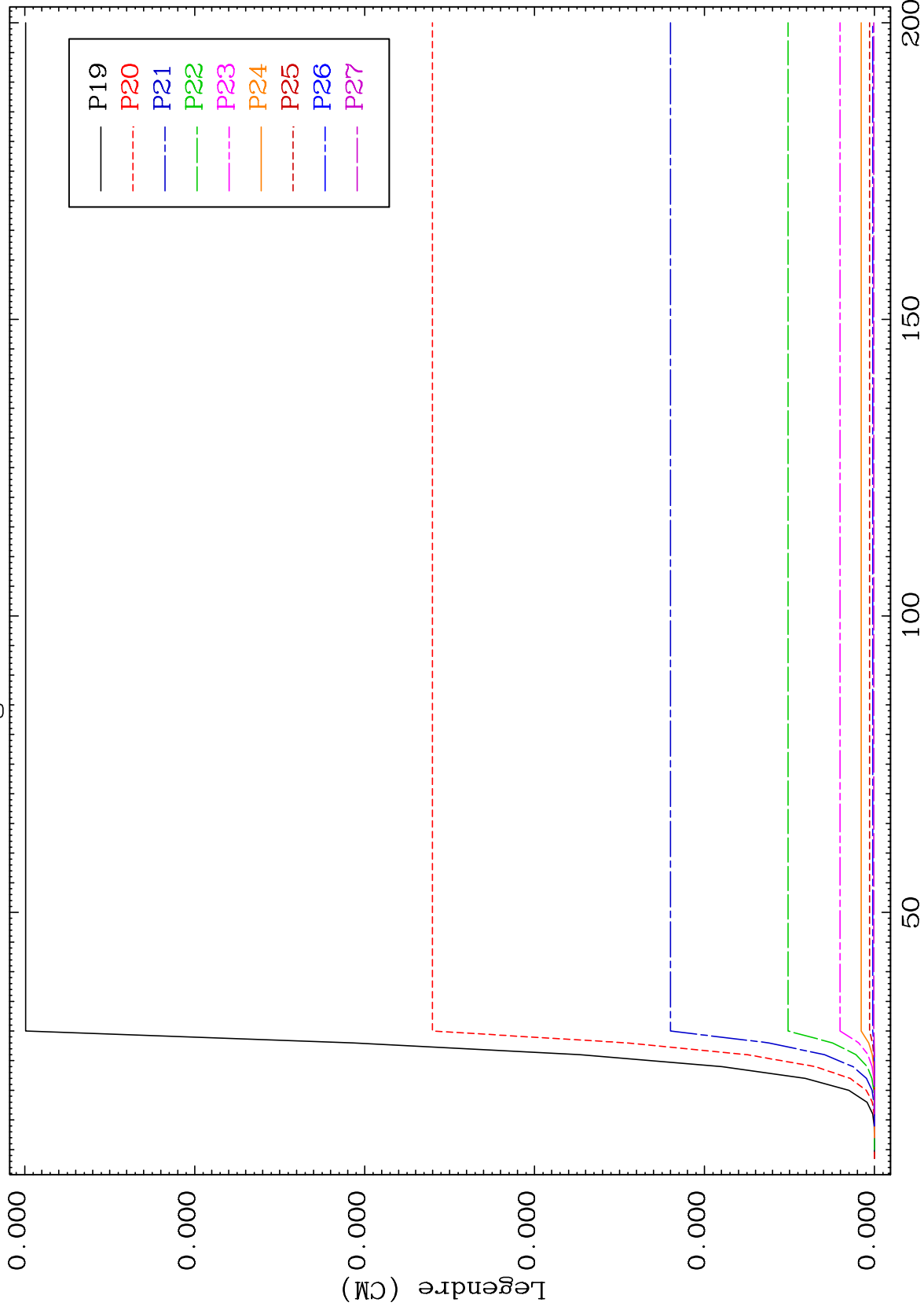
46-Pd-117



57

Incident Energy (MeV)

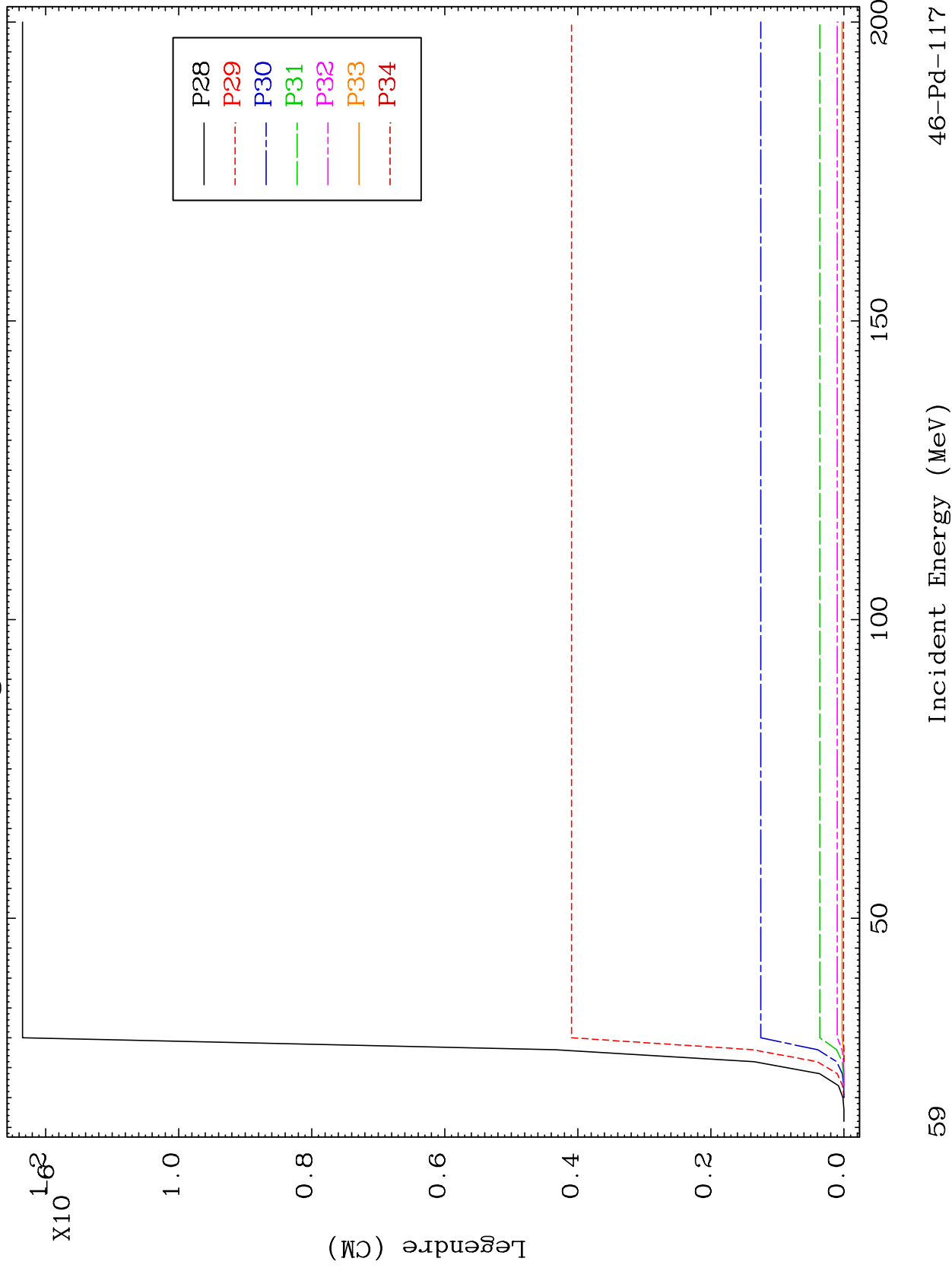
46-Pd-117



MAT 4670

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

46-Pd-117



59

Incident Energy (MeV)

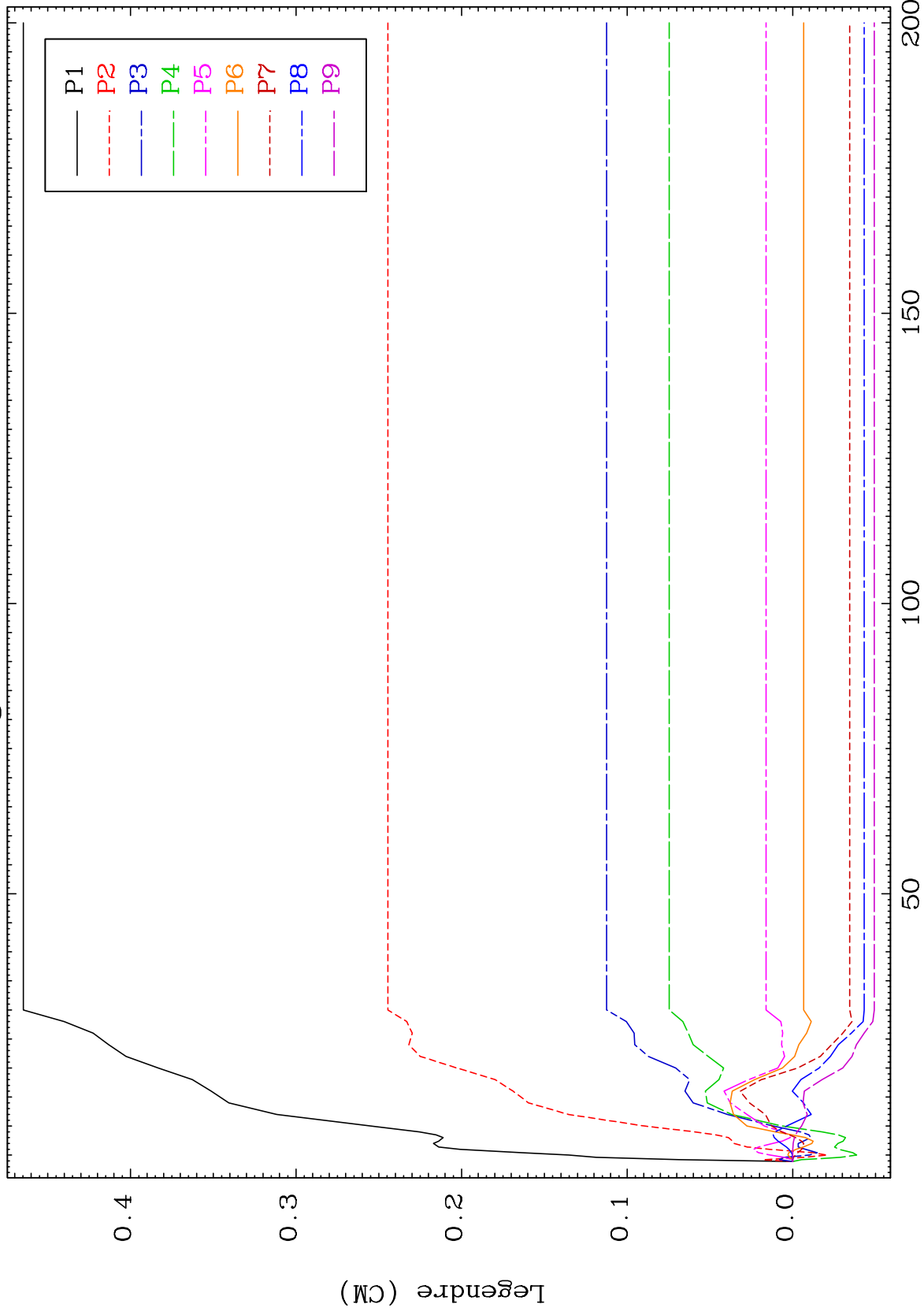
46-Pd-117

MAT 4670

MT= 63 (n,n') Level

46-Pd-117

Legendre Coefficients



60

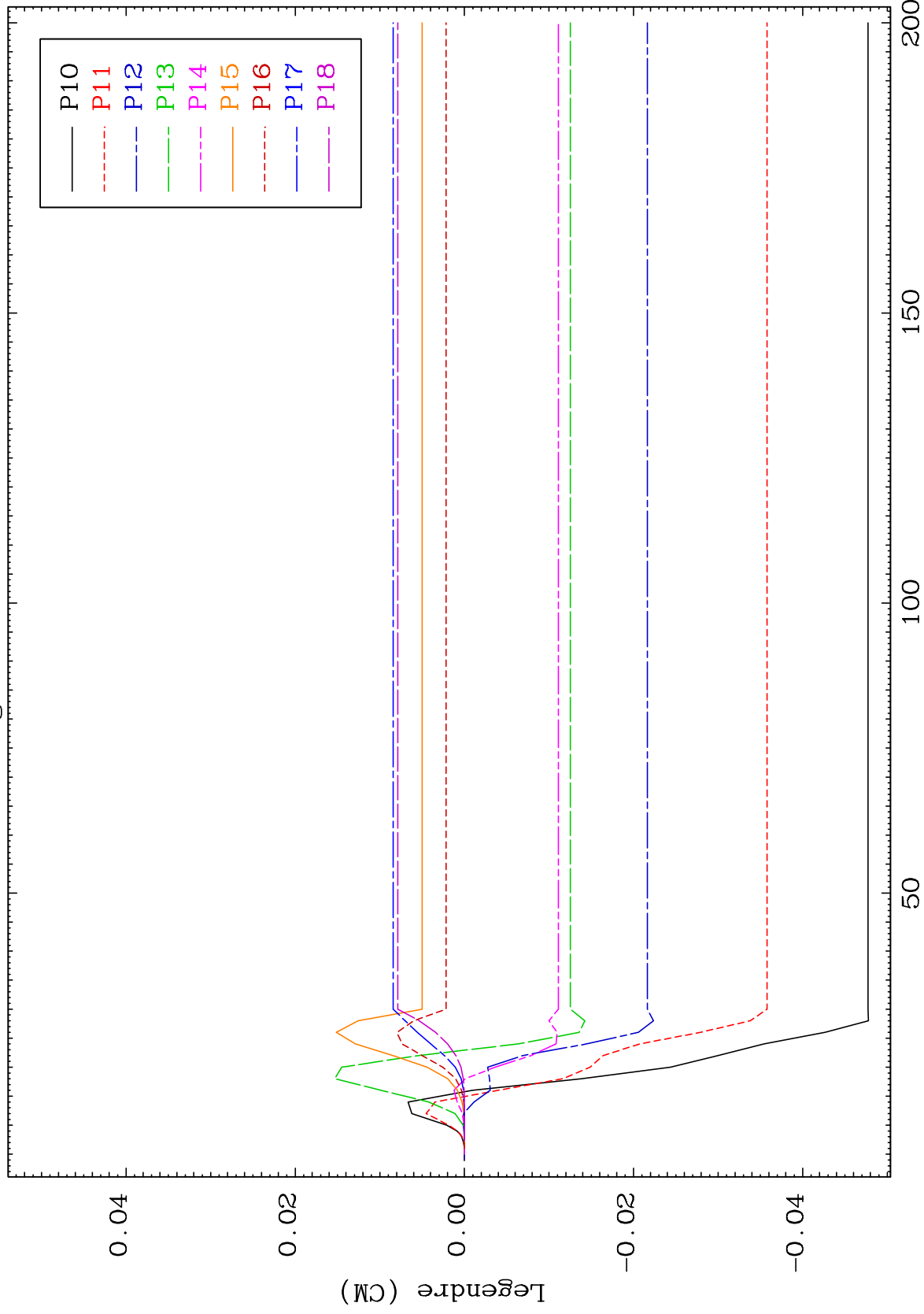
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



61

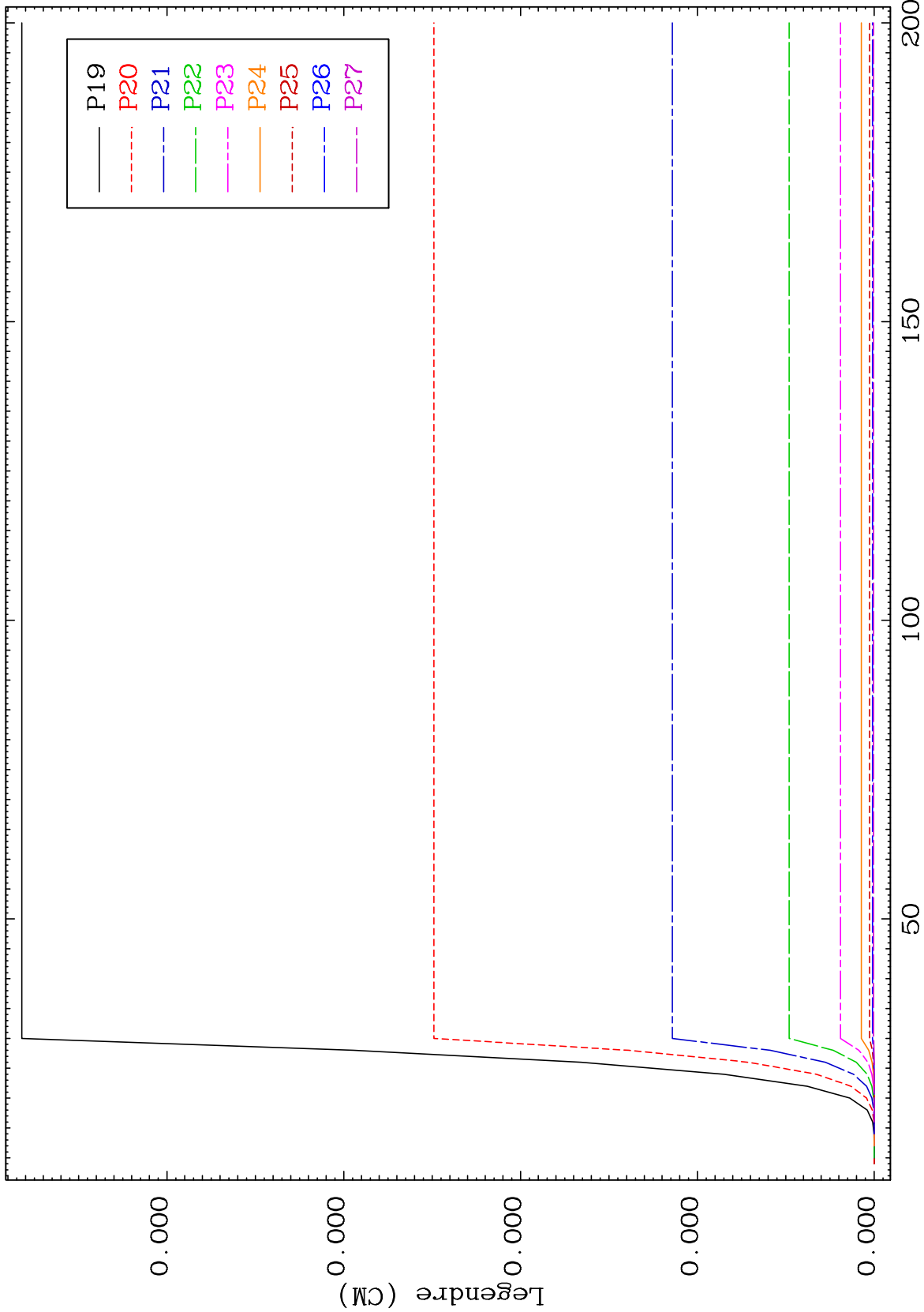
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



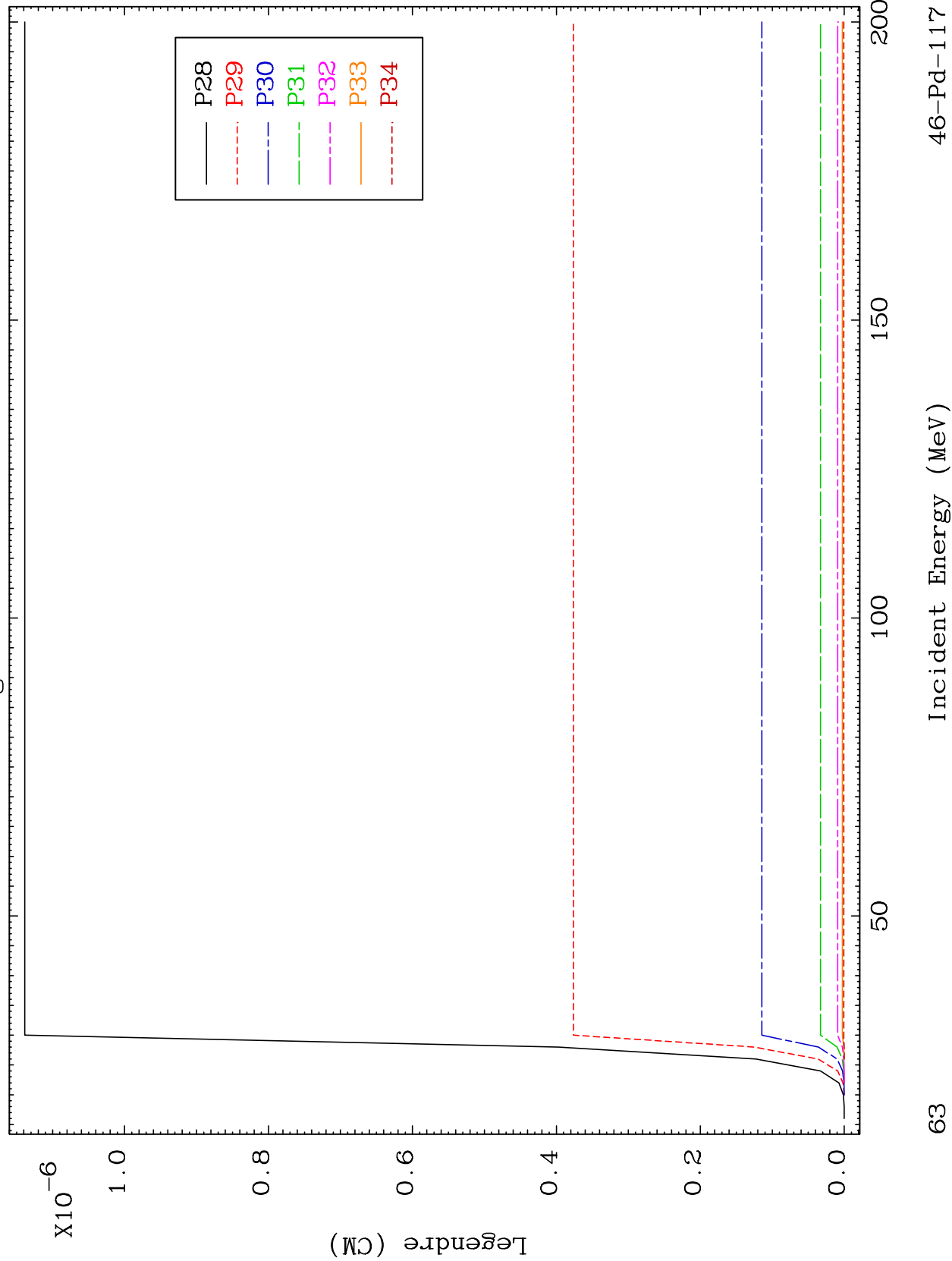
62

46-Pd-117

MAT 4670

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

46-Pd-117



63

Incident Energy (MeV)

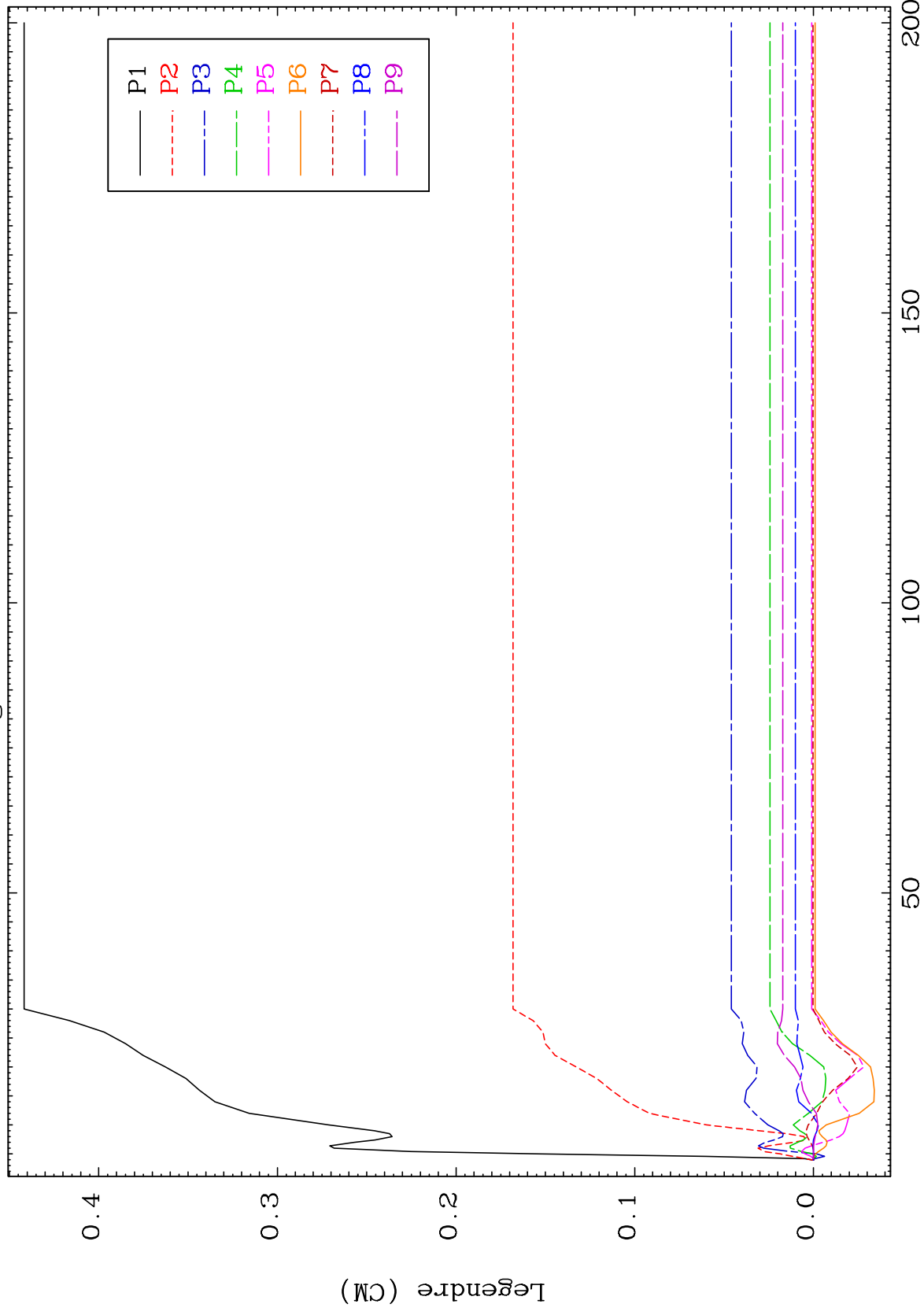
46-Pd-117



MAT 4670

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

46-Pd-117



64

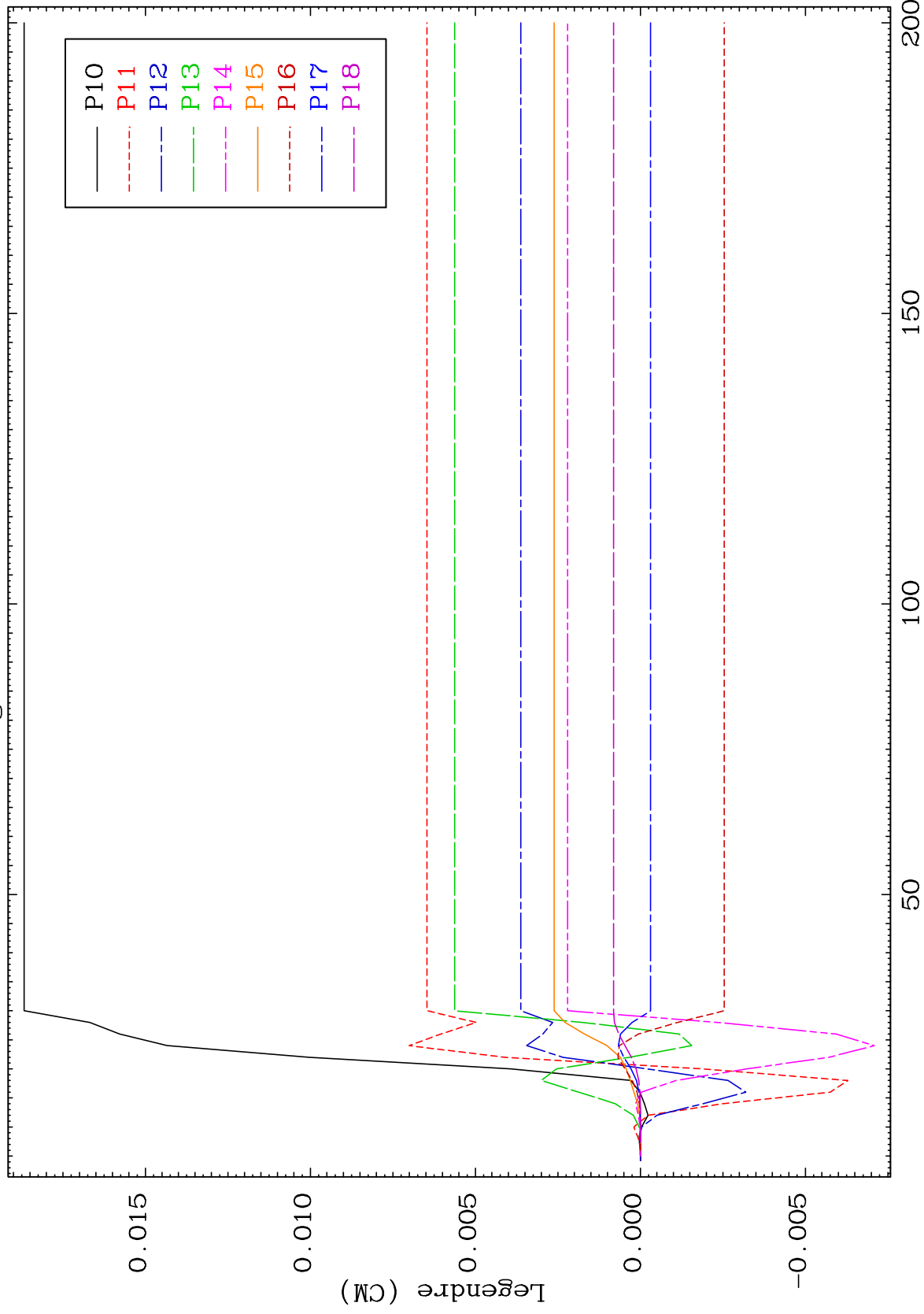
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



65

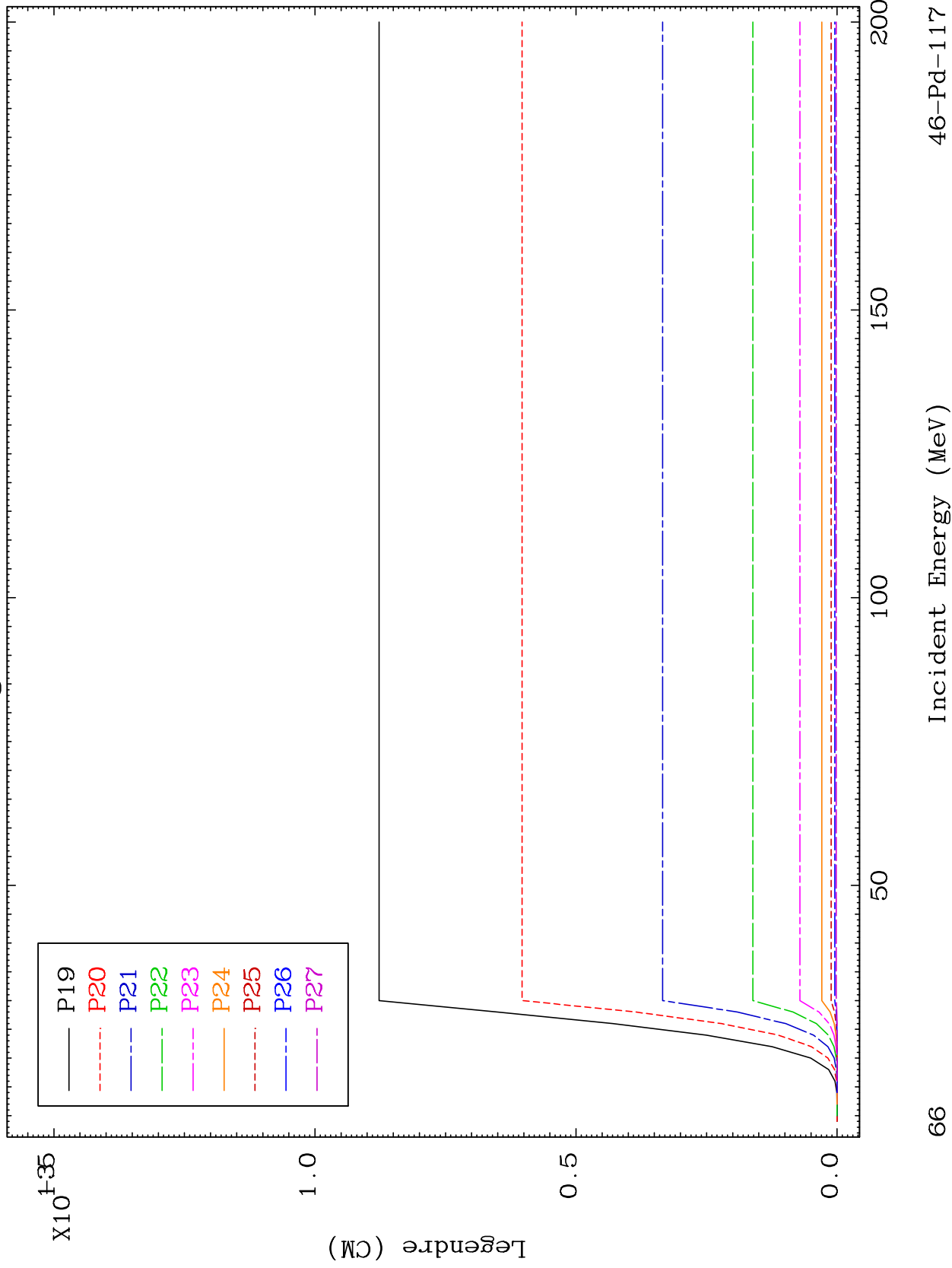
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

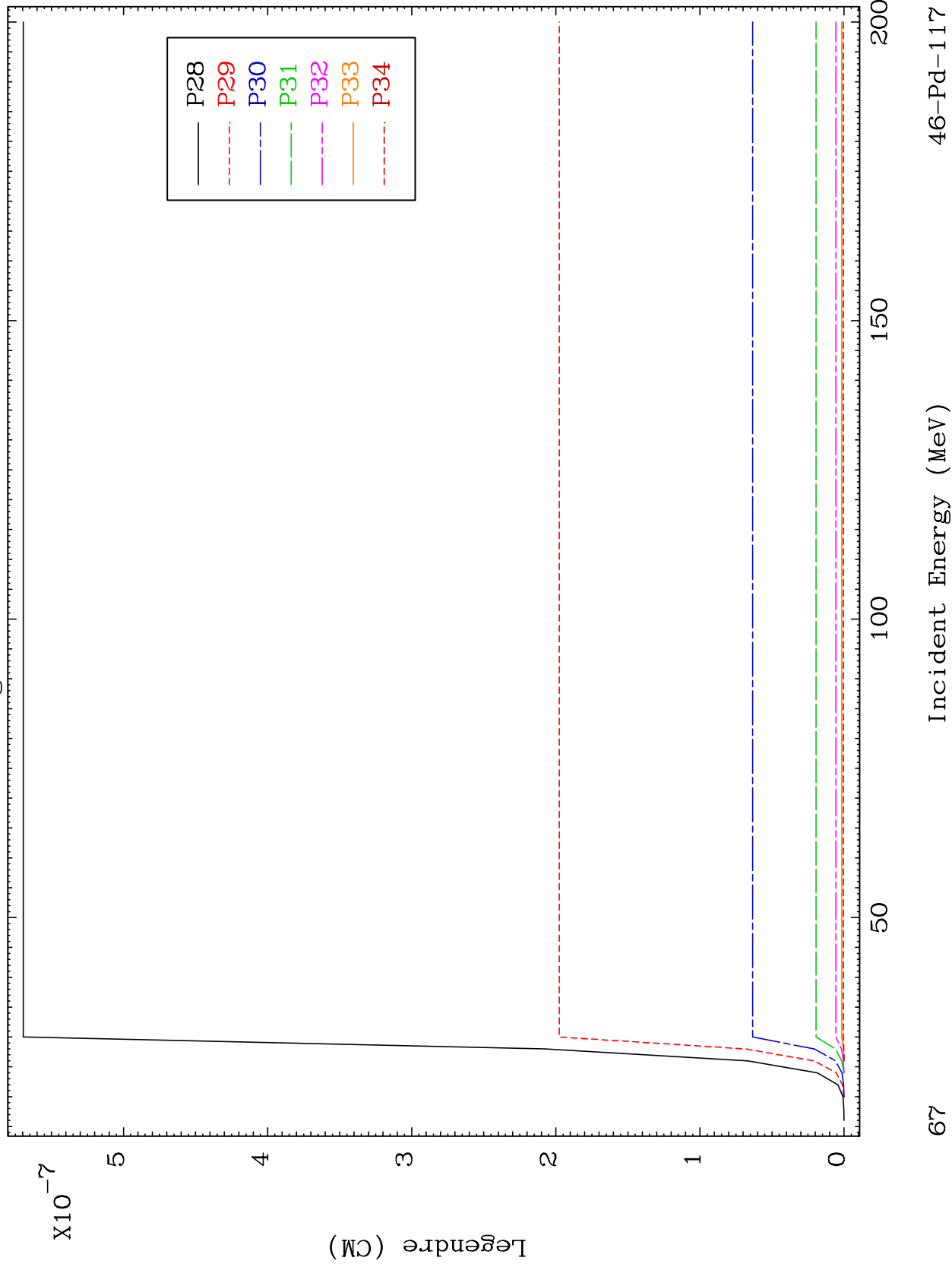
46-Pd-117



MAT 4670

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

46-Pd-117



67

Incident Energy (MeV)

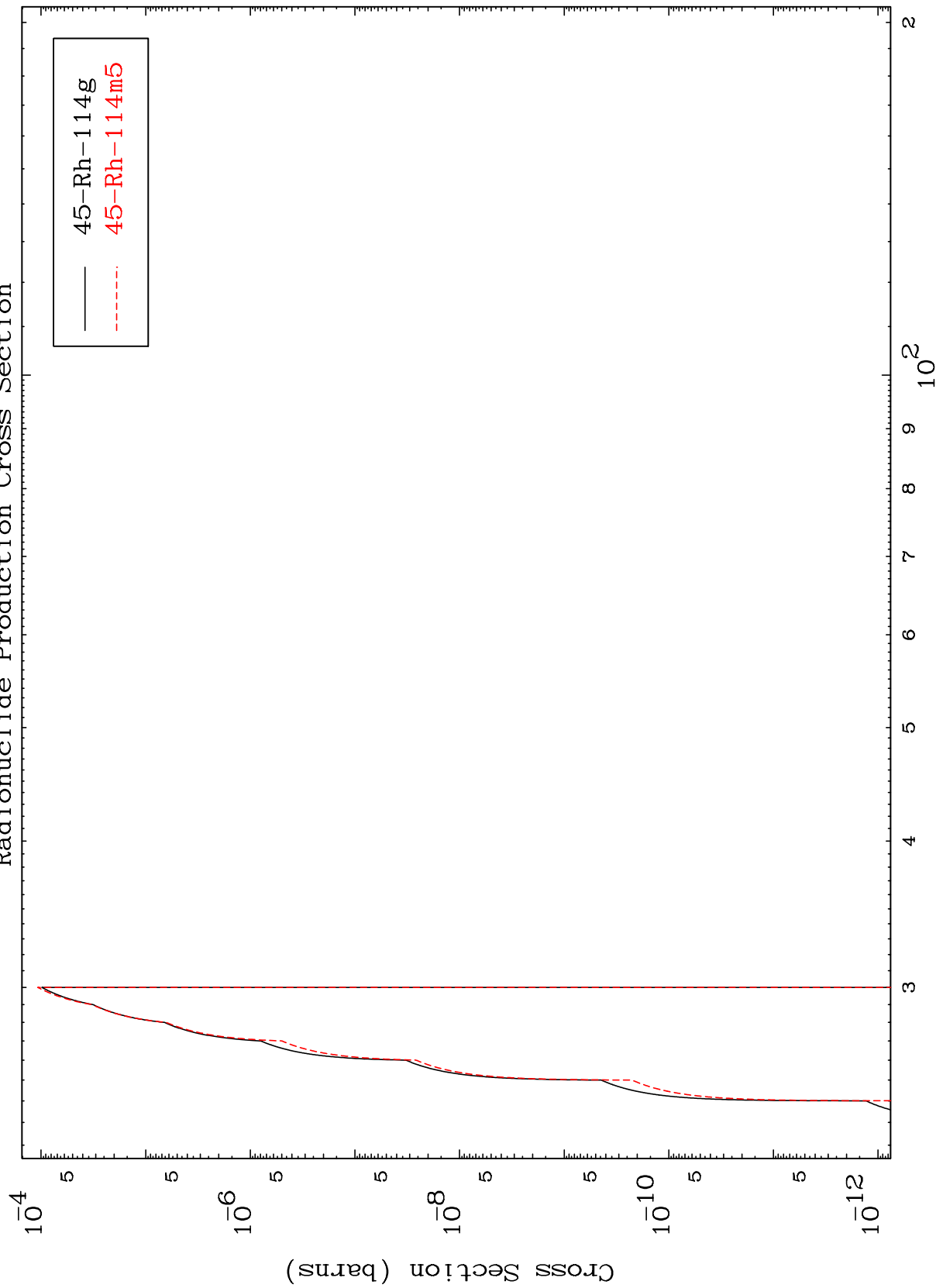
46-Pd-117

MAT 4670

(n,2n) d

46-Pd-117

Radionuclide Production Cross Section



45-Rh-114g  
45-Rh-114m5

68

Incident Energy (MeV)

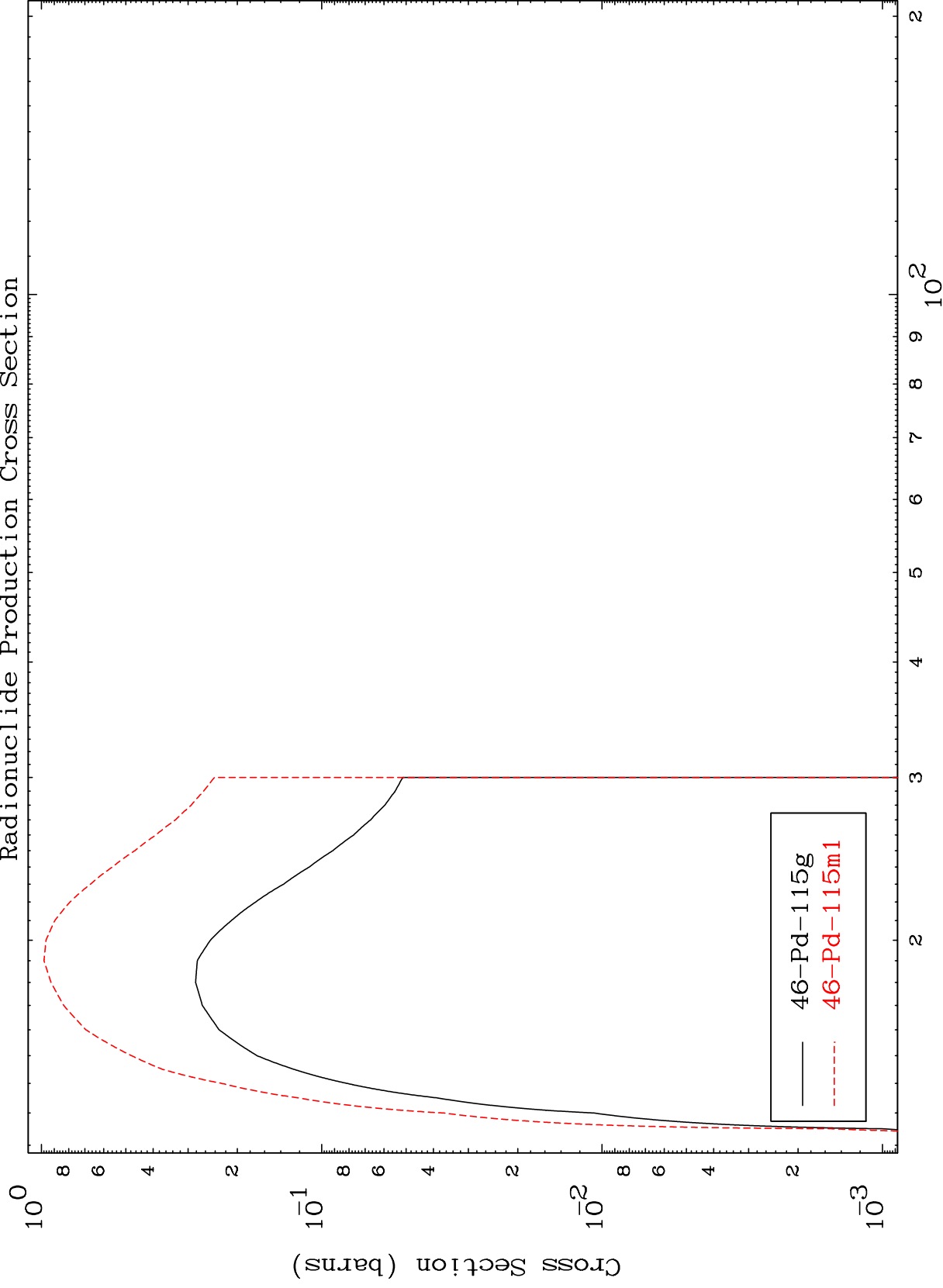
46-Pd-117

MAT 4670

(n,3n)

46-Pd-117

Radionuclide Production Cross Section



69

Incident Energy (MeV)

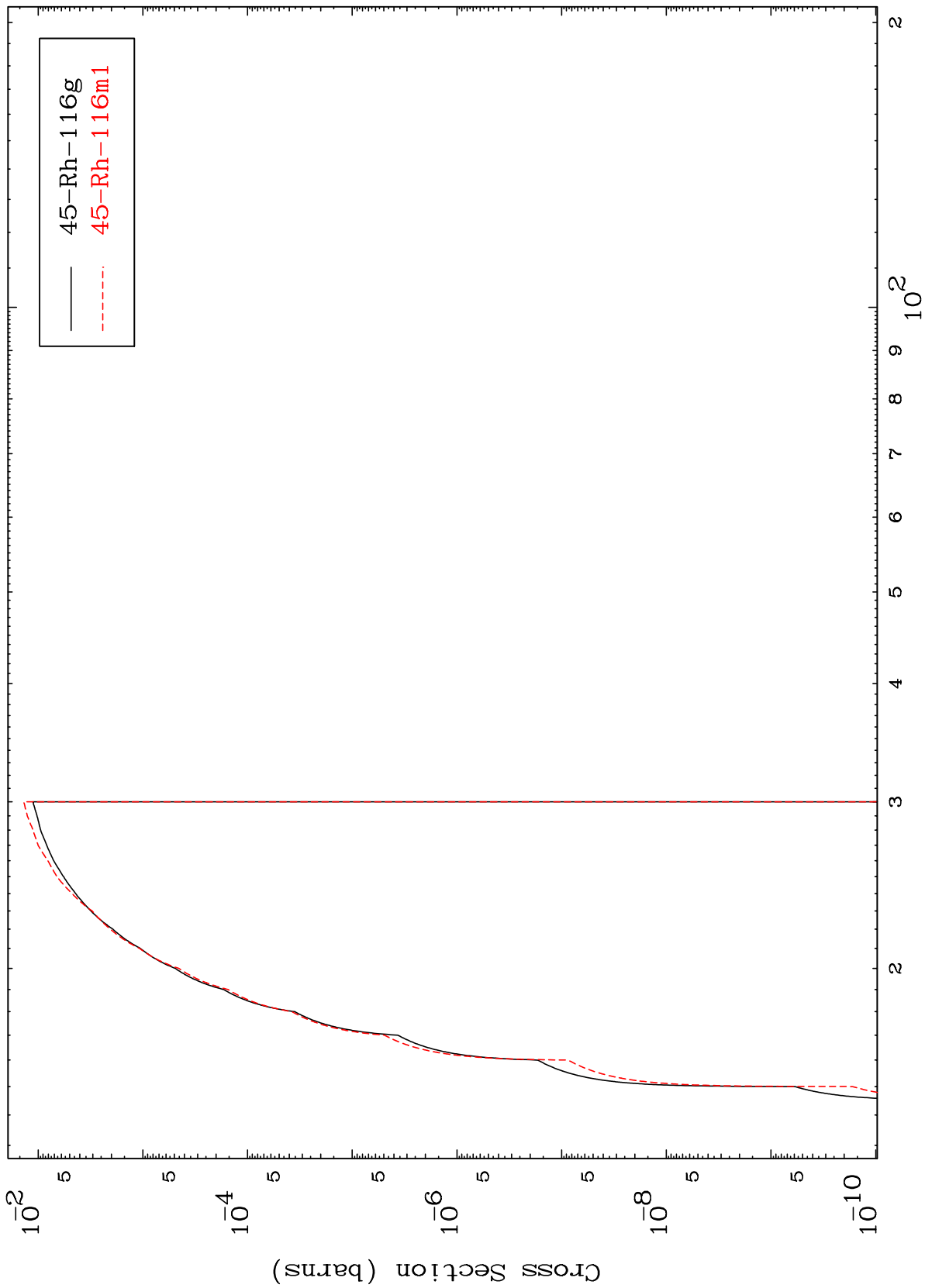
46-Pd-117

MAT 4670

(n,n') p

46-Pd-117

Radionuclide Production Cross Section



70

Incident Energy (MeV)

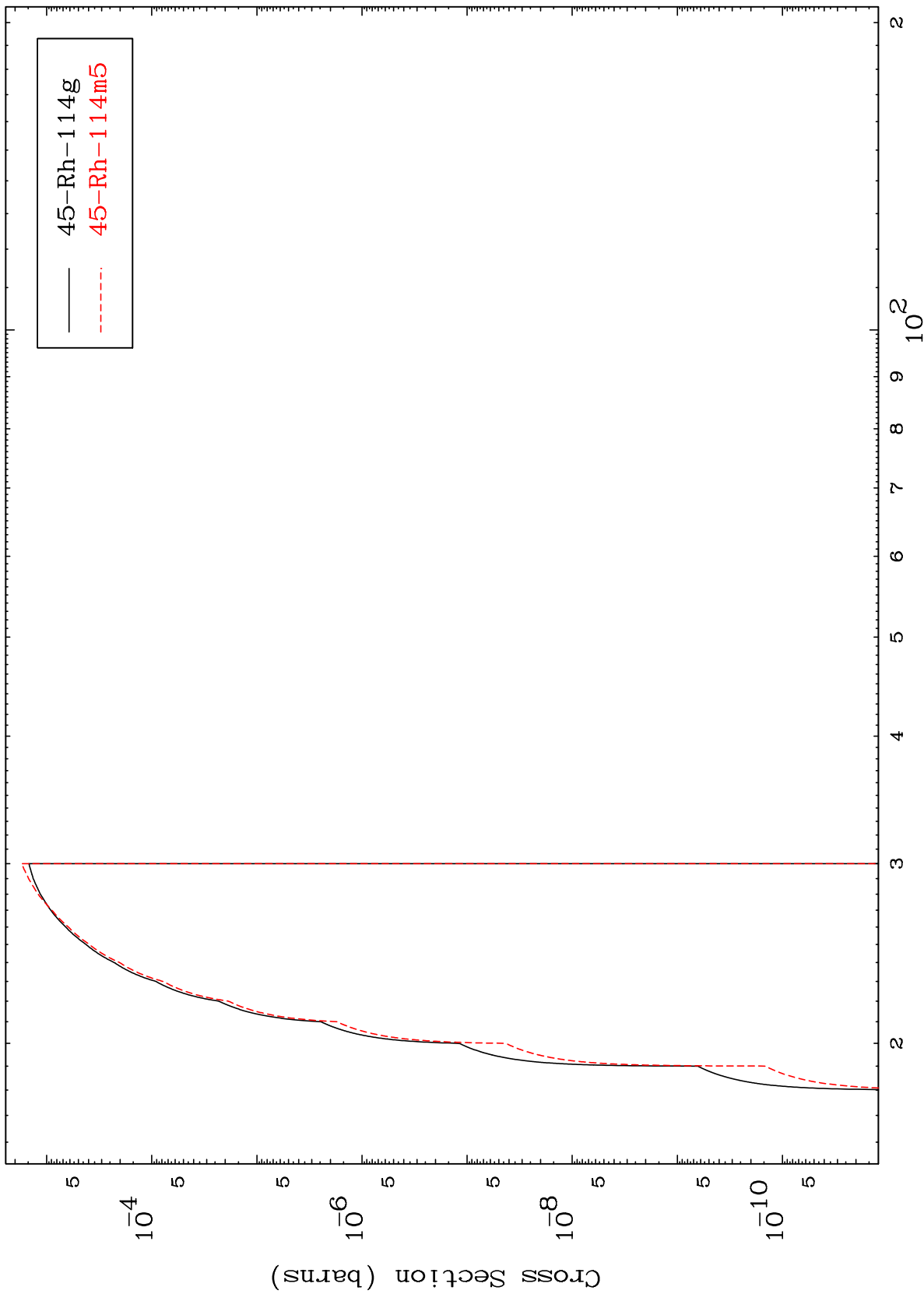
46-Pd-117

MAT 4670

(n,n') t

46-Pd-117

Radionuclide Production Cross Section



71

Incident Energy (MeV)

46-Pd-117

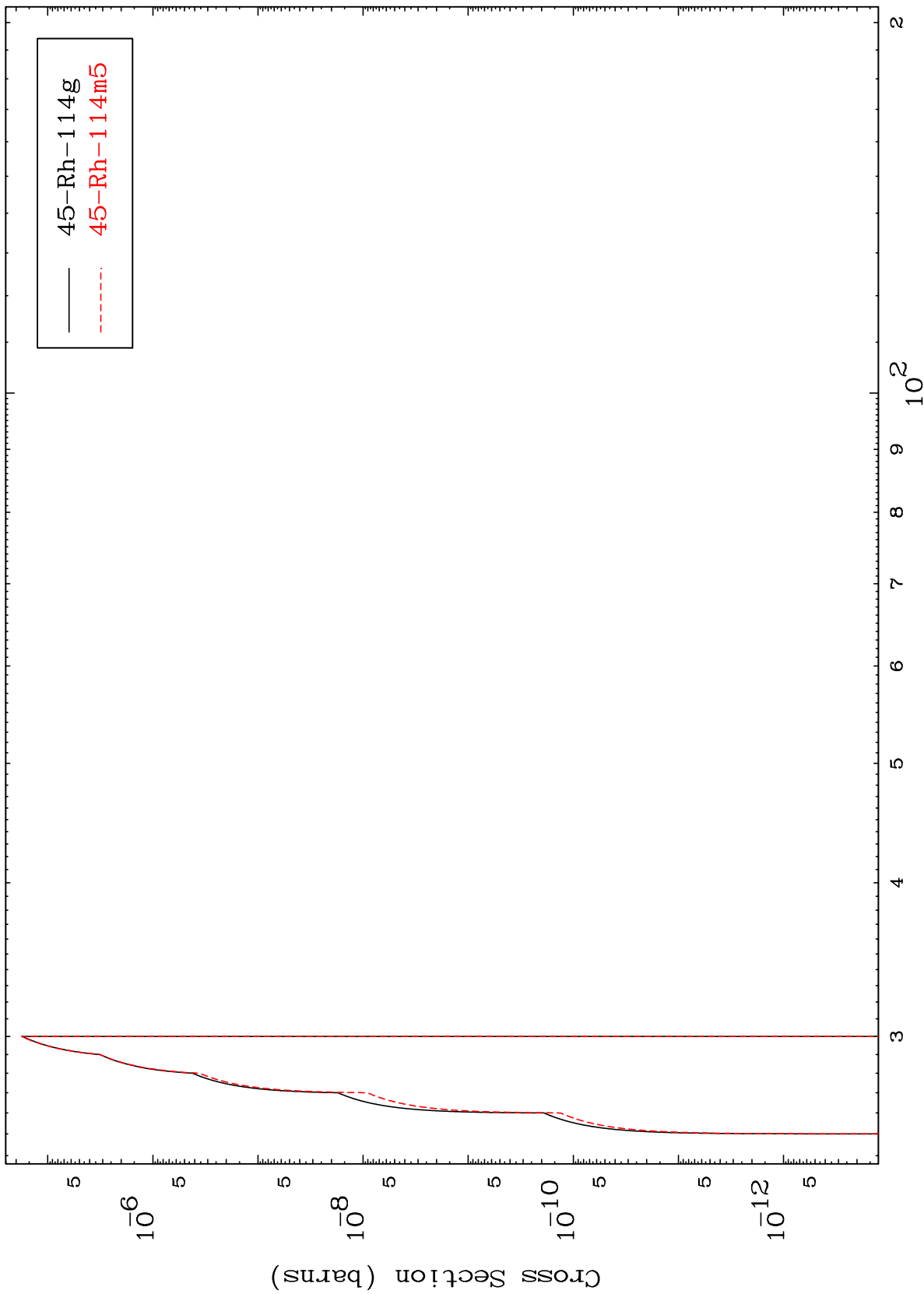


MAT 4670

(n,3n) p

46-Pd-117

Radionuclide Production Cross Section



45-Rh-114g  
45-Rh-114m5

72

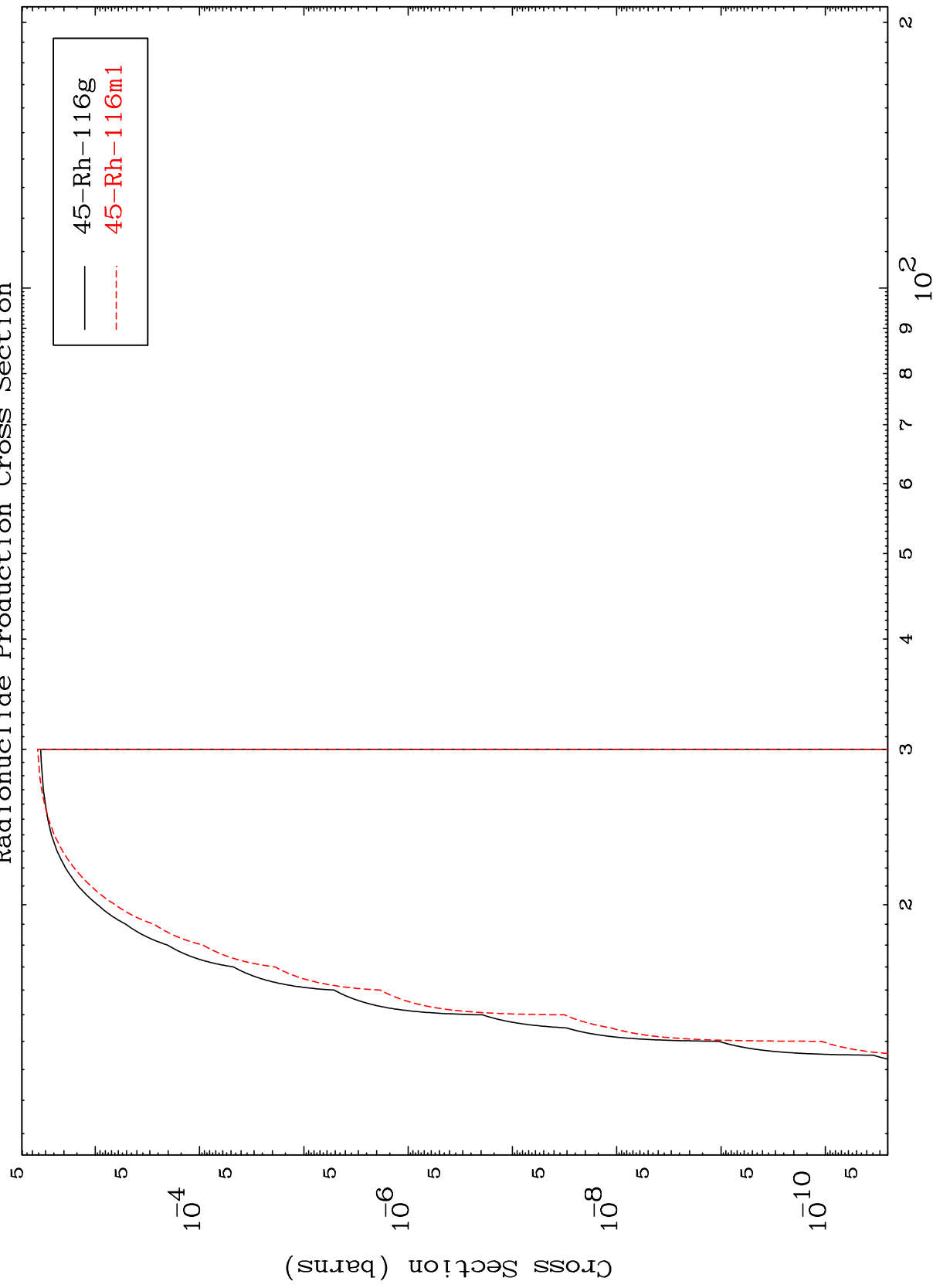
Incident Energy (MeV)

46-Pd-117

MAT 4670

46-Pd-117

(n,d)  
Radionuclide Production Cross Section



73

Incident Energy (MeV)

46-Pd-117