

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

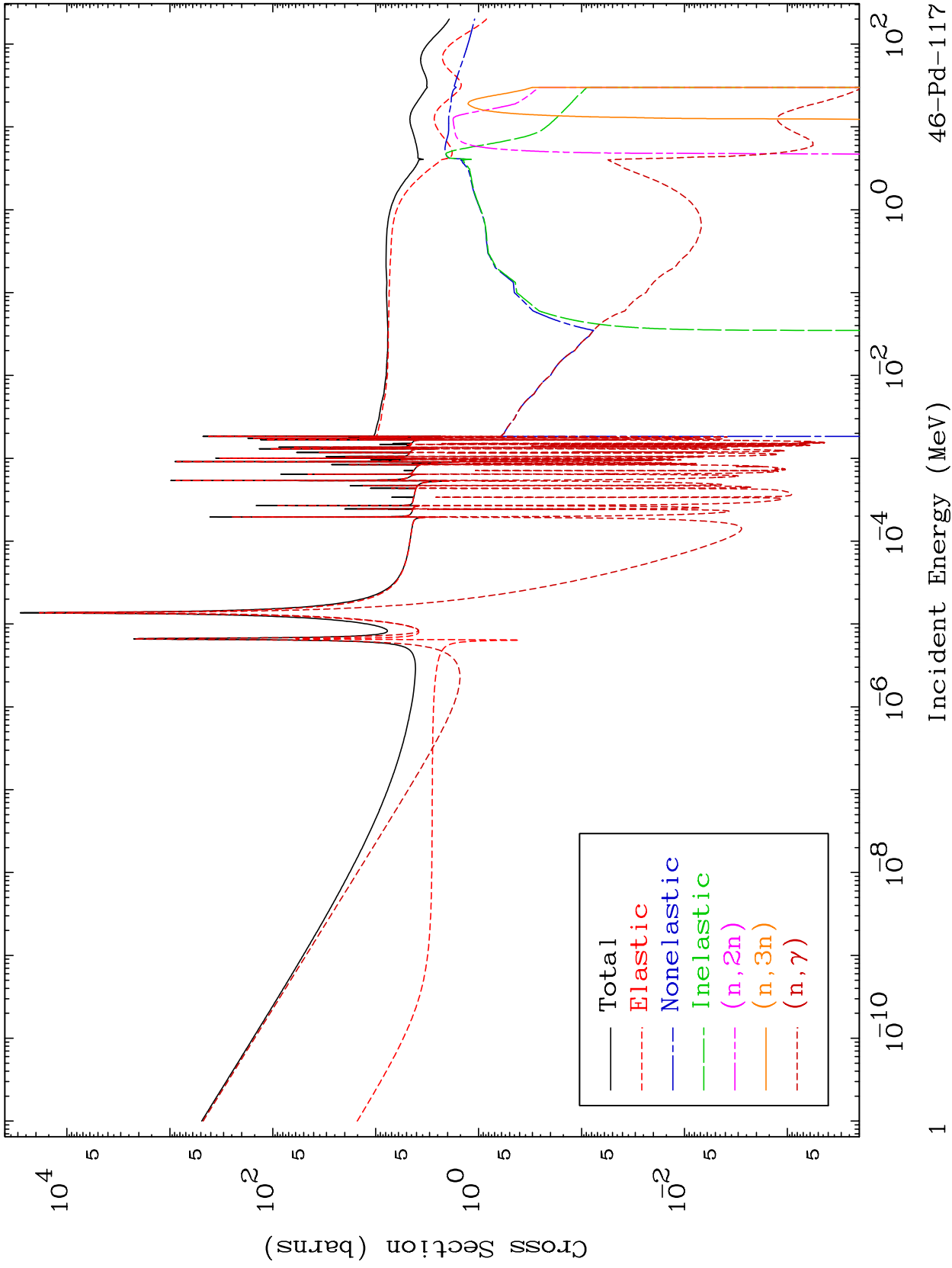
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4670

Neutron Major
293 Kelvin Cross Sections

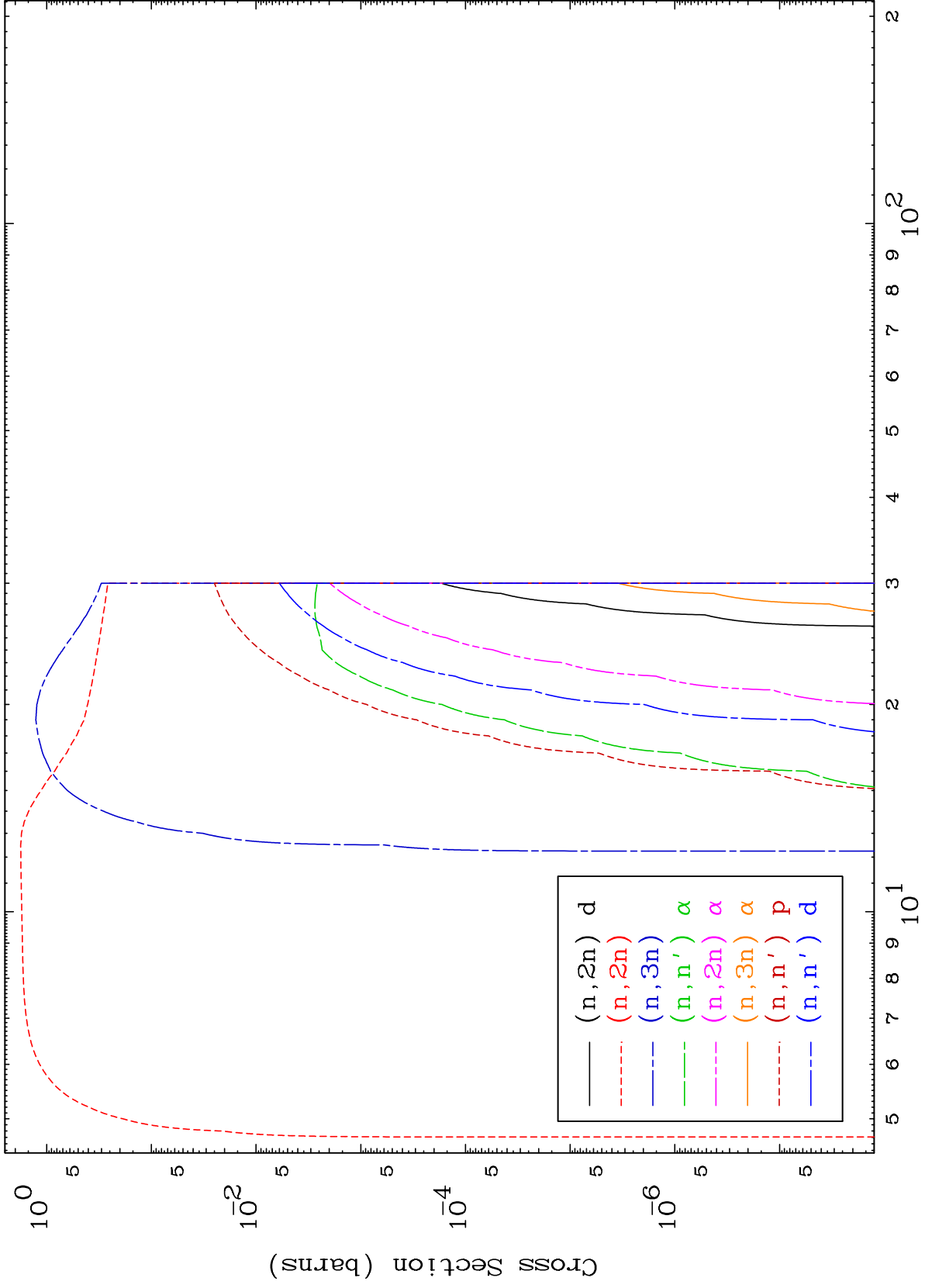
46-Pd-117



MAT 4670

Neutron Absorption
293 Kelvin Cross Sections

46-Pd-117



Incident Energy (MeV)

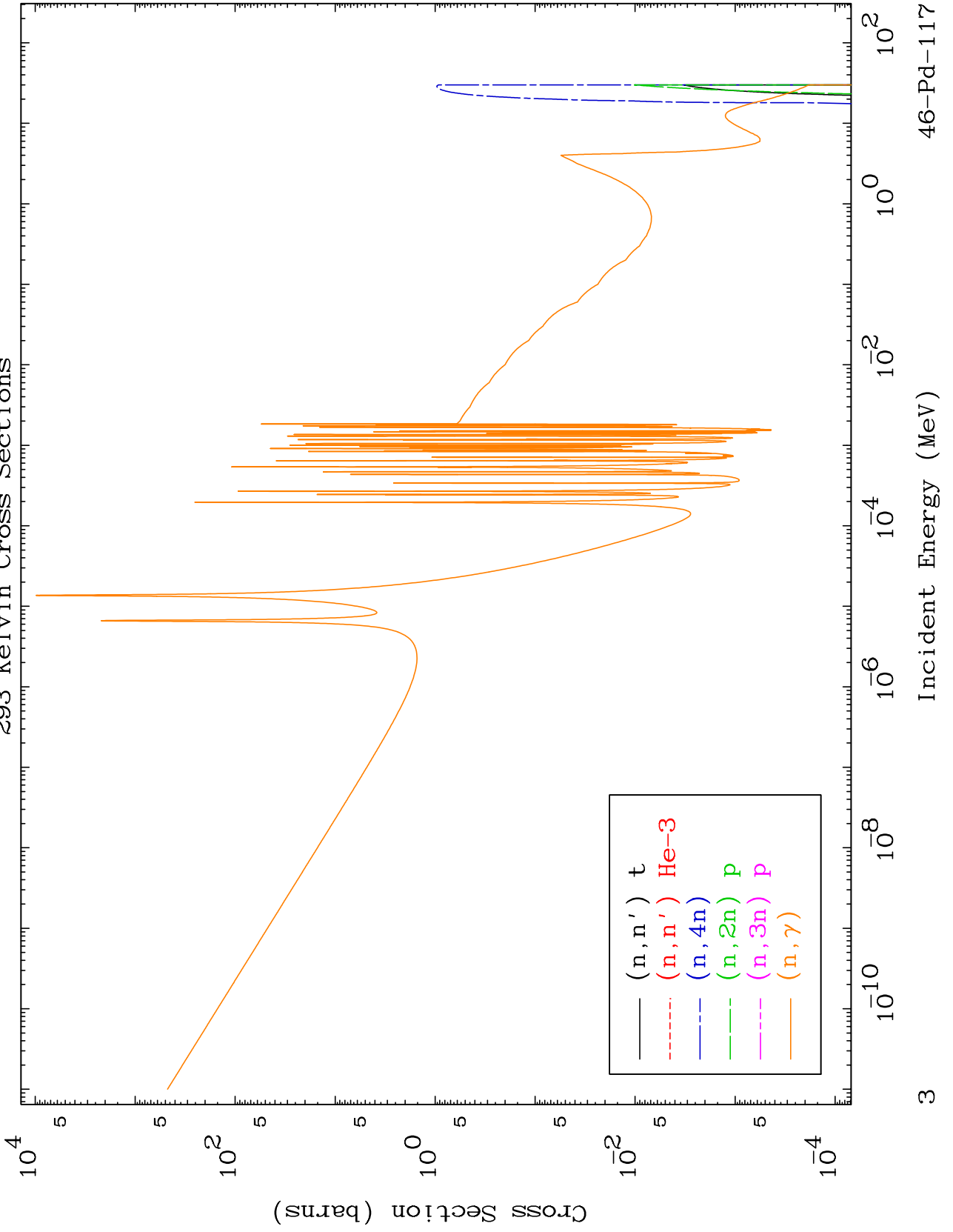
46-Pd-117

2

MAT 4670

Neutron Absorption
293 Kelvin Cross Sections

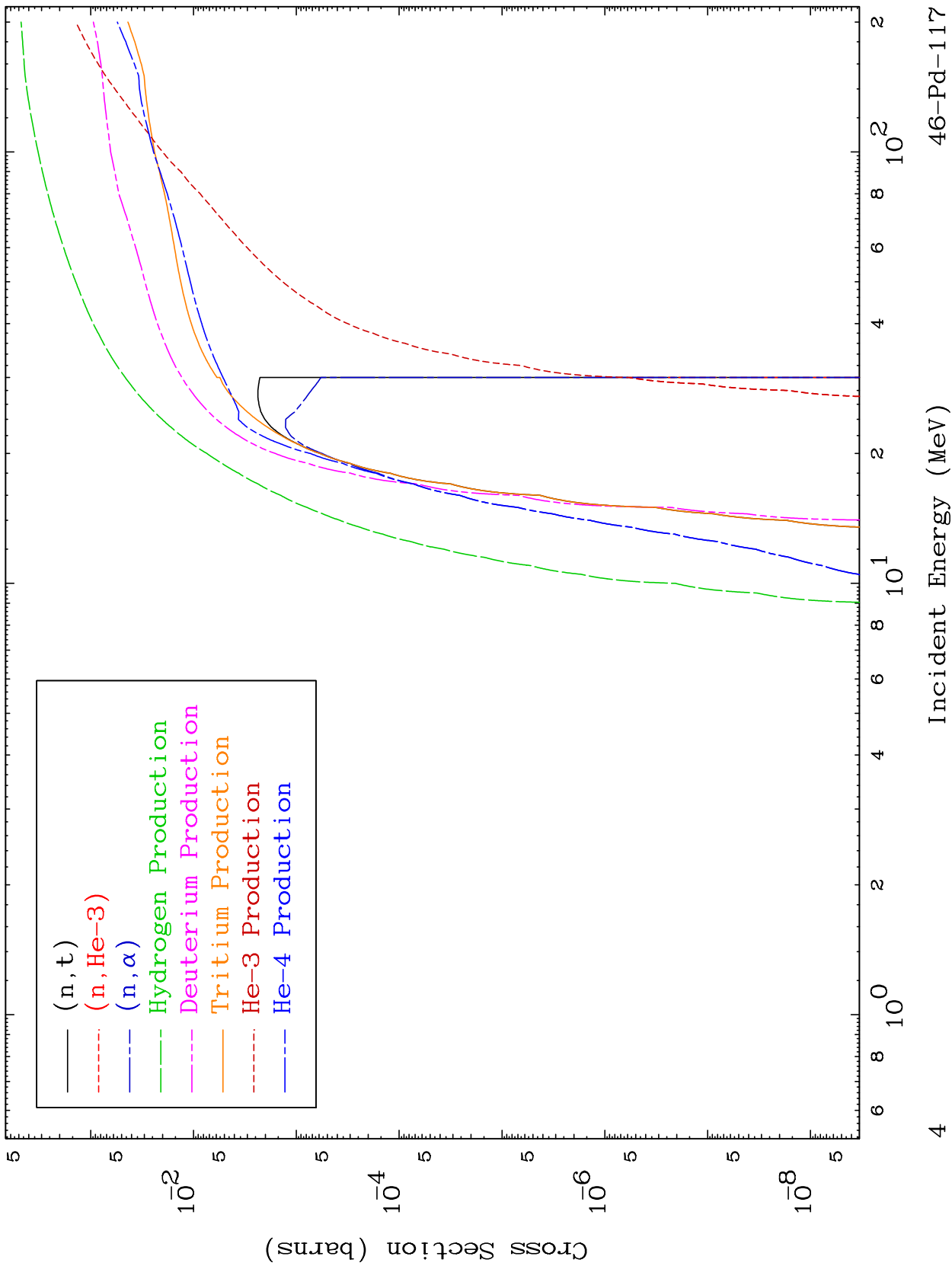
46-Pd-117

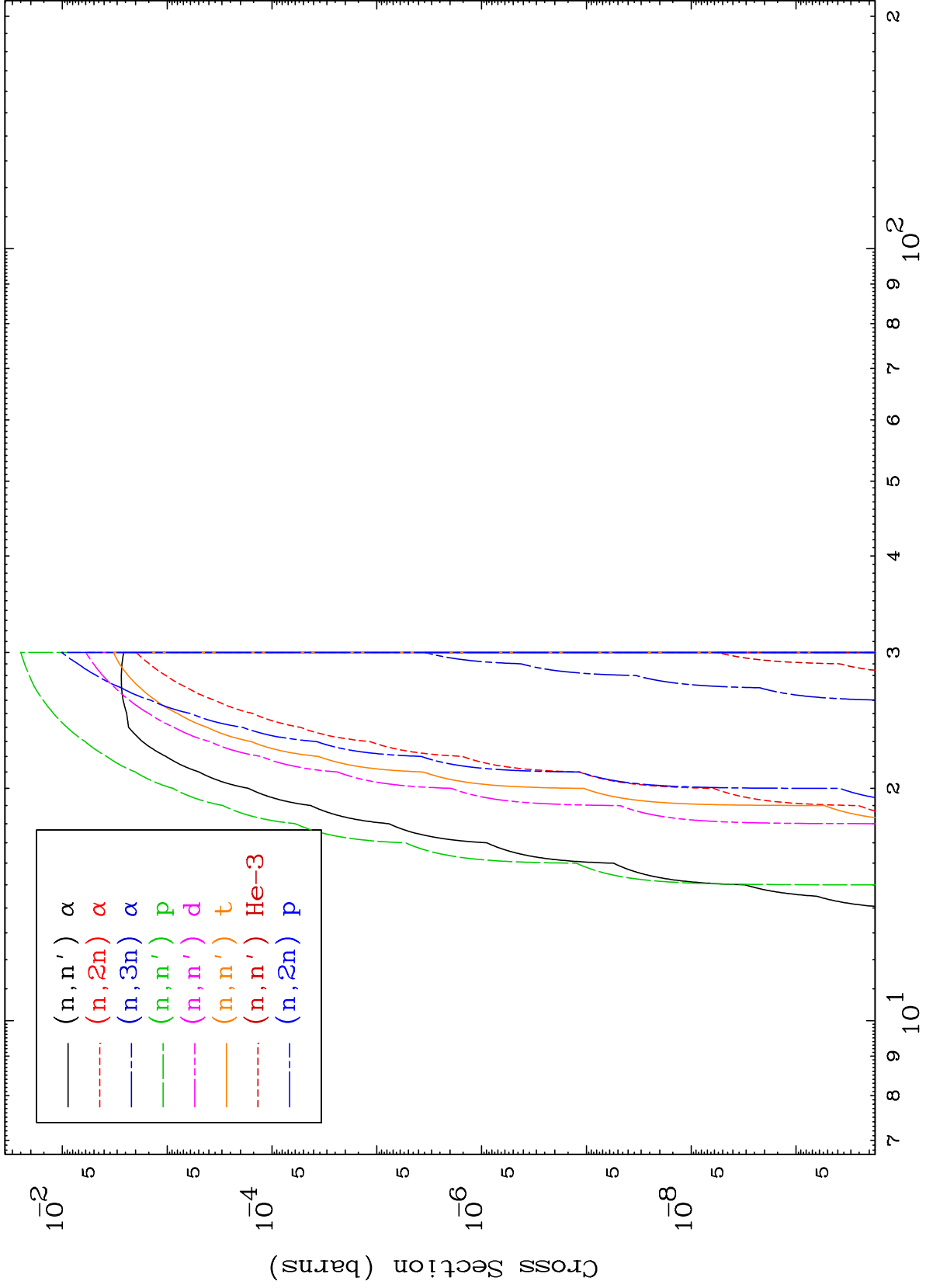


MAT 4670

Neutron Absorption
293 Kelvin Cross Sections

46-Pd-117



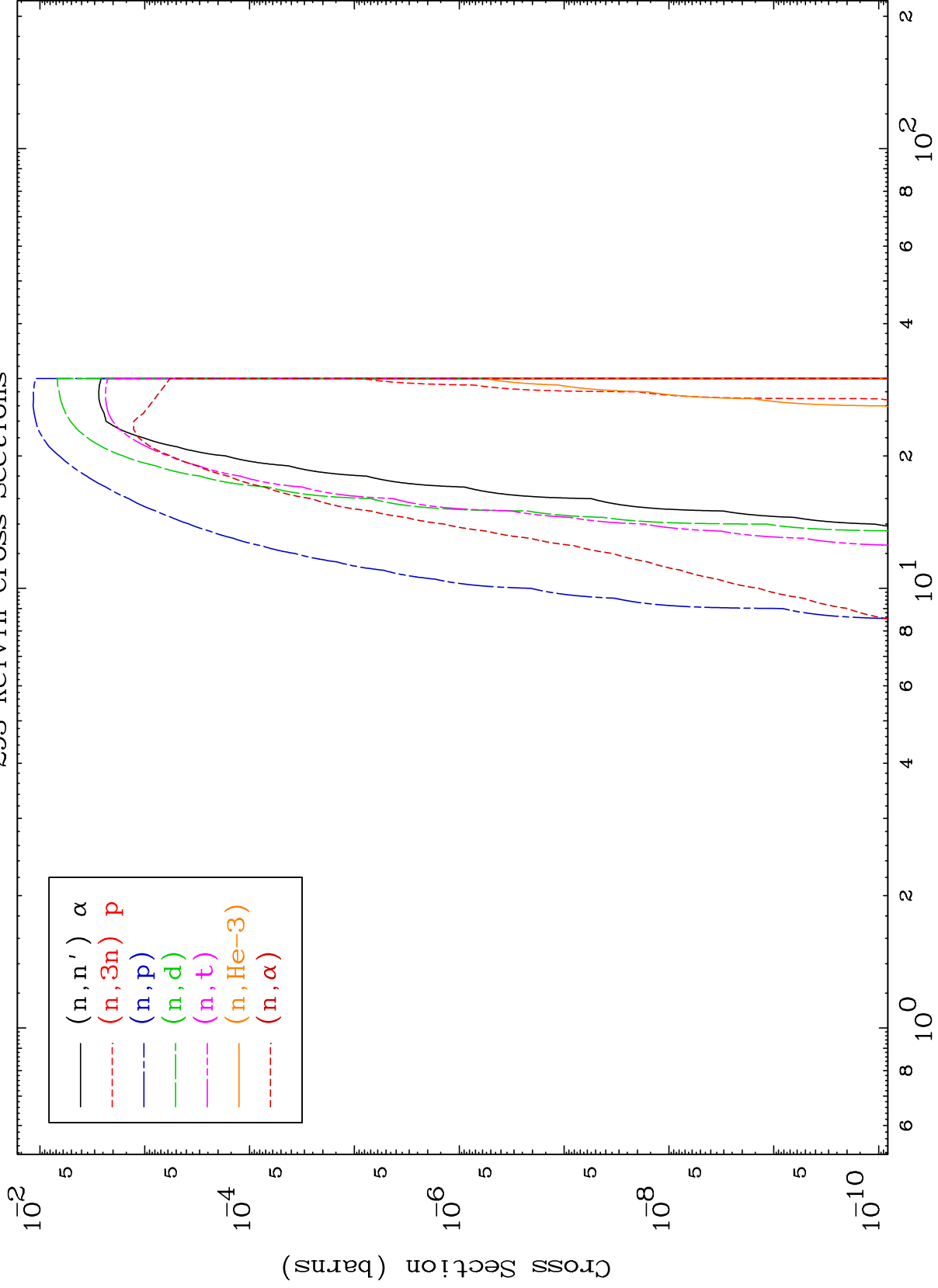


MAT 4670

Charged Particle

46-Pd-117

293 Kelvin Cross Sections



6

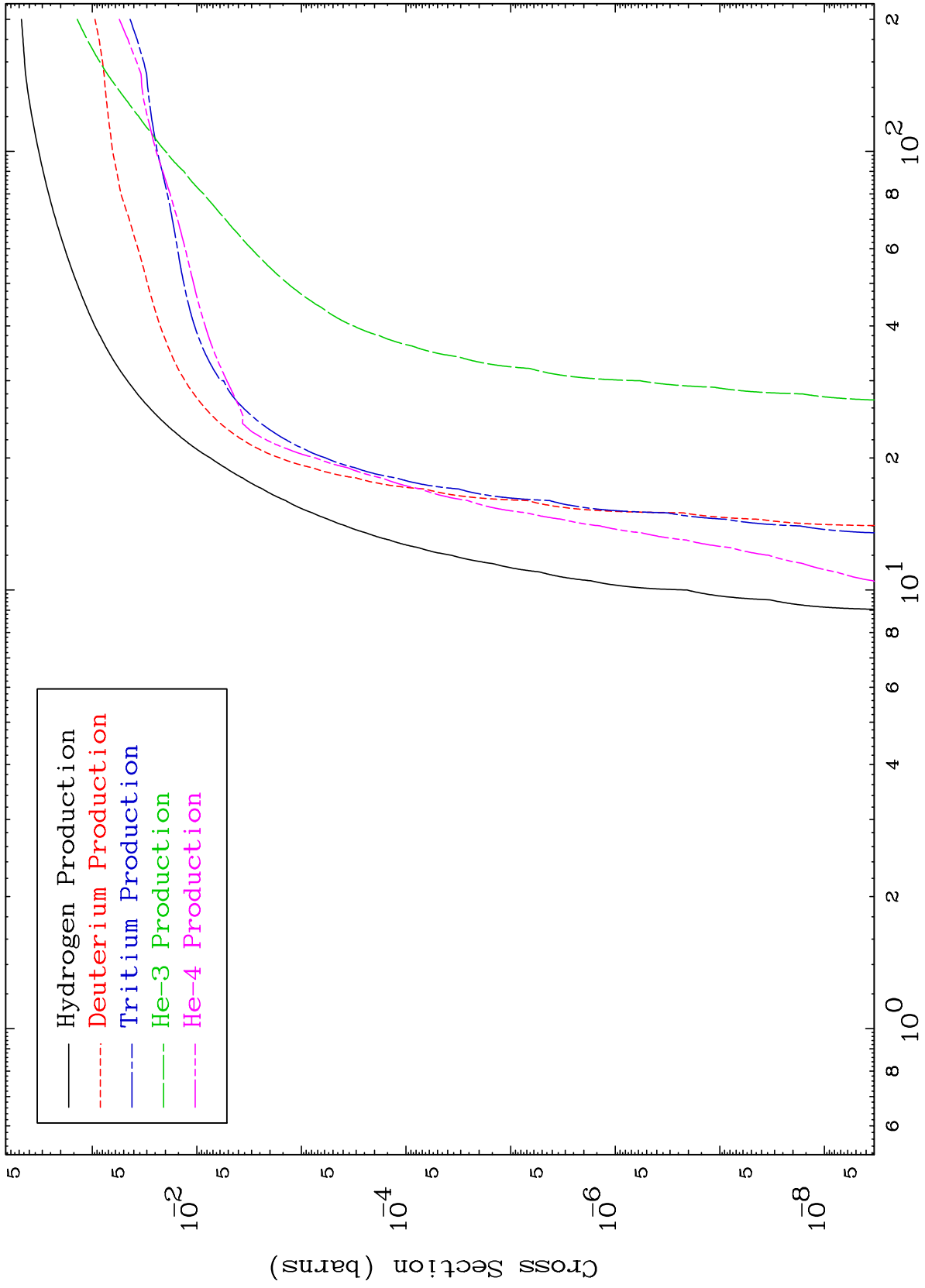
Incident Energy (MeV)

46-Pd-117

MAT 4670

Particle Production
293 Kelvin Cross Sections

46-Pd-117



7

Incident Energy (MeV)

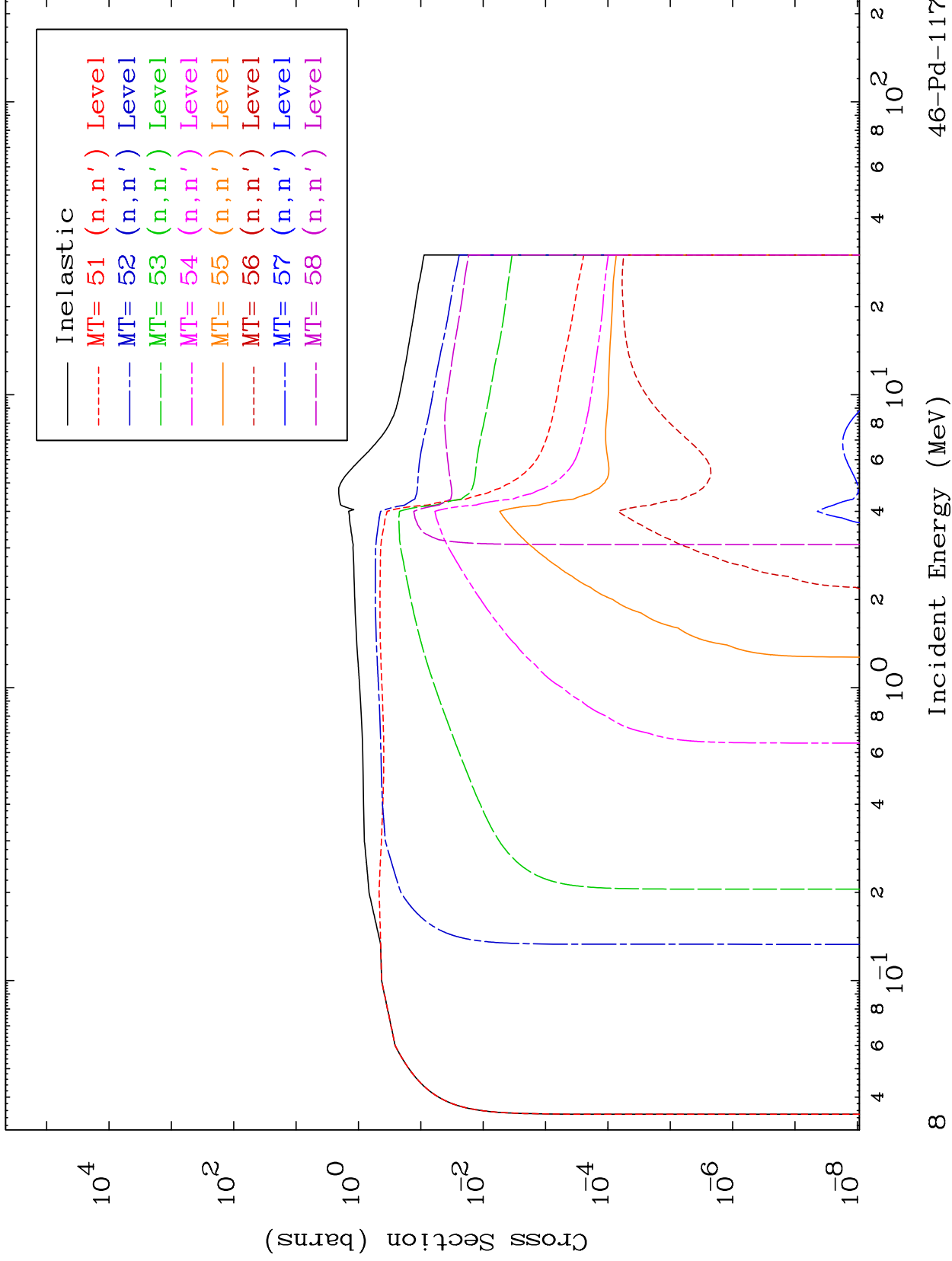
46-Pd-117

MAT 4670

(n,n') Levels

46-Pd-117

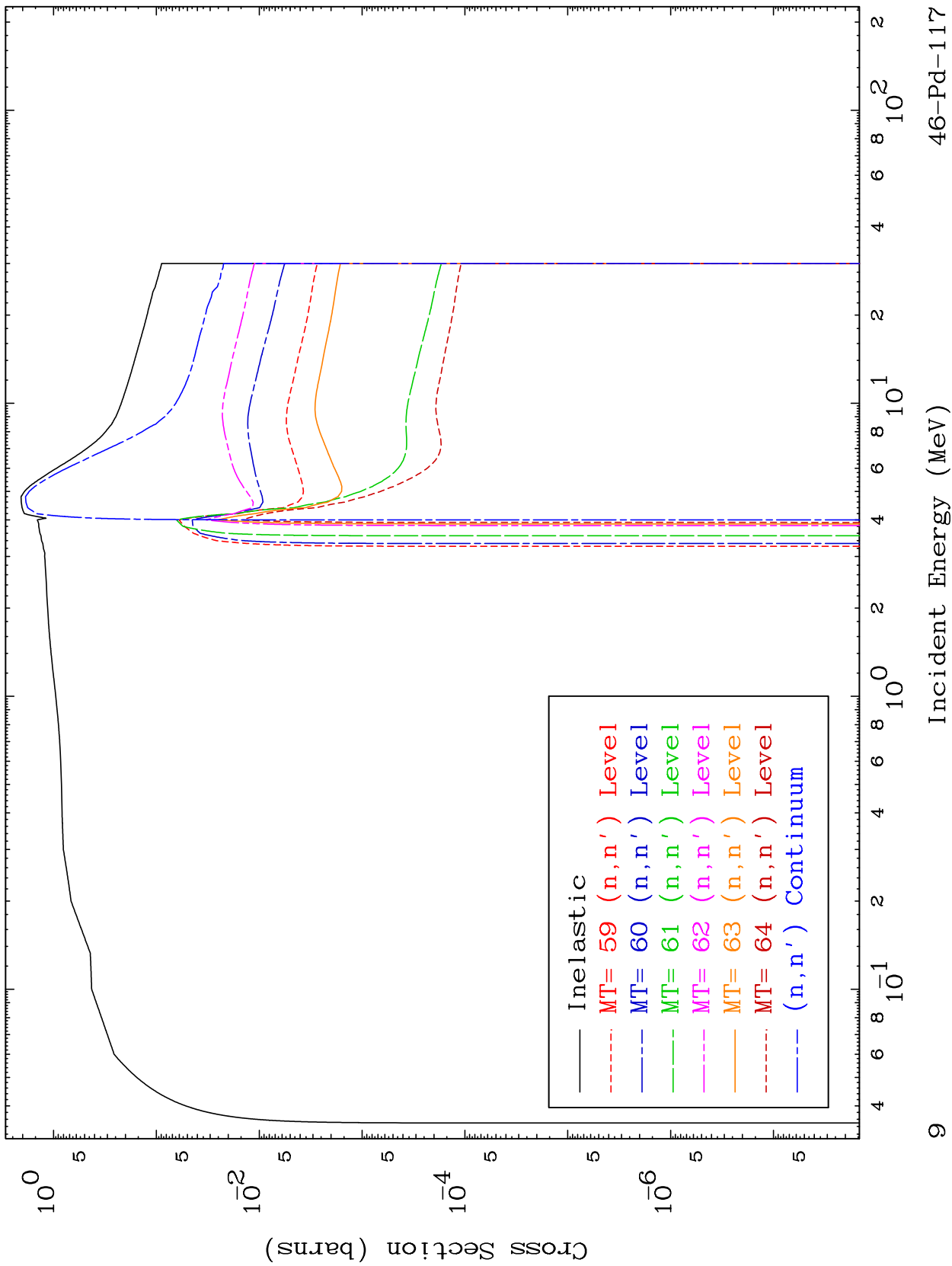
293 Kelvin Cross Sections



MAT 4670

293 Kelvin Cross Sections
(n,n') Levels

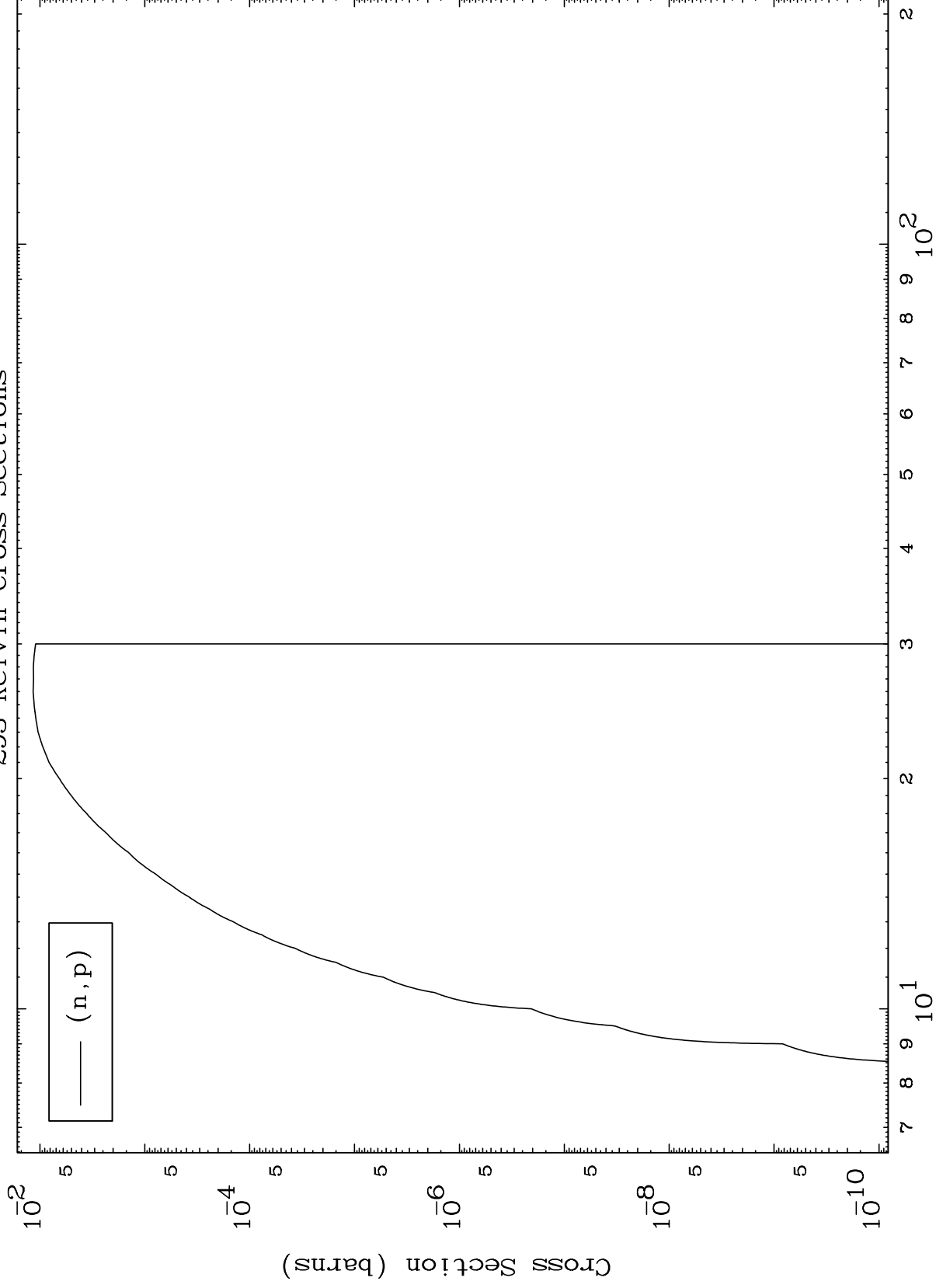
46-Pd-117



MAT 4670

(n,p) Levels
293 Kelvin Cross Sections

46-Pd-117



10

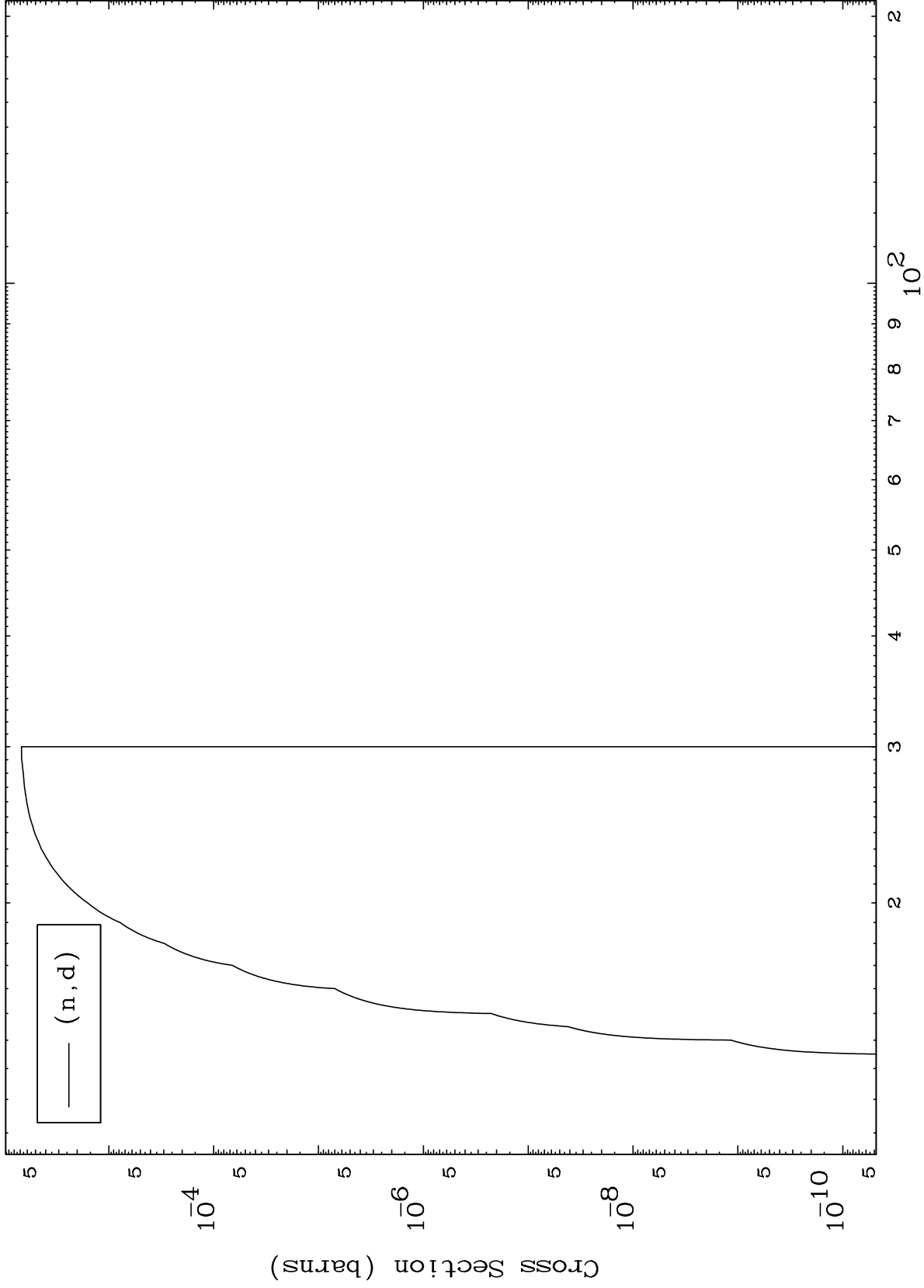
Incident Energy (MeV)

46-Pd-117

MAT 4670

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-117



11

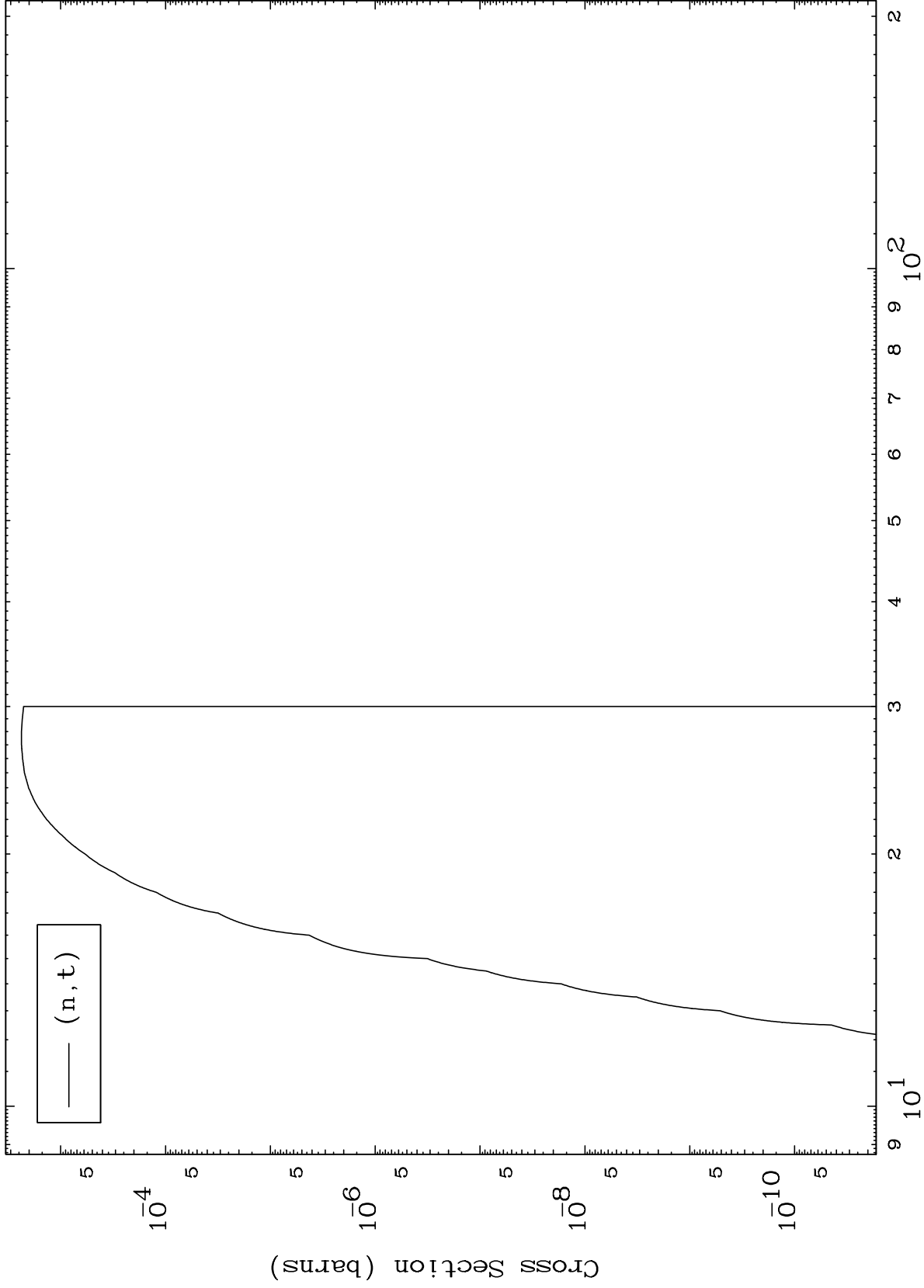
Incident Energy (MeV)

46-Pd-117

MAT 4670

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-117



12

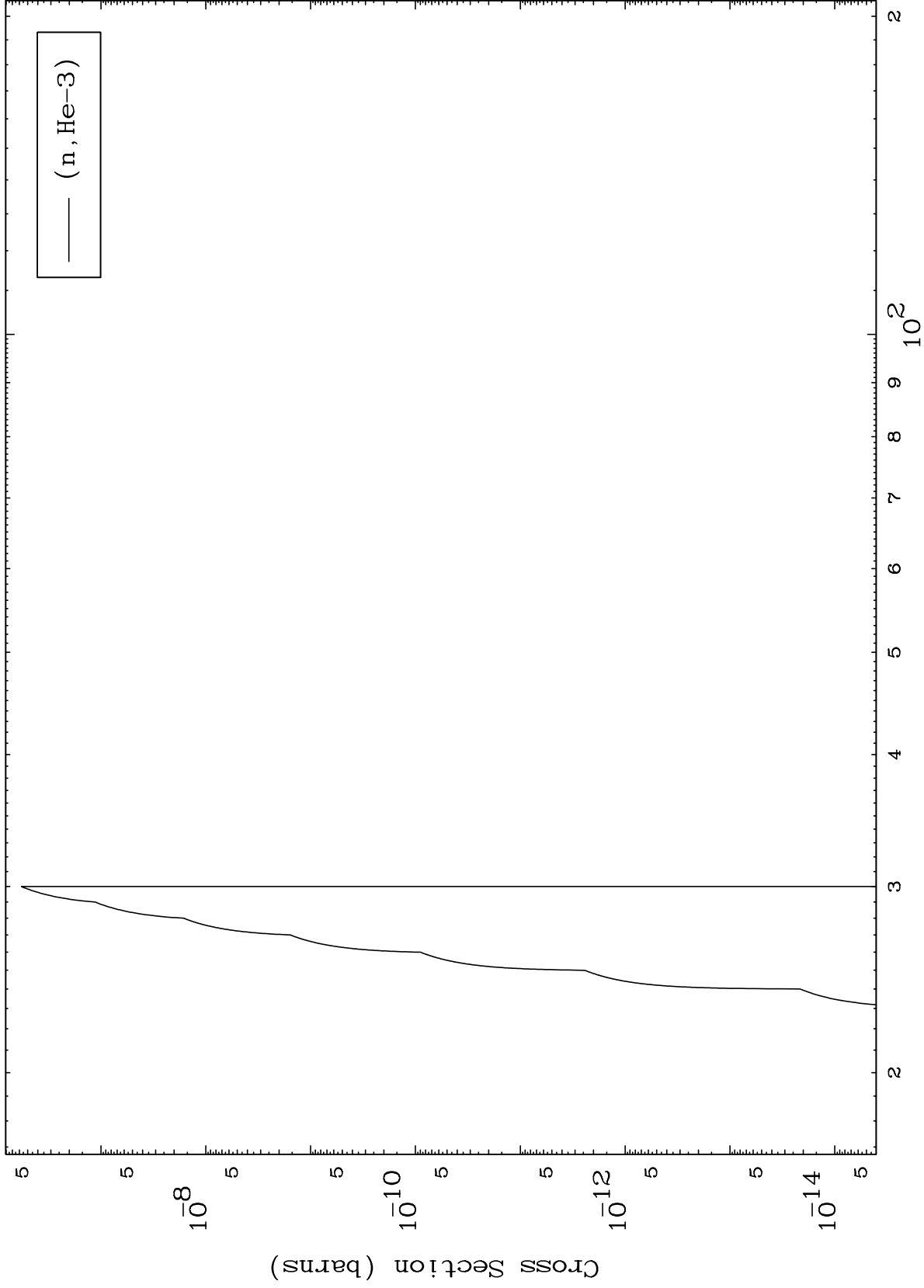
Incident Energy (MeV)

46-Pd-117

MAT 4670

(n,He3) Levels
293 Kelvin Cross Sections

46-Pd-117



13

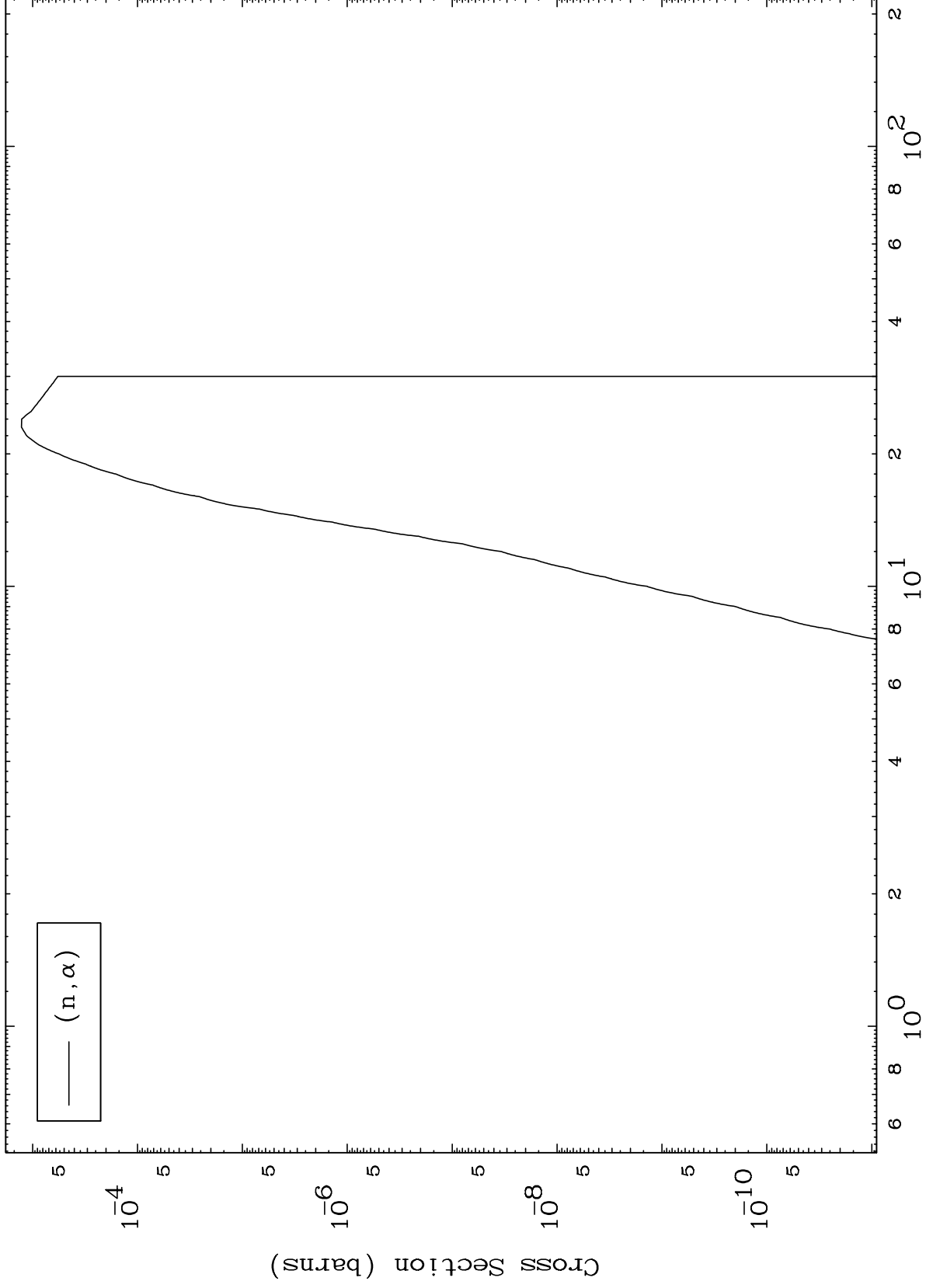
Incident Energy (MeV)

46-Pd-117

MAT 4670

(n, α) Levels
293 Kelvin Cross Sections

46-Pd-117



14

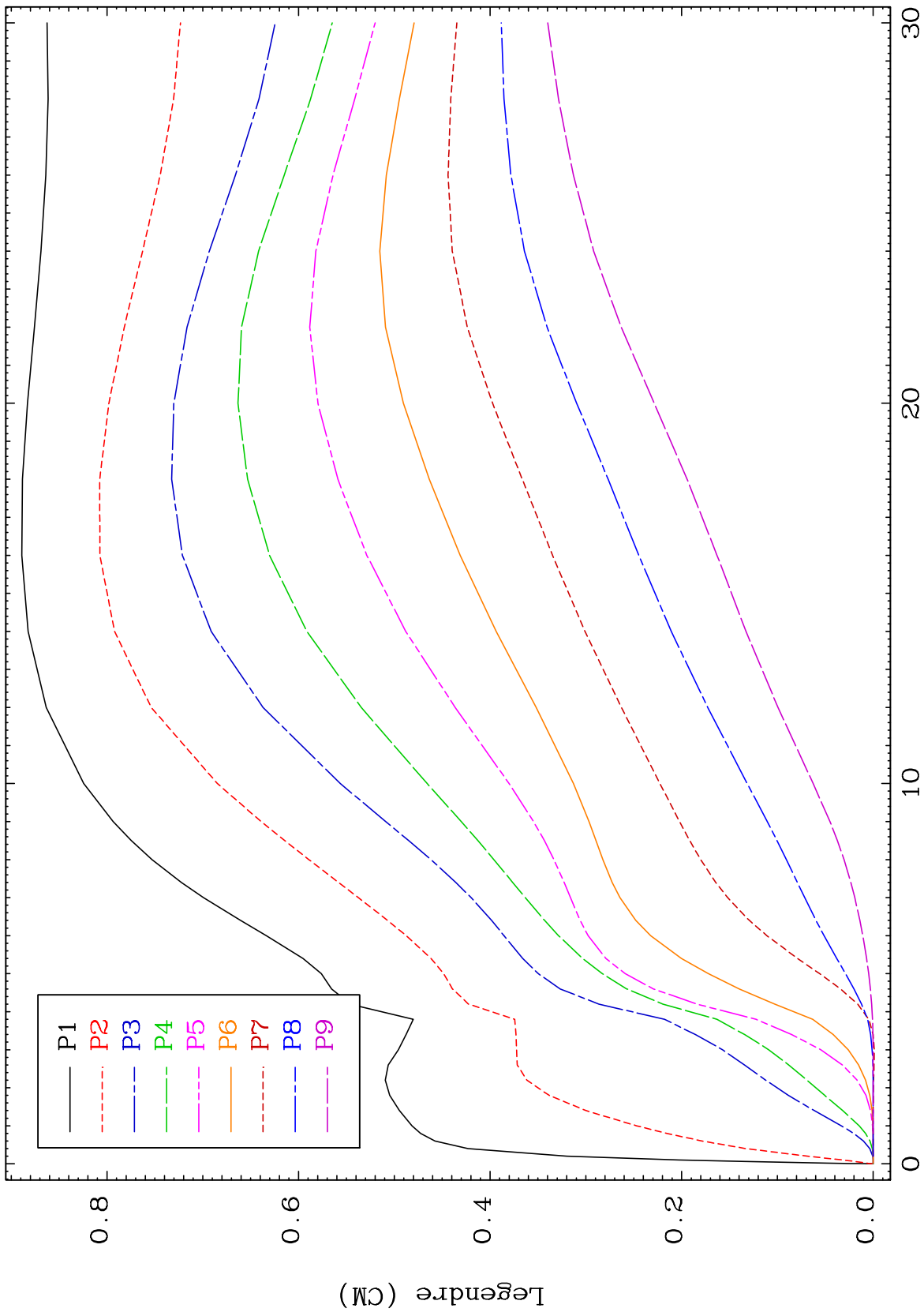
Incident Energy (MeV)

46-Pd-117

MAT 4670

46-Pd-117

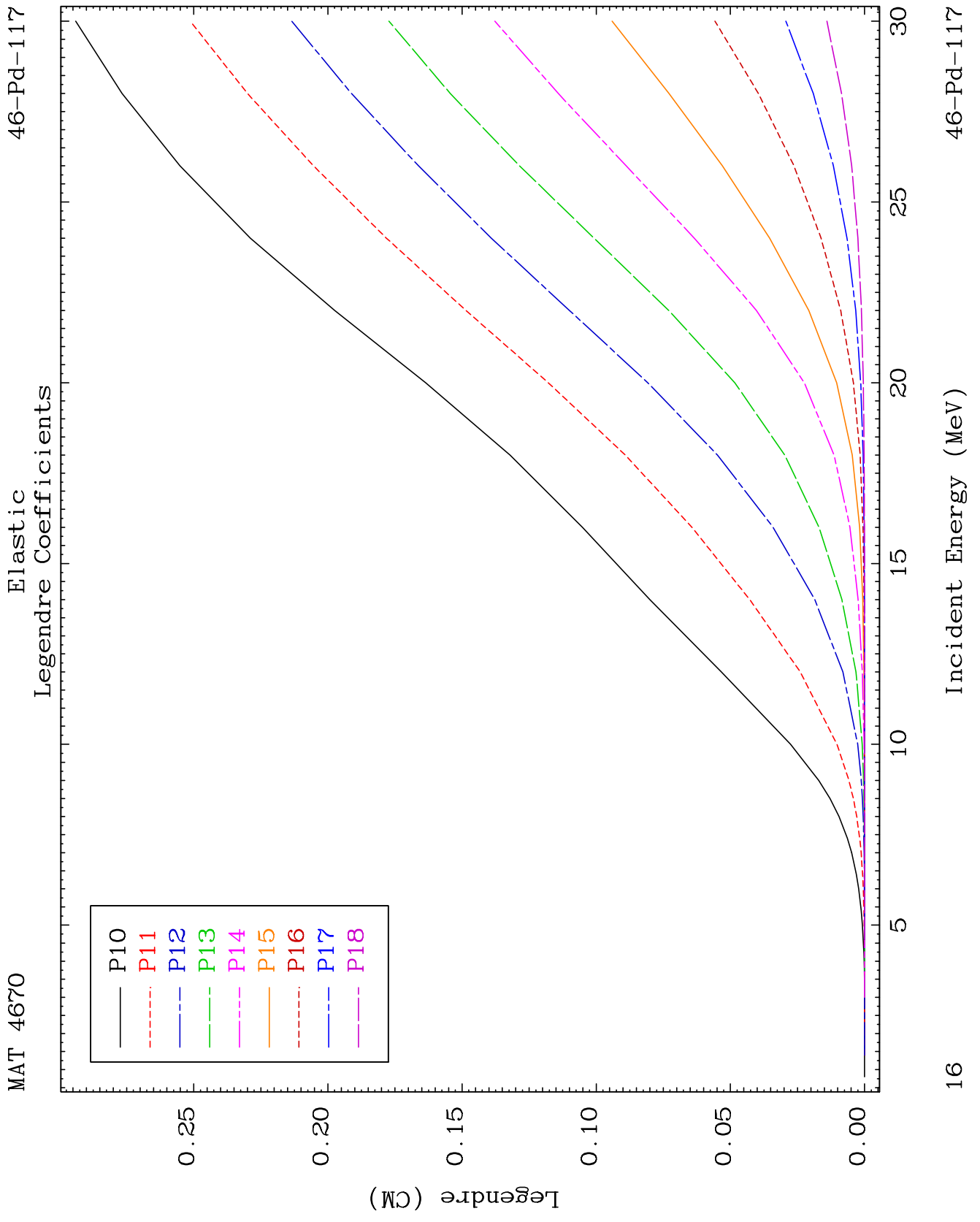
Elastic Legendre Coefficients



46-Pd-117

Incident Energy (MeV)

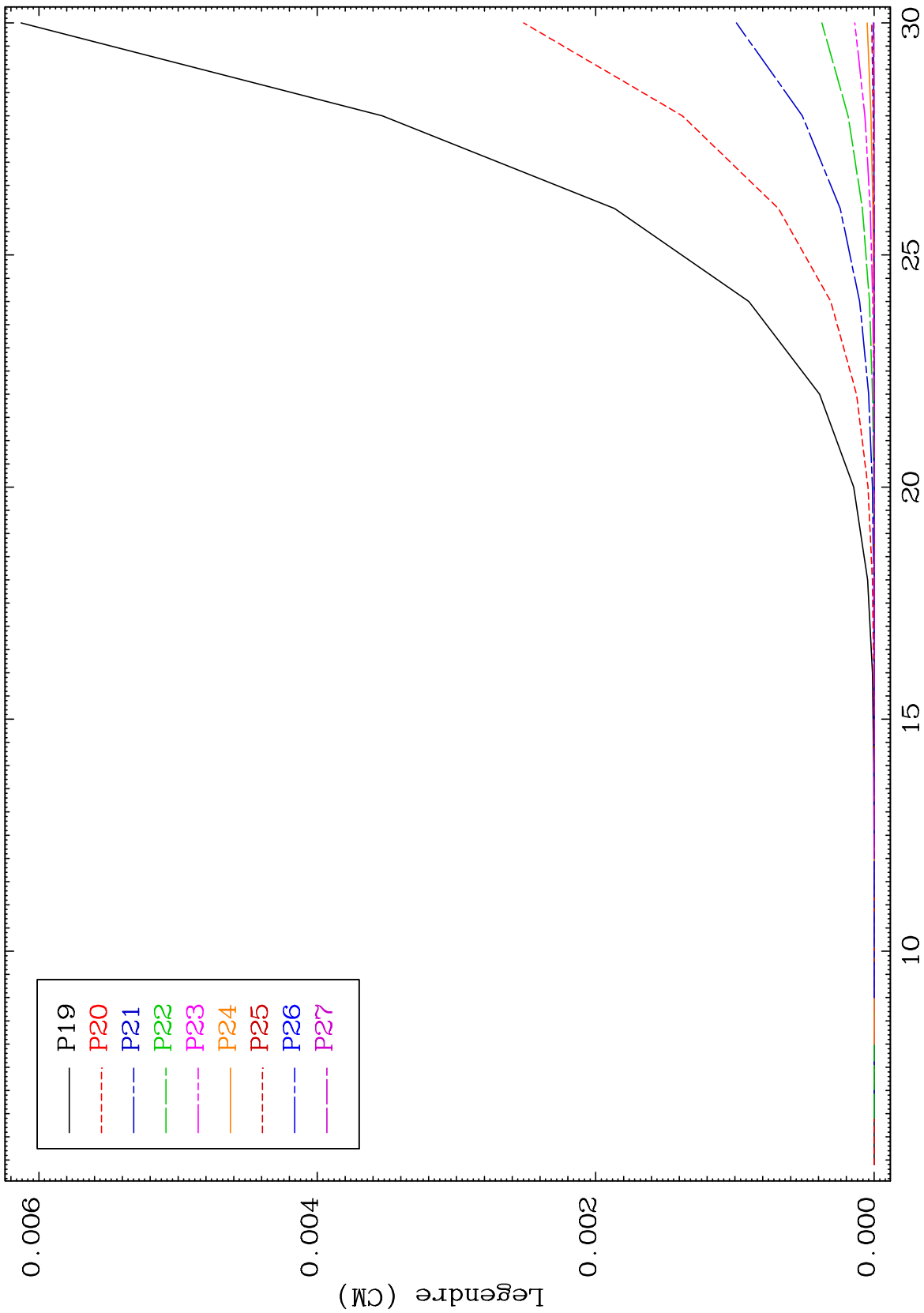
15



MAT 4670

Elastic
Legendre Coefficients

46-Pd-117



17

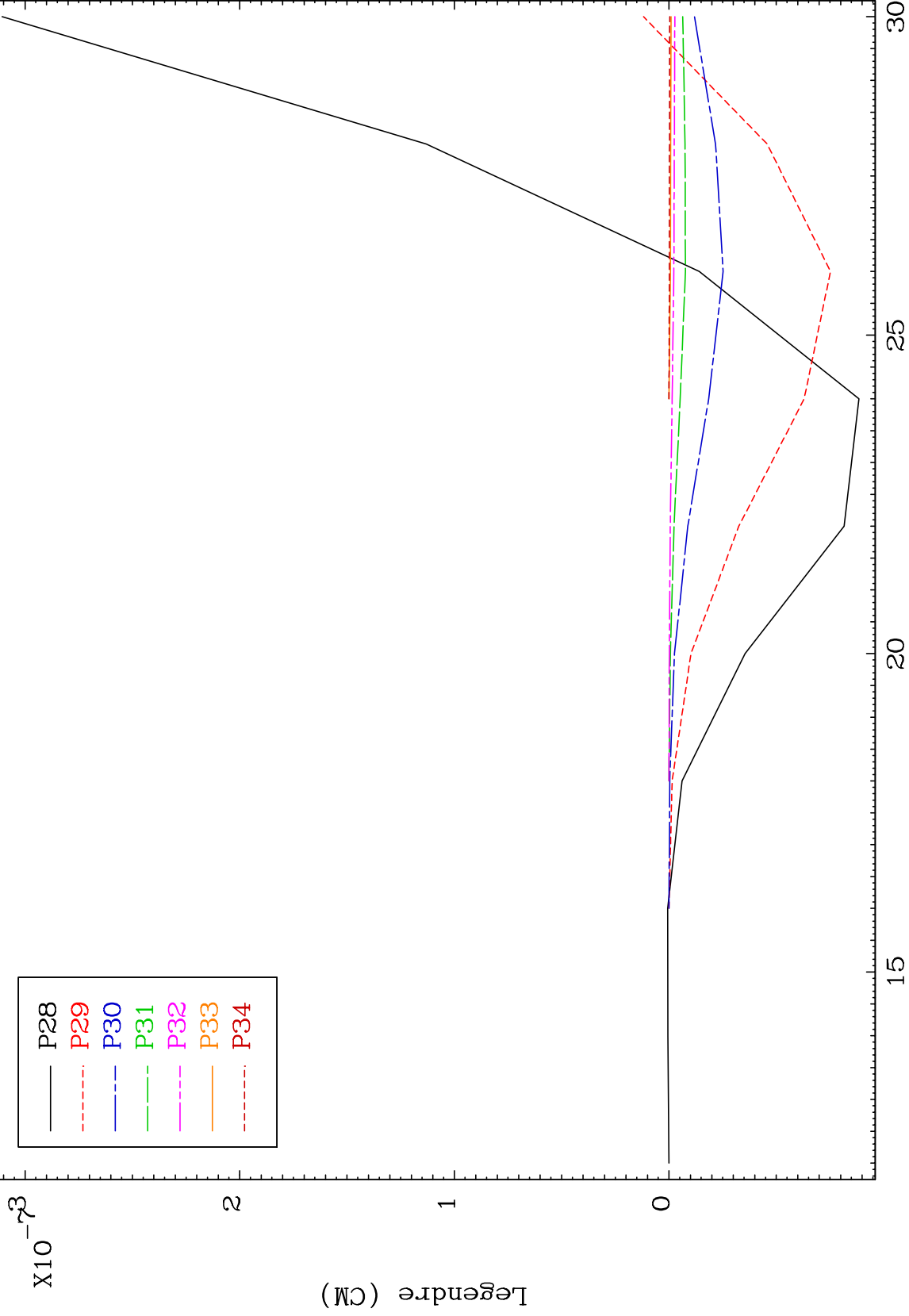
Incident Energy (MeV)

46-Pd-117

MAT 4670

Elastic
Legendre Coefficients

46-Pd-117



18

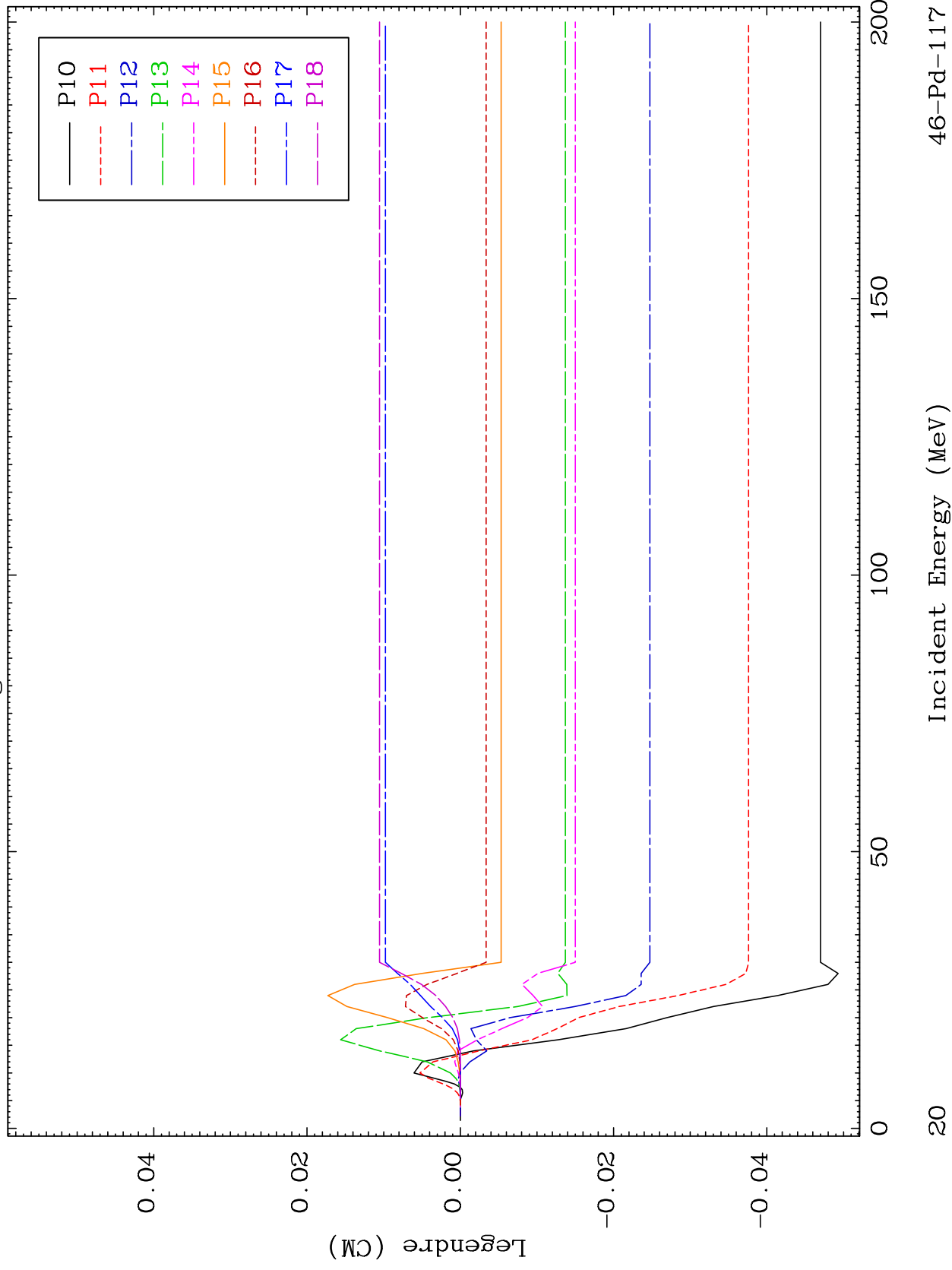
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

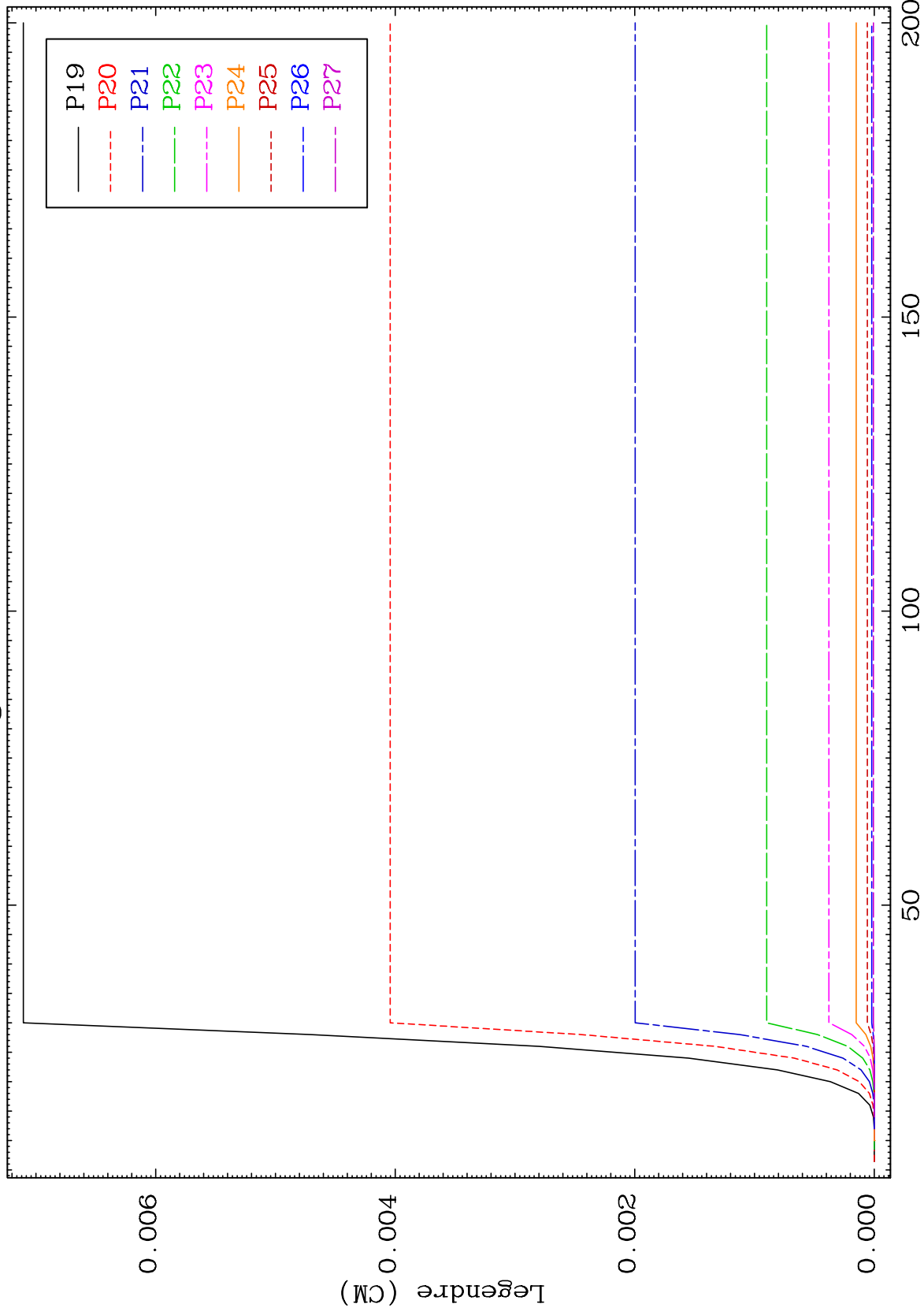
46-Pd-117



MAT 4670

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

46-Pd-117



21

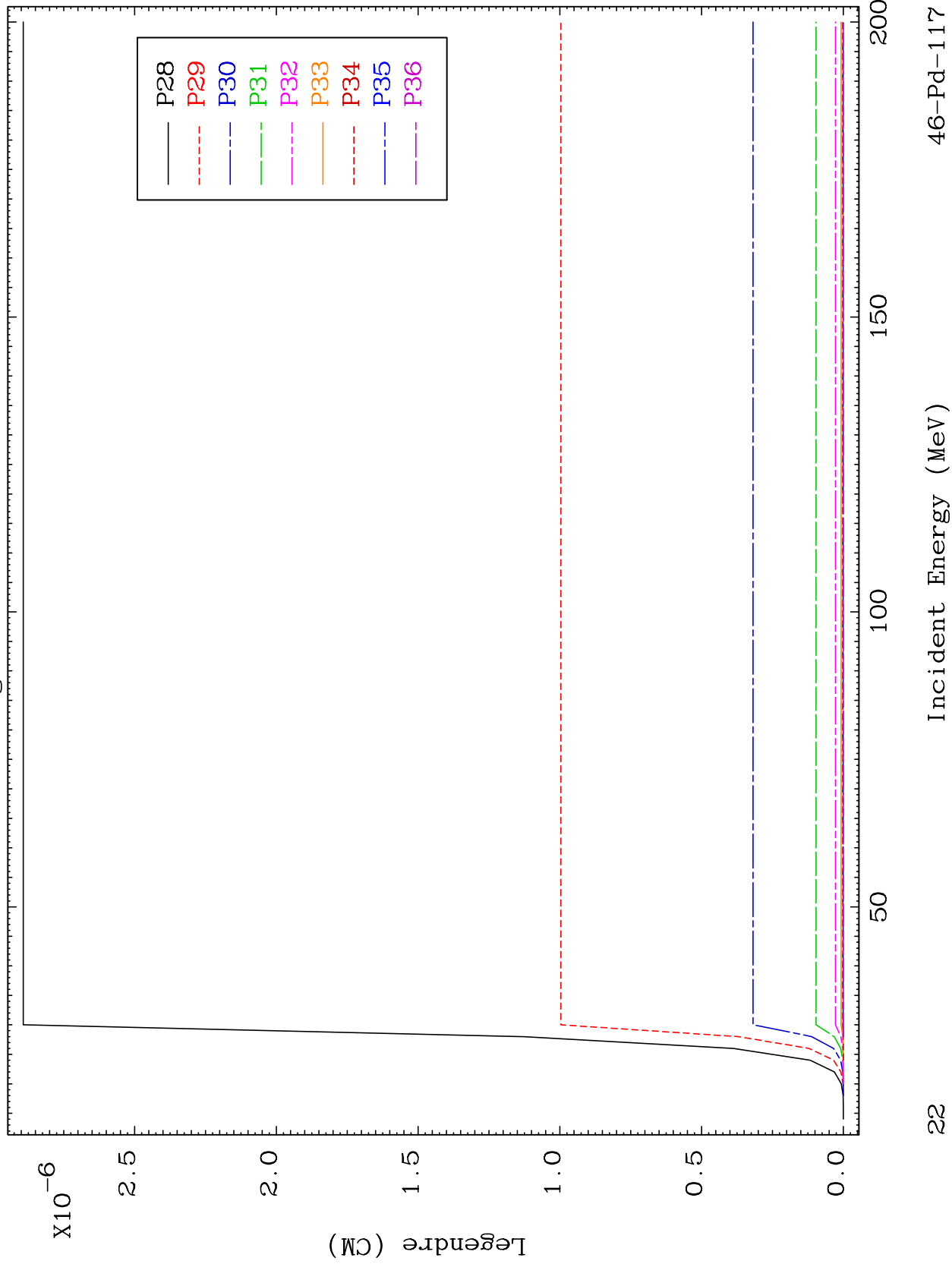
Incident Energy (MeV)

46-Pd-117

MAT 4670

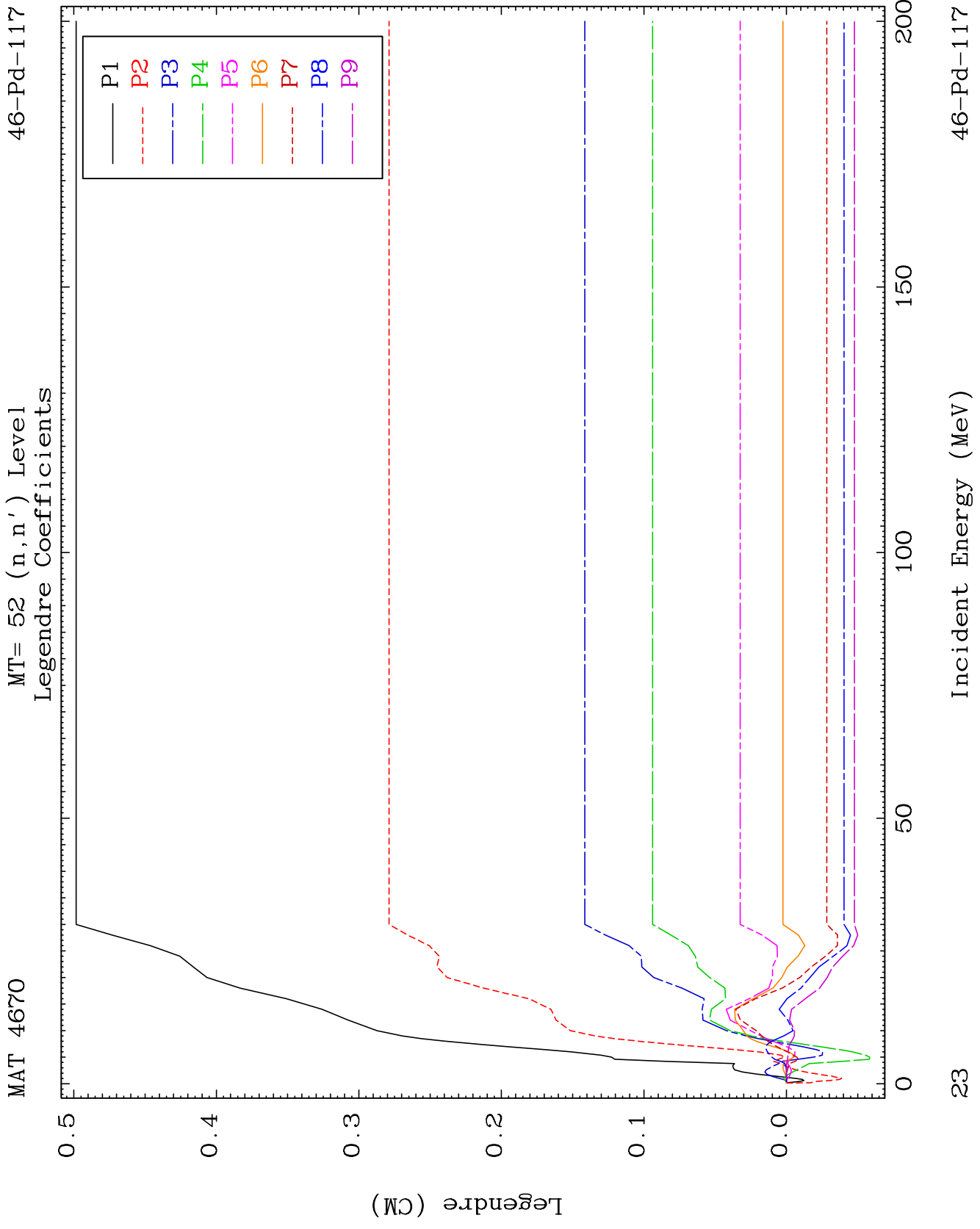
MT= 51 (n,n') Level
Legendre Coefficients

46-Pd-117



22

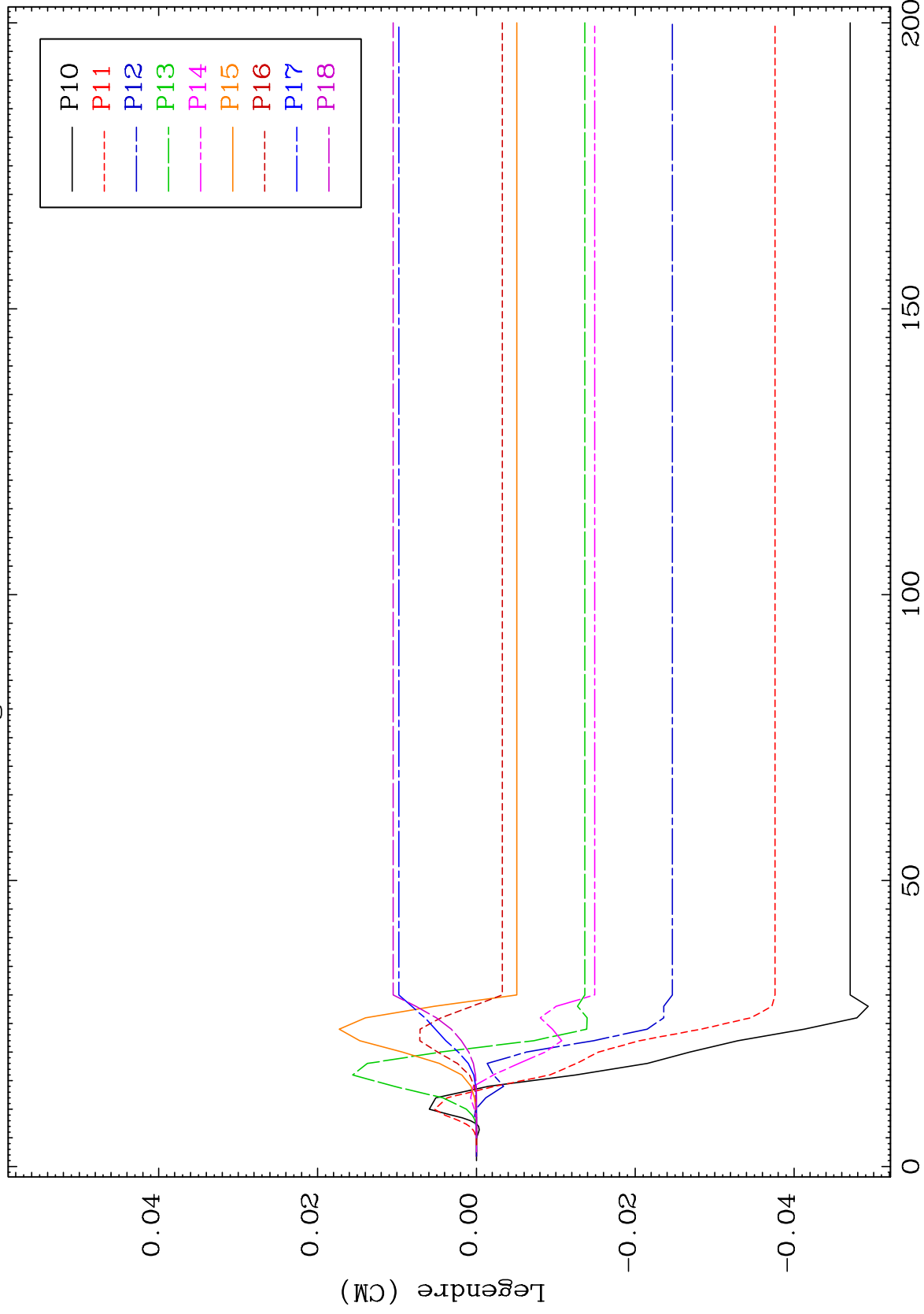
46-Pd-117



MAT 4670

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

46-Pd-117



24

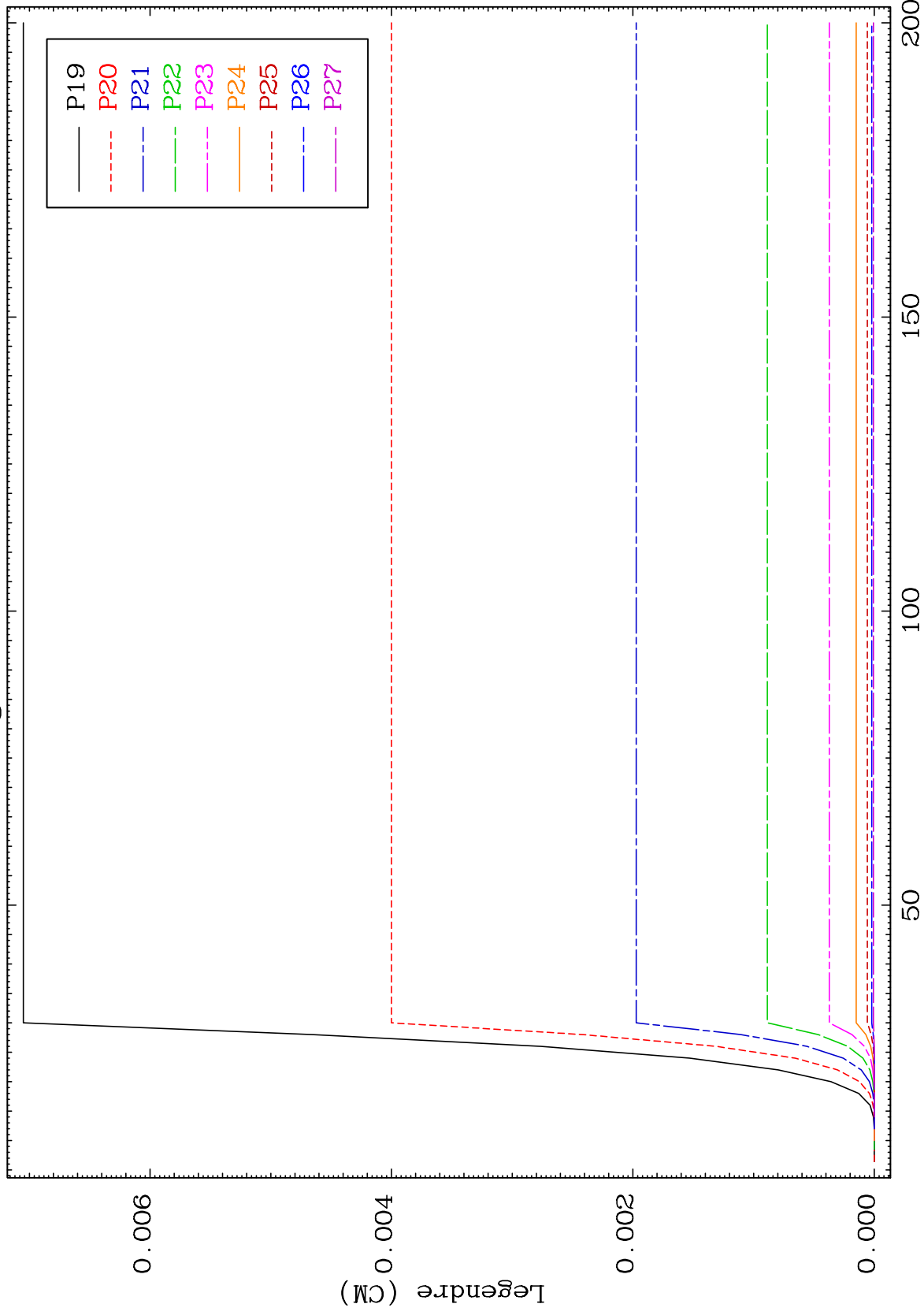
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



25

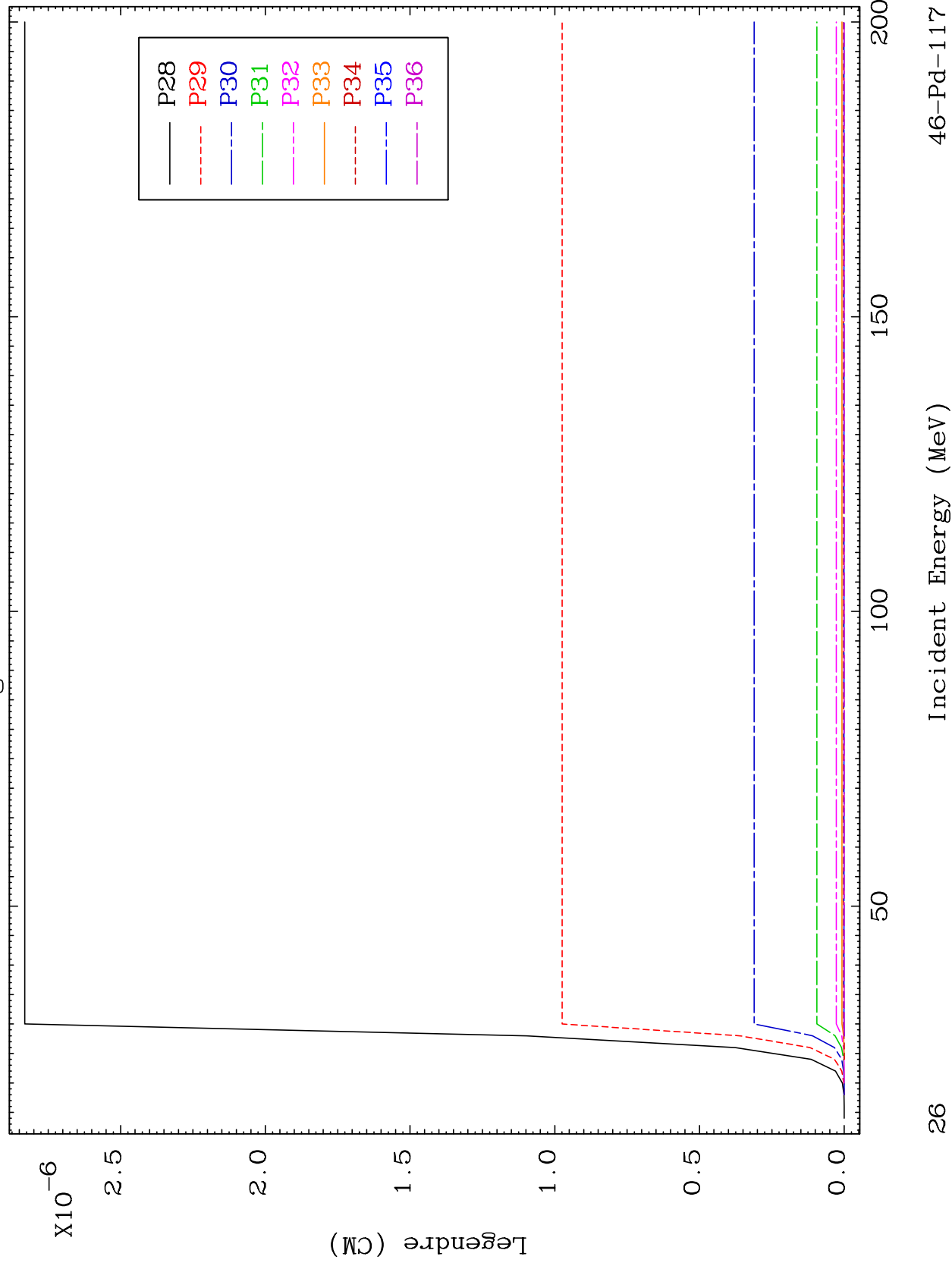
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



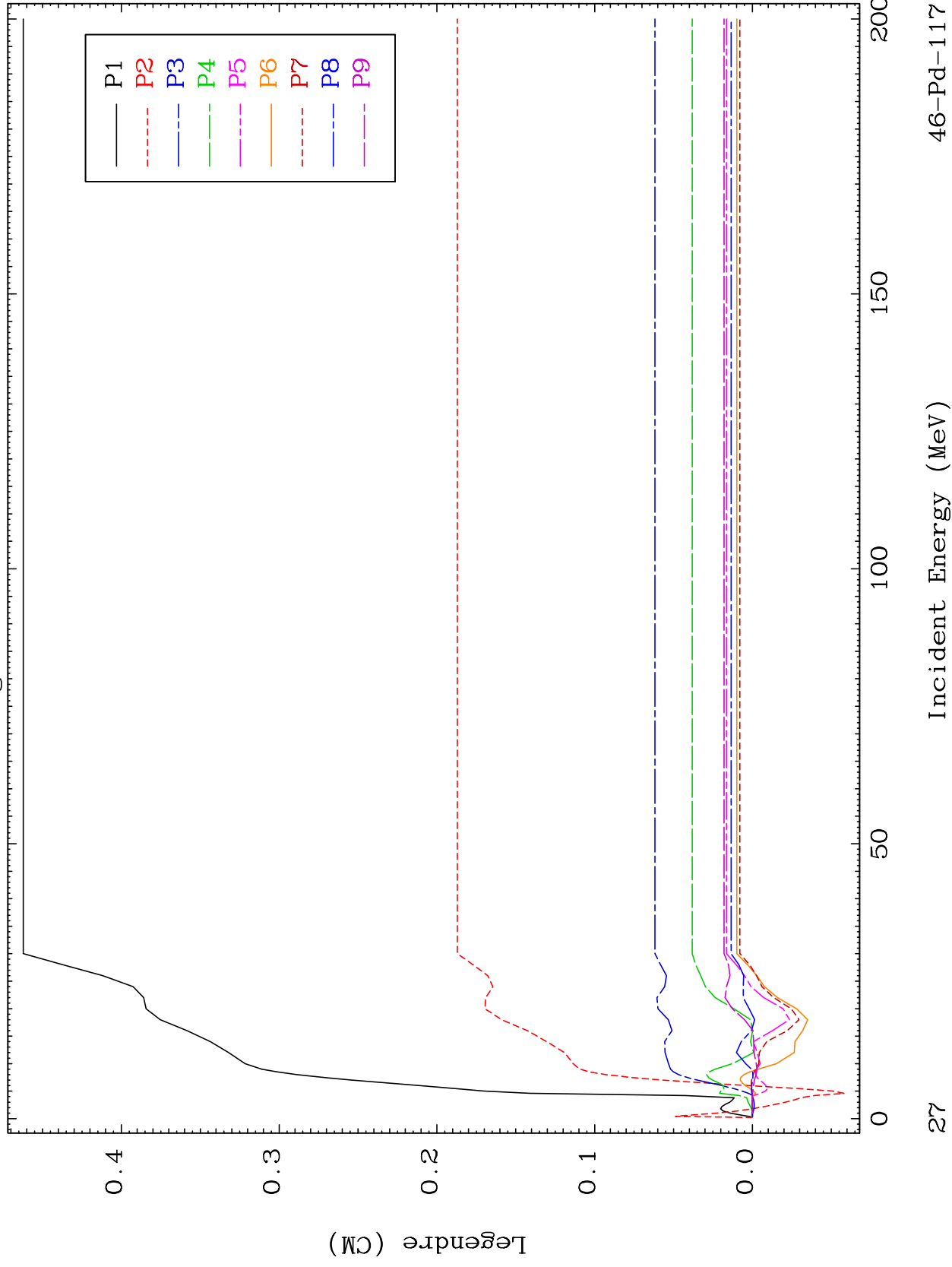
26

46-Pd-117

MAT 4670

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

46-Pd-117



27

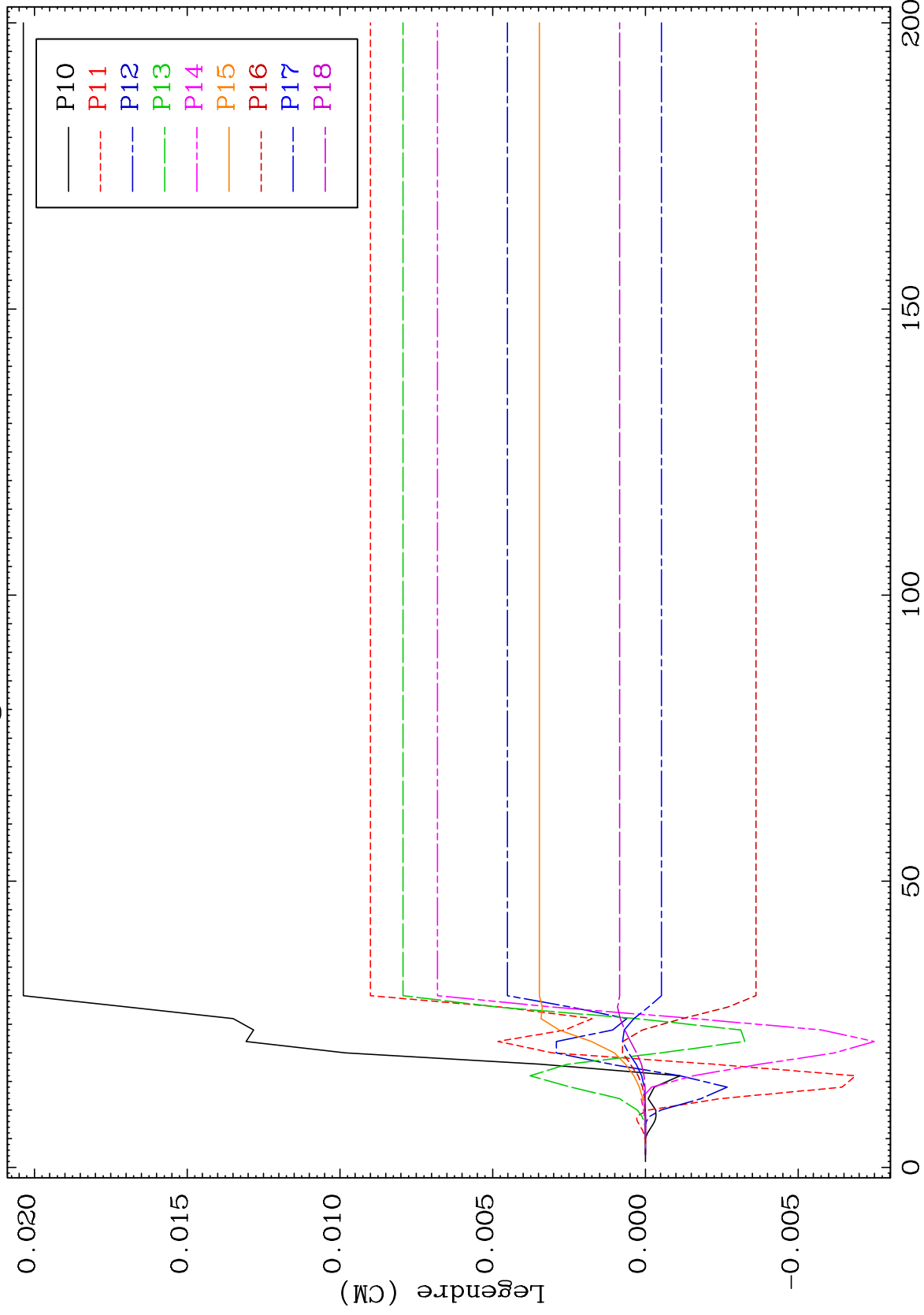
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

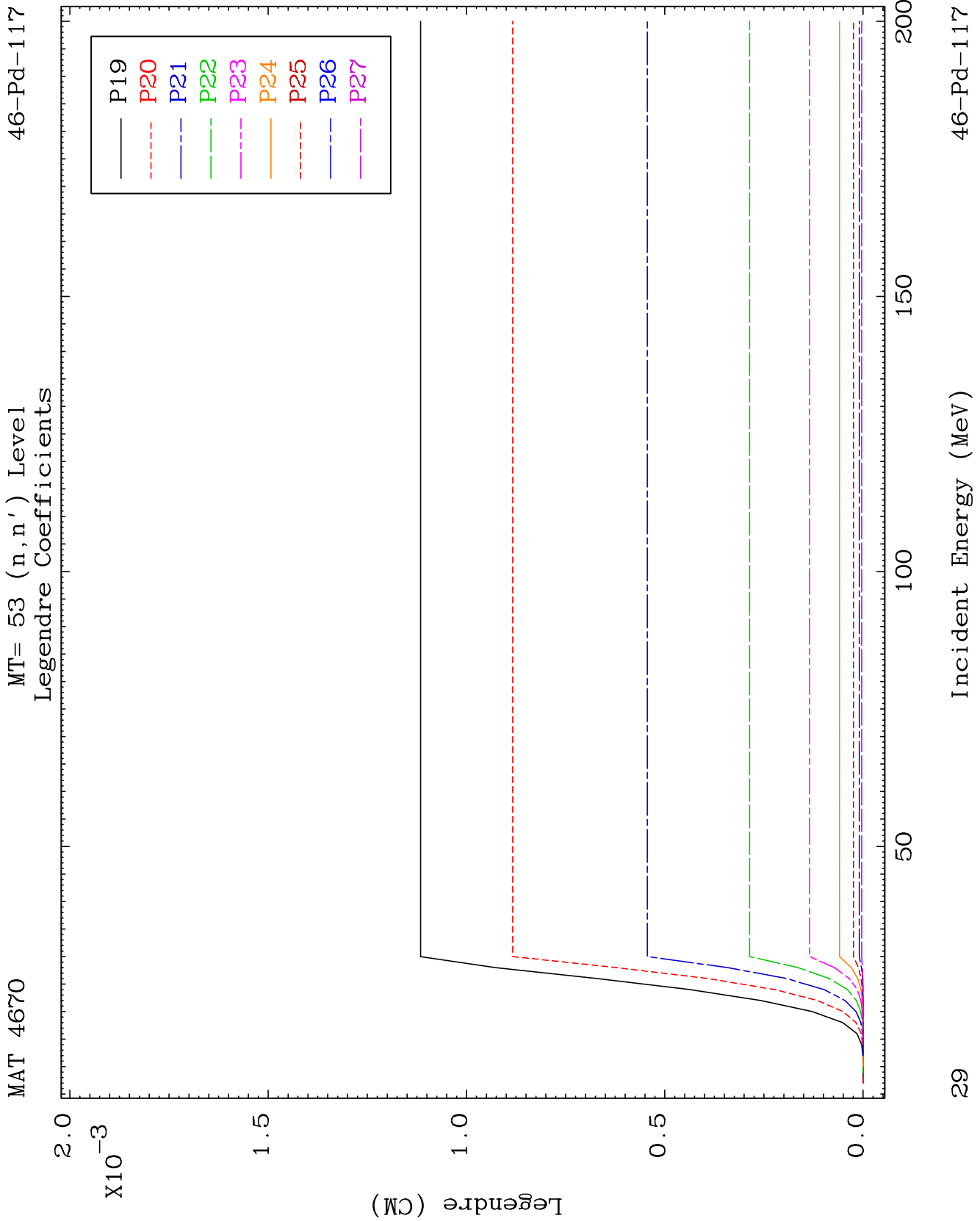
46-Pd-117



28

Incident Energy (MeV)

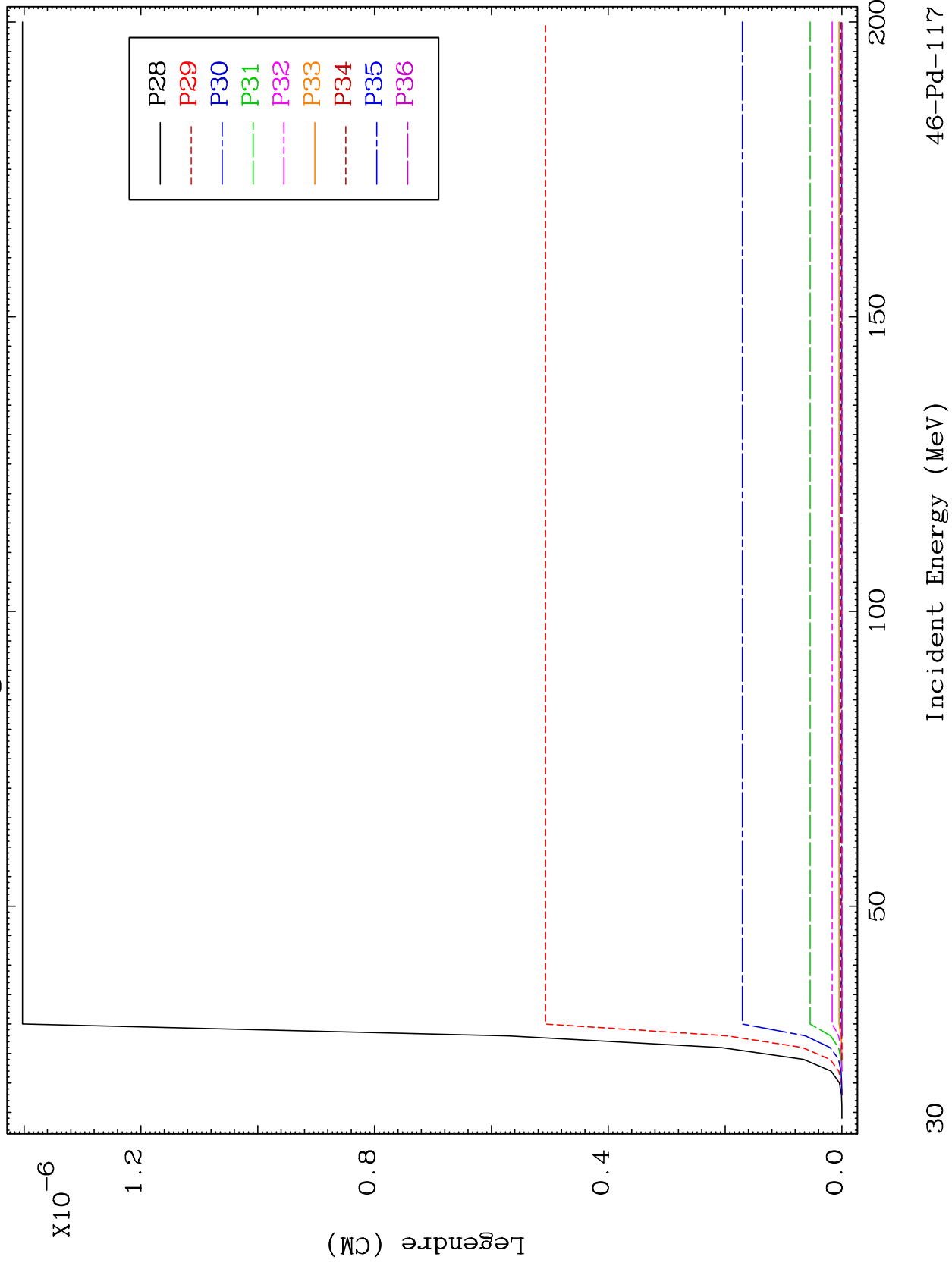
46-Pd-117



MAT 4670

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

46-Pd-117

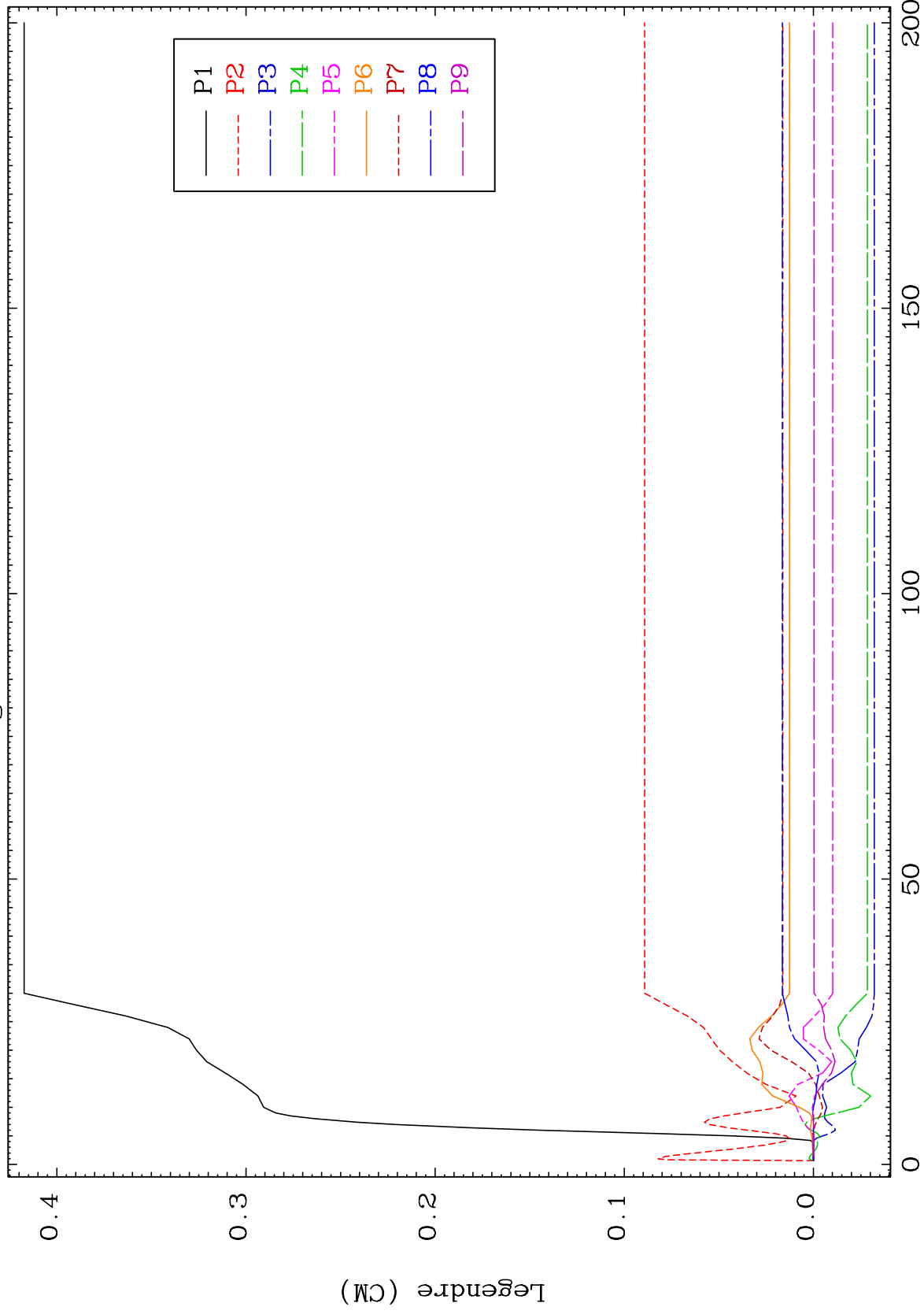


46-Pd-117

MAT 4670

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

46-Pd-117



31

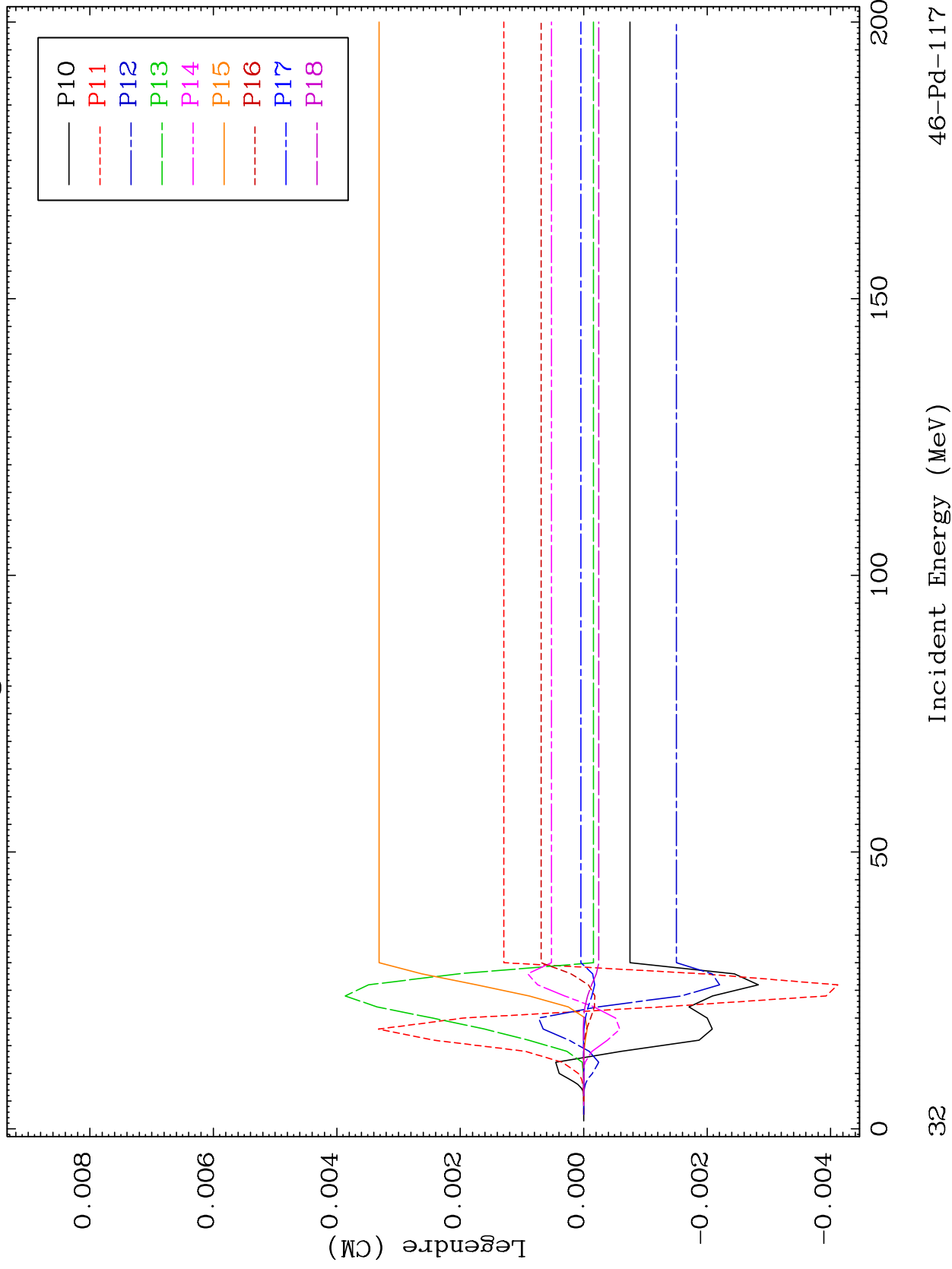
Incident Energy (MeV)

46-Pd-117

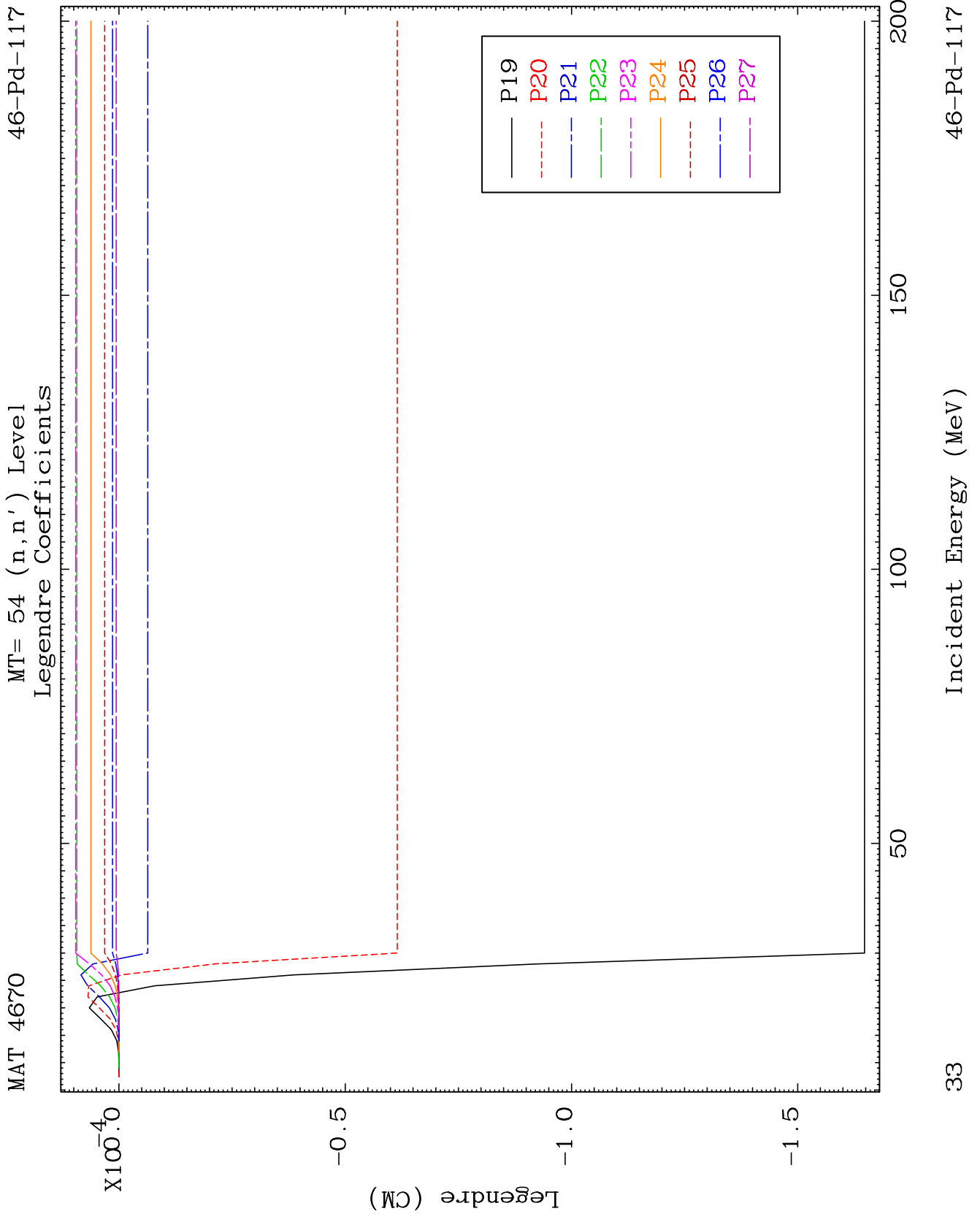
MAT 4670

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

46-Pd-117



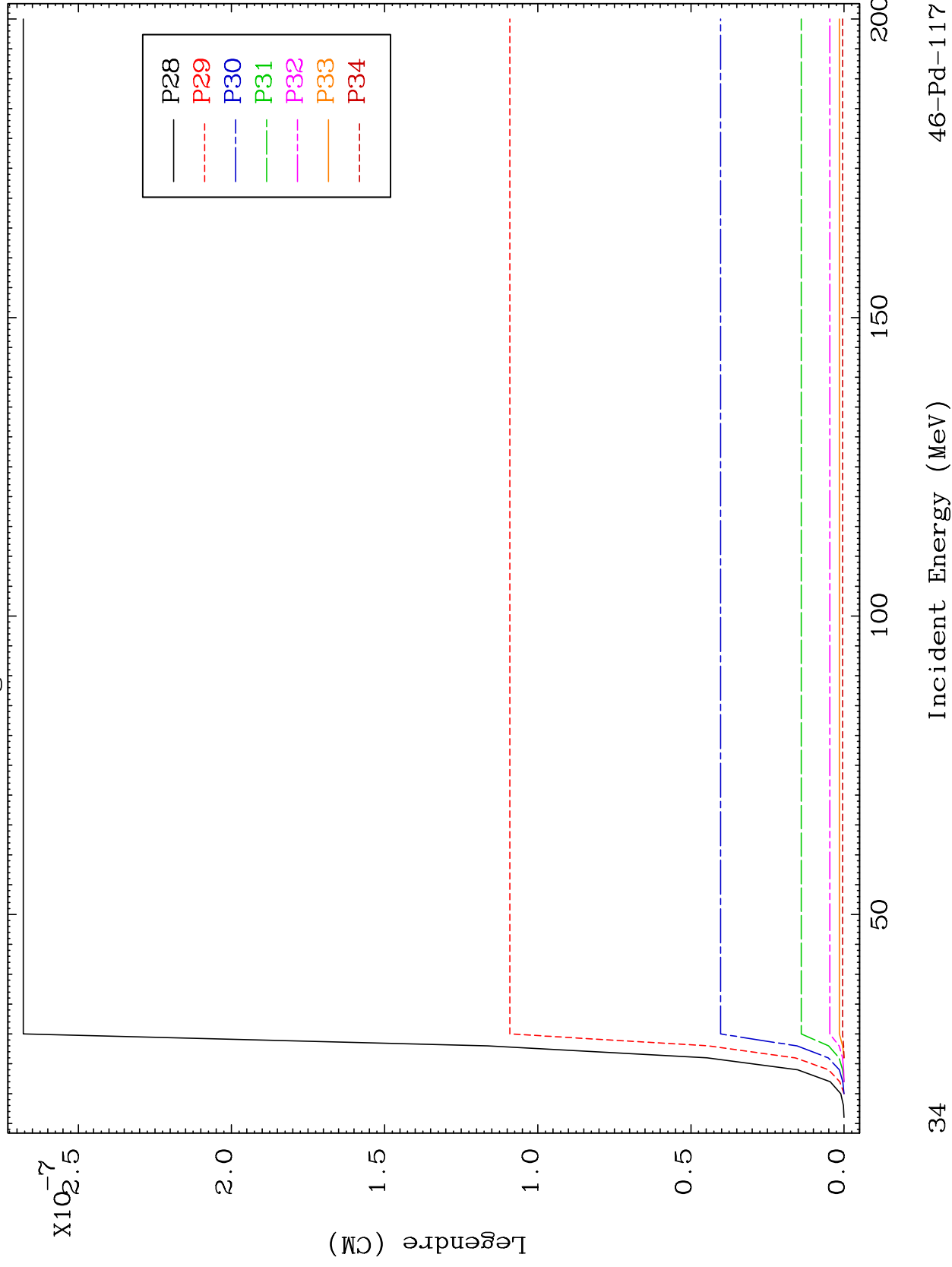
32



MAT 4670

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

46-Pd-117



34

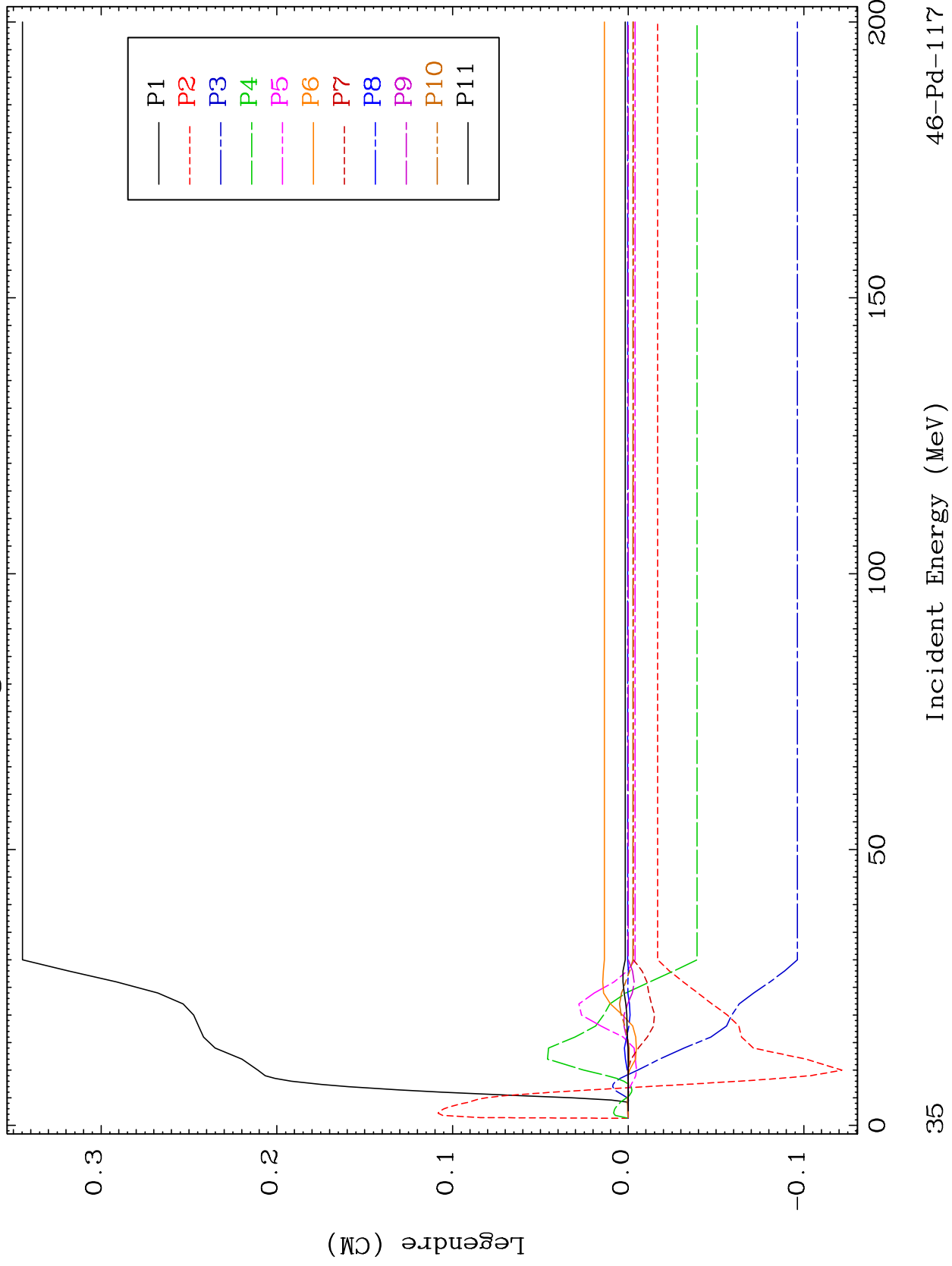
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



46-Pd-117

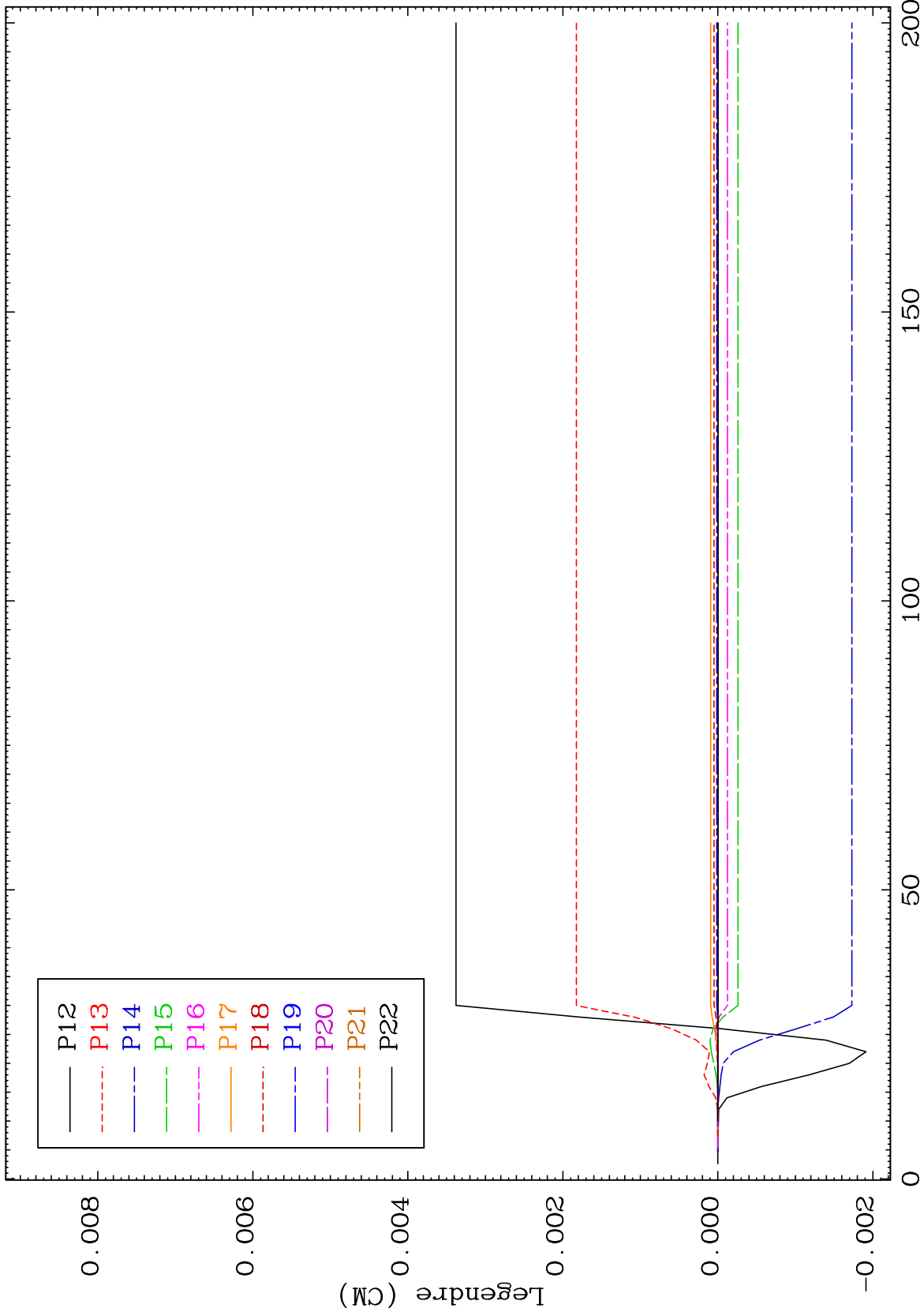
Incident Energy (MeV)

35

MAT 4670

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

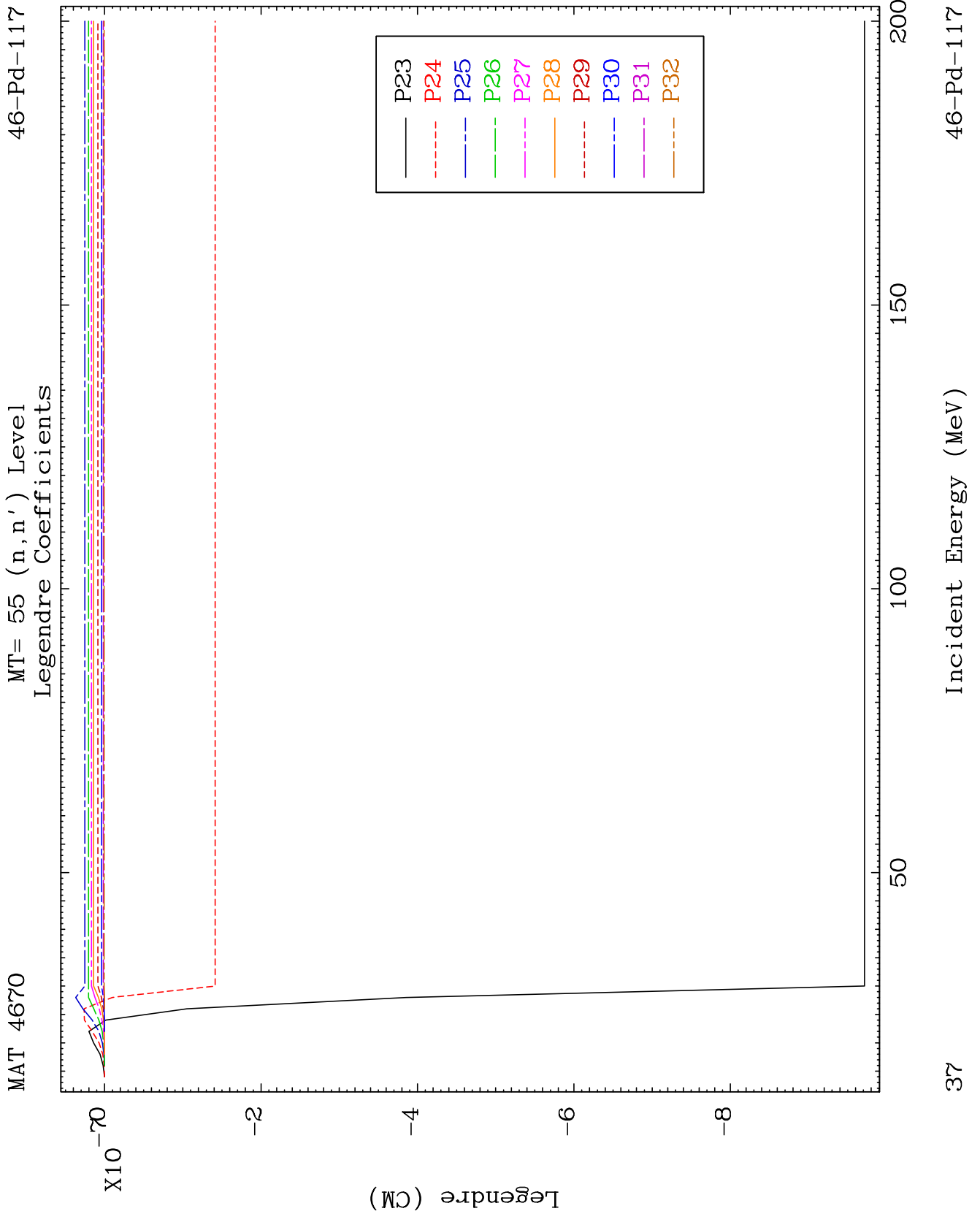
46-Pd-117



36

Incident Energy (MeV)

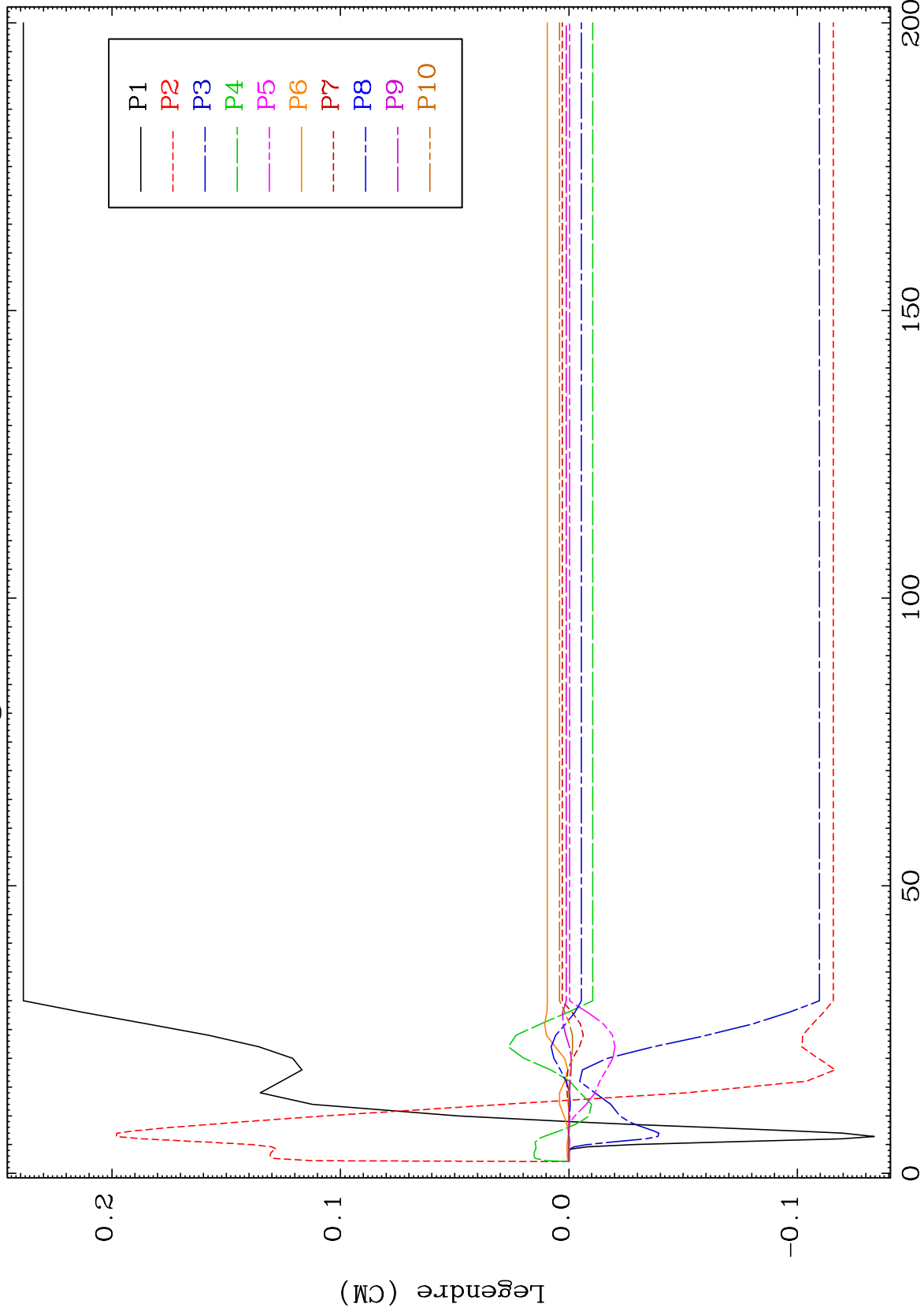
46-Pd-117



MAT 4670

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

46-Pd-117



38

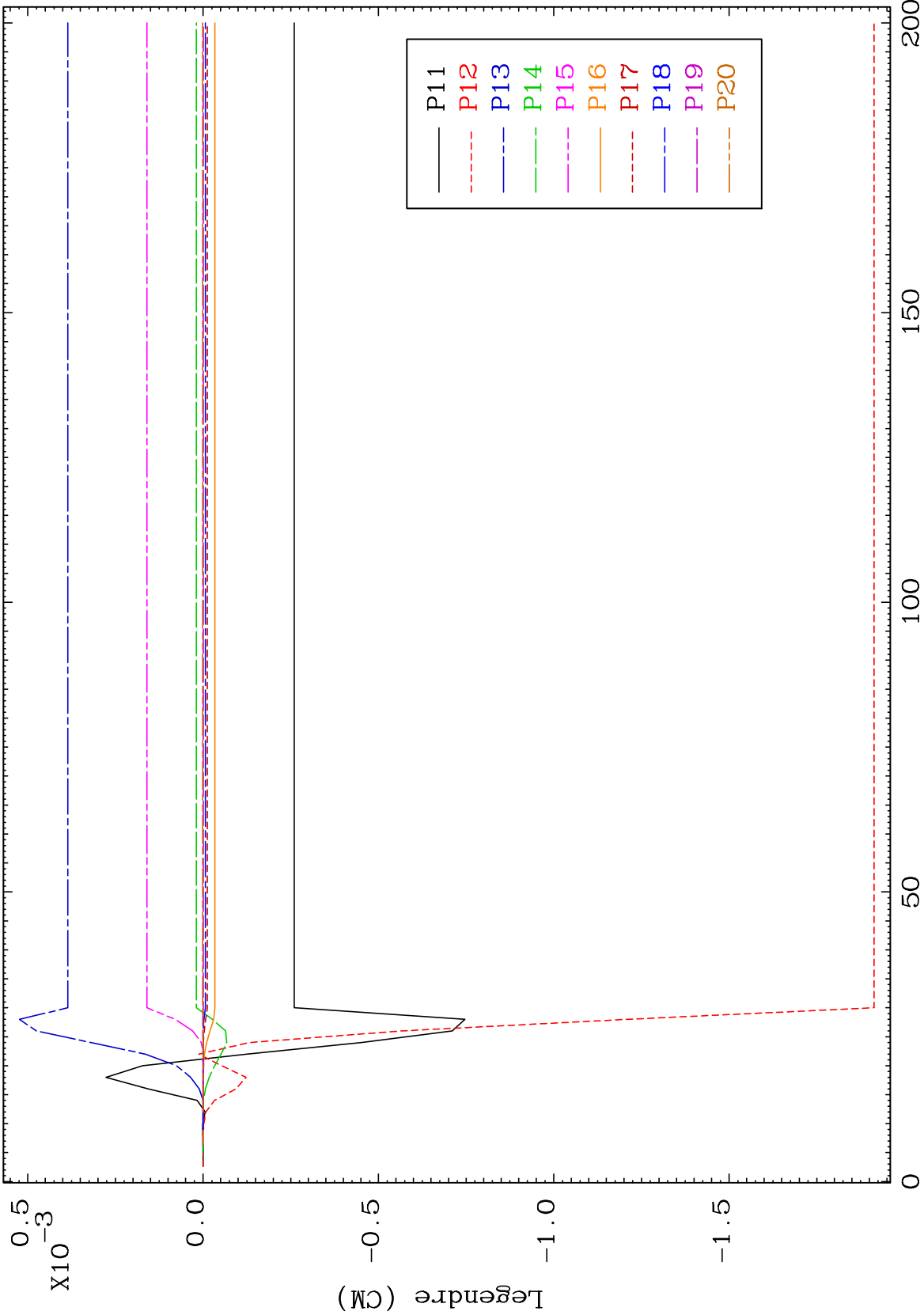
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



39

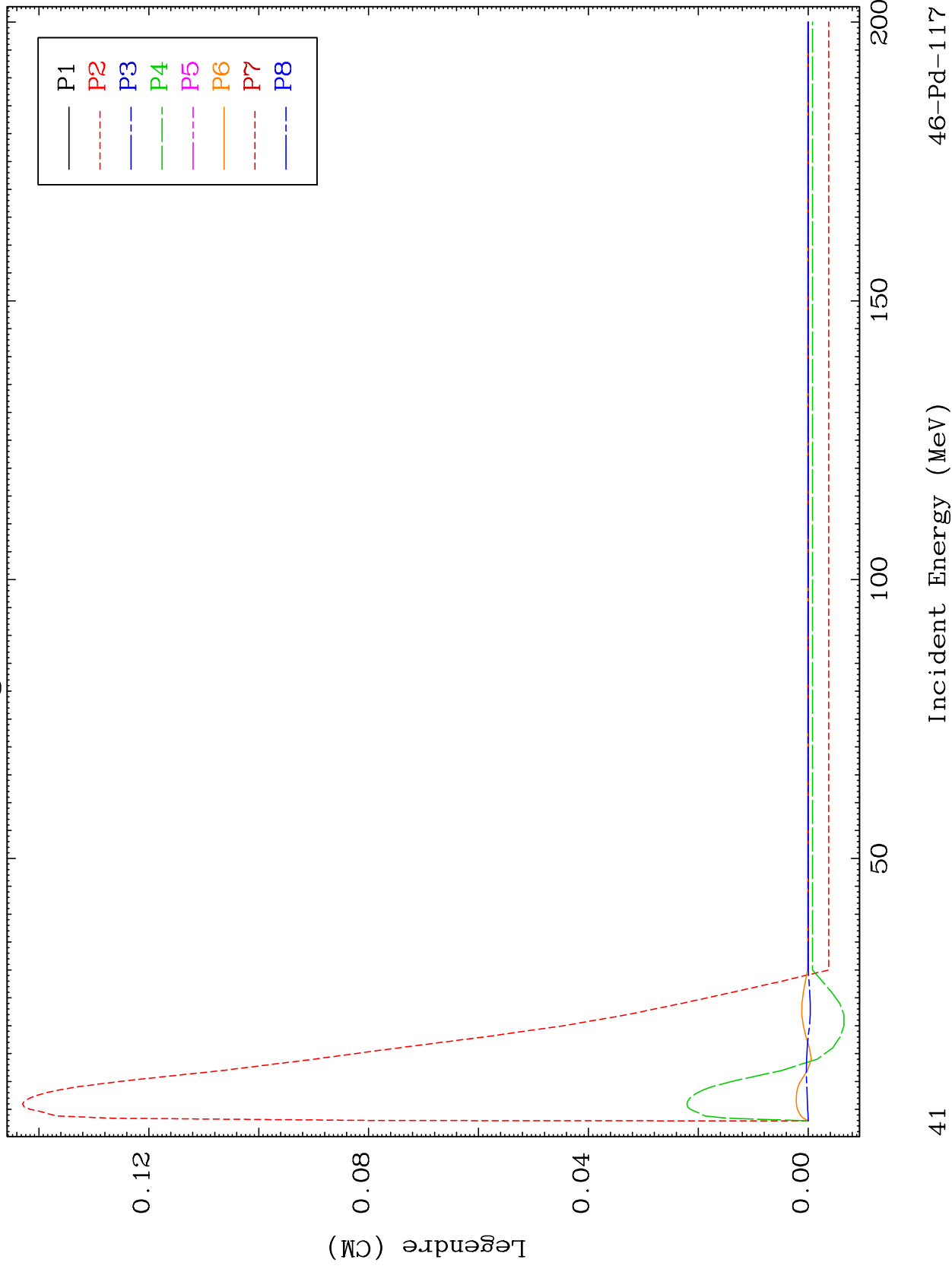
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117

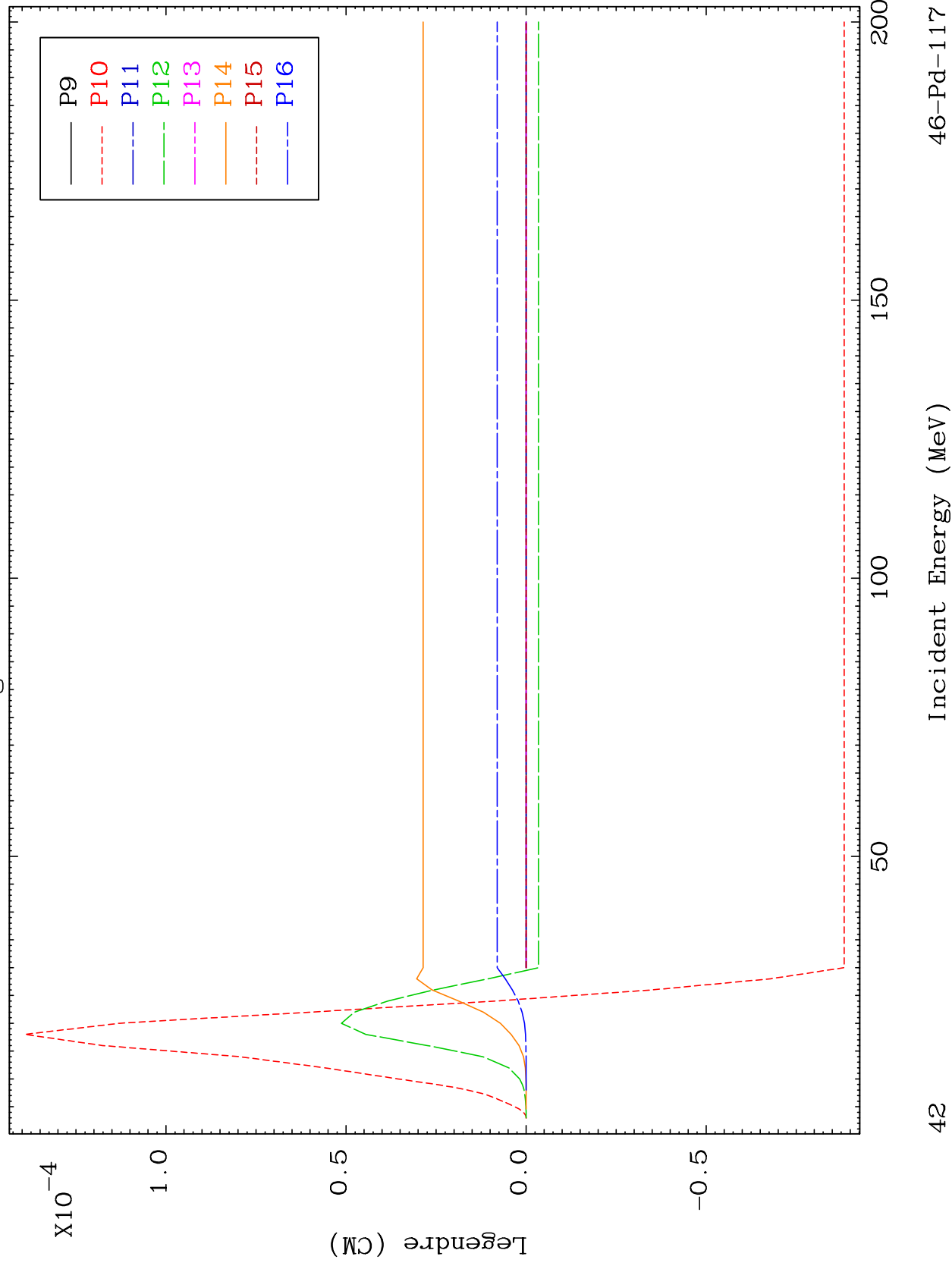


41

MAT 4670

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

46-Pd-117



42

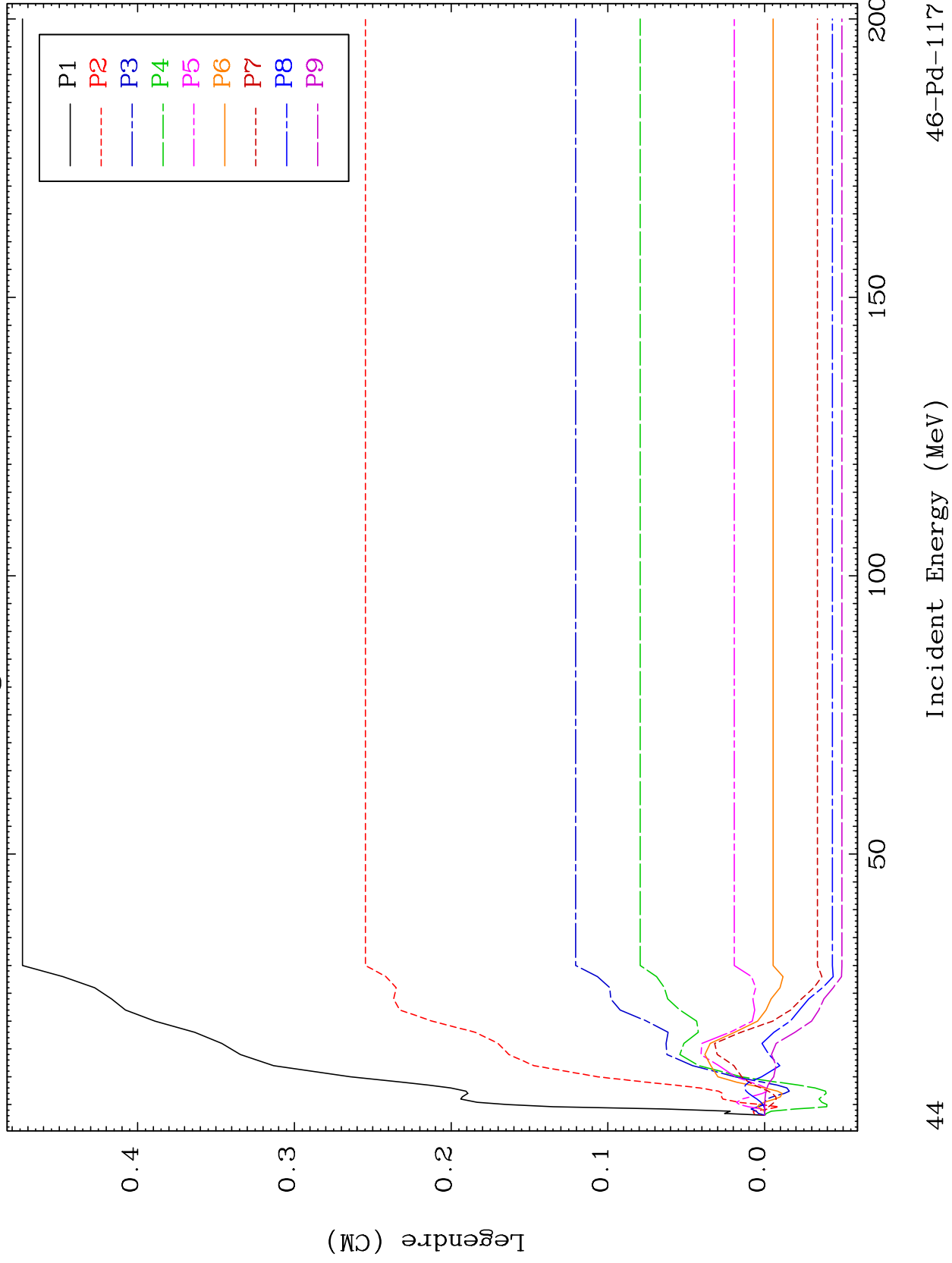
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



44

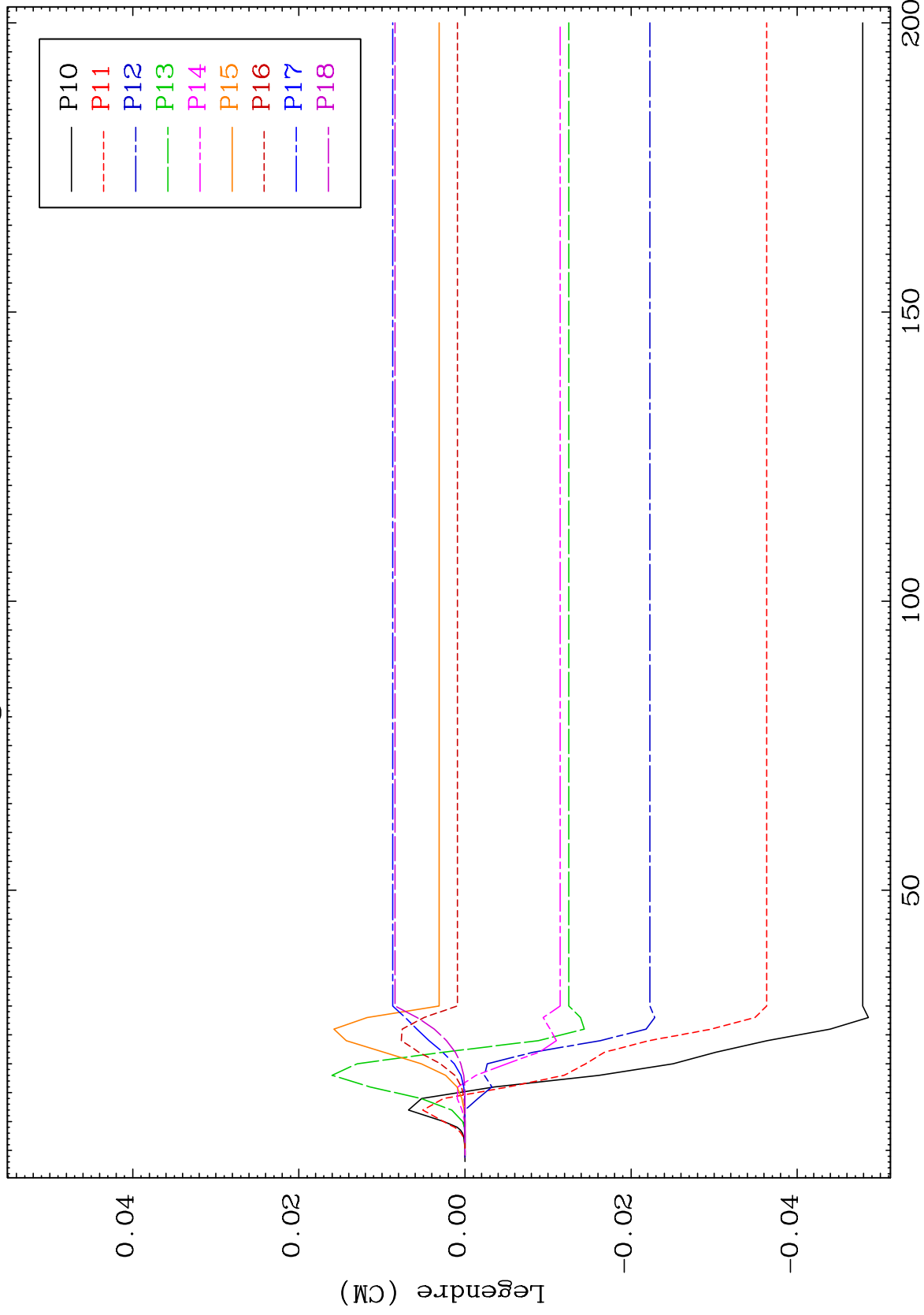
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



45

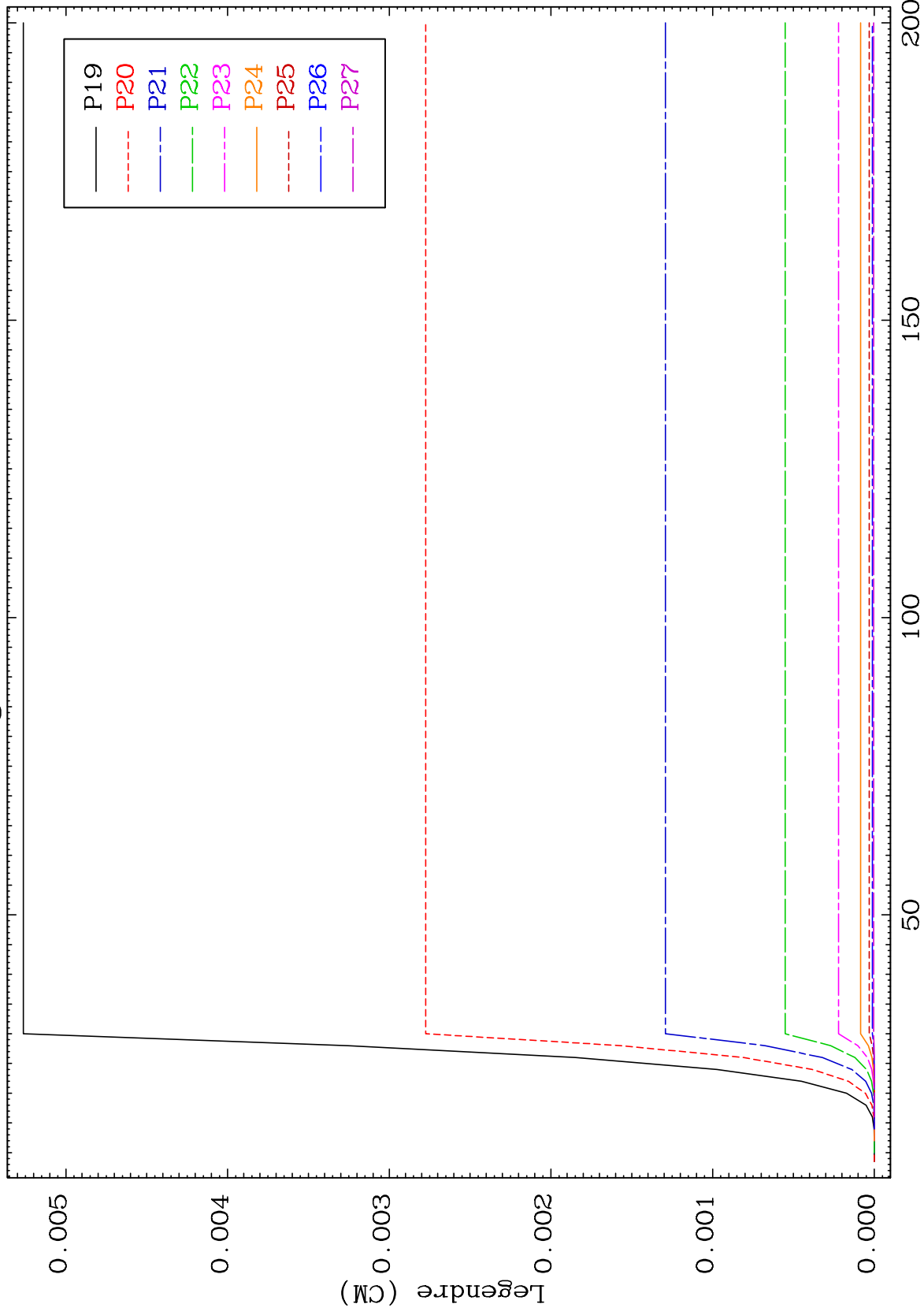
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



46

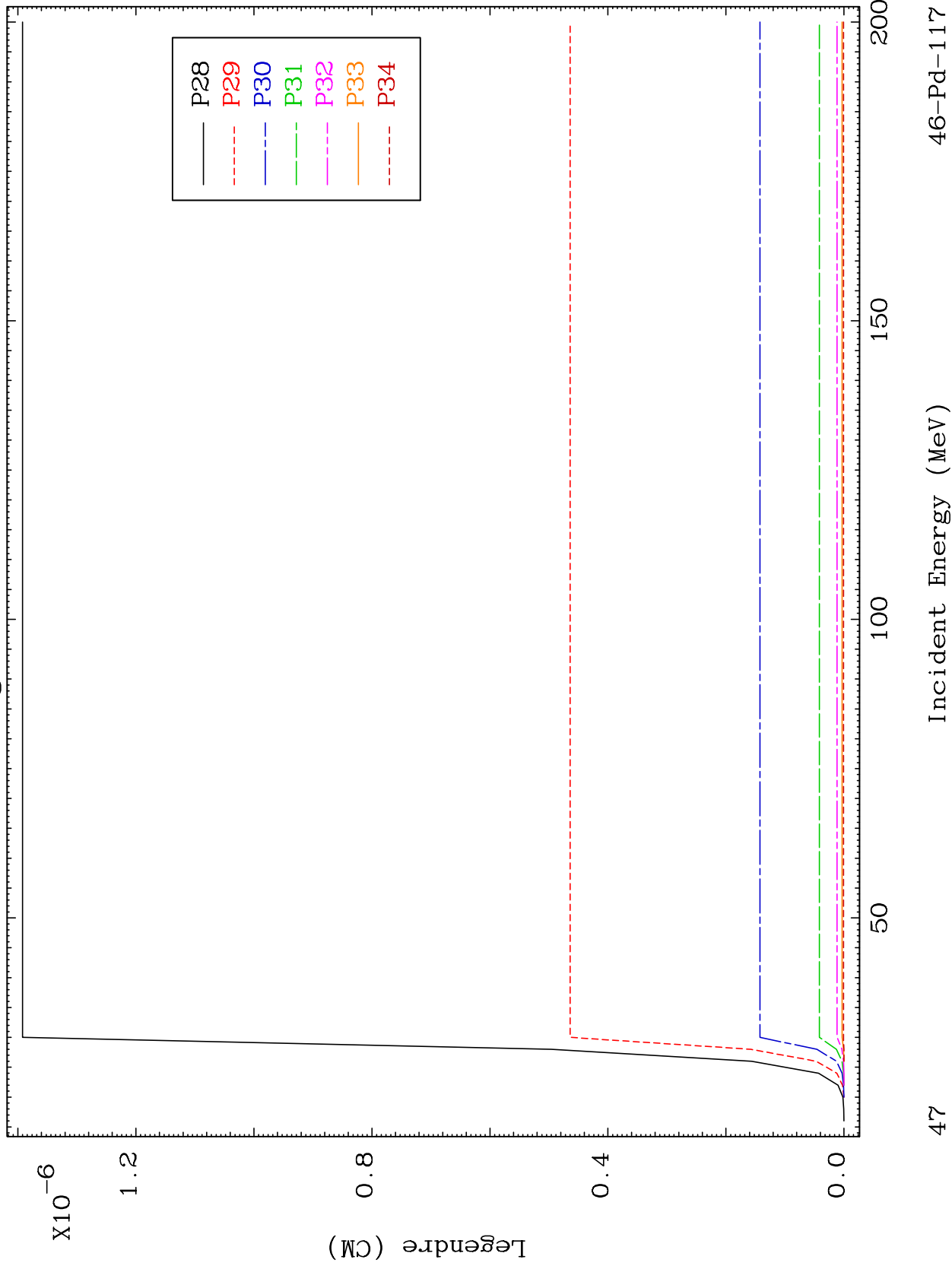
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

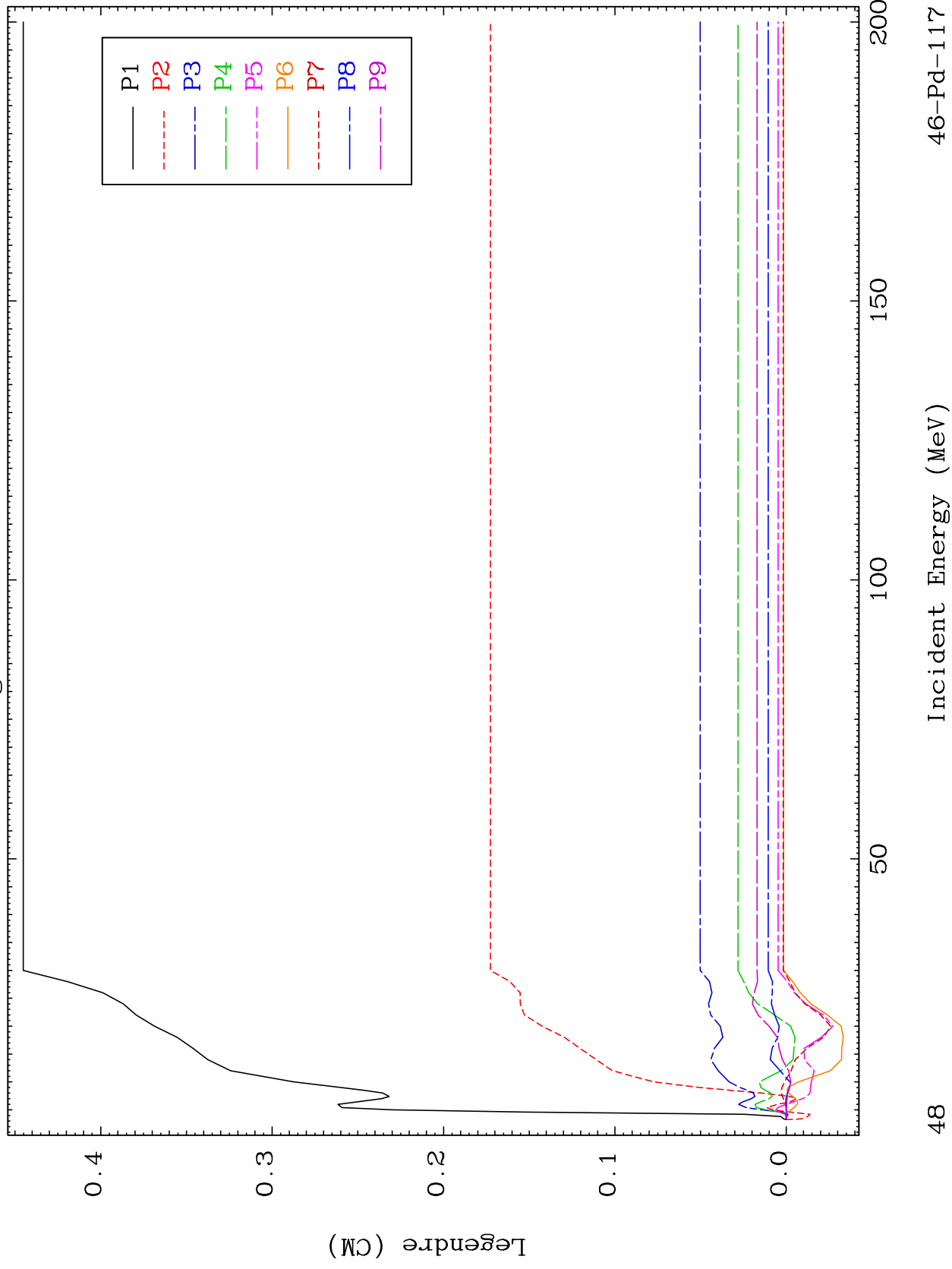
46-Pd-117



MAT 4670

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

46-Pd-117



48

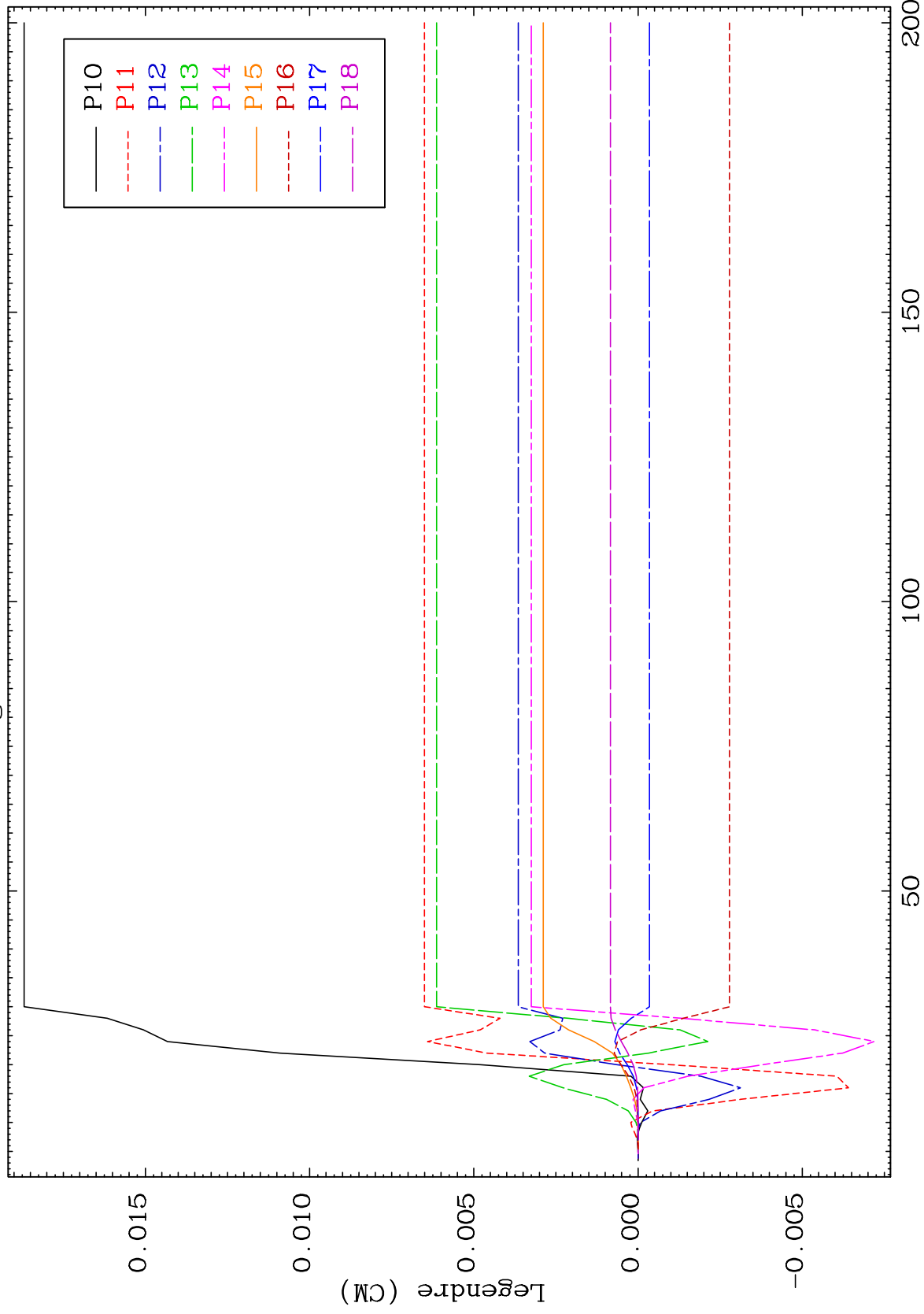
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



49

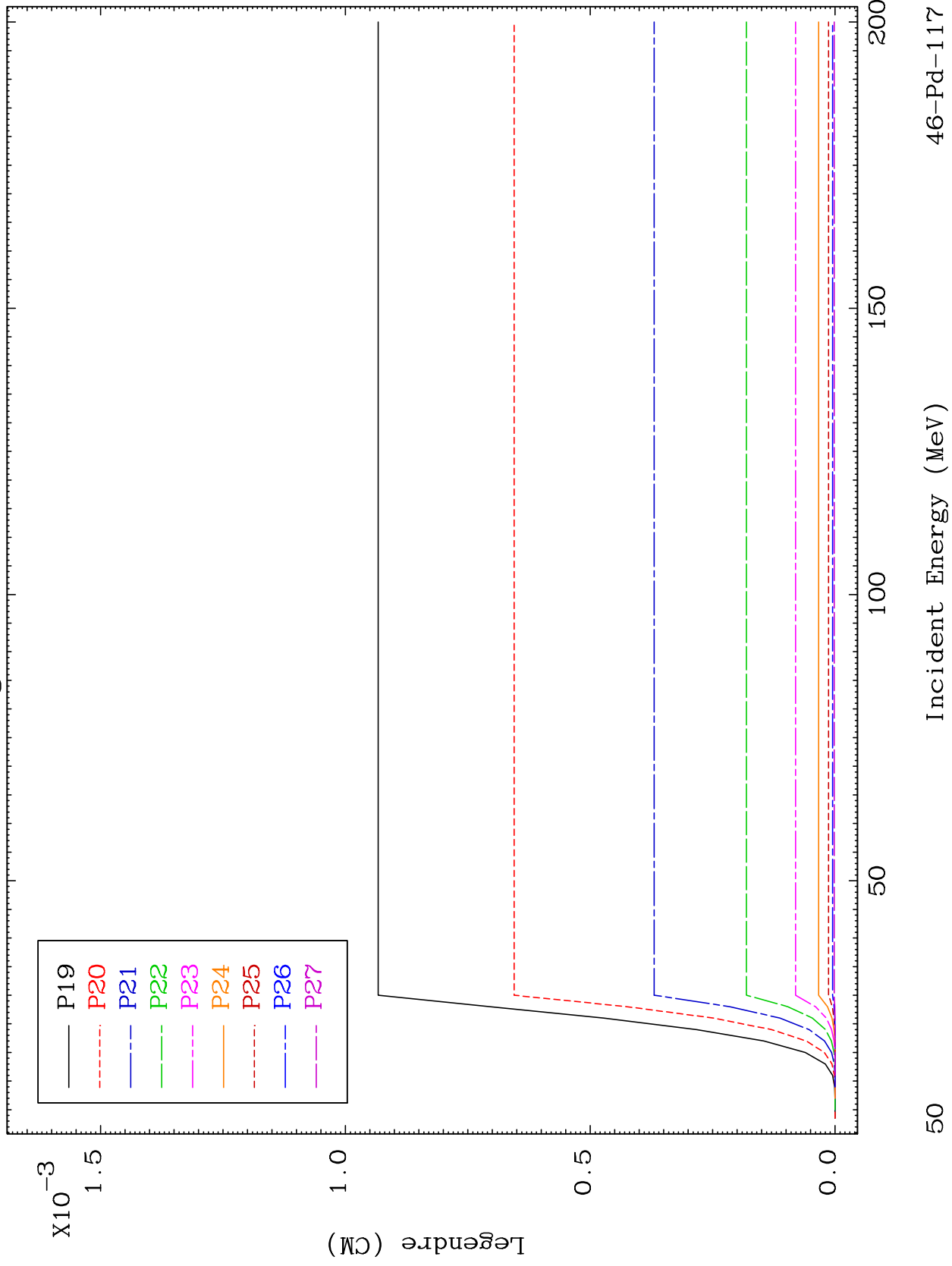
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

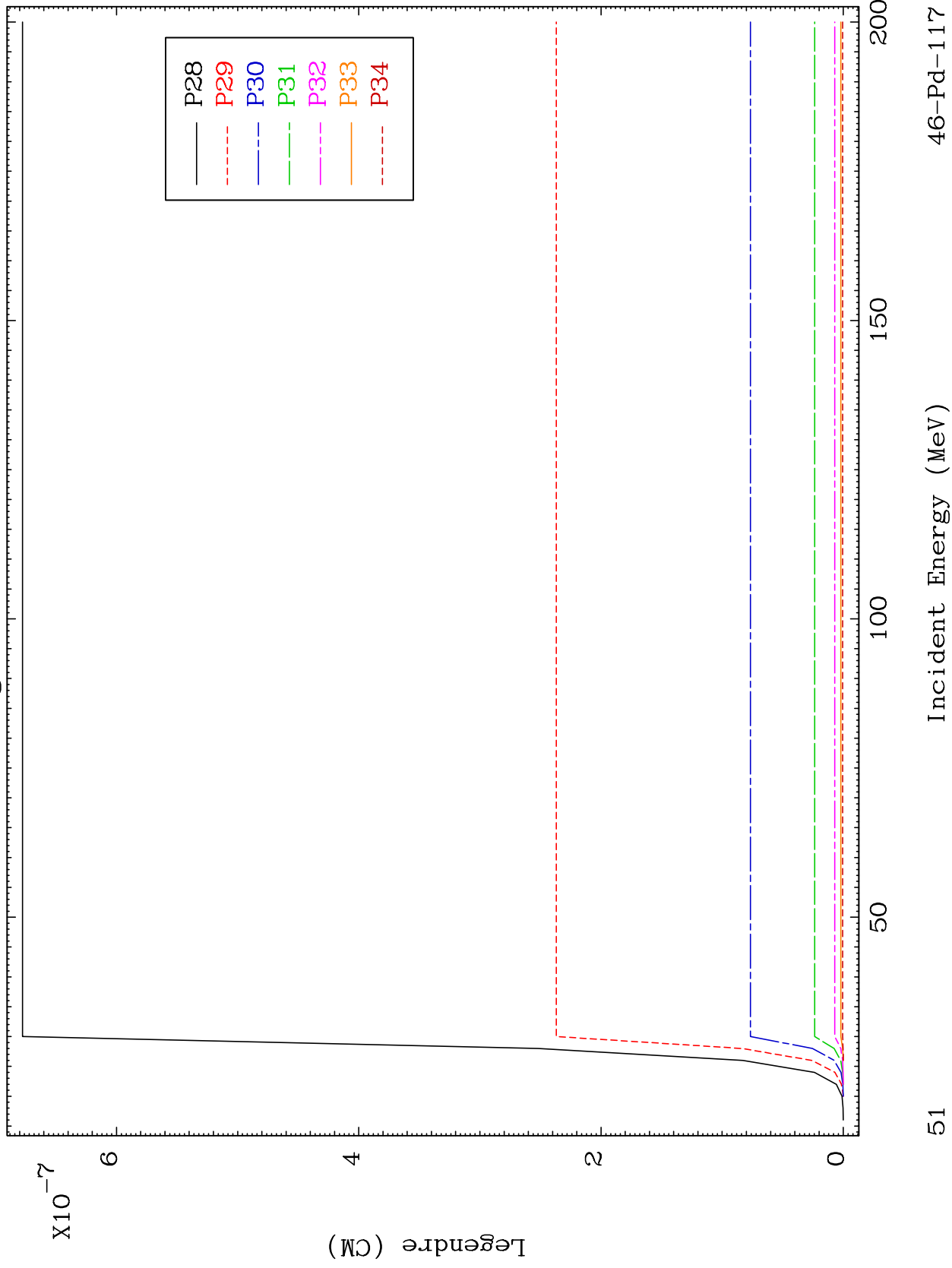
46-Pd-117



MAT 4670

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

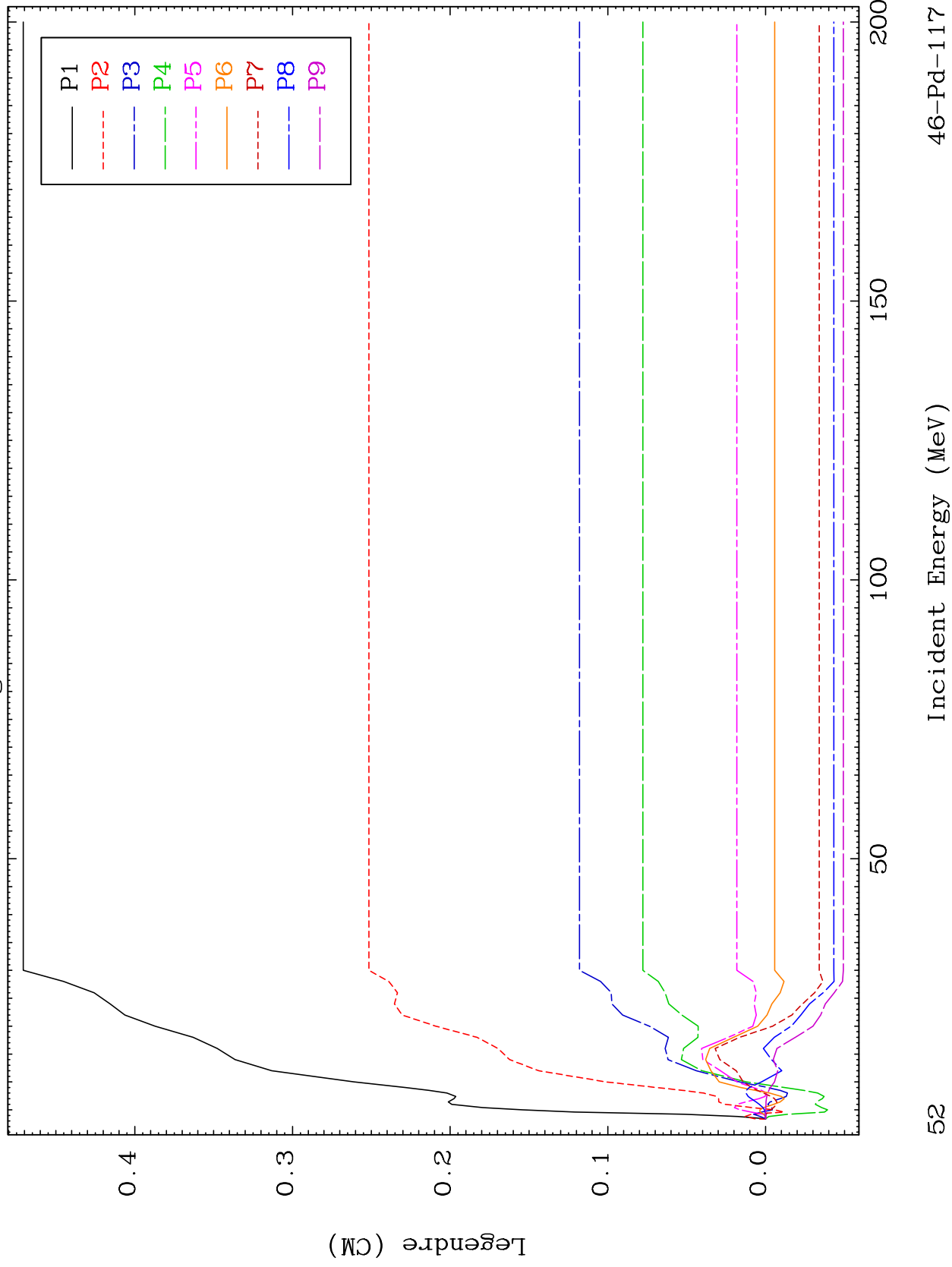
46-Pd-117



MAT 4670

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

46-Pd-117

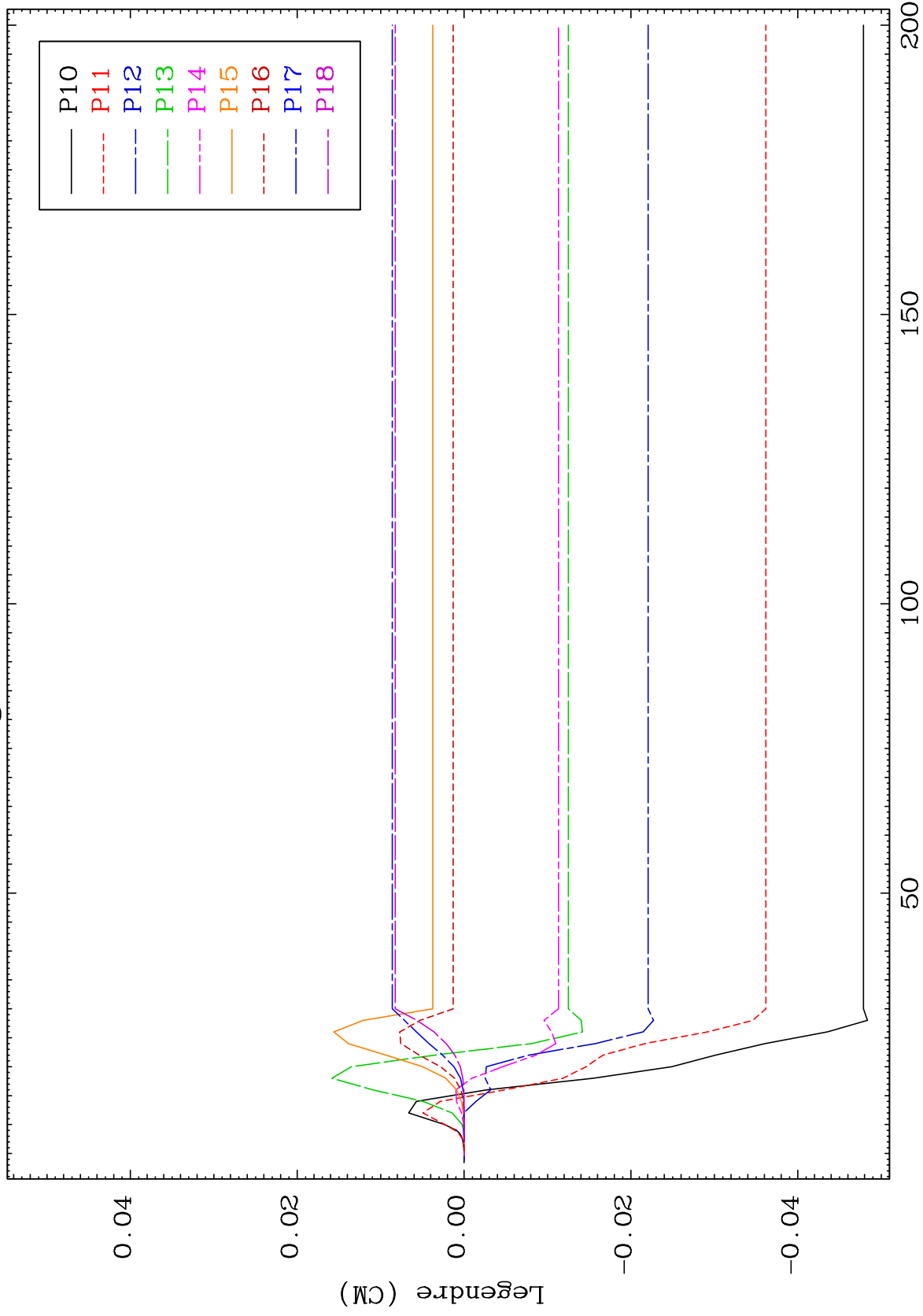


52

MAT 4670

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

46-Pd-117



53

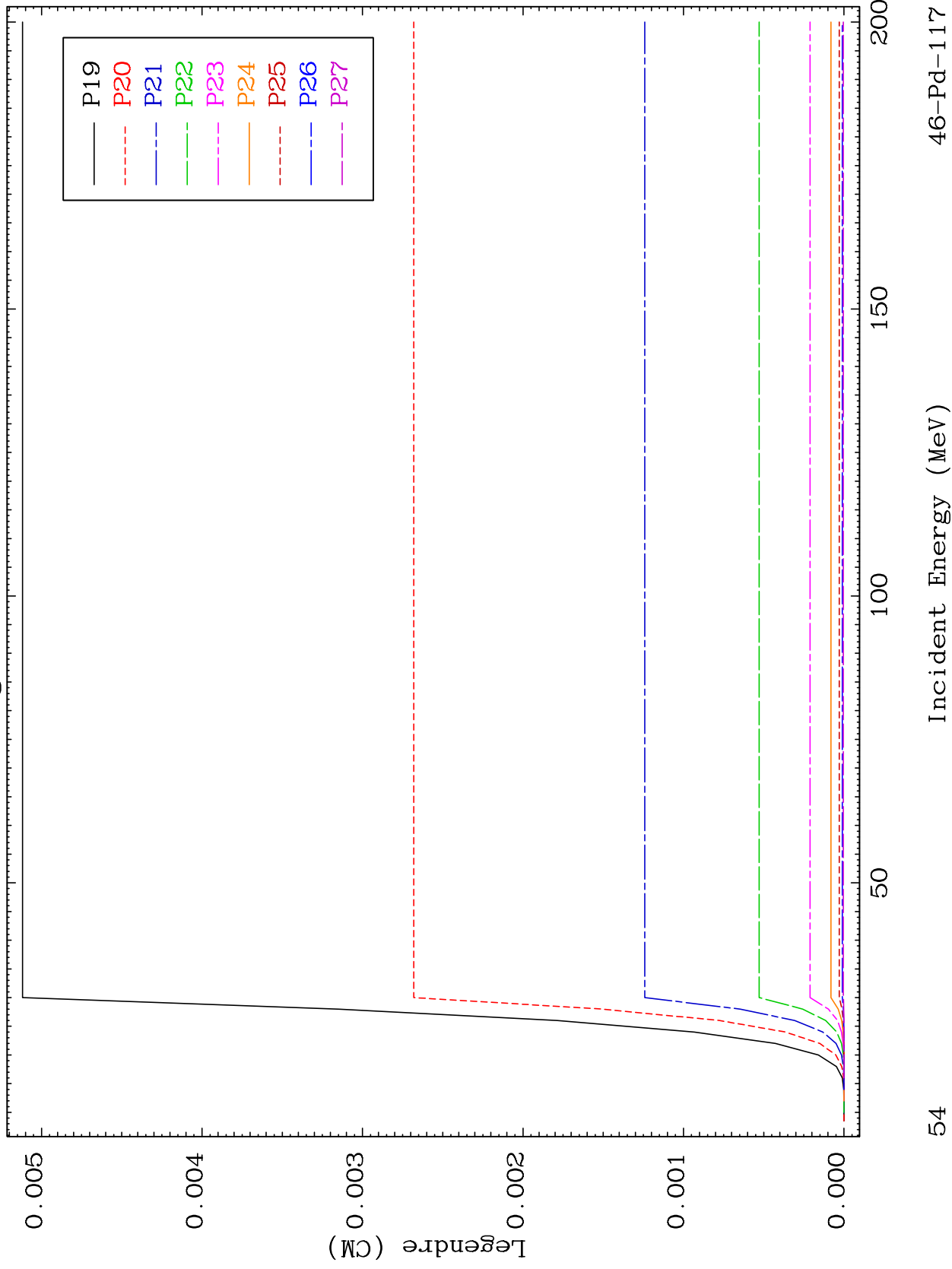
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



54

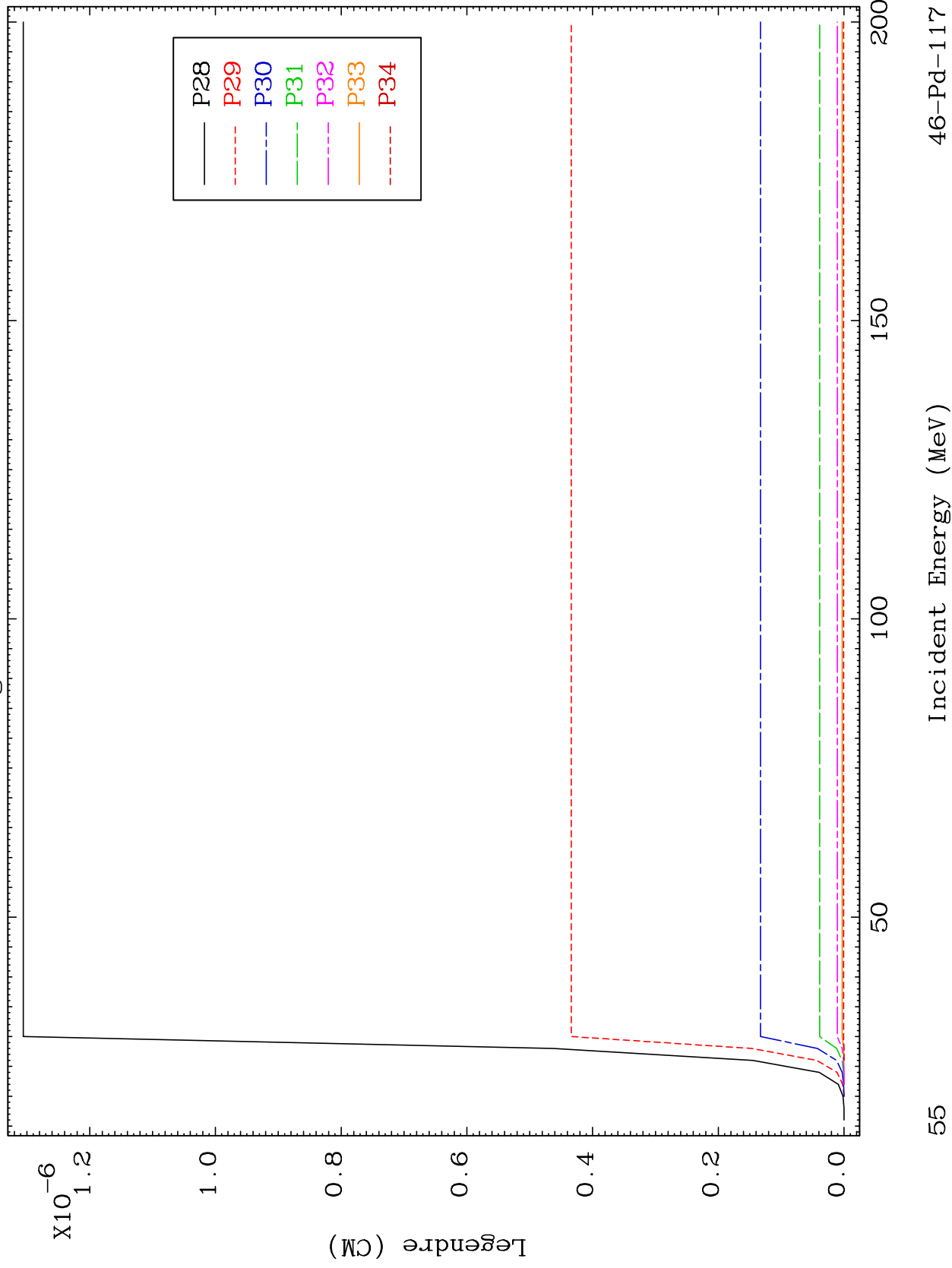
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

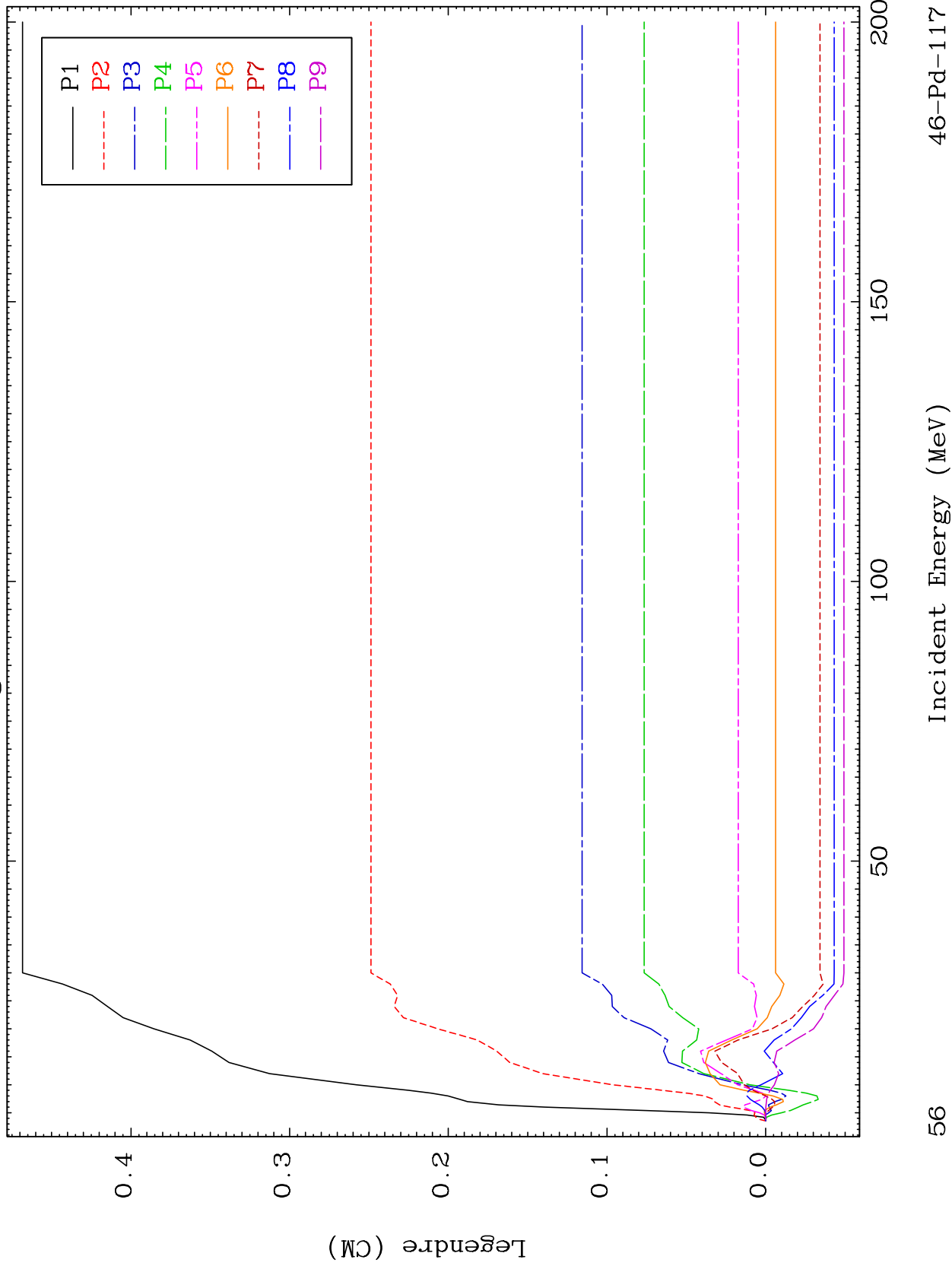
46-Pd-117



55

Incident Energy (MeV)

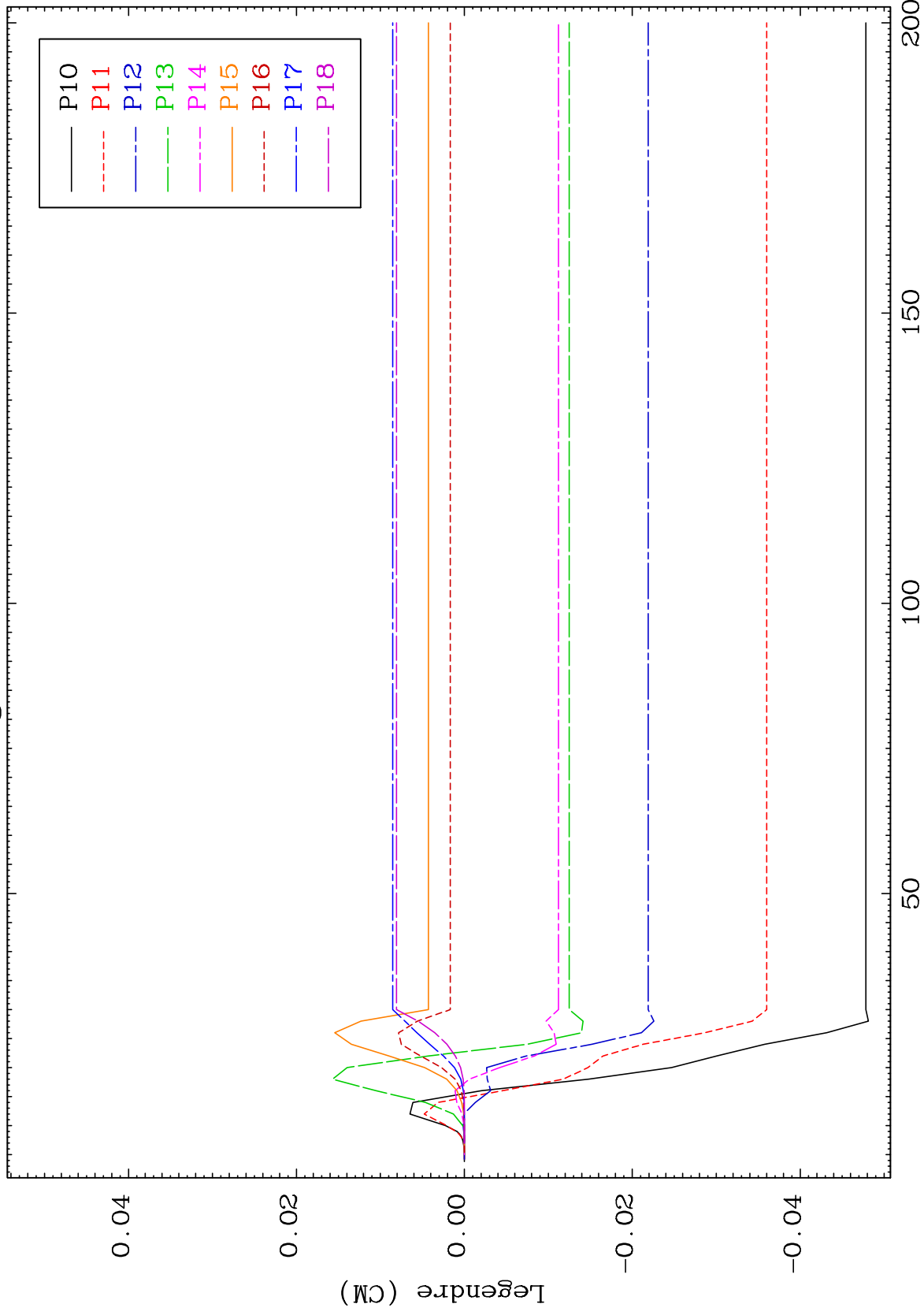
46-Pd-117



MAT 4670

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

46-Pd-117



57

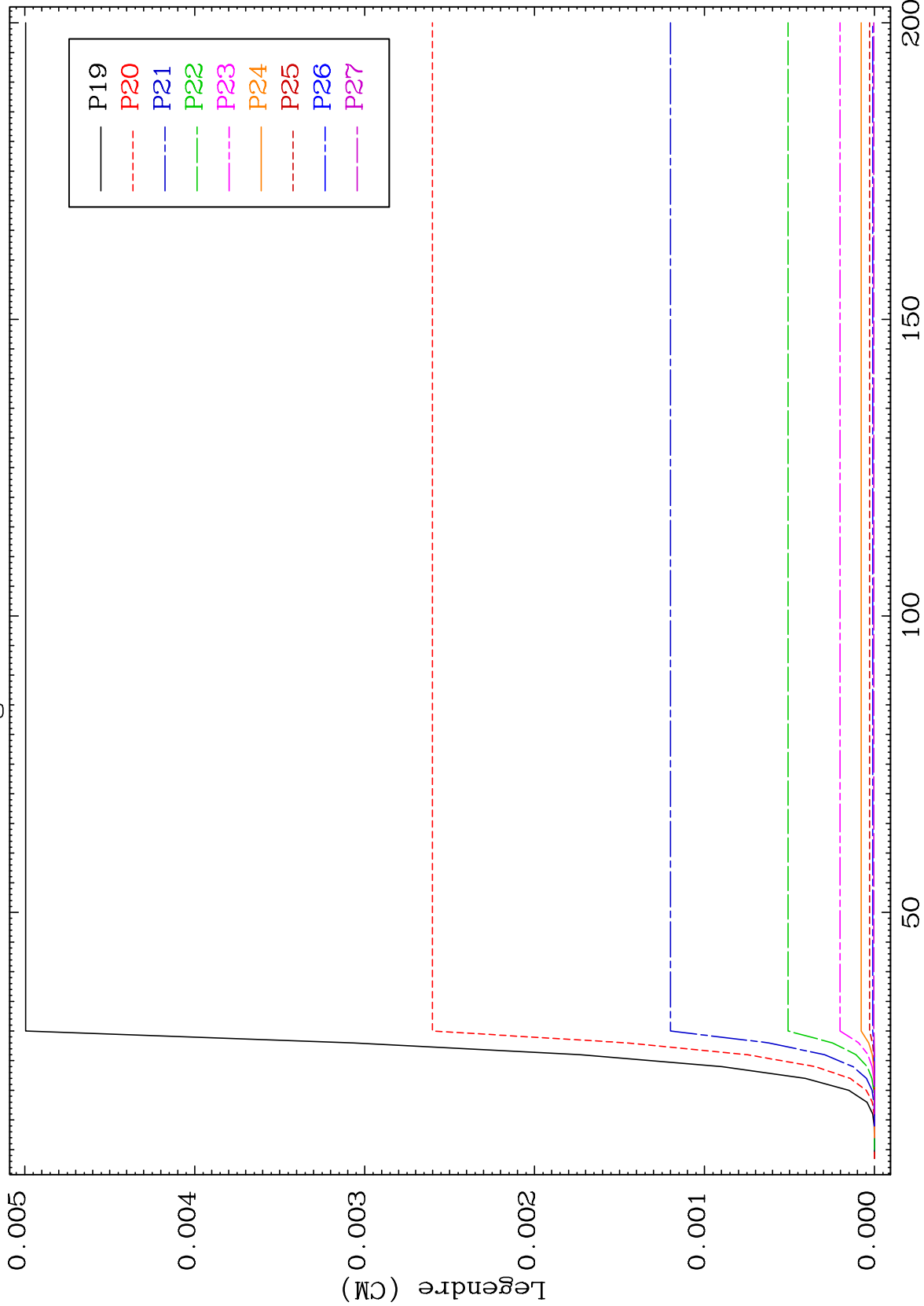
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



58

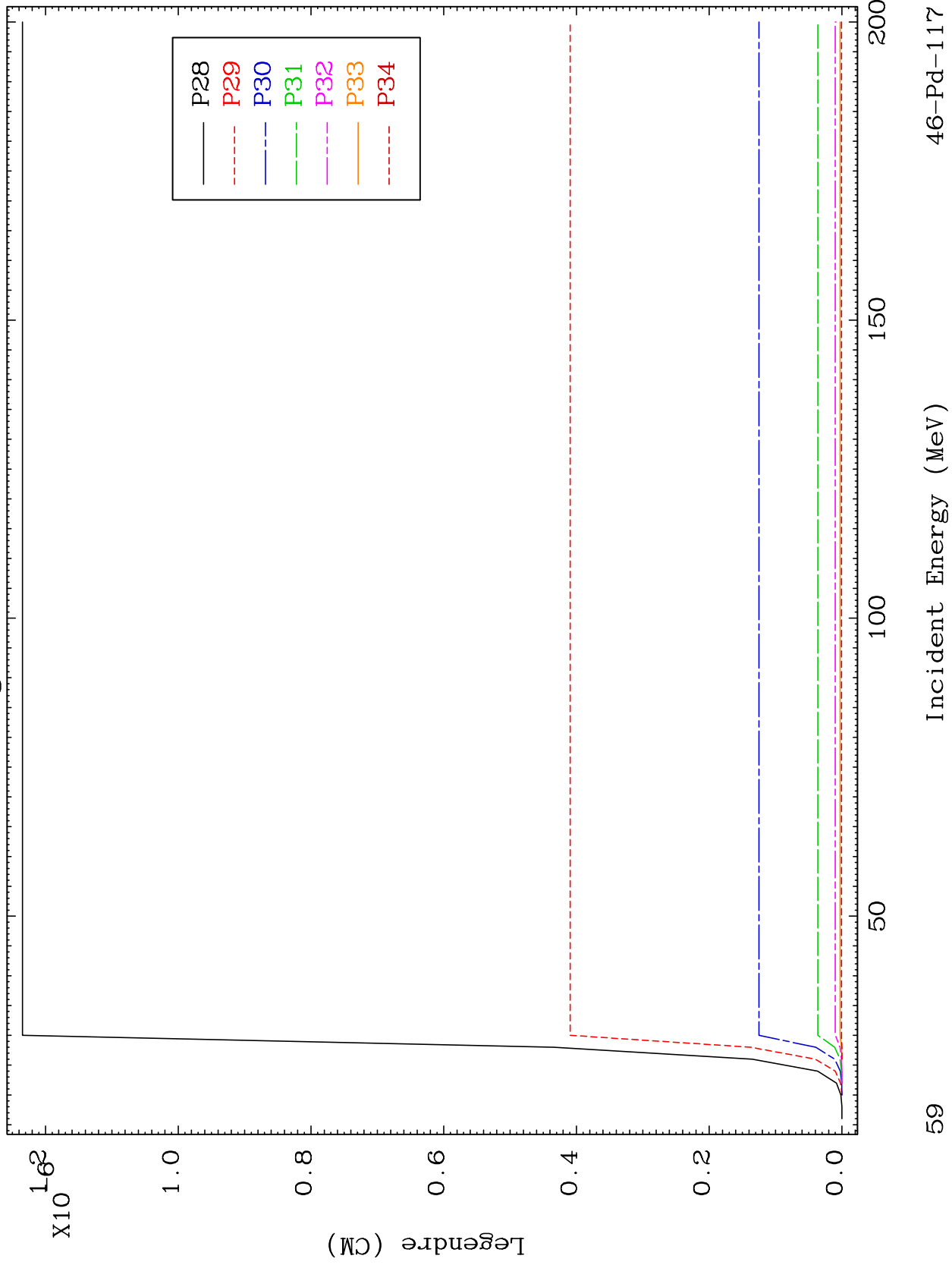
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



59

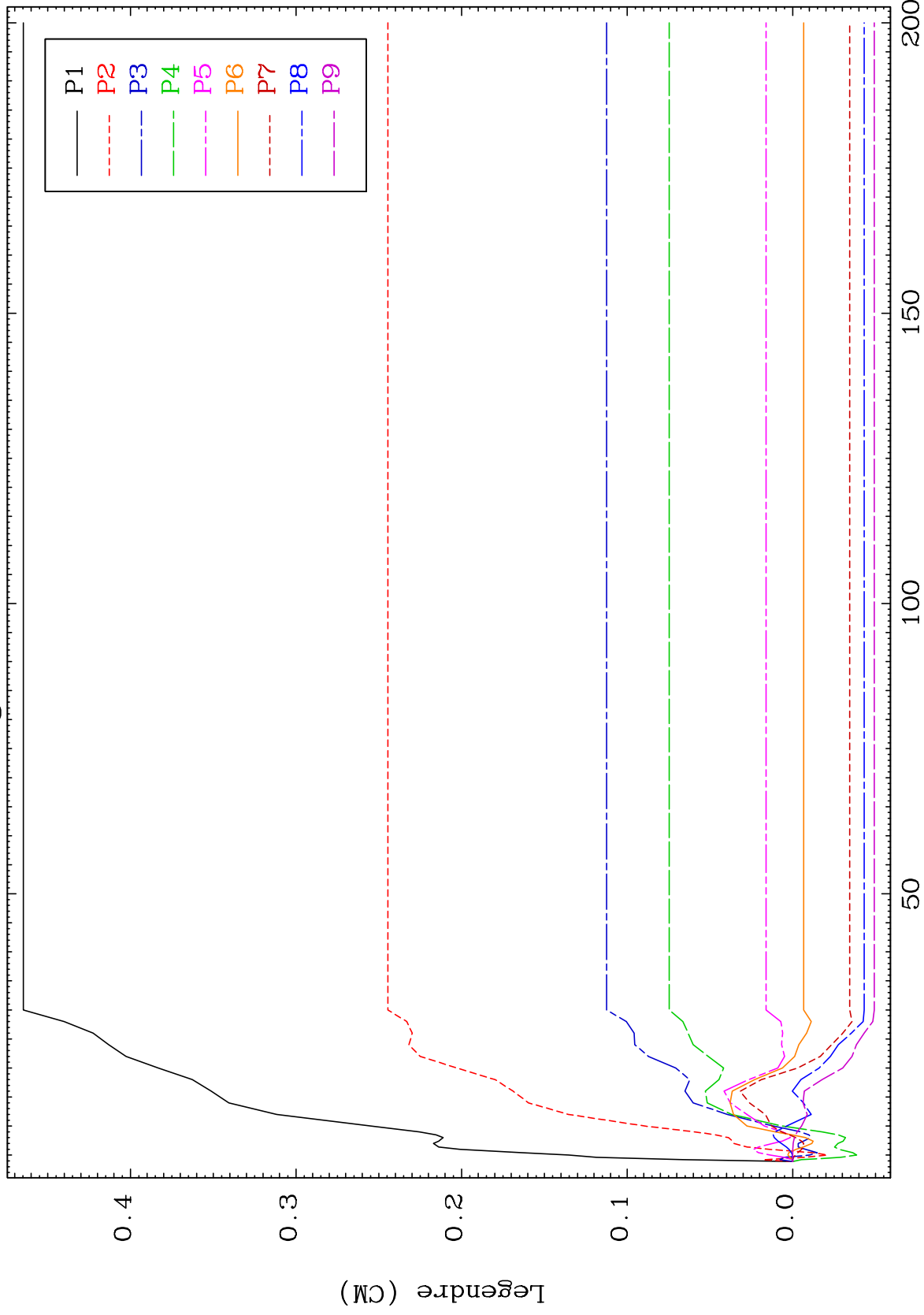
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



60

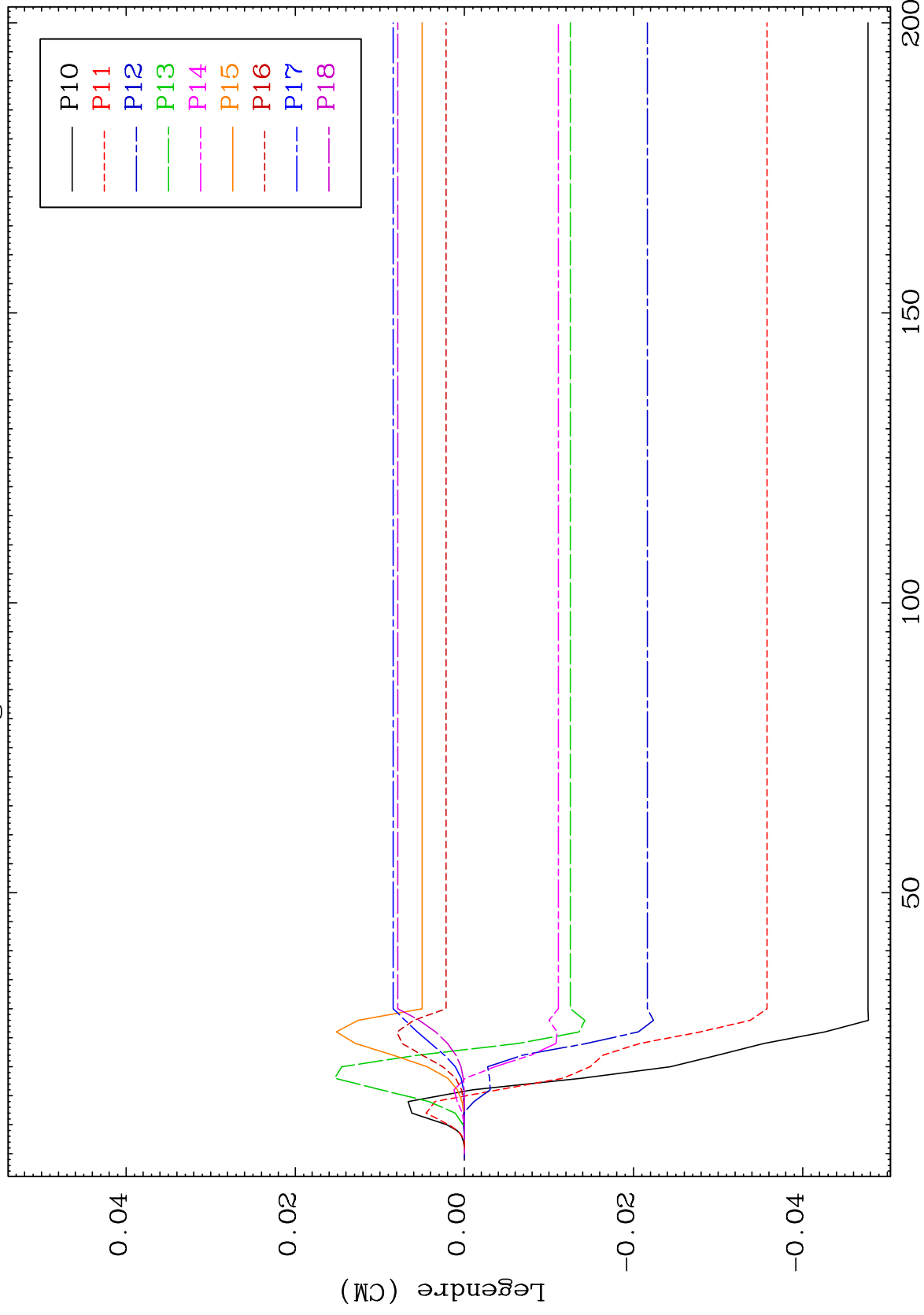
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



61

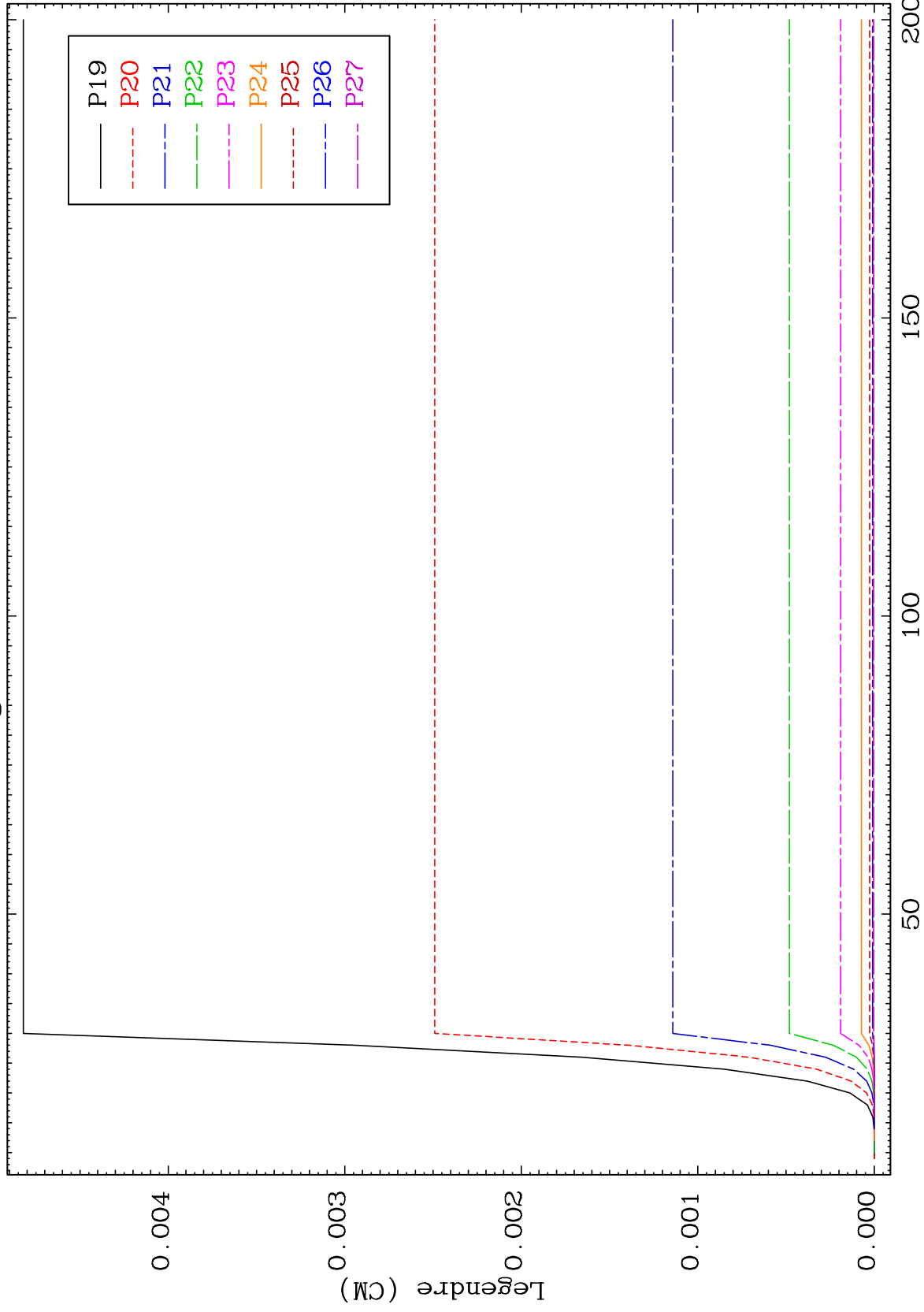
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



62

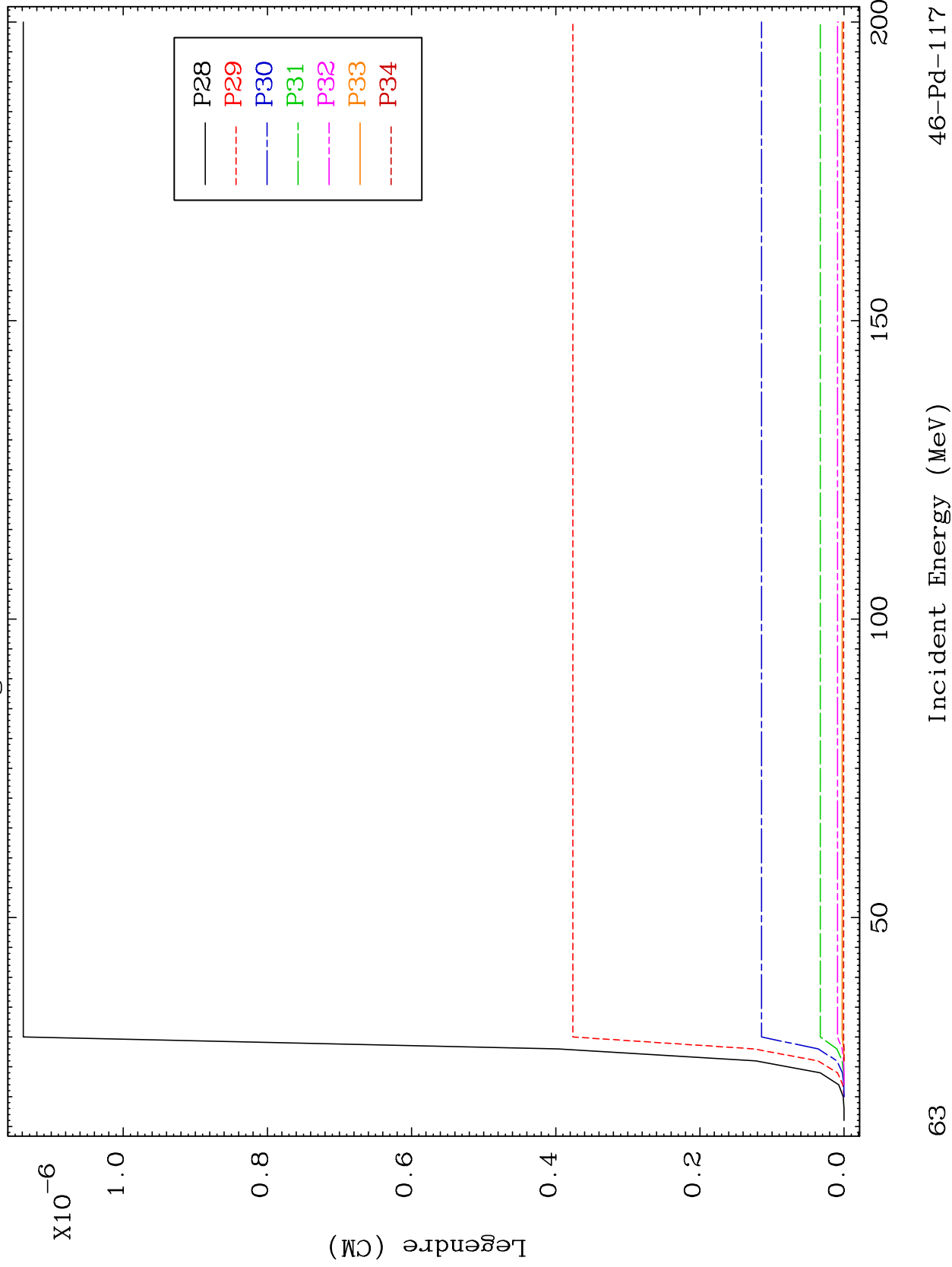
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

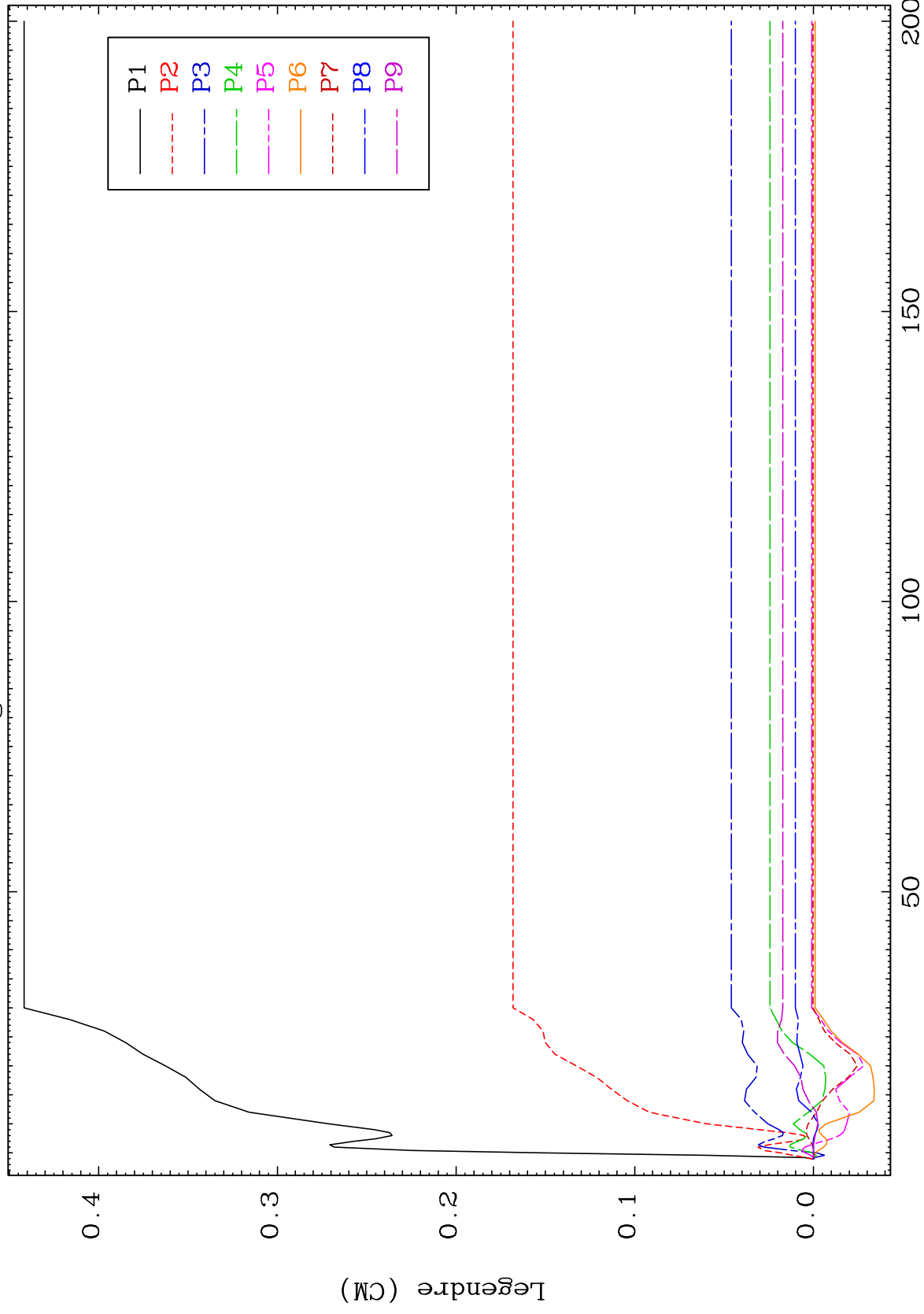
46-Pd-117



MAT 4670

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

46-Pd-117



64

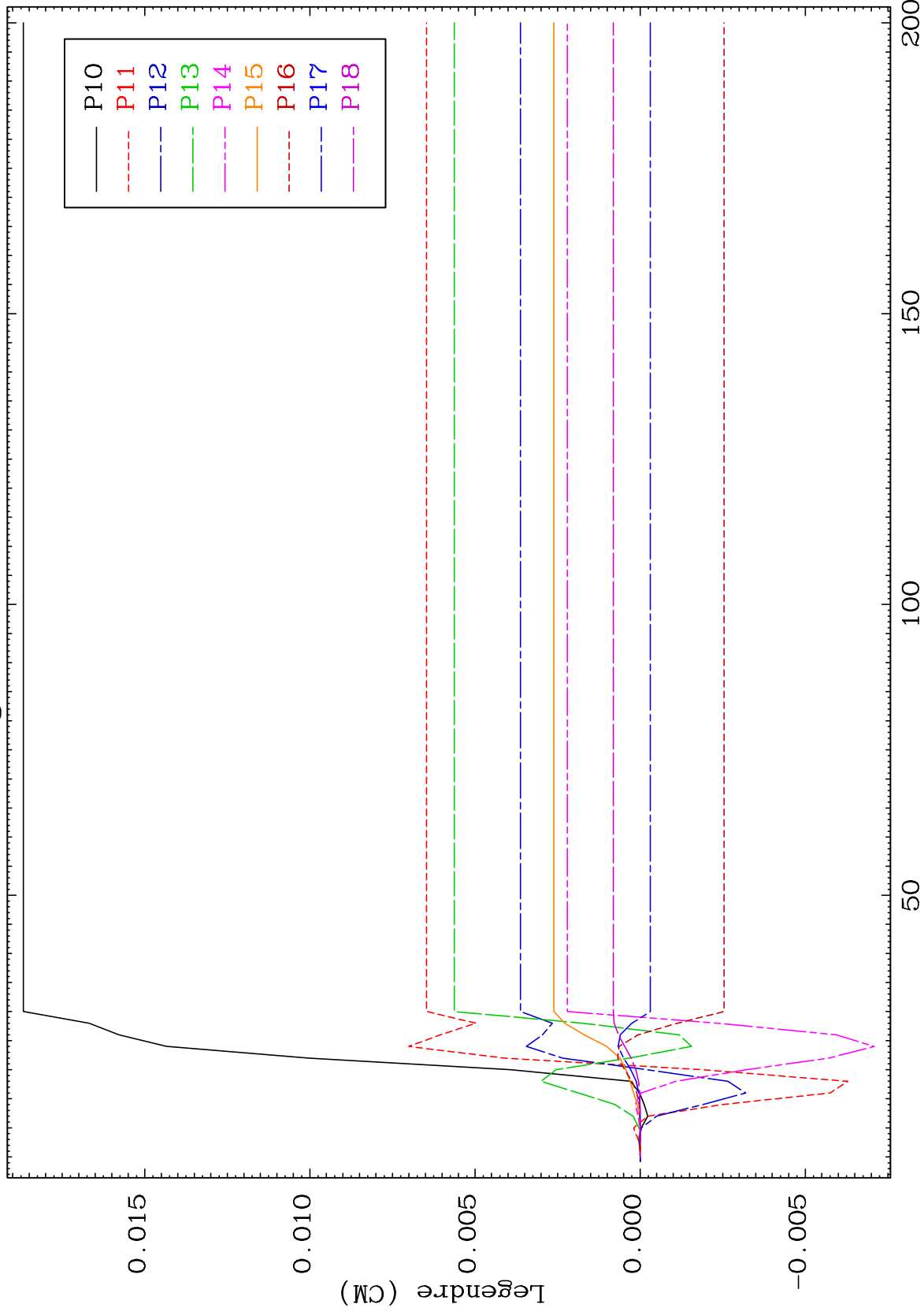
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



65

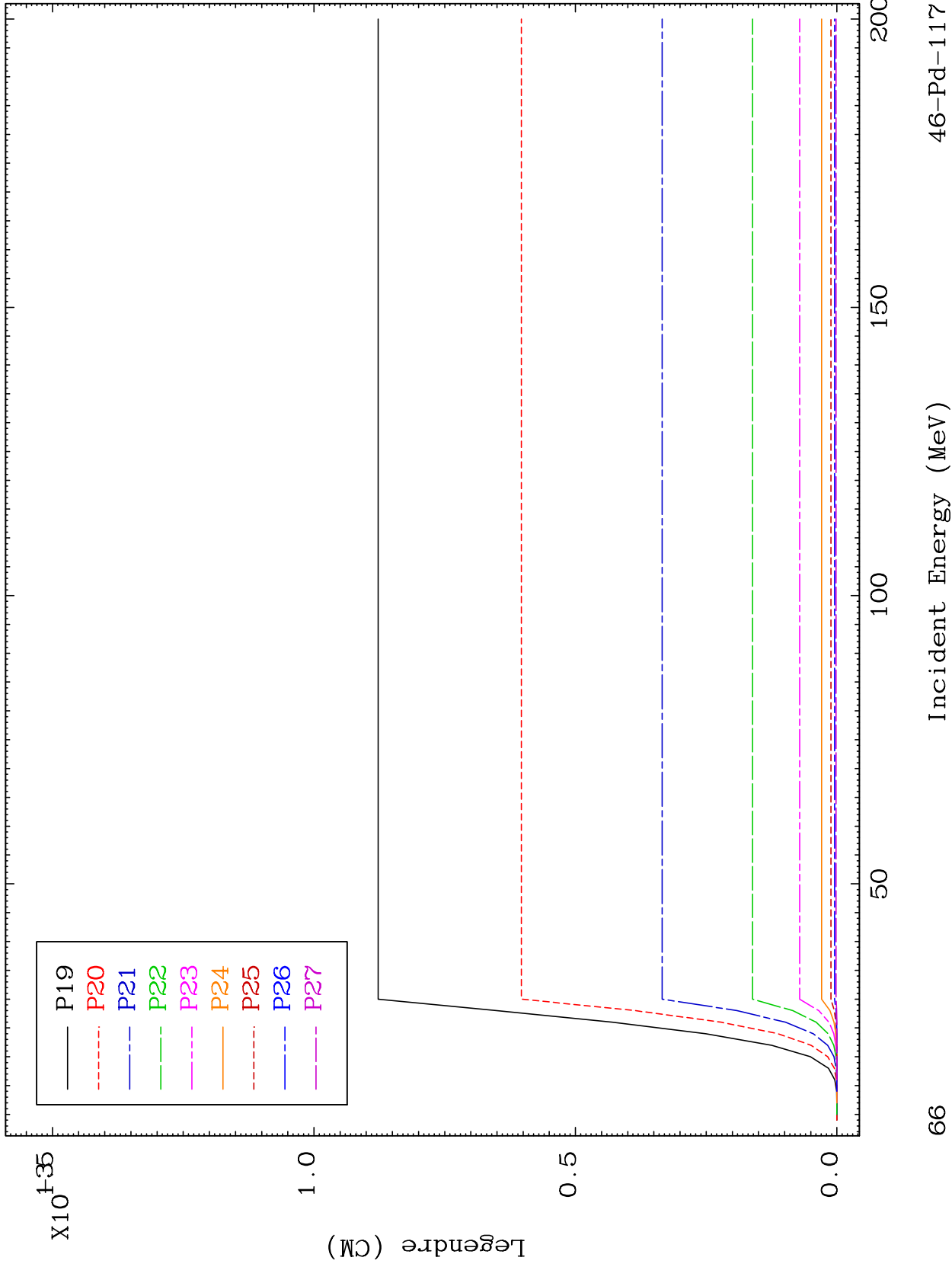
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



66

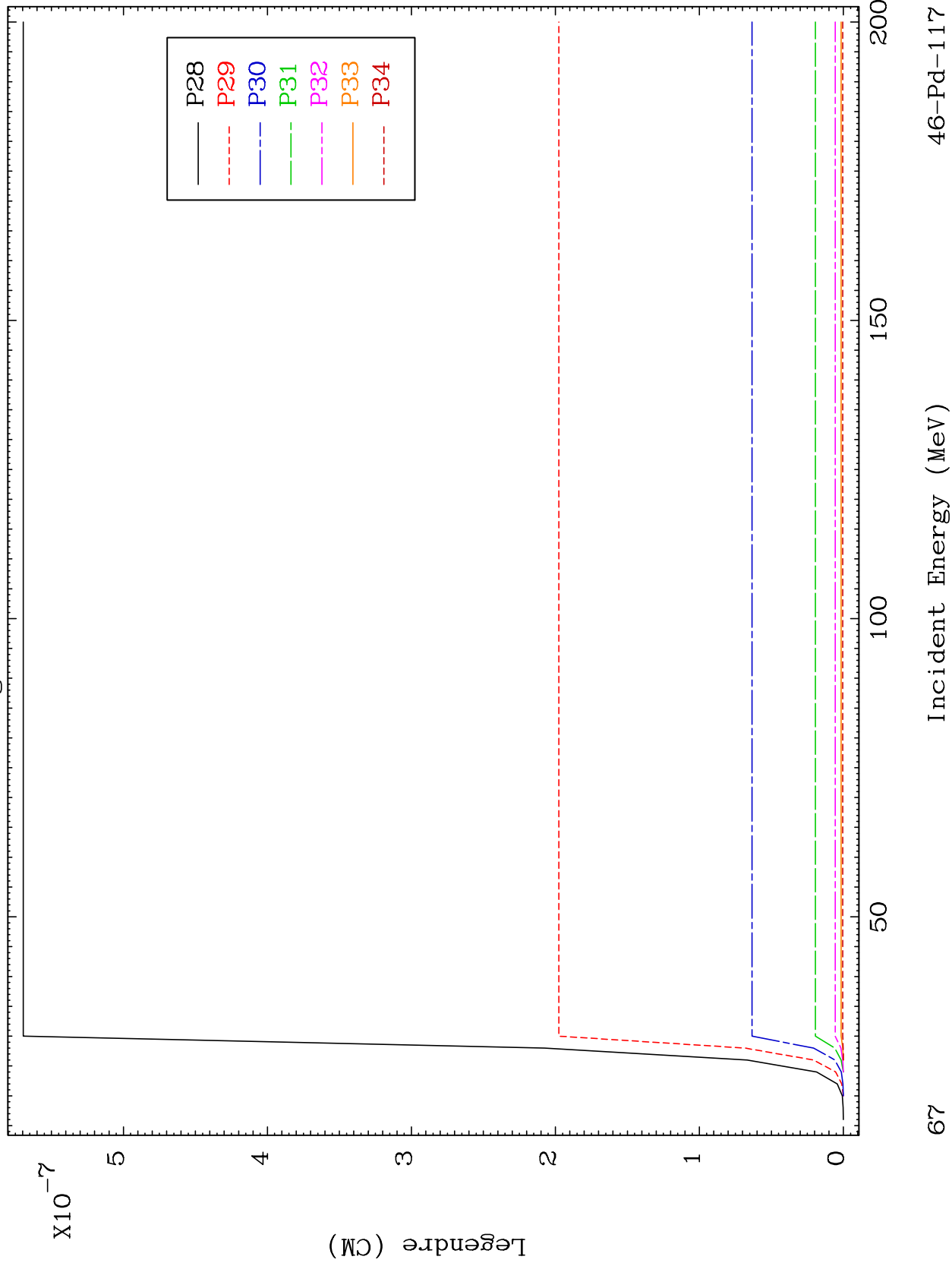
Incident Energy (MeV)

46-Pd-117

MAT 4670

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

46-Pd-117



67

Incident Energy (MeV)

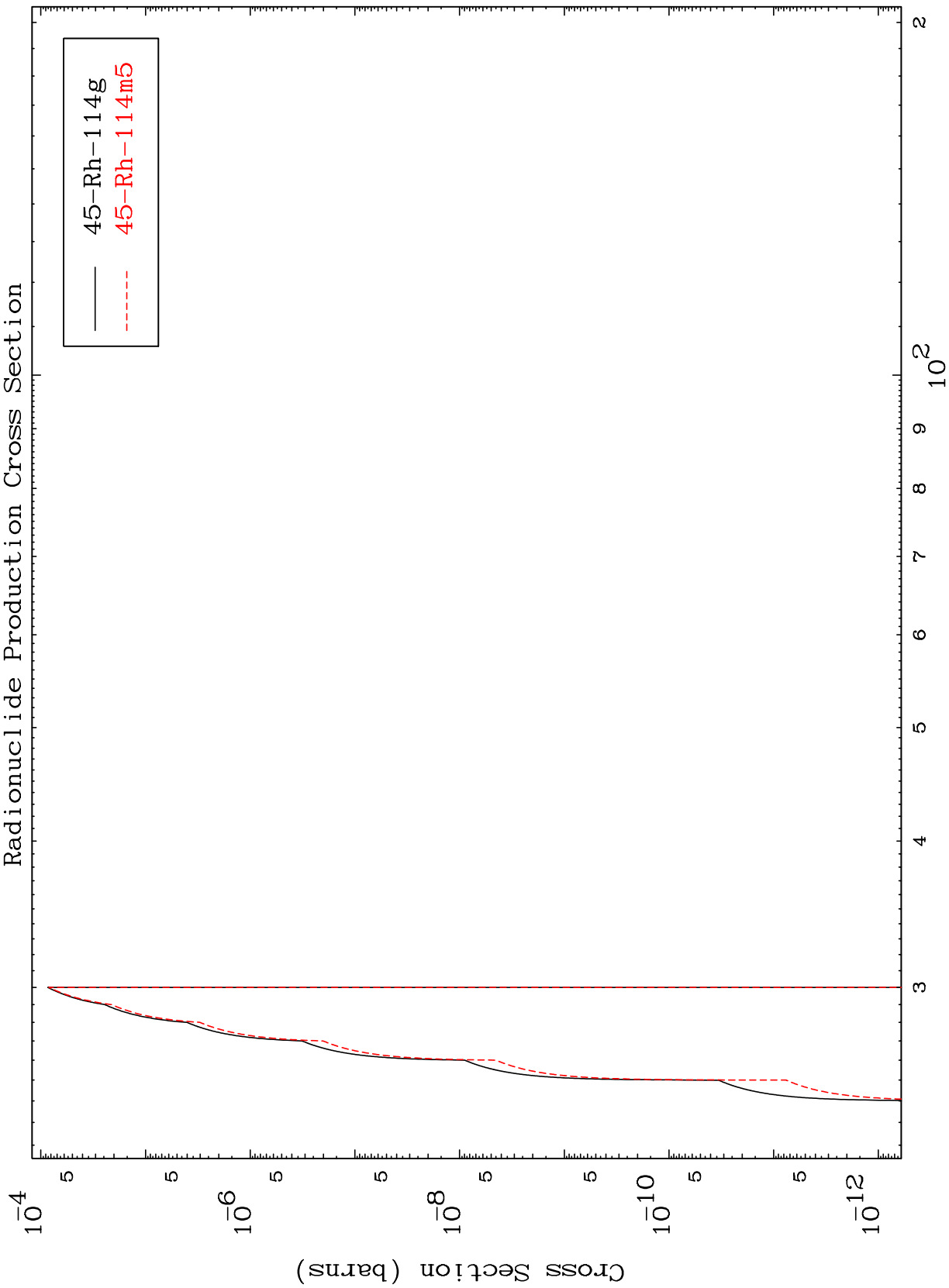
46-Pd-117

MAT 4670

(n,2n) d

46-Pd-117

Radionuclide Production Cross Section



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

68

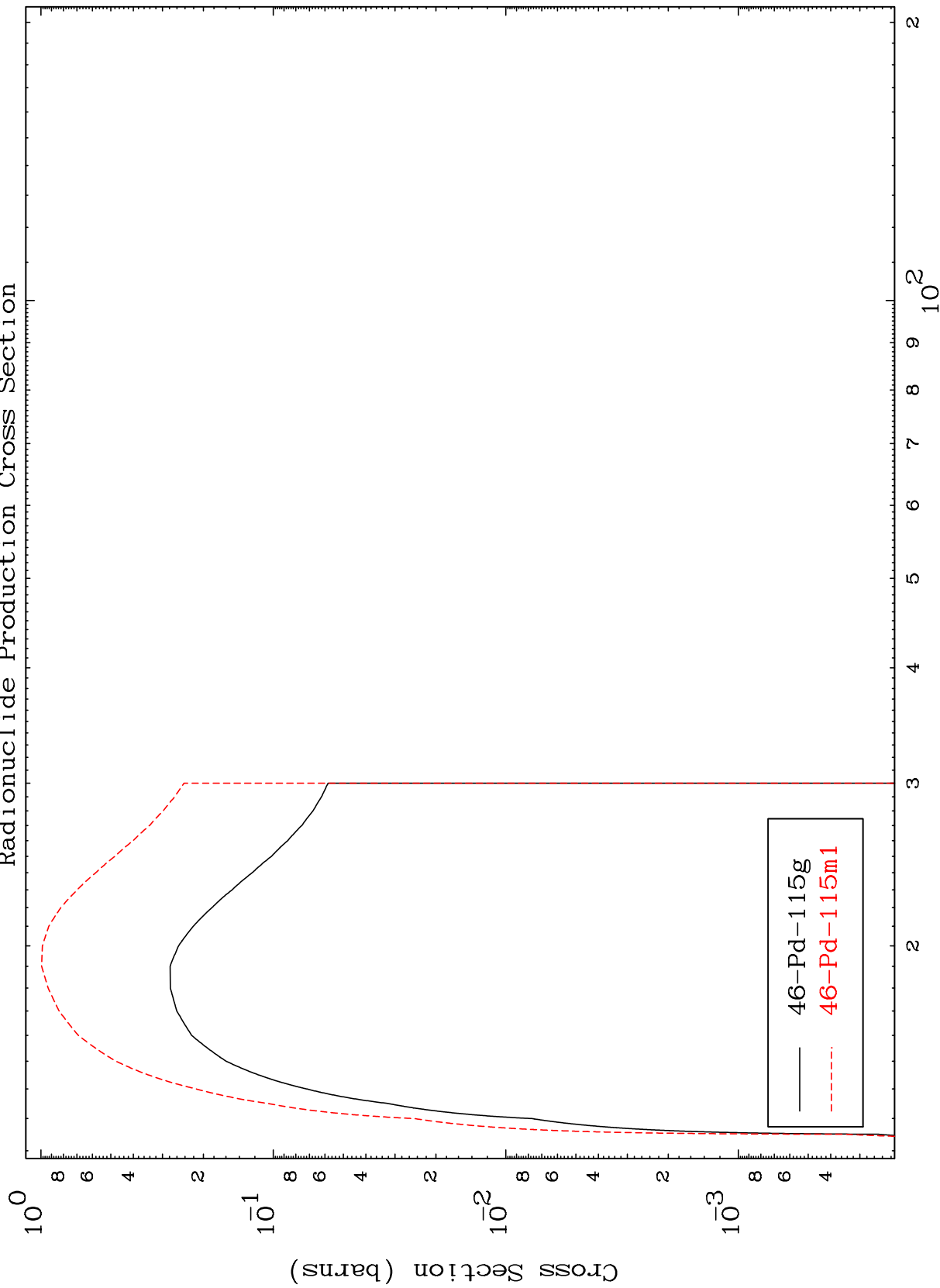
Incident Energy (MeV)

46-Pd-117

MAT 4670

46-Pd-117

(n,3n)
Radionuclide Production Cross Section



46-Pd-117

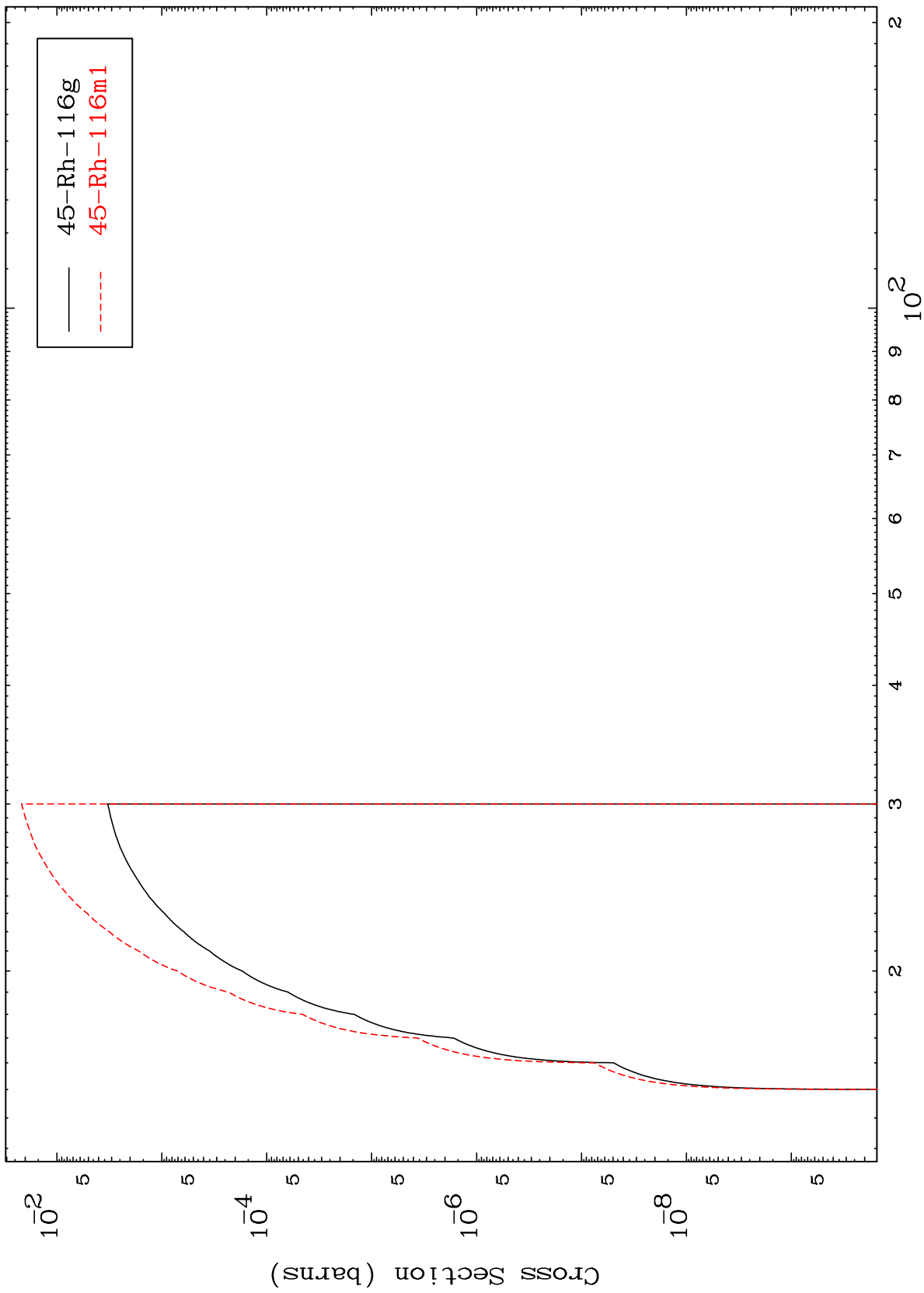
Incident Energy (MeV)

69

MAT 4670

46-Pd-117

(n,n') p
Radionuclide Production Cross Section



70

Incident Energy (MeV)

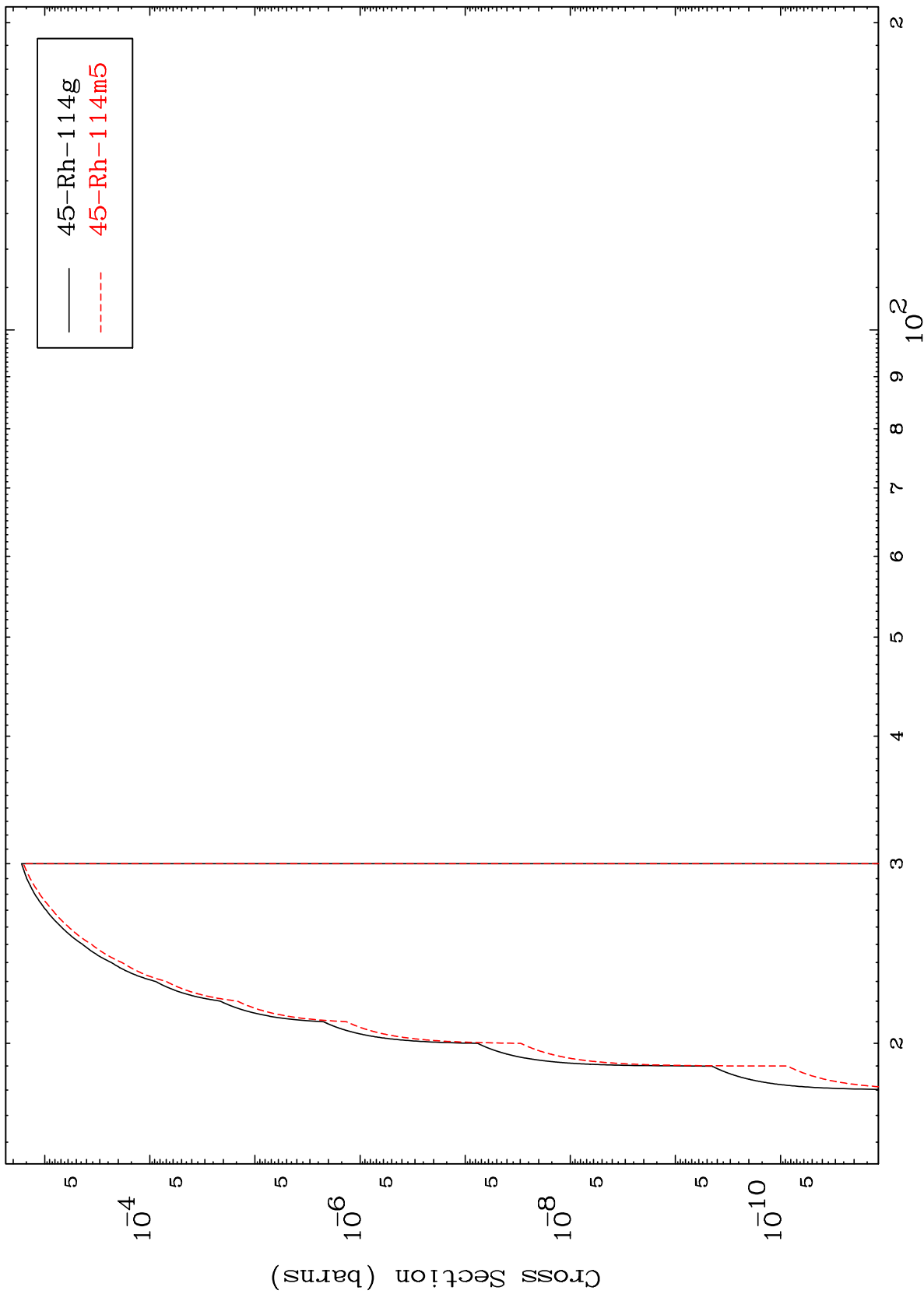
46-Pd-117

MAT 4670

(n,n') t

46-Pd-117

Radionuclide Production Cross Section



71

Incident Energy (MeV)

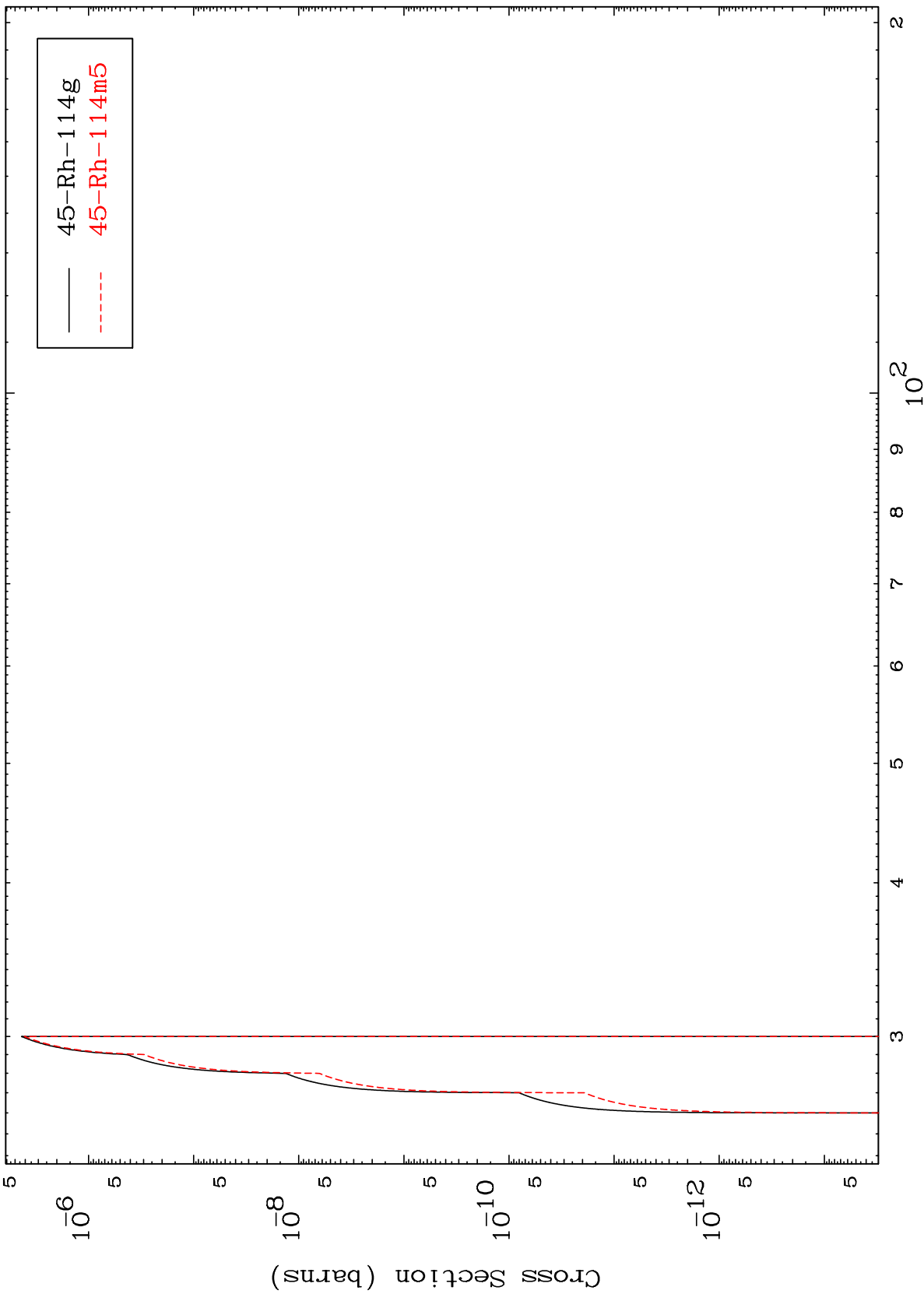
46-Pd-117

MAT 4670

(n,3n) p

46-Pd-117

Radionuclide Production Cross Section



72

Incident Energy (MeV)

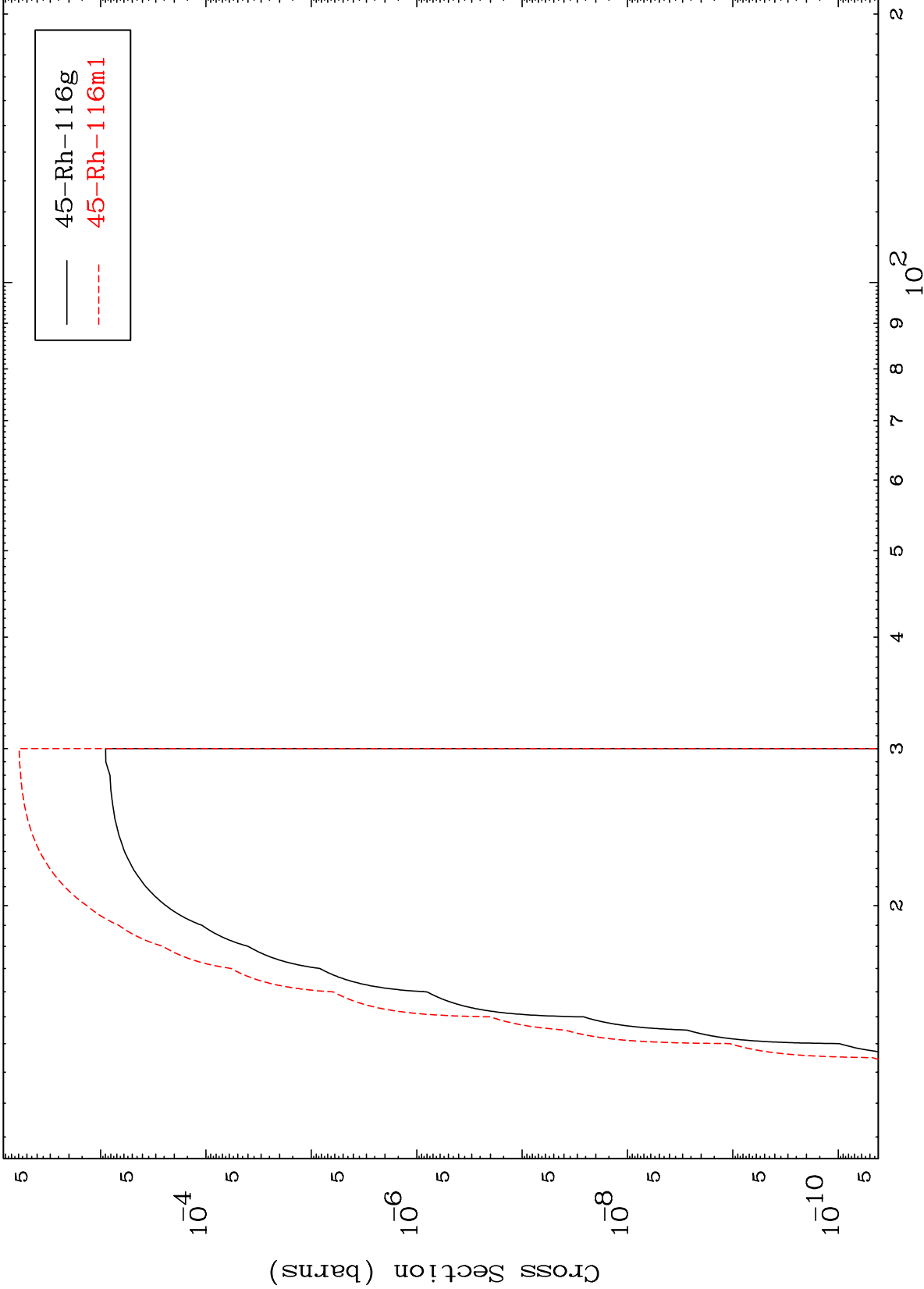
46-Pd-117

MAT 4670

(n,d)

46-Pd-117

Radionuclide Production Cross Section



73

Incident Energy (MeV)

46-Pd-117