

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

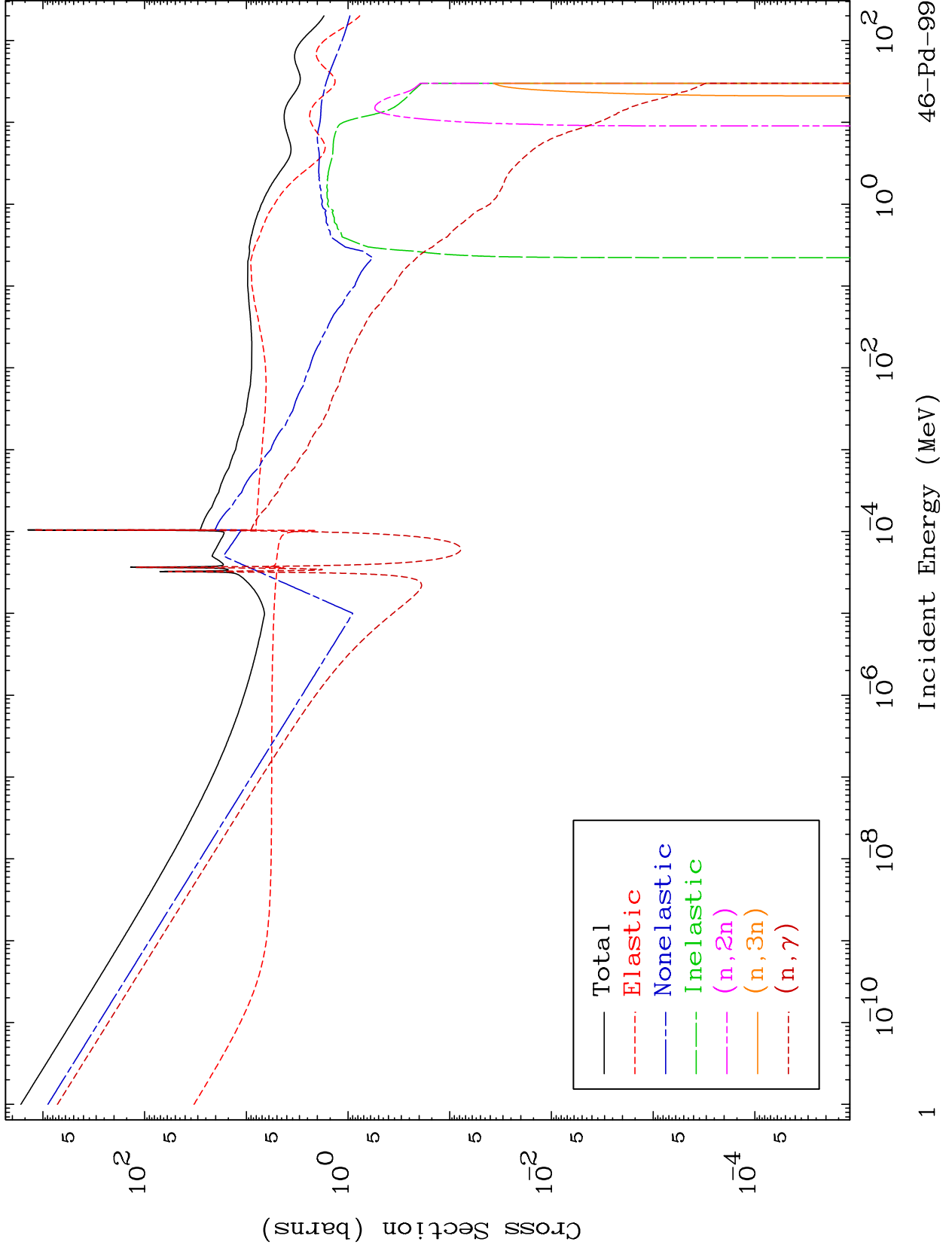
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4616

Neutron Major
293 Kelvin Cross Sections

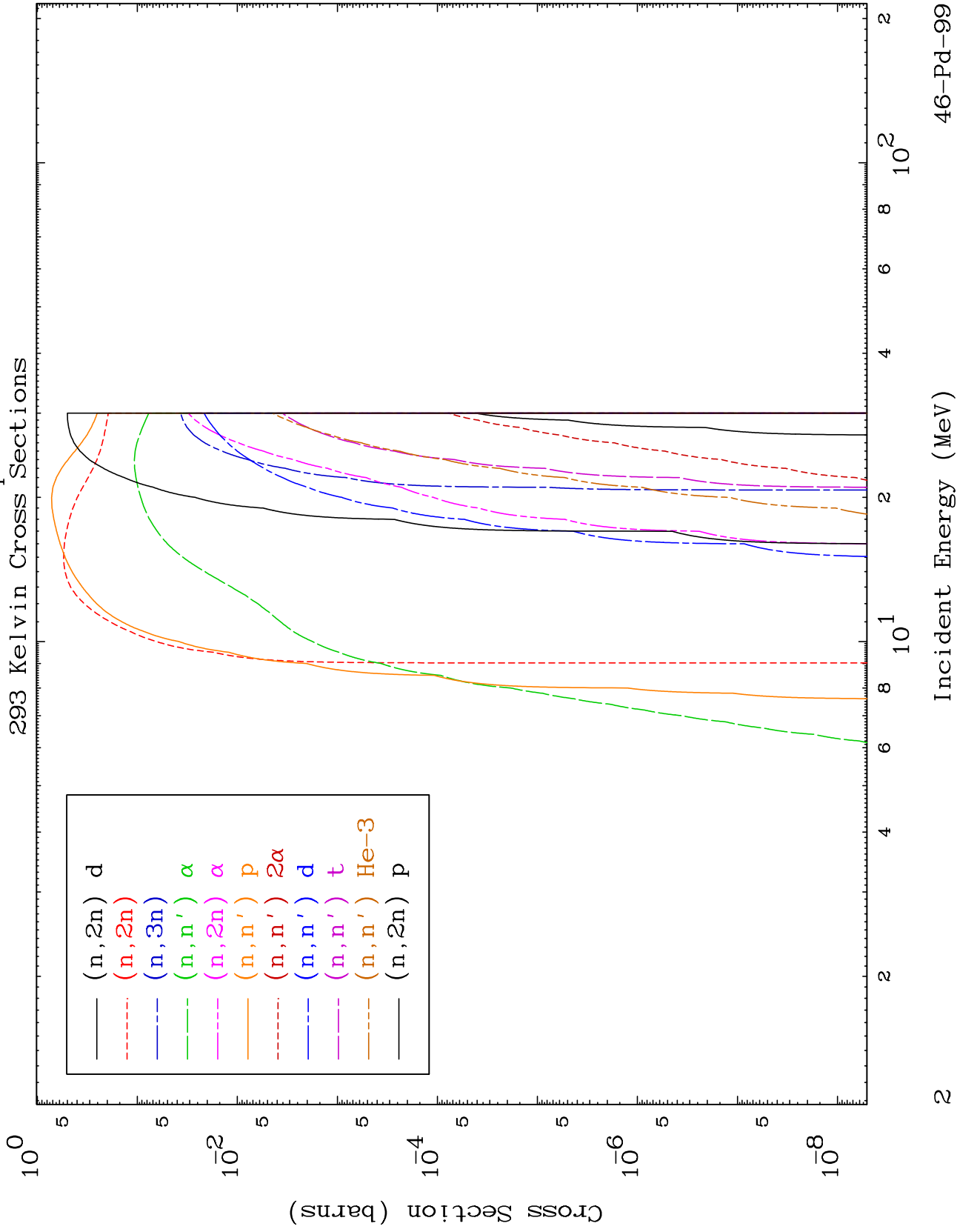
46-Pd-99



MAT 4616

Neutron Absorption
293 Kelvin Cross Sections

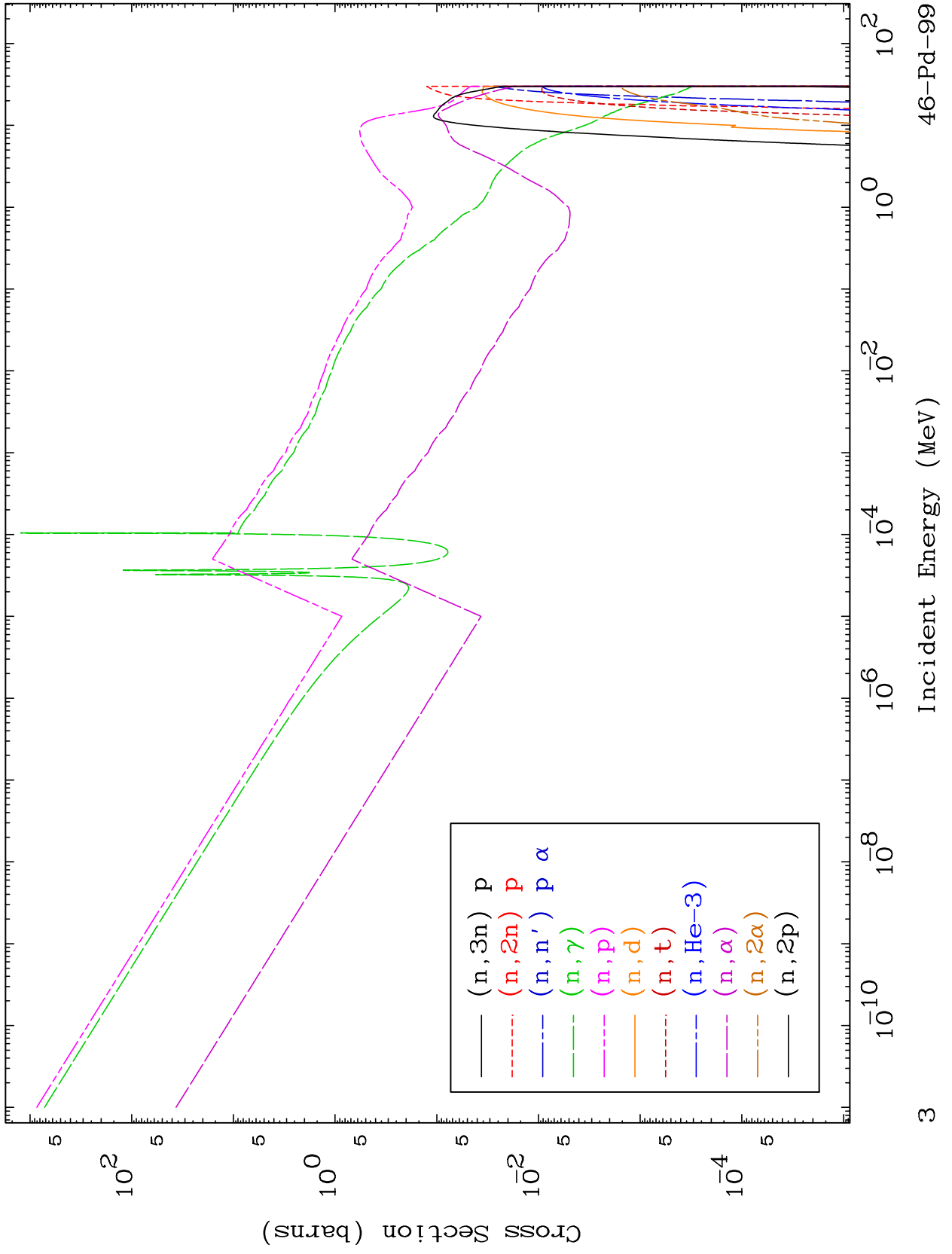
46-Pd-99



MAT 4616

Neutron Absorption
293 Kelvin Cross Sections

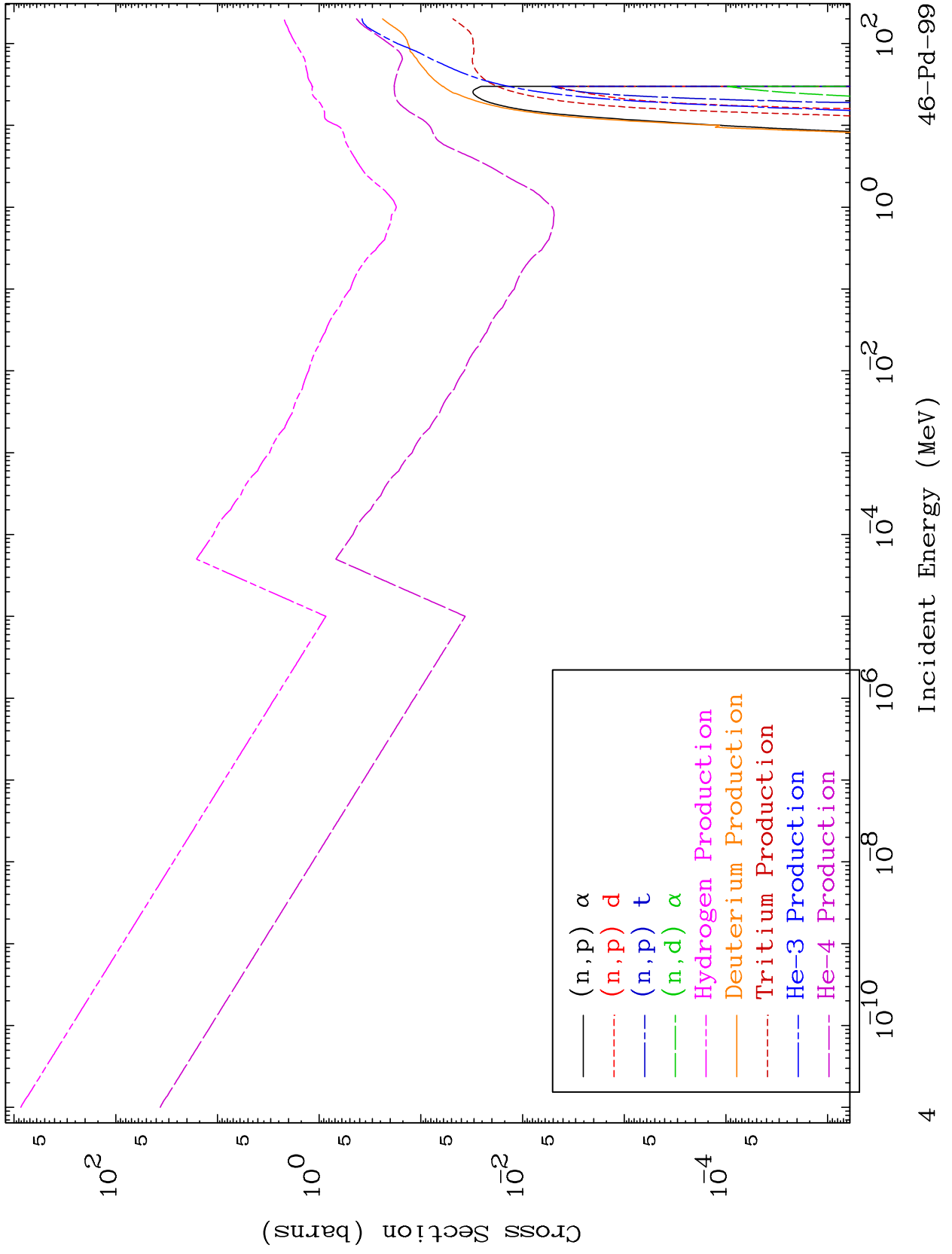
46-Pd-99



MAT 4616

Neutron Absorption
293 Kelvin Cross Sections

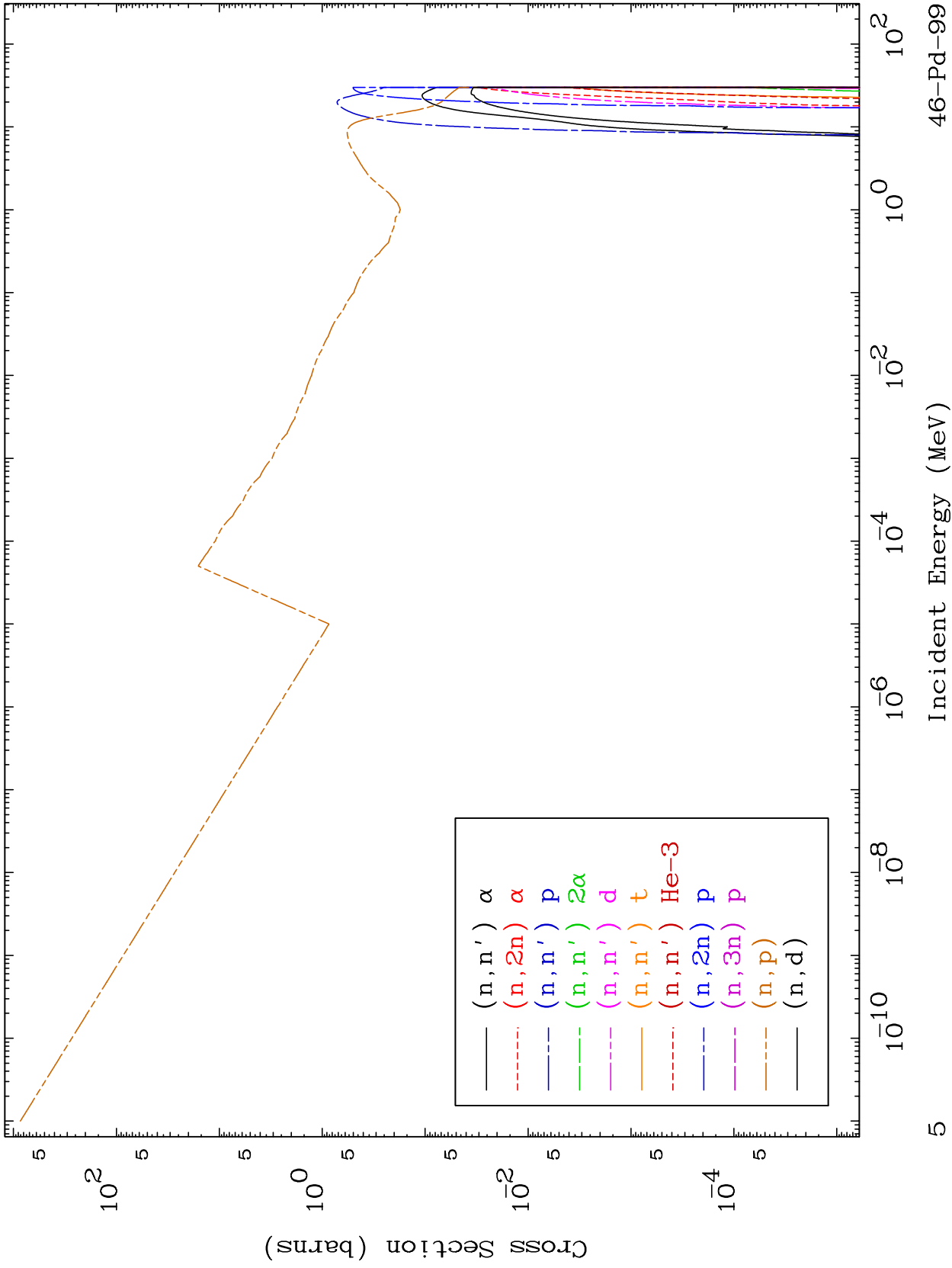
46-Pd-99

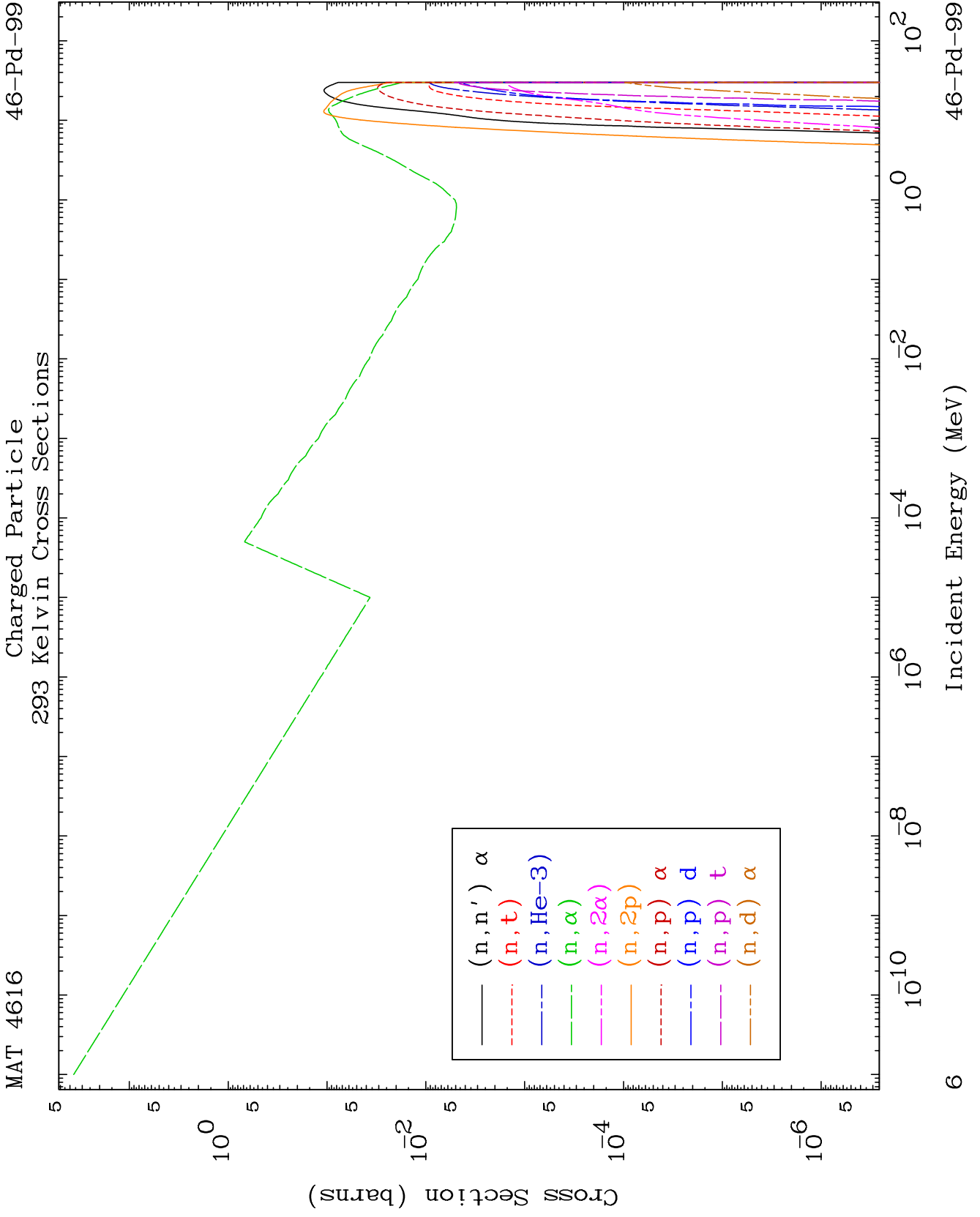


MAT 4616

Charged Particle
293 Kelvin Cross Sections

46-Pd-99

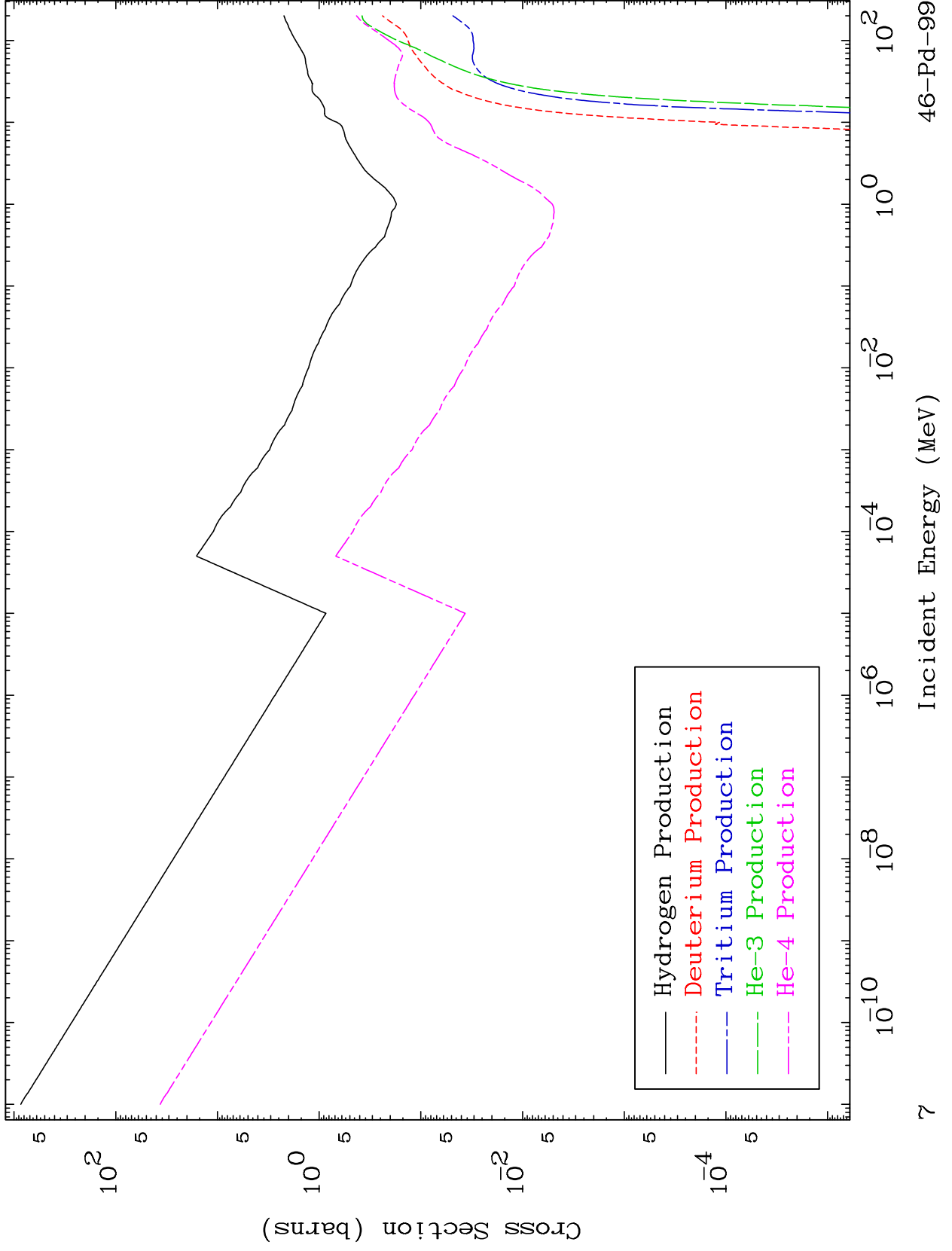


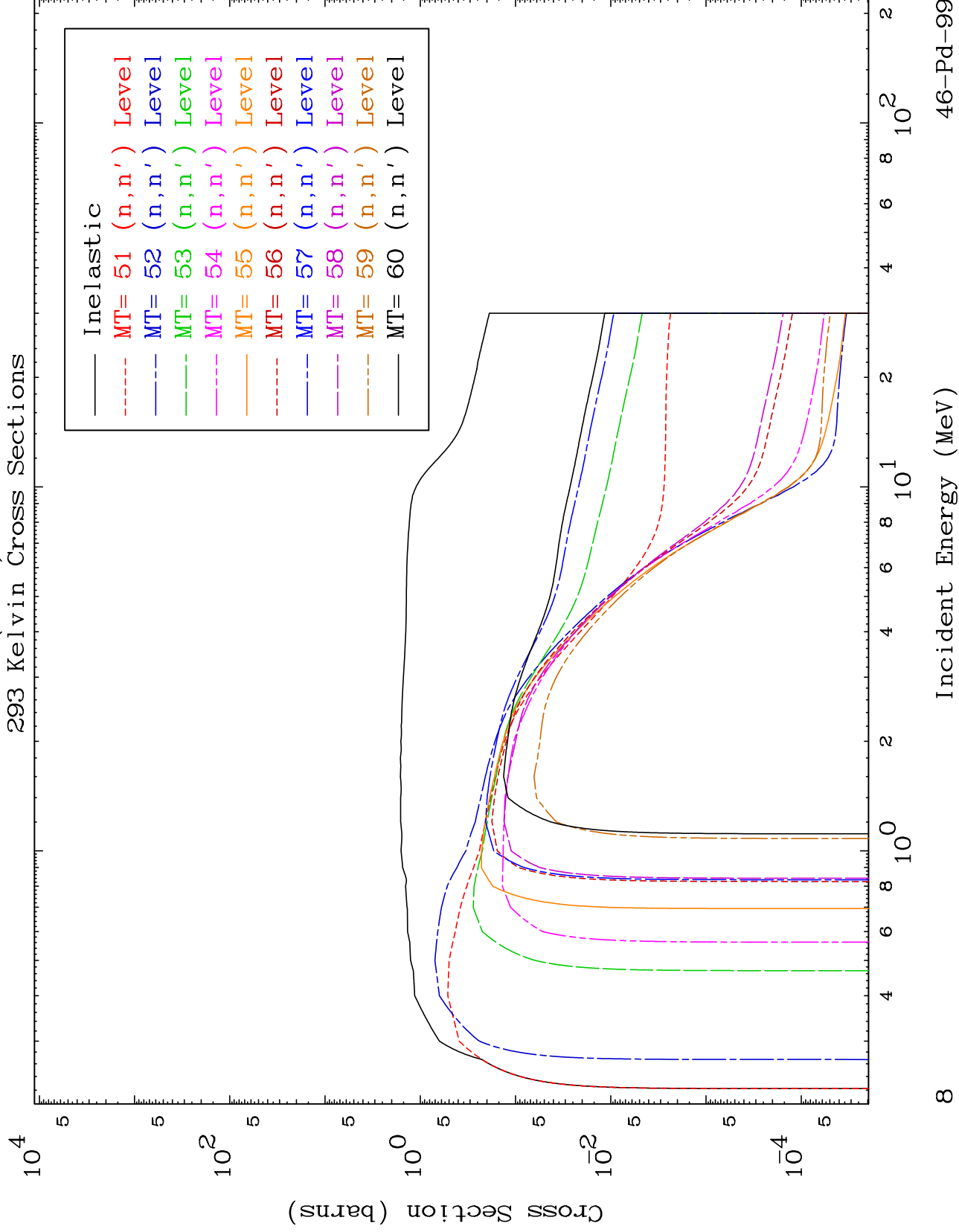


MAT 4616

Particle Production
293 Kelvin Cross Sections

46-Pd-99



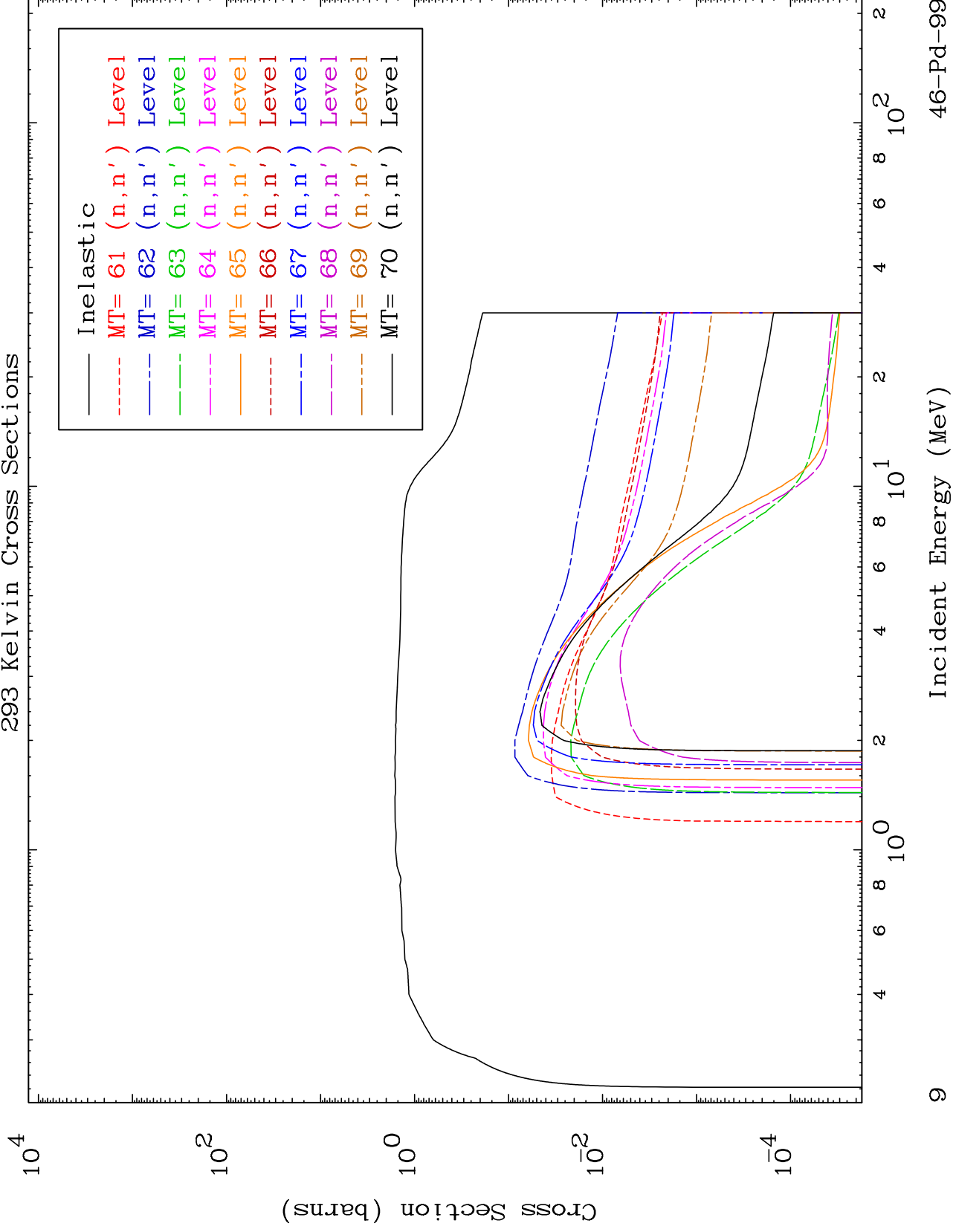


MAT 4616

(n,n') Levels

293 Kelvin Cross Sections

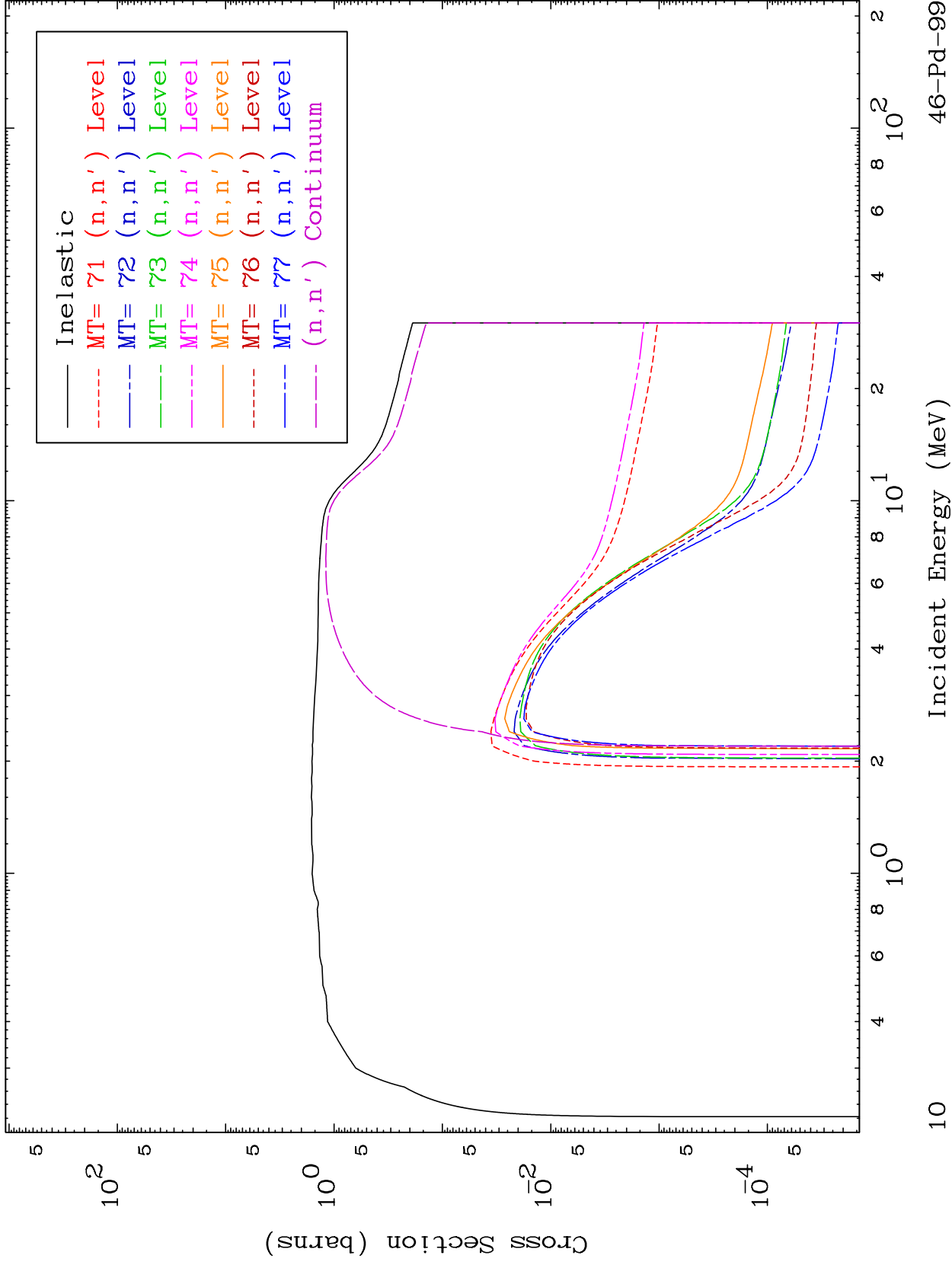
46-Pd-99



MAT 4616

(n,n') Levels
293 Kelvin Cross Sections

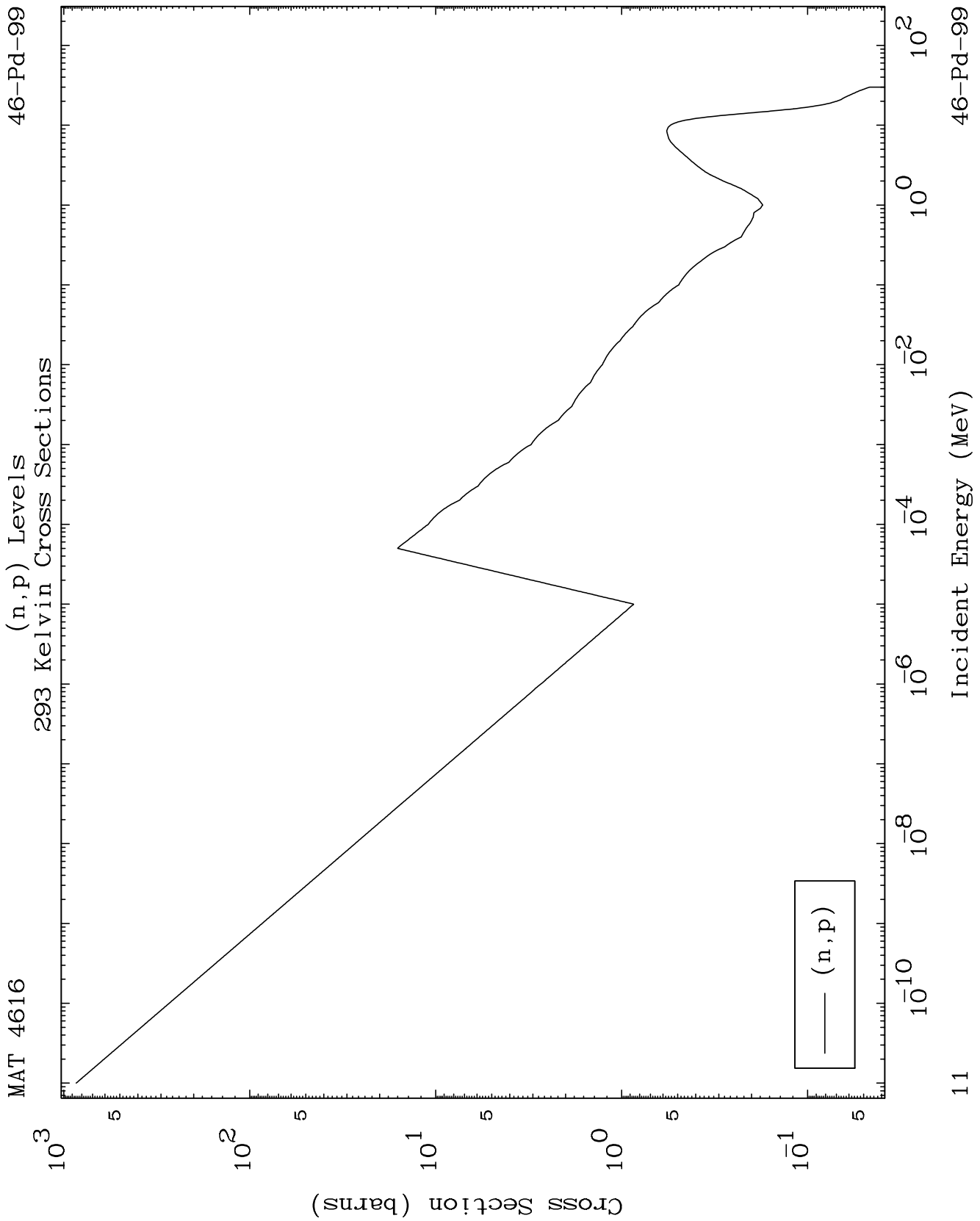
46-Pd-99



10

Incident Energy (MeV)

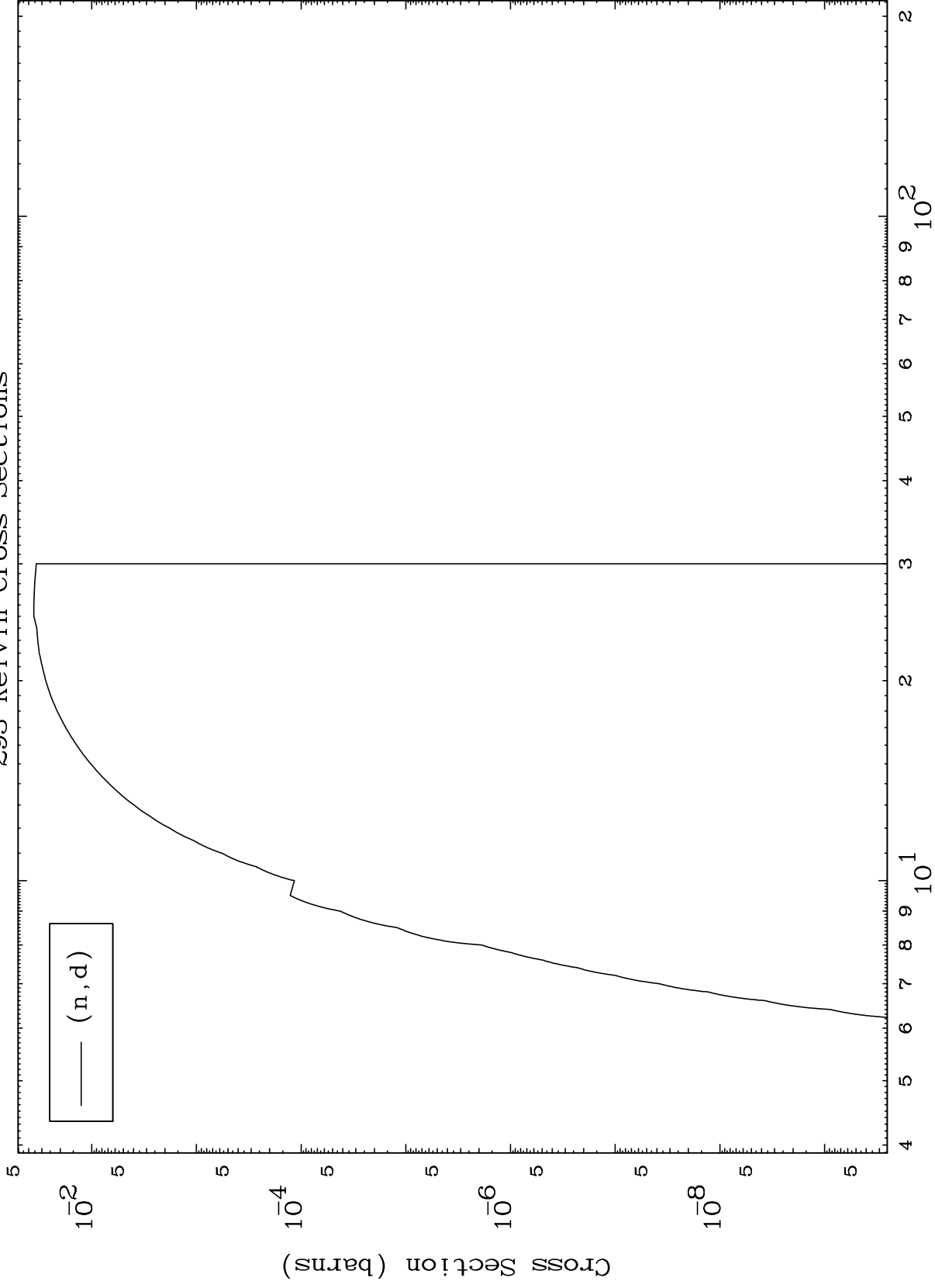
46-Pd-99



MAT 4616

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-99



12

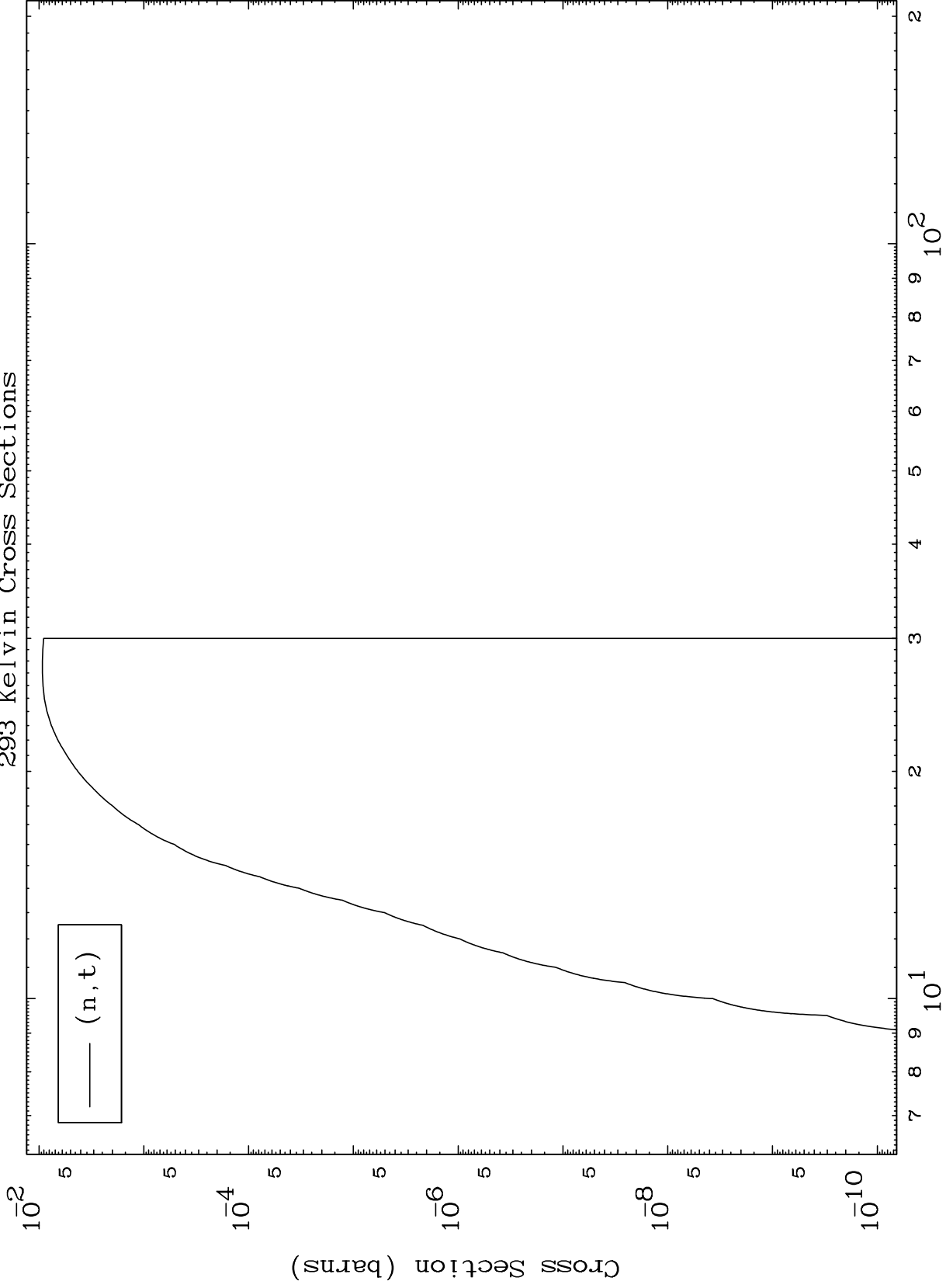
Incident Energy (MeV)

46-Pd-99

MAT 4616

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-99



13

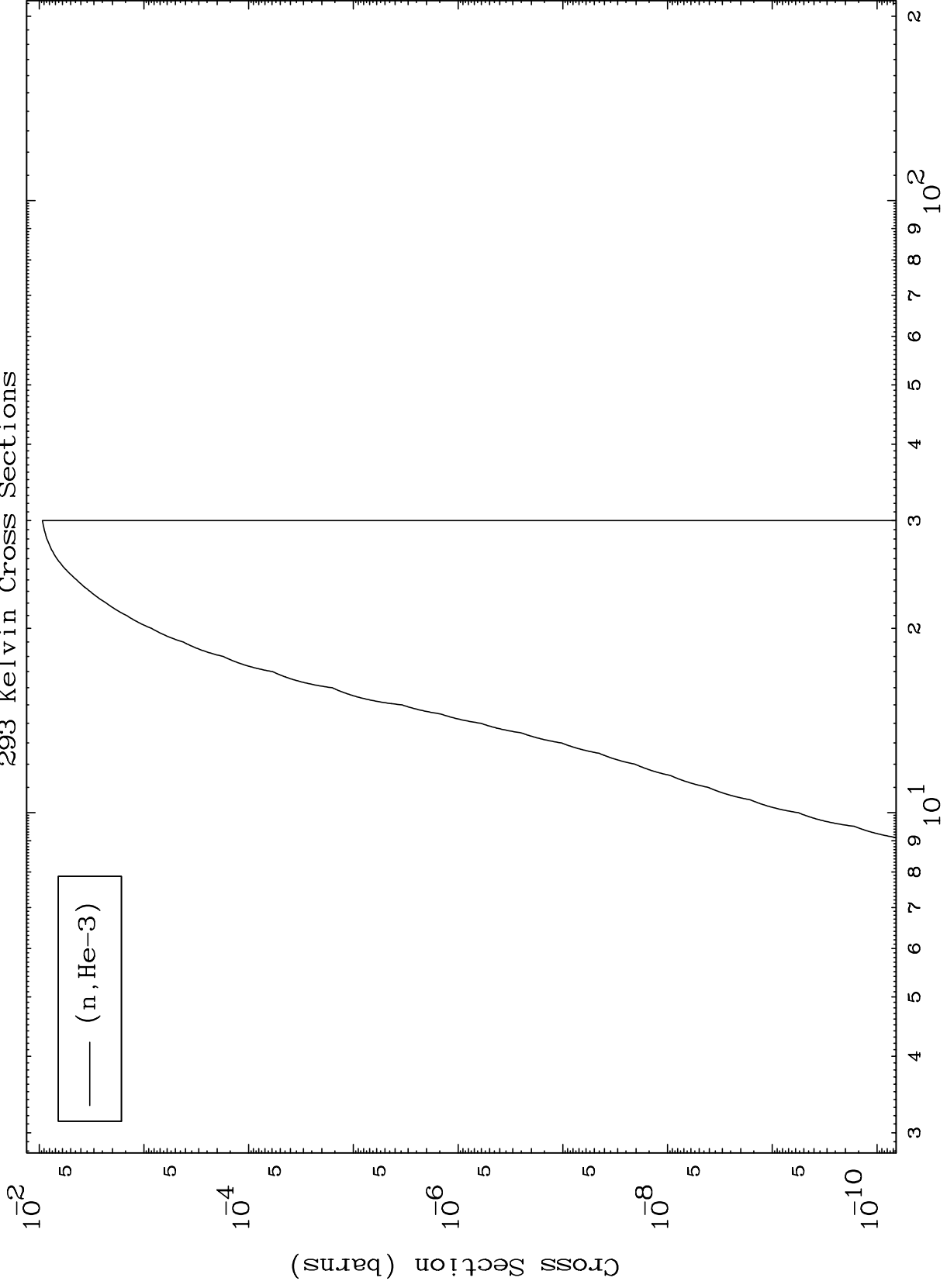
Incident Energy (MeV)

46-Pd-99

MAT 4616

(n,He3) Levels
293 Kelvin Cross Sections

46-Pd-99



14

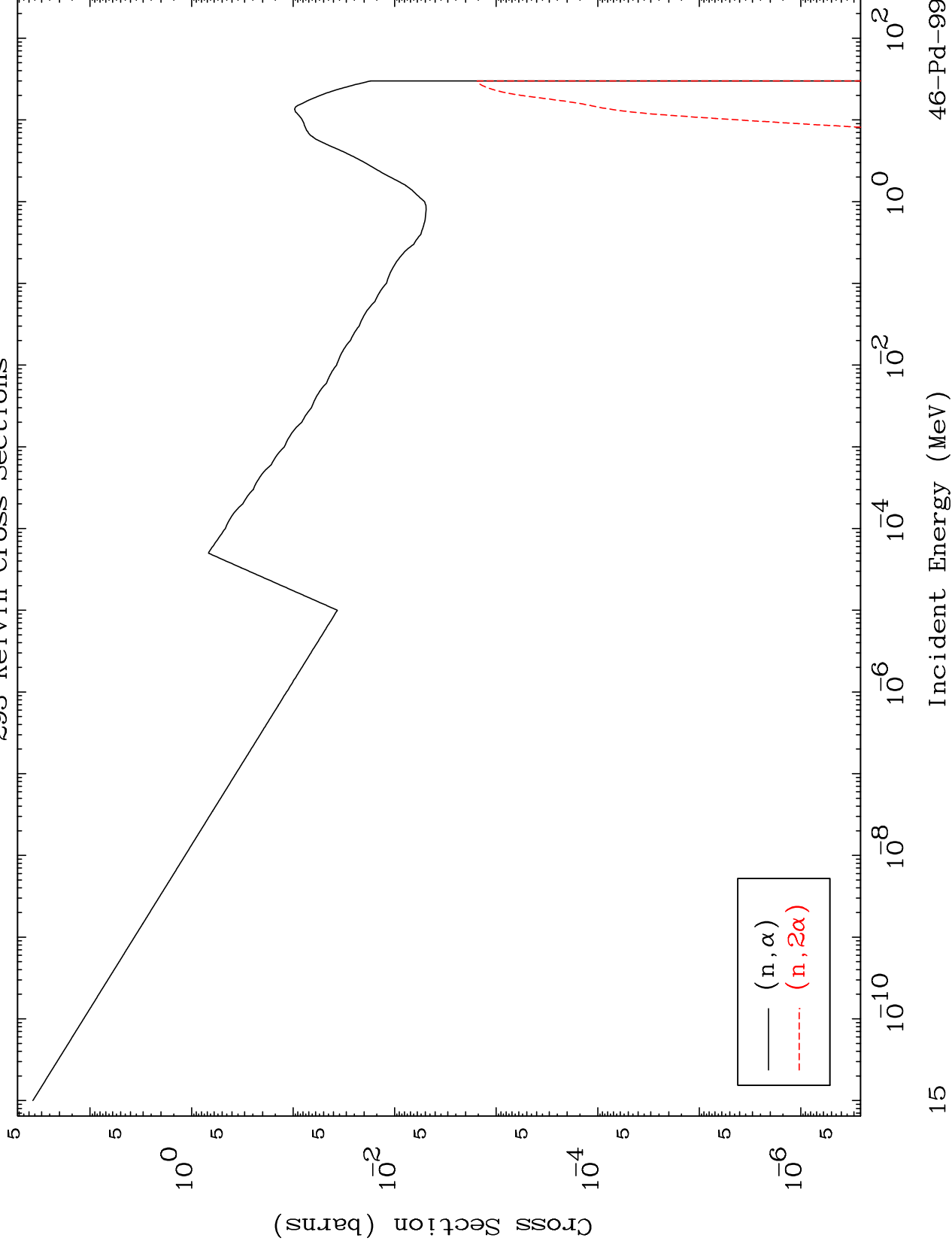
Incident Energy (MeV)

46-Pd-99

MAT 4616

(n,α) Levels
293 Kelvin Cross Sections

46-Pd-99



15

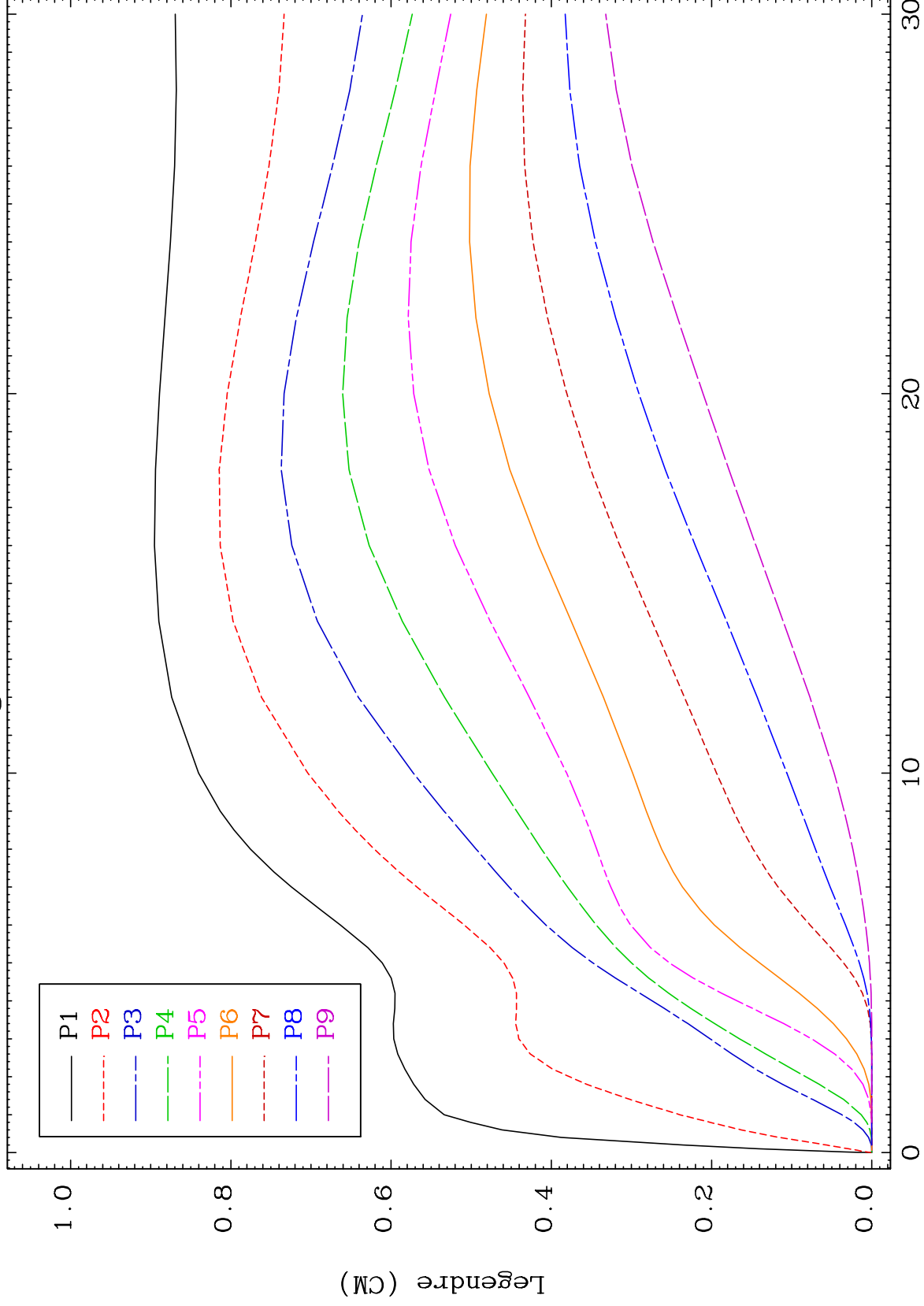
Incident Energy (MeV)

46-Pd-99

MAT 4616

Elastic Legendre Coefficients

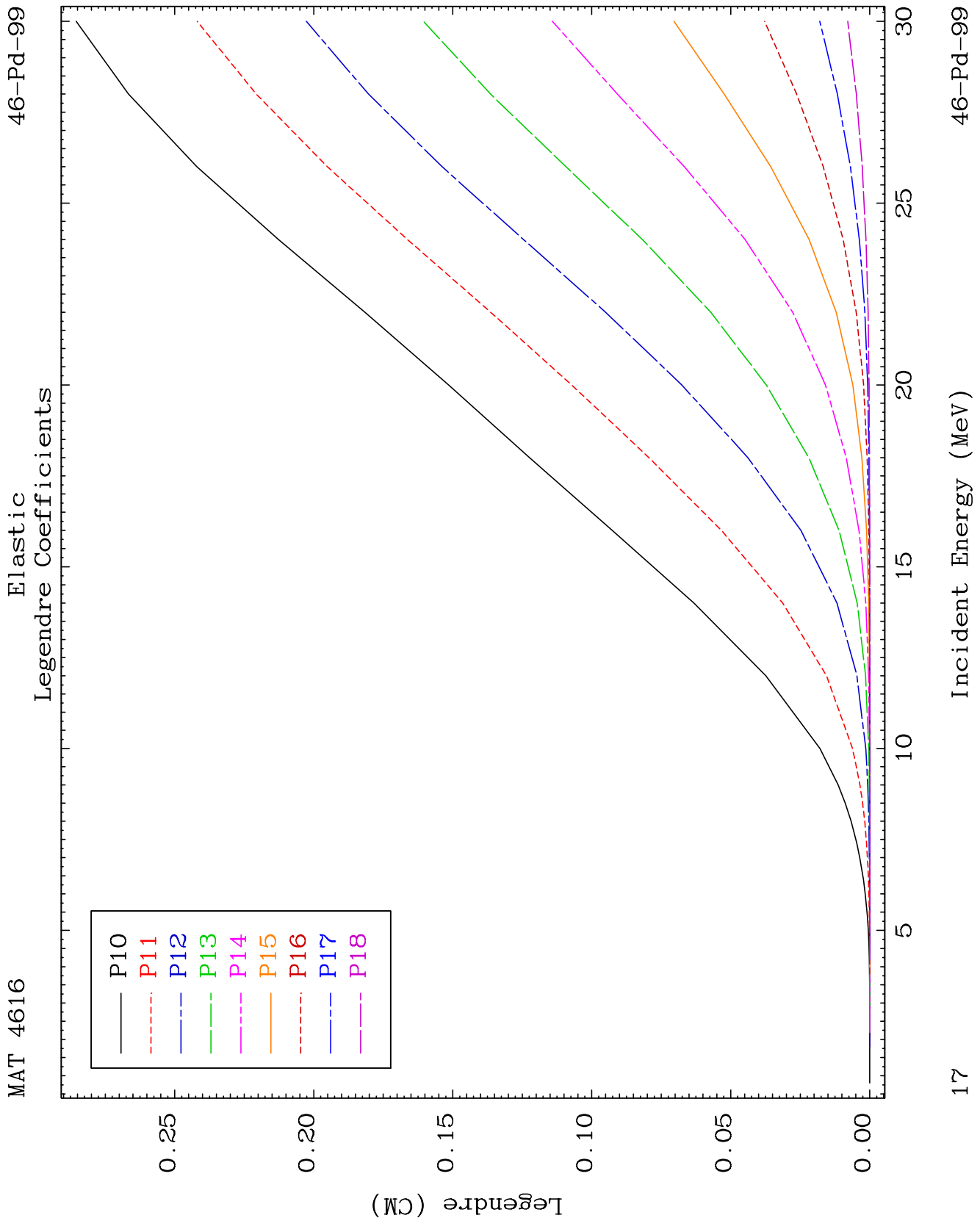
46-Pd-99



16

Incident Energy (MeV)

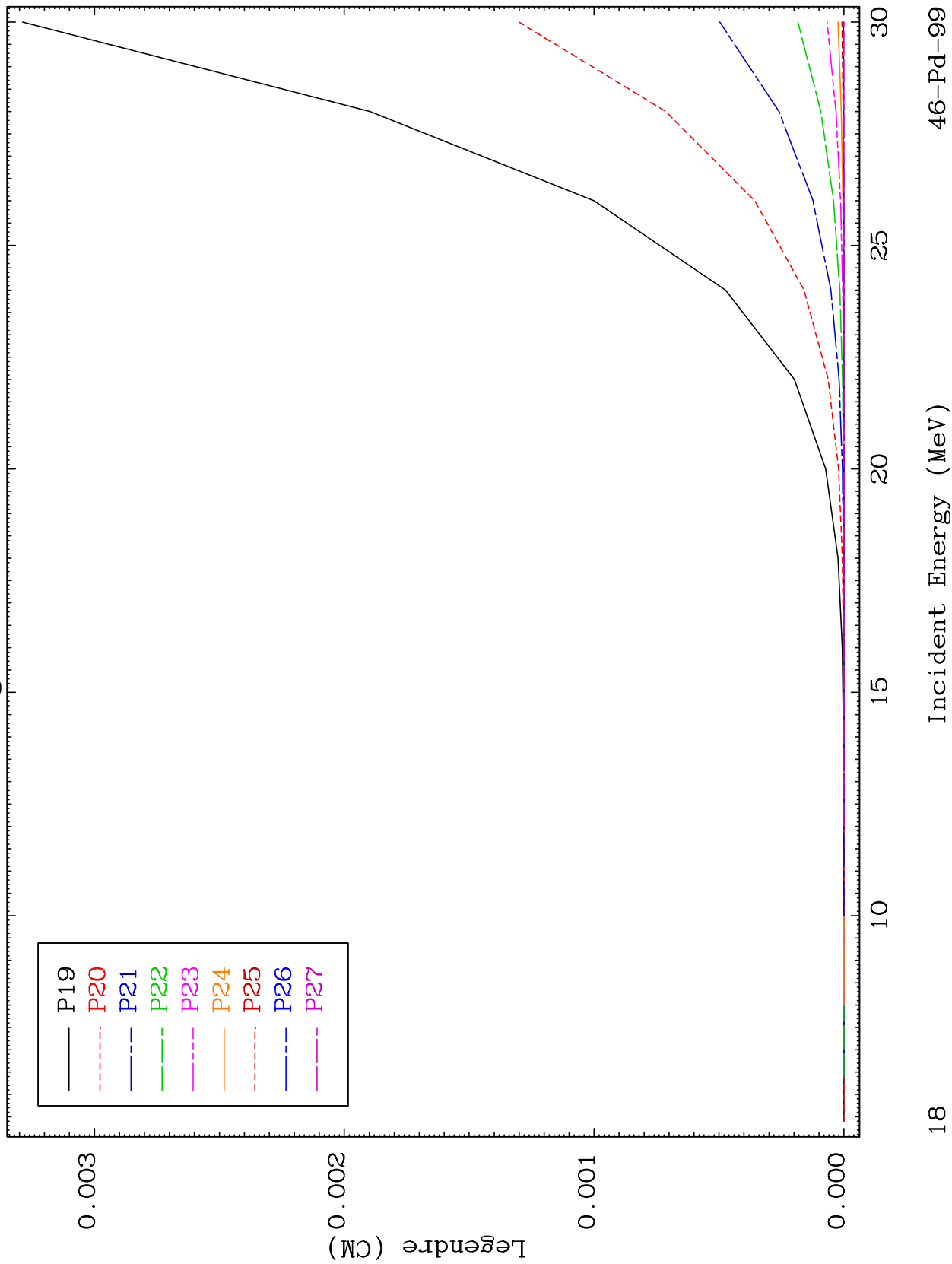
46-Pd-99



MAT 4616

Elastic Legendre Coefficients

46-Pd-99



18

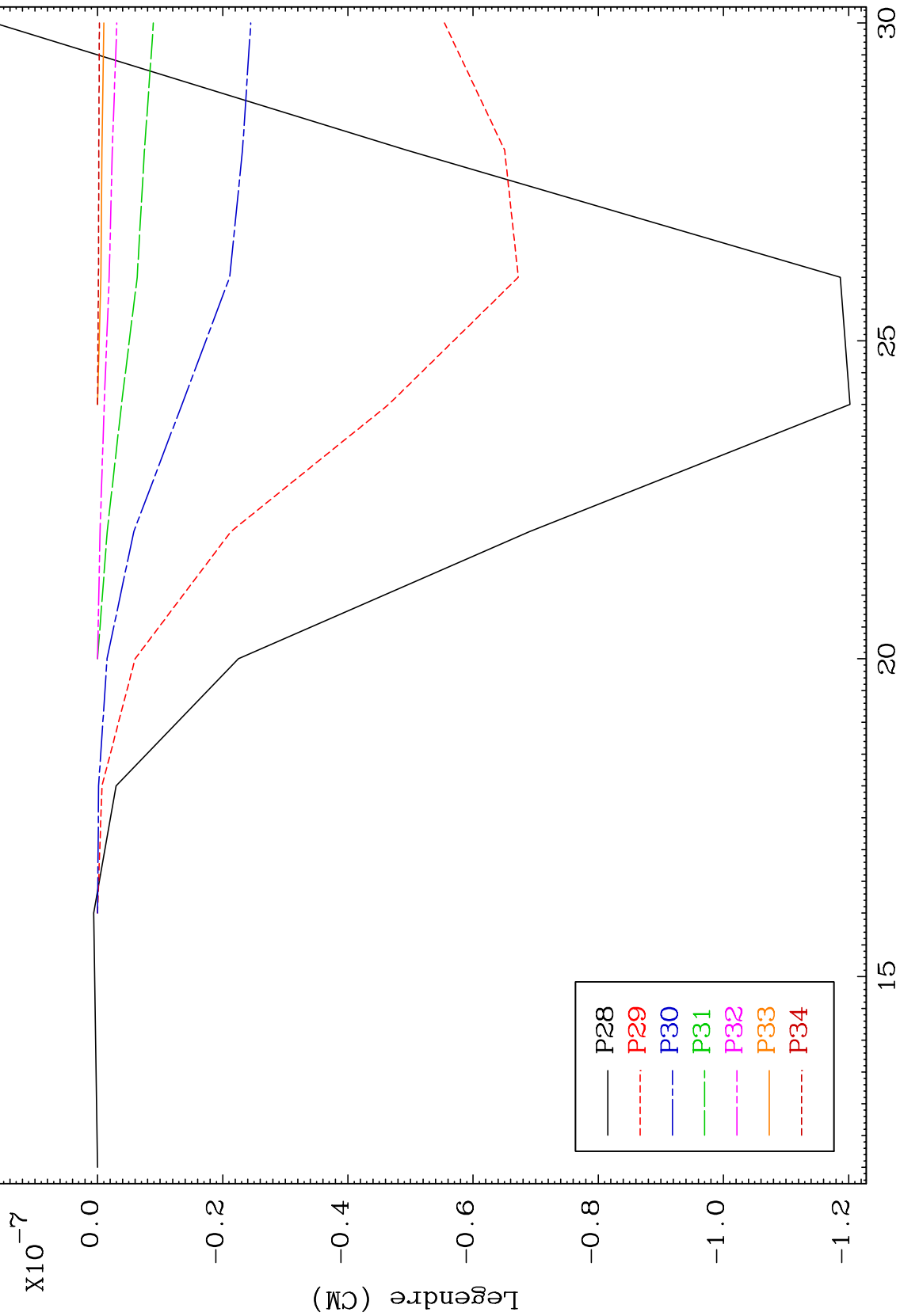
Incident Energy (MeV)

46-Pd-99

MAT 4616

Elastic Legendre Coefficients

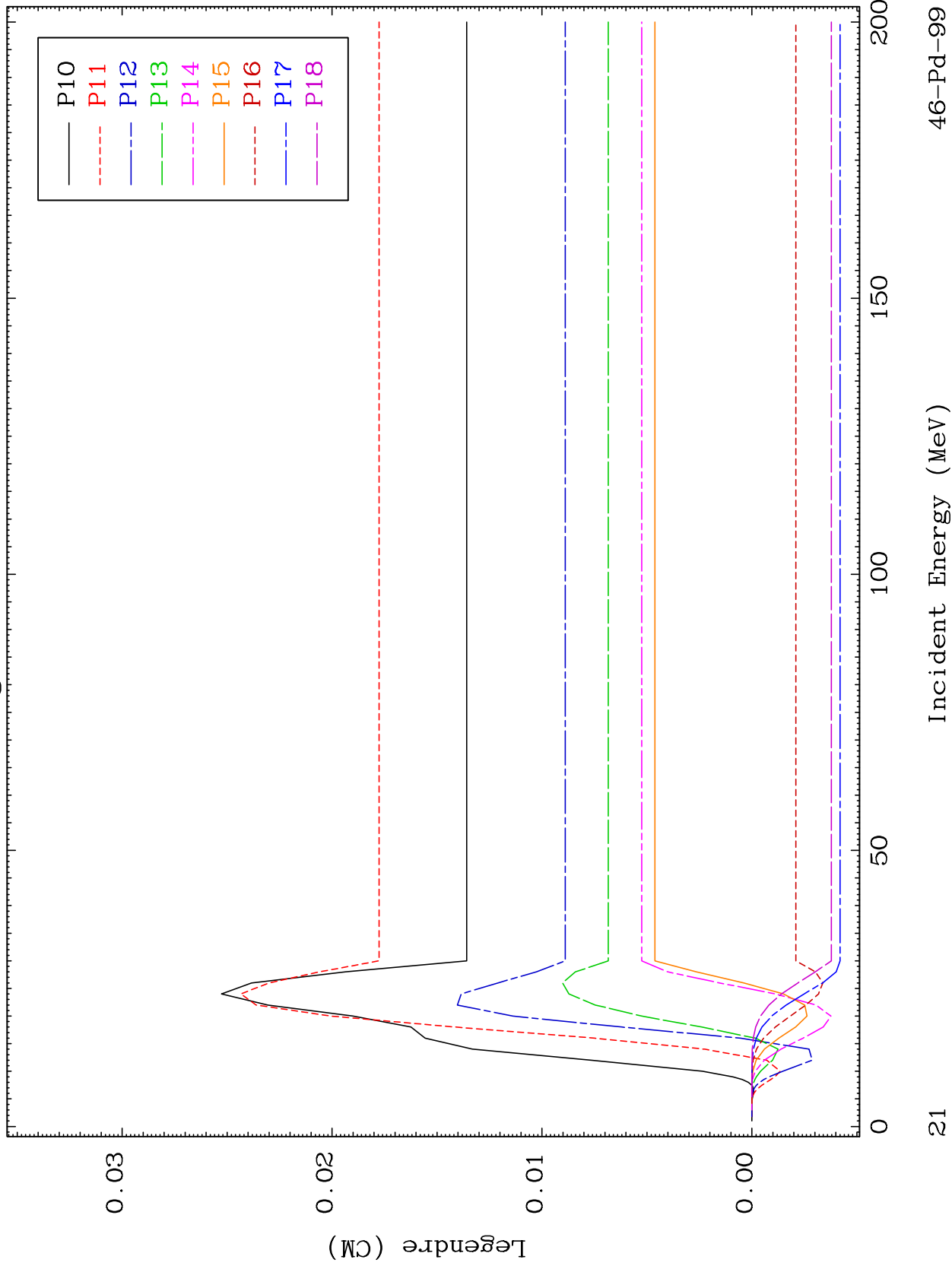
46-Pd-99

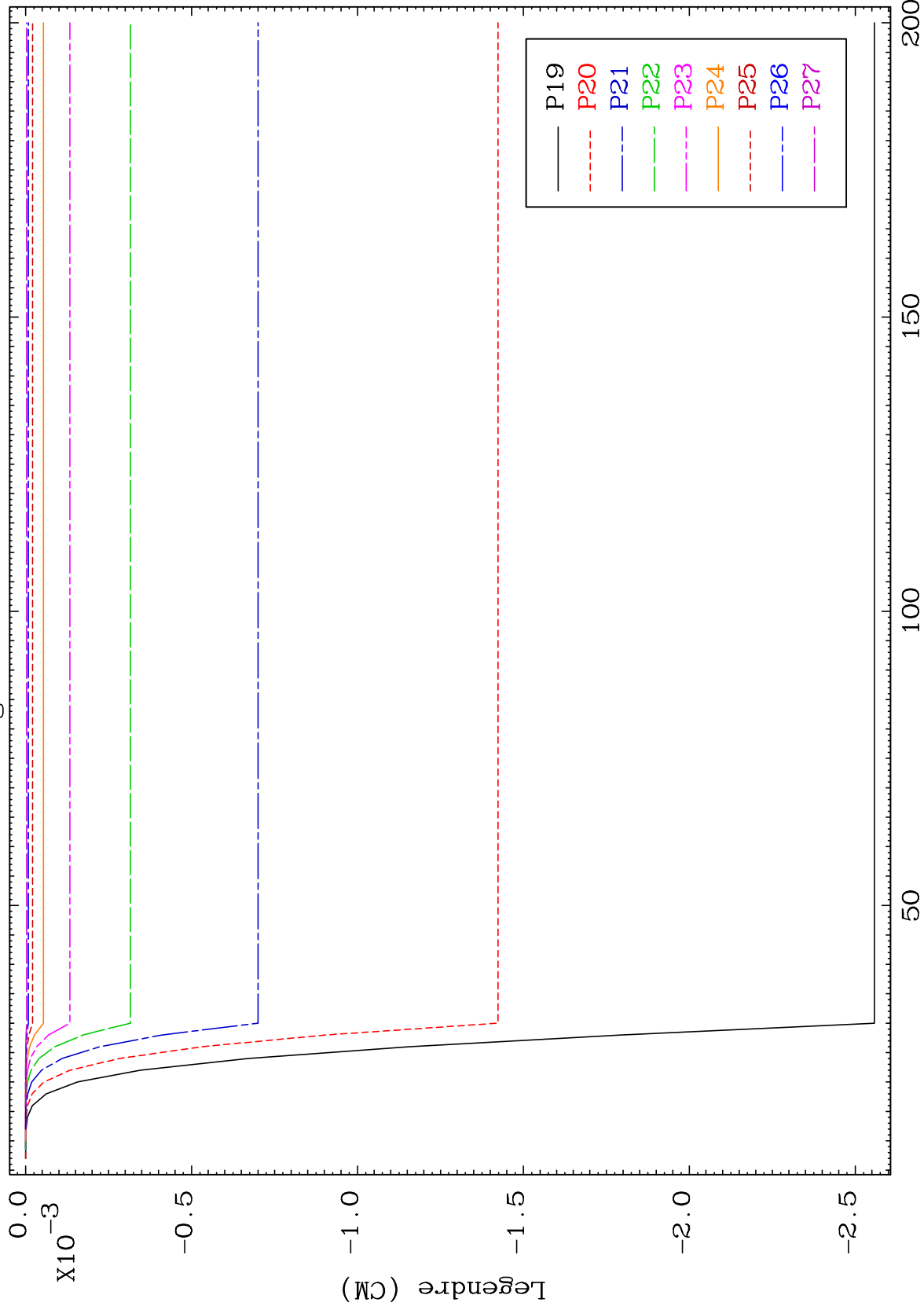


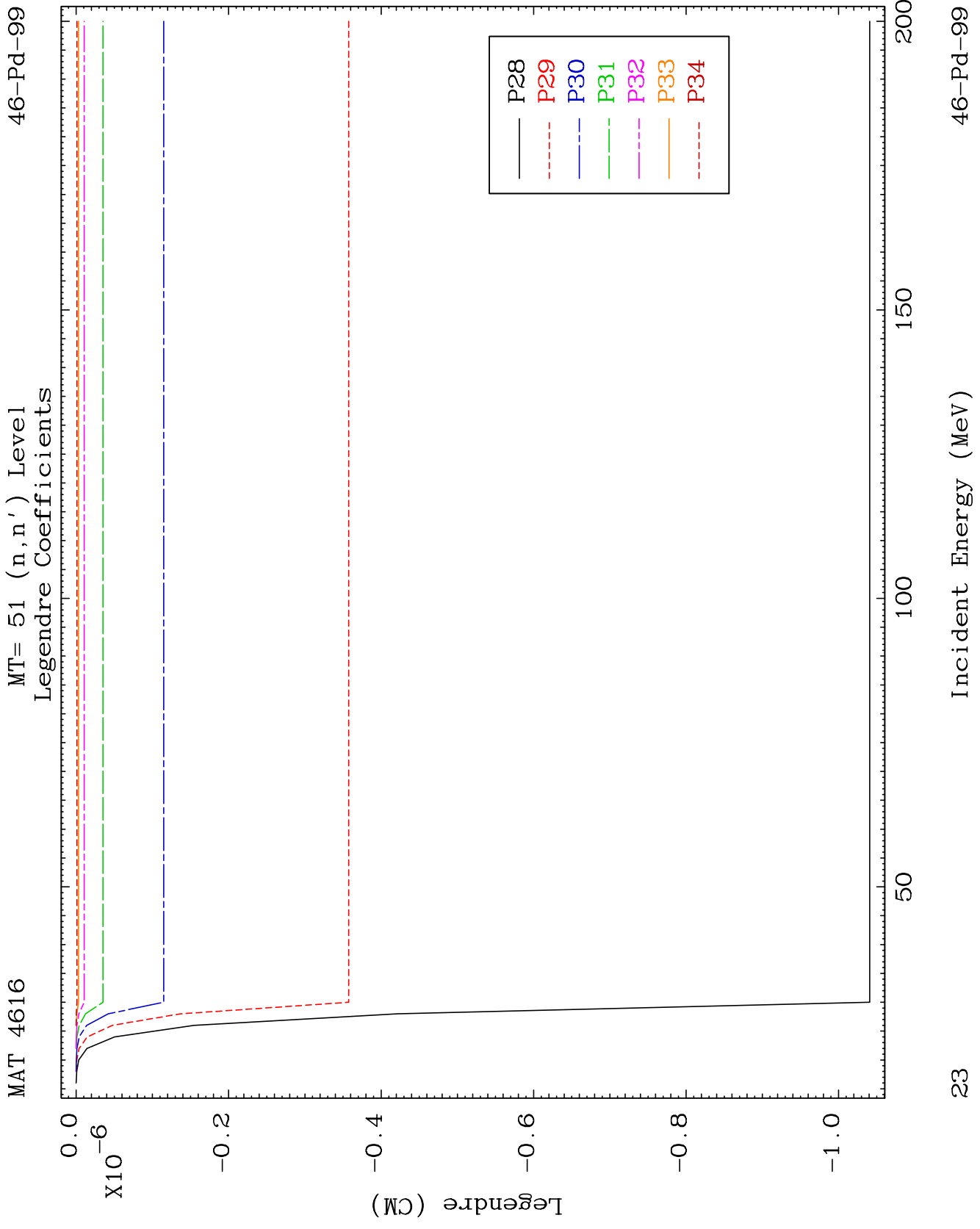
MAT 4616

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

46-Pd-99



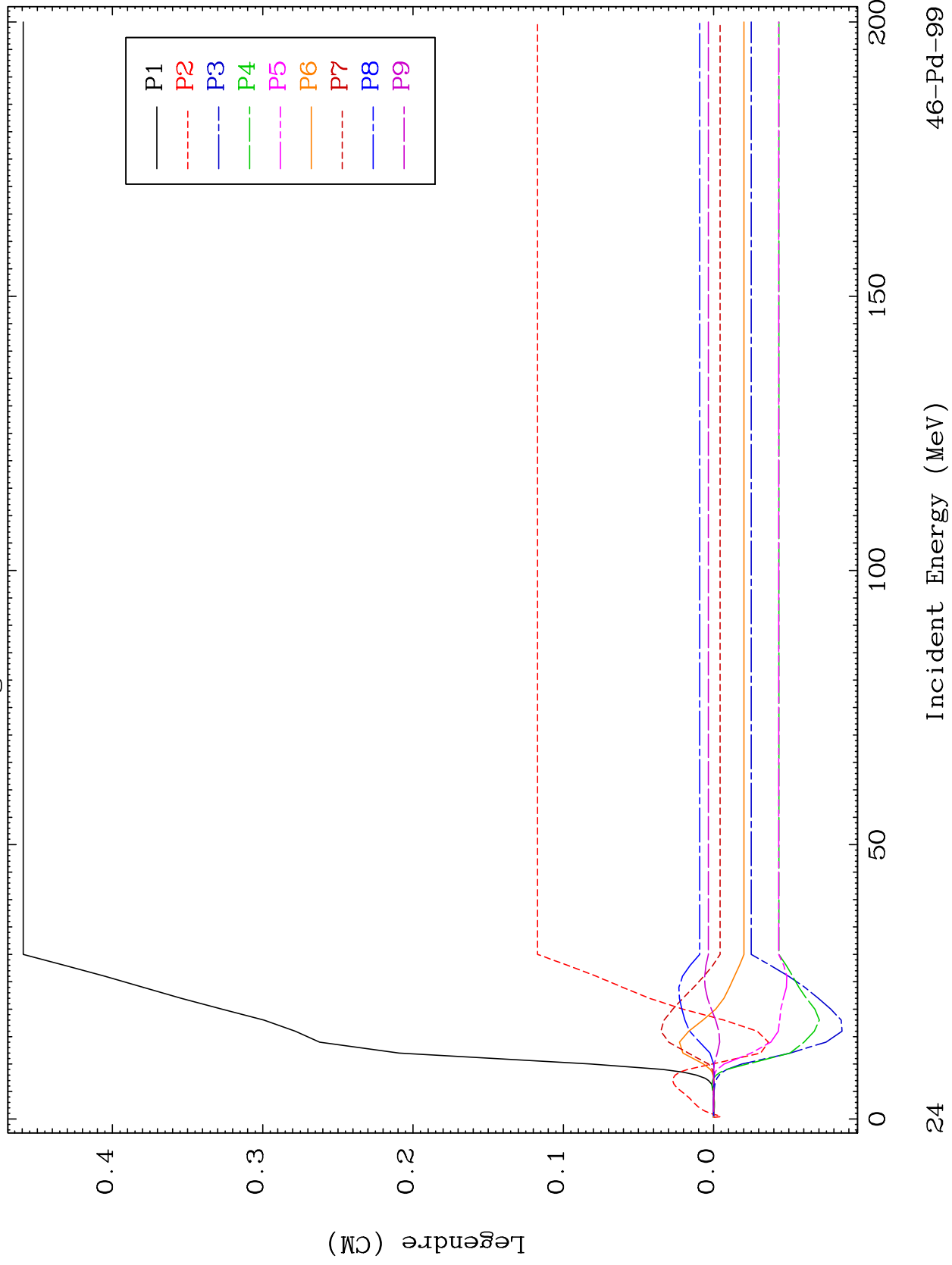




MAT 4616

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

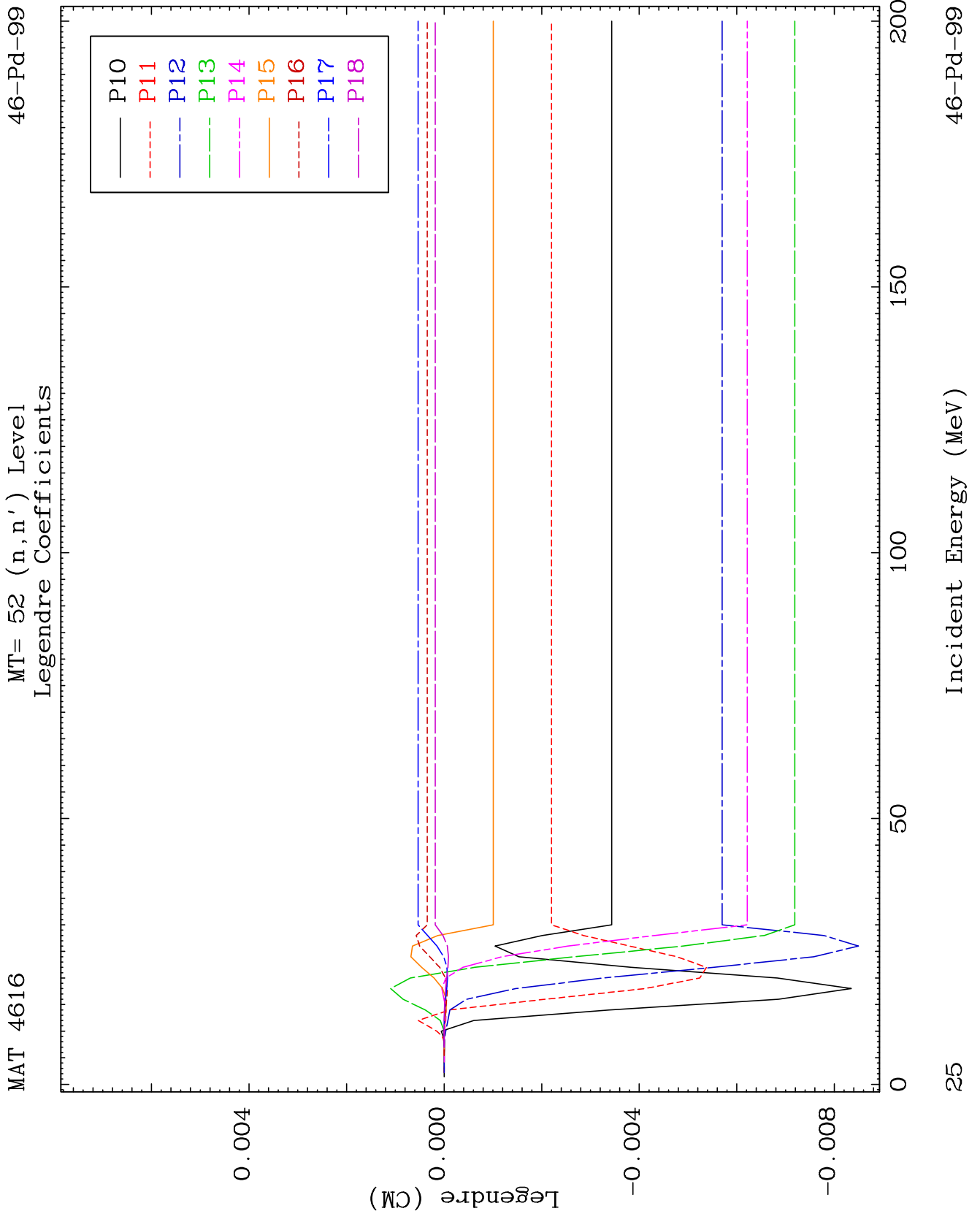
46-Pd-99



24

Incident Energy (MeV)

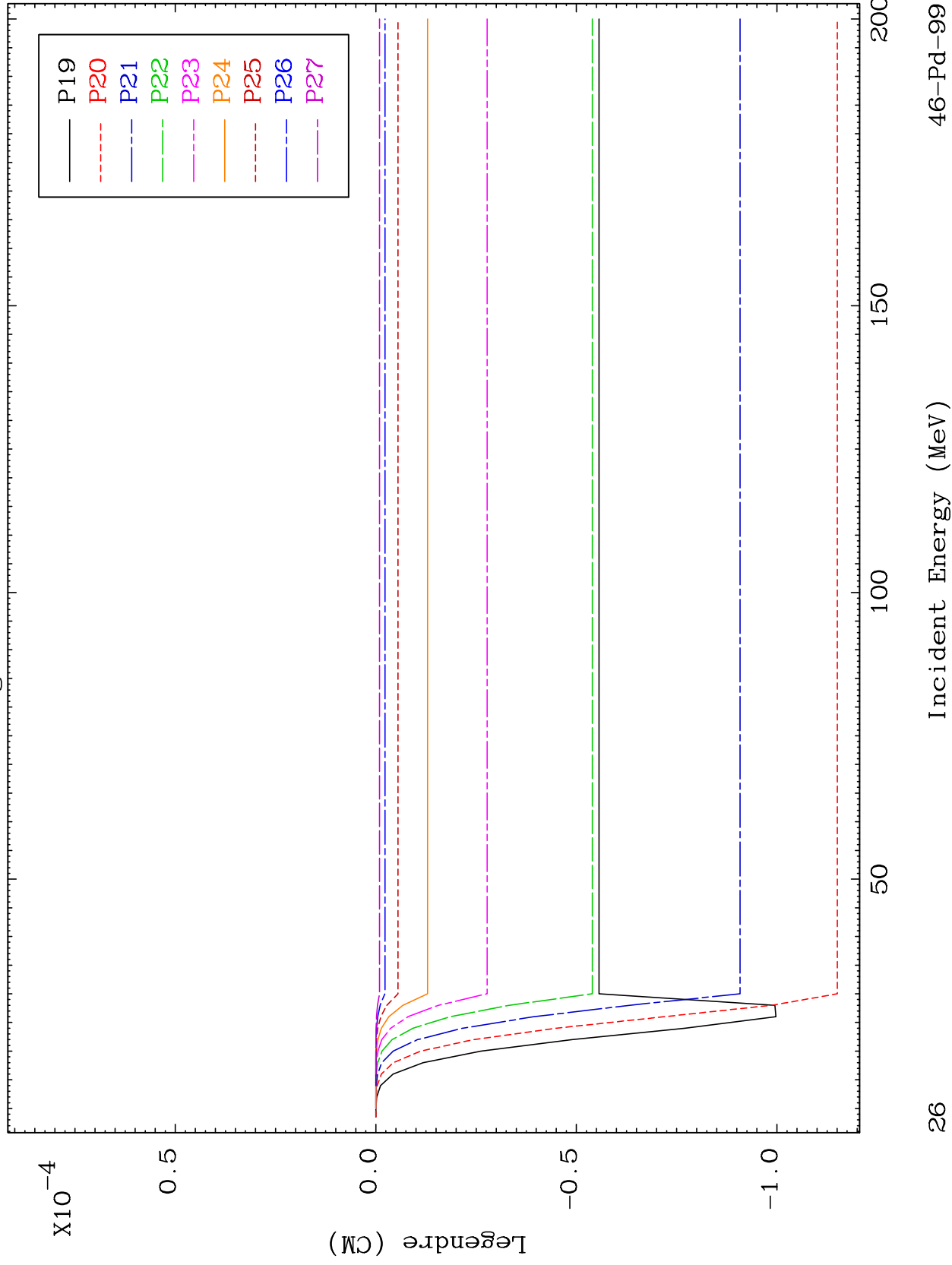
46-Pd-99

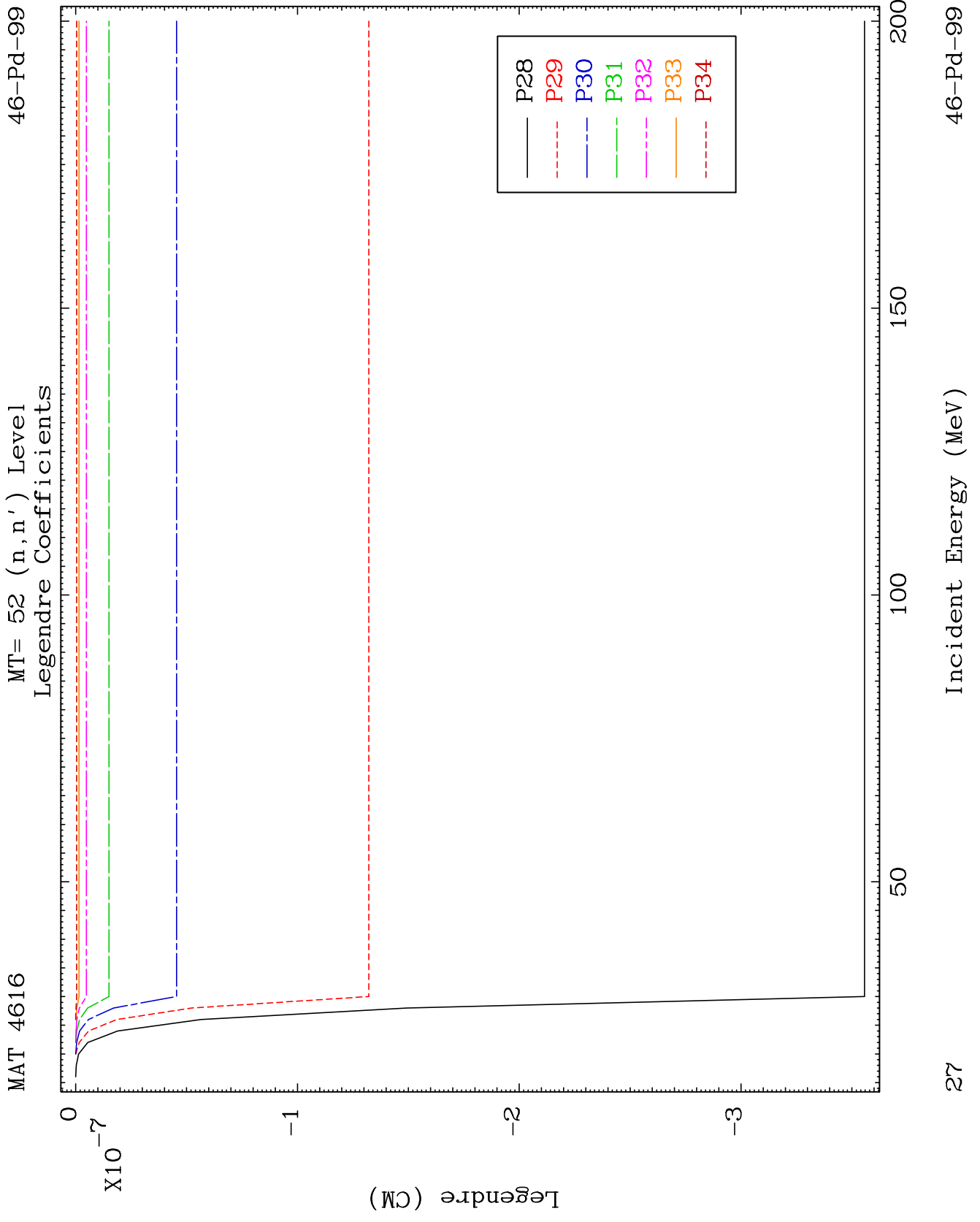


MAT 4616

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

46-Pd-99

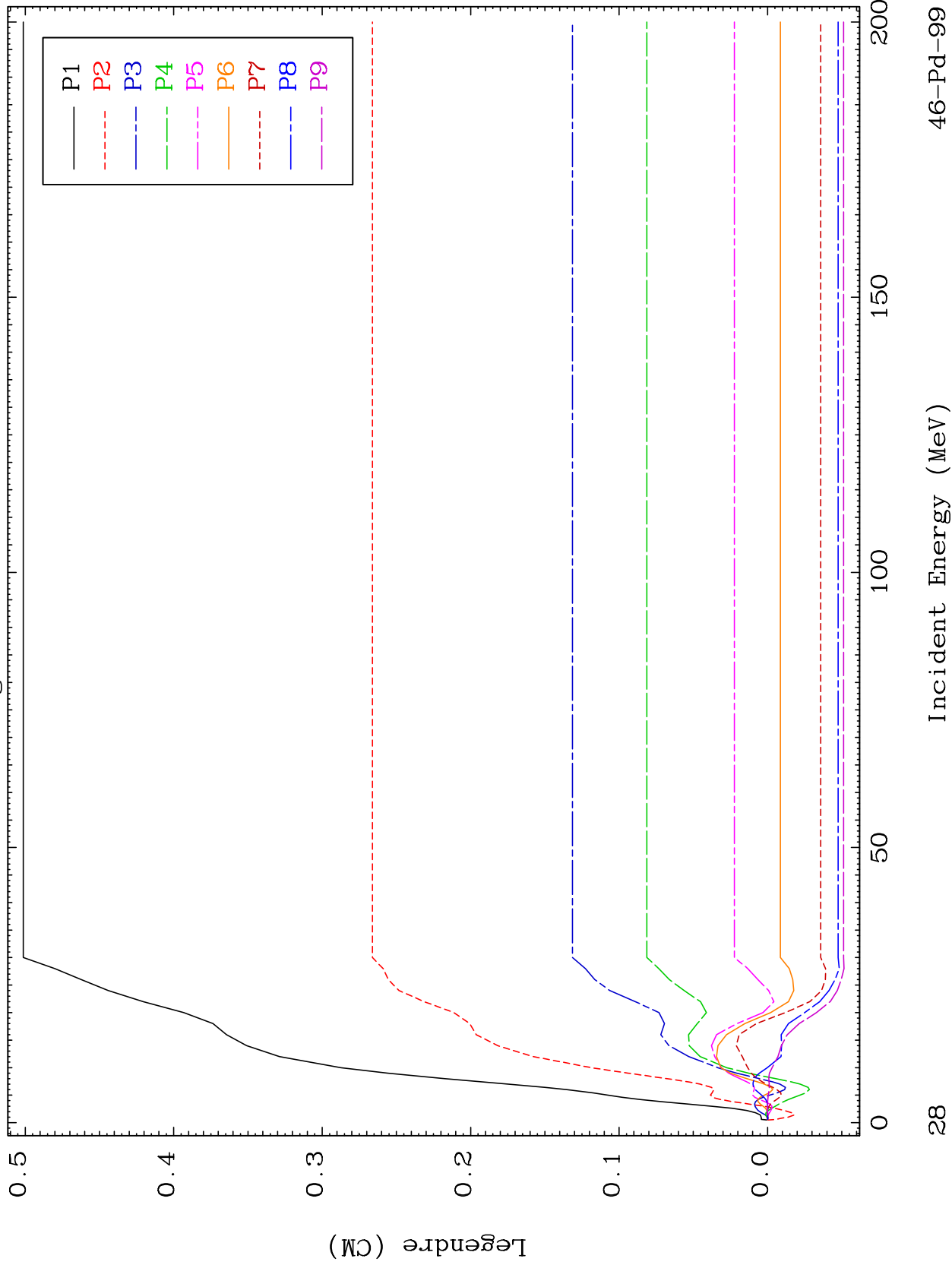




MAT 4616

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

46-Pd-99



46-Pd-99

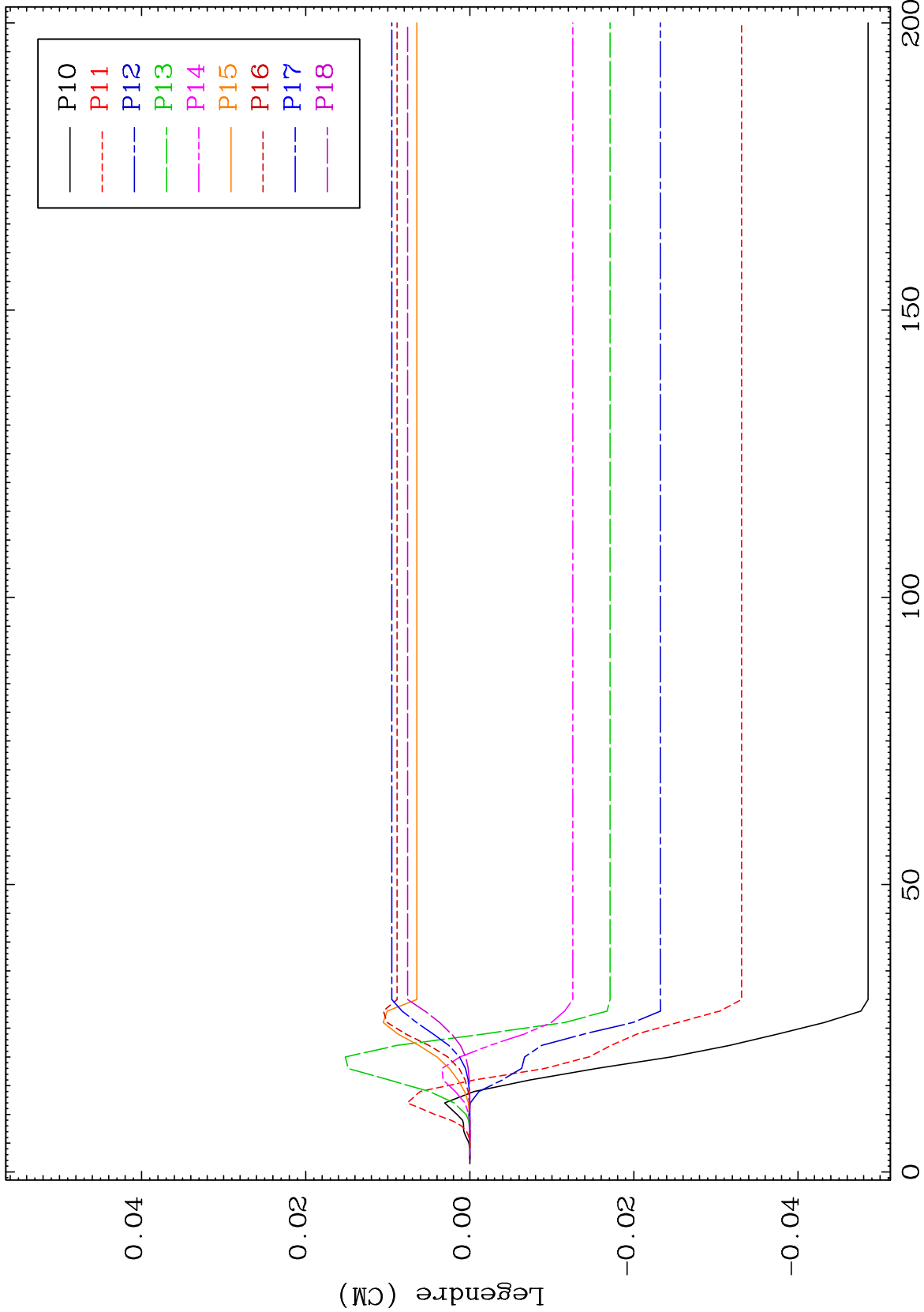
Incident Energy (MeV)

28

MAT 4616

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

46-Pd-99



29

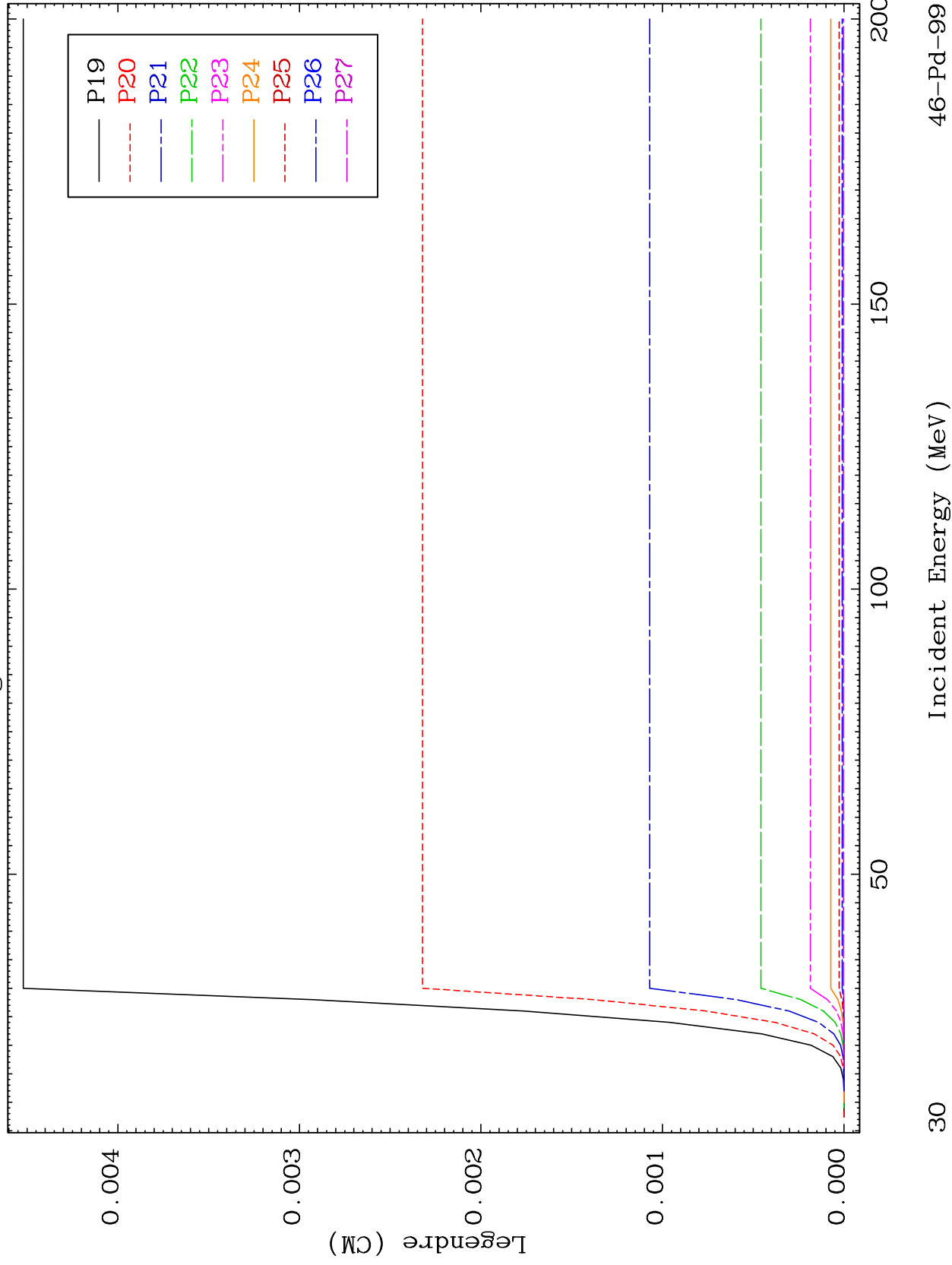
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



46-Pd-99

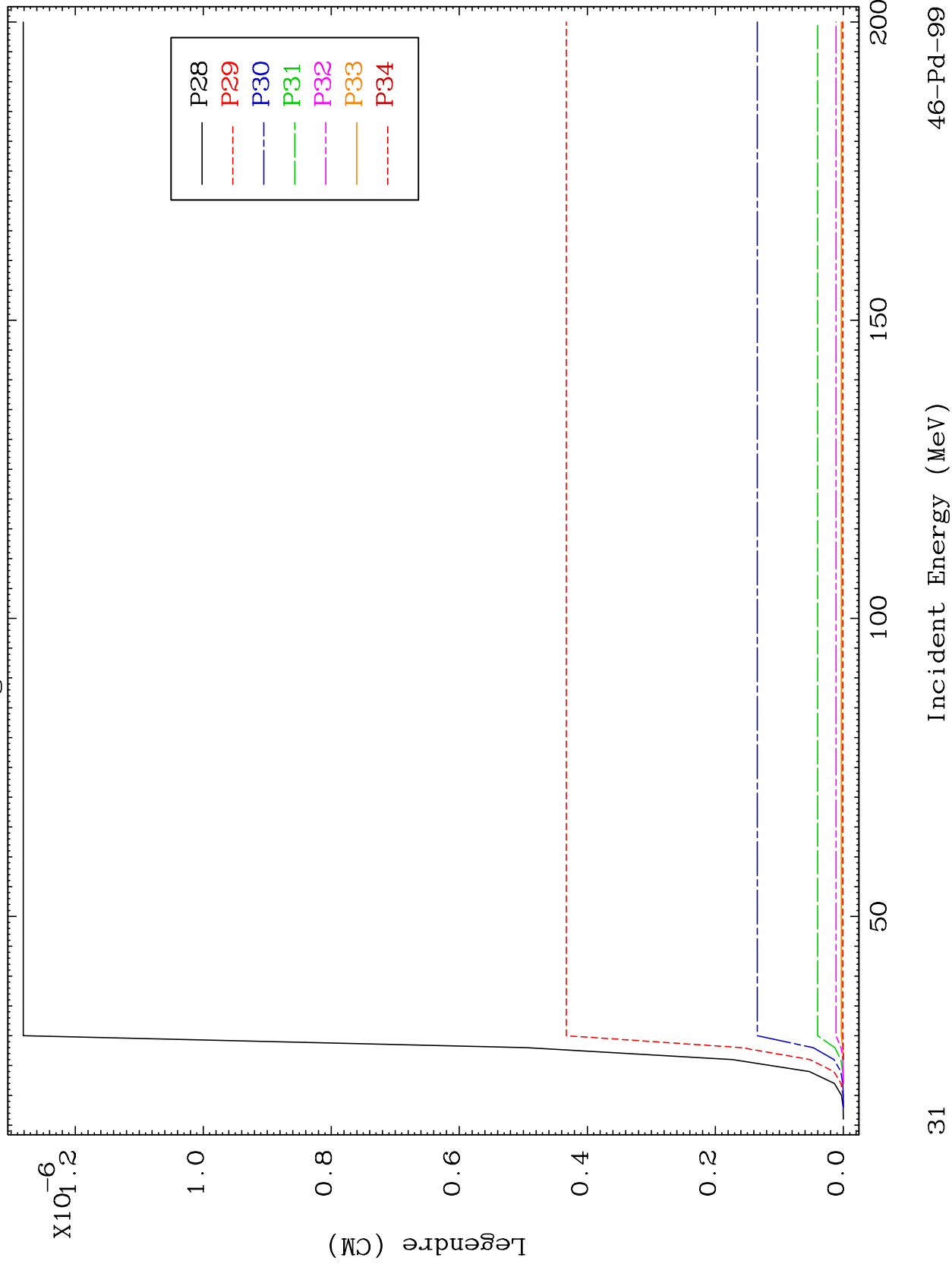
Incident Energy (MeV)

30

MAT 4616

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

46-Pd-99



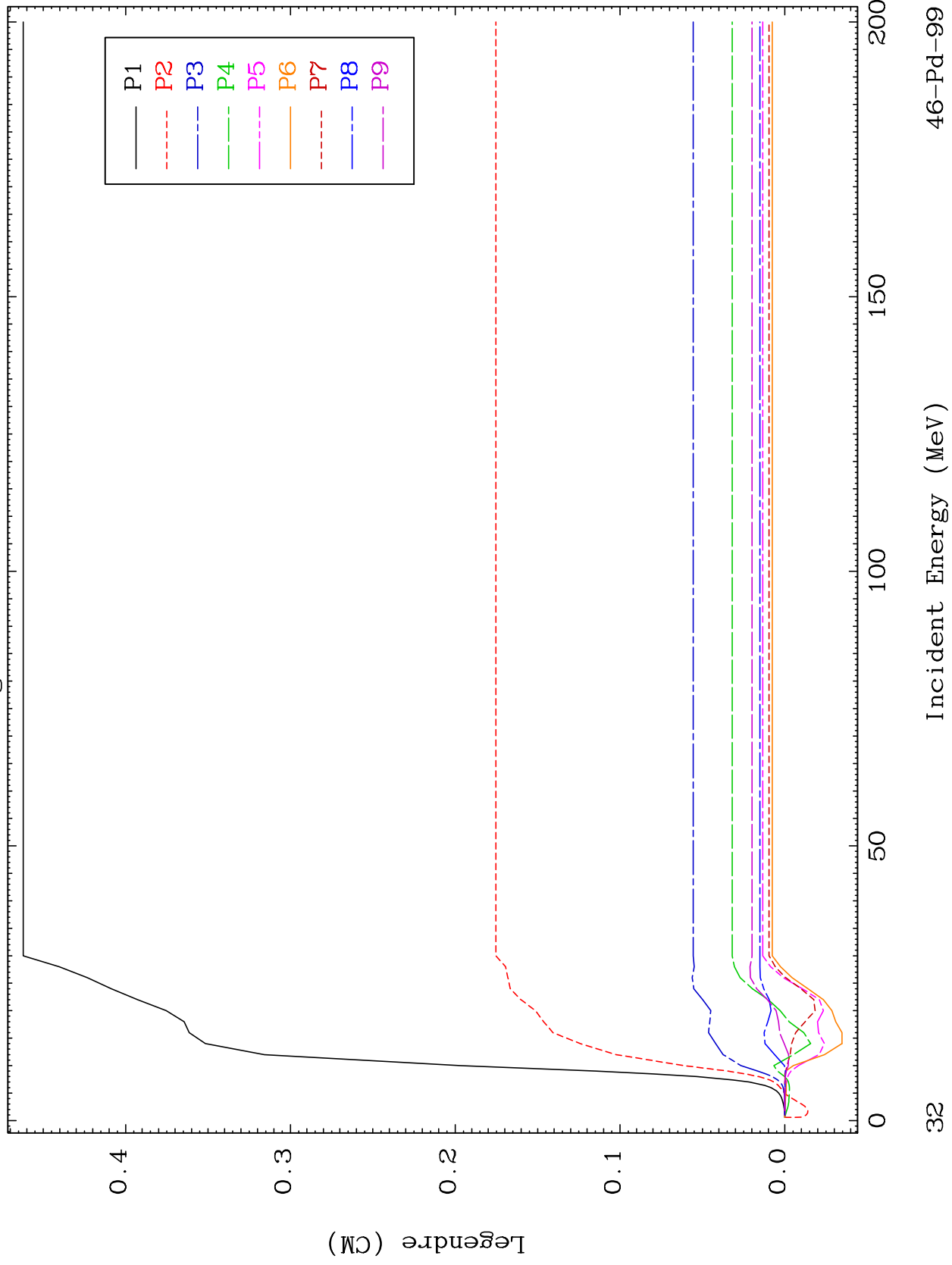
31

46-Pd-99

MAT 4616

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

46-Pd-99



46-Pd-99

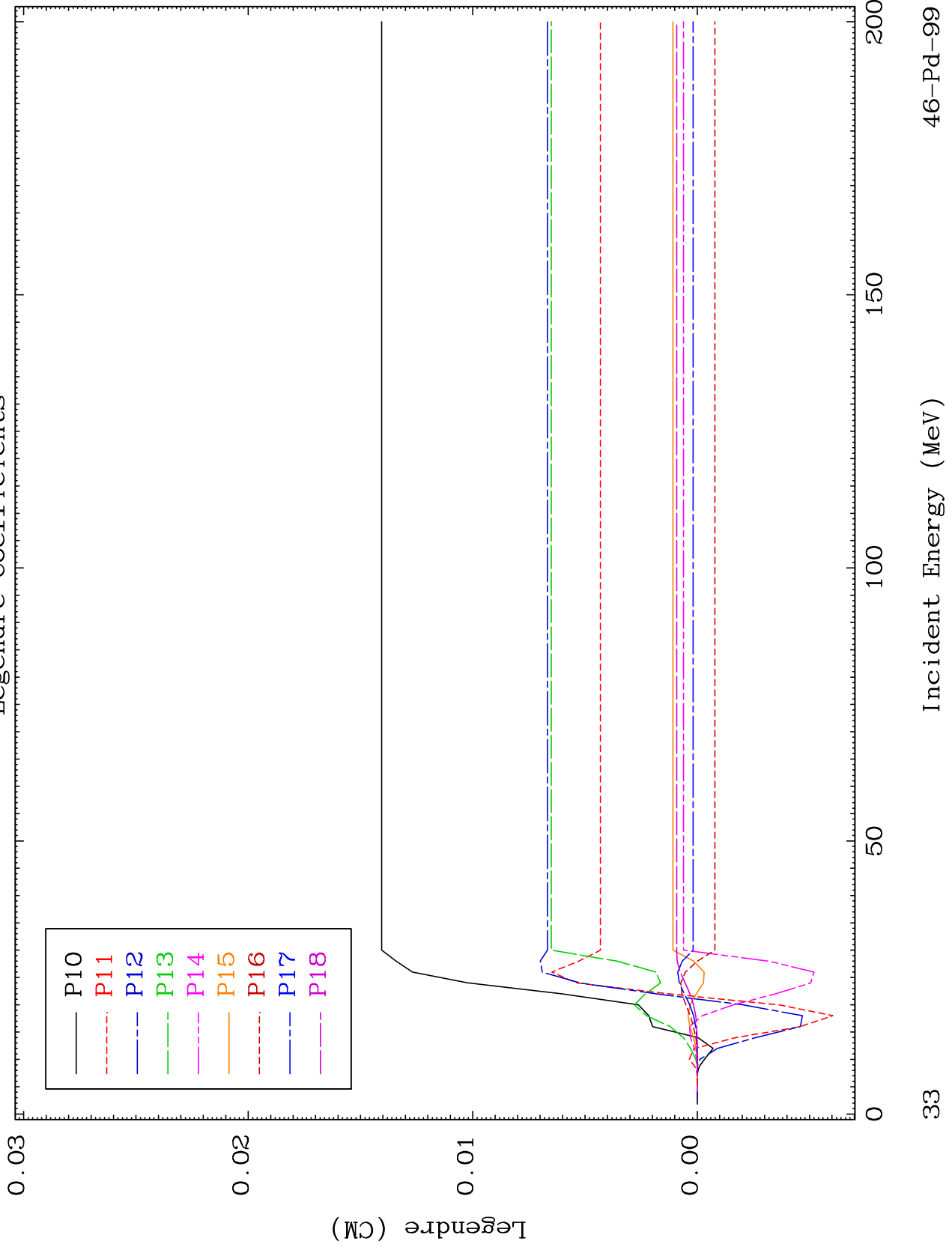
Incident Energy (MeV)

32

MAT 4616

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

46-Pd-99



33

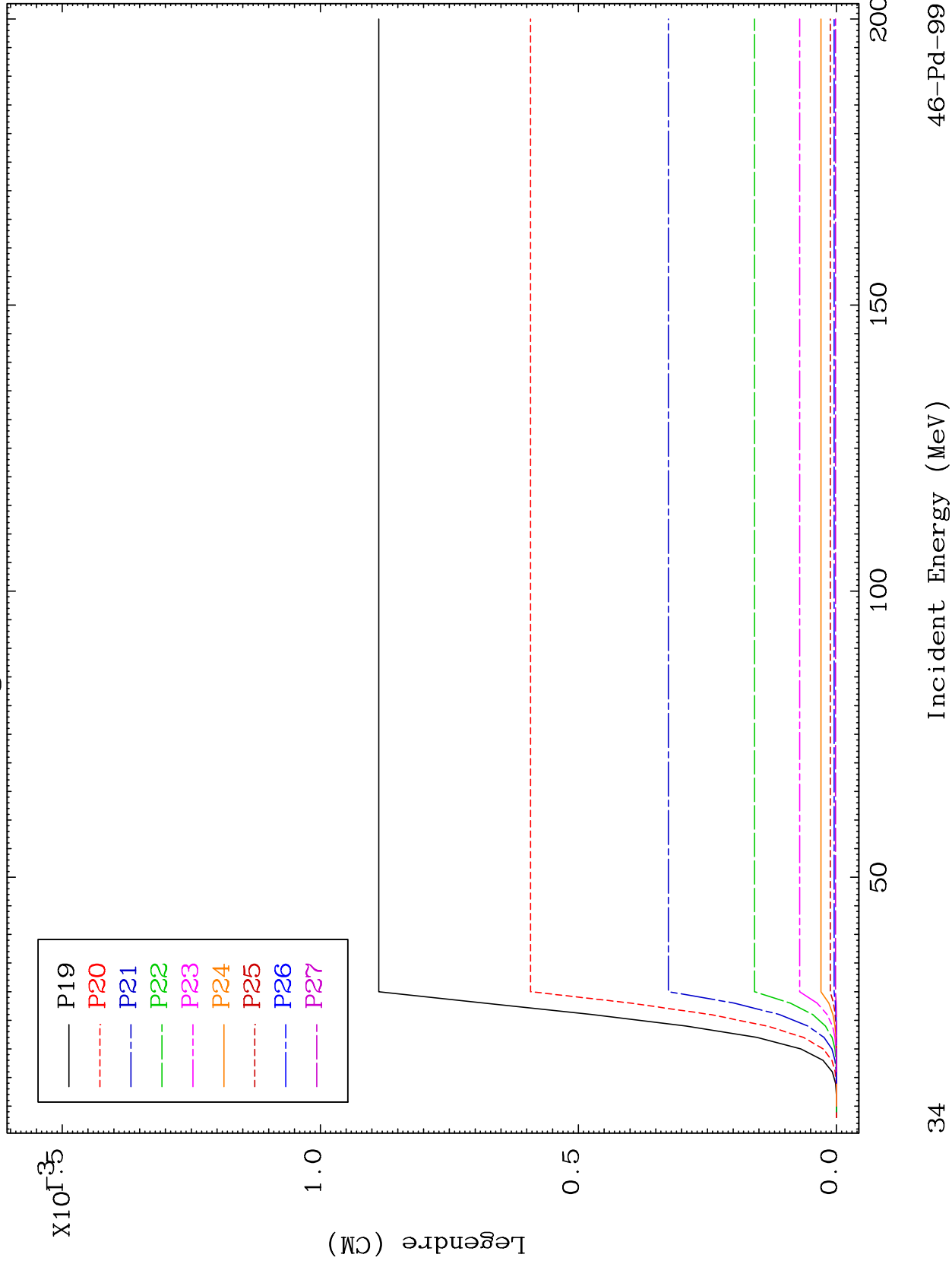
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

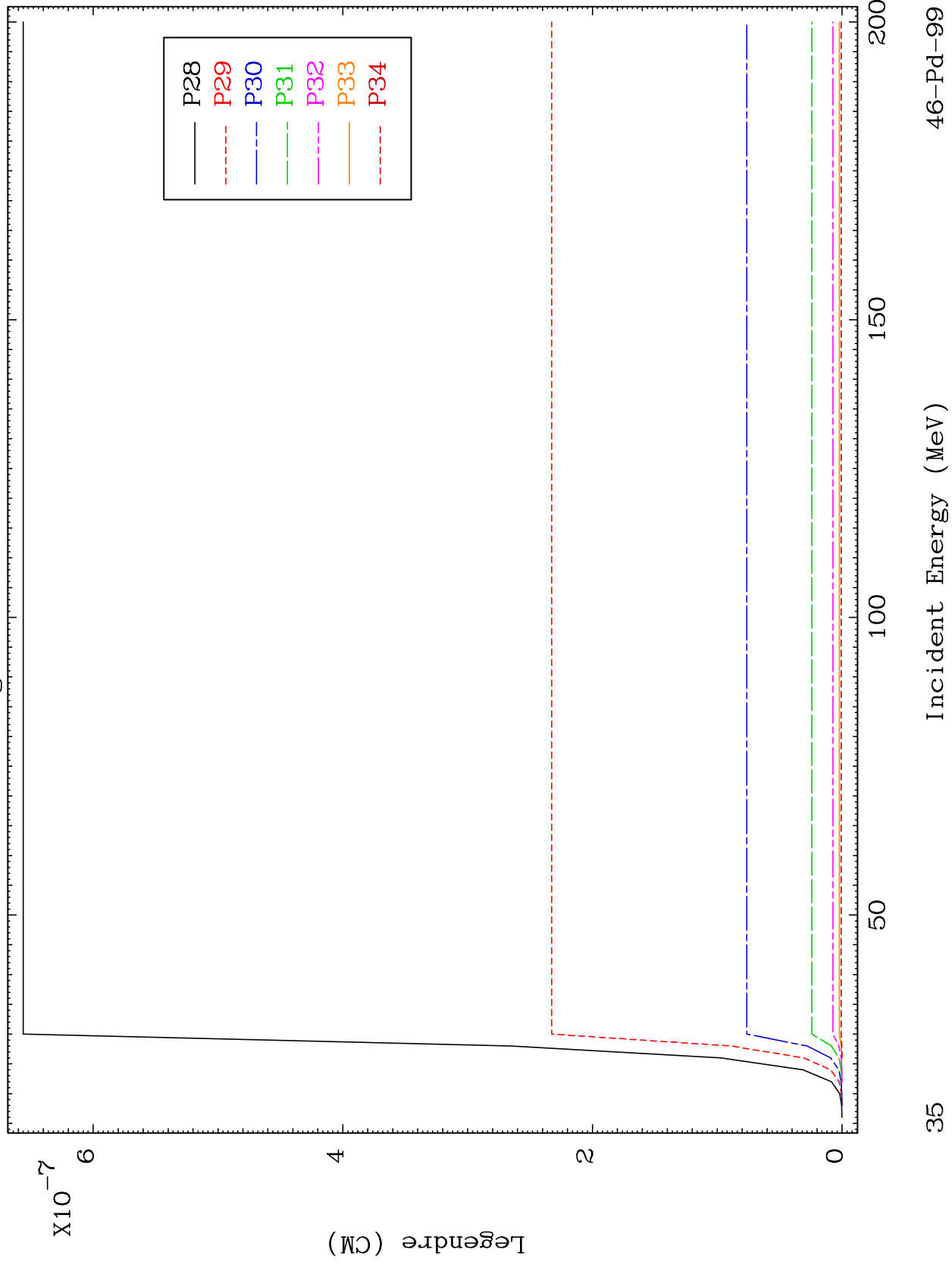
46-Pd-99



MAT 4616

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

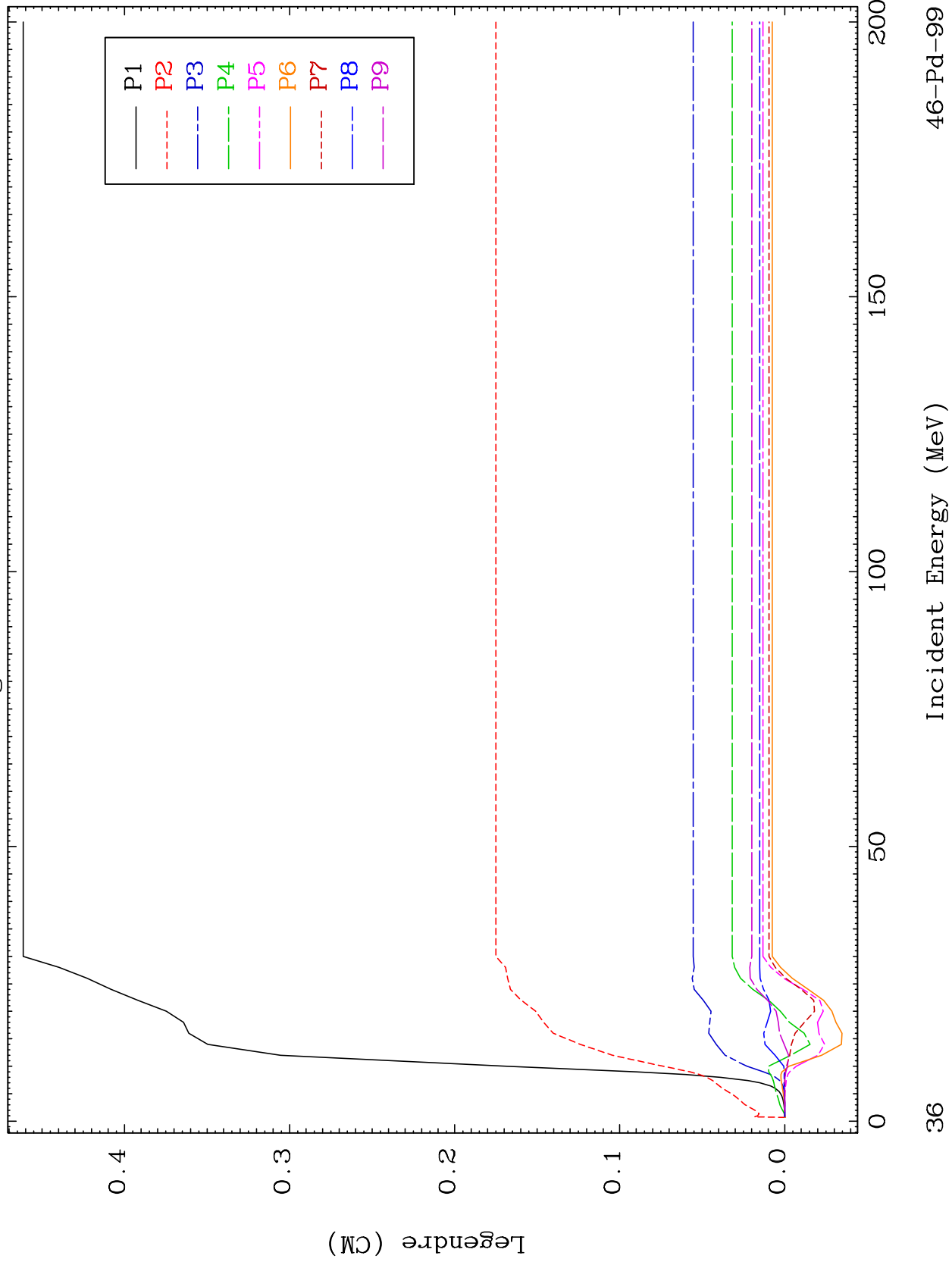
46-Pd-99

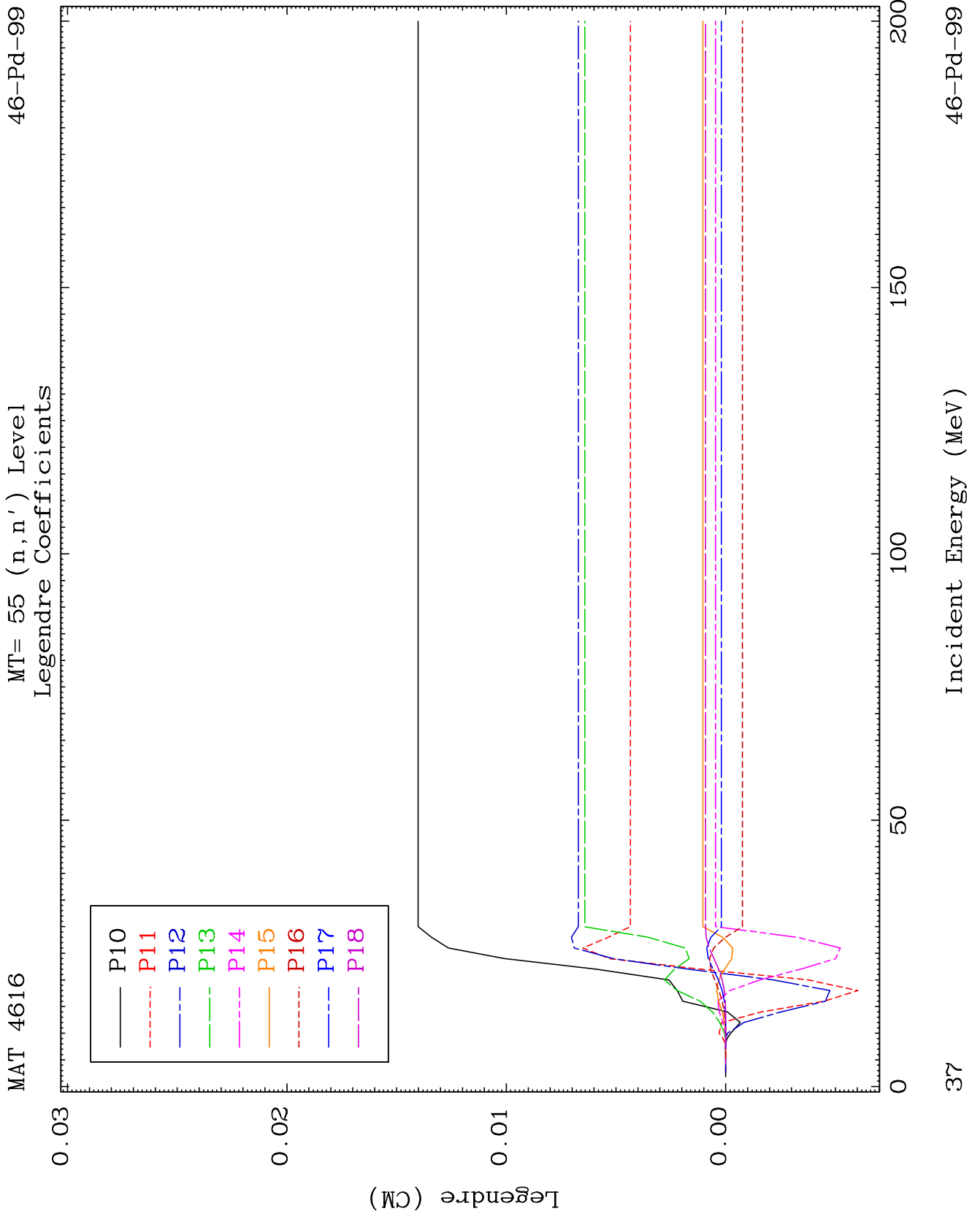


MAT 4616

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

46-Pd-99

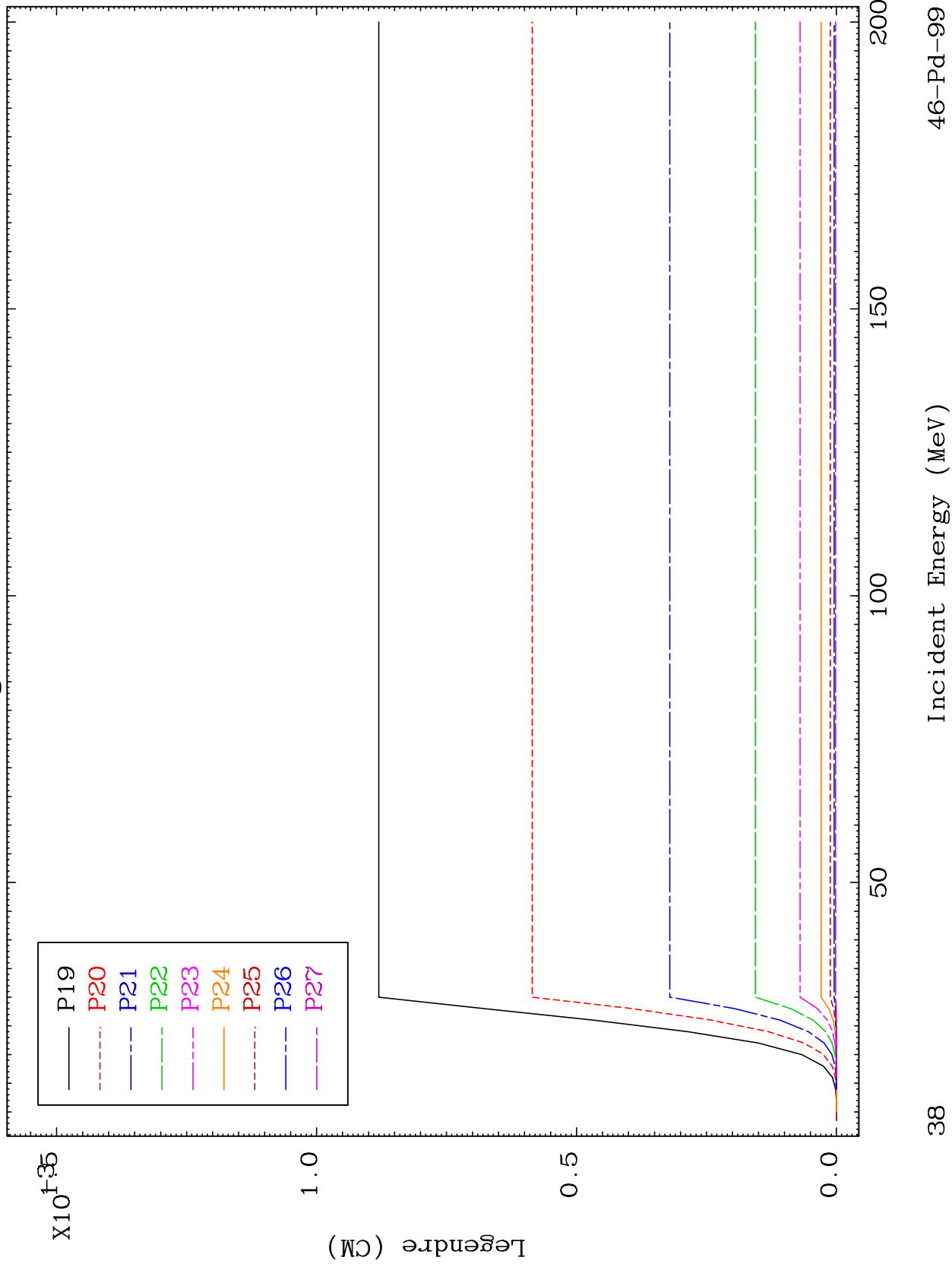




MAT 4616

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

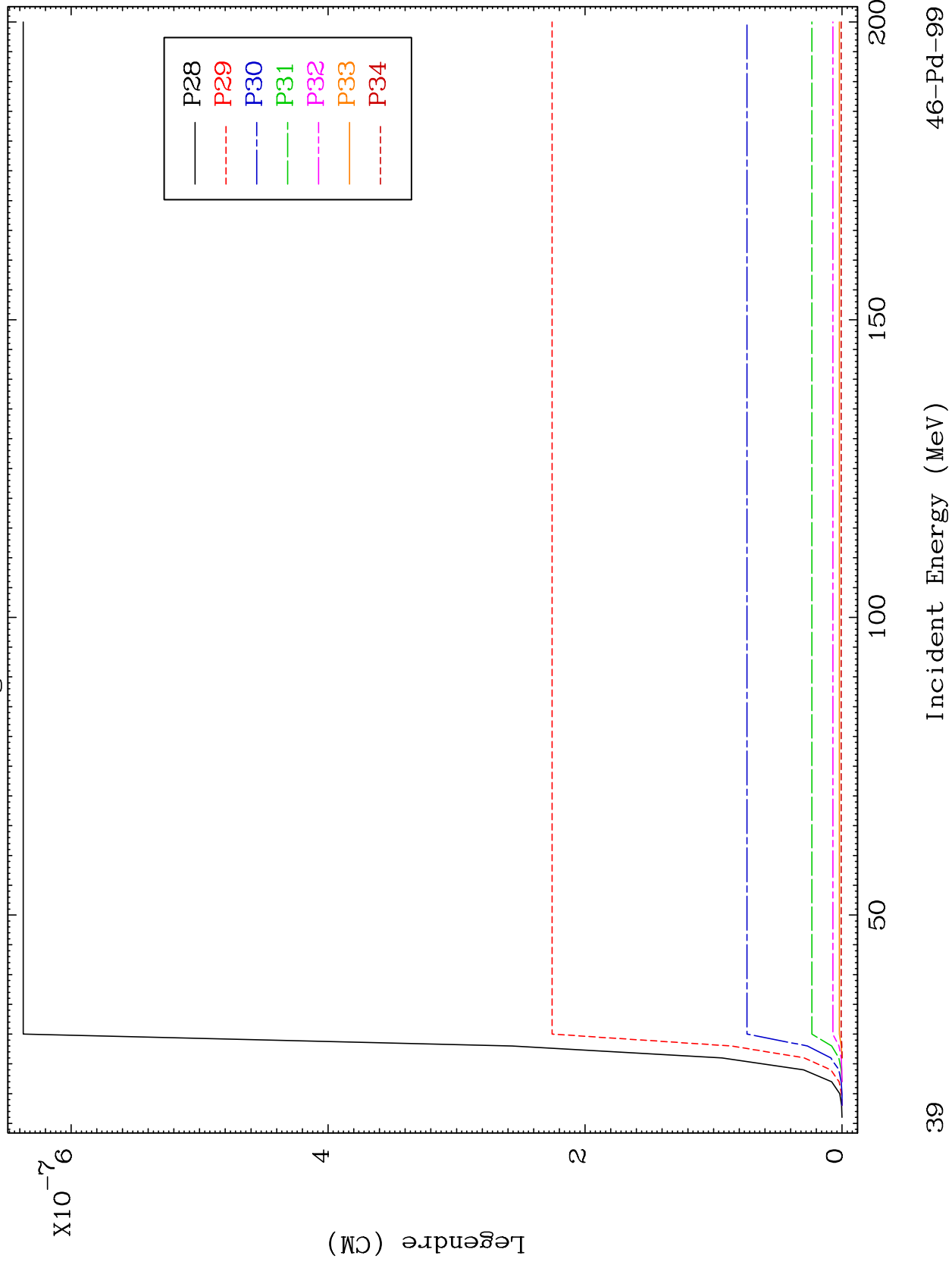
46-Pd-99



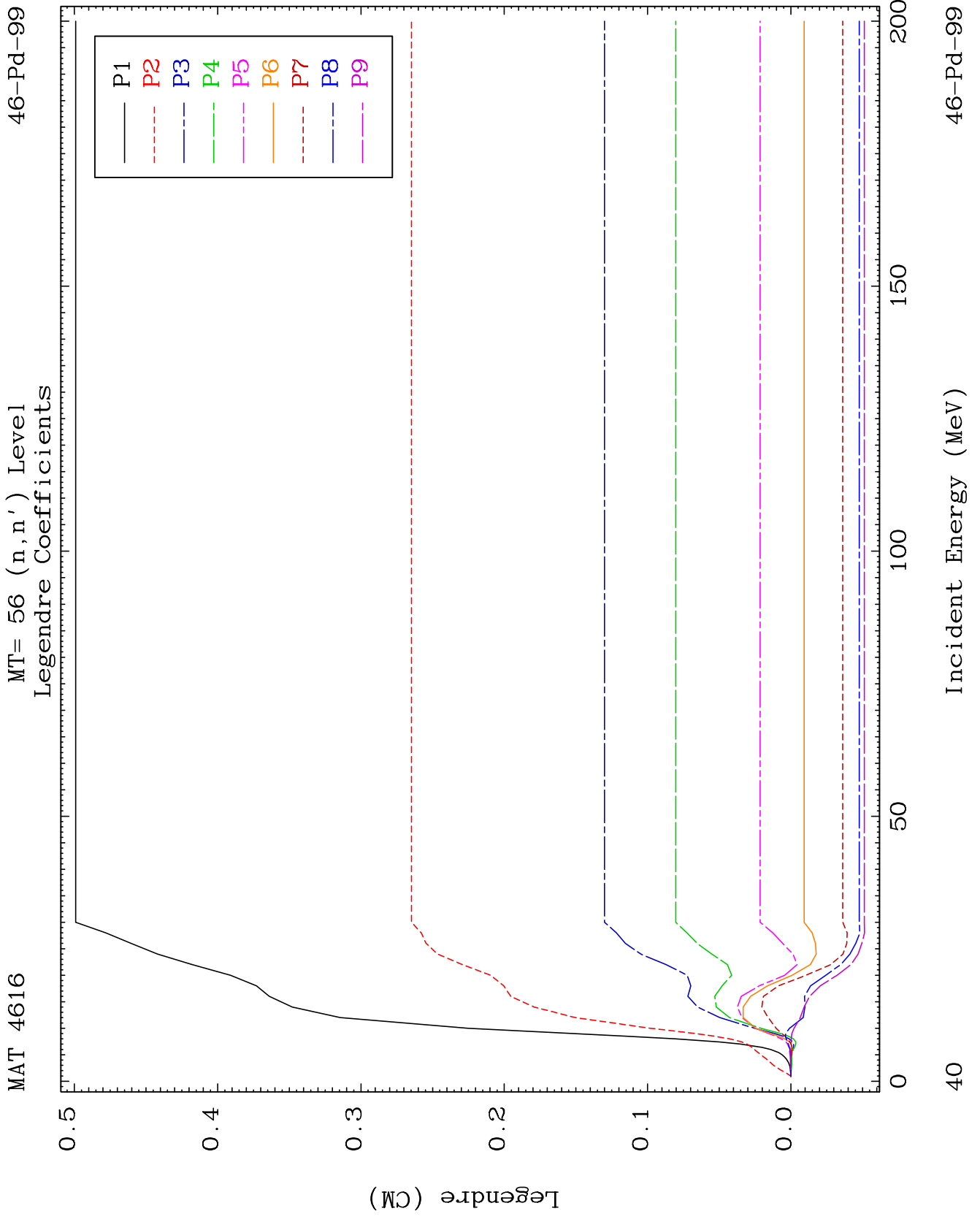
MAT 4616

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

46-Pd-99



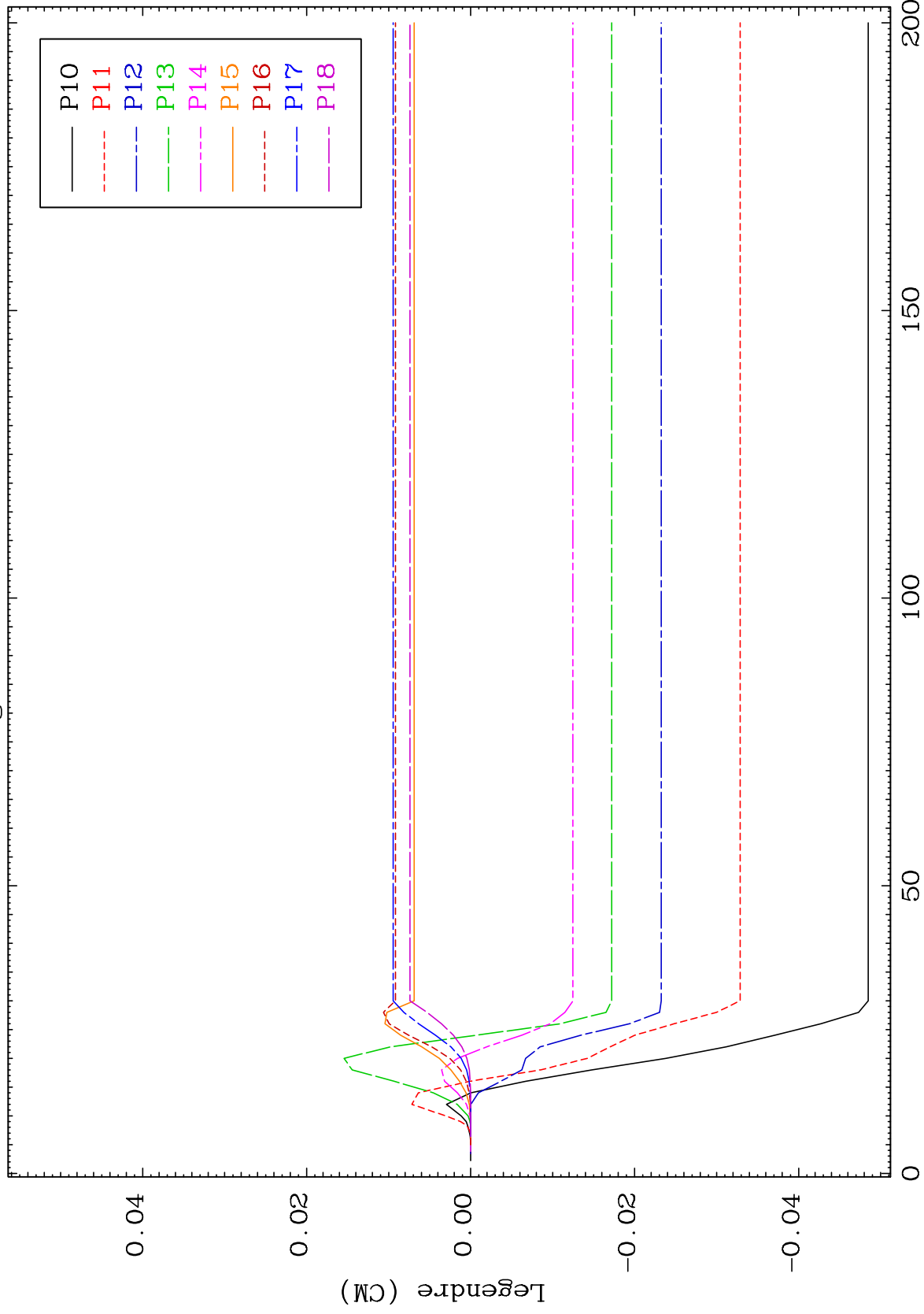
39



MAT 4616

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

46-Pd-99



41

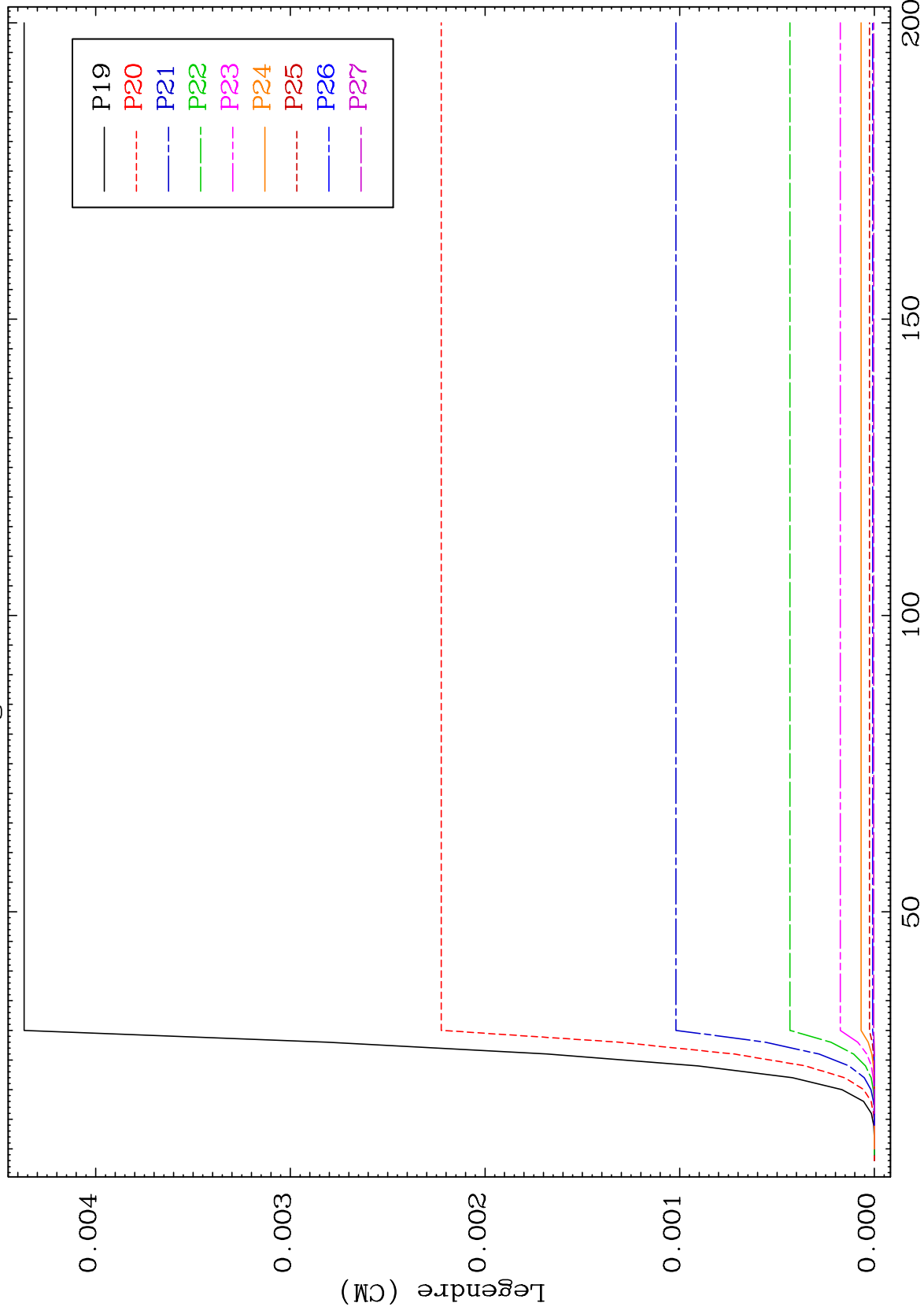
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

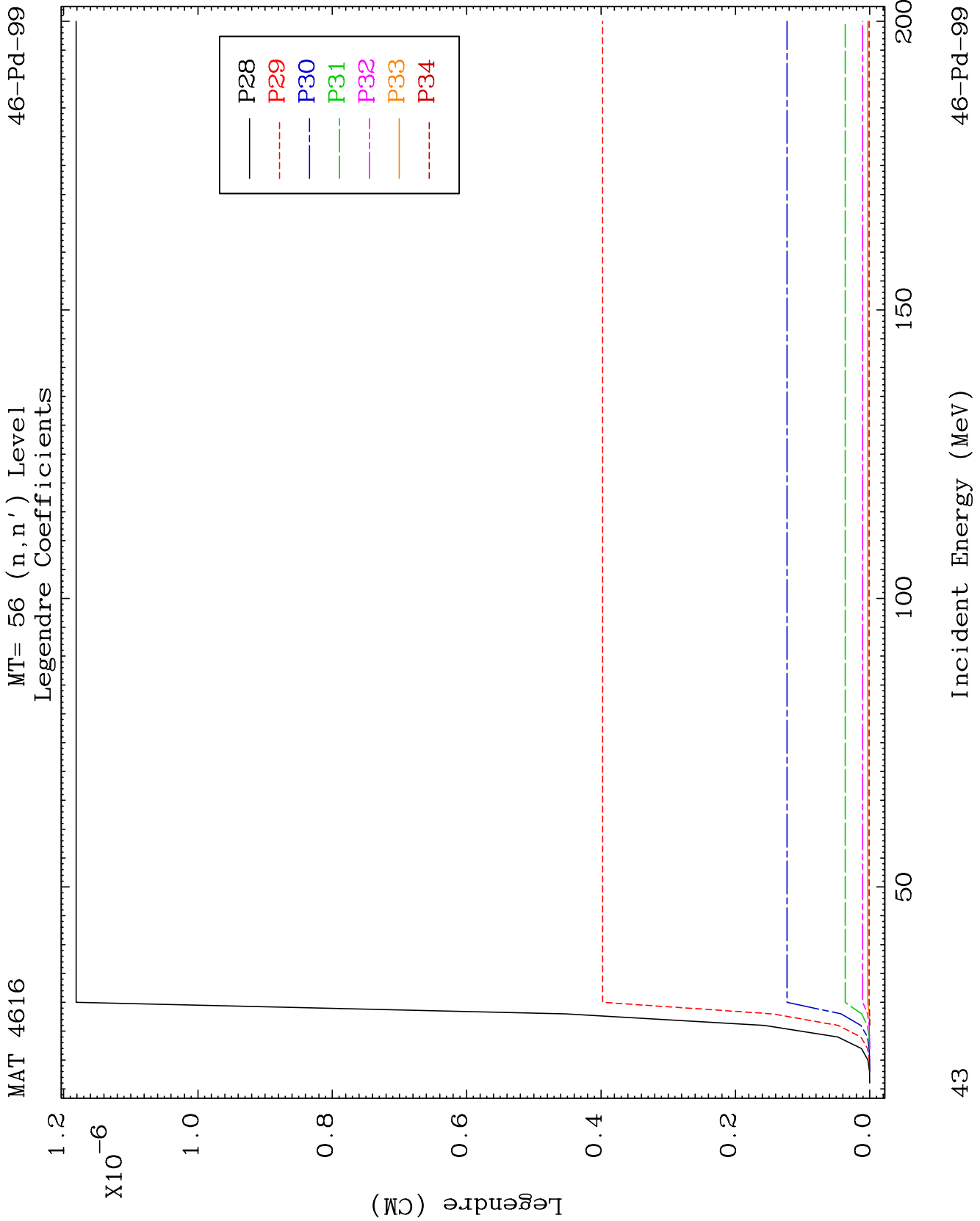
46-Pd-99

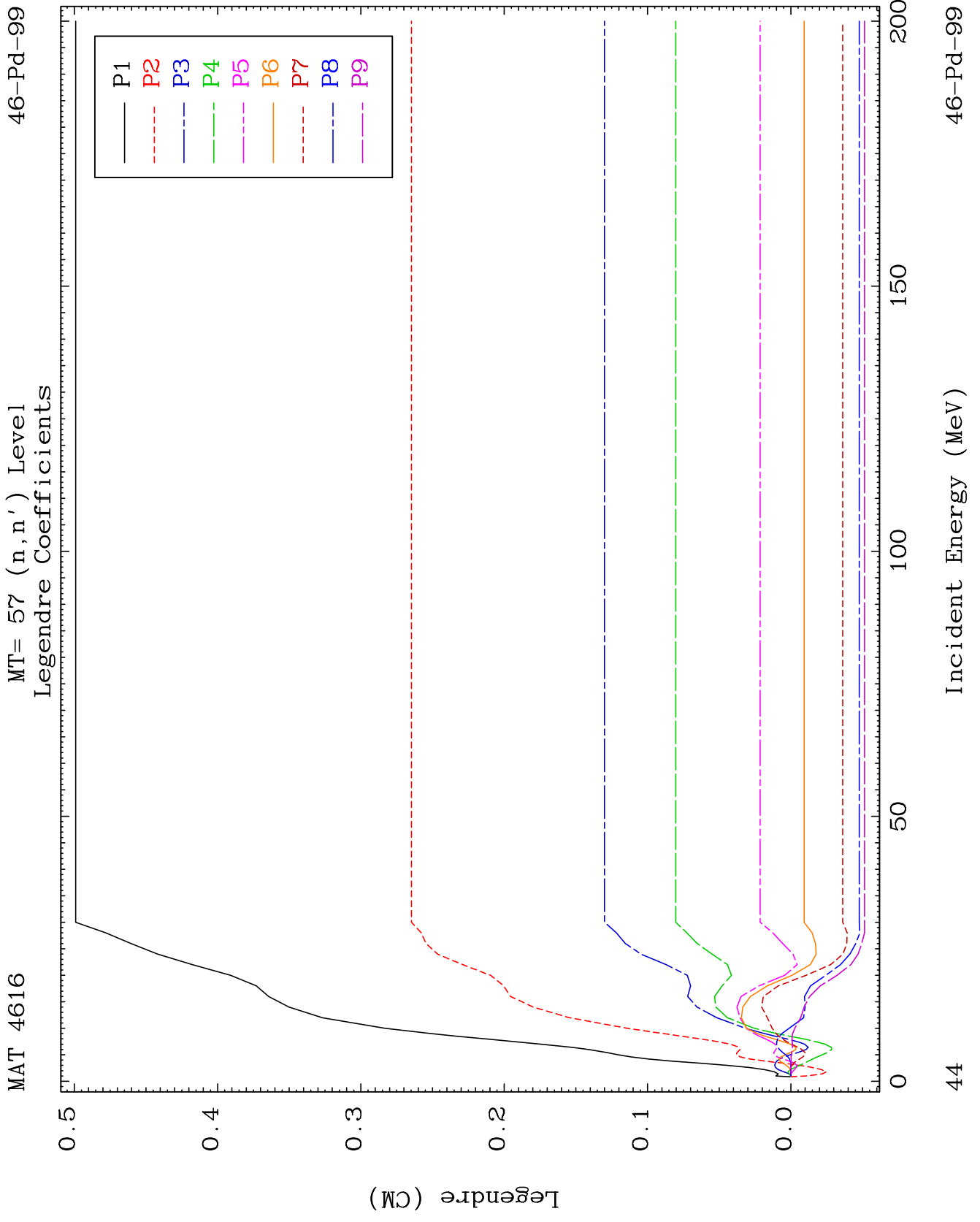


42

Incident Energy (MeV)

46-Pd-99

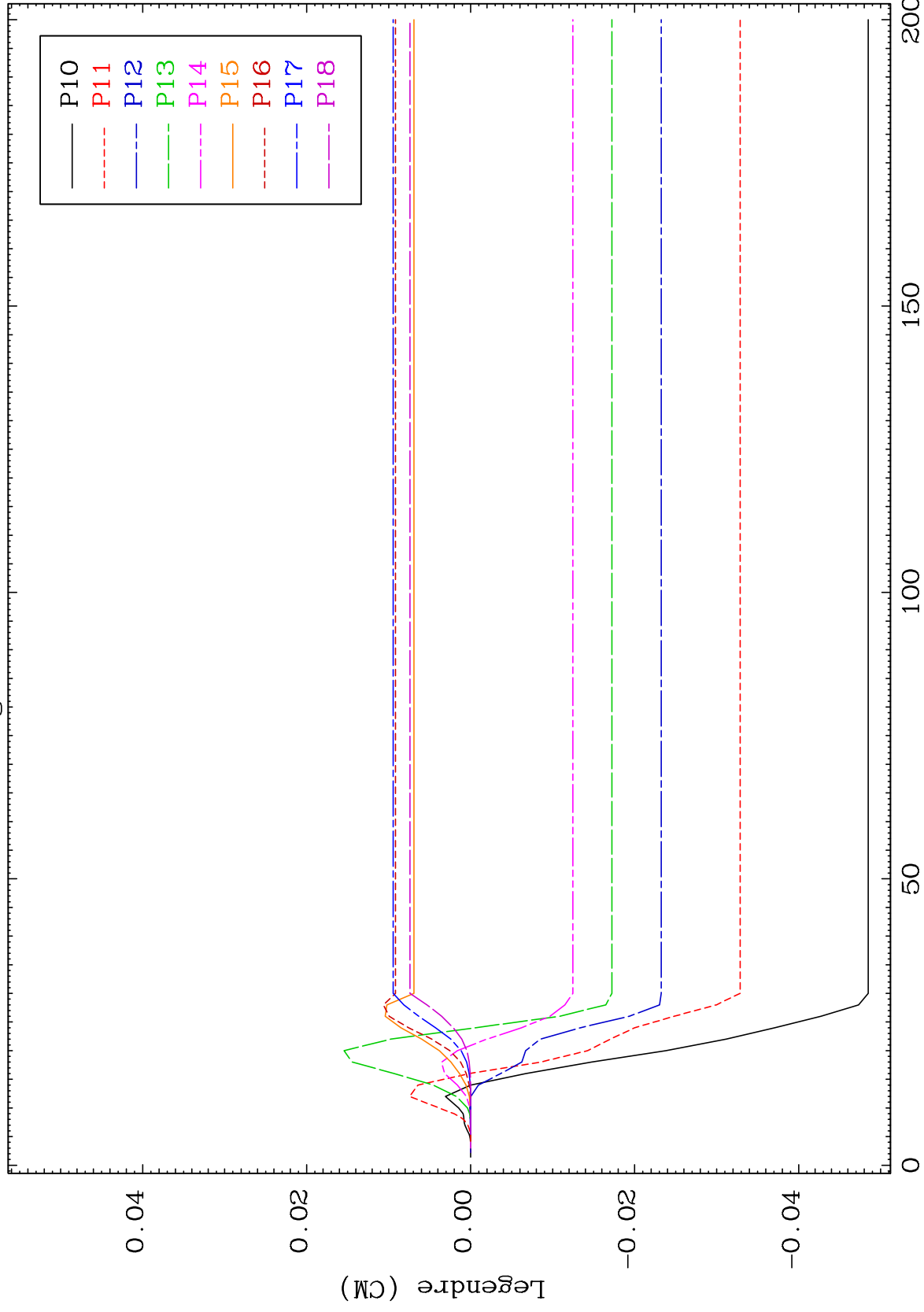




MAT 4616

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

46-Pd-99



45

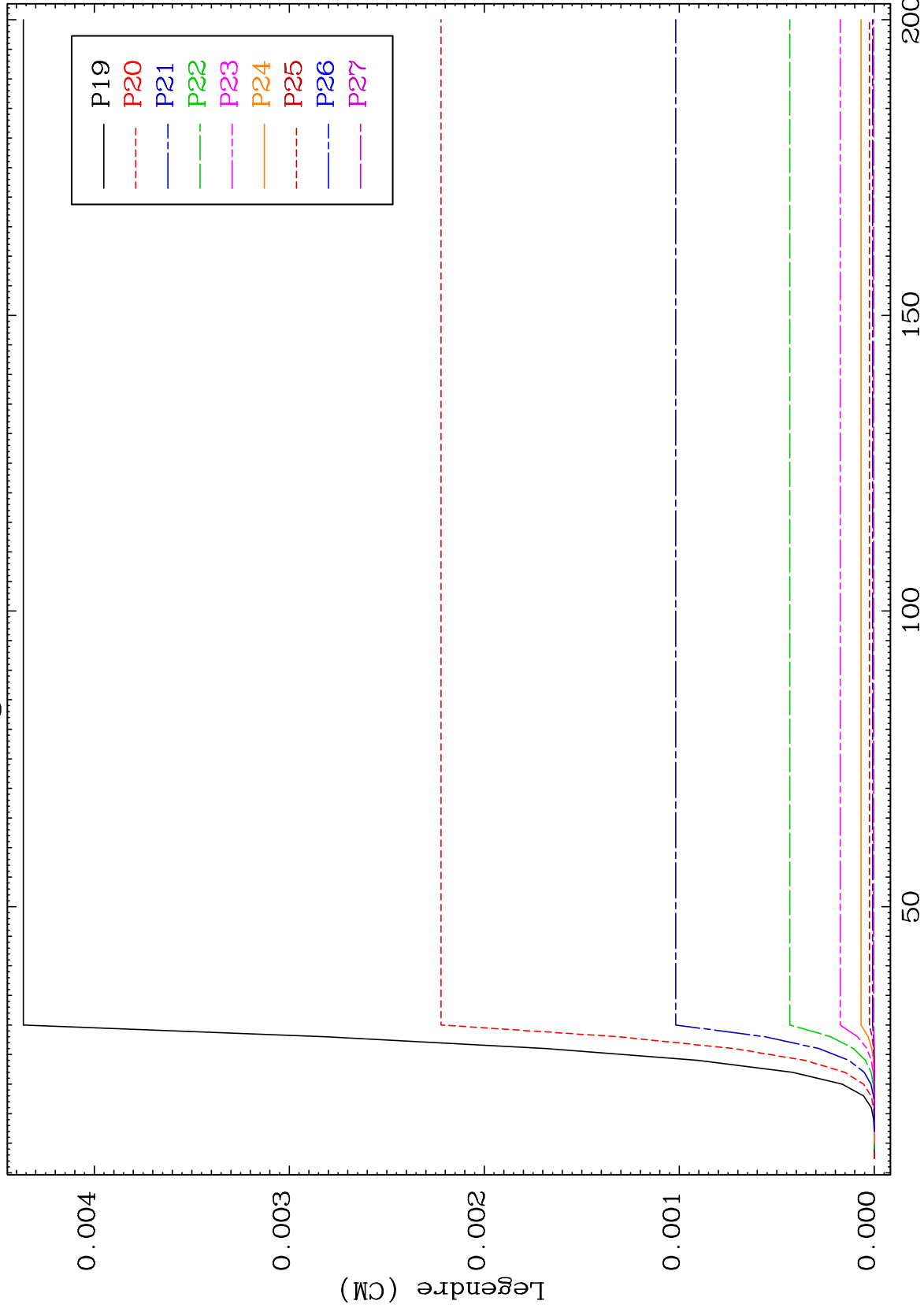
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

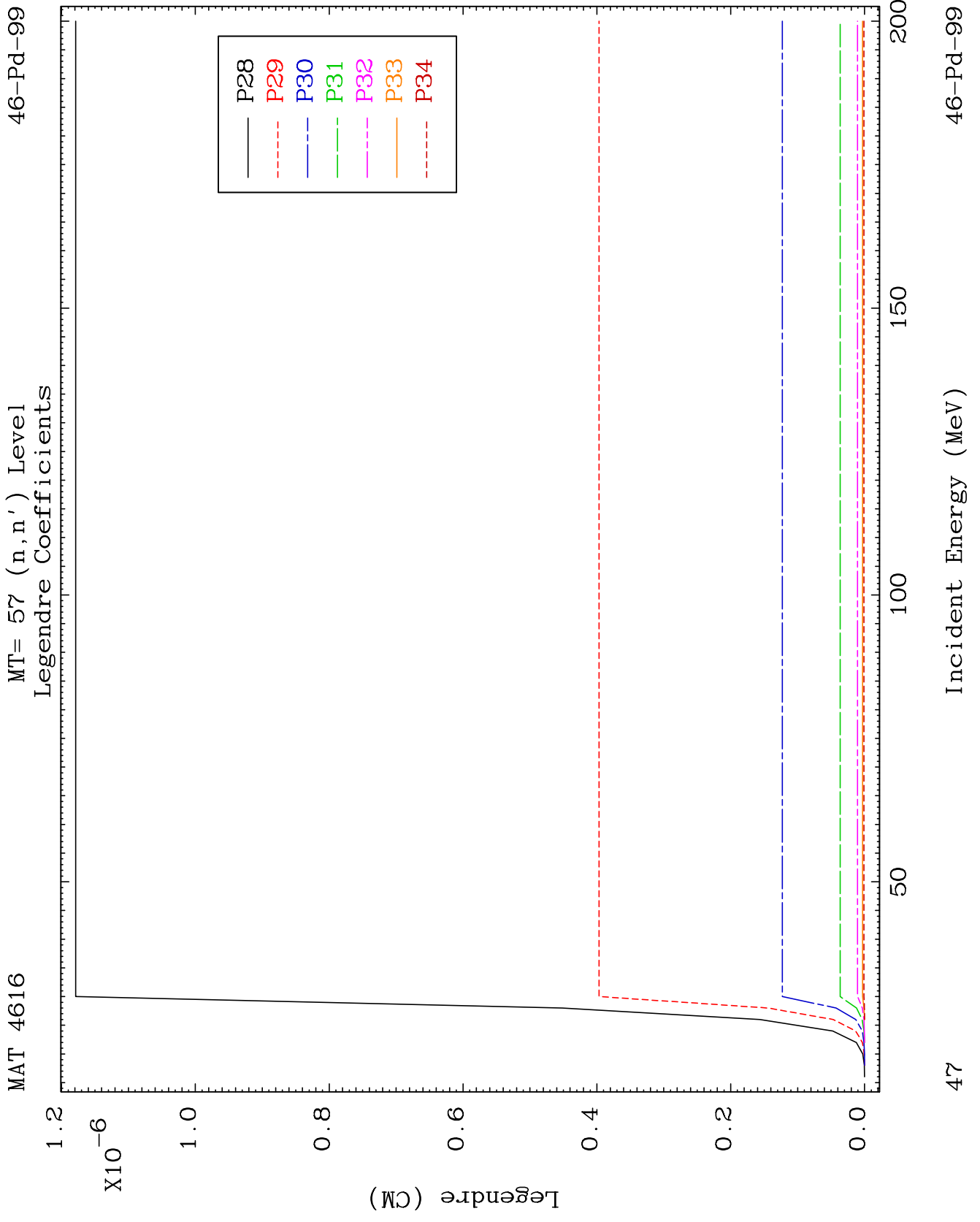
46-Pd-99

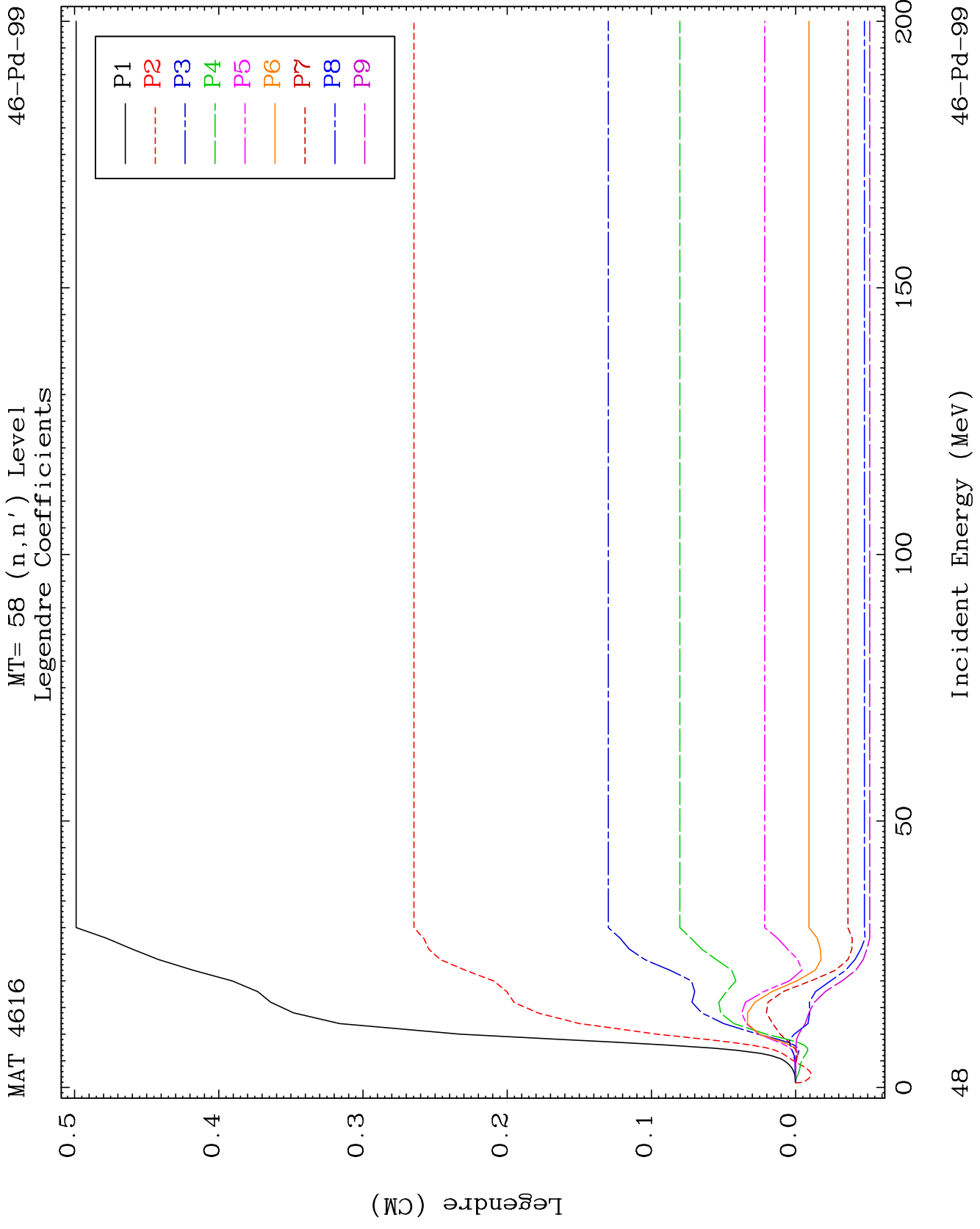


46

Incident Energy (MeV)

46-Pd-99

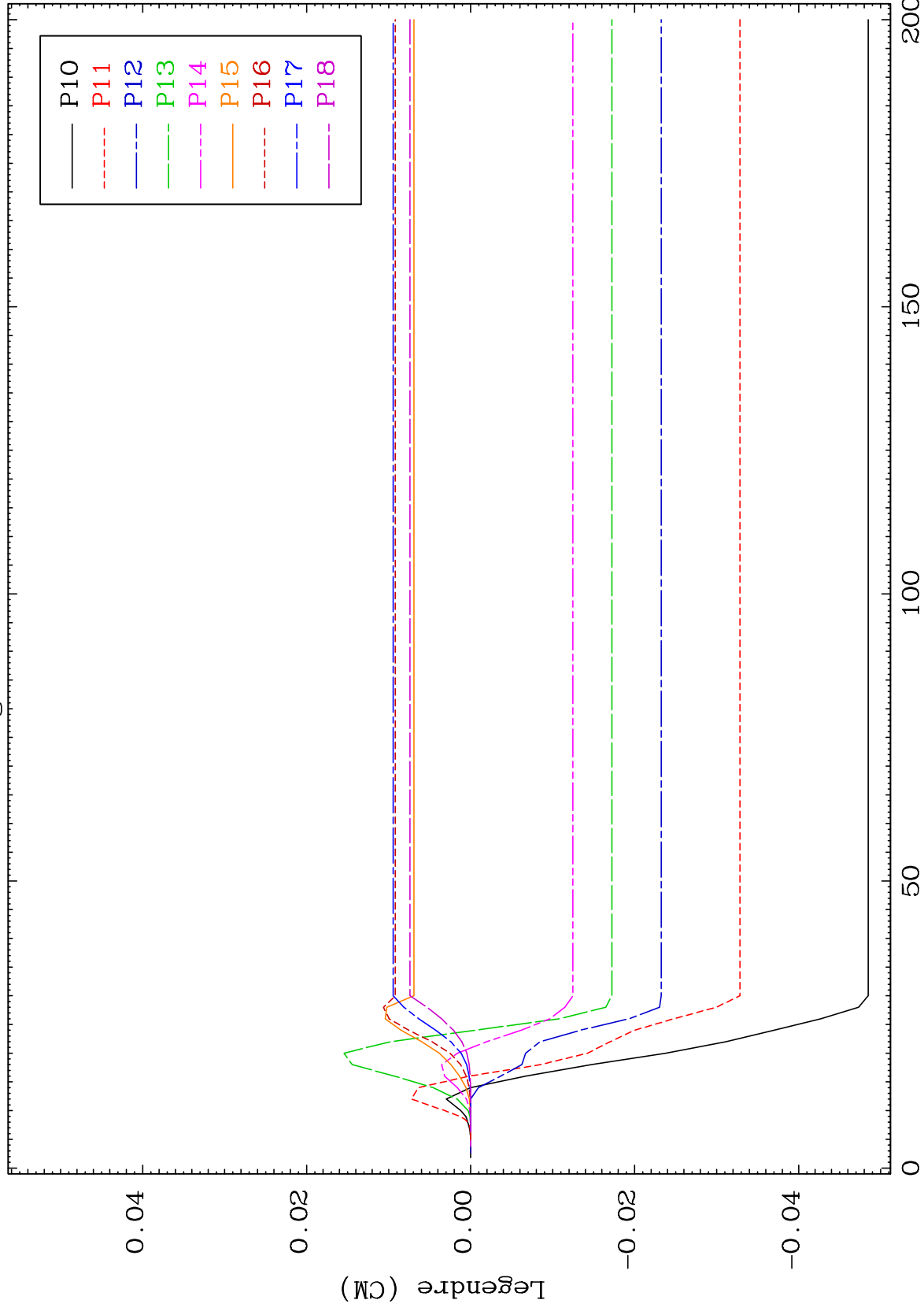




MAT 4616

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

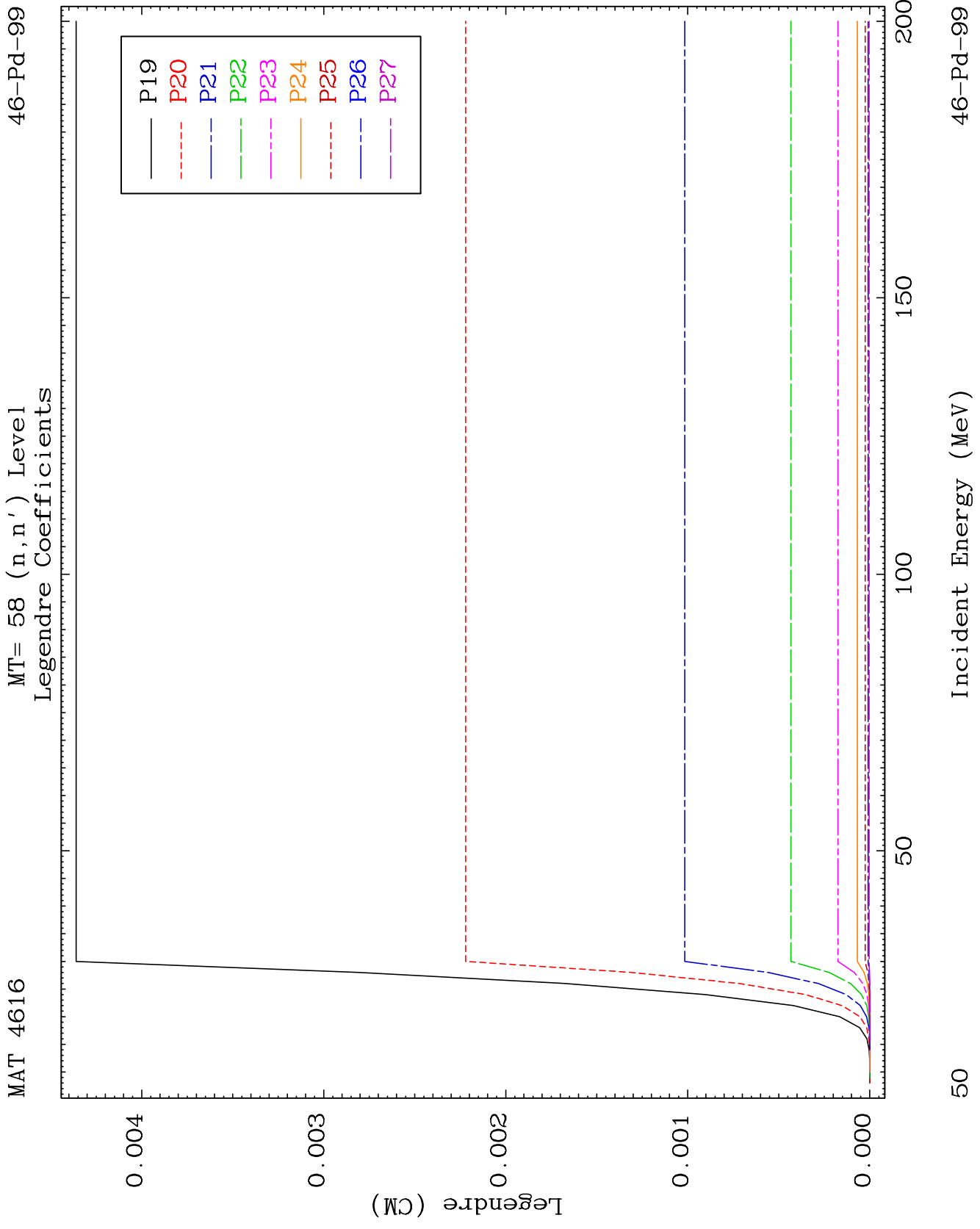
46-Pd-99



49

Incident Energy (MeV)

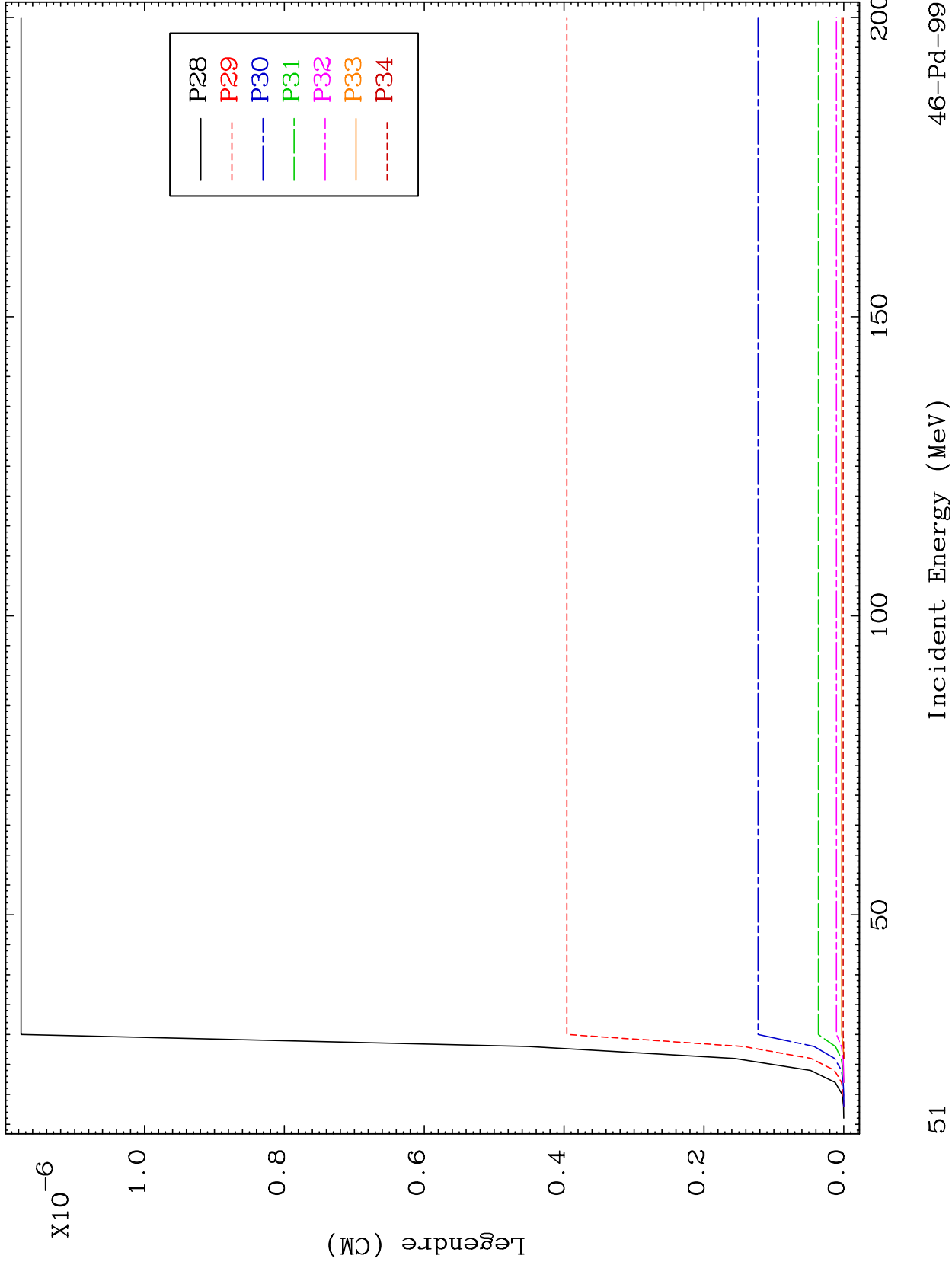
46-Pd-99



MAT 4616

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

46-Pd-99



51

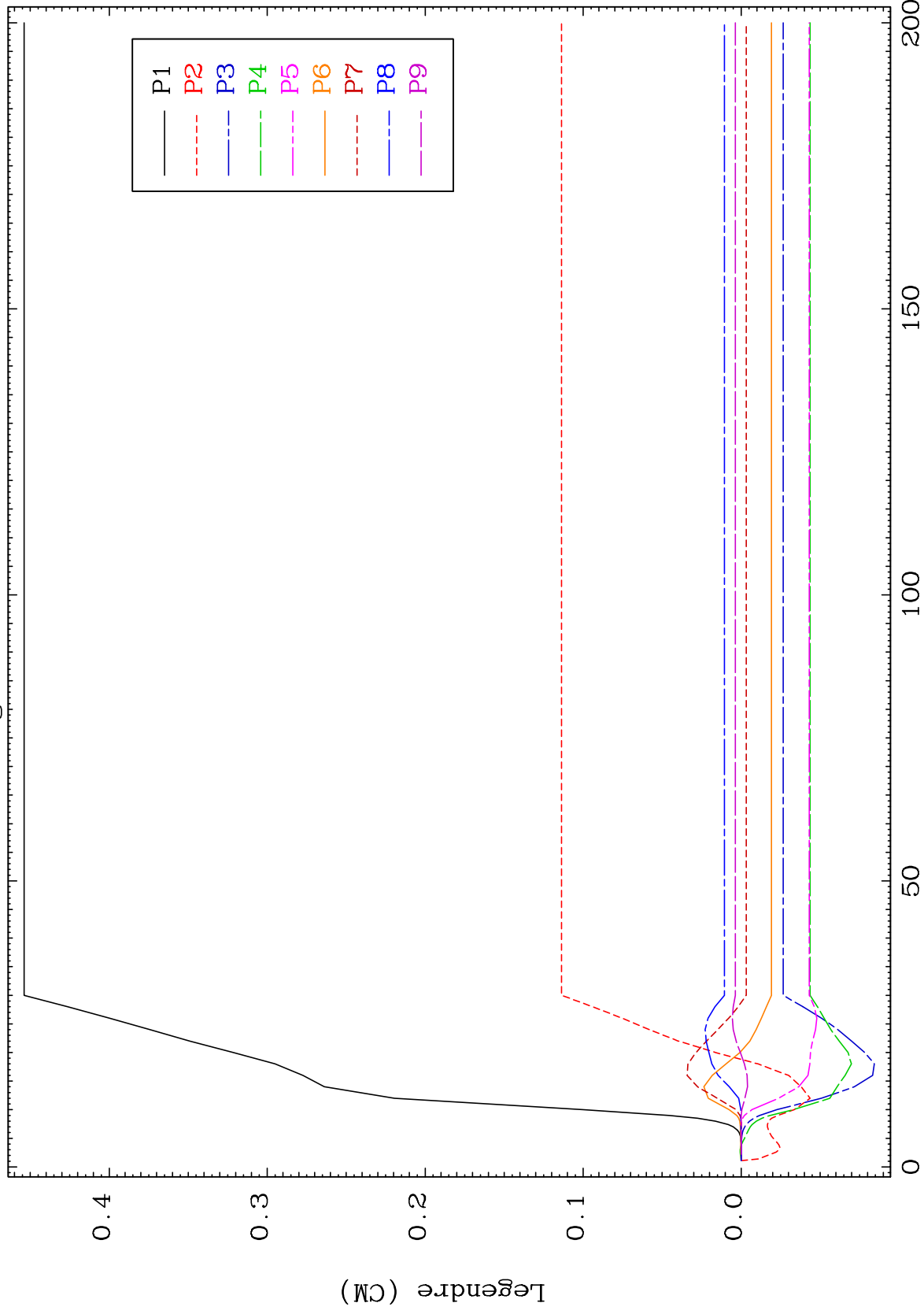
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



52

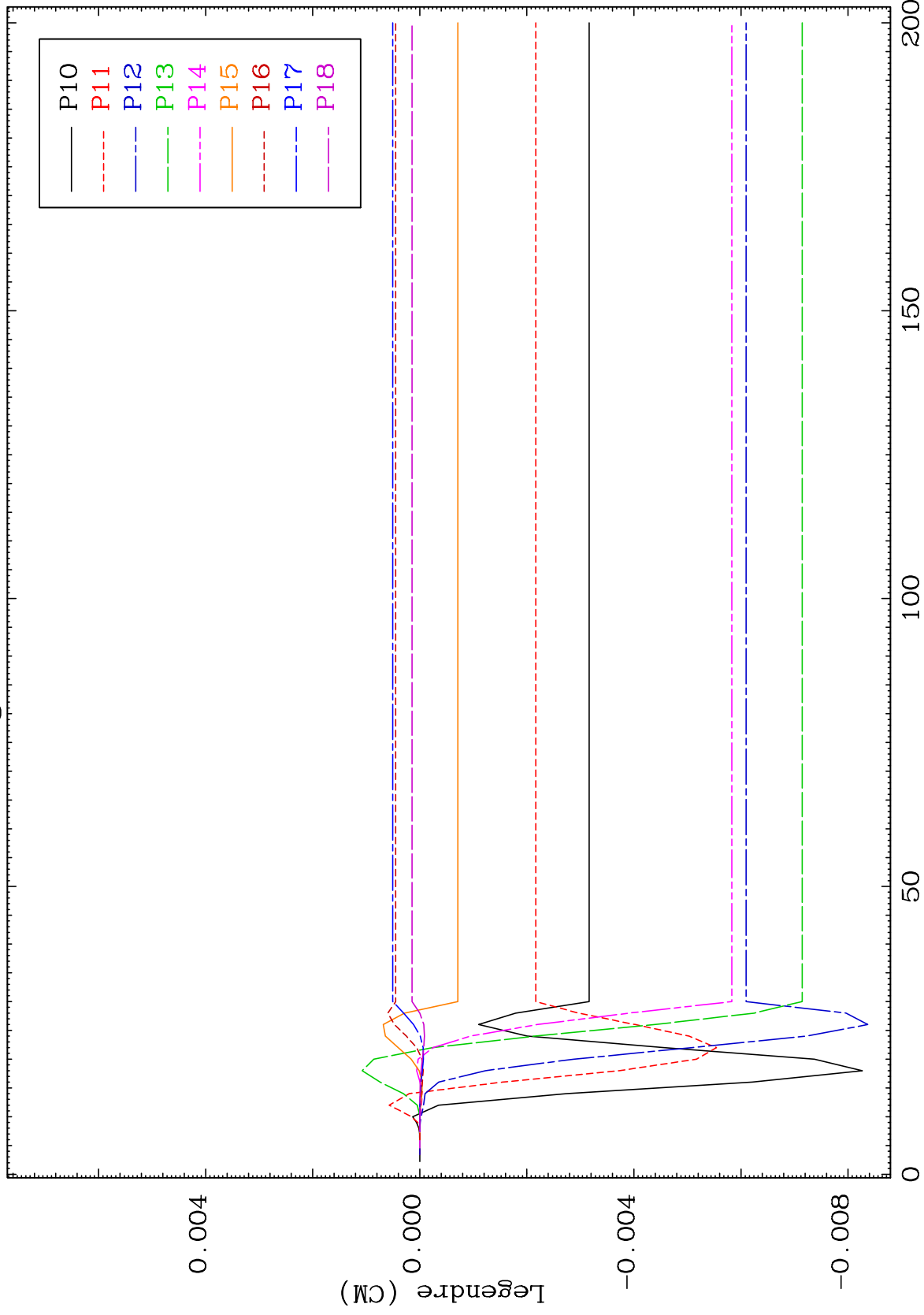
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



53

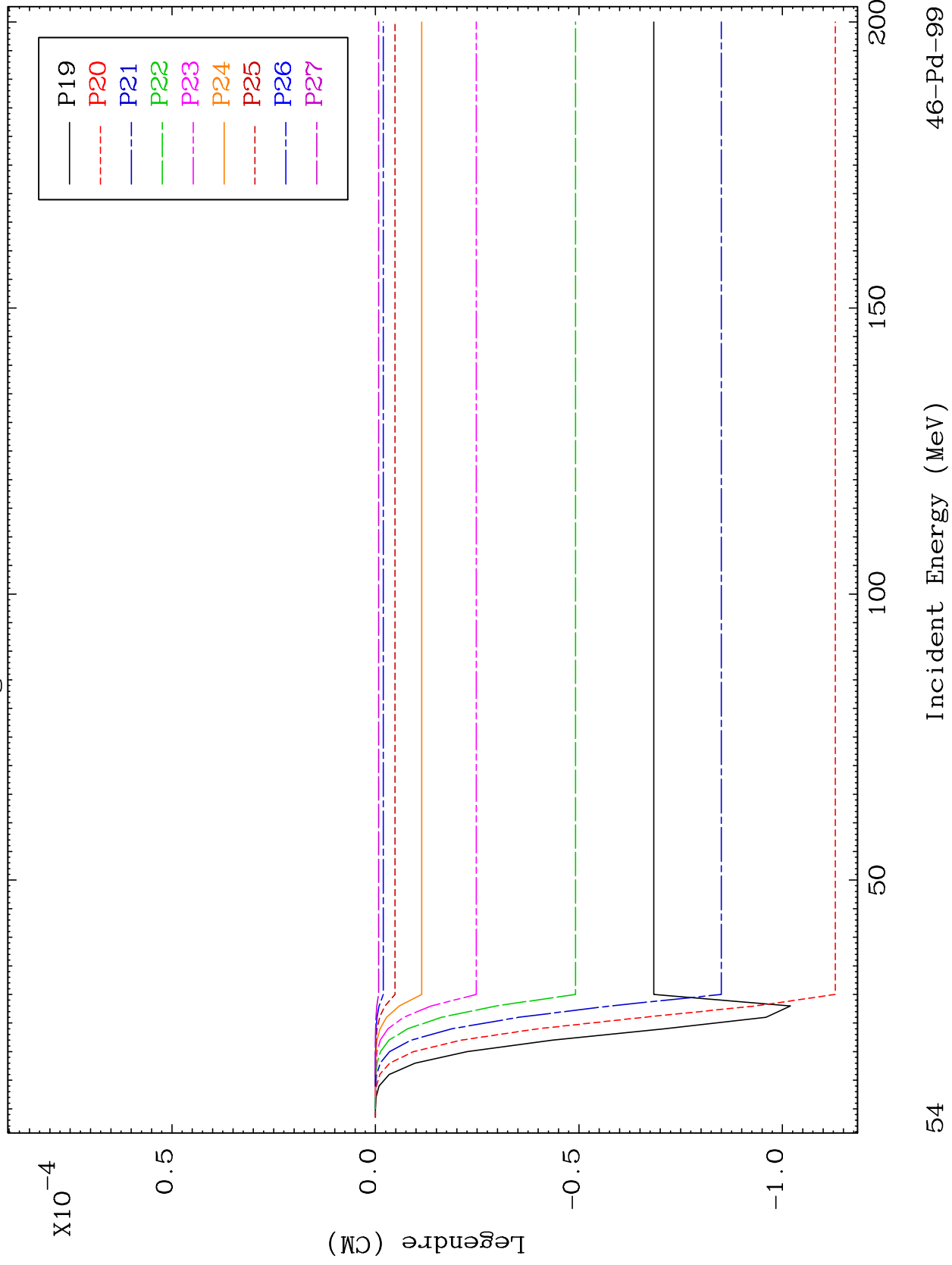
Incident Energy (MeV)

46-Pd-99

MAT 4616

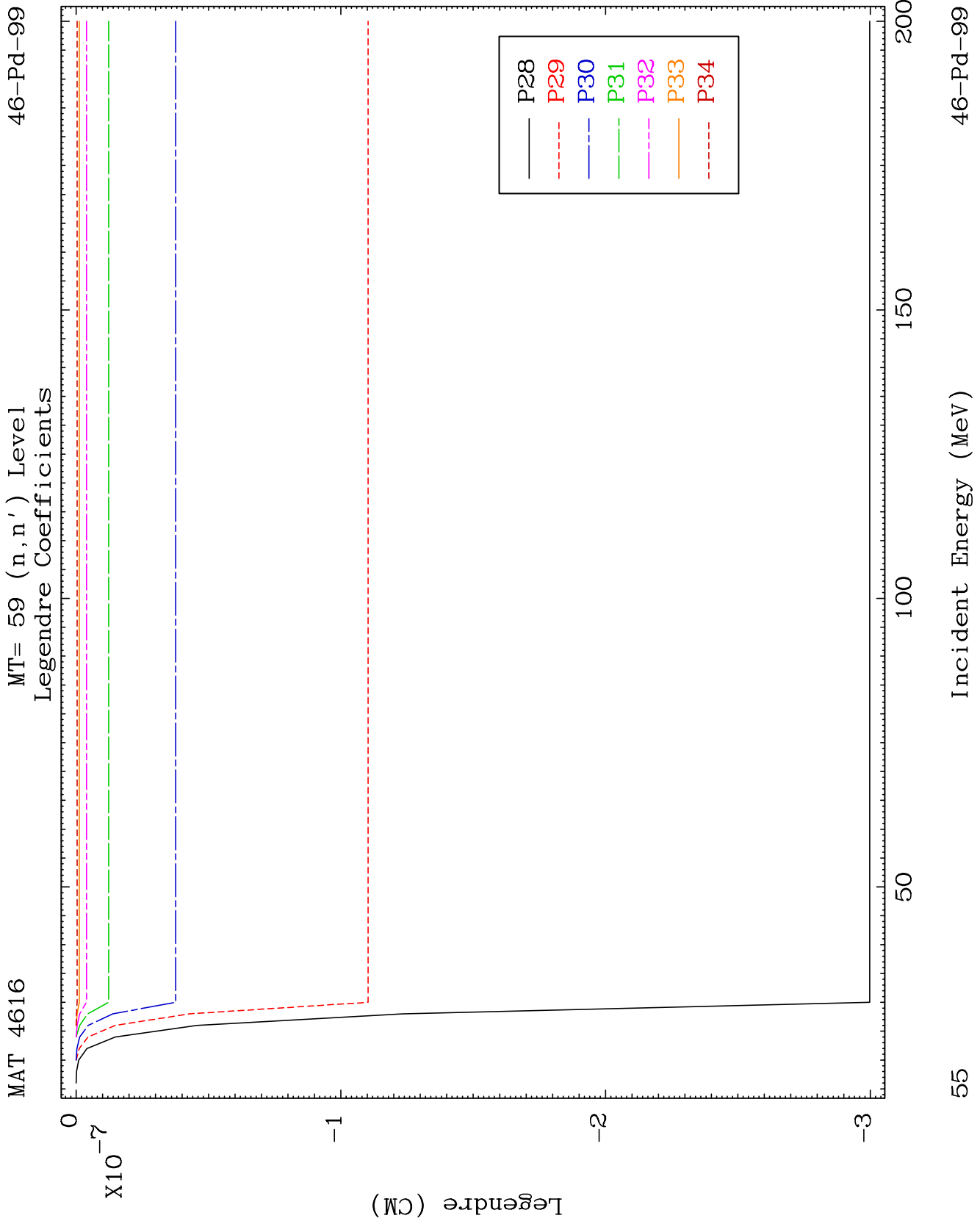
MT= 59 (n,n') Level
Legendre Coefficients

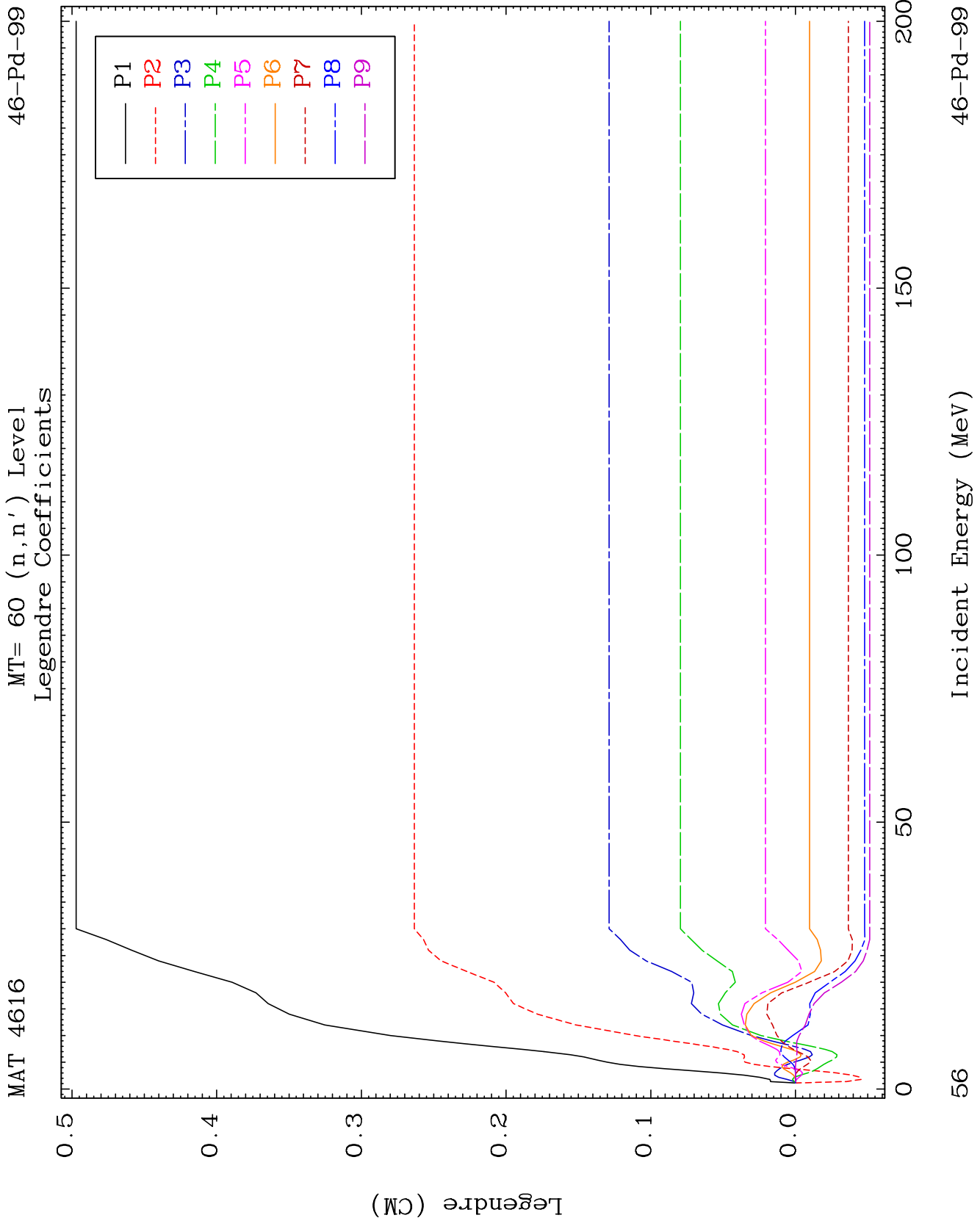
46-Pd-99



54

46-Pd-99

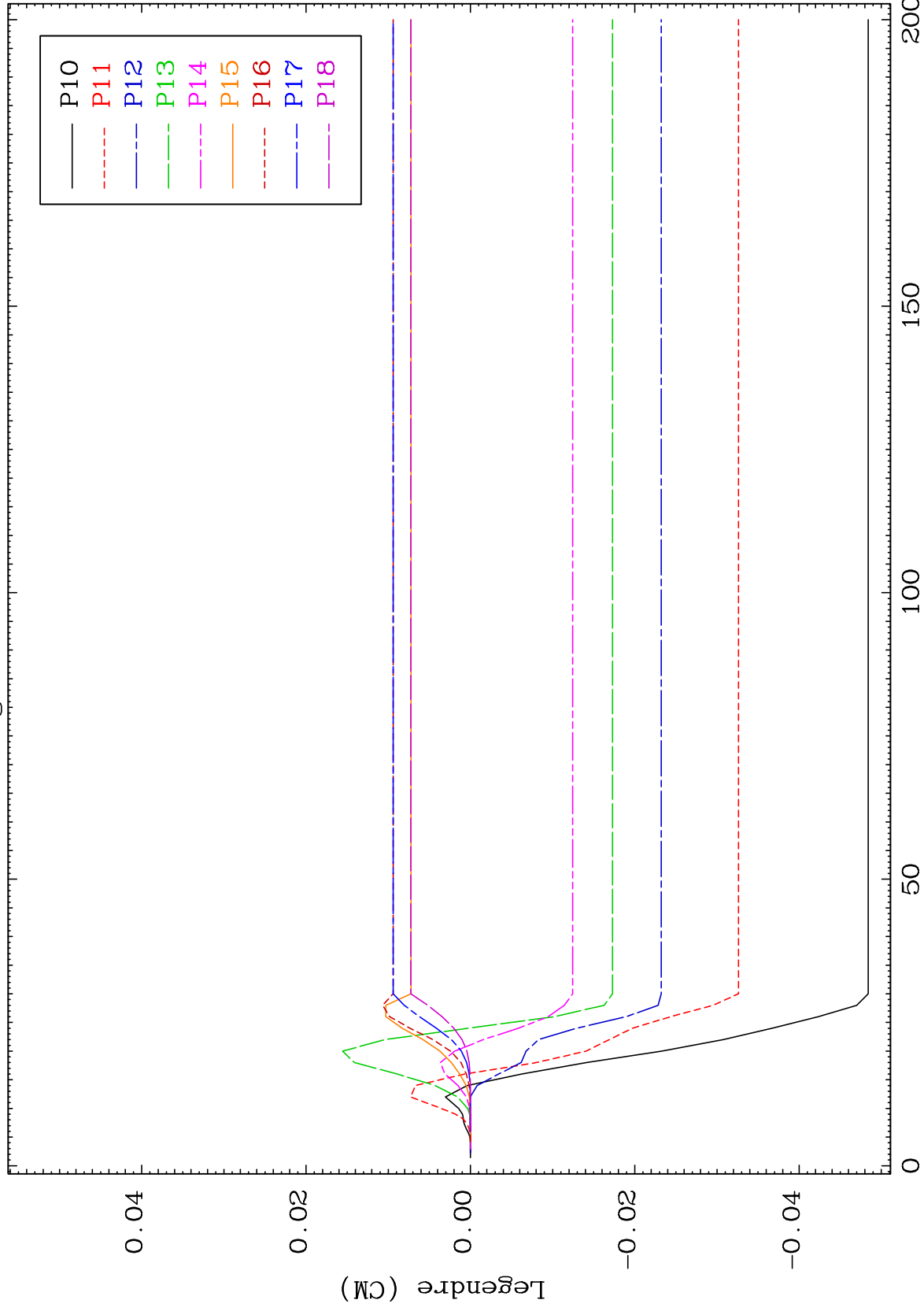




MAT 4616

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

46-Pd-99



57

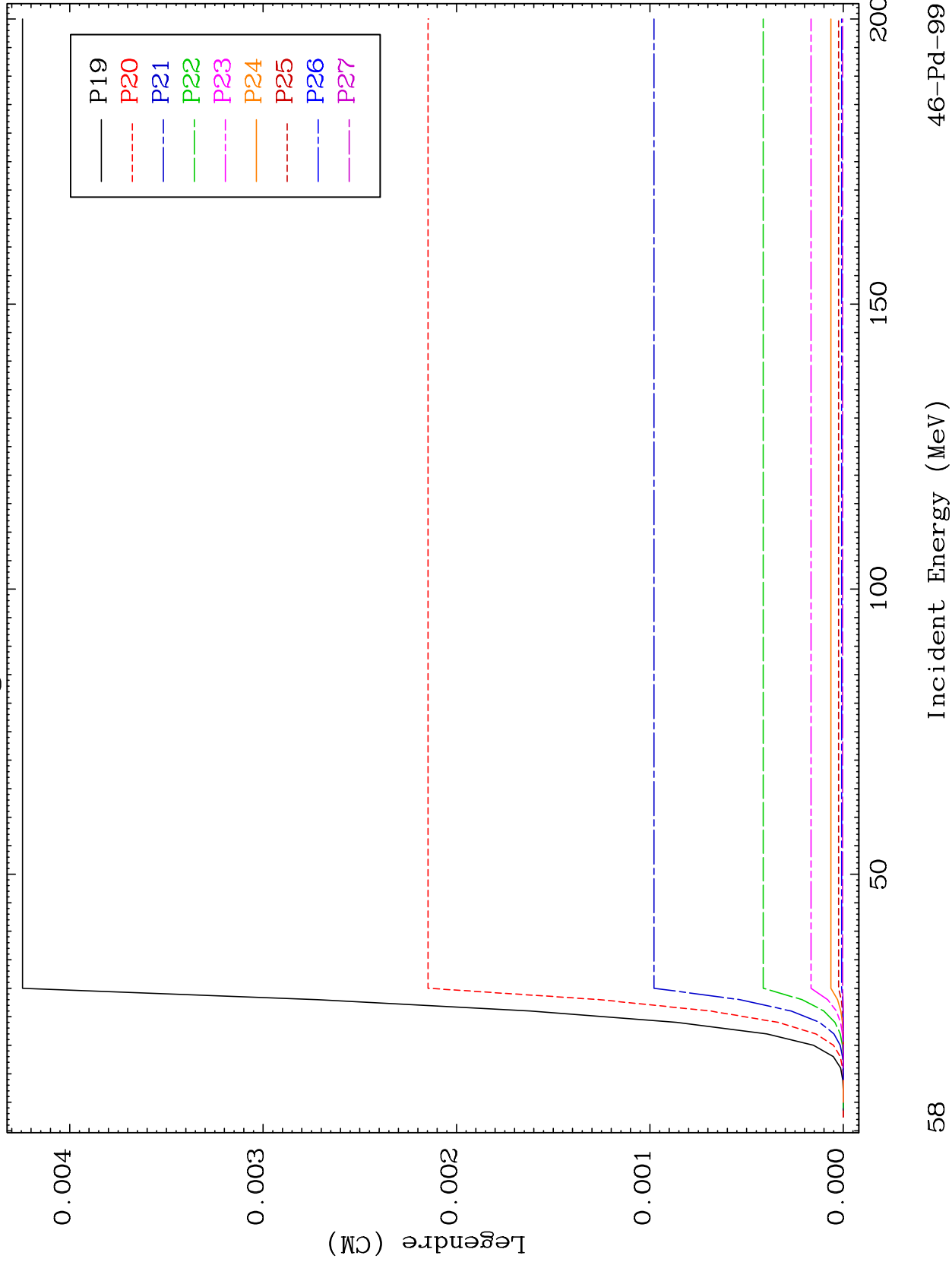
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



58

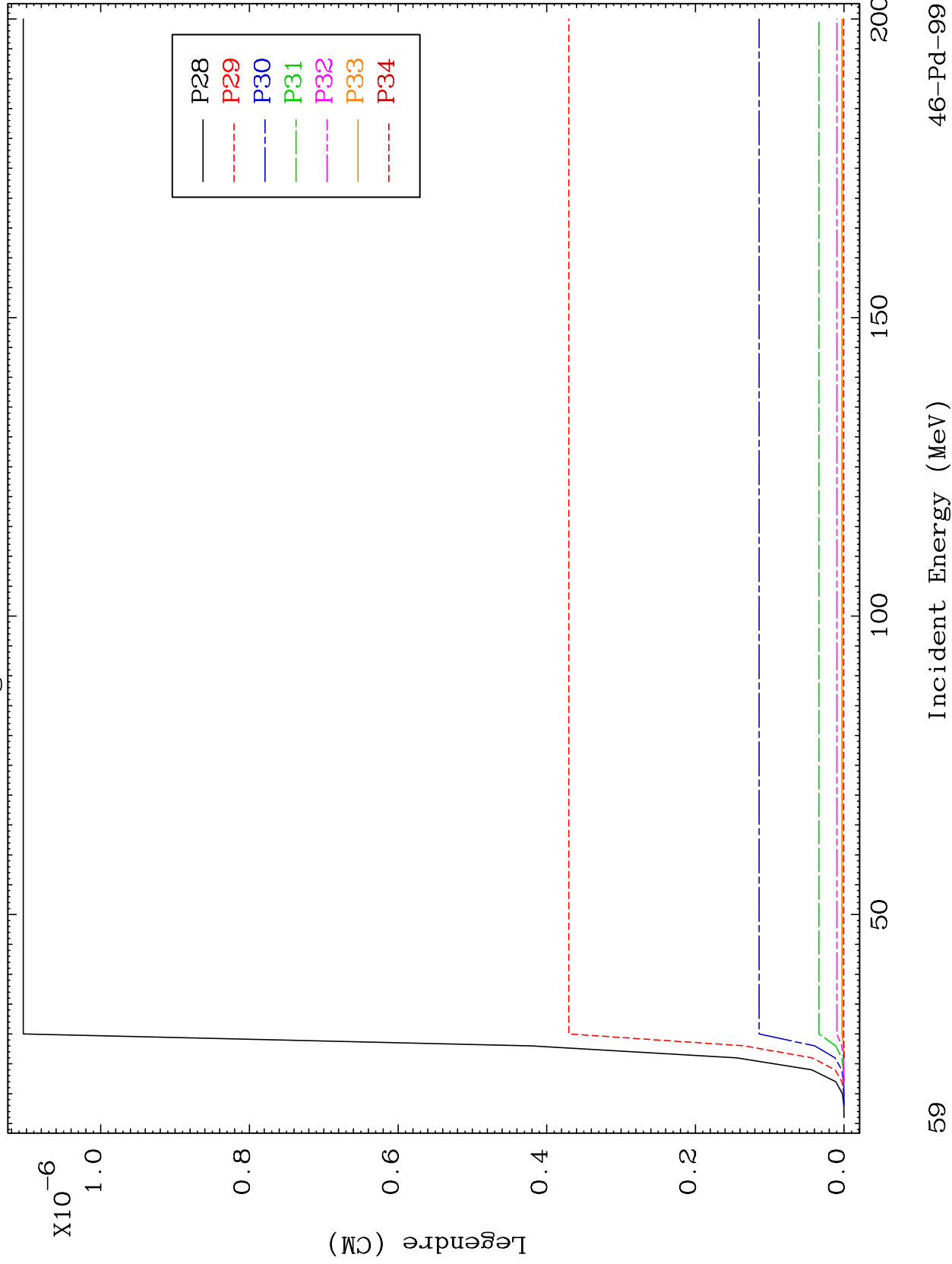
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

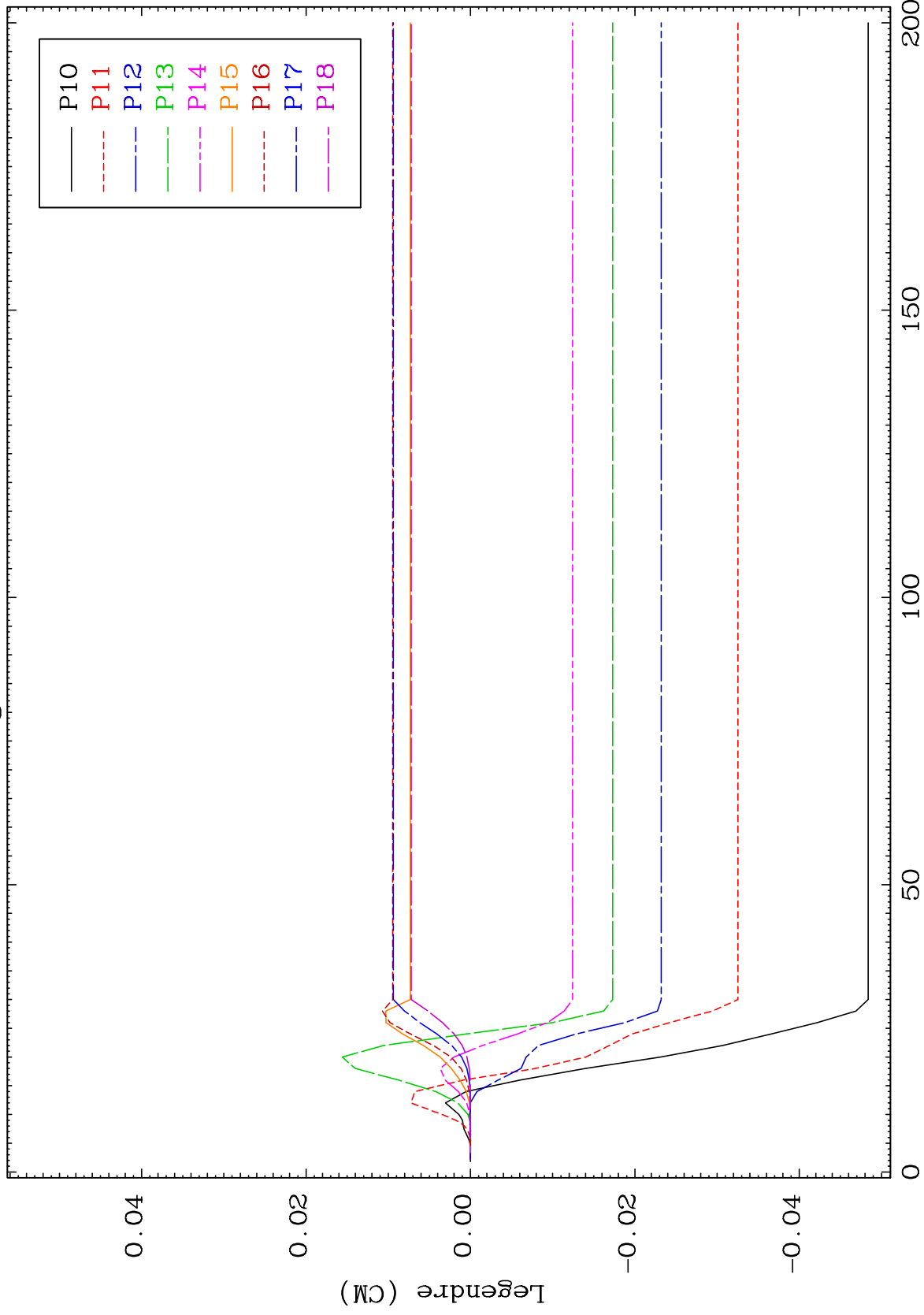
46-Pd-99



MAT 4616

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

46-Pd-99



61

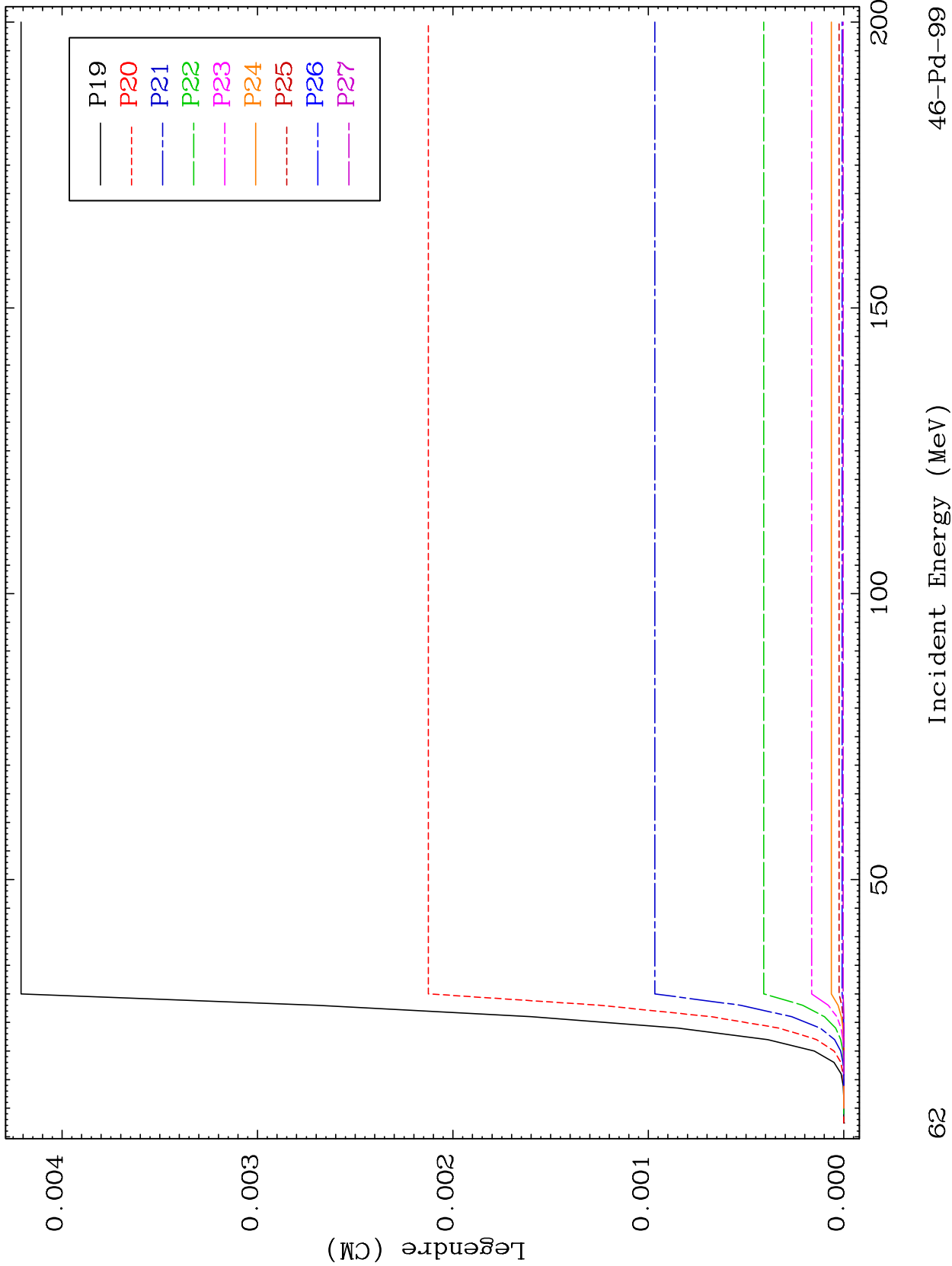
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



62

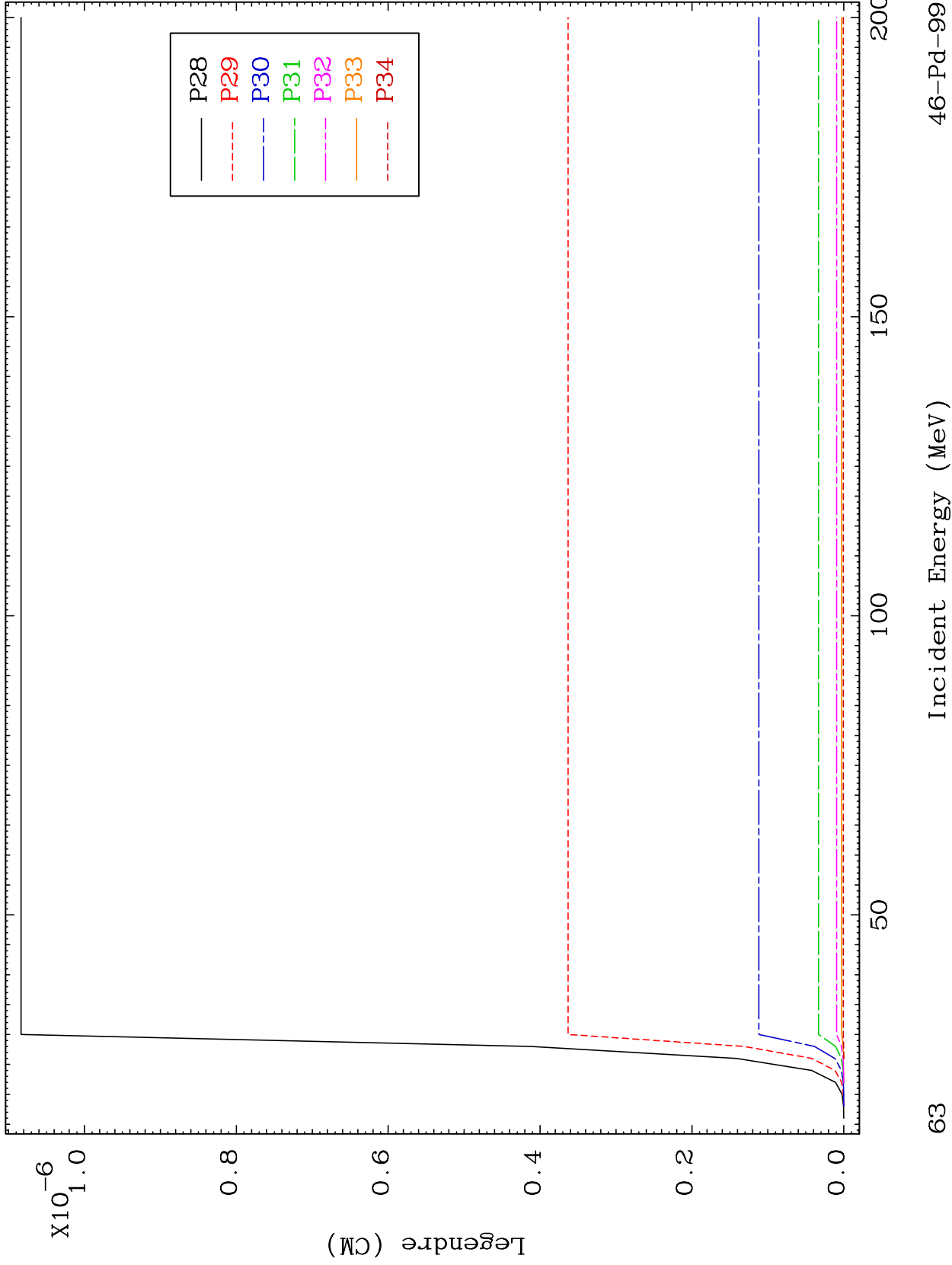
Incident Energy (MeV)

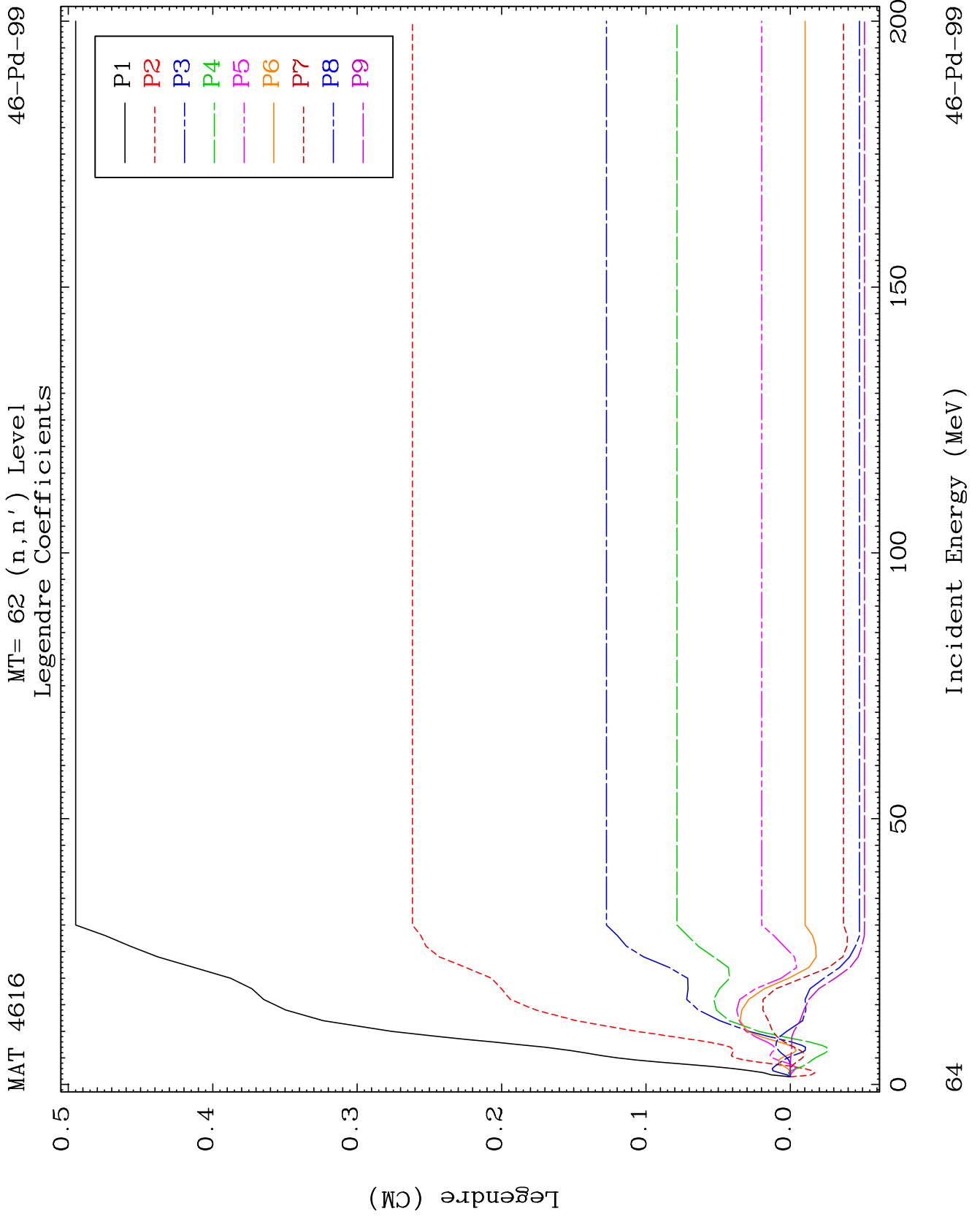
46-Pd-99

MAT 4616

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

46-Pd-99

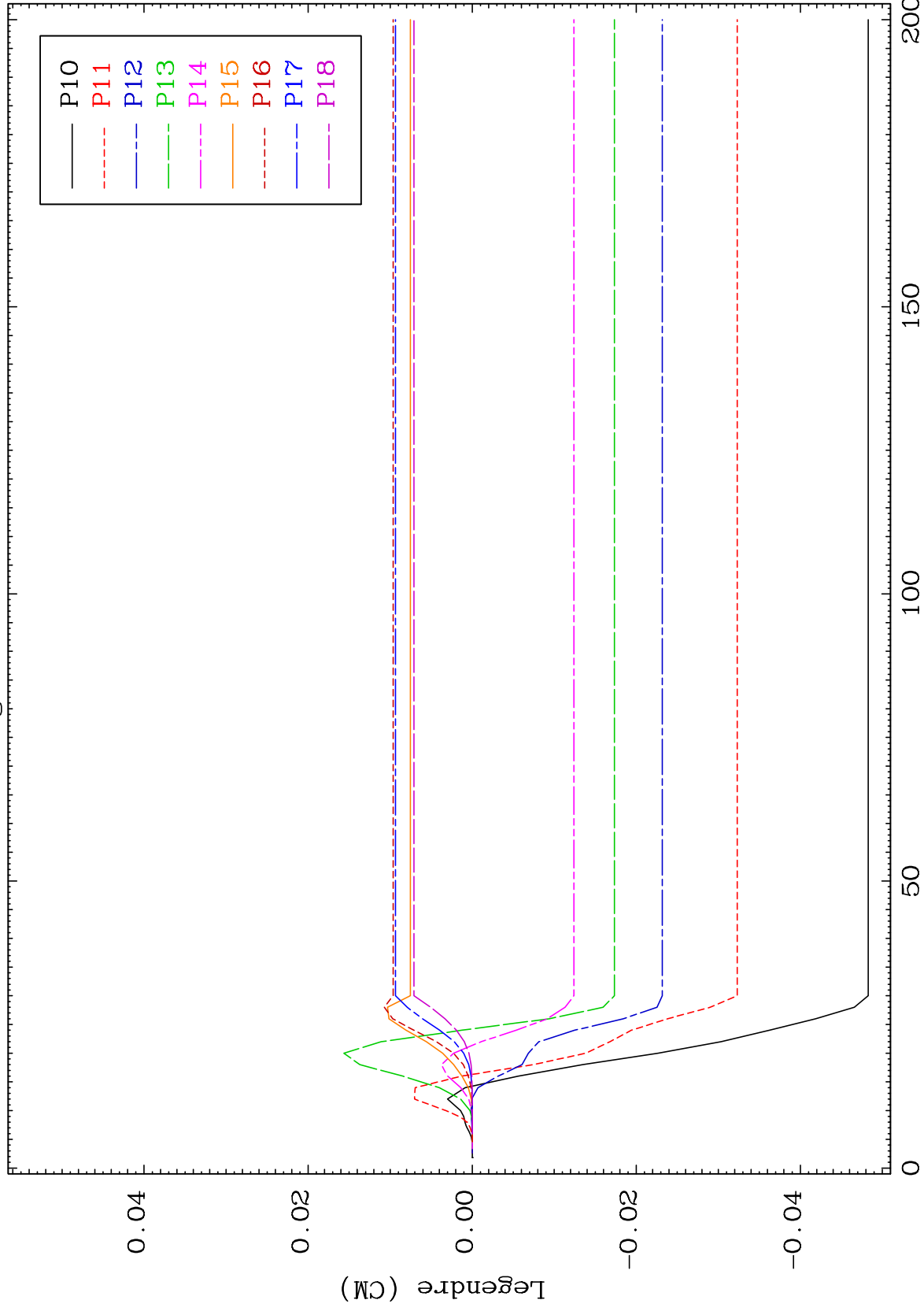




MAT 4616

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

46-Pd-99



65

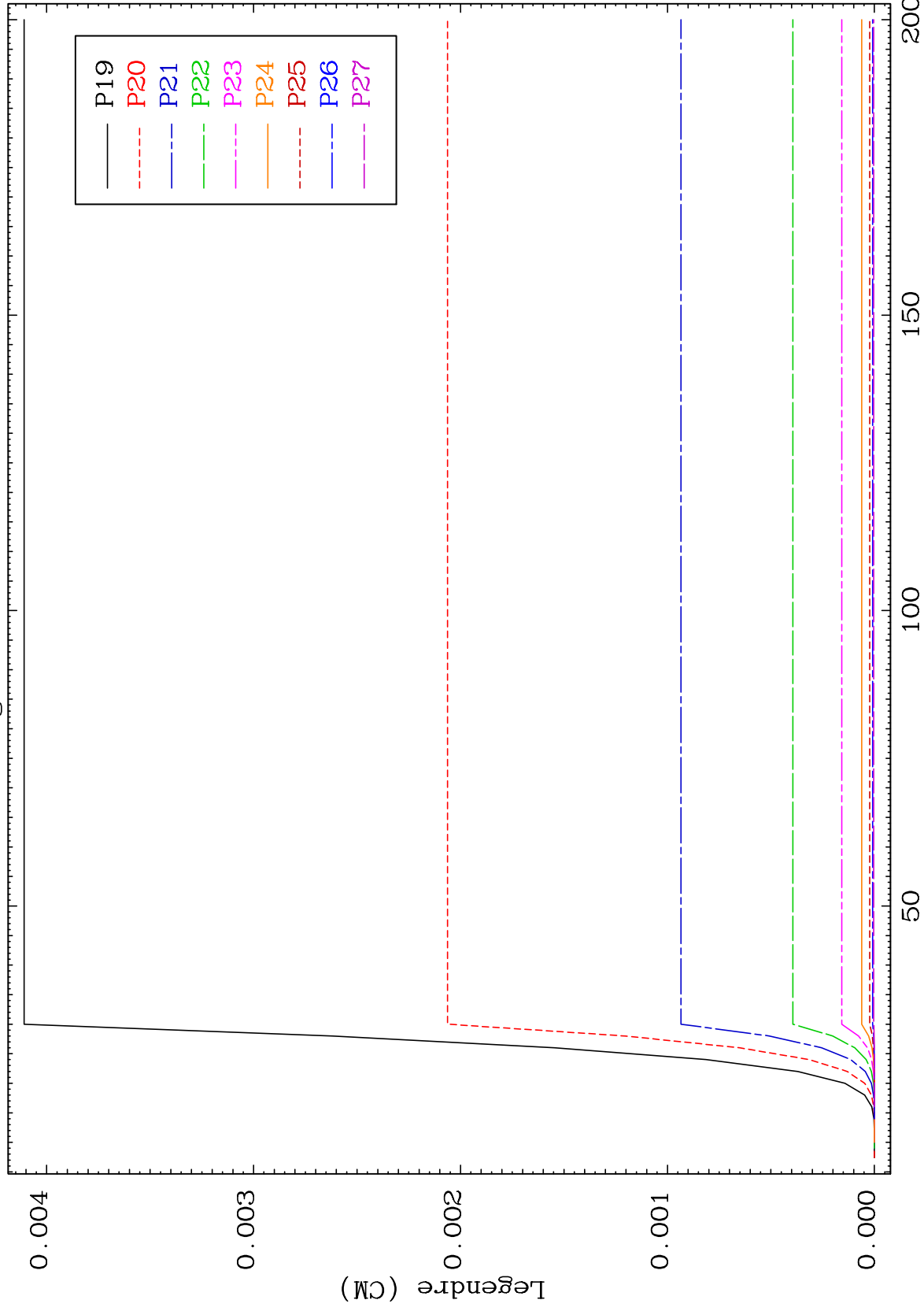
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



66

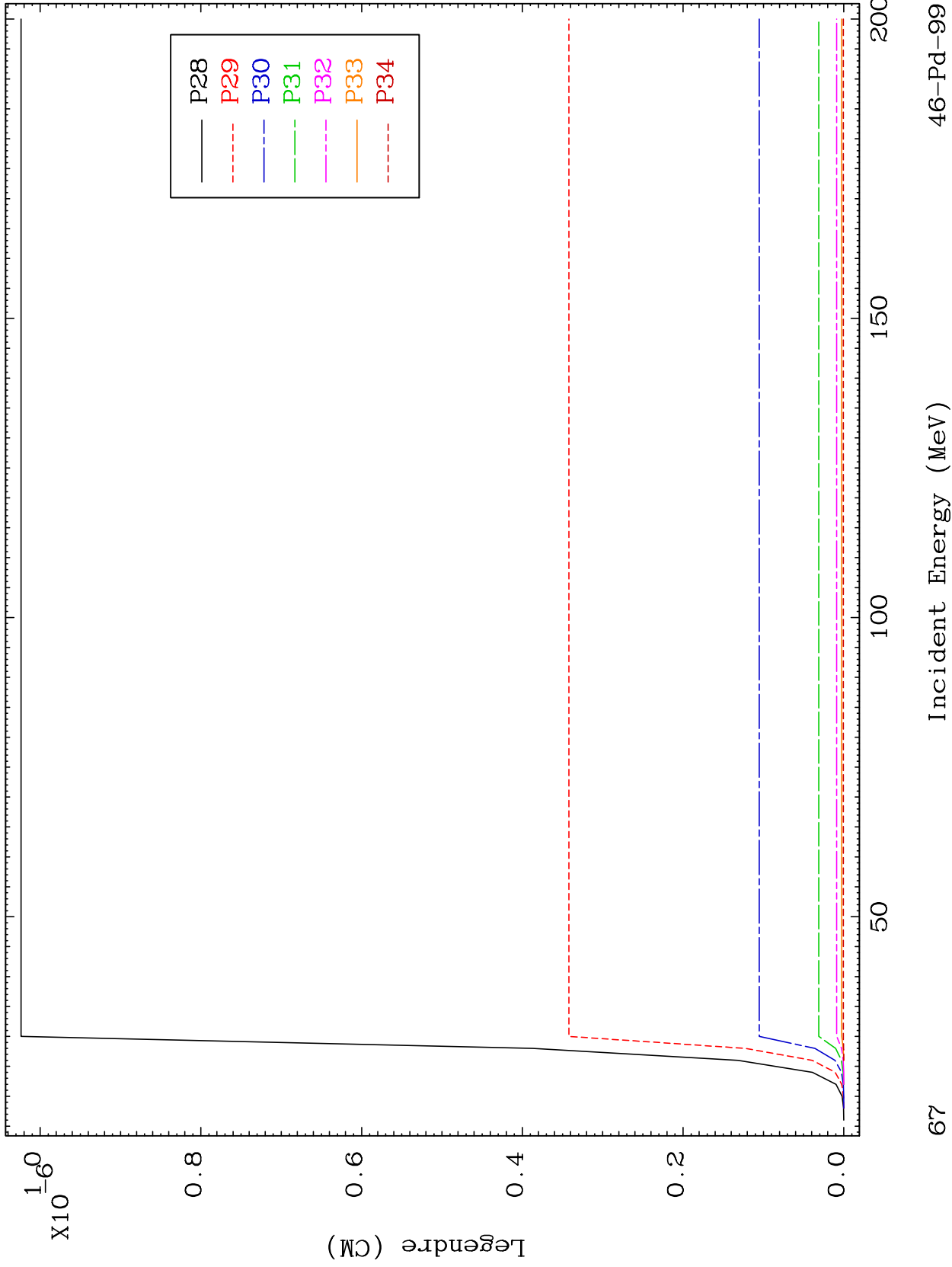
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

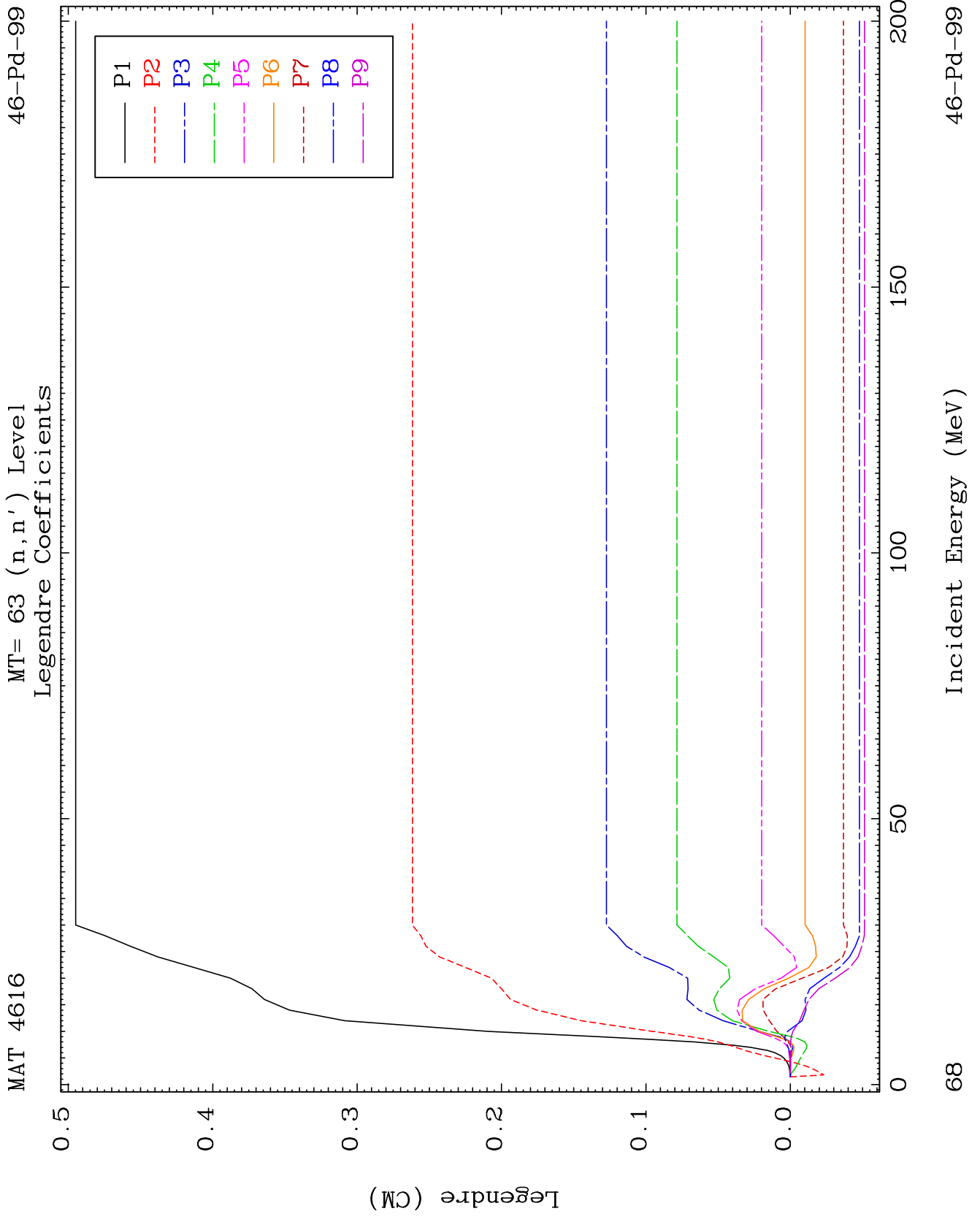
46-Pd-99



67

Incident Energy (MeV)

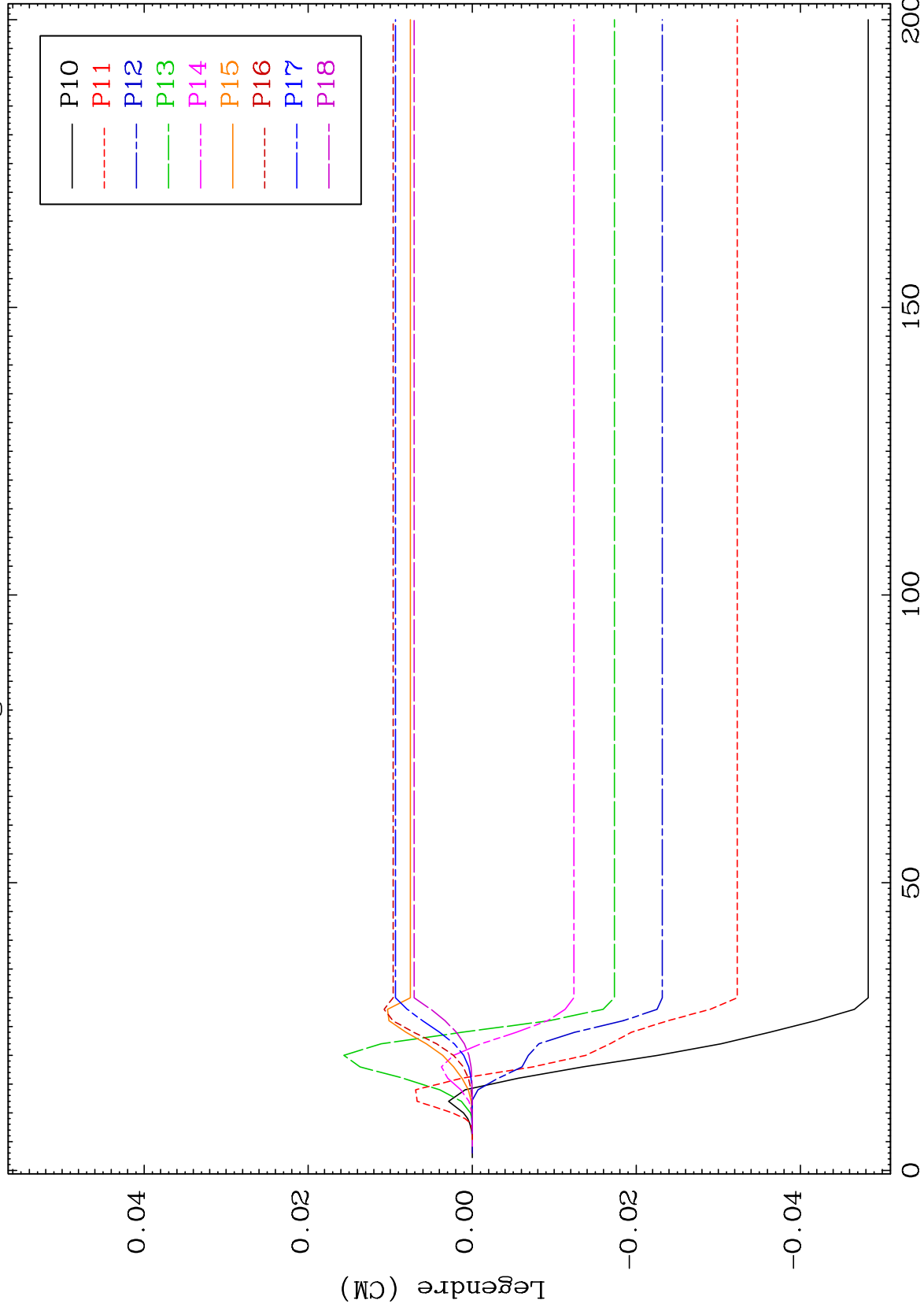
46-Pd-99



MAT 4616

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

46-Pd-99



69

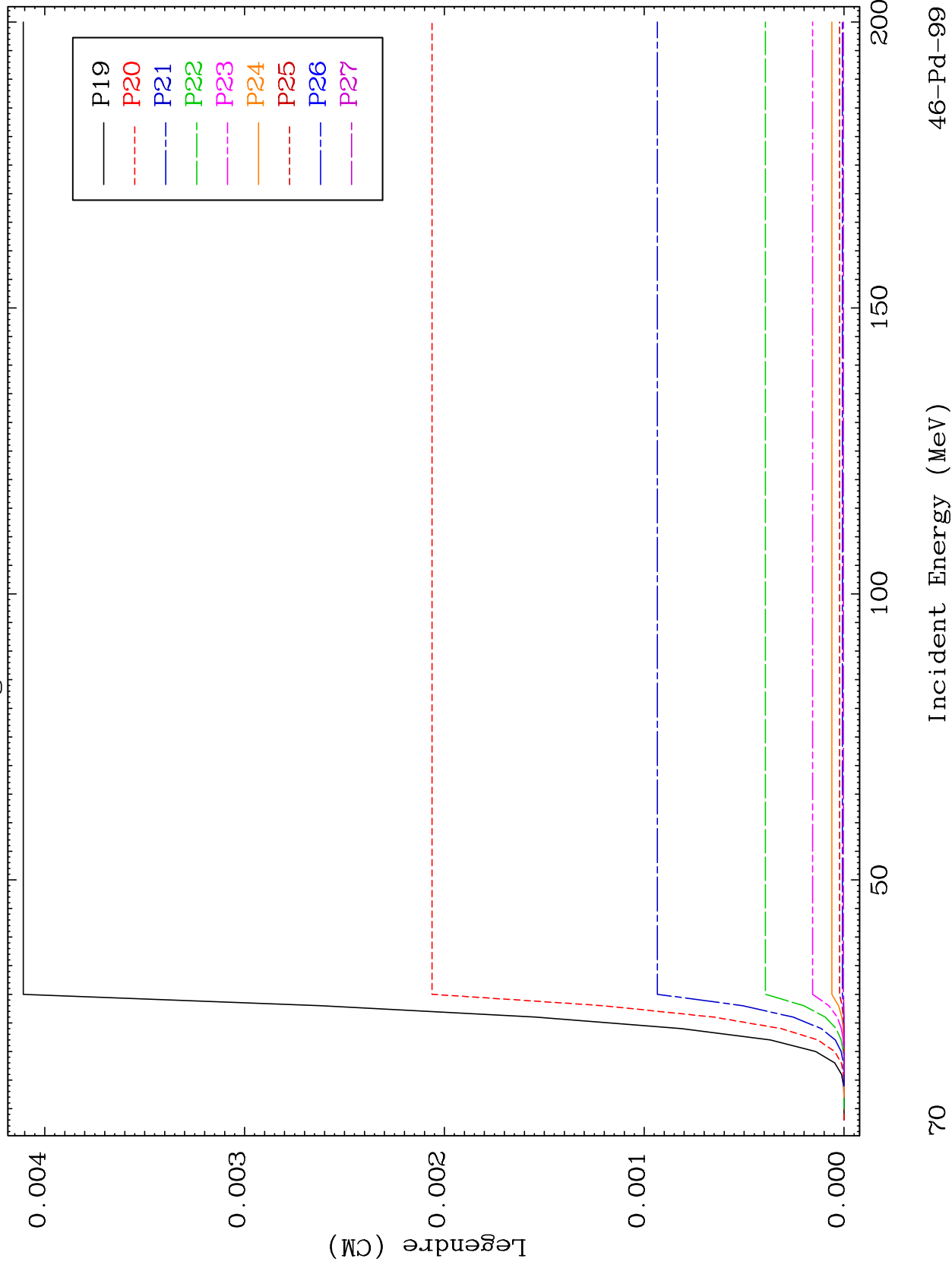
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



70

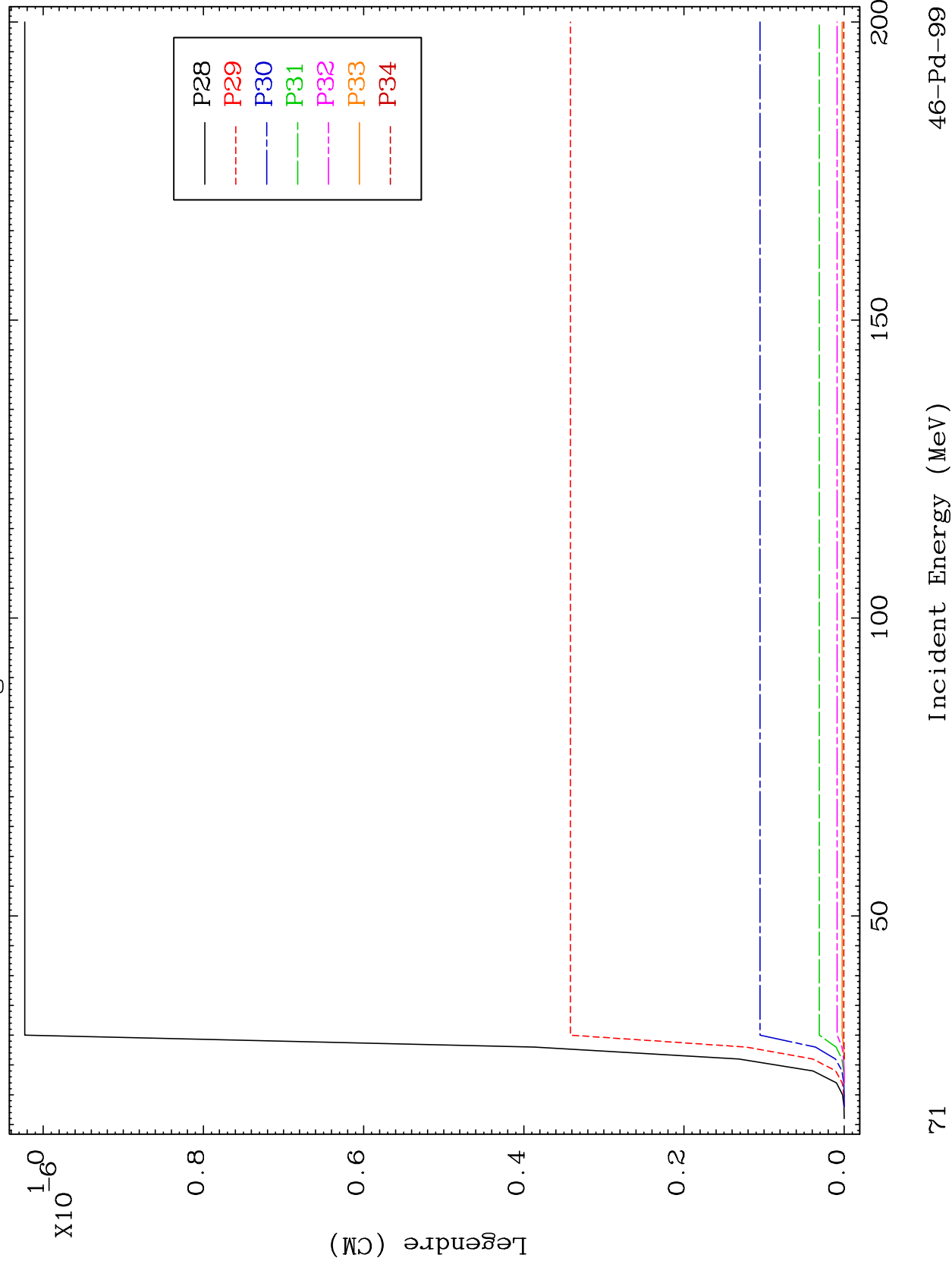
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

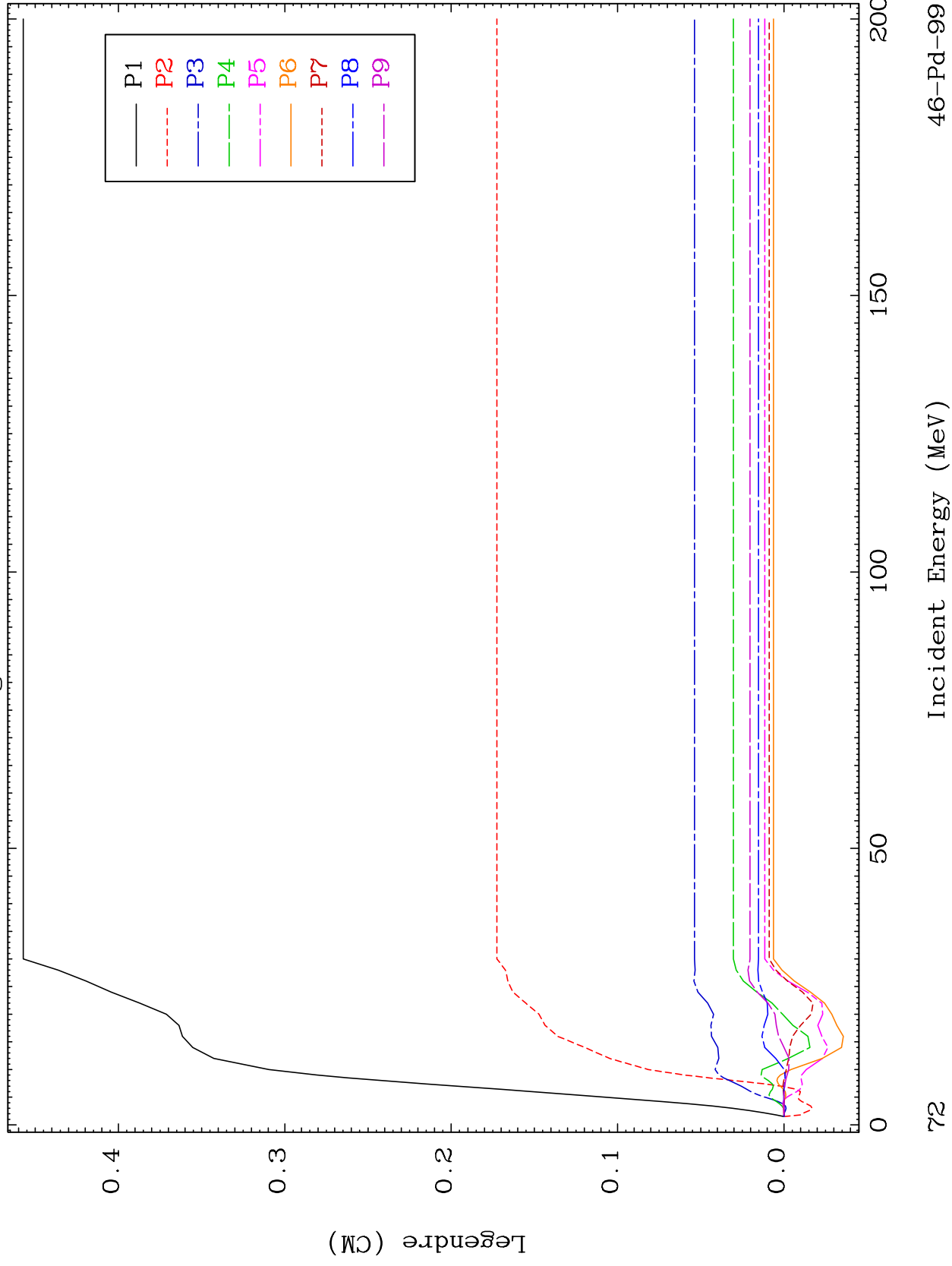
46-Pd-99



MAT 4616

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

46-Pd-99



46-Pd-99

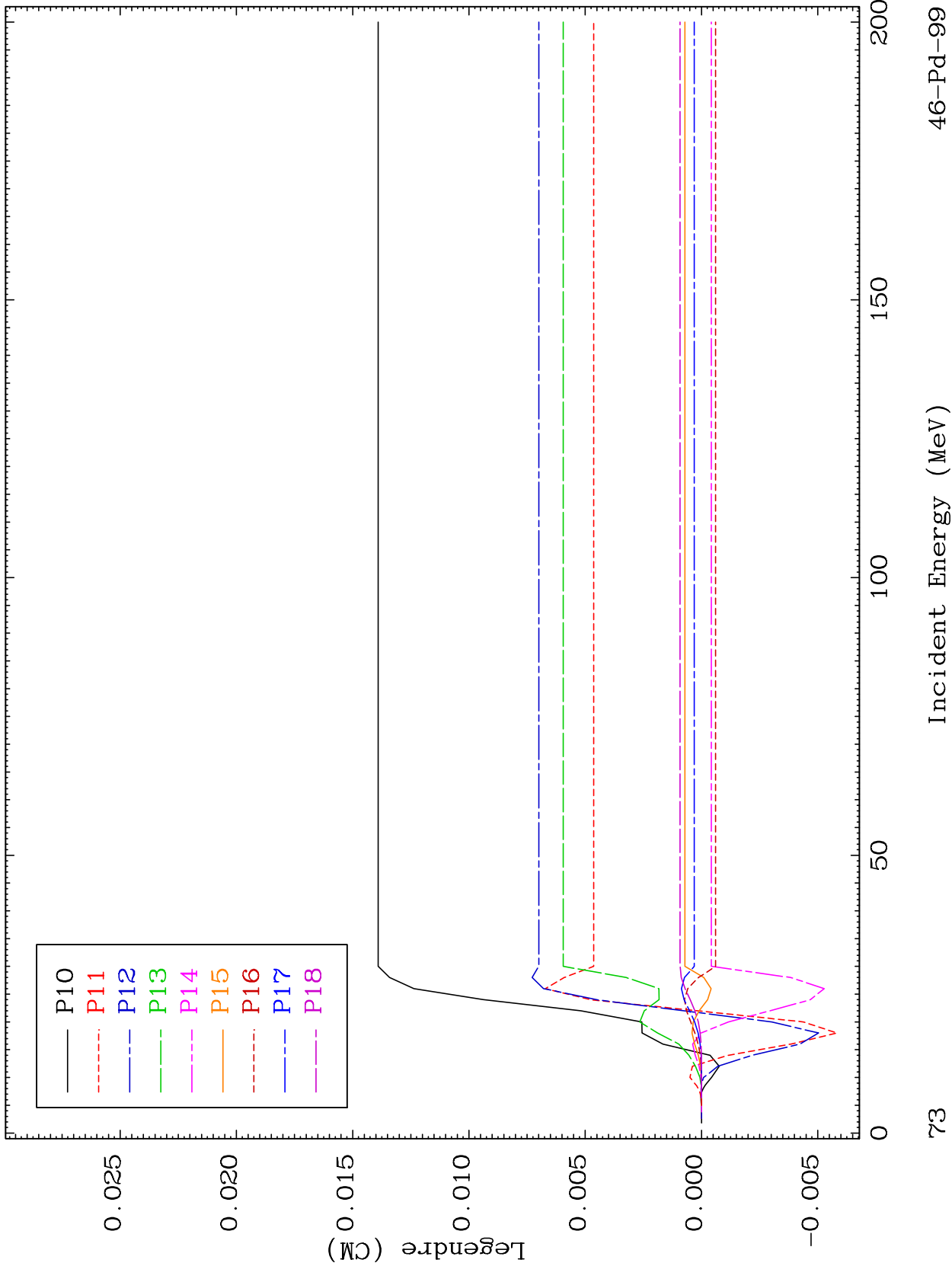
Incident Energy (MeV)

72

MAT 4616

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

46-Pd-99



46-Pd-99

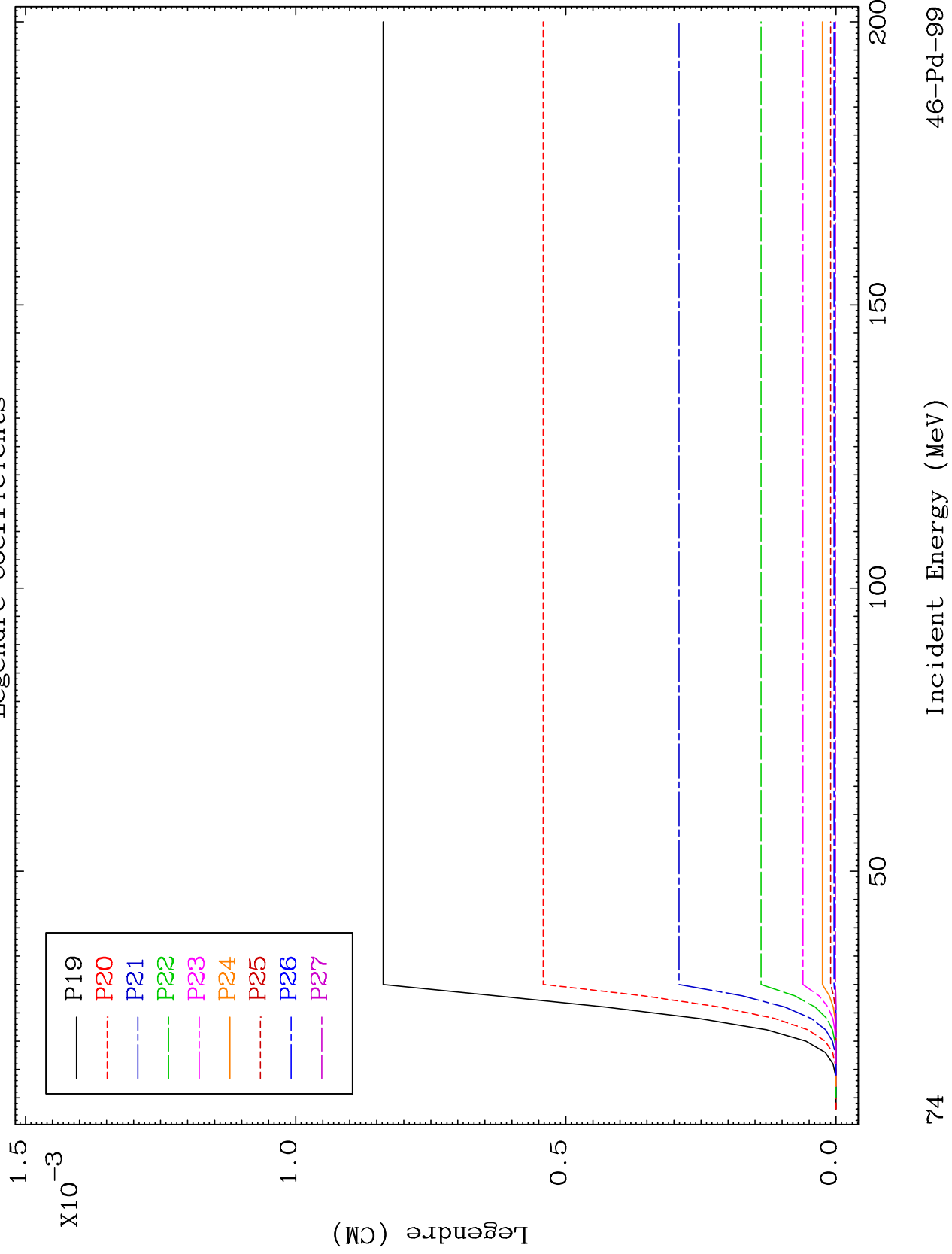
Incident Energy (MeV)

73

MAT 4616

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

46-Pd-99



74

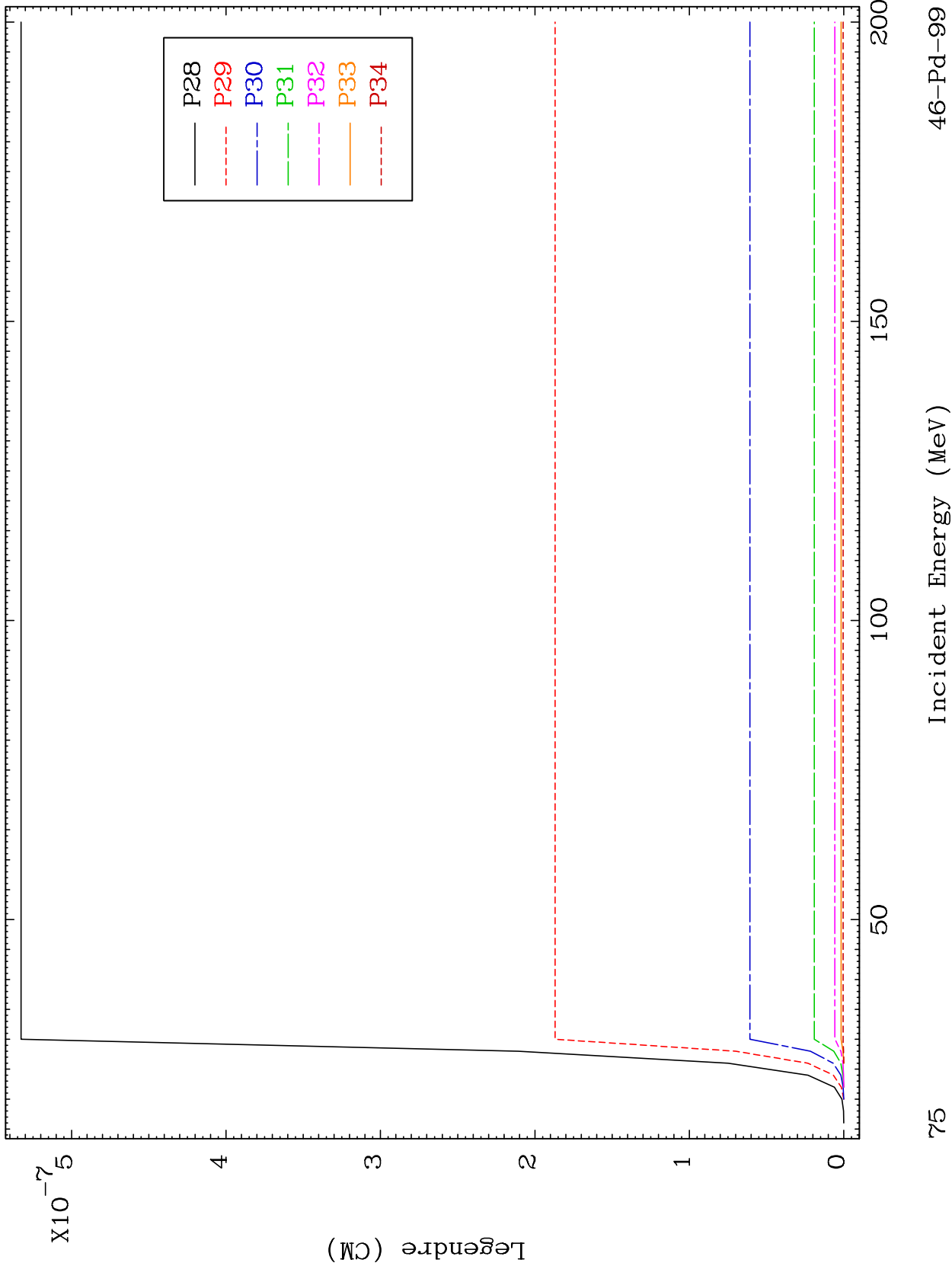
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



75

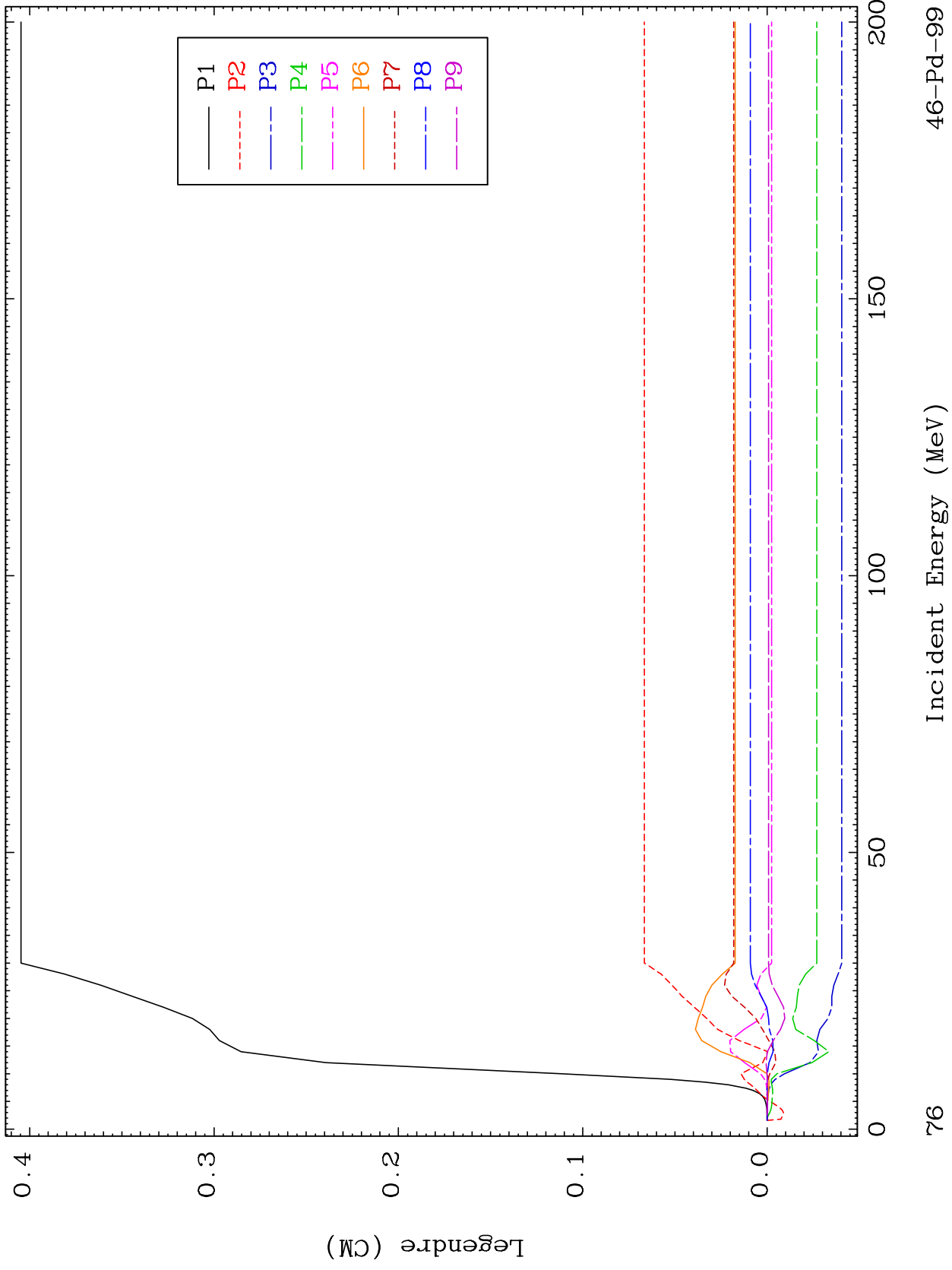
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



46-Pd-99

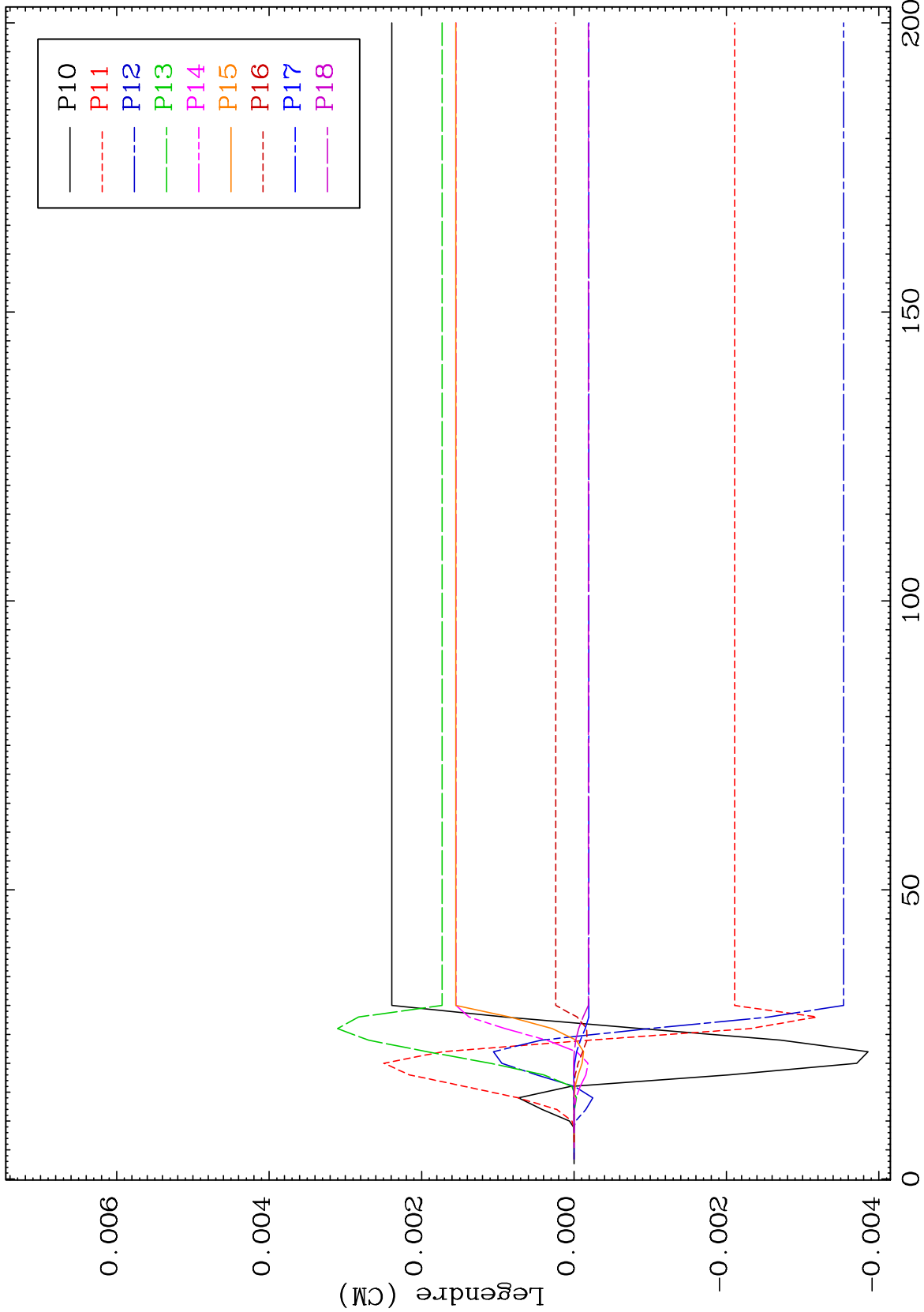
Incident Energy (MeV)

76

MAT 4616

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

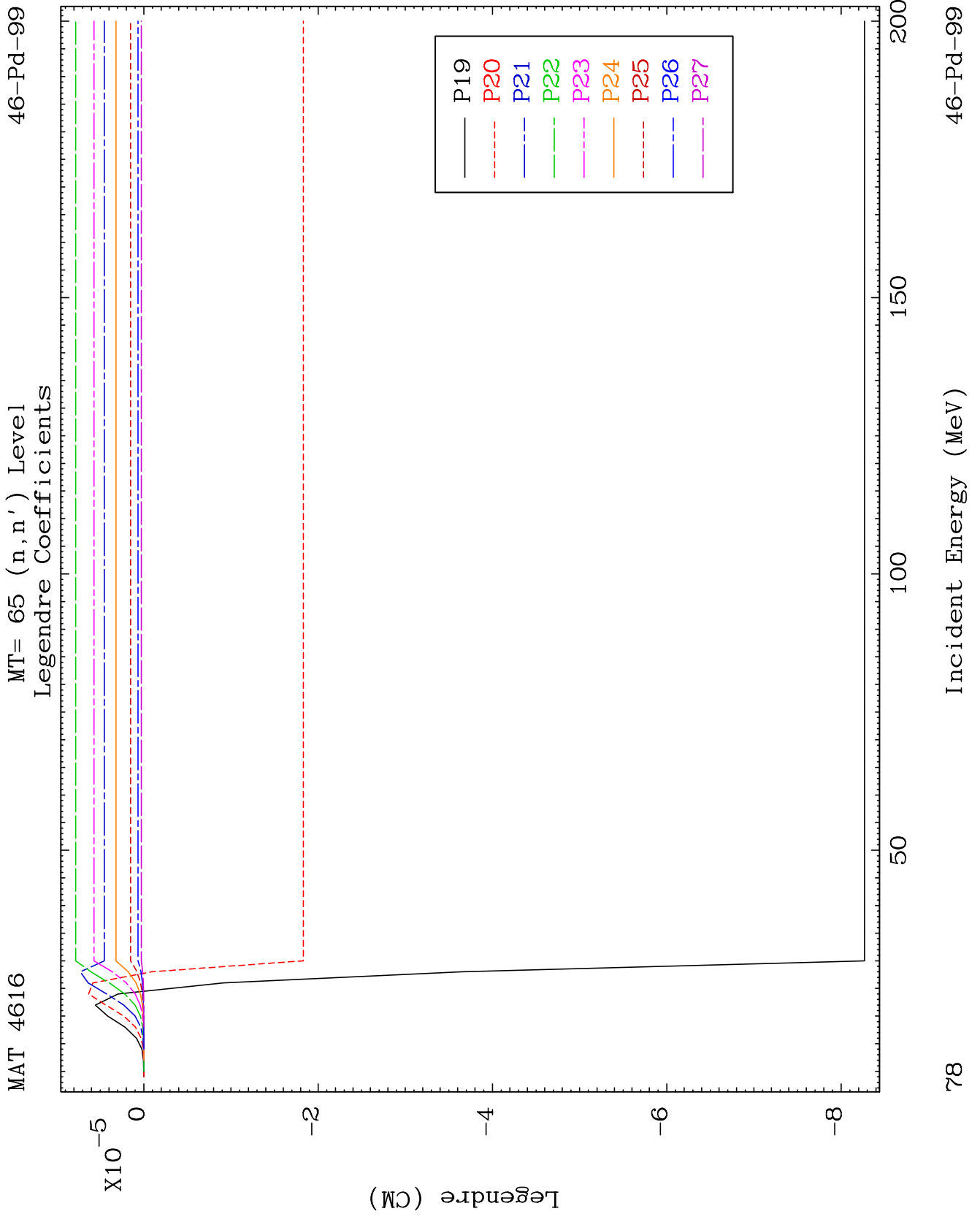
46-Pd-99



77

Incident Energy (MeV)

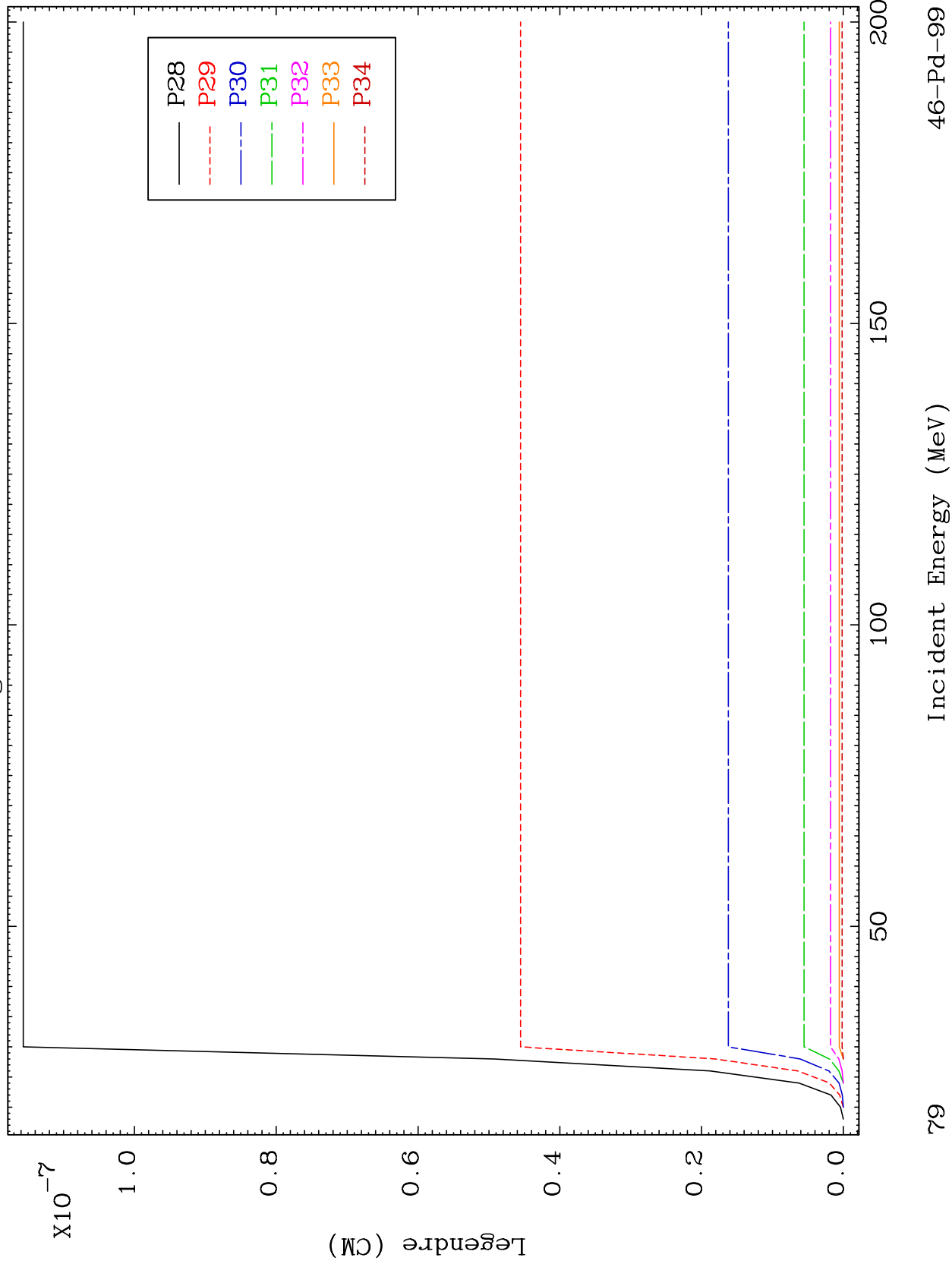
46-Pd-99



MAT 4616

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

46-Pd-99



79

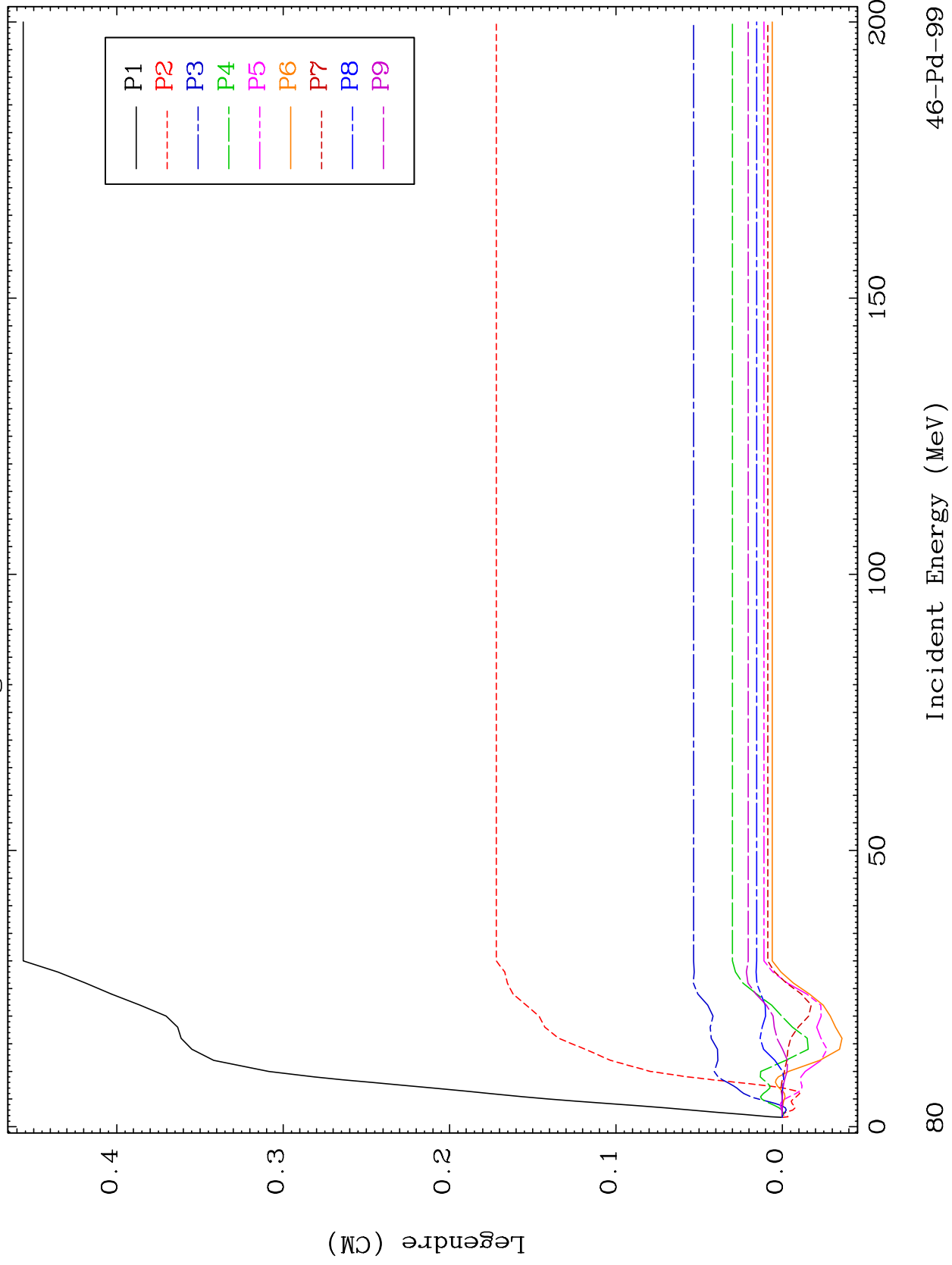
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



46-Pd-99

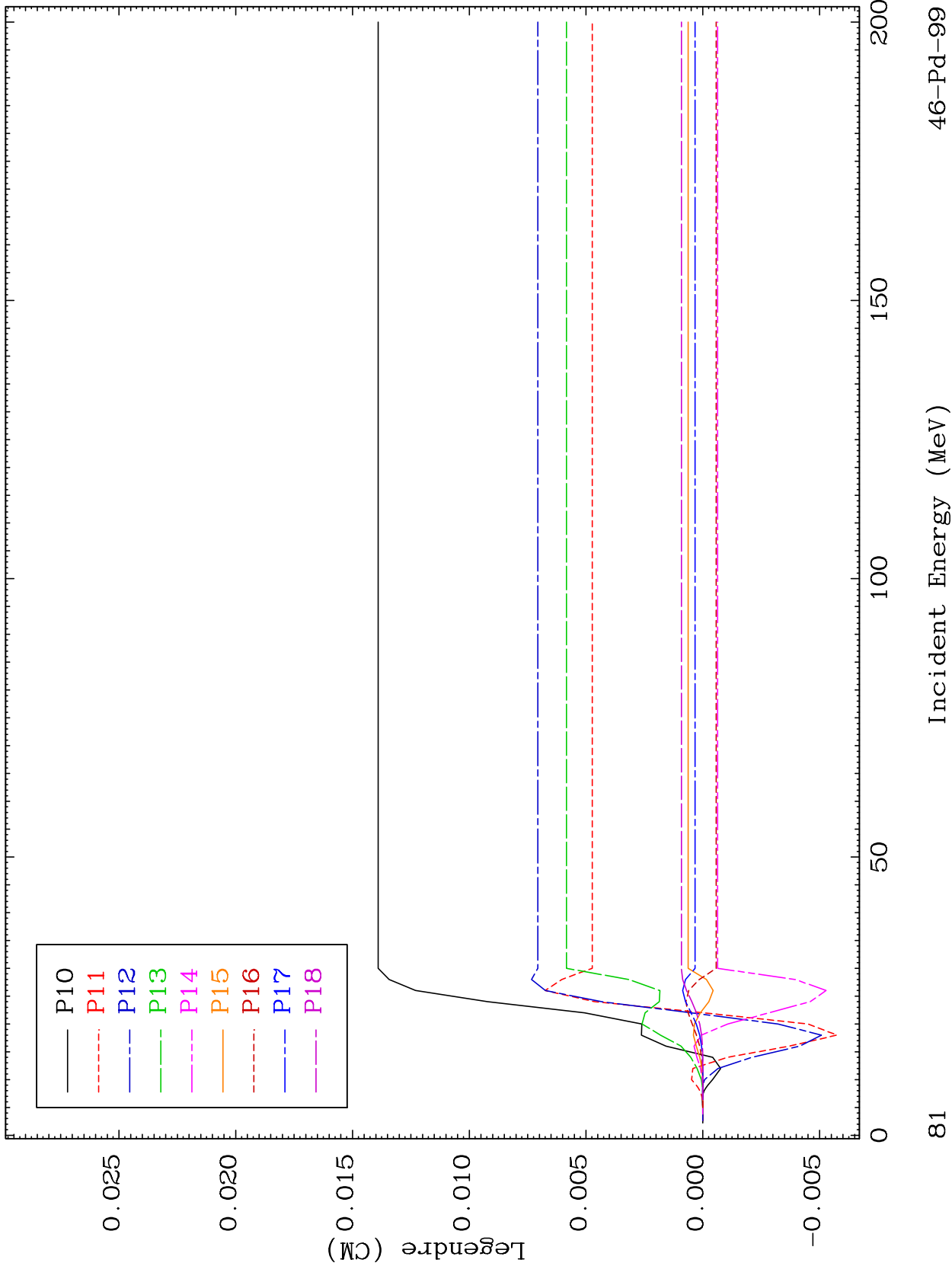
Incident Energy (MeV)

80

MAT 4616

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

46-Pd-99



81

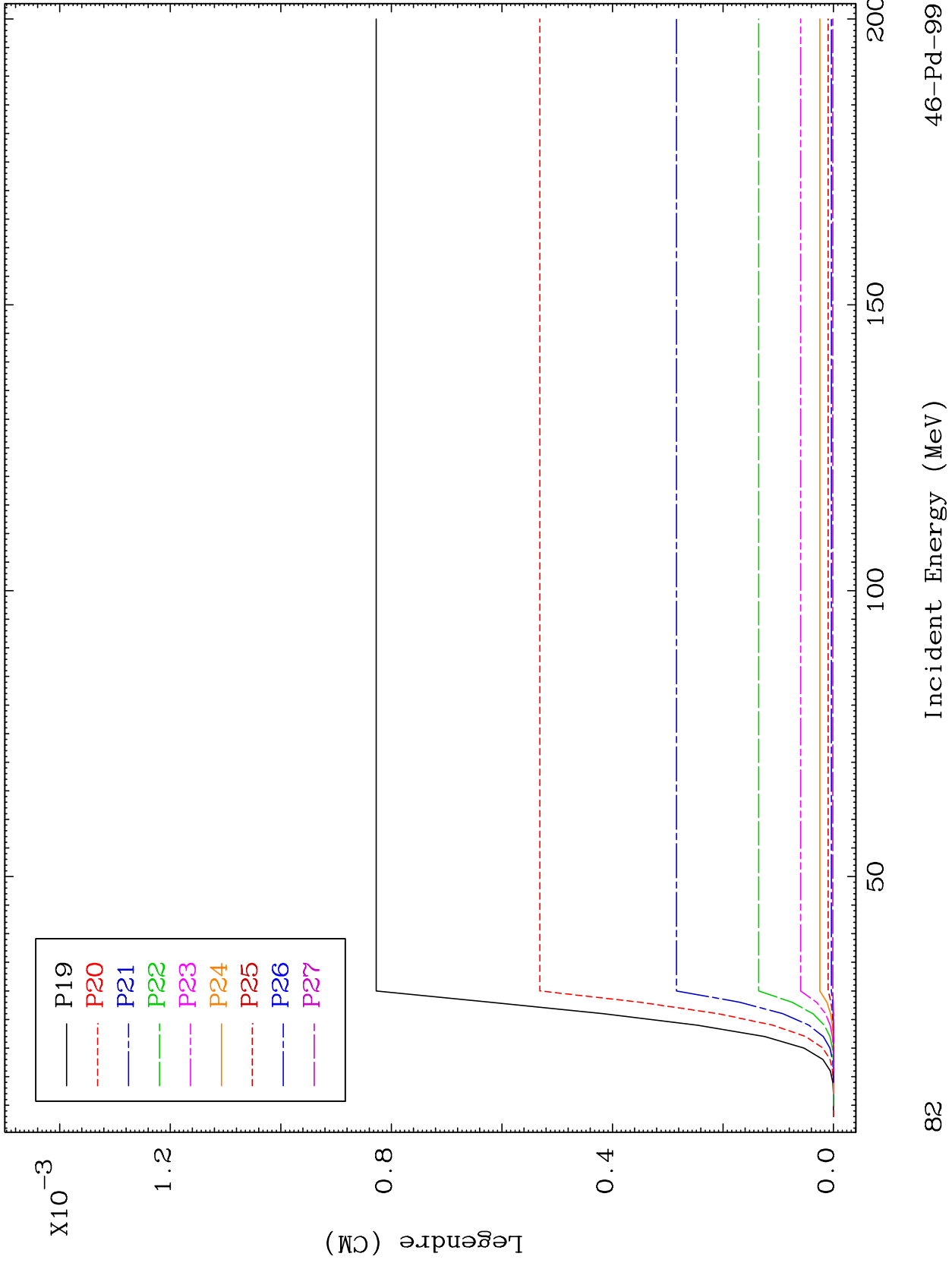
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

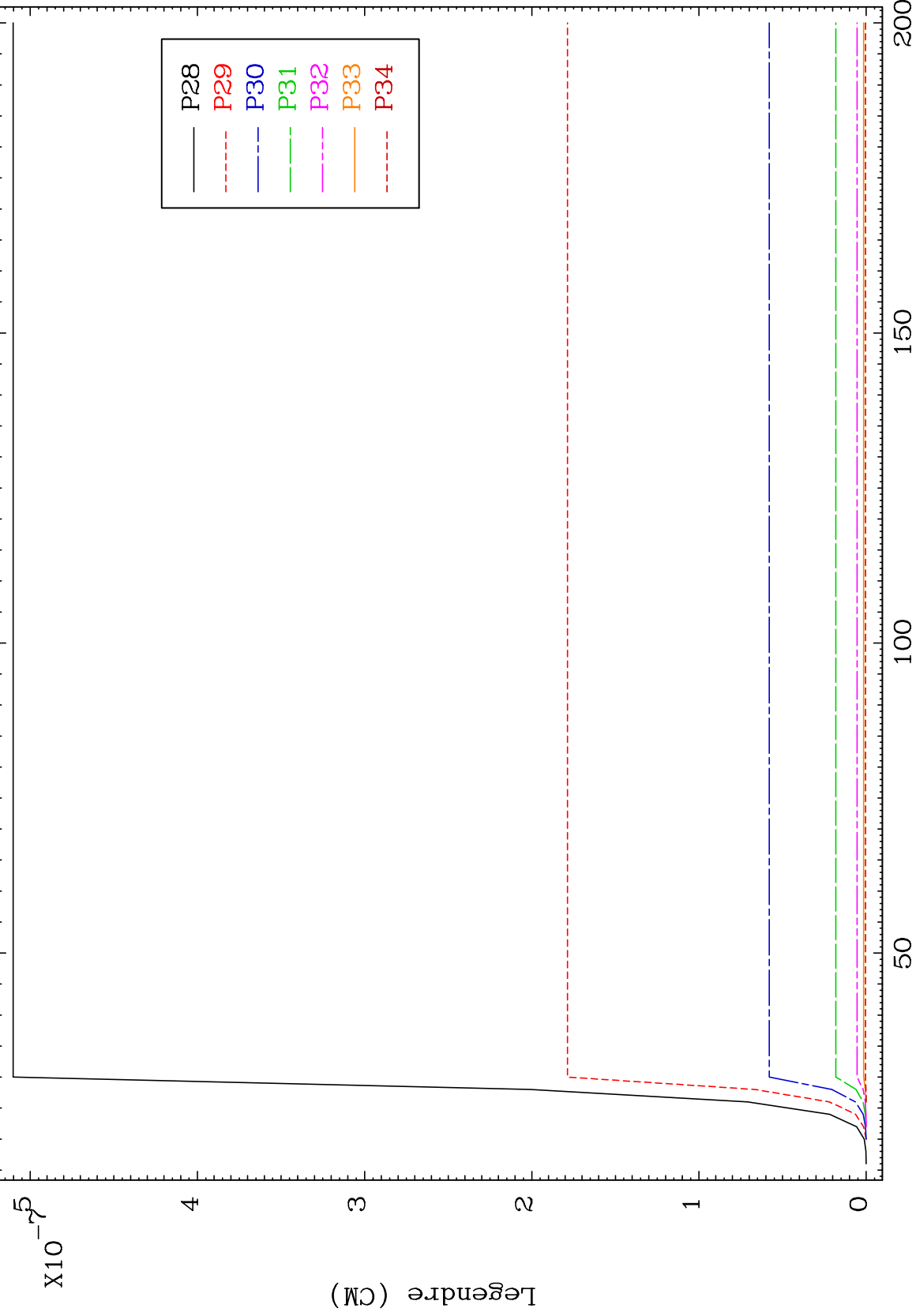
46-Pd-99



MAT 4616

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

46-Pd-99



83

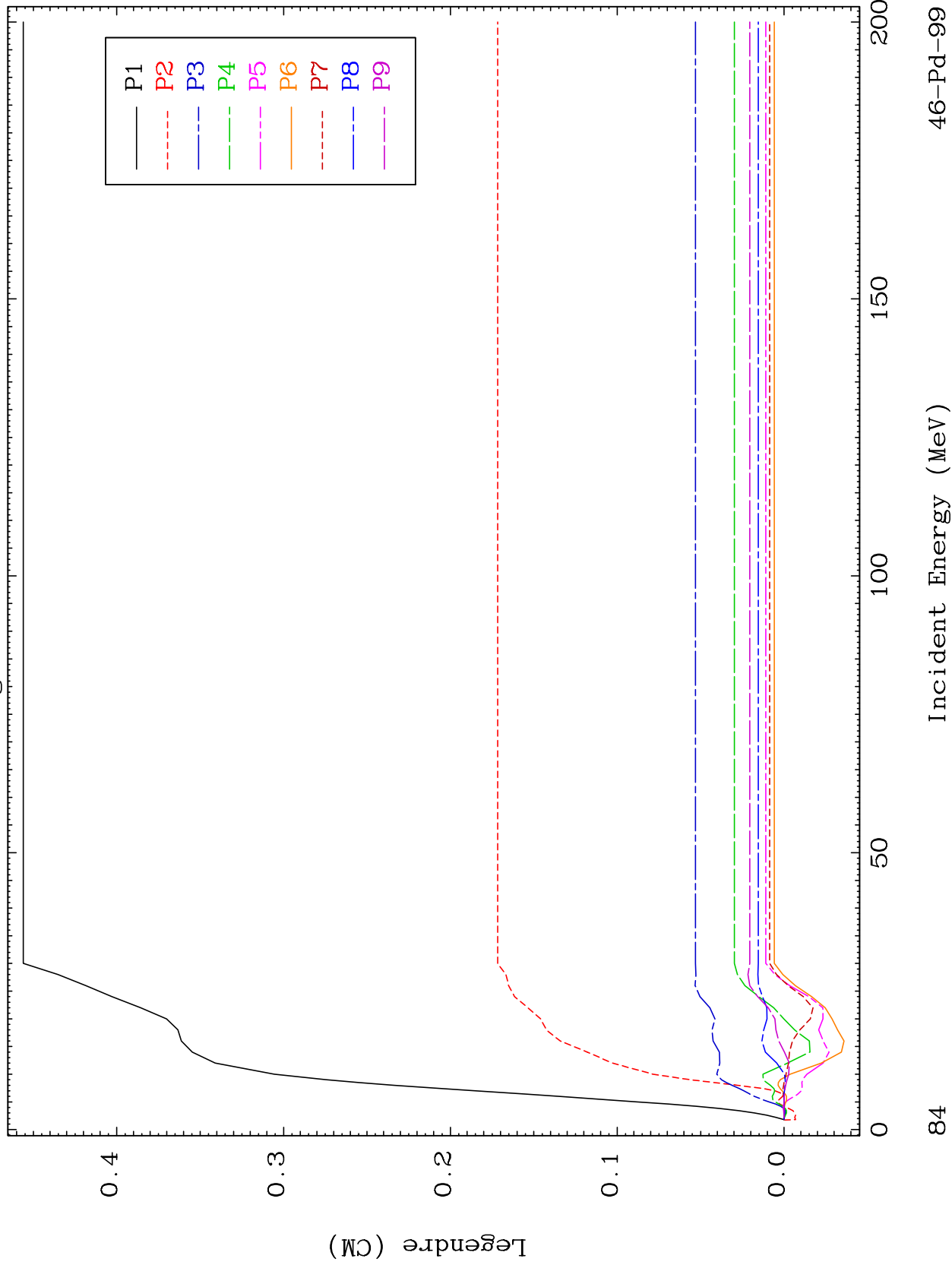
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



84

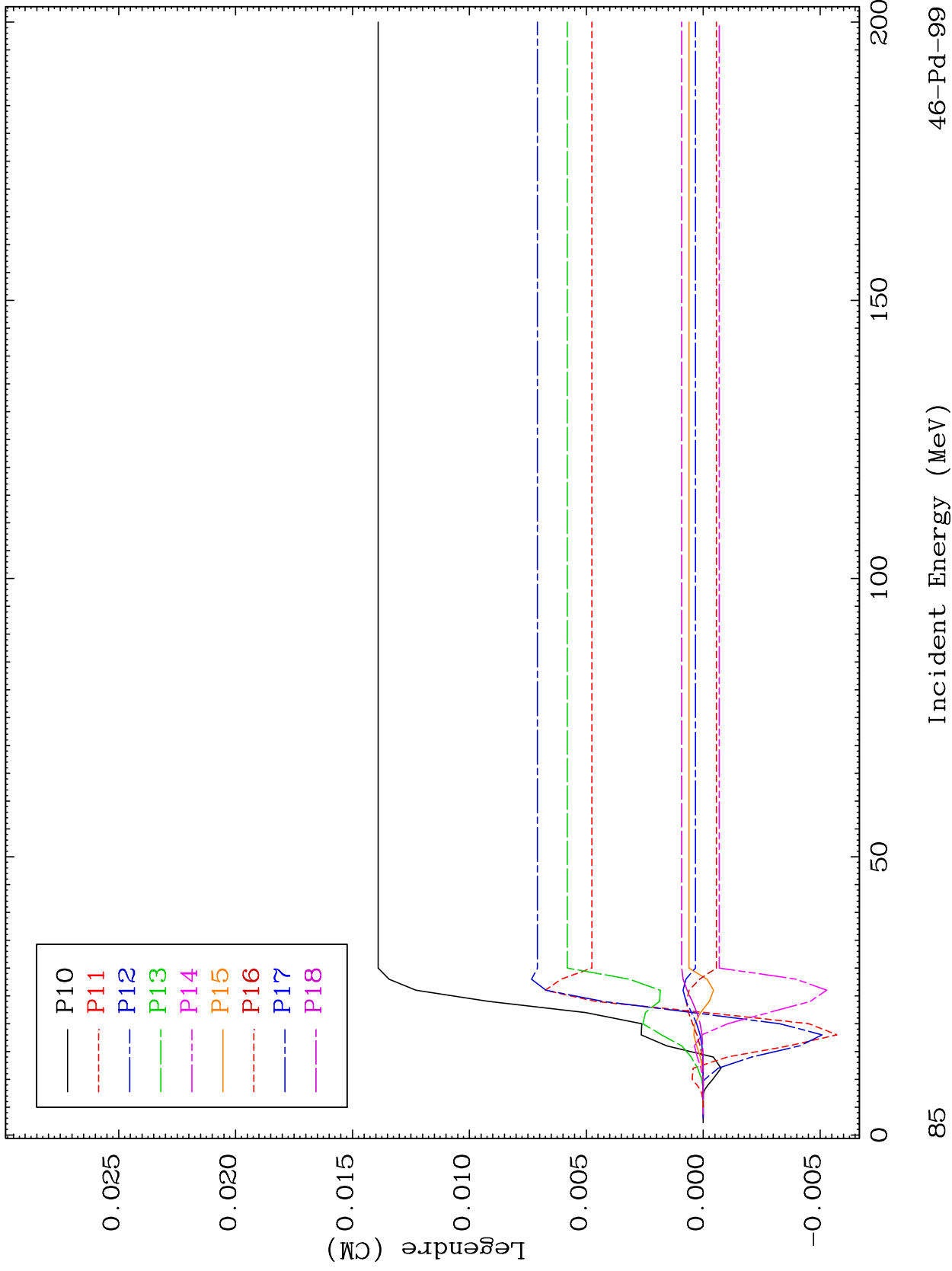
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

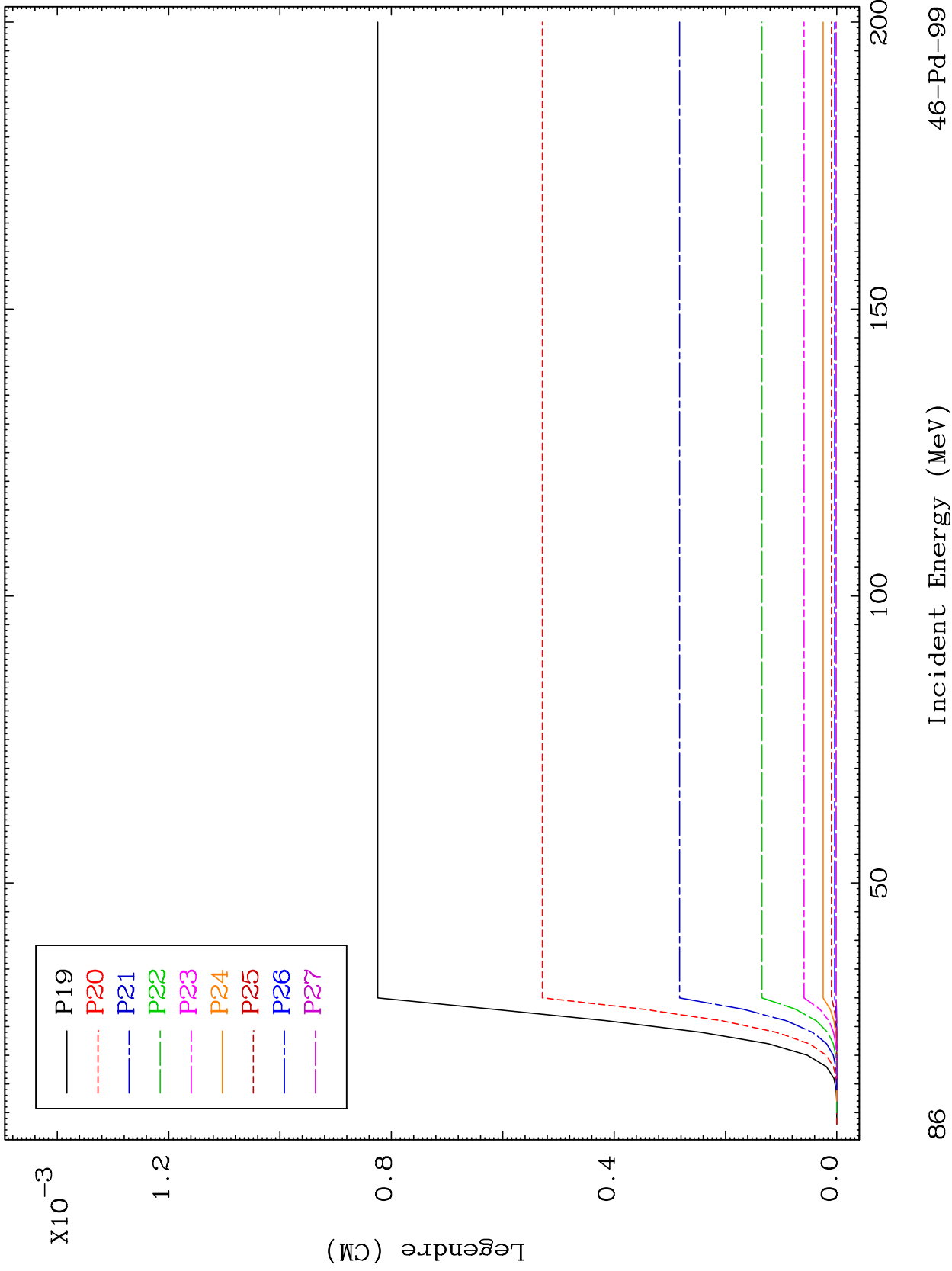
46-Pd-99



85

Incident Energy (MeV)

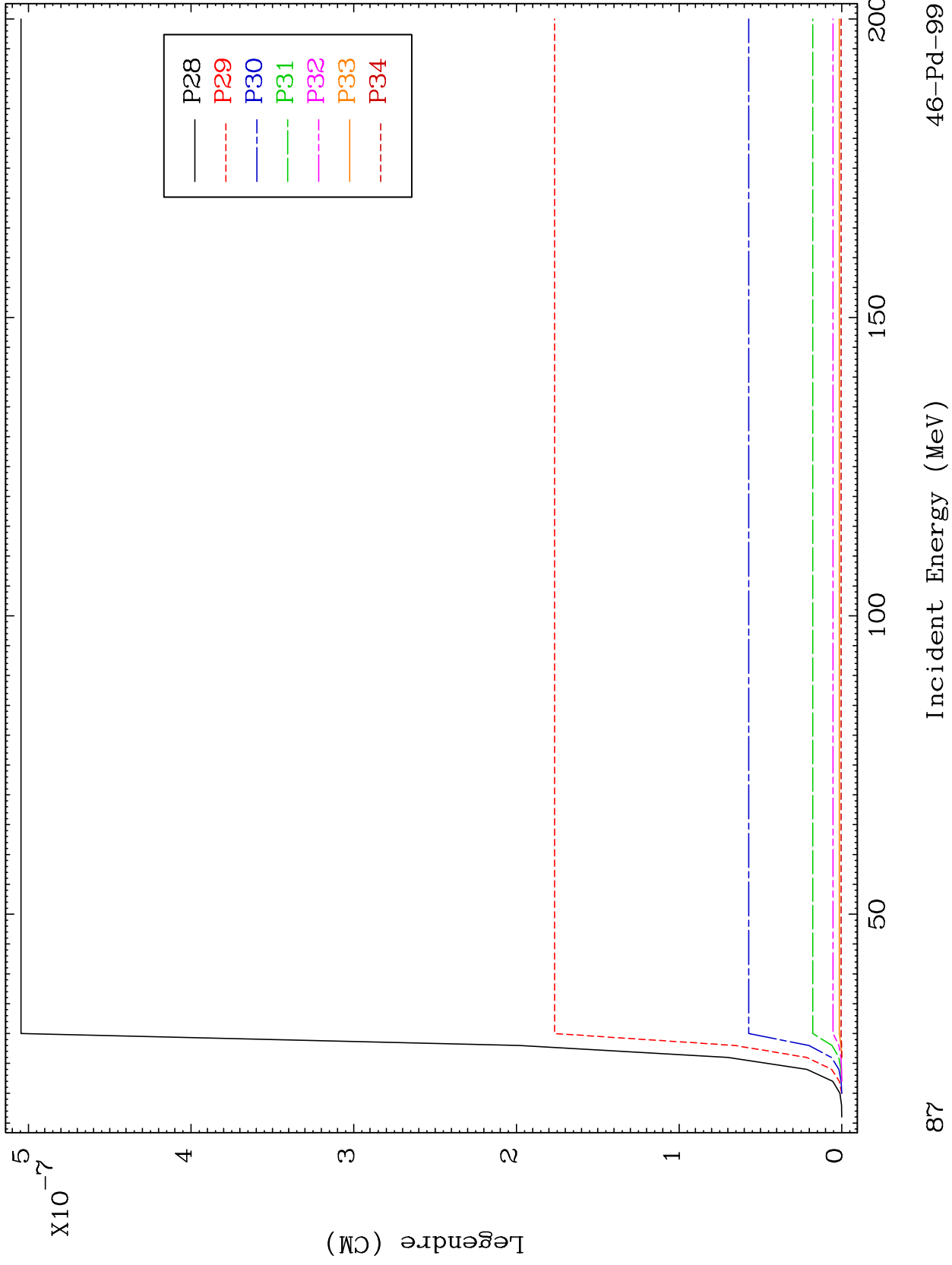
46-Pd-99



MAT 4616

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

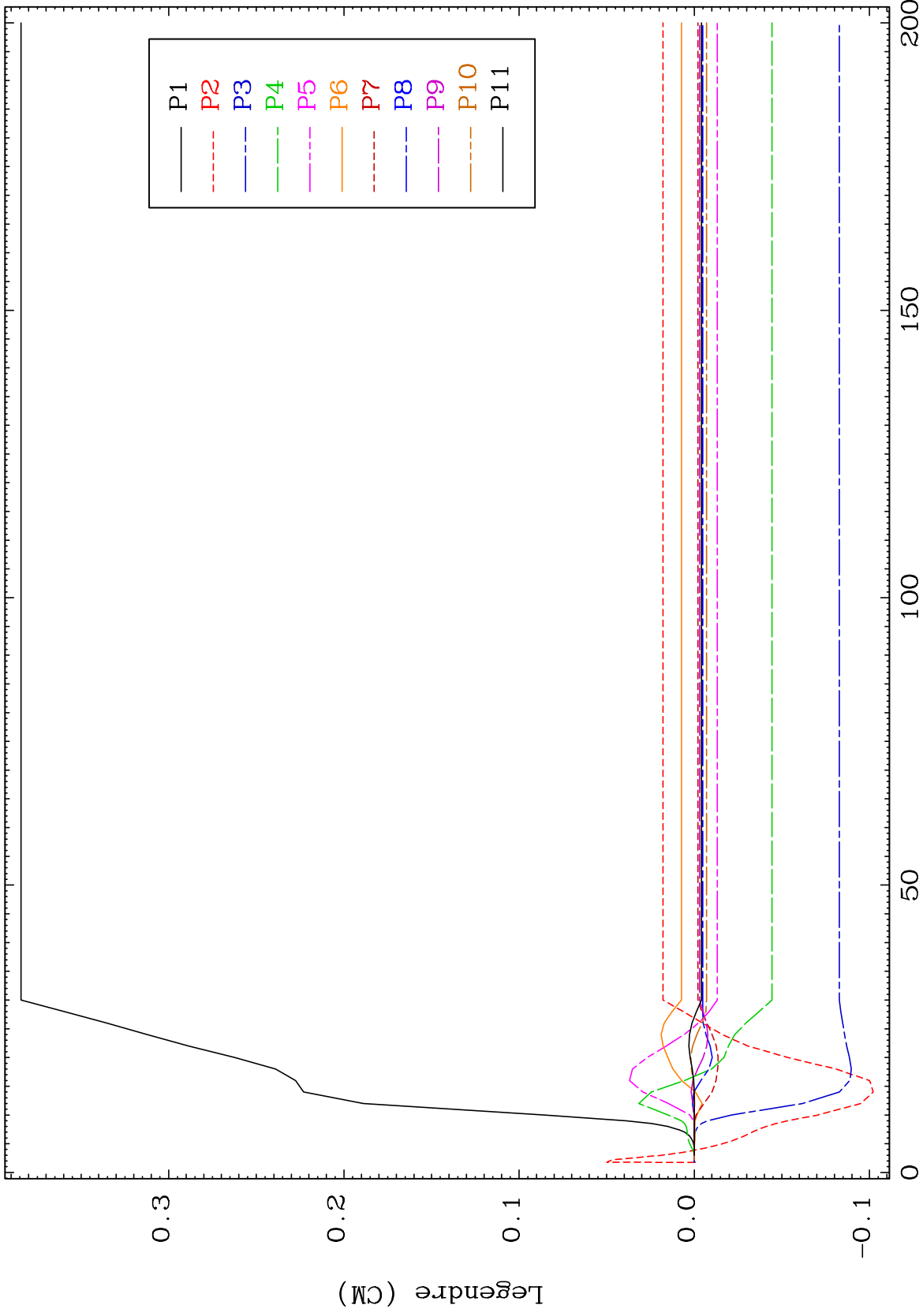
46-Pd-99



MAT 4616

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

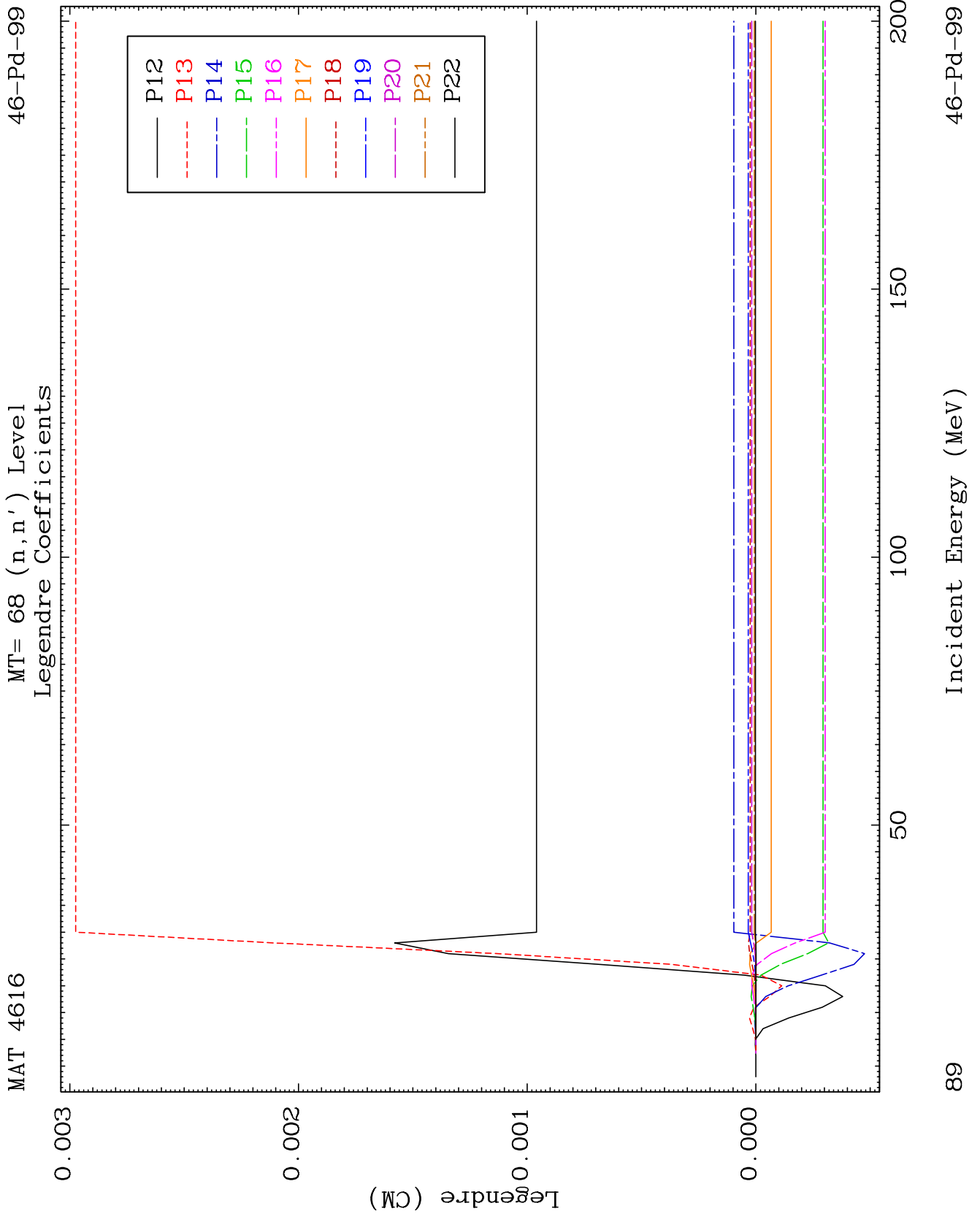
46-Pd-99



88

Incident Energy (MeV)

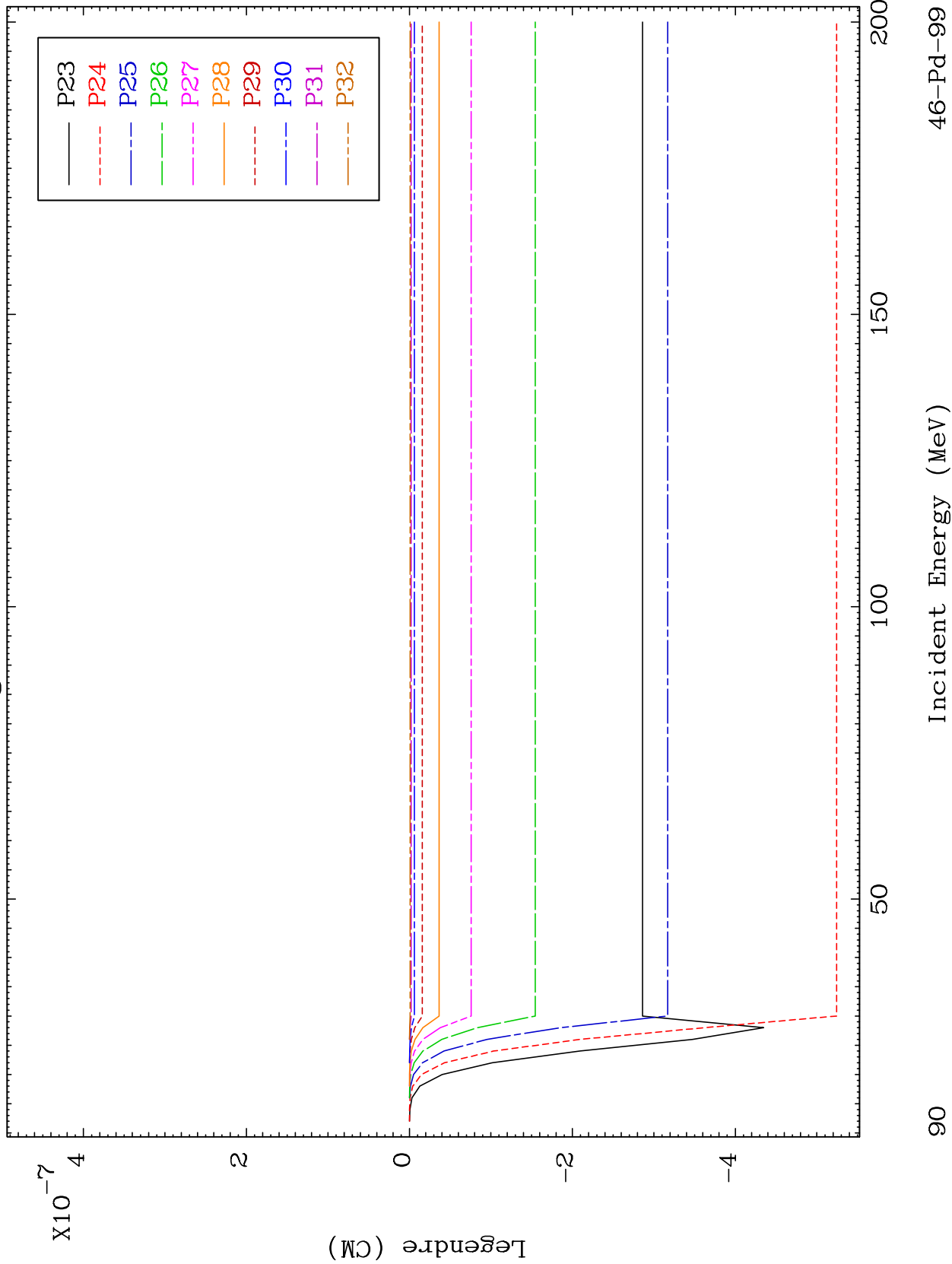
46-Pd-99



MAT 4616

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

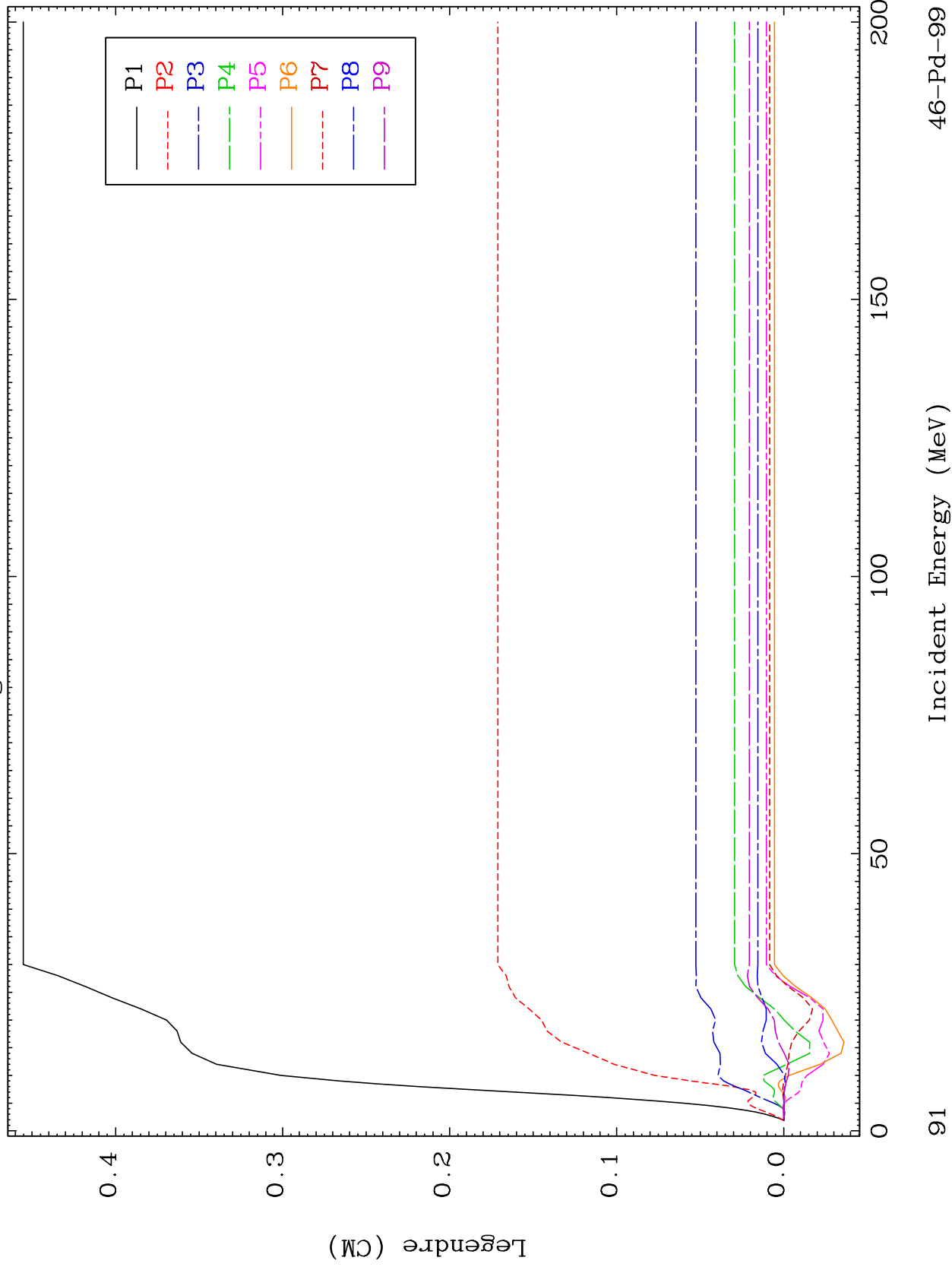
46-Pd-99



MAT 4616

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

46-Pd-99



91

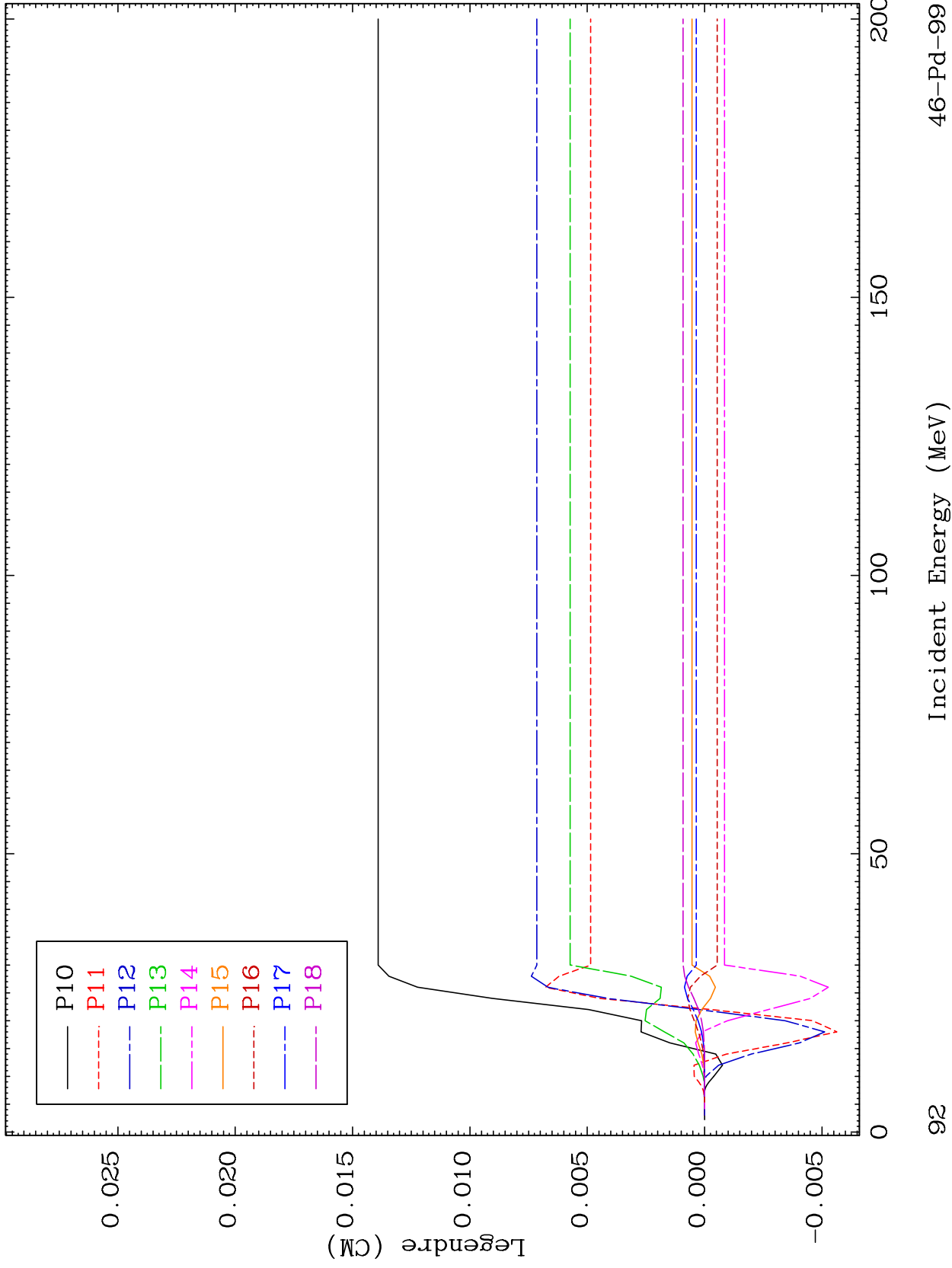
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



92

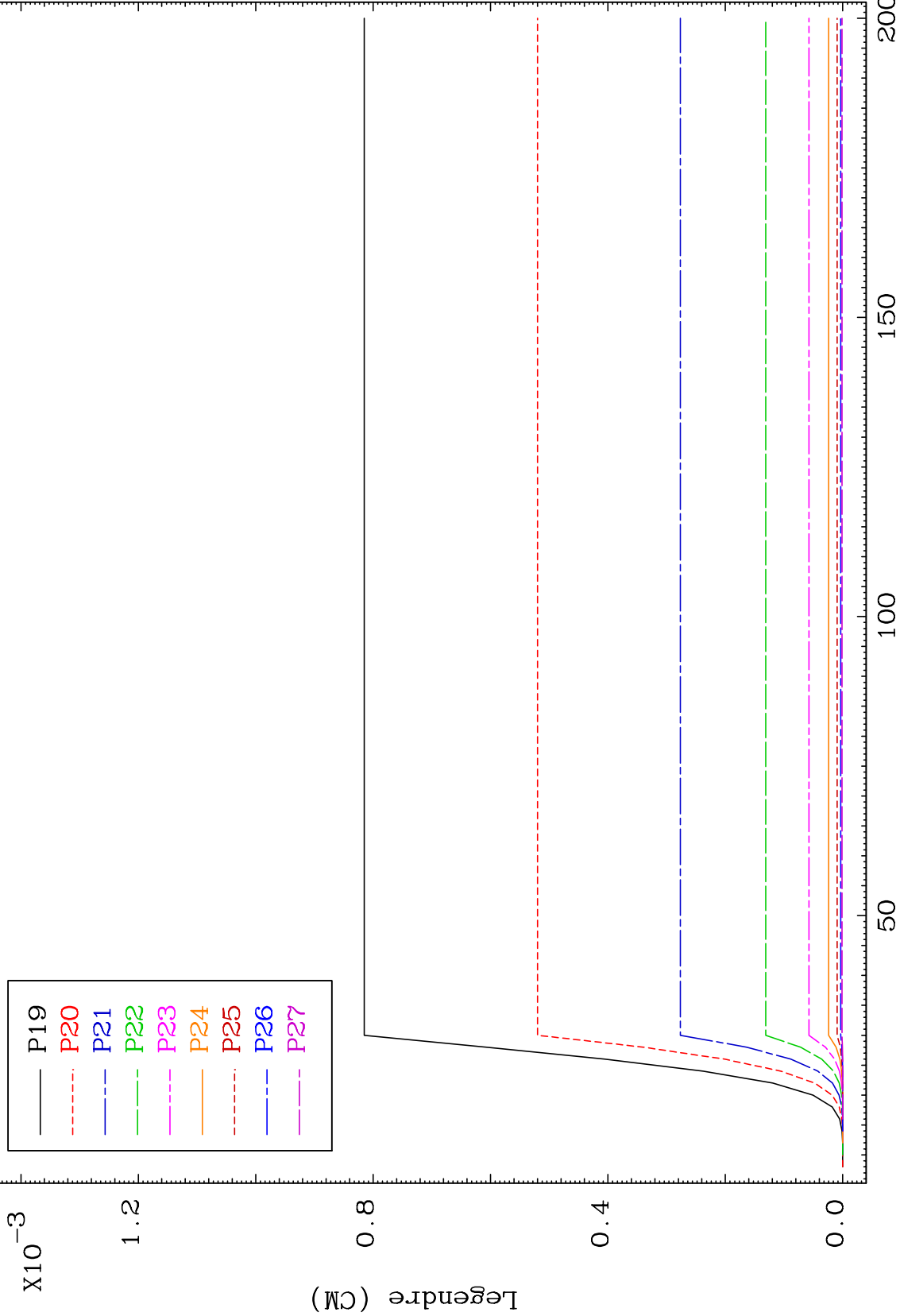
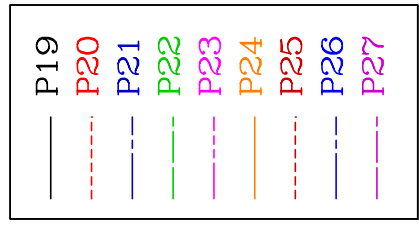
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



93

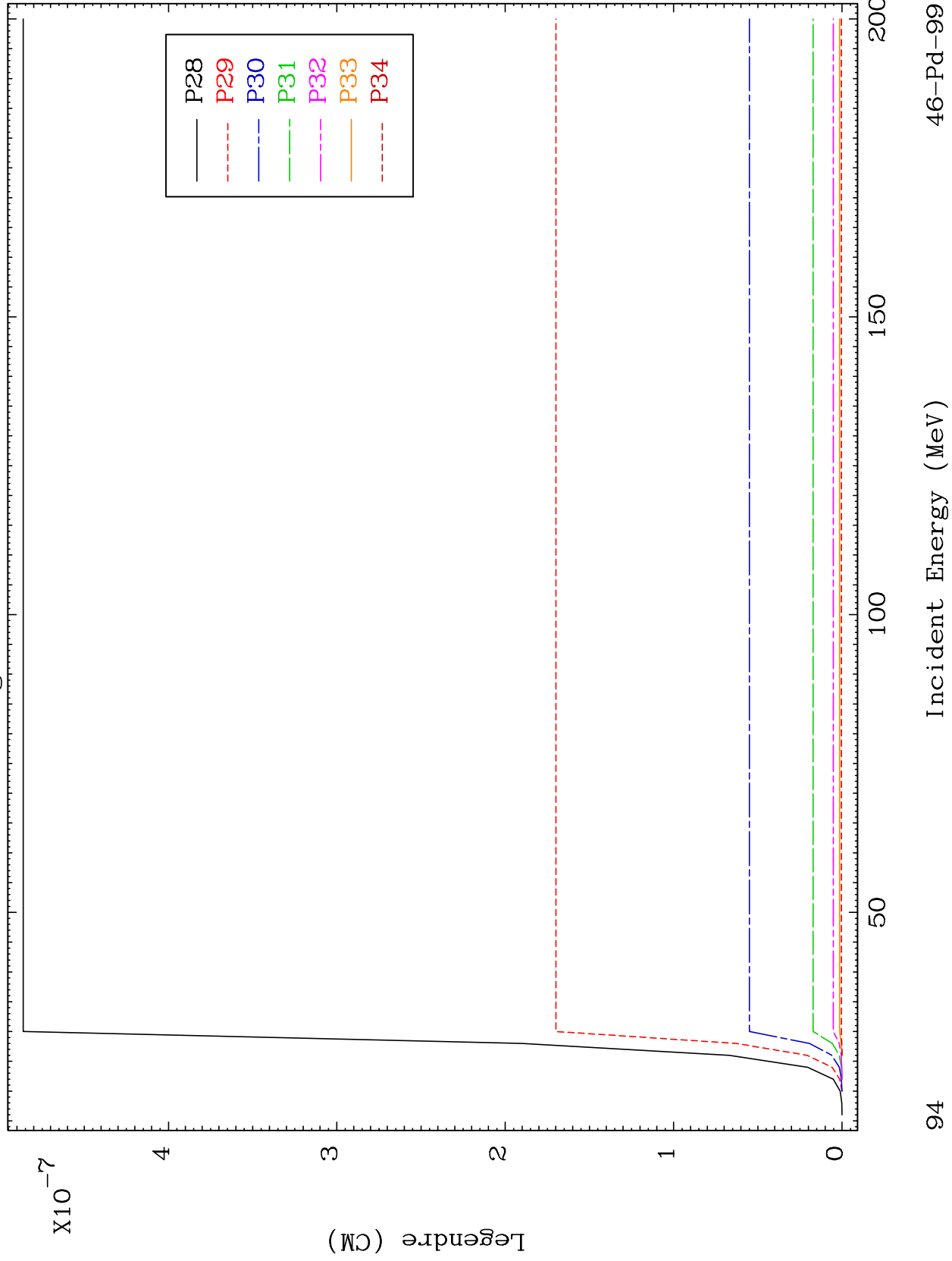
Incident Energy (MeV)

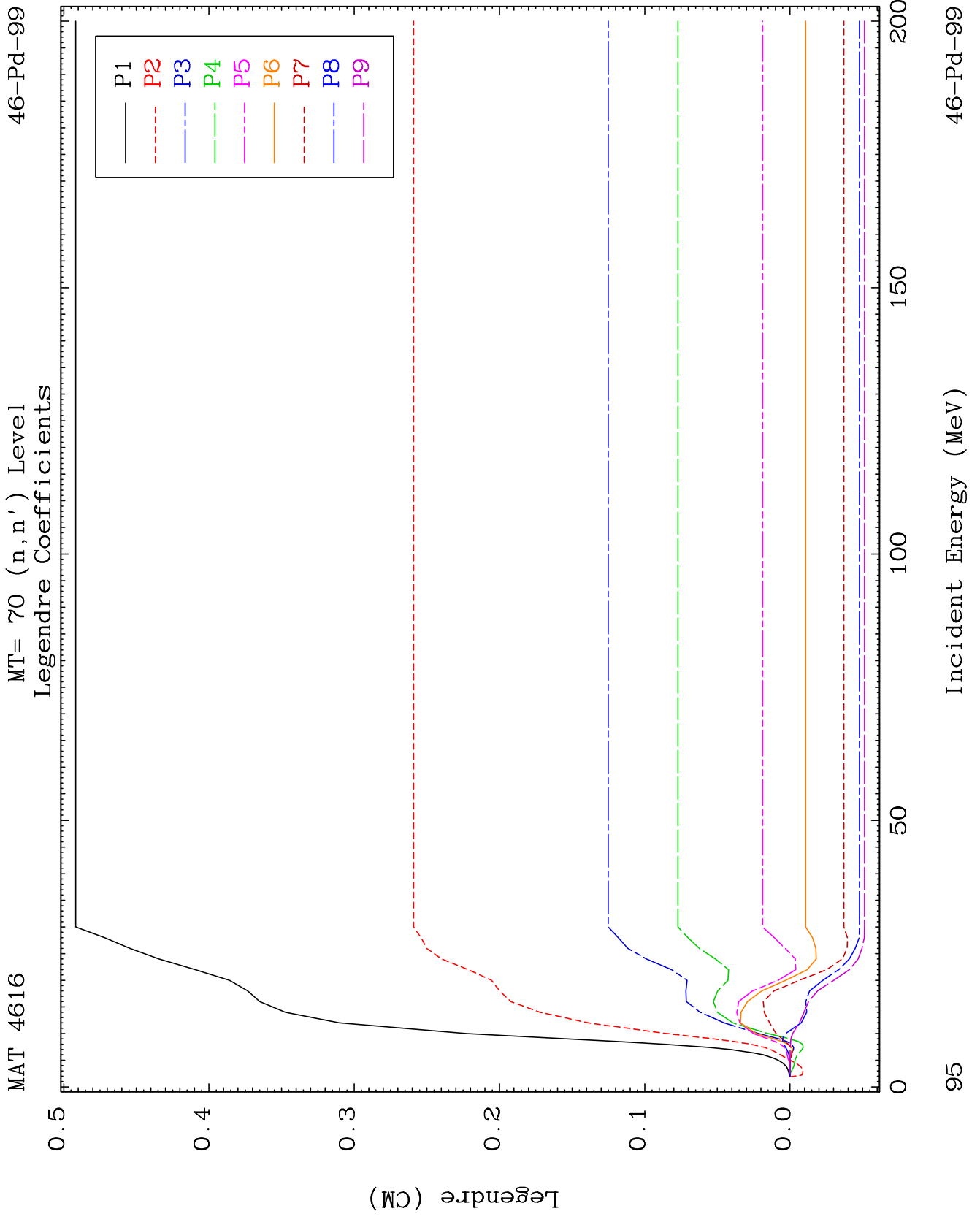
46-Pd-99

MAT 4616

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

46-Pd-99

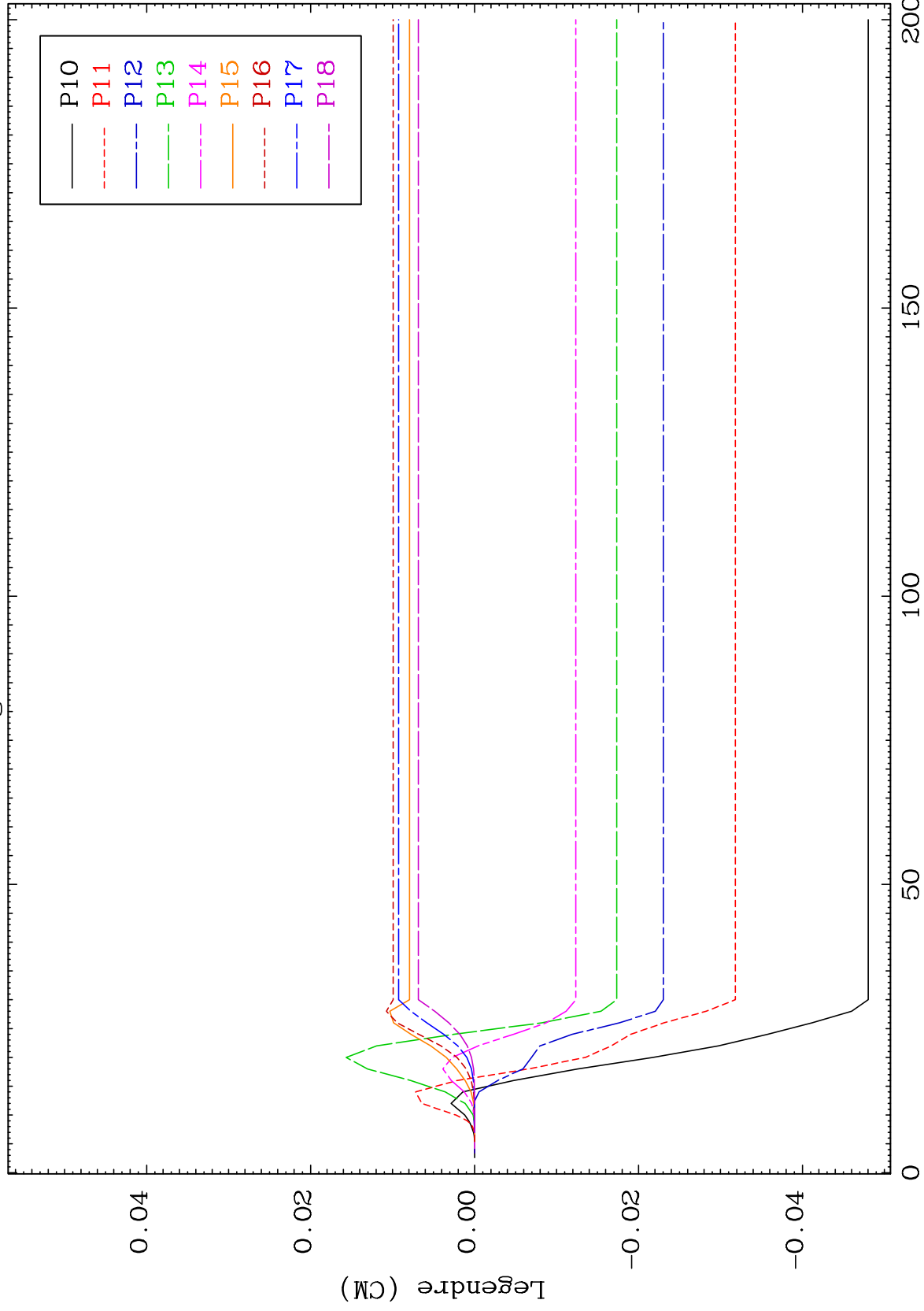




MAT 4616

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

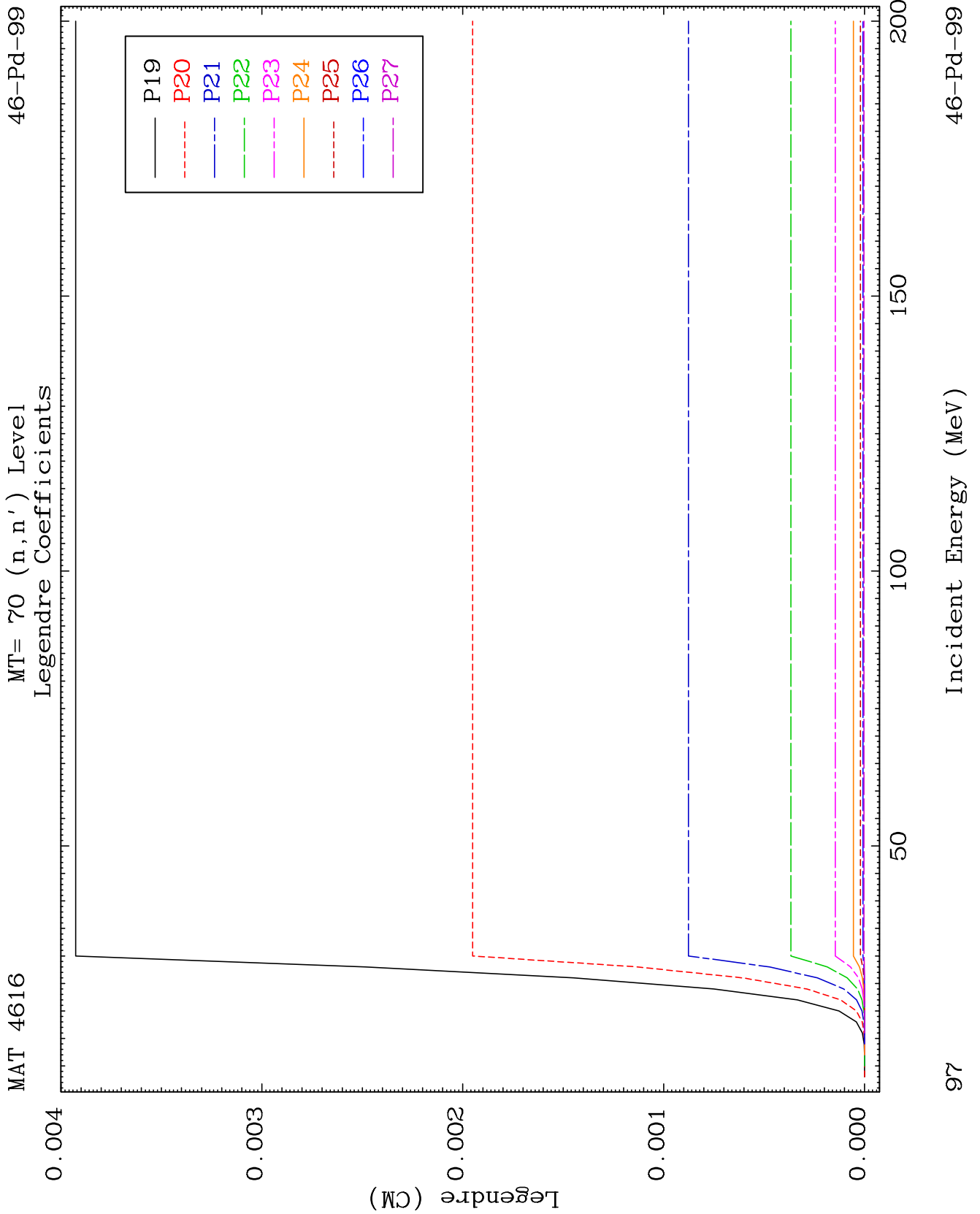
46-Pd-99



96

Incident Energy (MeV)

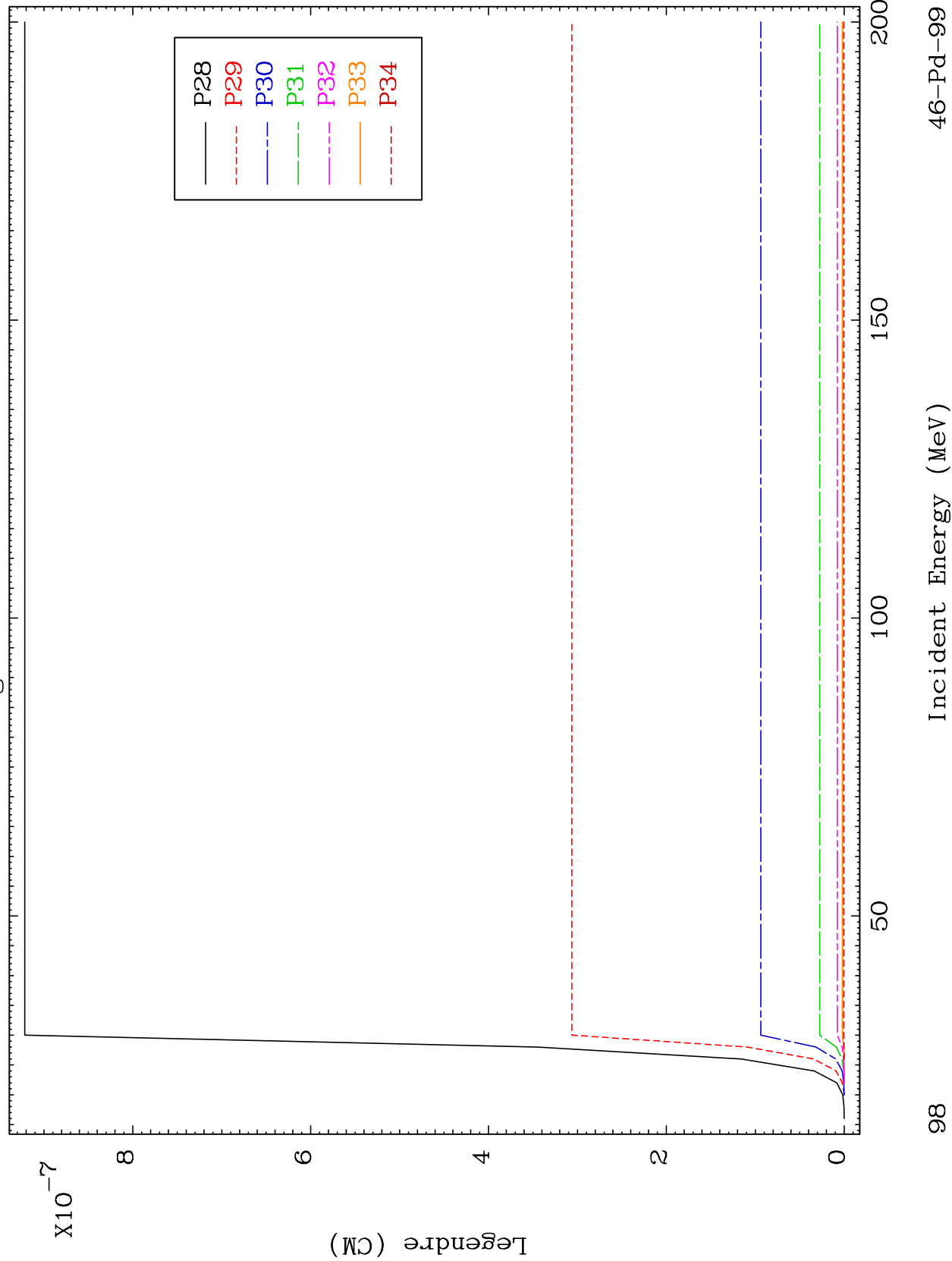
46-Pd-99



MAT 4616

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

46-Pd-99



98

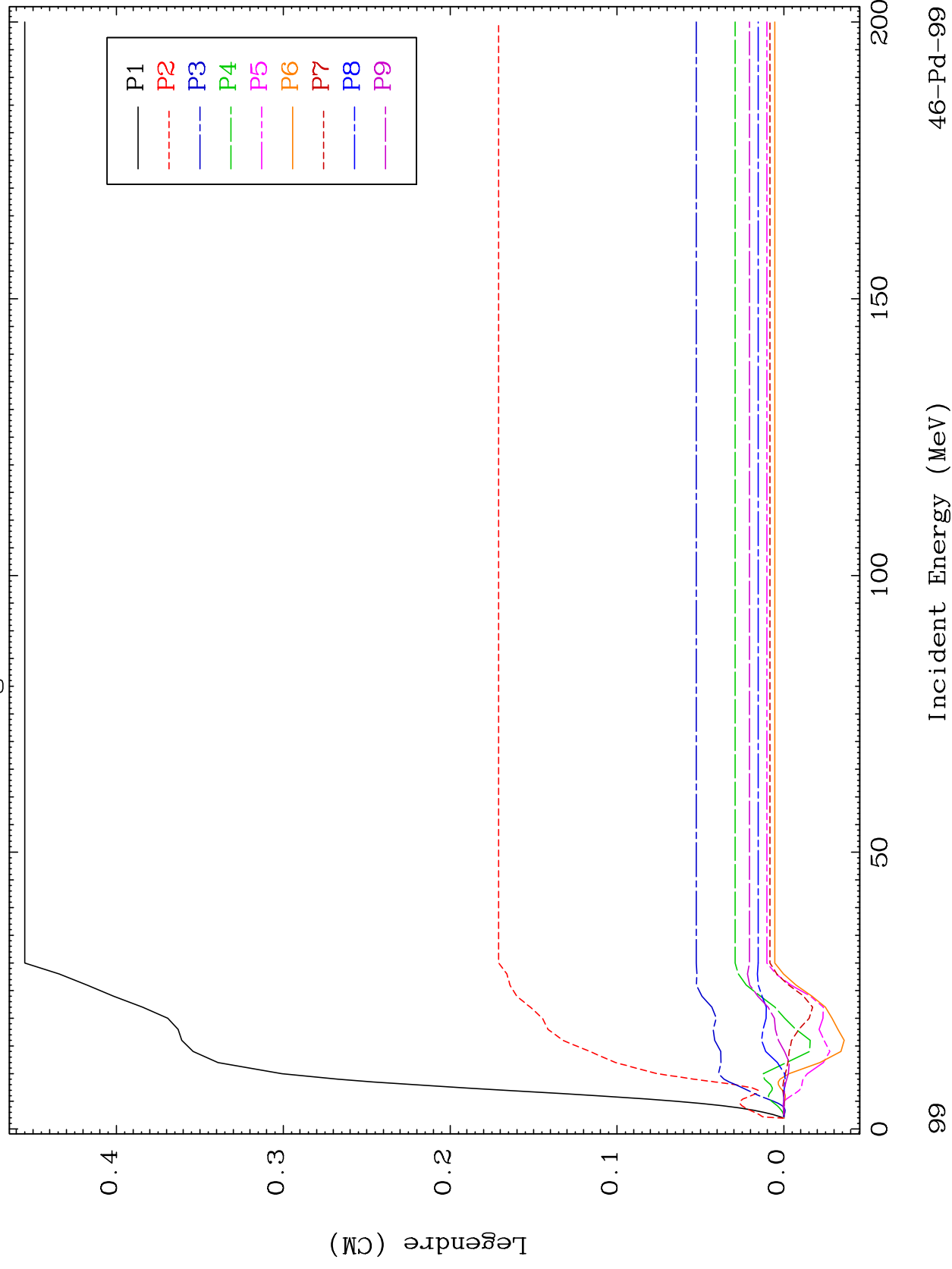
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



99

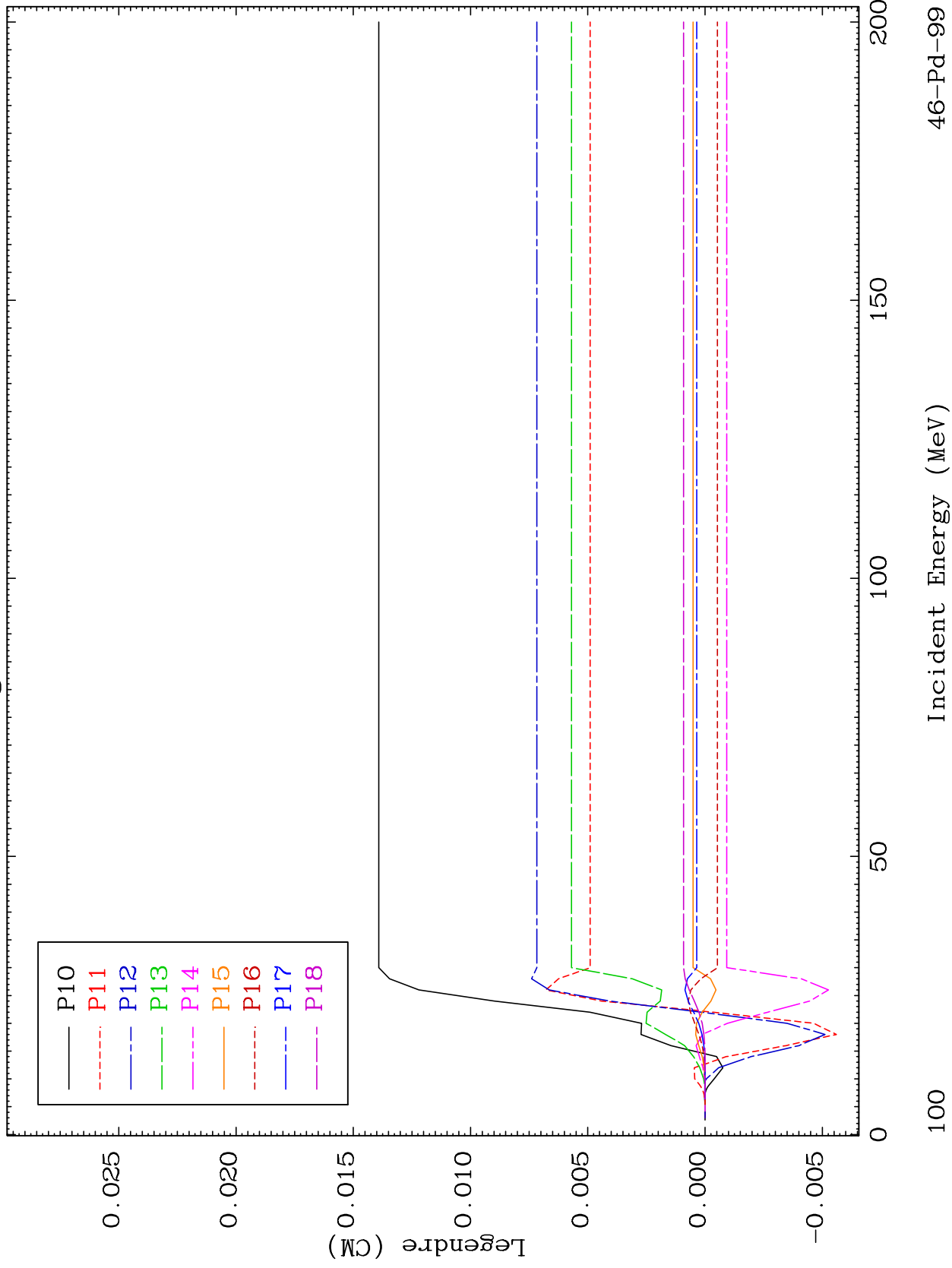
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99

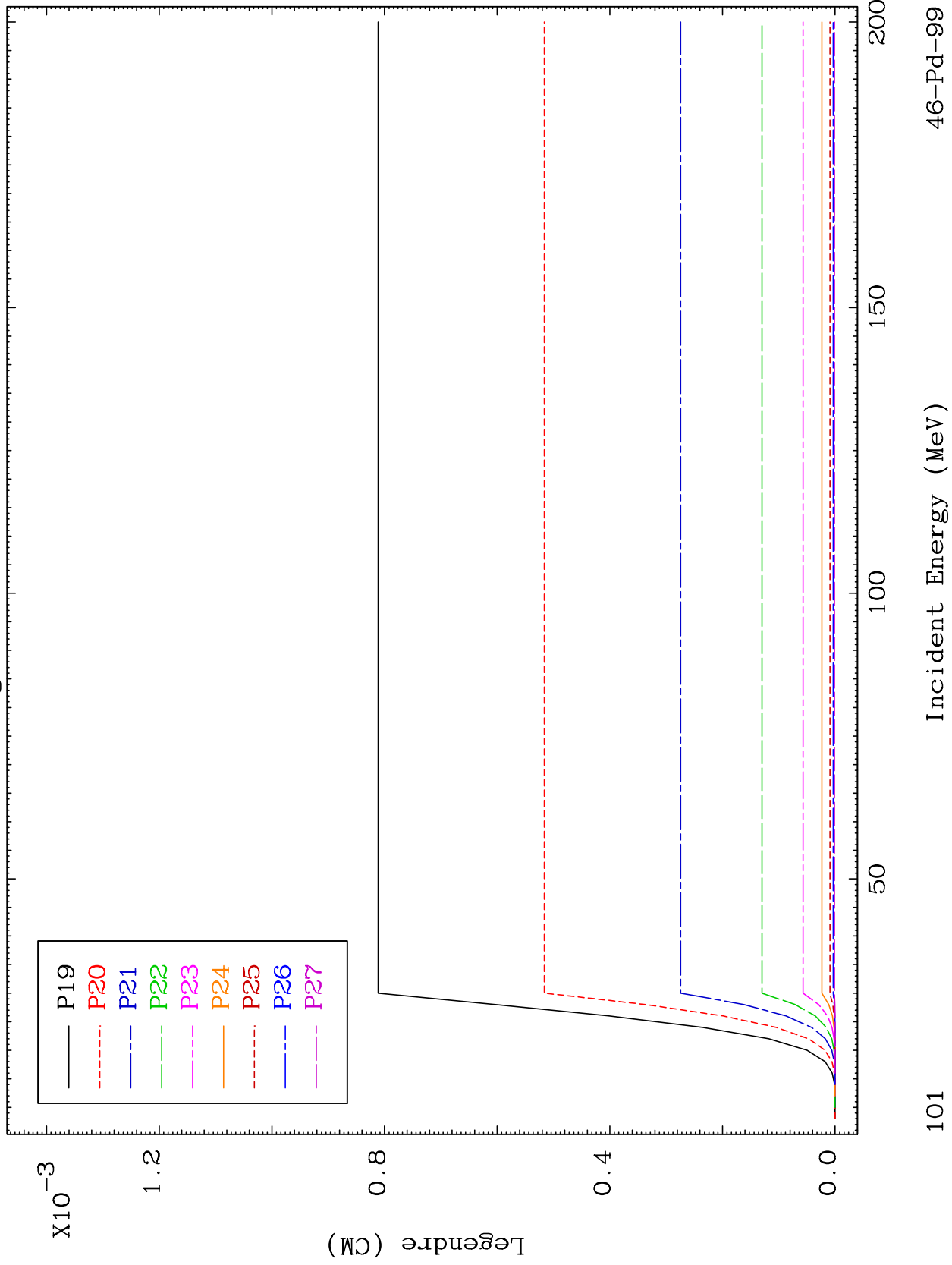


46-Pd-99

MAT 4616

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

46-Pd-99



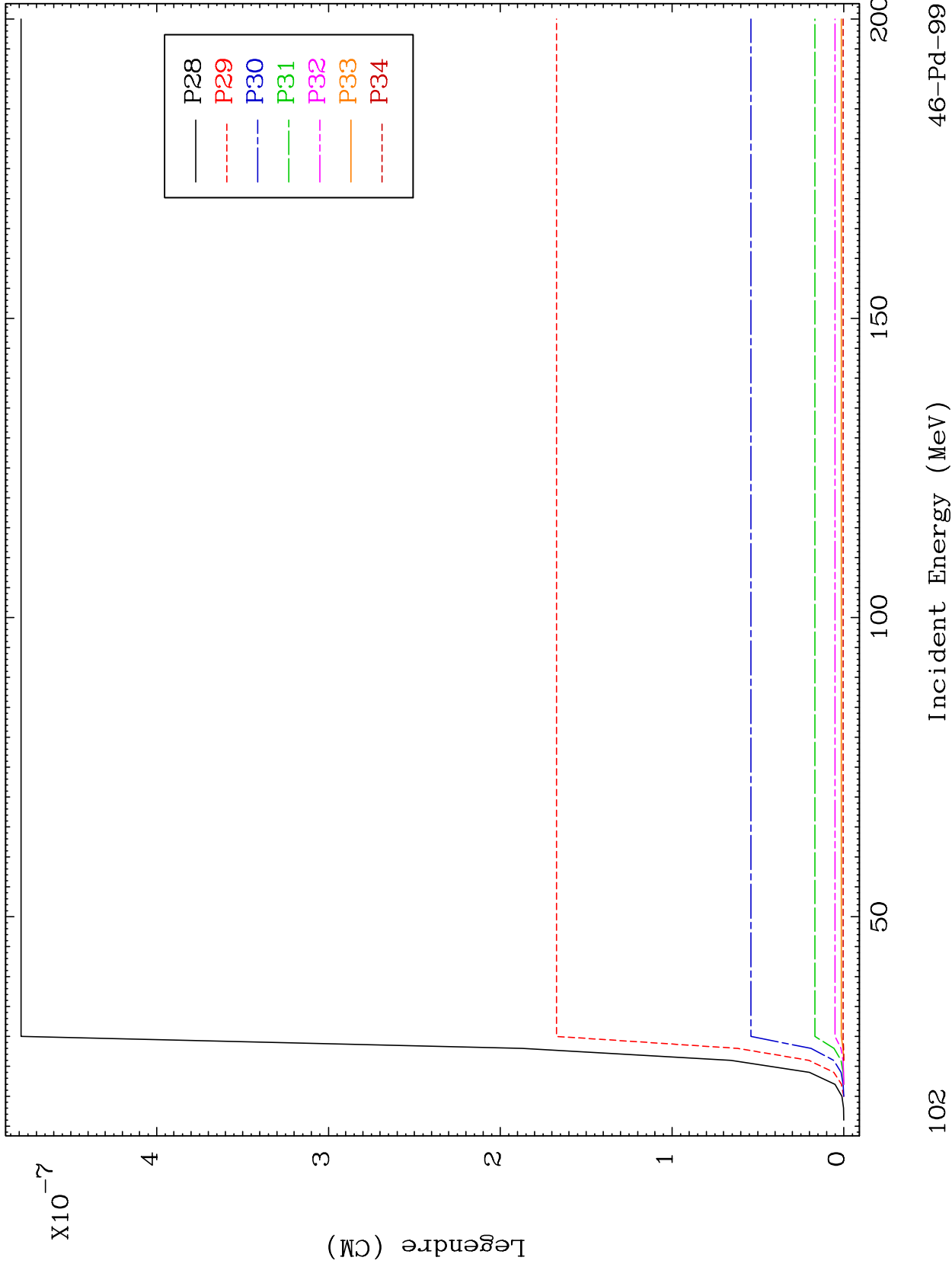
101

46-Pd-99

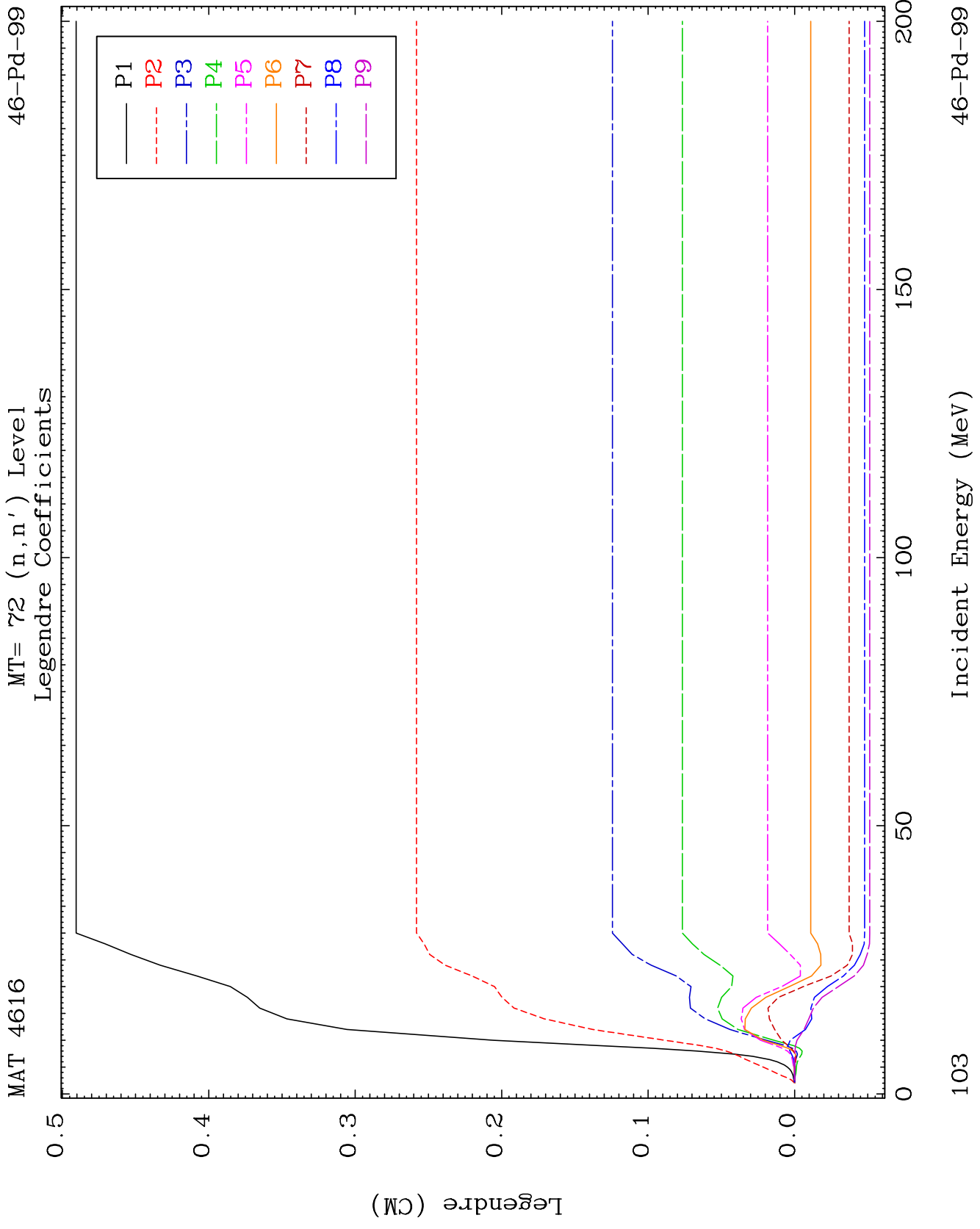
MAT 4616

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

46-Pd-99



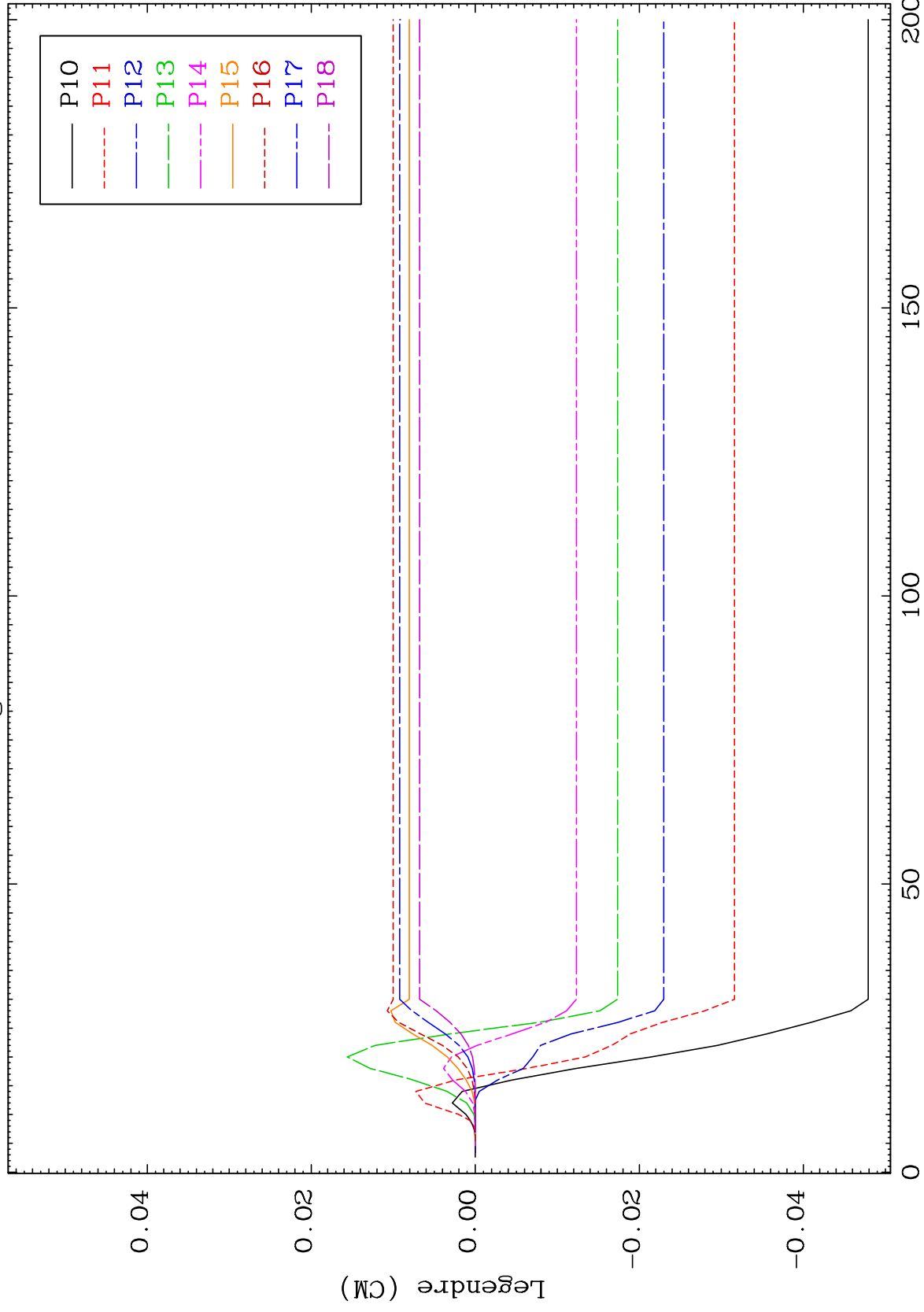
102



MAT 4616

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

46-Pd-99



104

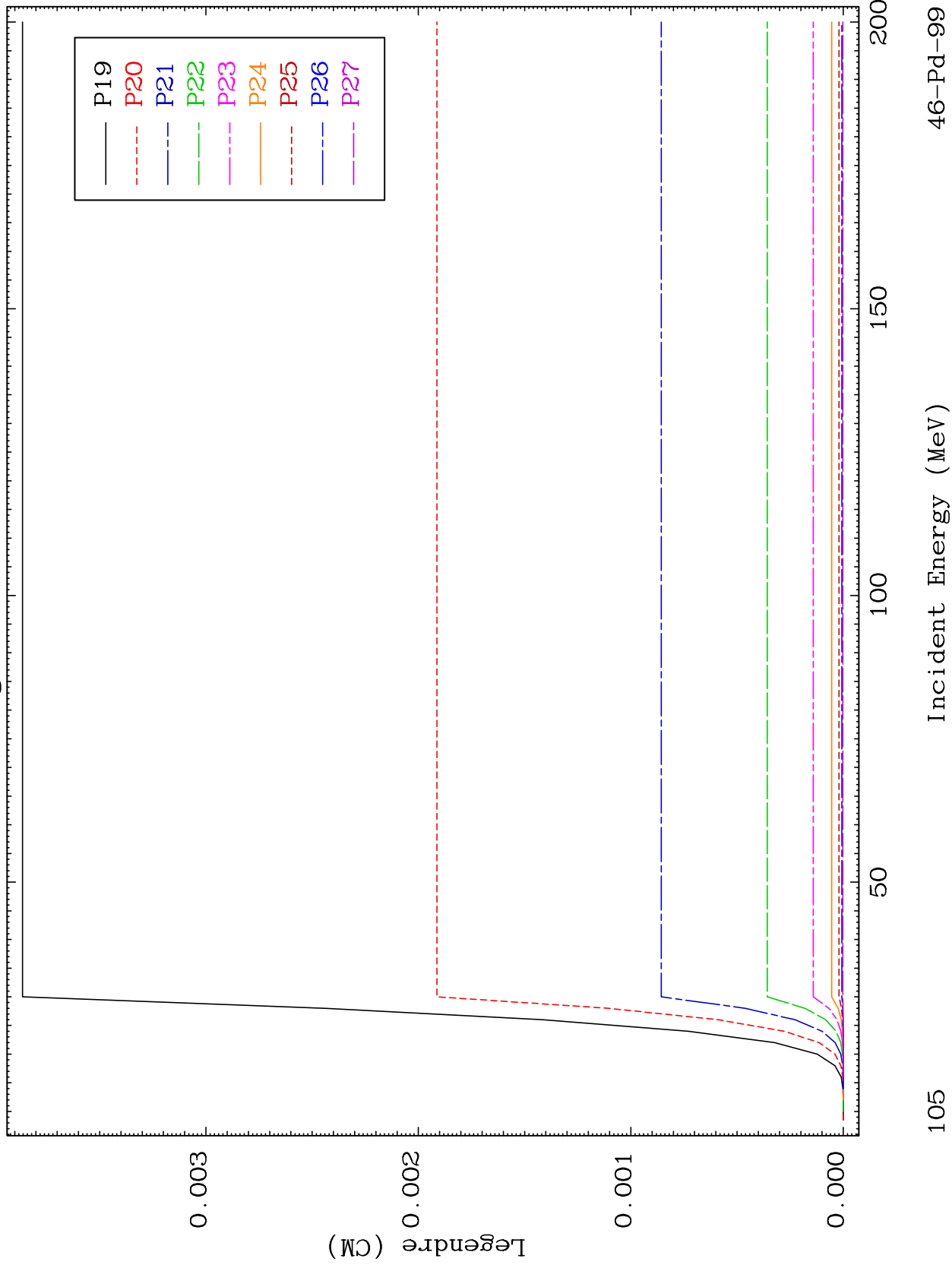
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



46-Pd-99

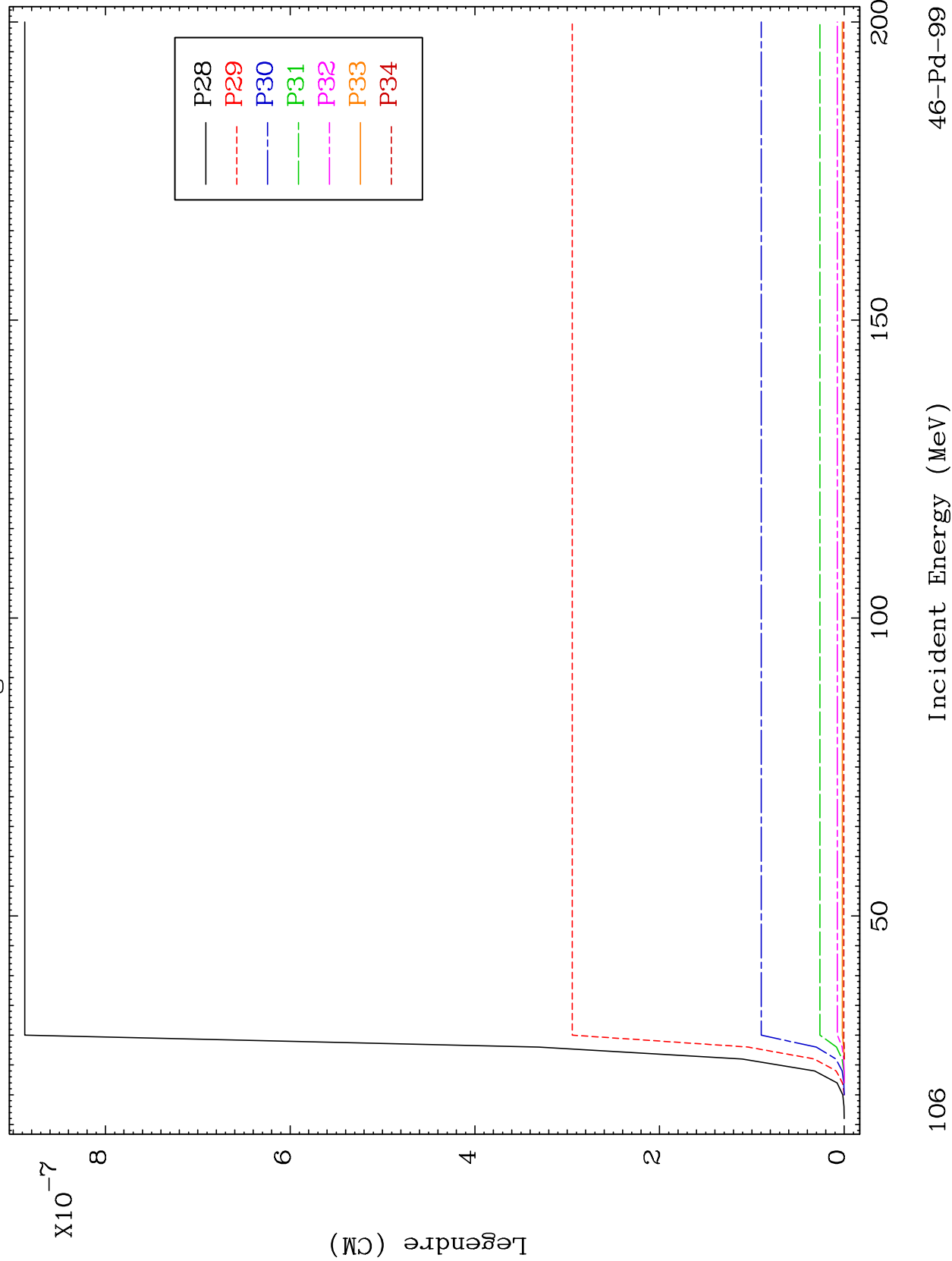
Incident Energy (MeV)

105

MAT 4616

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

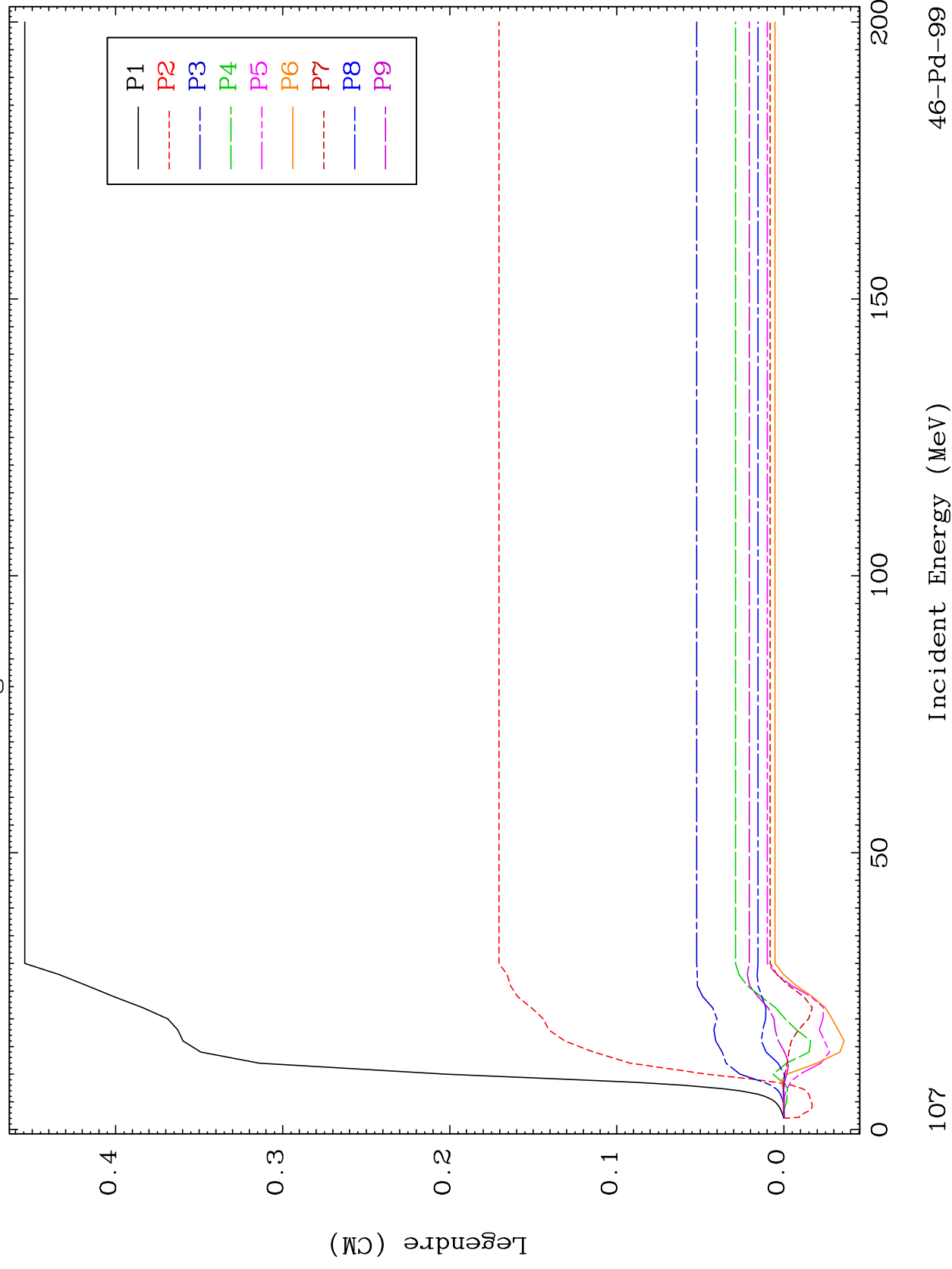
46-Pd-99



MAT 4616

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

46-Pd-99



46-Pd-99

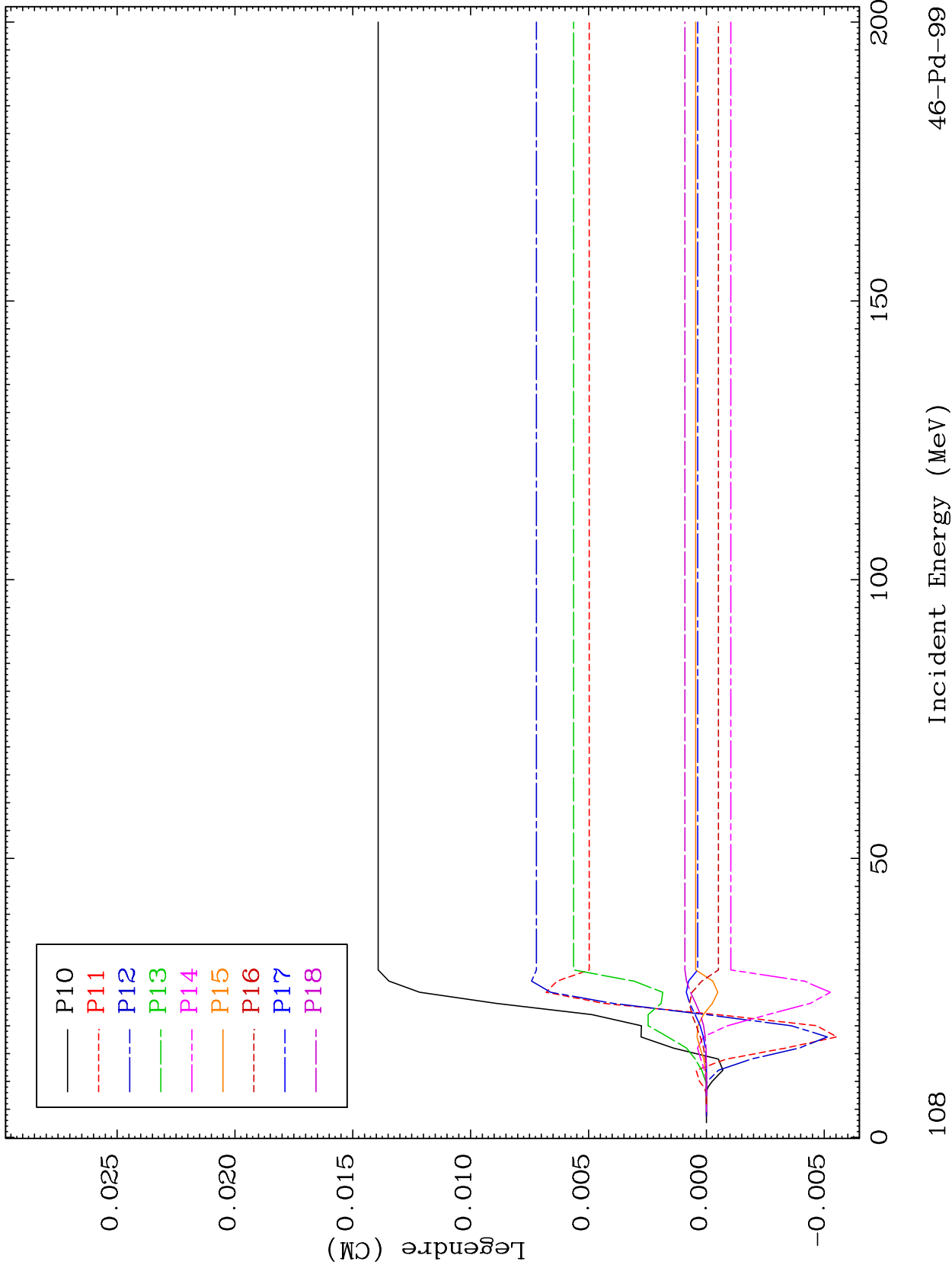
Incident Energy (MeV)

107

MAT 4616

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

46-Pd-99



108

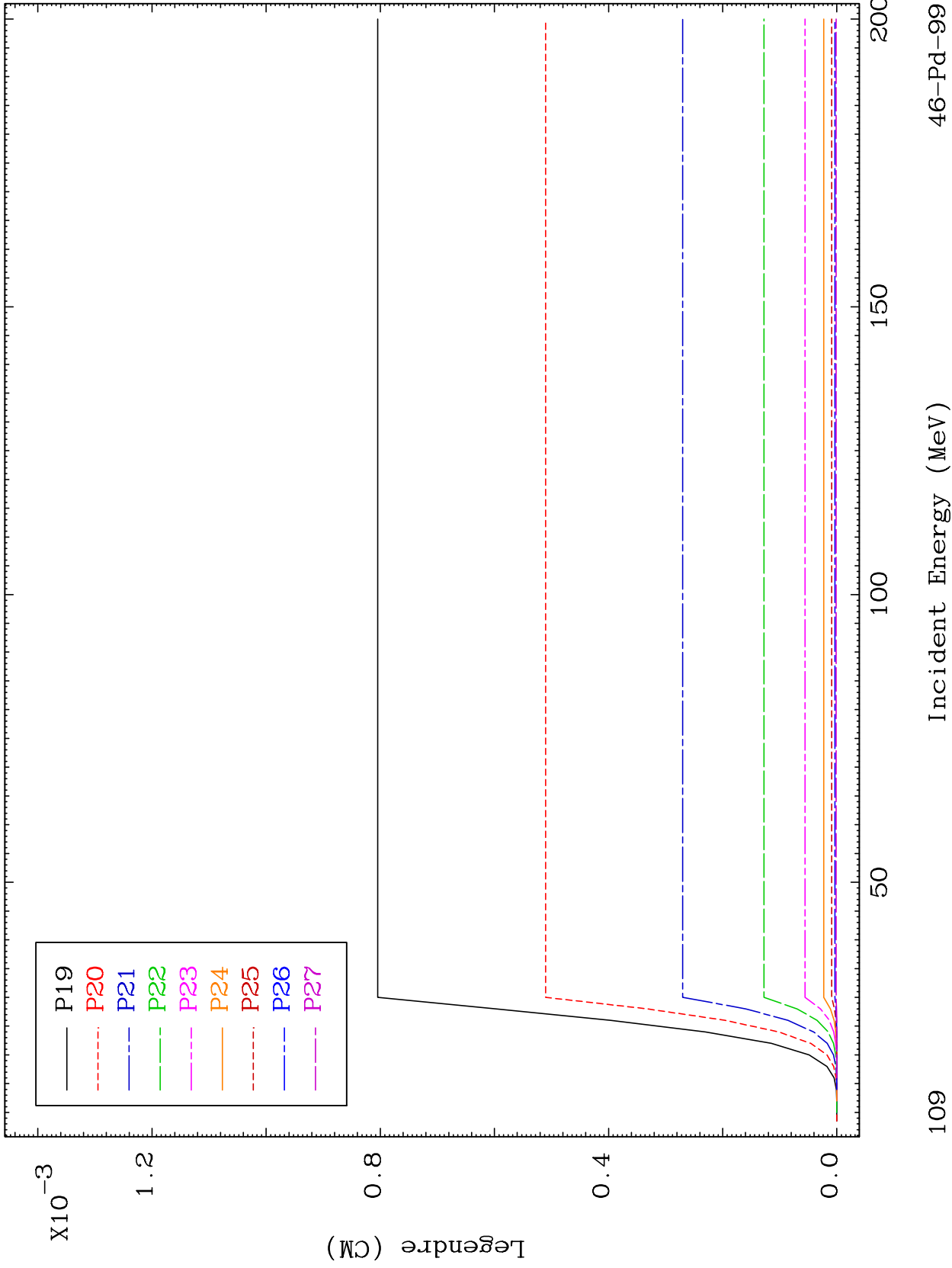
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99

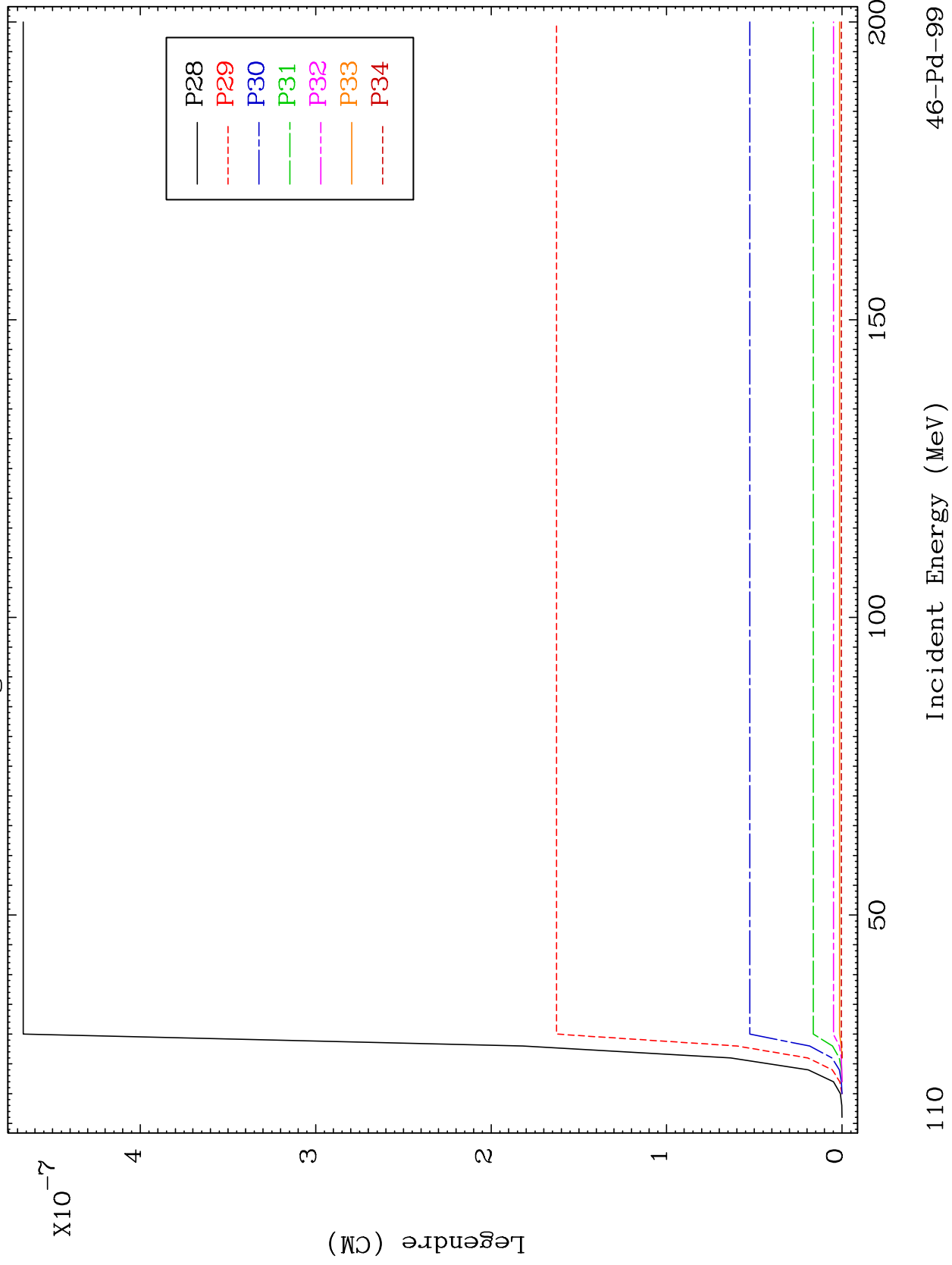


109

MAT 4616

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

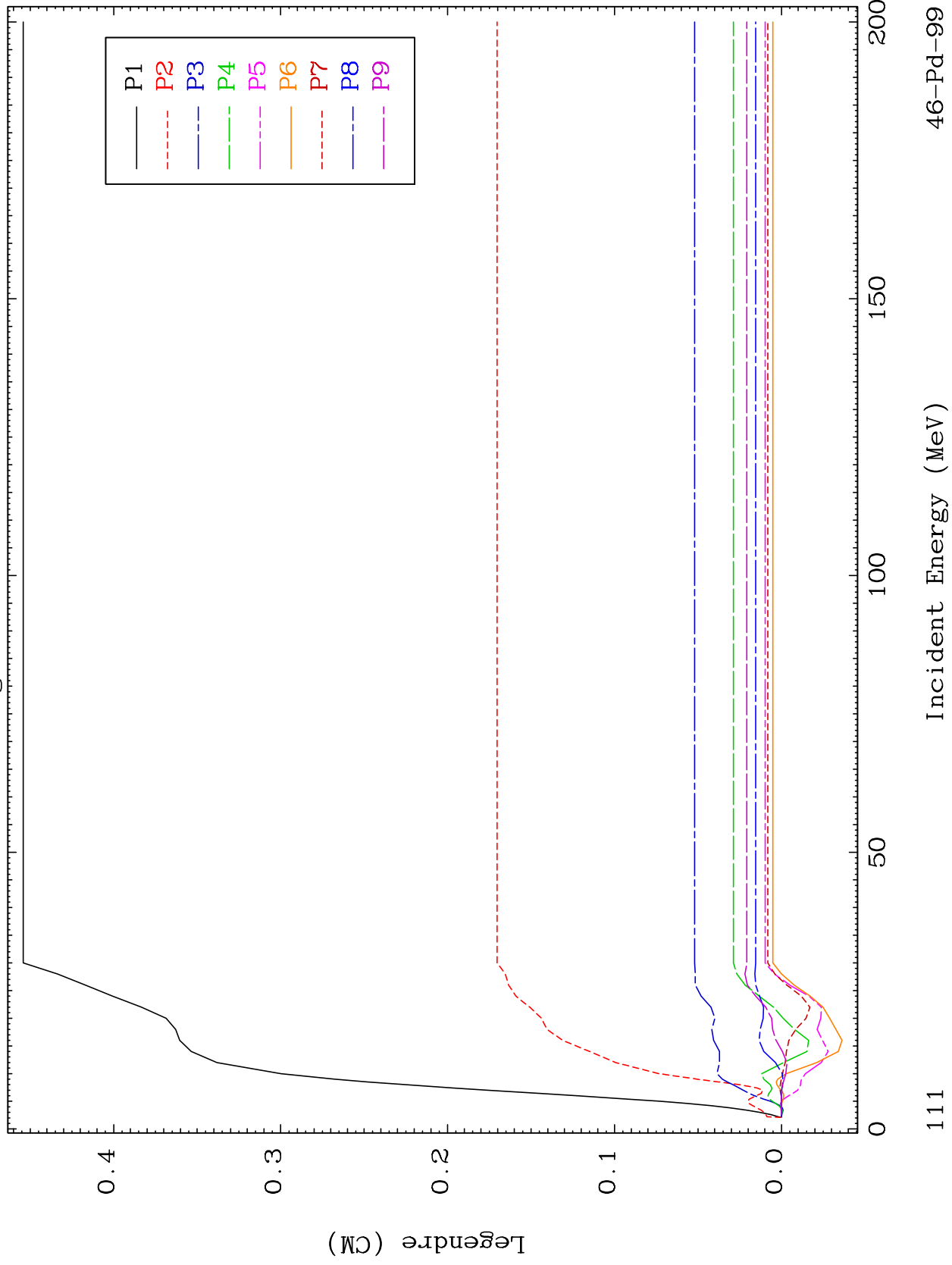
46-Pd-99



MAT 4616

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

46-Pd-99



111

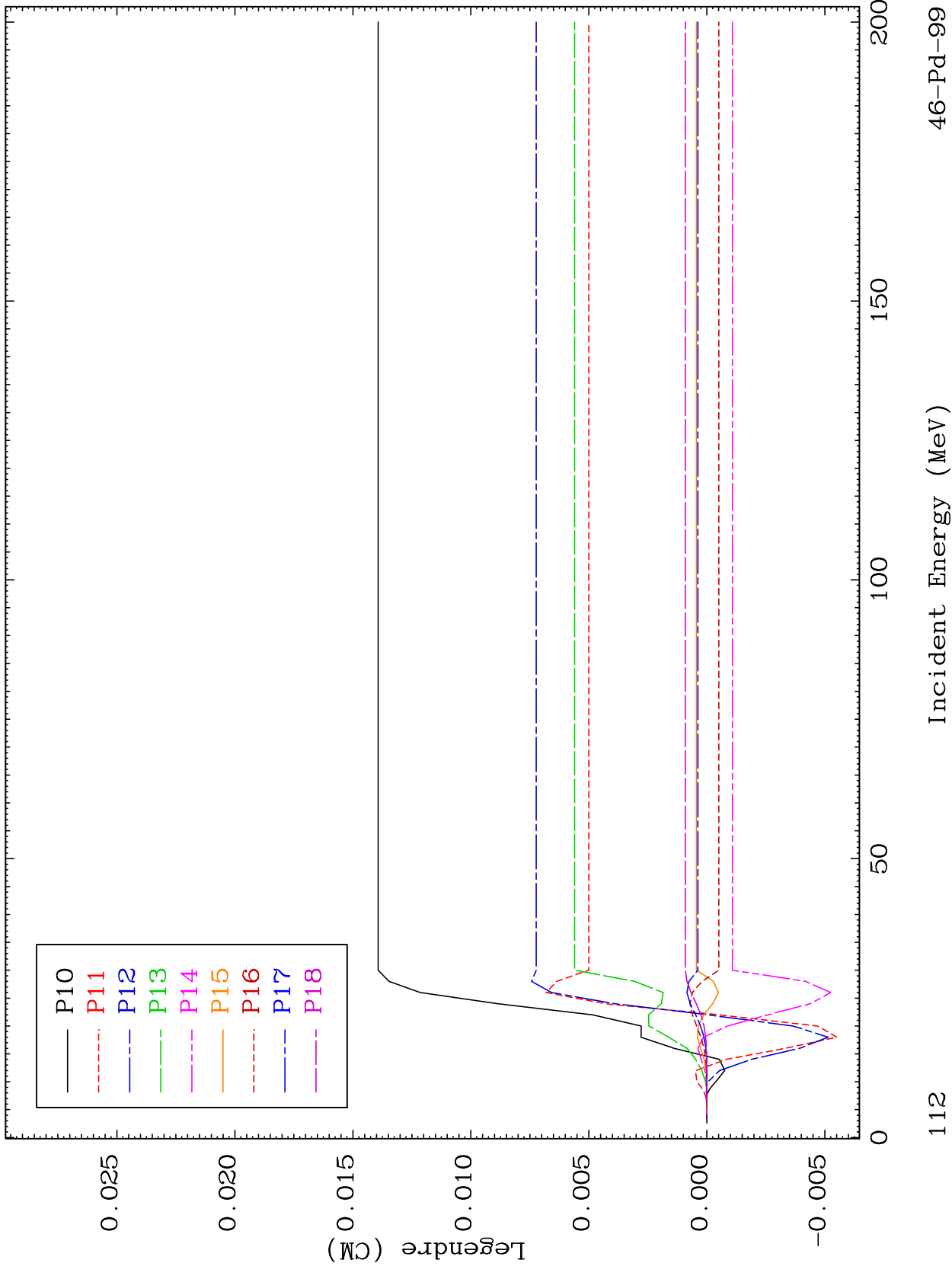
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



112

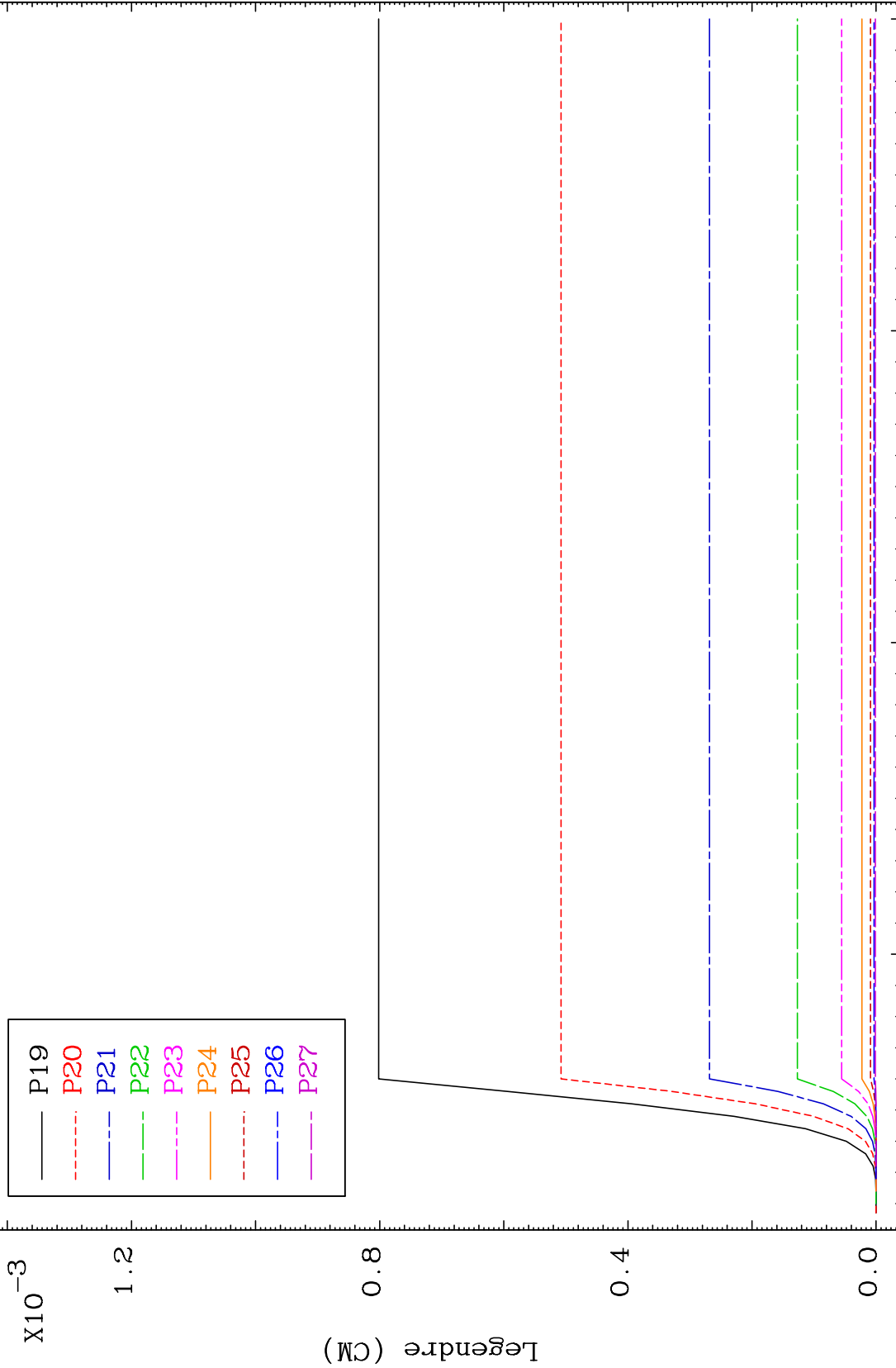
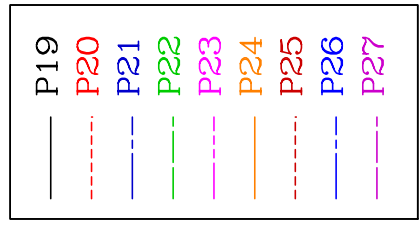
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



113

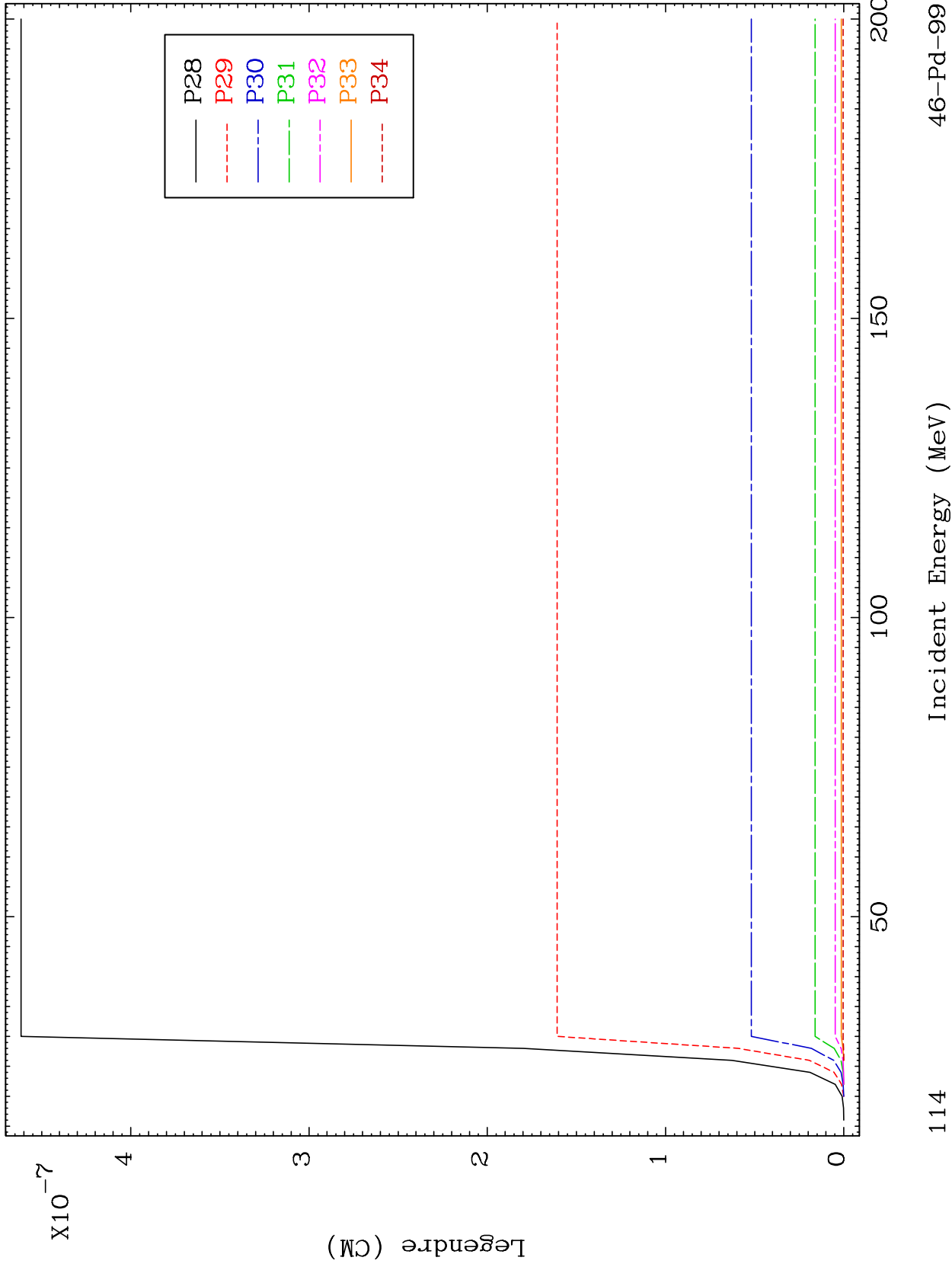
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

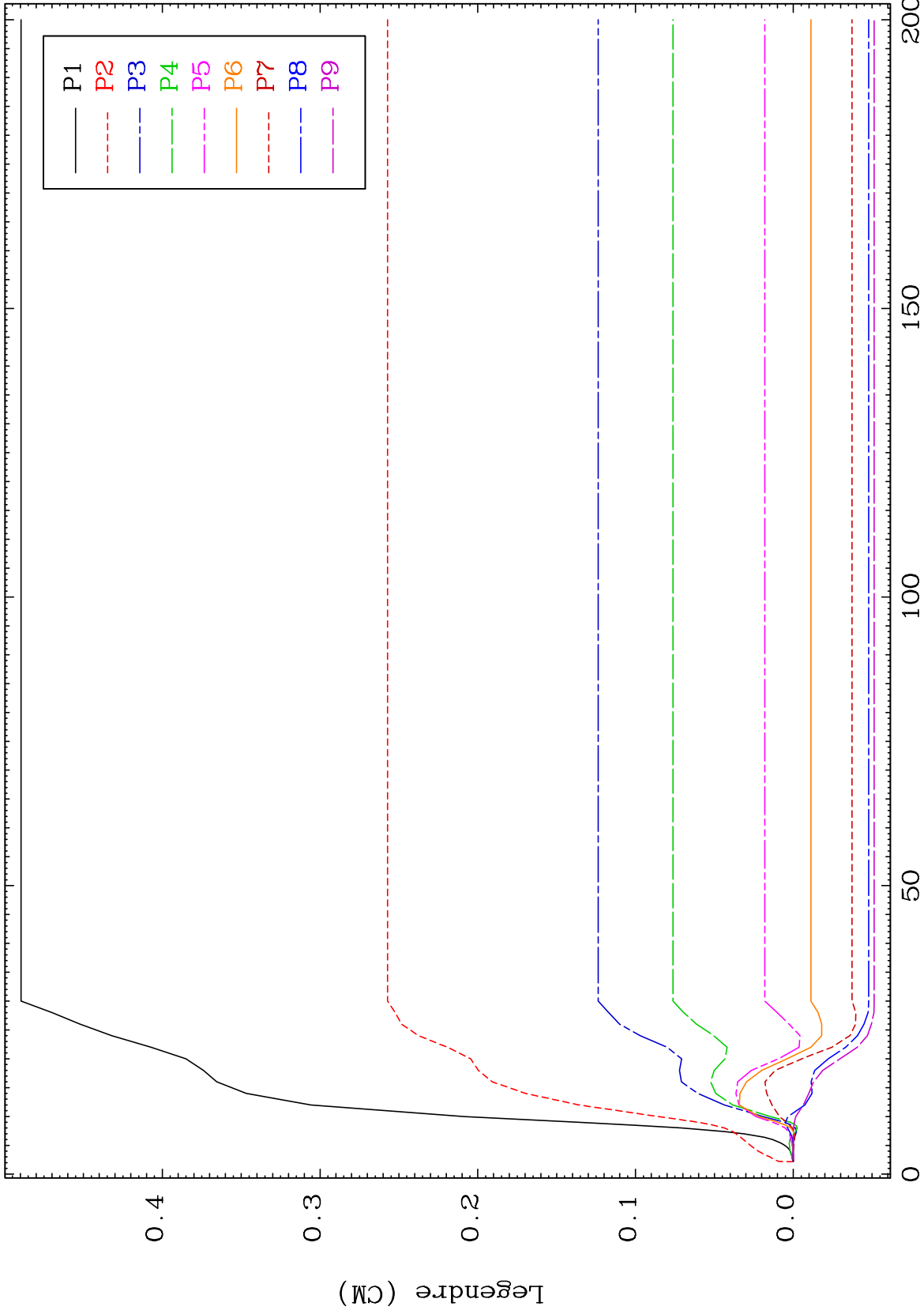
46-Pd-99



MAT 4616

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

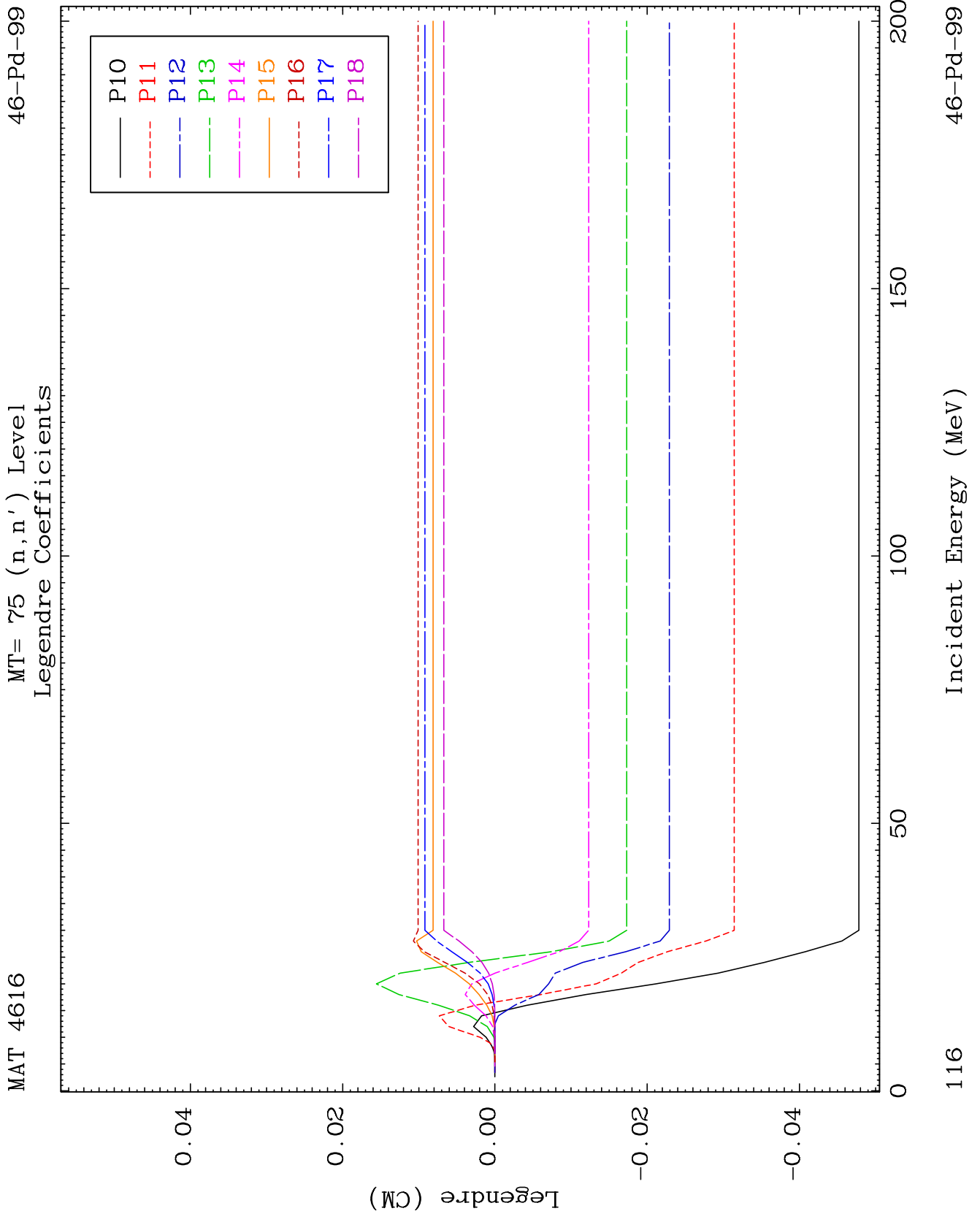
46-Pd-99



115

Incident Energy (MeV)

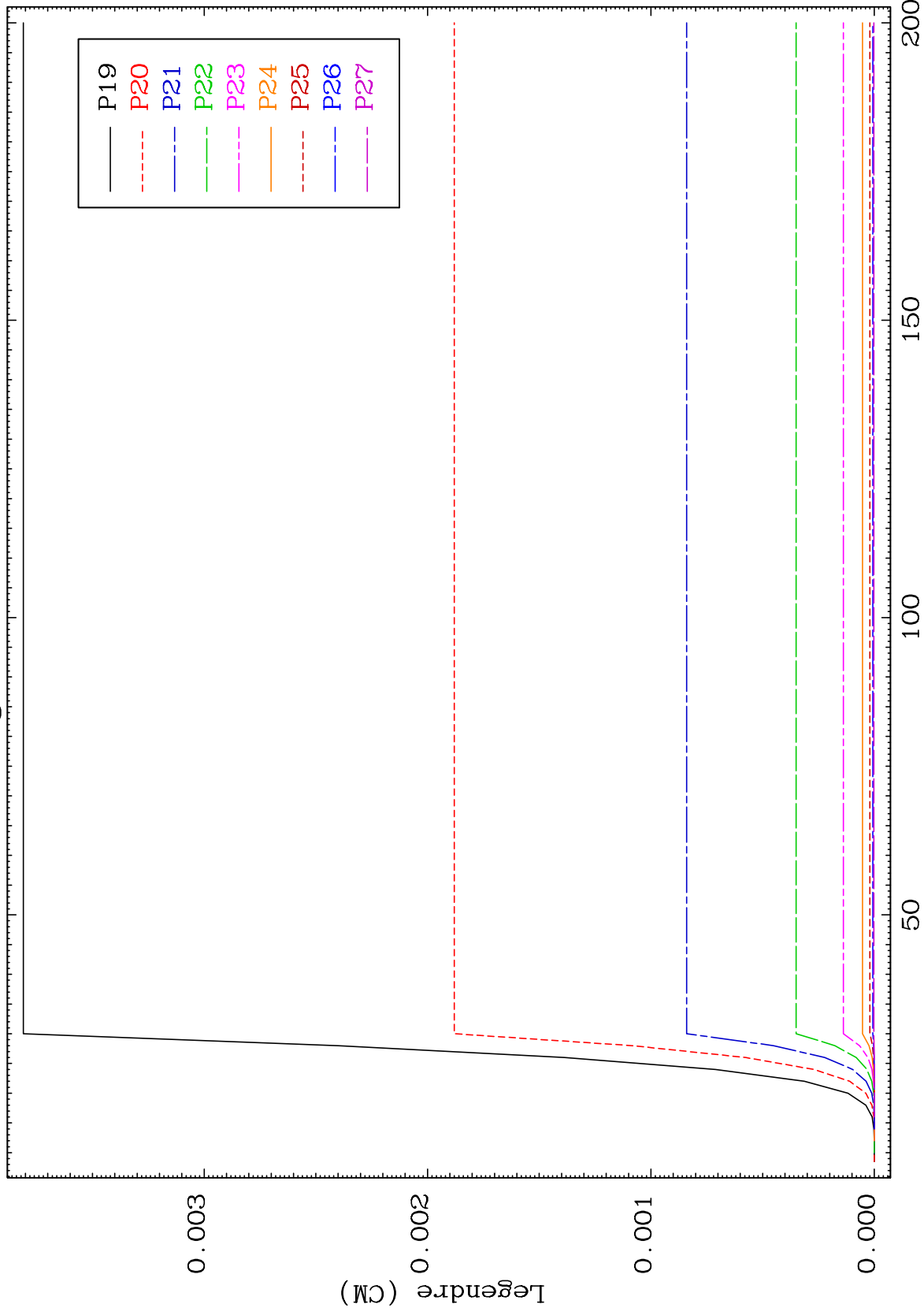
46-Pd-99



MAT 4616

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

46-Pd-99



117

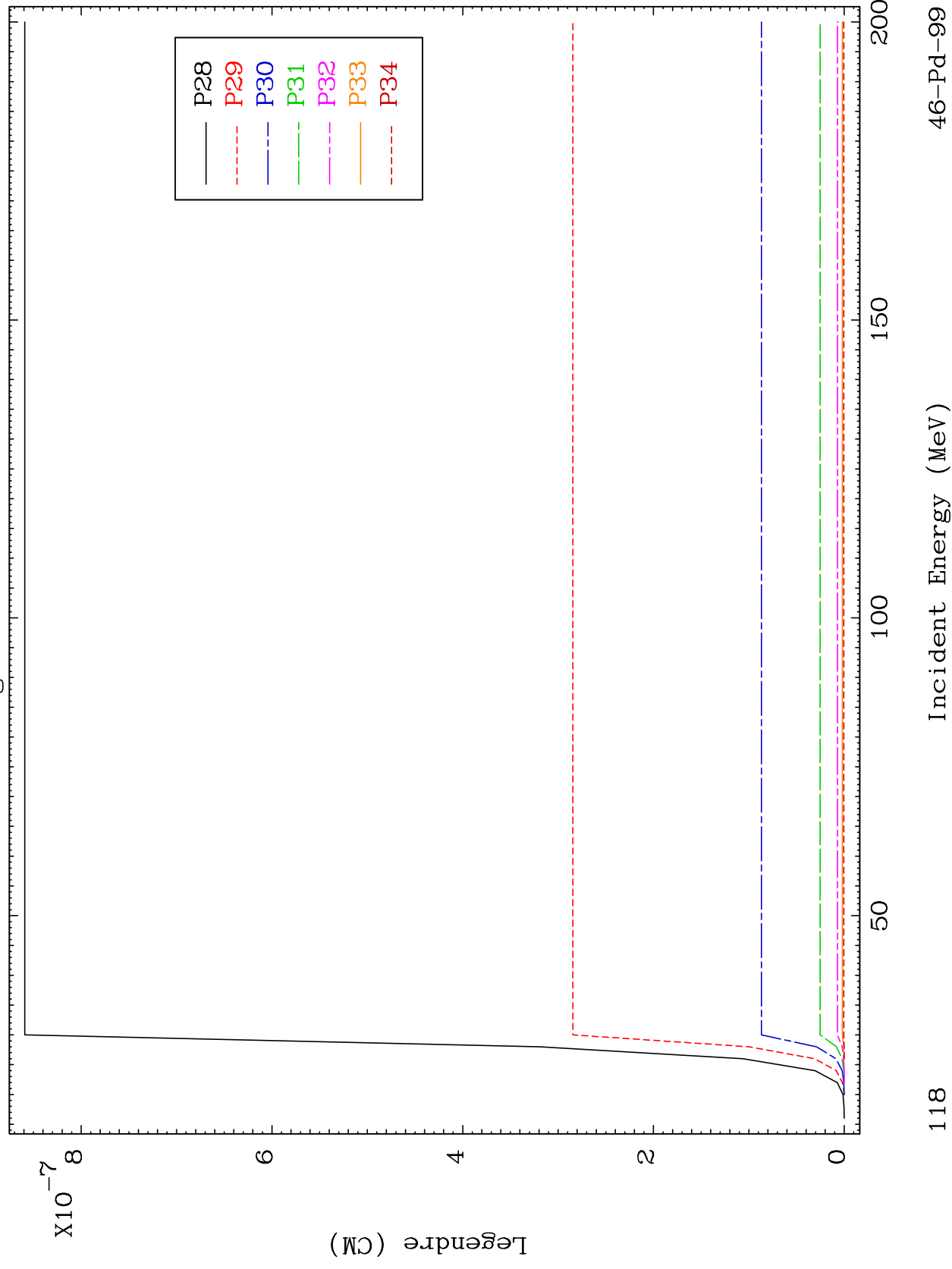
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99

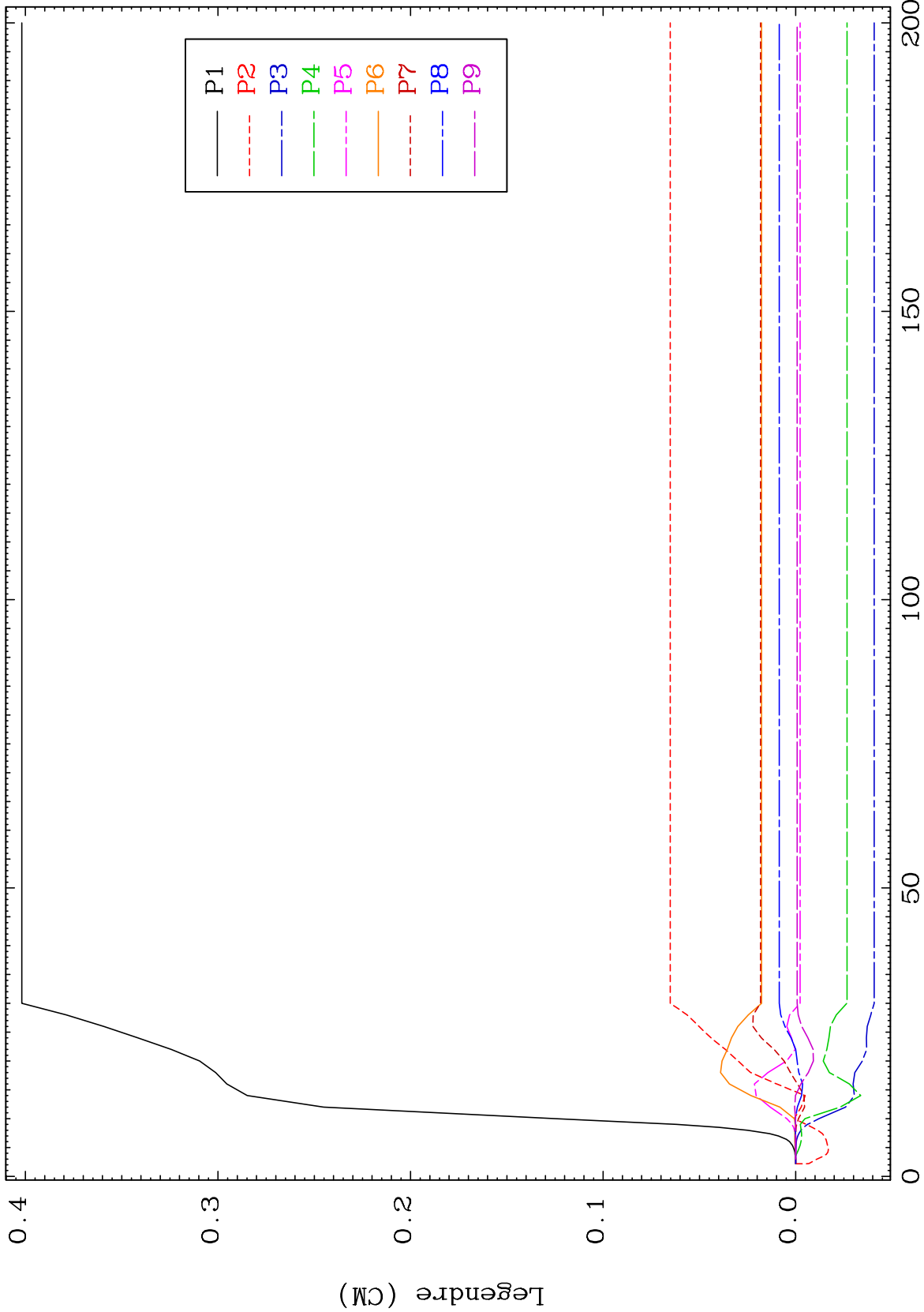


118

MAT 4616

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

46-Pd-99



119

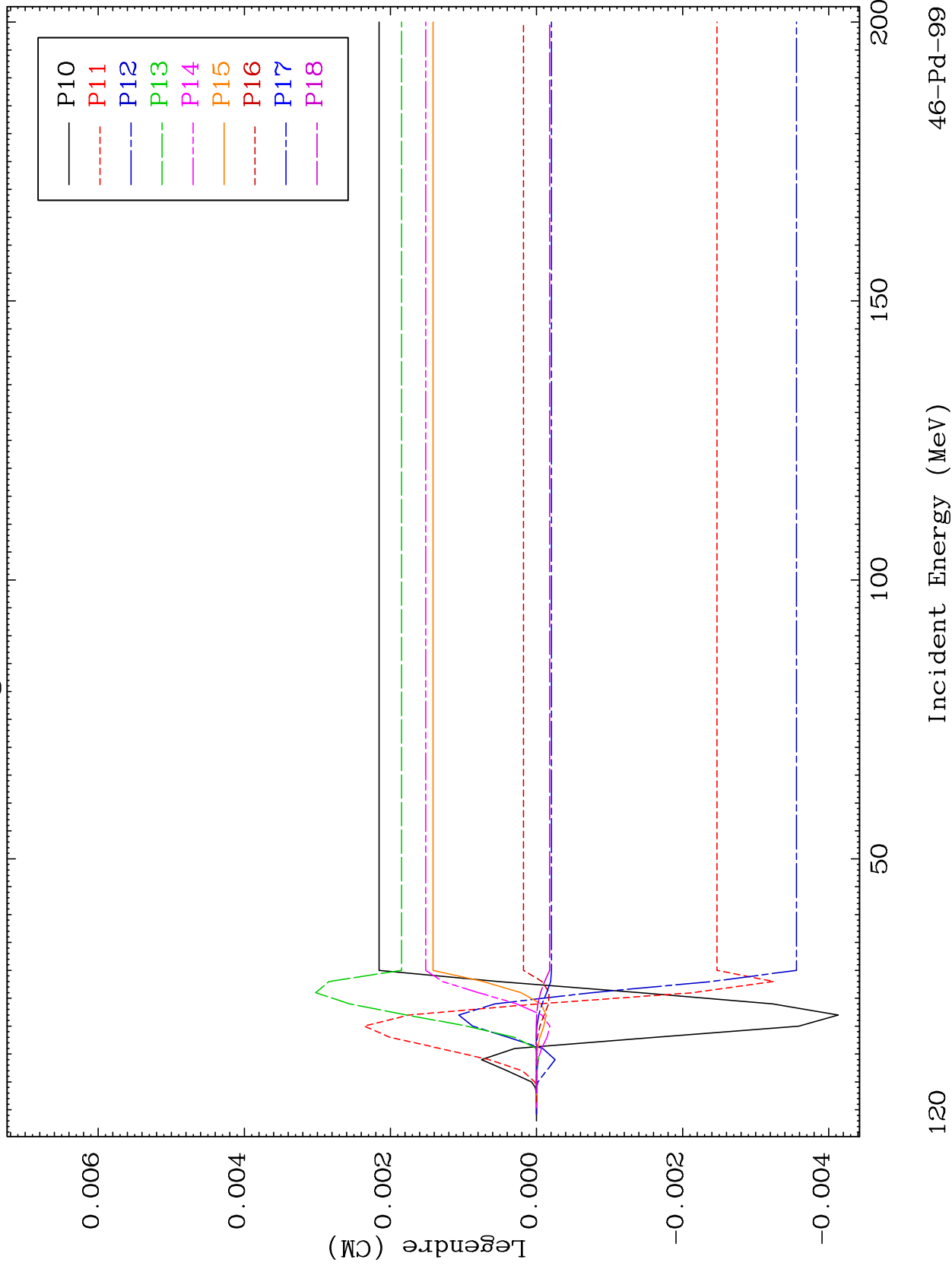
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

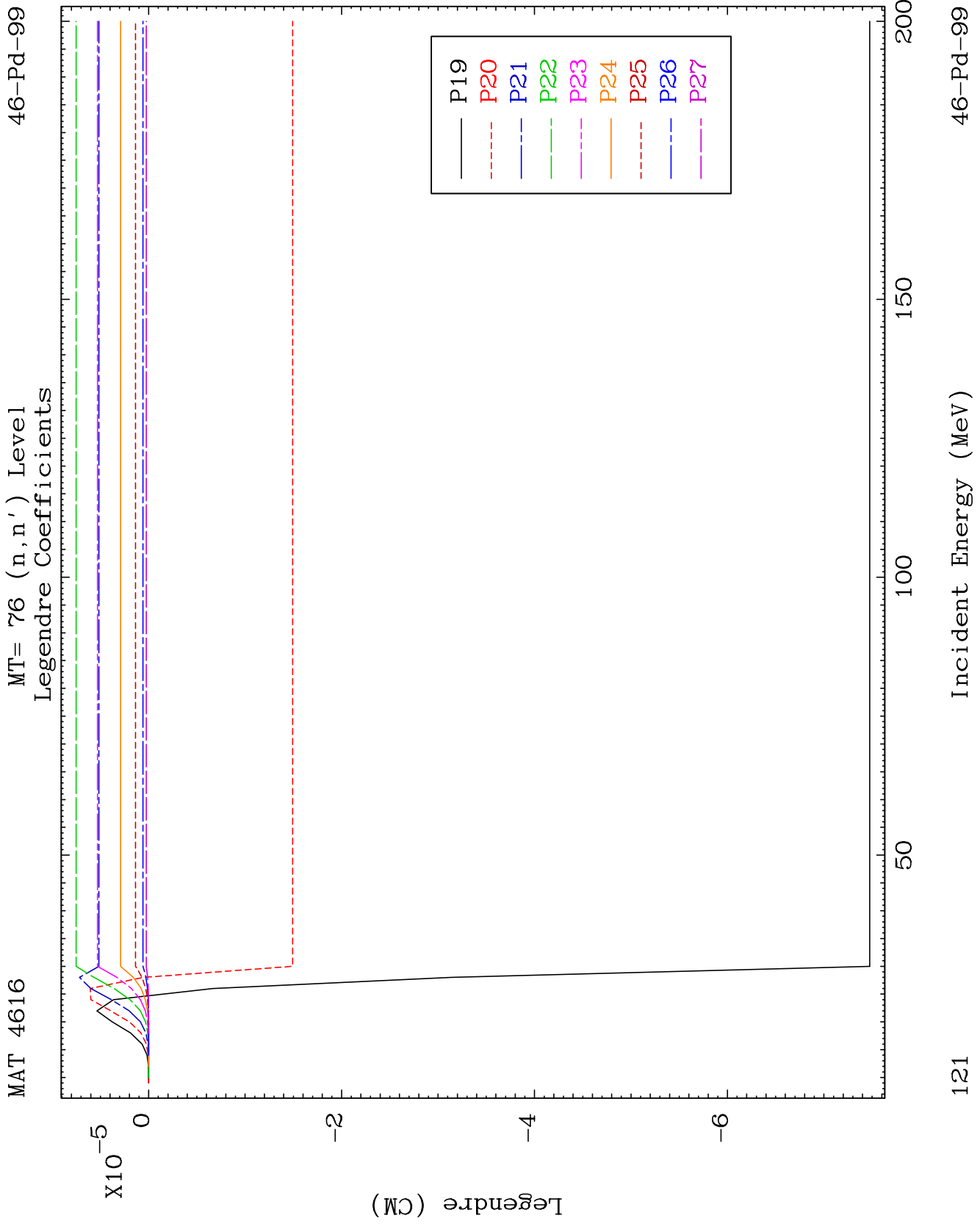
46-Pd-99



46-Pd-99

Incident Energy (MeV)

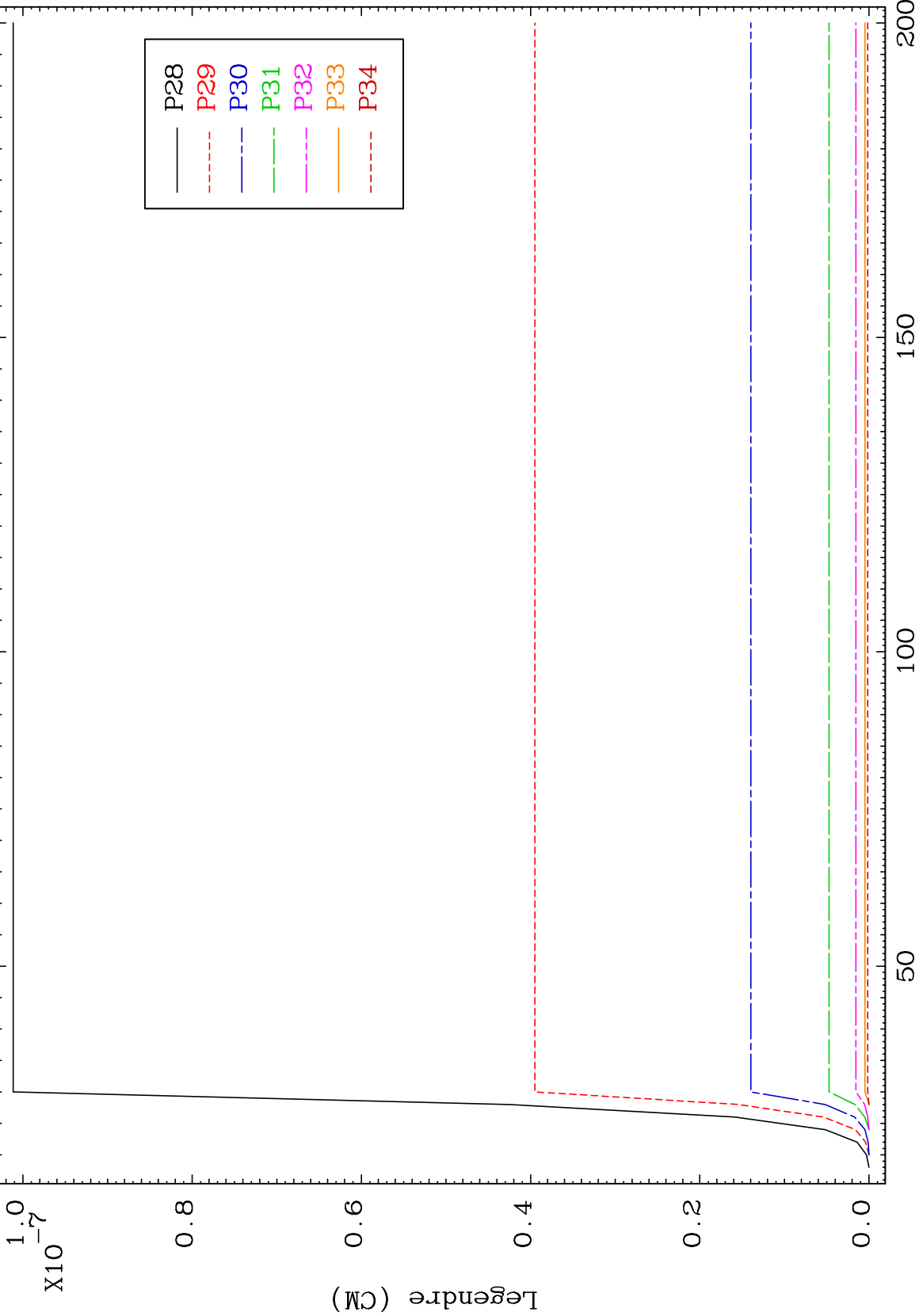
120



MAT 4616

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

46-Pd-99



122

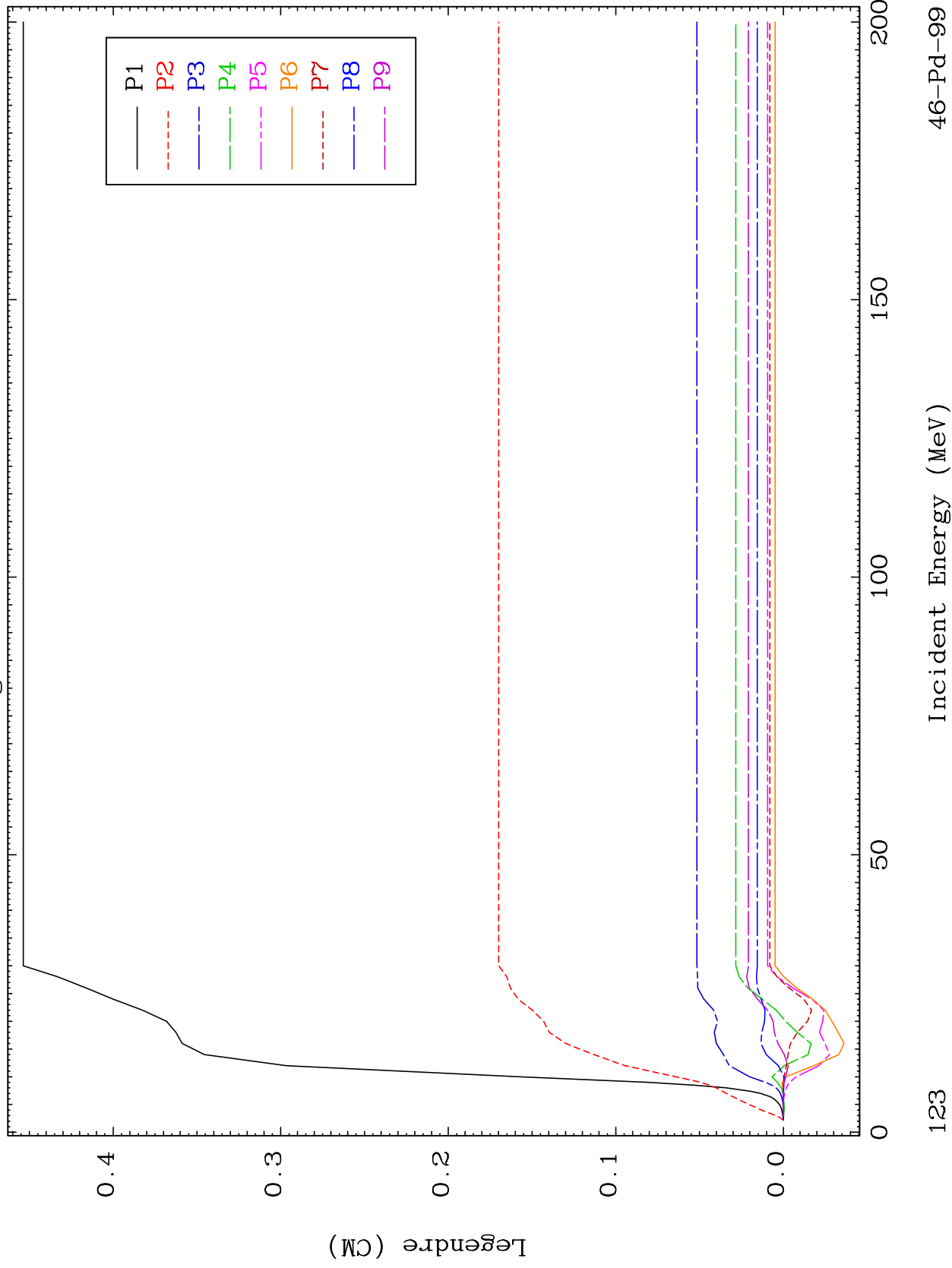
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99

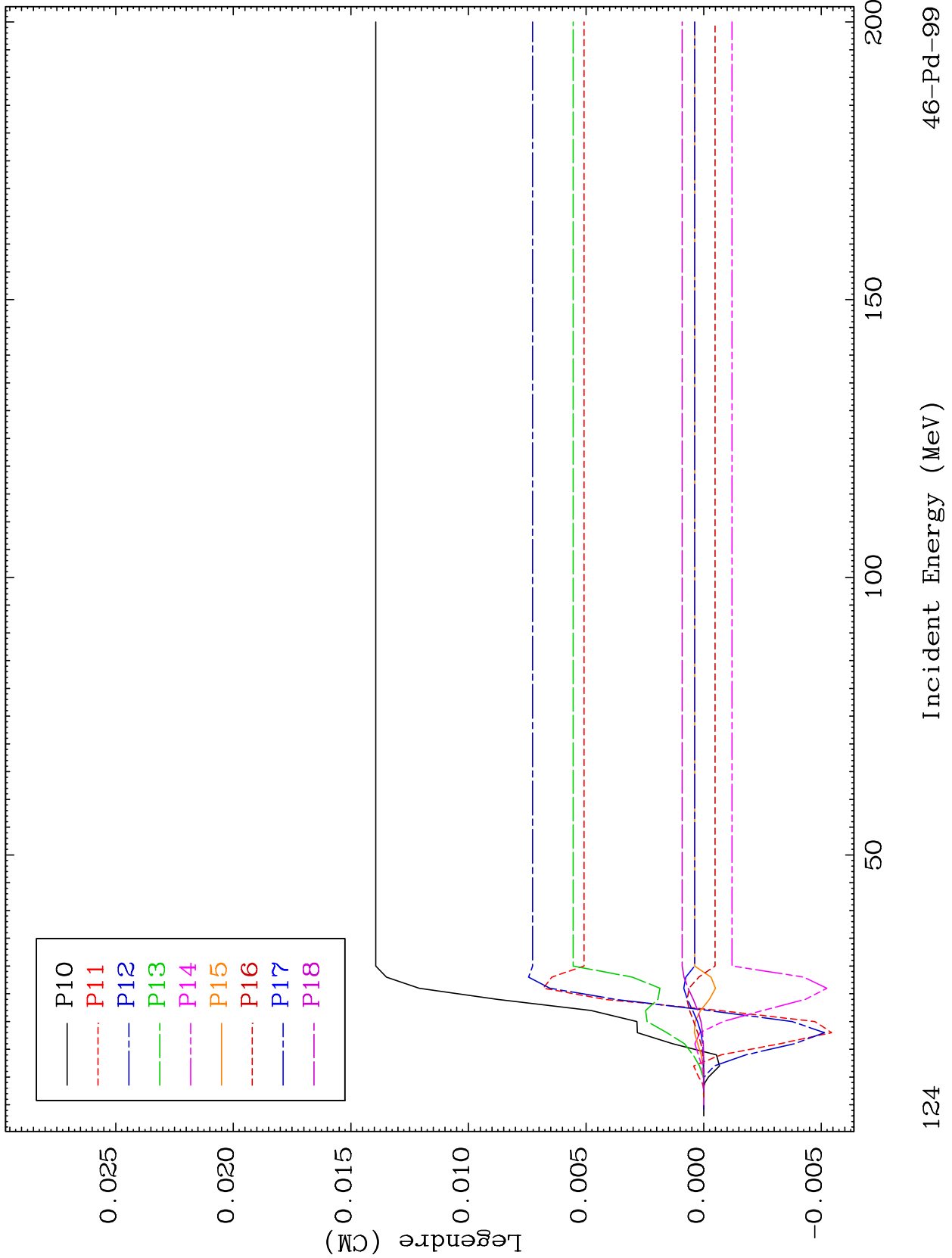


123

MAT 4616

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

46-Pd-99



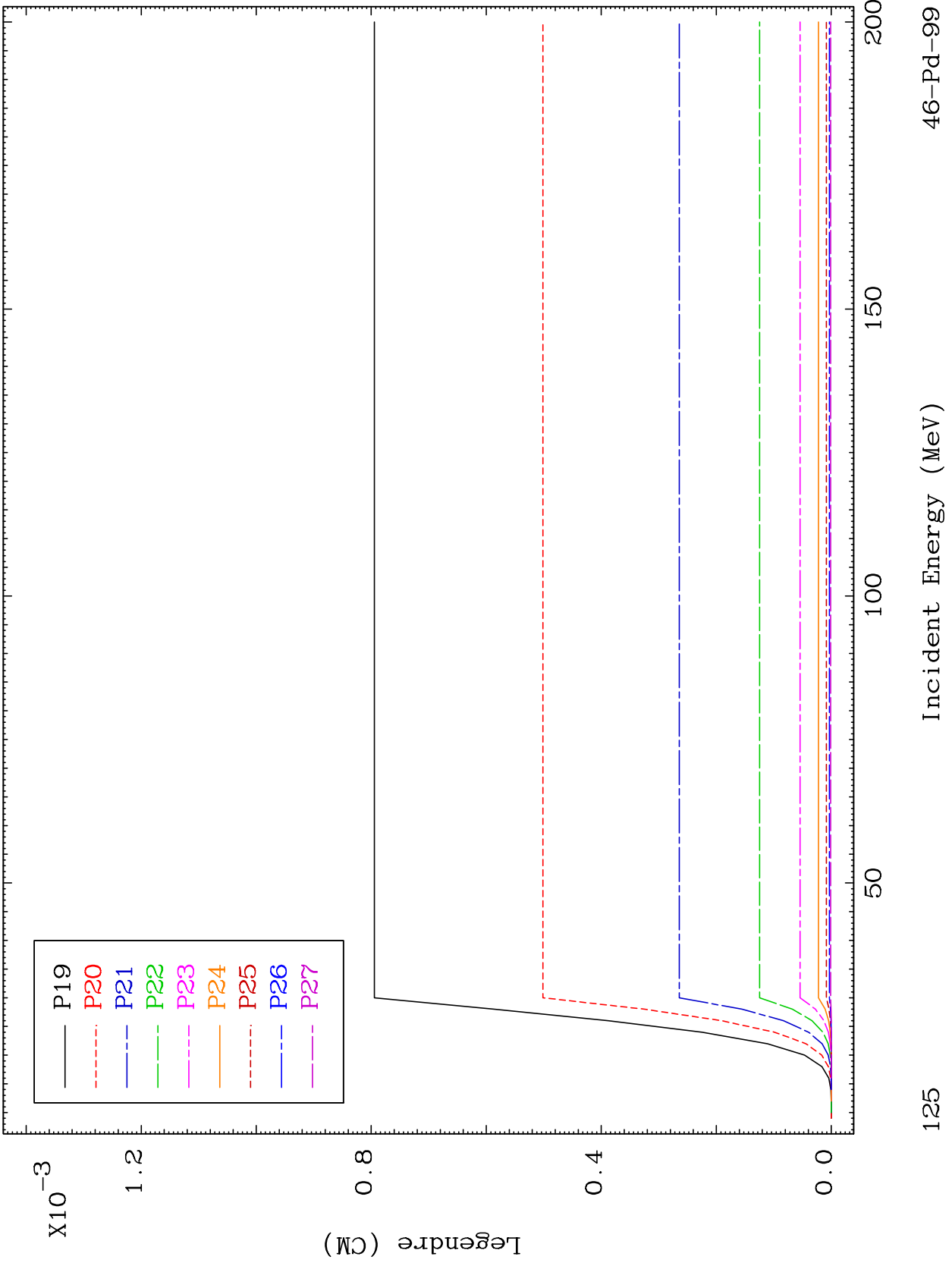
124

46-Pd-99

MAT 4616

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

46-Pd-99



125

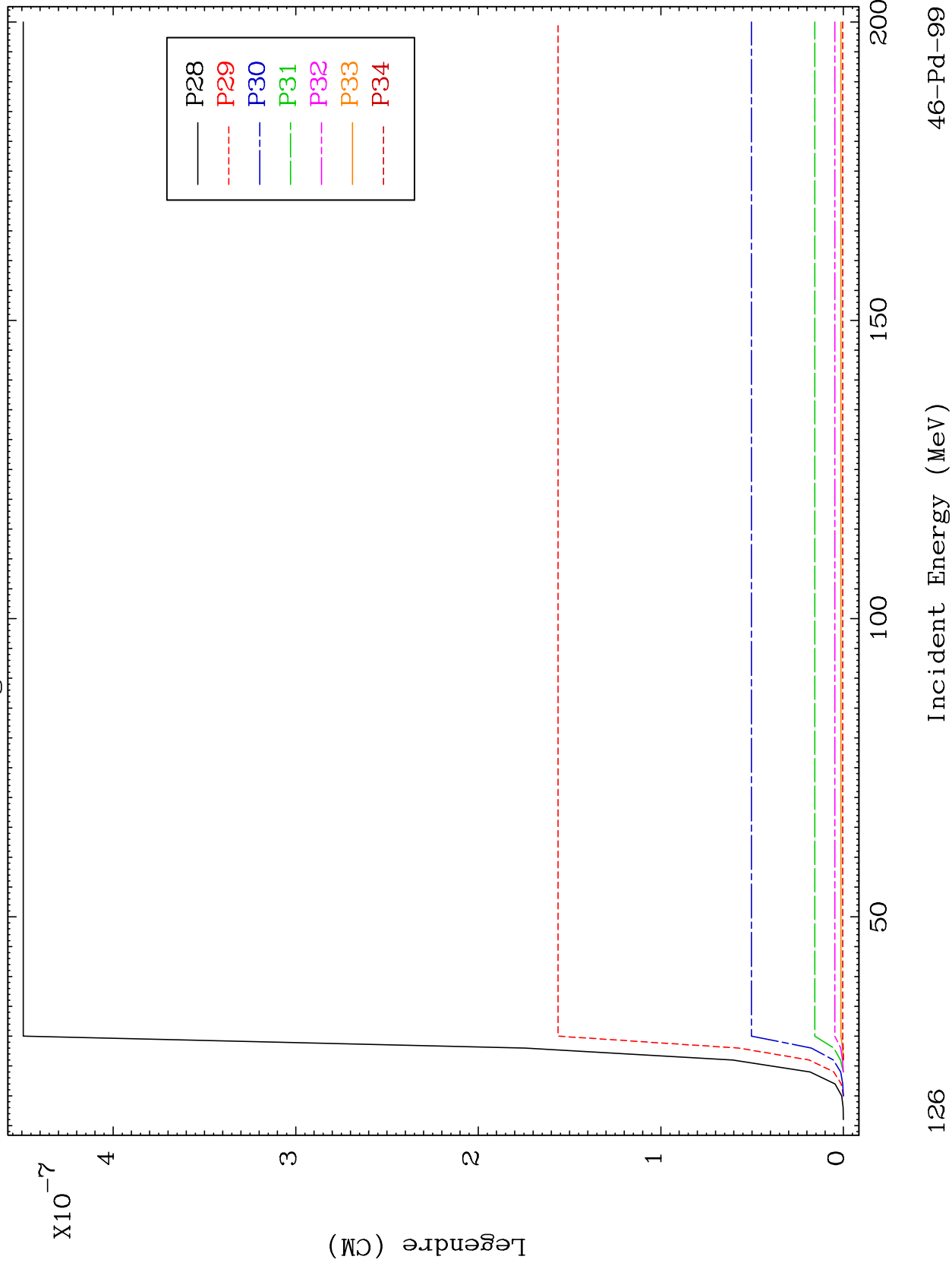
Incident Energy (MeV)

46-Pd-99

MAT 4616

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

46-Pd-99



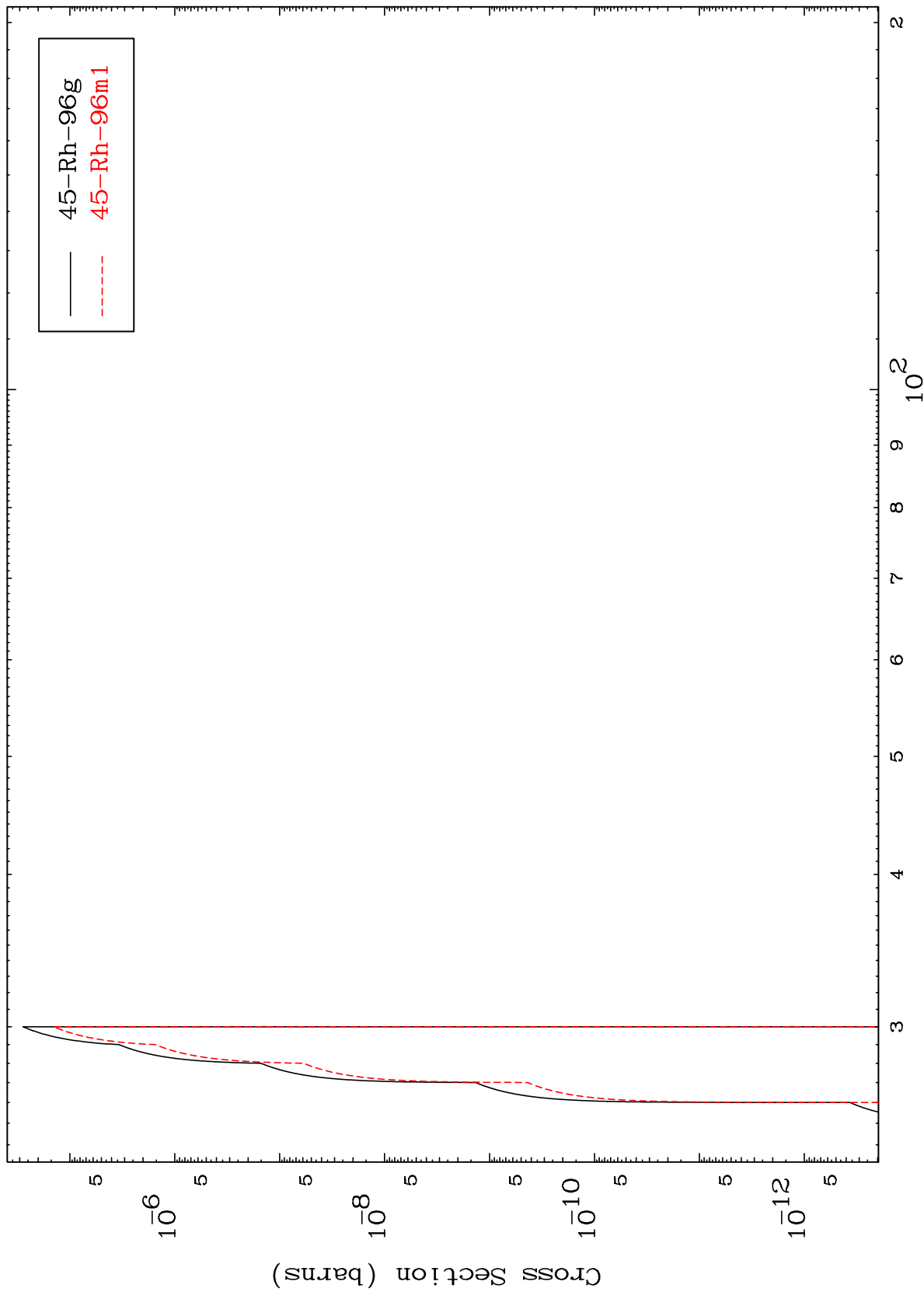
126

MAT 4616

(n,2n) d

46-Pd-99

Radionuclide Production Cross Section

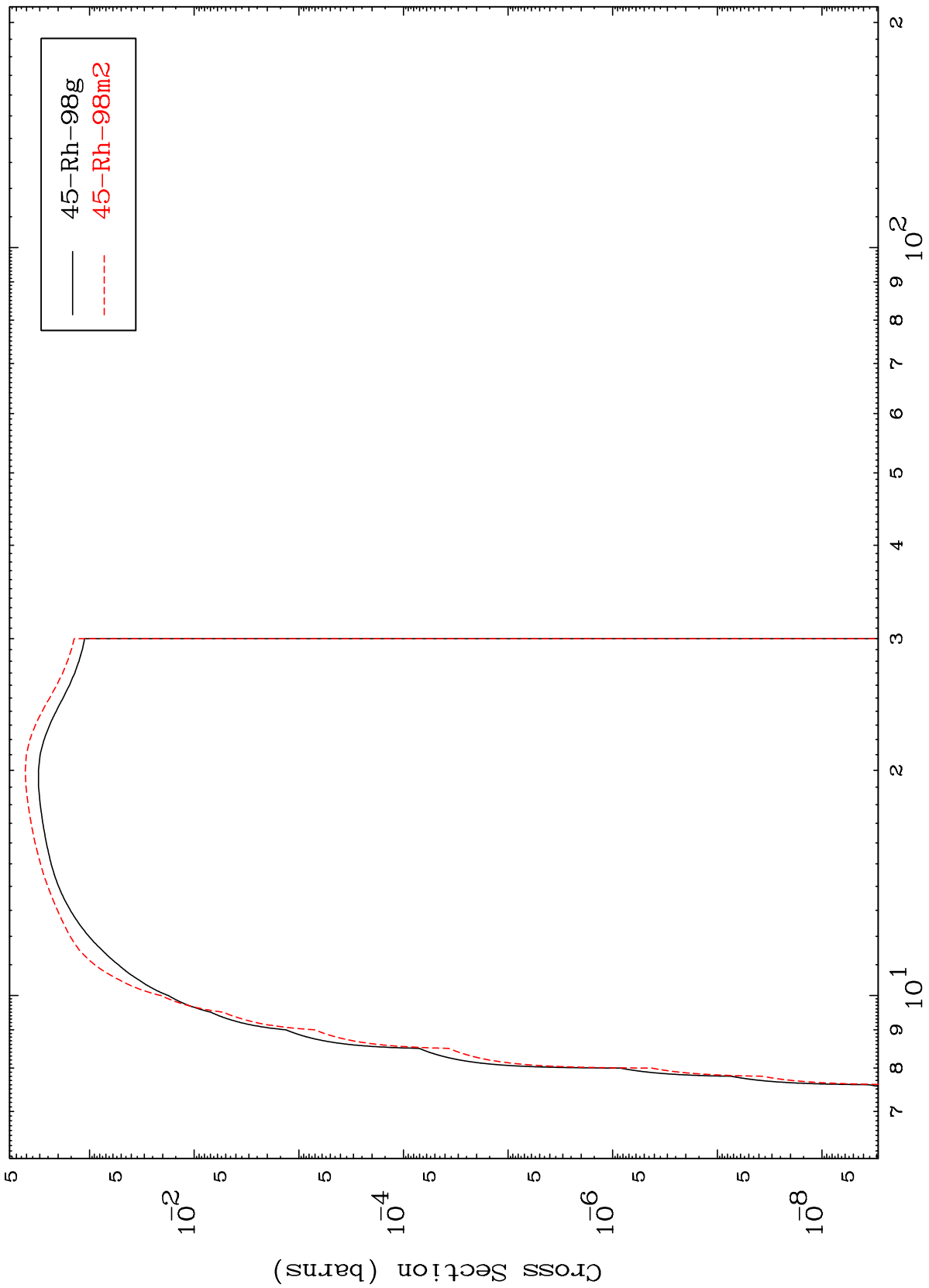


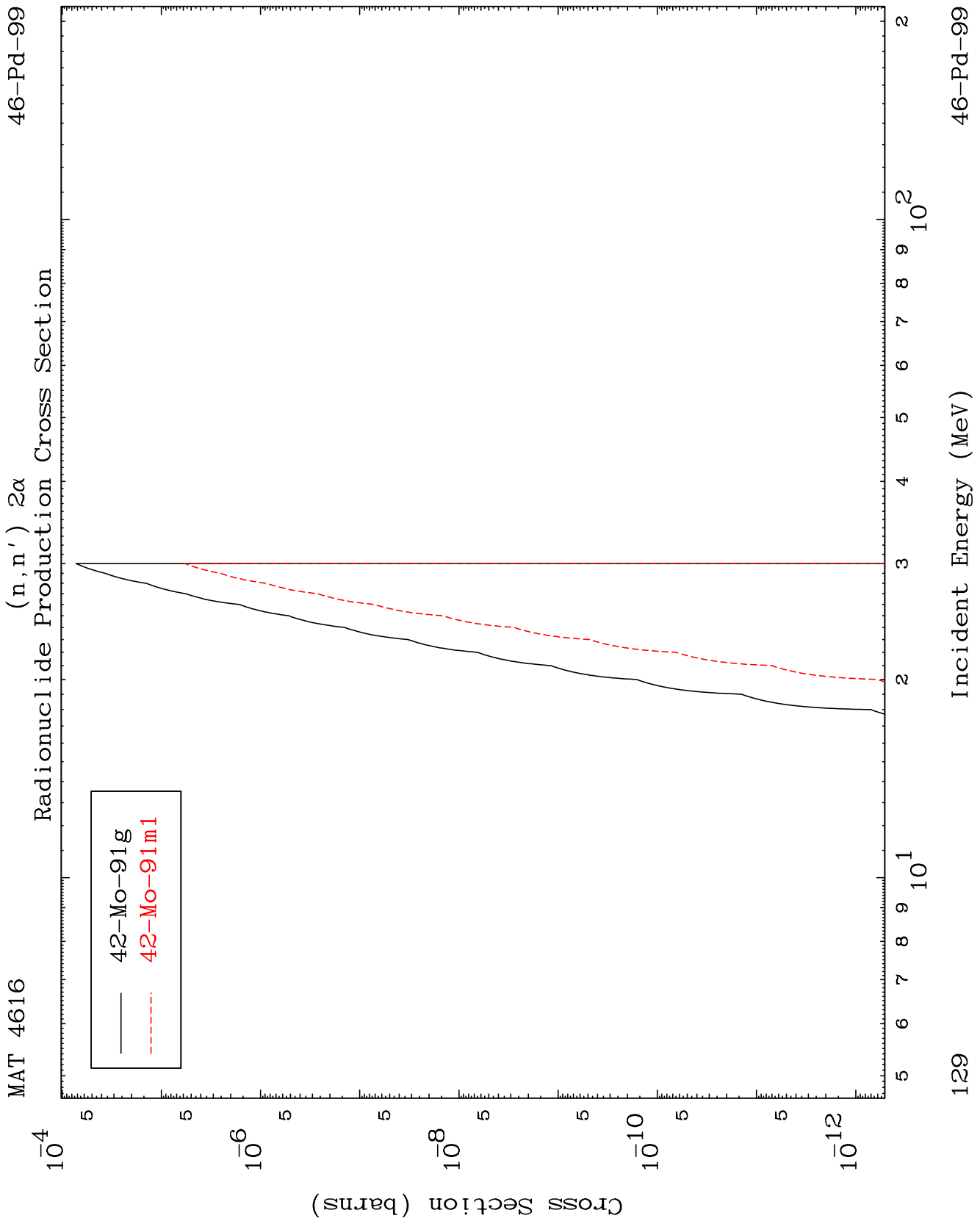
127

Incident Energy (MeV)

46-Pd-99

(n, n') p
Radionuclide Production Cross Section



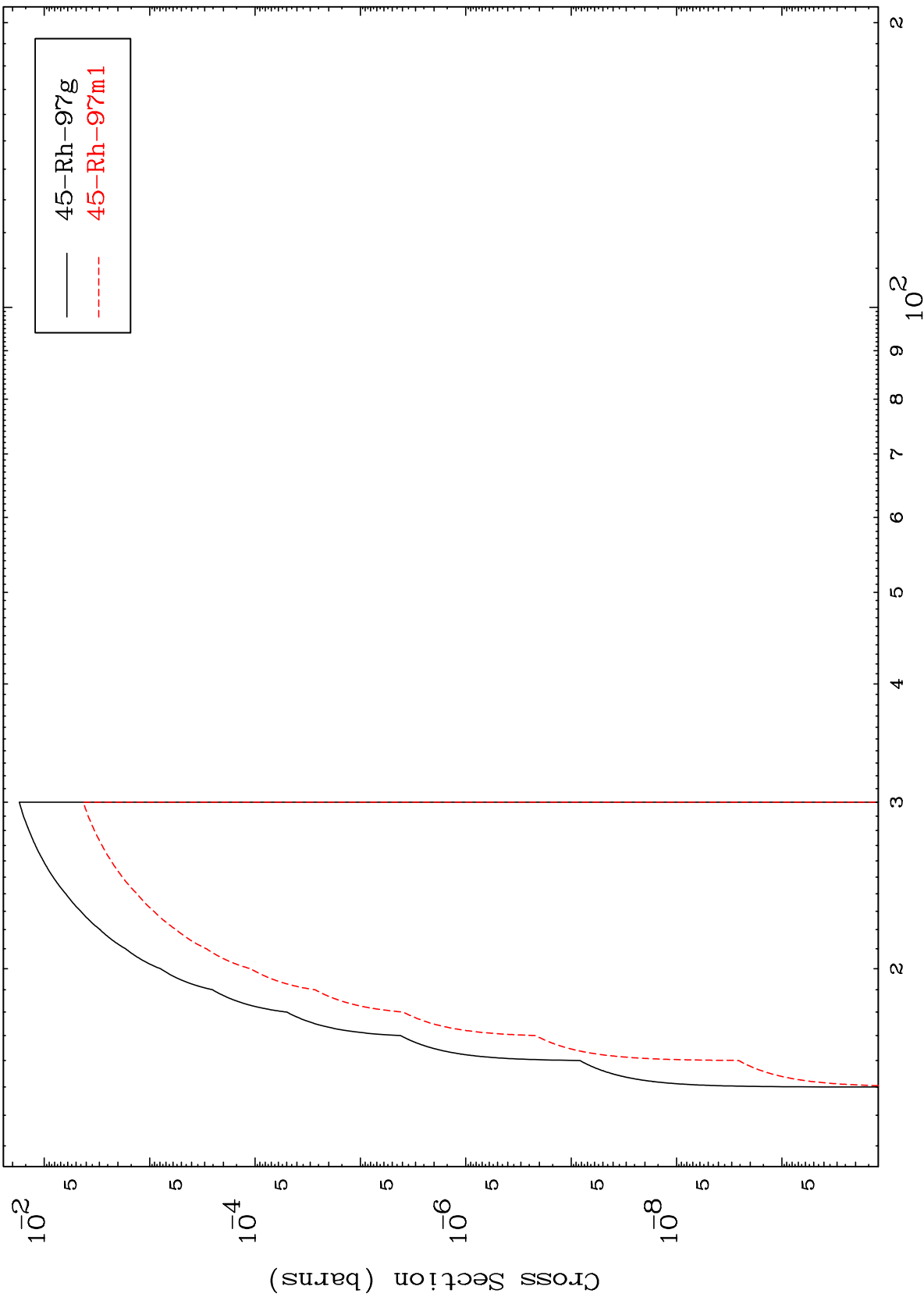


MAT 4616

(n,n') d

46-Pd-99

Radionuclide Production Cross Section



130

Incident Energy (MeV)

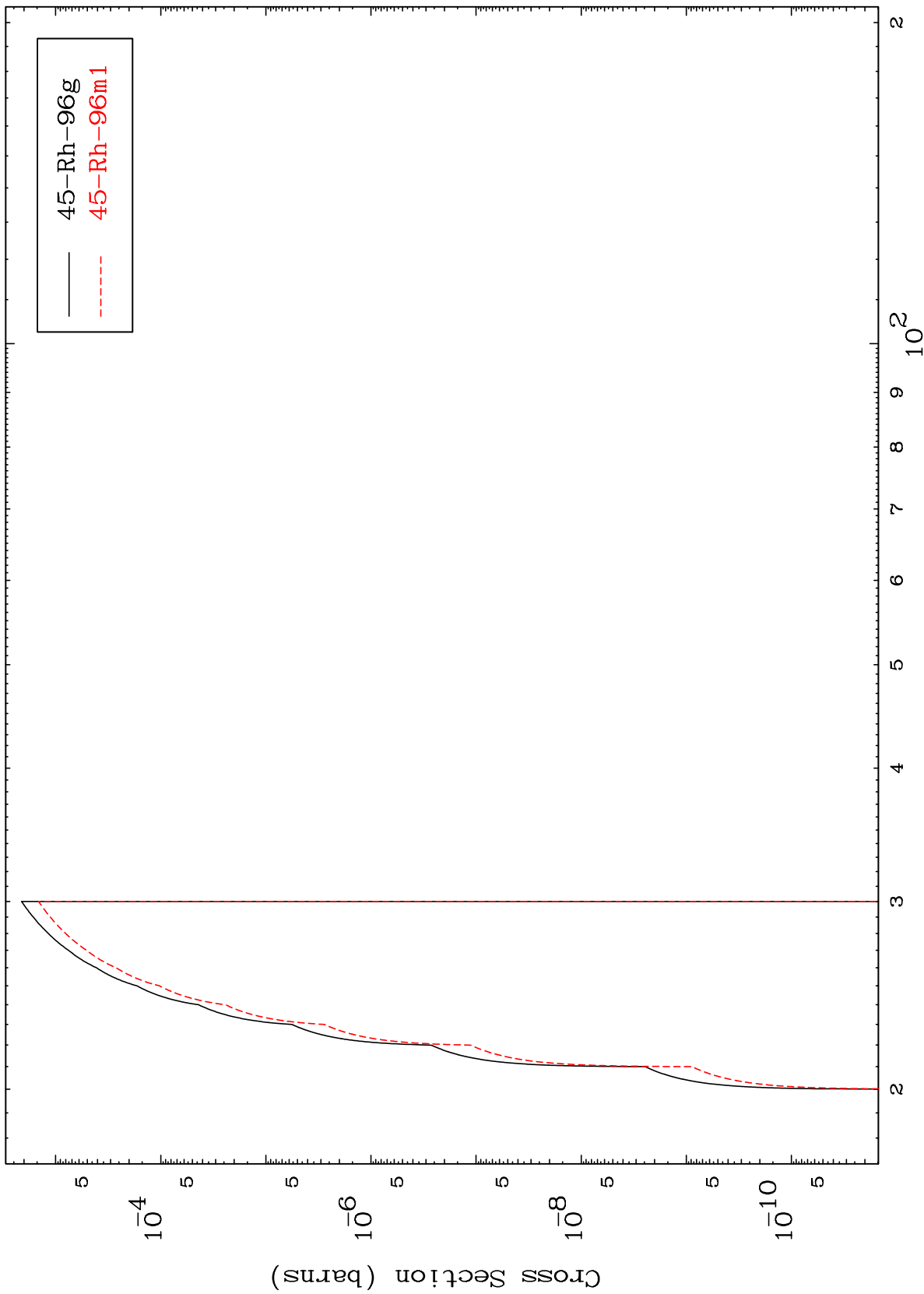
46-Pd-99

MAT 4616

(n,n') t

46-Pd-99

Radionuclide Production Cross Section

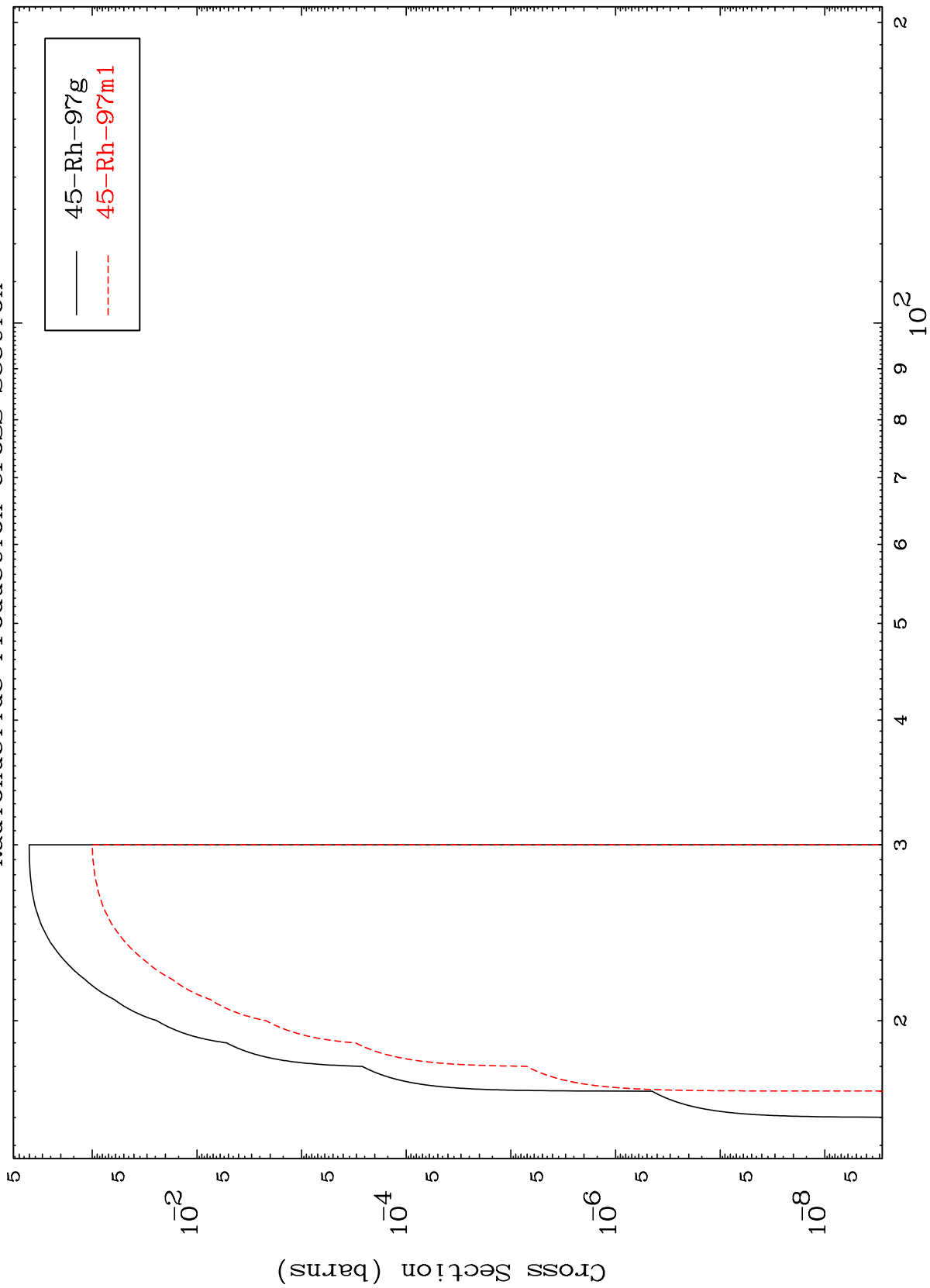


131

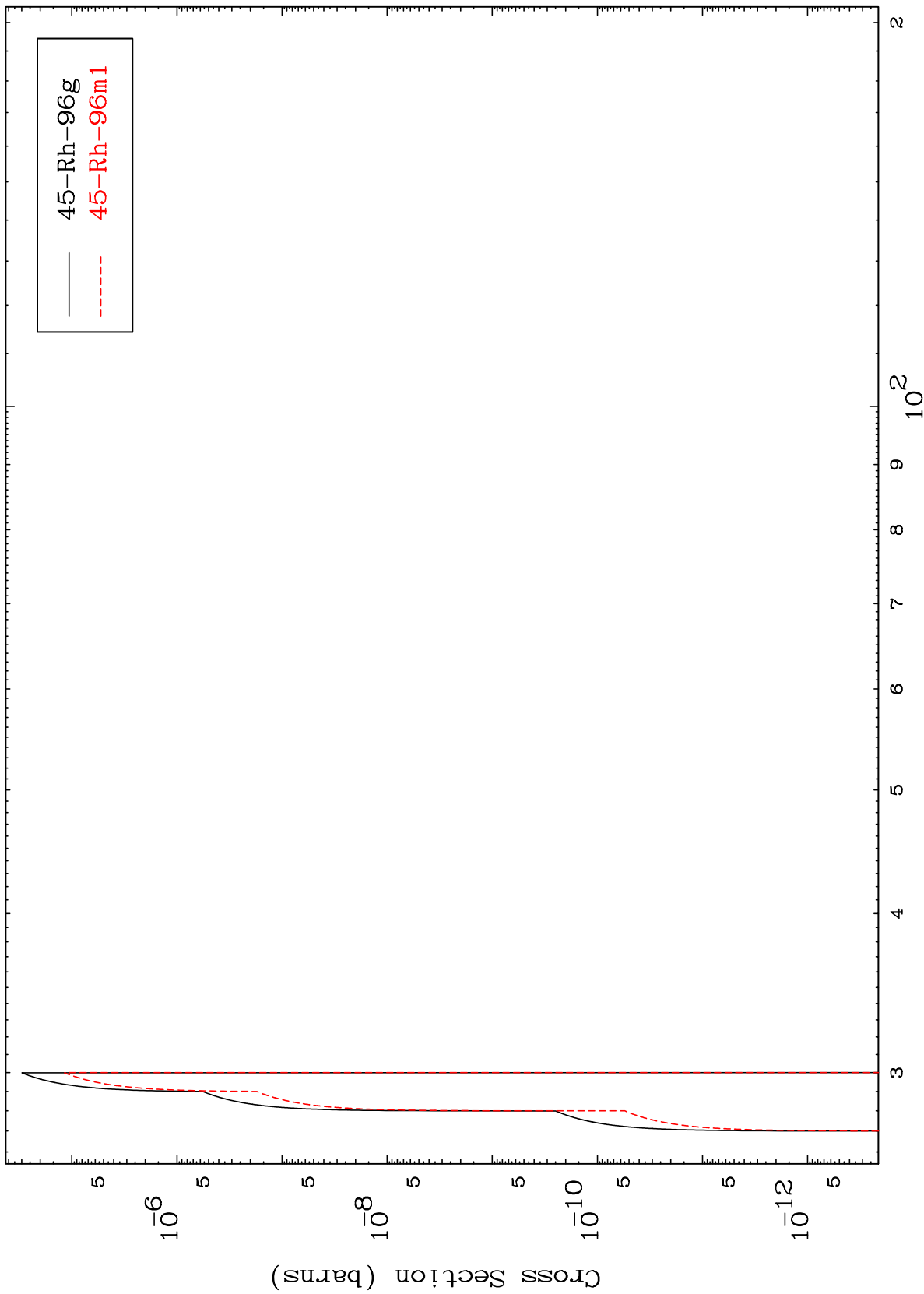
Incident Energy (MeV)

46-Pd-99

Radionuclide Production Cross Section



Radionuclide Production Cross Section

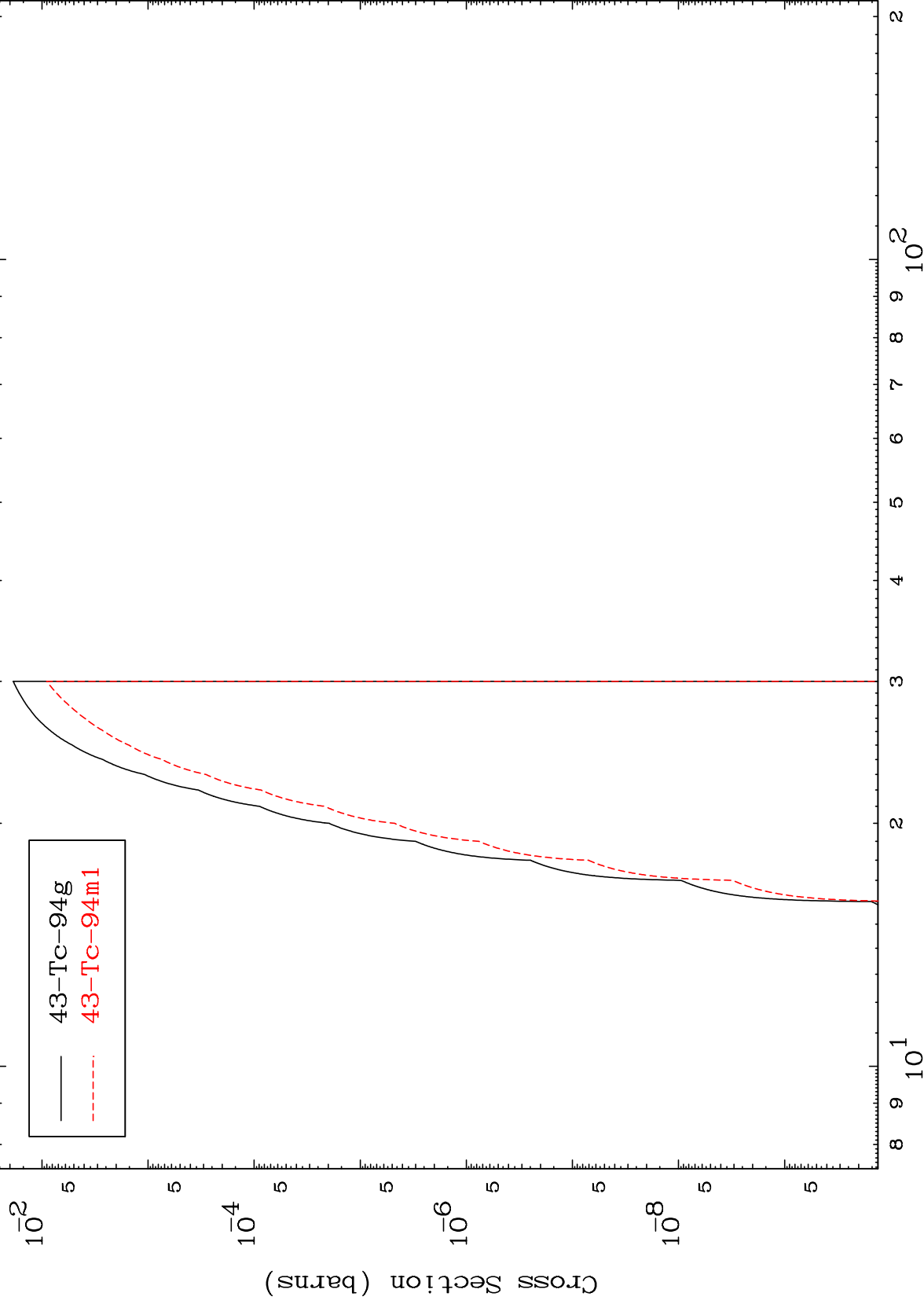


MAT 4616

(n,n') p α

46-Pd-99

Radionuclide Production Cross Section



134

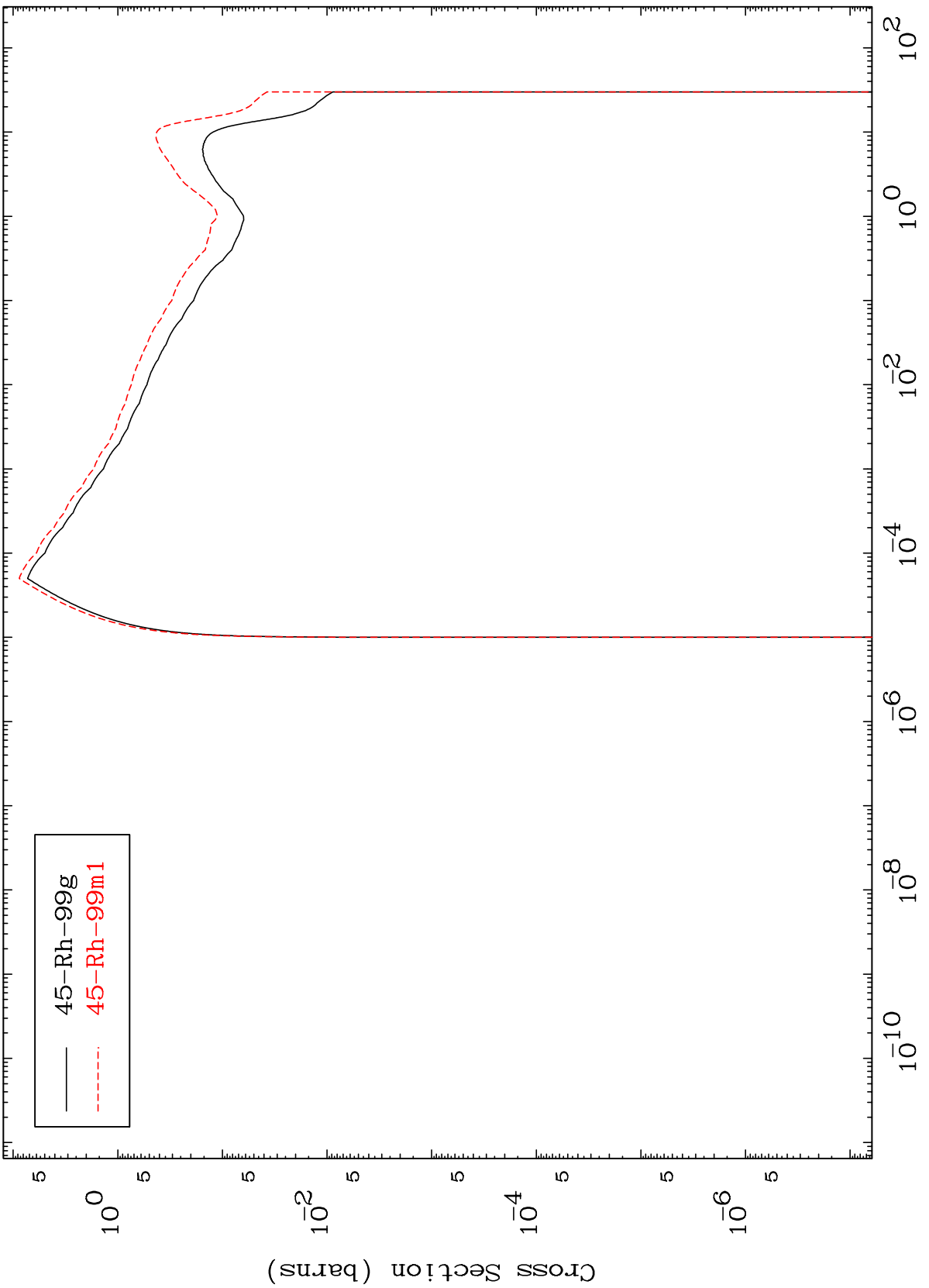
Incident Energy (MeV)

46-Pd-99

MAT 4616

46-Pd-99

Radionuclide Production Cross Section (n,p)



— 45-Rh-99g
- - - 45-Rh-99m1

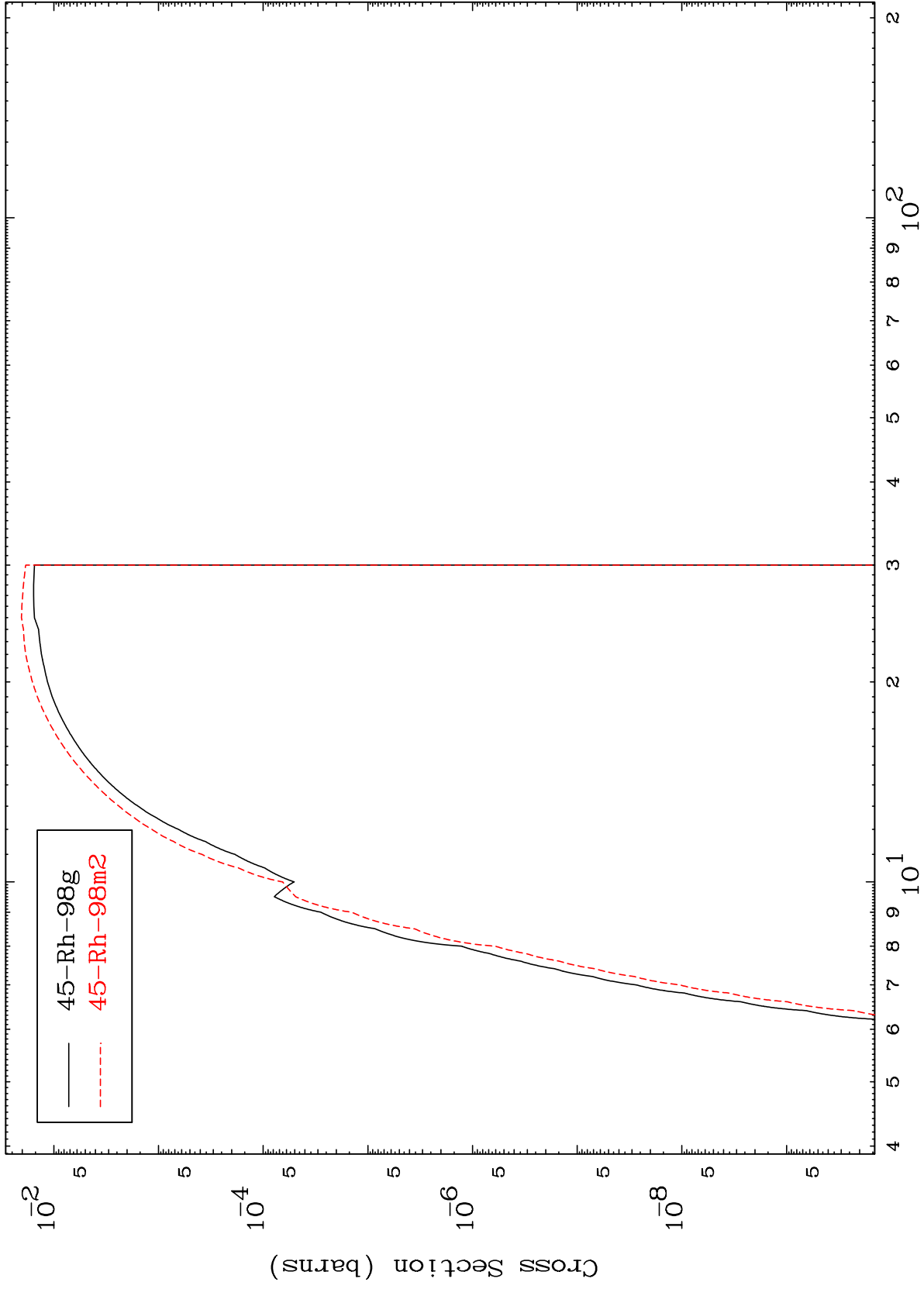
135

46-Pd-99

MAT 4616

46-Pd-99

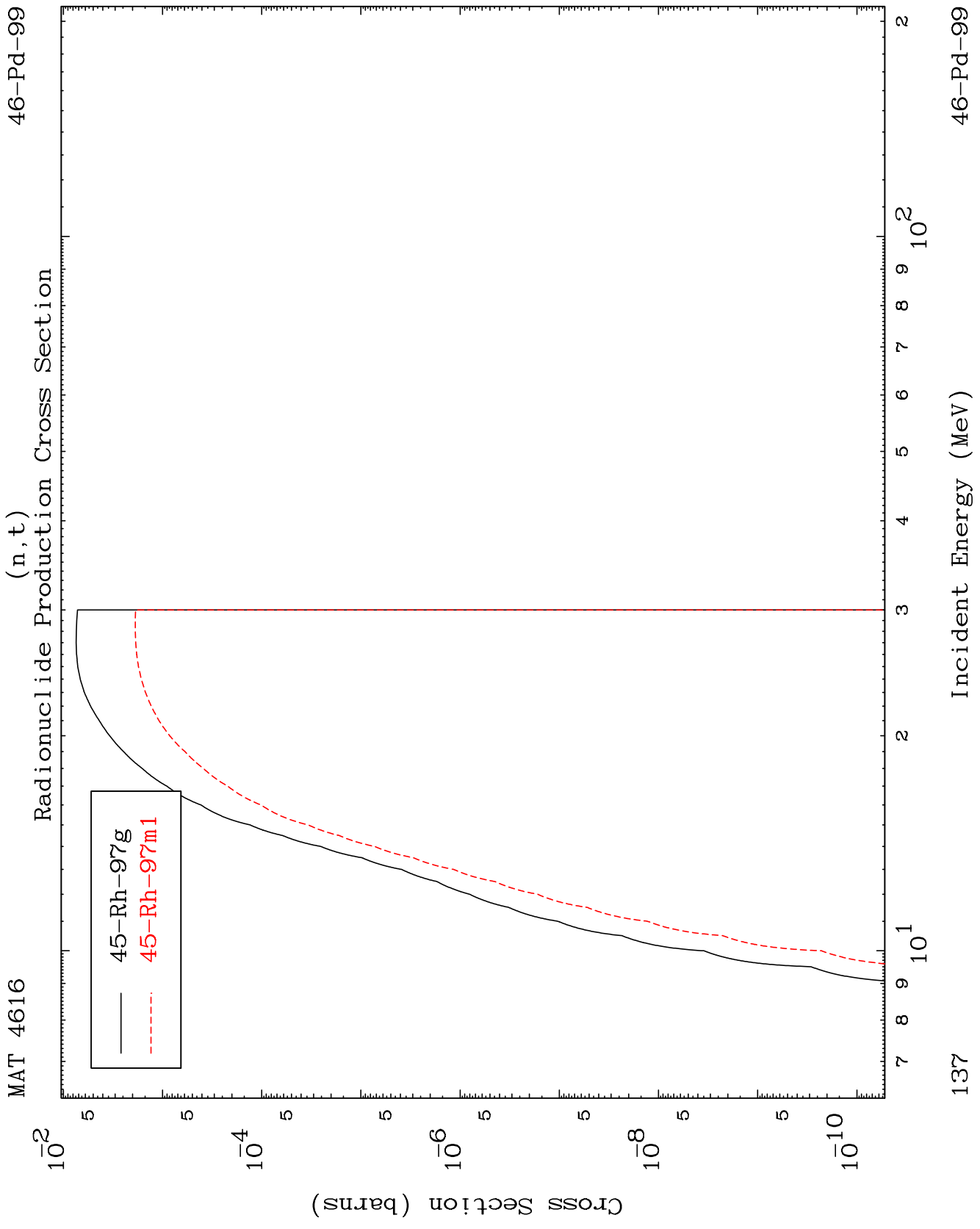
(n,d)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

46-Pd-99

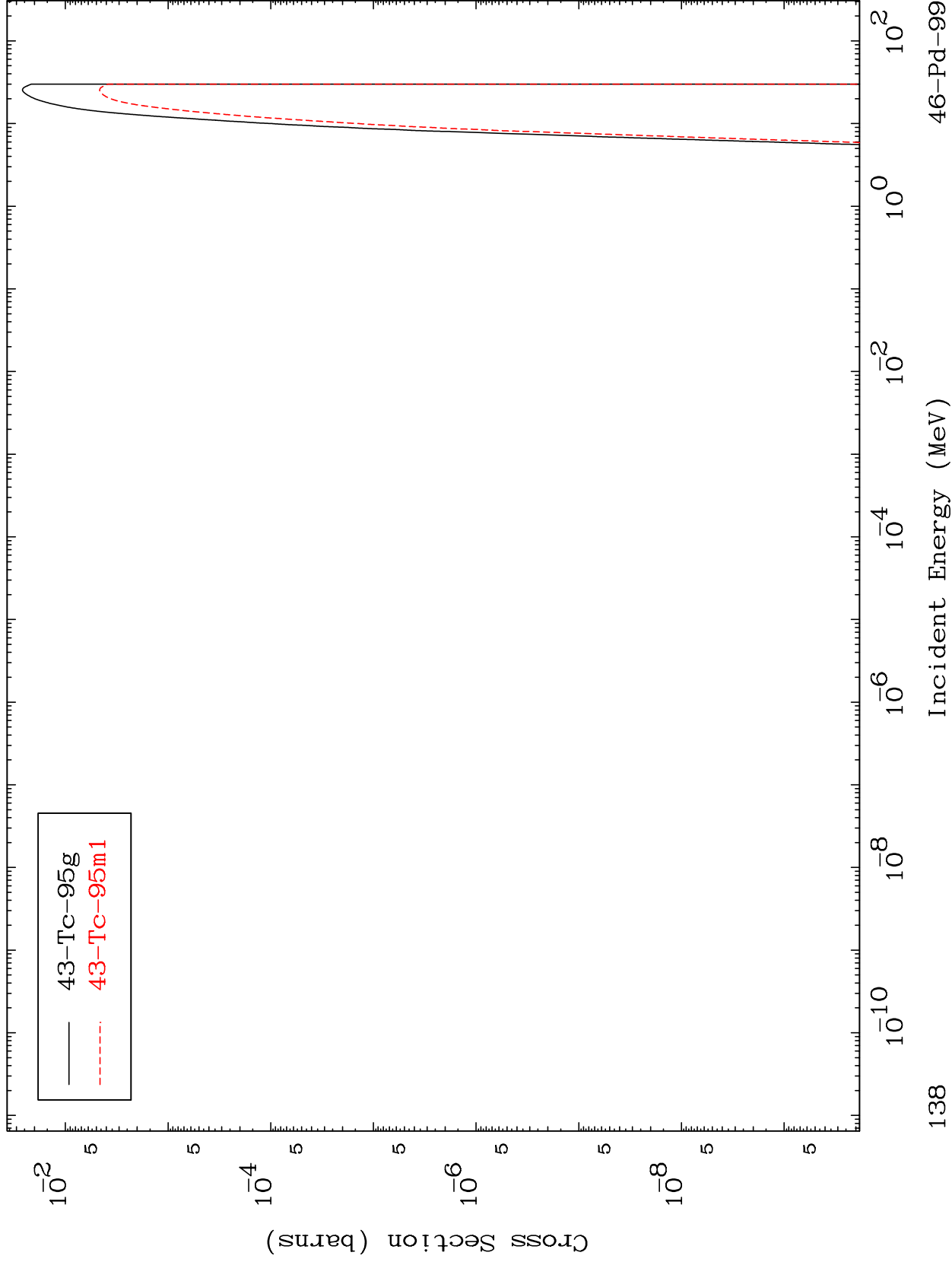


MAT 4616

(n,p) α

46-Pd-99

Radionuclide Production Cross Section

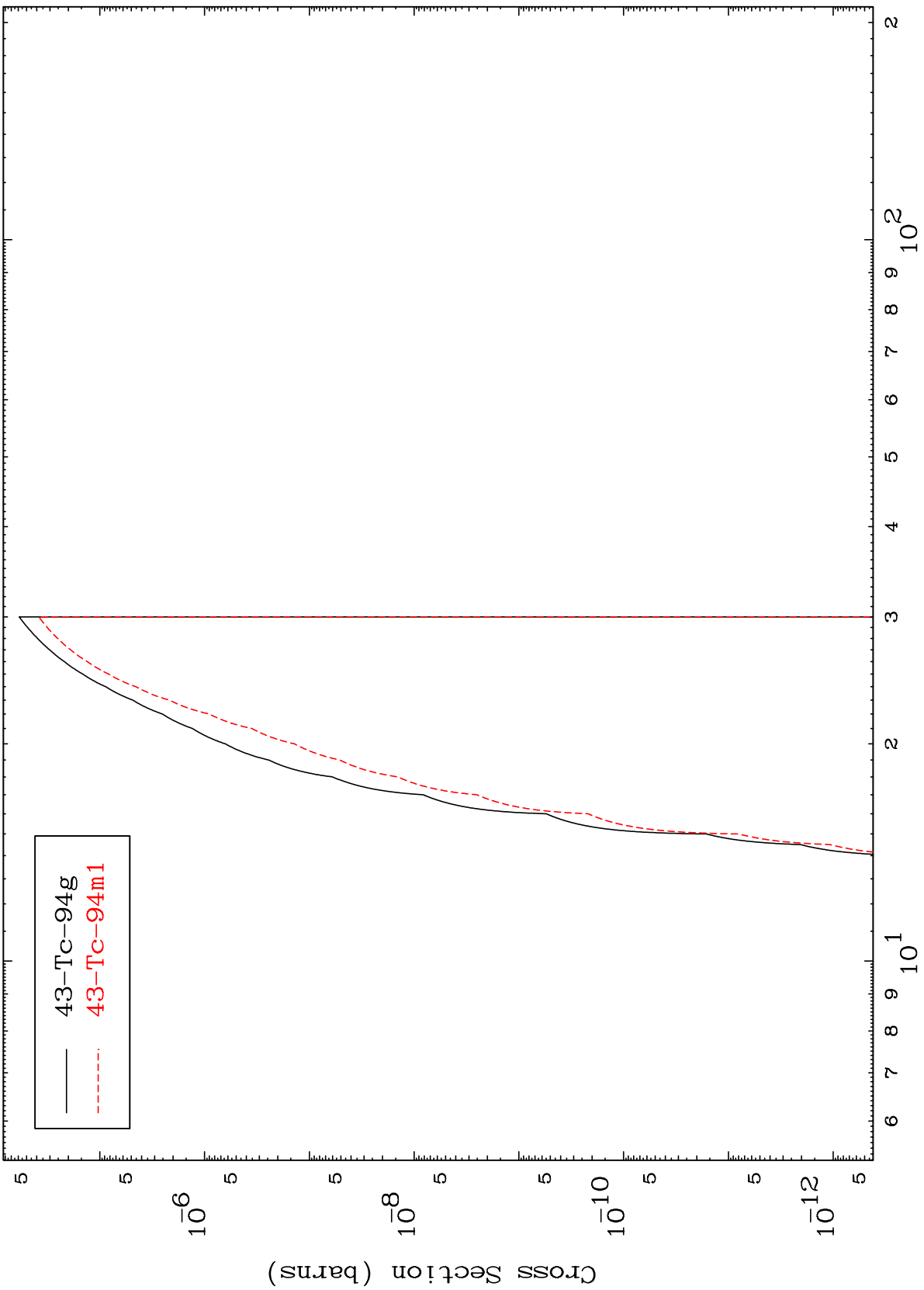


MAT 4616

(n,d) α

46-Pd-99

Radionuclide Production Cross Section



— 43-Tc-94g
- - - 43-Tc-94m1

139

Incident Energy (MeV)

46-Pd-99