

Program EVALPLOT
(Version 2017-1)

by

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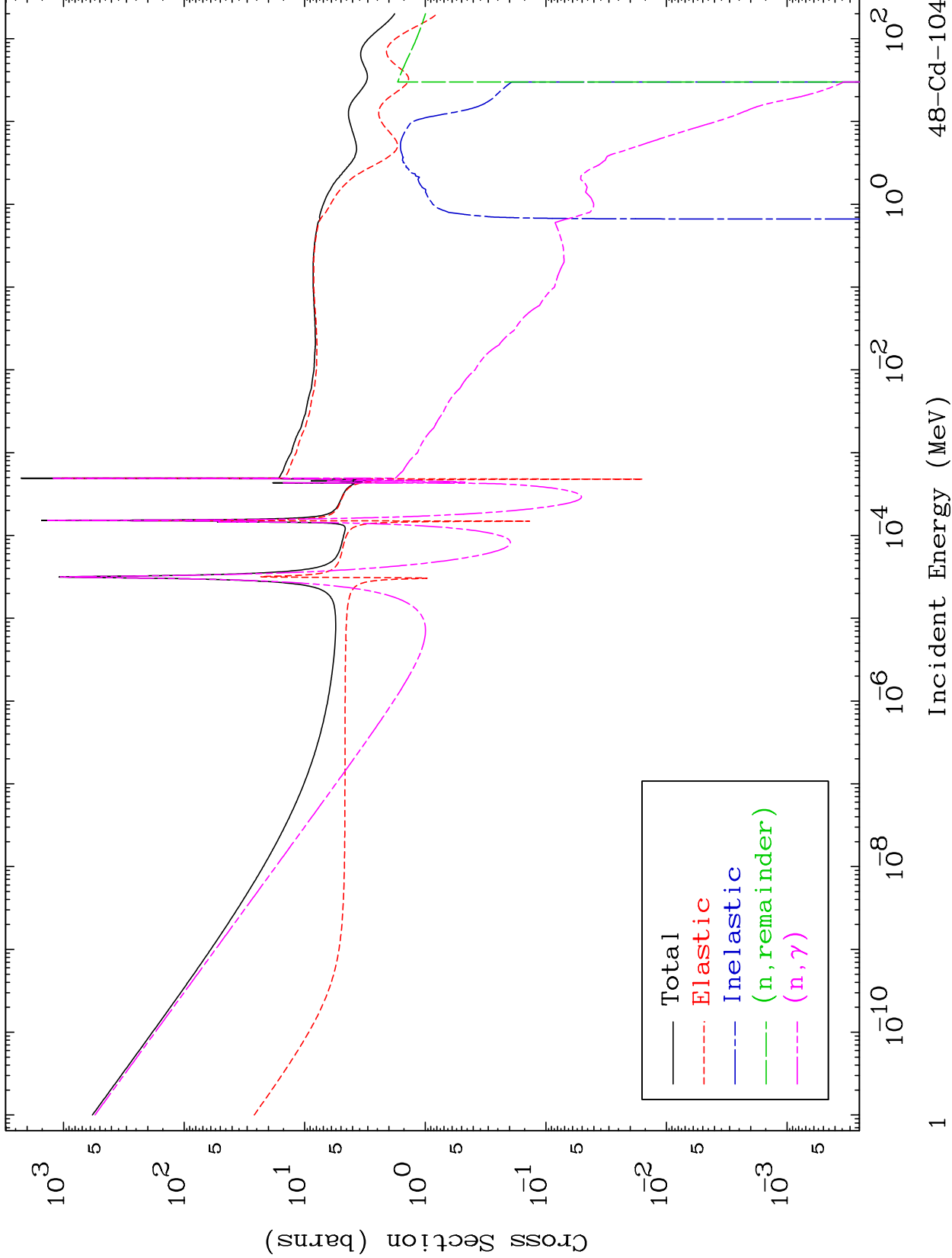
Press Mouse Button to Start

MAT 4819

Major

293 Kelvin Cross Sections

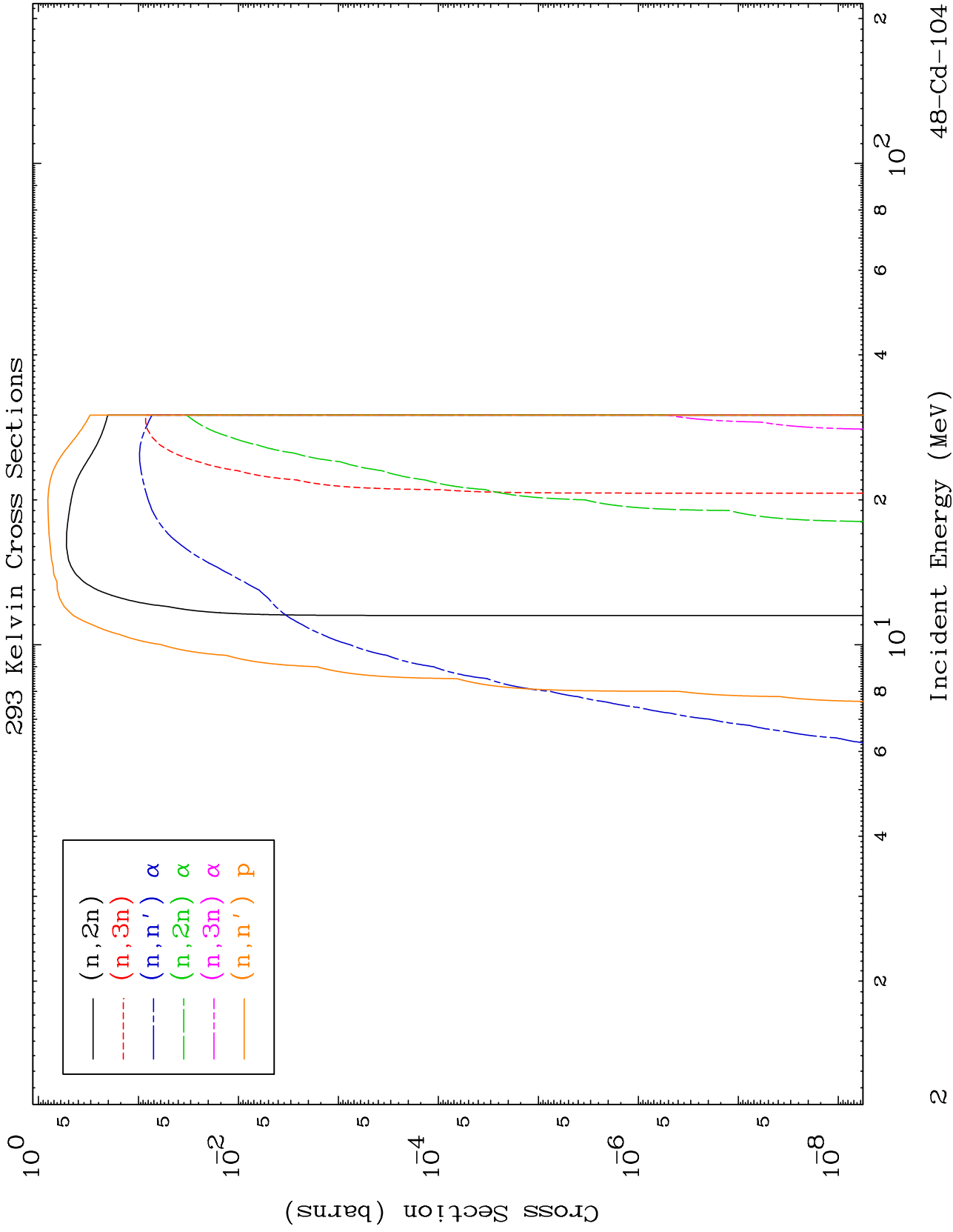
48-Cd-104



MAT 4819

Neutron Production
293 Kelvin Cross Sections

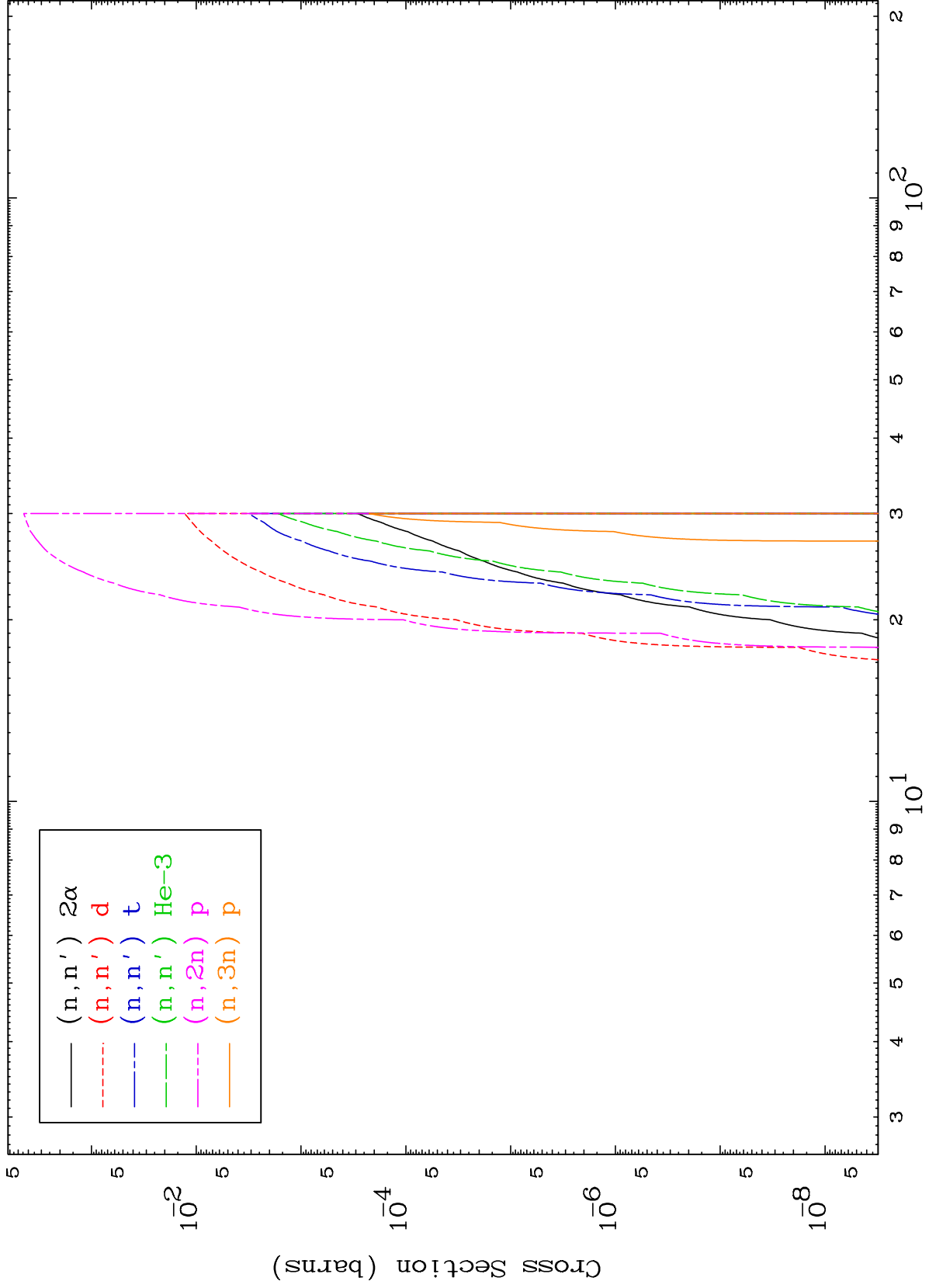
48-Cd-104



MAT 4819

Neutron Production
293 Kelvin Cross Sections

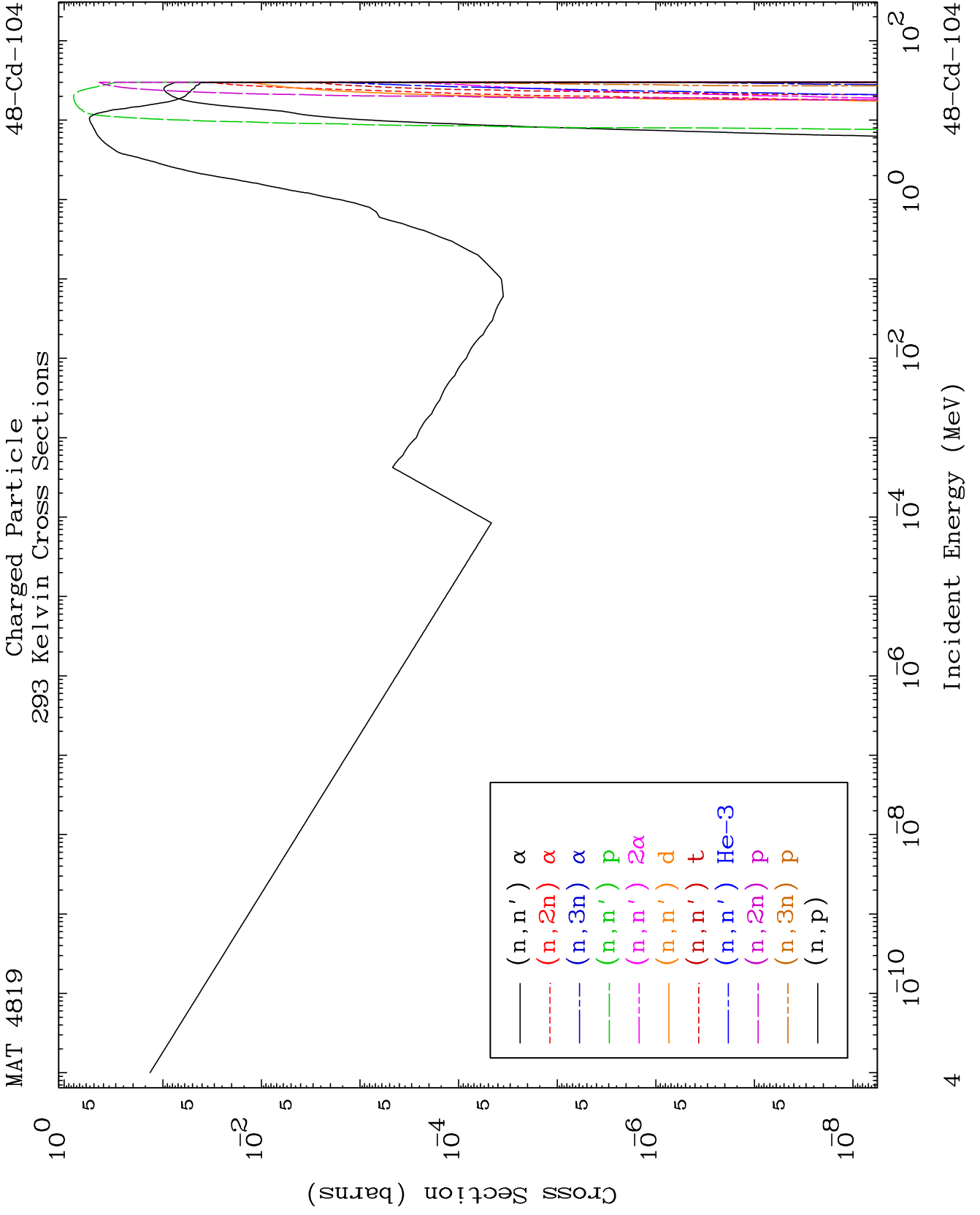
48-Cd-104



3

Incident Energy (MeV)

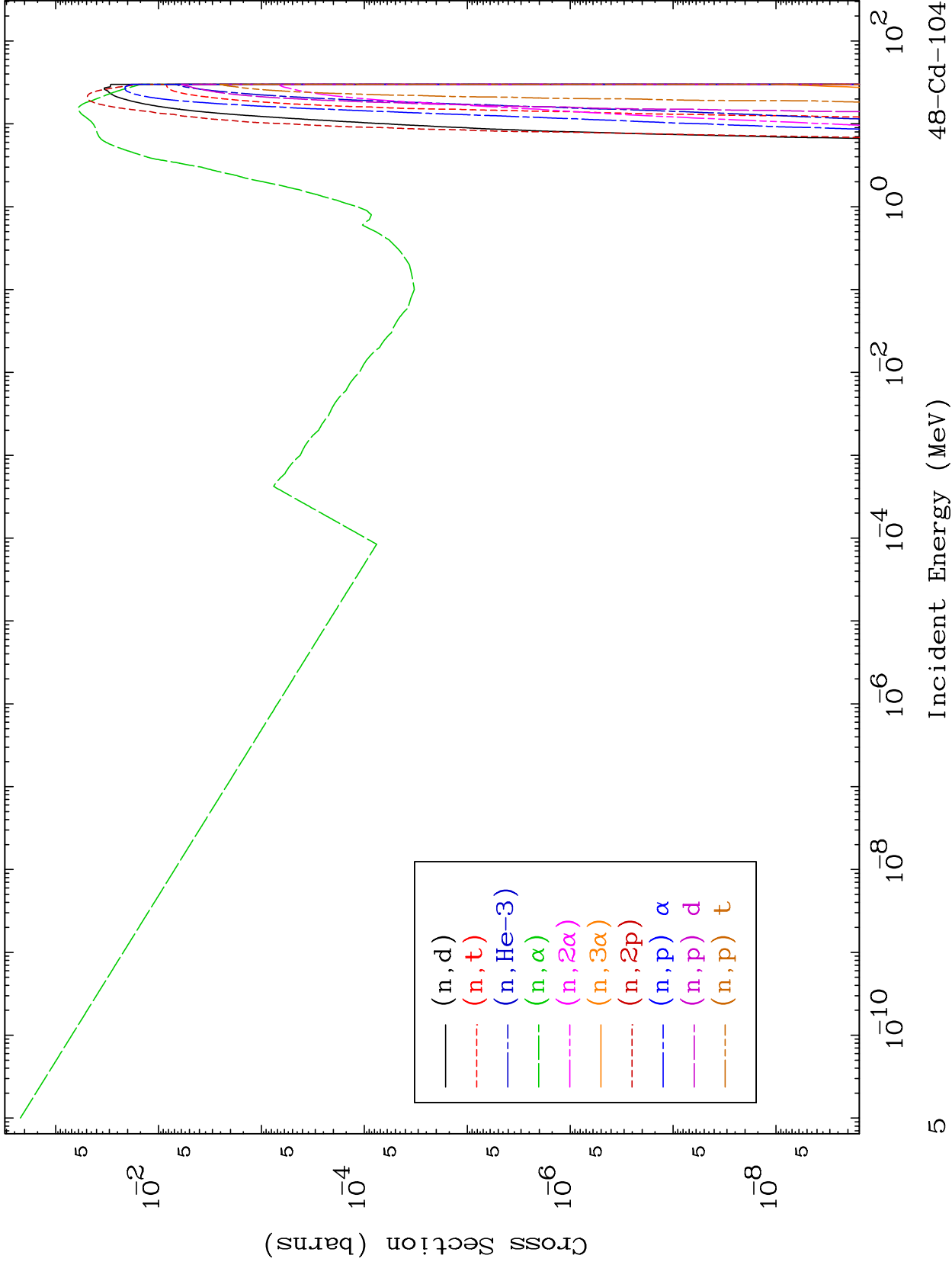
48-Cd-104



MAT 4819

Charged Particle
293 Kelvin Cross Sections

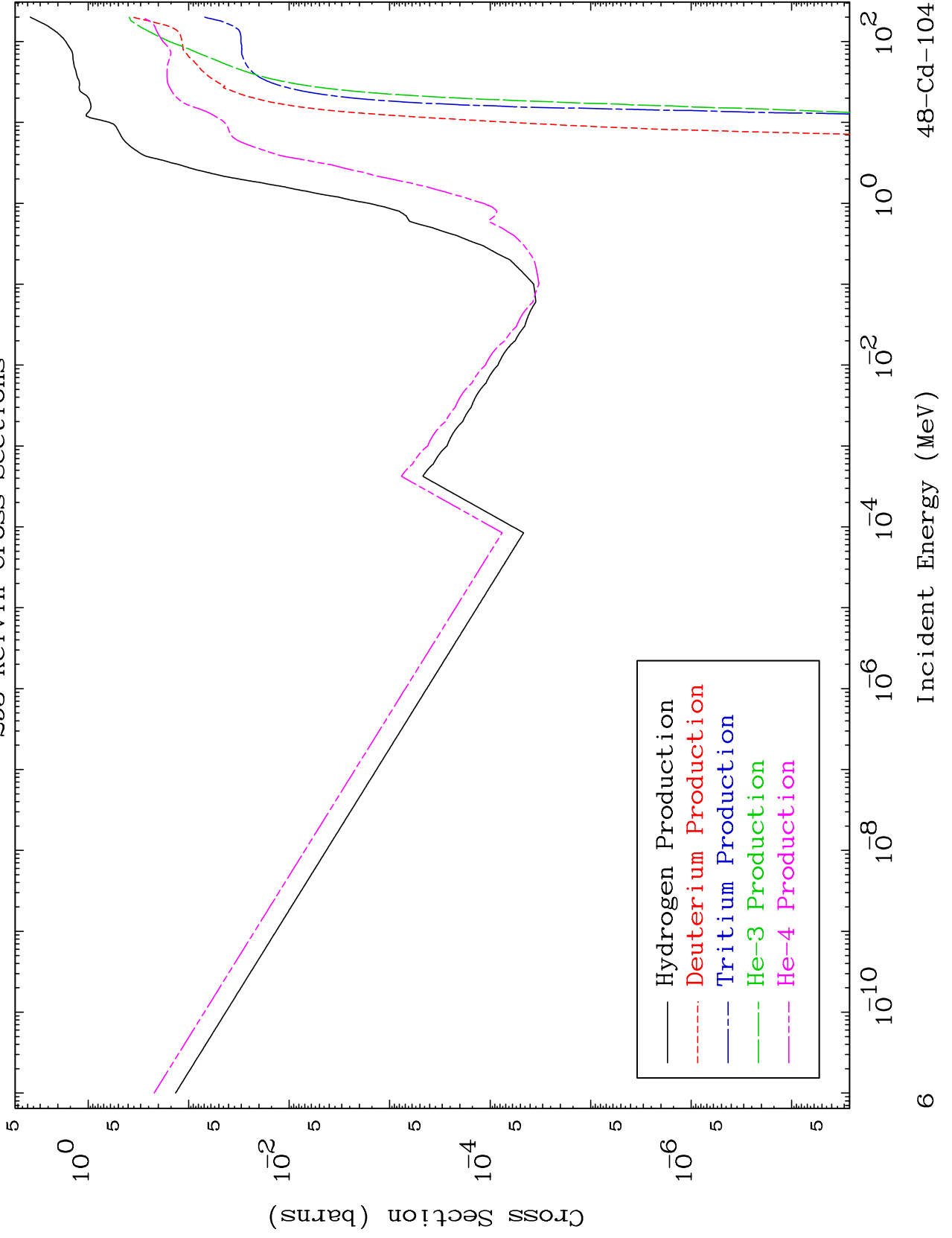
48-Cd-104



MAT 4819

Particle Production
293 Kelvin Cross Sections

48-Cd-104

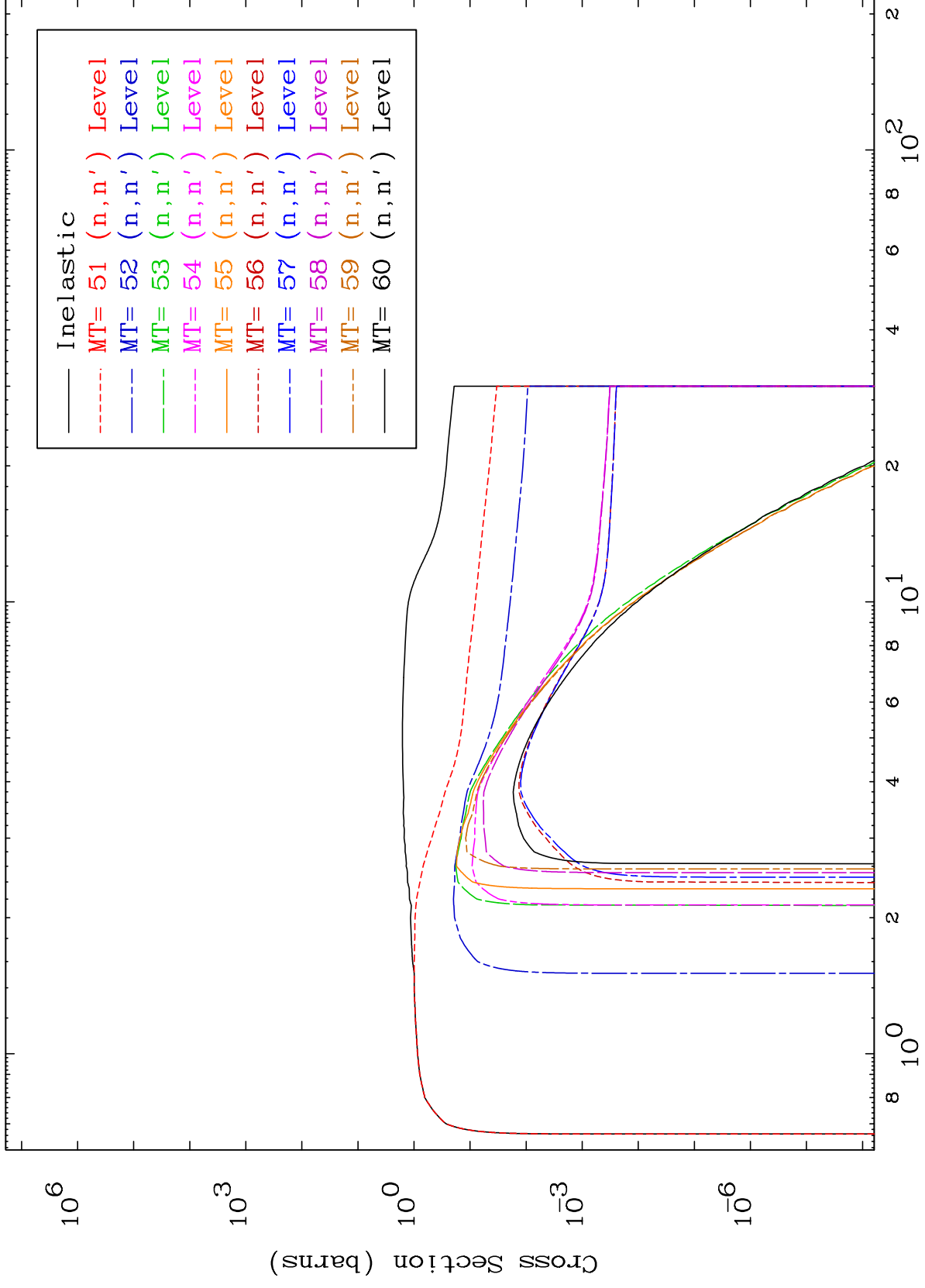


MAT 4819

(n,n') Level

48-Cd-104

293 Kelvin Cross Sections



7

Incident Energy (MeV)

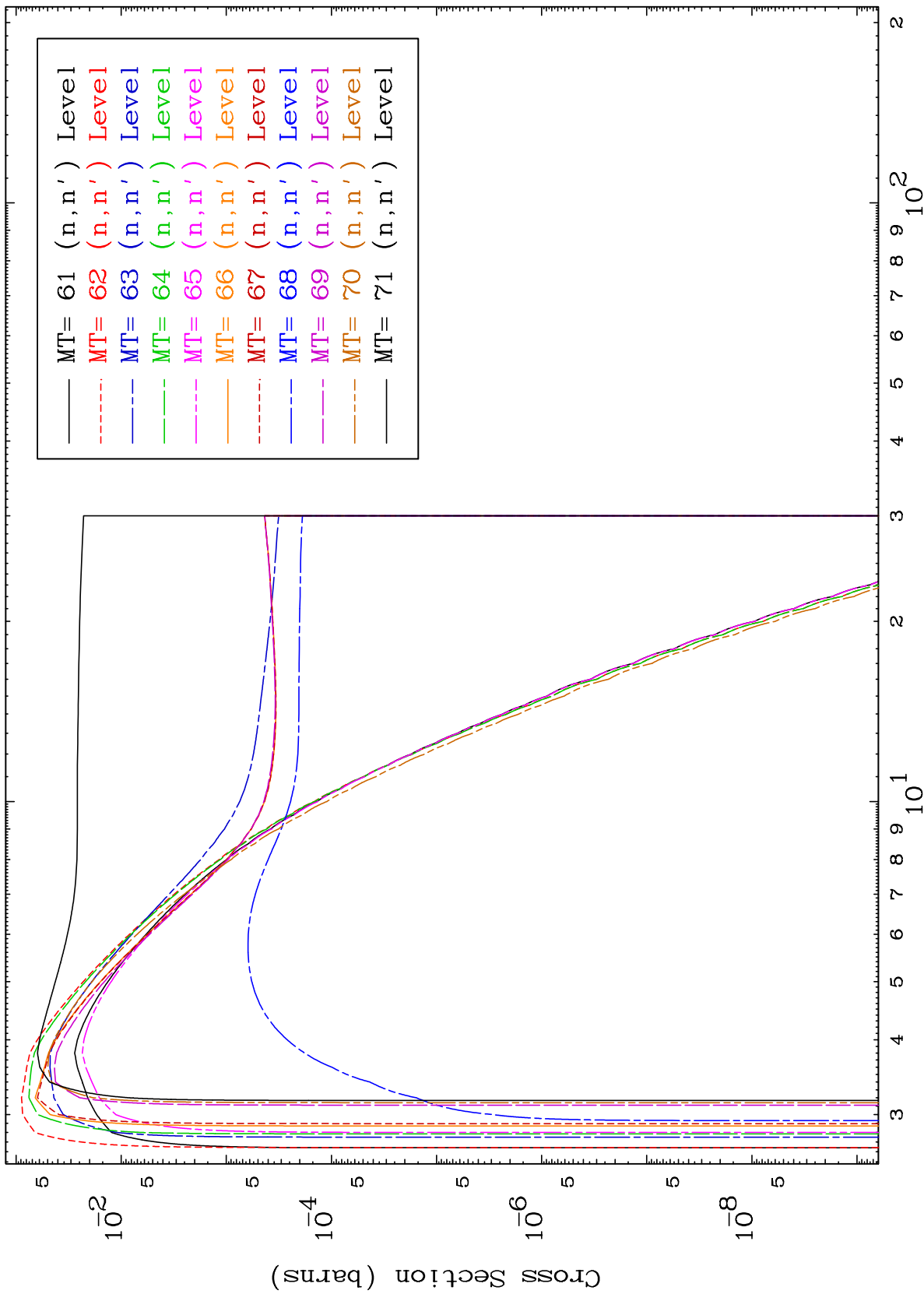
48-Cd-104

MAT 4819

(n,n') Level

48-Cd-104

293 Kelvin Cross Sections



8

Incident Energy (MeV)

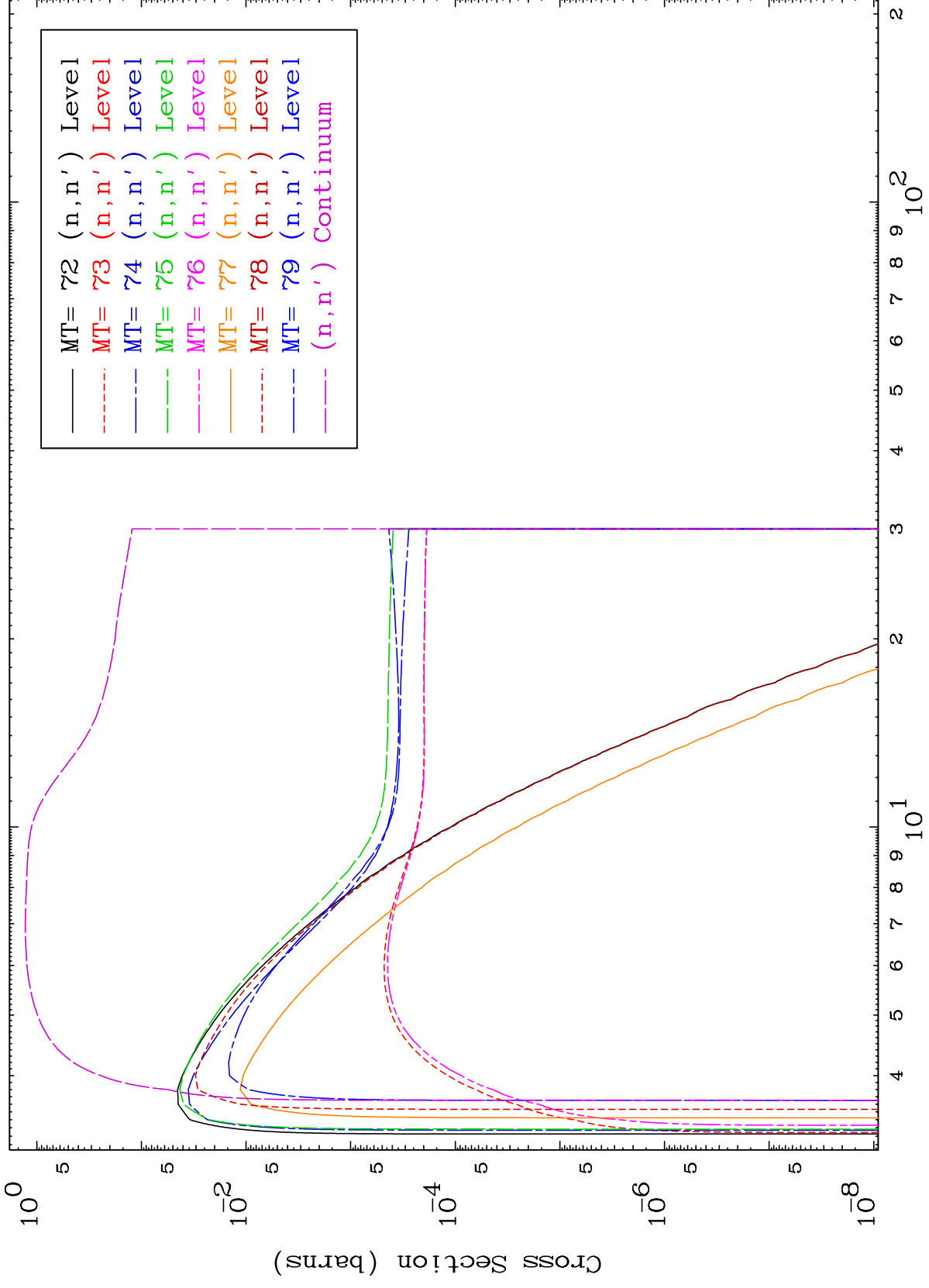
48-Cd-104

MAT 4819

(n,n') Level

48-Cd-104

293 Kelvin Cross Sections



9

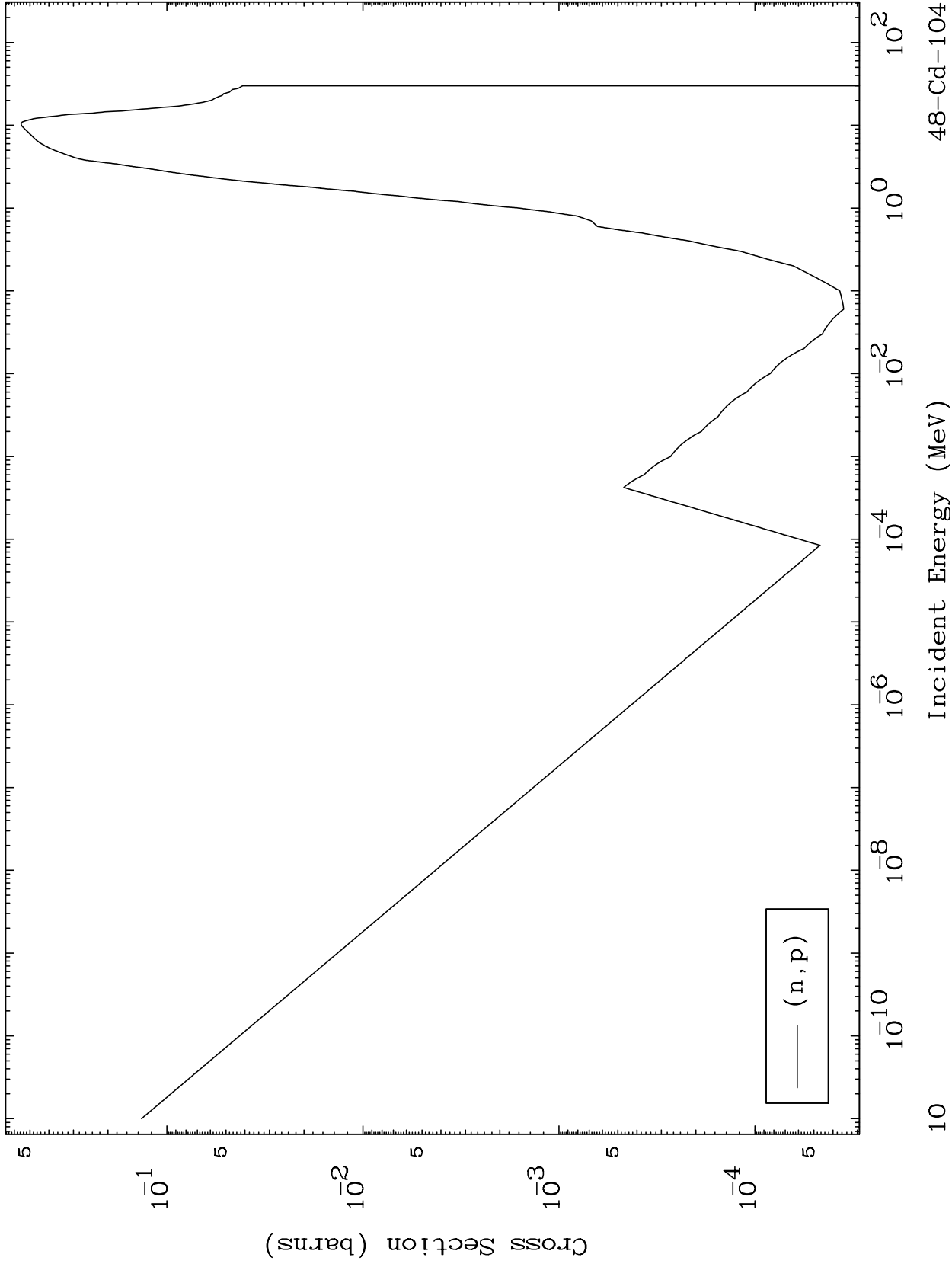
Incident Energy (MeV)

48-Cd-104

MAT 4819

(n,p) Levels
293 Kelvin Cross Sections

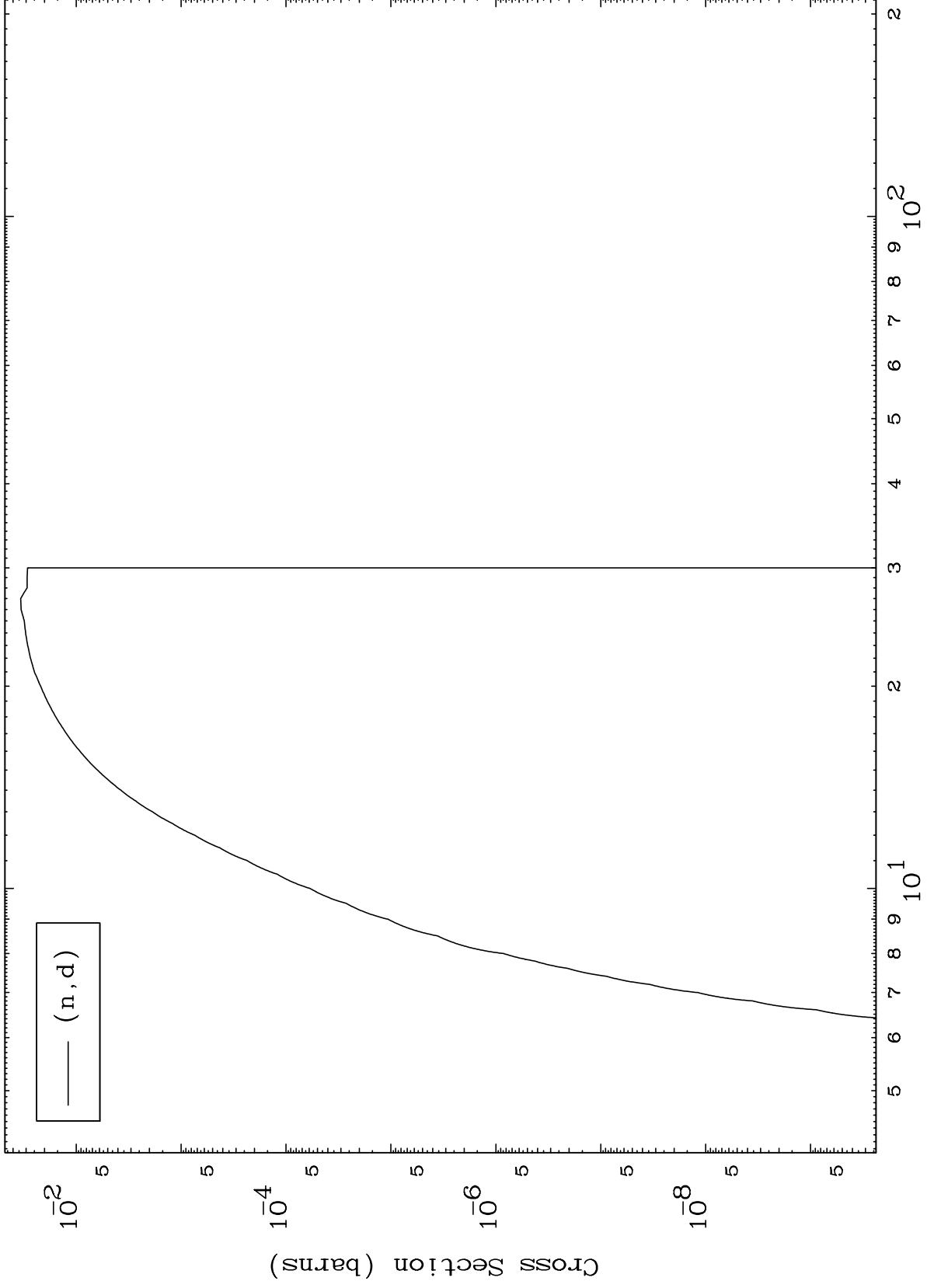
48-Cd-104



MAT 4819

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-104



11

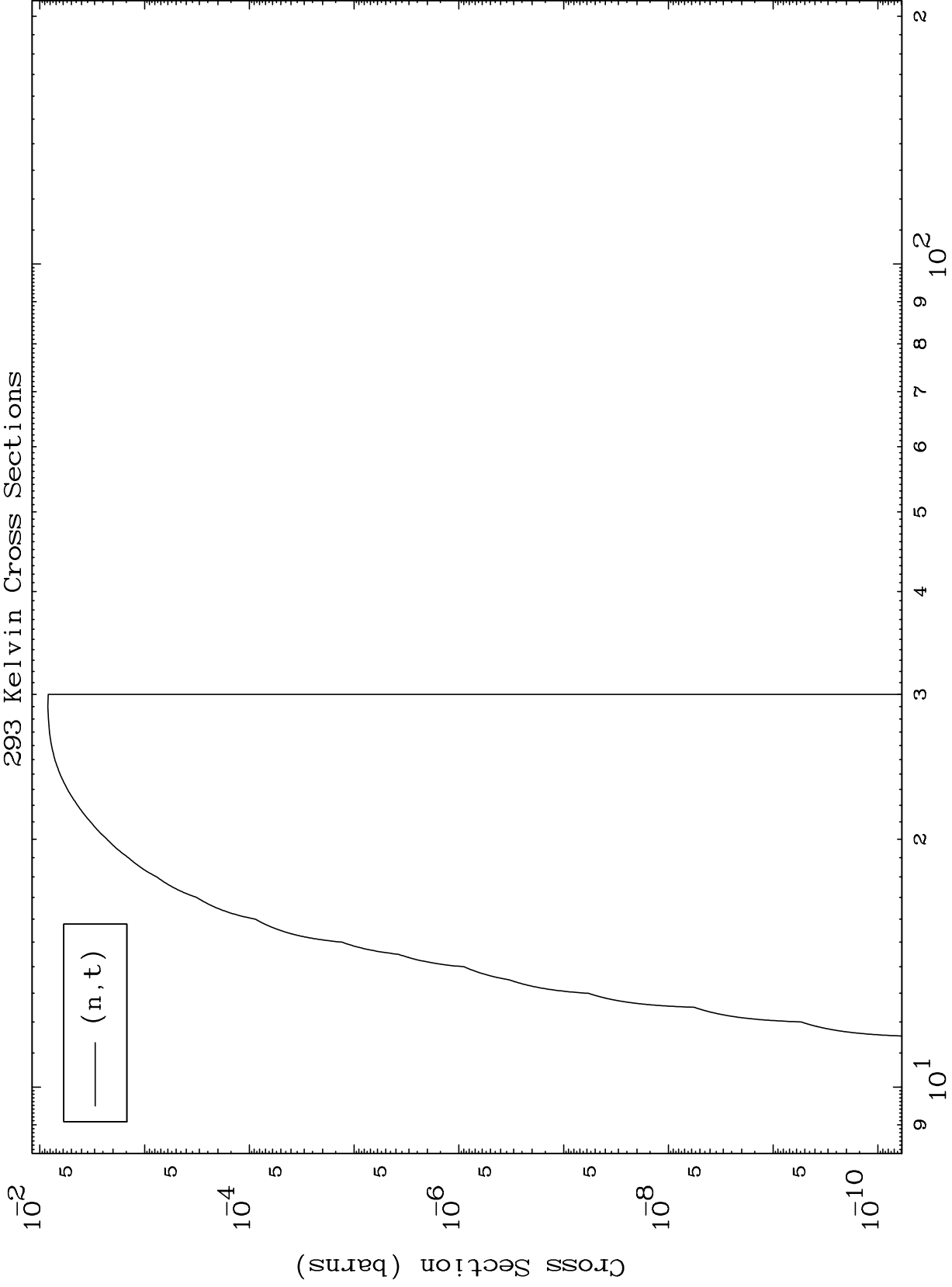
Incident Energy (MeV)

48-Cd-104

MAT 4819

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-104



12

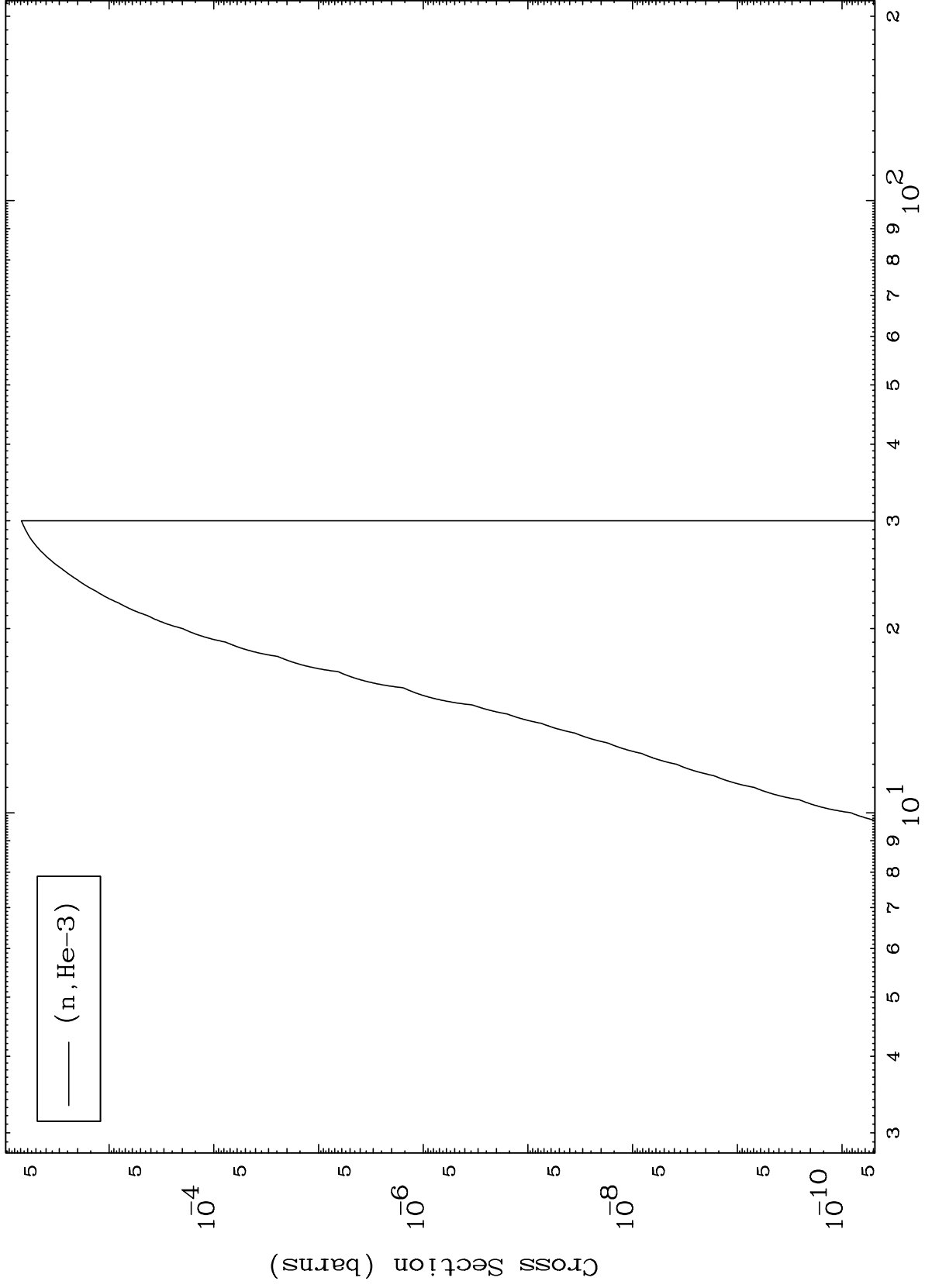
Incident Energy (MeV)

48-Cd-104

MAT 4819

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-104



13

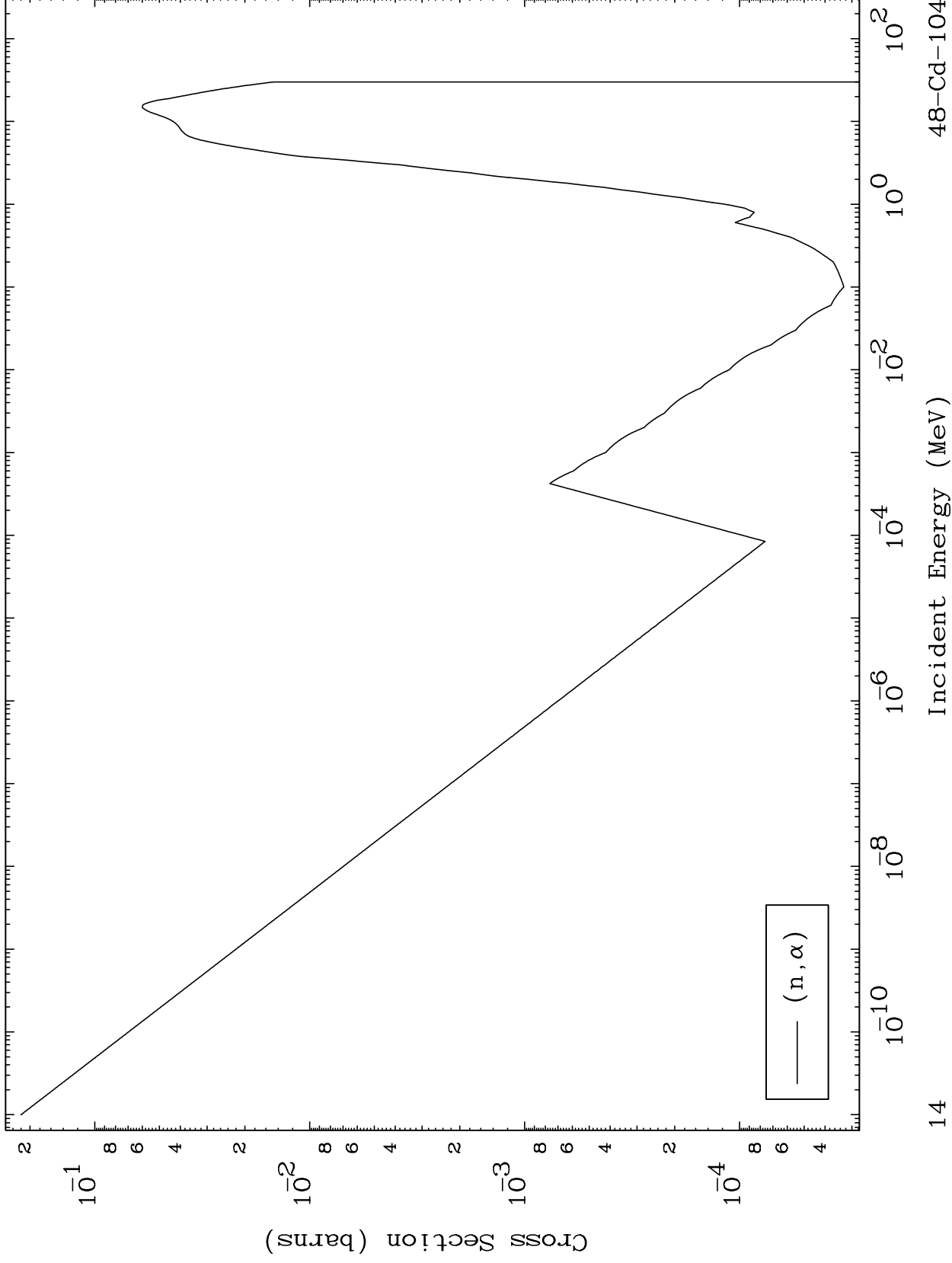
Incident Energy (MeV)

48-Cd-104

MAT 4819

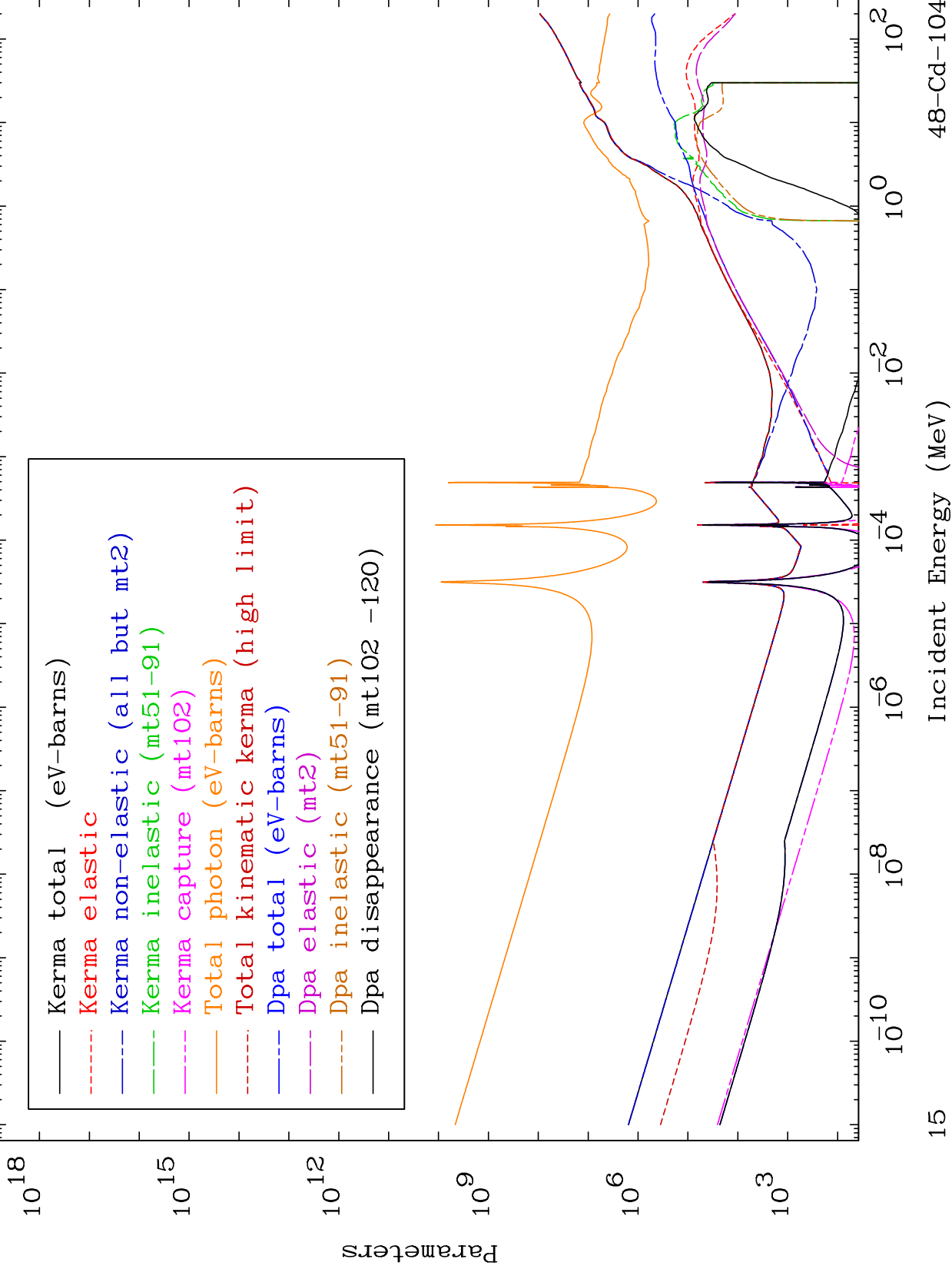
(n, α) Levels
293 Kelvin Cross Sections

48-Cd-104



14

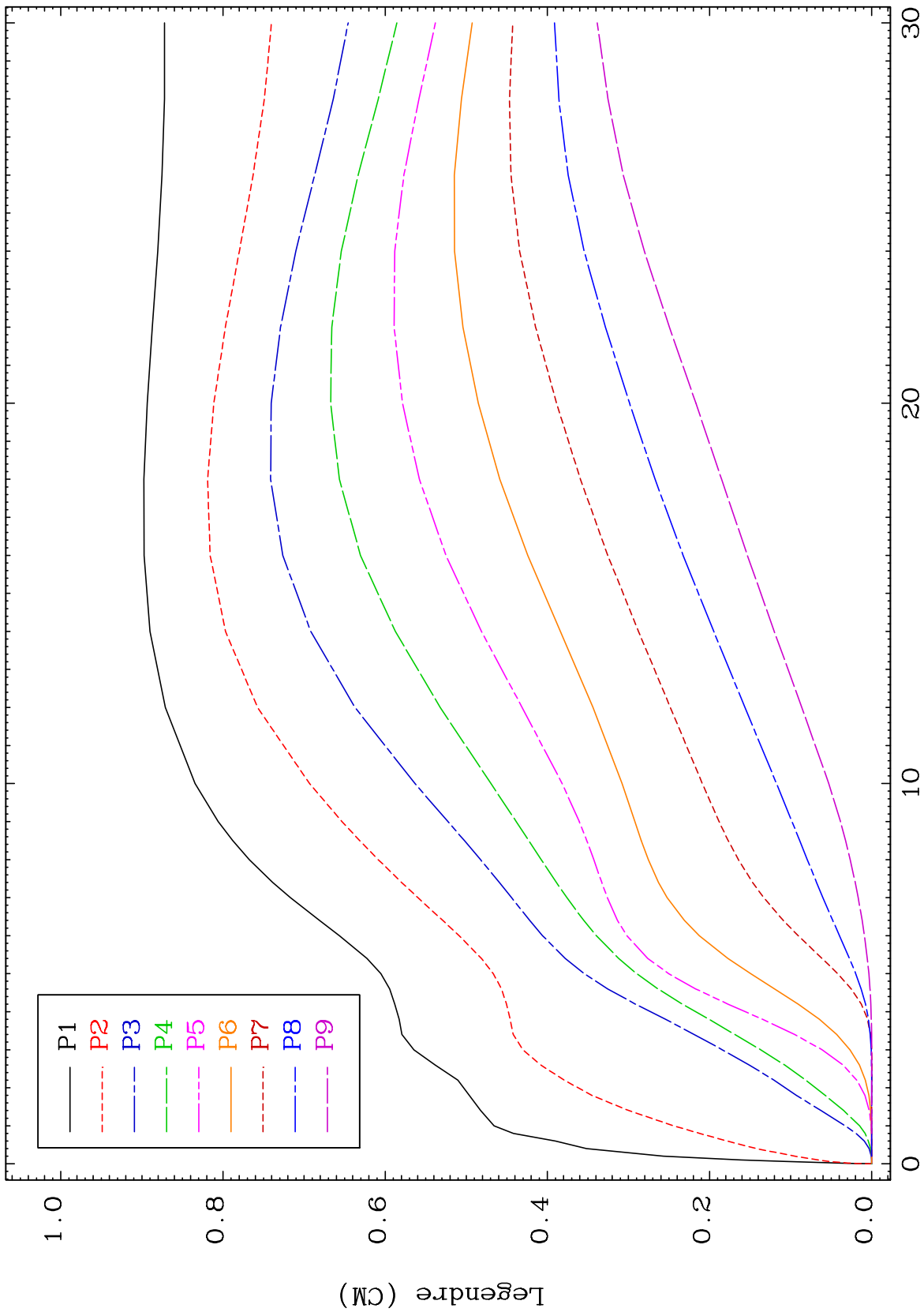
48-Cd-104



MAT 4819

Elastic Legendre Coefficients

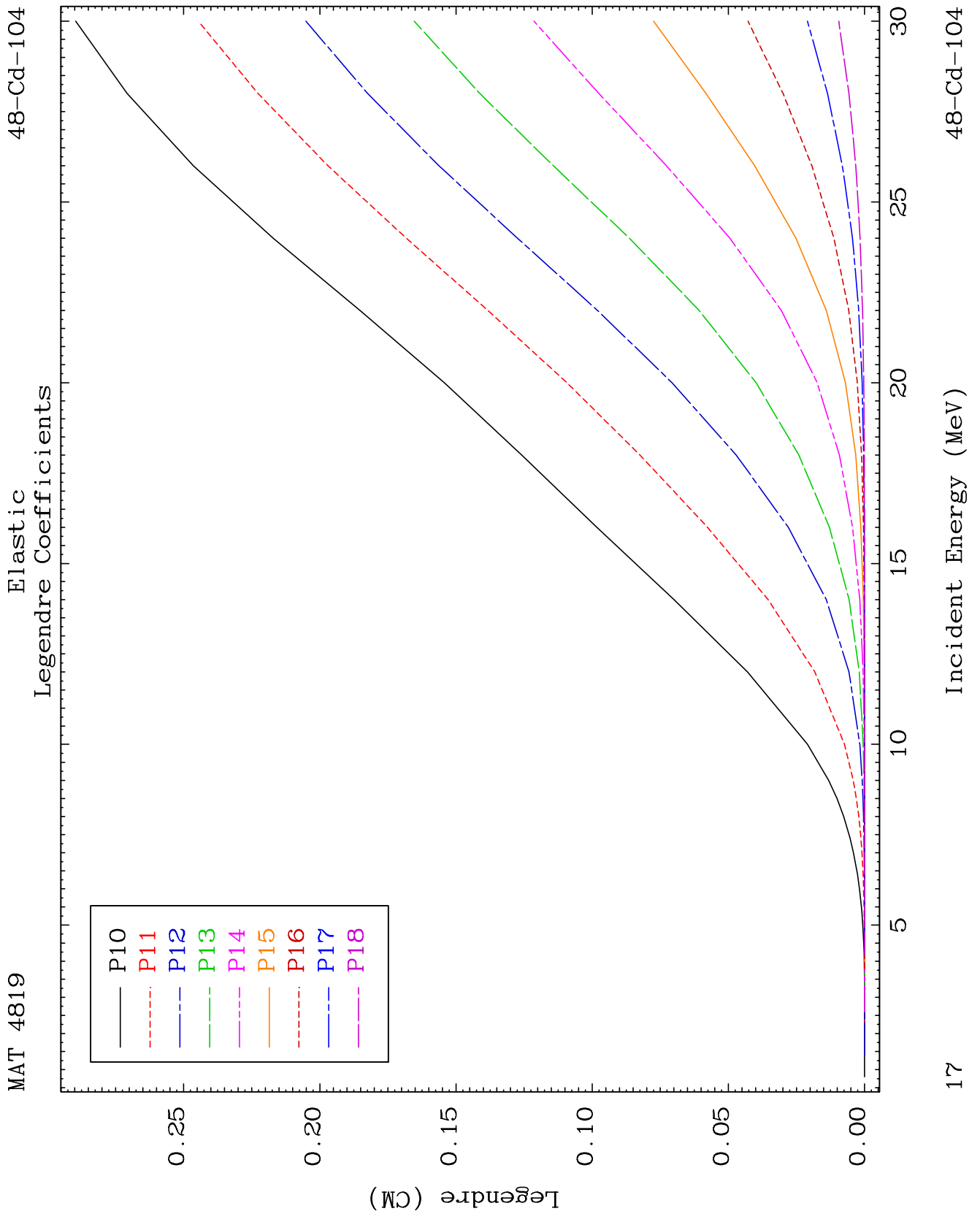
48-Cd-104

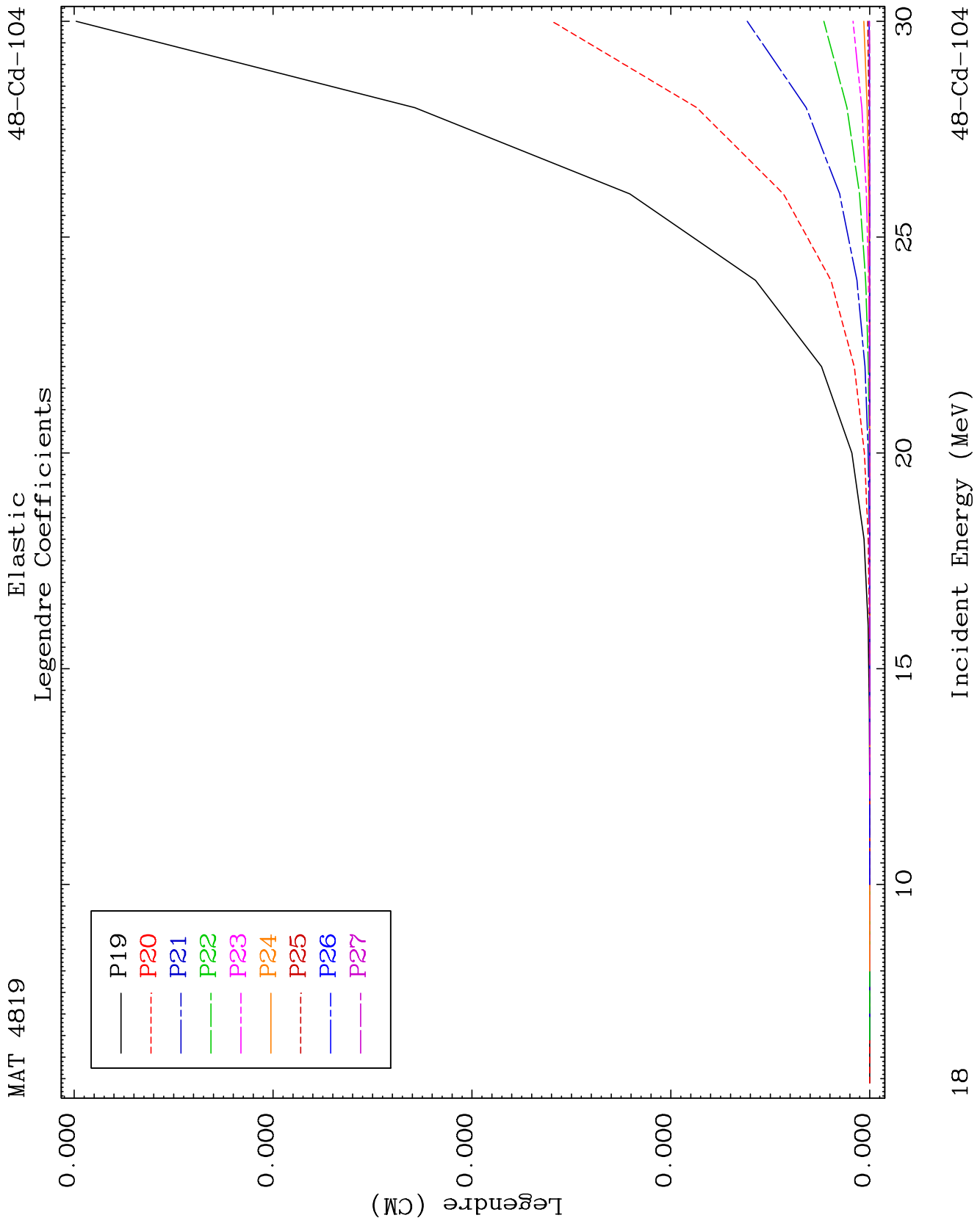


16

Incident Energy (MeV)

48-Cd-104

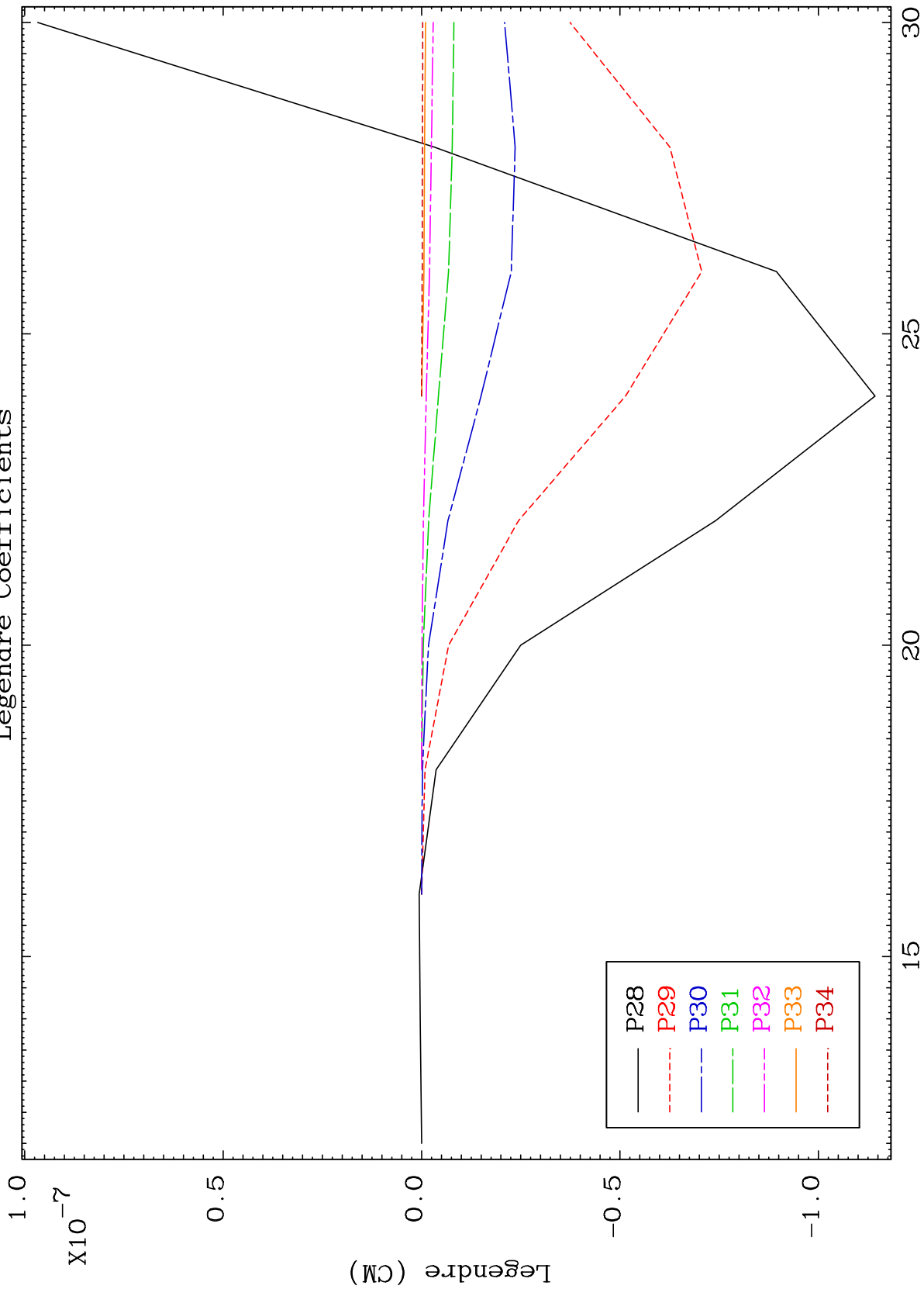




MAT 4819

Elastic Legendre Coefficients

48-Cd-104



19

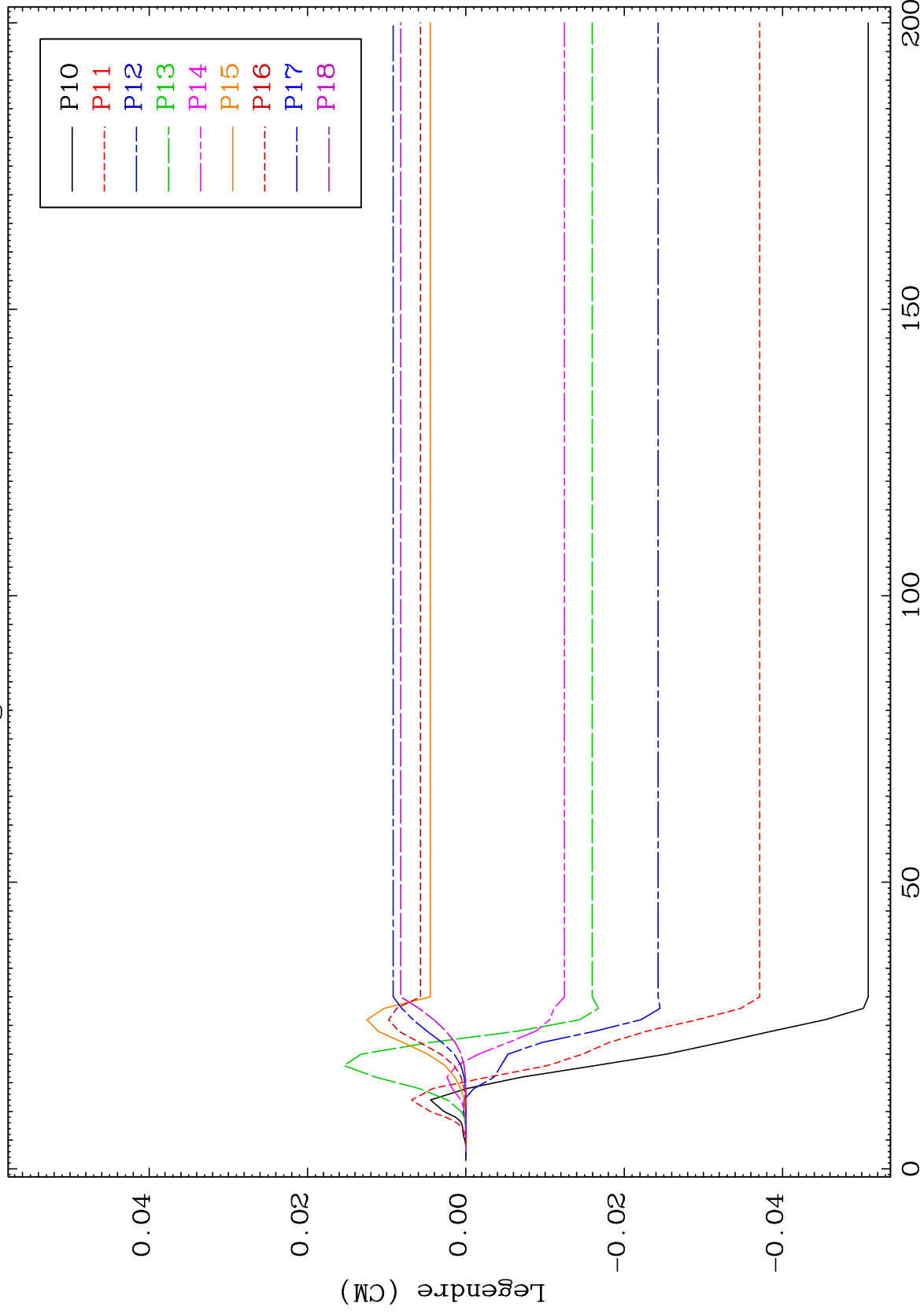
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



21

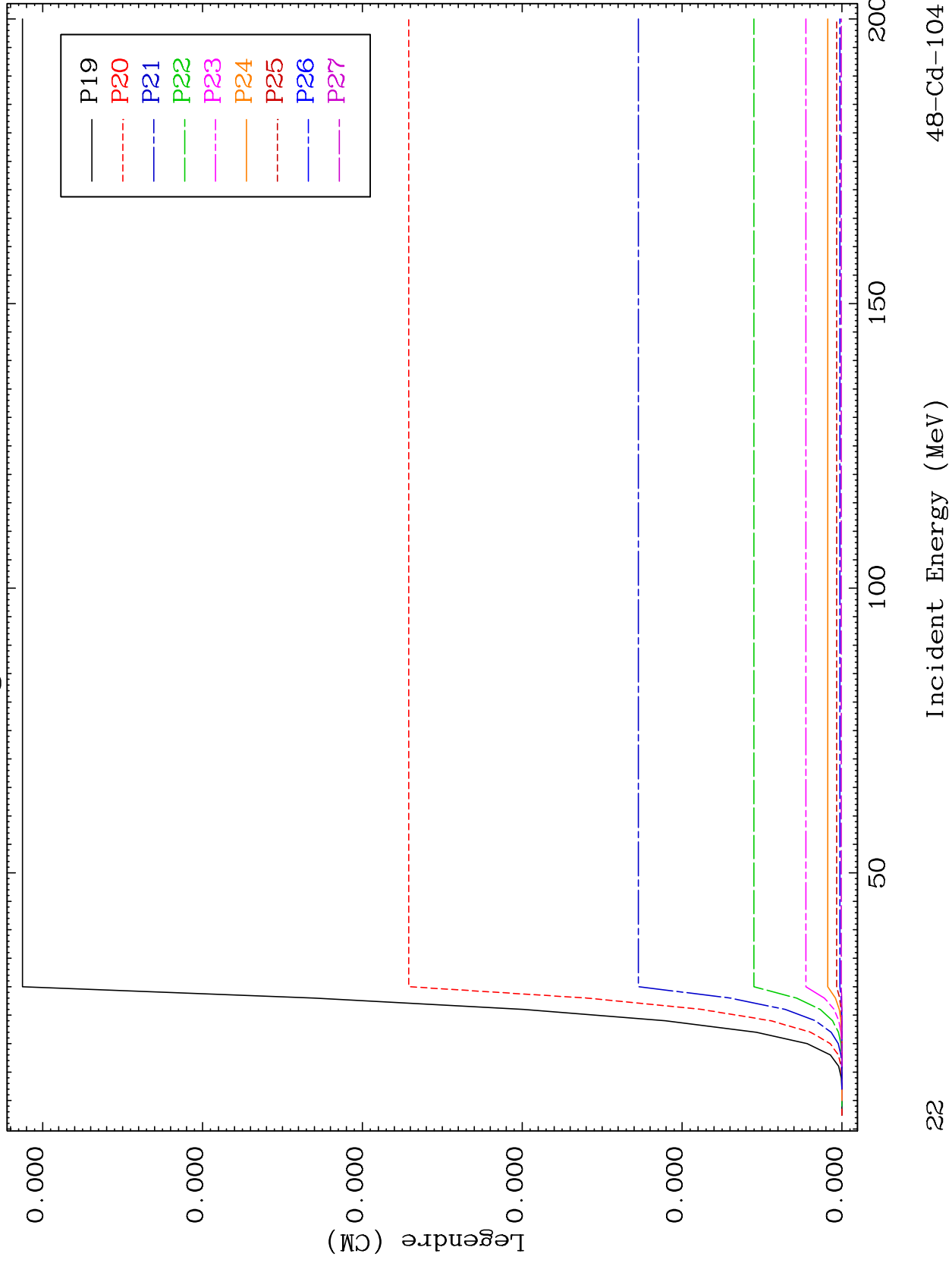
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



22

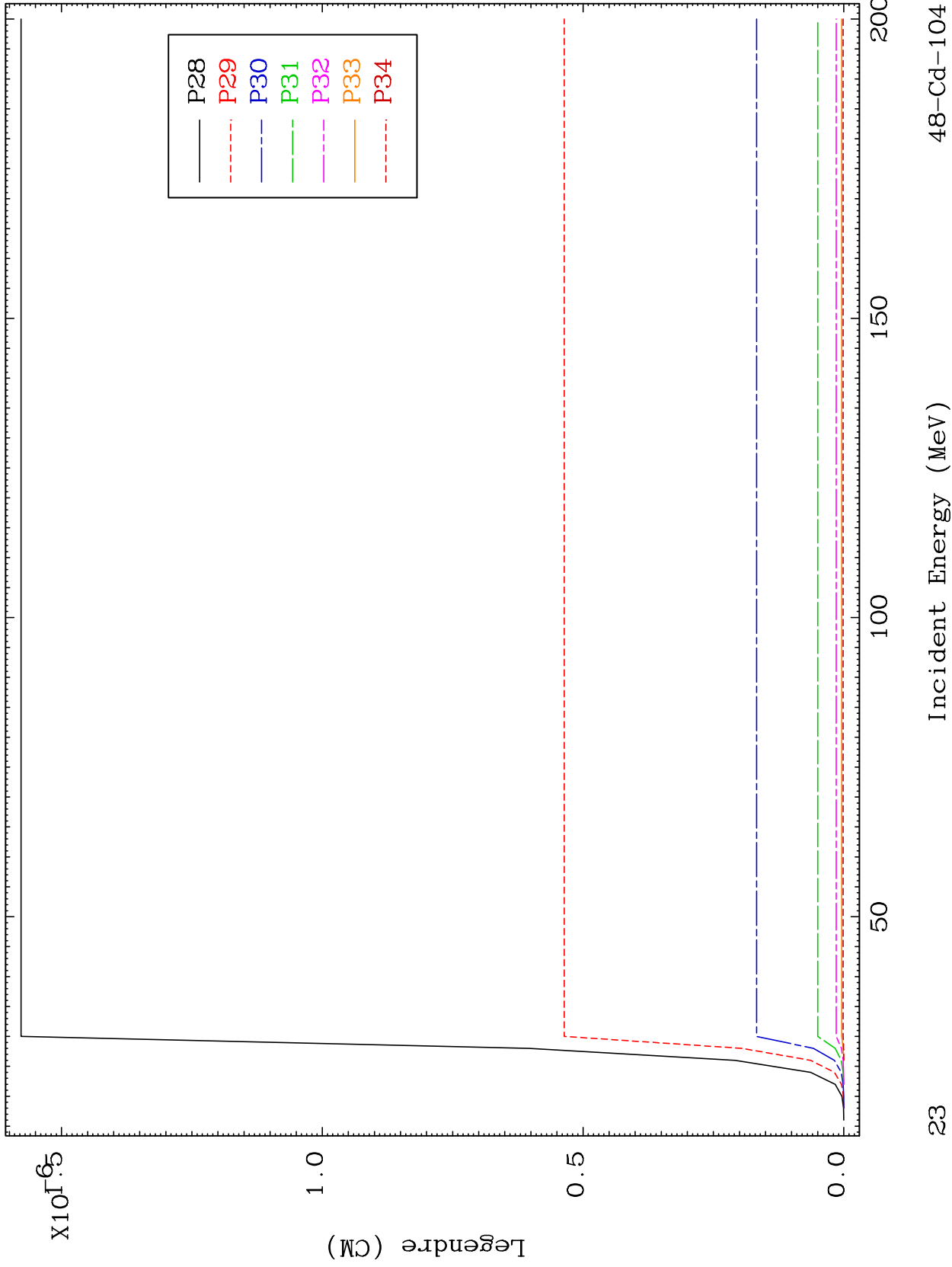
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104

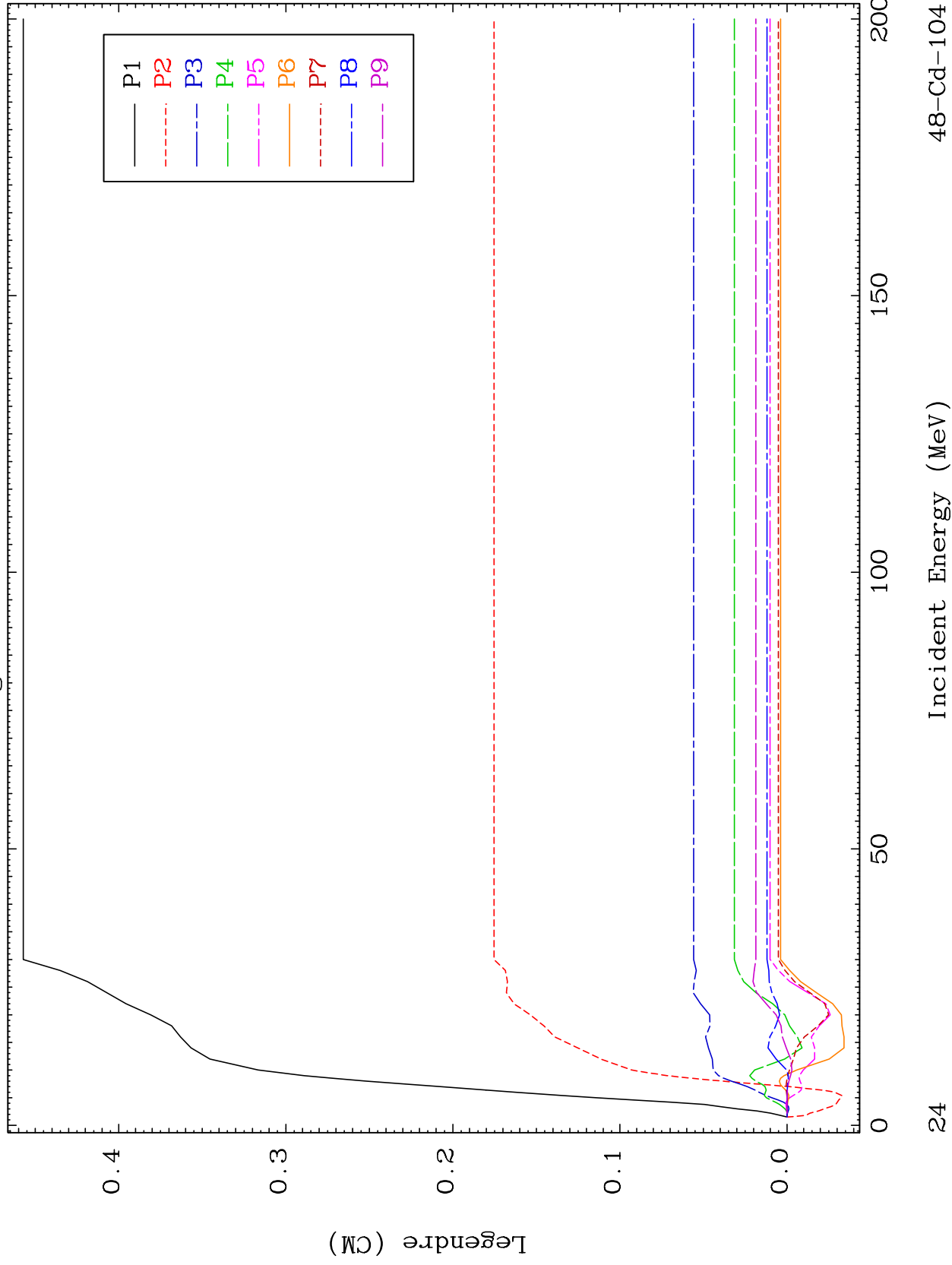


23

MAT 4819

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

48-Cd-104



48-Cd-104

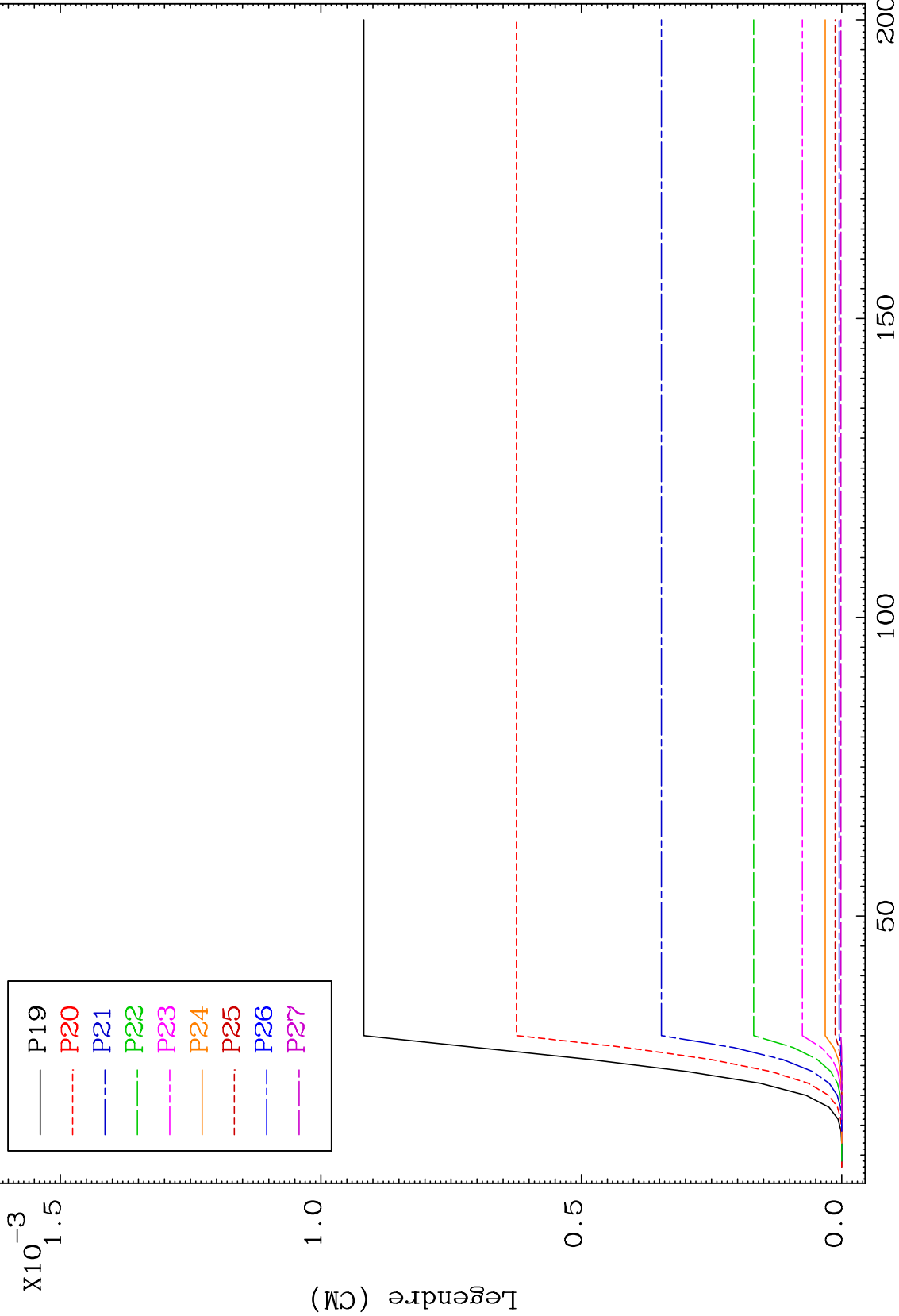
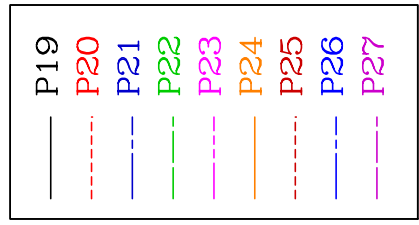
Incident Energy (MeV)

24

MAT 4819

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

48-Cd-104



26

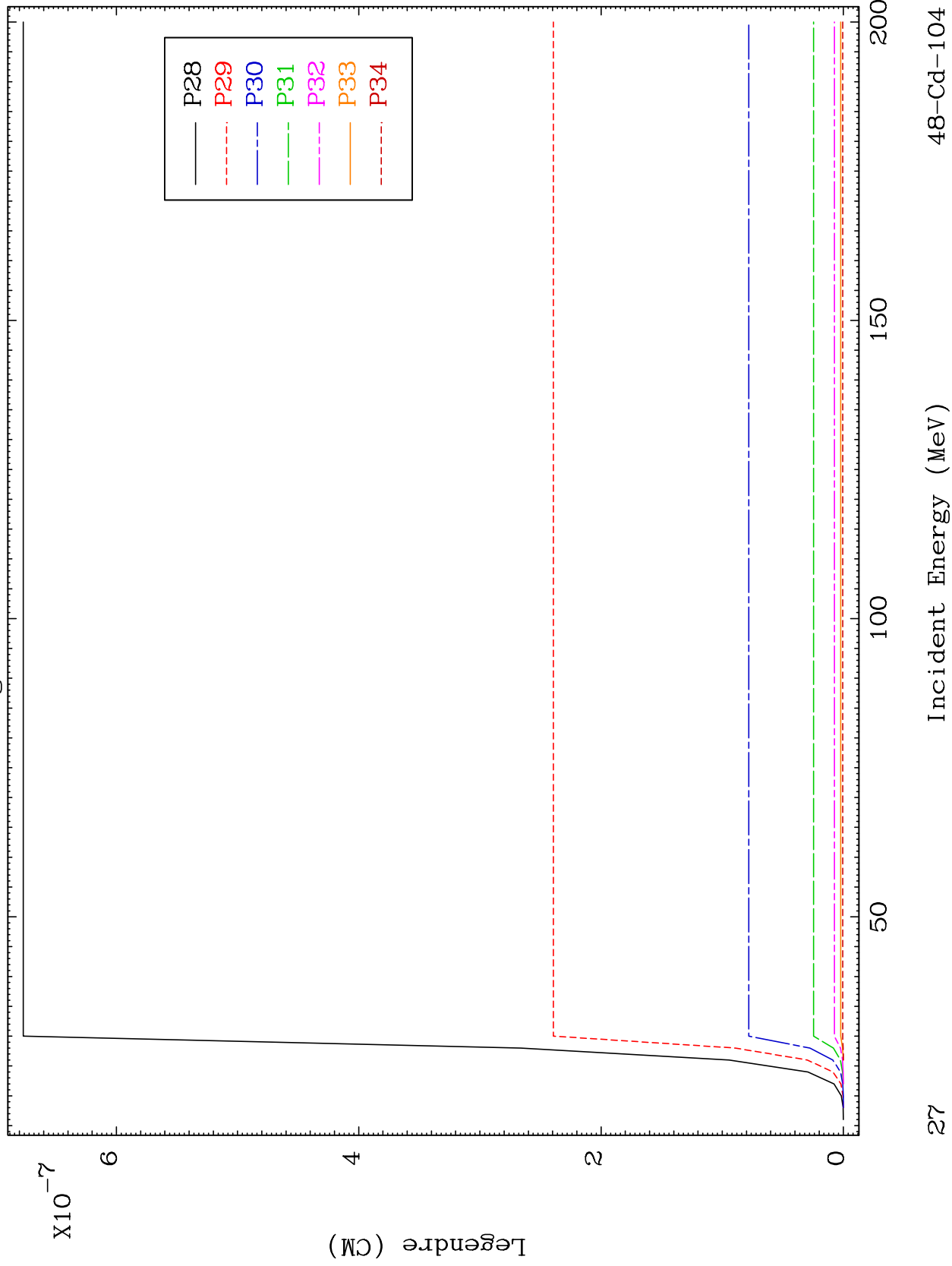
Incident Energy (MeV)

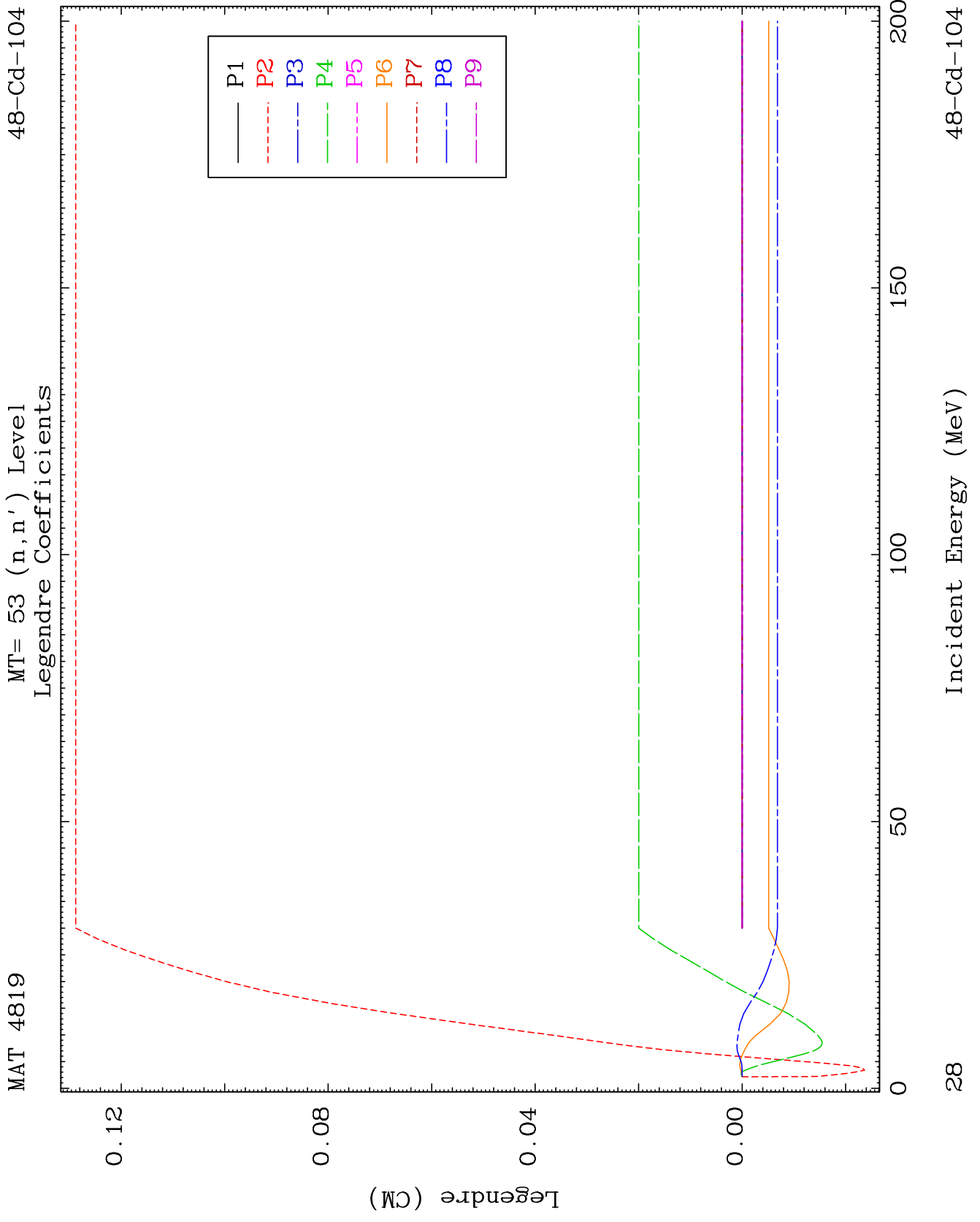
48-Cd-104

MAT 4819

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

48-Cd-104

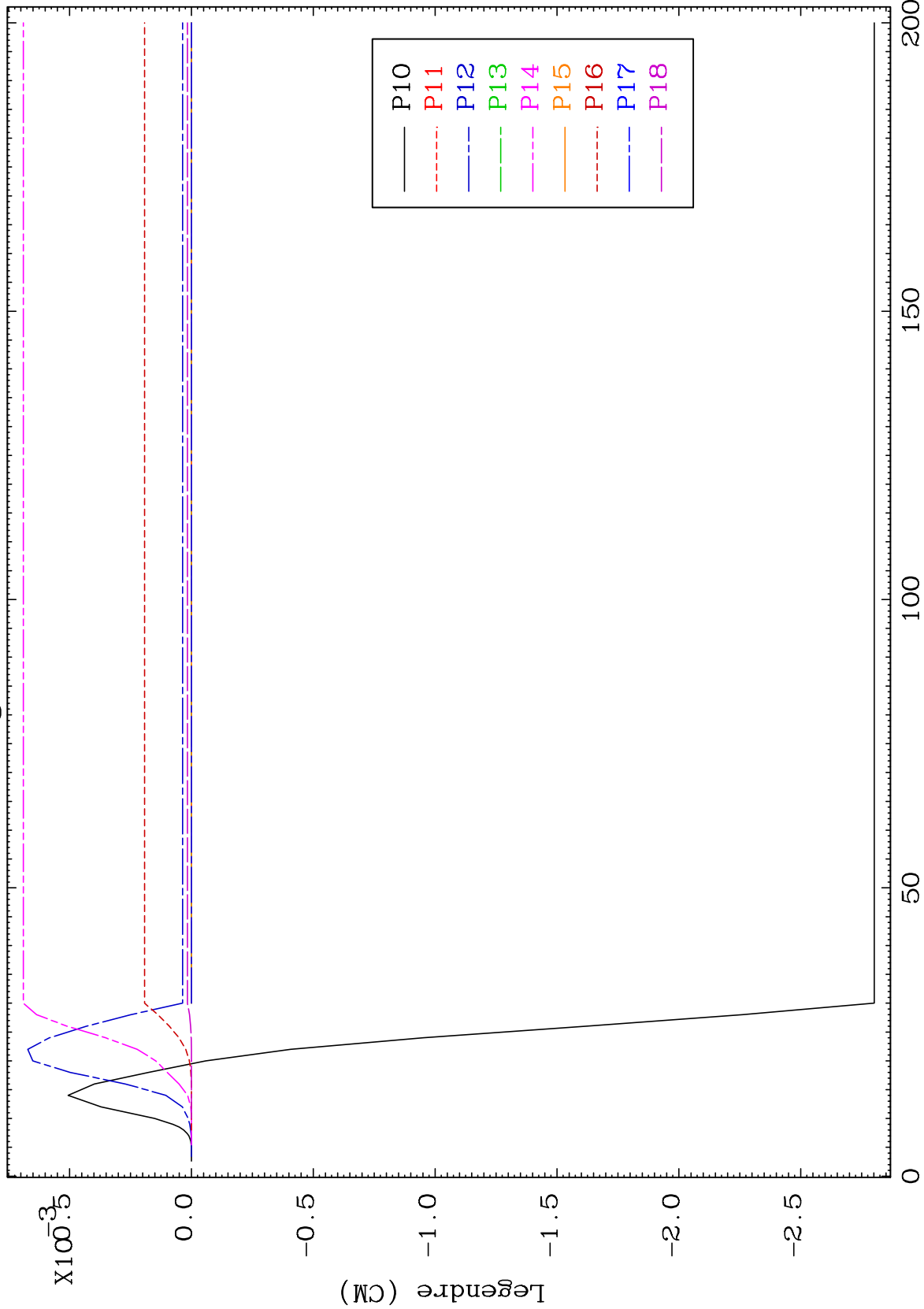




MAT 4819

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

48-Cd-104



29

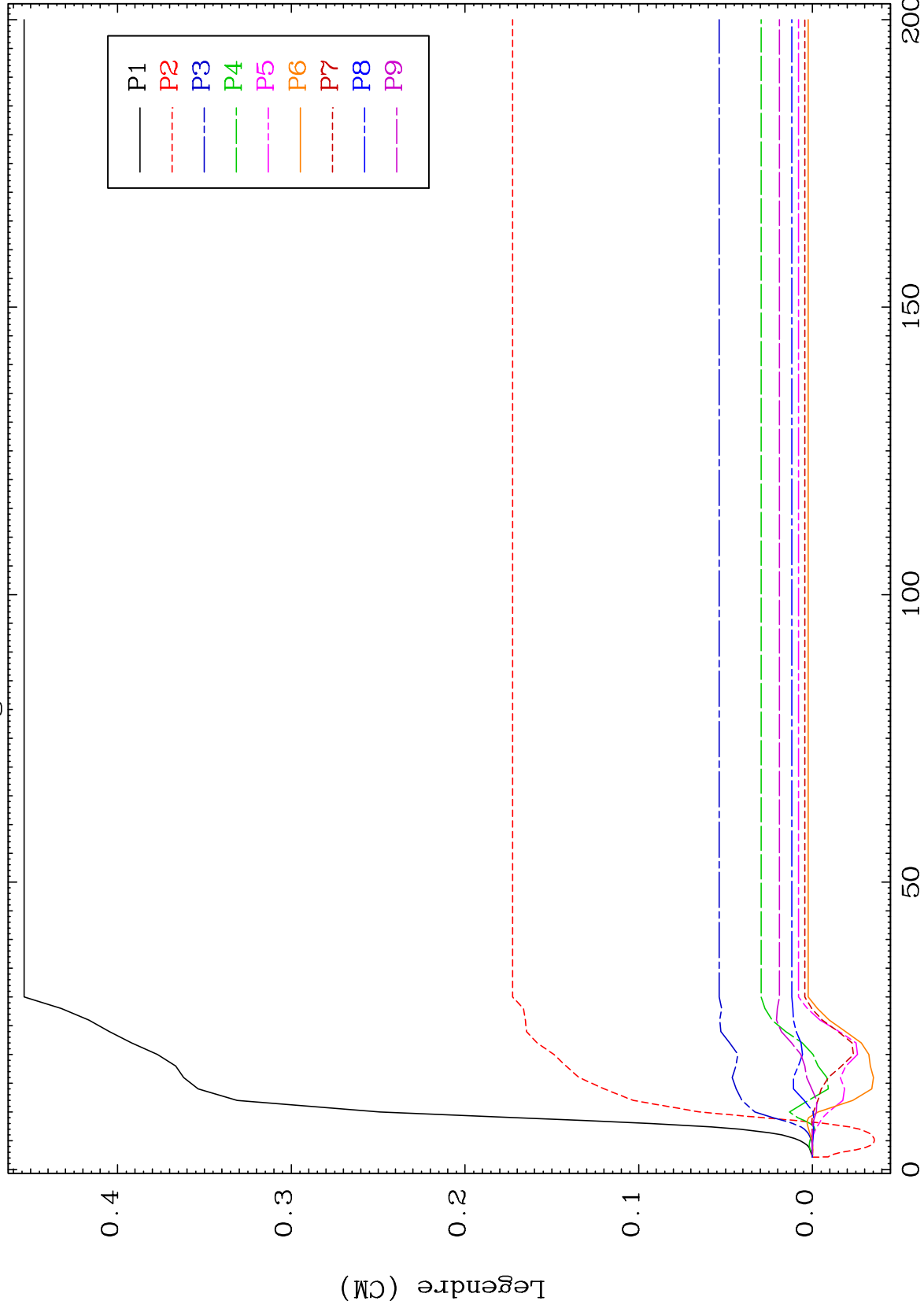
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



31

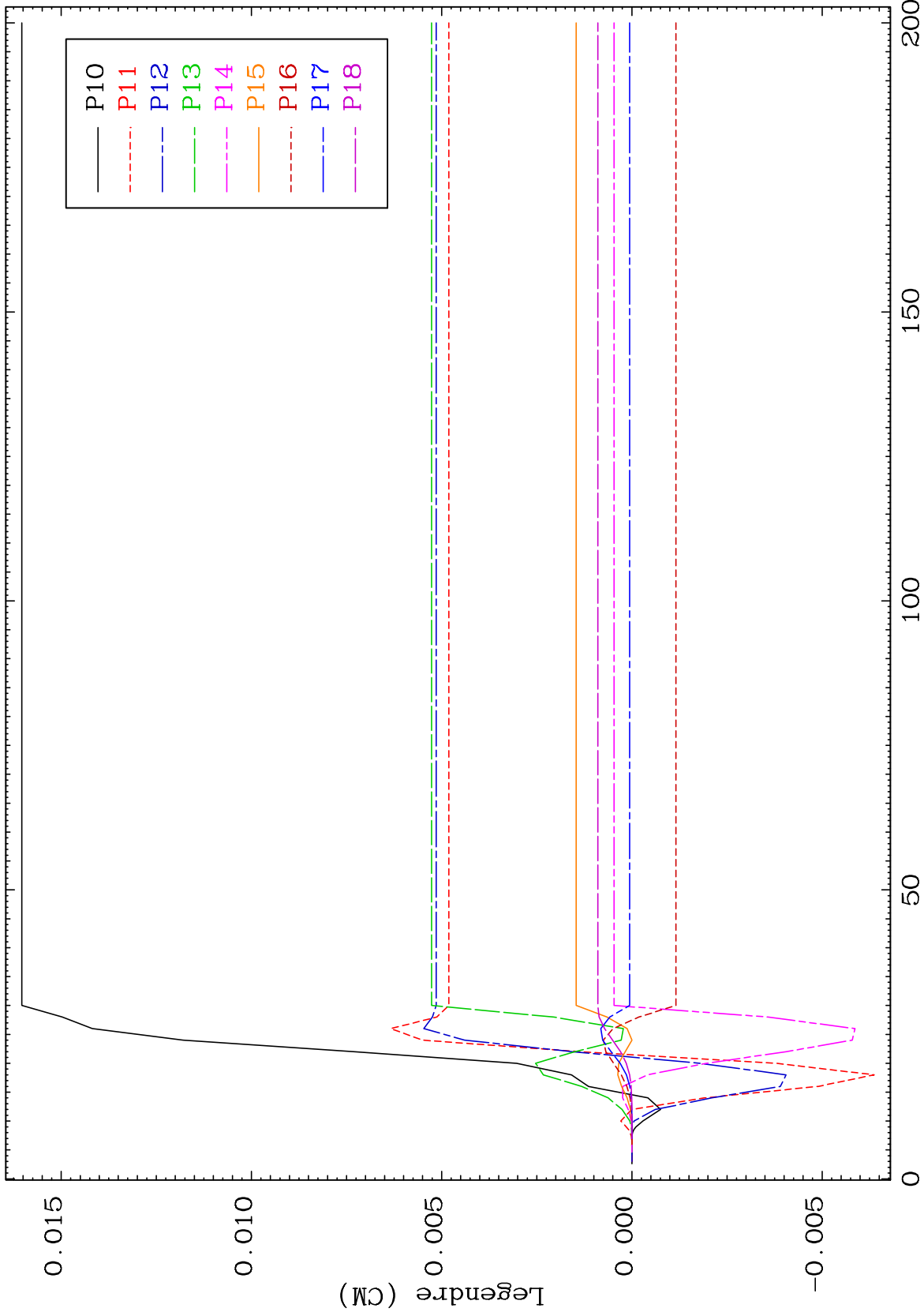
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



32

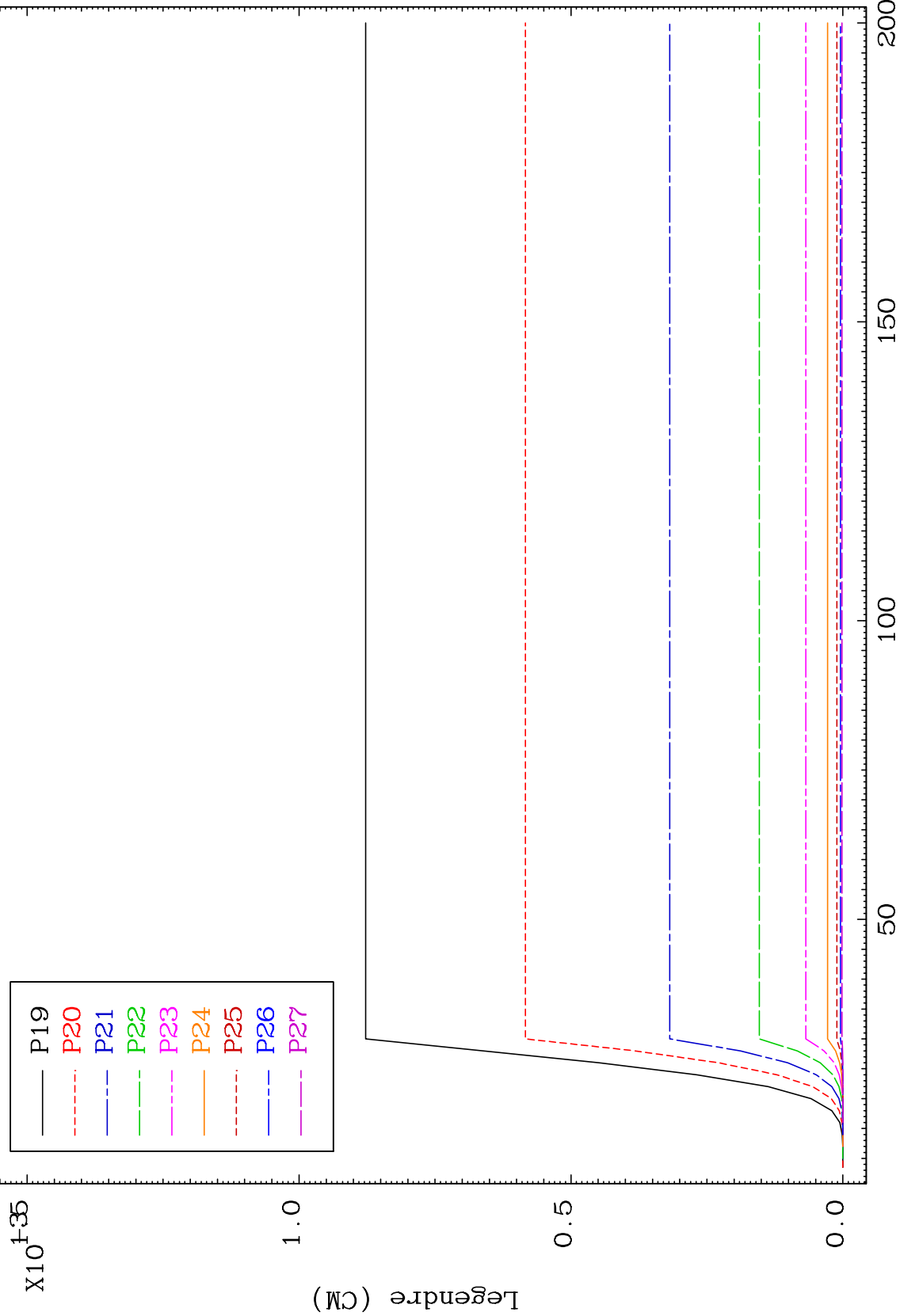
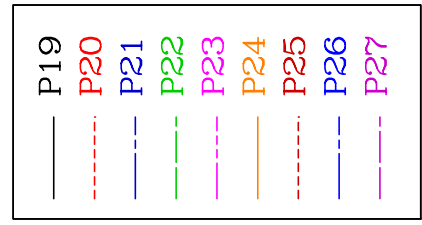
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

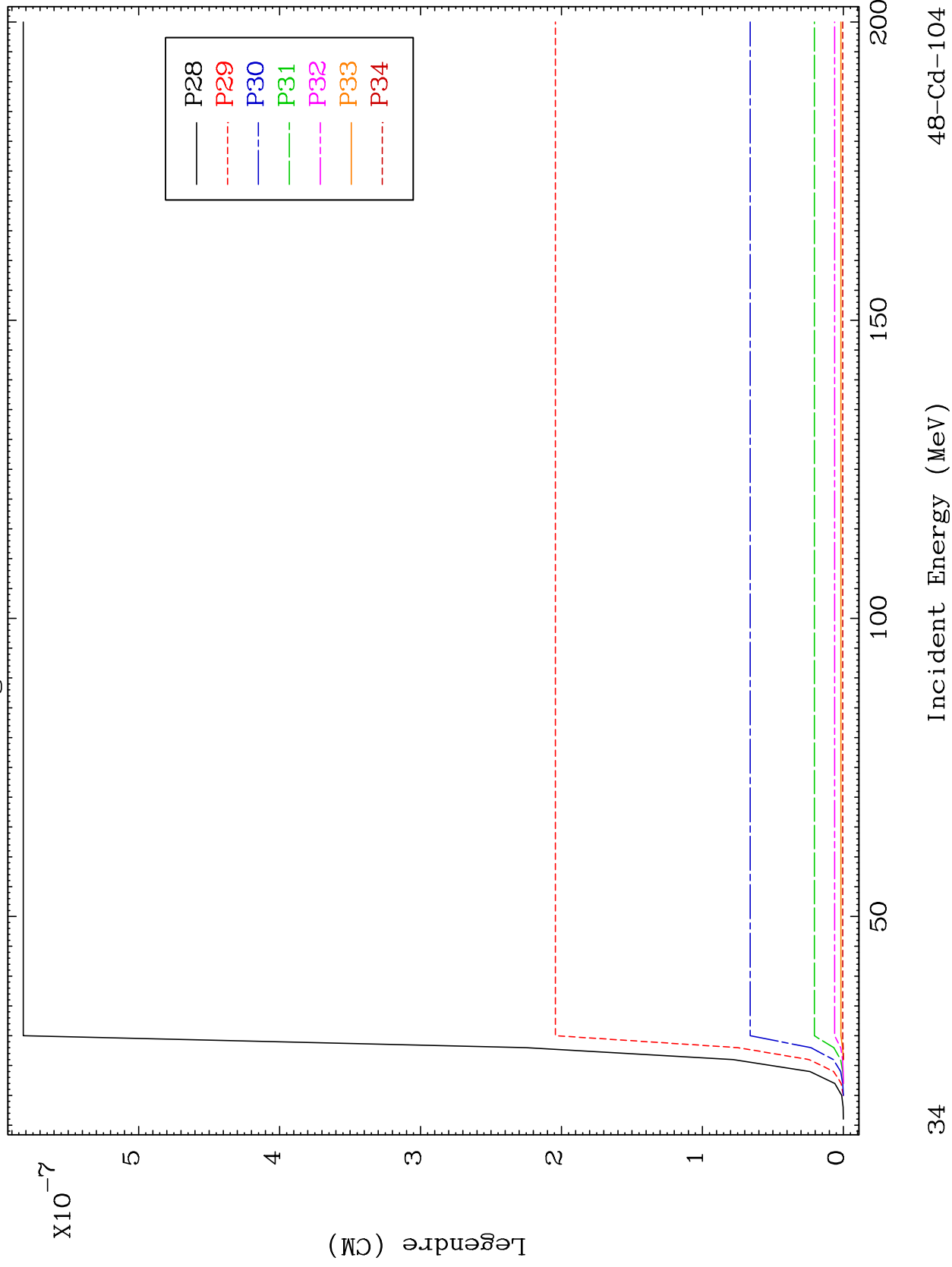
48-Cd-104



MAT 4819

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

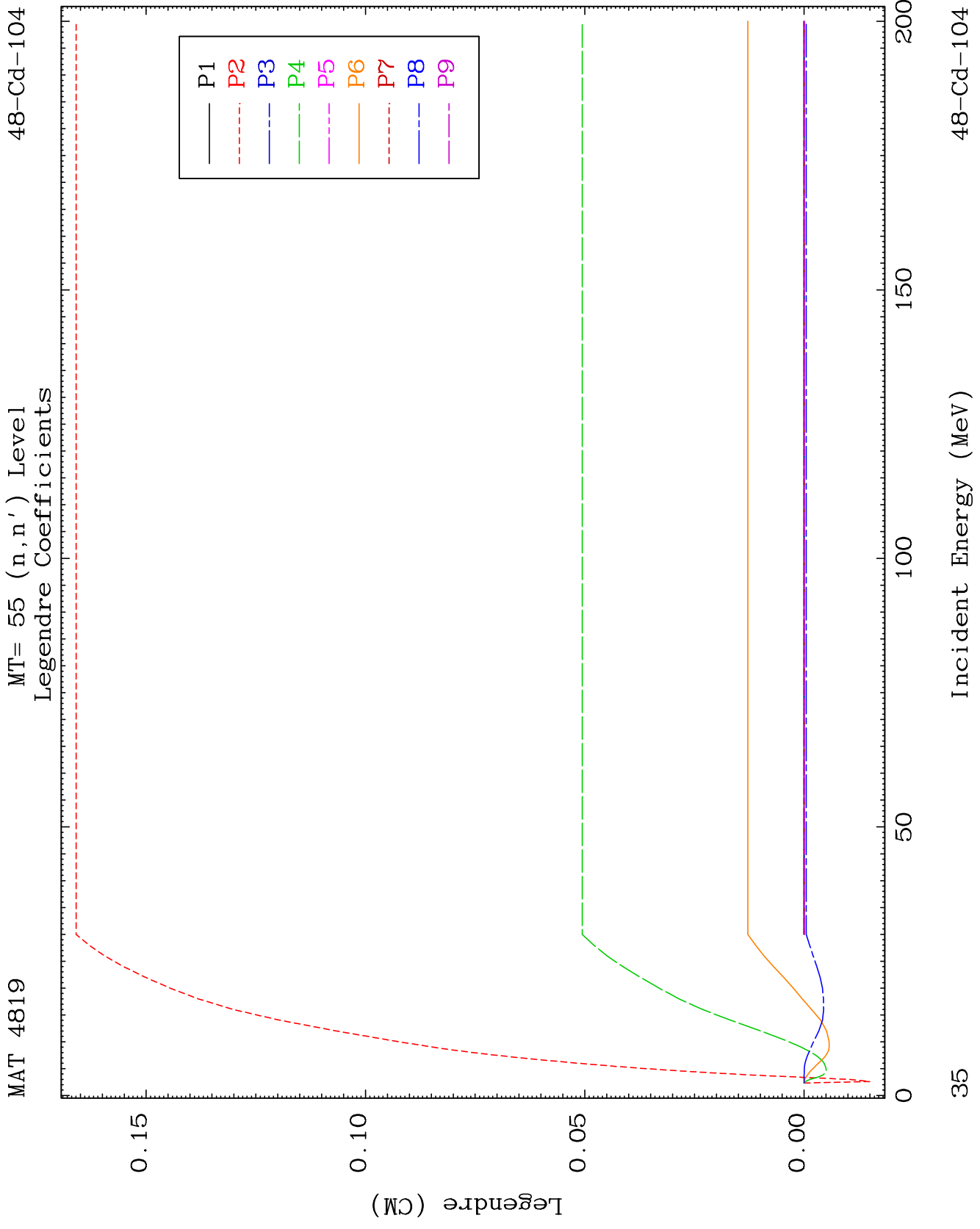
48-Cd-104



34

Incident Energy (MeV)

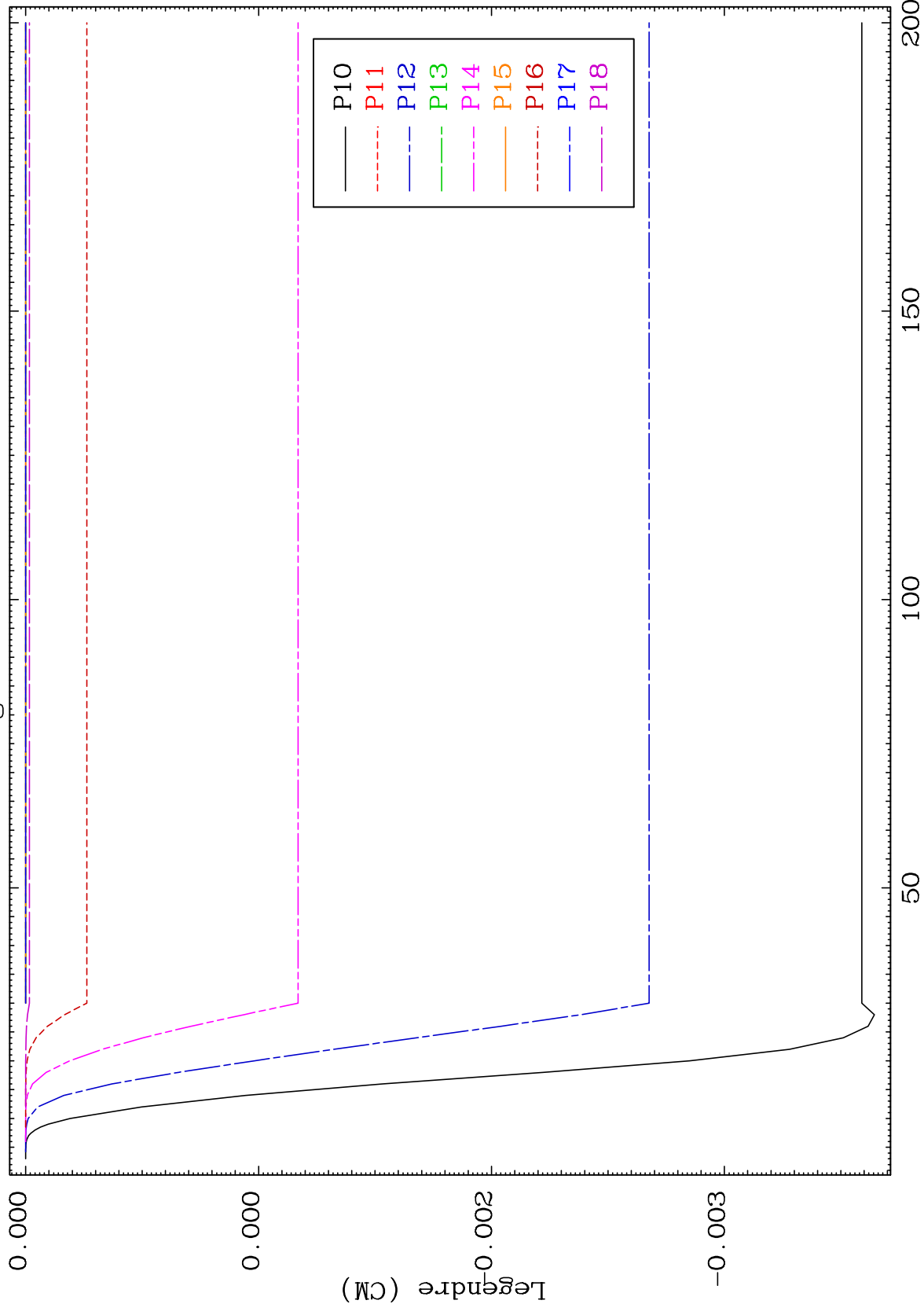
48-Cd-104



MAT 4819

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

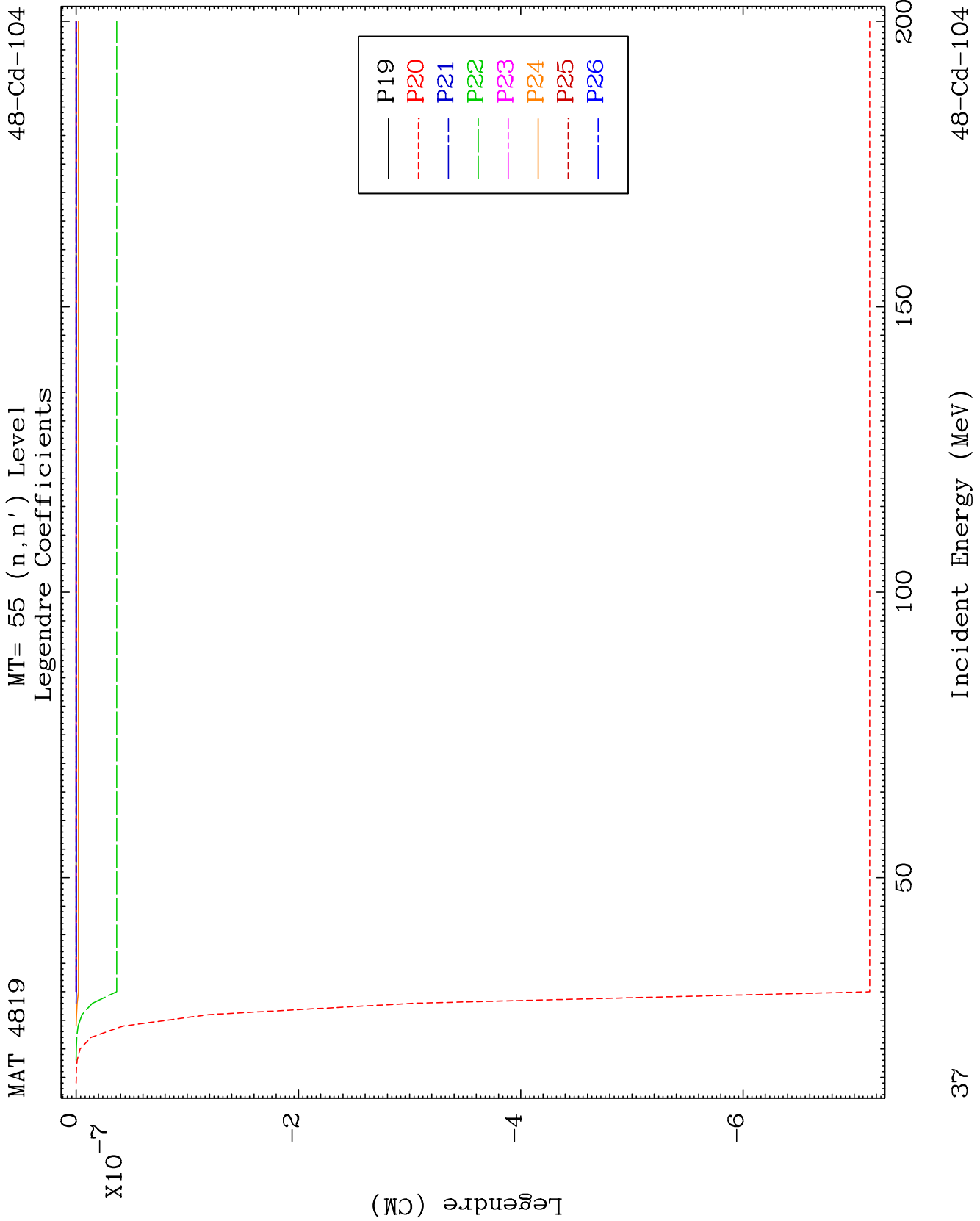
48-Cd-104



36

Incident Energy (MeV)

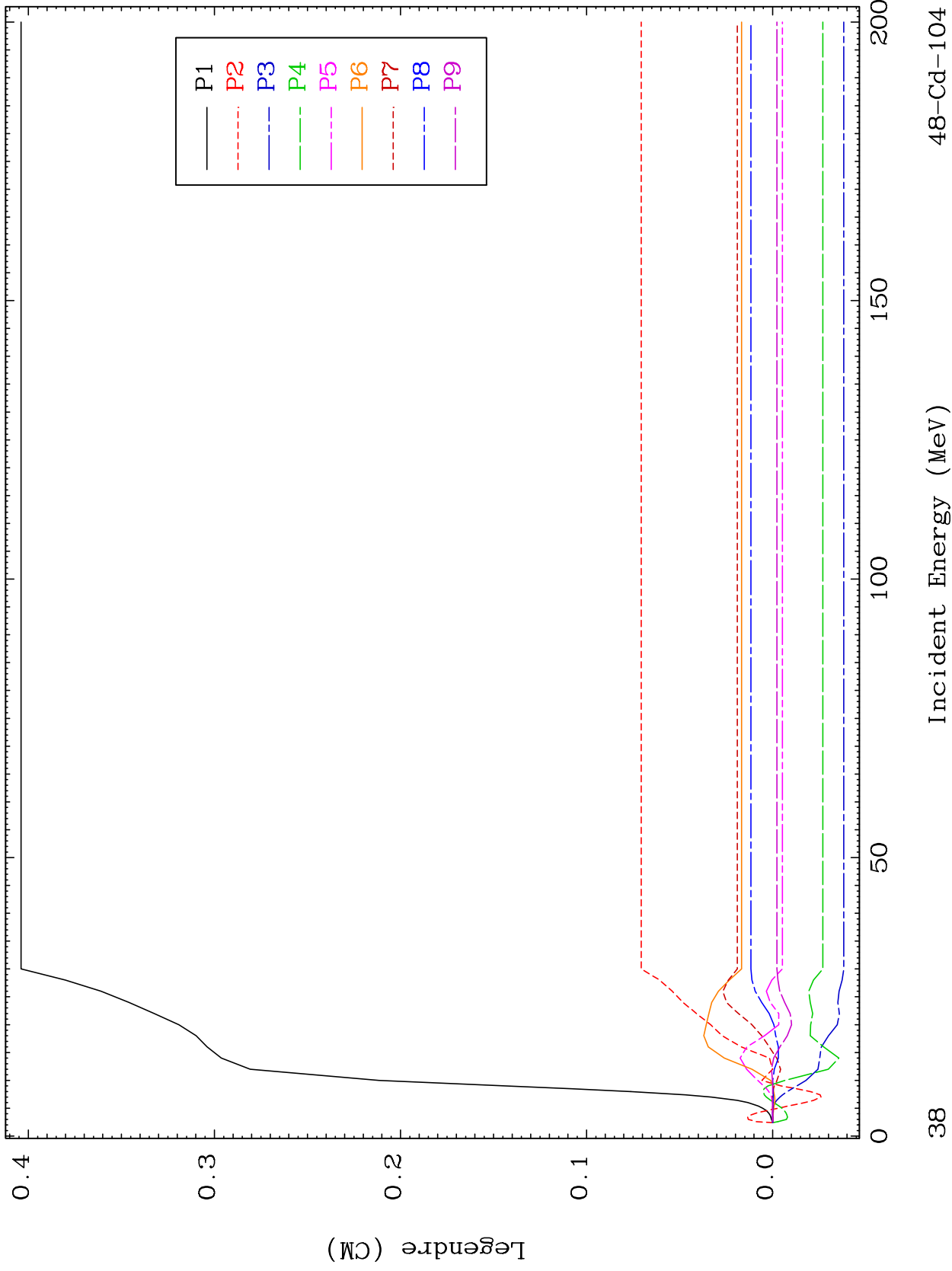
48-Cd-104



MAT 4819

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

48-Cd-104



48-Cd-104

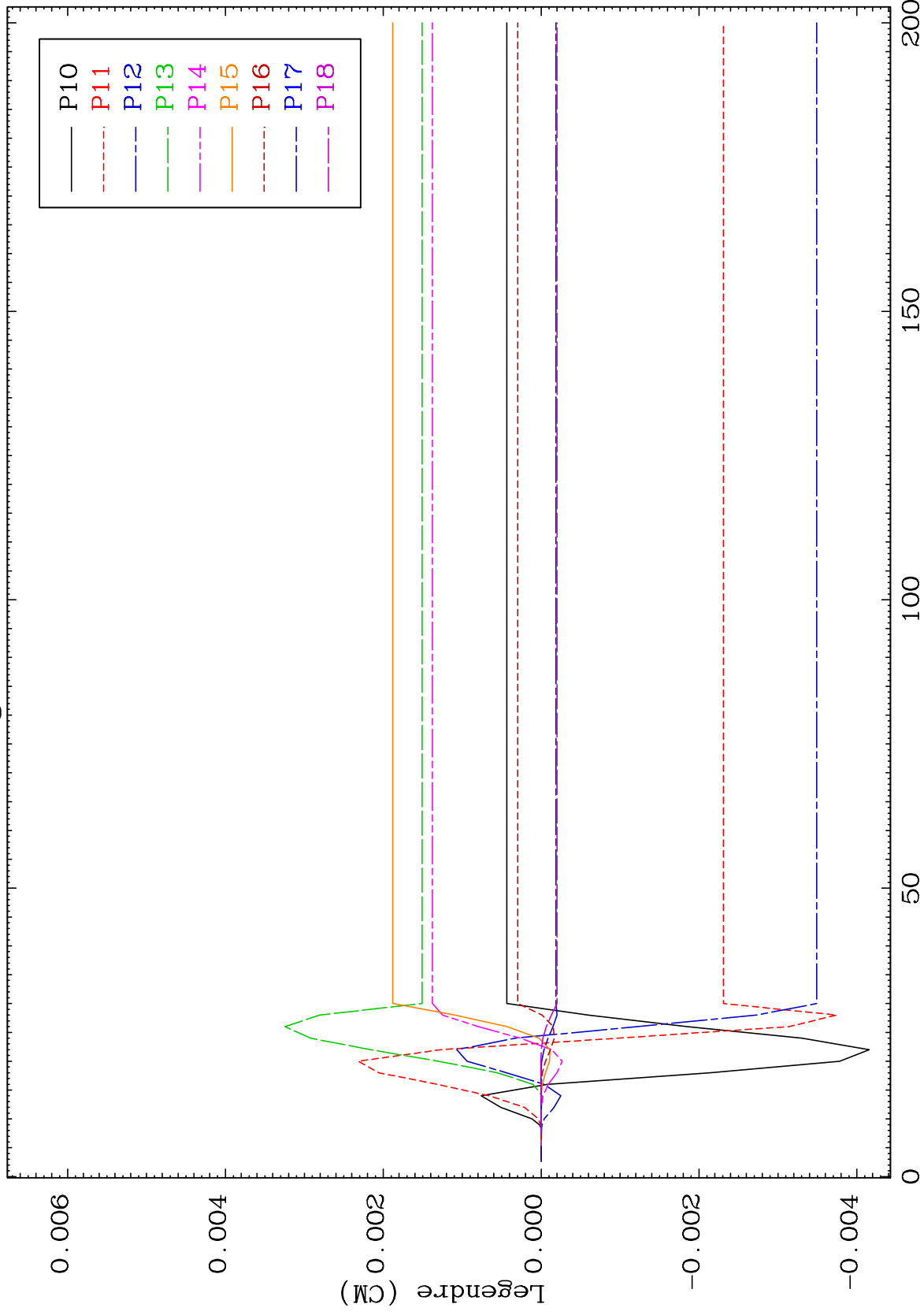
Incident Energy (MeV)

38

MAT 4819

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

48-Cd-104



39

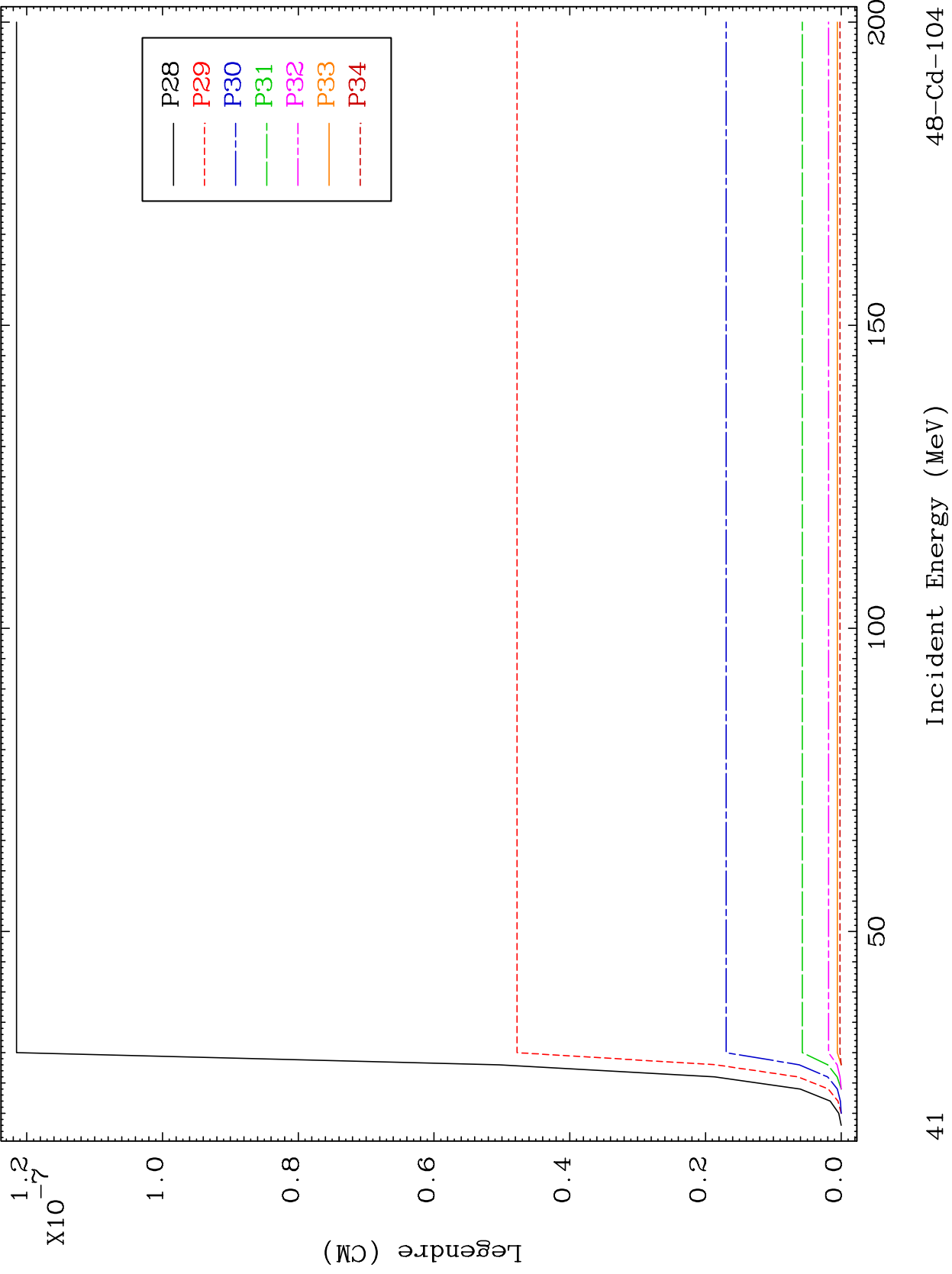
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



41

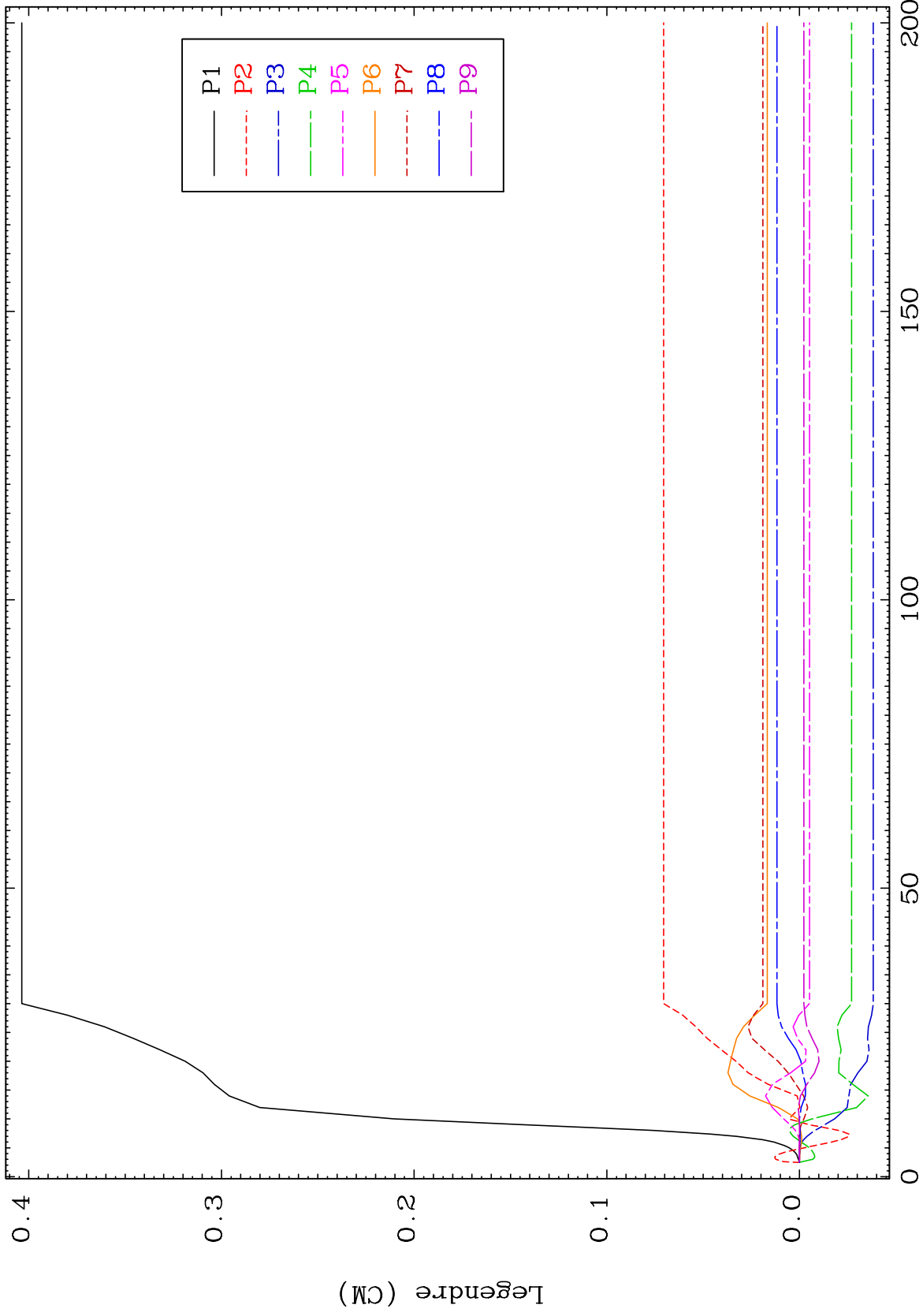
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



42

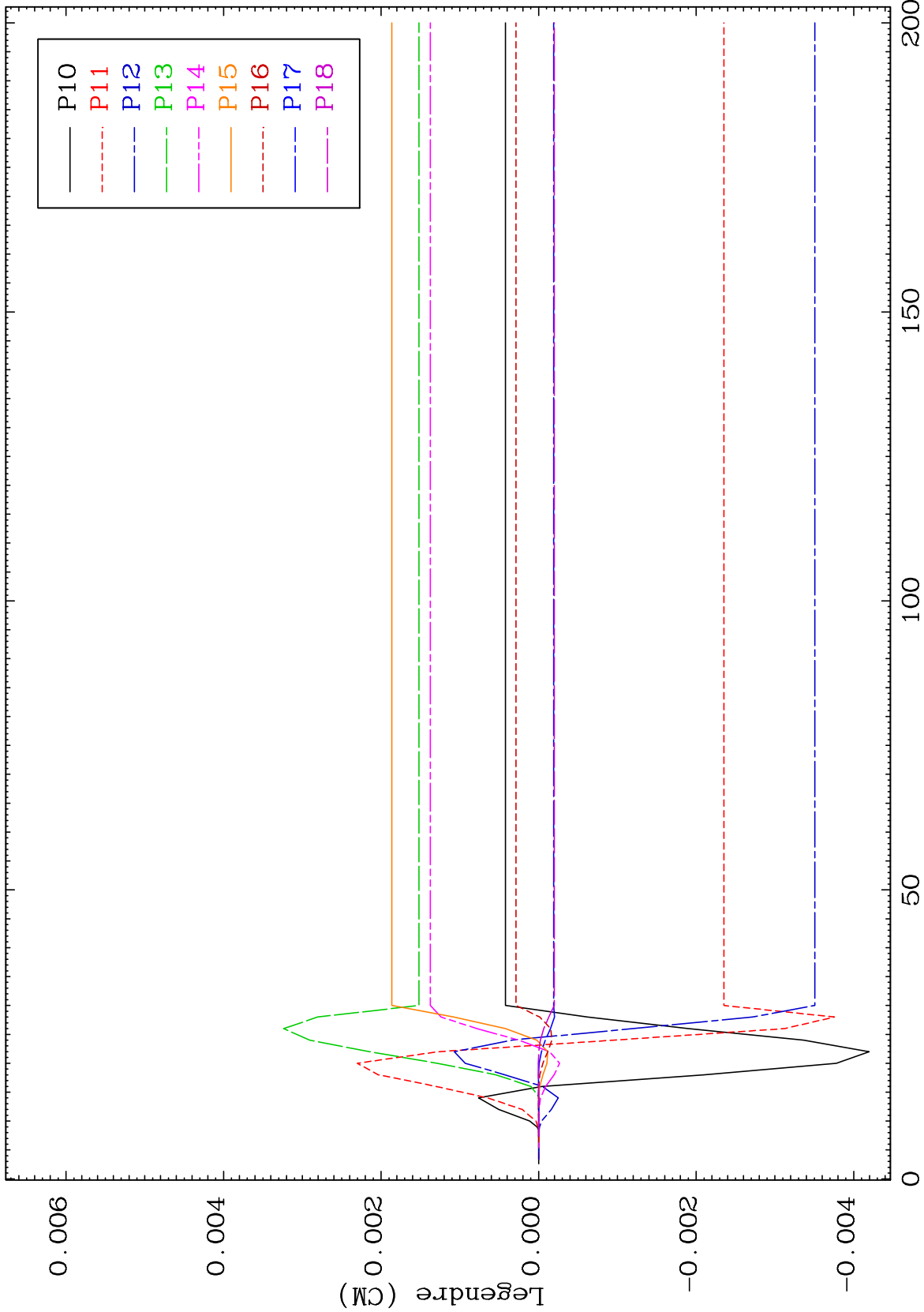
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

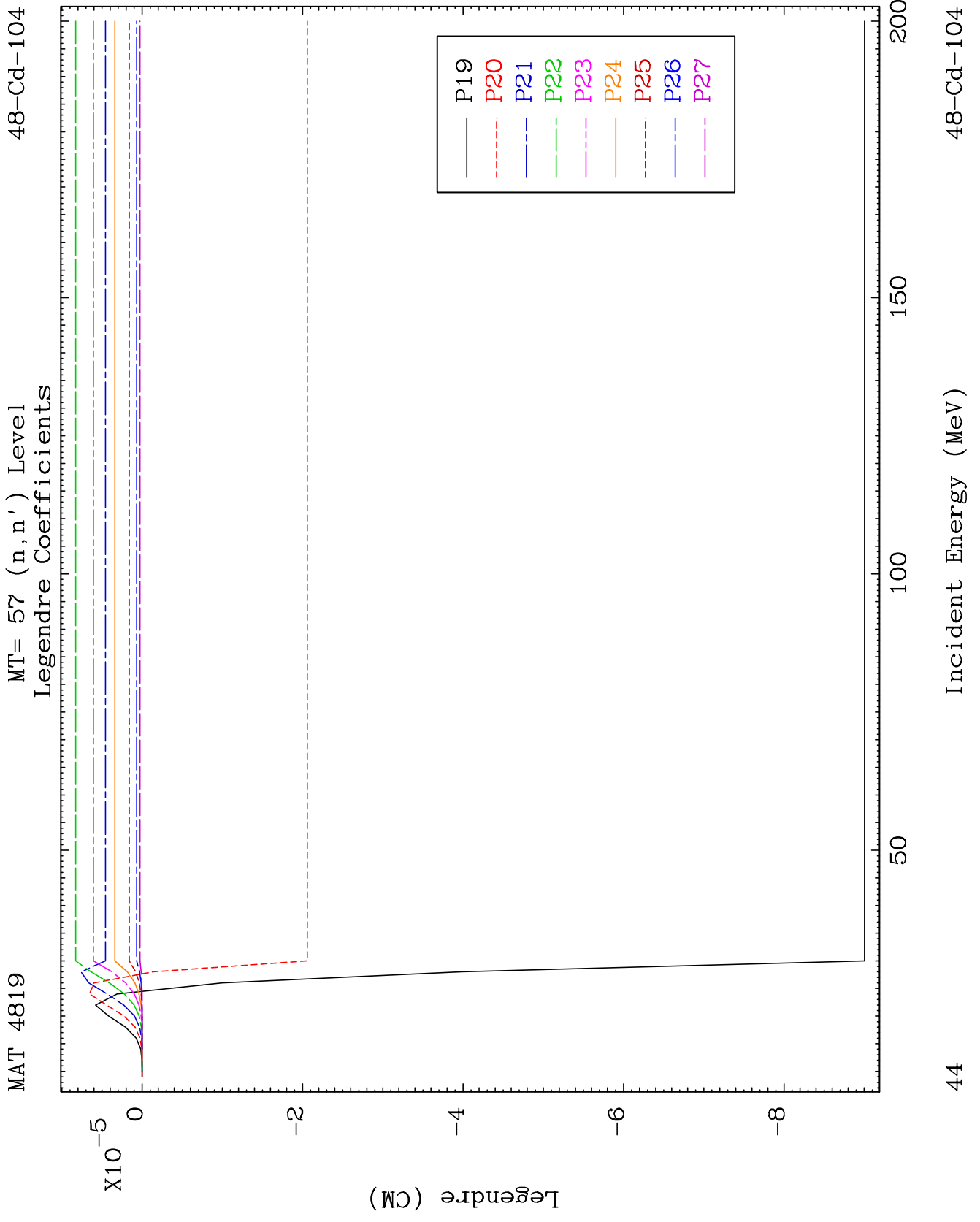
48-Cd-104



43

Incident Energy (MeV)

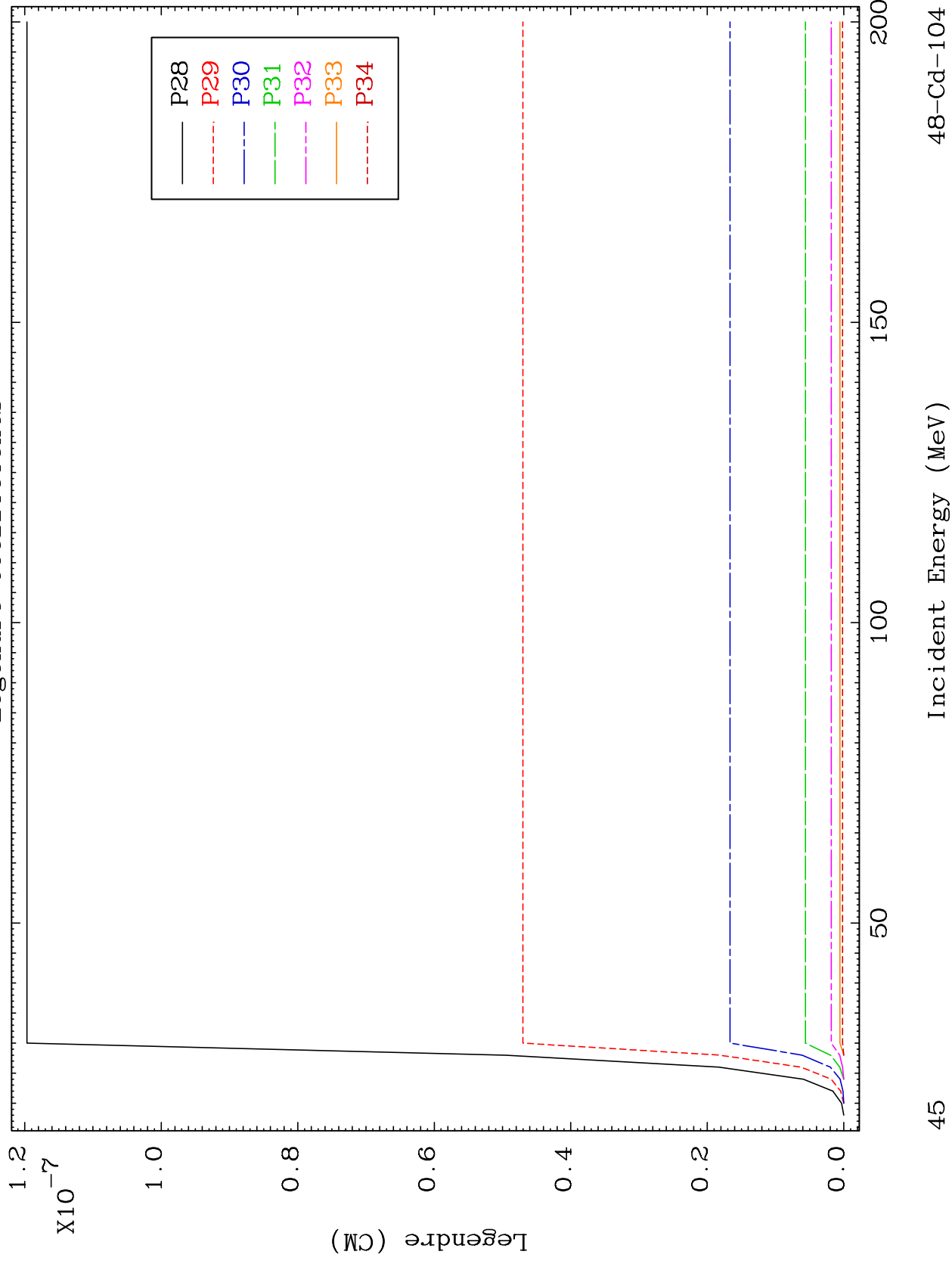
48-Cd-104



MAT 4819

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

48-Cd-104



45

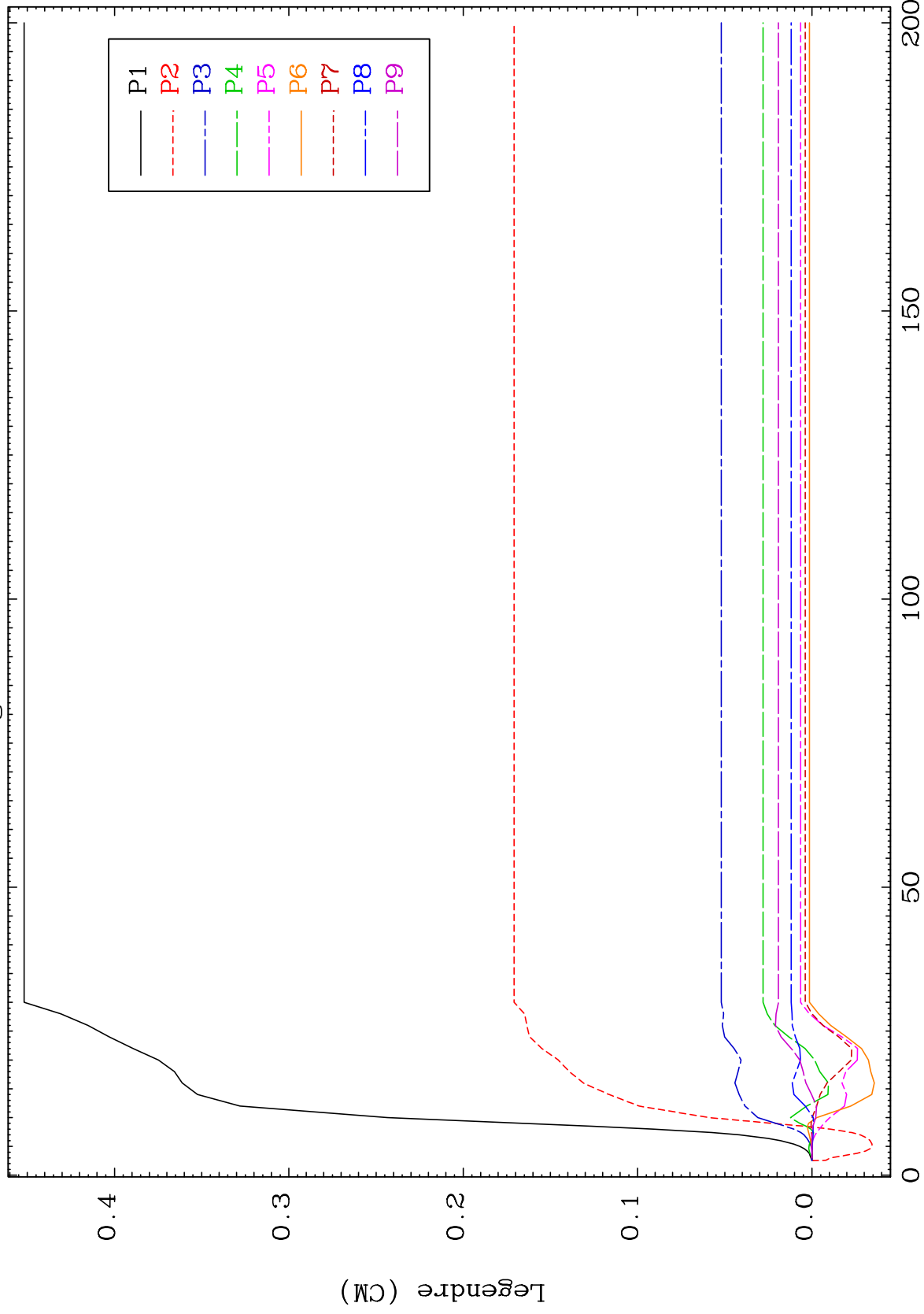
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



46

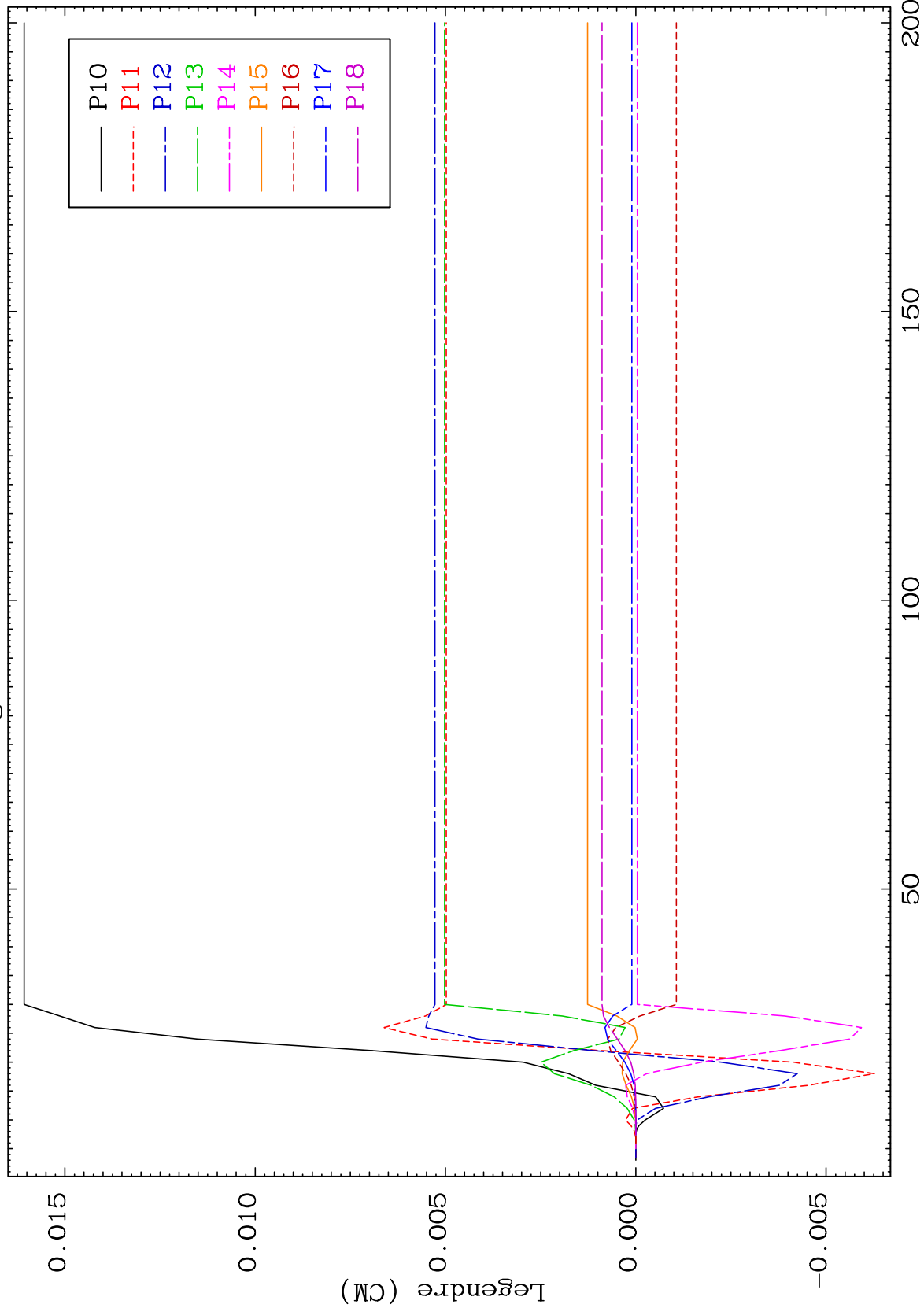
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



47

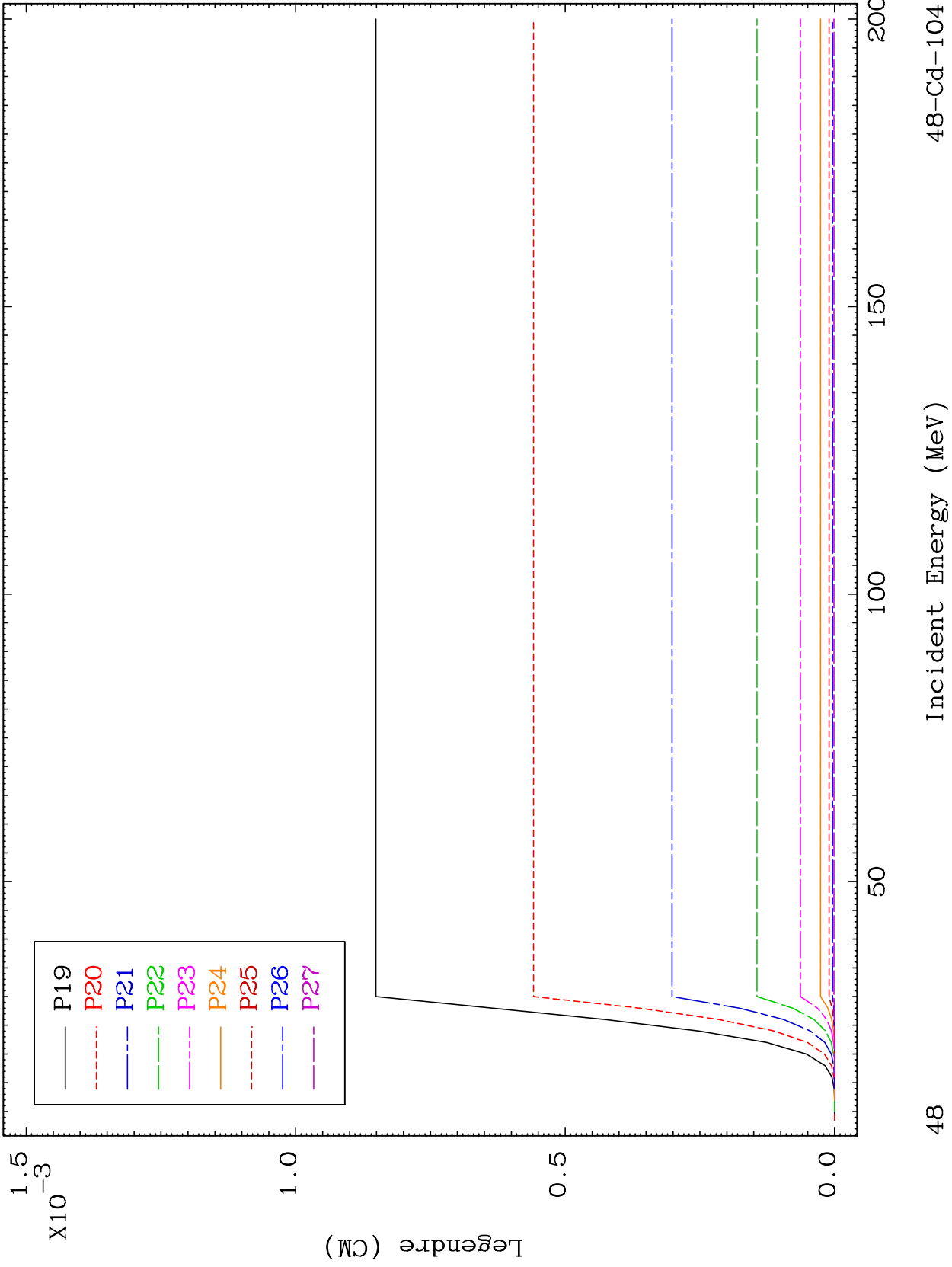
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

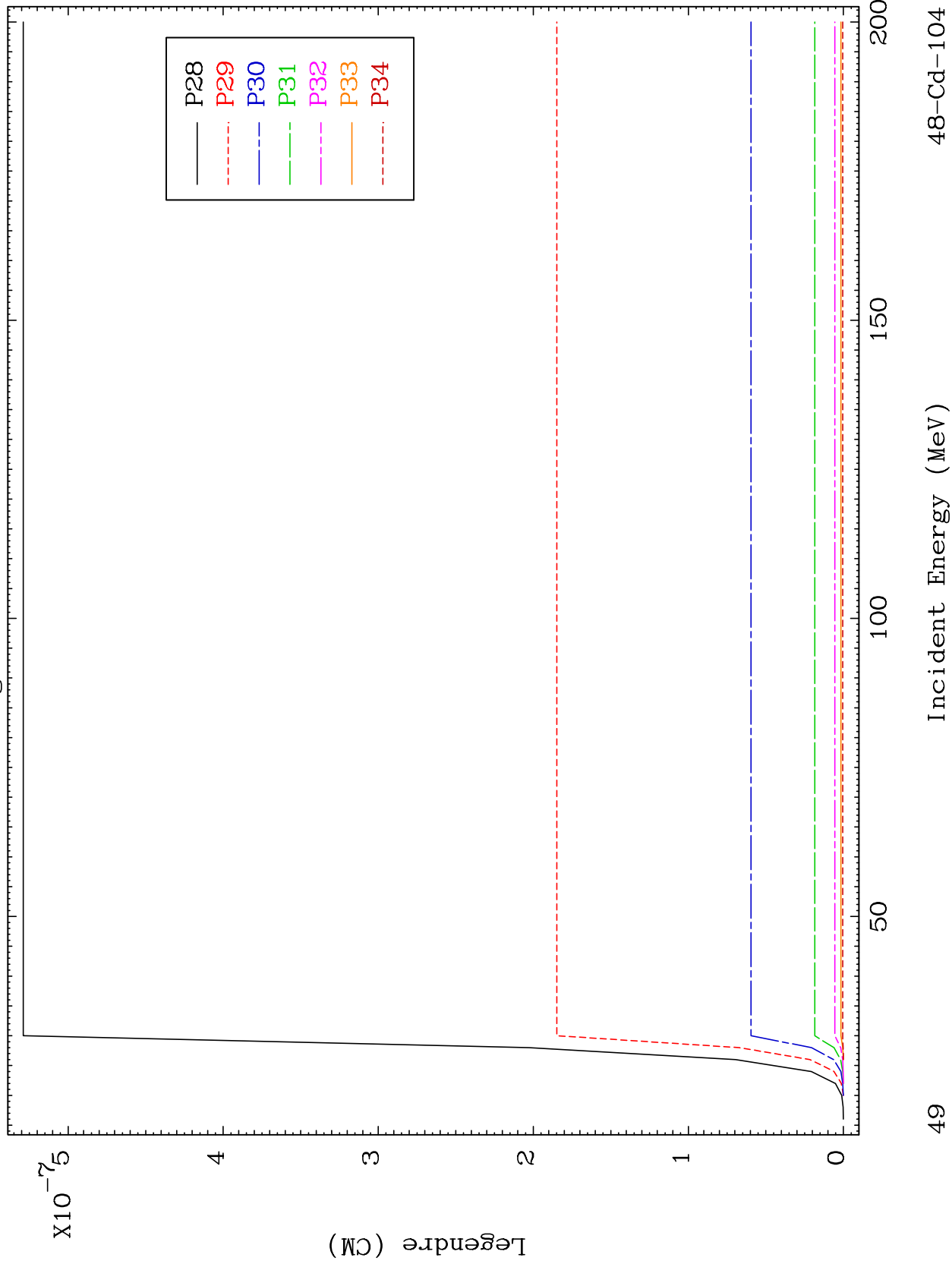
48-Cd-104



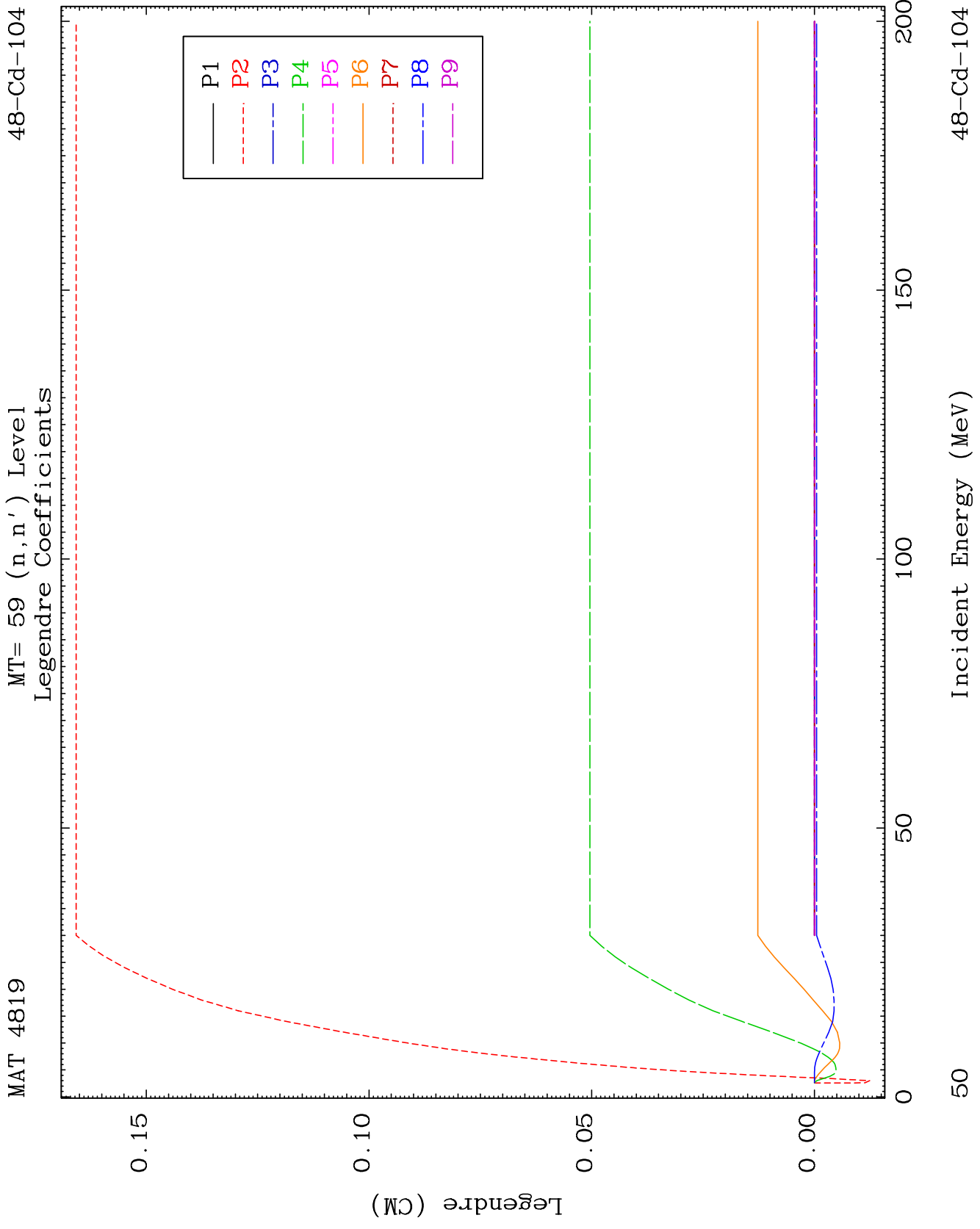
MAT 4819

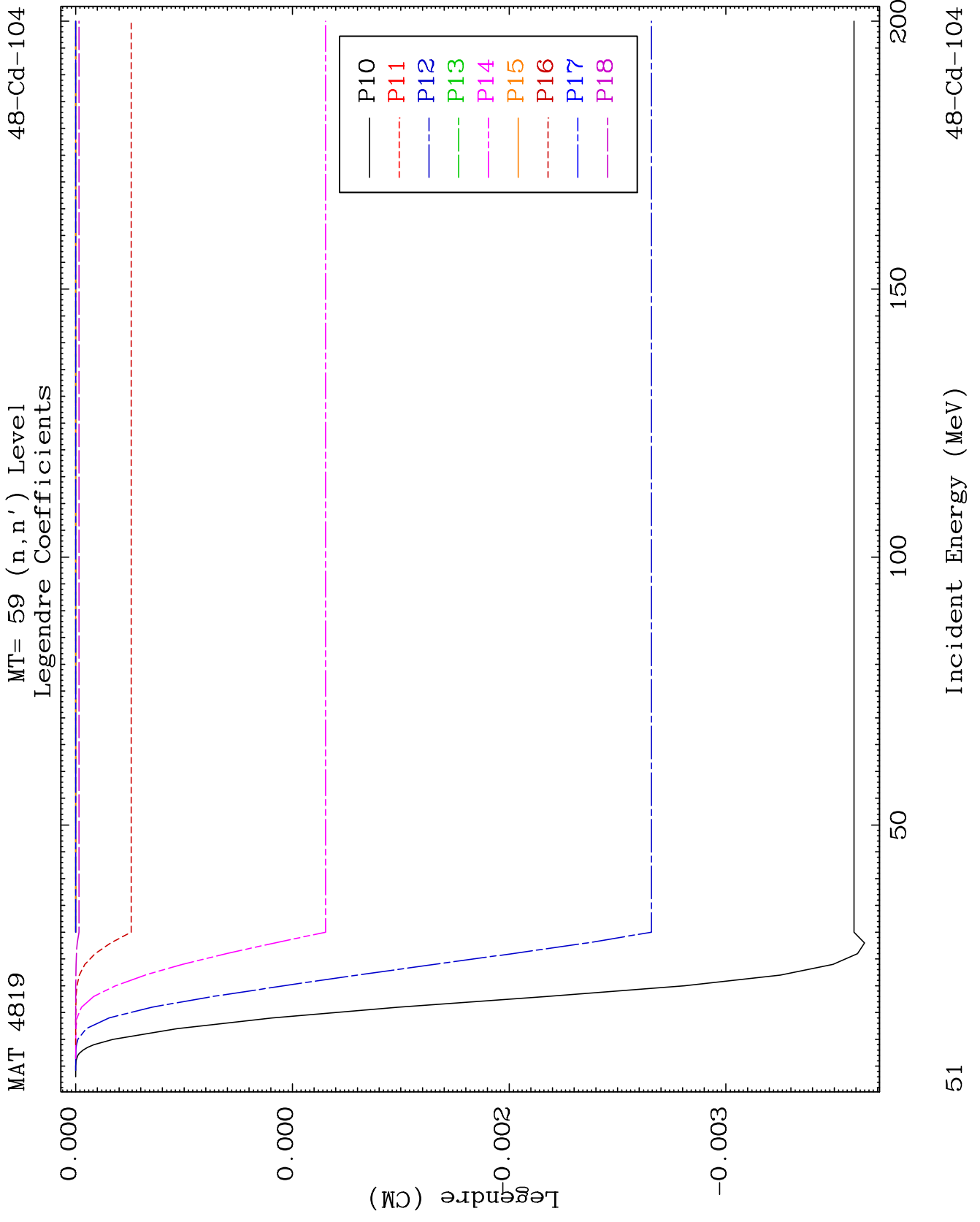
MT= 58 (n,n') Level
Legendre Coefficients

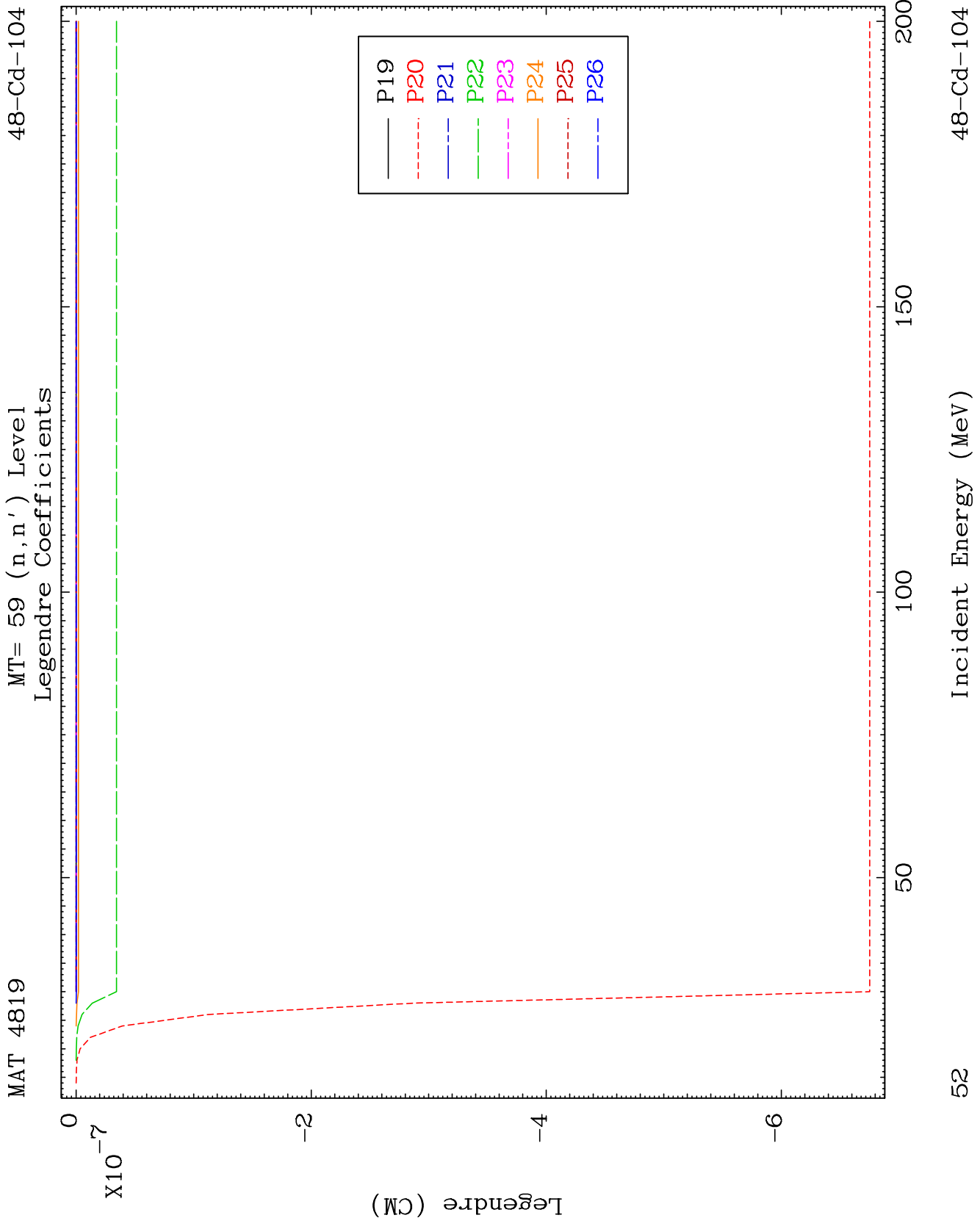
48-Cd-104



49



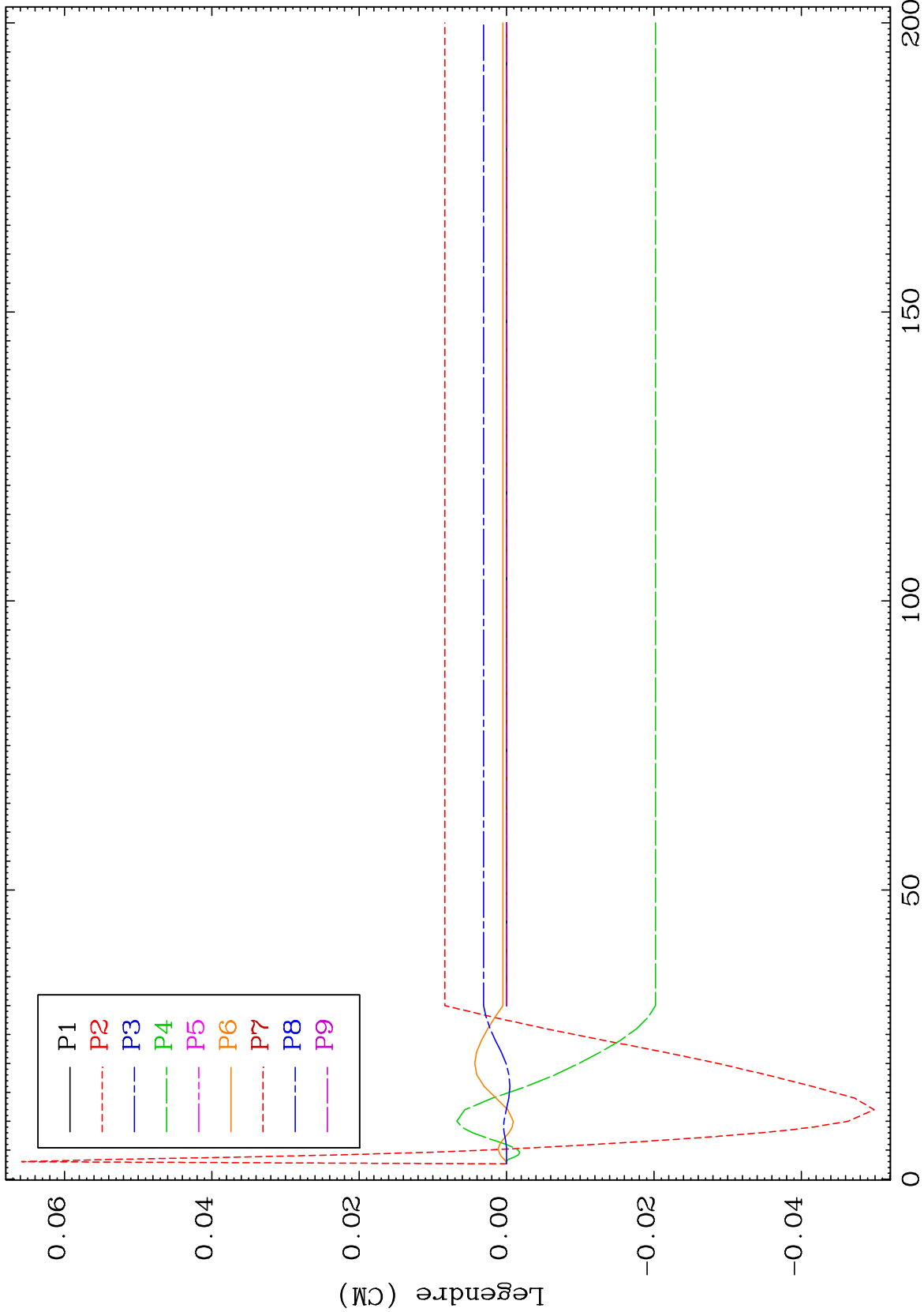




MAT 4819

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

48-Cd-104



53

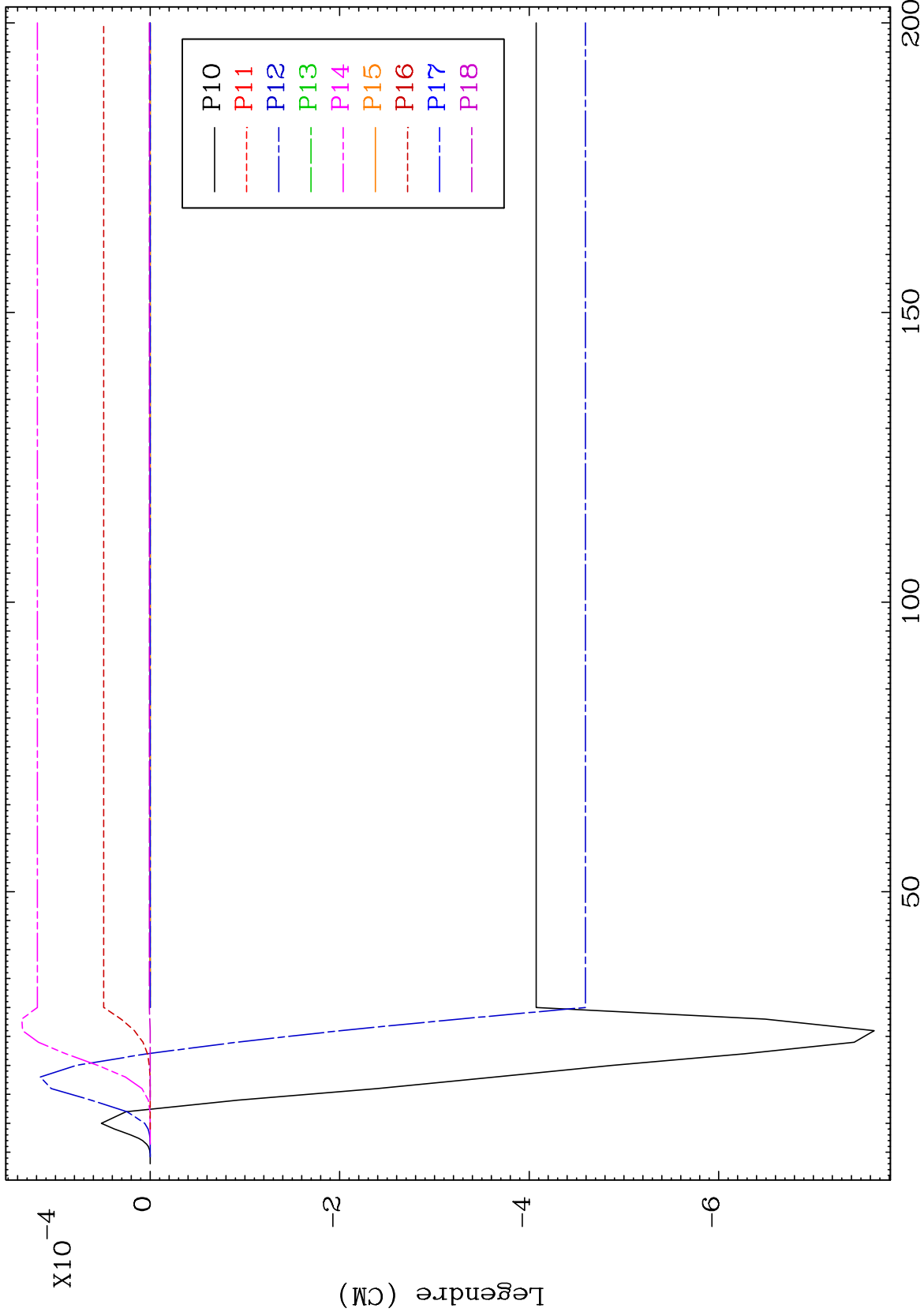
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

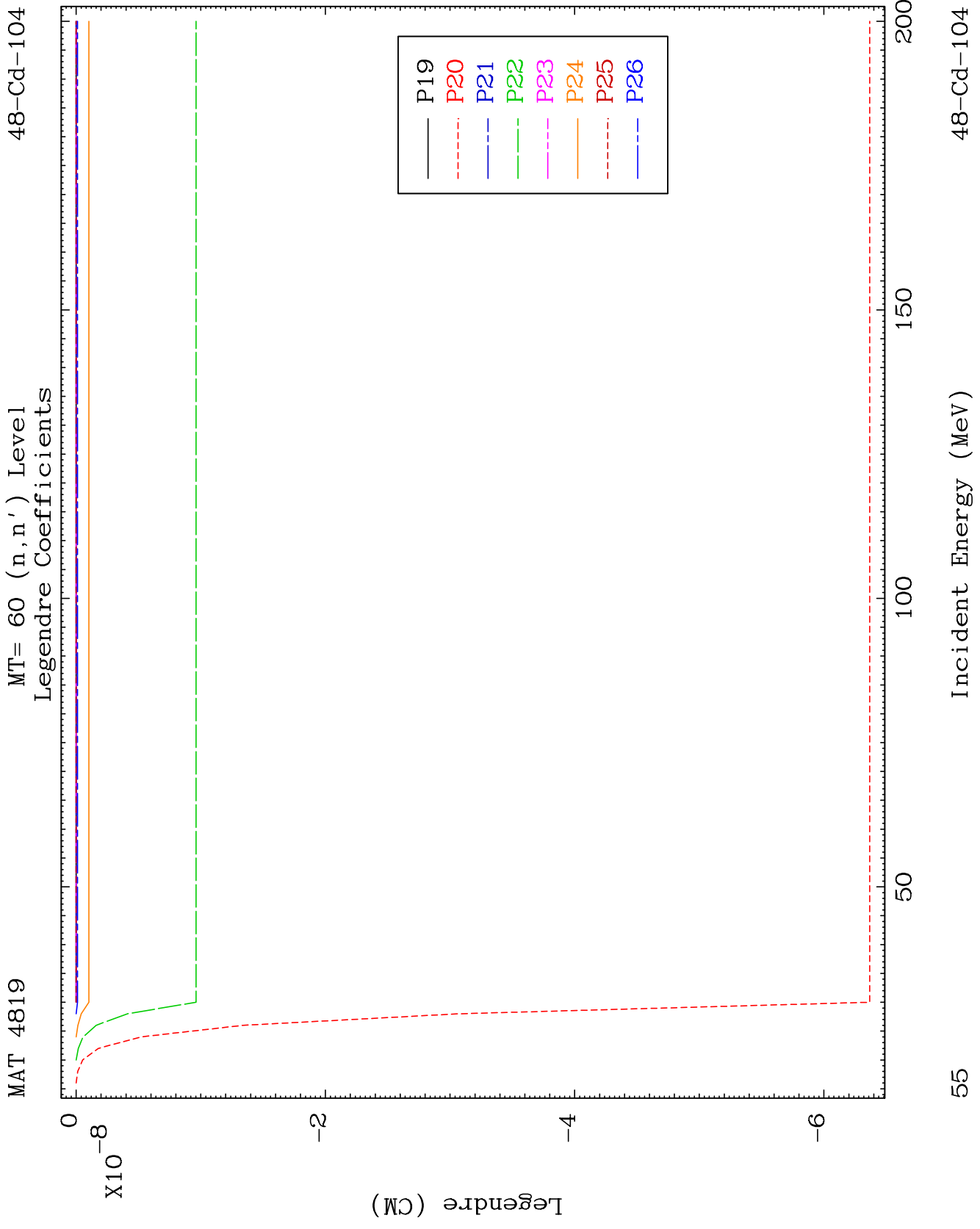
48-Cd-104

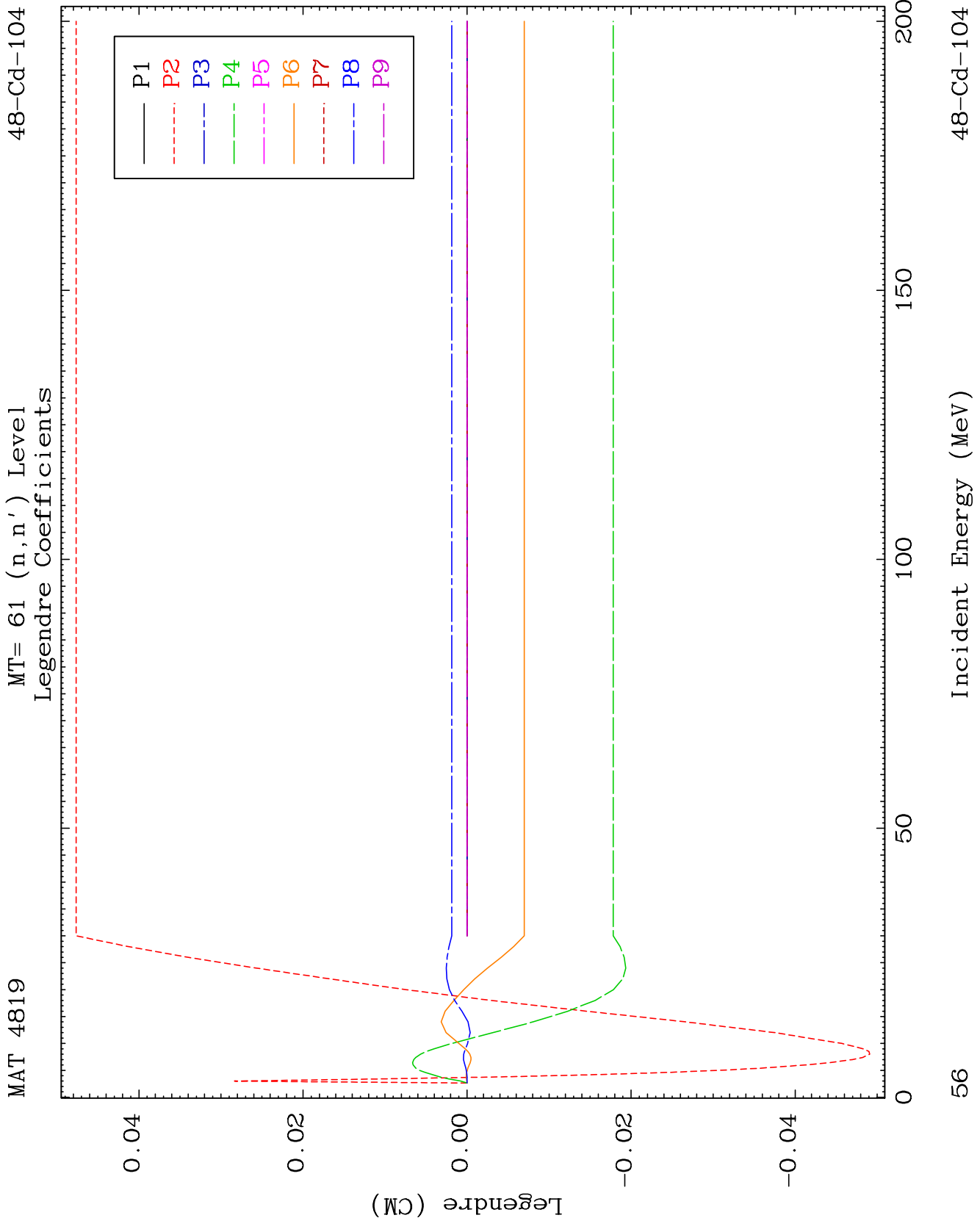


54

Incident Energy (MeV)

48-Cd-104

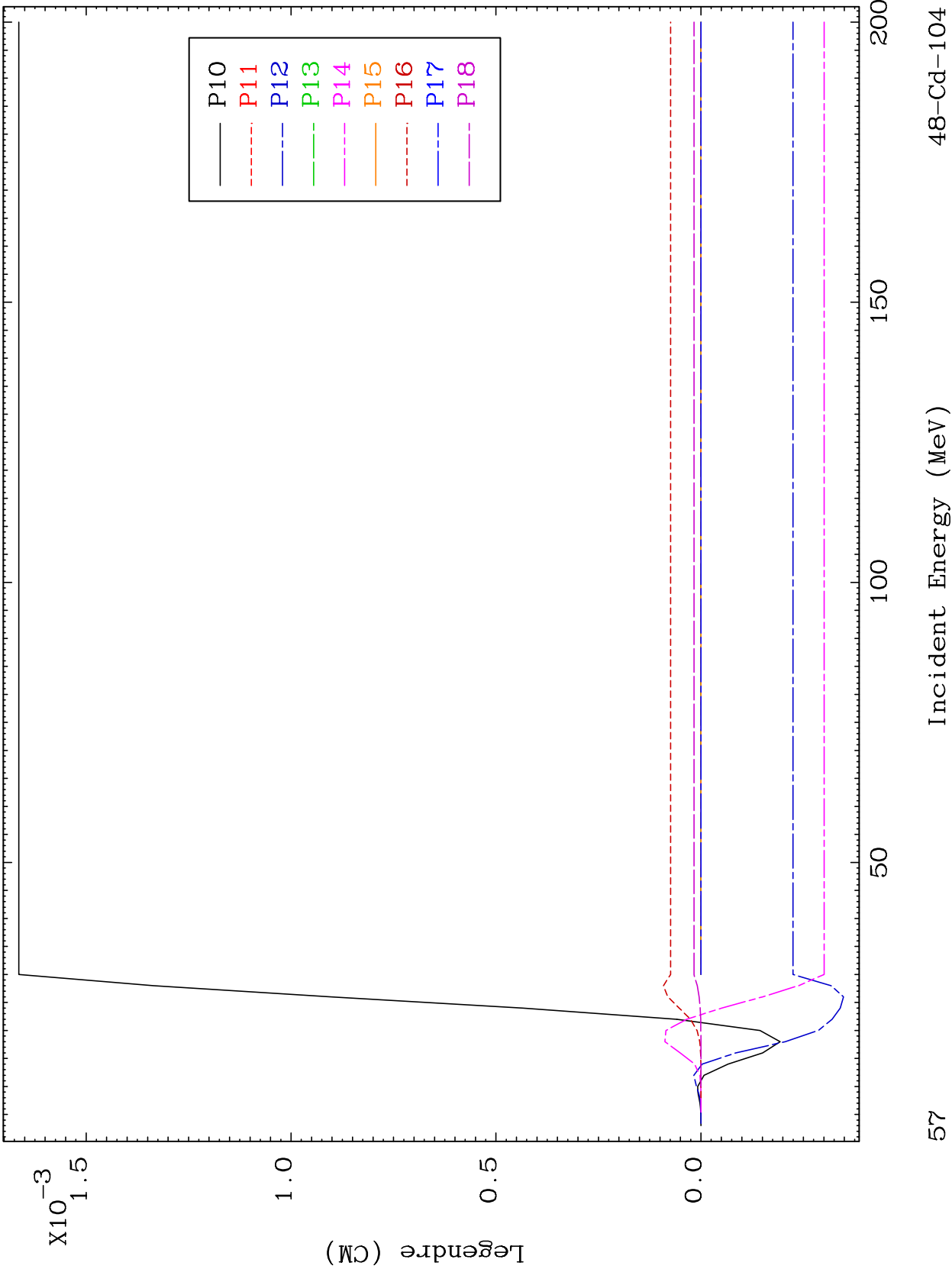




MAT 4819

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

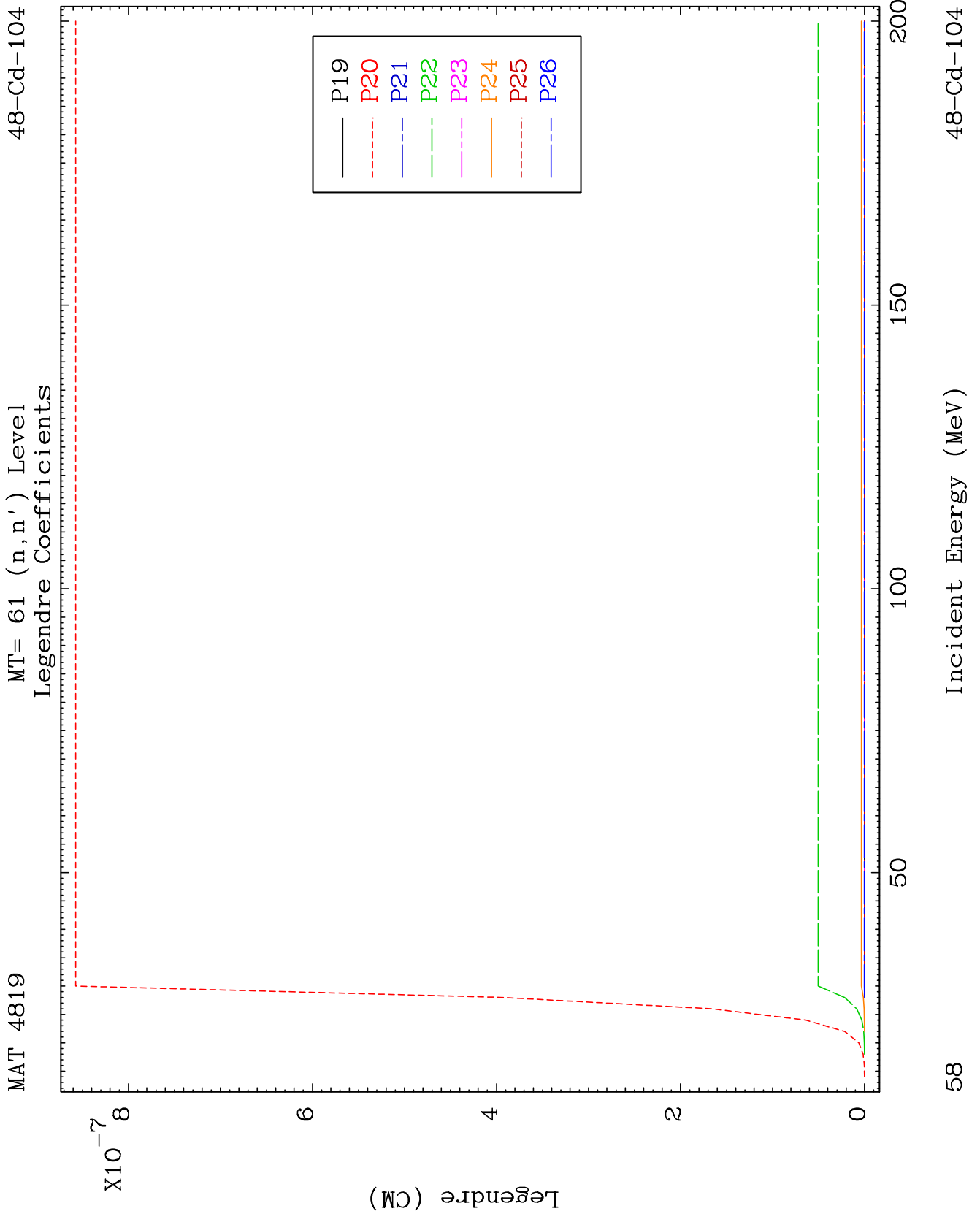
48-Cd-104



57

Incident Energy (MeV)

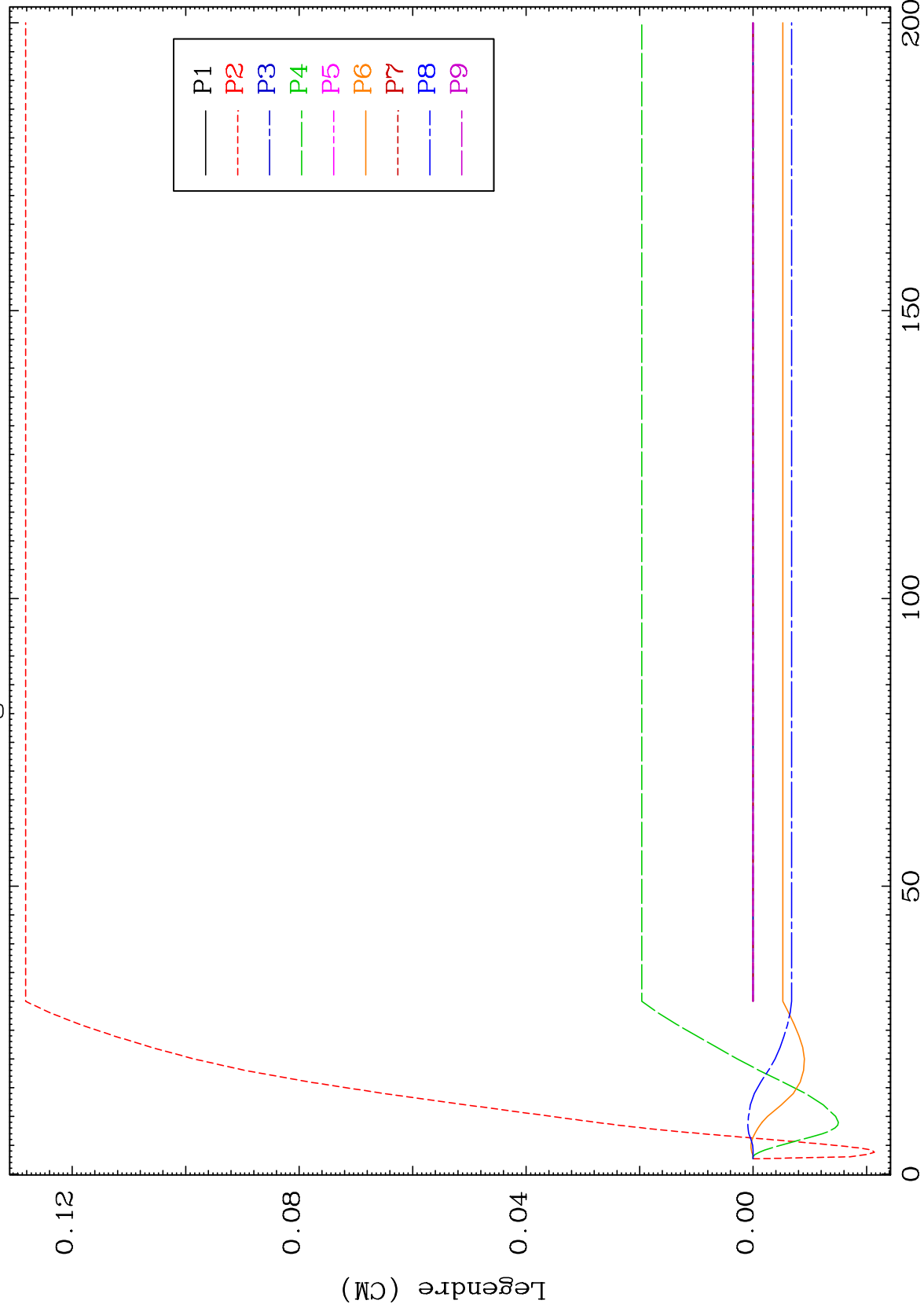
48-Cd-104



MAT 4819

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

48-Cd-104



59

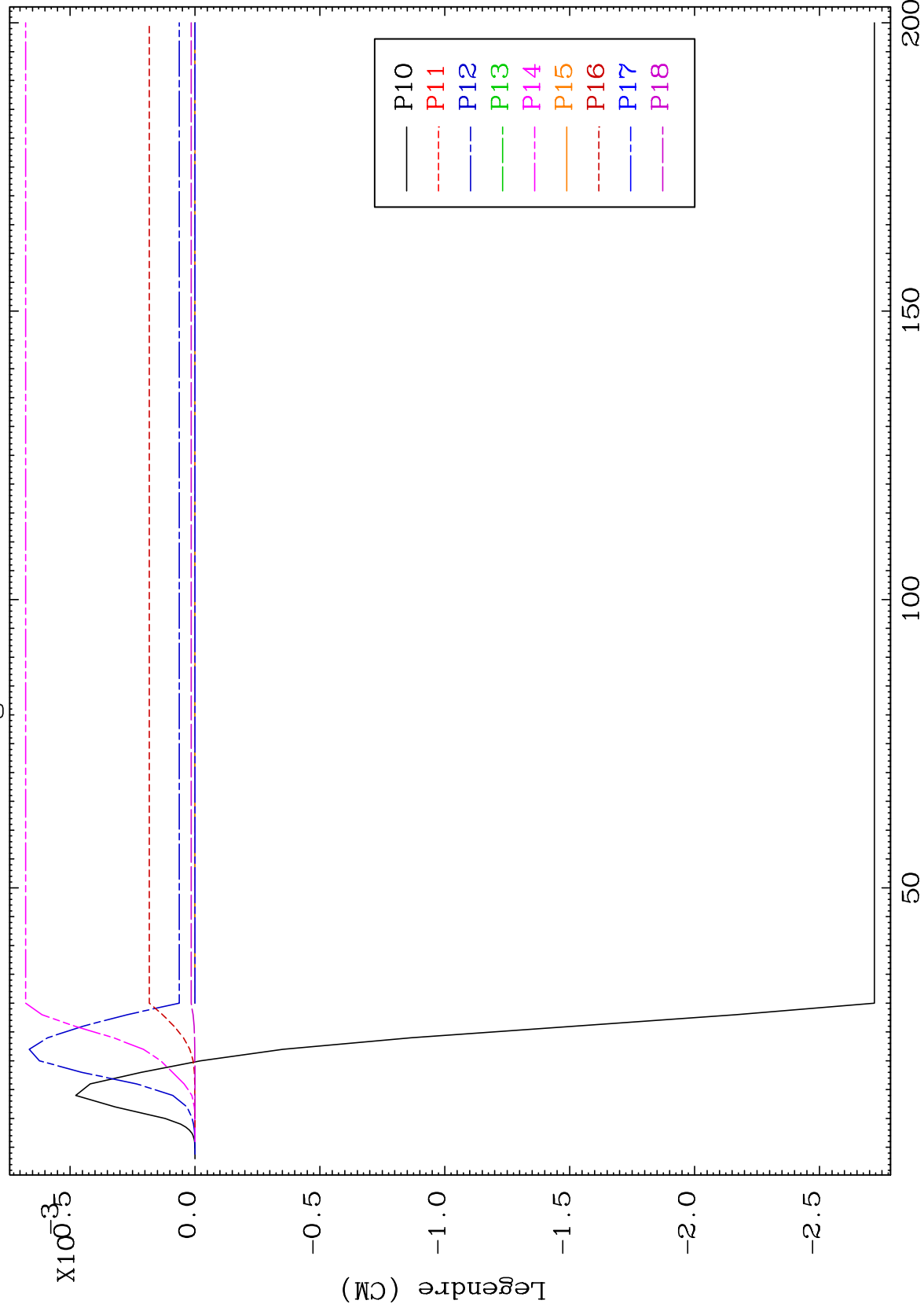
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

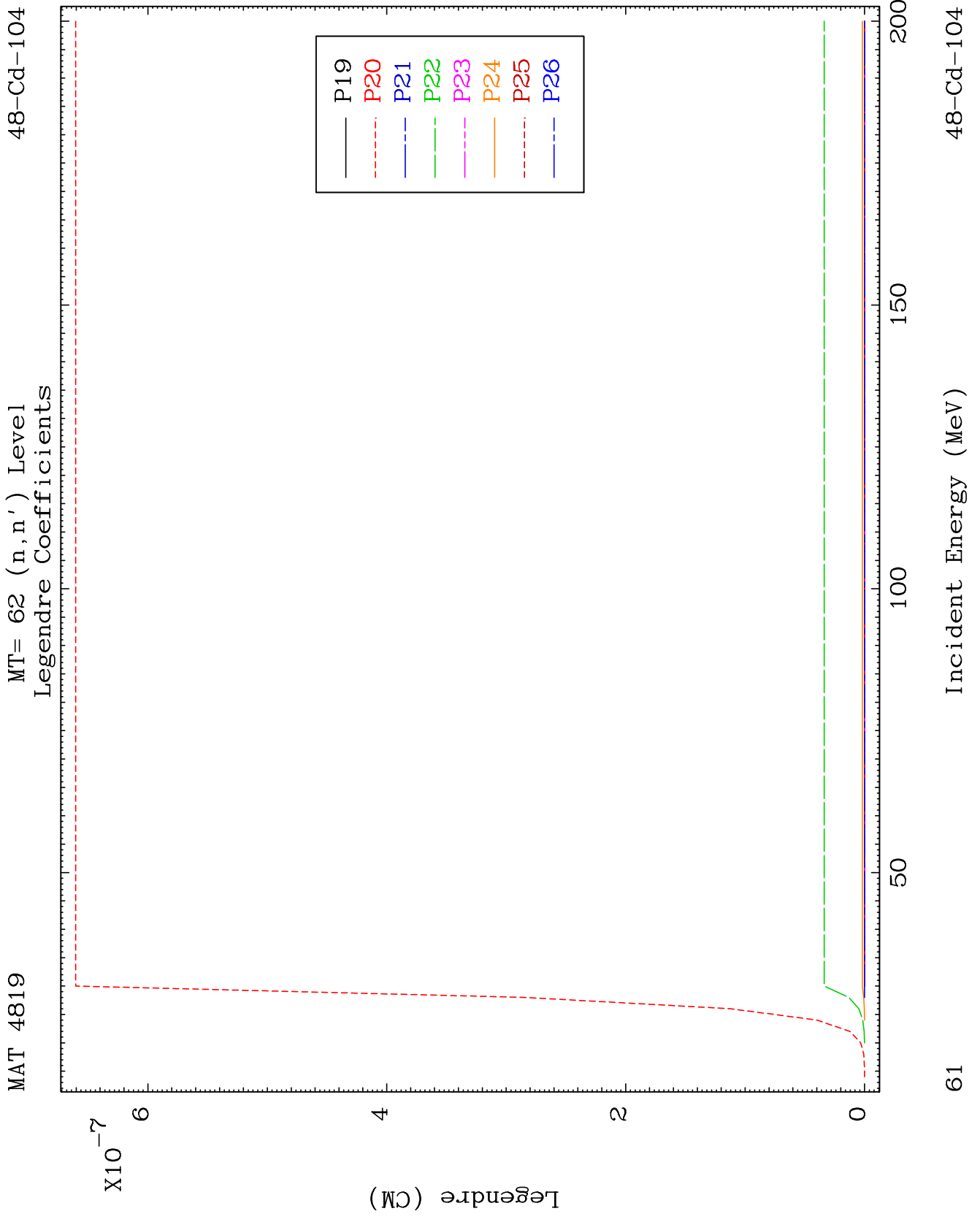
48-Cd-104



60

Incident Energy (MeV)

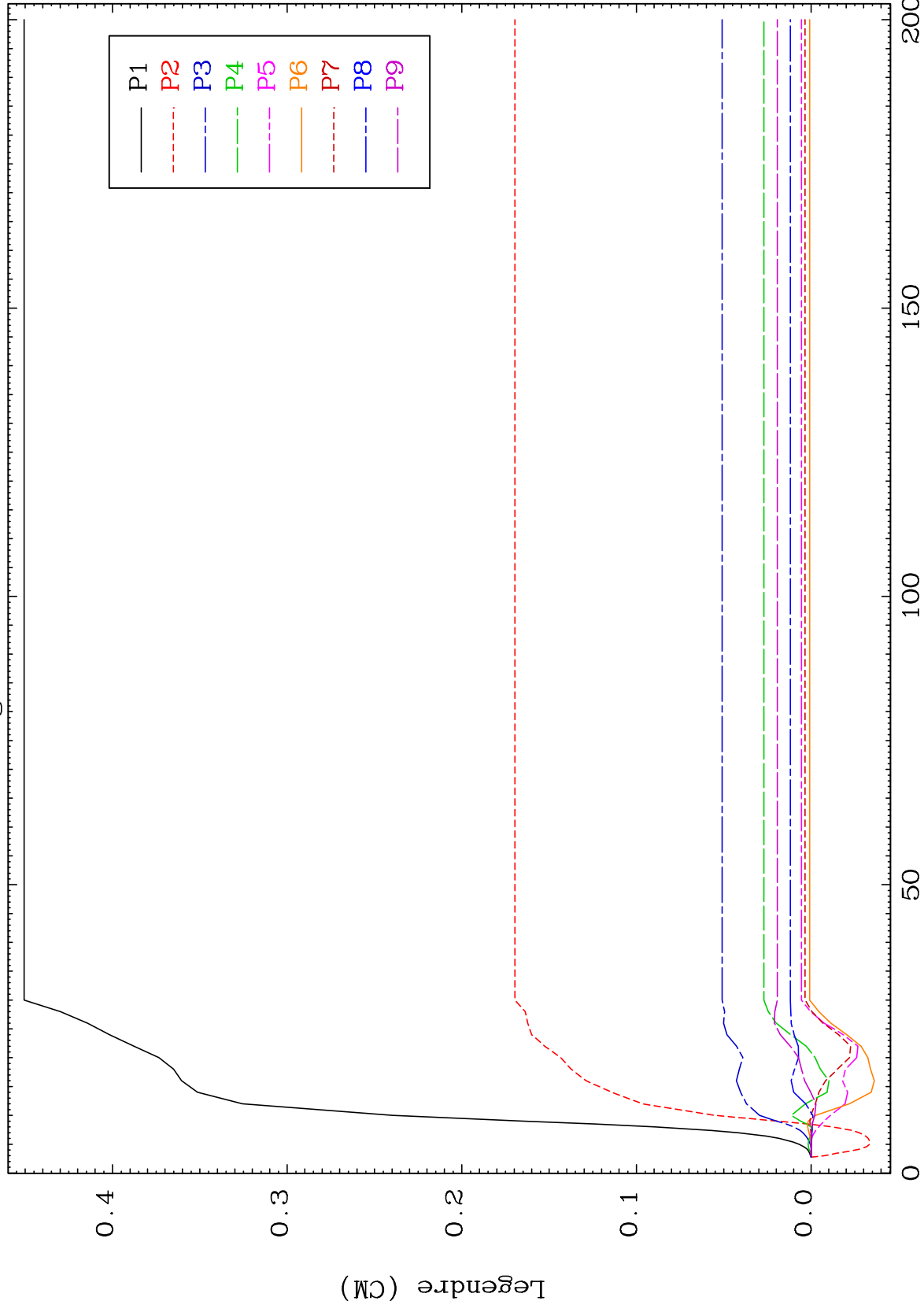
48-Cd-104



MAT 4819

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

48-Cd-104



48-Cd-104

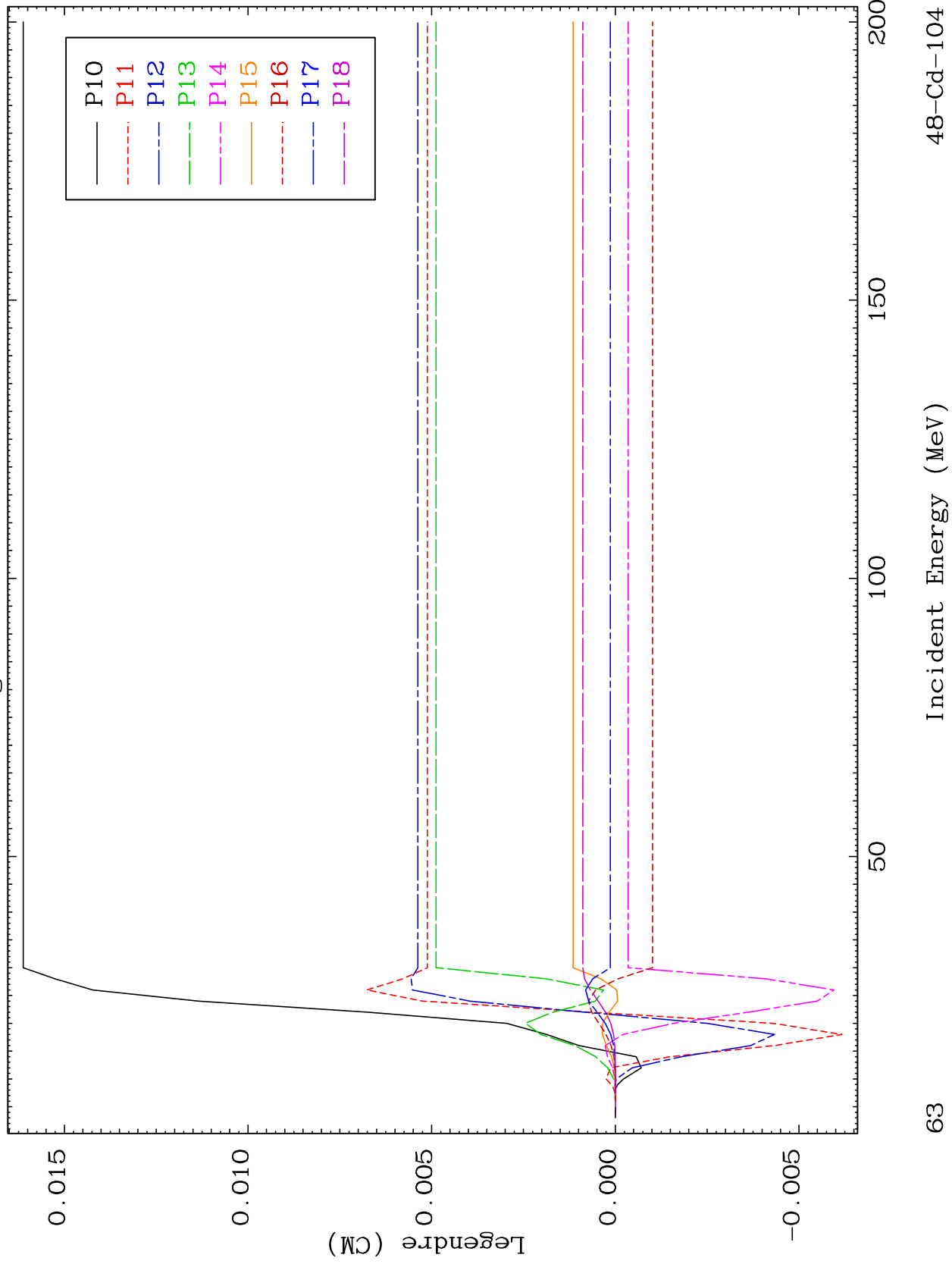
Incident Energy (MeV)

62

MAT 4819

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

48-Cd-104



63

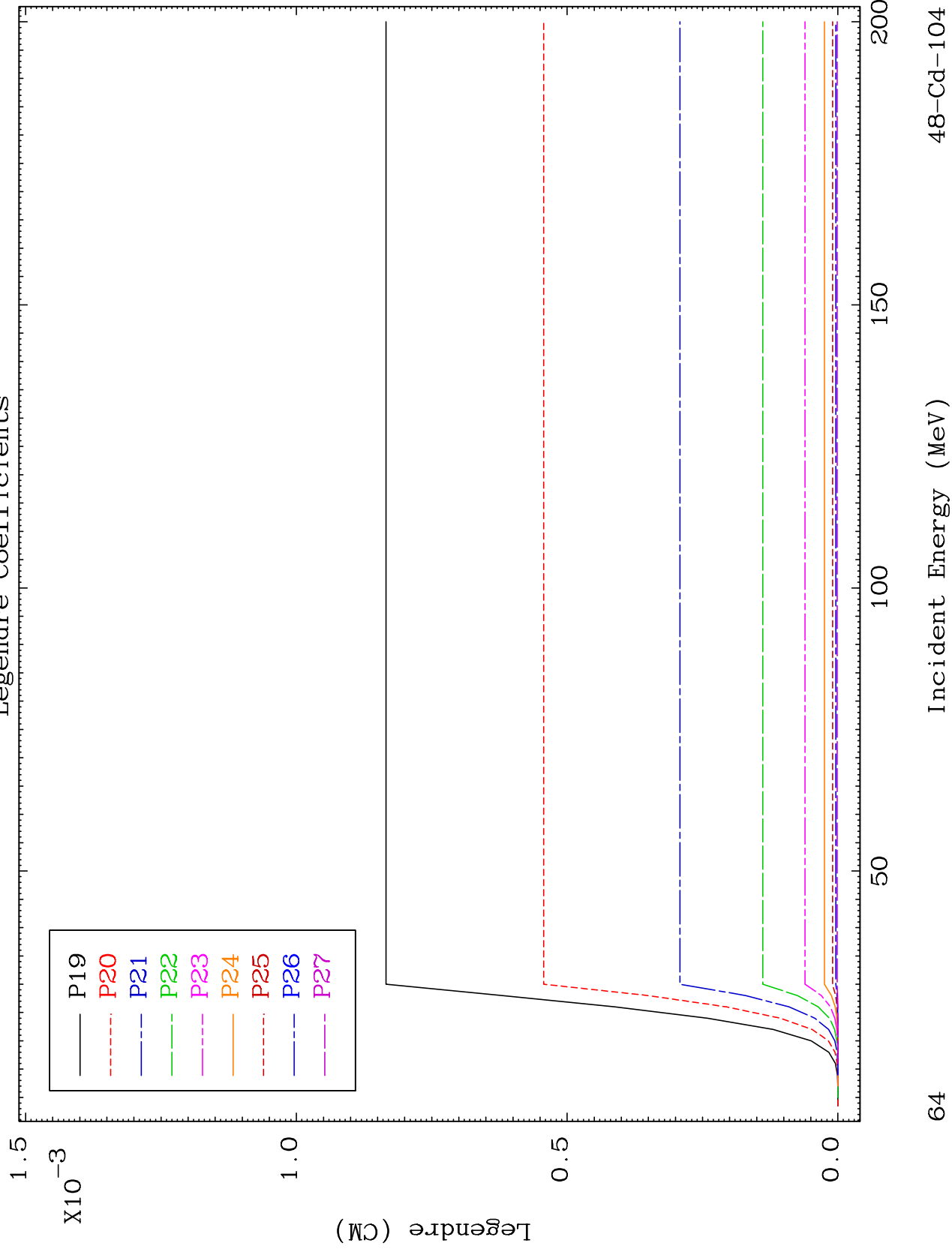
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



64

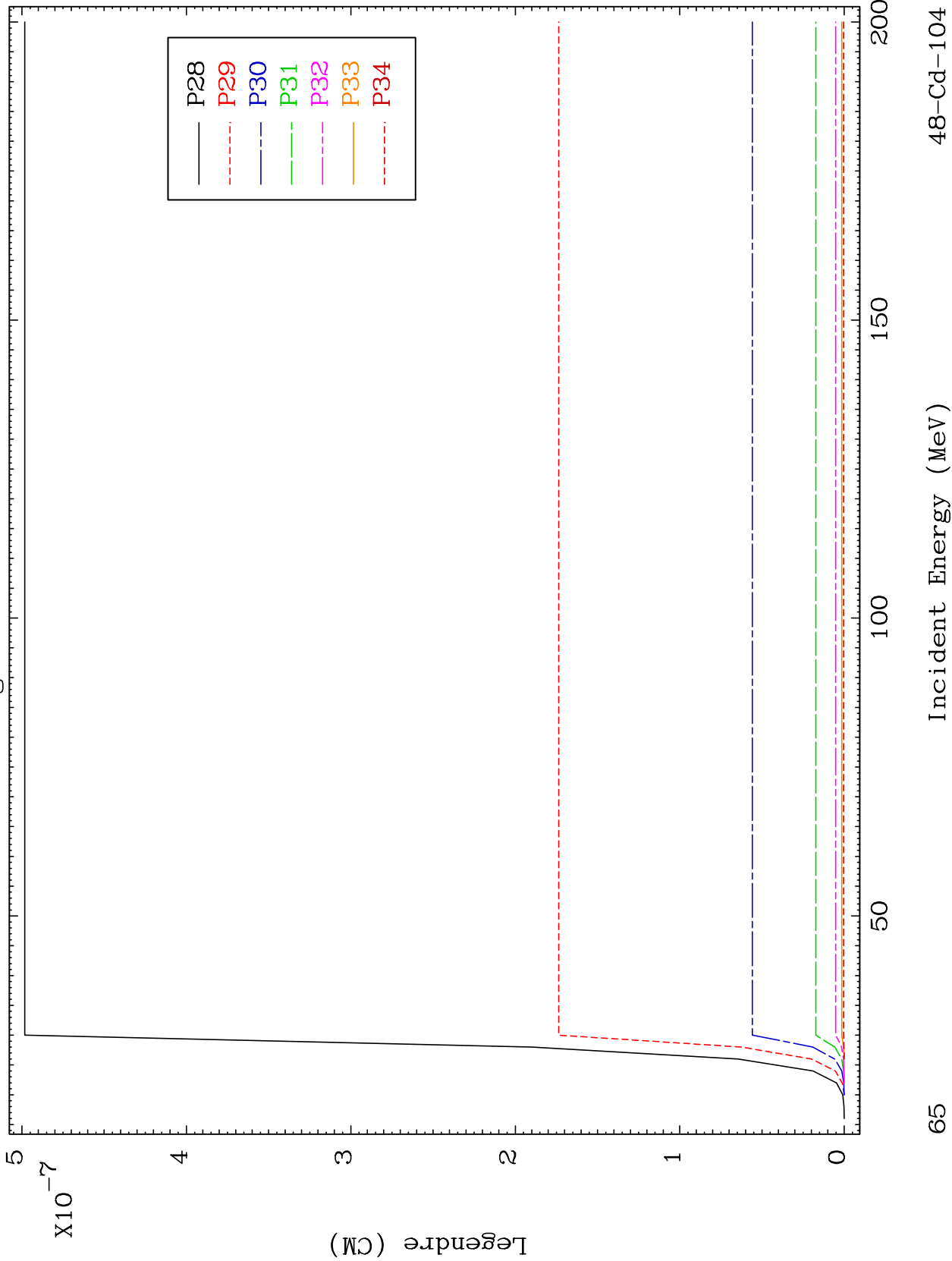
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



65

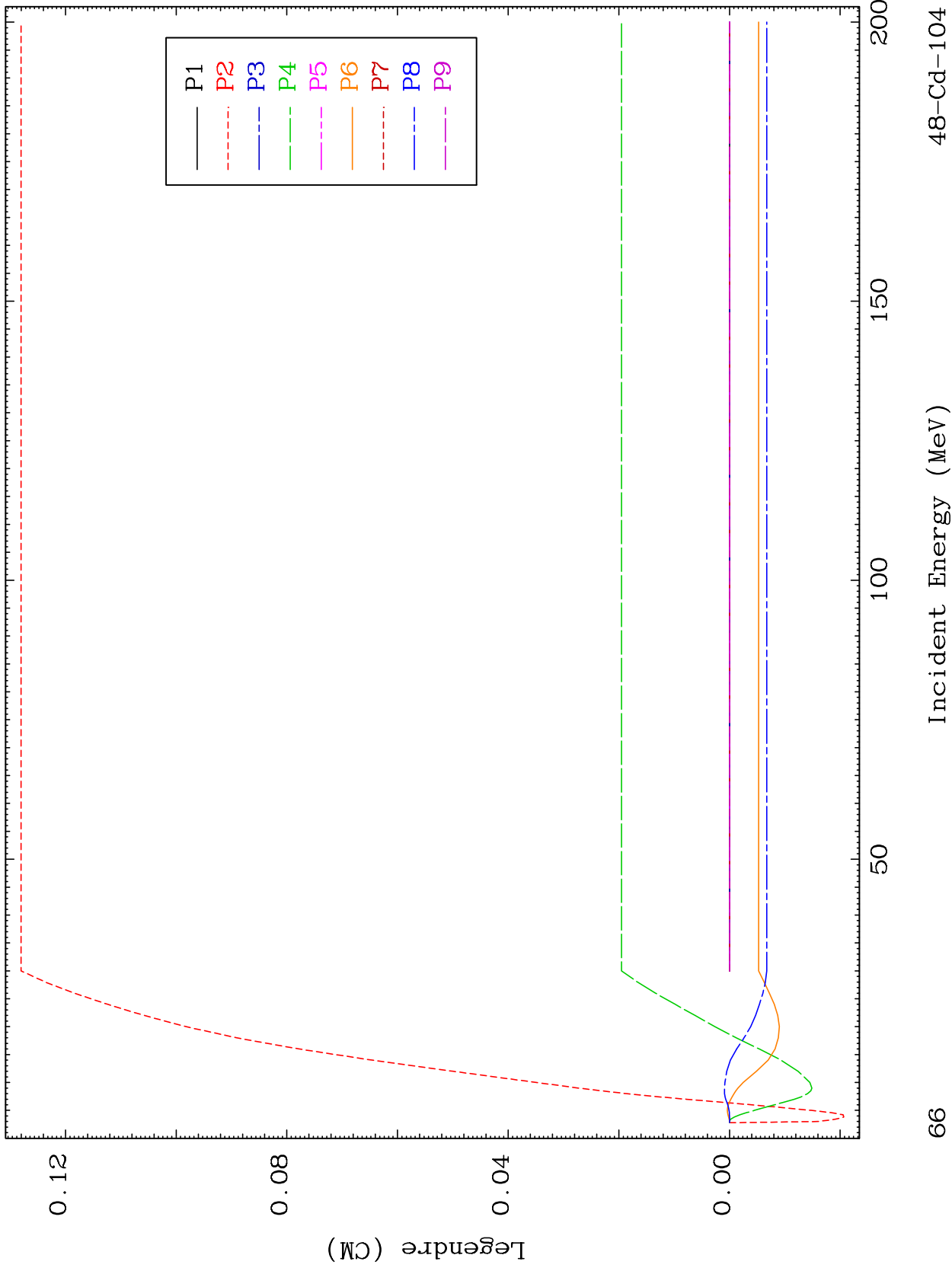
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

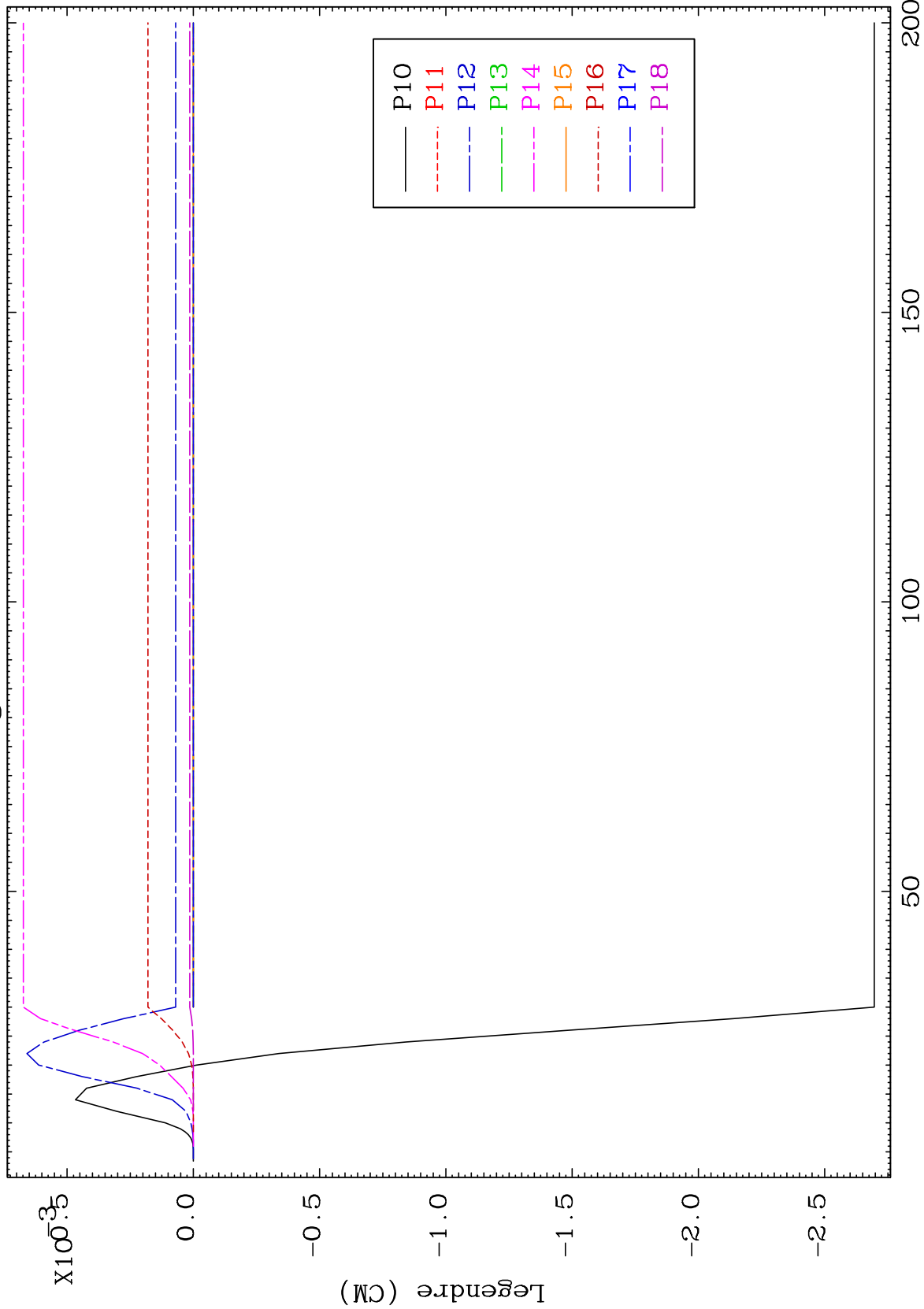
48-Cd-104



MAT 4819

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

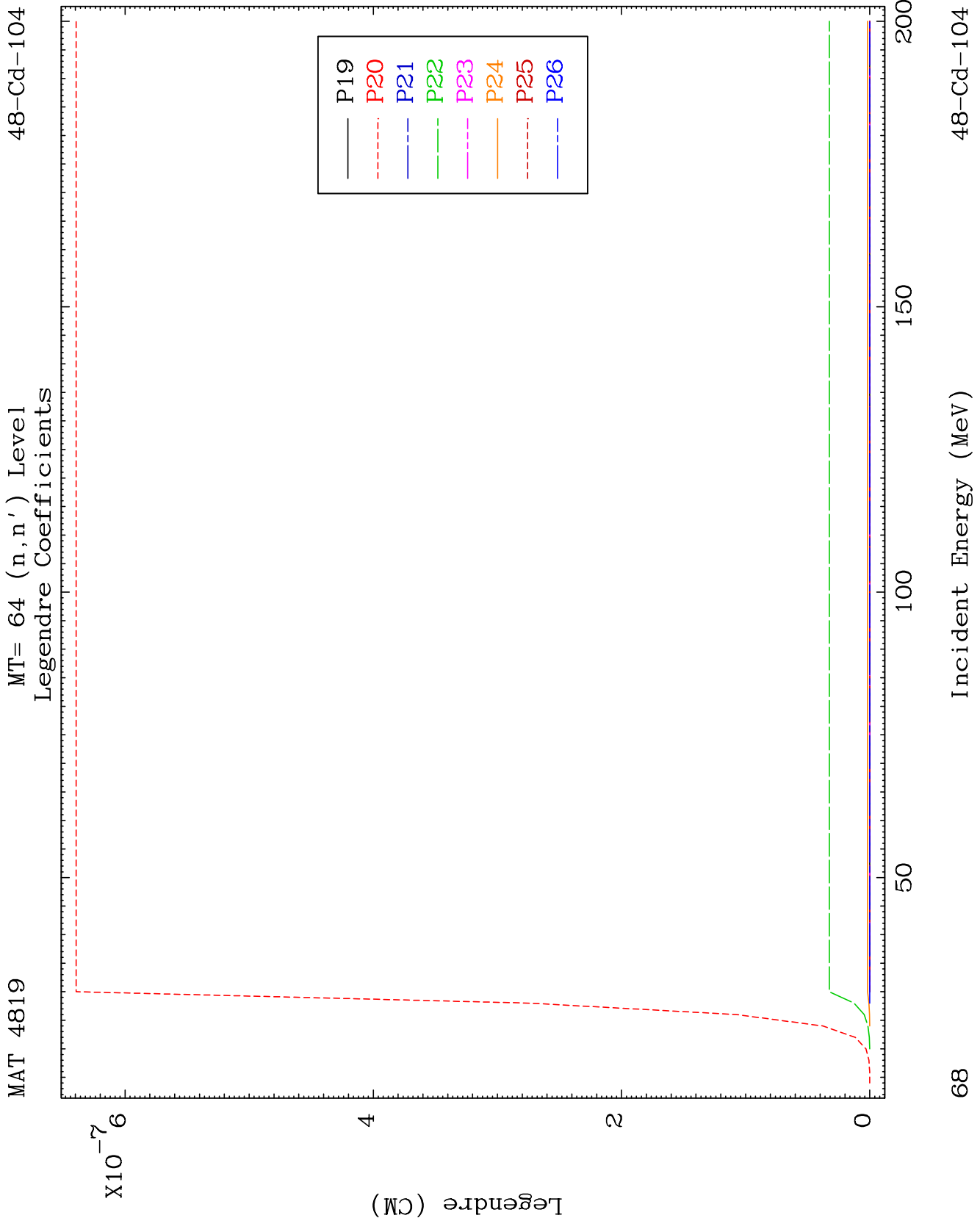
48-Cd-104

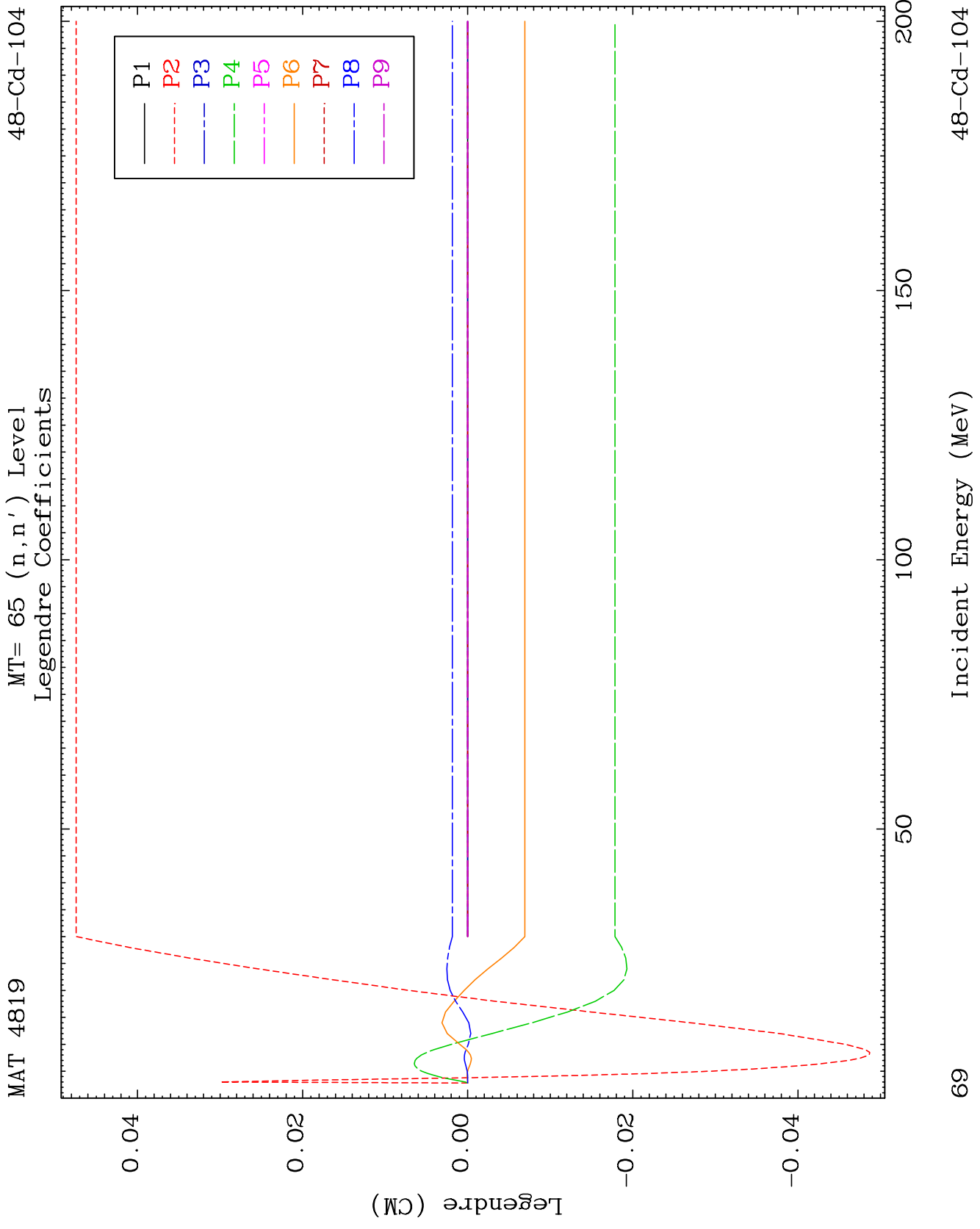


67

Incident Energy (MeV)

48-Cd-104

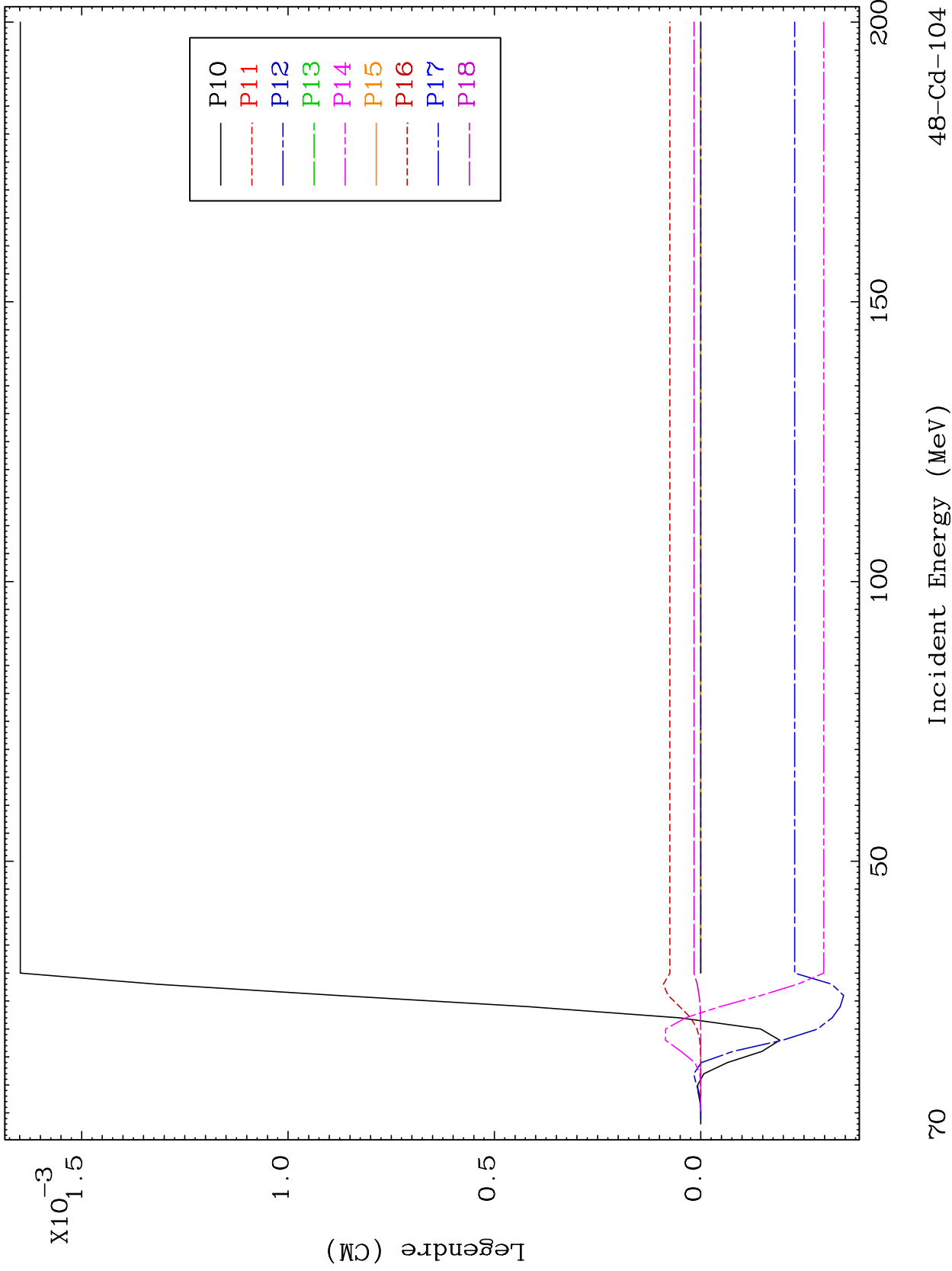




MAT 4819

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

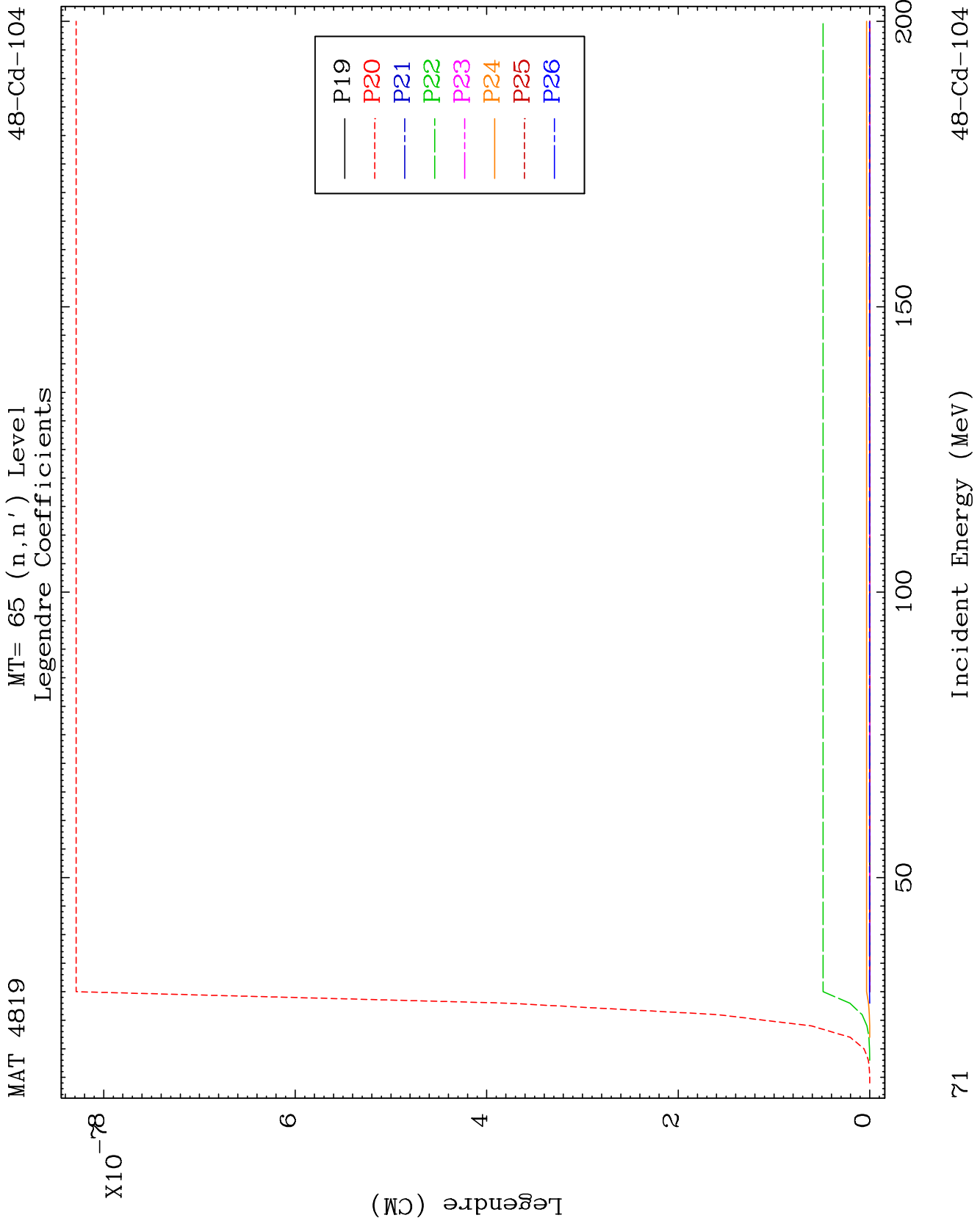
48-Cd-104



70

Incident Energy (MeV)

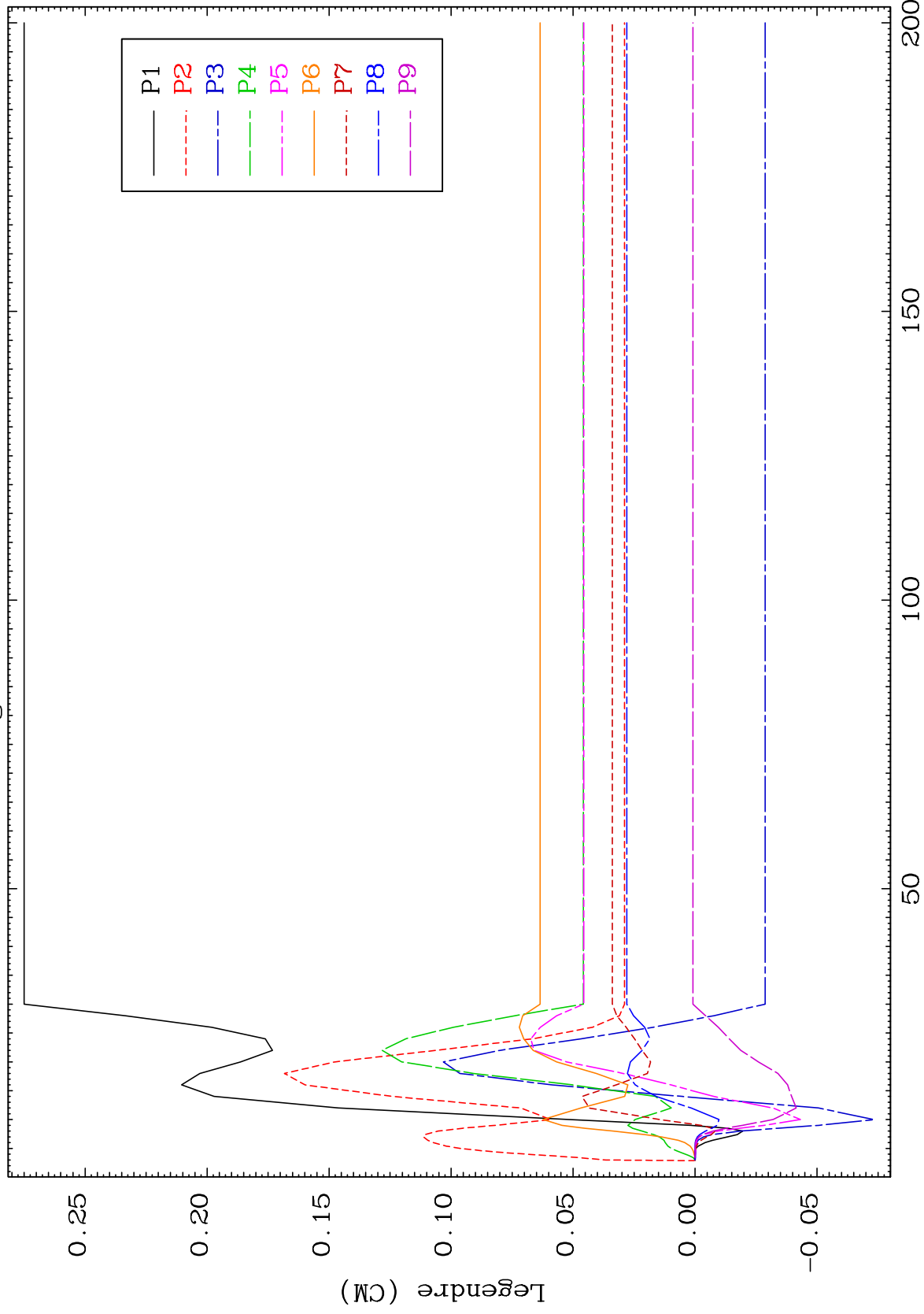
48-Cd-104



MAT 4819

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

48-Cd-104



72

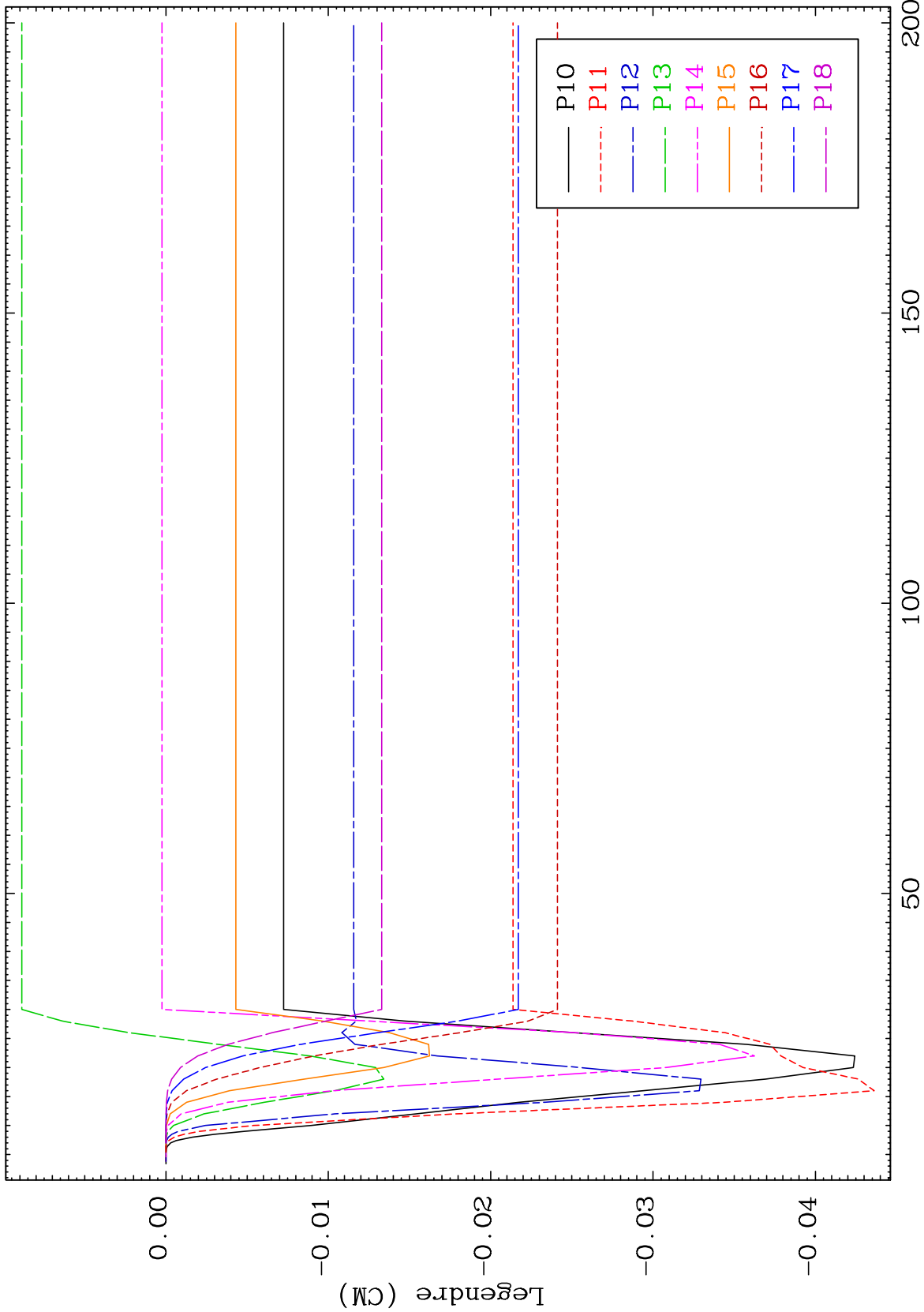
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

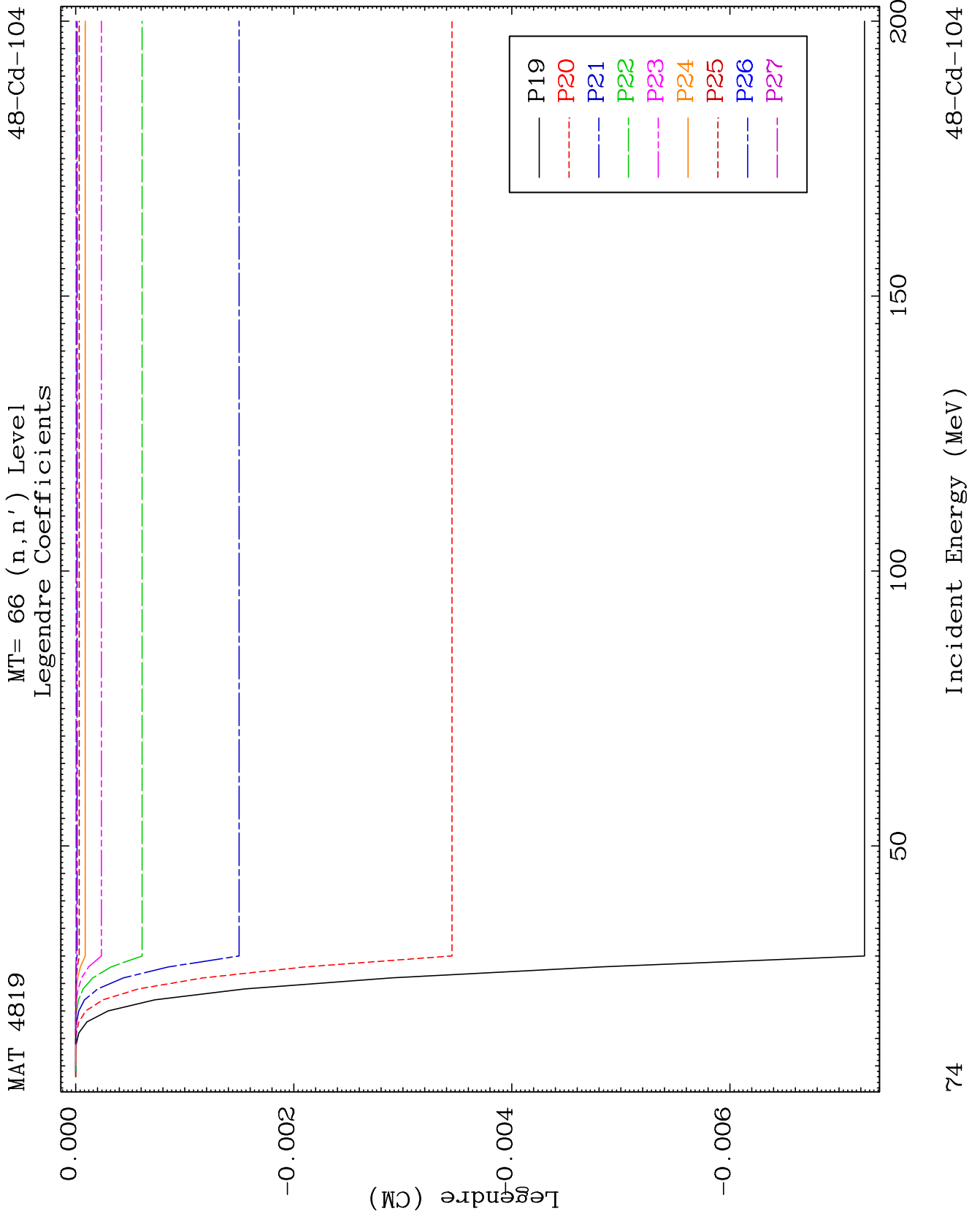
48-Cd-104

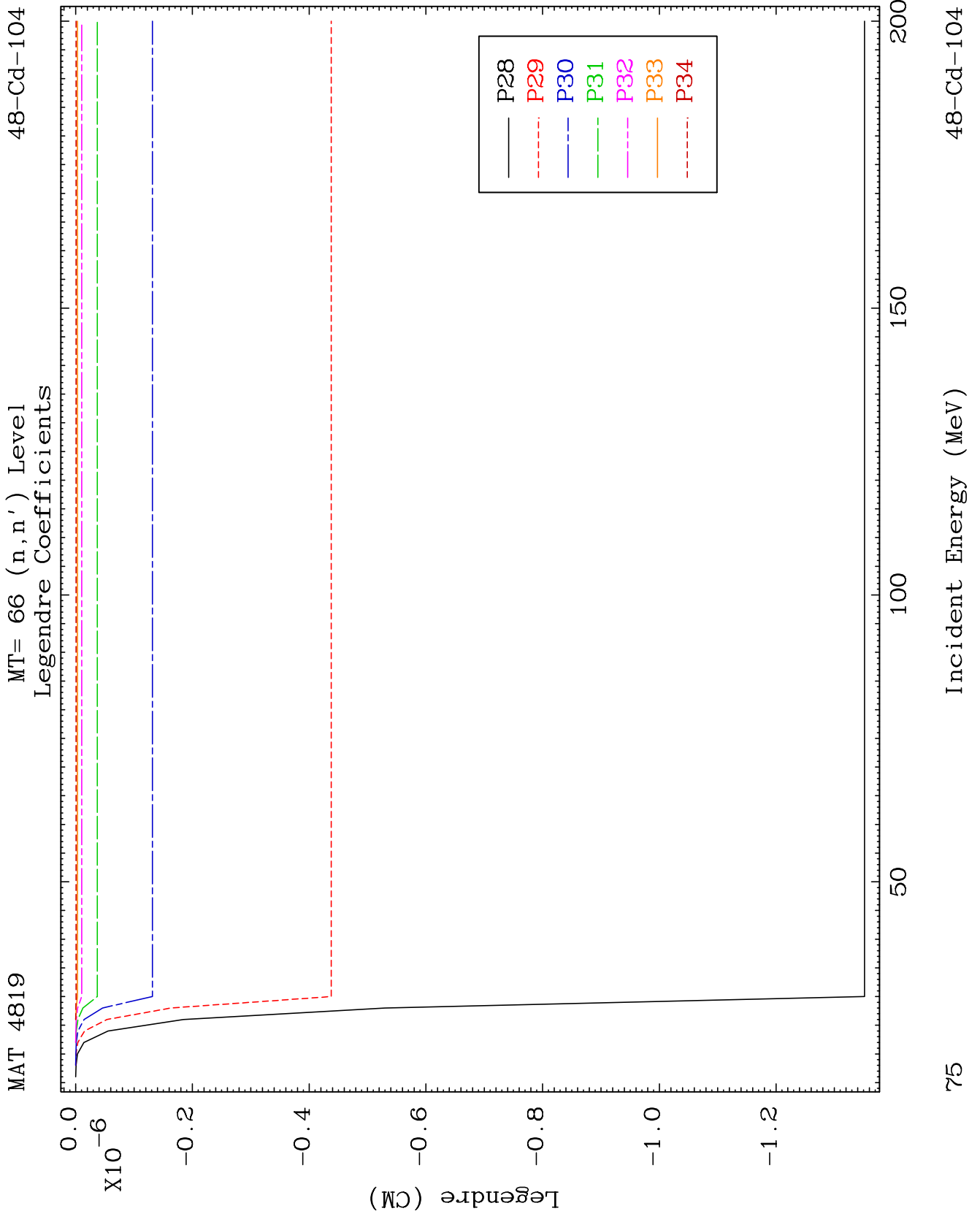


73

Incident Energy (MeV)

48-Cd-104

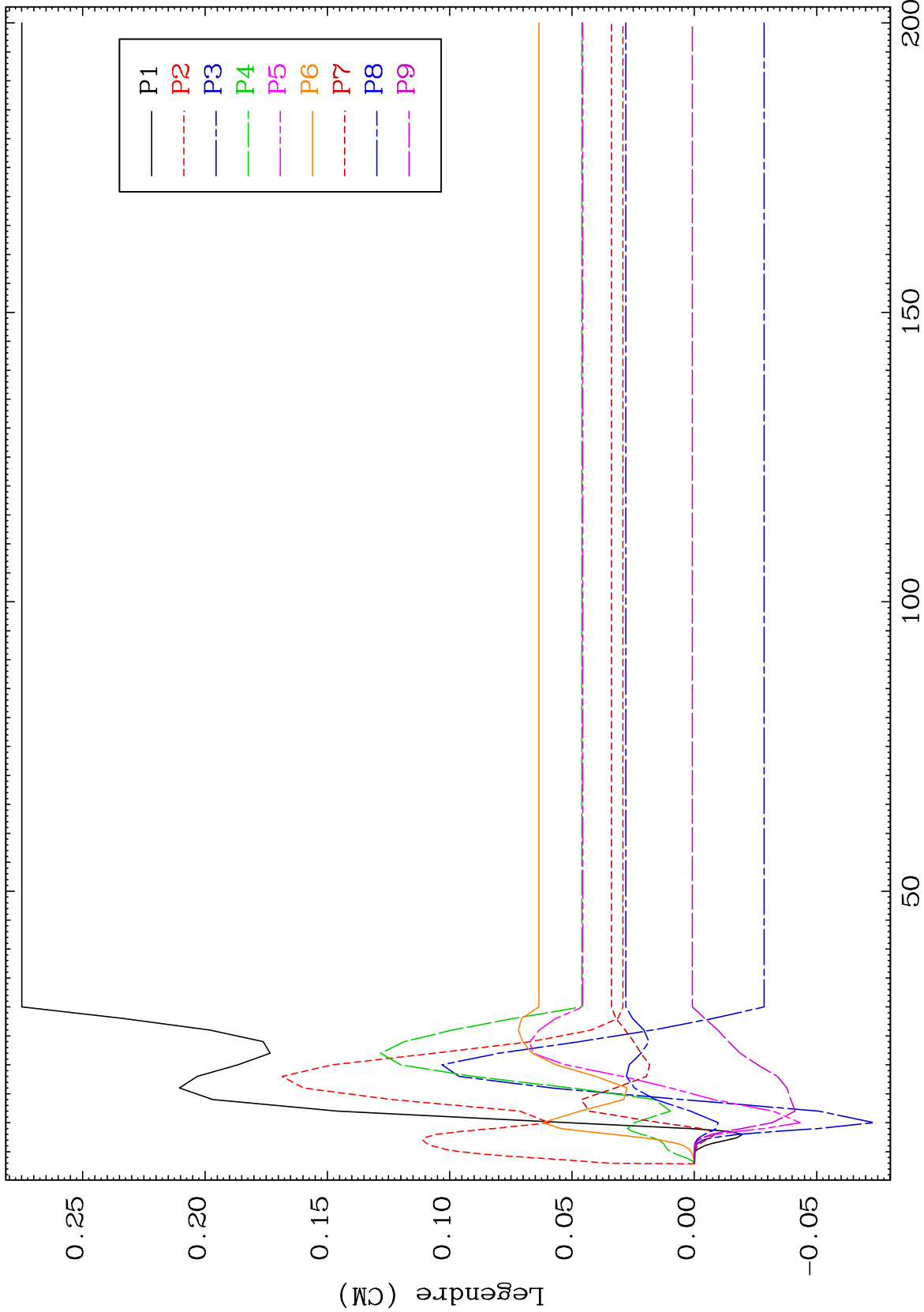




MAT 4819

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

48-Cd-104



76

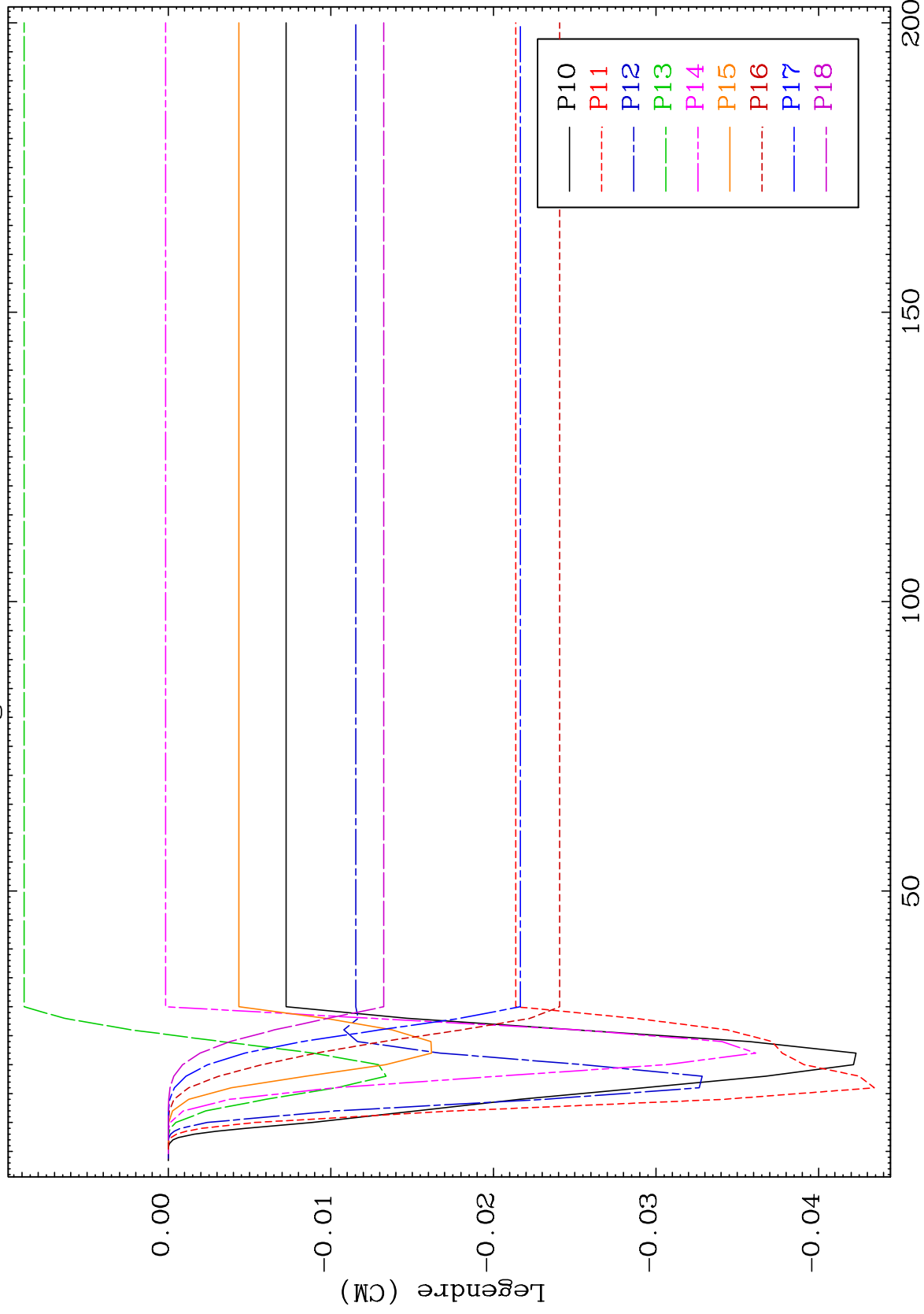
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

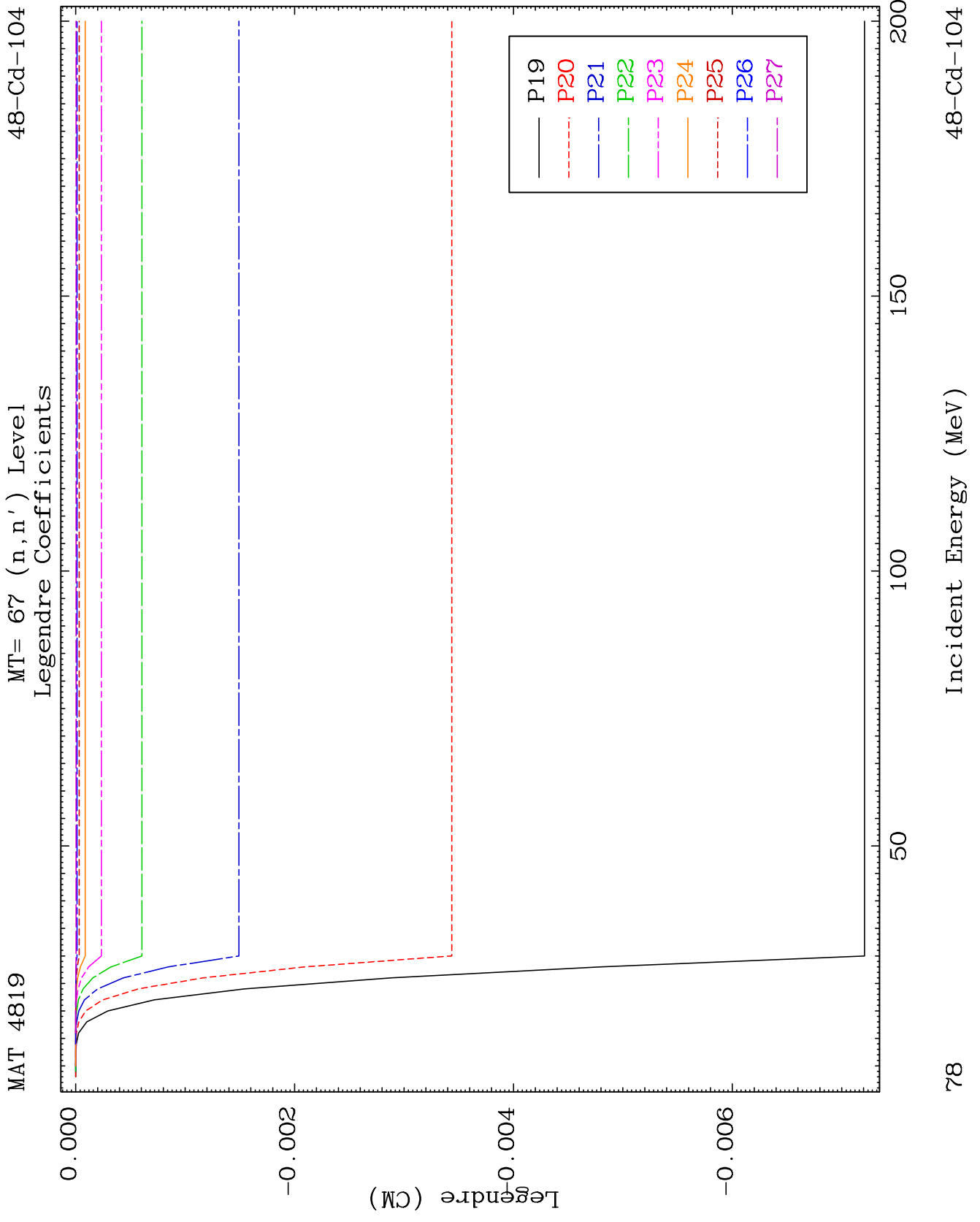
48-Cd-104

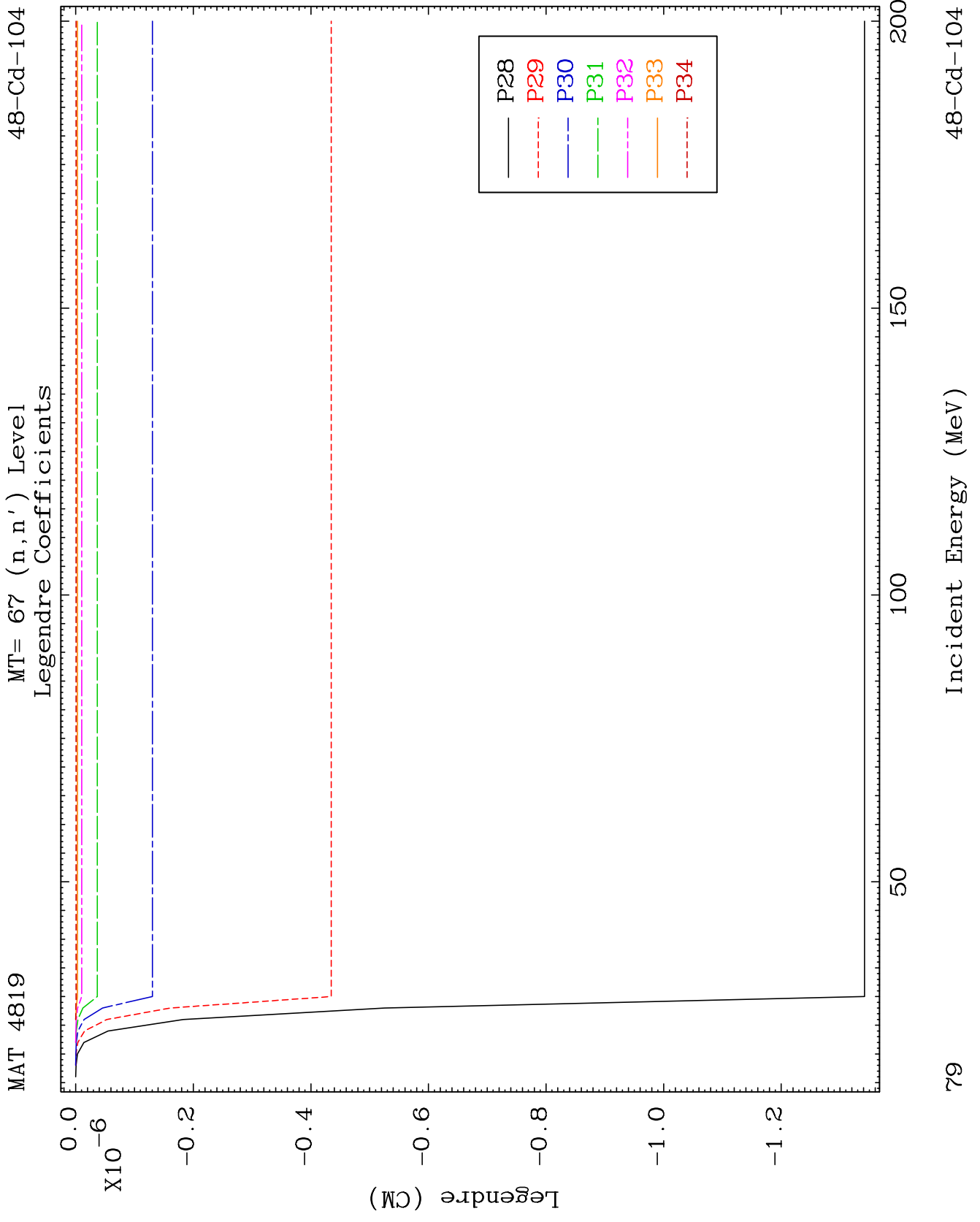


77

Incident Energy (MeV)

48-Cd-104

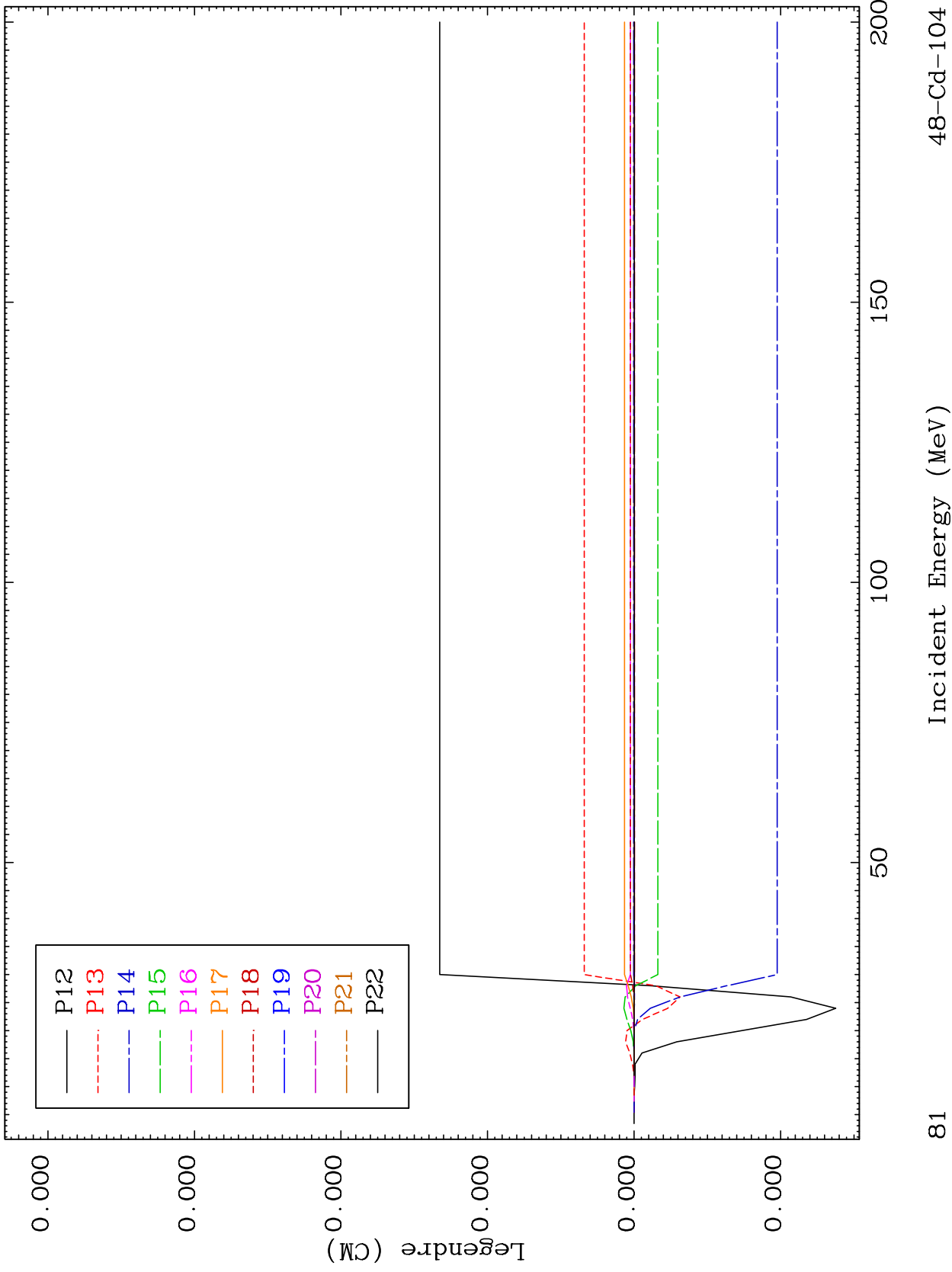


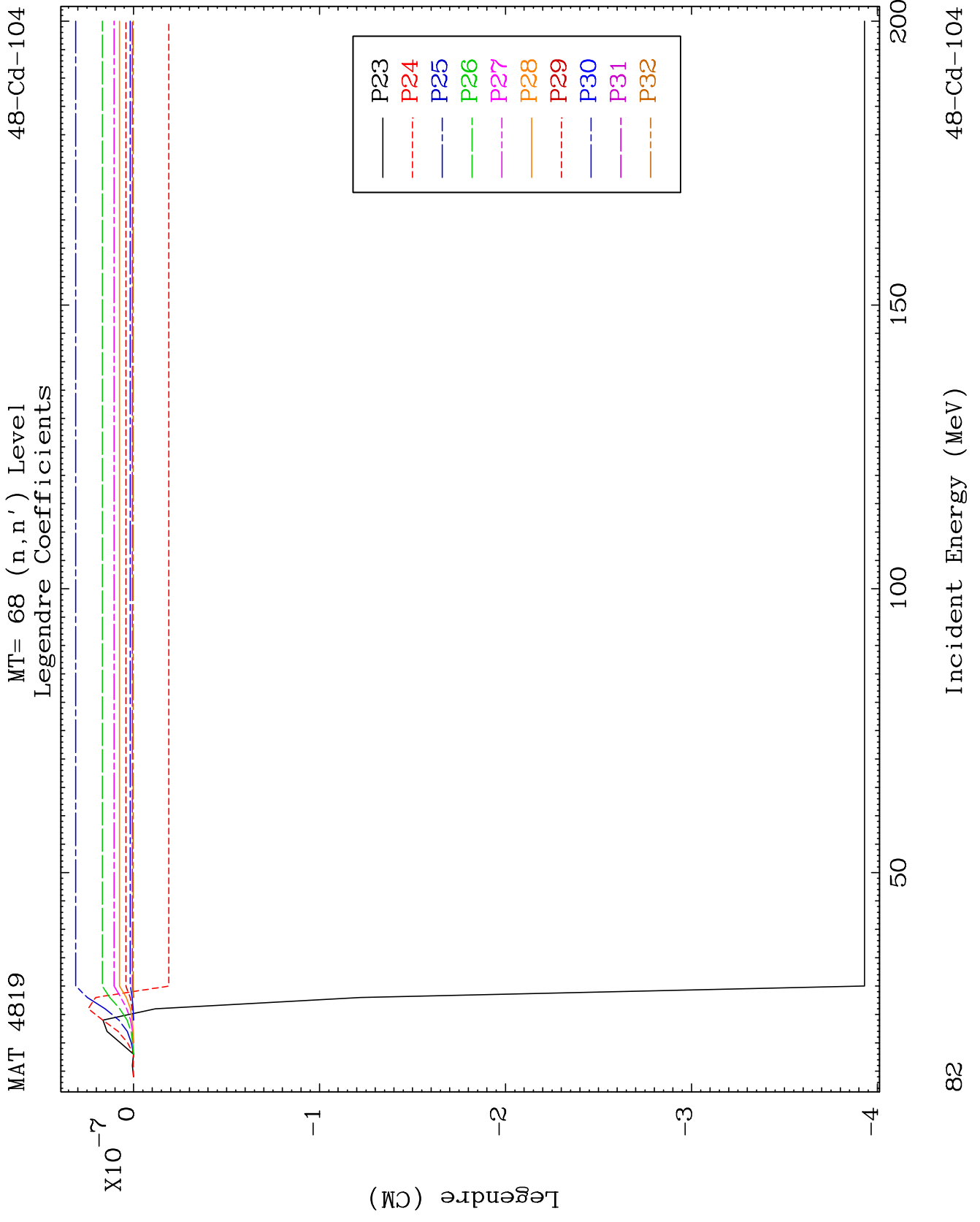


MAT 4819

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

48-Cd-104

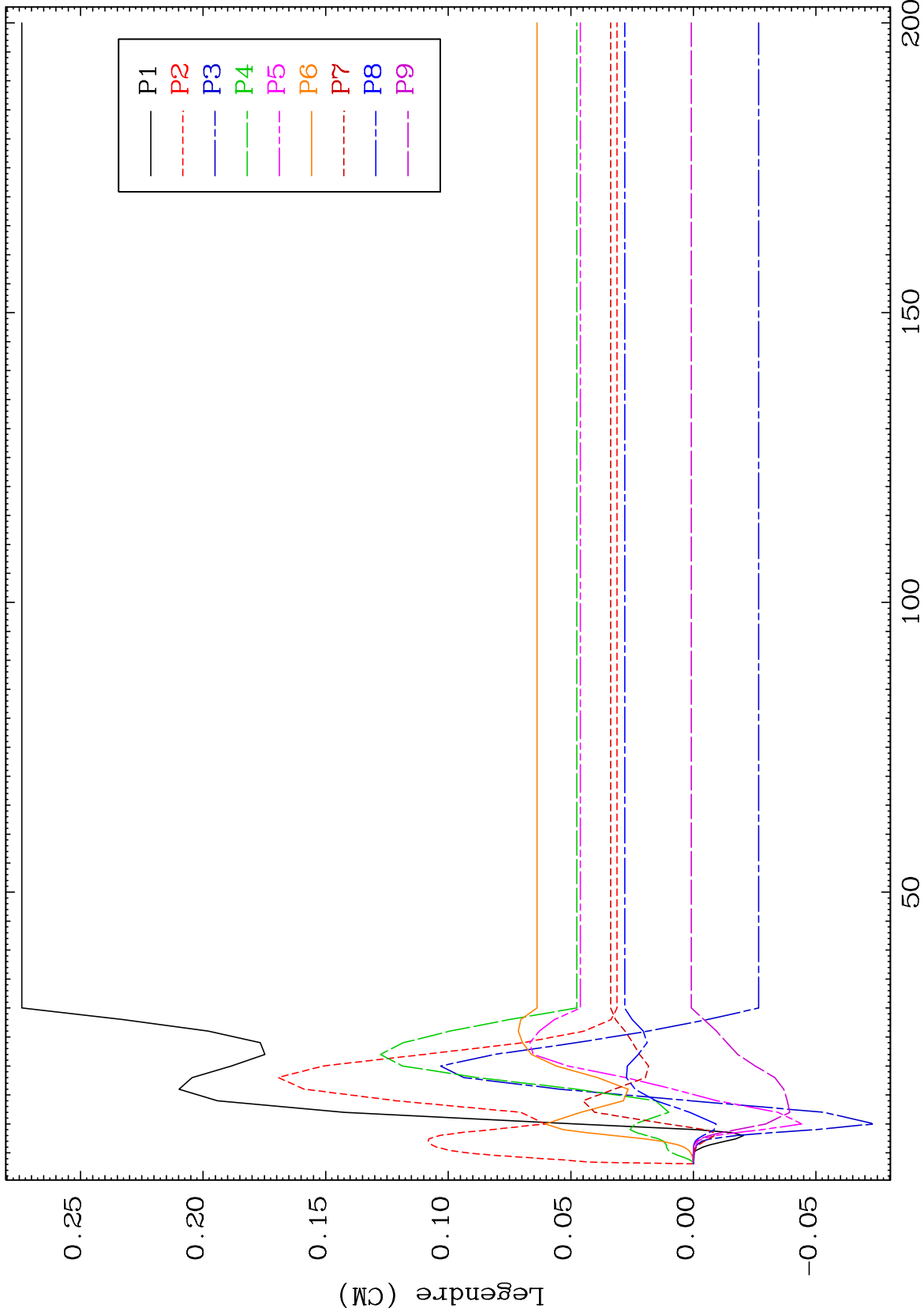




MAT 4819

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

48-Cd-104



83

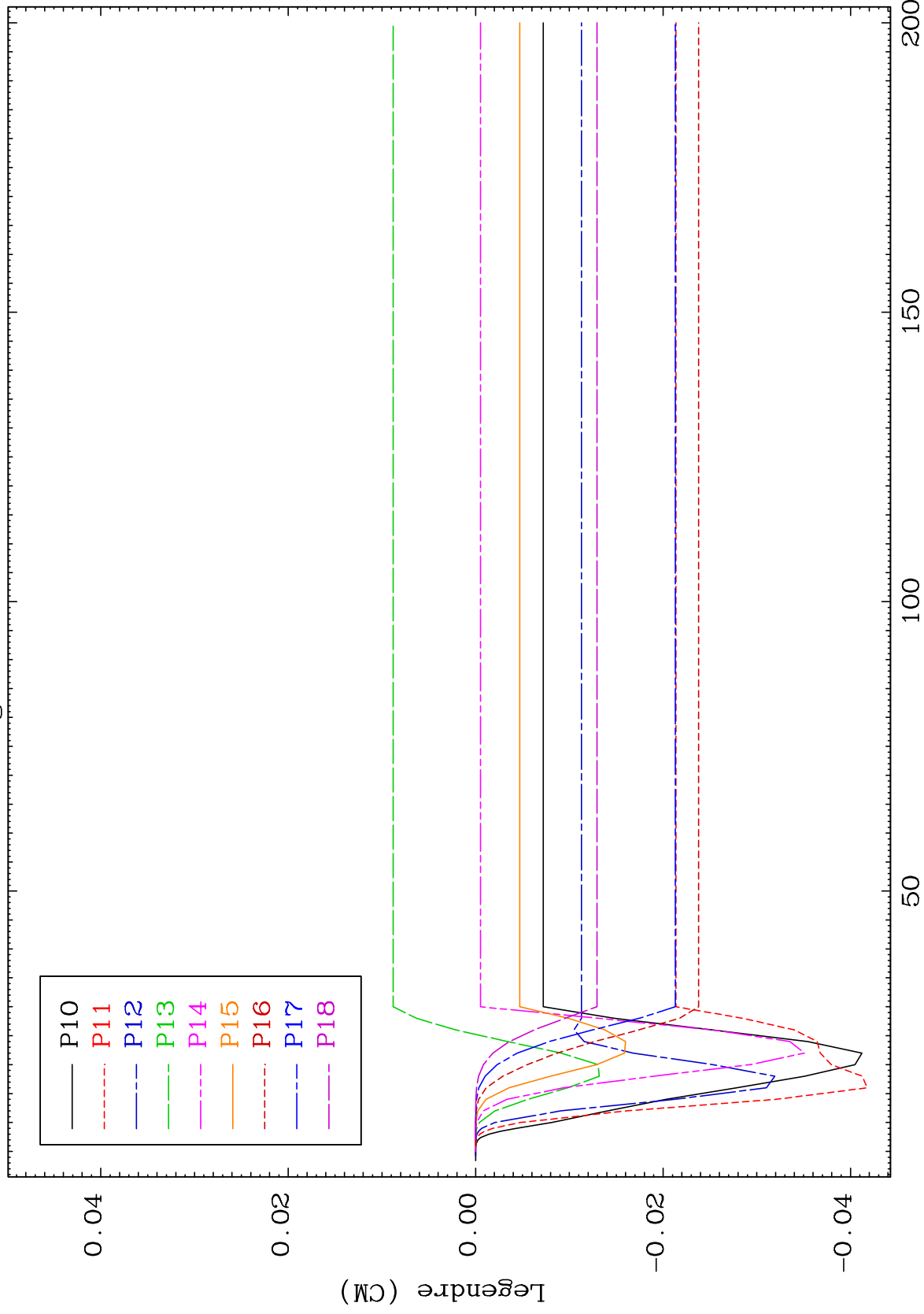
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

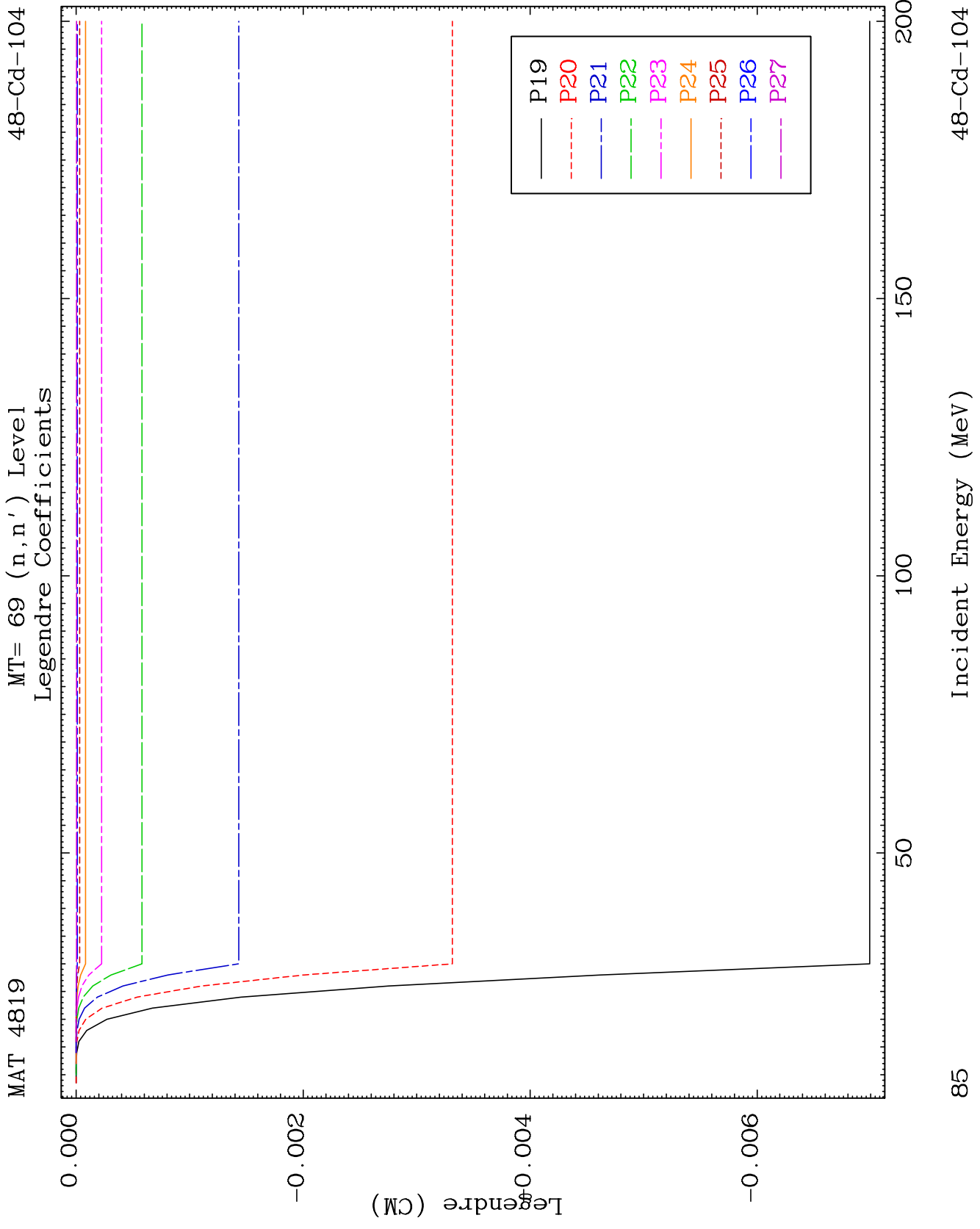
48-Cd-104

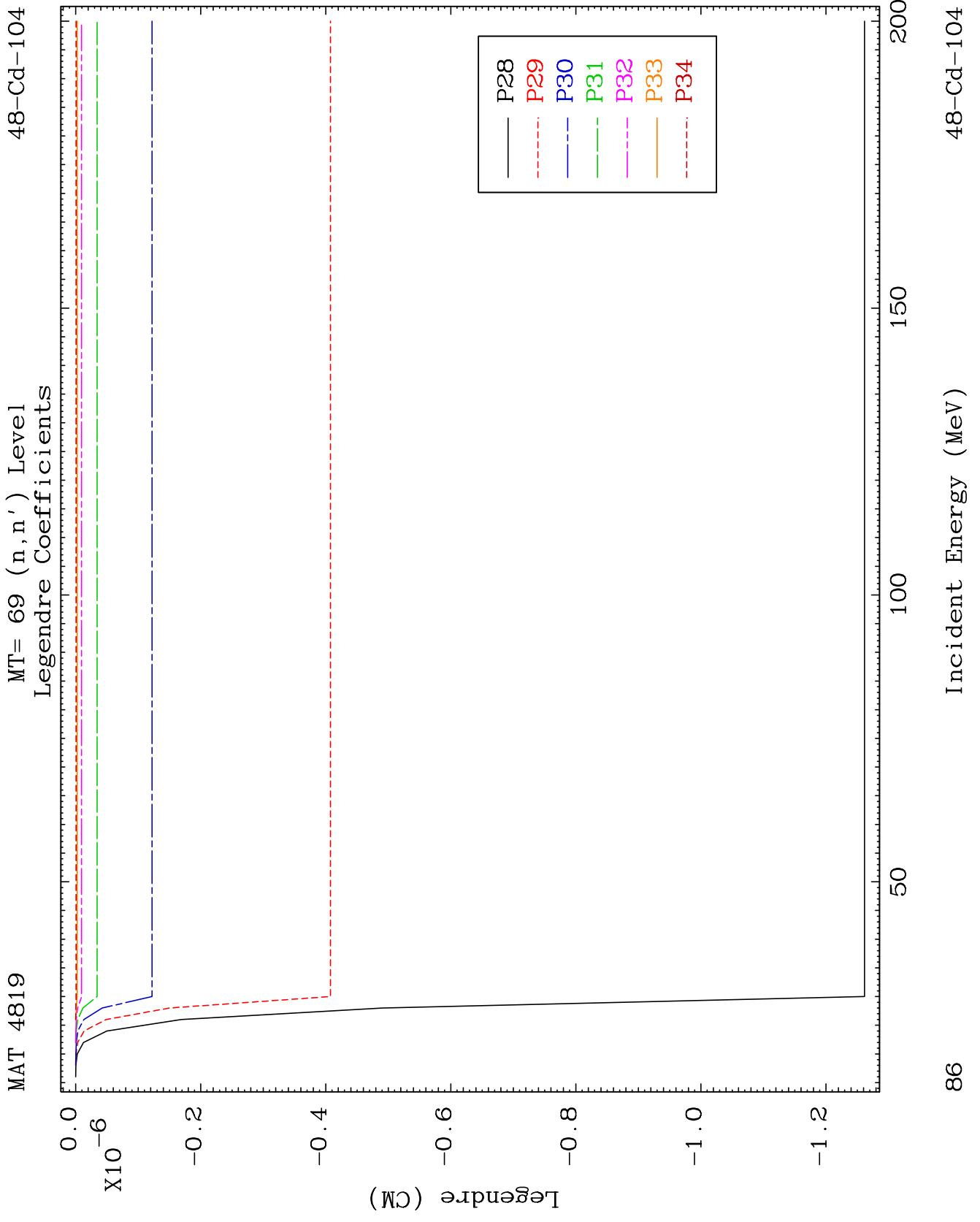


84

Incident Energy (MeV)

48-Cd-104

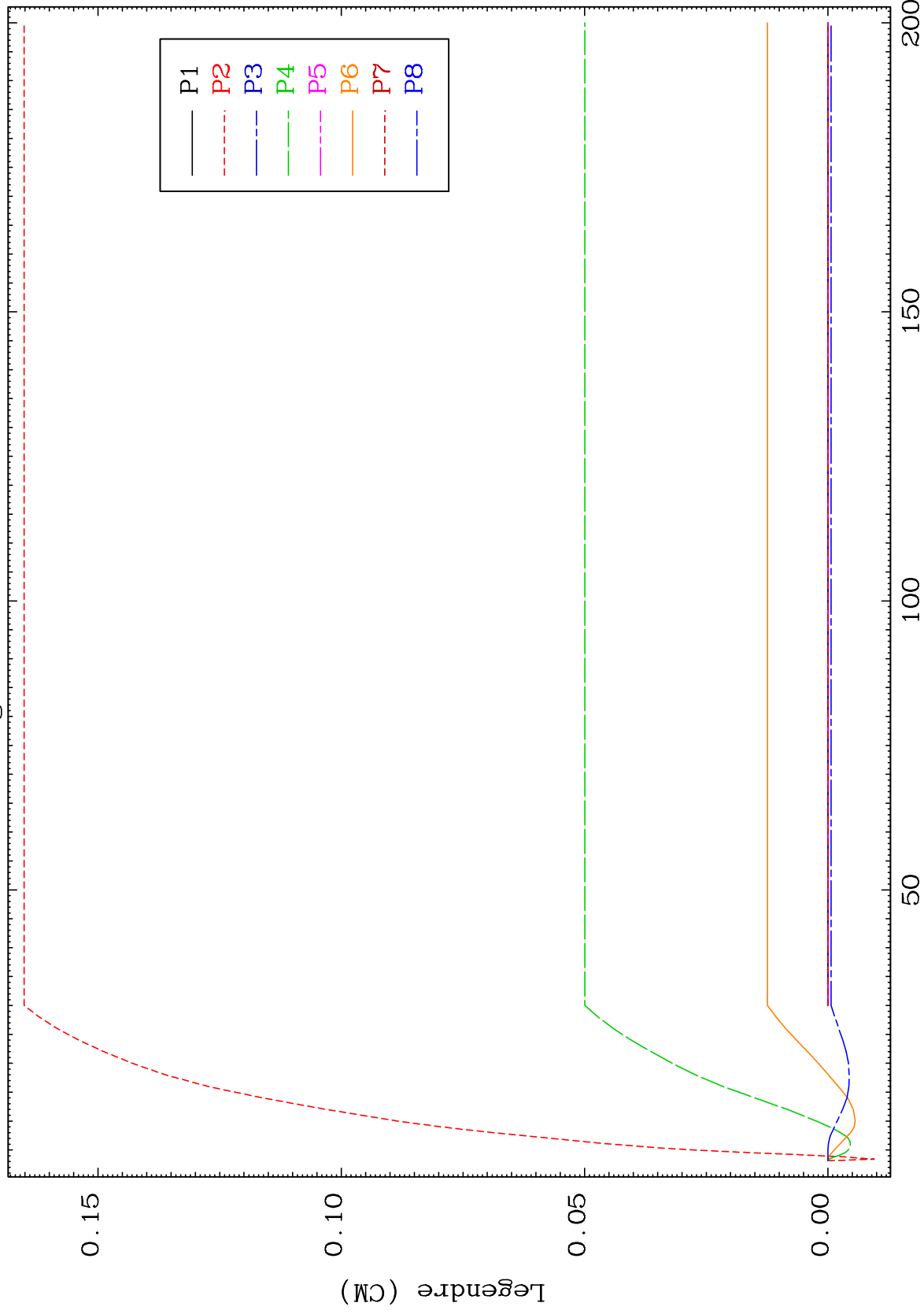




MAT 4819

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

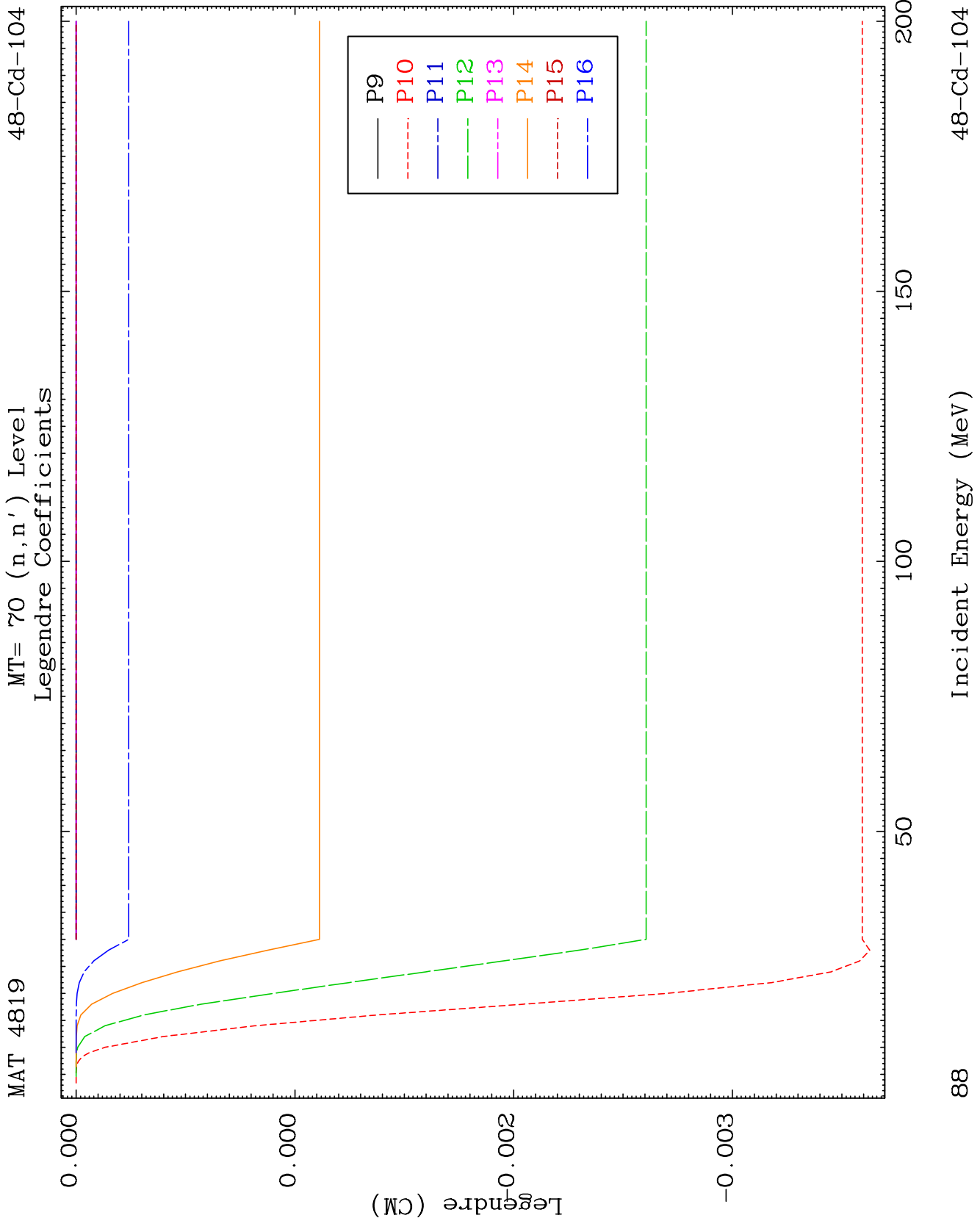
48-Cd-104

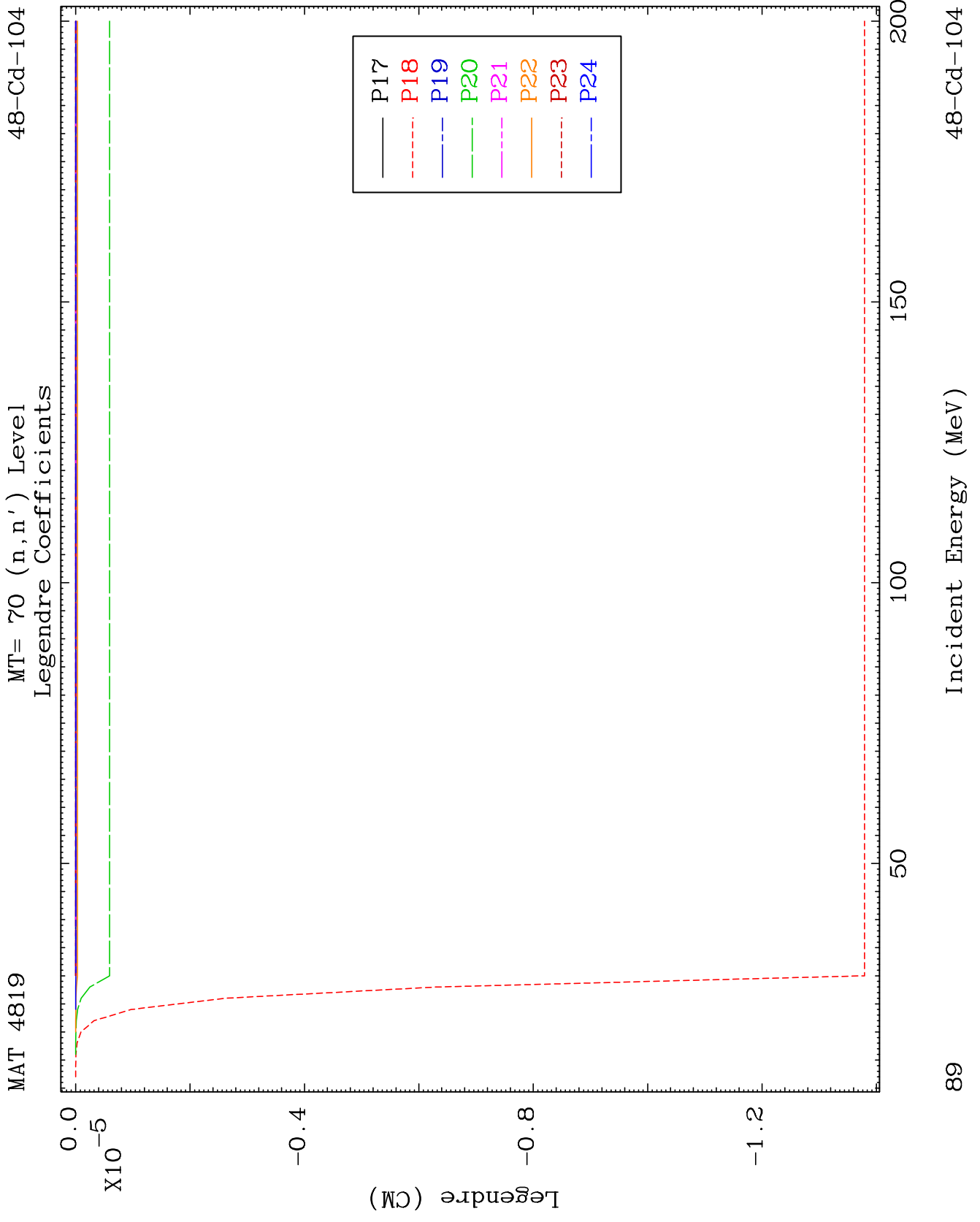


87

Incident Energy (MeV)

48-Cd-104

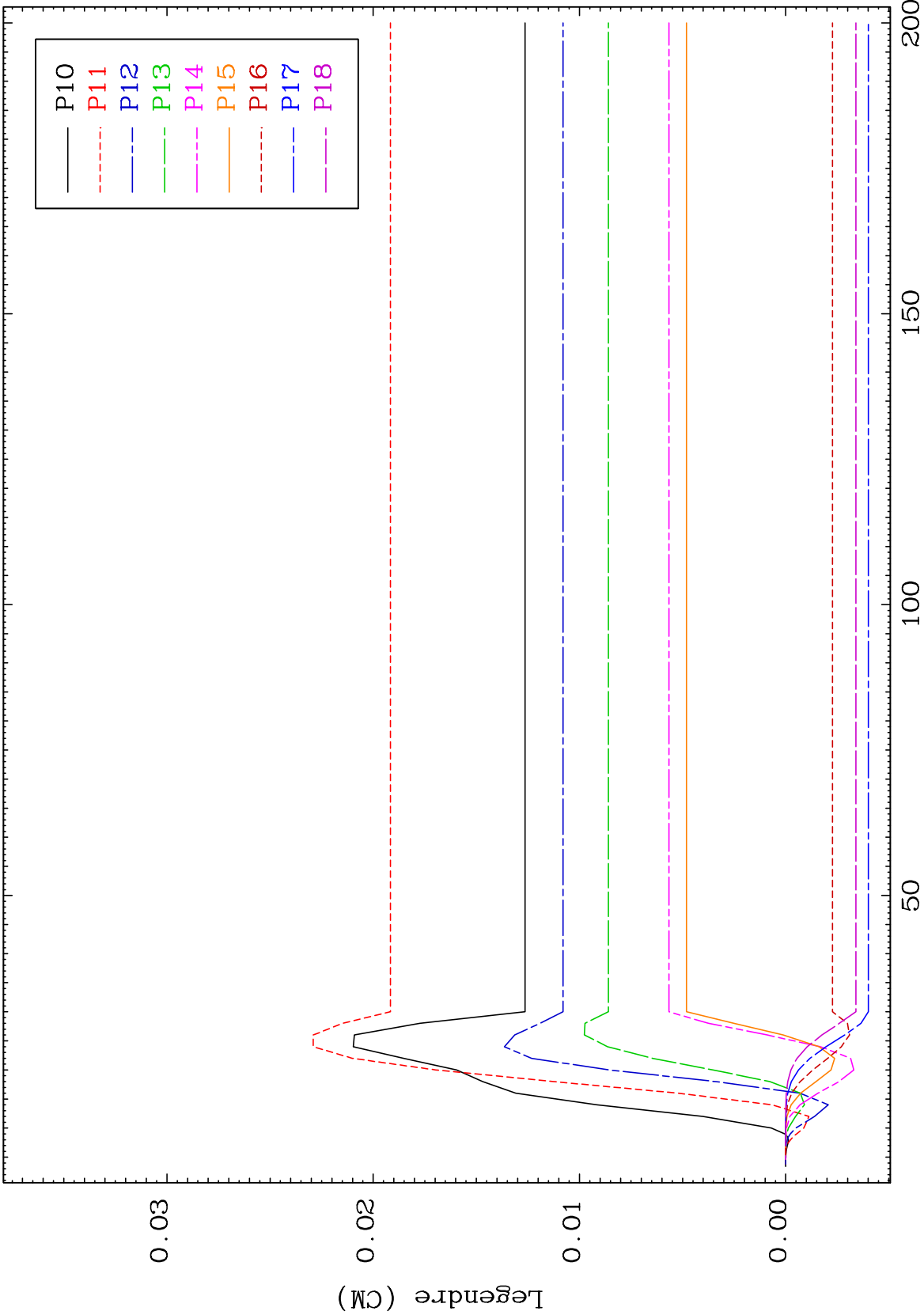


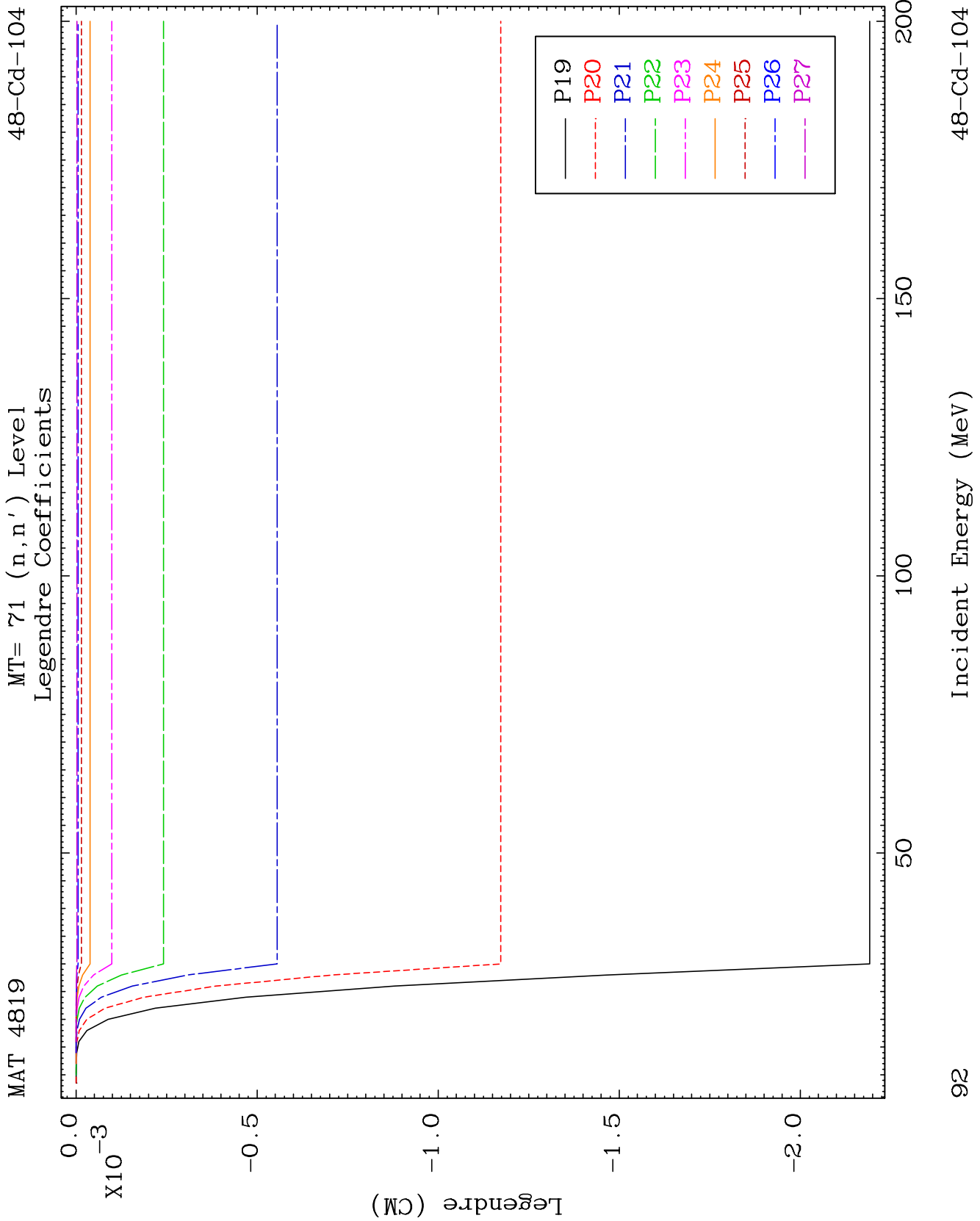


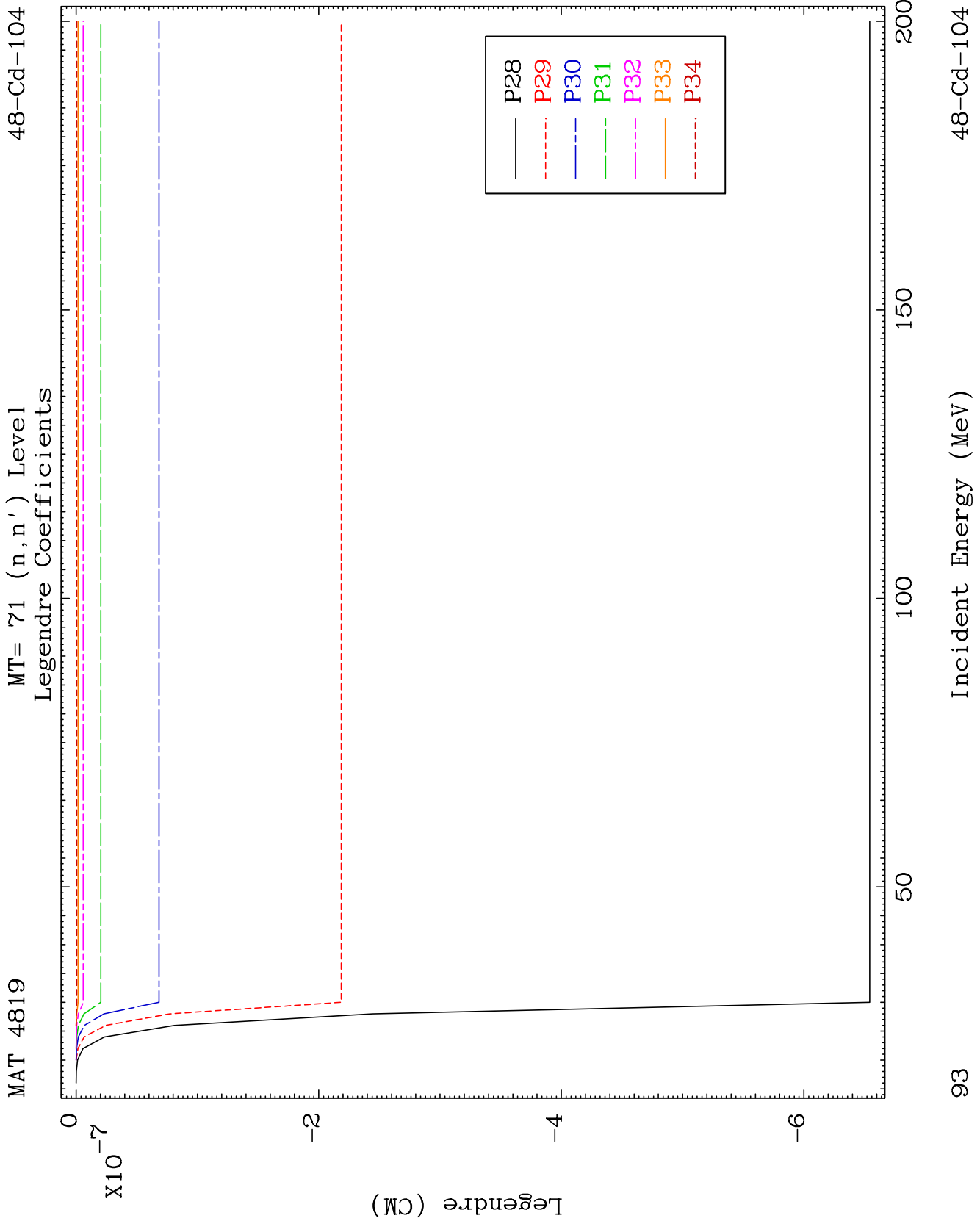
MAT 4819

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

48-Cd-104



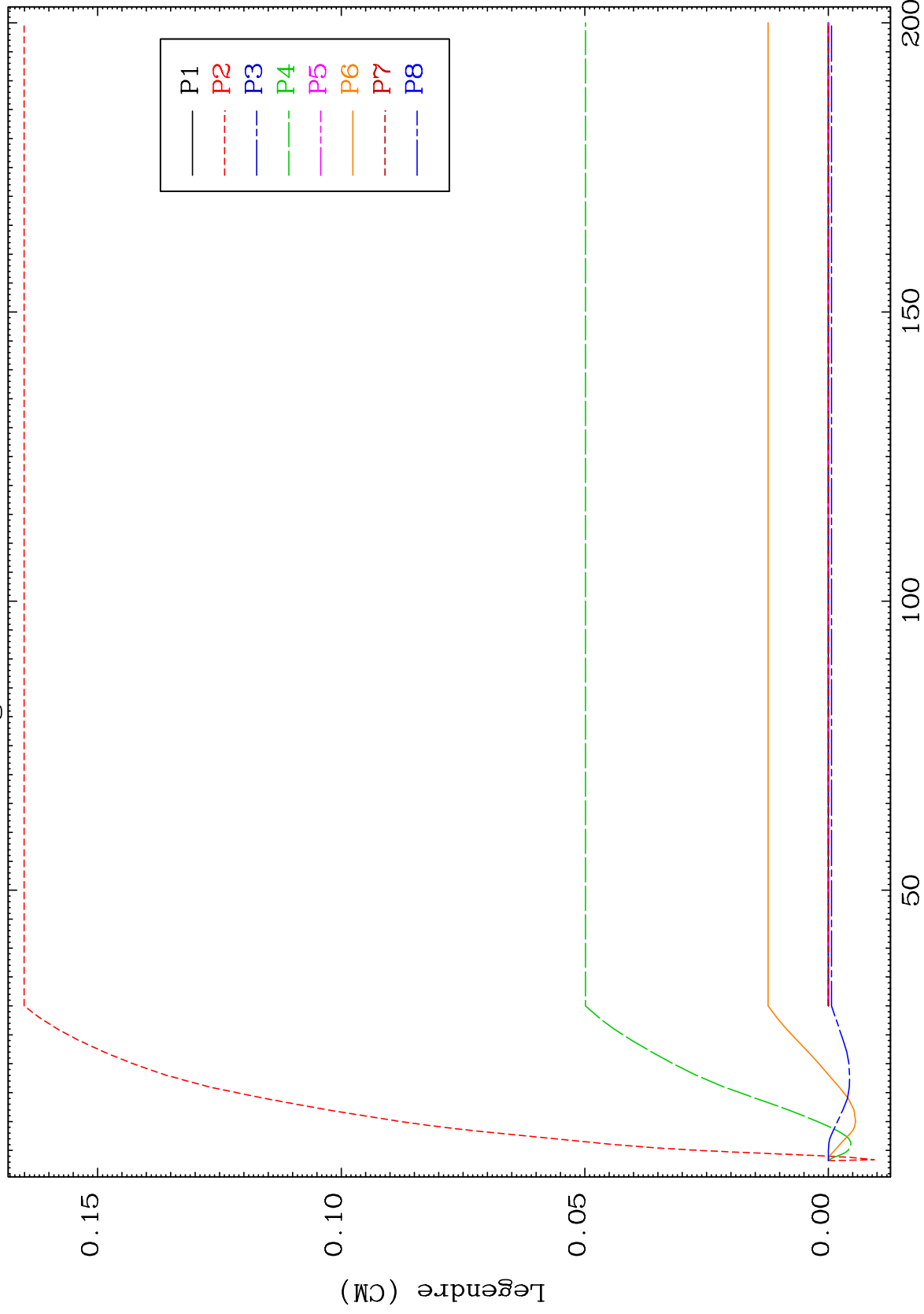




MAT 4819

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

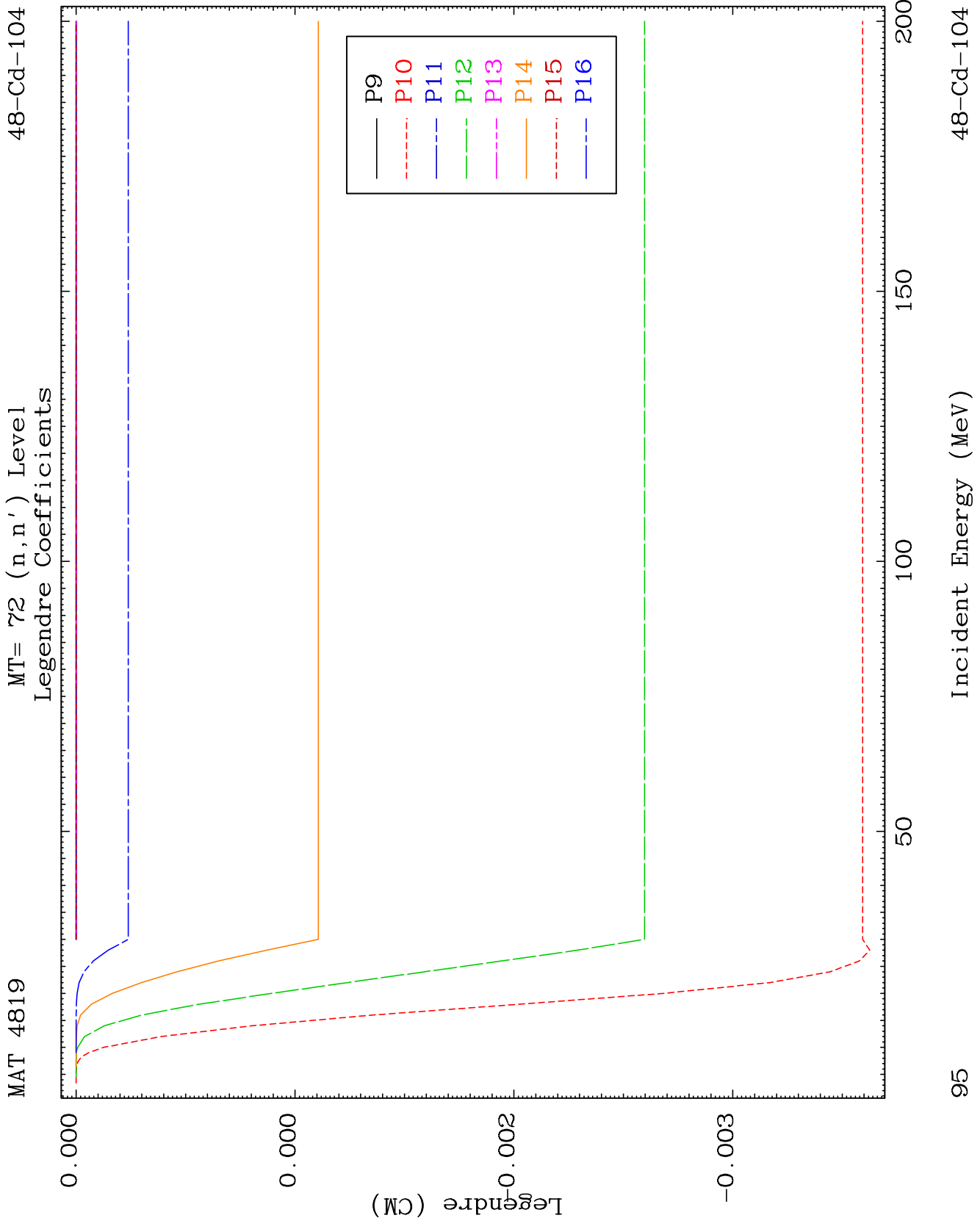
48-Cd-104

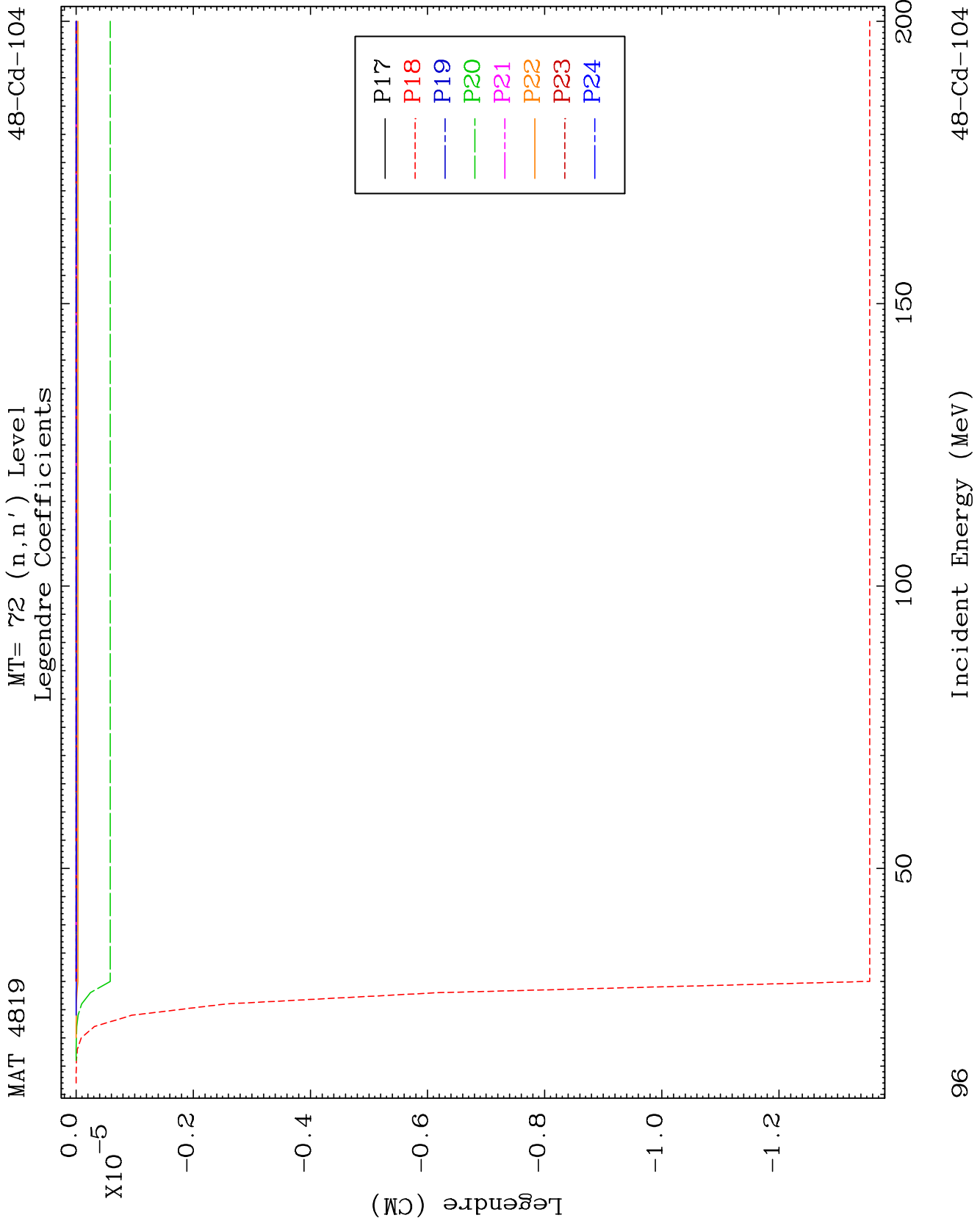


94

Incident Energy (MeV)

48-Cd-104

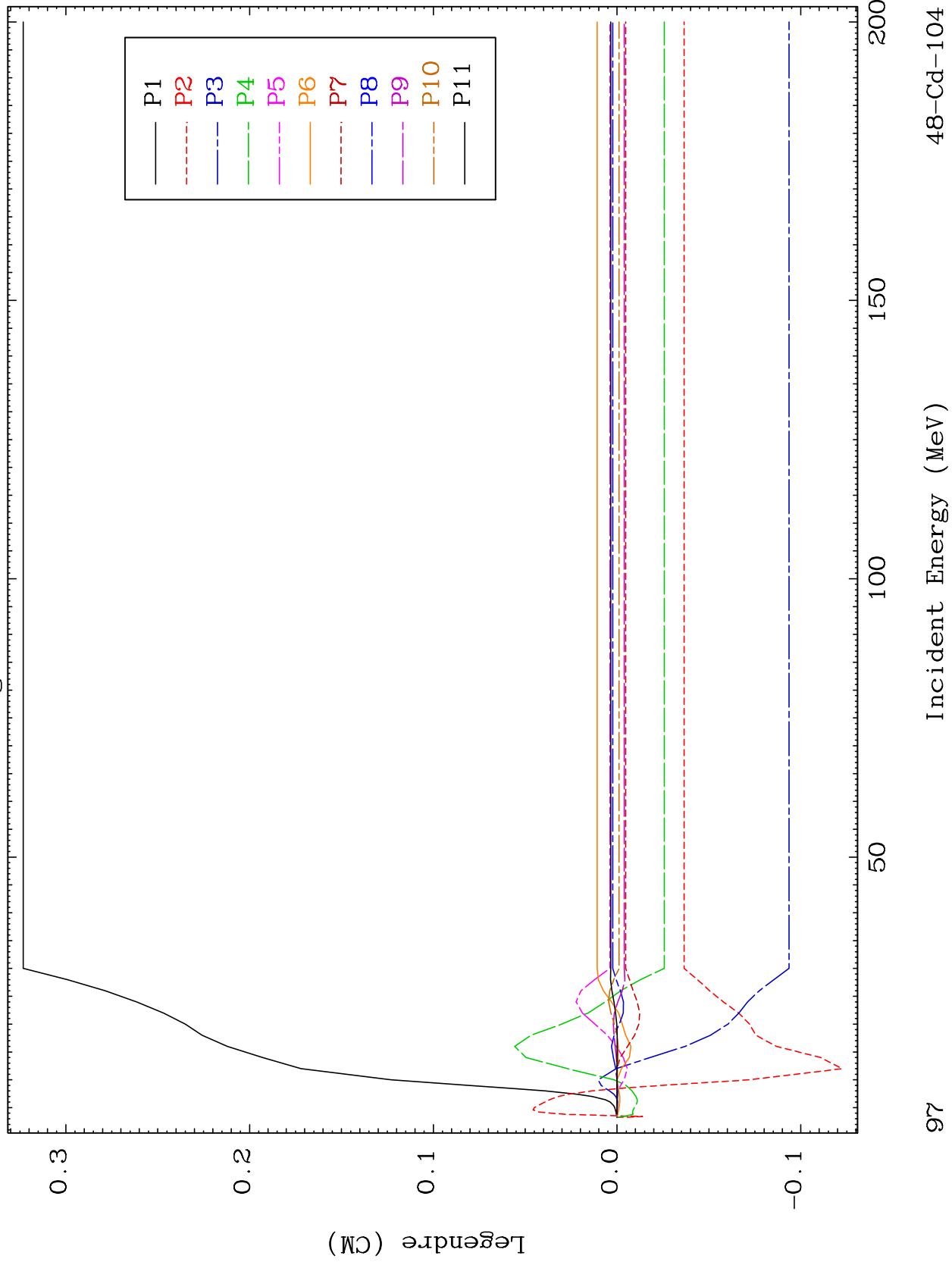




MAT 4819

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

48-Cd-104



97

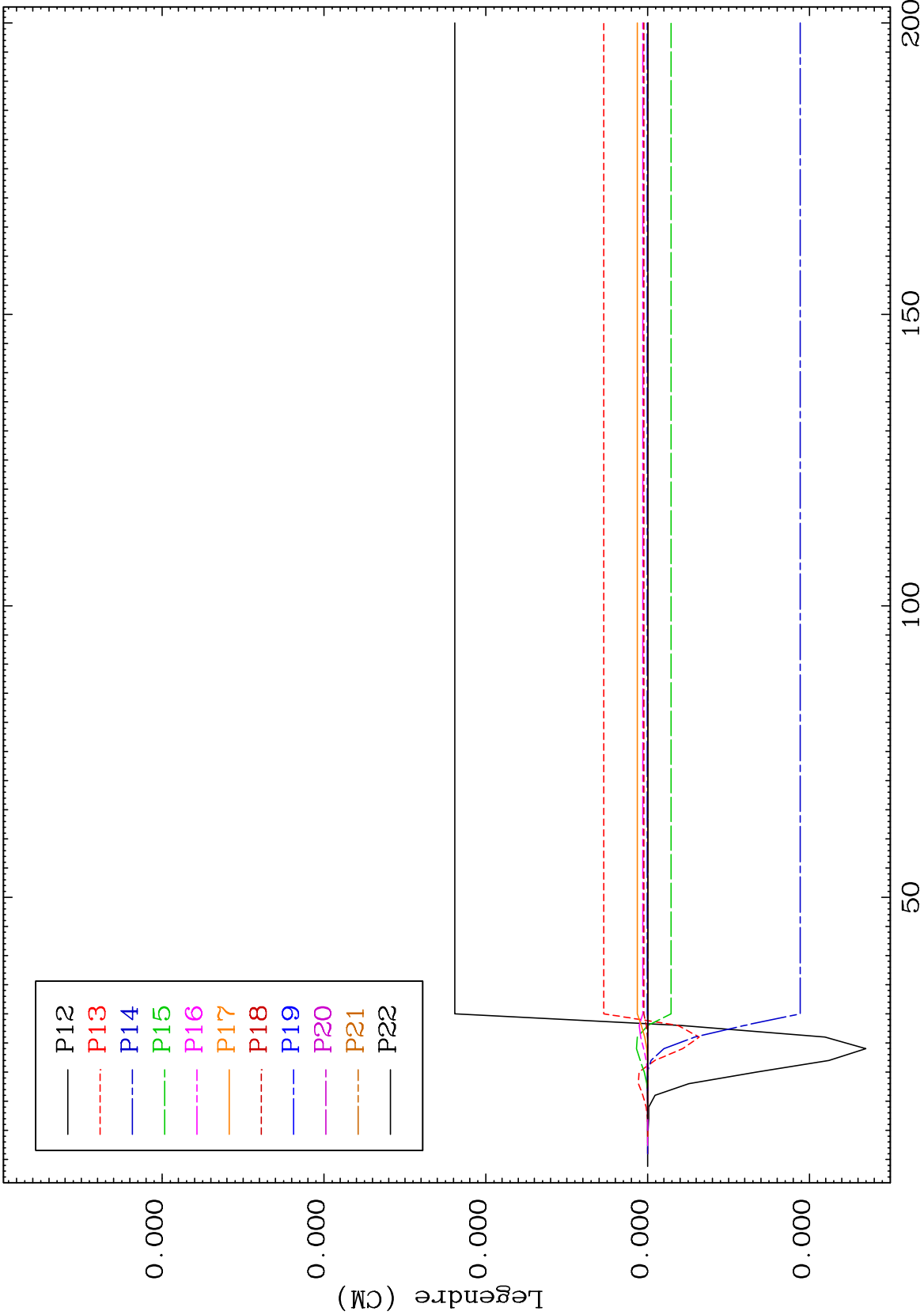
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

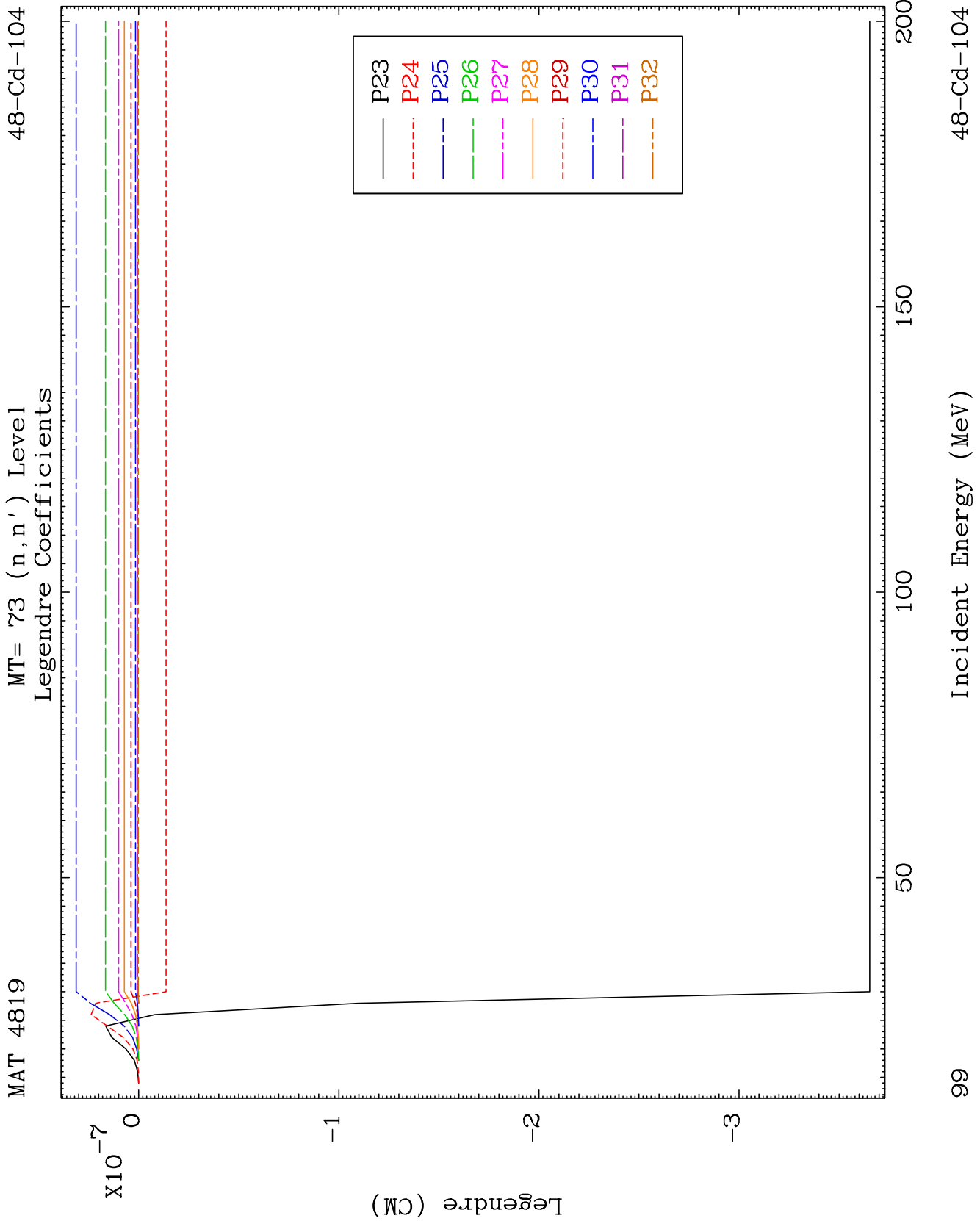
48-Cd-104



98

Incident Energy (MeV)

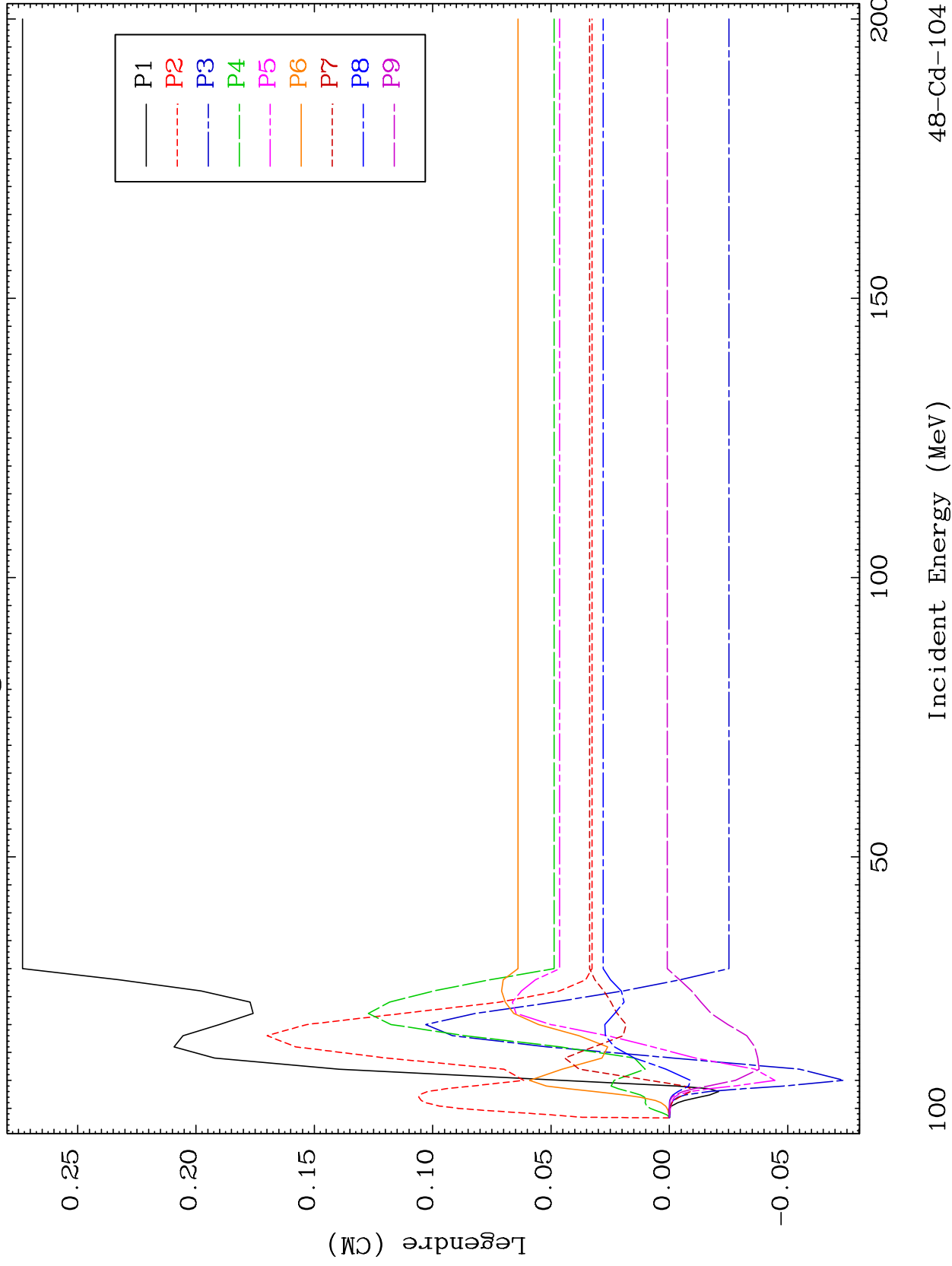
48-Cd-104



MAT 4819

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

48-Cd-104



48-Cd-104

Incident Energy (MeV)

100

50

100

150

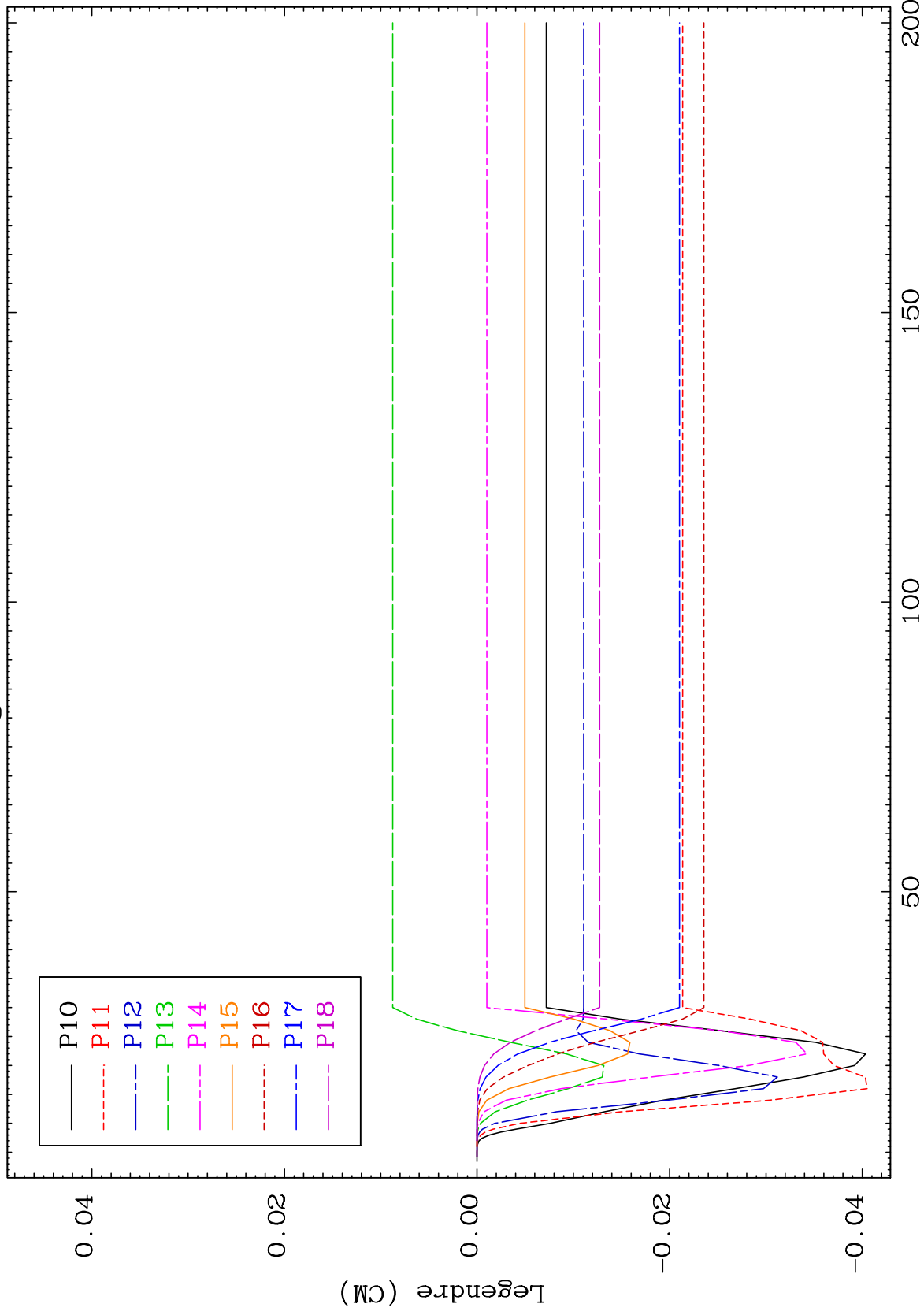
200

Legendre (CM)

MAT 4819

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

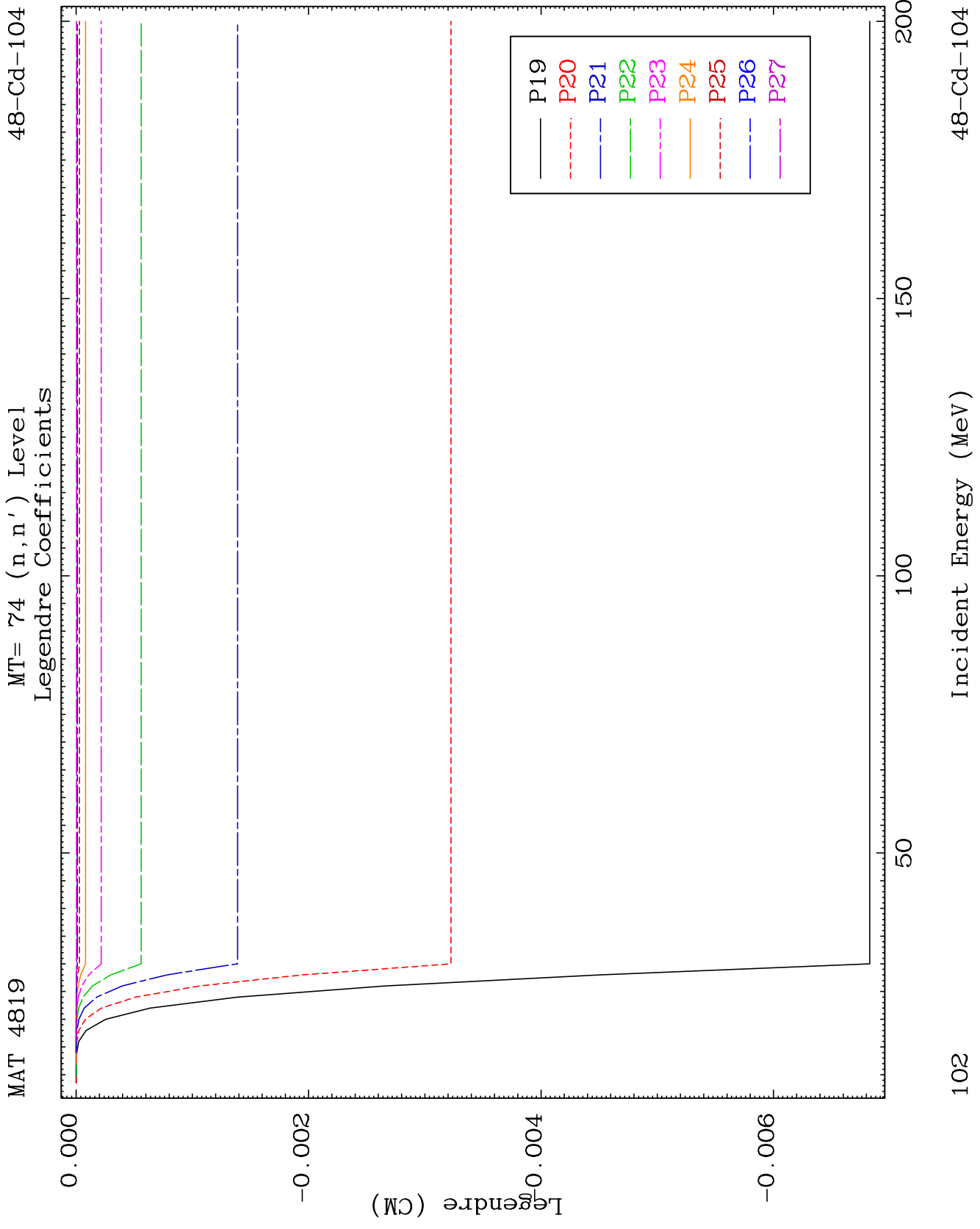
48-Cd-104

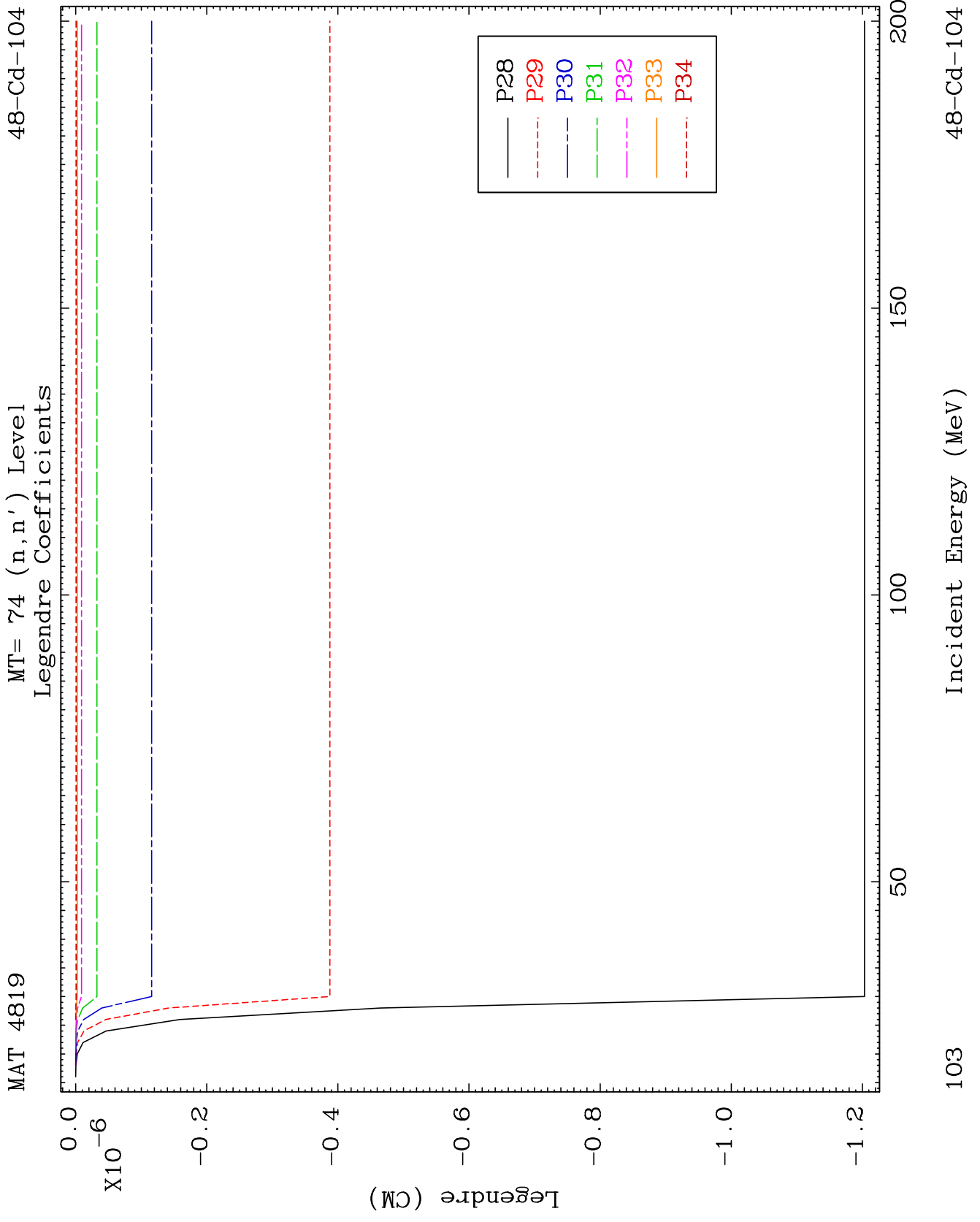


101

Incident Energy (MeV)

48-Cd-104

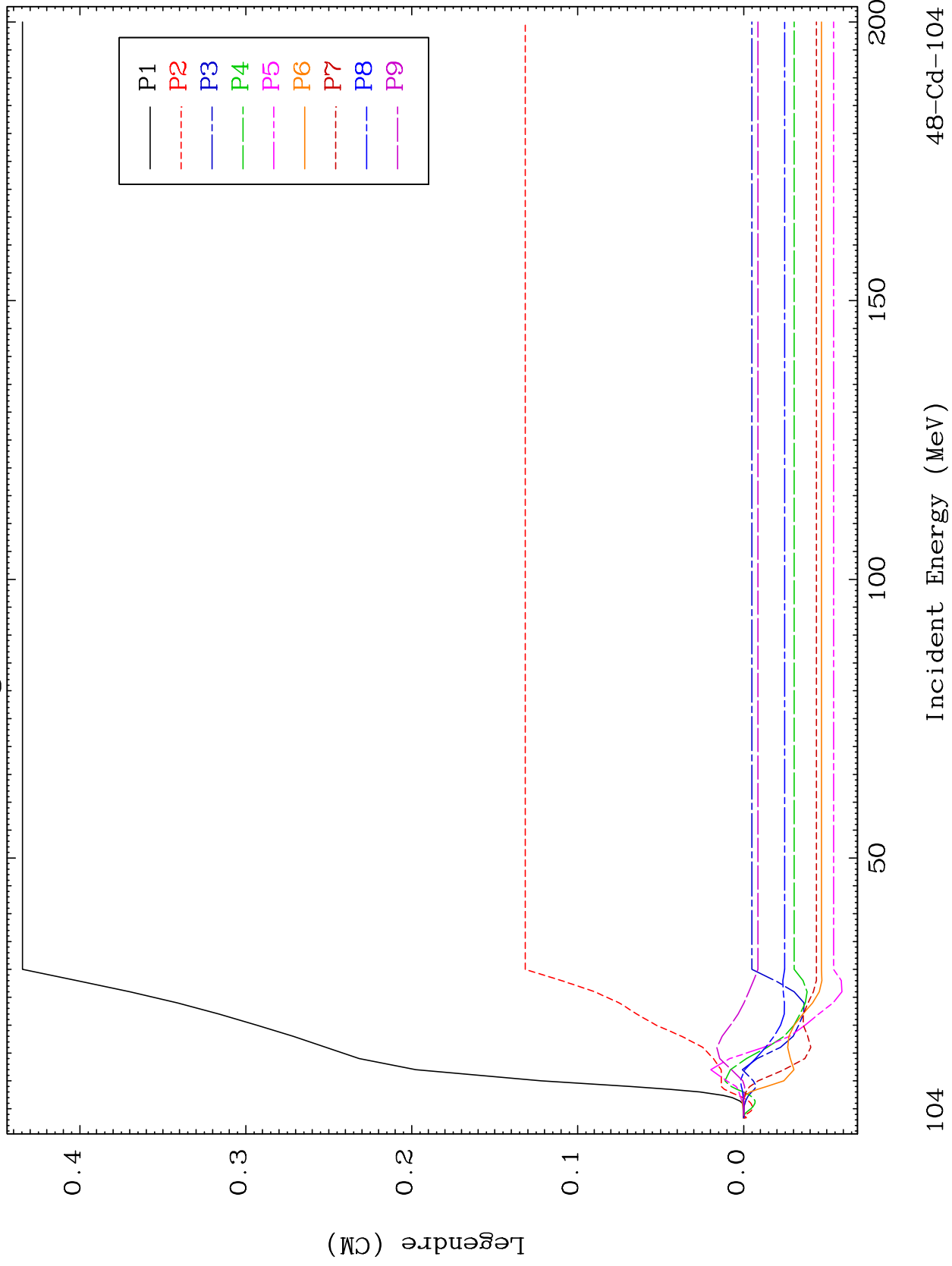




MAT 4819

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

48-Cd-104



104

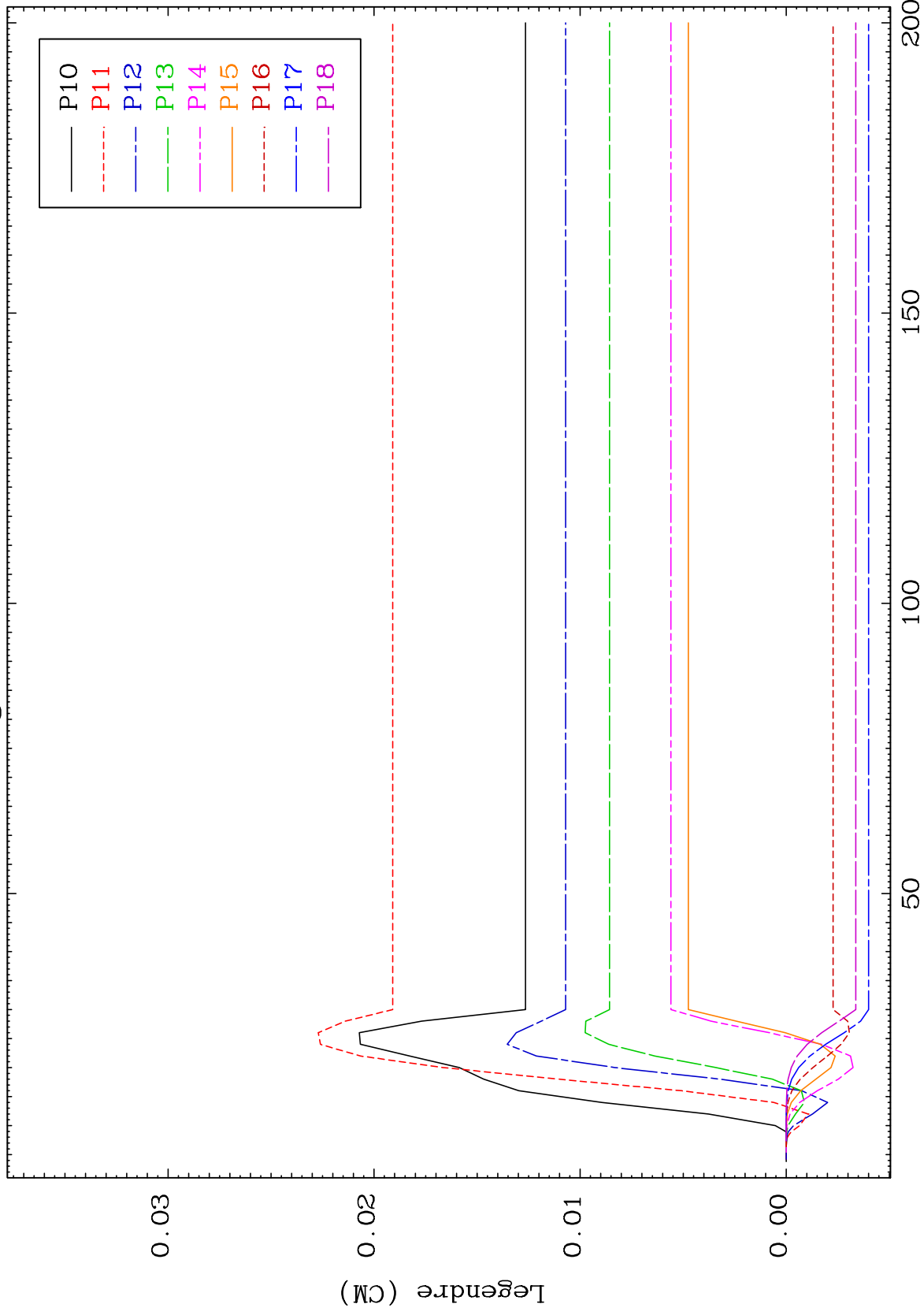
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

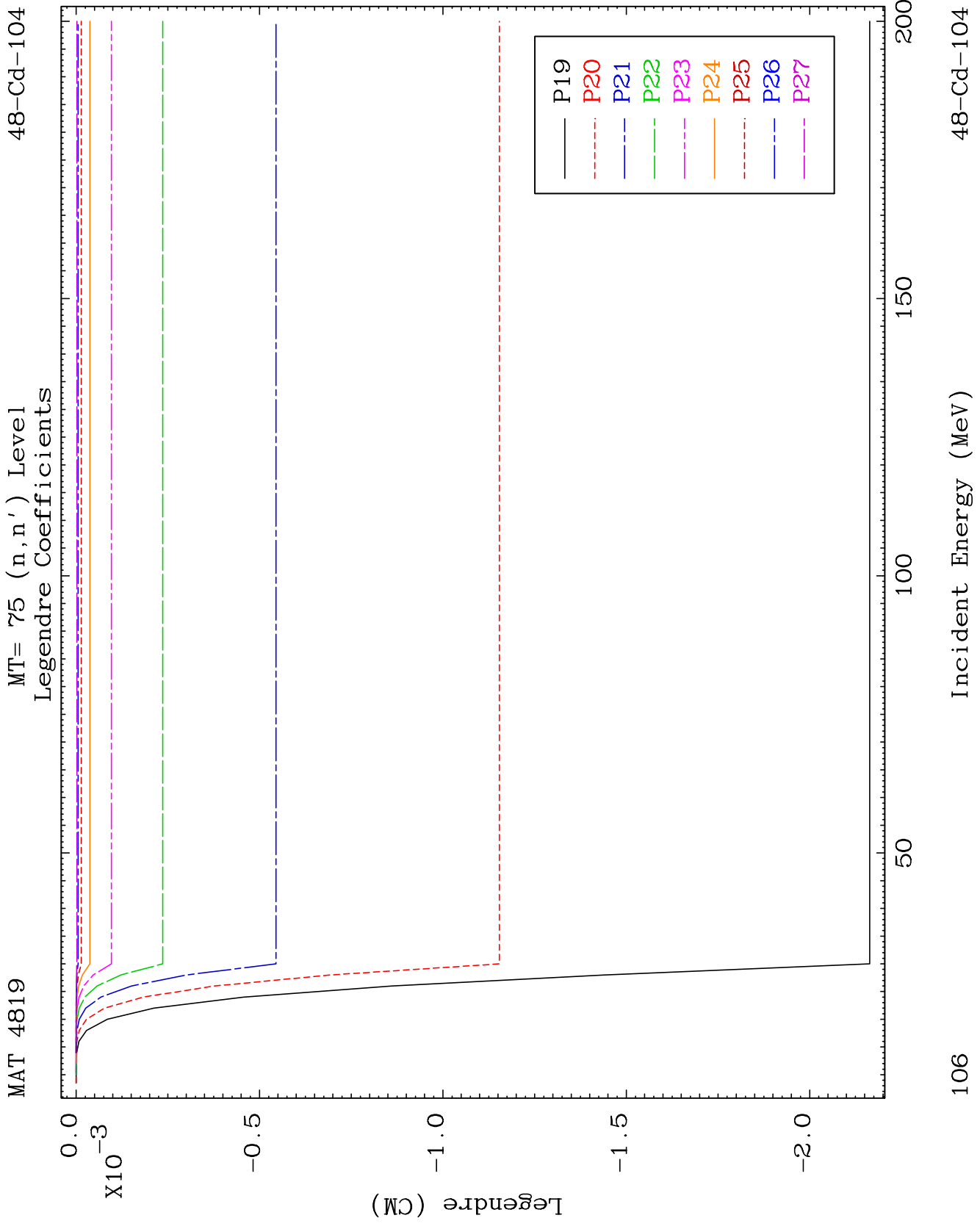
48-Cd-104

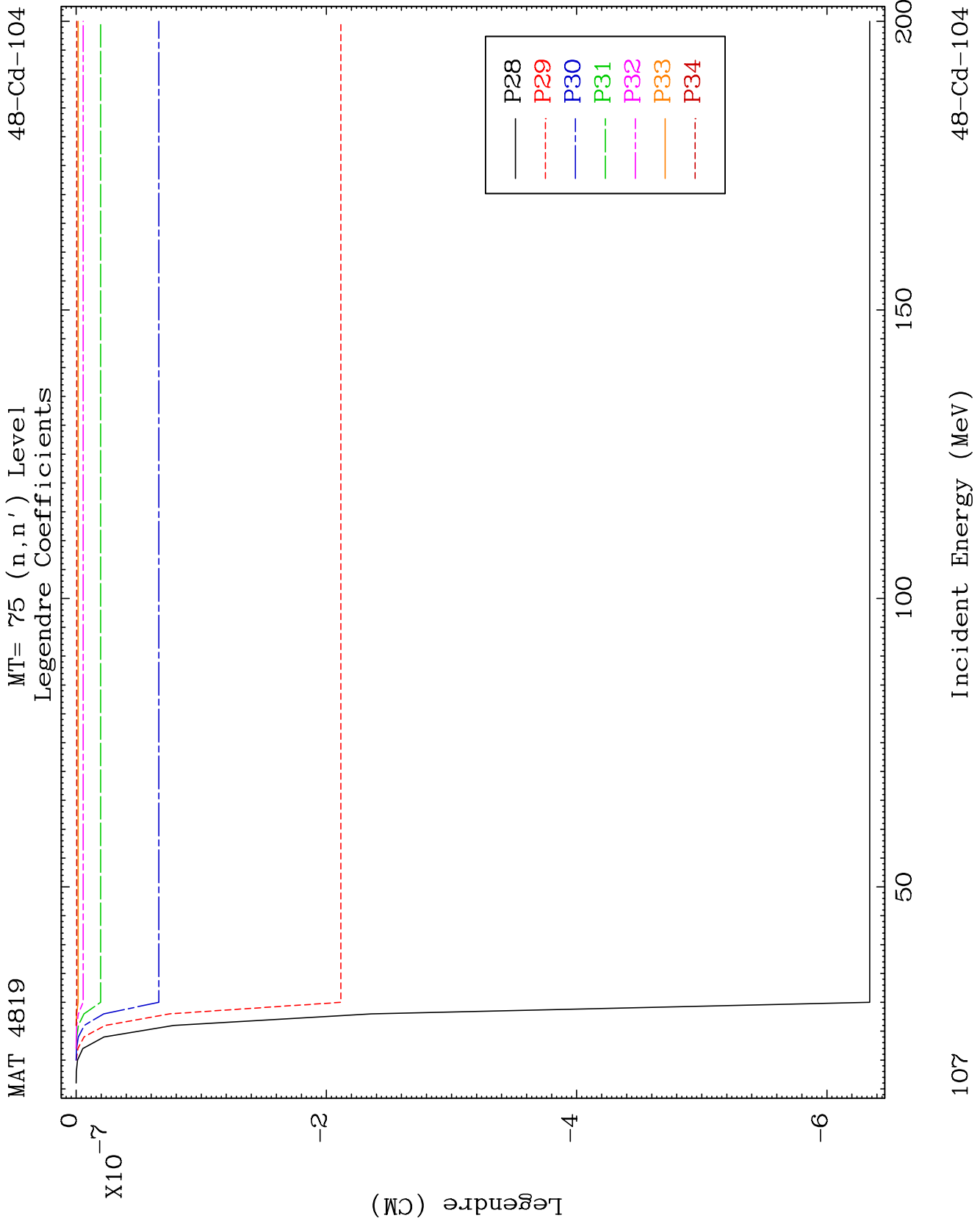


105

Incident Energy (MeV)

48-Cd-104

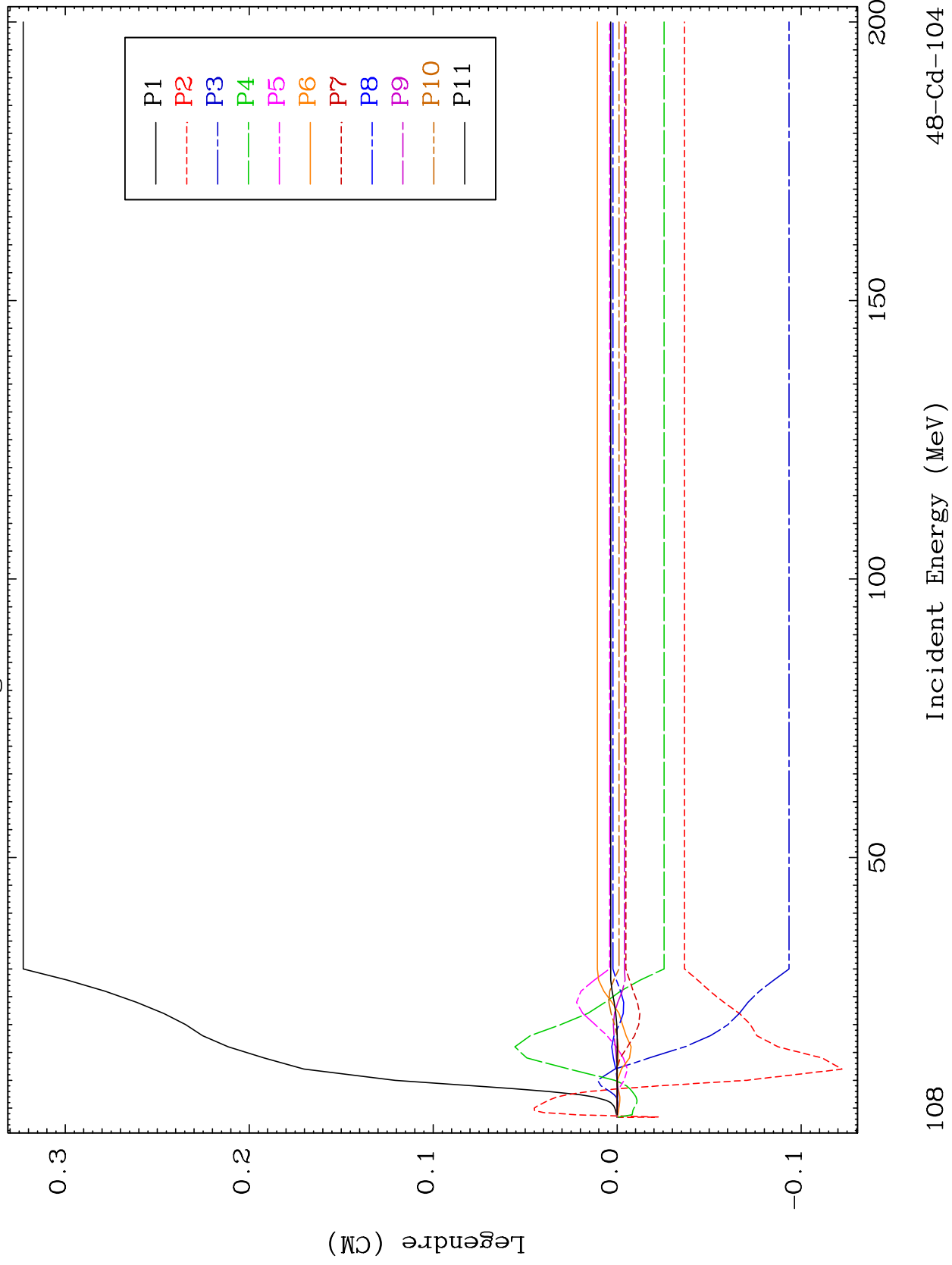




MAT 4819

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

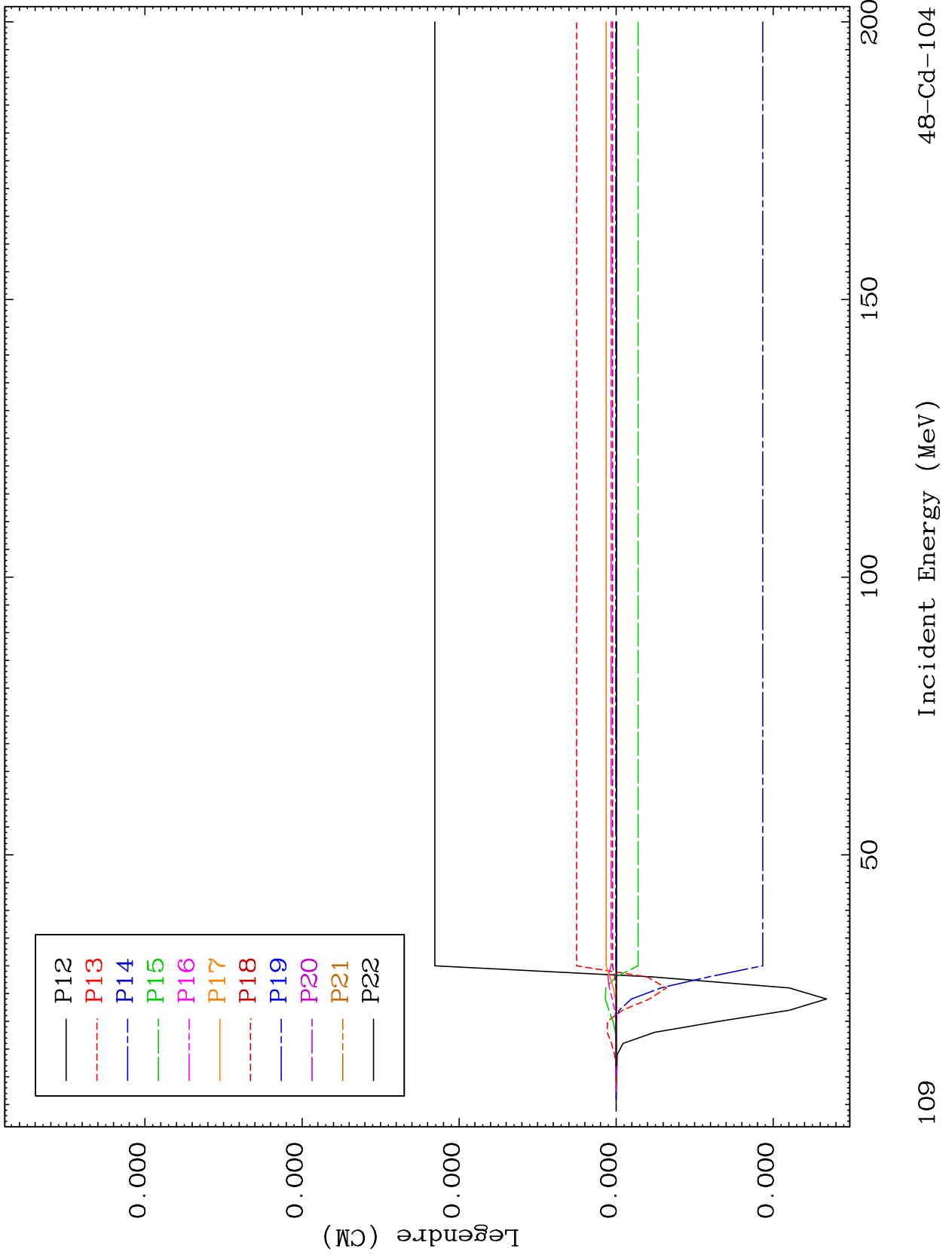
48-Cd-104

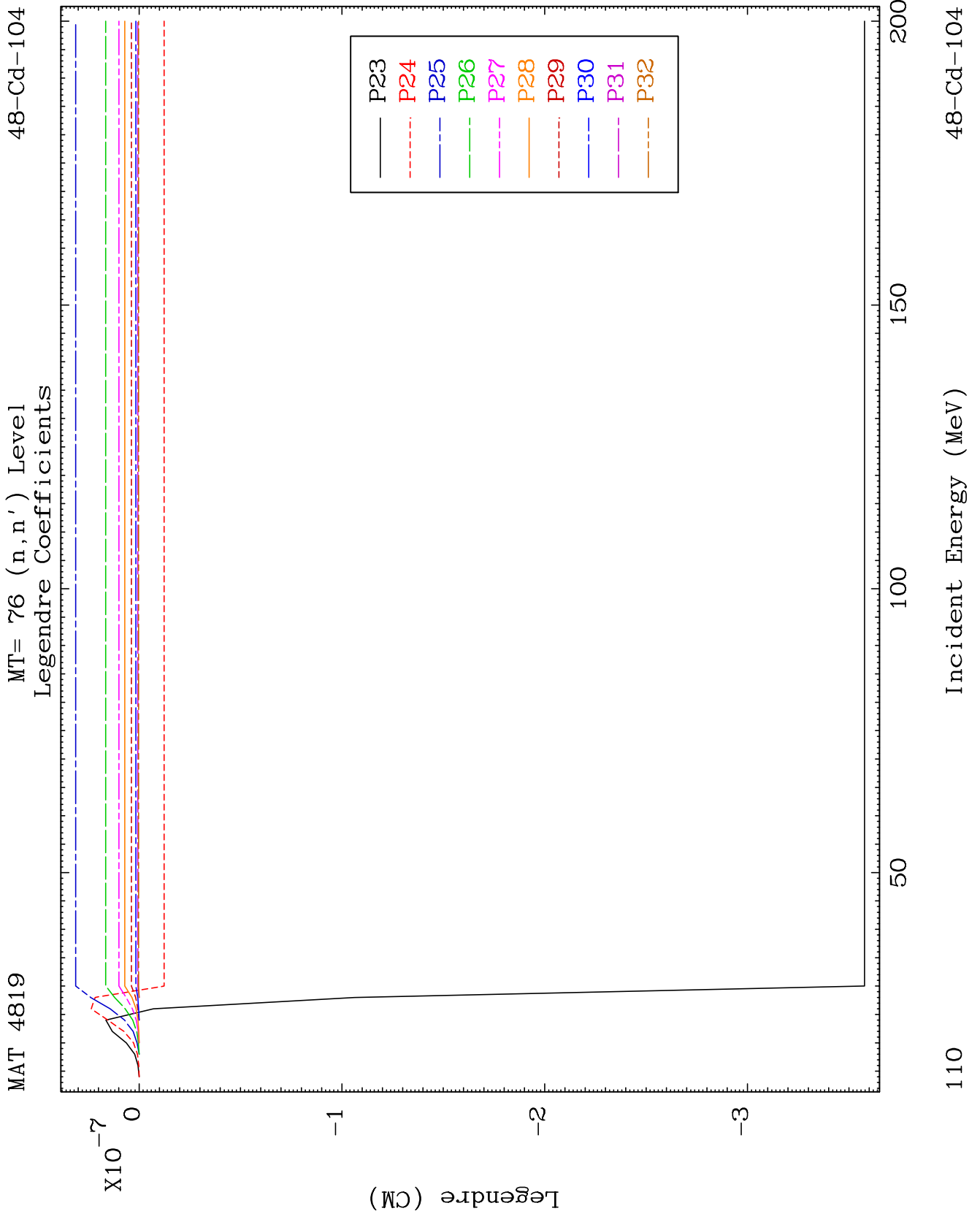


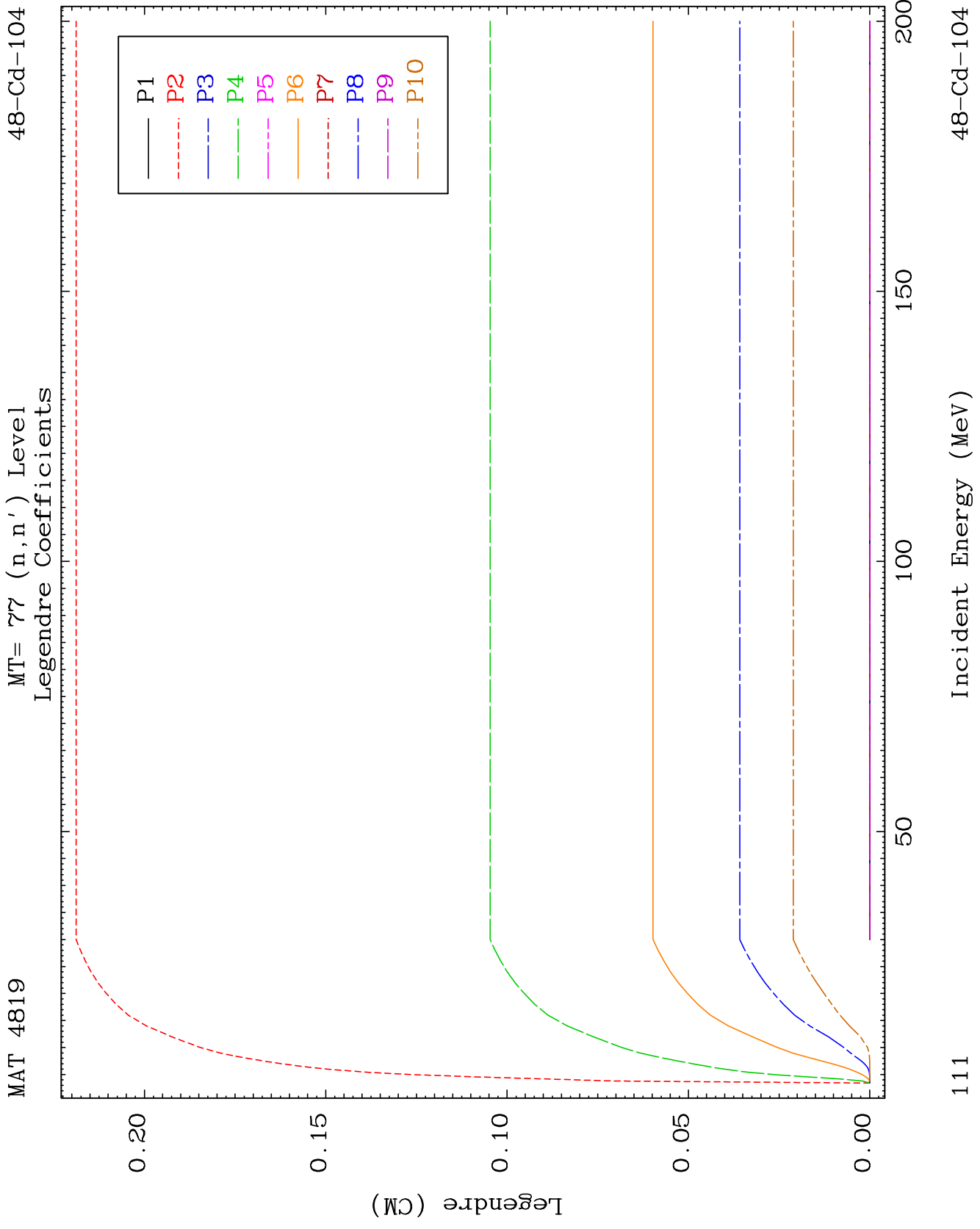
108

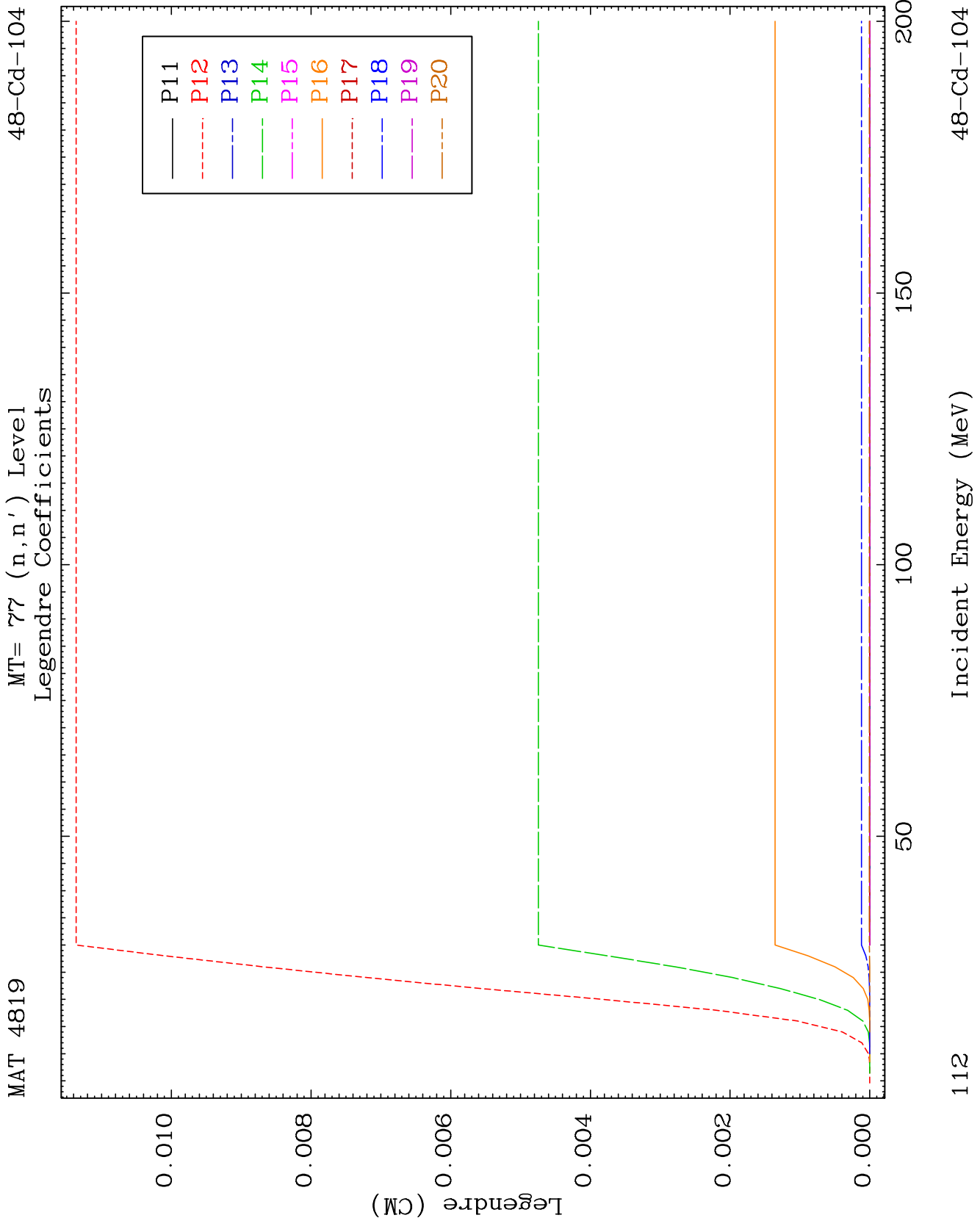
Incident Energy (MeV)

48-Cd-104





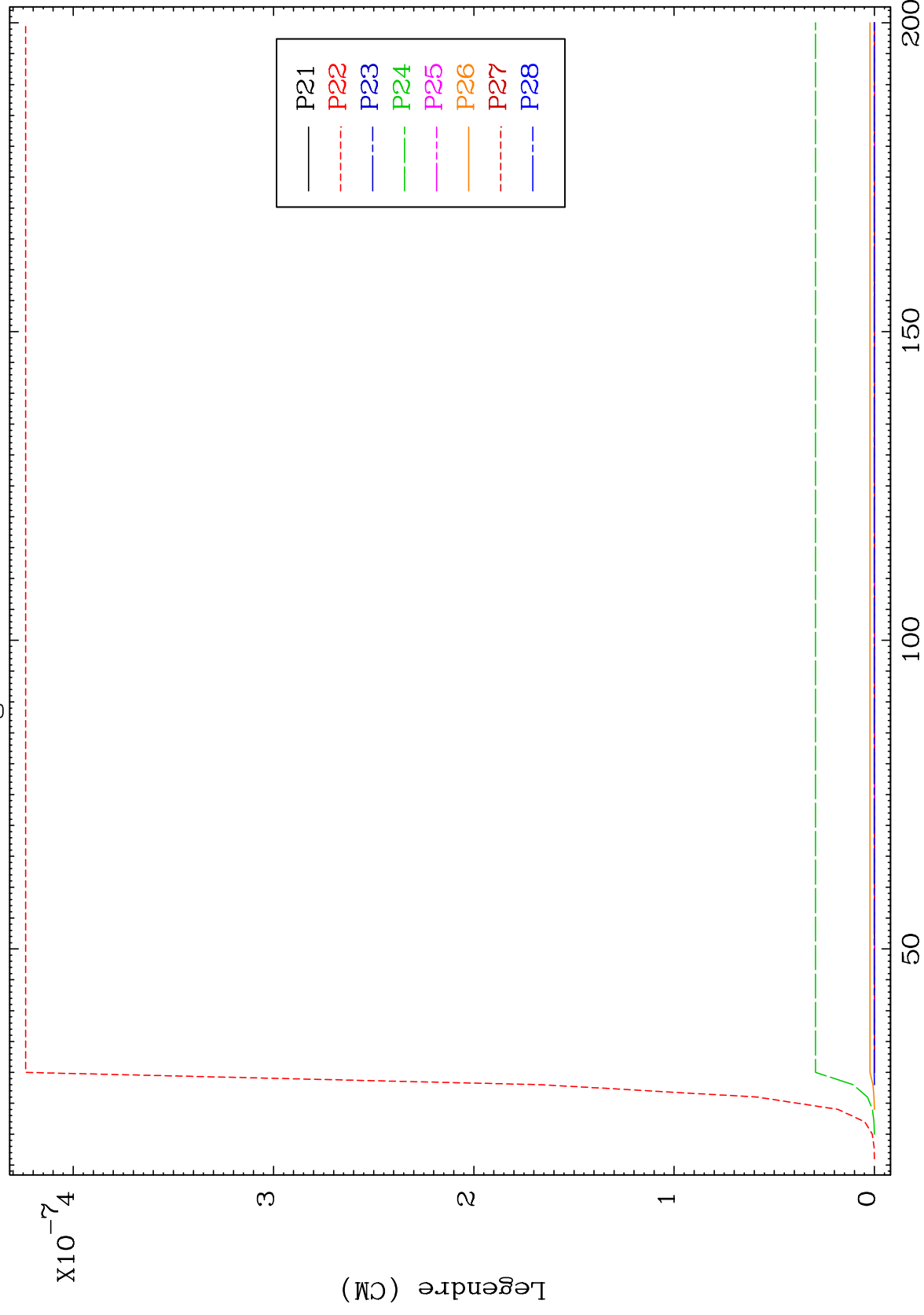




MAT 4819

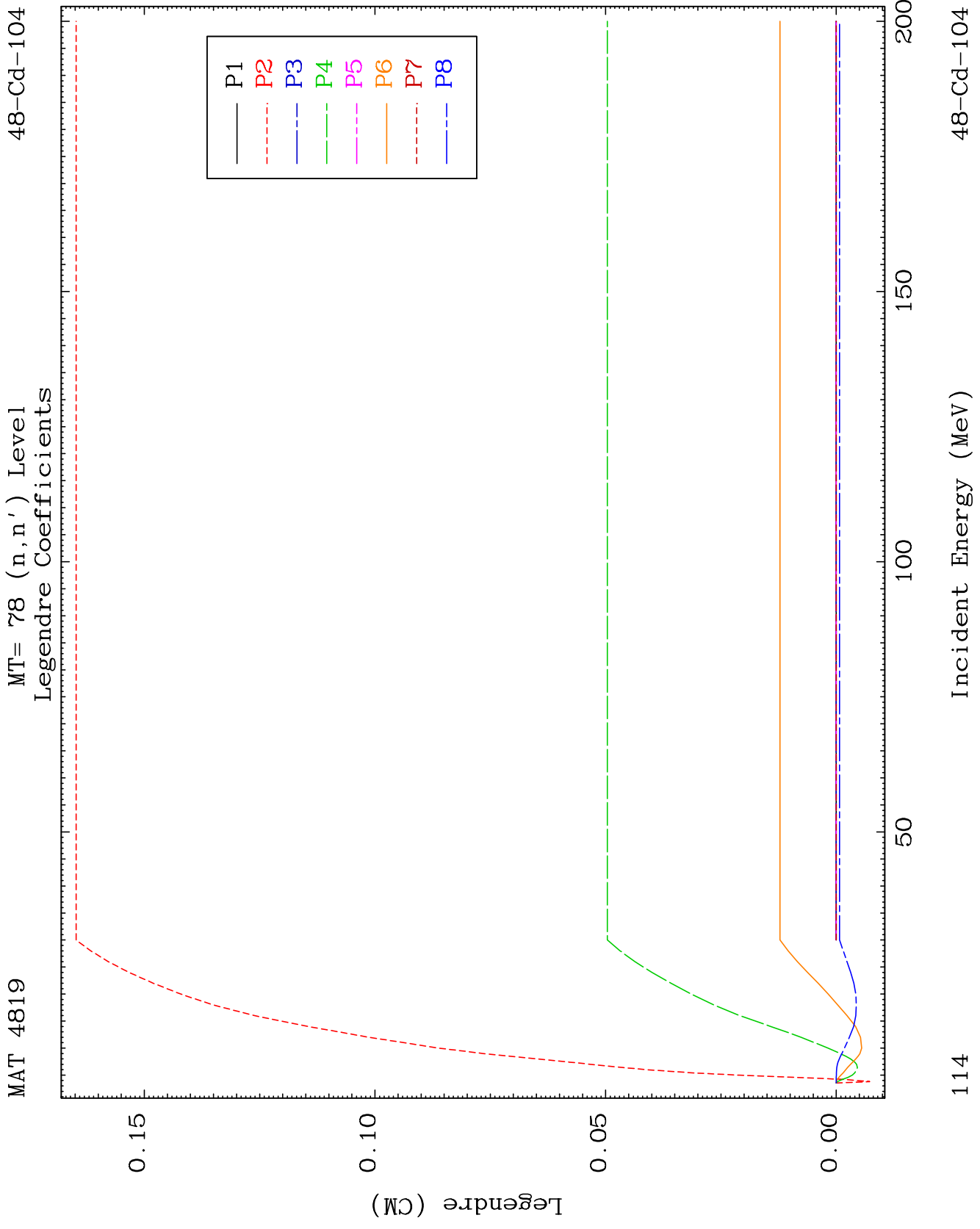
MT= 77 (n,n') Level
Legendre Coefficients

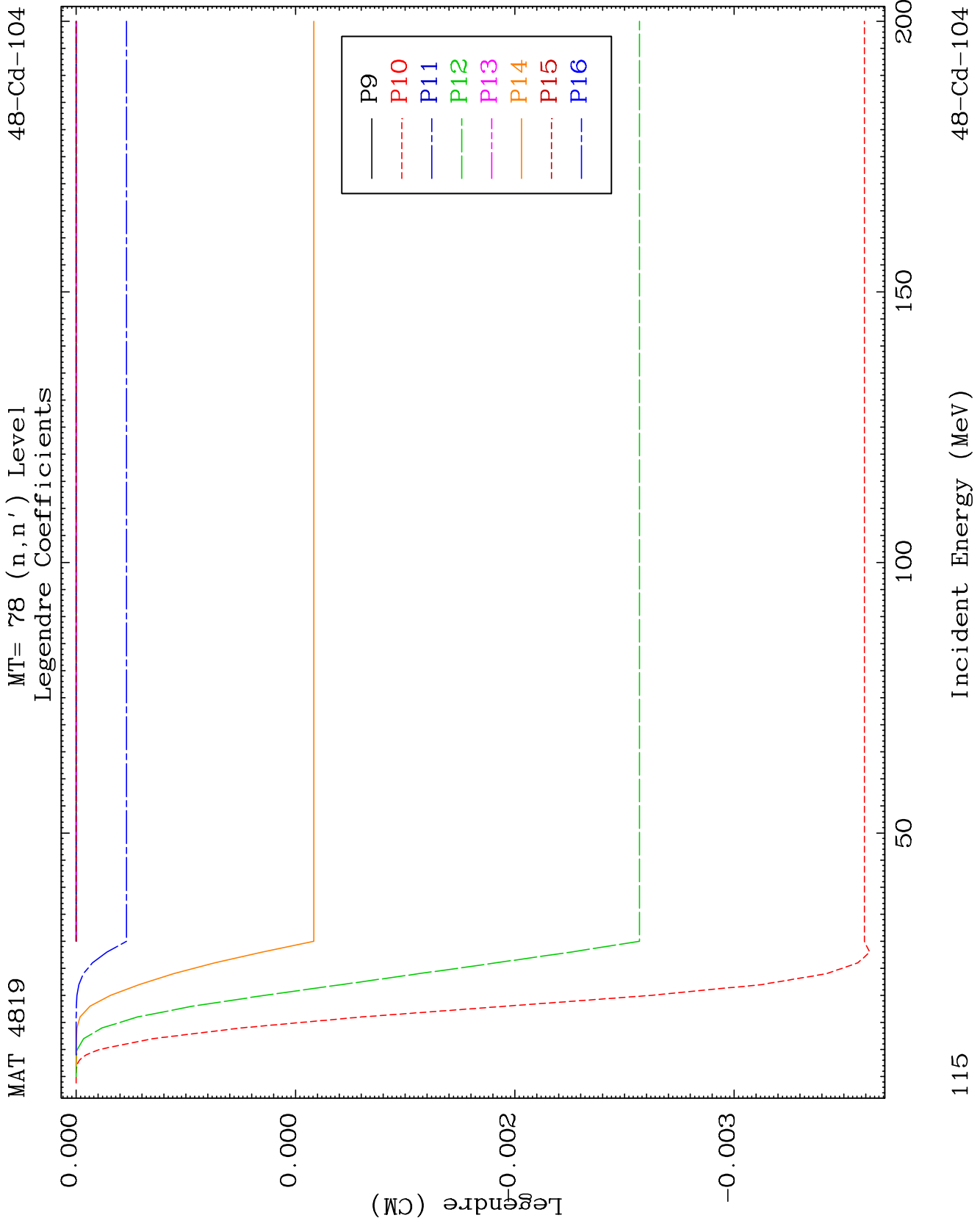
48-Cd-104

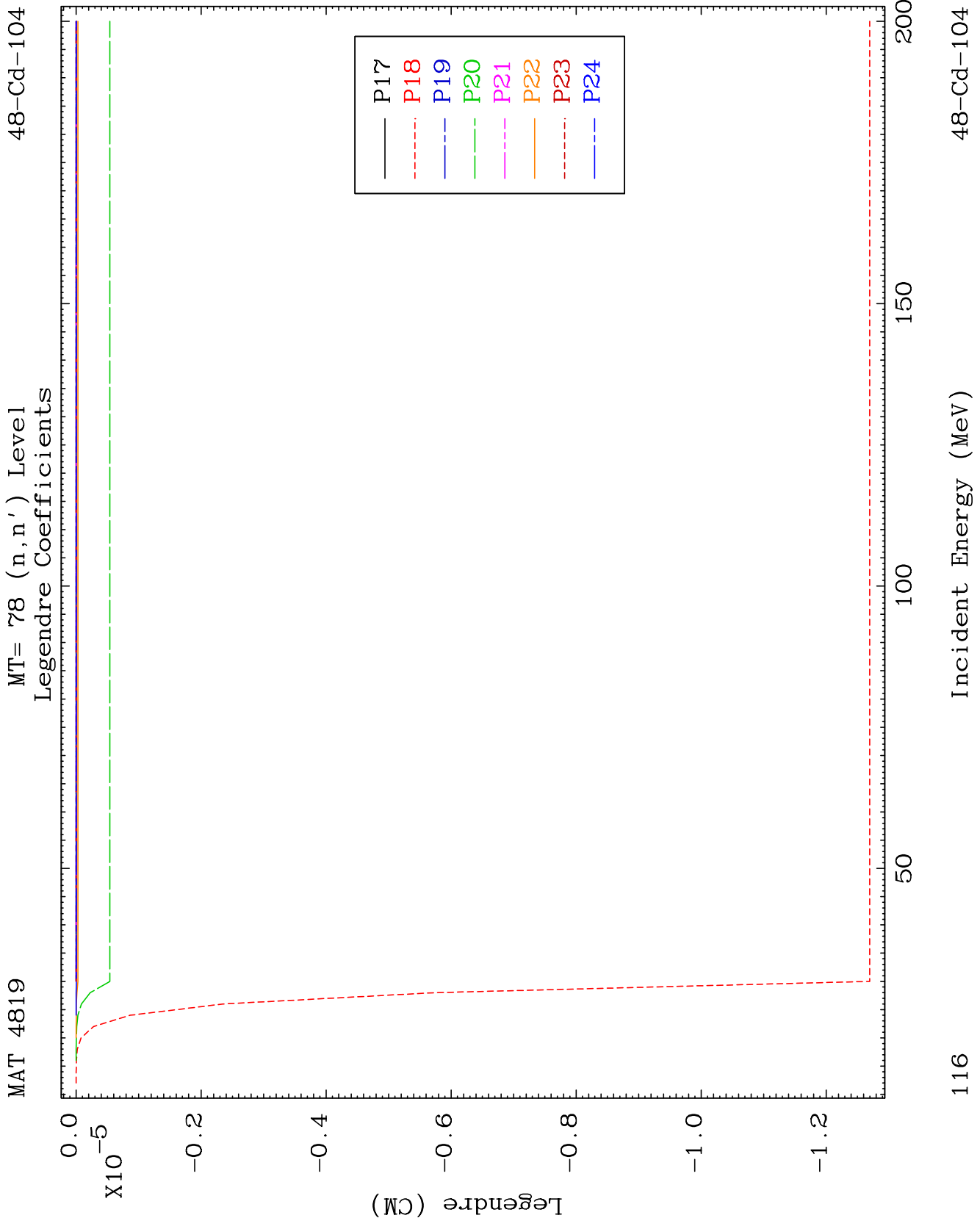


113

48-Cd-104



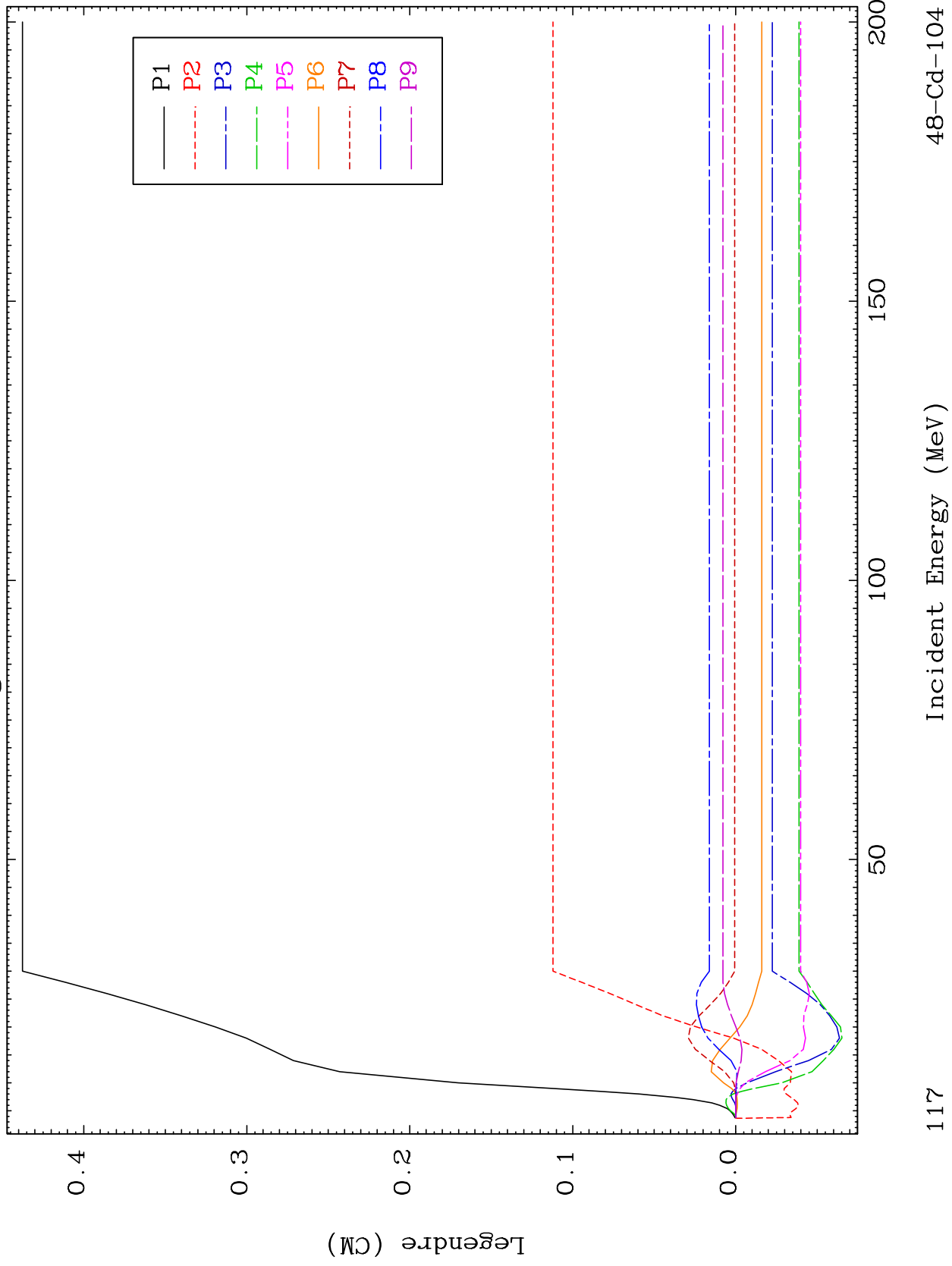




MAT 4819

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

48-Cd-104



117

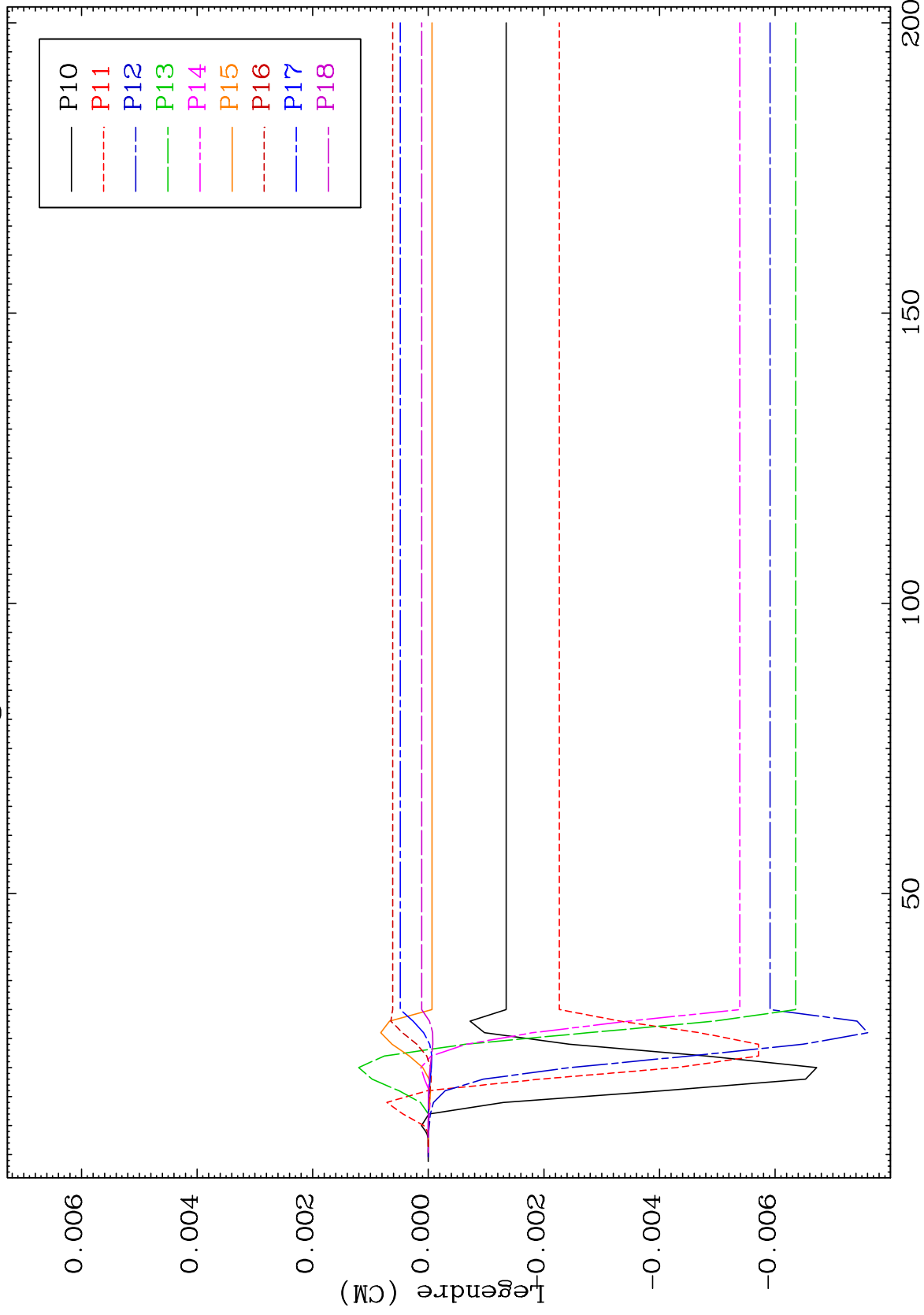
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



118

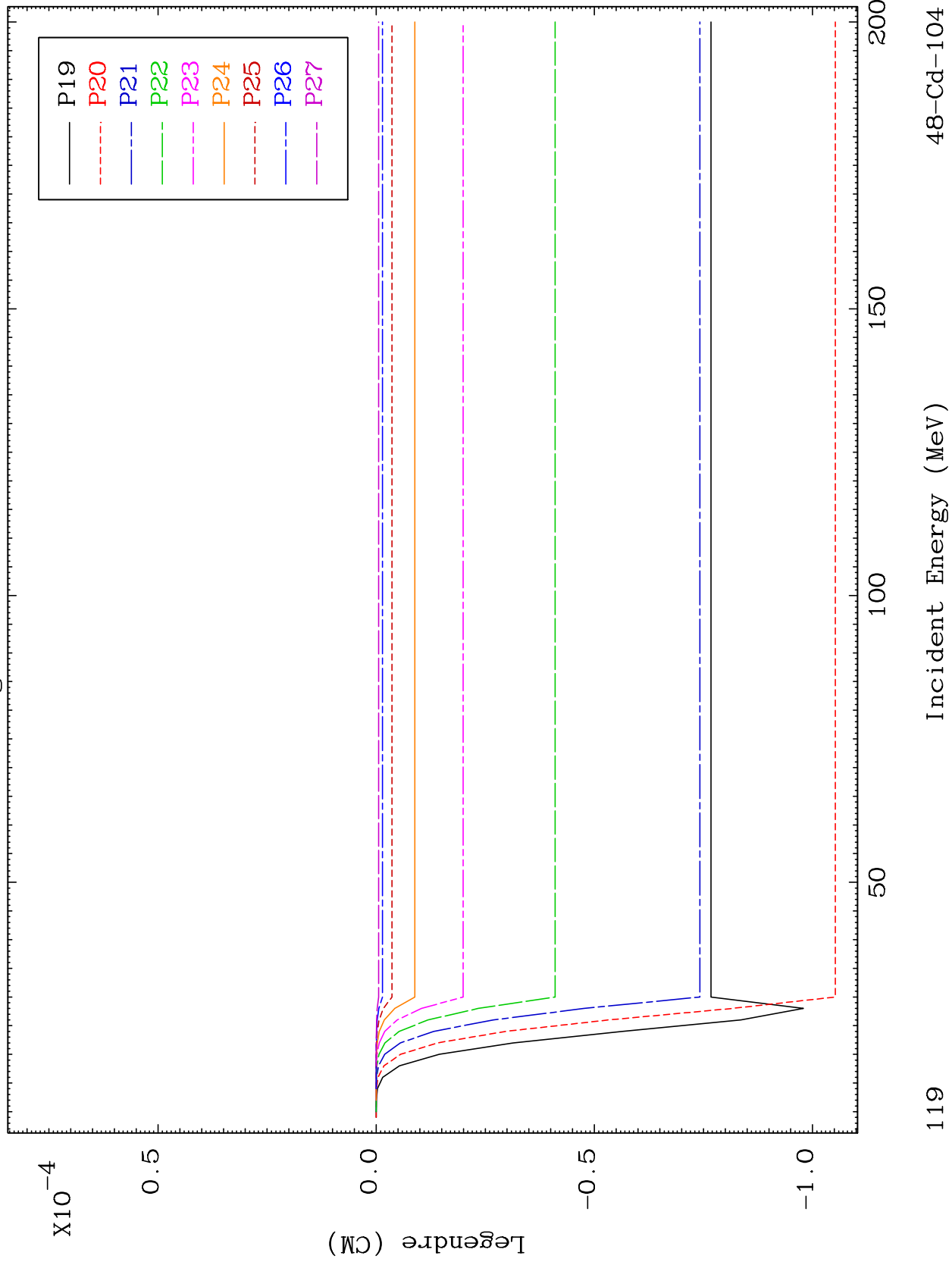
Incident Energy (MeV)

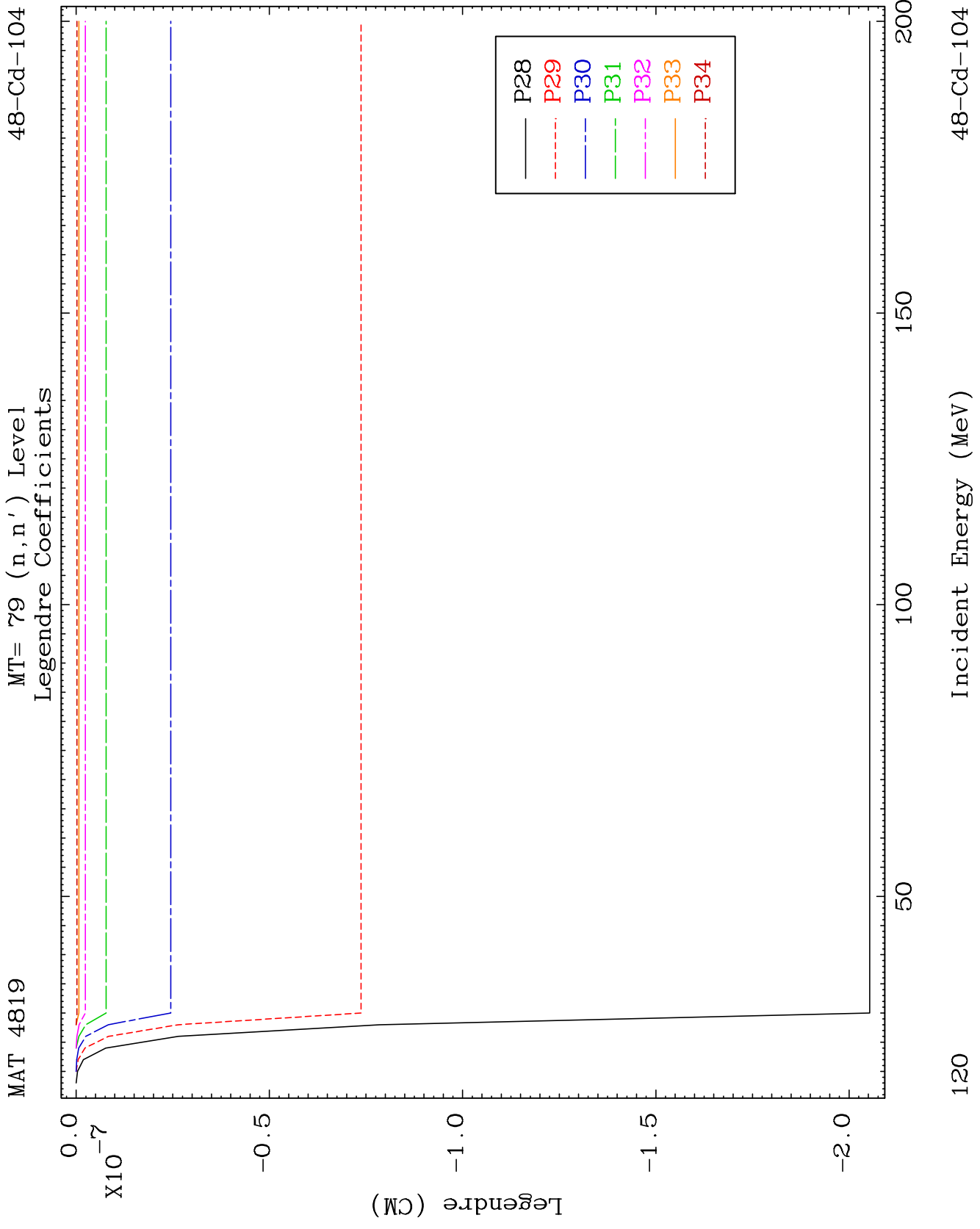
48-Cd-104

MAT 4819

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

48-Cd-104



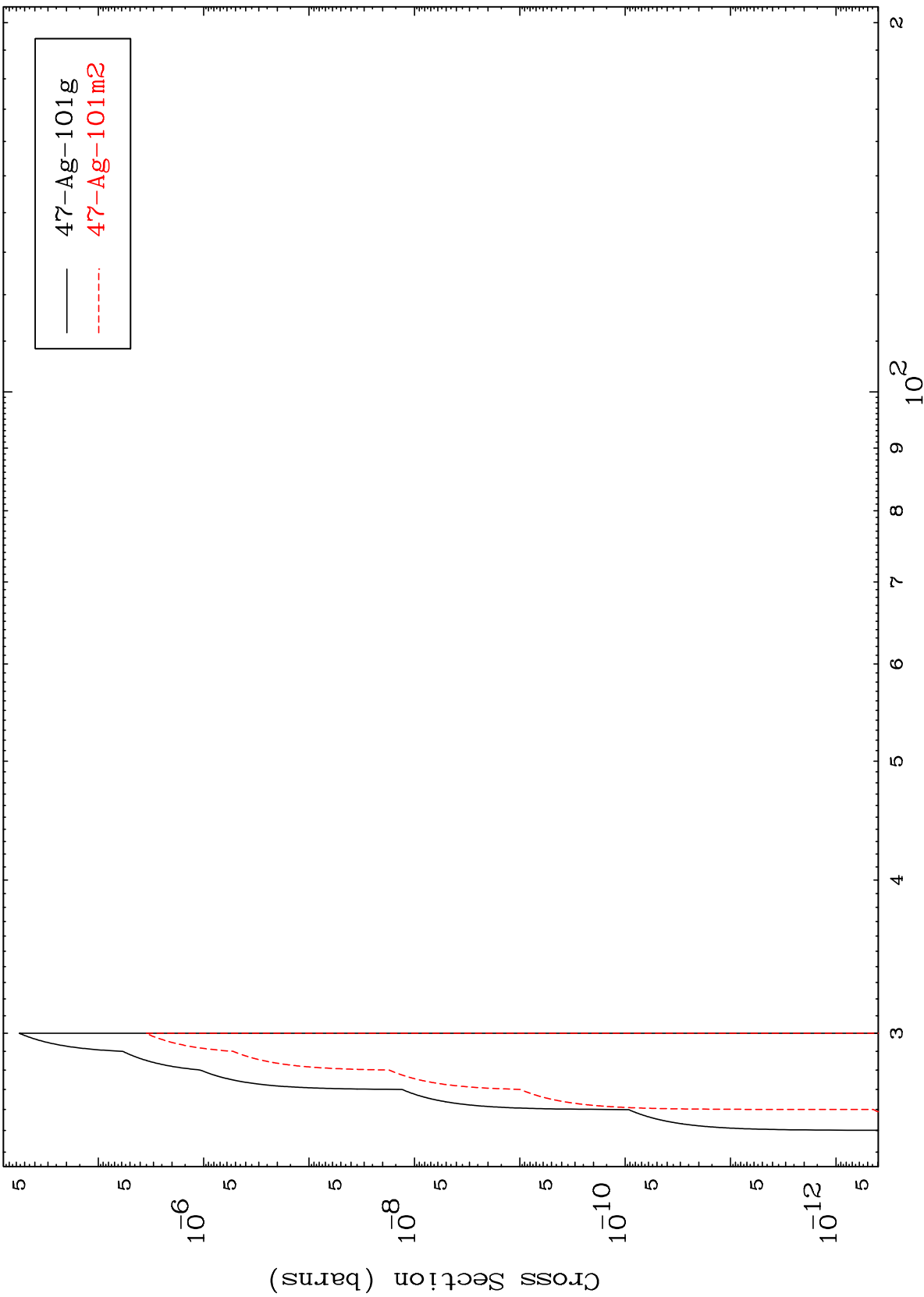


MAT 4819

(n,2n) d

48-Cd-104

Radionuclide Production Cross Section



121

Incident Energy (MeV)

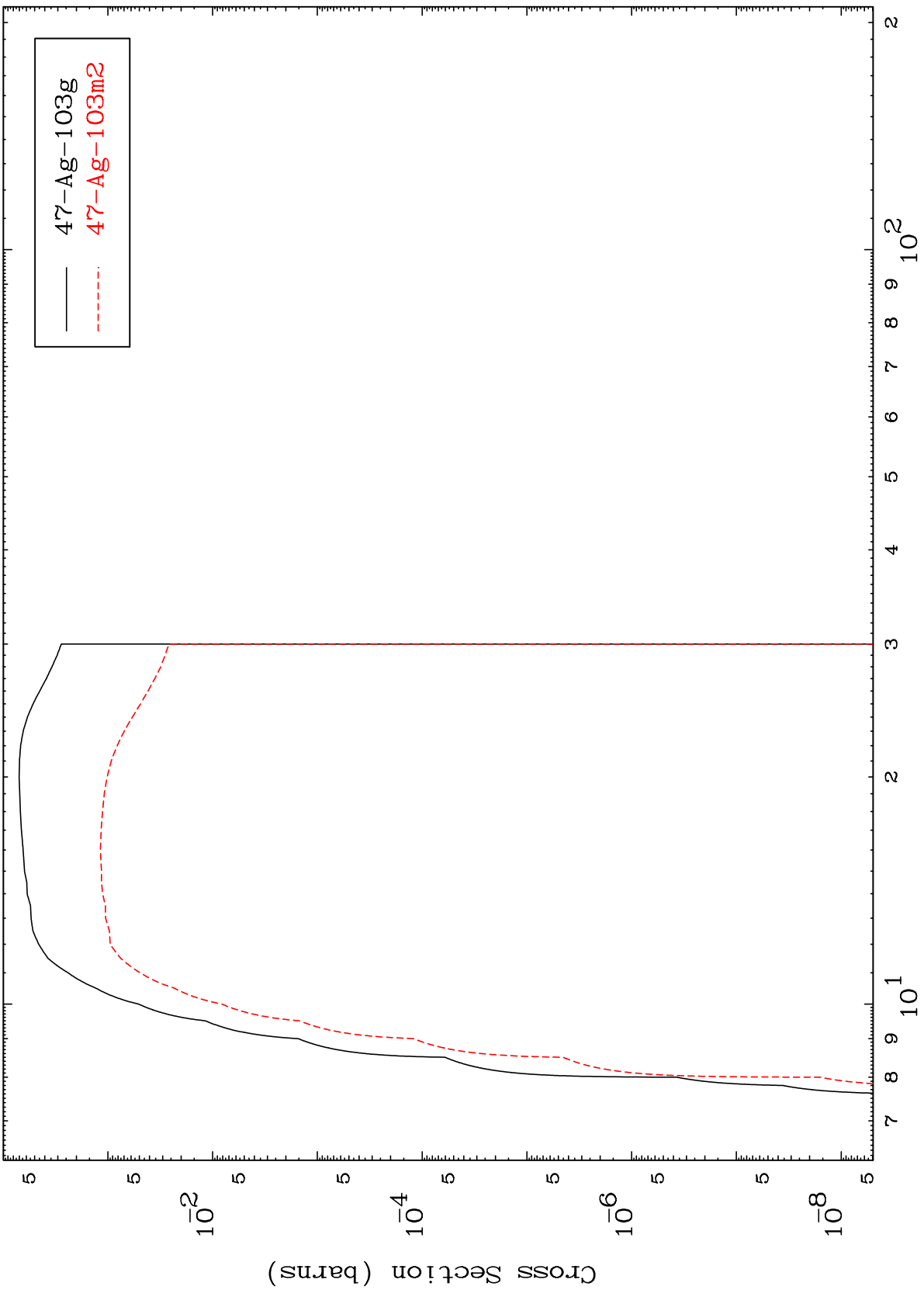
48-Cd-104

MAT 4819

(n,n') p

48-Cd-104

Radionuclide Production Cross Section



122

Incident Energy (MeV)

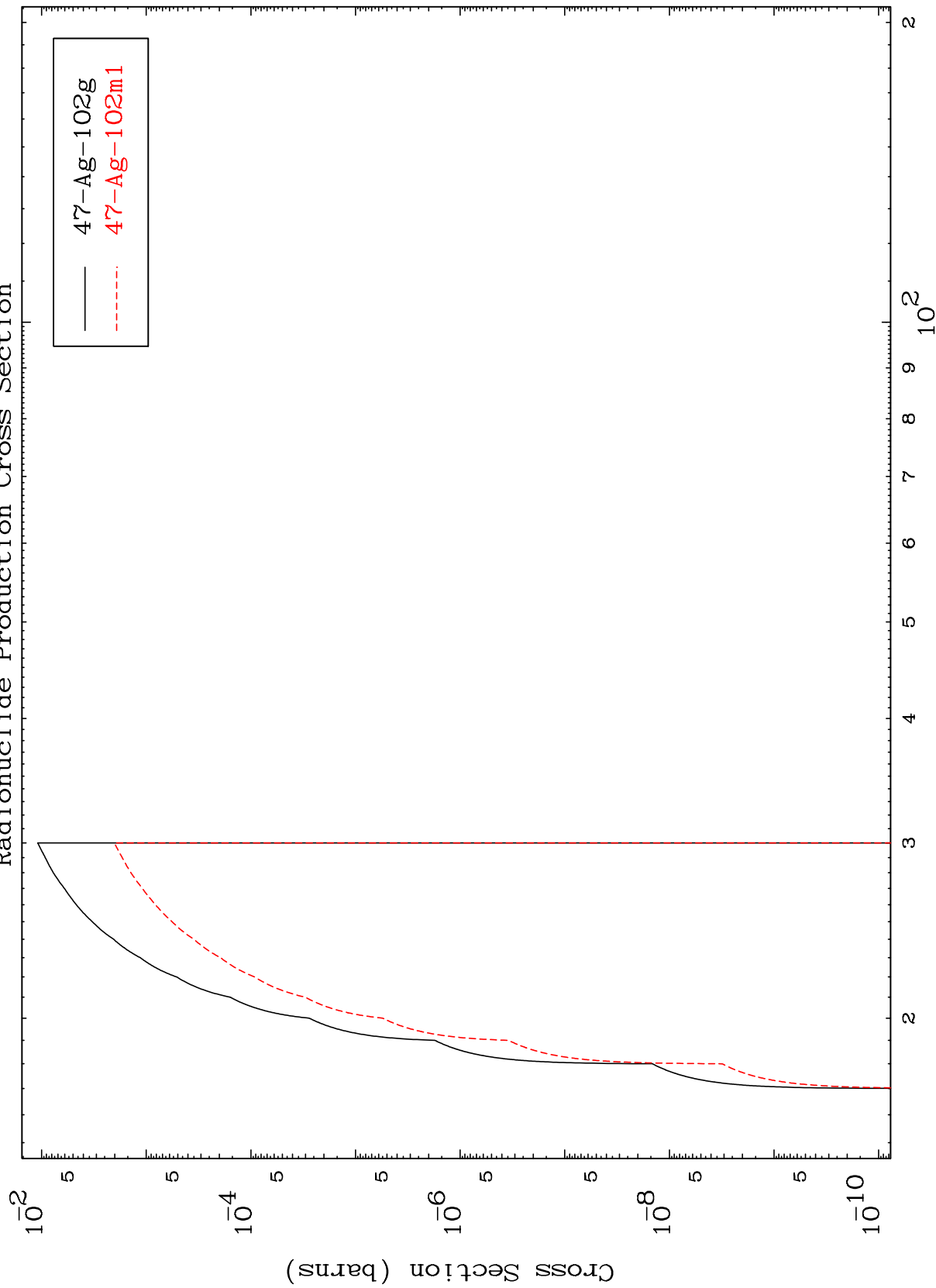
48-Cd-104

MAT 4819

(n,n') d

48-Cd-104

Radionuclide Production Cross Section



123

Incident Energy (MeV)

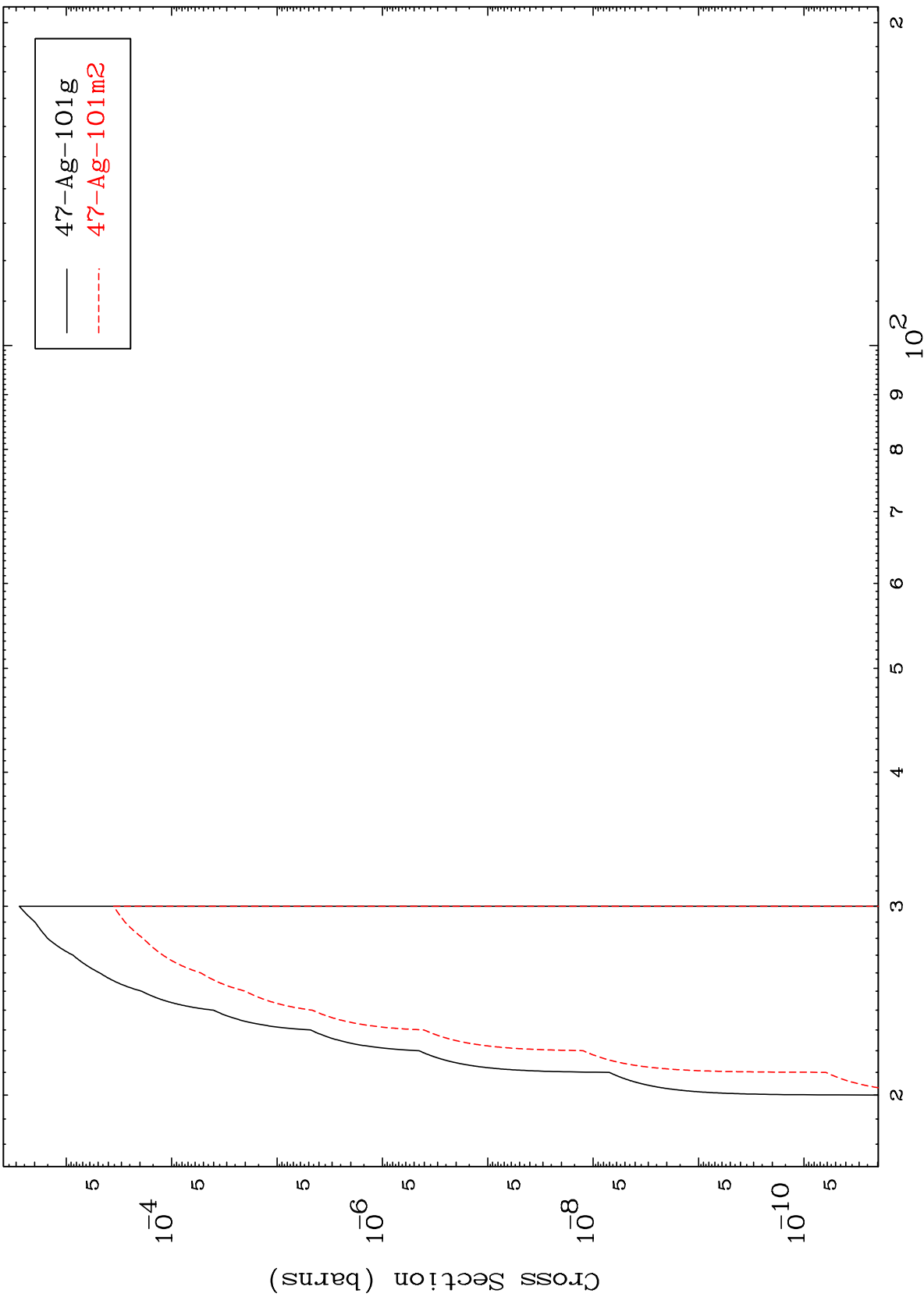
48-Cd-104

MAT 4819

(n,n') t

48-Cd-104

Radionuclide Production Cross Section



124

Incident Energy (MeV)

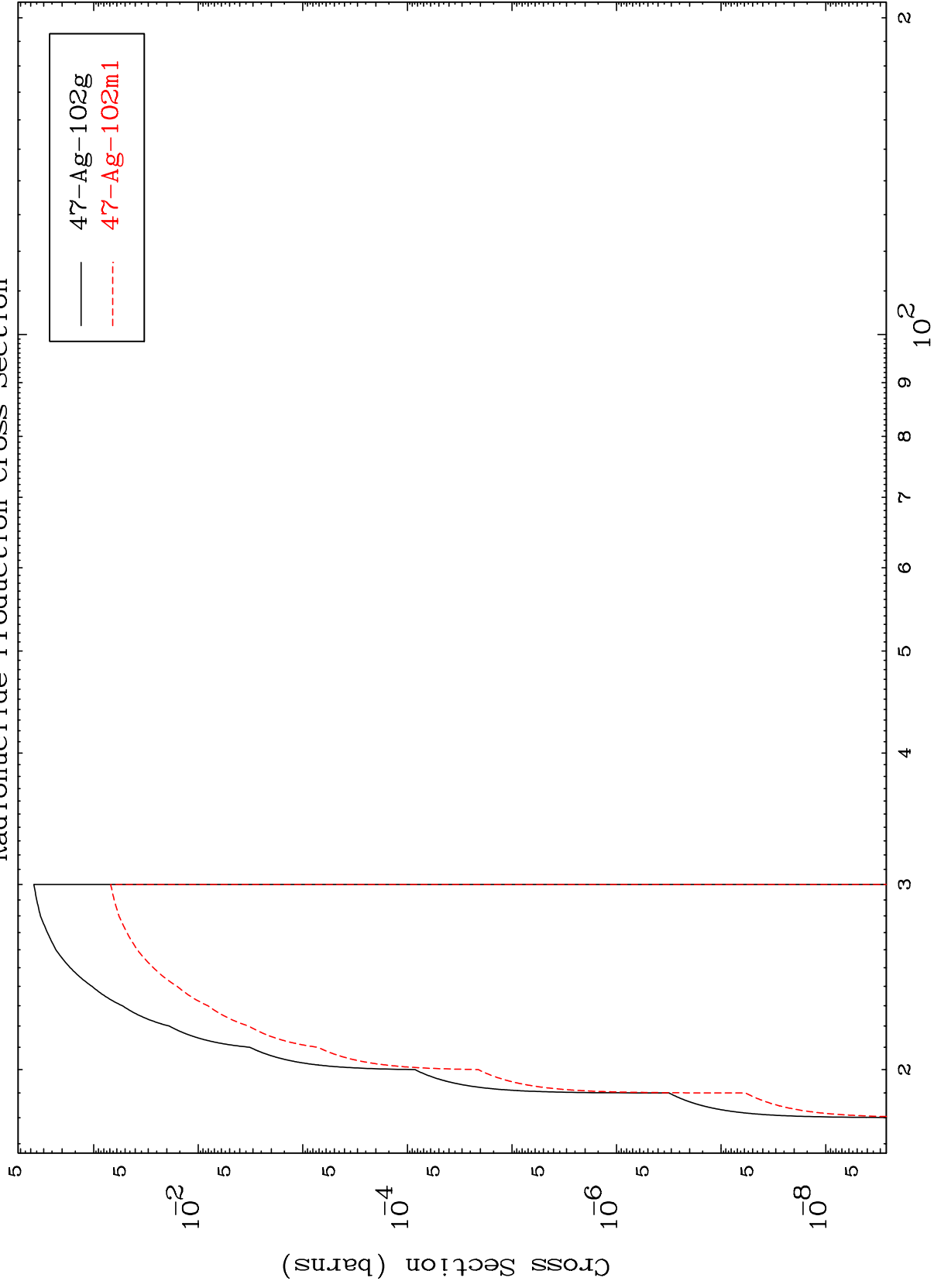
48-Cd-104

MAT 4819

(n,2n) p

48-Cd-104

Radionuclide Production Cross Section



125

Incident Energy (MeV)

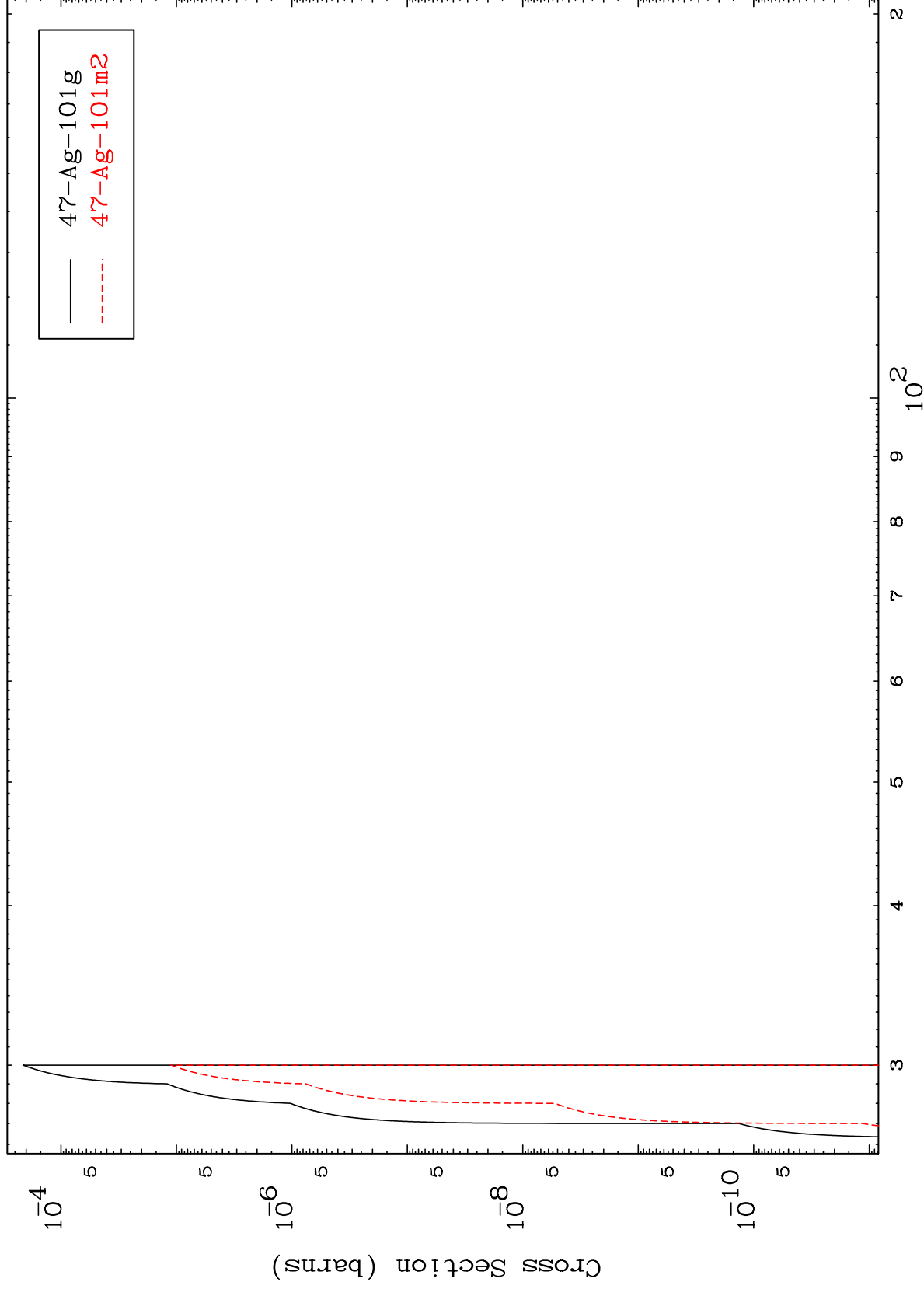
48-Cd-104

MAT 4819

(n,3n) p

48-Cd-104

Radionuclide Production Cross Section



126

Incident Energy (MeV)

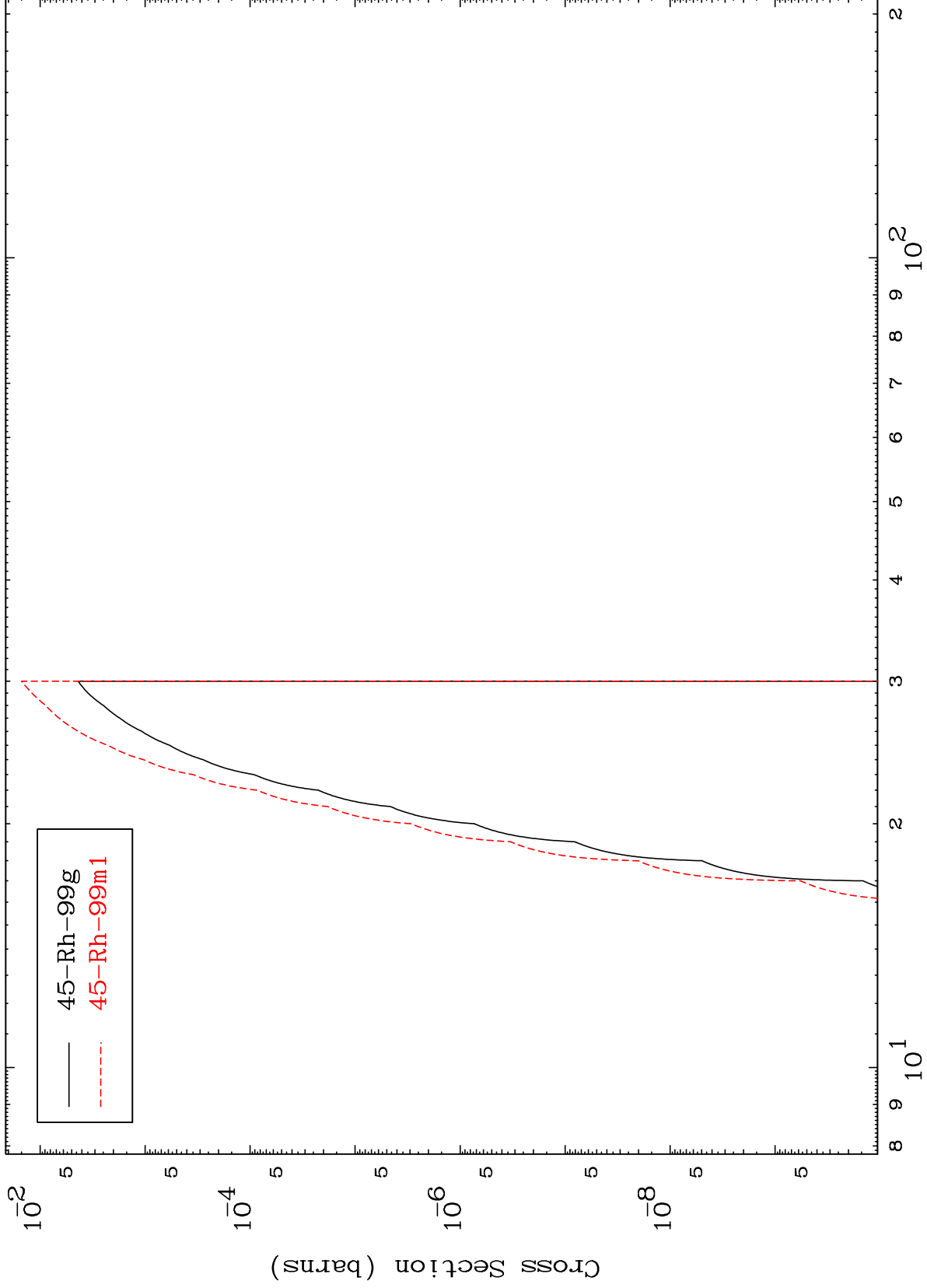
48-Cd-104

MAT 4819

(n,n') p α

48-Cd-104

Radionuclide Production Cross Section



127

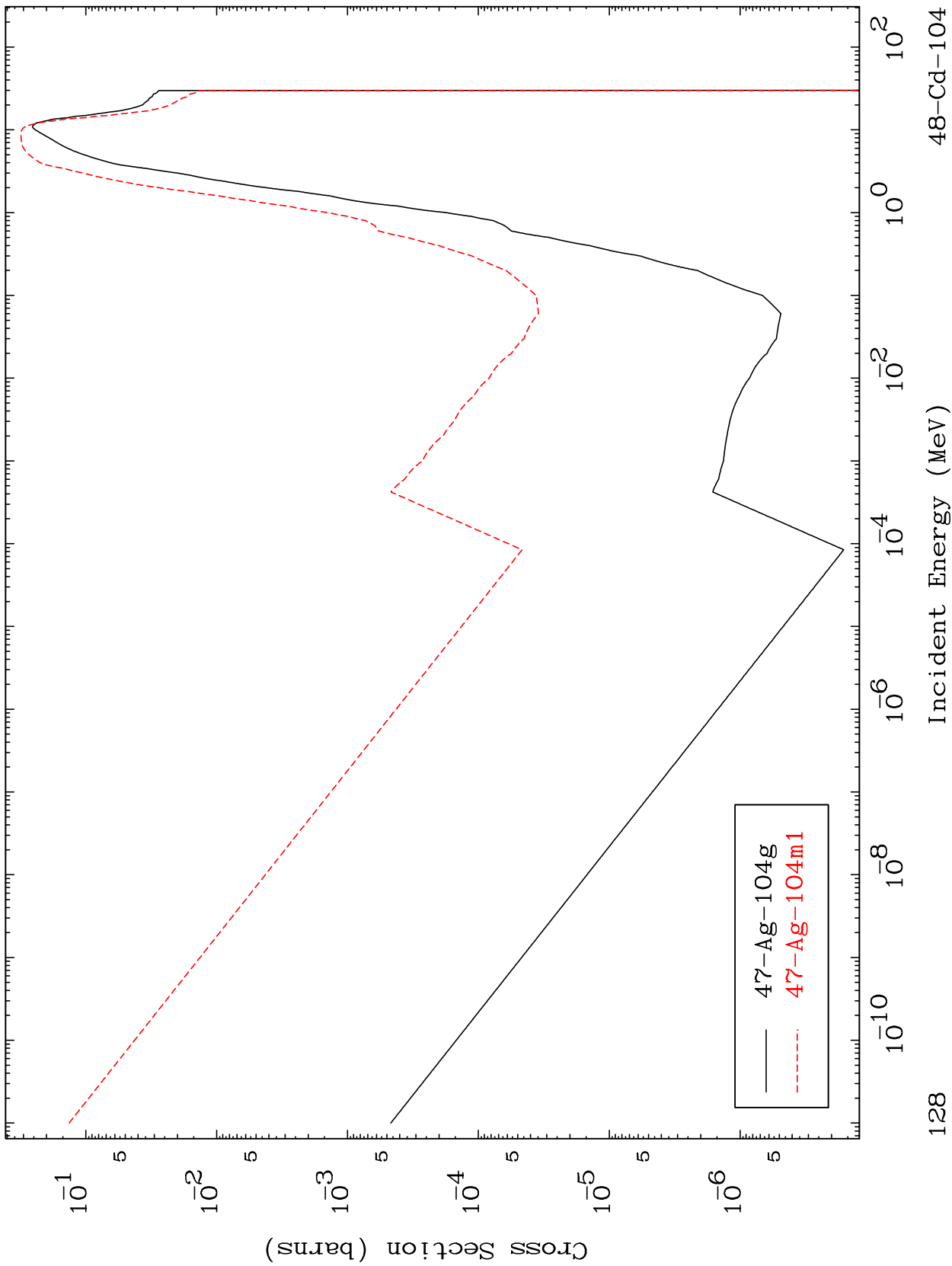
Incident Energy (MeV)

48-Cd-104

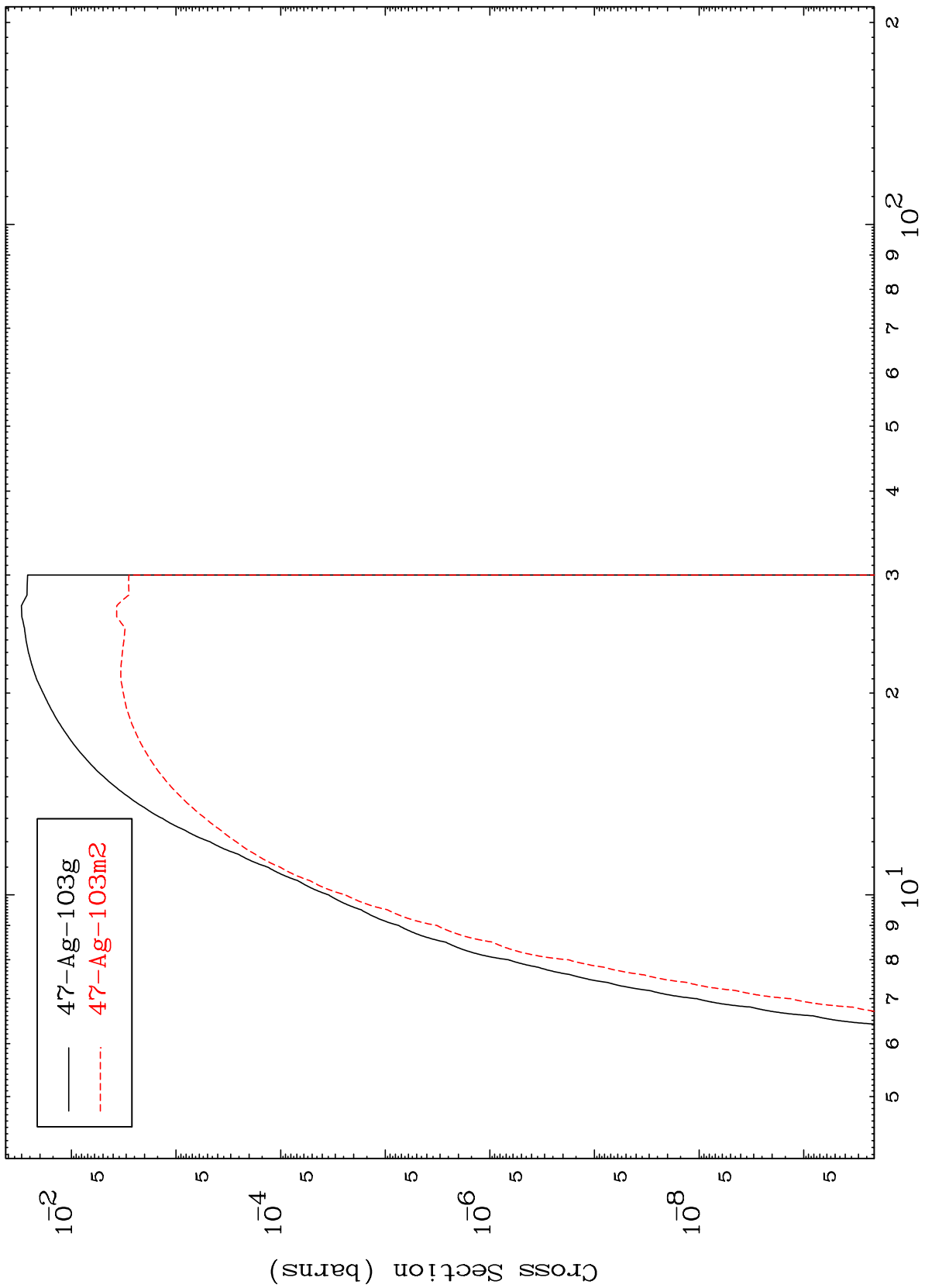
MAT 4819

48-Cd-104

(n,p)
Radionuclide Production Cross Section



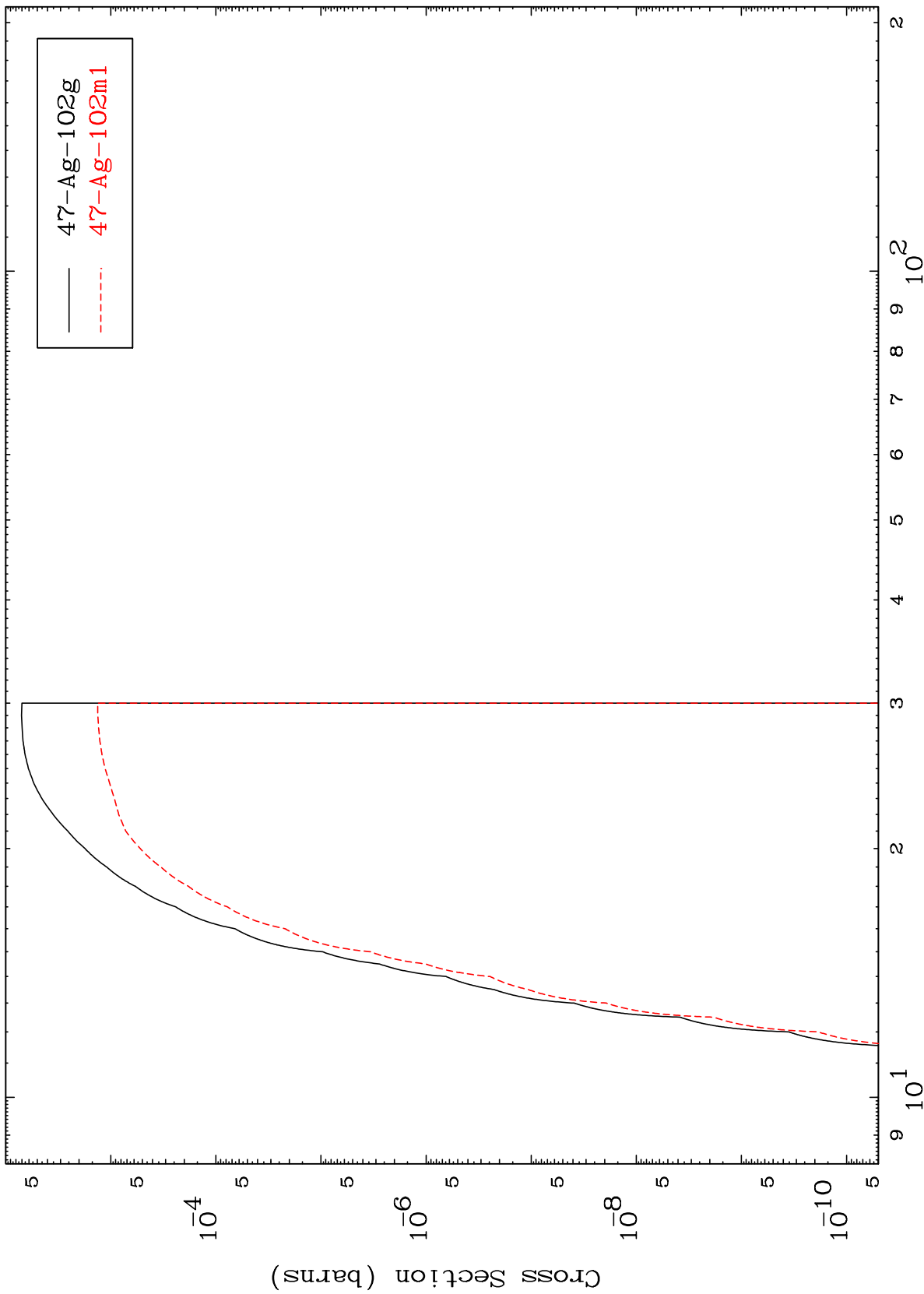
(n,d)
Radionuclide Production Cross Section



MAT 4819

48-Cd-104

(n,t)
Radionuclide Production Cross Section



130

Incident Energy (MeV)

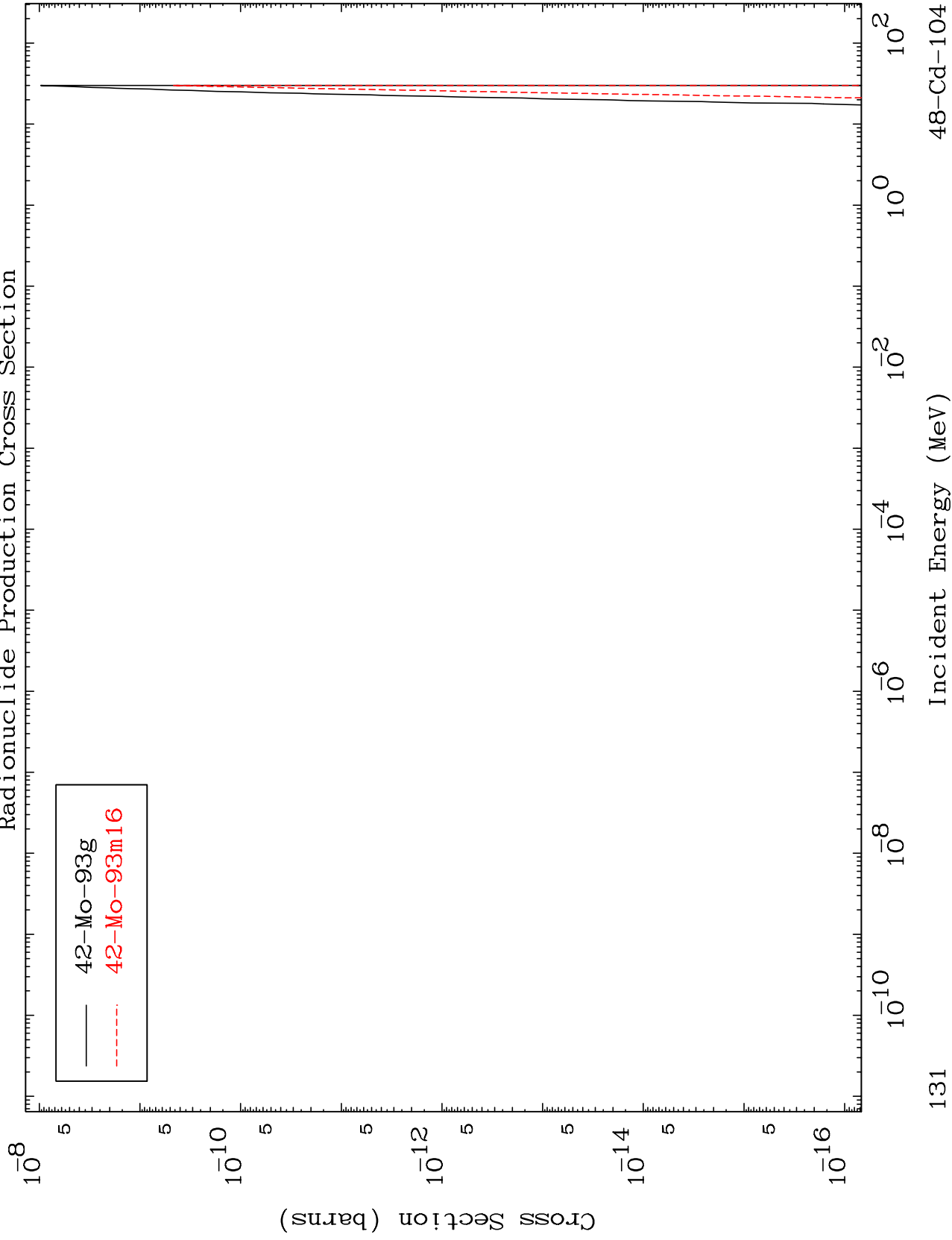
48-Cd-104

MAT 4819

(n, 3 α)

48-Cd-104

Radionuclide Production Cross Section

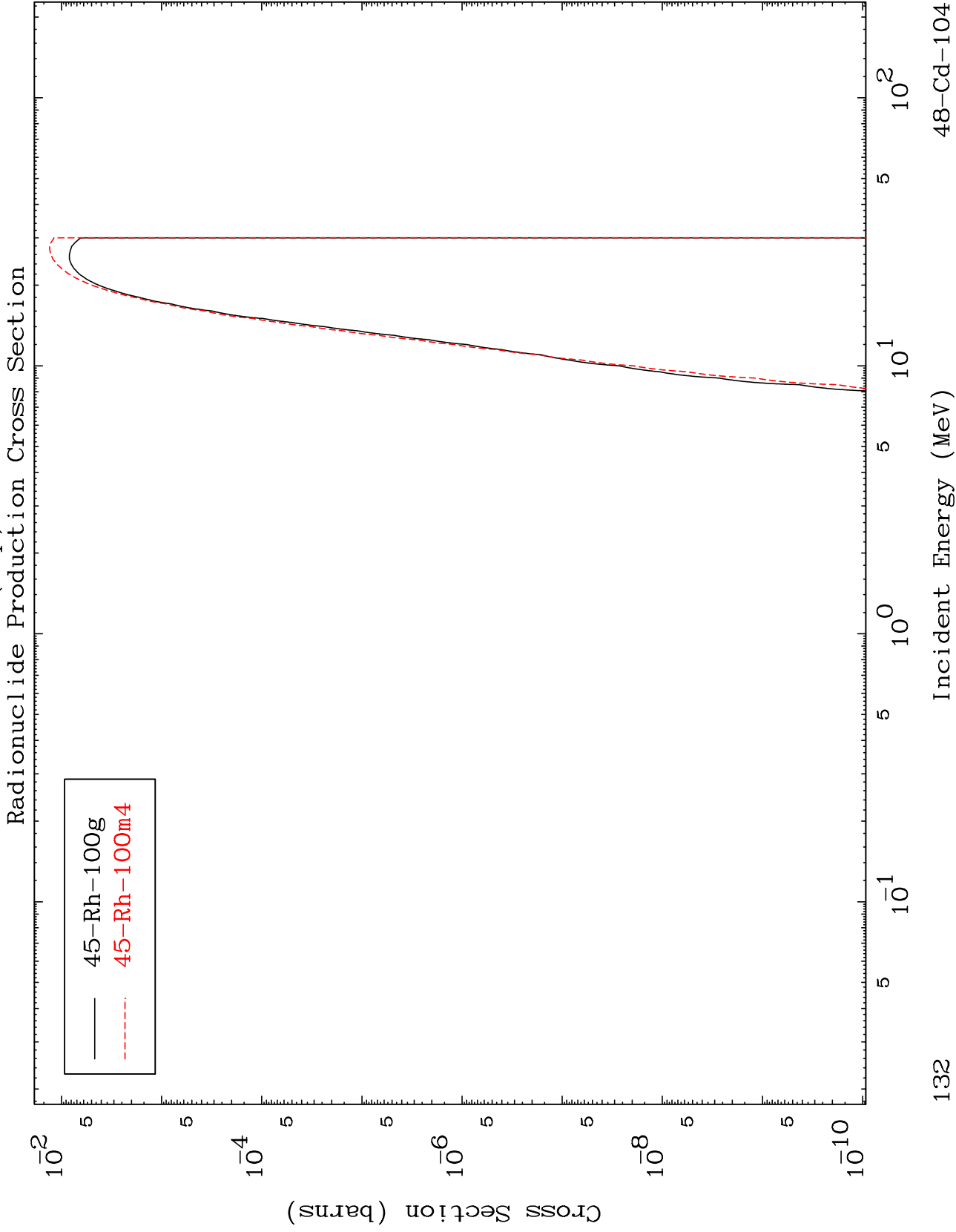


131

MAT 4819

(n,p) α

48-Cd-104



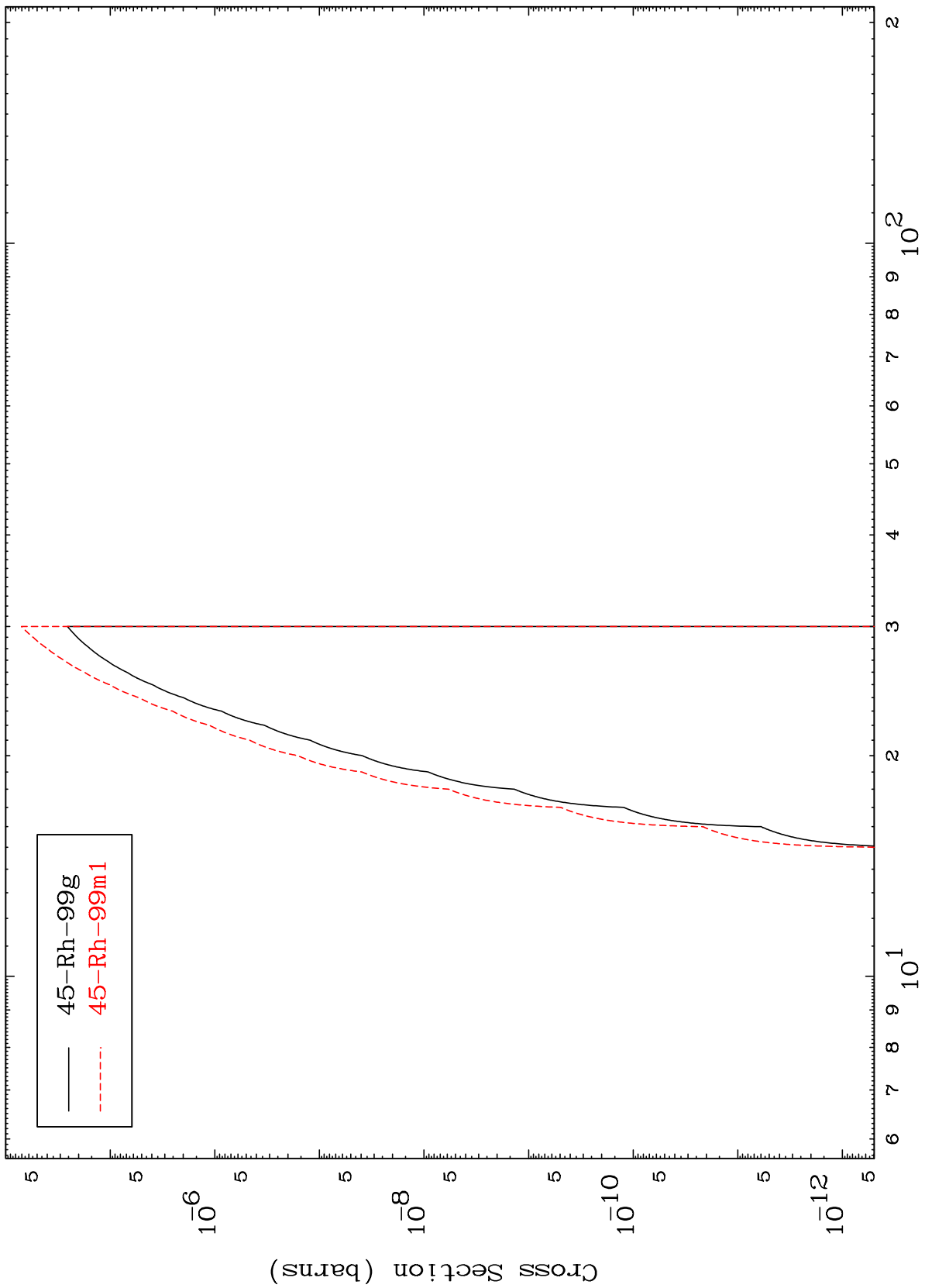
— 45-Rh-100g
- - - 45-Rh-100m4

MAT 4819

48-Cd-104

(n,d) α

Radionuclide Production Cross Section



45-Rh-99g
45-Rh-99m1

133

Incident Energy (MeV)

48-Cd-104