

Program EVALPLOT
(Version 2021-1)

by

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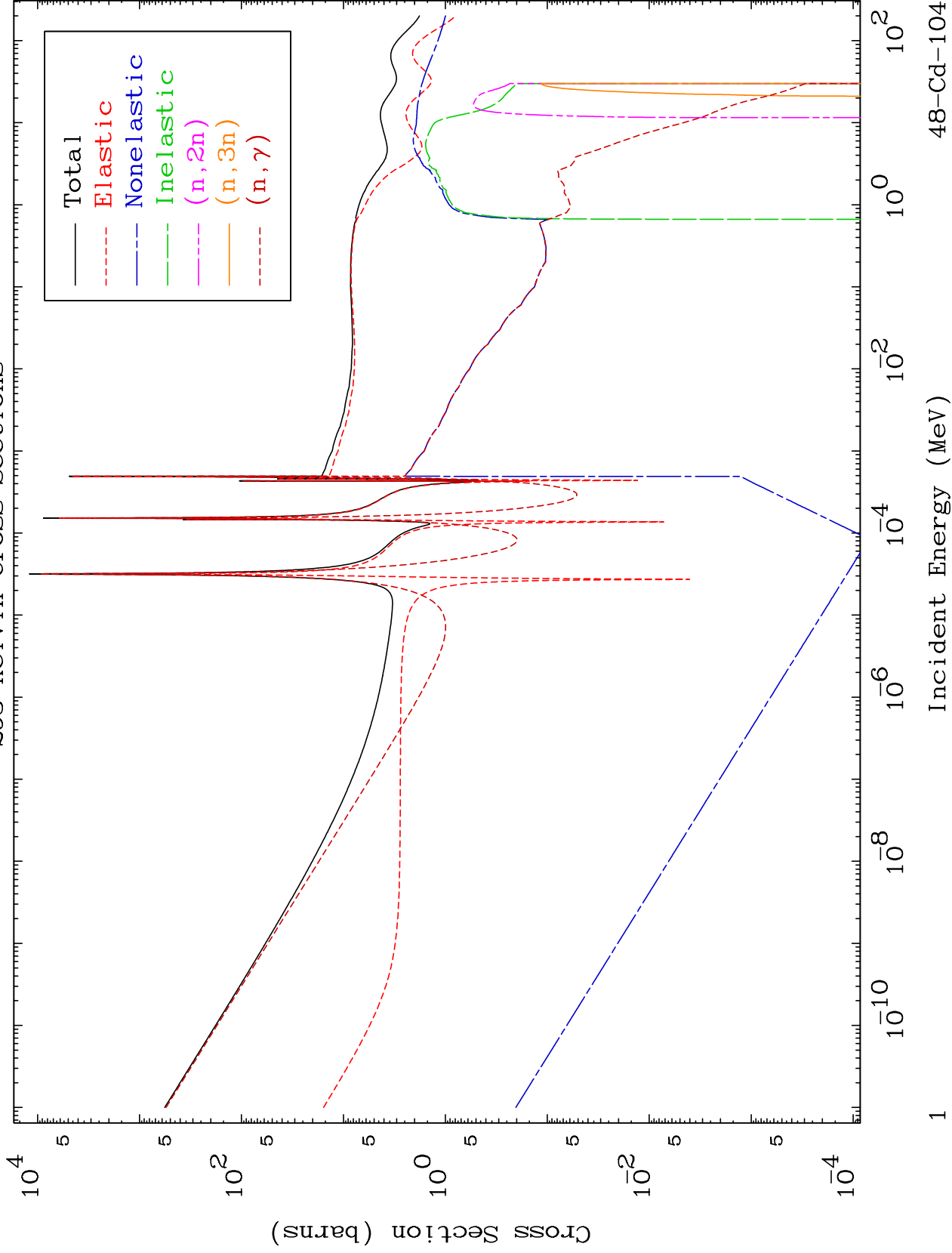
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4819

Neutron Major
293 Kelvin Cross Sections

48-Cd-104



1

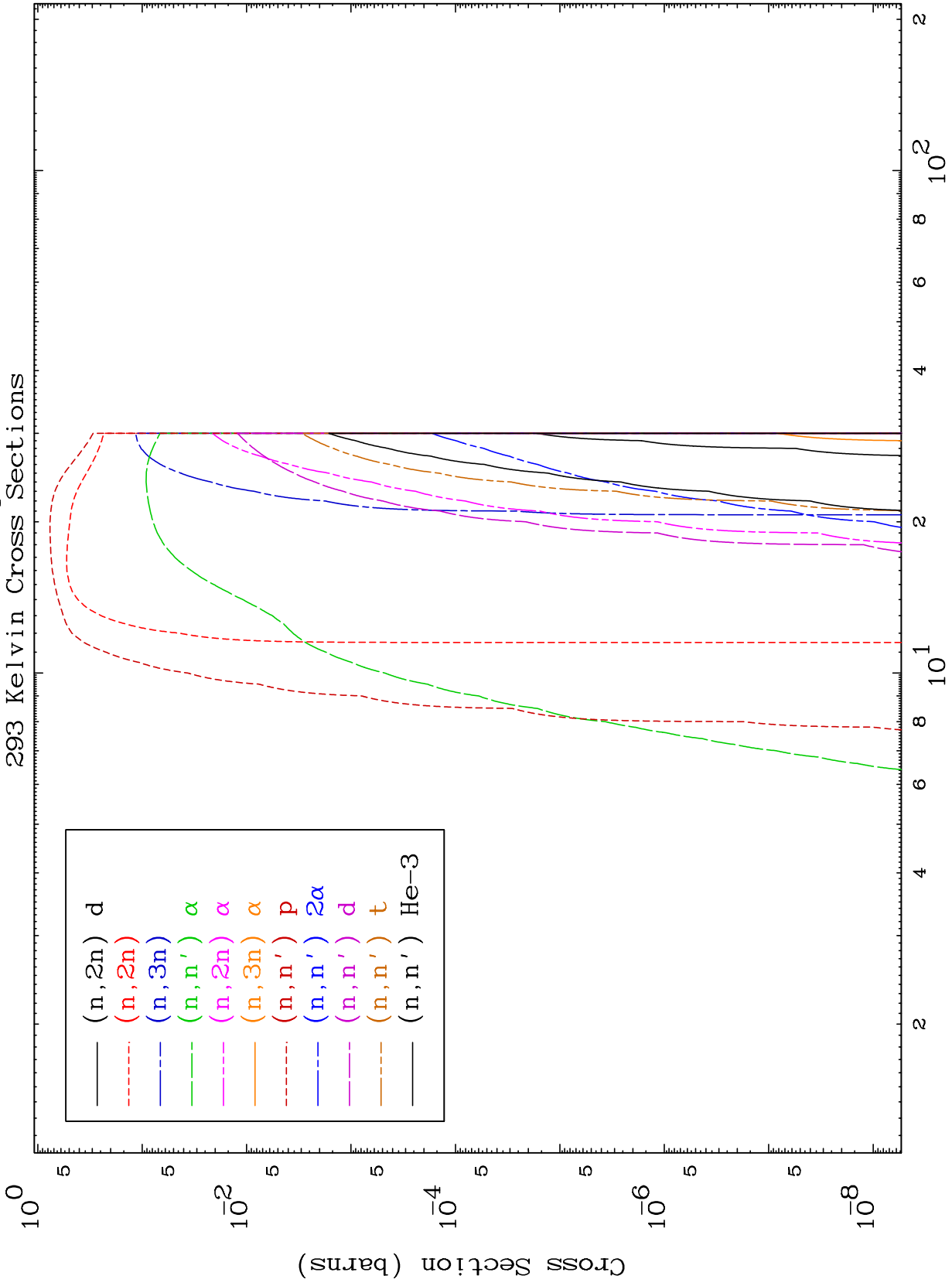
Incident Energy (MeV)

48-Cd-104

MAT 4819

Neutron Absorption
293 Kelvin Cross Sections

48-Cd-104



2

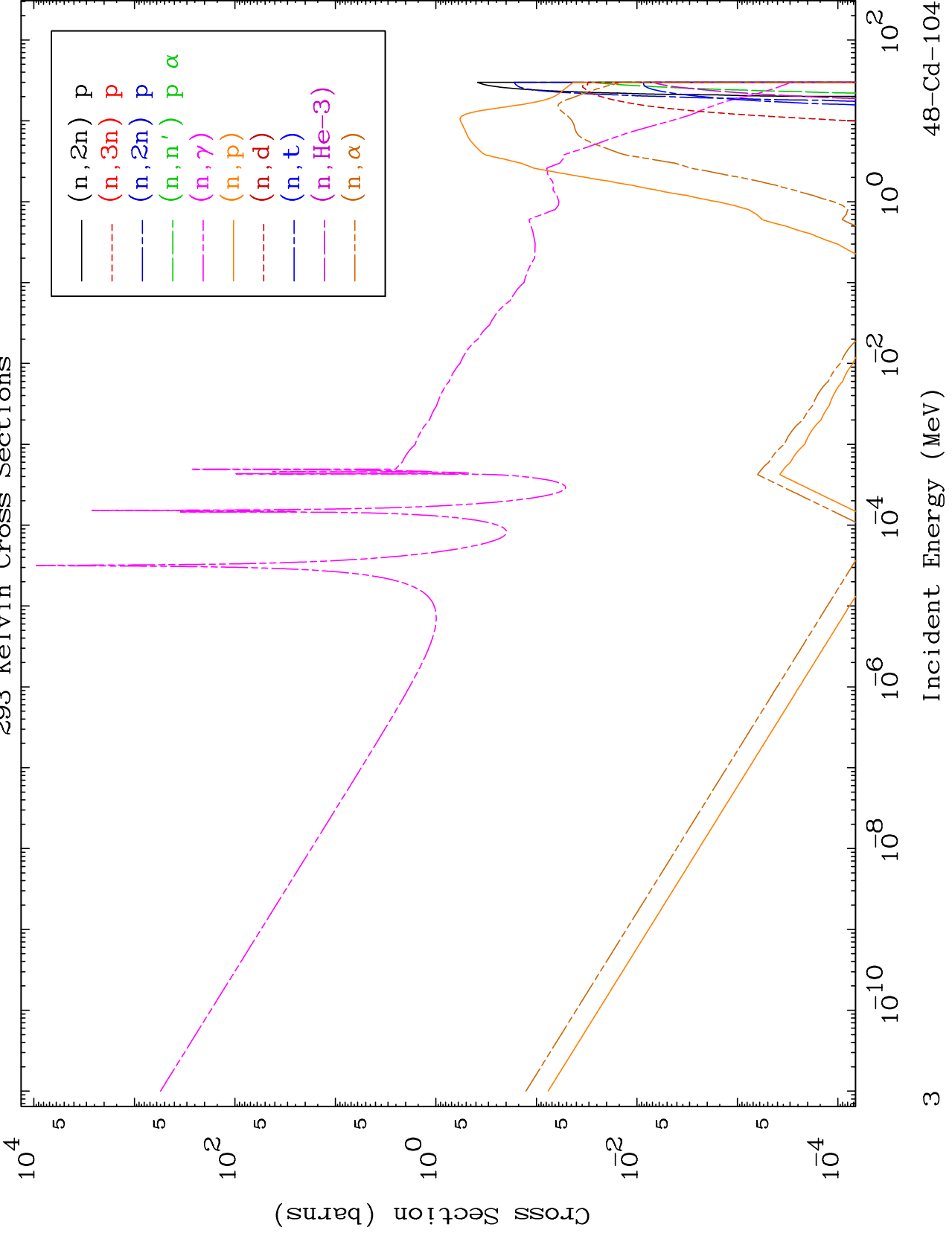
Incident Energy (MeV)

48-Cd-104

MAT 4819

Neutron Absorption
293 Kelvin Cross Sections

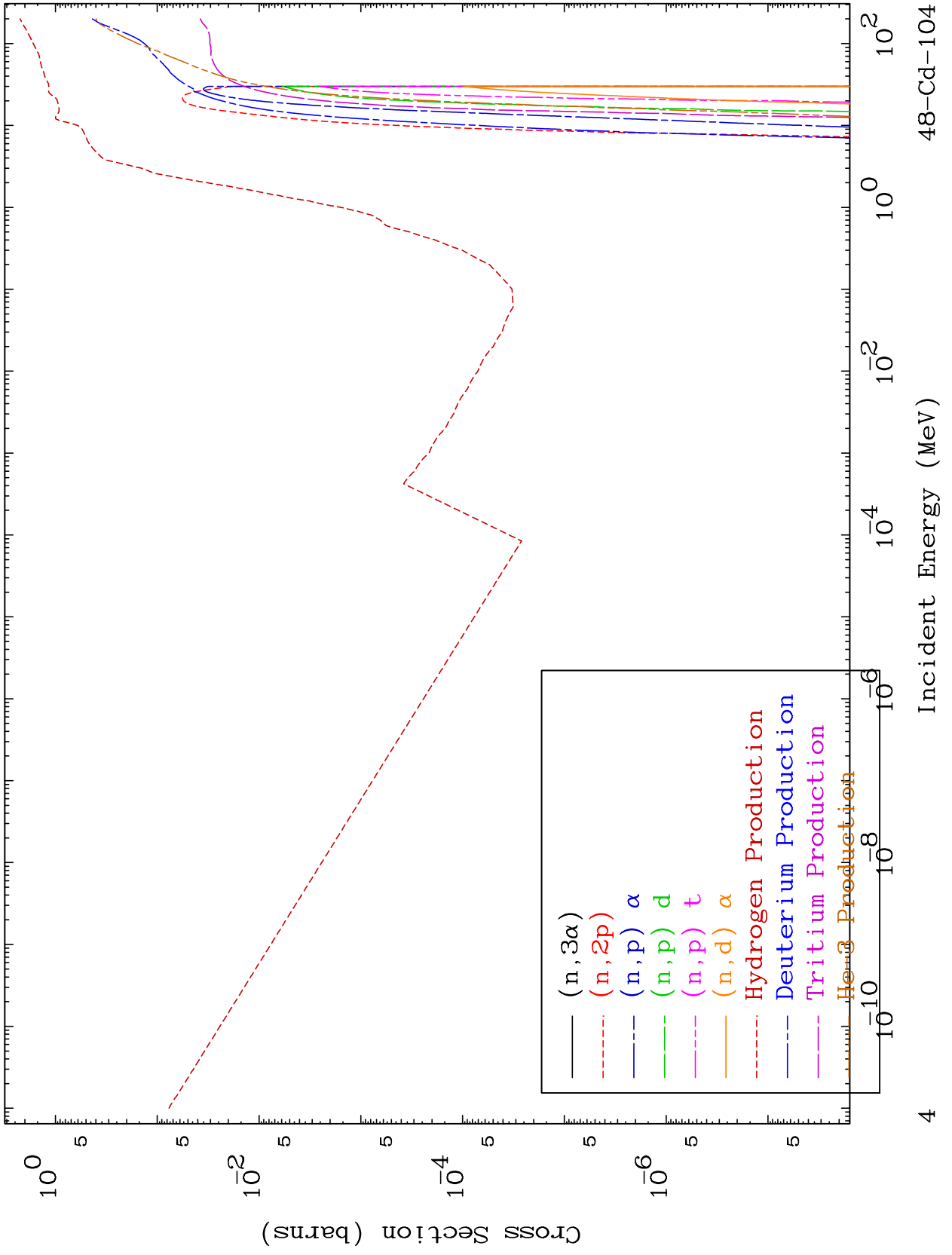
48-Cd-104



MAT 4819

Neutron Absorption
293 Kelvin Cross Sections

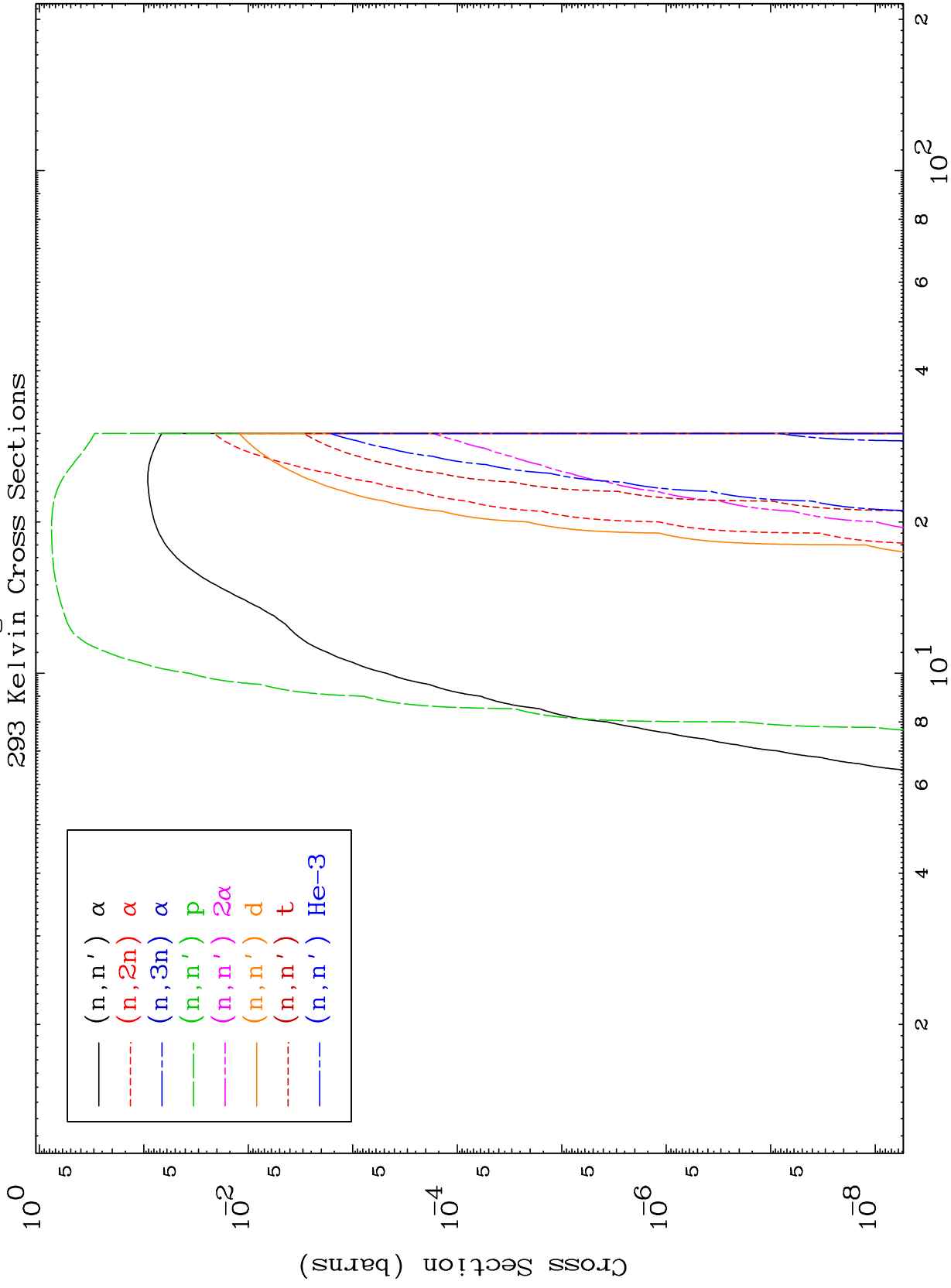
48-Cd-104



MAT 4819

Charged Particle
293 Kelvin Cross Sections

48-Cd-104



5

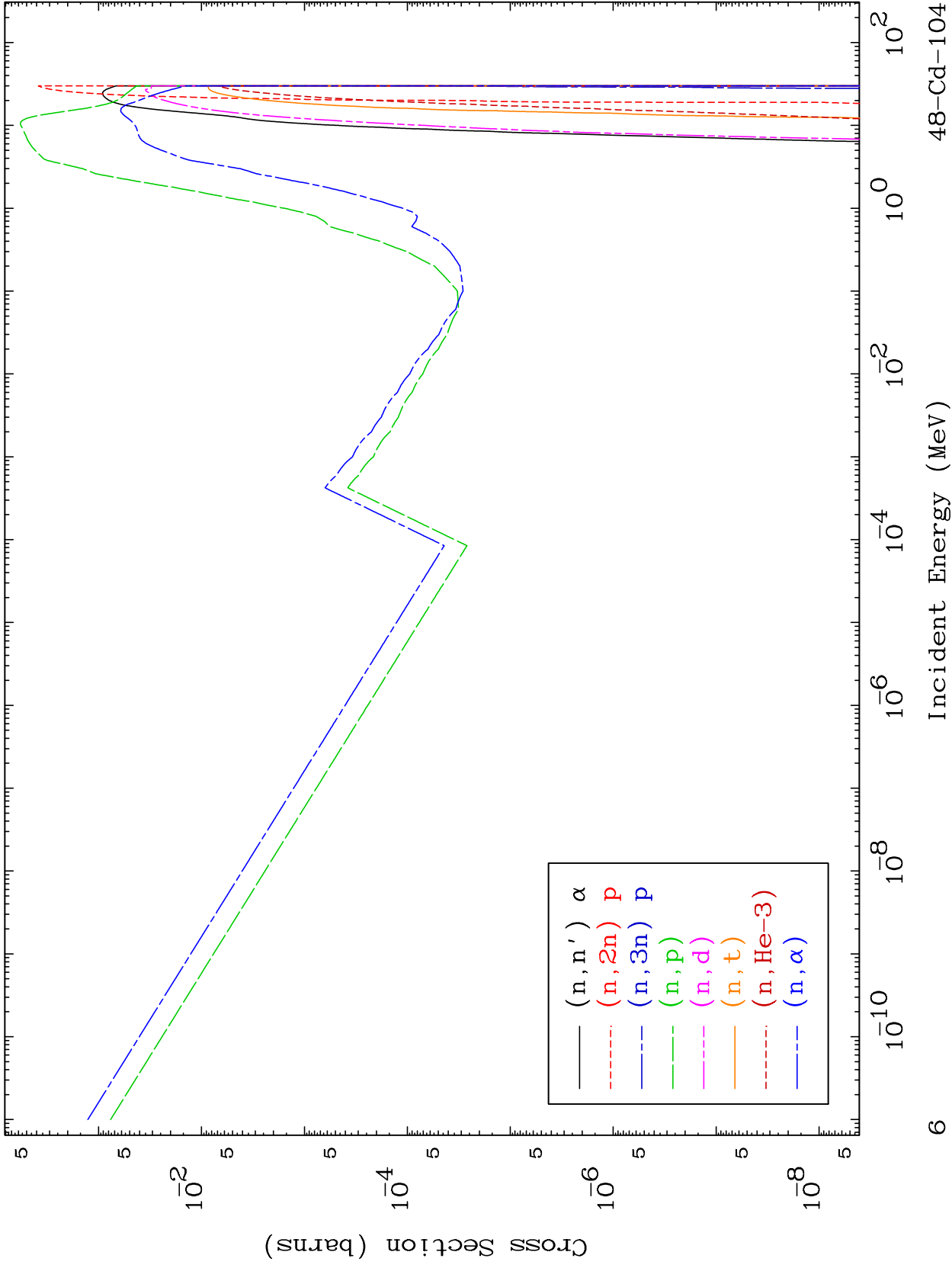
Incident Energy (MeV)

48-Cd-104

MAT 4819

Charged Particle
293 Kelvin Cross Sections

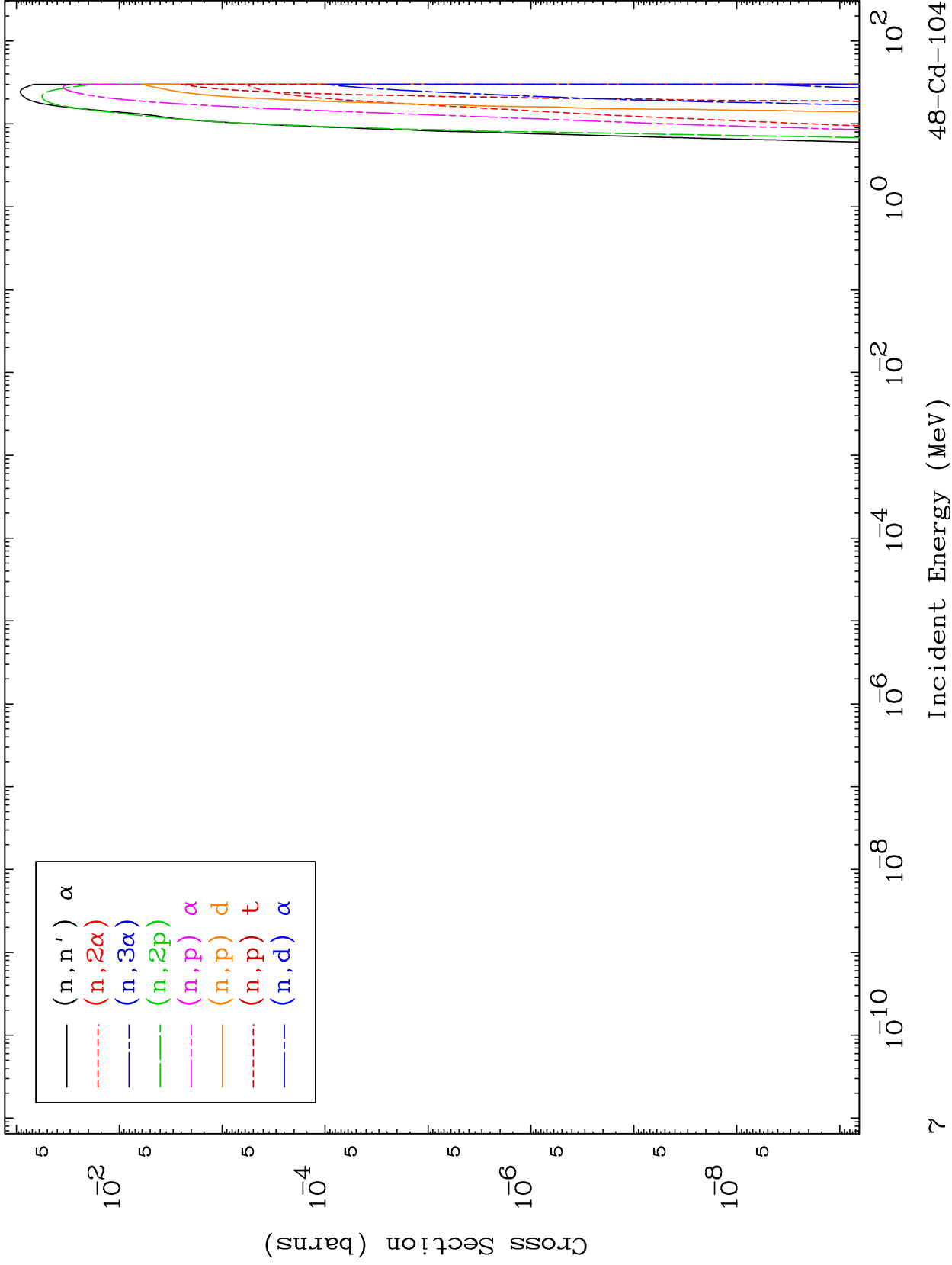
48-Cd-104



MAT 4819

Charged Particle
293 Kelvin Cross Sections

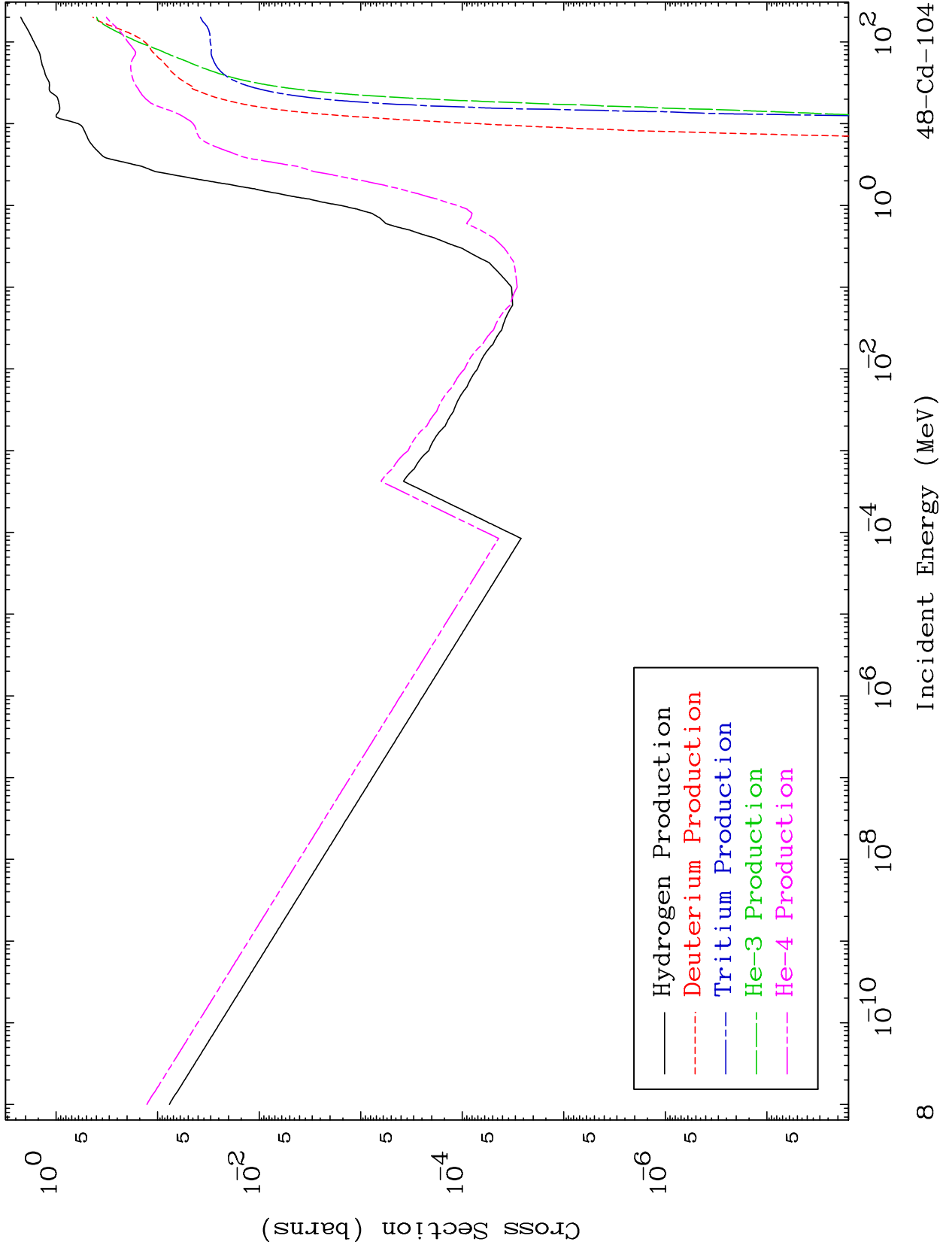
48-Cd-104



MAT 4819

Particle Production
293 Kelvin Cross Sections

48-Cd-104

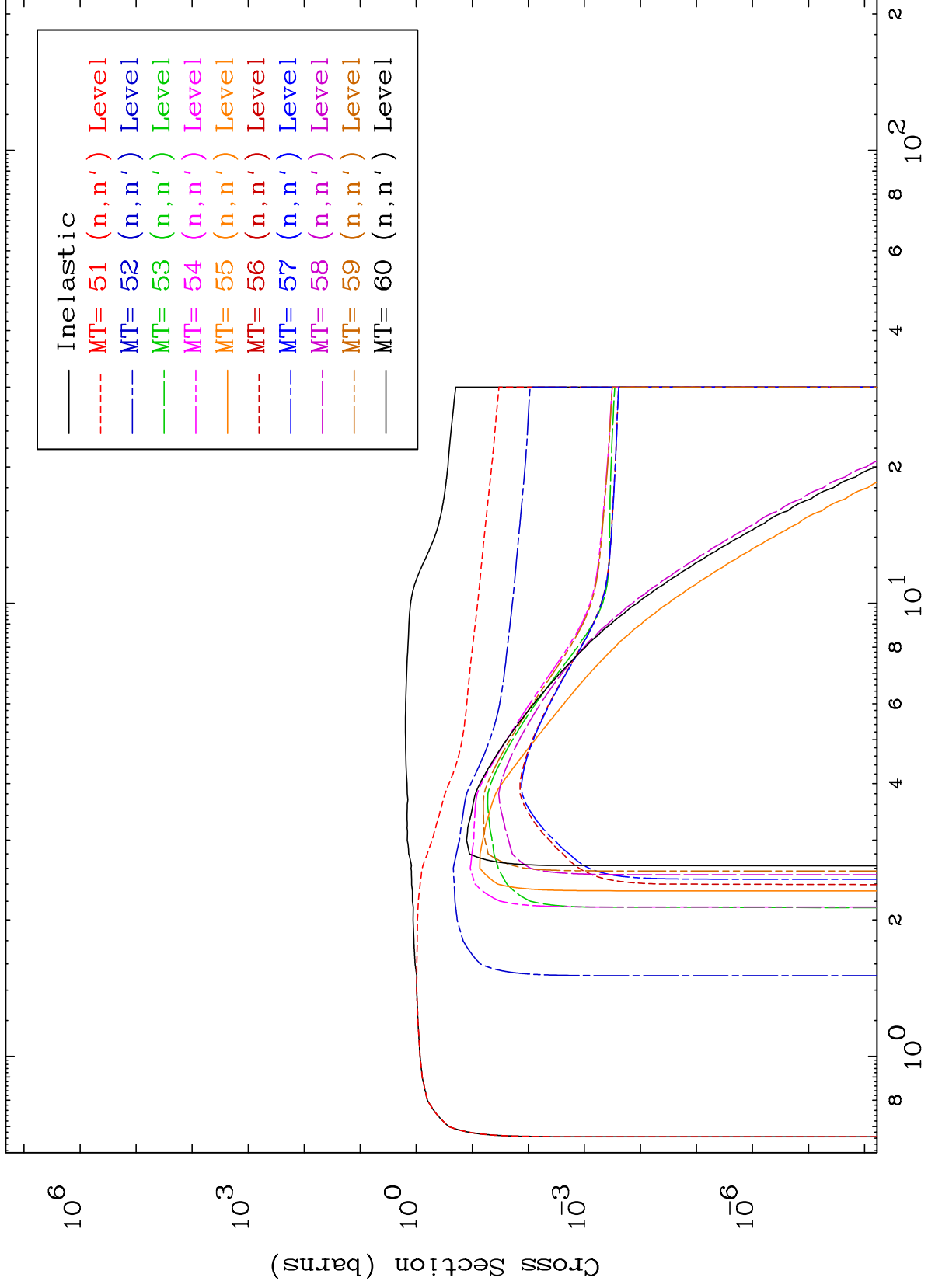


MAT 4819

(n,n') Levels

48-Cd-104

293 Kelvin Cross Sections

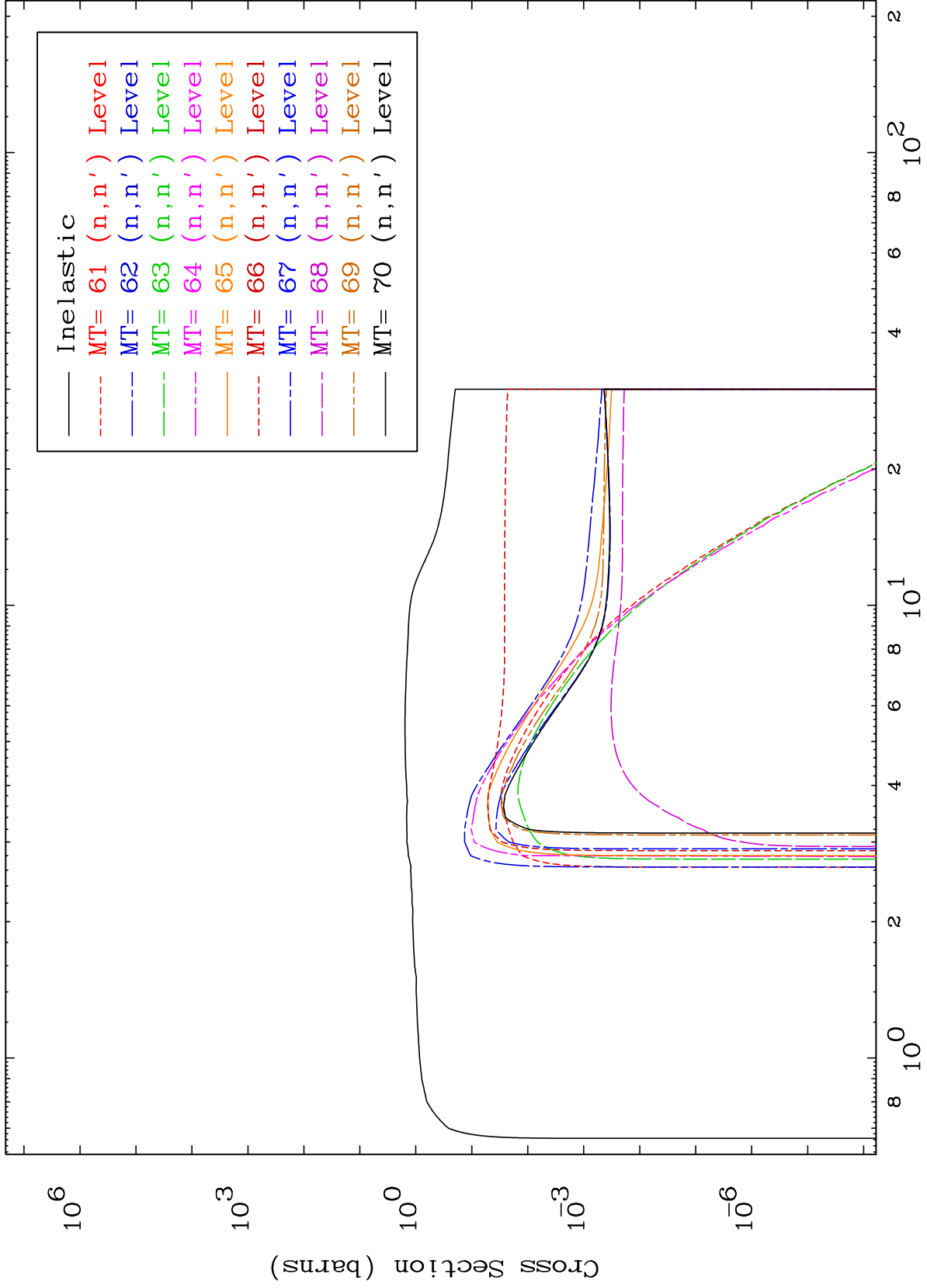


MAT 4819

(n,n') Levels

48-Cd-104

293 Kelvin Cross Sections



10

Incident Energy (MeV)

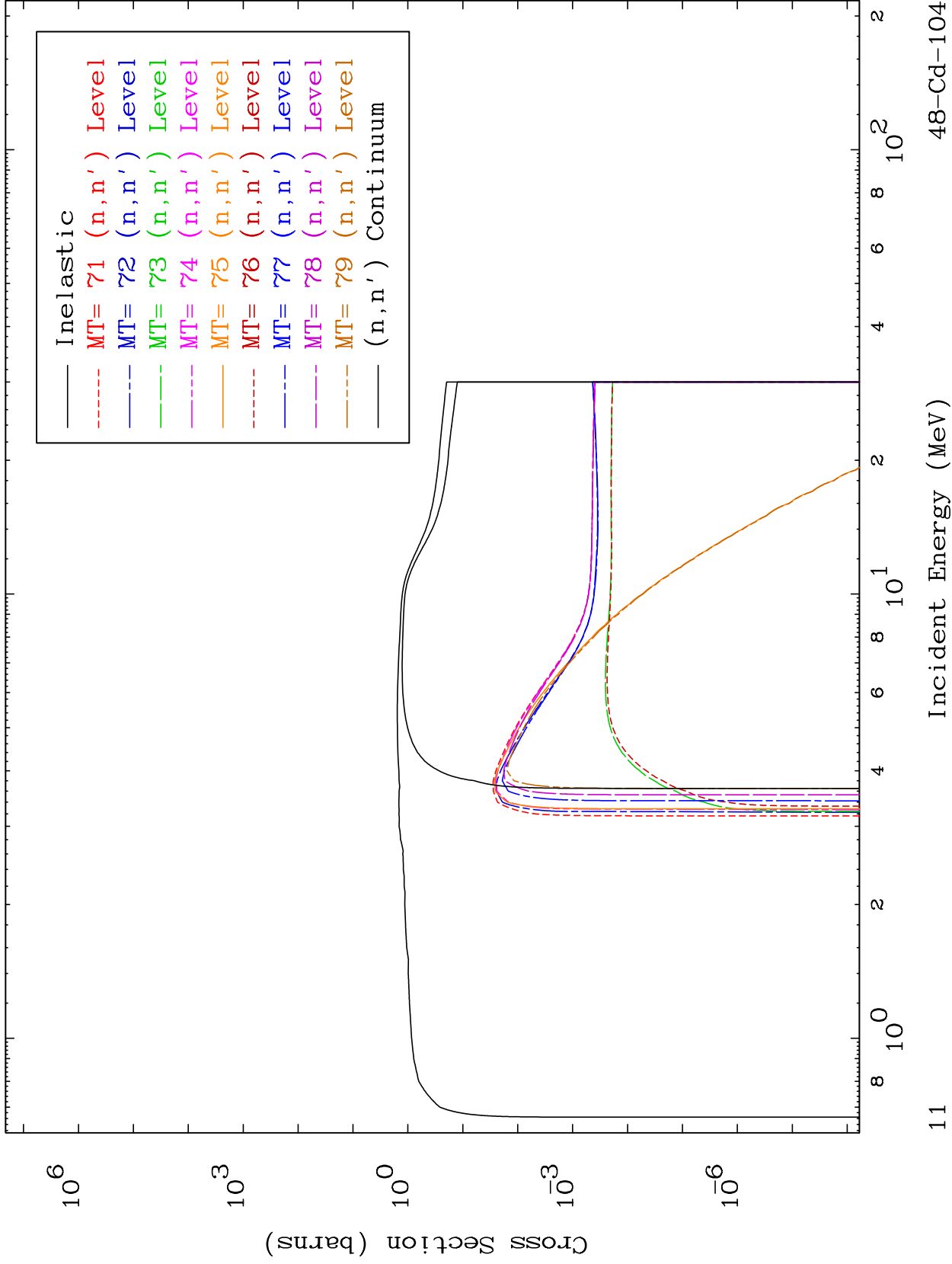
48-Cd-104

MAT 4819

(n,n') Levels

48-Cd-104

293 Kelvin Cross Sections



11

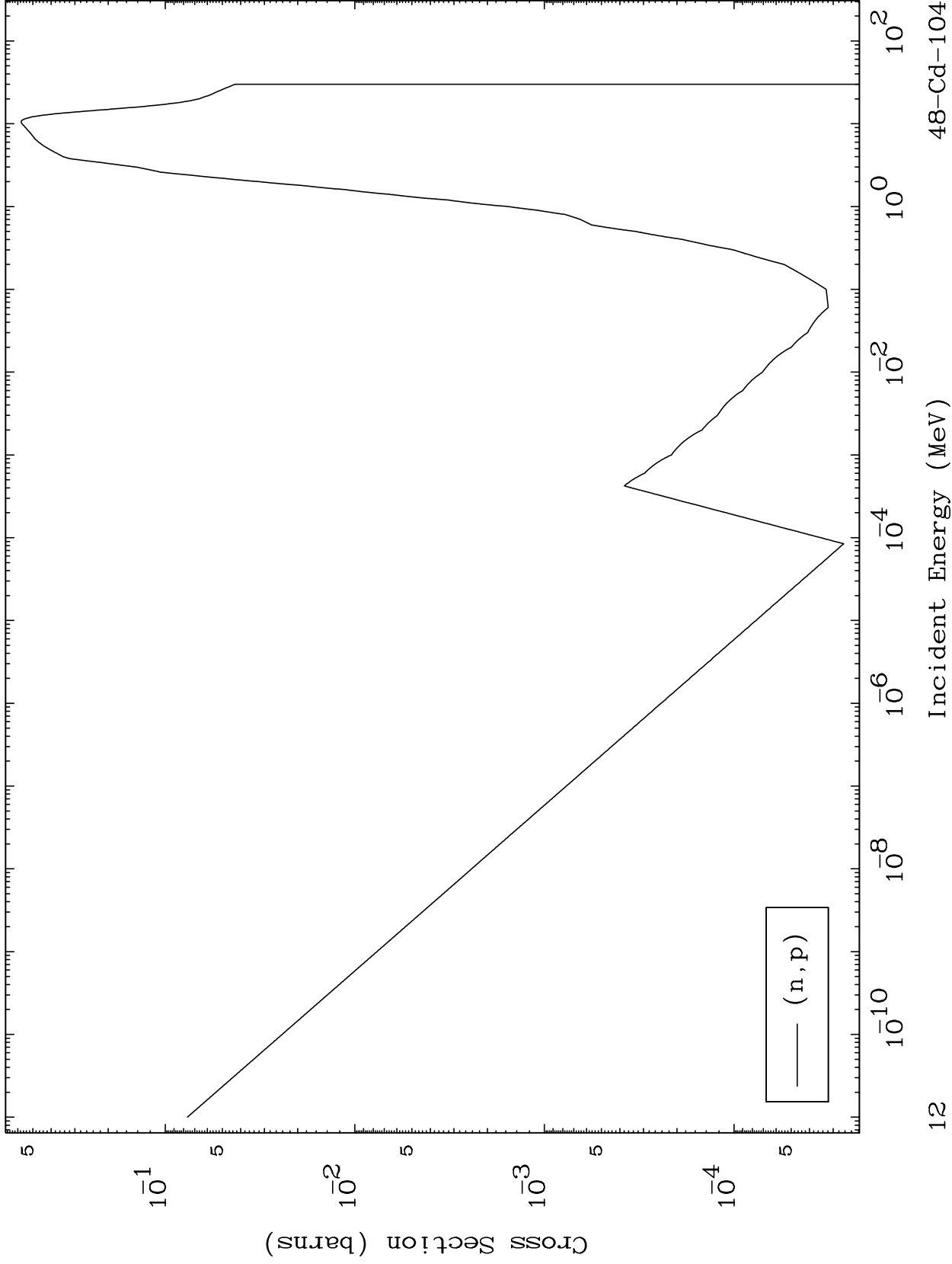
Incident Energy (MeV)

48-Cd-104

MAT 4819

(n,p) Levels
293 Kelvin Cross Sections

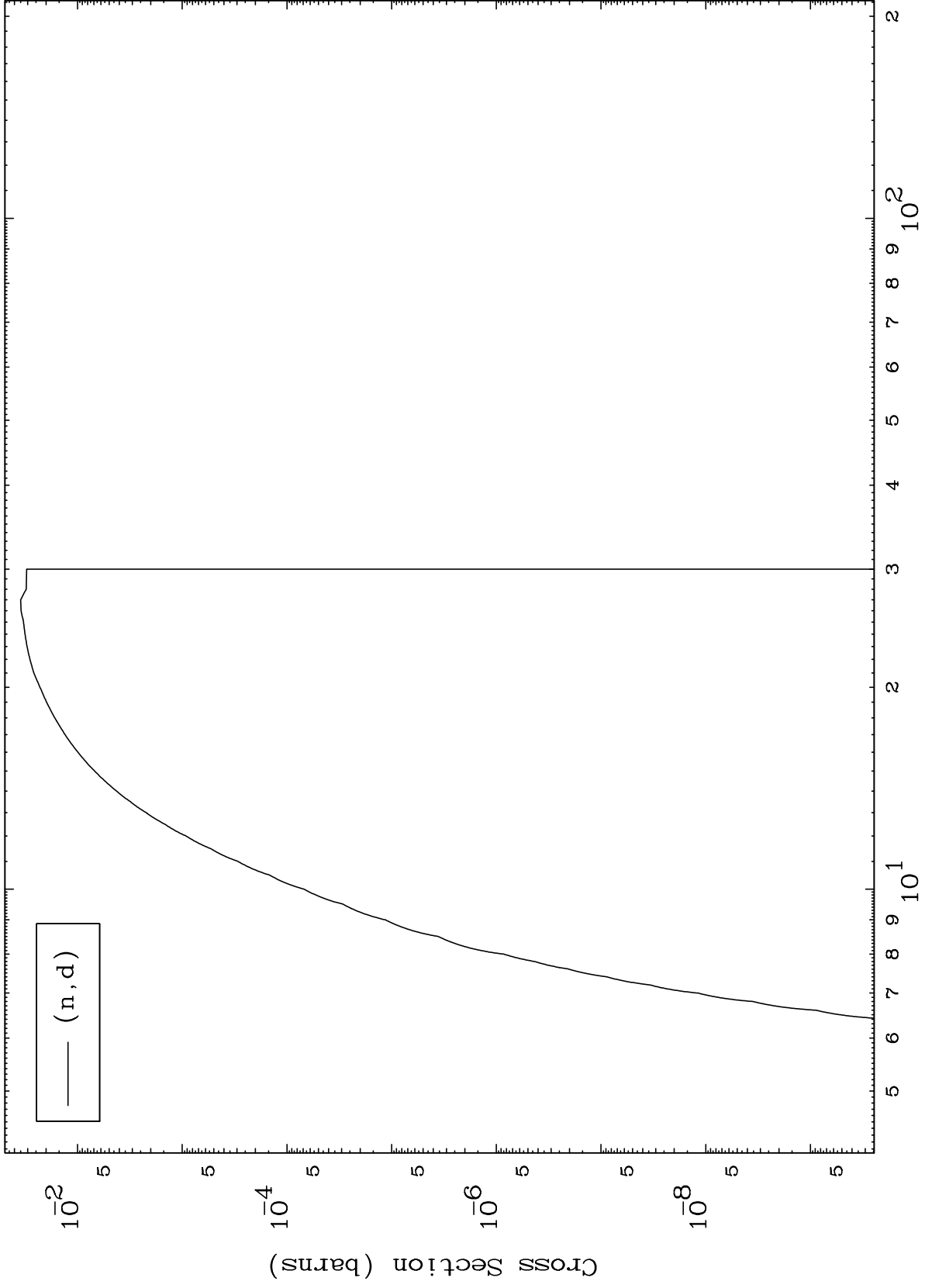
48-Cd-104



MAT 4819

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-104



13

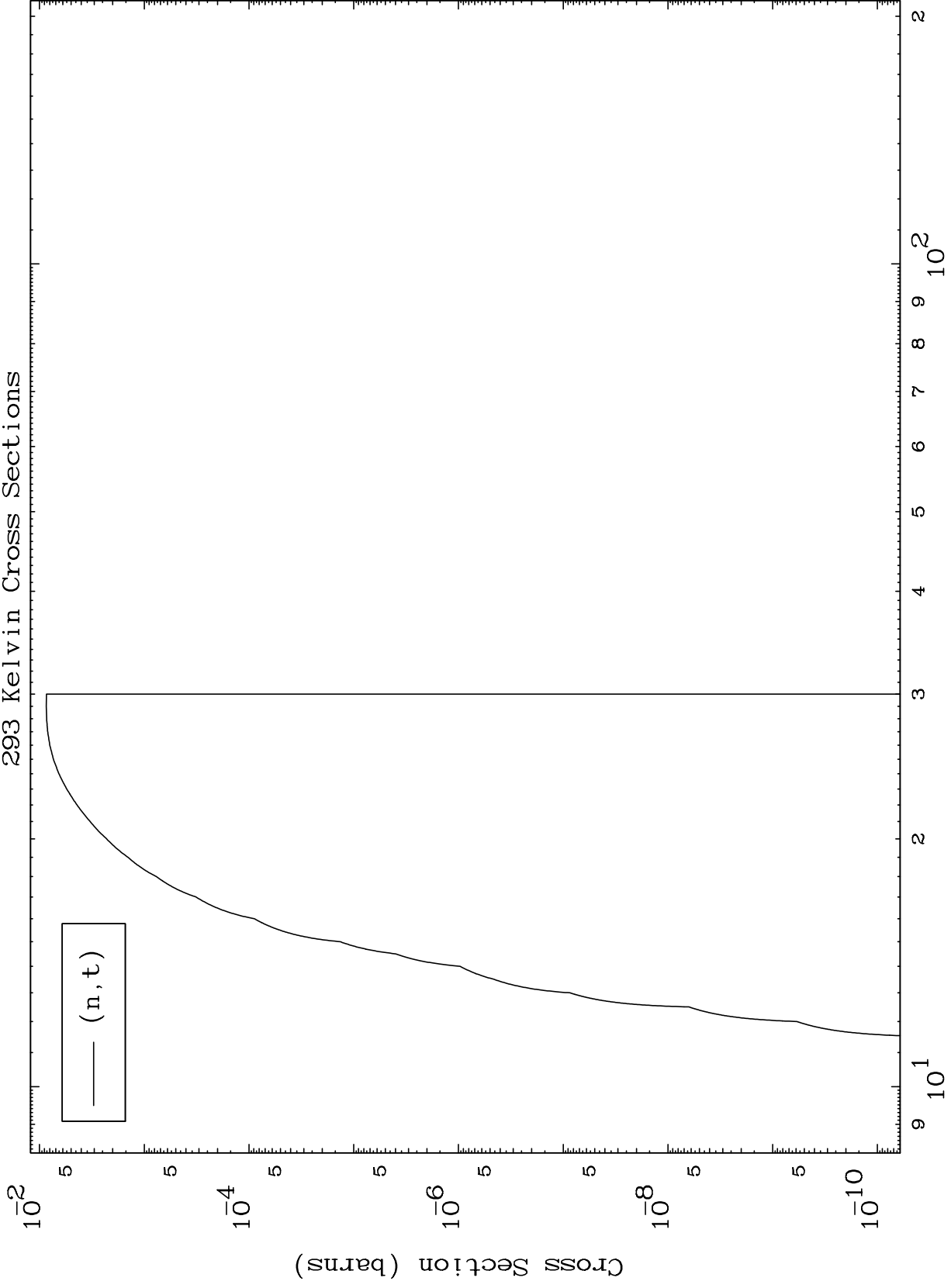
Incident Energy (MeV)

48-Cd-104

MAT 4819

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-104



14

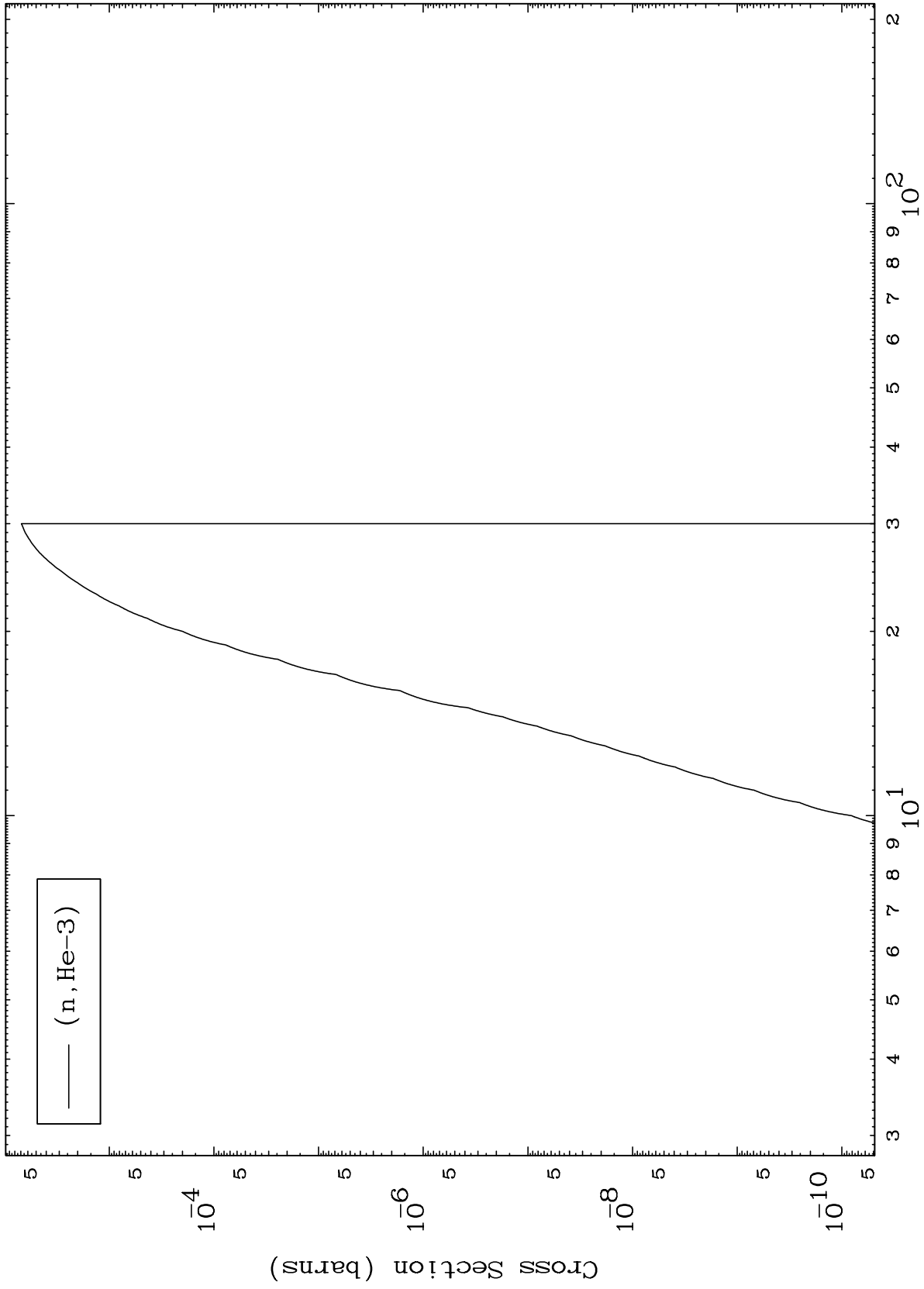
Incident Energy (MeV)

48-Cd-104

MAT 4819

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-104



15

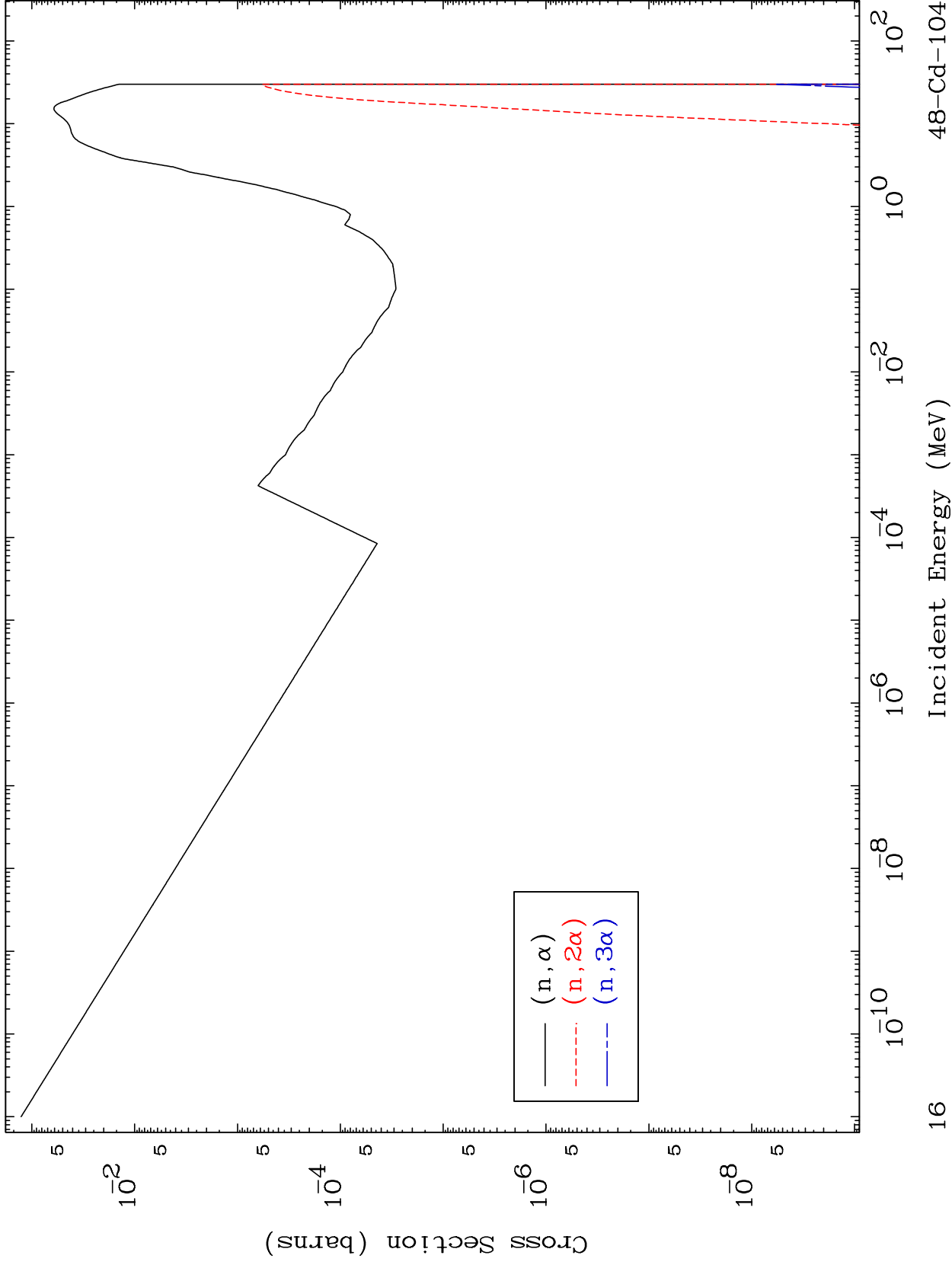
Incident Energy (MeV)

48-Cd-104

MAT 4819

(n,α) Levels
293 Kelvin Cross Sections

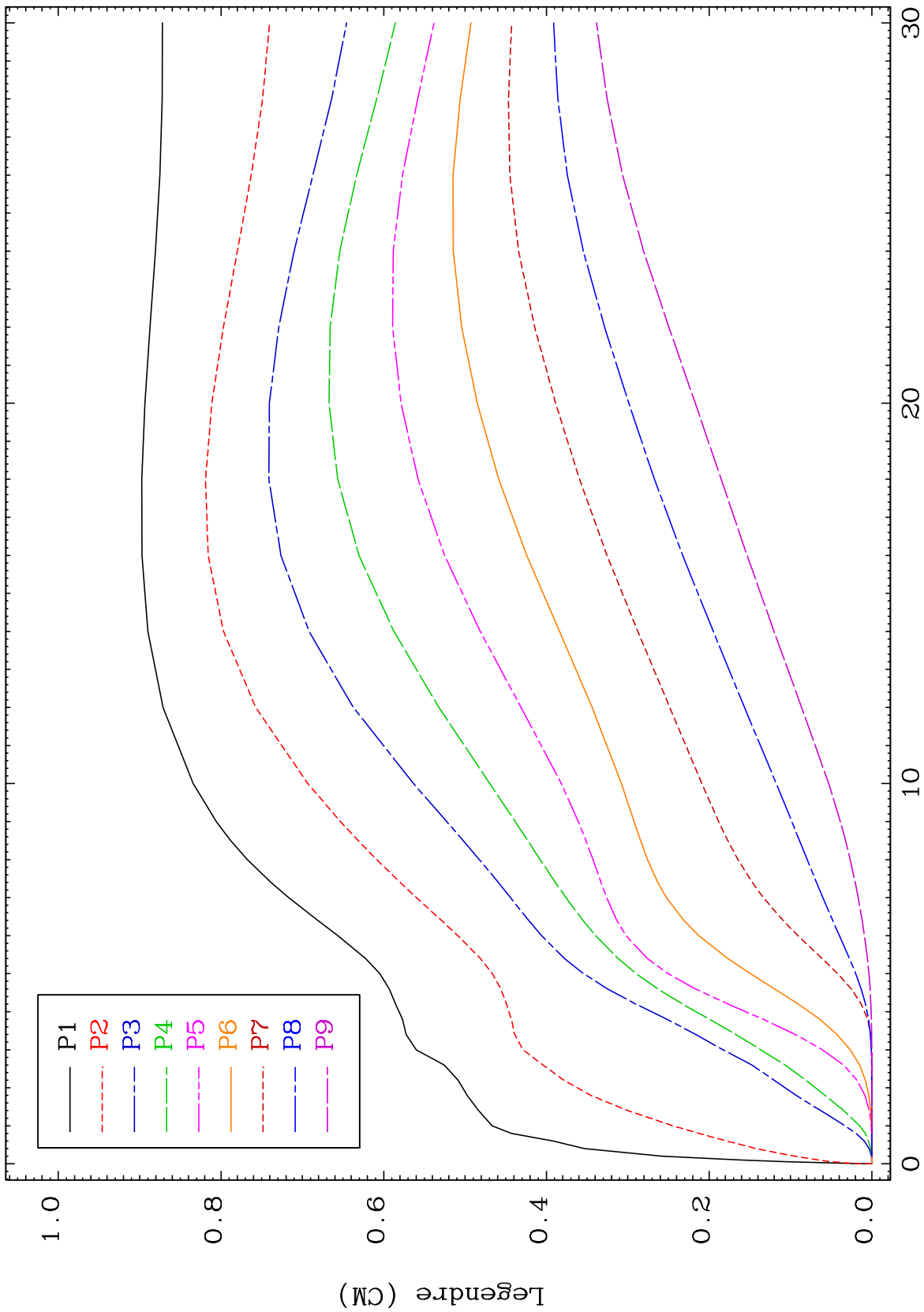
48-Cd-104



MAT 4819

Elastic Legendre Coefficients

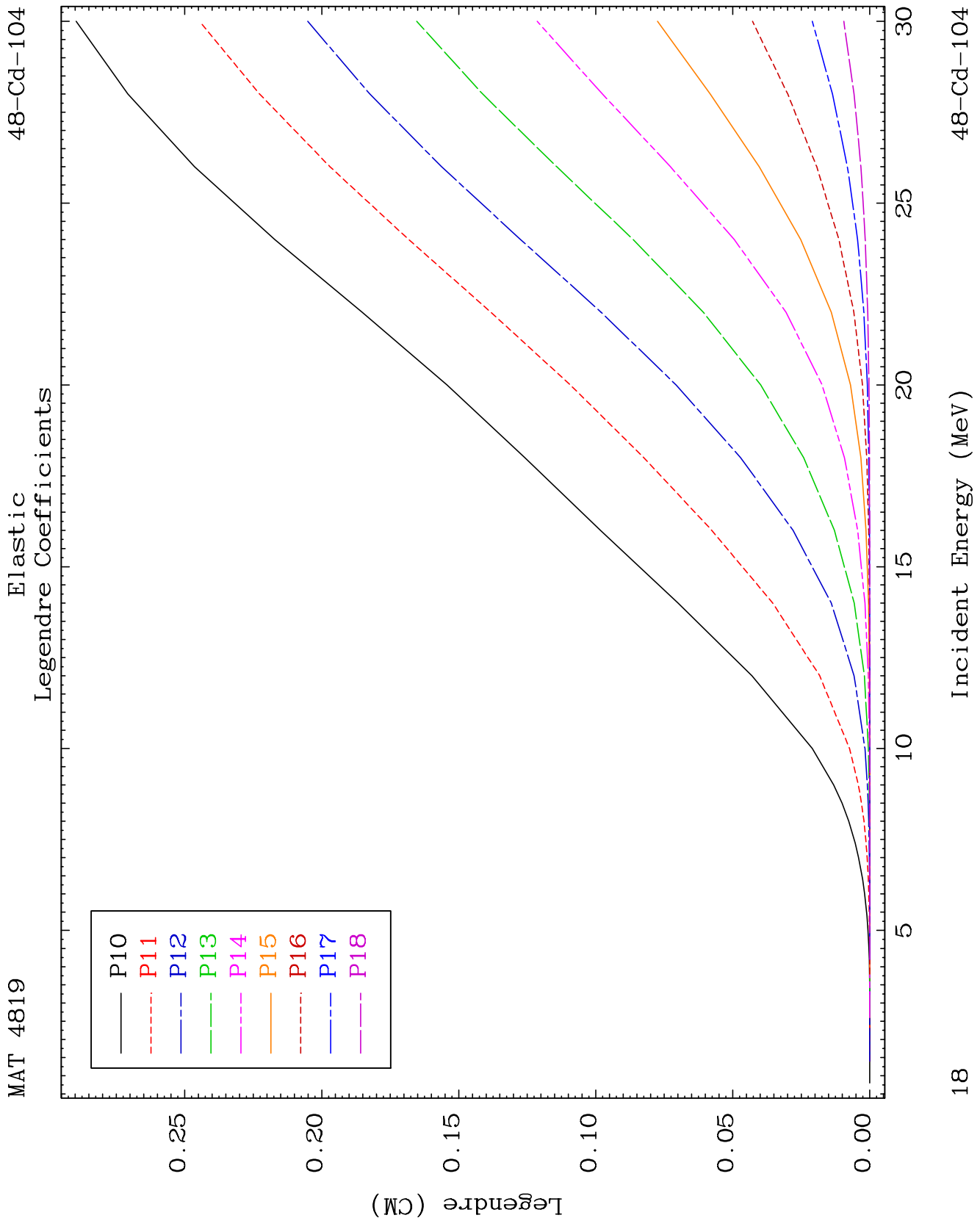
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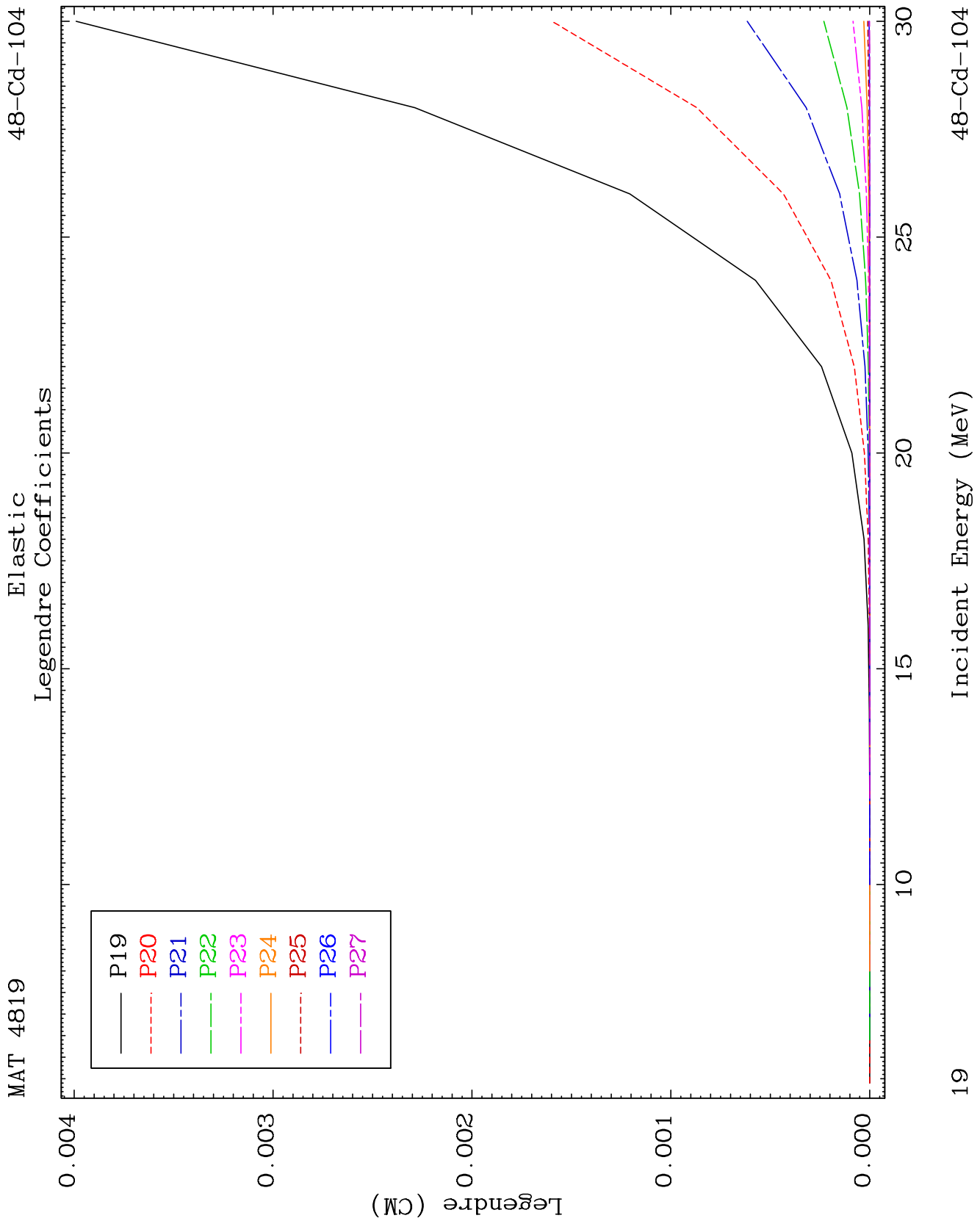


17

Incident Energy (MeV)

48-Cd-104



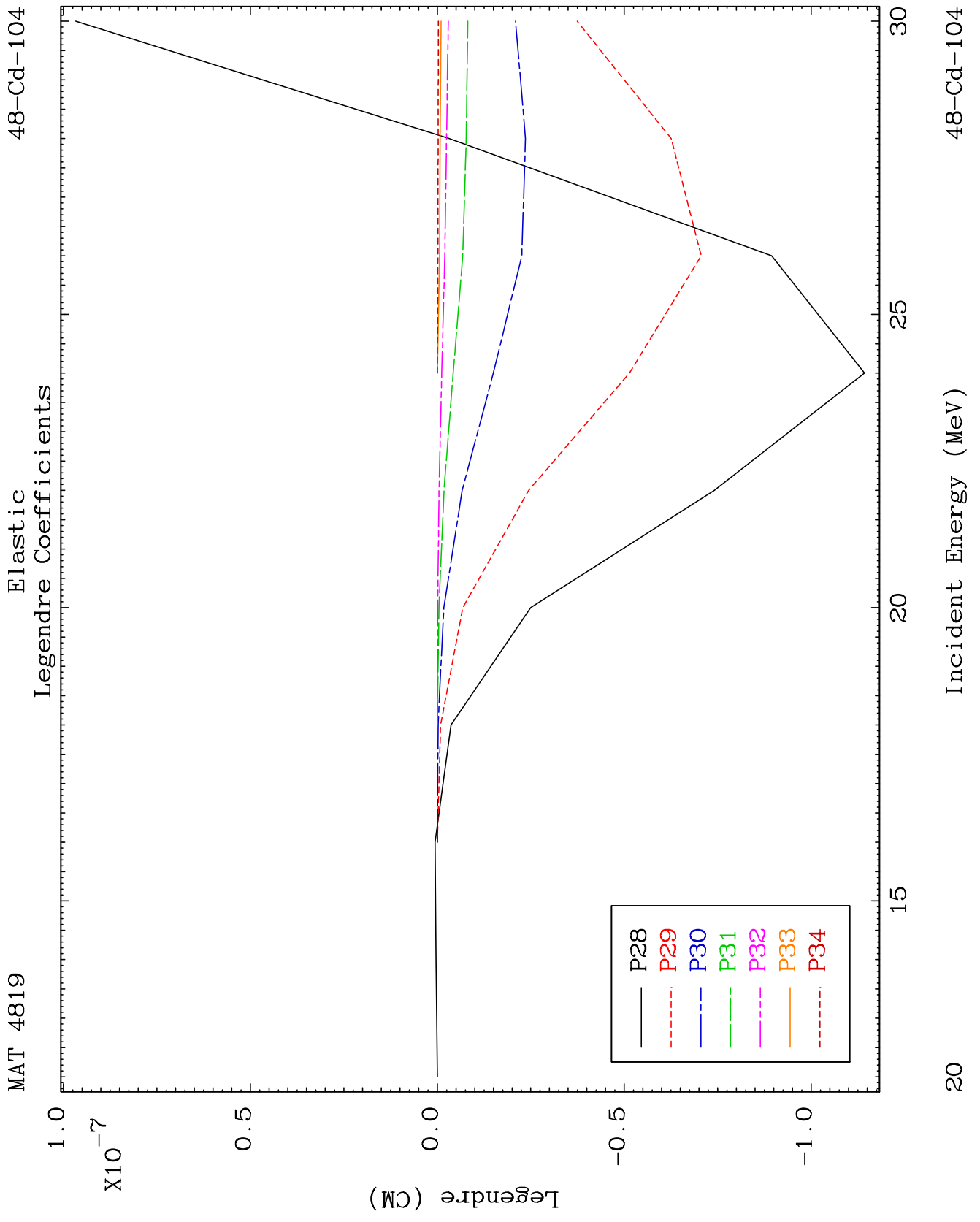


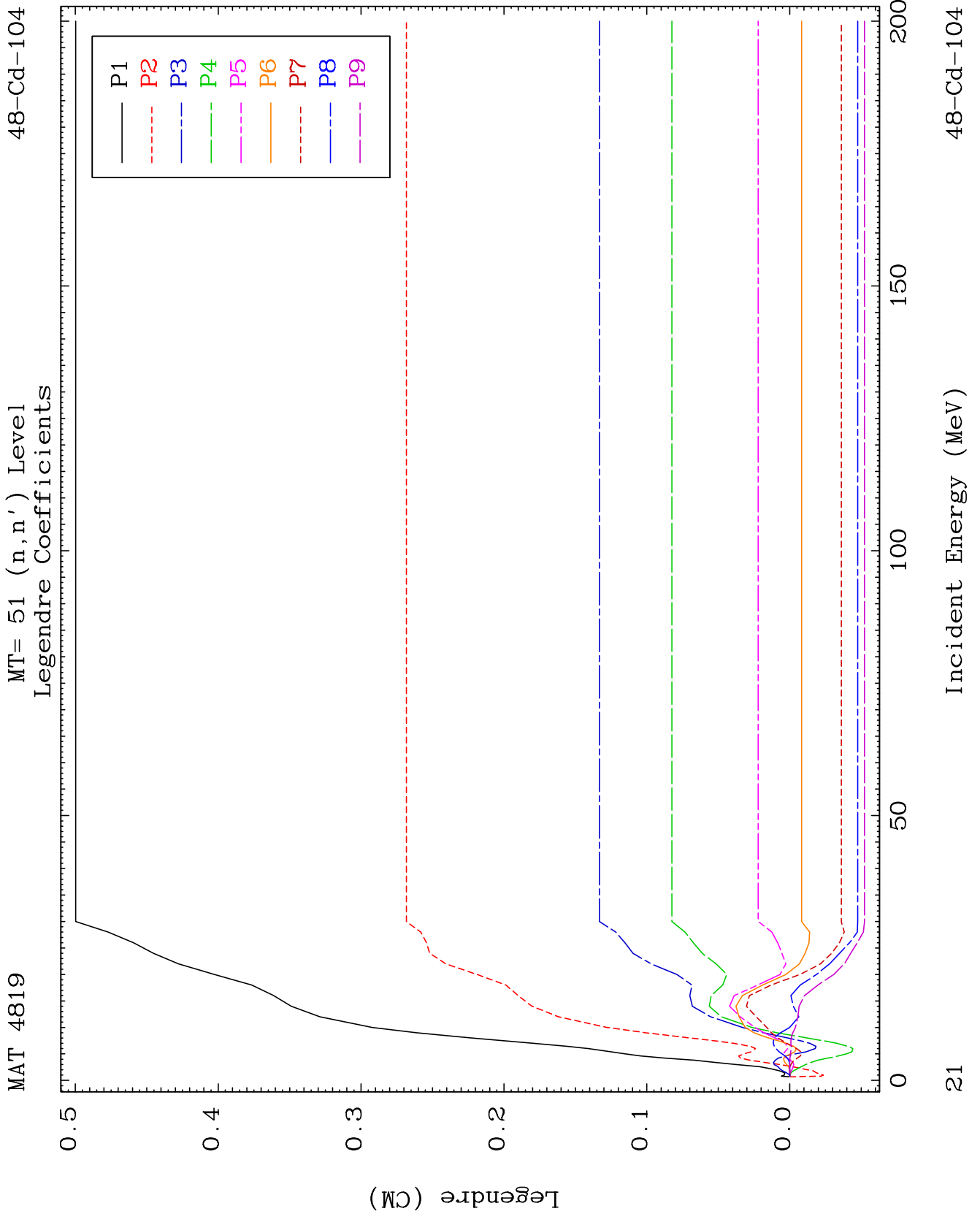
MAT 4819

48-Cd-104

19

48-Cd-104

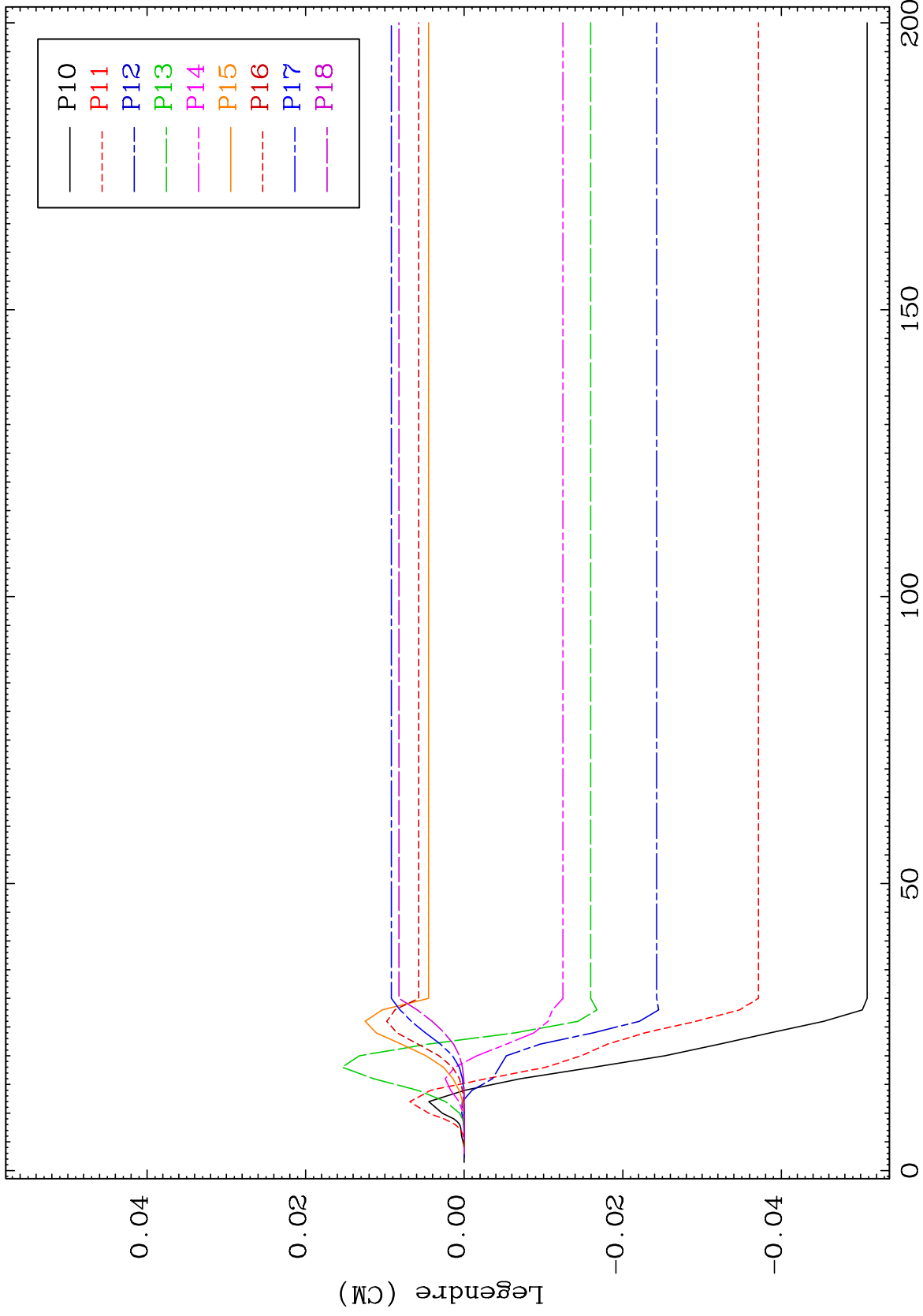




MAT 4819

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

48-Cd-104



22

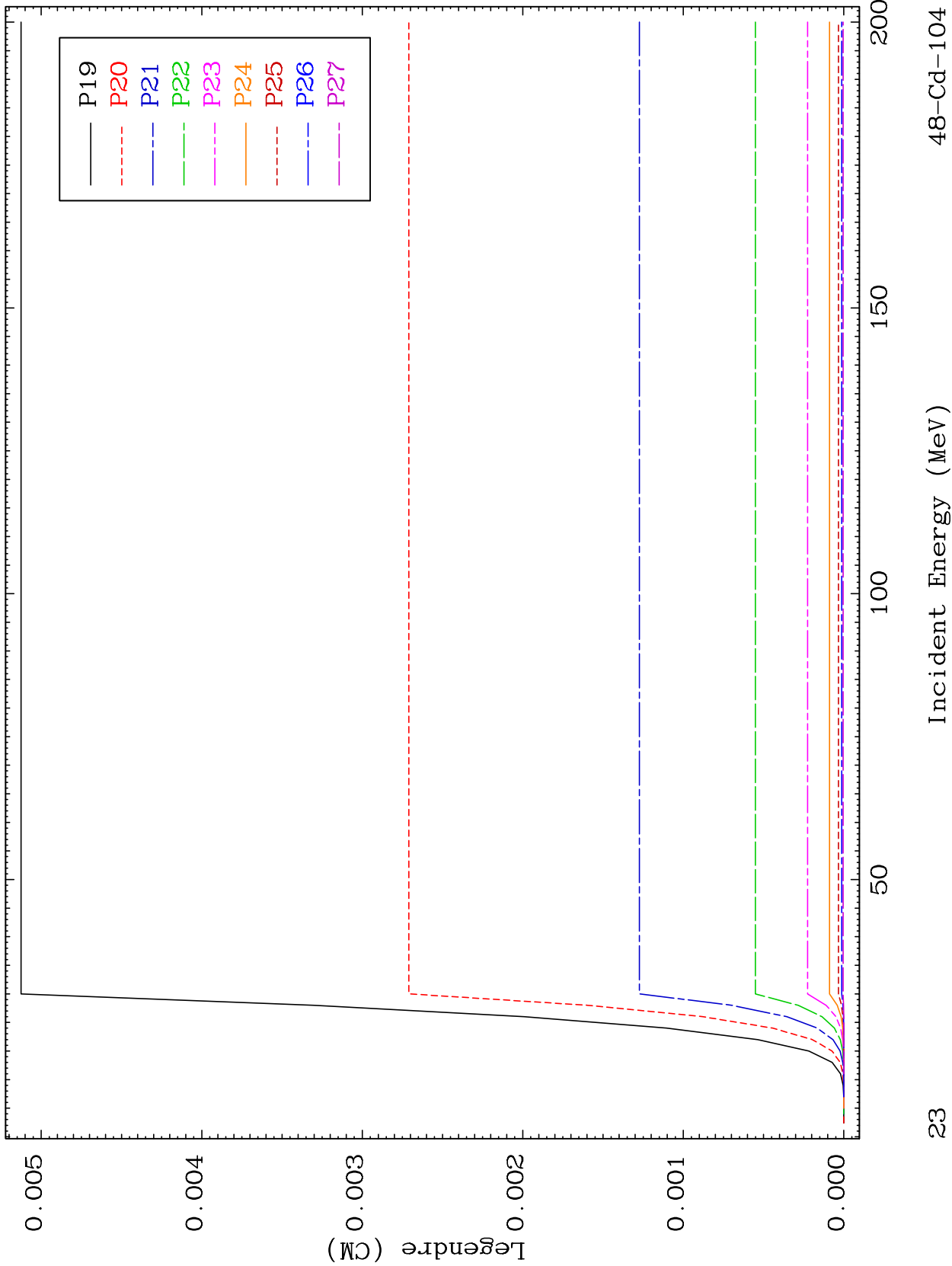
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



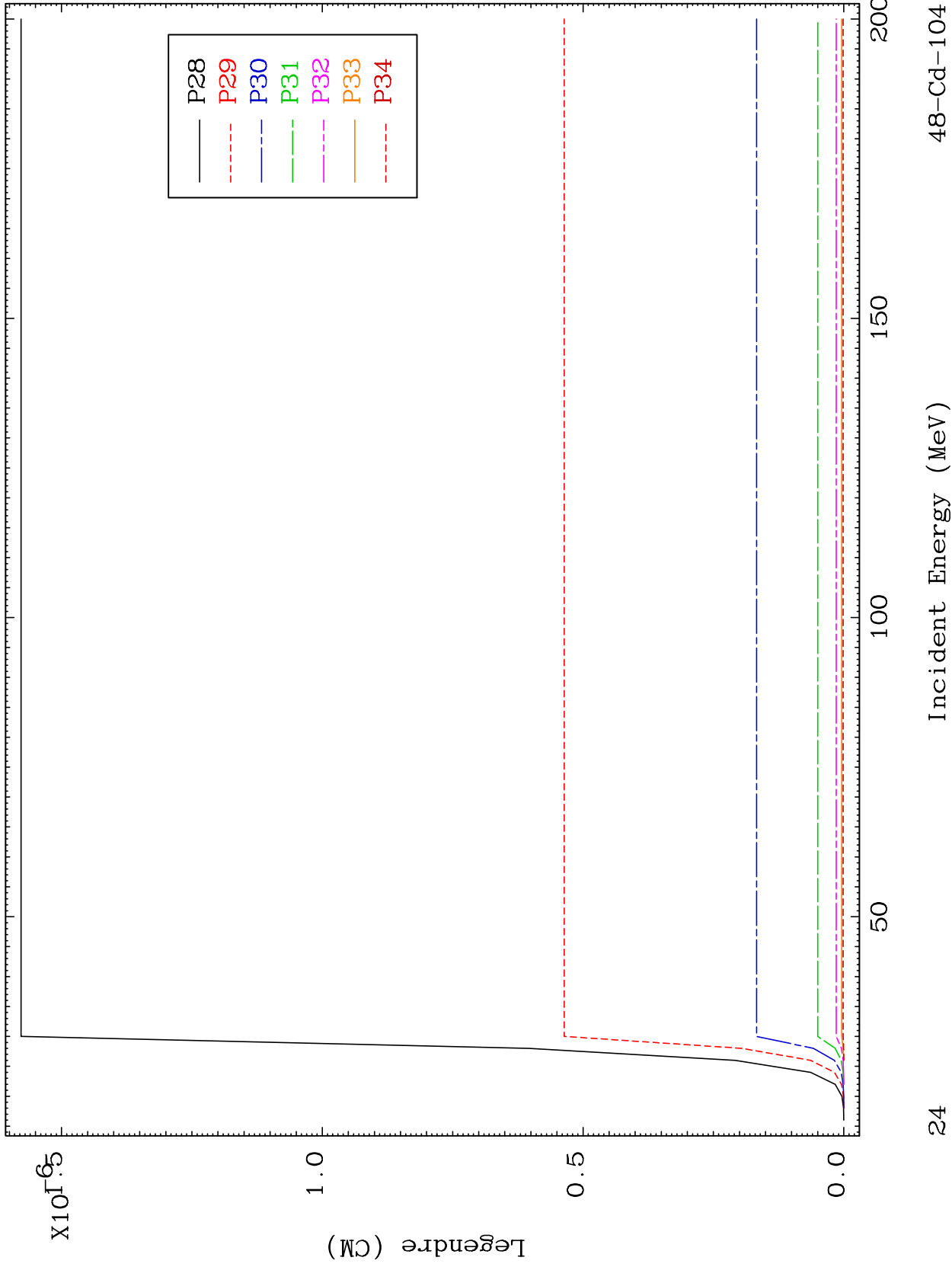
23

48-Cd-104

MAT 4819

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

48-Cd-104



24

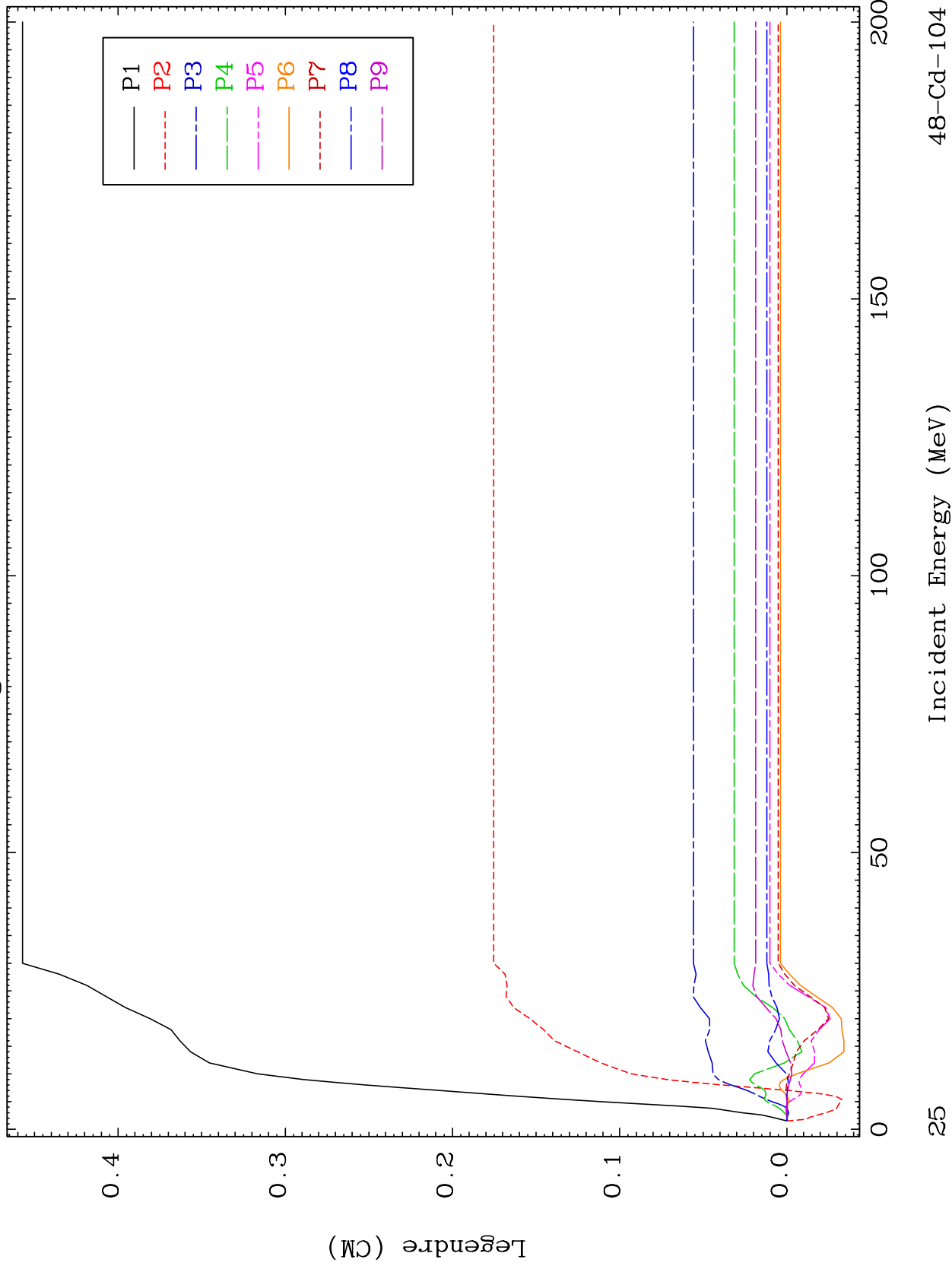
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

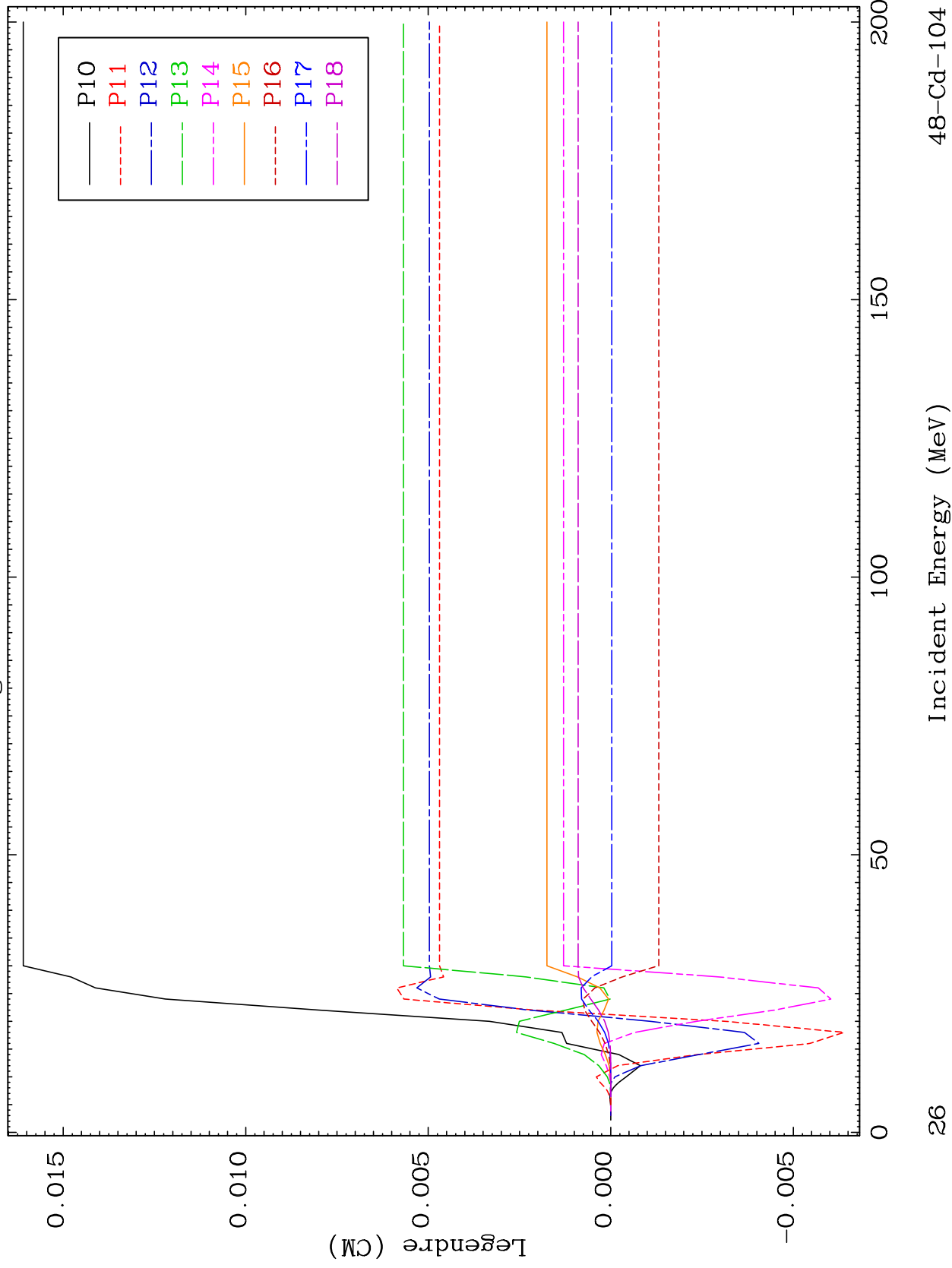
48-Cd-104



MAT 4819

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

48-Cd-104



26

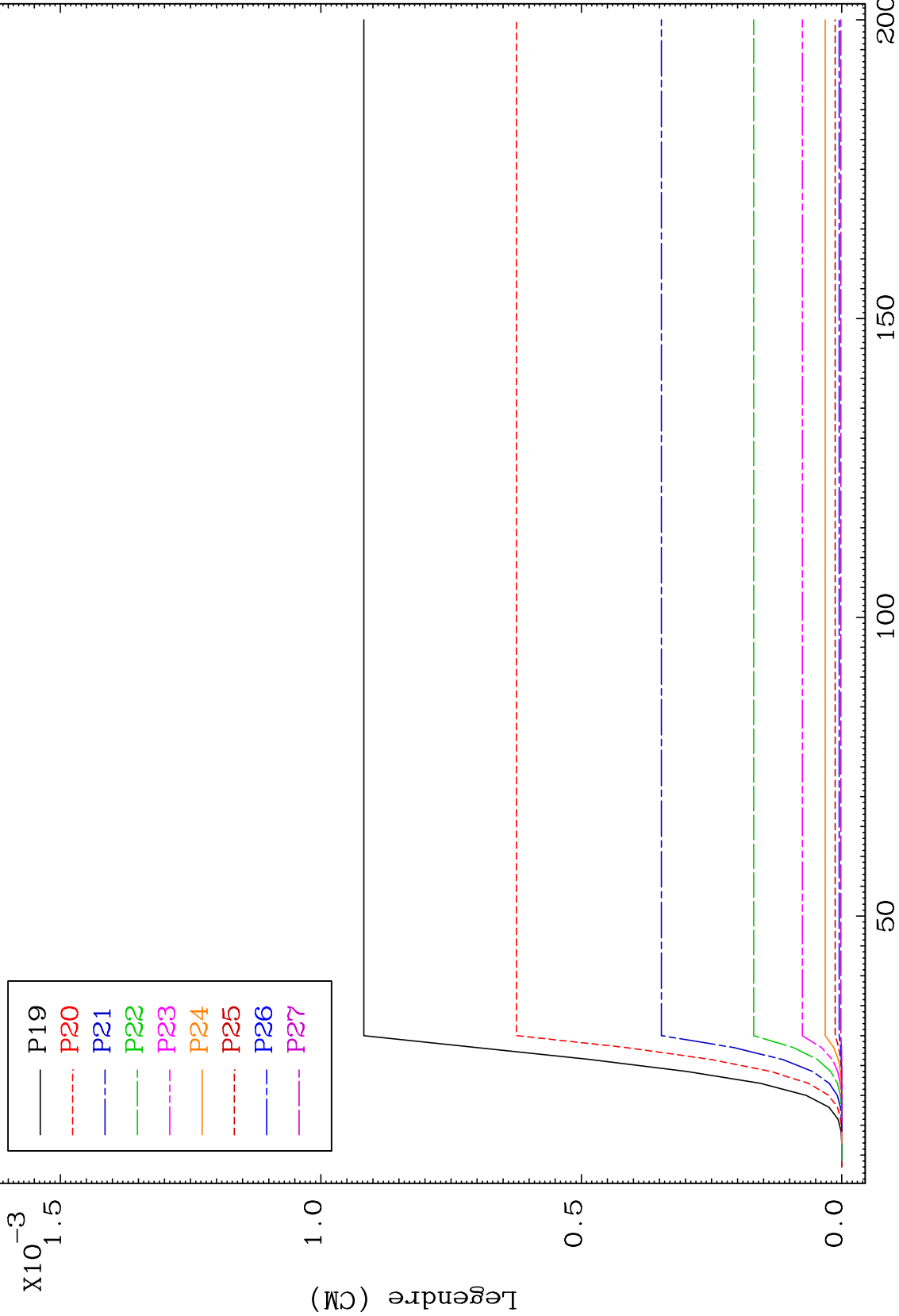
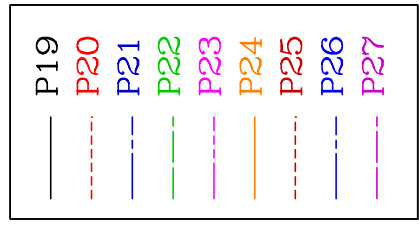
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



27

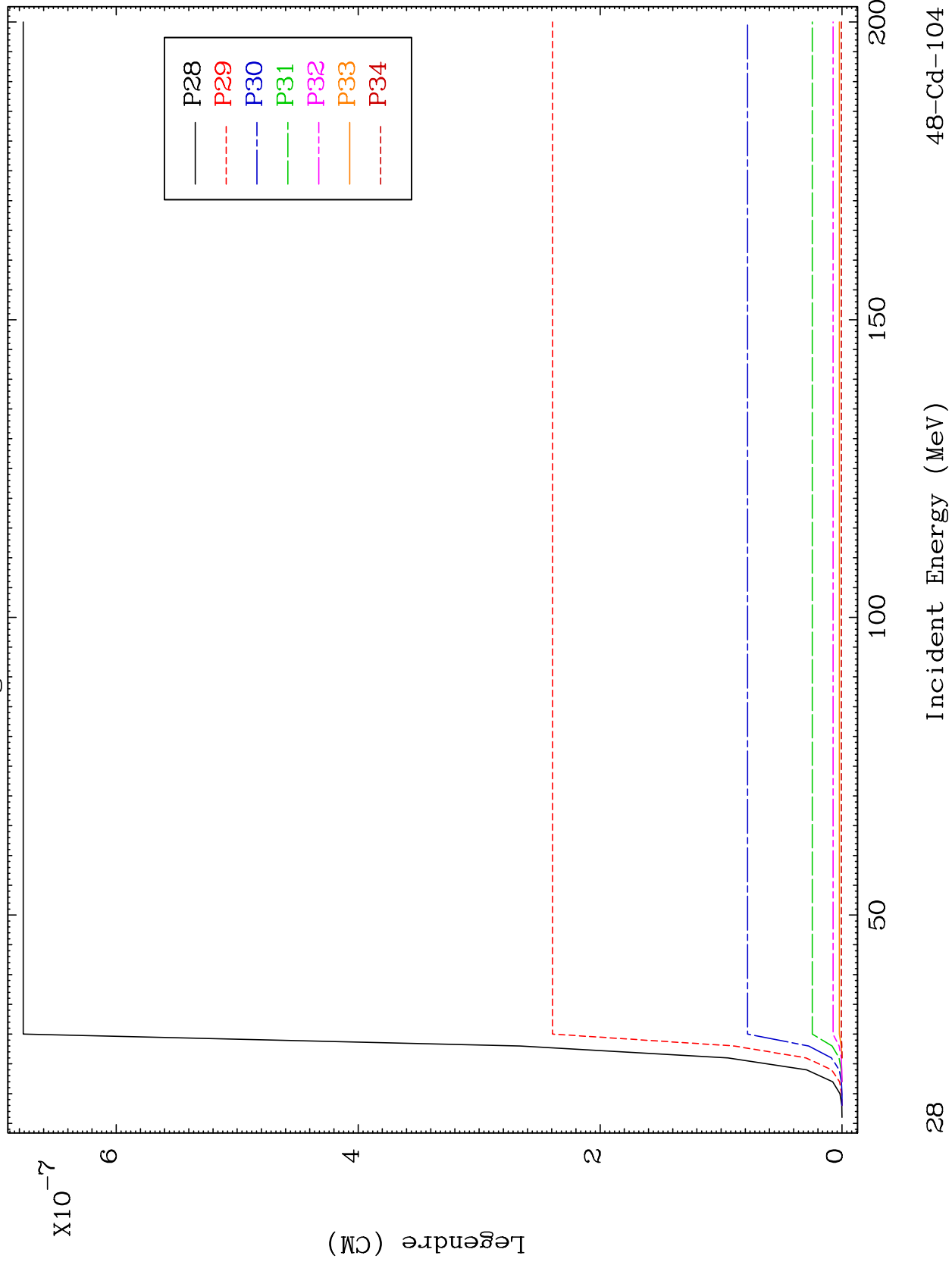
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



28

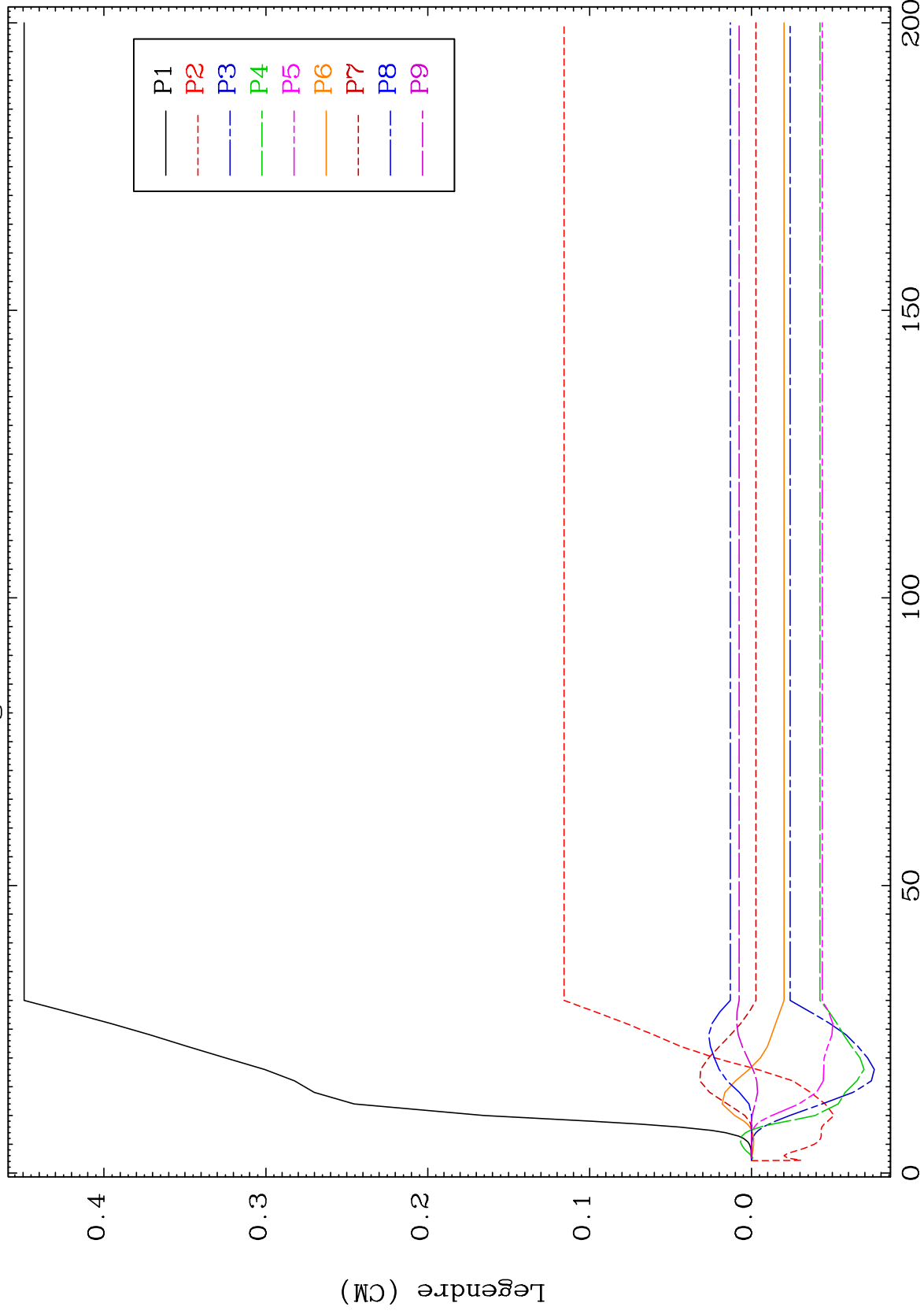
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



29

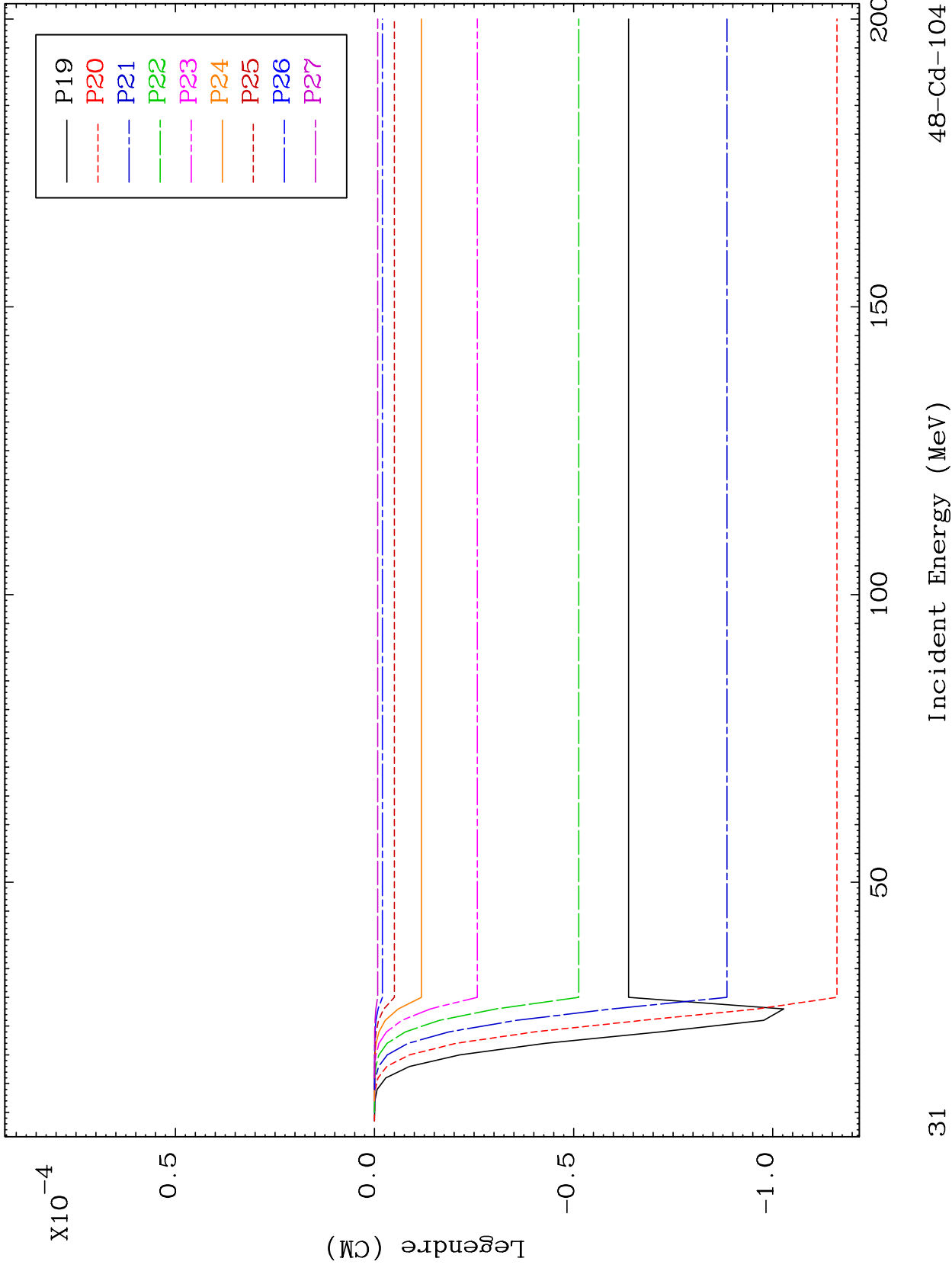
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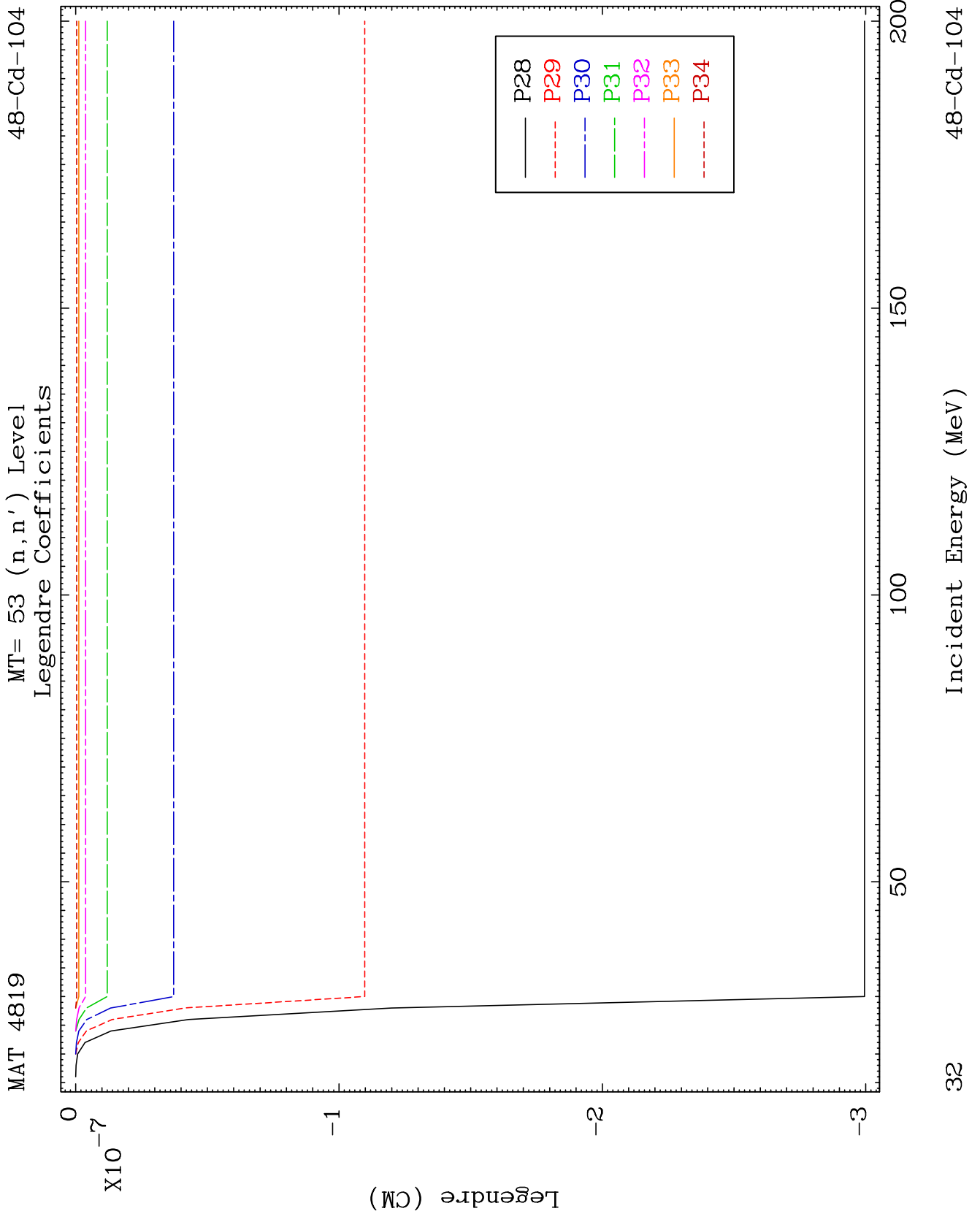
48-Cd-104

MAT 4819

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

48-Cd-104

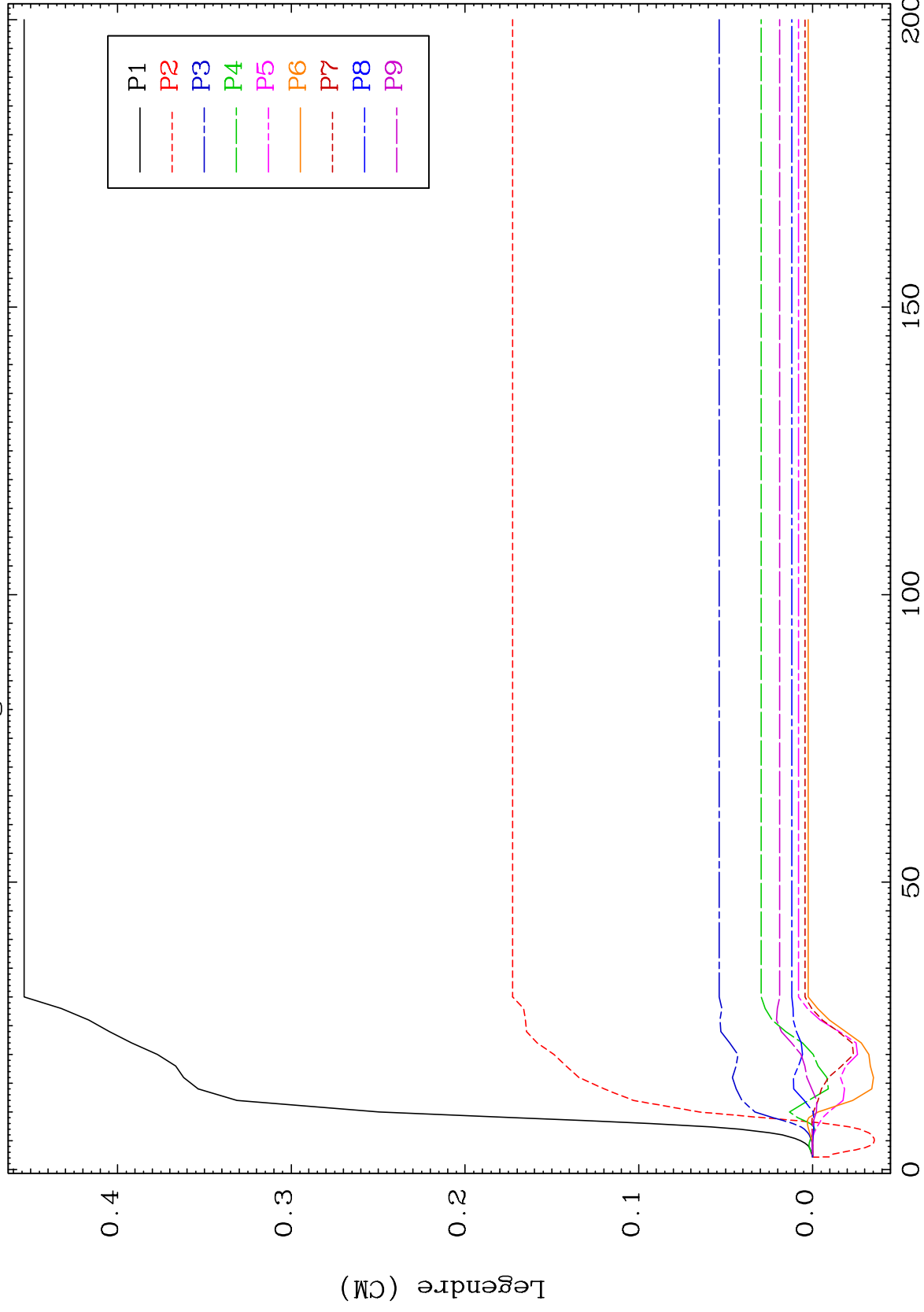




MAT 4819

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

48-Cd-104



33

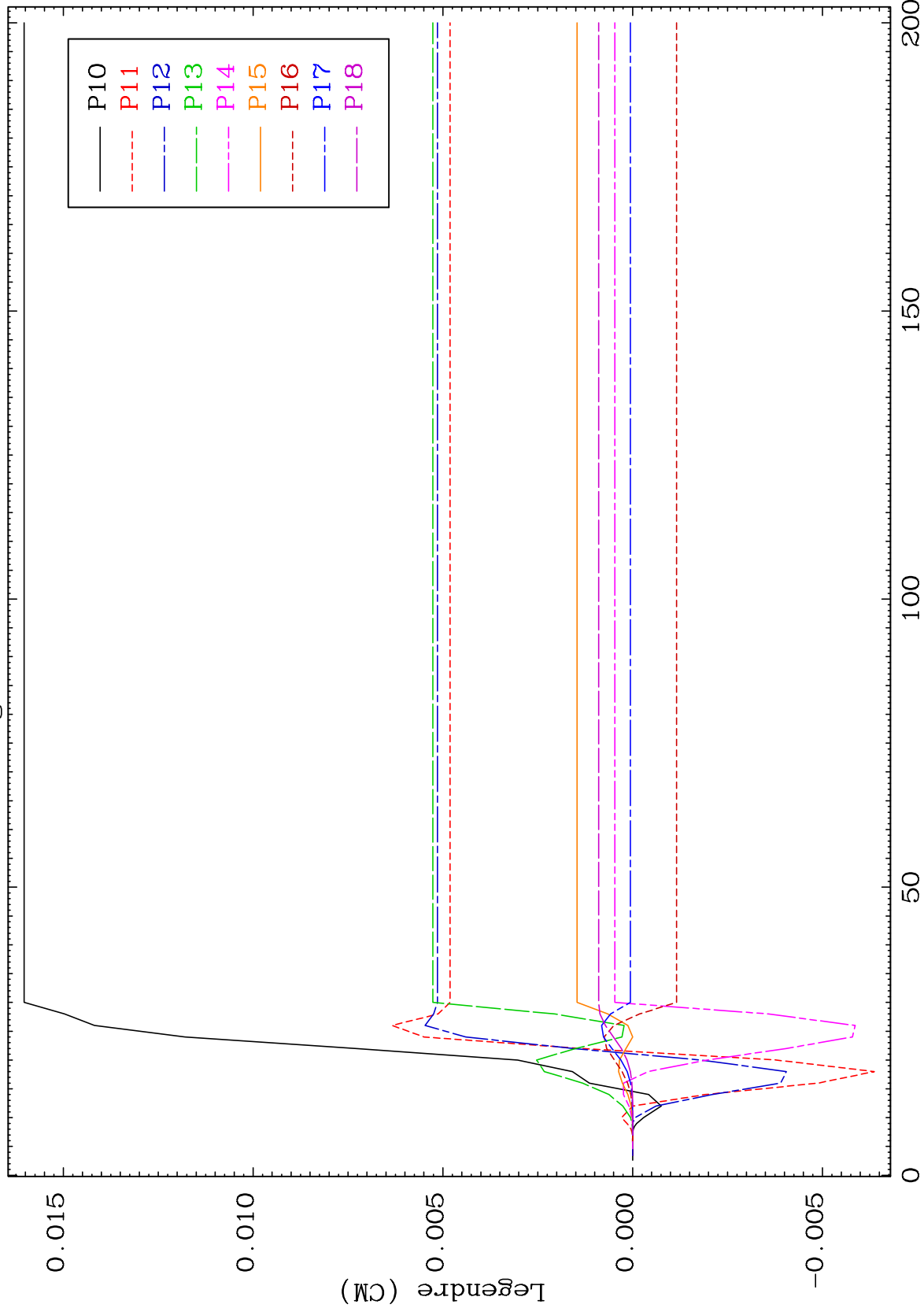
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



34

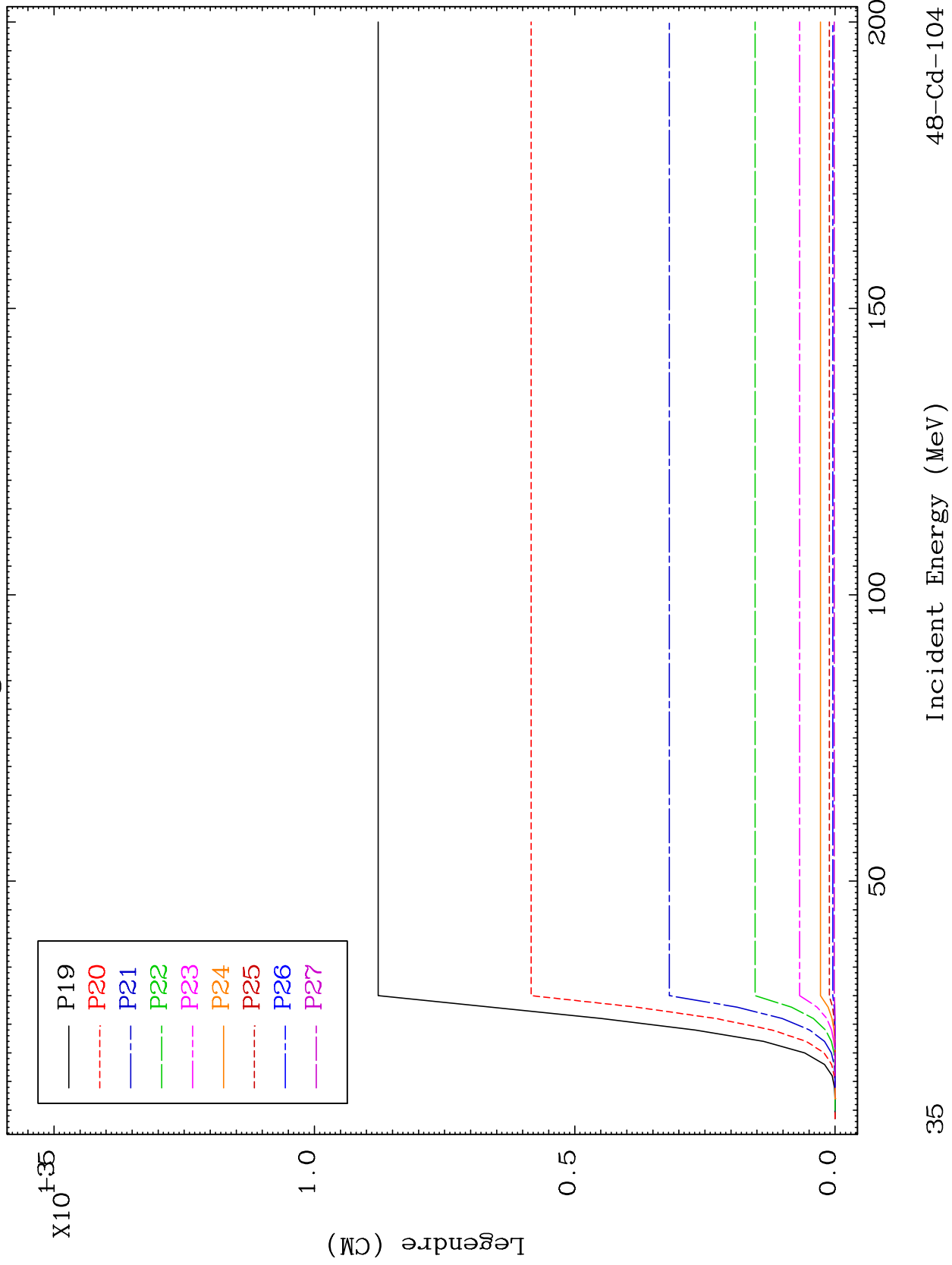
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



35

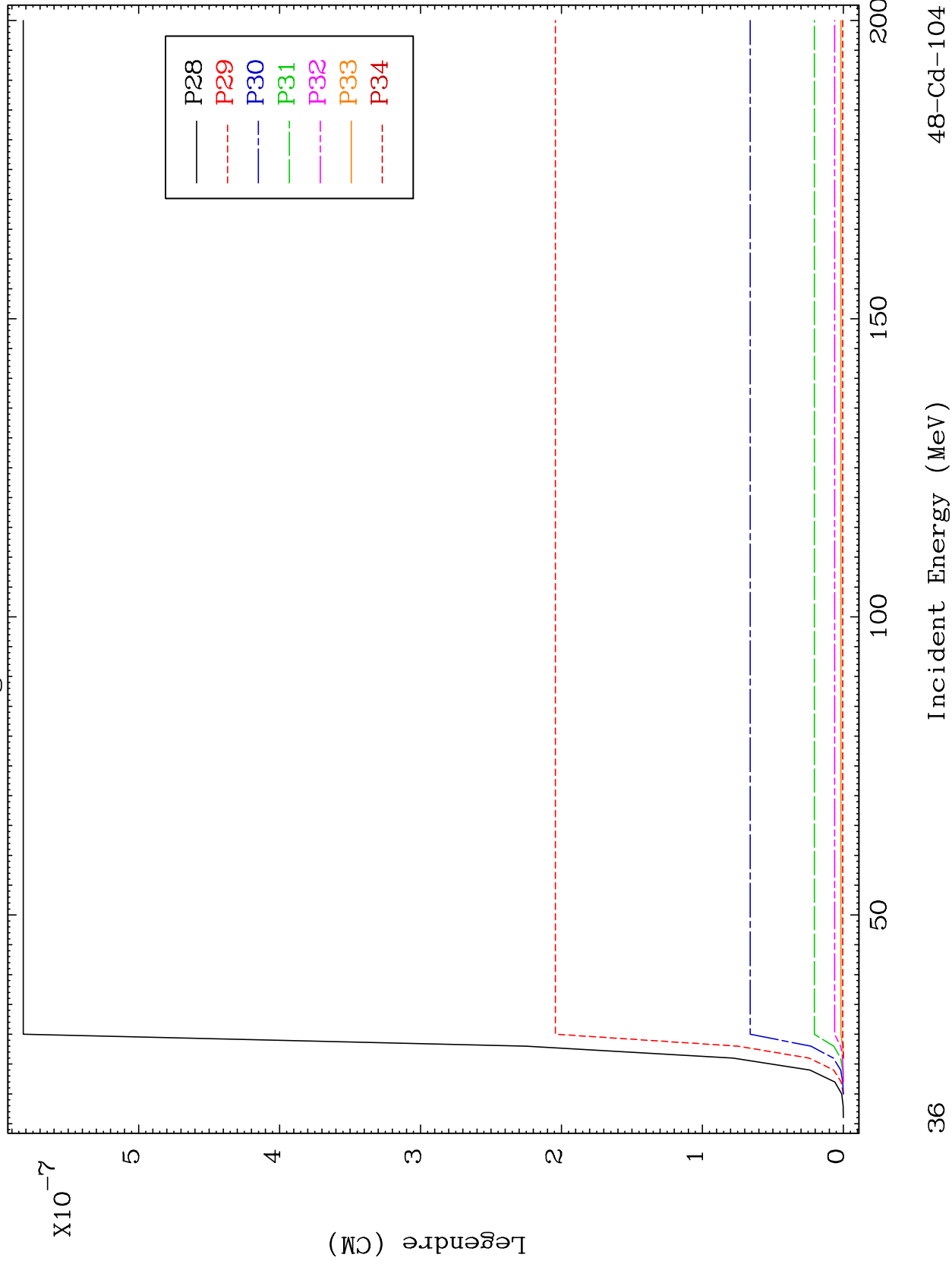
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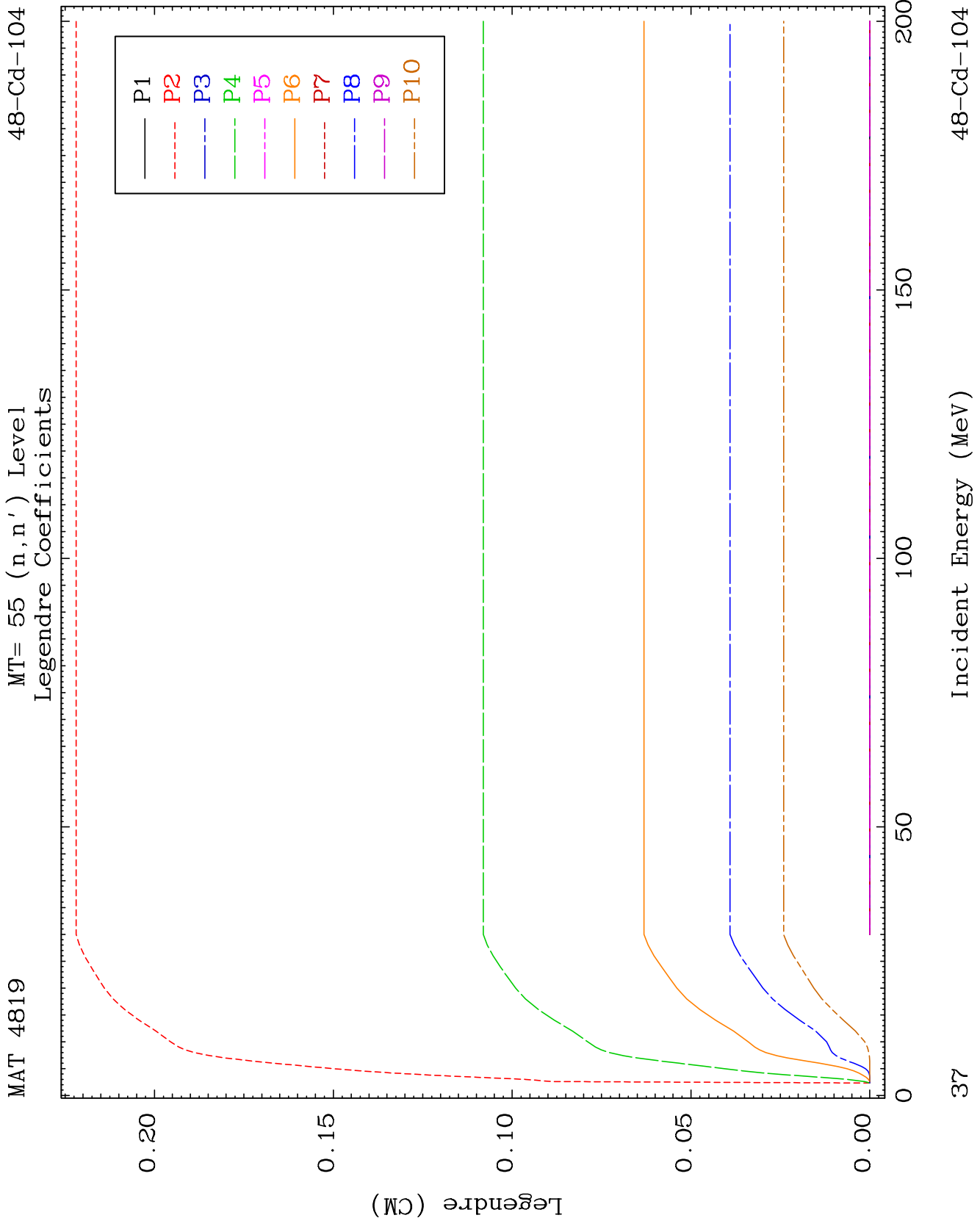
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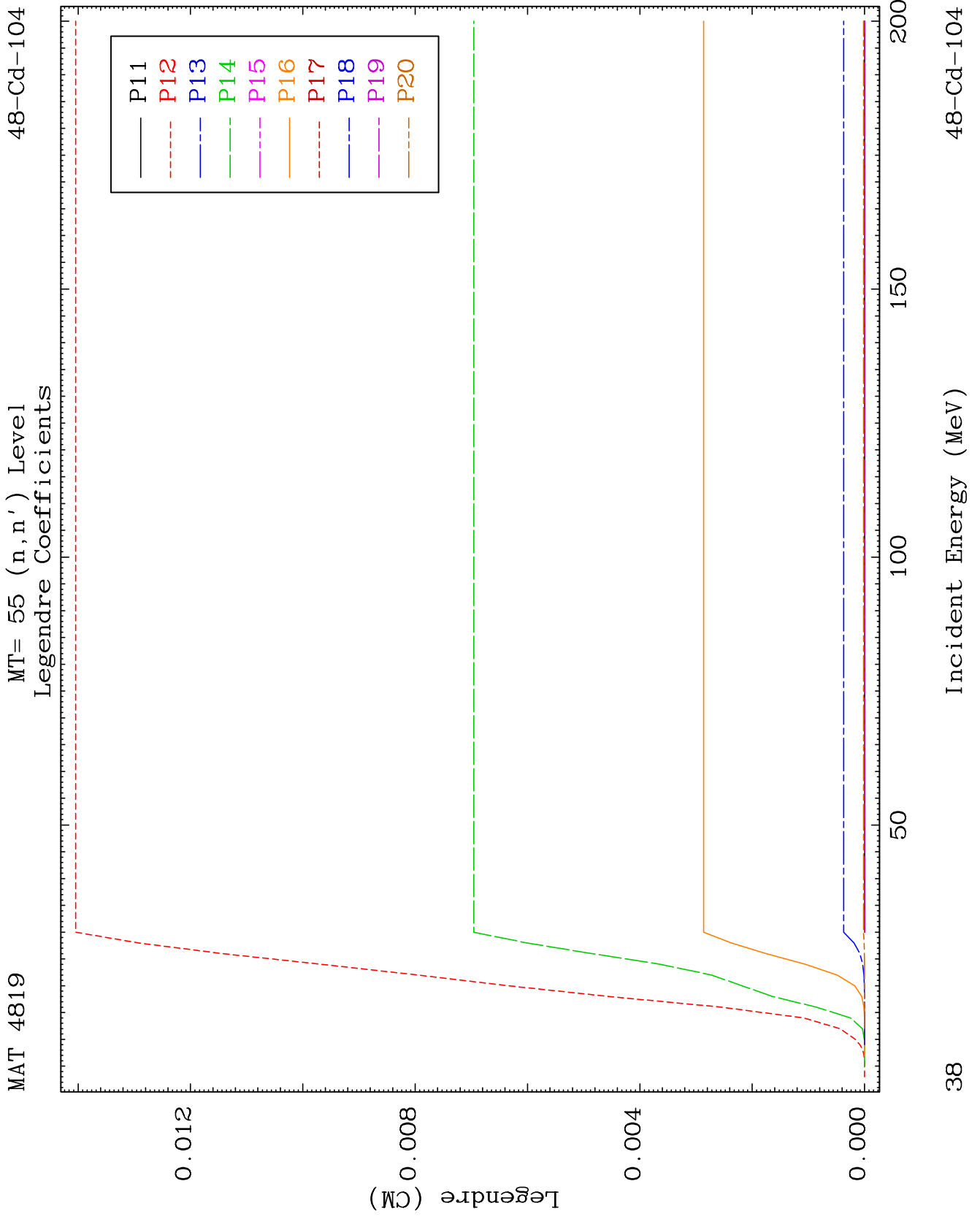
MAT 4819

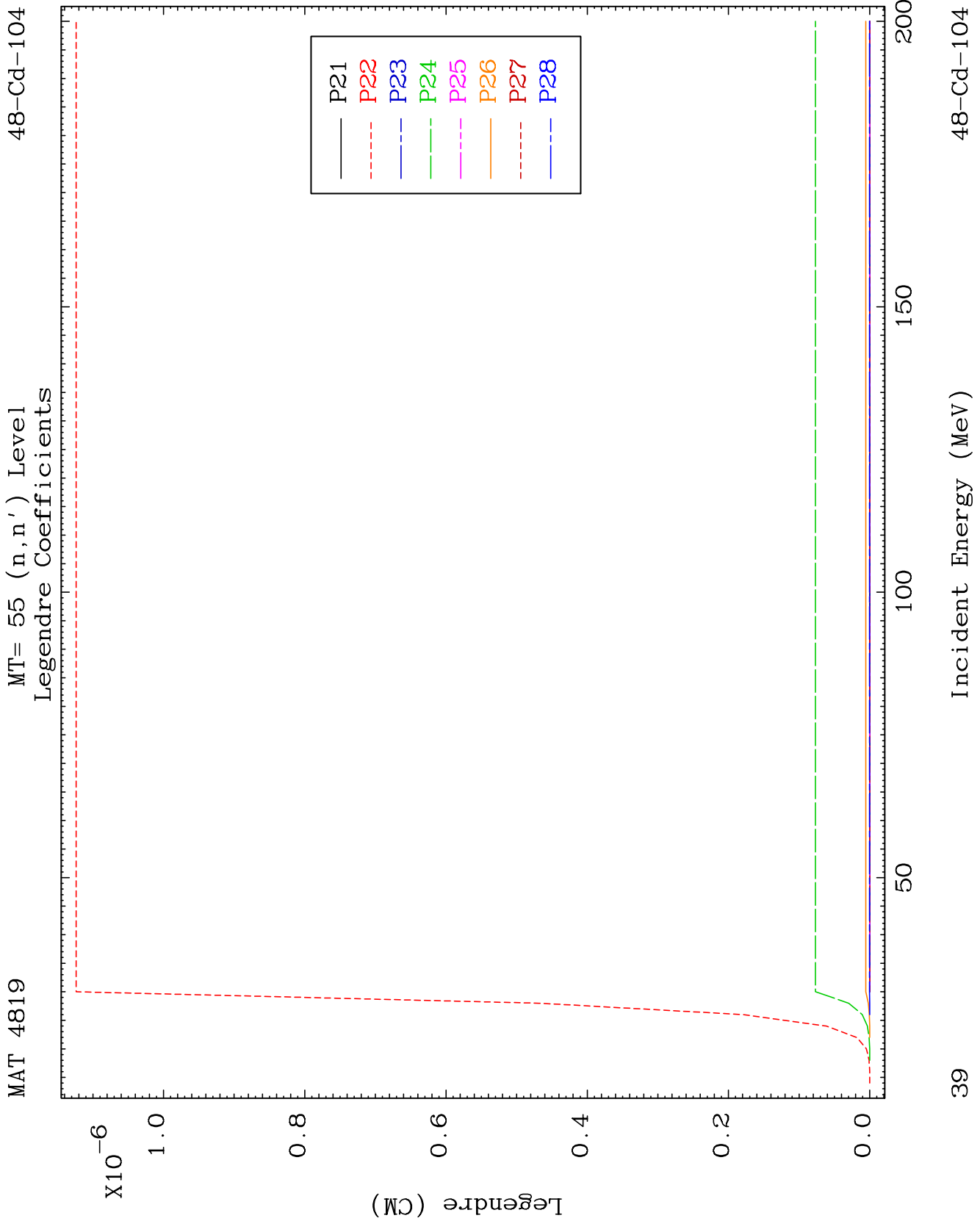
MT= 54 (n,n') Level
Legendre Coefficients

48-Cd-104





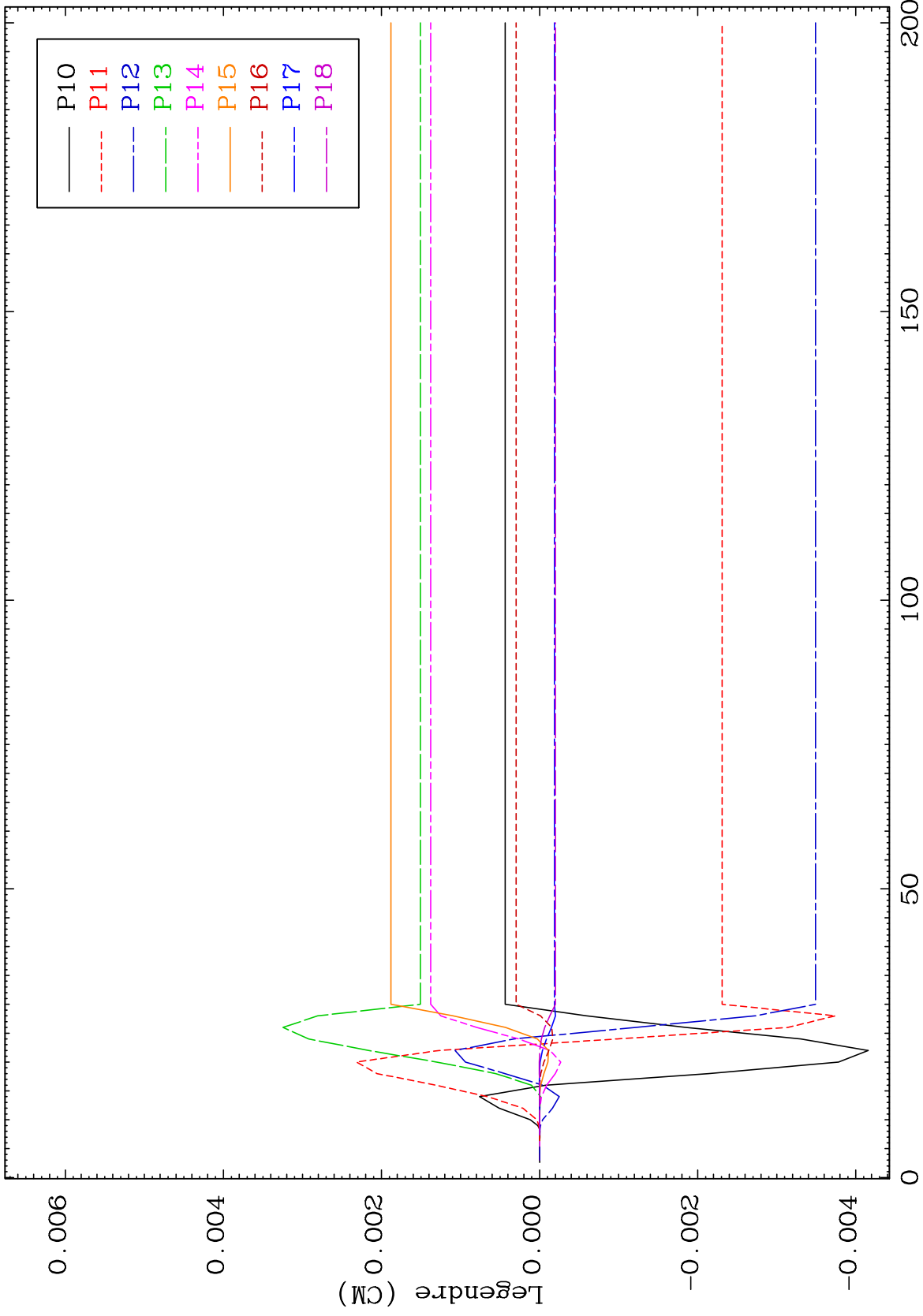




MAT 4819

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

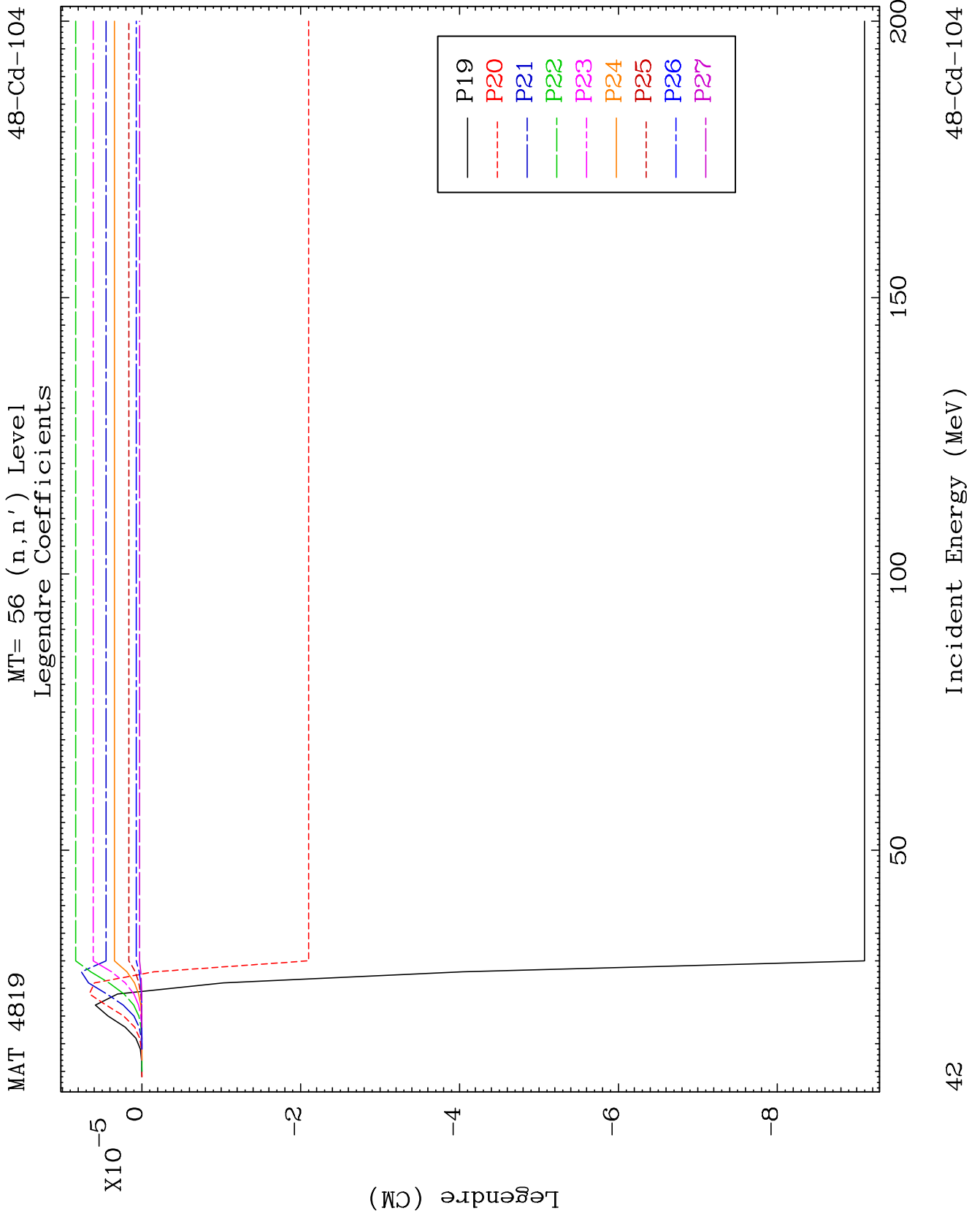
48-Cd-104



41

Incident Energy (MeV)

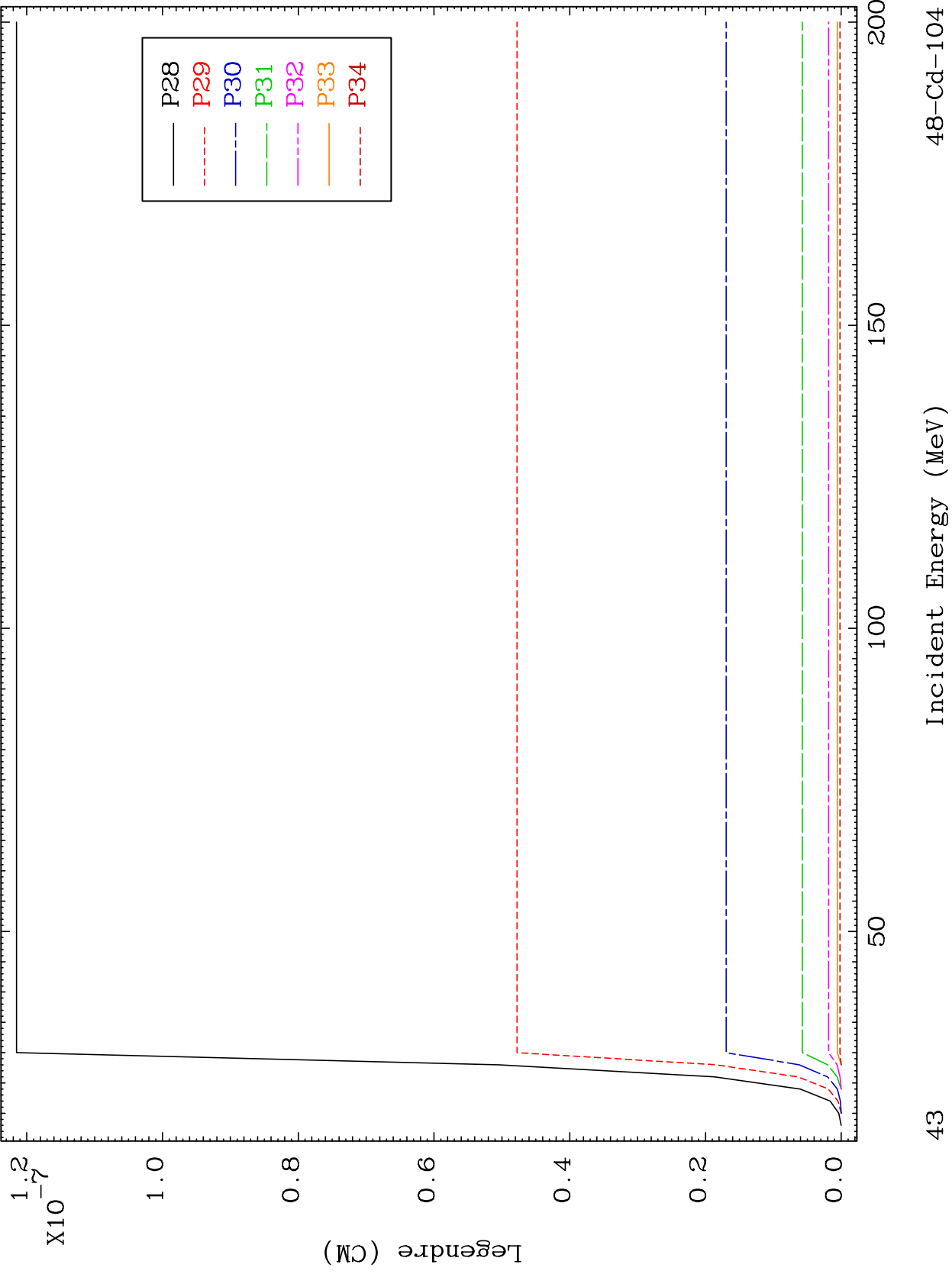
48-Cd-104



MAT 4819

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

48-Cd-104

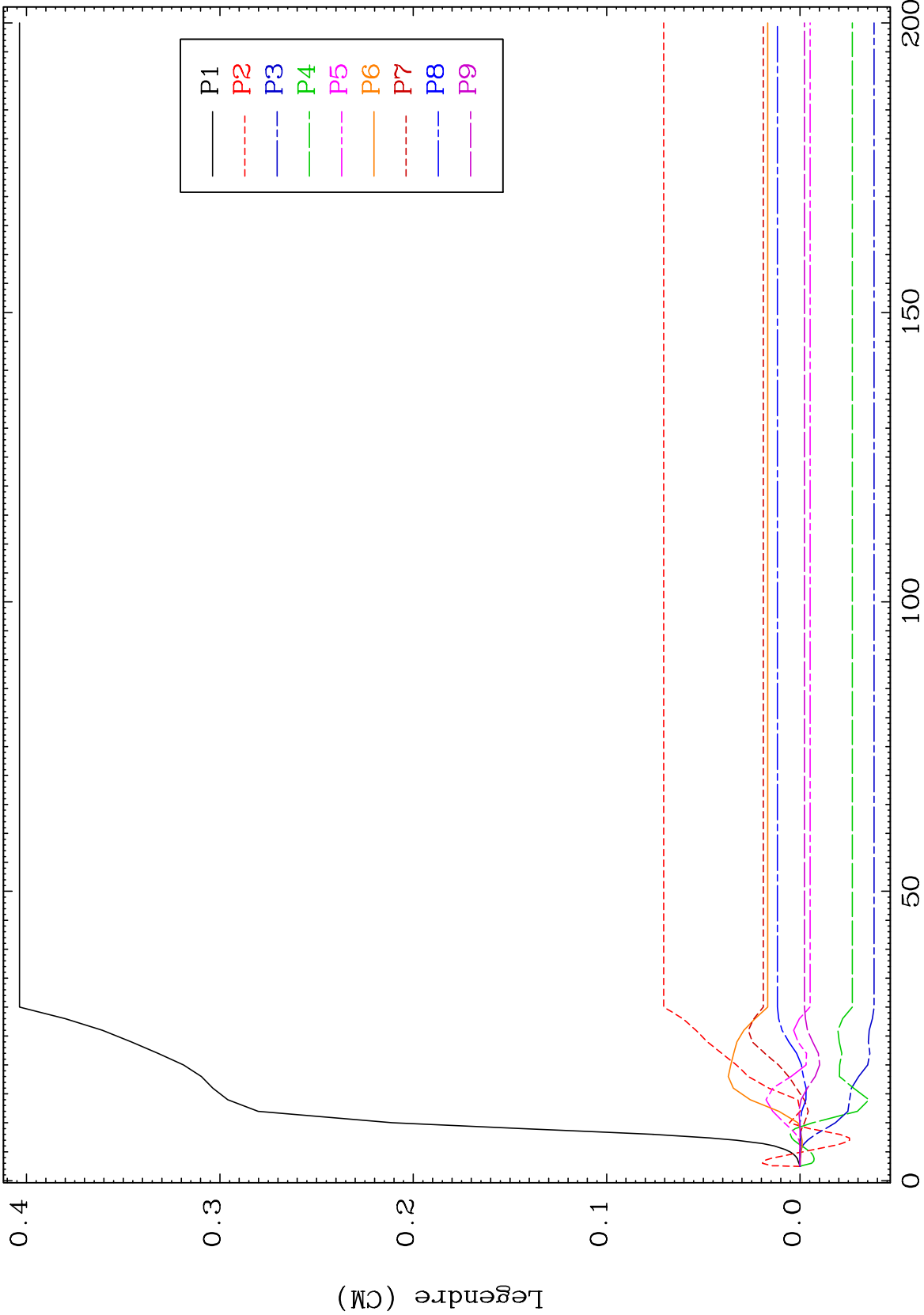


43

MAT 4819

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

48-Cd-104



44

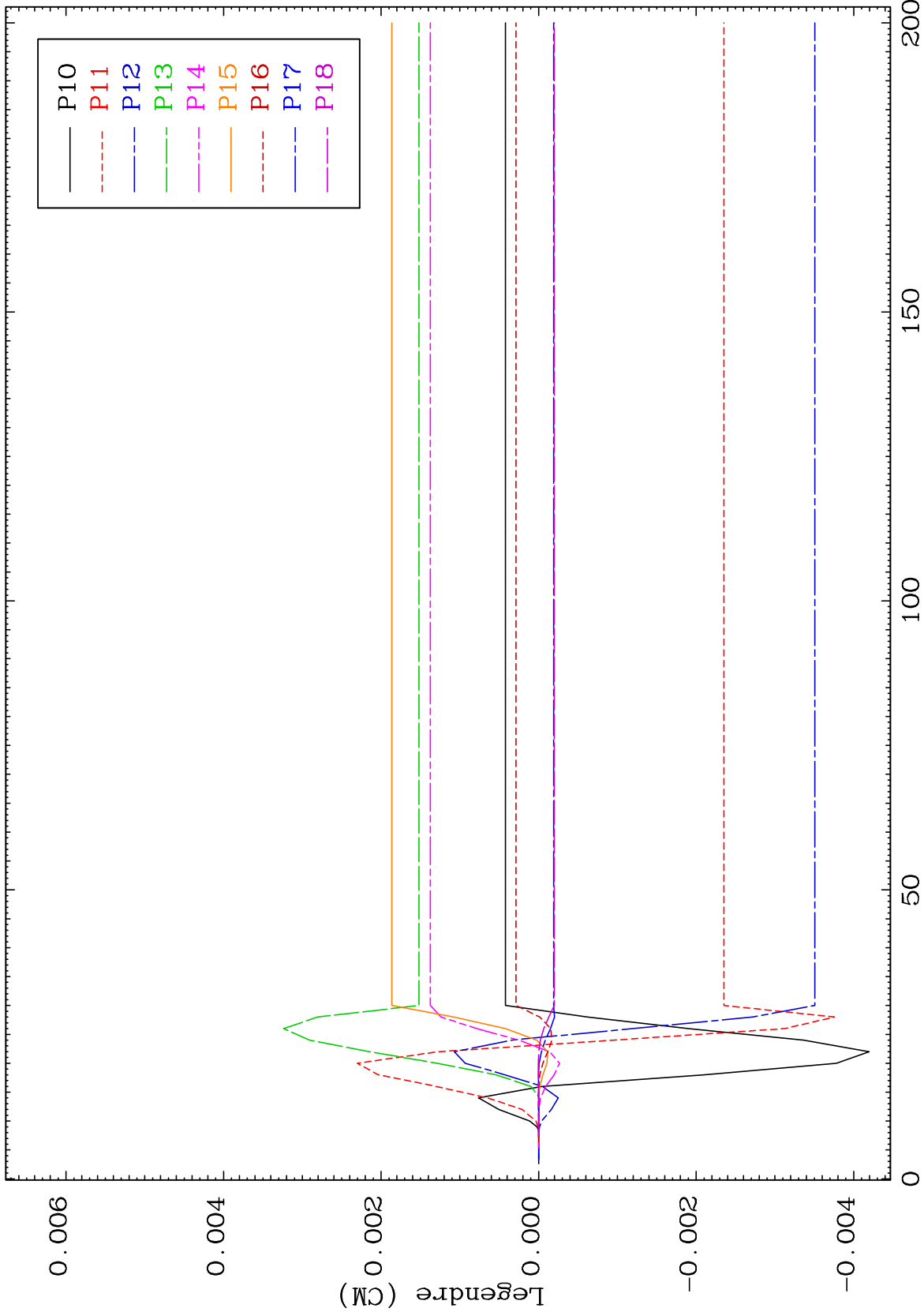
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

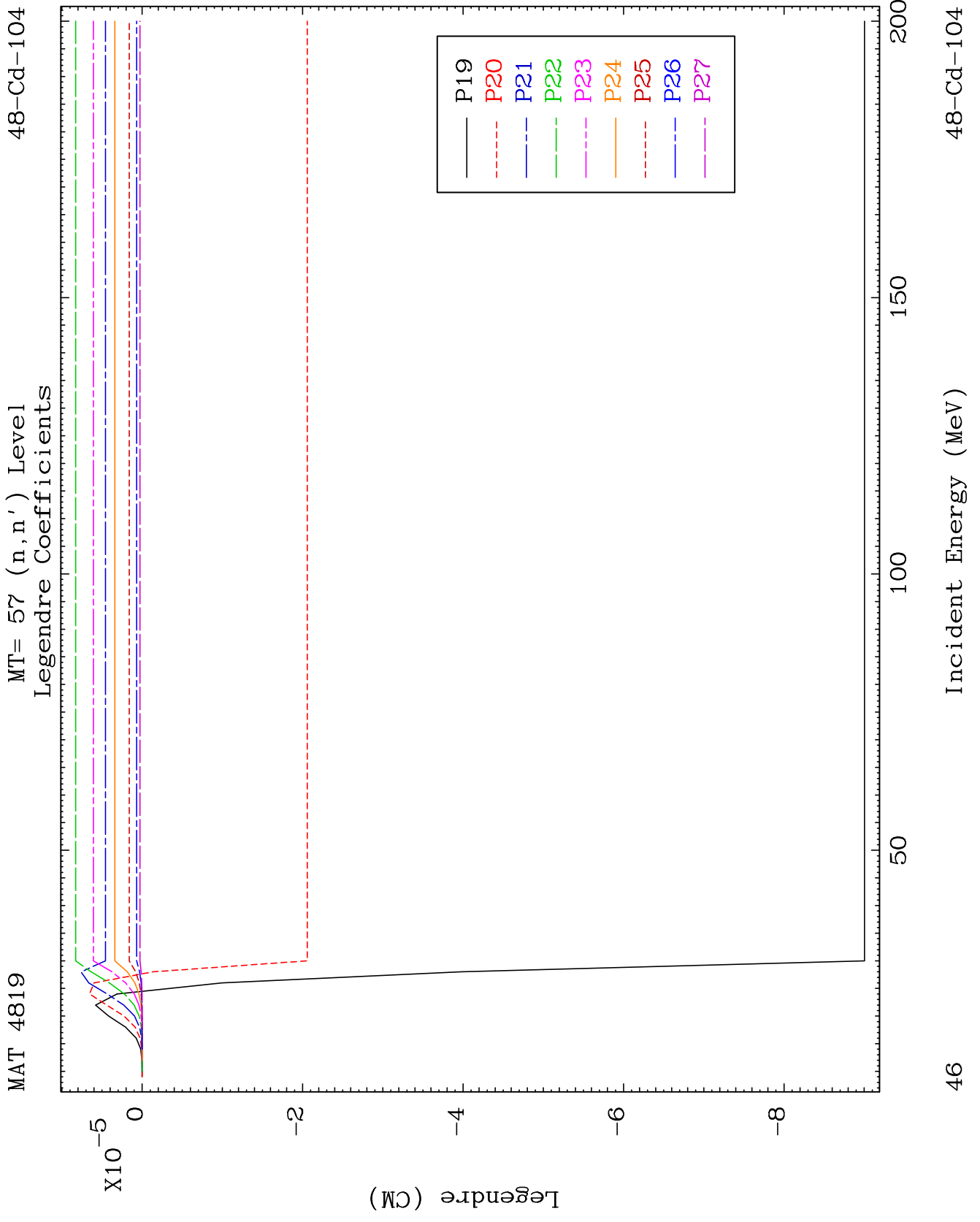
48-Cd-104



45

Incident Energy (MeV)

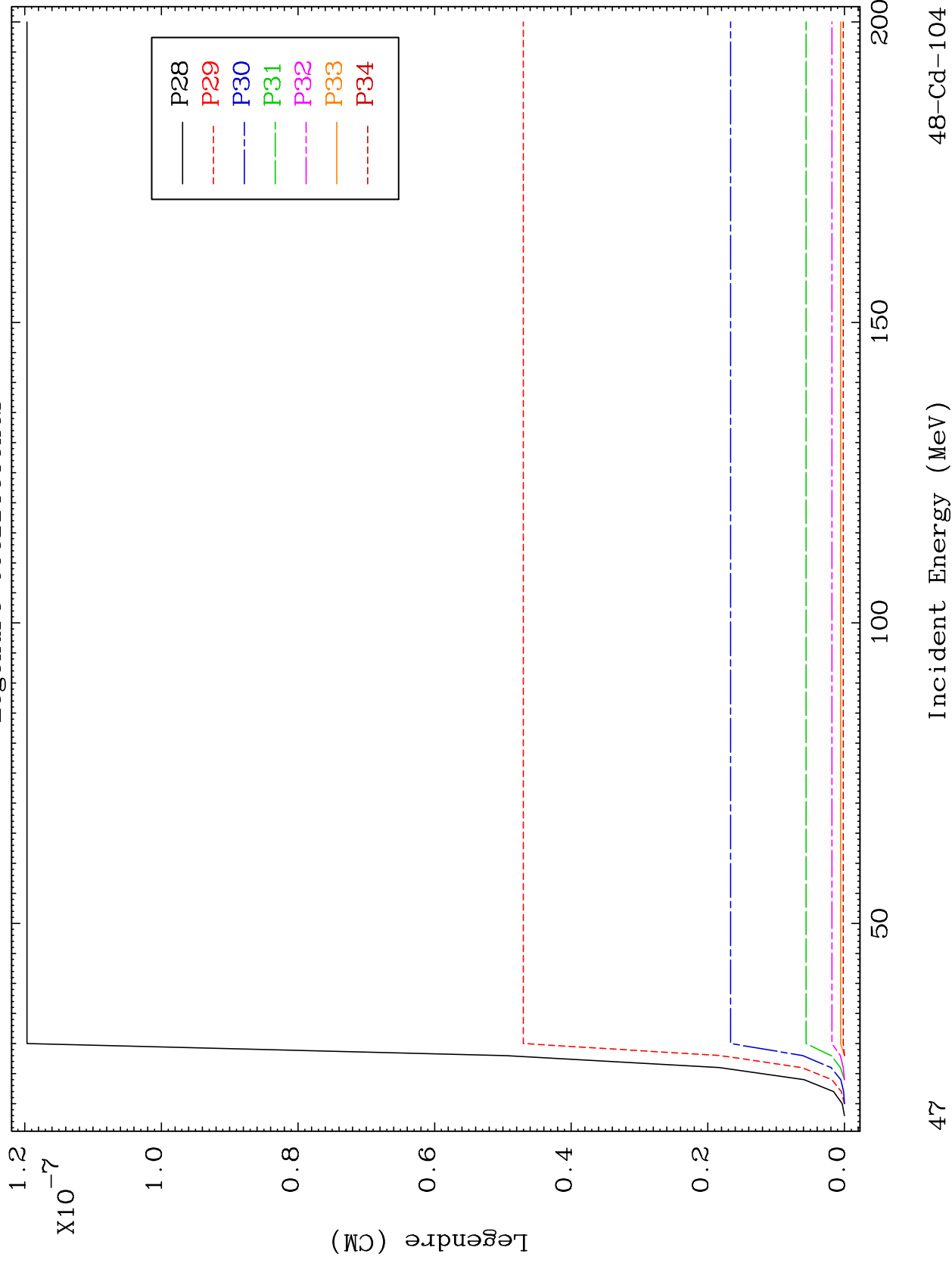
48-Cd-104



MAT 4819

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

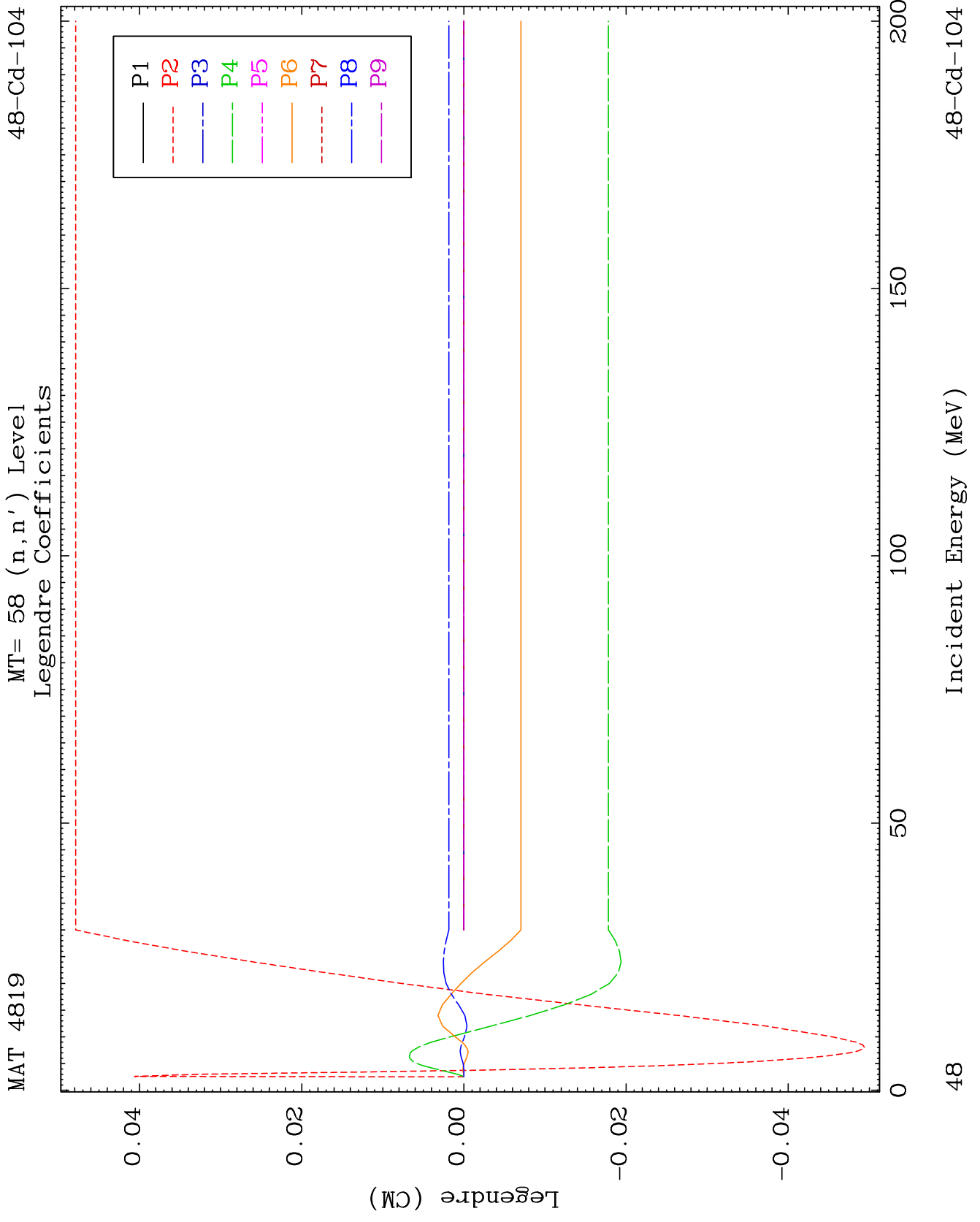
48-Cd-104



47

Incident Energy (MeV)

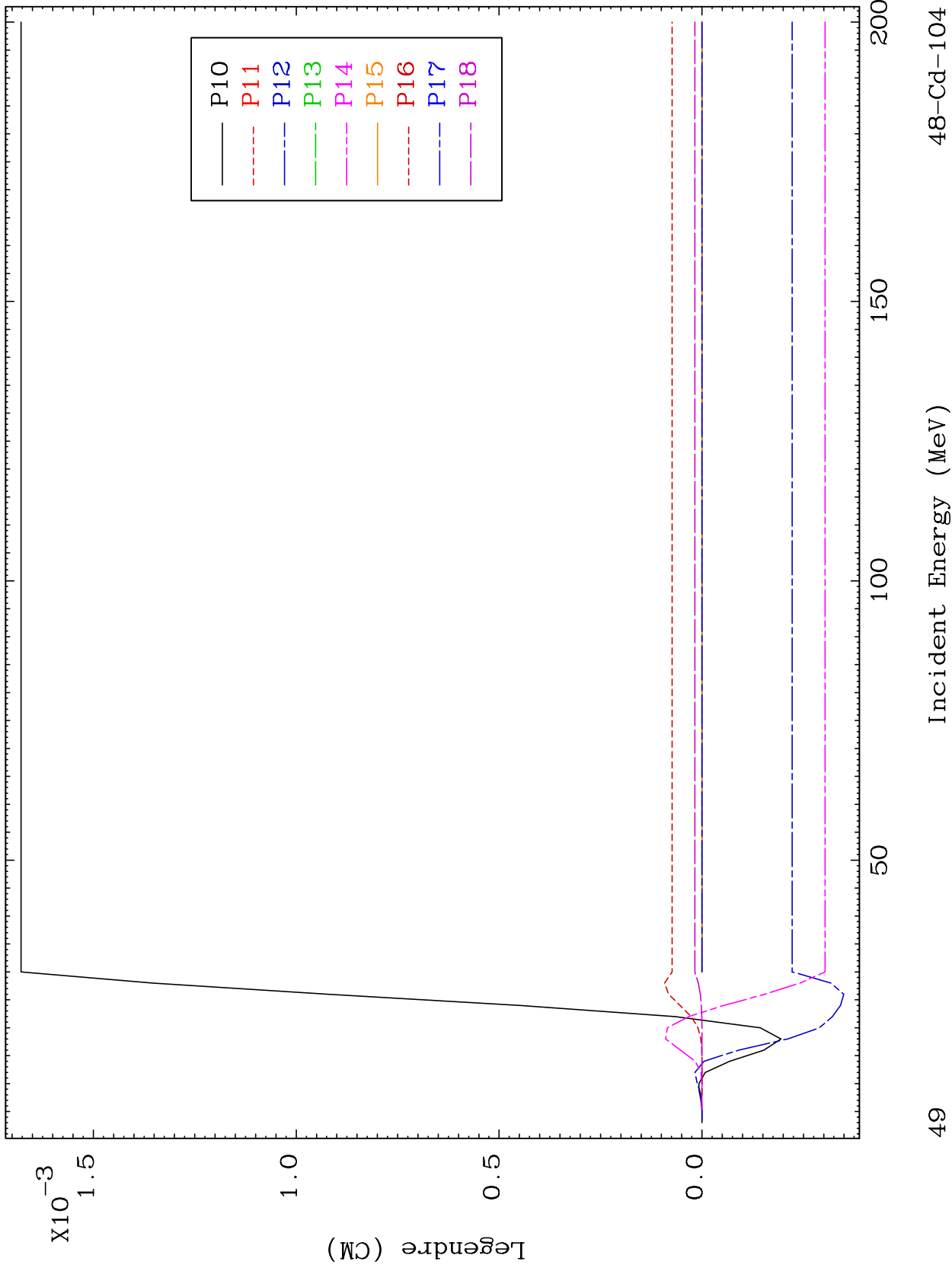
48-Cd-104



MAT 4819

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

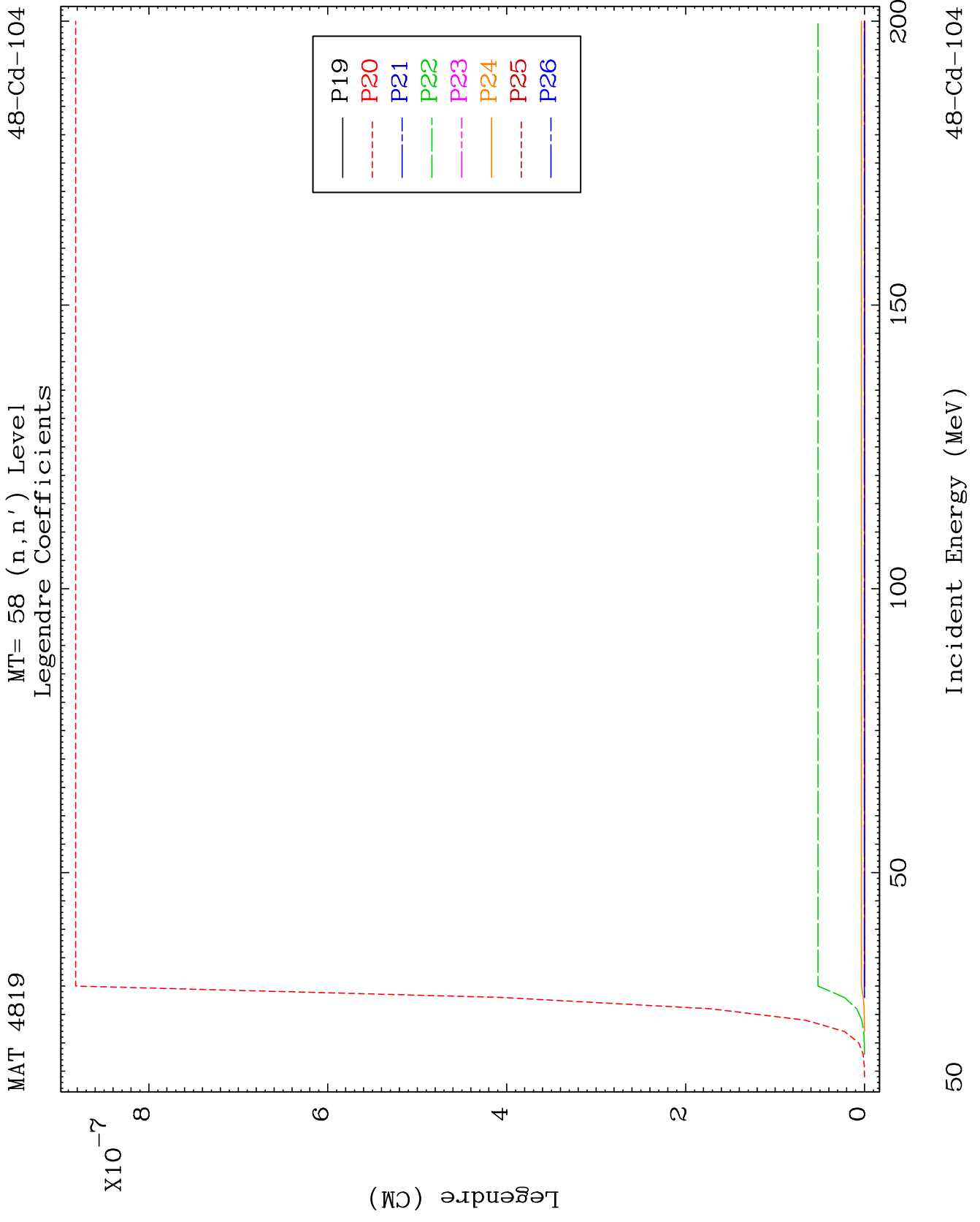
48-Cd-104



49

Incident Energy (MeV)

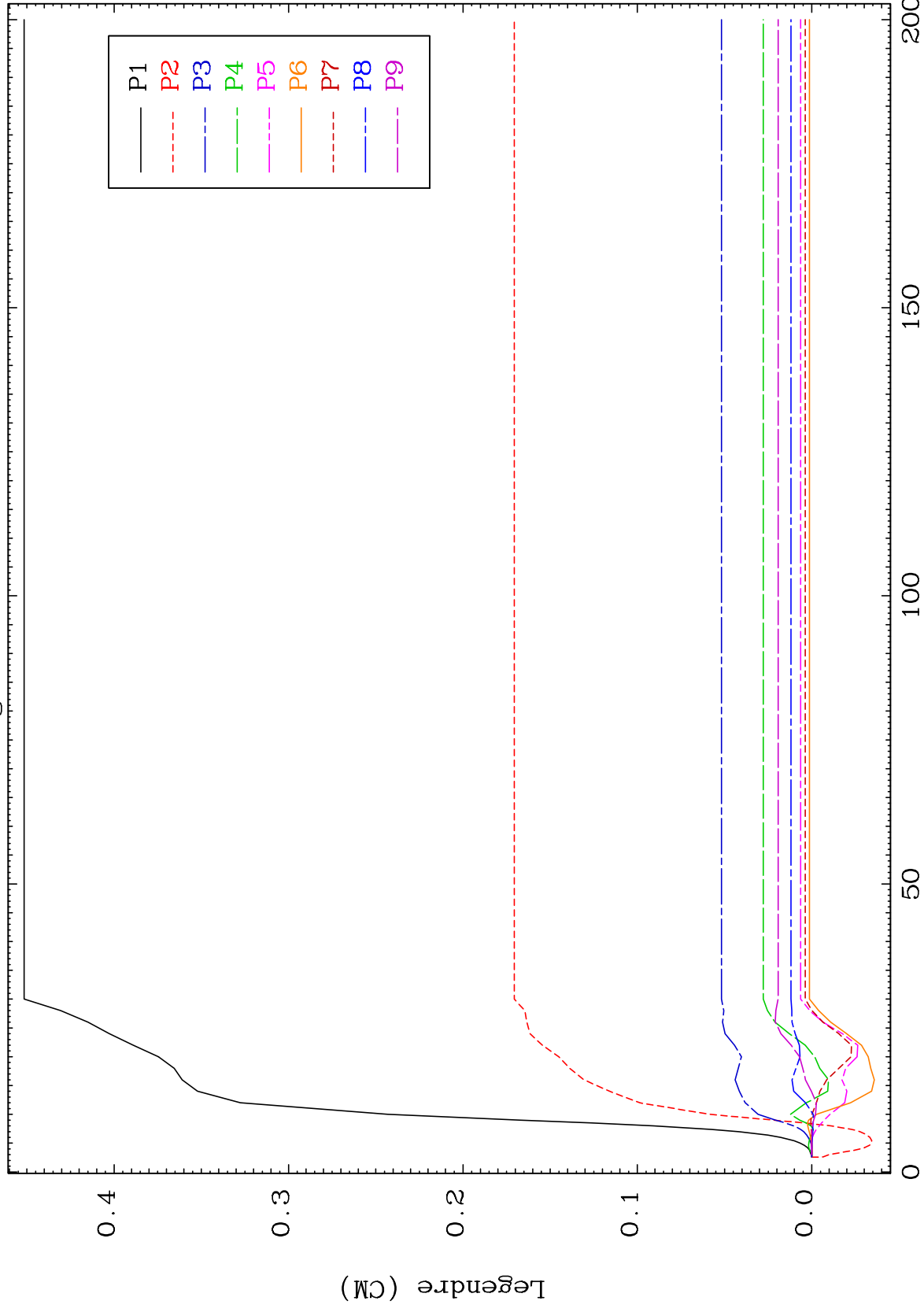
48-Cd-104



MAT 4819

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

48-Cd-104



51

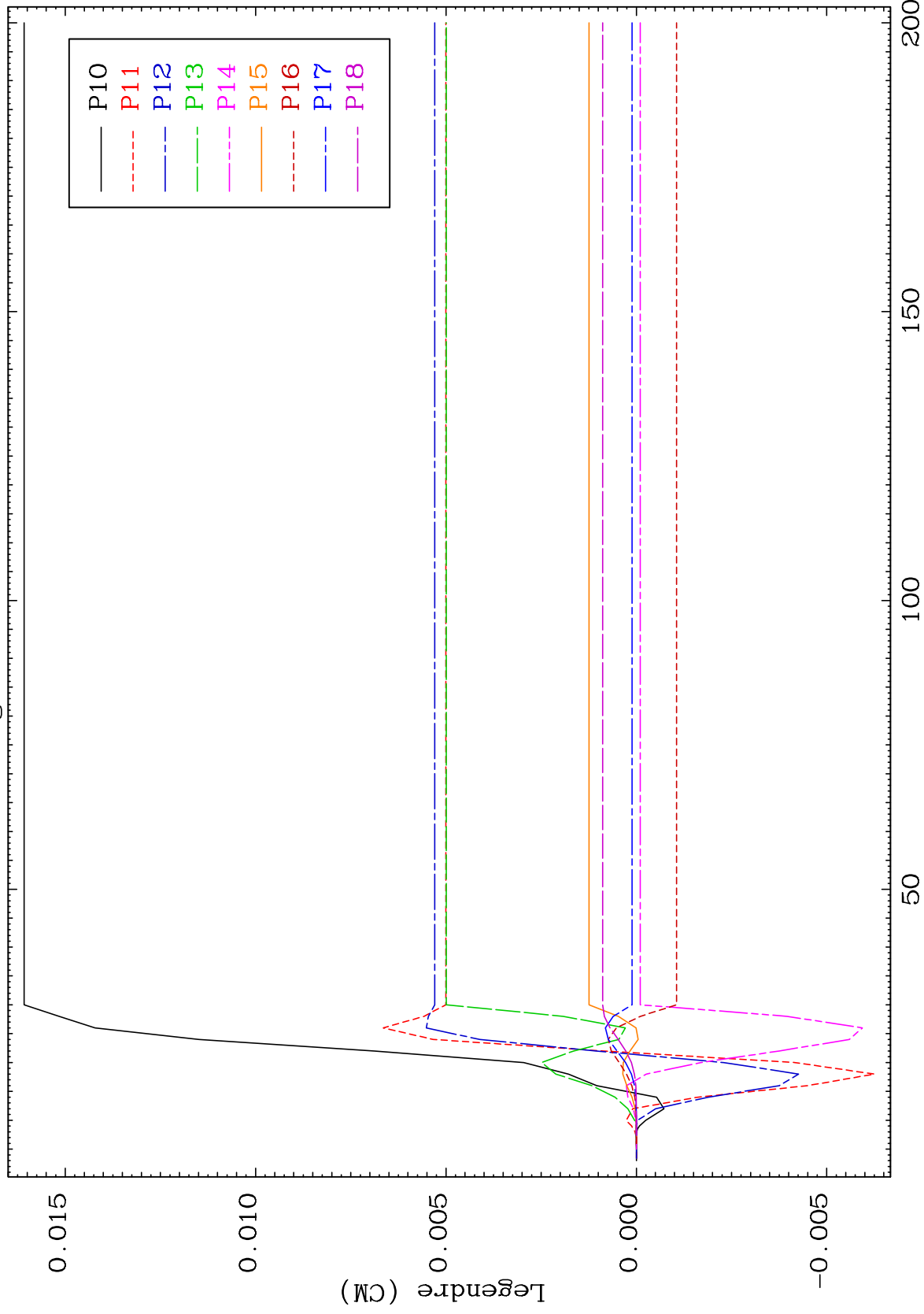
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



52

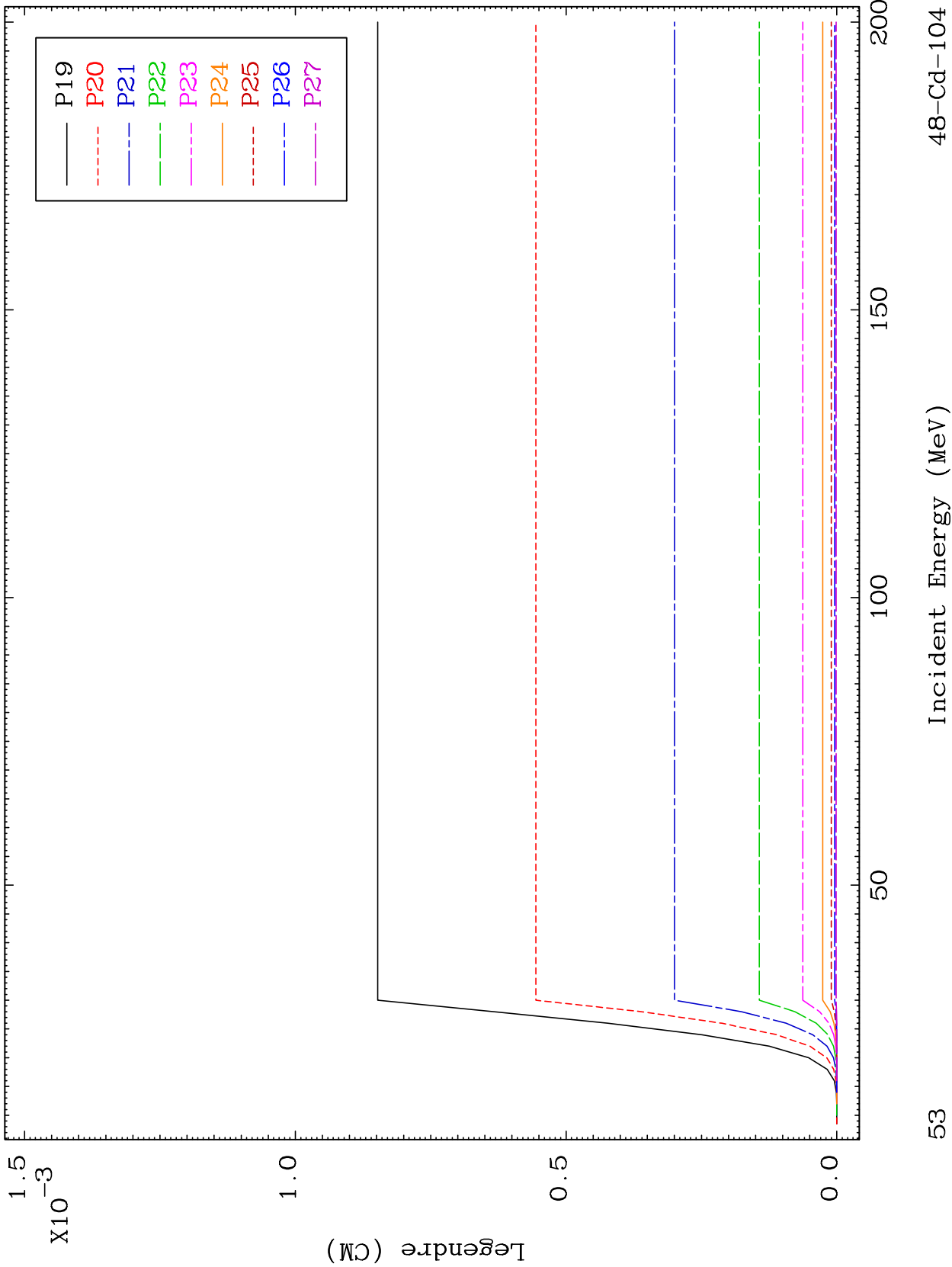
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



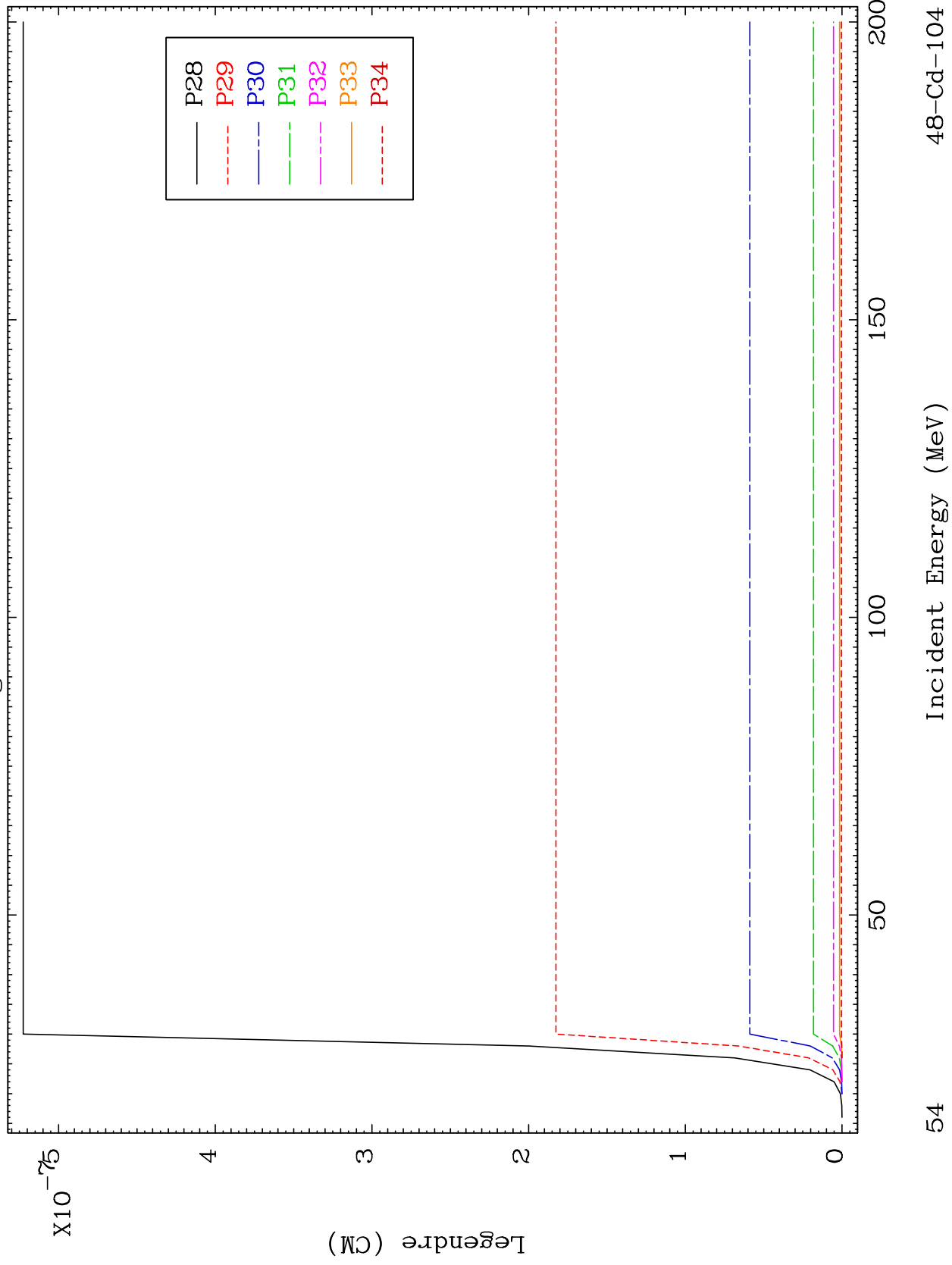
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48-Cd-104

MAT 4819

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

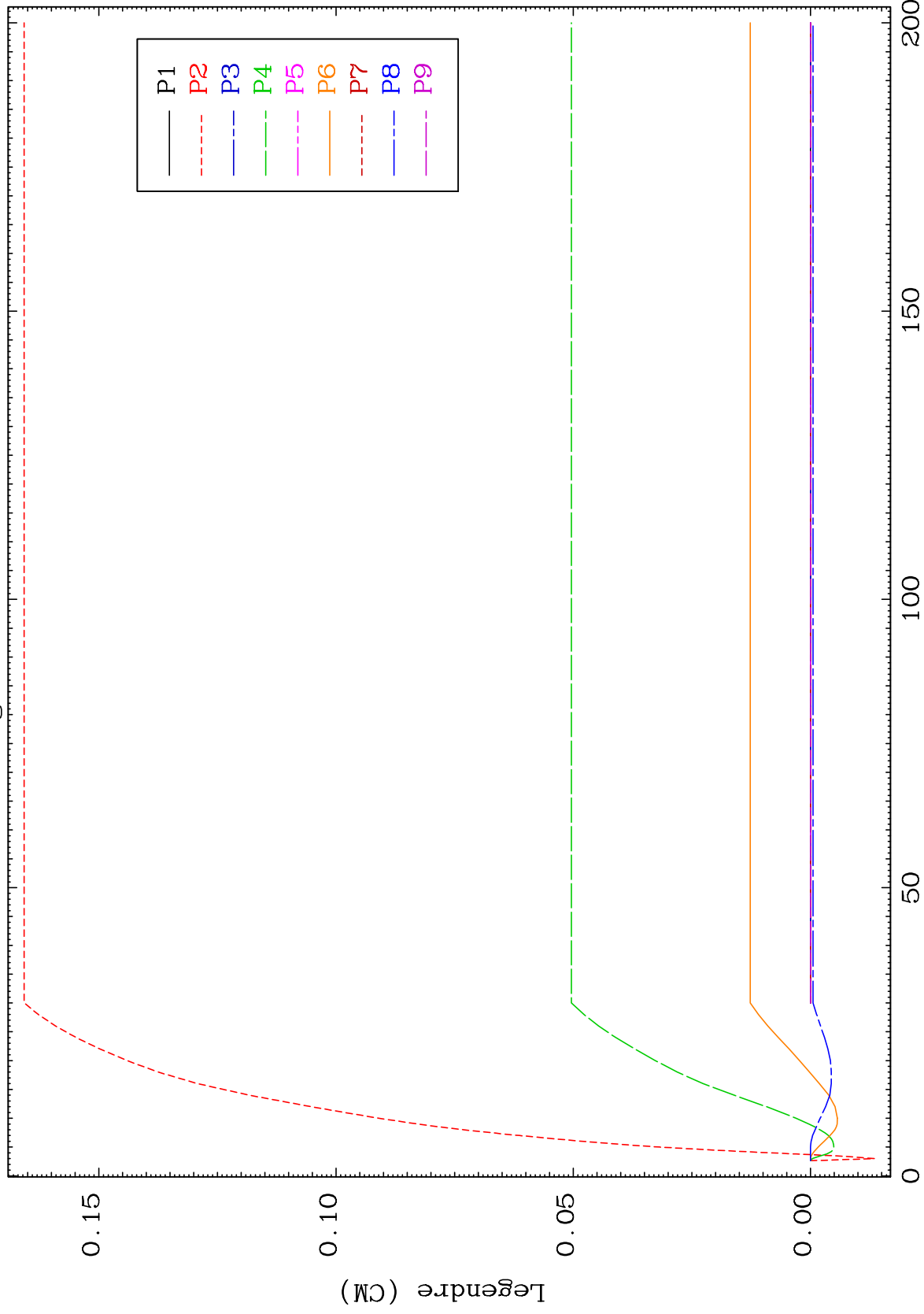
48-Cd-104



MAT 4819

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

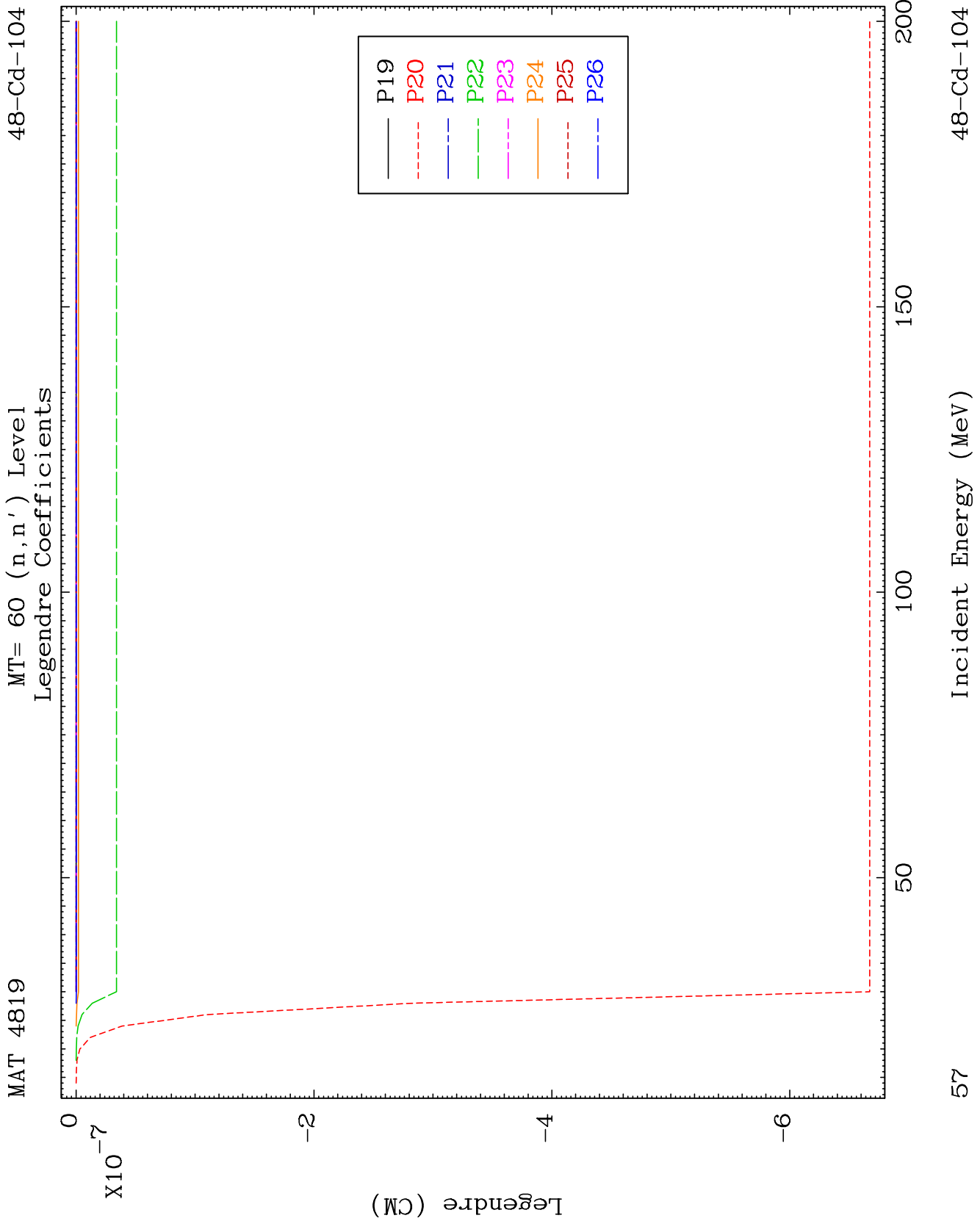
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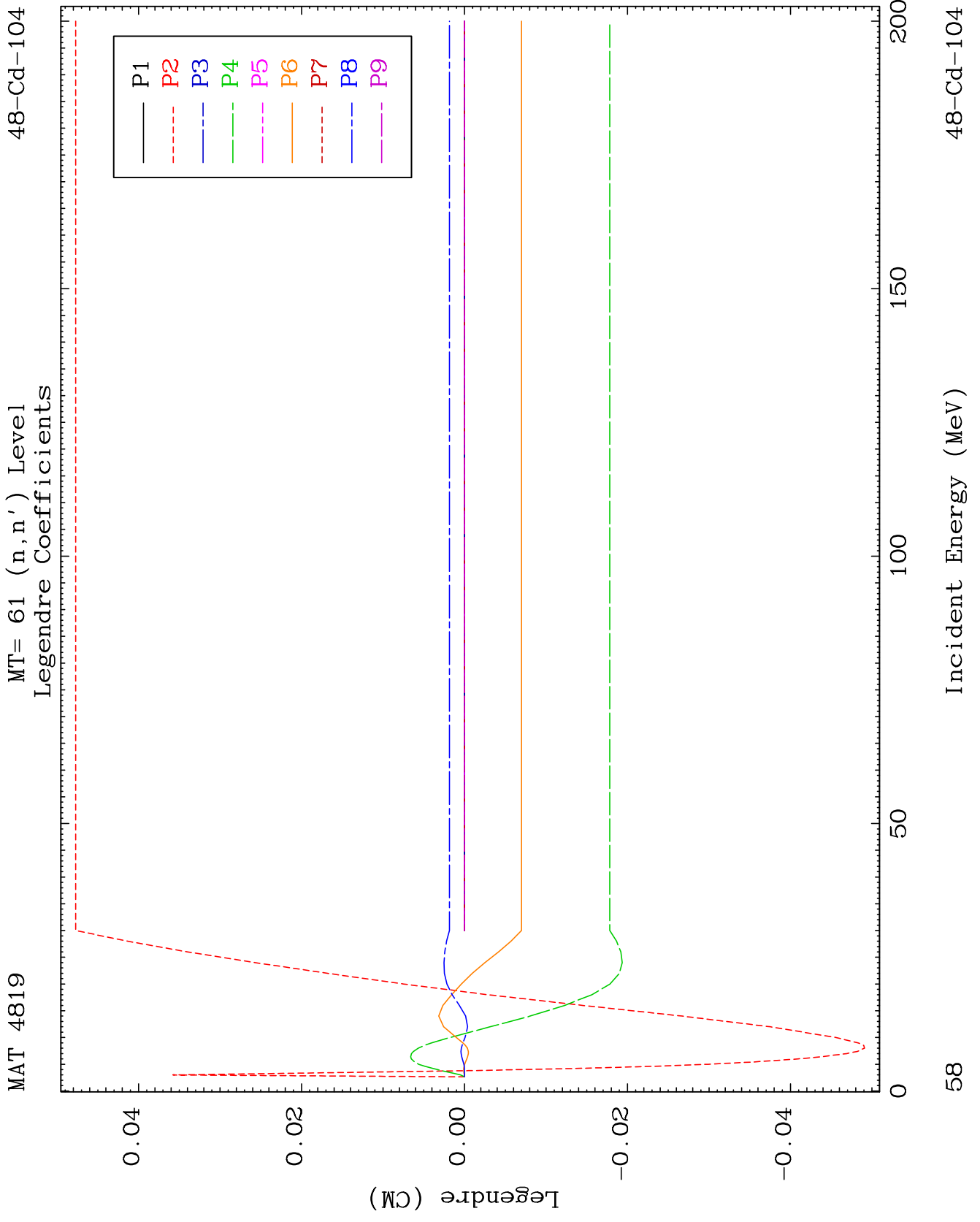


55

Incident Energy (MeV)

48-Cd-104

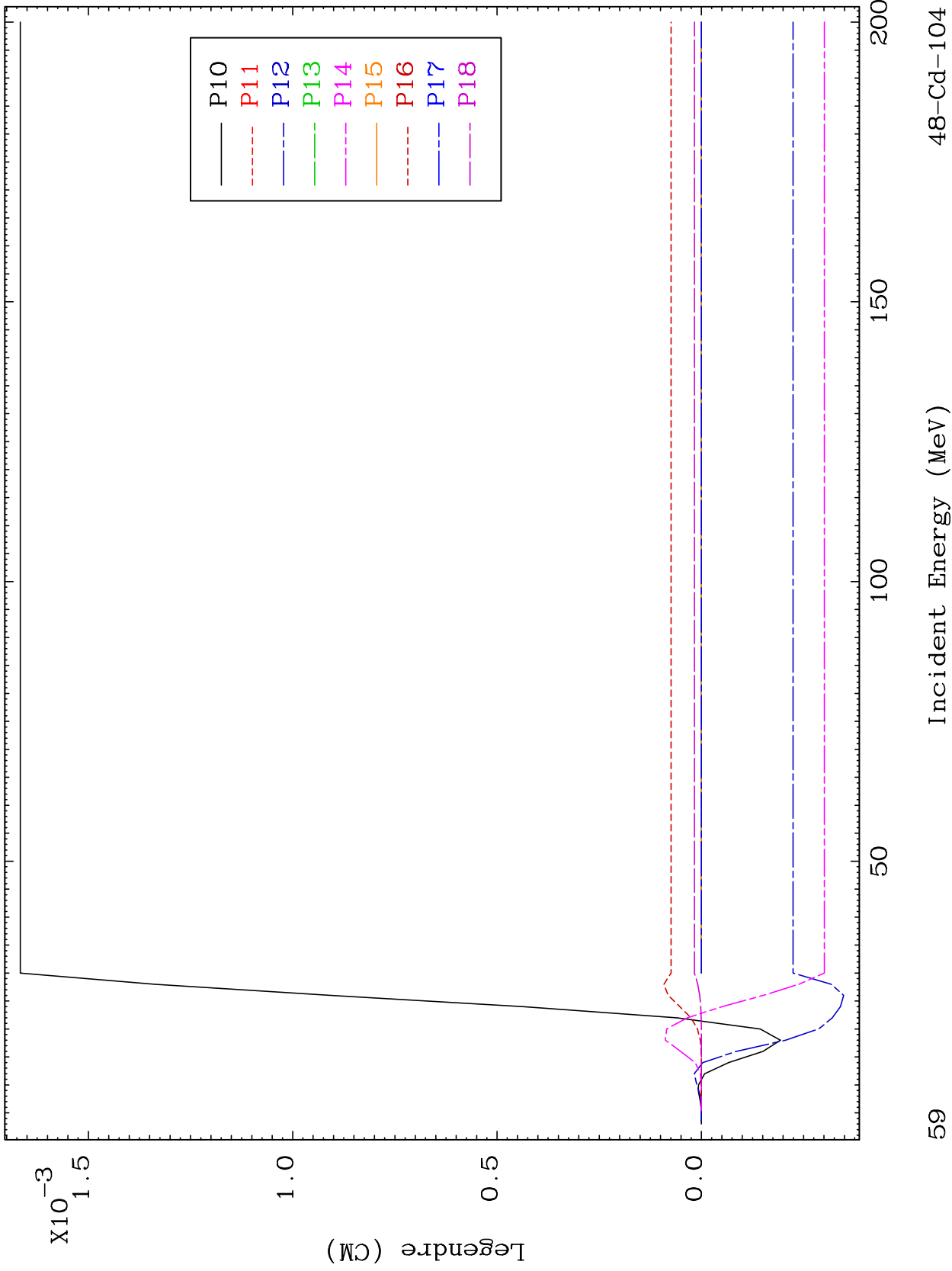




MAT 4819

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

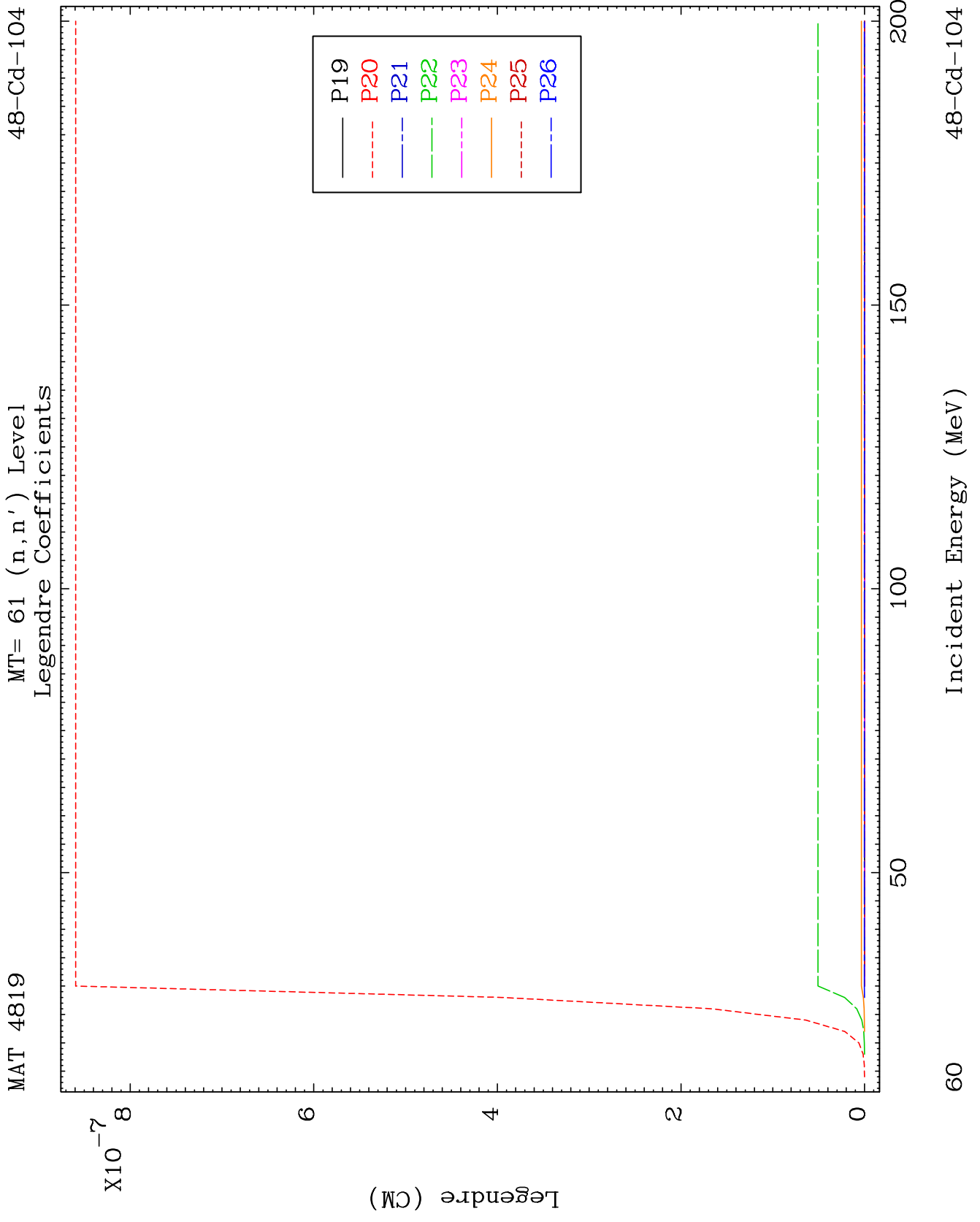
48-Cd-104



59

Incident Energy (MeV)

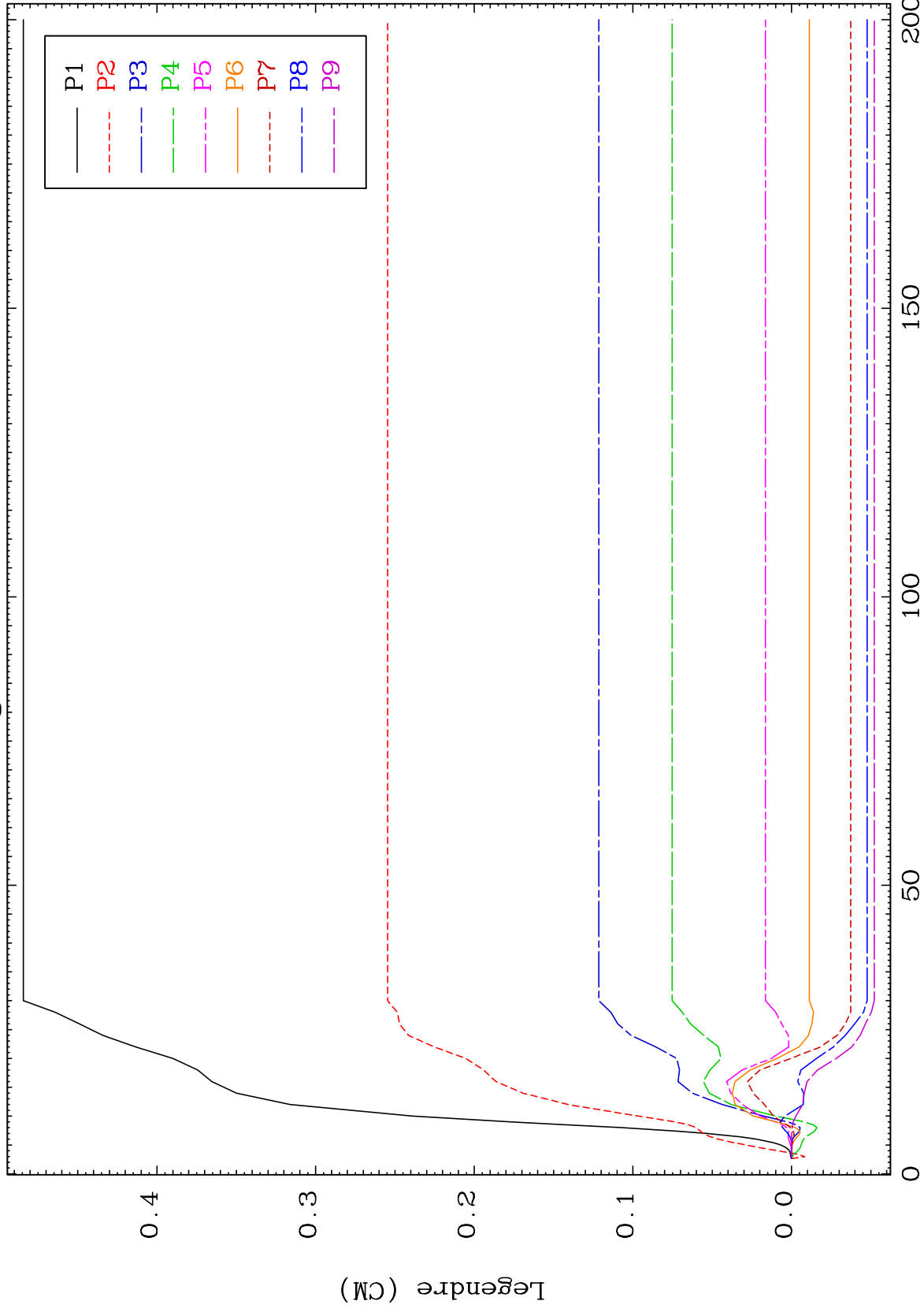
48-Cd-104



MAT 4819

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

48-Cd-104



61

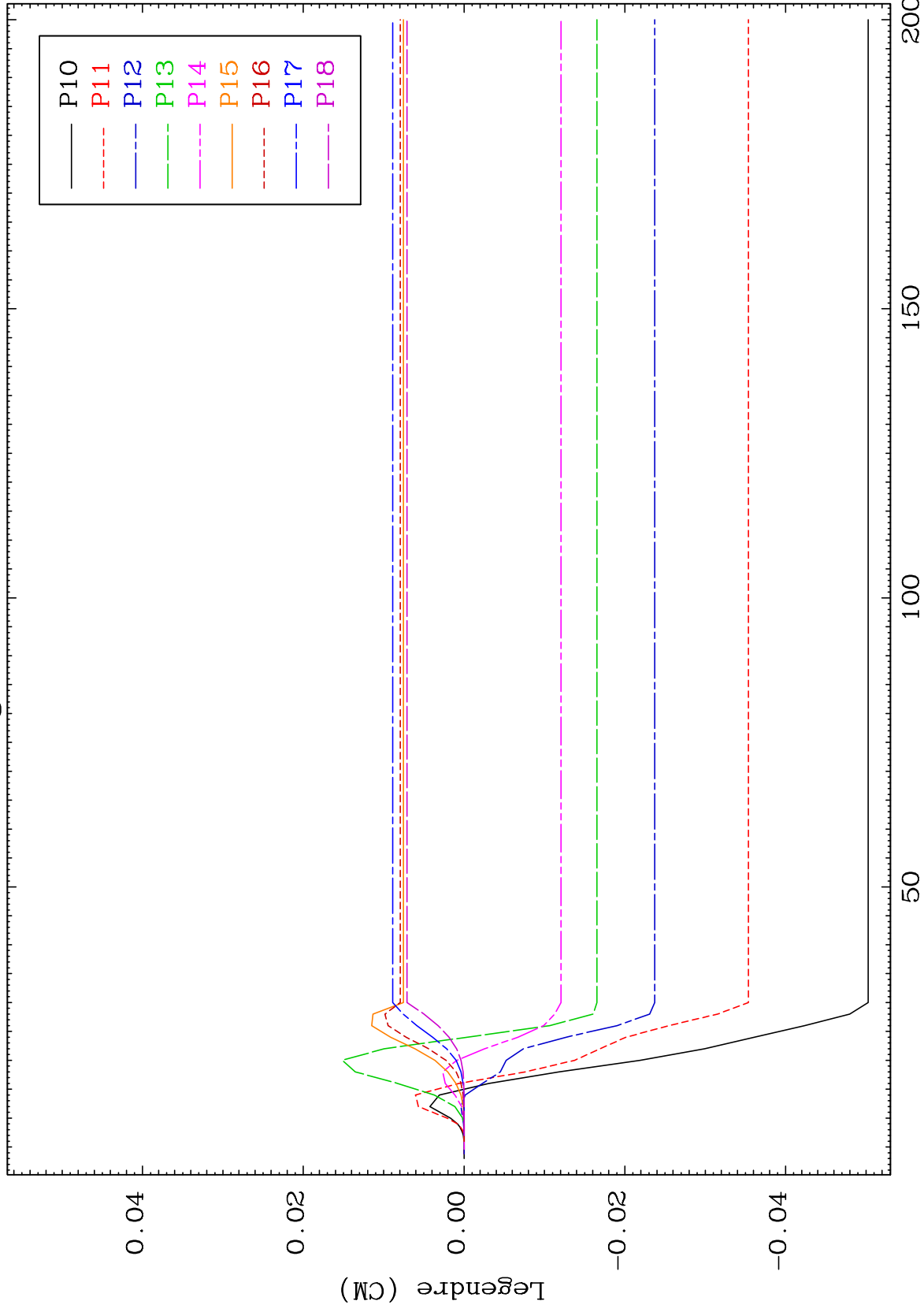
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



62

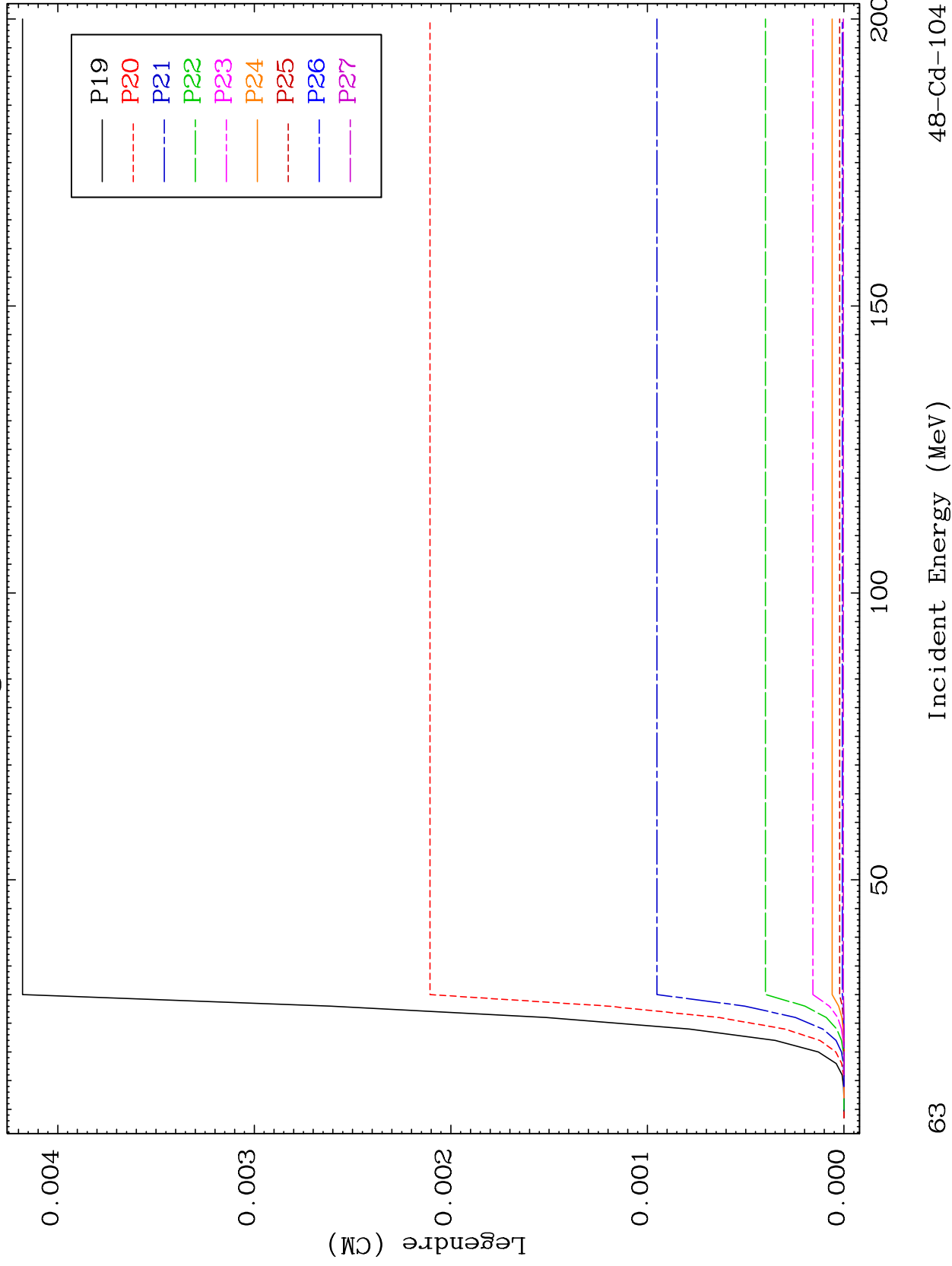
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



63

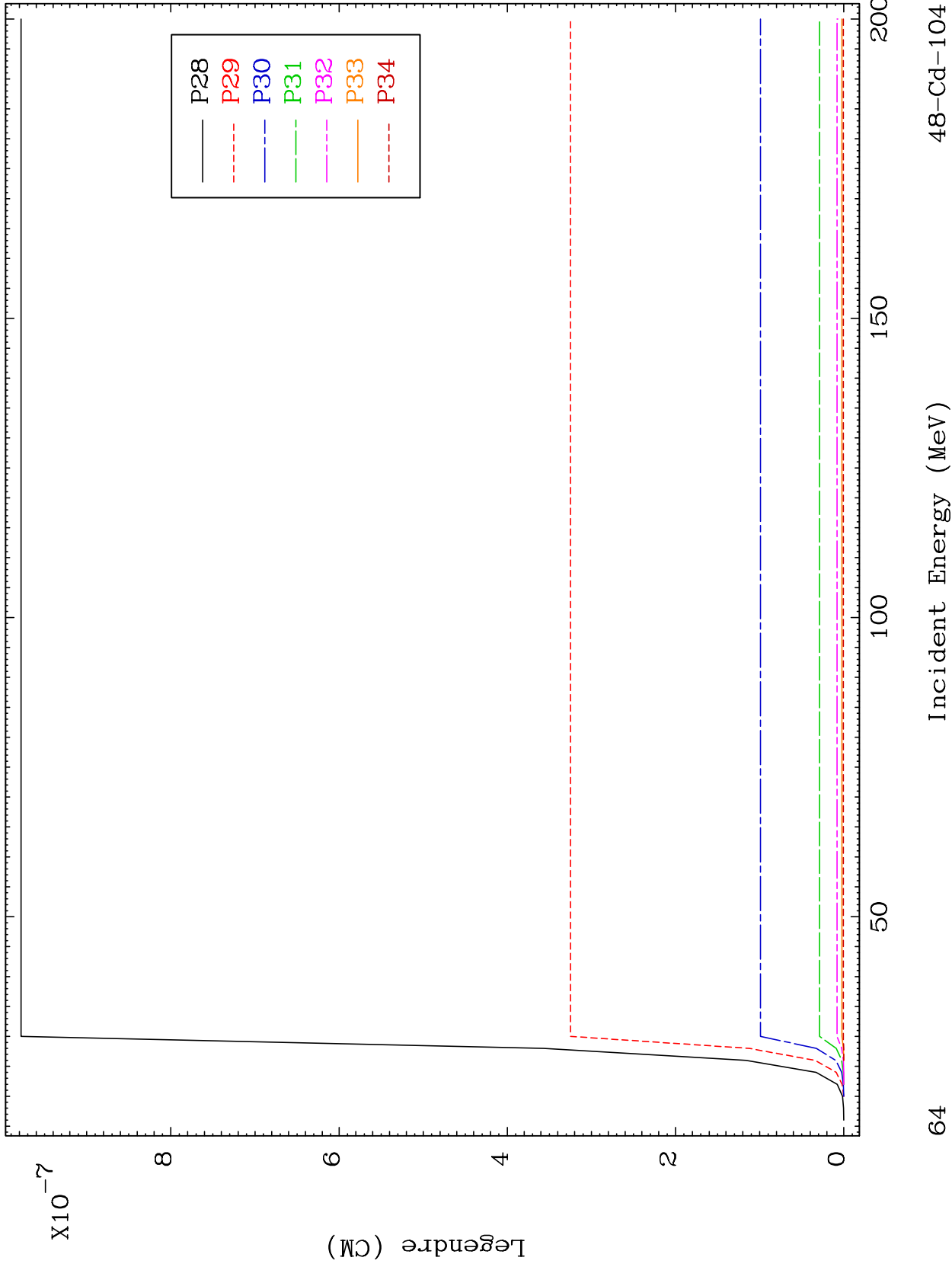
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

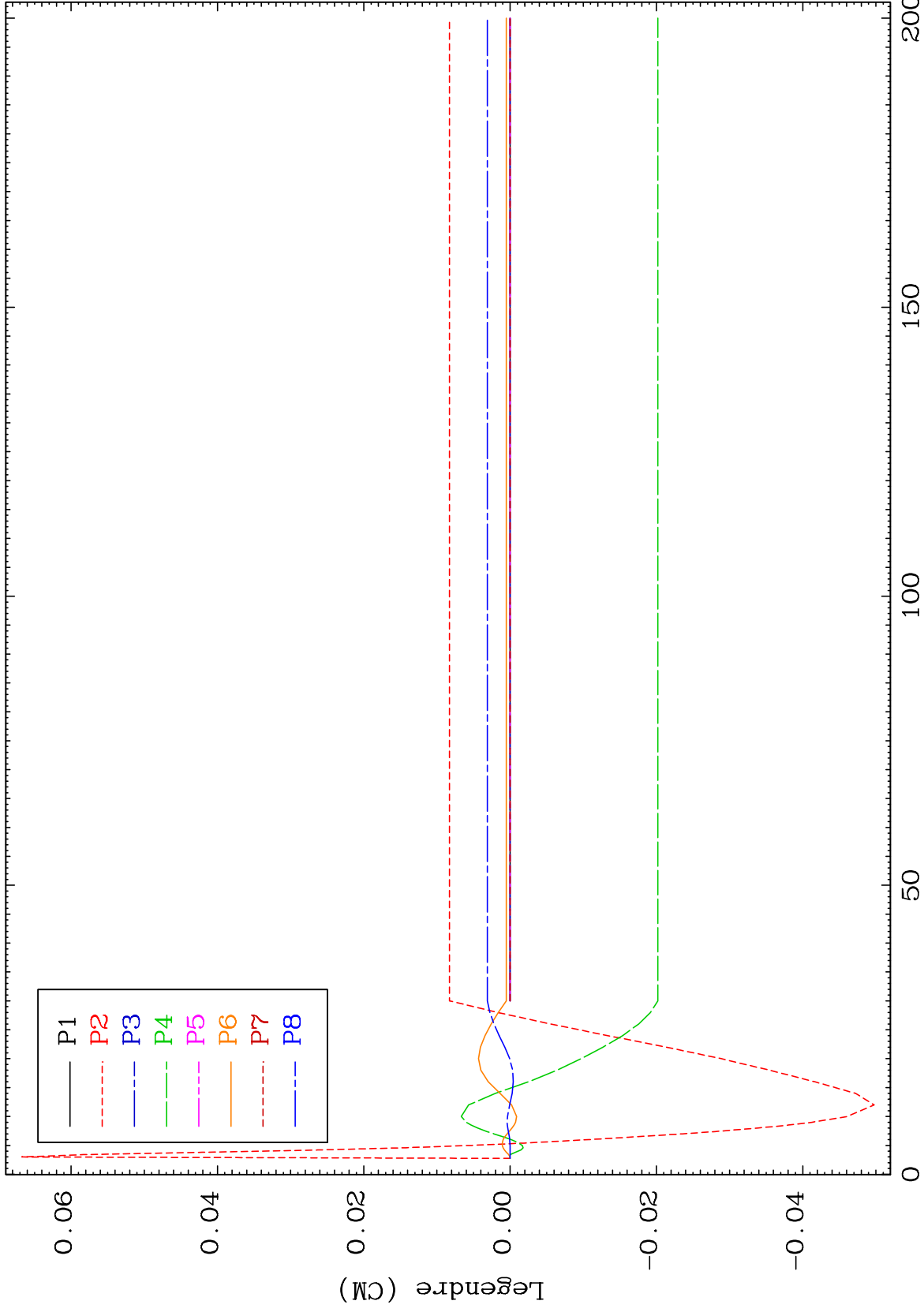
48-Cd-104



MAT 4819

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

48-Cd-104



65

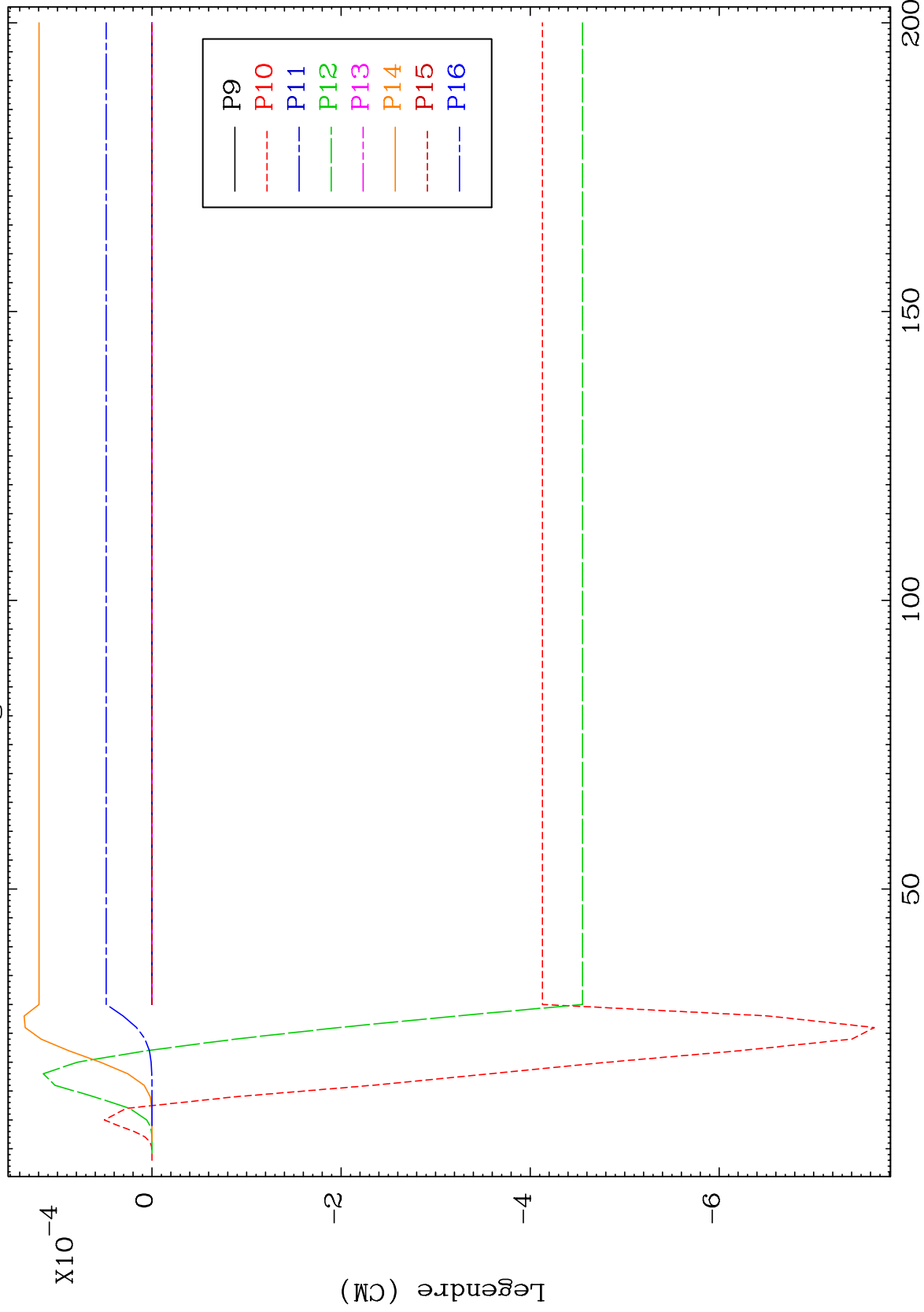
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



66

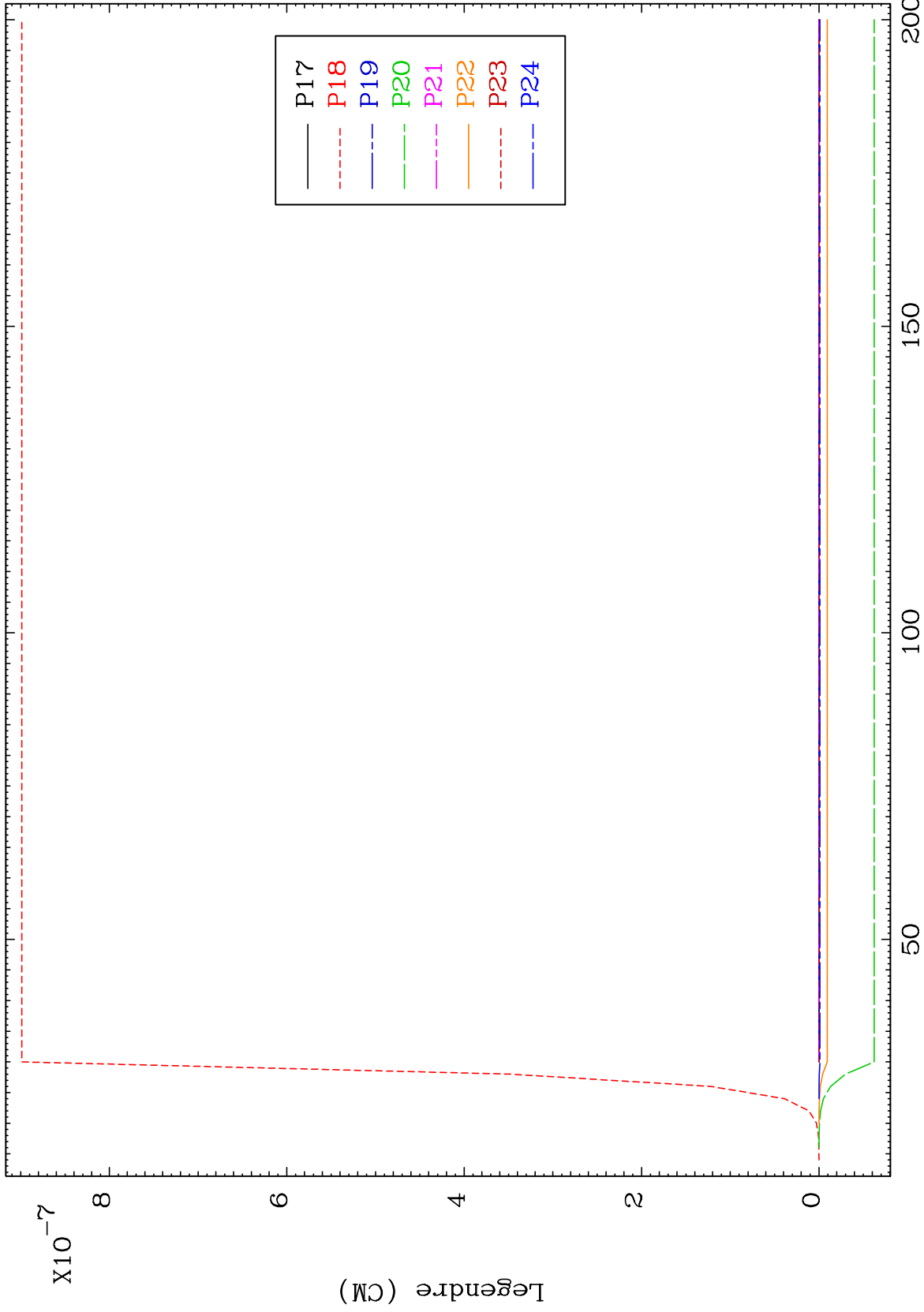
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



67

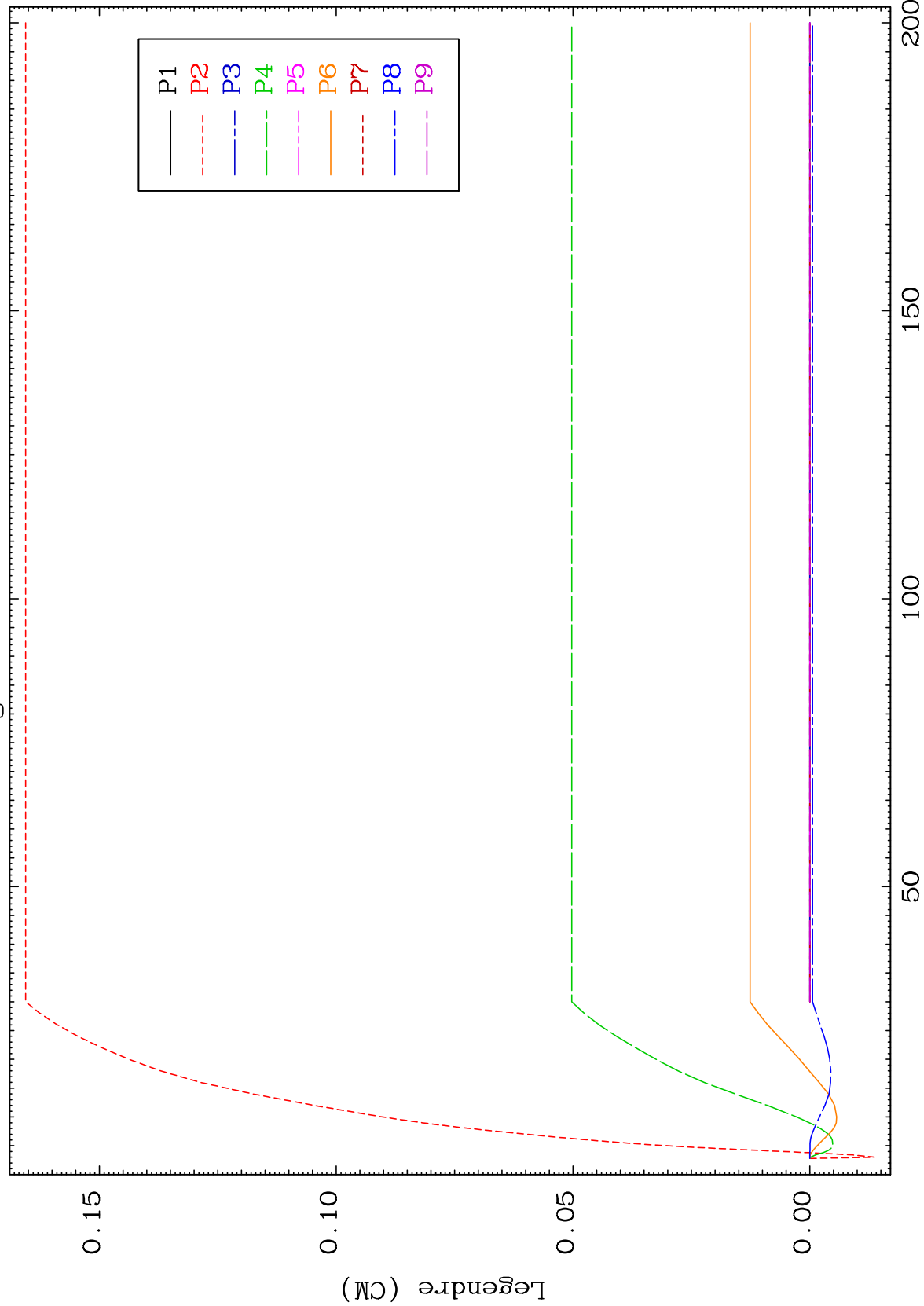
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

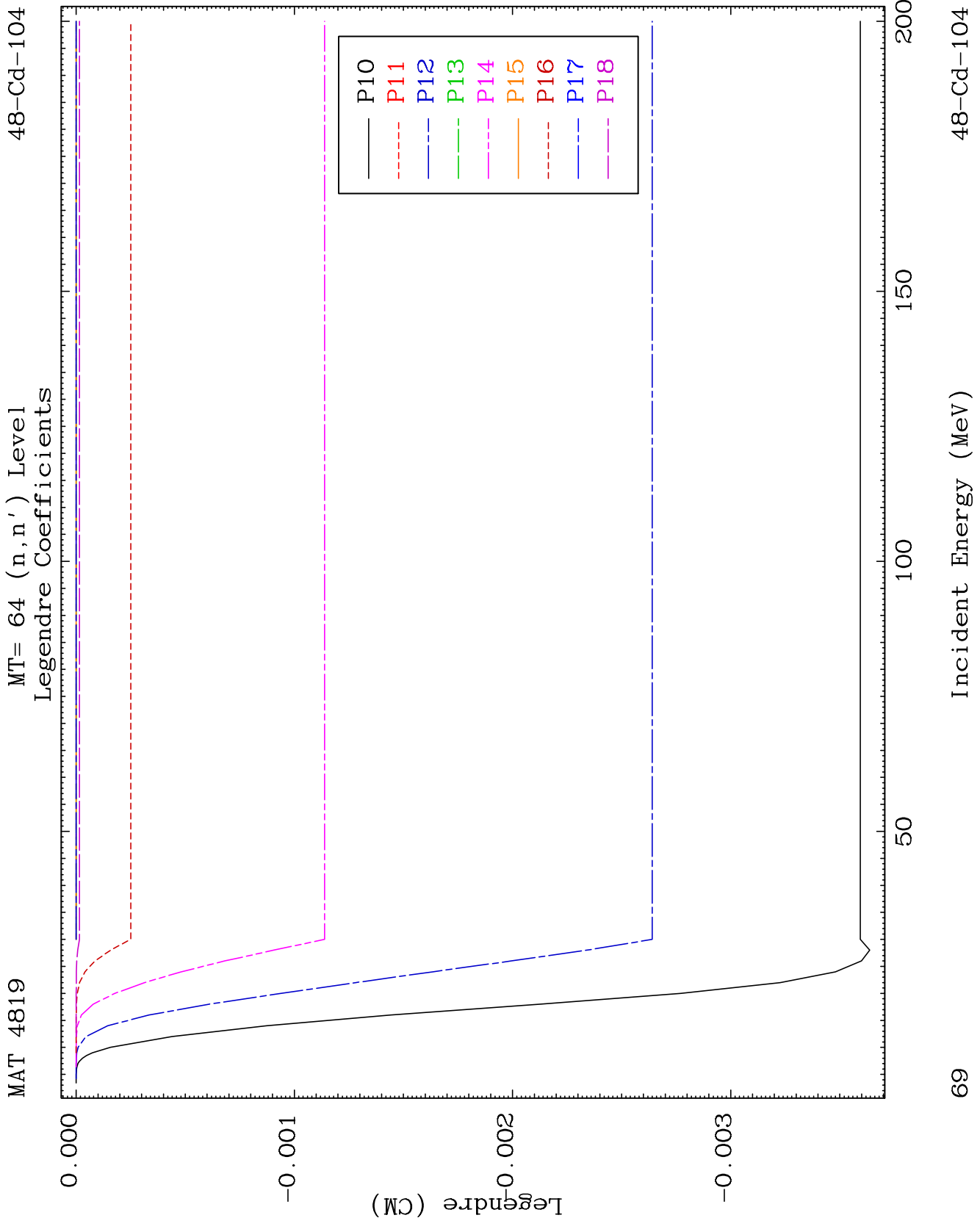
48-Cd-104

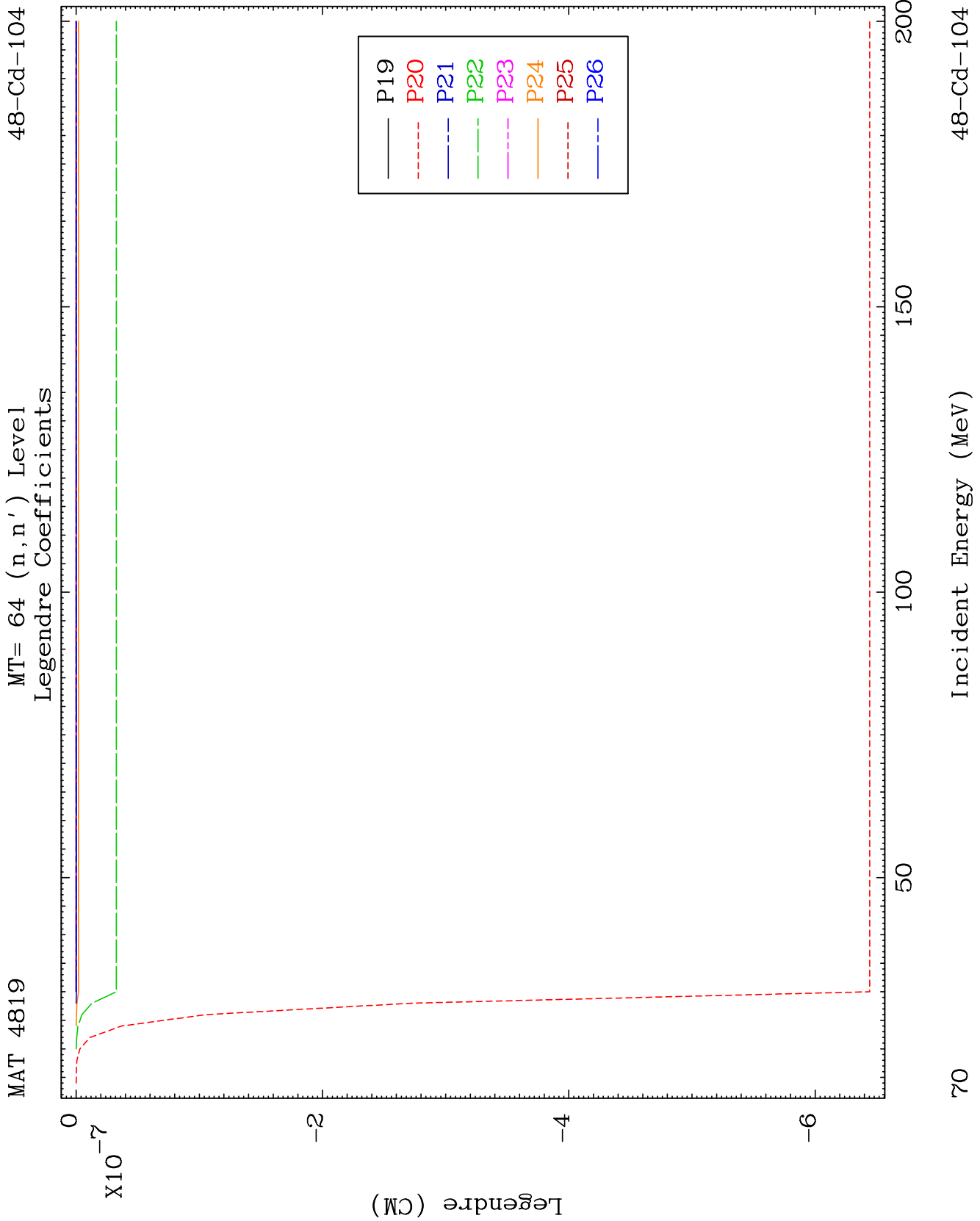


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Incident Energy (MeV)

48-Cd-104

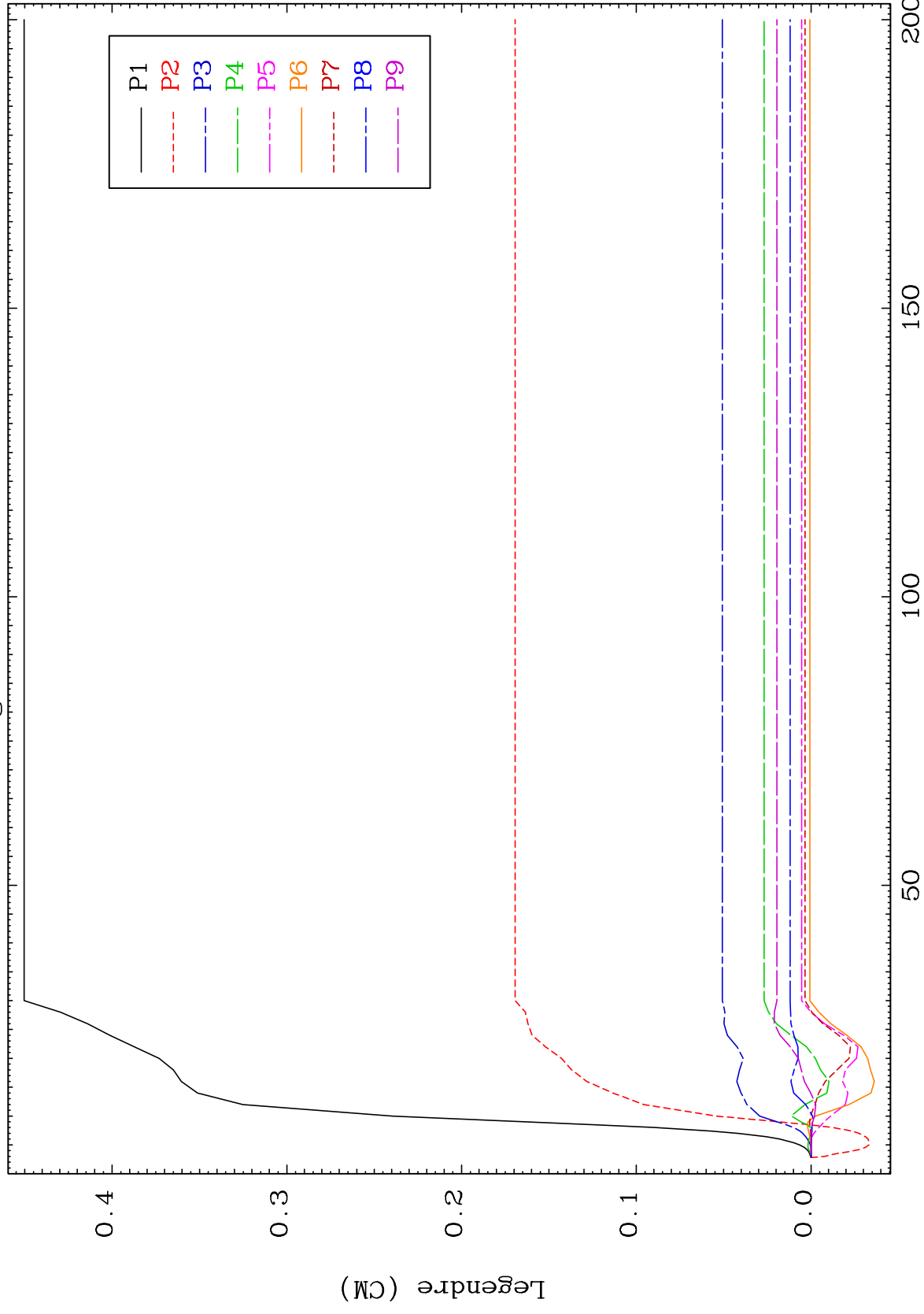




MAT 4819

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

48-Cd-104



71

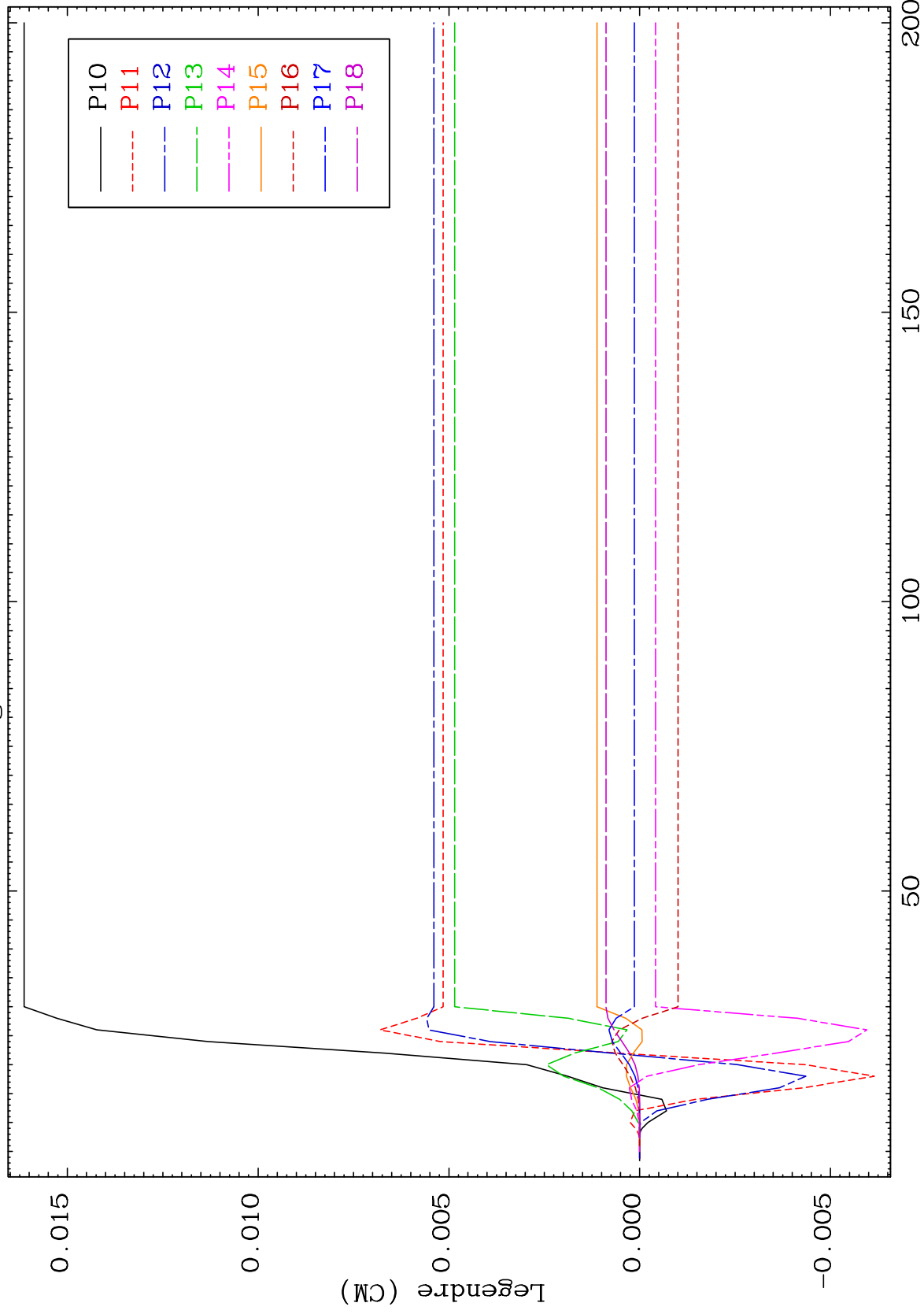
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



72

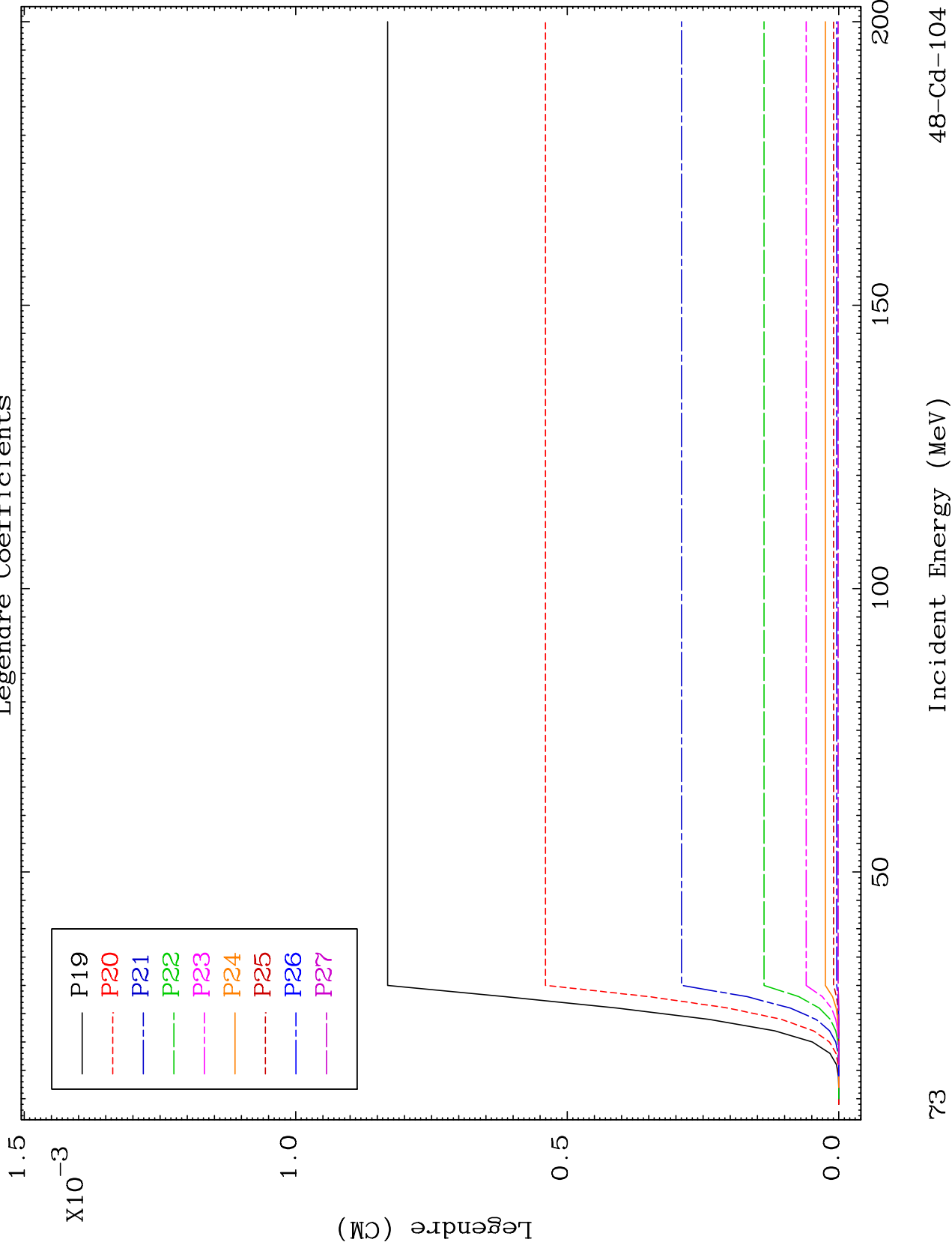
Incident Energy (MeV)

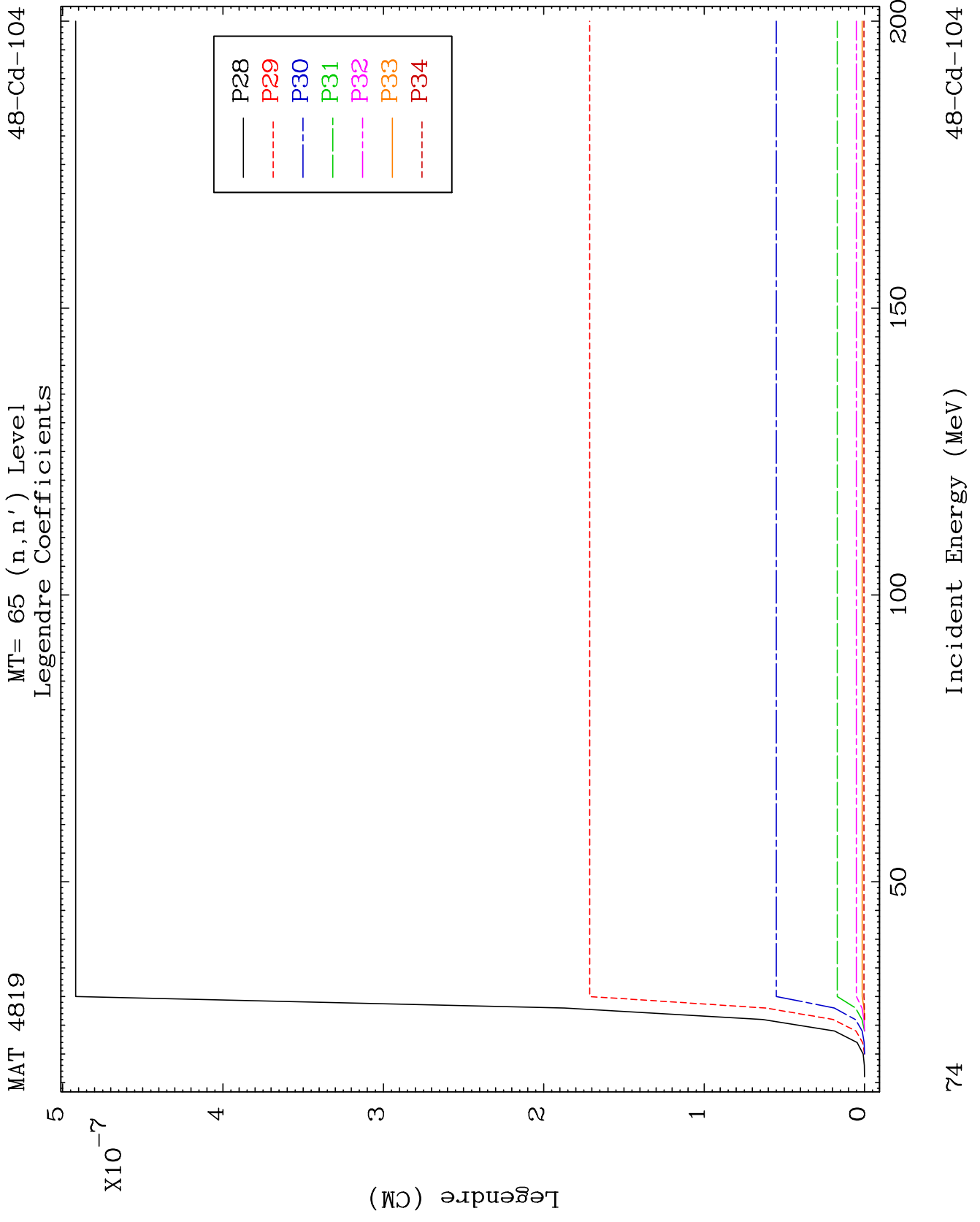
48-Cd-104

MAT 4819

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

48-Cd-104

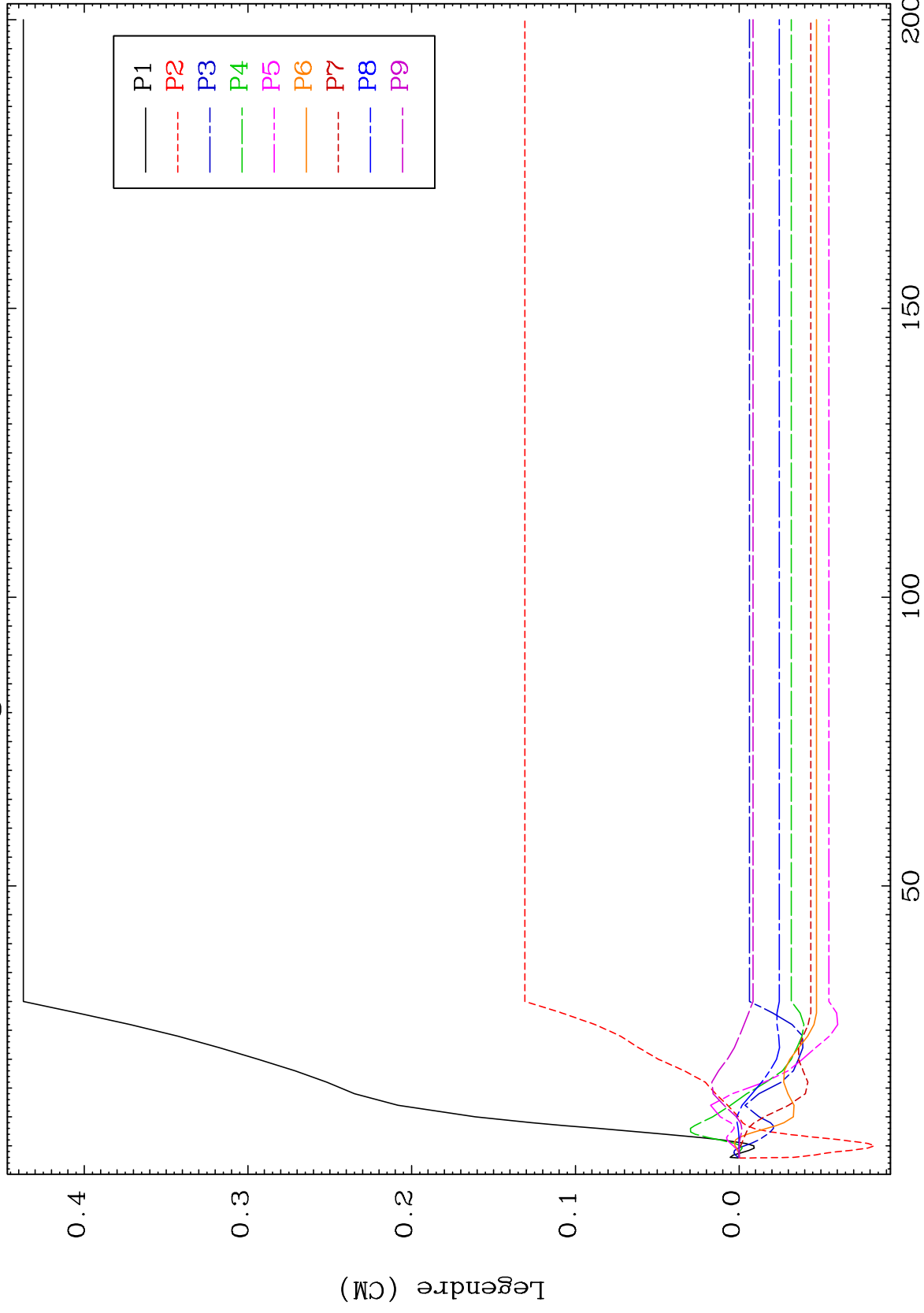




MAT 4819

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

48-Cd-104



75

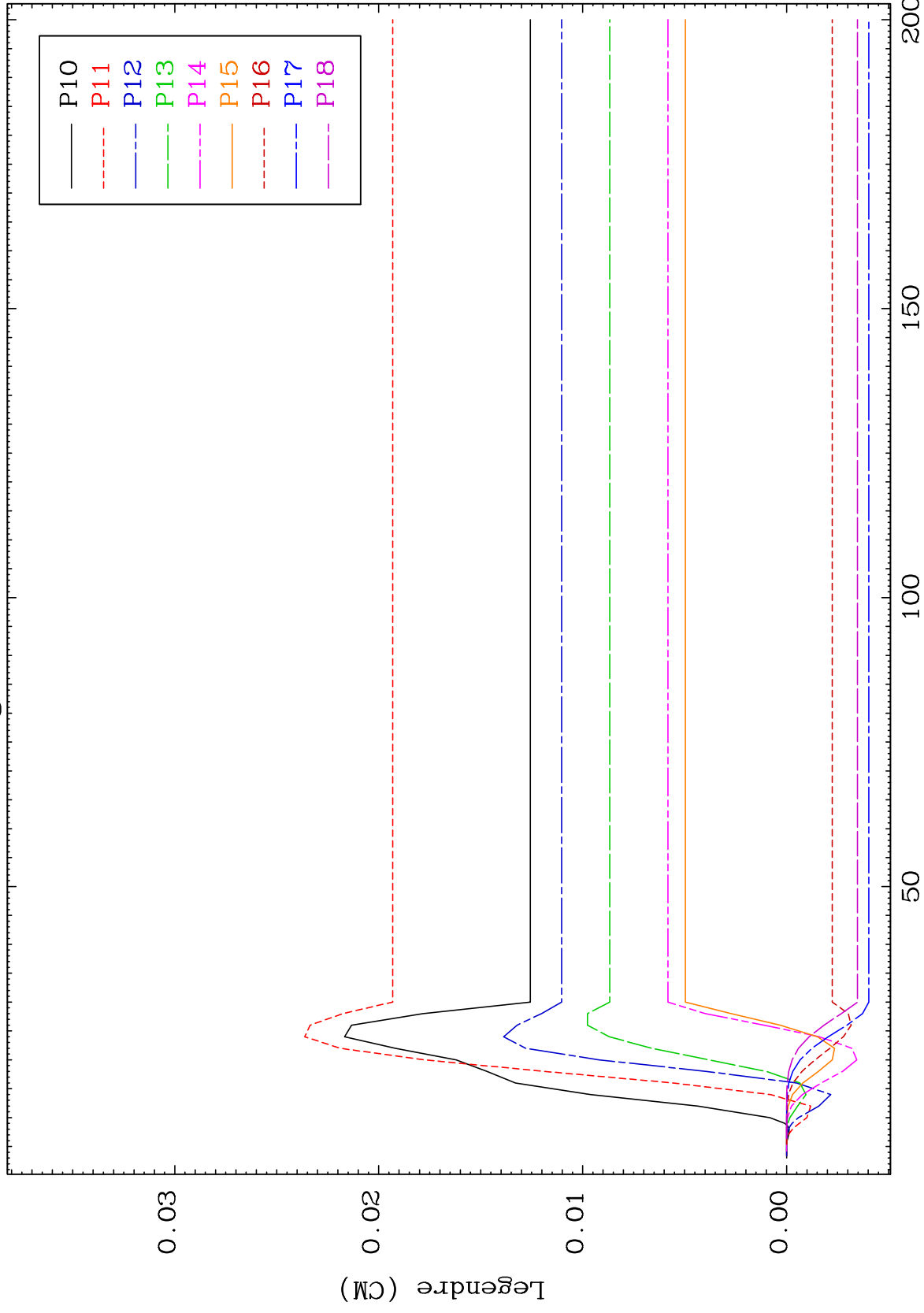
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



76

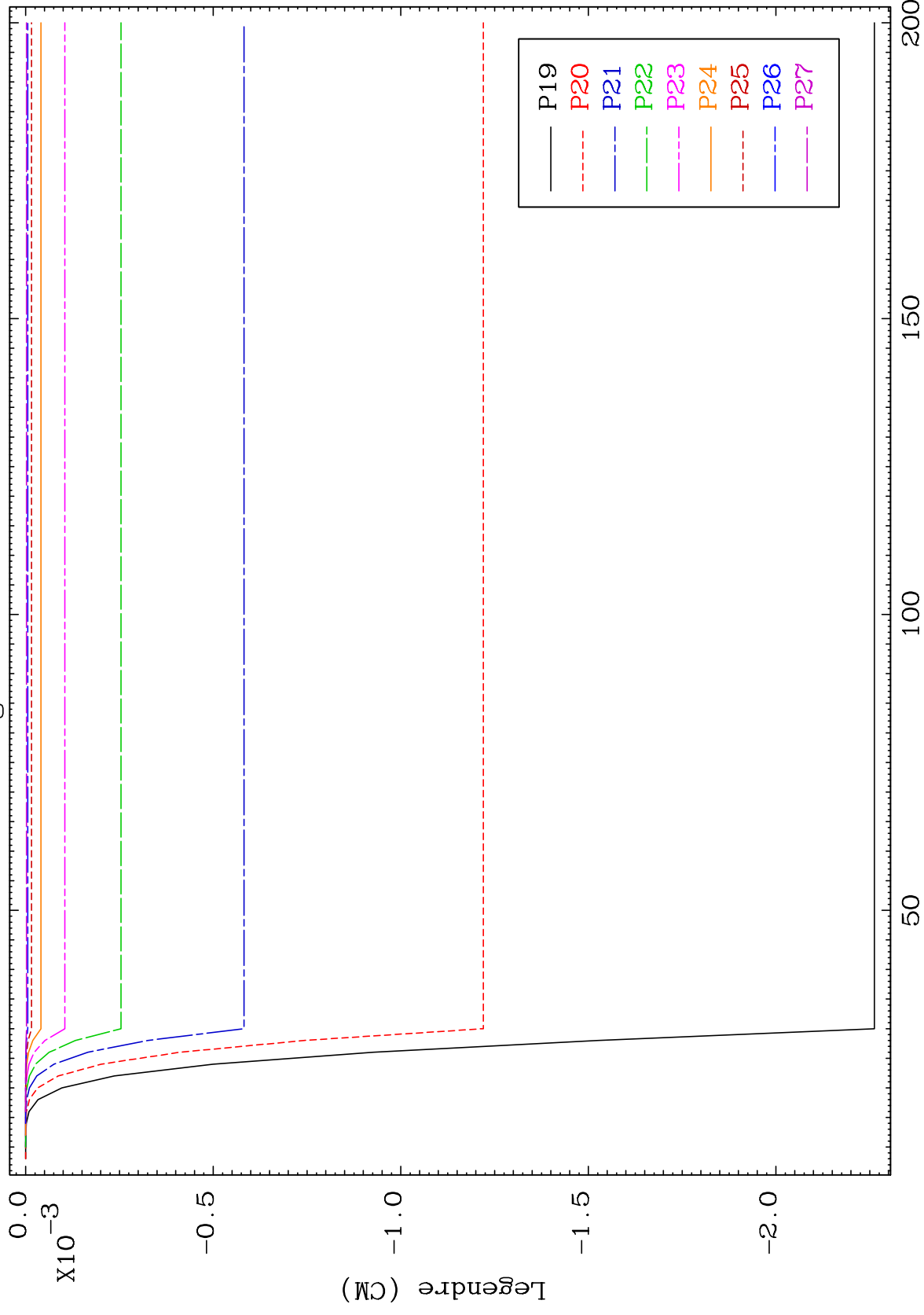
Incident Energy (MeV)

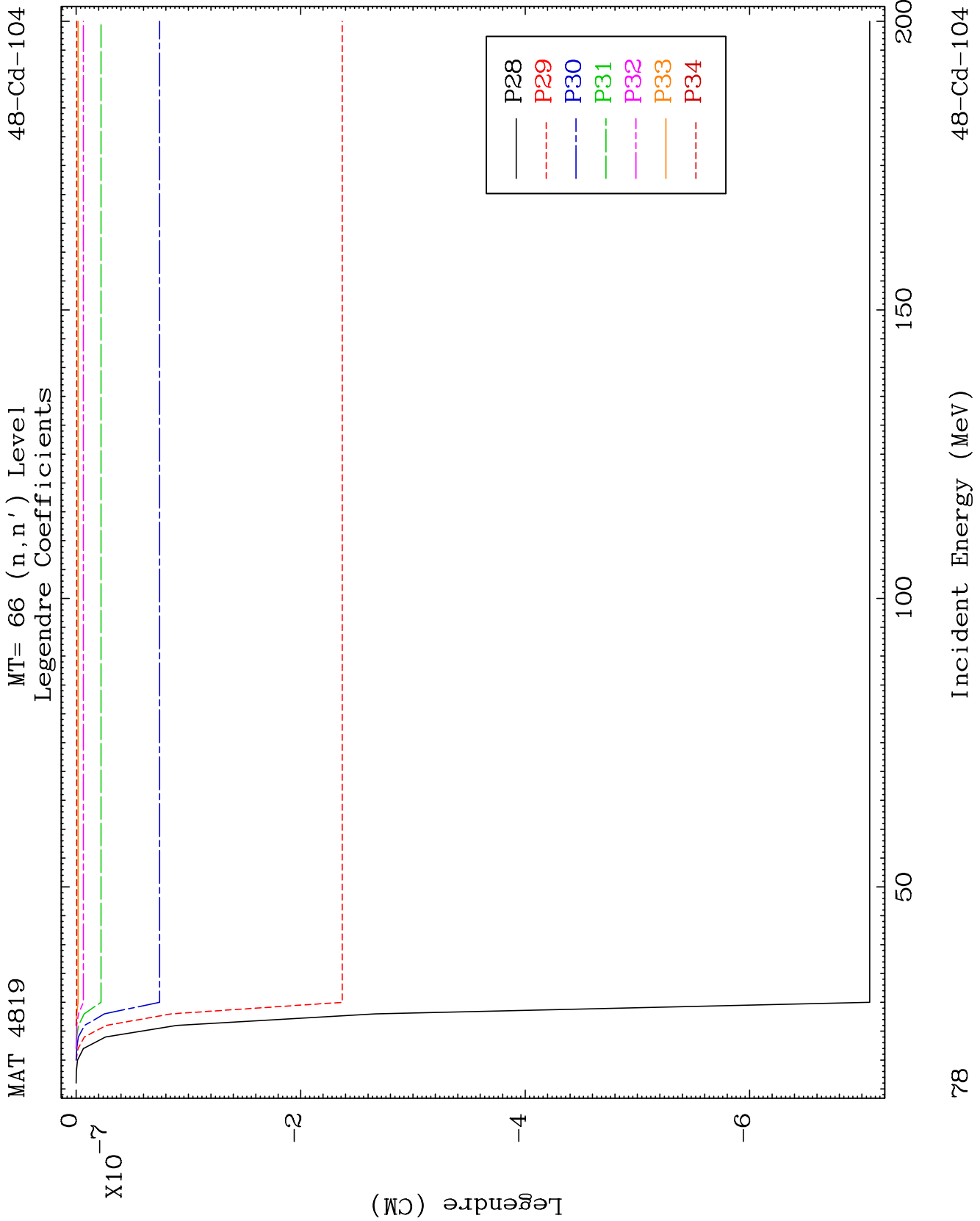
48-Cd-104

MAT 4819

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

48-Cd-104

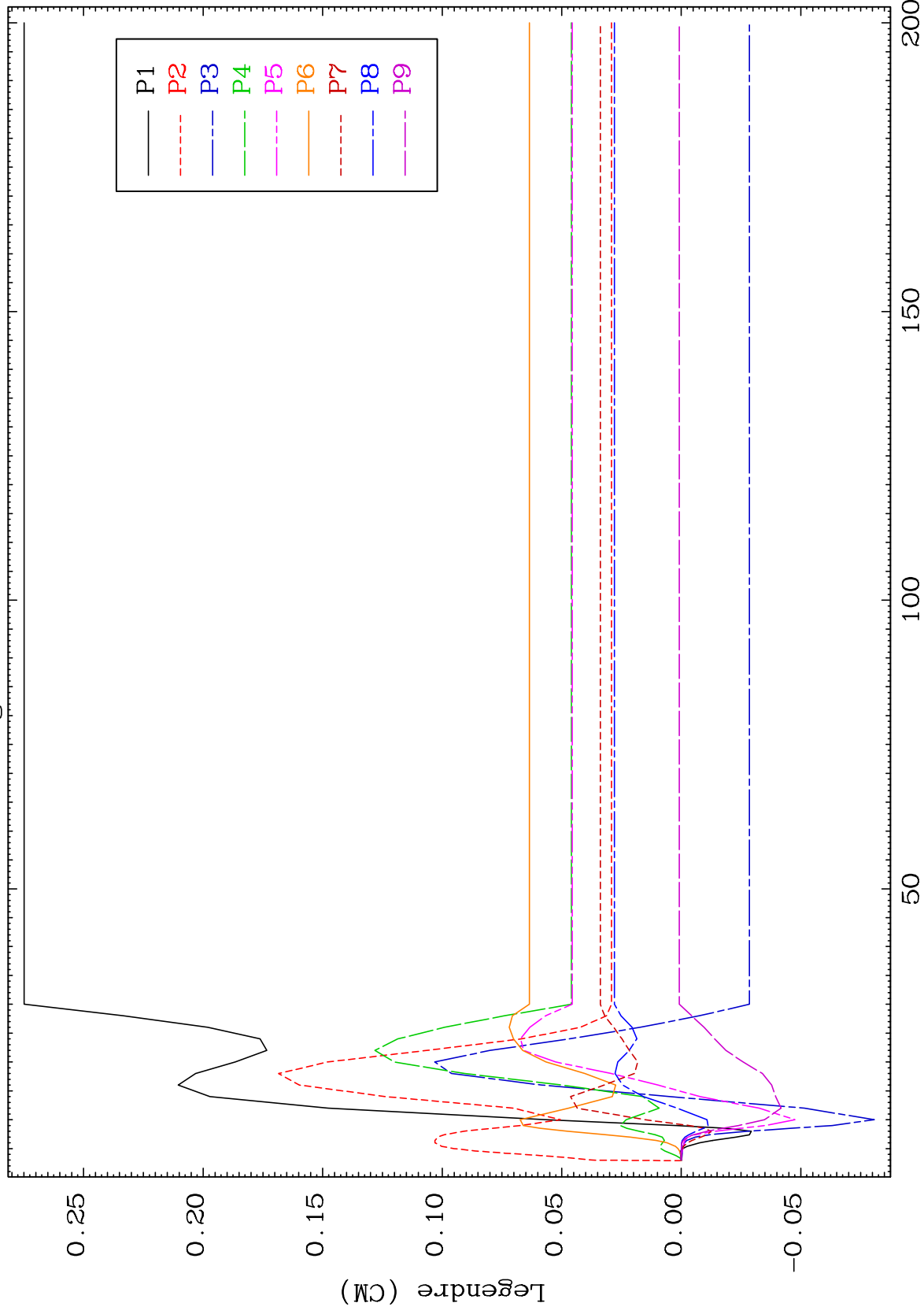




MAT 4819

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

48-Cd-104



79

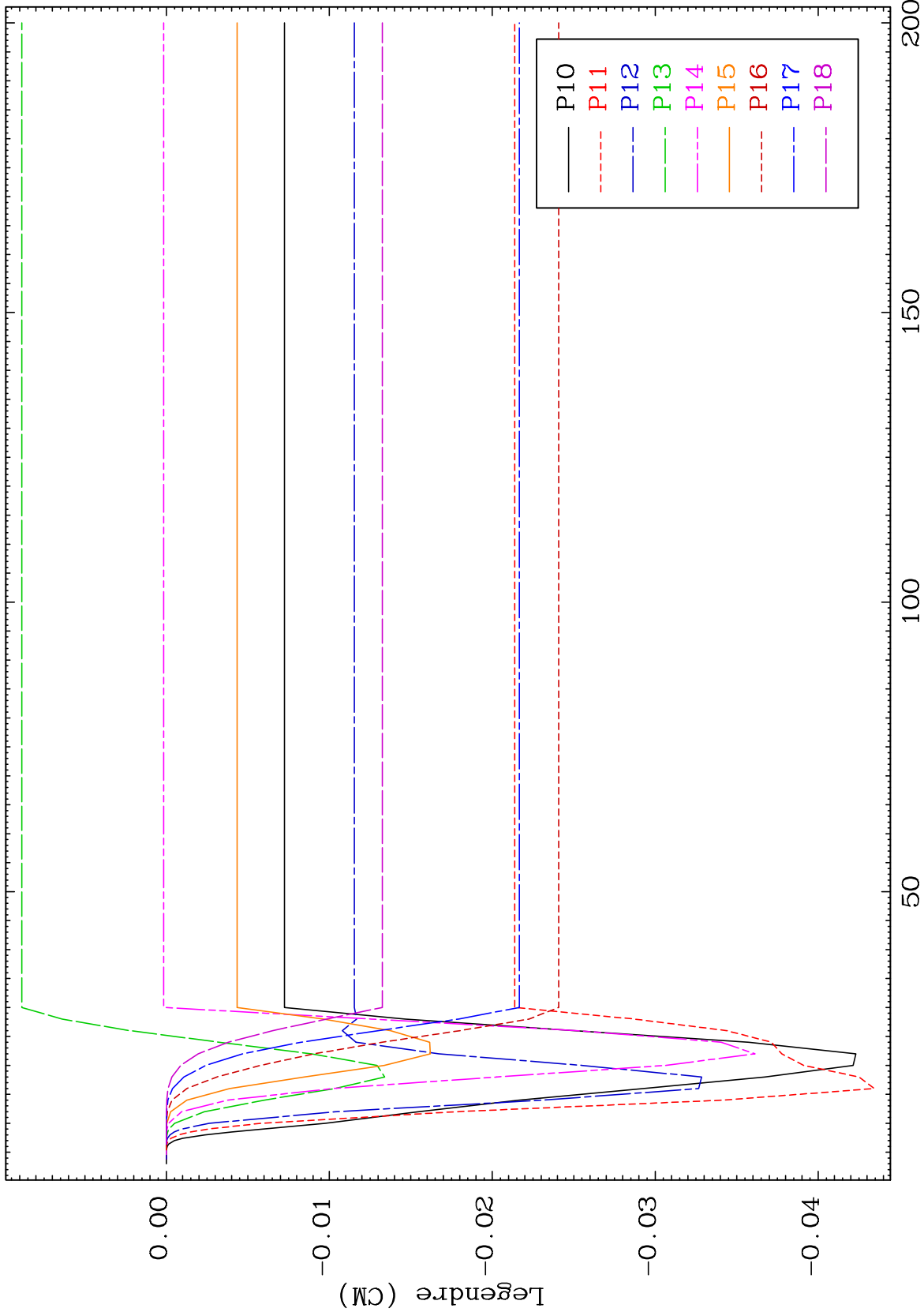
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

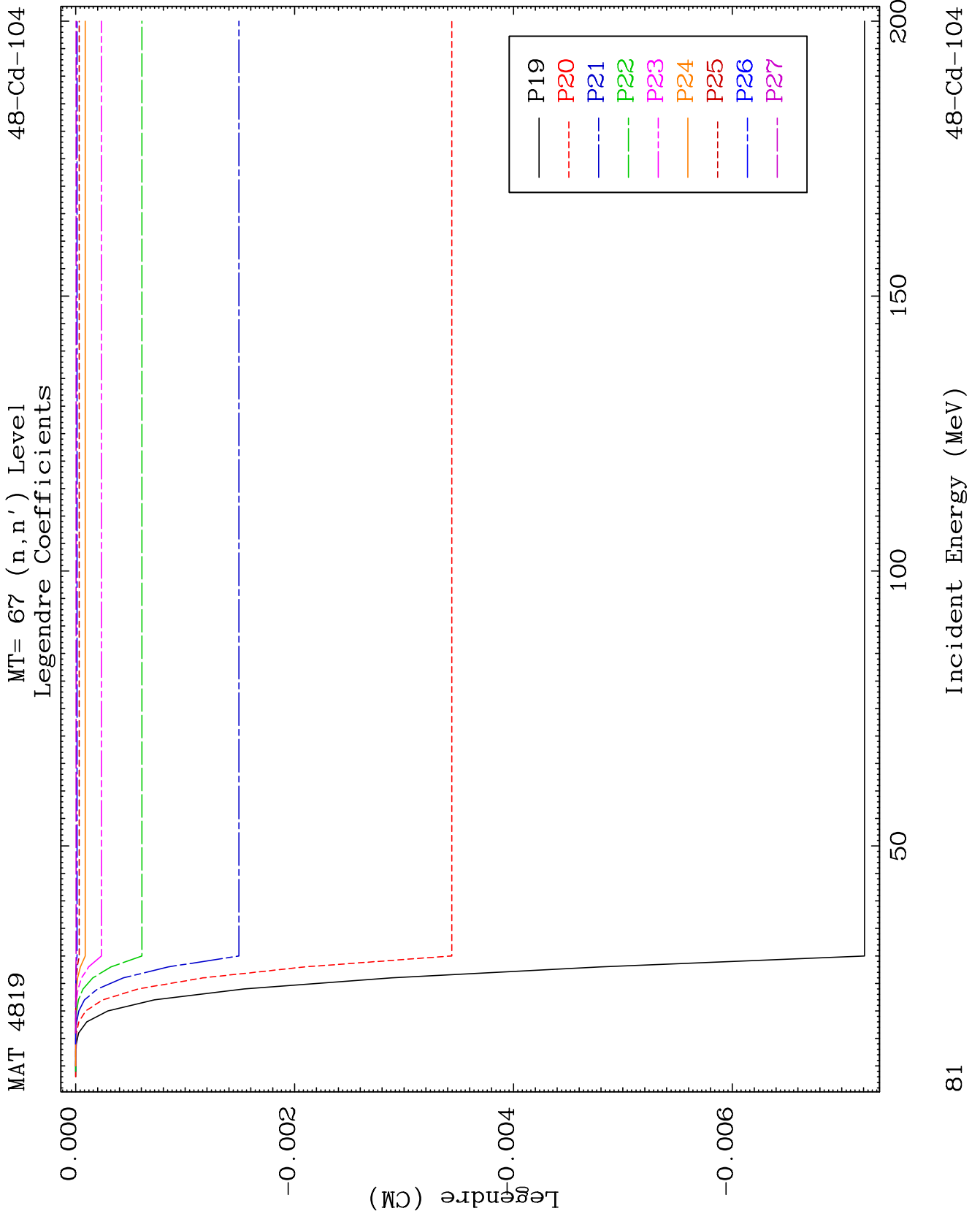
48-Cd-104

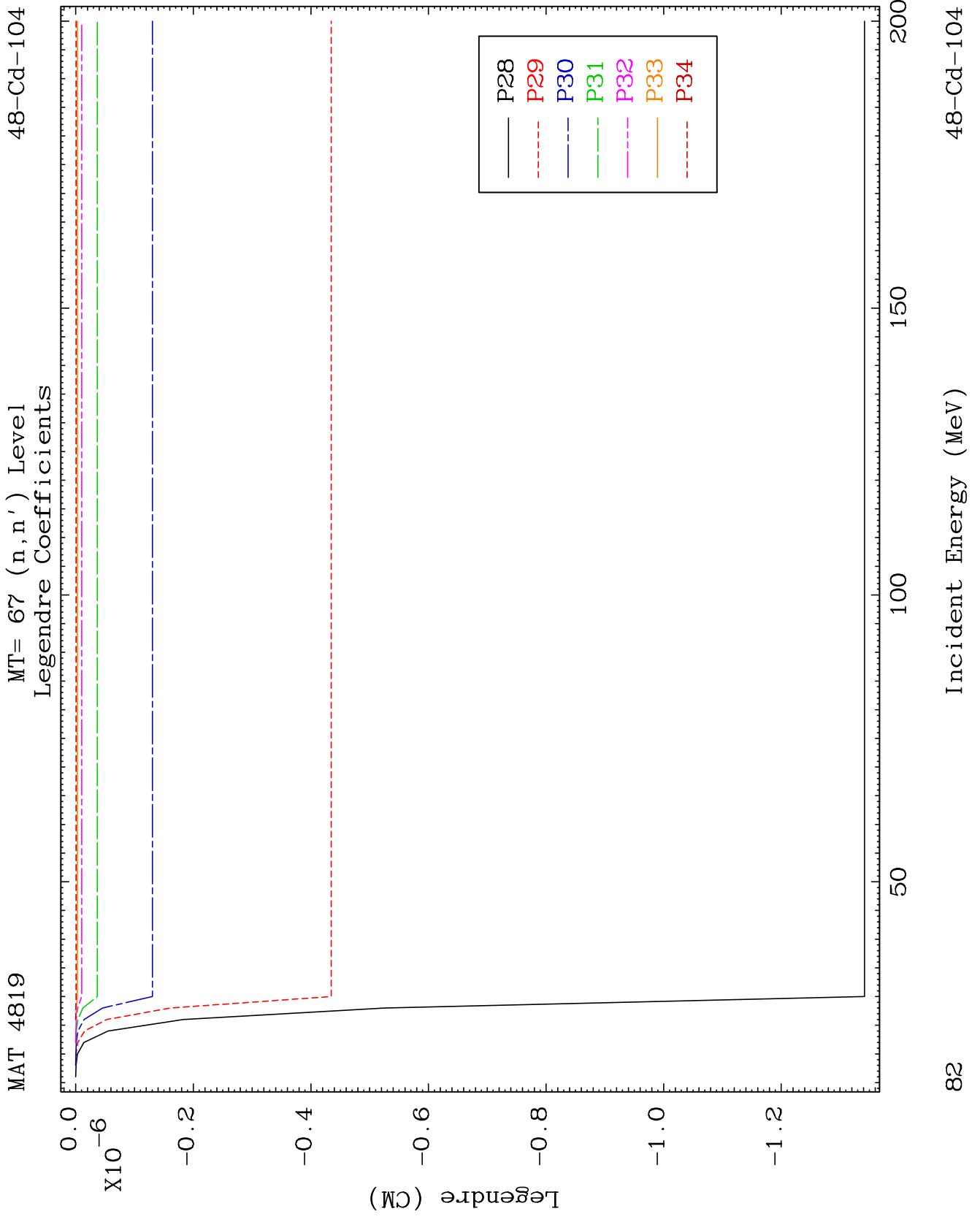


80

Incident Energy (MeV)

48-Cd-104

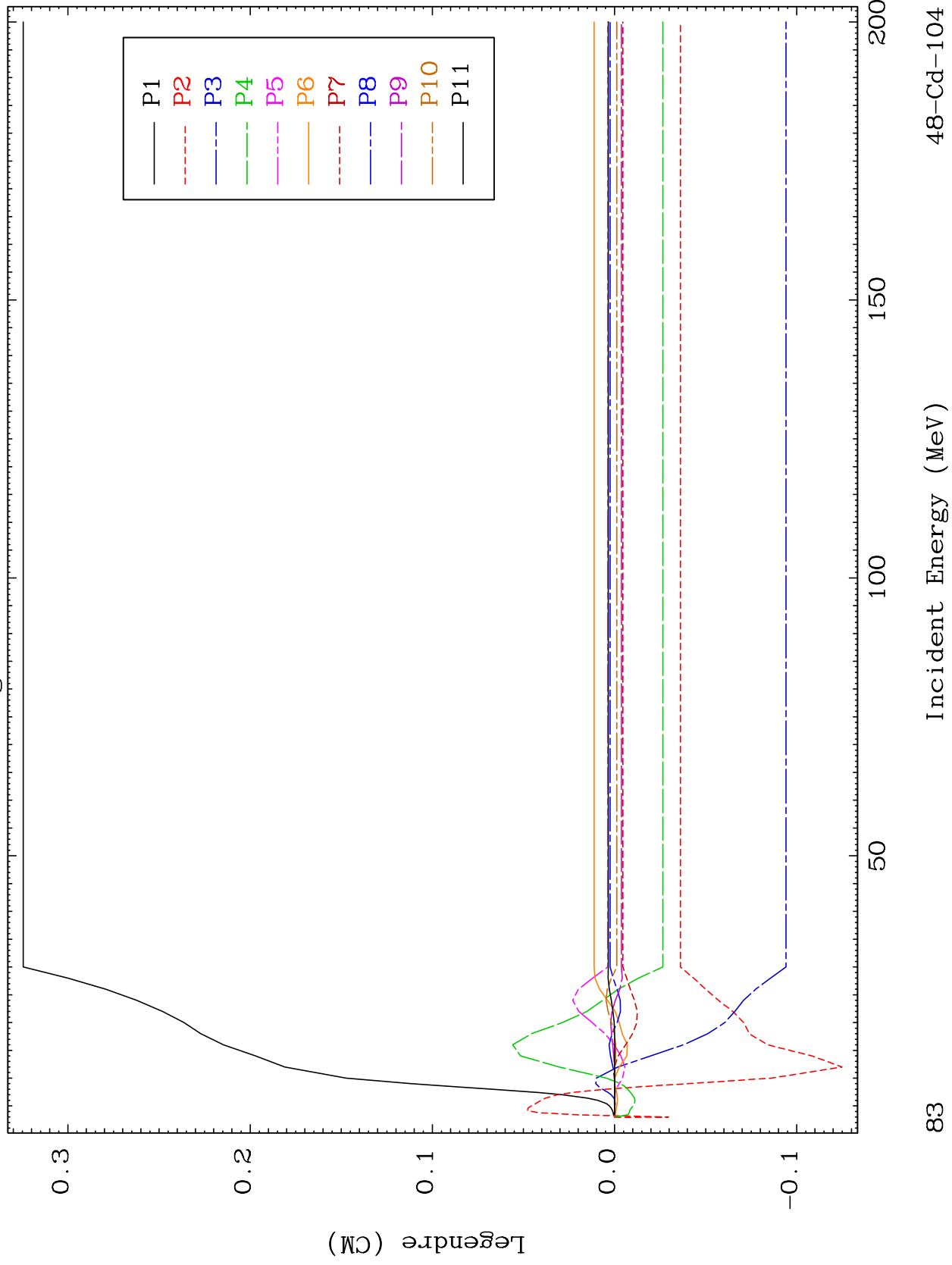




MAT 4819

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

48-Cd-104



83

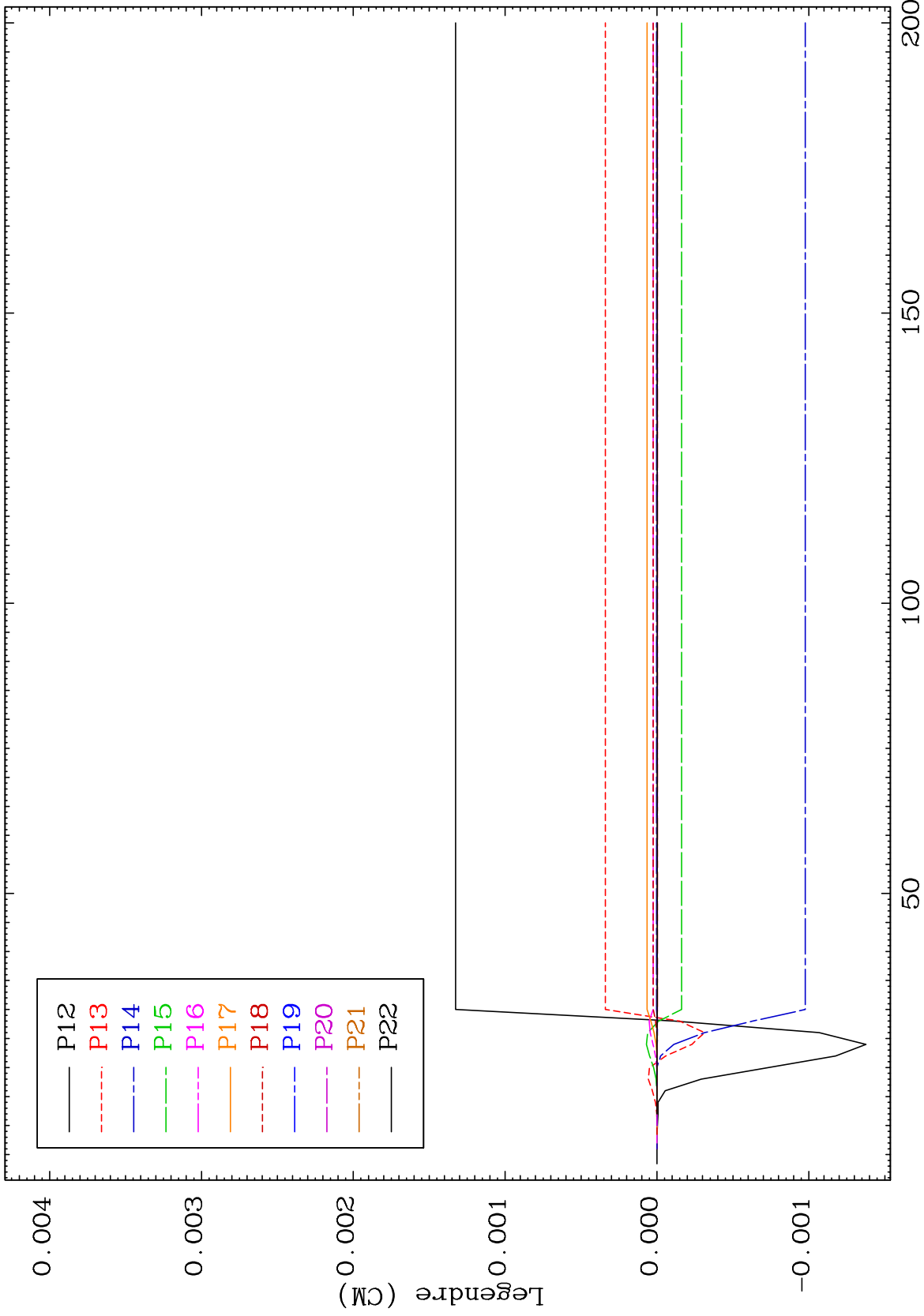
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

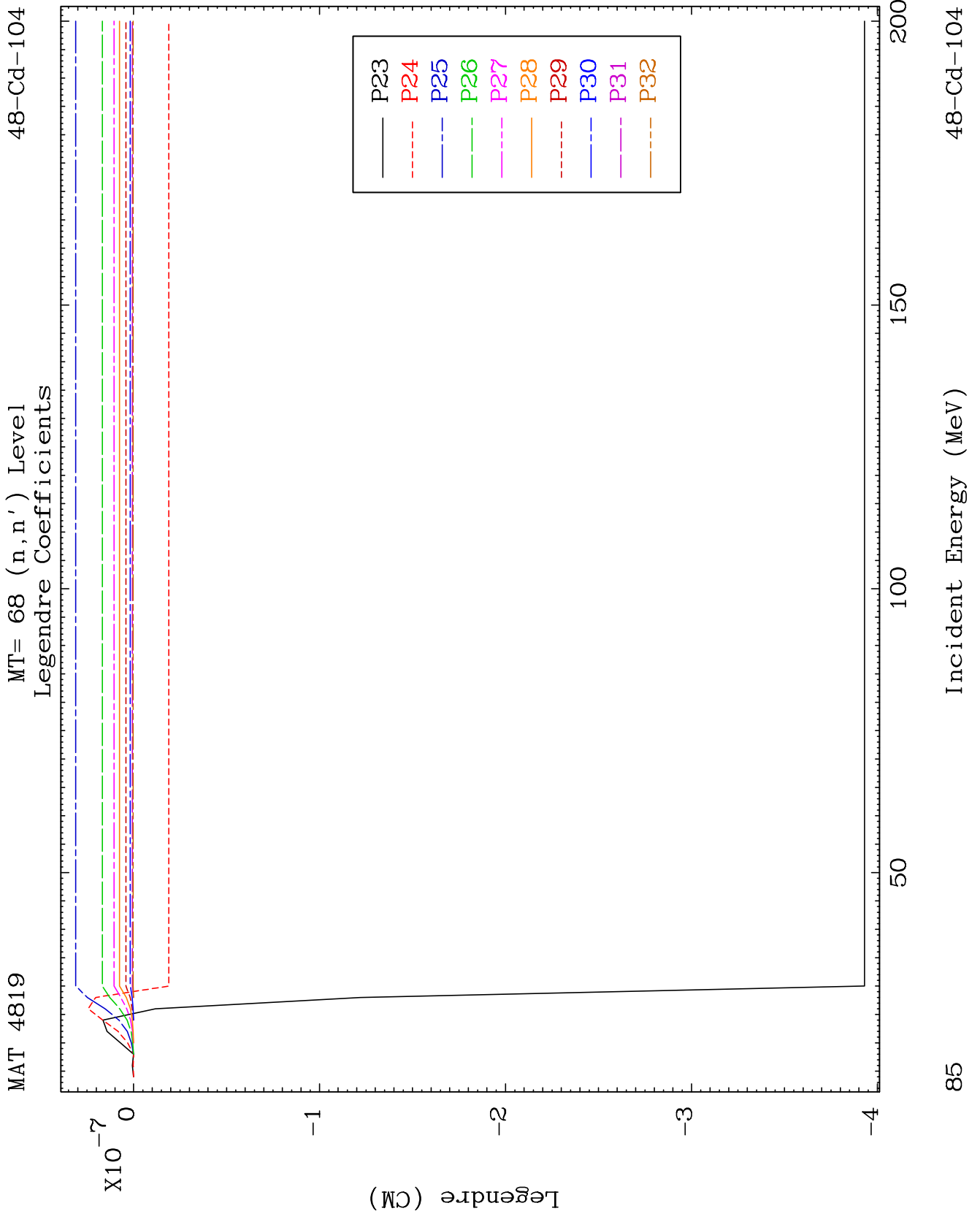
48-Cd-104



84

Incident Energy (MeV)

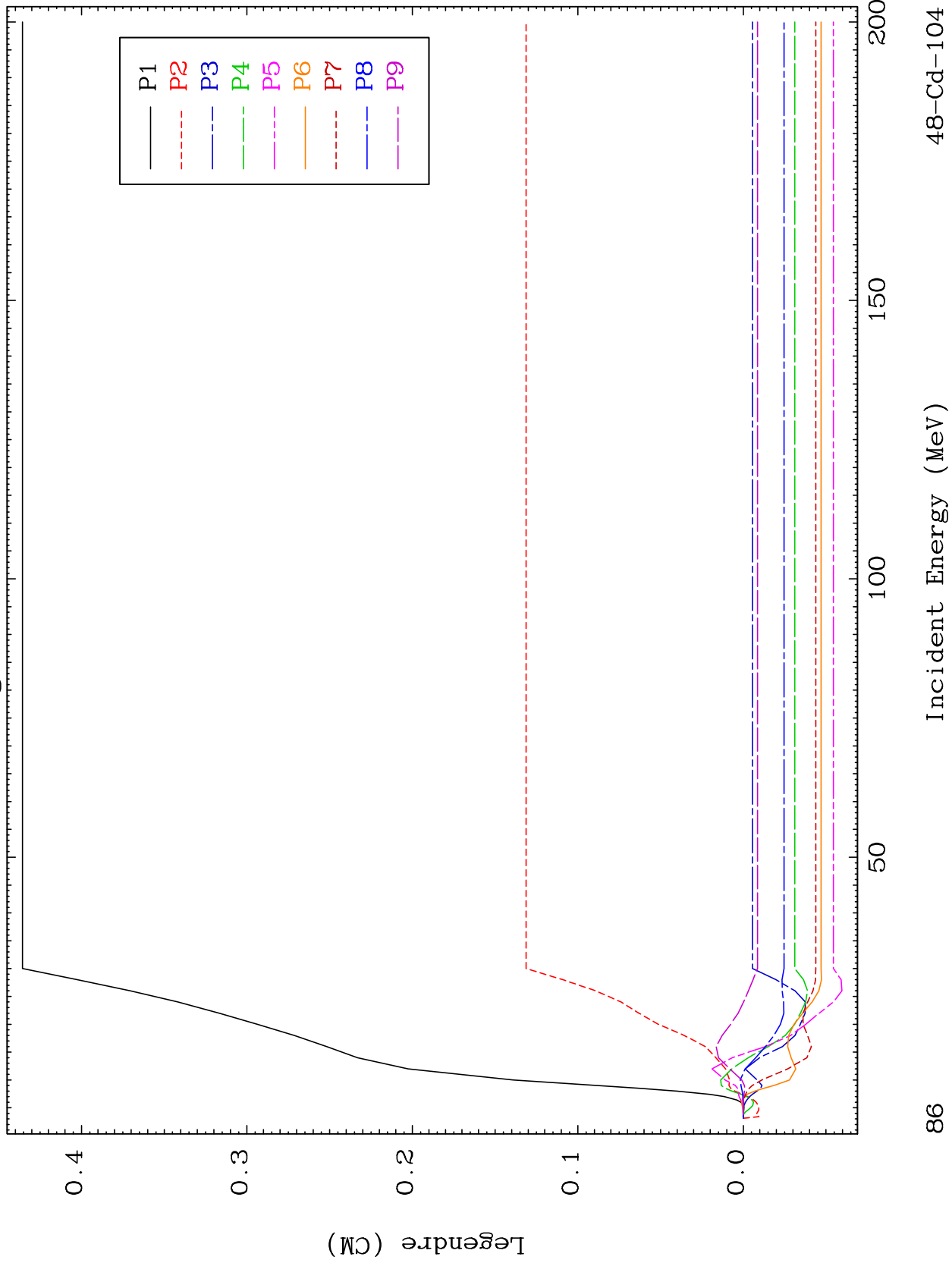
48-Cd-104



MAT 4819

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

48-Cd-104



86

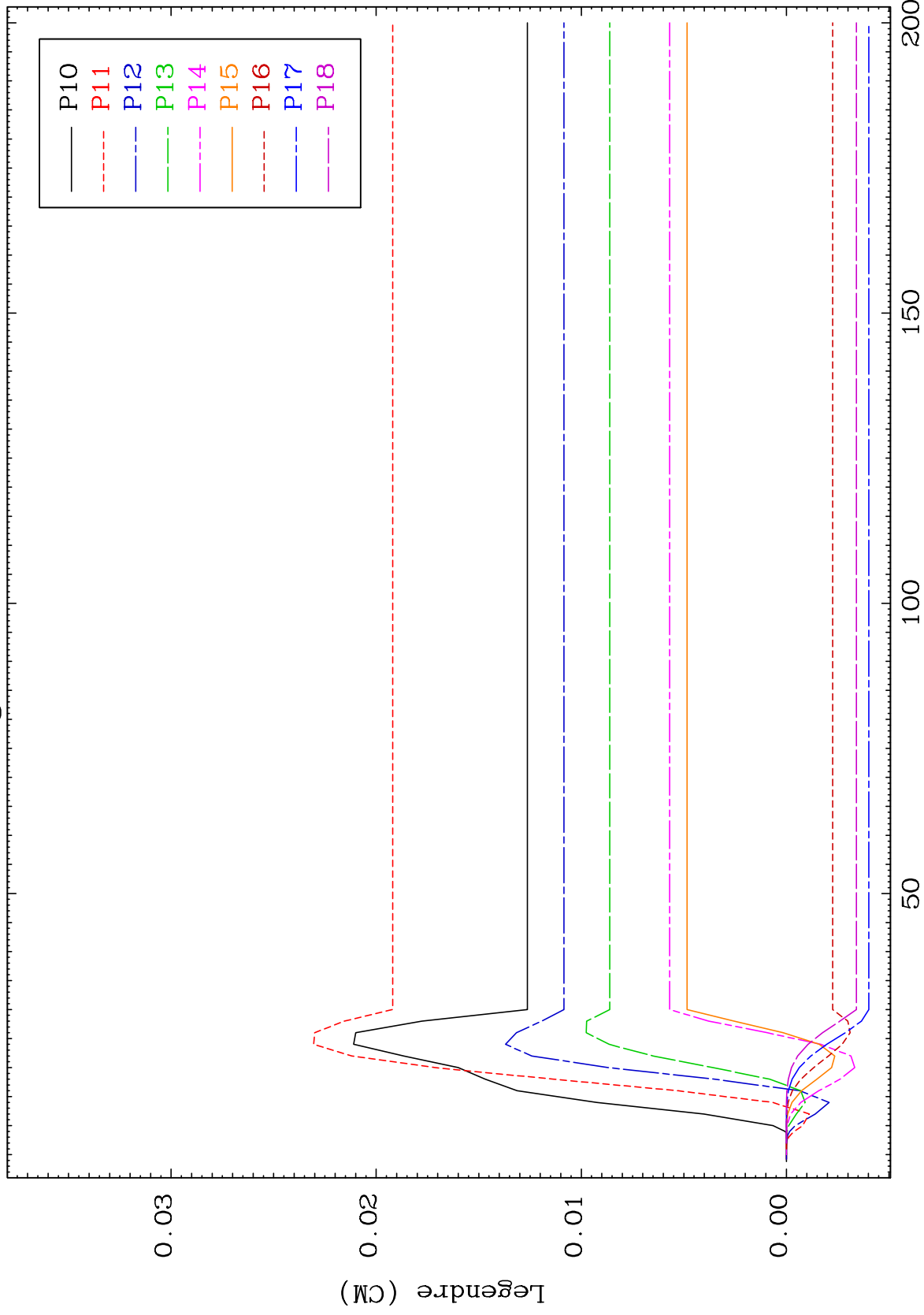
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

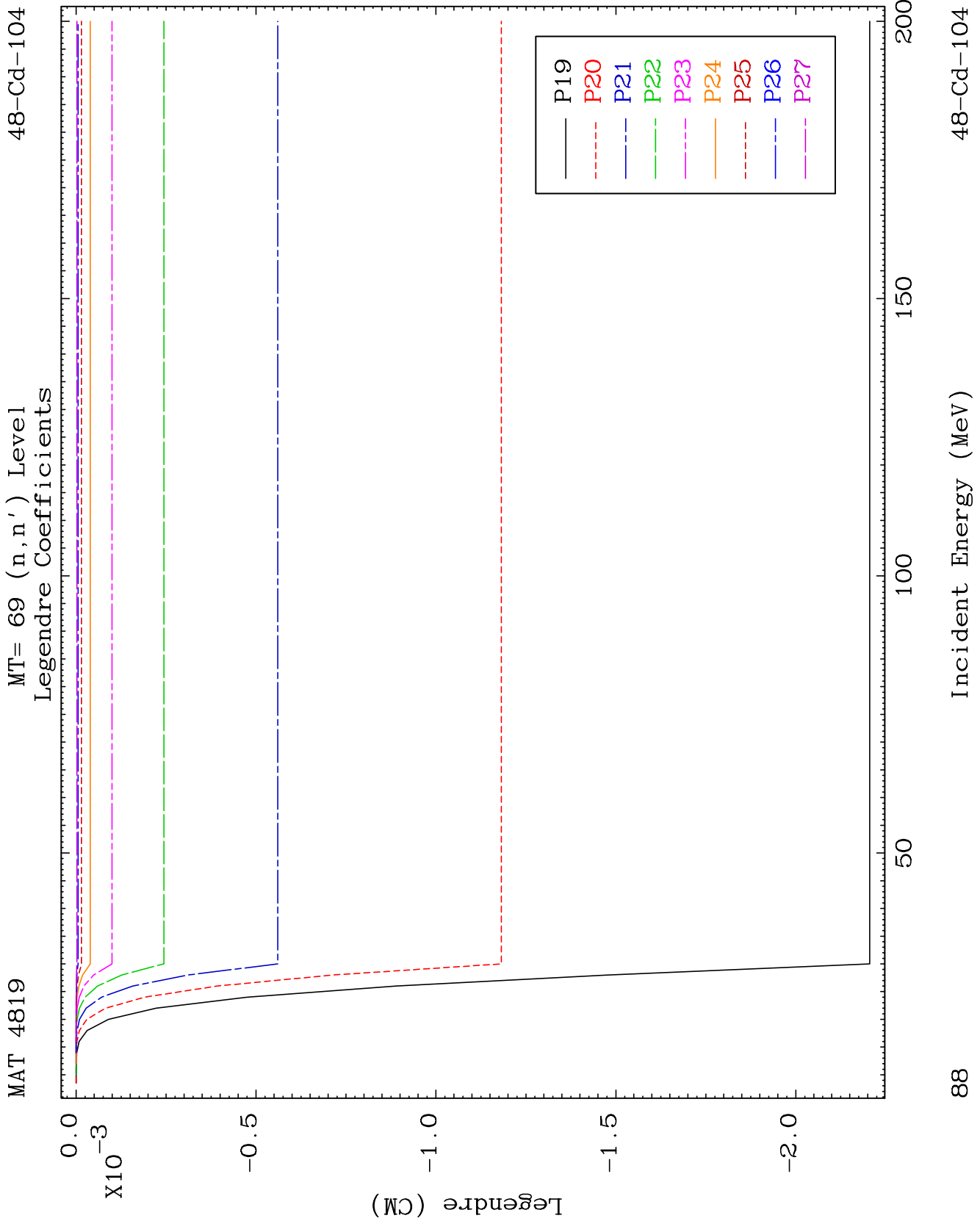
48-Cd-104

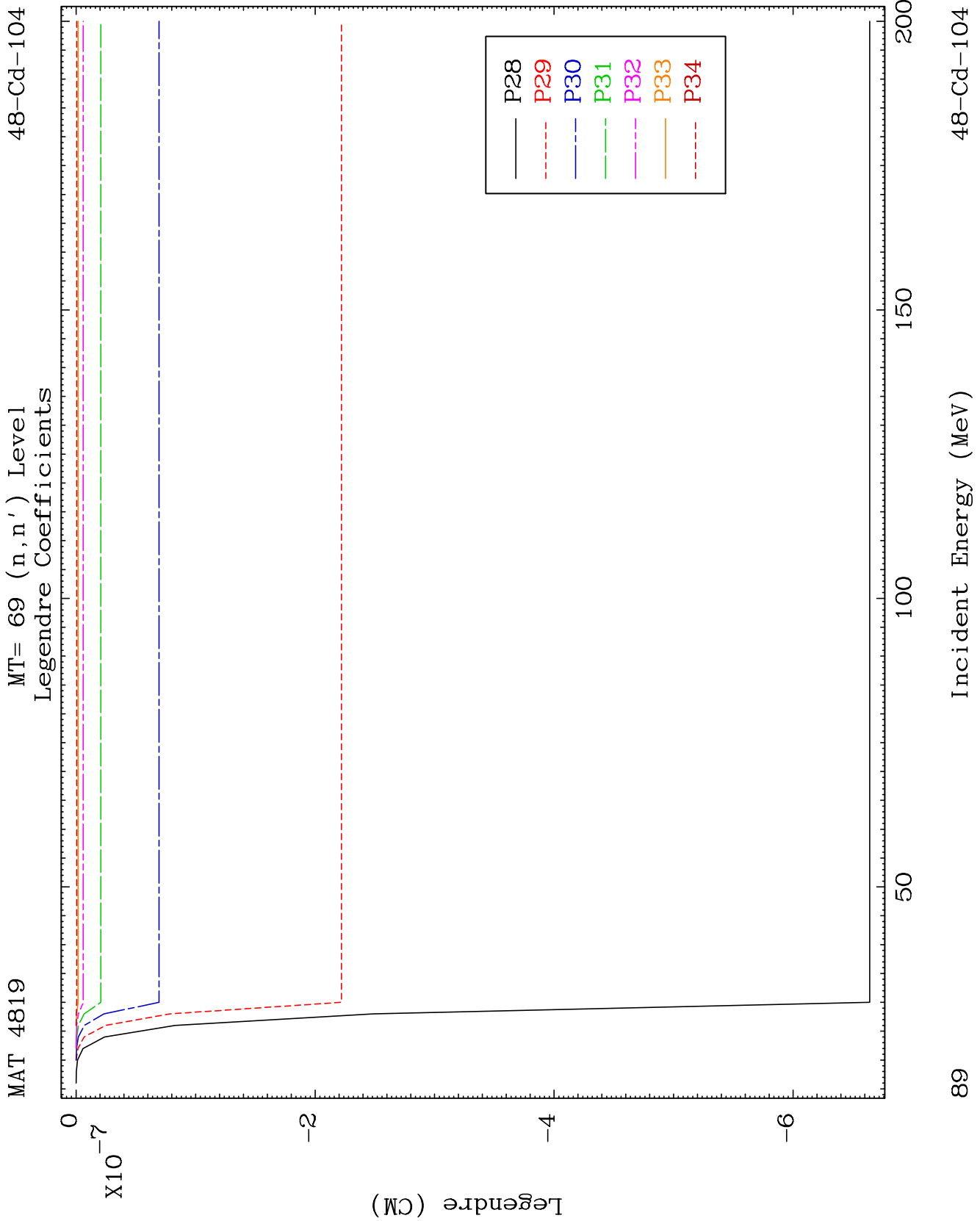


87

Incident Energy (MeV)

48-Cd-104

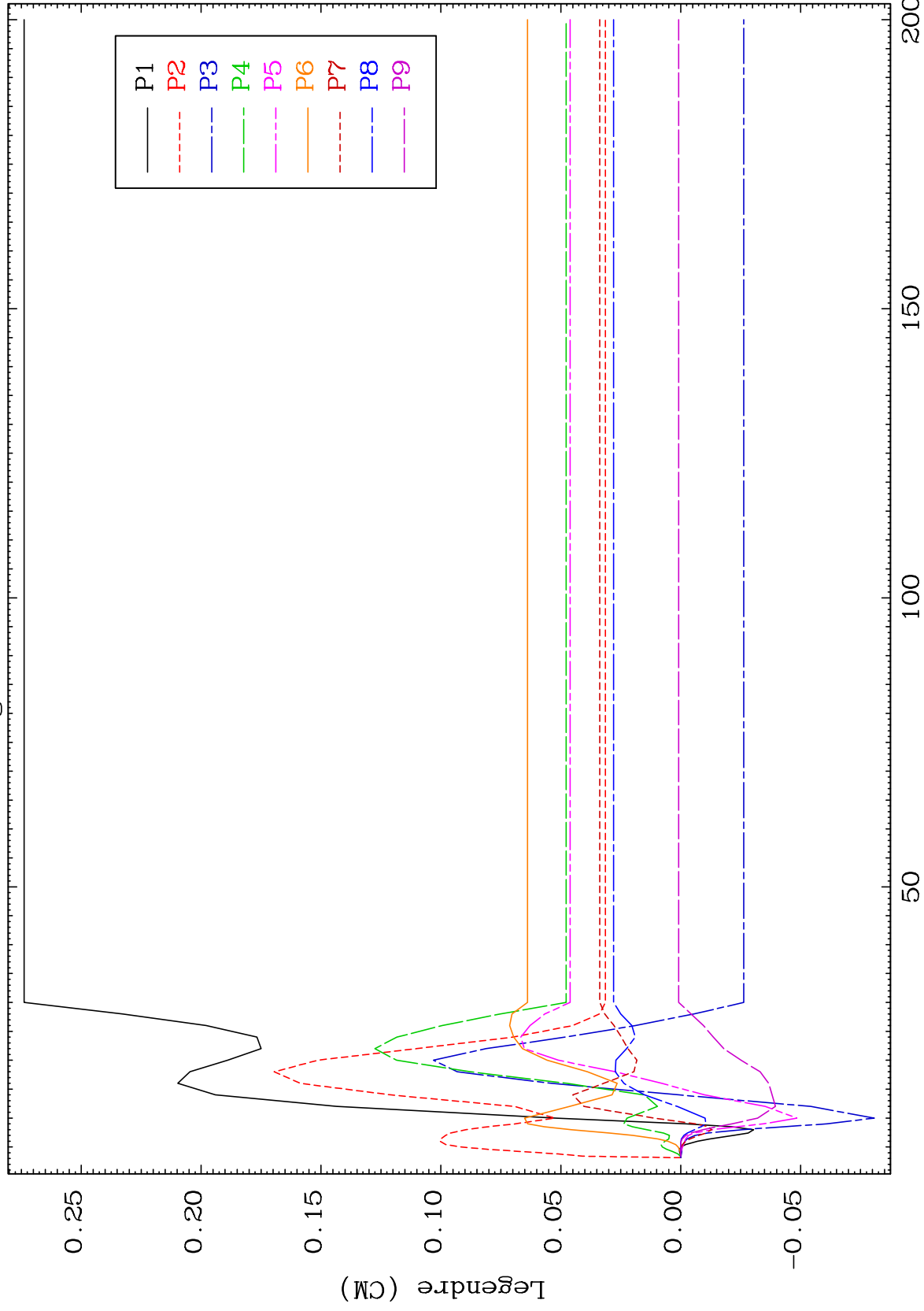




MAT 4819

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

48-Cd-104



90

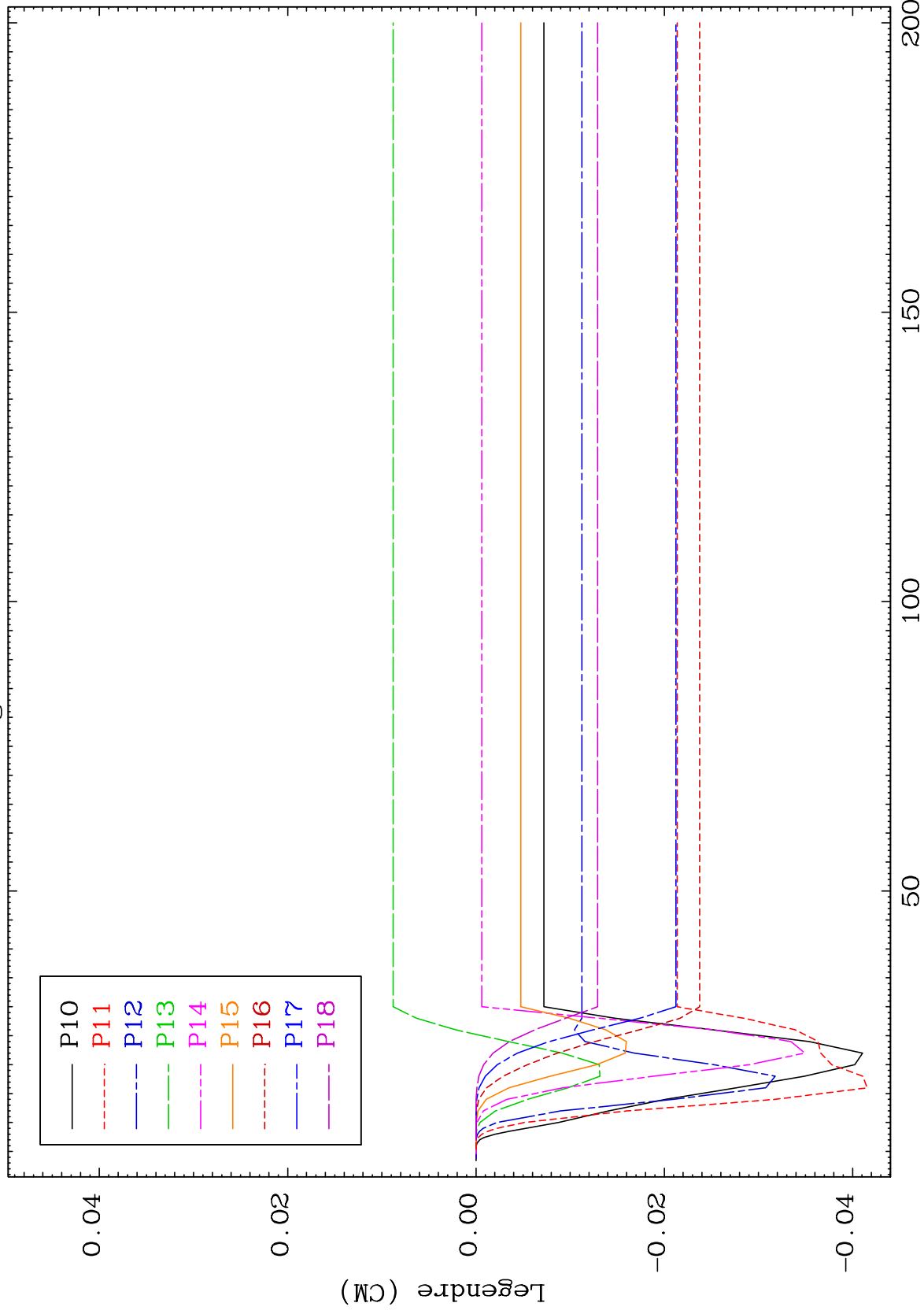
Incident Energy (MeV)

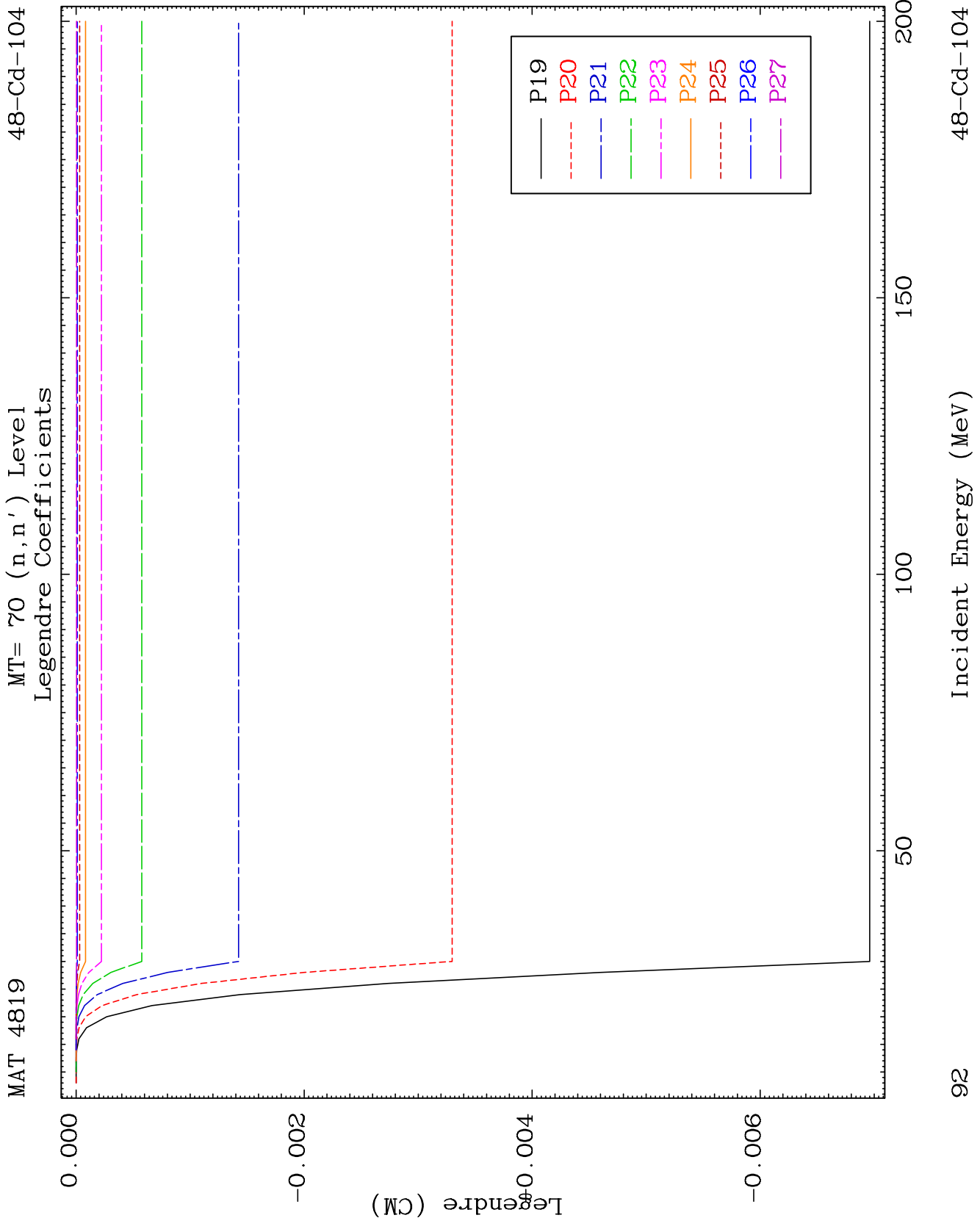
48-Cd-104

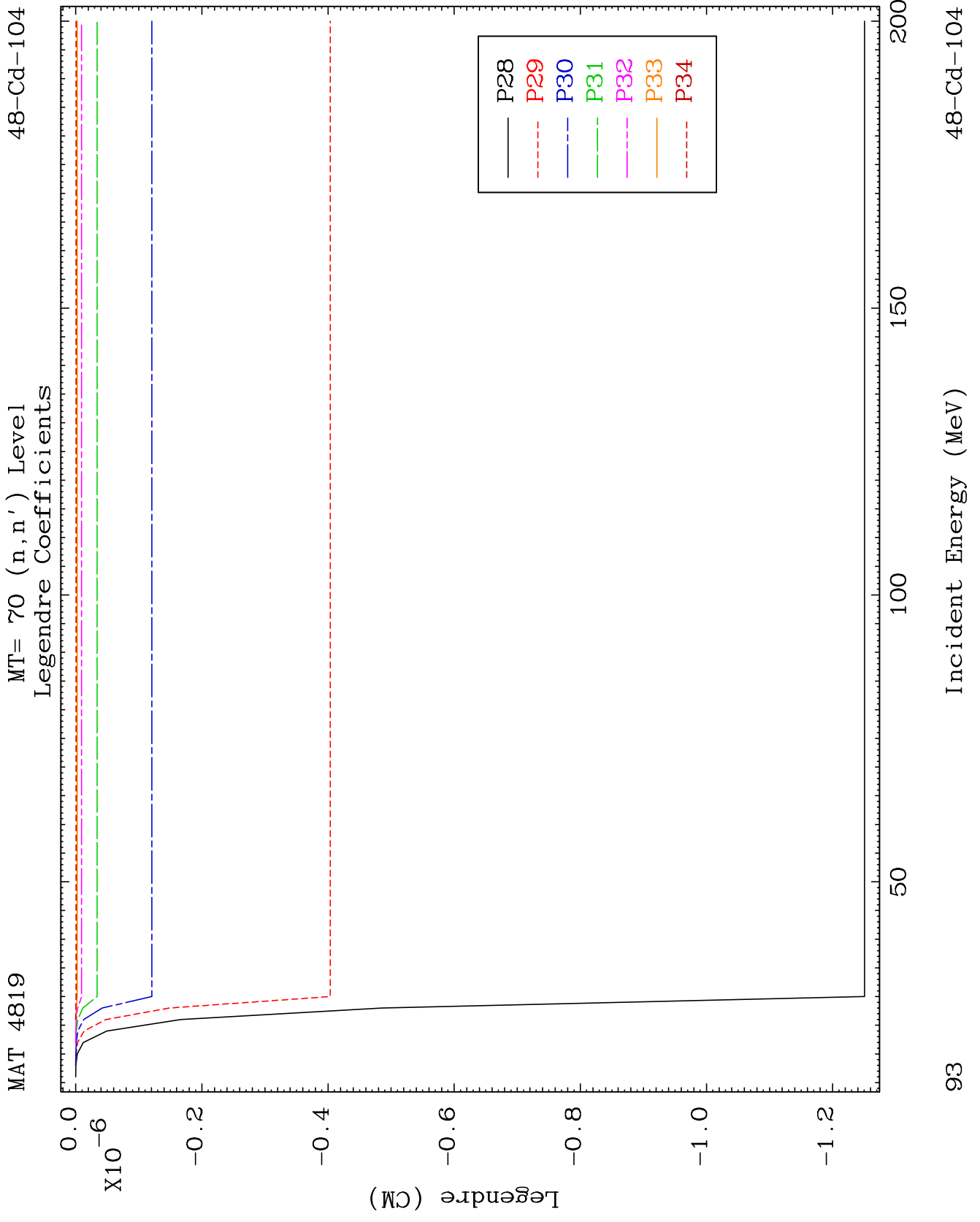
MAT 4819

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

48-Cd-104



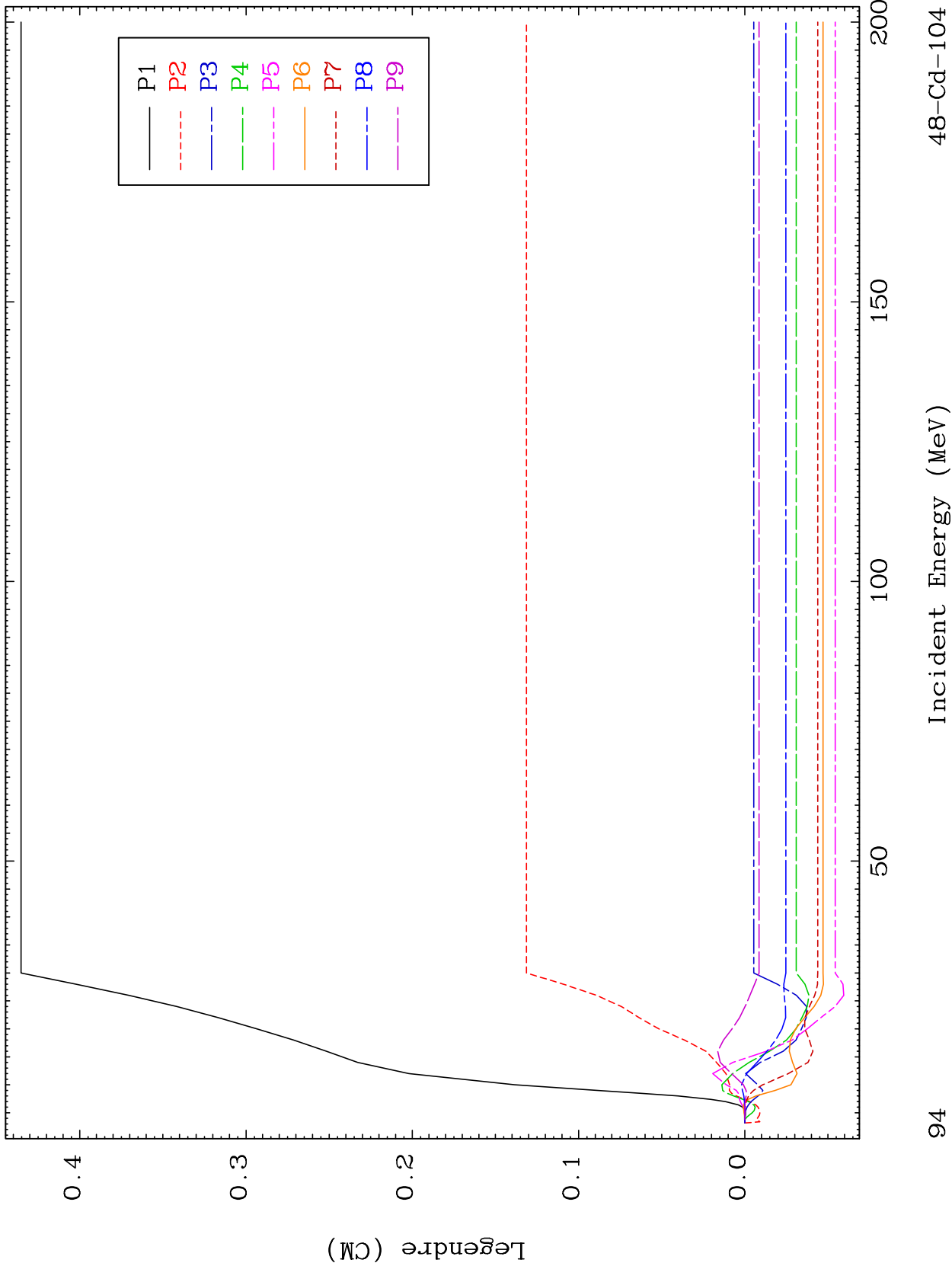




MAT 4819

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

48-Cd-104



94

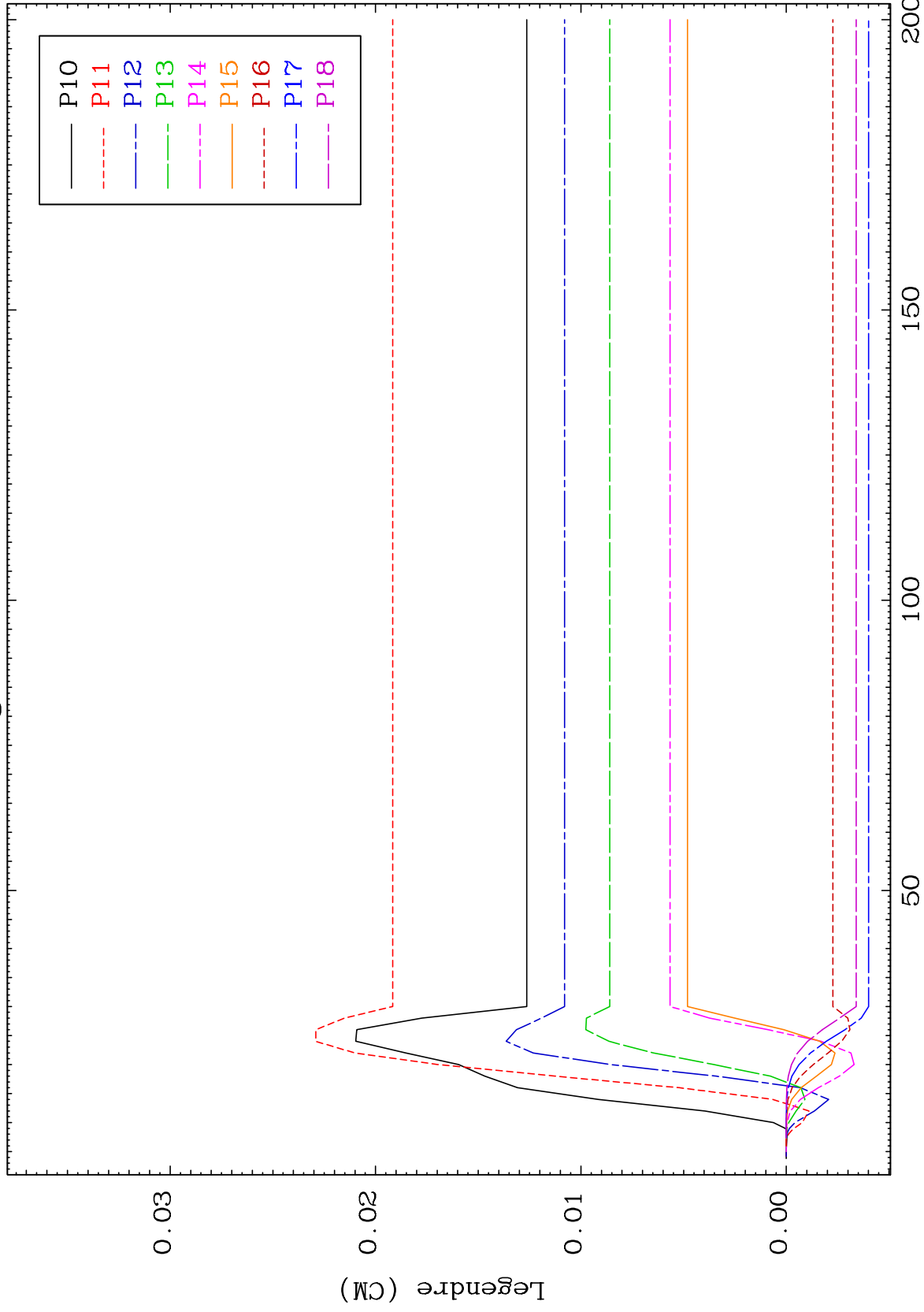
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

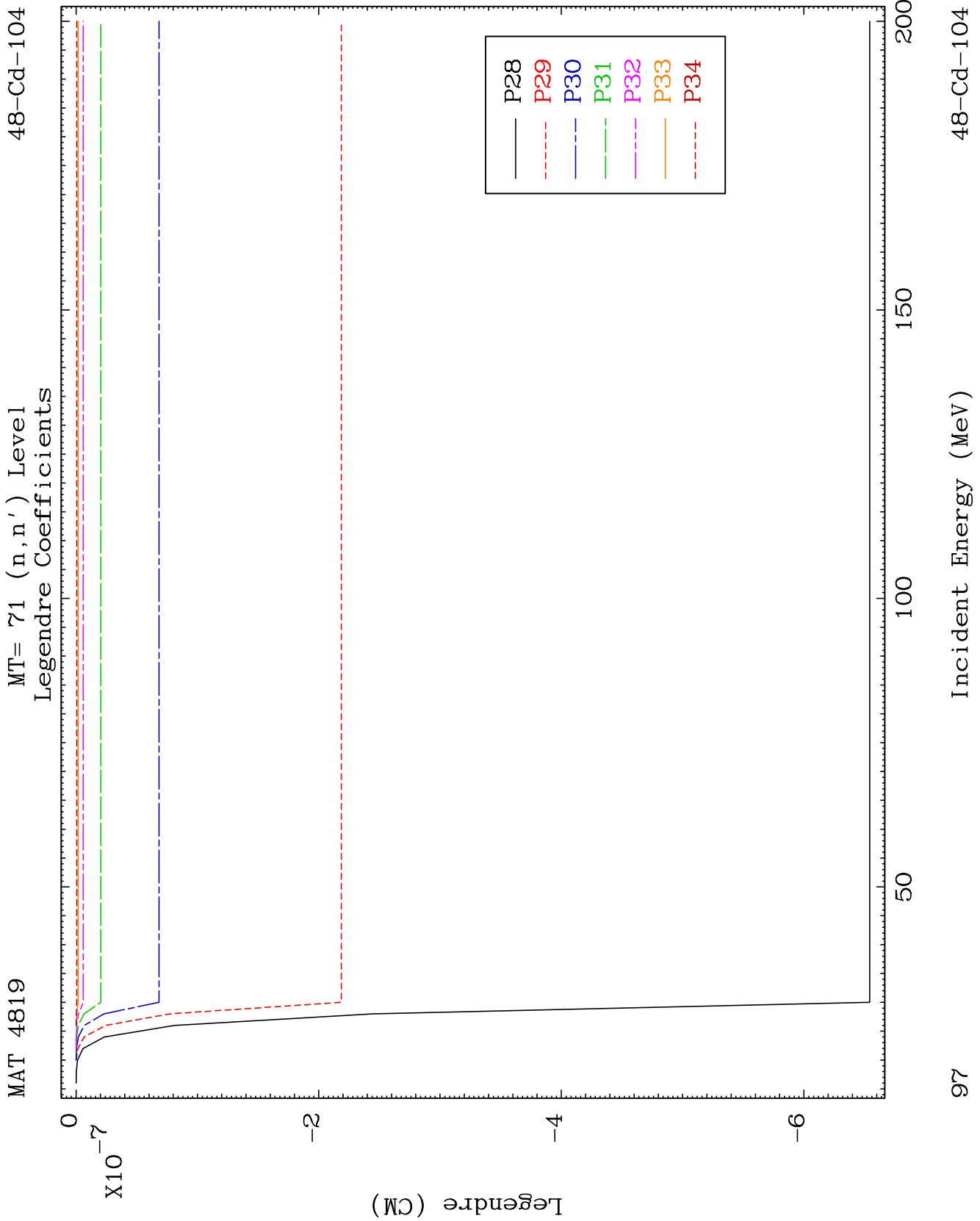
48-Cd-104



95

Incident Energy (MeV)

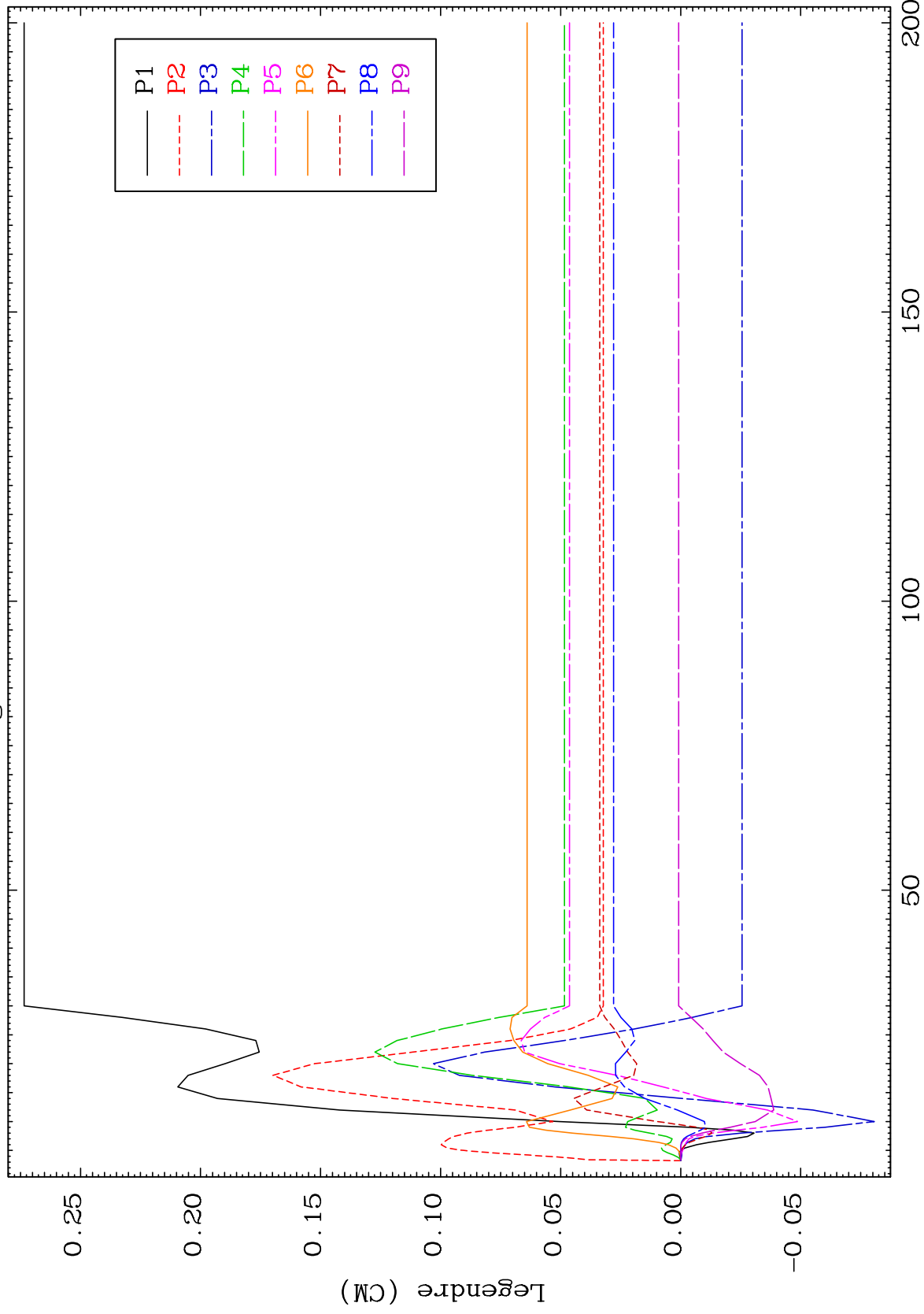
48-Cd-104



MAT 4819

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

48-Cd-104



98

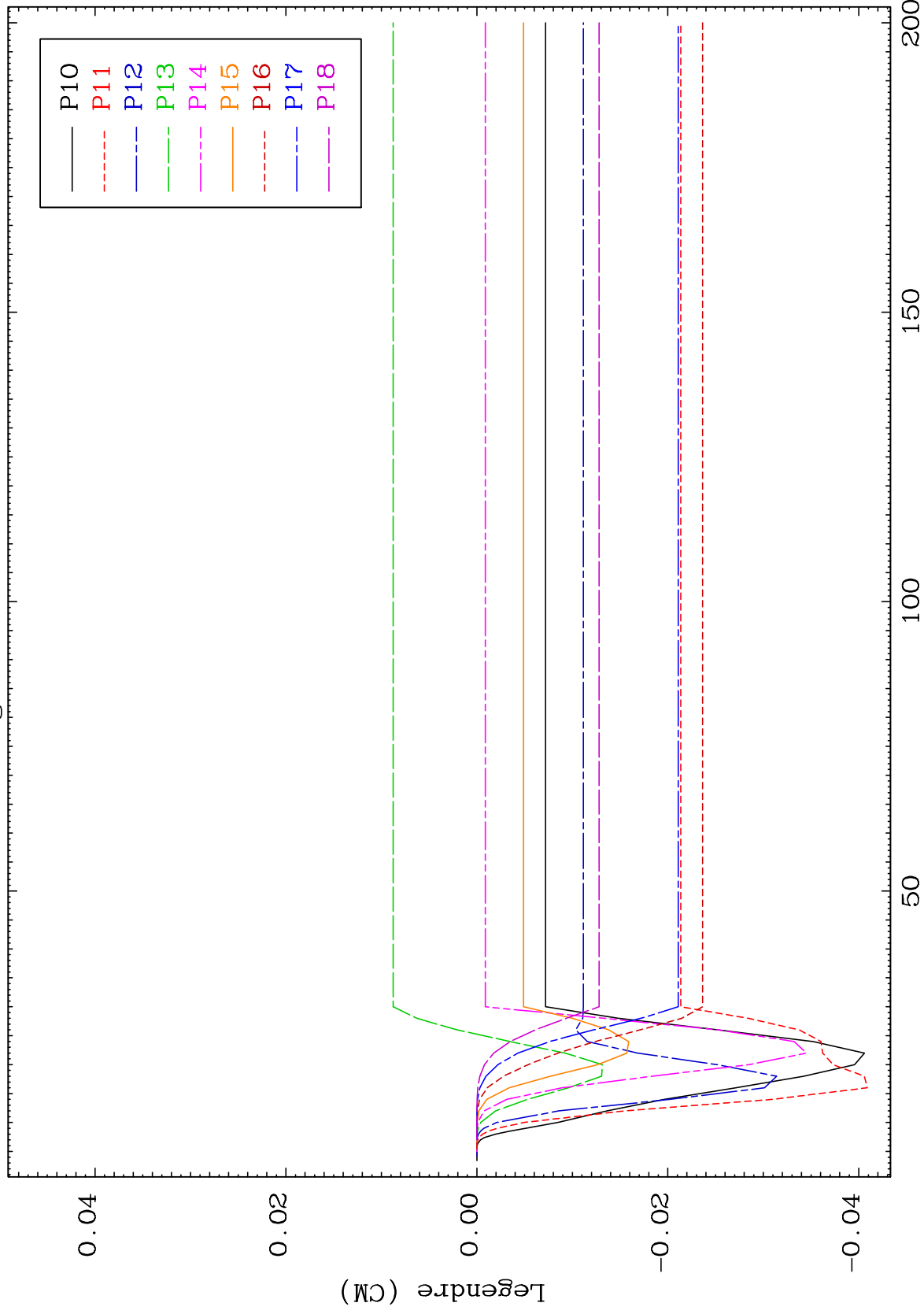
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

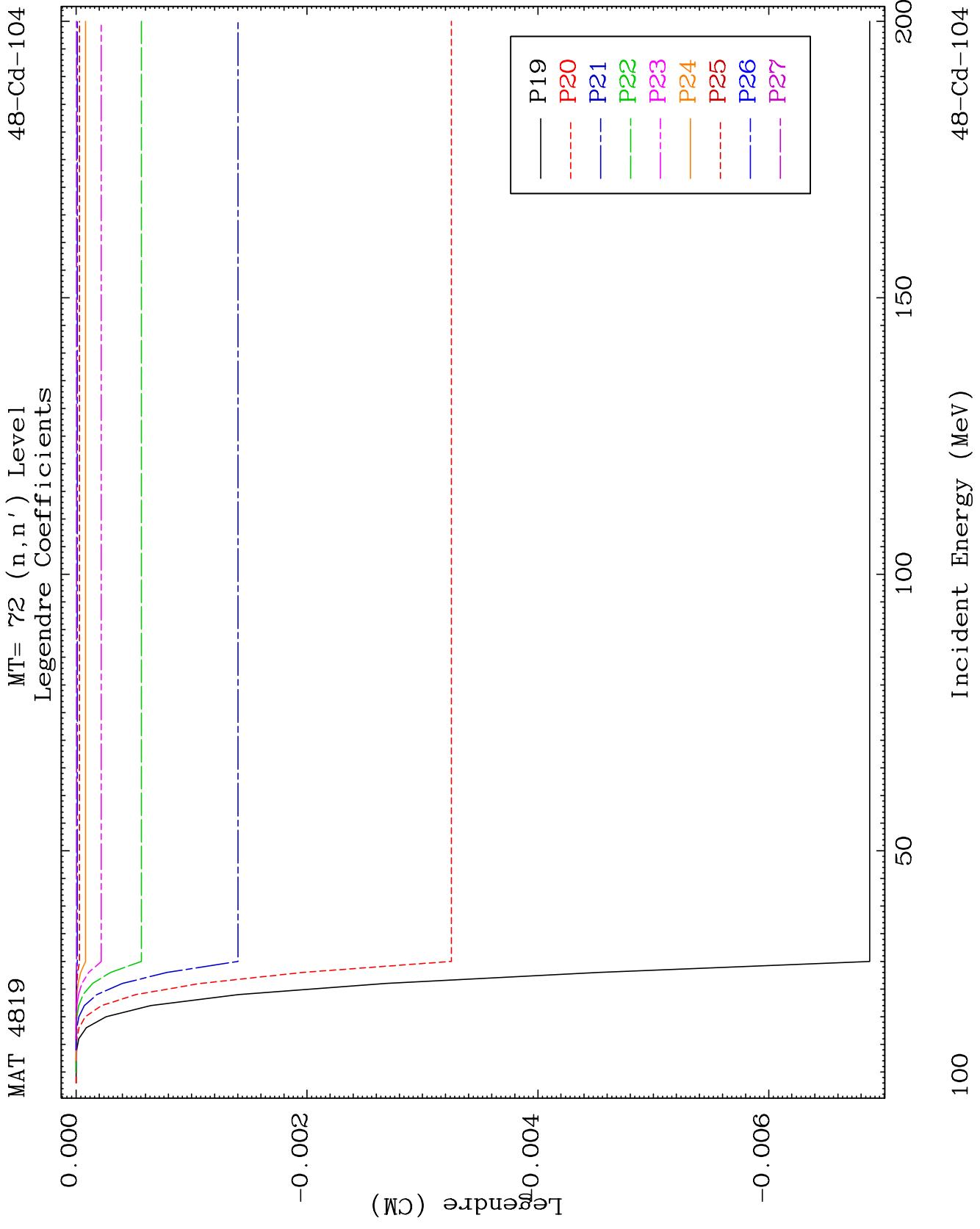
48-Cd-104

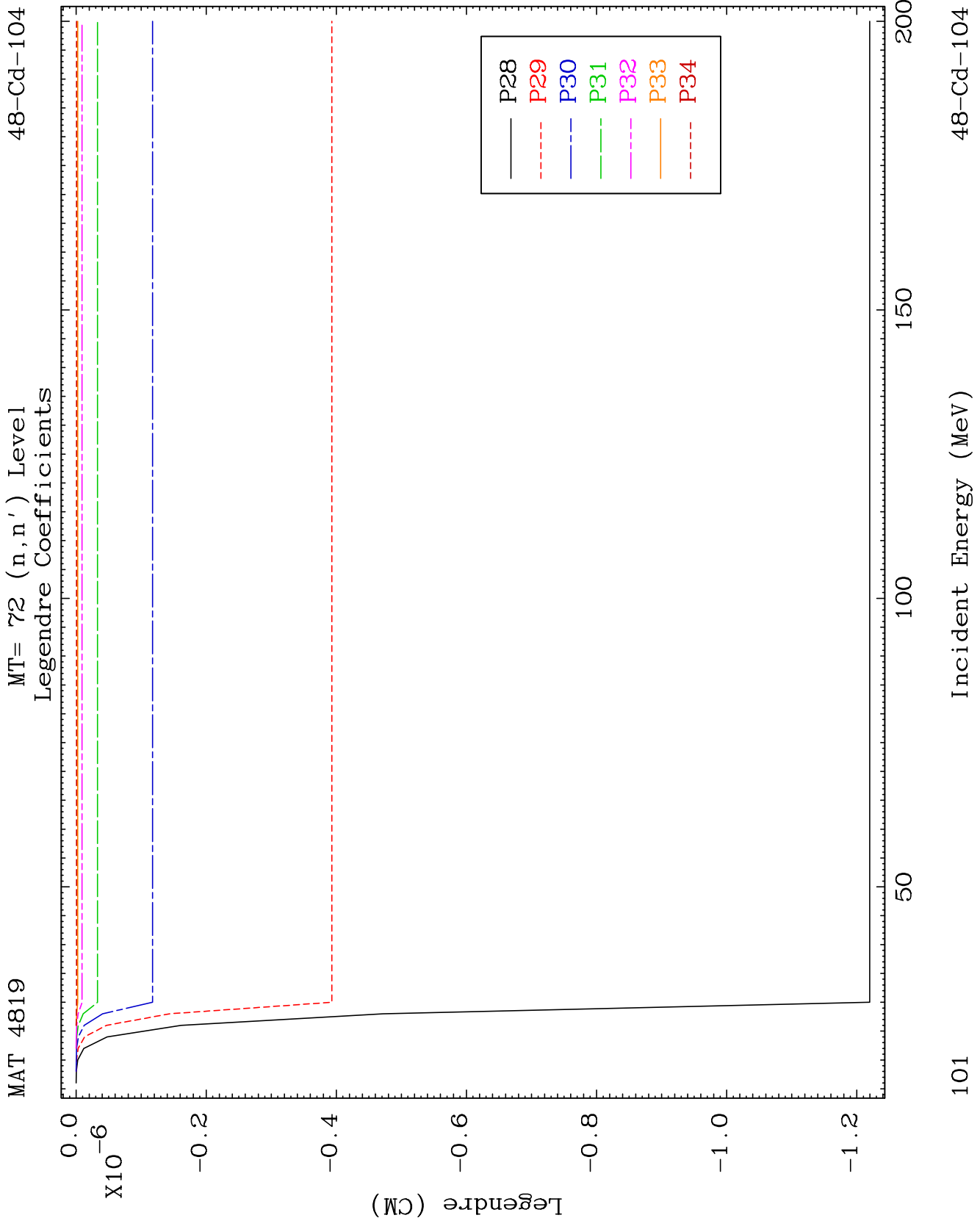


99

Incident Energy (MeV)

48-Cd-104

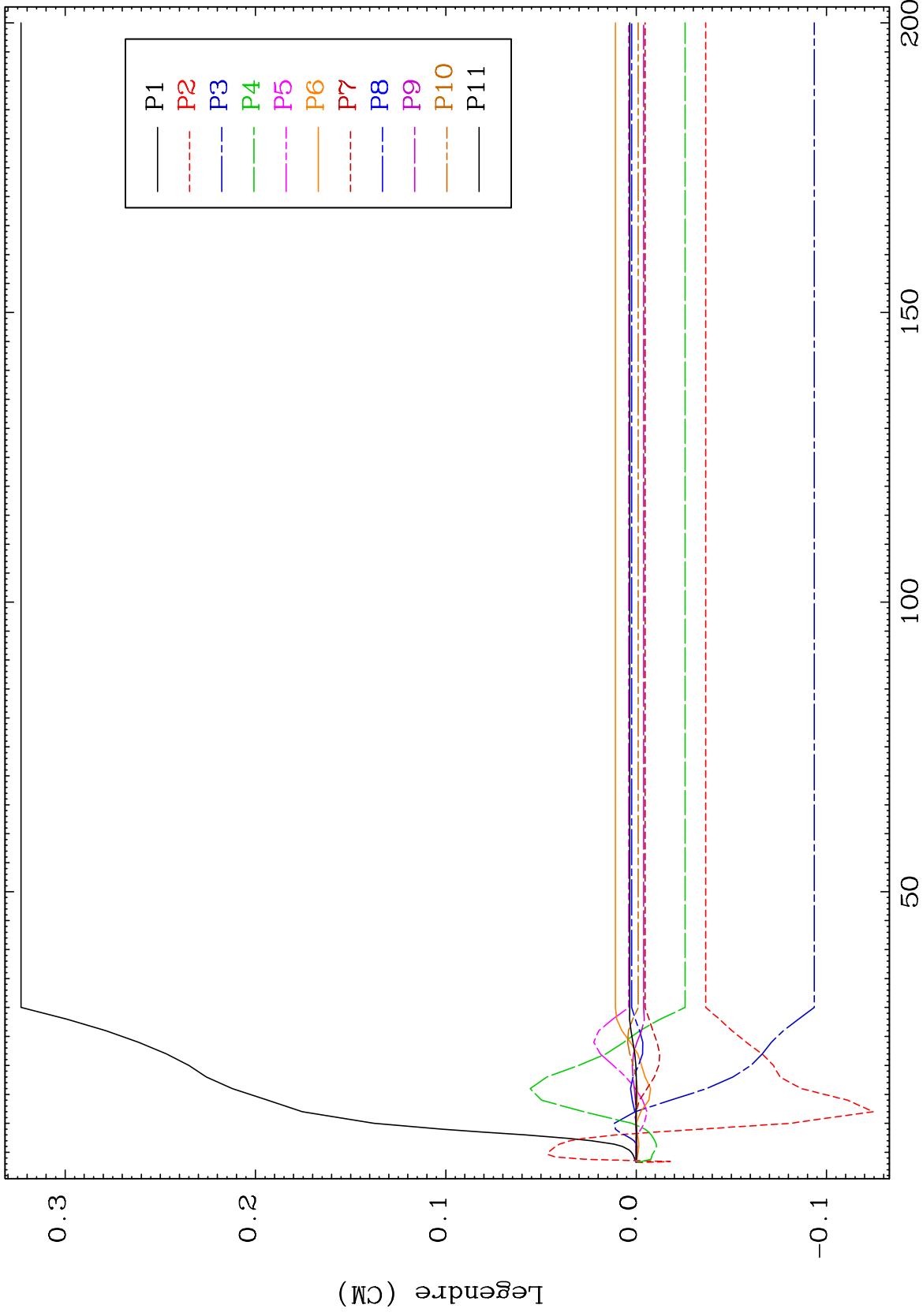




MAT 4819

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

48-Cd-104



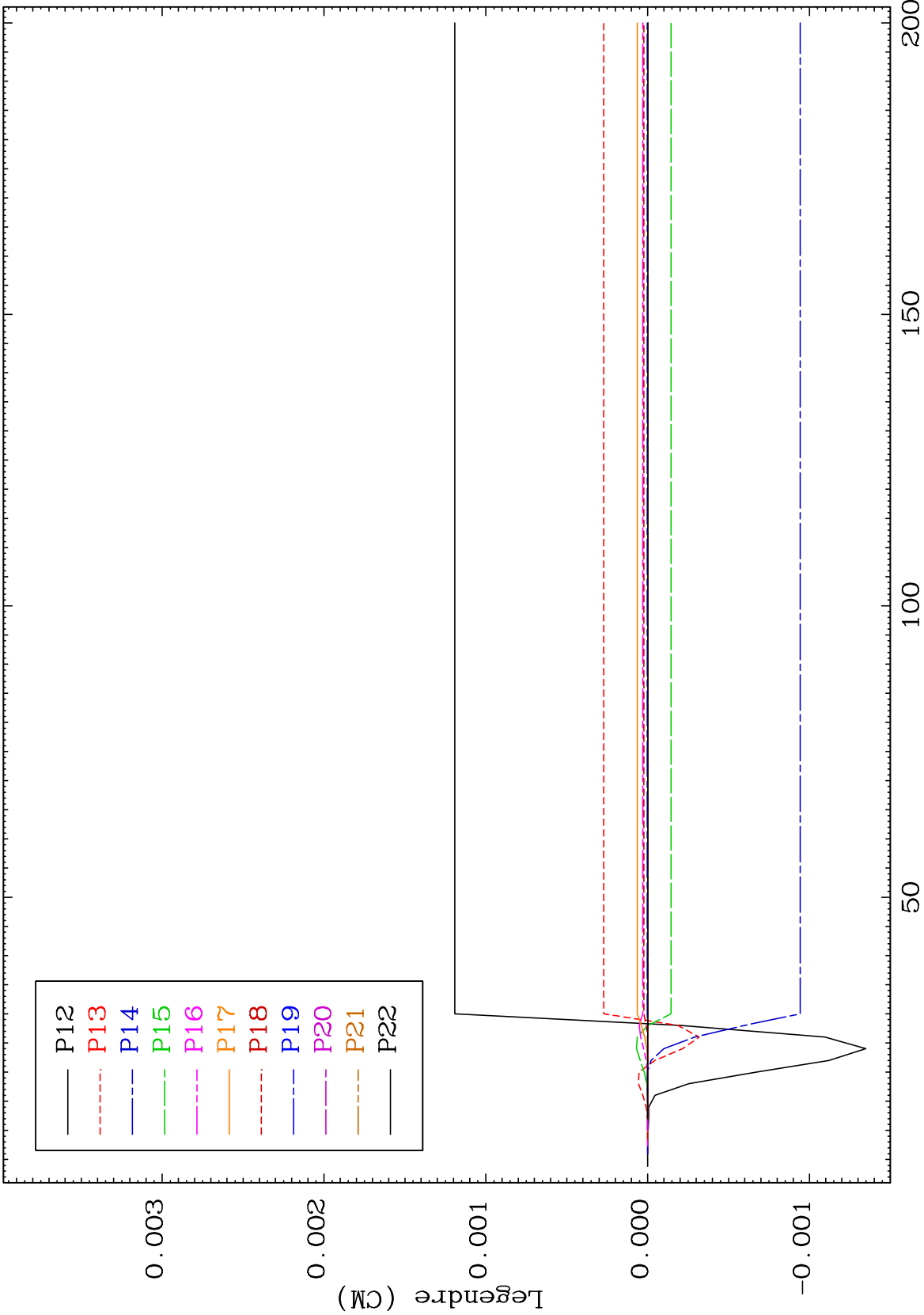
102

48-Cd-104

MAT 4819

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

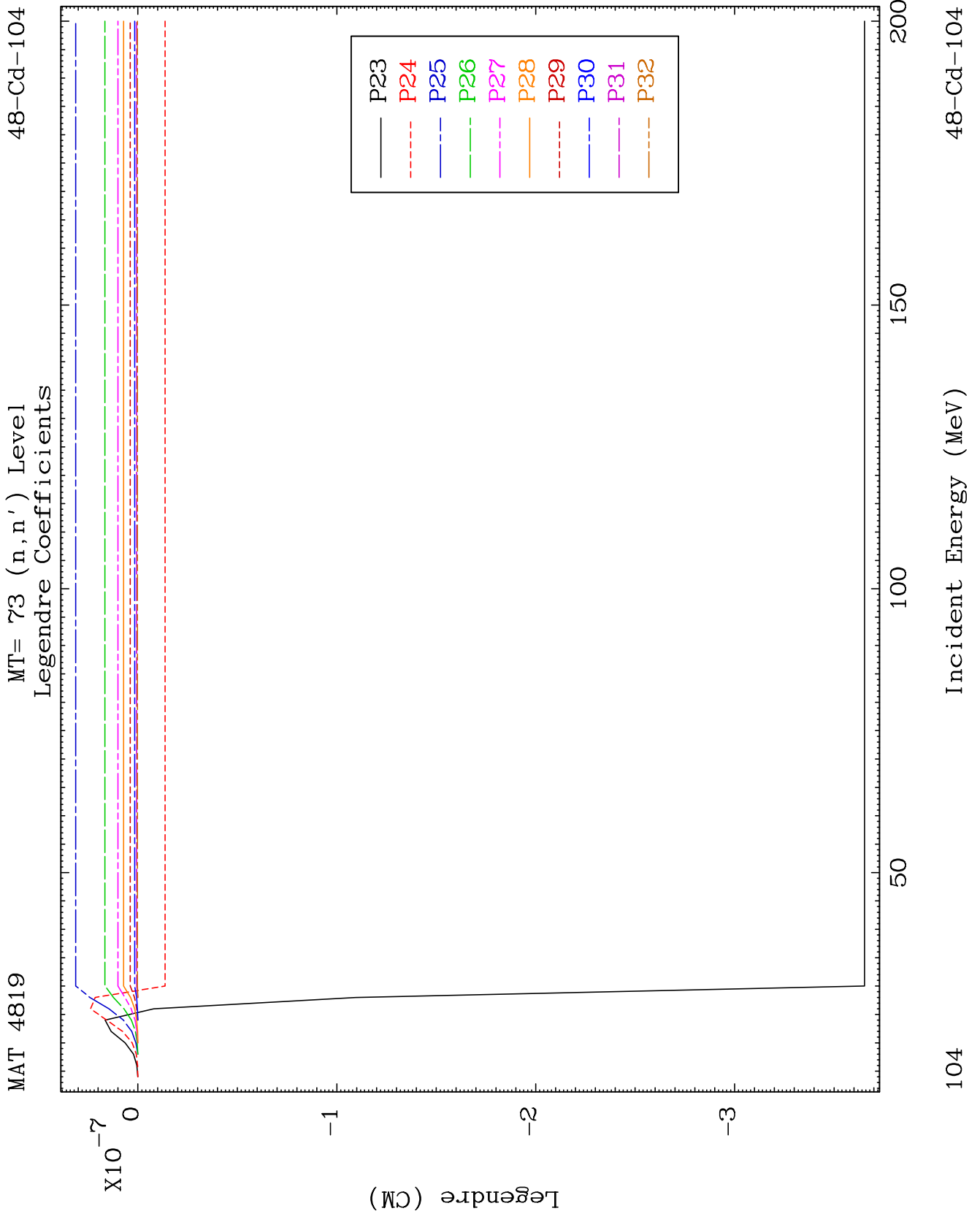
48-Cd-104



103

Incident Energy (MeV)

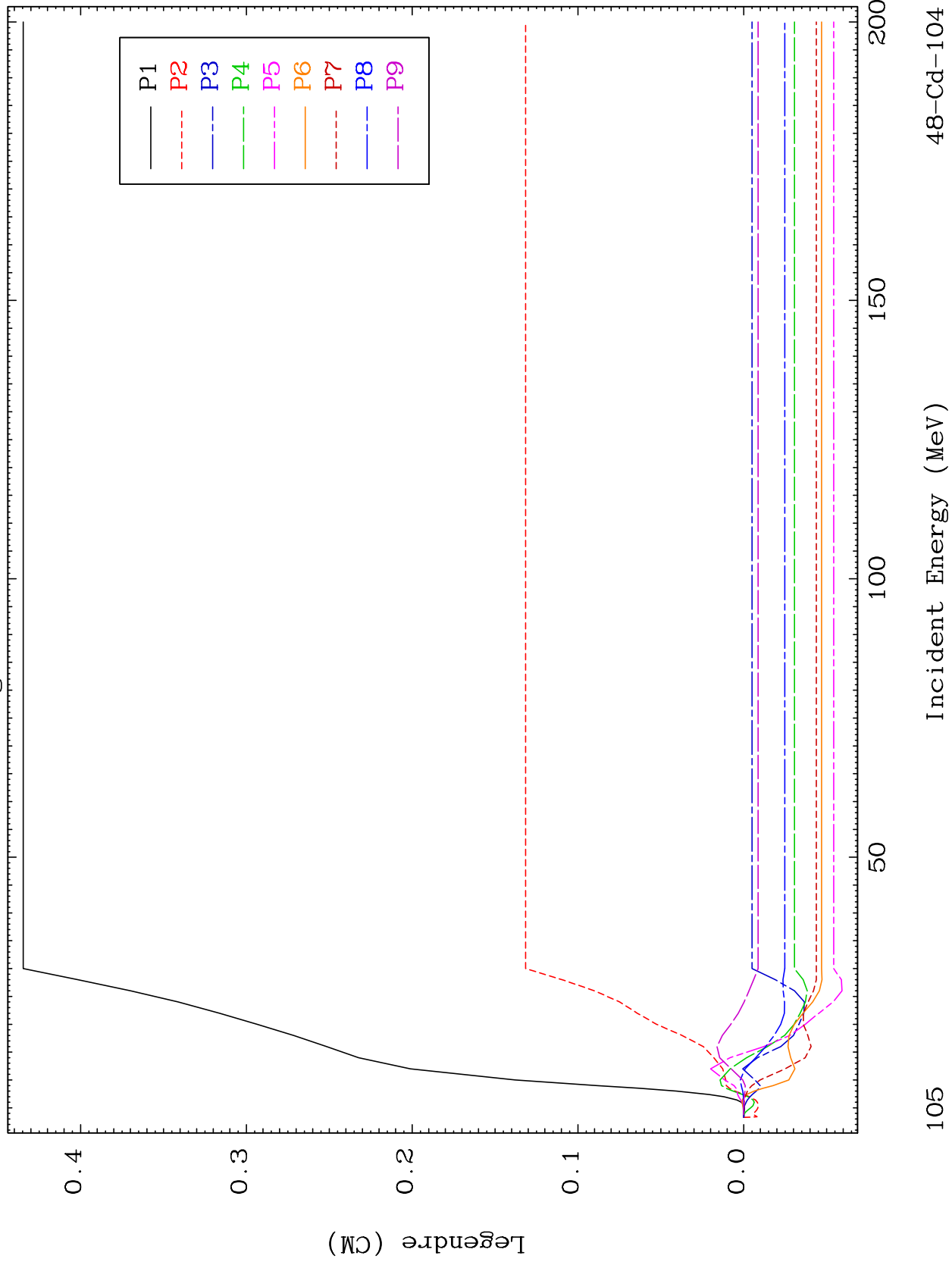
48-Cd-104



MAT 4819

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

48-Cd-104

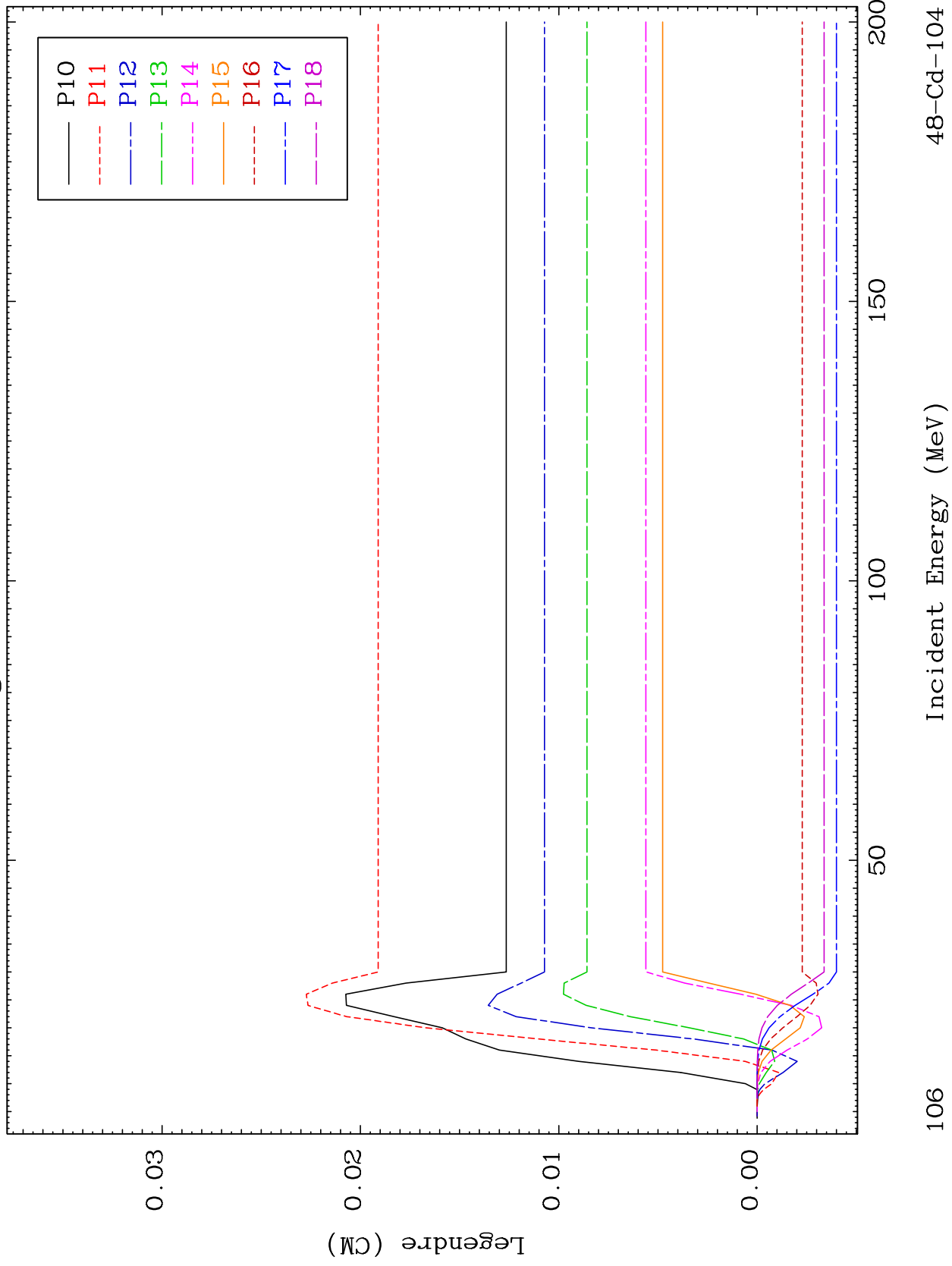


105

MAT 4819

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

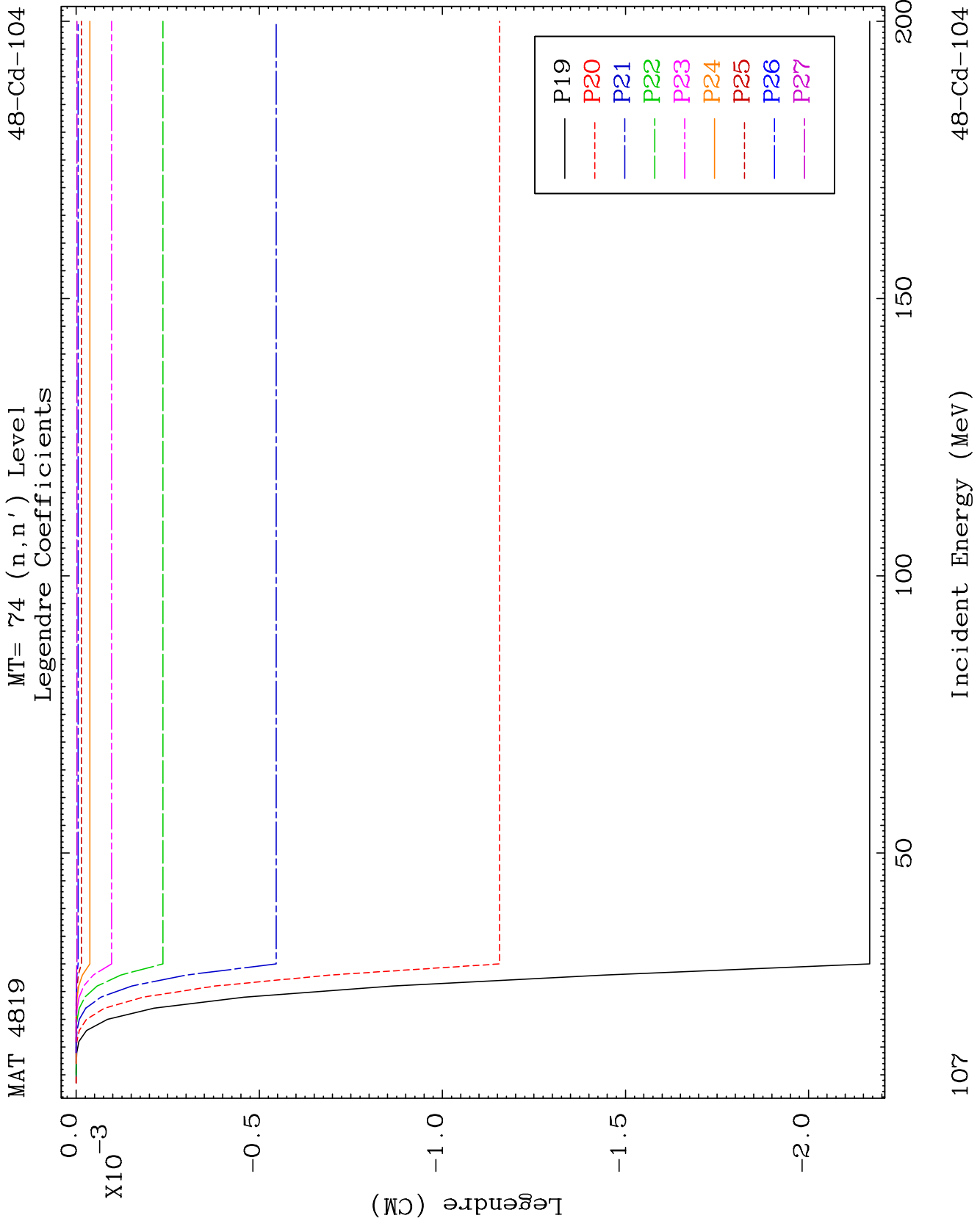
48-Cd-104

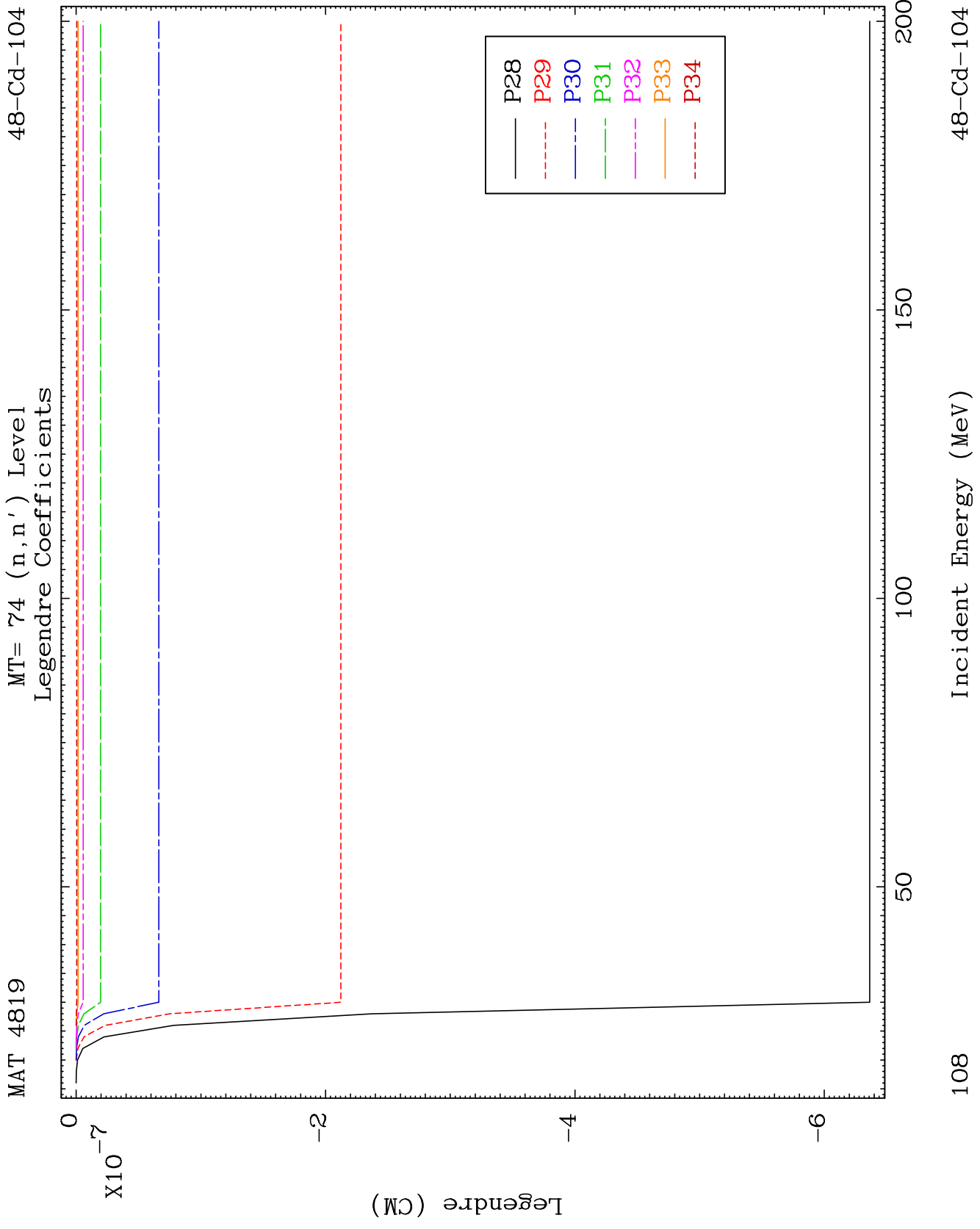


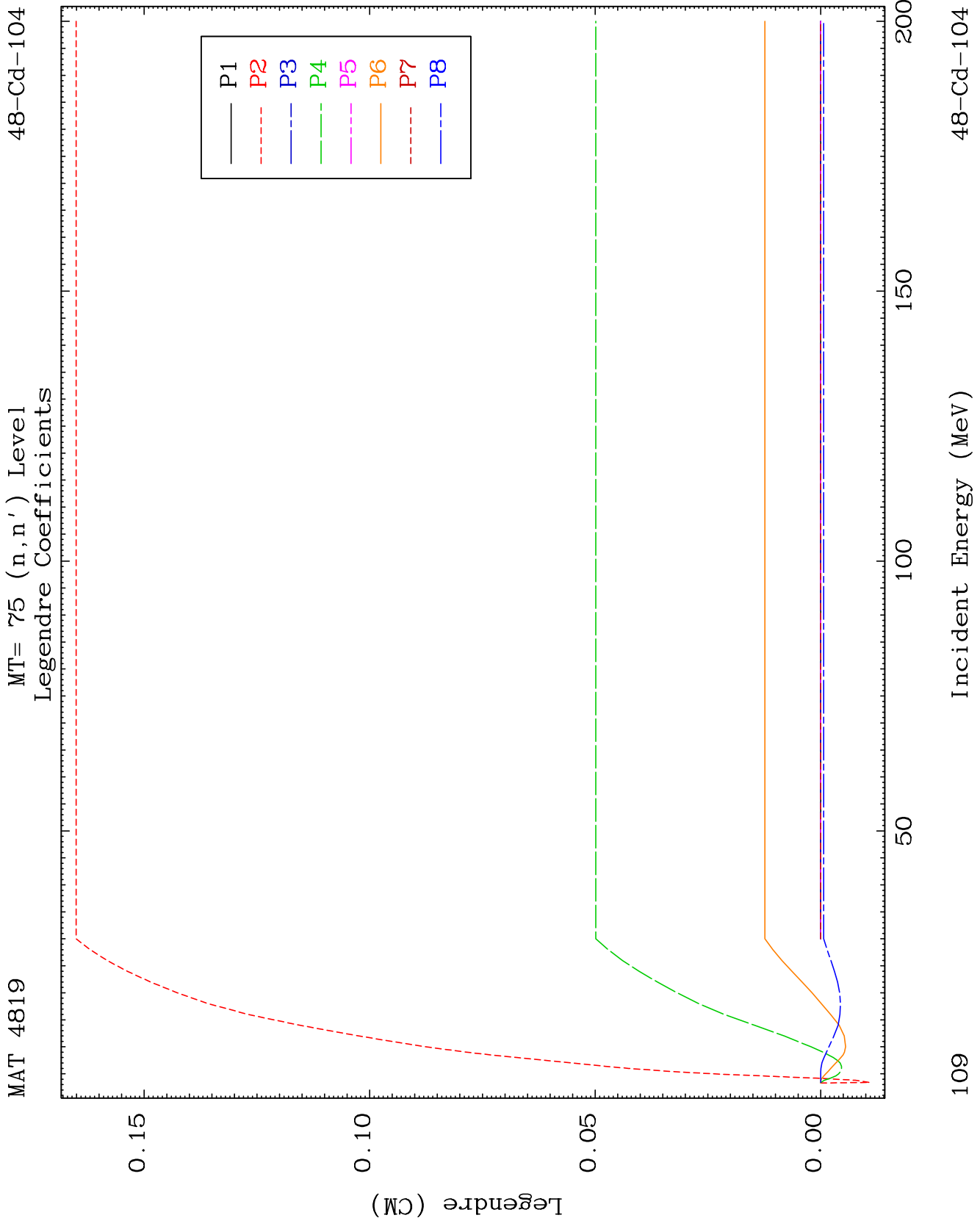
106

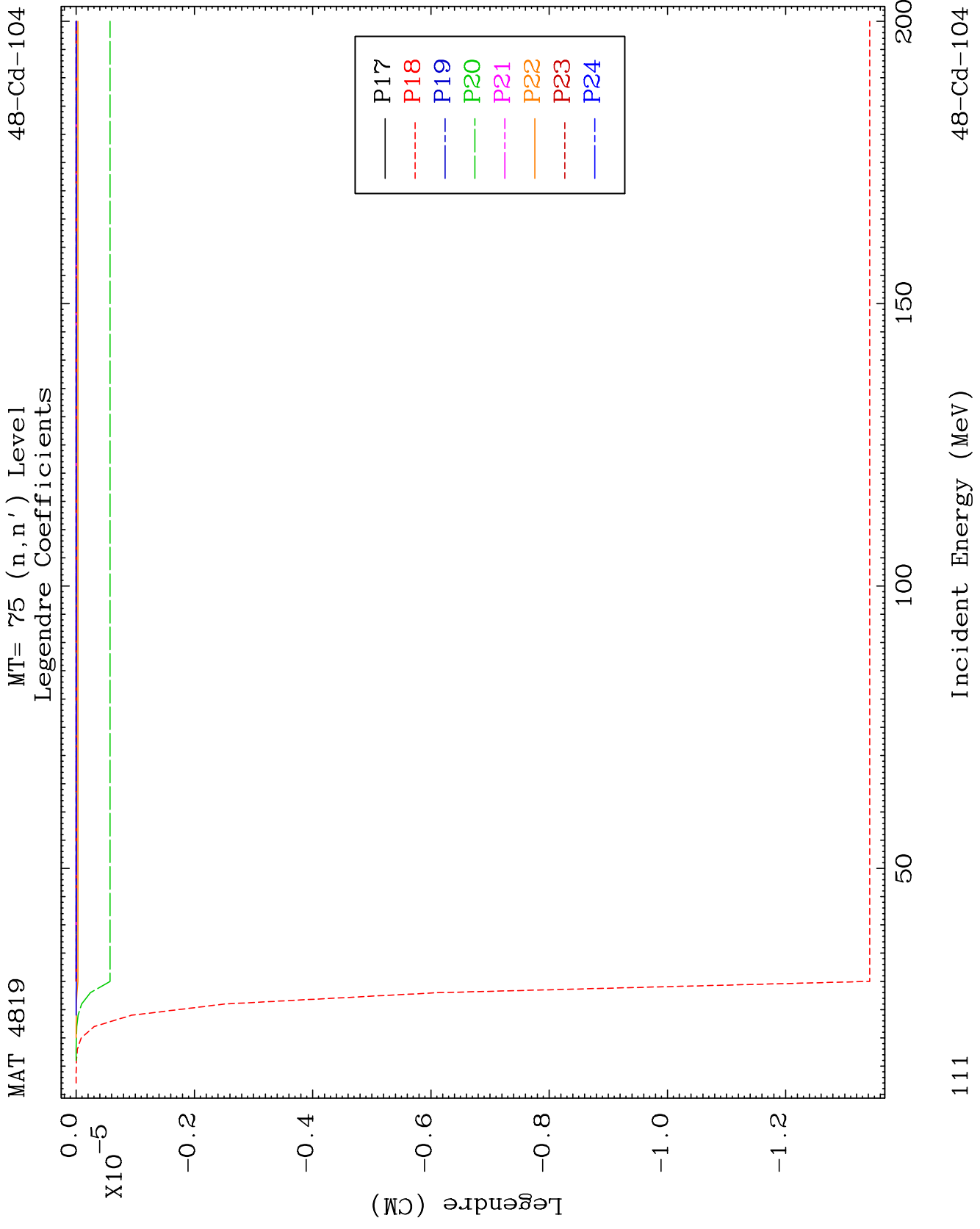
Incident Energy (MeV)

48-Cd-104





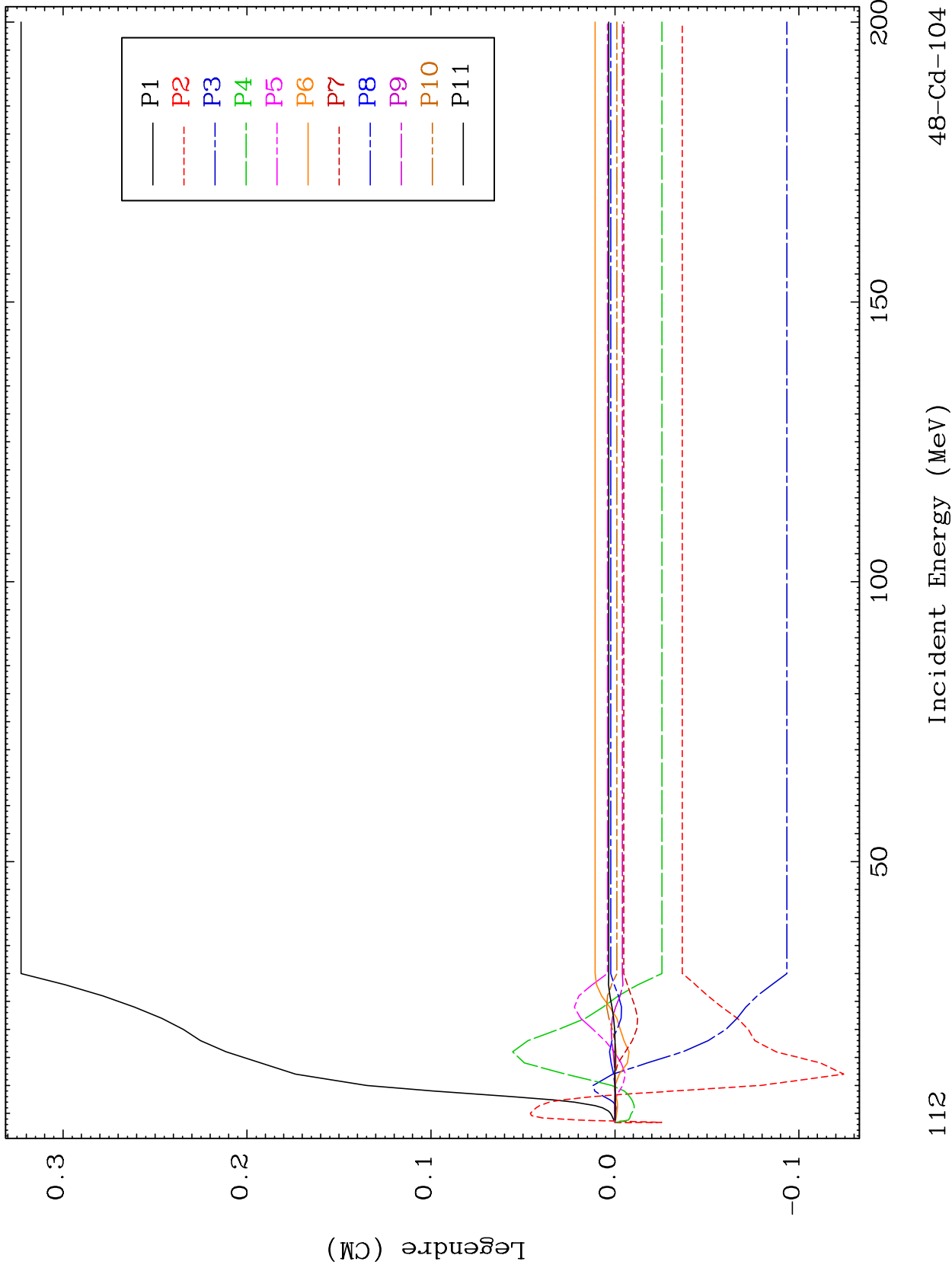




MAT 4819

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

48-Cd-104



112

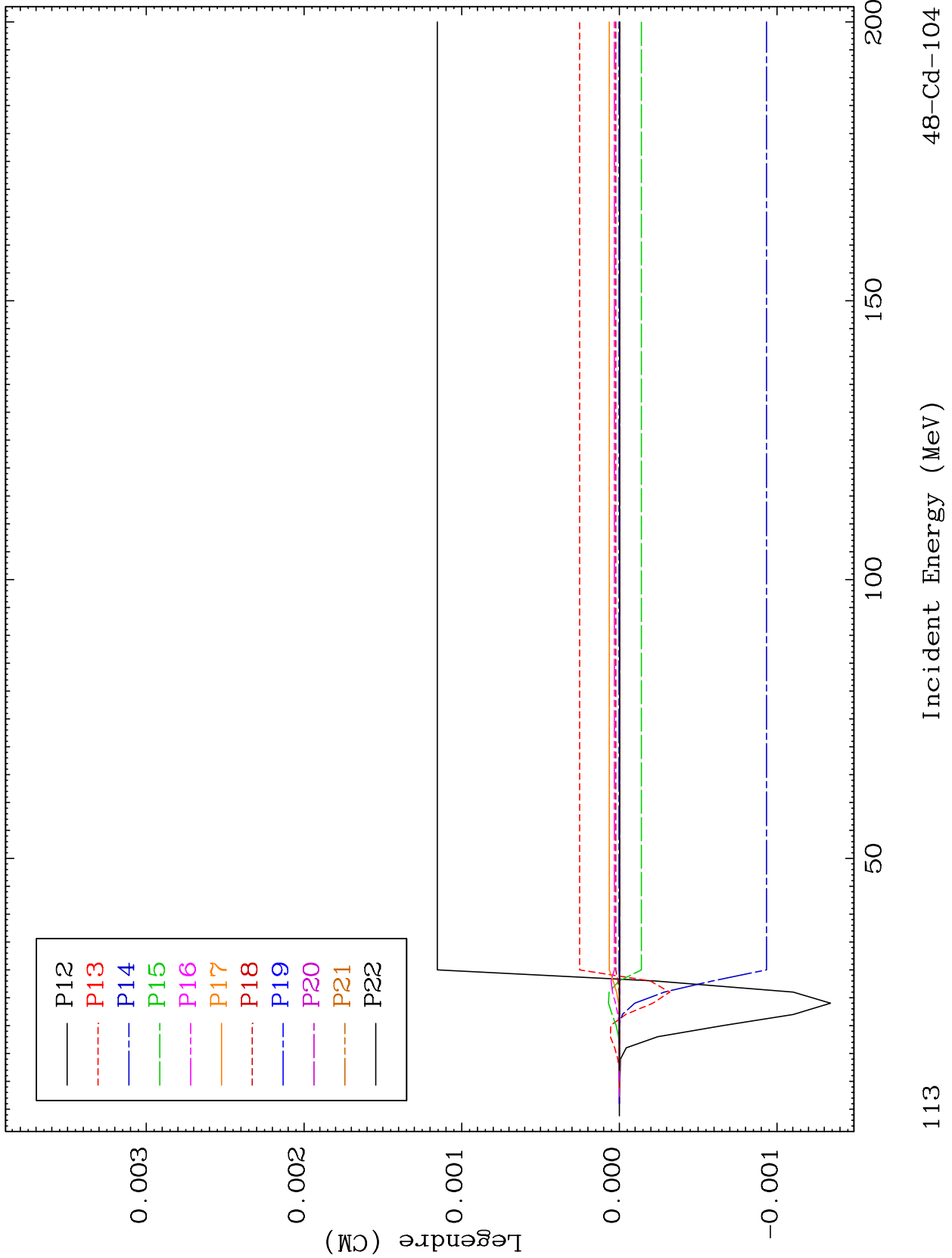
Incident Energy (MeV)

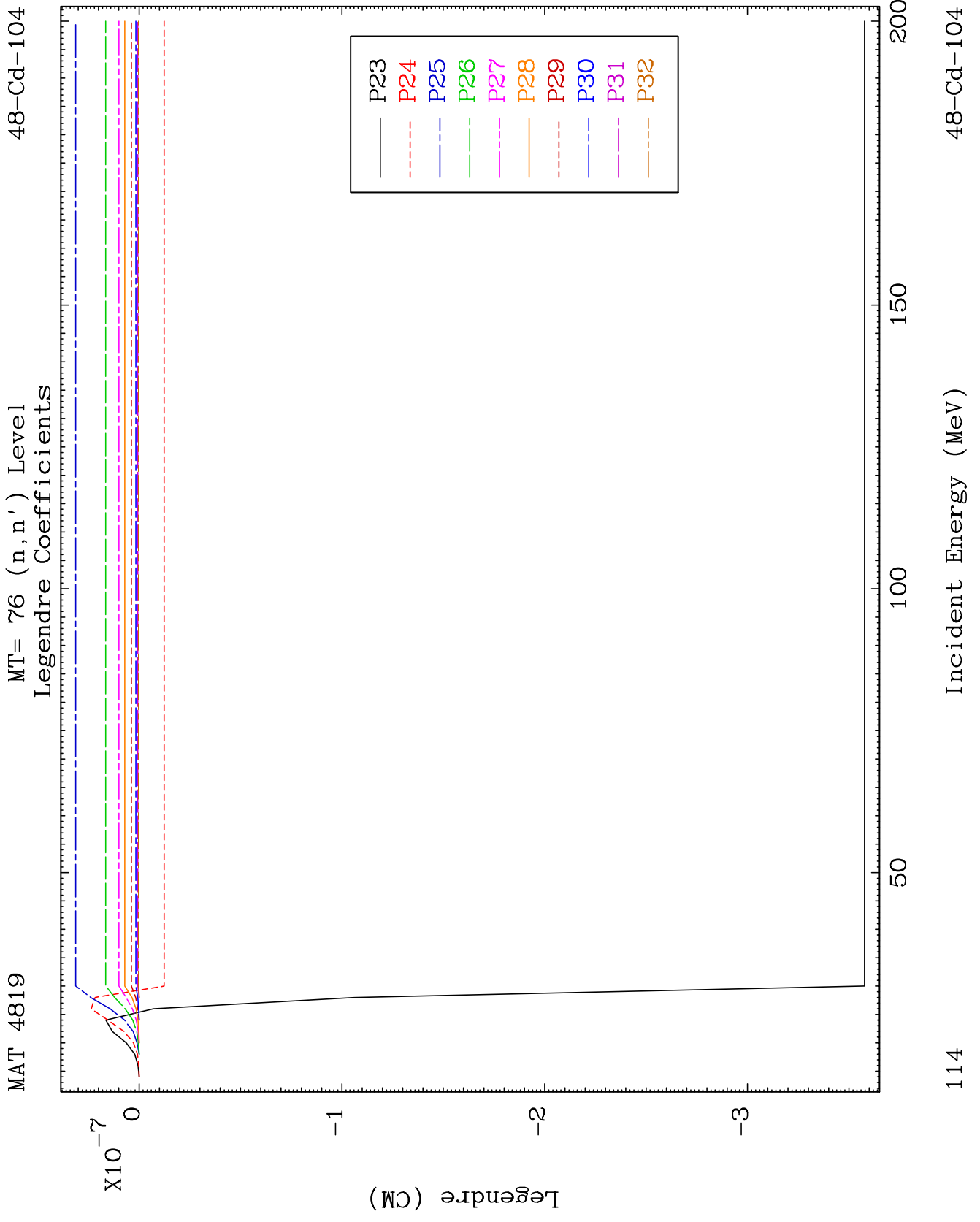
48-Cd-104

MAT 4819

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

48-Cd-104

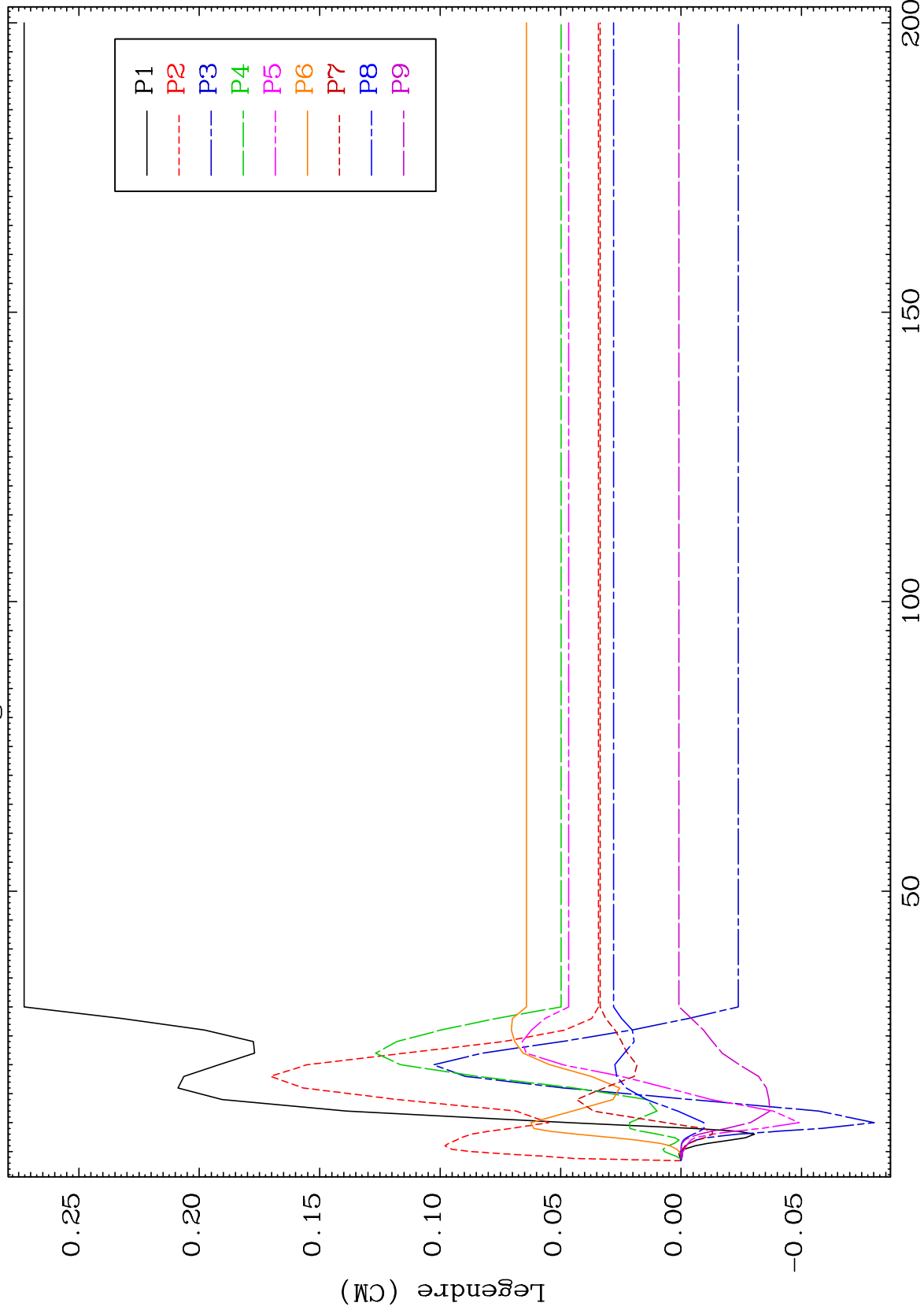




MAT 4819

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

48-Cd-104



115

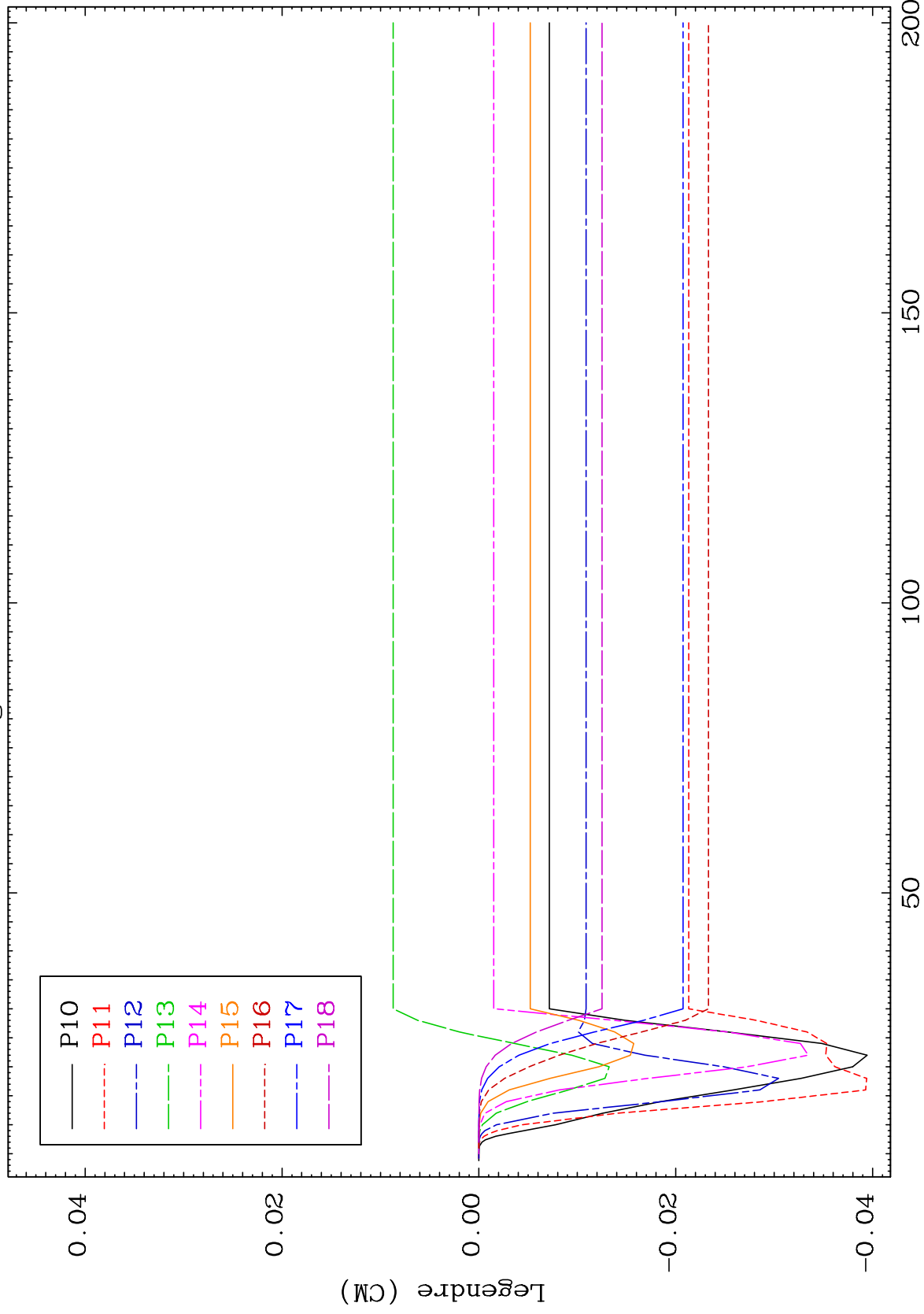
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

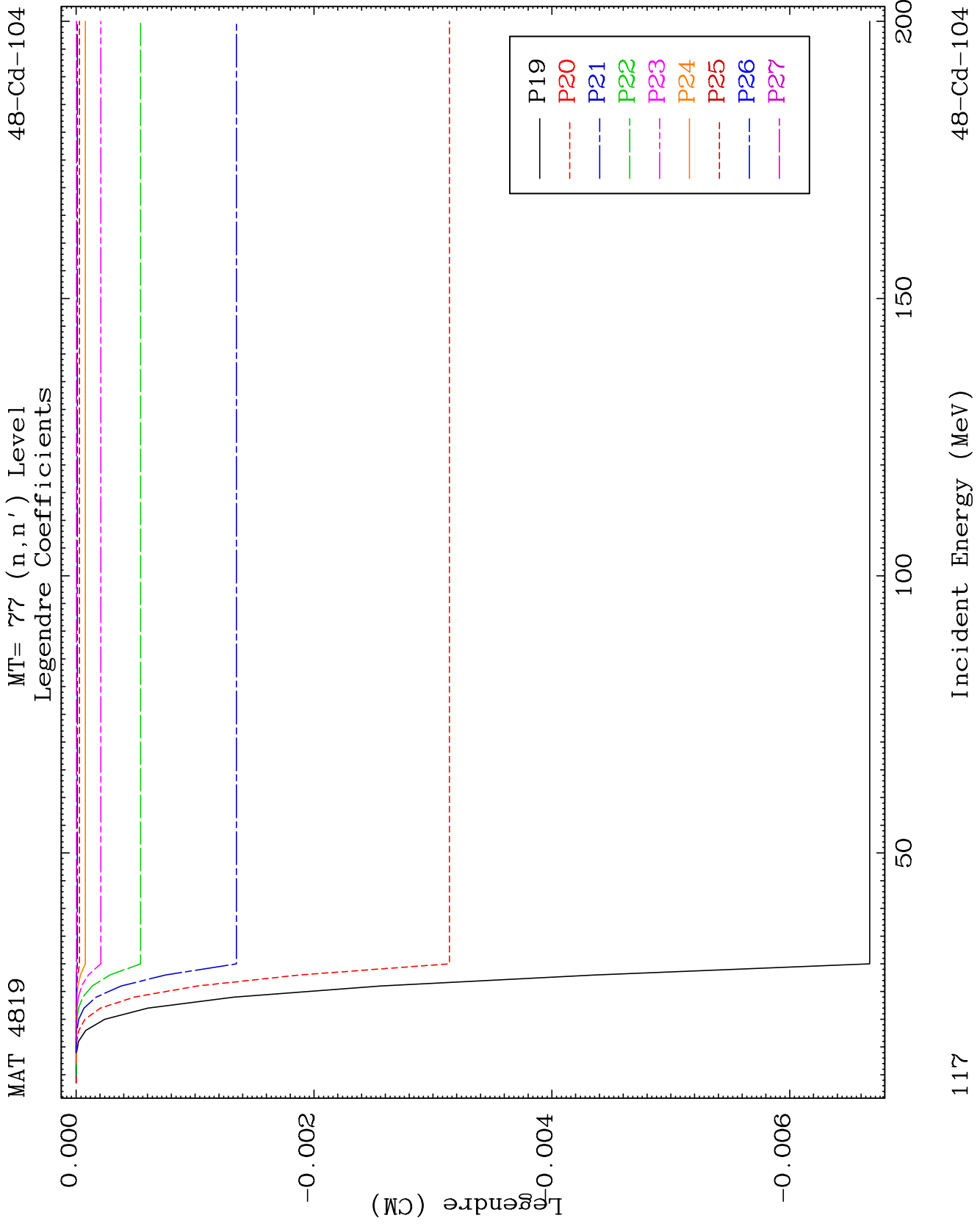
48-Cd-104

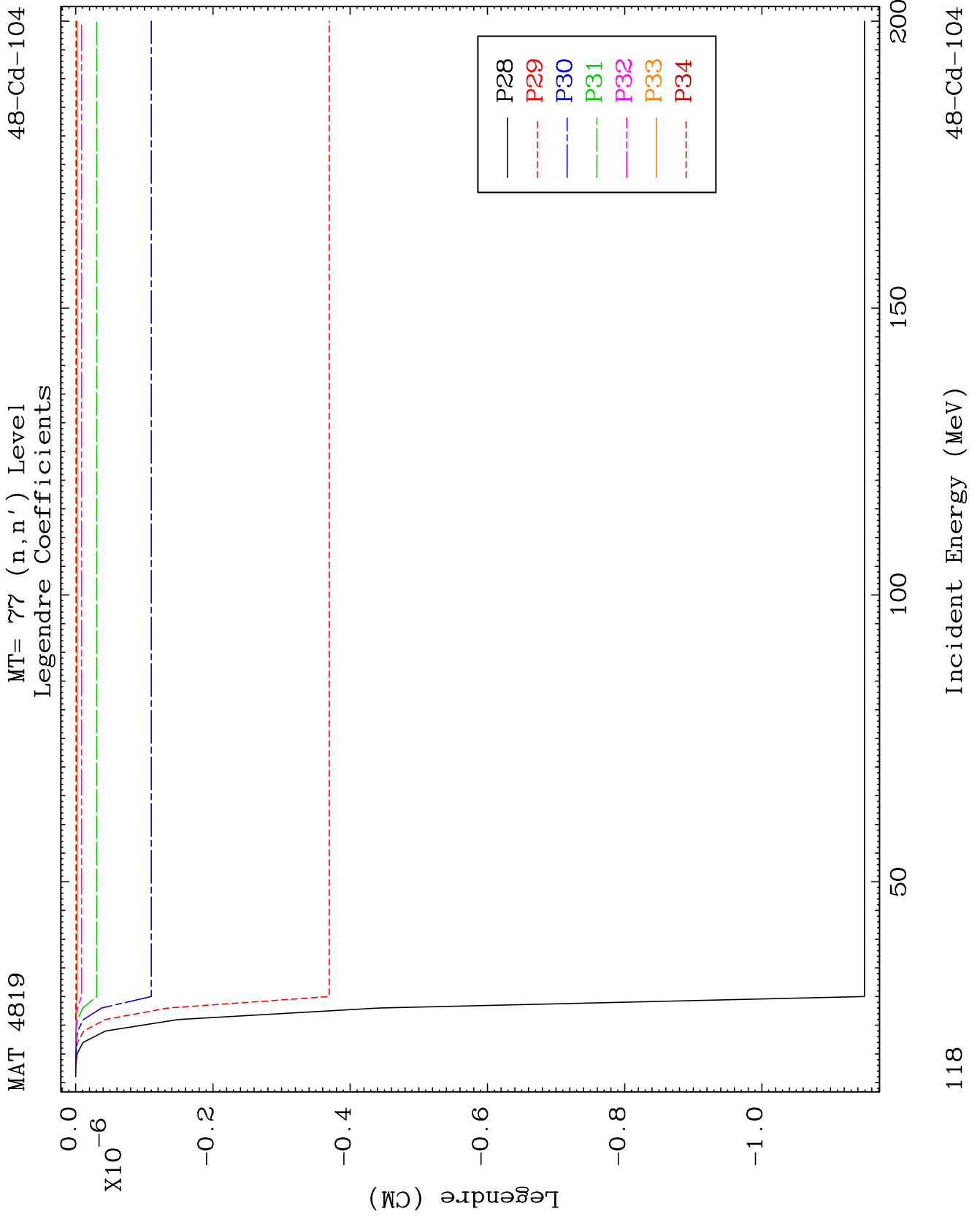


116

Incident Energy (MeV)

48-Cd-104

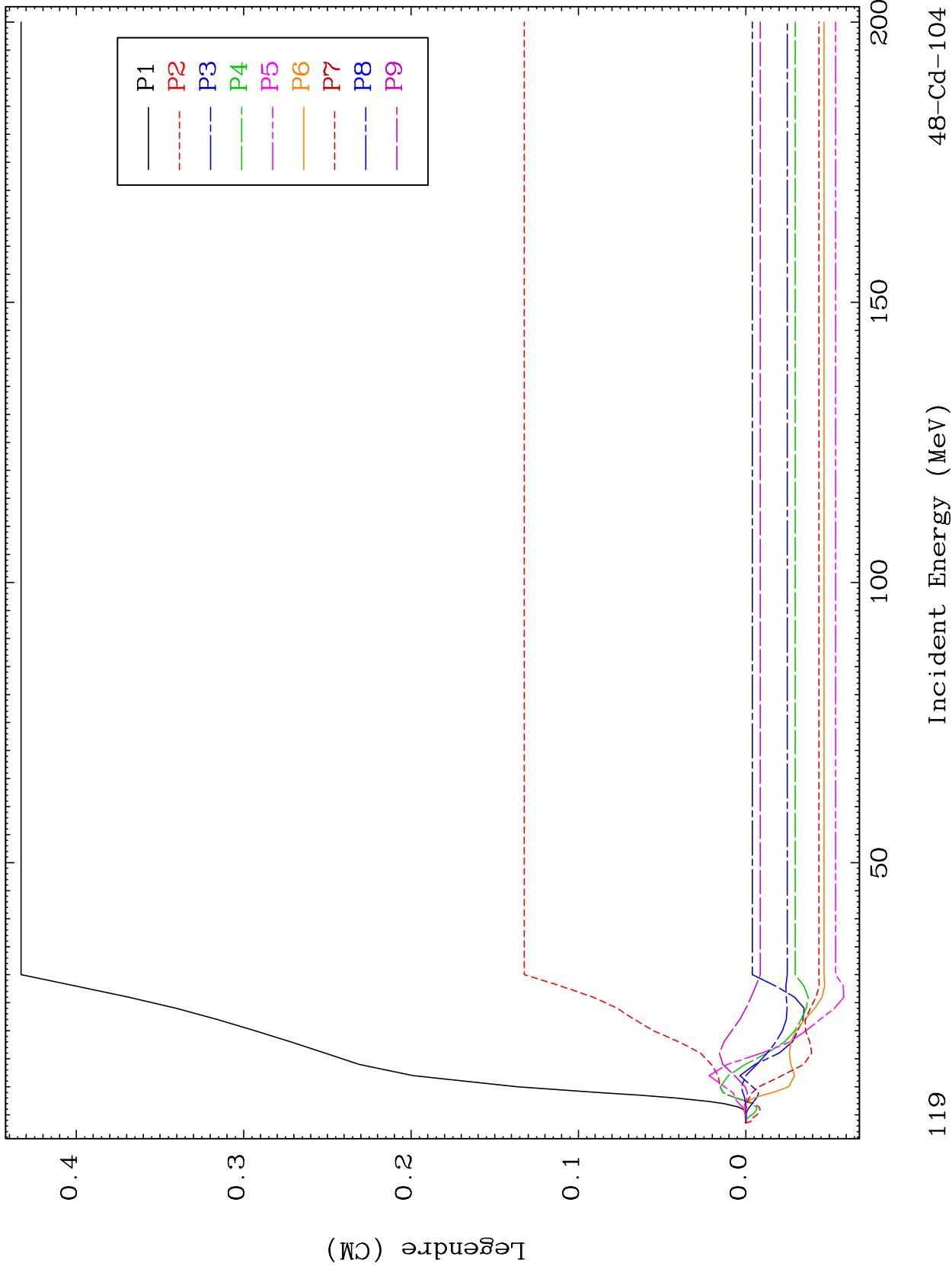




MAT 4819

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

48-Cd-104



119

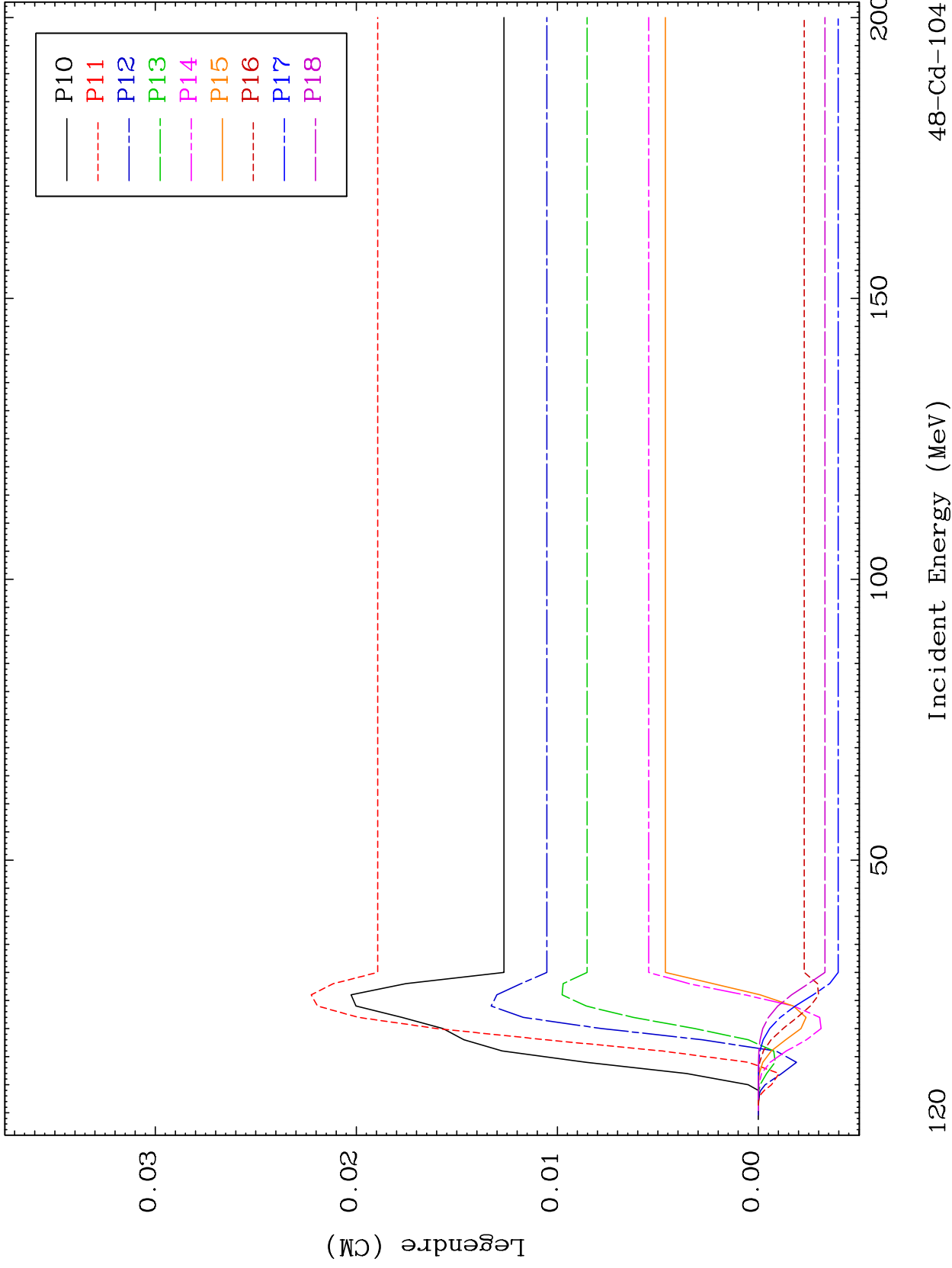
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

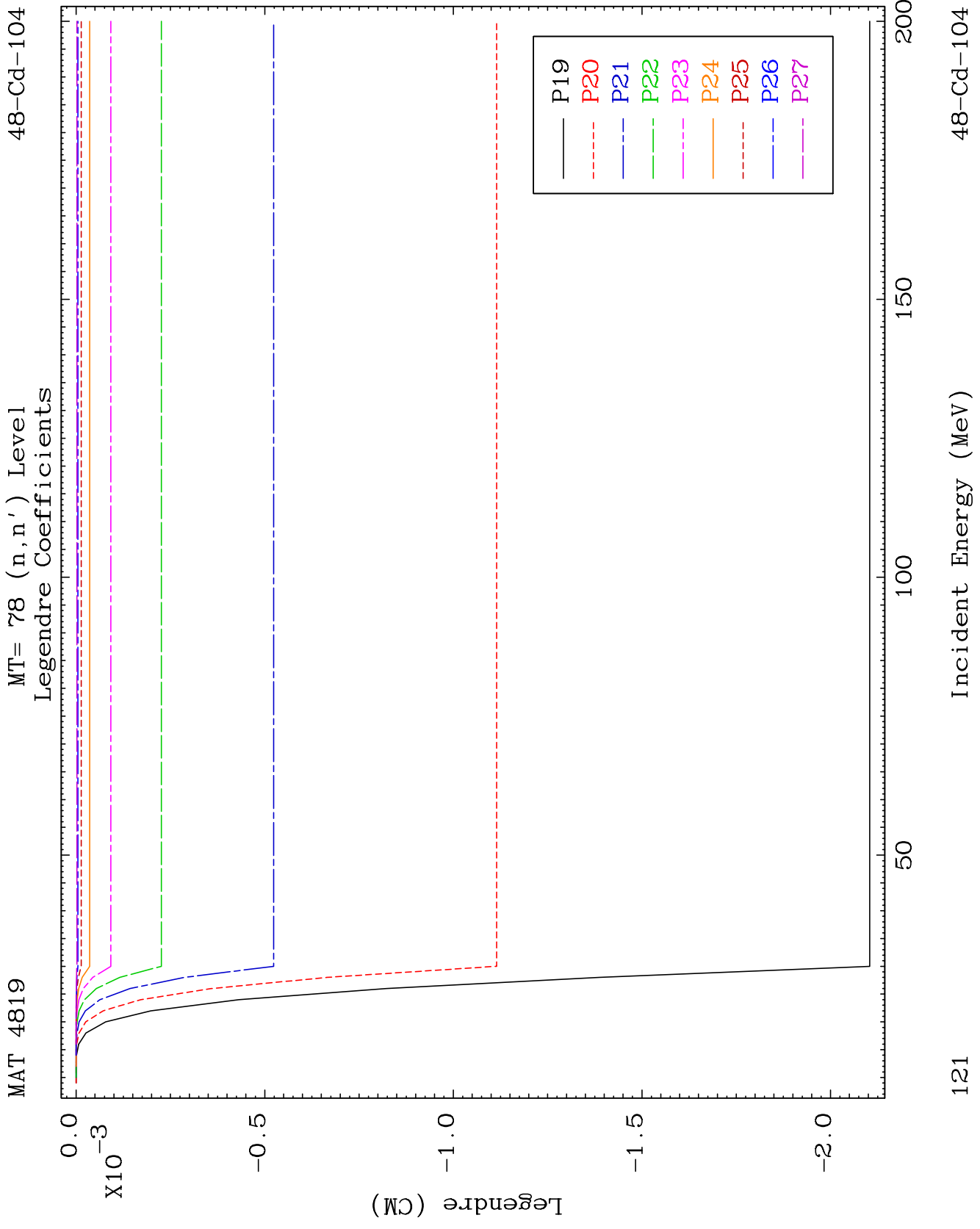
48-Cd-104

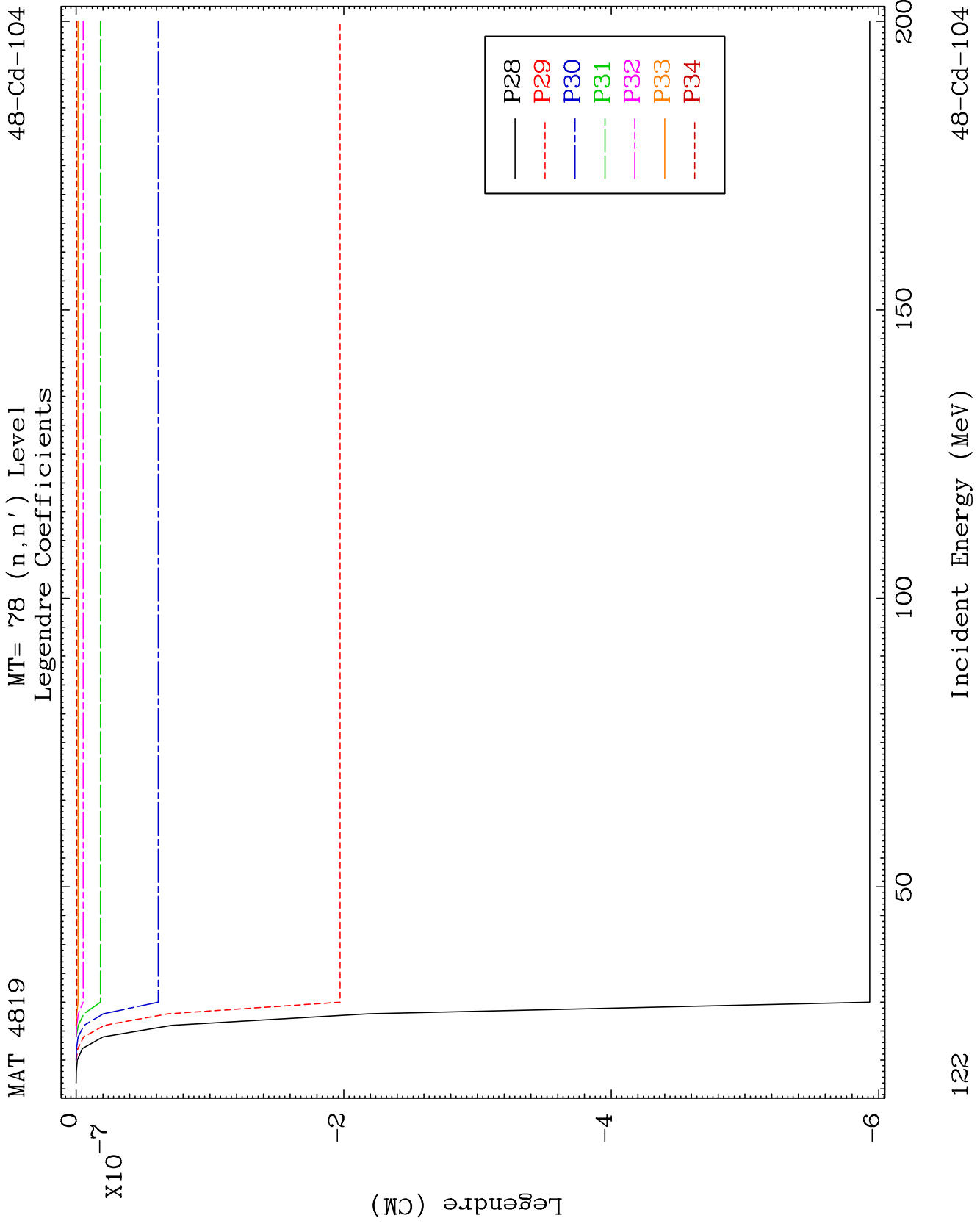


120

Incident Energy (MeV)

48-Cd-104

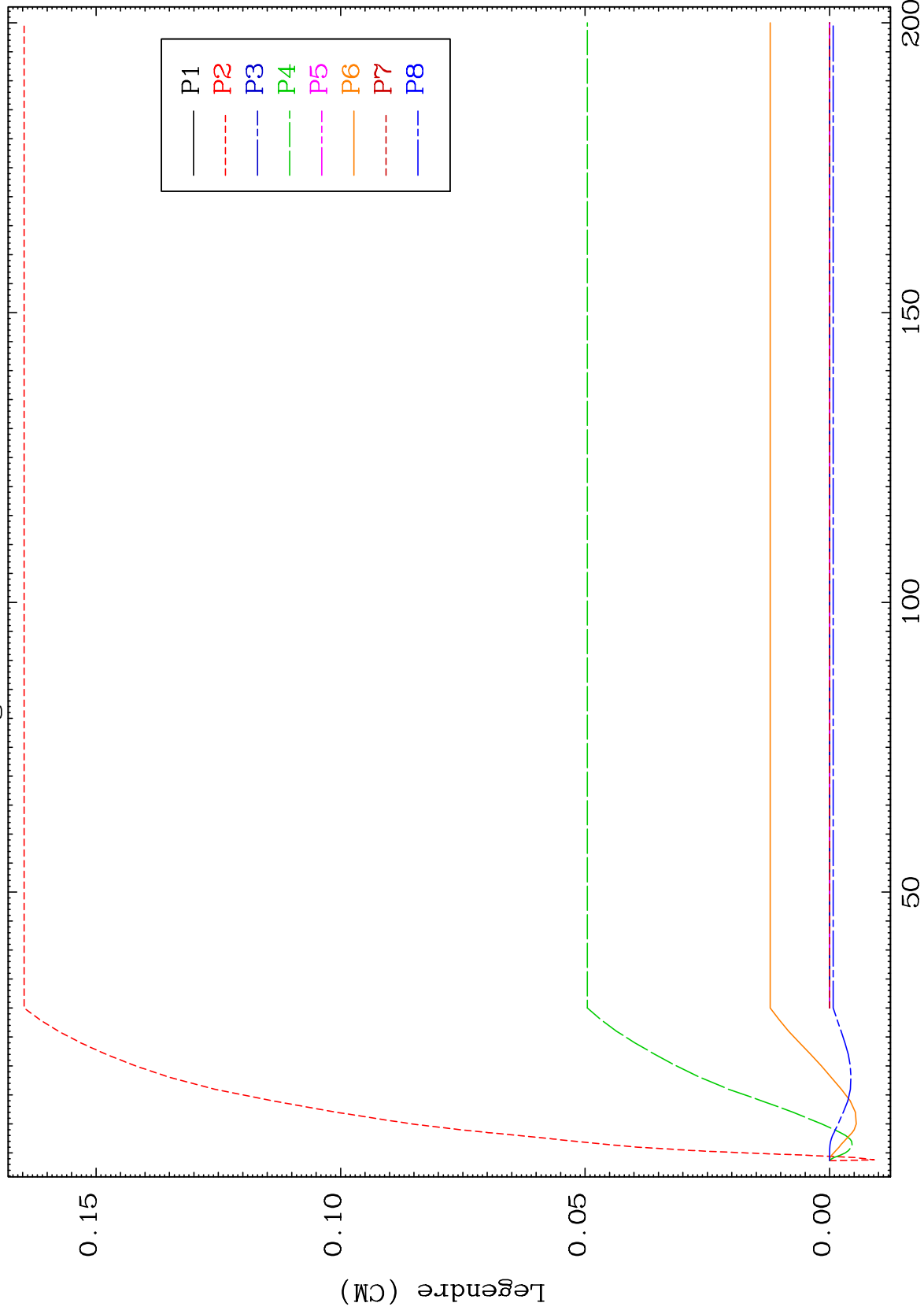




MAT 4819

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

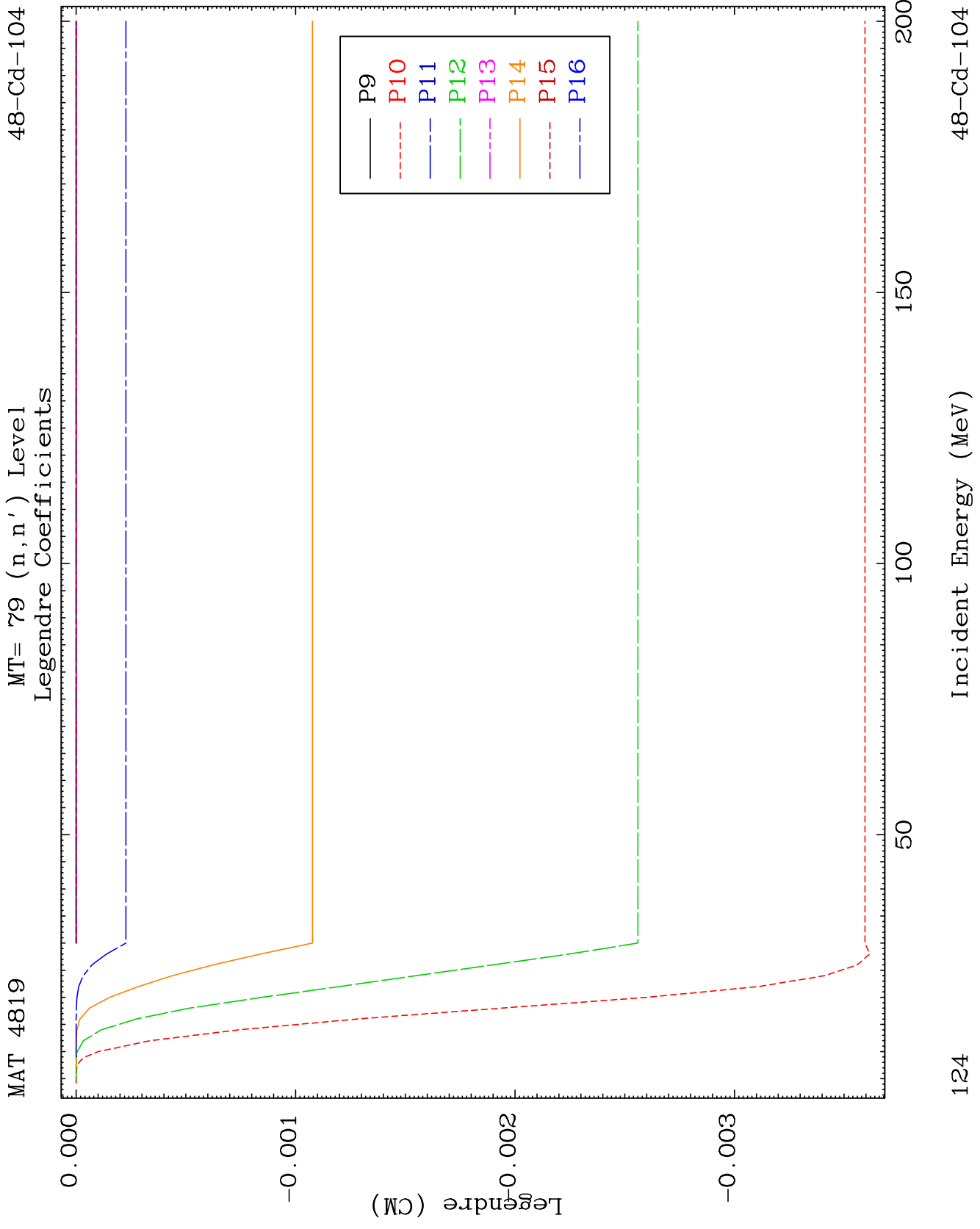
48-Cd-104

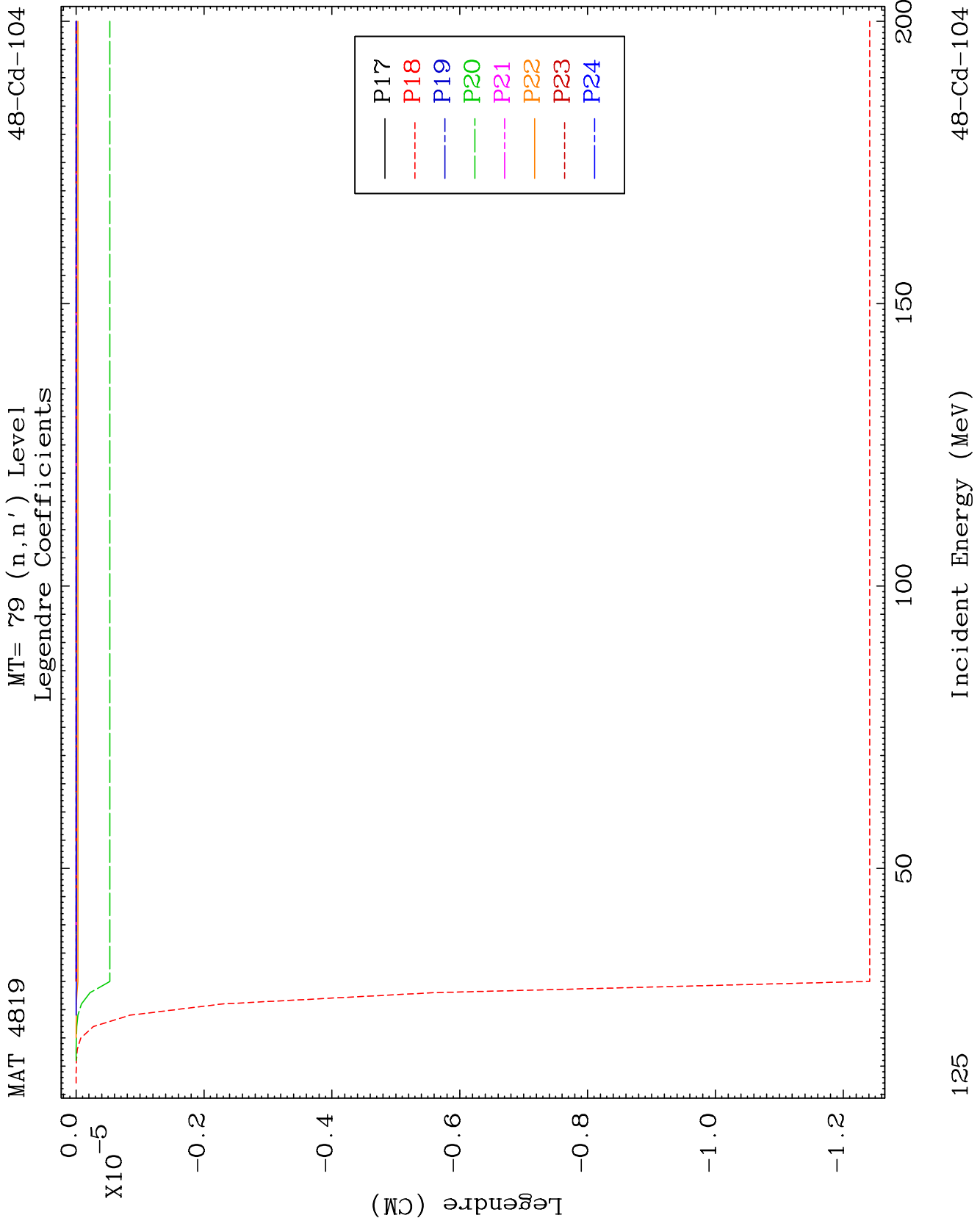


123

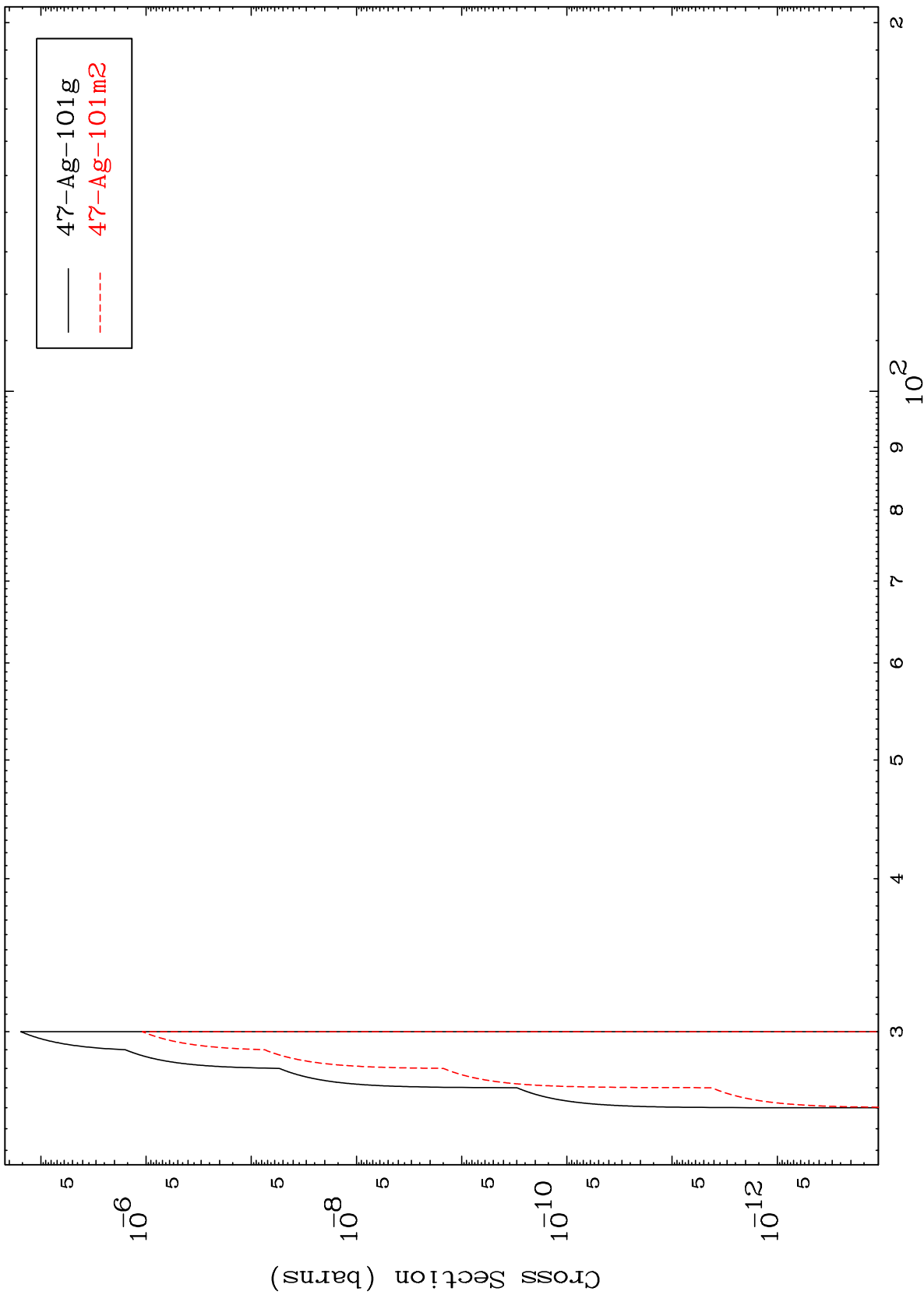
Incident Energy (MeV)

48-Cd-104





Radionuclide Production Cross Section

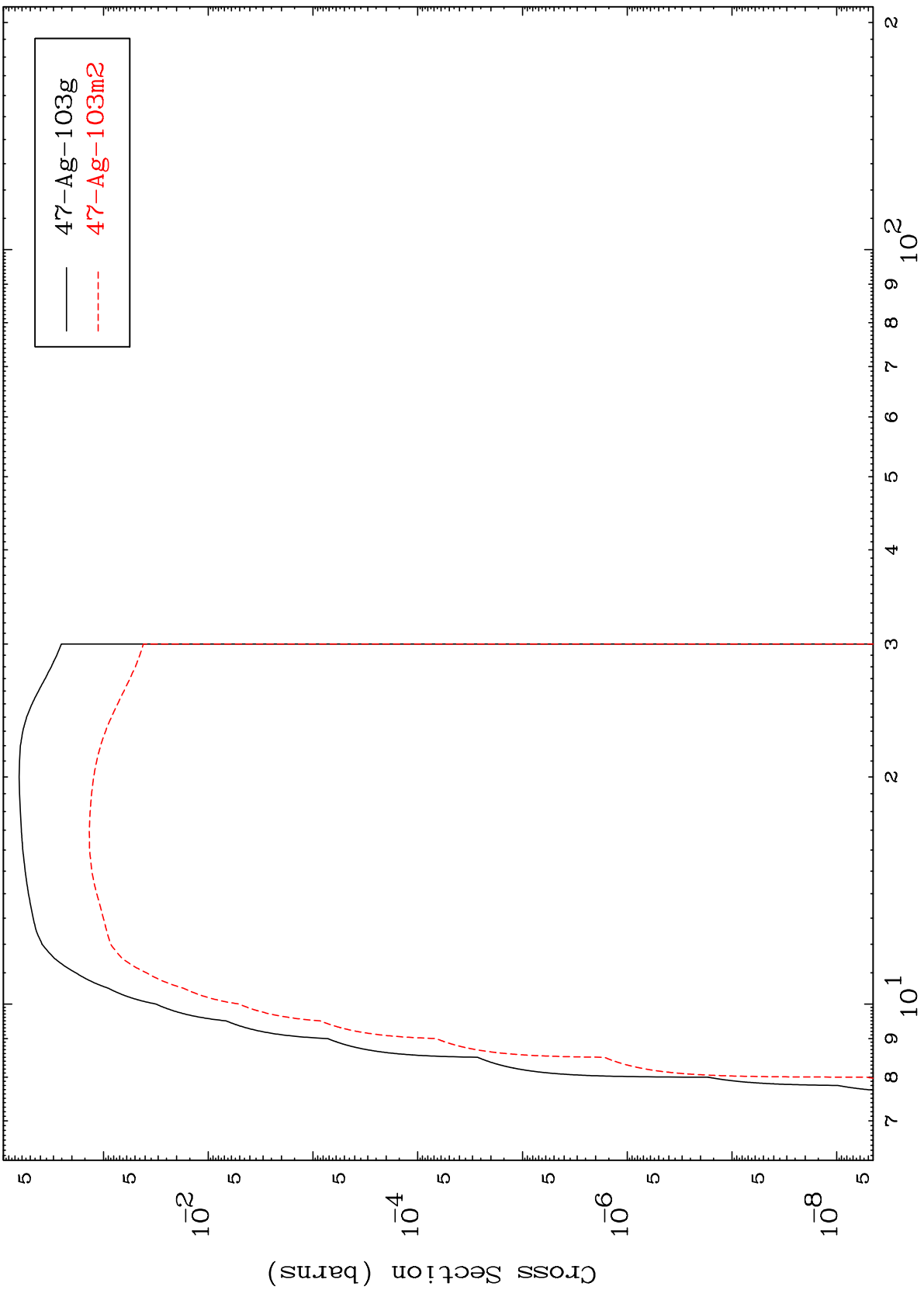


MAT 4819

(n,n') p

48-Cd-104

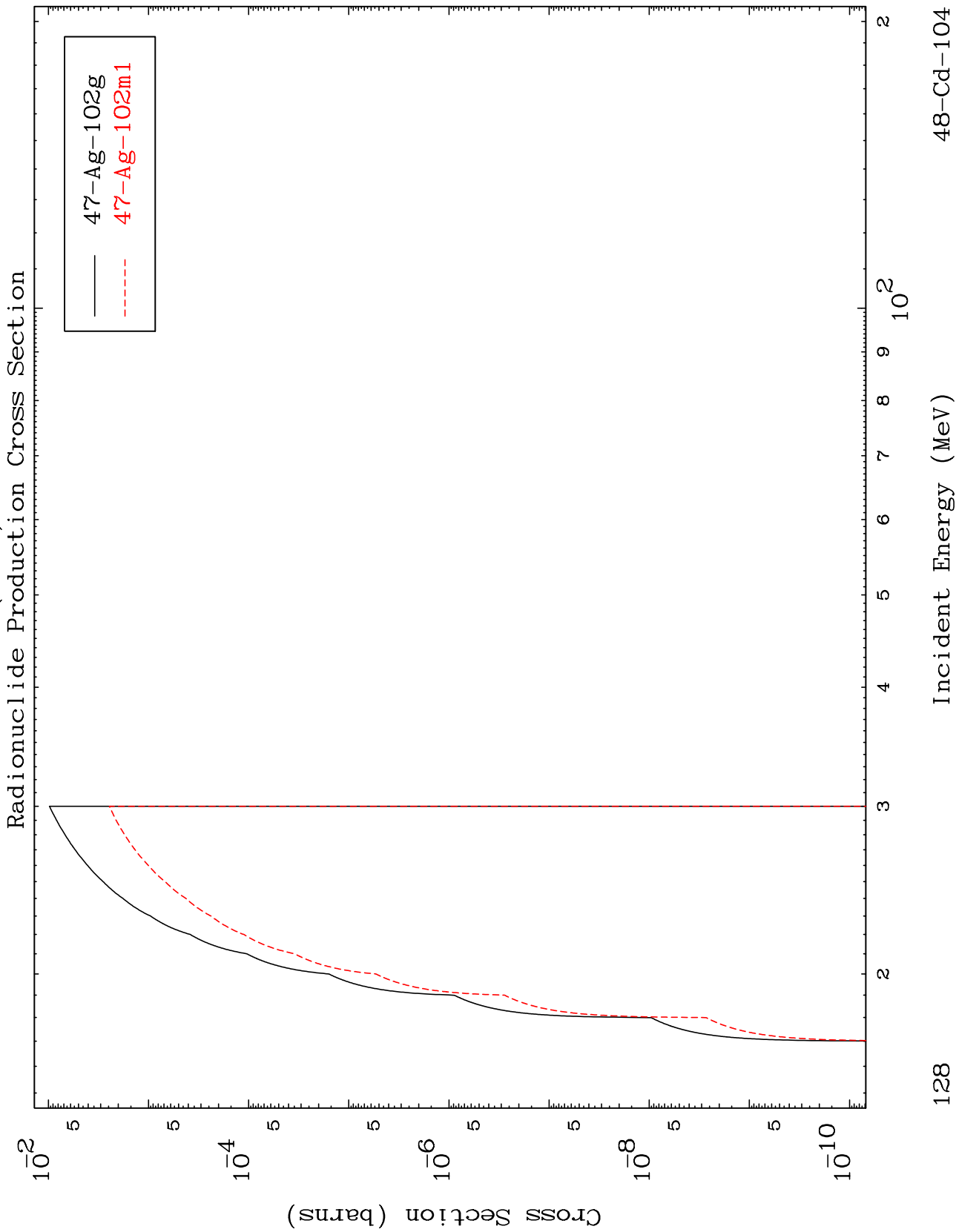
Radionuclide Production Cross Section



127

Incident Energy (MeV)

48-Cd-104

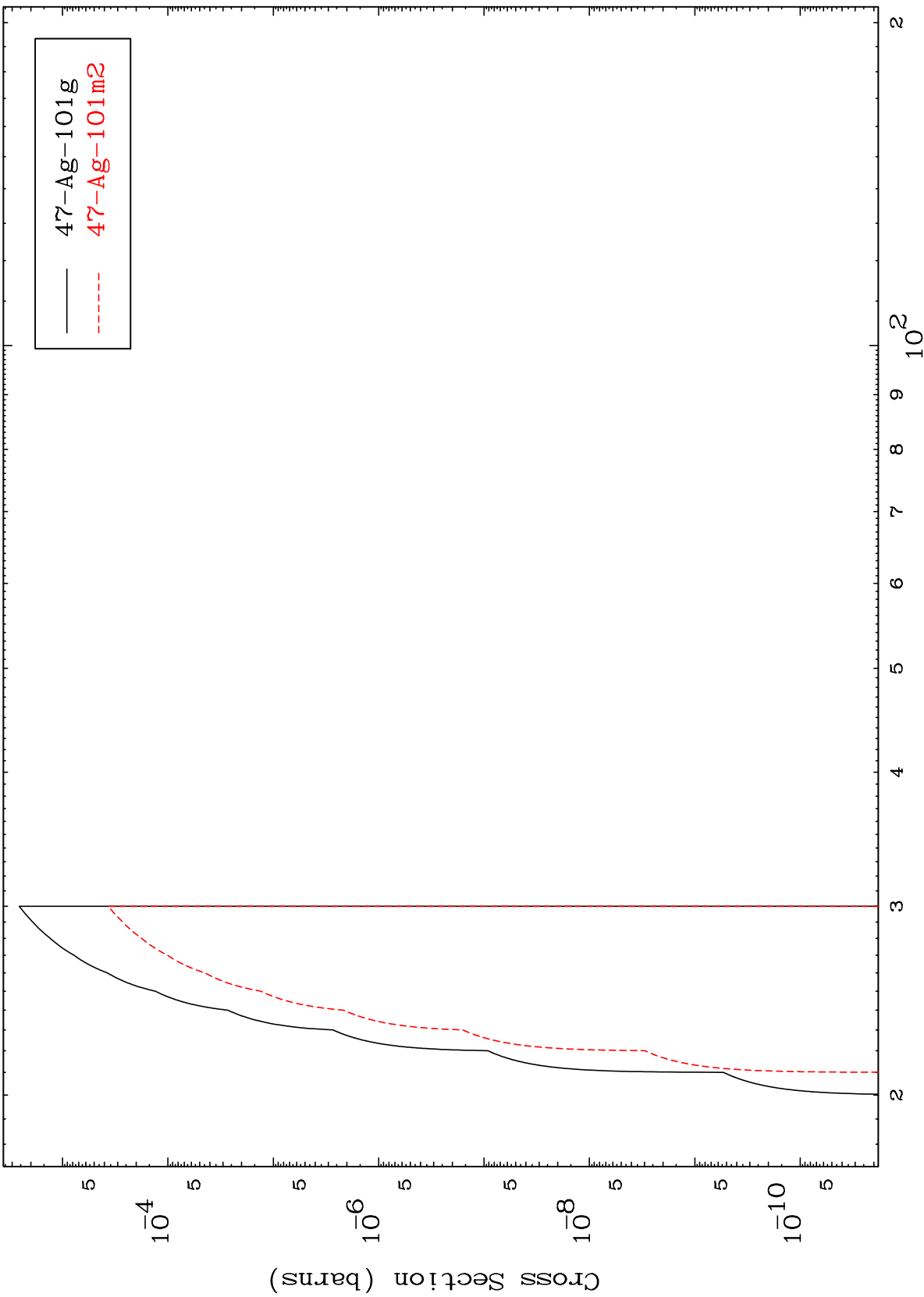


MAT 4819

(n,n') t

48-Cd-104

Radionuclide Production Cross Section



129

Incident Energy (MeV)

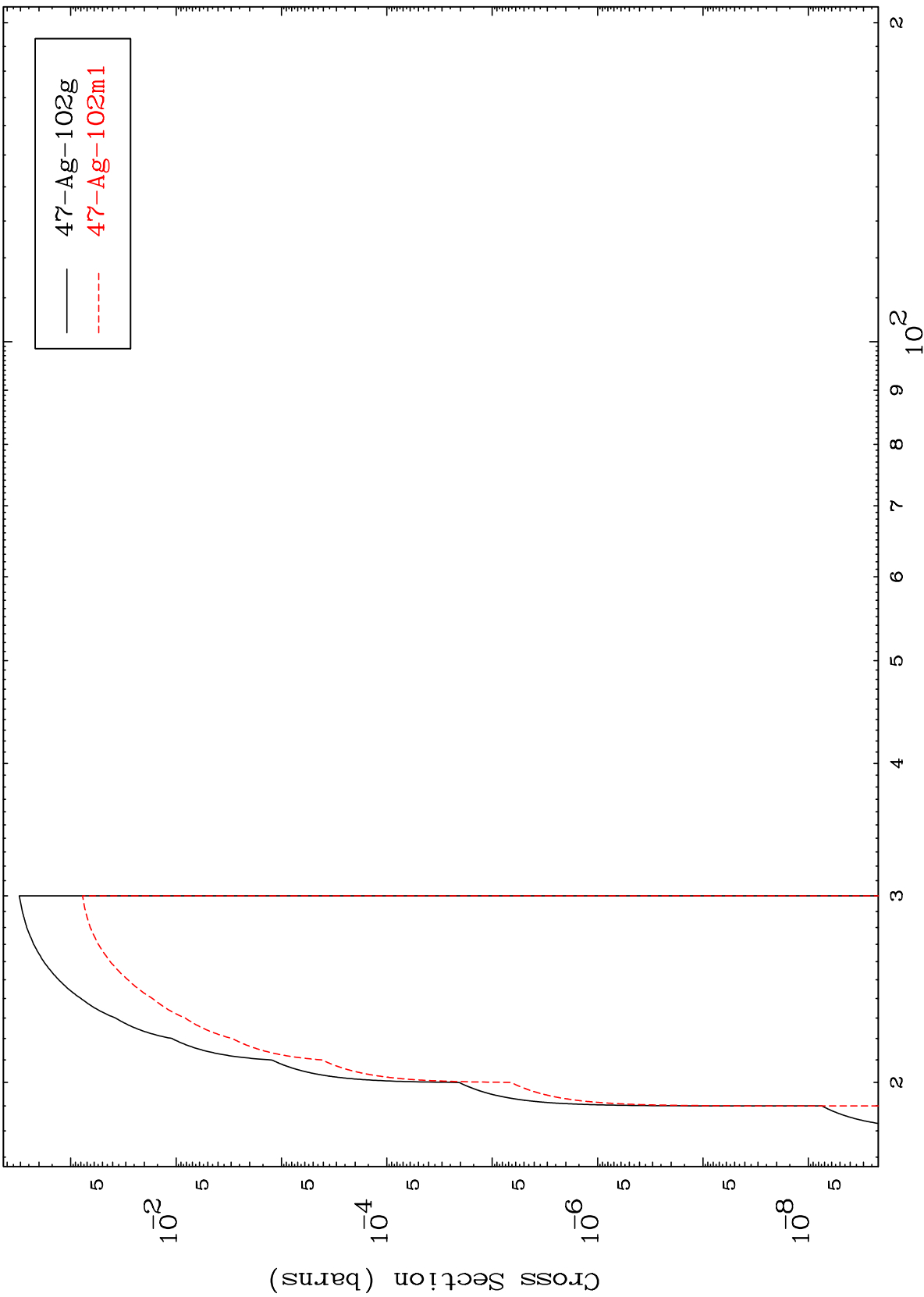
48-Cd-104

MAT 4819

(n,2n) p

48-Cd-104

Radionuclide Production Cross Section



47-Ag-102g
47-Ag-102m1

130

Incident Energy (MeV)

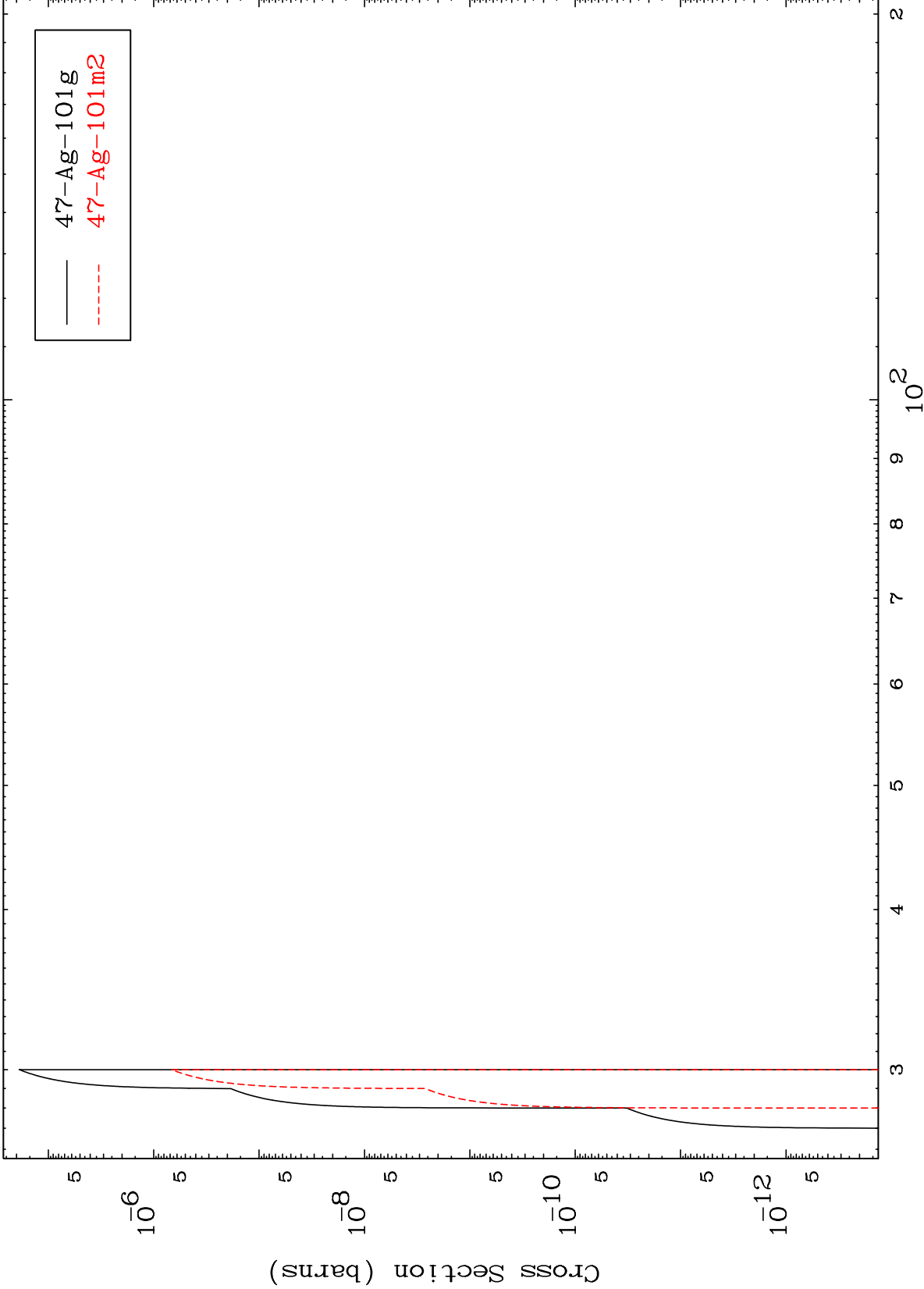
48-Cd-104

MAT 4819

(n,3n) p

48-Cd-104

Radionuclide Production Cross Section



47-Ag-101g
47-Ag-101m2

131

Incident Energy (MeV)

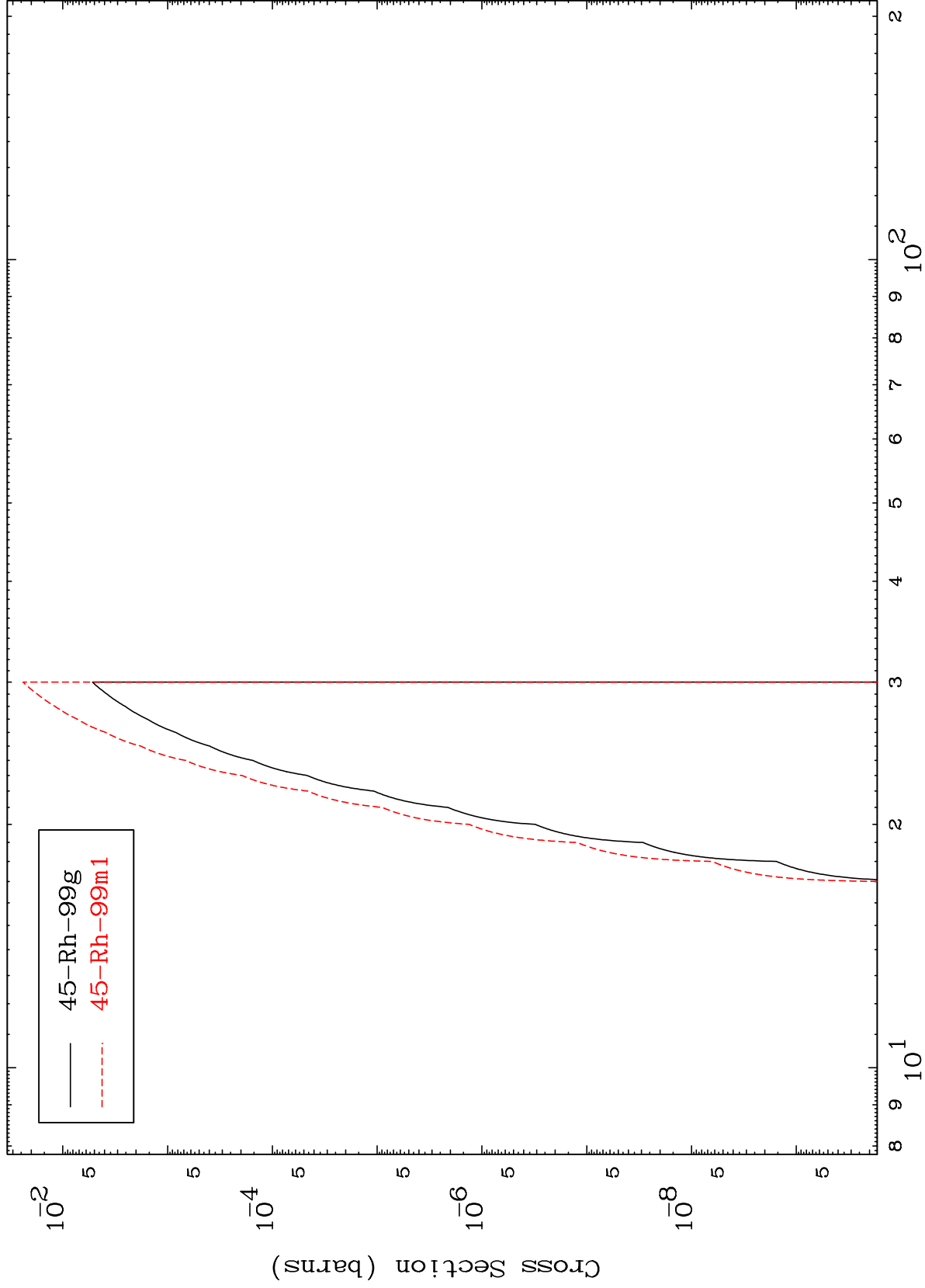
48-Cd-104

MAT 4819

(n,n') p α

48-Cd-104

Radionuclide Production Cross Section



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

Incident Energy (MeV)

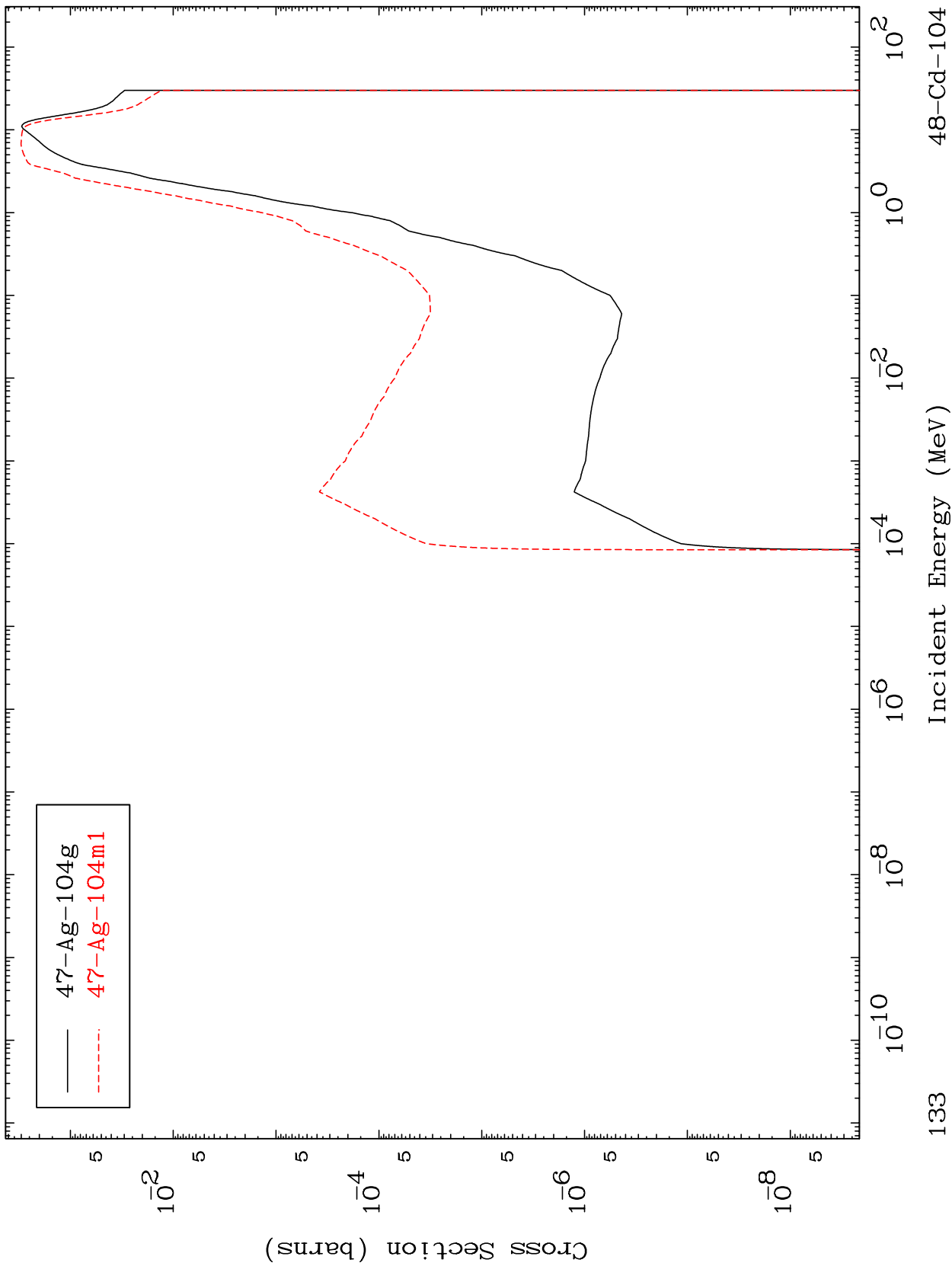
48-Cd-104

132

MAT 4819

48-Cd-104

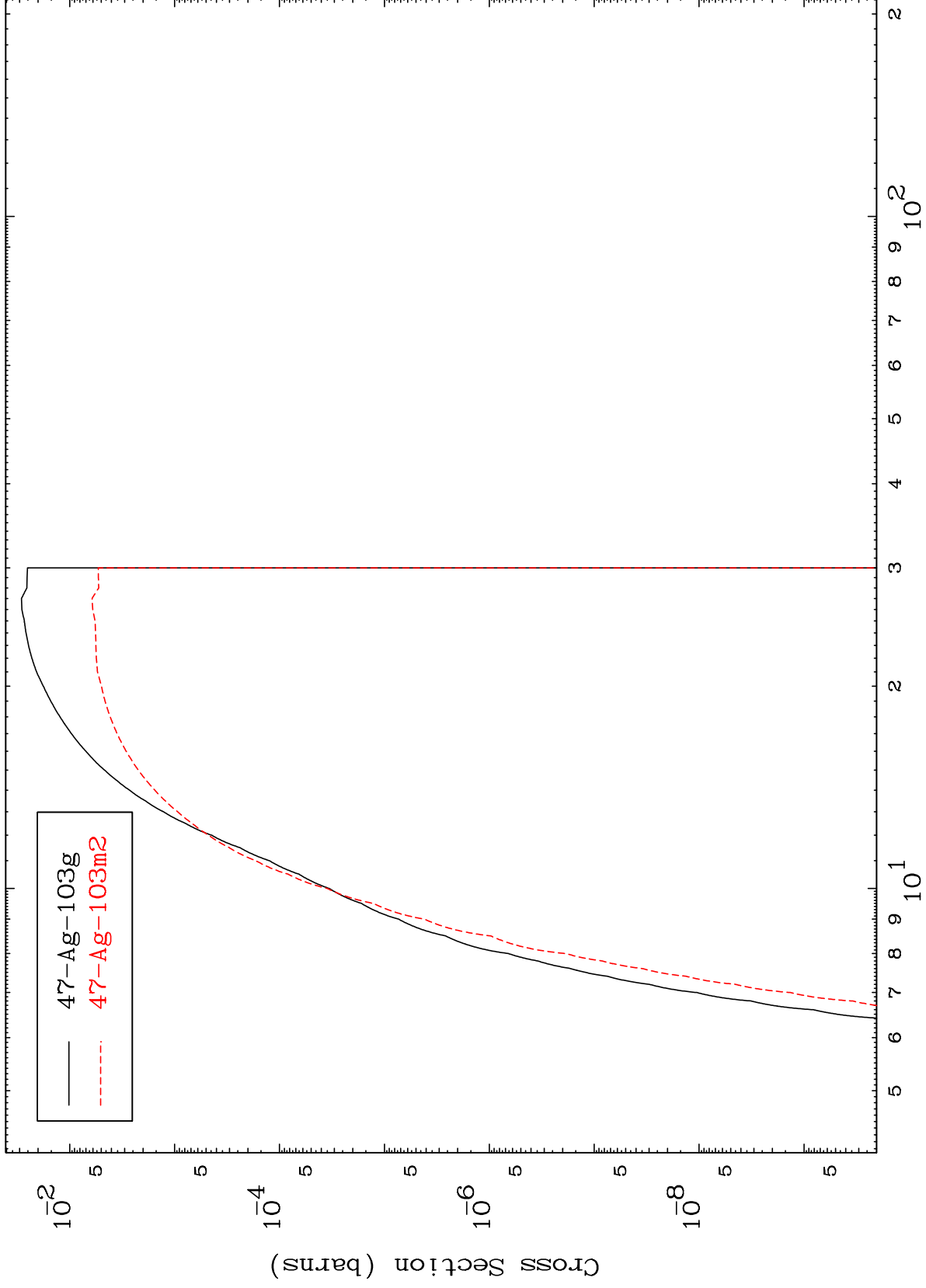
(n,p)
Radionuclide Production Cross Section



MAT 4819

48-Cd-104

(n,d)
Radionuclide Production Cross Section



134

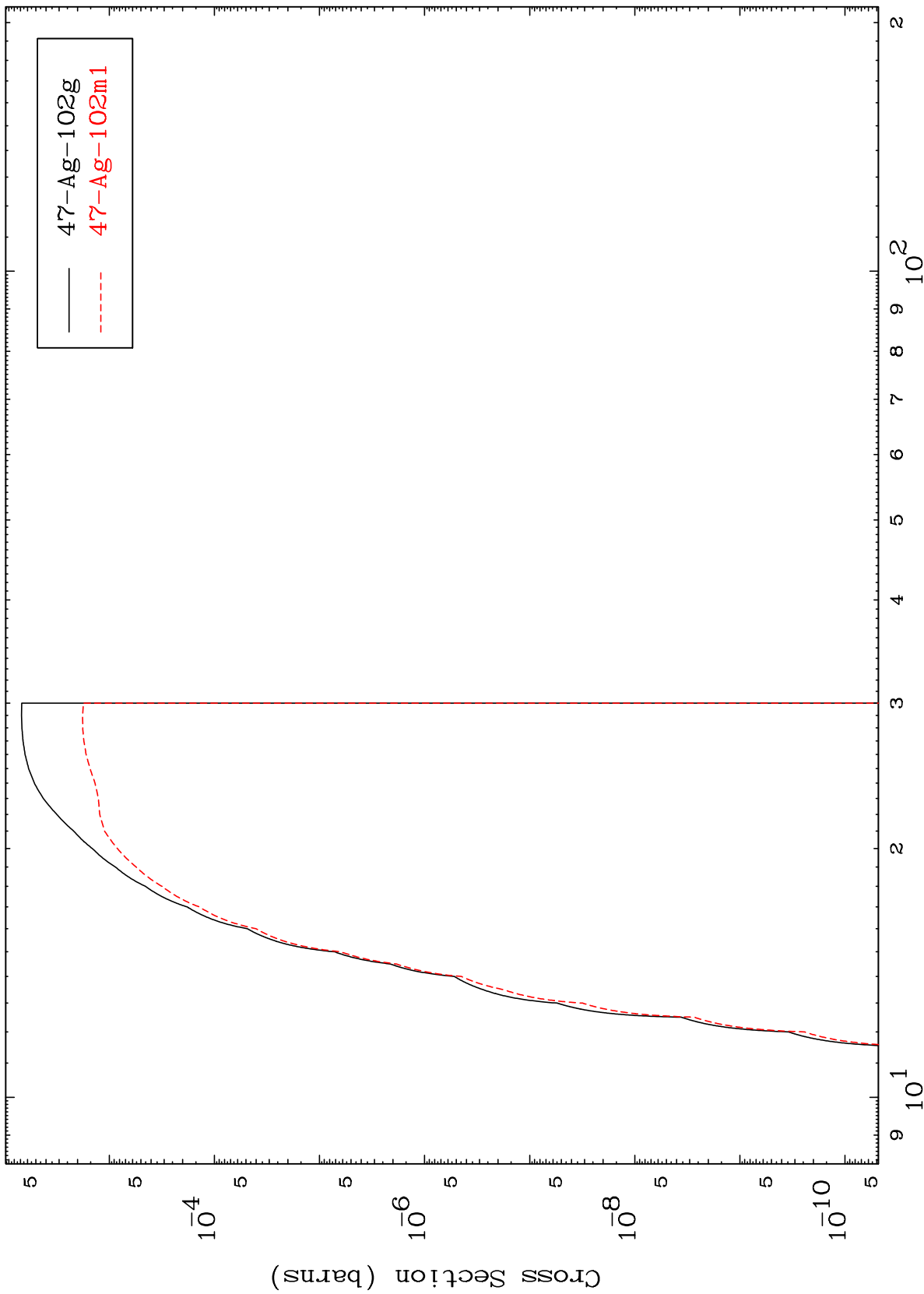
Incident Energy (MeV)

48-Cd-104

MAT 4819

48-Cd-104

(n,t)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

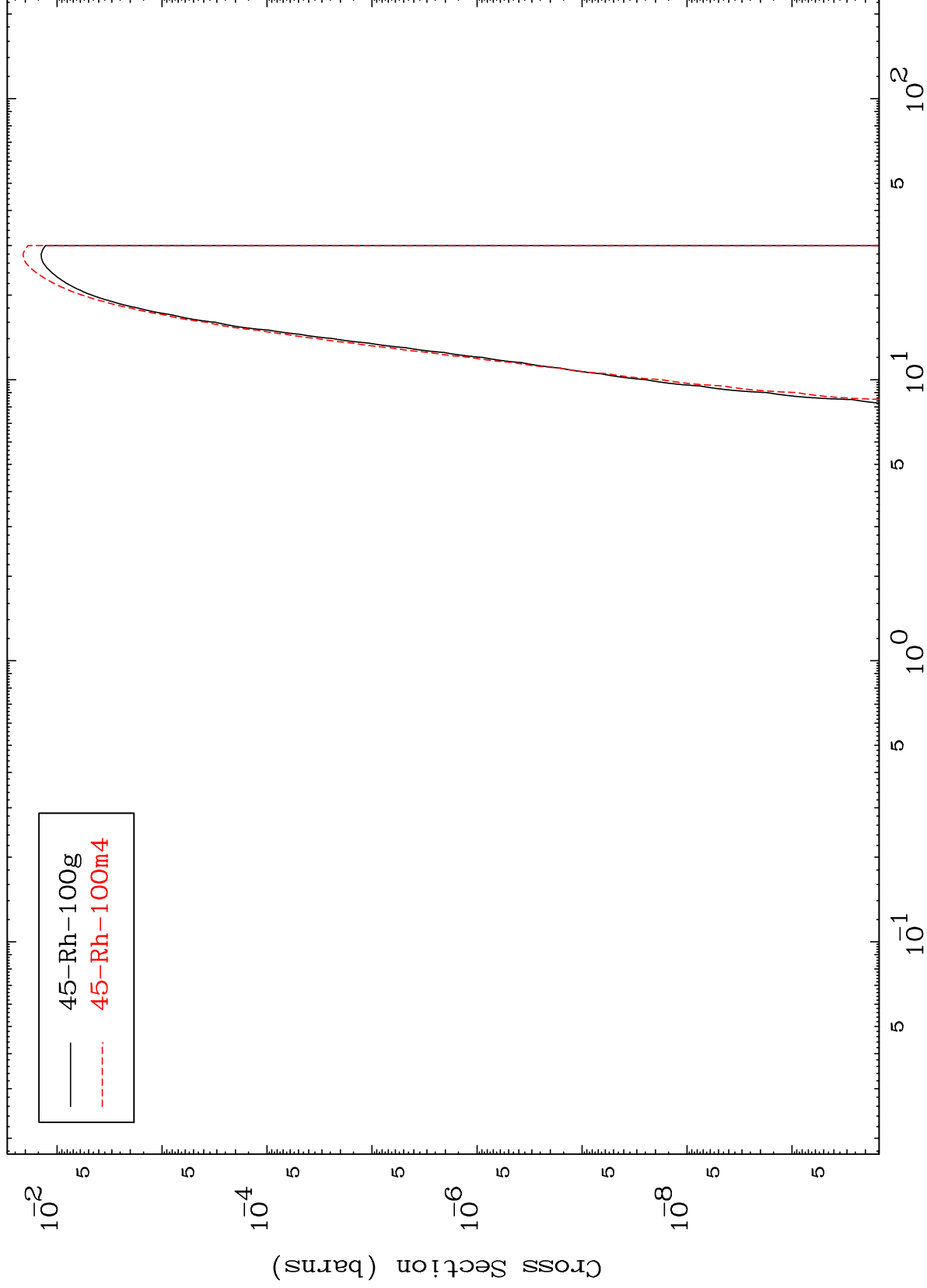
48-Cd-104

MAT 4819

(n,p) α

48-Cd-104

Radionuclide Production Cross Section



136

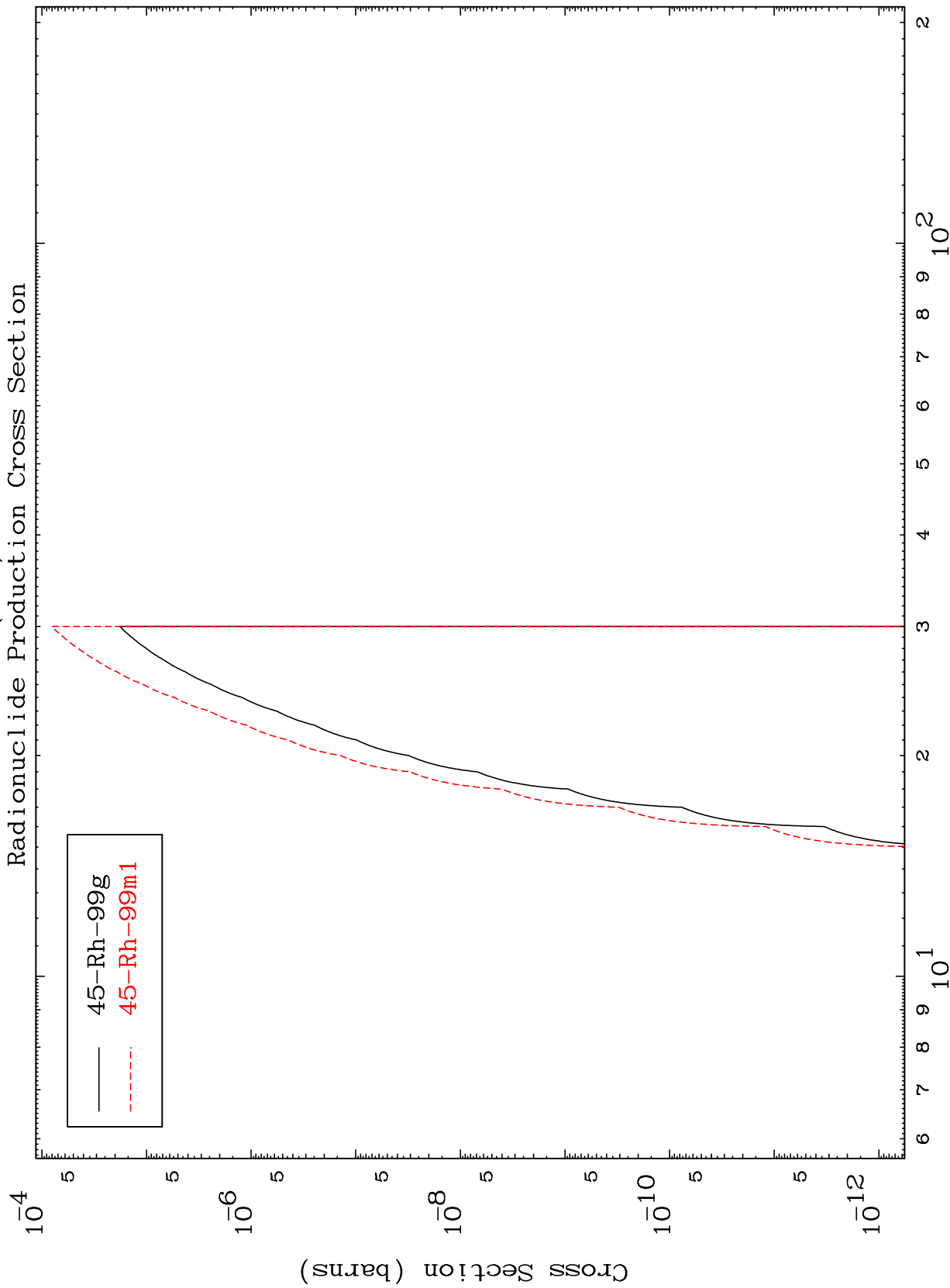
Incident Energy (MeV)

48-Cd-104

MAT 4819

(n,d) α

48-Cd-104



137

Incident Energy (MeV)

48-Cd-104