

Program EVALPLOT
(Version 2021-1)

by

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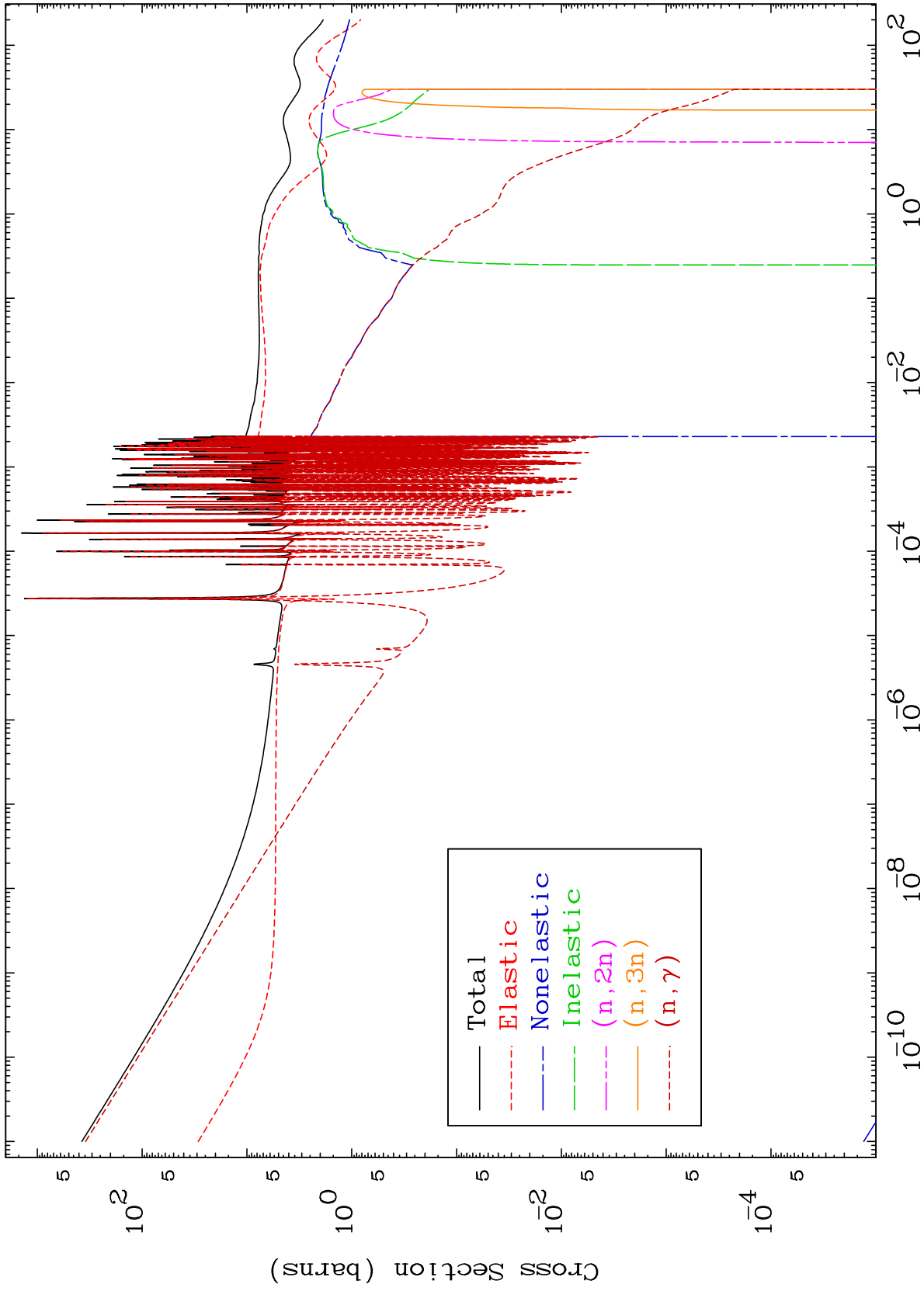
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4840

Neutron Major
293 Kelvin Cross Sections

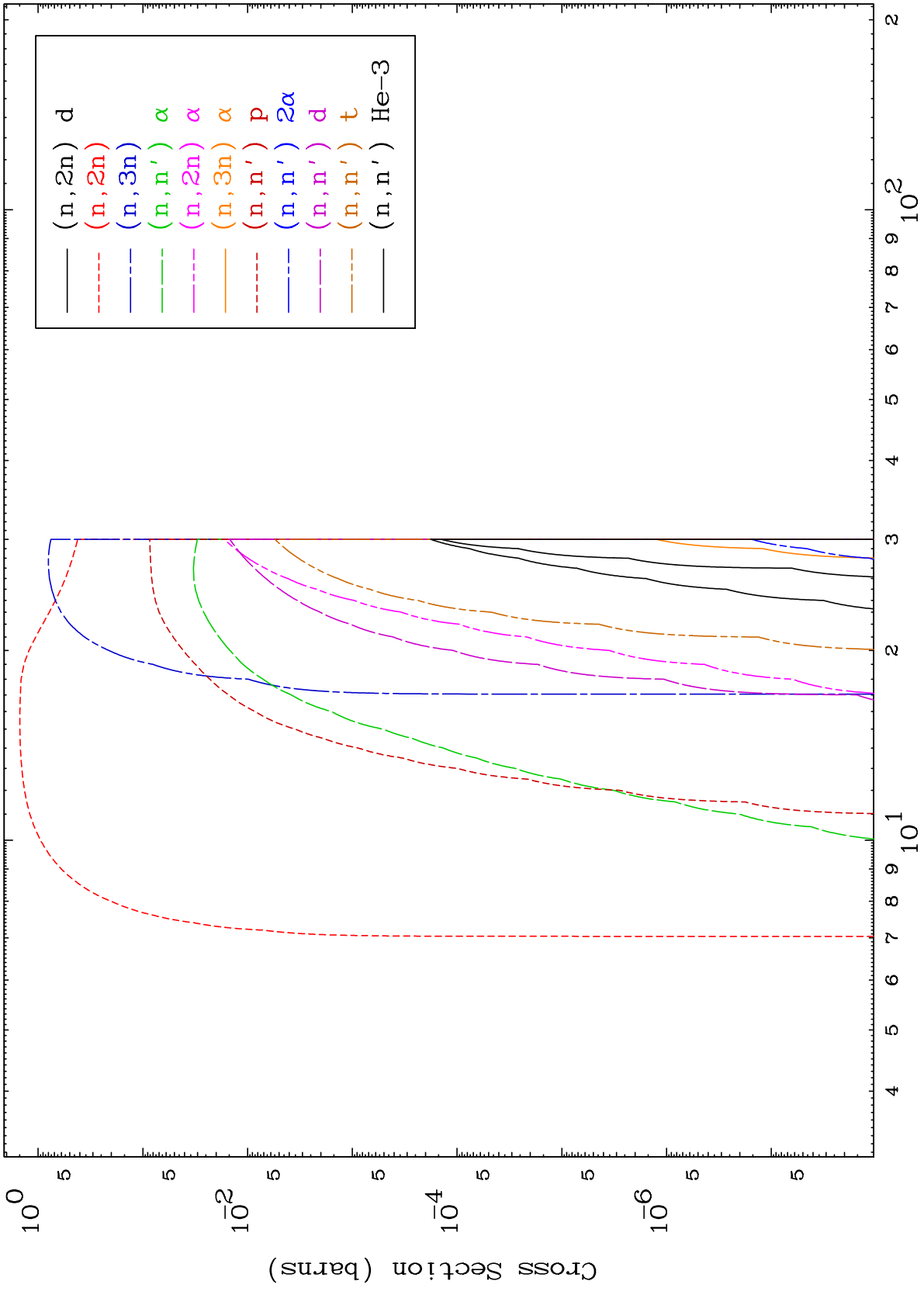
48-Cd-111



MAT 4840

Neutron Absorption
293 Kelvin Cross Sections

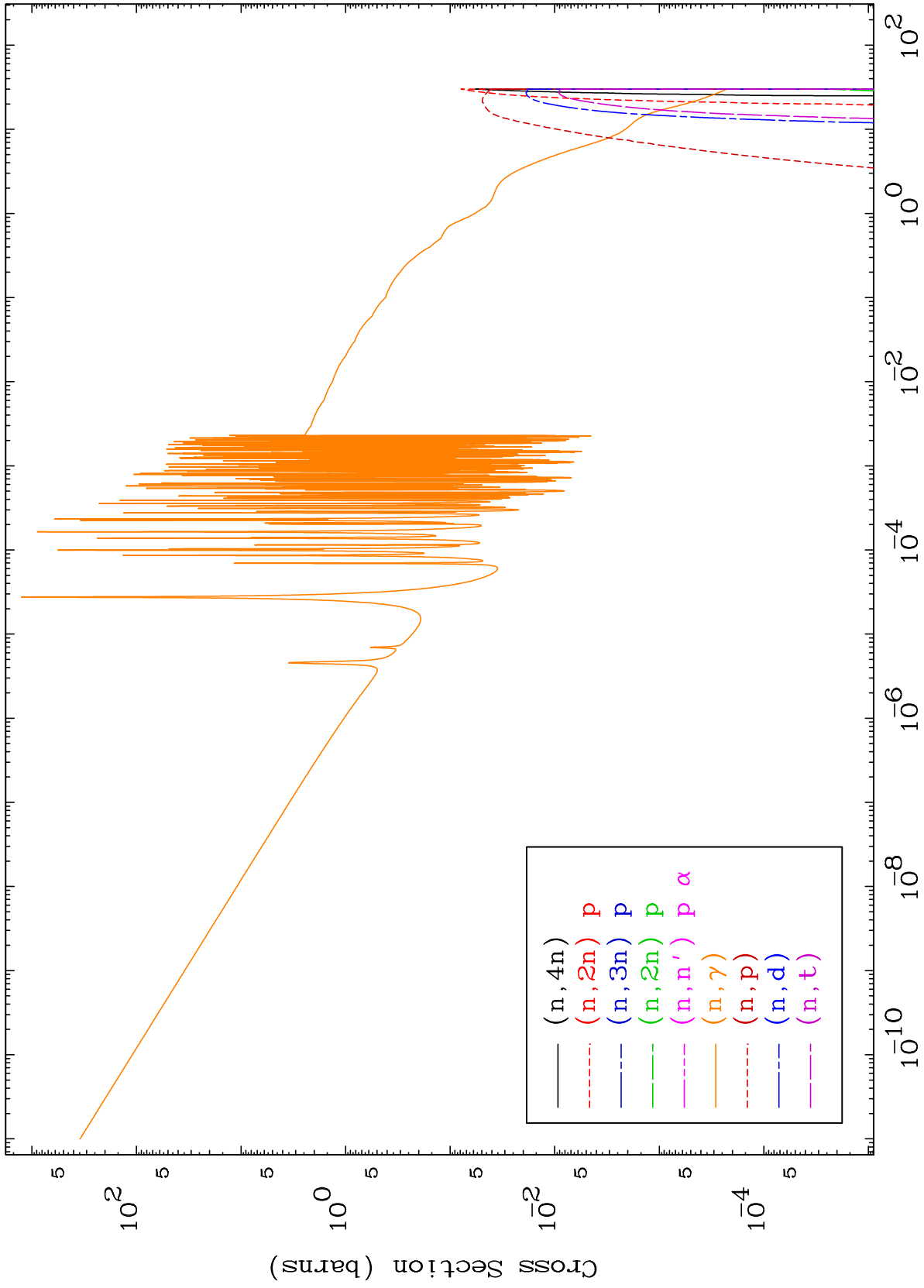
48-Cd-111



MAT 4840

Neutron Absorption
293 Kelvin Cross Sections

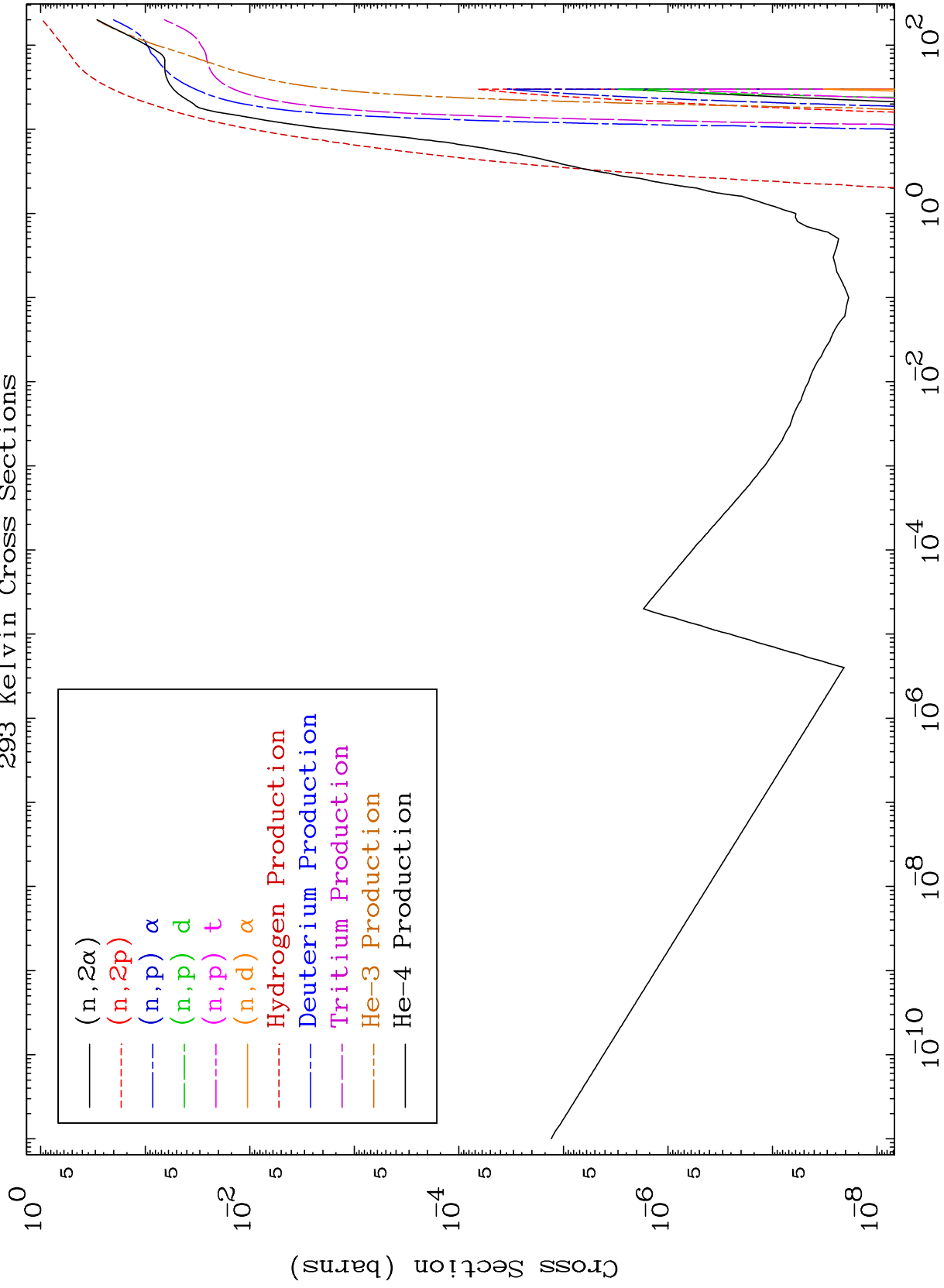
48-Cd-111



MAT 4840

Neutron Absorption
293 Kelvin Cross Sections

48-Cd-111

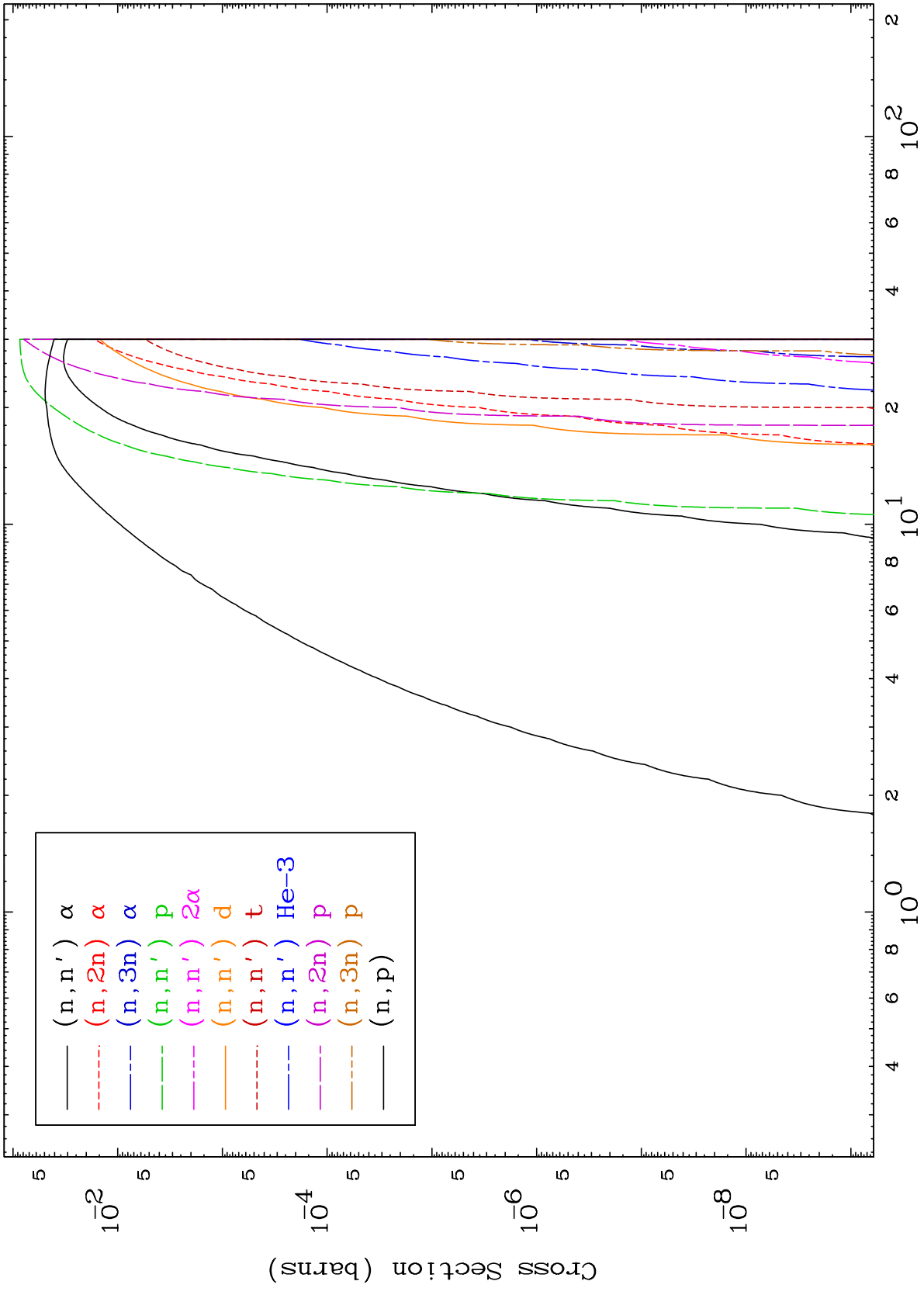


MAT 4840

Charged Particle

48-Cd-111

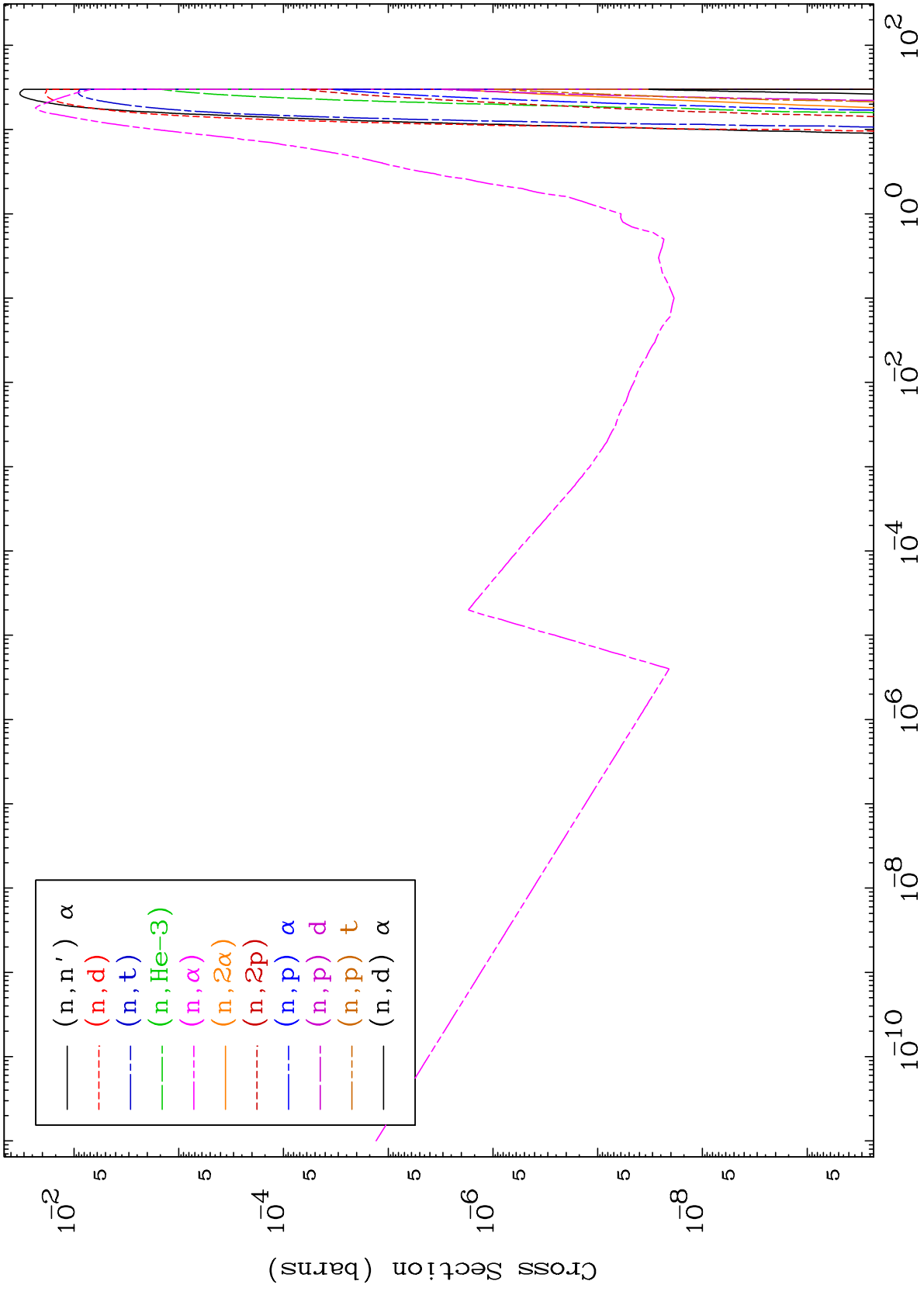
293 Kelvin Cross Sections



MAT 4840

Charged Particle
293 Kelvin Cross Sections

48-Cd-111

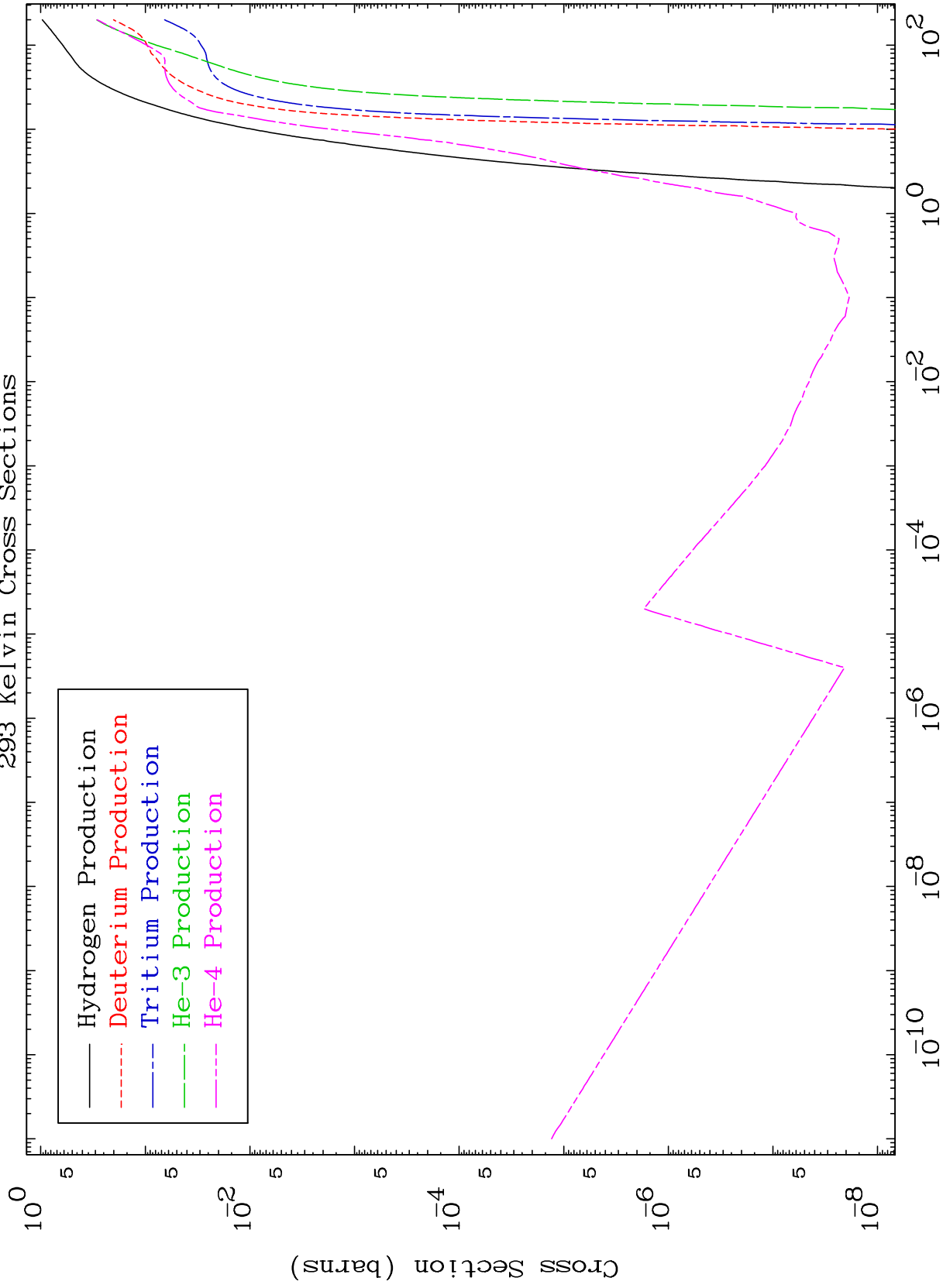


48-Cd-111

MAT 4840

Particle Production
293 Kelvin Cross Sections

48-Cd-111



7

Incident Energy (MeV)

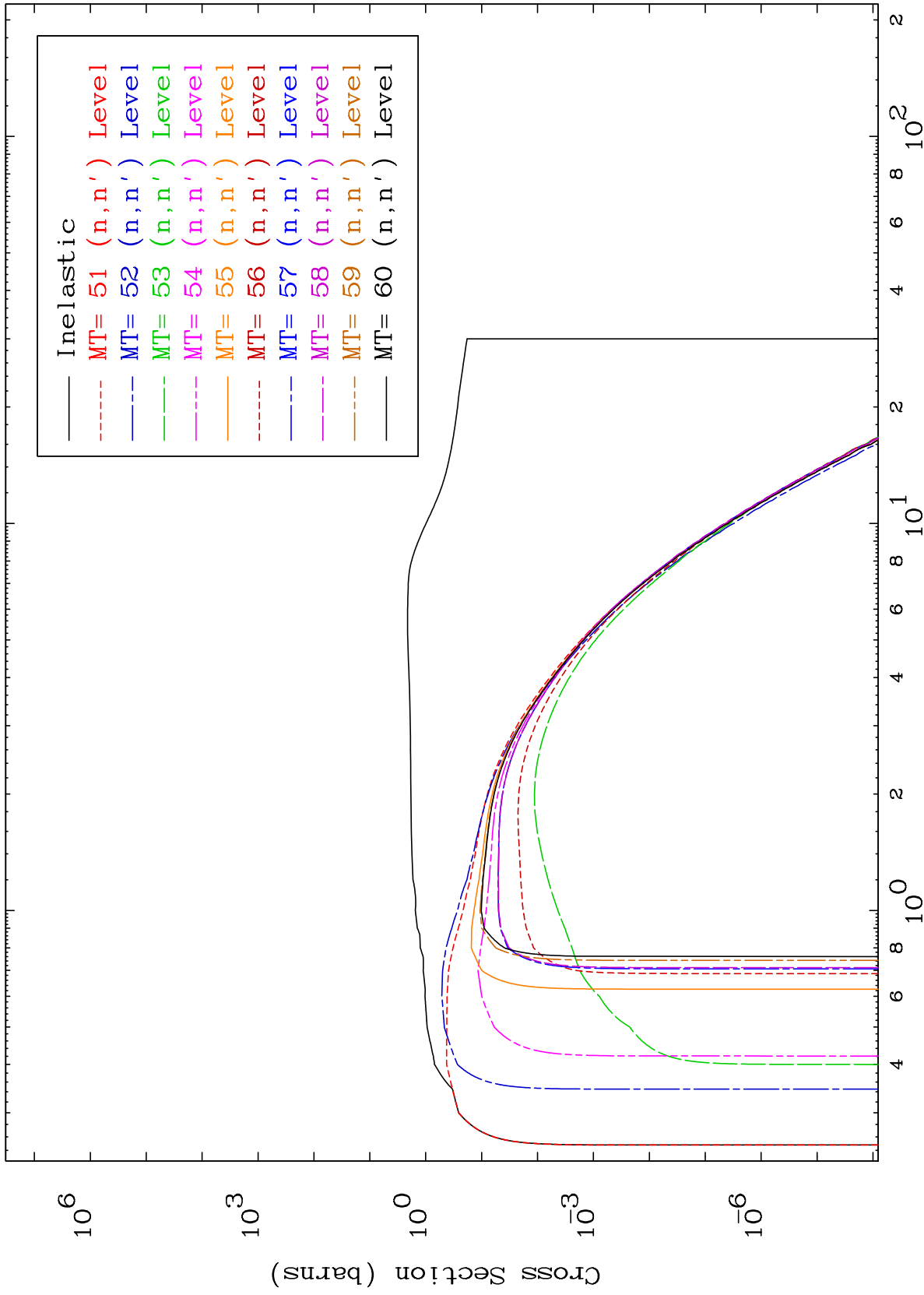
48-Cd-111

MAT 4840

(n,n') Levels

48-Cd-111

293 Kelvin Cross Sections



8

Incident Energy (MeV)

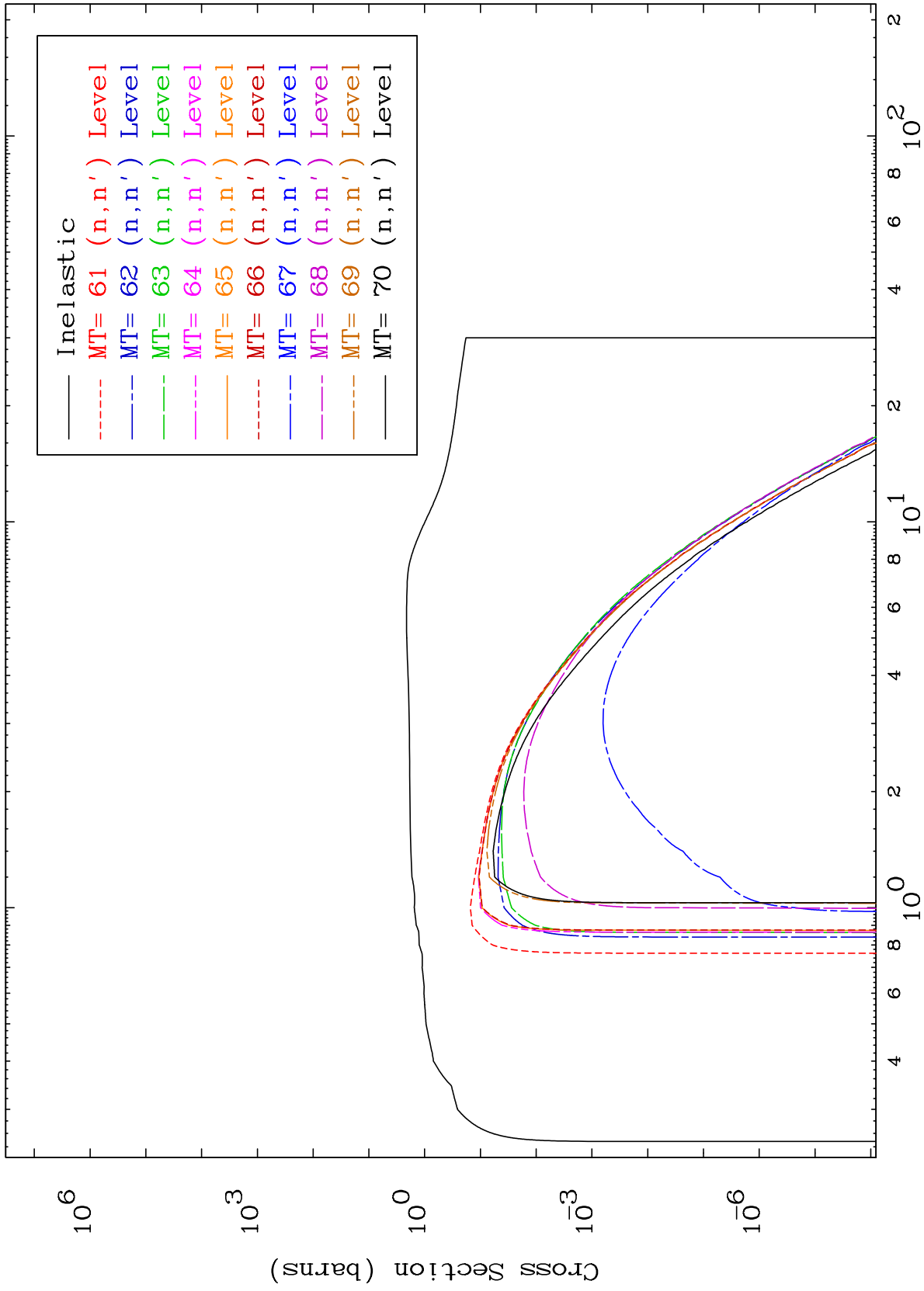
48-Cd-111

MAT 4840

(n,n') Levels

48-Cd-111

293 Kelvin Cross Sections

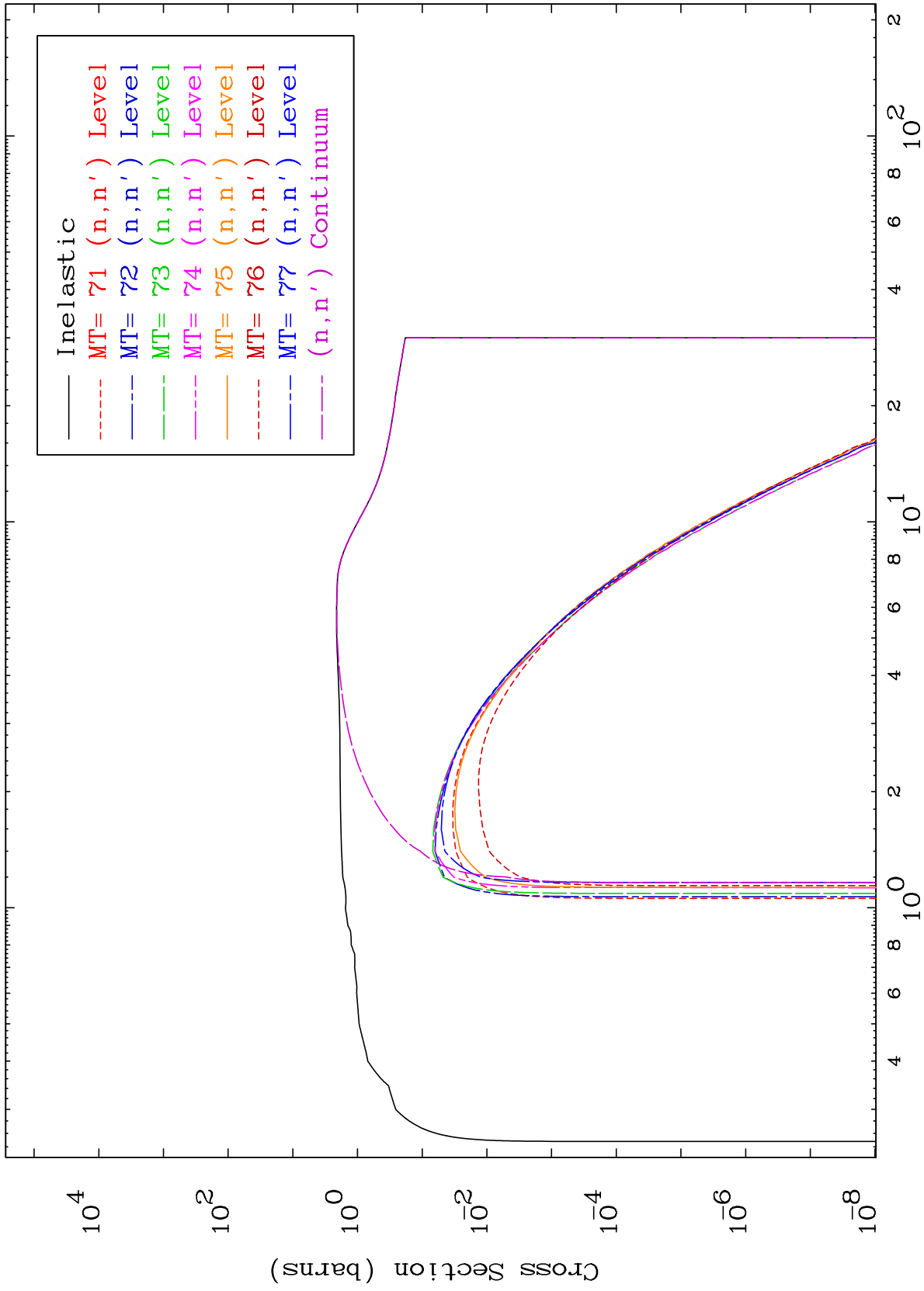


MAT 4840

(n,n') Levels

48-Cd-111

293 Kelvin Cross Sections



10

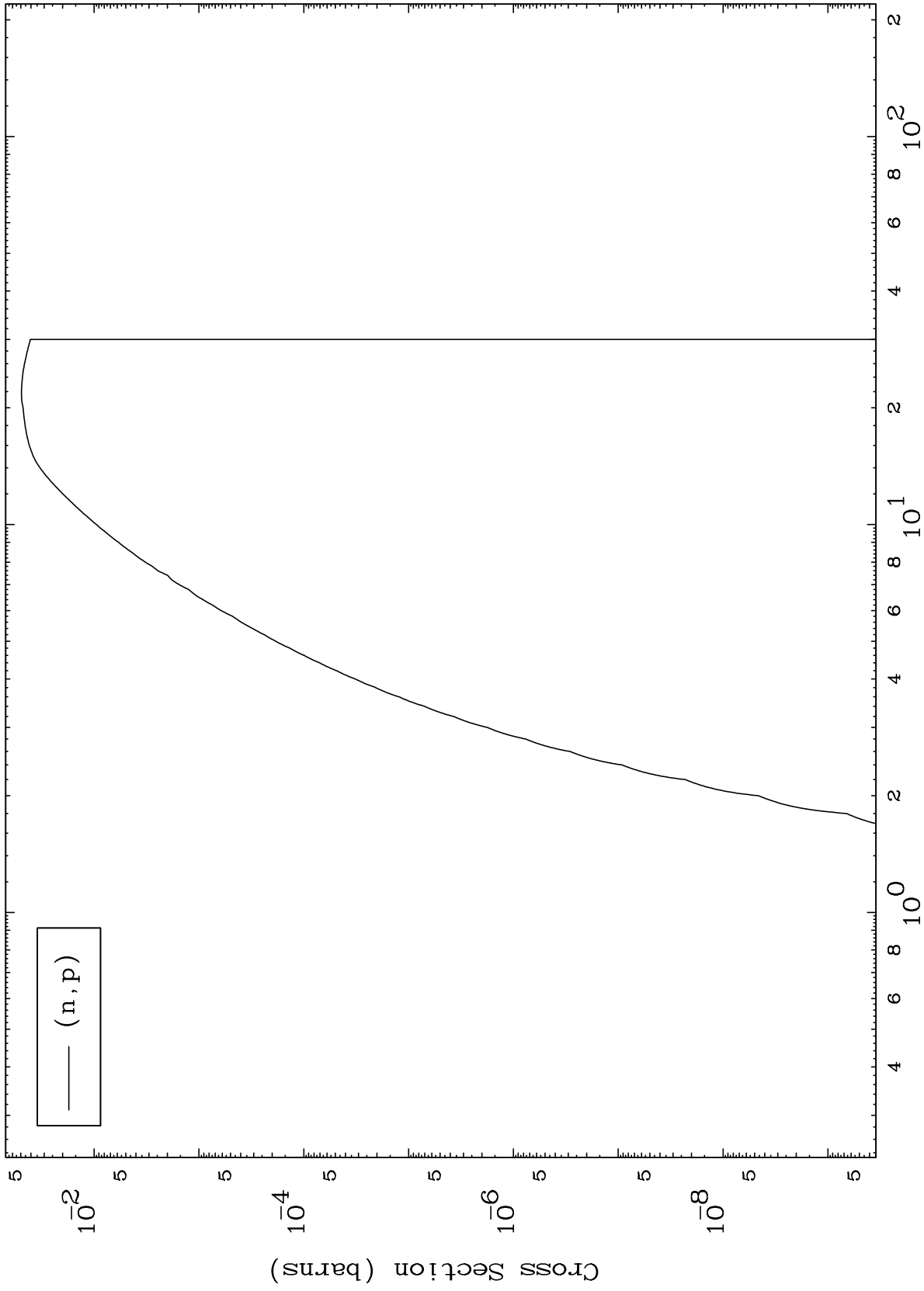
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-111

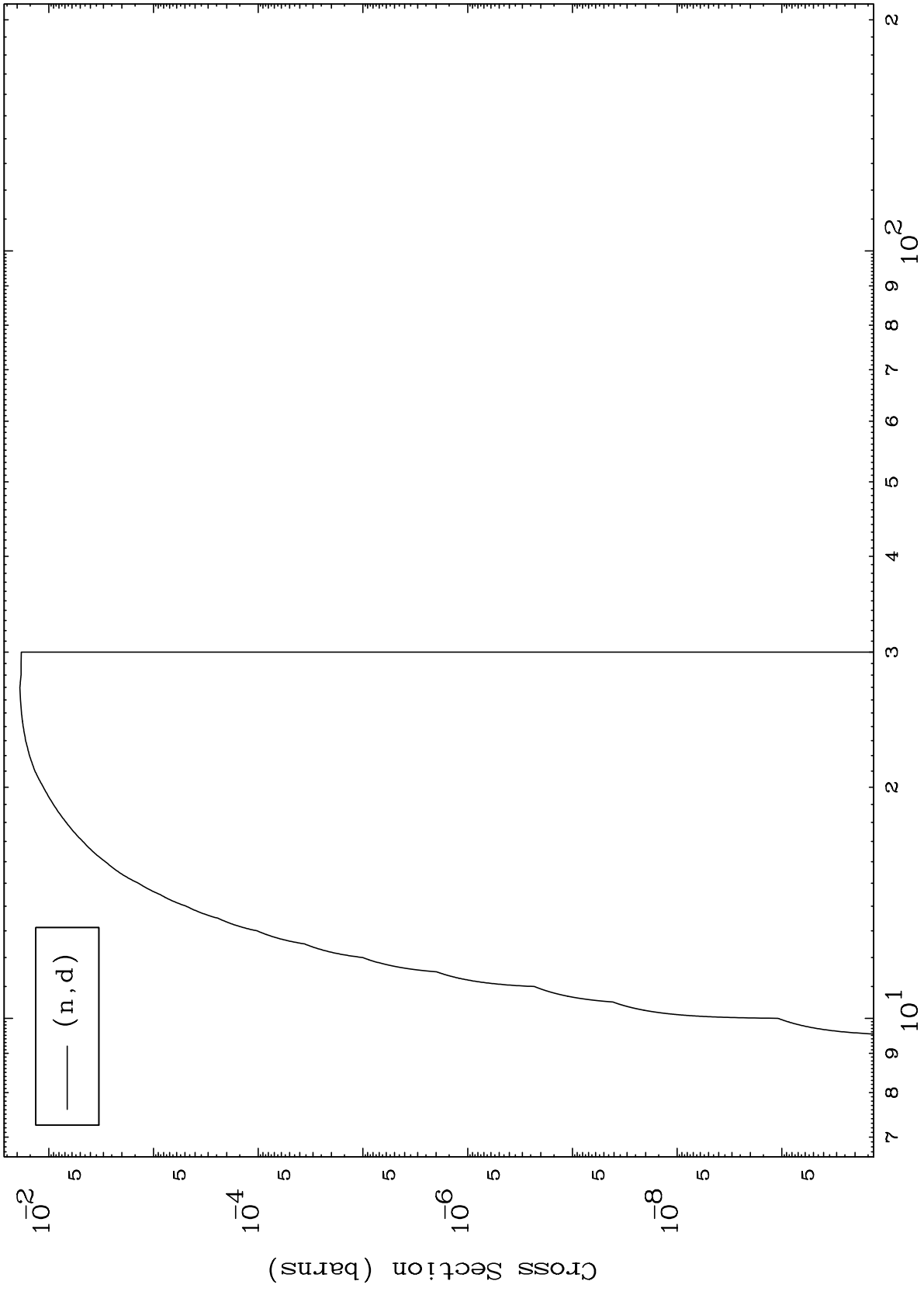


(n,p)

MAT 4840

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-111



12

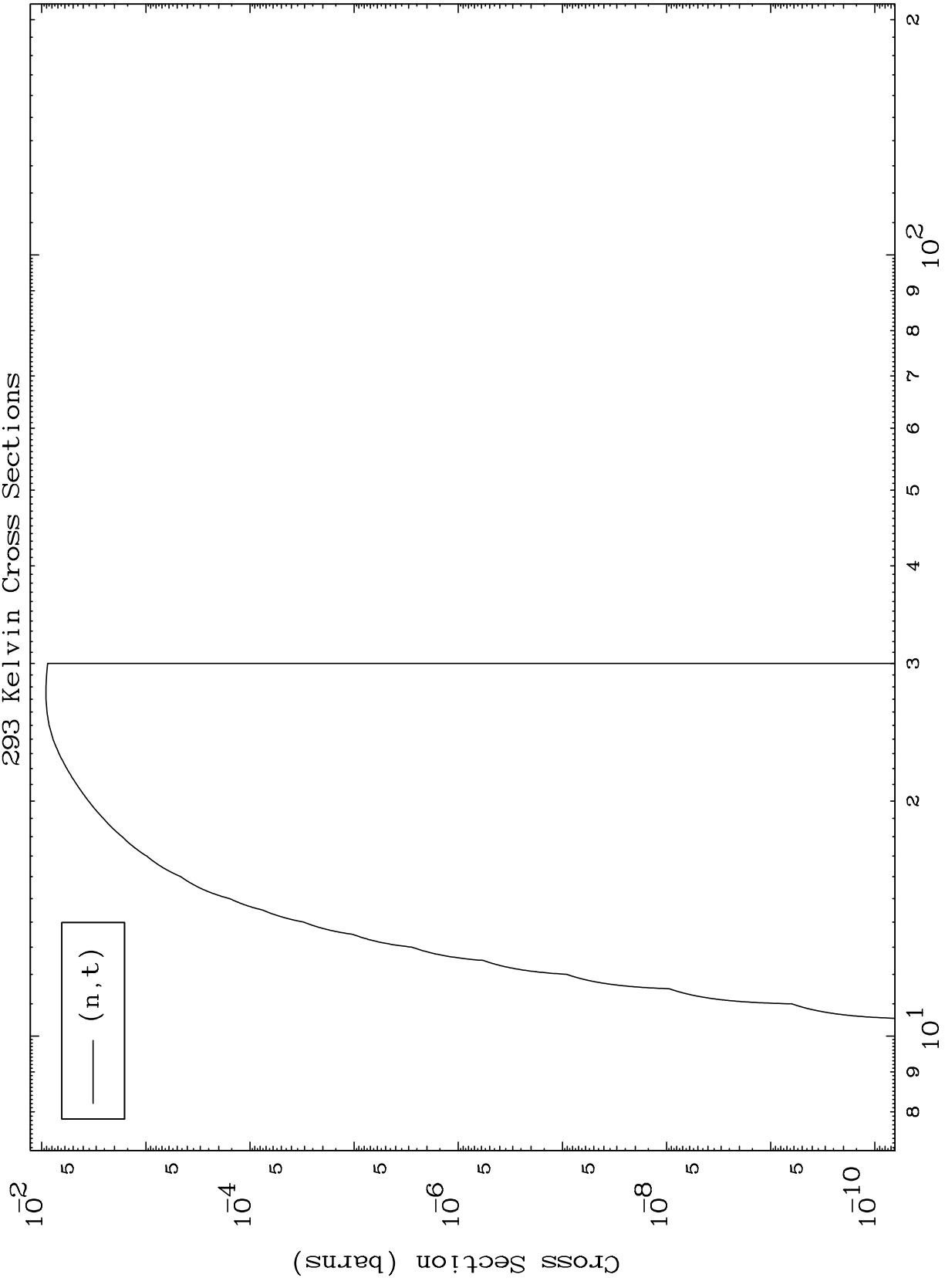
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-111



13

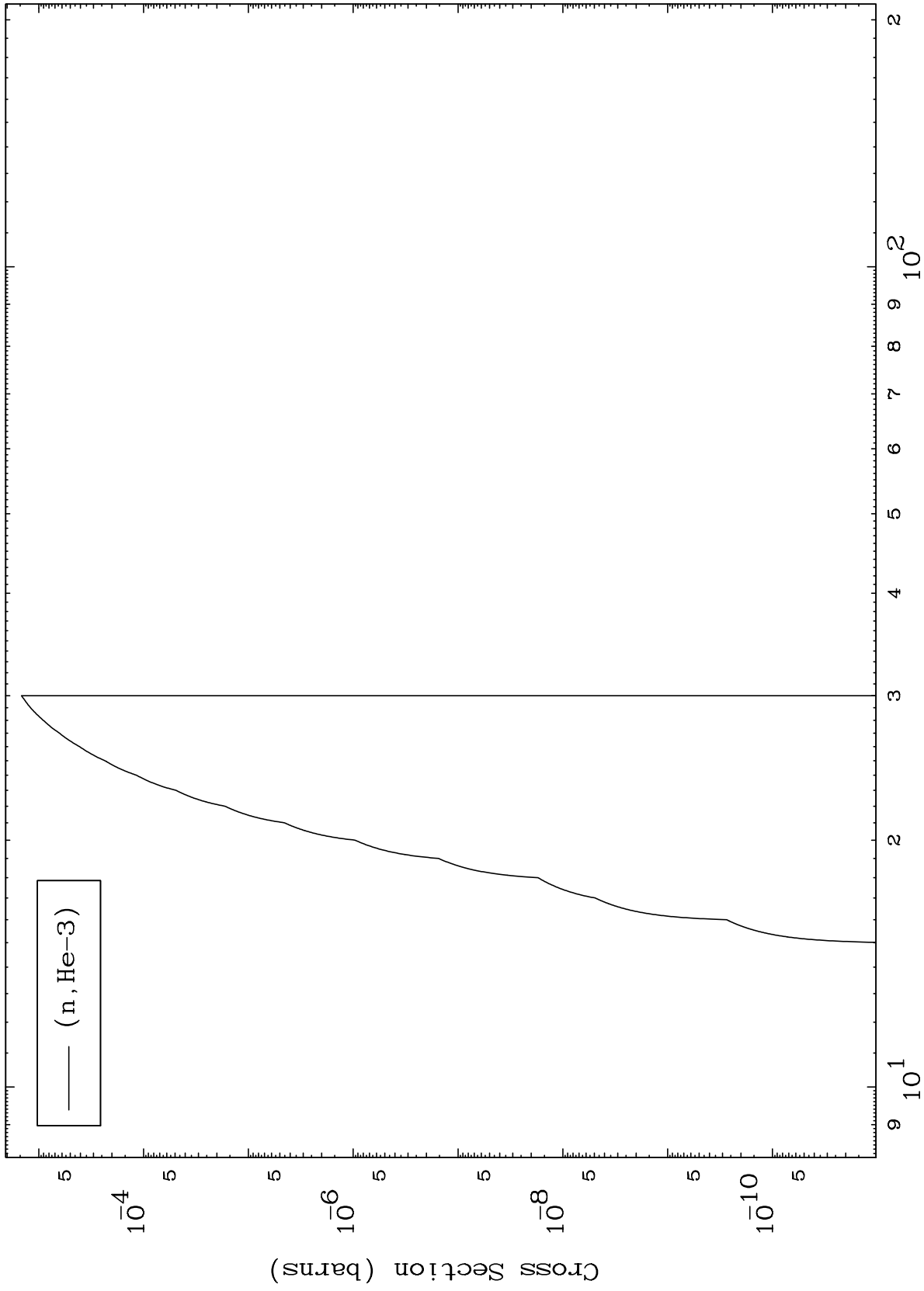
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-111



14

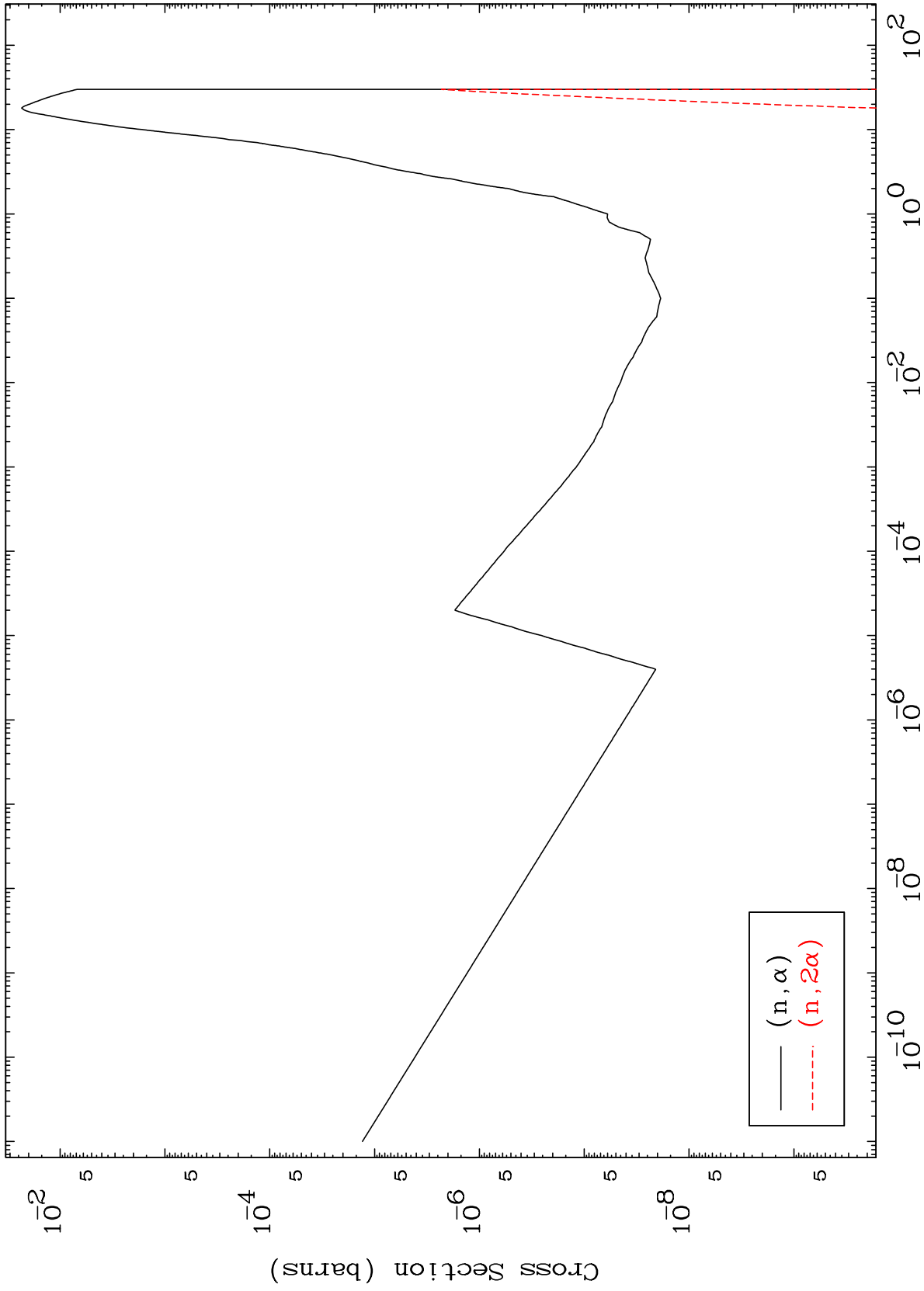
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,α) Levels
293 Kelvin Cross Sections

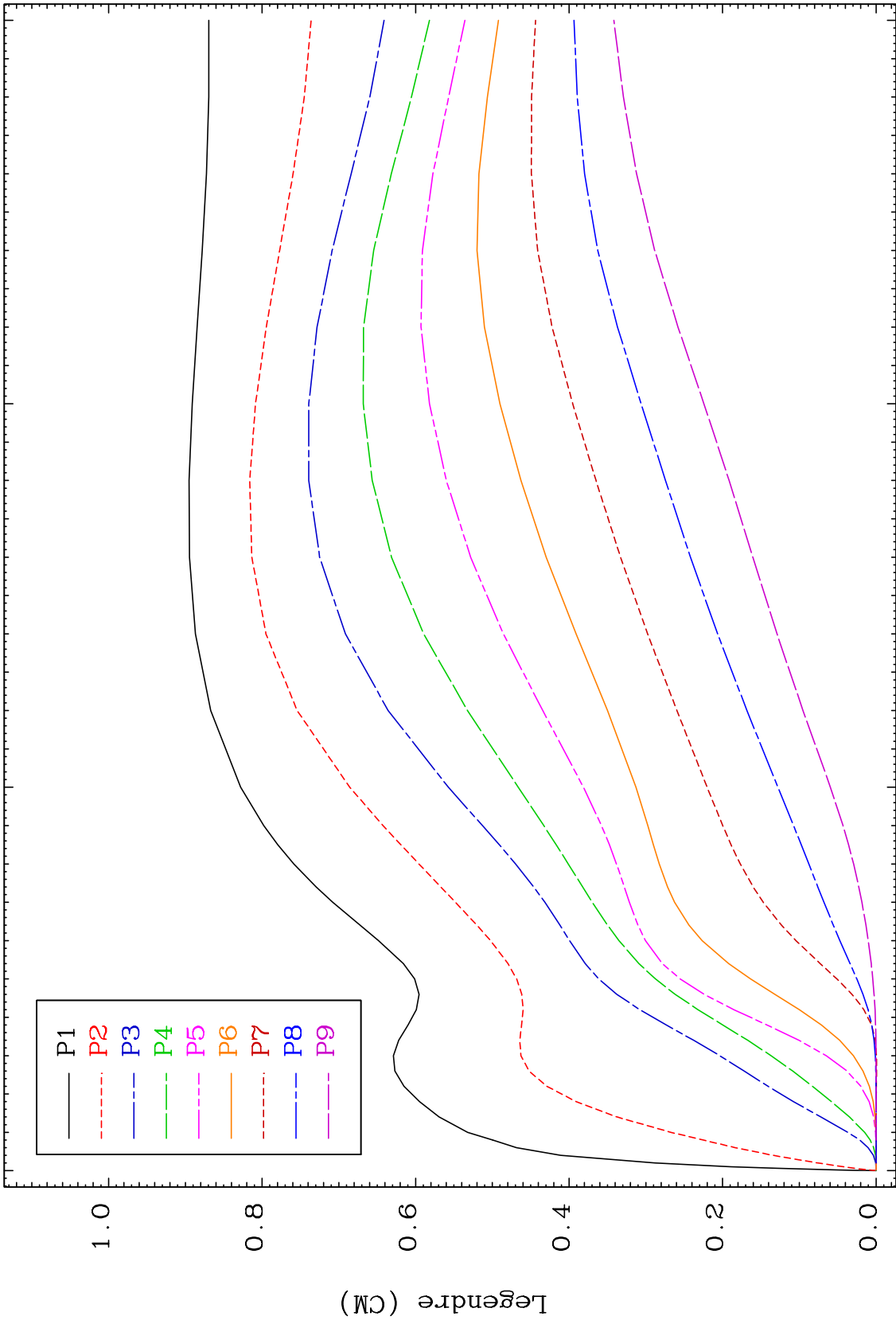
48-Cd-111



MAT 4840

Elastic Legendre Coefficients

48-Cd-111



16

Incident Energy (MeV)

48-Cd-111

30

20

10

0.0

0.2

0.4

0.6

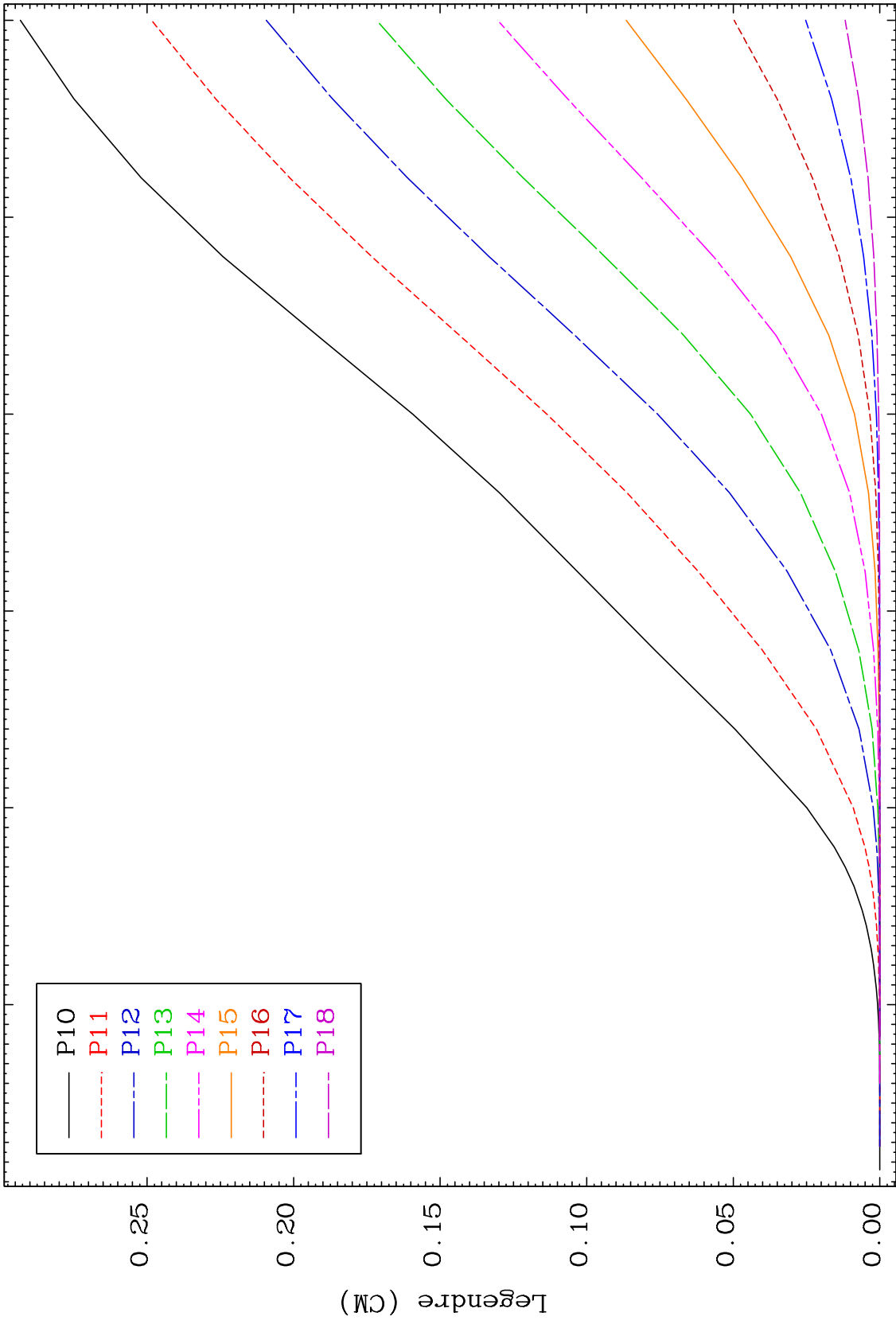
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1.0

MAT 4840

Elastic Legendre Coefficients

48-Cd-111



48-Cd-111

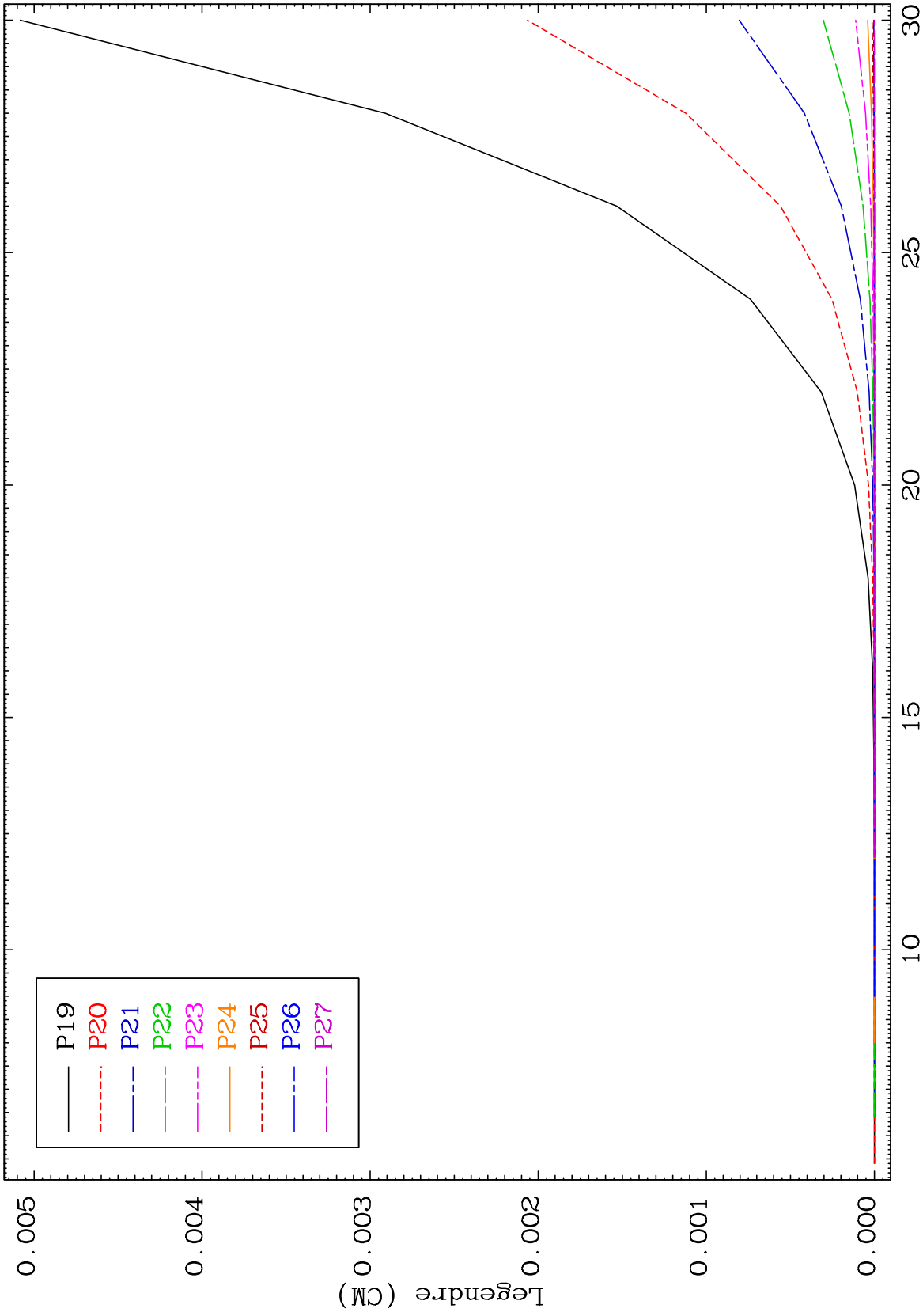
Incident Energy (MeV)

17

MAT 4840

Elastic Legendre Coefficients

48-Cd-111



18

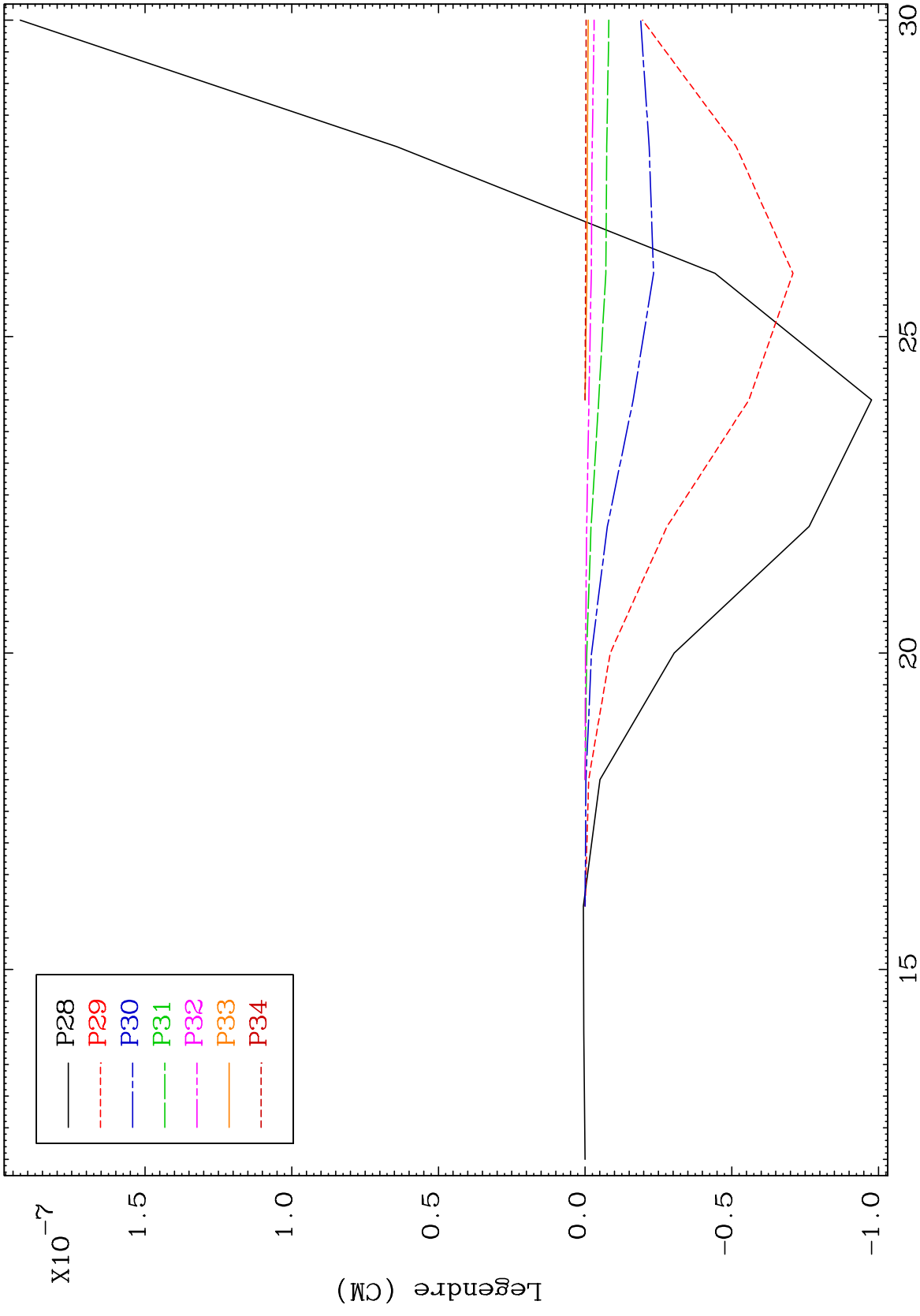
Incident Energy (MeV)

48-Cd-111

MAT 4840

Elastic Legendre Coefficients

48-Cd-111

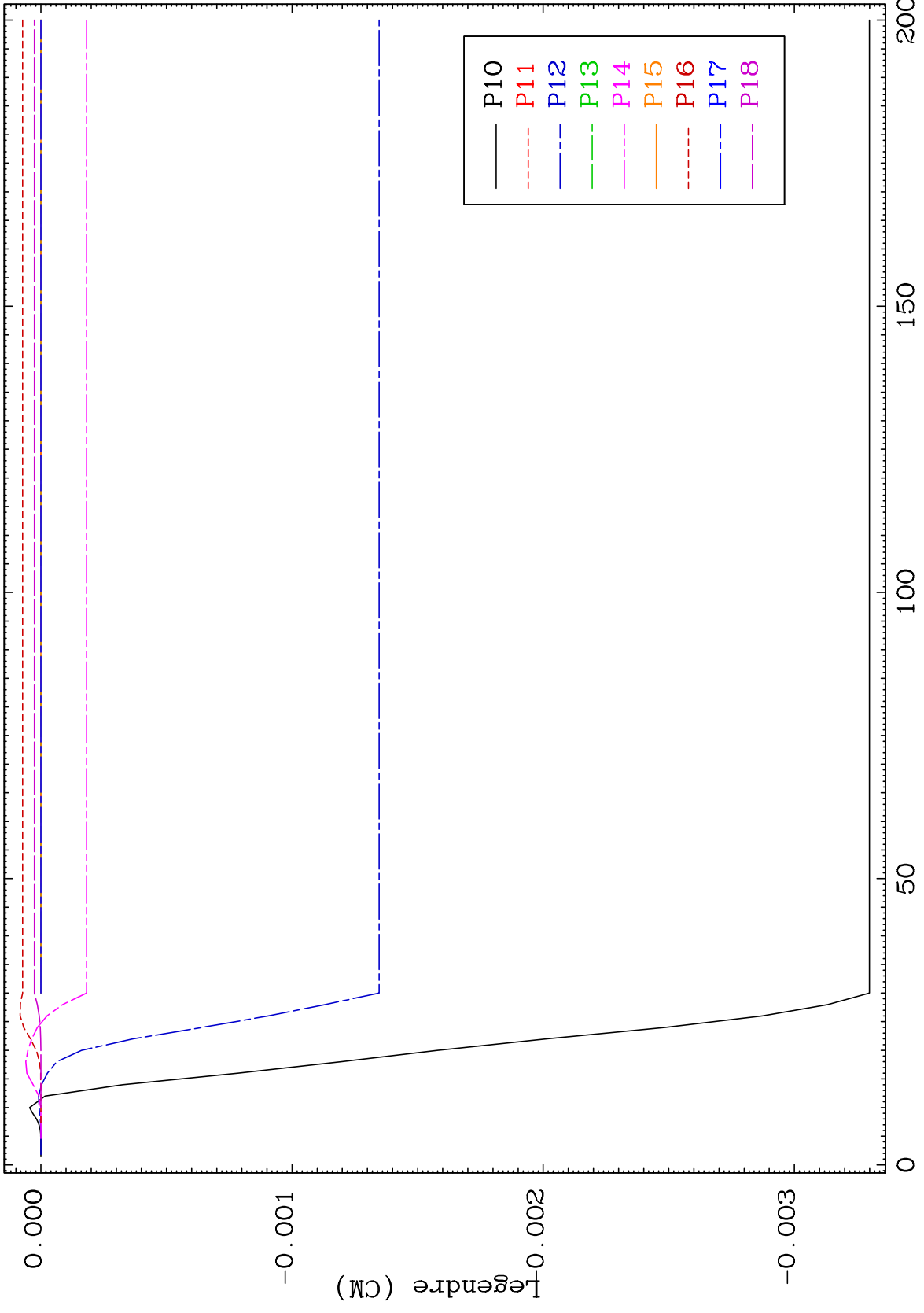


19

Incident Energy (MeV)

48-Cd-111

MAT 4840 MT= 51 (n,n') Level Legendre Coefficients 48-Cd-111

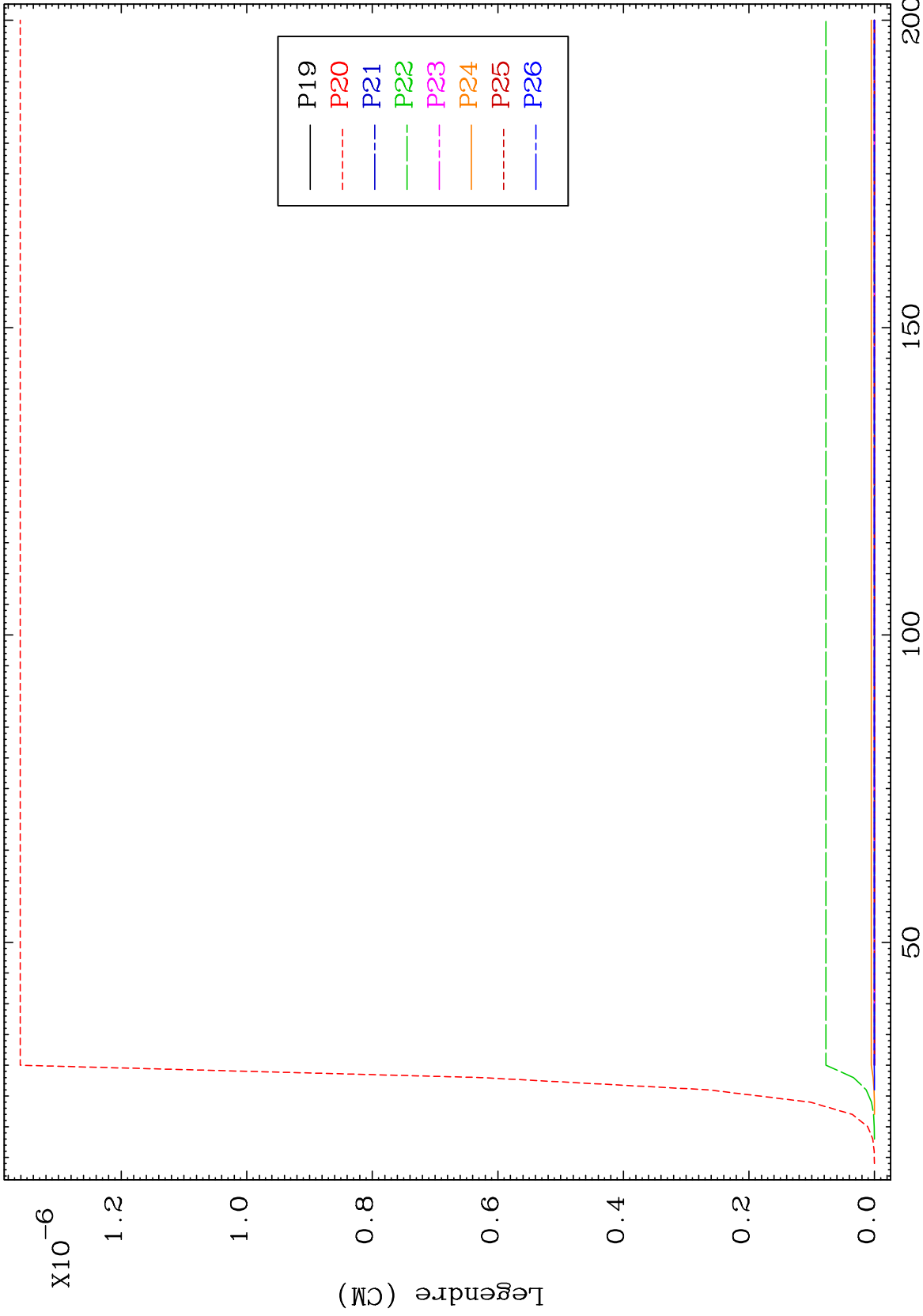


21 48-Cd-111

MAT 4840

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

48-Cd-111



22

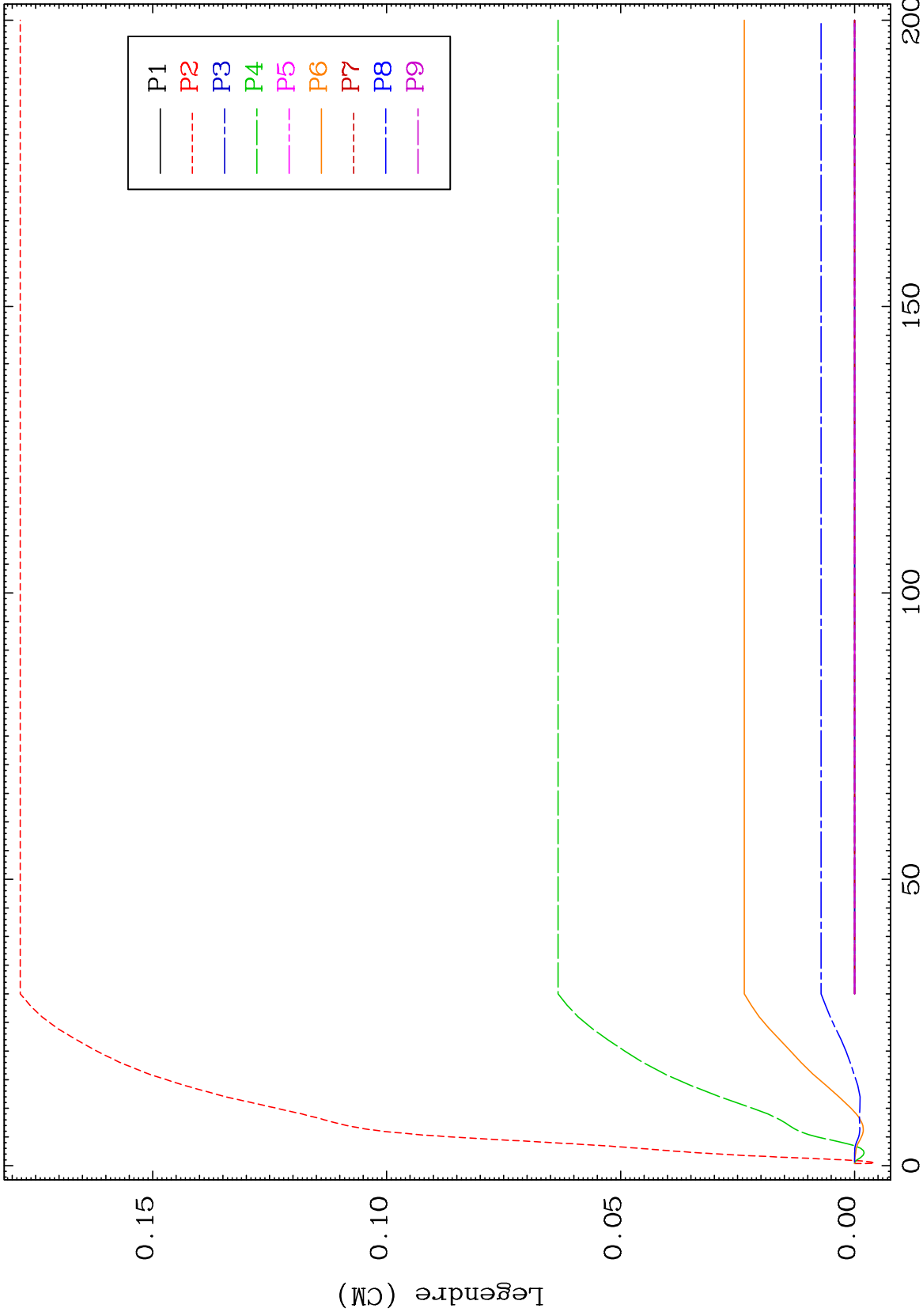
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

48-Cd-111



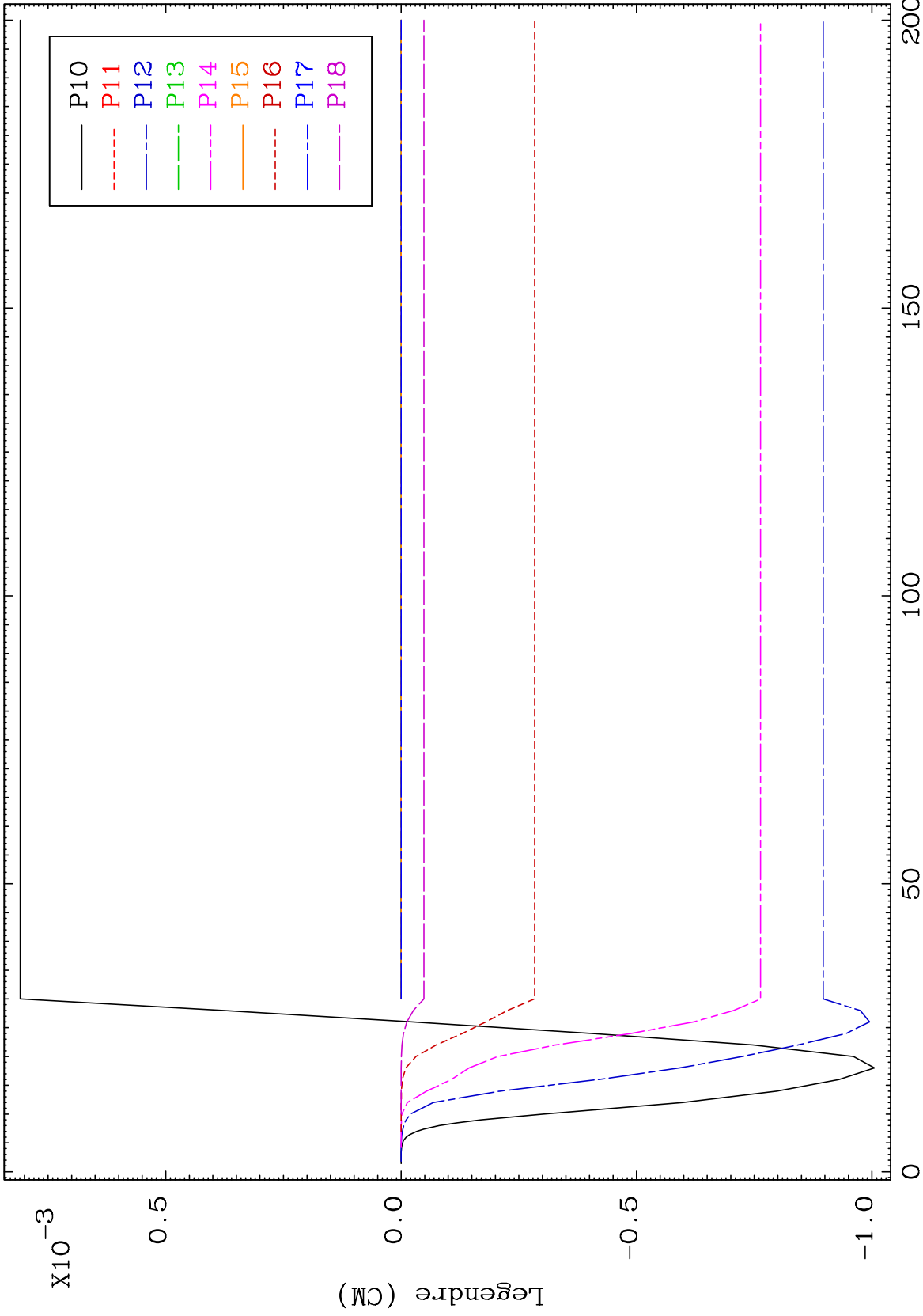
23

48-Cd-111

MAT 4840

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

48-Cd-111



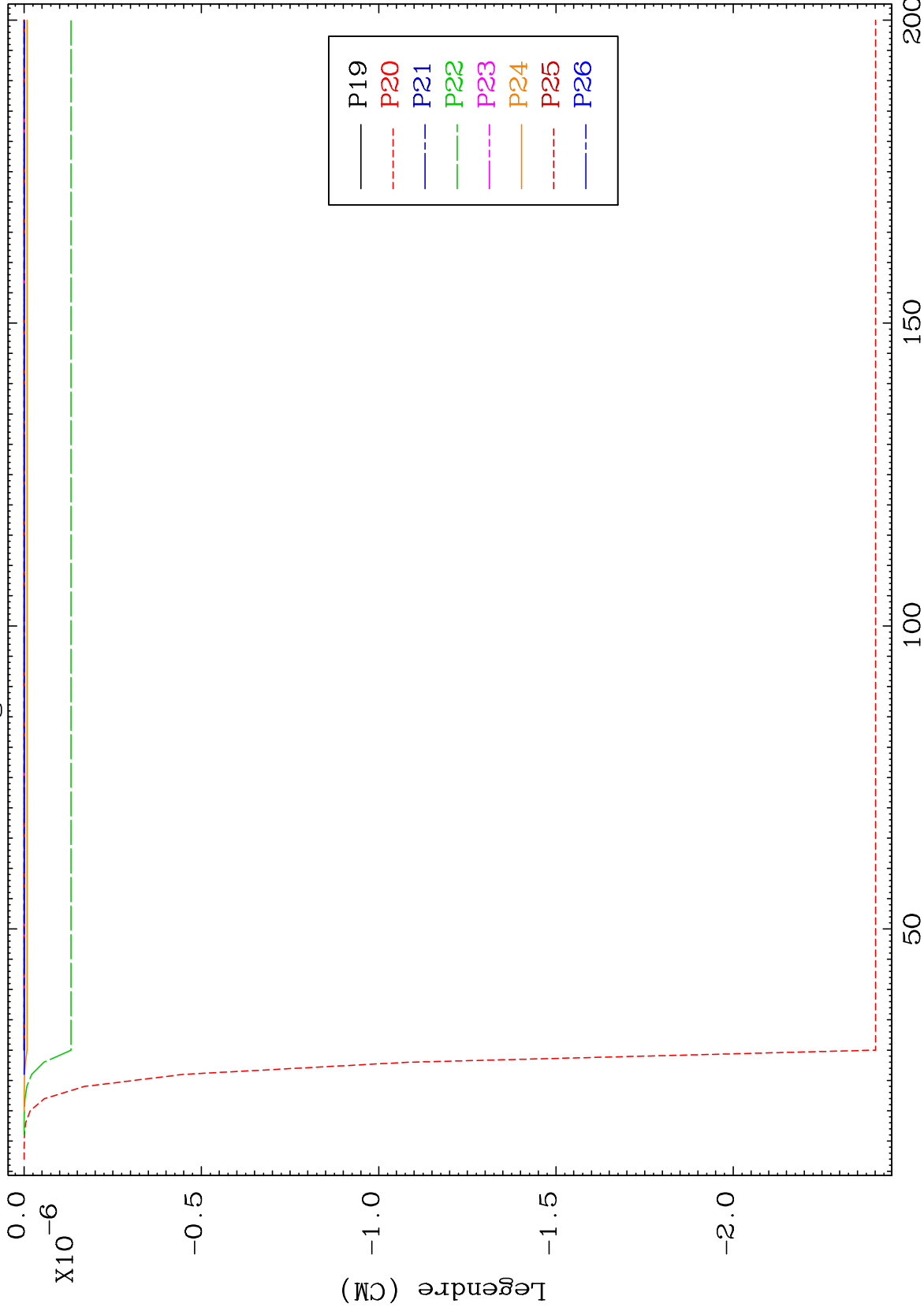
24

48-Cd-111

MAT 4840

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

48-Cd-111



48-Cd-111

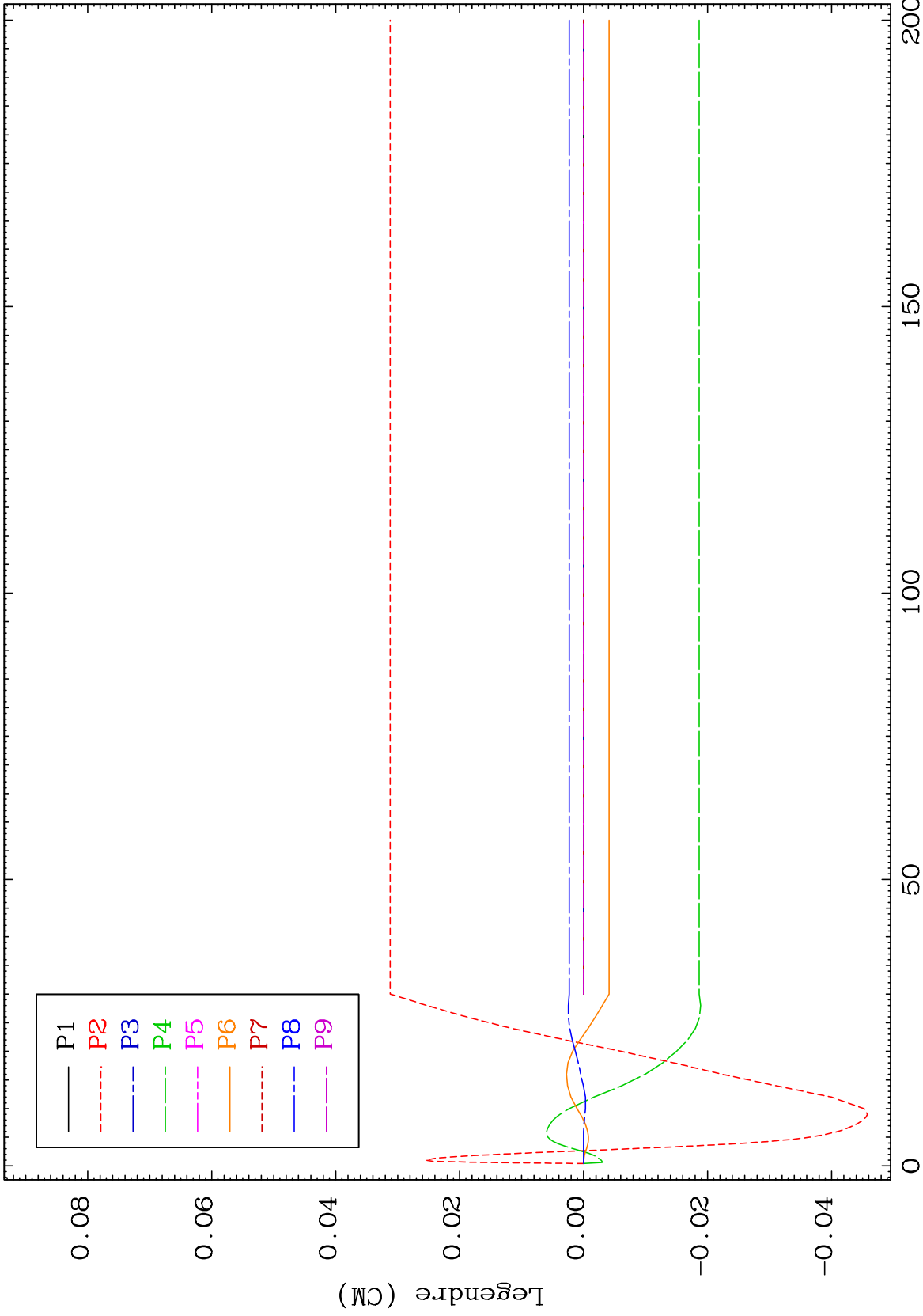
Incident Energy (MeV)

25

MAT 4840

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

48-Cd-111



26

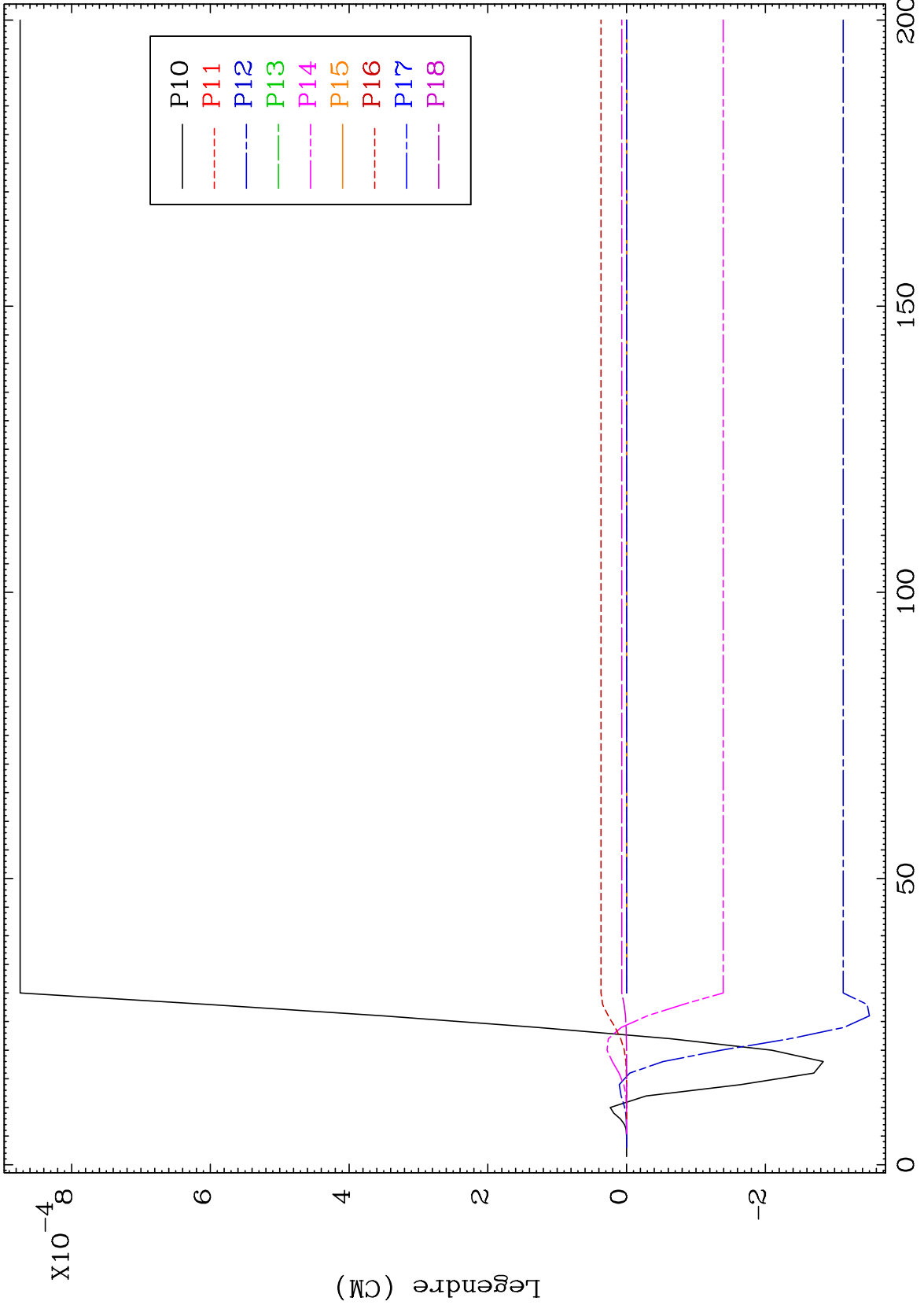
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

48-Cd-111

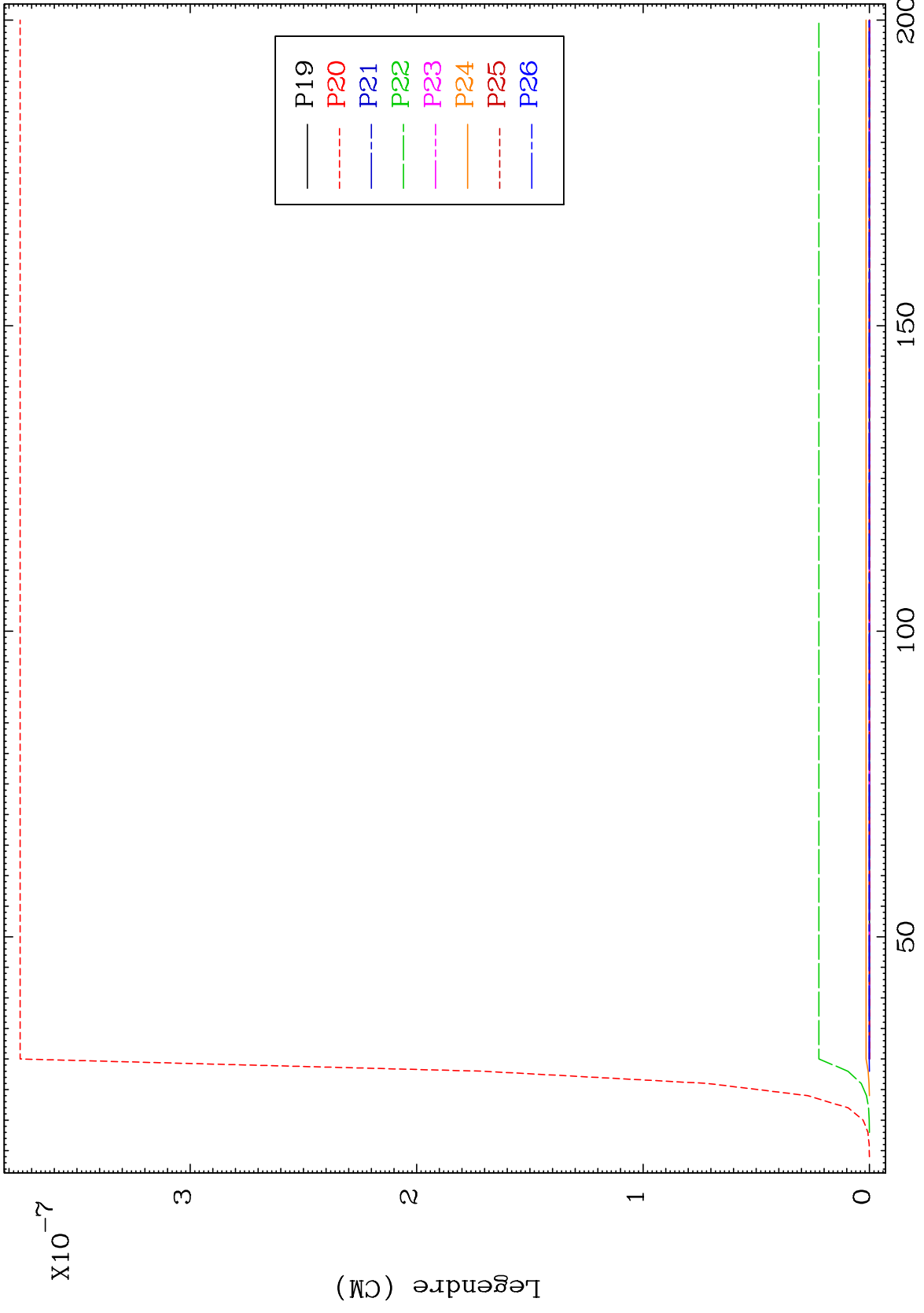


27

Incident Energy (MeV)

48-Cd-111

MAT 4840 MT= 53 (n,n') Level Legendre Coefficients 48-Cd-111

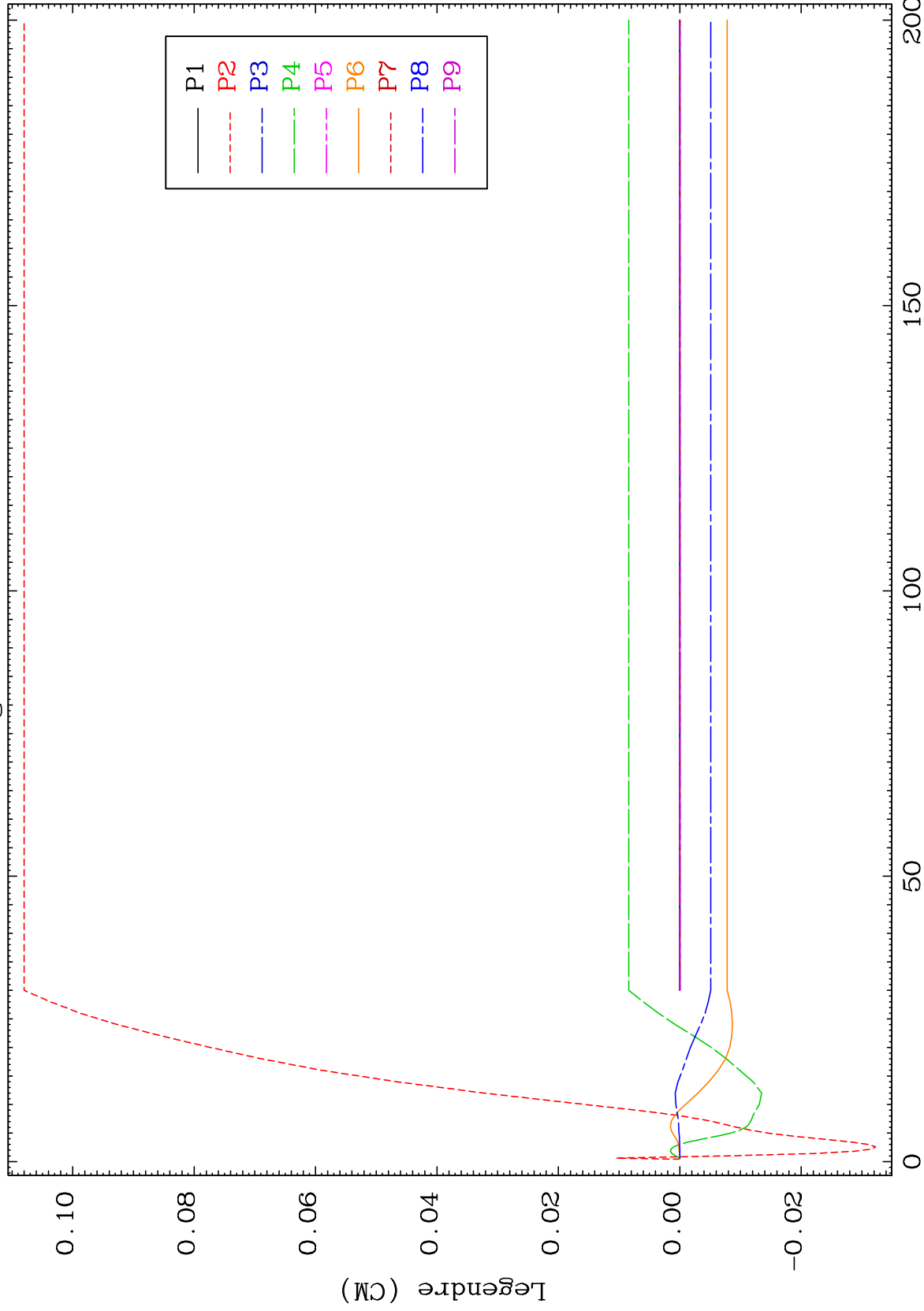


48-Cd-111

MAT 4840

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

48-Cd-111



29

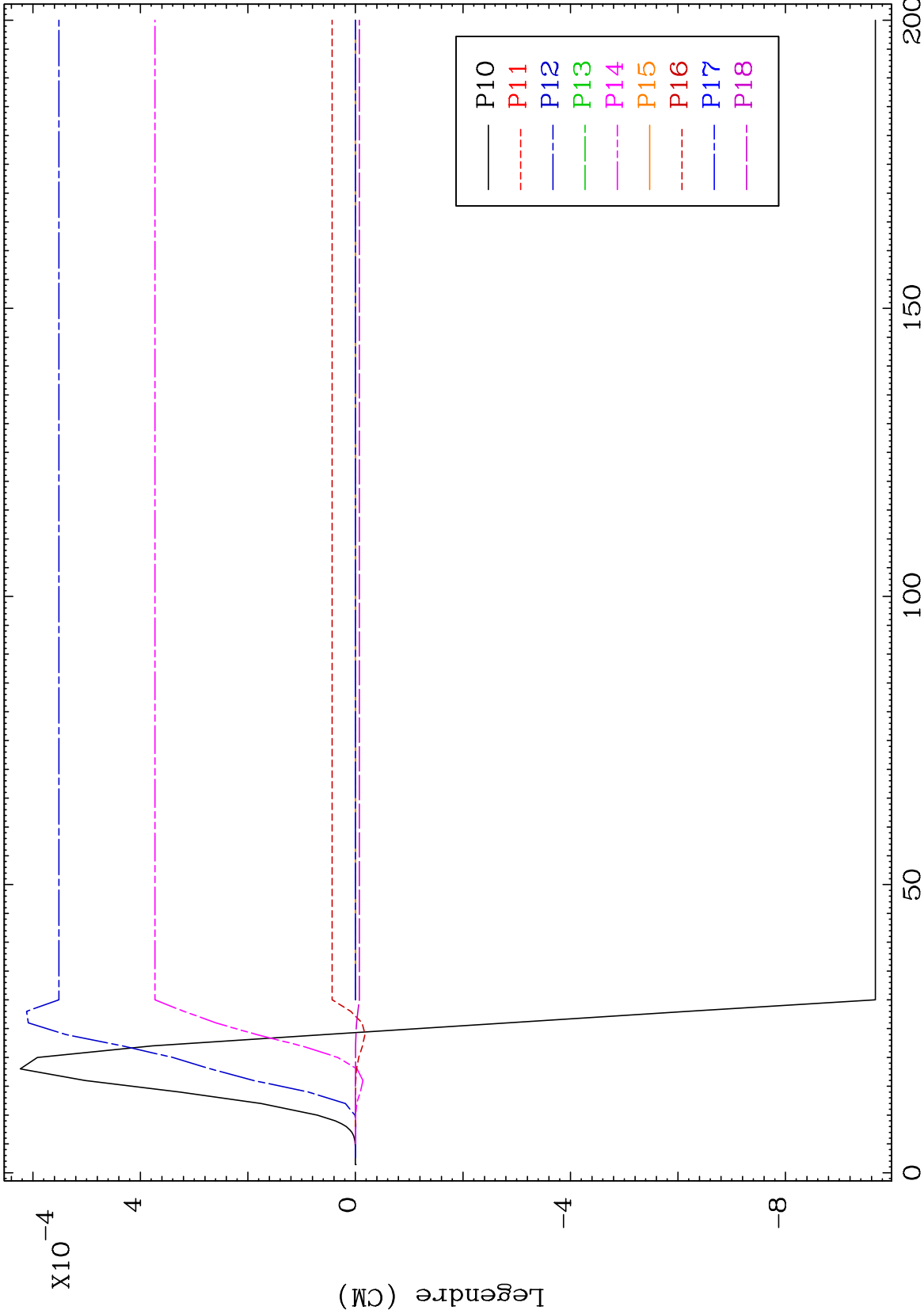
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

48-Cd-111



30

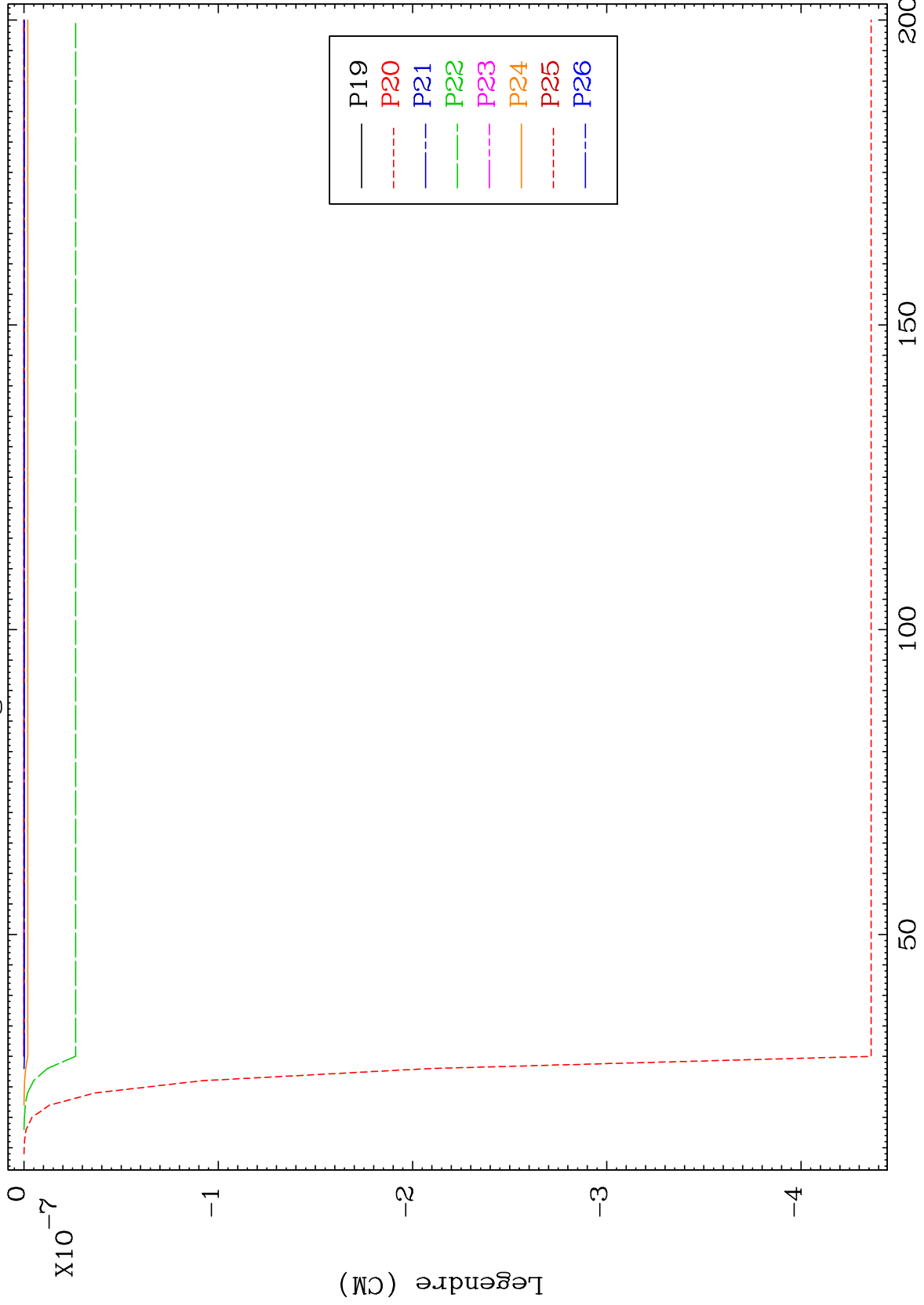
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

48-Cd-111

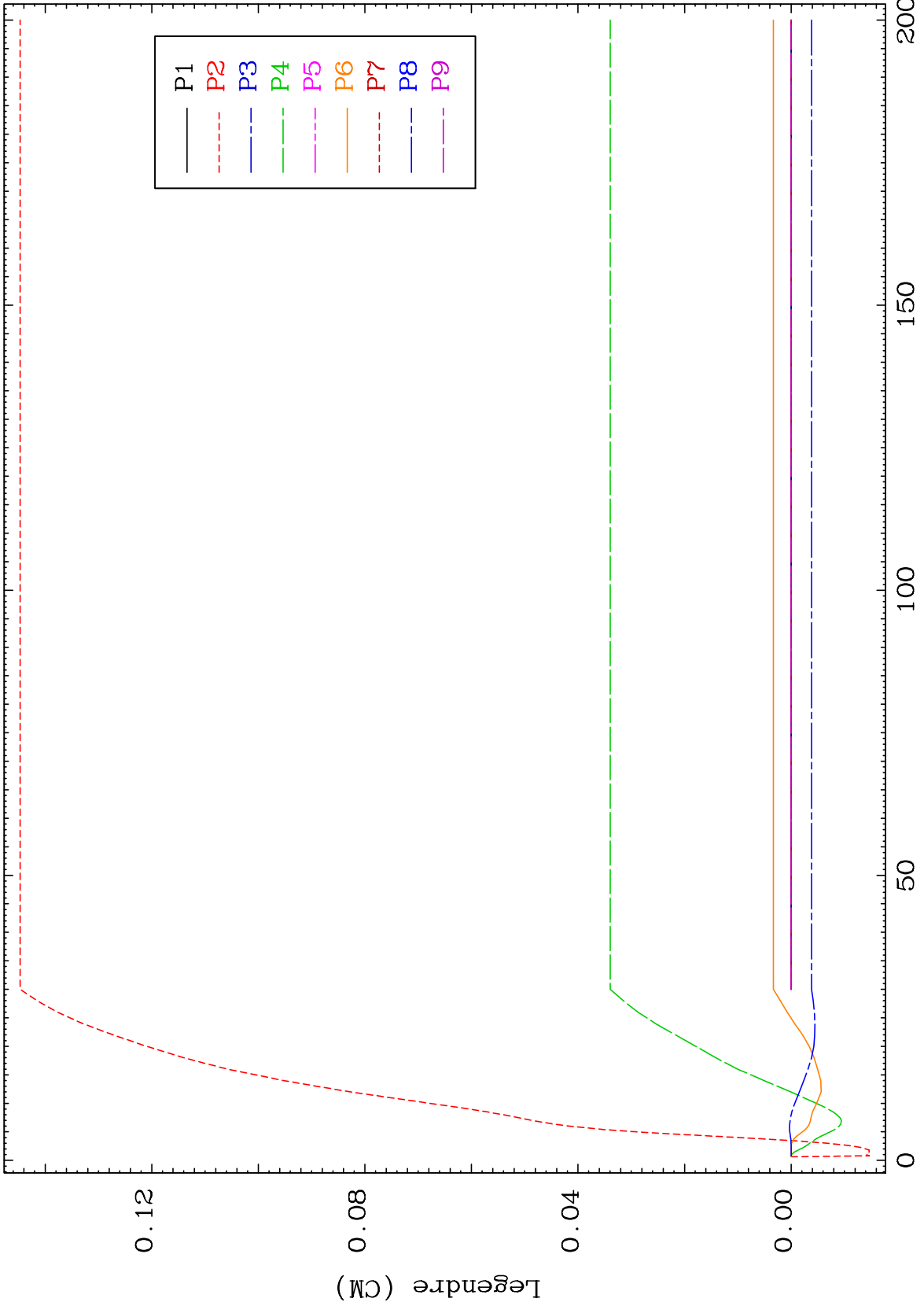


48-Cd-111

Incident Energy (MeV)

31

MAT 4840 MT= 55 (n,n') Level Legendre Coefficients 48-Cd-111

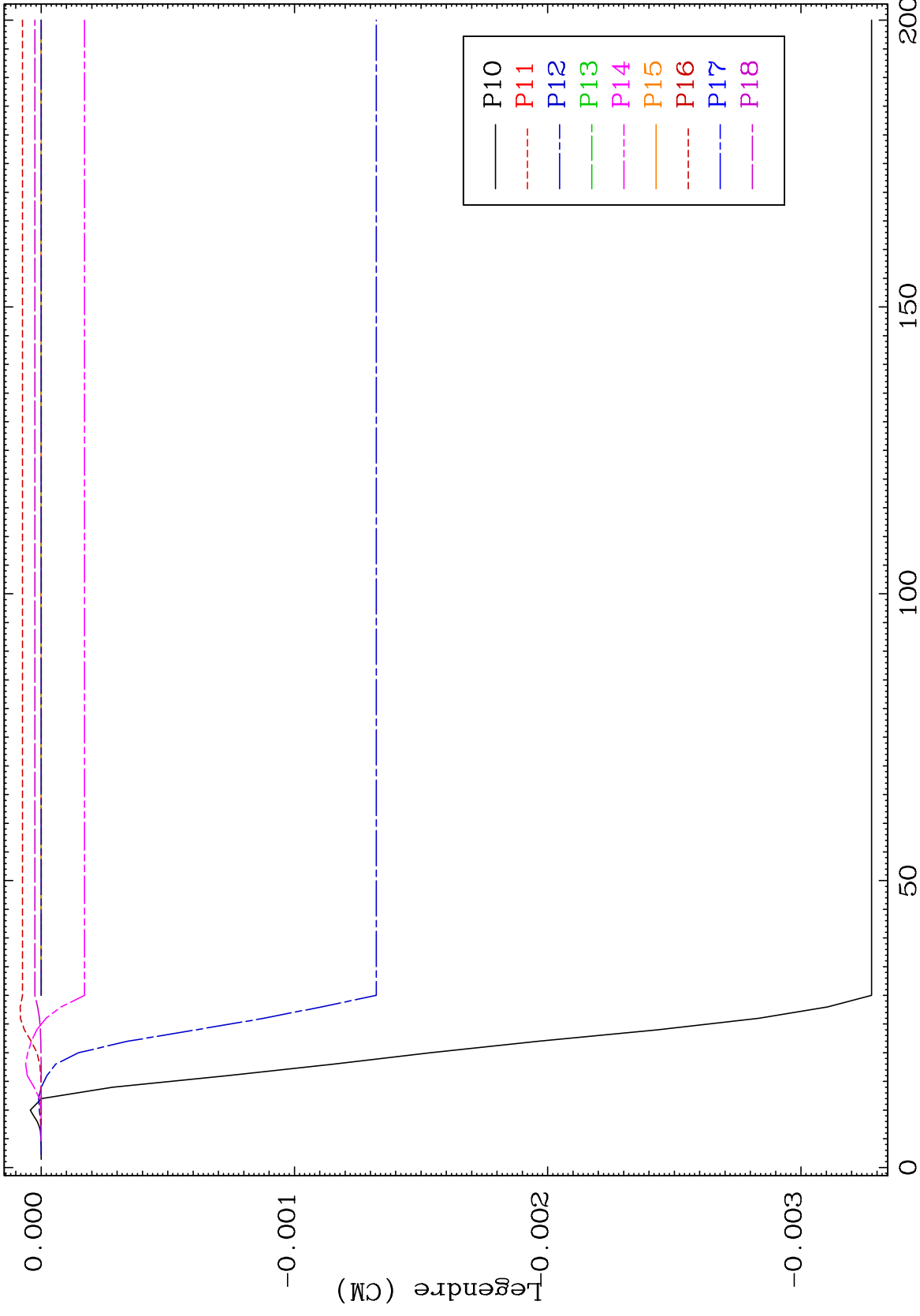


32 48-Cd-111

MAT 4840

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

48-Cd-111

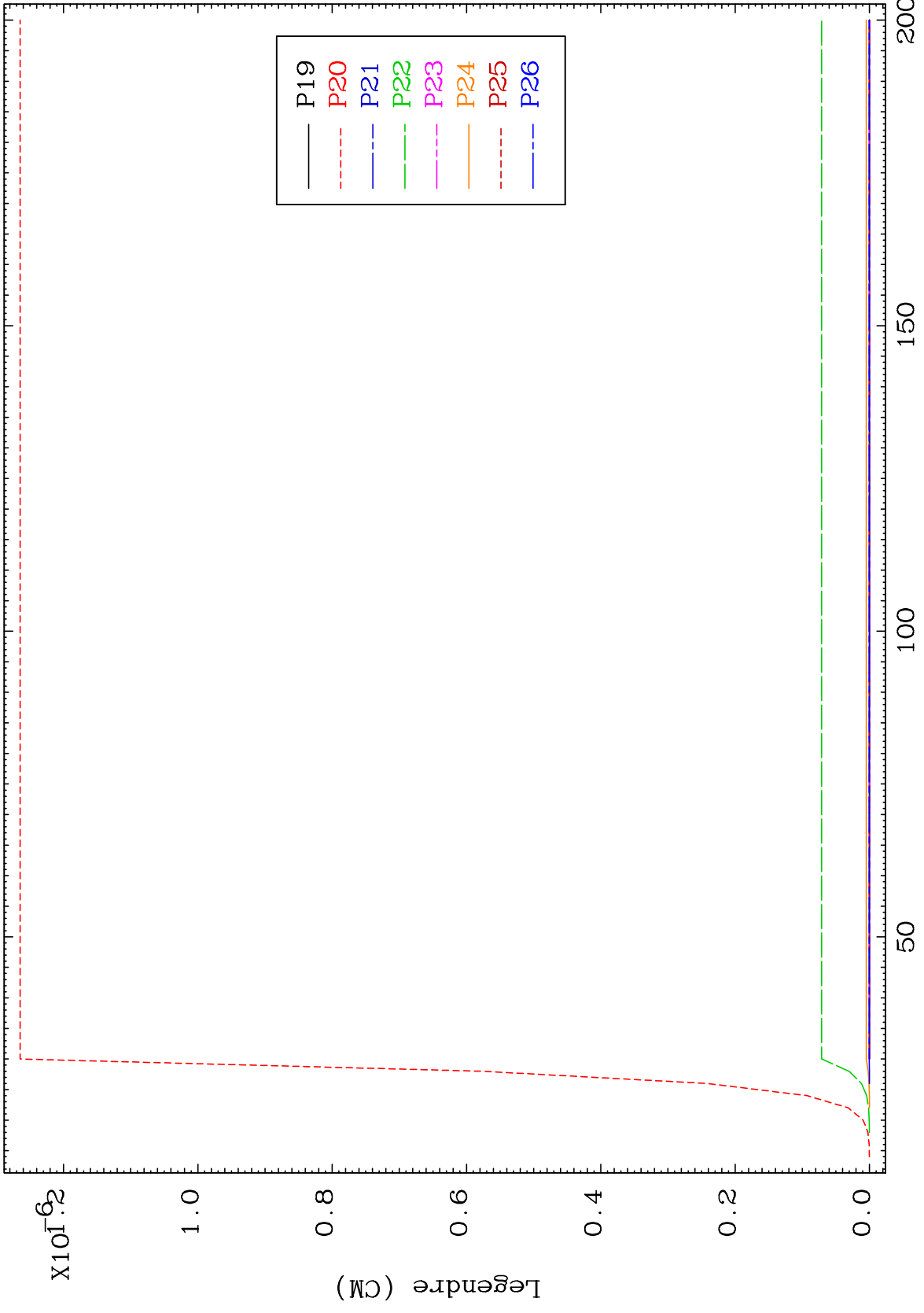


48-Cd-111

Incident Energy (MeV)

33

MAT 4840 MT= 55 (n,n') Level Legendre Coefficients 48-Cd-111

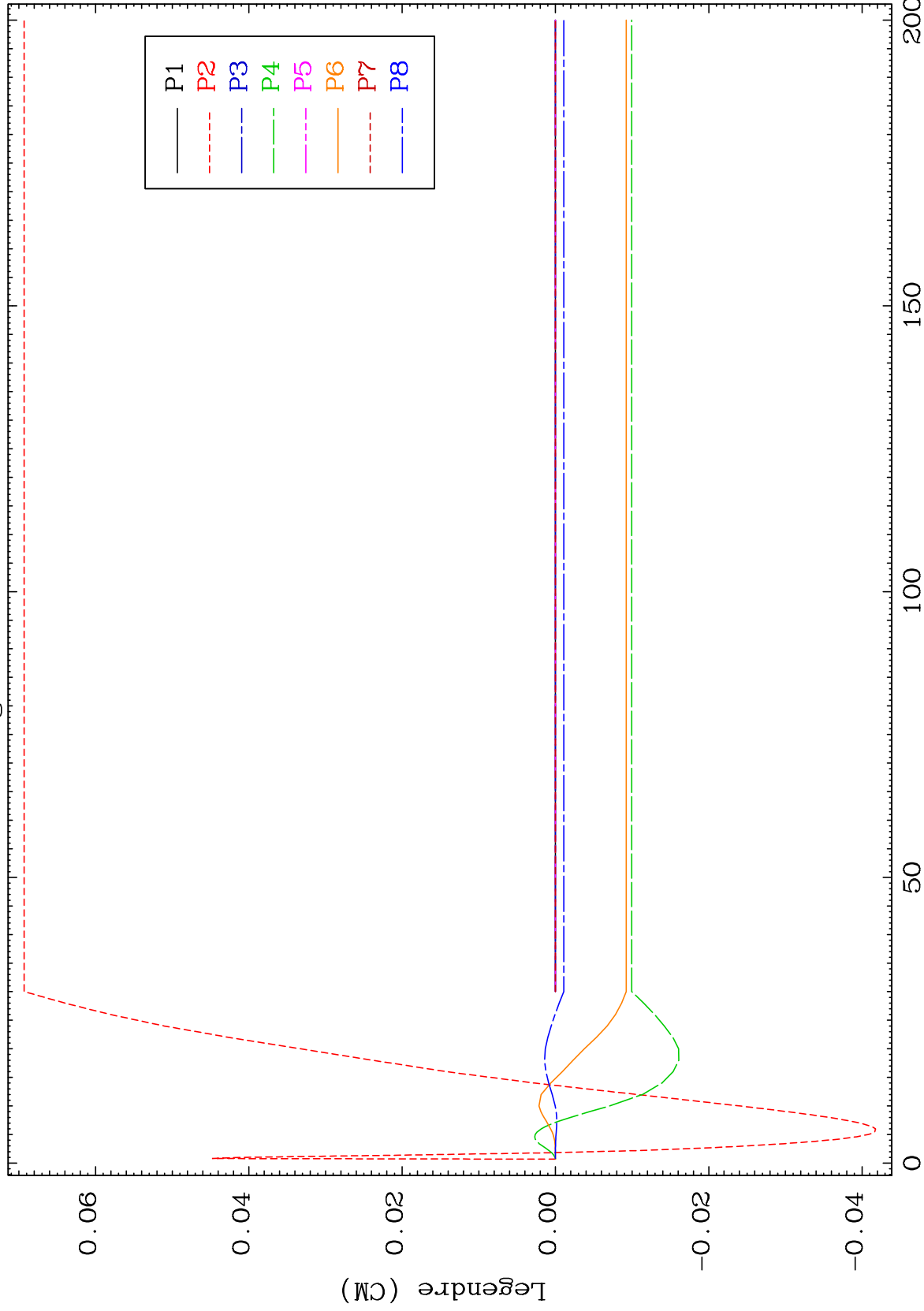


34 50 100 150 200 48-Cd-111

MAT 4840

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

48-Cd-111

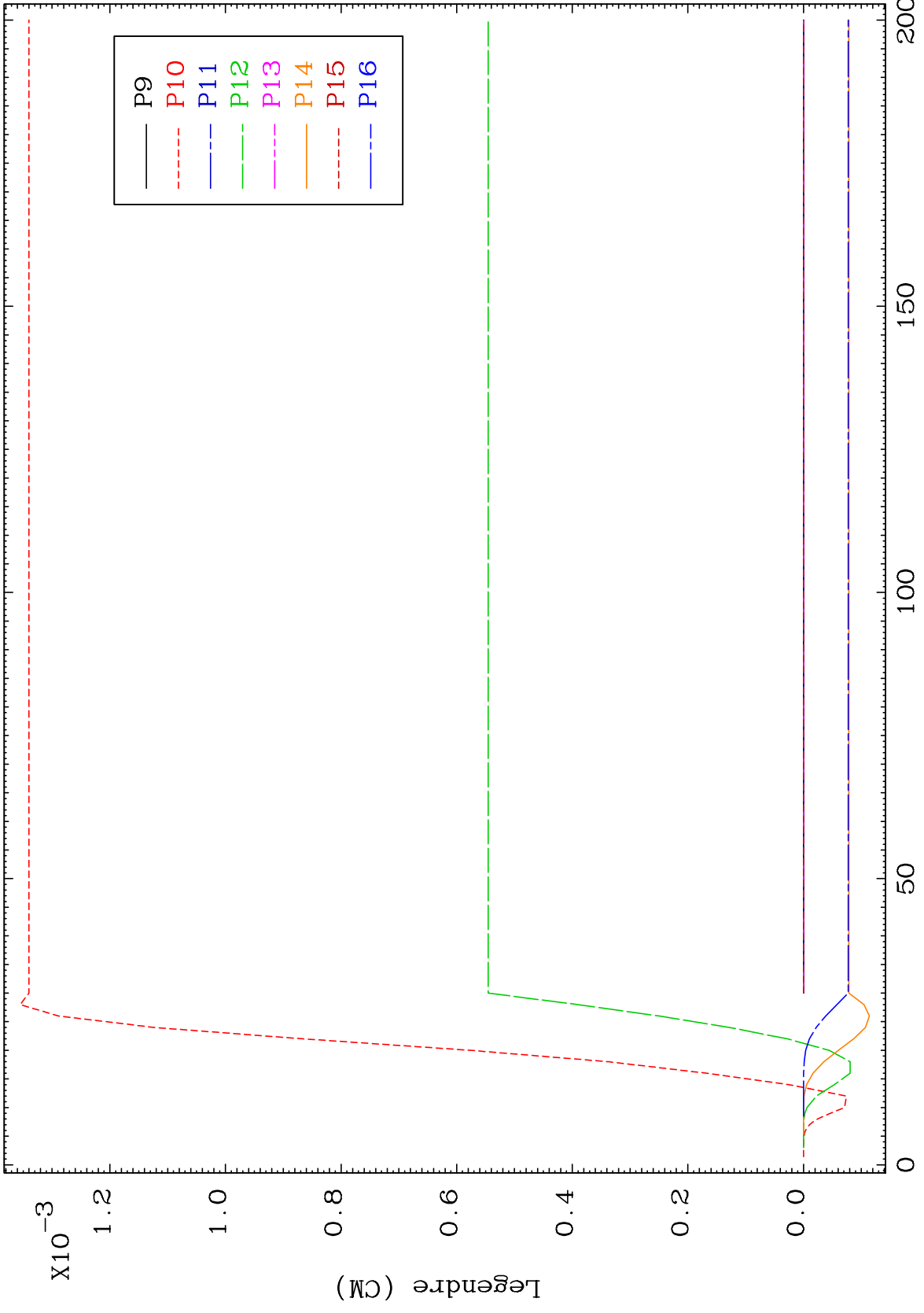


35

Incident Energy (MeV)

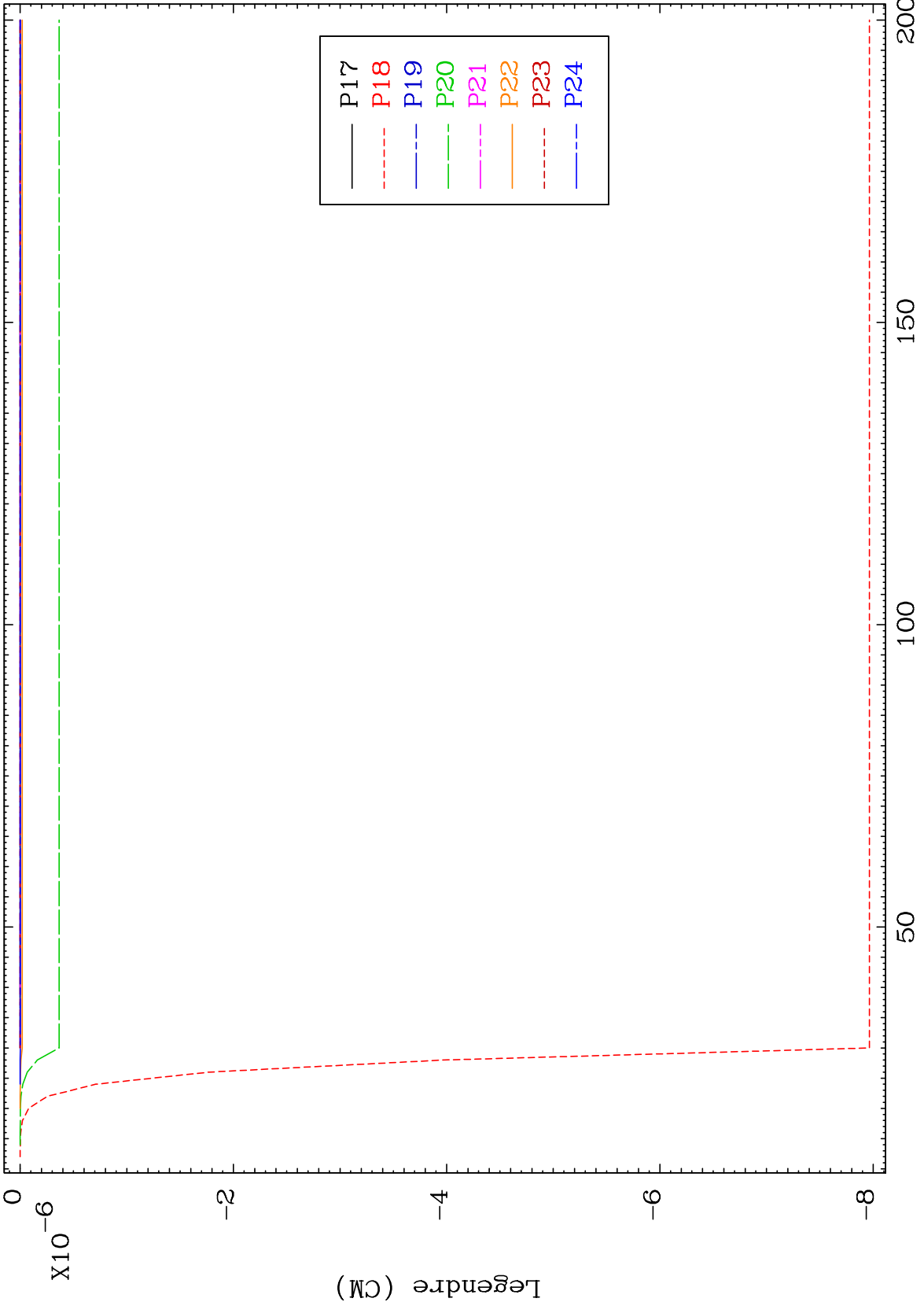
48-Cd-111

MAT 4840 MT= 56 (n,n') Level Legendre Coefficients 48-Cd-111



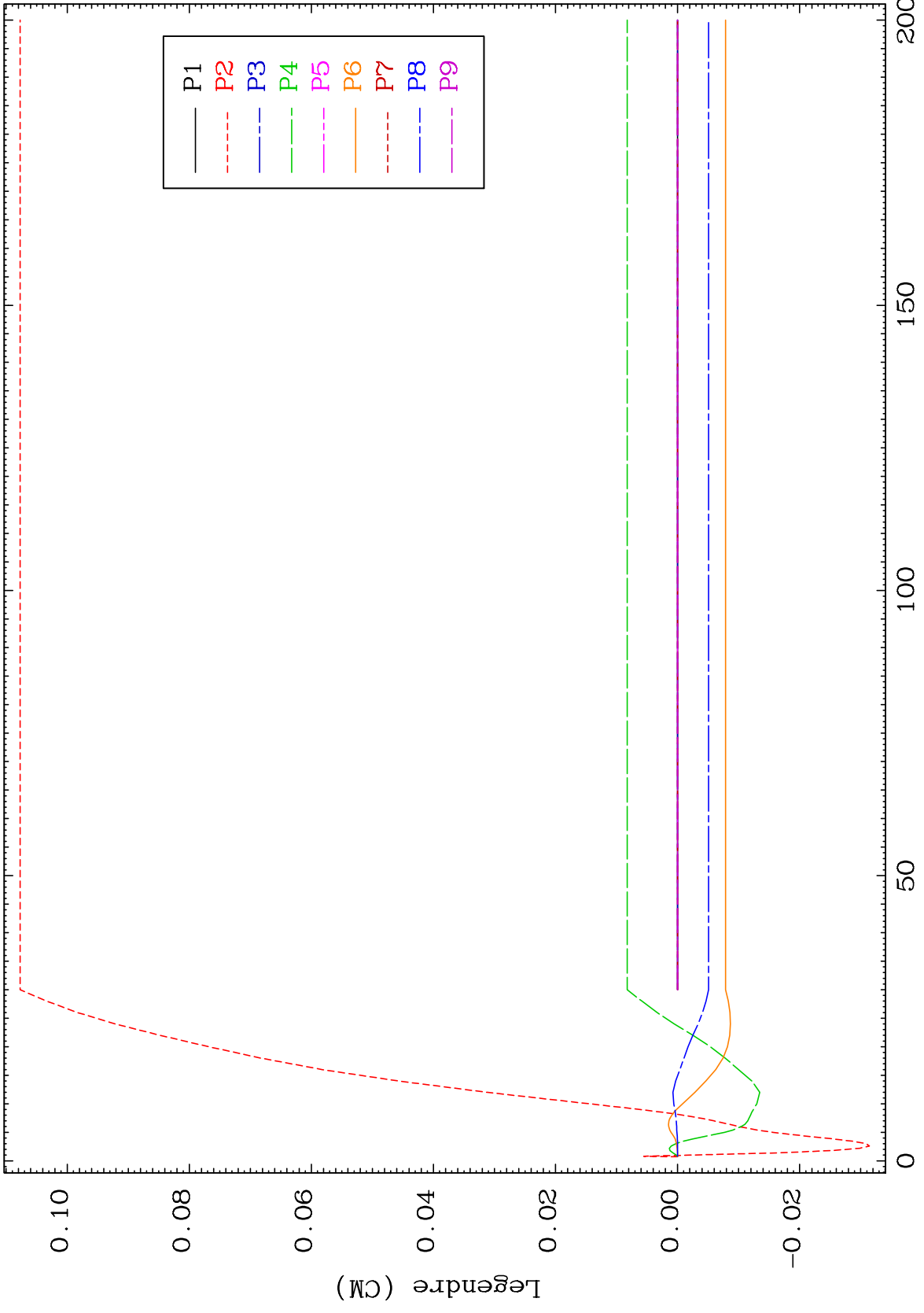
36 Incident Energy (MeV) 48-Cd-111

MAT 4840 MT= 56 (n,n') Level Legendre Coefficients 48-Cd-111



37 48-Cd-111

MAT 4840 MT= 57 (n,n') Level Legendre Coefficients 48-Cd-111

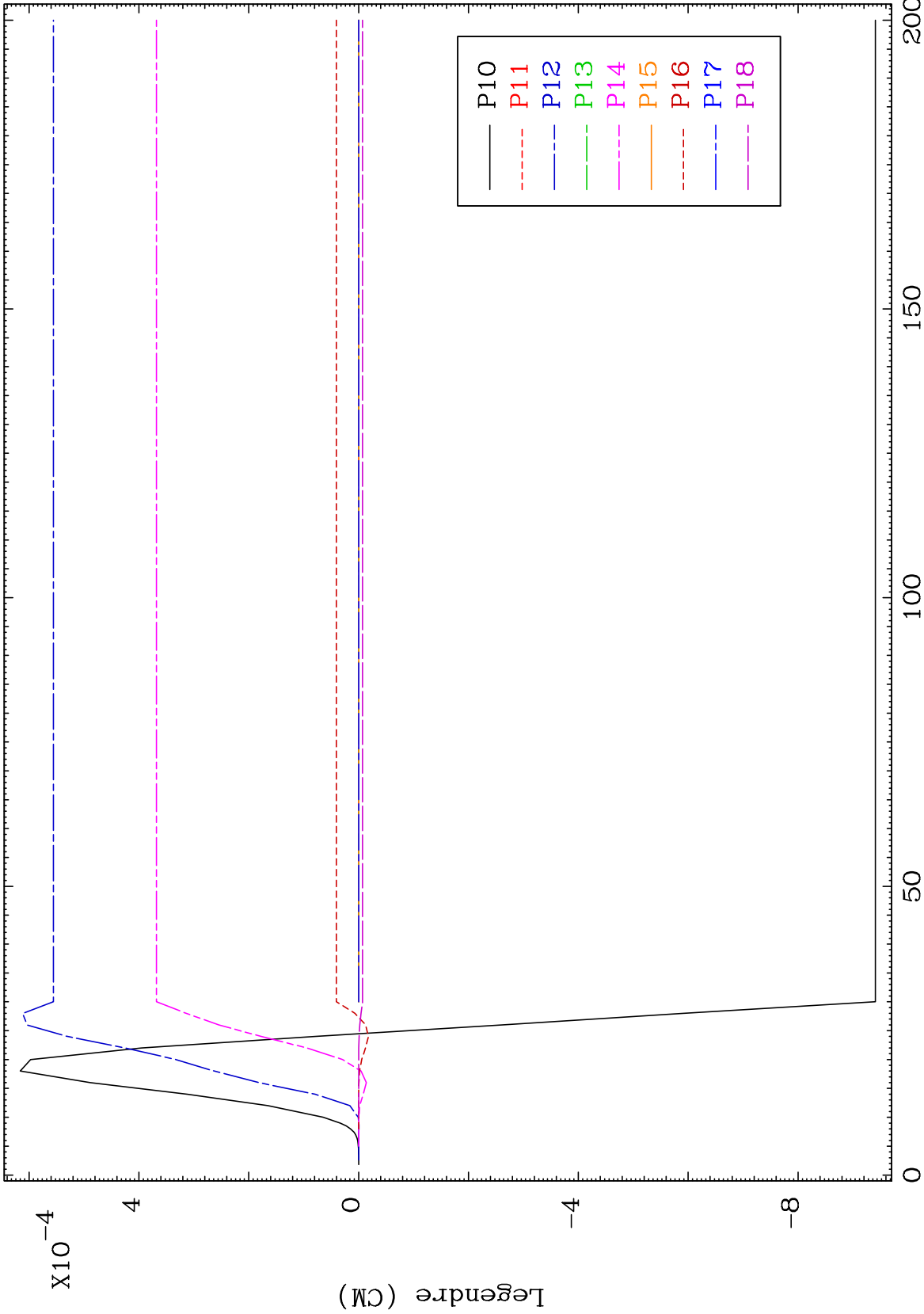


38 48-Cd-111

MAT 4840

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

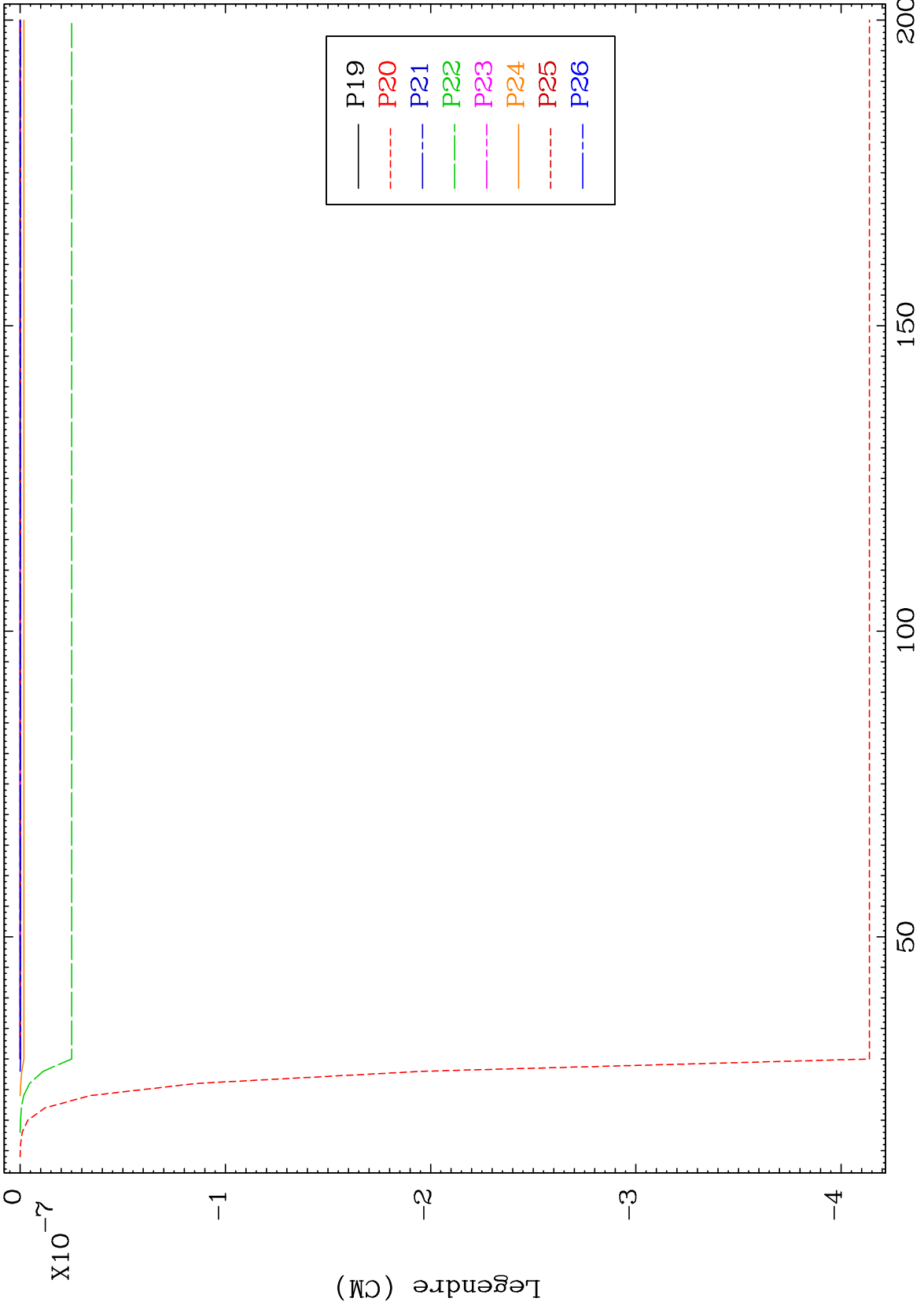
48-Cd-111



39

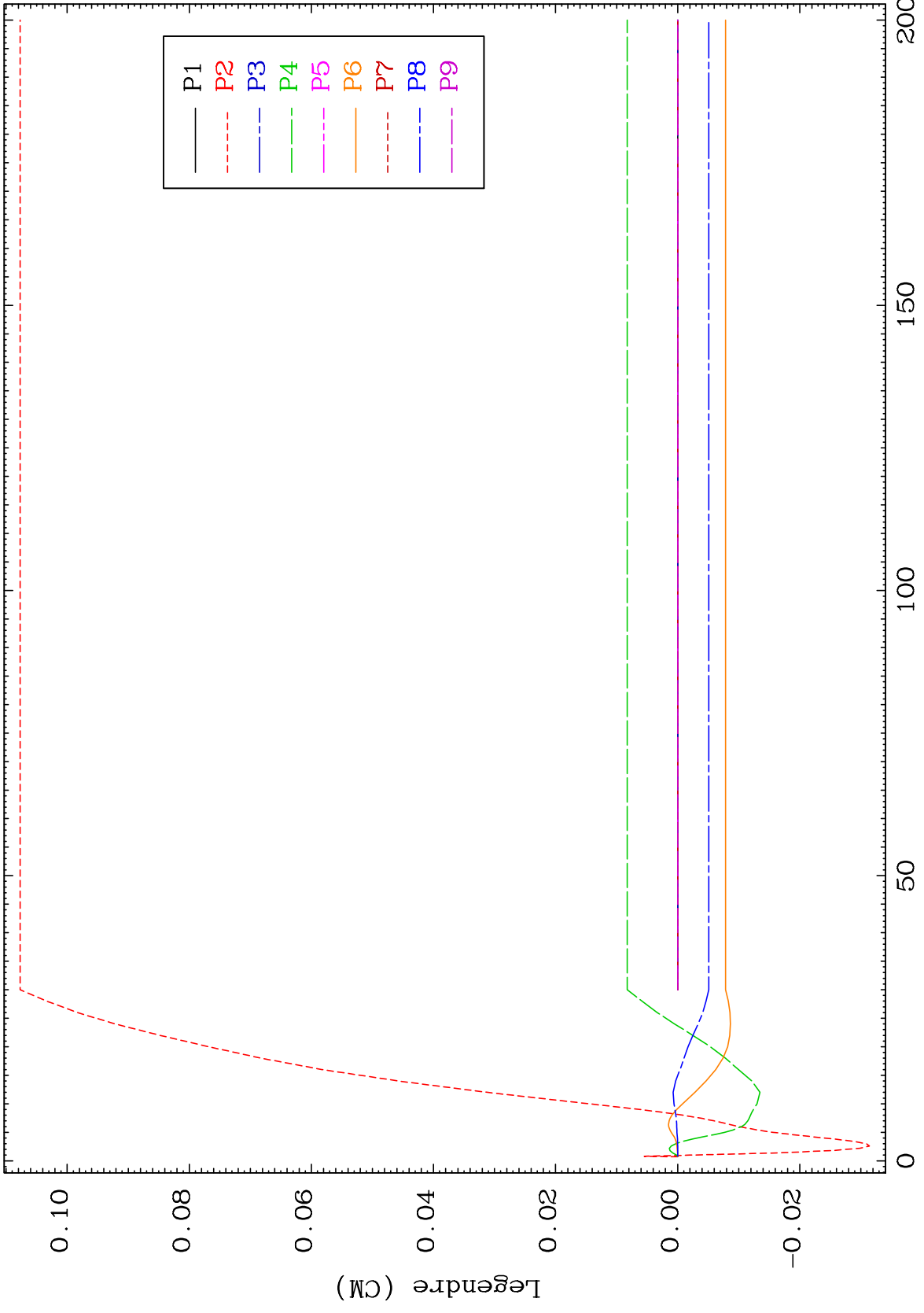
48-Cd-111

MAT 4840 MT= 57 (n,n') Level Legendre Coefficients 48-Cd-111



48-Cd-111

MAT 4840 MT= 58 (n,n') Level Legendre Coefficients 48-Cd-111

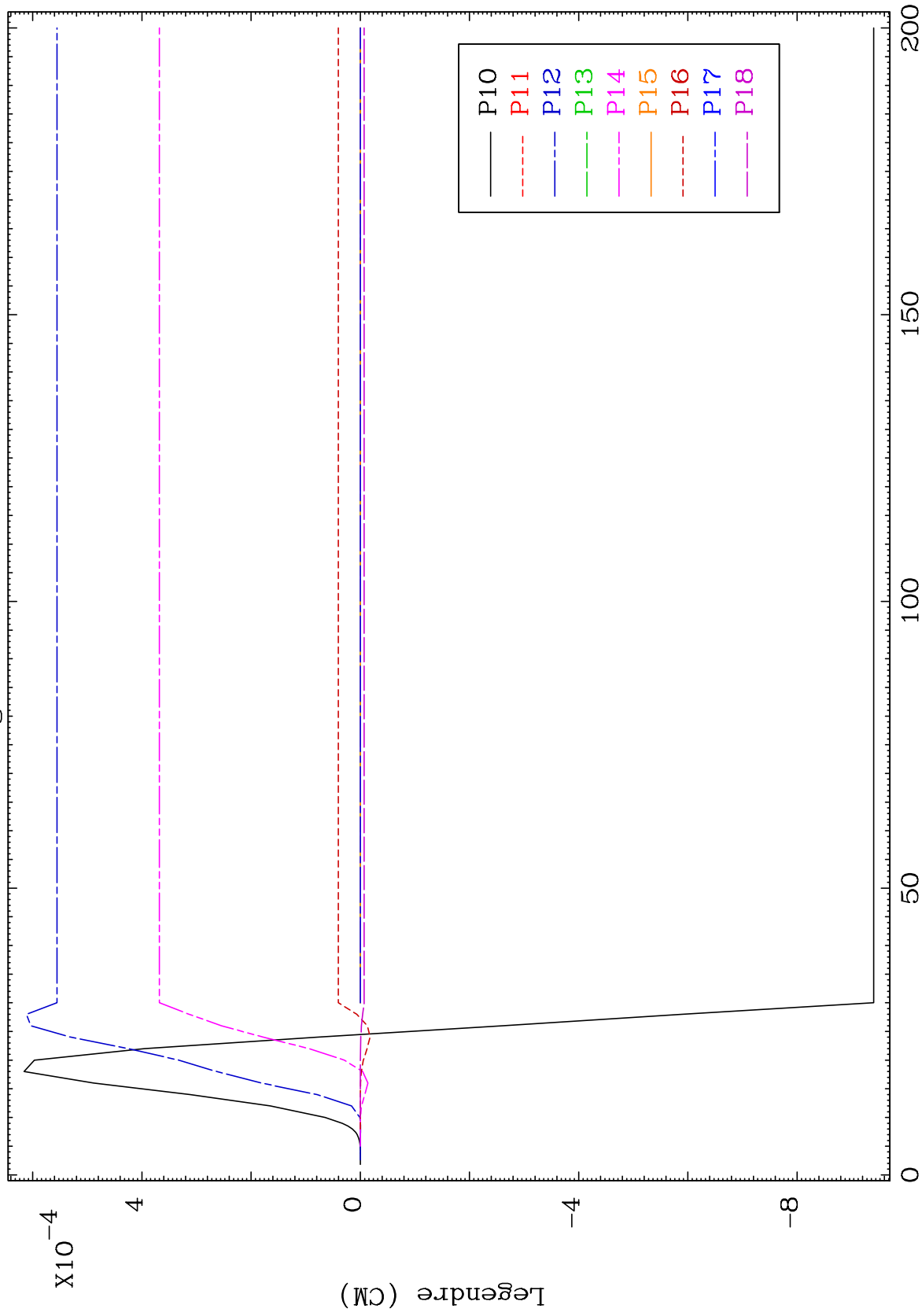


41 48-Cd-111

MAT 4840

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

48-Cd-111

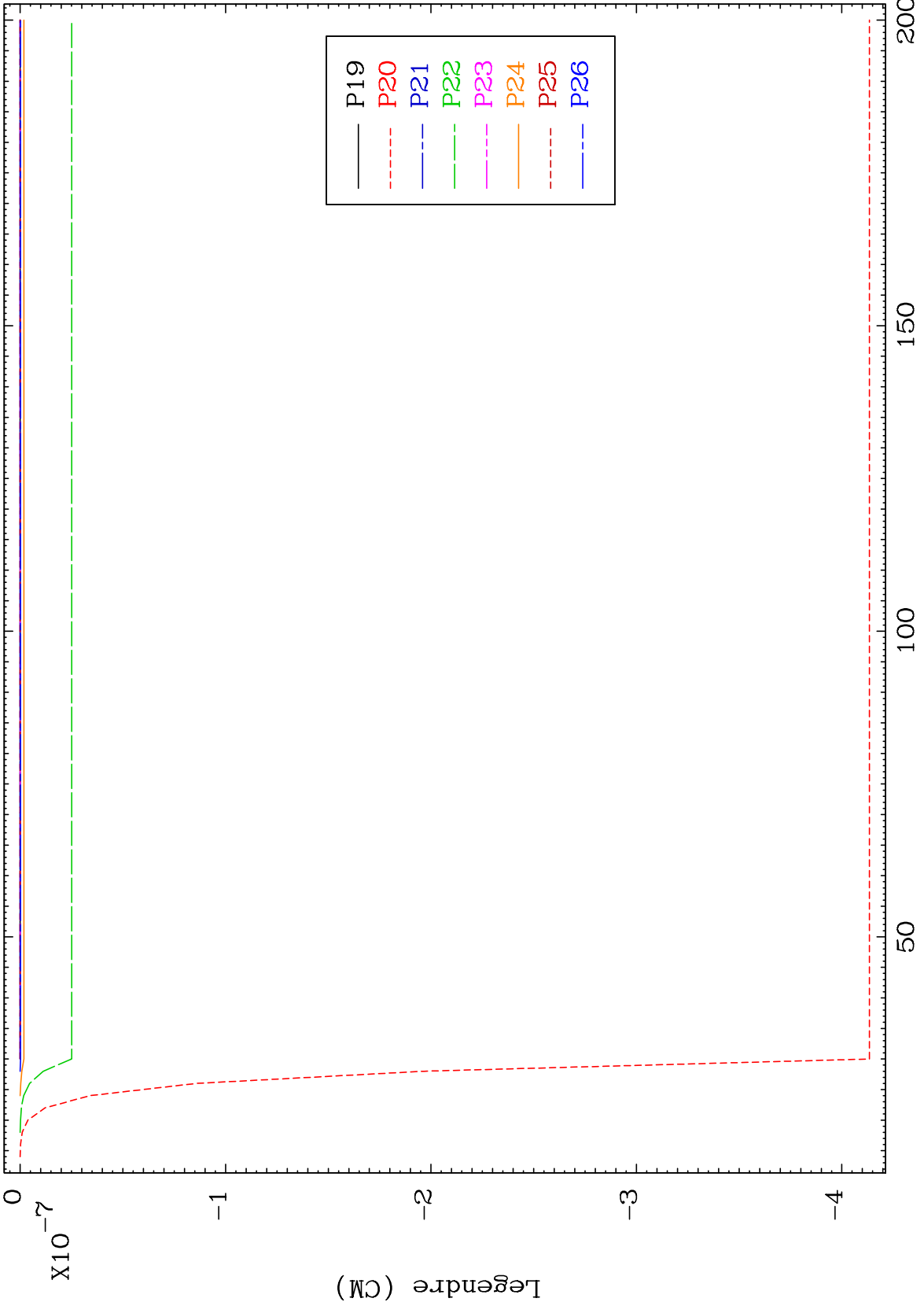


42

Incident Energy (MeV)

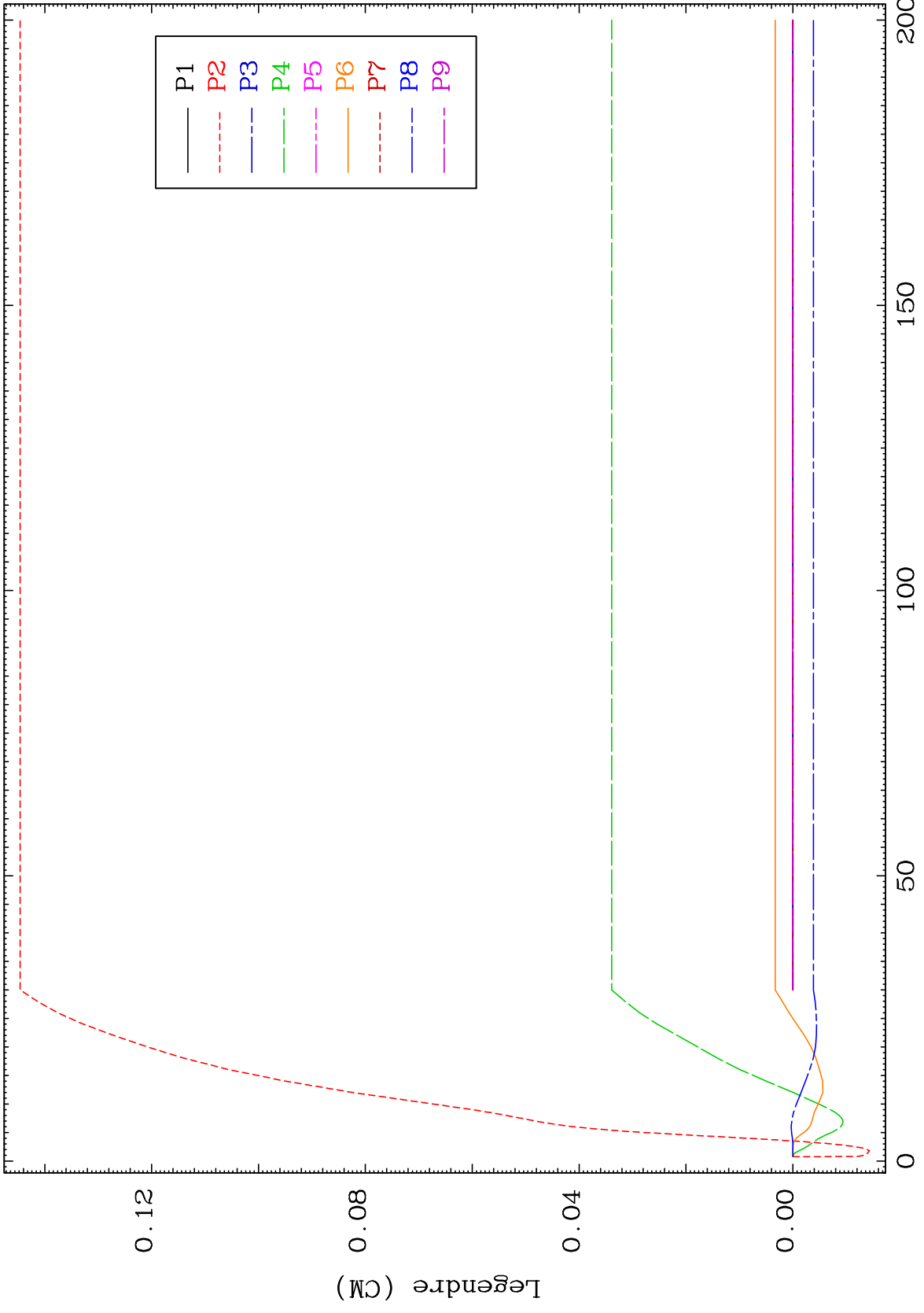
48-Cd-111

MAT 4840 MT= 58 (n,n') Level Legendre Coefficients 48-Cd-111



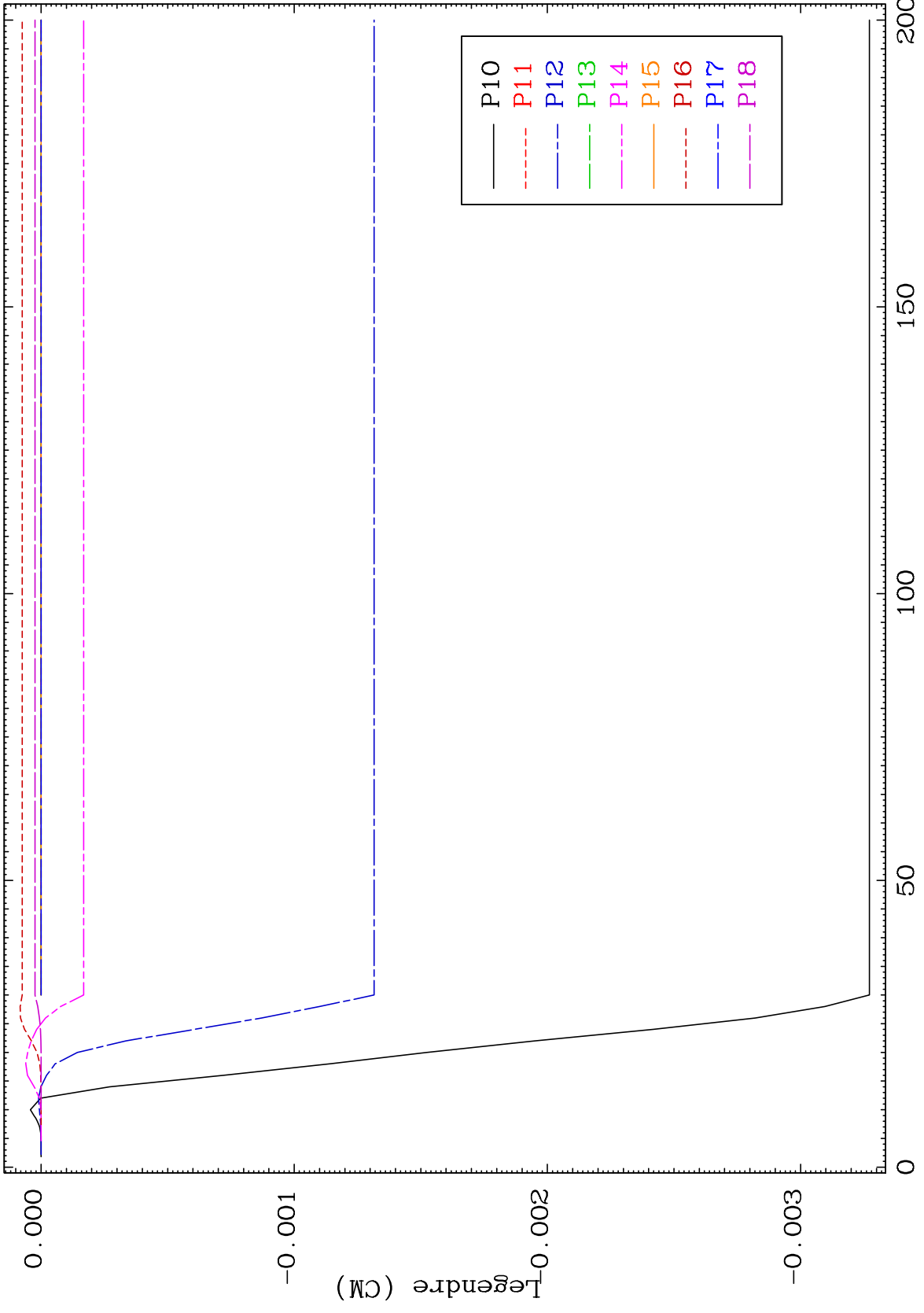
43 Incident Energy (MeV) 48-Cd-111

MAT 4840 MT= 59 (n,n') Level Legendre Coefficients 48-Cd-111



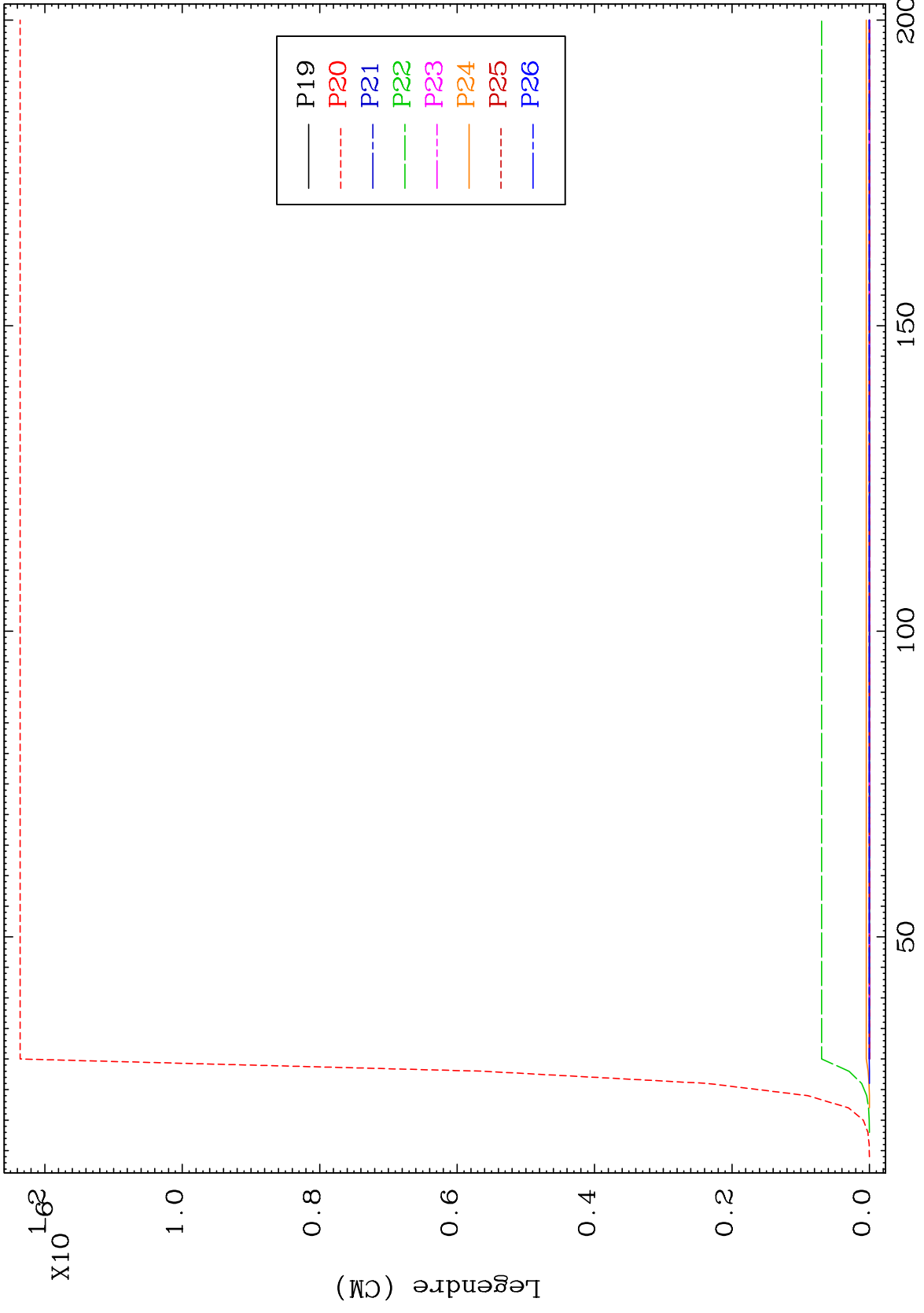
44 48-Cd-111

MAT 4840 MT= 59 (n,n') Level Legendre Coefficients 48-Cd-111



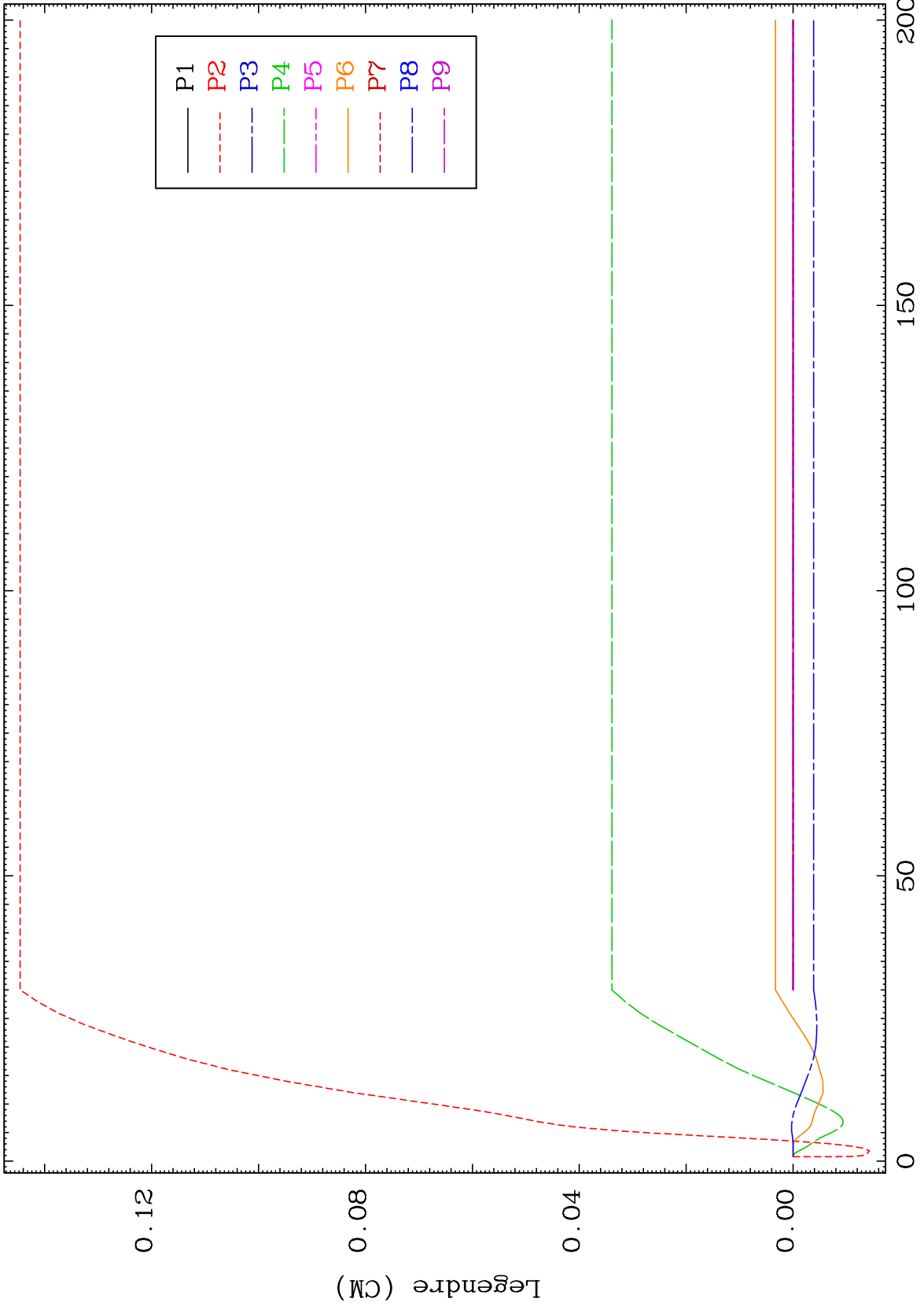
45 48-Cd-111

MAT 4840 MT= 59 (n,n') Level Legendre Coefficients 48-Cd-111



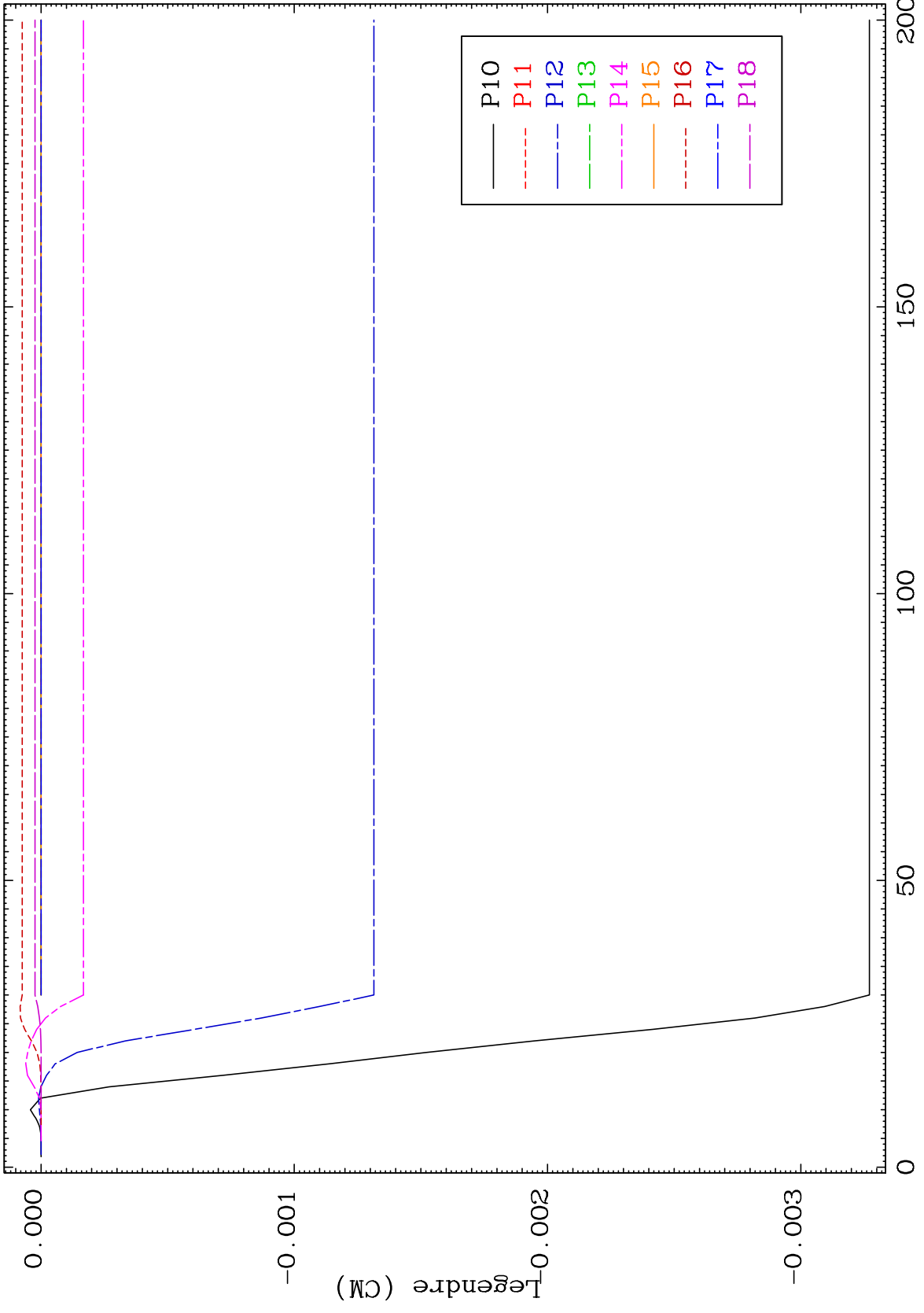
46 Incident Energy (MeV) 48-Cd-111

MAT 4840 MT= 60 (n,n') Level Legendre Coefficients 48-Cd-111



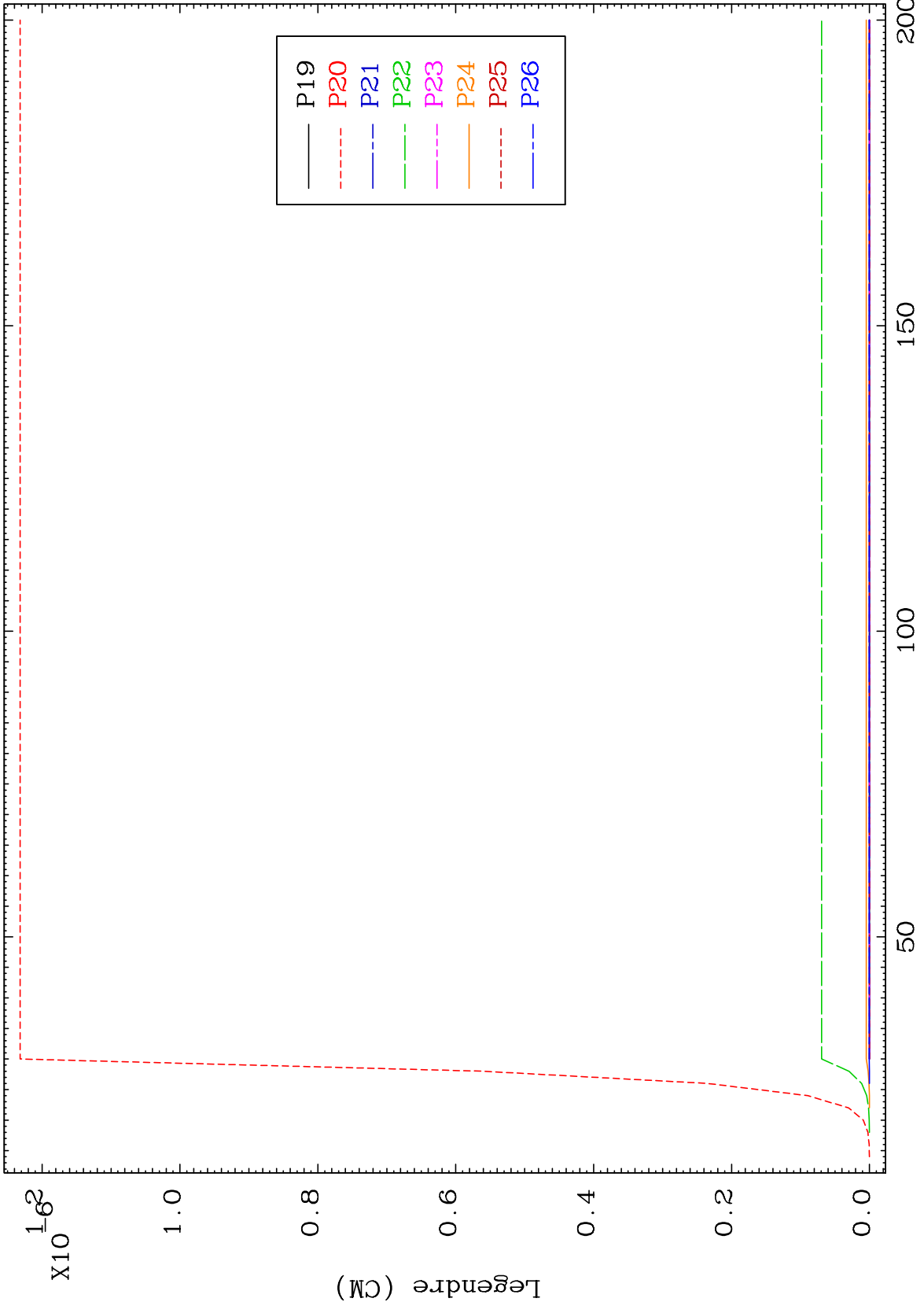
47 48-Cd-111

MAT 4840 MT= 60 (n,n') Level Legendre Coefficients 48-Cd-111



48 48-Cd-111

MAT 4840 MT= 60 (n,n') Level Legendre Coefficients 48-Cd-111

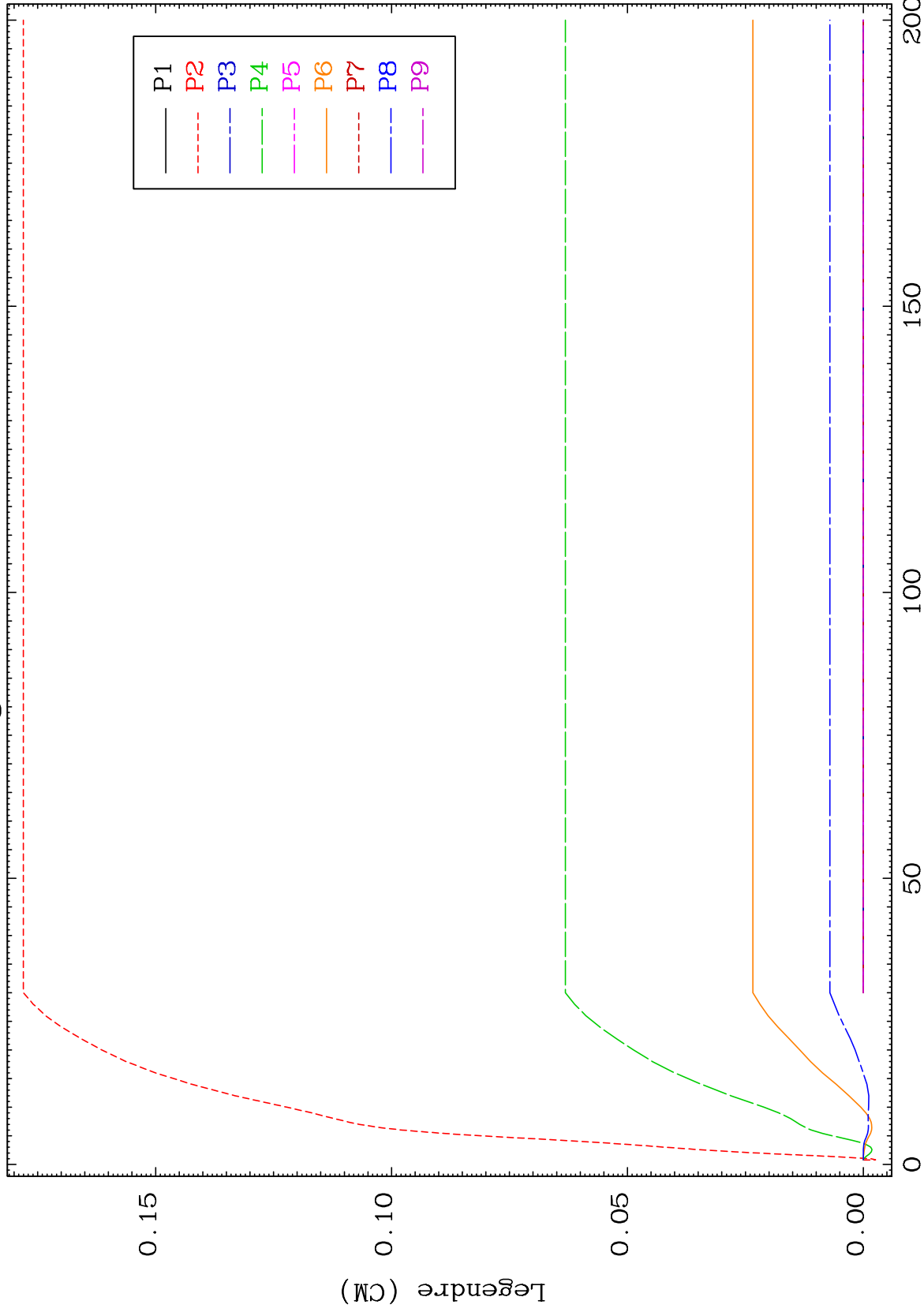


49 Incident Energy (MeV) 48-Cd-111

MAT 4840

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

48-Cd-111



50

50

100

150

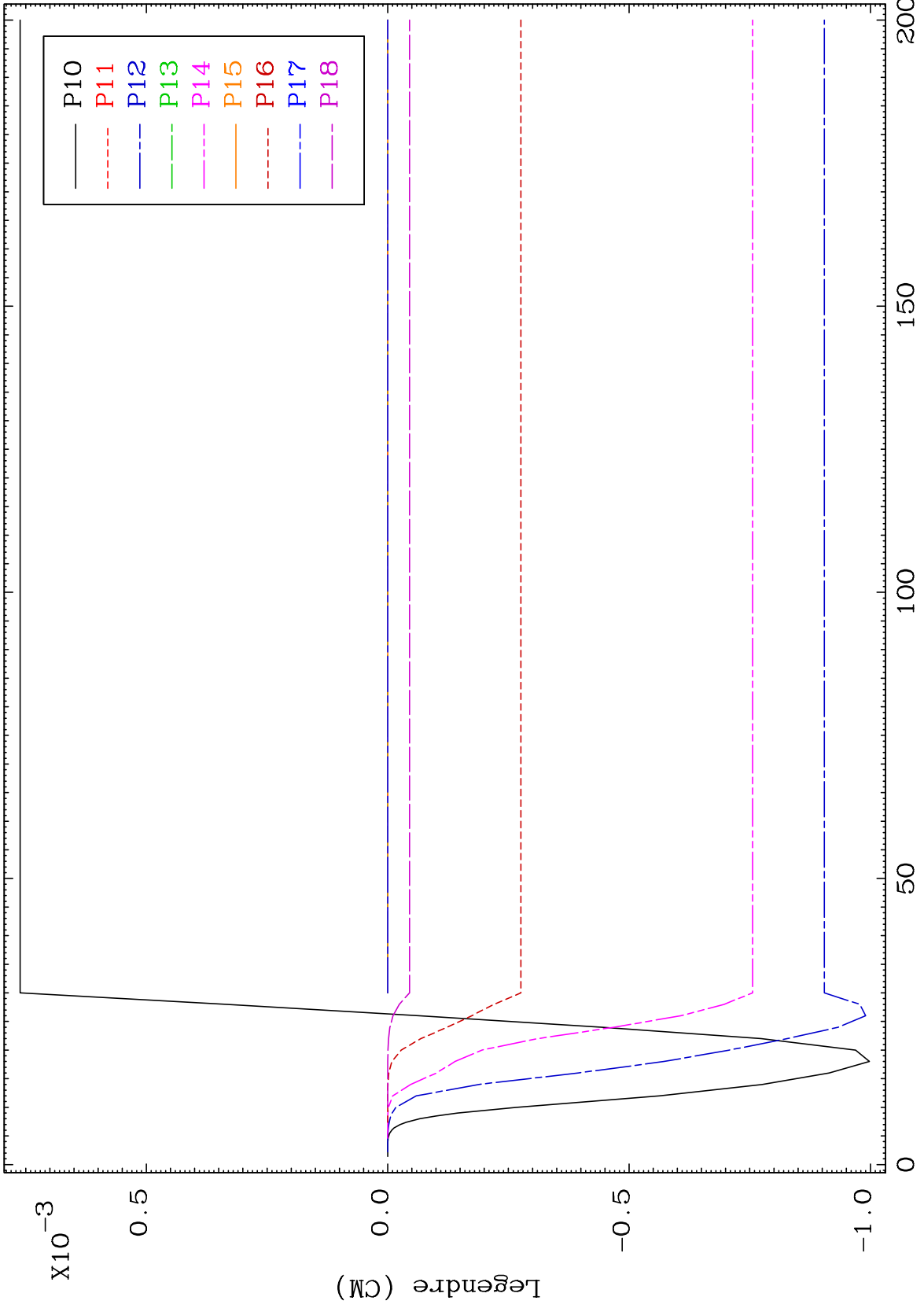
200

48-Cd-111

MAT 4840

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

48-Cd-111



51

48-Cd-111

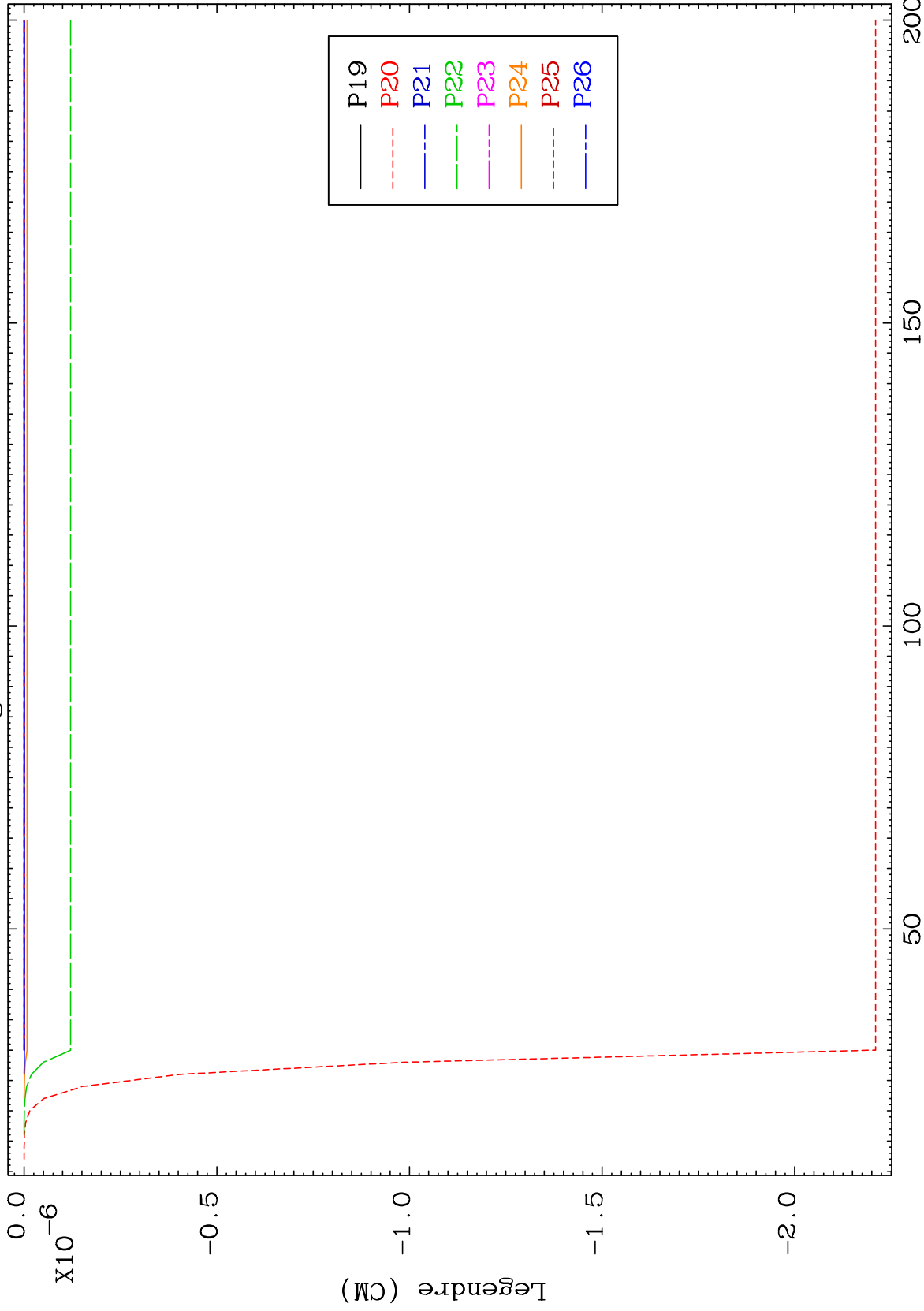
MAT 4840

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

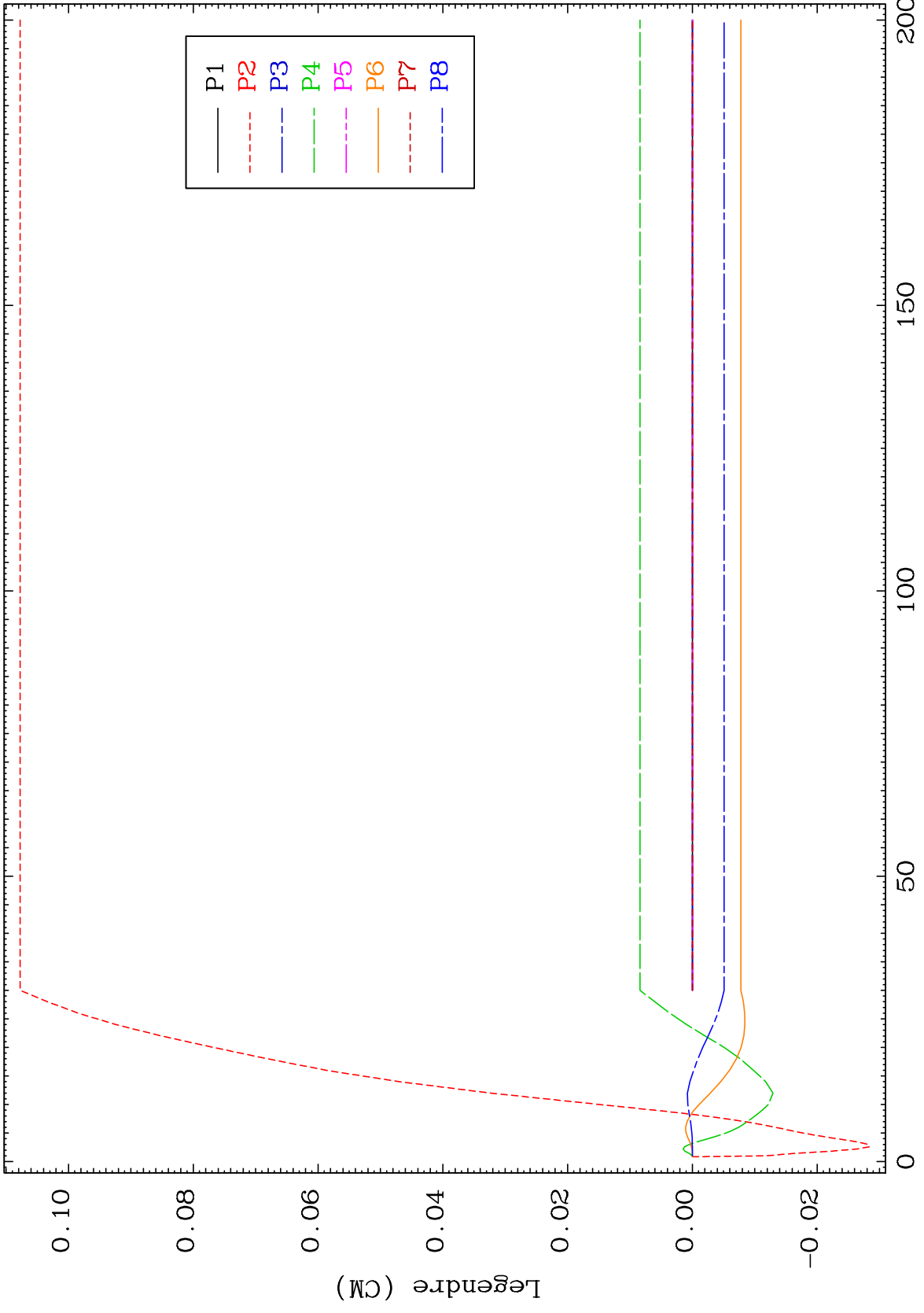
48-Cd-111

Incident Energy (MeV)

52



MAT 4840 MT= 62 (n,n') Level Legendre Coefficients 48-Cd-111

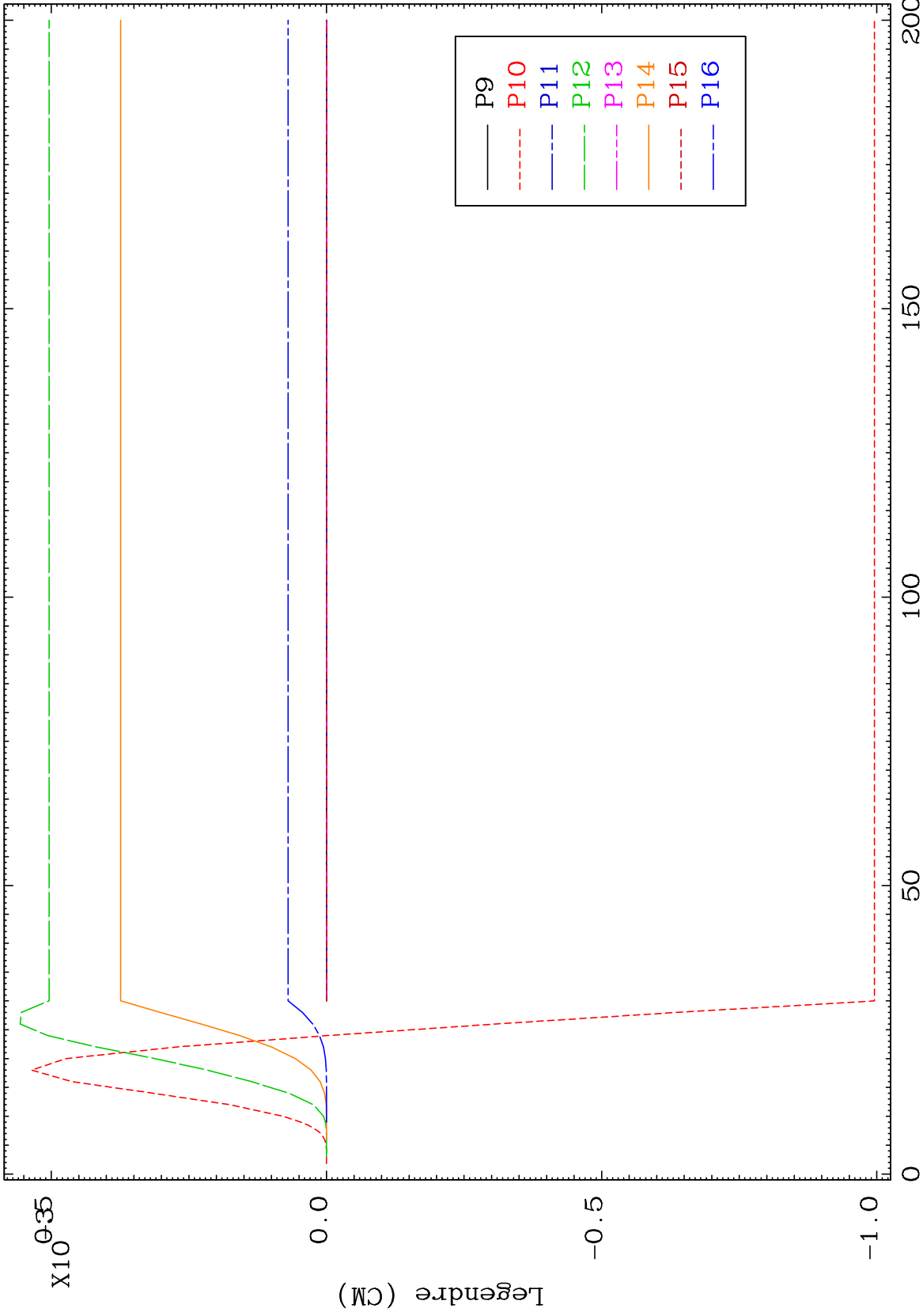


53 48-Cd-111

MAT 4840

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

48-Cd-111

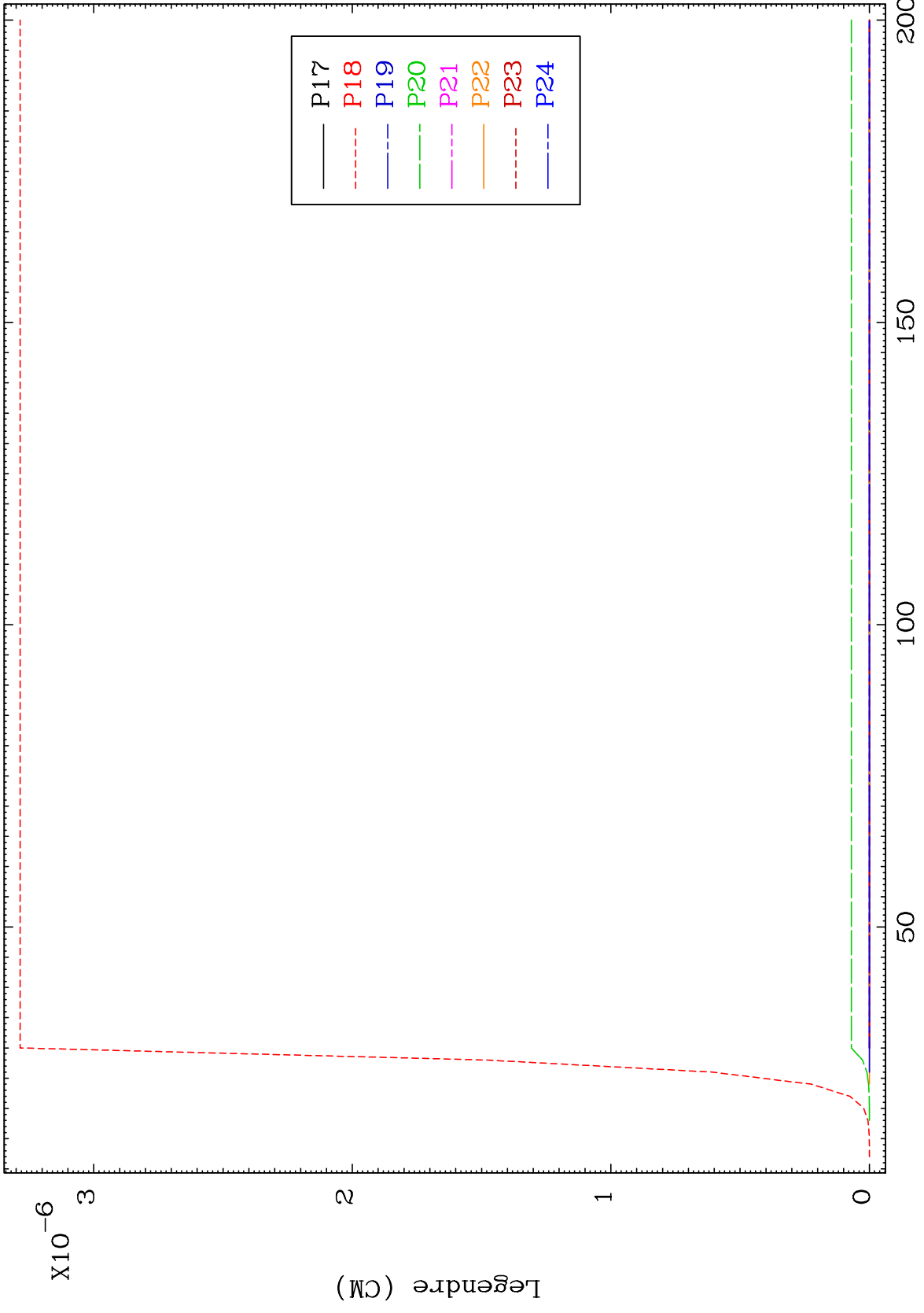


54

Incident Energy (MeV)

48-Cd-111

MAT 4840 MT= 62 (n,n') Level Legendre Coefficients 48-Cd-111

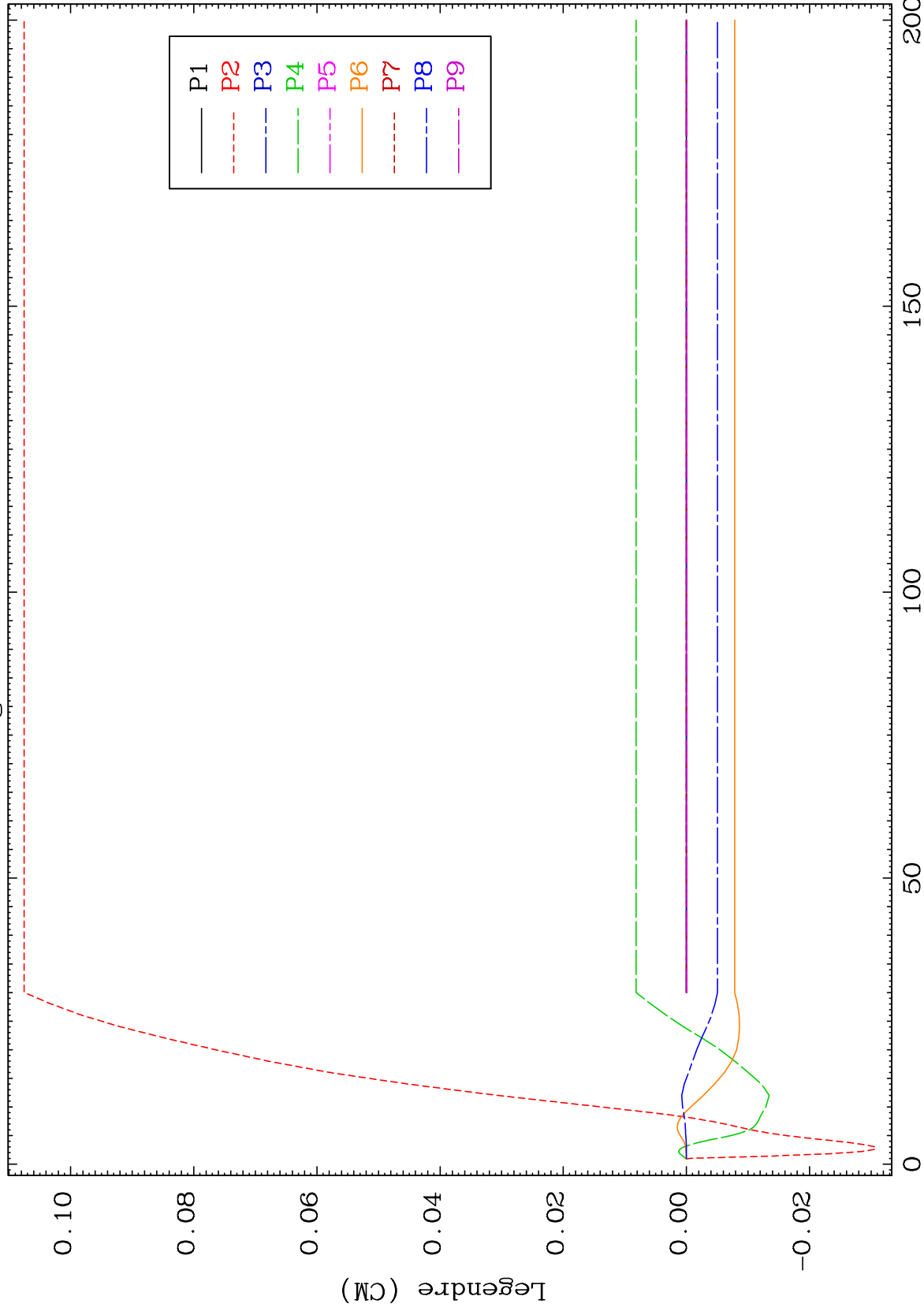


55 Incident Energy (MeV) 48-Cd-111

MAT 4840

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

48-Cd-111



56

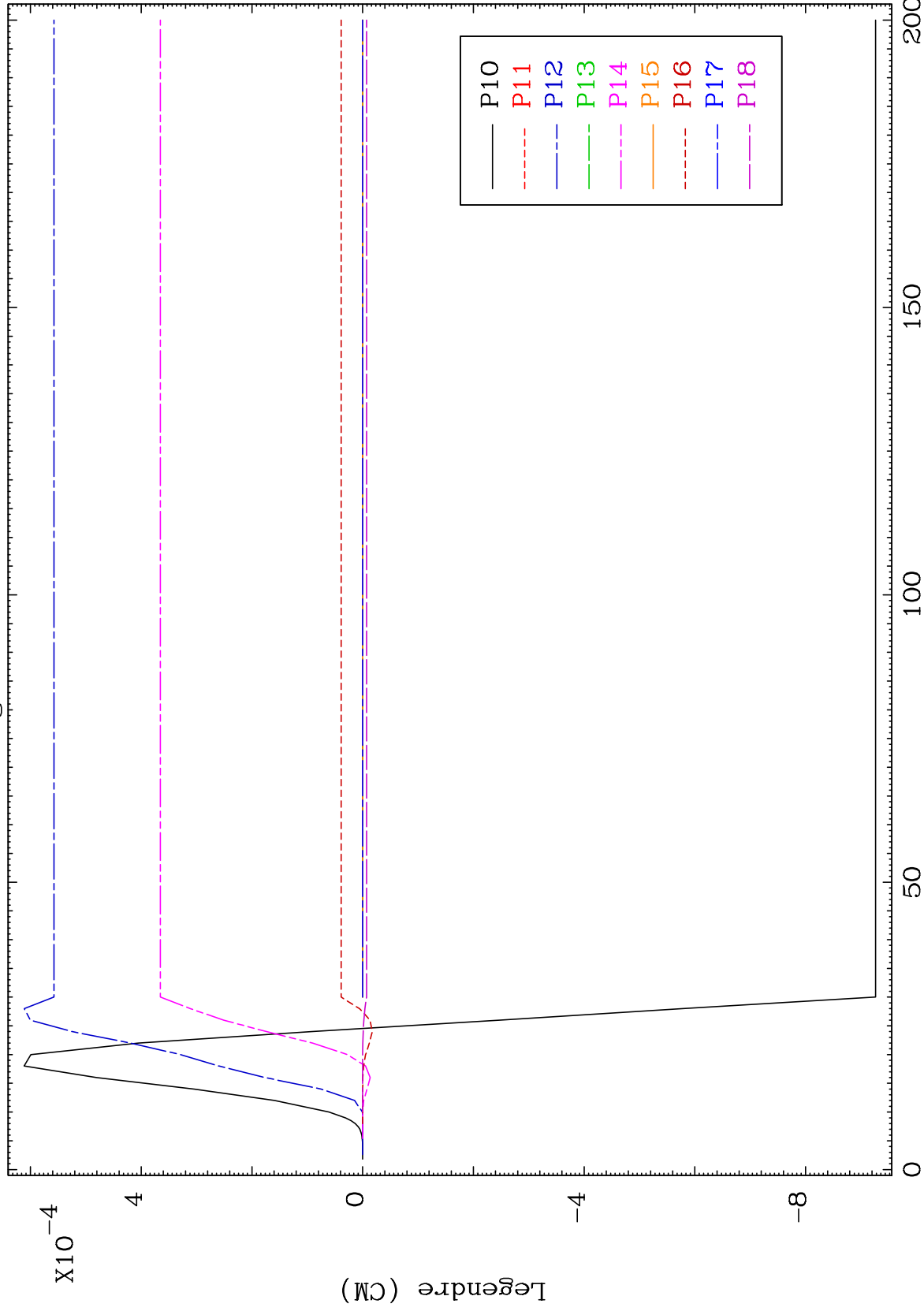
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

48-Cd-111

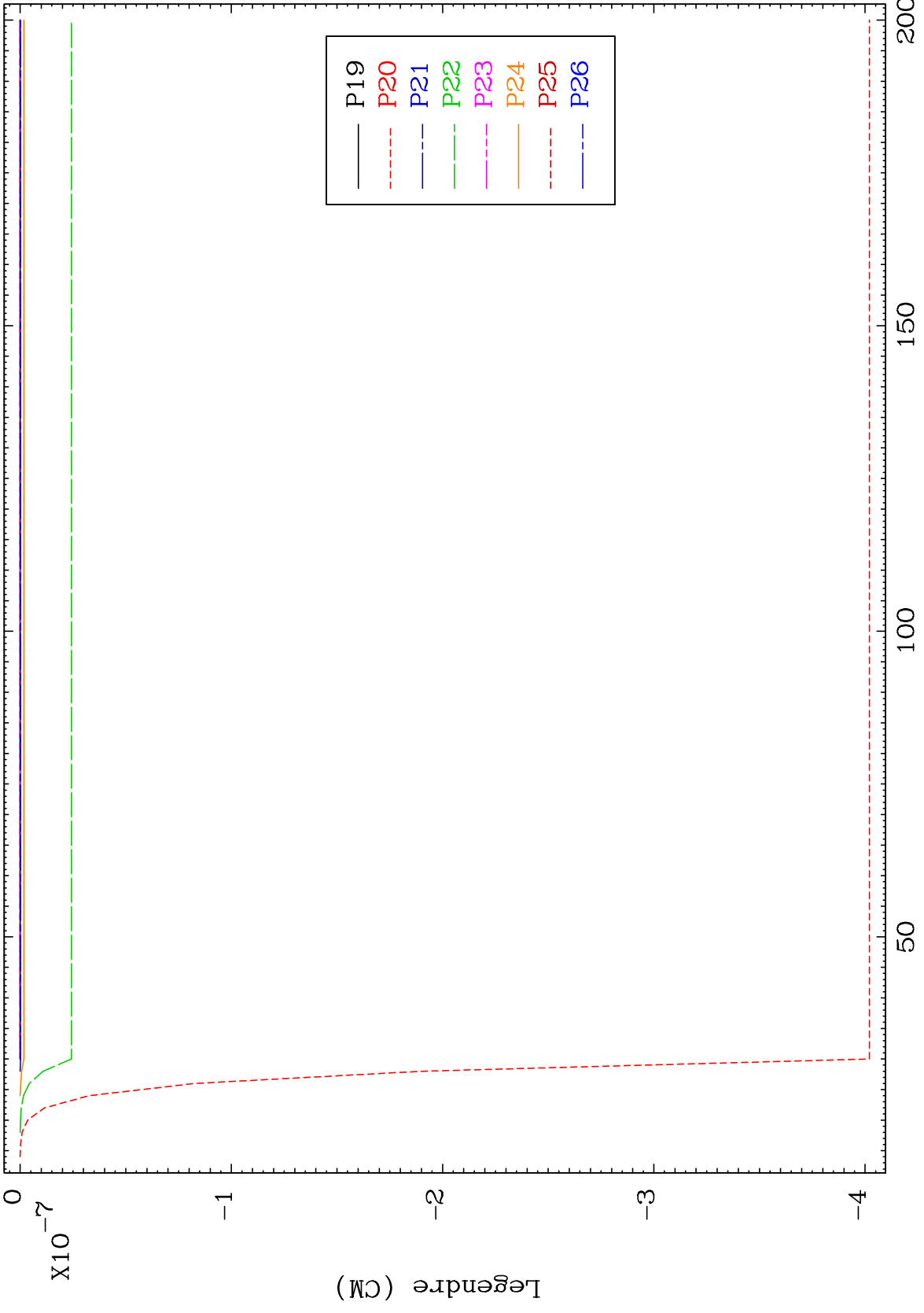


57

Incident Energy (MeV)

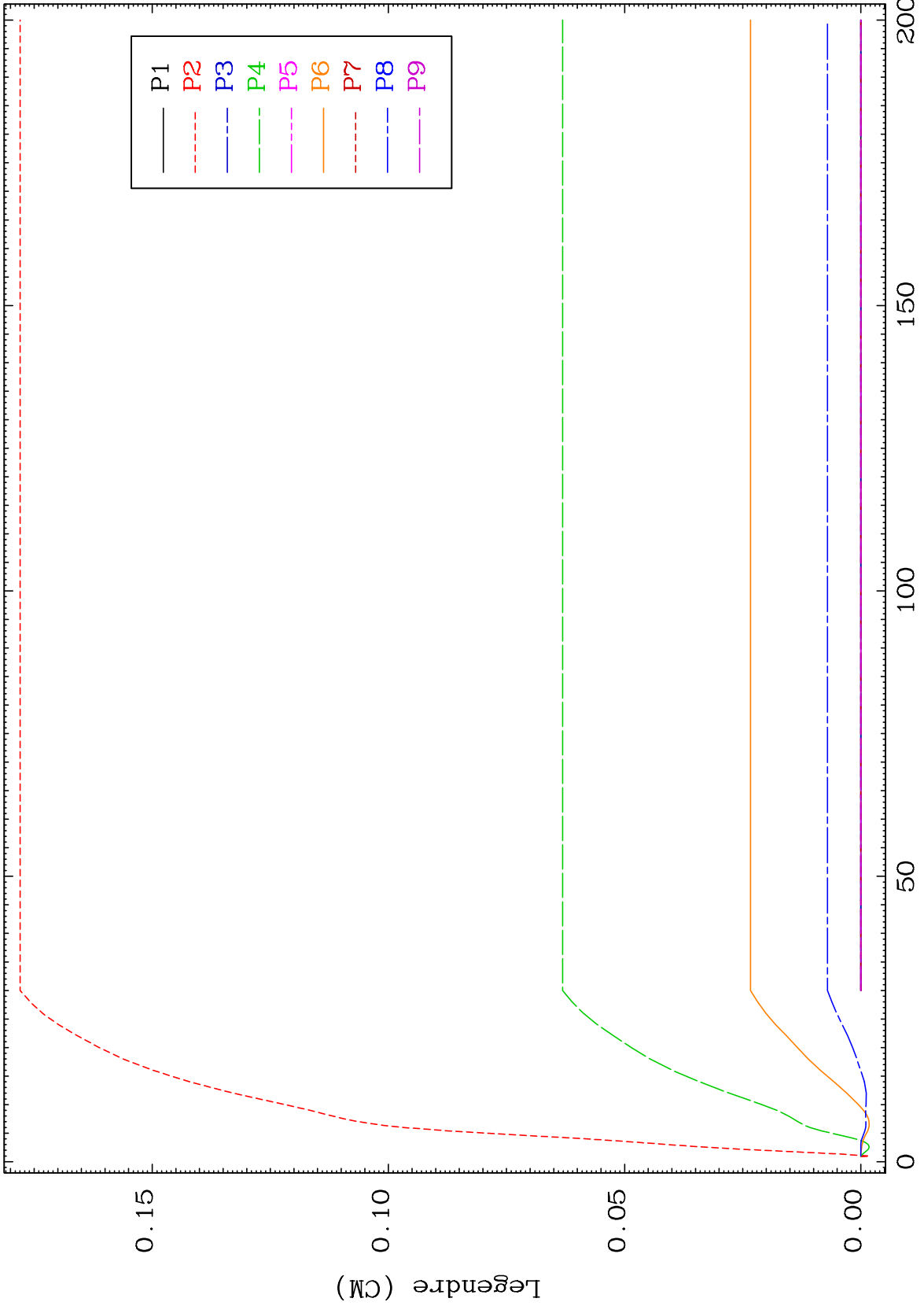
48-Cd-111

MAT 4840 MT= 63 (n,n') Level Legendre Coefficients 48-Cd-111



58 Incident Energy (MeV) 48-Cd-111

MAT 4840 MT= 64 (n,n') Level Legendre Coefficients 48-Cd-111

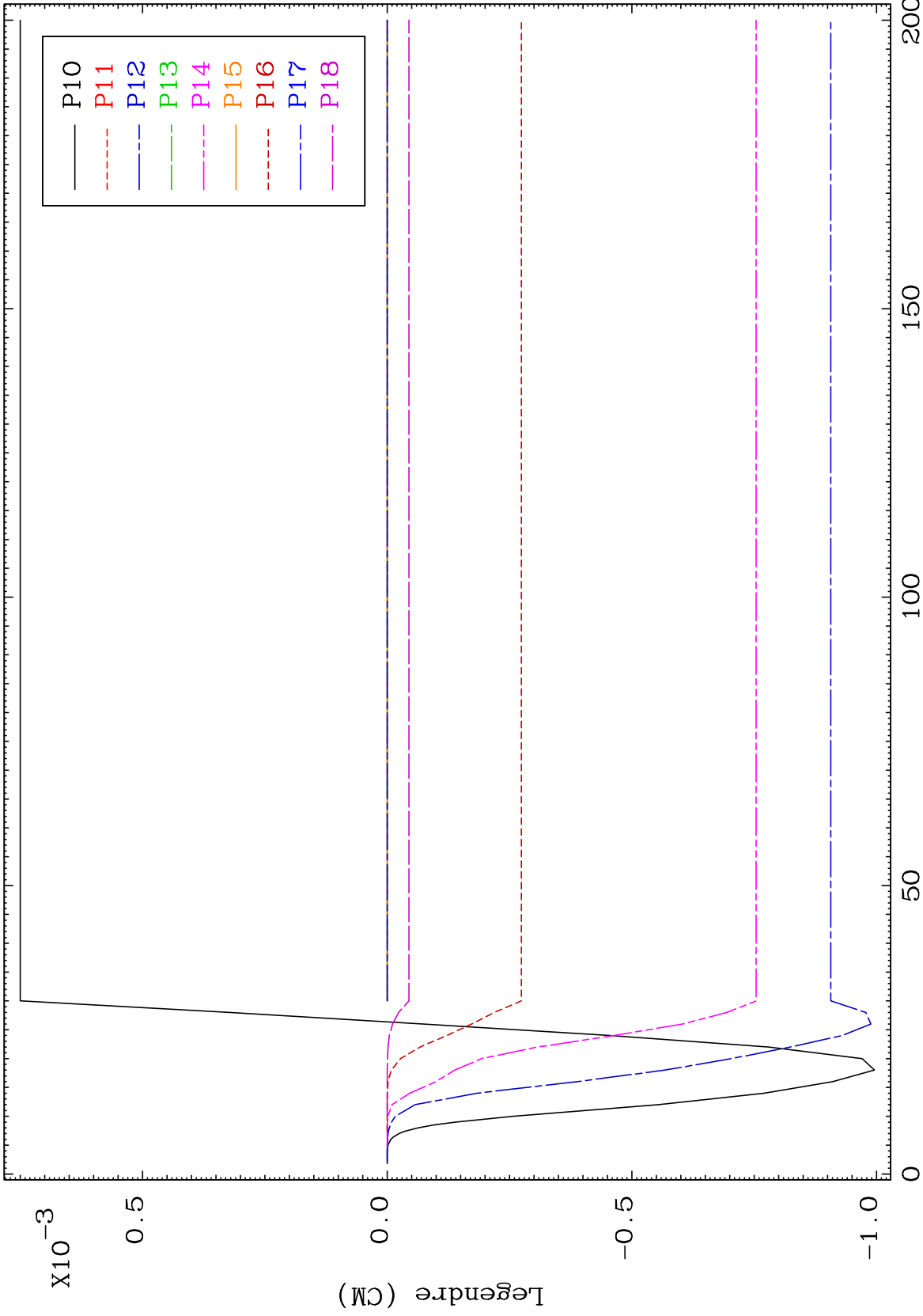


59 48-Cd-111

MAT 4840

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

48-Cd-111



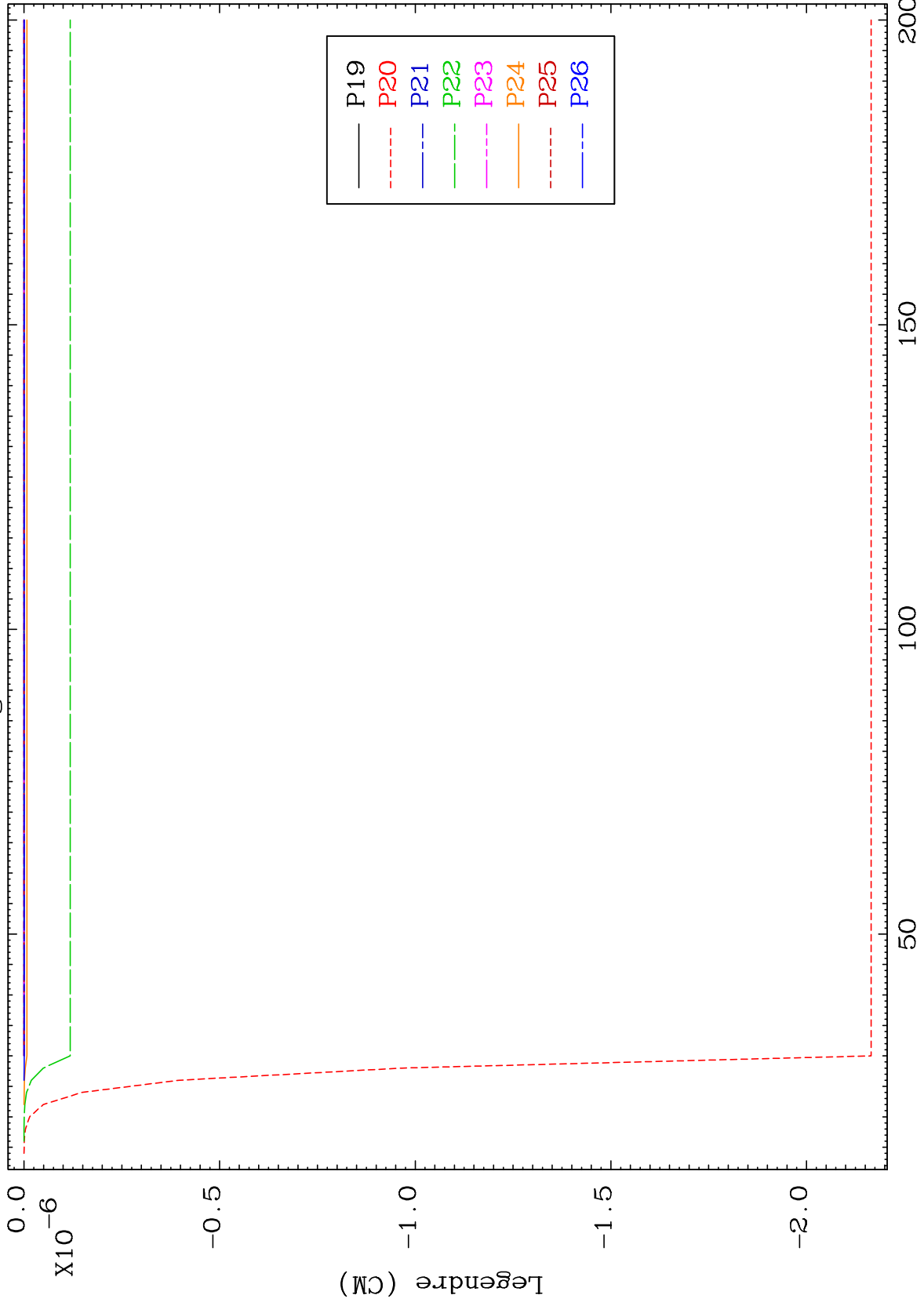
48-Cd-111

Incident Energy (MeV)

MAT 4840

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

48-Cd-111

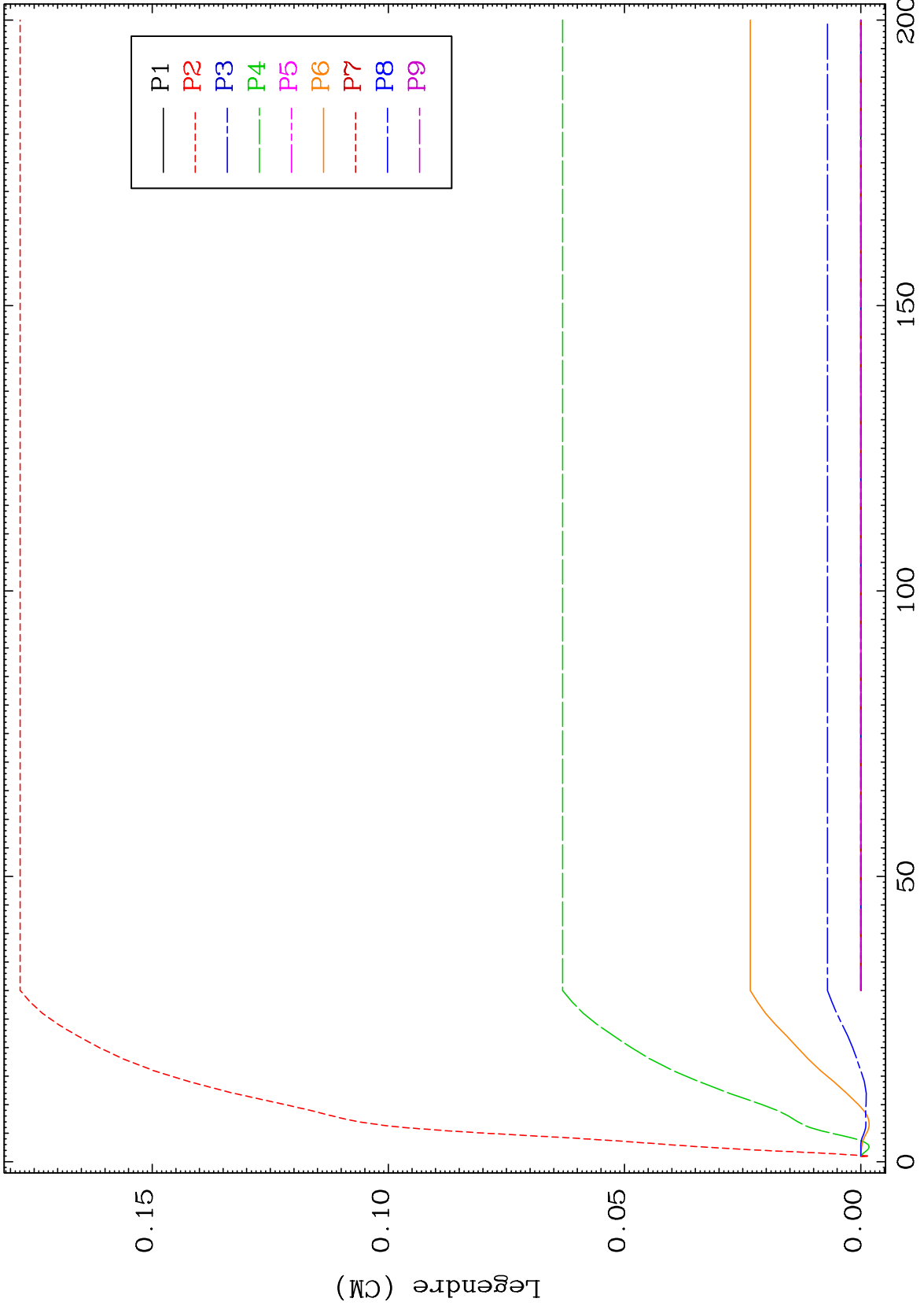


48-Cd-111

Incident Energy (MeV)

61

MAT 4840 MT= 65 (n,n') Level Legendre Coefficients 48-Cd-111

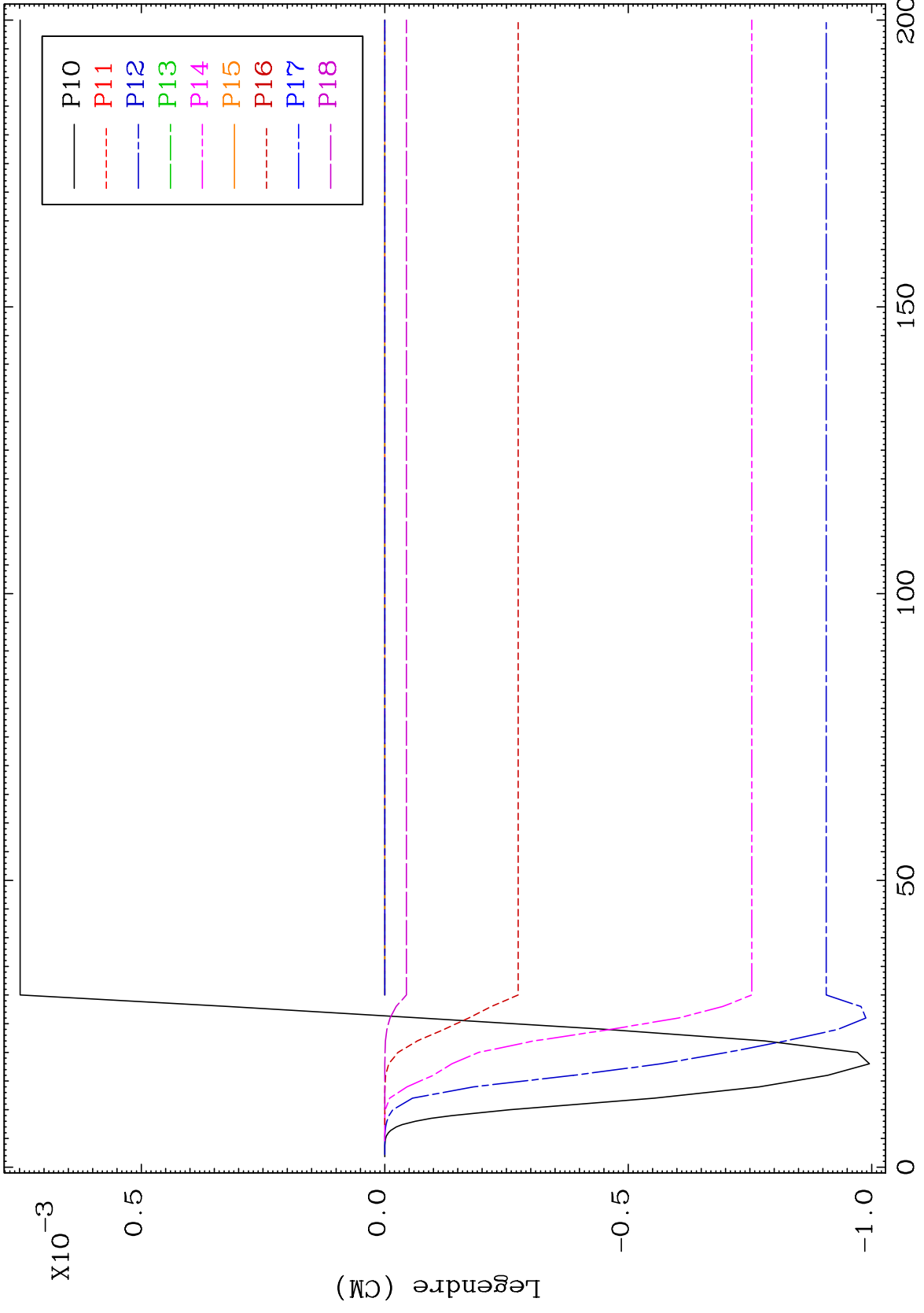


62 48-Cd-111

MAT 4840

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

48-Cd-111



63

Incident Energy (MeV)

48-Cd-111

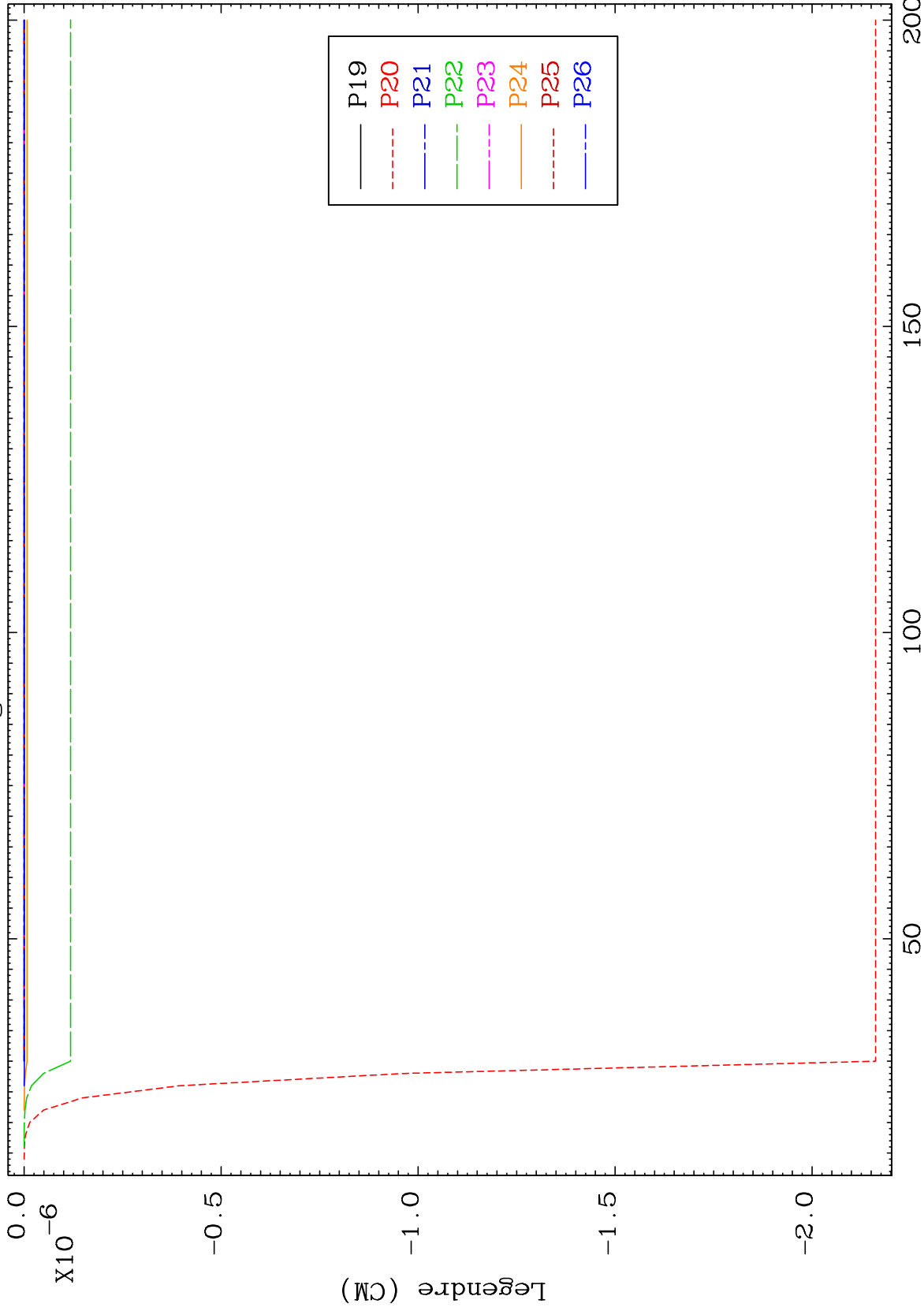
MAT 4840

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

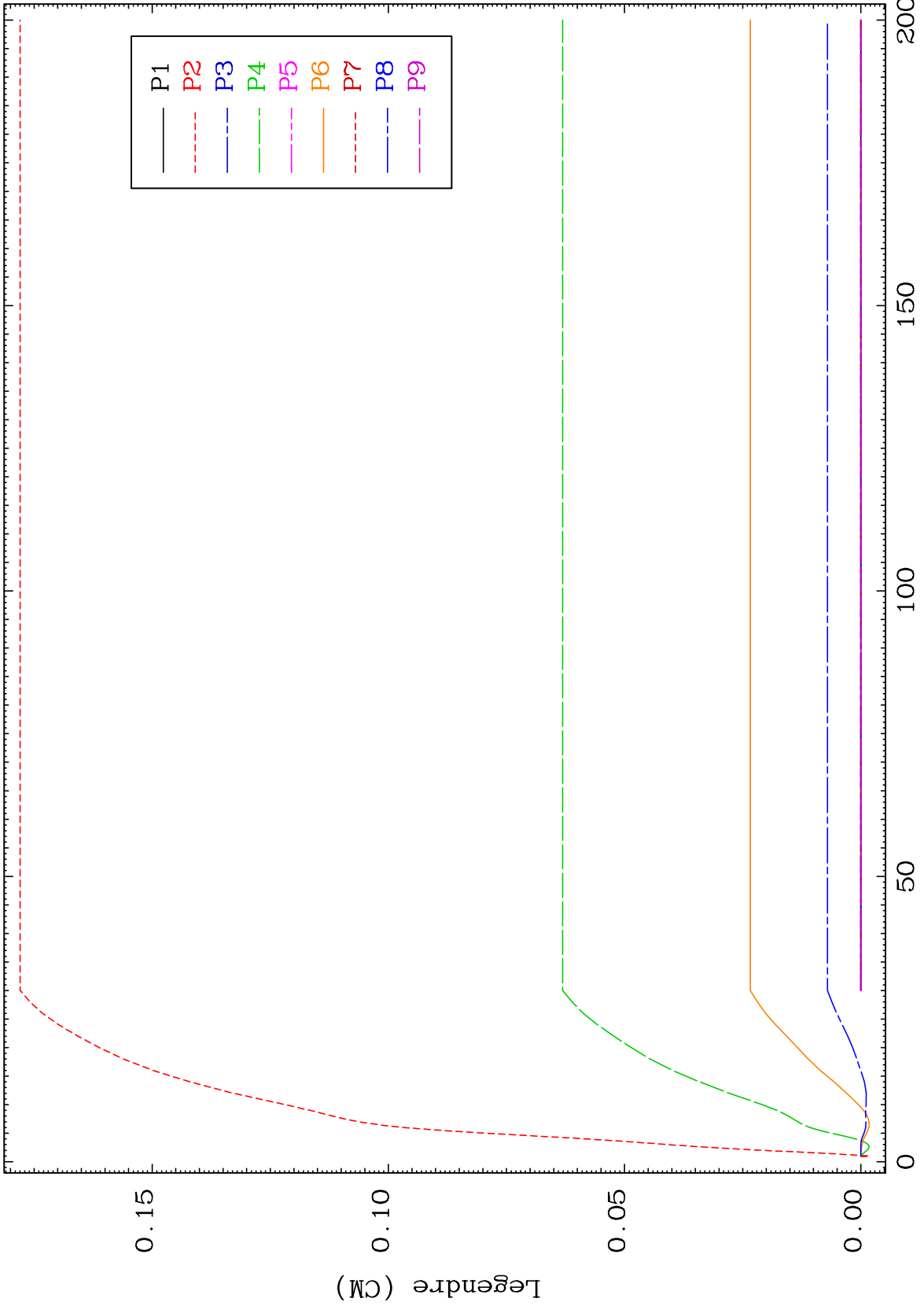
48-Cd-111

Incident Energy (MeV)

64



MAT 4840 MT= 66 (n,n') Level Legendre Coefficients 48-Cd-111

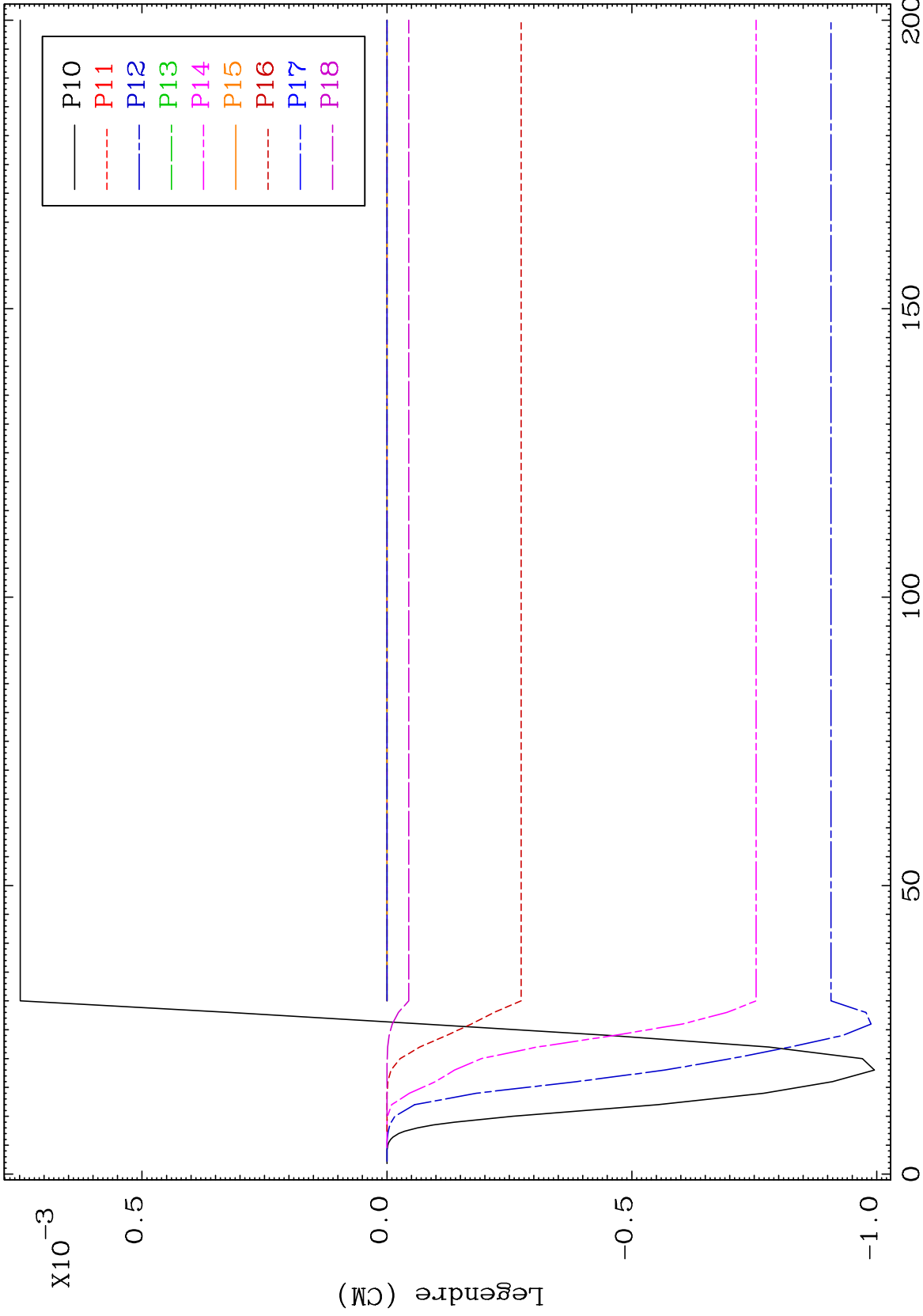


65 Incident Energy (MeV) 48-Cd-111

MAT 4840

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

48-Cd-111



66

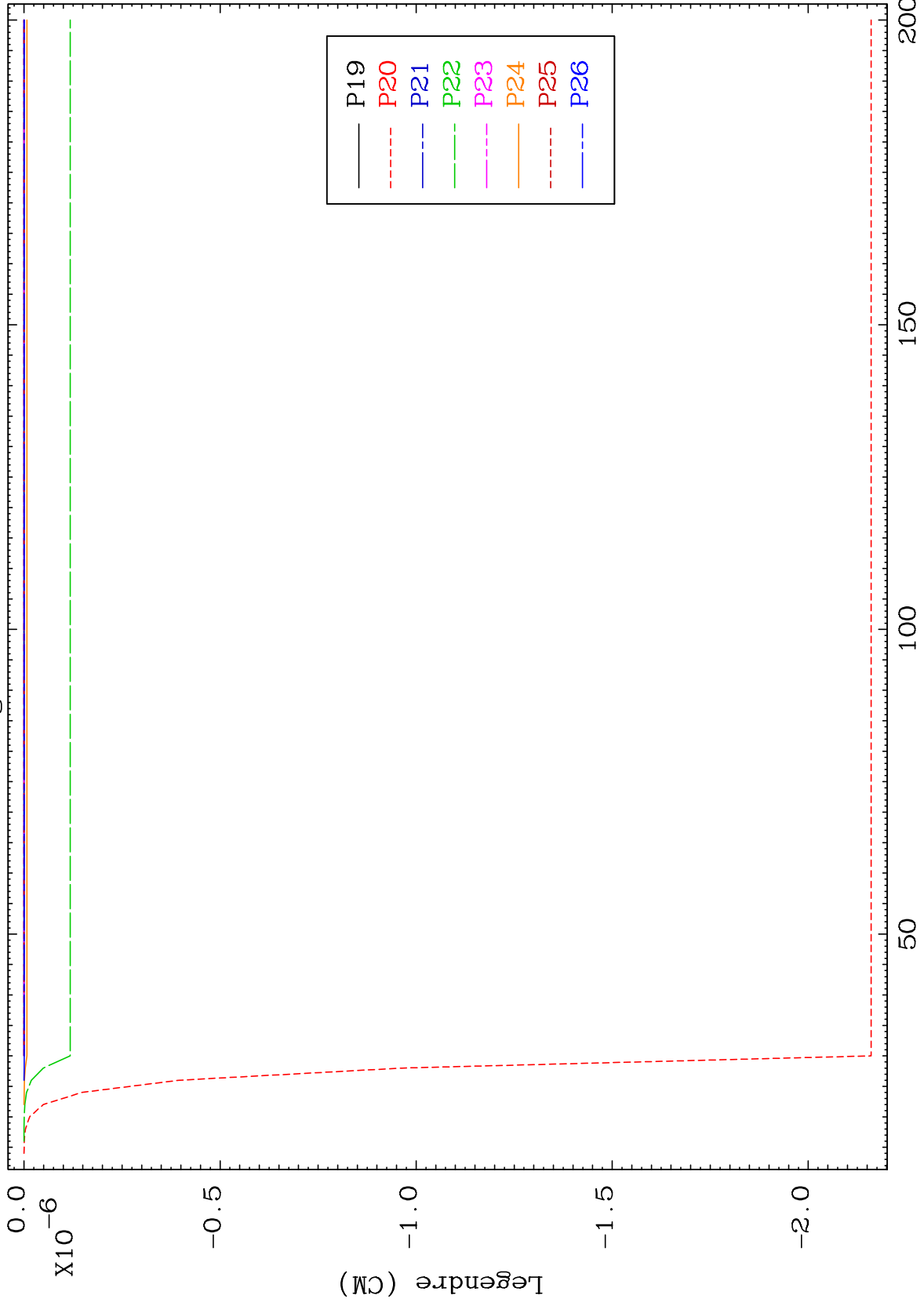
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

48-Cd-111



48-Cd-111

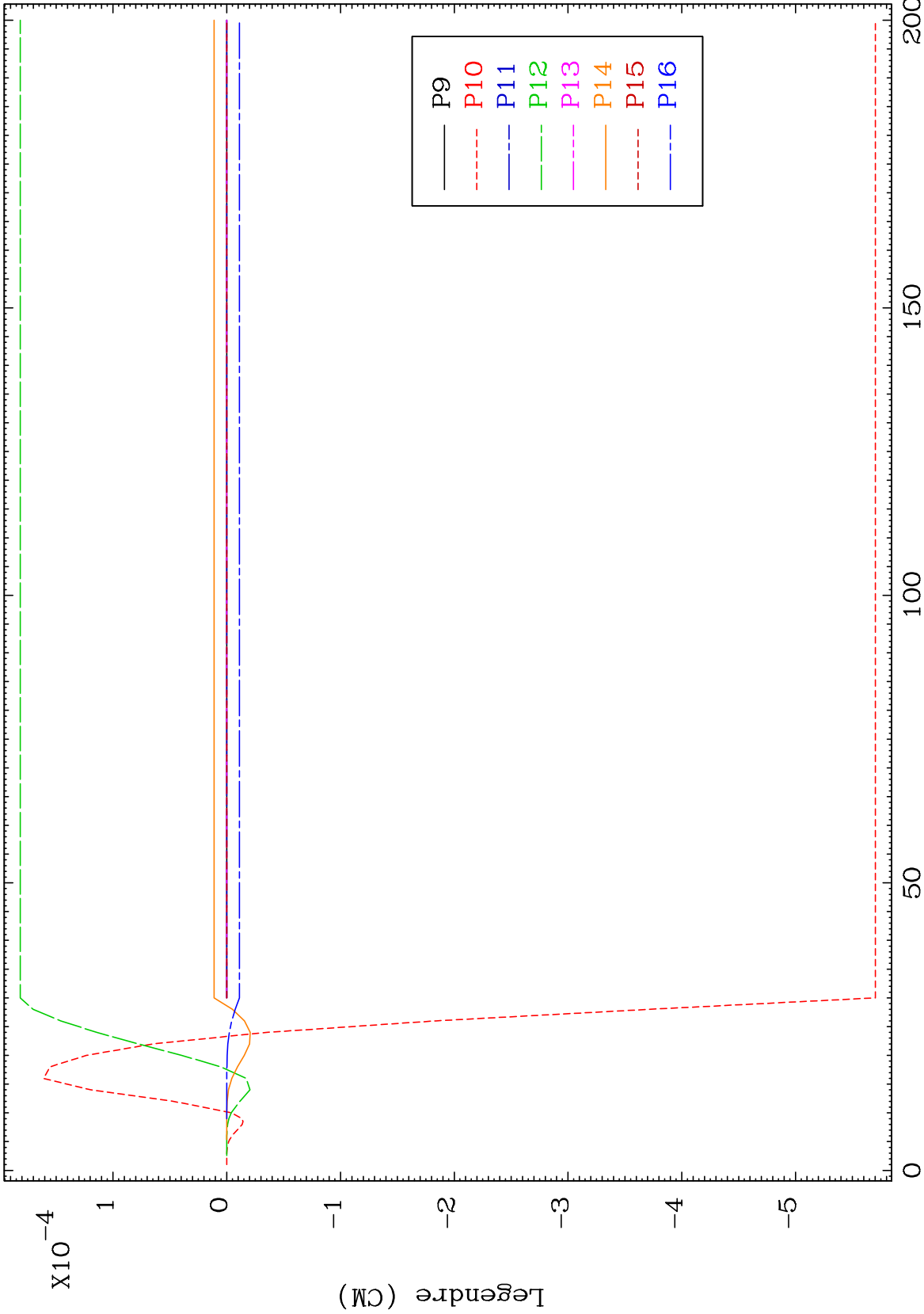
Incident Energy (MeV)

67

MAT 4840

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

48-Cd-111

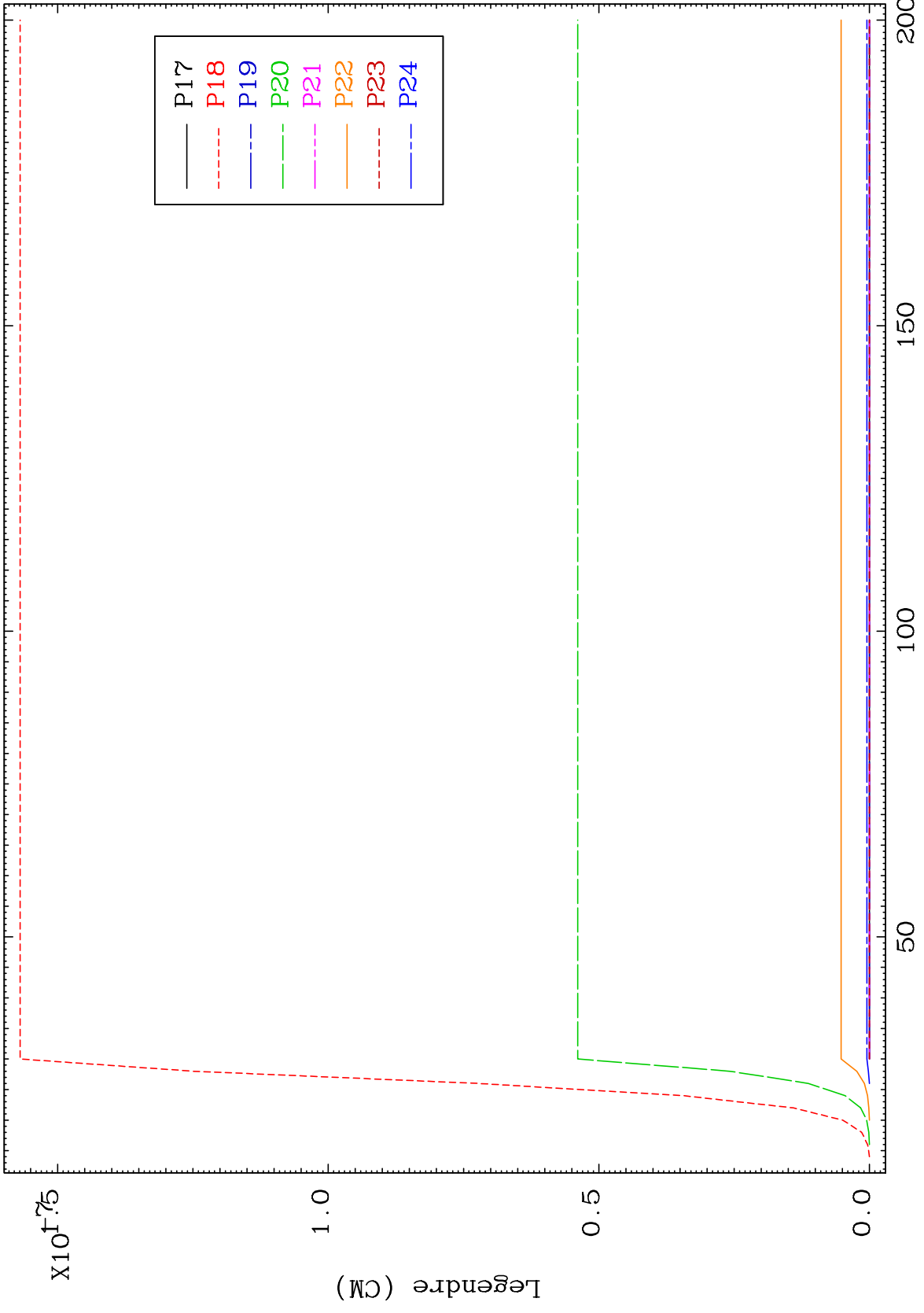


69

Incident Energy (MeV)

48-Cd-111

MAT 4840 MT= 67 (n,n') Level Legendre Coefficients 48-Cd-111

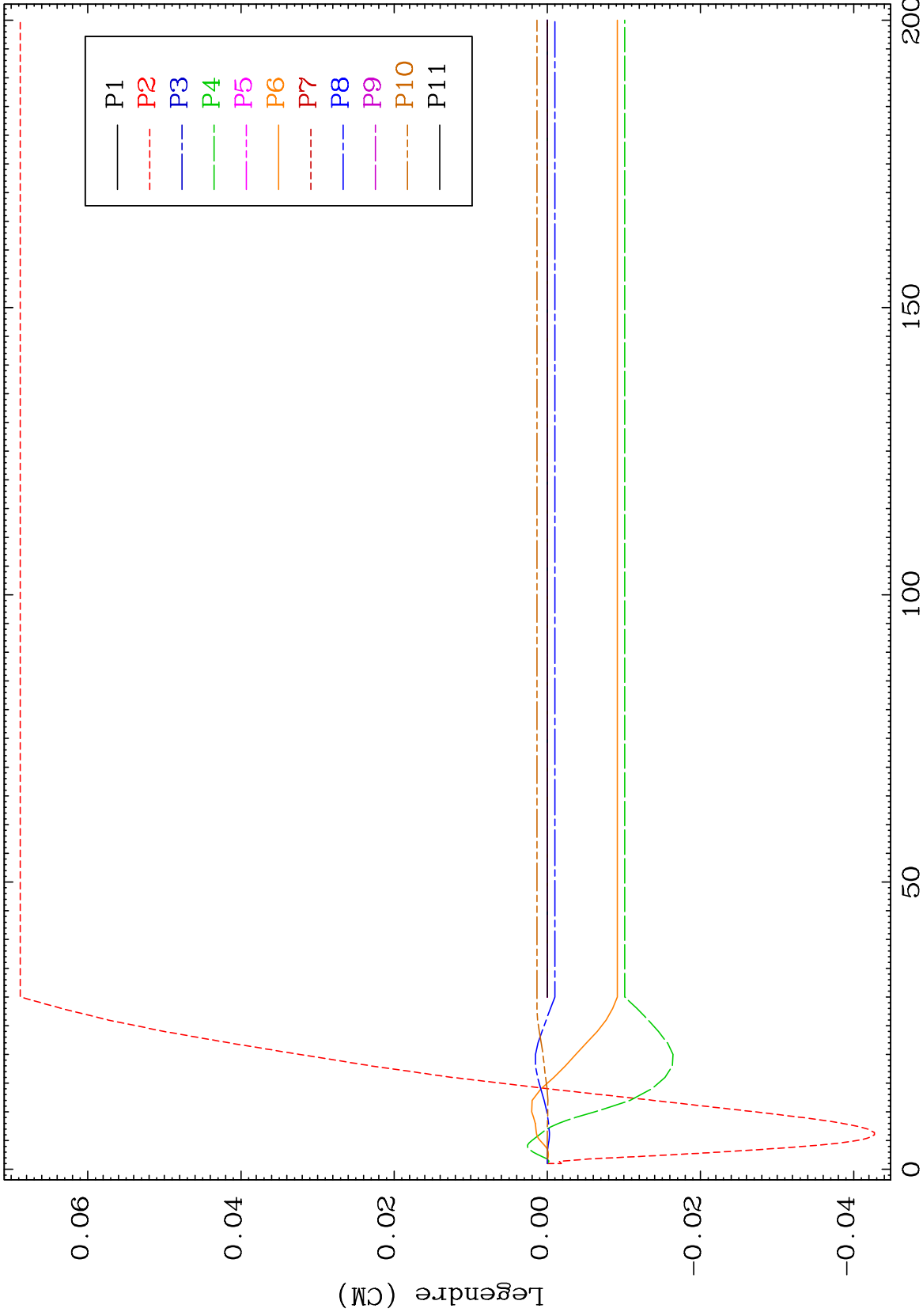


70 50 100 150 200 Incident Energy (MeV) 48-Cd-111

MAT 4840

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

48-Cd-111



71

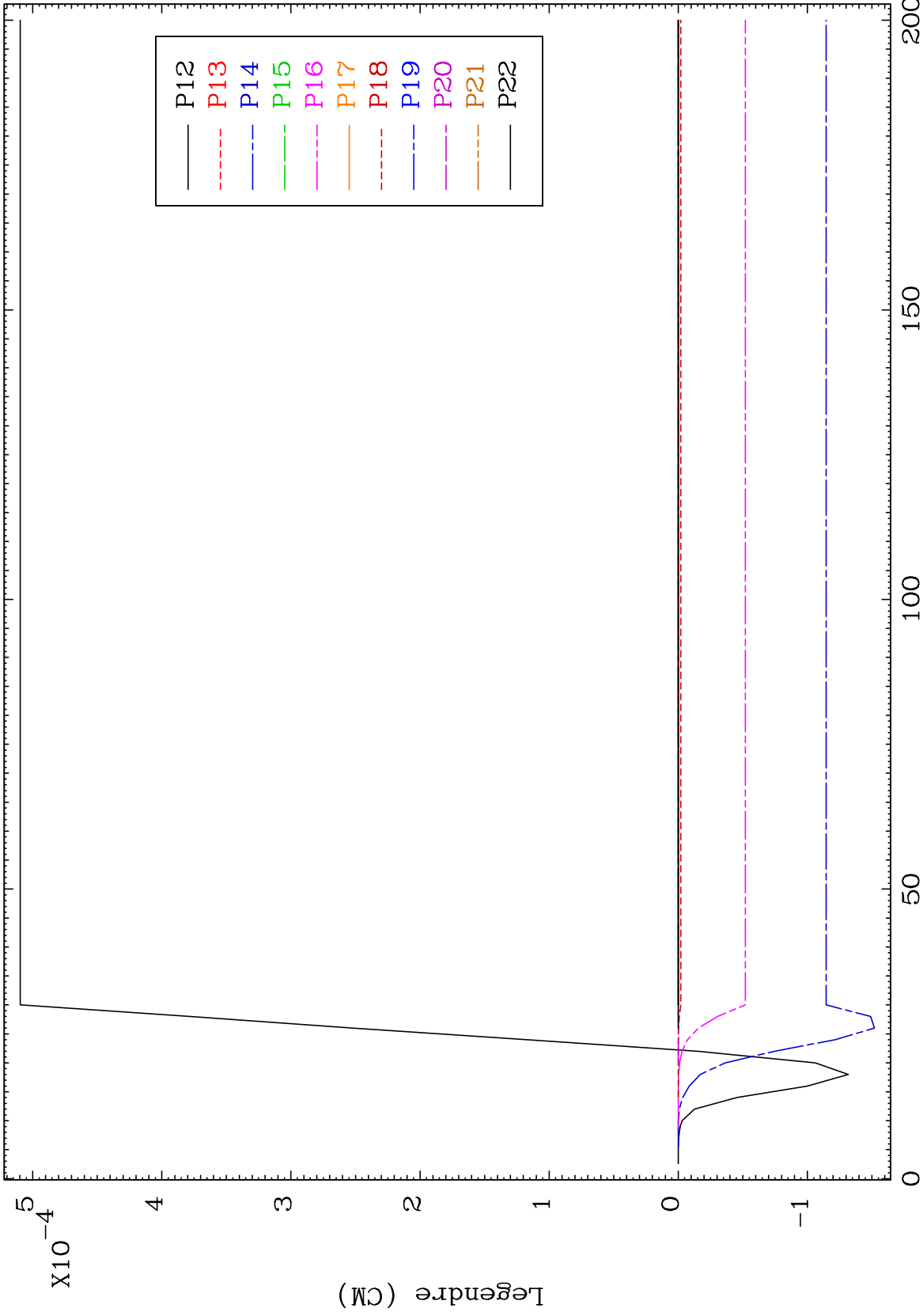
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

48-Cd-111

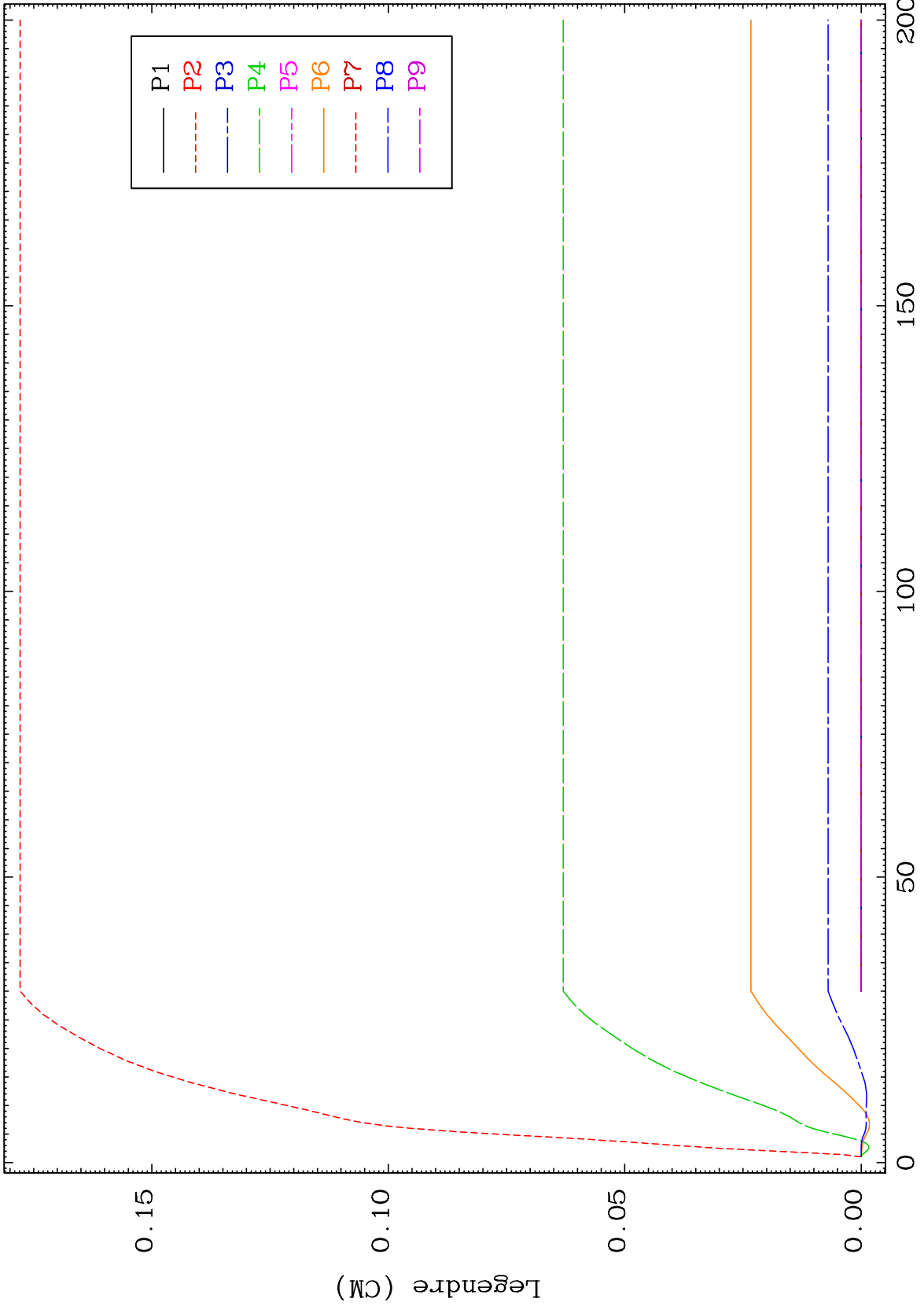


72

Incident Energy (MeV)

48-Cd-111

MAT 4840 MT= 69 (n,n') Level Legendre Coefficients 48-Cd-111

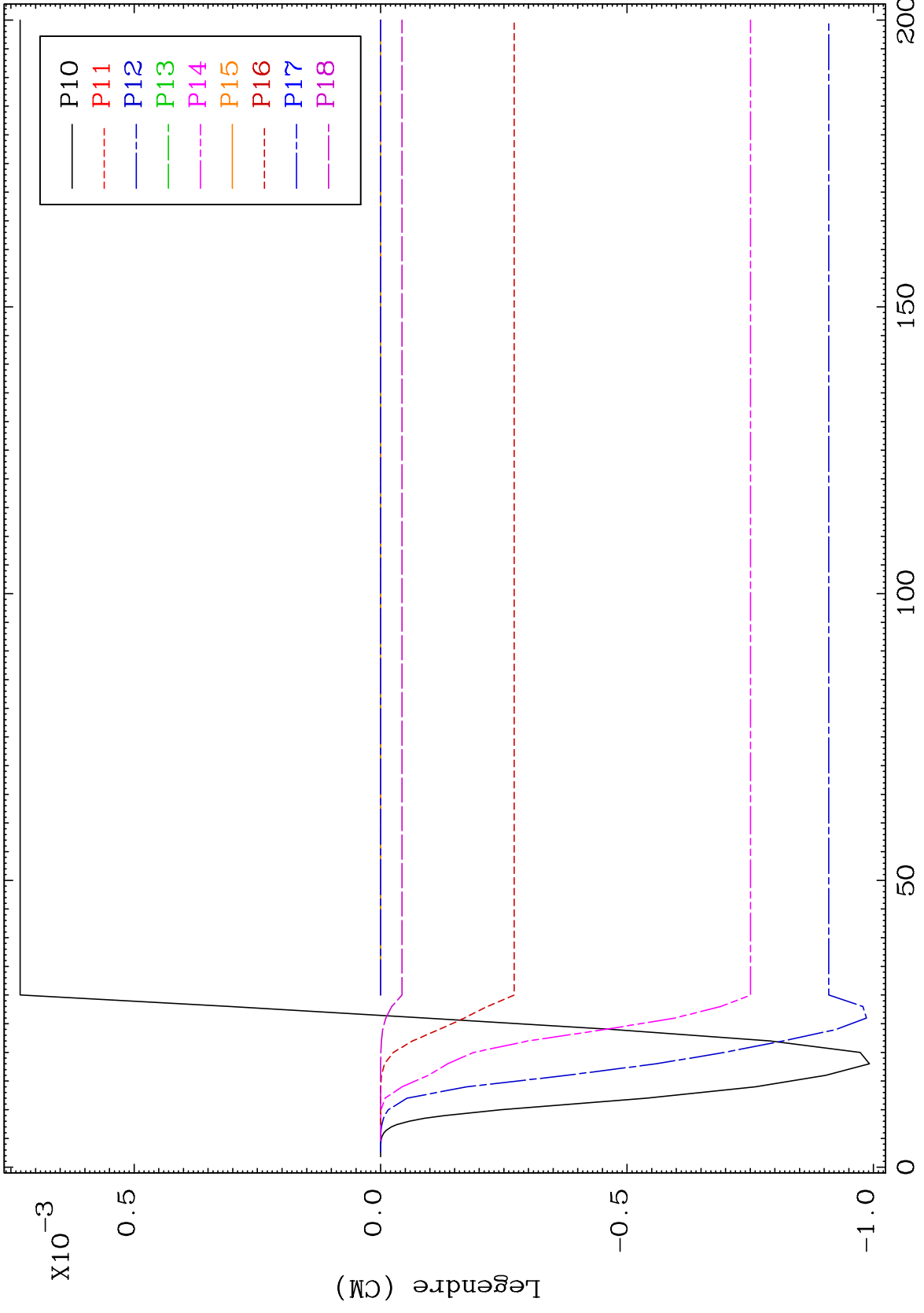


73 48-Cd-111

MAT 4840

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

48-Cd-111



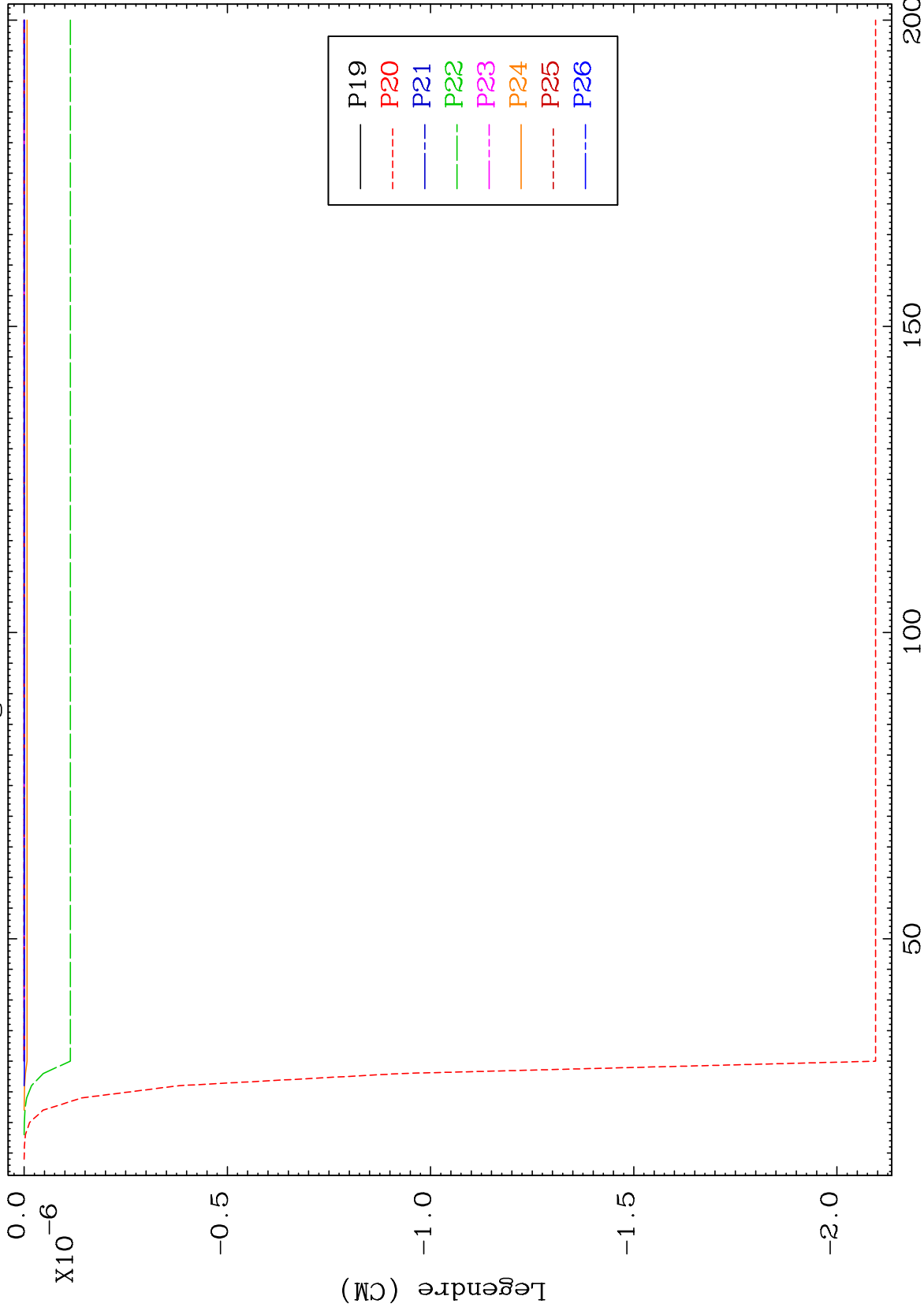
74

48-Cd-111

MAT 4840

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

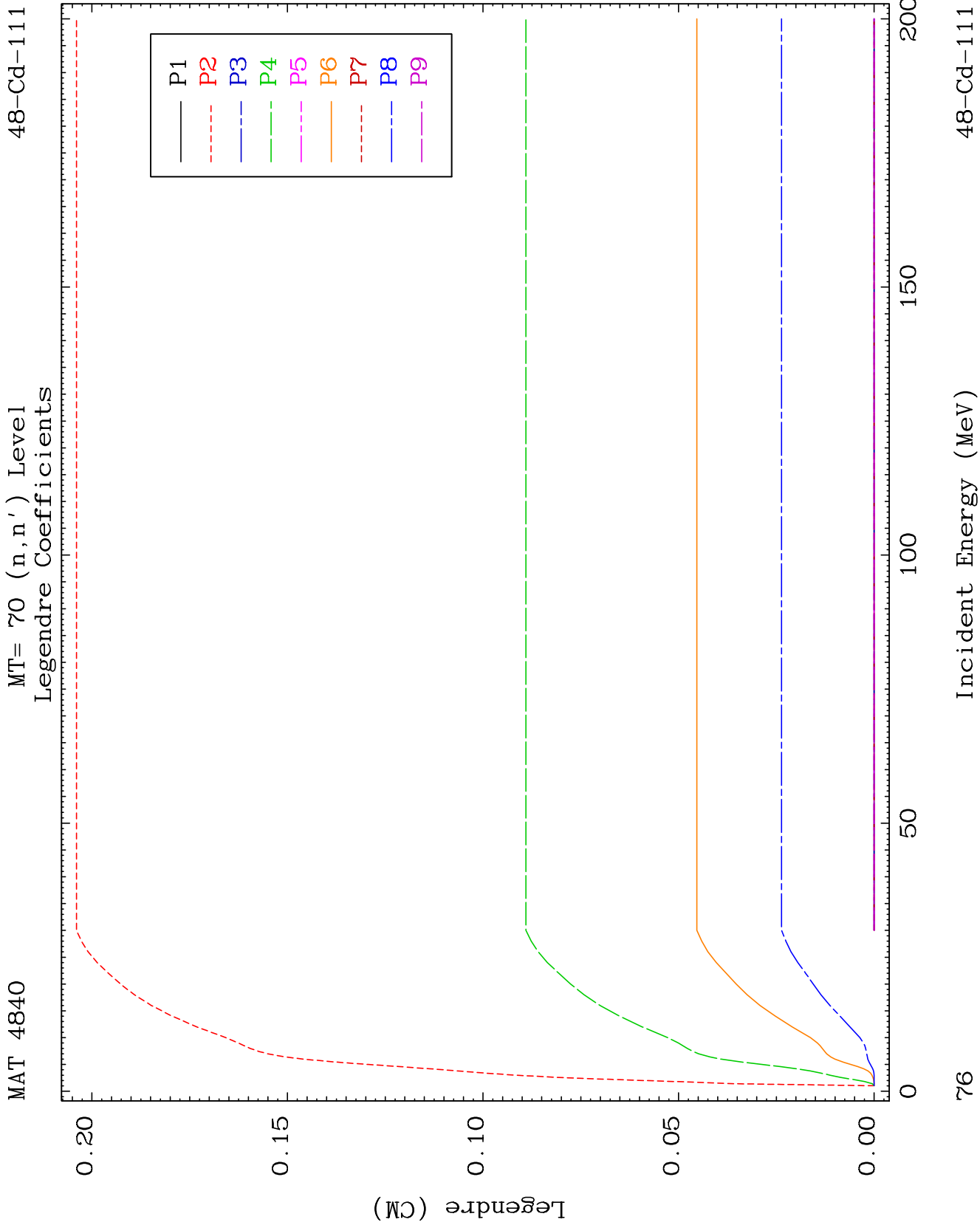
48-Cd-111



48-Cd-111

Incident Energy (MeV)

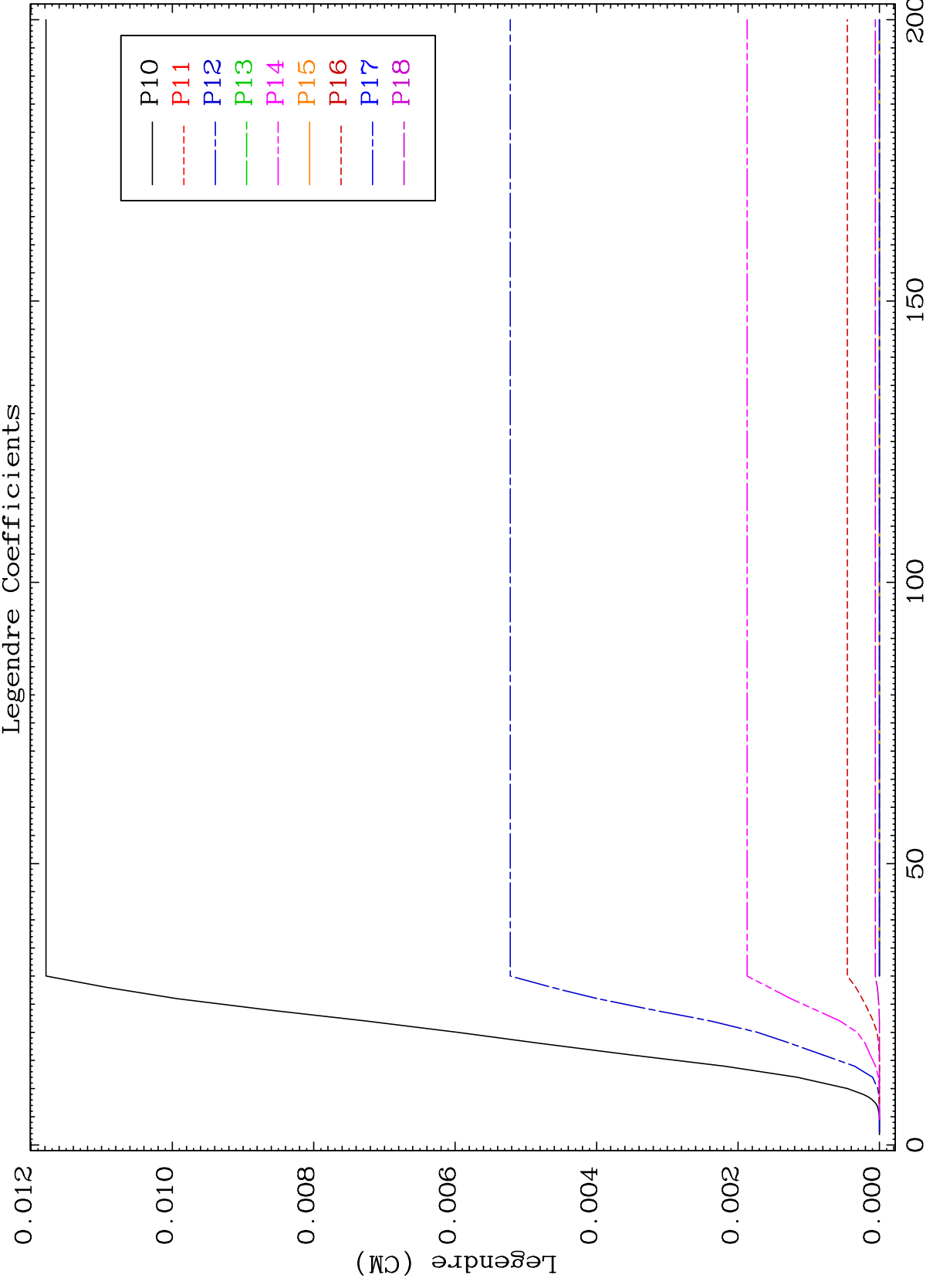
75



MAT 4840

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

48-Cd-111



48-Cd-111

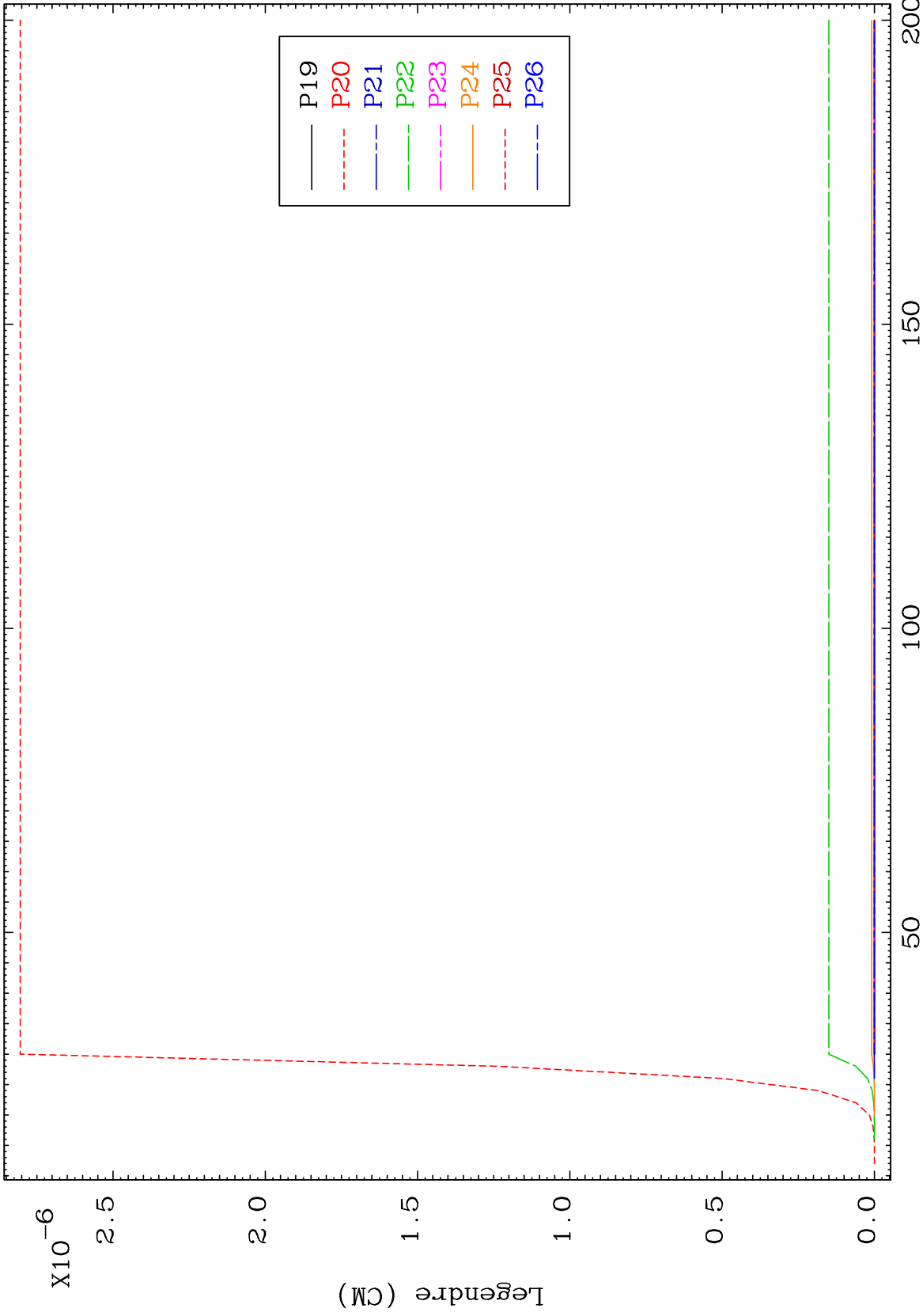
Incident Energy (MeV)

77

MAT 4840

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

48-Cd-111



48-Cd-111

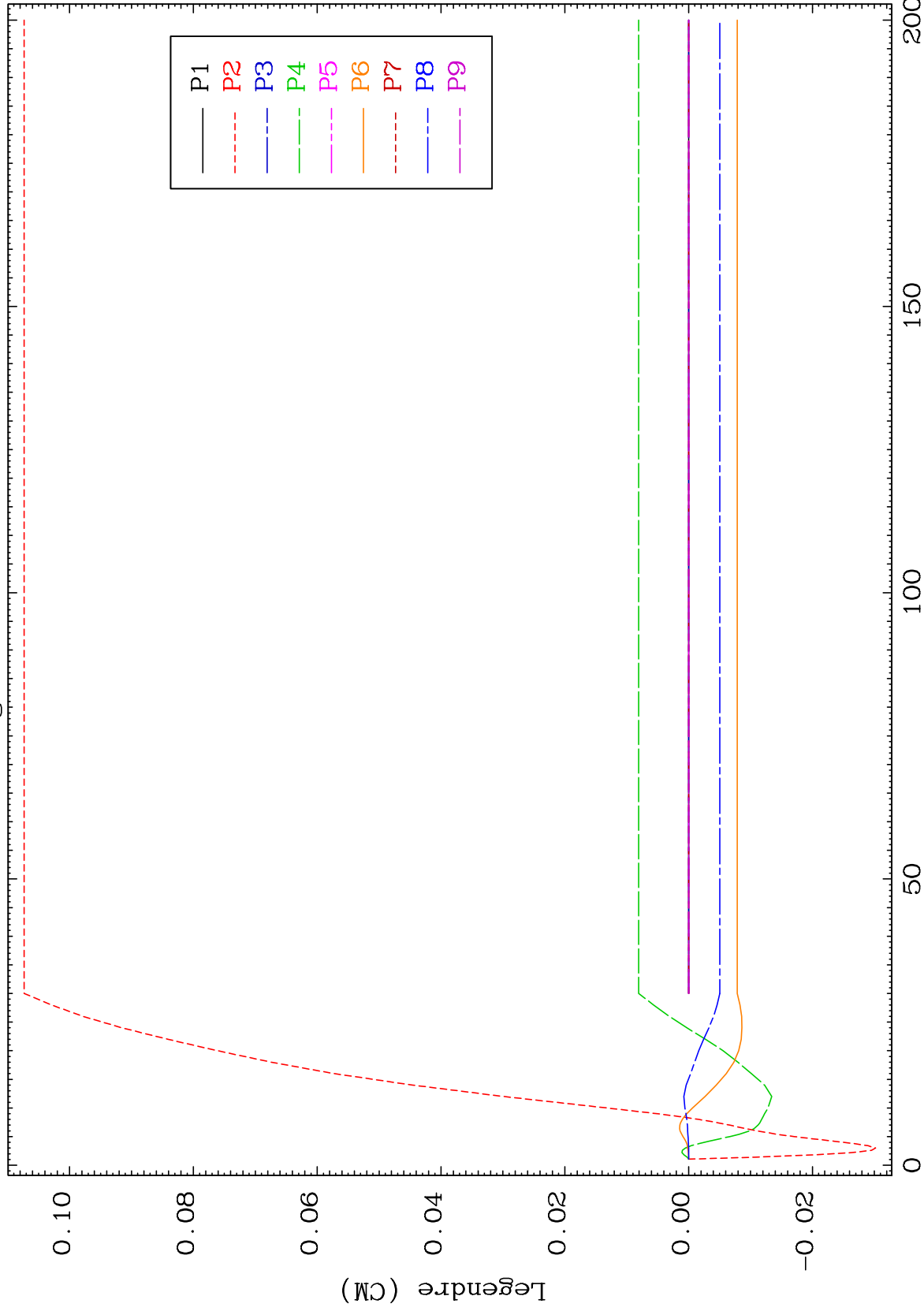
Incident Energy (MeV)

78

MAT 4840

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

48-Cd-111



79

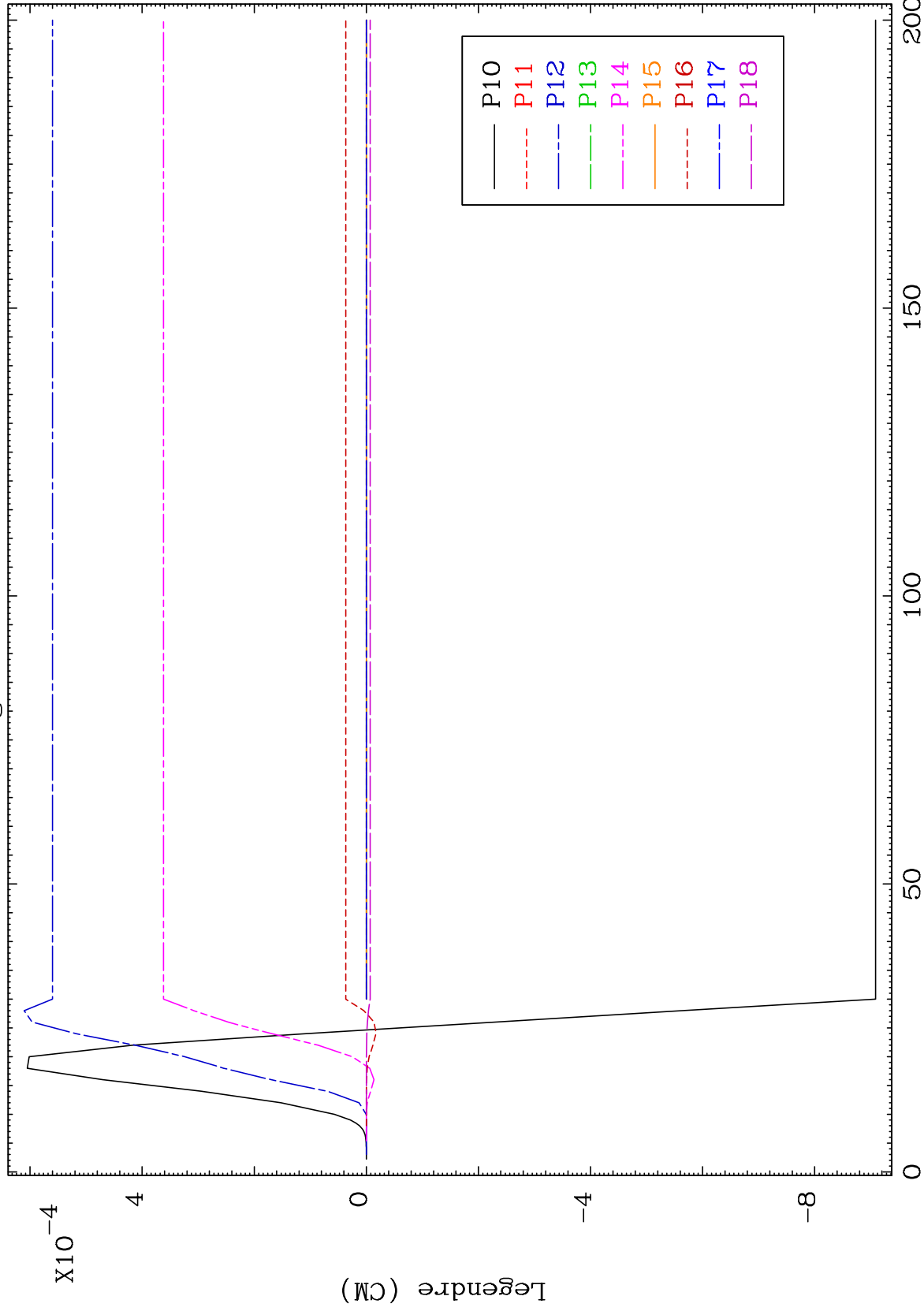
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

48-Cd-111



80

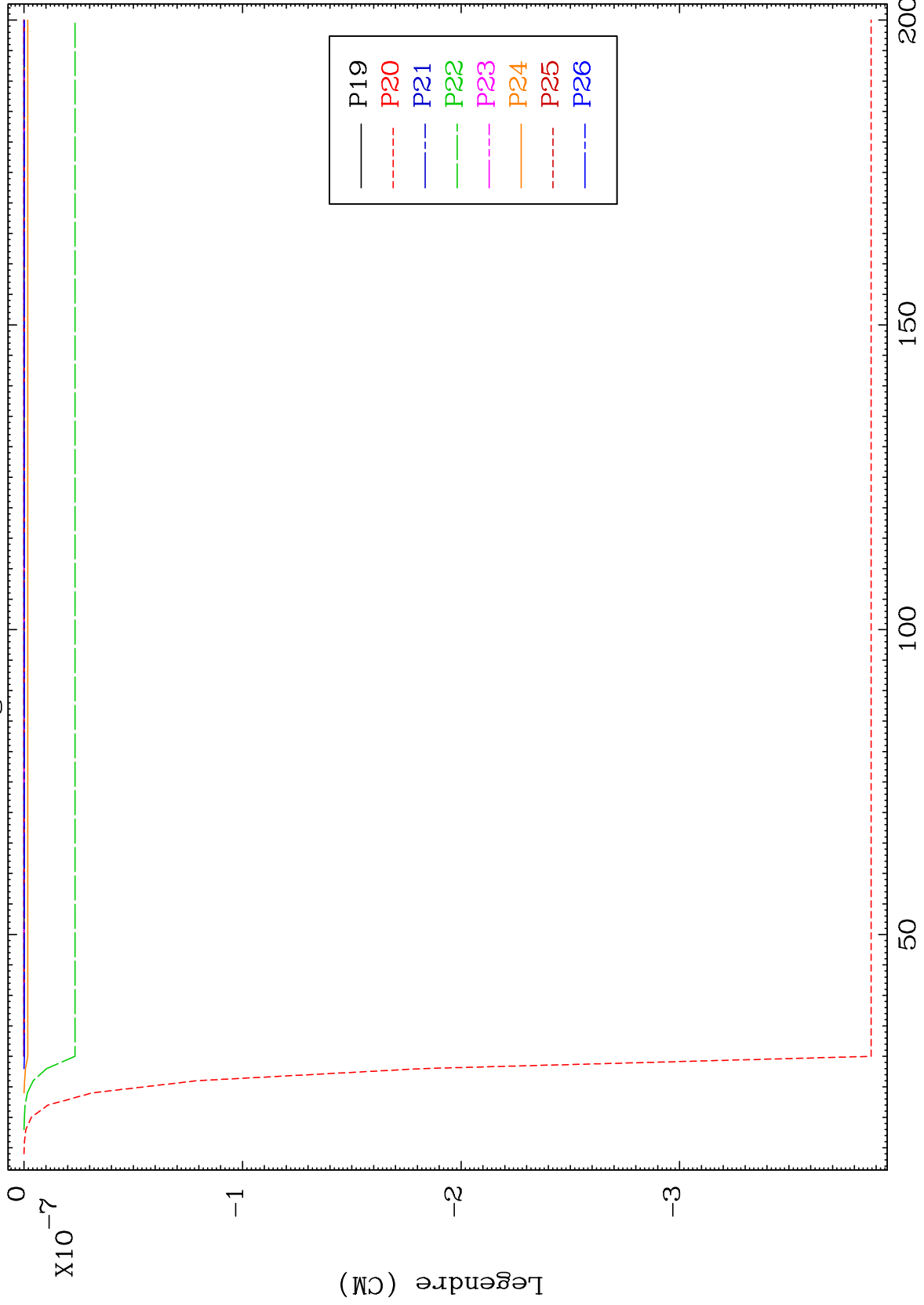
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

48-Cd-111

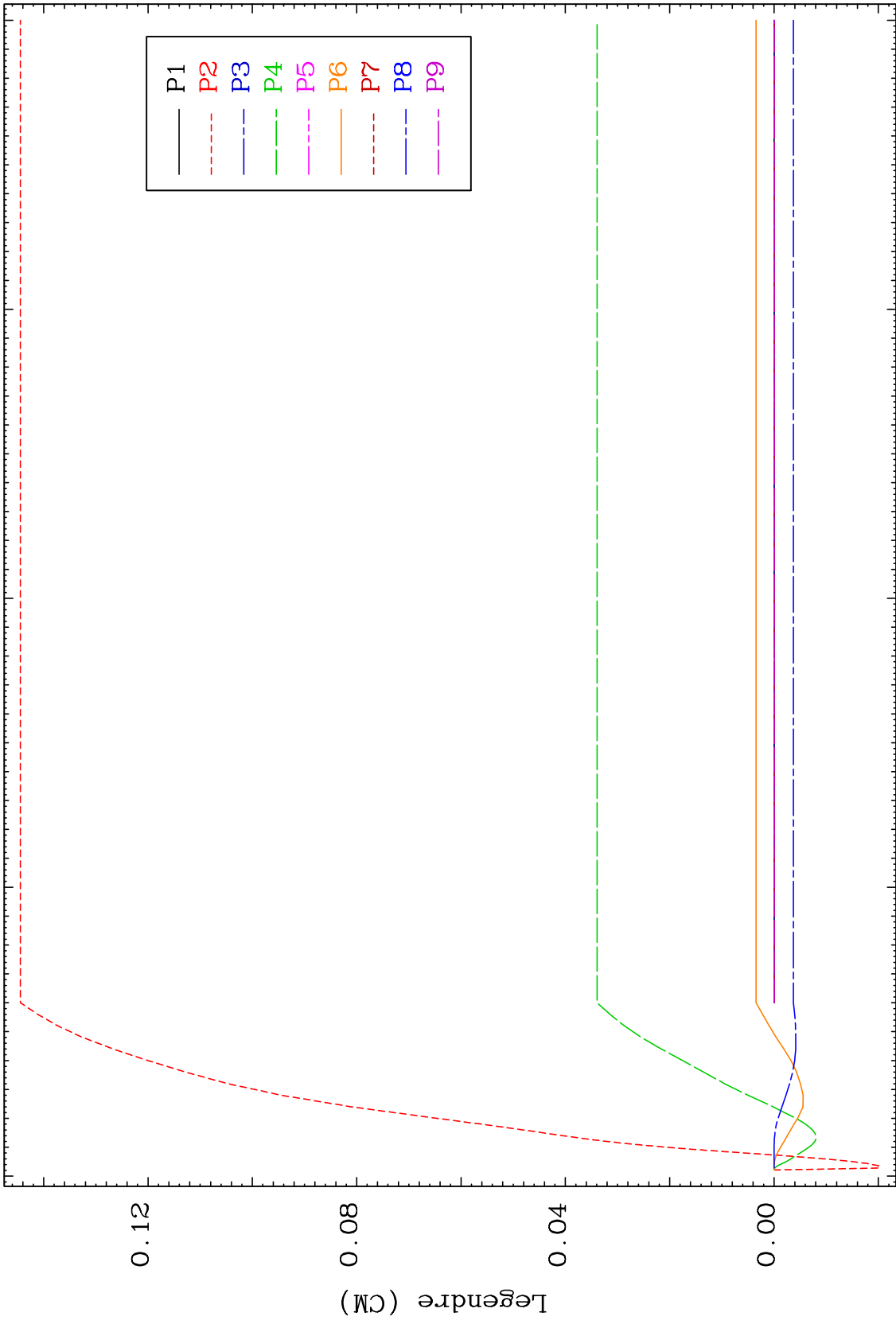


48-Cd-111

Incident Energy (MeV)

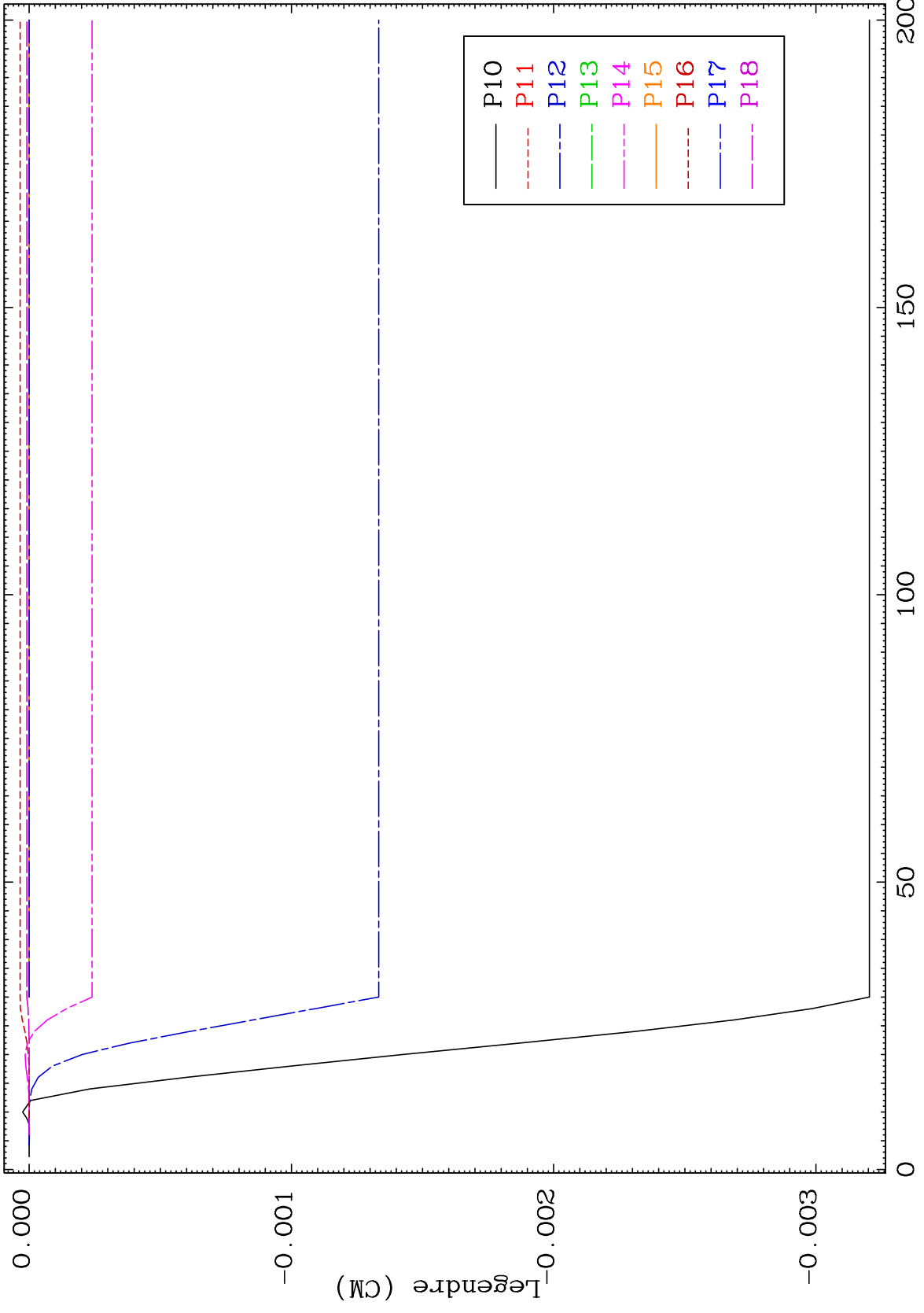
81

MAT 4840 MT= 72 (n,n') Level Legendre Coefficients 48-Cd-111



82 Incident Energy (MeV) 48-Cd-111

MAT 4840 MT= 72 (n,n') Level Legendre Coefficients 48-Cd-111

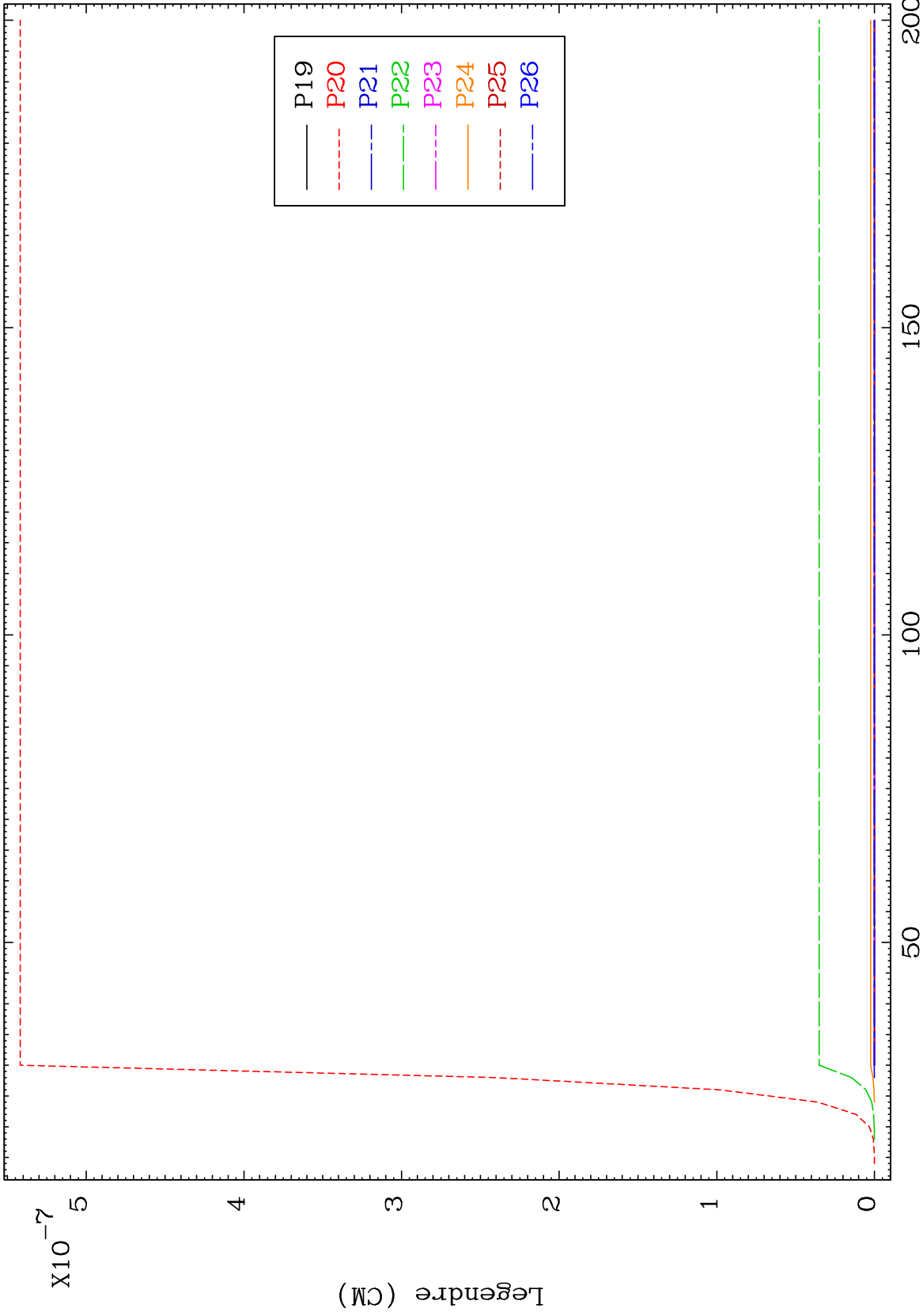


83 48-Cd-111

MAT 4840

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

48-Cd-111

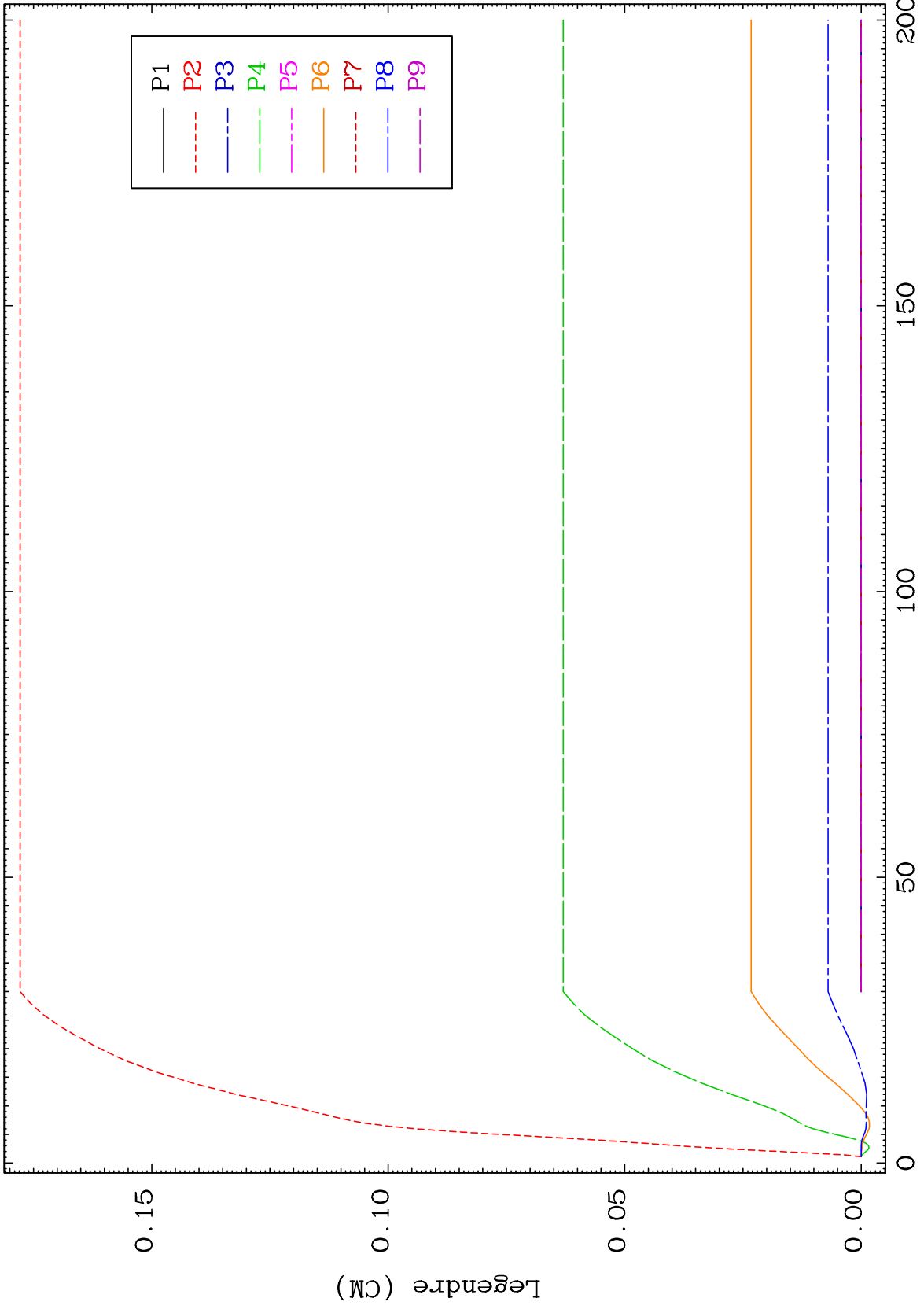


84

Incident Energy (MeV)

48-Cd-111

MAT 4840 MT= 73 (n,n') Level Legendre Coefficients 48-Cd-111

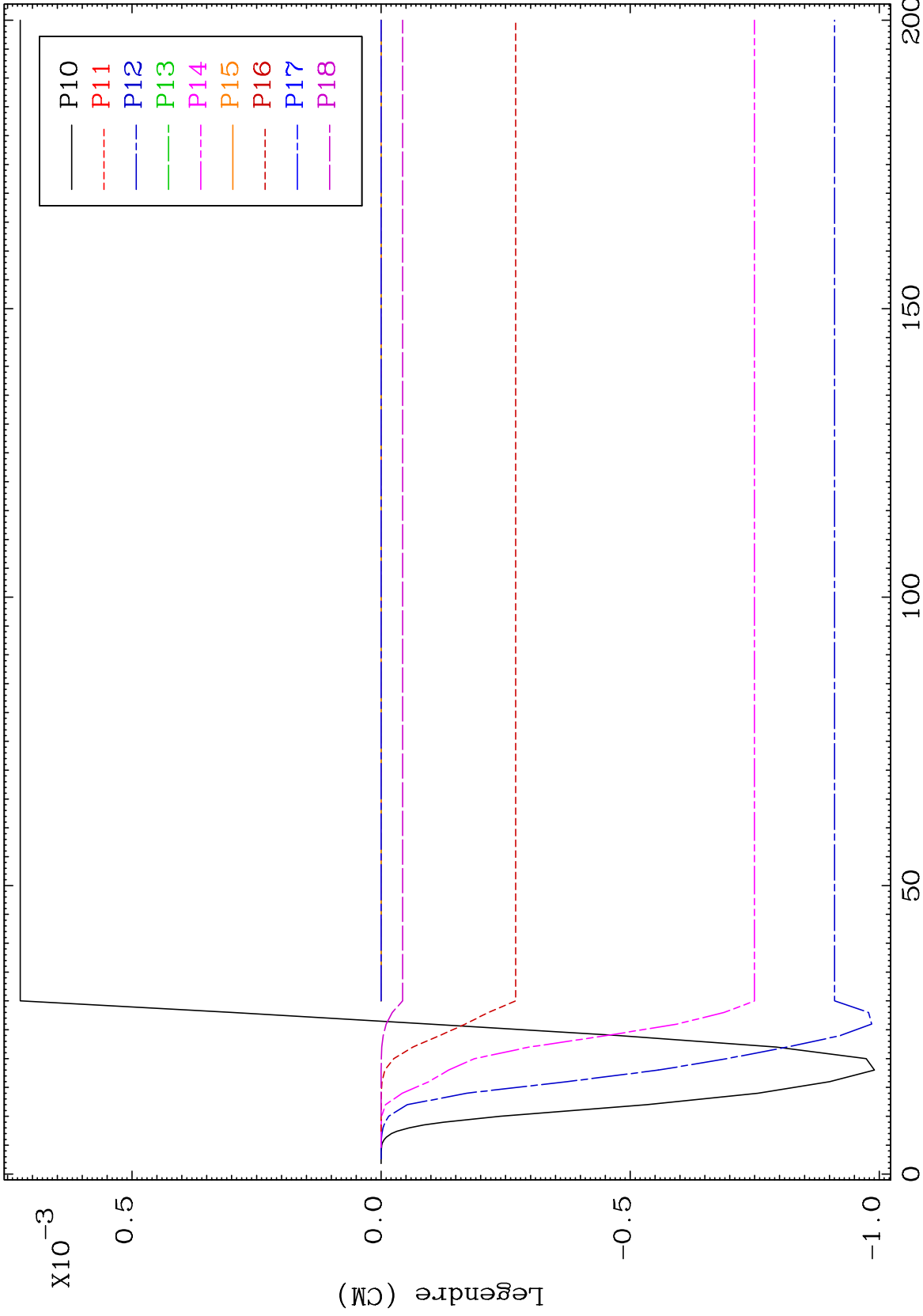


85 Incident Energy (MeV) 48-Cd-111

MAT 4840

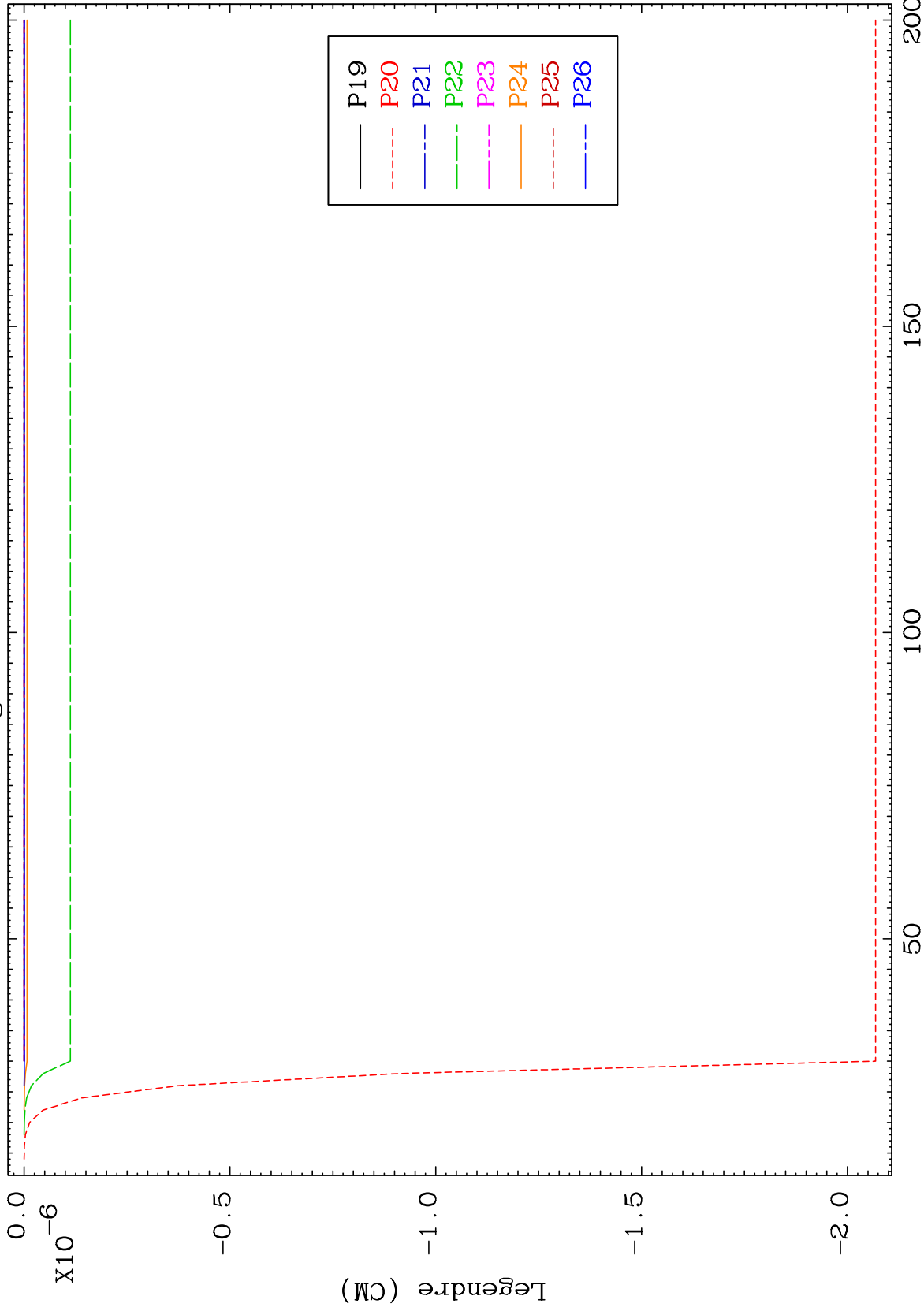
MT= 73 (n,n') Level
Legendre Coefficients

48-Cd-111

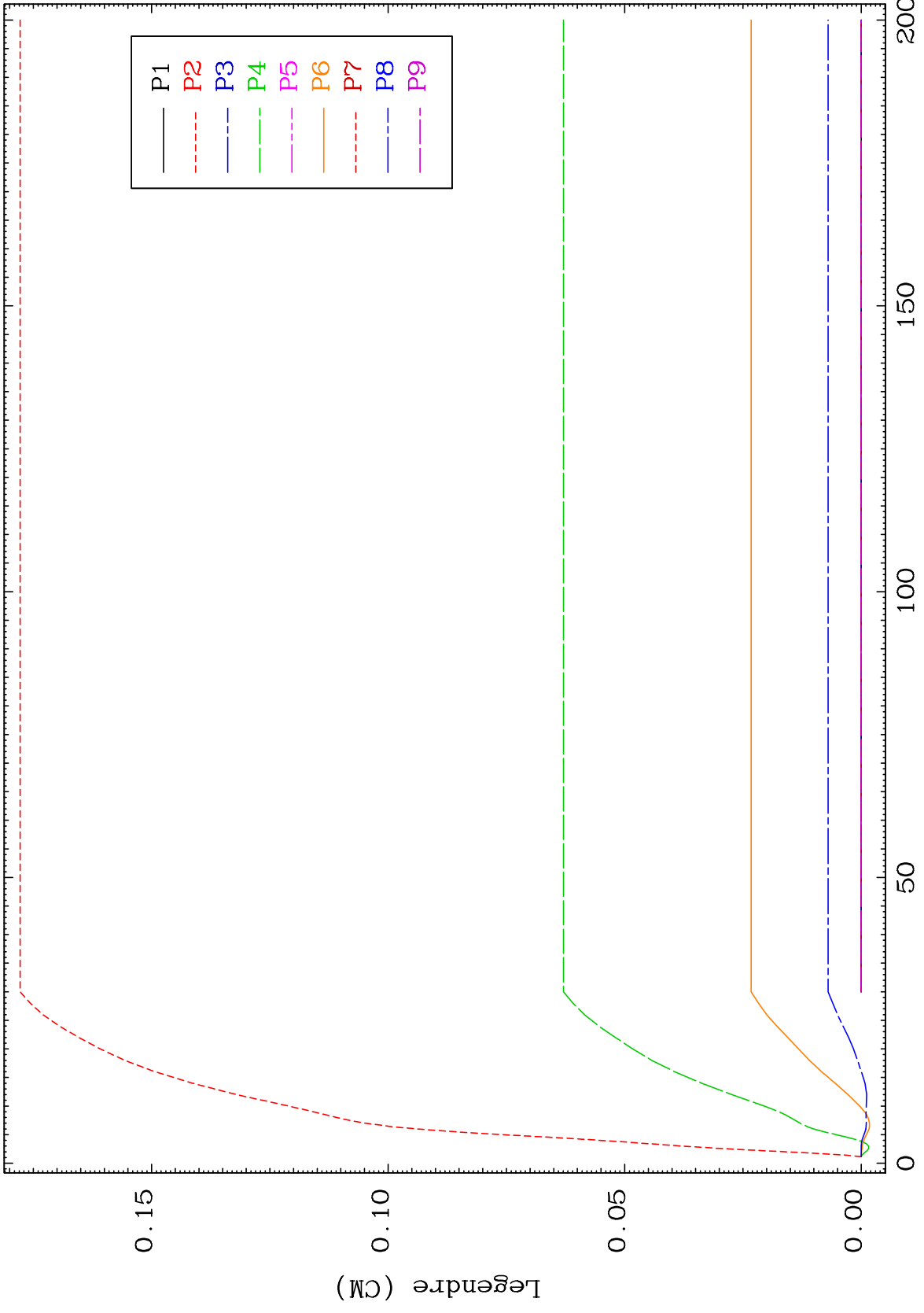


86

48-Cd-111



MAT 4840 MT= 74 (n,n') Level Legendre Coefficients 48-Cd-111

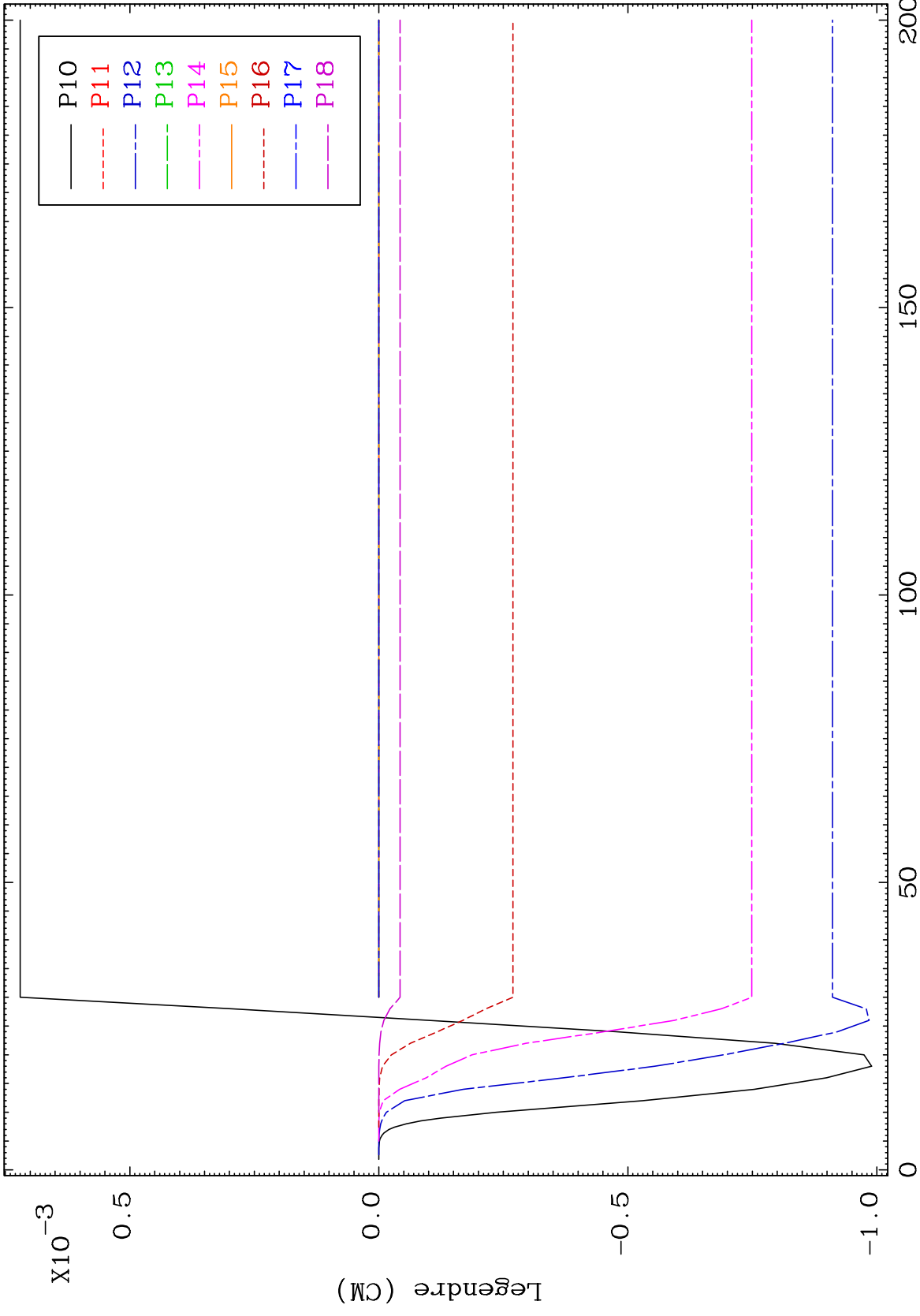


88 Incident Energy (MeV) 48-Cd-111

MAT 4840

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

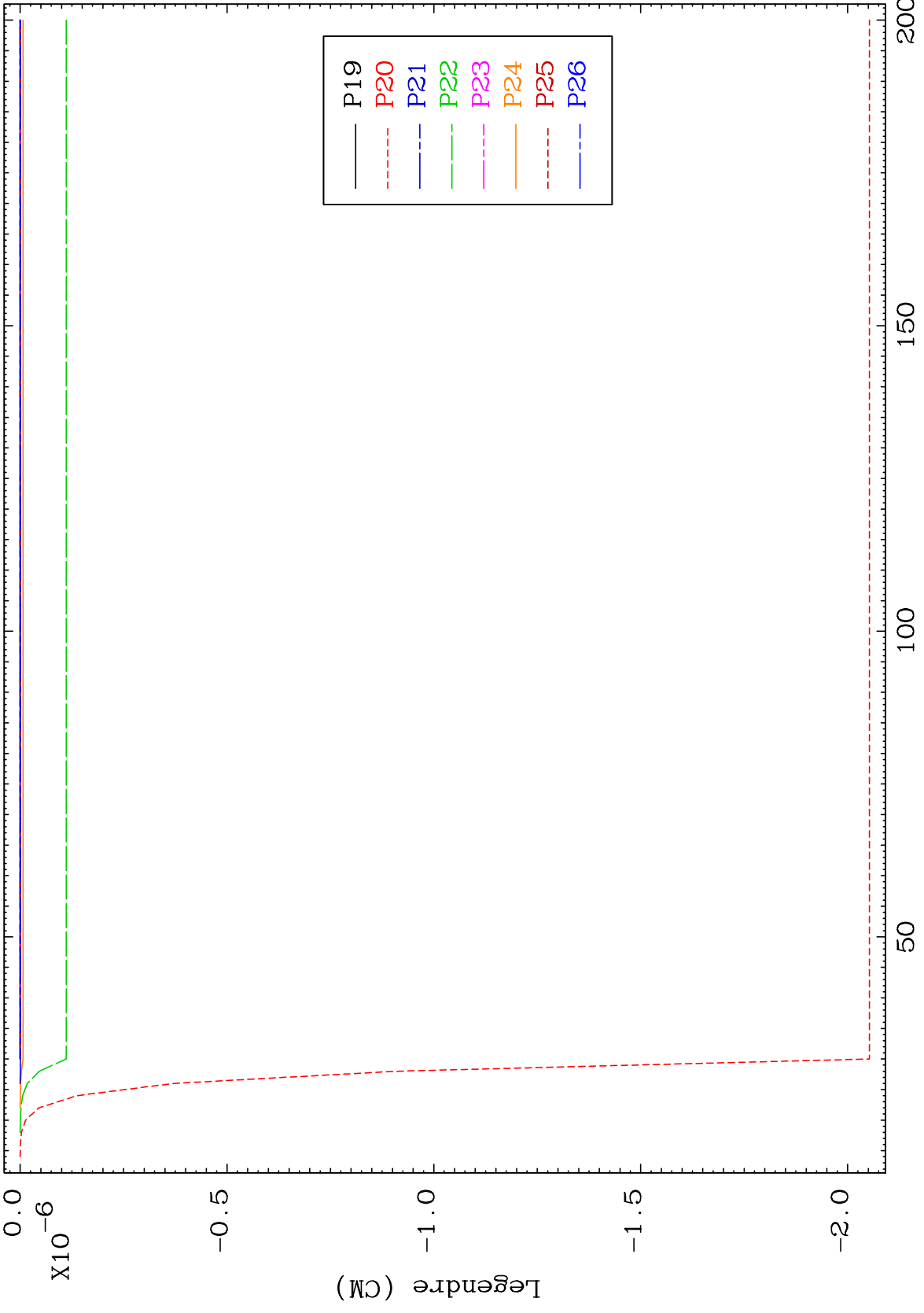
48-Cd-111



89

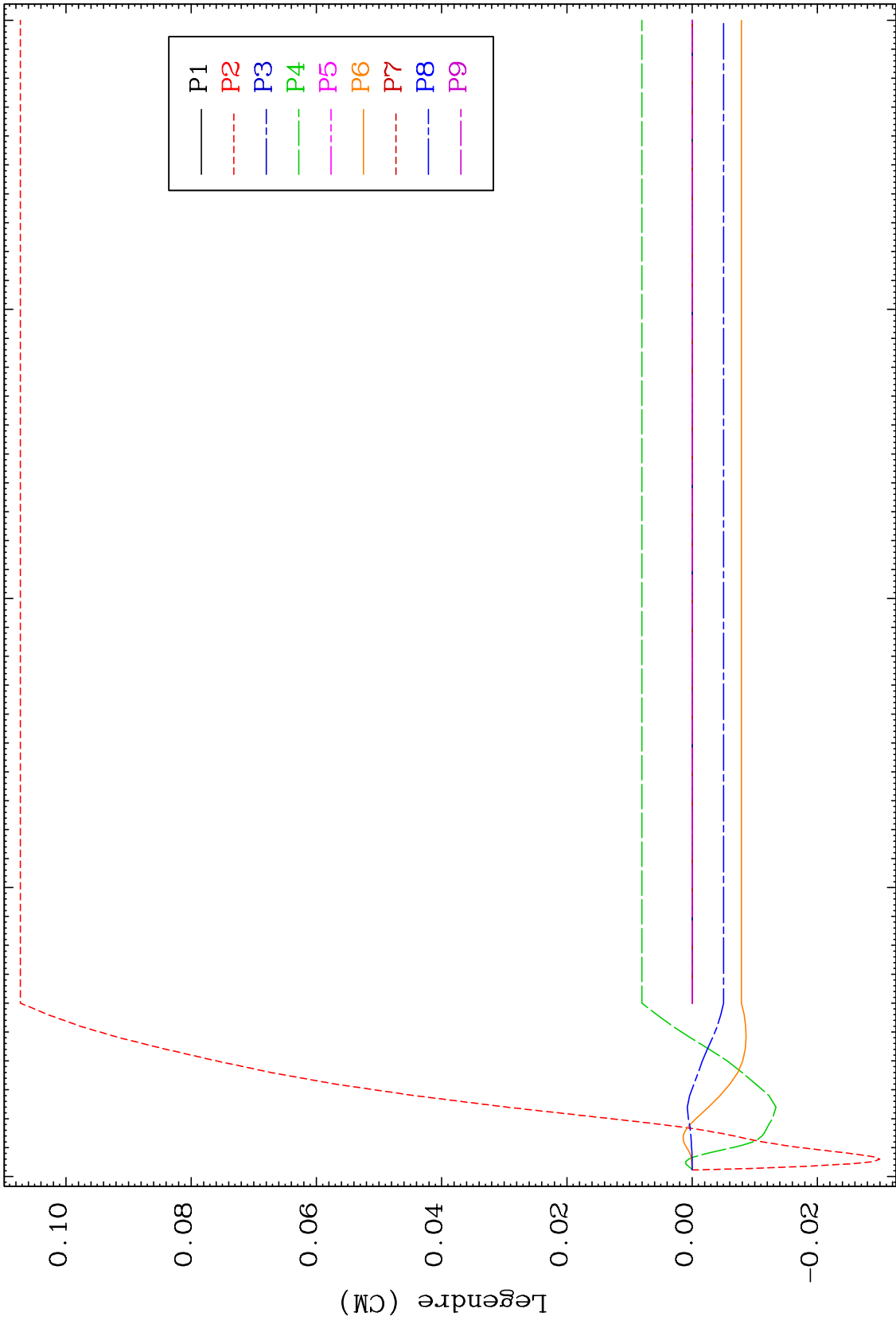
48-Cd-111

MAT 4840 MT= 74 (n,n') Level Legendre Coefficients 48-Cd-111



90 50 100 150 200 48-Cd-111

MAT 4840 MT= 75 (n,n') Level Legendre Coefficients 48-Cd-111

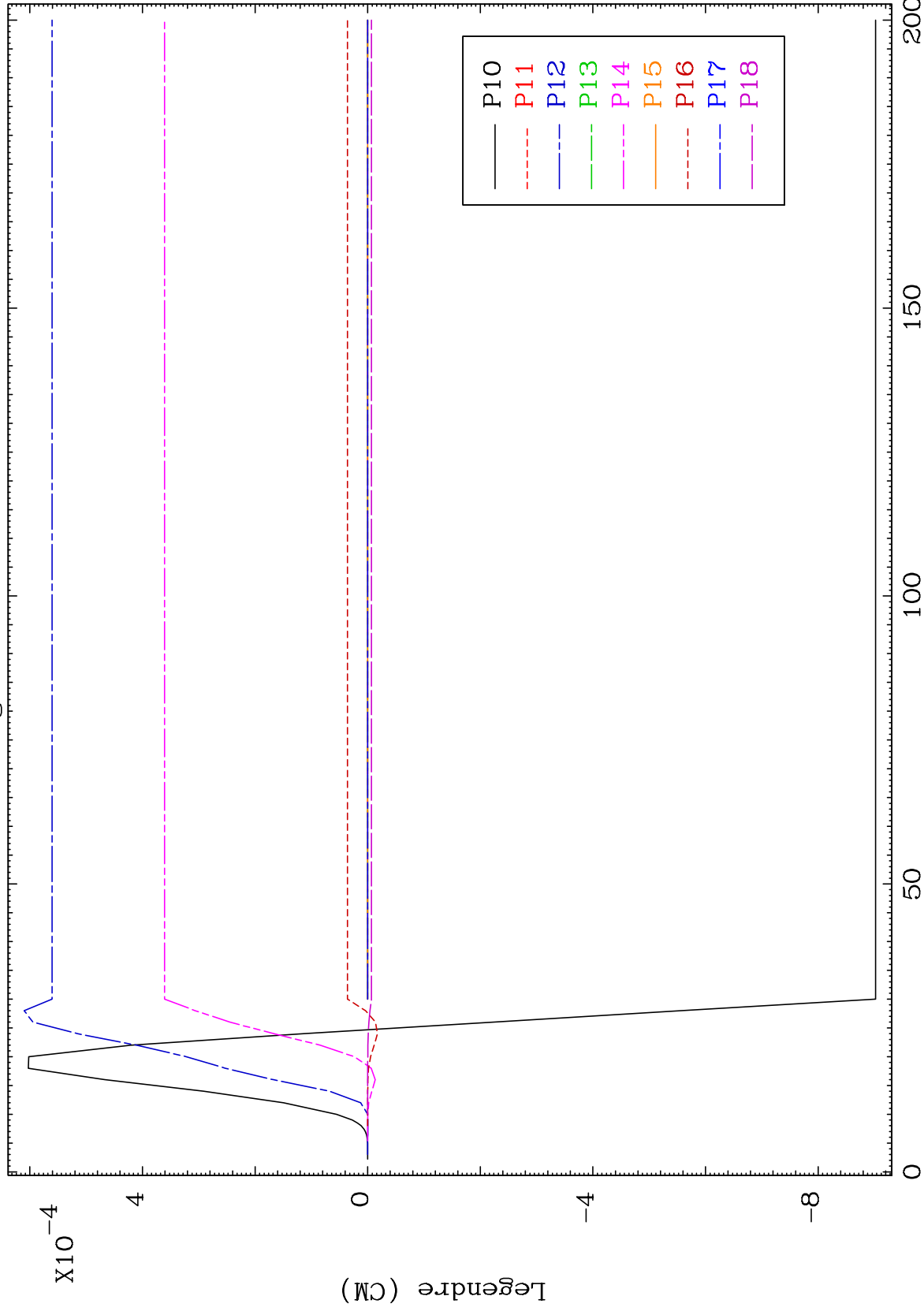


91 48-Cd-111

MAT 4840

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

48-Cd-111

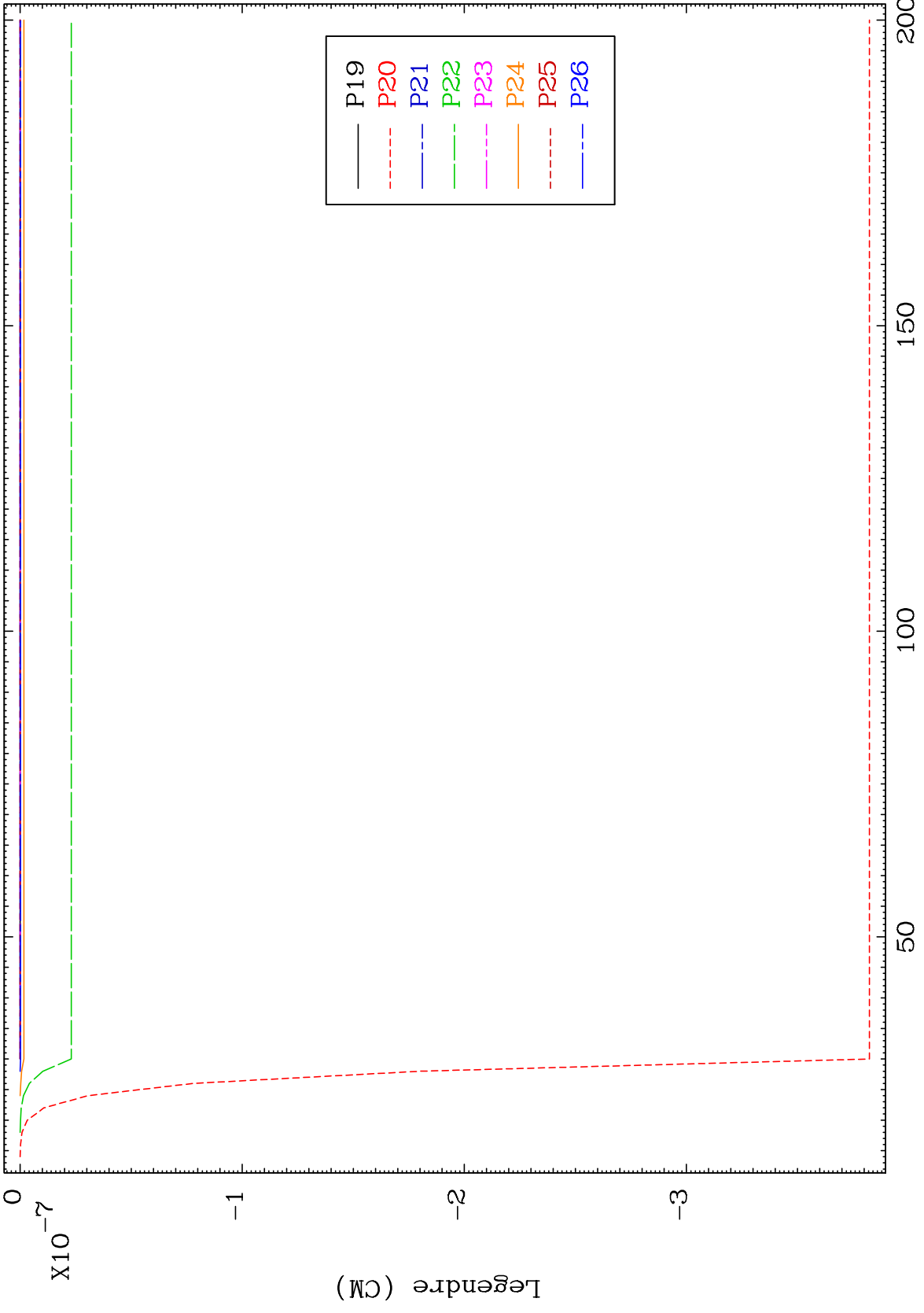


92

Incident Energy (MeV)

48-Cd-111

MAT 4840 MT= 75 (n,n') Level Legendre Coefficients 48-Cd-111

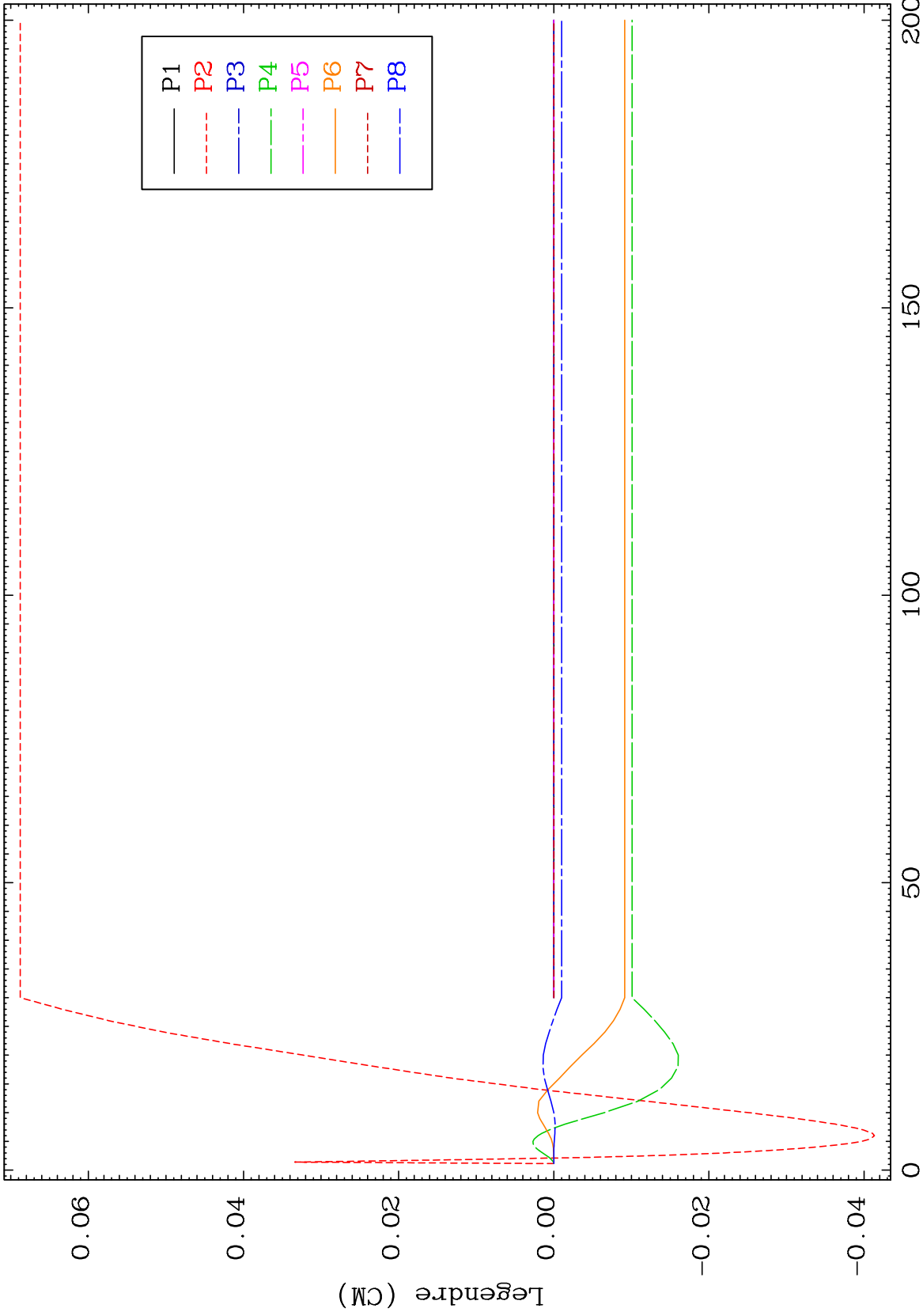


93 48-Cd-111

MAT 4840

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

48-Cd-111



94

Incident Energy (MeV)

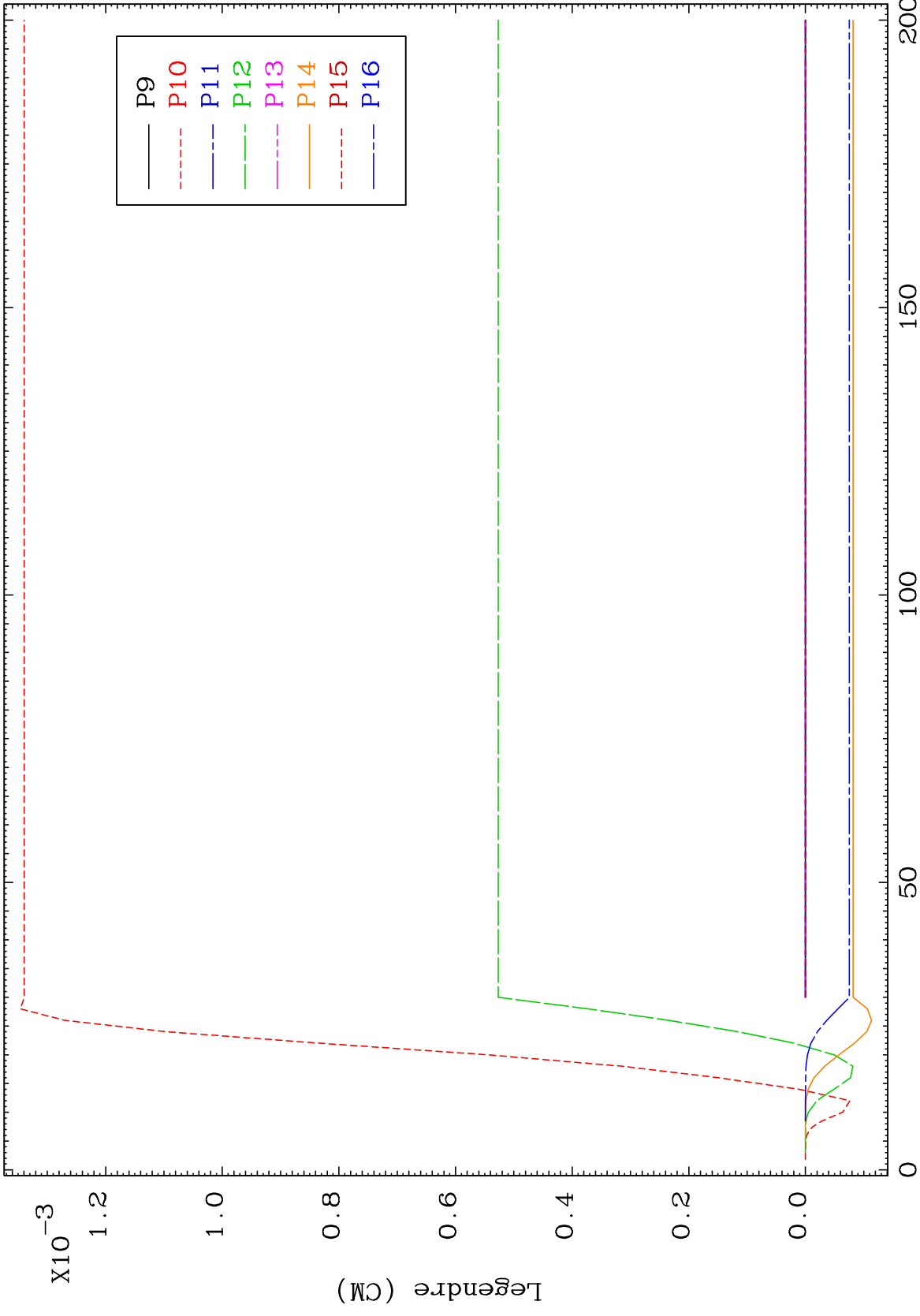
48-Cd-111

MAT 4840

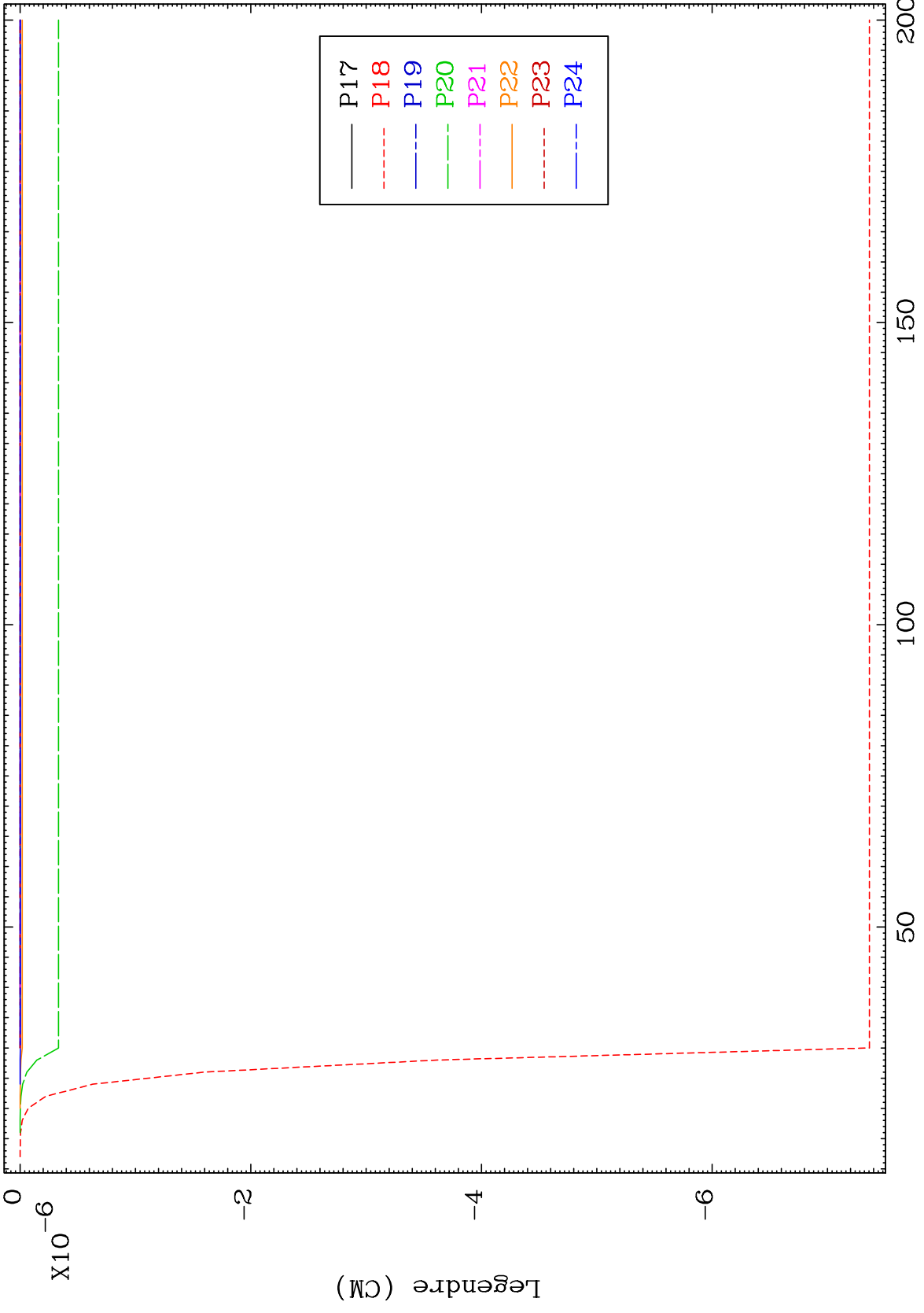
MT= 76 (n,n') Level
Legendre Coefficients

48-Cd-111

48-Cd-111

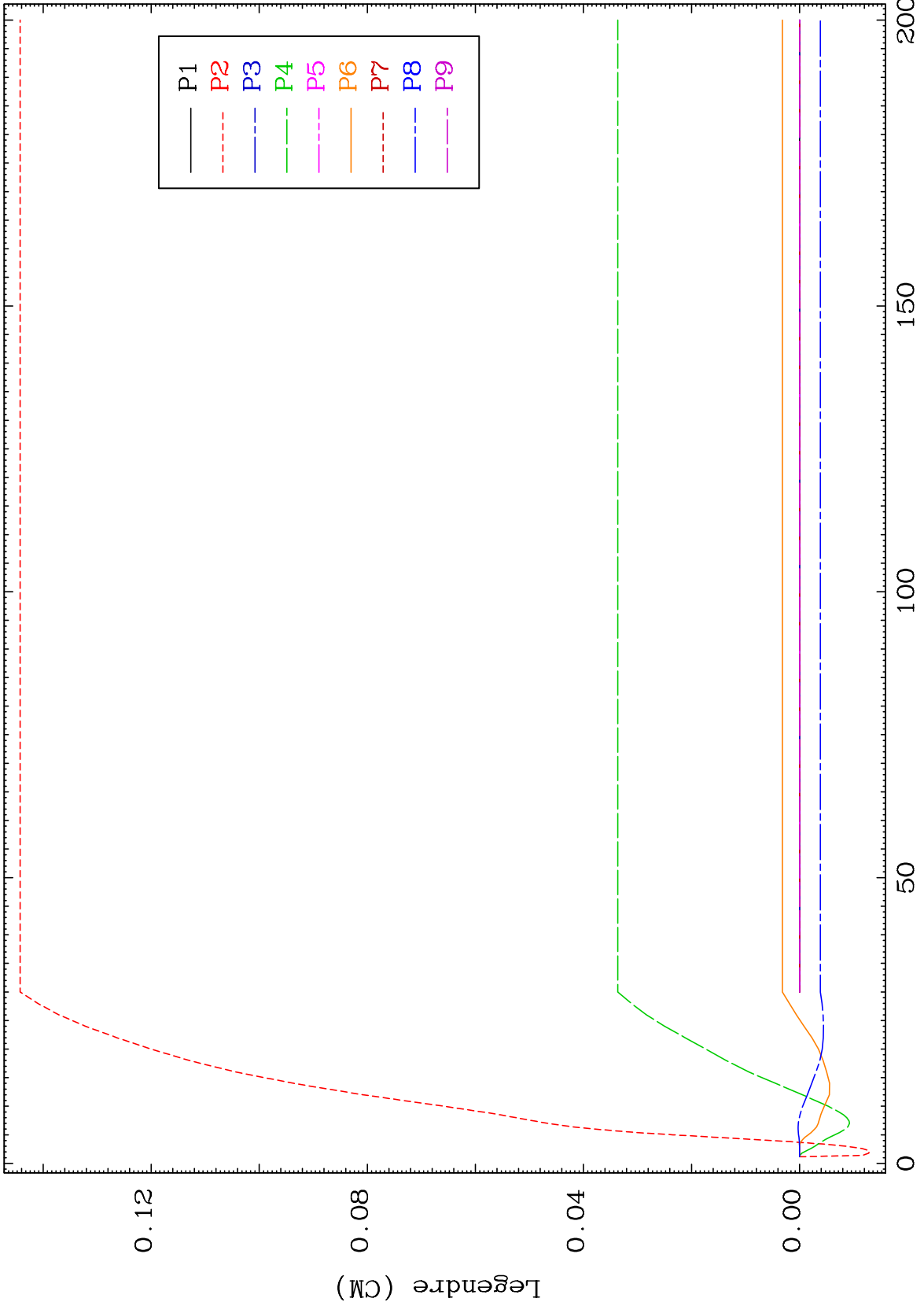


MAT 4840 MT= 76 (n,n') Level Legendre Coefficients 48-Cd-111



96 48-Cd-111

MAT 4840 MT= 77 (n,n') Level Legendre Coefficients 48-Cd-111

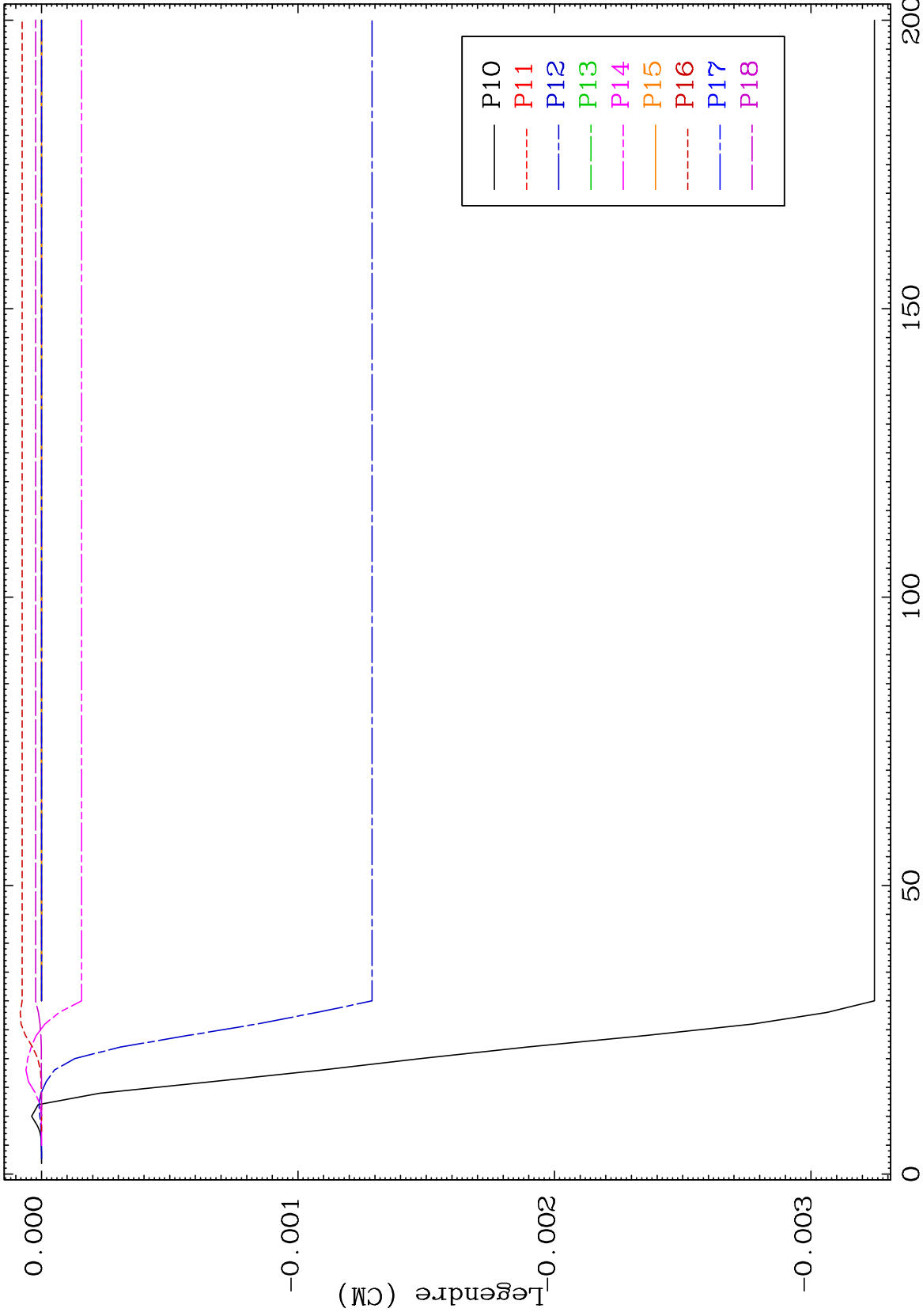


97 48-Cd-111

MAT 4840

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

48-Cd-111



98

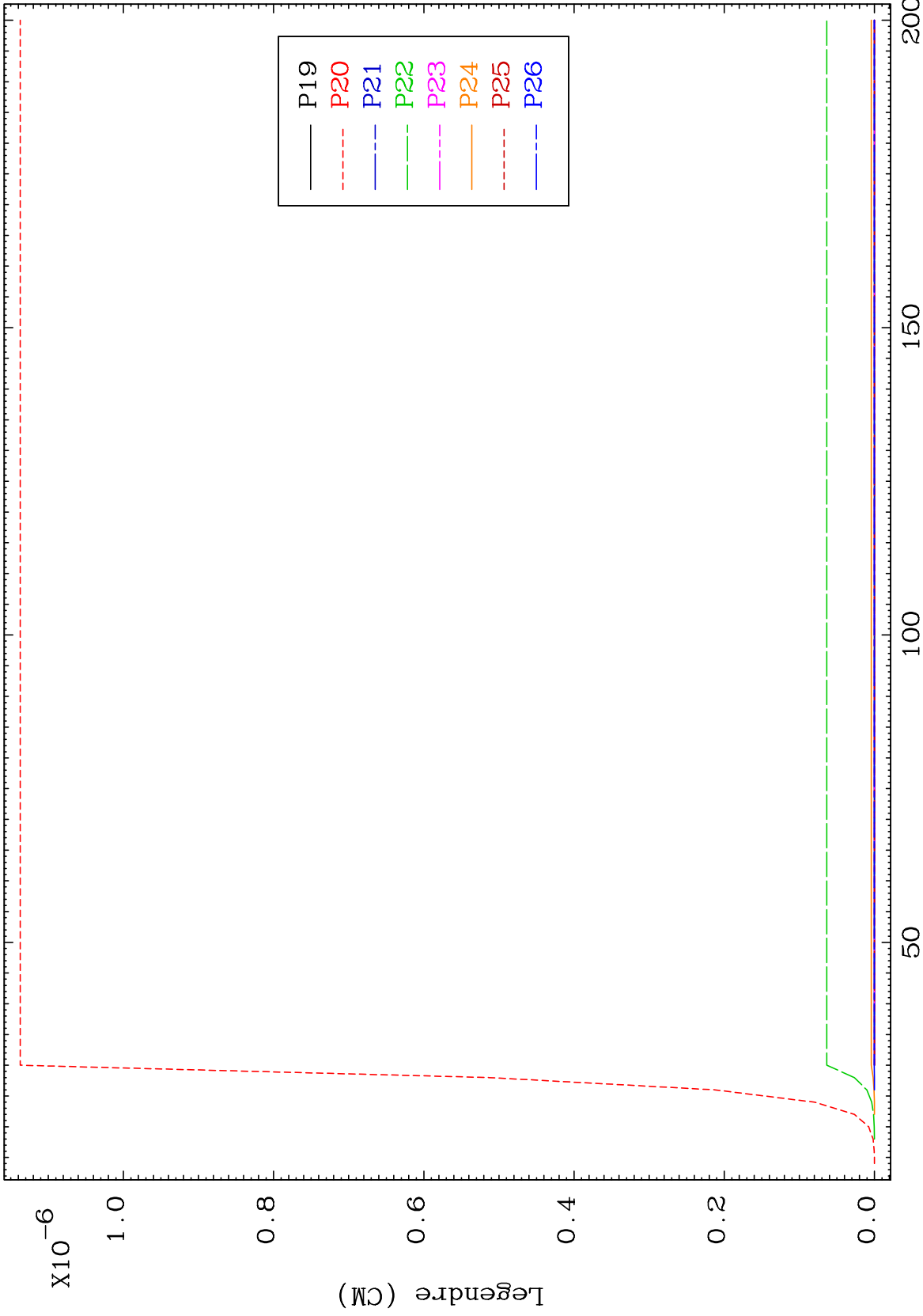
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

48-Cd-111



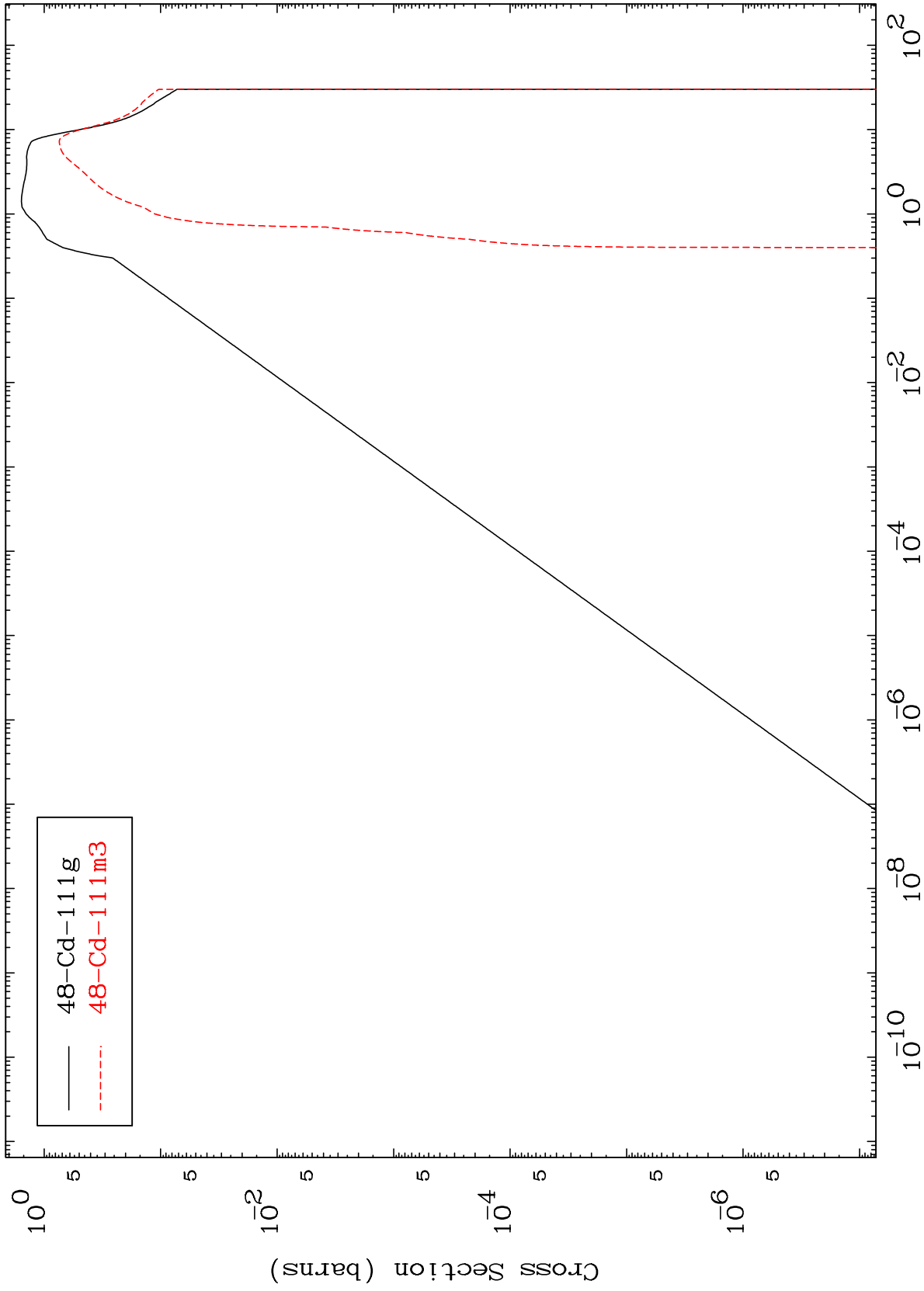
99

48-Cd-111

MAT 4840

Inelastic
Radionuclide Production Cross Section

48-Cd-111



100

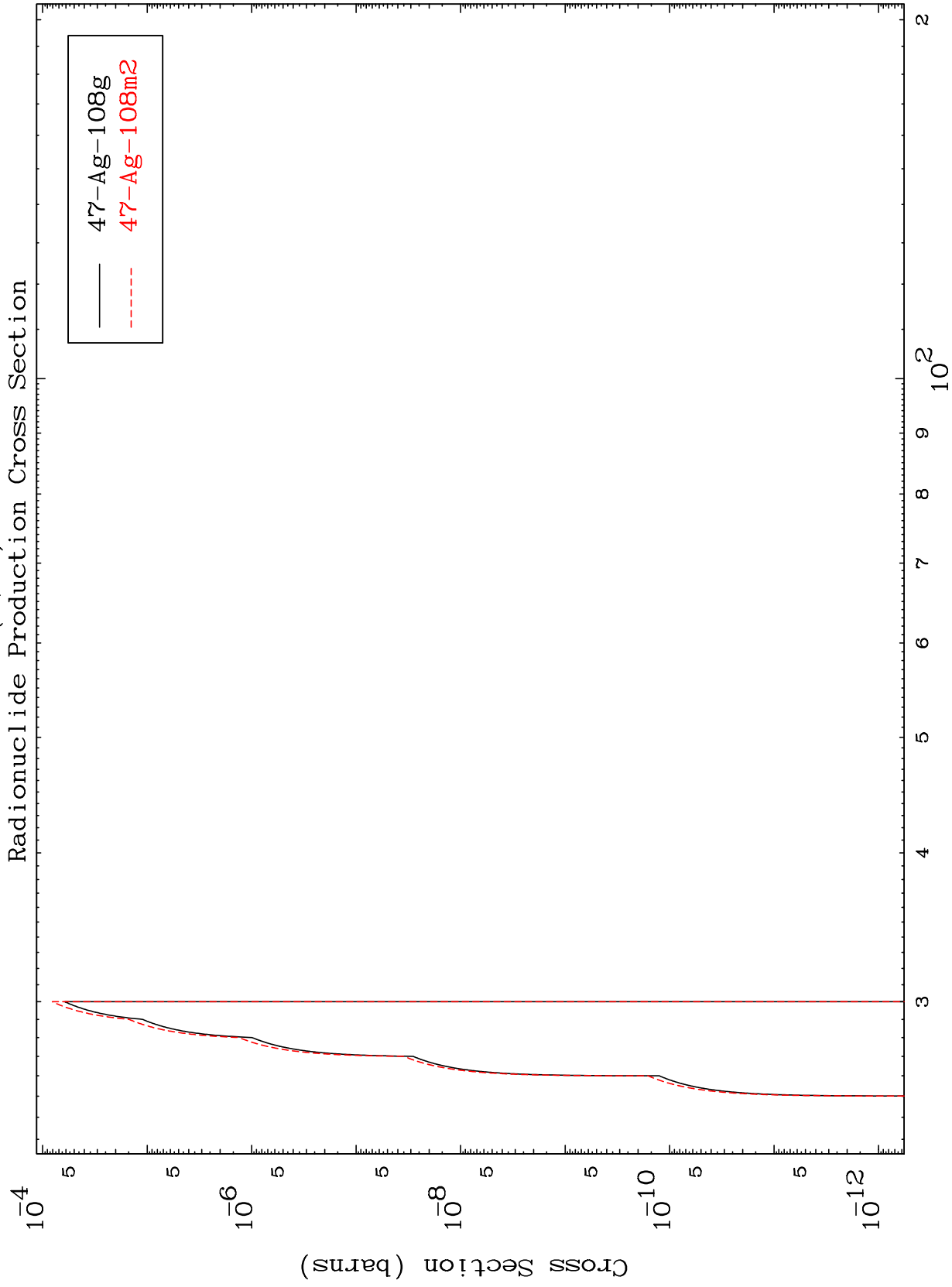
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,2n) d

48-Cd-111



101

Incident Energy (MeV)

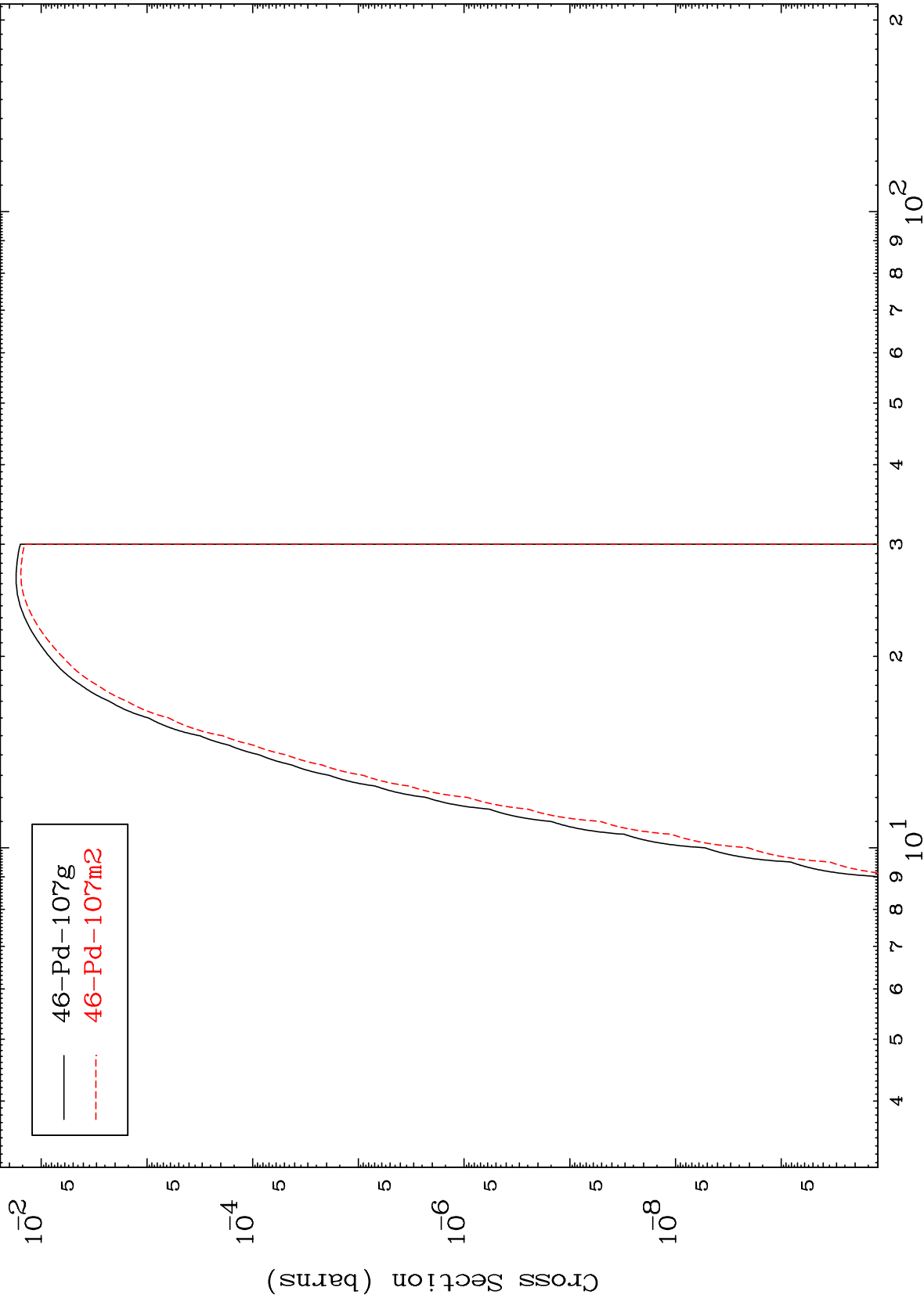
48-Cd-111

MAT 4840

(n,n') α

48-Cd-111

Radionuclide Production Cross Section



— 46-Pd-107g
- - - 46-Pd-107m2

102

Incident Energy (MeV)

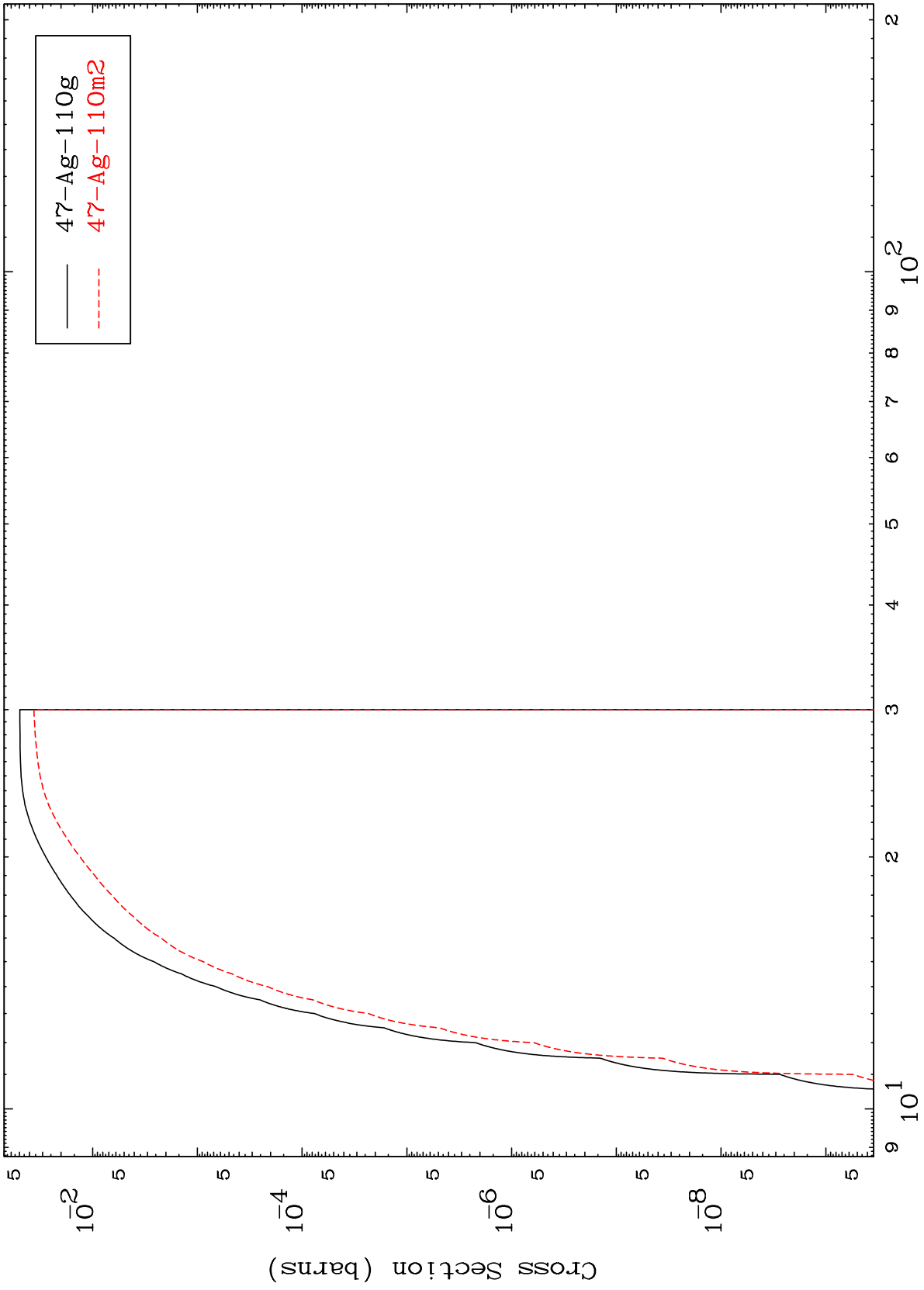
48-Cd-111

MAT 4840

(n,n') p

48-Cd-111

Radionuclide Production Cross Section



47-Ag-110g
47-Ag-110m2

103

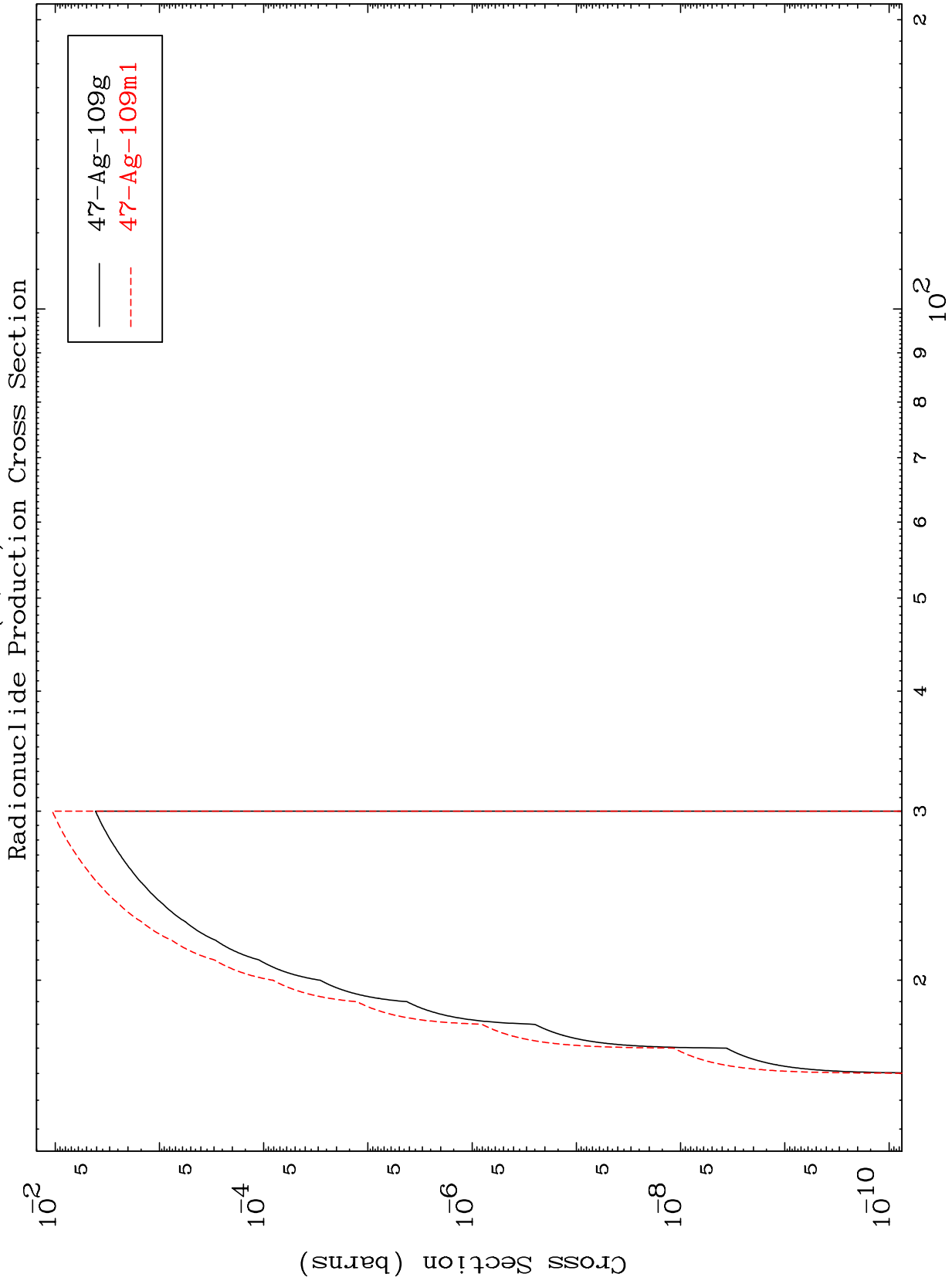
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,n') d

48-Cd-111



104

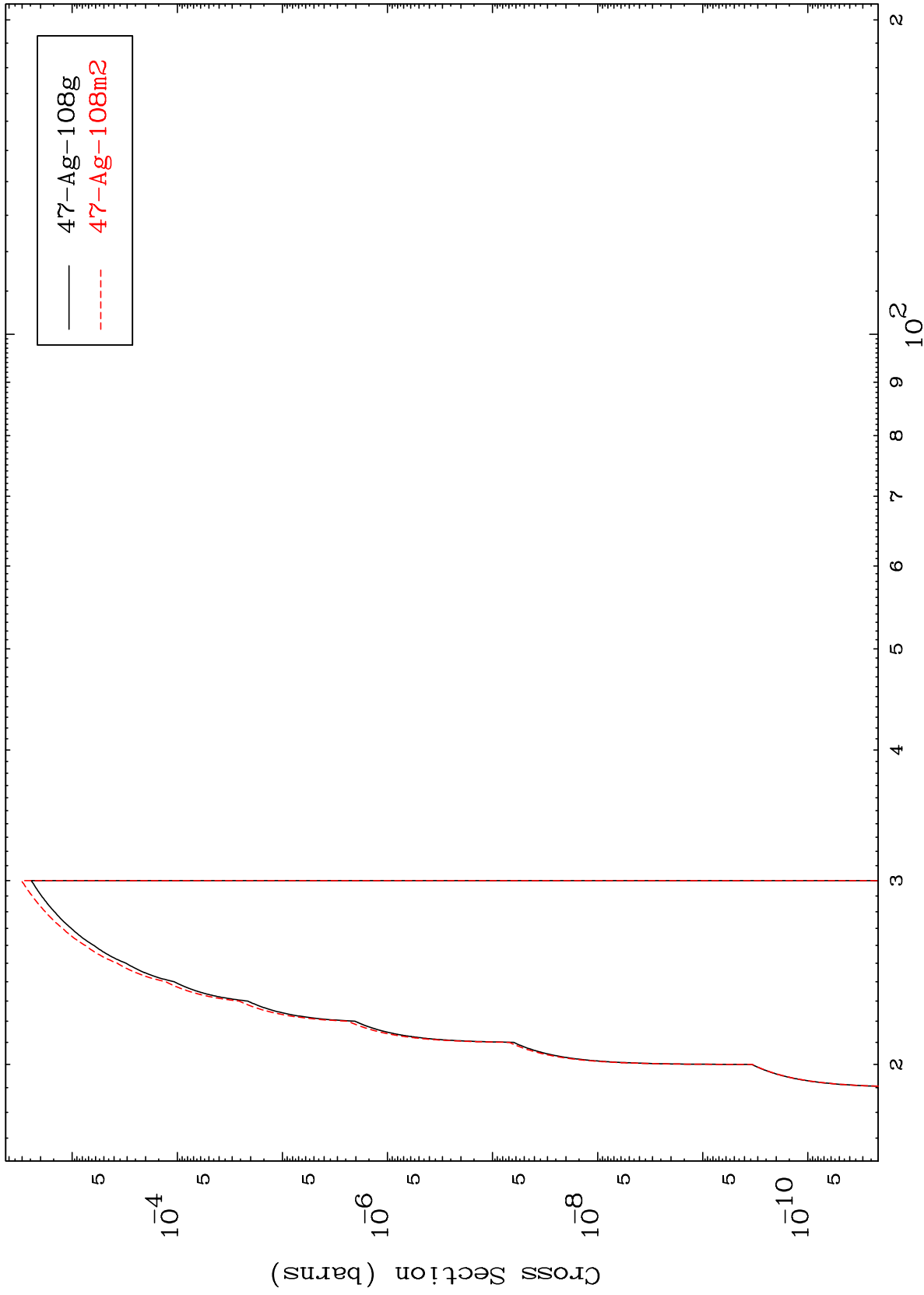
48-Cd-111

MAT 4840

(n,n') t

48-Cd-111

Radionuclide Production Cross Section



105

Incident Energy (MeV)

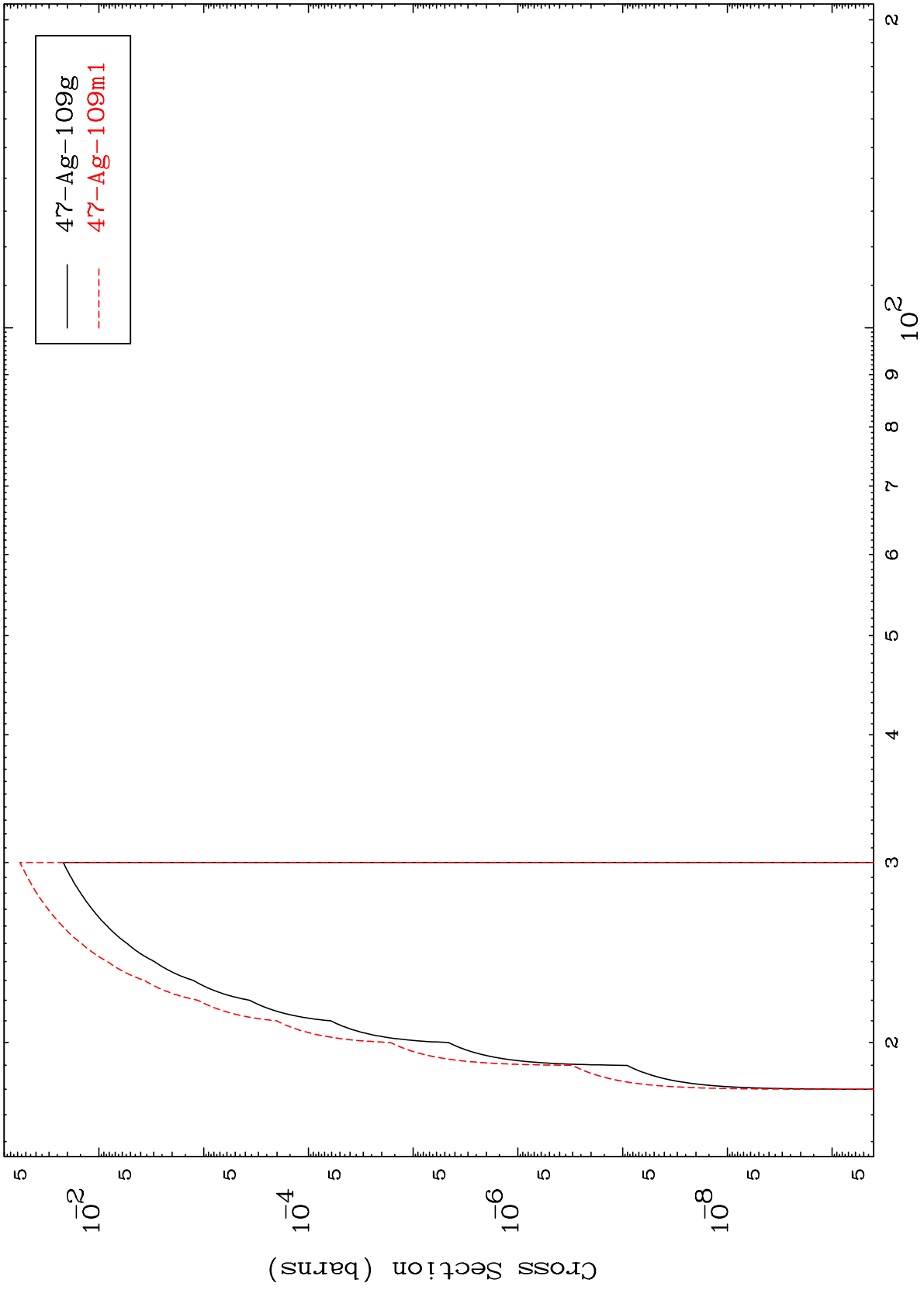
48-Cd-111

MAT 4840

(n,2n) p

48-Cd-111

Radionuclide Production Cross Section



106

Incident Energy (MeV)

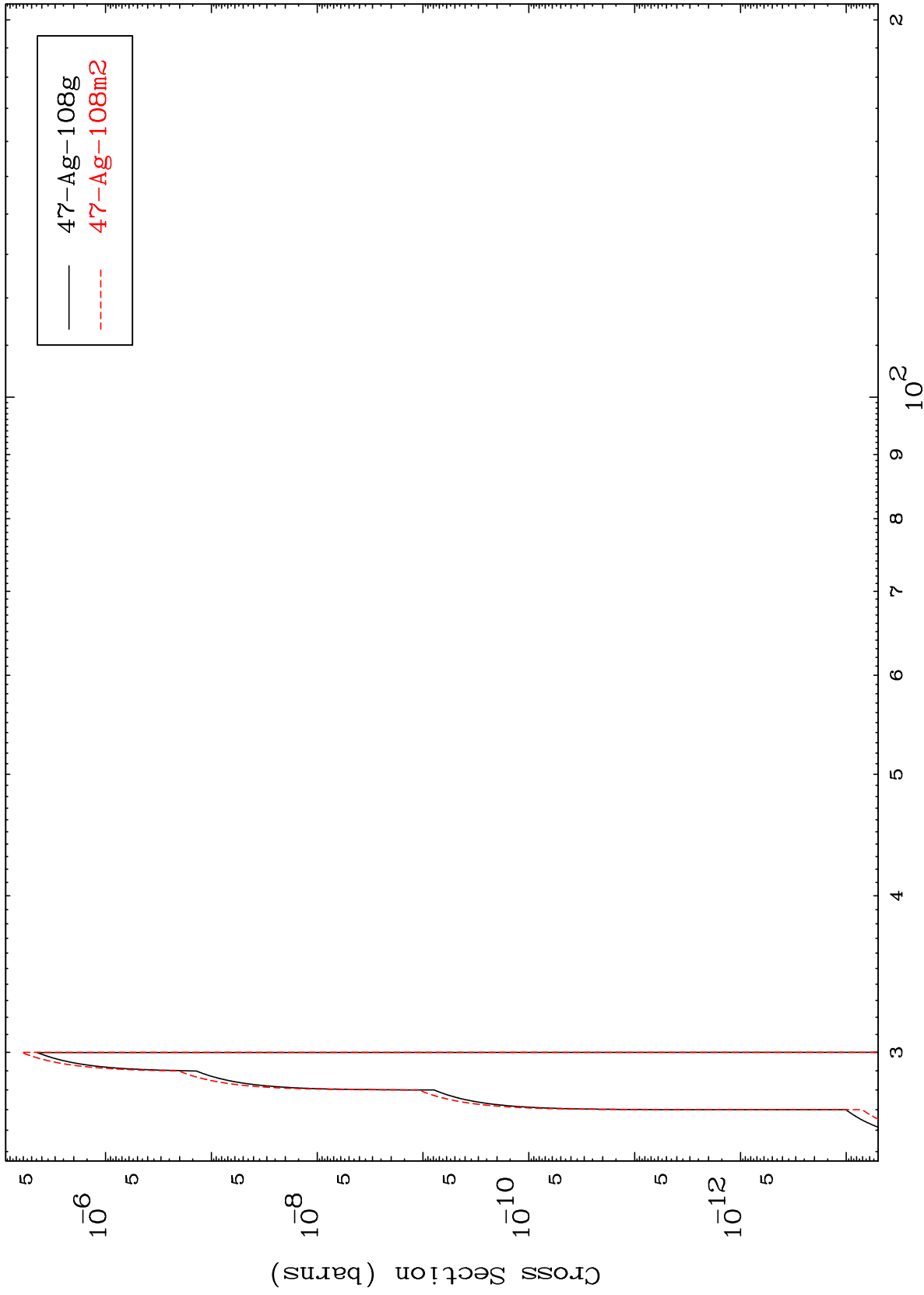
48-Cd-111

MAT 4840

(n,3n) p

48-Cd-111

Radionuclide Production Cross Section



107

Incident Energy (MeV)

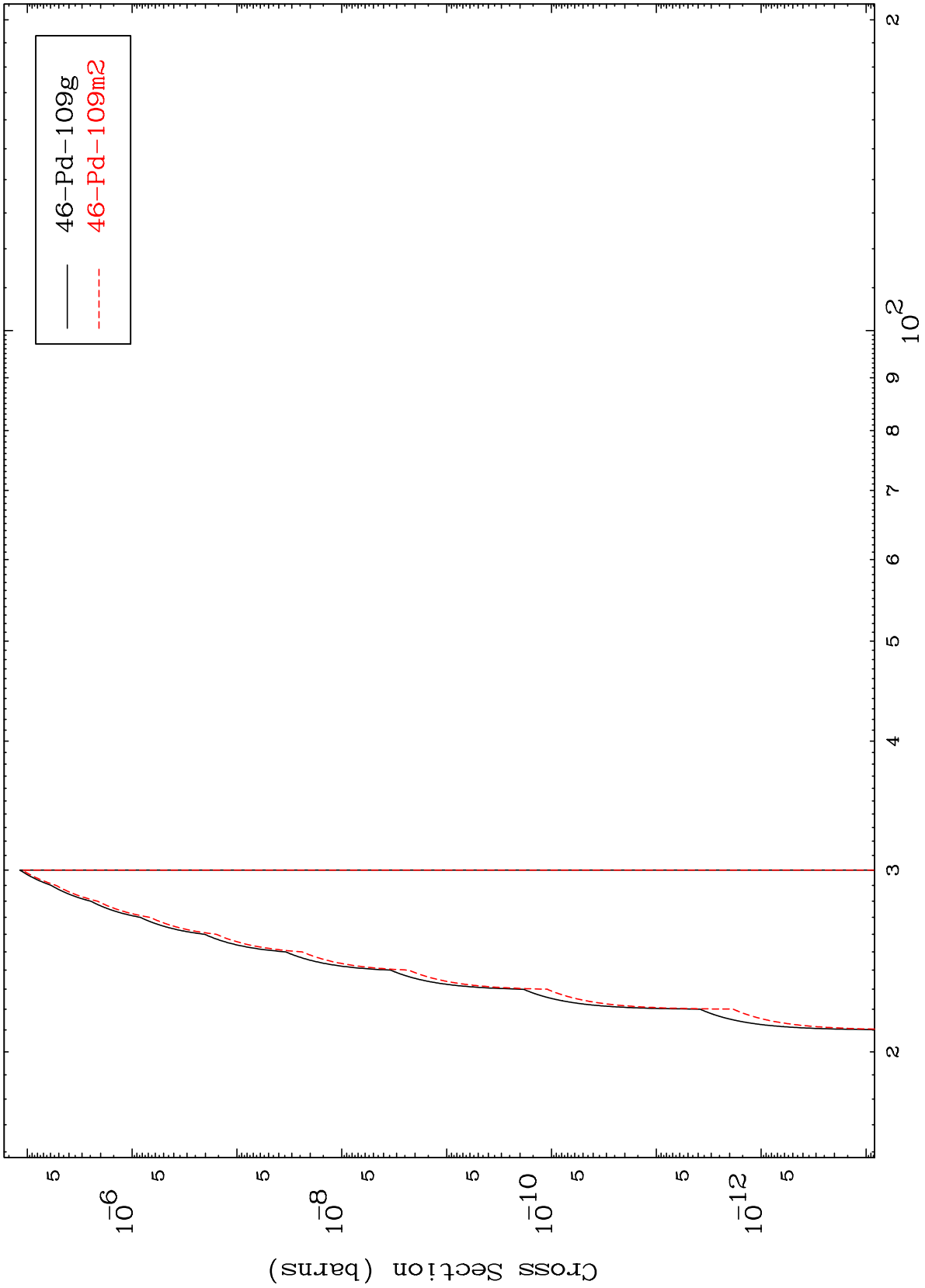
48-Cd-111

MAT 4840

(n,2n) p

48-Cd-111

Radionuclide Production Cross Section



108

Incident Energy (MeV)

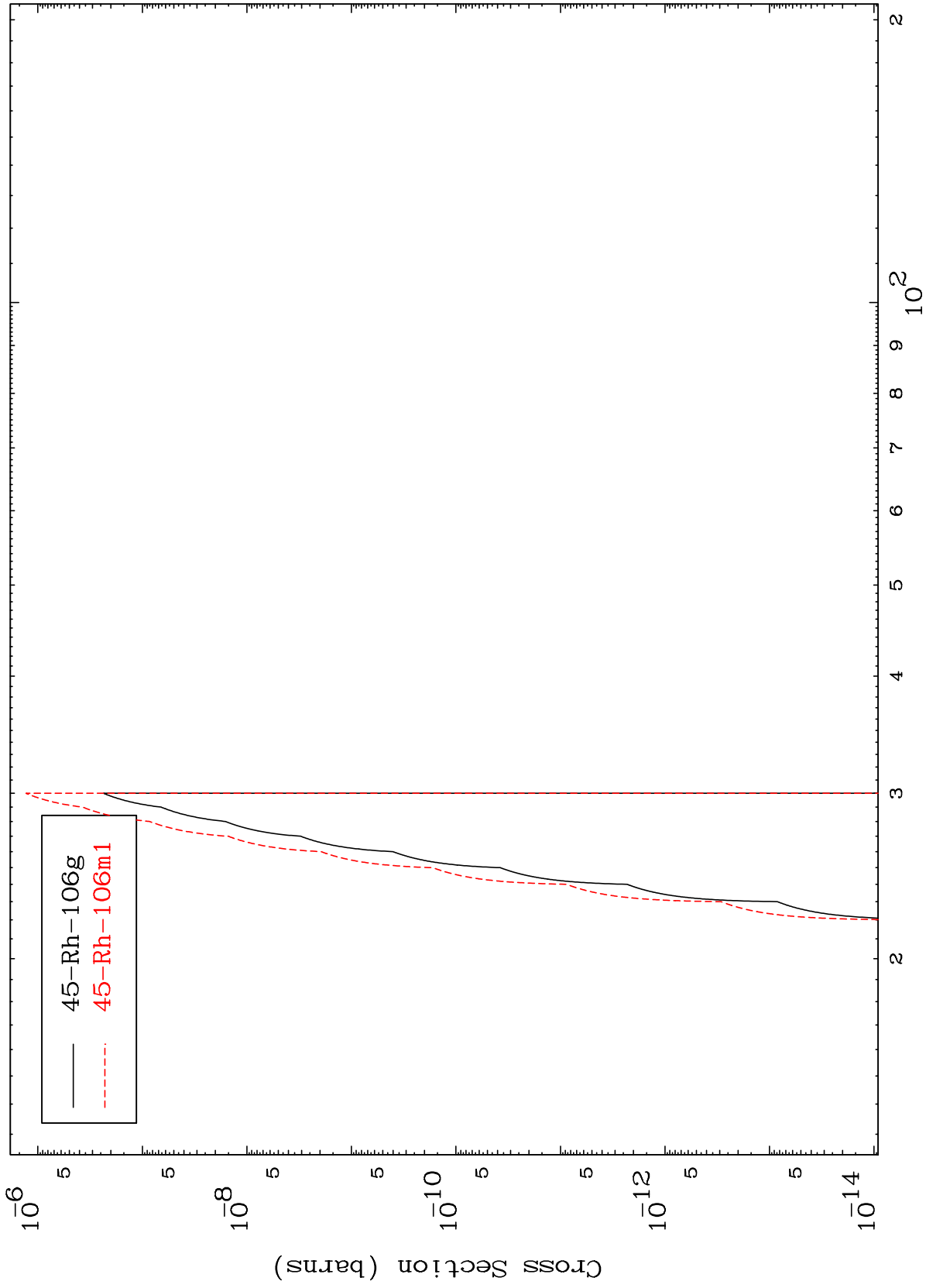
48-Cd-111

MAT 4840

(n,n') p α

48-Cd-111

Radionuclide Production Cross Section



109

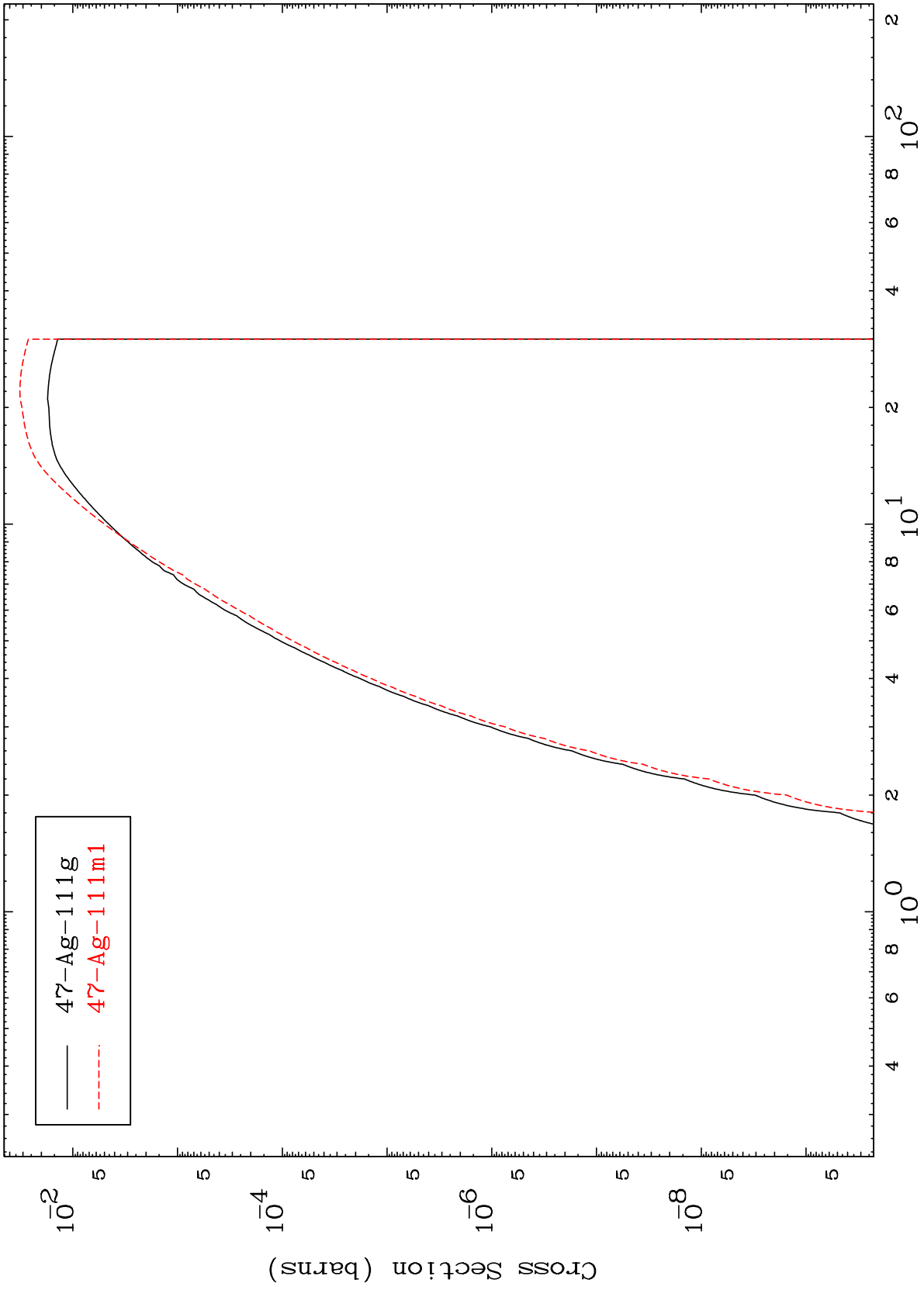
Incident Energy (MeV)

48-Cd-111

MAT 4840

48-Cd-111

(n,p)
Radionuclide Production Cross Section



110

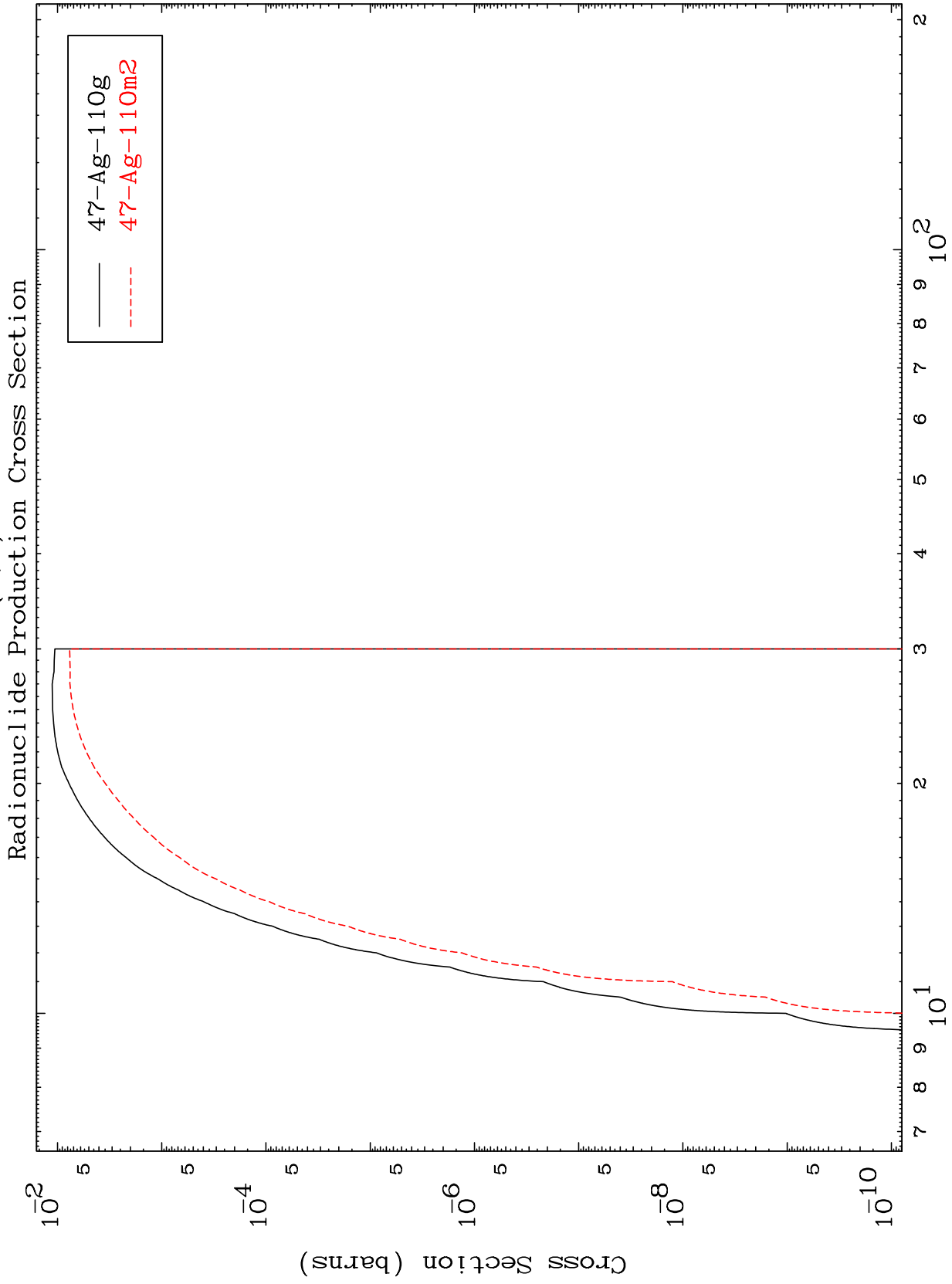
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,d)

48-Cd-111



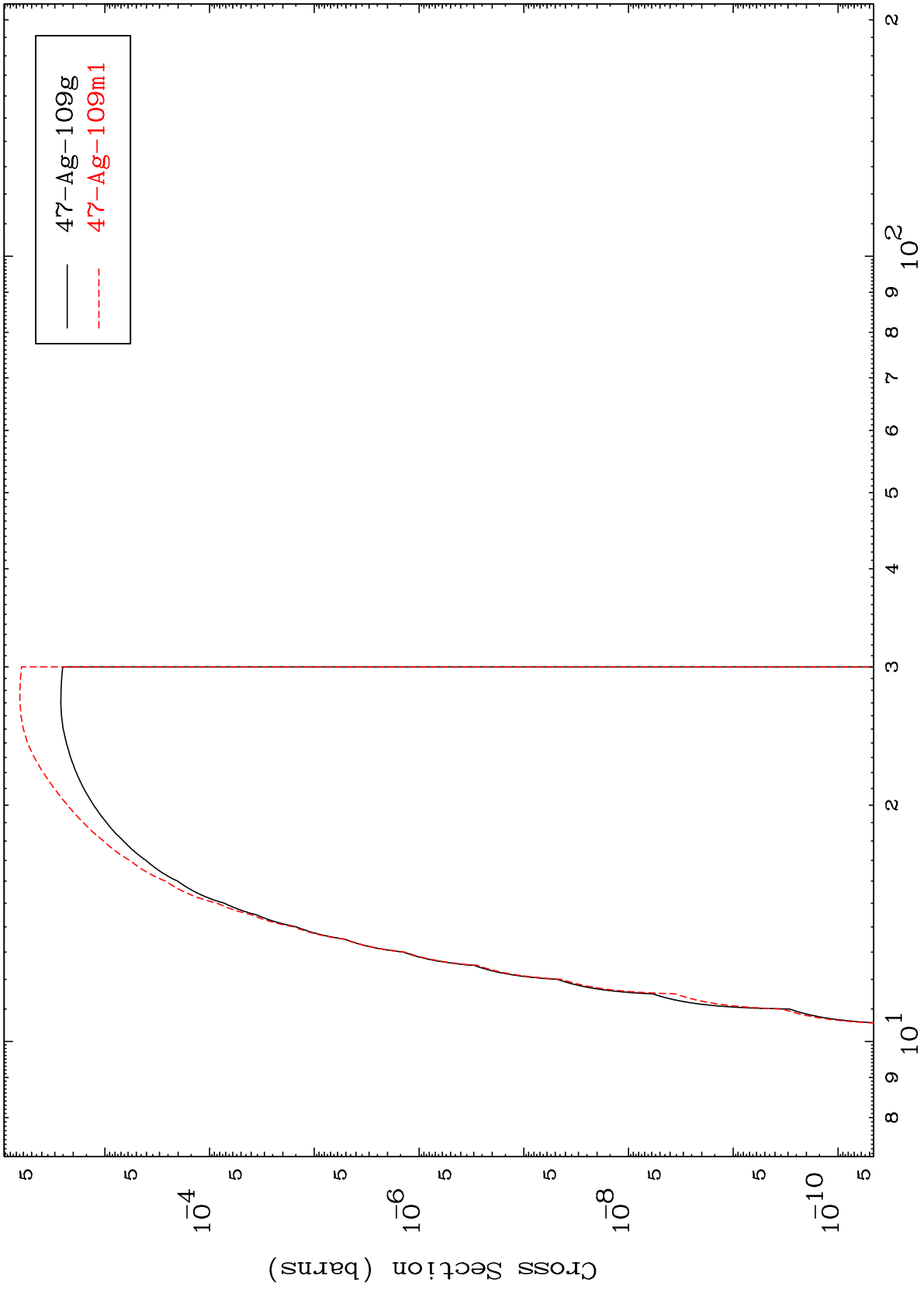
111

48-Cd-111

MAT 4840

48-Cd-111

(n, t)
Radionuclide Production Cross Section



112

Incident Energy (MeV)

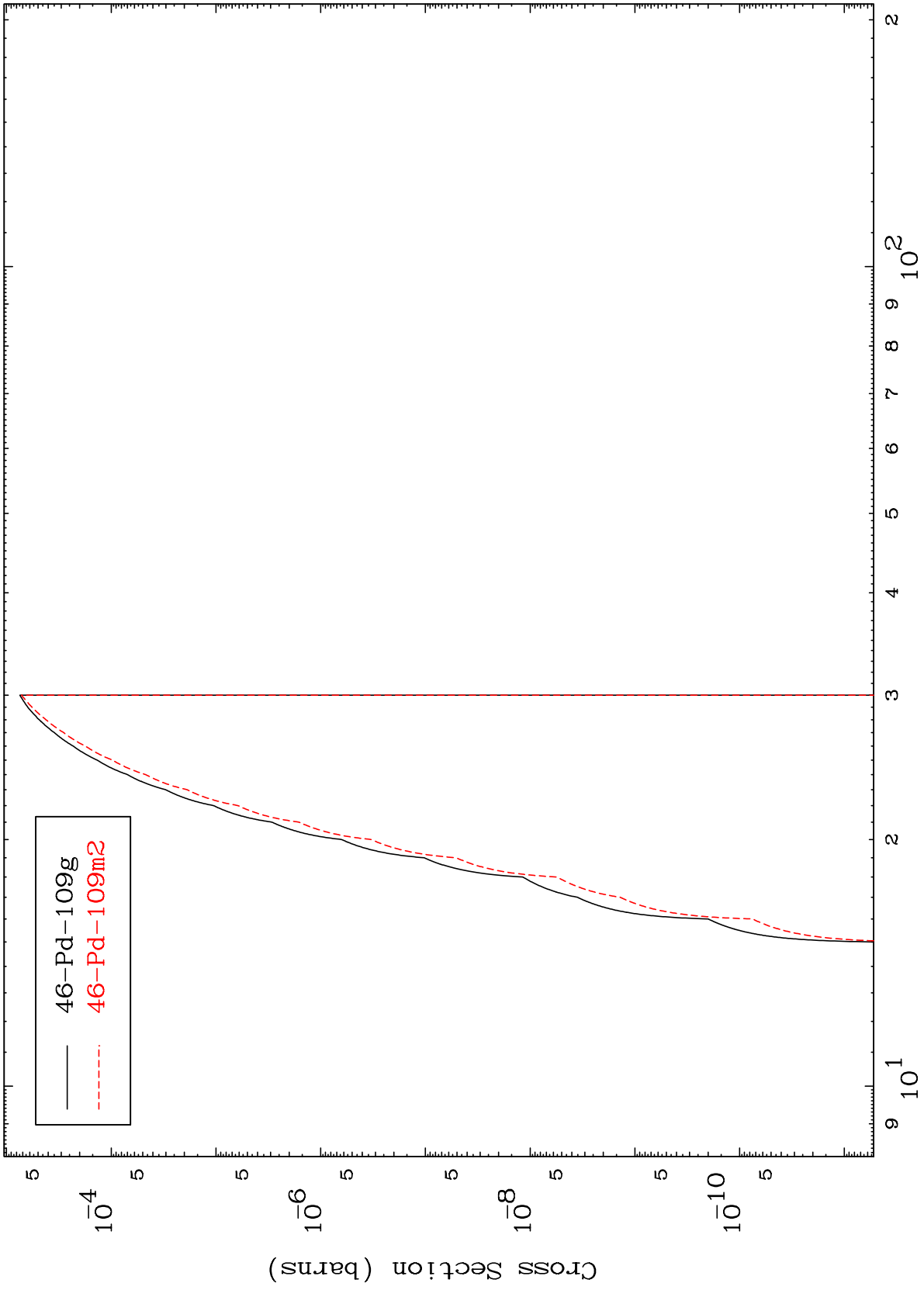
48-Cd-111

MAT 4840

(n, He-3)

48-Cd-111

Radionuclide Production Cross Section



113

Incident Energy (MeV)

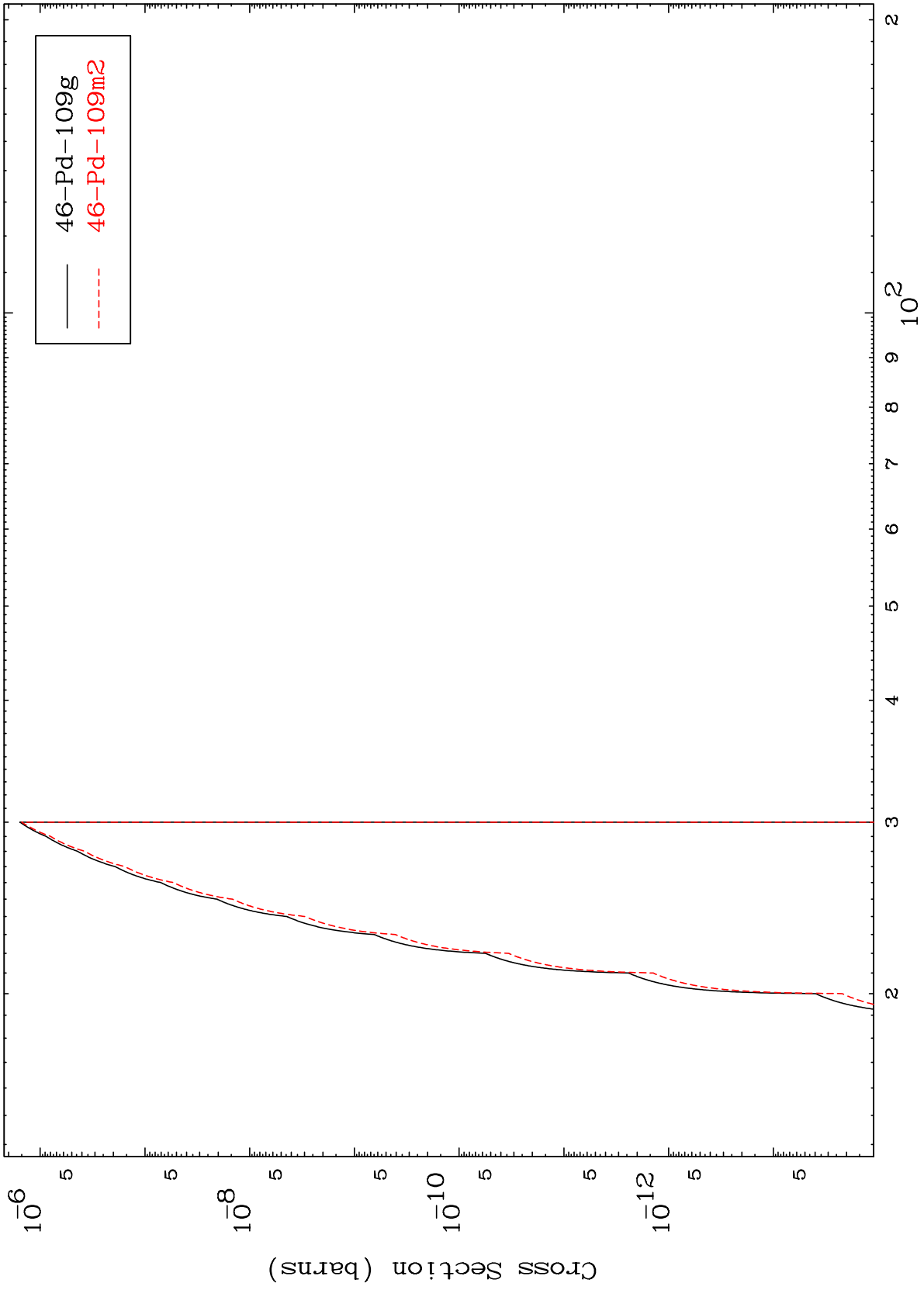
48-Cd-111

MAT 4840

(n,p) d

48-Cd-111

Radionuclide Production Cross Section



114

Incident Energy (MeV)

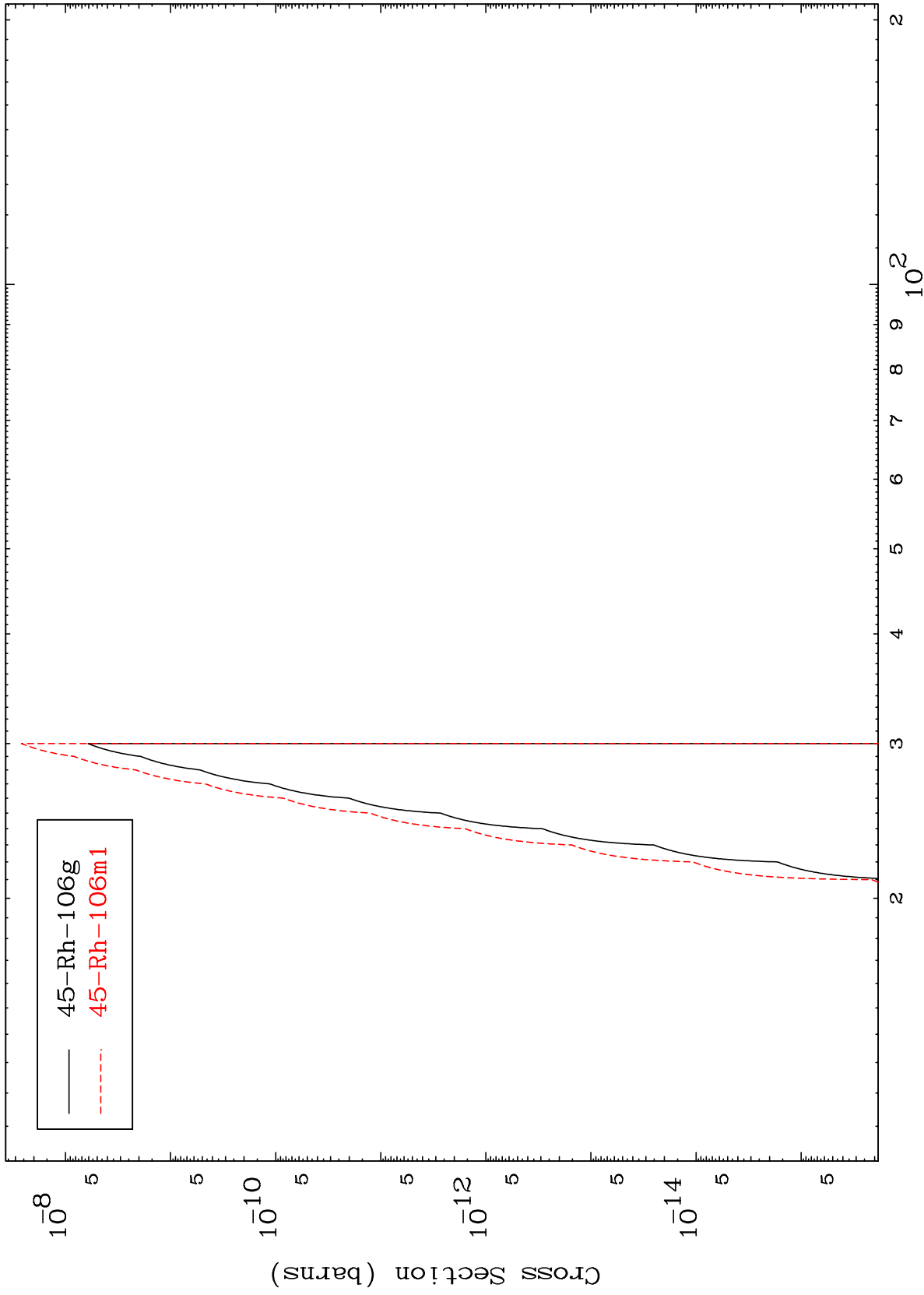
48-Cd-111

MAT 4840

(n,d) α

48-Cd-111

Radionuclide Production Cross Section



115

Incident Energy (MeV)

48-Cd-111