

Program EVALPLOT
(Version 2018-1)

by

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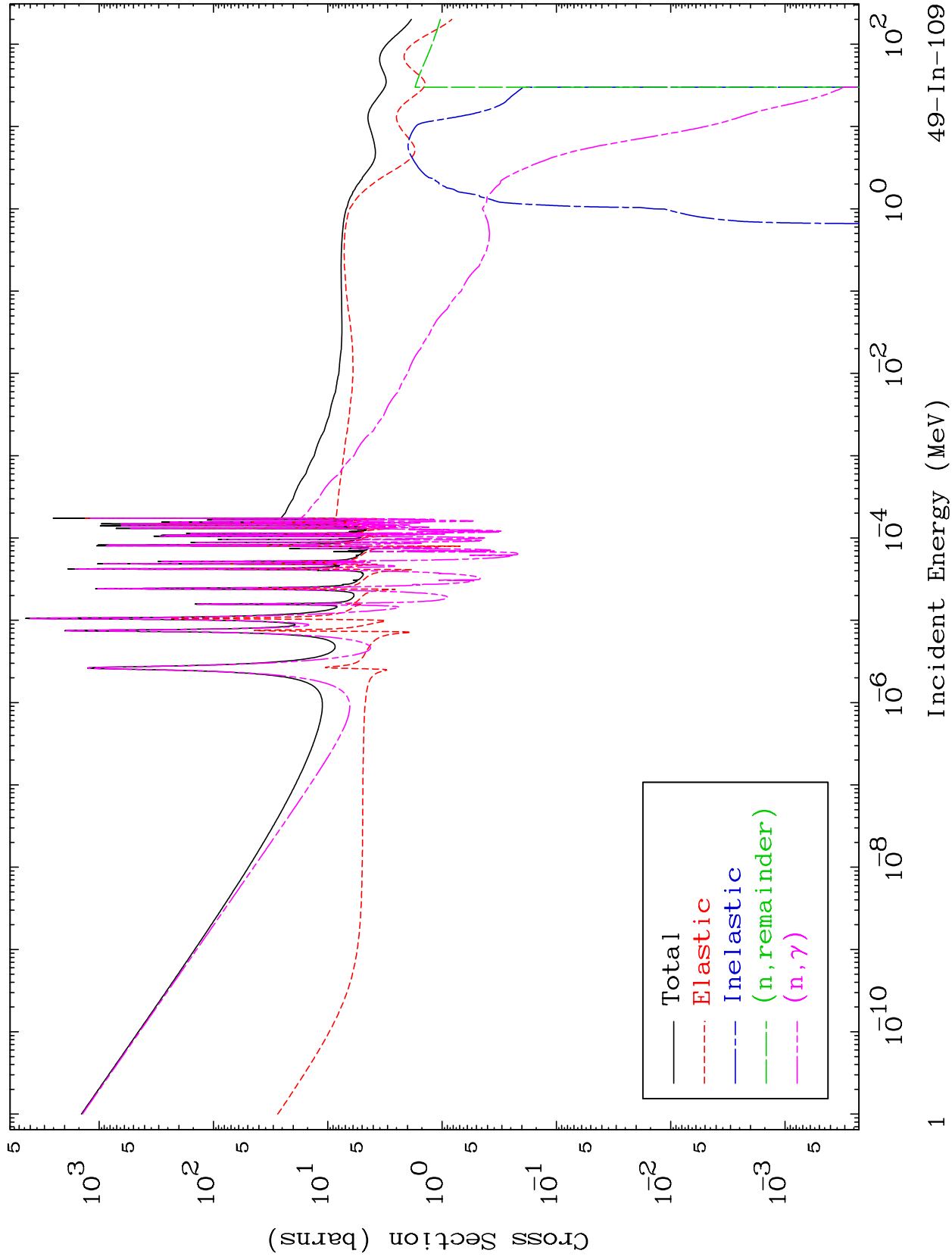
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4913

Major
293 Kelvin Cross Sections

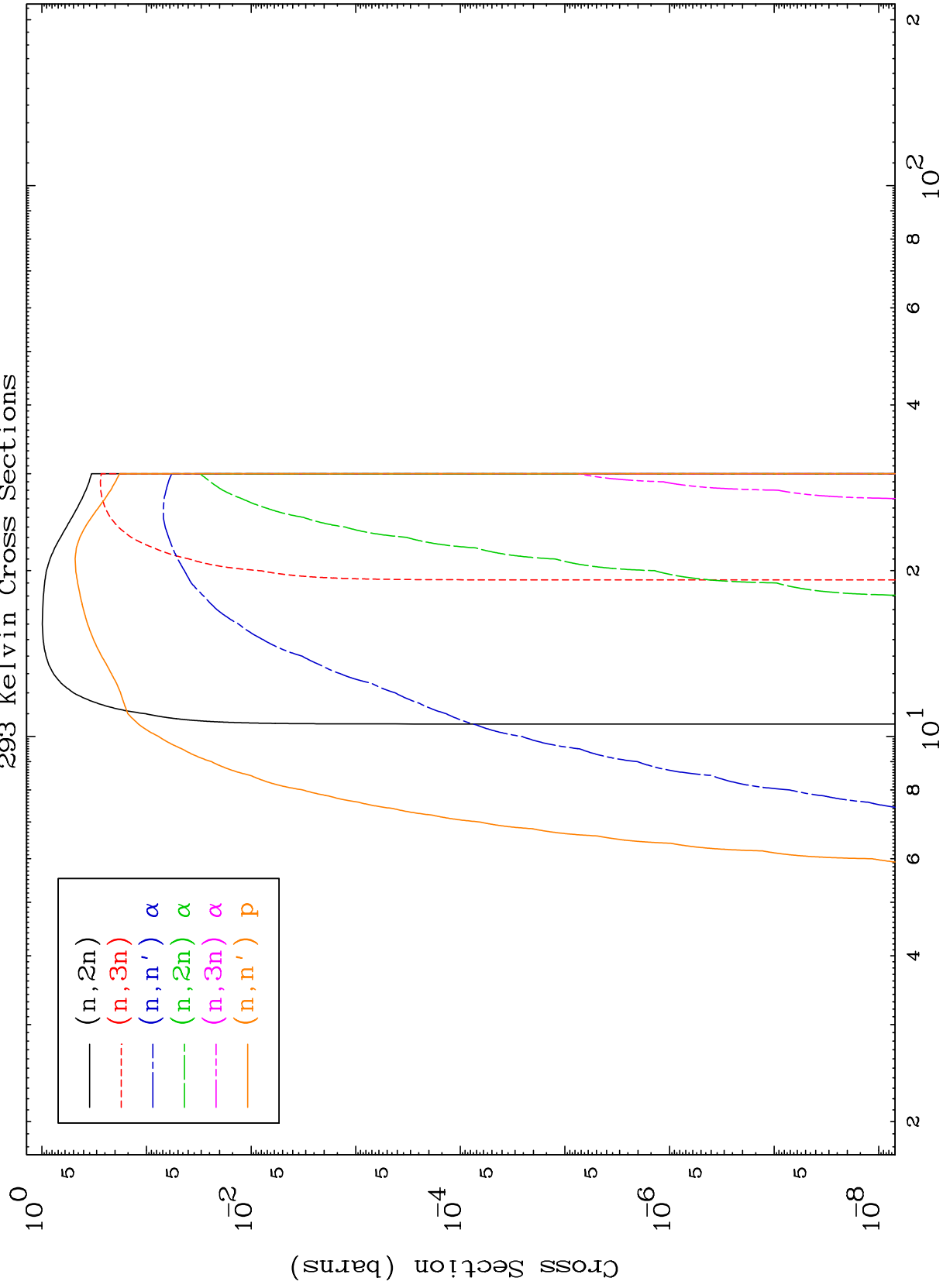
49-In-109



MAT 4913

Neutron Production
293 Kelvin Cross Sections

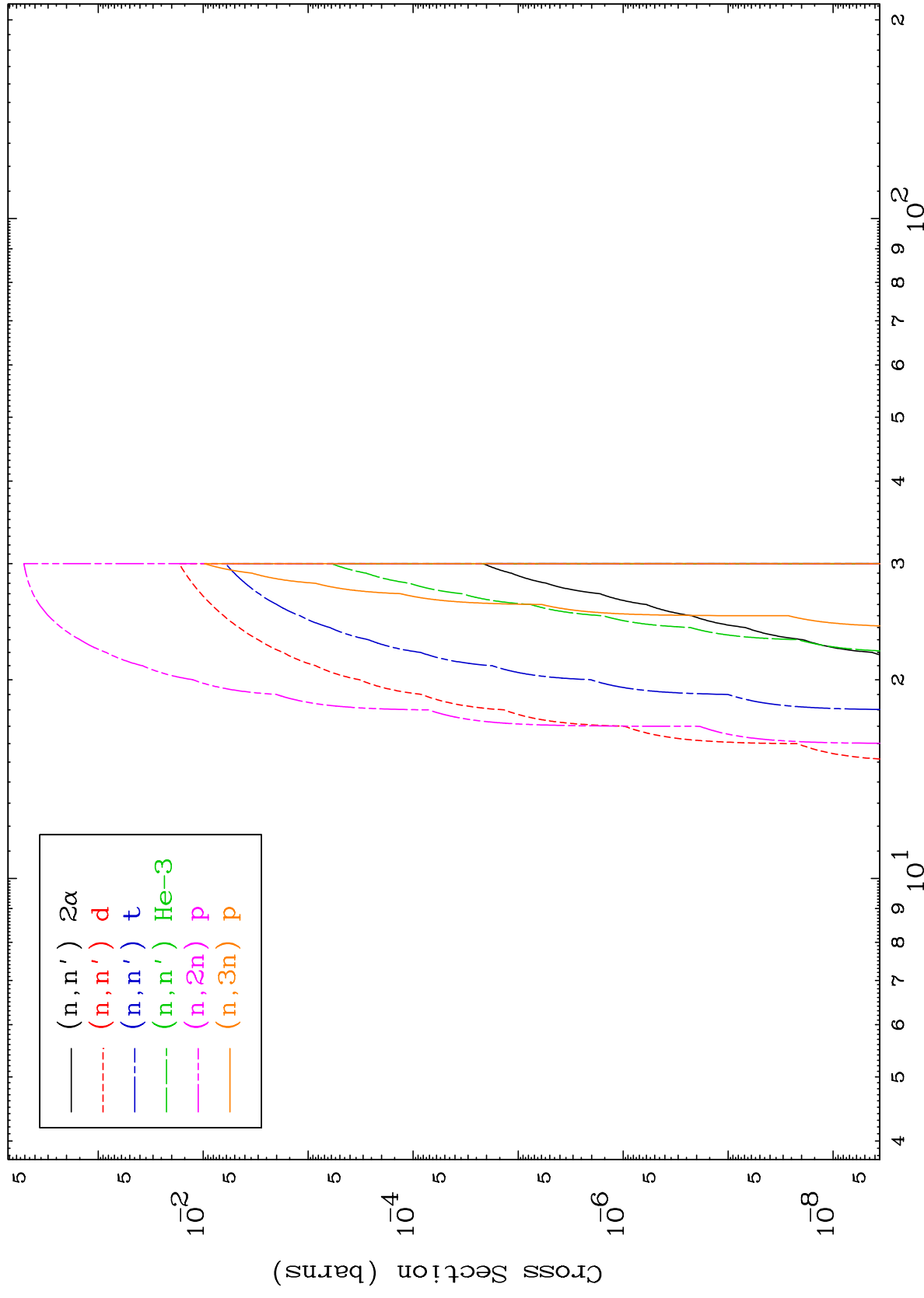
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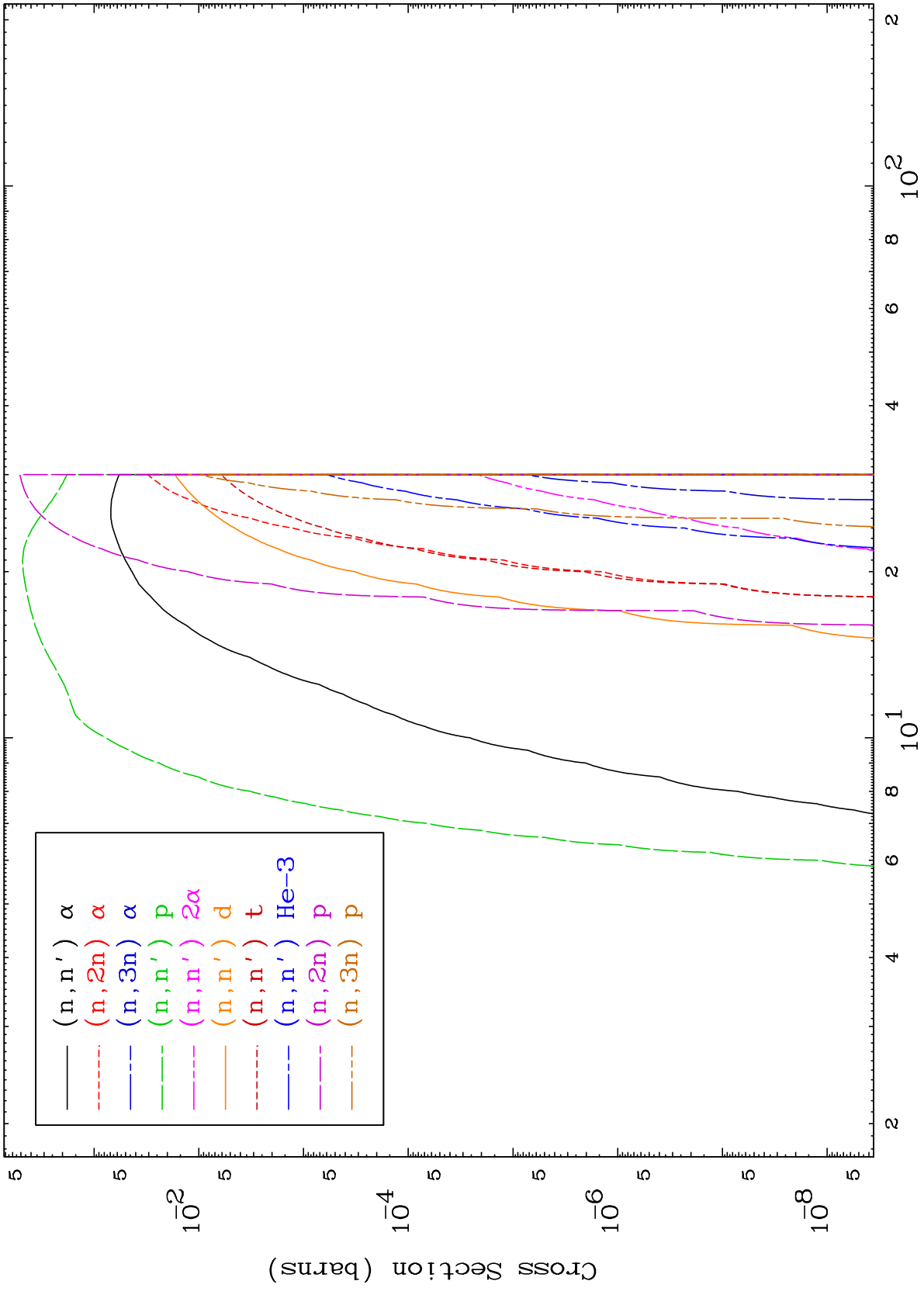


2

Incident Energy (MeV)

49-In-109

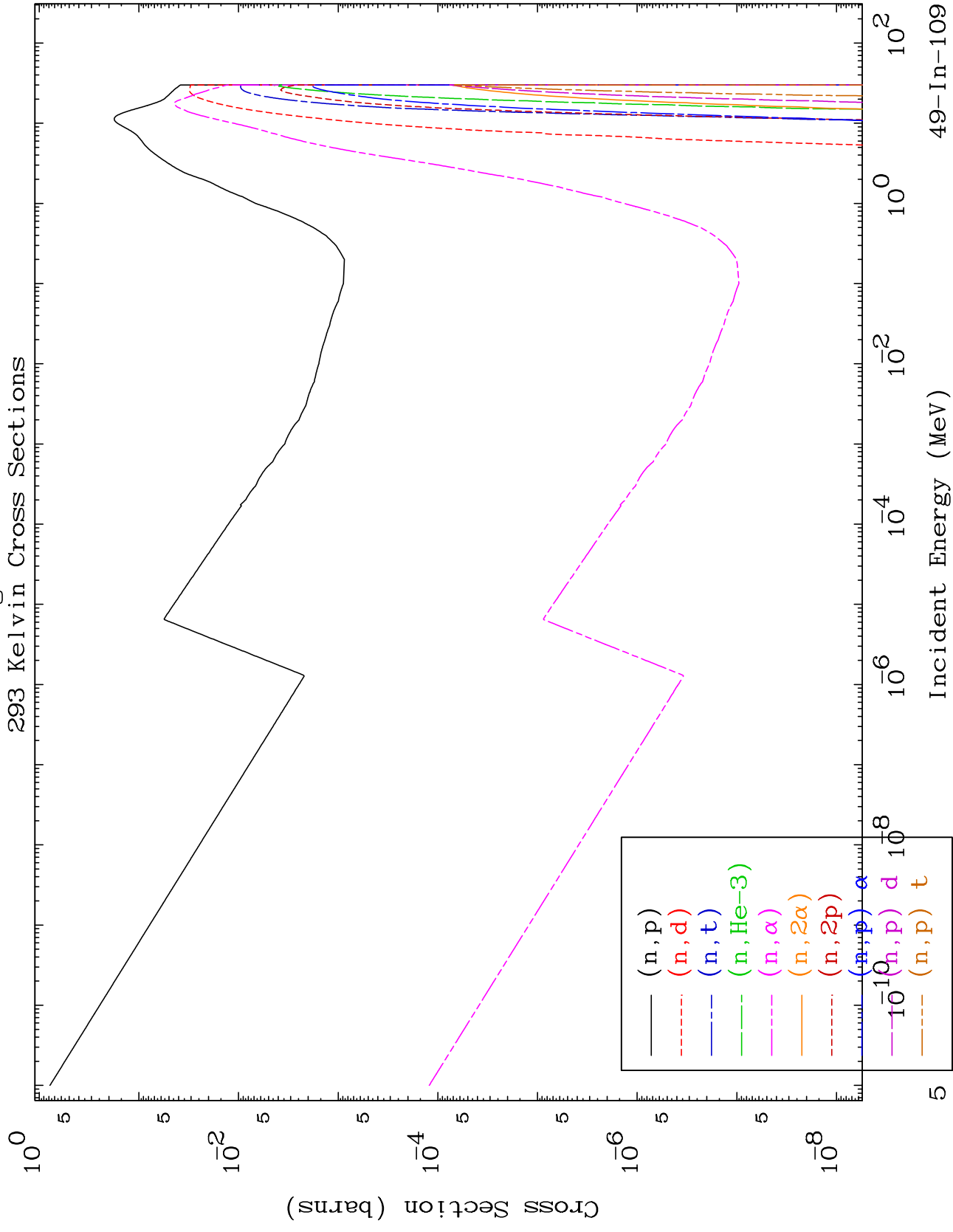




MAT 4913

Charged Particle
293 Kelvin Cross Sections

49-In-109

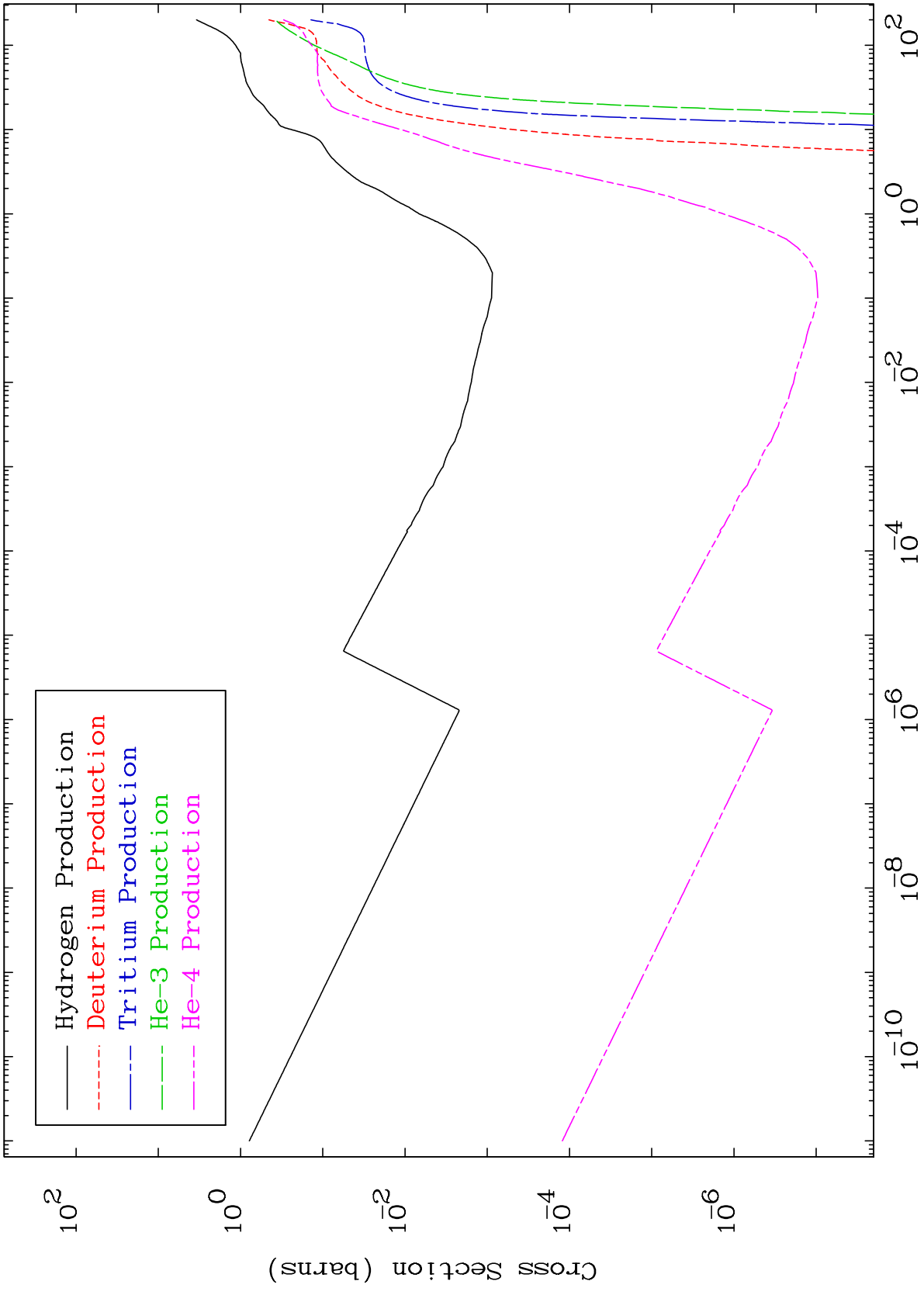


49-In-109

MAT 4913

Particle Production
293 Kelvin Cross Sections

49-In-109



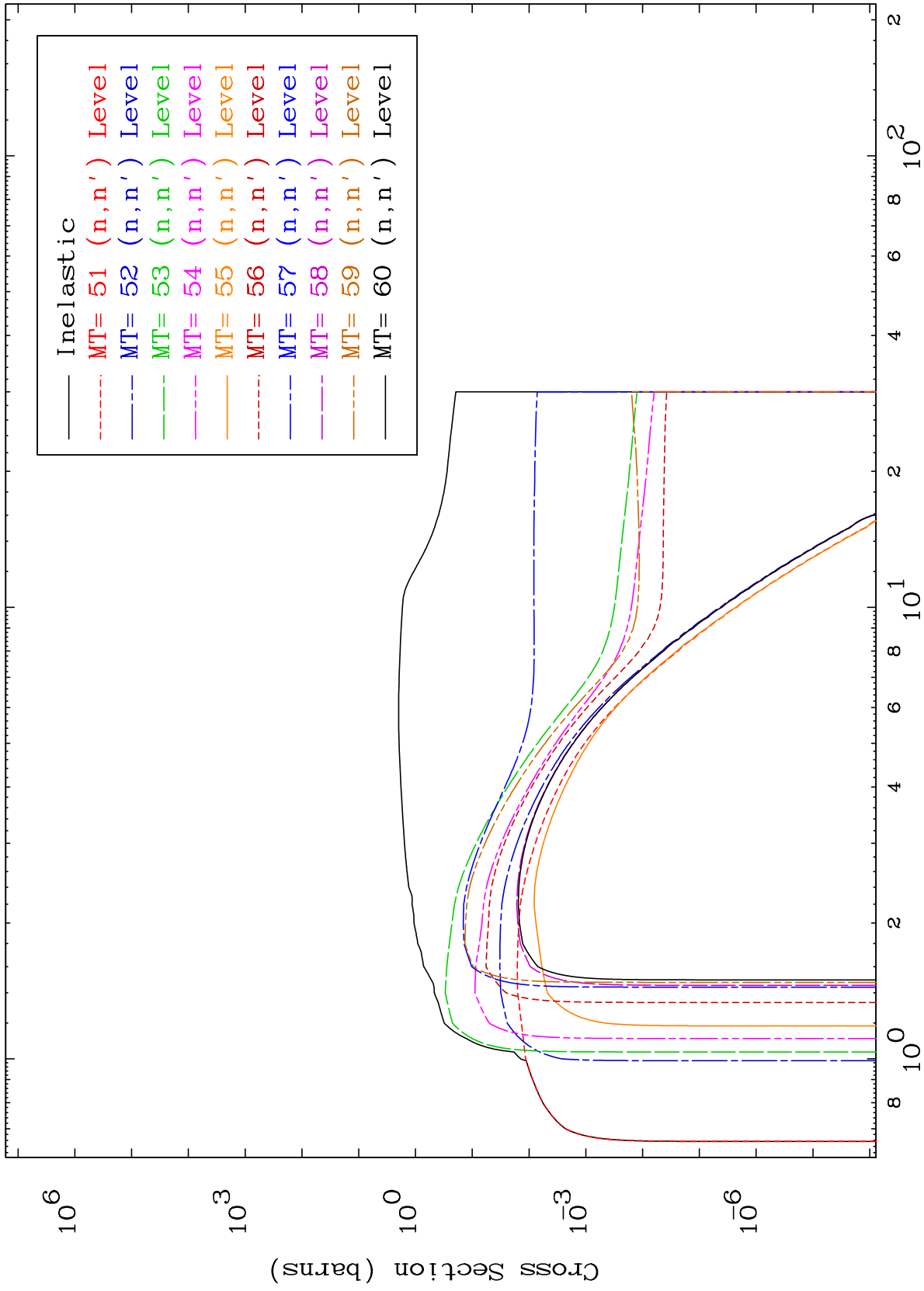
49-In-109

MAT 4913

(n,n') Level

49-In-109

293 Kelvin Cross Sections



7

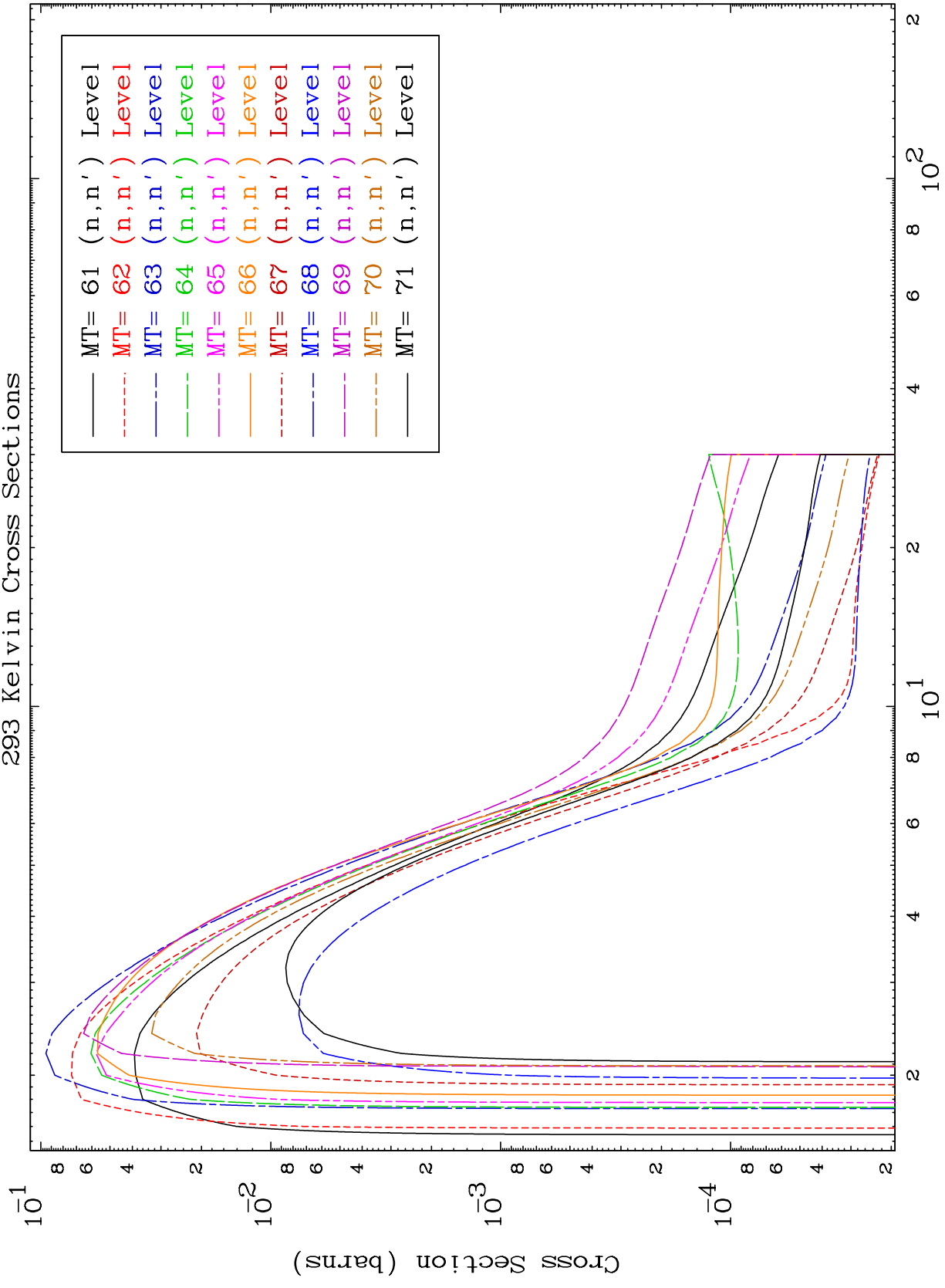
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MAT 4913

(n,n') Level

49-In-109

293 Kelvin Cross Sections



8

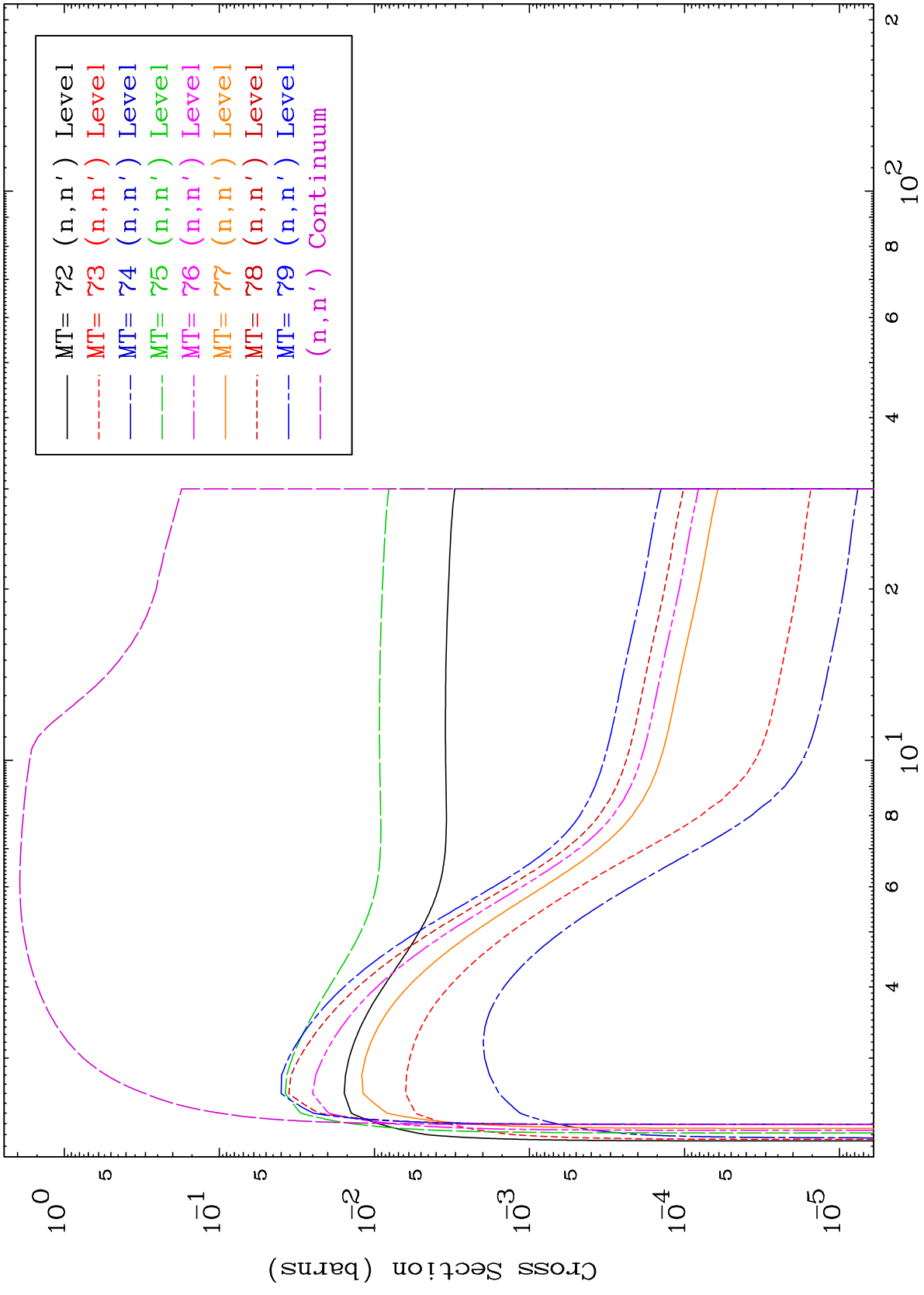
Incident Energy (MeV)

49-In-109

MAT 4913

(n,n') Level
293 Kelvin Cross Sections

49-In-109



9

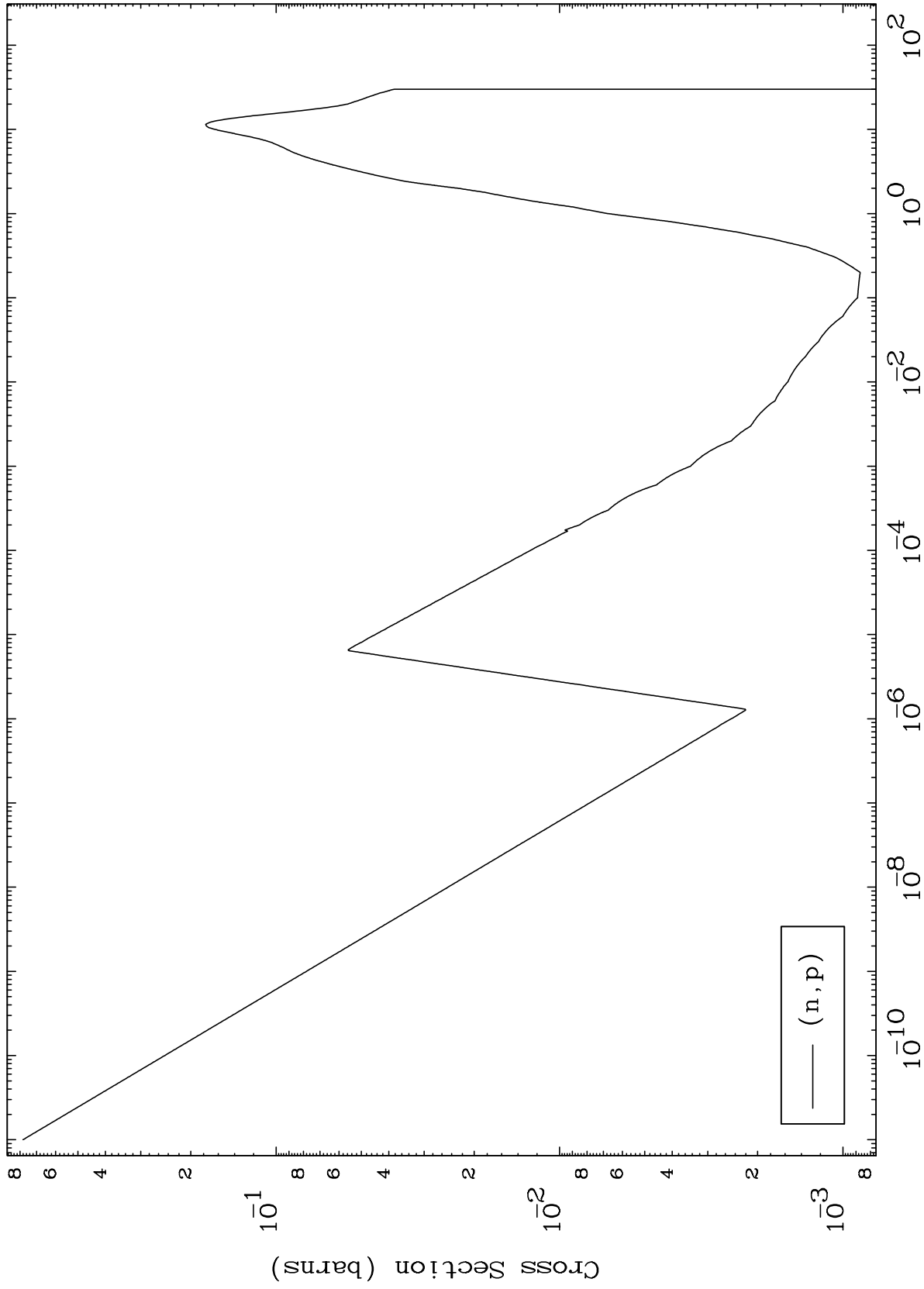
Incident Energy (MeV)

49-In-109

MAT 4913

(n,p) Levels
293 Kelvin Cross Sections

49-In-109



10

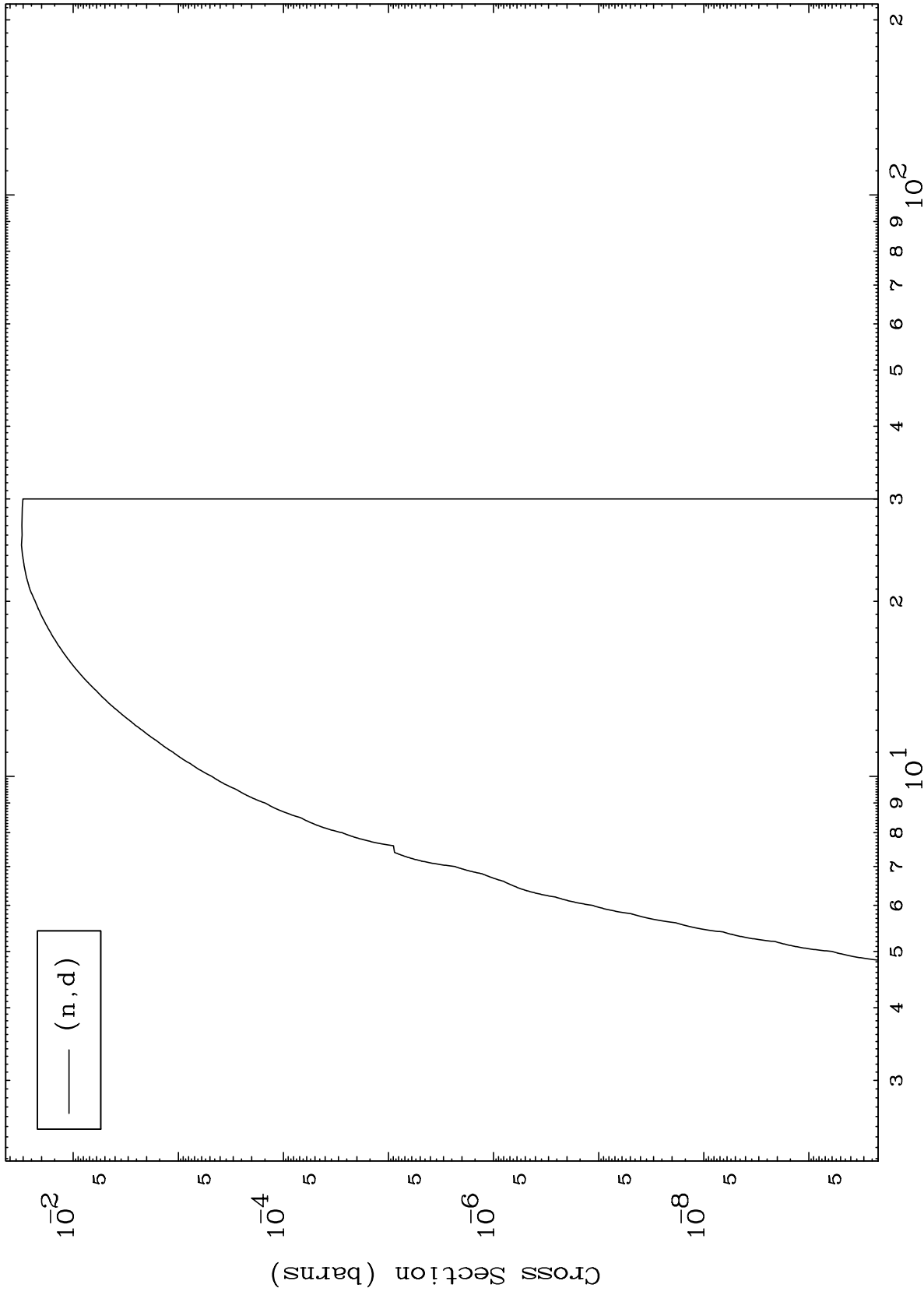
Incident Energy (MeV)

49-In-109

MAT 4913

(n,d) Levels
293 Kelvin Cross Sections

49-In-109



11

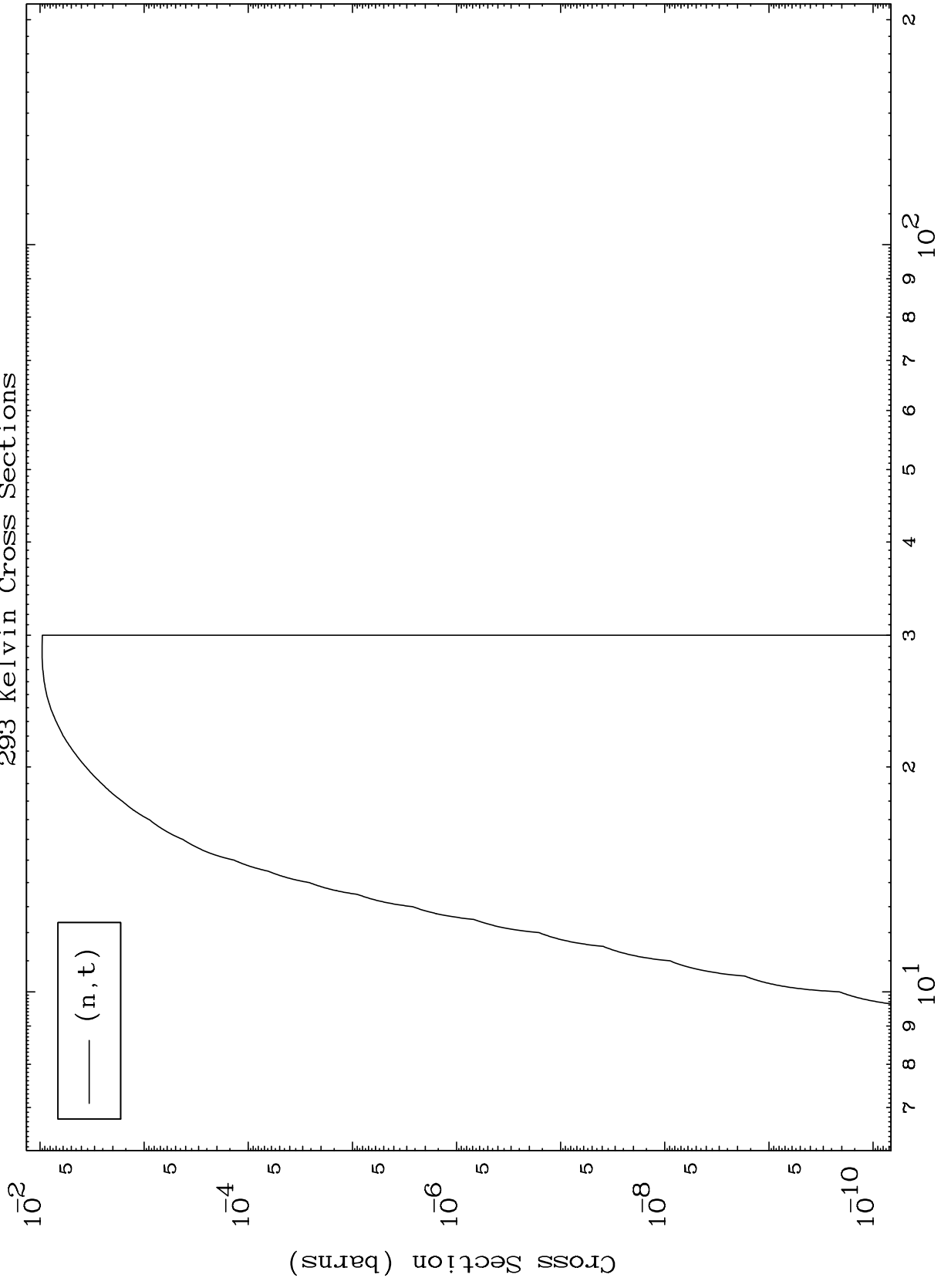
Incident Energy (MeV)

49-In-109

MAT 4913

(n,t) Levels
293 Kelvin Cross Sections

49-In-109



12

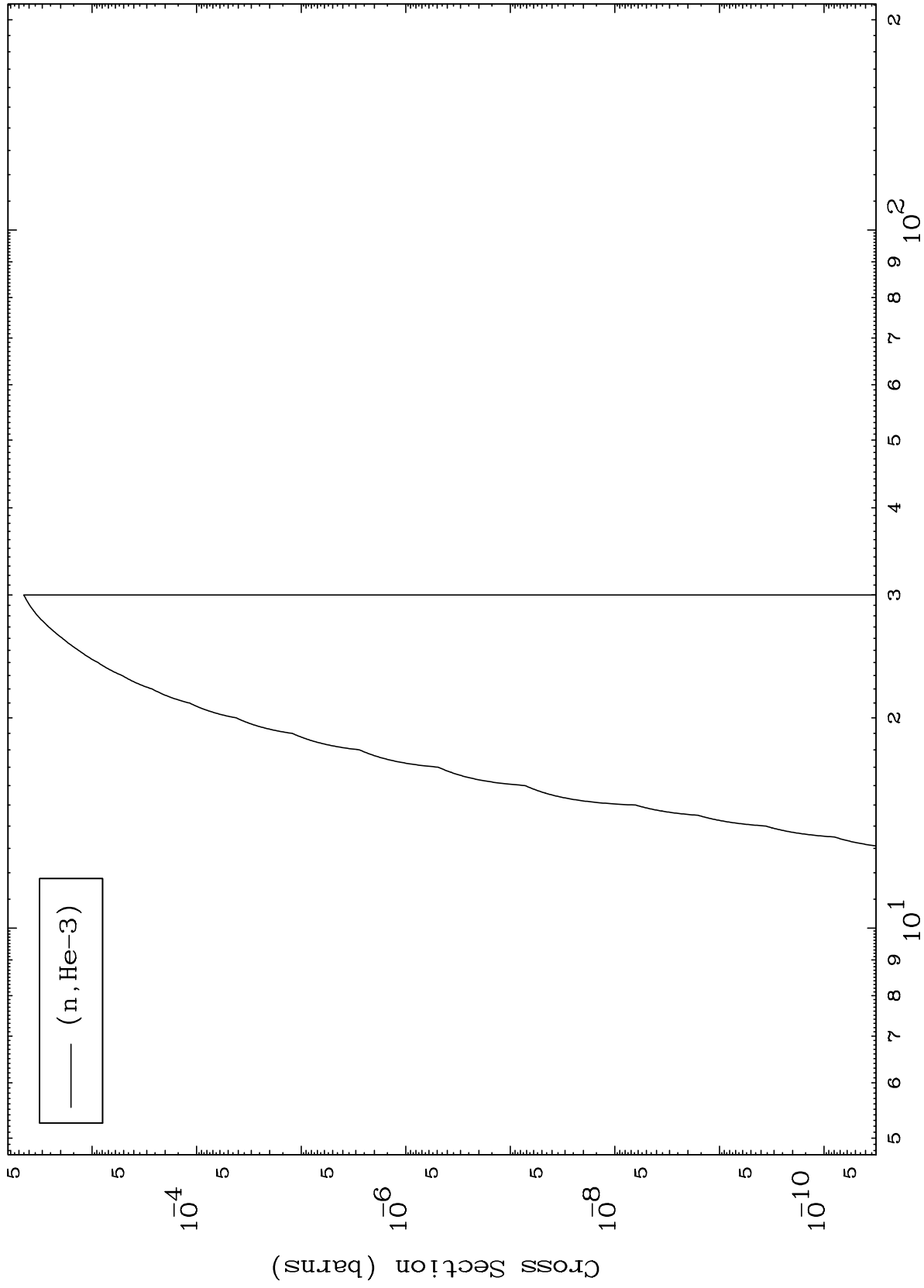
Incident Energy (MeV)

49-In-109

MAT 4913

(n,He3) Levels
293 Kelvin Cross Sections

49-In-109



13

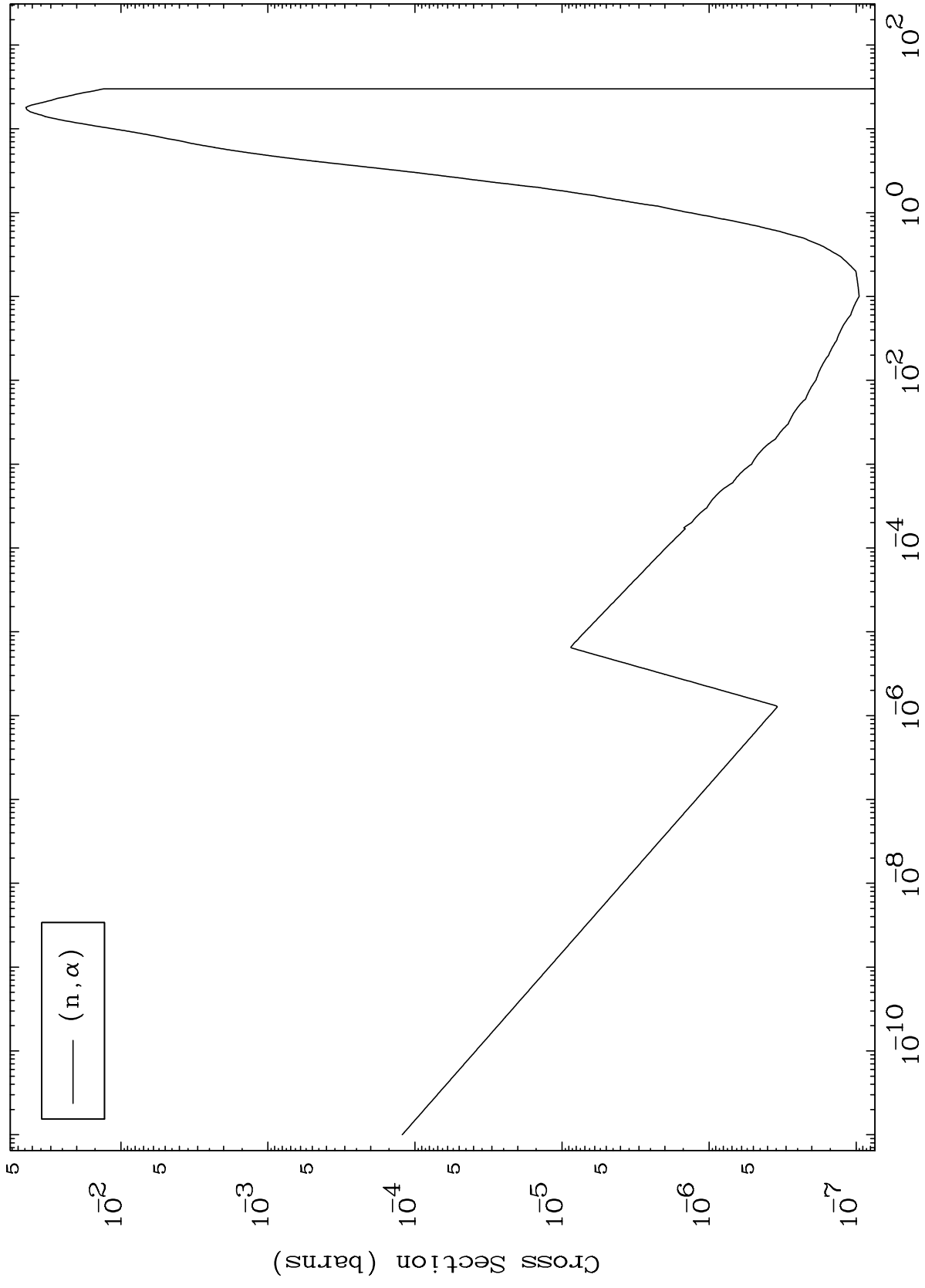
Incident Energy (MeV)

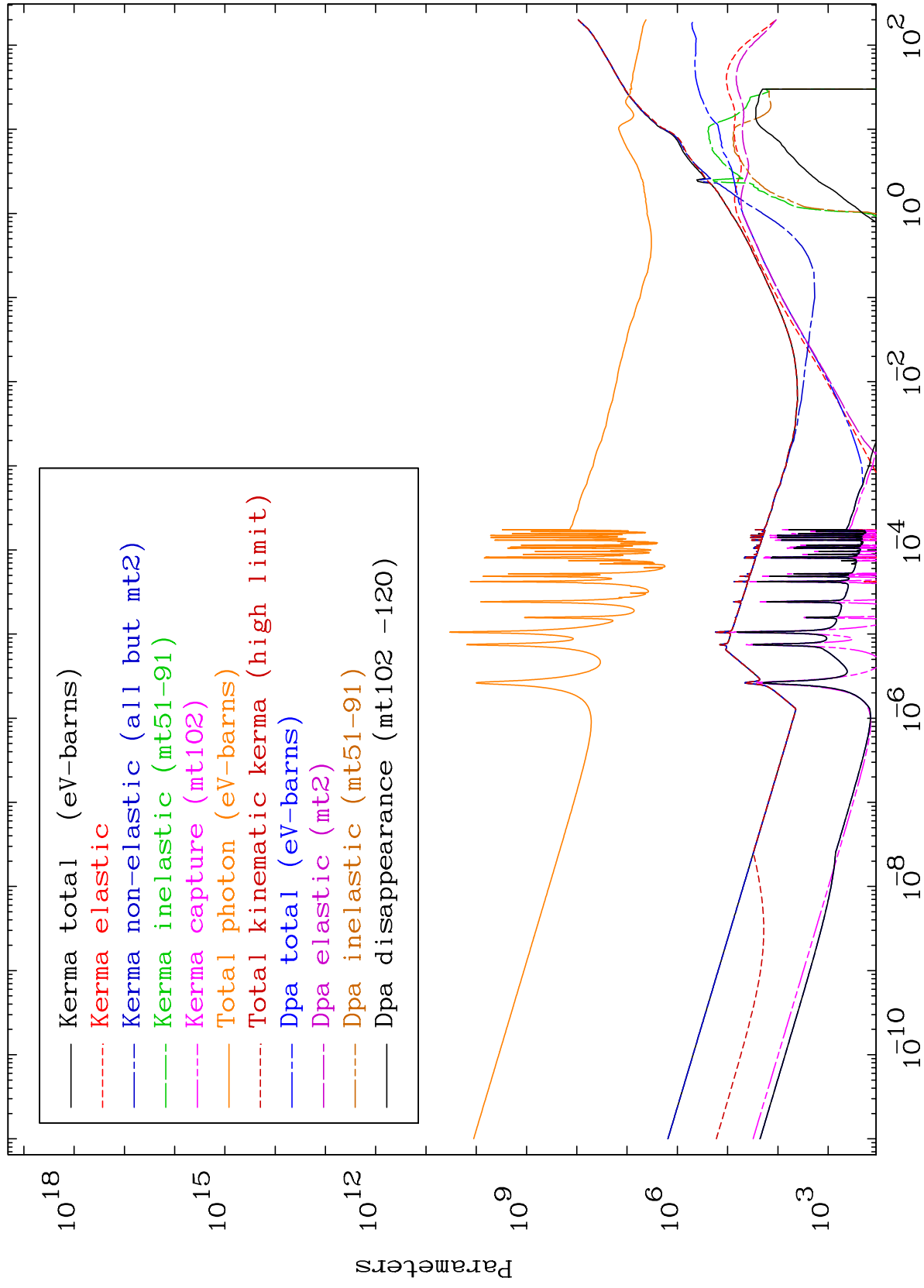
49-In-109

MAT 4913

(n,α) Levels
293 Kelvin Cross Sections

49-In-109

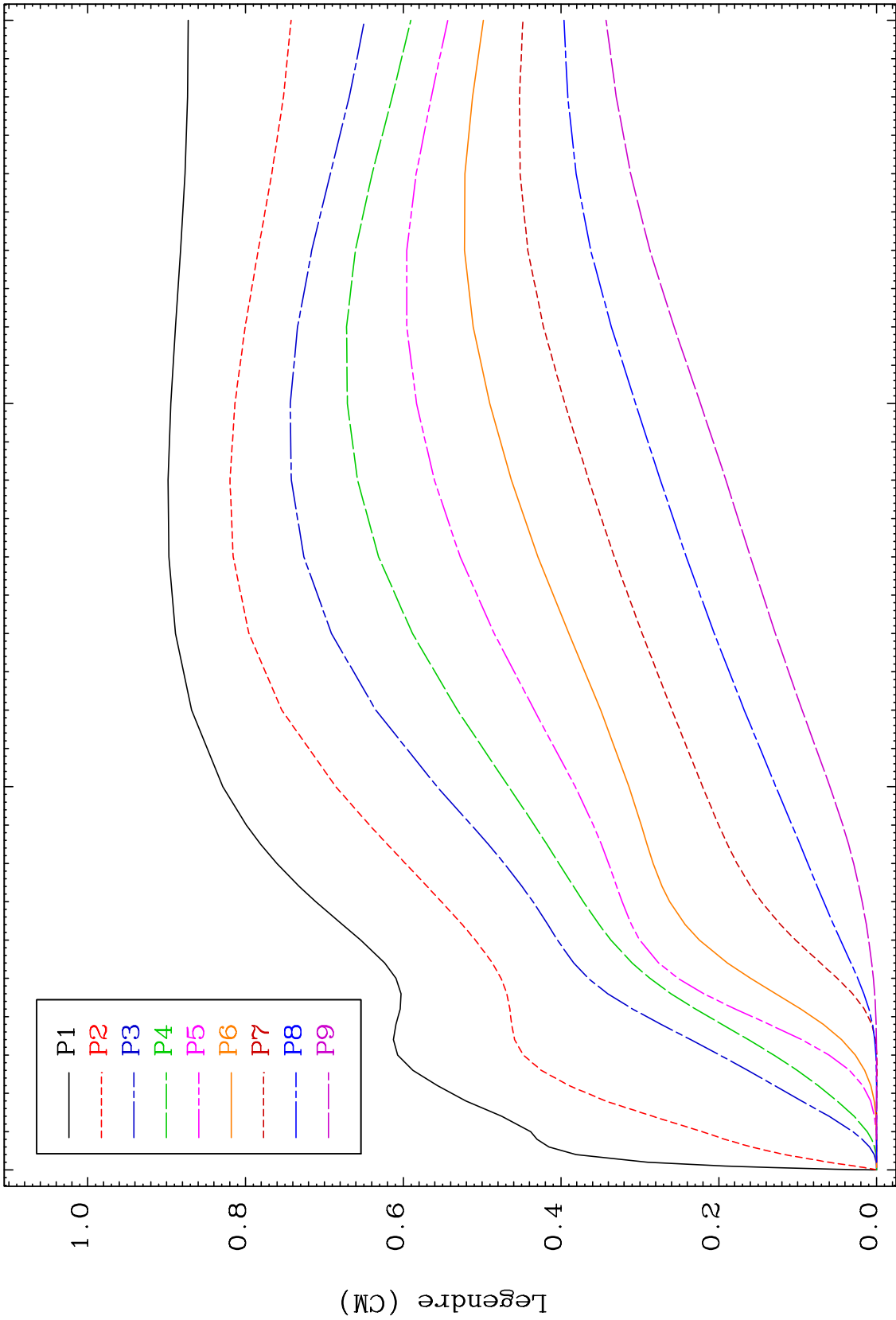




MAT 4913

Elastic Legendre Coefficients

49-In-109



16

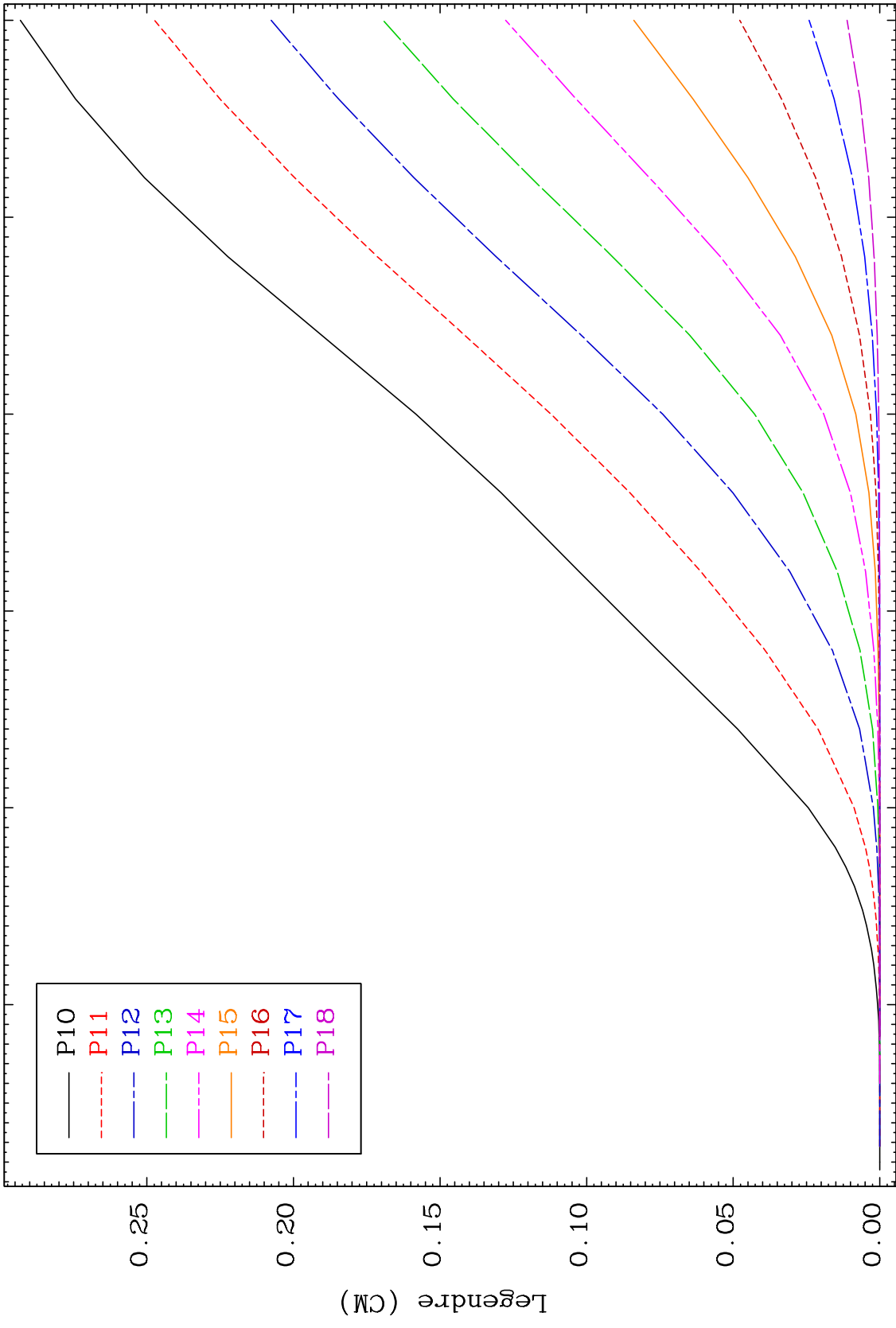
Incident Energy (MeV)

49-In-109

MAT 4913

Elastic Legendre Coefficients

49-In-109



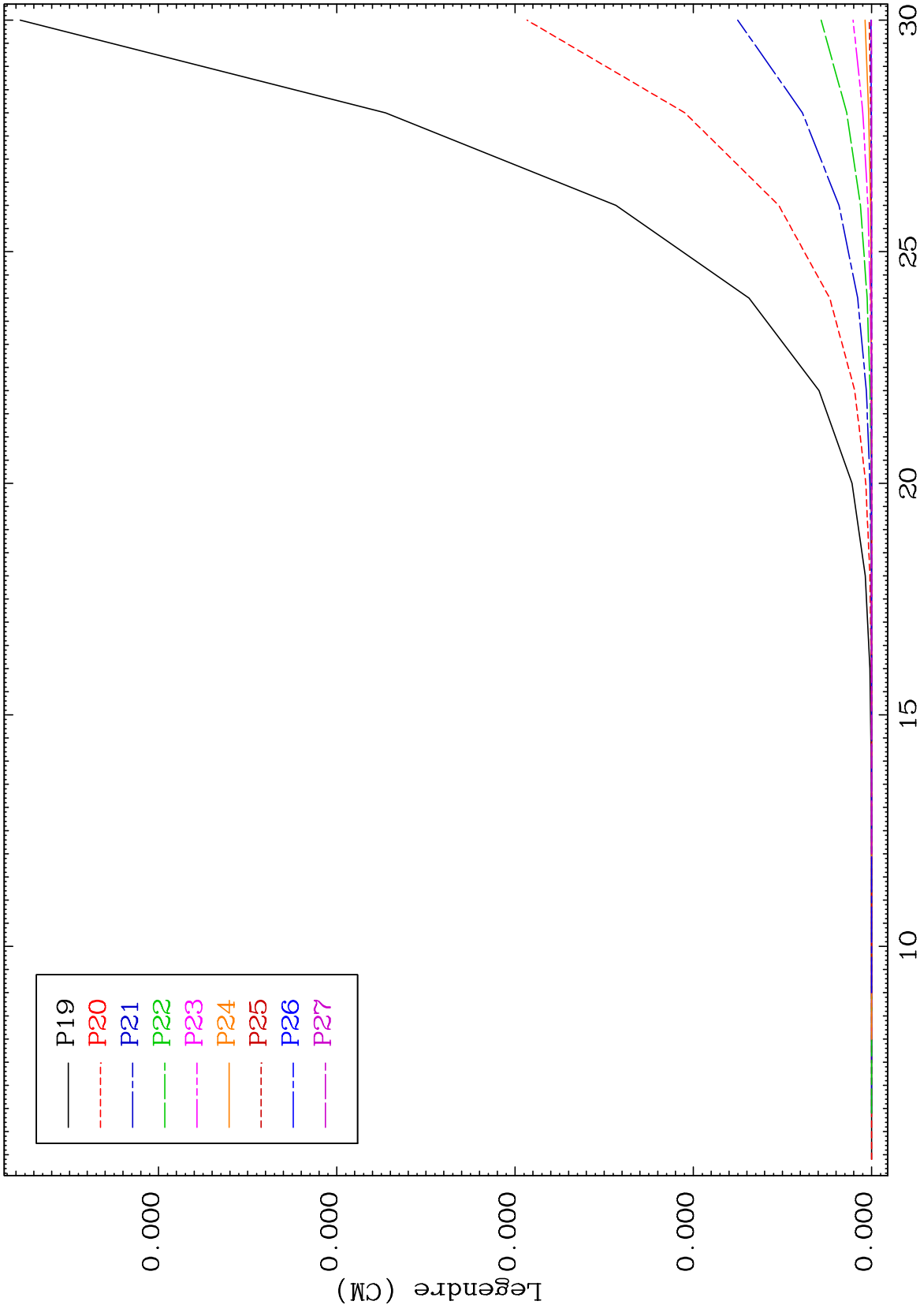
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49-In-109

MAT 4913

Elastic Legendre Coefficients

49-In-109



18

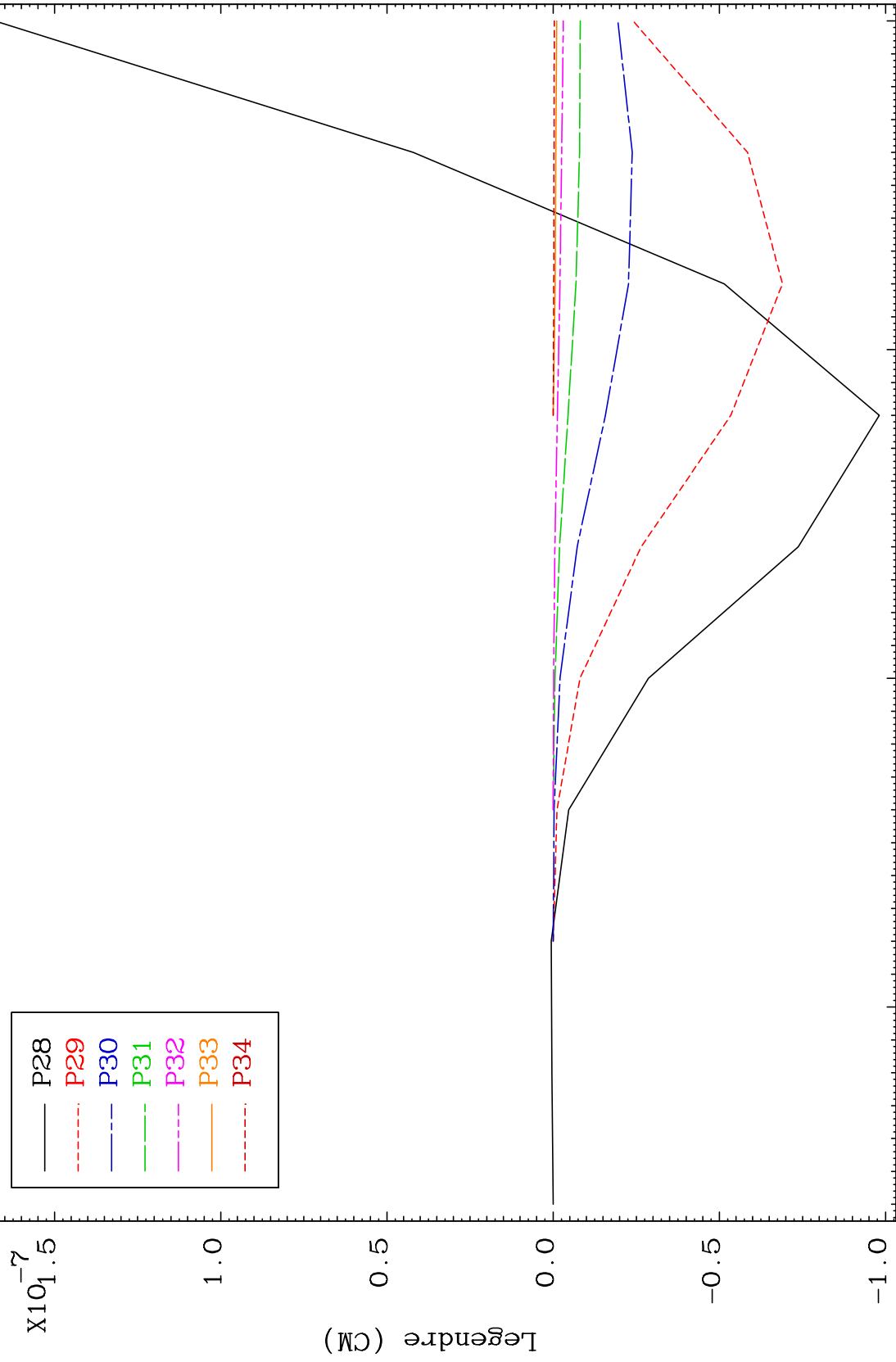
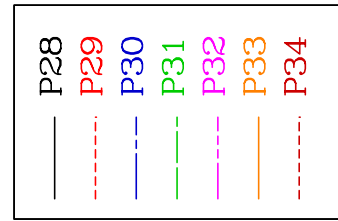
Incident Energy (MeV)

49-In-109

MAT 4913

Elastic Legendre Coefficients

49-In-109



19

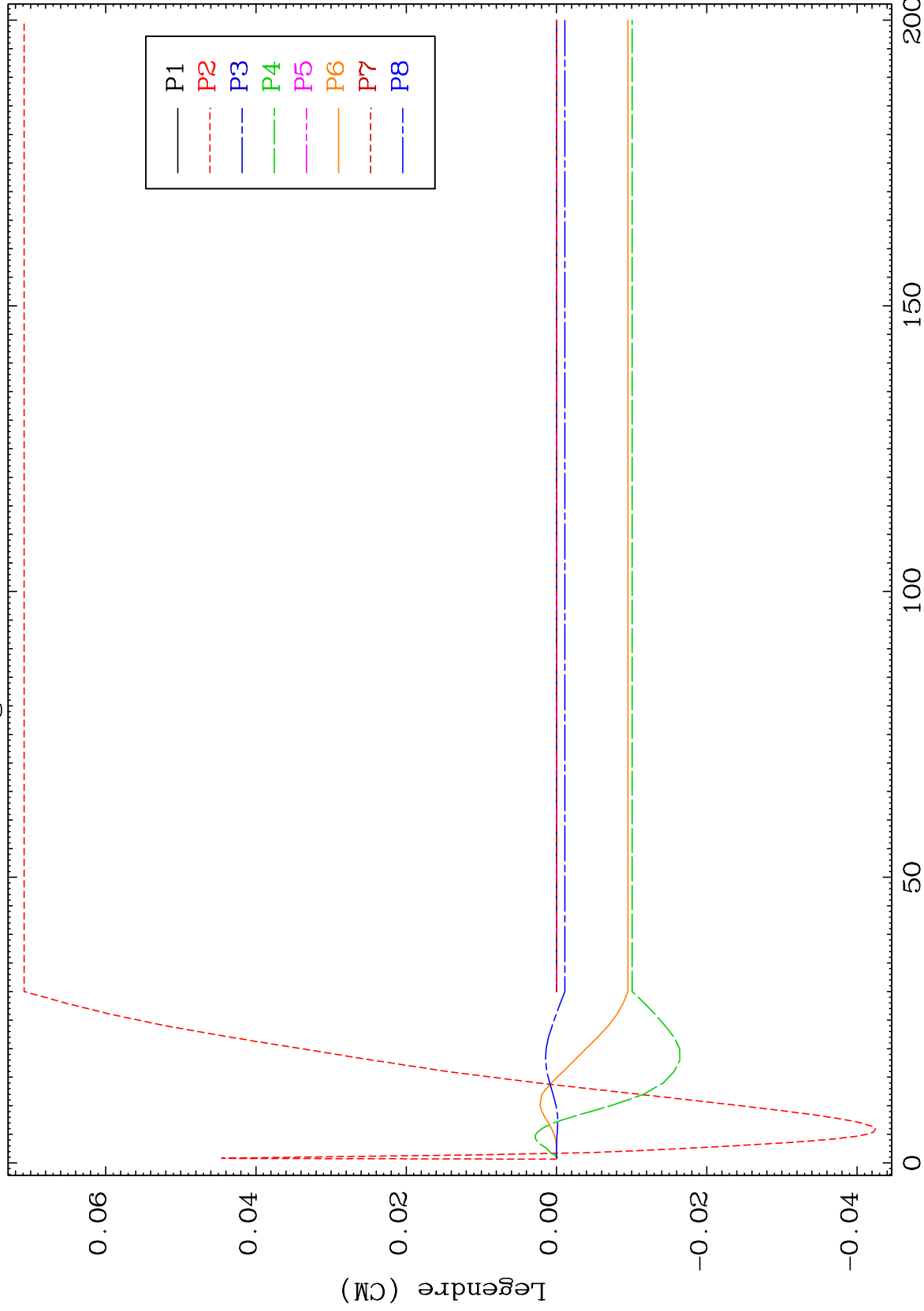
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



49-In-109

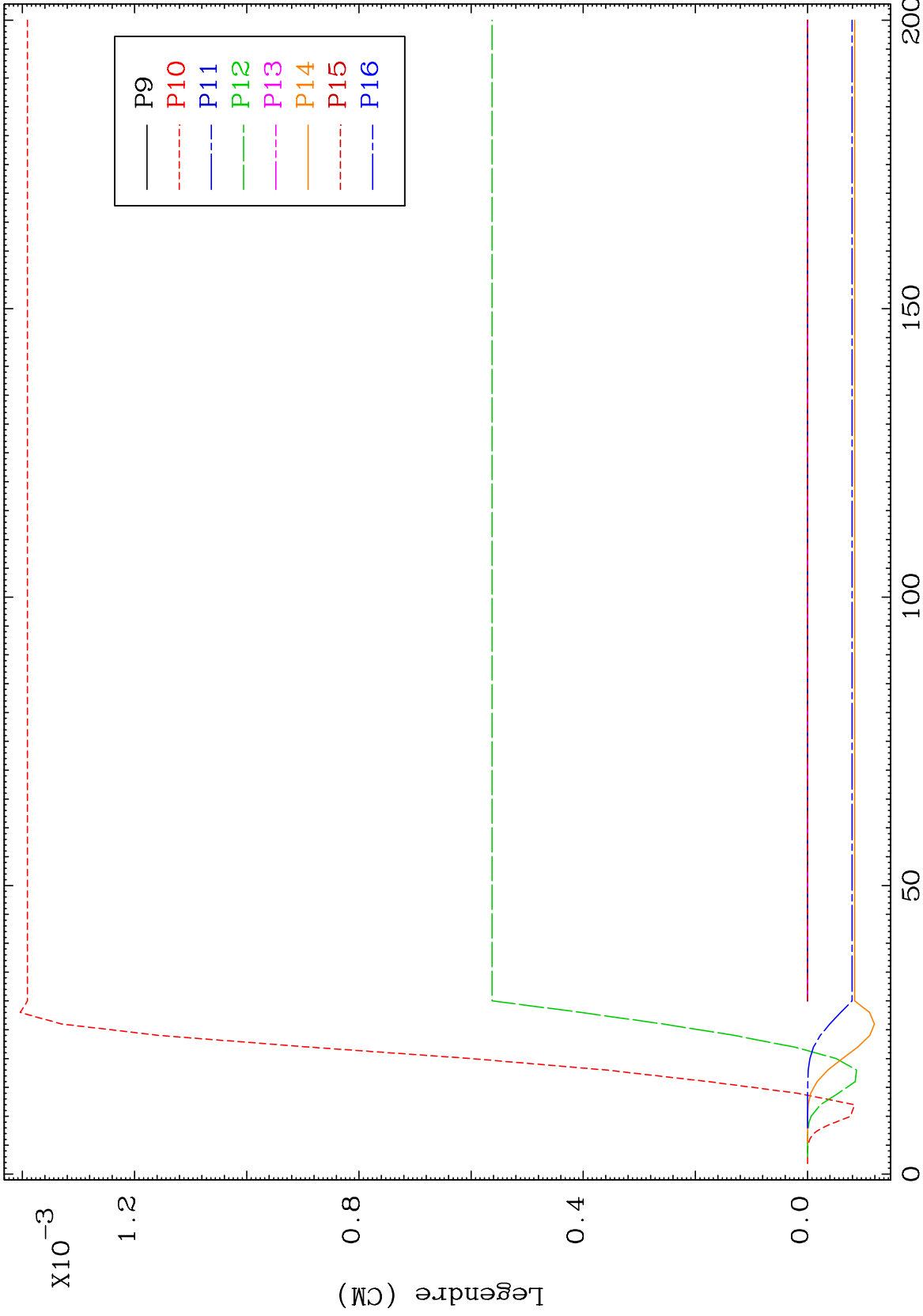
Incident Energy (MeV)

20

MAT 4913

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

49-In-109



21

Incident Energy (MeV)

49-In-109

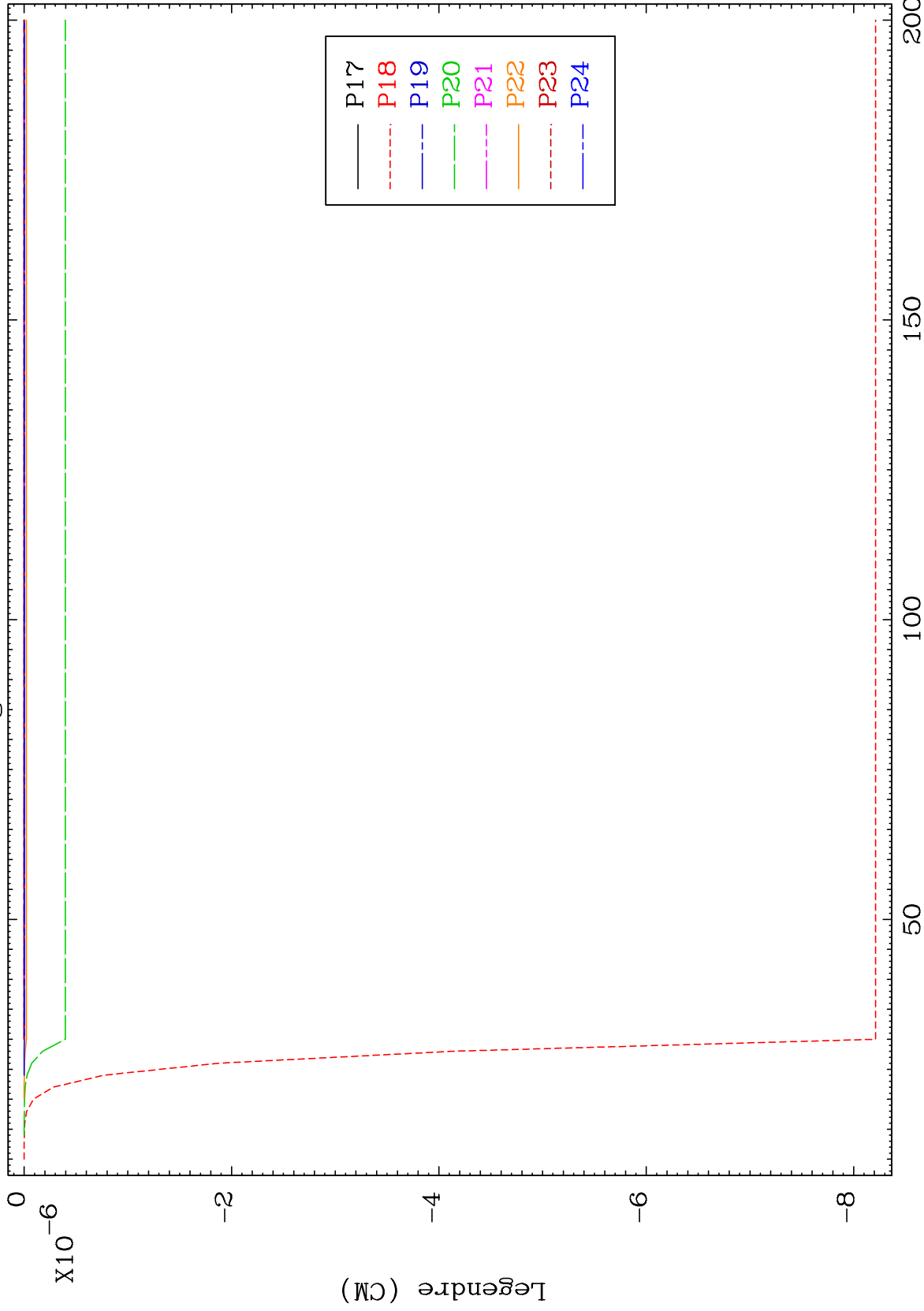
MAT 4913

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

49-In-109

Incident Energy (MeV)

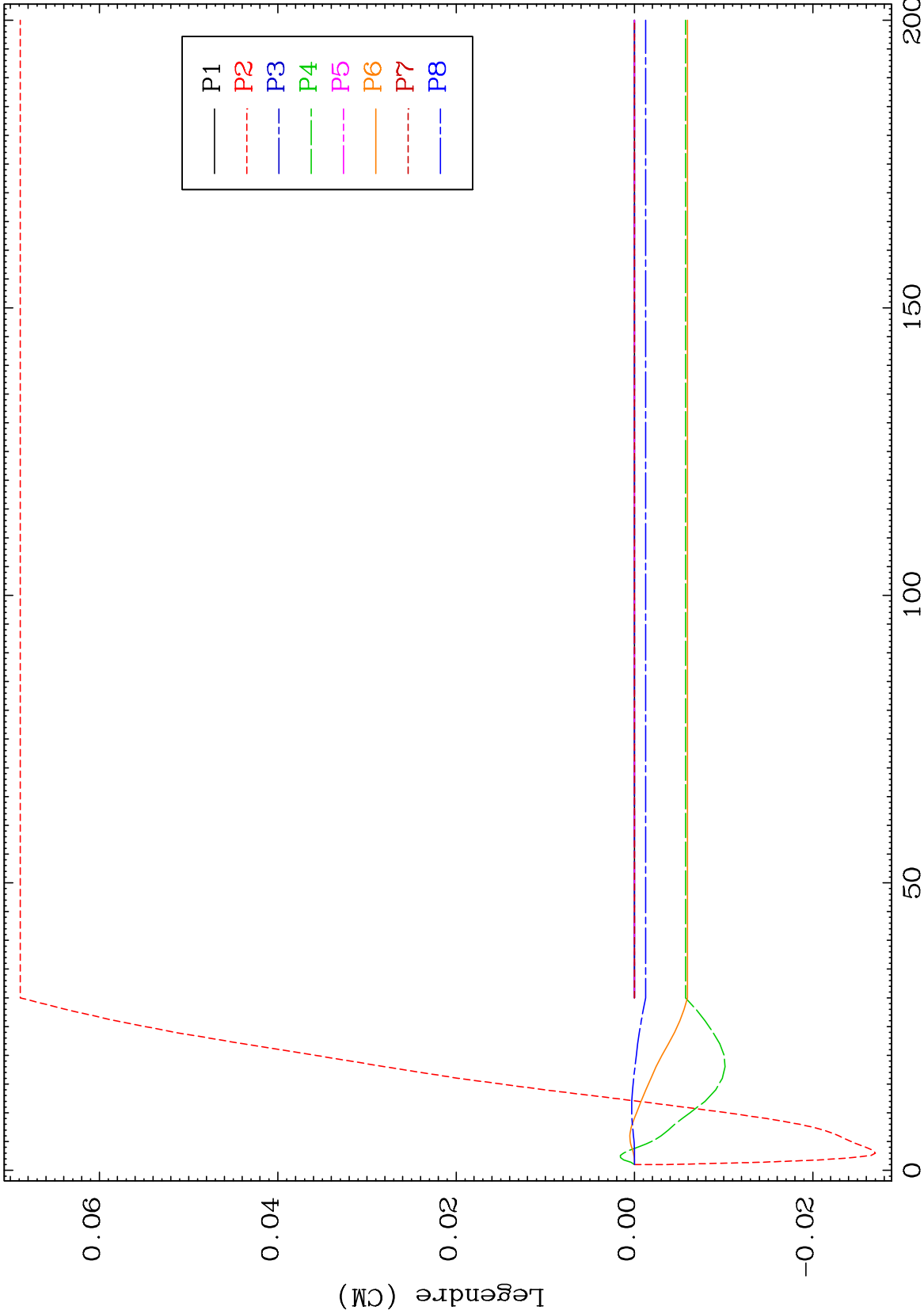
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MAT 4913

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

49-In-109



23

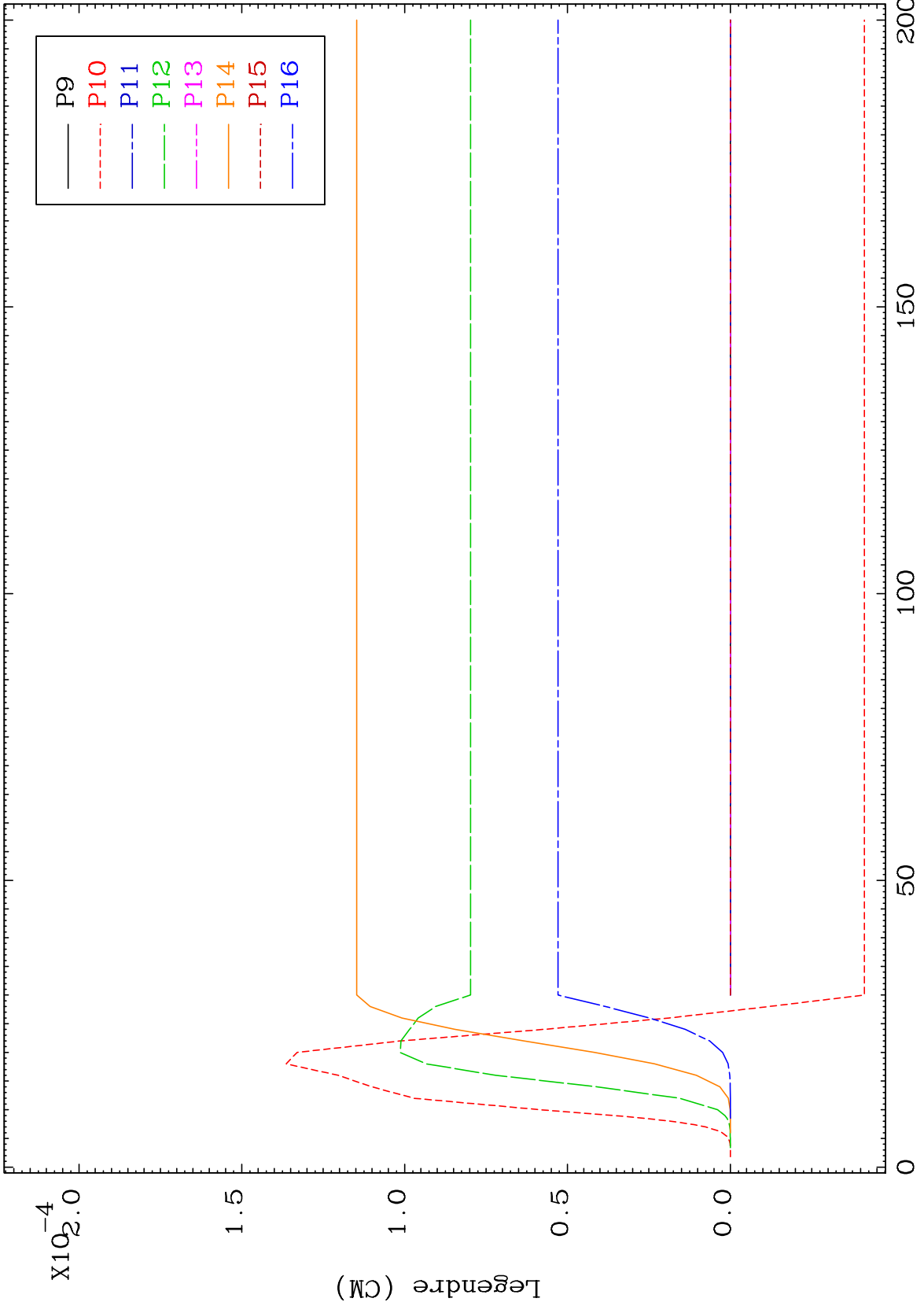
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109

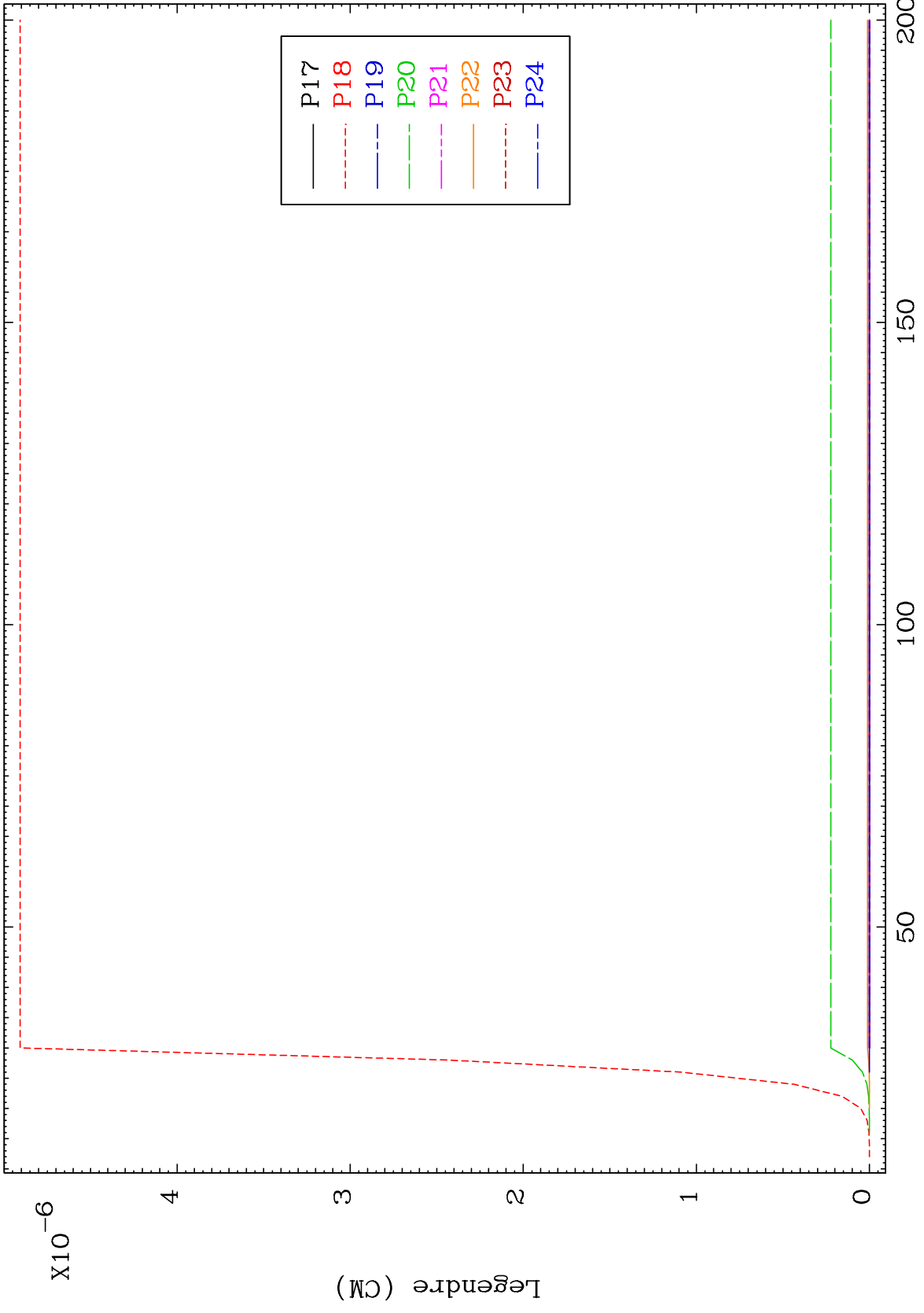


24

Incident Energy (MeV)

49-In-109

MAT 4913 MT= 52 (n,n') Level Legendre Coefficients 49-In-109

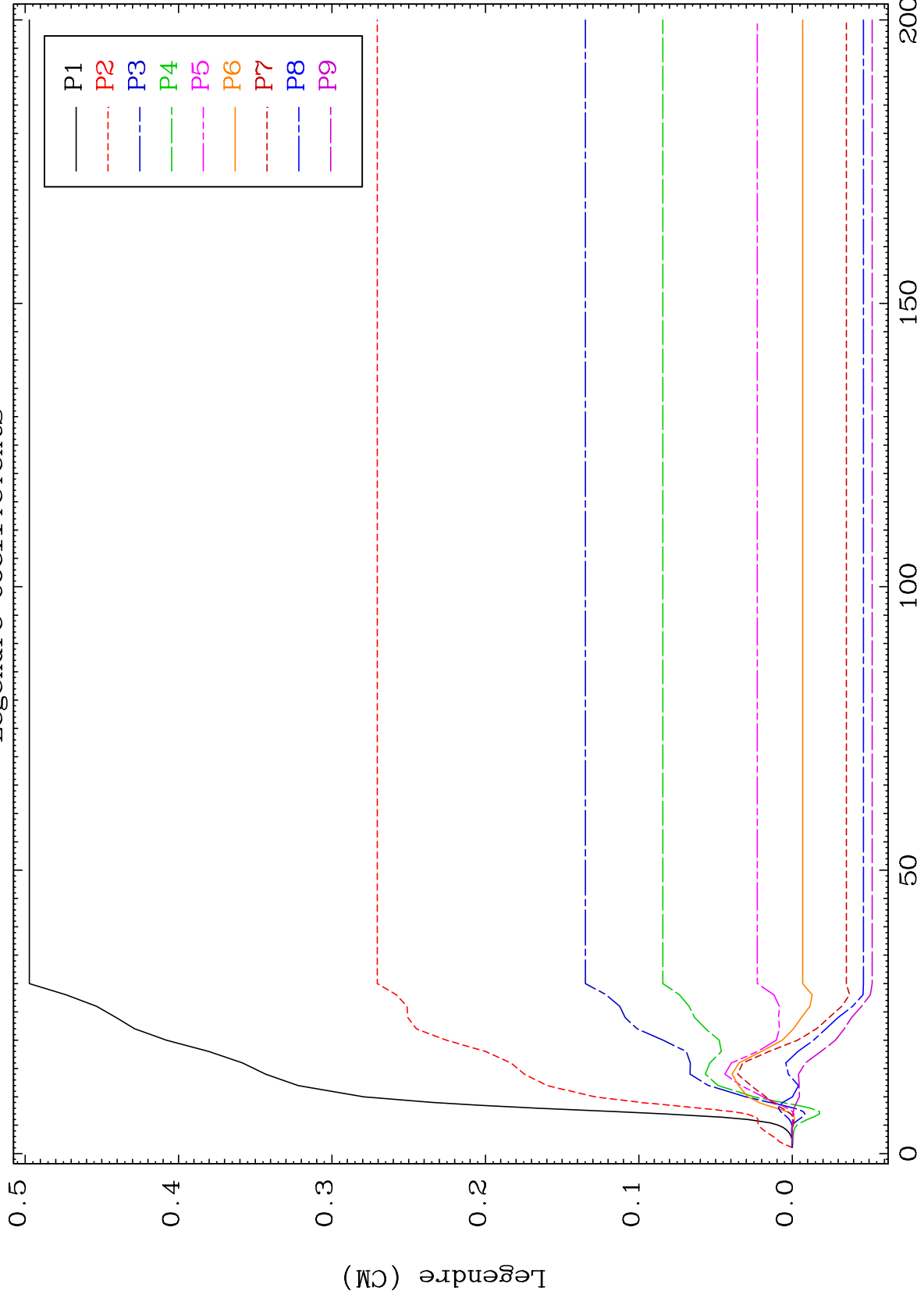


Incident Energy (MeV) 49-In-109

MAT 4913

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

49-In-109



26

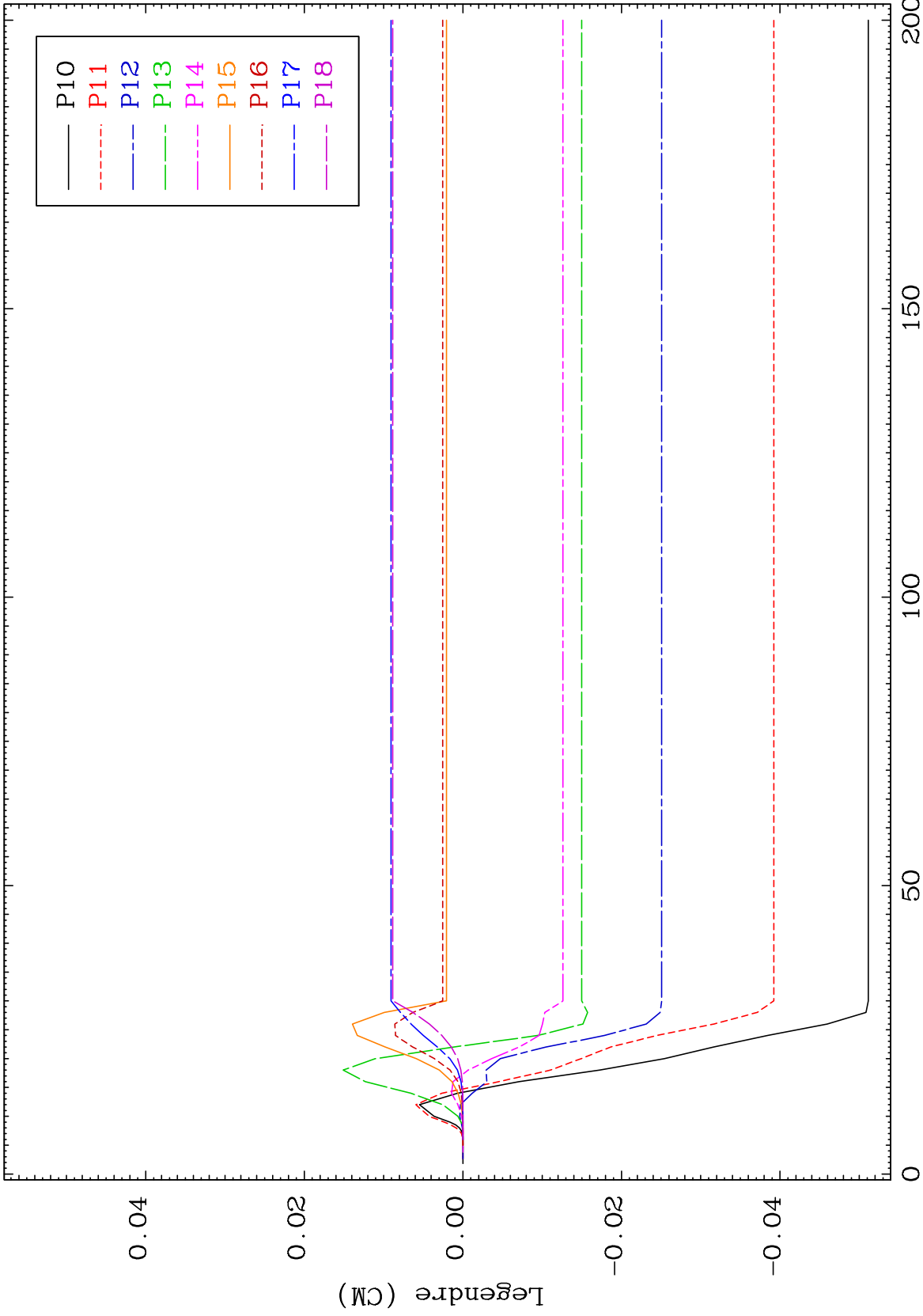
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



27

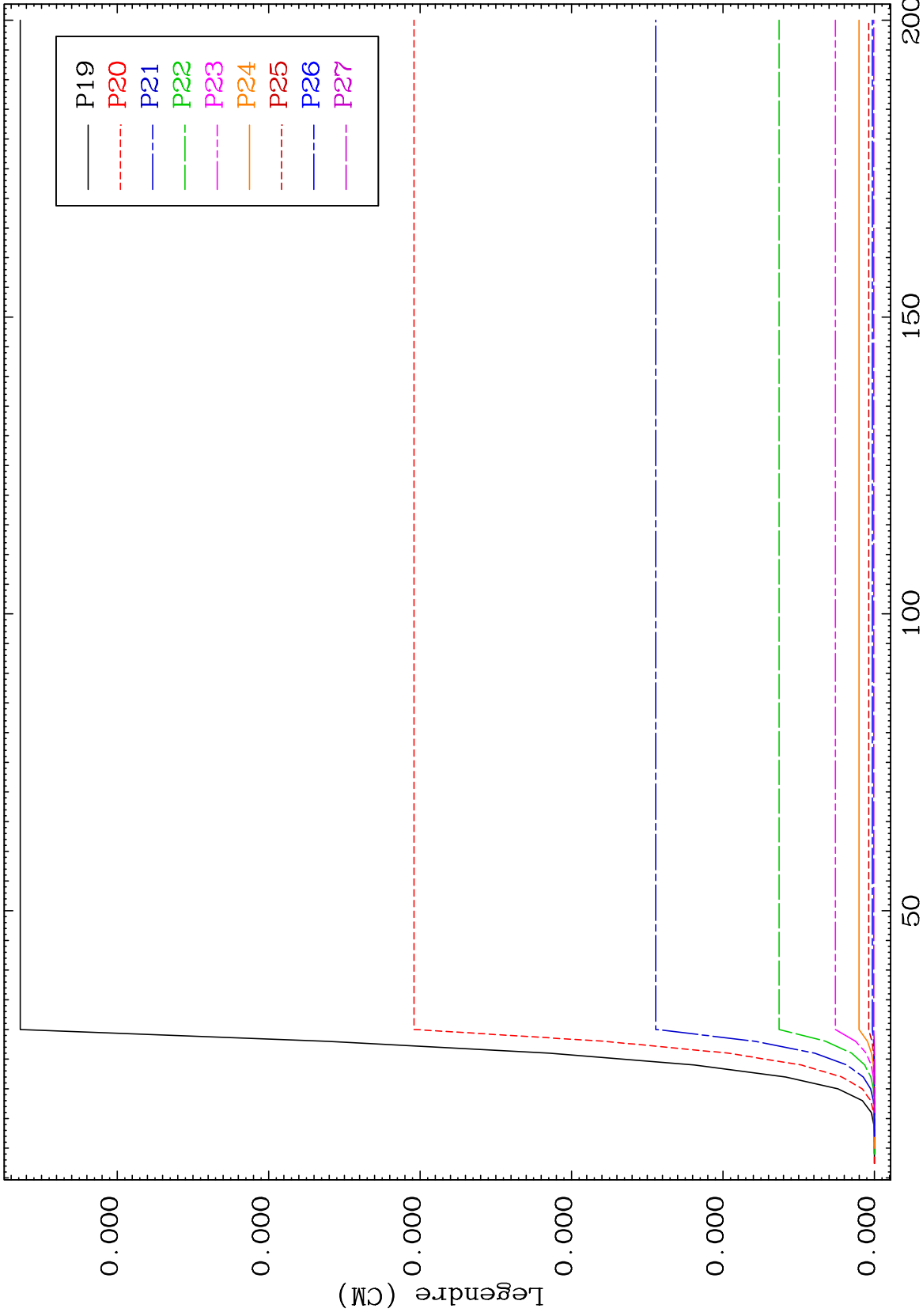
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



28

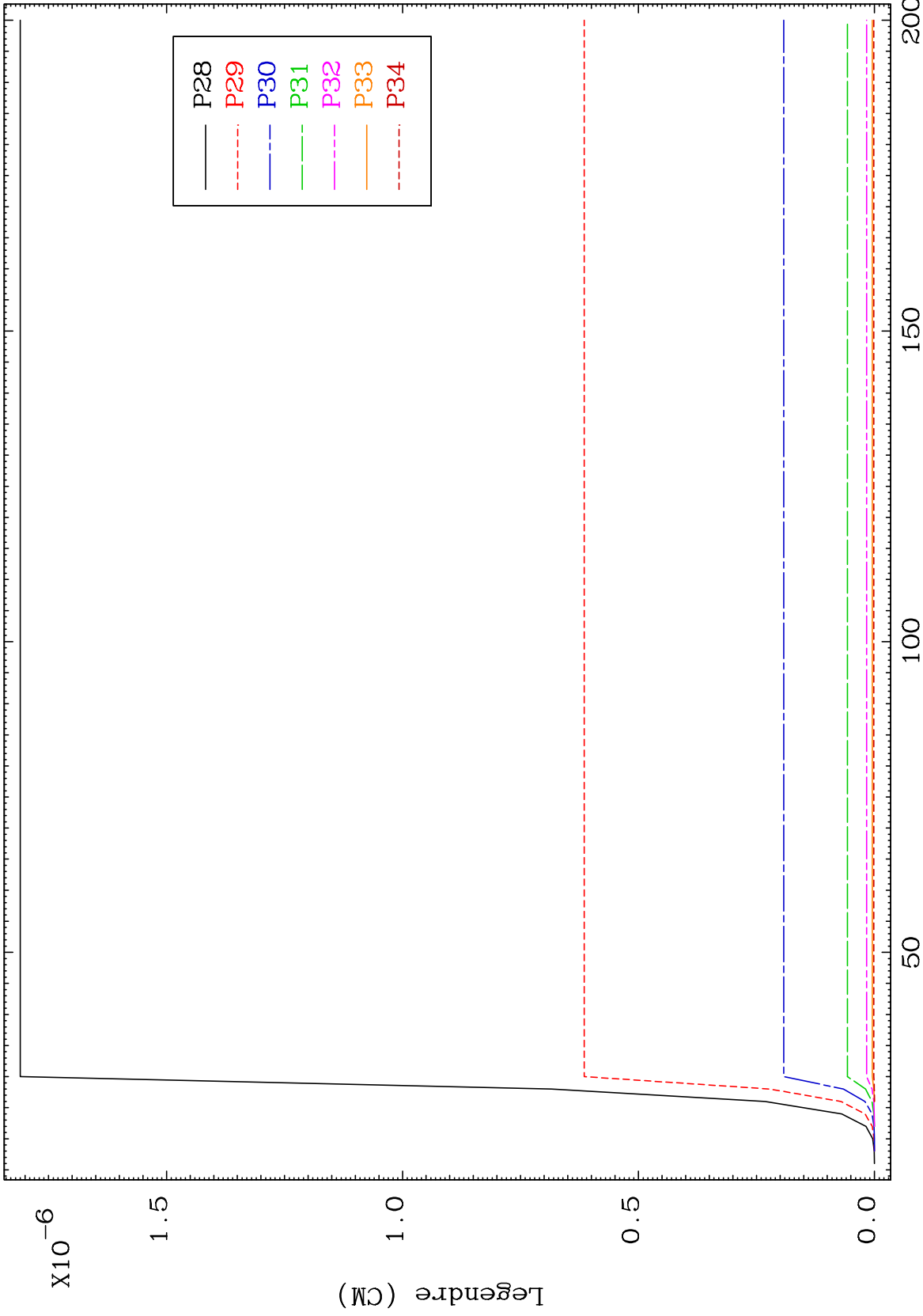
Incident Energy (MeV)

49-In-109

MAT 4913

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

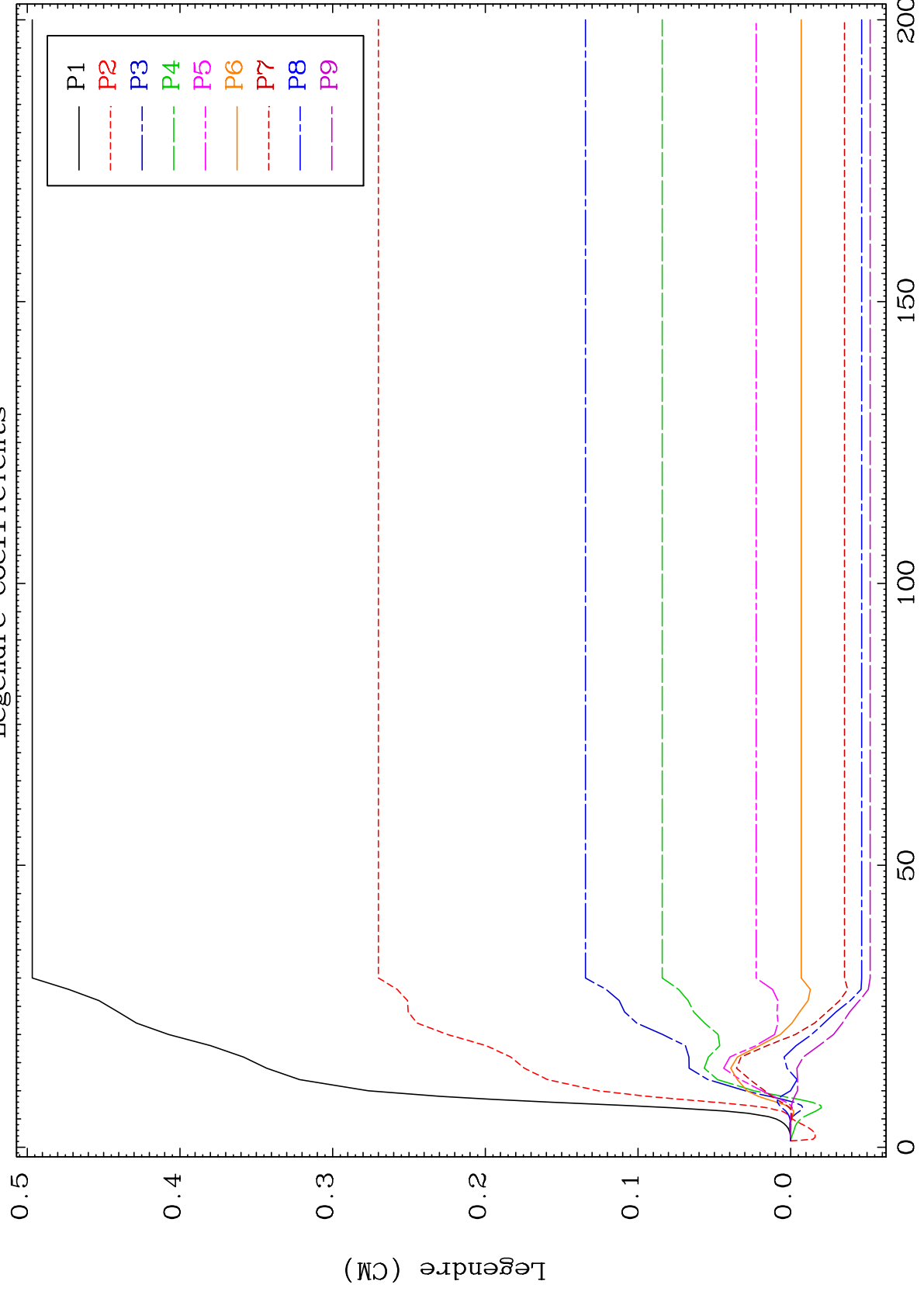
49-In-109



29

49-In-109

MAT 4913 MT= 54 (n,n') Level Legendre Coefficients 49-In-109

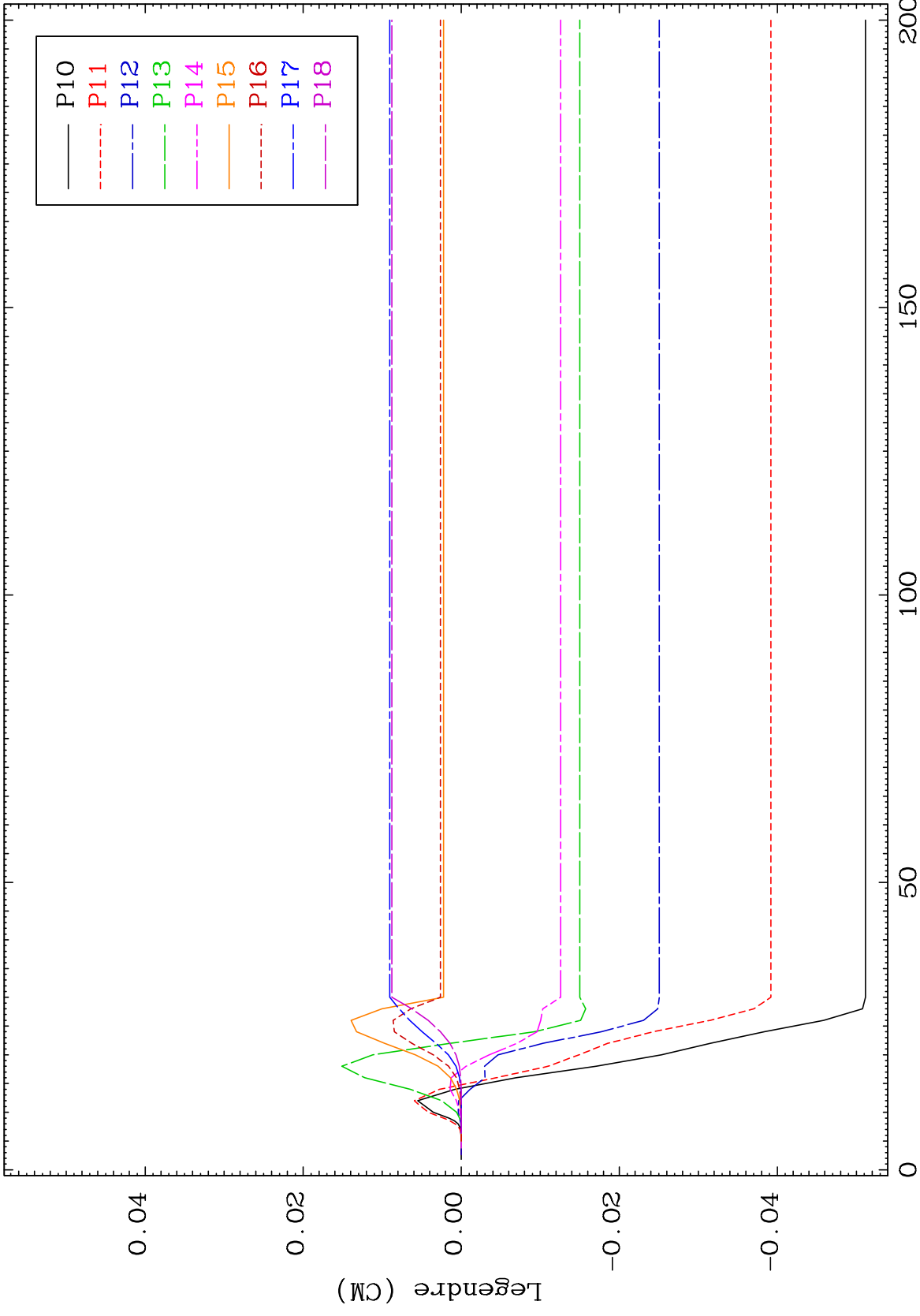


Legendre (CM) Incident Energy (MeV) 49-In-109

MAT 4913

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

49-In-109



31

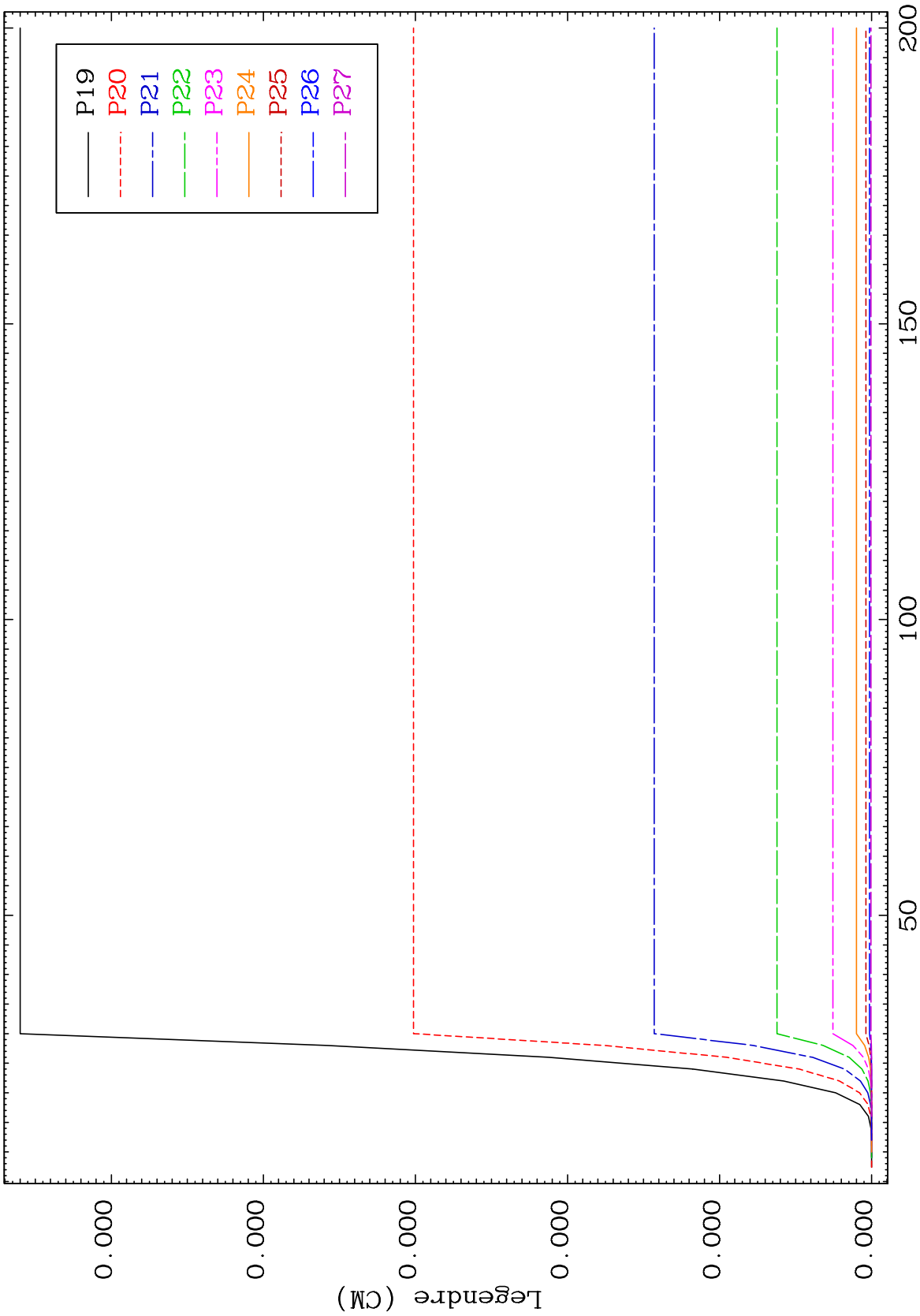
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



32

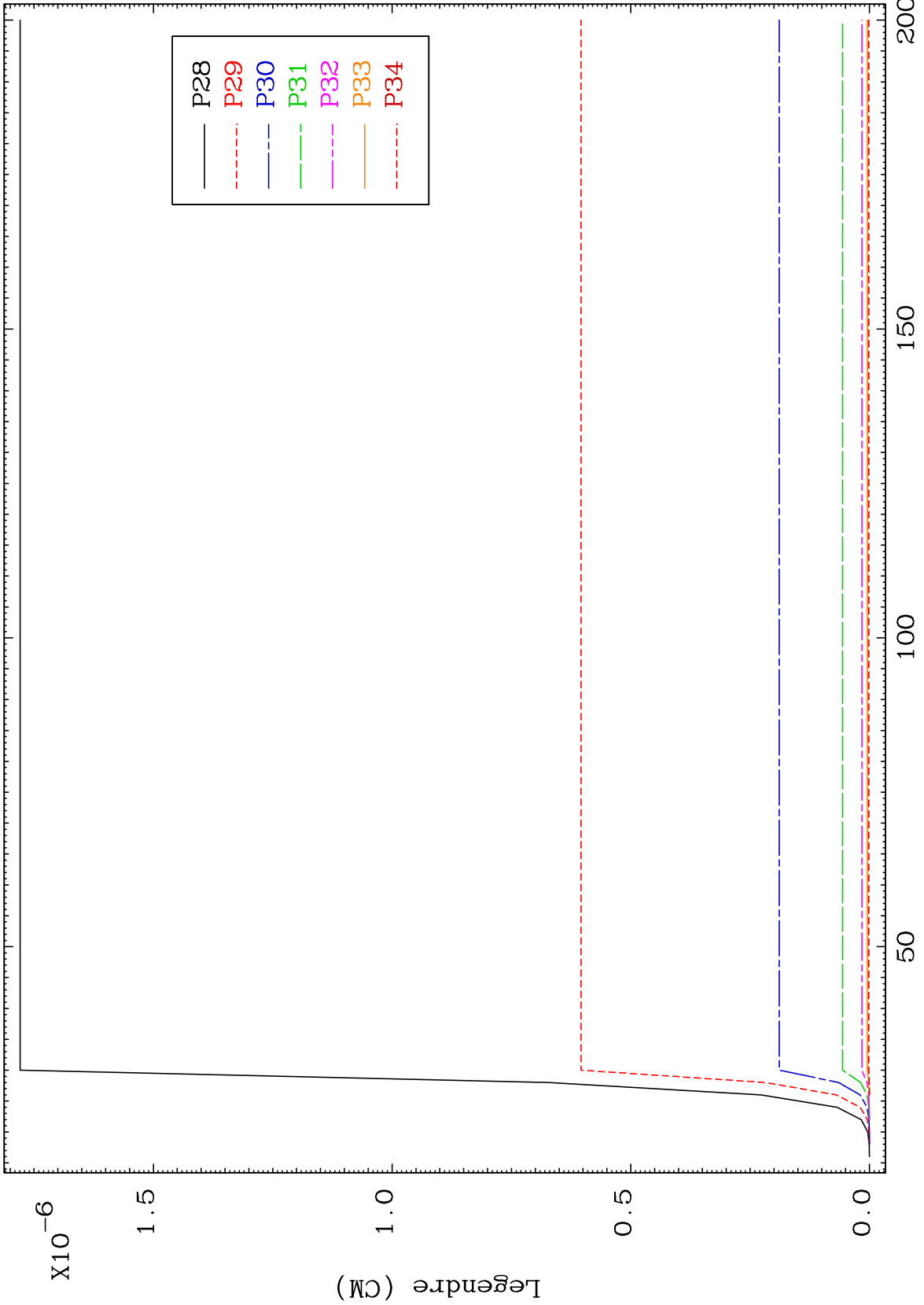
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



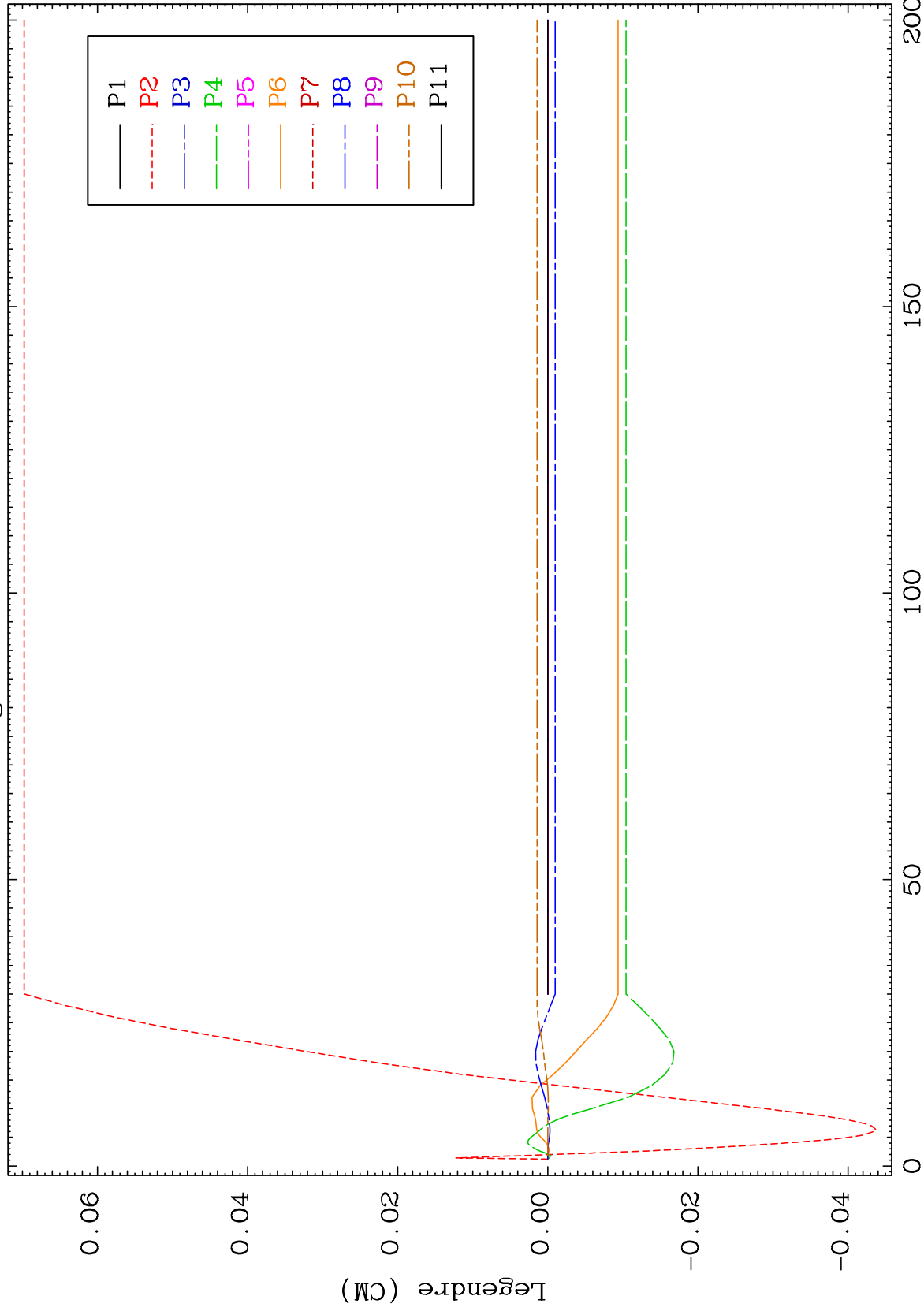
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49-In-109

MAT 4913

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

49-In-109



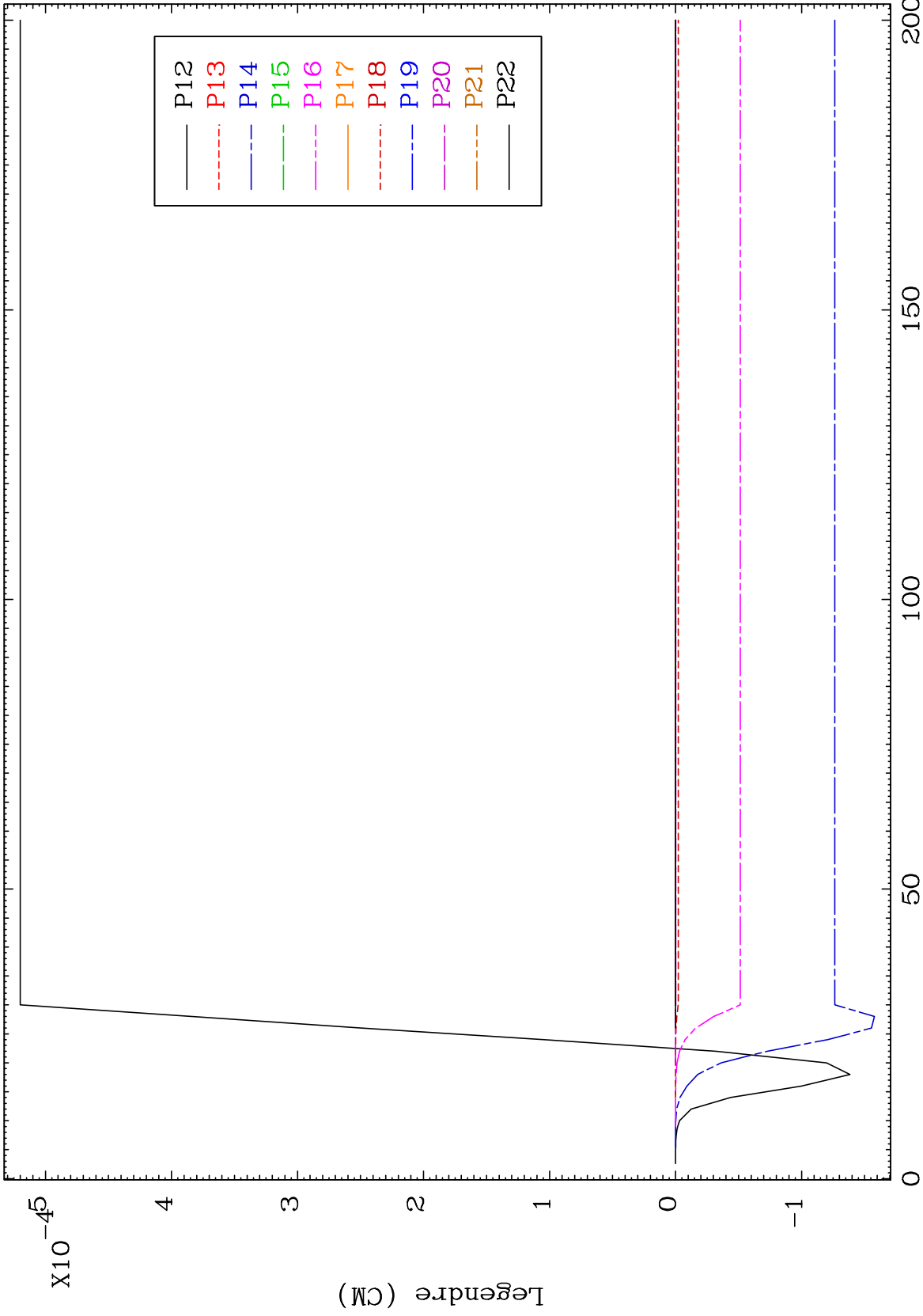
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49-In-109

MAT 4913

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

49-In-109



35

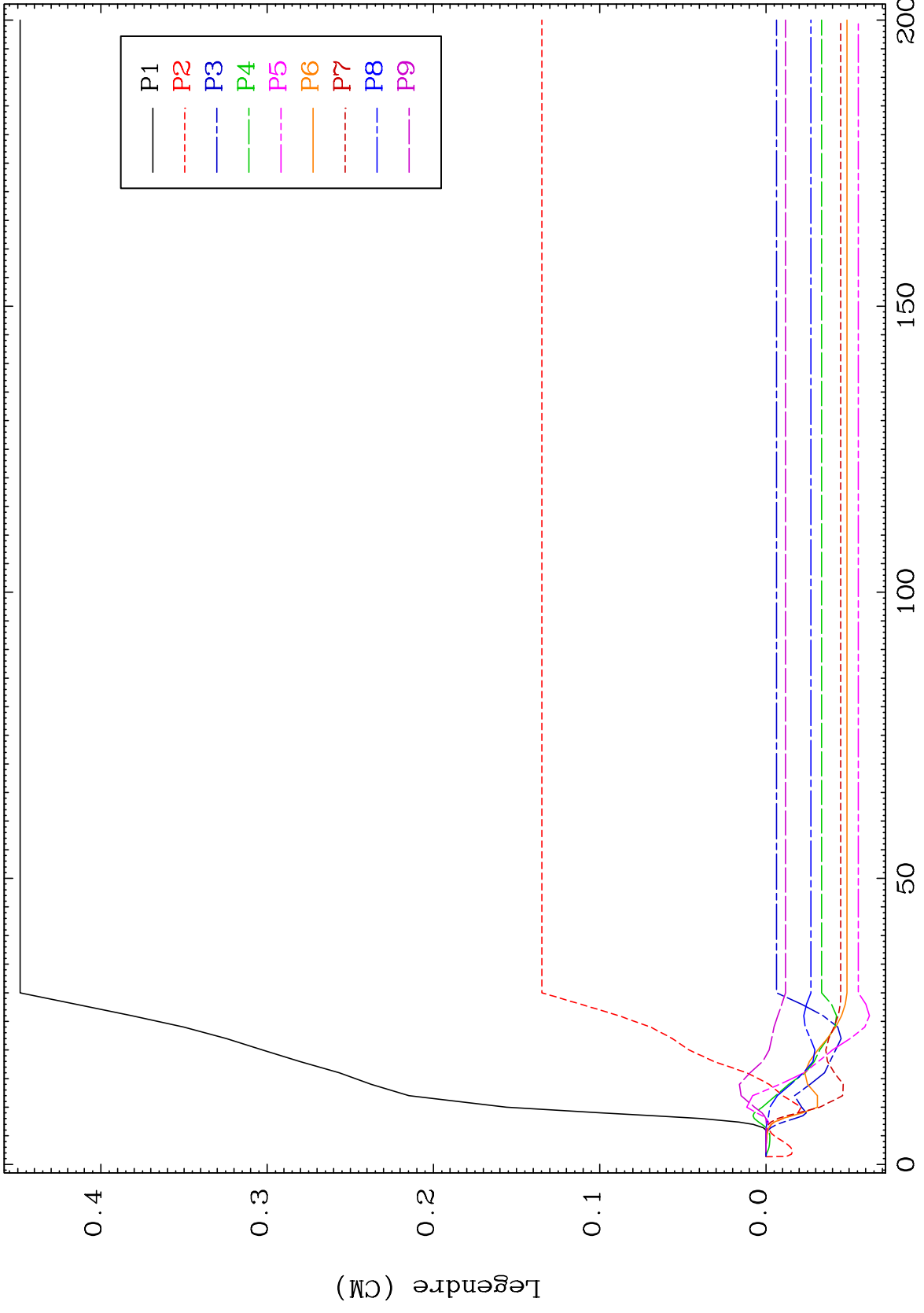
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



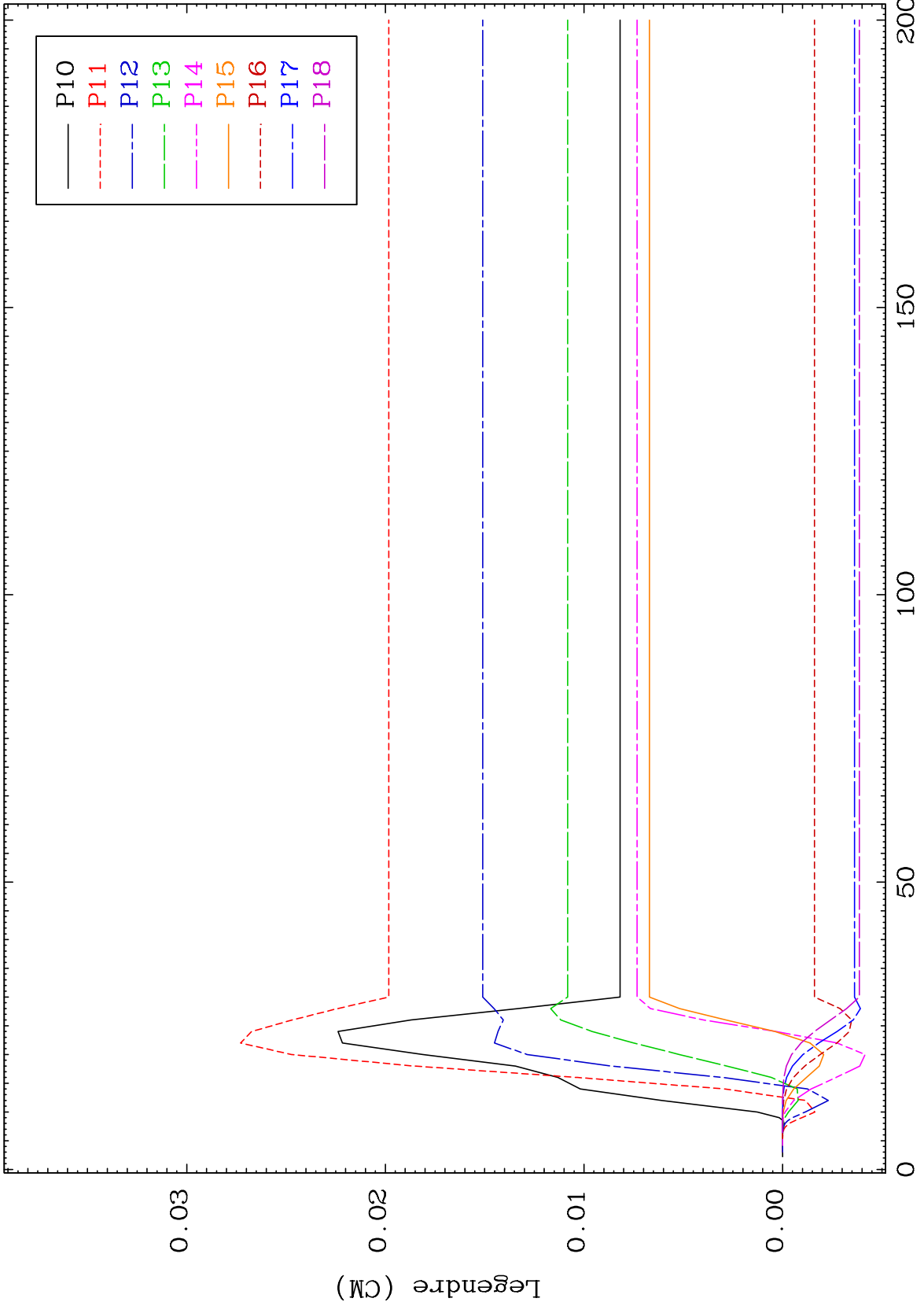
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49-In-109

MAT 4913

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

49-In-109



37

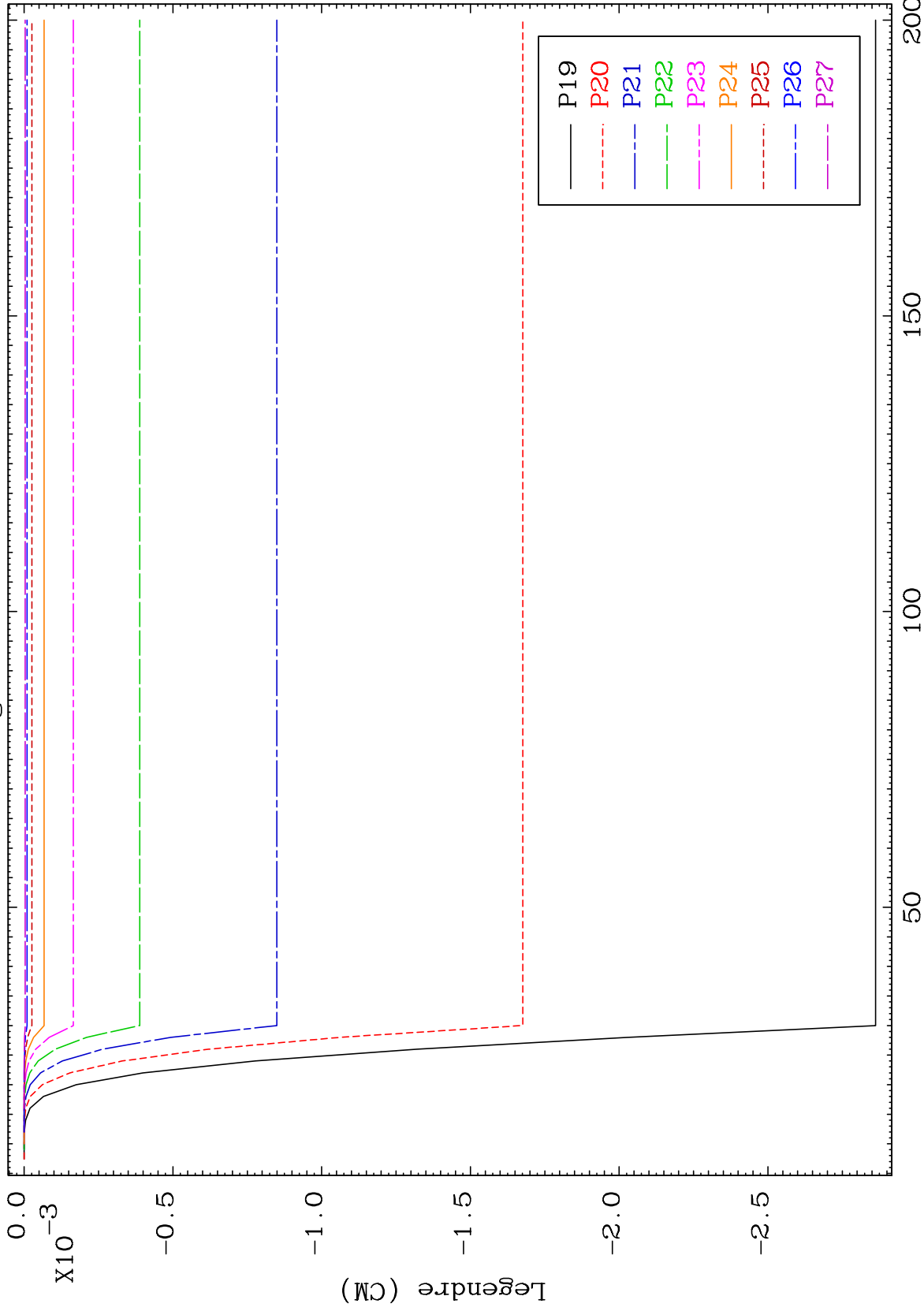
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109

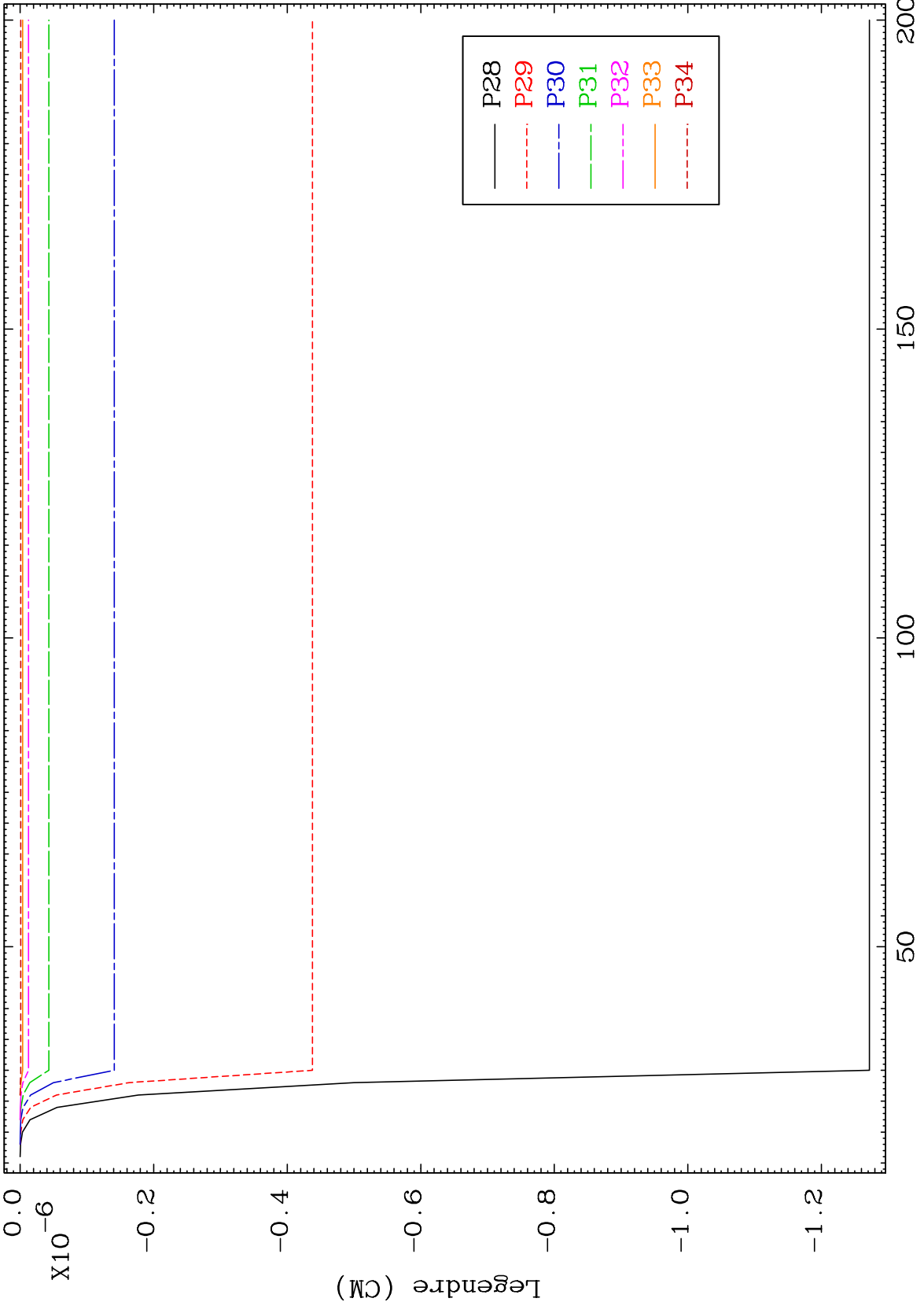


38

Incident Energy (MeV)

49-In-109

MAT 4913 MT= 56 (n,n') Level Legendre Coefficients 49-In-109

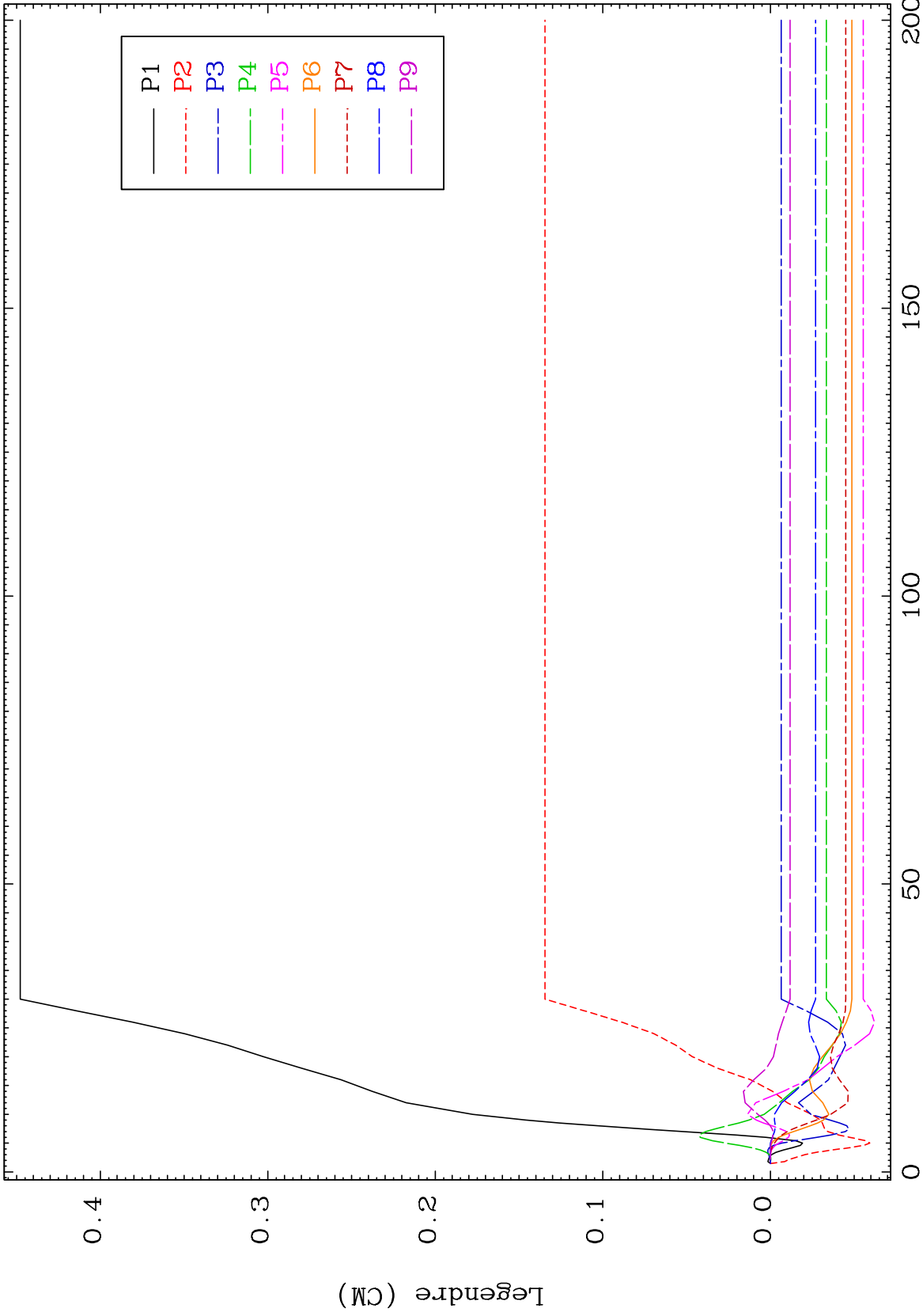


39 49-In-109

MAT 4913

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

49-In-109



40

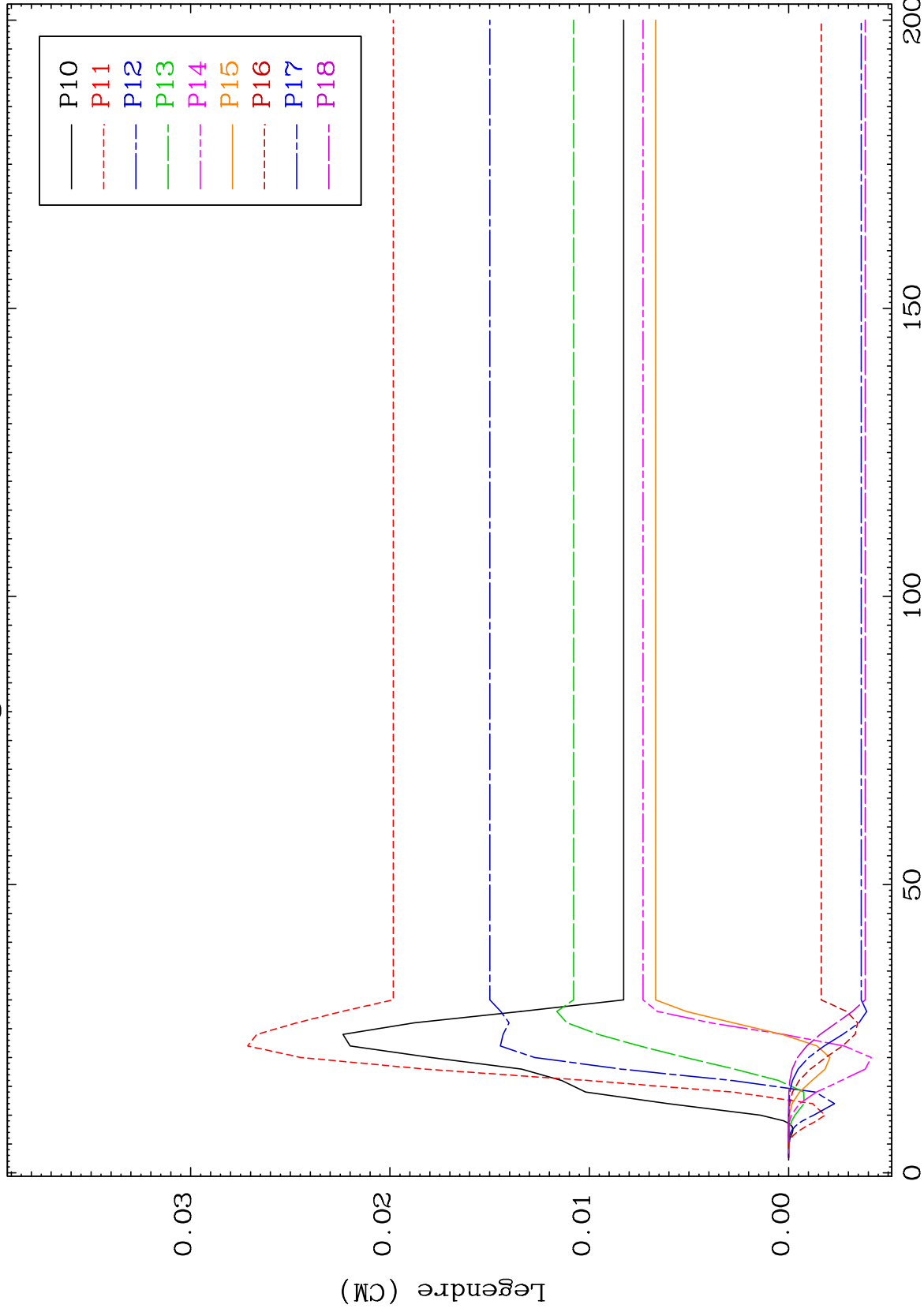
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



41

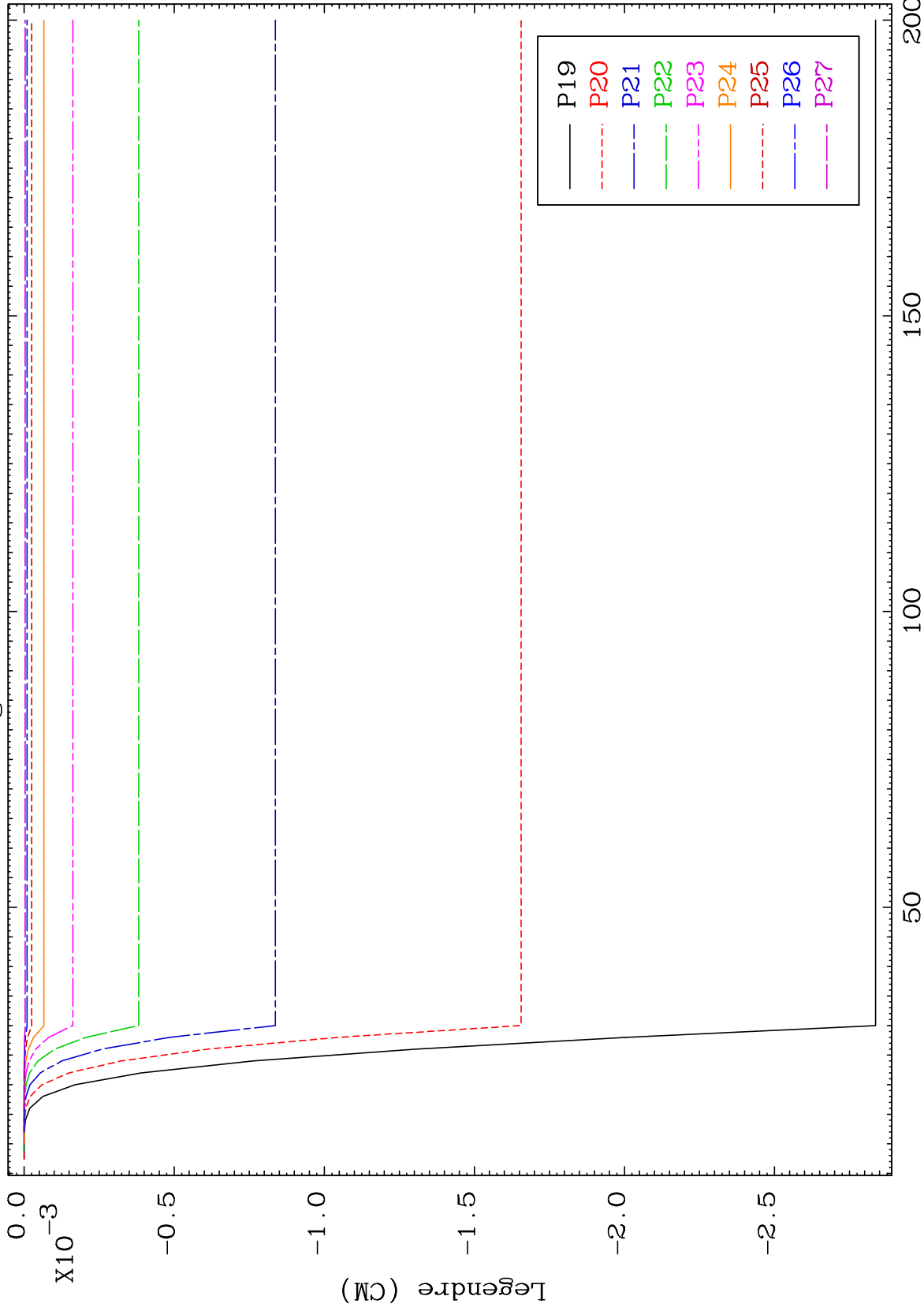
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109

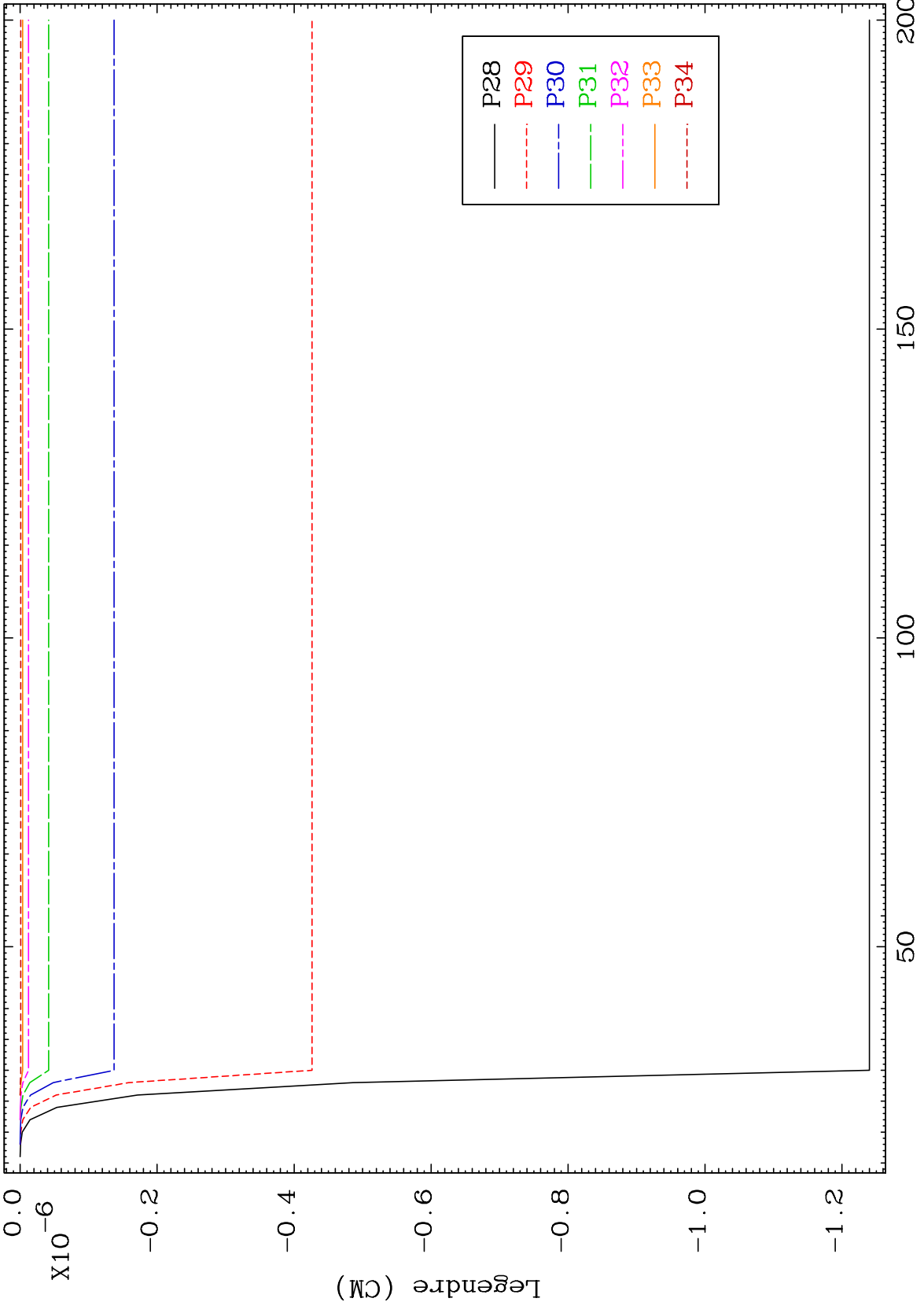


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Incident Energy (MeV)

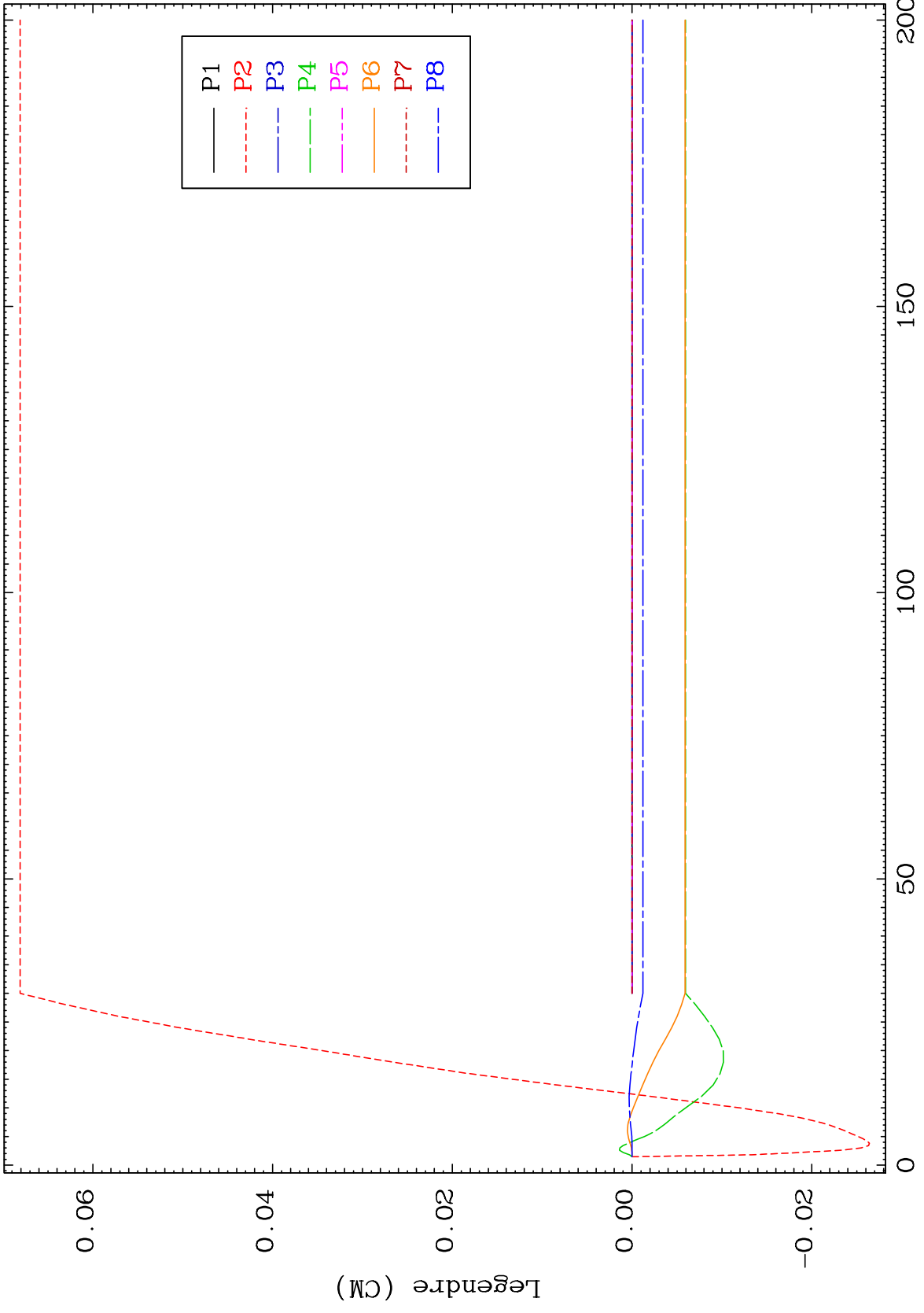
49-In-109

MAT 4913 MT= 57 (n,n') Level Legendre Coefficients 49-In-109



43 Incident Energy (MeV) 49-In-109

MAT 4913 MT= 58 (n,n') Level Legendre Coefficients 49-In-109

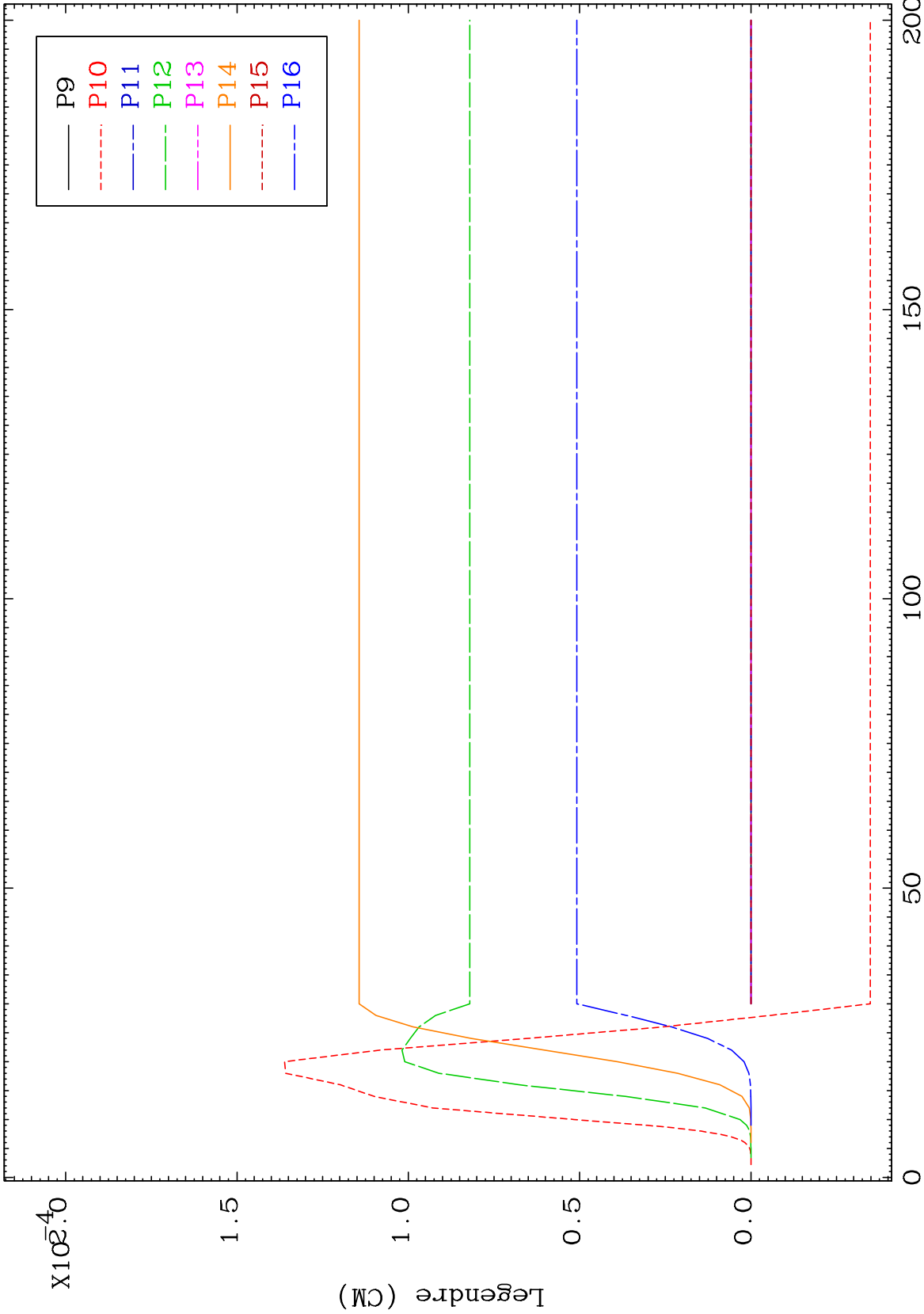


44 49-In-109

MAT 4913

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

49-In-109

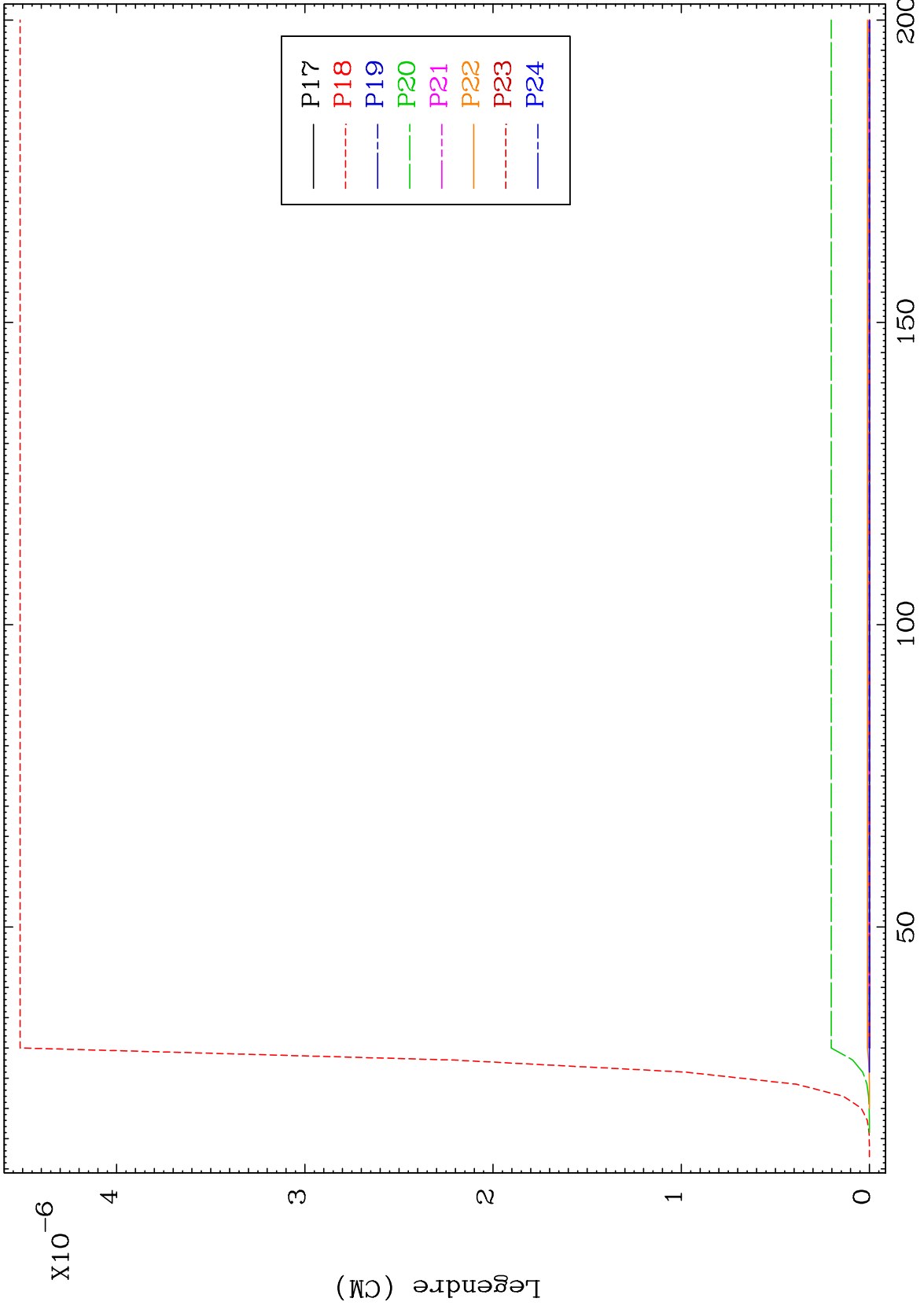


45

Incident Energy (MeV)

49-In-109

MAT 4913 MT= 58 (n,n') Level Legendre Coefficients 49-In-109

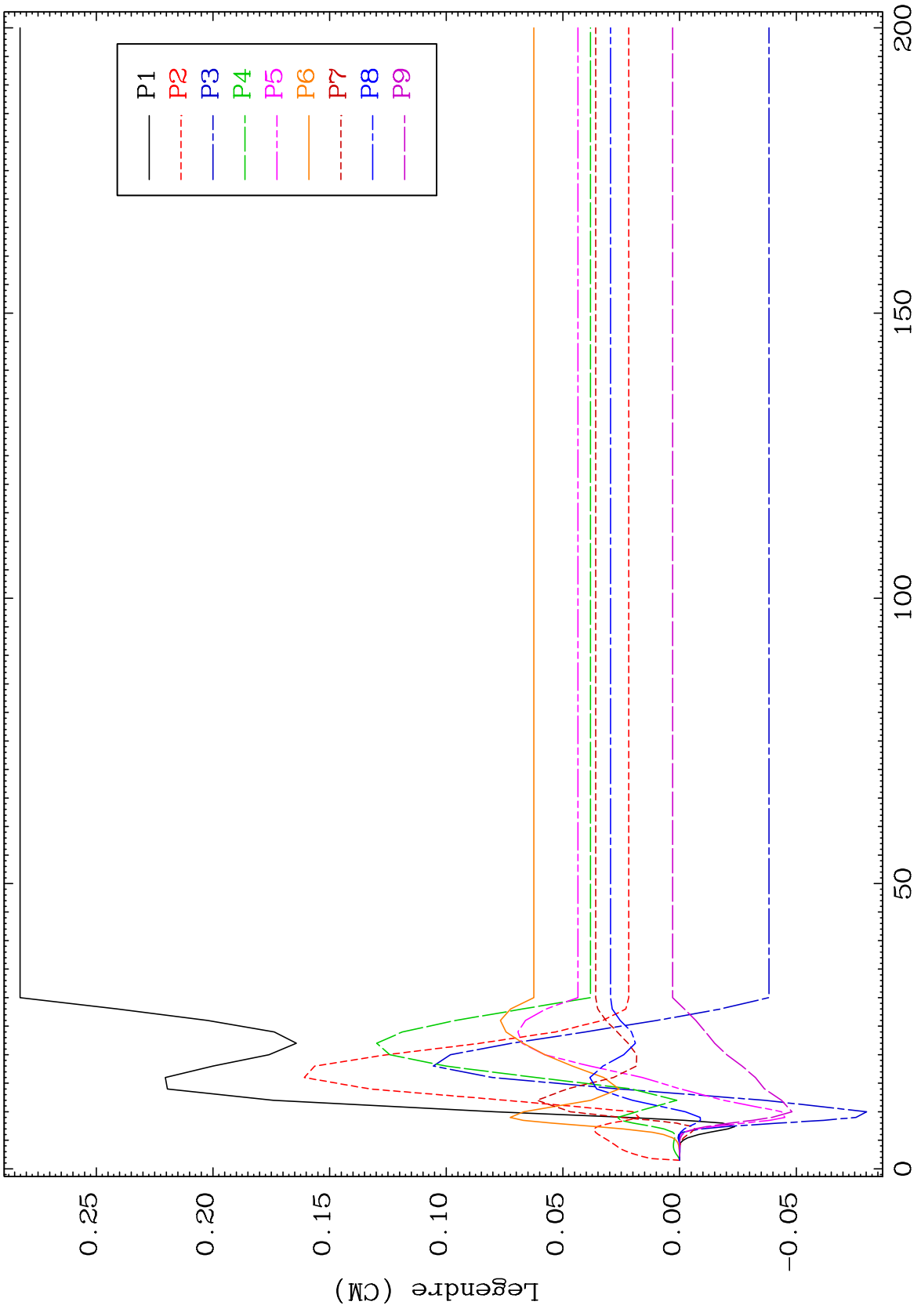


46 Incident Energy (MeV) 49-In-109

MAT 4913

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

49-In-109



47

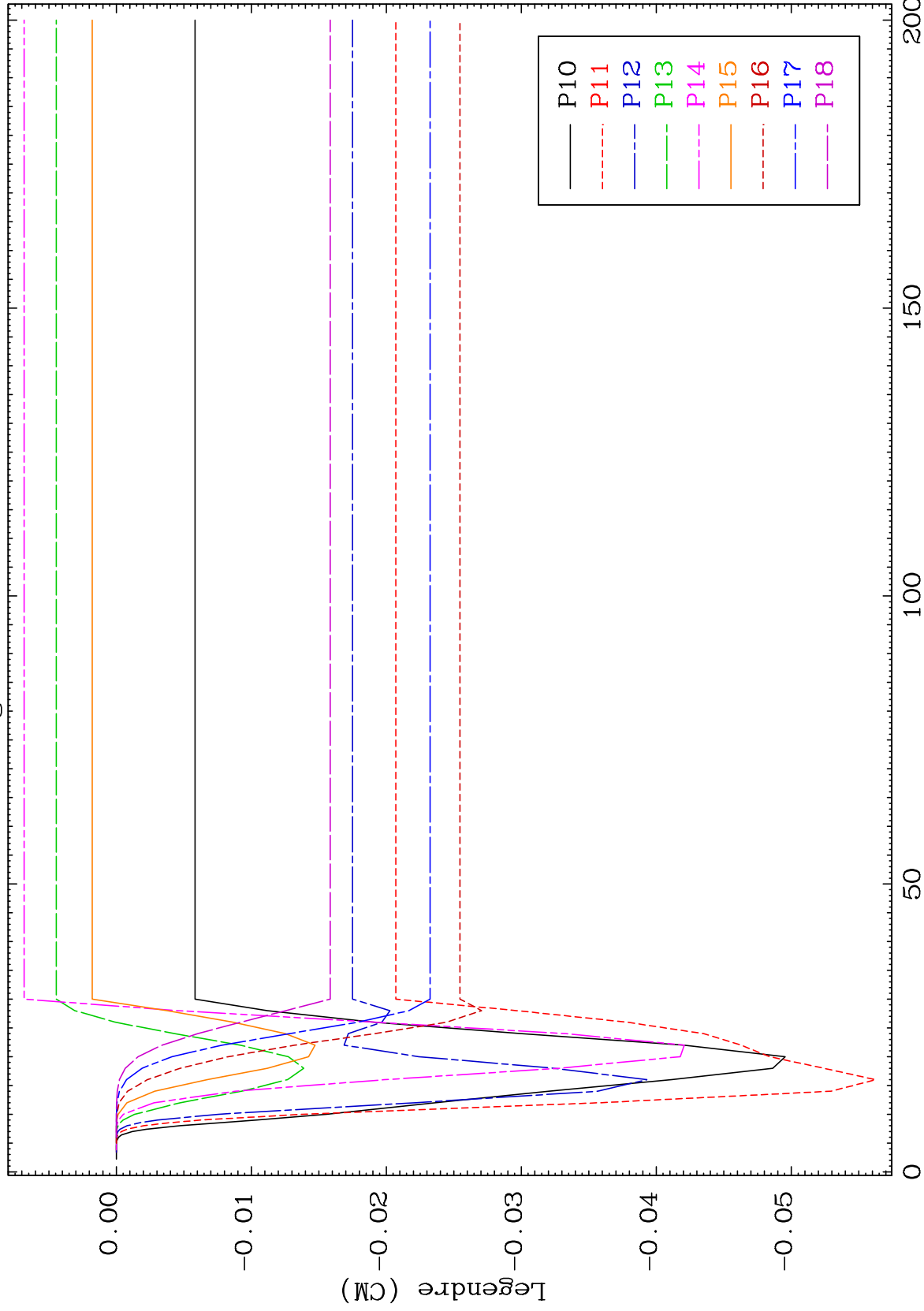
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109

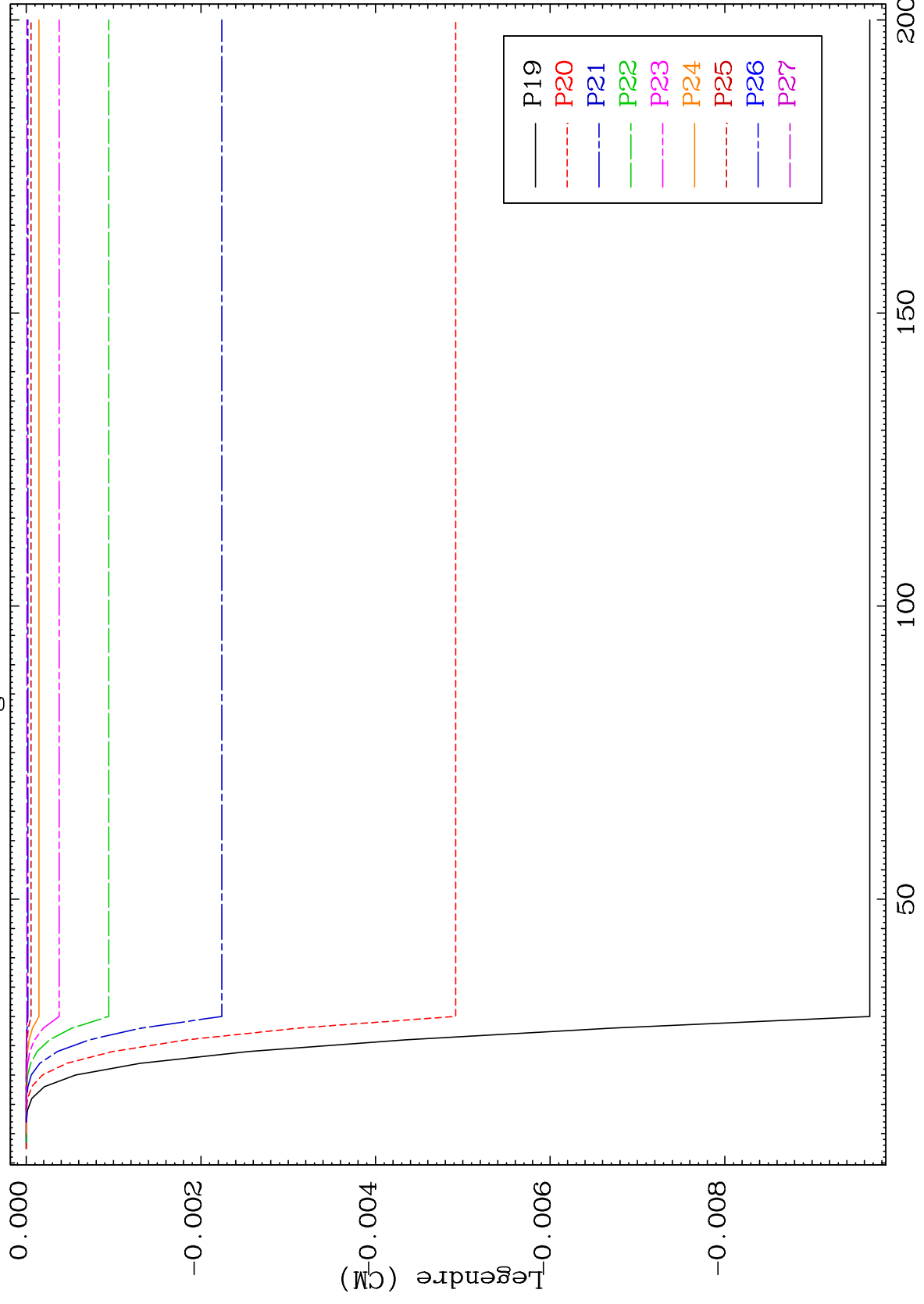


48

Incident Energy (MeV)

49-In-109

MAT 4913 MT= 59 (n,n') Level Legendre Coefficients 49-In-109

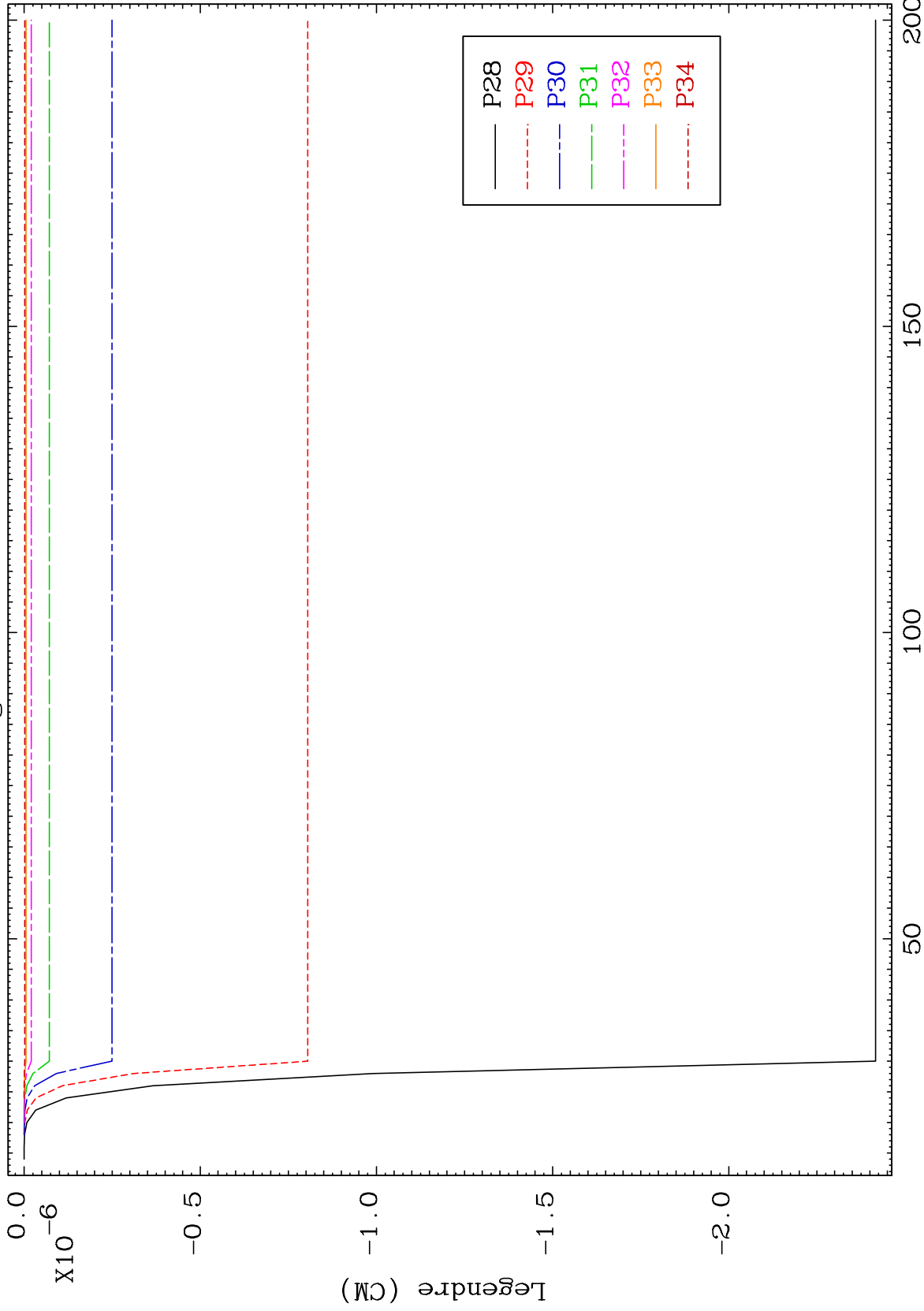


49-In-109

MAT 4913

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

49-In-109



49-In-109

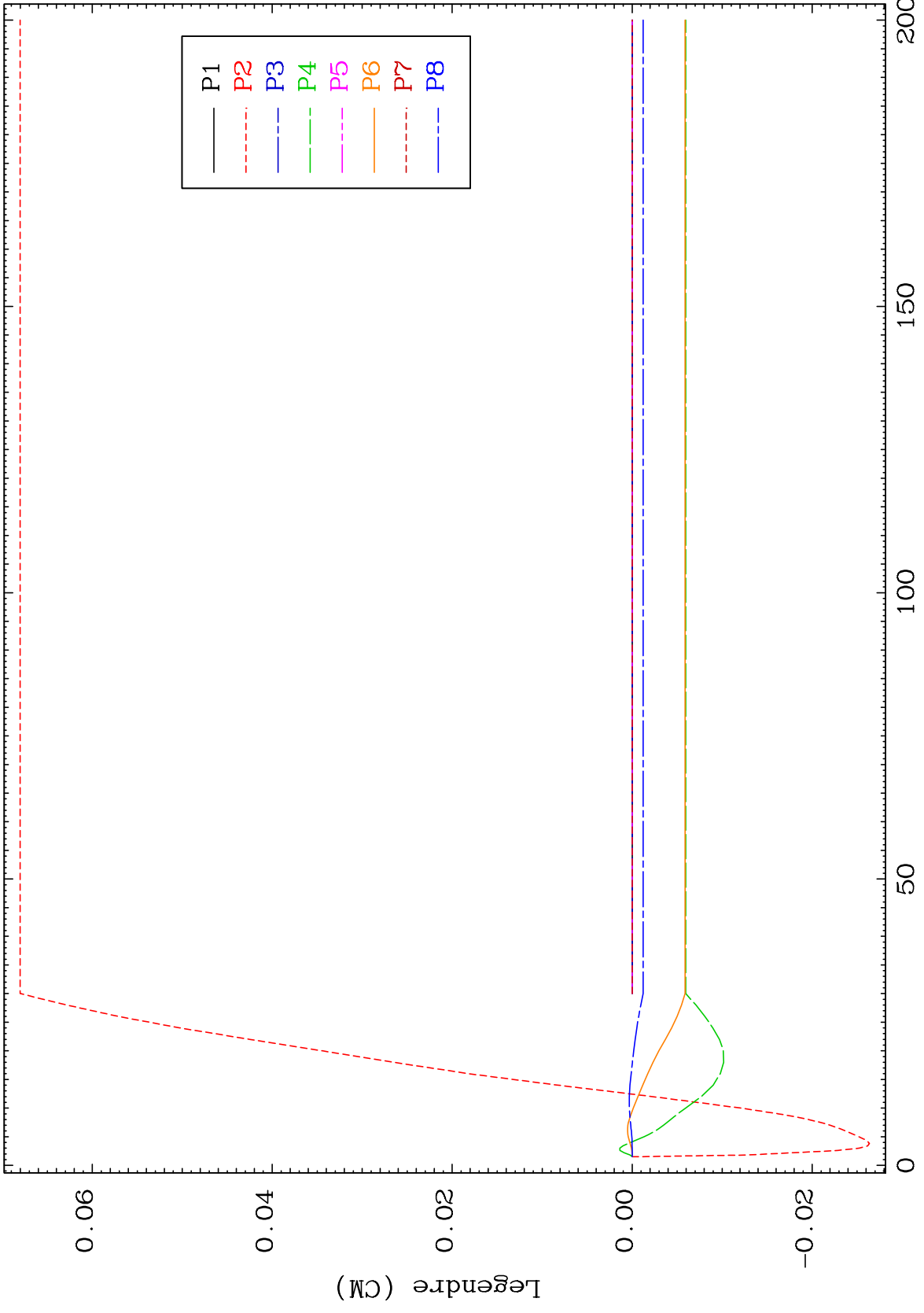
Incident Energy (MeV)

50

MAT 4913

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

49-In-109



51

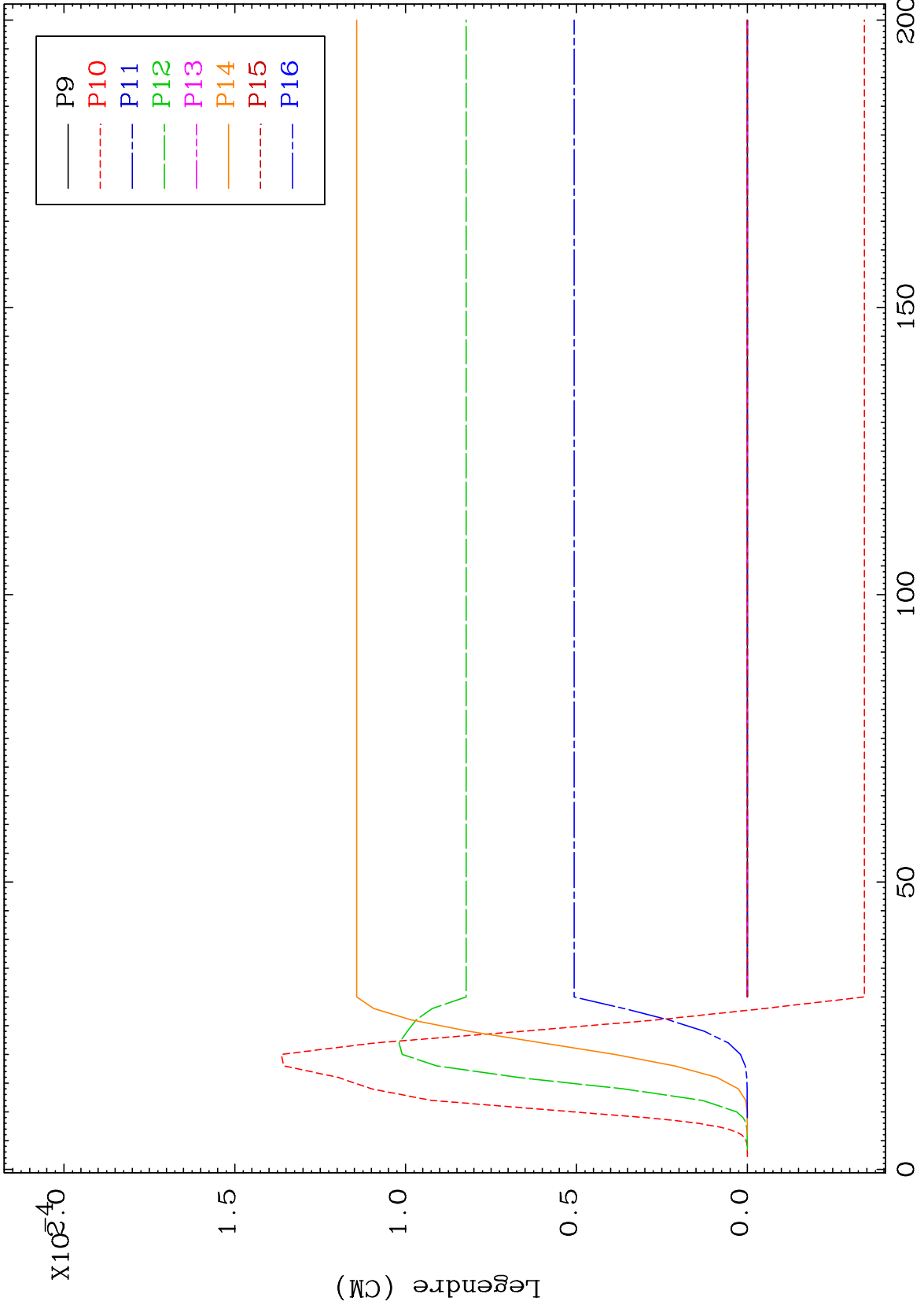
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109

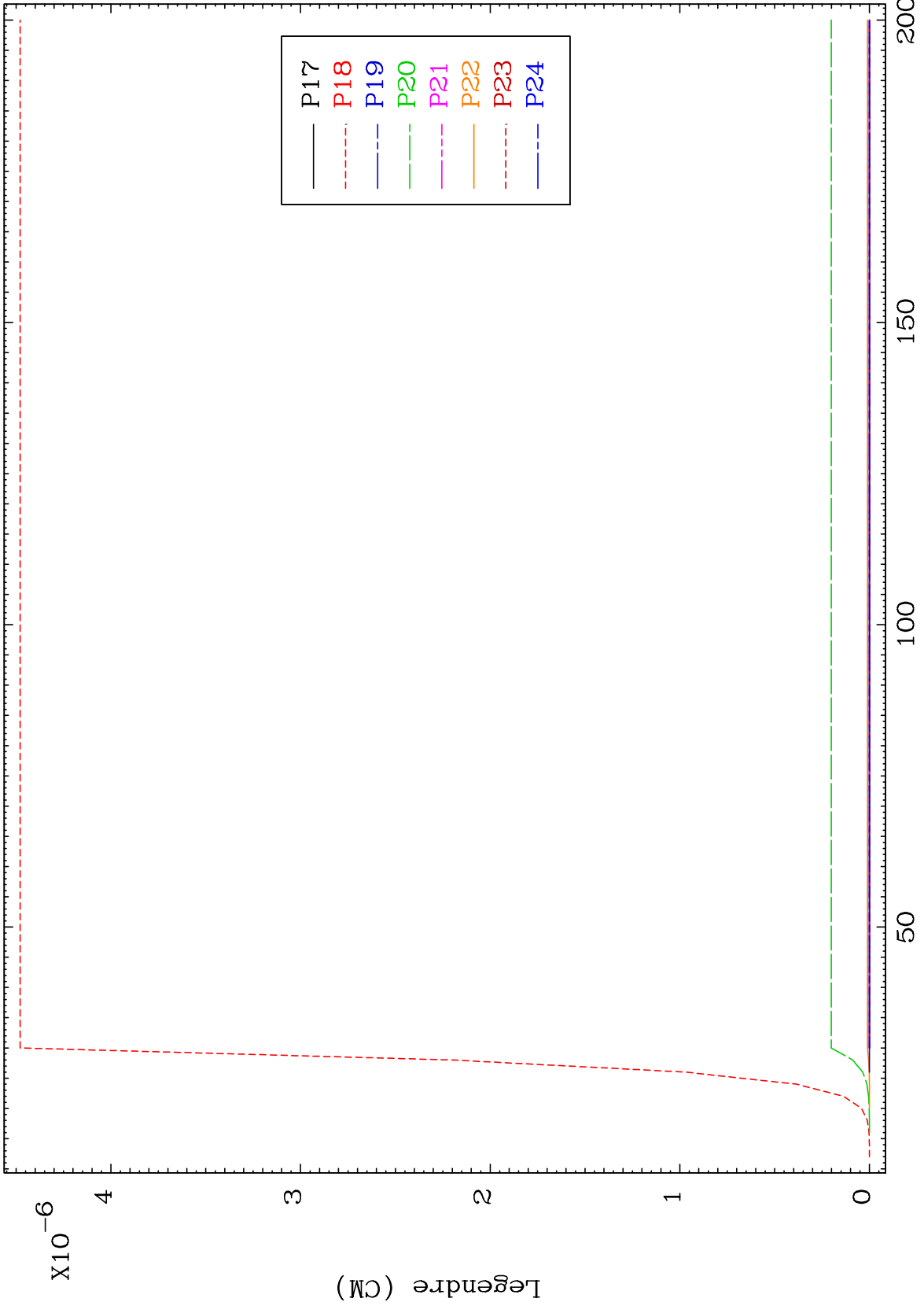


52

Incident Energy (MeV)

49-In-109

MAT 4913 MT= 60 (n,n') Level Legendre Coefficients 49-In-109

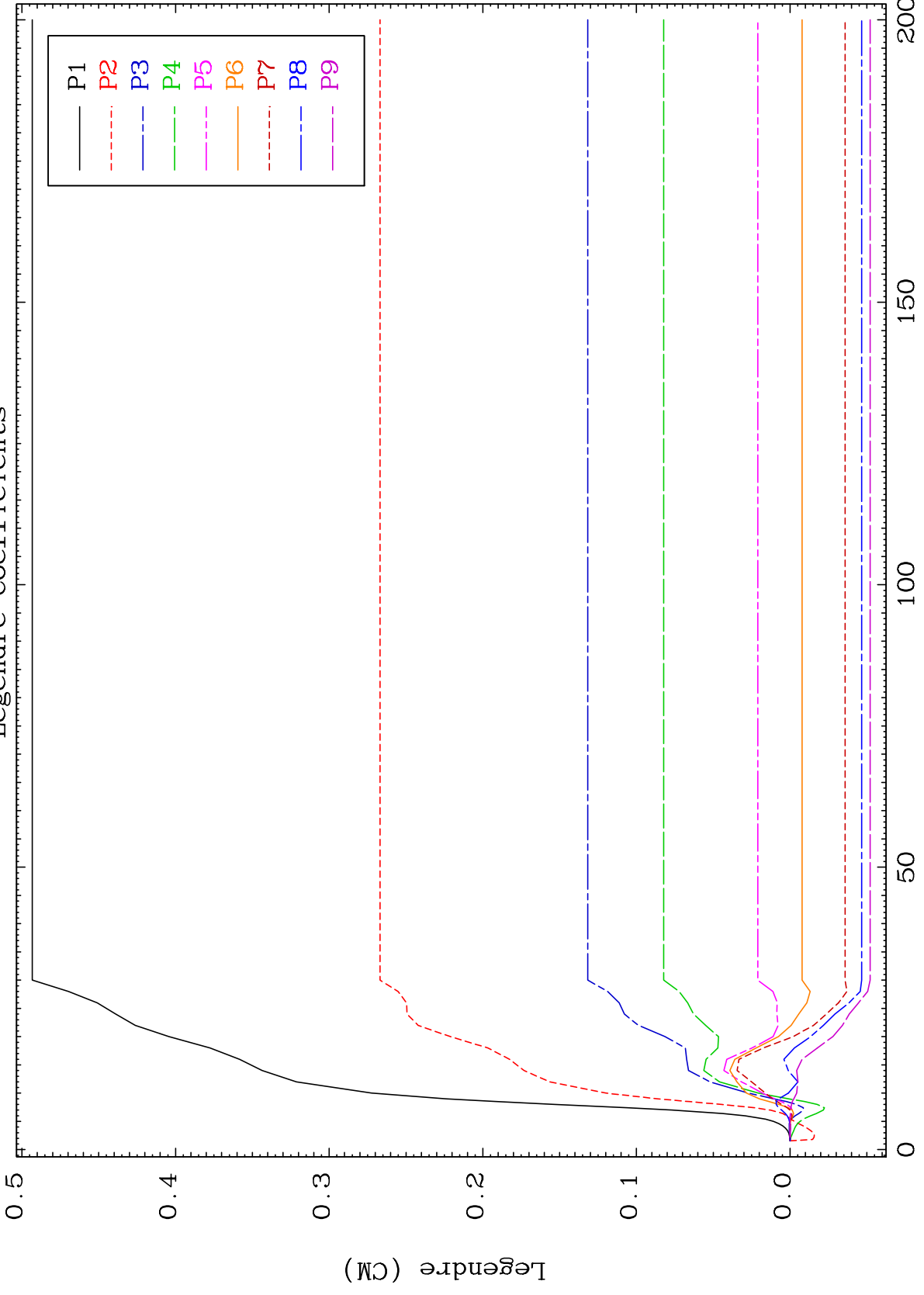


53 Incident Energy (MeV) 49-In-109

MAT 4913

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

49-In-109



49-In-109

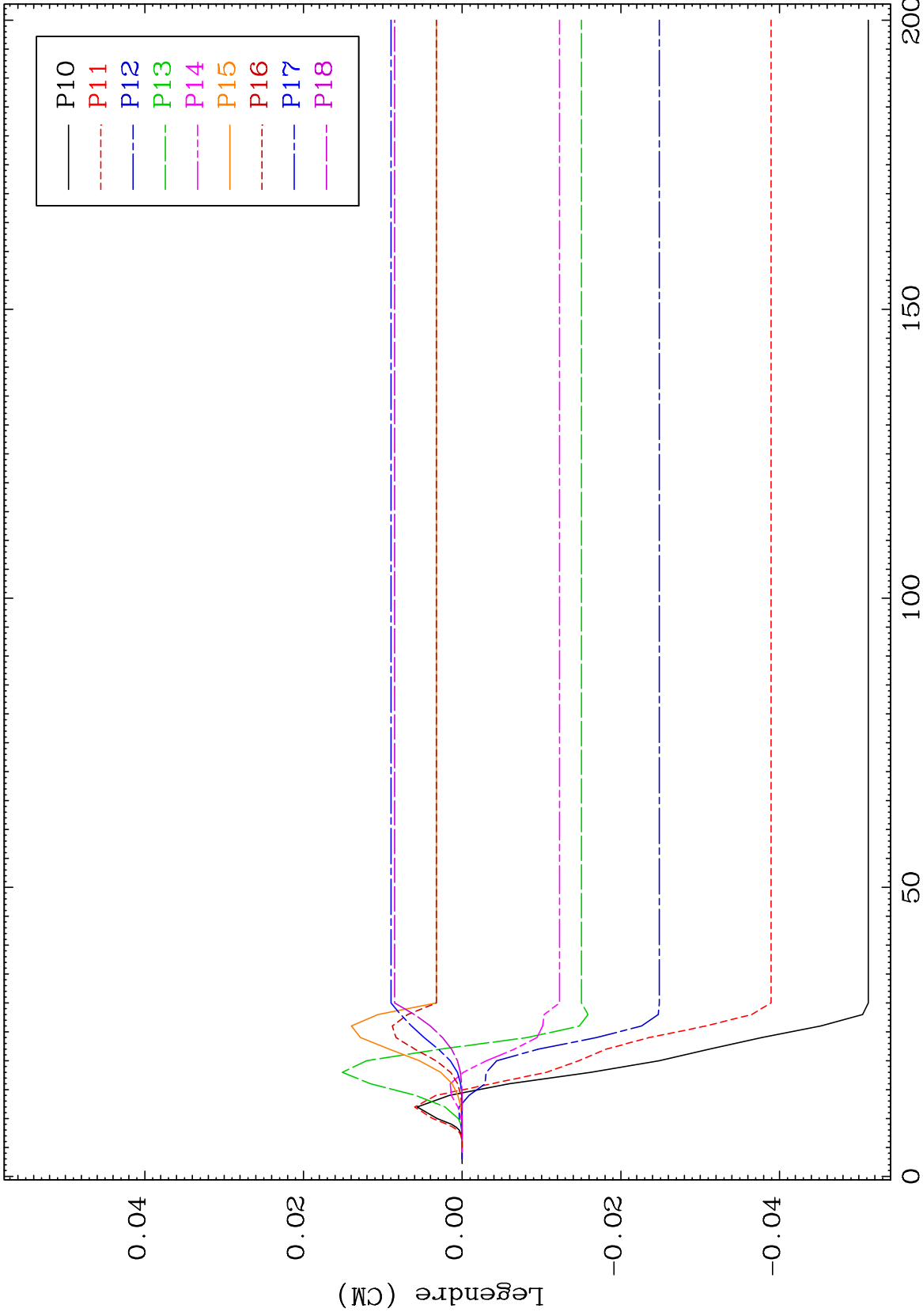
Incident Energy (MeV)

54

MAT 4913

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

49-In-109



55

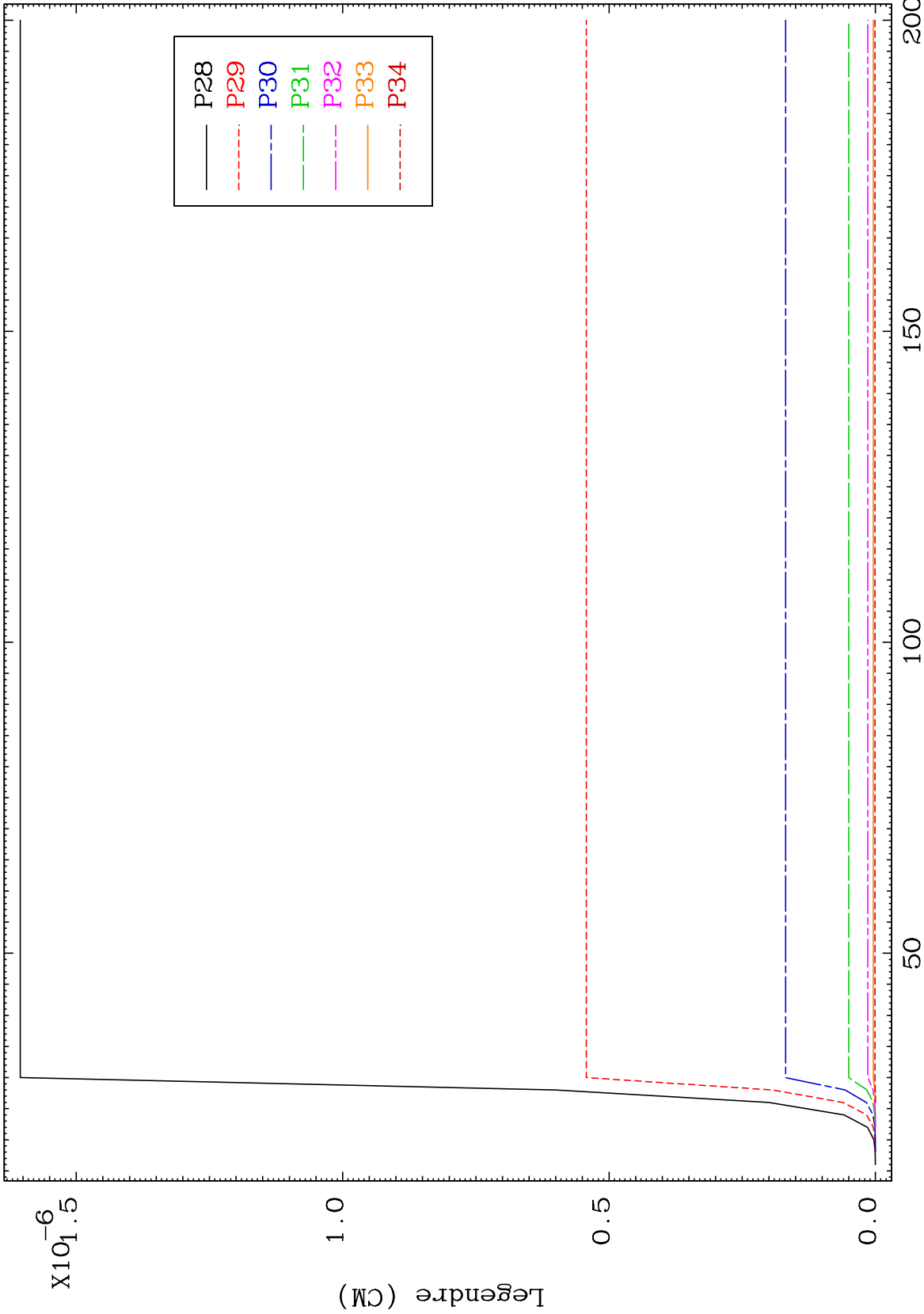
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



57

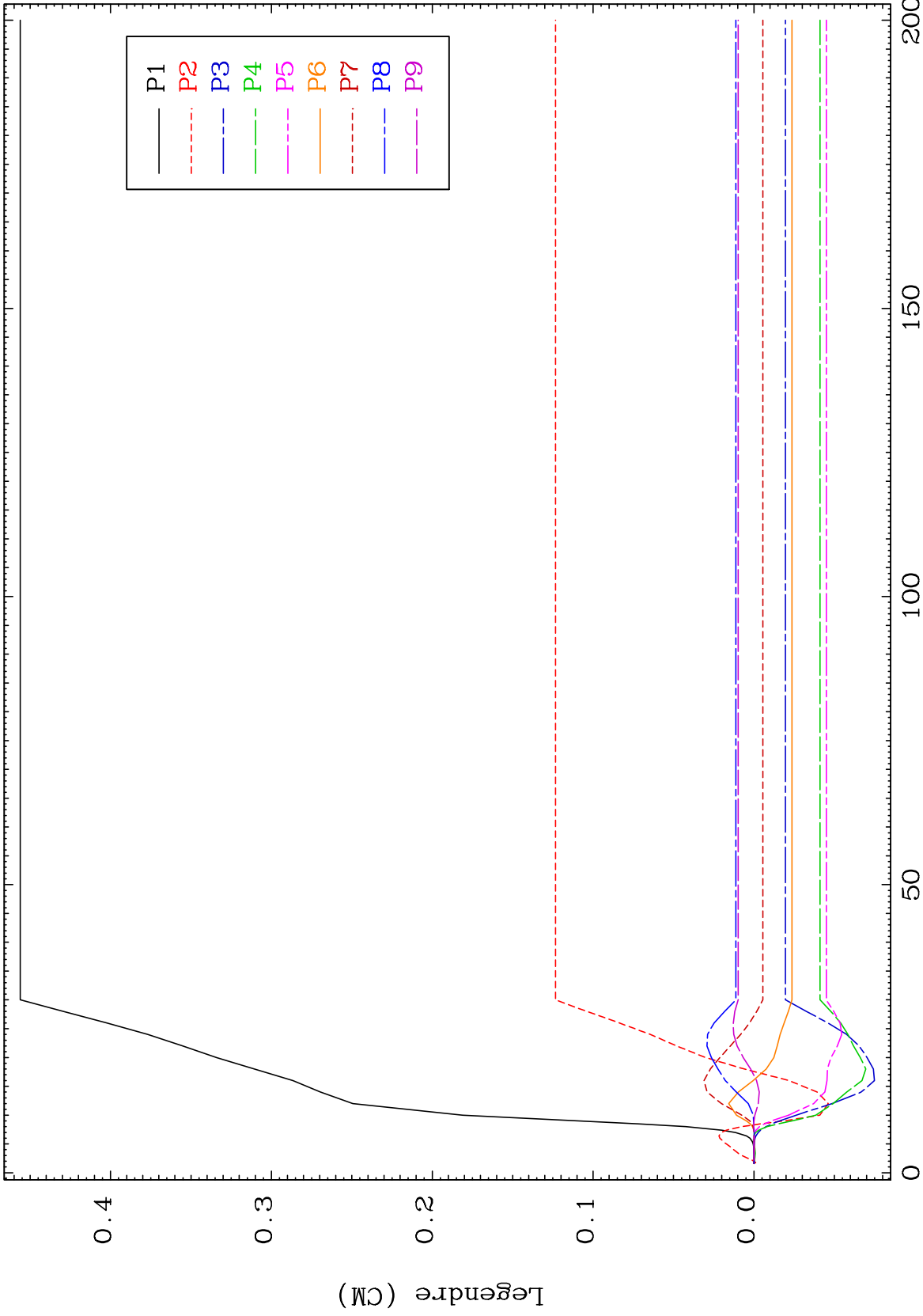
Incident Energy (MeV)

49-In-109

MAT 4913

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

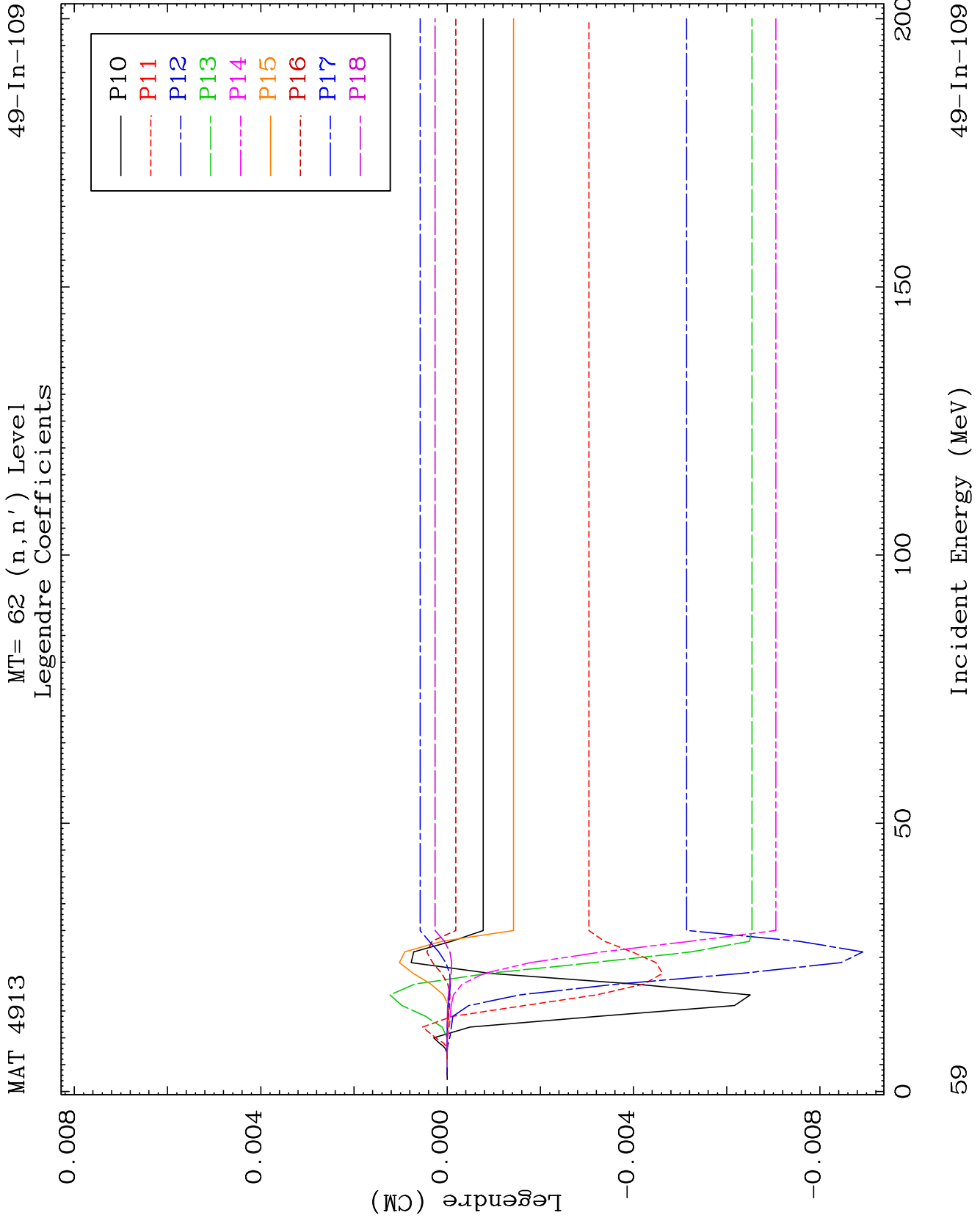
49-In-109



58

Incident Energy (MeV)

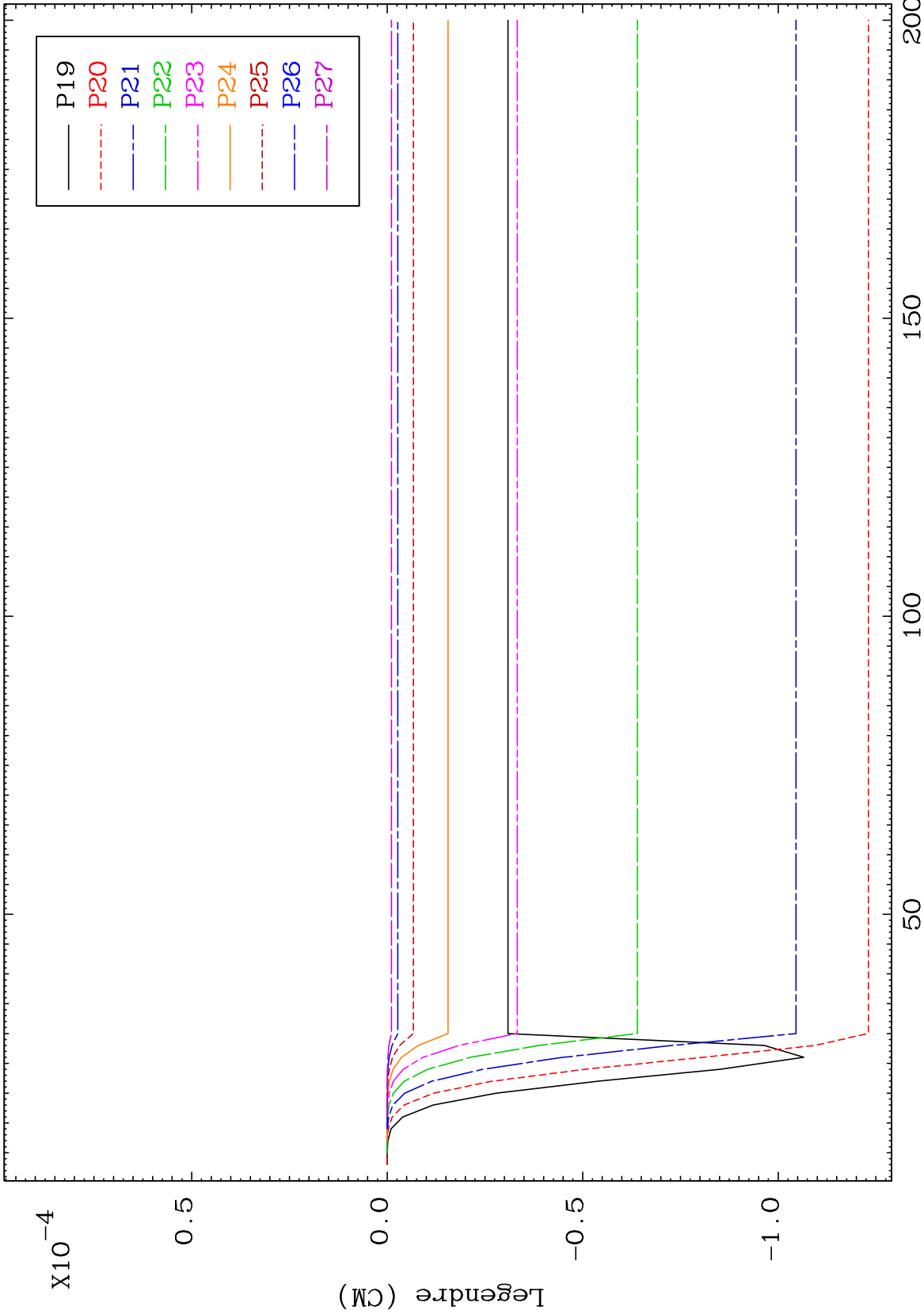
49-In-109



MAT 4913

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

49-In-109



60

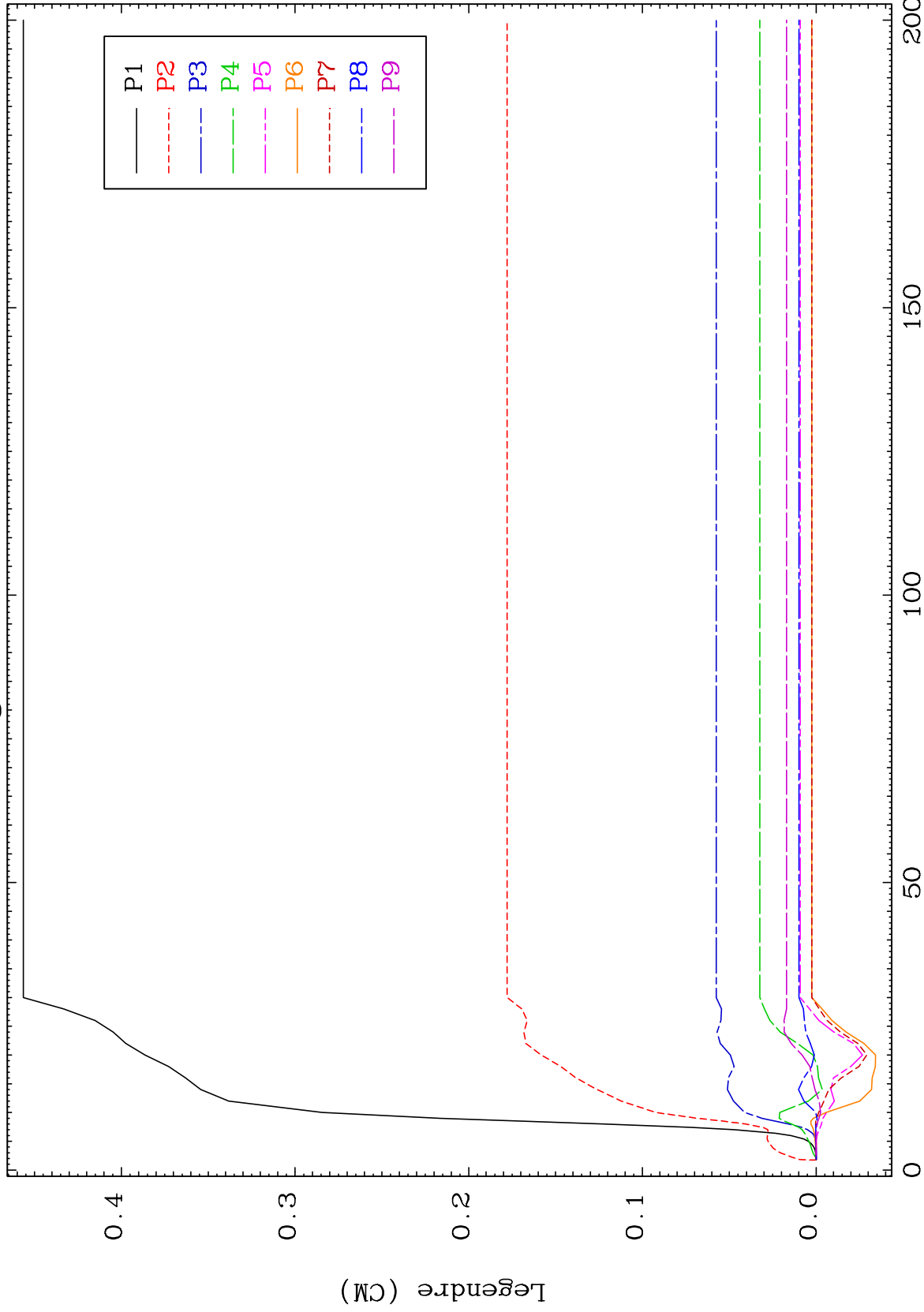
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



62

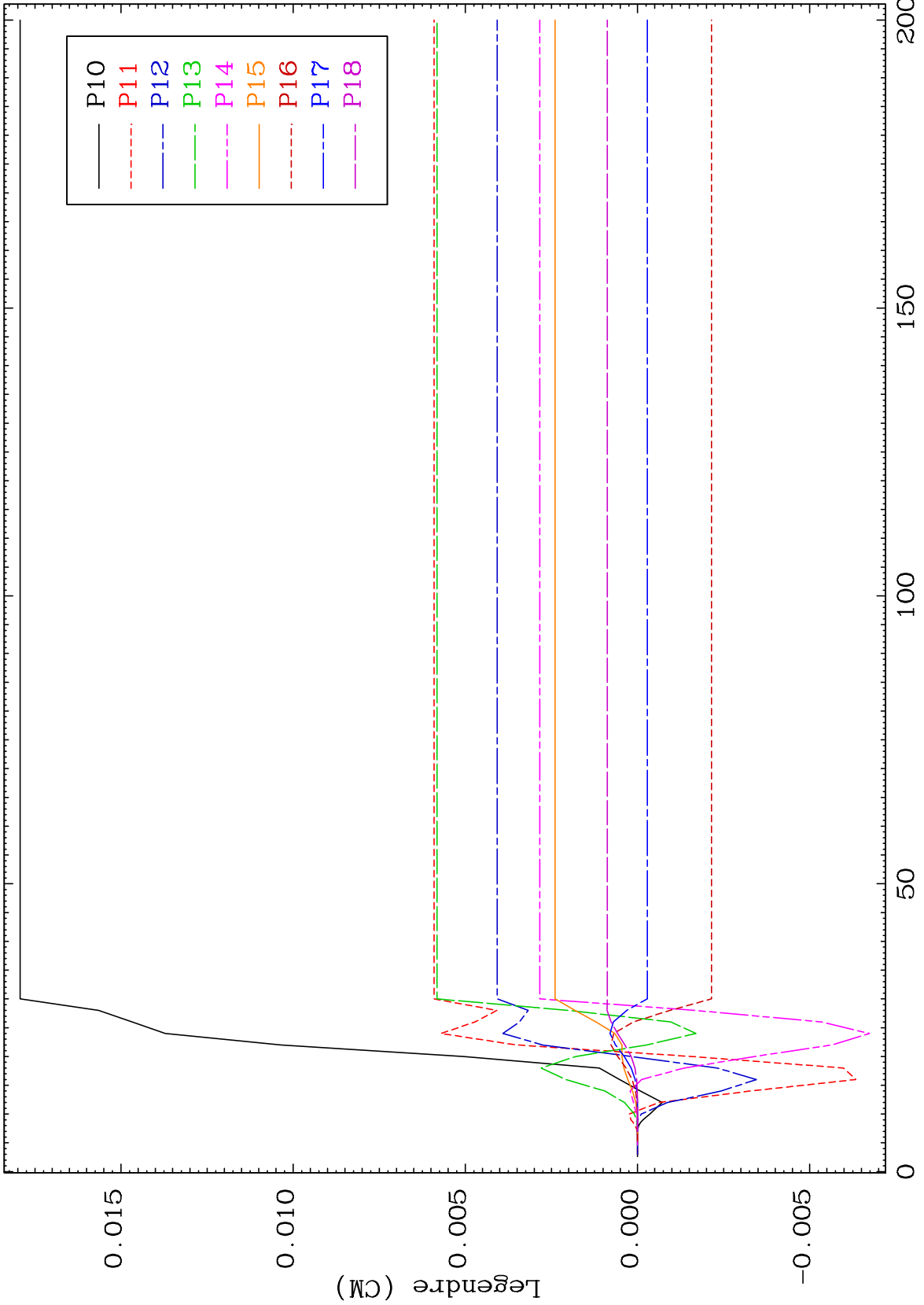
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



63

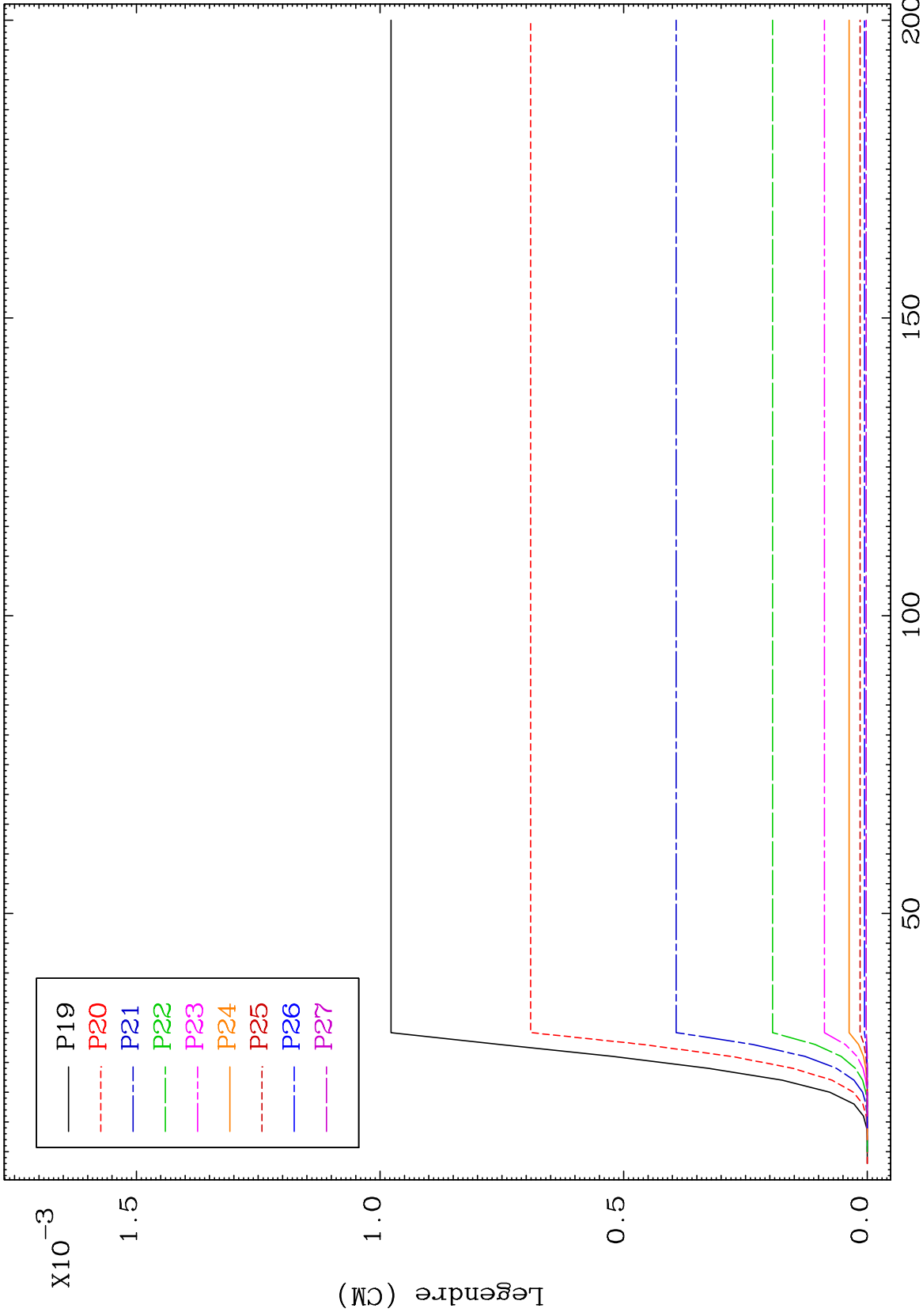
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



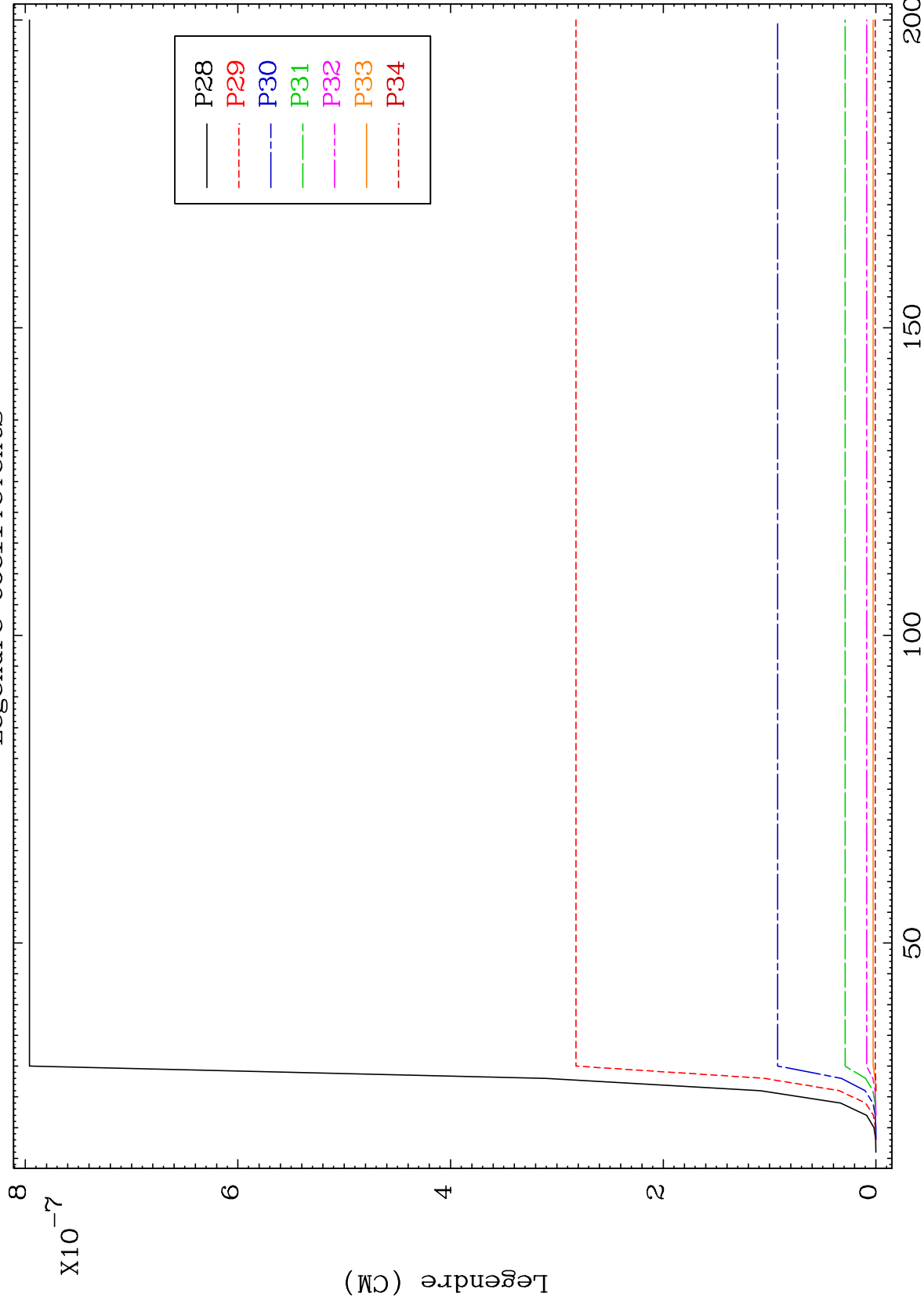
64

49-In-109

MAT 4913

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

49-In-109



65

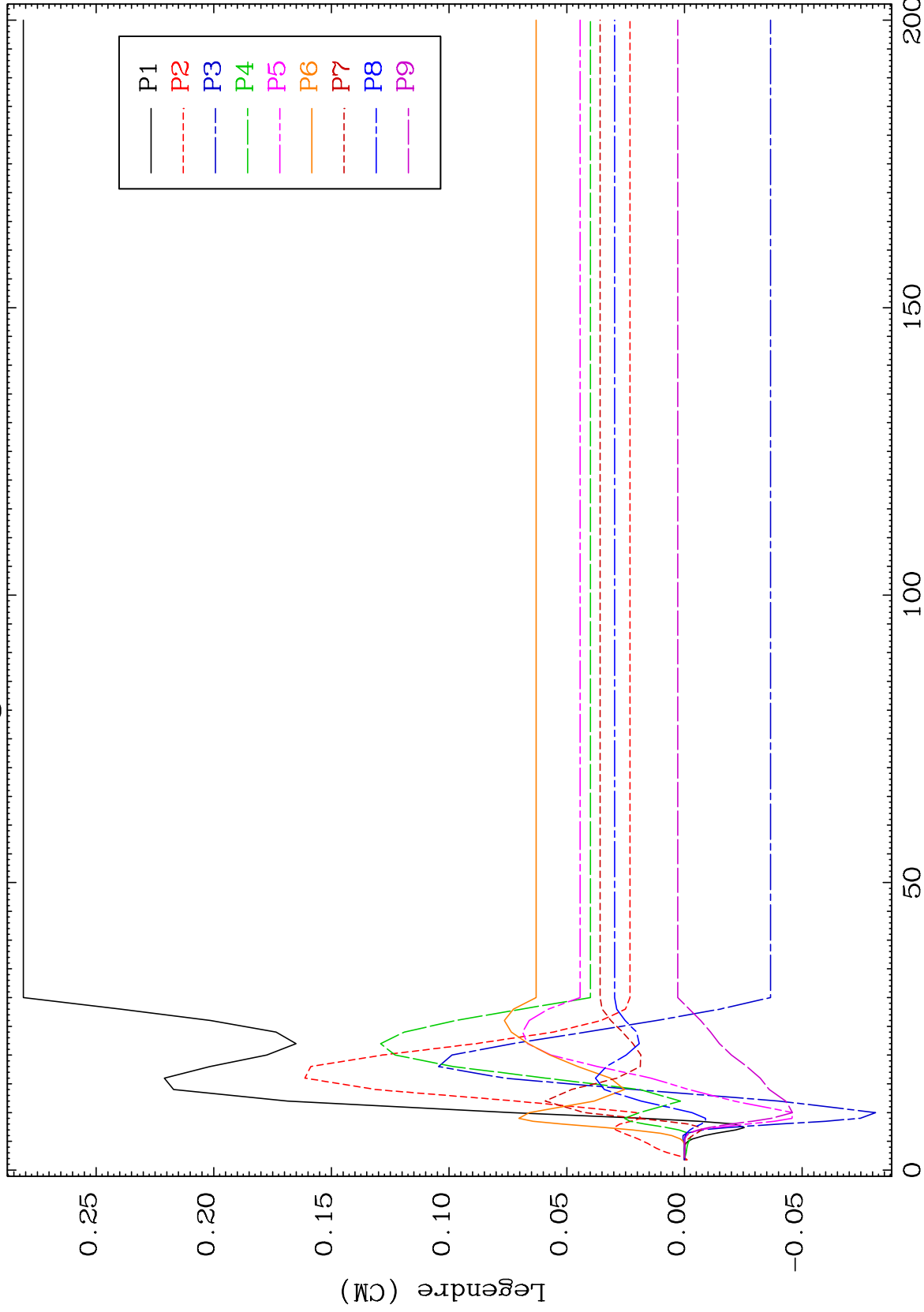
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



66

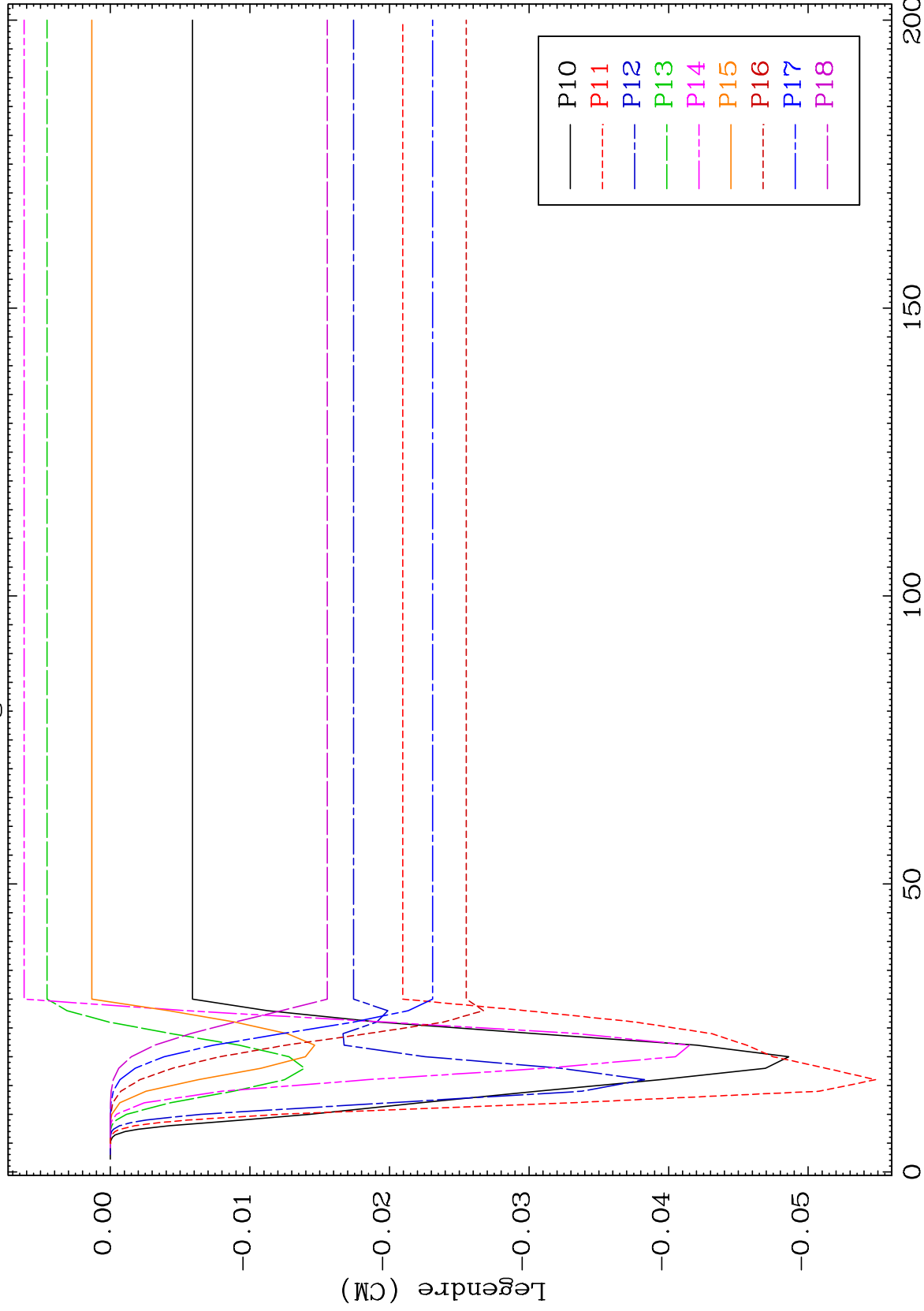
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109

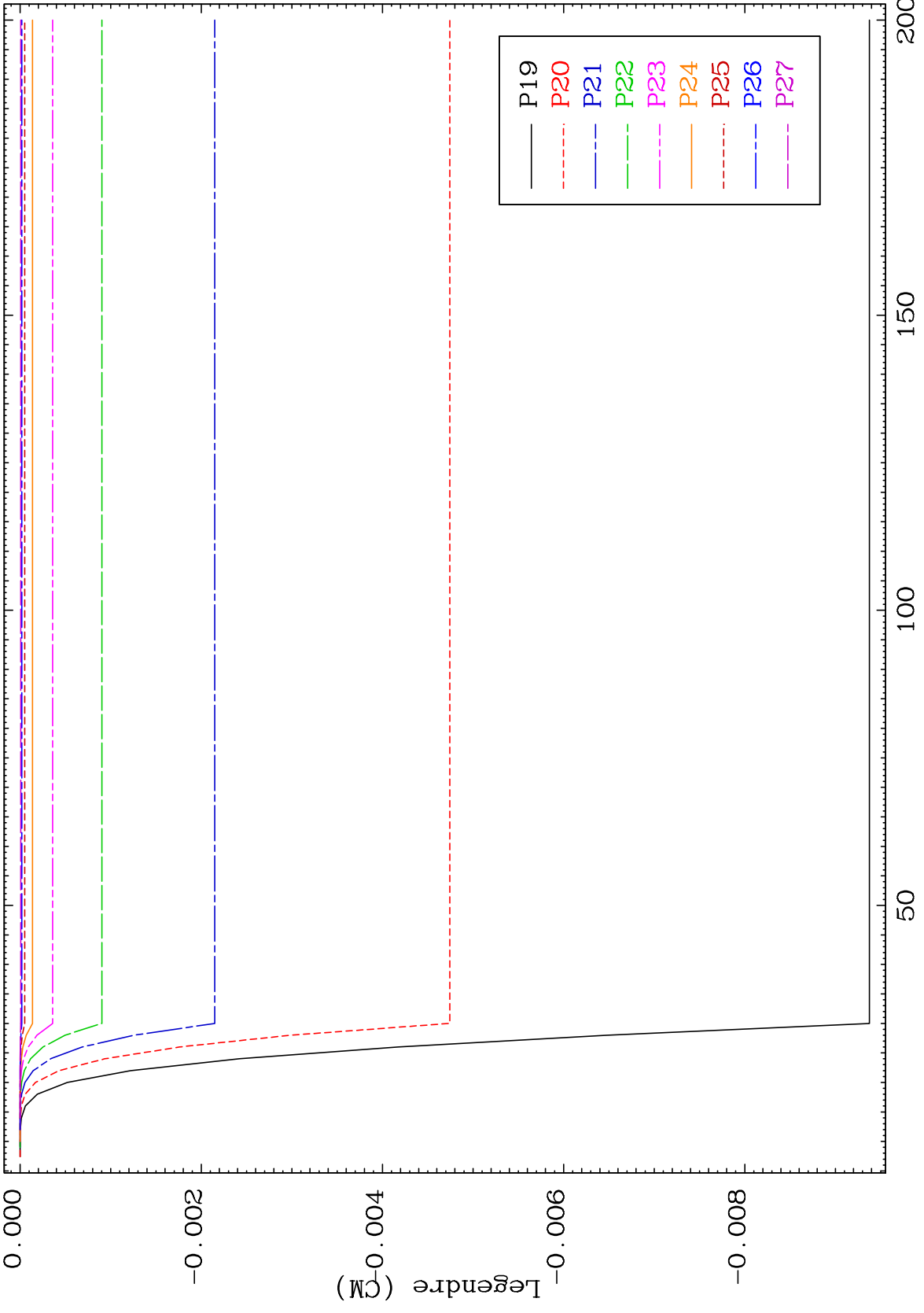


67

Incident Energy (MeV)

49-In-109

MAT 4913 MT= 64 (n,n') Level Legendre Coefficients 49-In-109

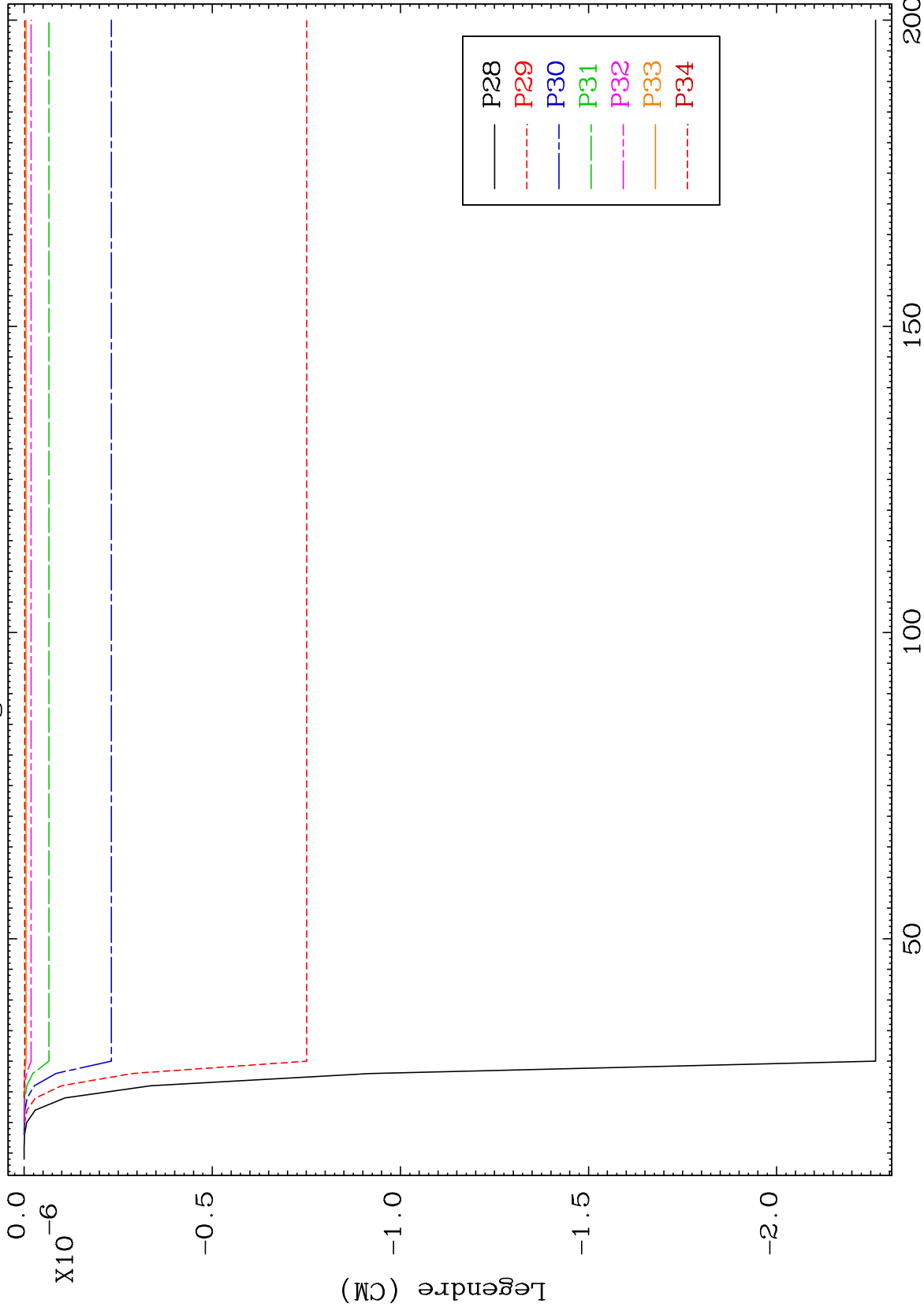


68 49-In-109

MAT 4913

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

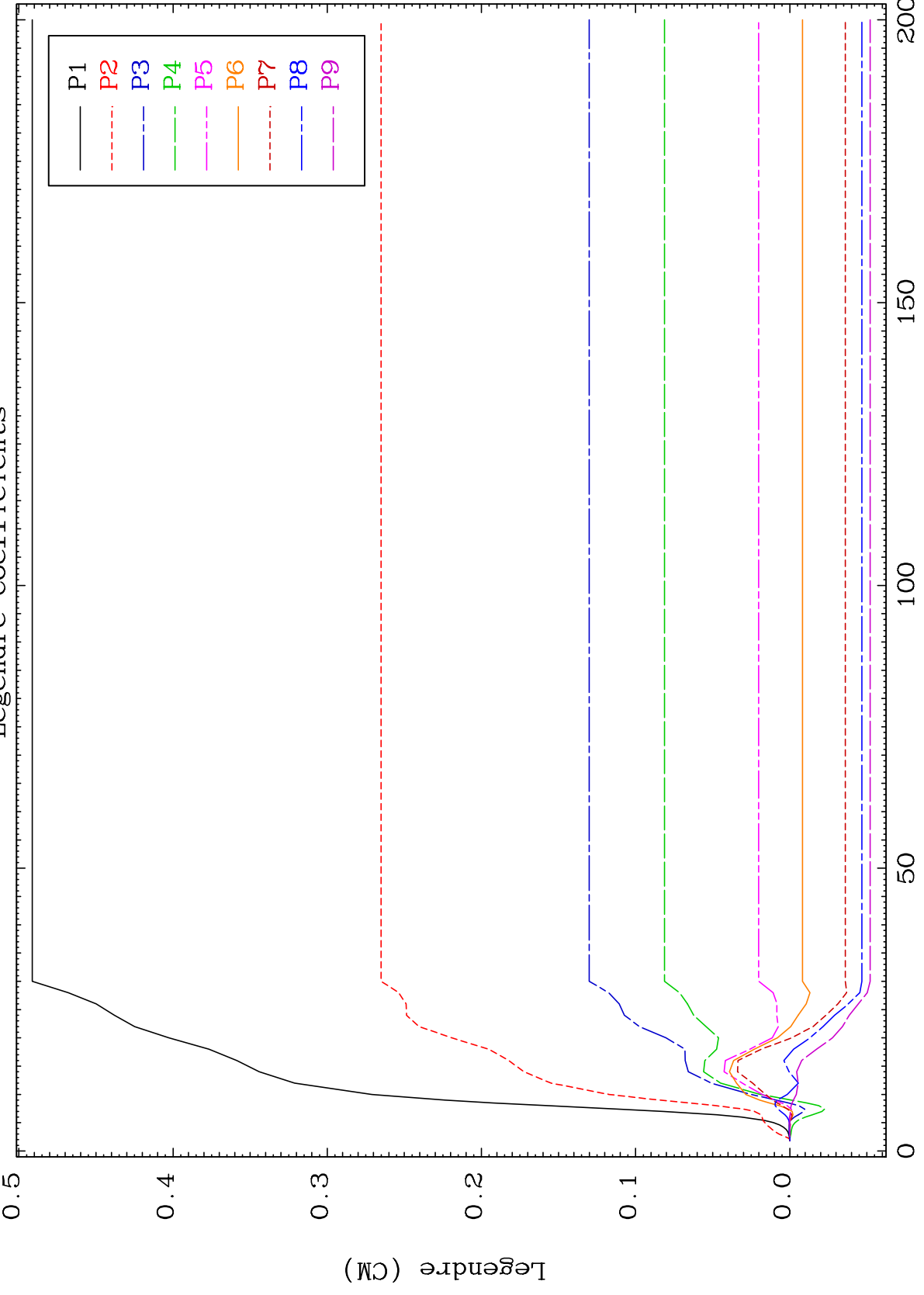
49-In-109



69

49-In-109

MAT 4913 MT= 65 (n,n') Level Legendre Coefficients 49-In-109

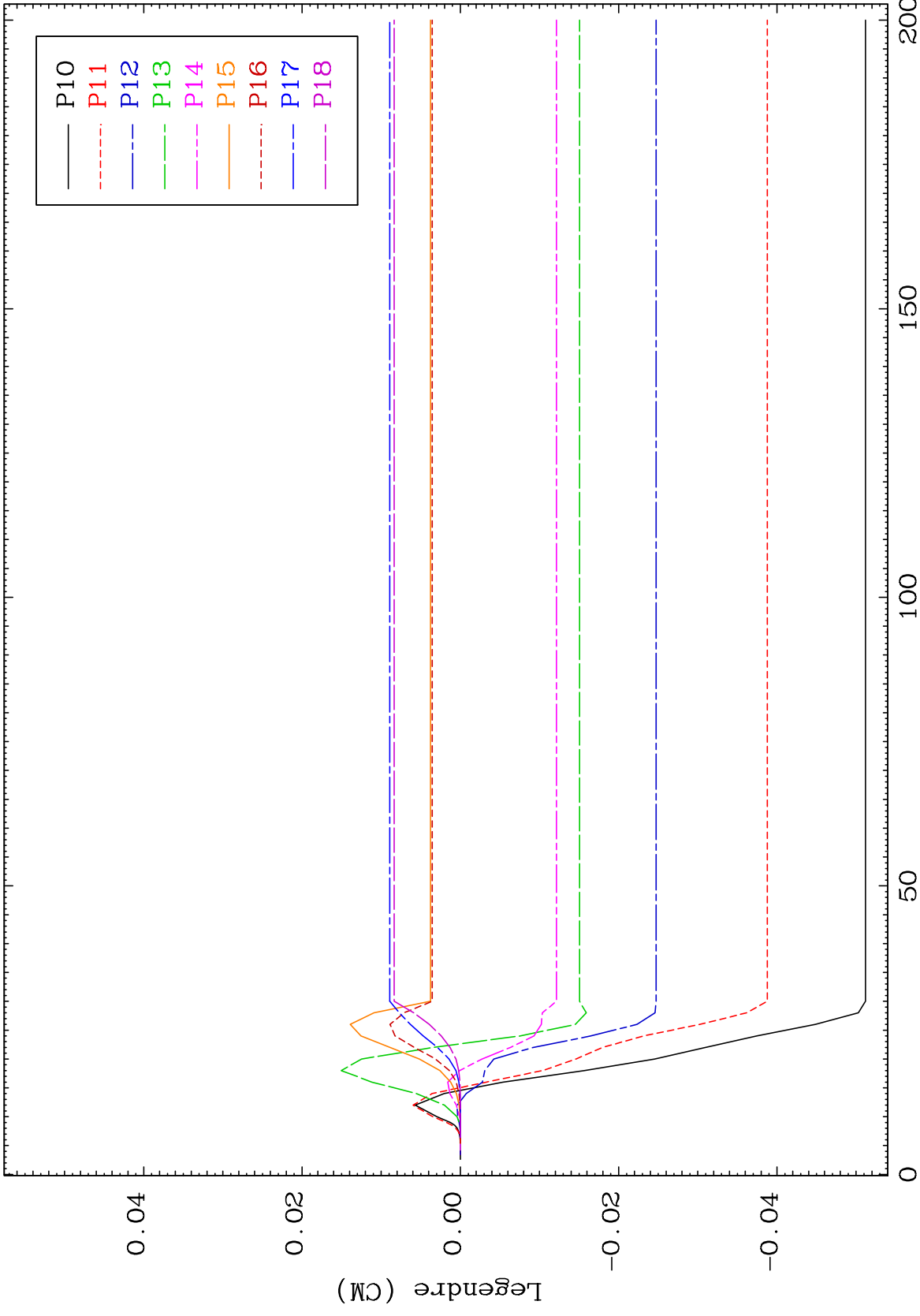


70 50 100 150 200 Incident Energy (MeV) 49-In-109

MAT 4913

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

49-In-109



71

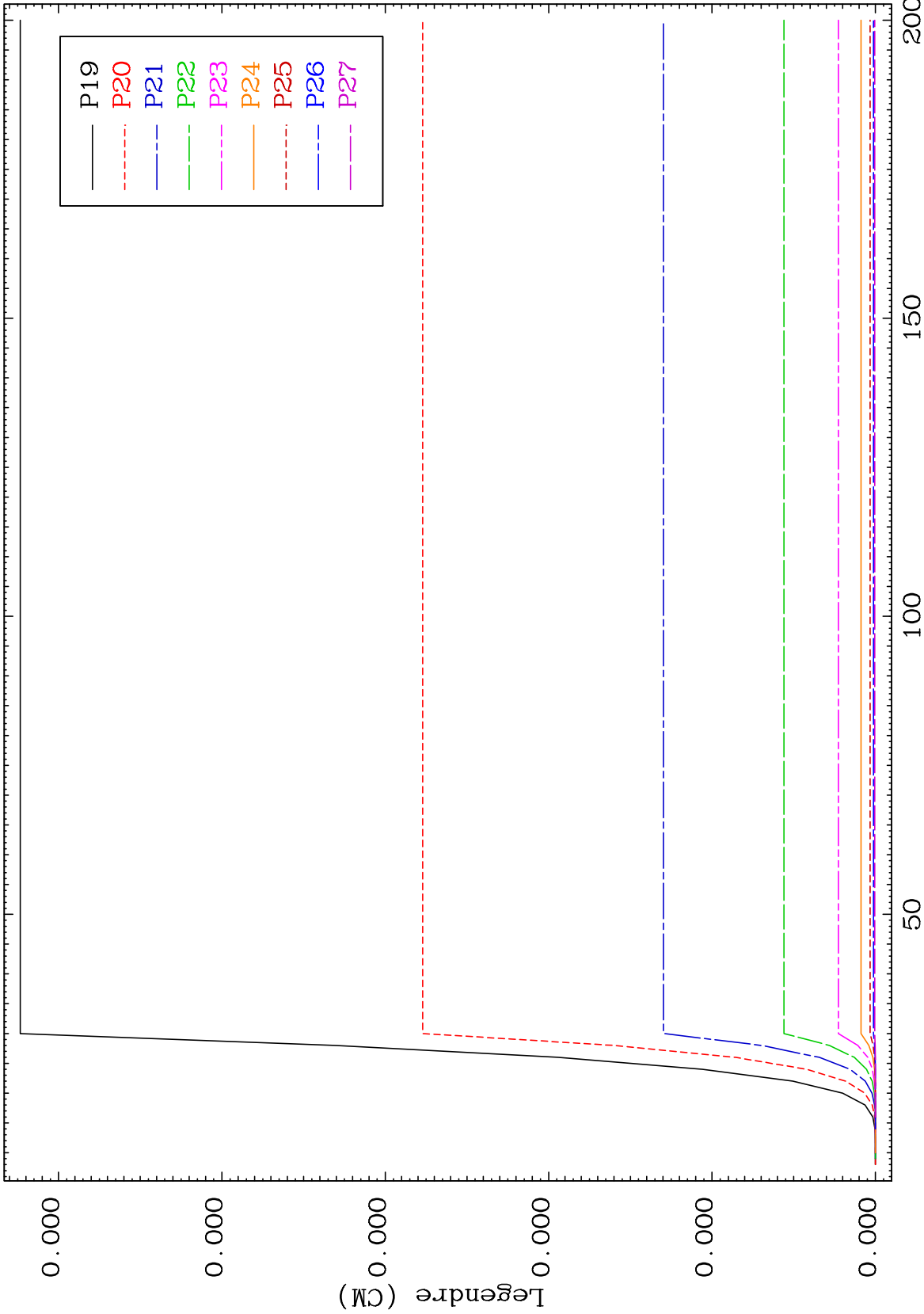
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



72

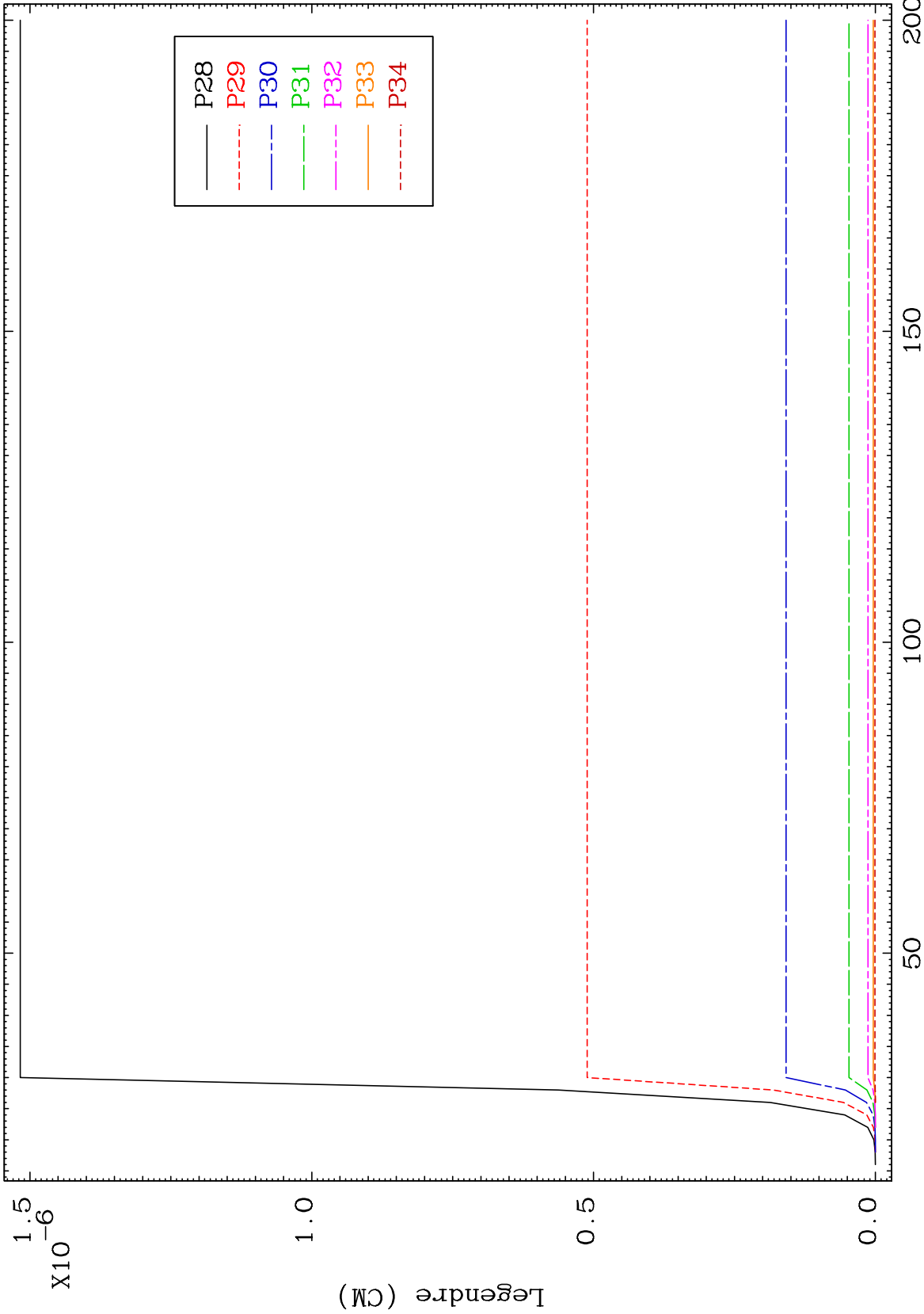
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



73

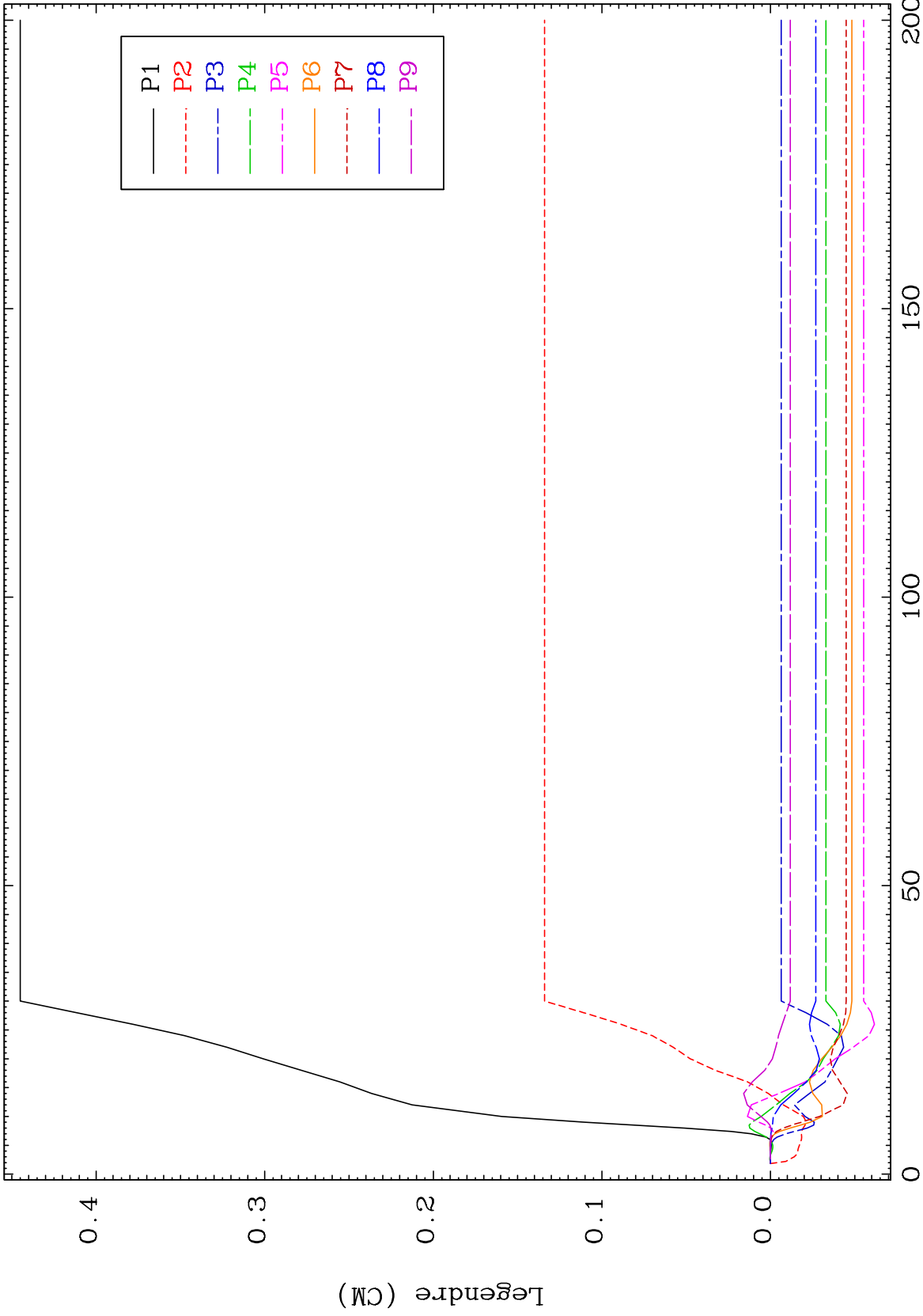
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



74

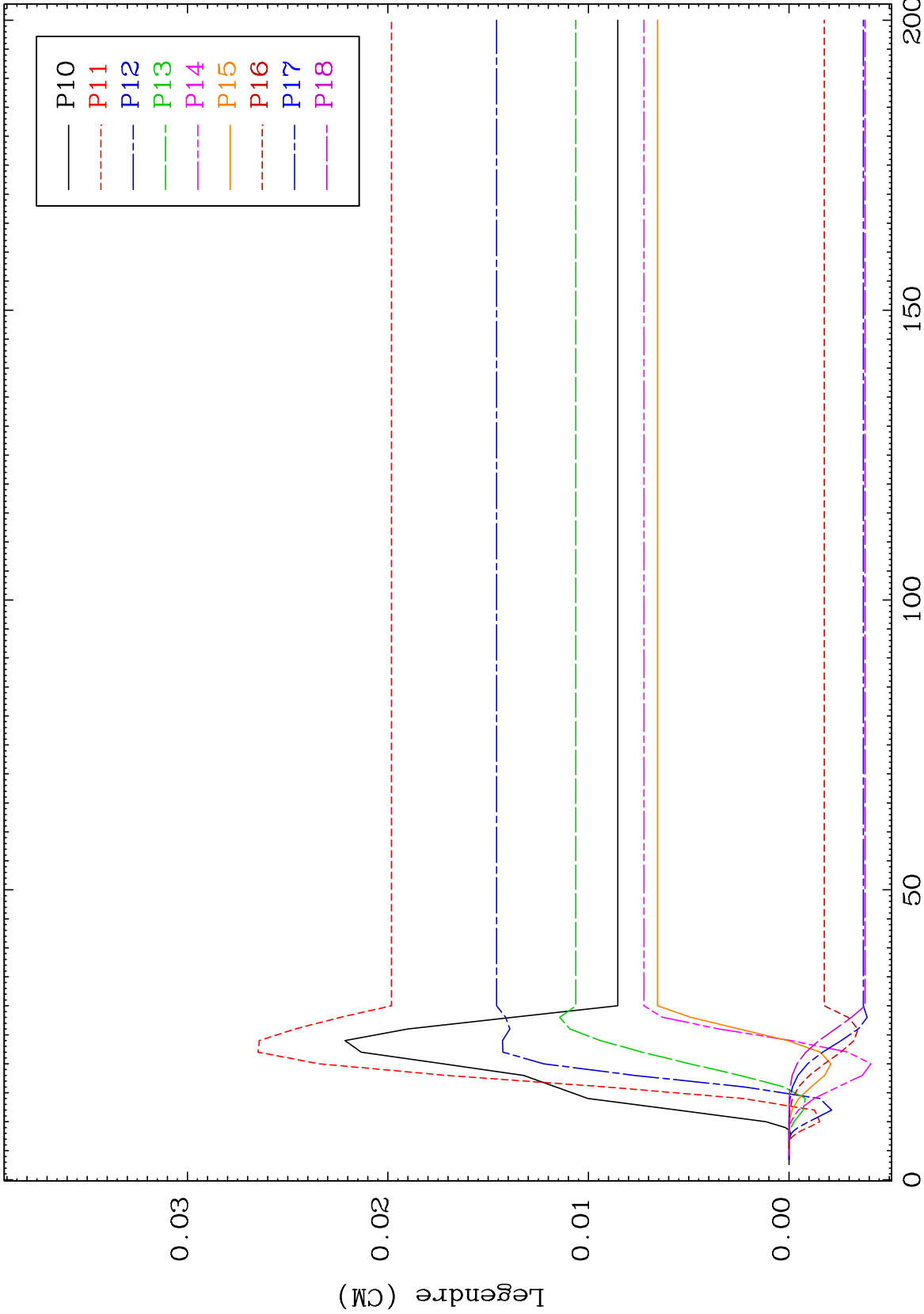
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



75

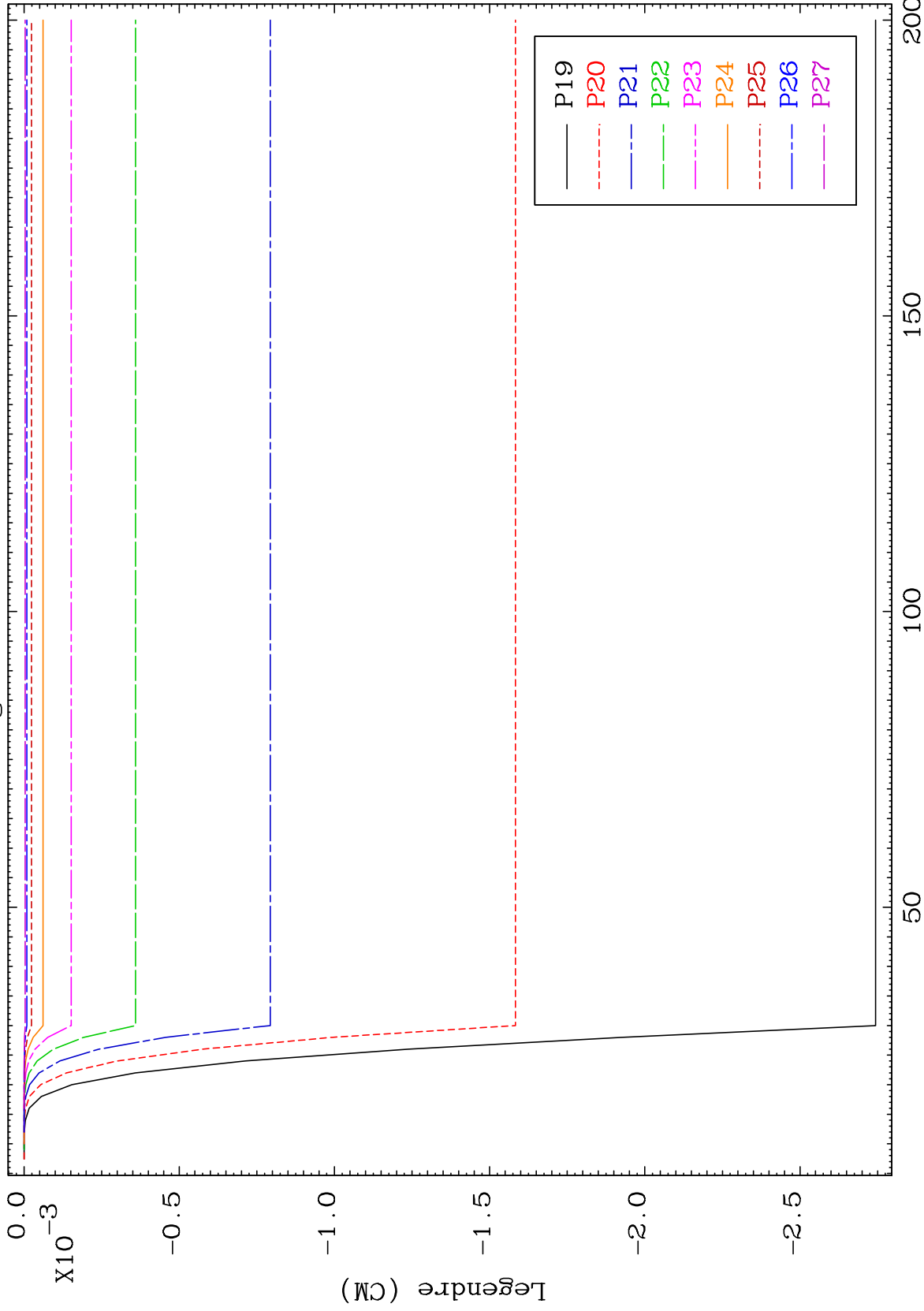
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



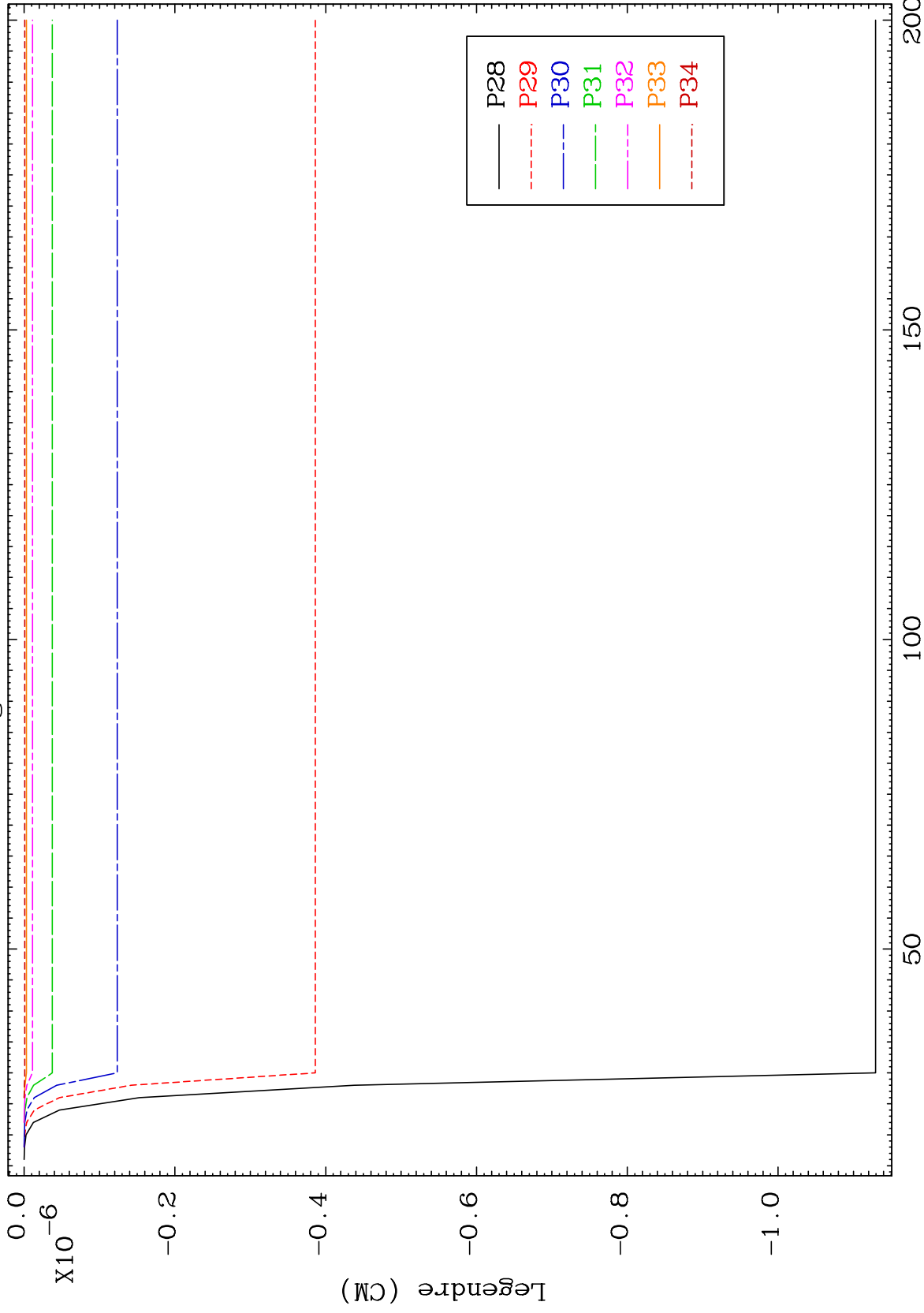
76

49-In-109

MAT 4913

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

49-In-109



49-In-109

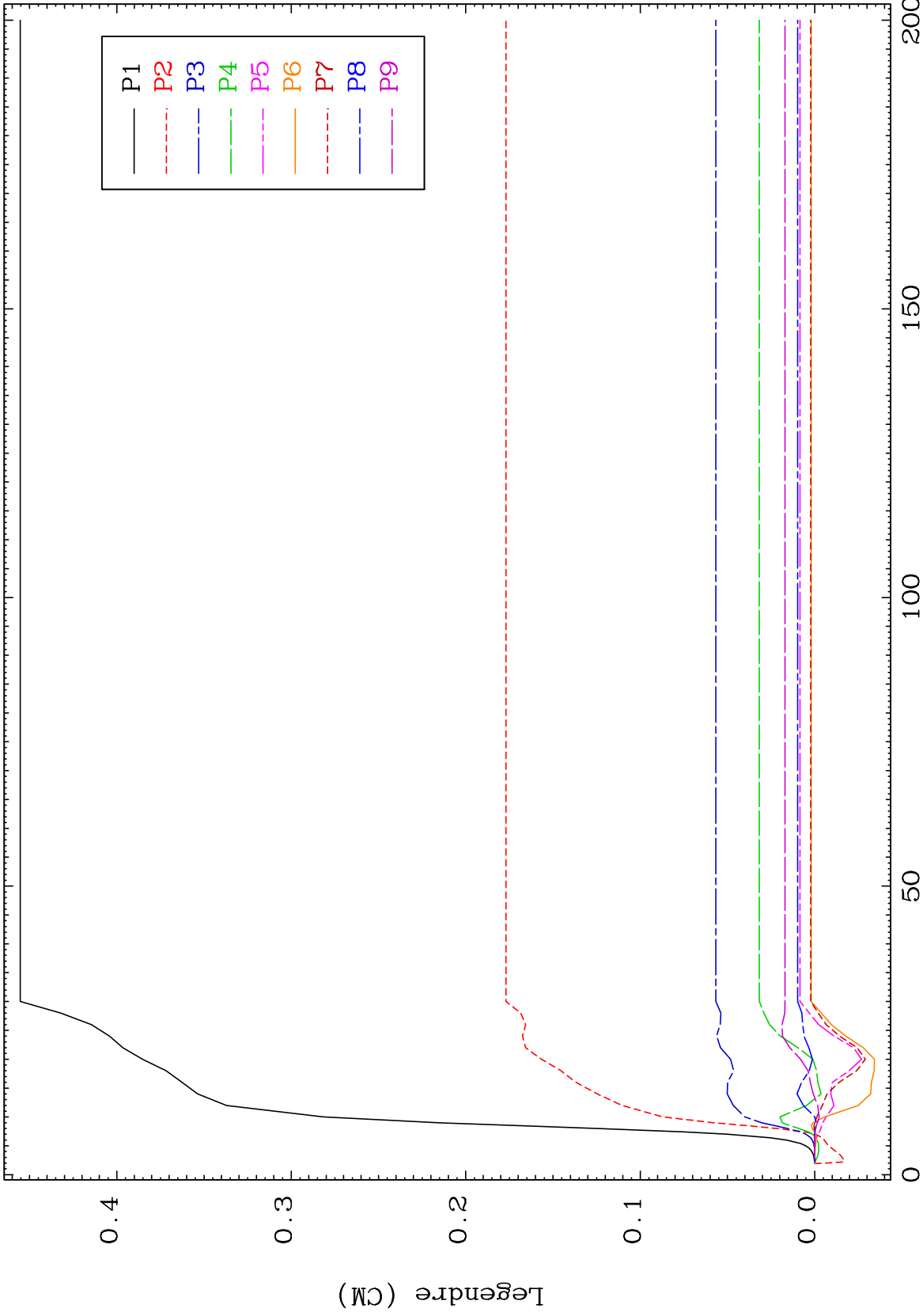
Incident Energy (MeV)

77

MAT 4913

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

49-In-109



78

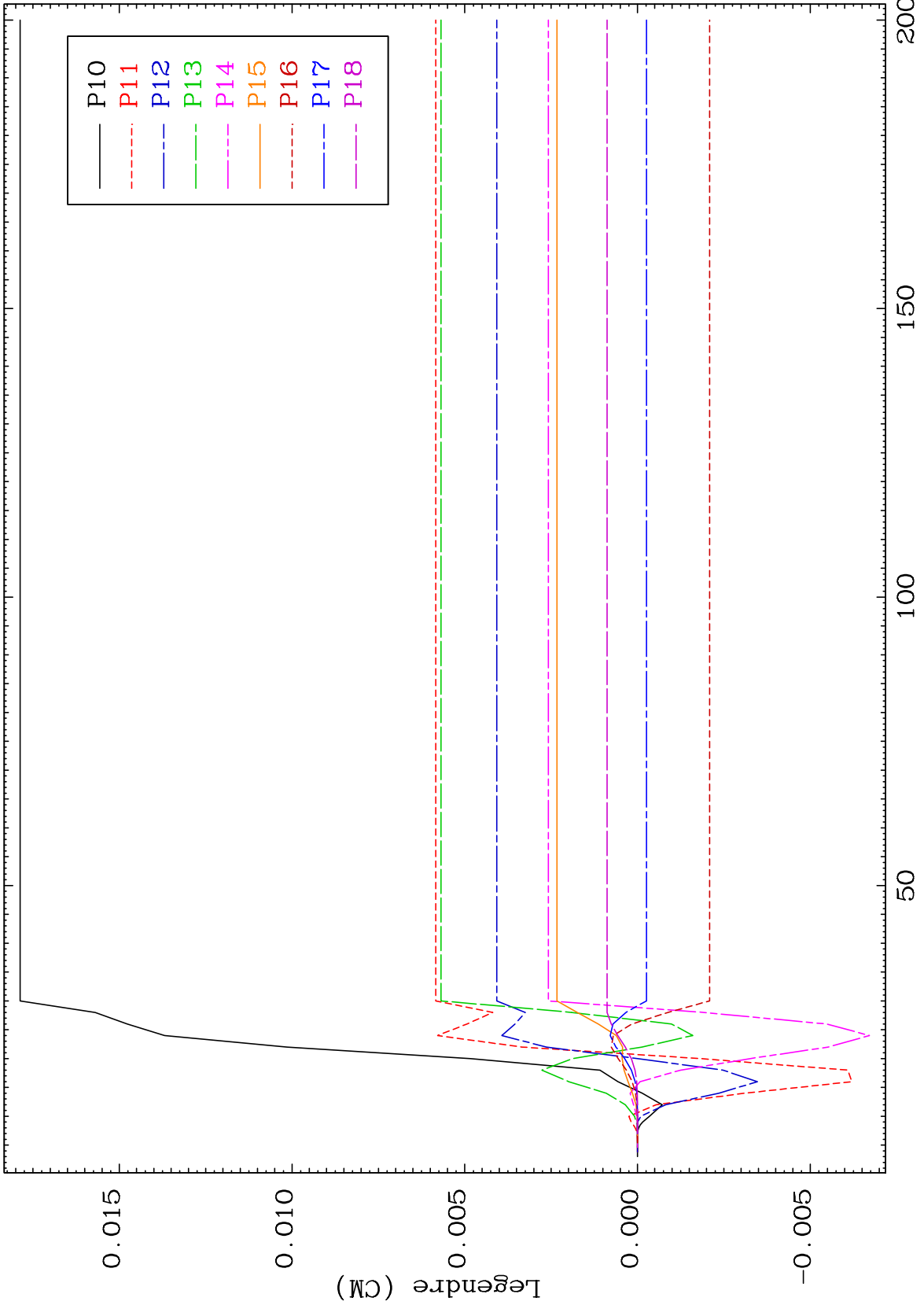
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



79

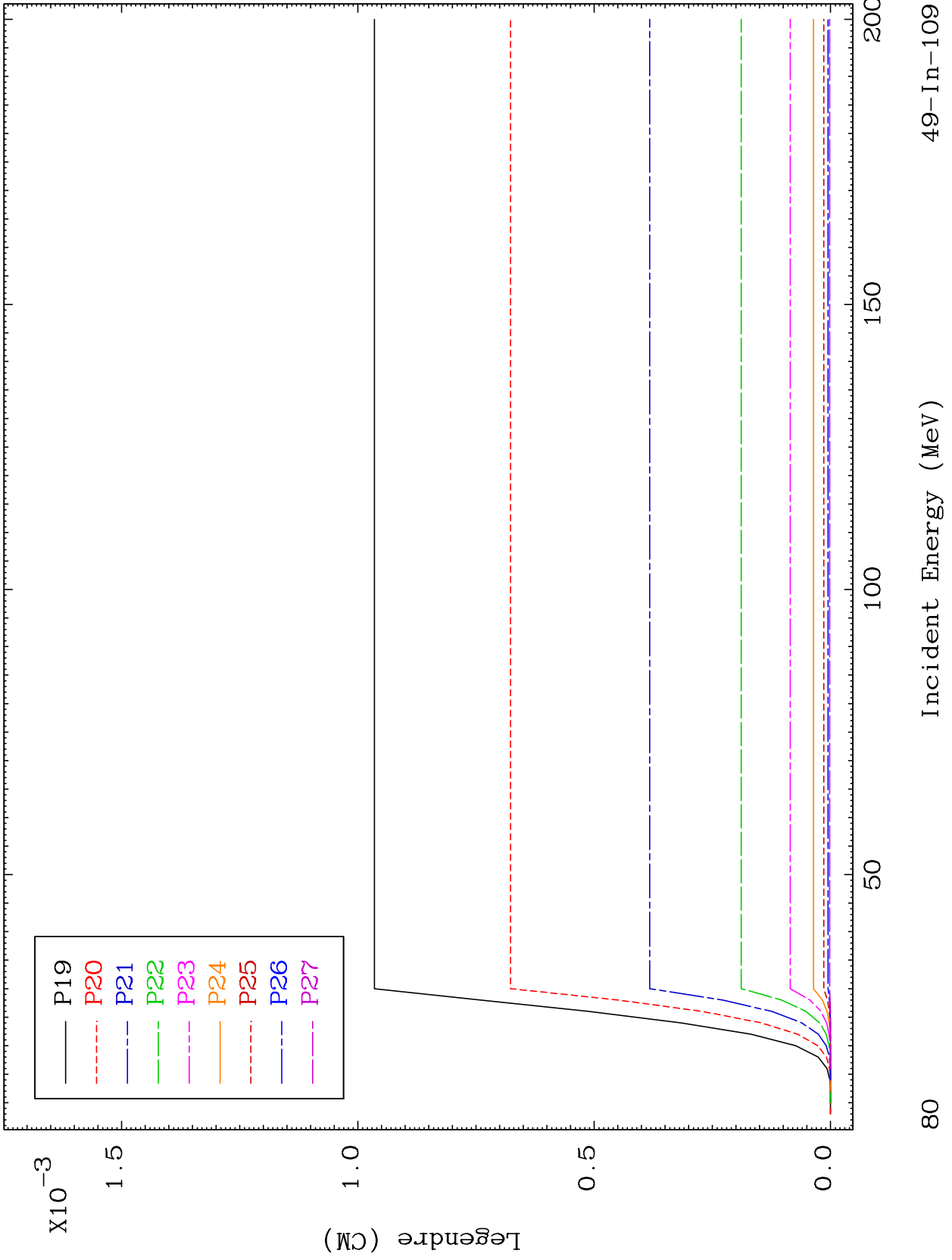
Incident Energy (MeV)

49-In-109

MAT 4913

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

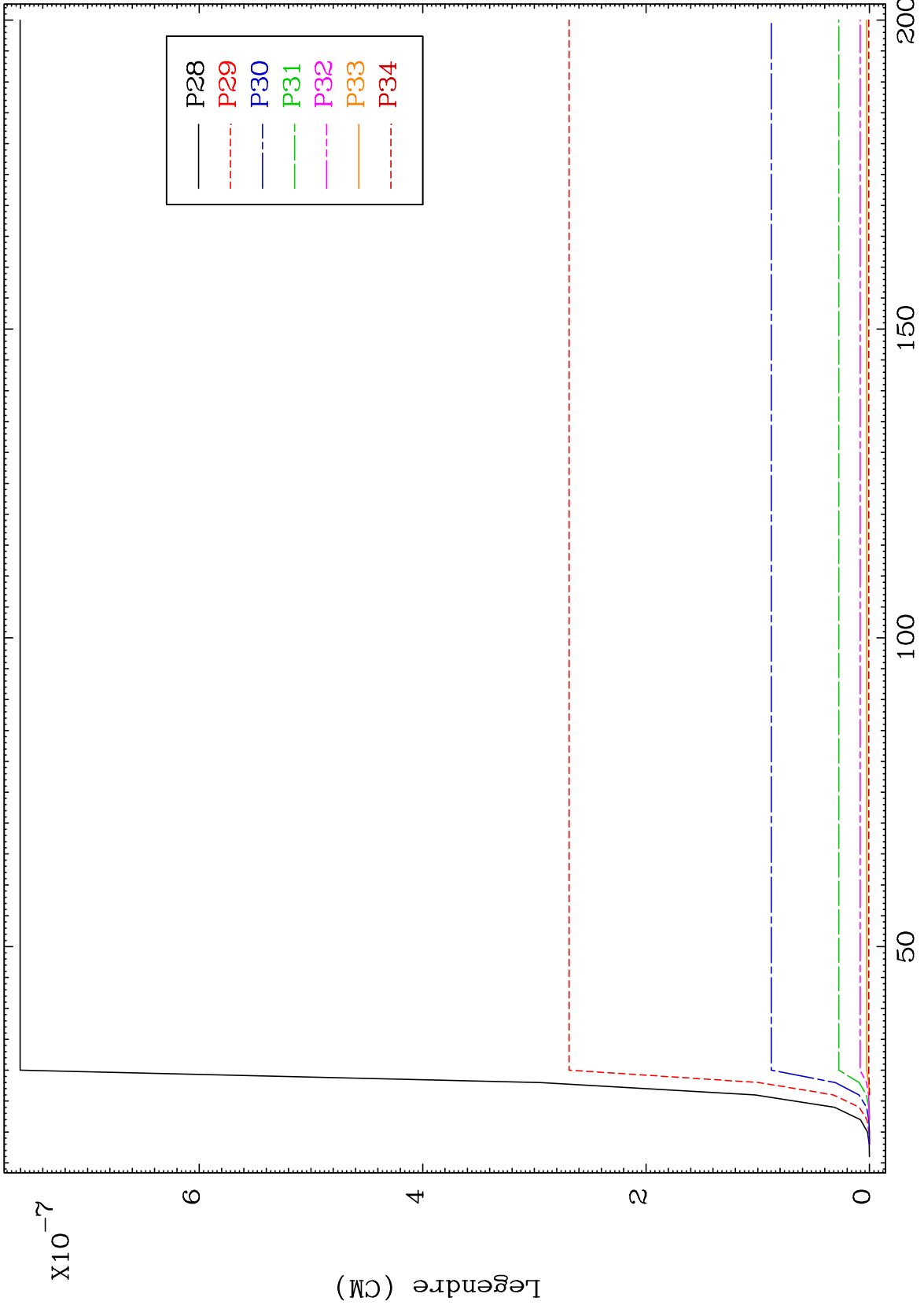
49-In-109



MAT 4913

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

49-In-109



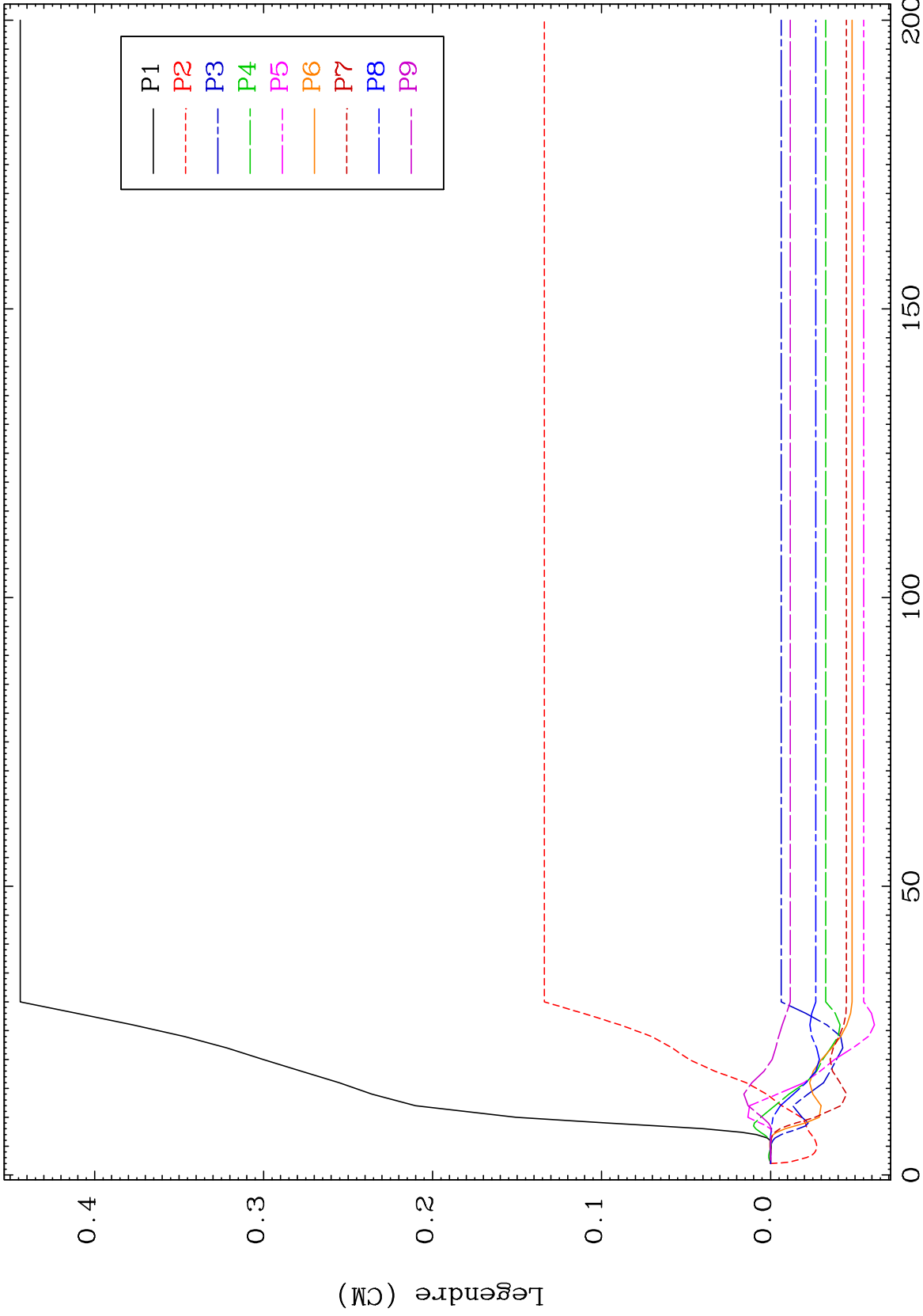
81

49-In-109

MAT 4913

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

49-In-109



82

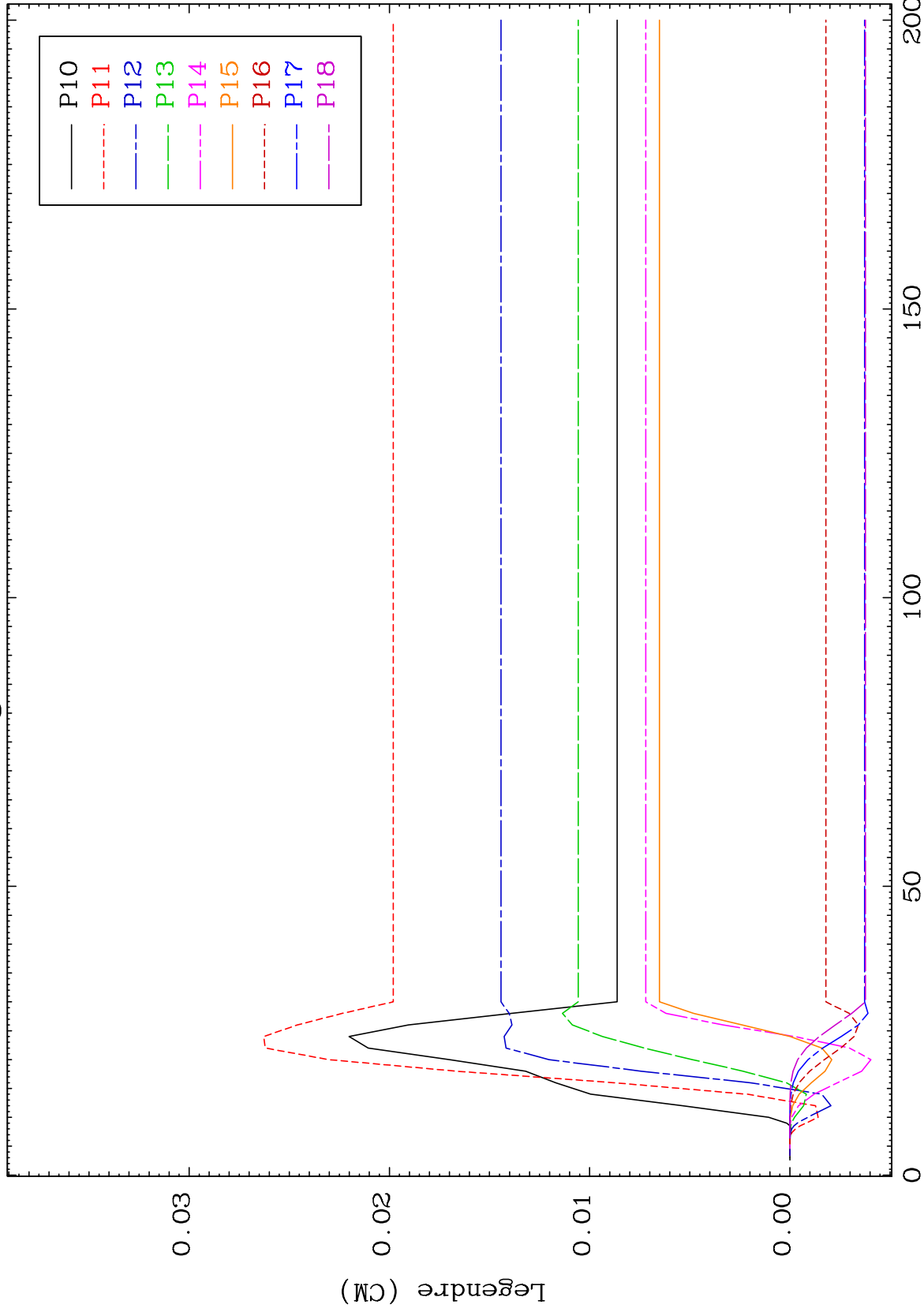
Incident Energy (MeV)

49-In-109

MAT 4913

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

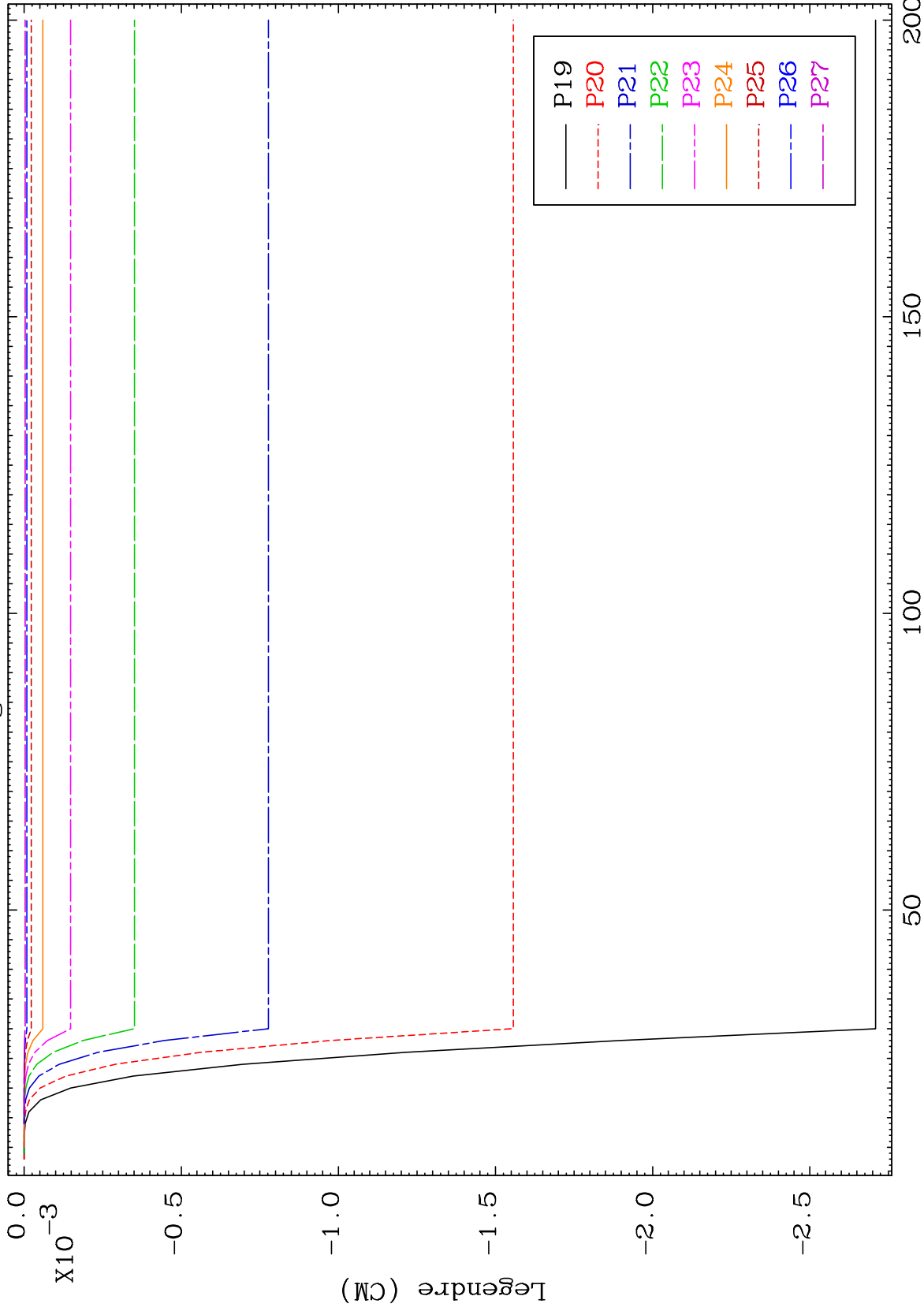
49-In-109



83

Incident Energy (MeV)

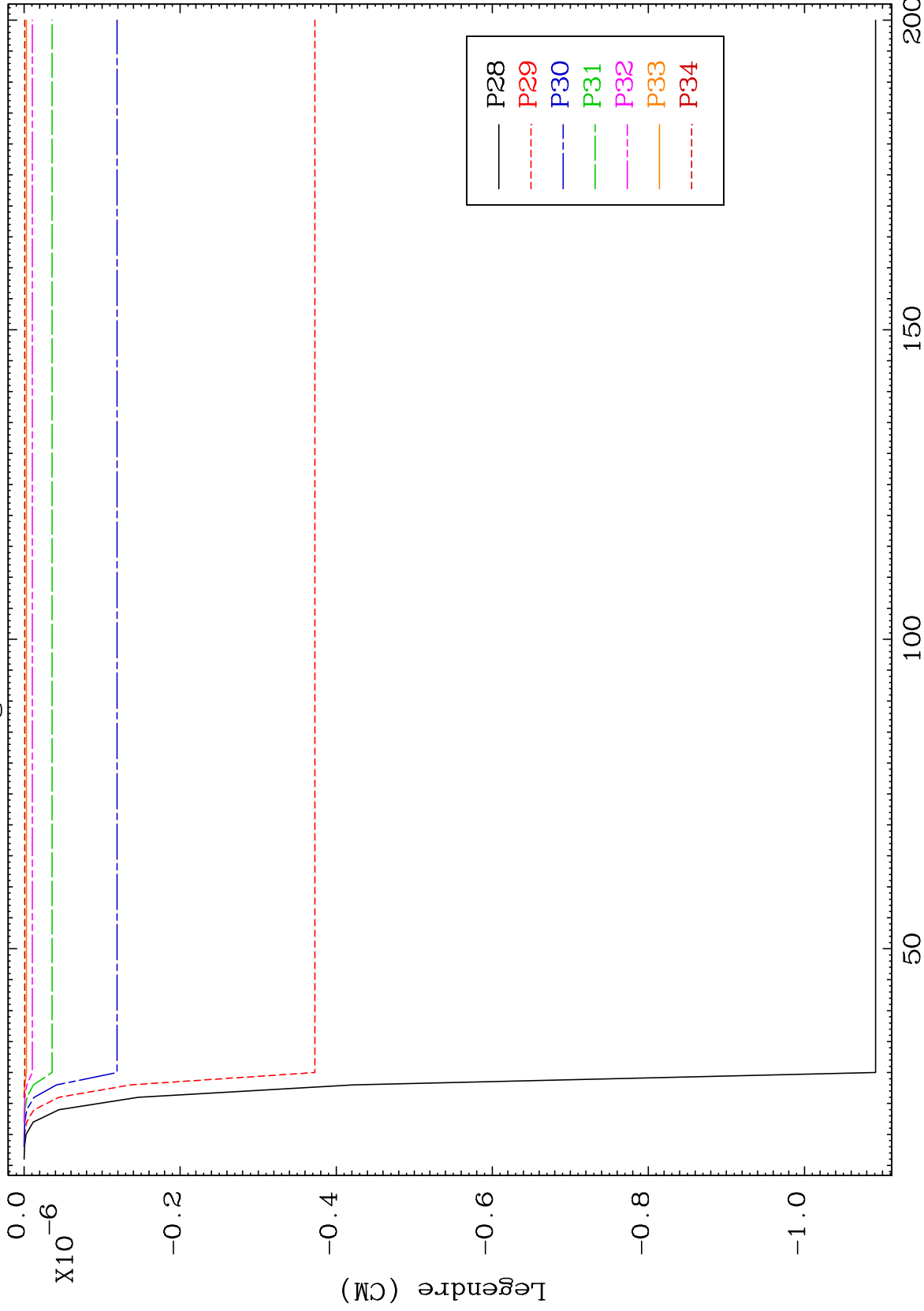
49-In-109



MAT 4913

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

49-In-109



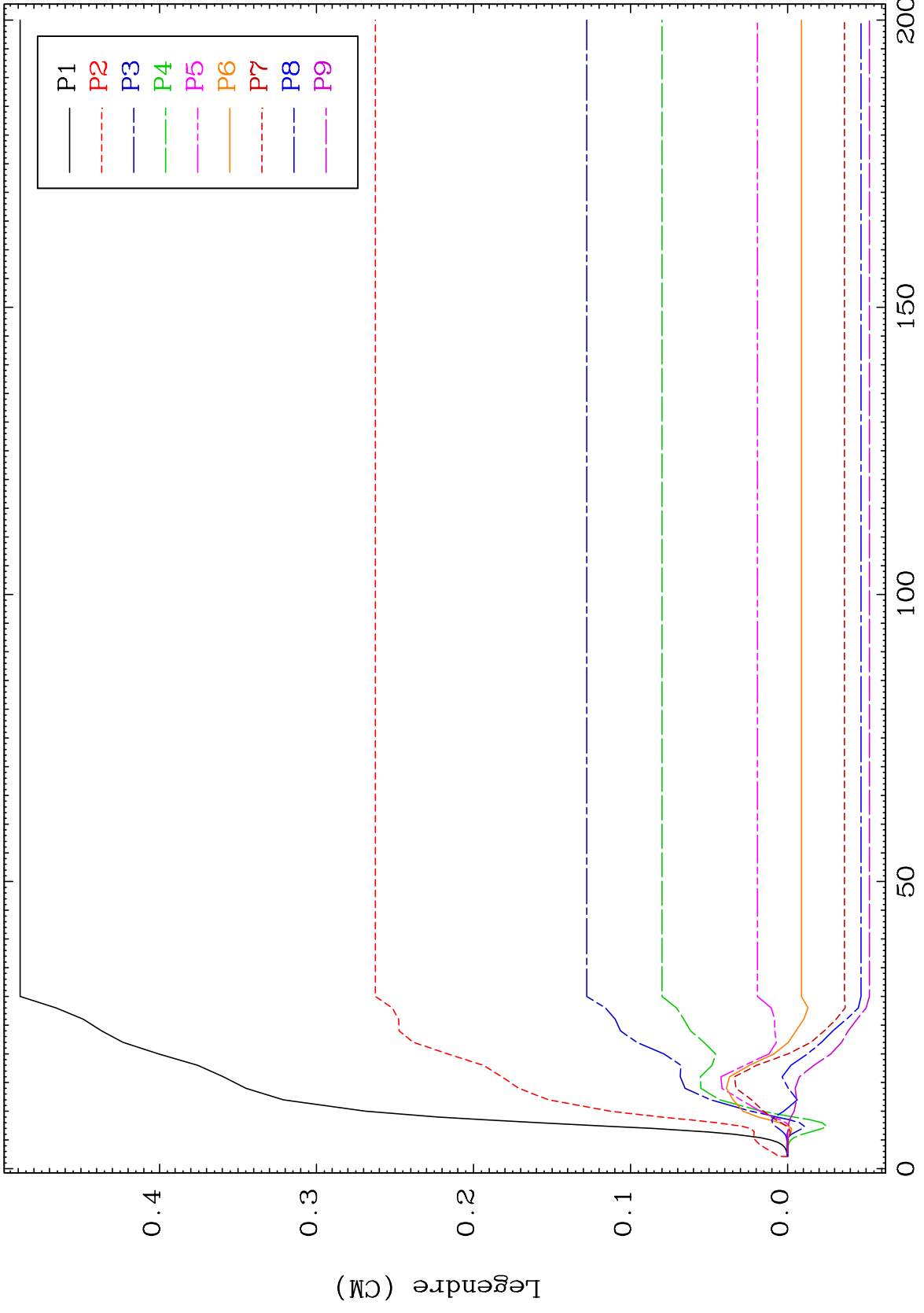
85

49-In-109

MAT 4913

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

49-In-109



86

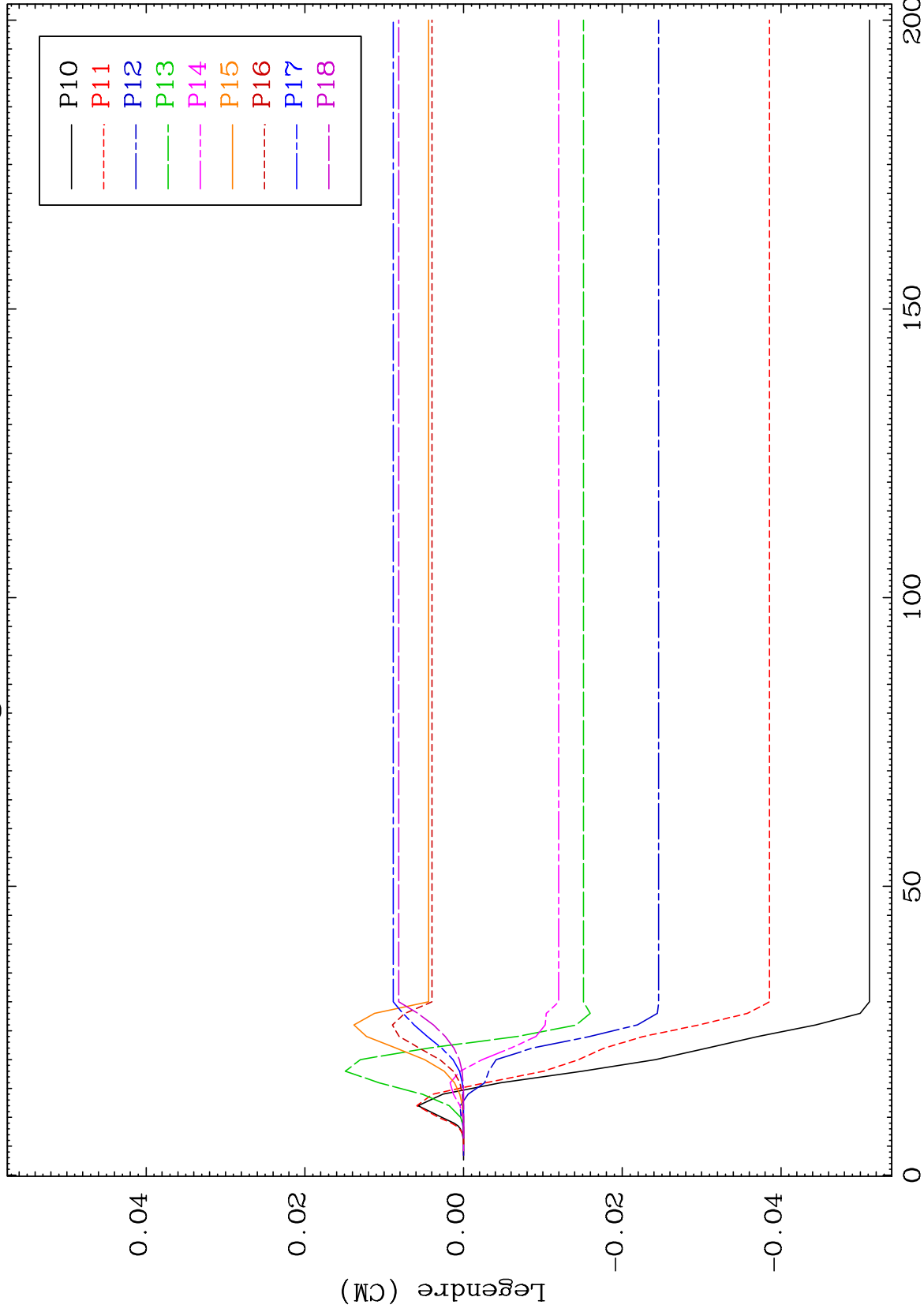
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



87

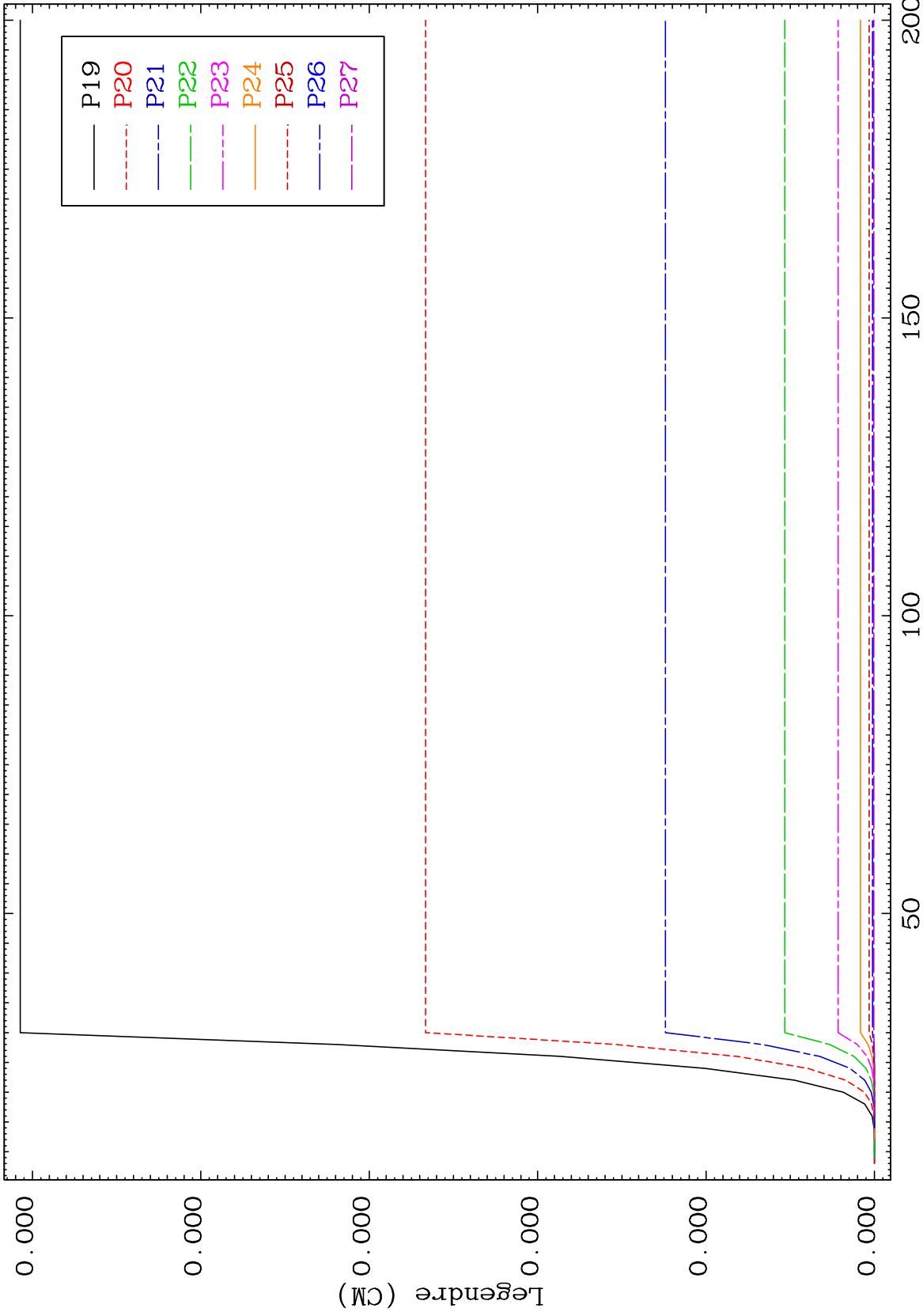
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



88

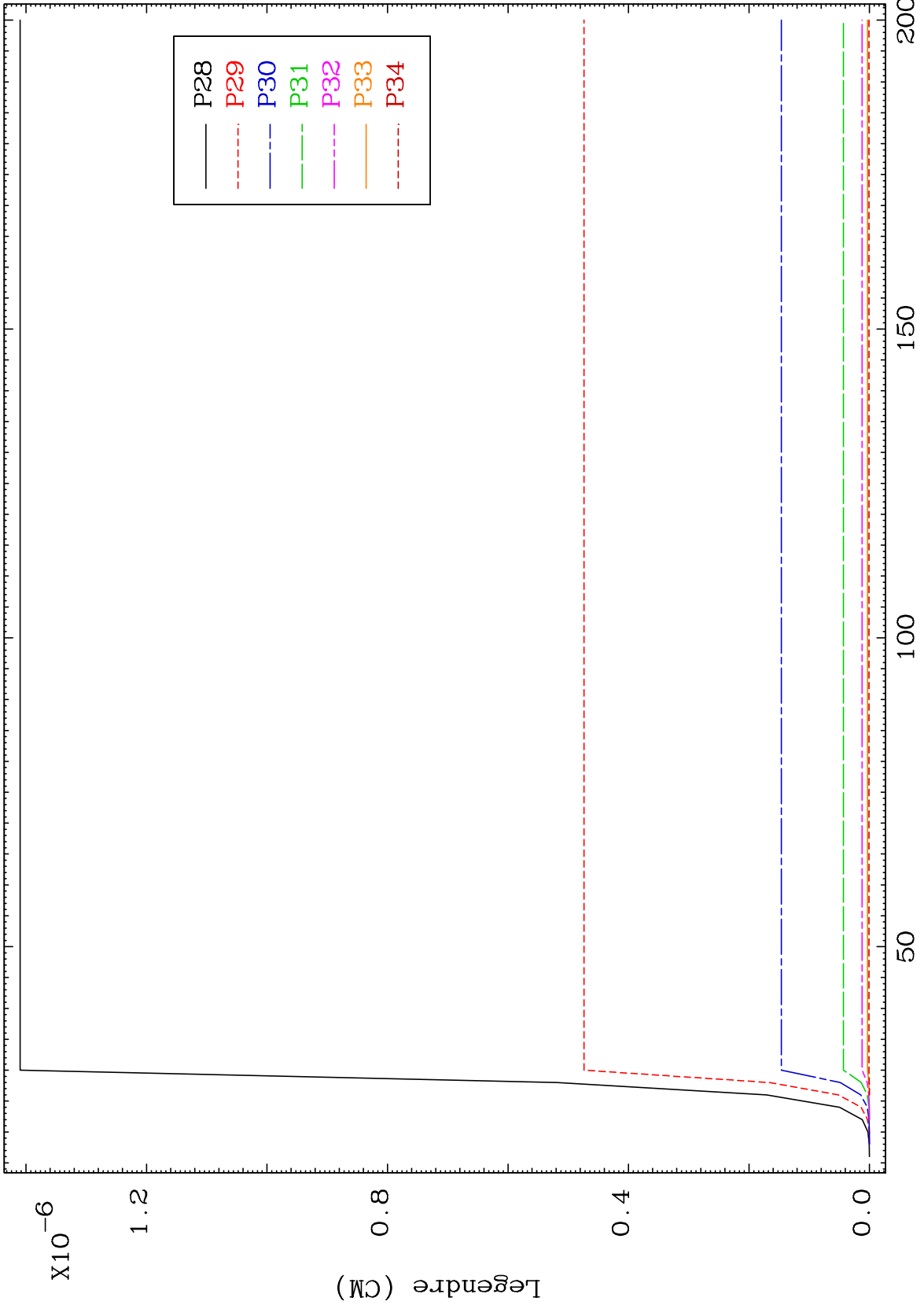
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



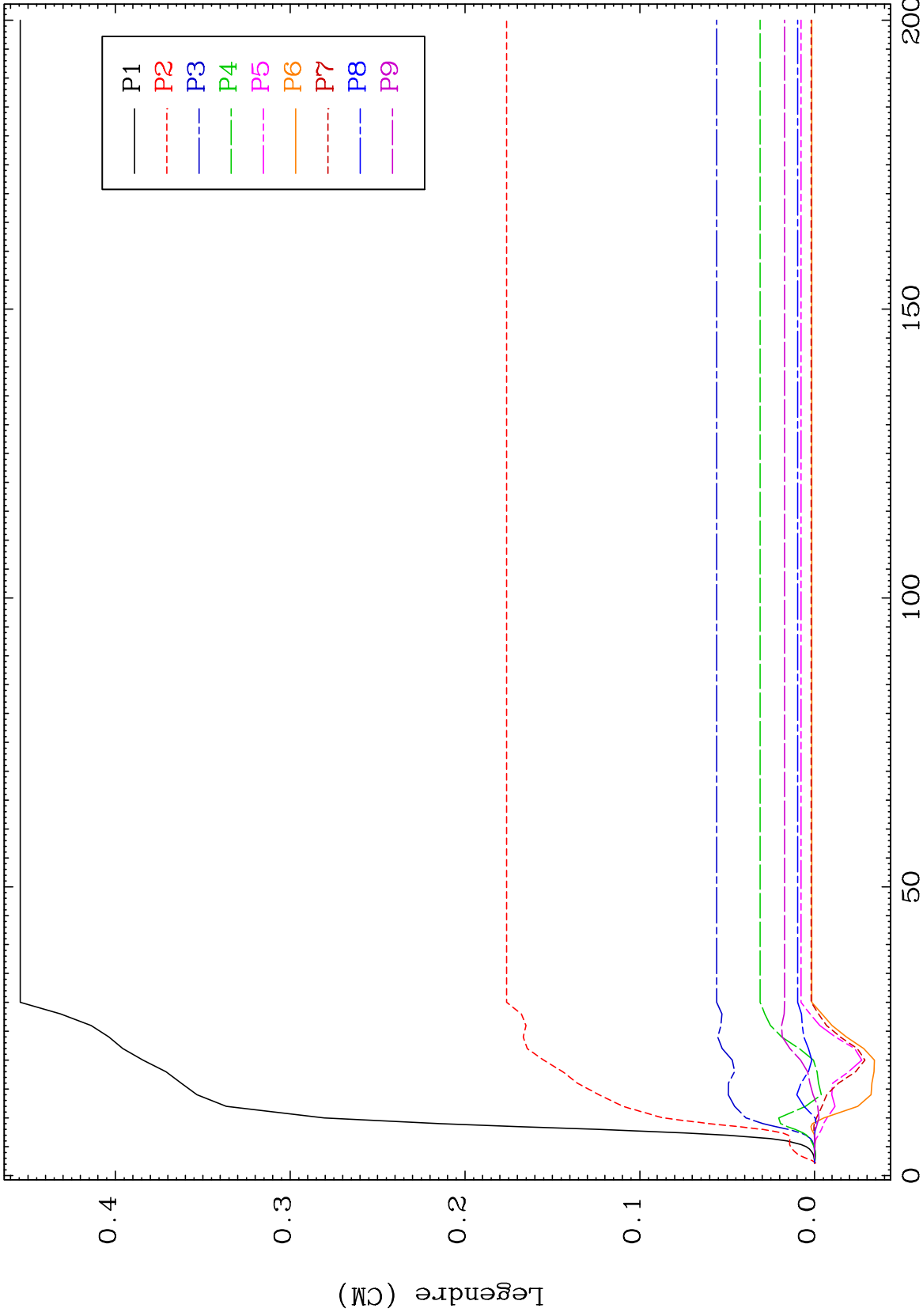
89

49-In-109

MAT 4913

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

49-In-109



90

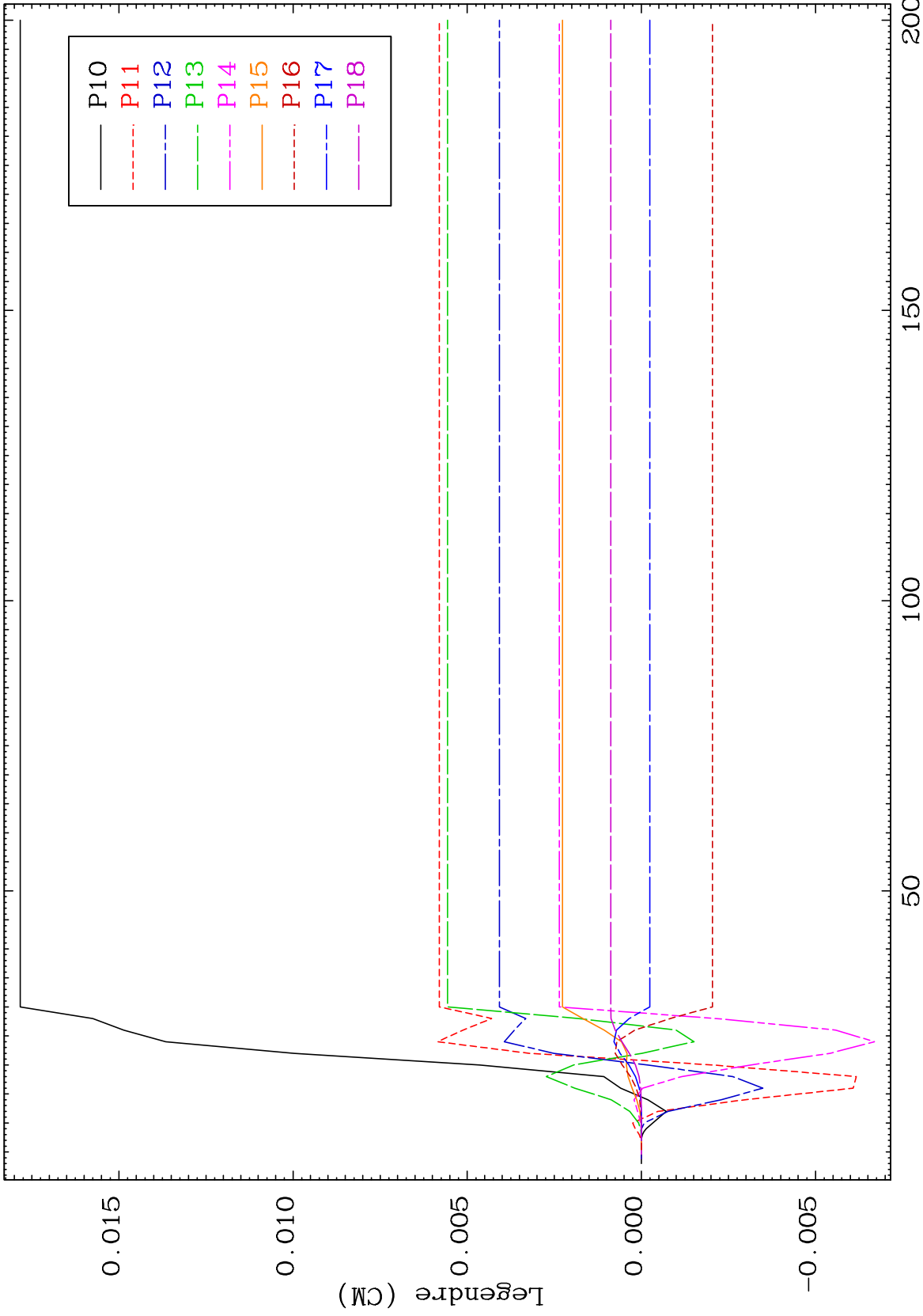
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



91

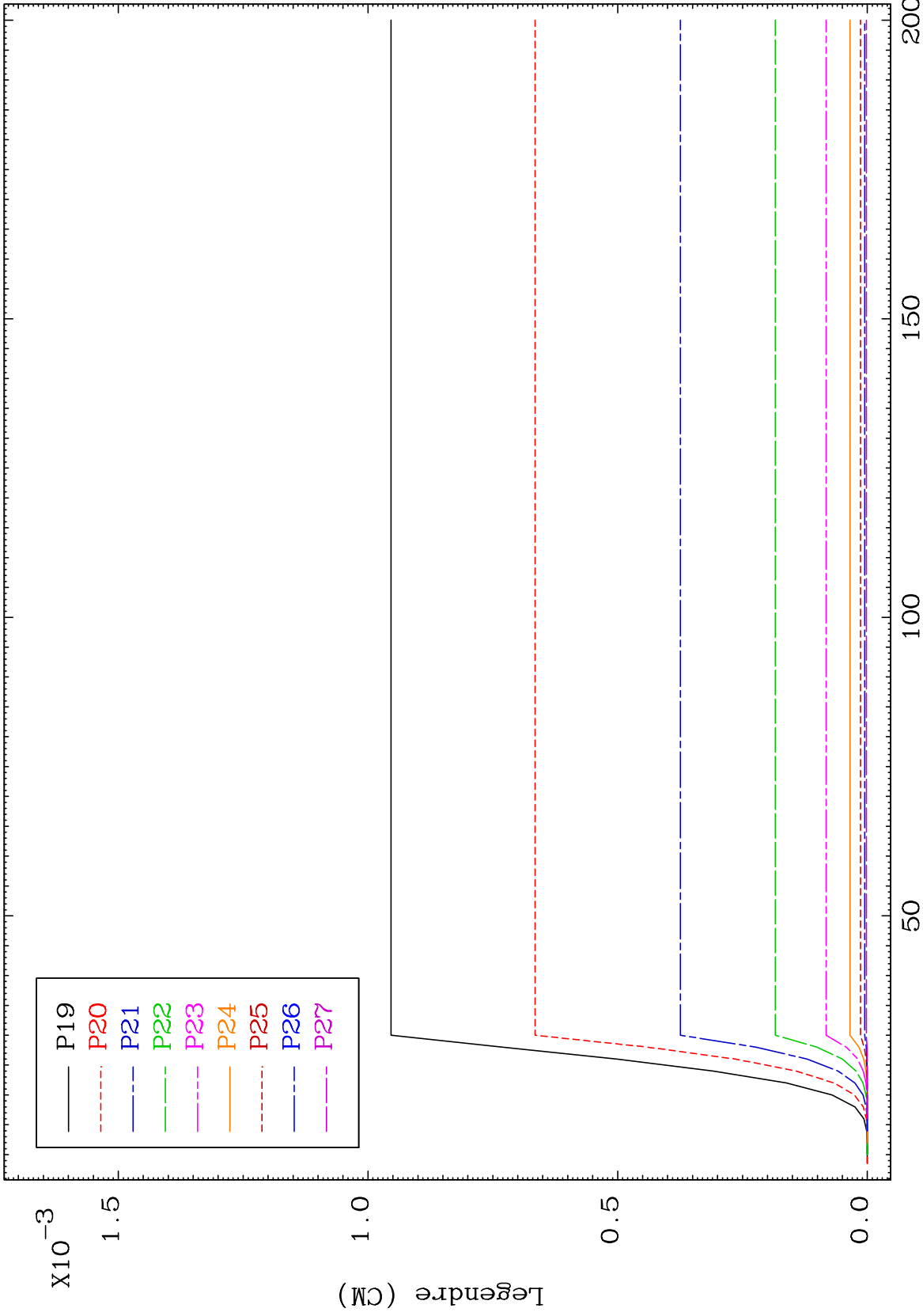
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



92

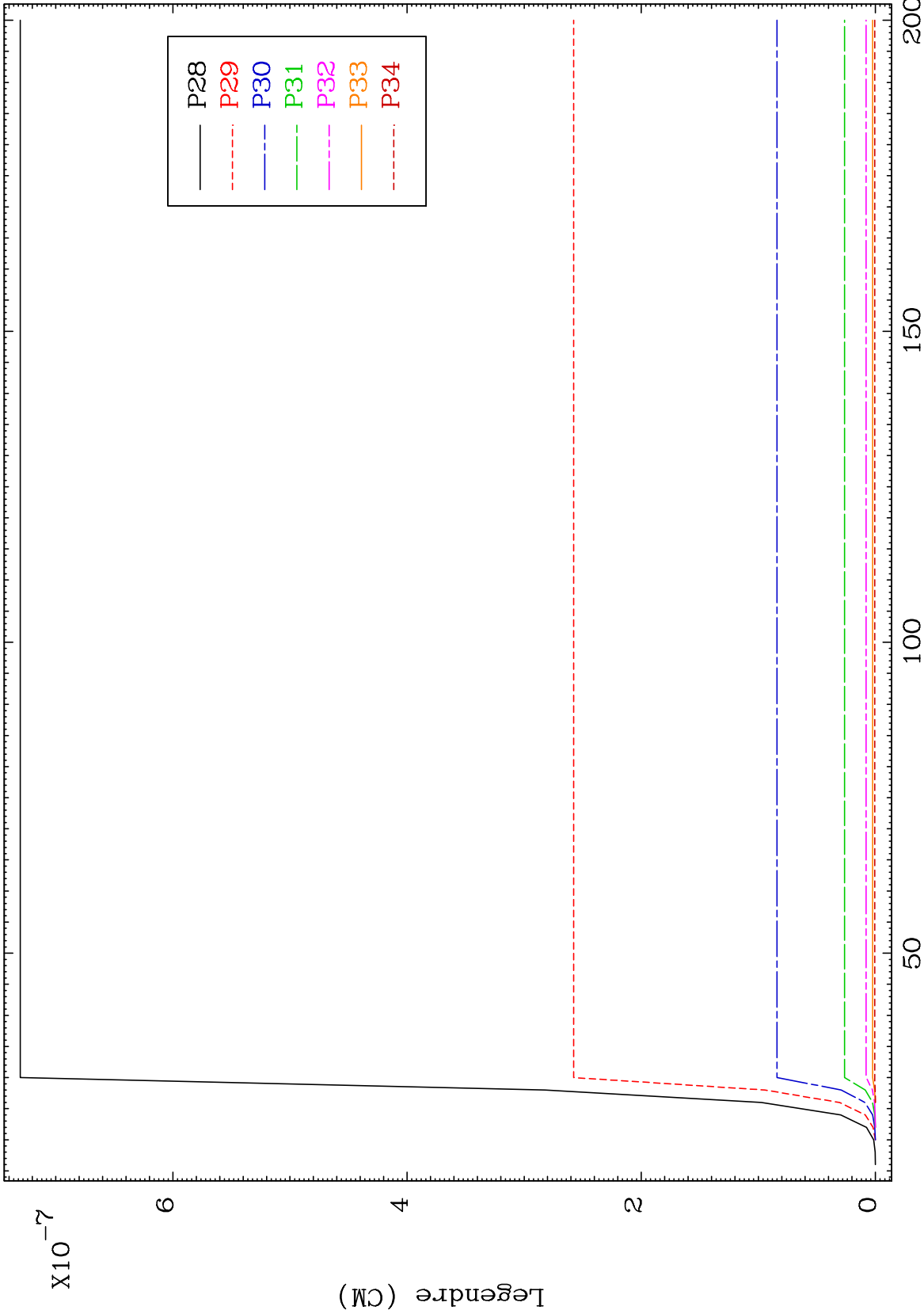
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



93

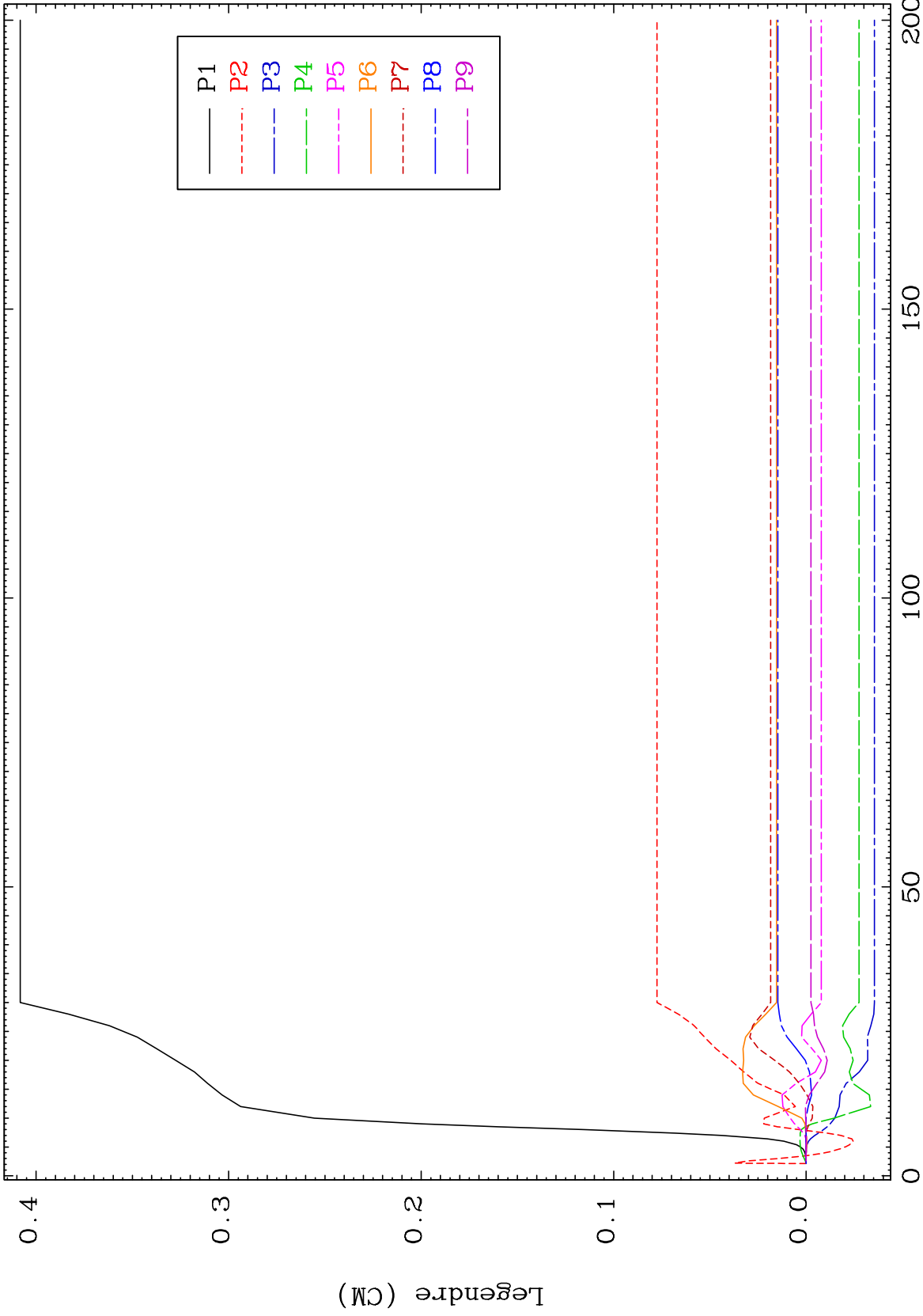
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



94

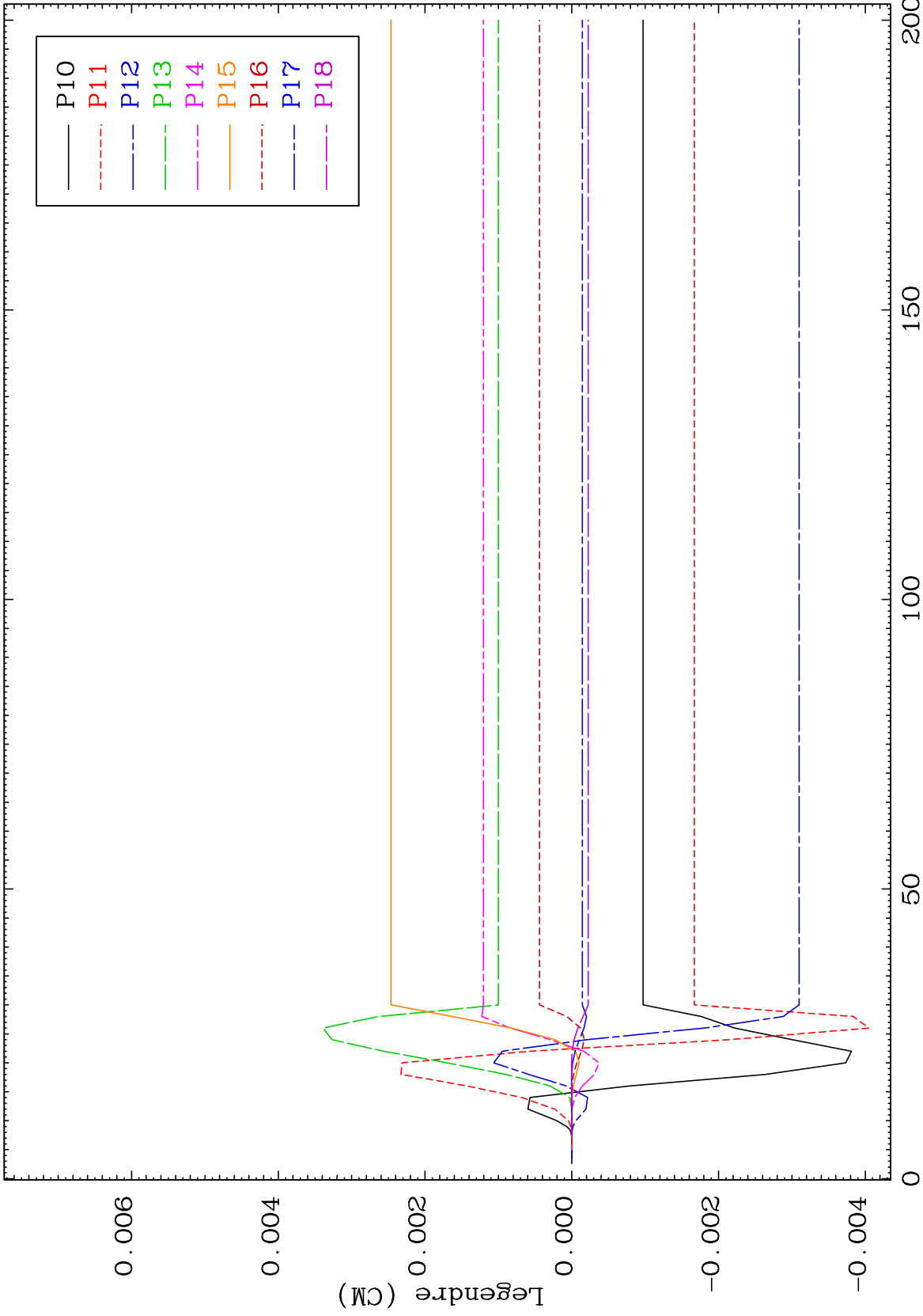
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



95

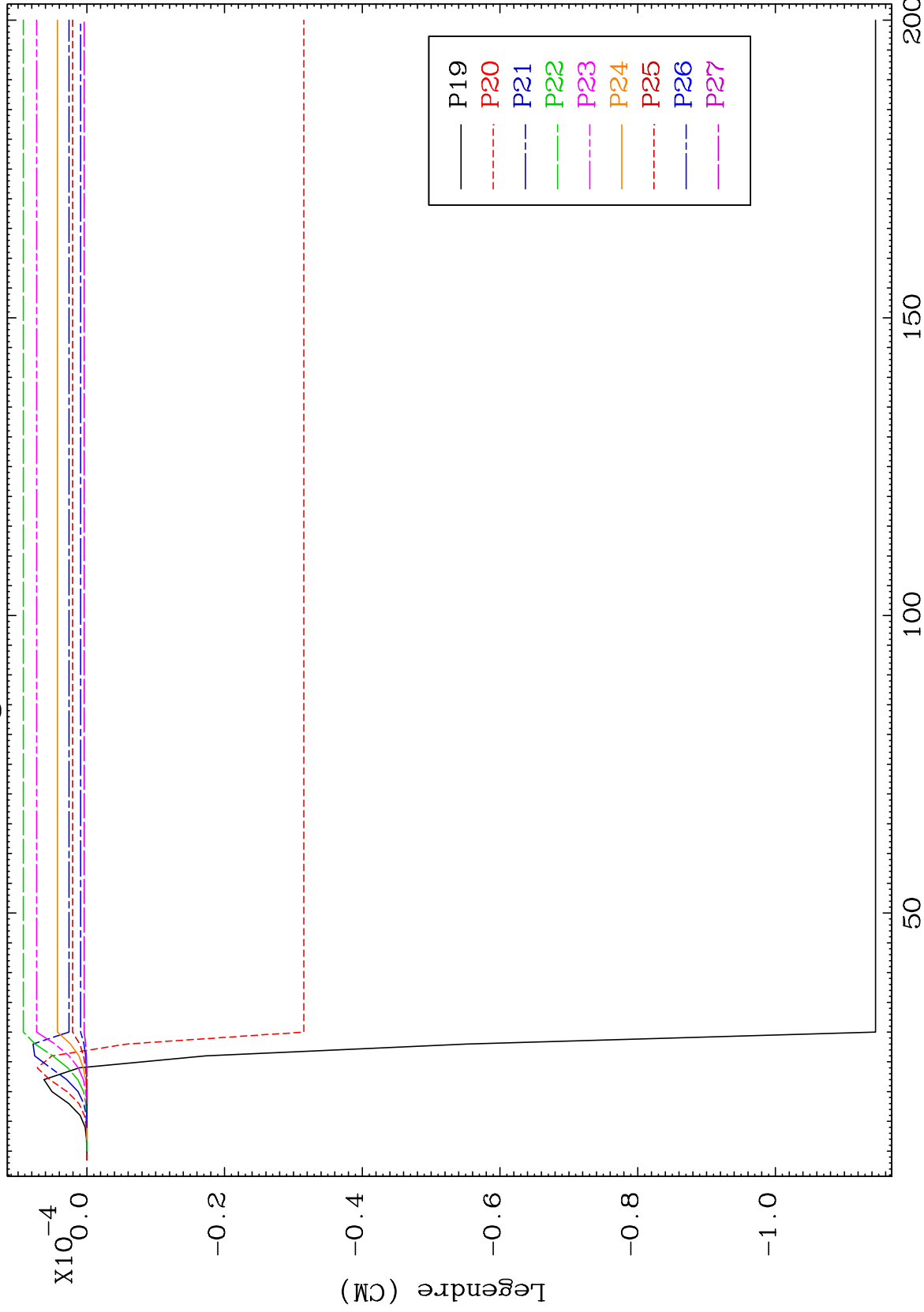
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



96

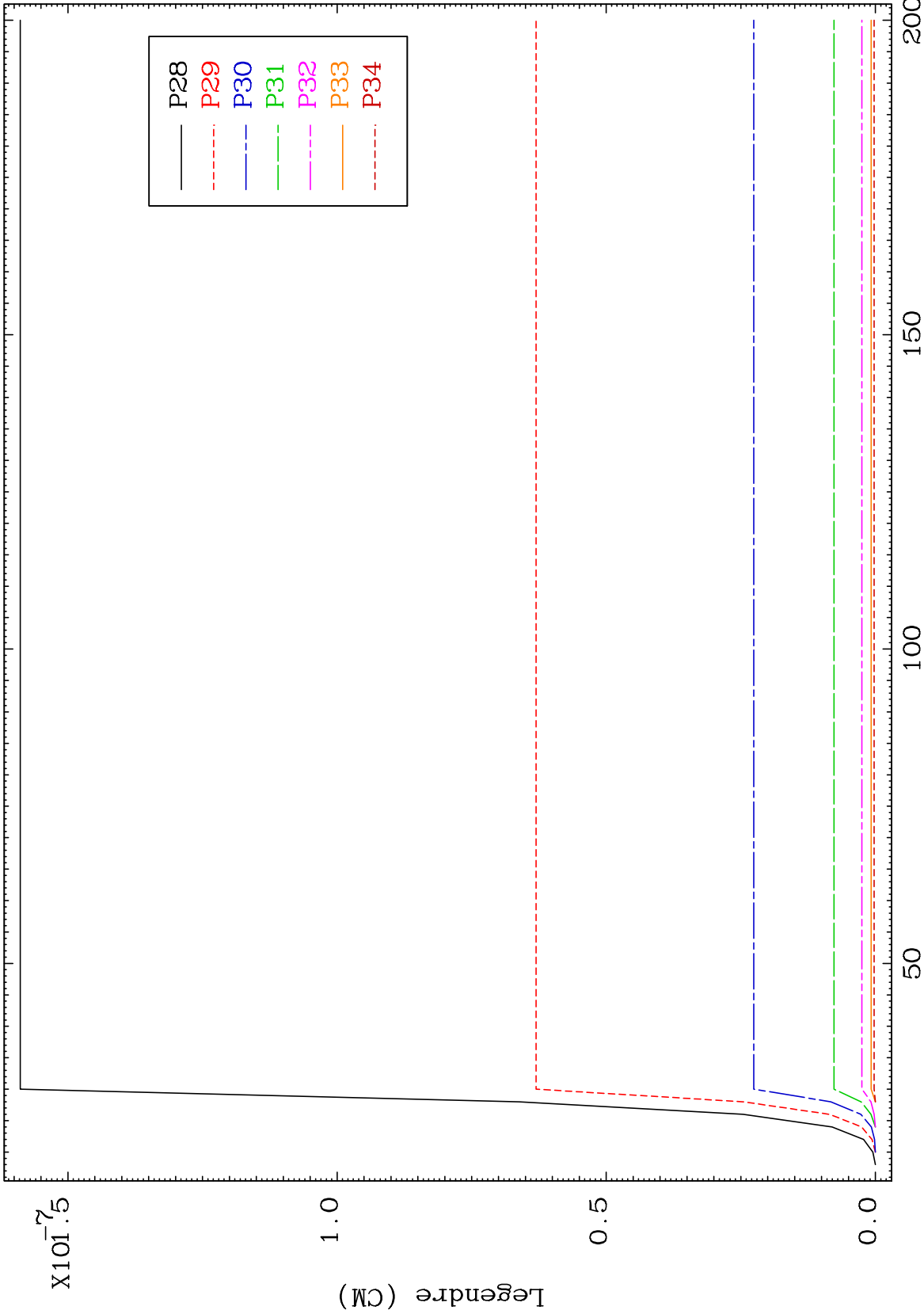
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



97

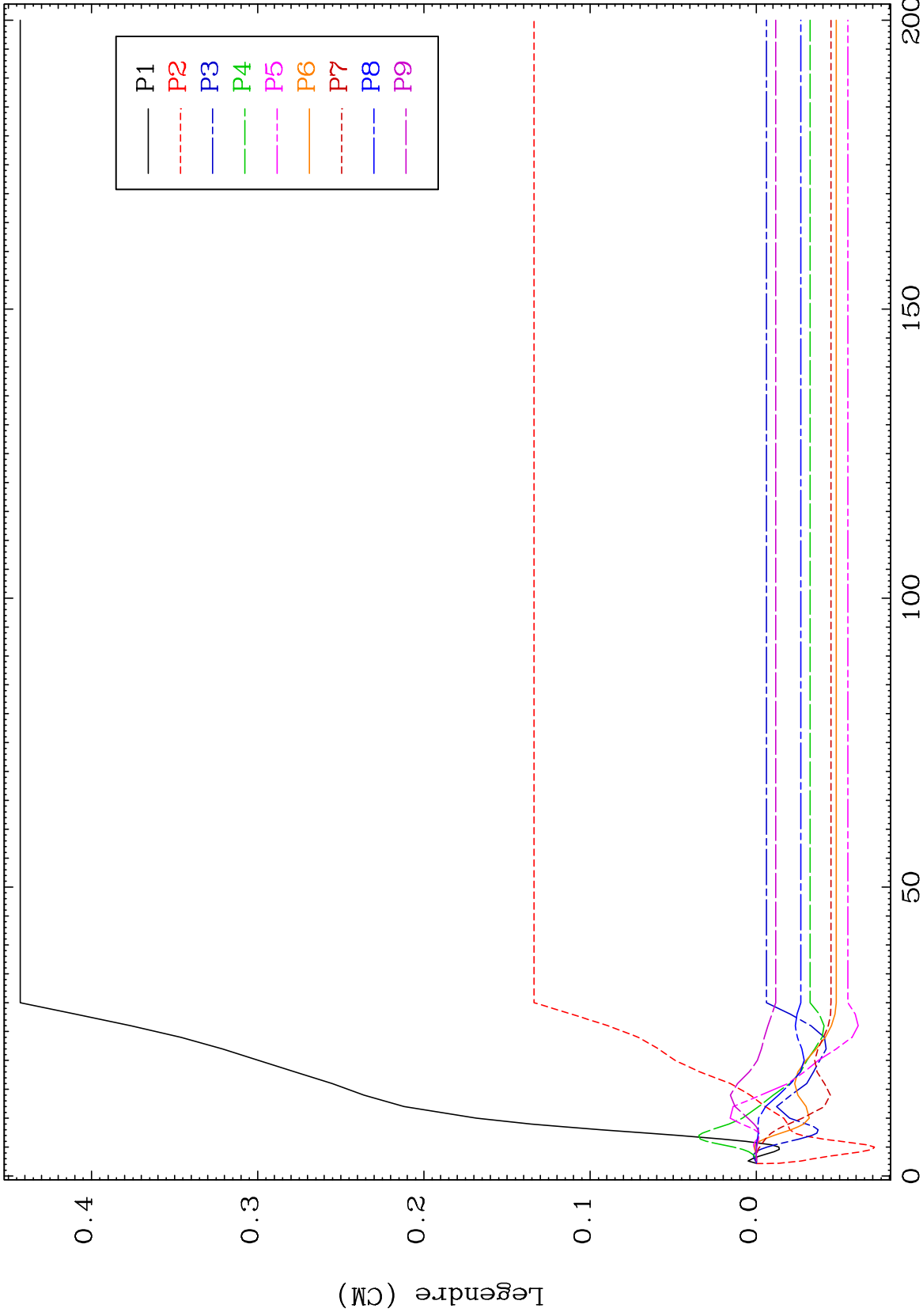
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



98

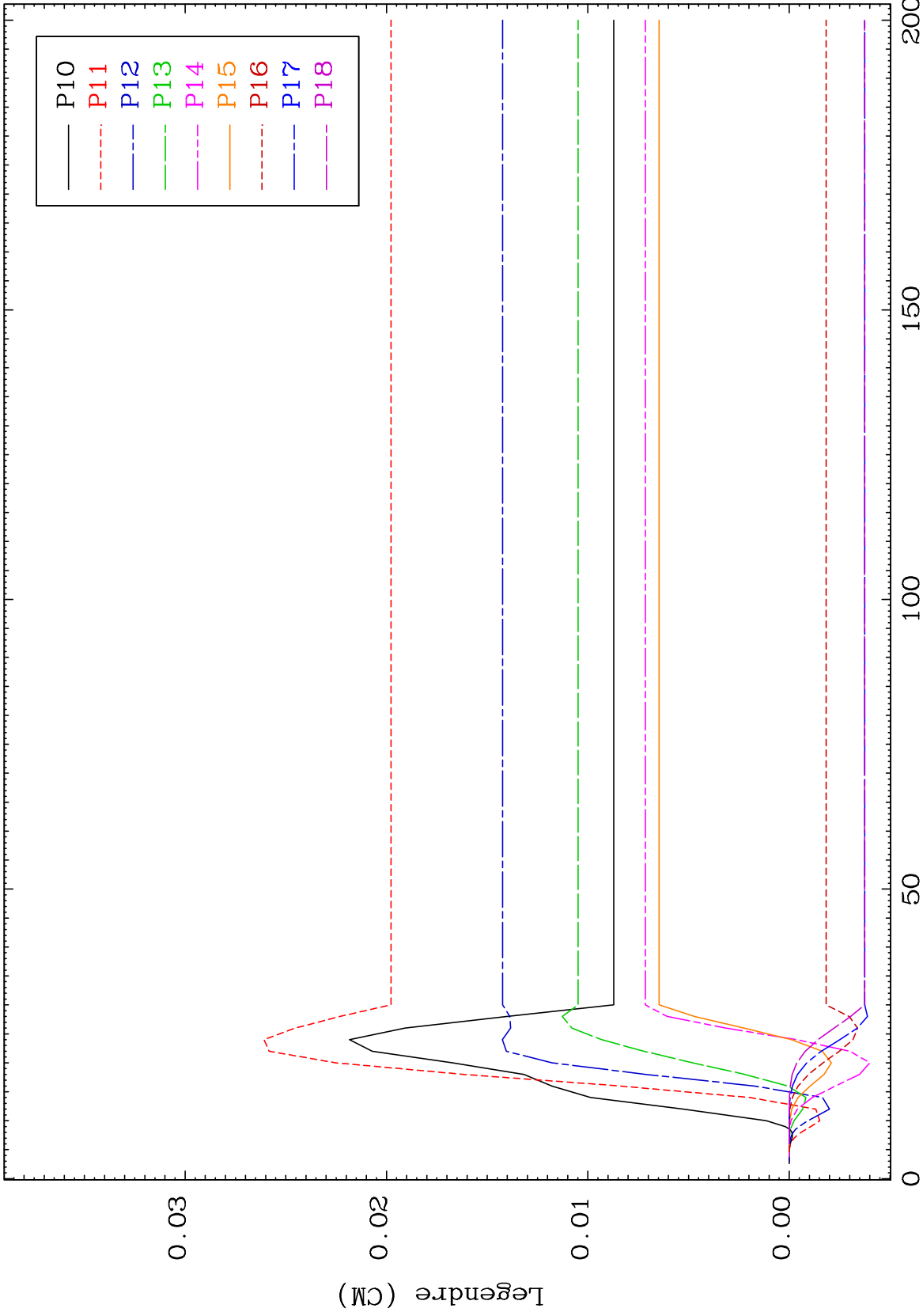
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



99

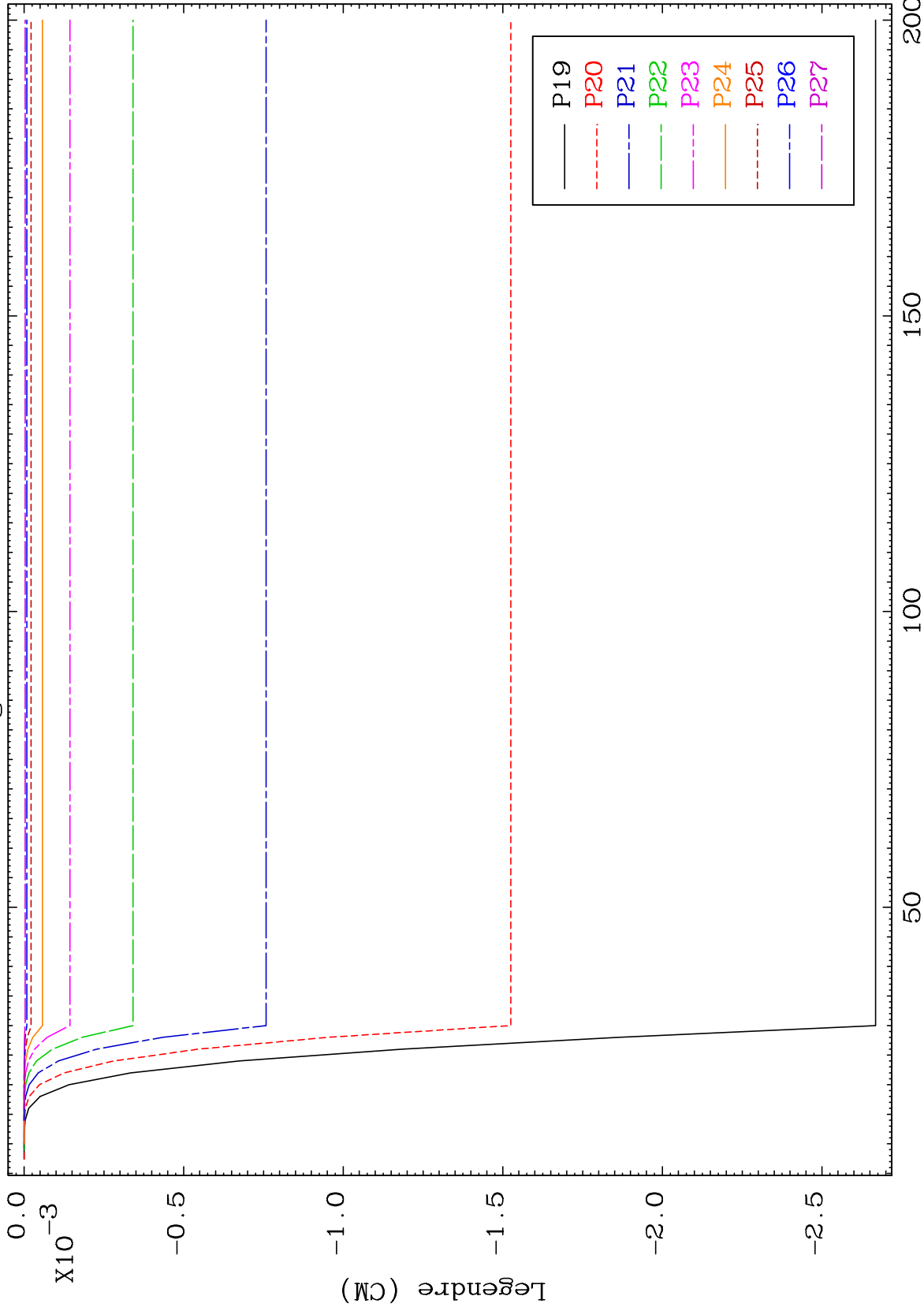
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



49-In-109

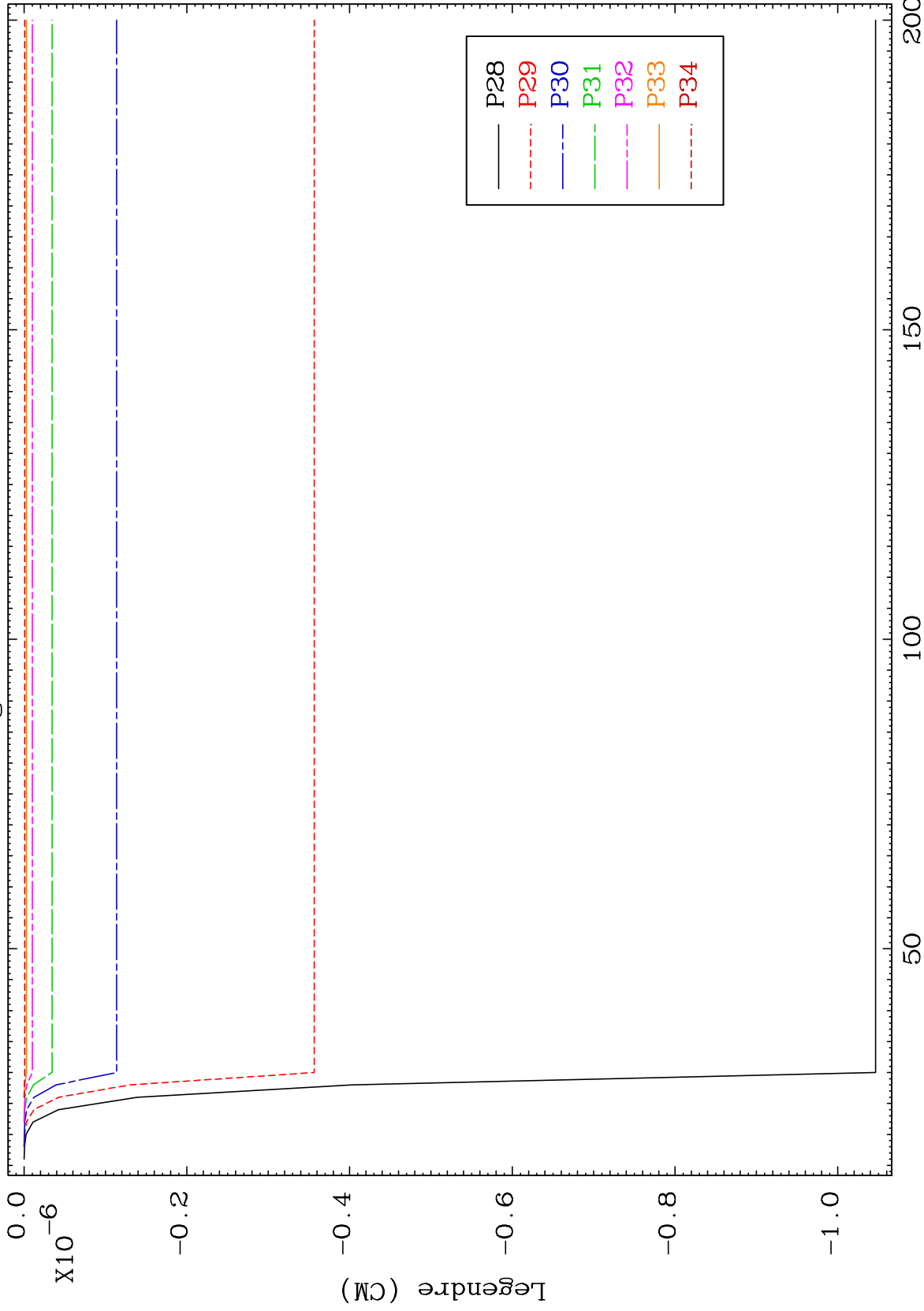
Incident Energy (MeV)

100

MAT 4913

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

49-In-109



49-In-109

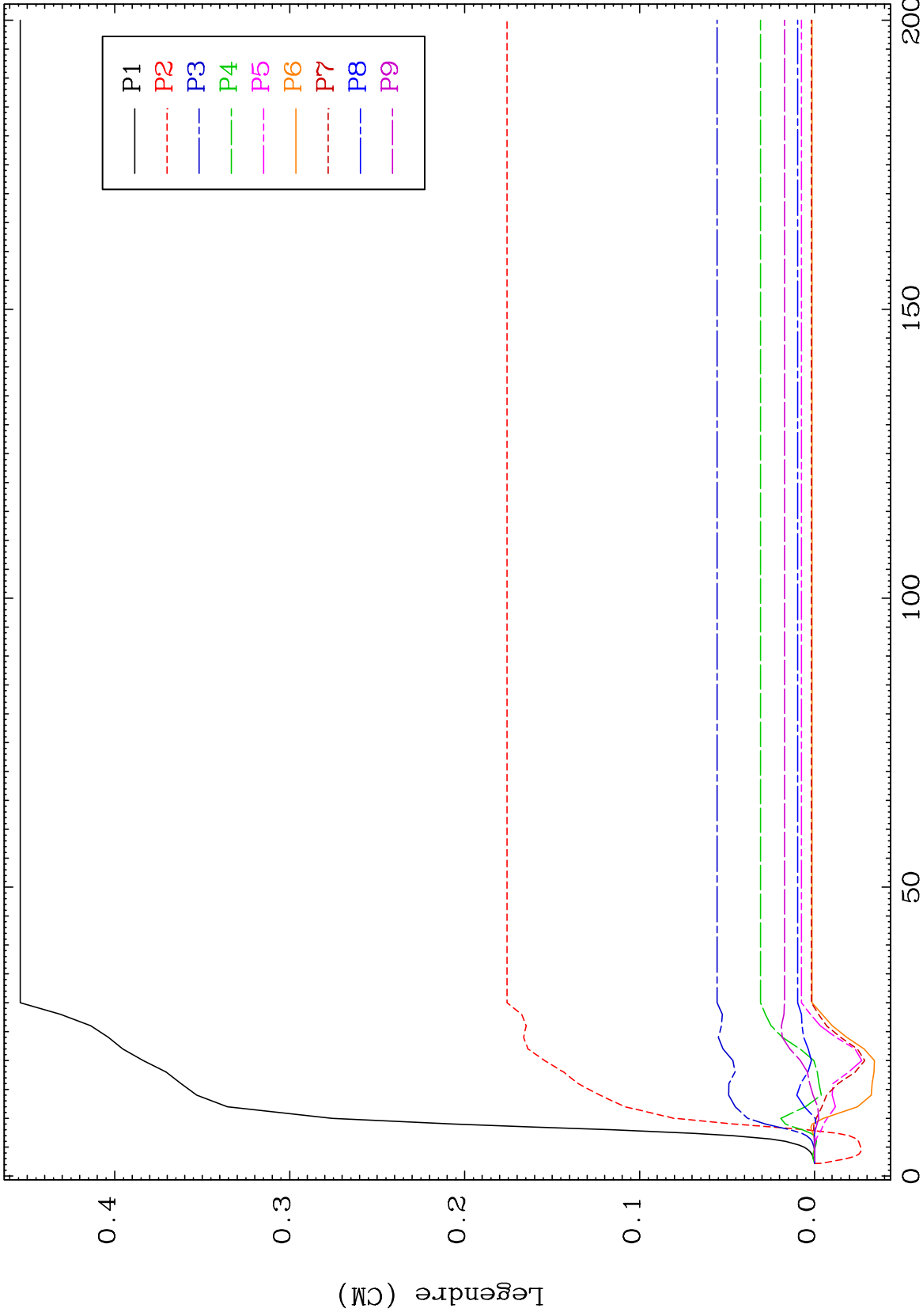
Incident Energy (MeV)

101

MAT 4913

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

49-In-109



102

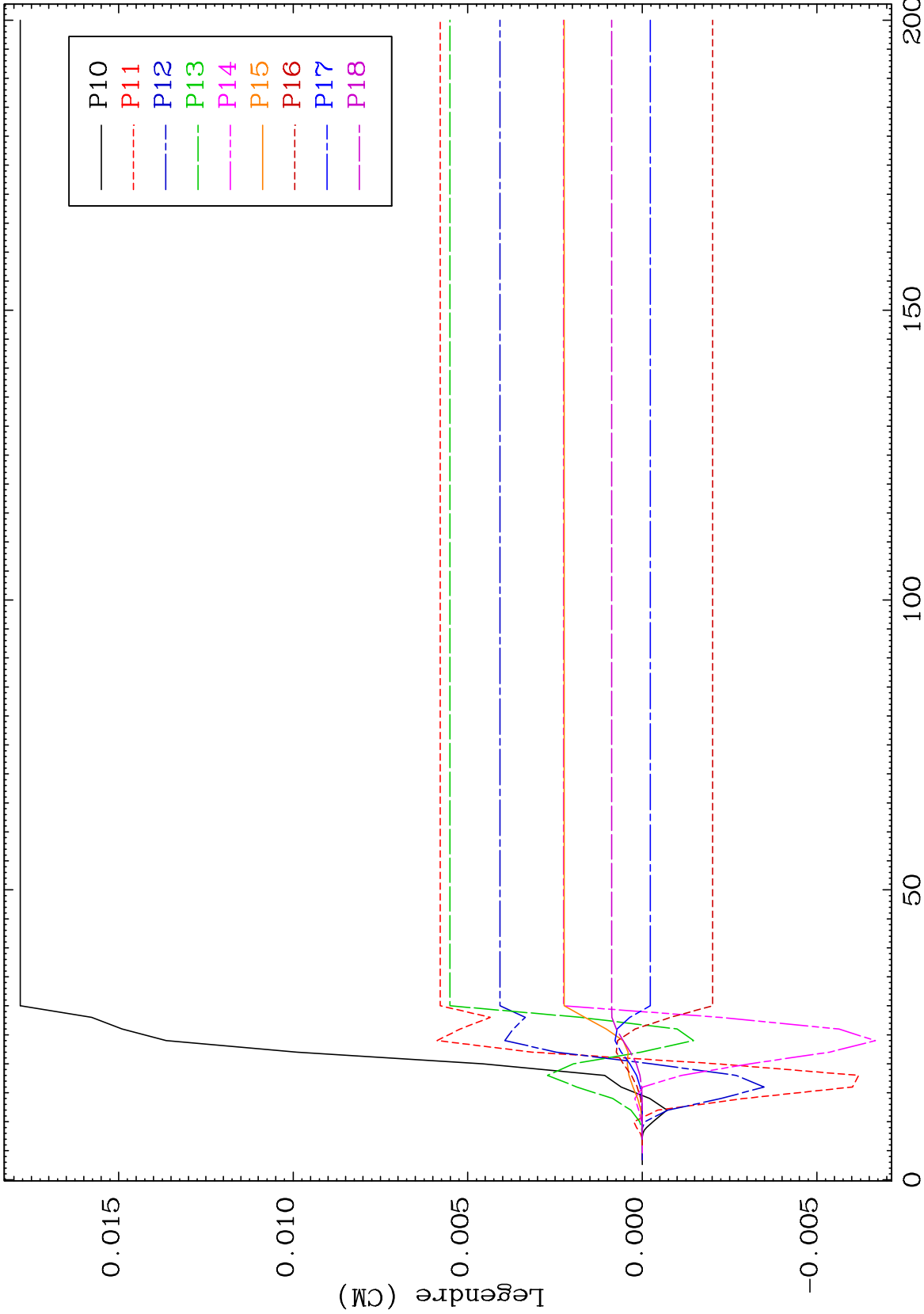
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



103

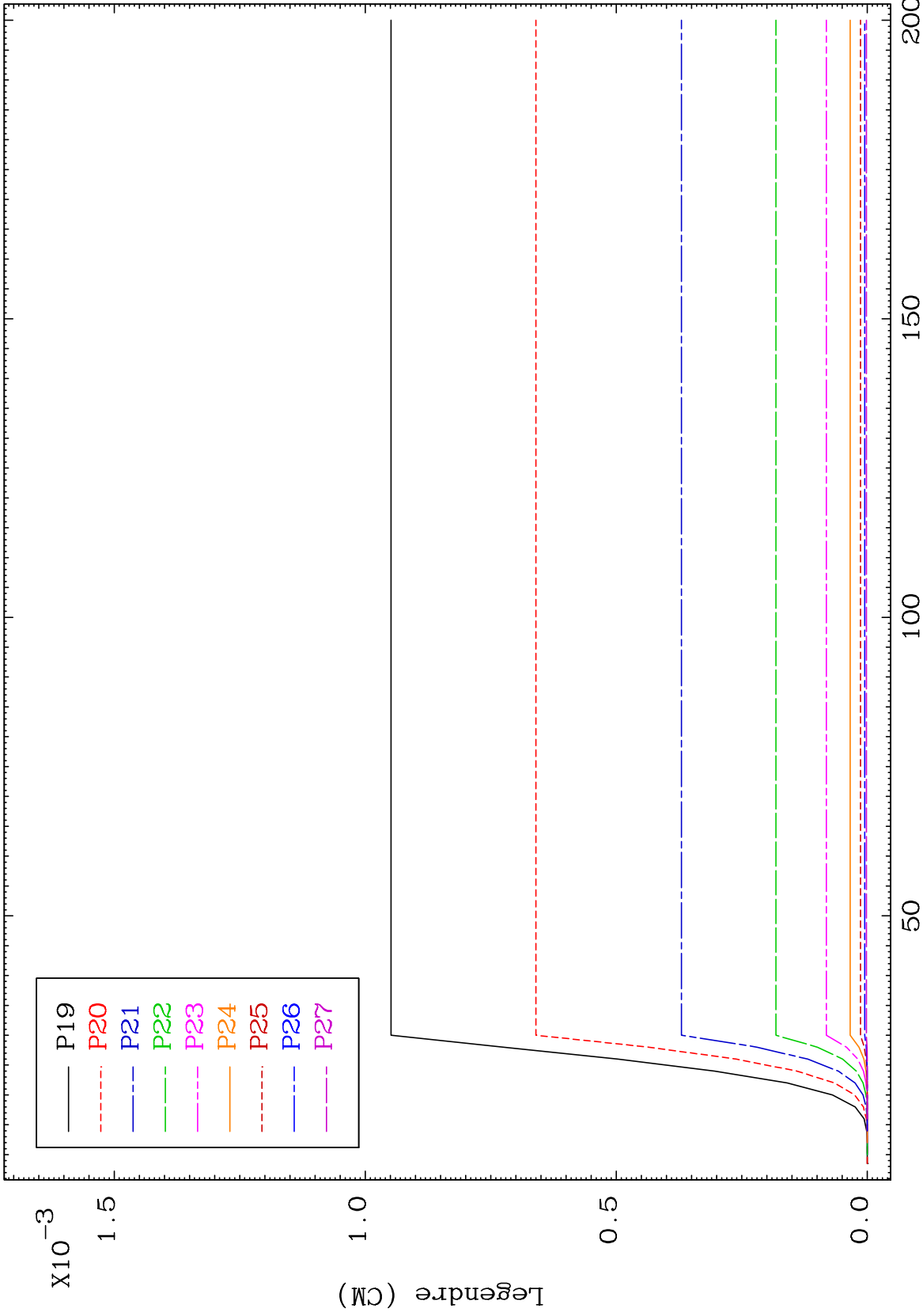
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



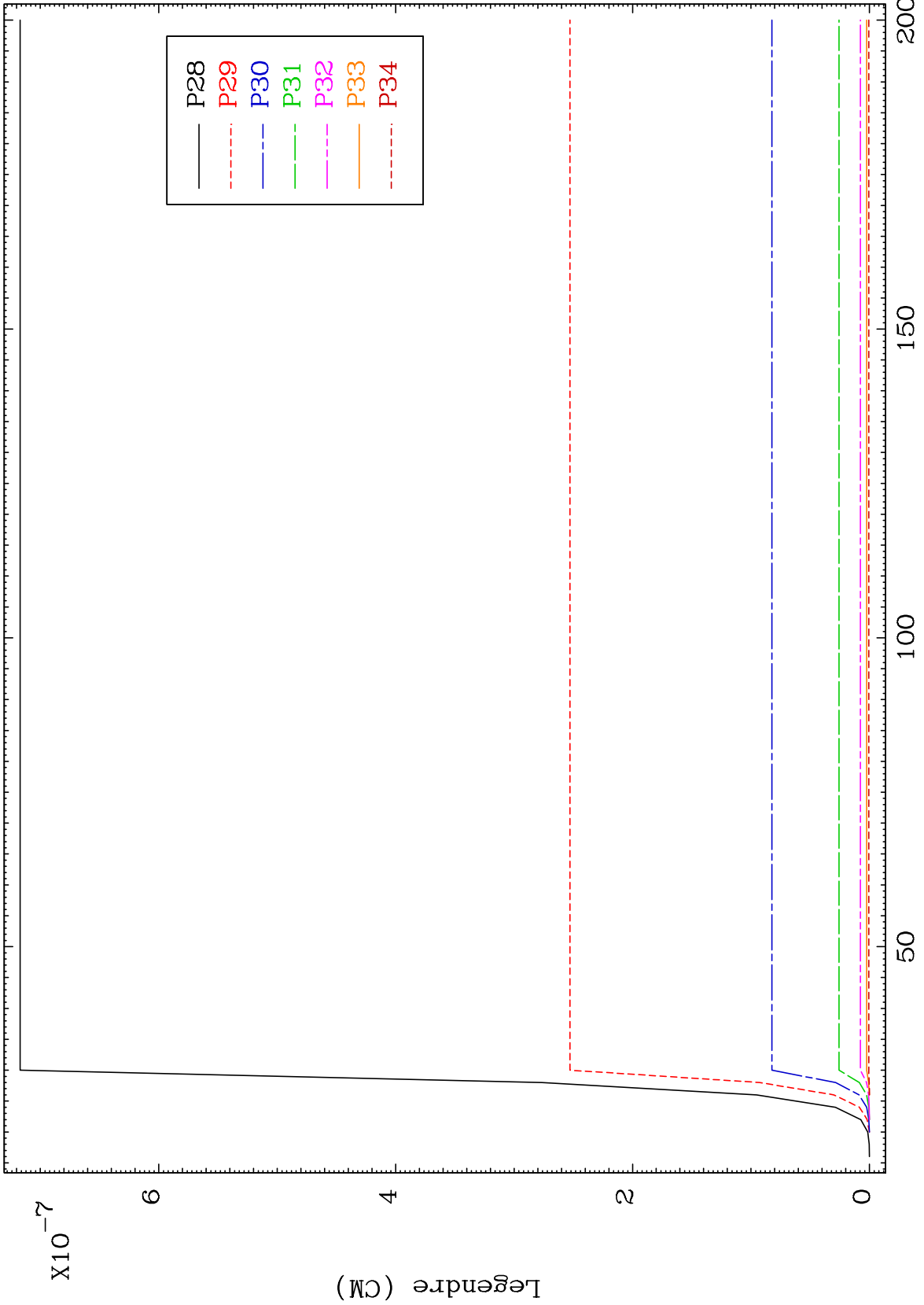
104

49-In-109

MAT 4913

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

49-In-109



105

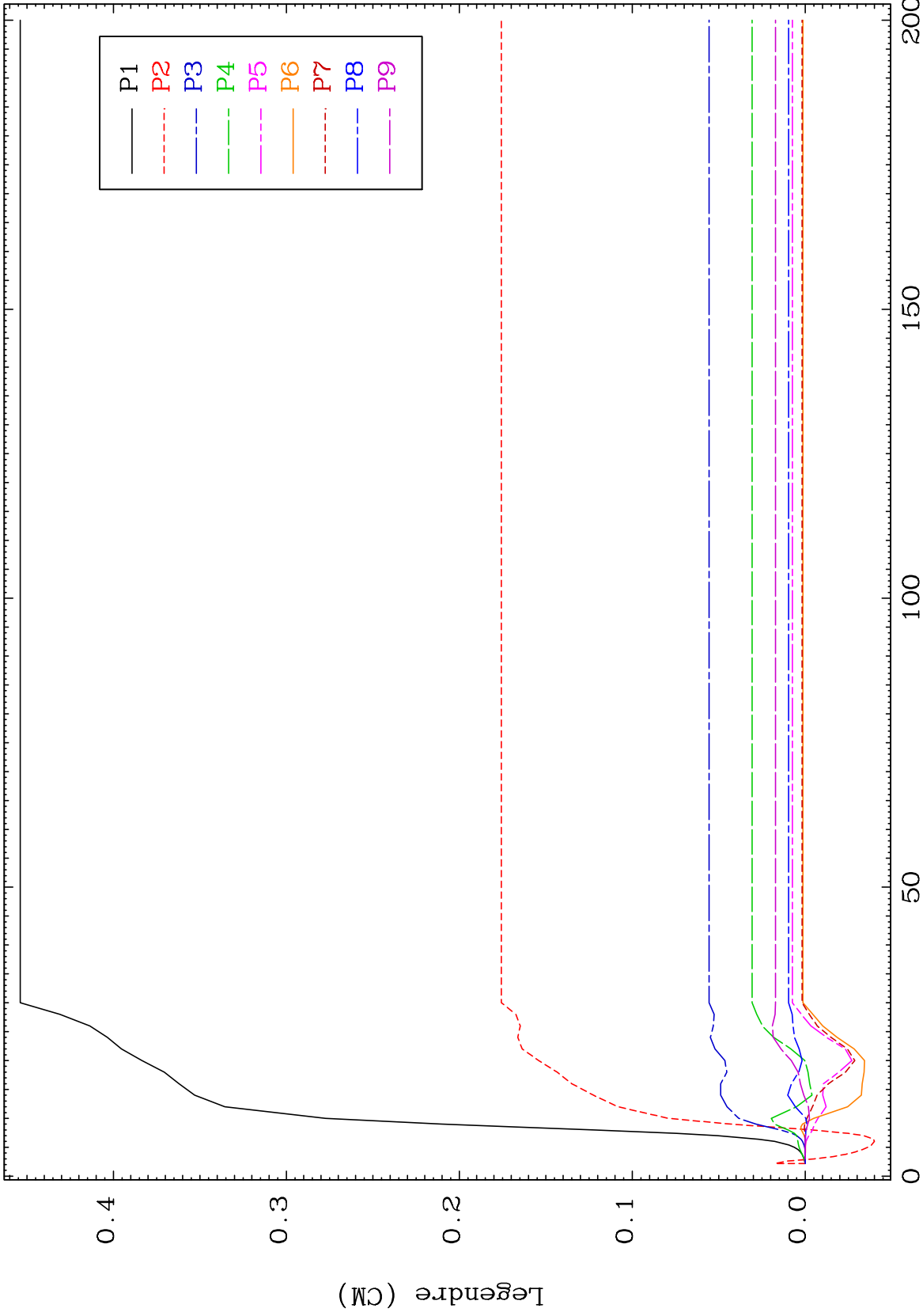
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



106

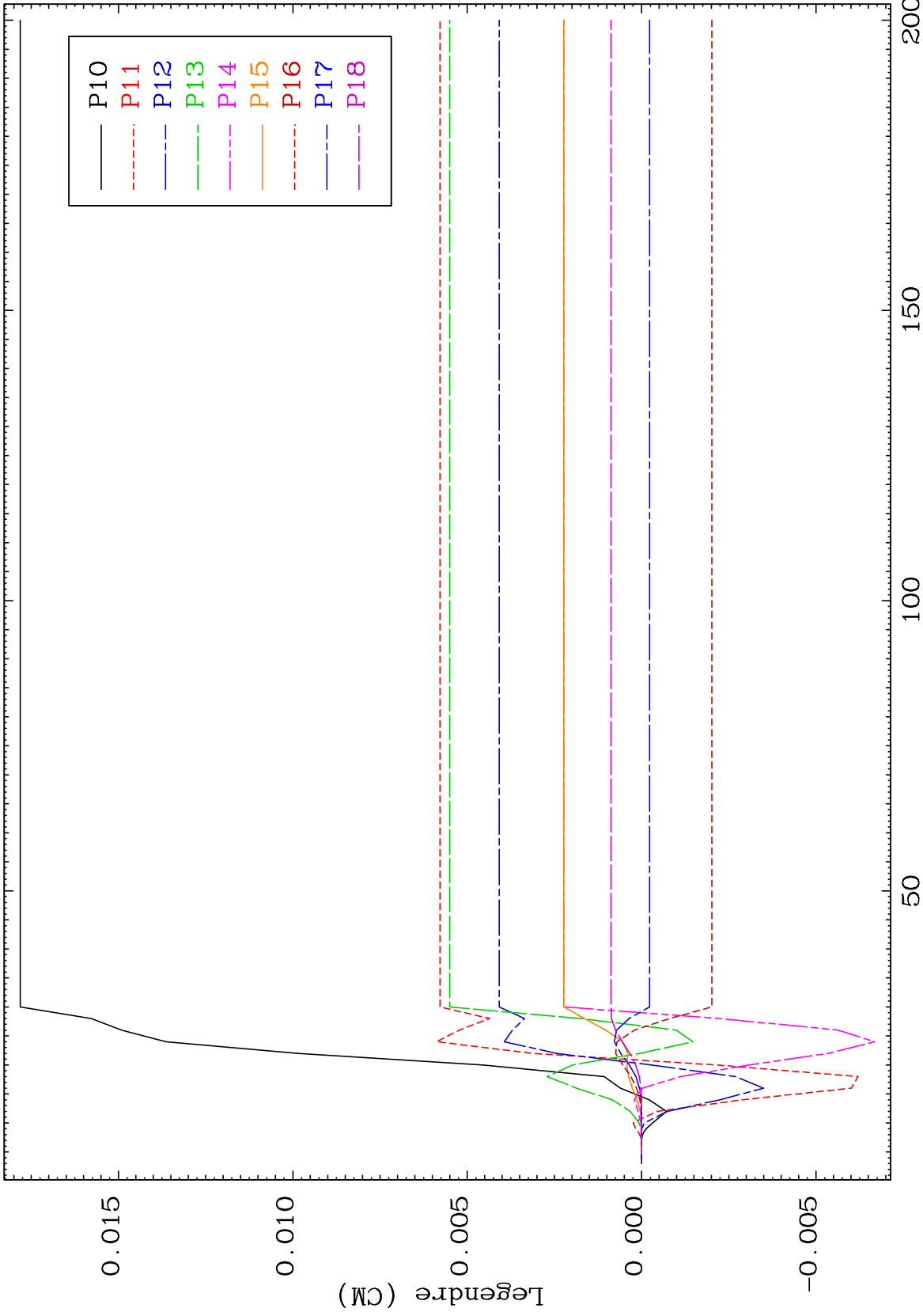
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



107

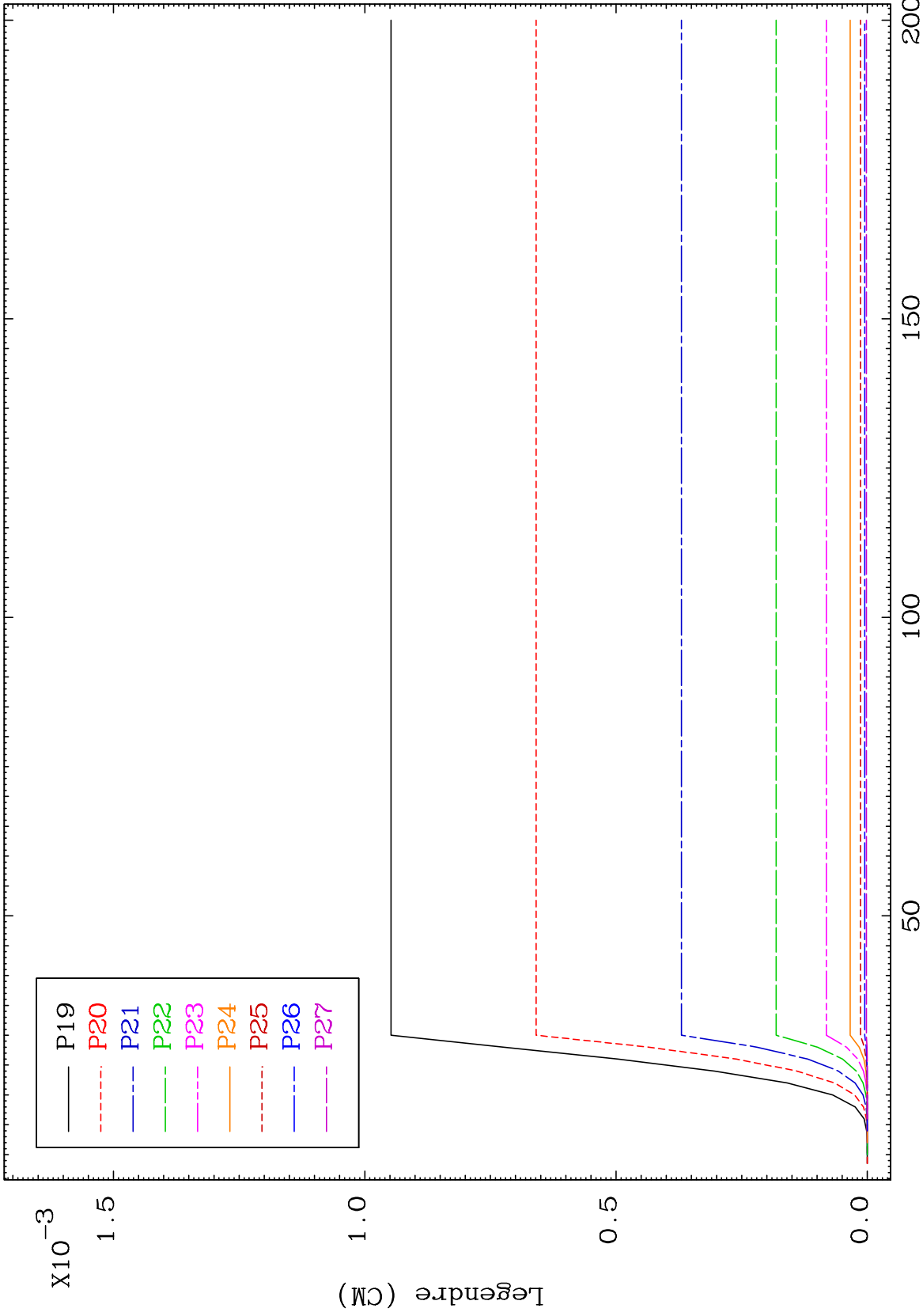
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



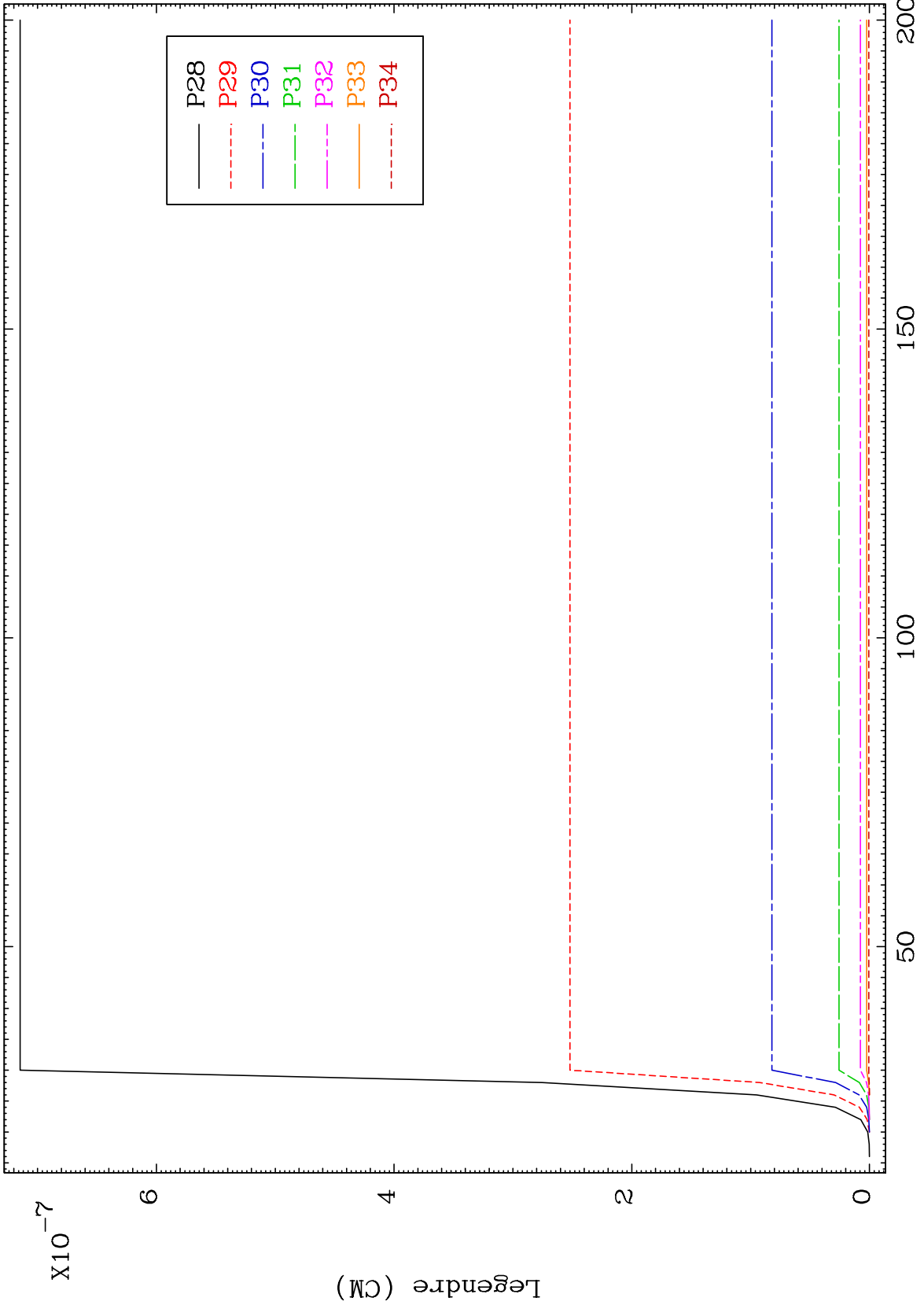
108

49-In-109

MAT 4913

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

49-In-109



109

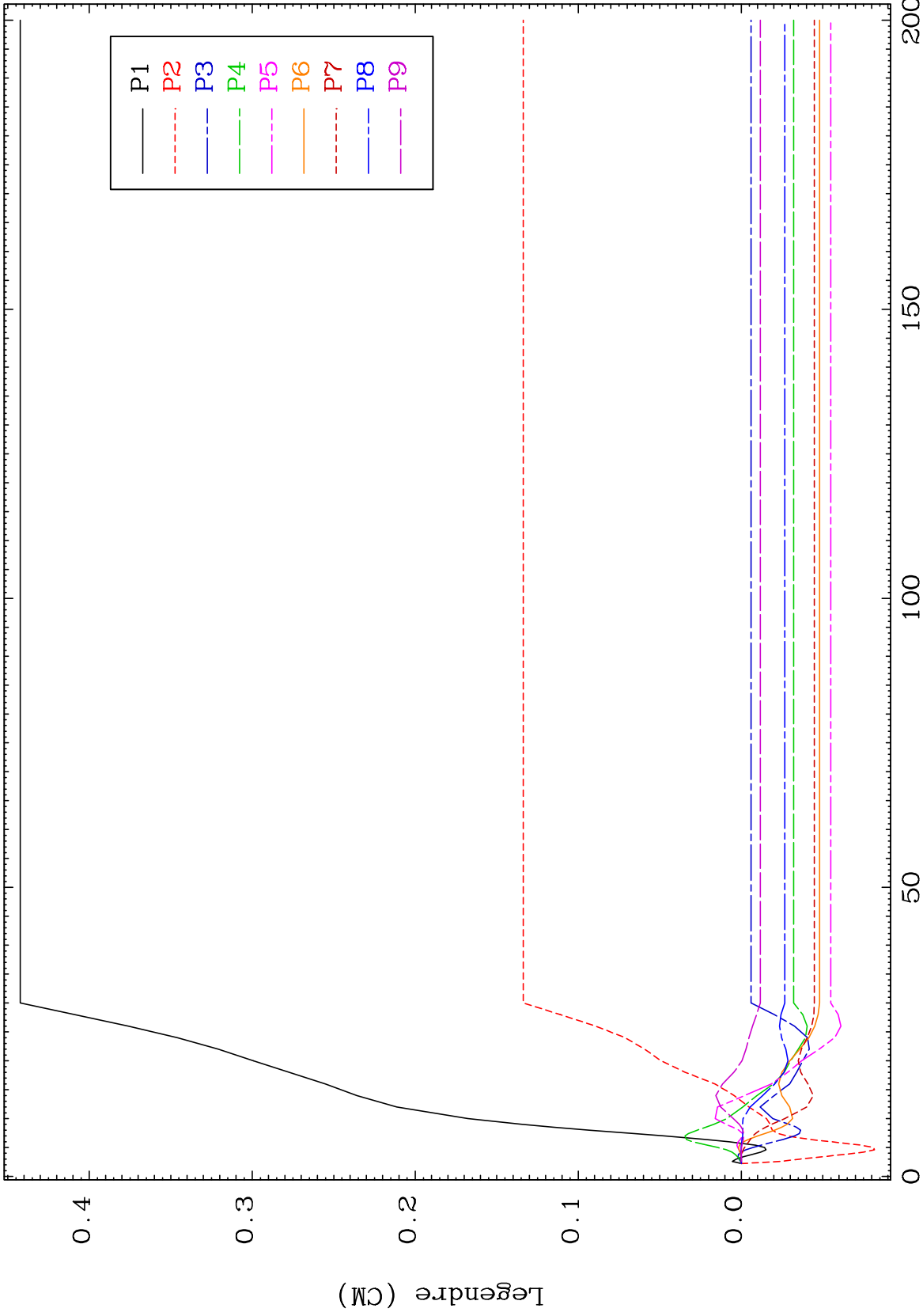
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



49-In-109

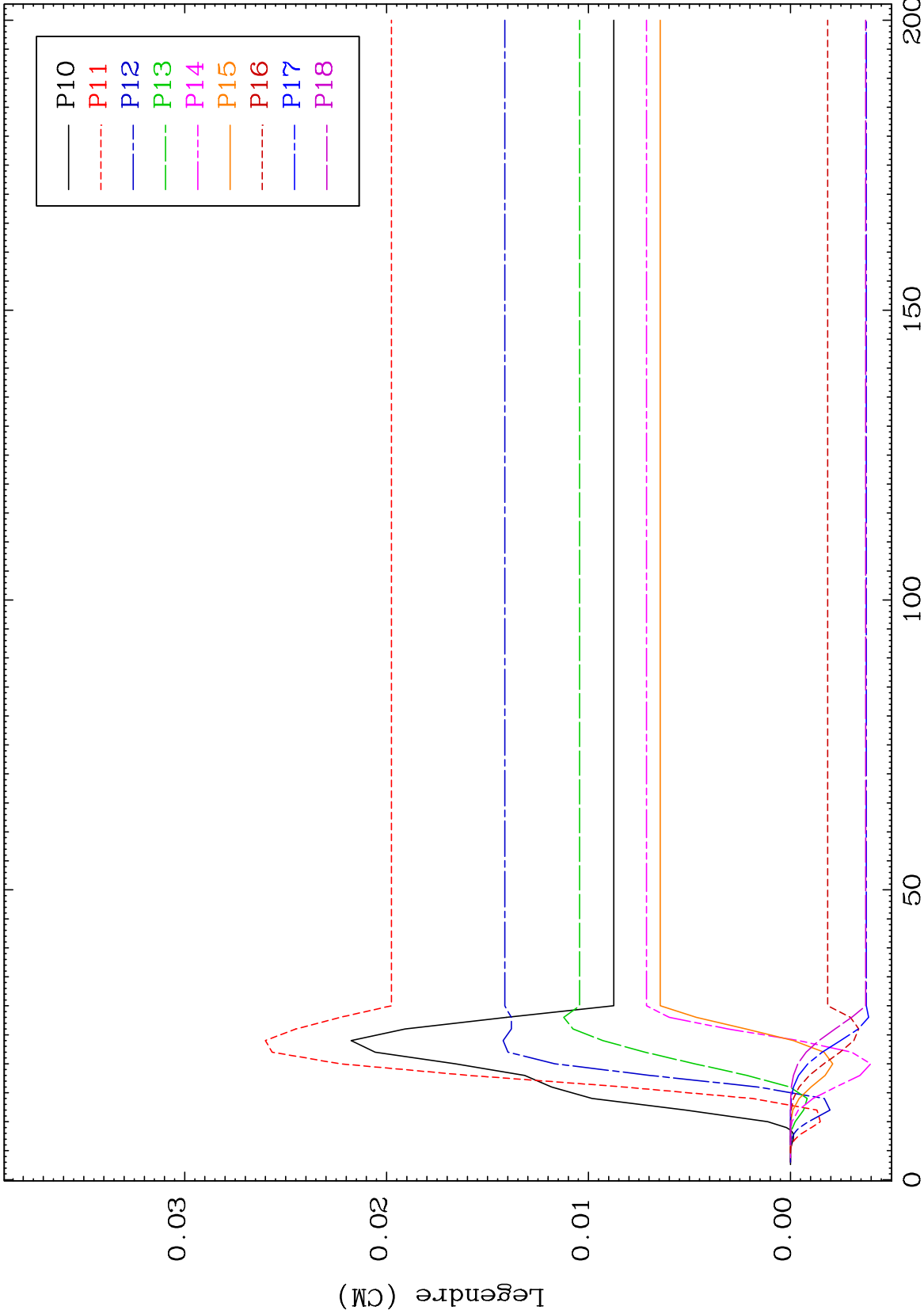
Incident Energy (MeV)

110

MAT 4913

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

49-In-109



111

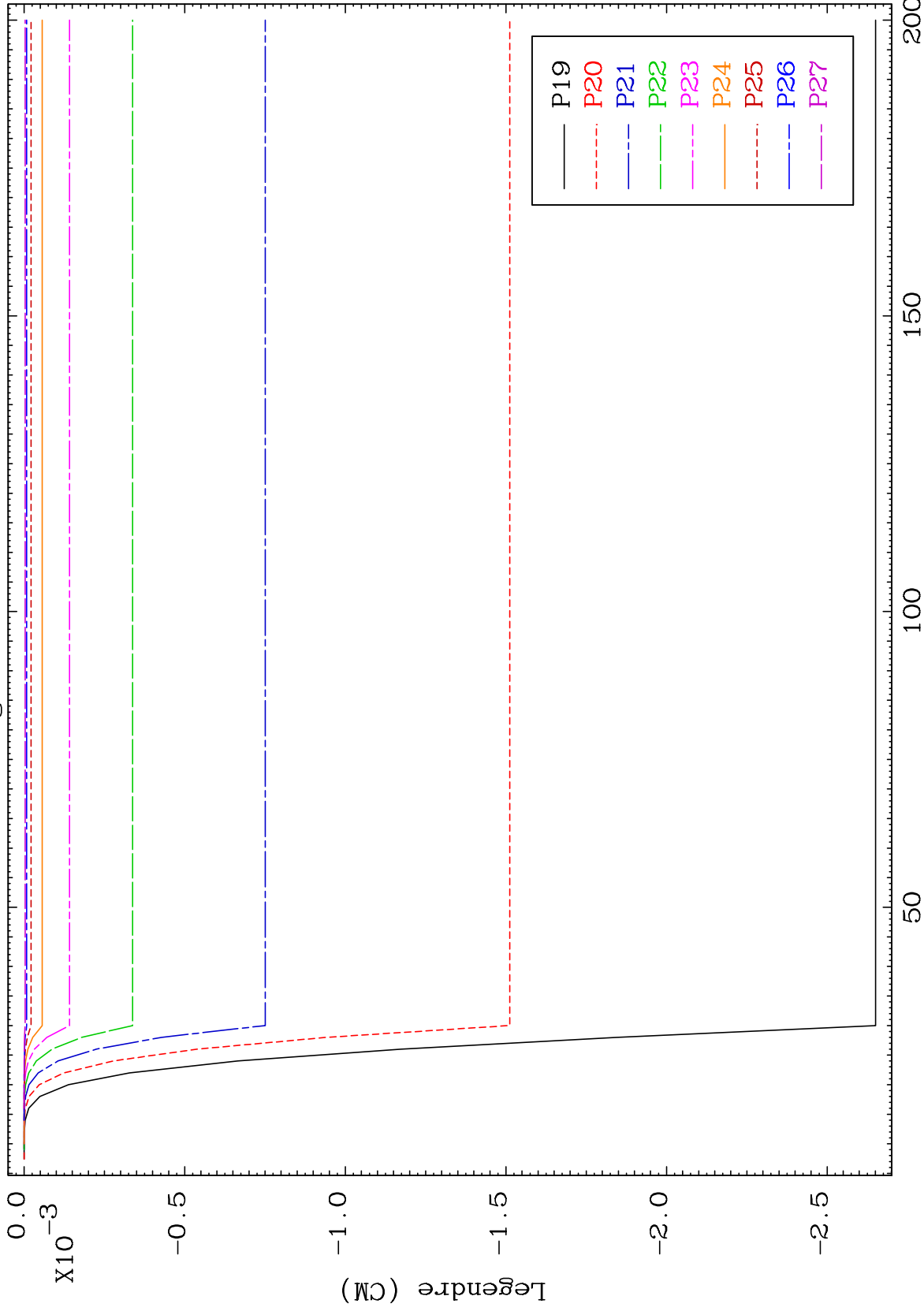
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



49-In-109

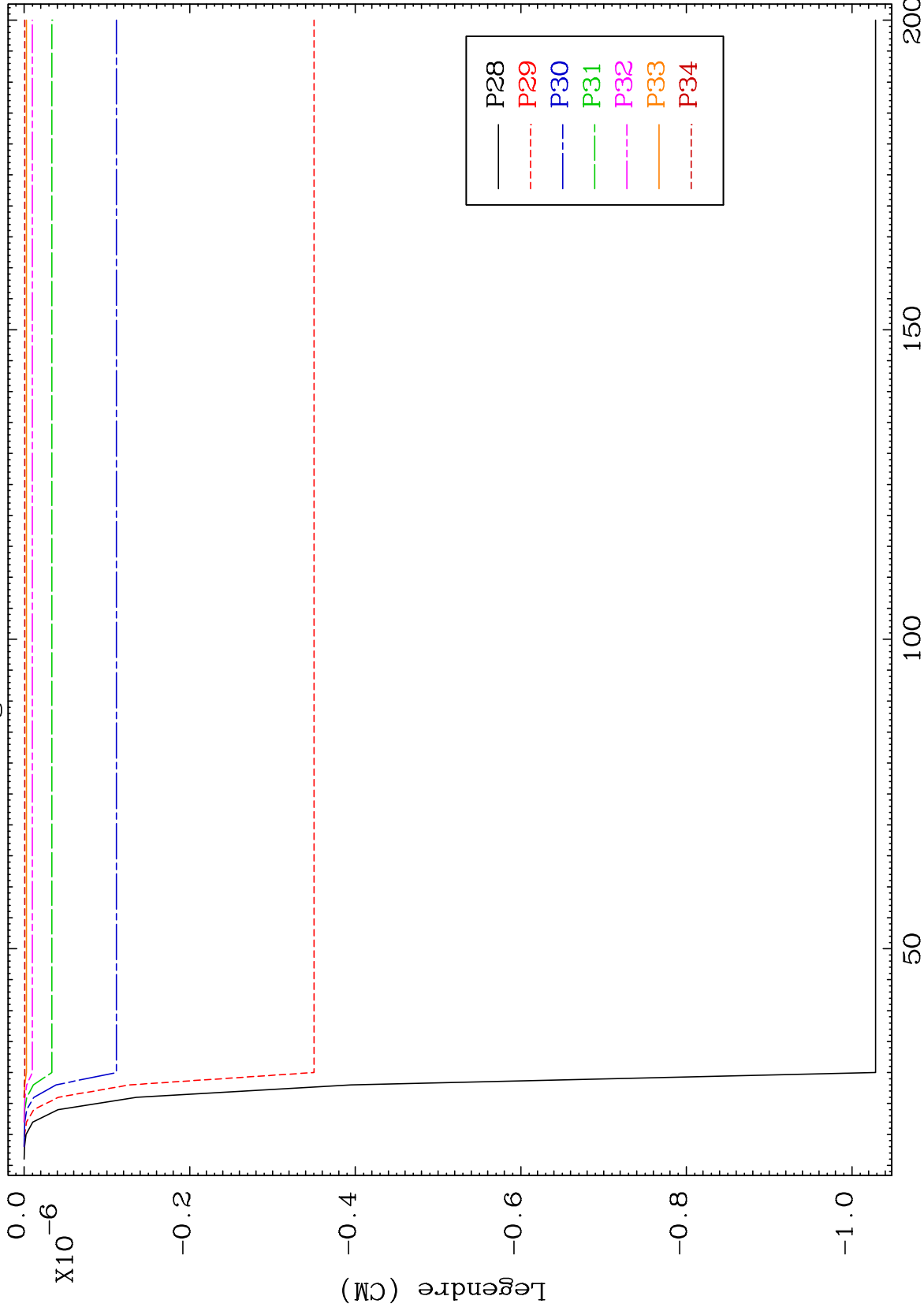
Incident Energy (MeV)

112

MAT 4913

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

49-In-109



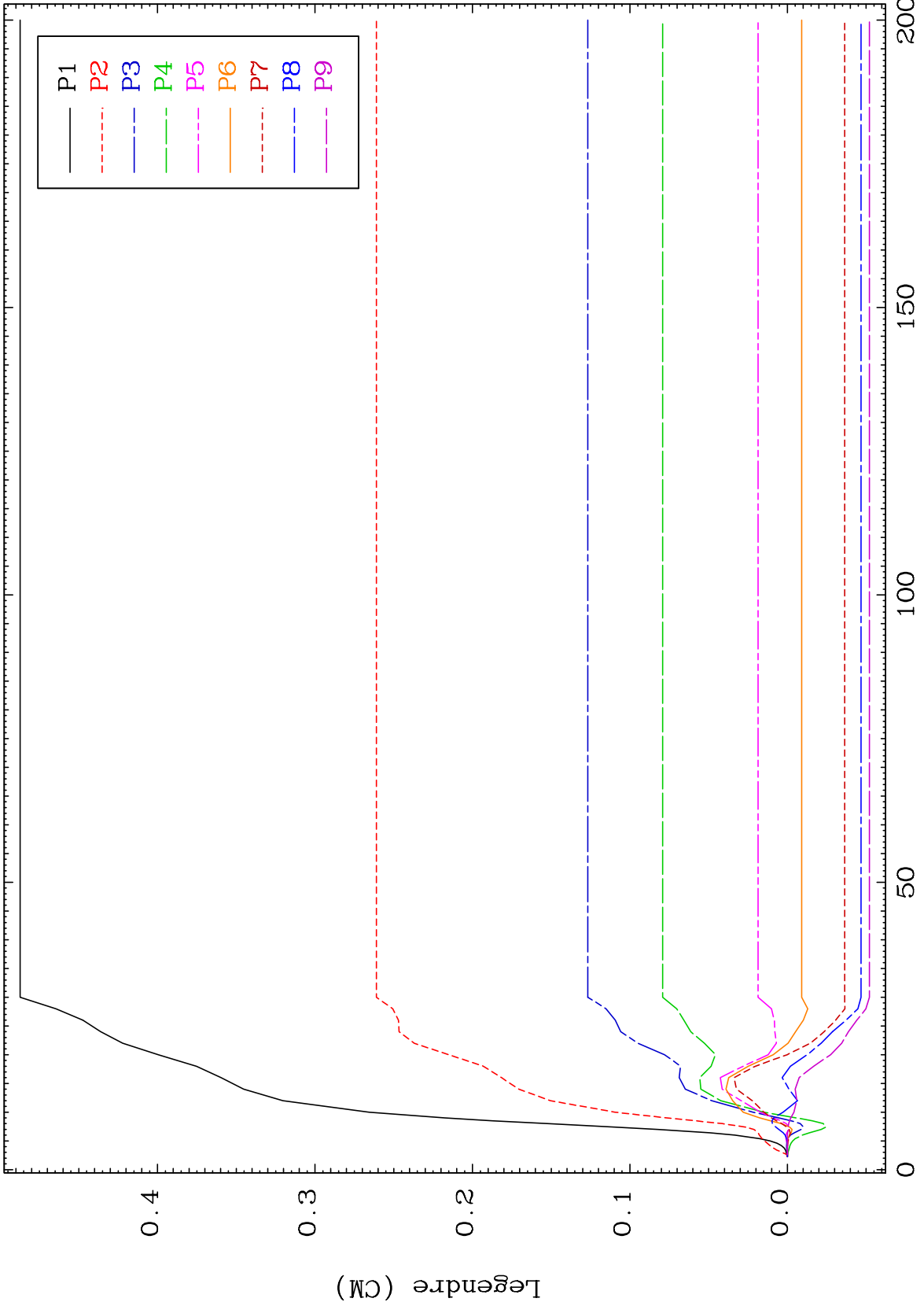
113

49-In-109

MAT 4913

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

49-In-109



114

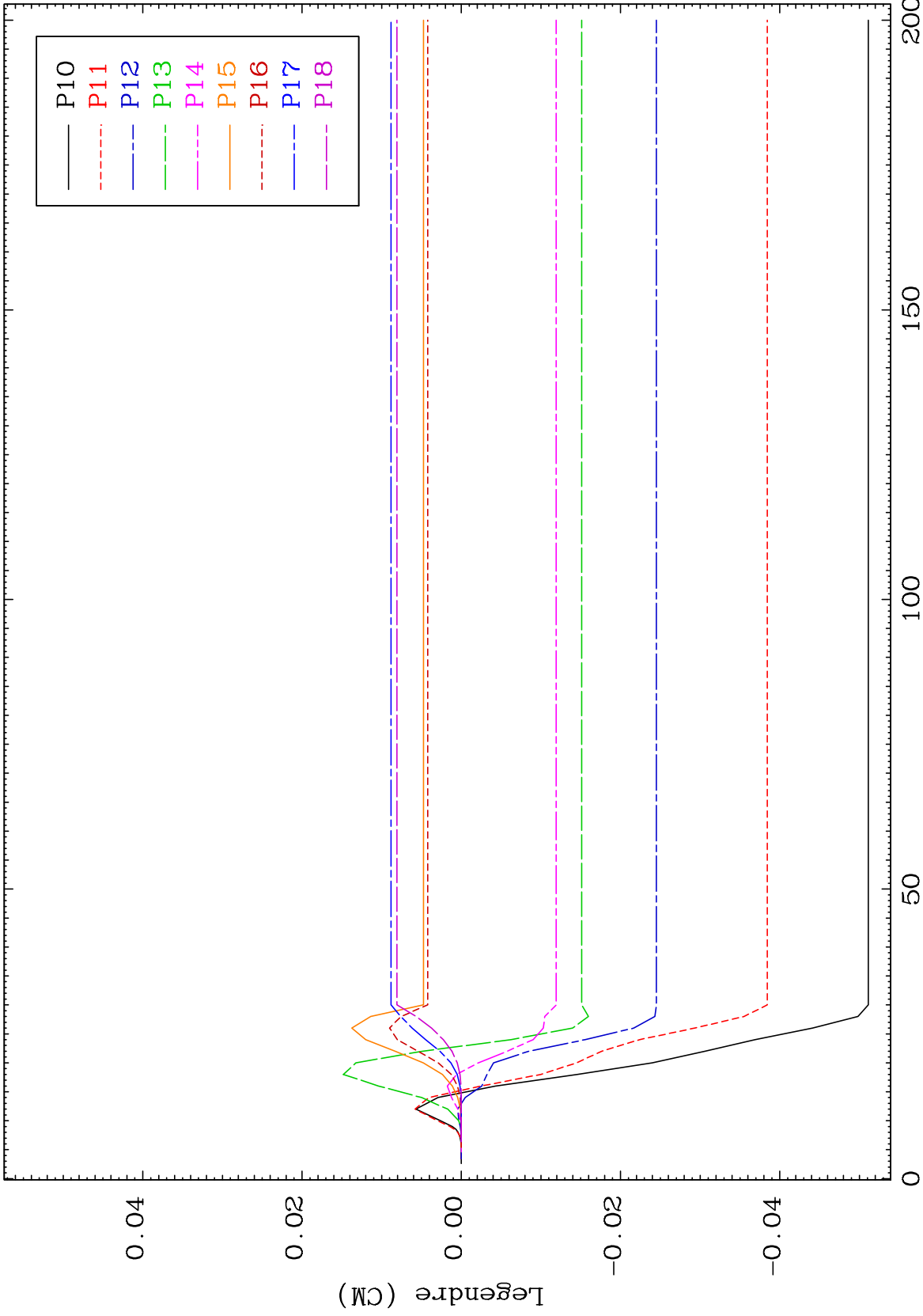
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



115

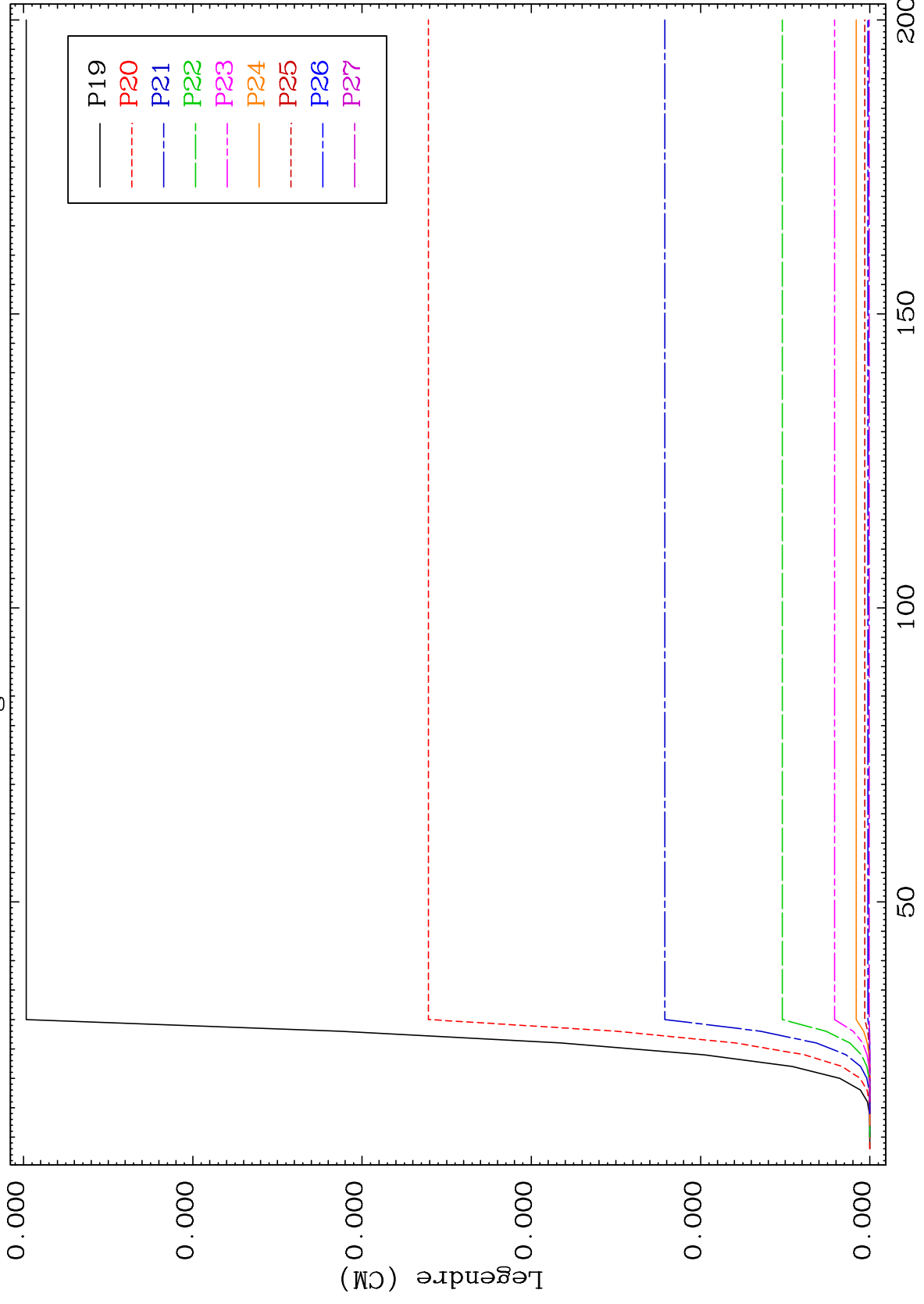
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



116

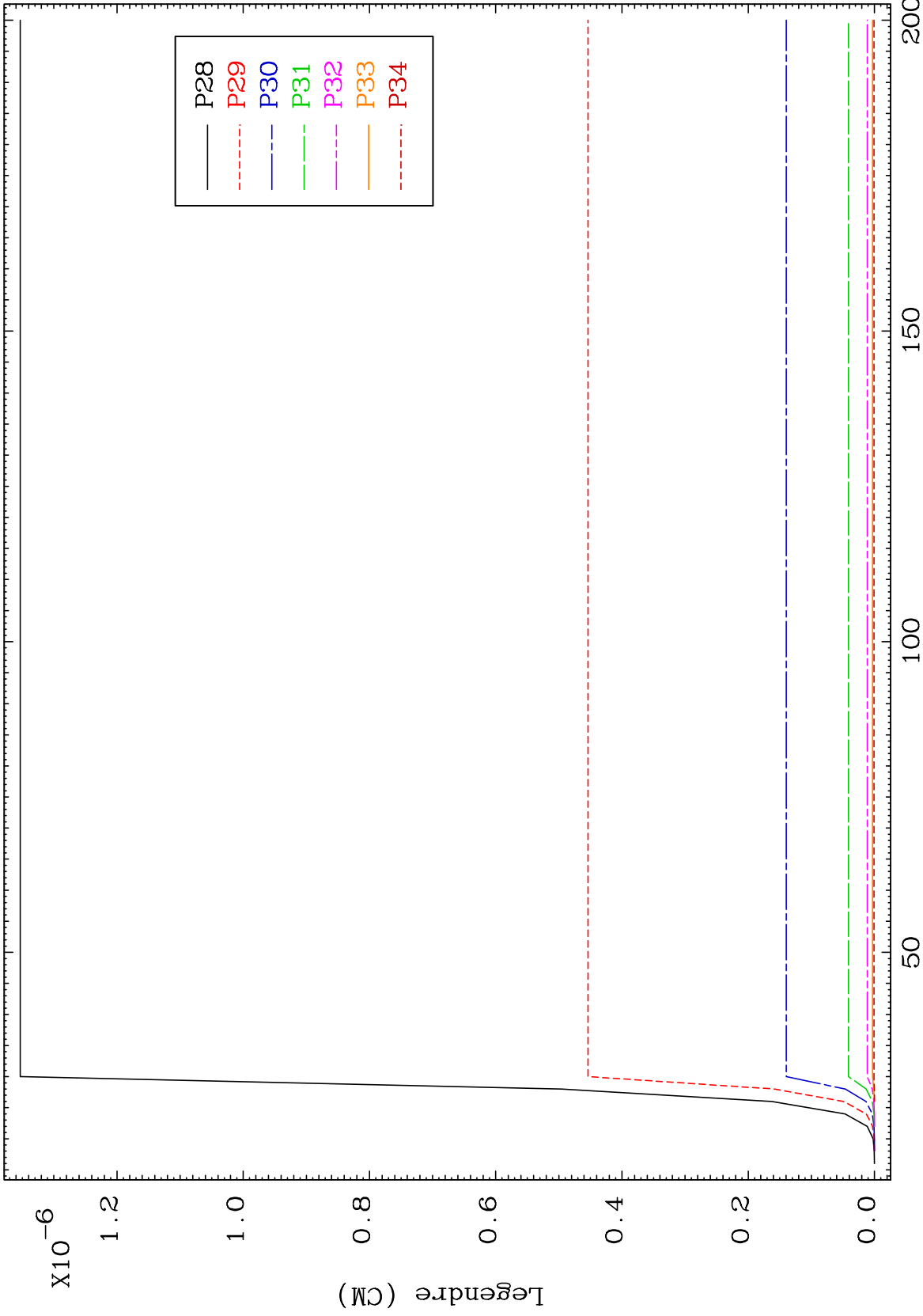
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



117

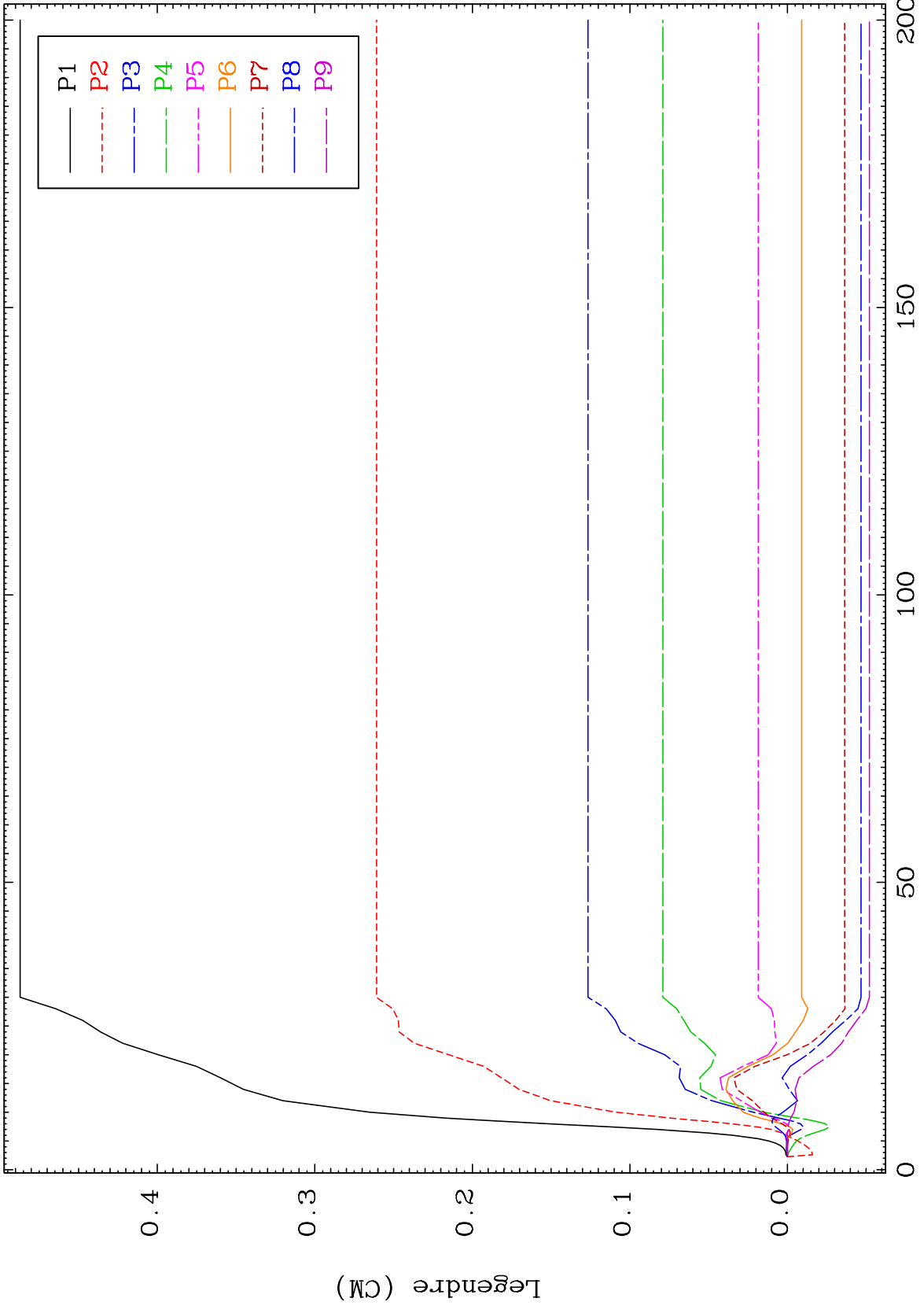
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



118

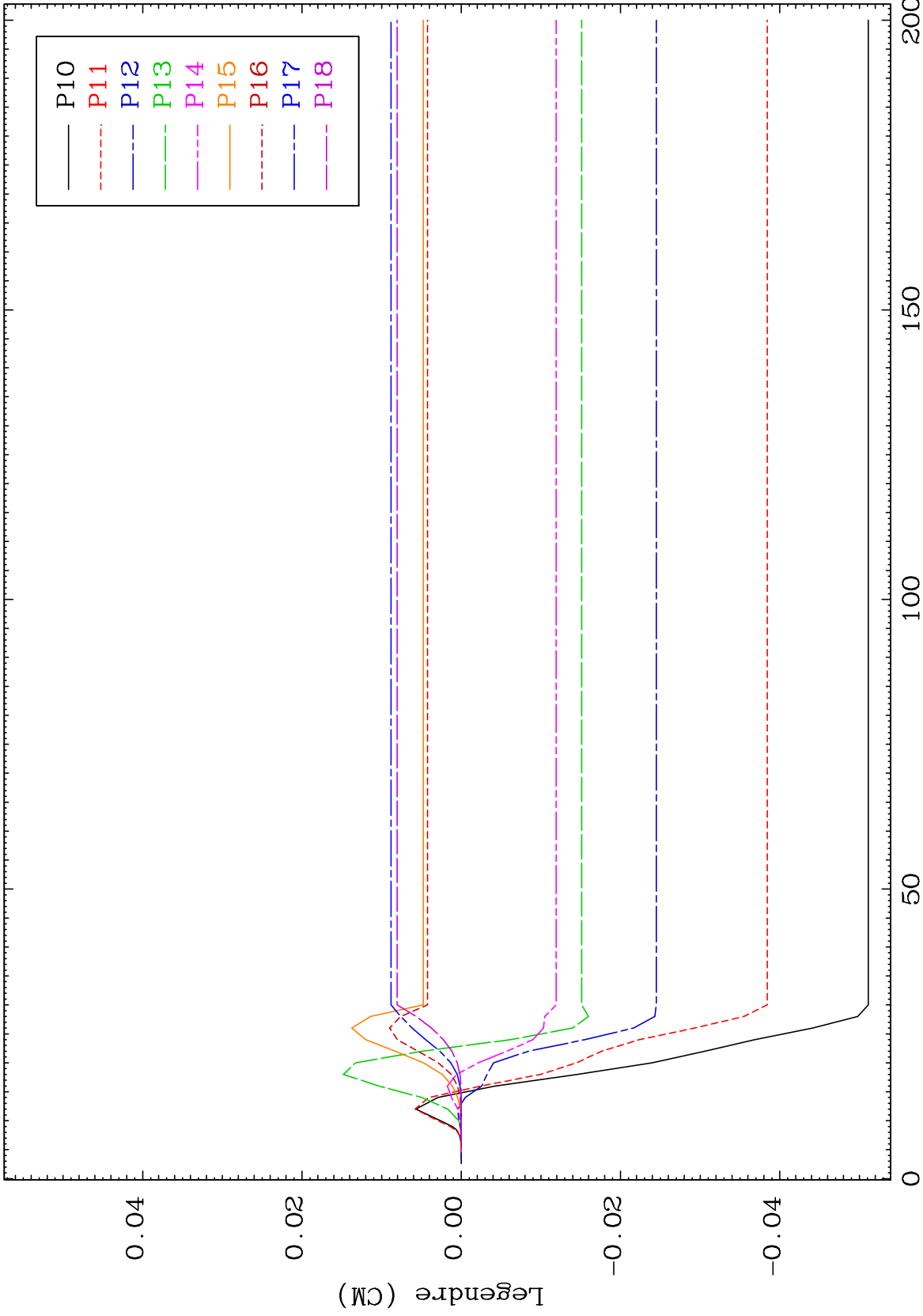
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



119

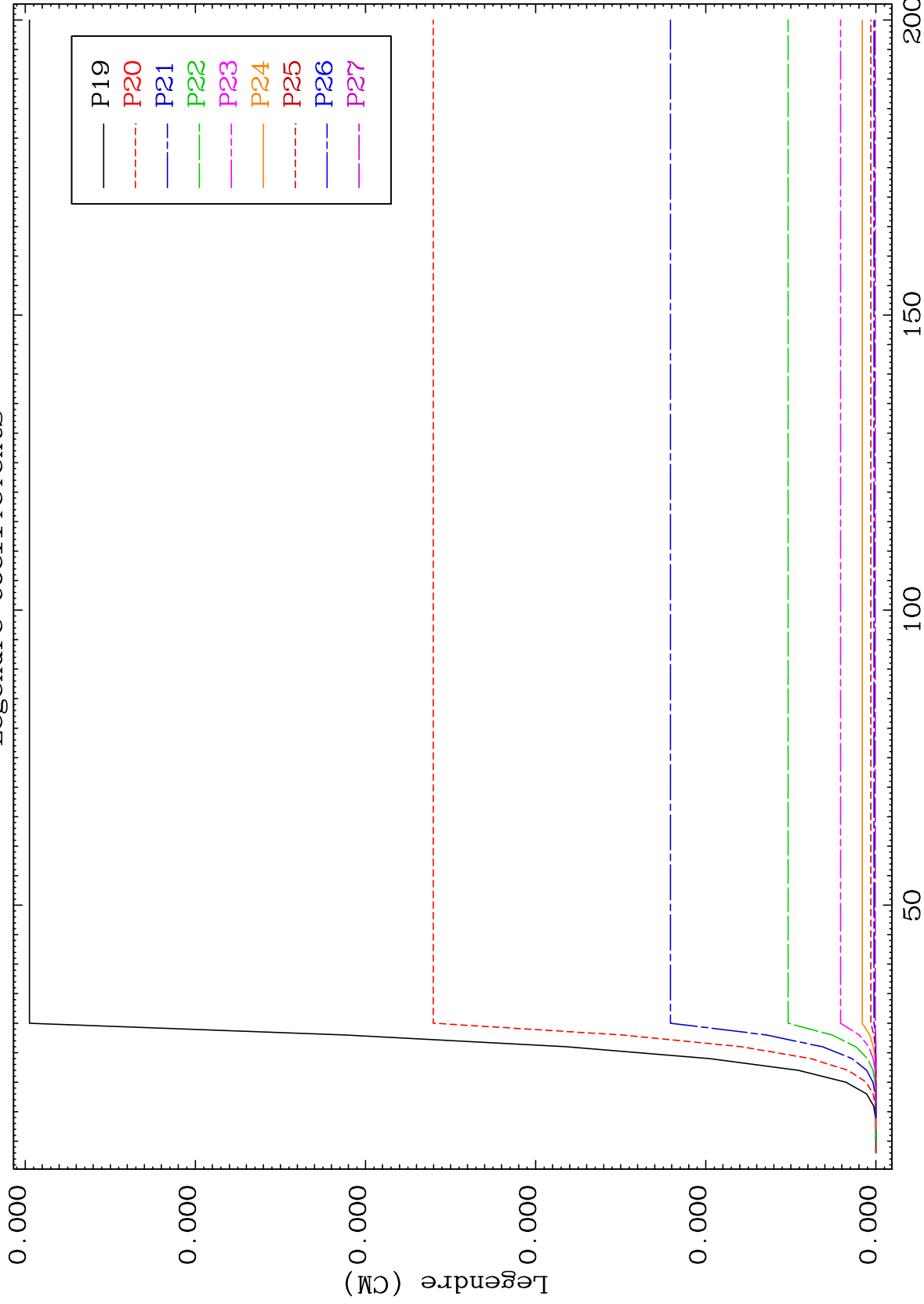
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



120

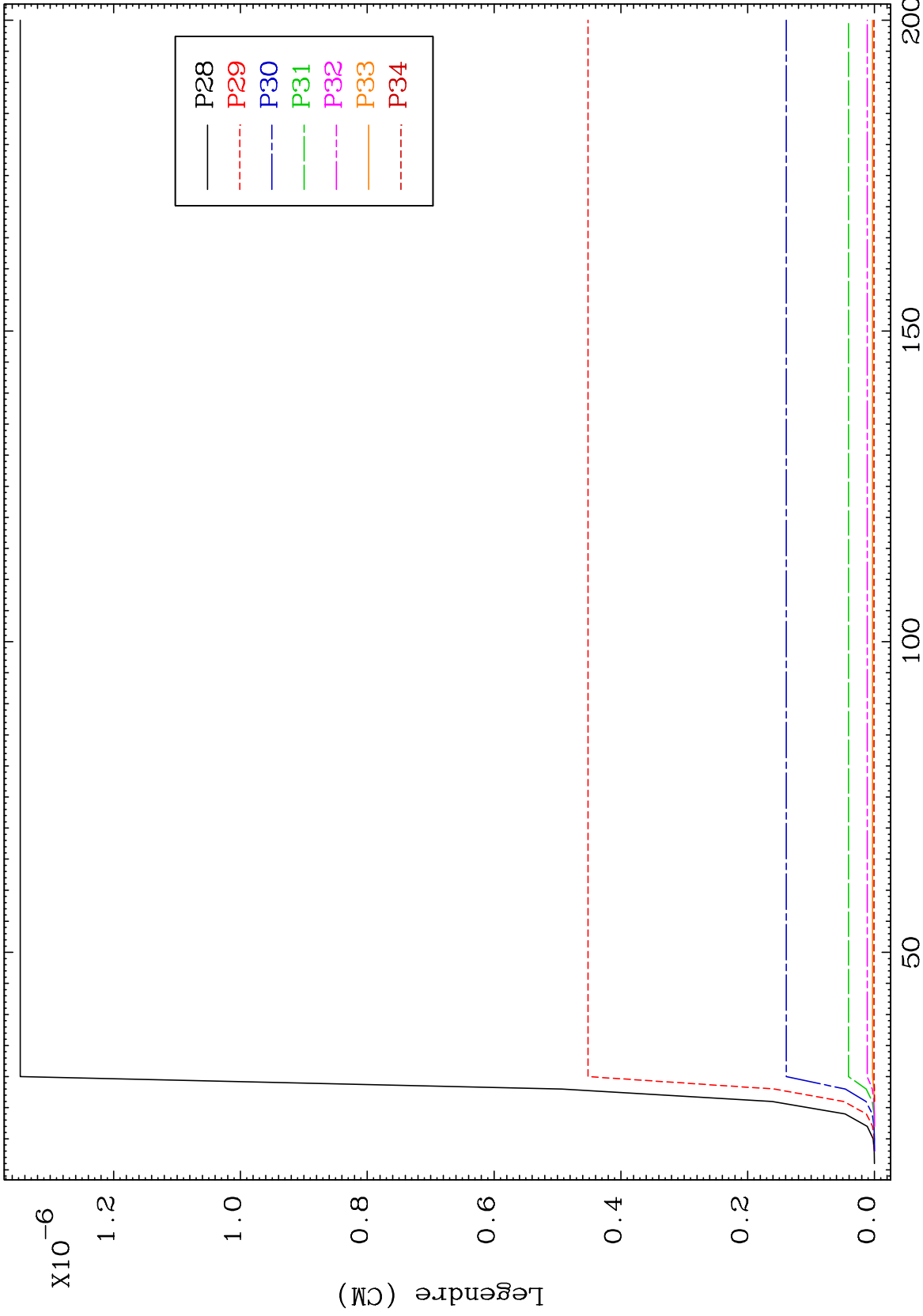
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



121

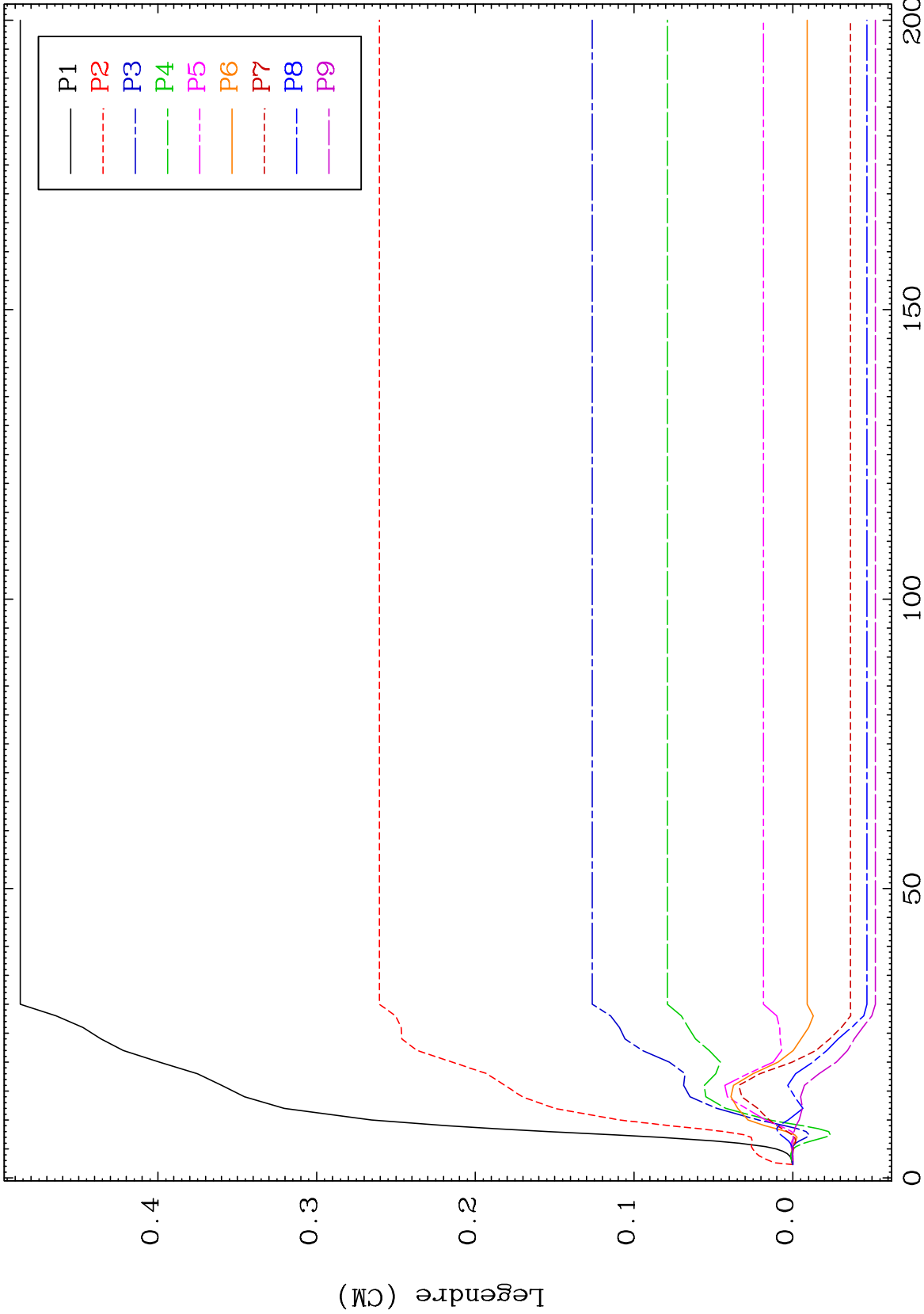
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



122

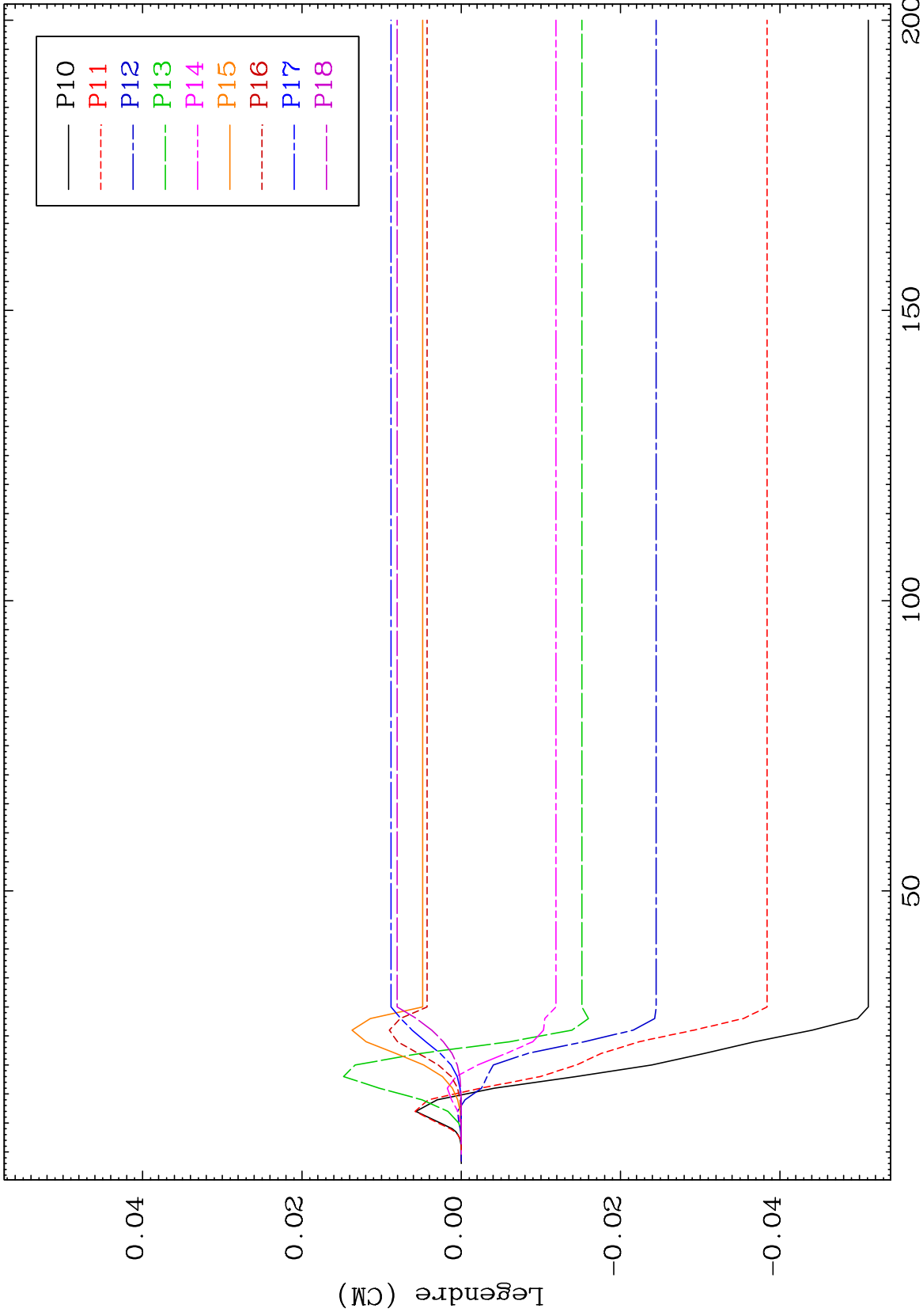
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



123

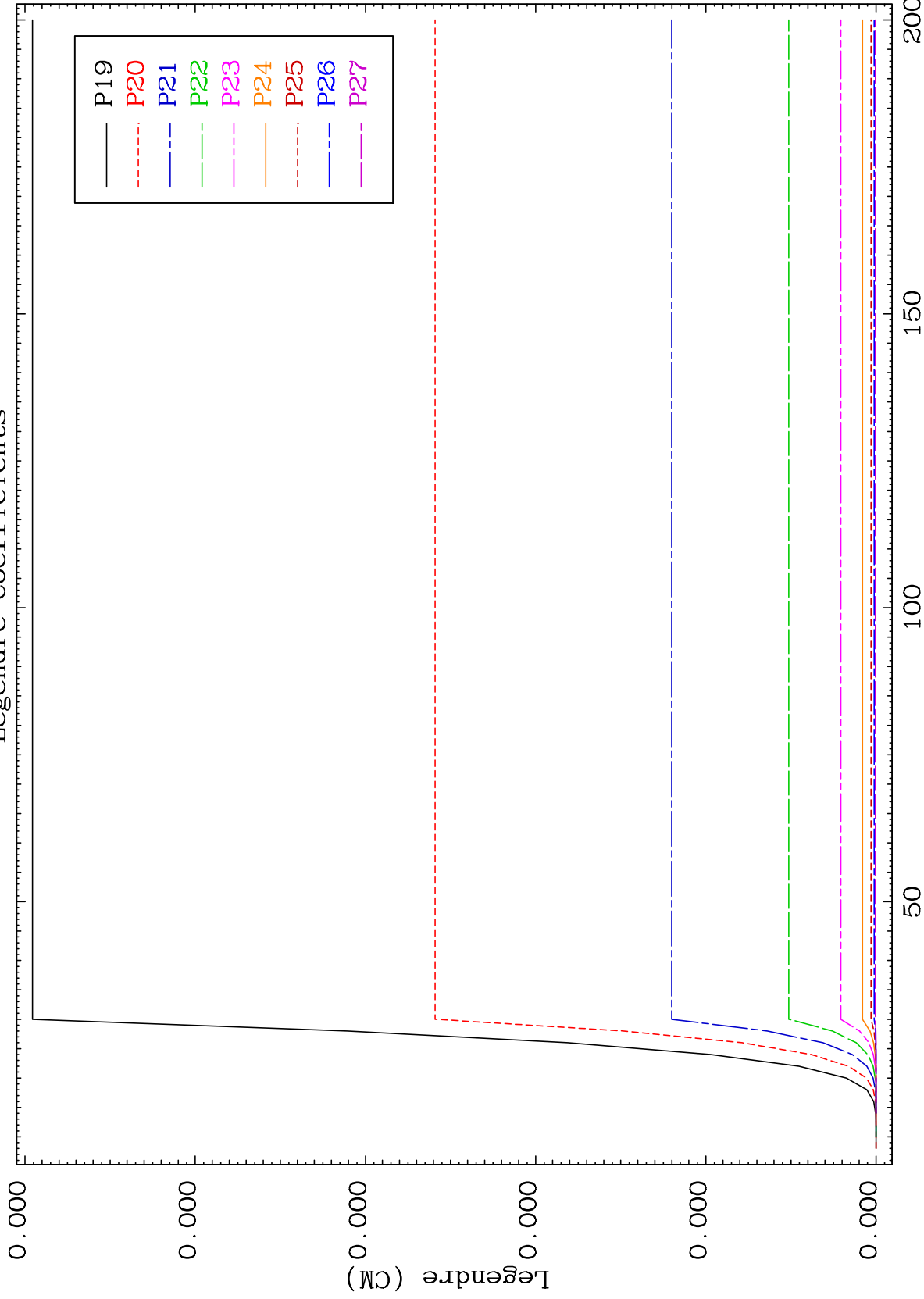
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



49-In-109

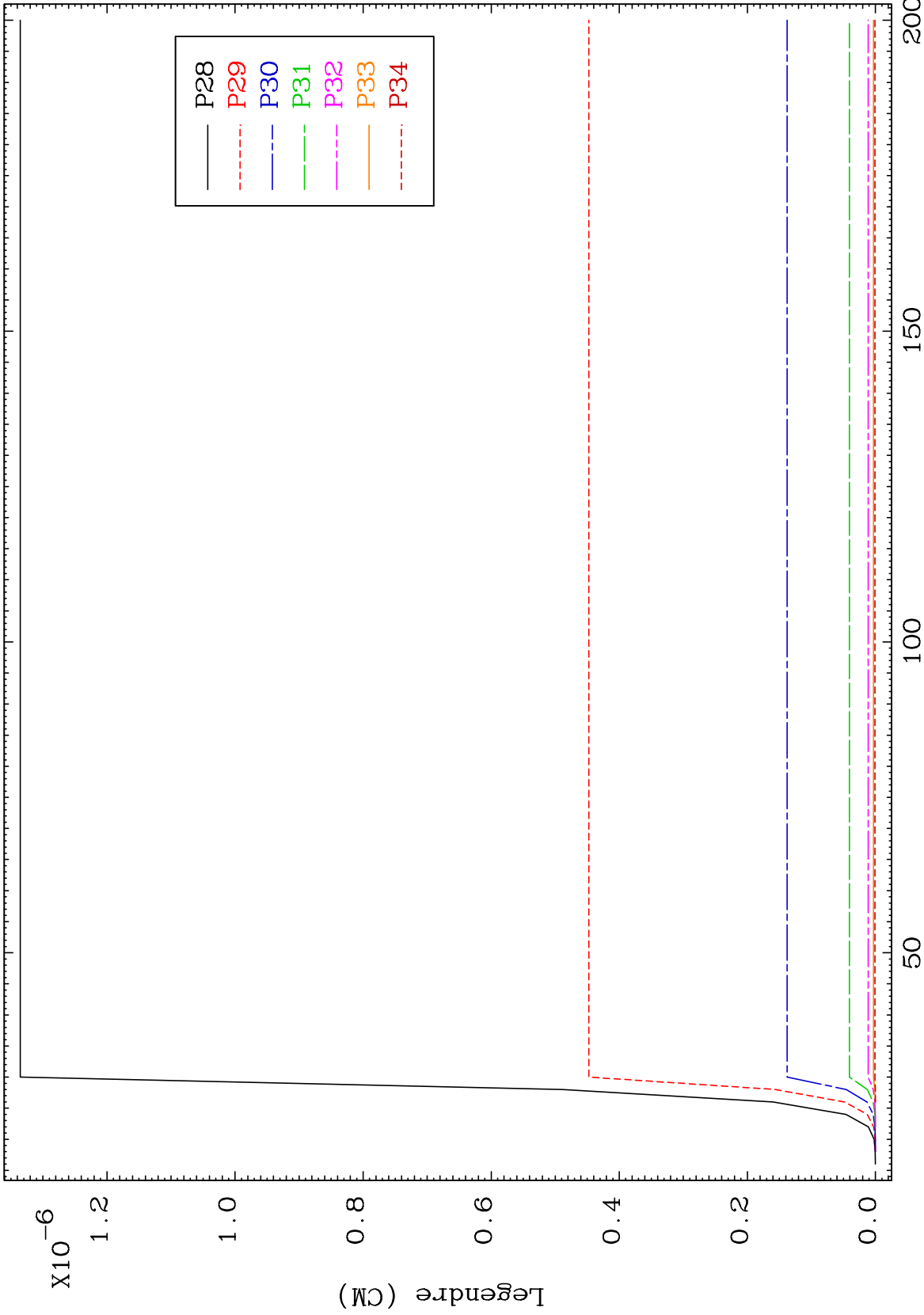
Incident Energy (MeV)

124

MAT 4913

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

49-In-109



125

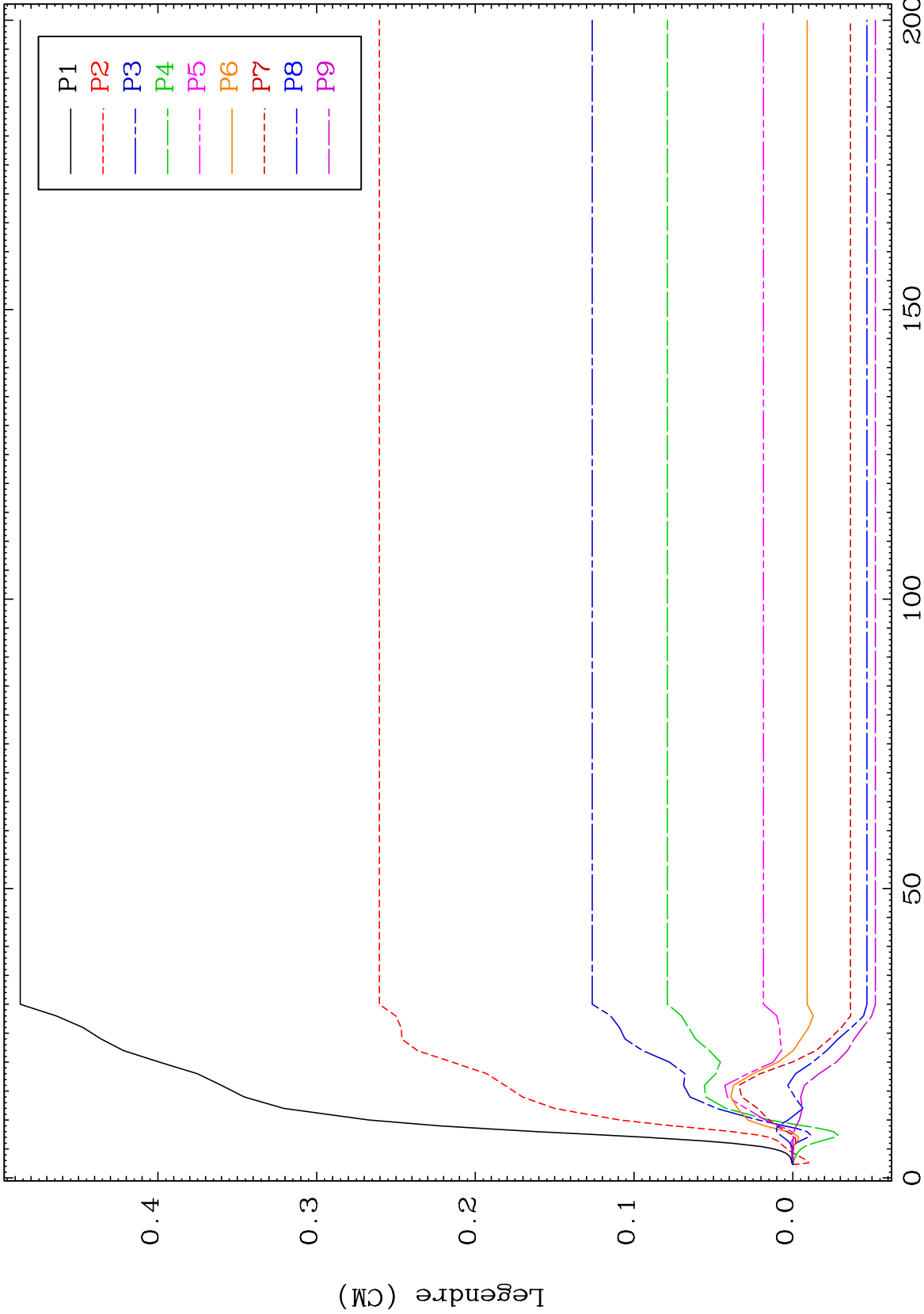
Incident Energy (MeV)

49-In-109

MAT 4913

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

49-In-109



126

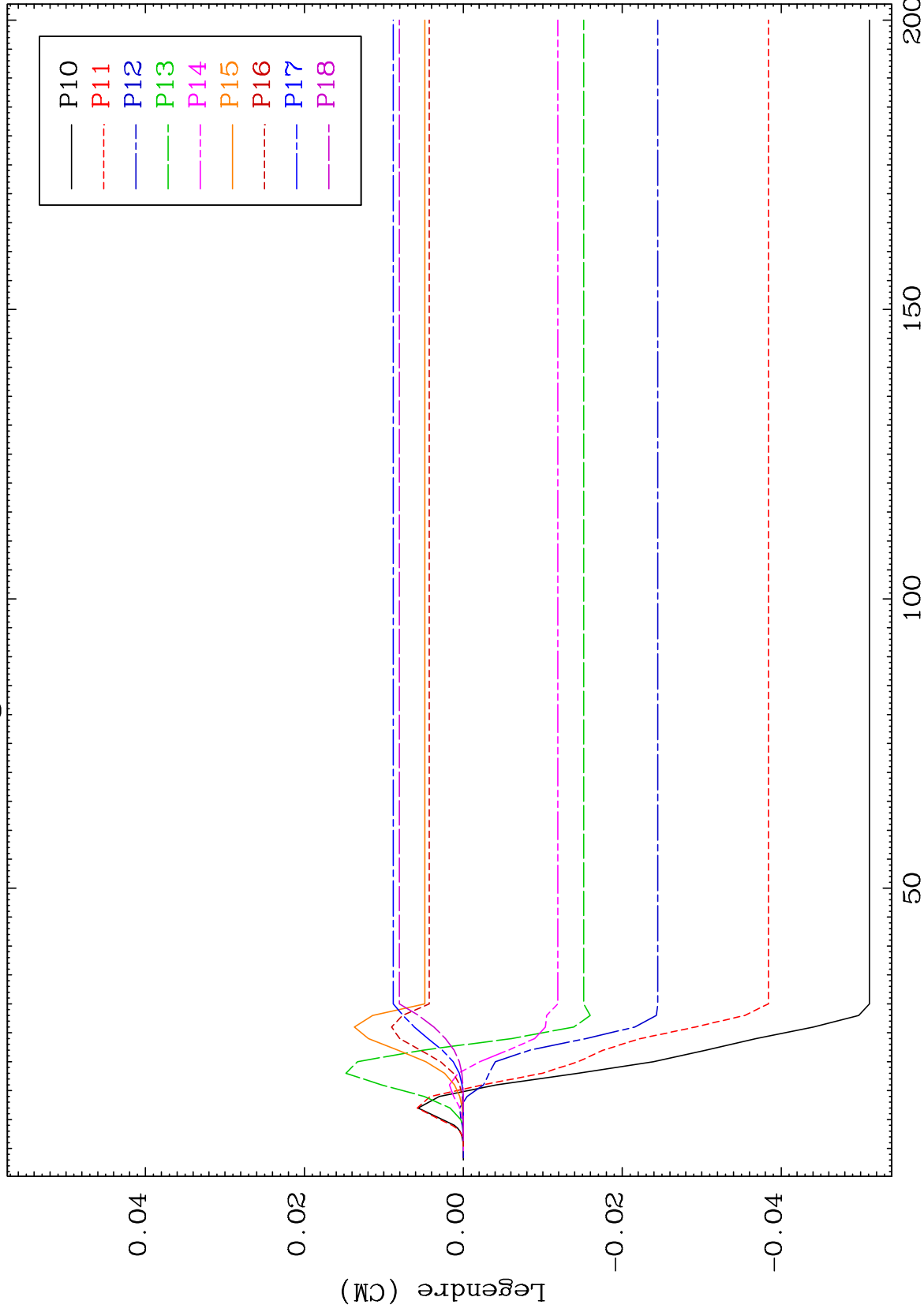
Incident Energy (MeV)

49-In-109

MAT 4913

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

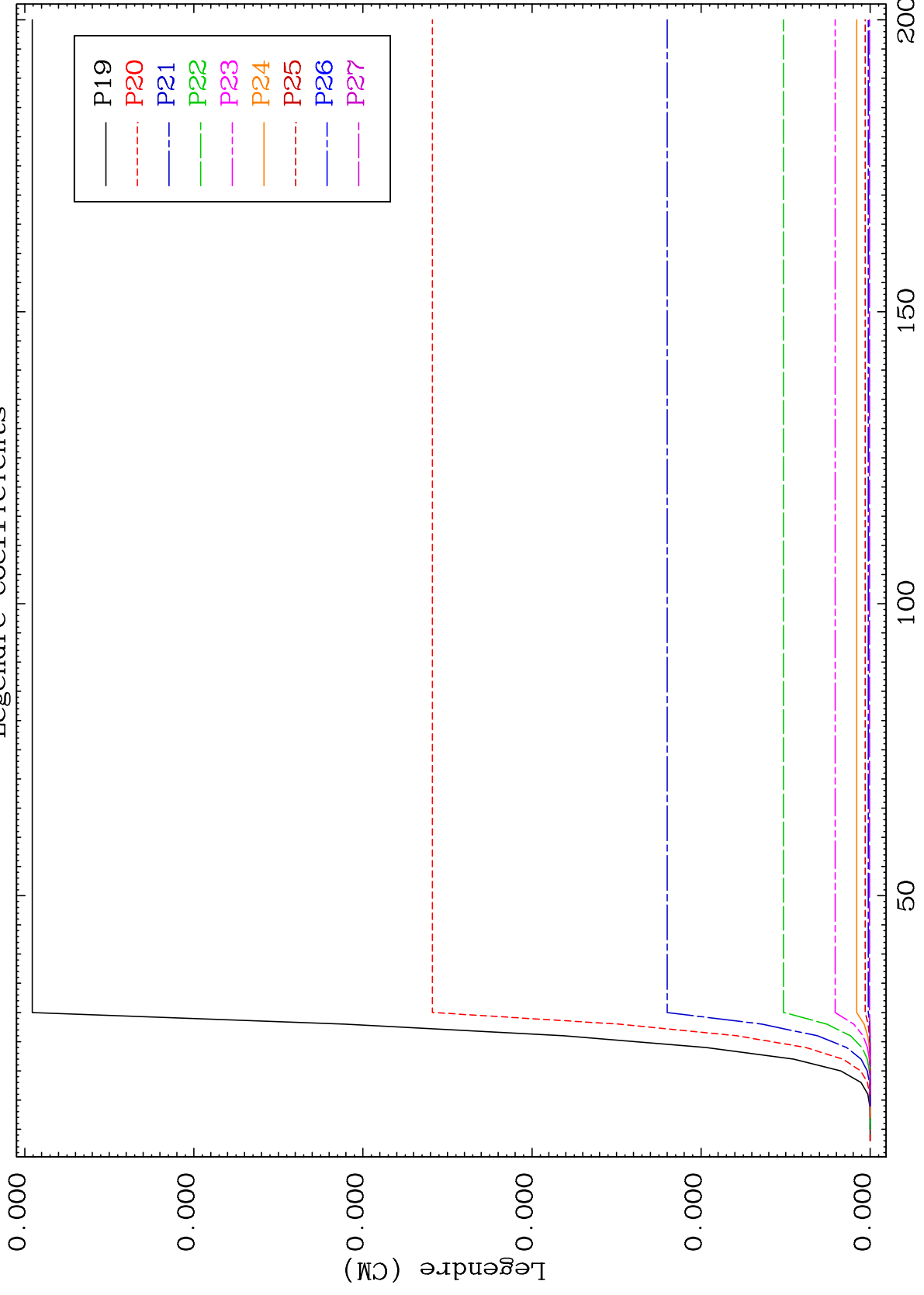
49-In-109



127

49-In-109

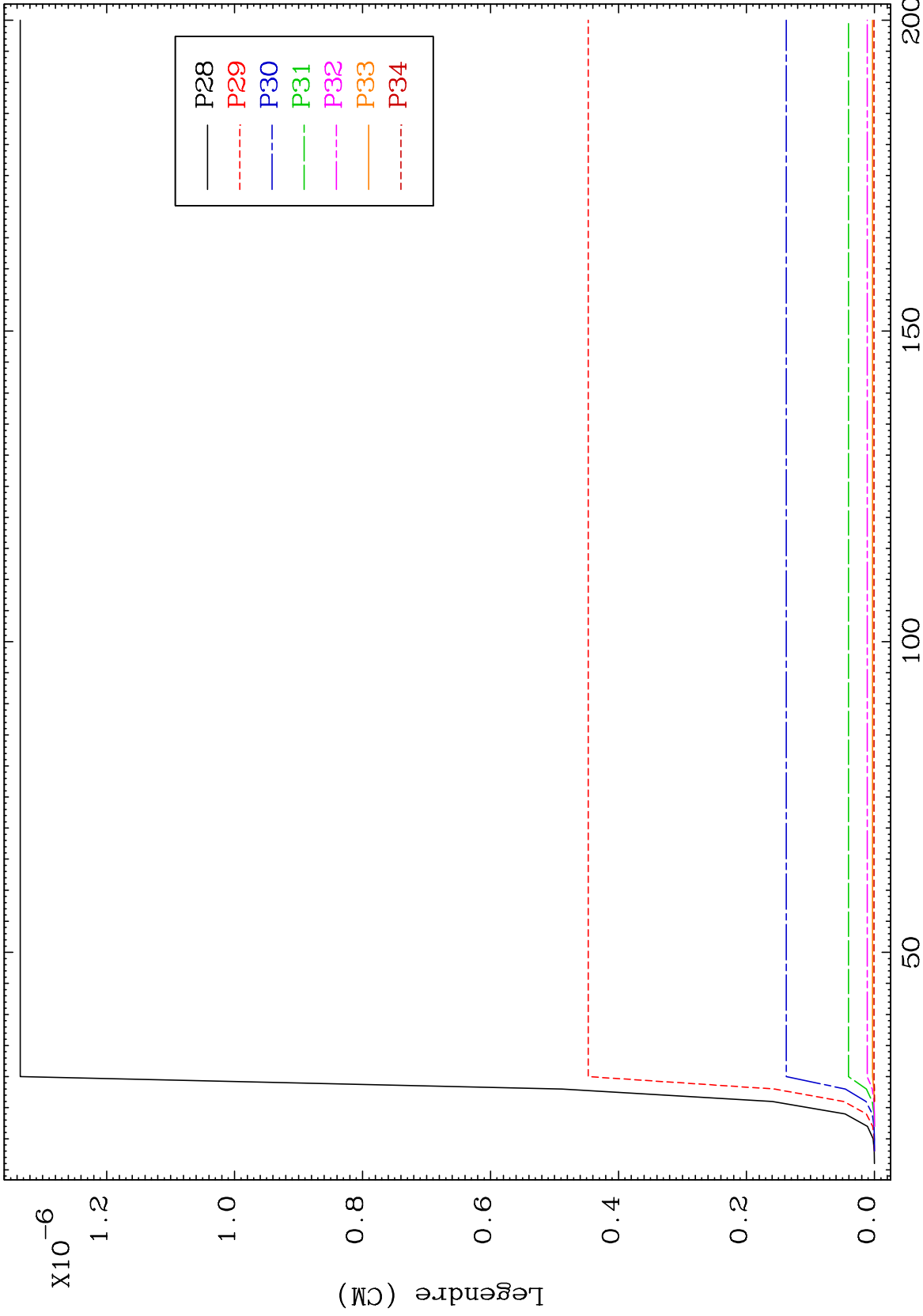
MAT 4913 MT= 79 (n,n') Level Legendre Coefficients 49-In-109



MAT 4913

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

49-In-109



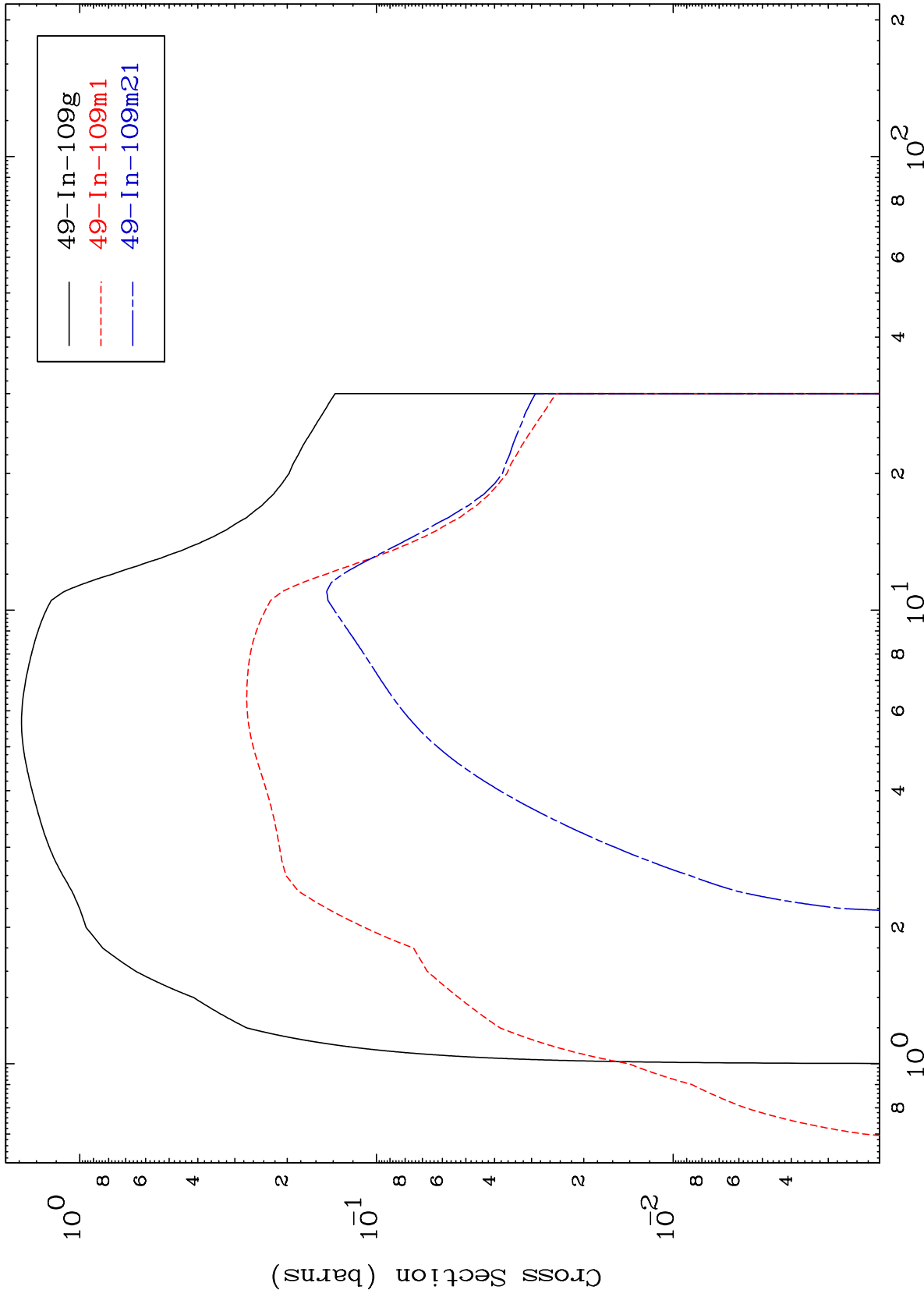
129

49-In-109

MAT 4913

Inelastic
Radionuclide Production Cross Section

49-In-109



130

Incident Energy (MeV)

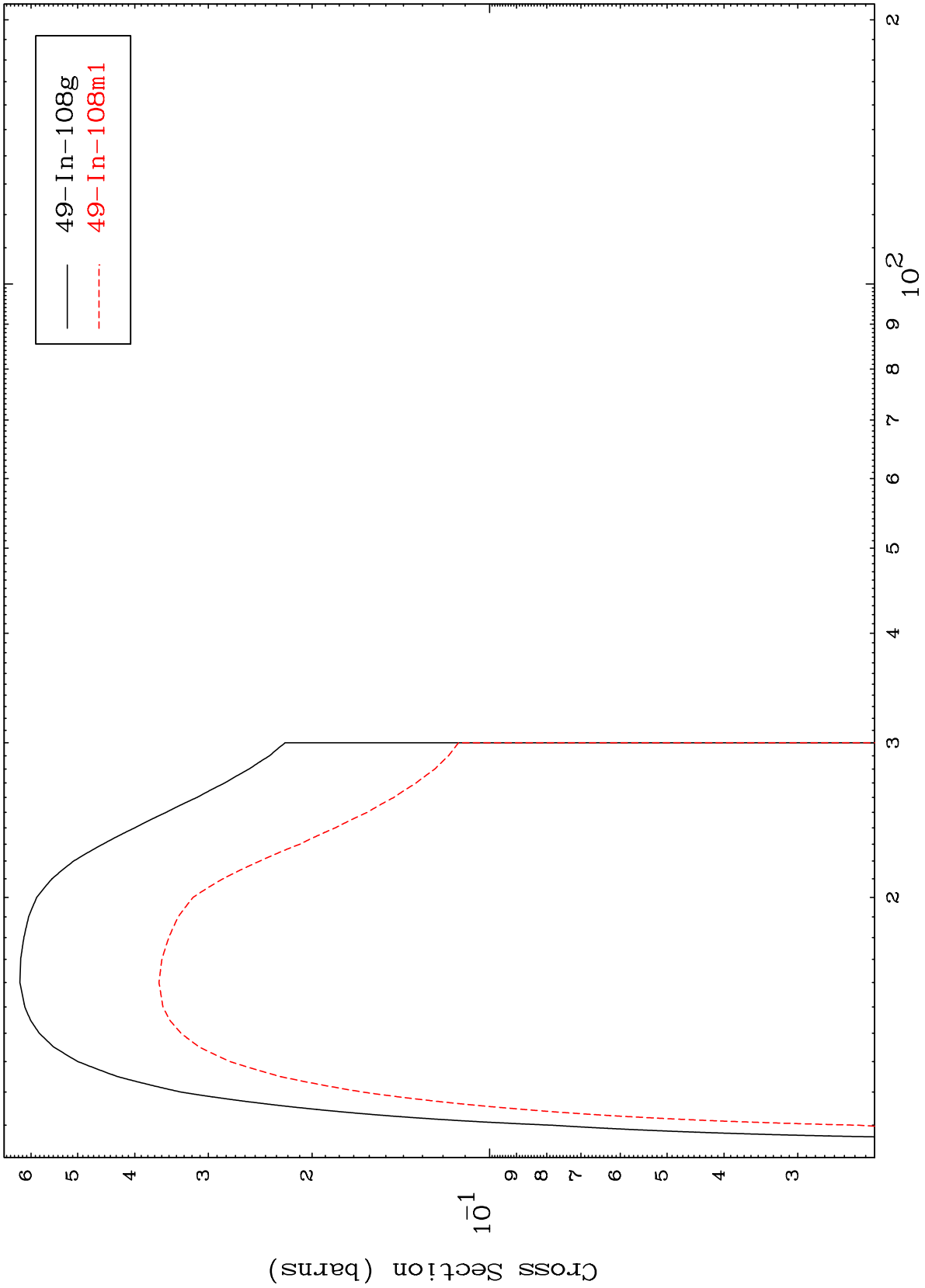
49-In-109

MAT 4913

(n,2n)

49-In-109

Radionuclide Production Cross Section



131

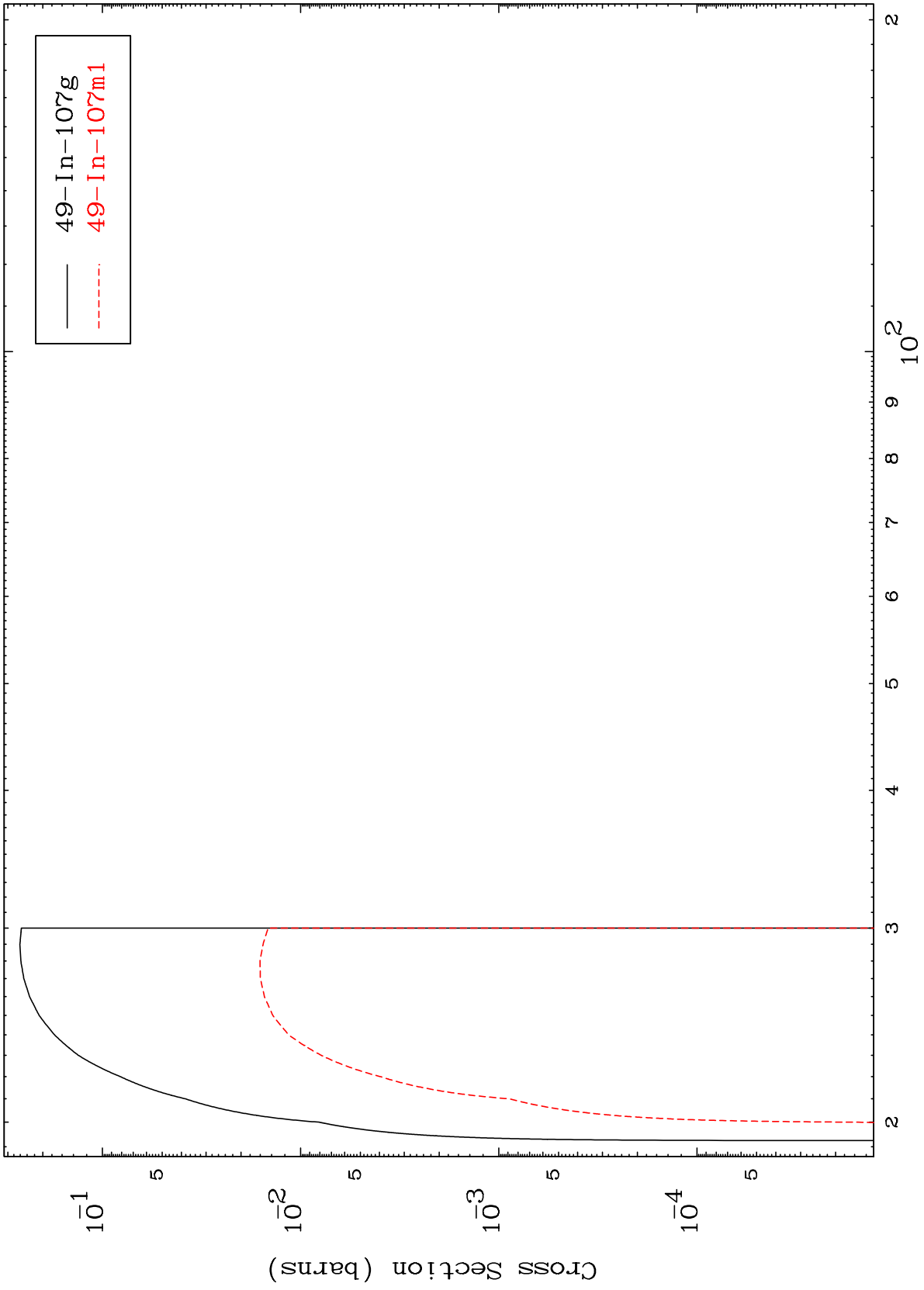
Incident Energy (MeV)

49-In-109

MAT 4913

49-In-109

(n,3n)
Radionuclide Production Cross Section



132

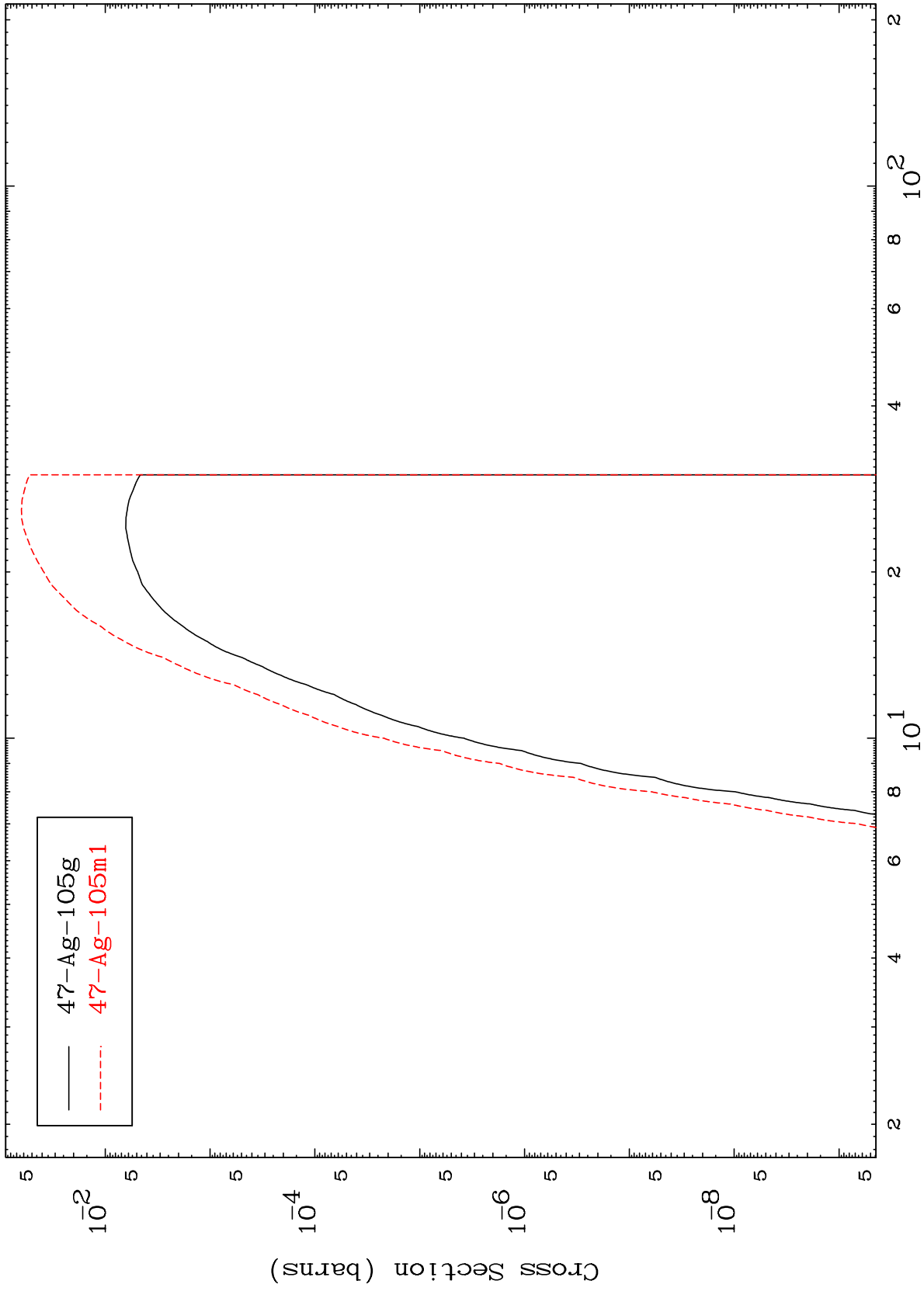
49-In-109

MAT 4913

(n,n') α

49-In-109

Radionuclide Production Cross Section



— 47-Ag-105g
- - - 47-Ag-105m1

133

Incident Energy (MeV)

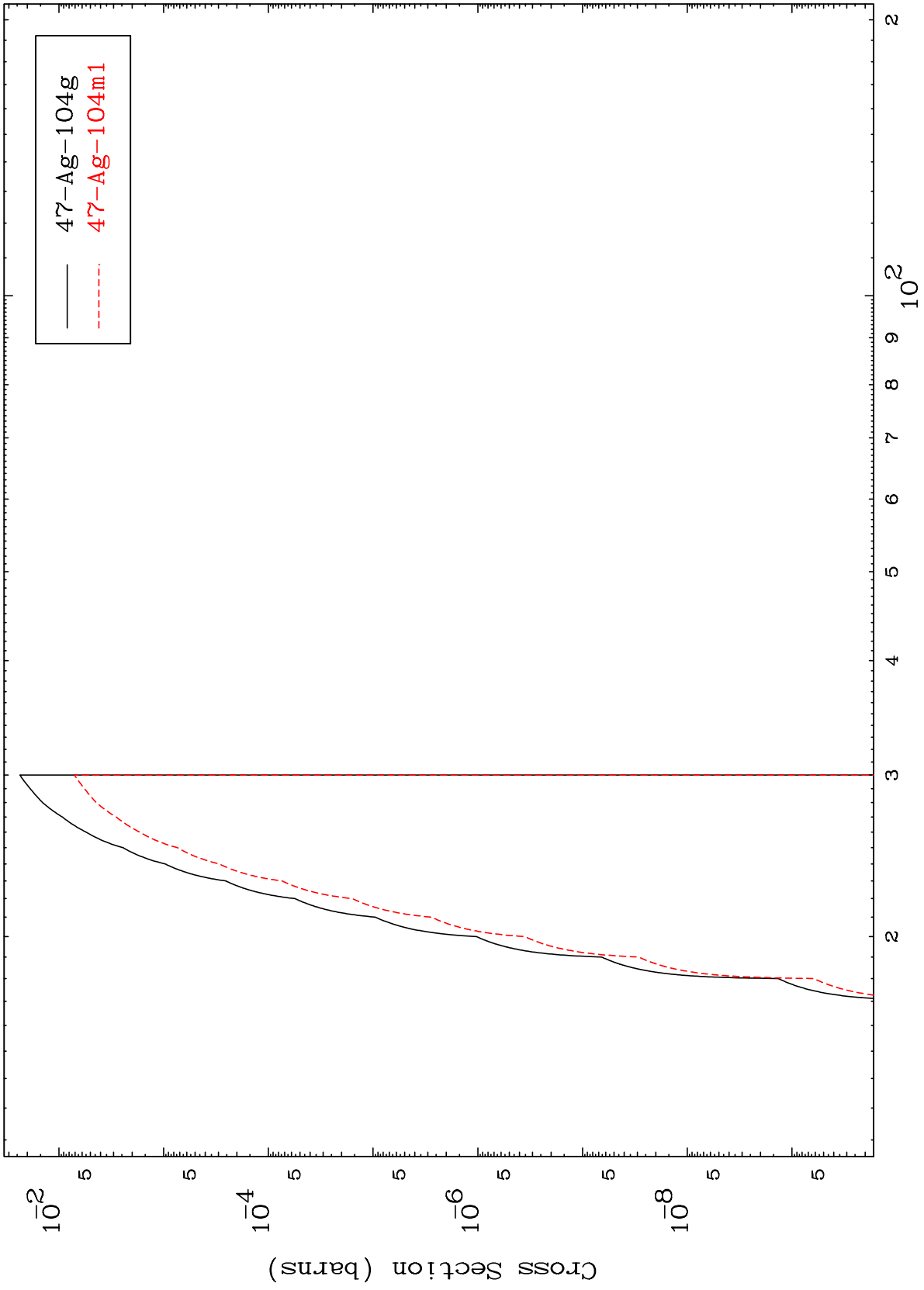
49-In-109

MAT 4913

(n,2n) α

49-In-109

Radionuclide Production Cross Section



134

Incident Energy (MeV)

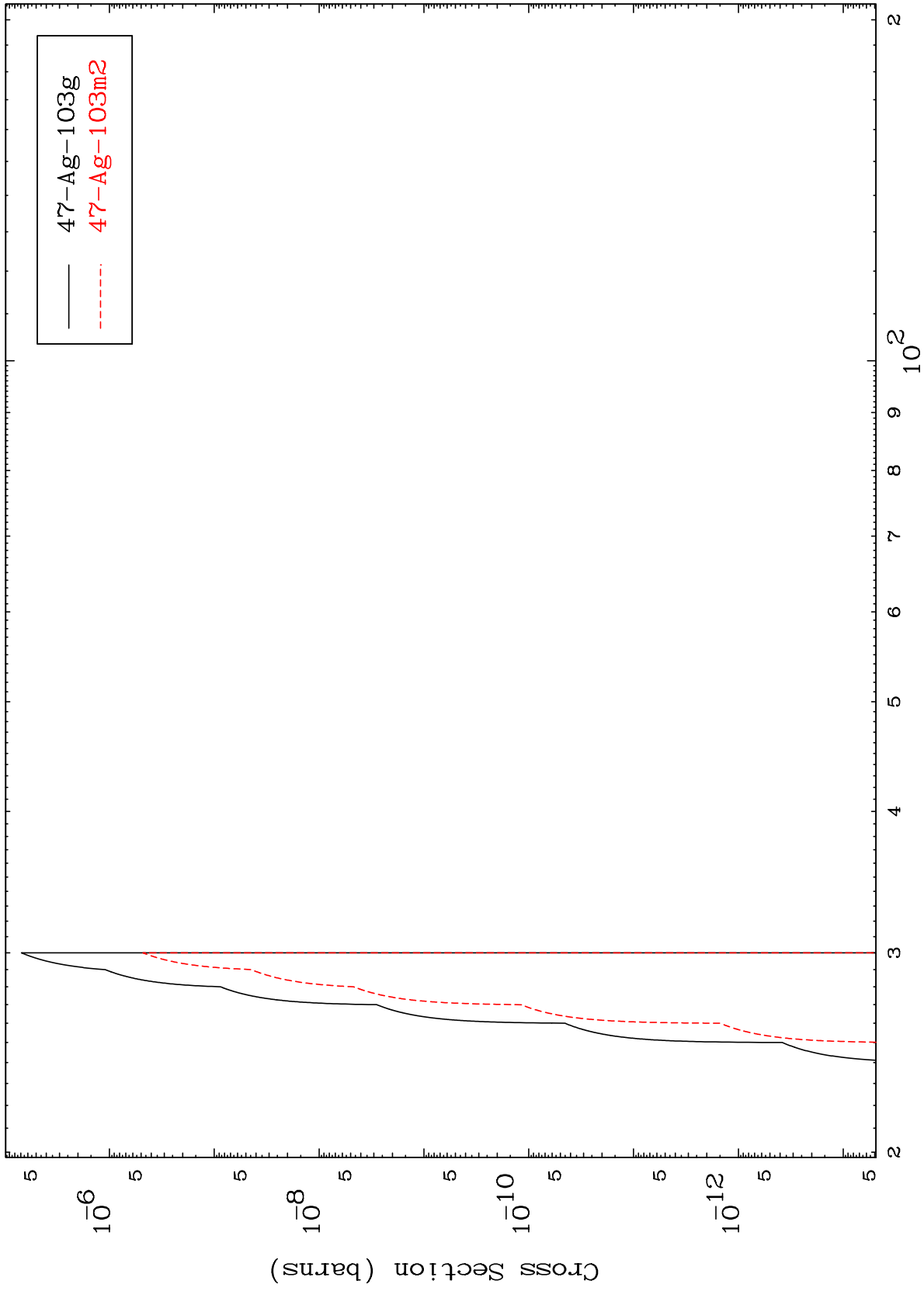
49-In-109

MAT 4913

(n,3n) α

49-In-109

Radionuclide Production Cross Section



135

Incident Energy (MeV)

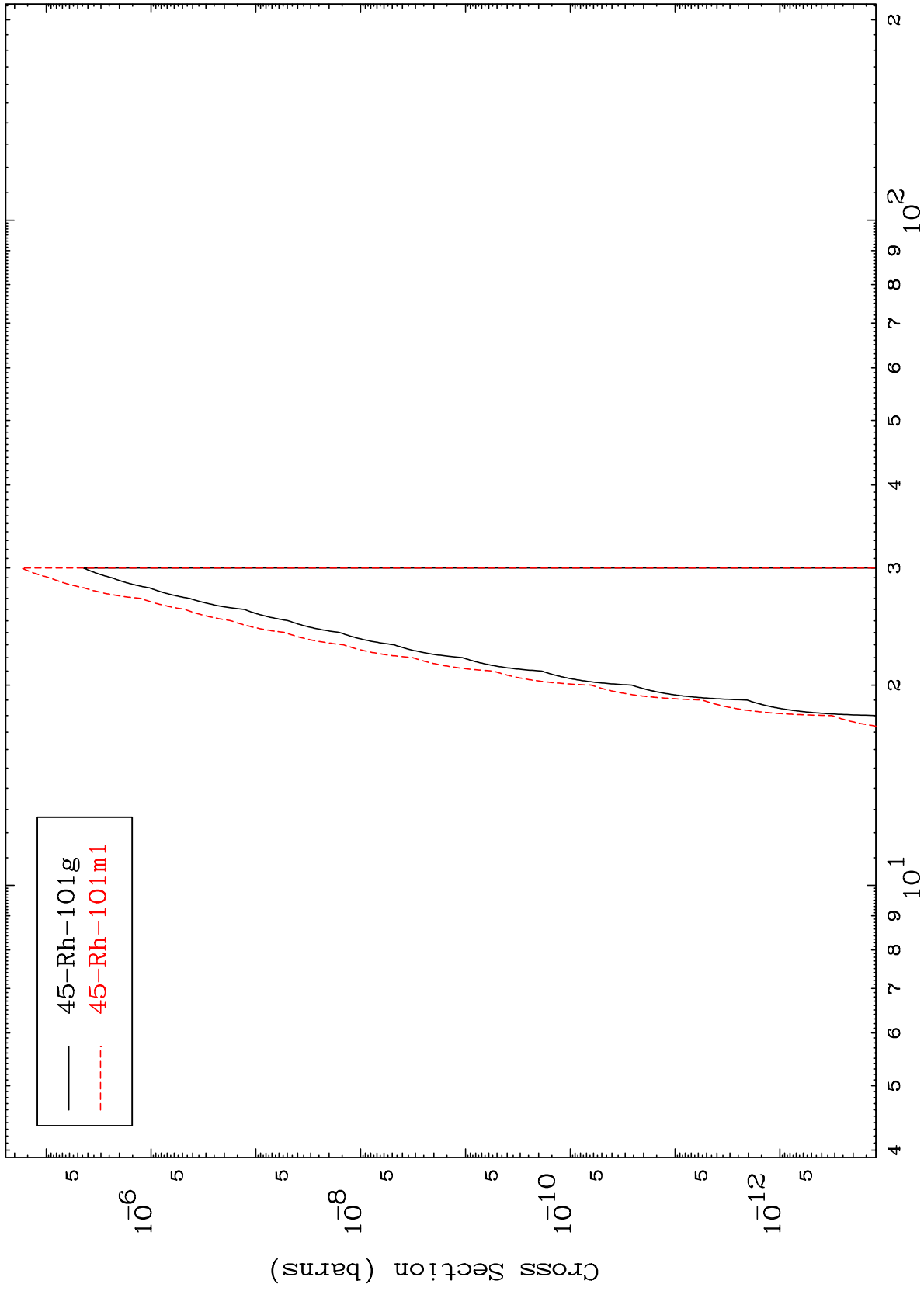
49-In-109

MAT 4913

(n,n') 2α

49-In-109

Radionuclide Production Cross Section



136

Incident Energy (MeV)

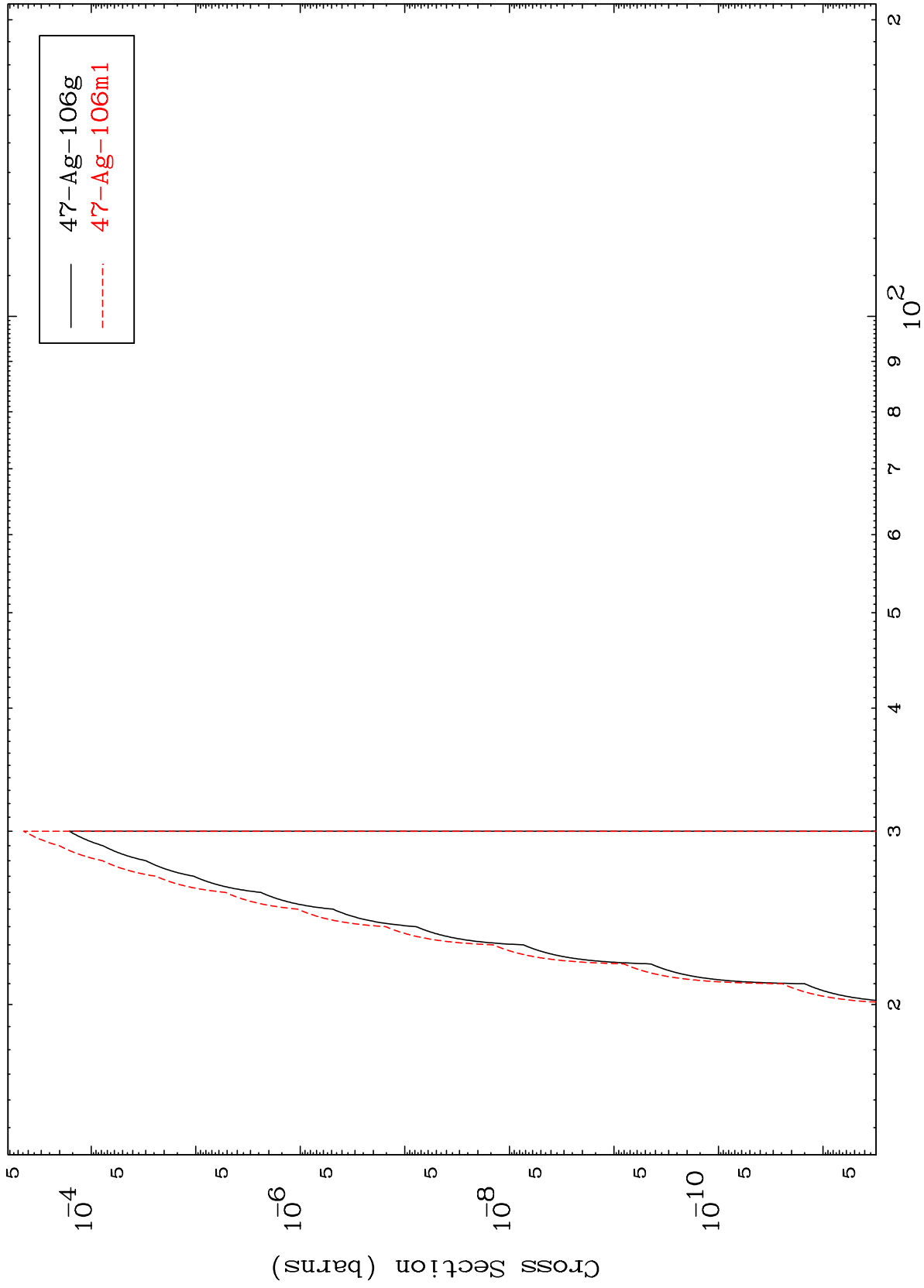
49-In-109

MAT 4913

(n, n') He-3

49-In-109

Radionuclide Production Cross Section



137

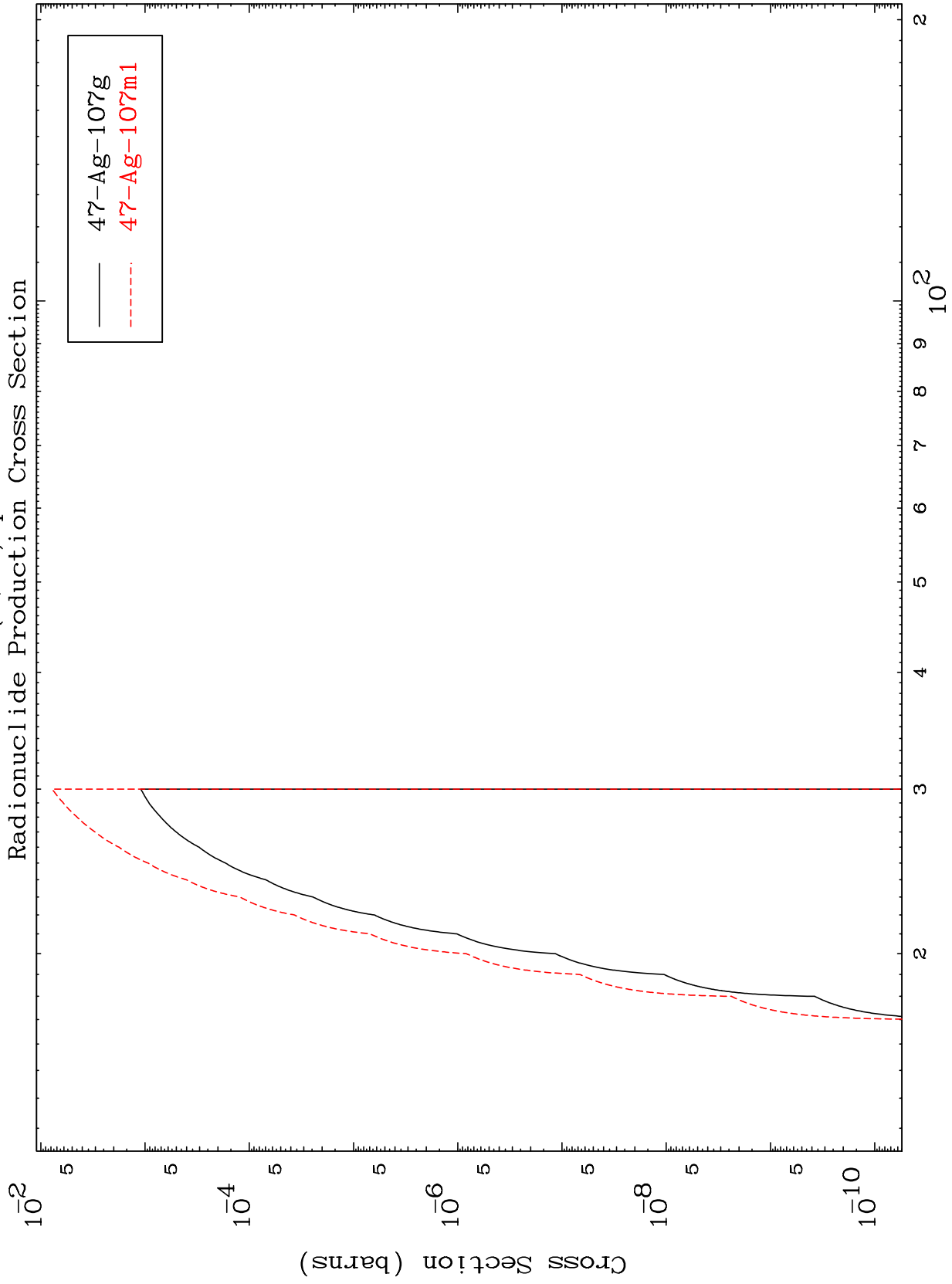
Incident Energy (MeV)

49-In-109

MAT 4913

(n,2n) p

49-In-109



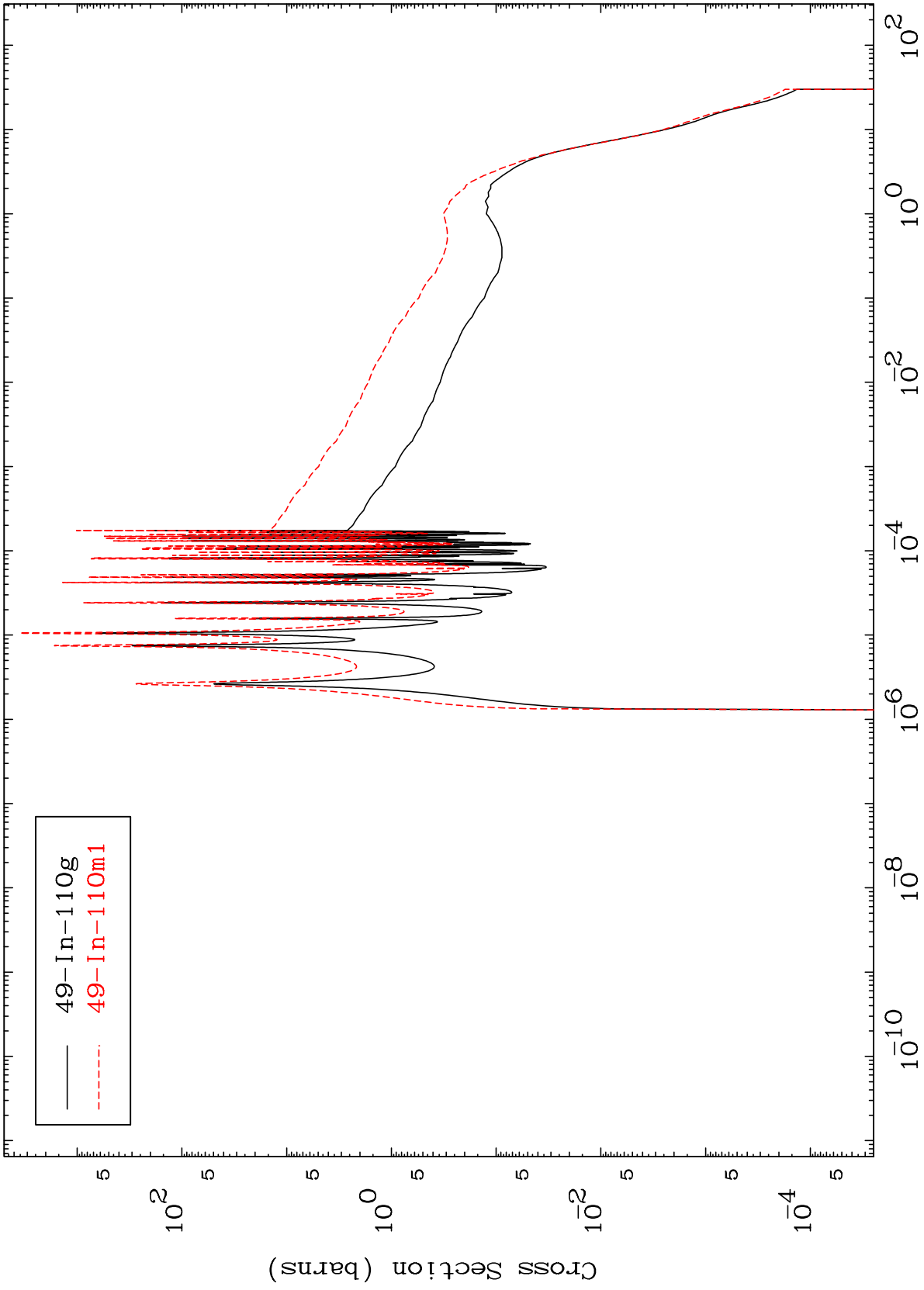
138

49-In-109

MAT 4913

49-In-109

(n,γ)
Radionuclide Production Cross Section



139

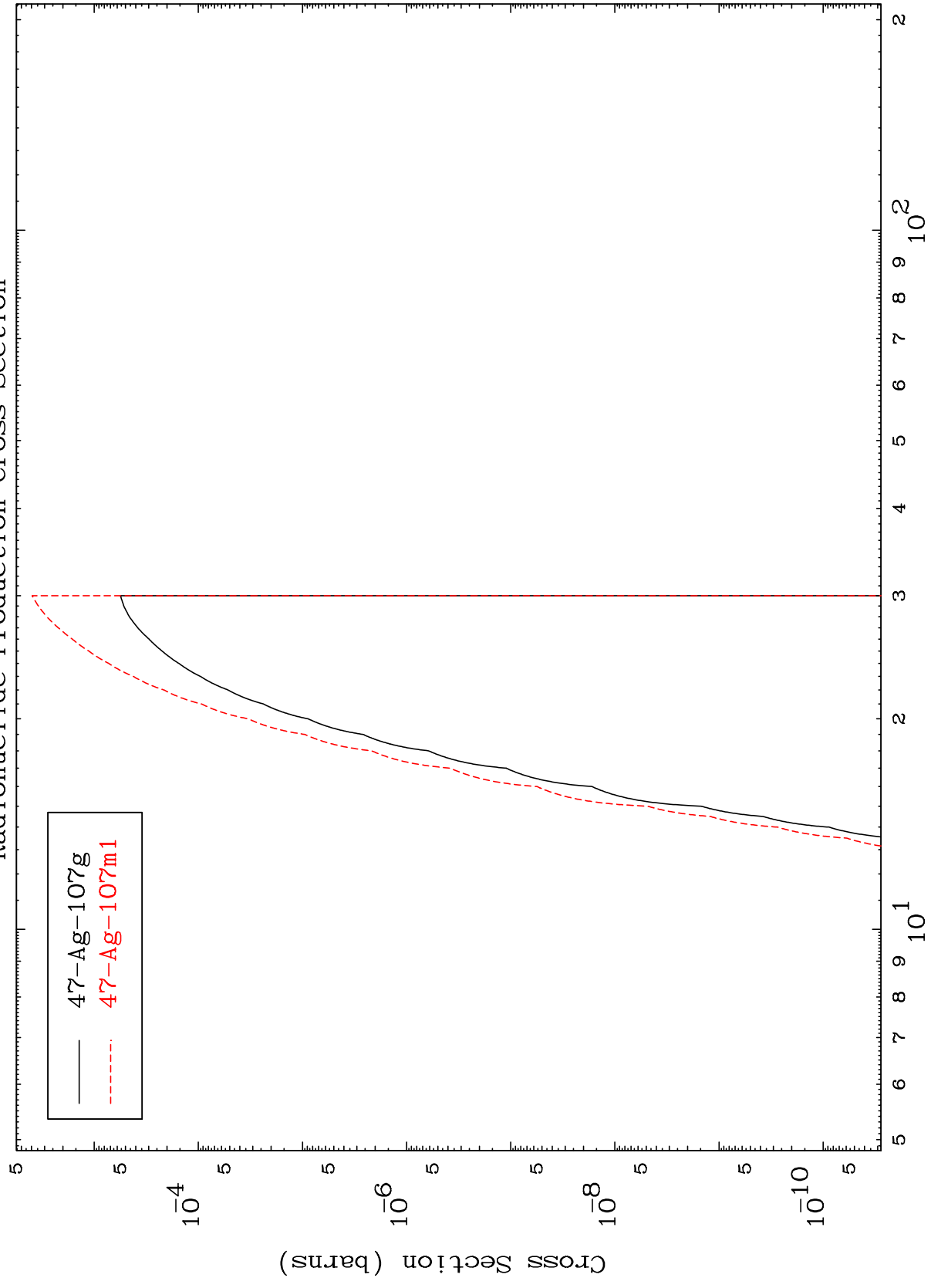
49-In-109

MAT 4913

(n, He-3)

49-In-109

Radionuclide Production Cross Section



— 47-Ag-107g
- - - 47-Ag-107m1

140

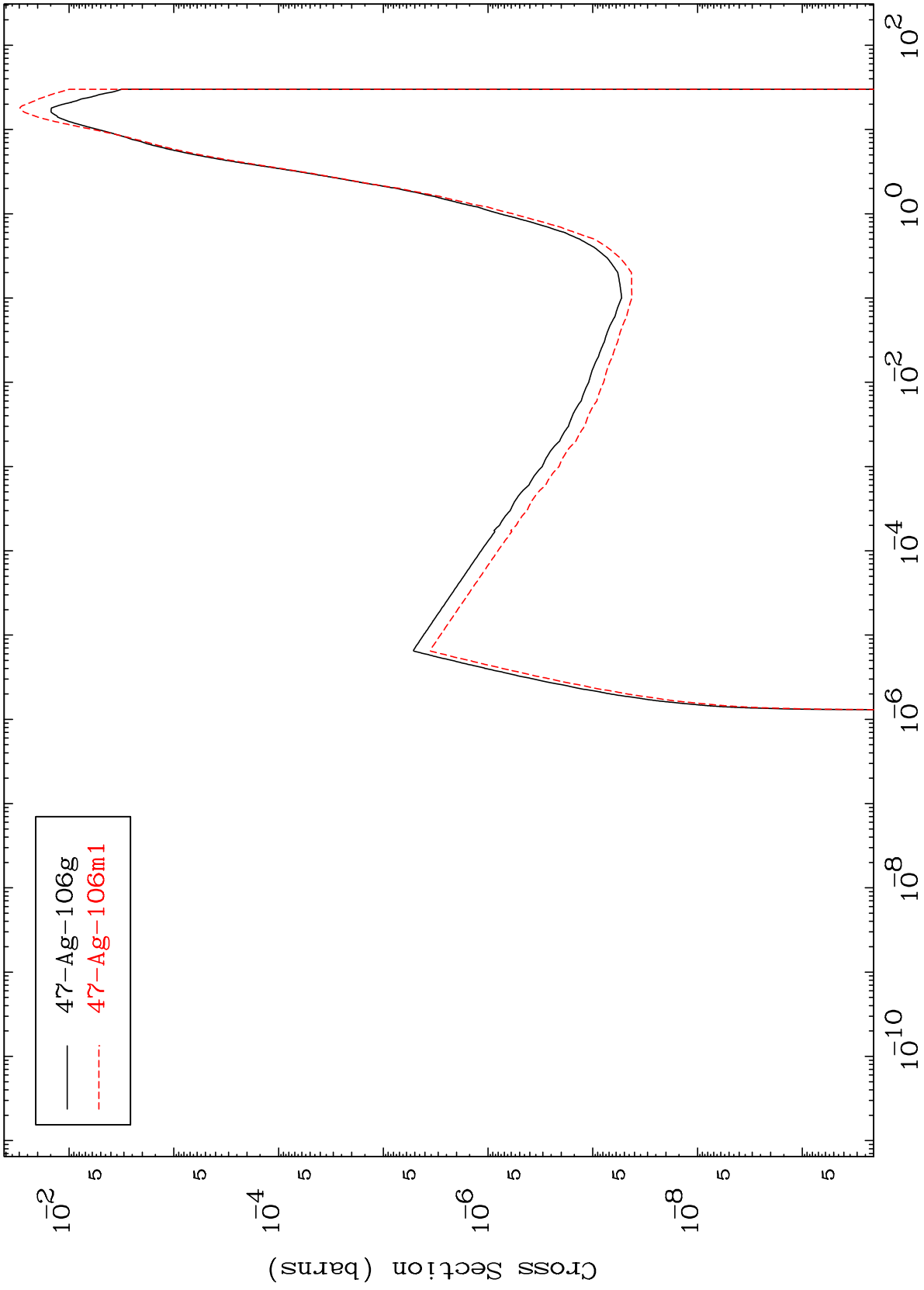
Incident Energy (MeV)

49-In-109

MAT 4913

Radionuclide Production Cross Section
(n, α)

49-In-109



141

Incident Energy (MeV)

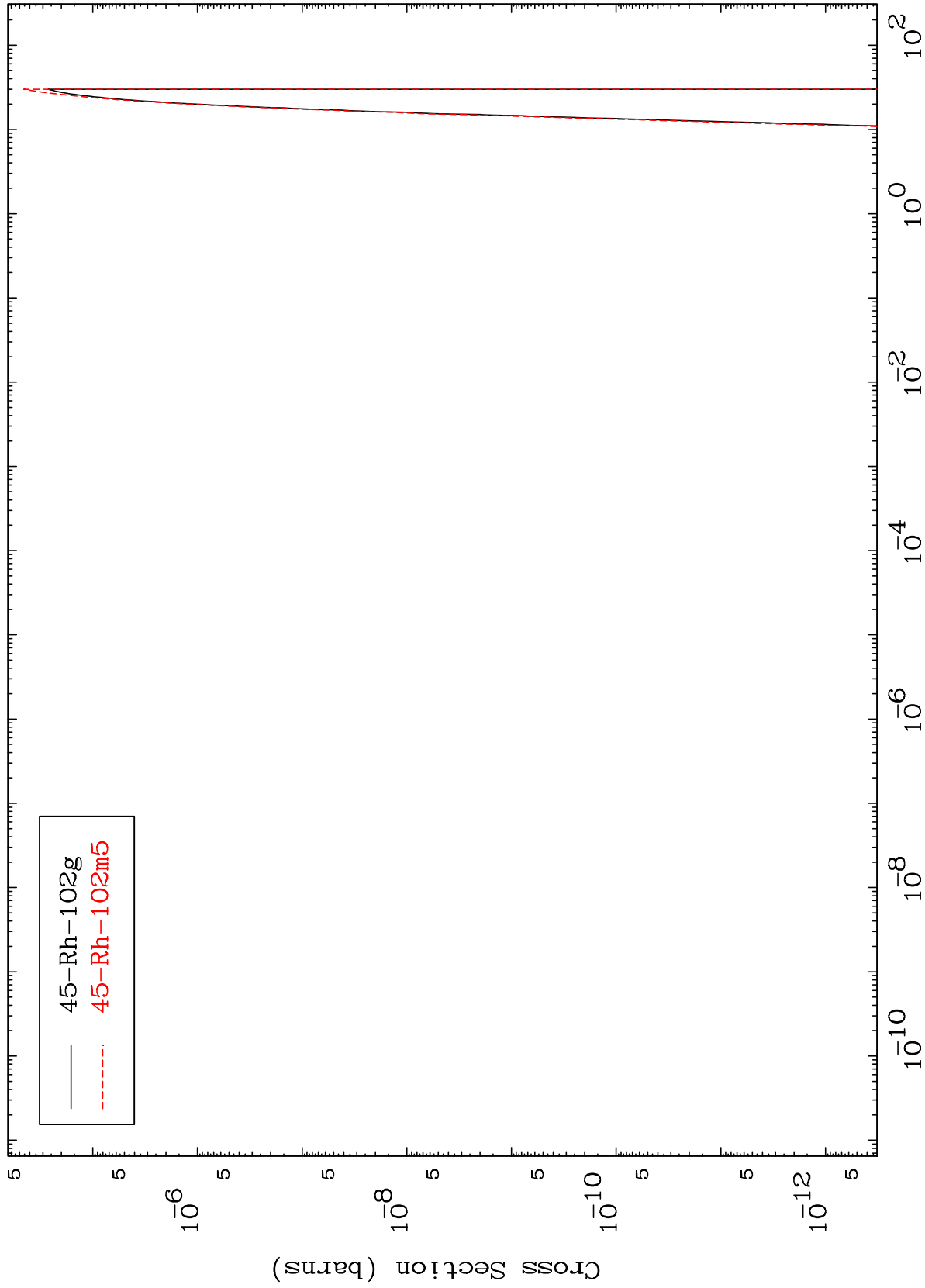
49-In-109

MAT 4913

(n,2α)

49-In-109

Radionuclide Production Cross Section



142

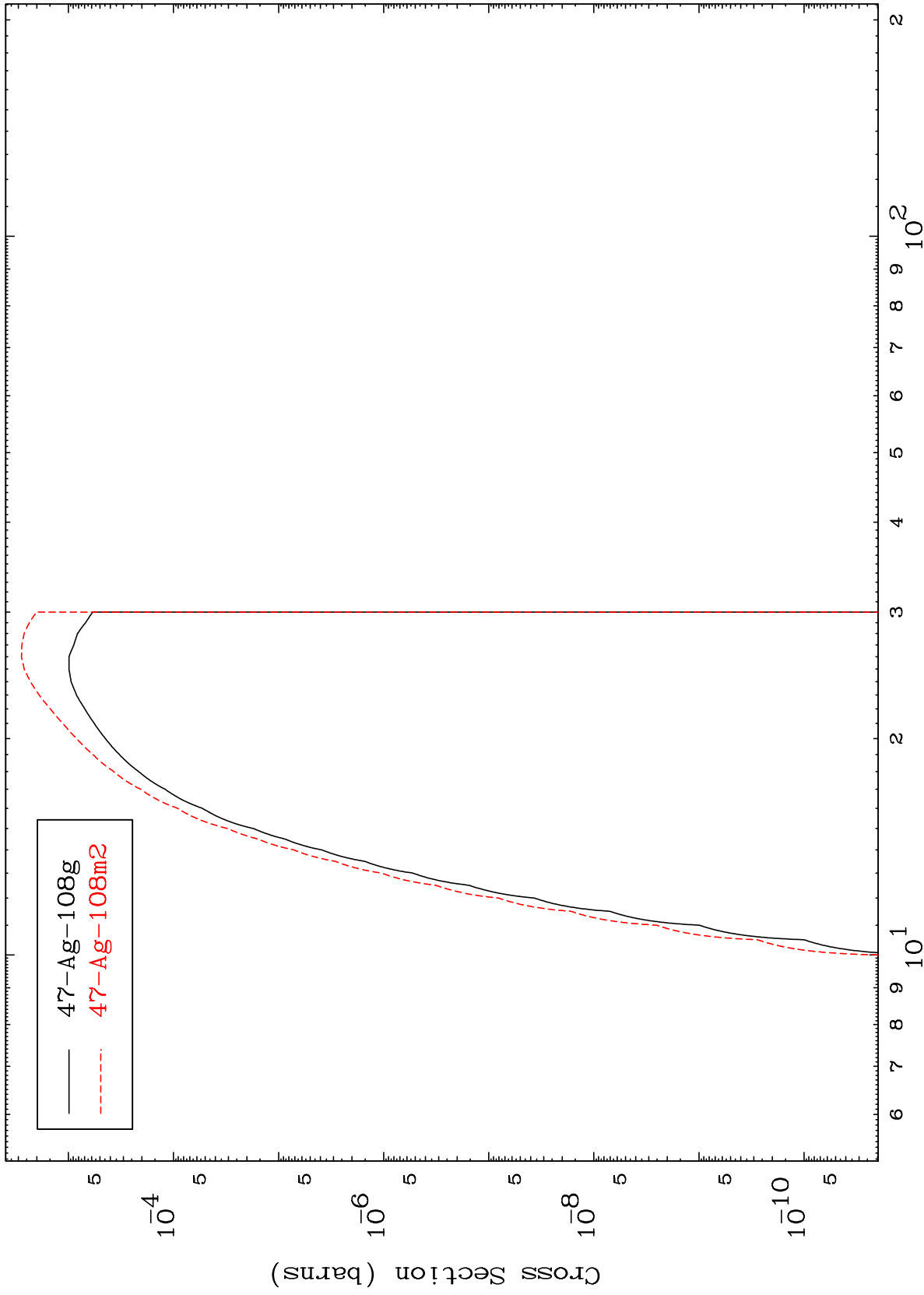
Incident Energy (MeV)

49-In-109

MAT 4913

49-In-109

Radionuclide Production Cross Section (n,2p)



143

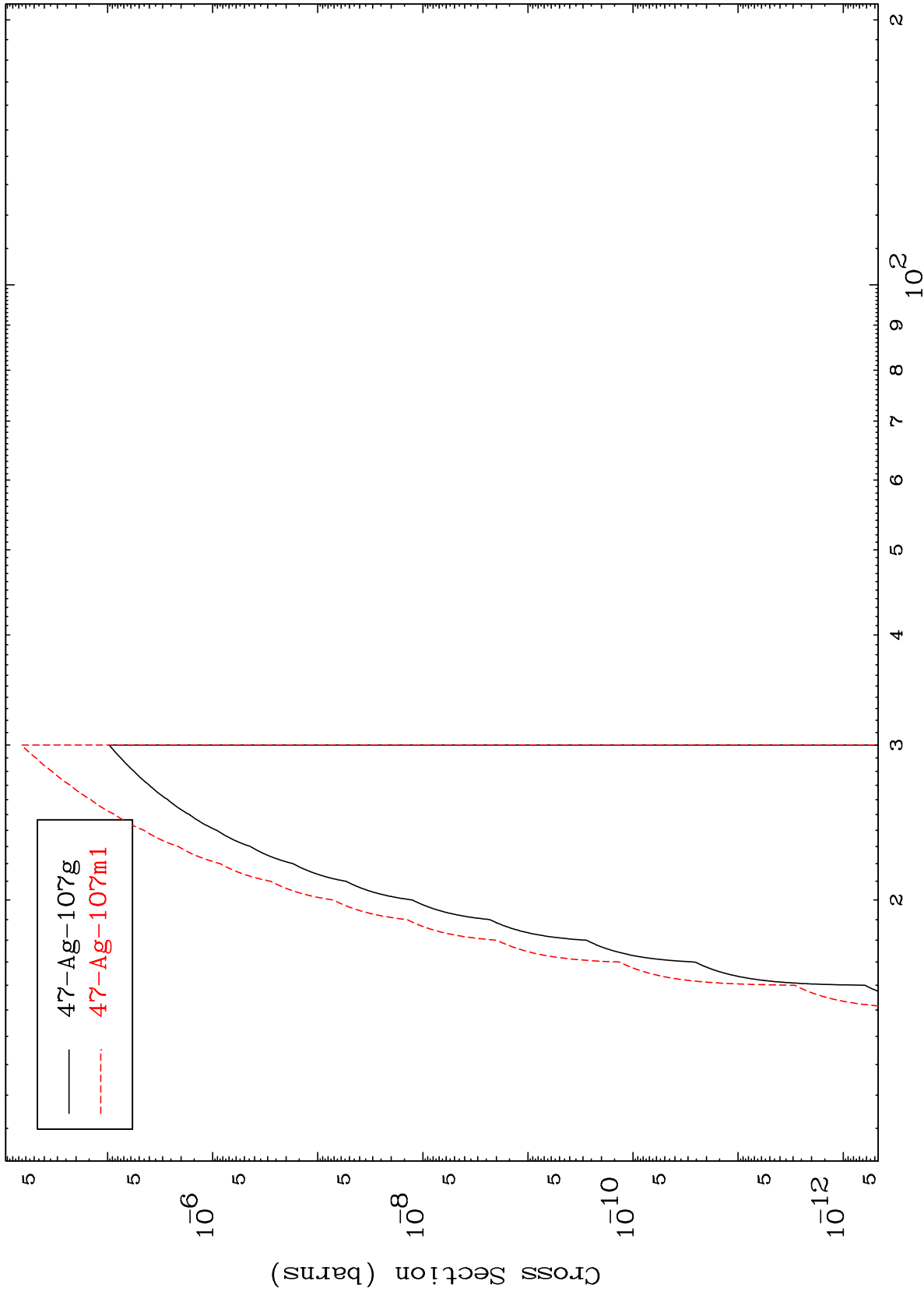
49-In-109

MAT 4913

(n,p) d

49-In-109

Radionuclide Production Cross Section



144

Incident Energy (MeV)

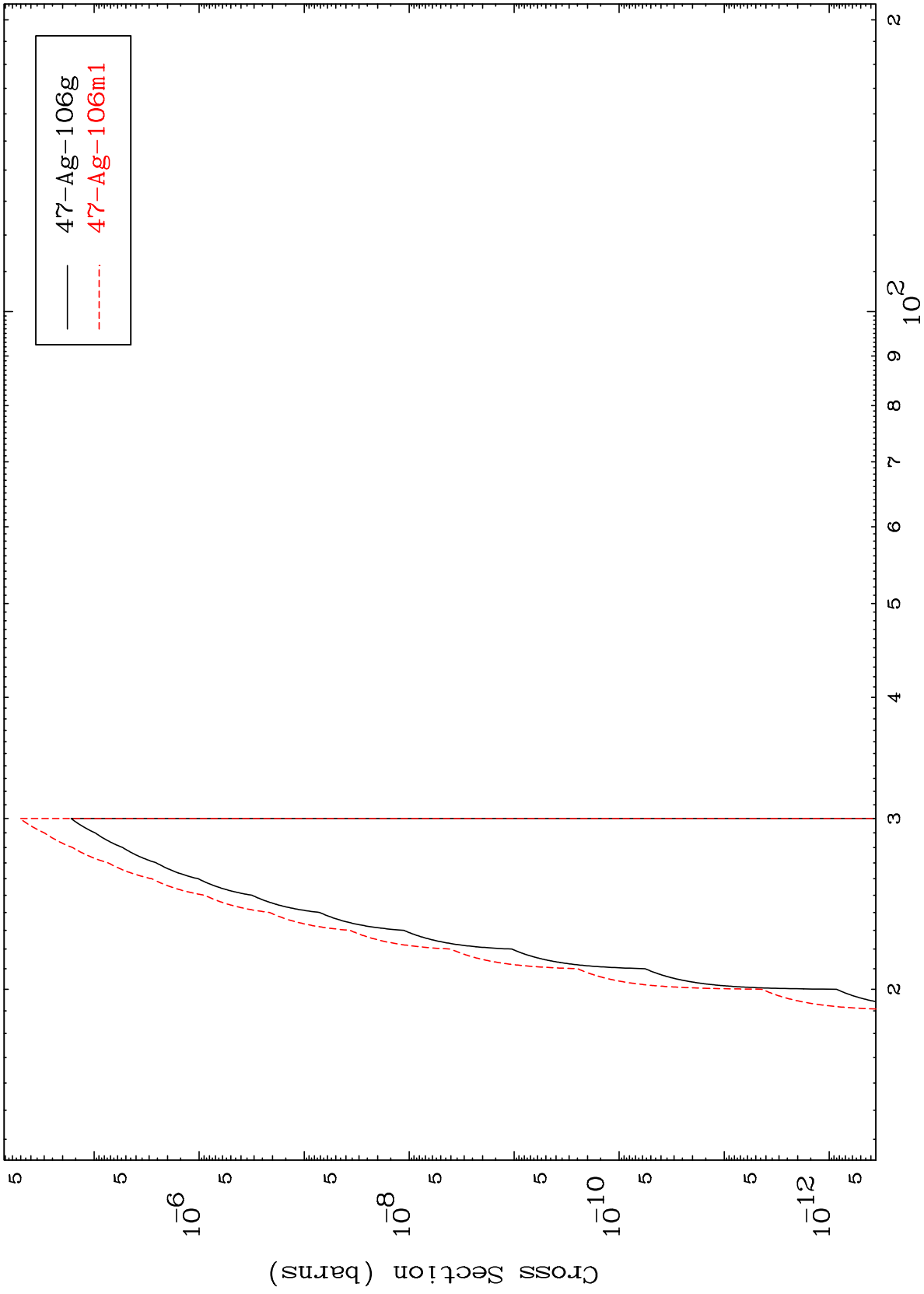
49-In-109

MAT 4913

(n,p) t

49-In-109

Radionuclide Production Cross Section



145

Incident Energy (MeV)

49-In-109