

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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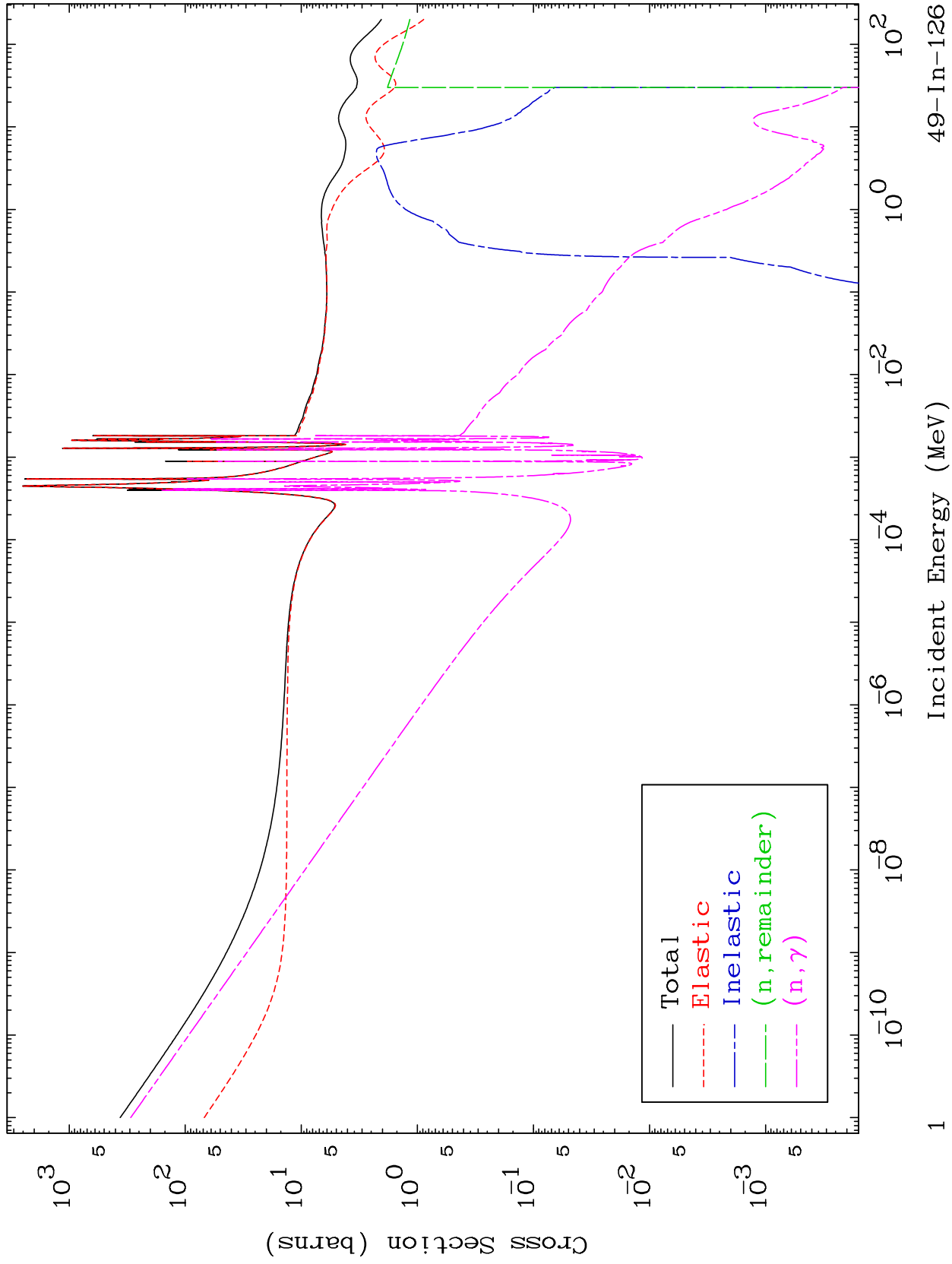
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

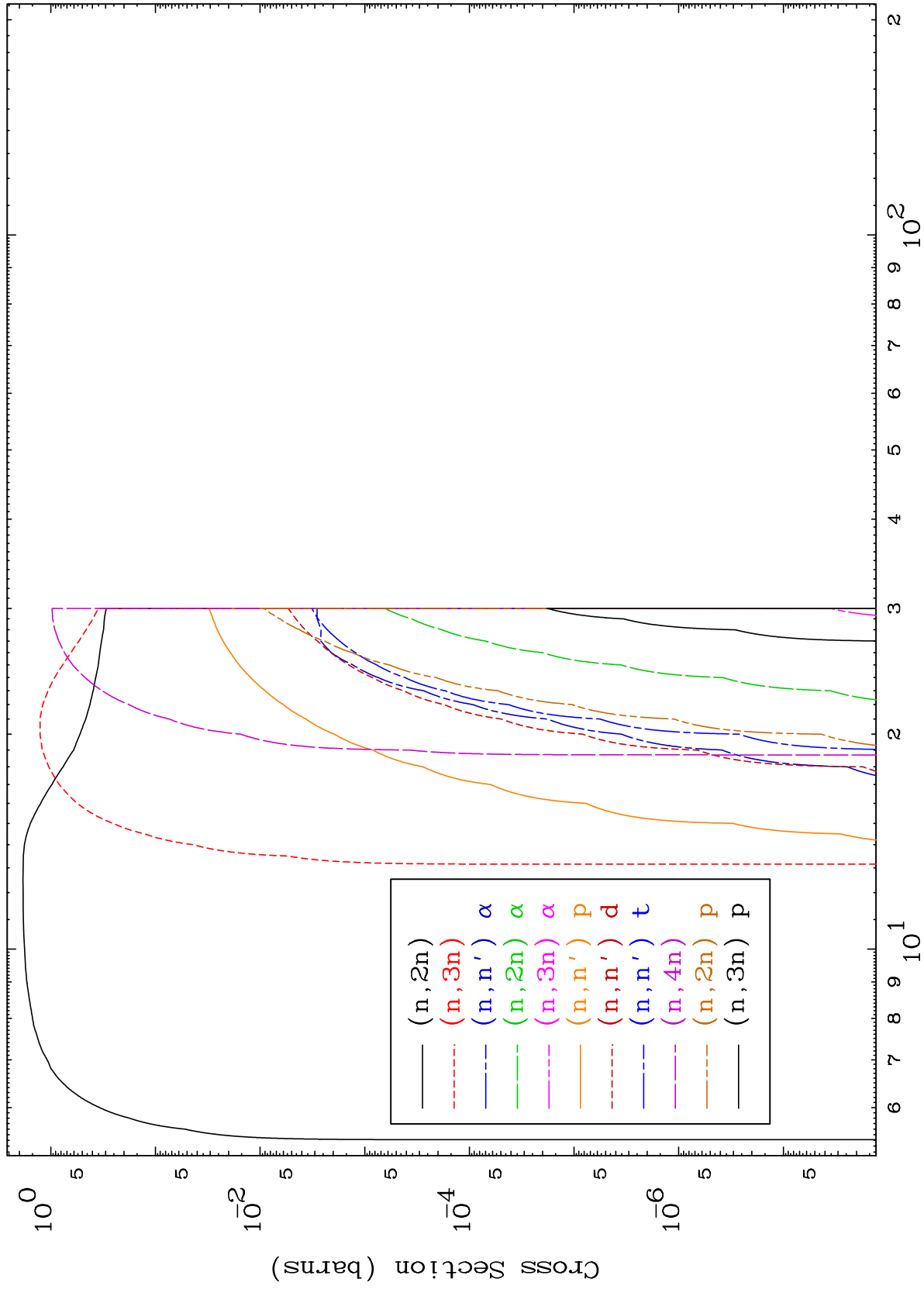
Press Mouse Button to Start

MAT 4964

Major  
293 Kelvin Cross Sections

49-In-126

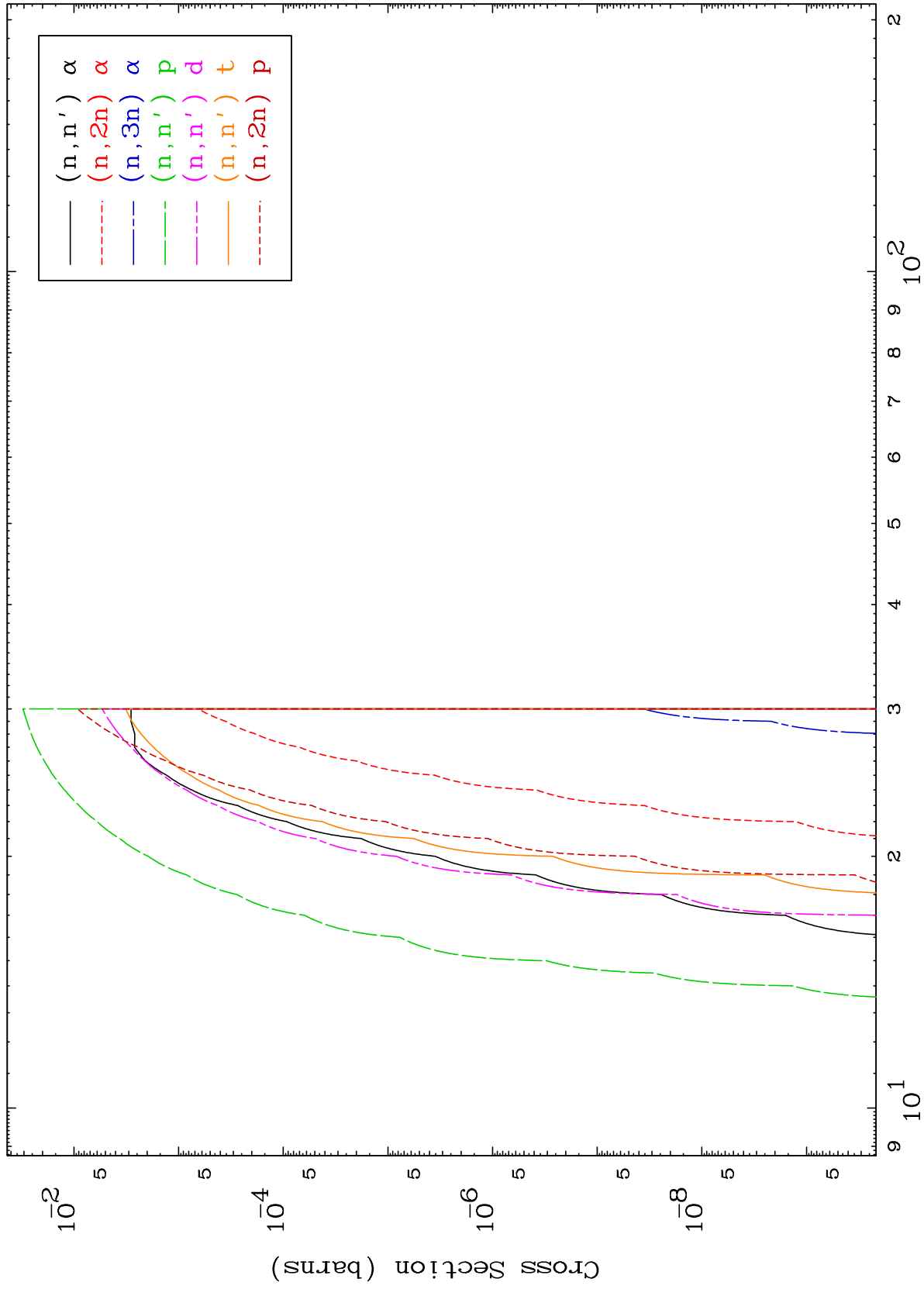




MAT 4964

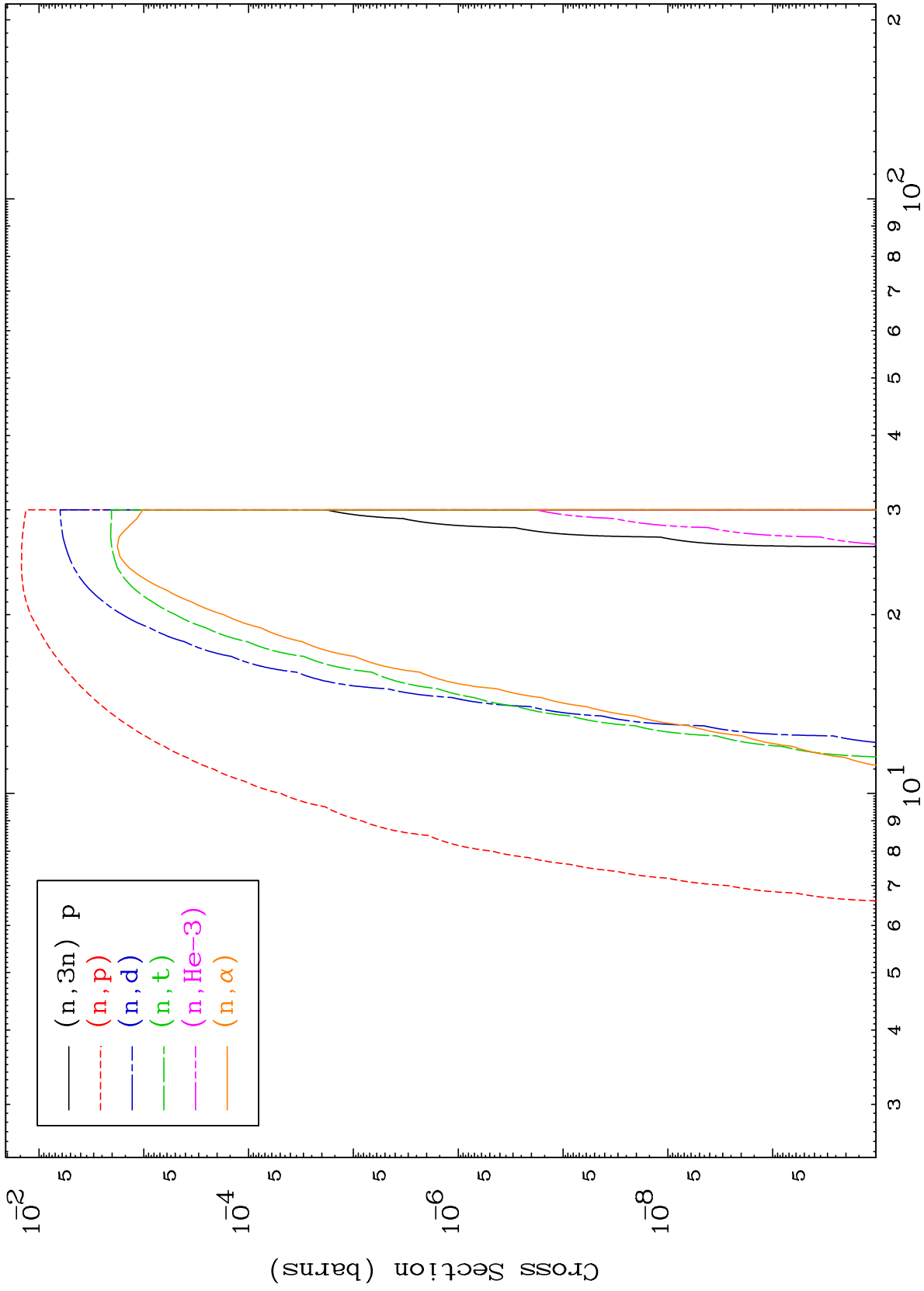
Charged Particle  
293 Kelvin Cross Sections

49-In-126



Incident Energy (MeV)

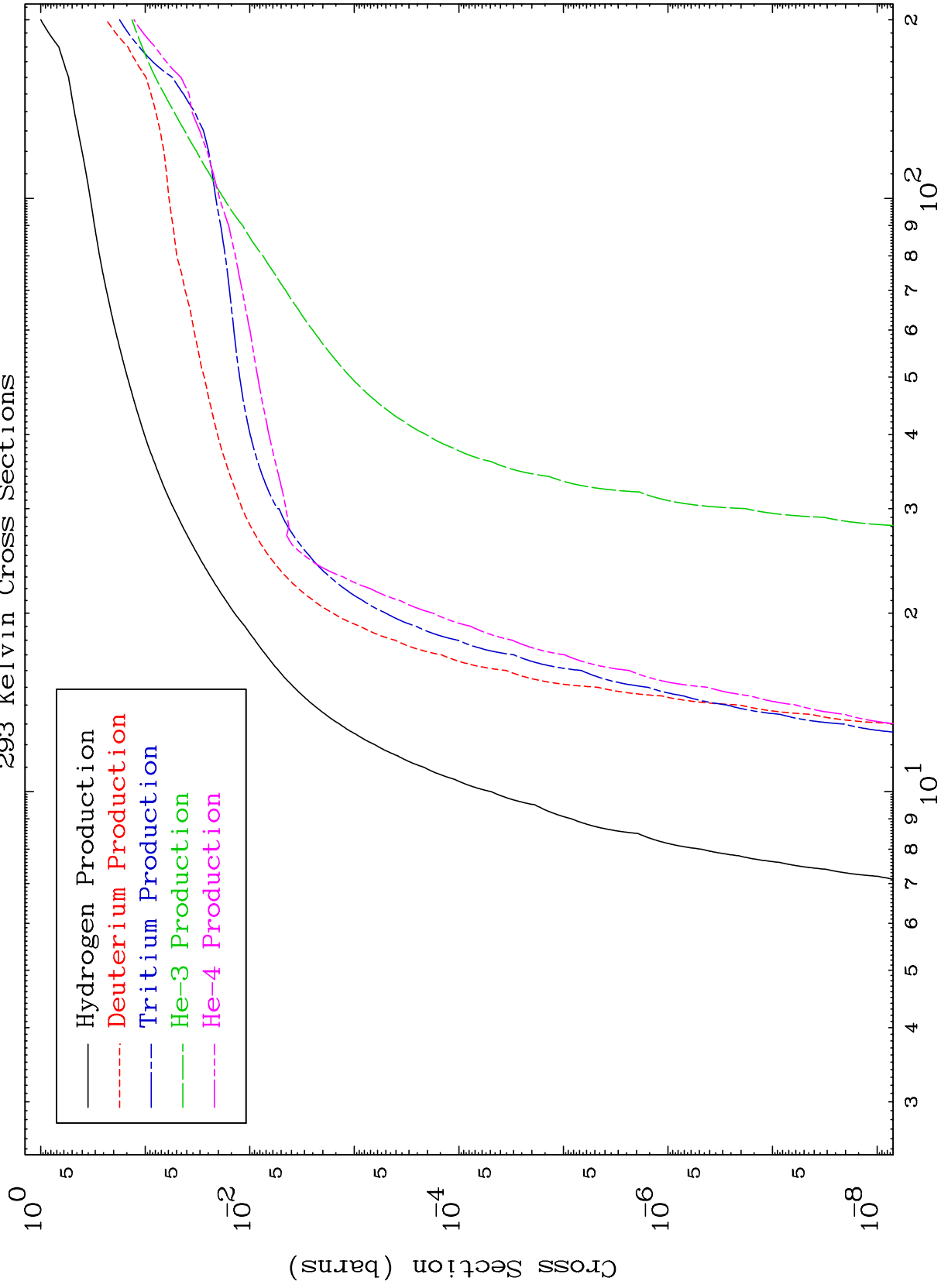
49-In-126



MAT 4964

Particle Production  
293 Kelvin Cross Sections

49-In-126



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Incident Energy (MeV)

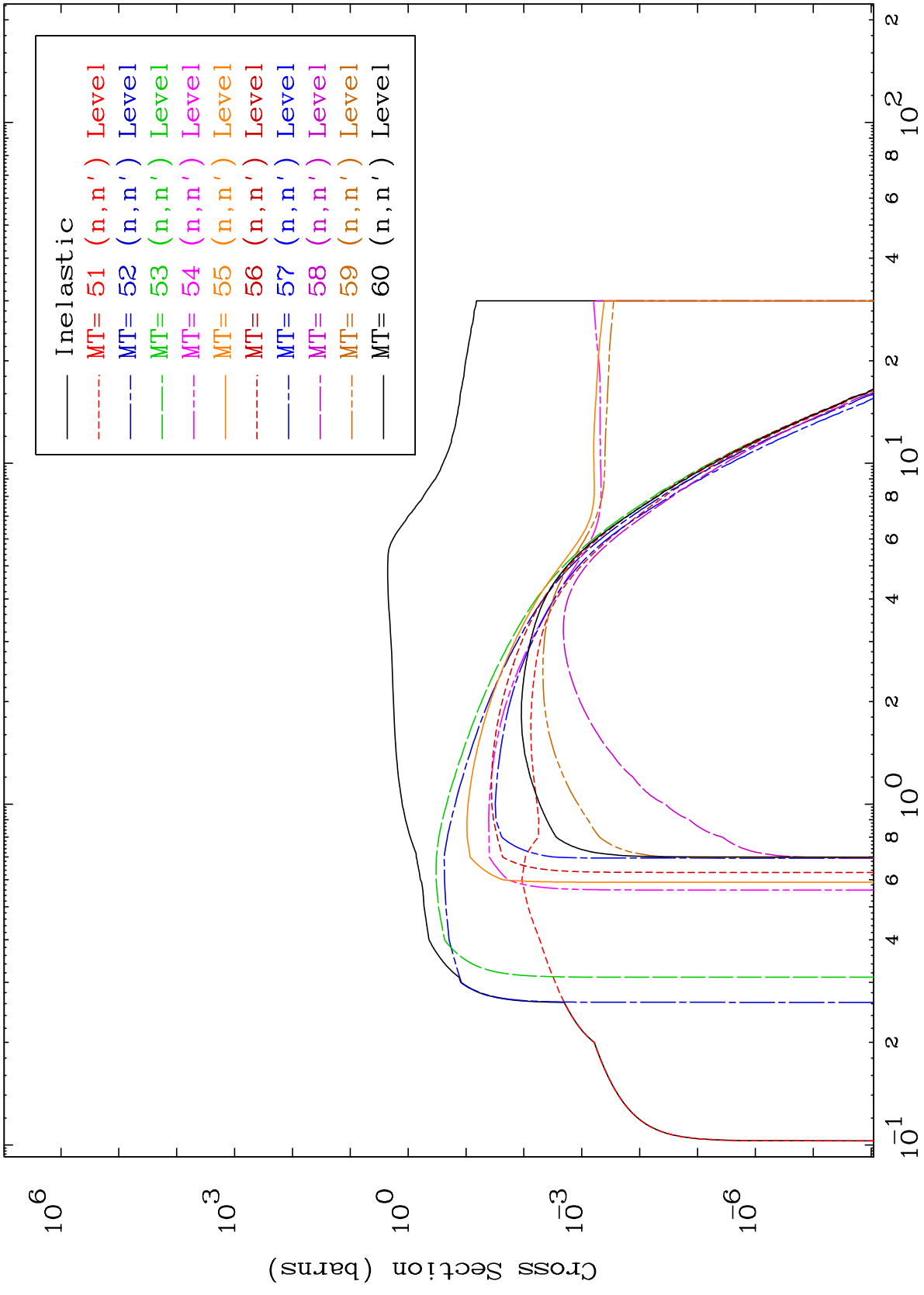
49-In-126

MAT 4964

(n,n') Level

49-In-126

293 Kelvin Cross Sections



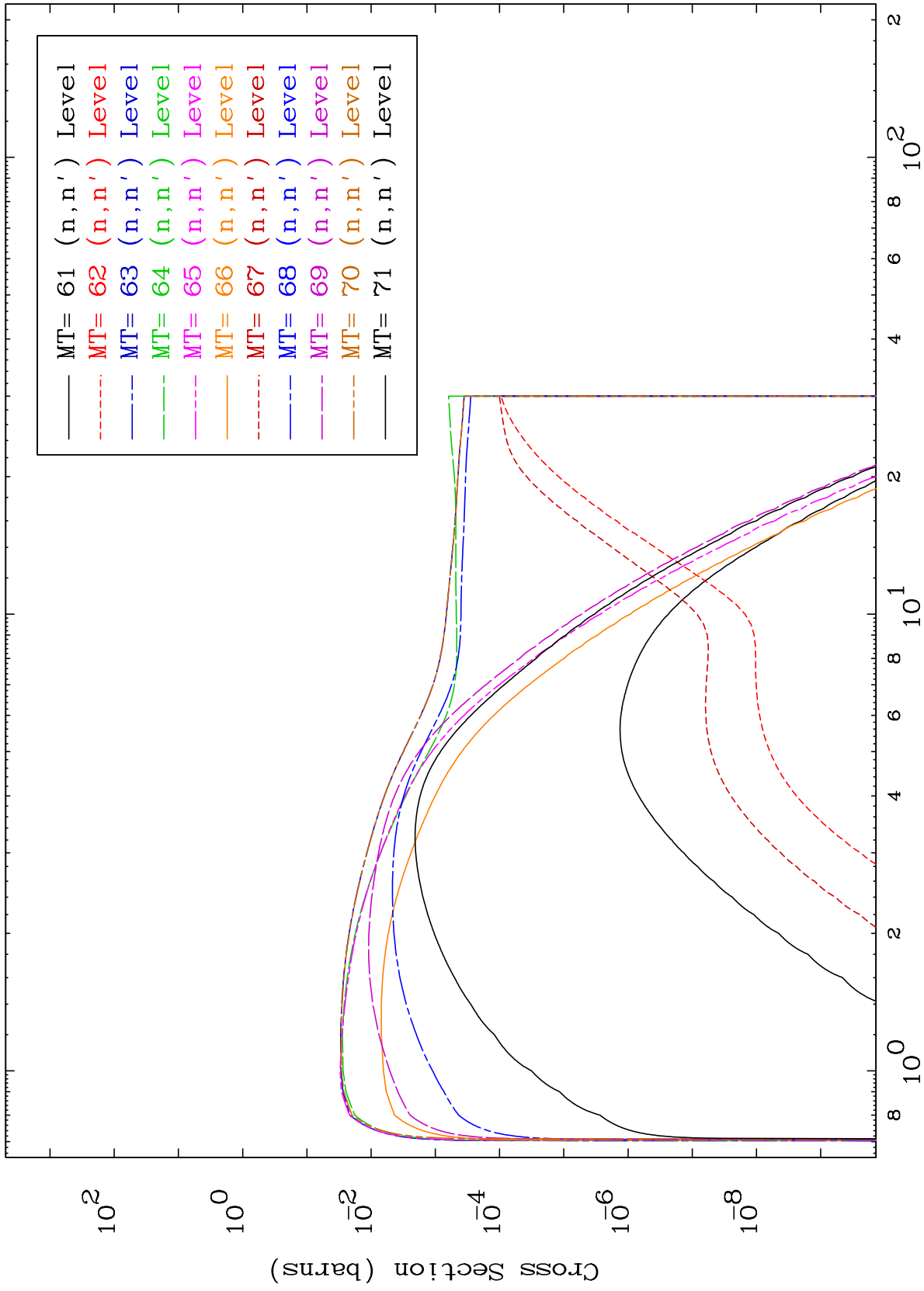
Incident Energy (MeV)

49-In-126

MAT 4964

(n,n') Level  
293 Kelvin Cross Sections

49-In-126



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Incident Energy (MeV)

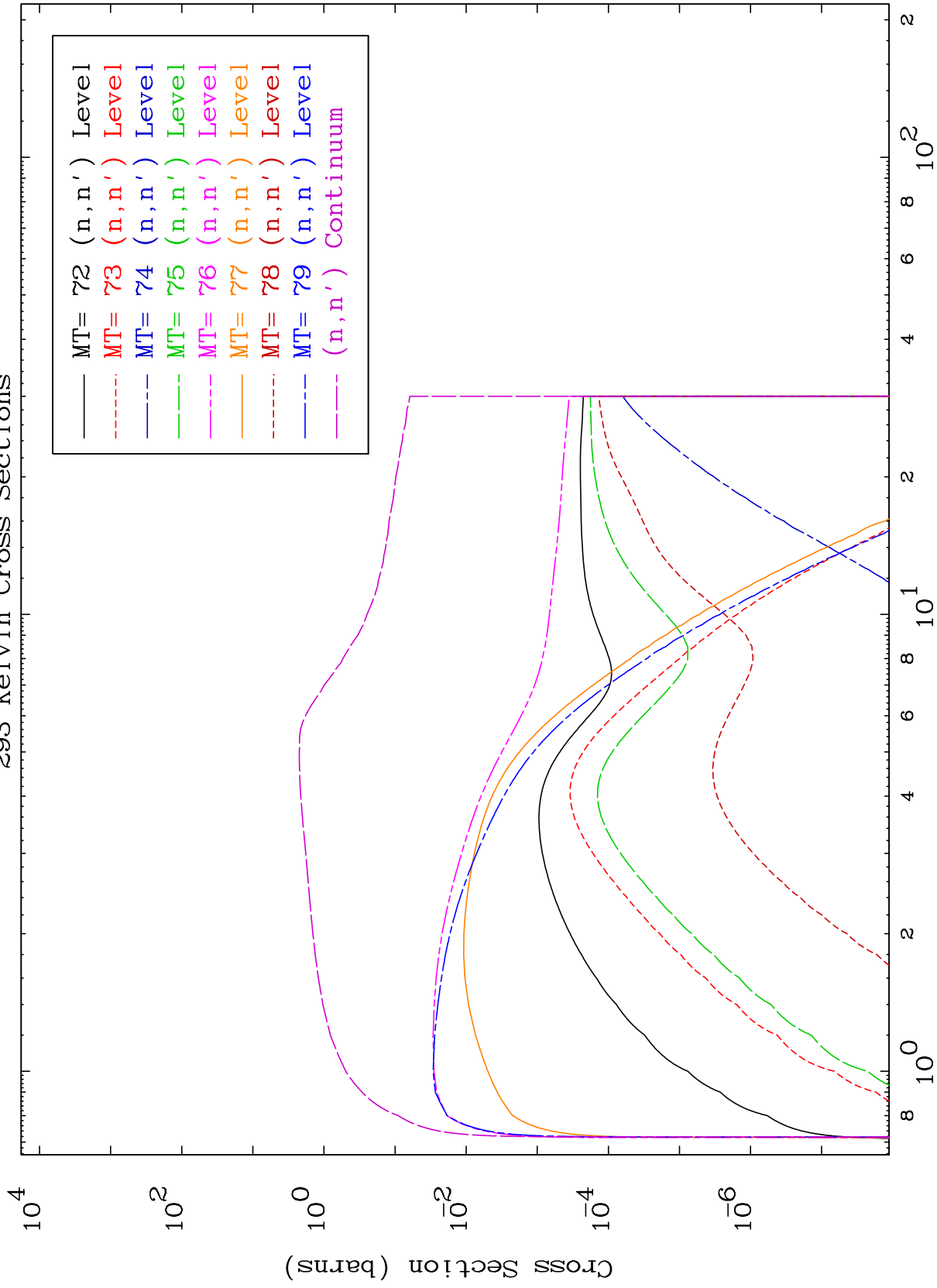
49-In-126



MAT 4964

(n,n') Level  
293 Kelvin Cross Sections

49-In-126



8

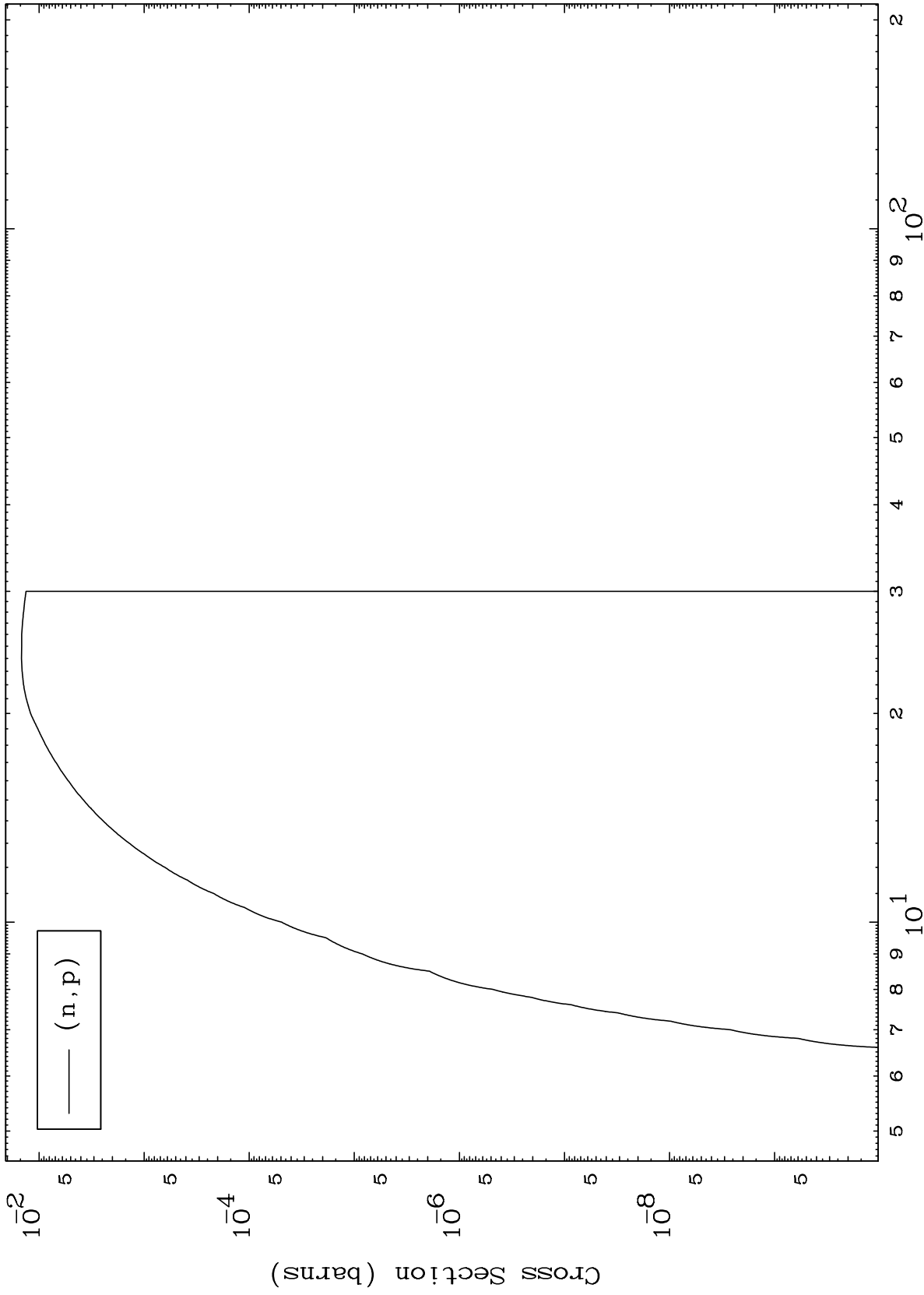
Incident Energy (MeV)

49-In-126

MAT 4964

(n,p) Levels  
293 Kelvin Cross Sections

49-In-126



9

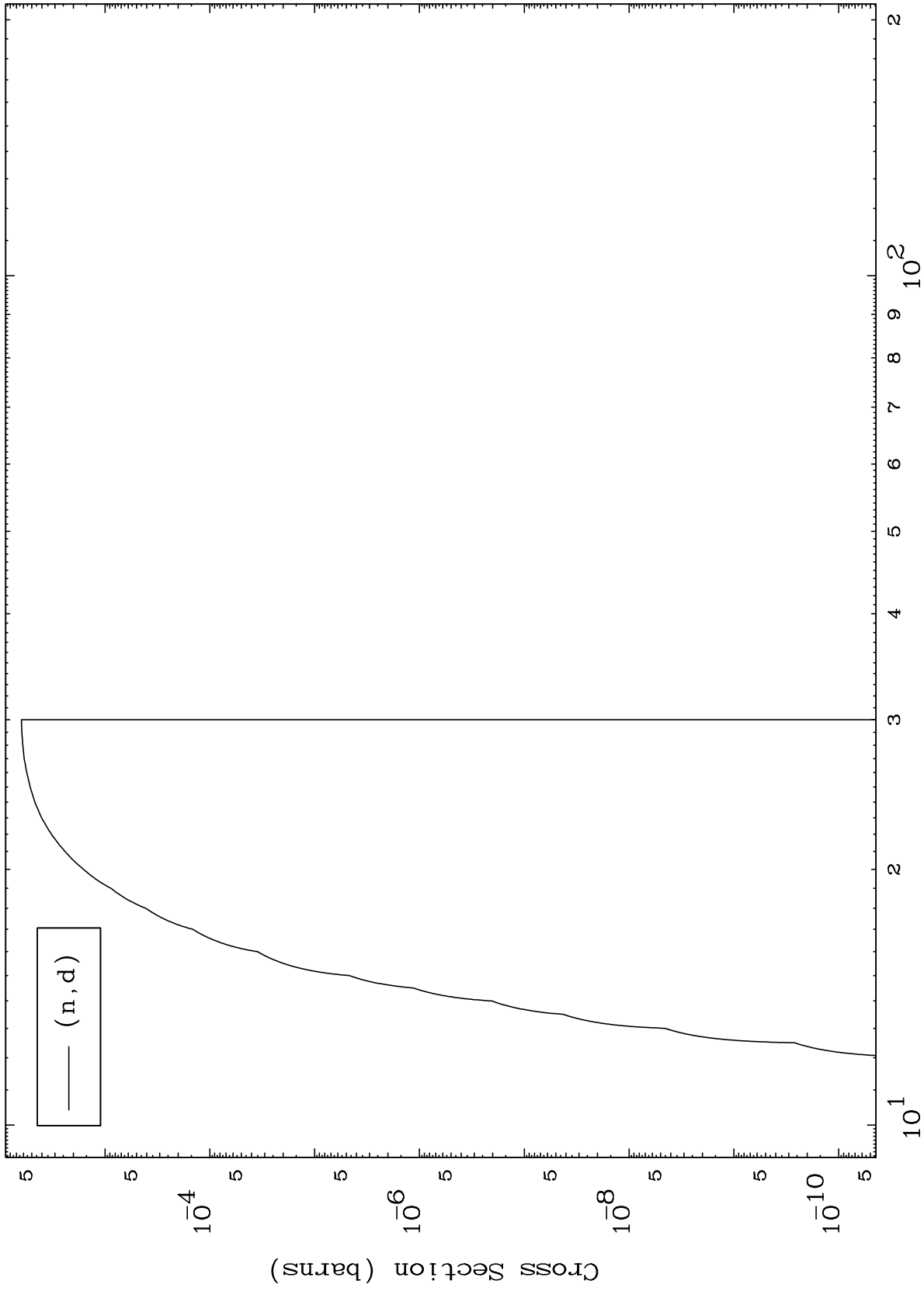
Incident Energy (MeV)

49-In-126

MAT 4964

(n,d) Levels  
293 Kelvin Cross Sections

49-In-126



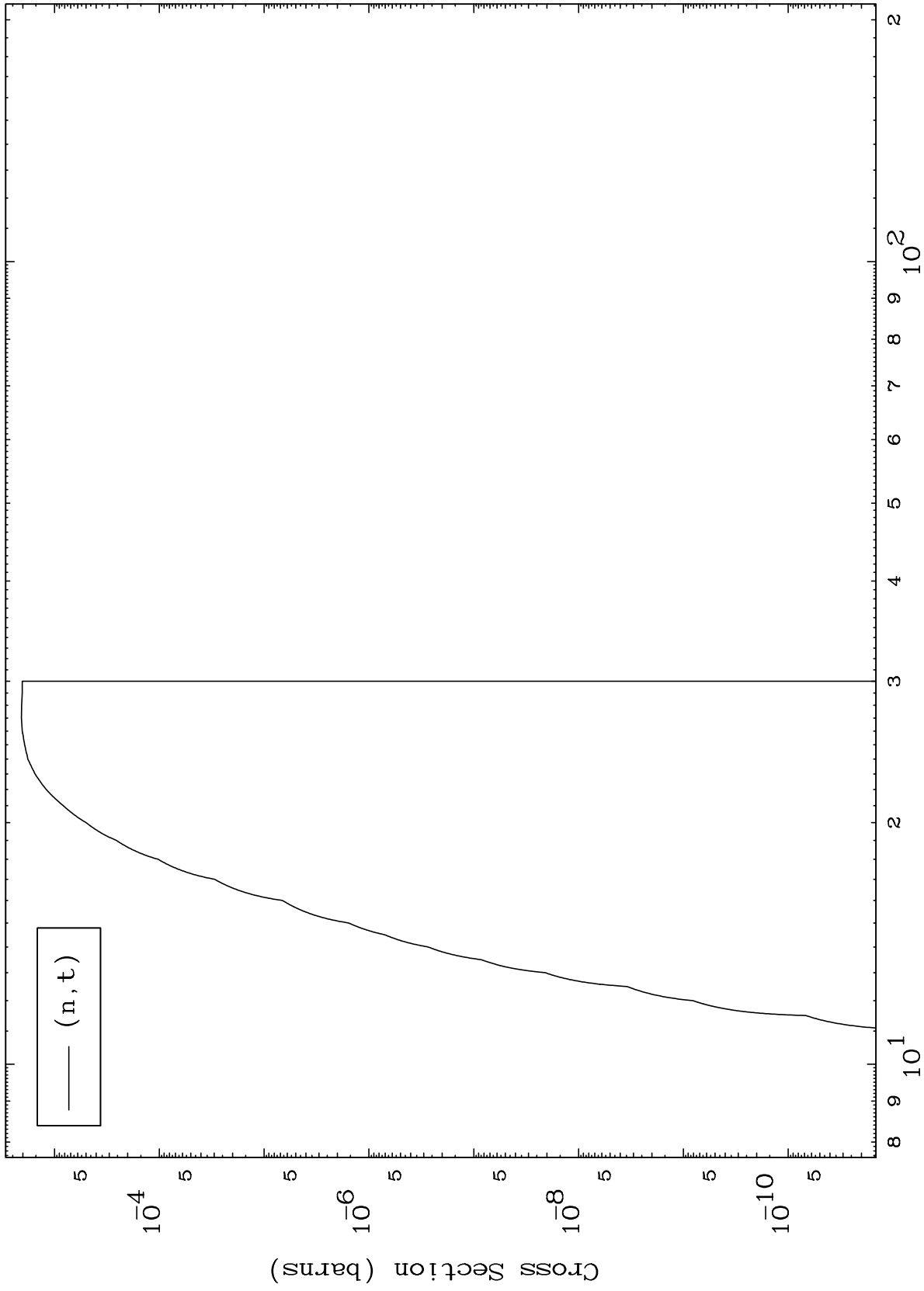
Incident Energy (MeV)

49-In-126

MAT 4964

(n,t) Levels  
293 Kelvin Cross Sections

49-In-126



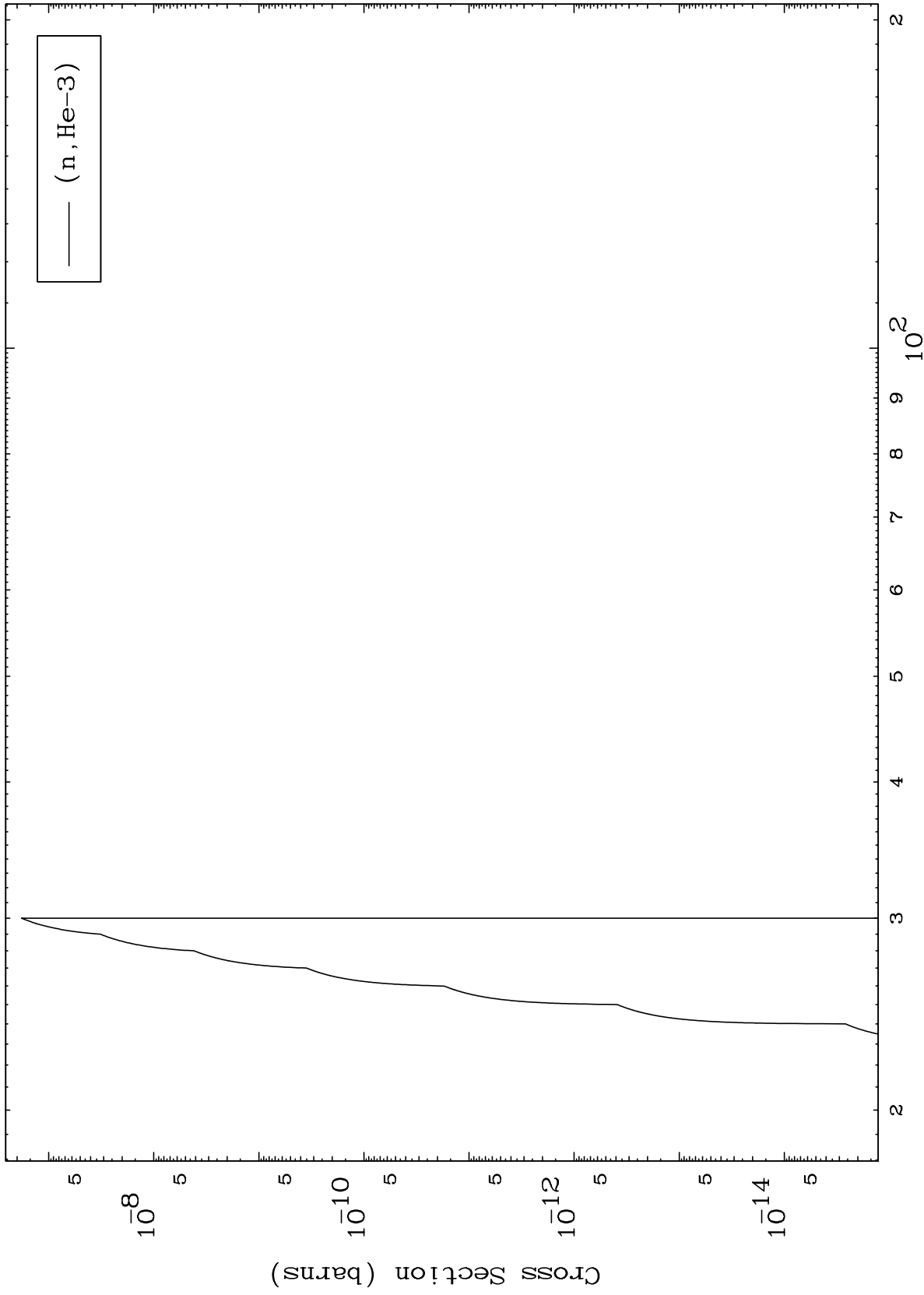
11

49-In-126

MAT 4964

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-126



(n, He-3)

12

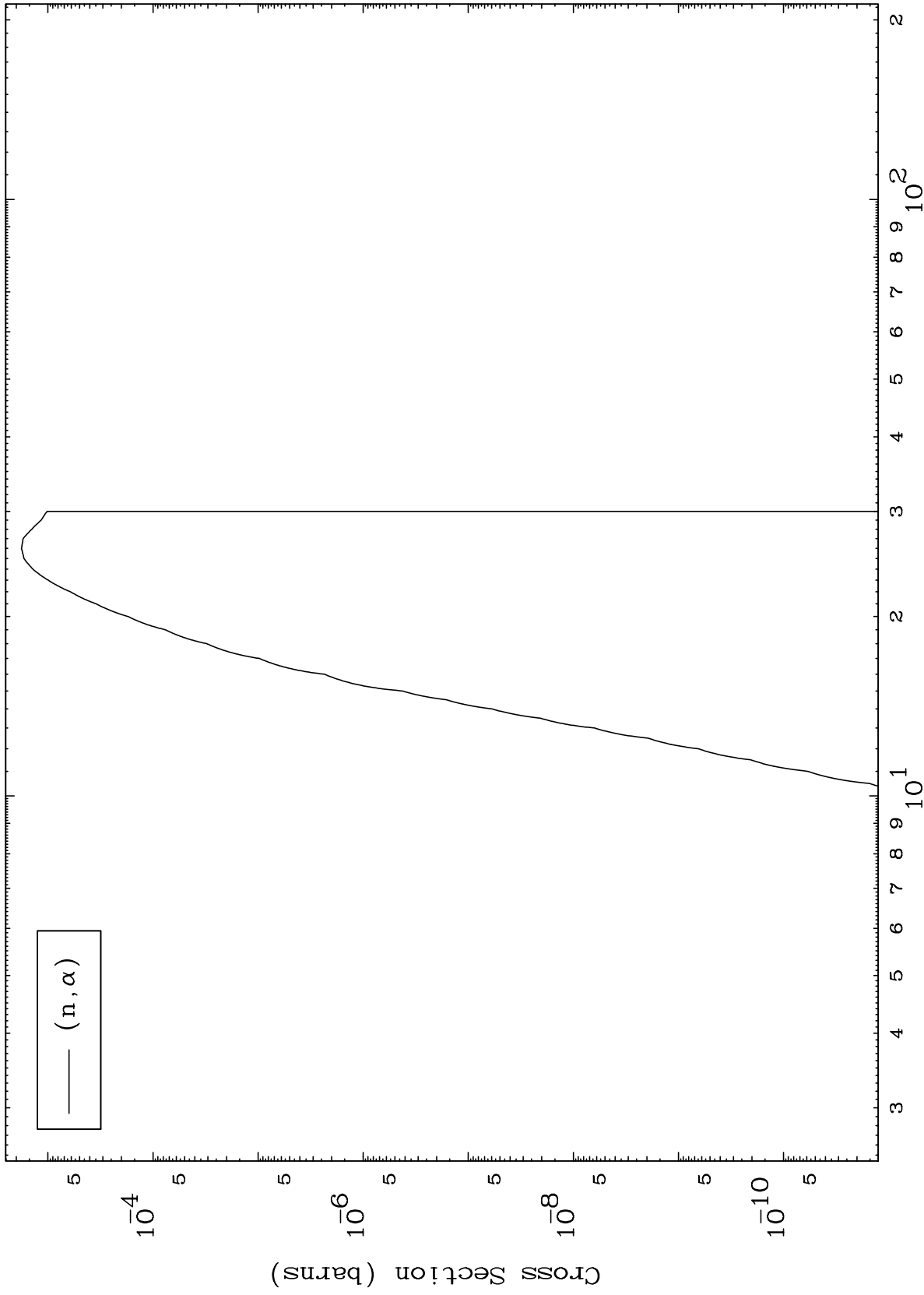
Incident Energy (MeV)

49-In-126

MAT 4964

(n,α) Levels  
293 Kelvin Cross Sections

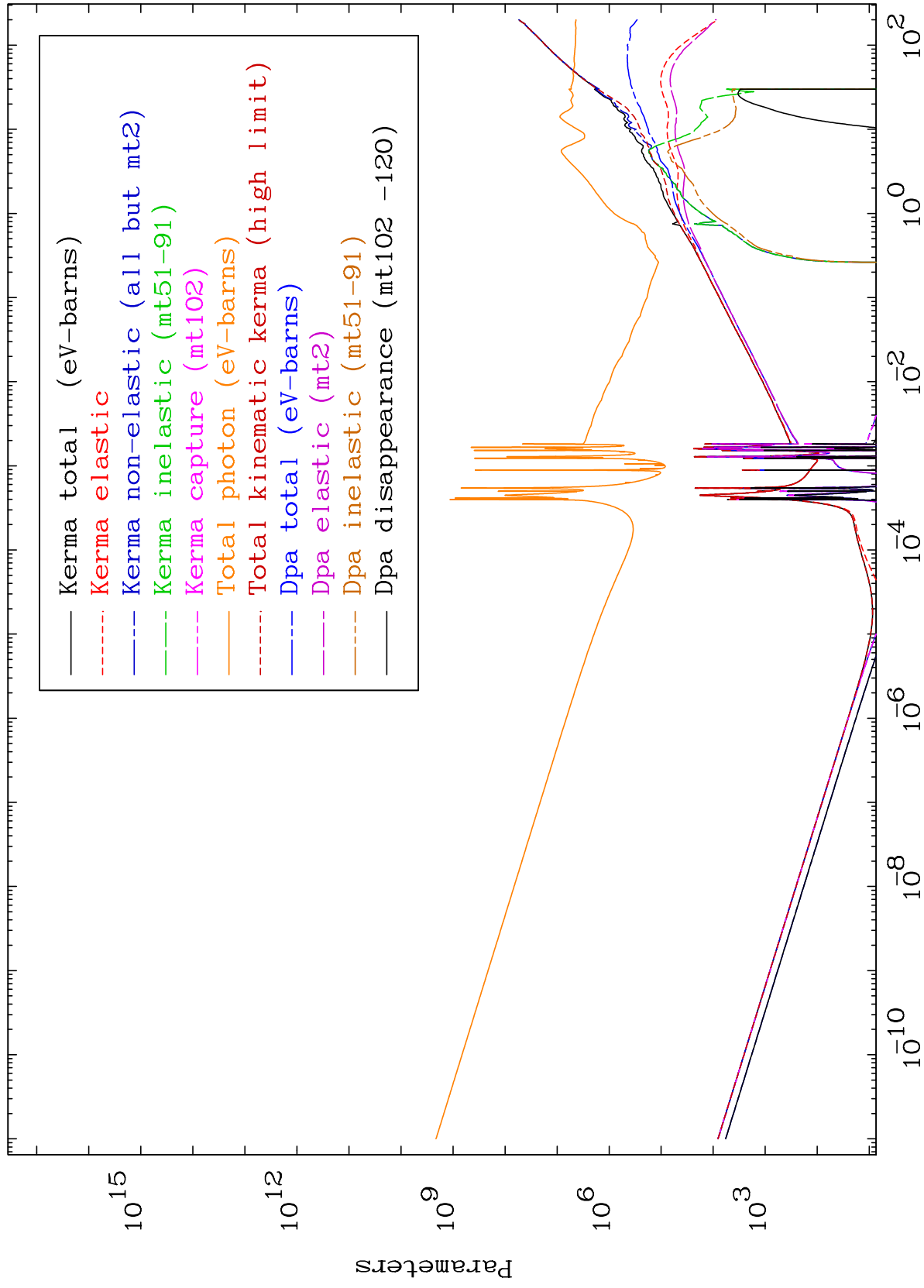
49-In-126



13

Incident Energy (MeV)

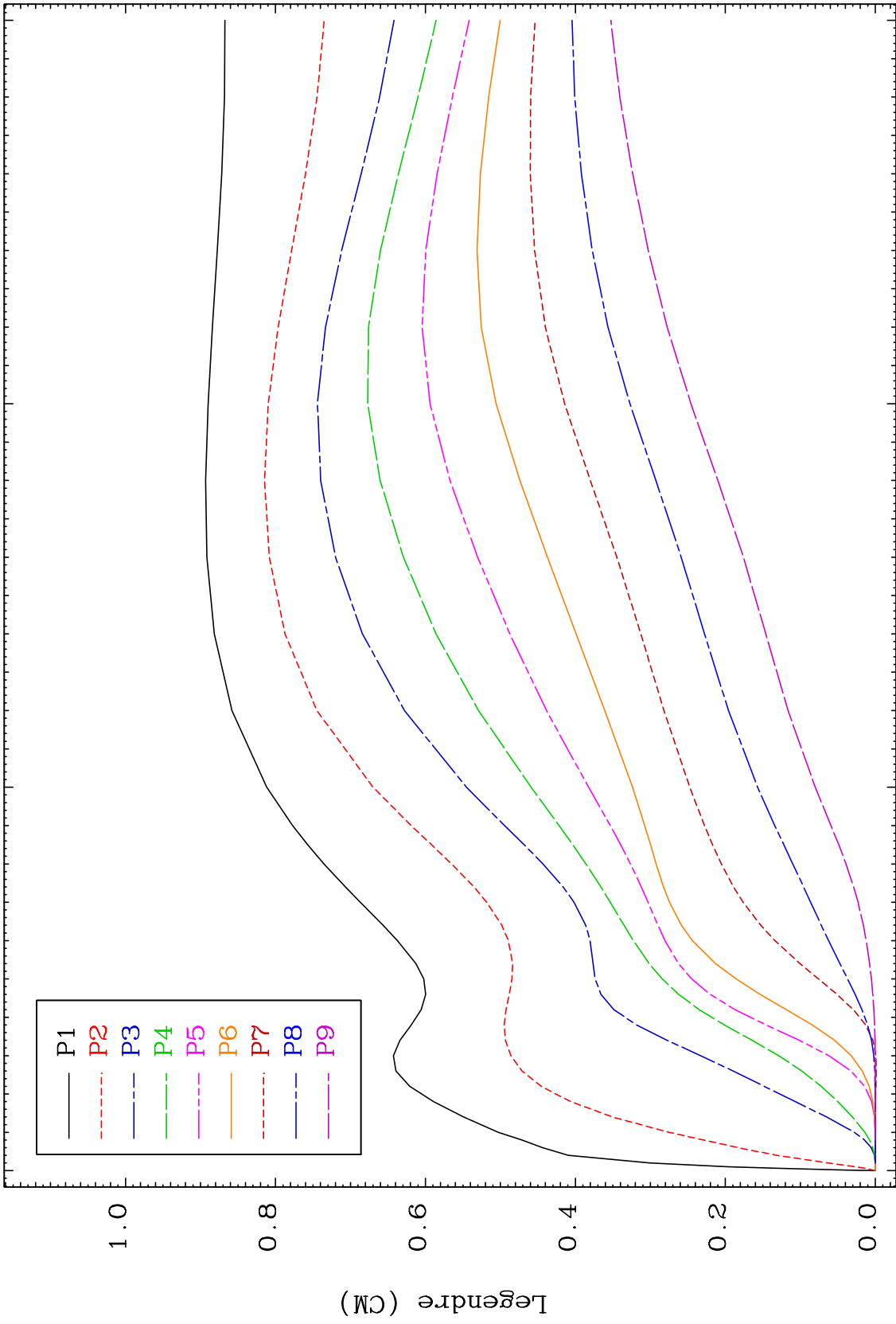
49-In-126



MAT 4964

Elastic Legendre Coefficients

49-In-126



15

10

20

30

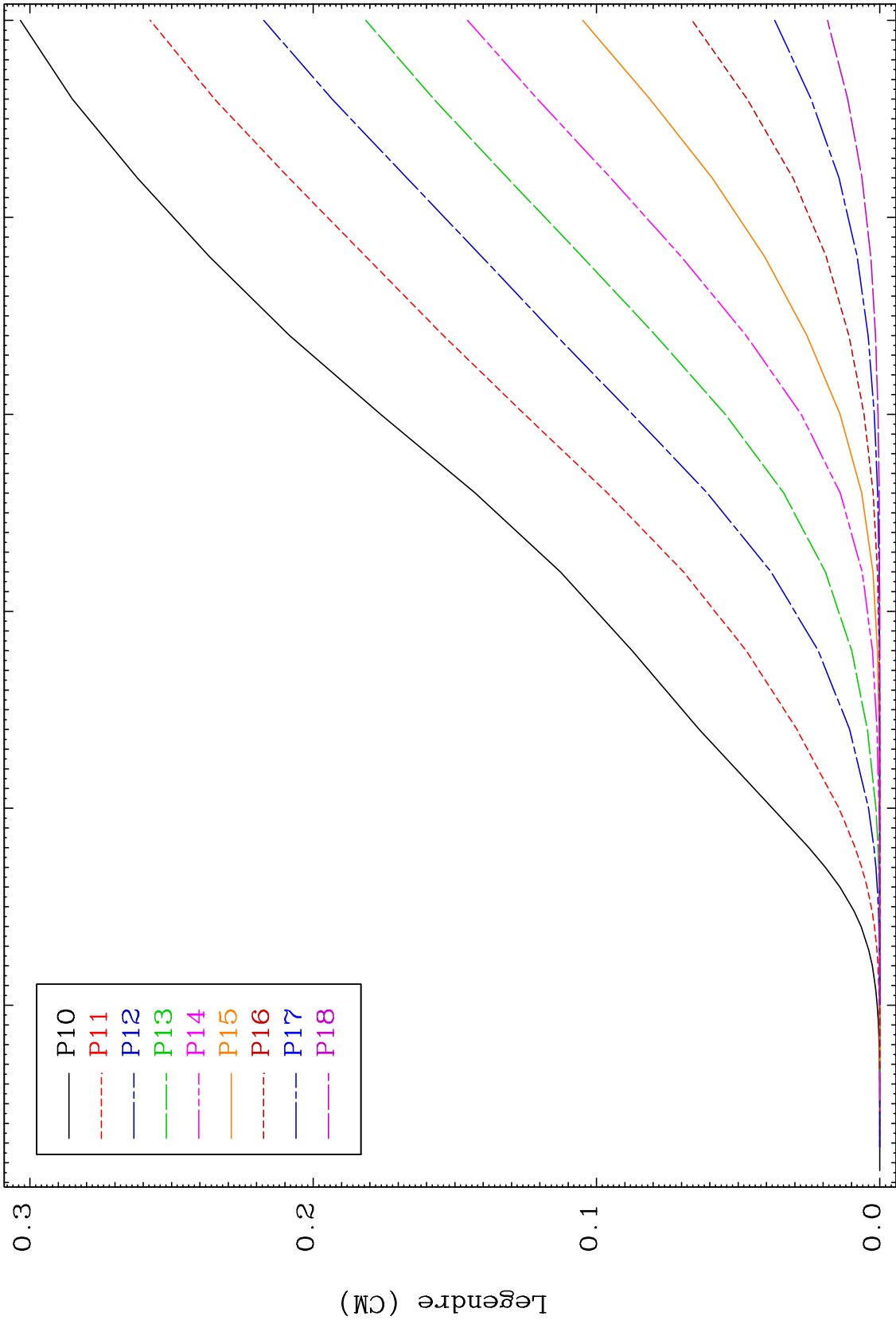
49-In-126



MAT 4964

Elastic Legendre Coefficients

49-In-126



16

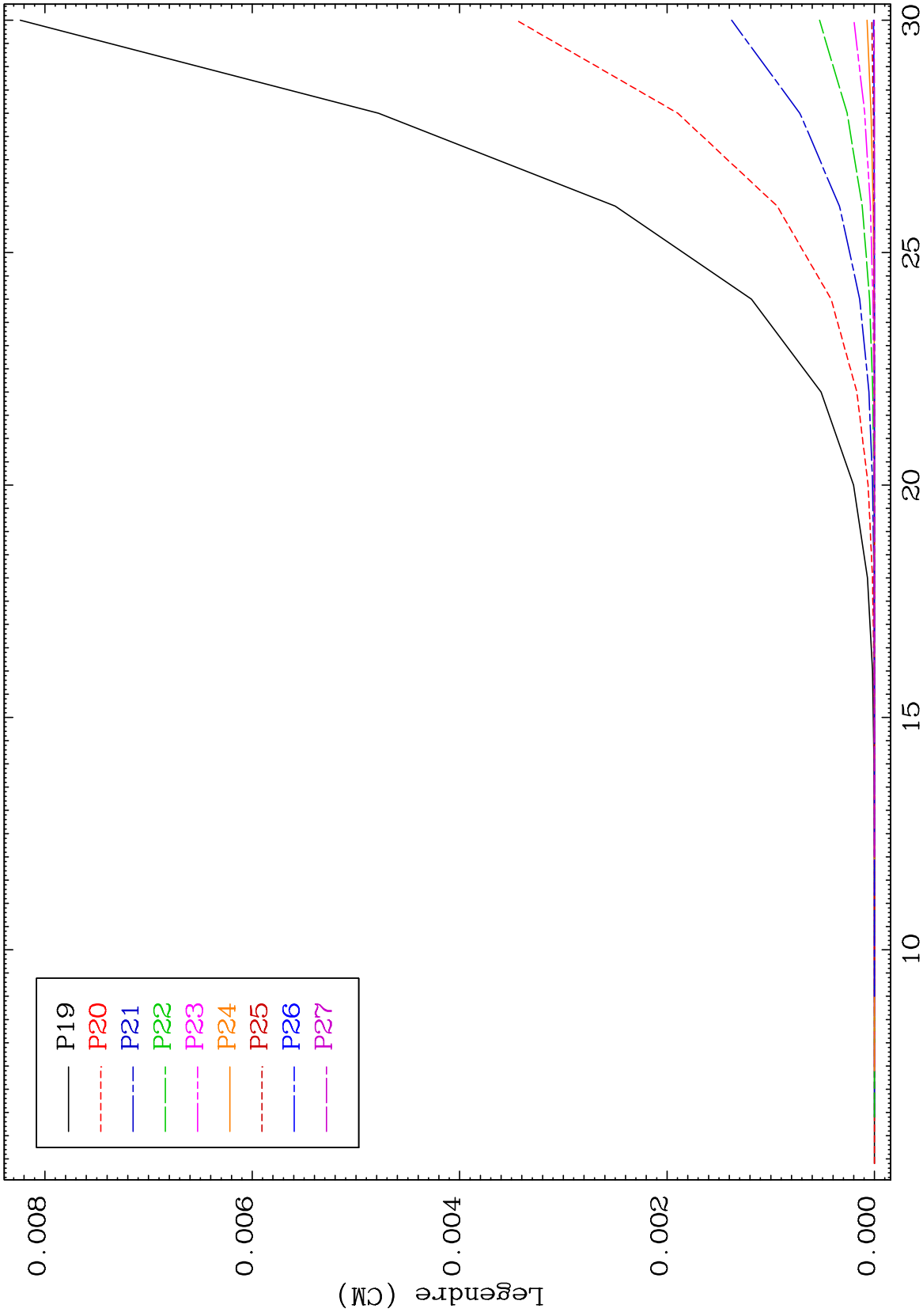
Incident Energy (MeV)

49-In-126

MAT 4964

### Elastic Legendre Coefficients

49-In-126



17

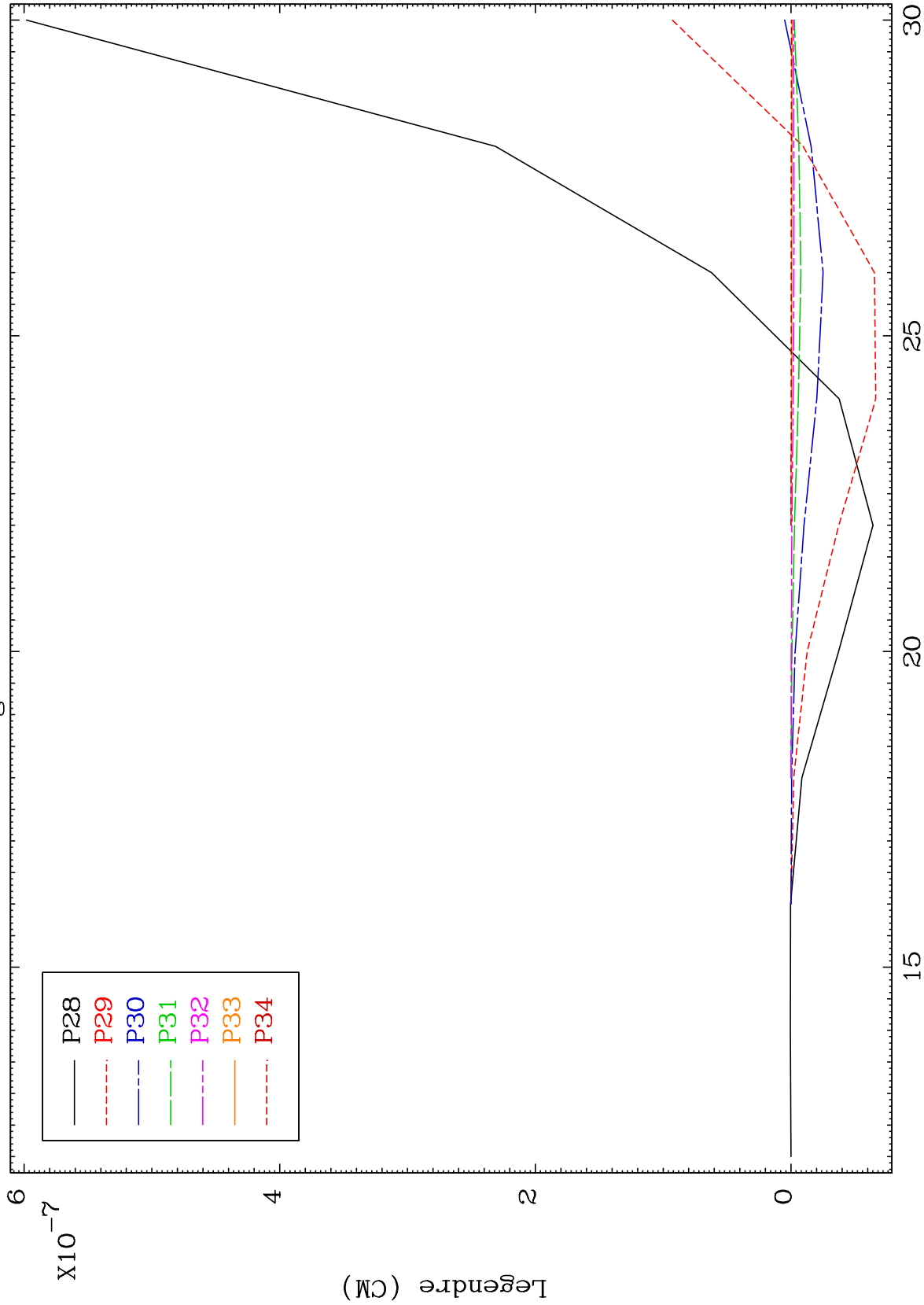
Incident Energy (MeV)

49-In-126

MAT 4964

Elastic Legendre Coefficients

49-In-126



18

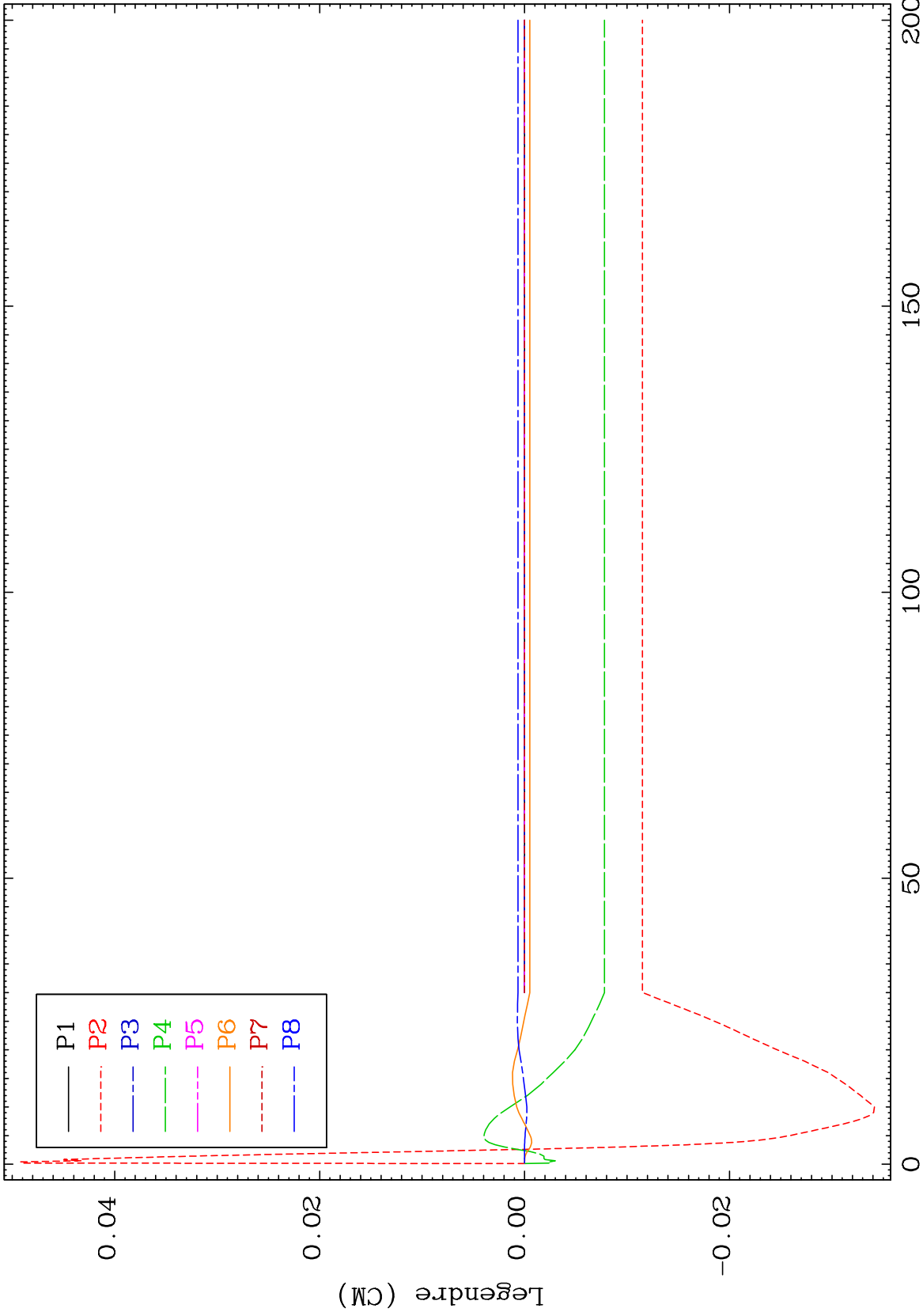
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



19

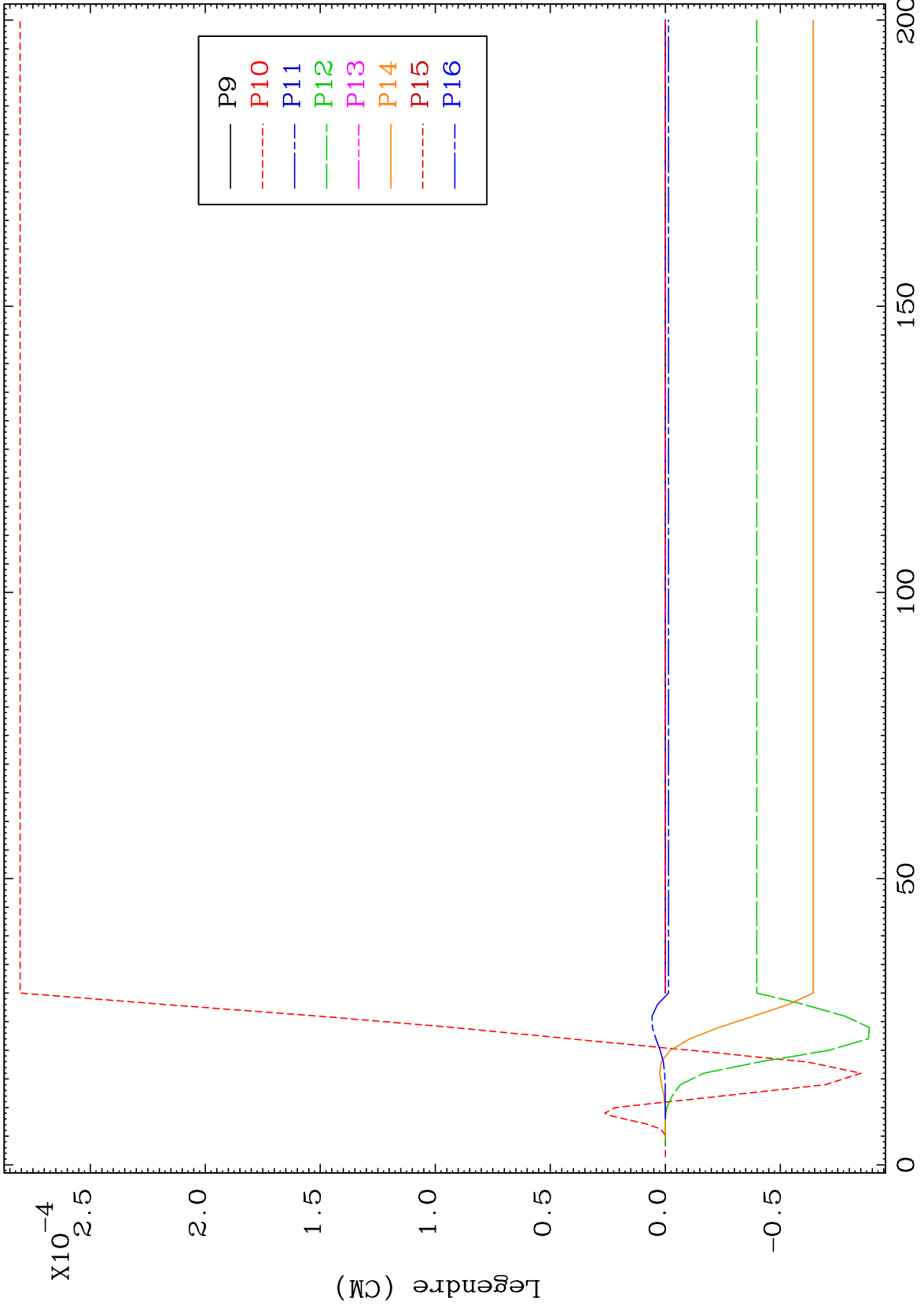
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



49-In-126

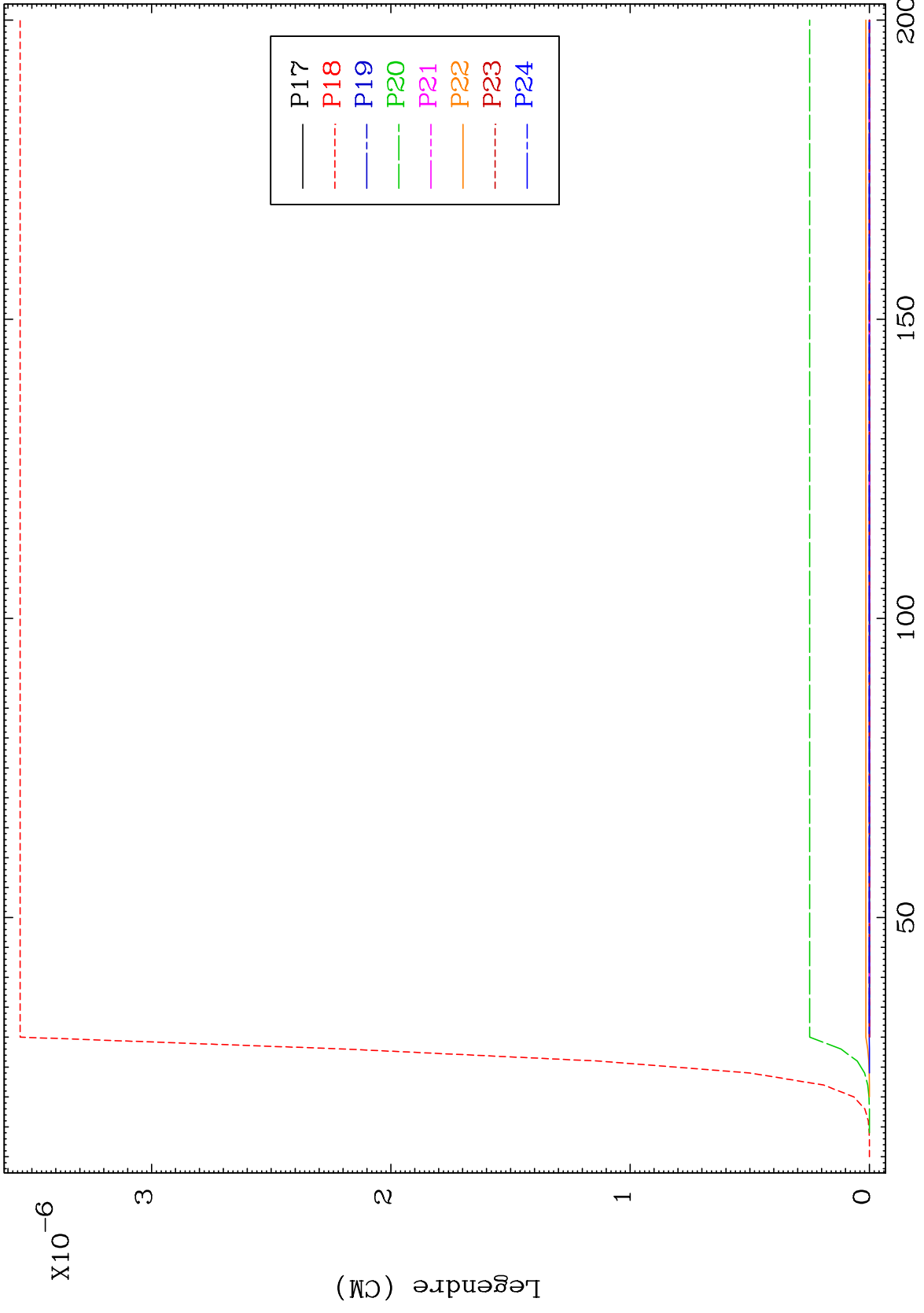
Incident Energy (MeV)

20

MAT 4964

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

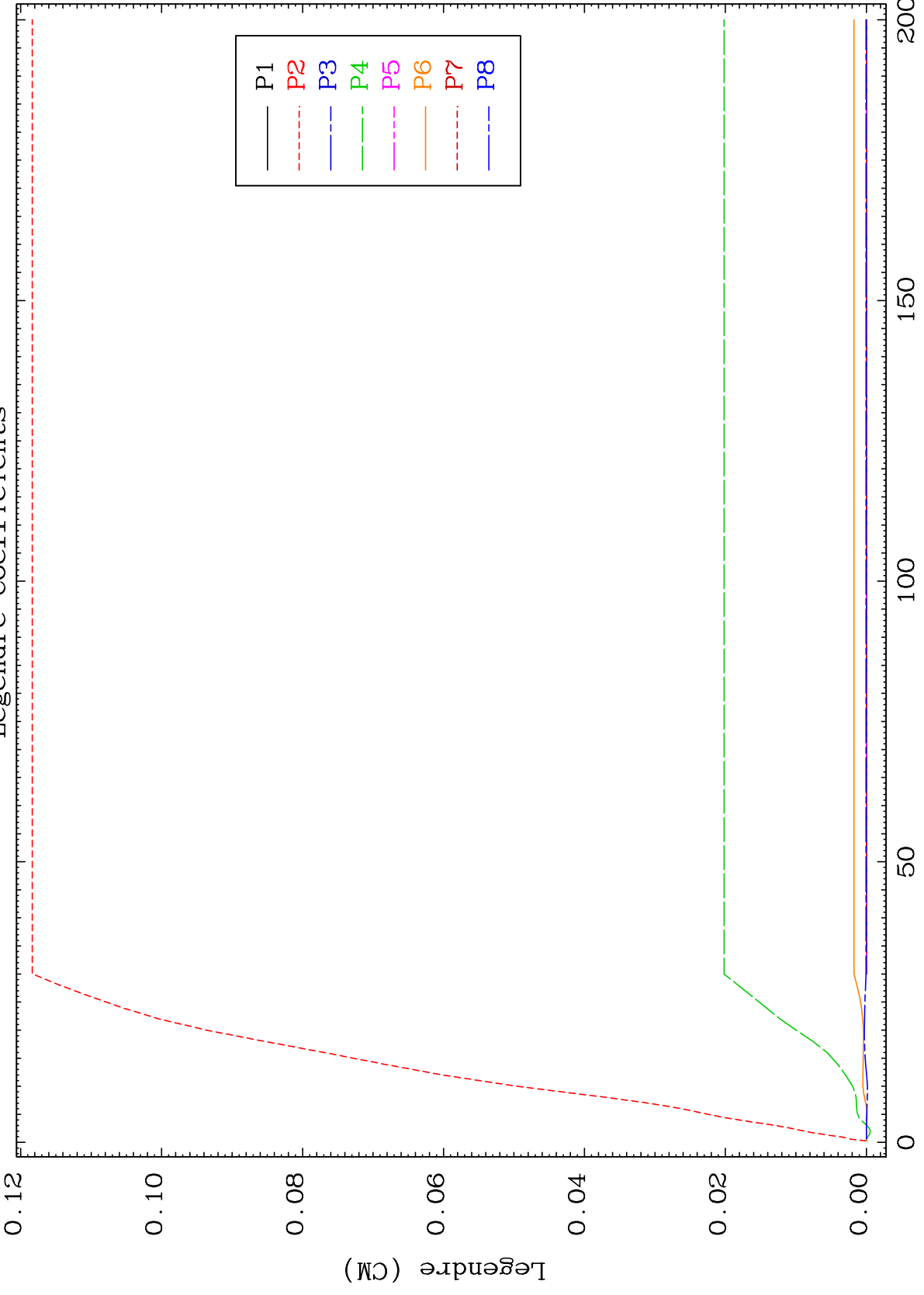
49-In-126



21

49-In-126

MAT 4964 MT= 52 (n,n') Level Legendre Coefficients 49-In-126

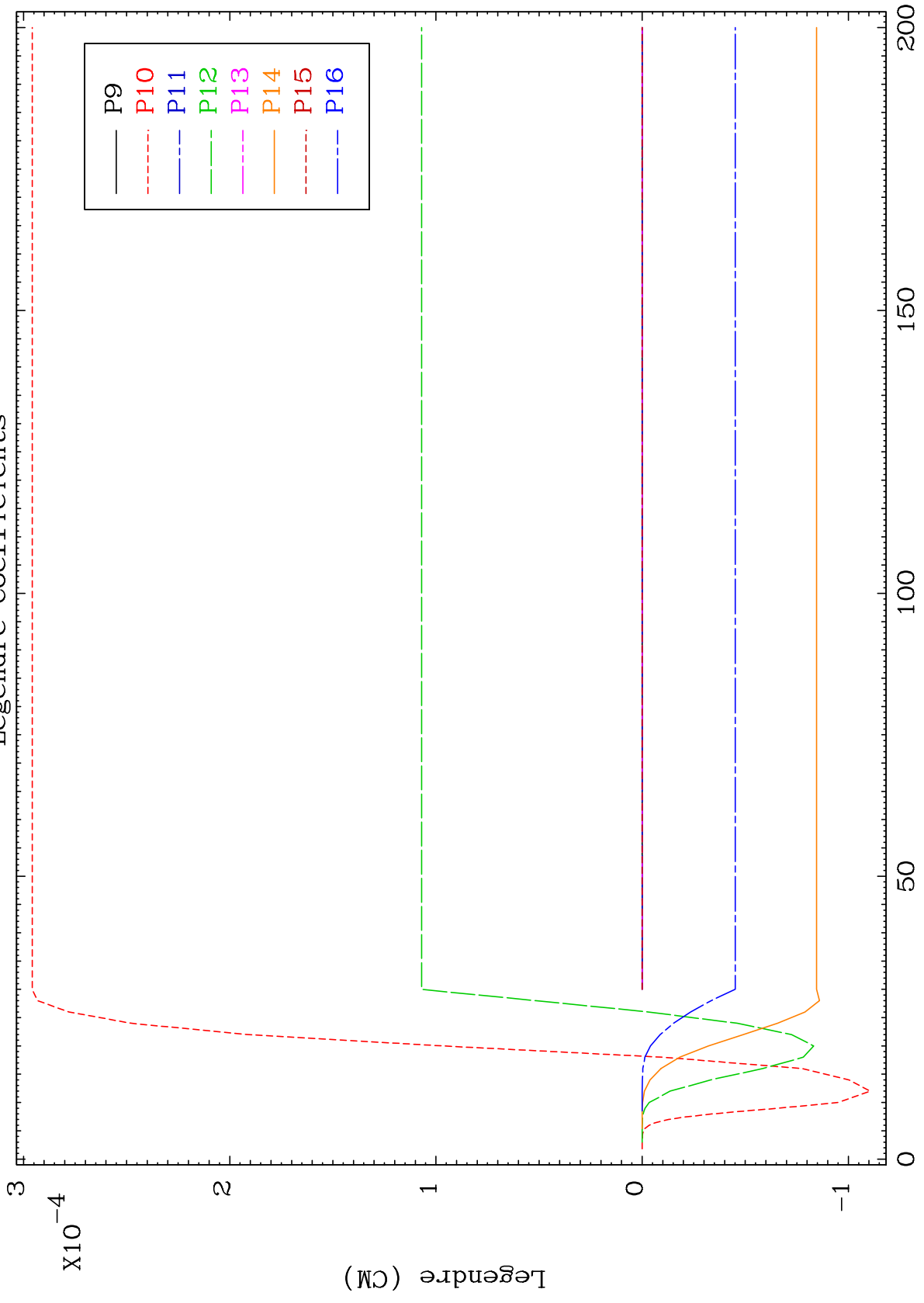


22 Incident Energy (MeV) 49-In-126

MAT 4964

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

49-In-126



23

Incident Energy (MeV)

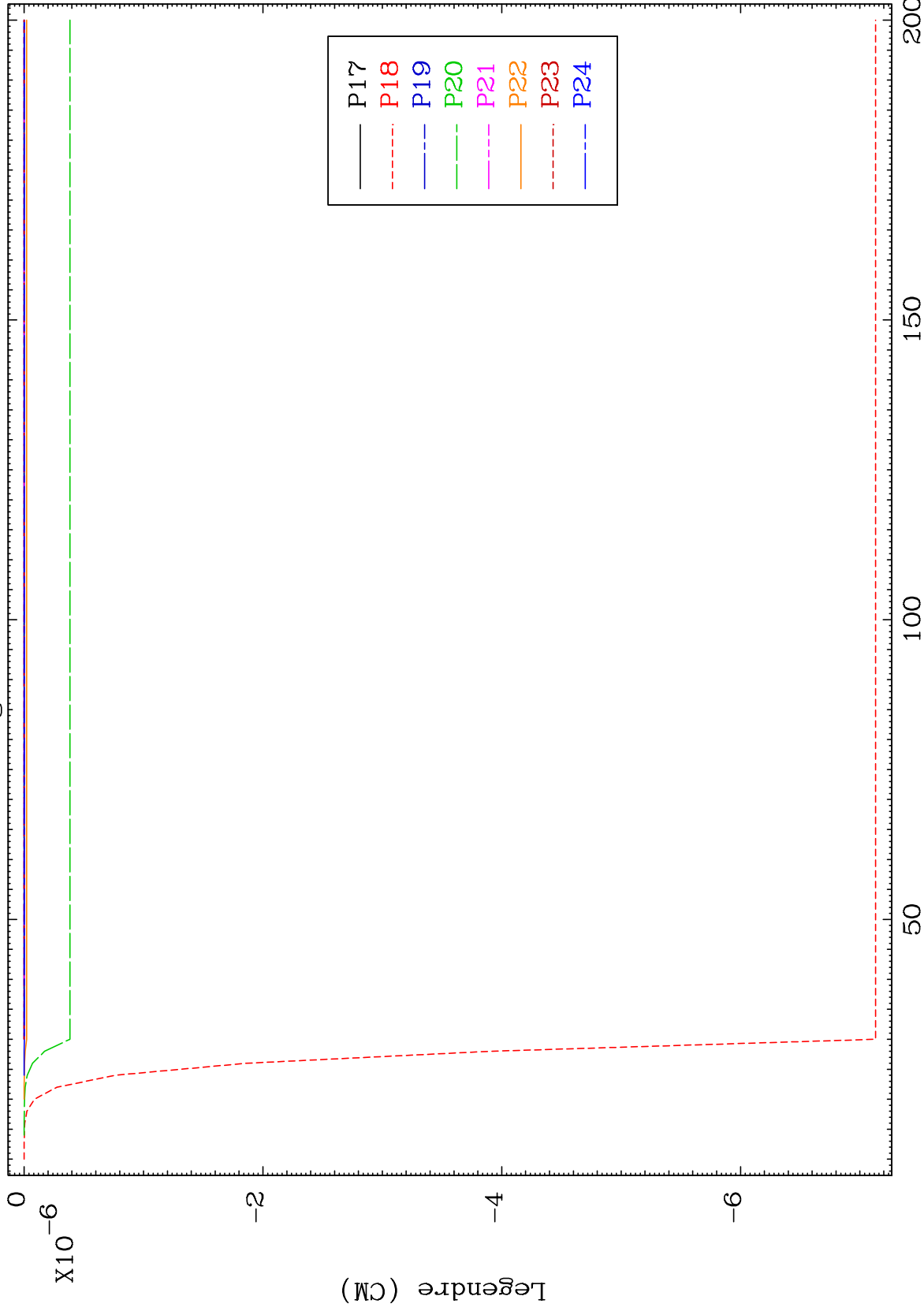
49-In-126



MAT 4964

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

49-In-126



24

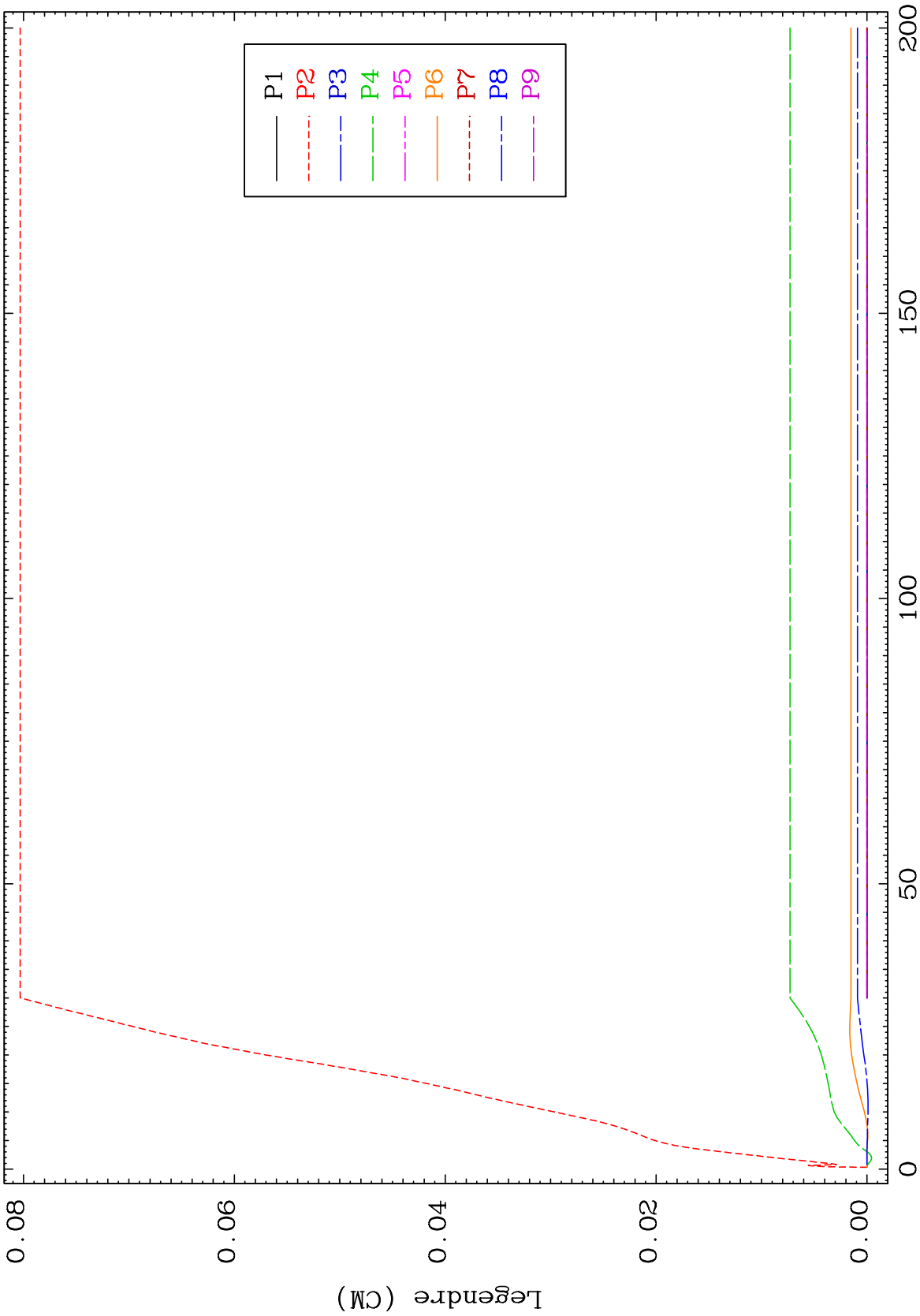
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



49-In-126

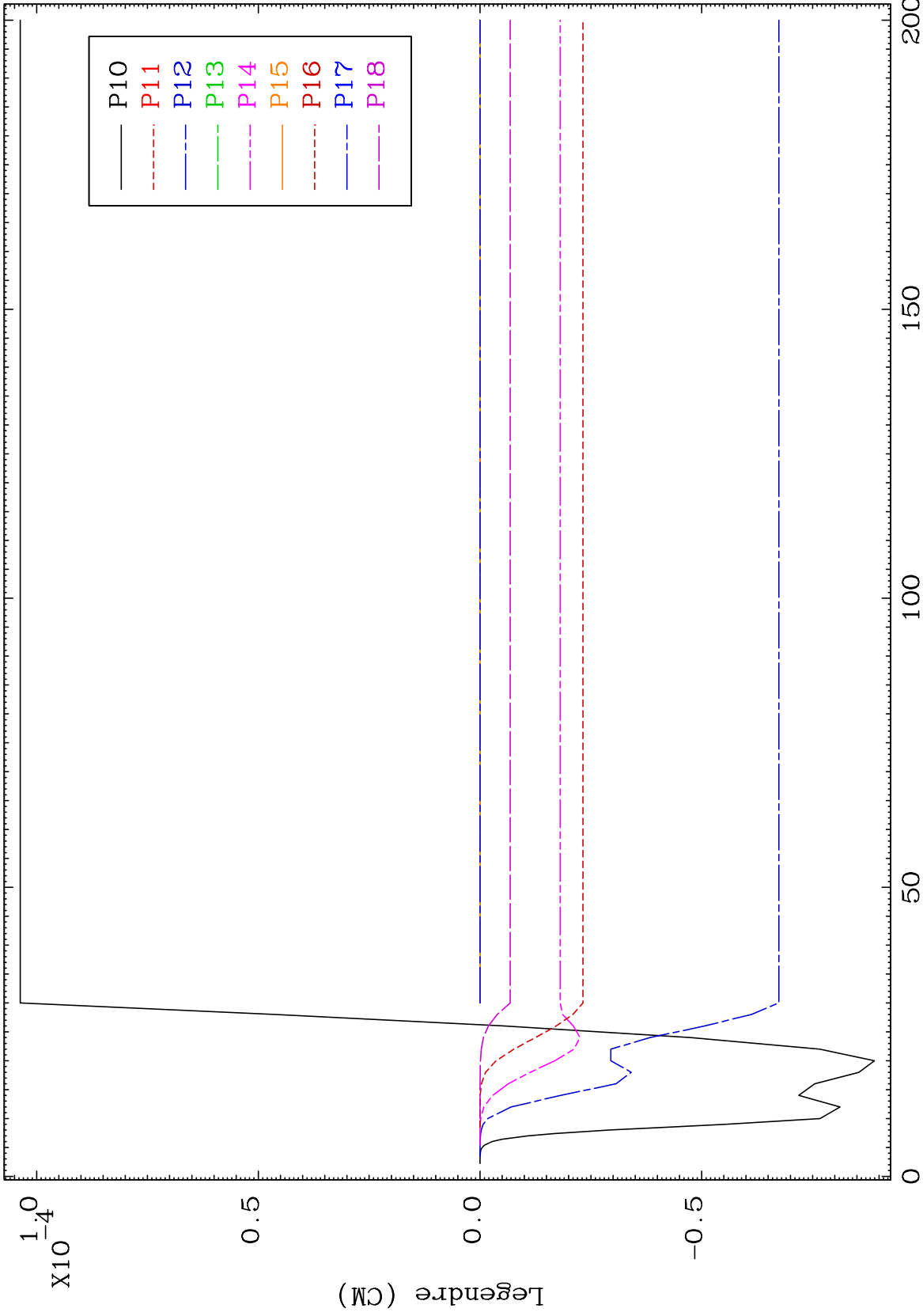
Incident Energy (MeV)

25

MAT 4964

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

49-In-126



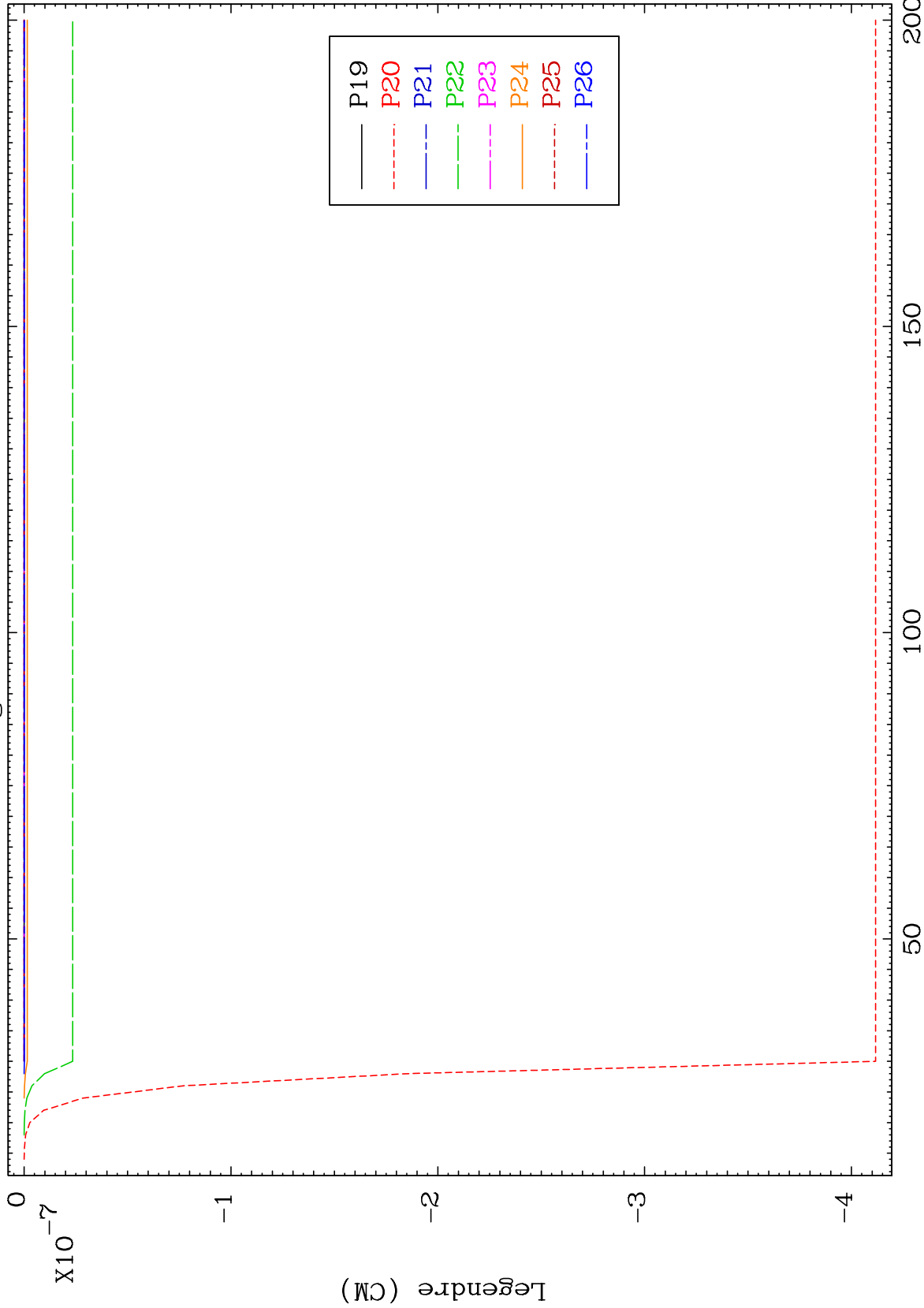
26

49-In-126

MAT 4964

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

49-In-126



27

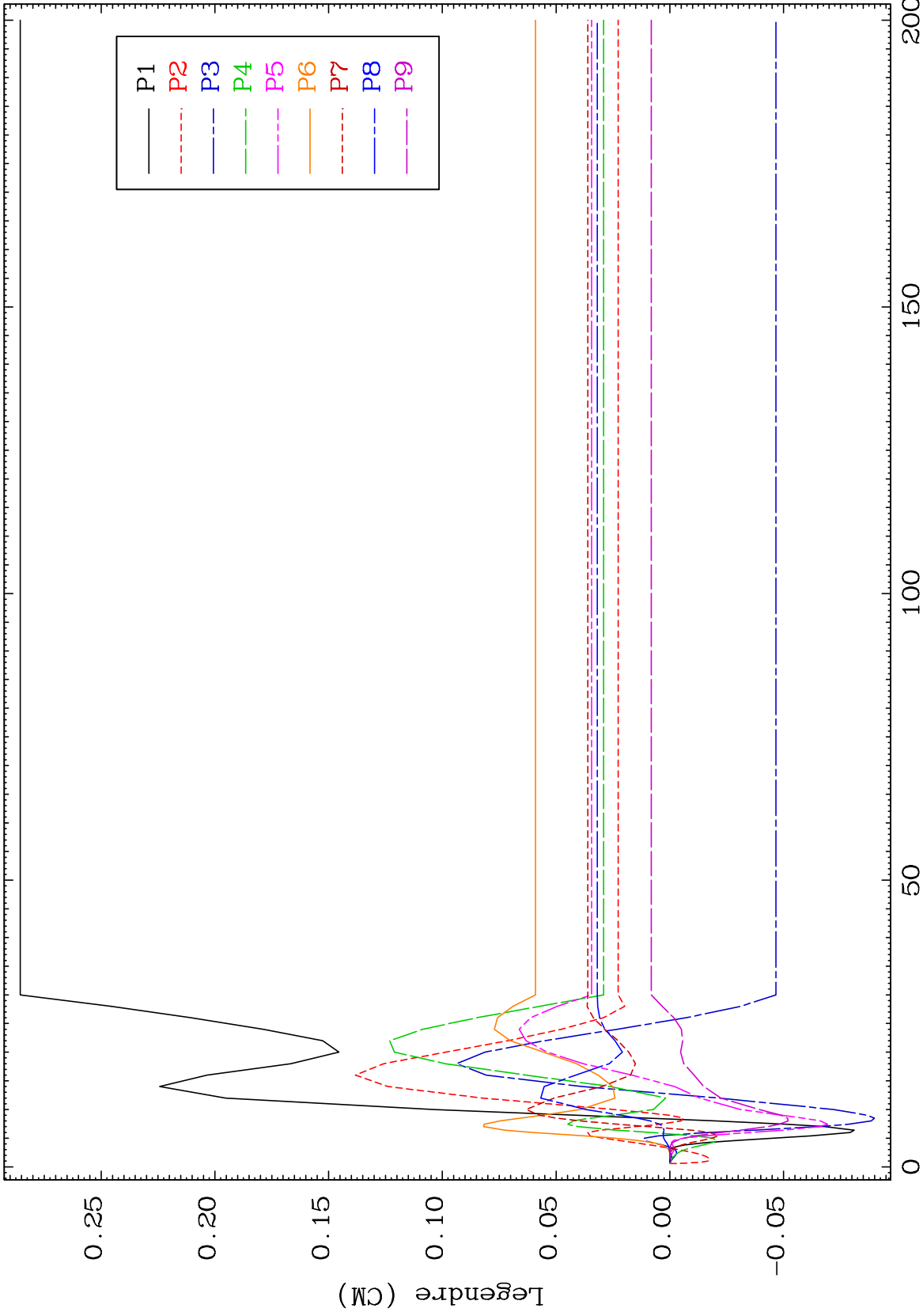
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



28

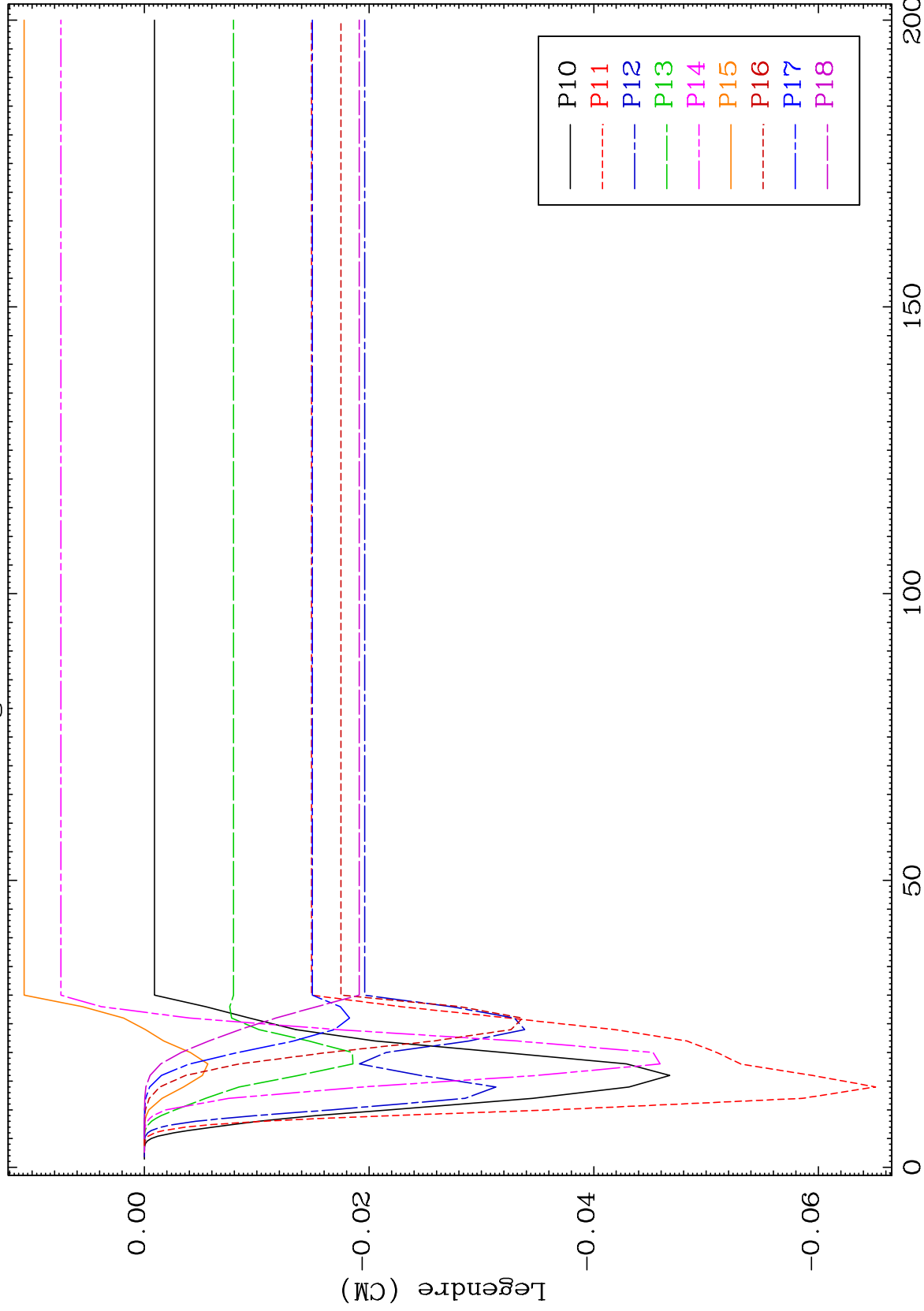
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



29

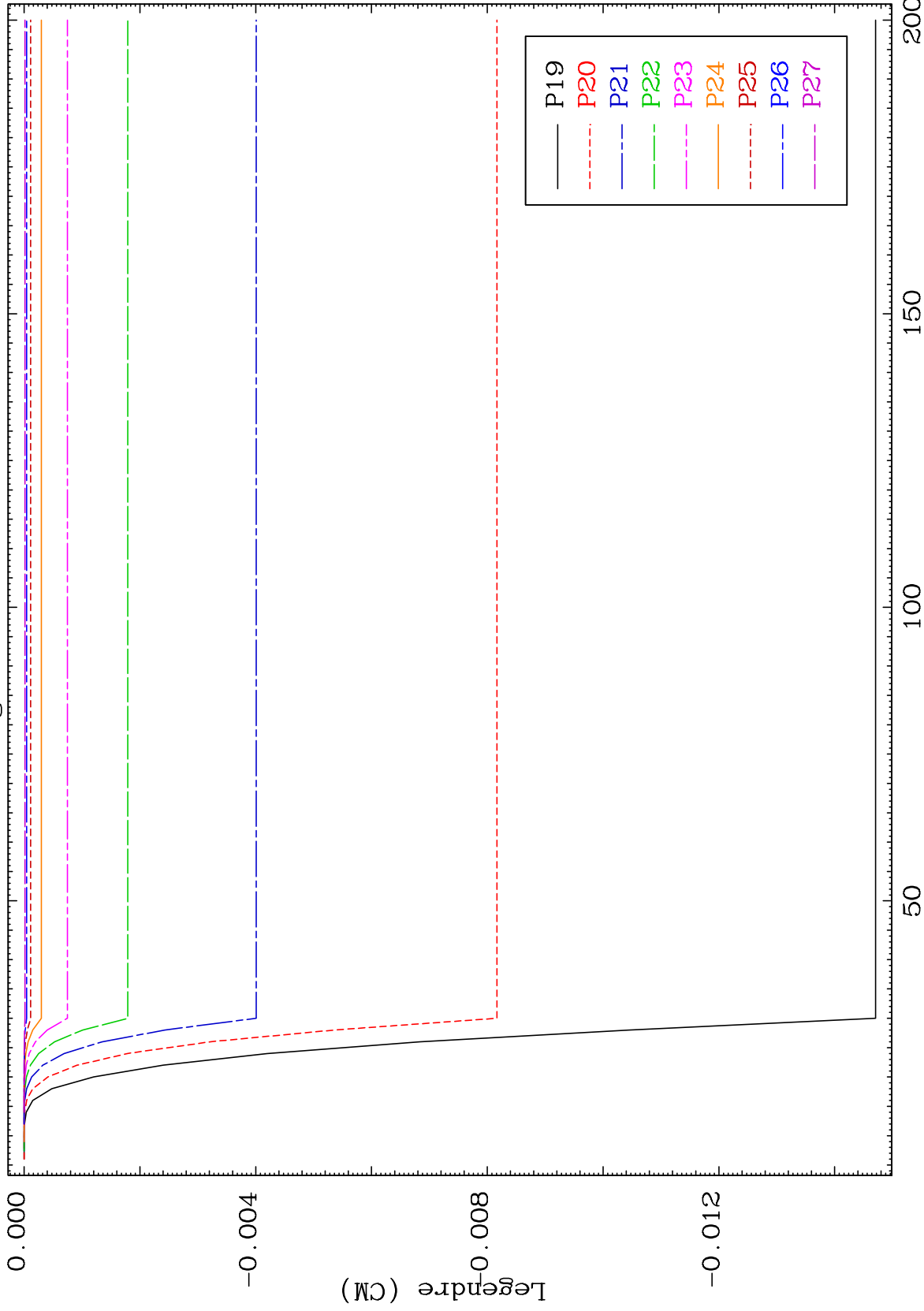
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



49-In-126

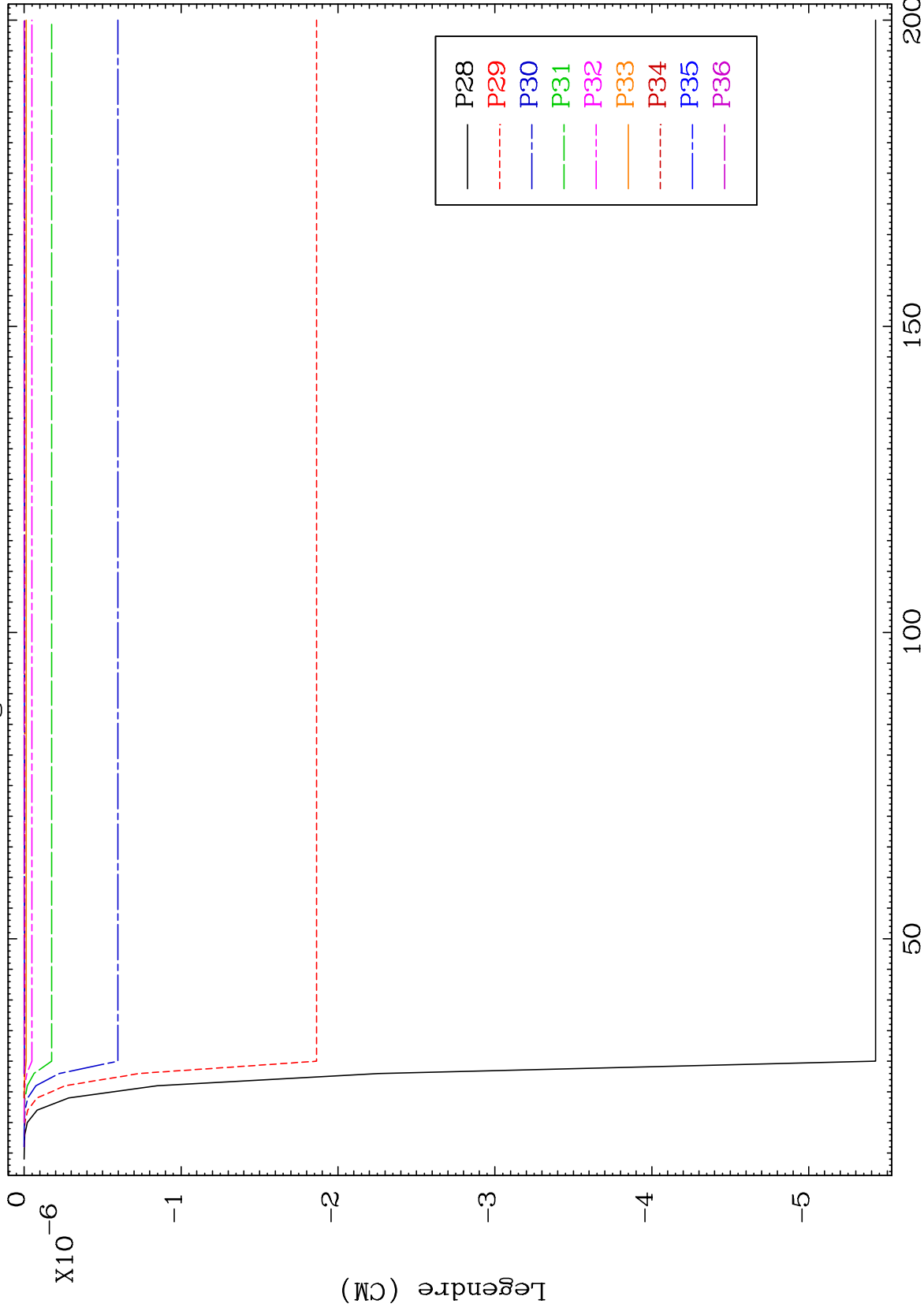
Incident Energy (MeV)

30

MAT 4964

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

49-In-126



31

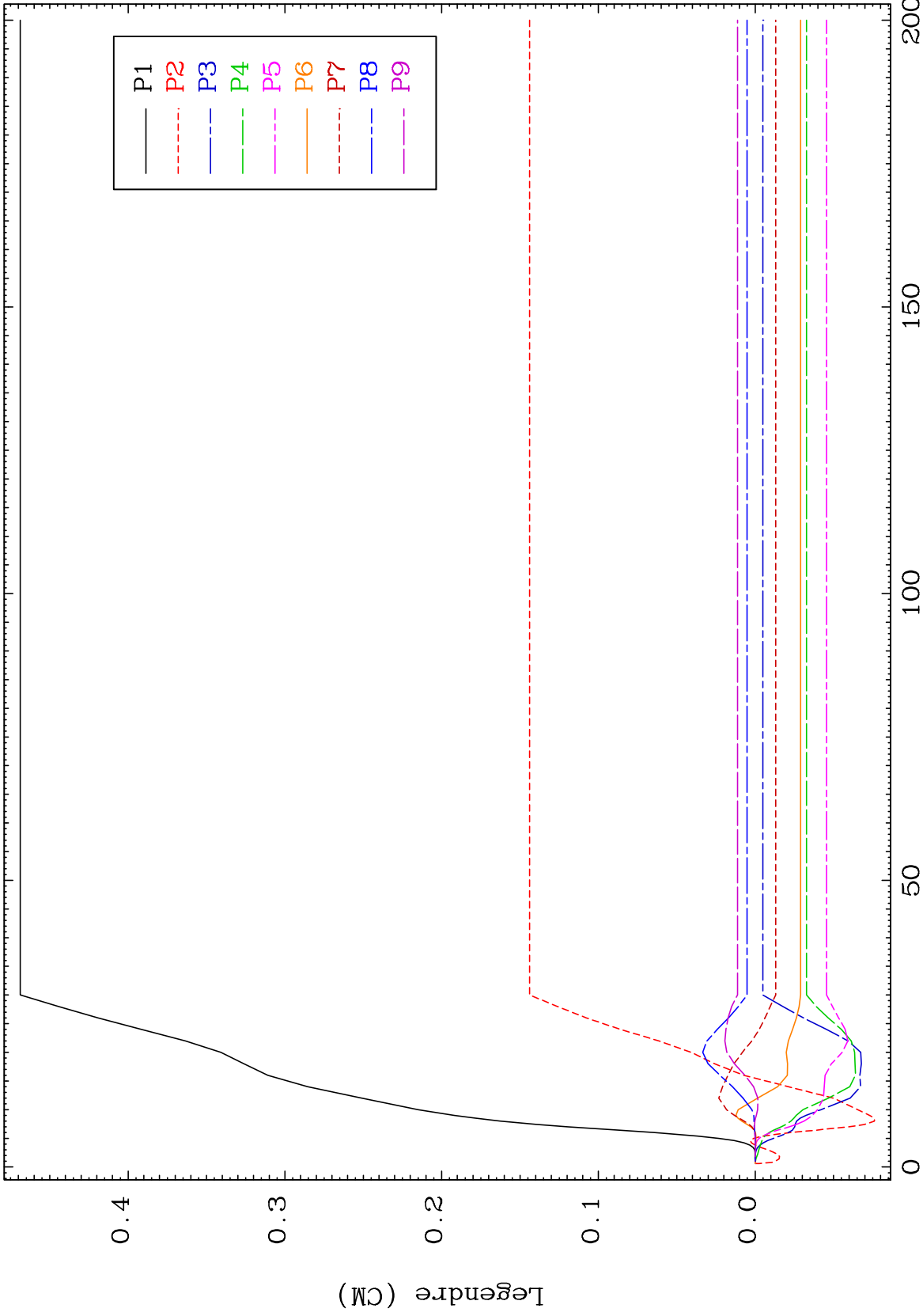
49-In-126



MAT 4964

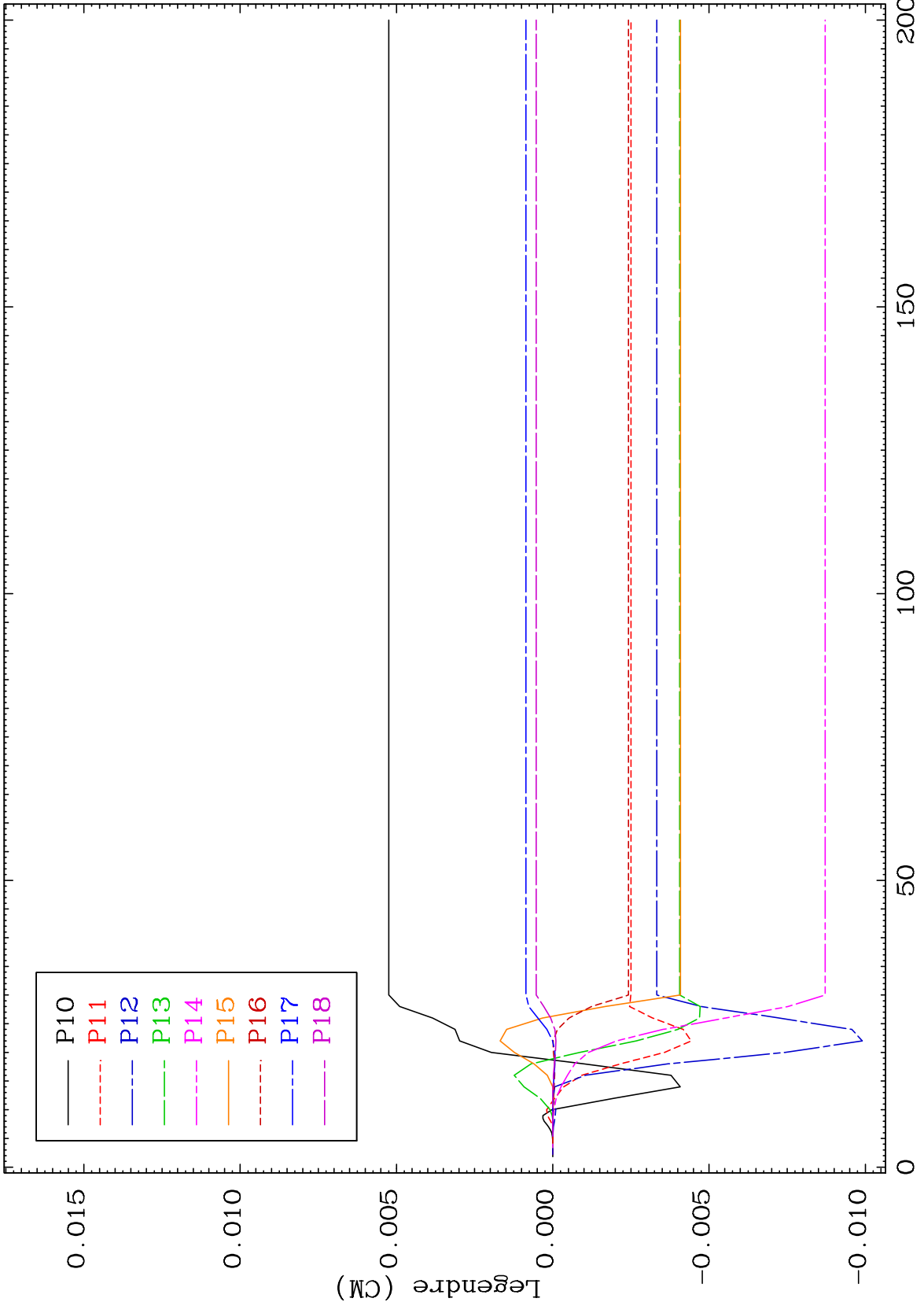
MT= 55 (n,n') Level  
Legendre Coefficients

49-In-126



32

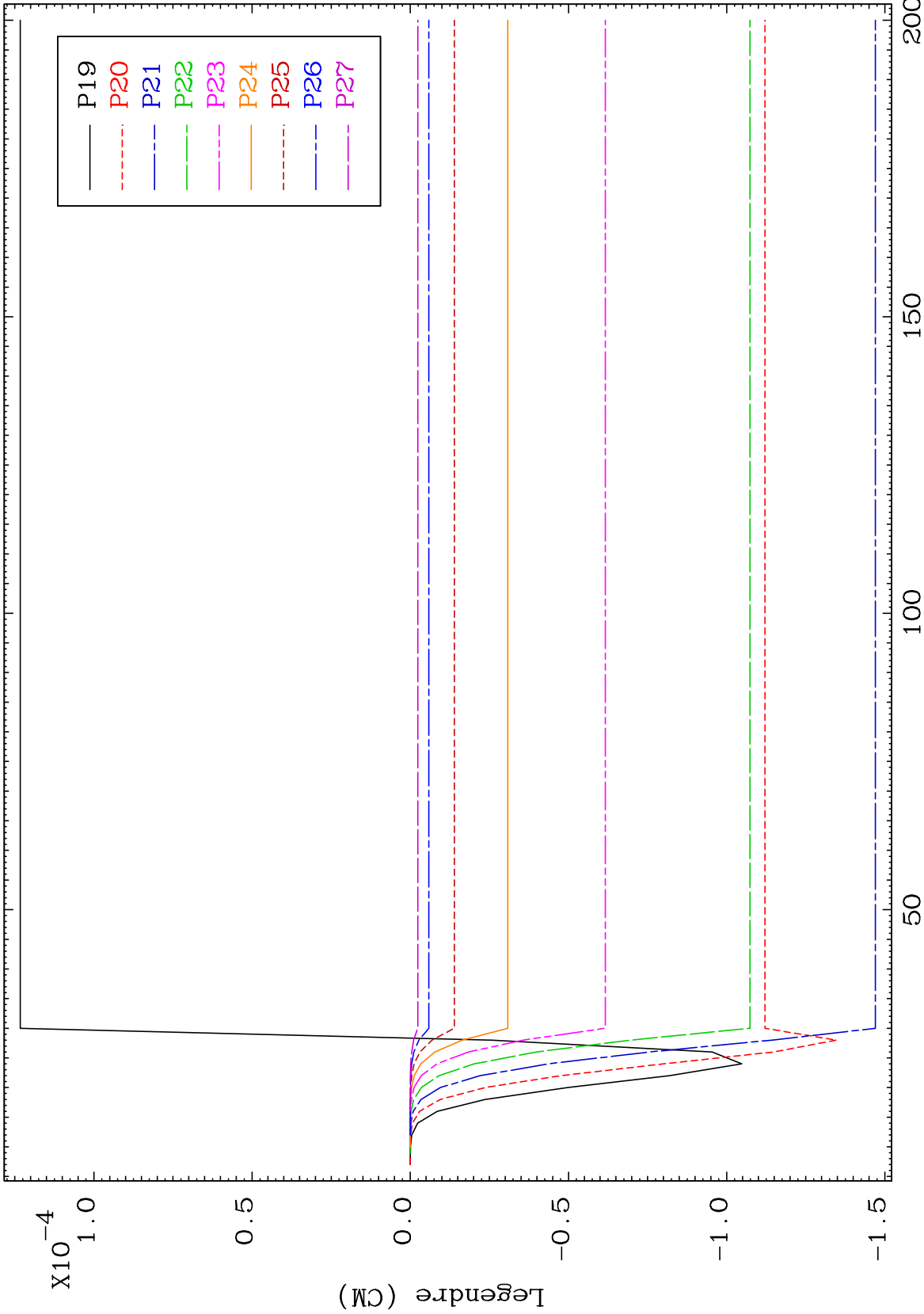
49-In-126



MAT 4964

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

49-In-126



34

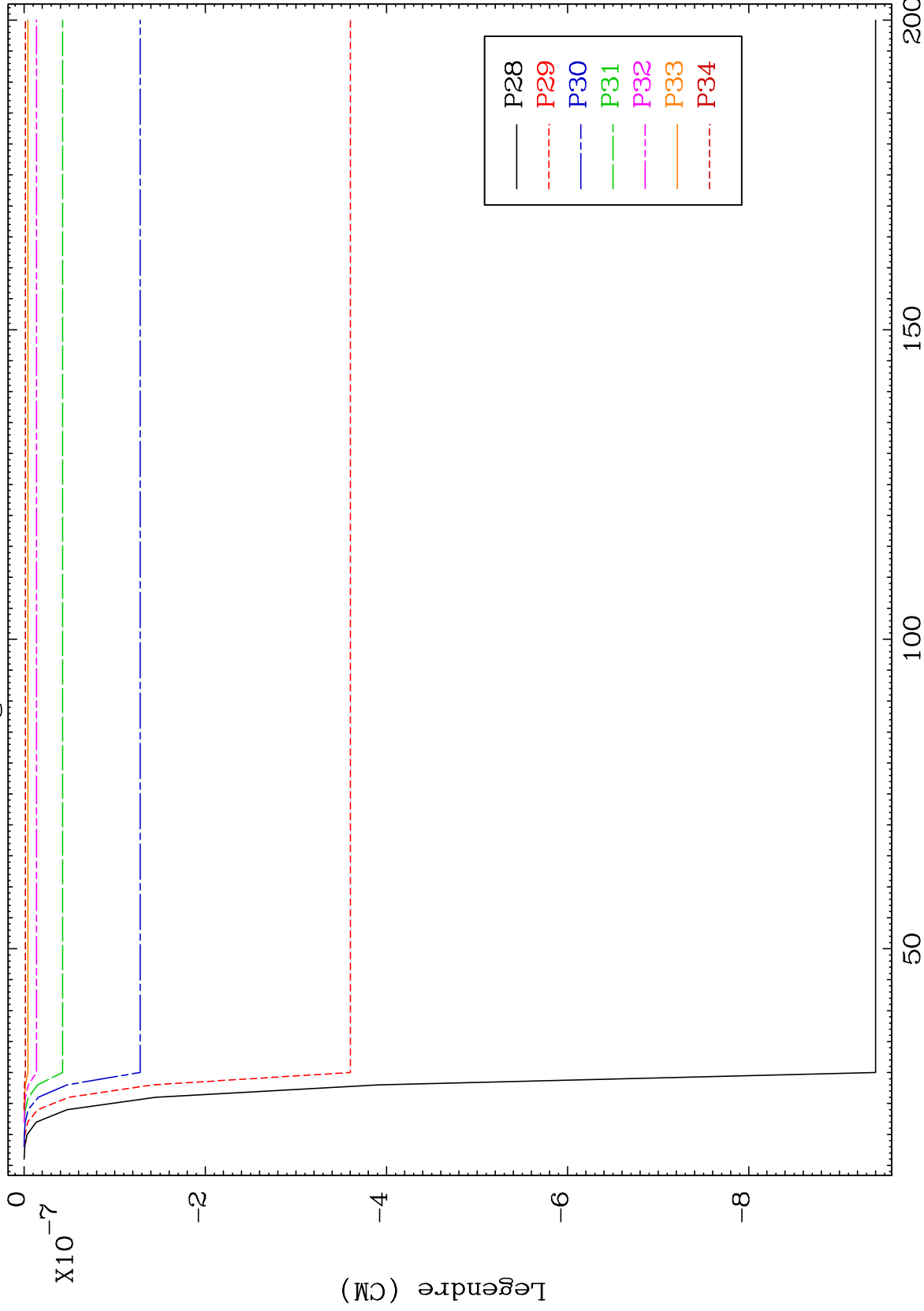
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



35

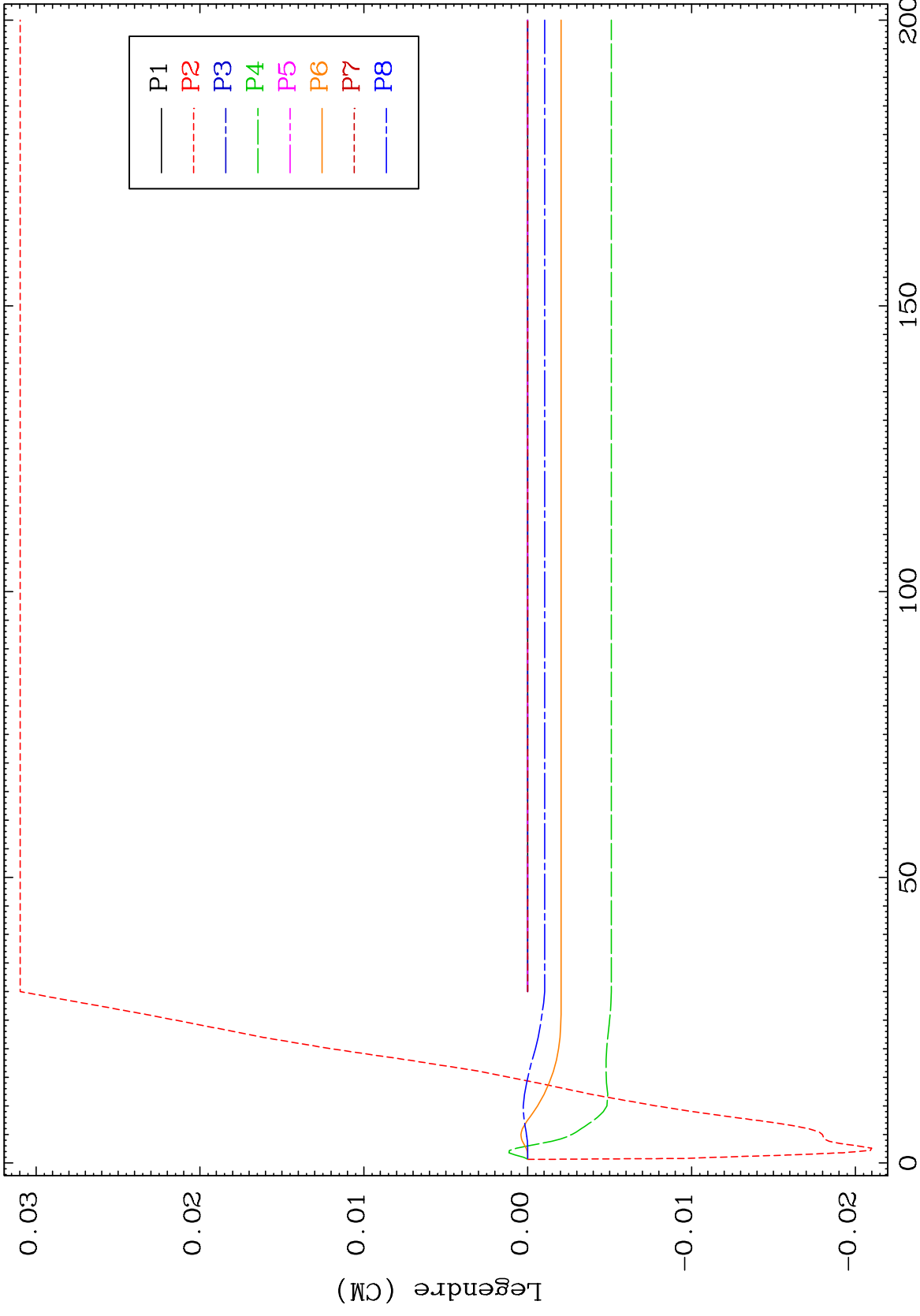
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



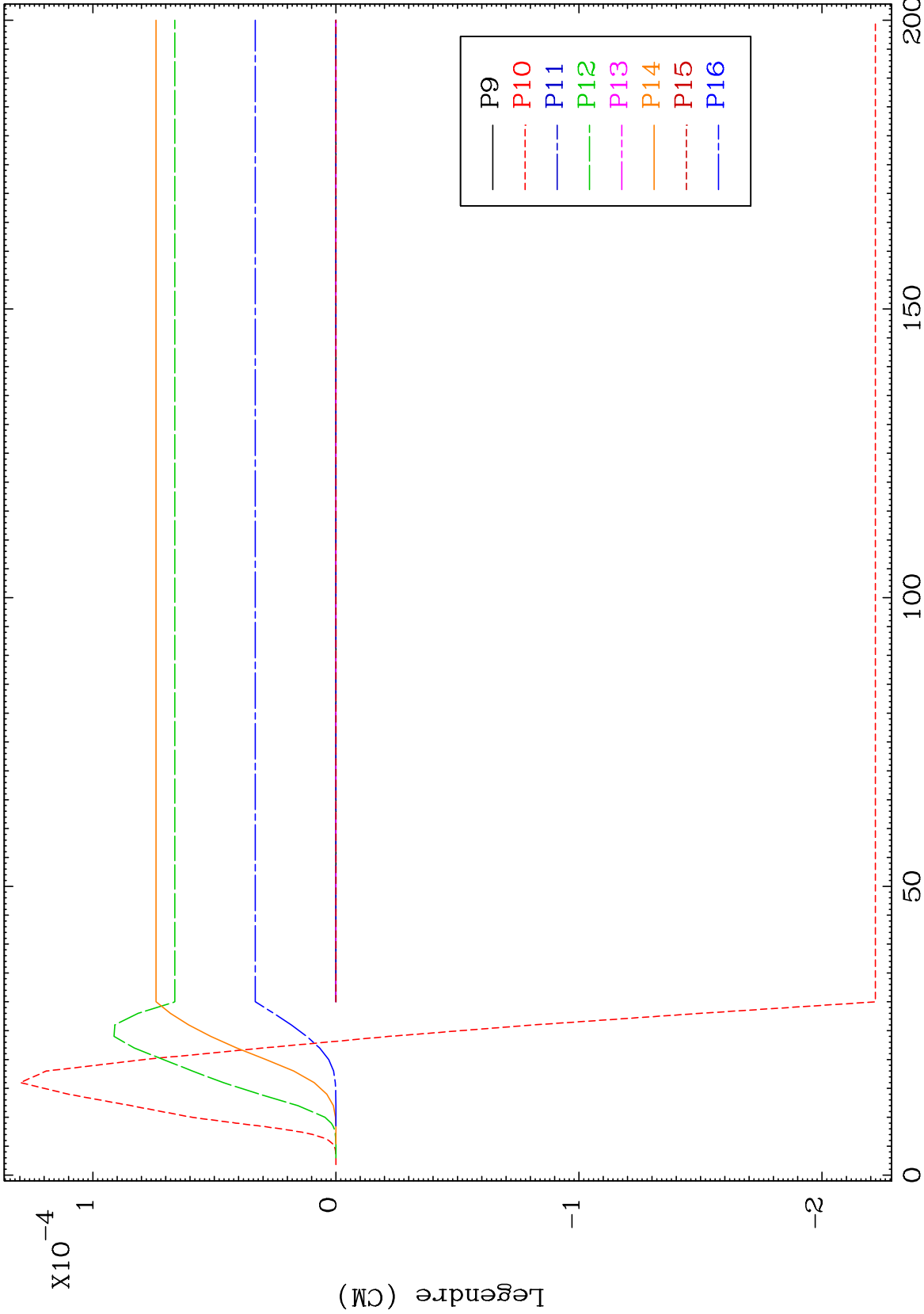
36

49-In-126

MAT 4964

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

49-In-126



37

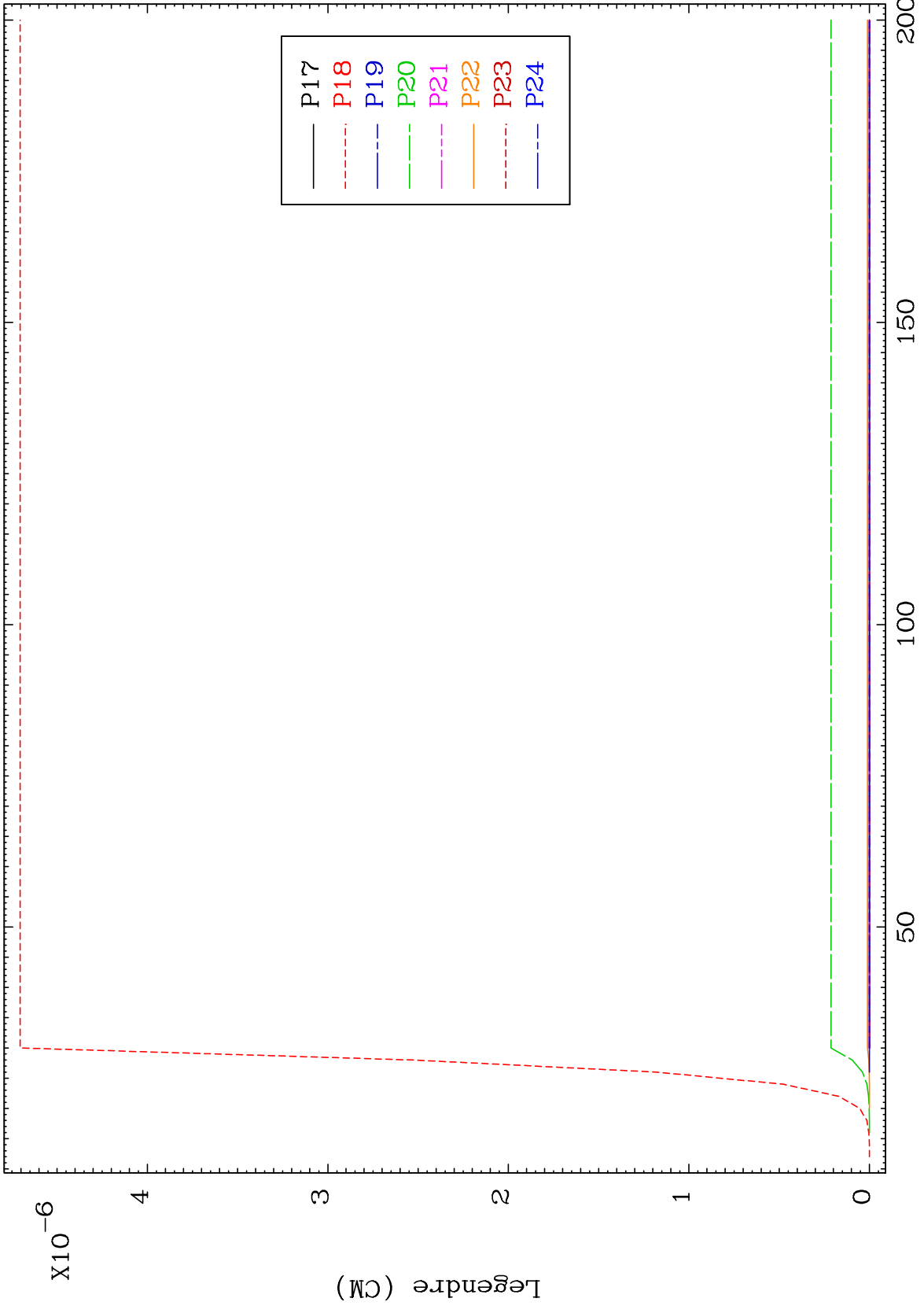
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



38

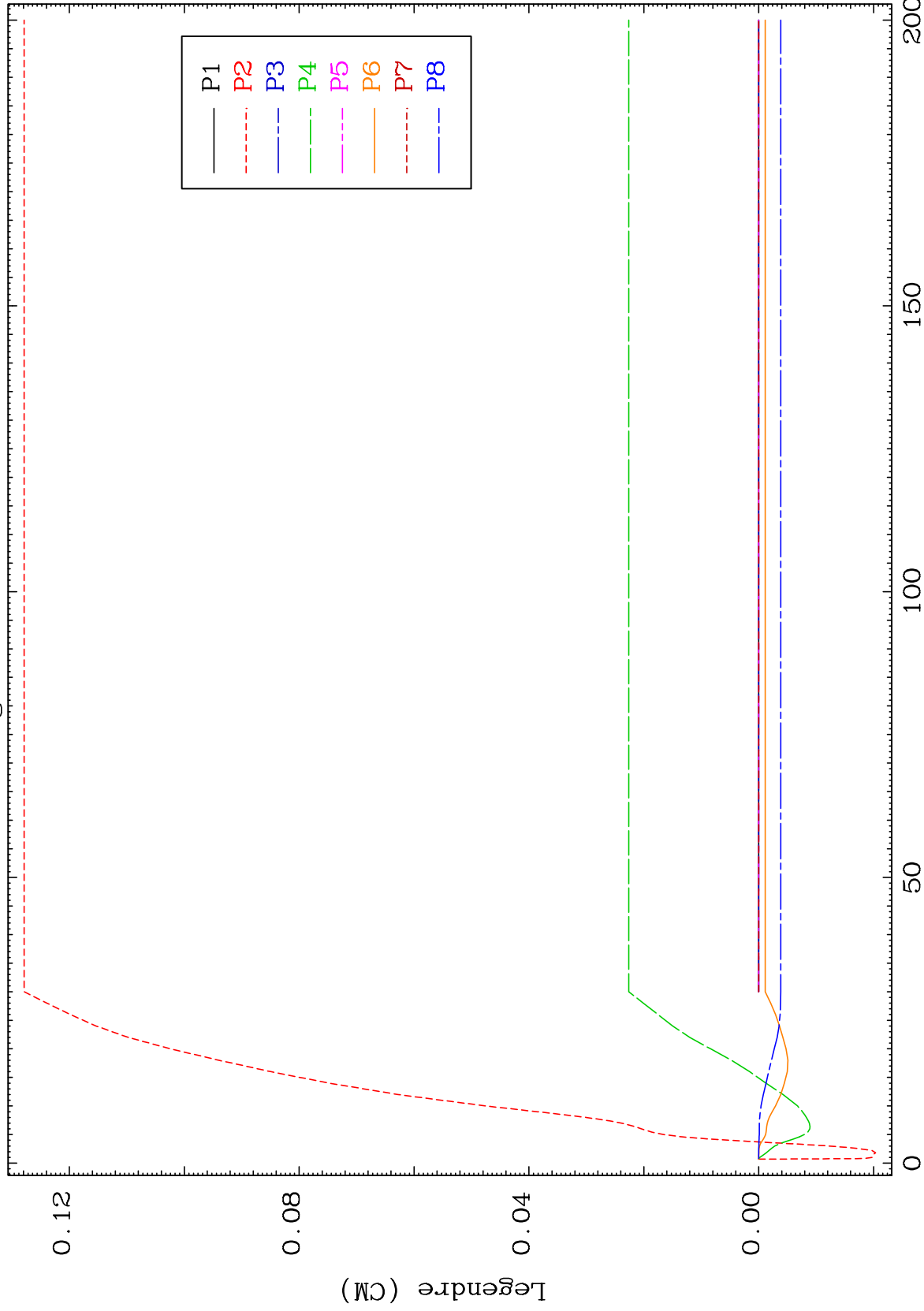
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



39

Incident Energy (MeV)

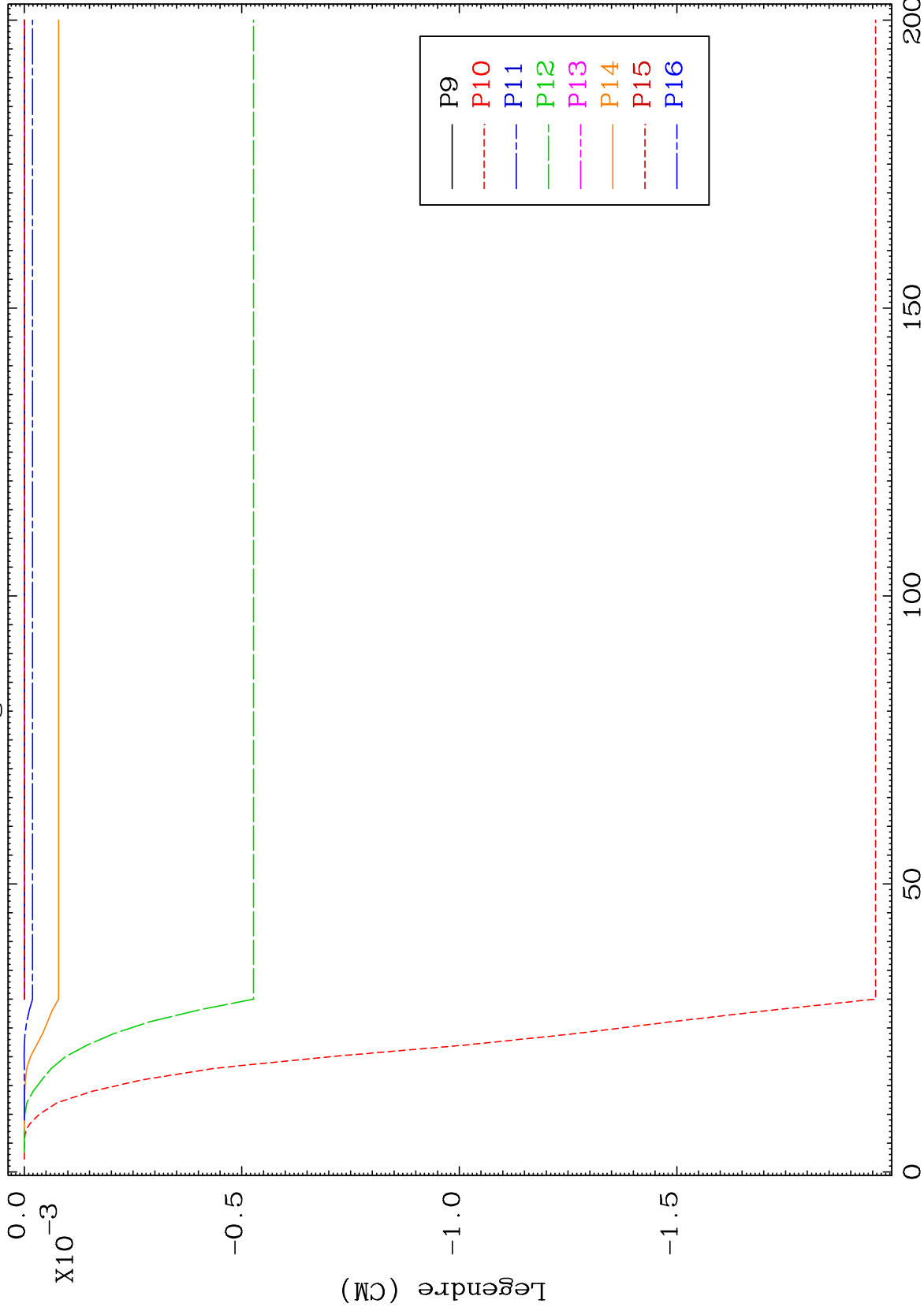
49-In-126



MAT 4964

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

49-In-126



0

100

50

150

200

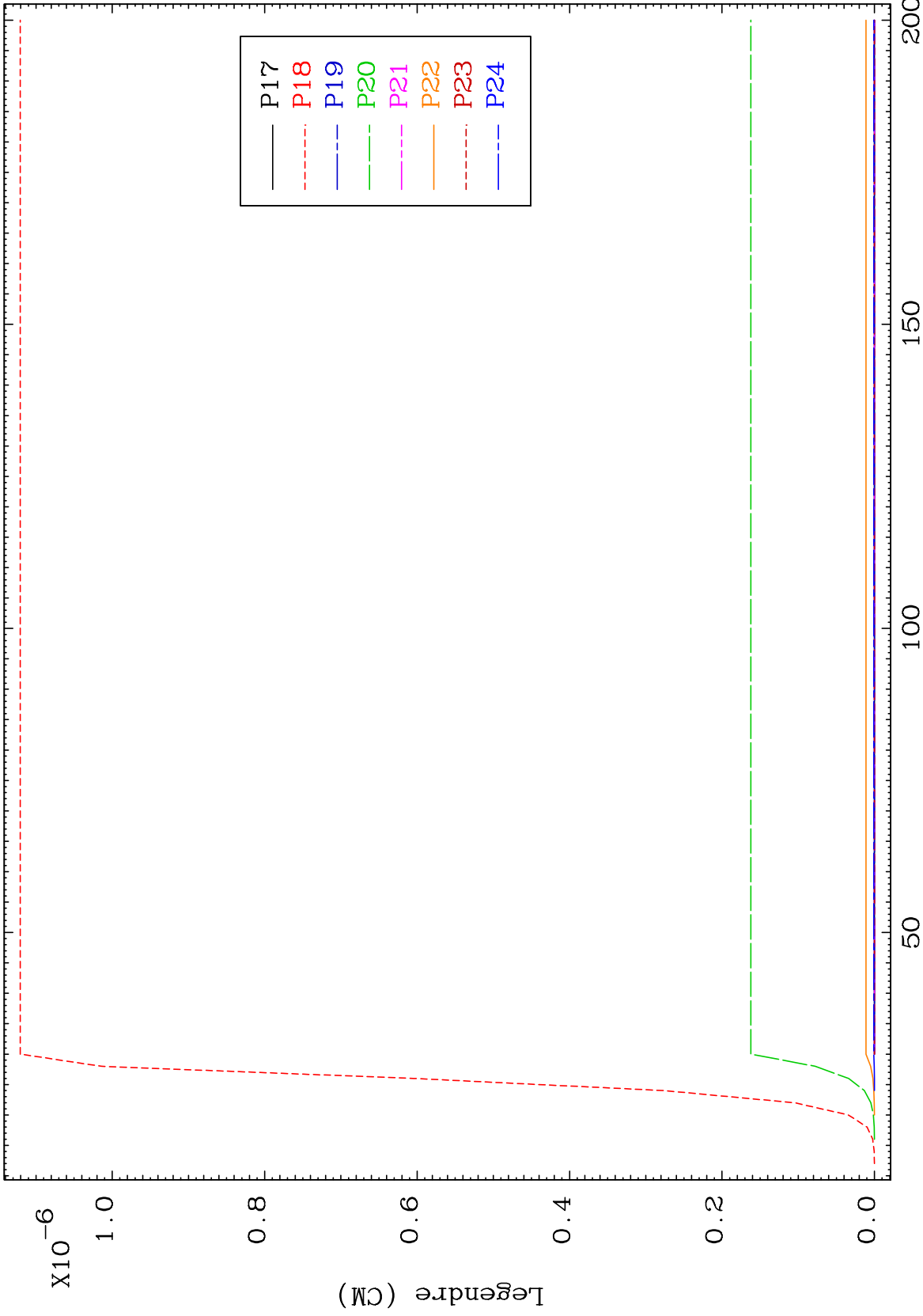
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



41

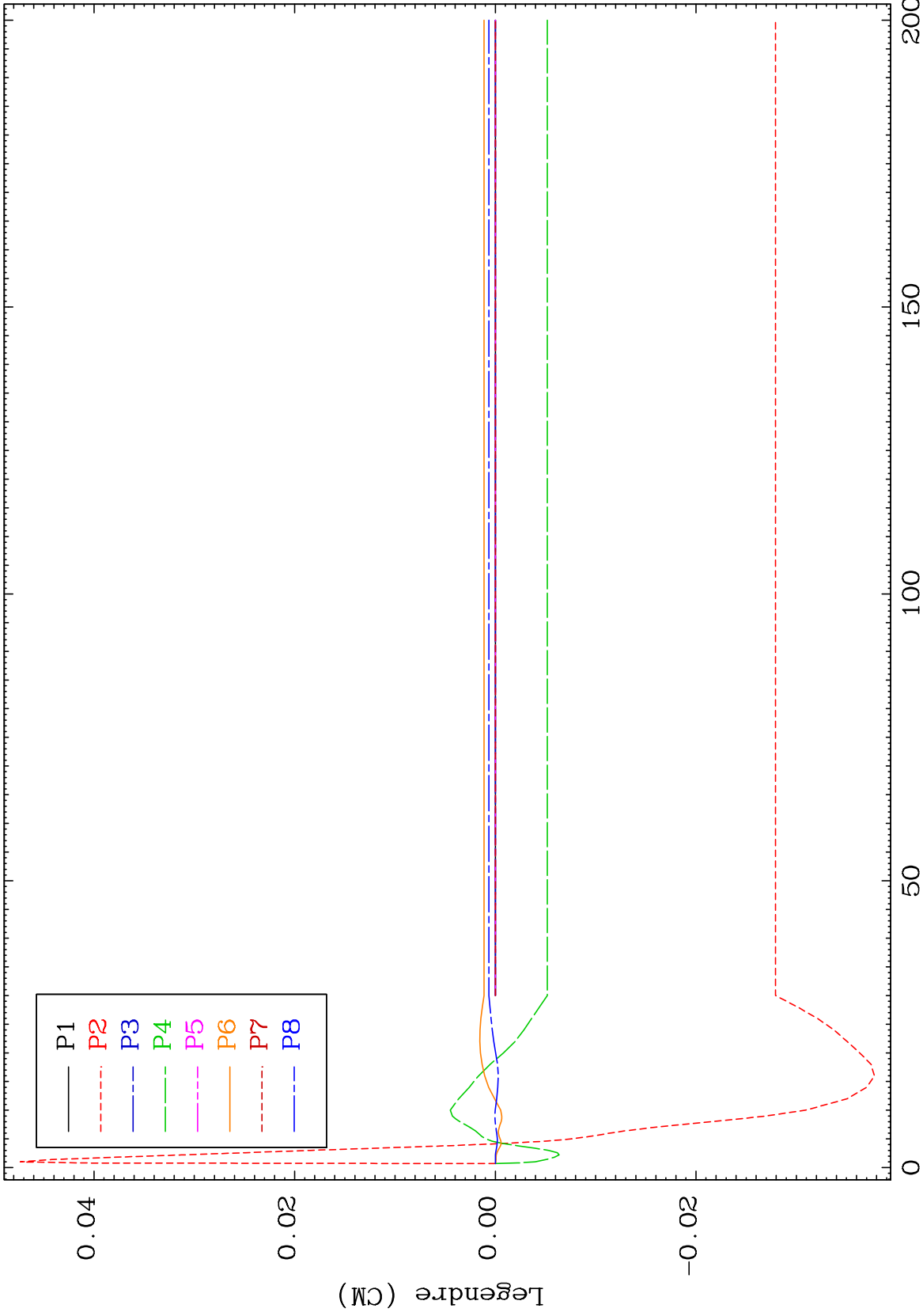
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



42

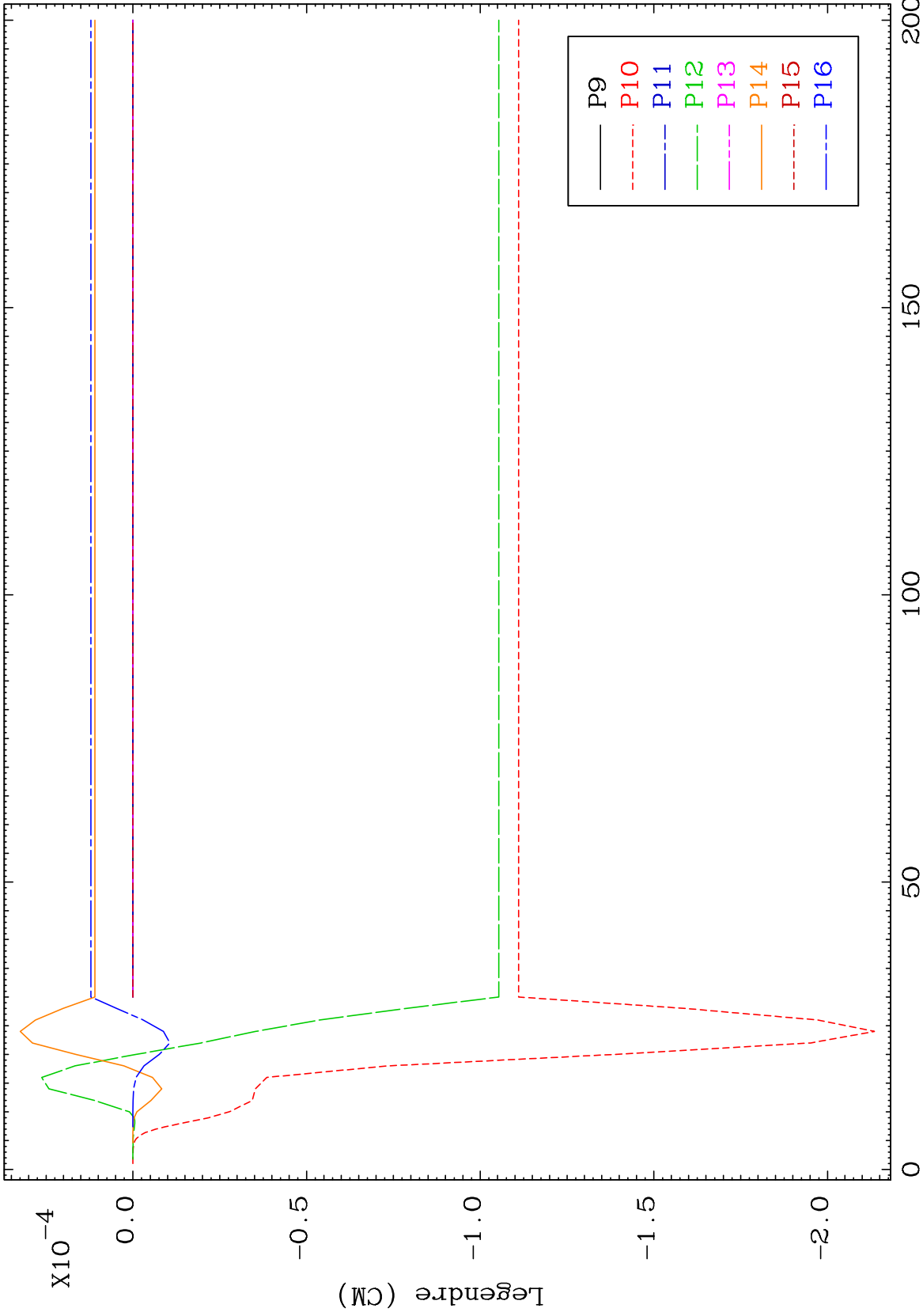
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



43

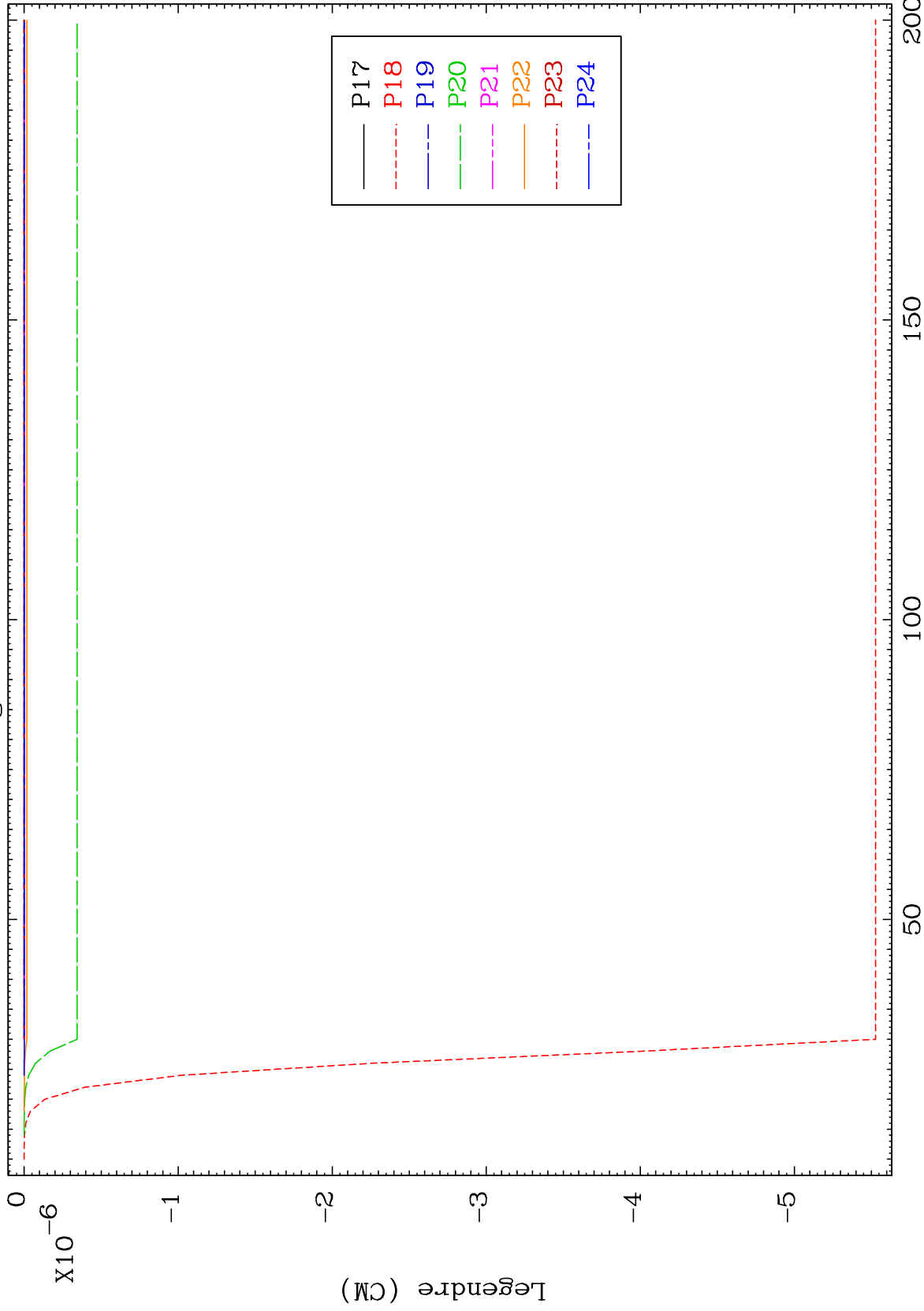
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



44

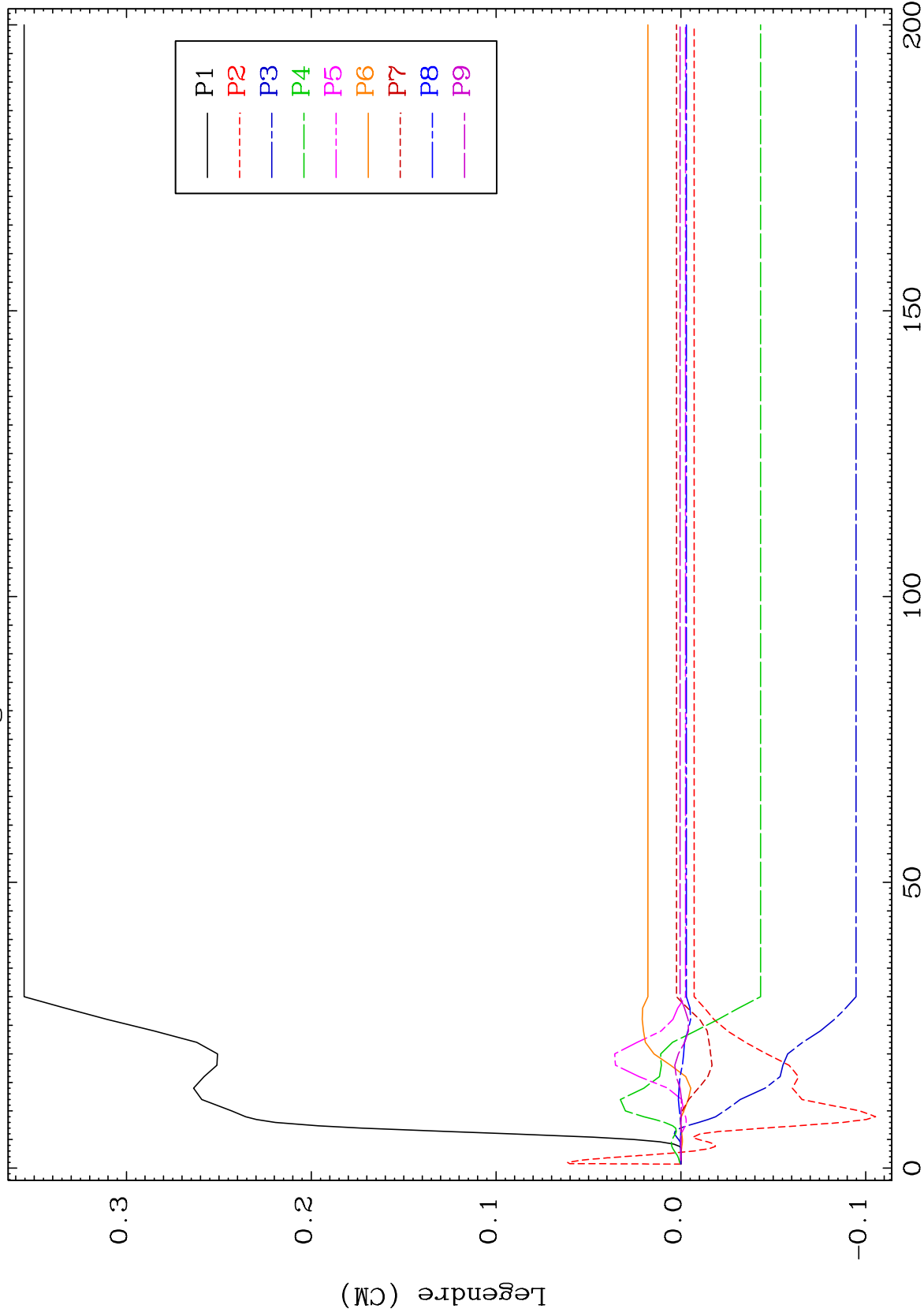
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



45

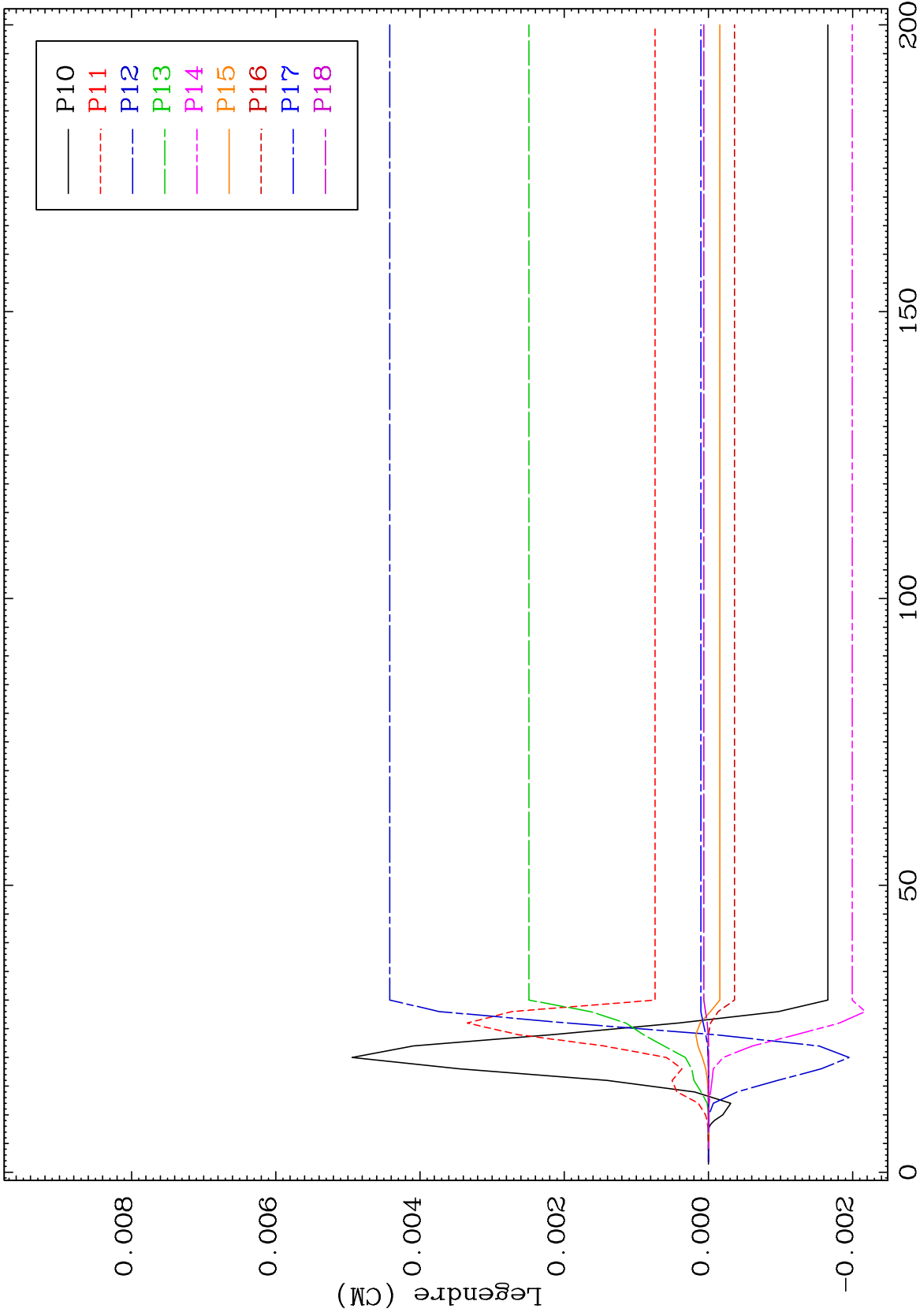
Incident Energy (MeV)

49-In-126

MAT 4964

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

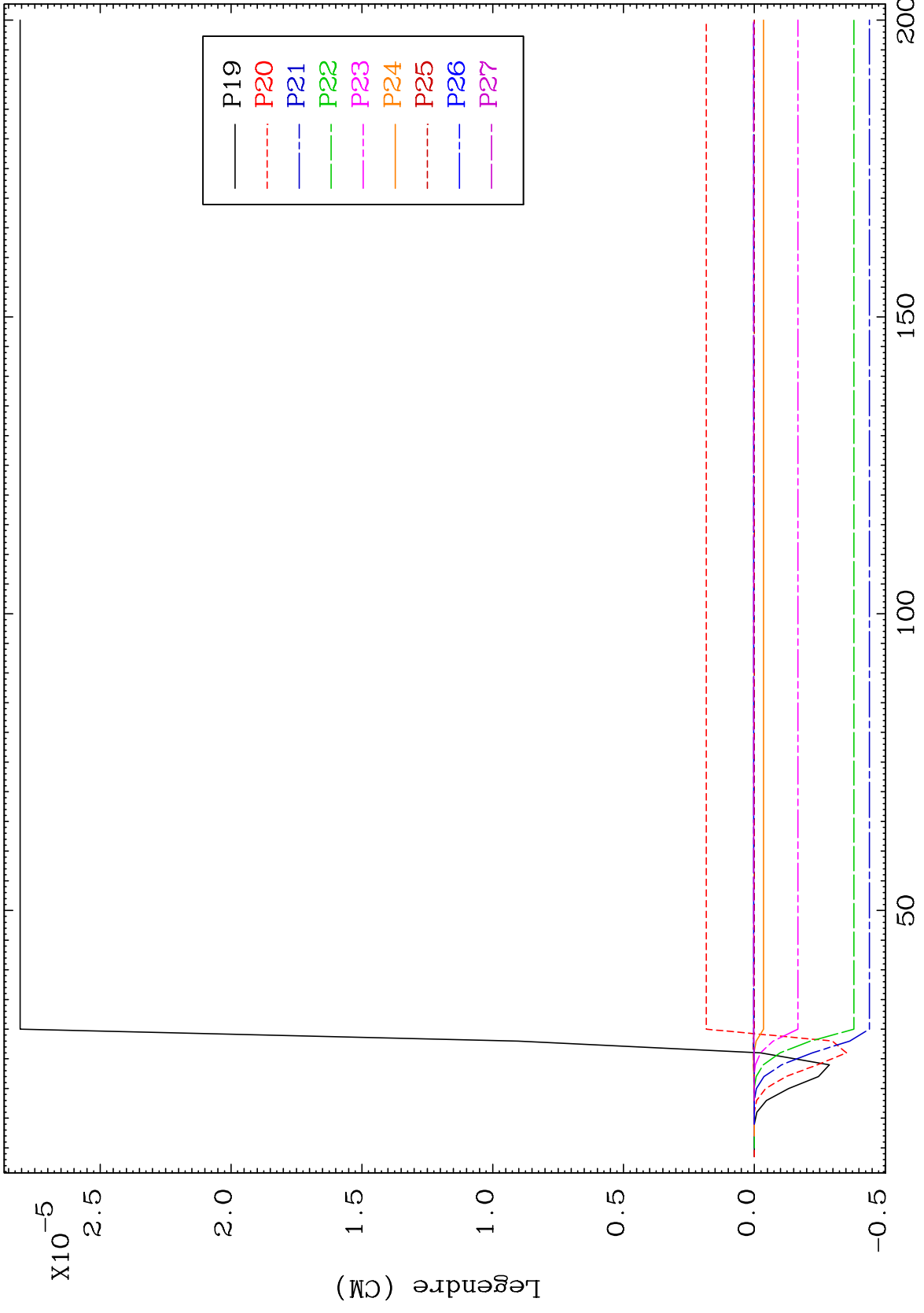
49-In-126



46

Incident Energy (MeV)

49-In-126

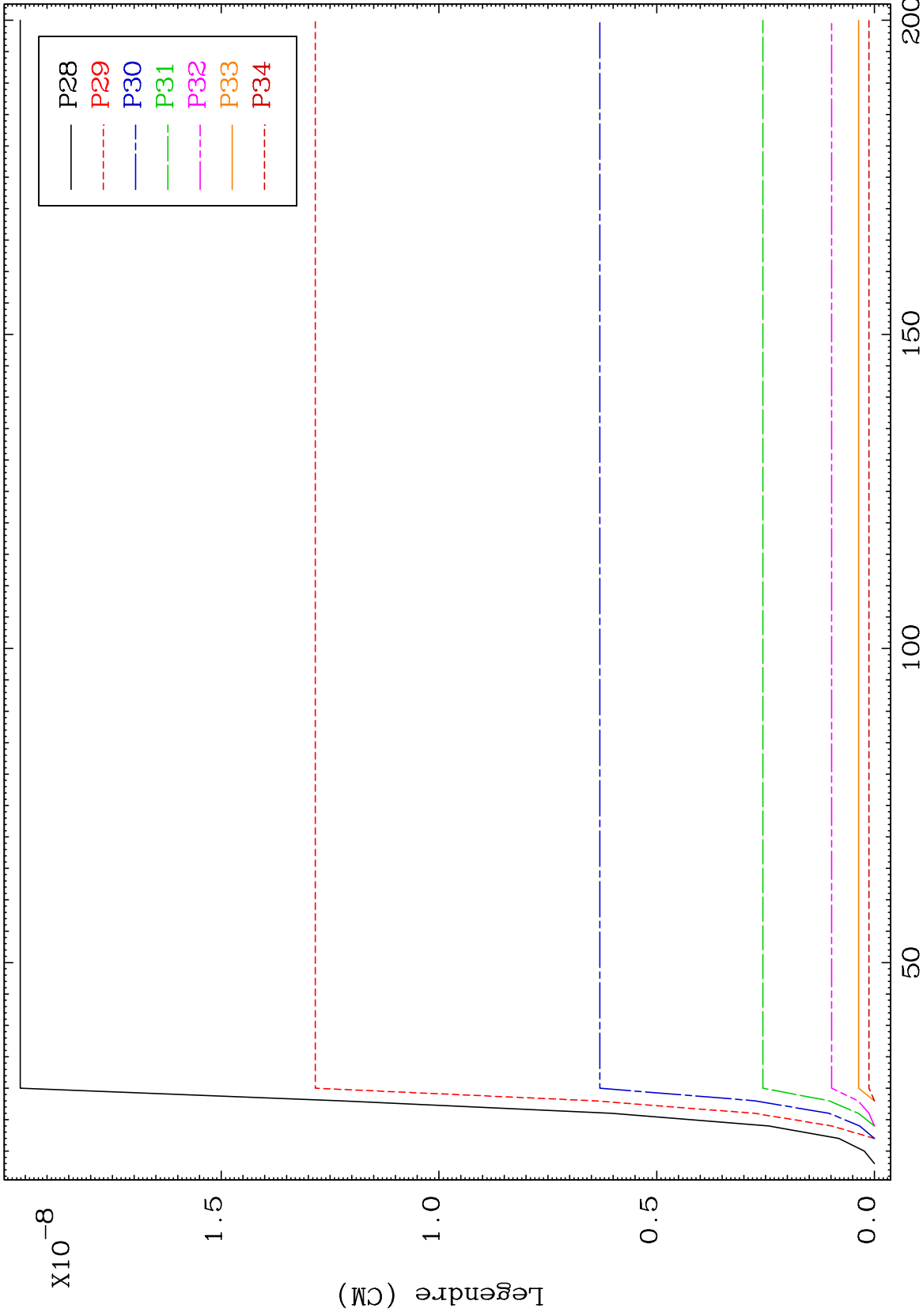




MAT 4964

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

49-In-126



48

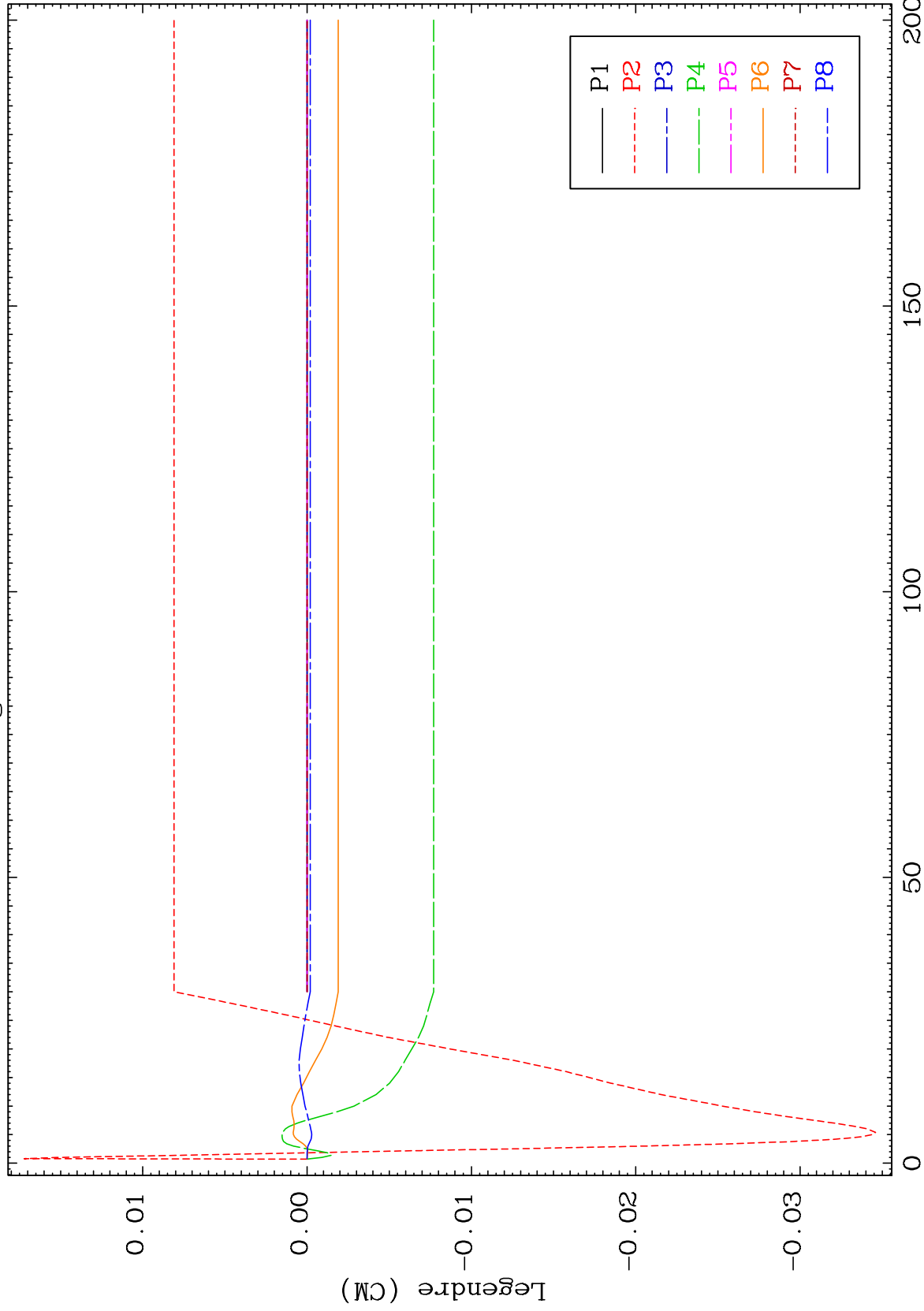
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



49

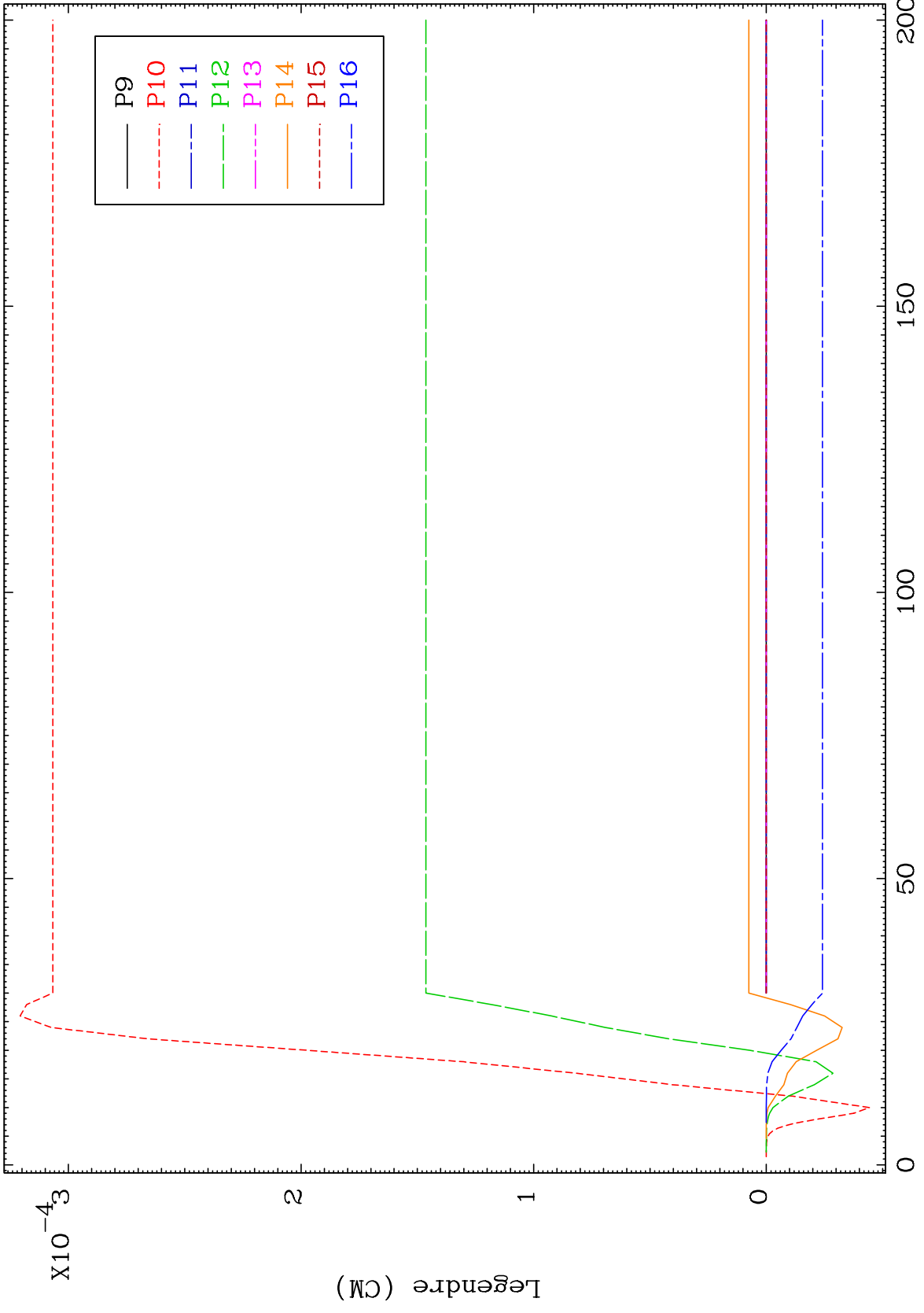
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



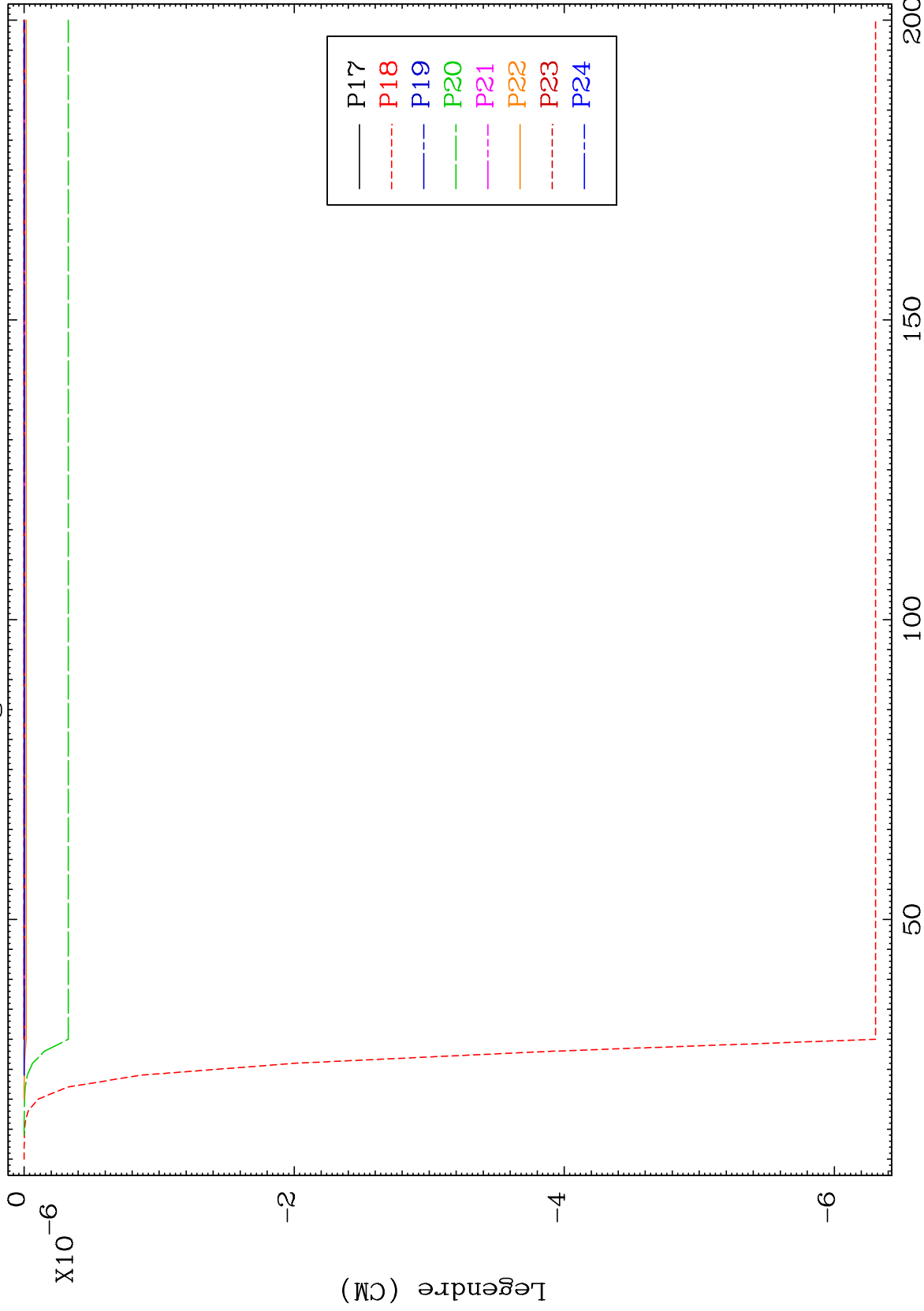
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



51

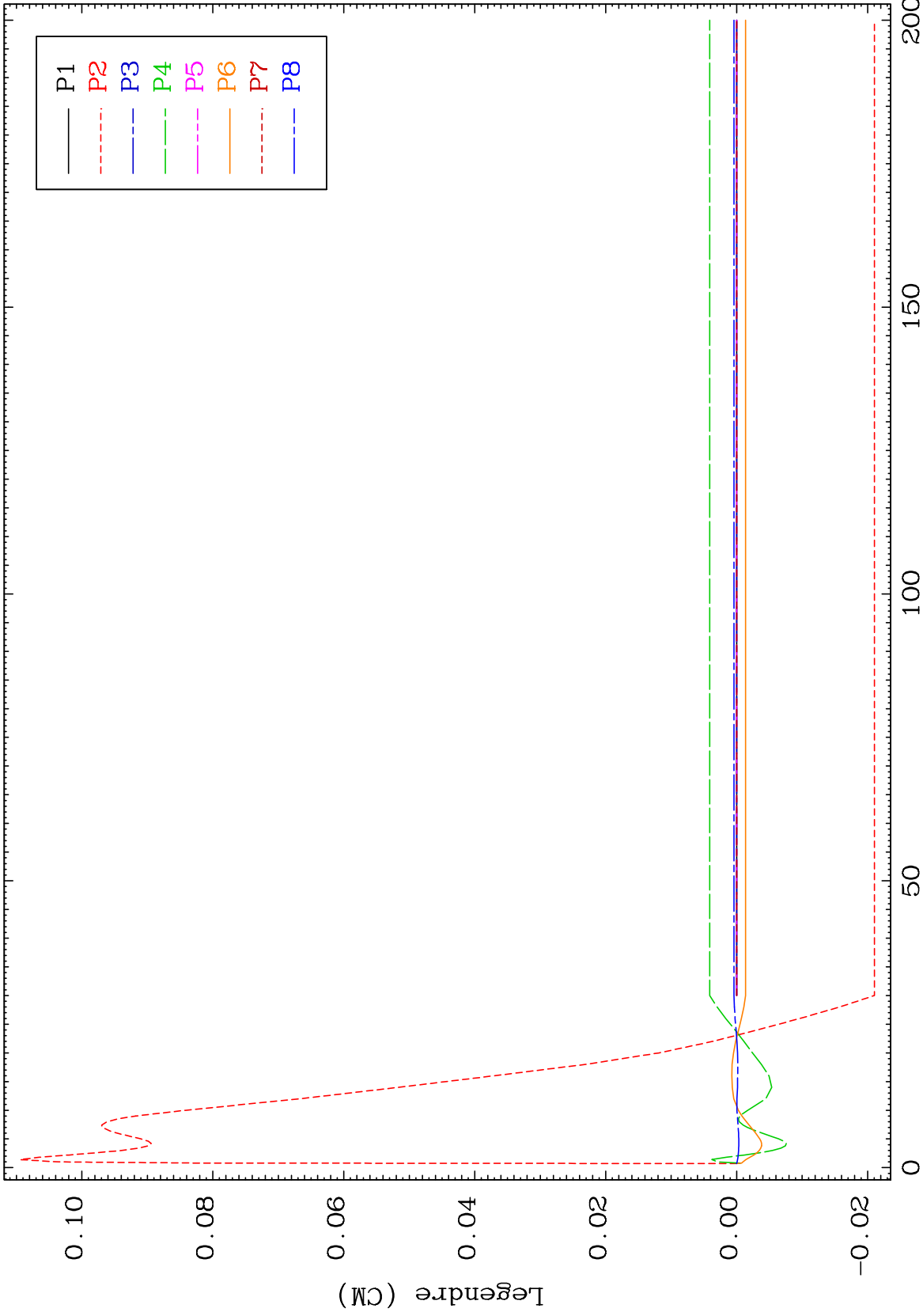
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



52

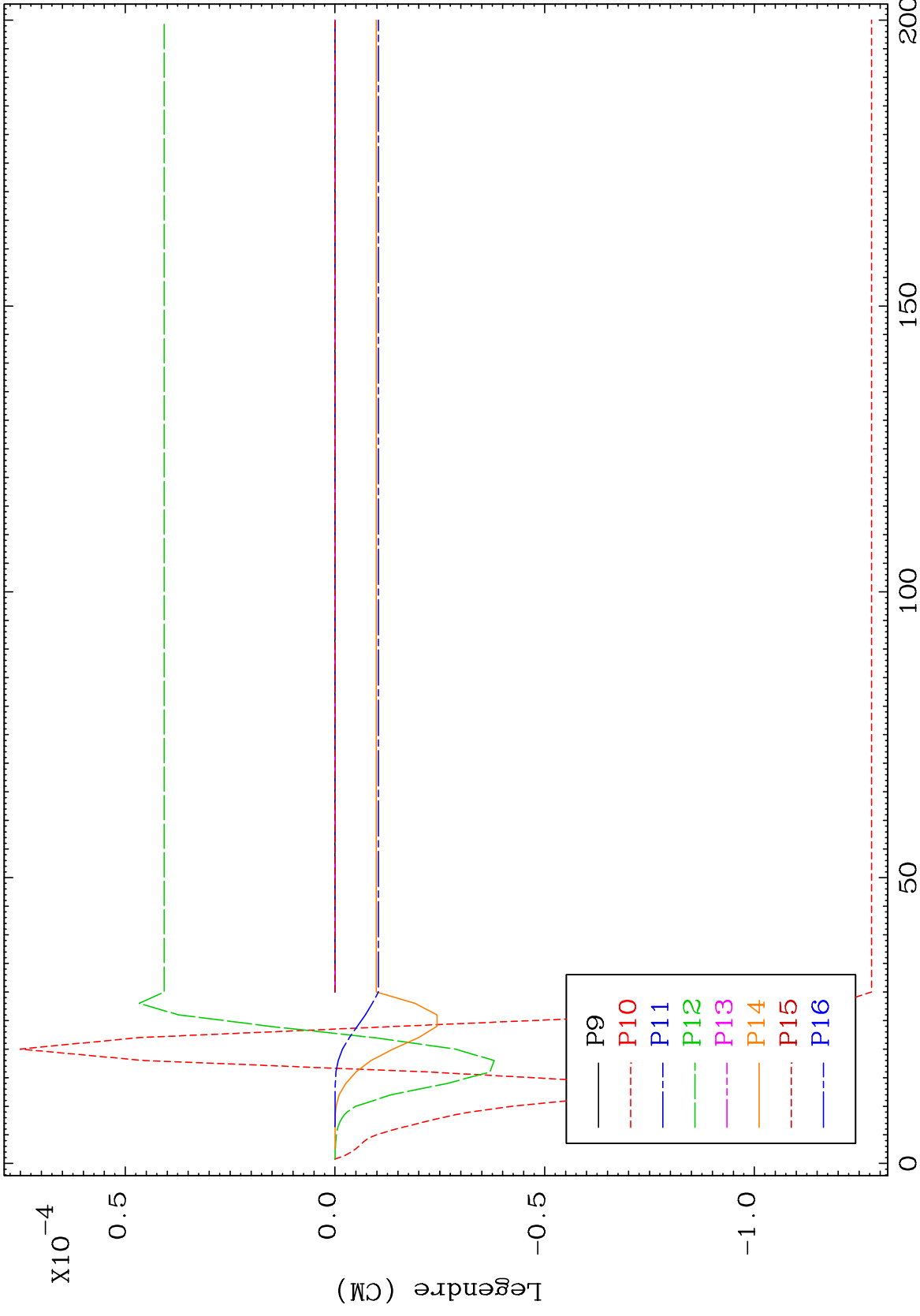
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



53

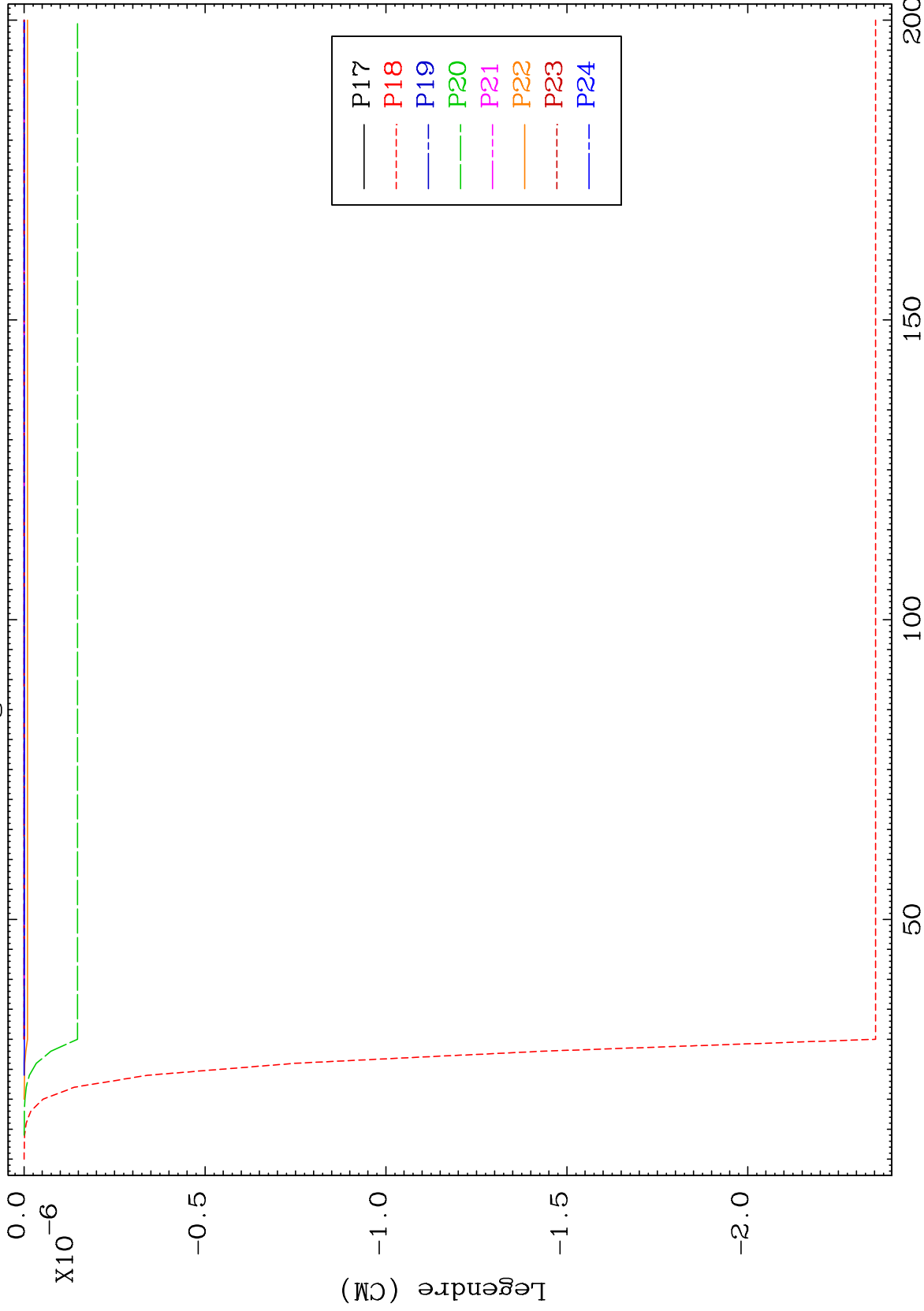
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



54

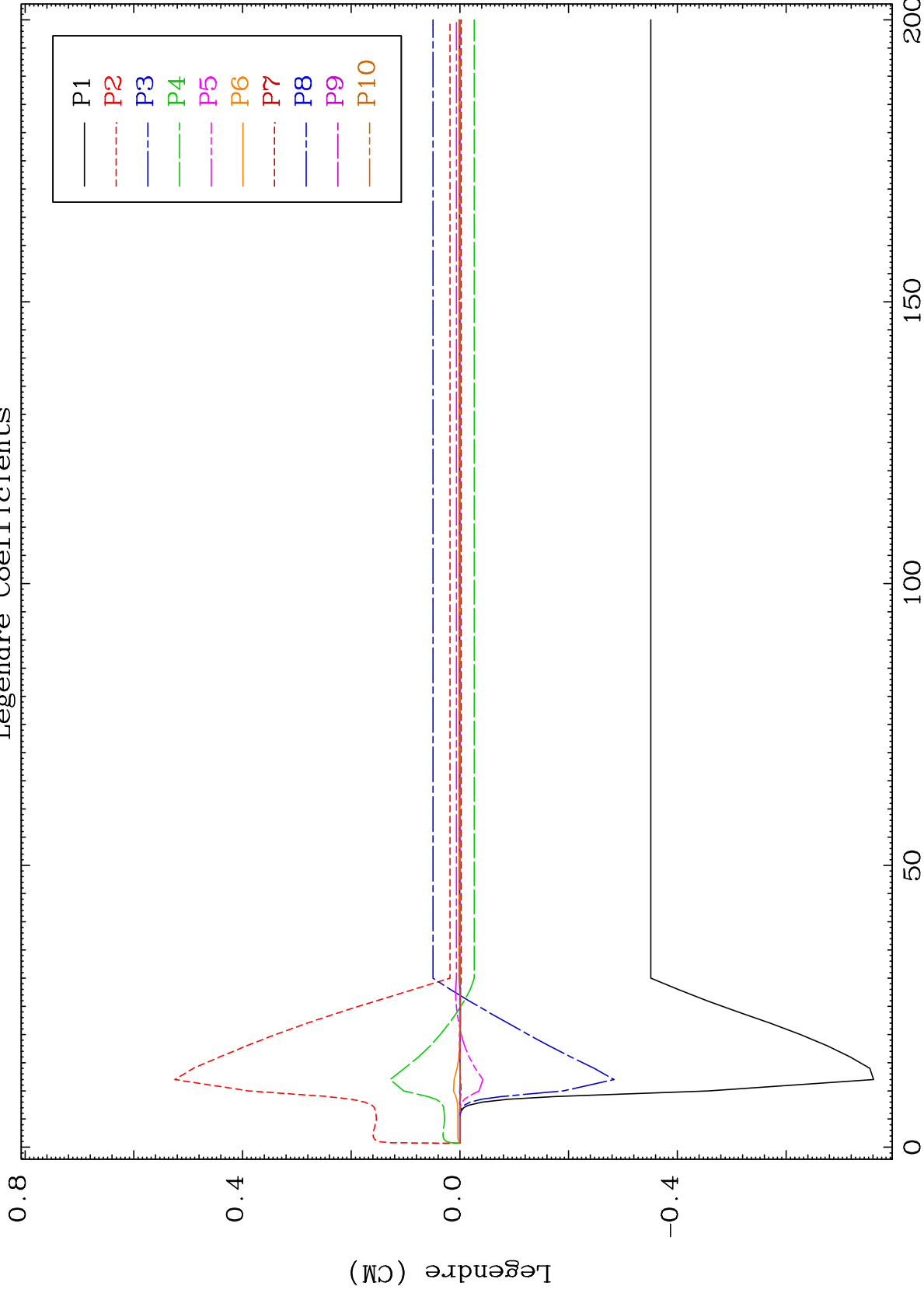
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



55

Incident Energy (MeV)

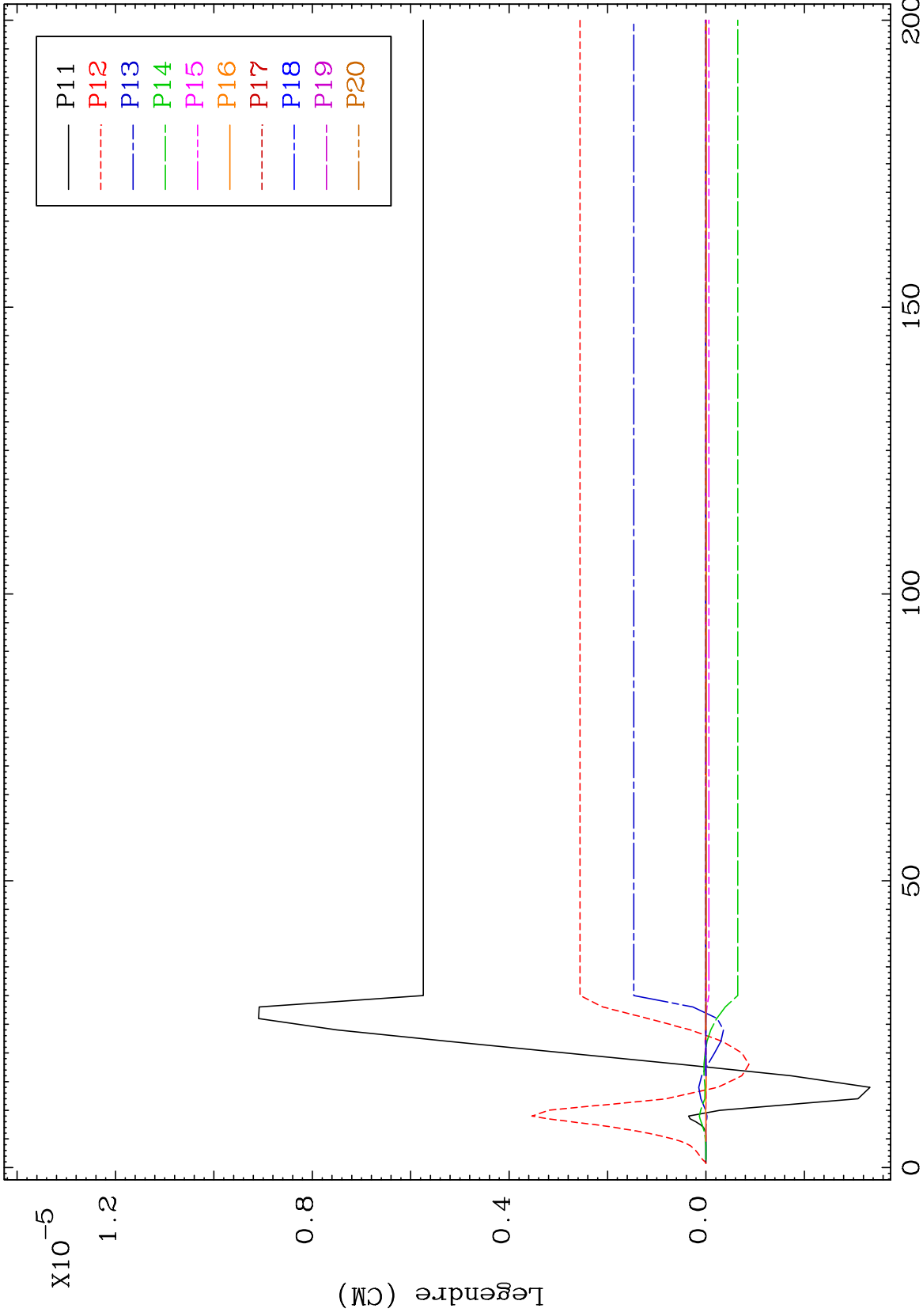
49-In-126



MAT 4964

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

49-In-126



56

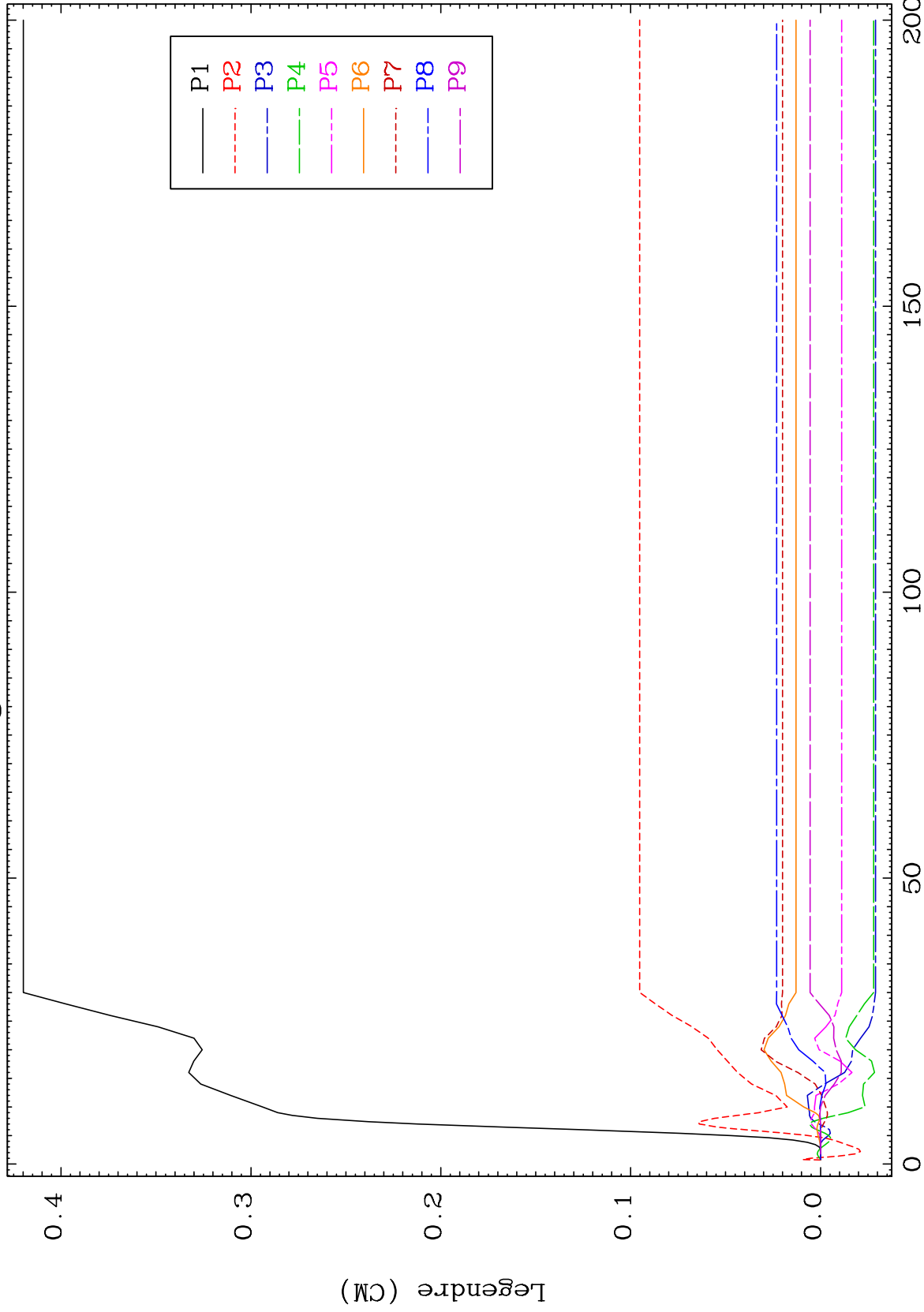
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



57

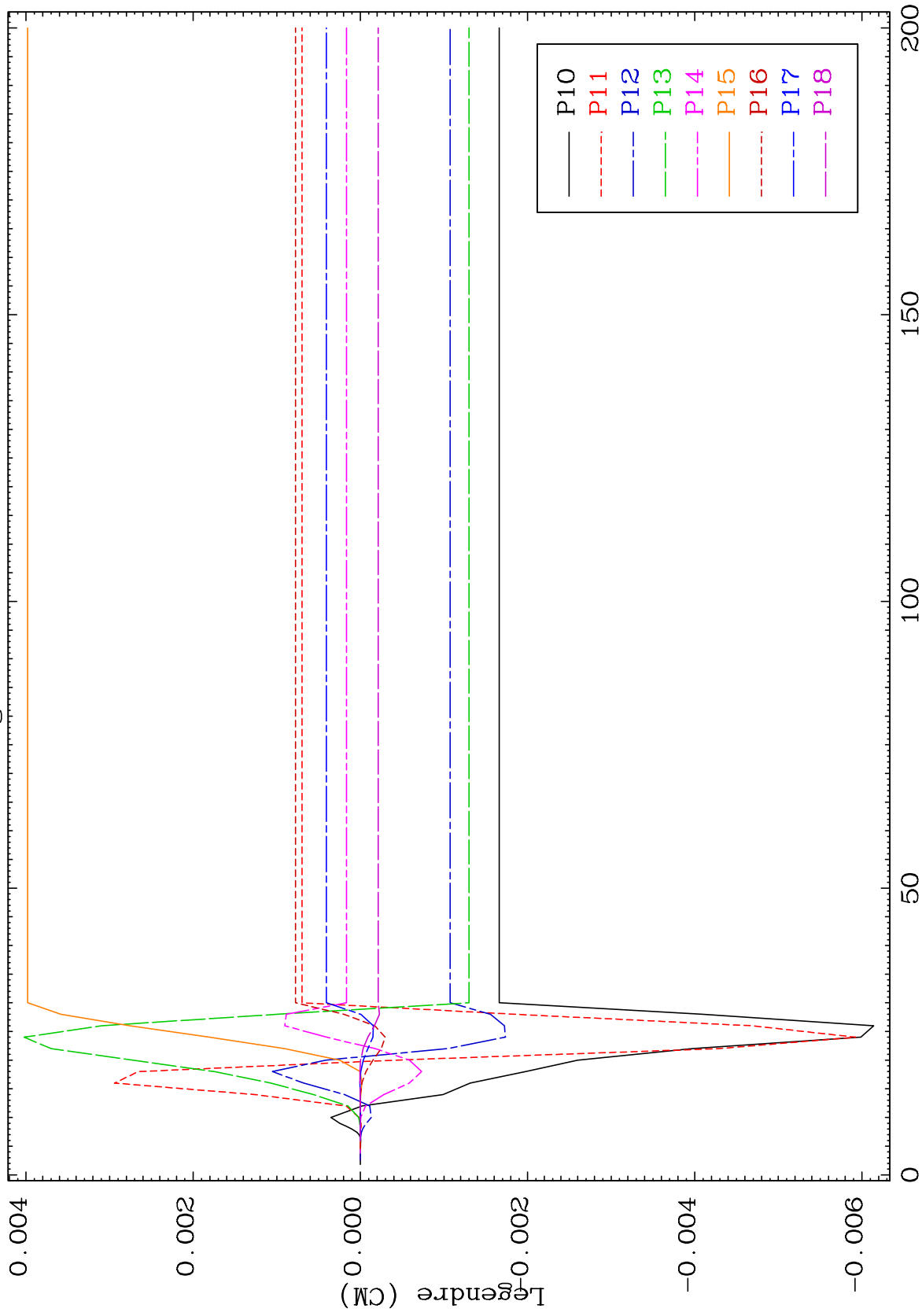
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



58

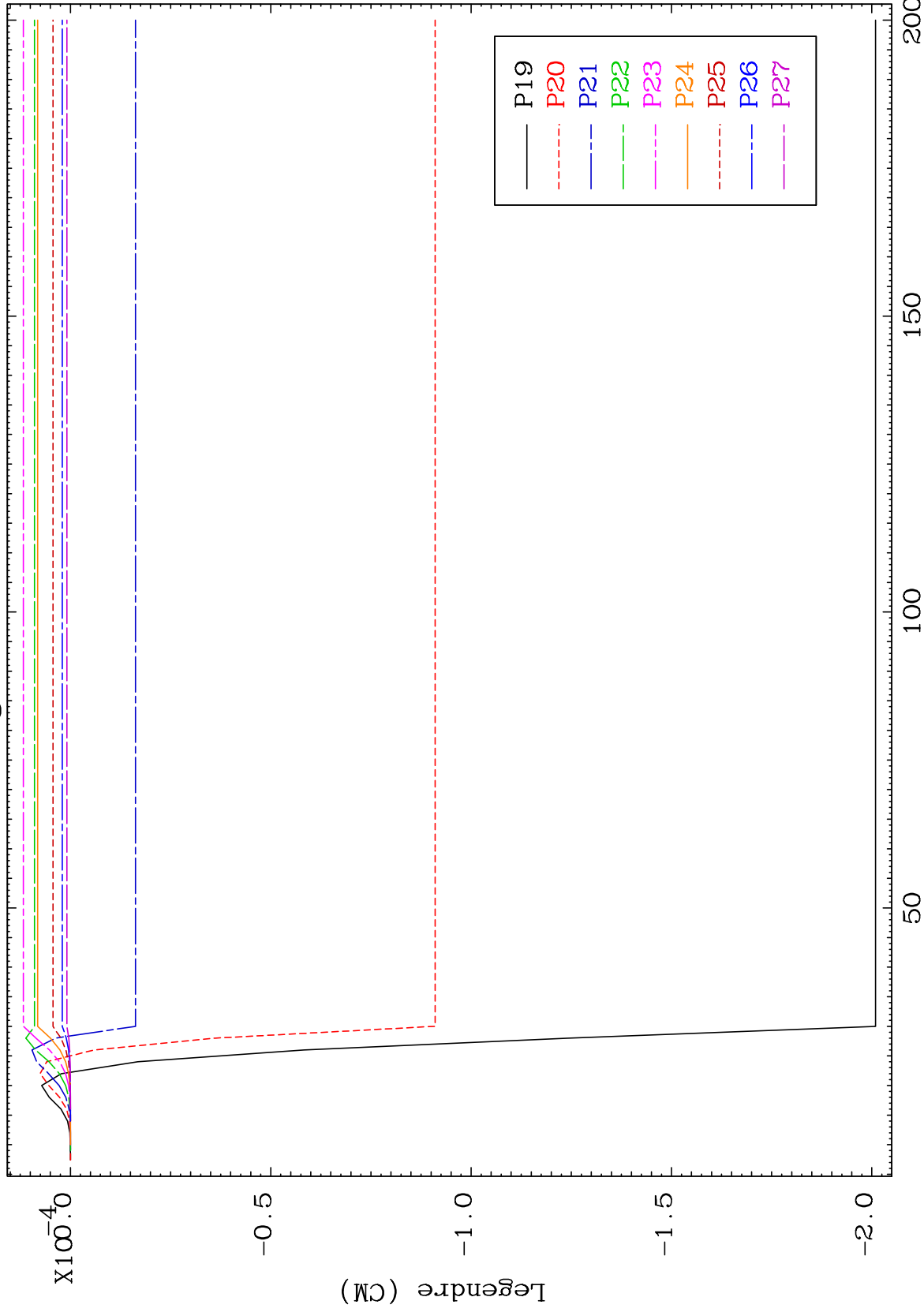
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



59

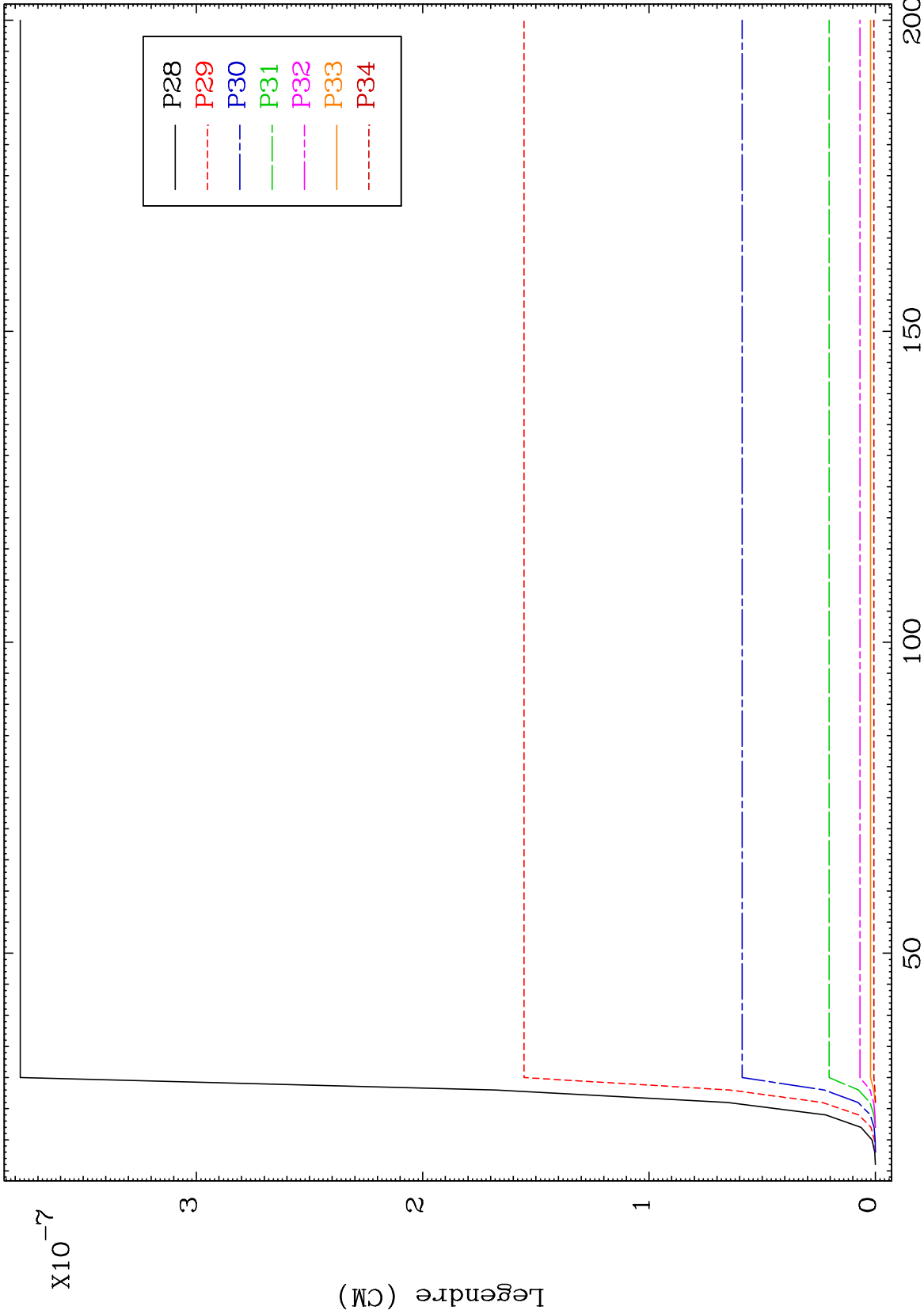
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



60

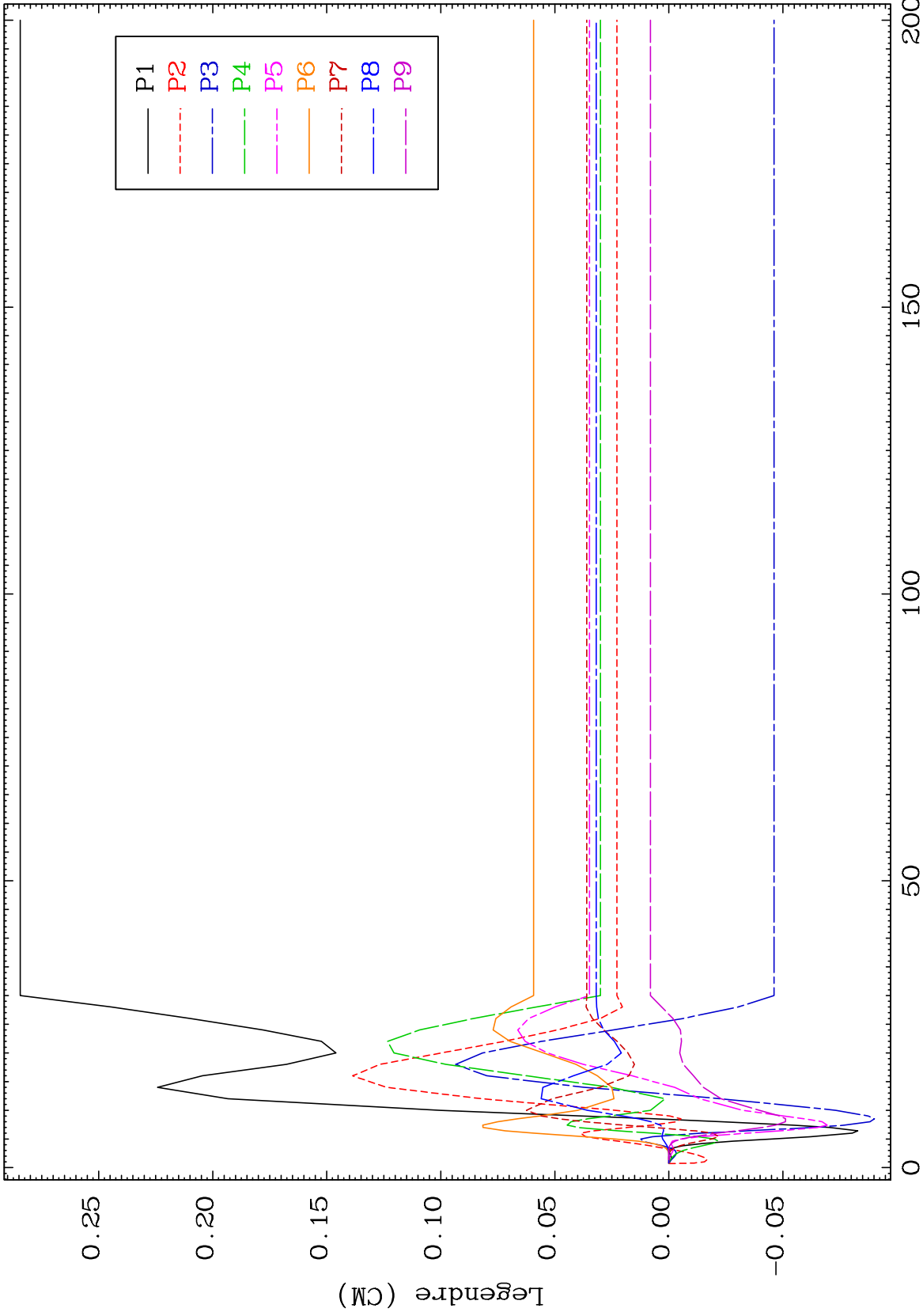
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



61

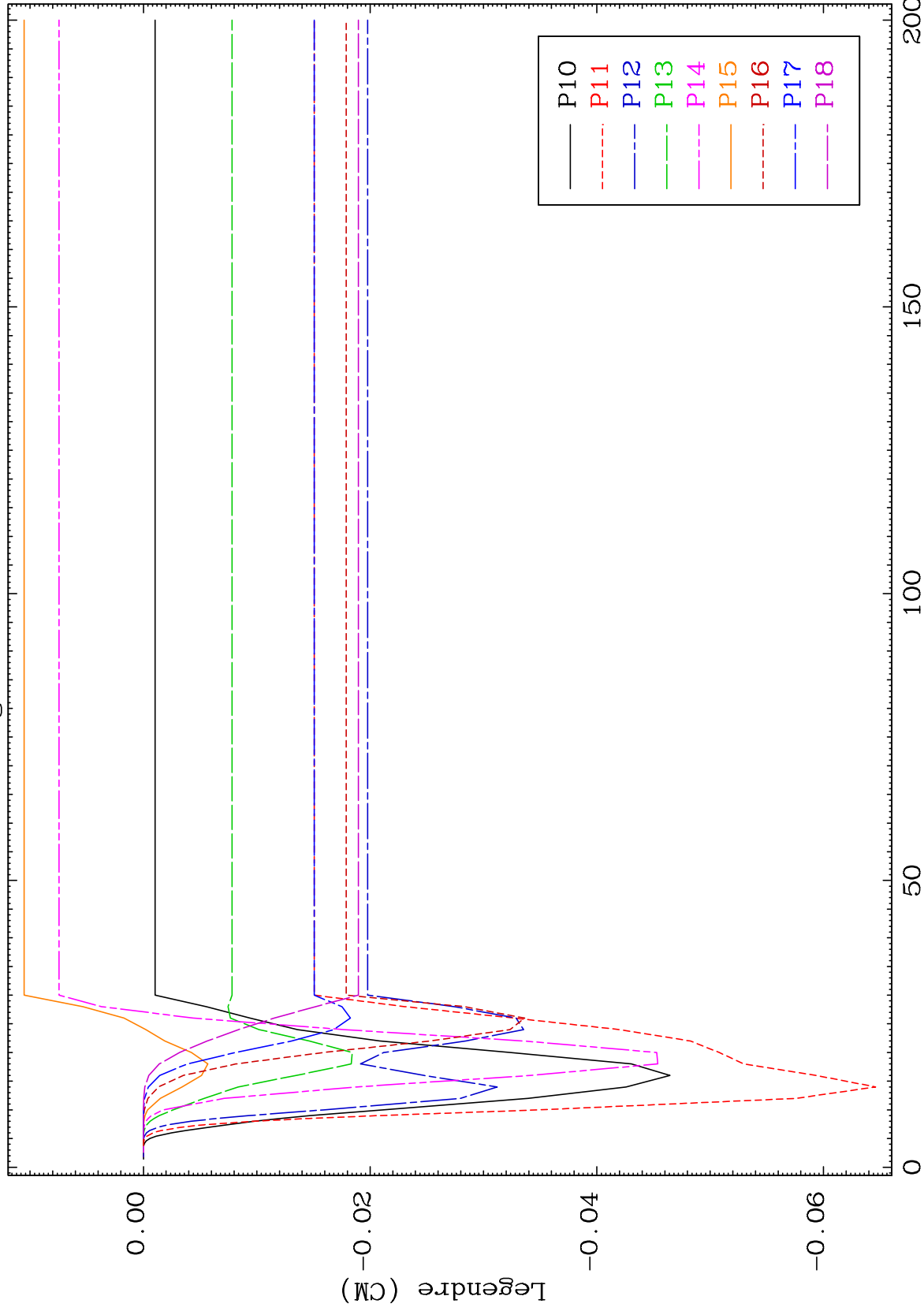
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



62

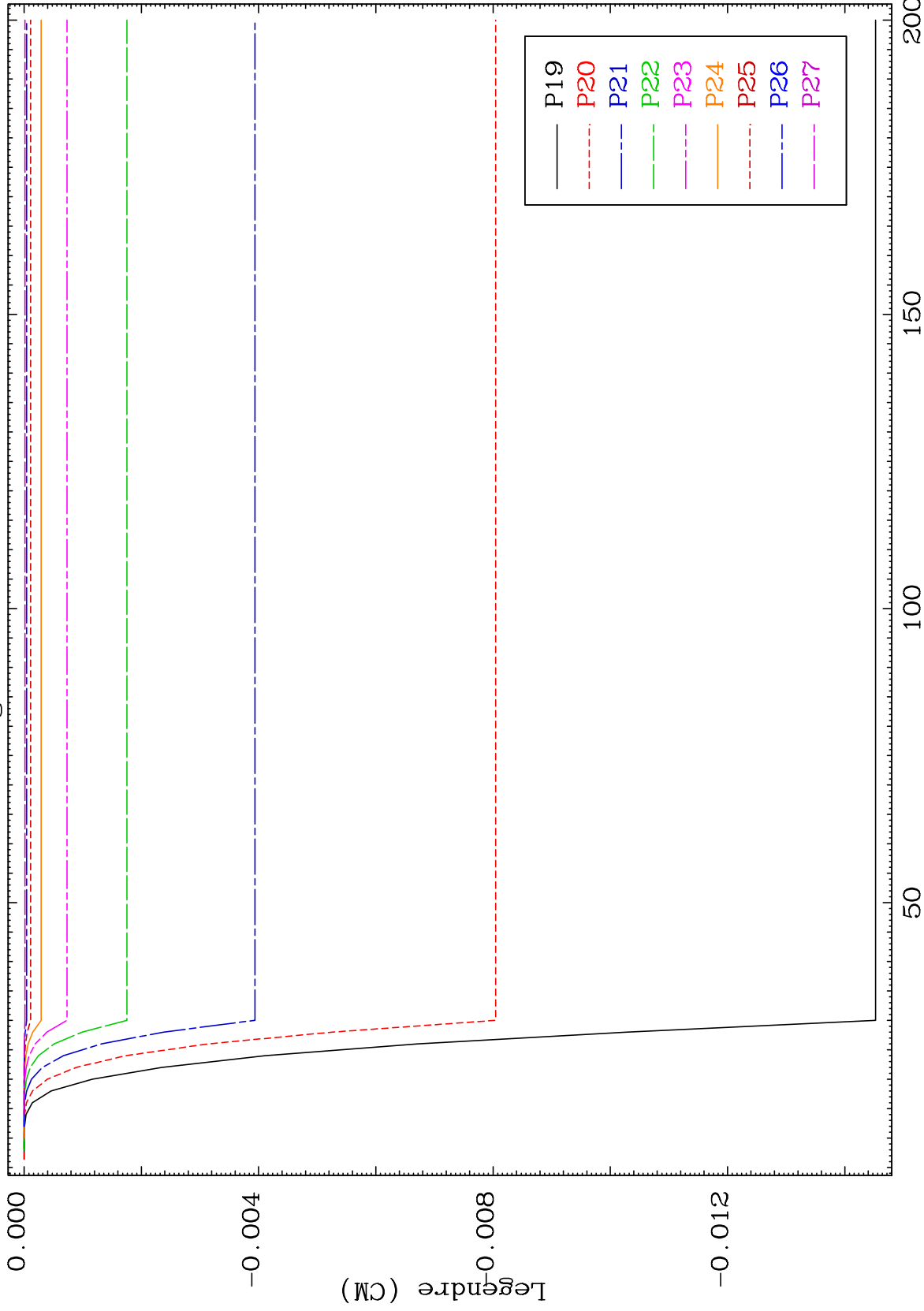
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



49-In-126

Incident Energy (MeV)

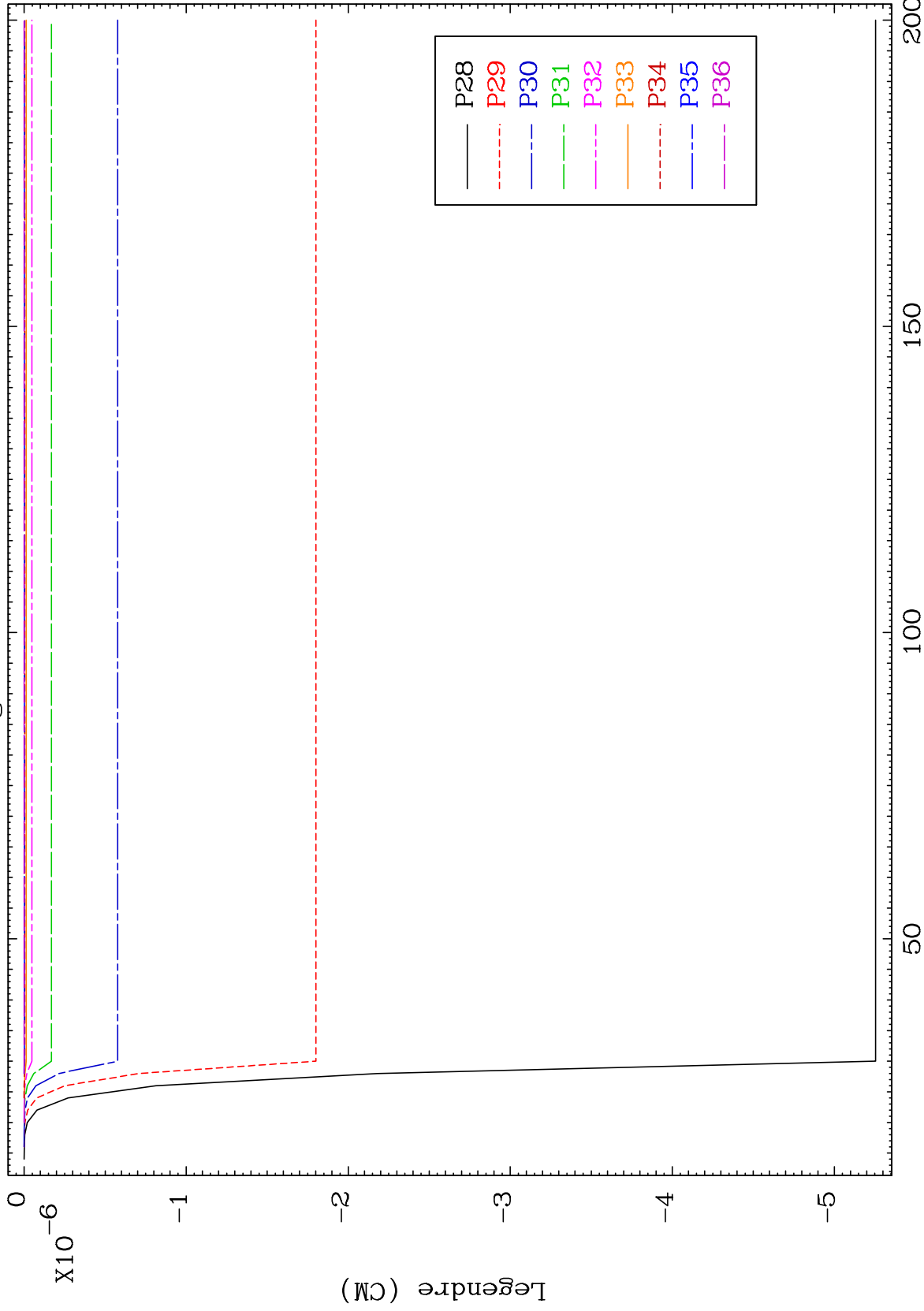
63



MAT 4964

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

49-In-126



64

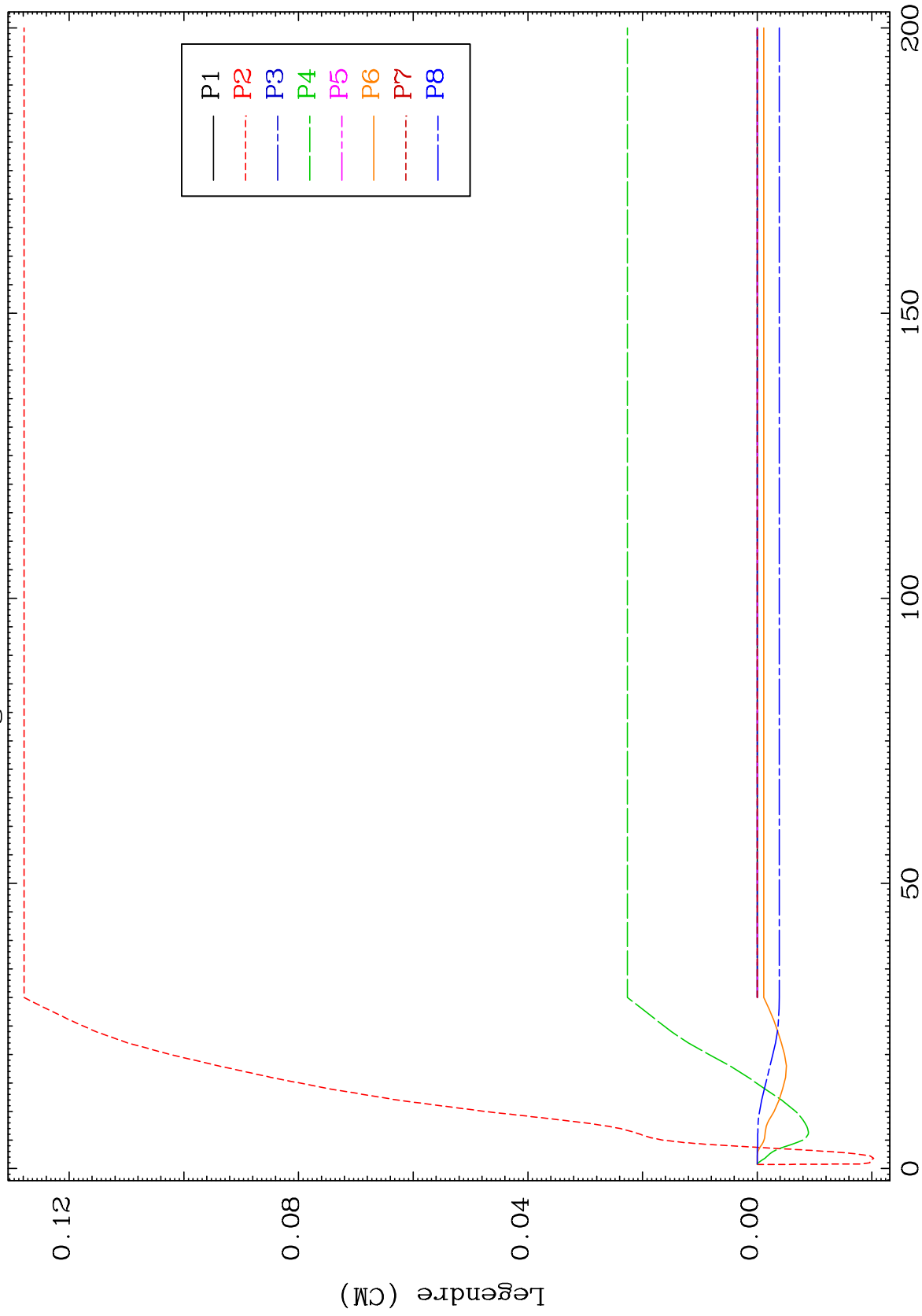
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



65

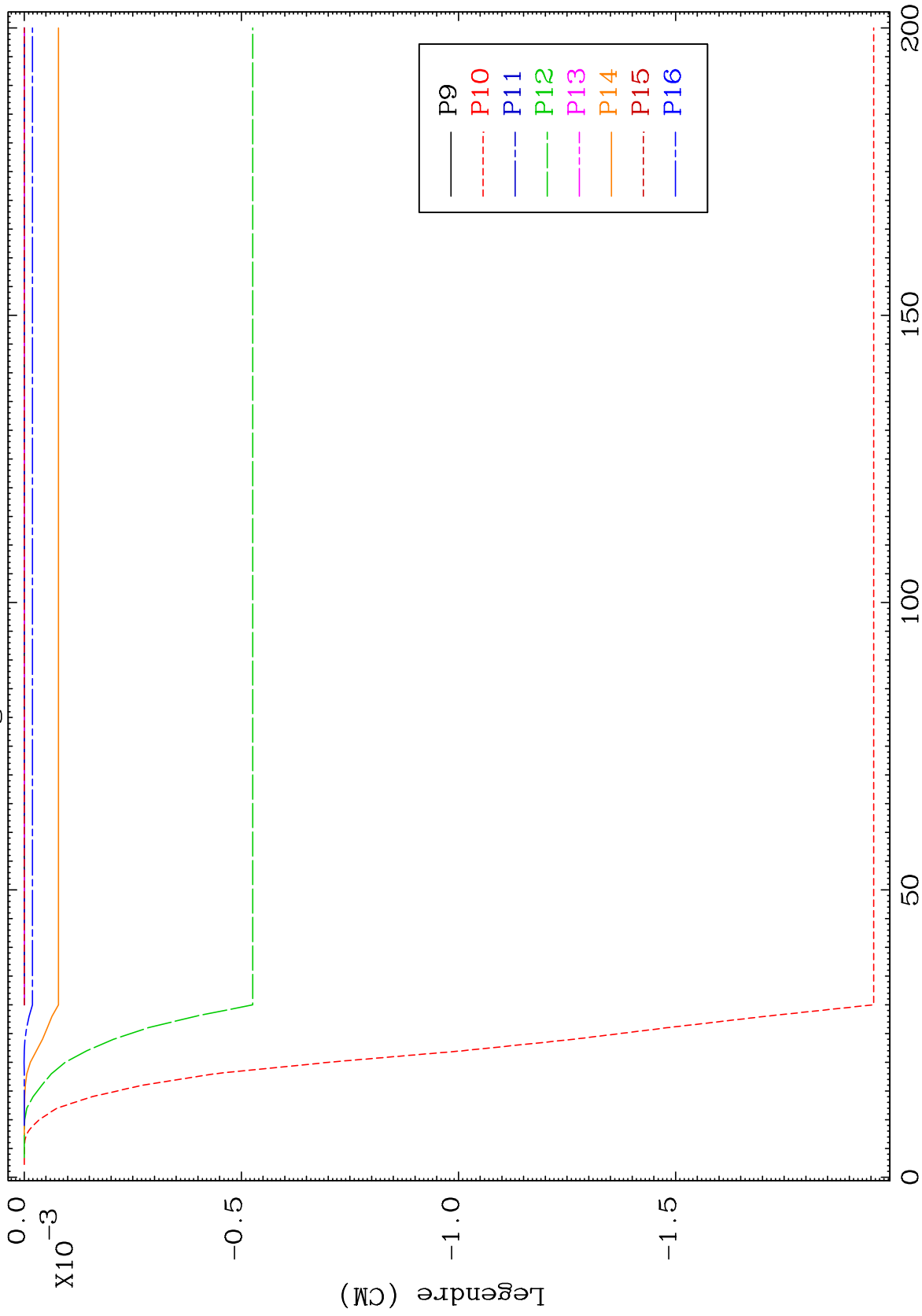
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



66

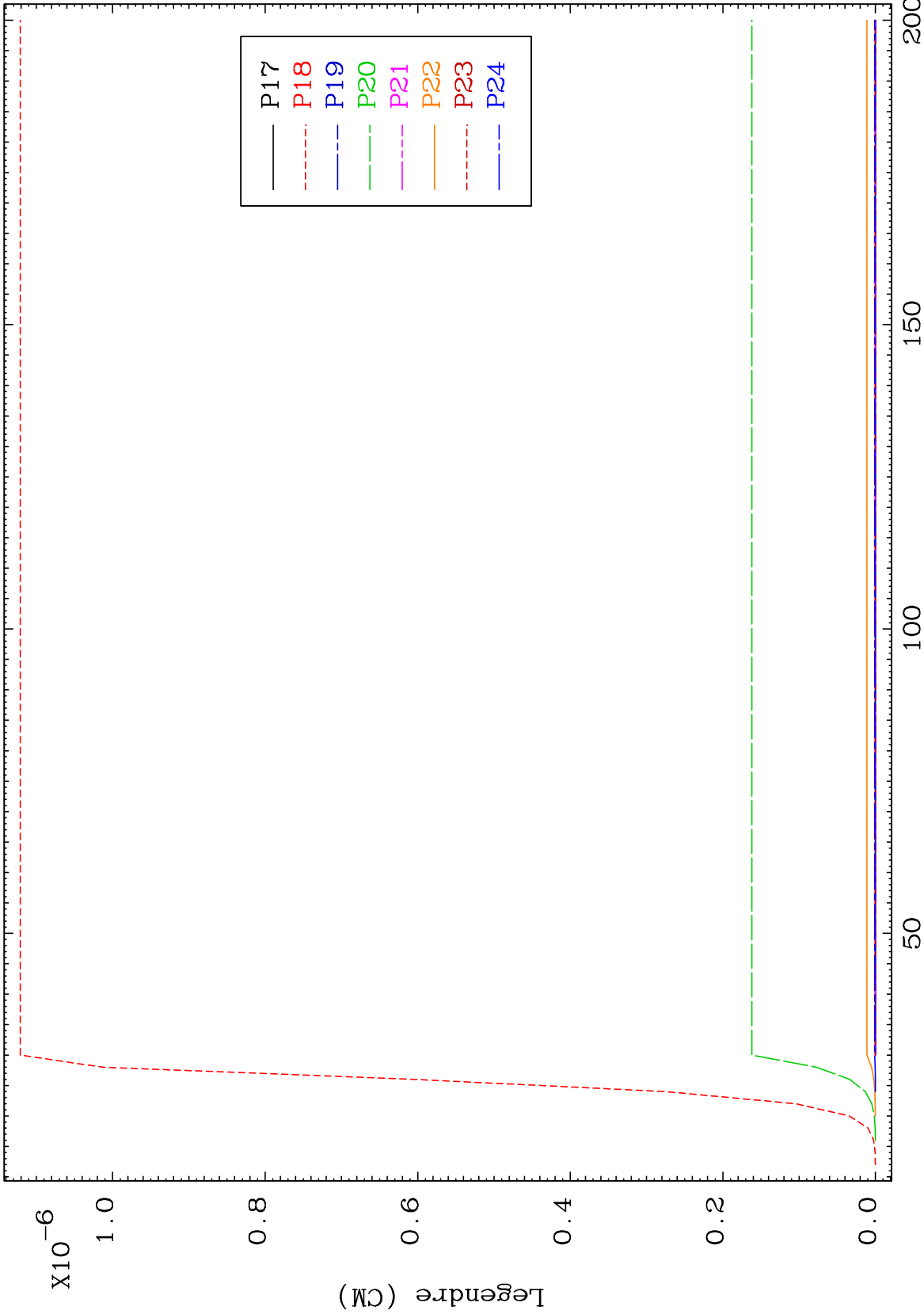
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



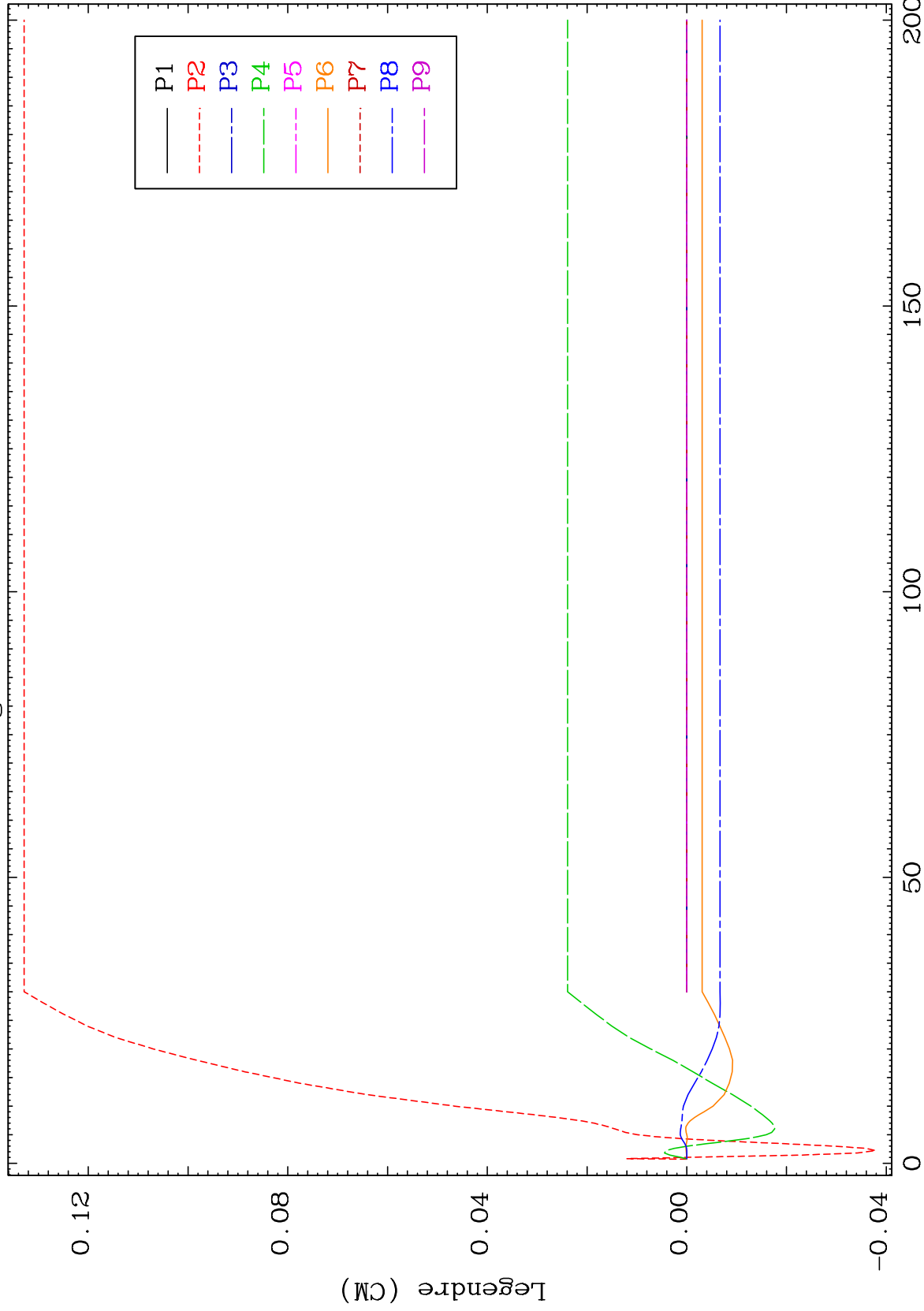
67

49-In-126

MAT 4964

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

49-In-126



68

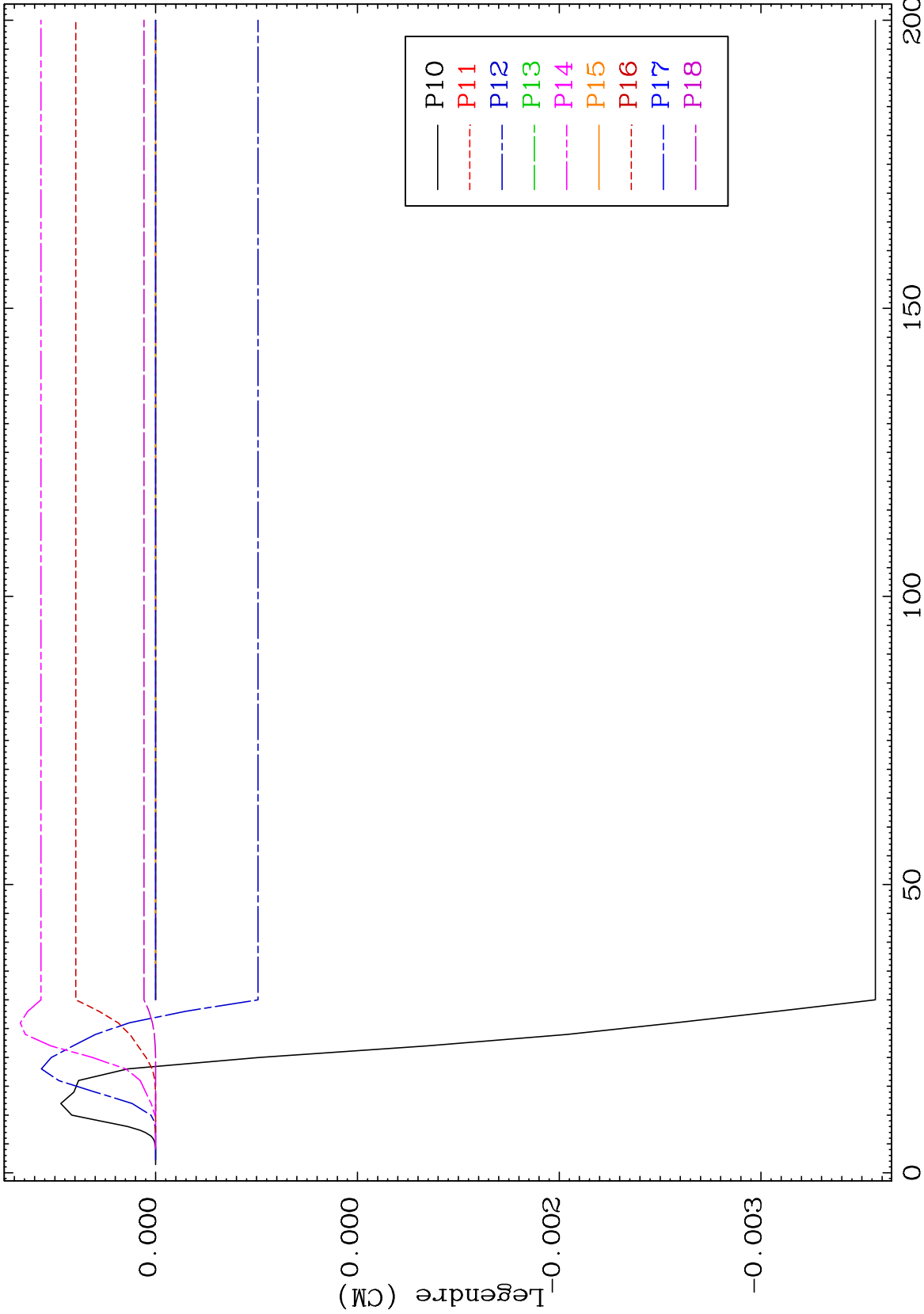
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



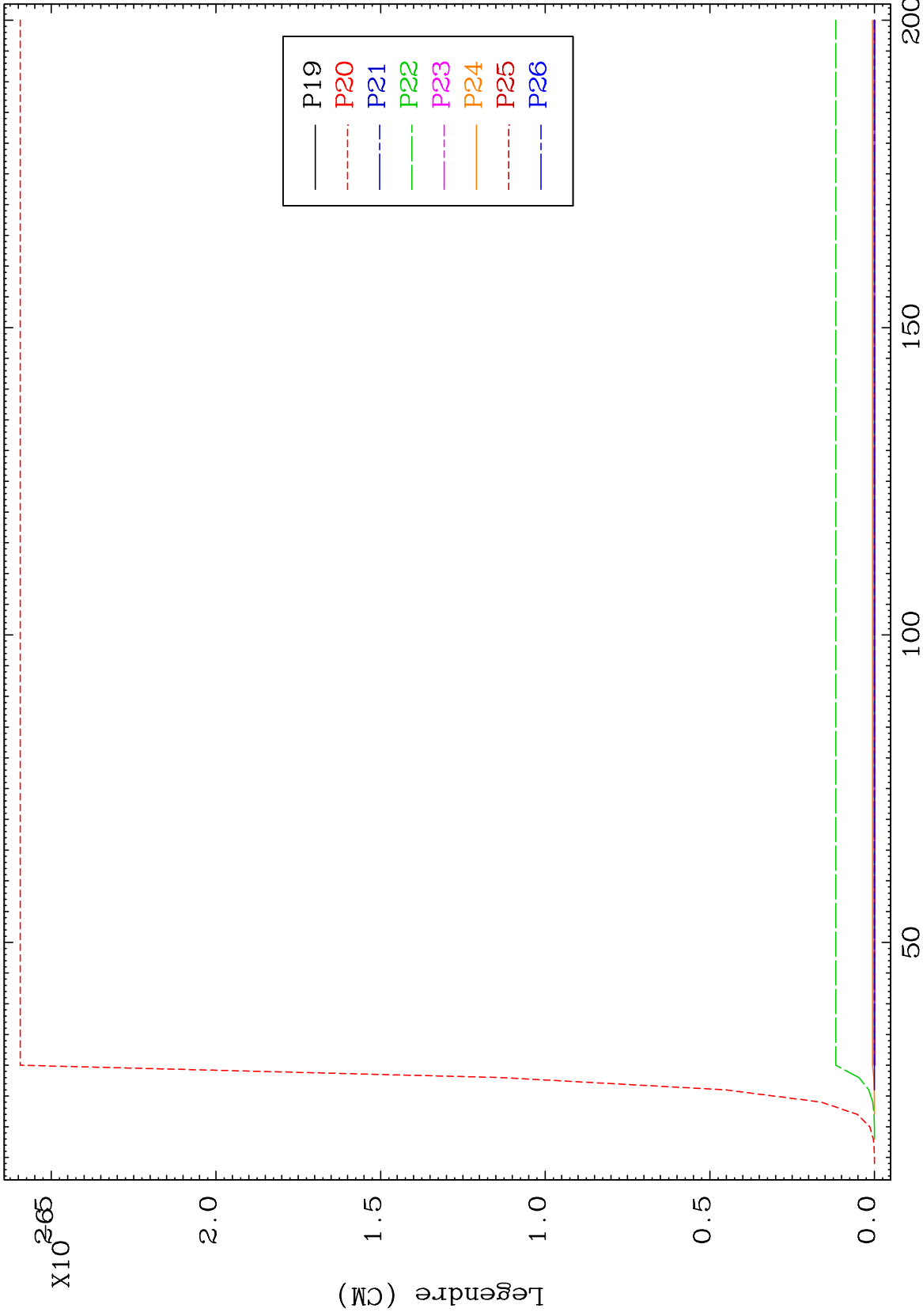
69

49-In-126

MAT 4964

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

49-In-126



70

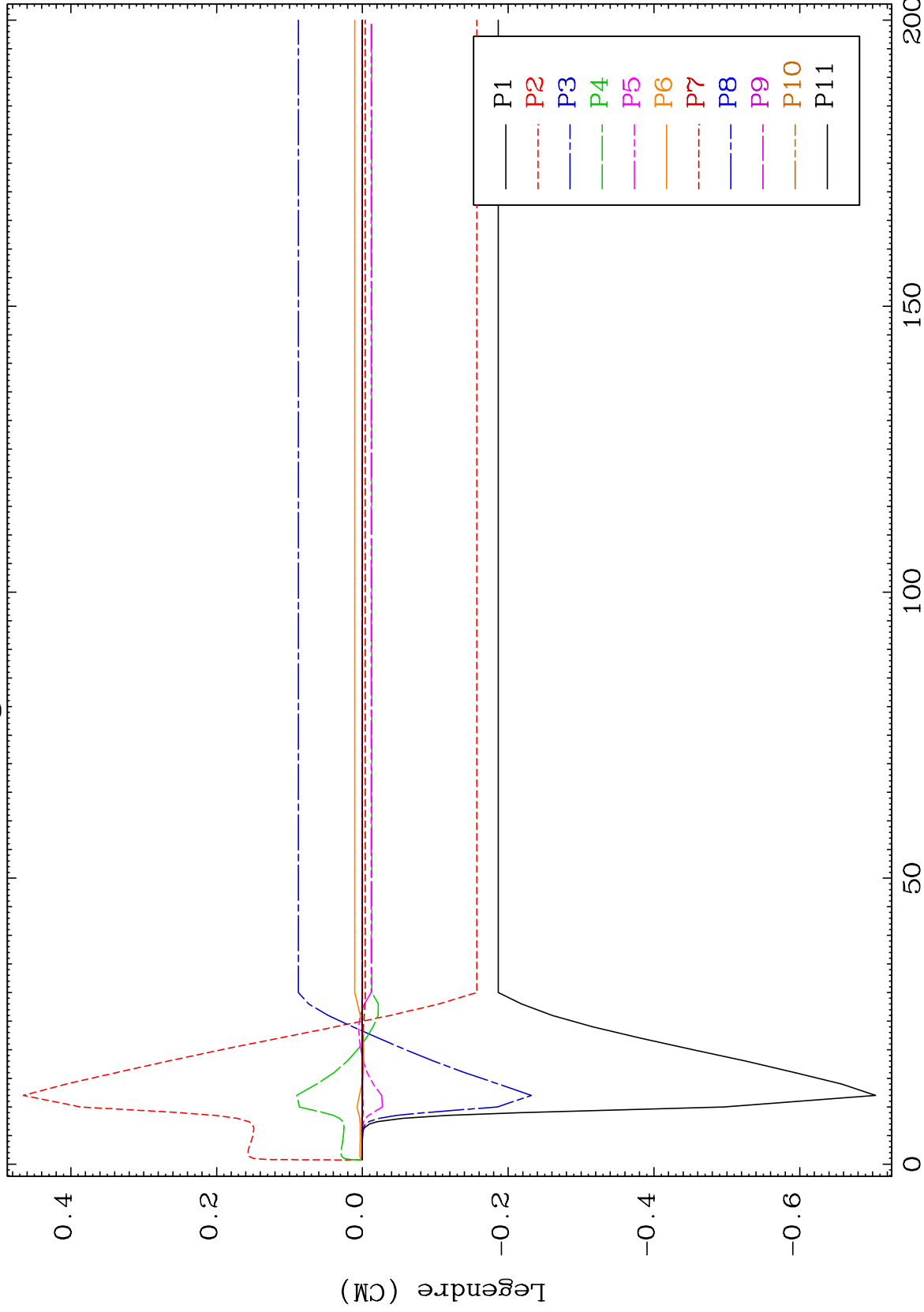
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



71

Incident Energy (MeV)

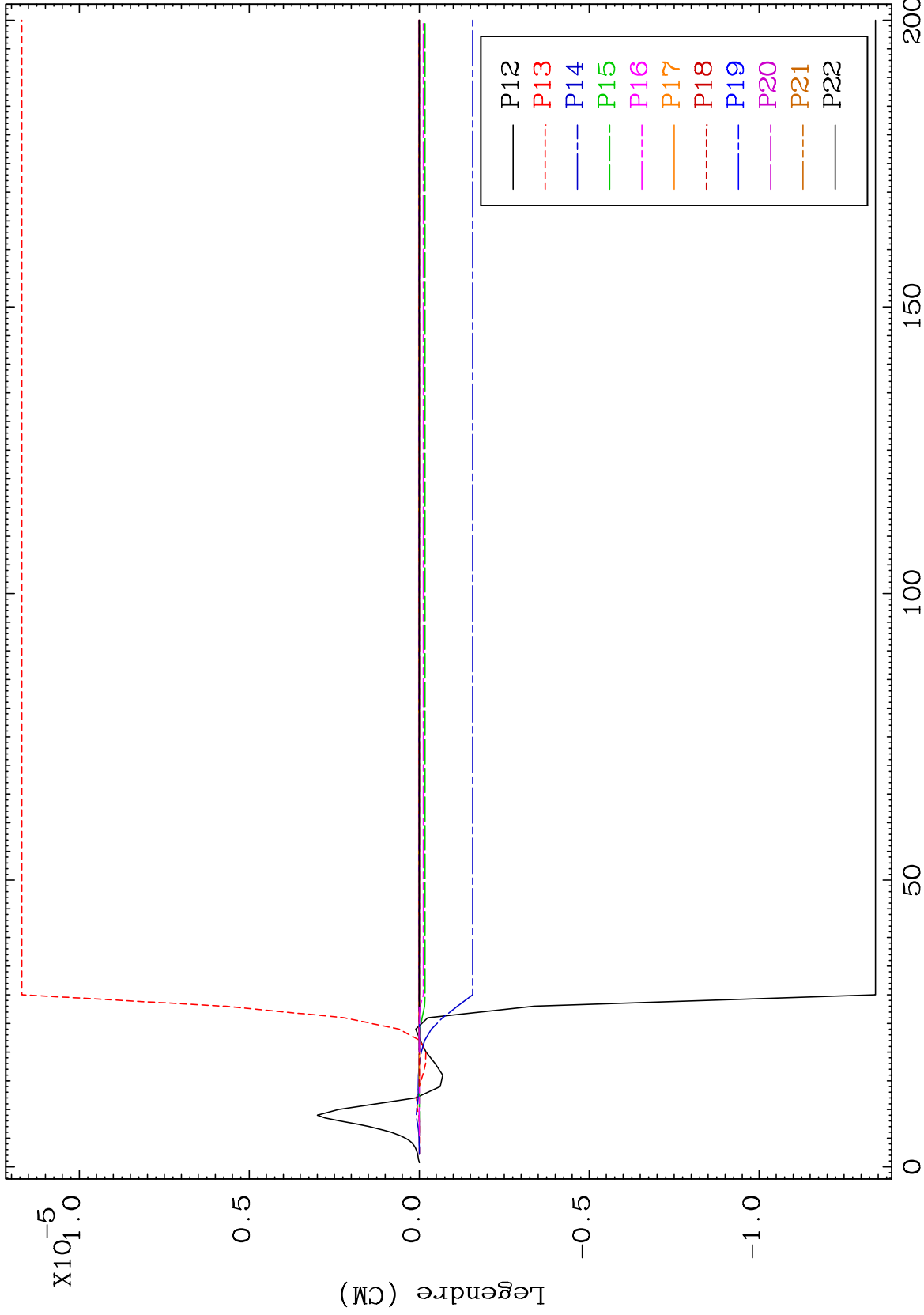
49-In-126



MAT 4964

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

49-In-126



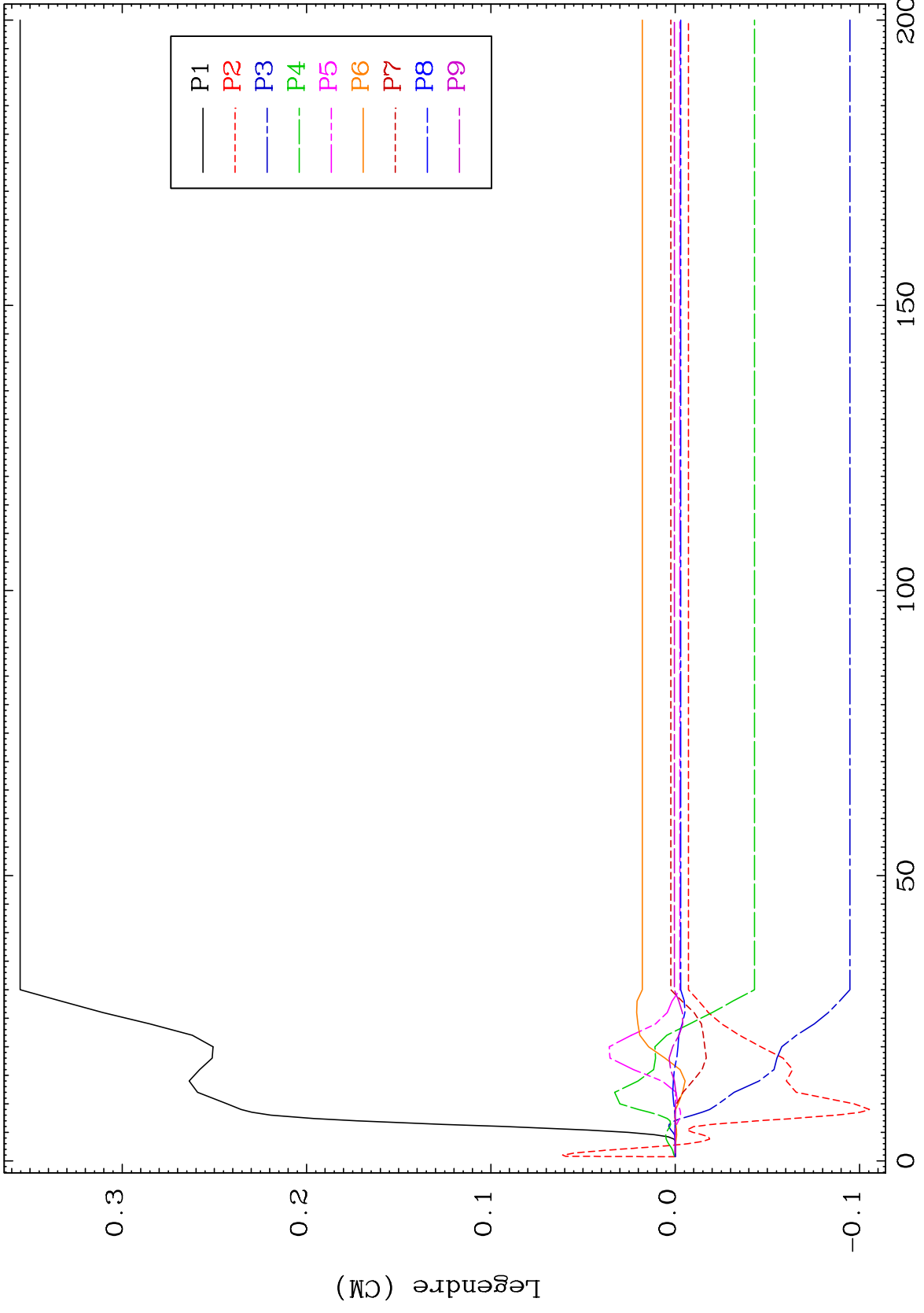
72

49-In-126

MAT 4964

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

49-In-126



73

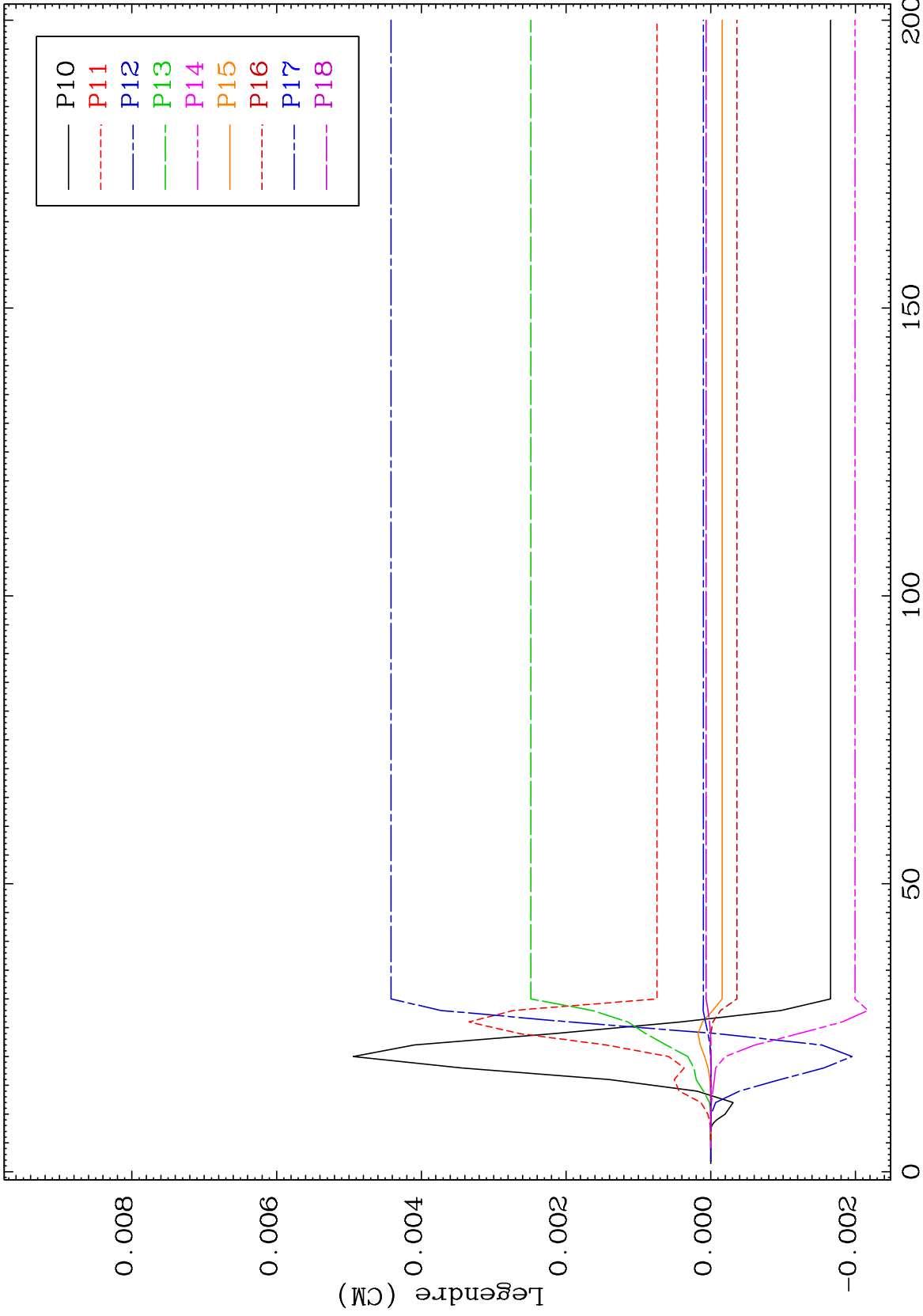
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



74

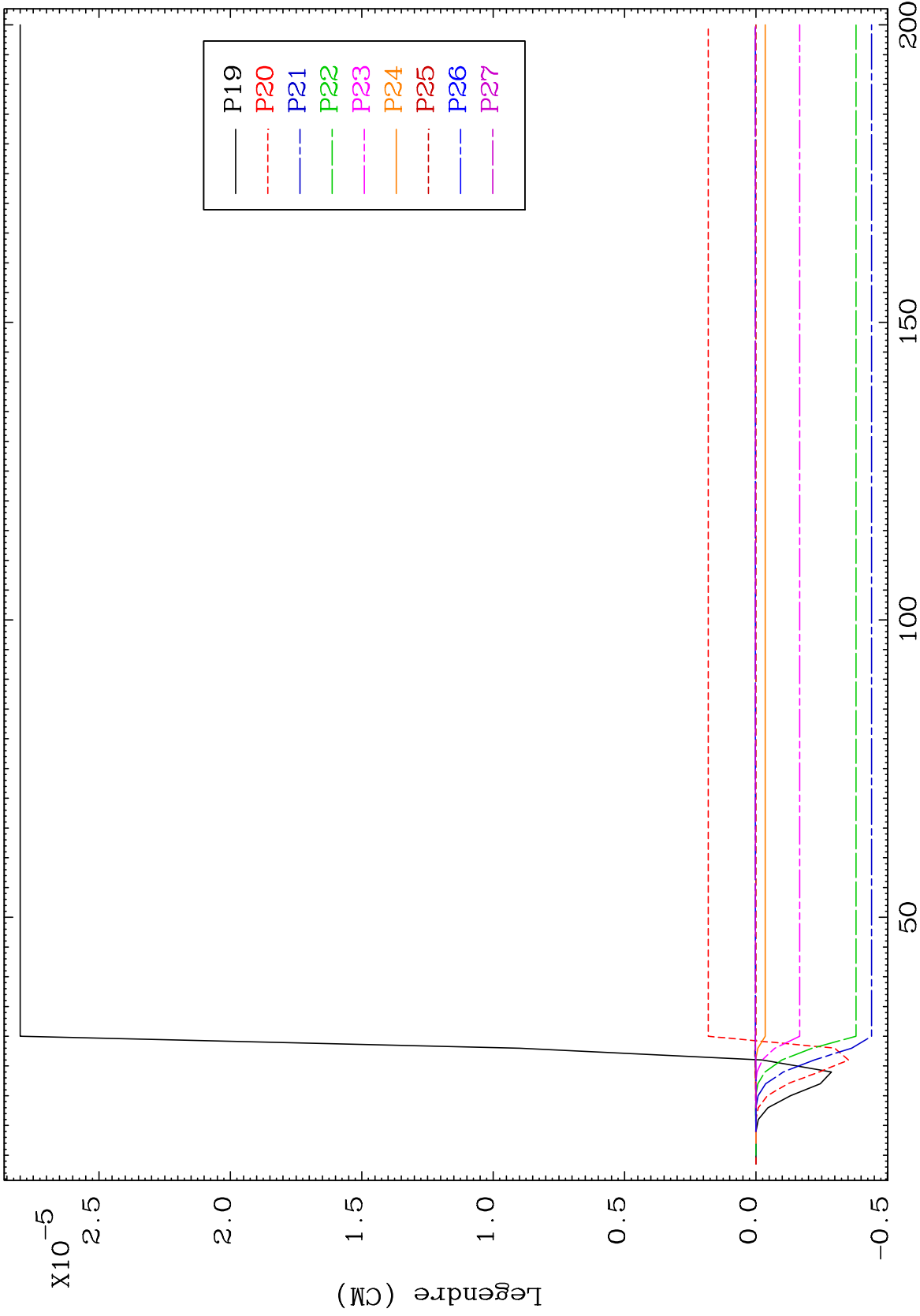
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



75

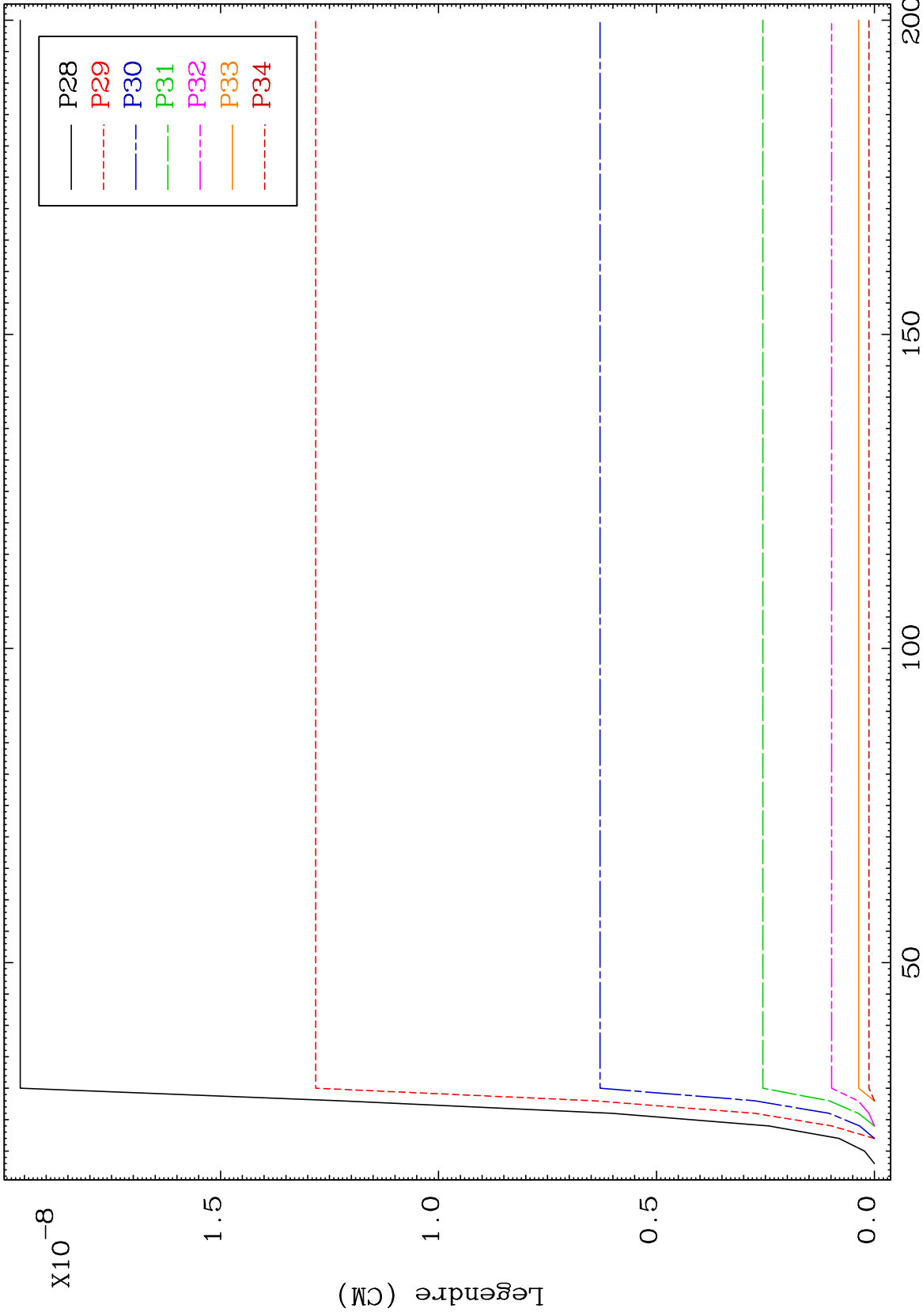
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



76

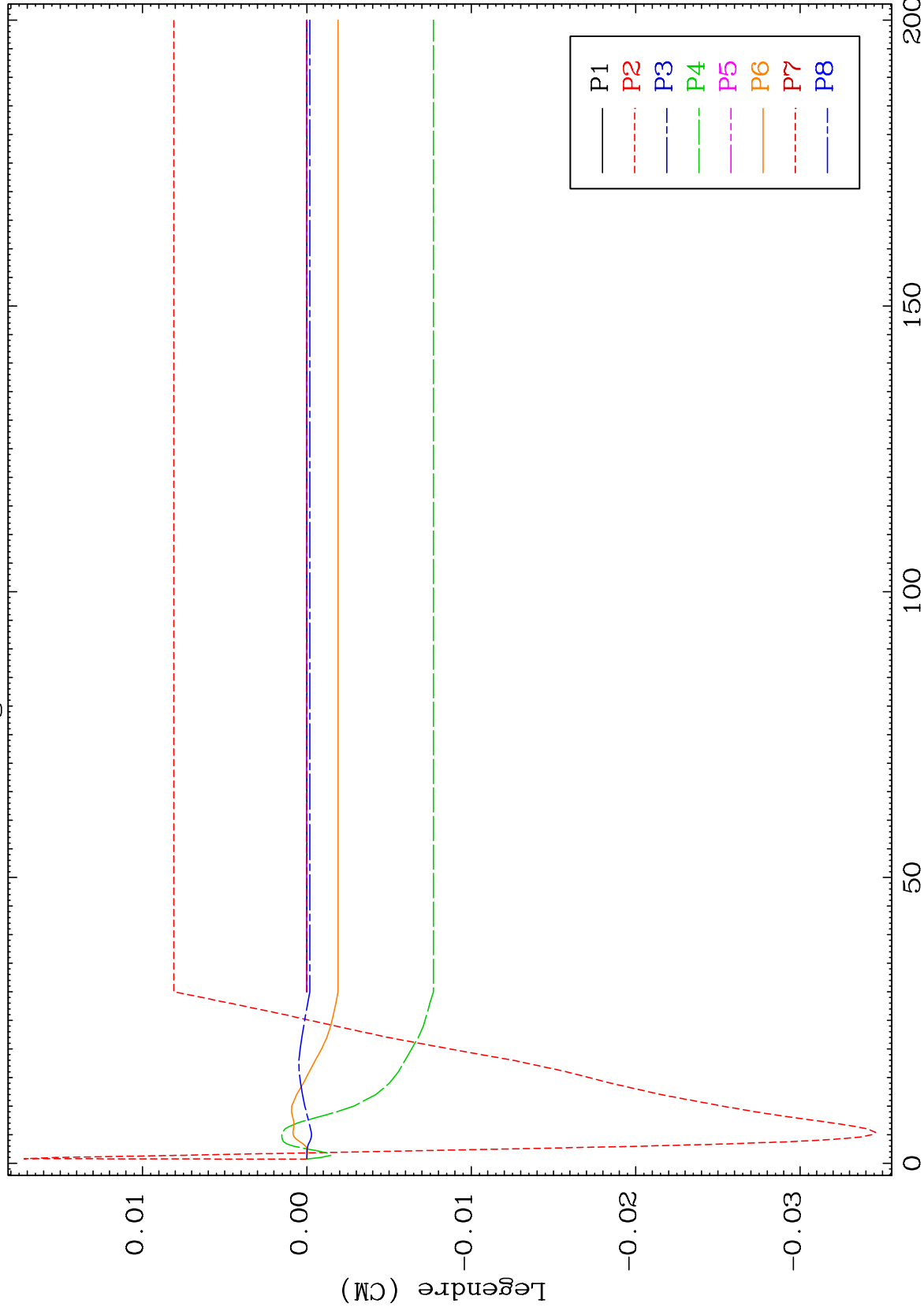
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



77

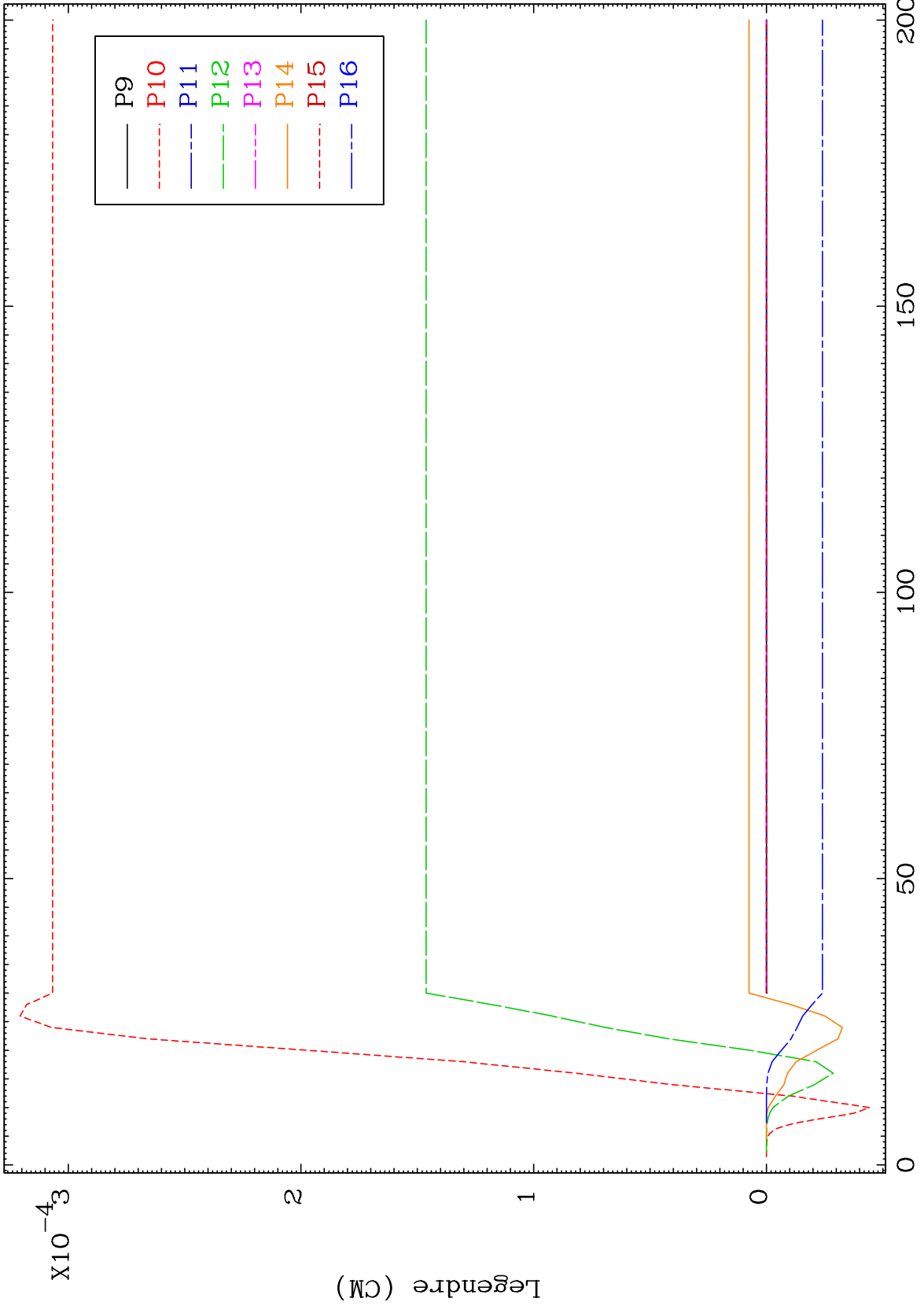
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126

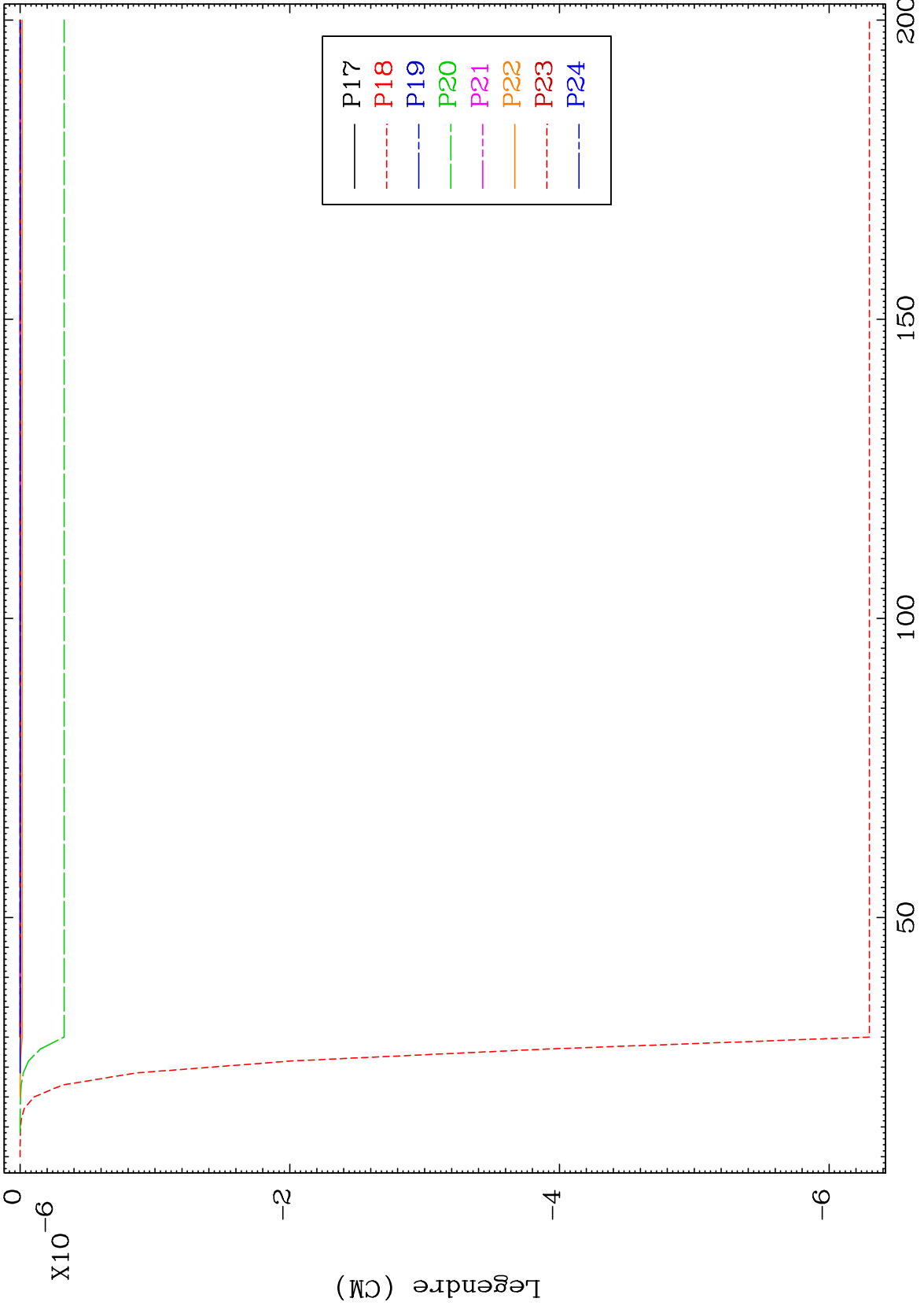


78

Incident Energy (MeV)

49-In-126

MAT 4964 MT= 70 (n,n') Level Legendre Coefficients 49-In-126



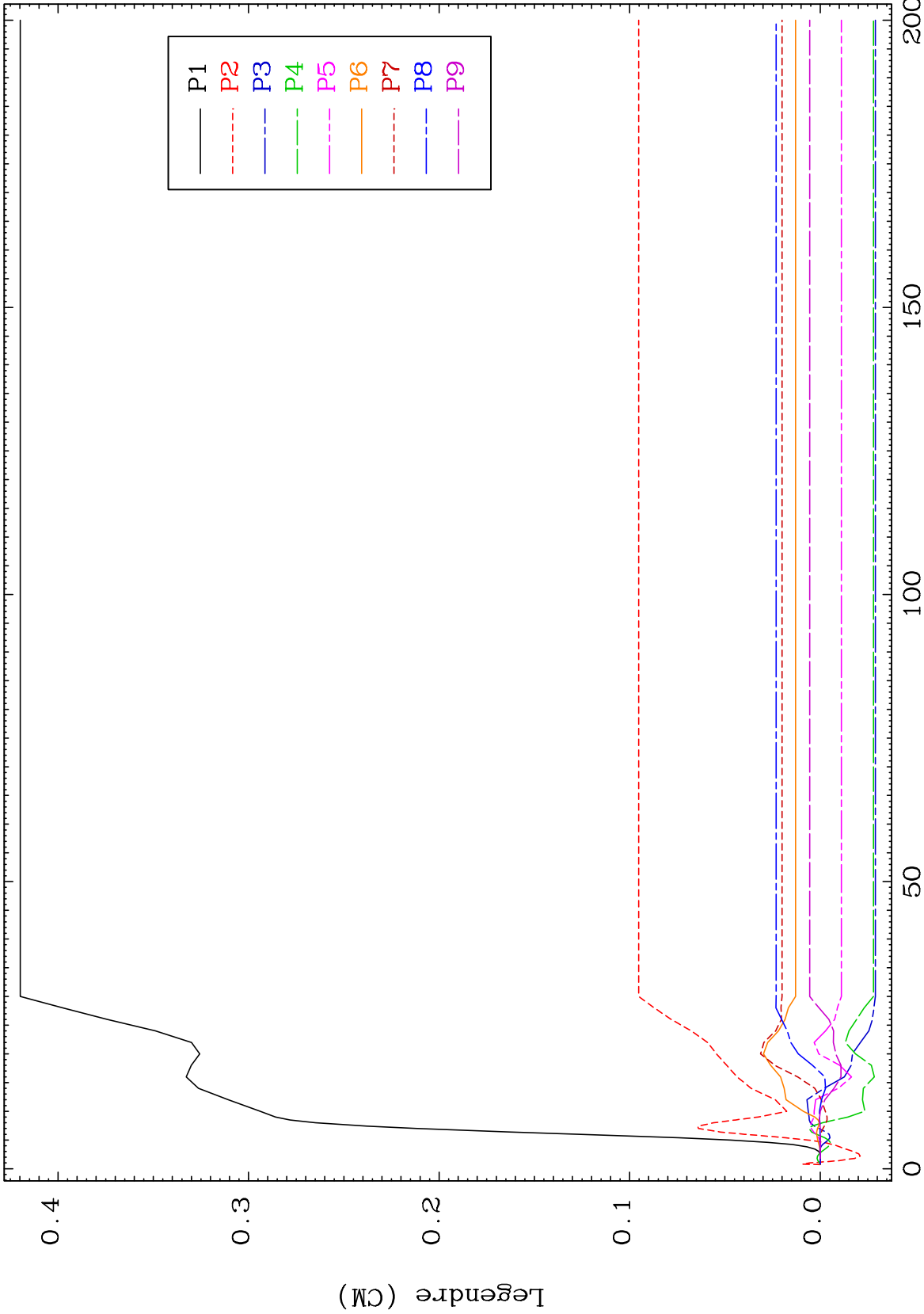
79 49-In-126



MAT 4964

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

49-In-126



80

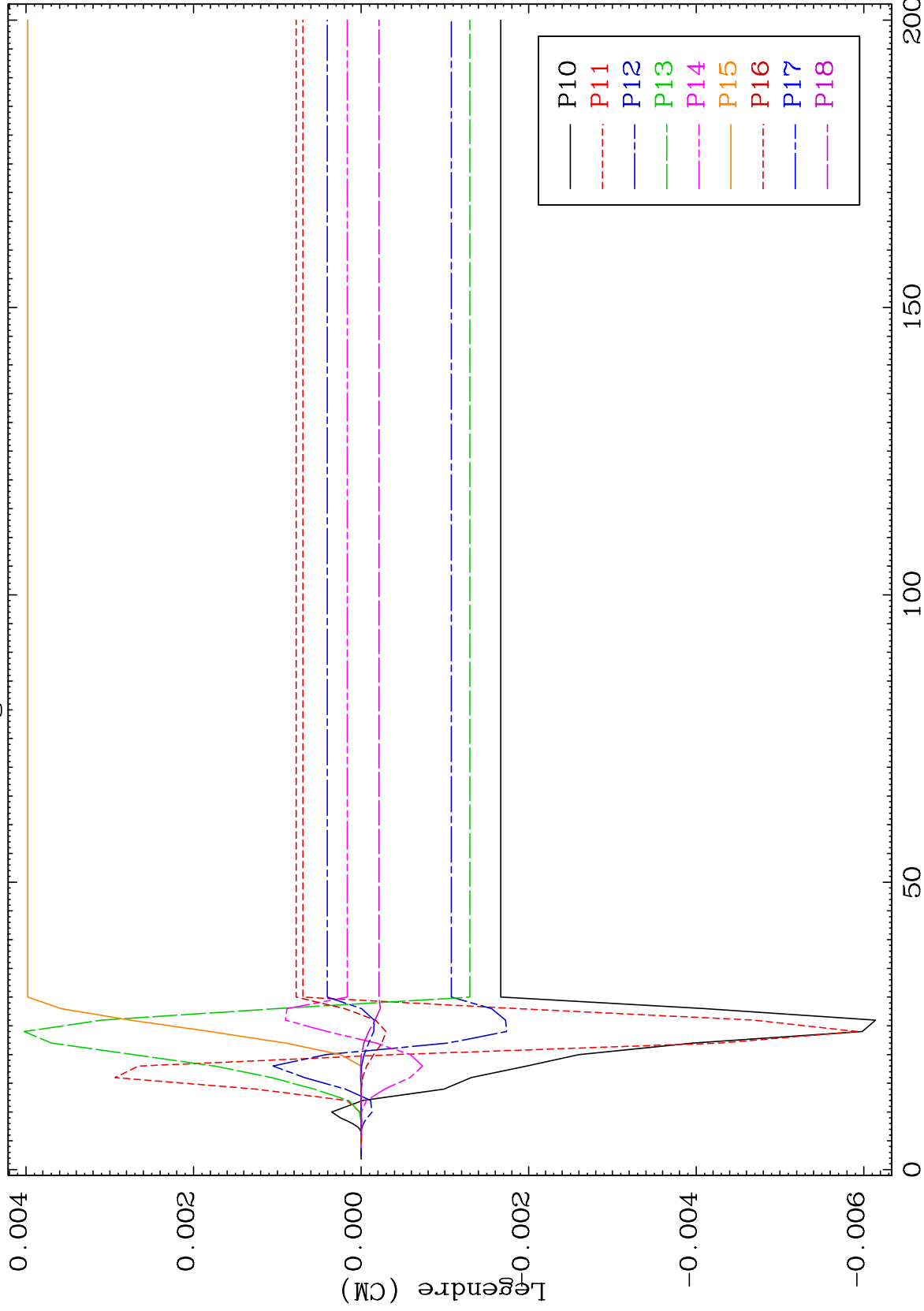
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



81

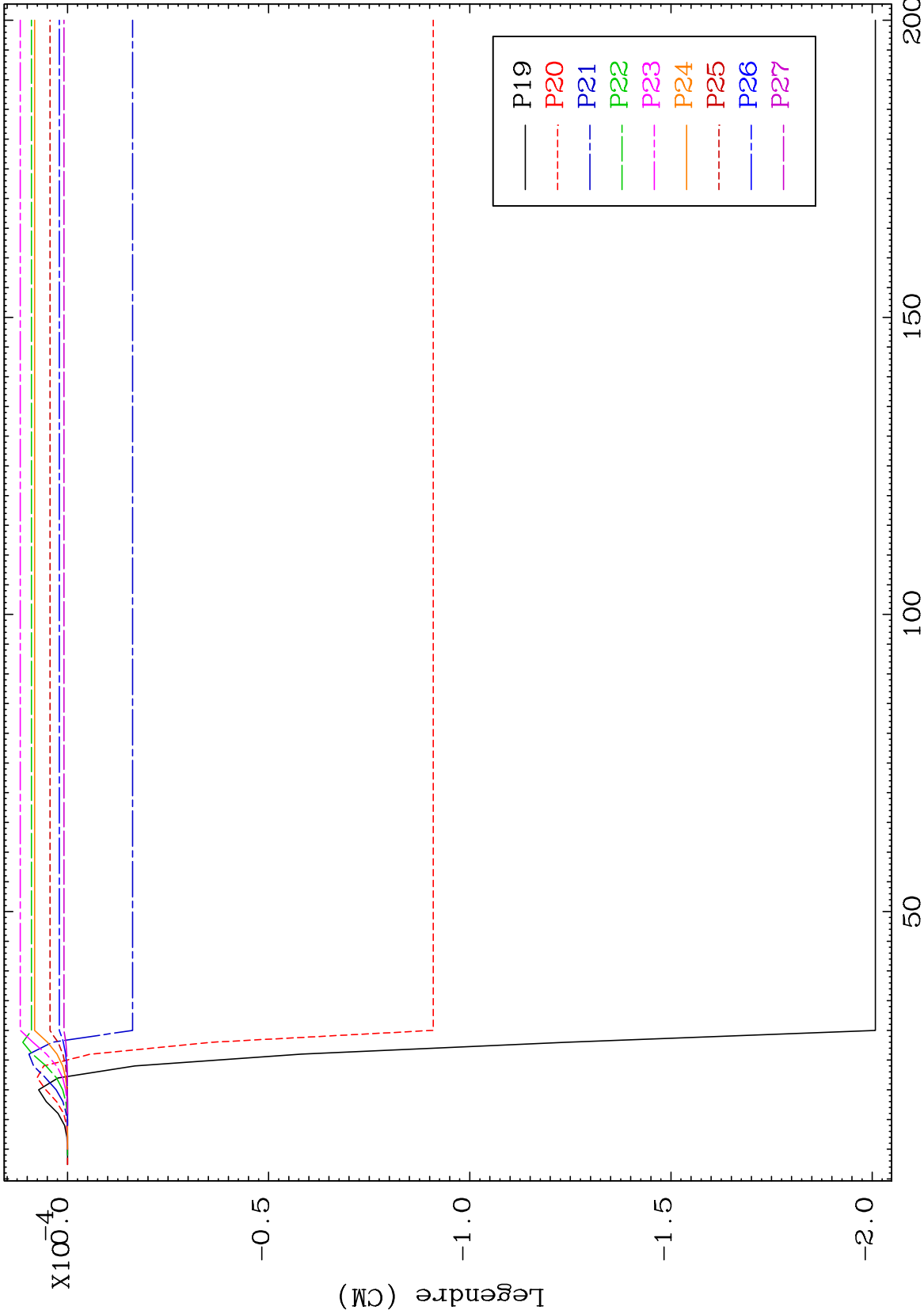
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



82

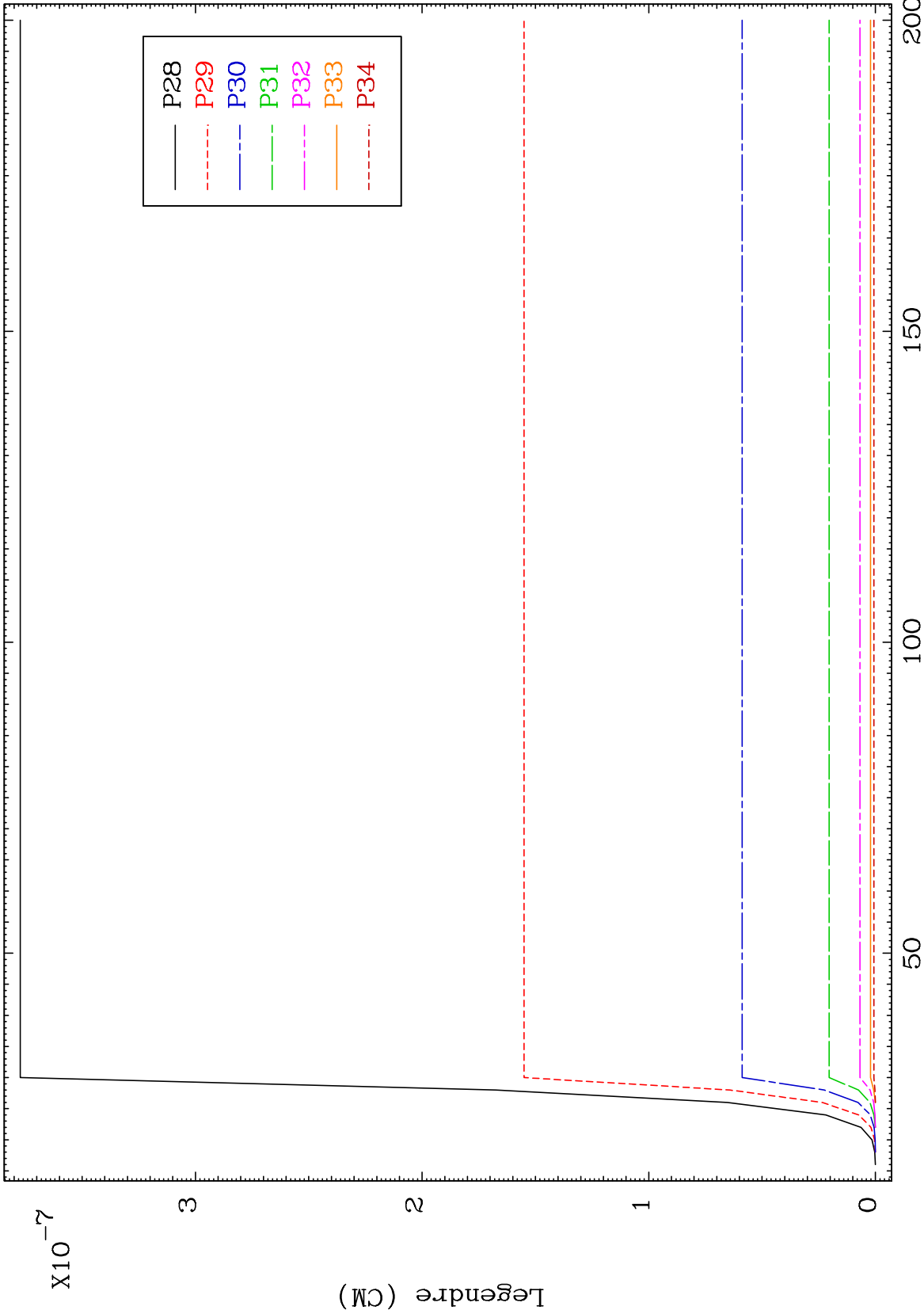
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



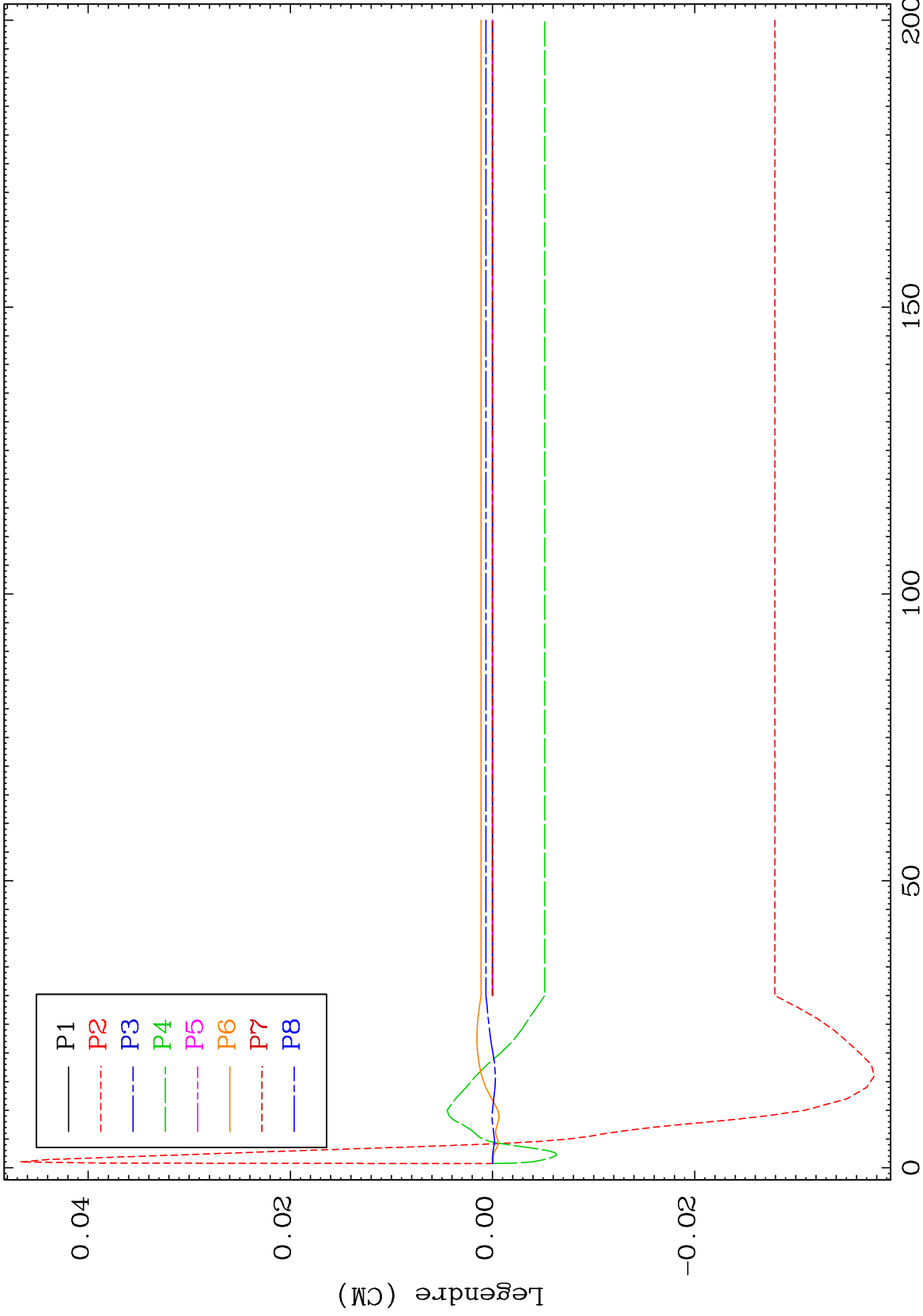
83

49-In-126

MAT 4964

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

49-In-126



84

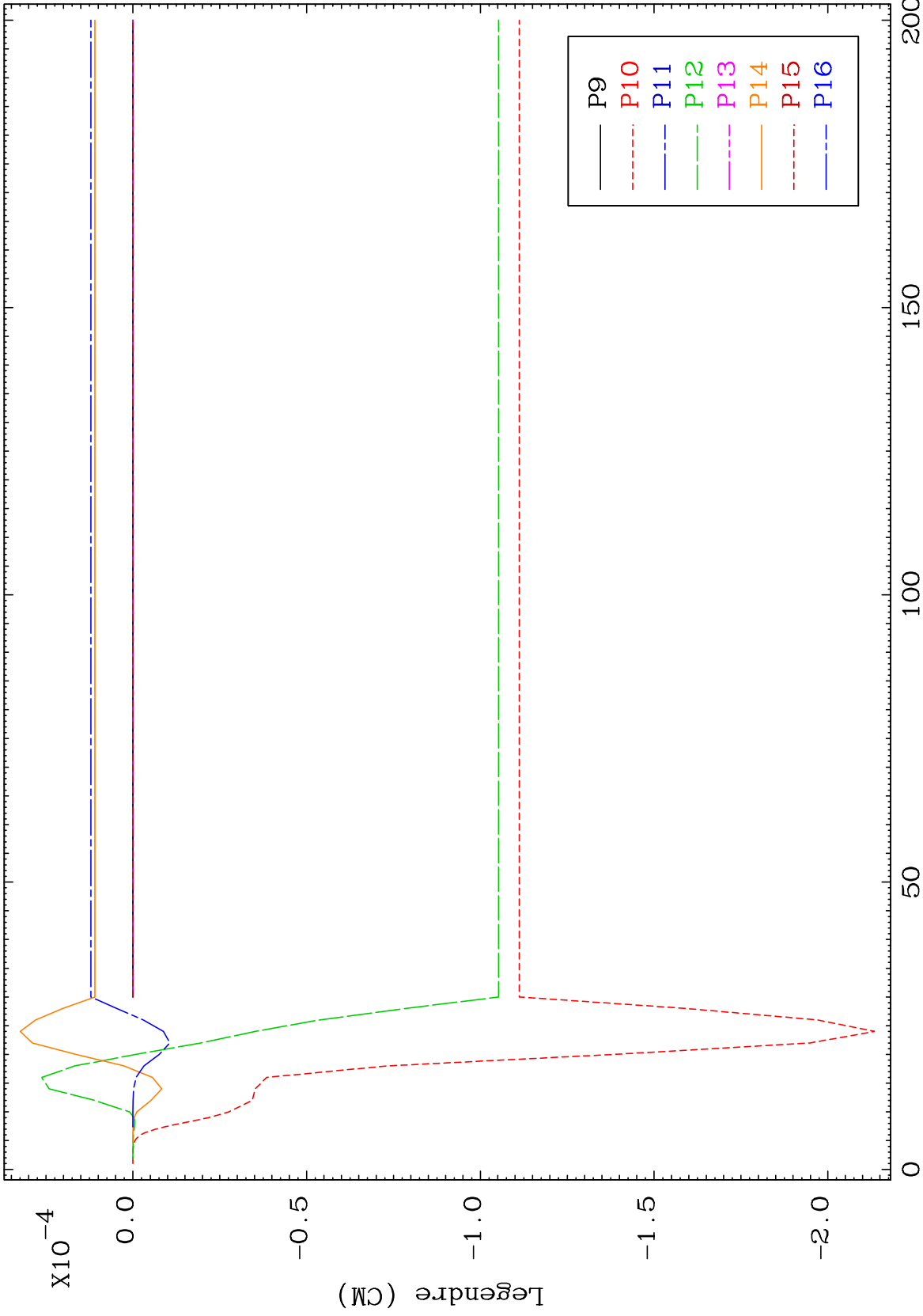
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



85

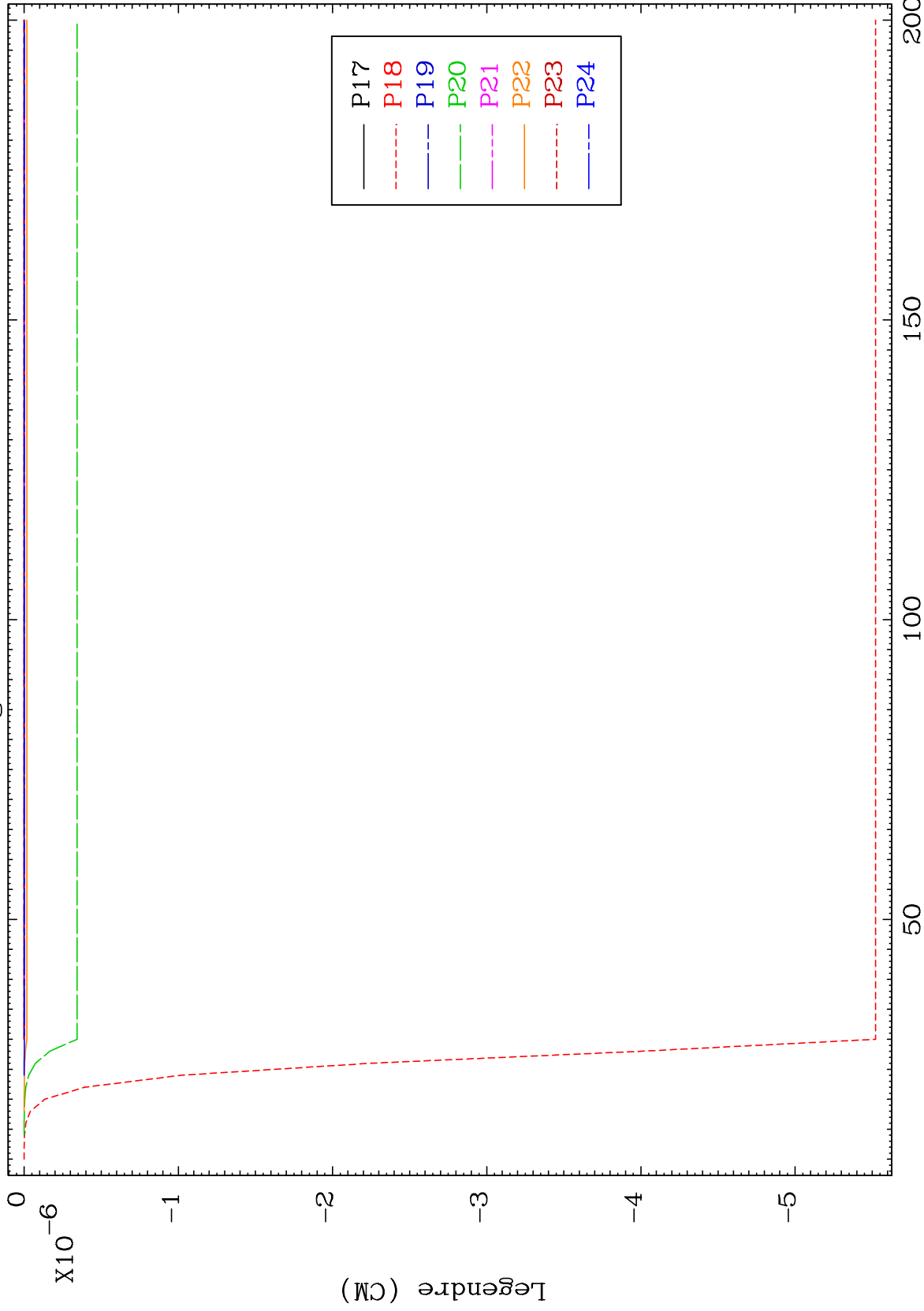
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



86

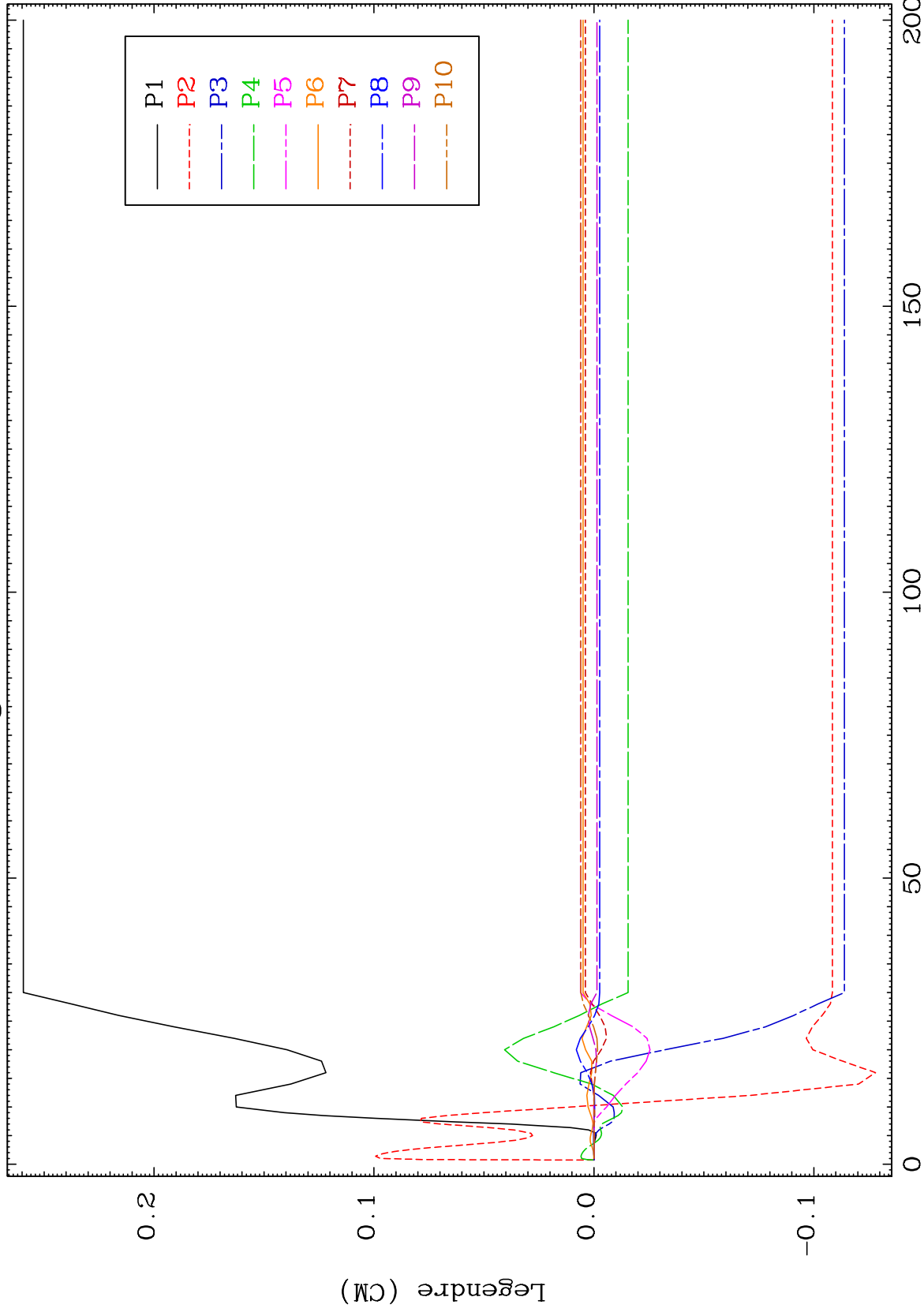
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126

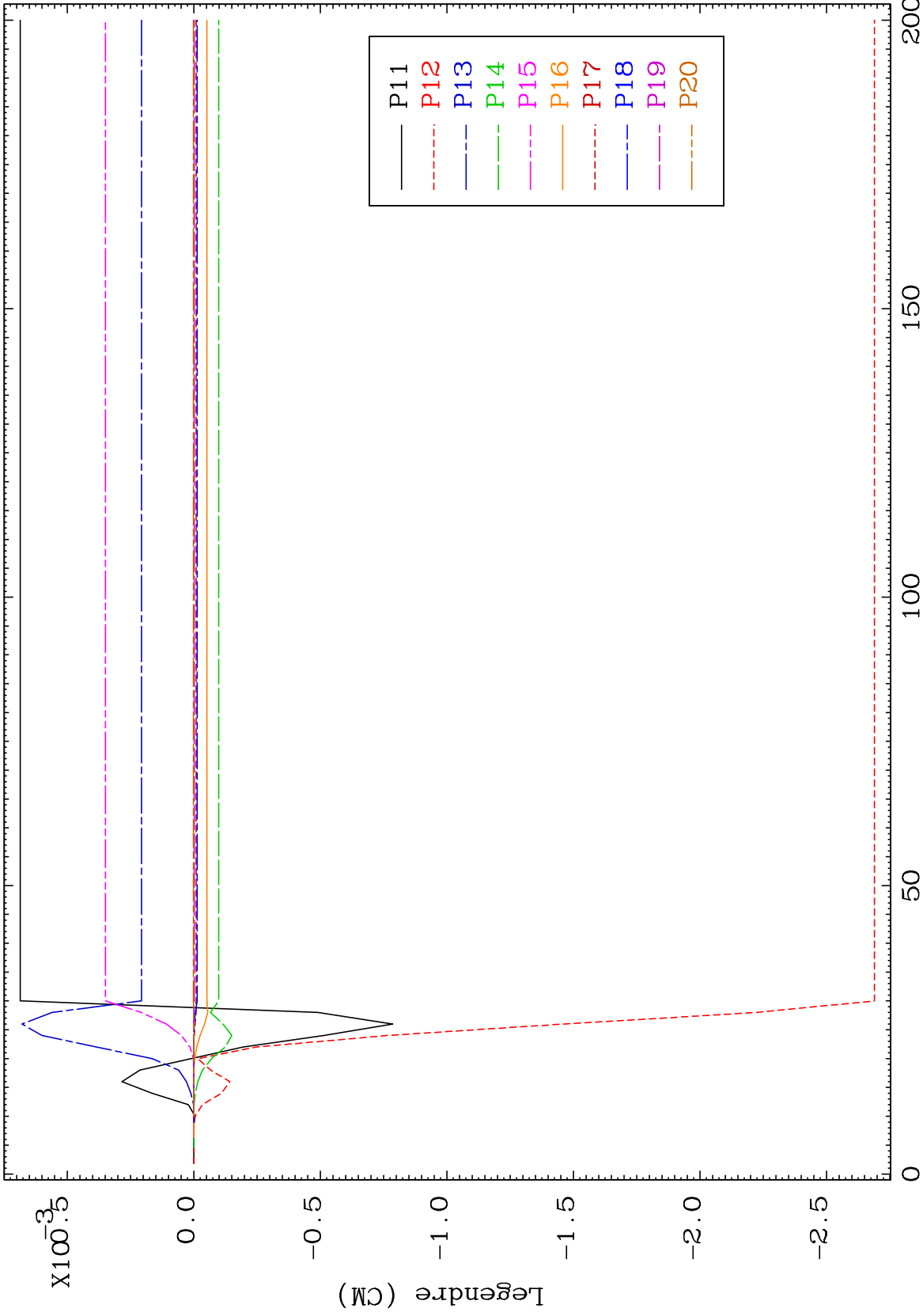


87

Incident Energy (MeV)

49-In-126

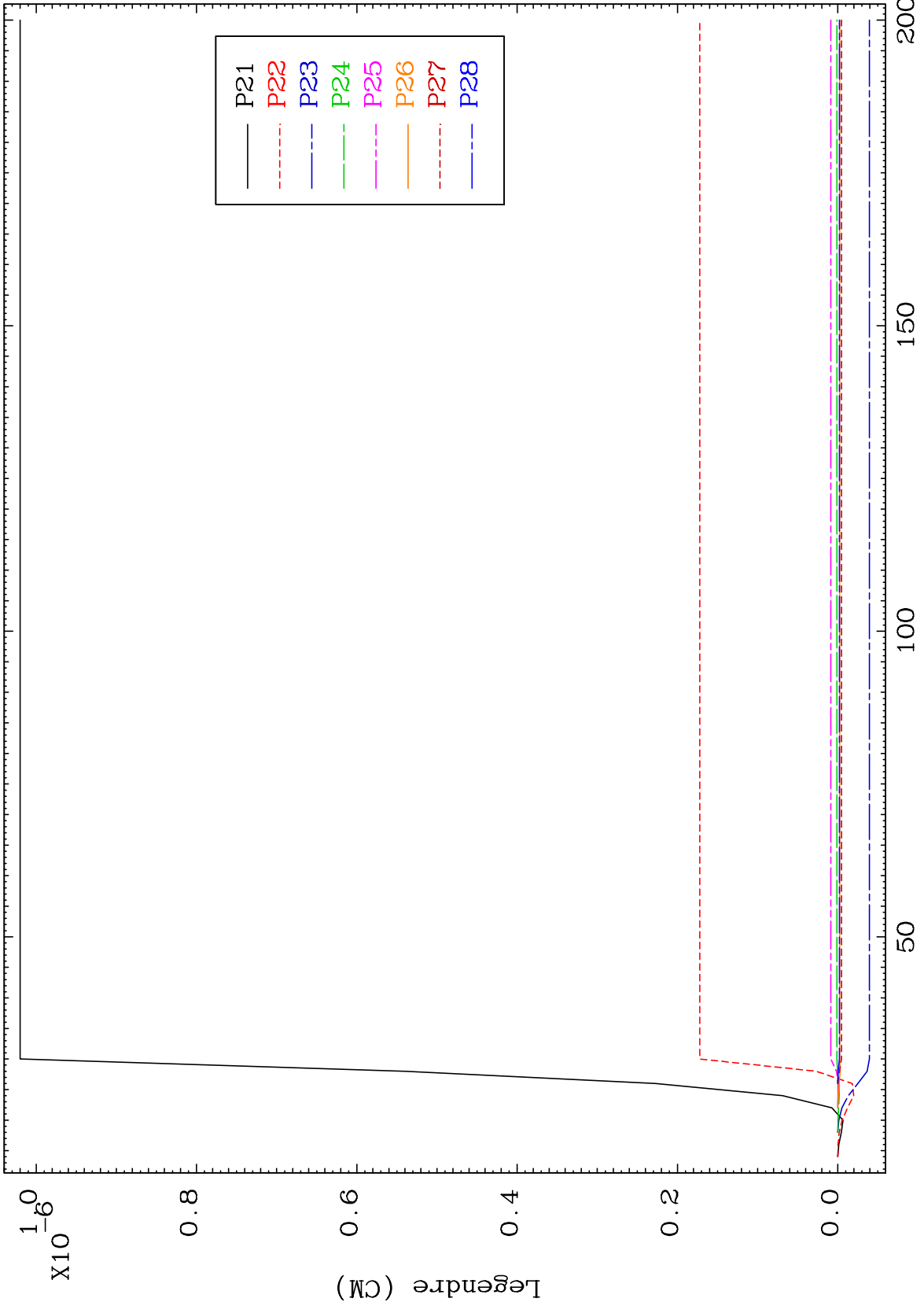




MAT 4964

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

49-In-126



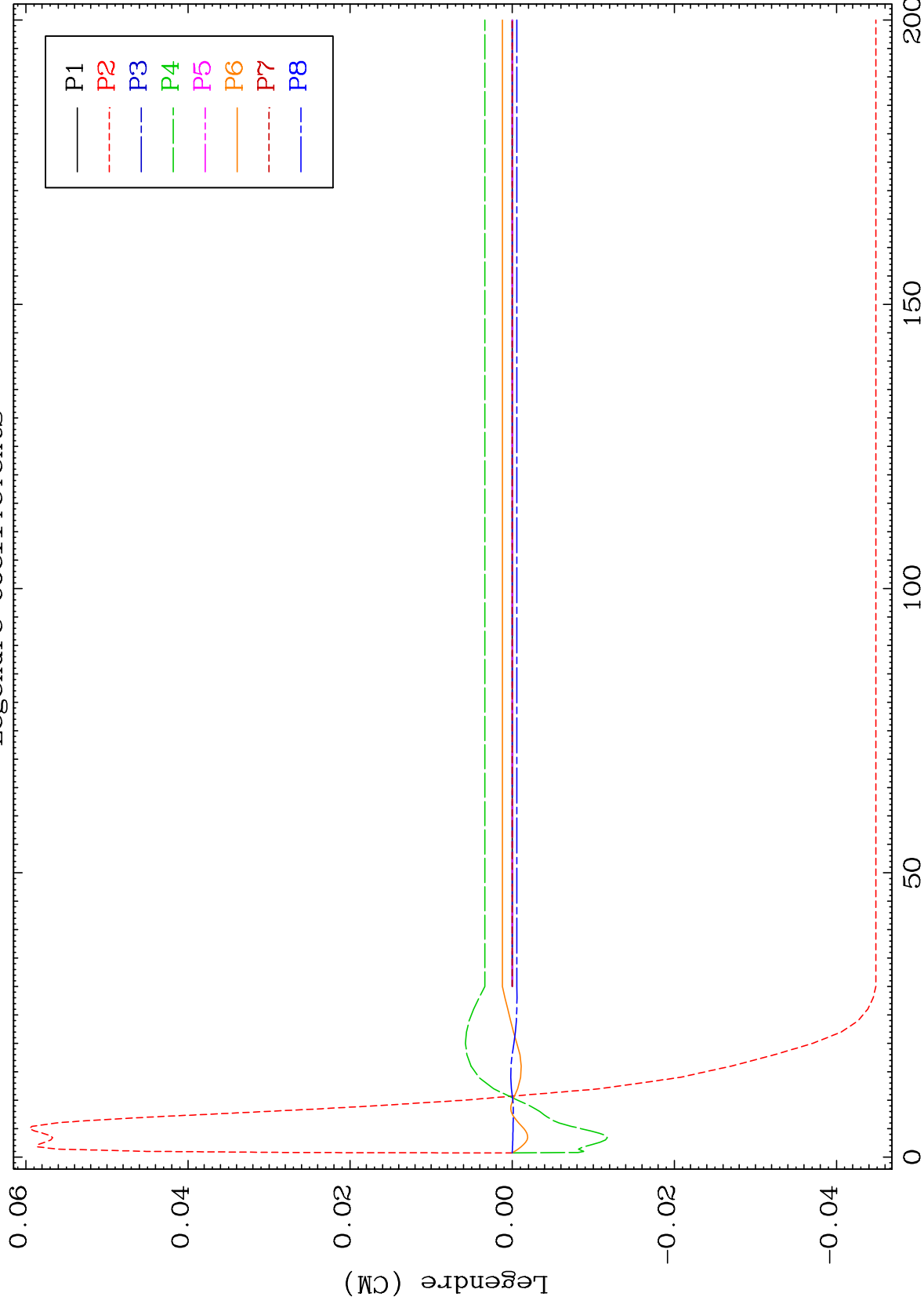
89

49-In-126

MAT 4964

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

49-In-126



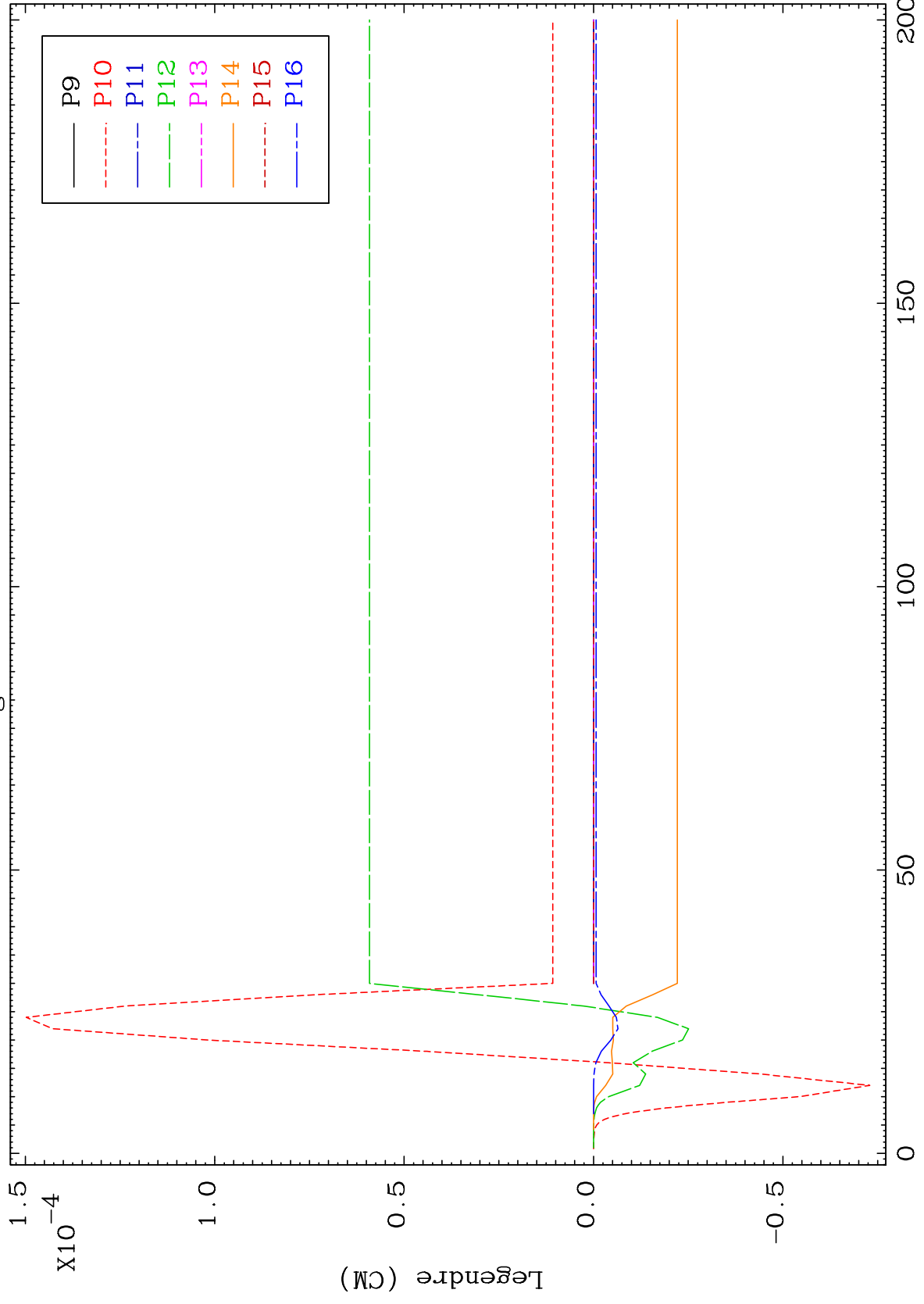
49-In-126

Incident Energy (MeV)

MAT 4964

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

49-In-126



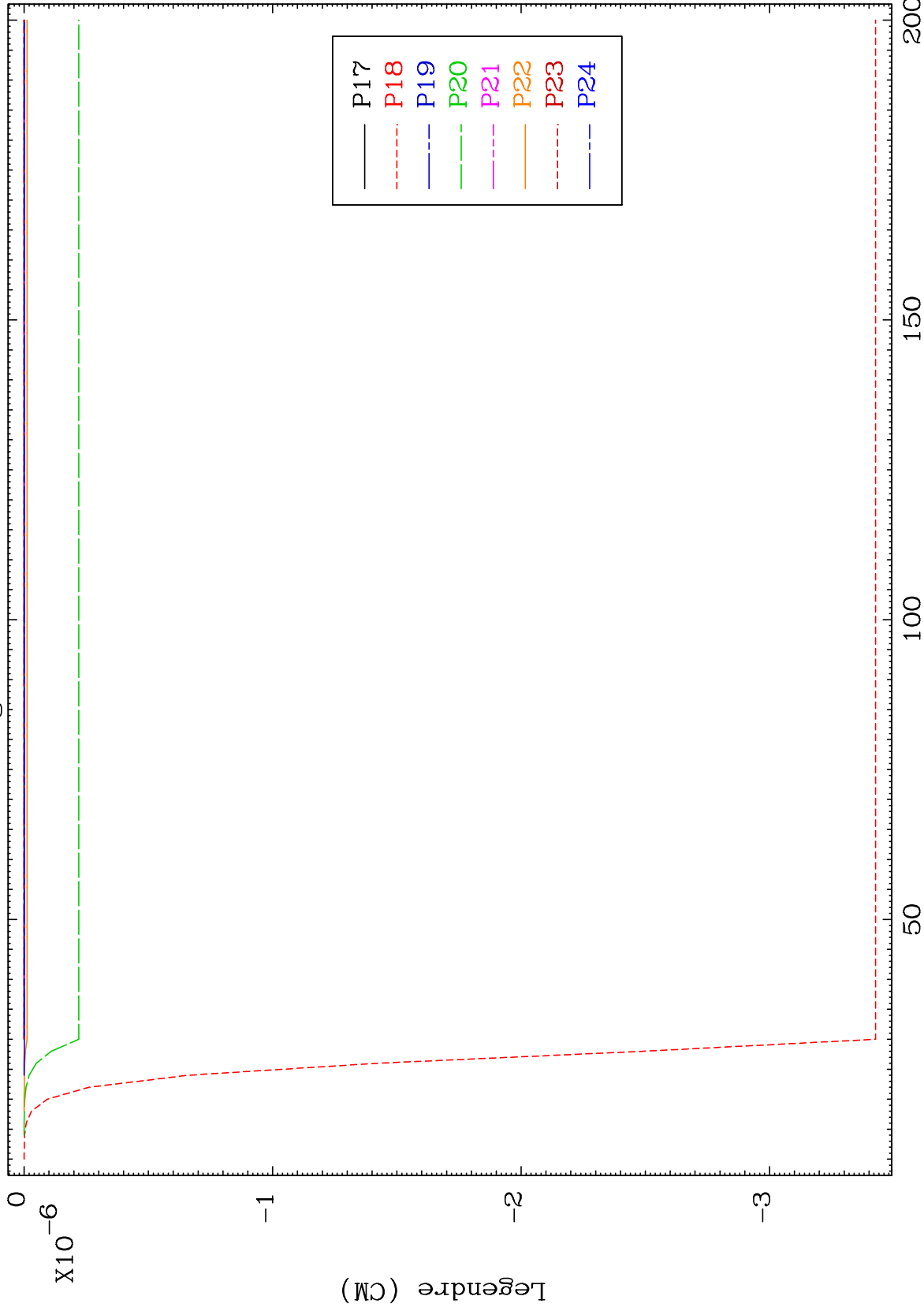
91

49-In-126

MAT 4964

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

49-In-126



92

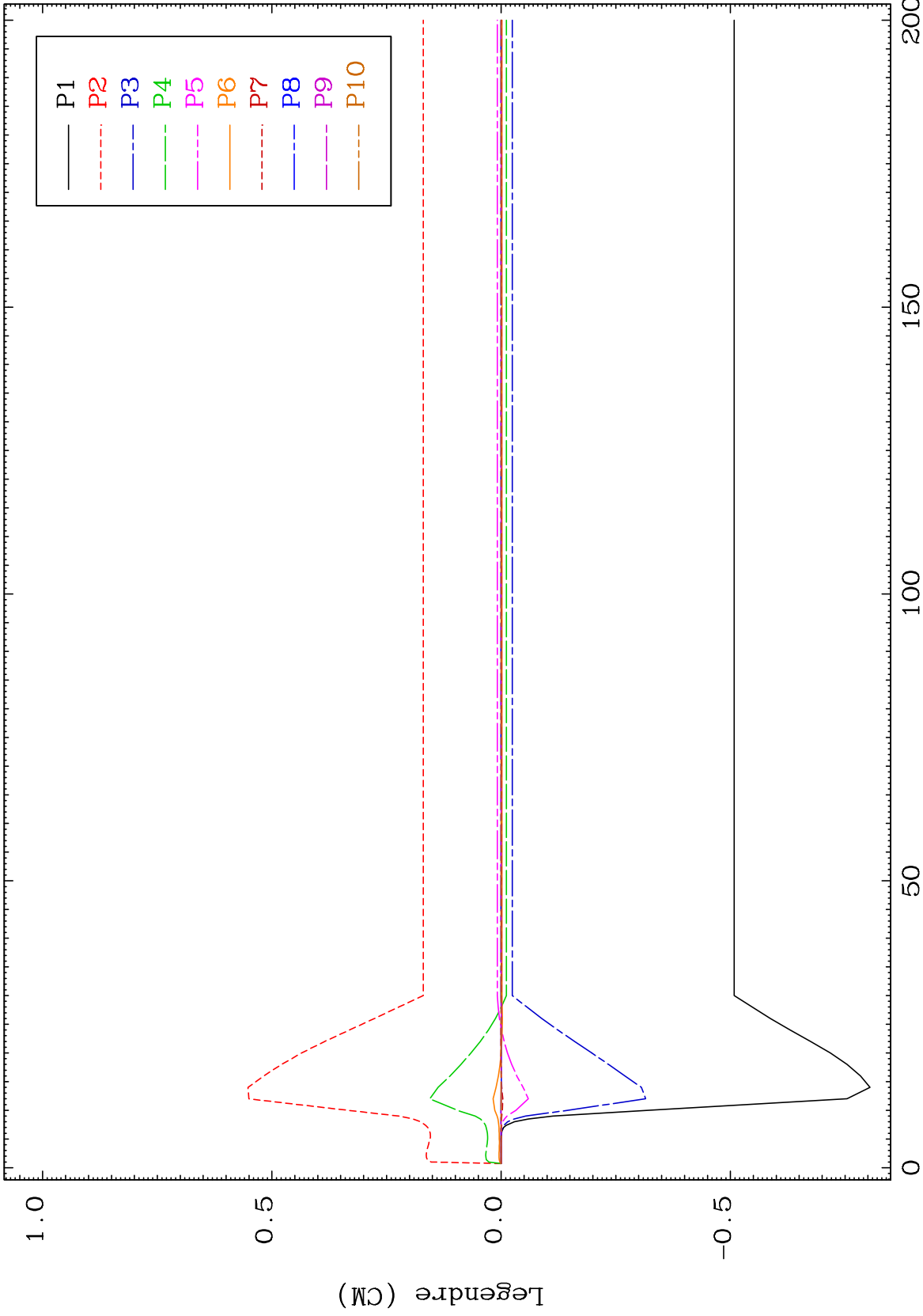
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



93

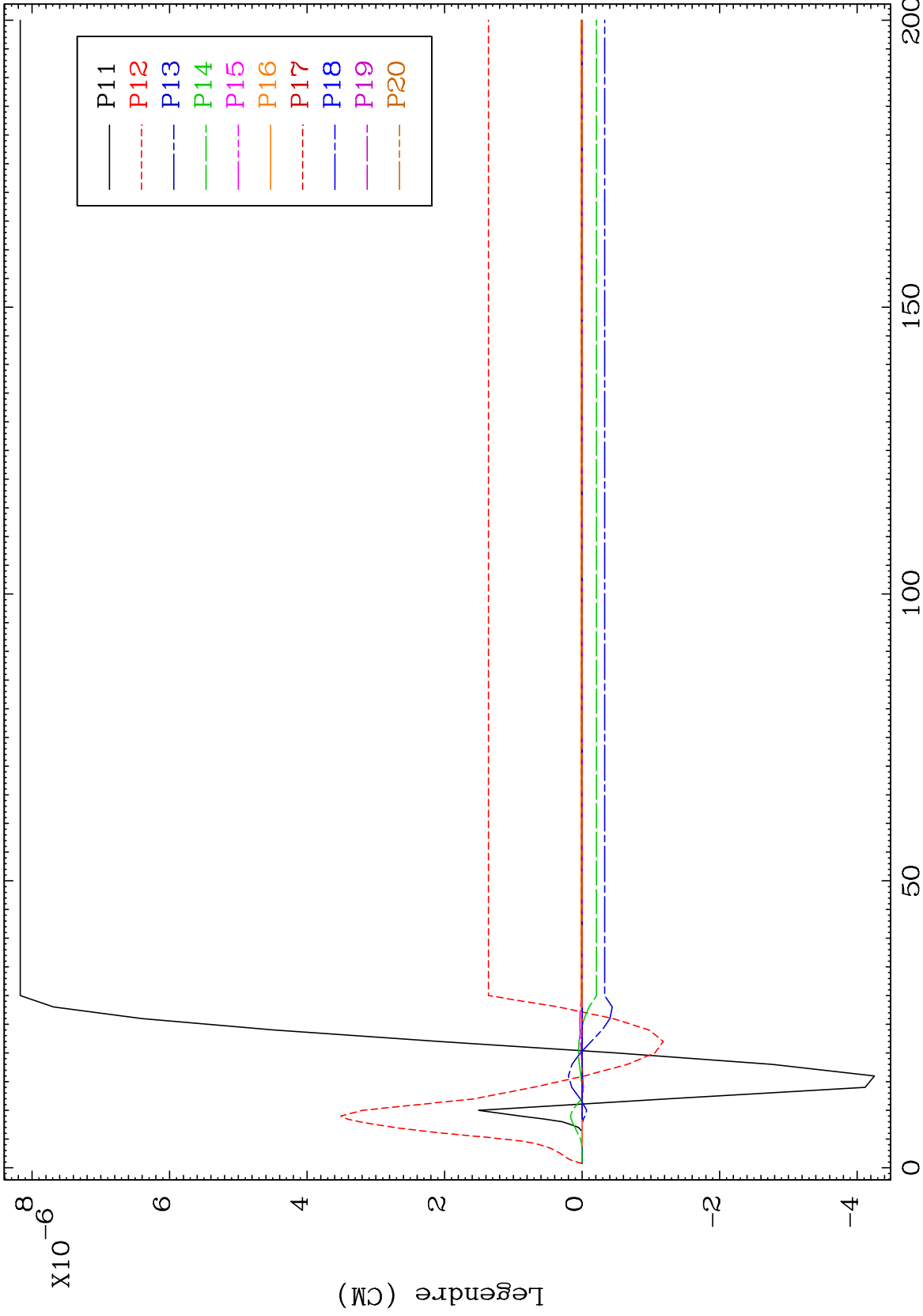
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



94

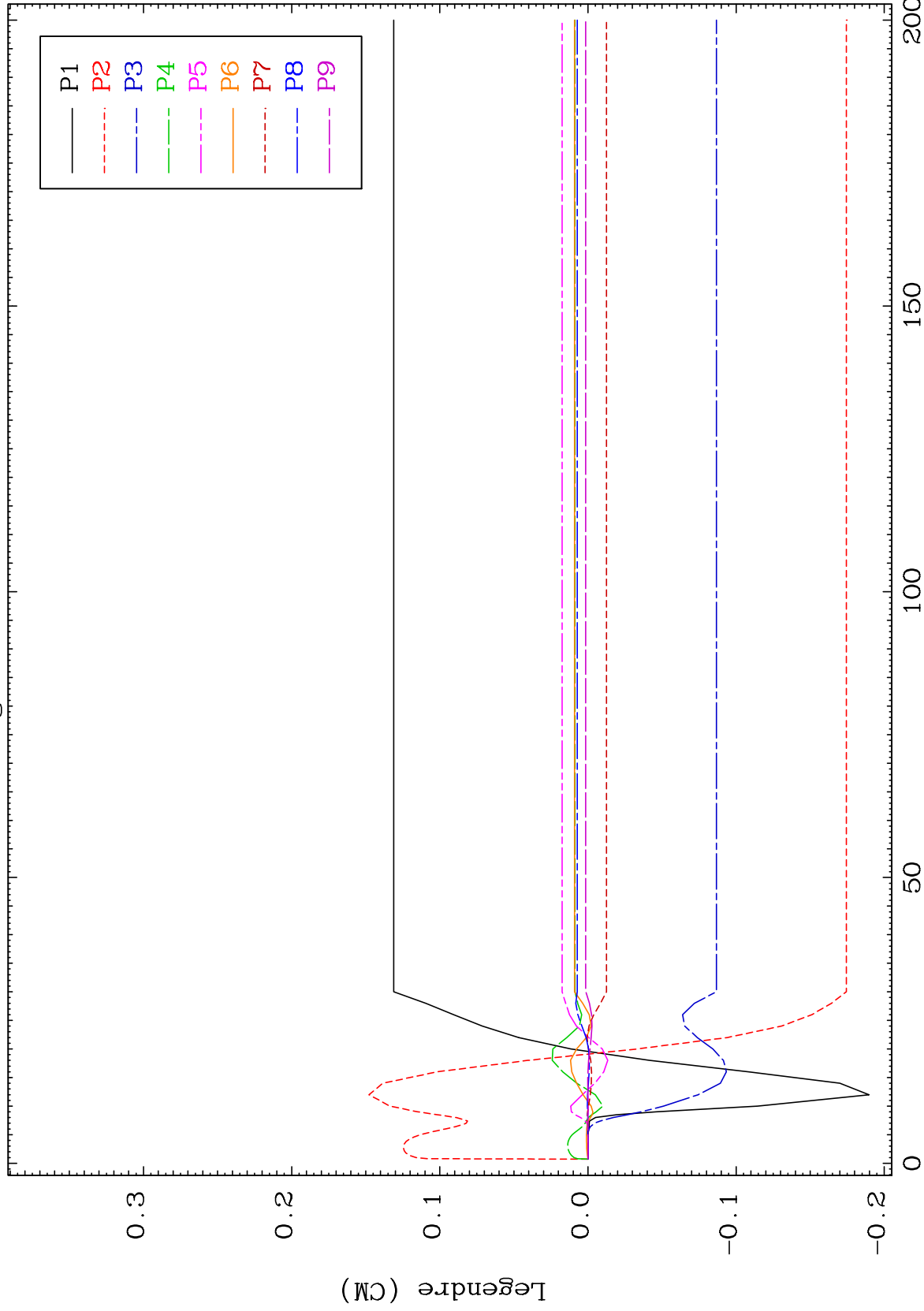
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



95

Incident Energy (MeV)

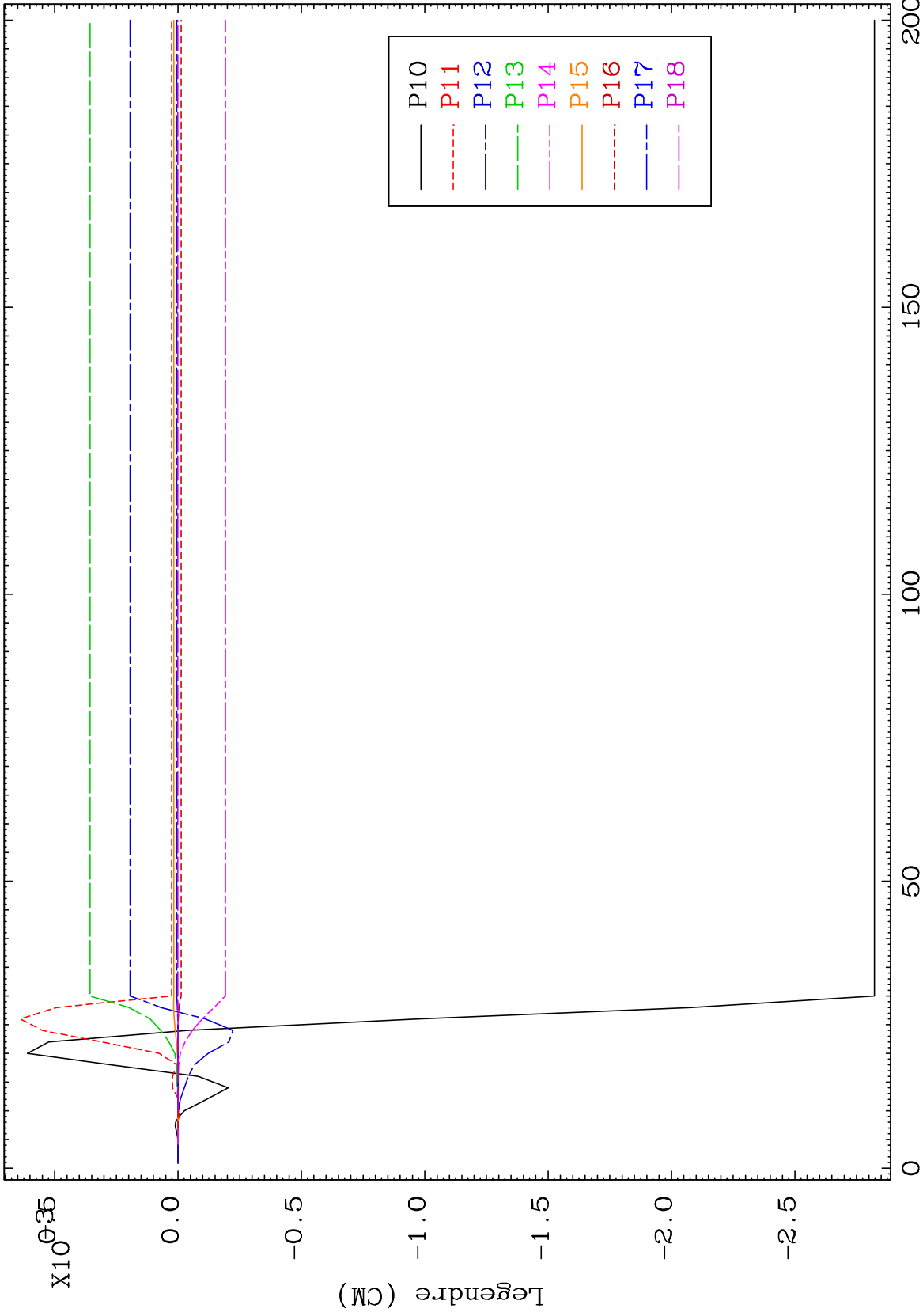
49-In-126



MAT 4964

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

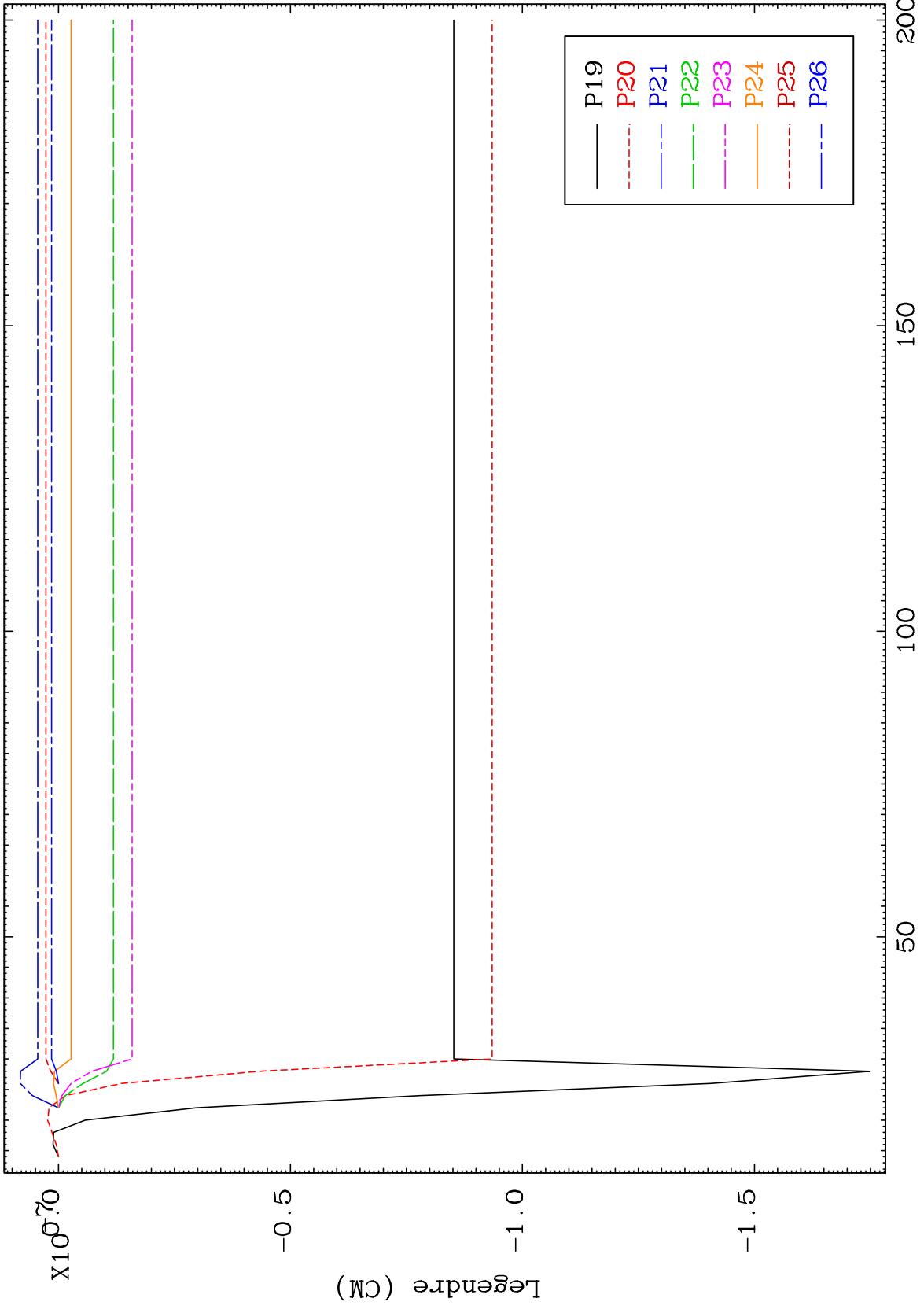
49-In-126



96

49-In-126

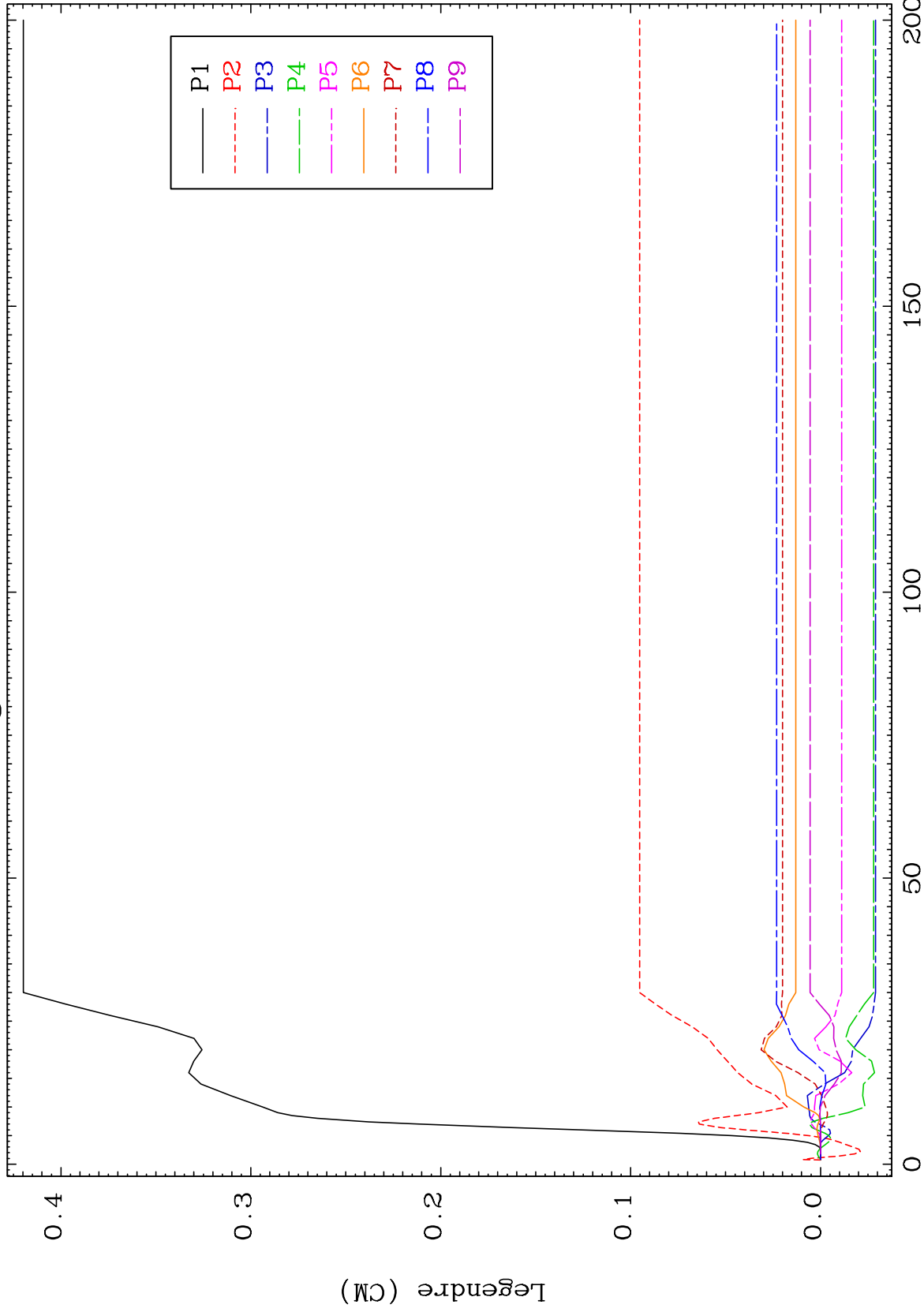
MAT 4964 MT= 76 (n,n') Level Legendre Coefficients 49-In-126



MAT 4964

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

49-In-126



98

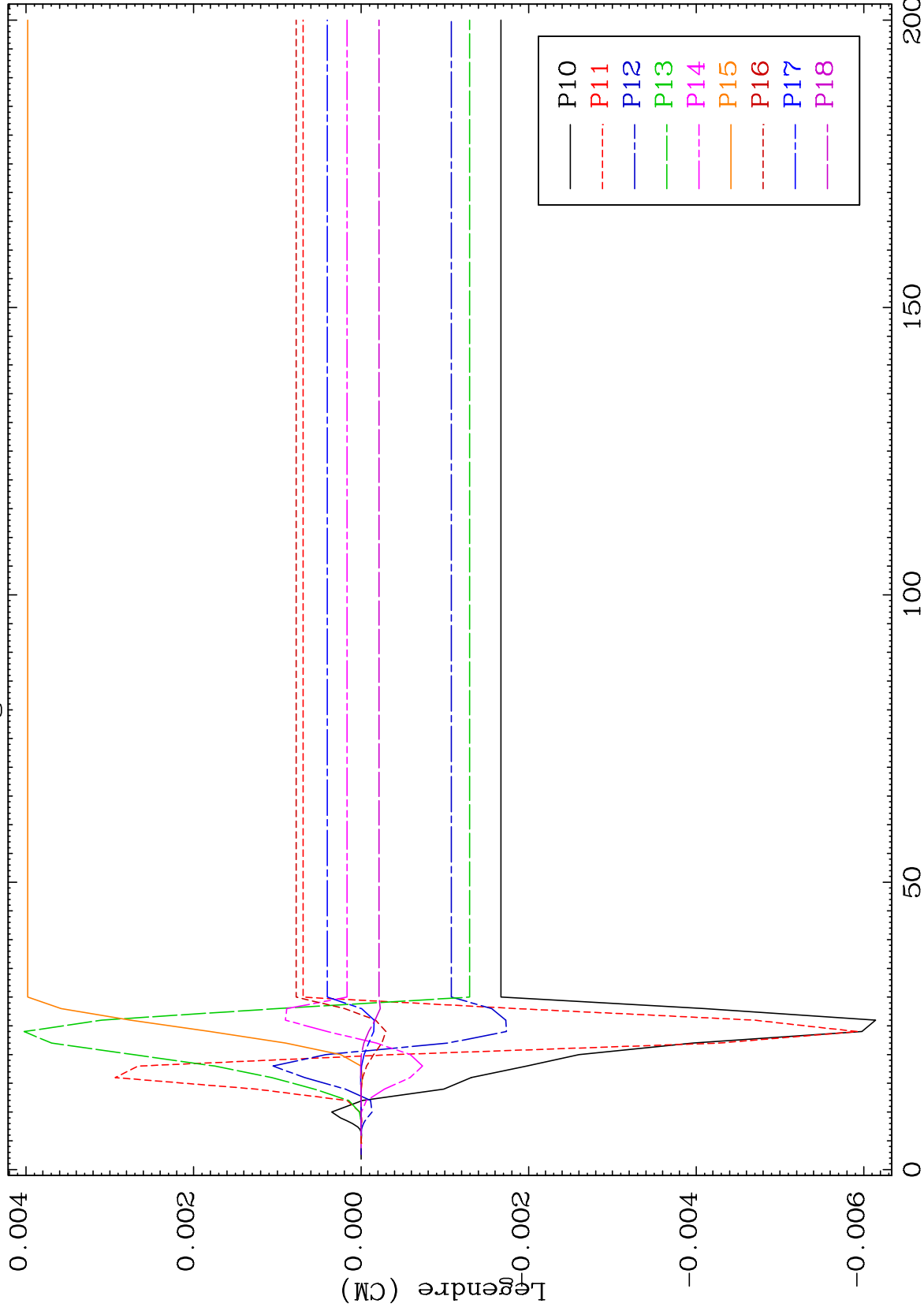
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



99

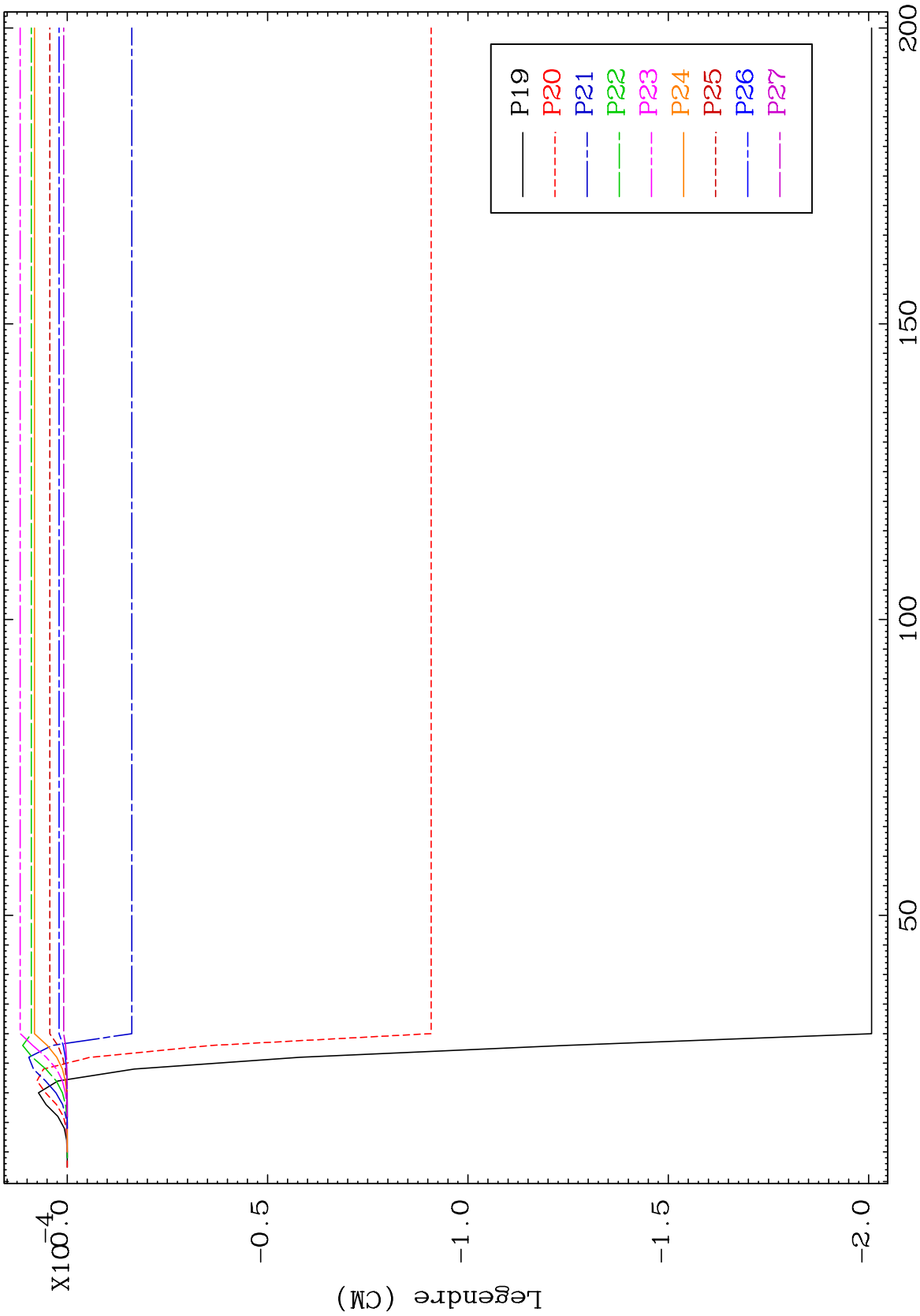
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



100

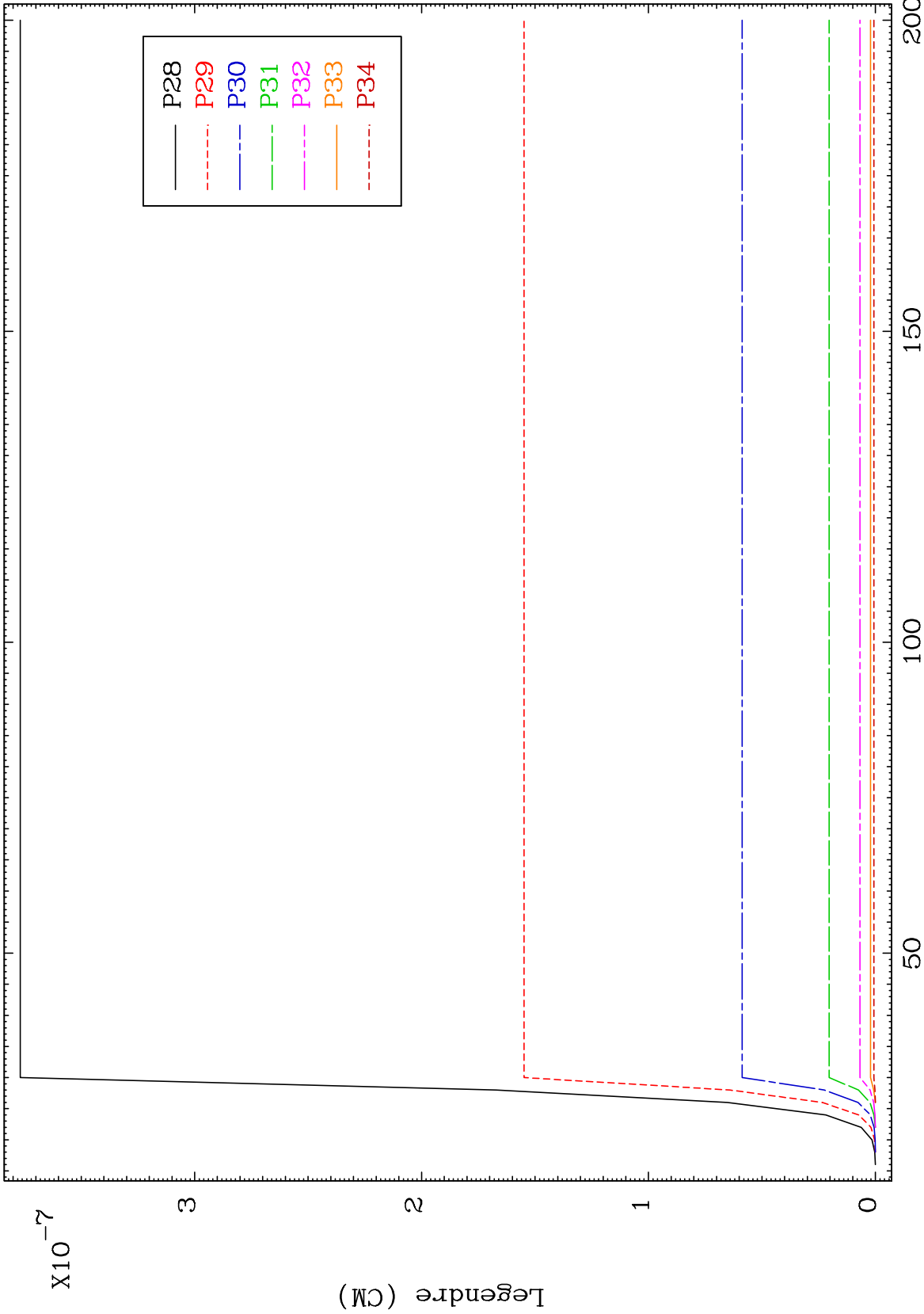
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



101

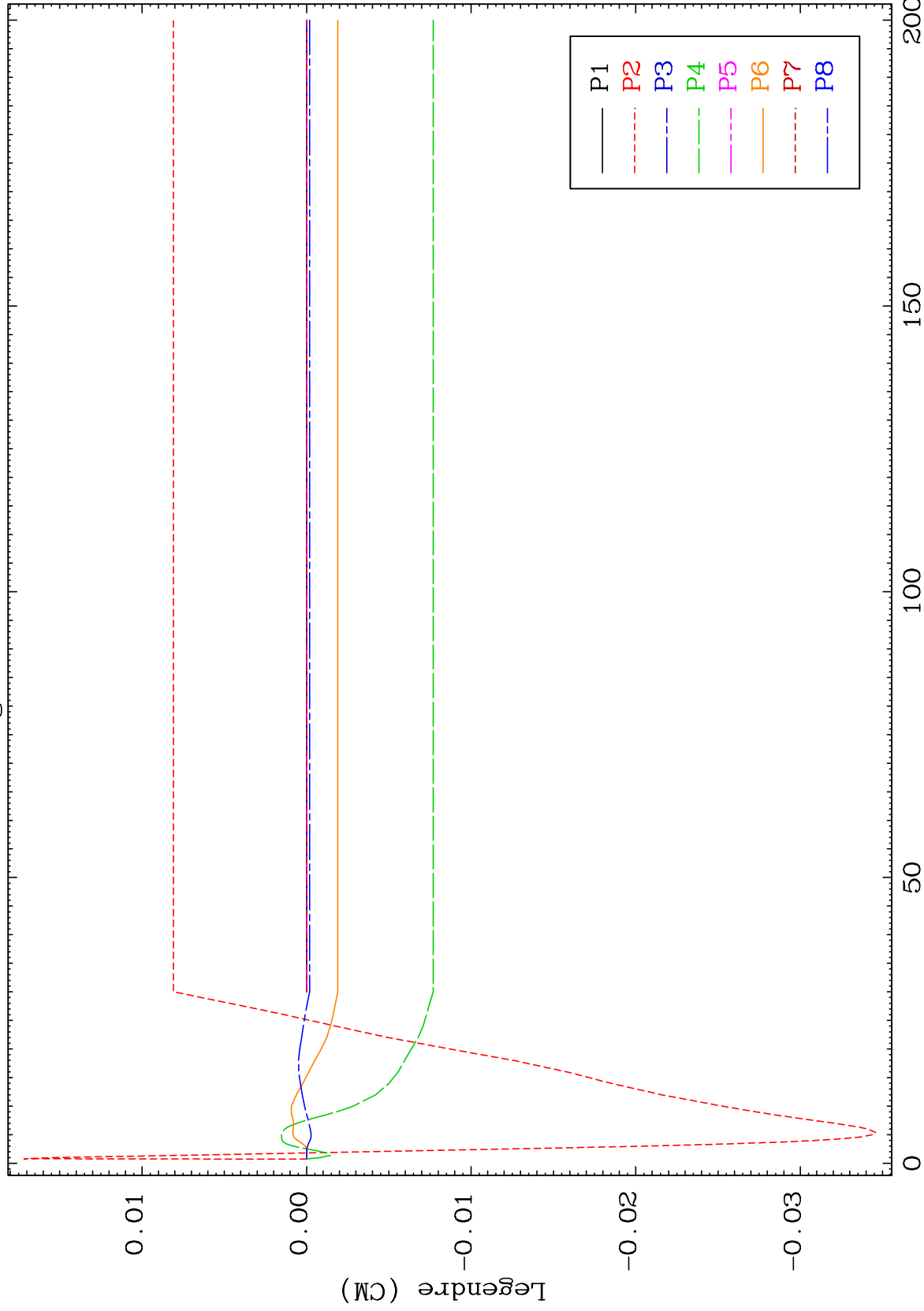
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



102

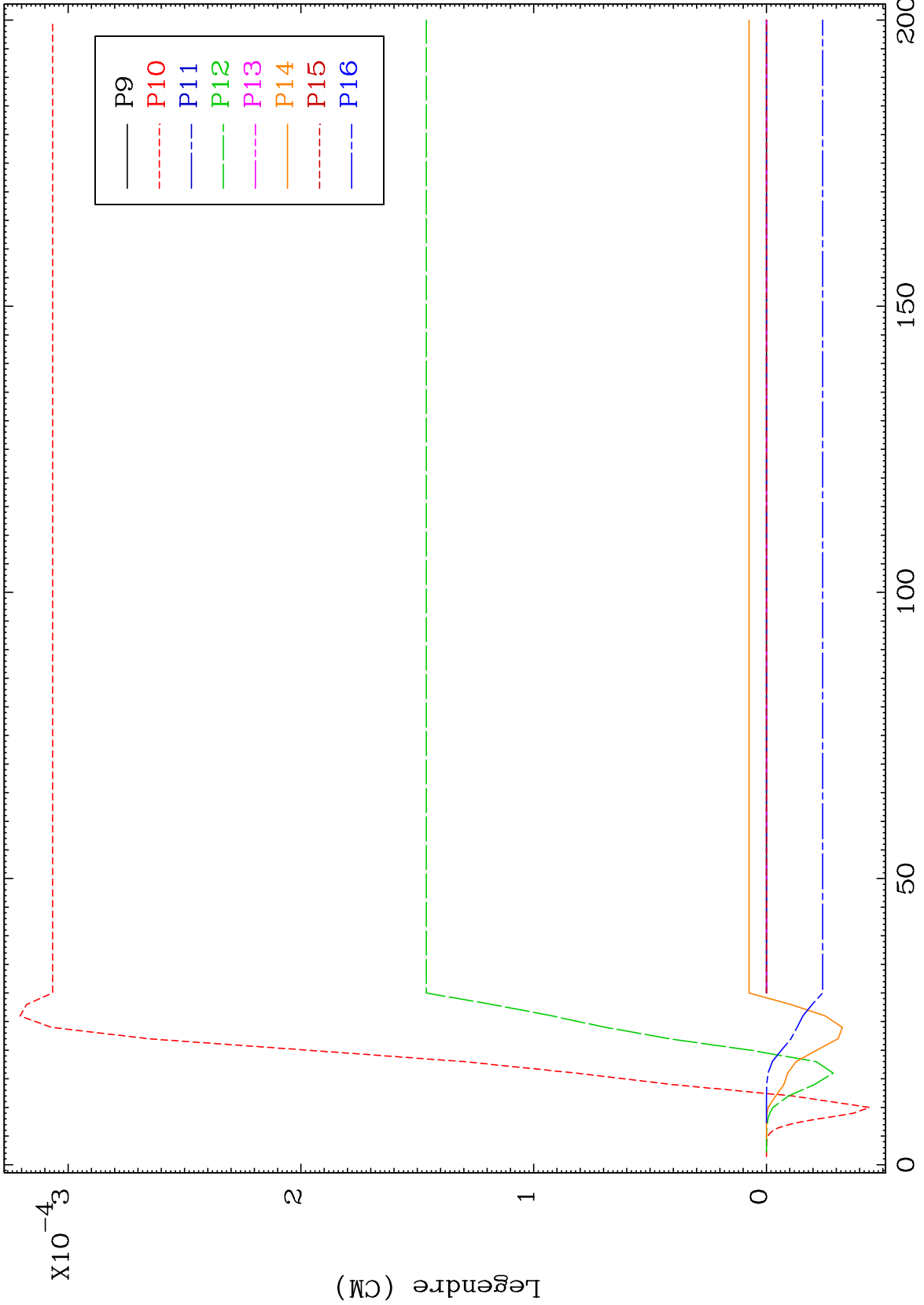
49-In-126

49-In-126

MAT 4964

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

49-In-126



103

Incident Energy (MeV)

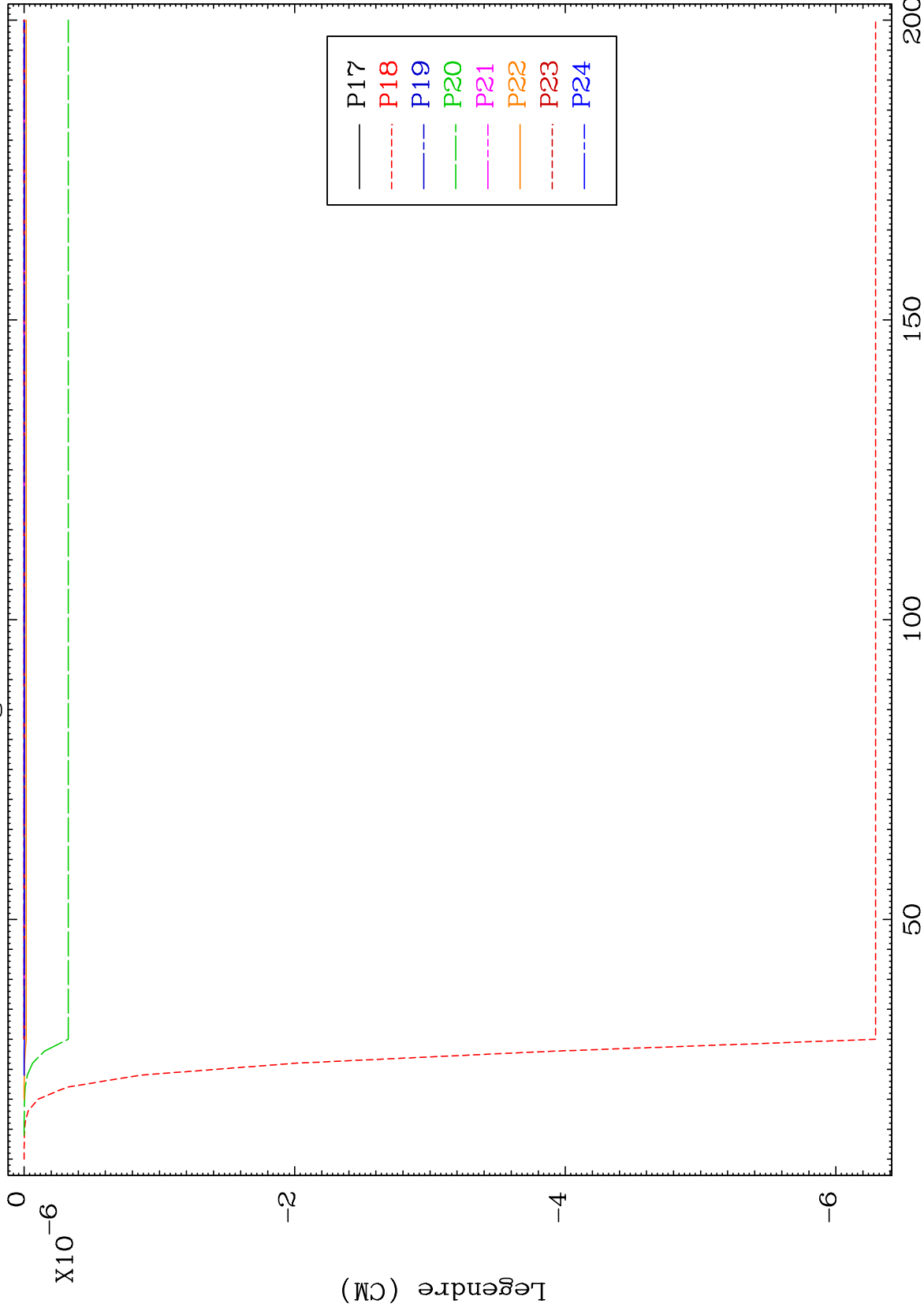
49-In-126



MAT 4964

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

49-In-126



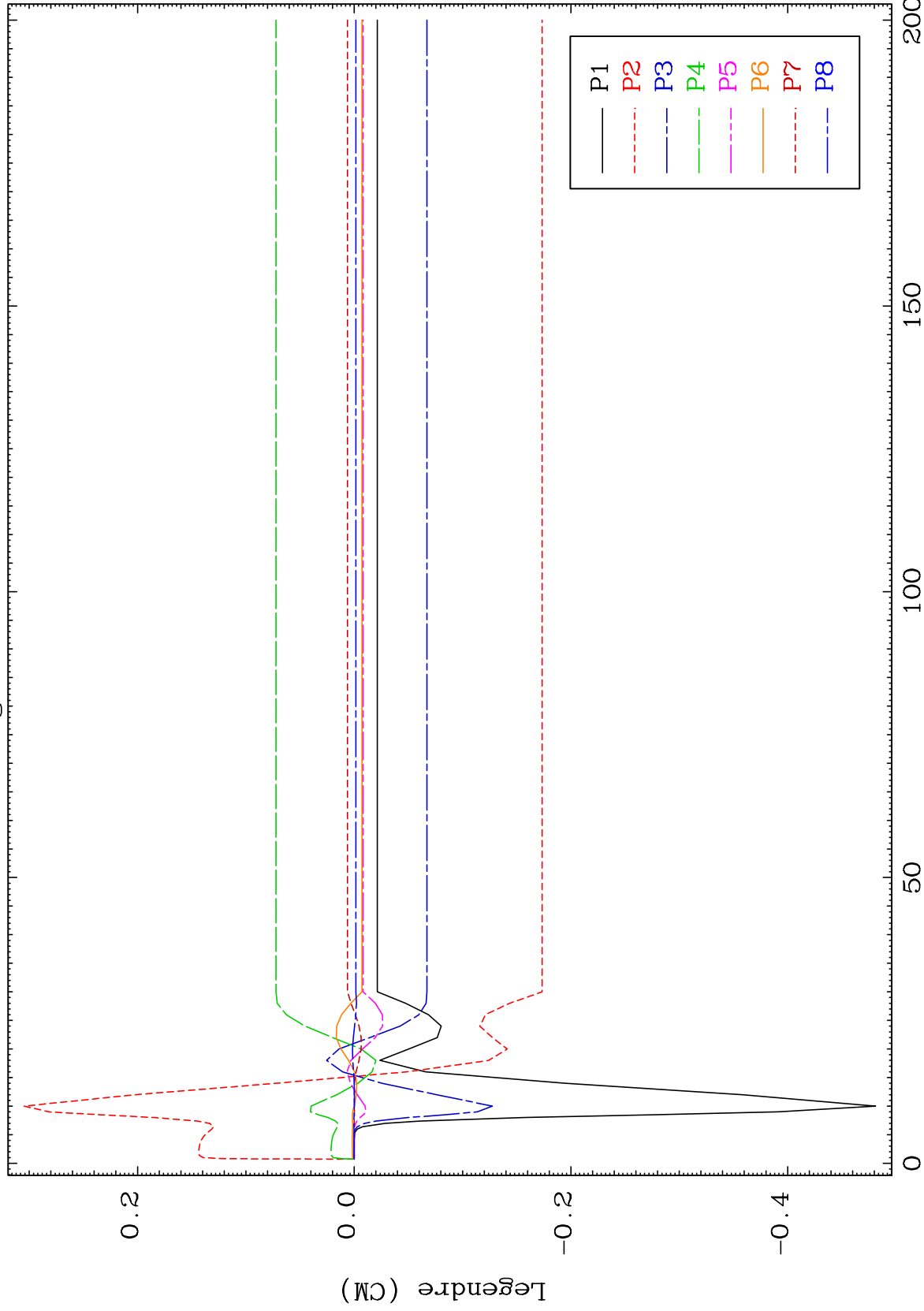
104

49-In-126

MAT 4964

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

49-In-126



49-In-126

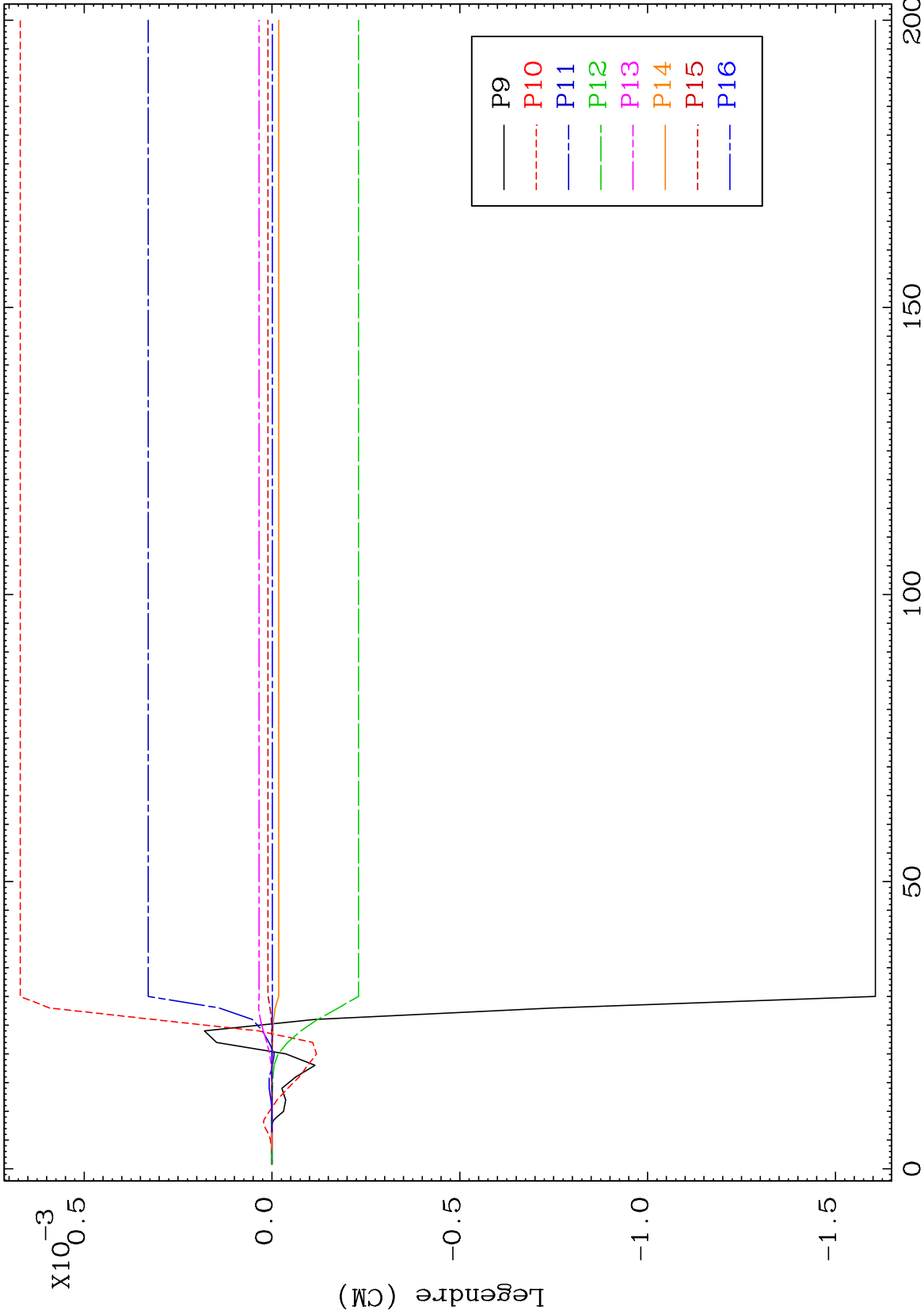
Incident Energy (MeV)

105

MAT 4964

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

49-In-126



106

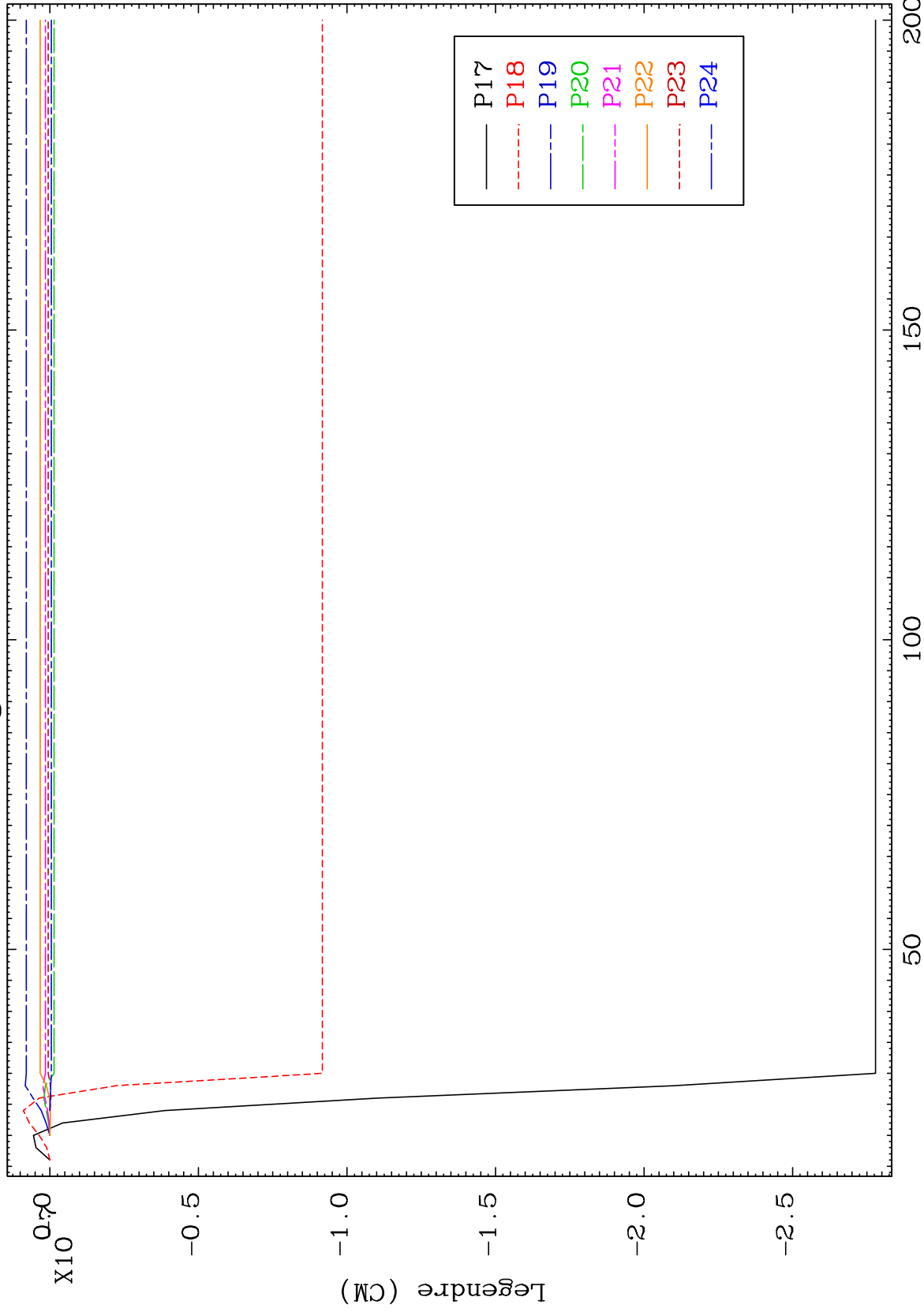
Incident Energy (MeV)

49-In-126

MAT 4964

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

49-In-126



107

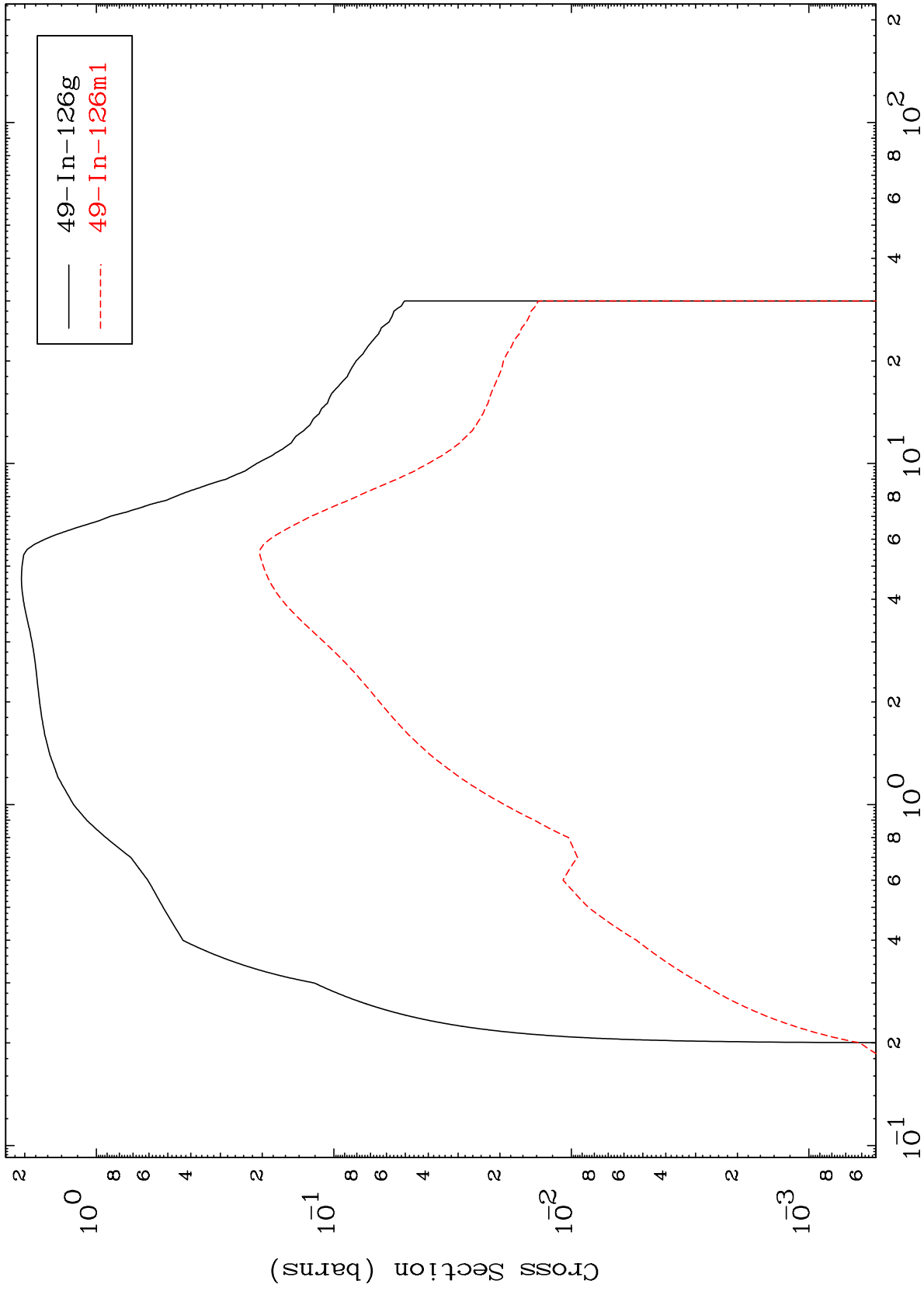
Incident Energy (MeV)

49-In-126

MAT 4964

# Inelastic Radionuclide Production Cross Section

49-In-126



108

Incident Energy (MeV)

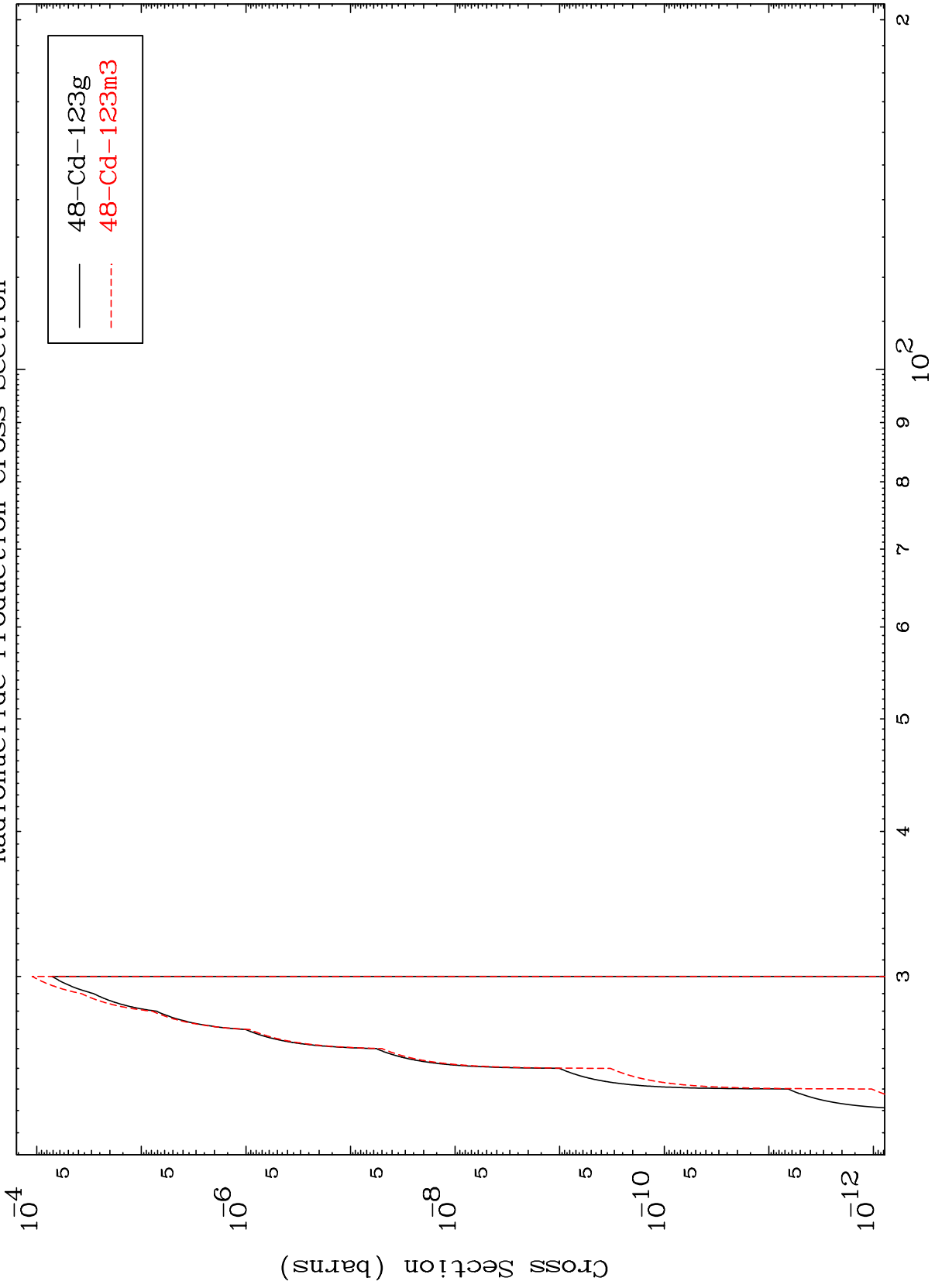
49-In-126

MAT 4964

(n,2n) d

49-In-126

Radionuclide Production Cross Section



109

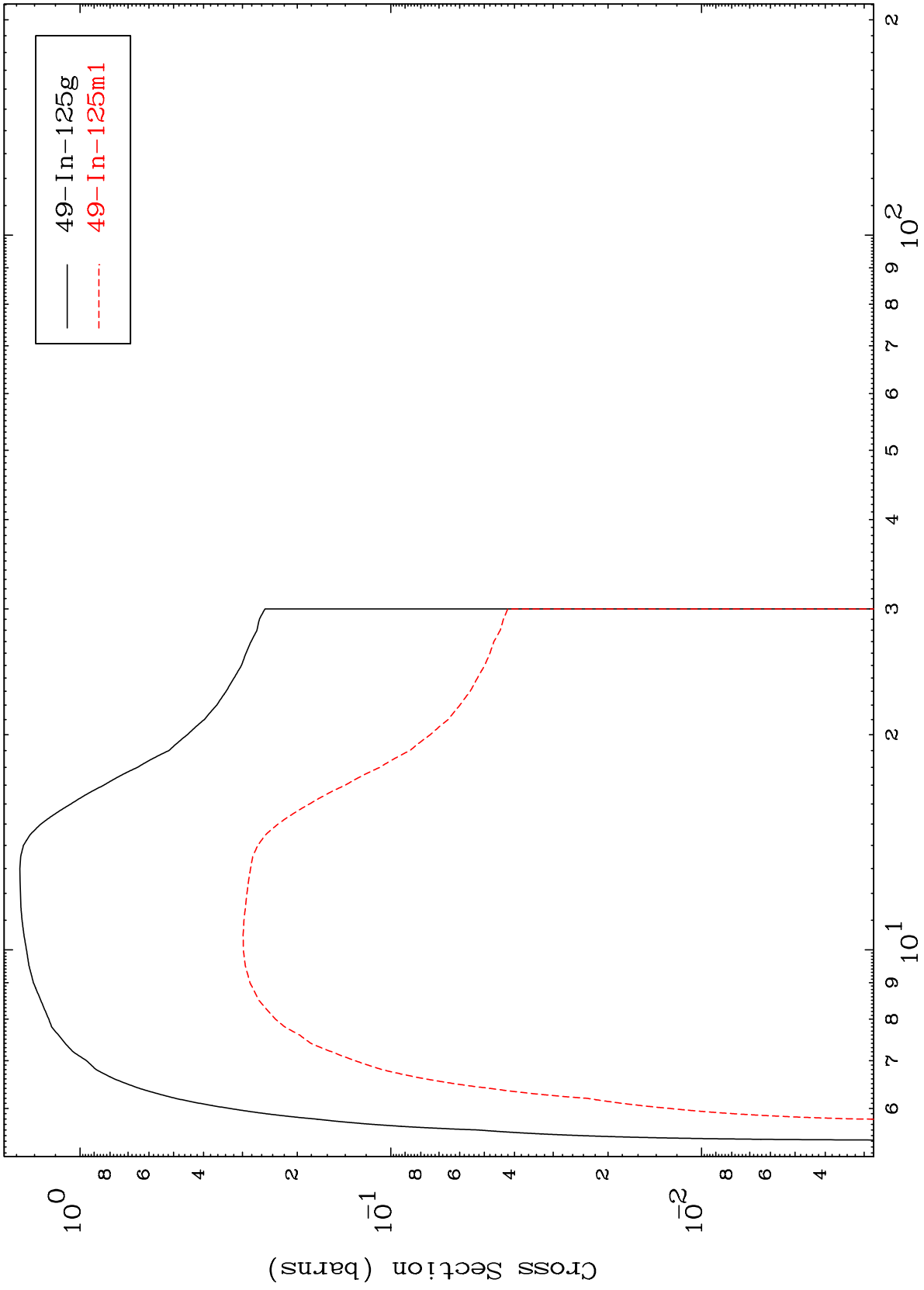
Incident Energy (MeV)

49-In-126

MAT 4964

49-In-126

(n,2n)  
Radionuclide Production Cross Section



110

Incident Energy (MeV)

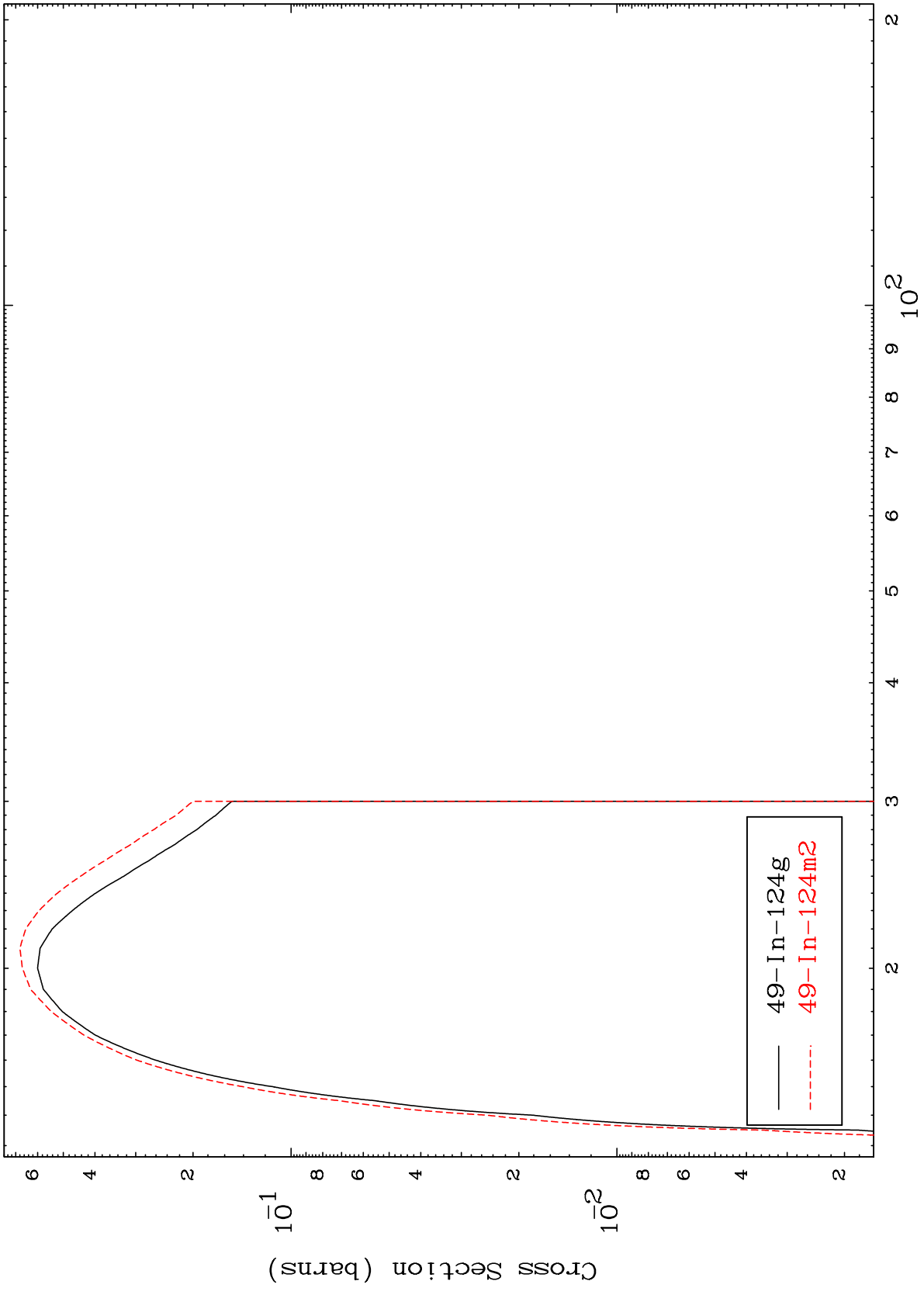
49-In-126

MAT 4964

(n,3n)

49-In-126

Radionuclide Production Cross Section



111

Incident Energy (MeV)

49-In-126

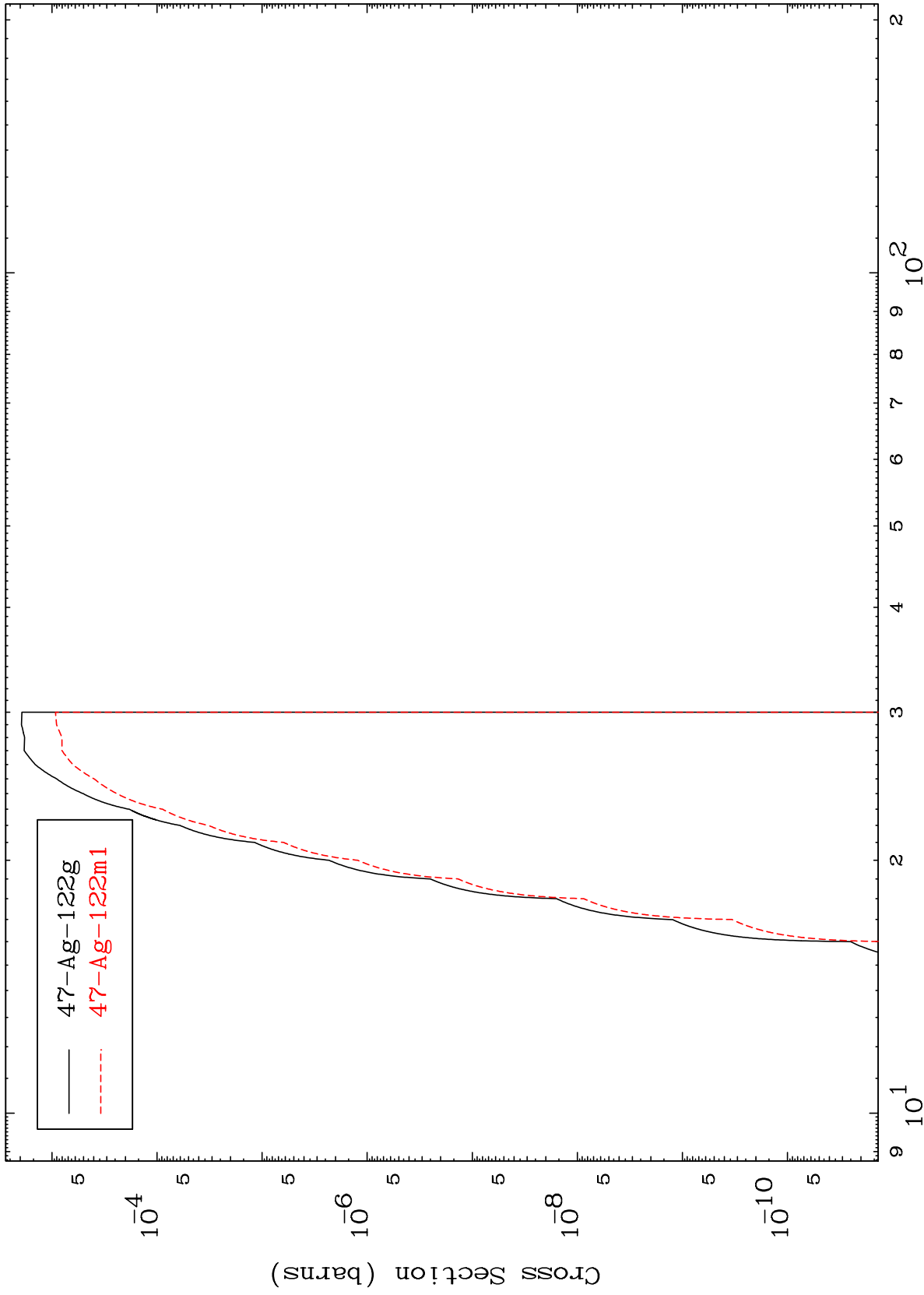


MAT 4964

(n,n')  $\alpha$

49-In-126

Radionuclide Production Cross Section



112

Incident Energy (MeV)

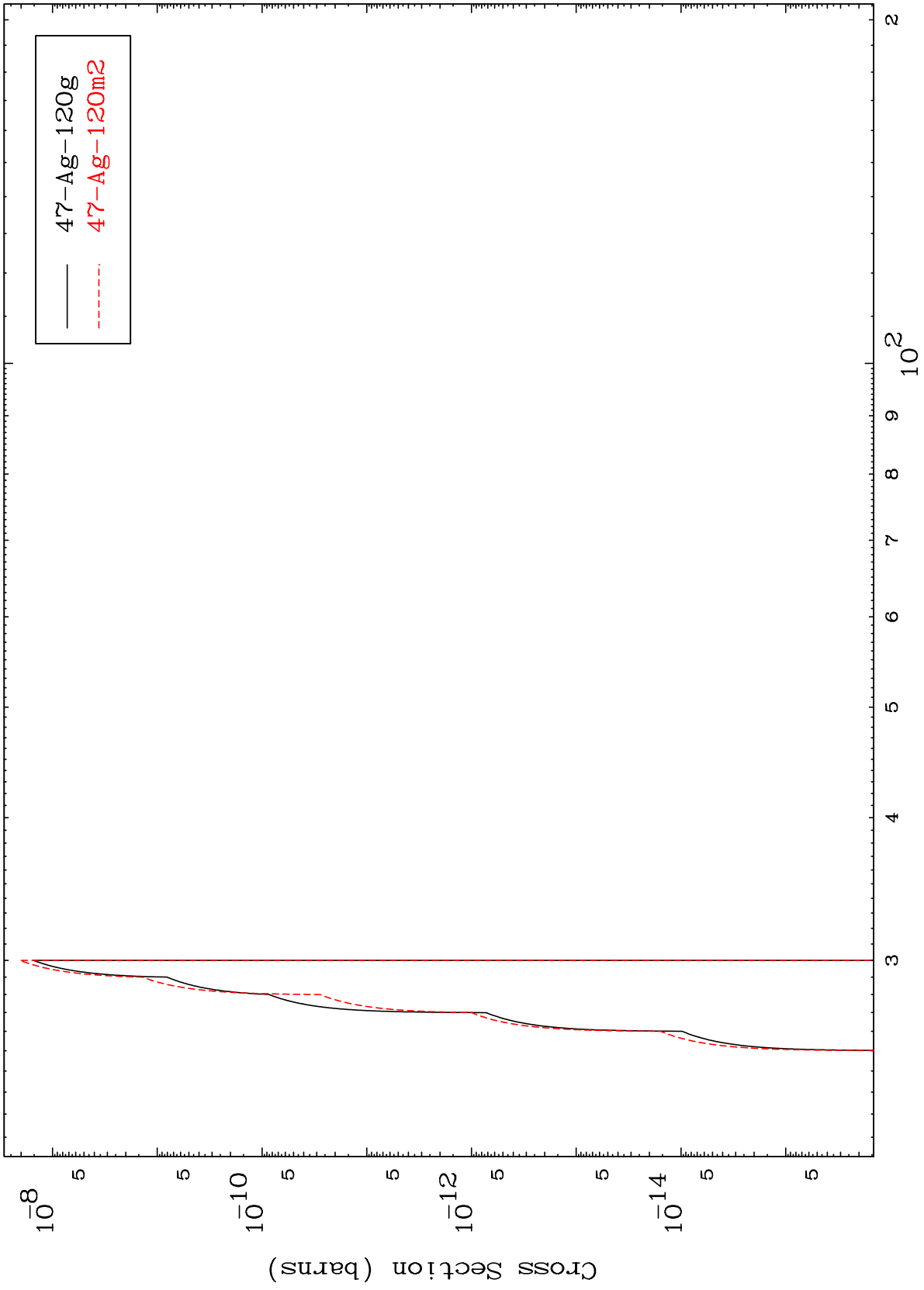
49-In-126

MAT 4964

(n,3n)  $\alpha$

49-In-126

Radionuclide Production Cross Section

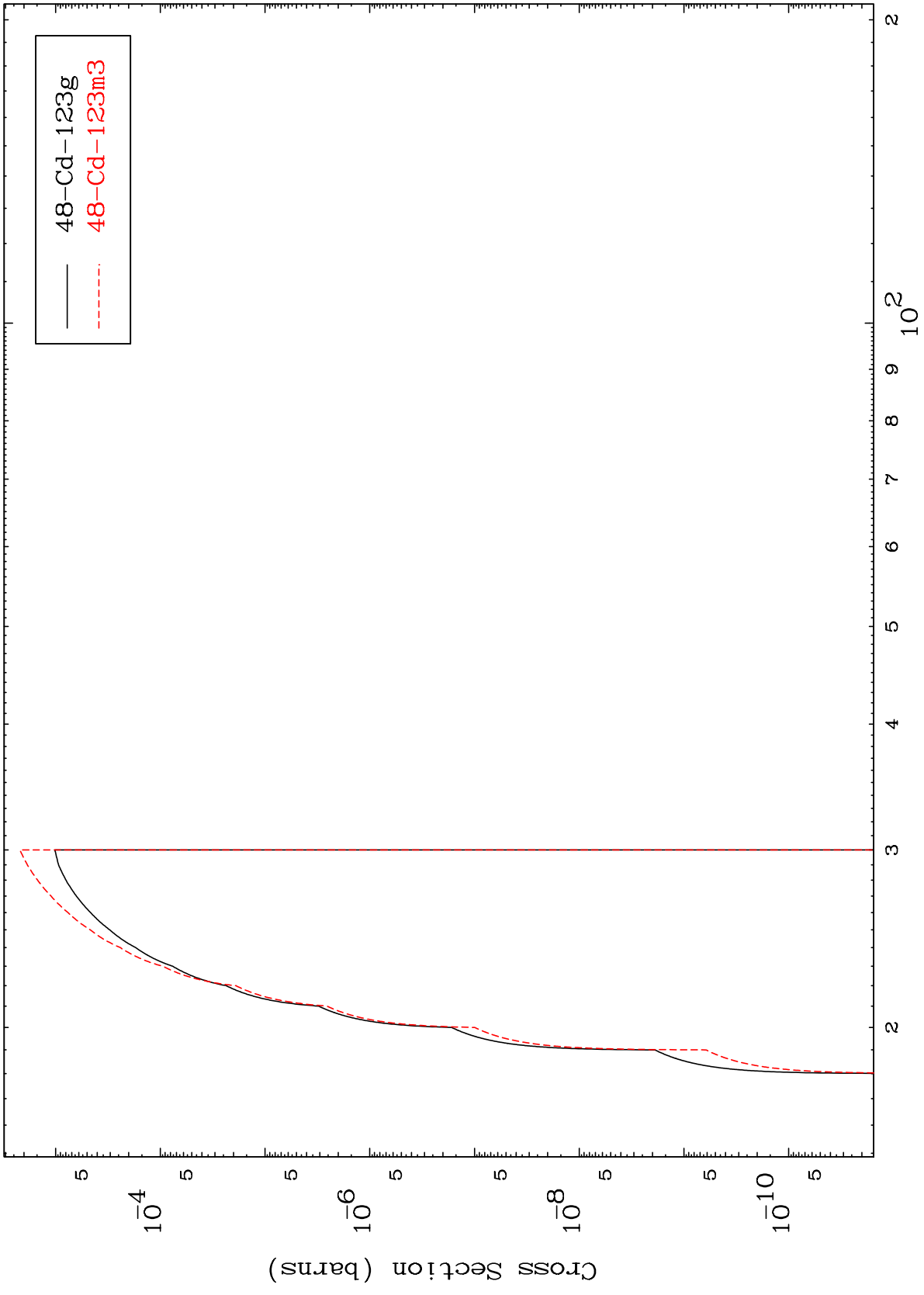


113

Incident Energy (MeV)

49-In-126

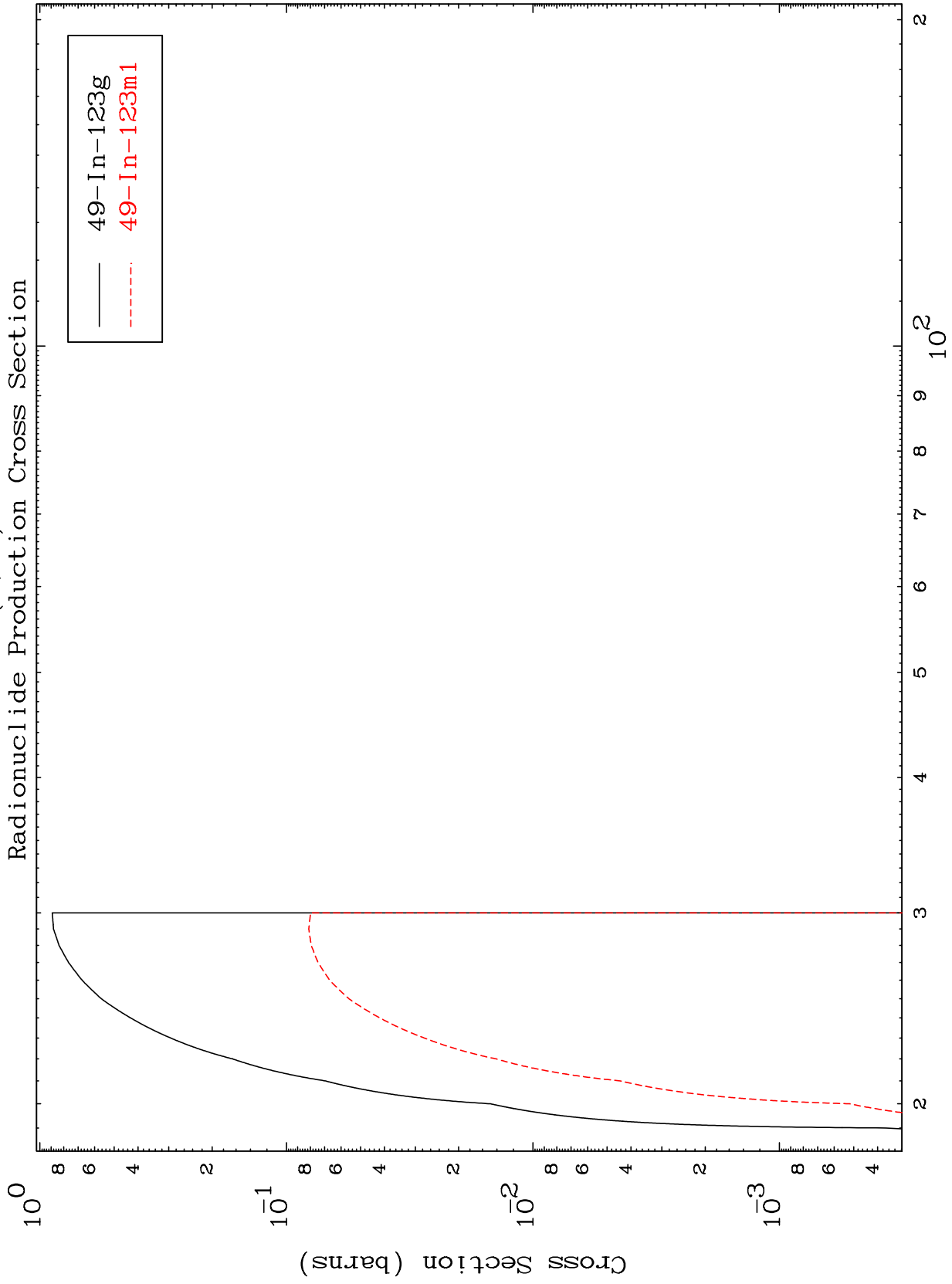
Radionuclide Production Cross Section



MAT 4964

49-In-126

(n,4n)  
Radionuclide Production Cross Section



49-In-123g  
49-In-123m1

115

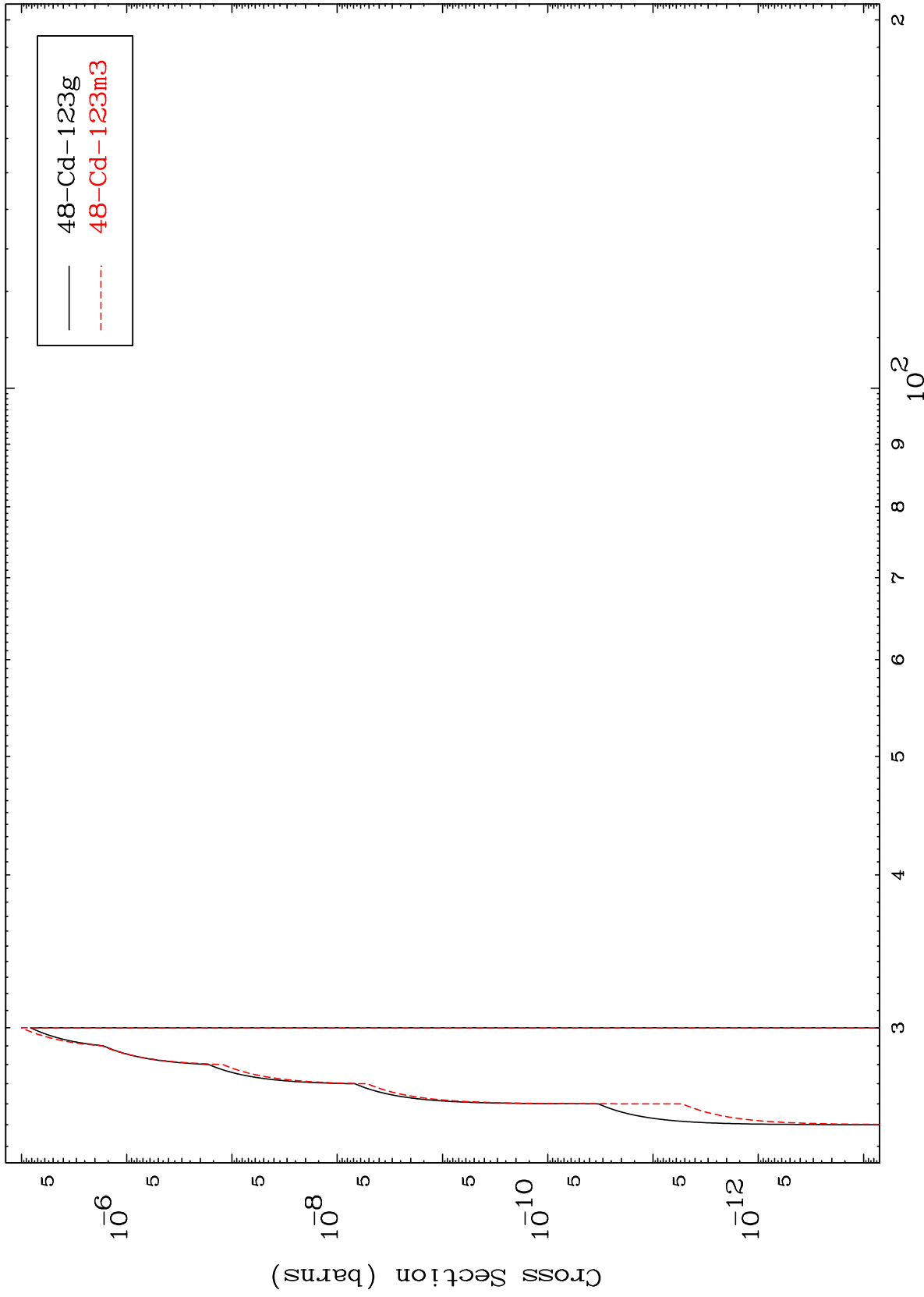
49-In-126

MAT 4964

(n,3n) p

49-In-126

Radionuclide Production Cross Section



116

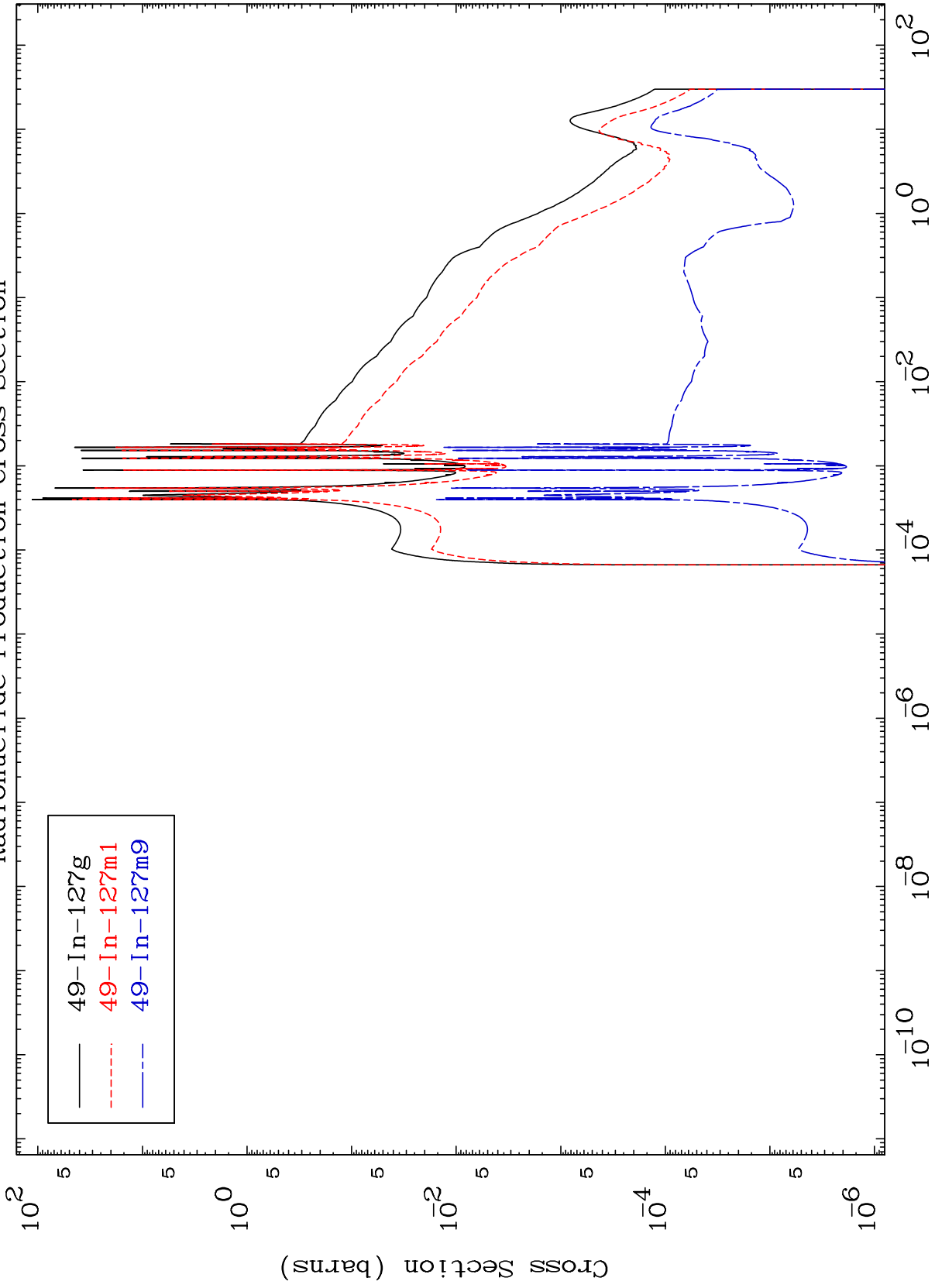
Incident Energy (MeV)

49-In-126

MAT 4964

49-In-126

Radionuclide Production Cross Section



117

49-In-126