

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

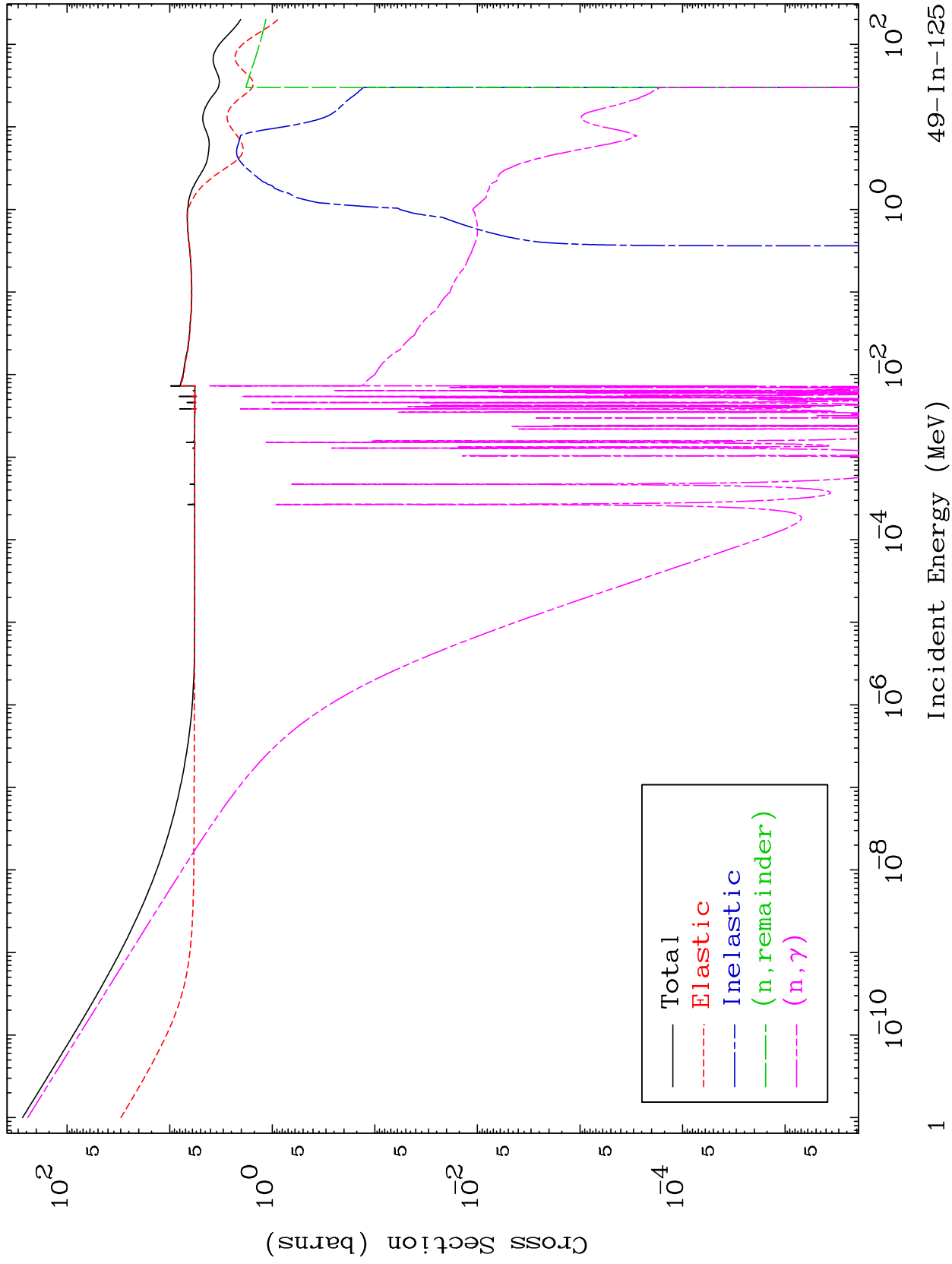
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4961

Major  
293 Kelvin Cross Sections

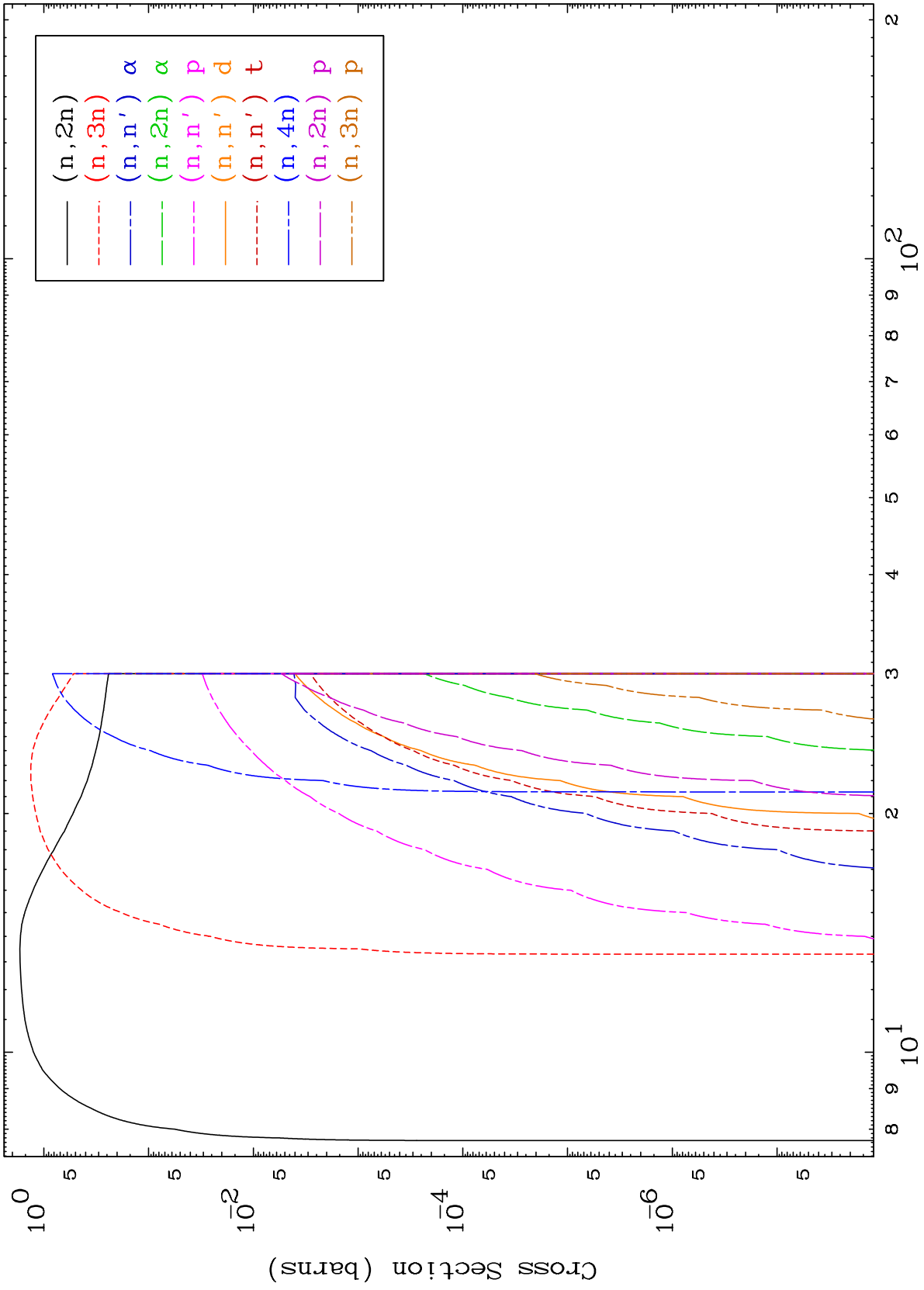
49-In-125



MAT 4961

### Neutron Production 293 Kelvin Cross Sections

49-In-125



2

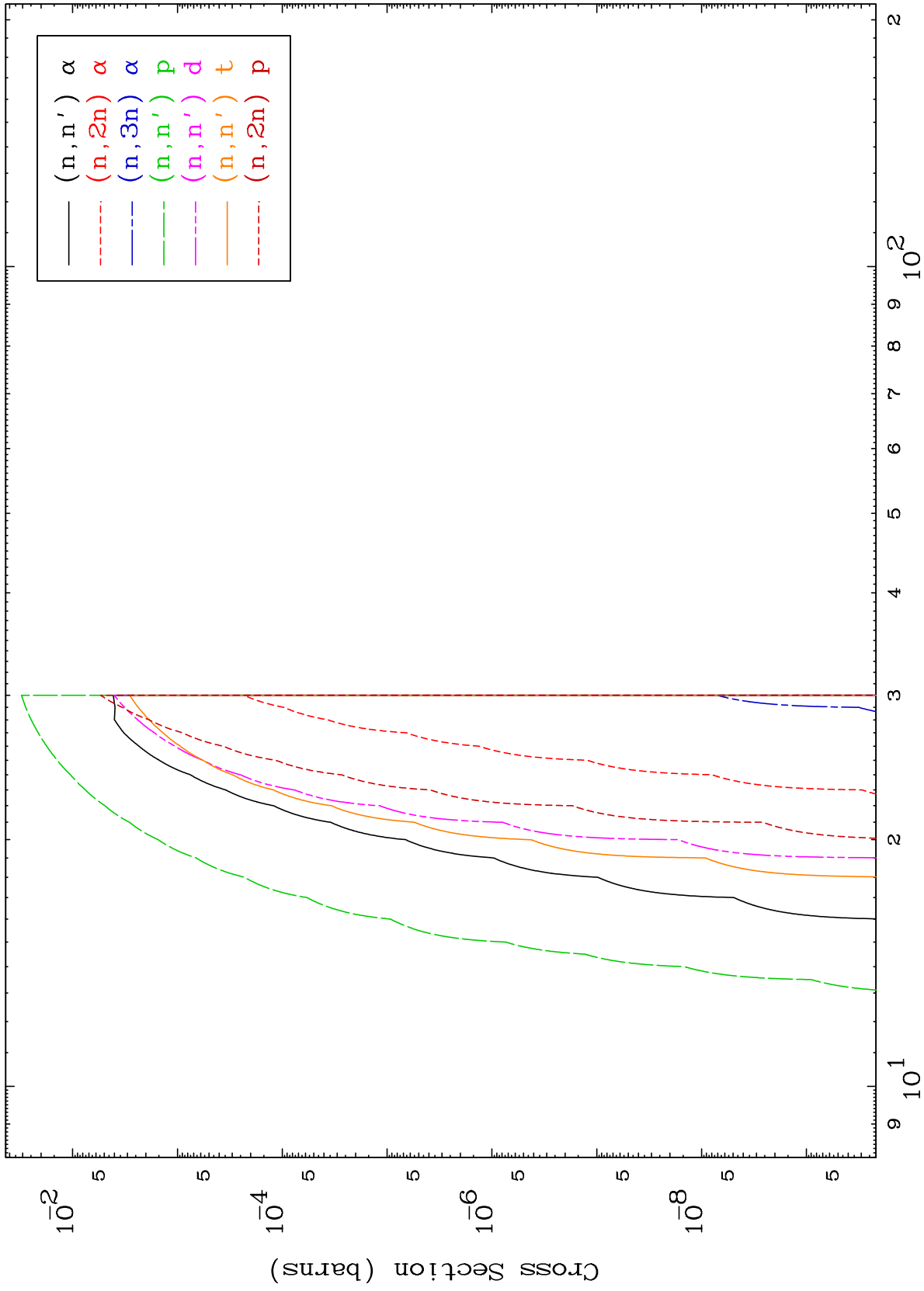
Incident Energy (MeV)

49-In-125

MAT 4961

Charged Particle  
293 Kelvin Cross Sections

49-In-125



3

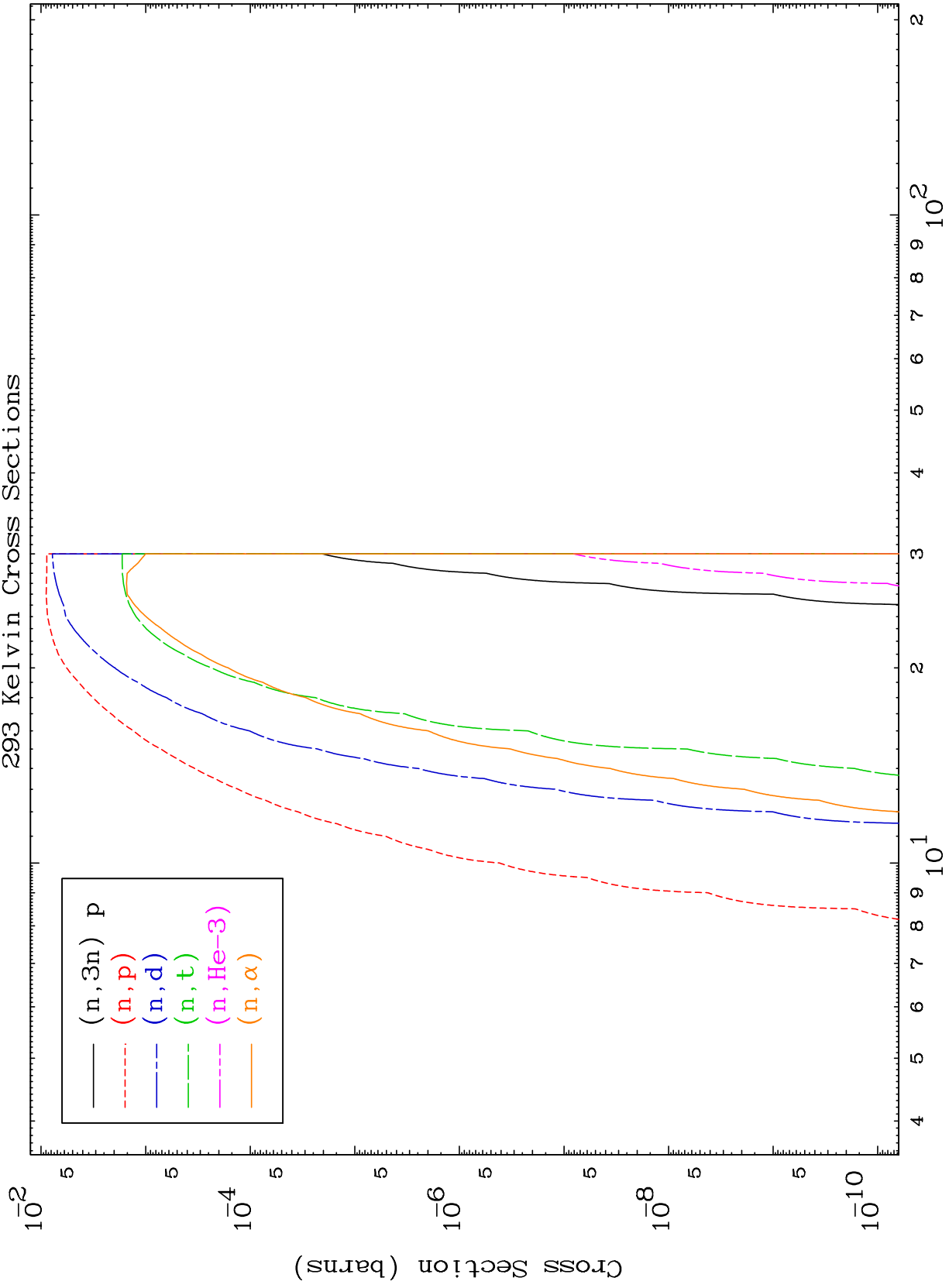
Incident Energy (MeV)

49-In-125

MAT 4961

Charged Particle  
293 Kelvin Cross Sections

49-In-125



4

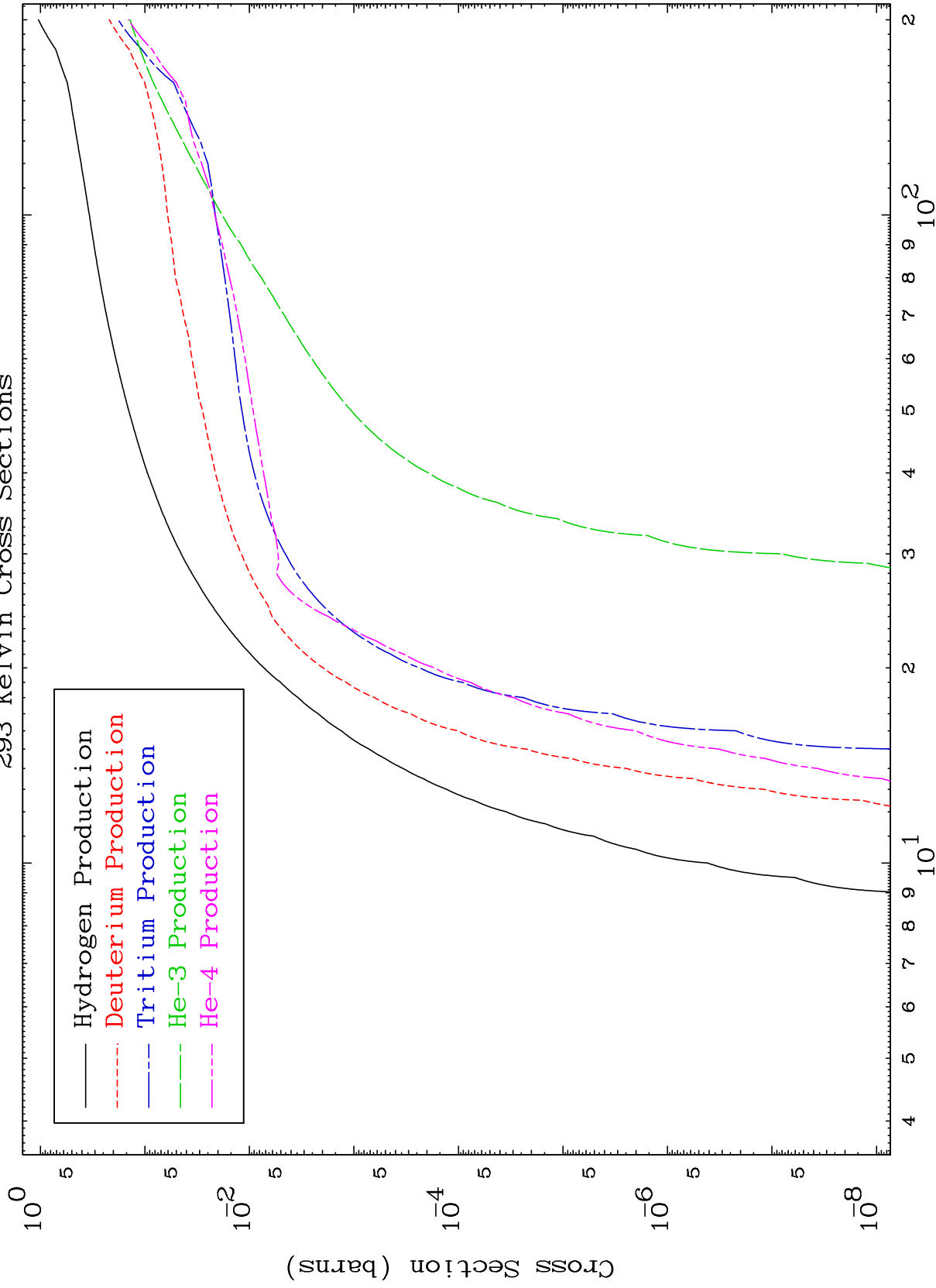
Incident Energy (MeV)

49-In-125

MAT 4961

Particle Production  
293 Kelvin Cross Sections

49-In-125



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Incident Energy (MeV)

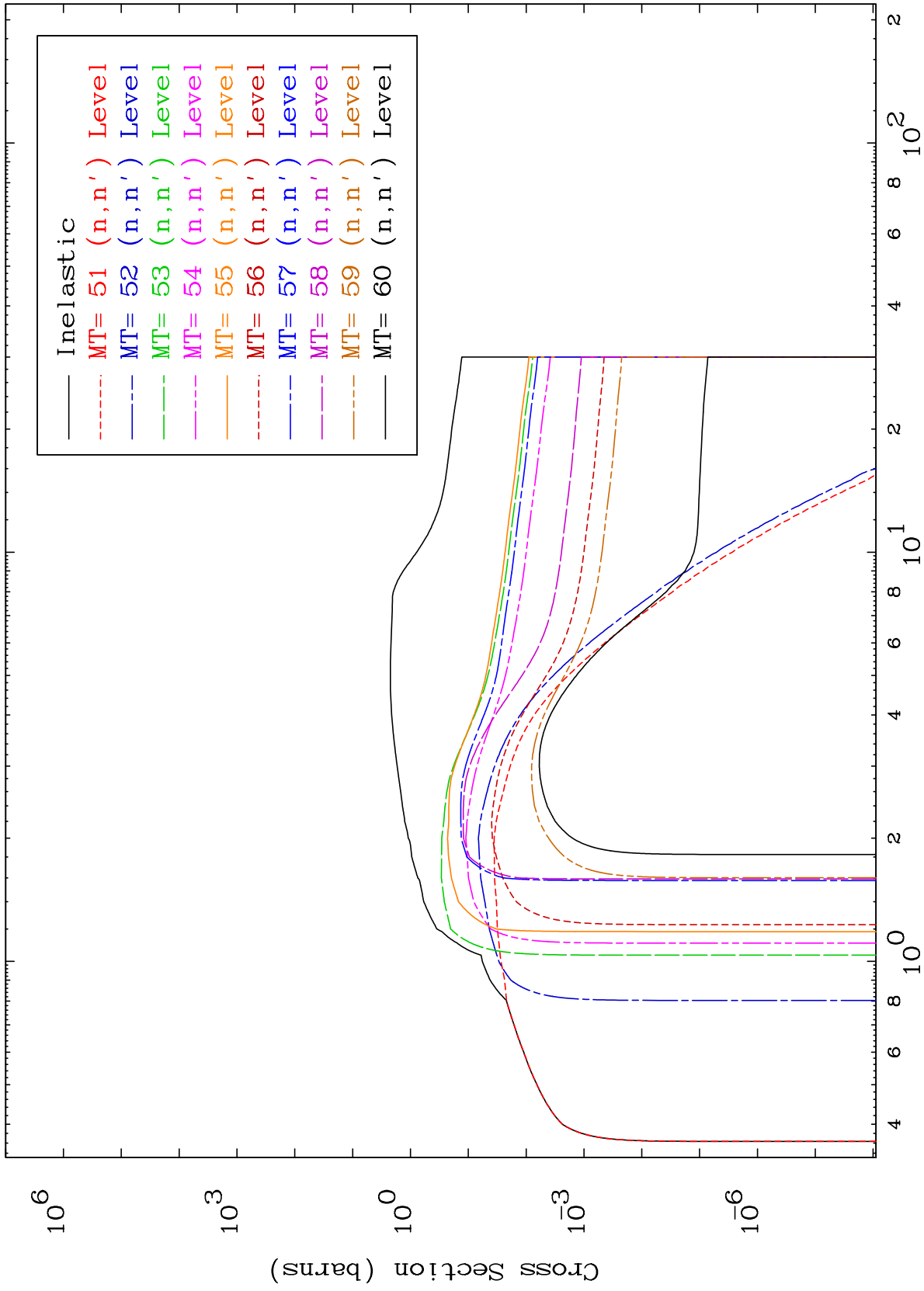
49-In-125

MAT 4961

(n,n') Level

49-In-125

293 Kelvin Cross Sections



6

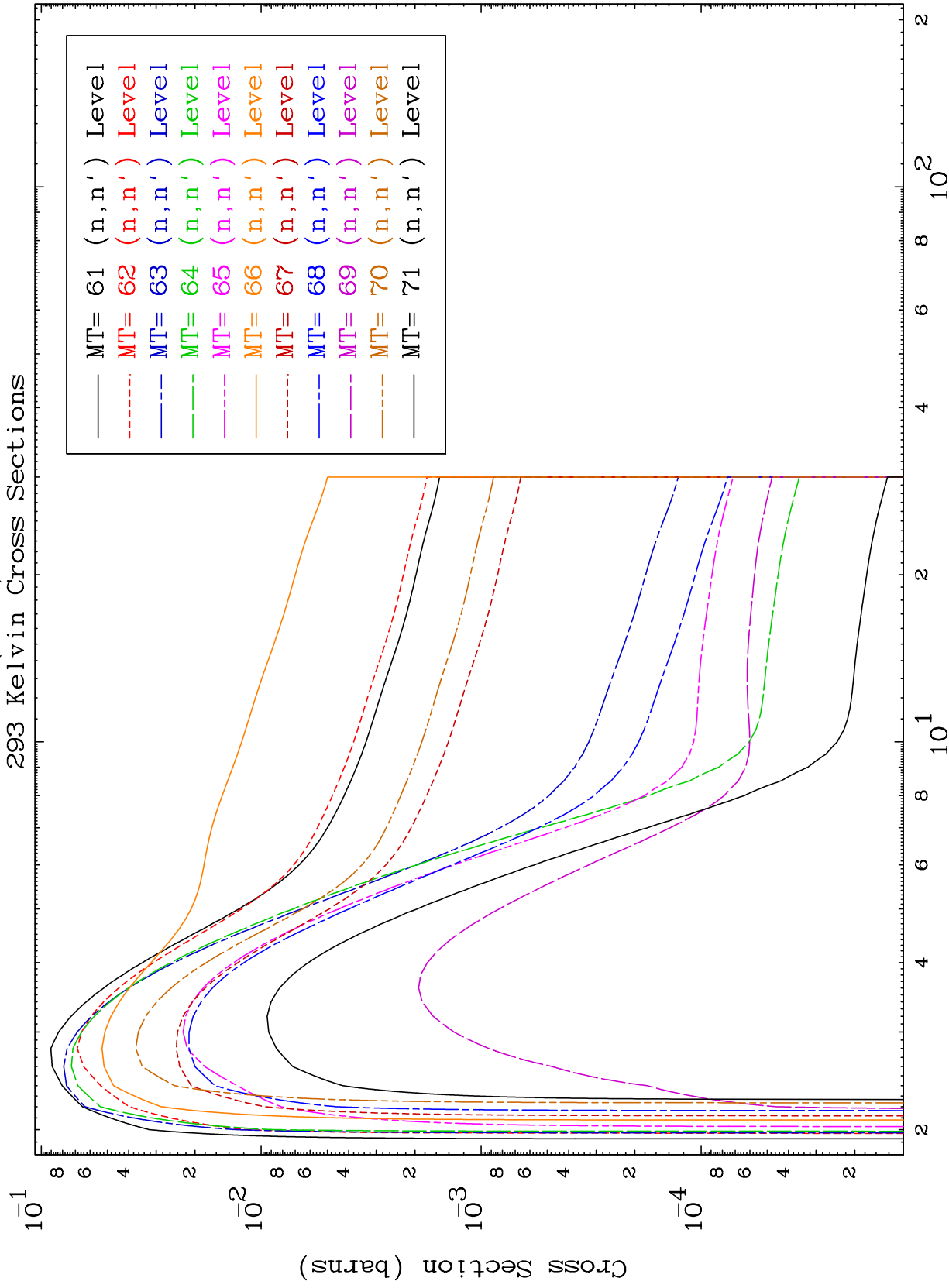
49-In-125

MAT 4961

(n,n') Level

293 Kelvin Cross Sections

49-In-125



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Incident Energy (MeV)

49-In-125

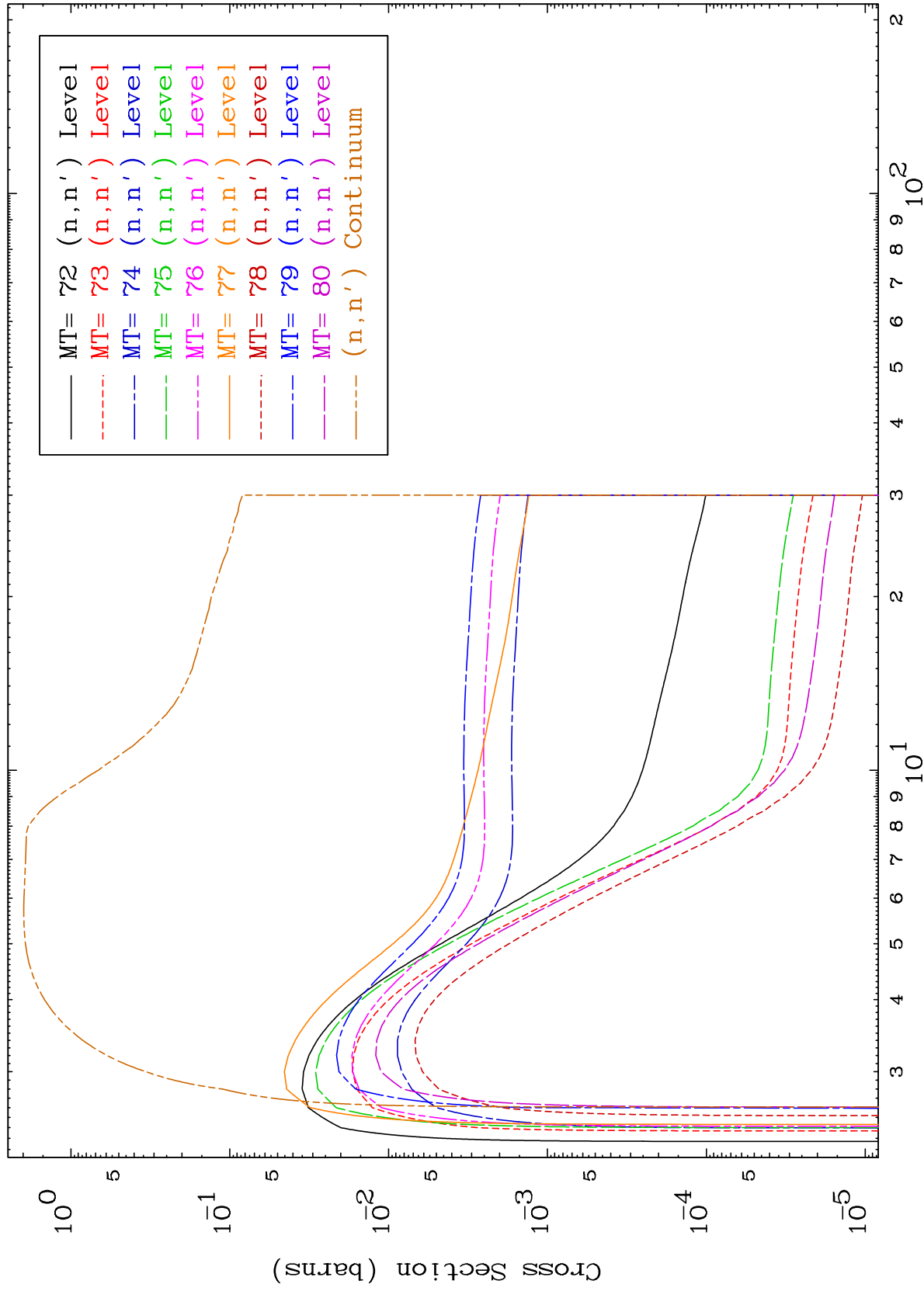


MAT 4961

(n,n') Level

49-In-125

293 Kelvin Cross Sections



8

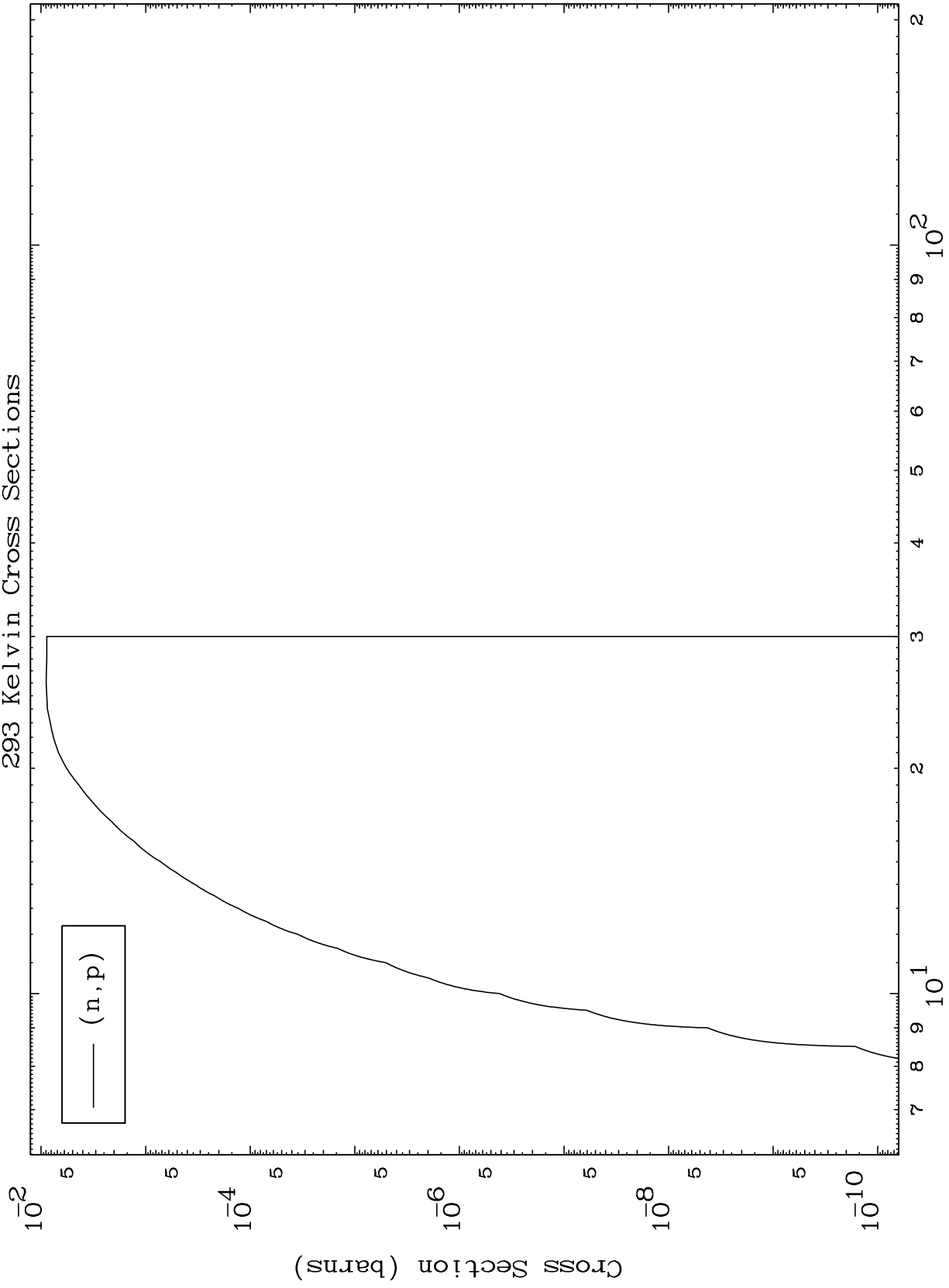
Incident Energy (MeV)

49-In-125

MAT 4961

(n,p) Levels  
293 Kelvin Cross Sections

49-In-125



9

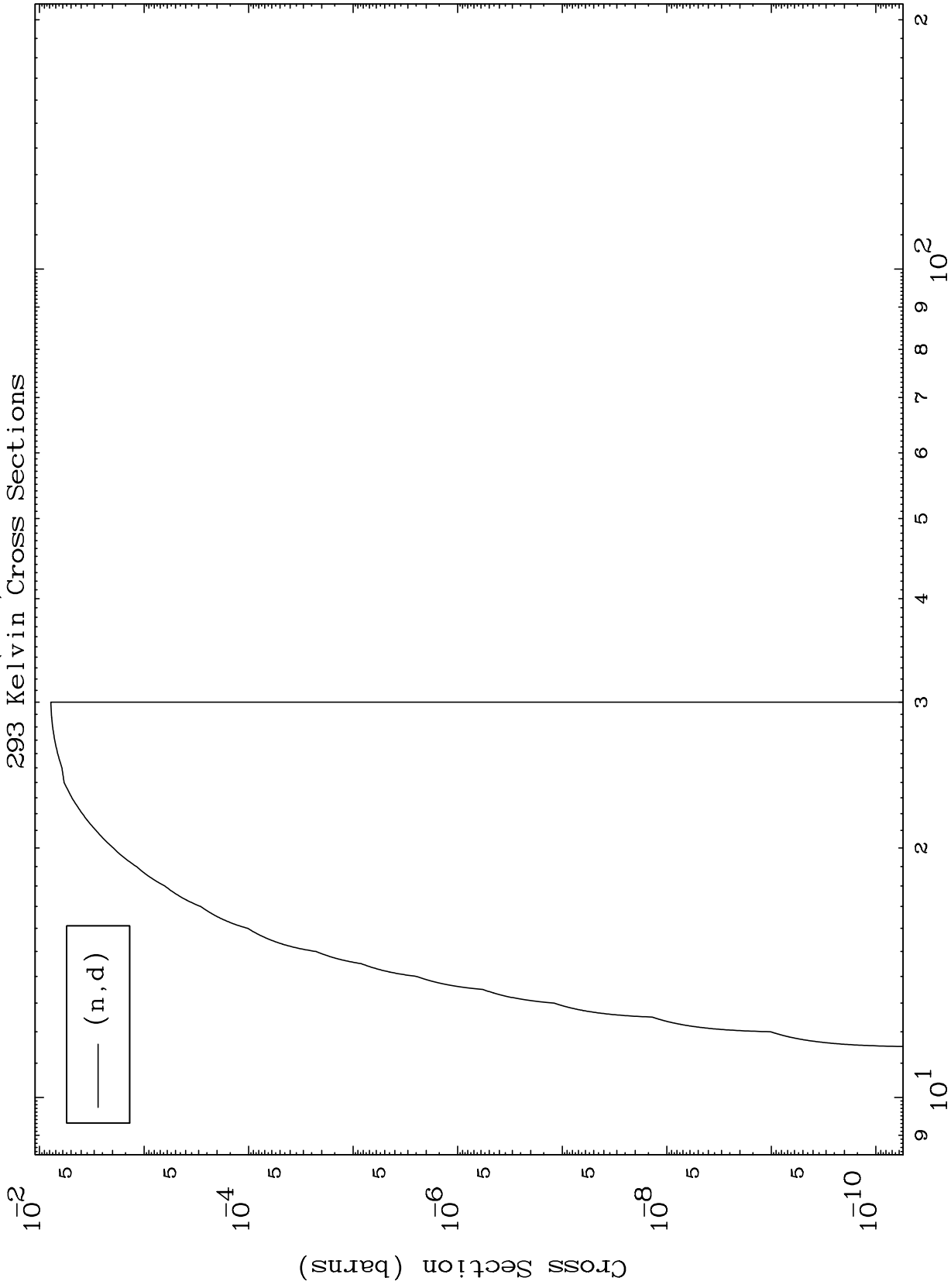
Incident Energy (MeV)

49-In-125

MAT 4961

(n,d) Levels  
293 Kelvin Cross Sections

49-In-125



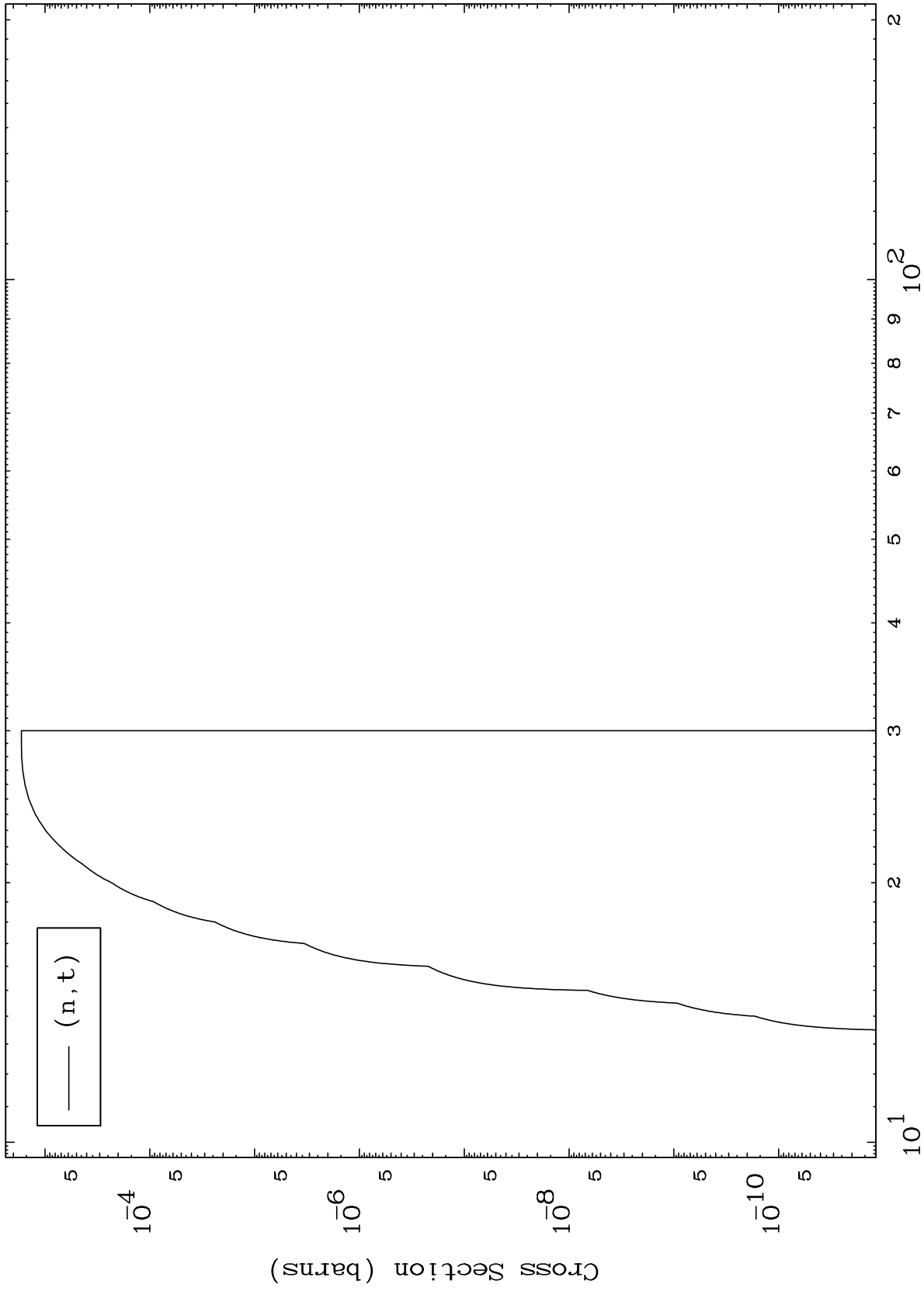
Incident Energy (MeV)

49-In-125

MAT 4961

(n,t) Levels  
293 Kelvin Cross Sections

49-In-125



11

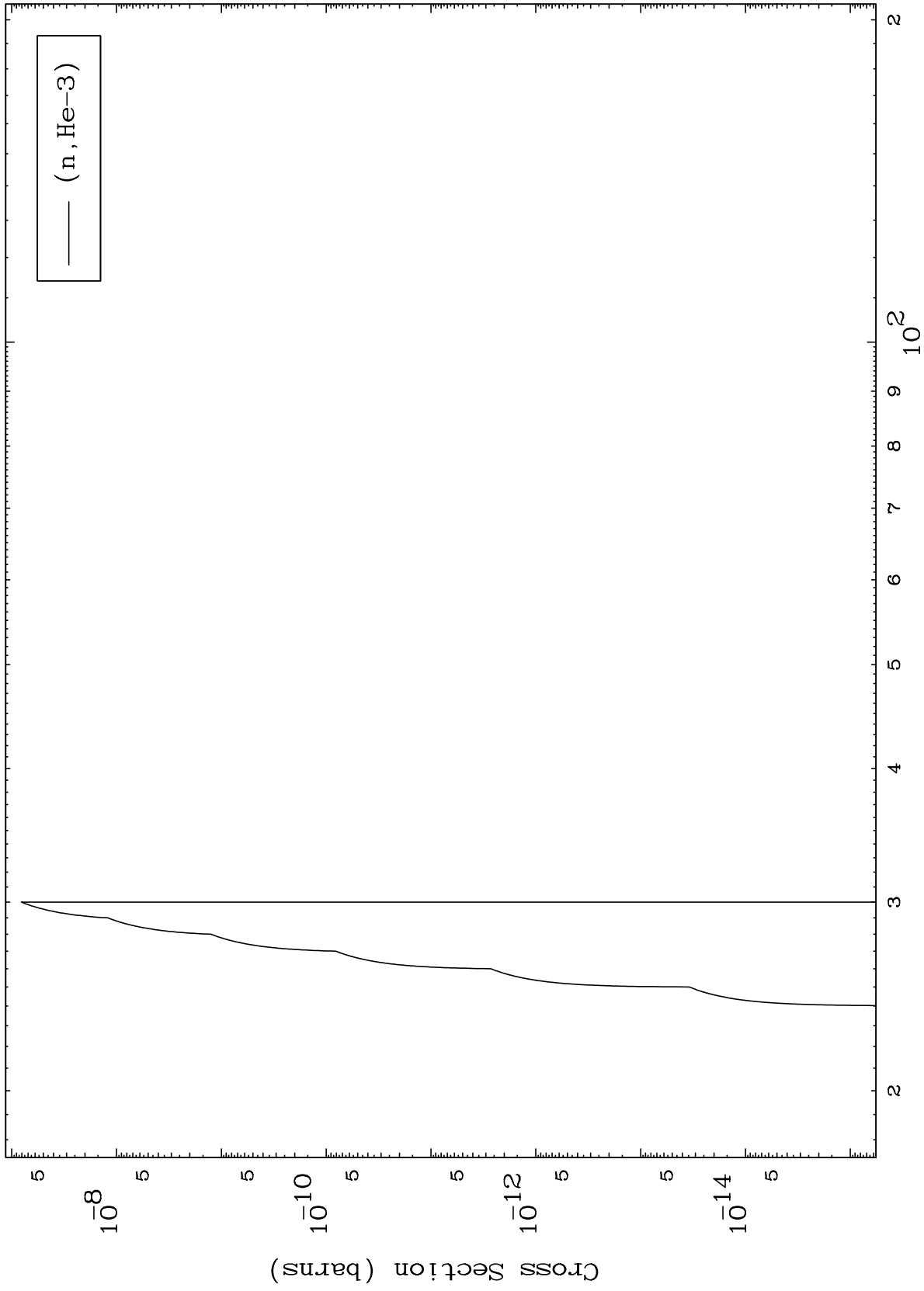
Incident Energy (MeV)

49-In-125

MAT 4961

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-125



12

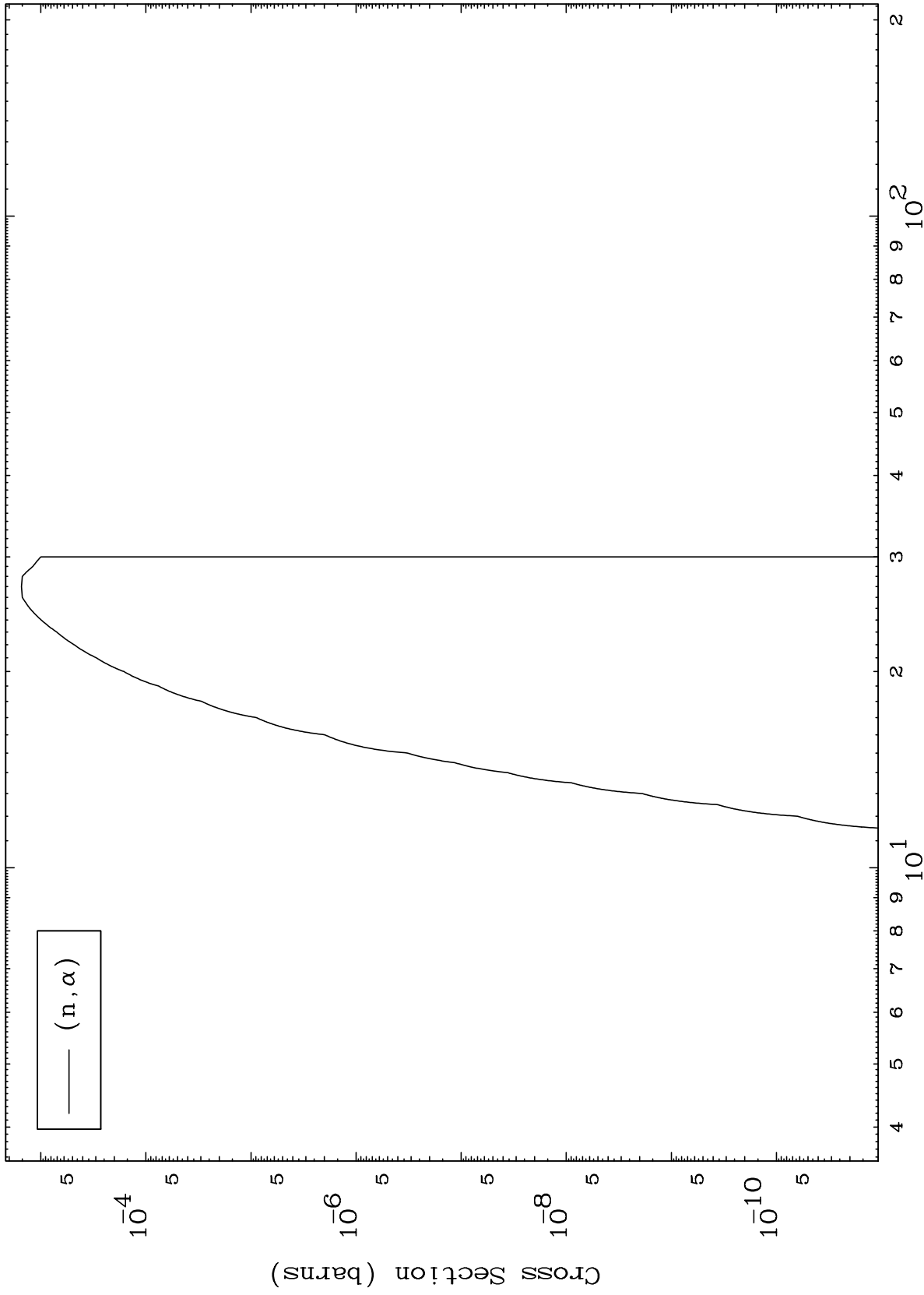
Incident Energy (MeV)

49-In-125

MAT 4961

(n,α) Levels  
293 Kelvin Cross Sections

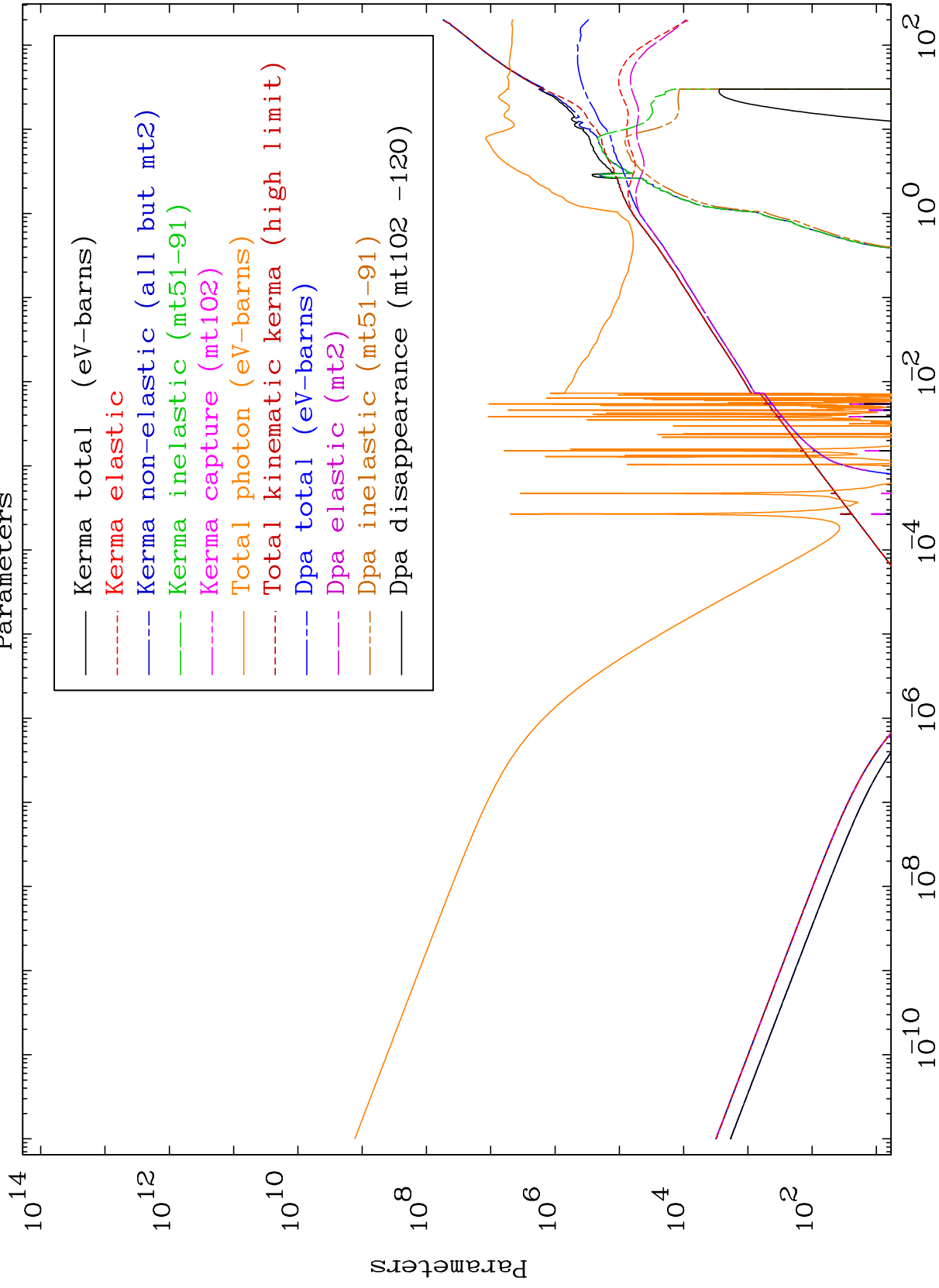
49-In-125



13

Incident Energy (MeV)

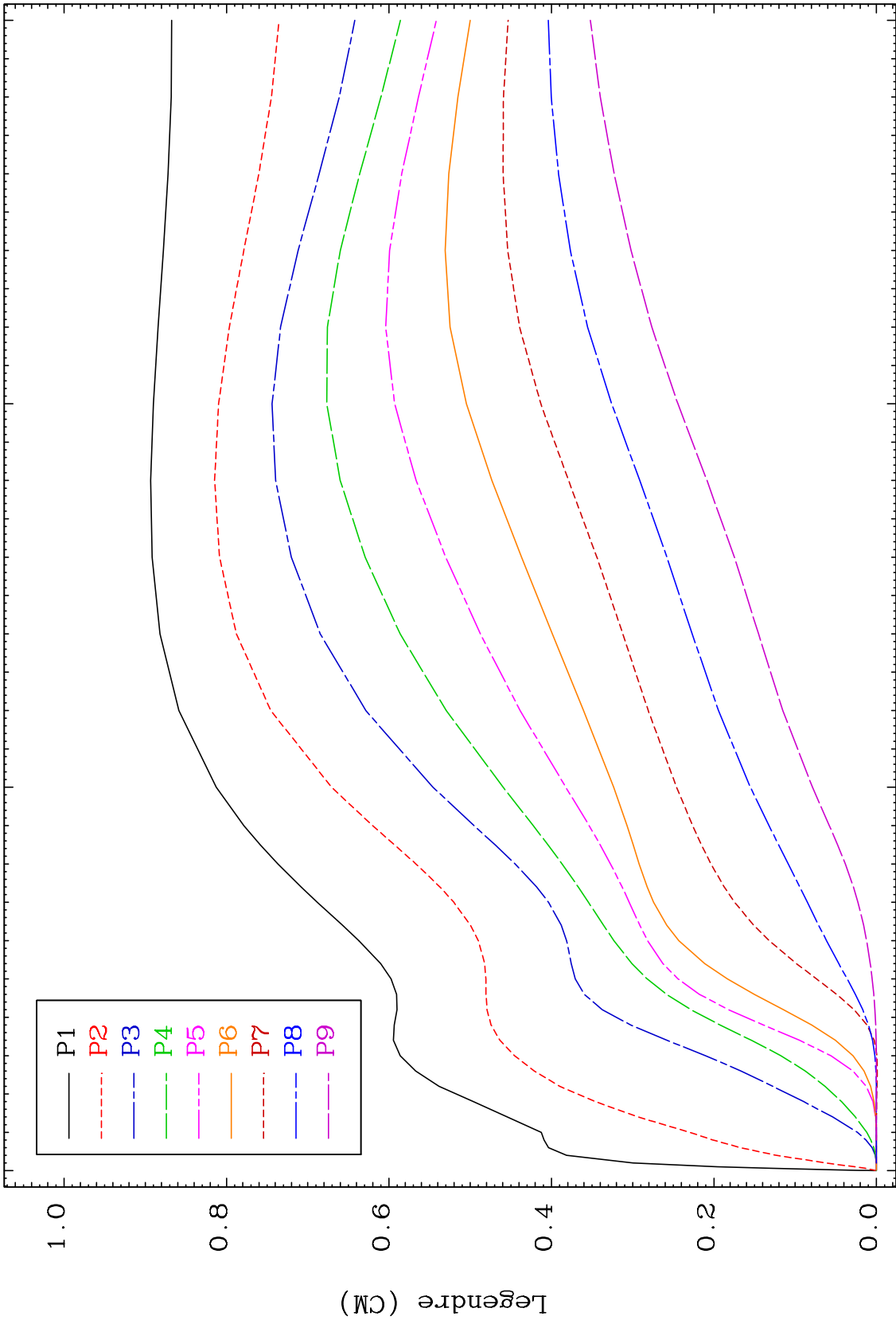
49-In-125



MAT 4961

Elastic Legendre Coefficients

49-In-125



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Incident Energy (MeV)

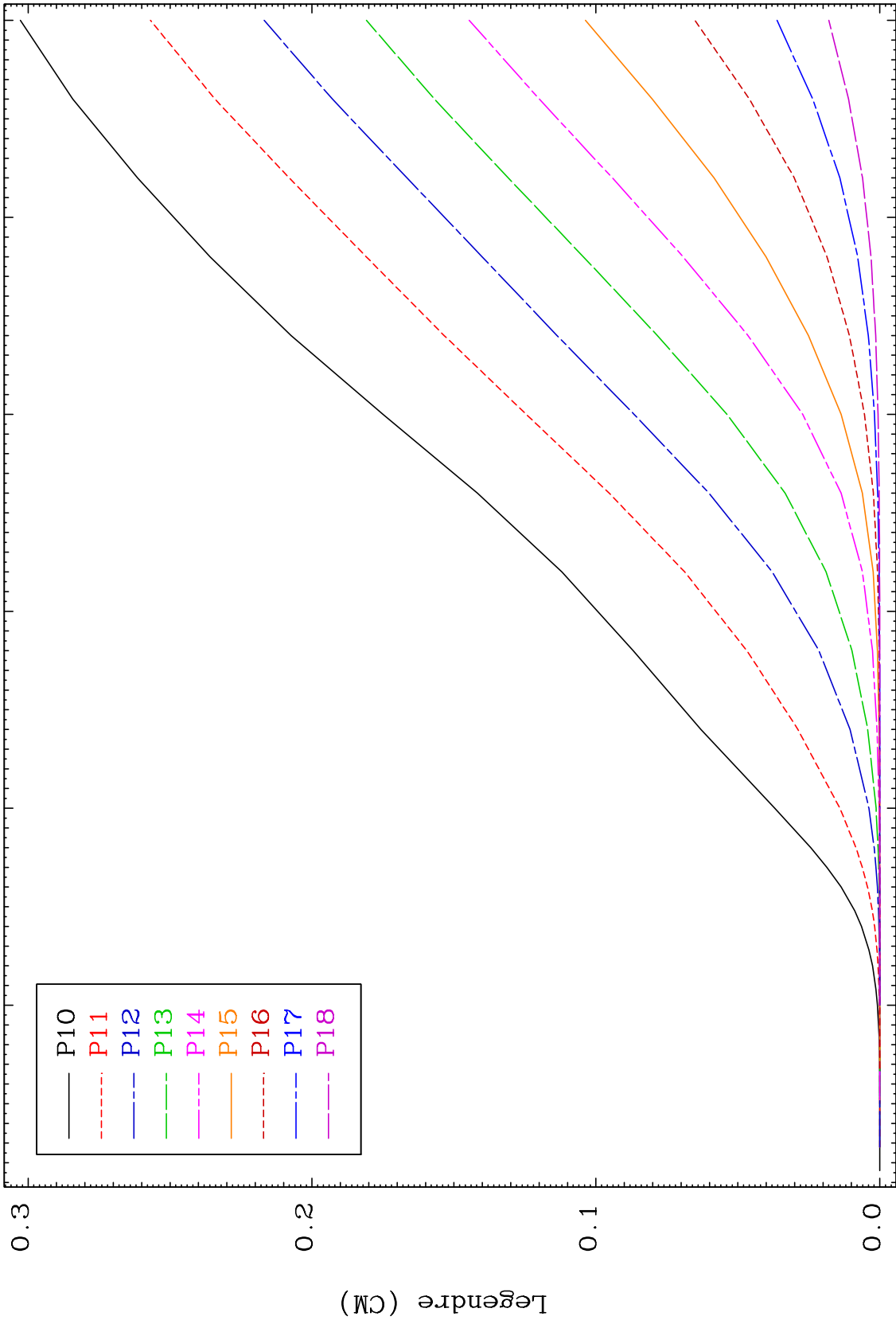
49-In-125



MAT 4961

Elastic Legendre Coefficients

49-In-125



16

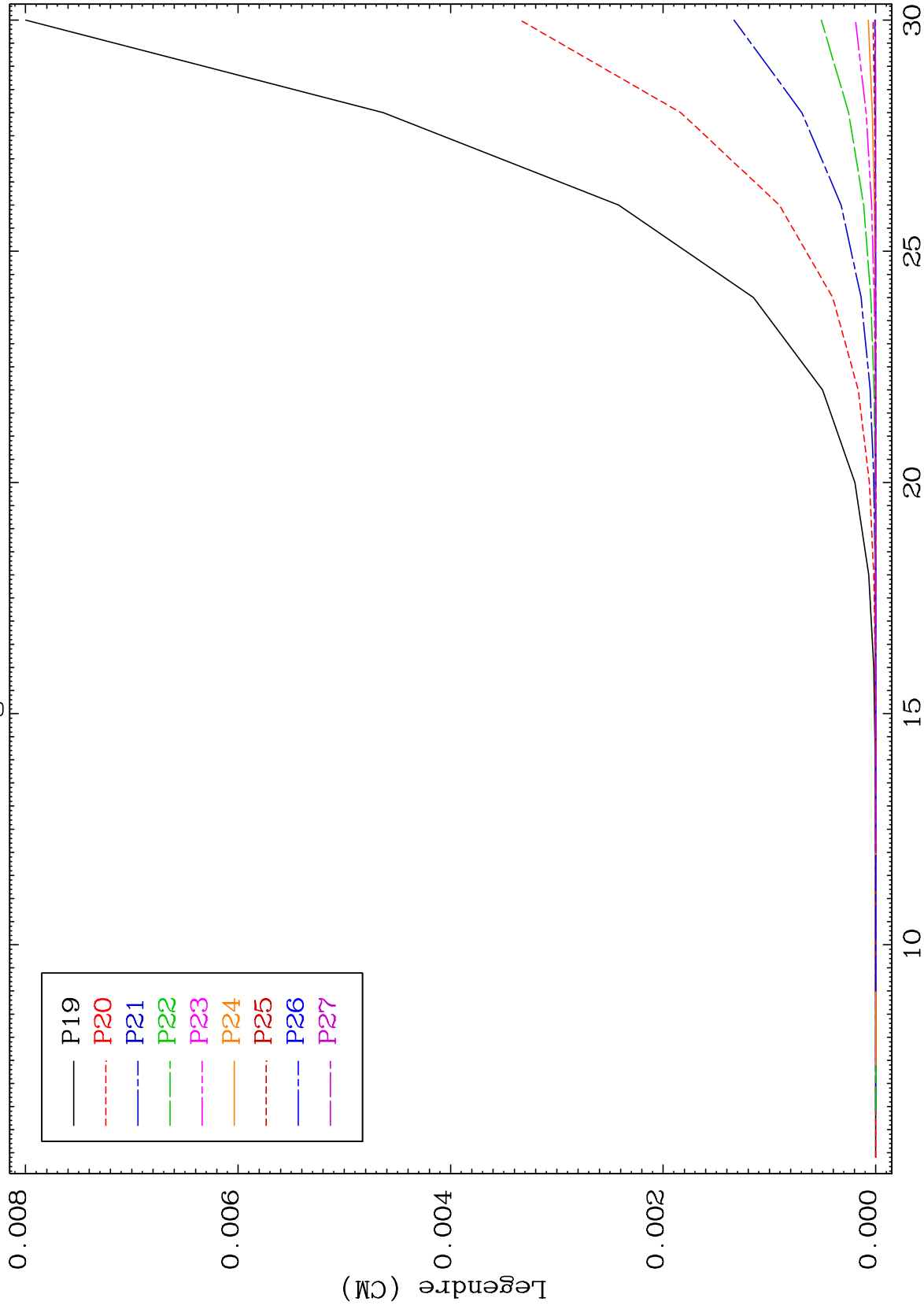
Incident Energy (MeV)

49-In-125

MAT 4961

Elastic  
Legendre Coefficients

49-In-125



17

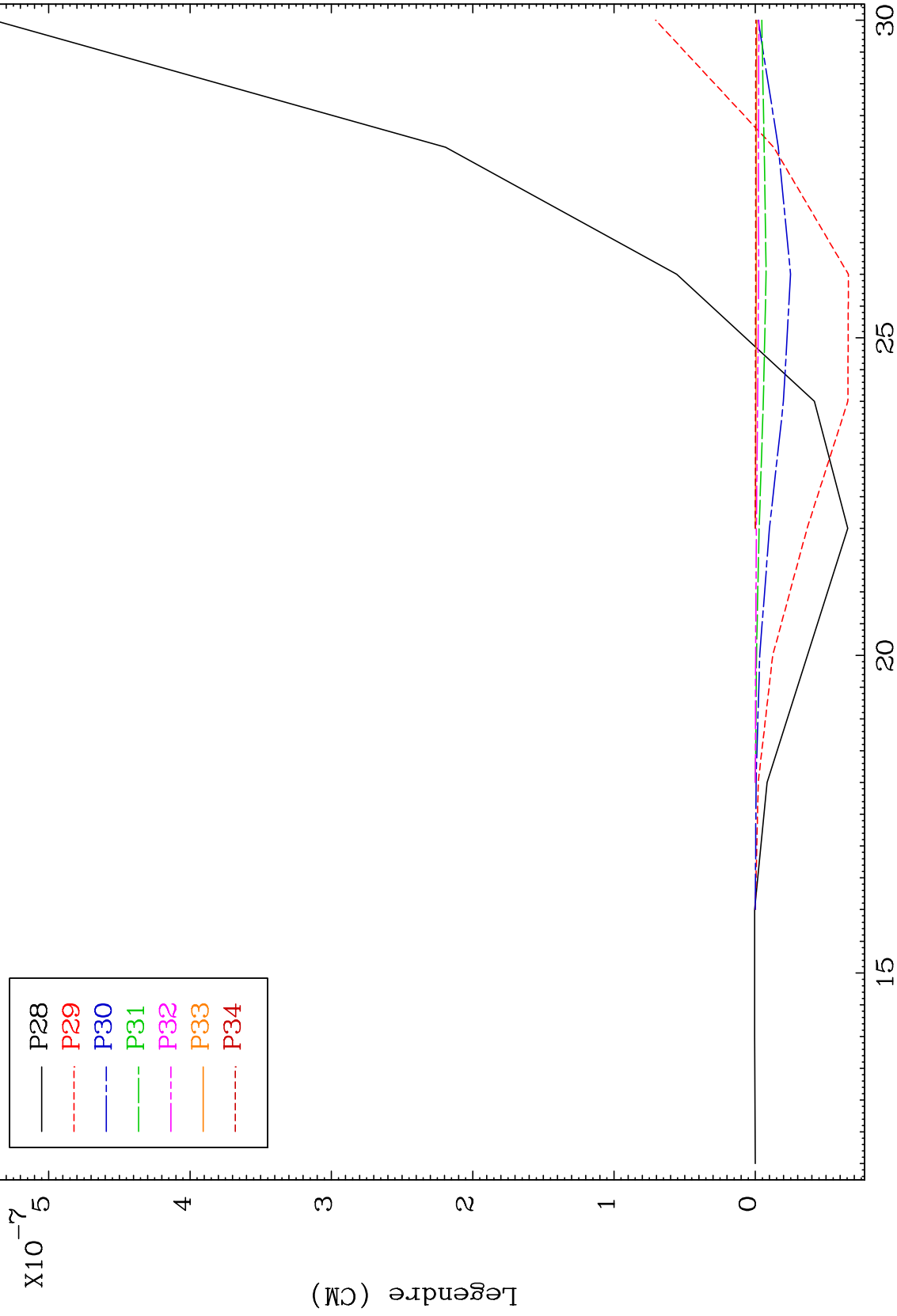
Incident Energy (MeV)

49-In-125

MAT 4961

Elastic Legendre Coefficients

49-In-125



18

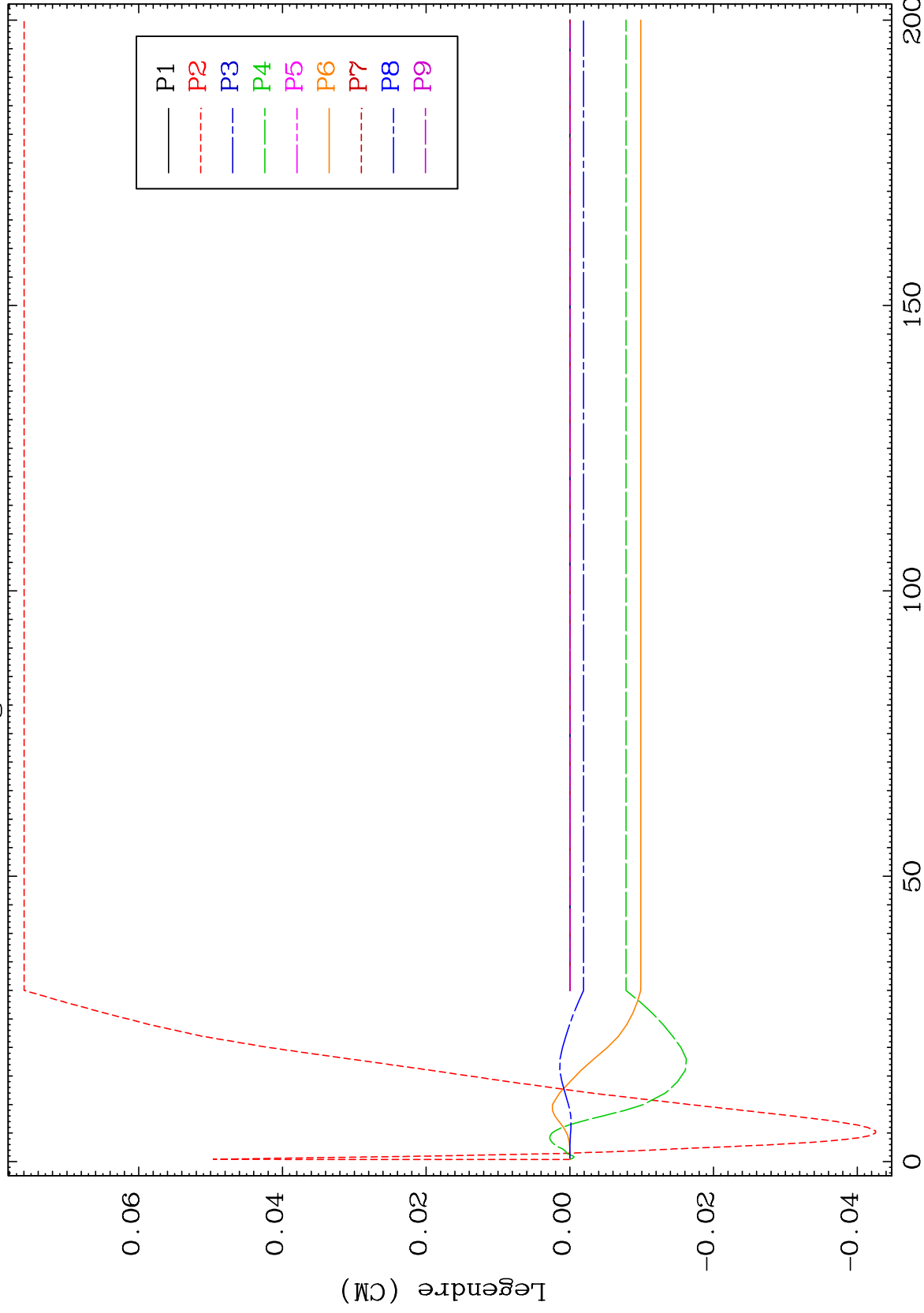
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



19

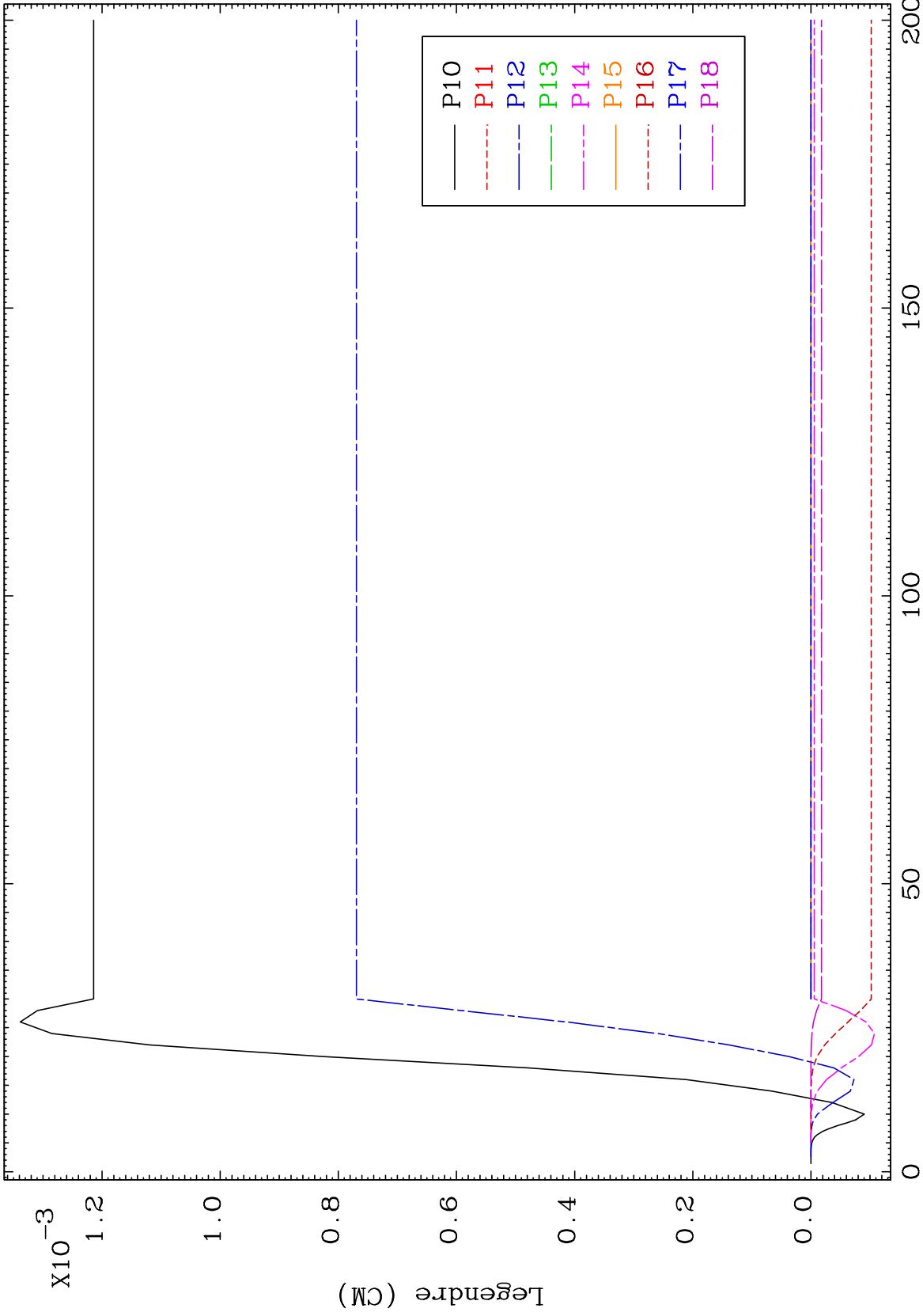
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125

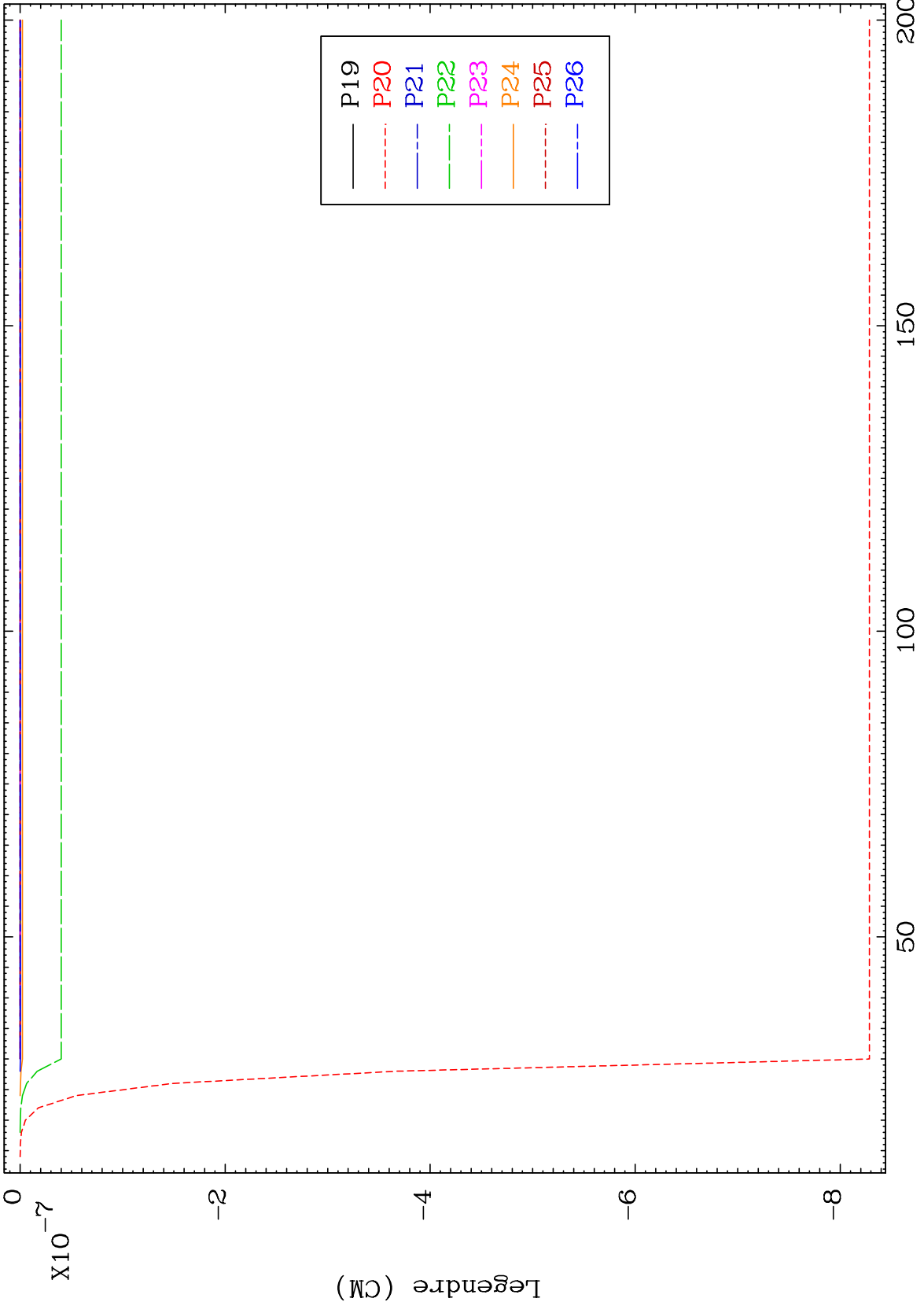


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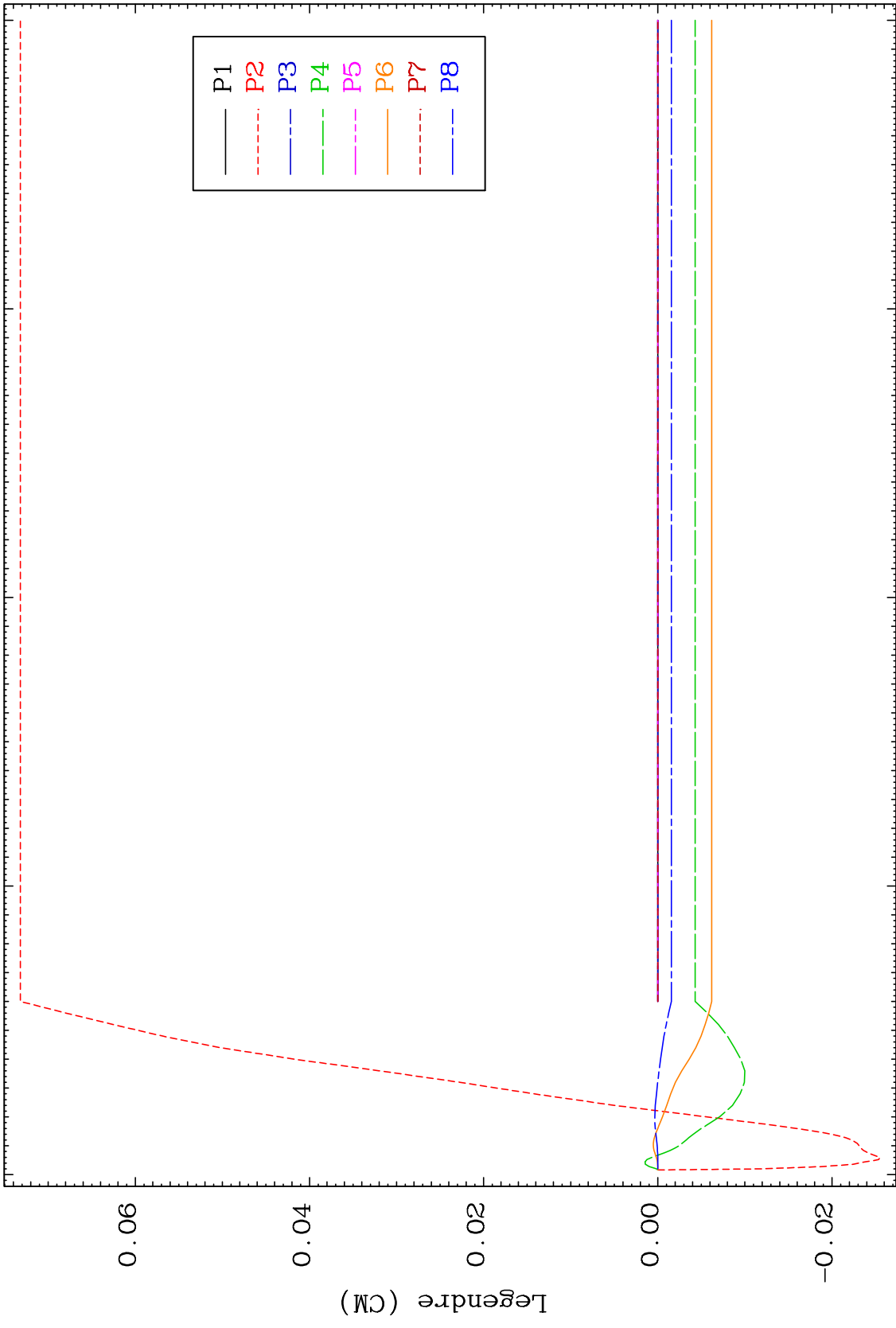
Incident Energy (MeV)

49-In-125

MAT 4961 MT= 51 (n,n') Level Legendre Coefficients 49-In-125



MAT 4961 MT= 52 (n,n') Level Legendre Coefficients 49-In-125

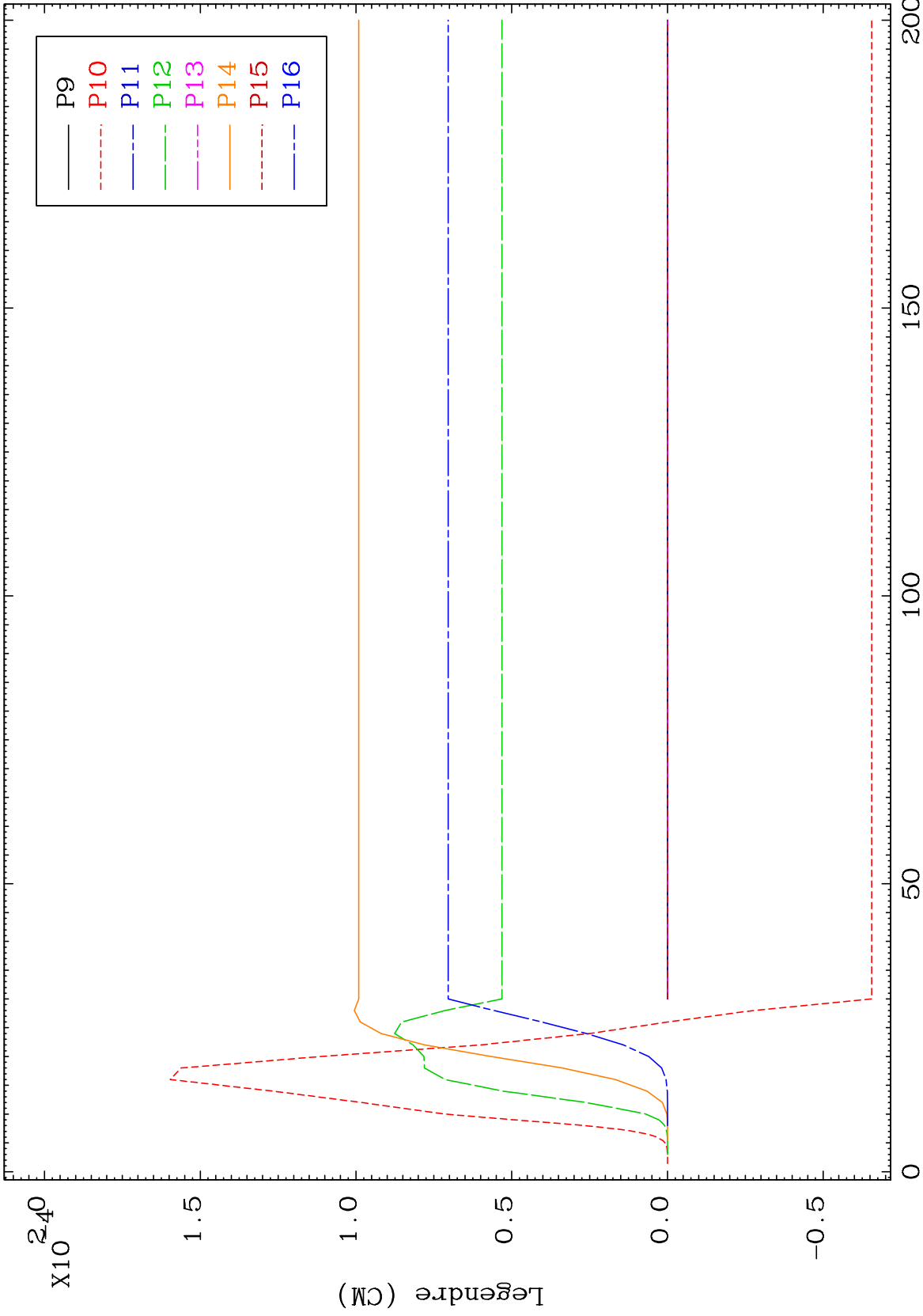


22 Incident Energy (MeV) 49-In-125

MAT 4961

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

49-In-125



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Incident Energy (MeV)

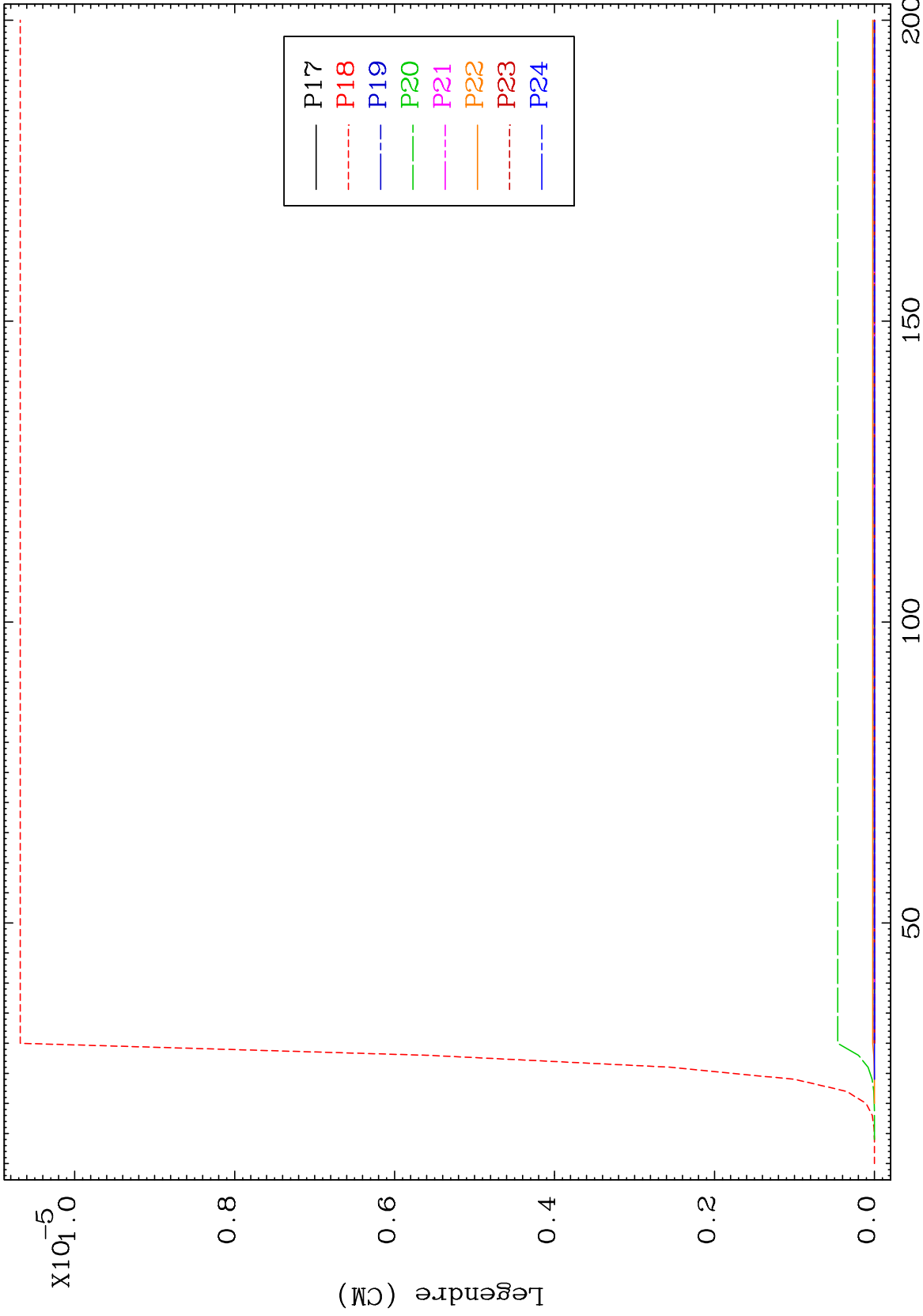
49-In-125



MAT 4961

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

49-In-125

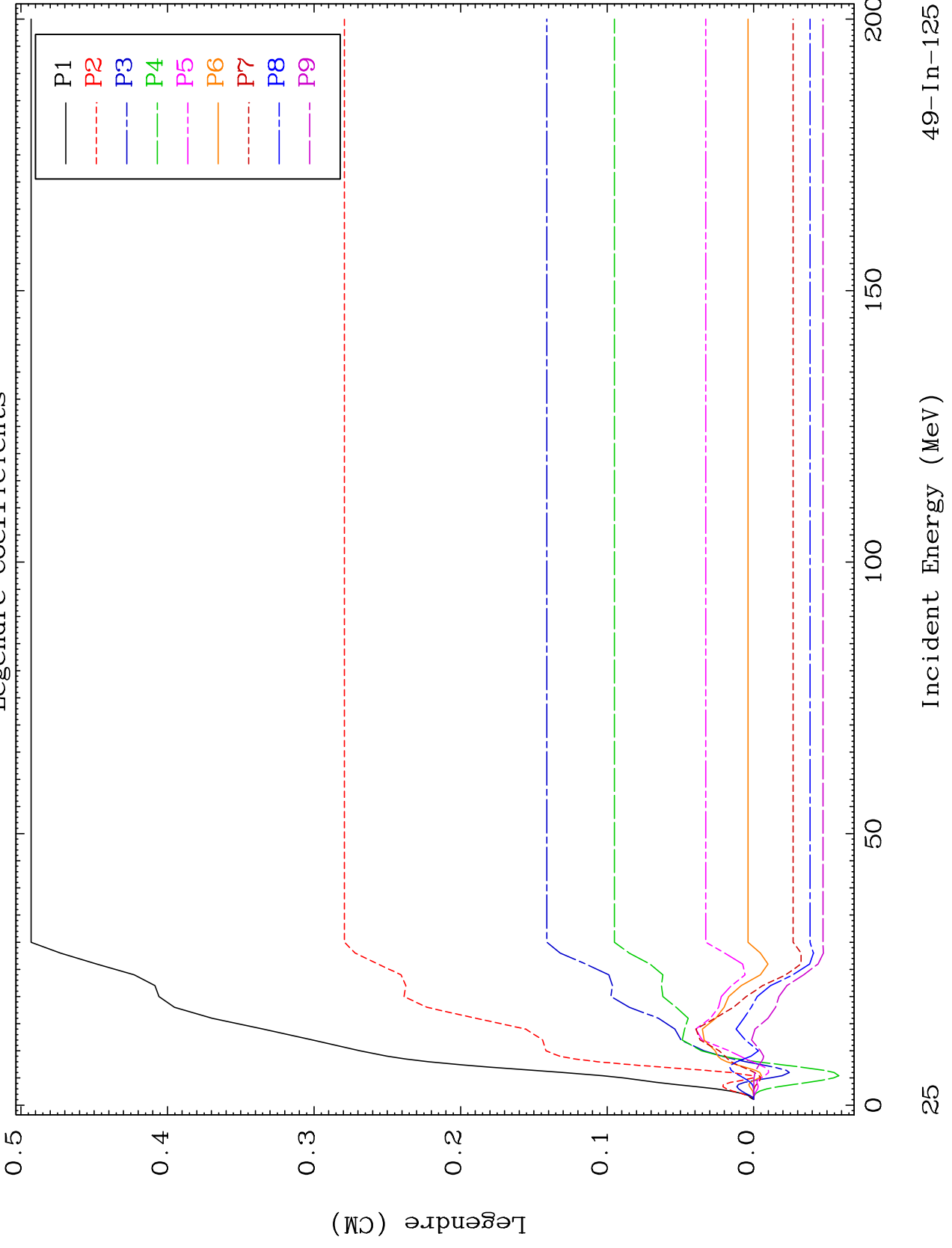


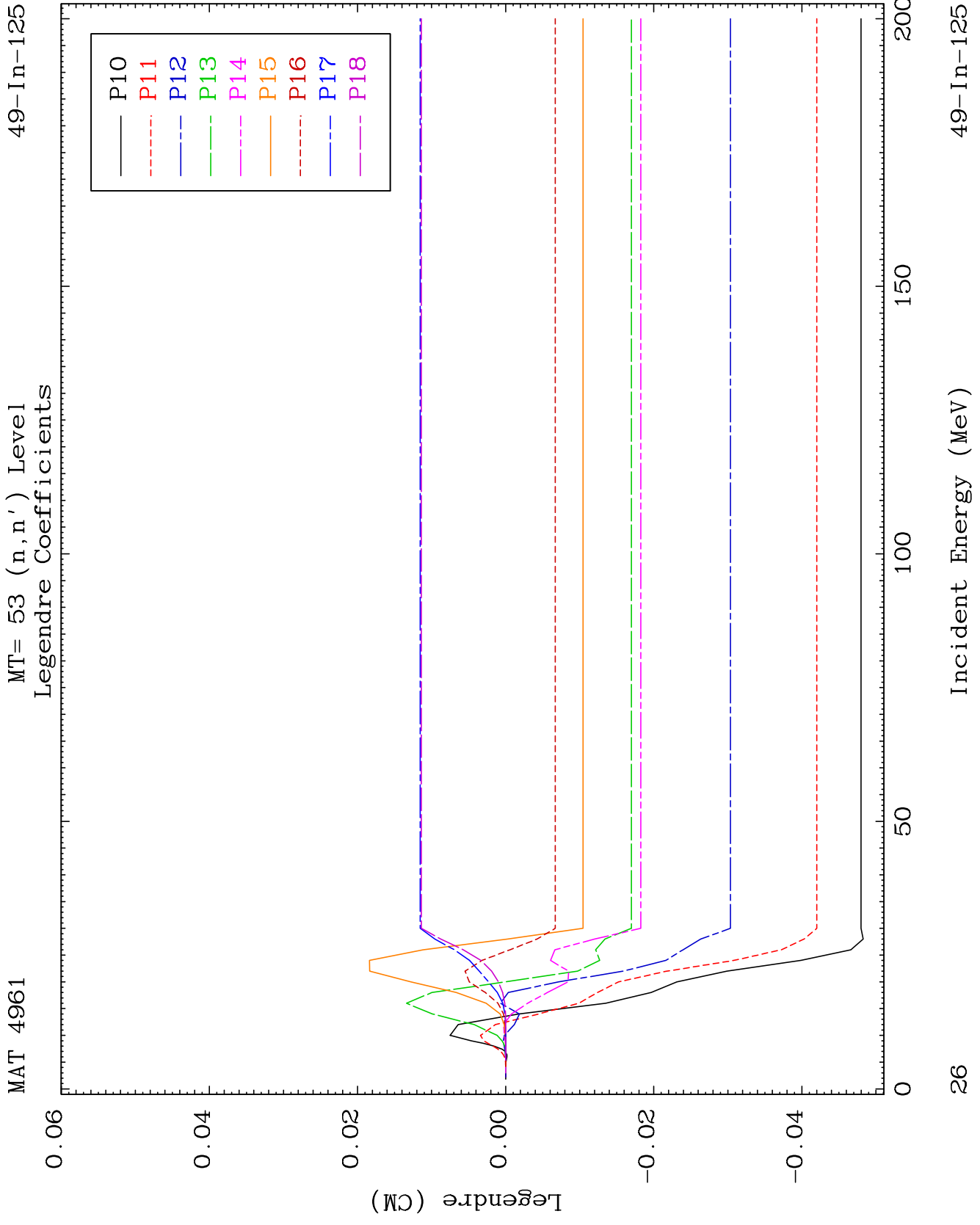
24

Incident Energy (MeV)

49-In-125

MAT 4961 MT= 53 (n,n') Level Legendre Coefficients 49-In-125

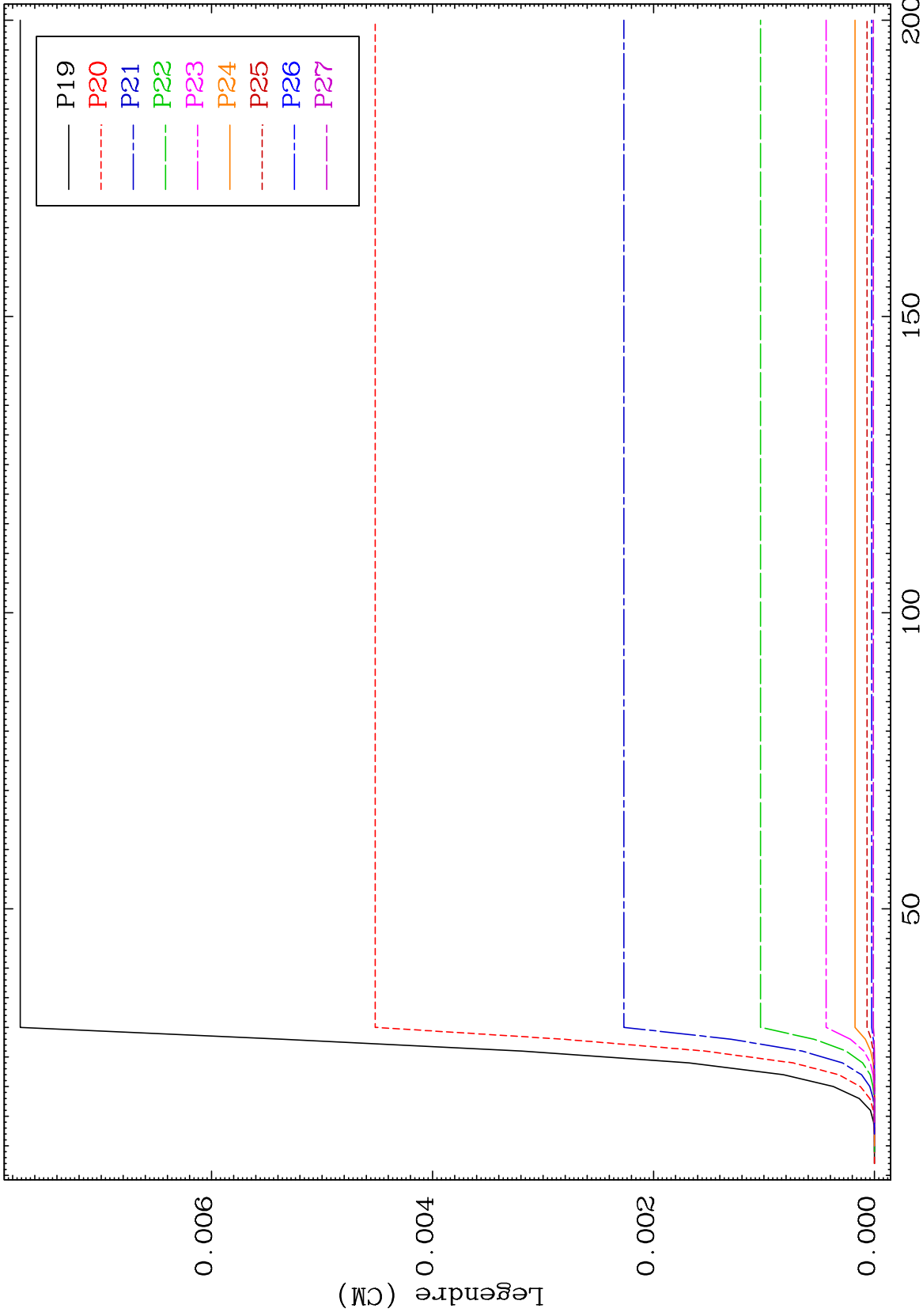




MAT 4961

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

49-In-125



27

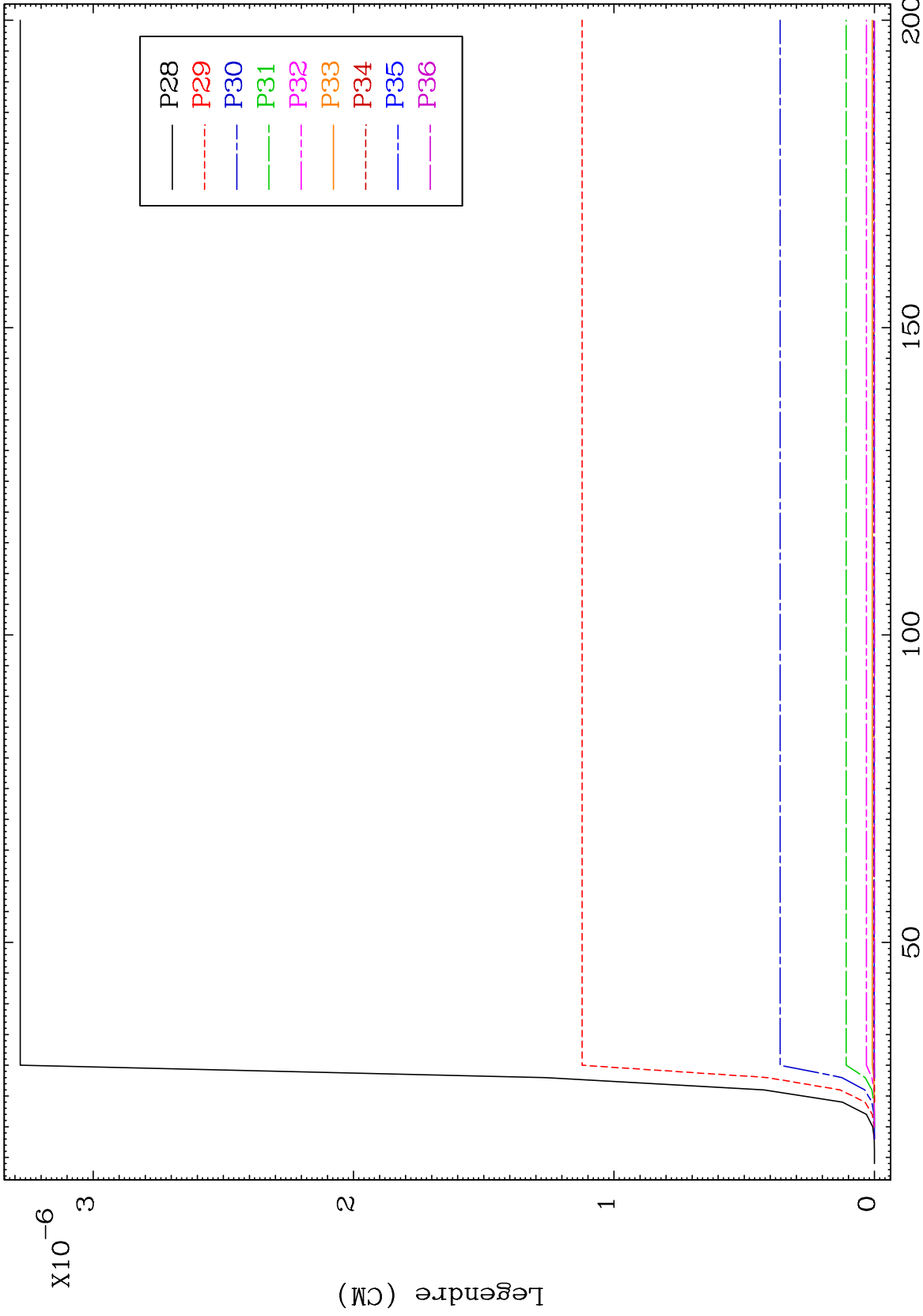
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125

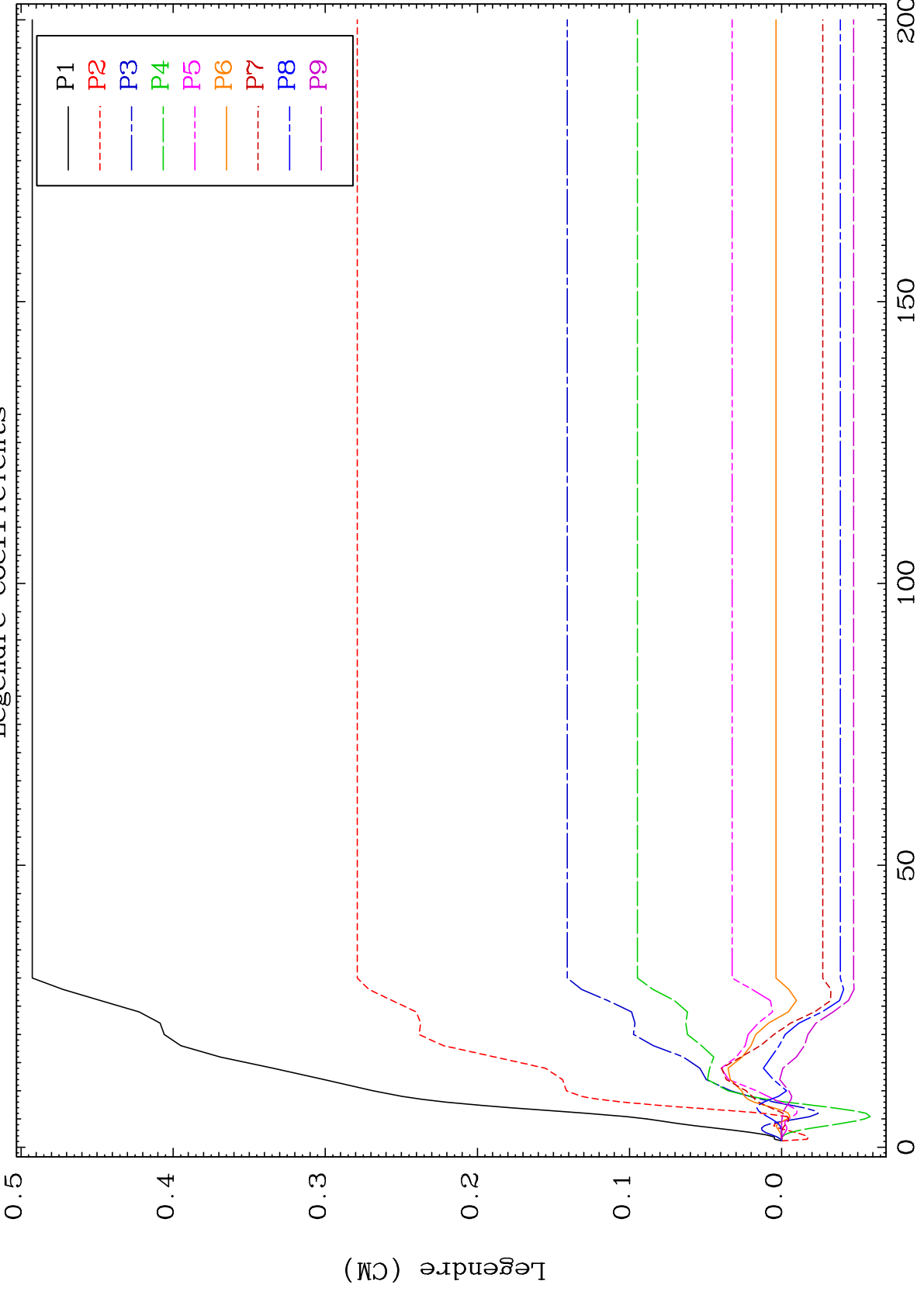


28

Incident Energy (MeV)

49-In-125

MAT 4961 MT= 54 (n,n') Level Legendre Coefficients 49-In-125

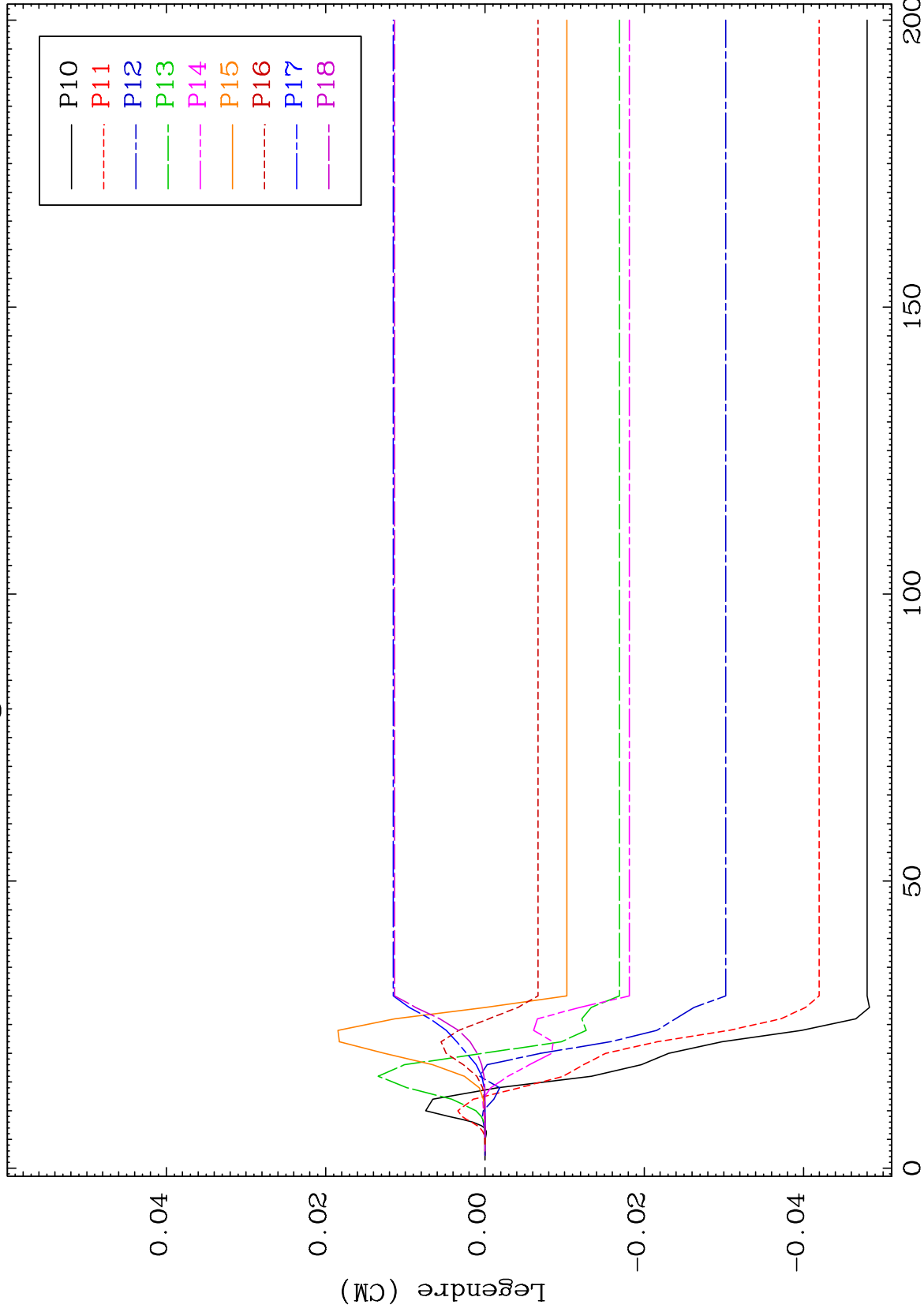


29 49-In-125

MAT 4961

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

49-In-125



30

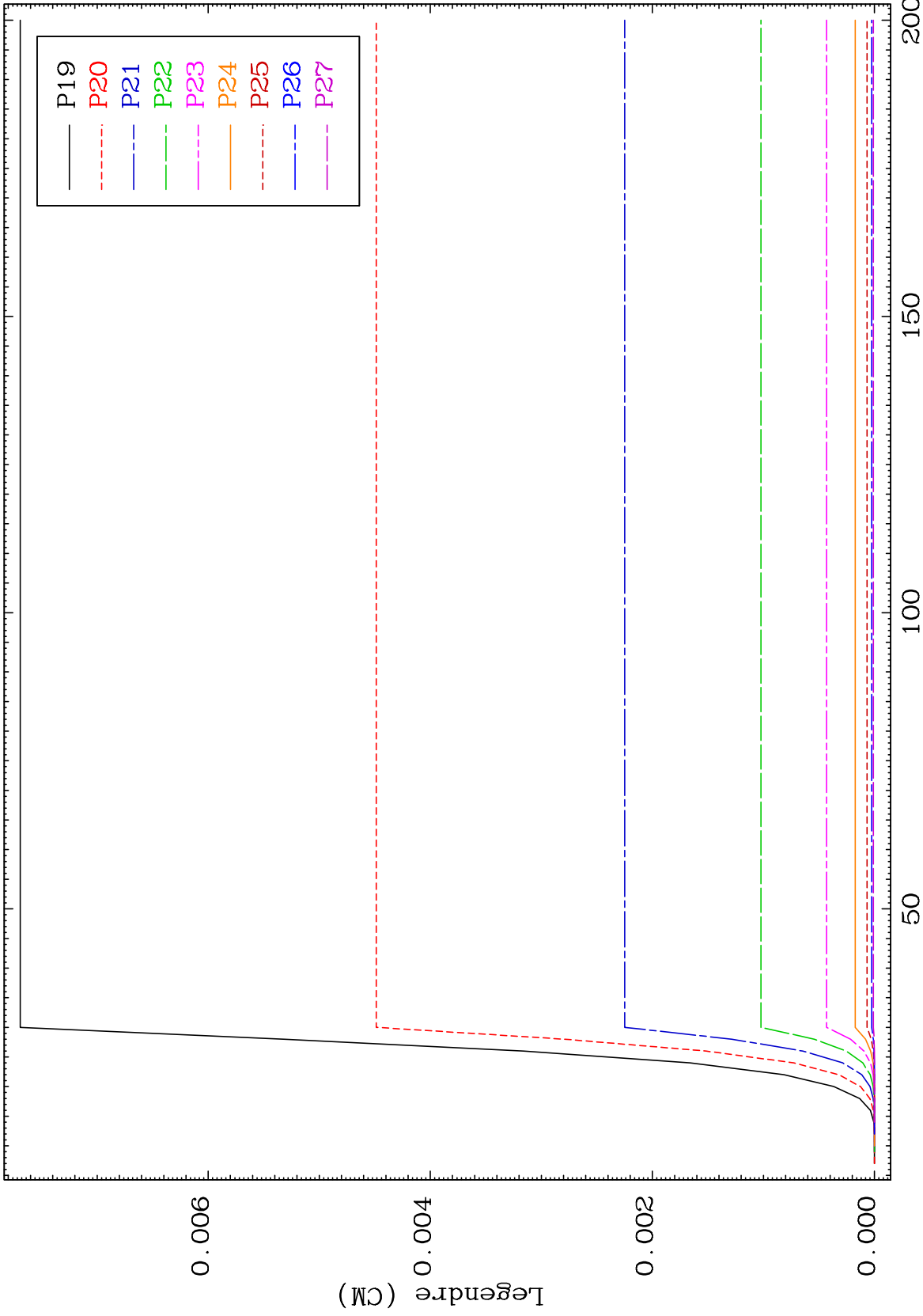
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



31

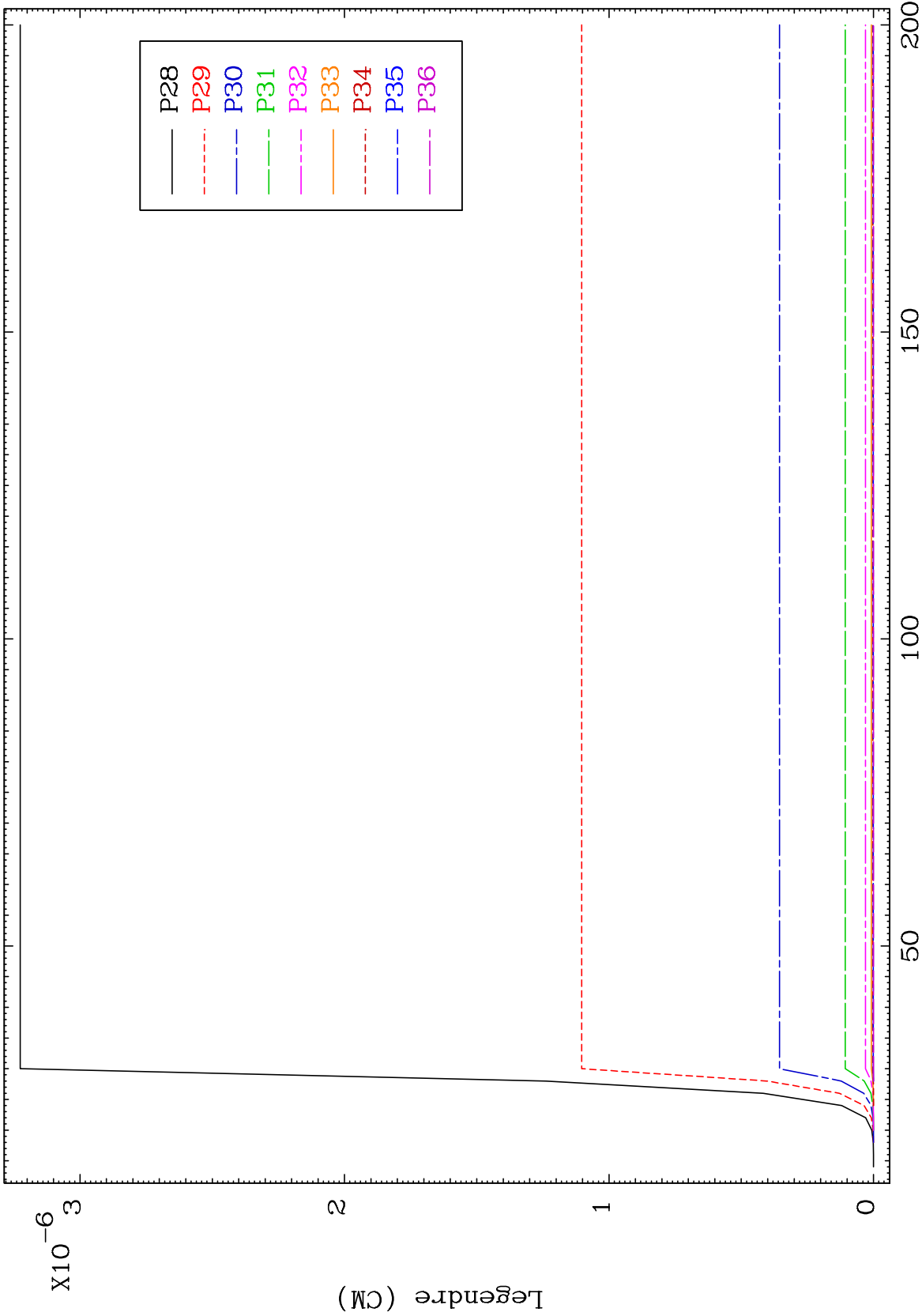
49-In-125



MAT 4961

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

49-In-125

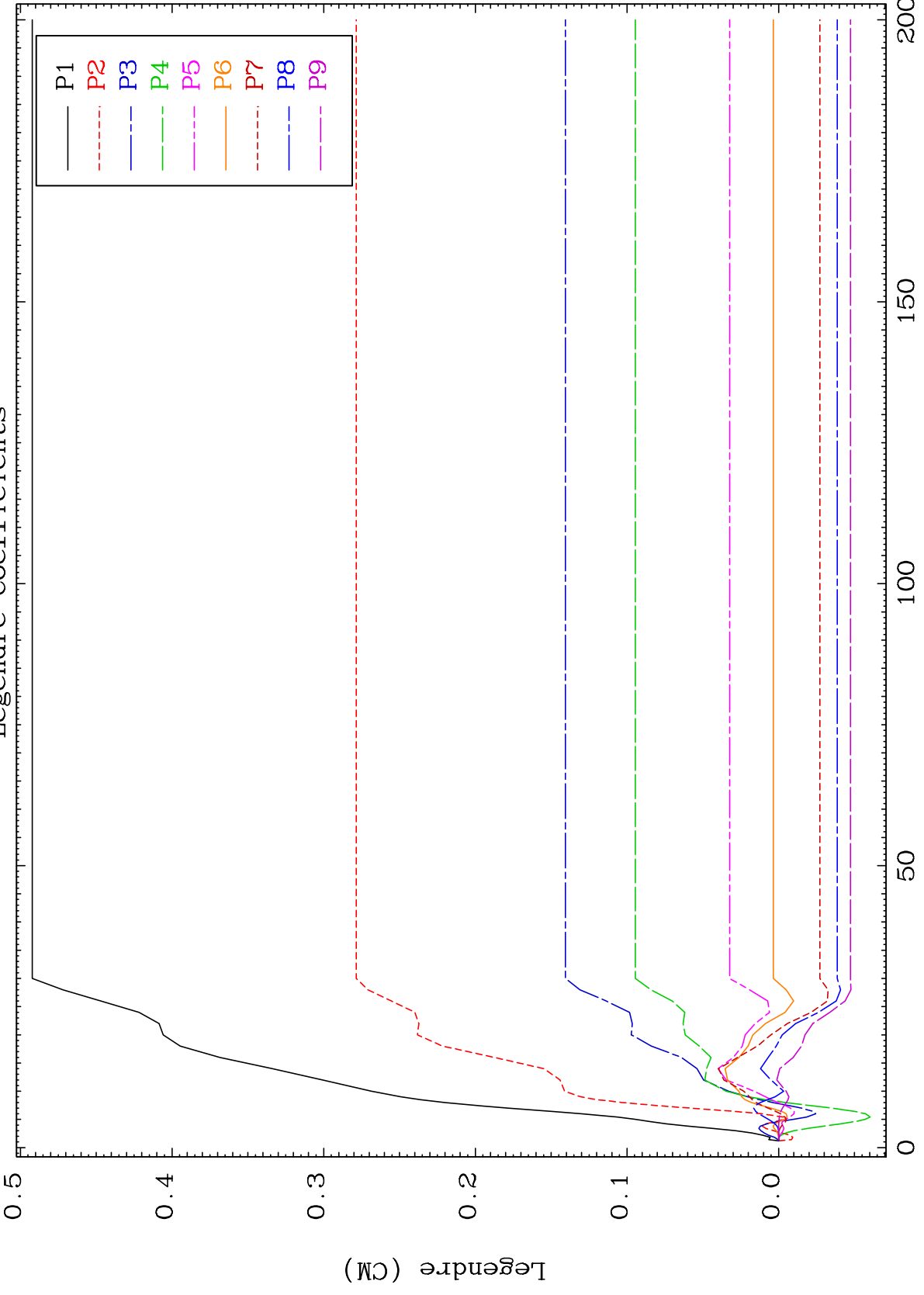


32

Incident Energy (MeV)

49-In-125

MAT 4961 MT= 55 (n,n') Level Legendre Coefficients 49-In-125

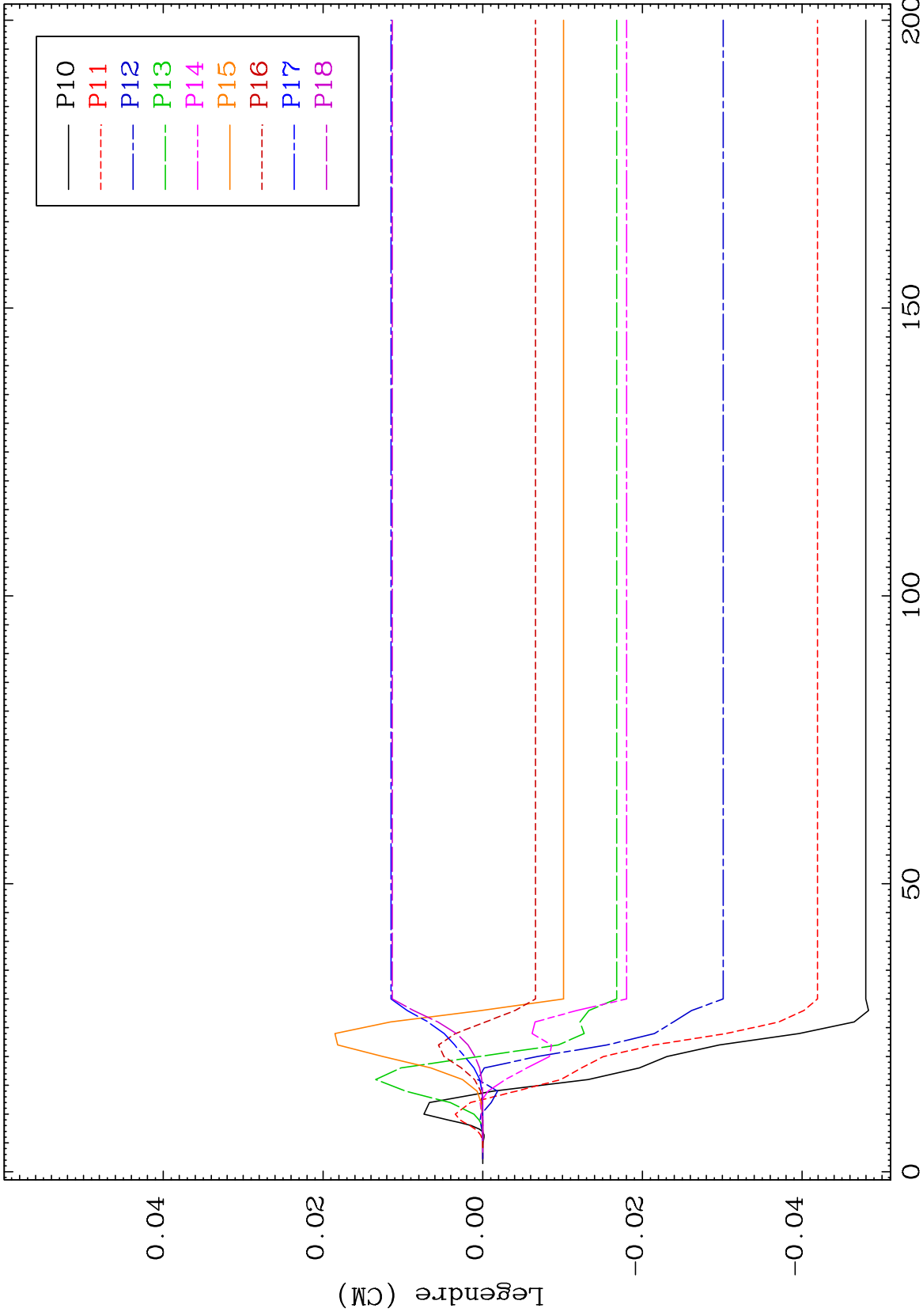


33 49-In-125

MAT 4961

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

49-In-125



34

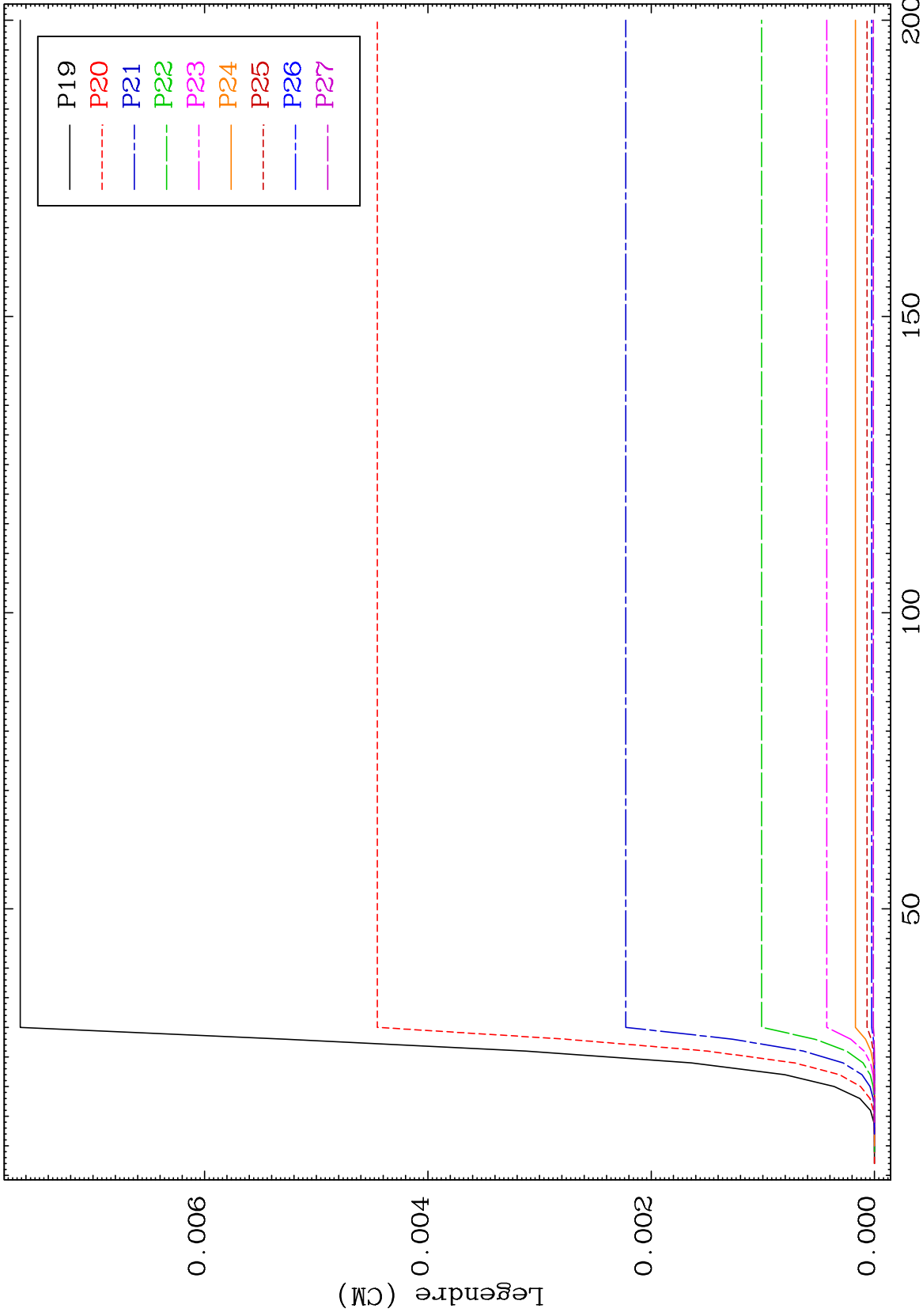
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



35

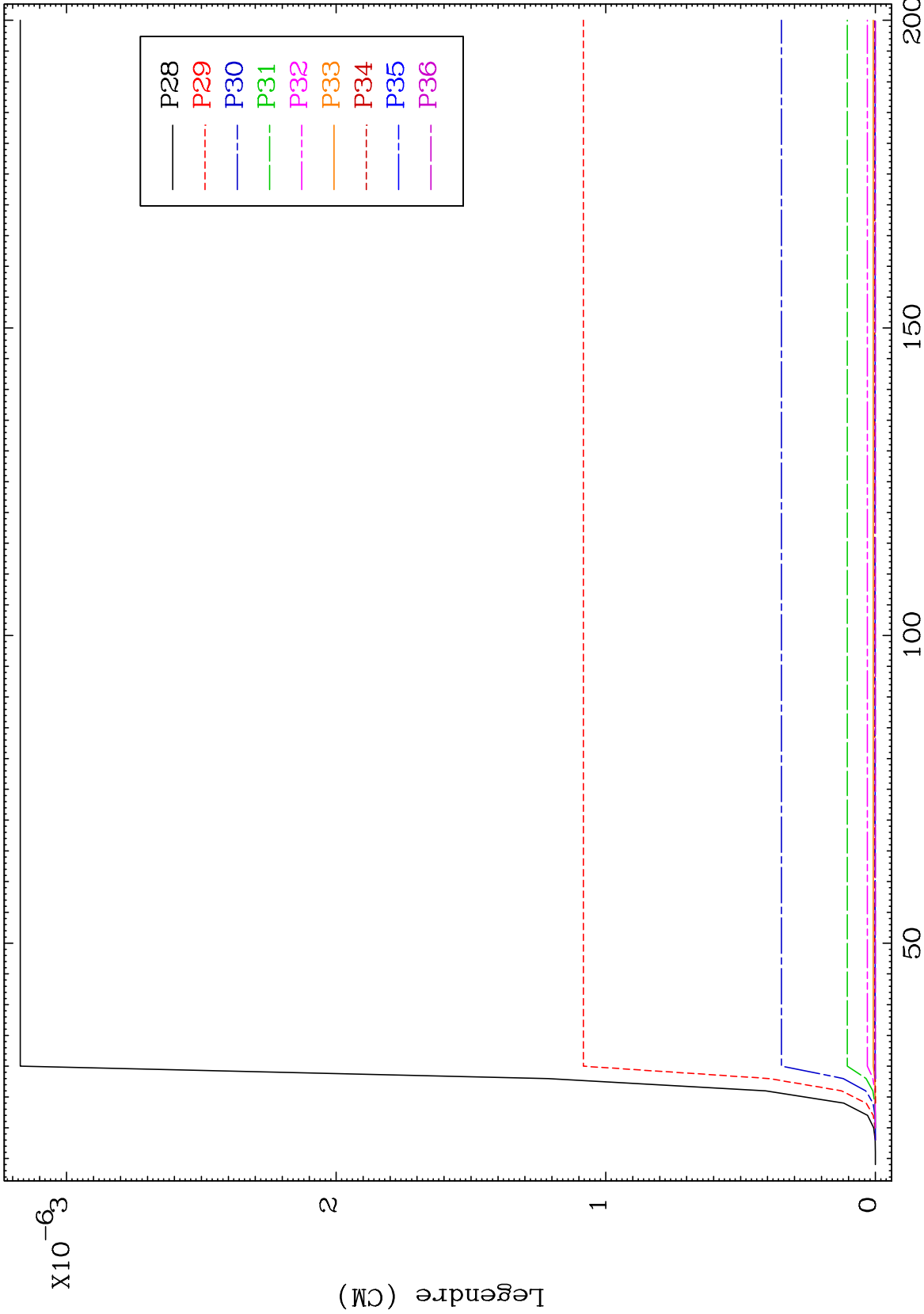
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



36

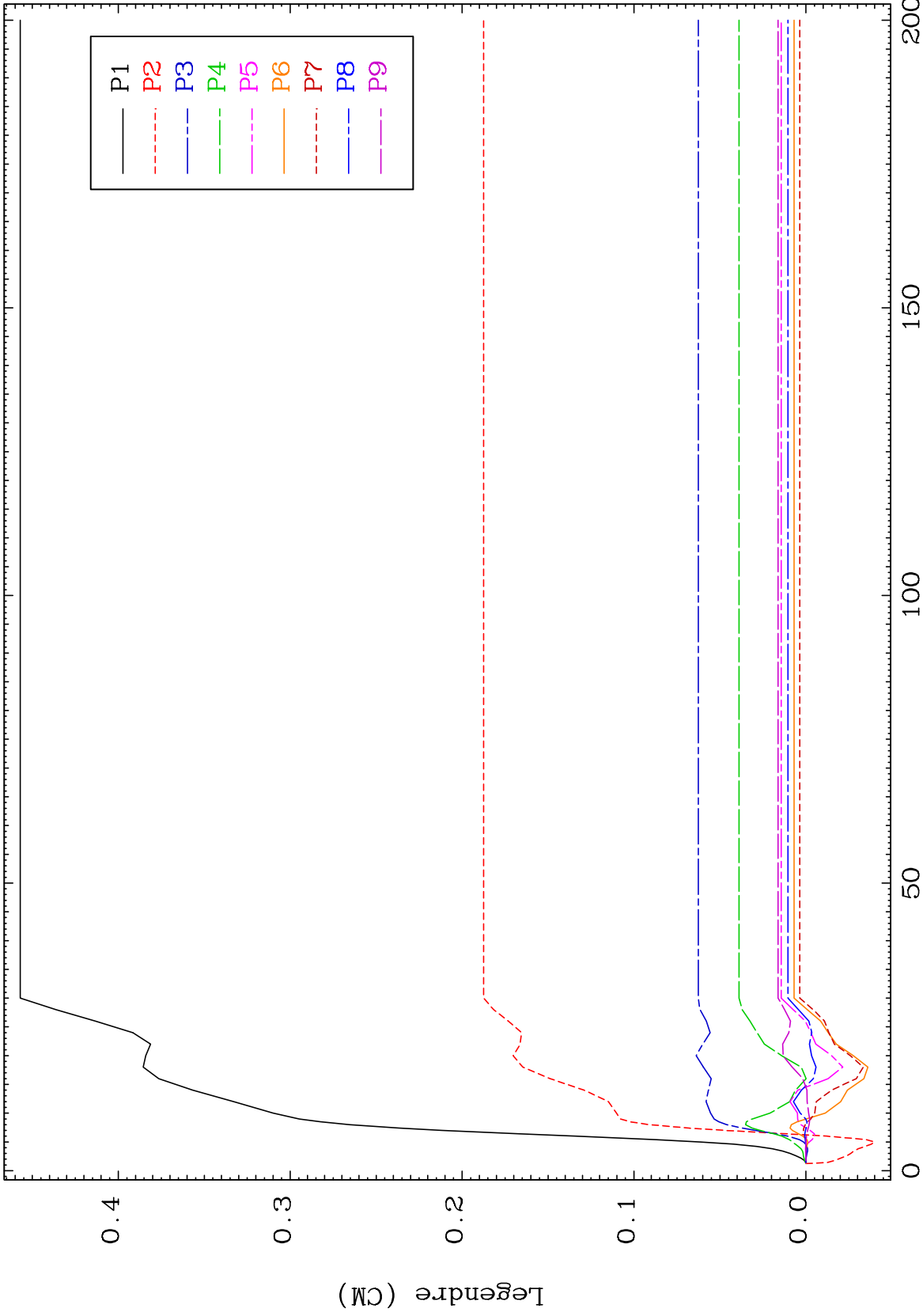
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



37

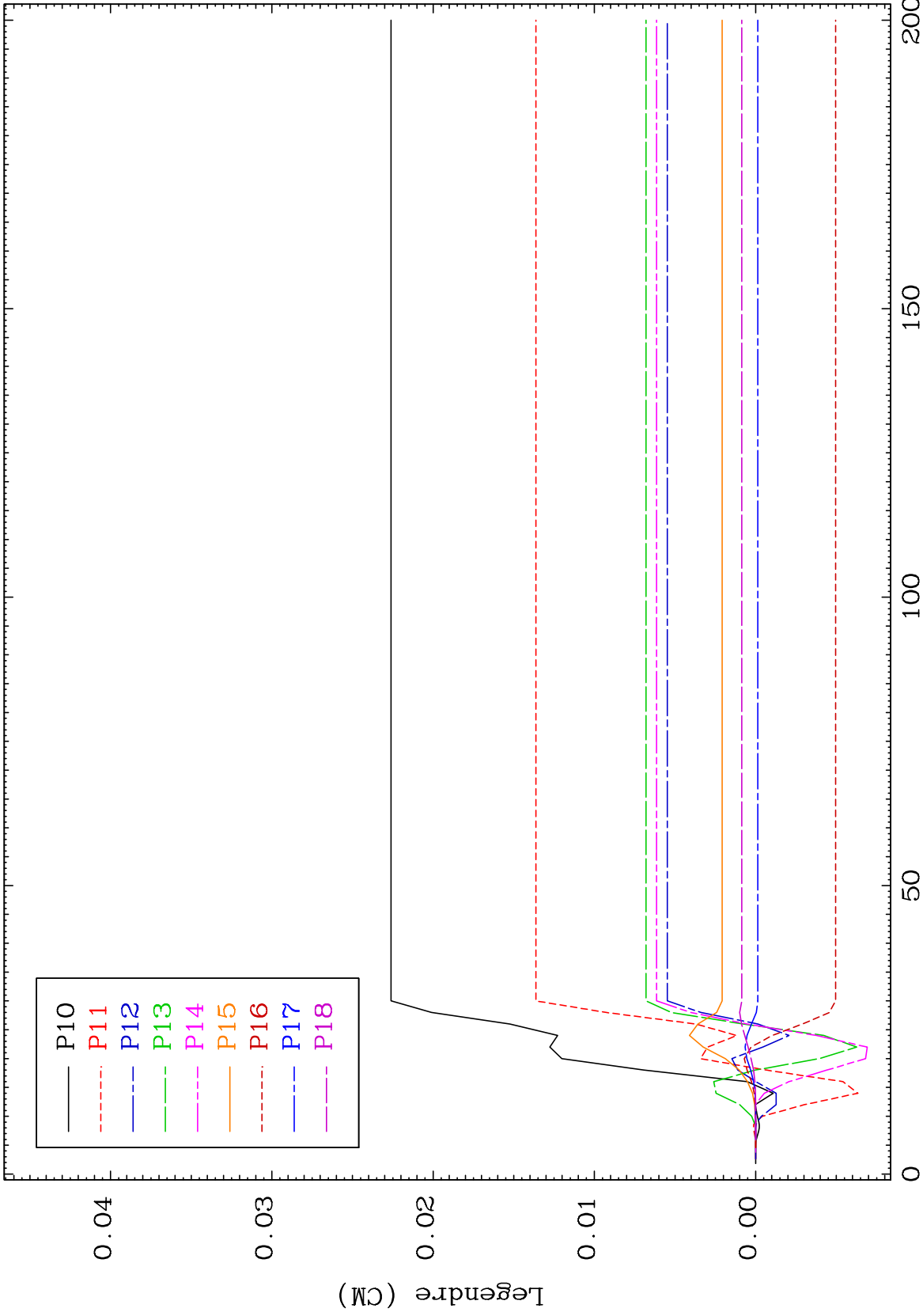
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



38

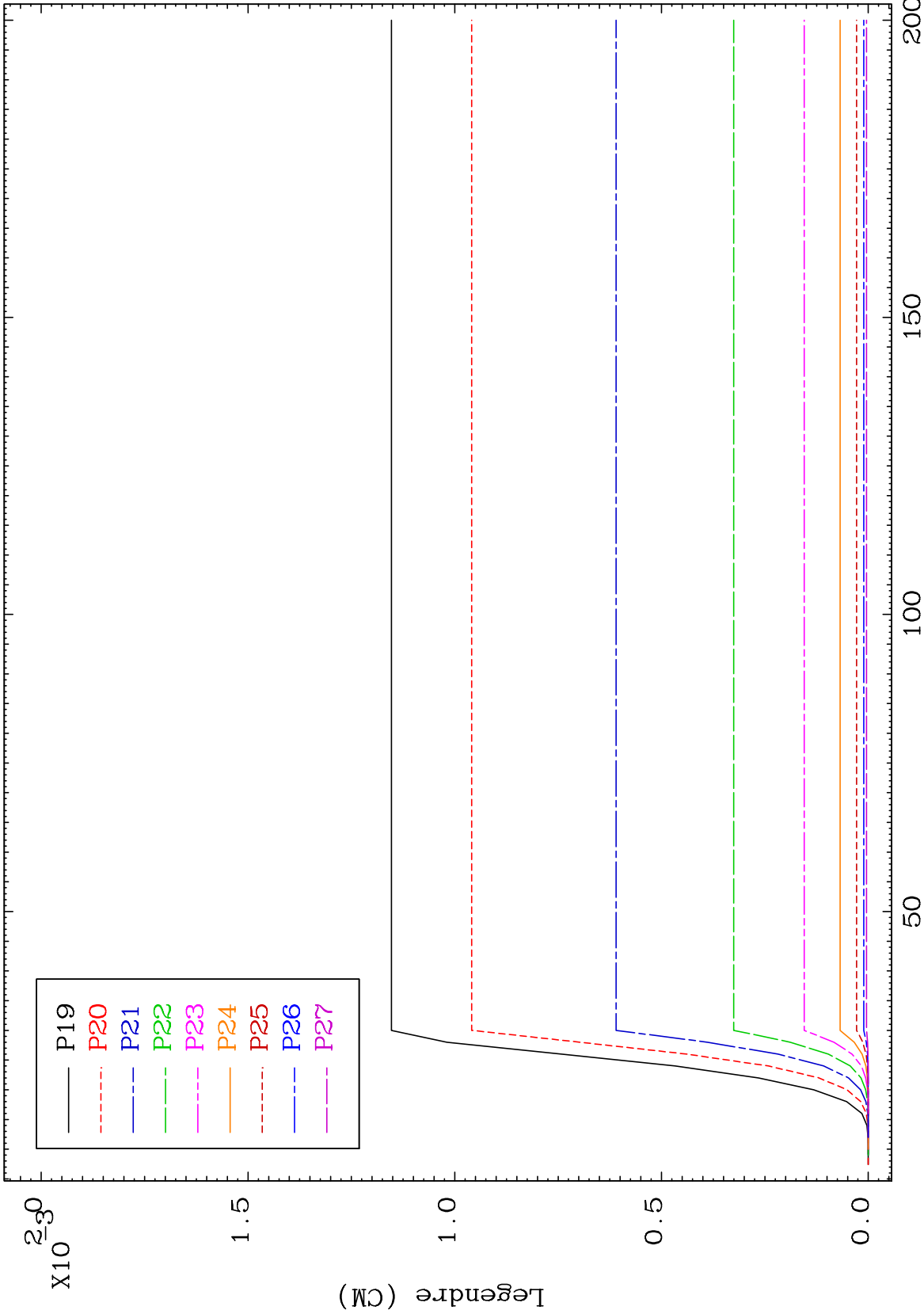
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



39

Incident Energy (MeV)

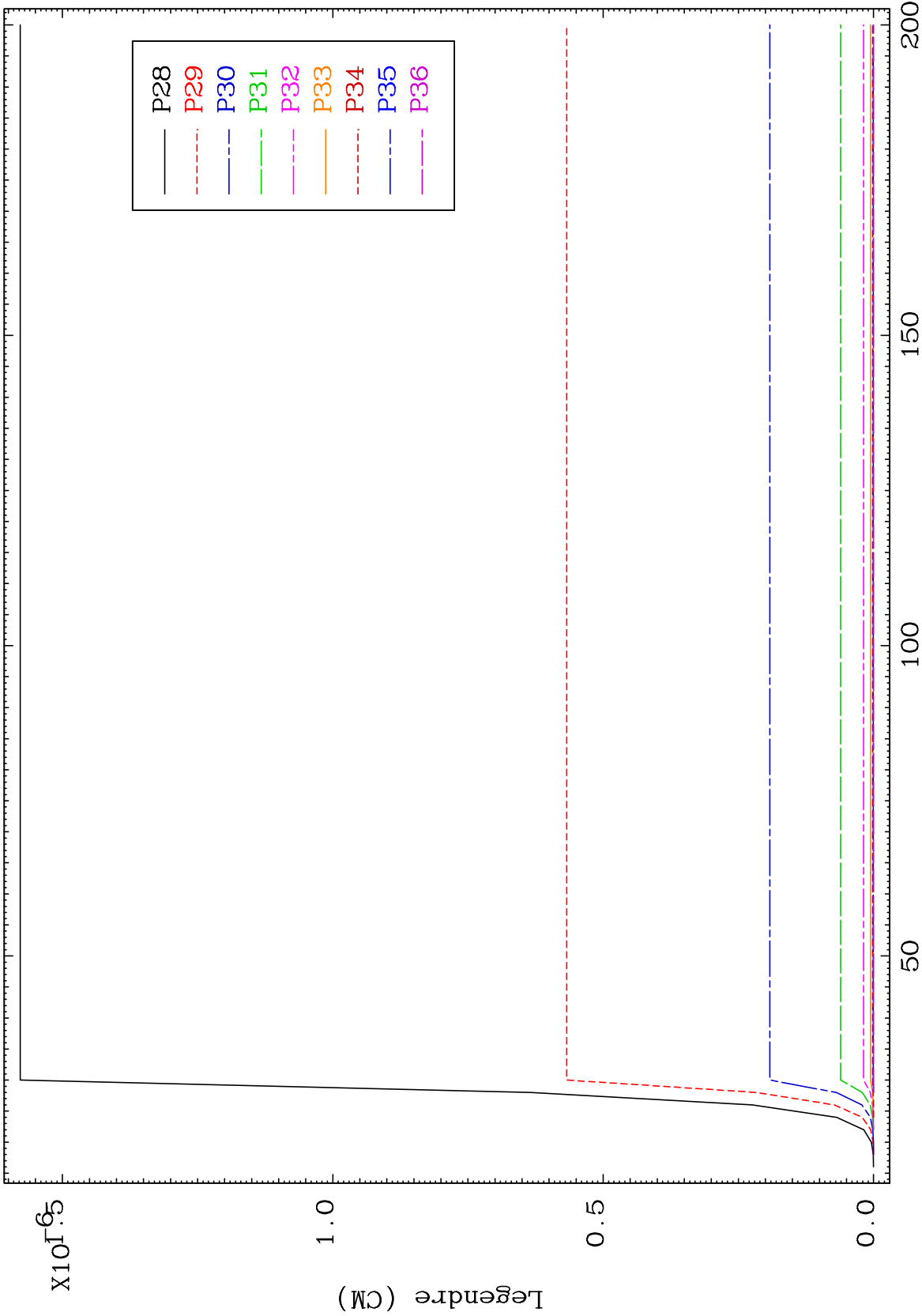
49-In-125



MAT 4961

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

49-In-125



40

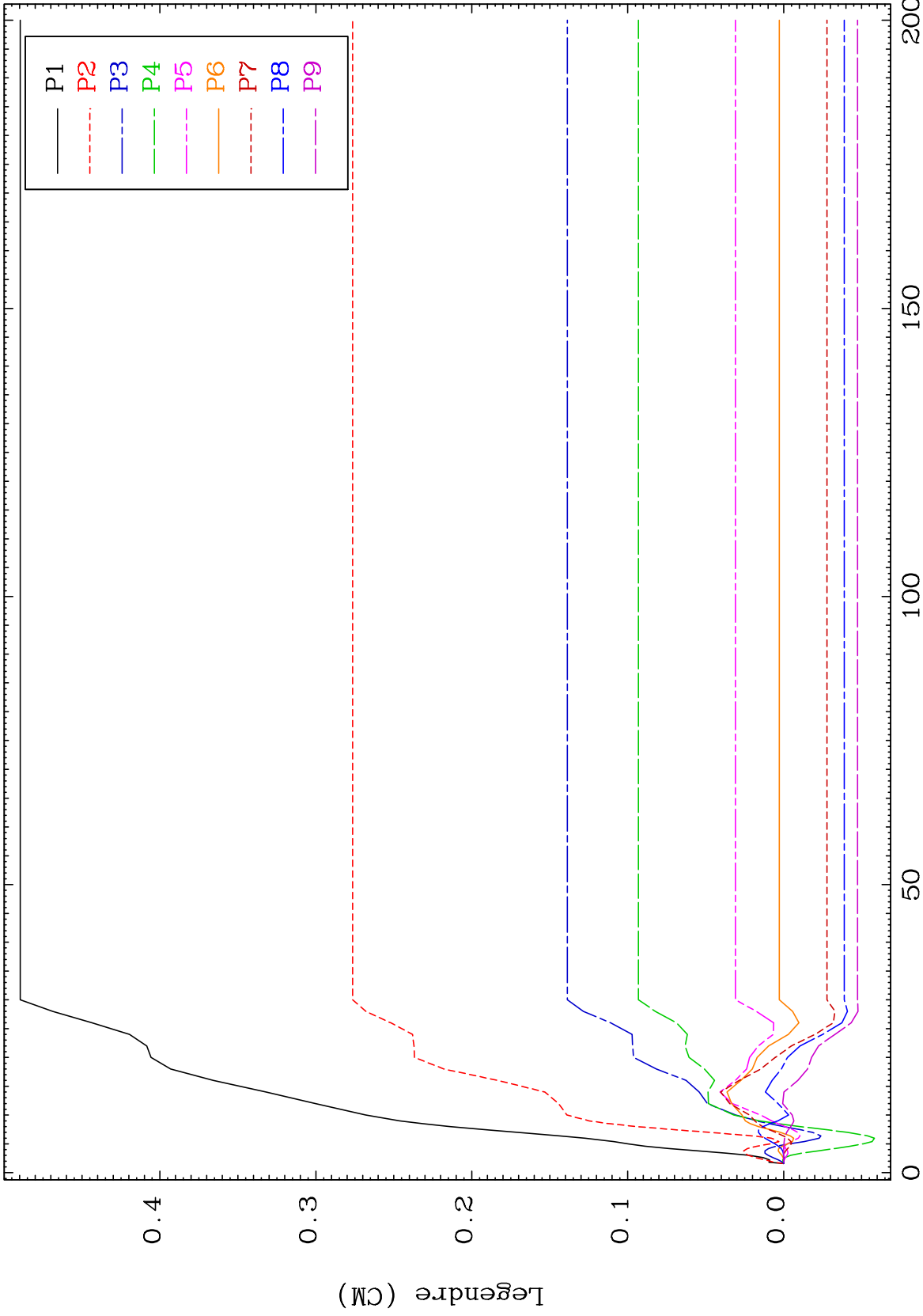
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



41

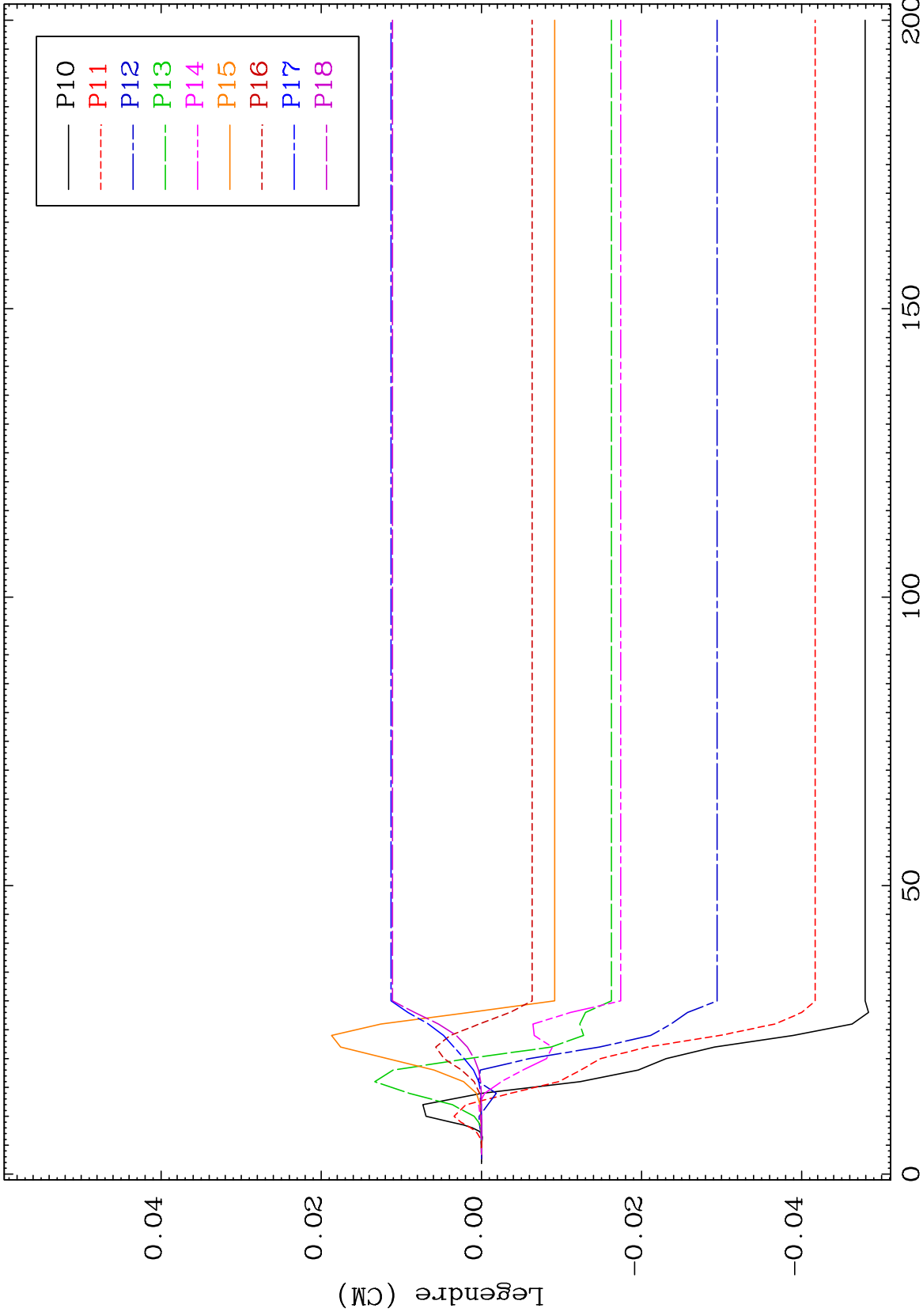
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



42

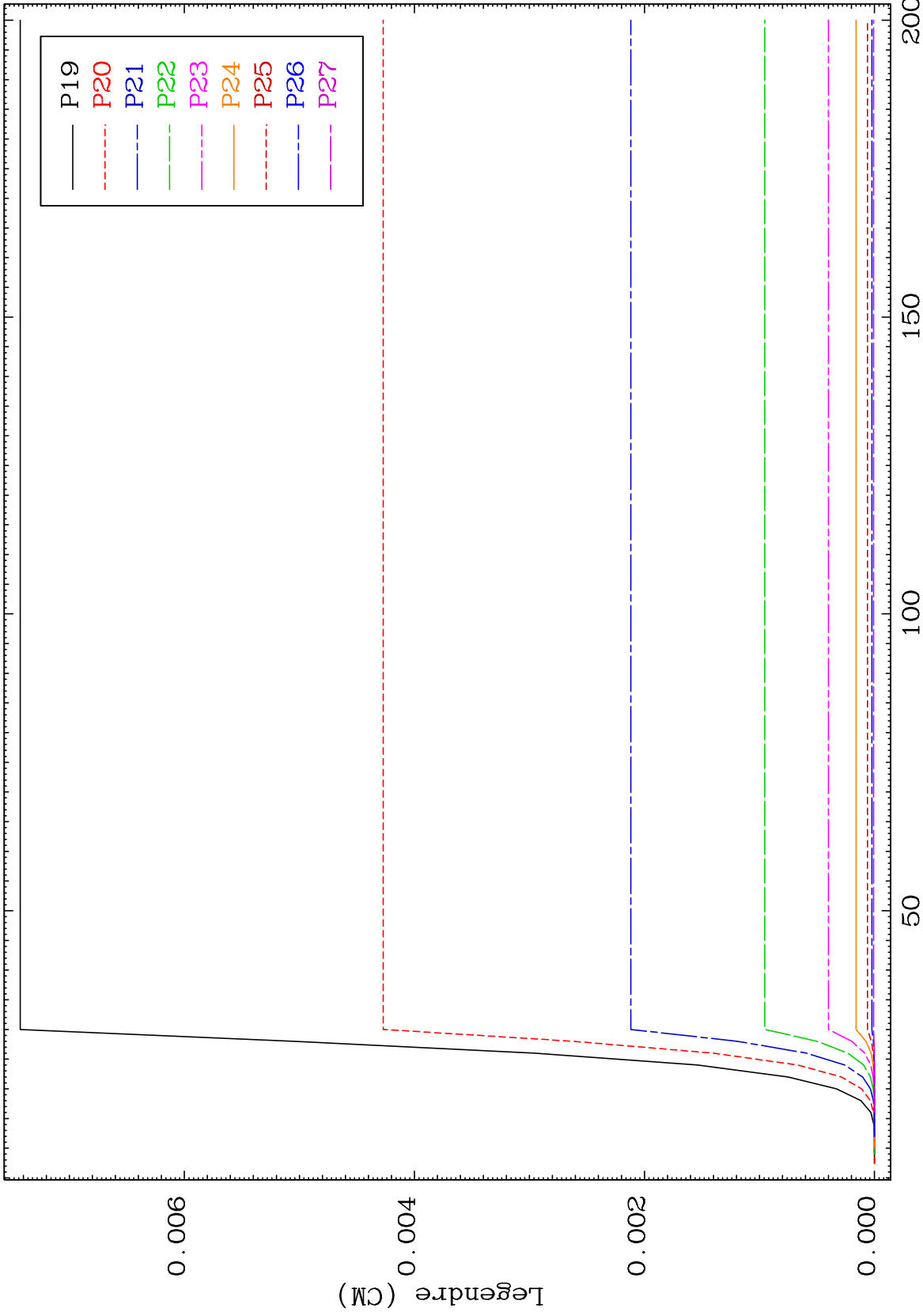
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



43

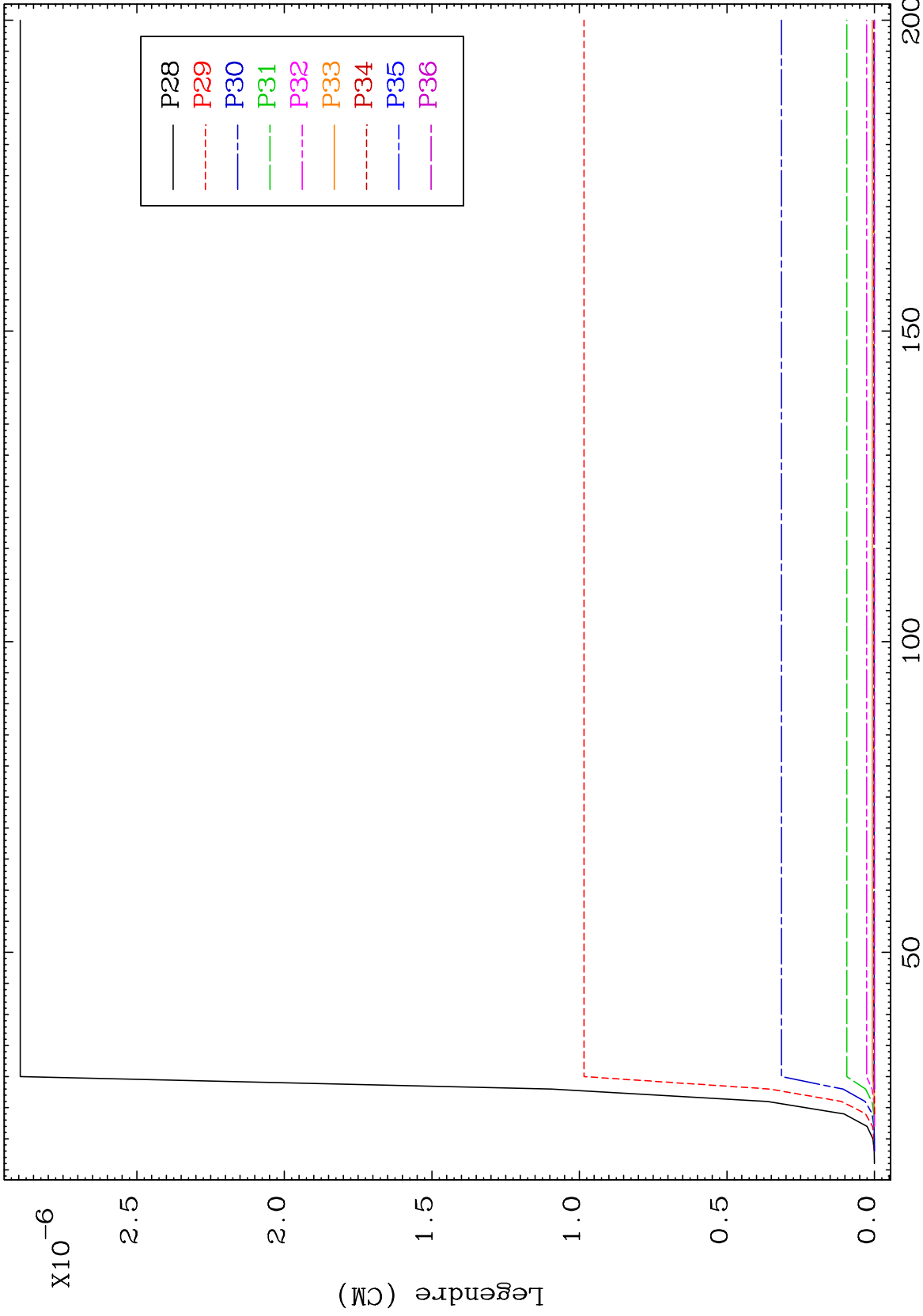
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



44

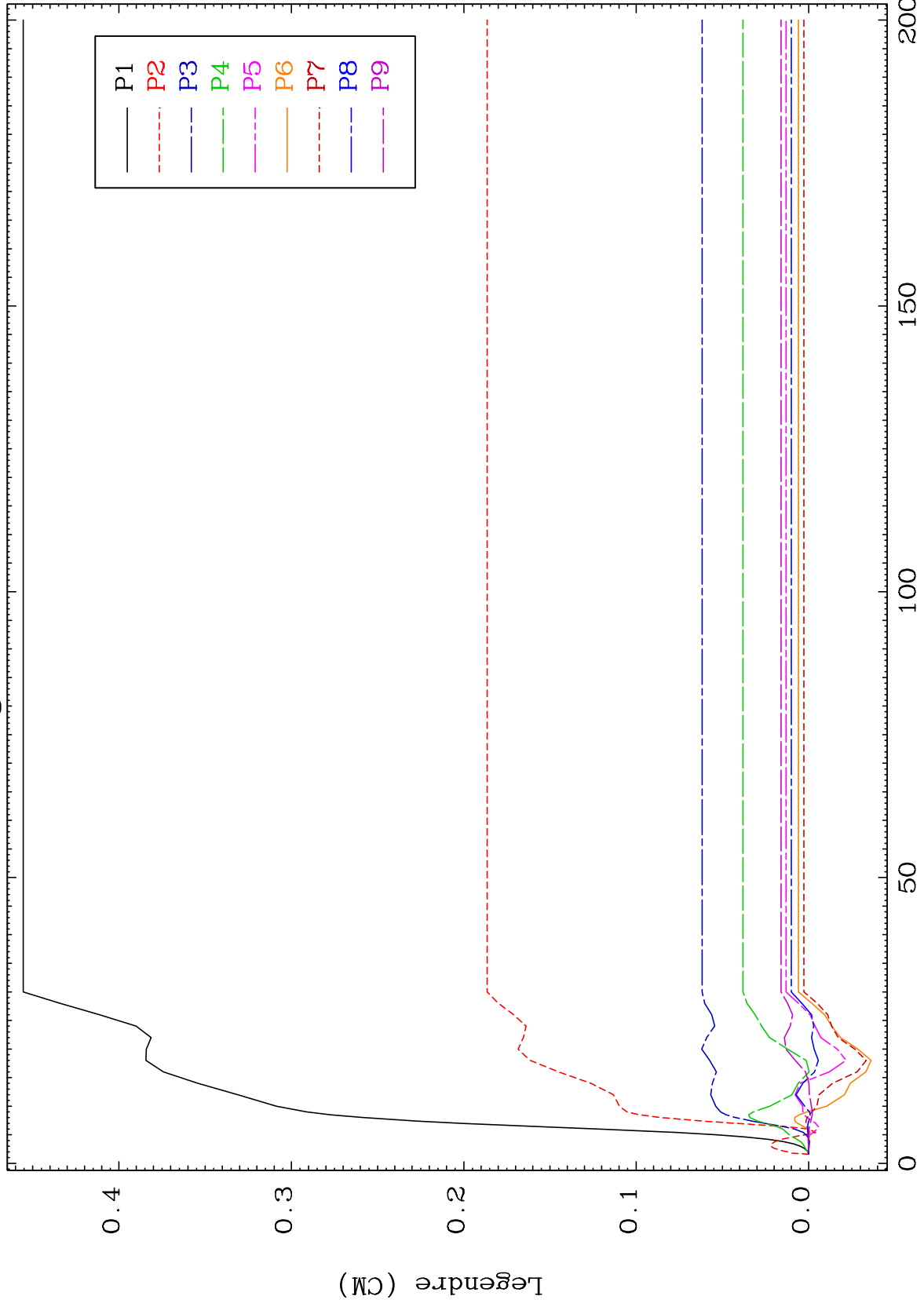
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



45

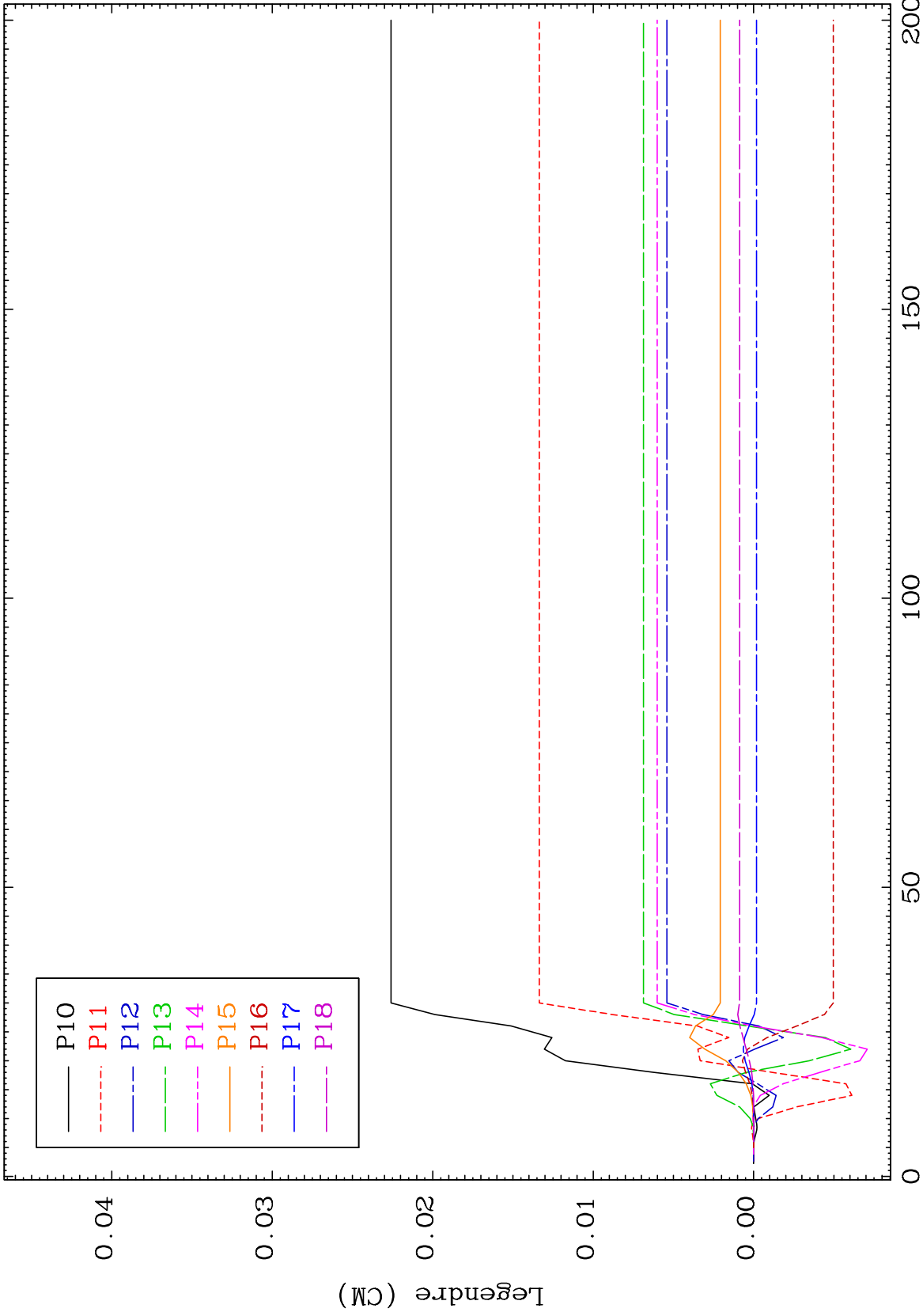
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



46

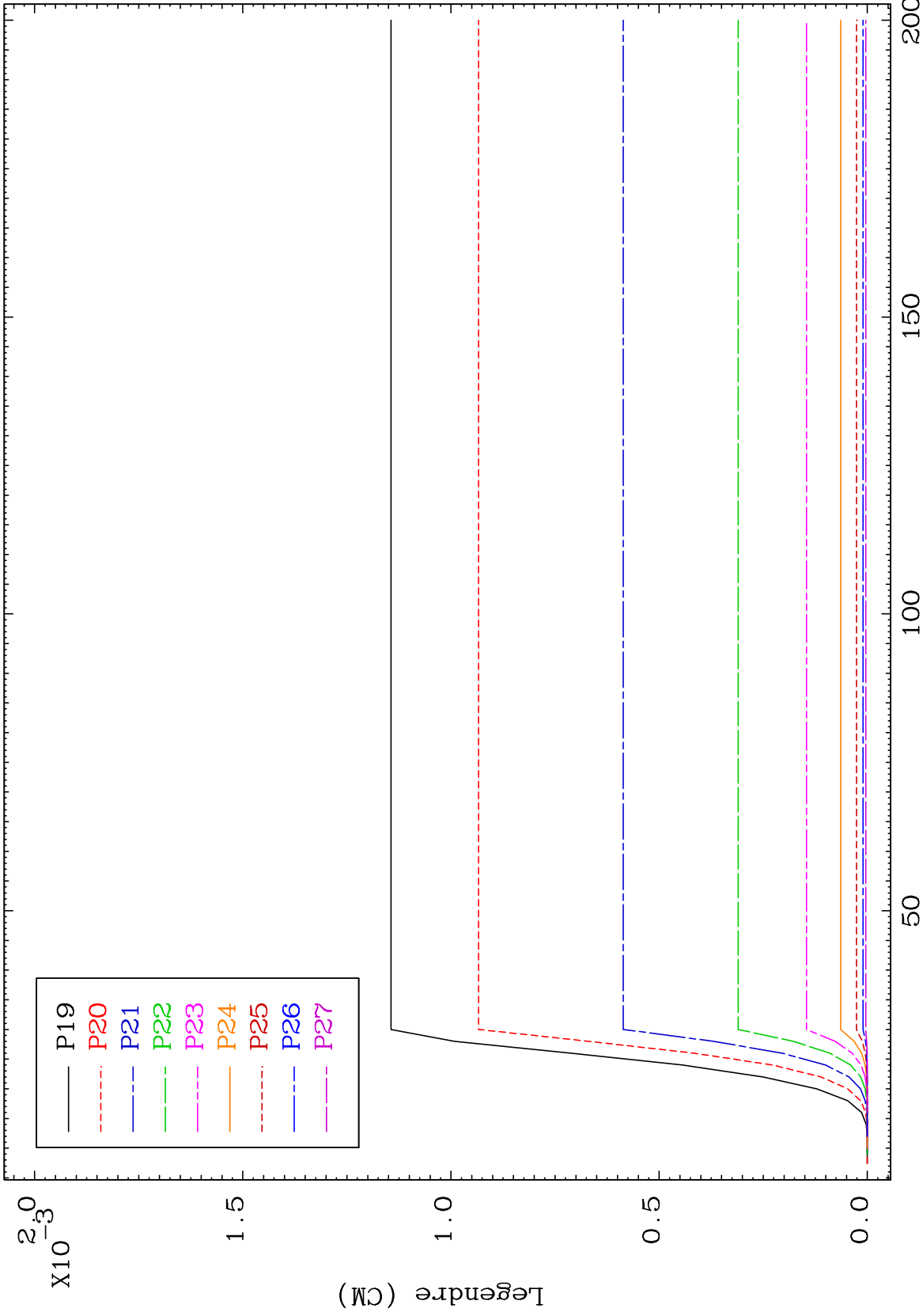
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



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Incident Energy (MeV)

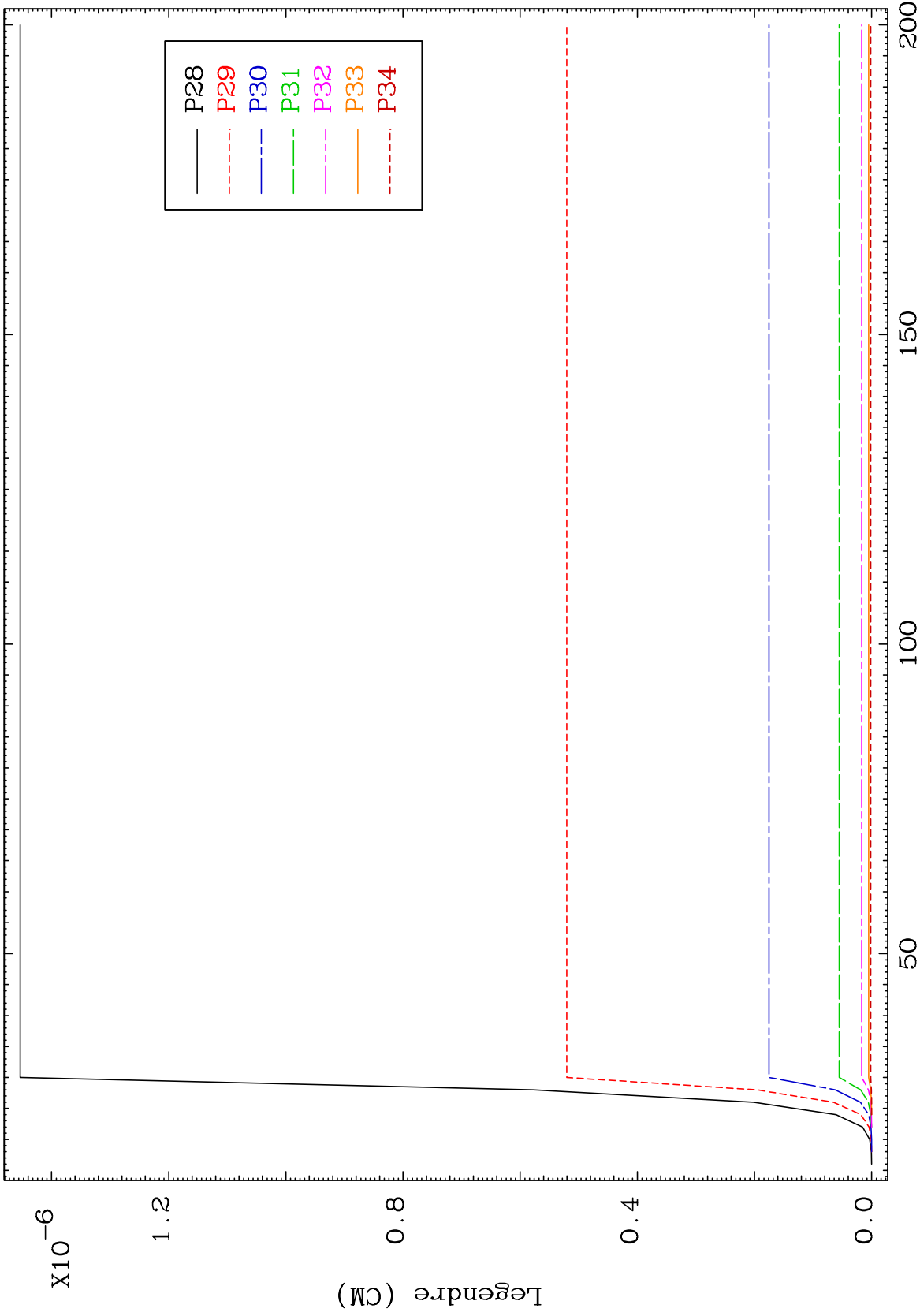
49-In-125



MAT 4961

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

49-In-125



48

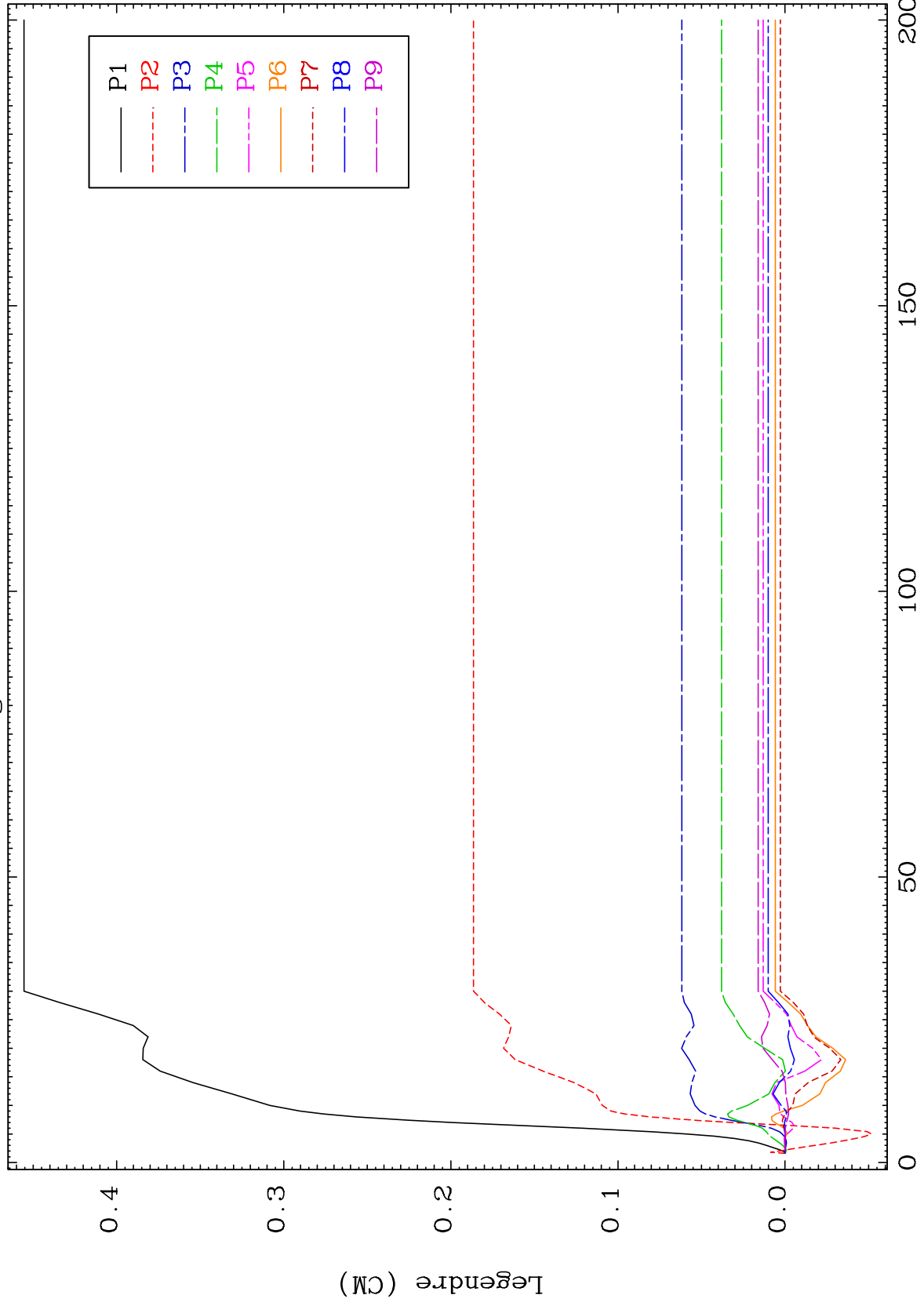
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



49

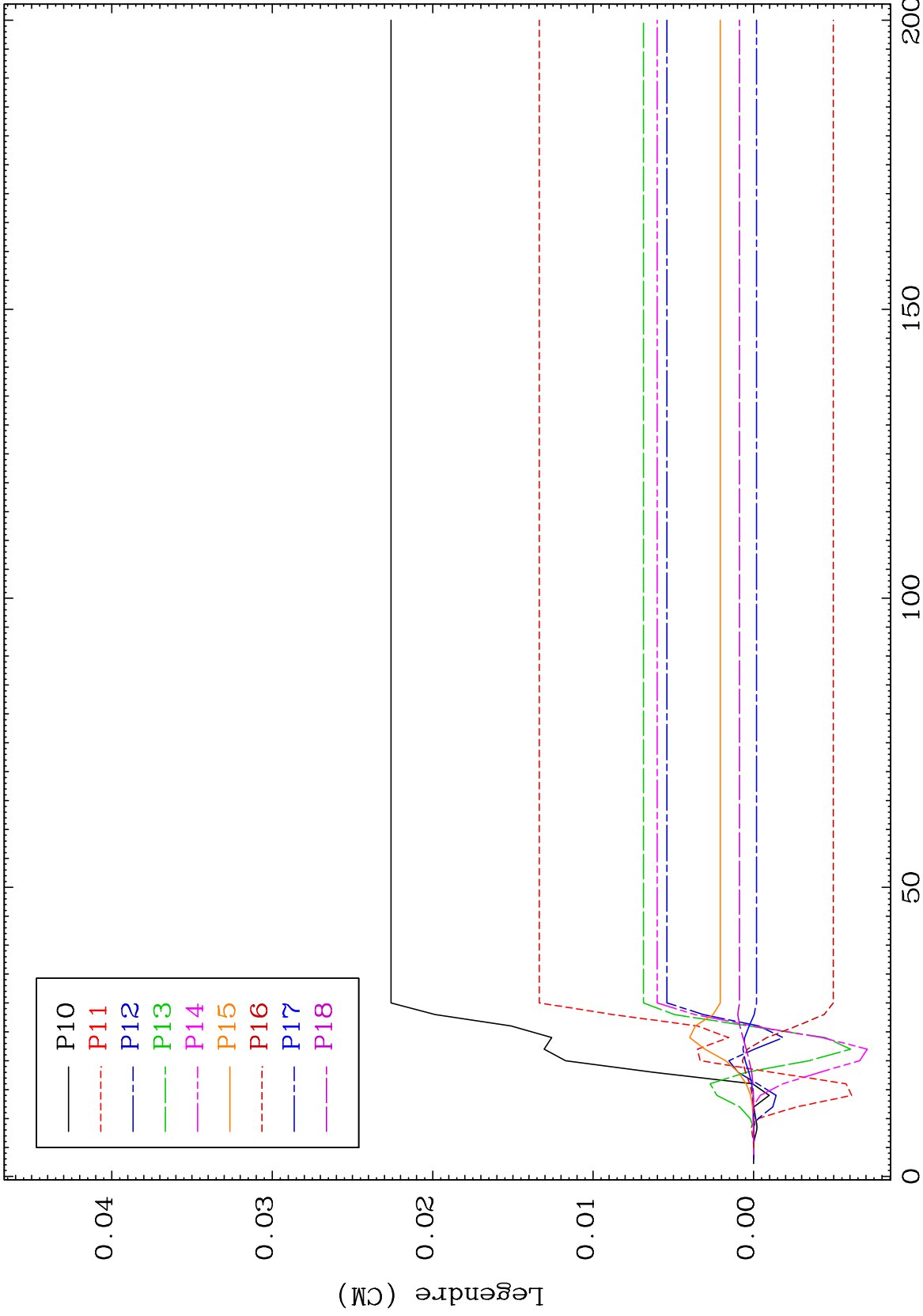
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



50

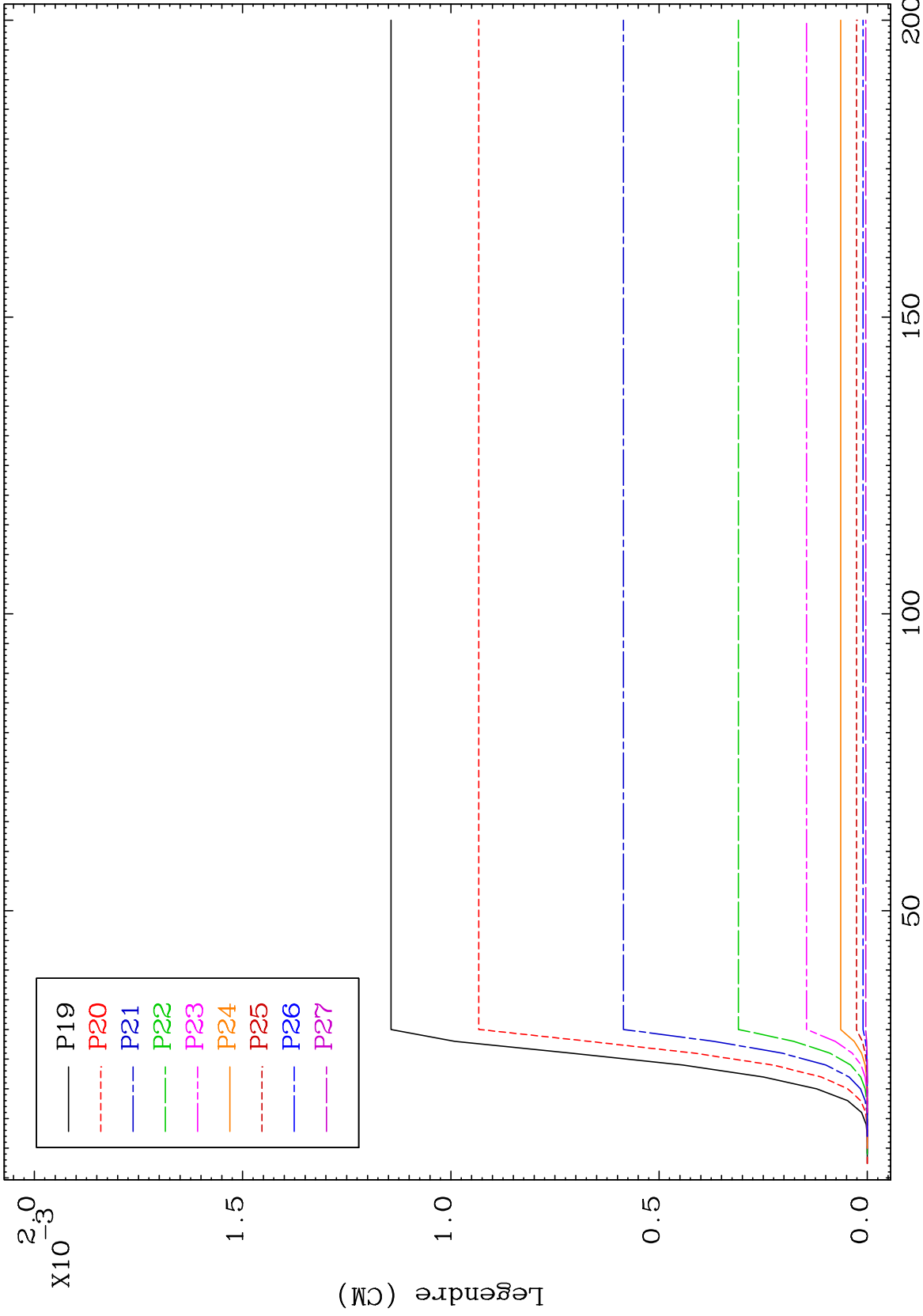
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



51

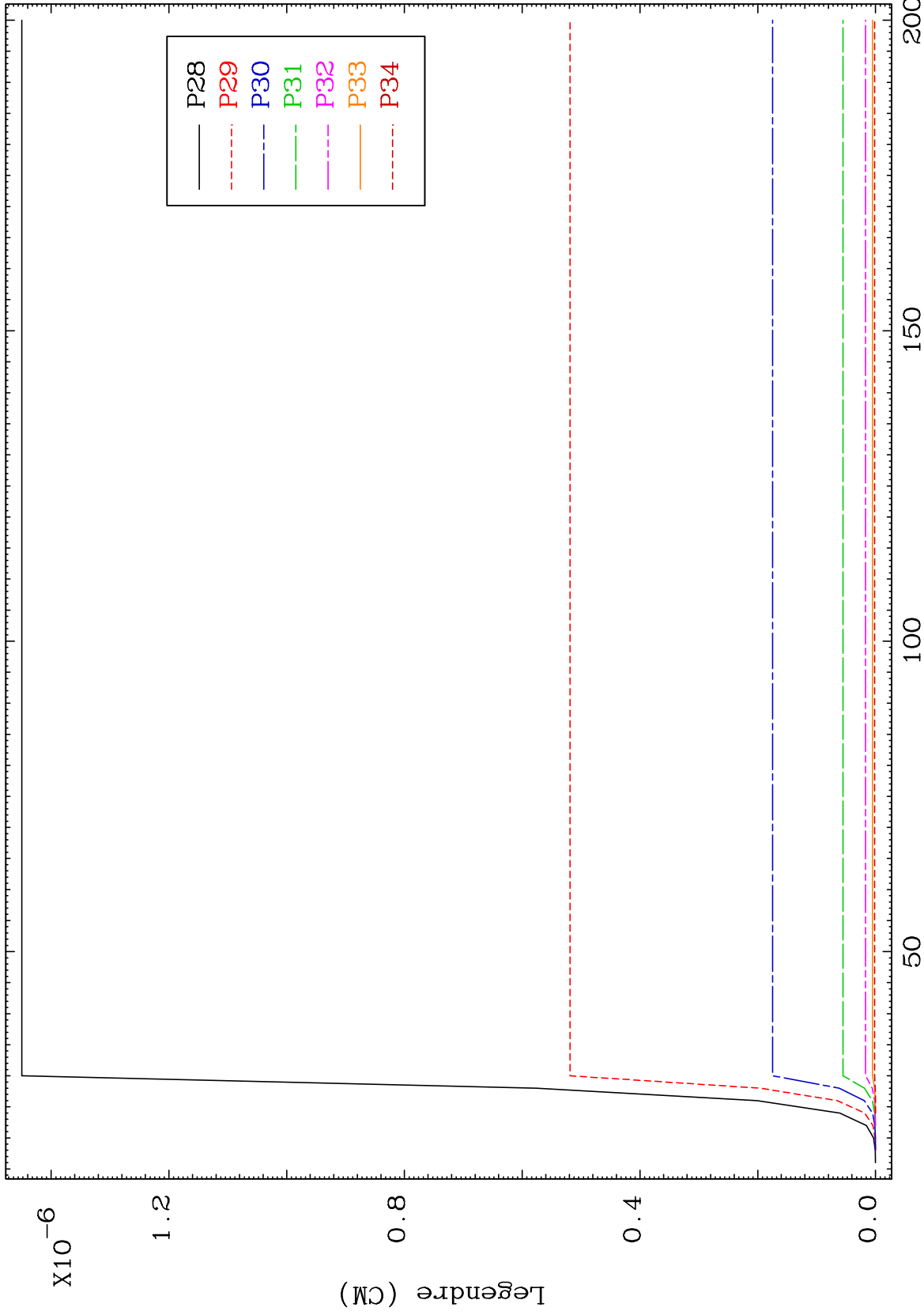
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



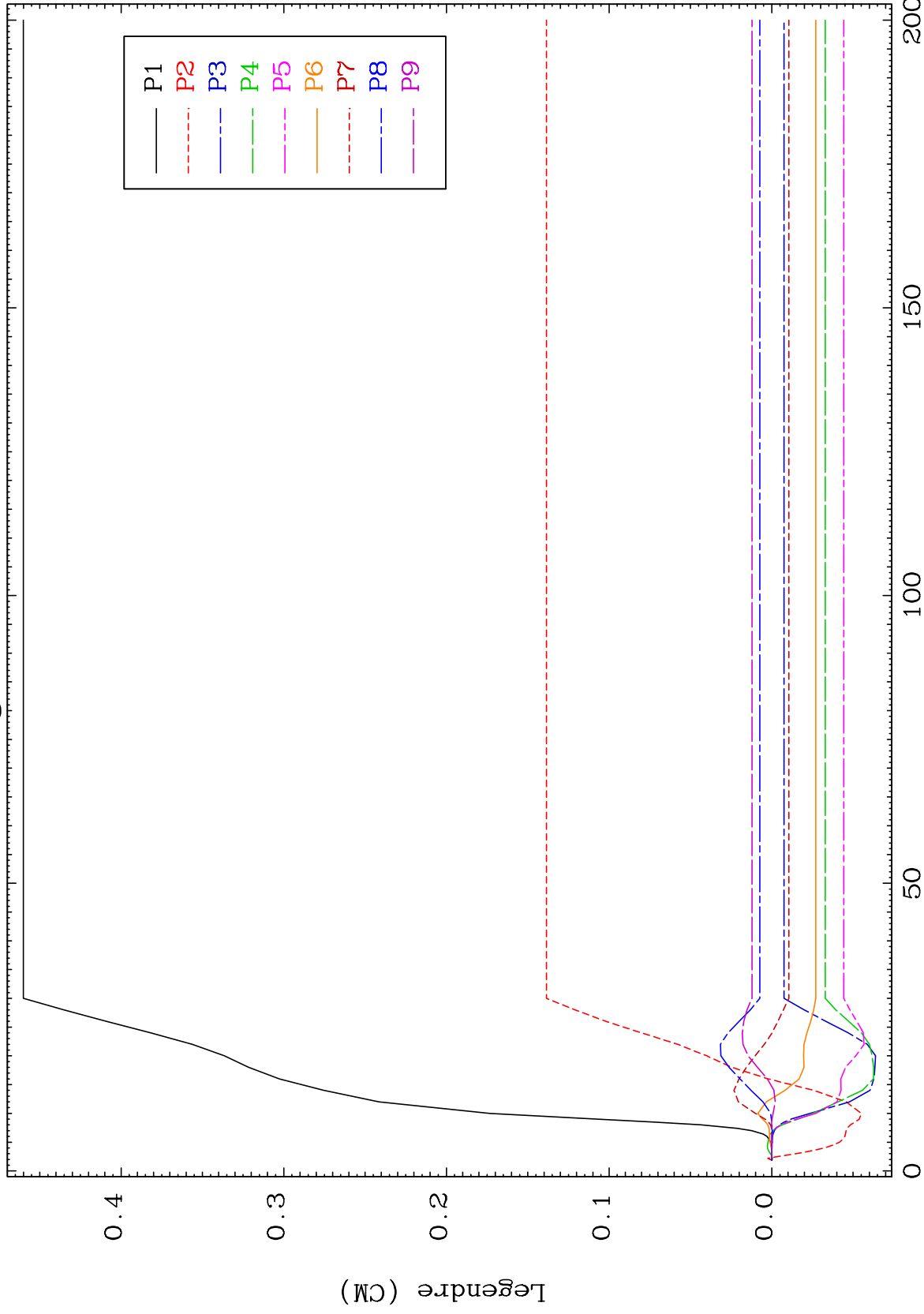
52

49-In-125

MAT 4961

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

49-In-125



53

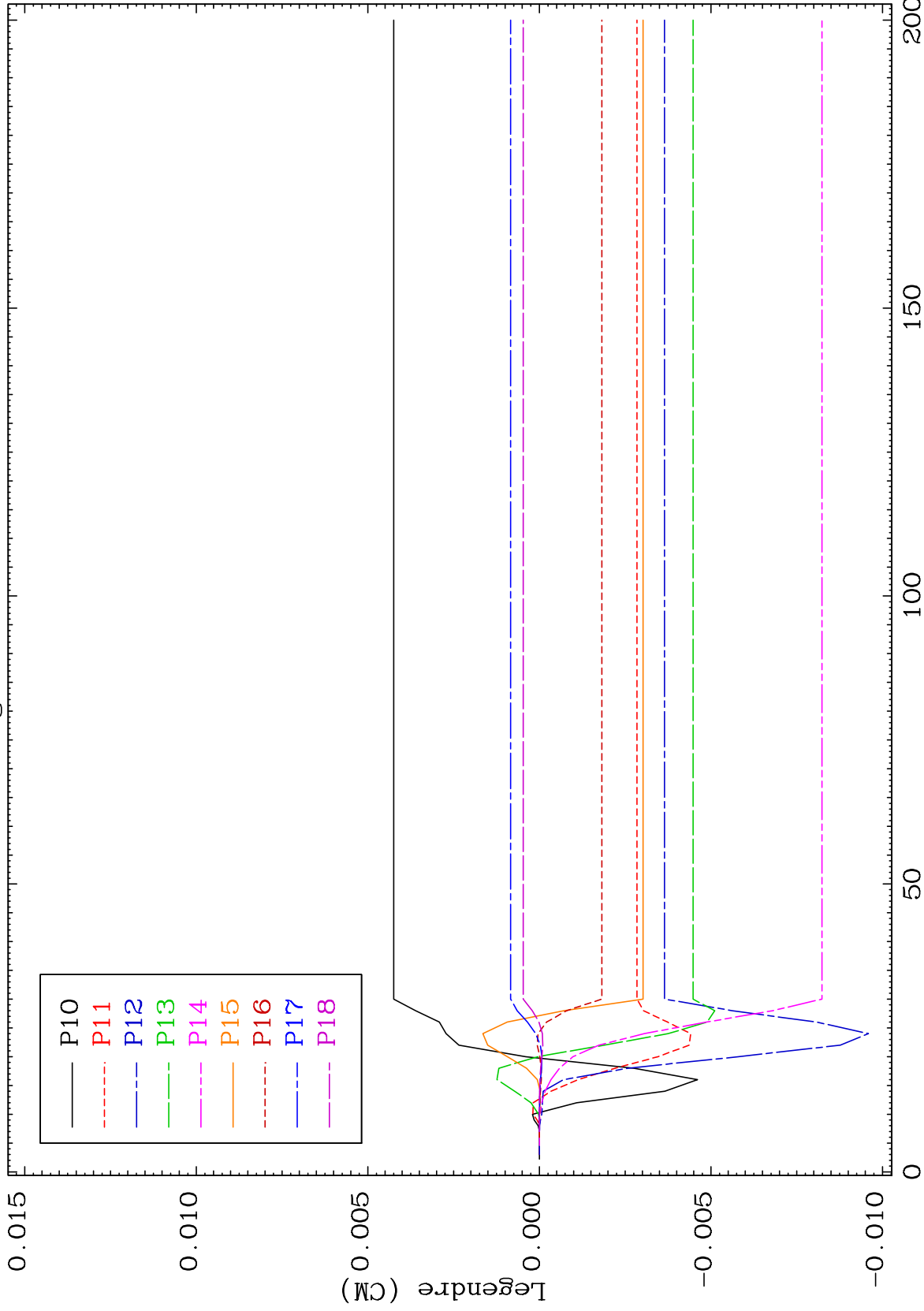
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



54

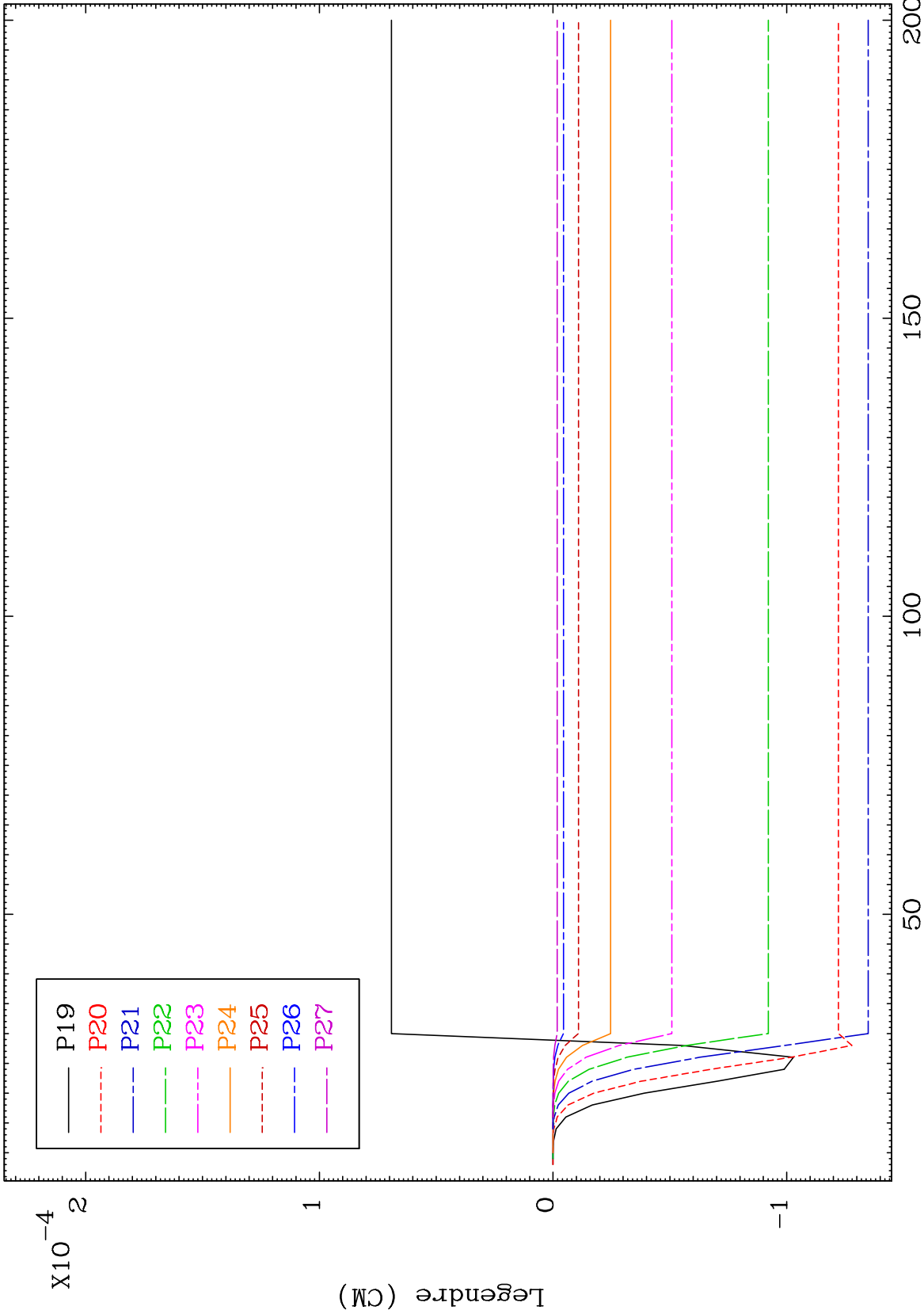
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



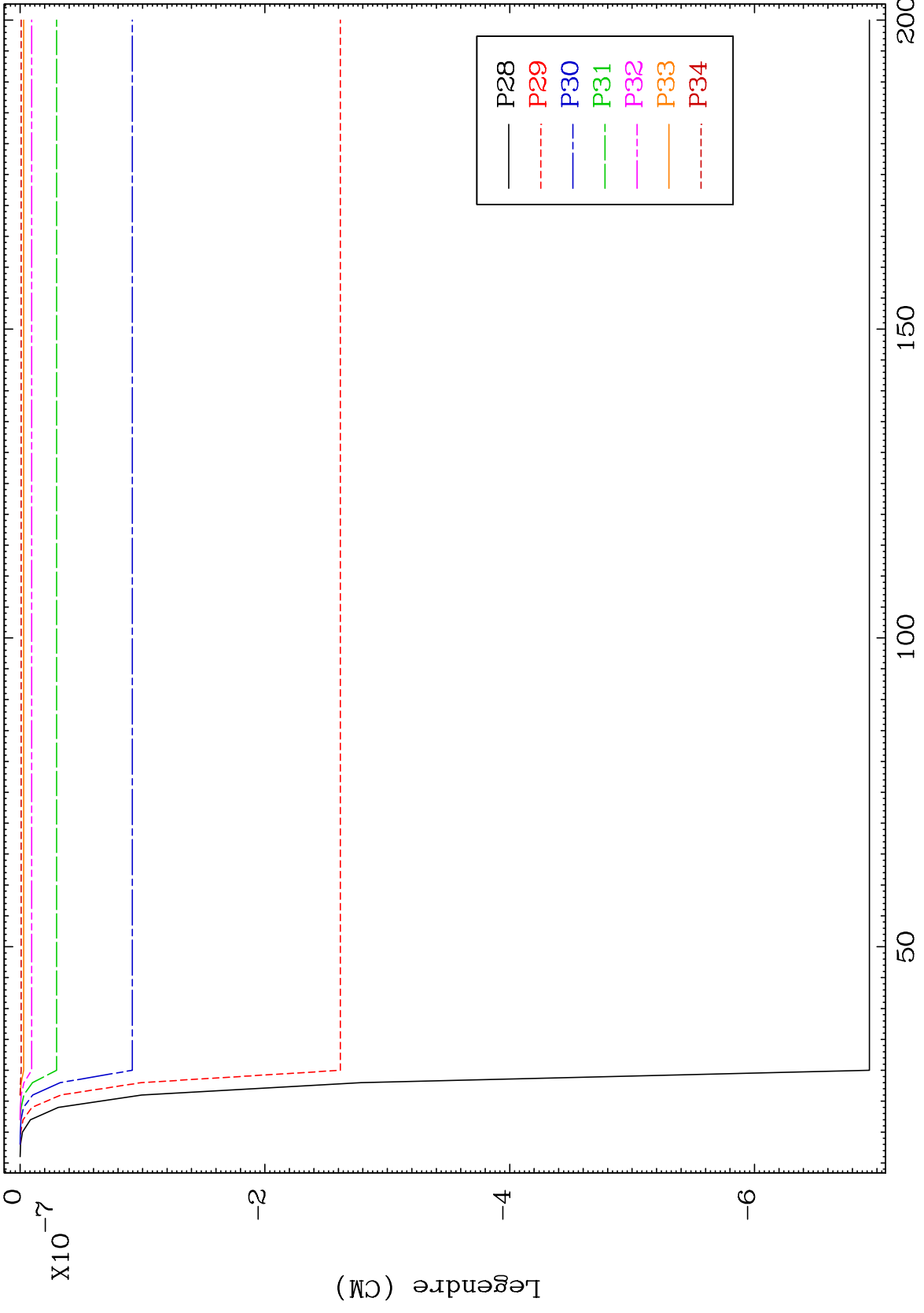
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Incident Energy (MeV)

49-In-125



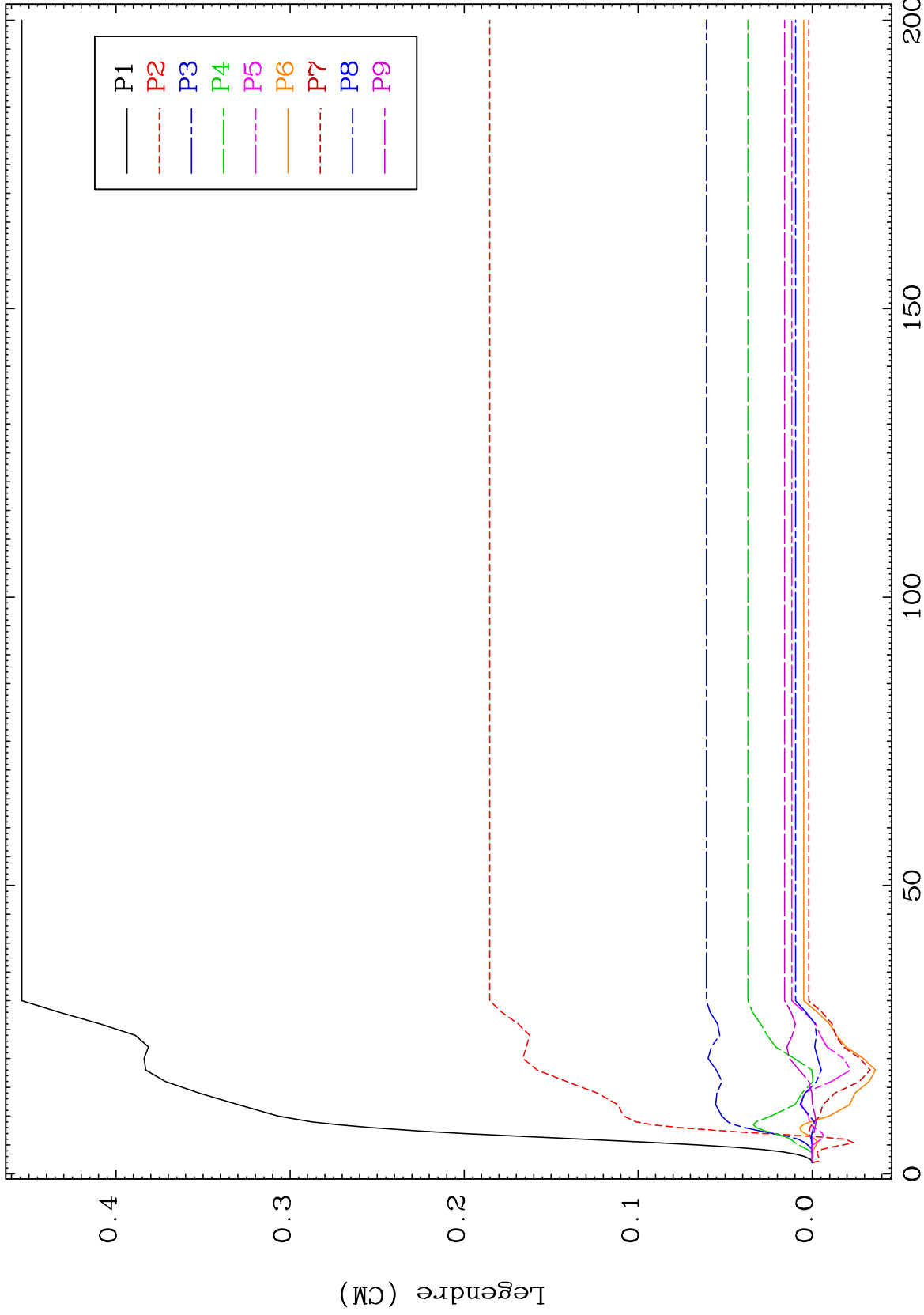
MAT 4961 MT= 60 (n,n') Level Legendre Coefficients 49-In-125



MAT 4961

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

49-In-125



57

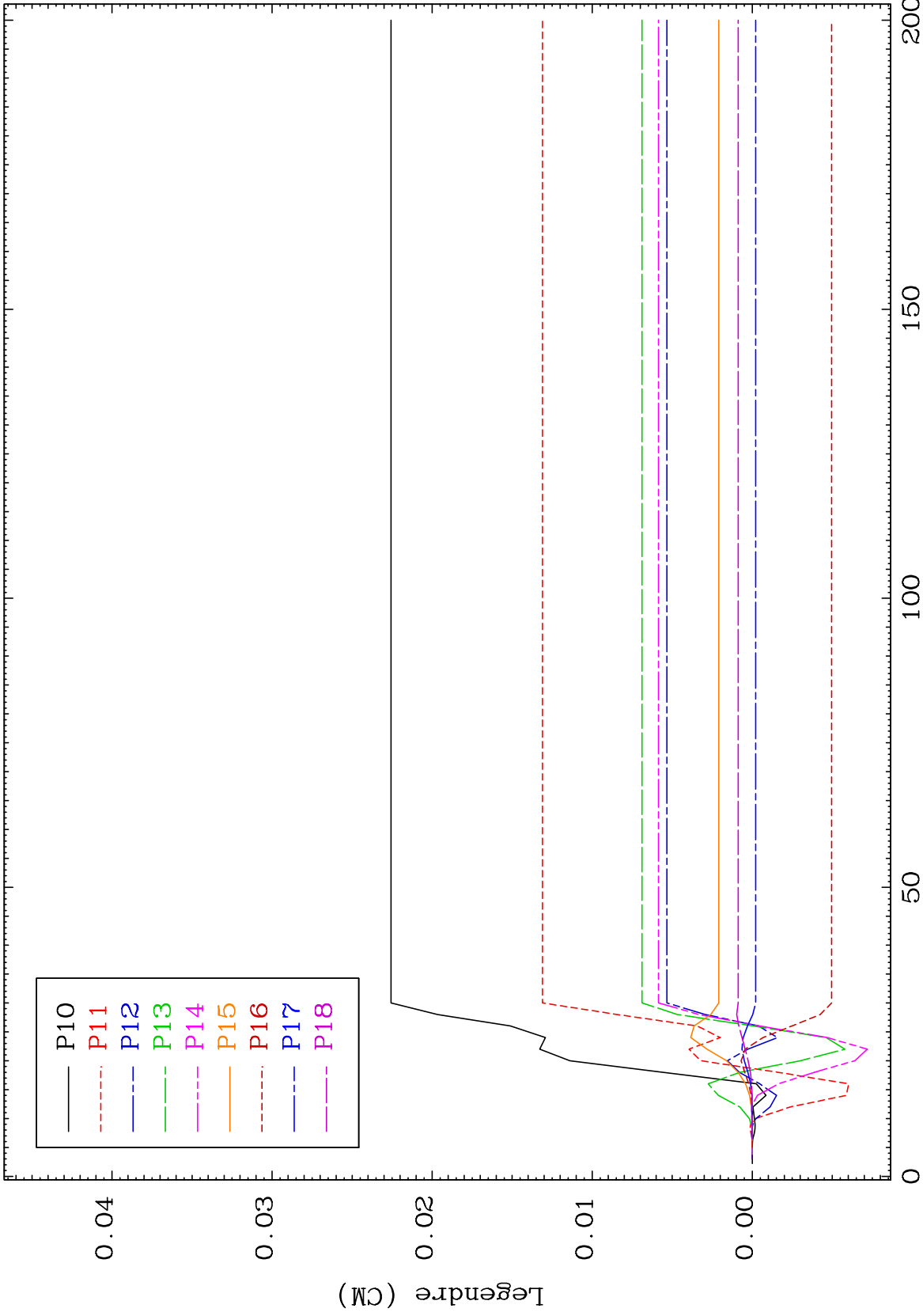
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



58

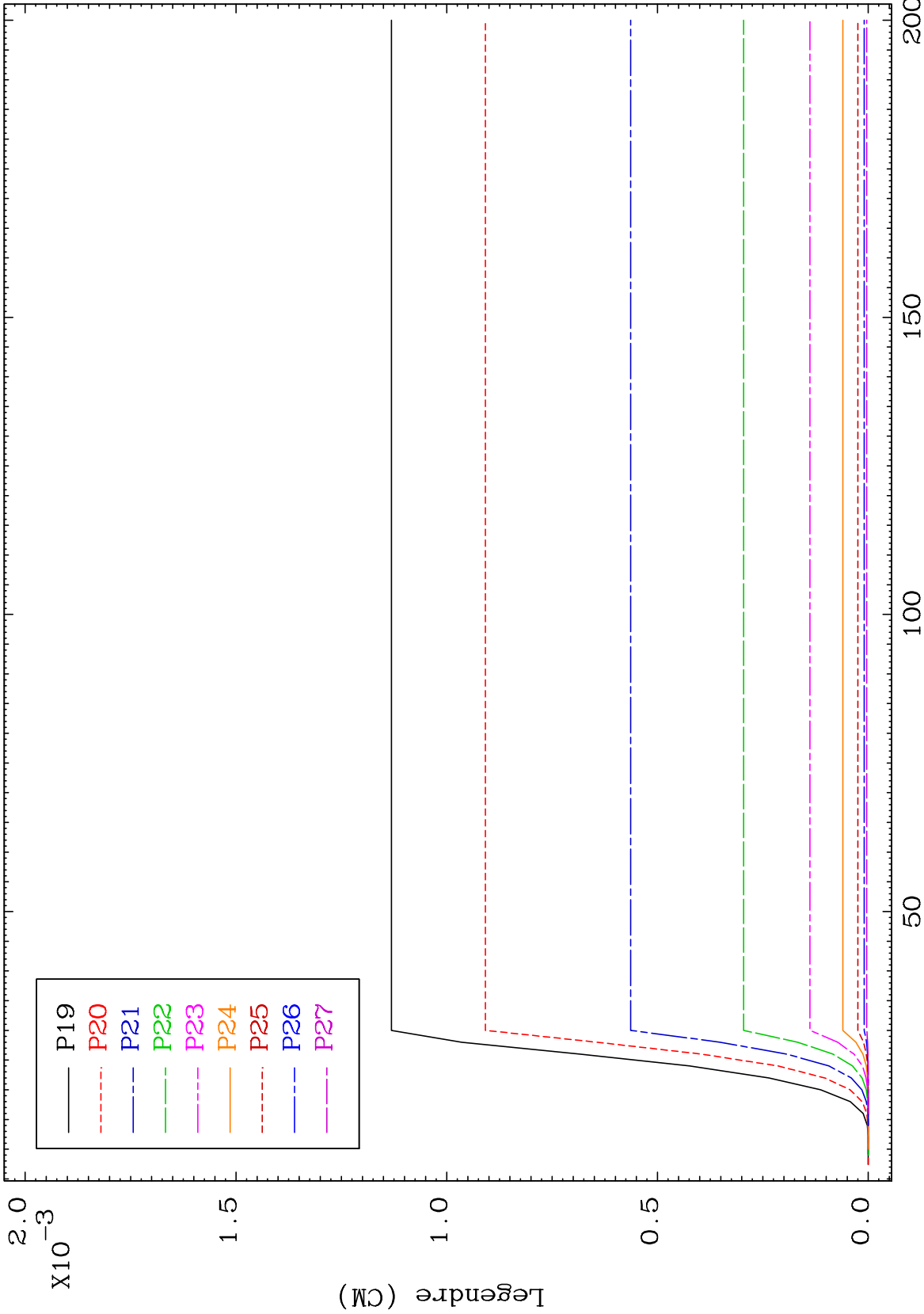
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



59

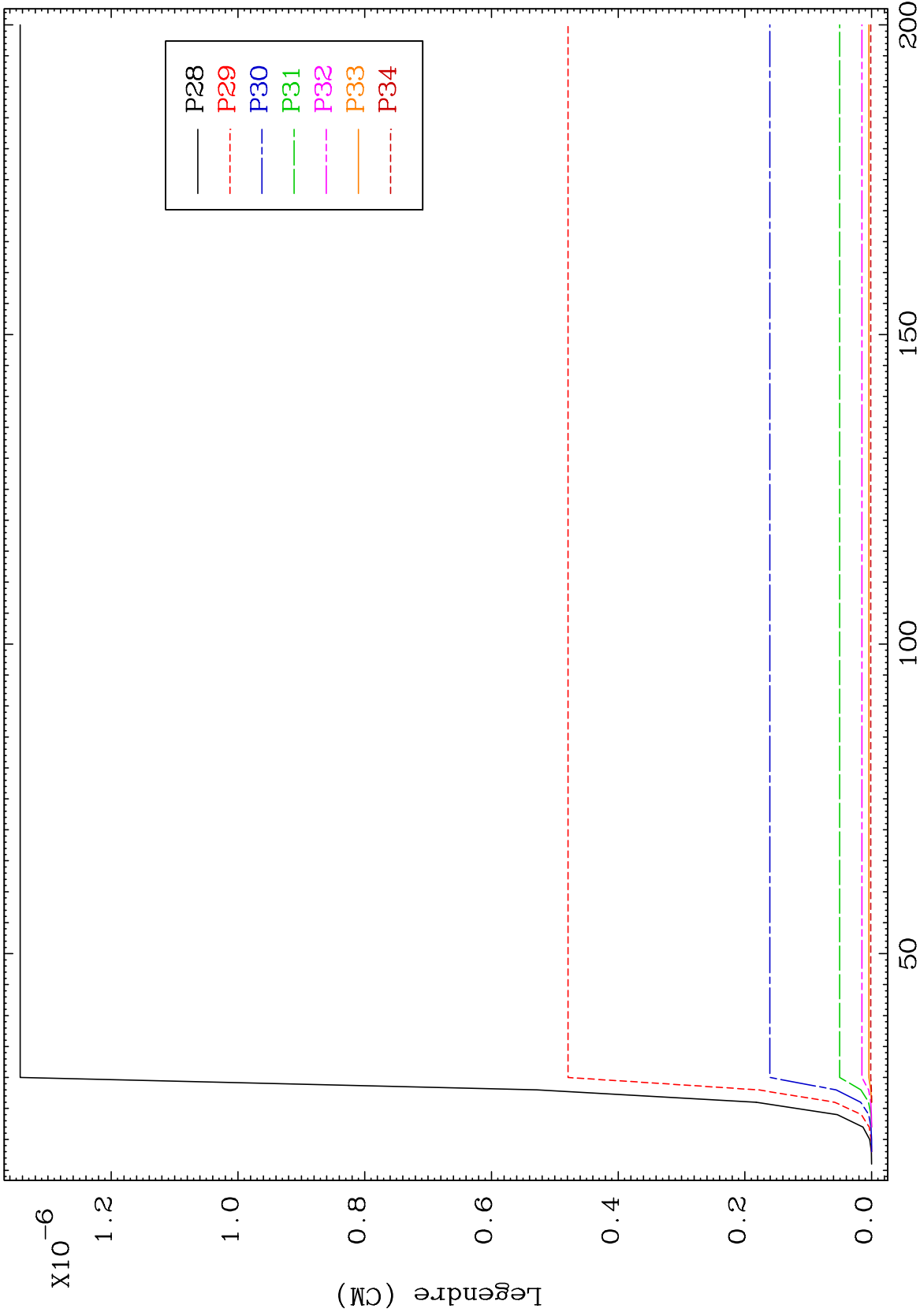
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



60

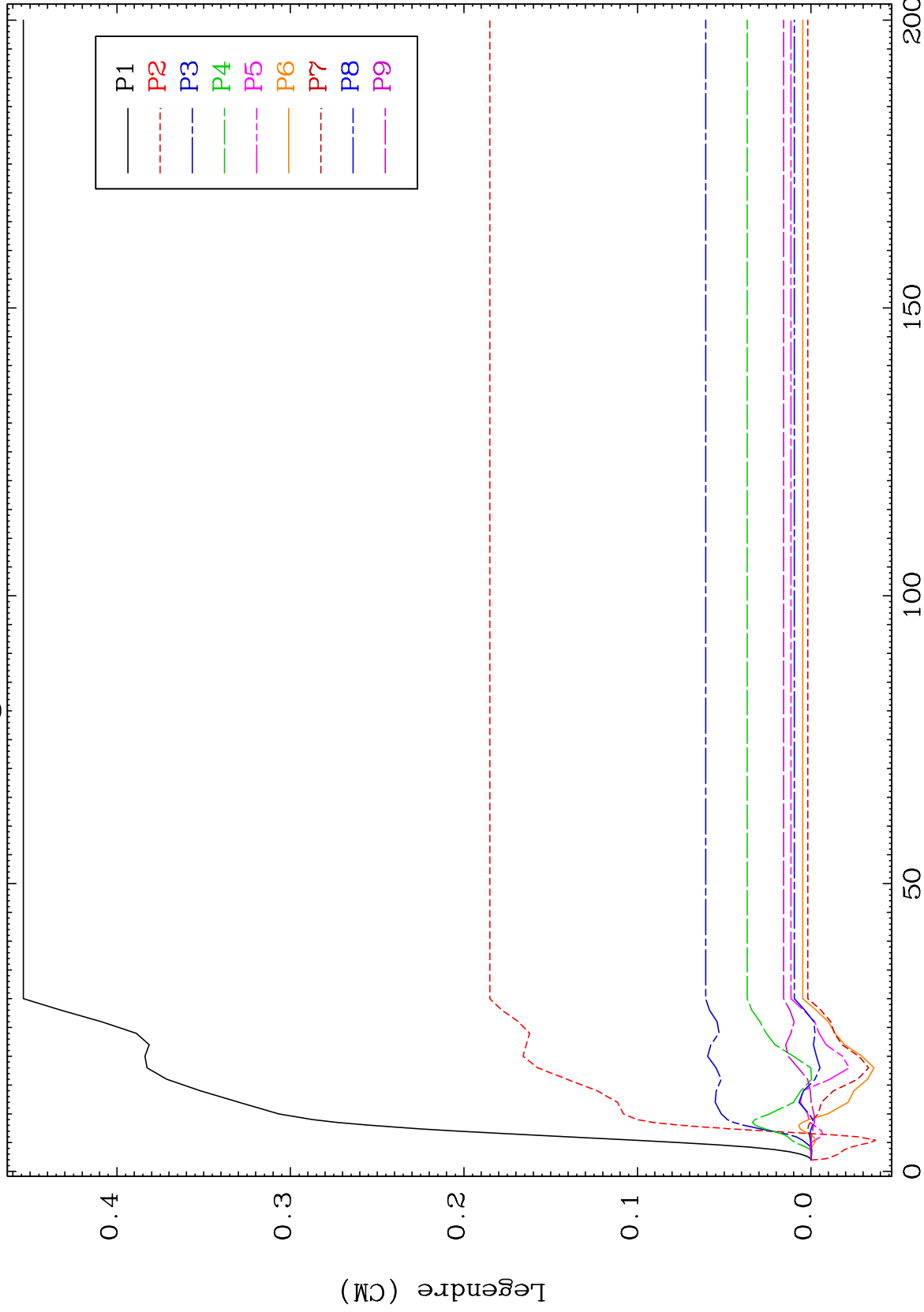
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



61

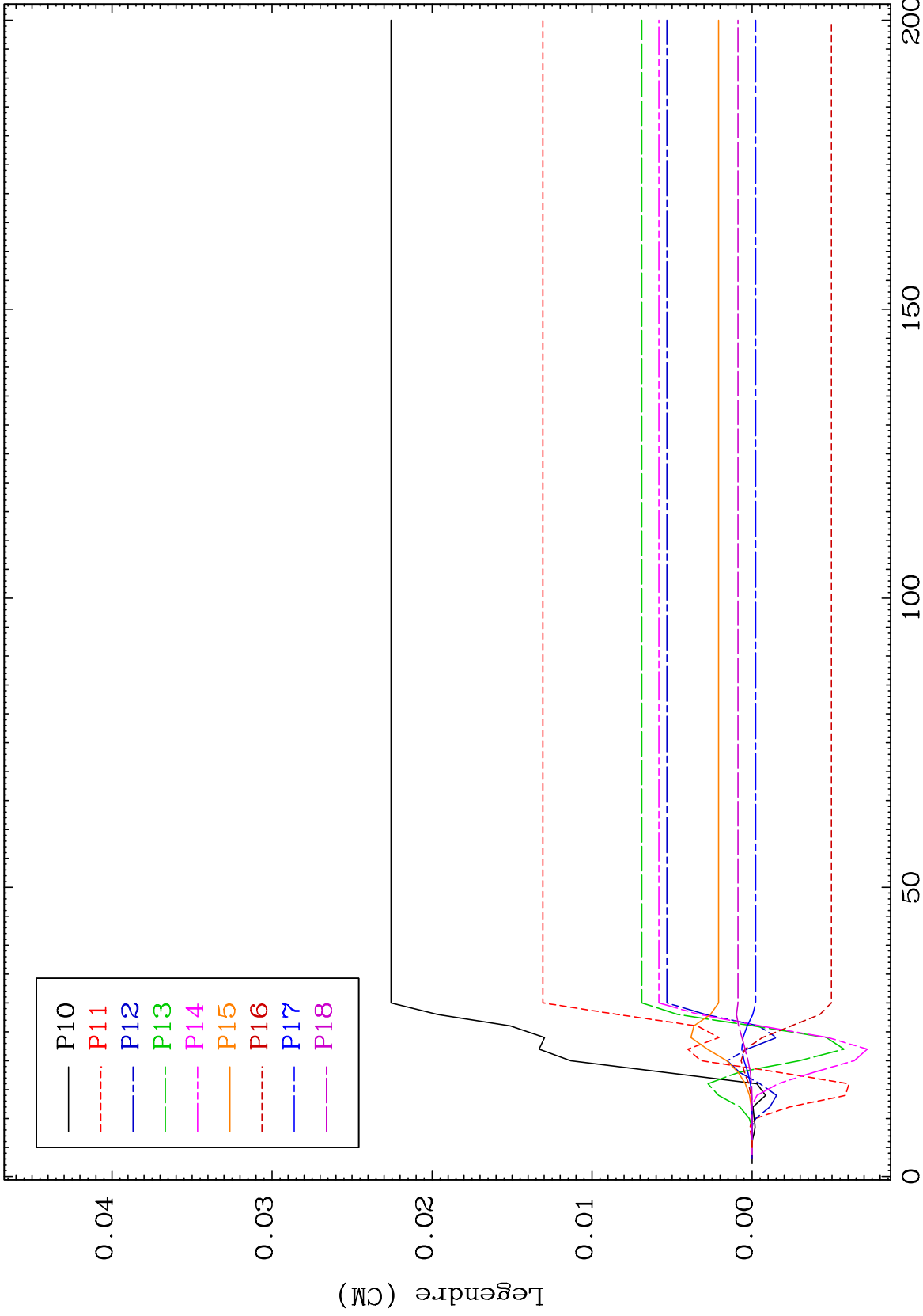
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



62

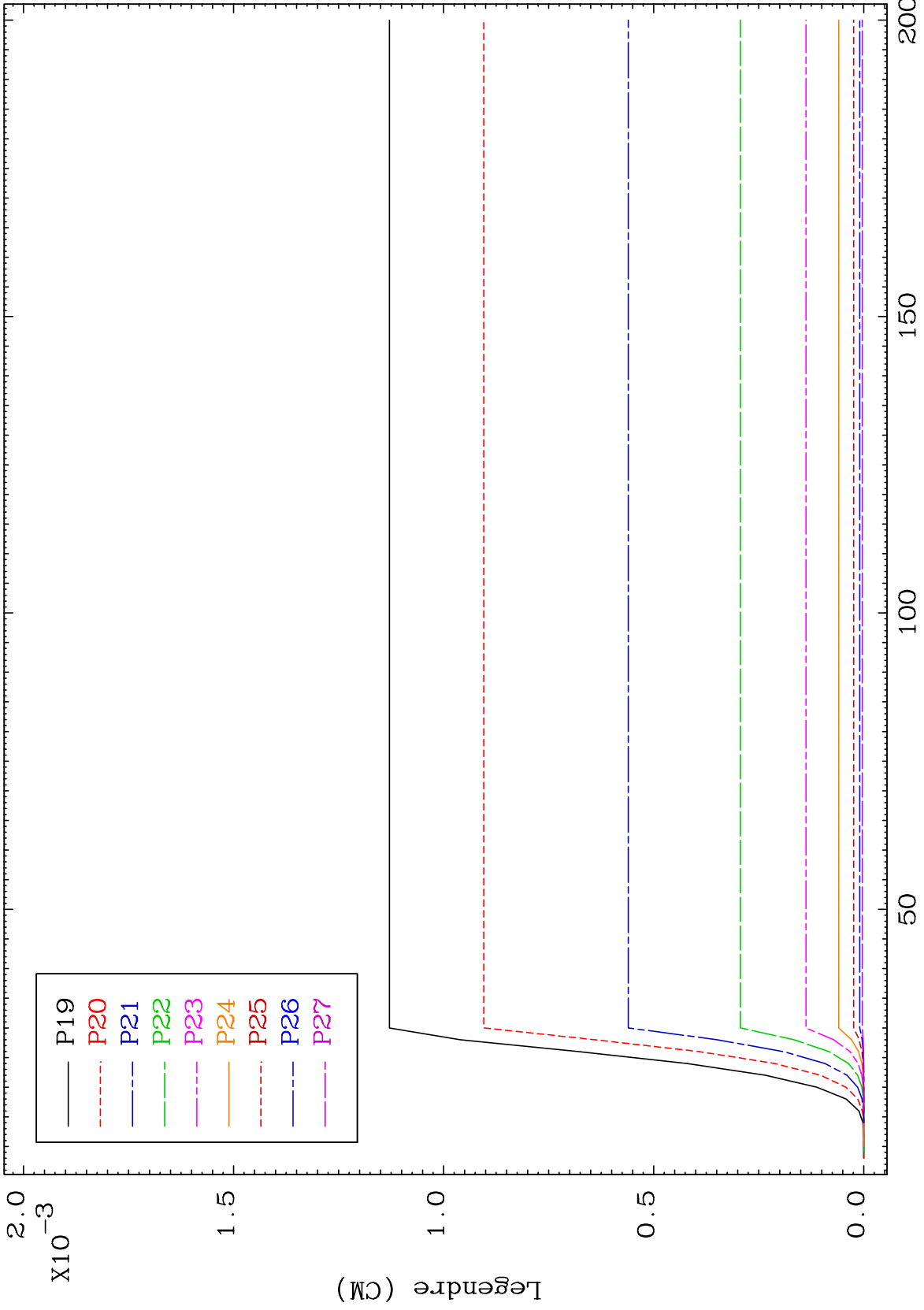
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



63

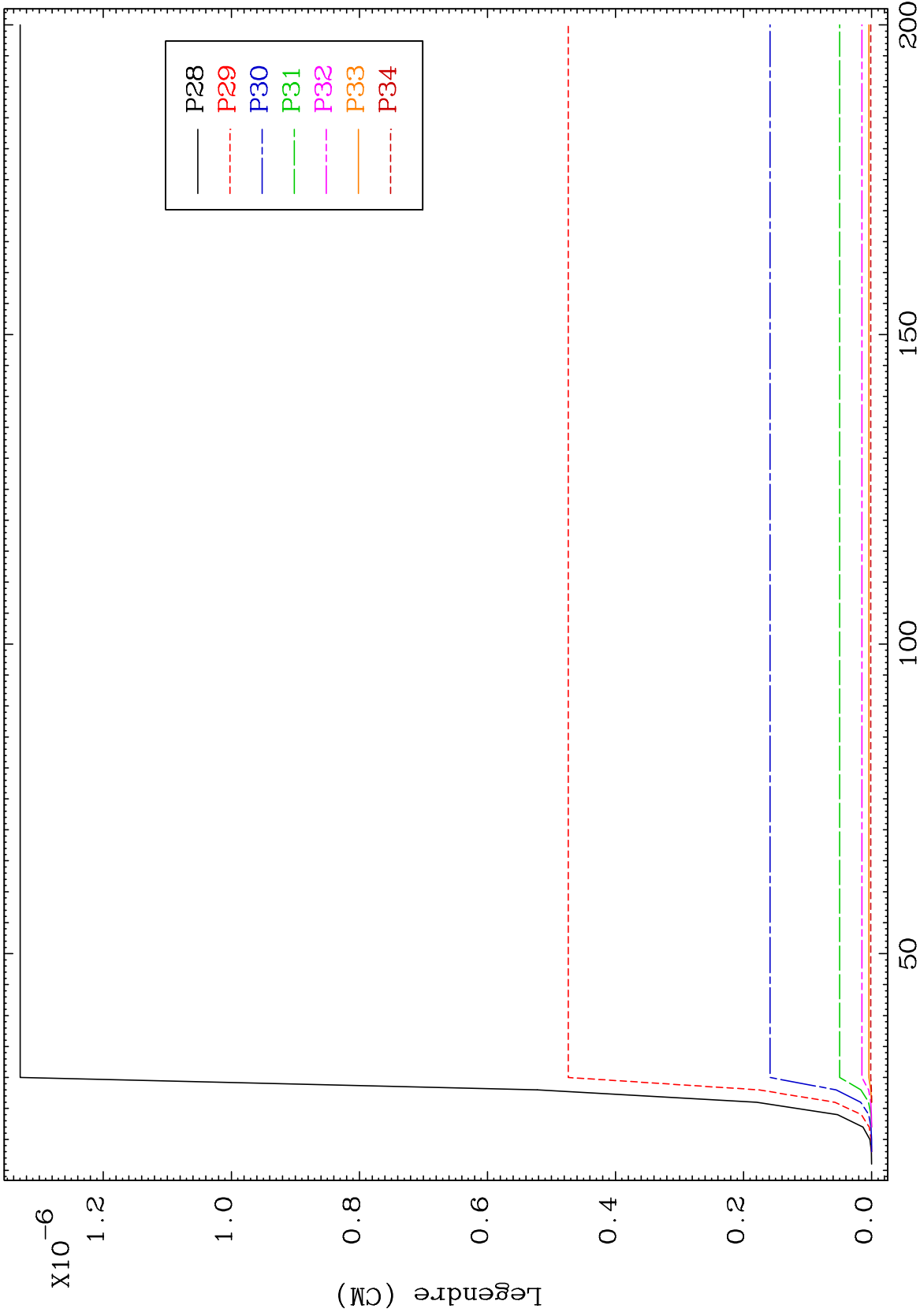
49-In-125



MAT 4961

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

49-In-125



64

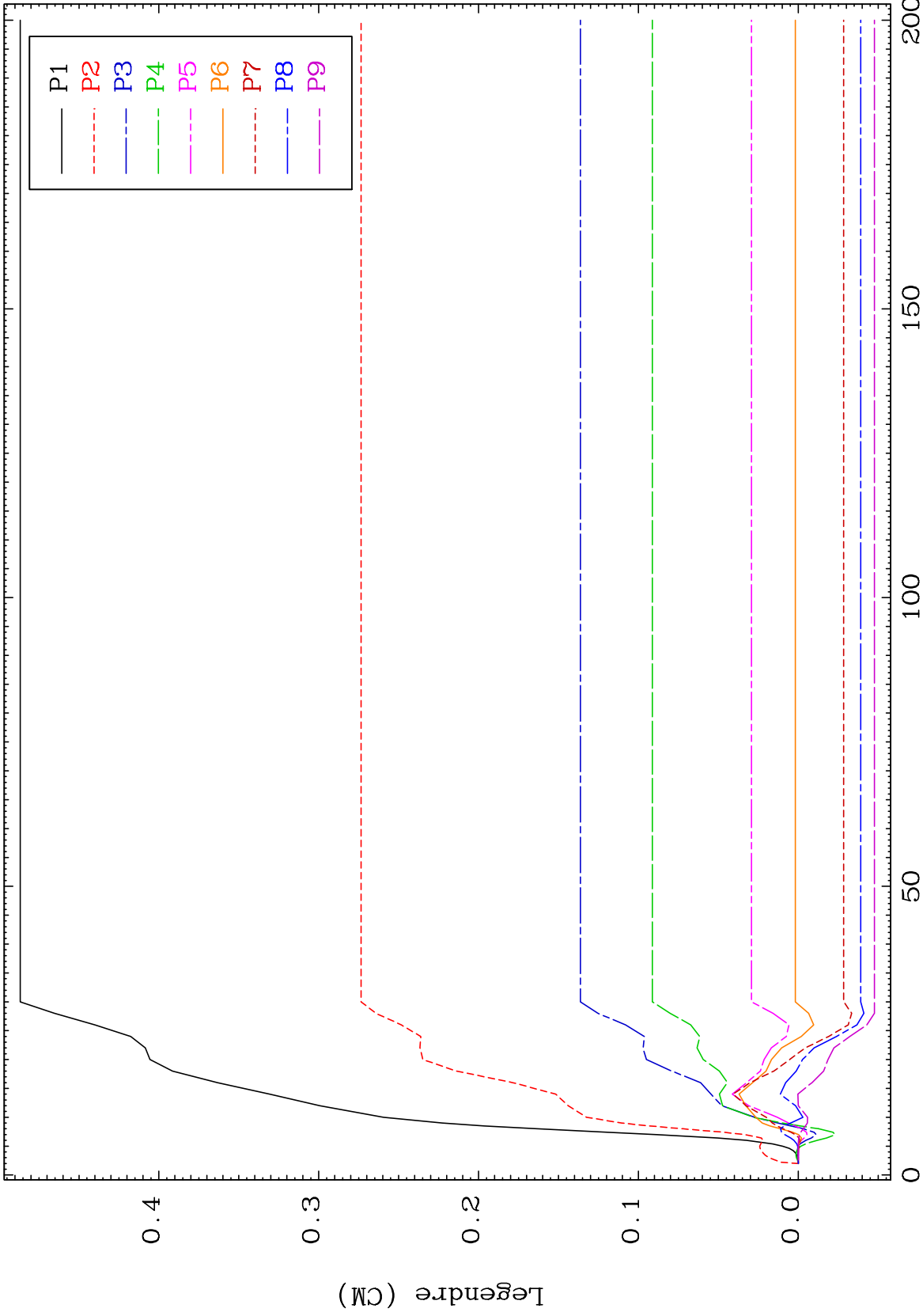
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



65

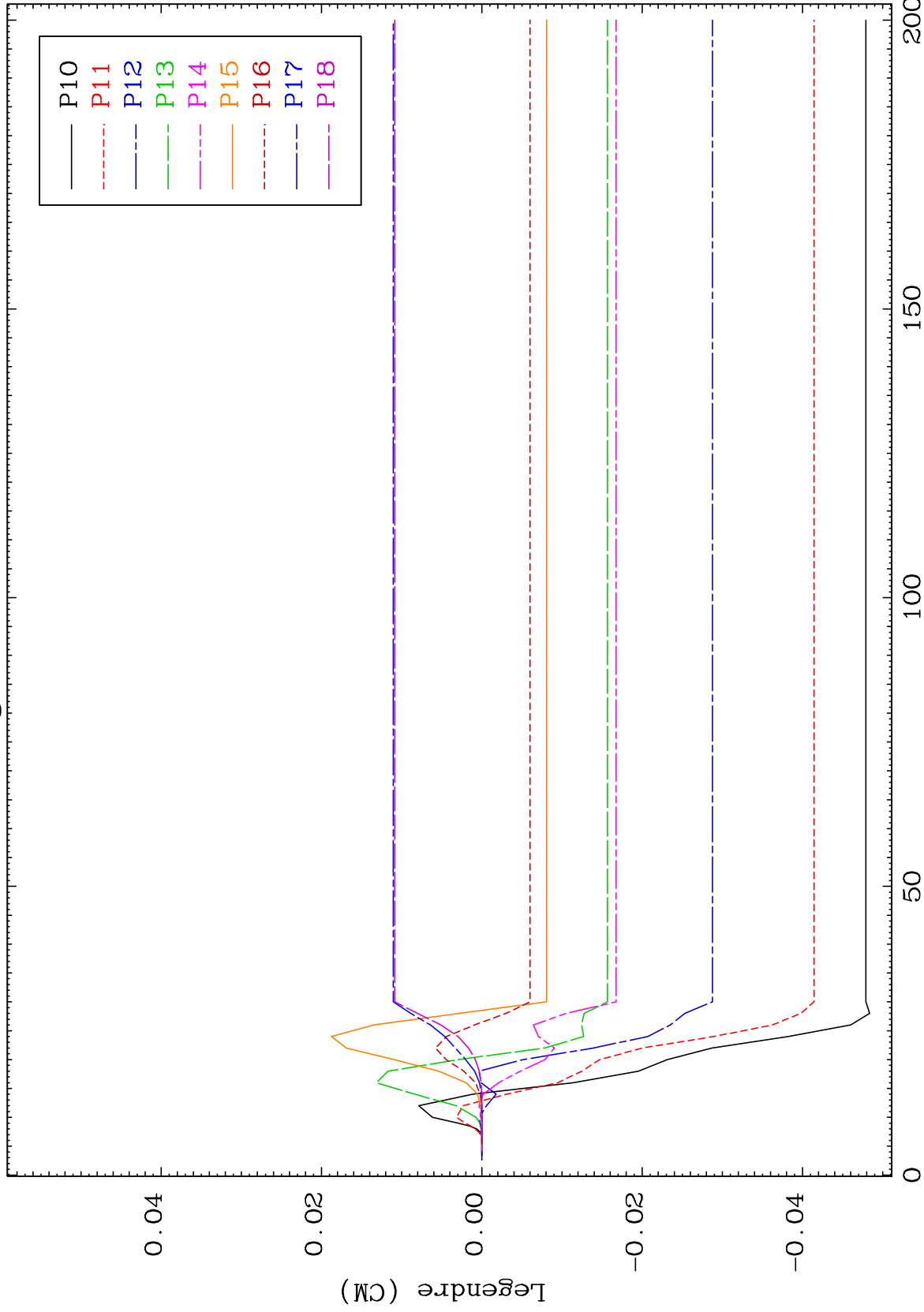
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



66

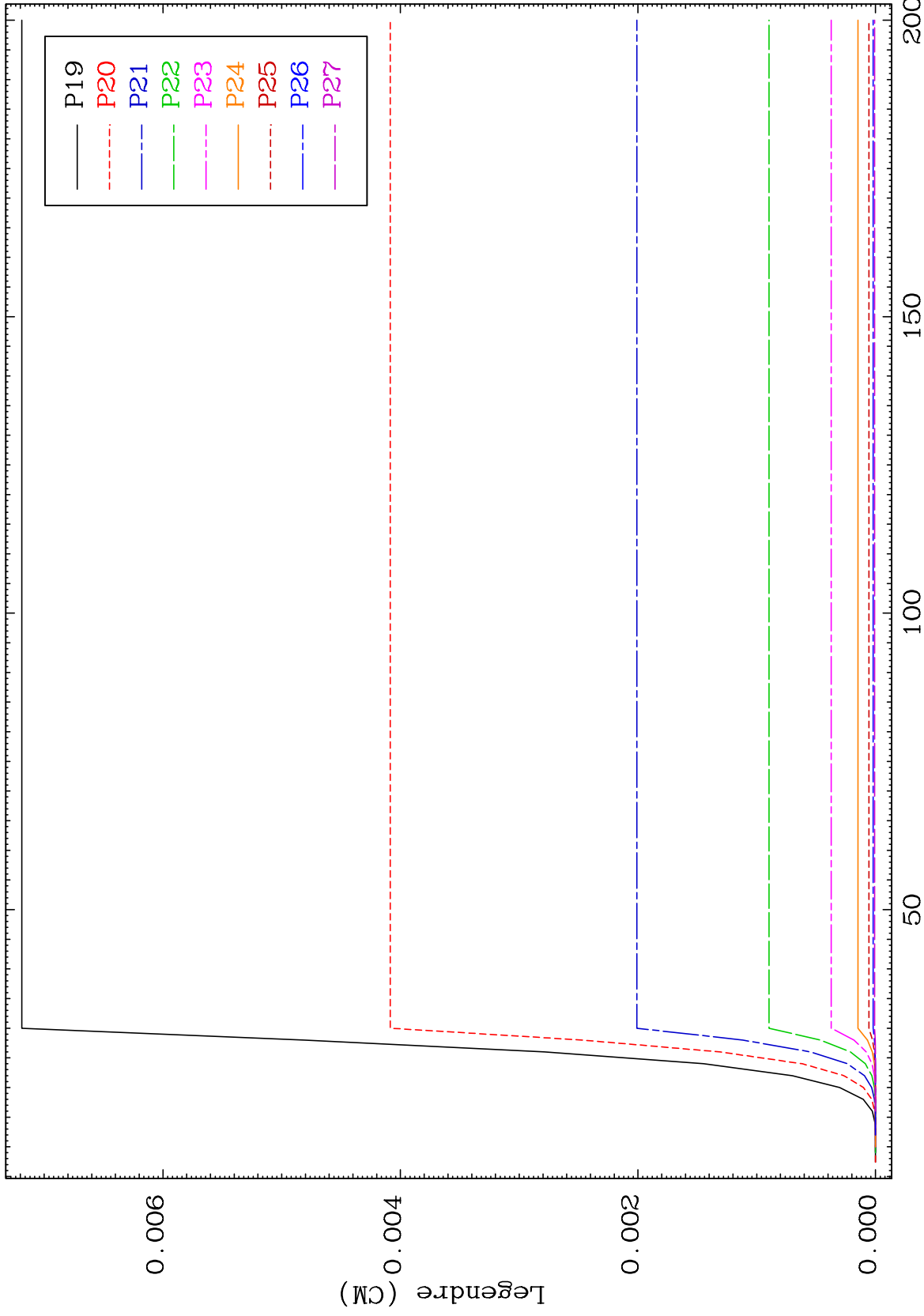
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



67

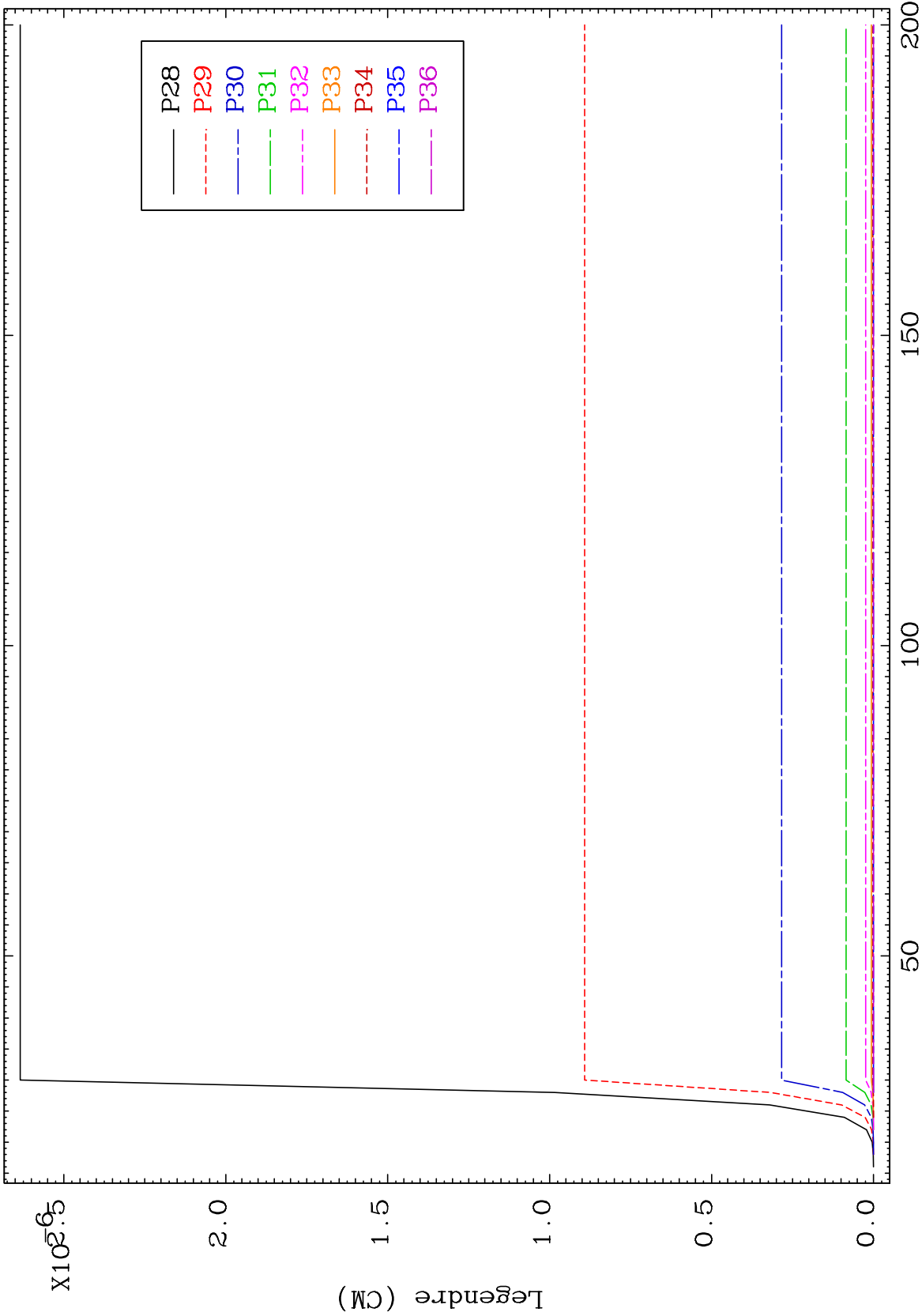
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



68

Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



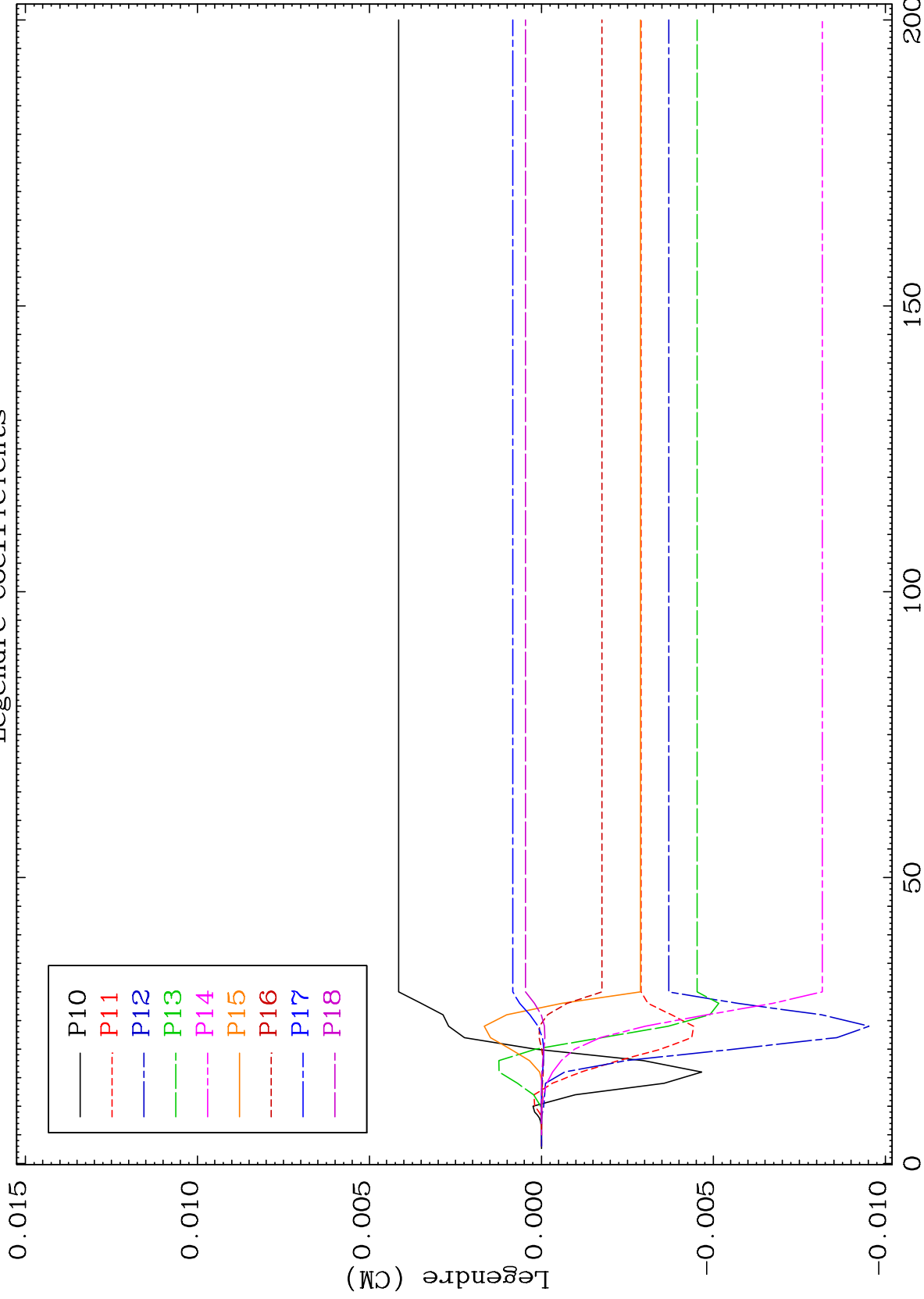
69

49-In-125

MAT 4961

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

49-In-125



70

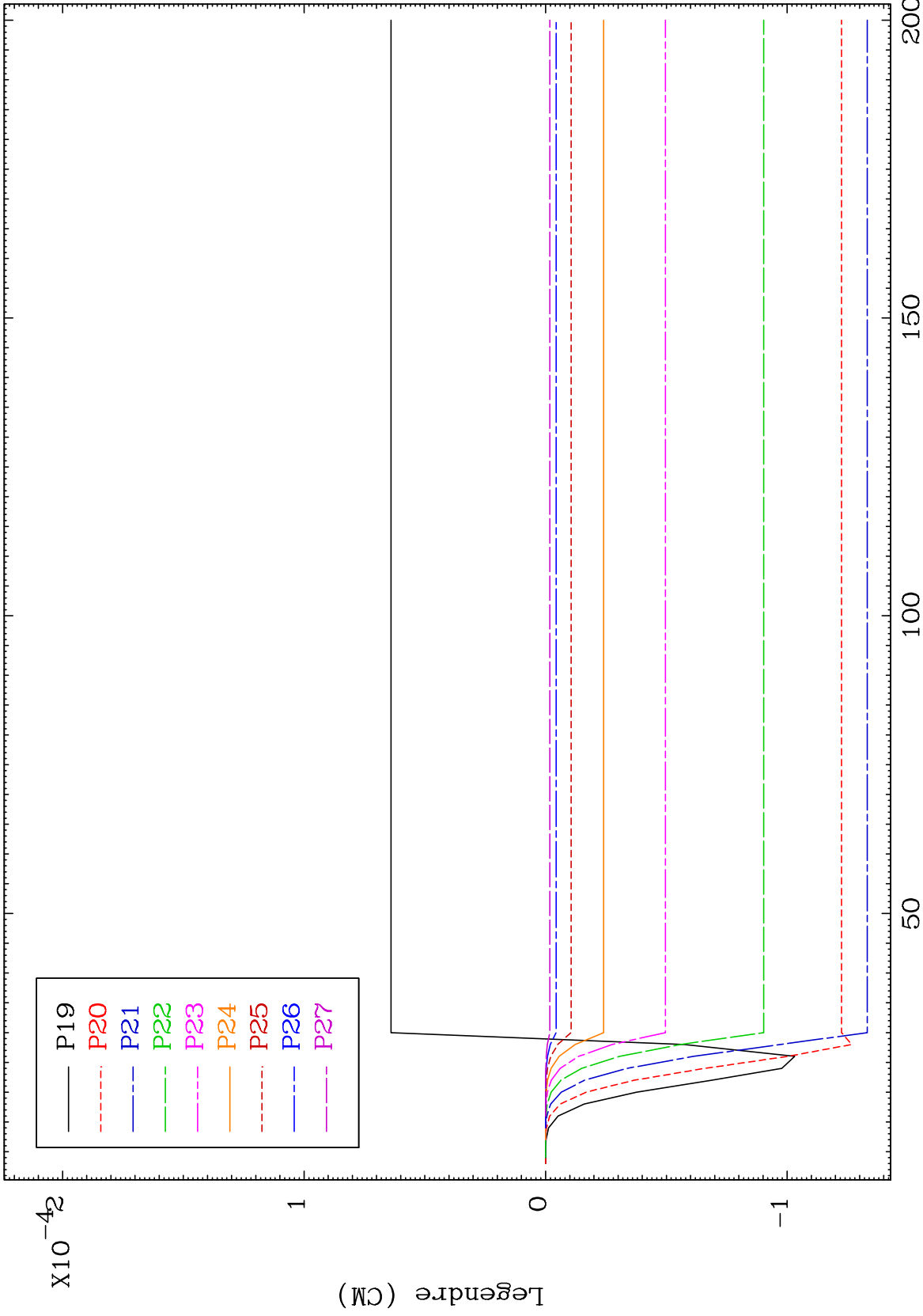
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



71

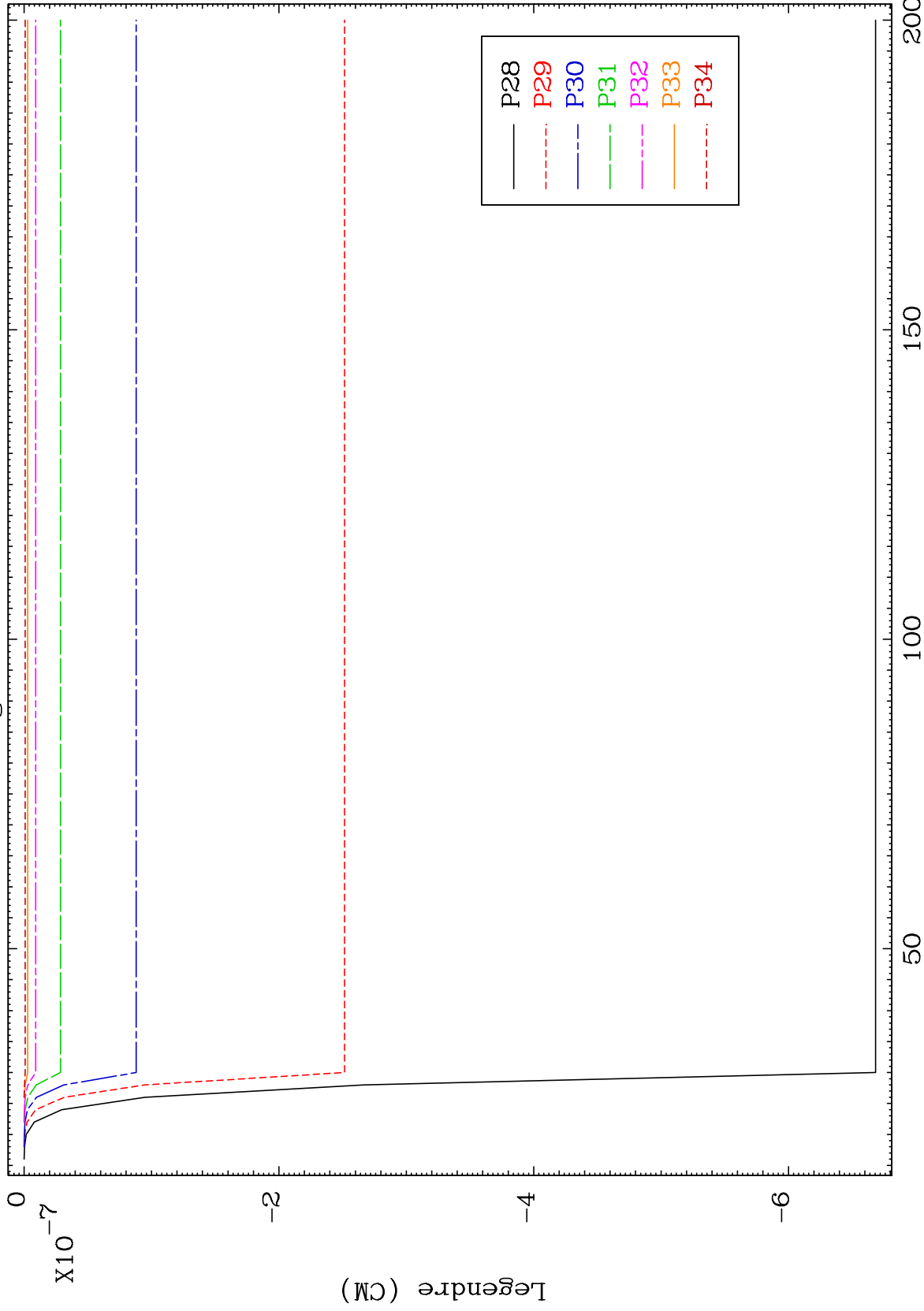
49-In-125



MAT 4961

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

49-In-125



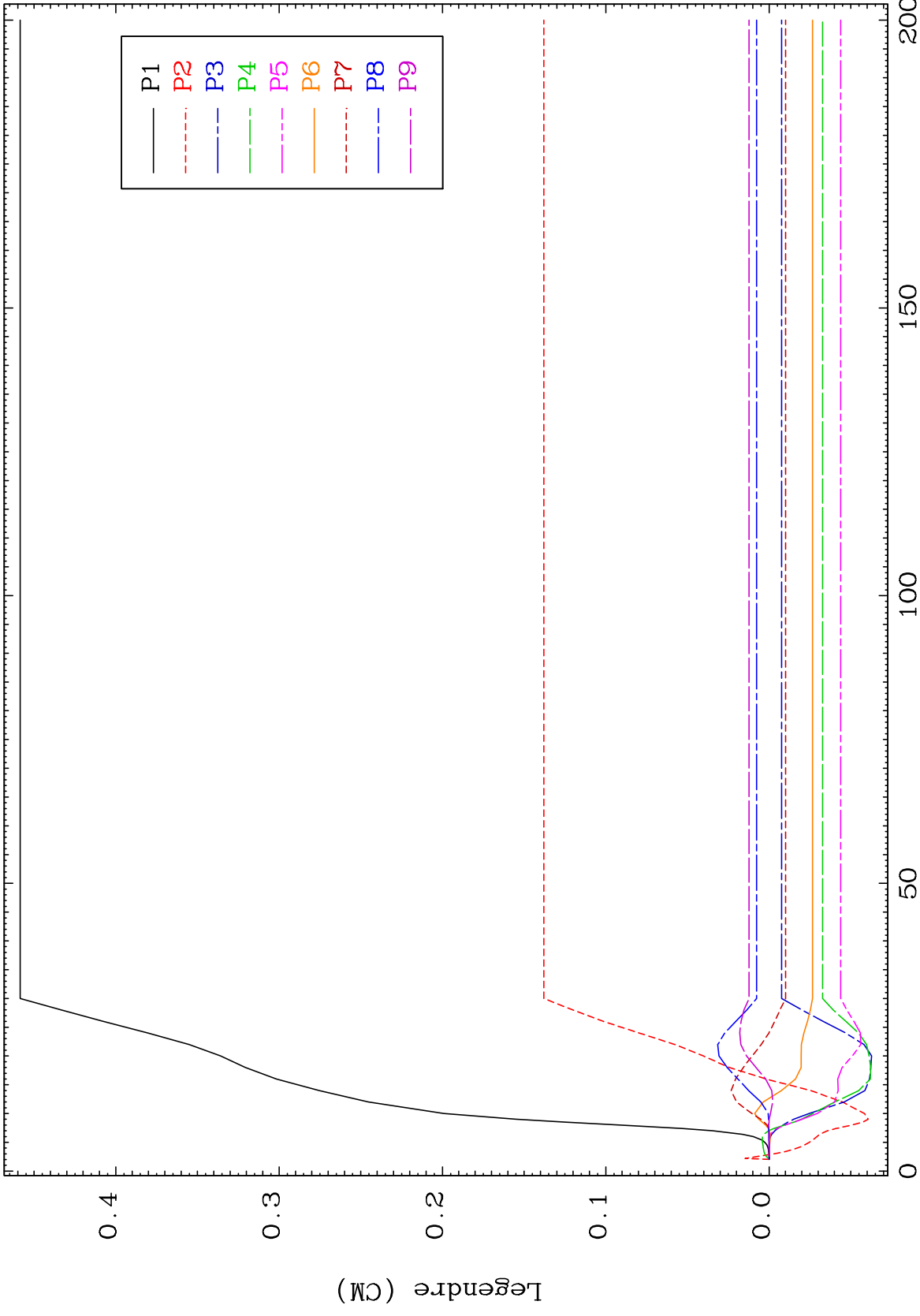
72

49-In-125

MAT 4961

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

49-In-125



73

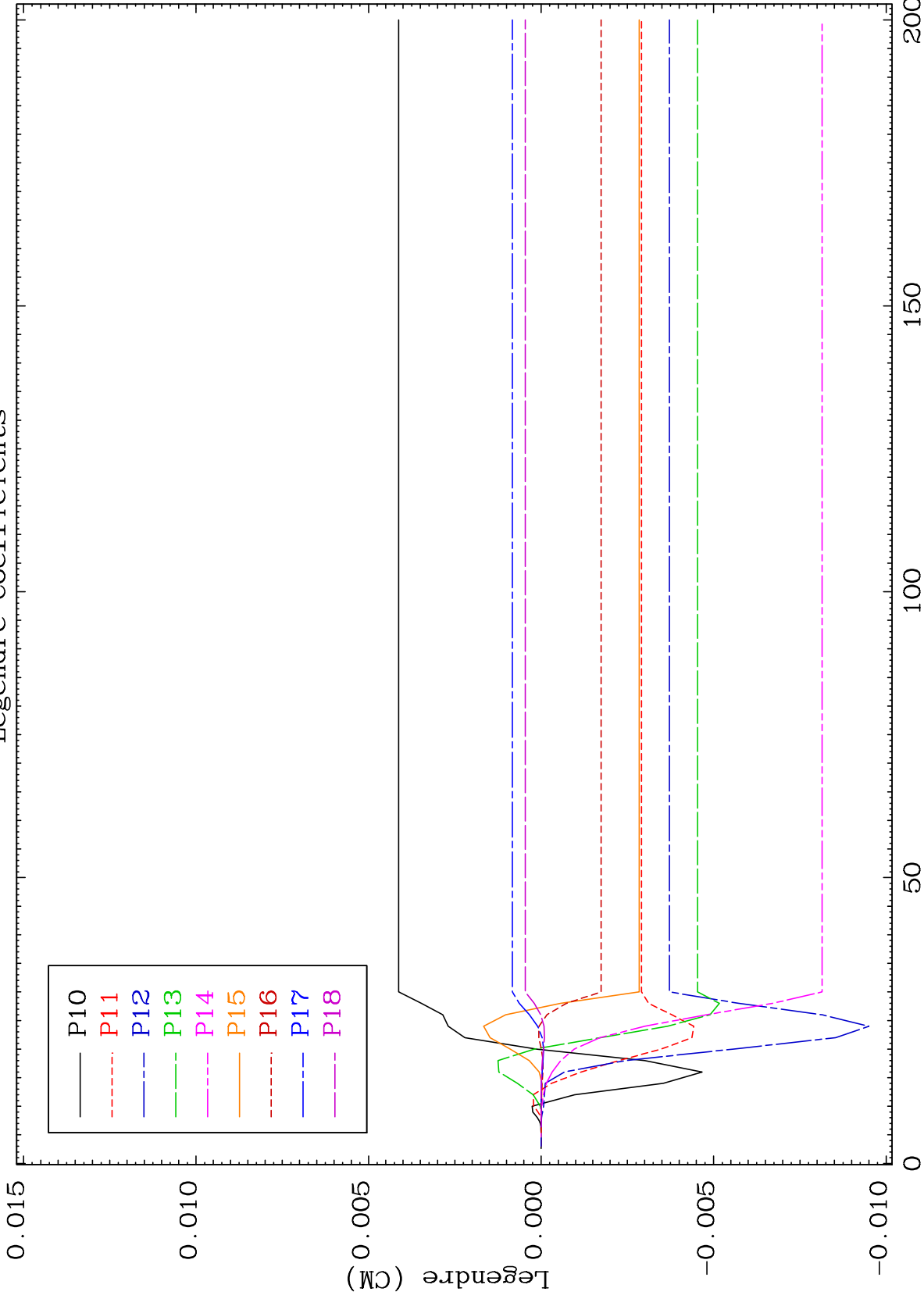
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



74

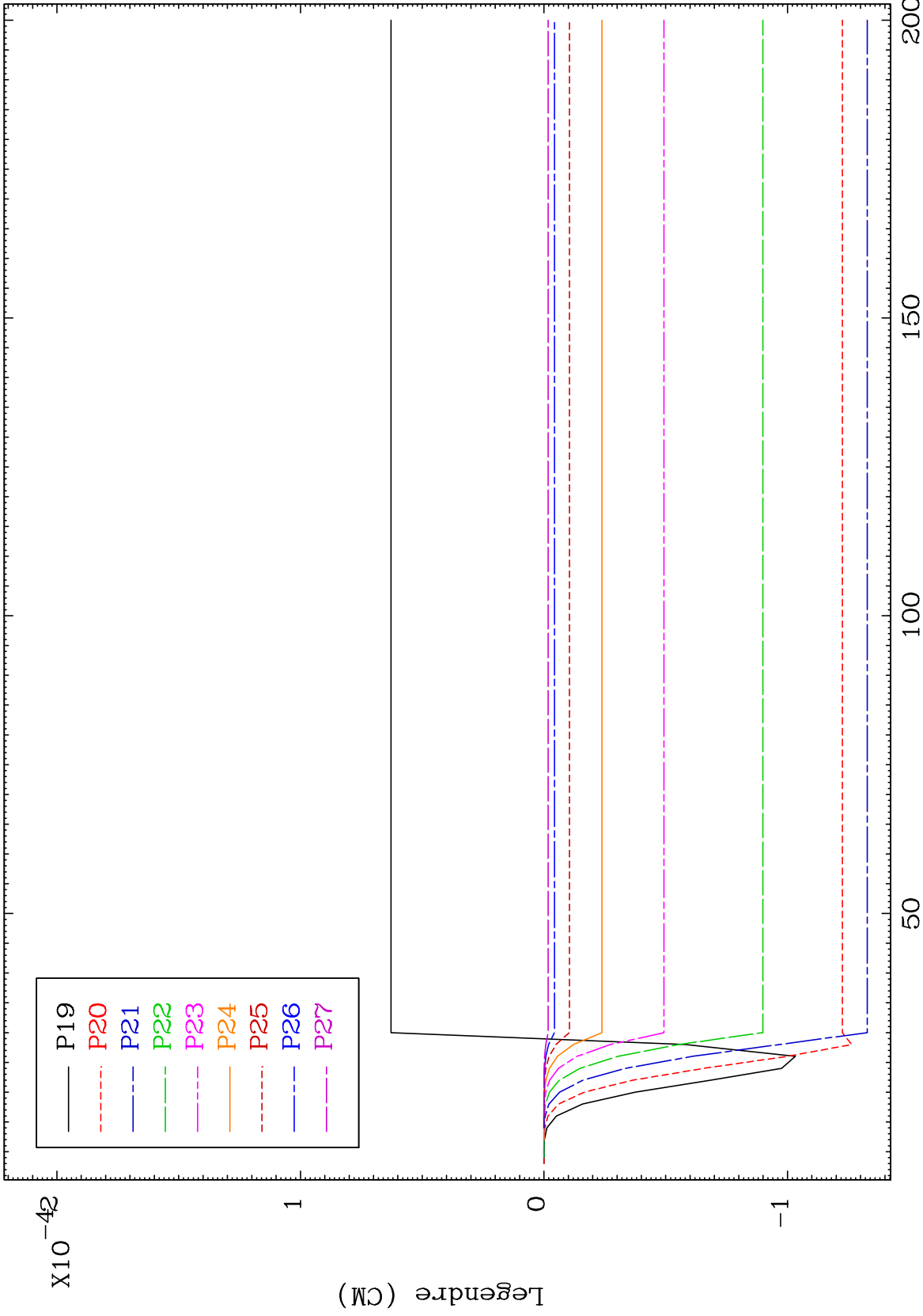
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



75

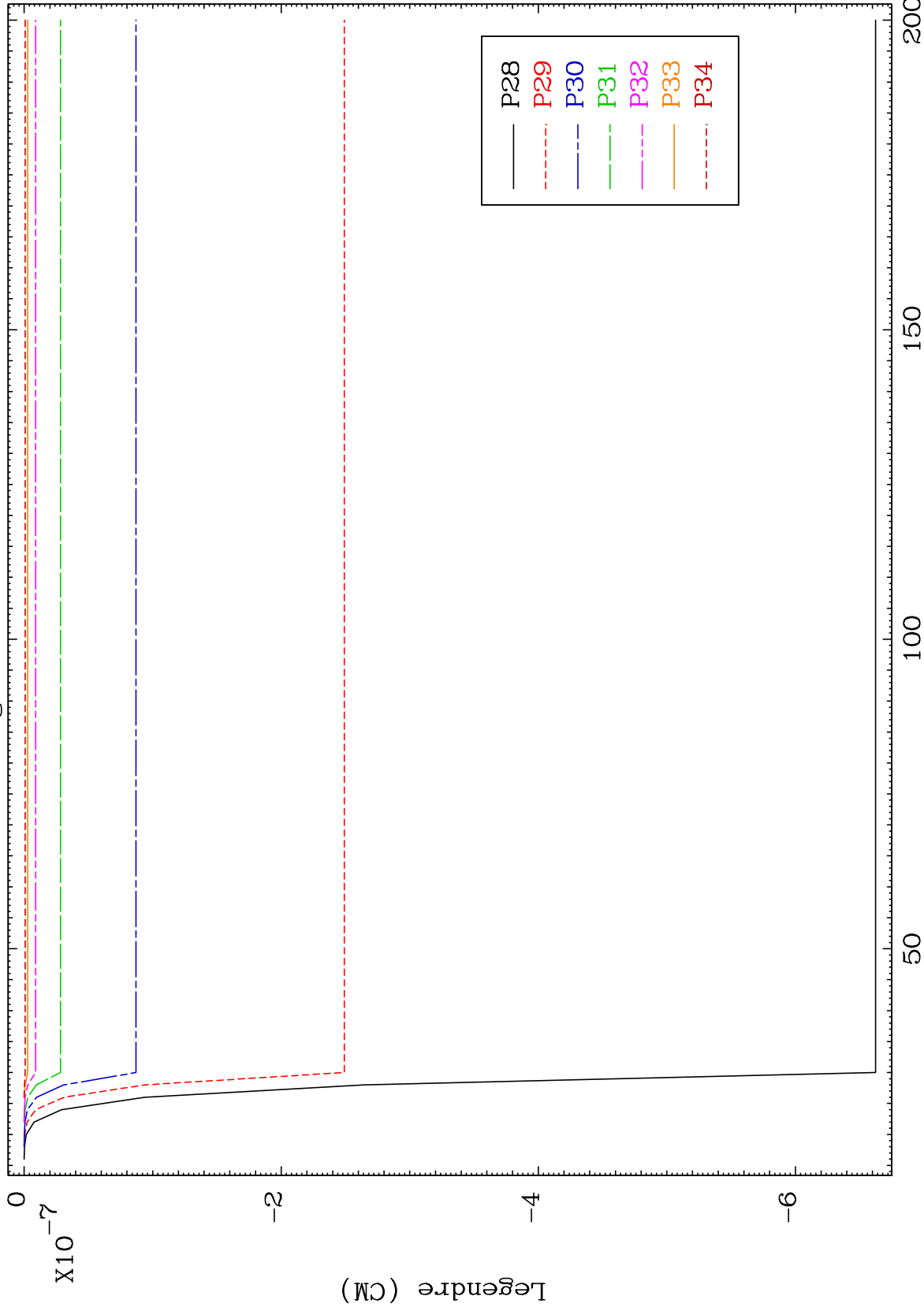
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



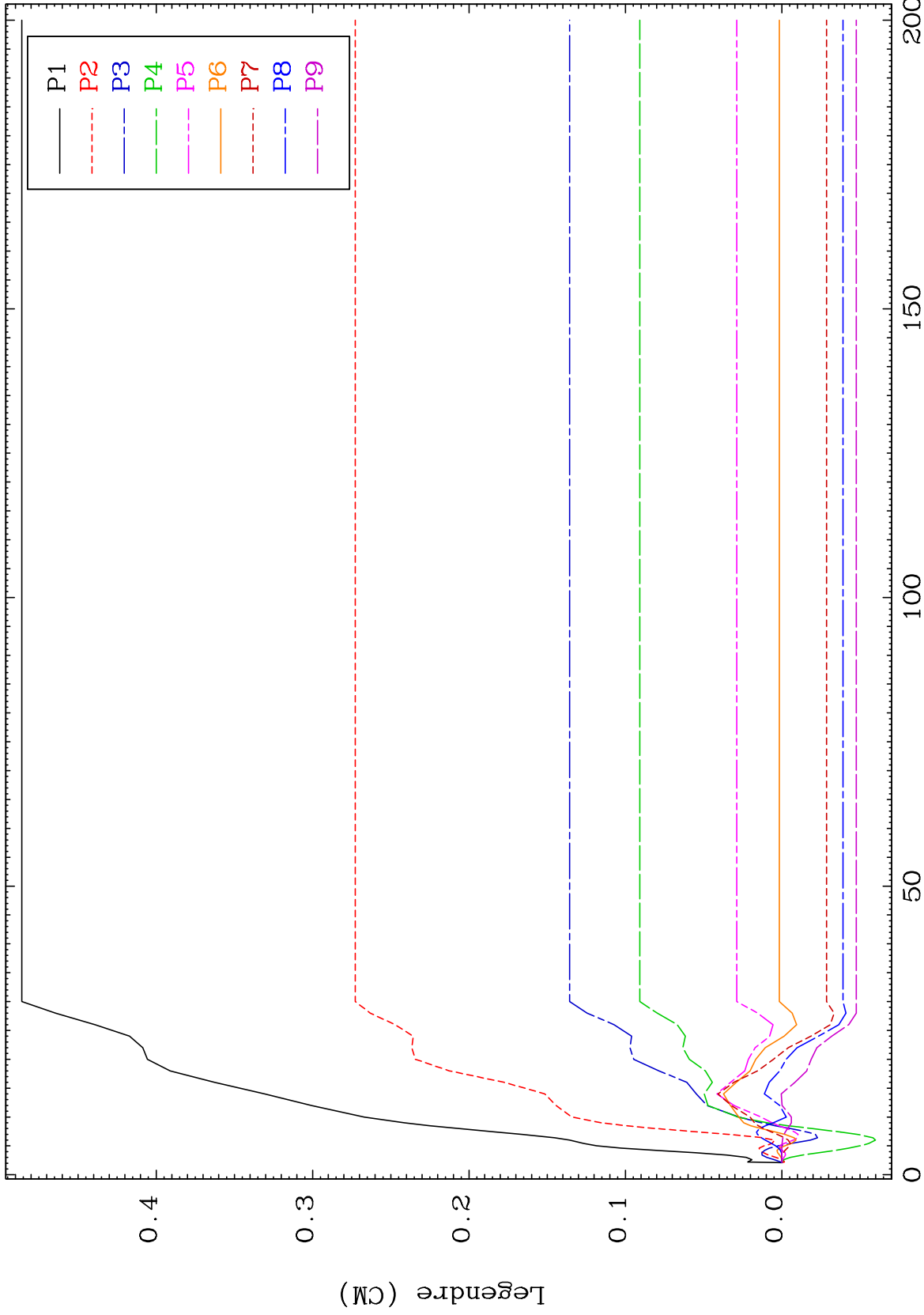
76

49-In-125

MAT 4961

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

49-In-125



77

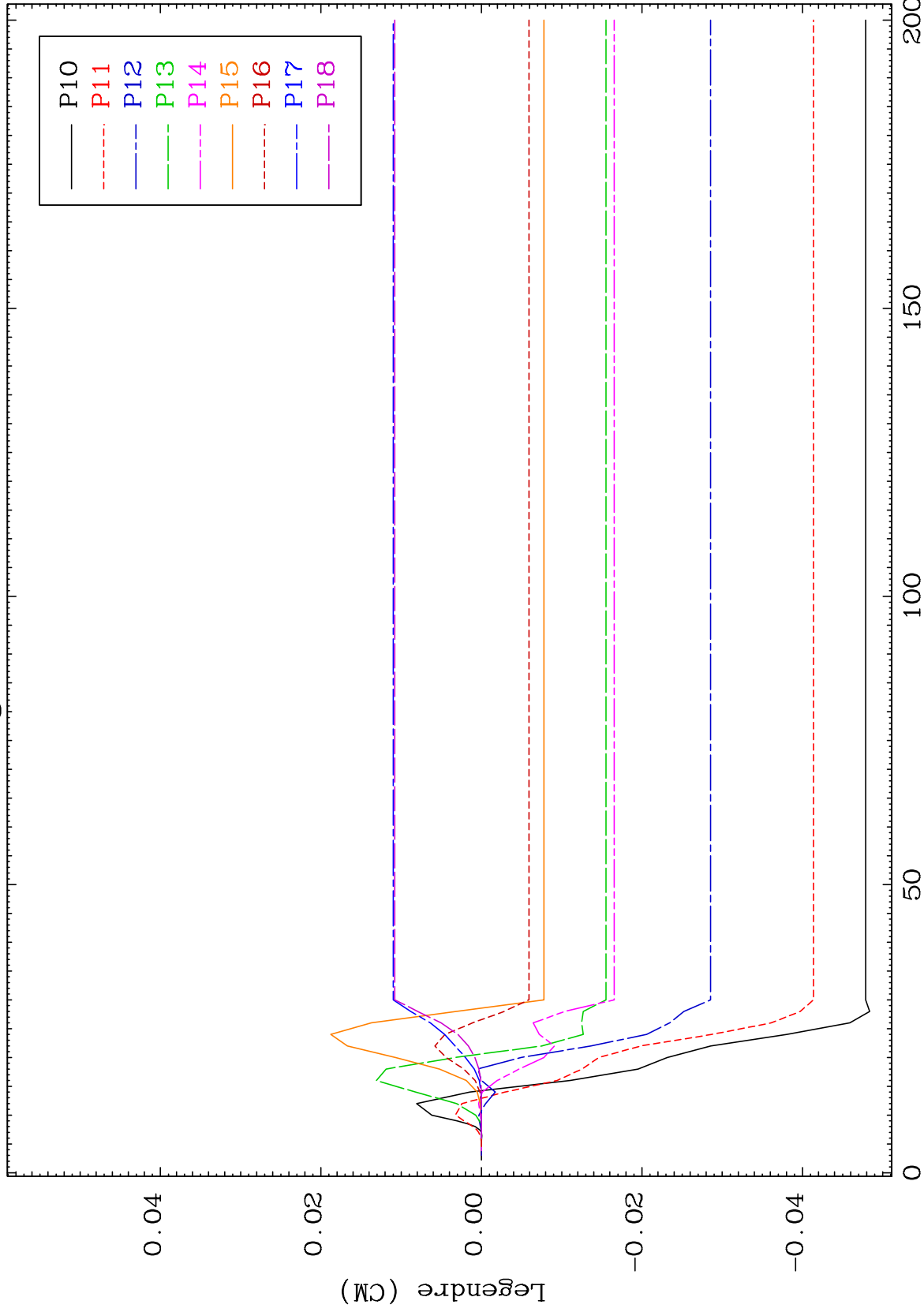
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



78

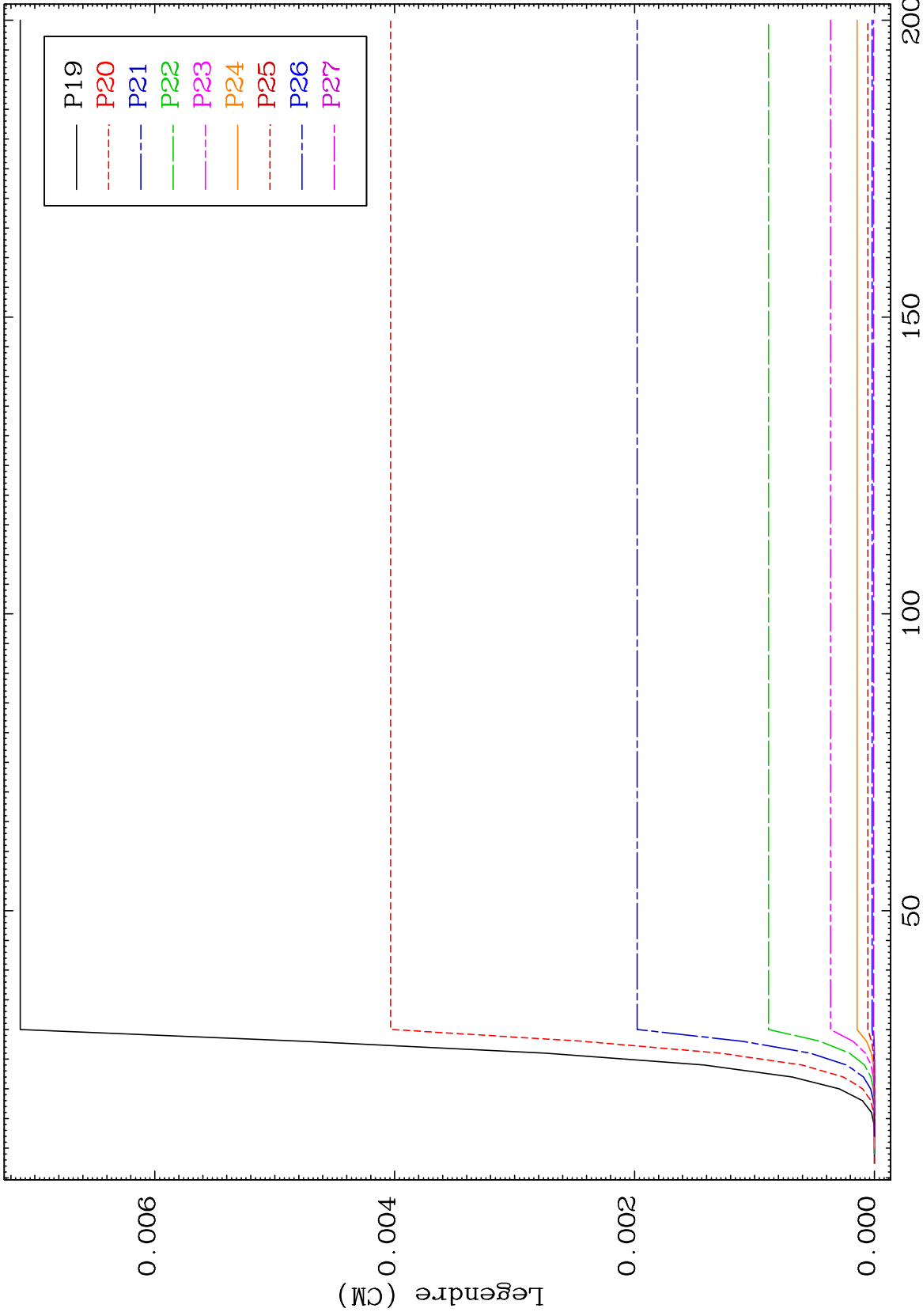
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



79

Incident Energy (MeV)

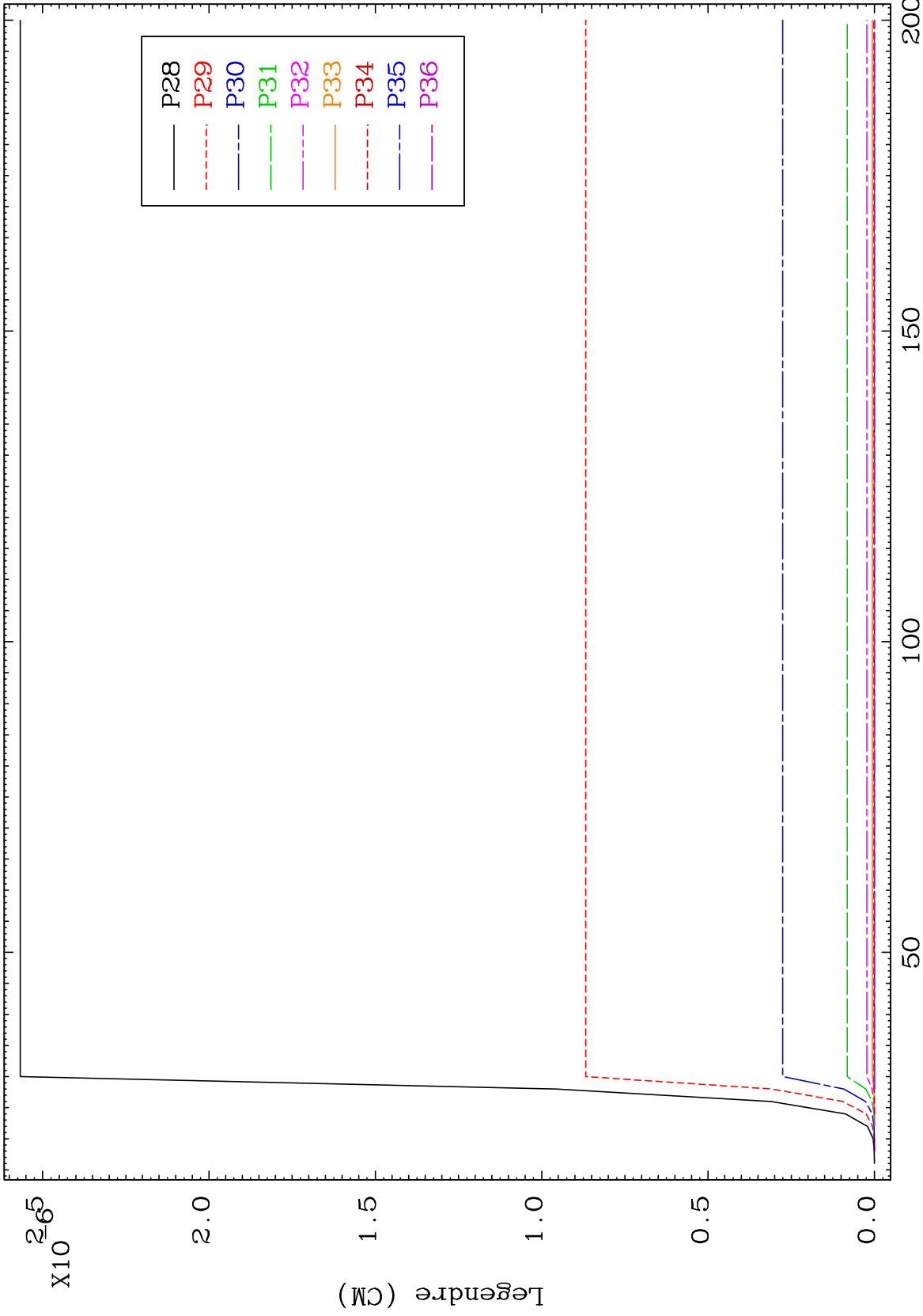
49-In-125



MAT 4961

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

49-In-125



80

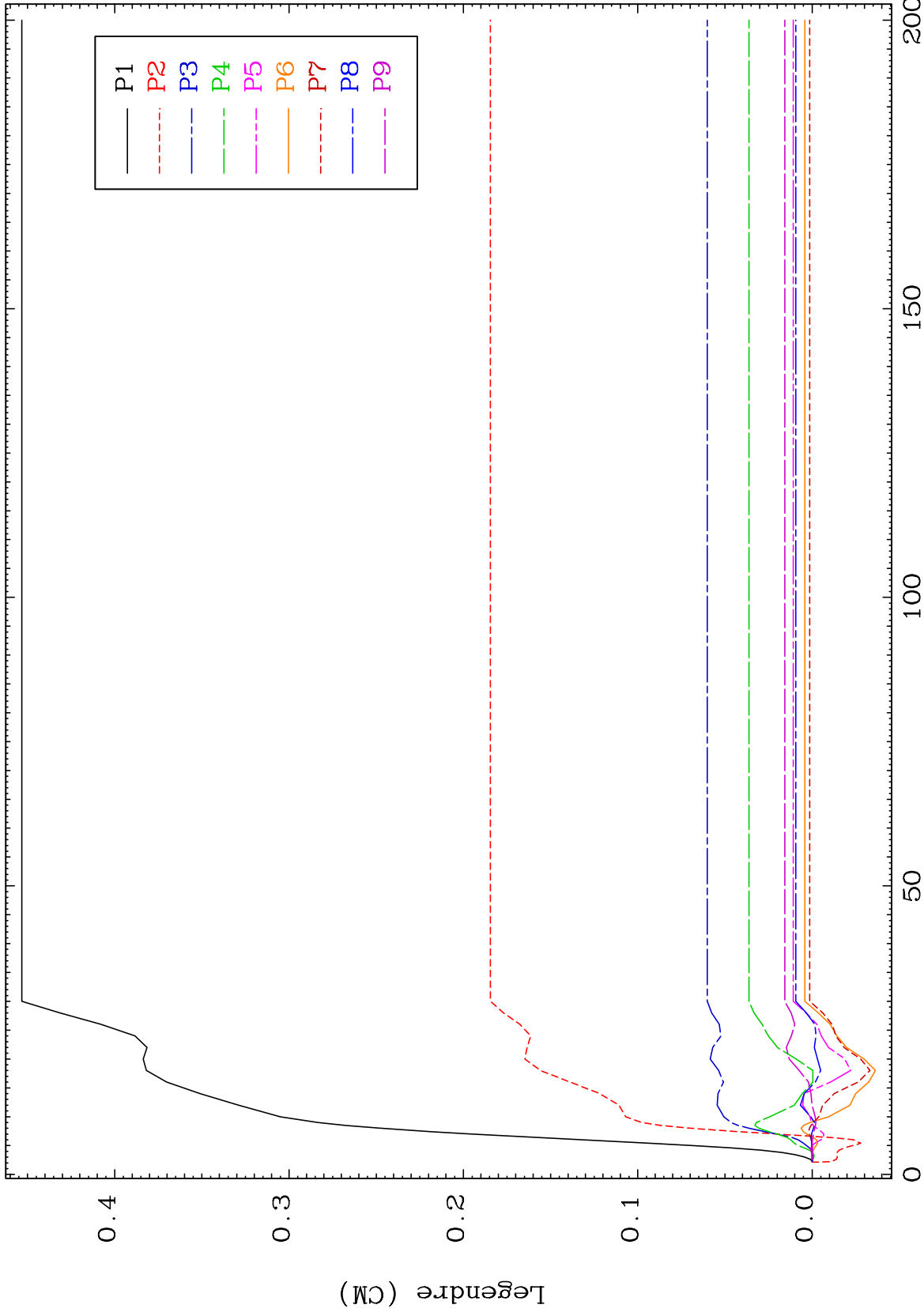
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



81

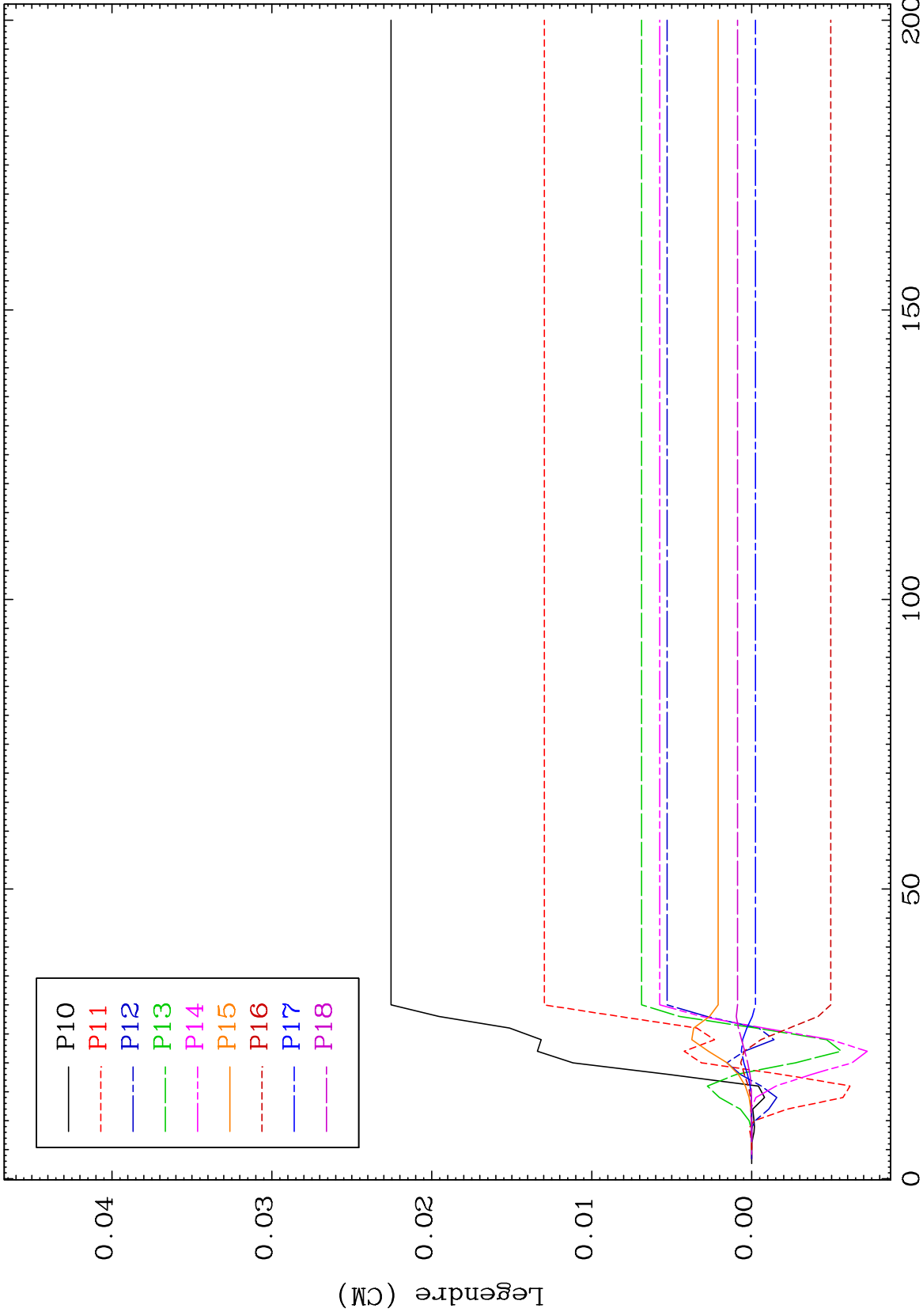
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



82

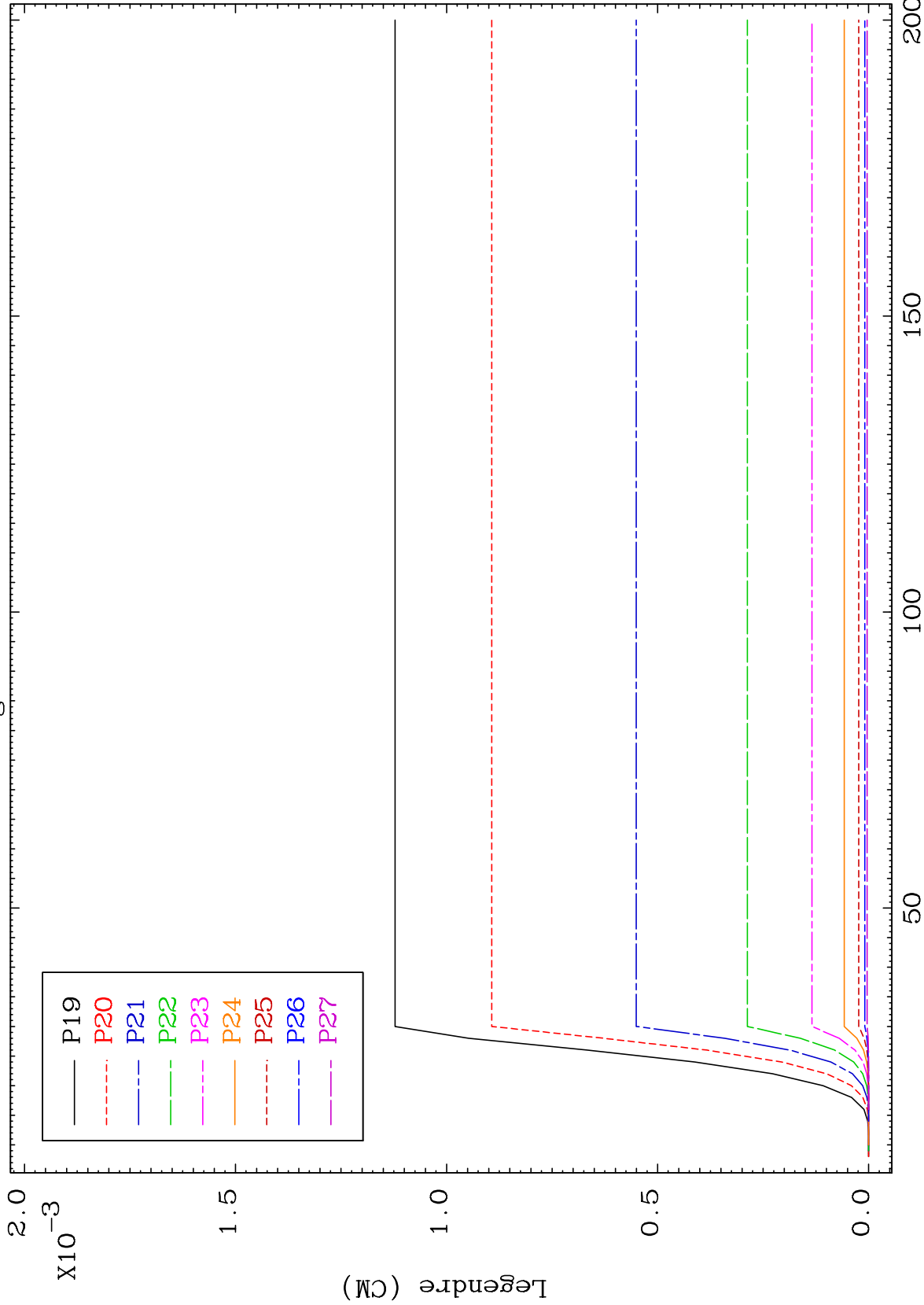
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



83

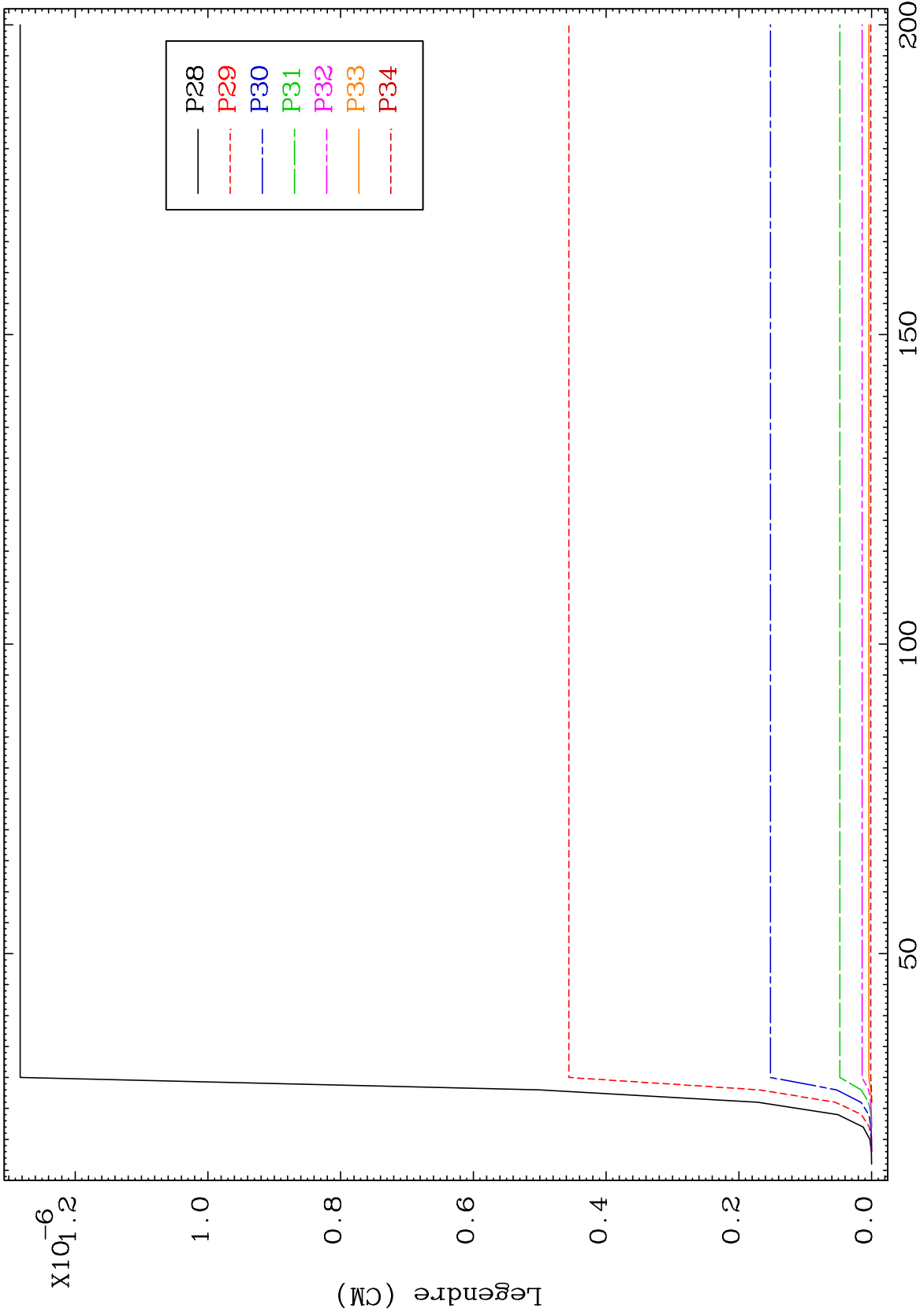
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



84

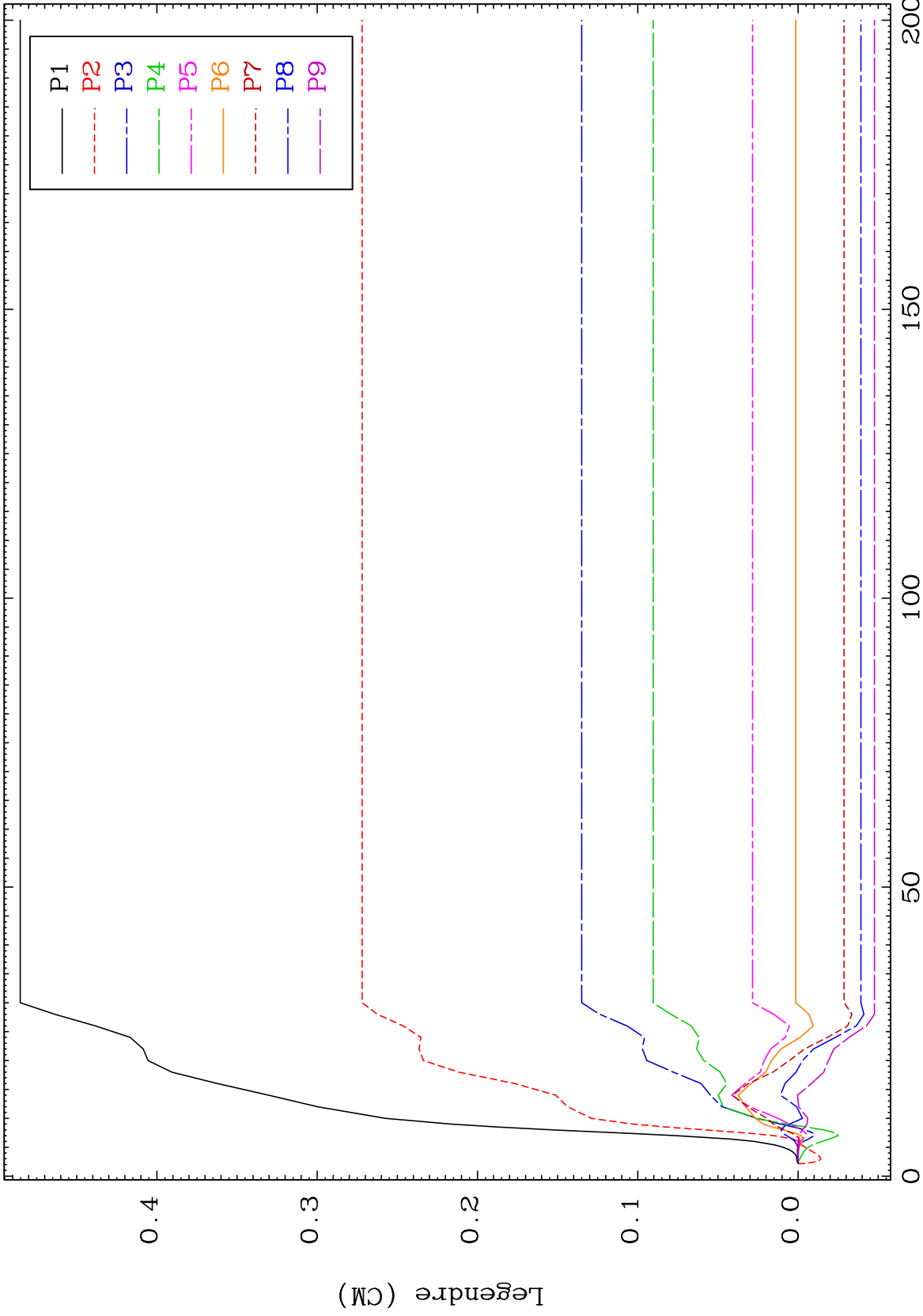
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



85

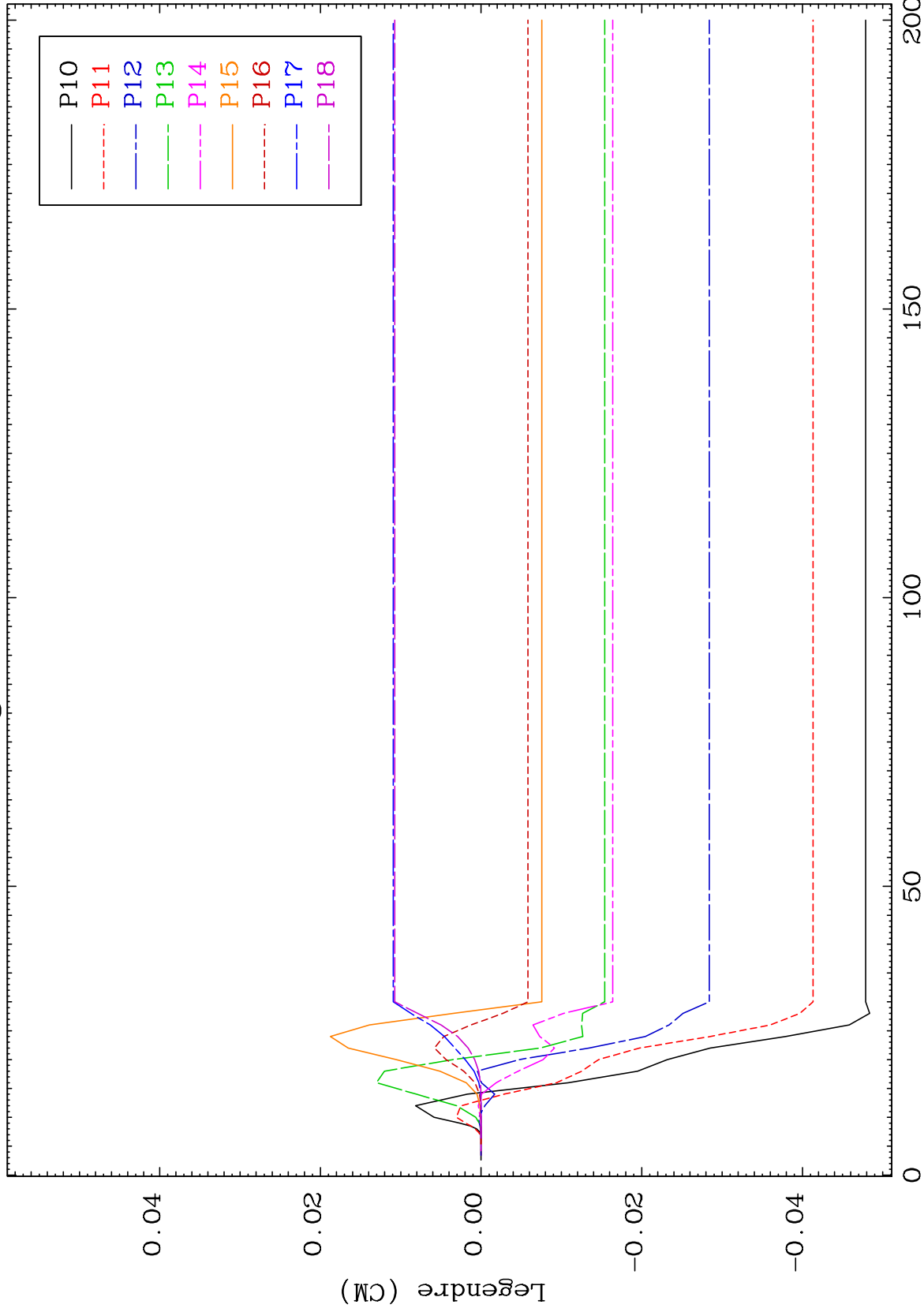
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



86

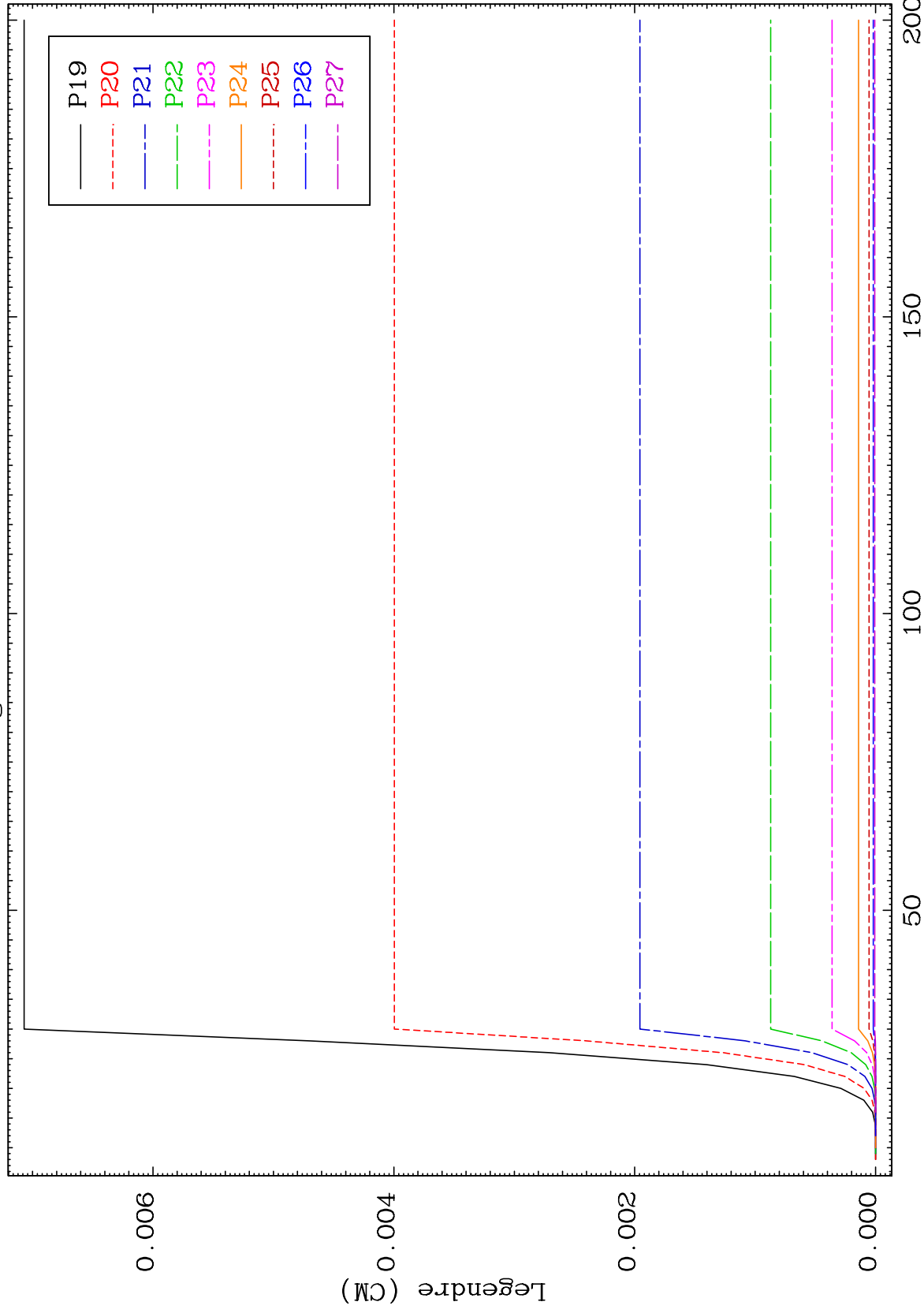
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



87

Incident Energy (MeV)

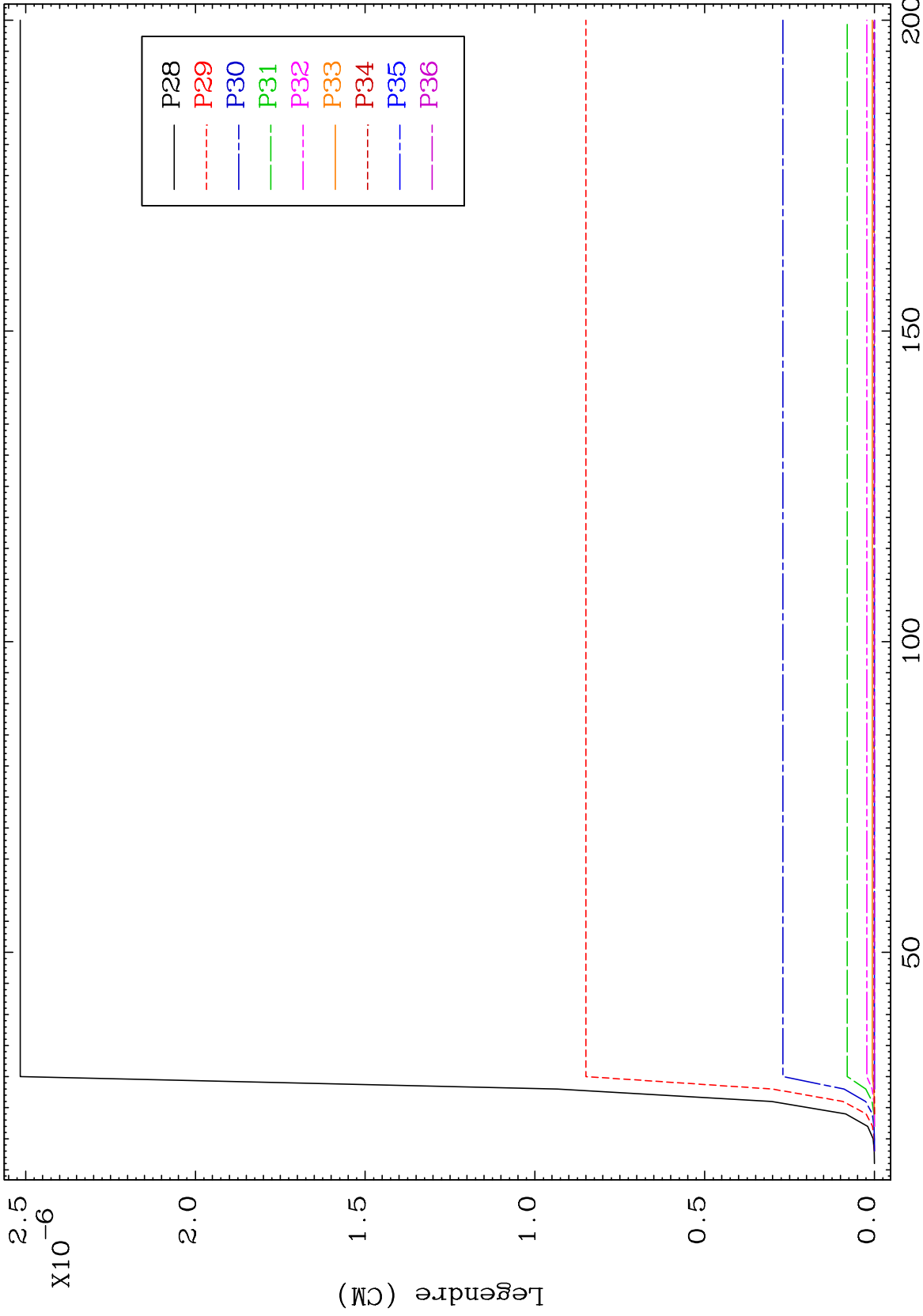
49-In-125



MAT 4961

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

49-In-125



88

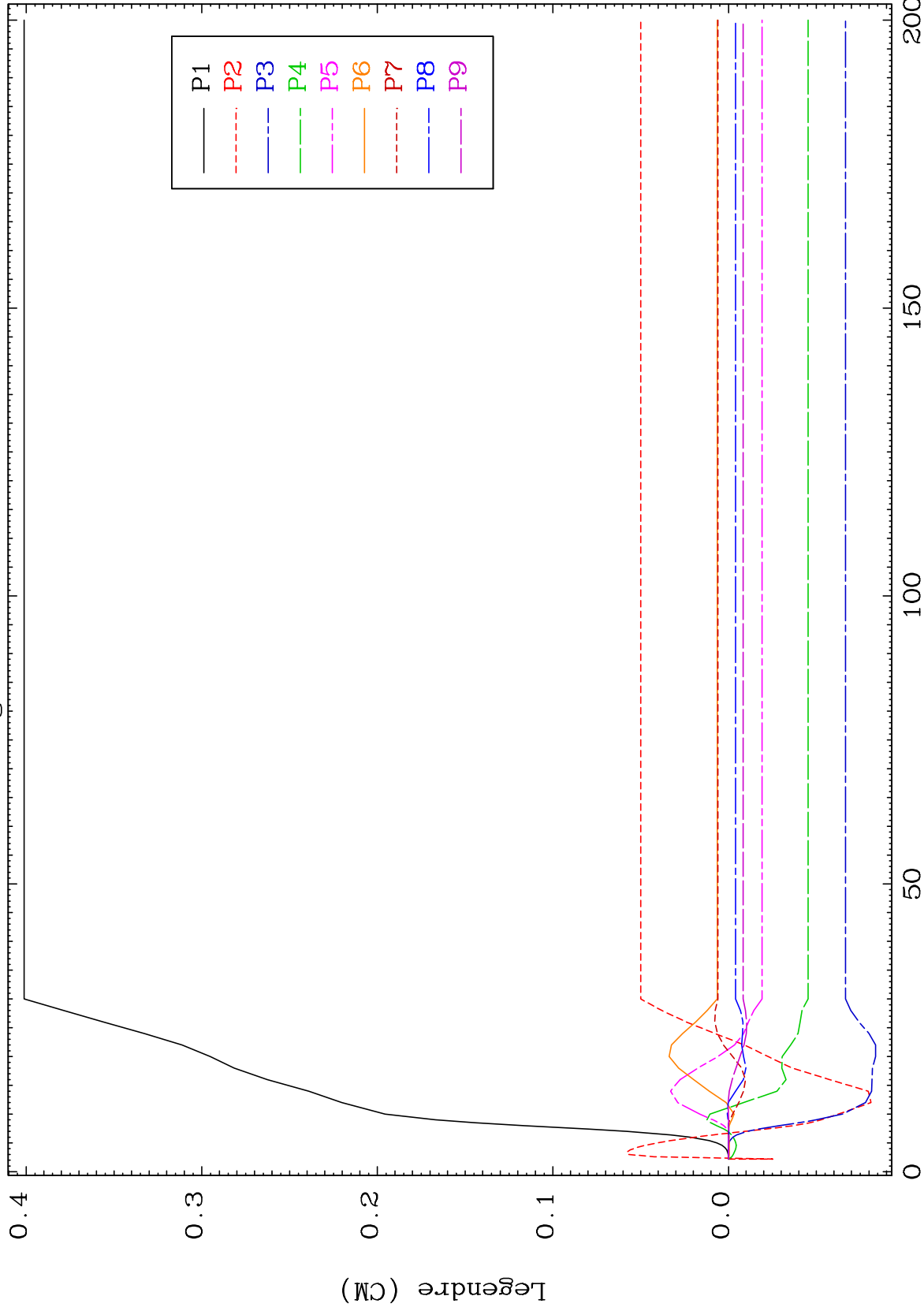
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



89

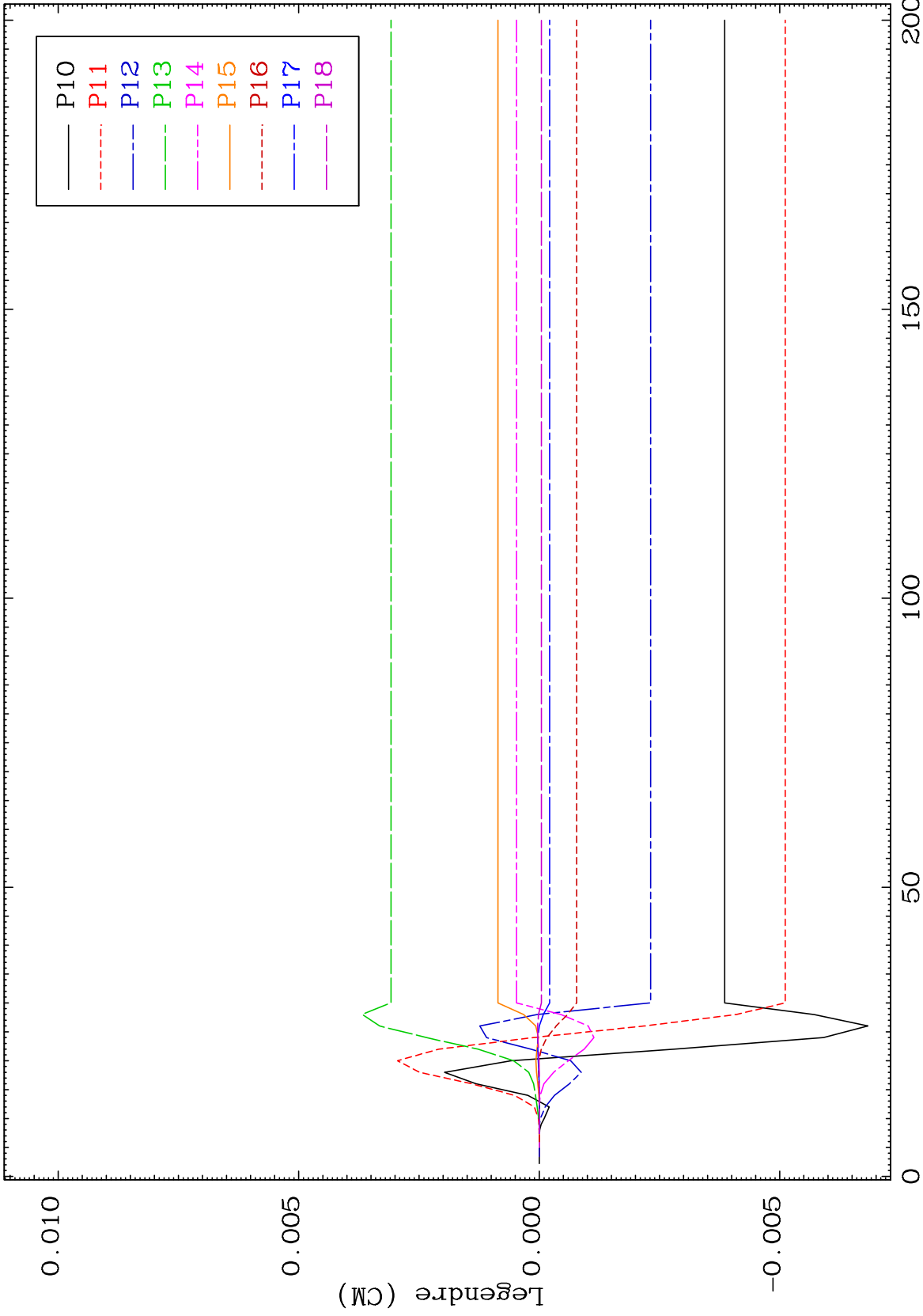
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



90

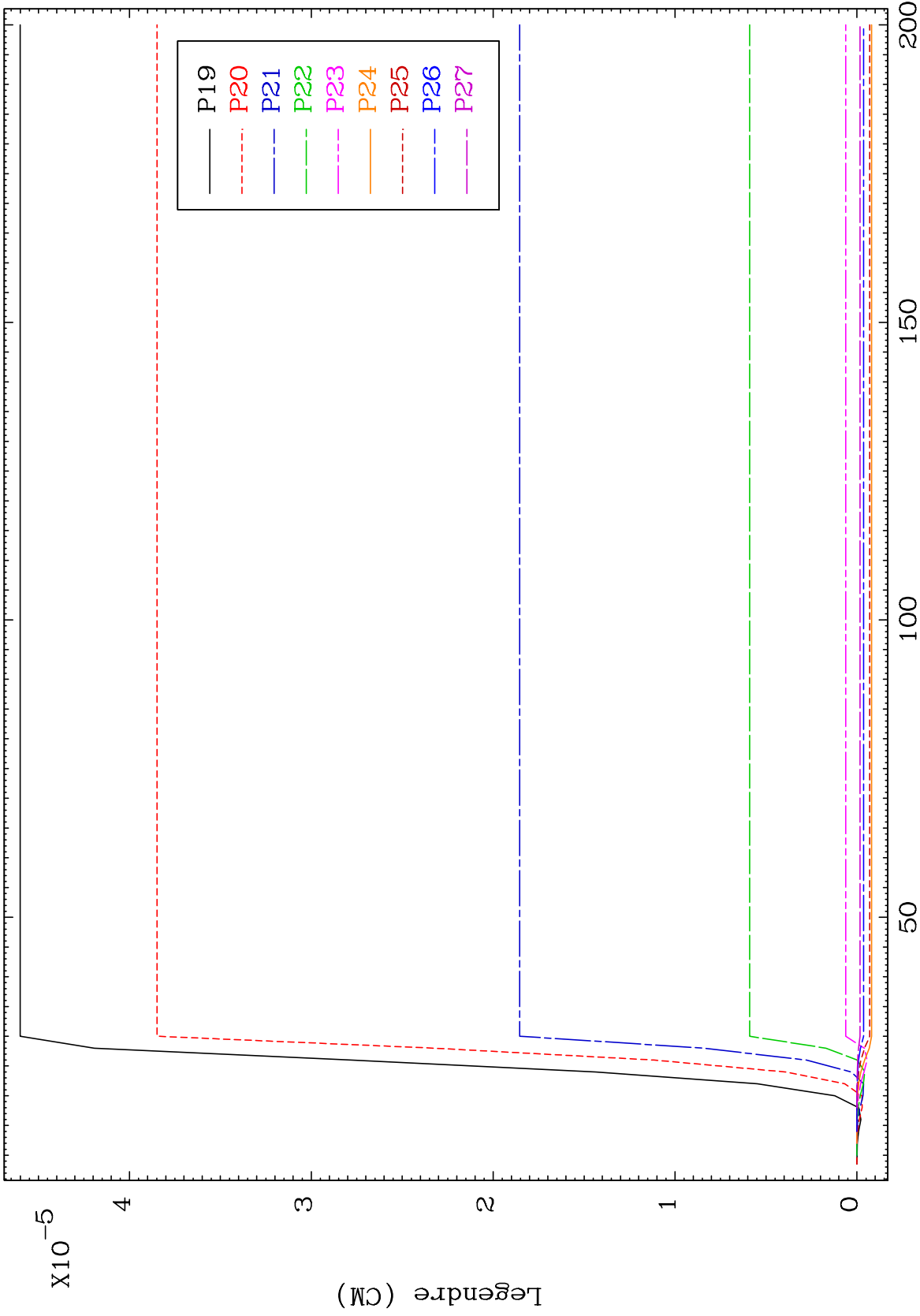
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125

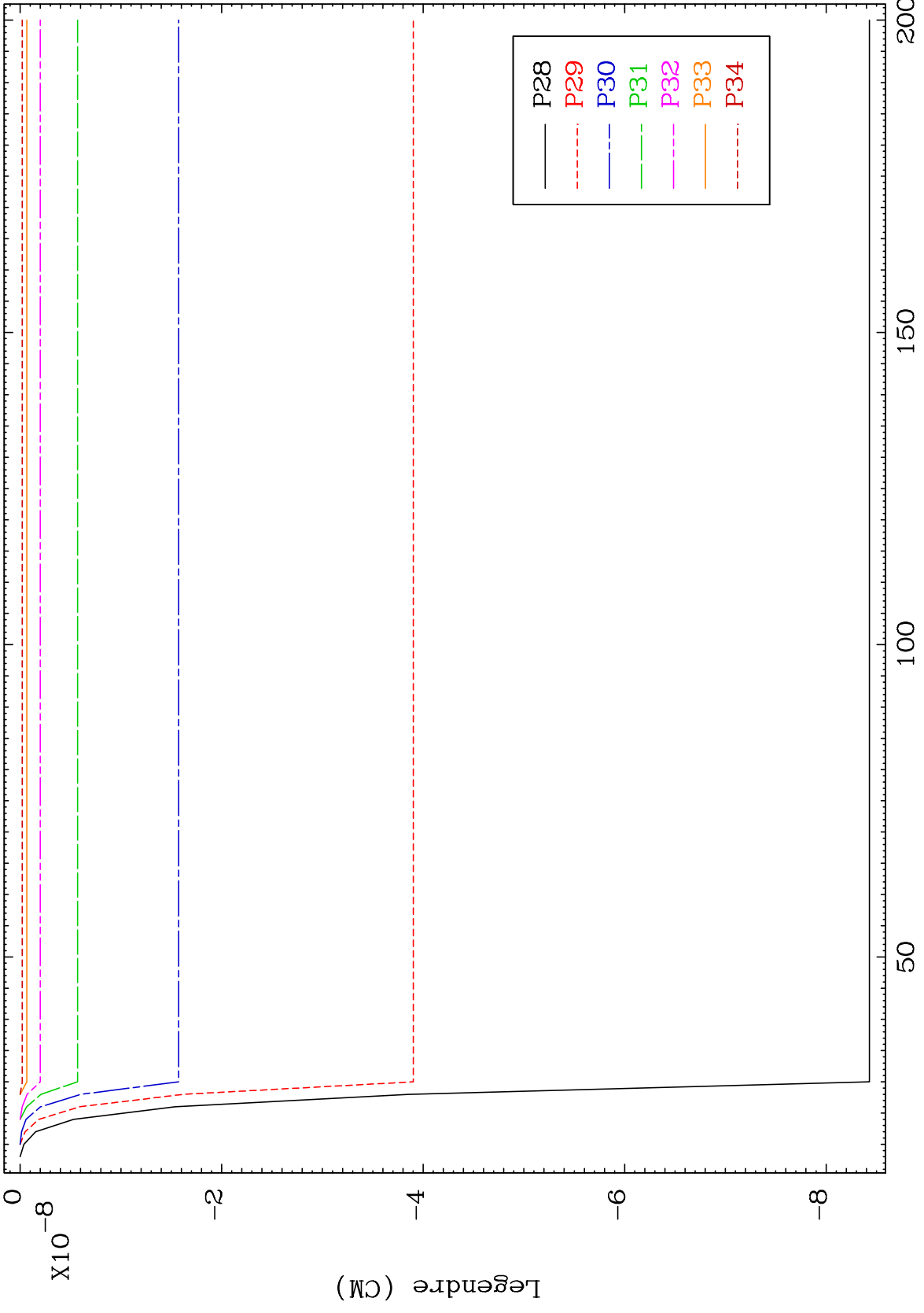


91

Incident Energy (MeV)

49-In-125

MAT 4961 MT= 69 (n,n') Level Legendre Coefficients 49-In-125

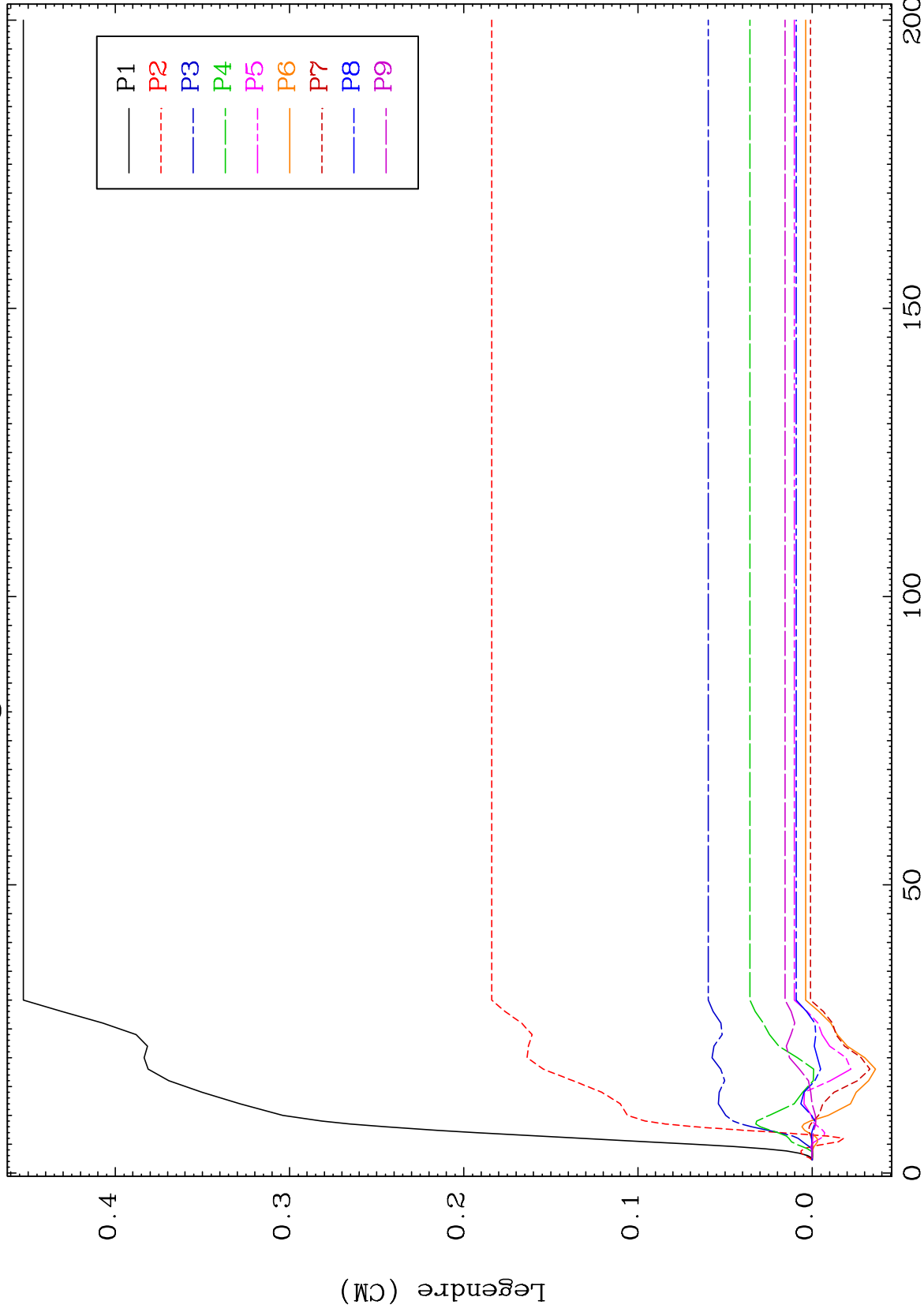


92 49-In-125

MAT 4961

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

49-In-125



93

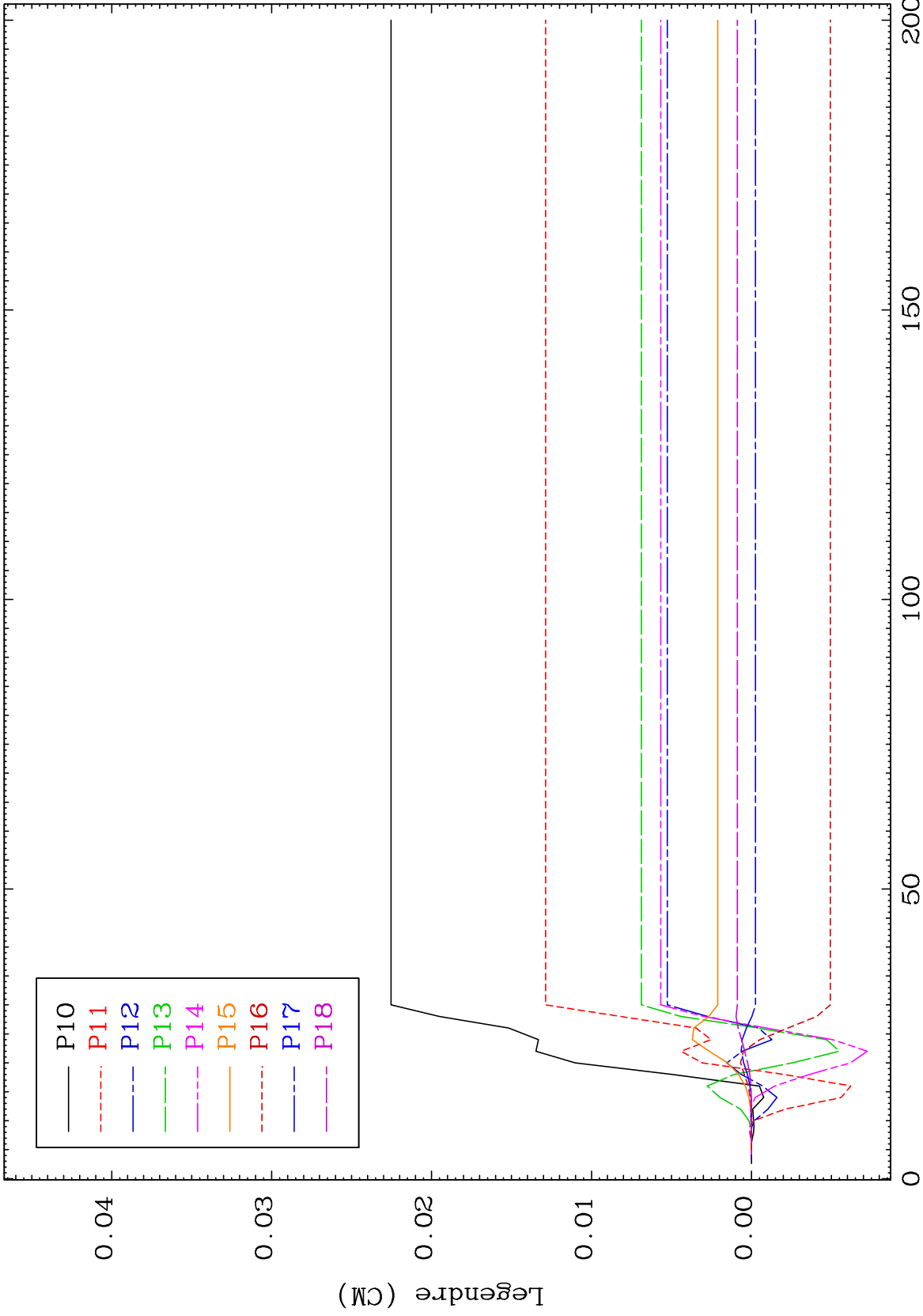
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



94

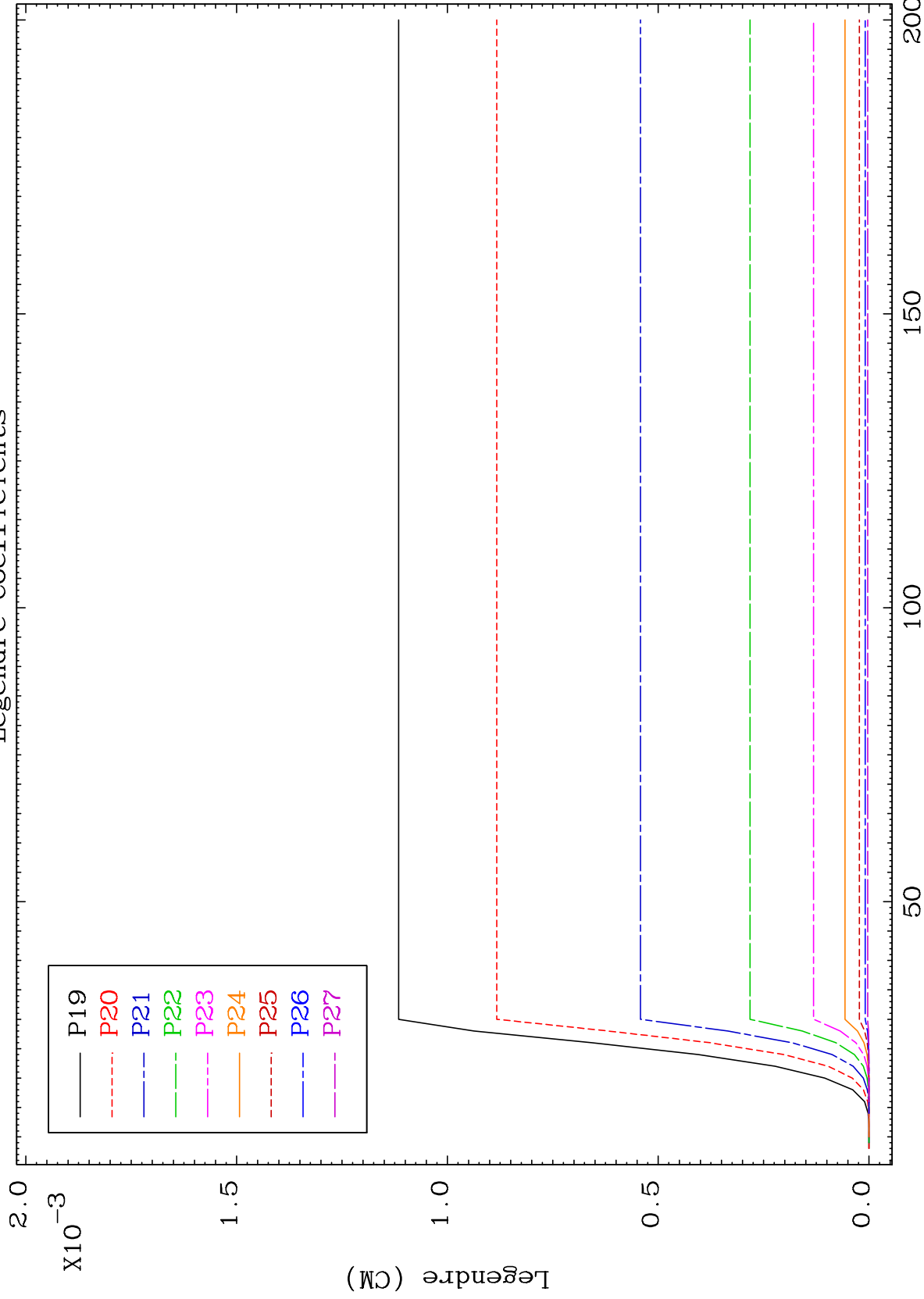
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



95

Incident Energy (MeV)

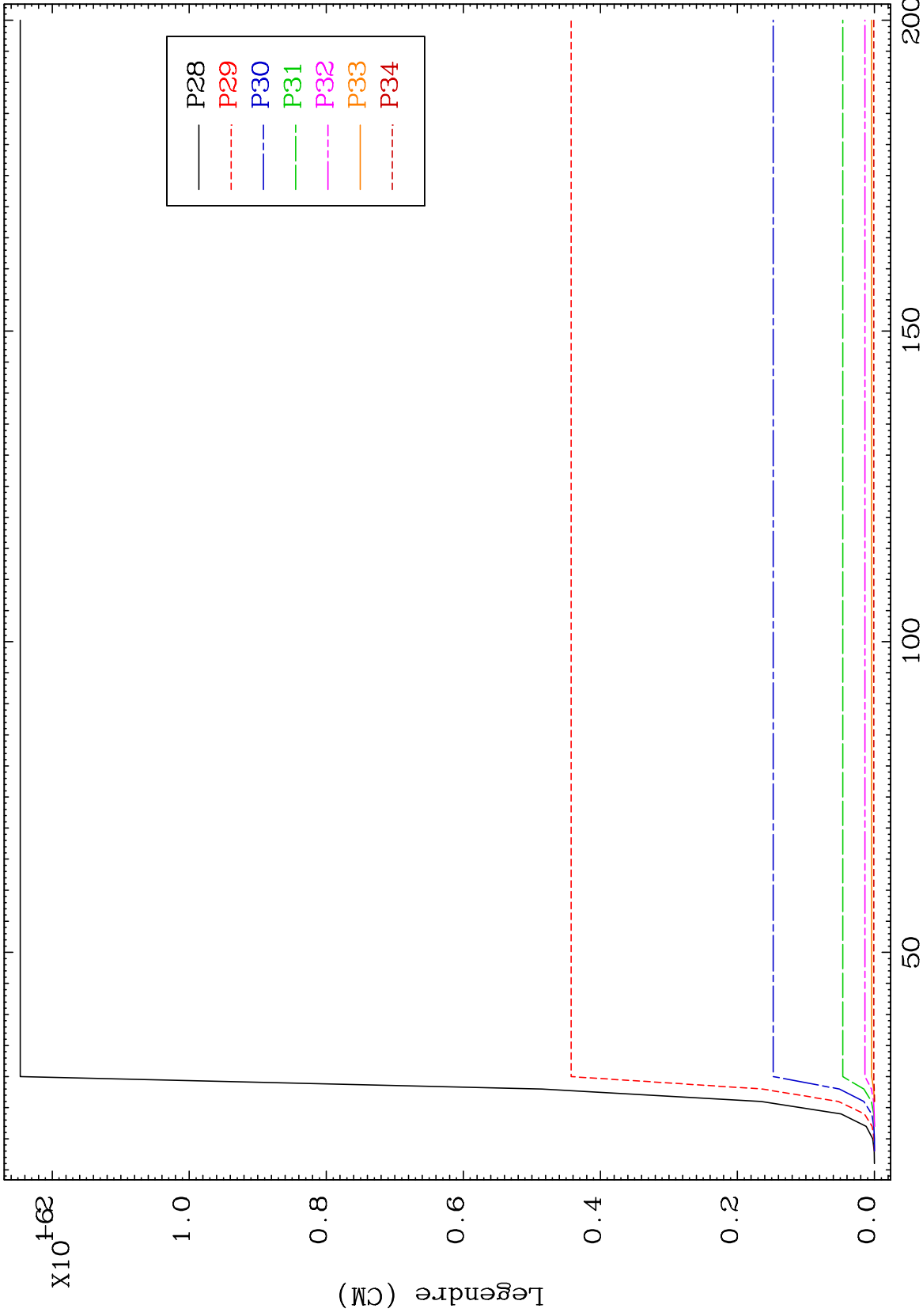
49-In-125



MAT 4961

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

49-In-125



96

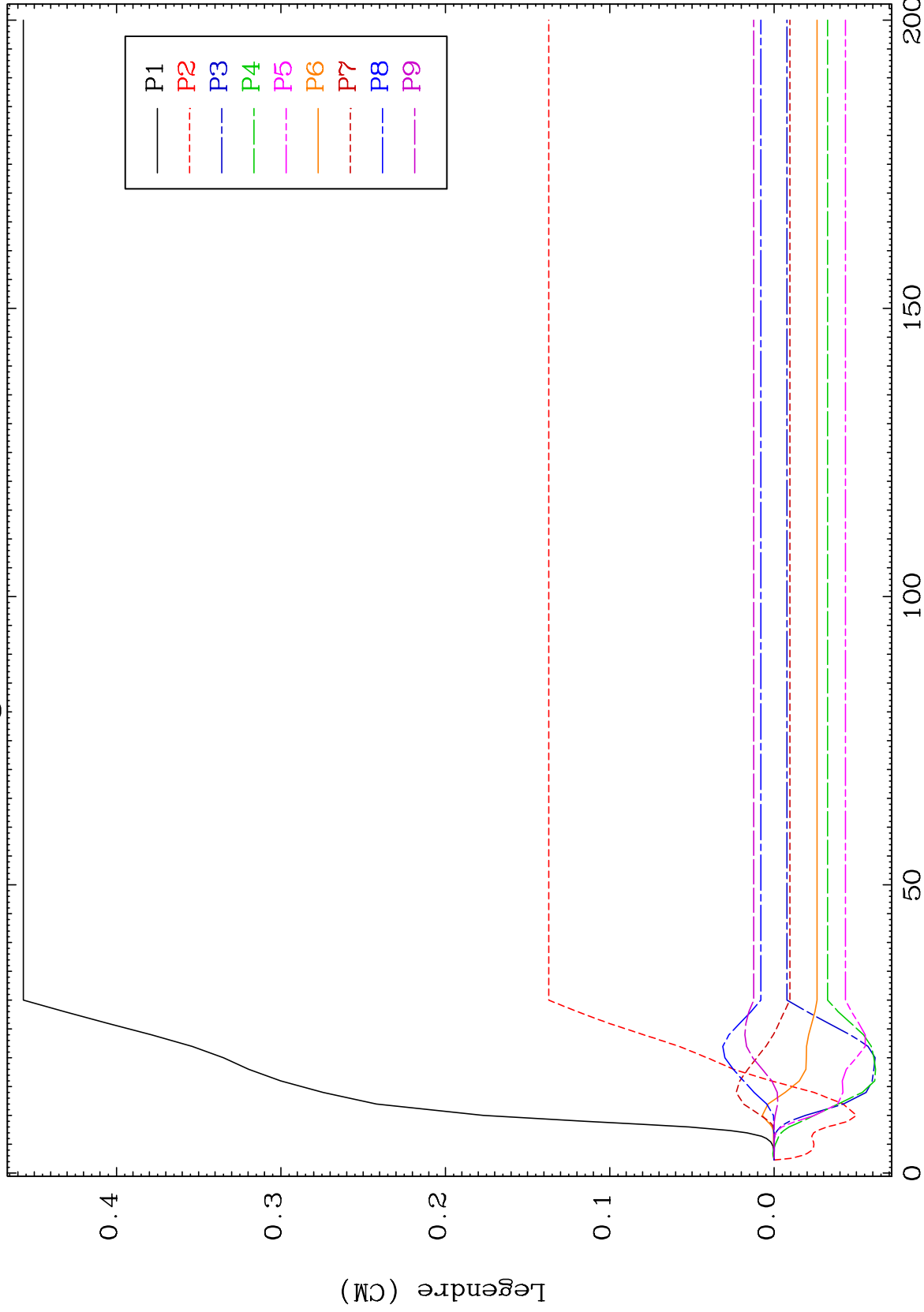
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



97

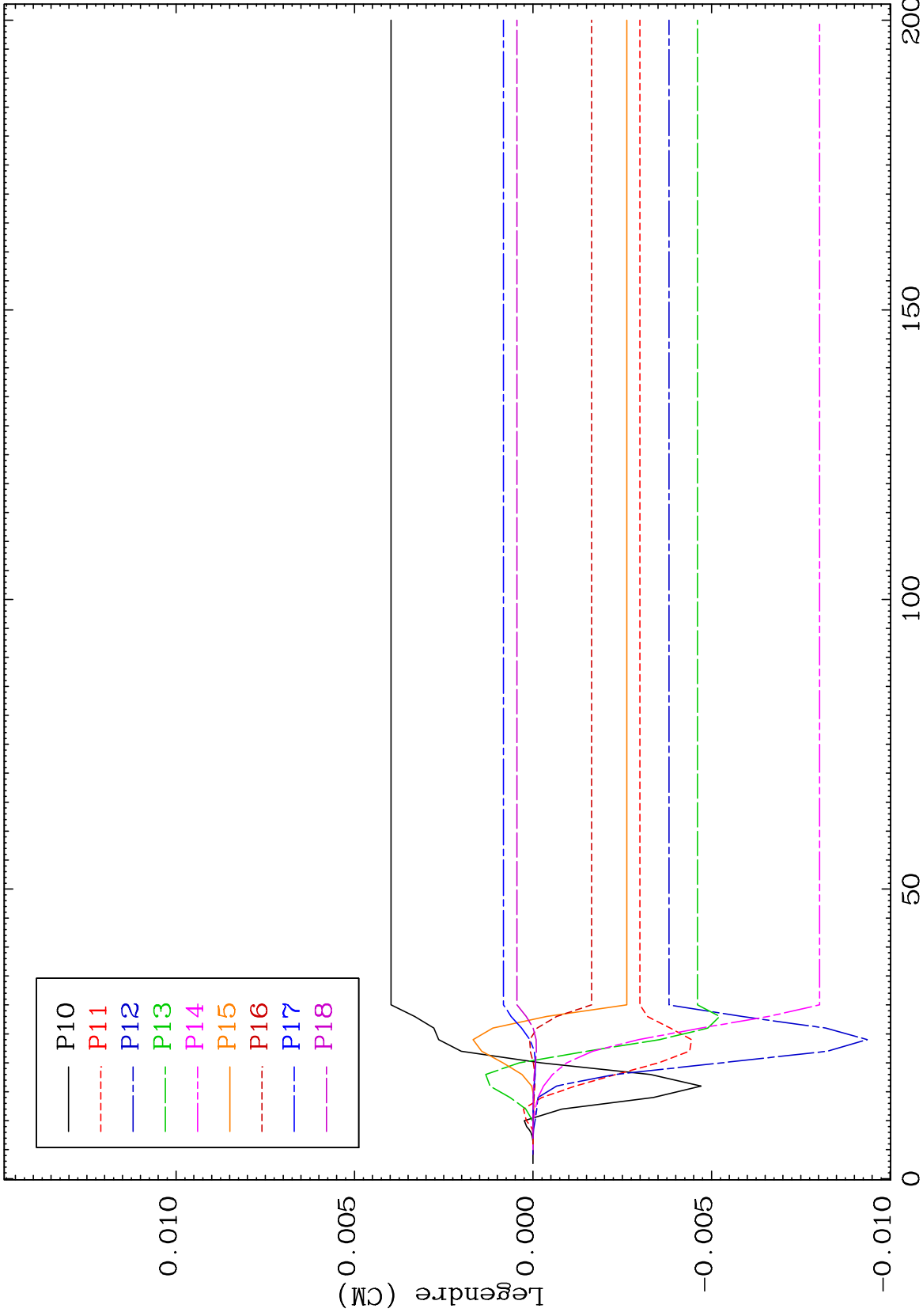
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



98

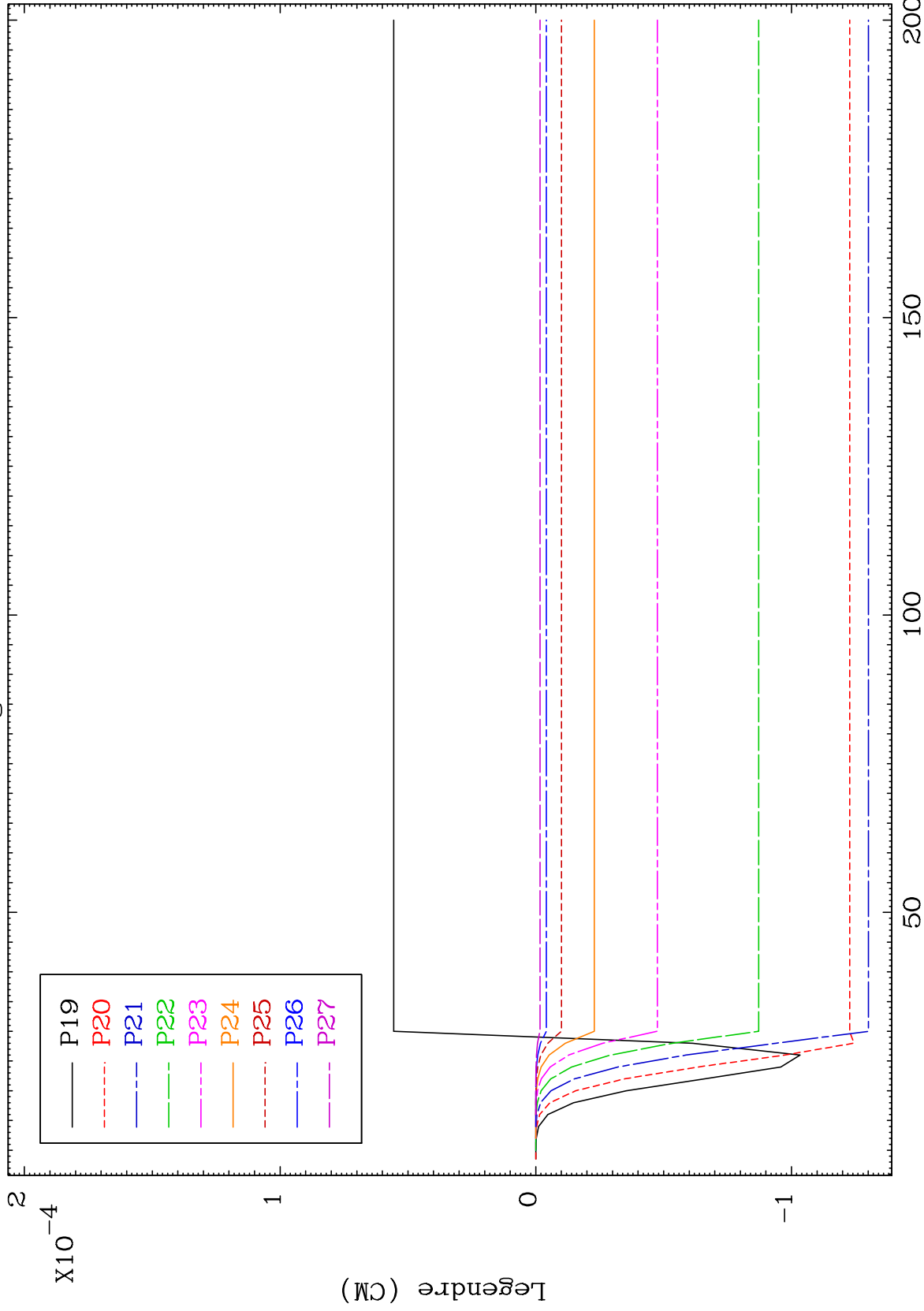
Incident Energy (MeV)

49-In-125

MAT 4961

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

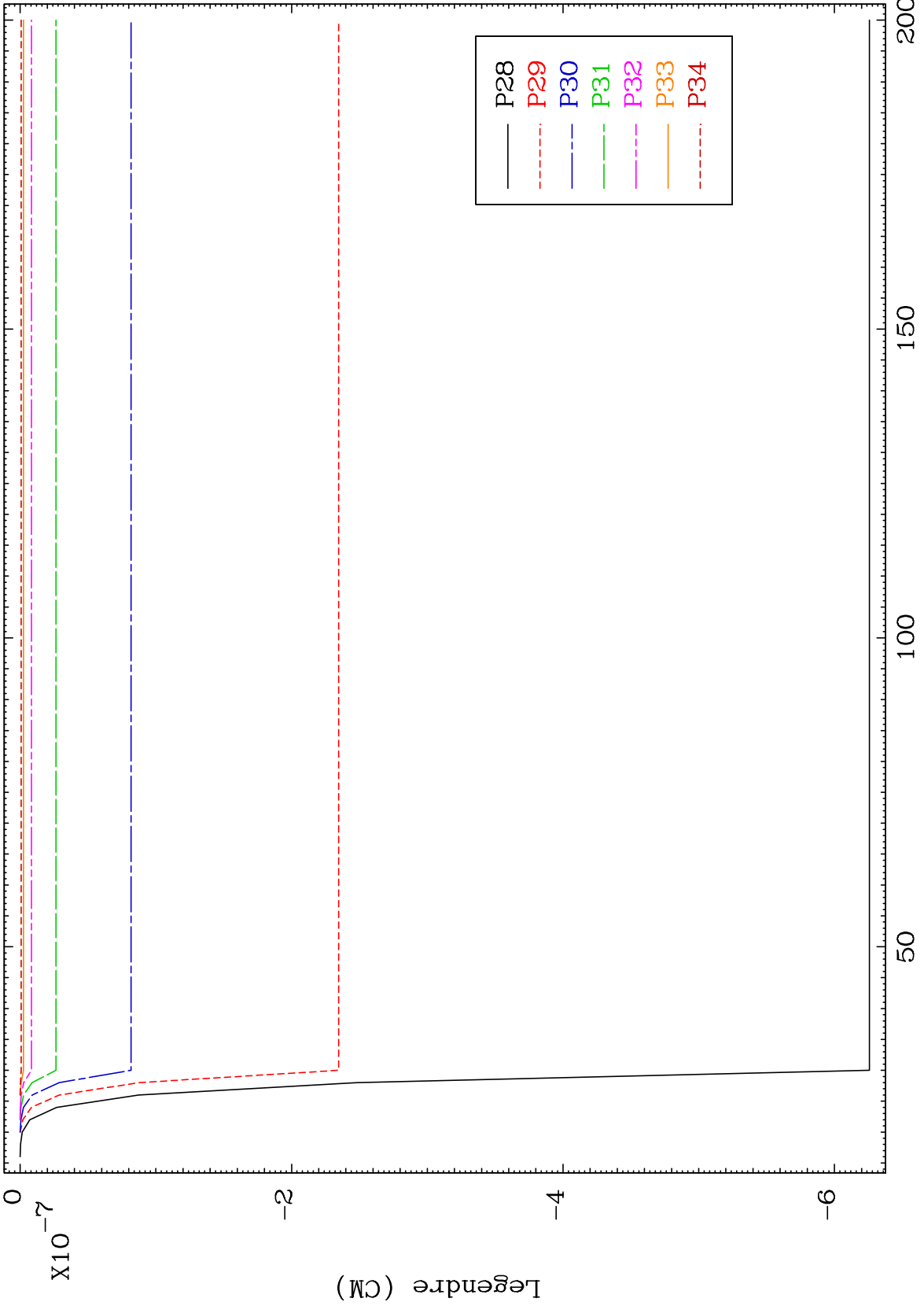
49-In-125



99

49-In-125

MAT 4961 MT= 71 (n,n') Level Legendre Coefficients 49-In-125

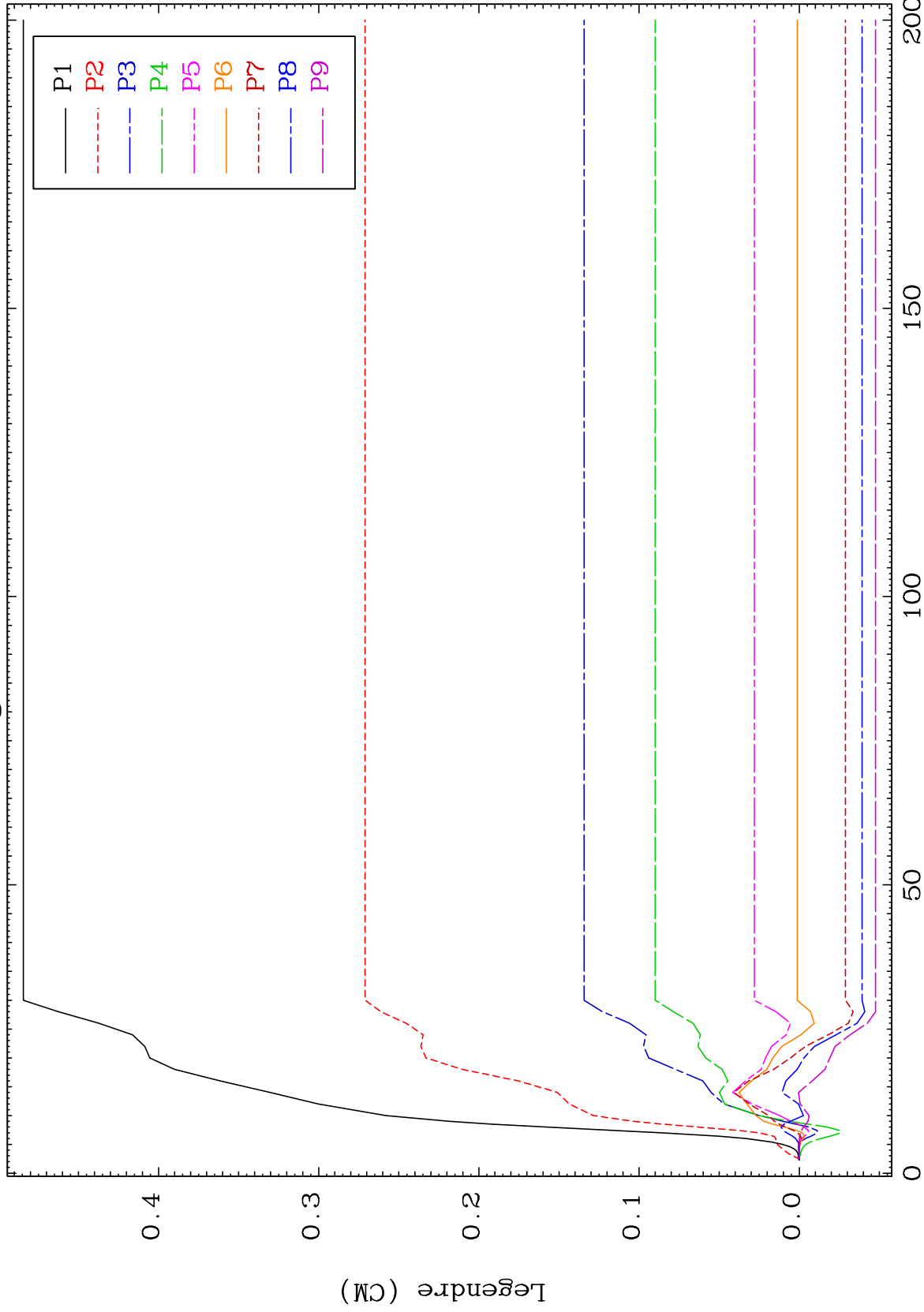


100 50 100 150 200 Incident Energy (MeV) 49-In-125

MAT 4961

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

49-In-125



101

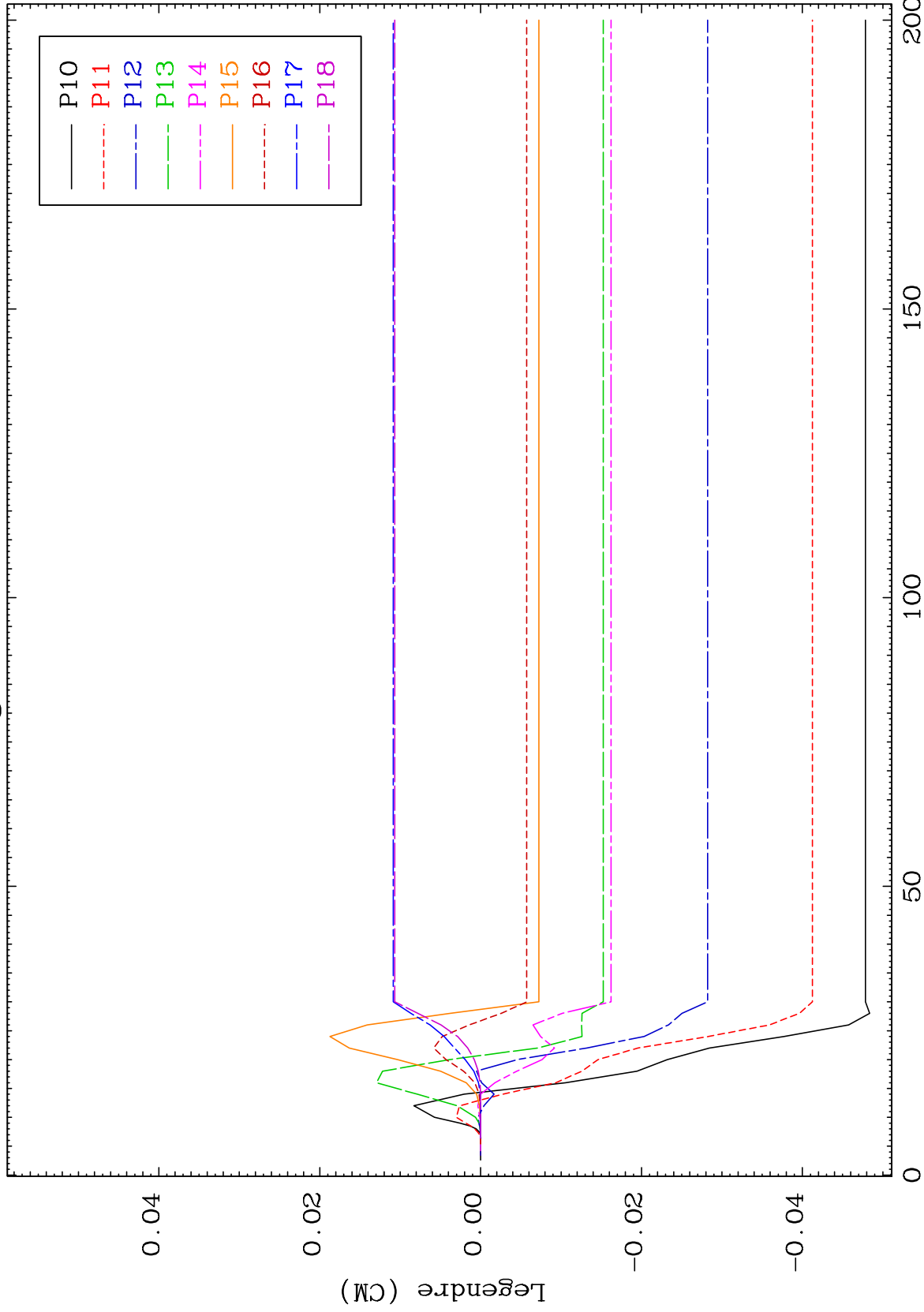
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



102

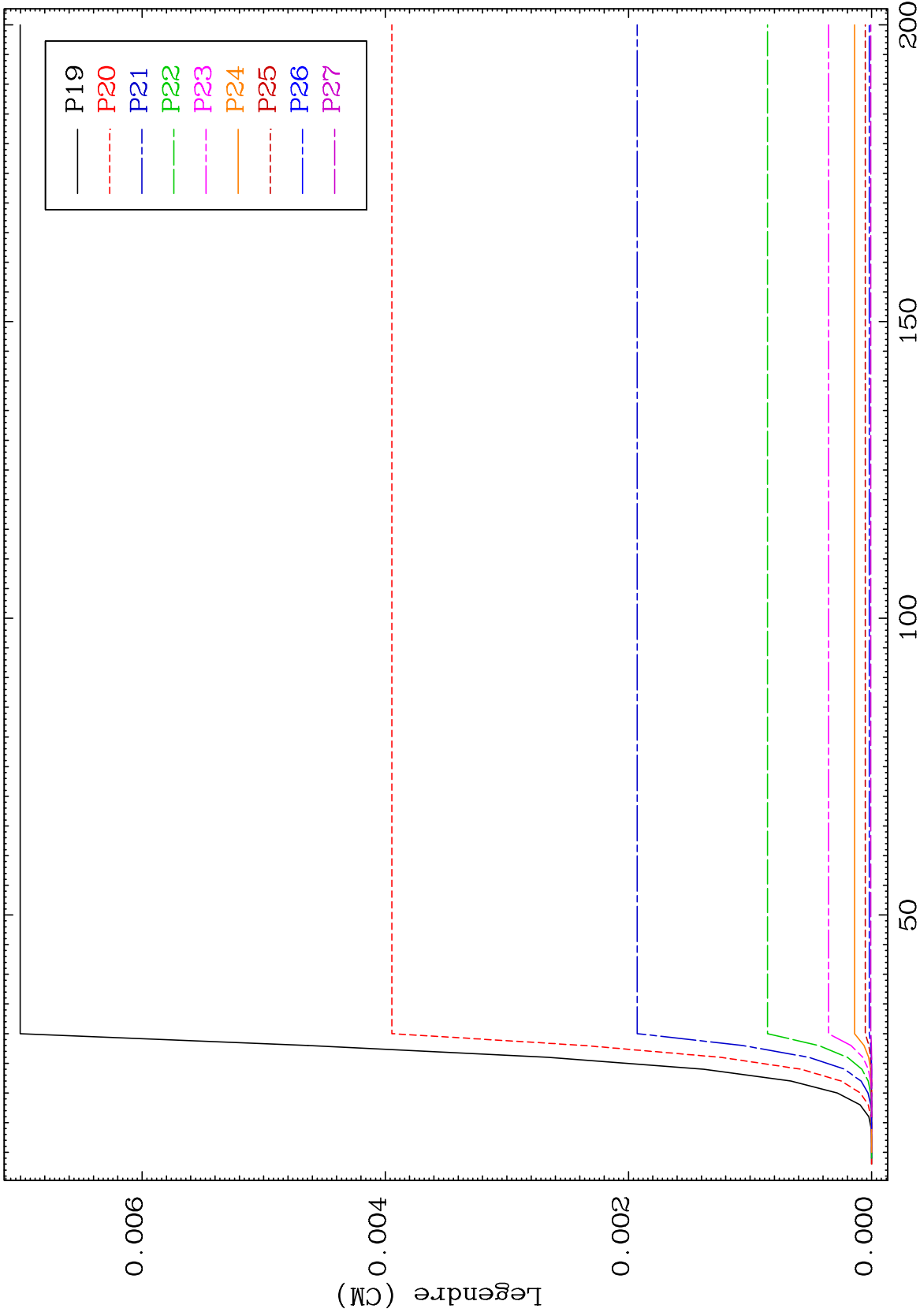
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



103

Incident Energy (MeV)

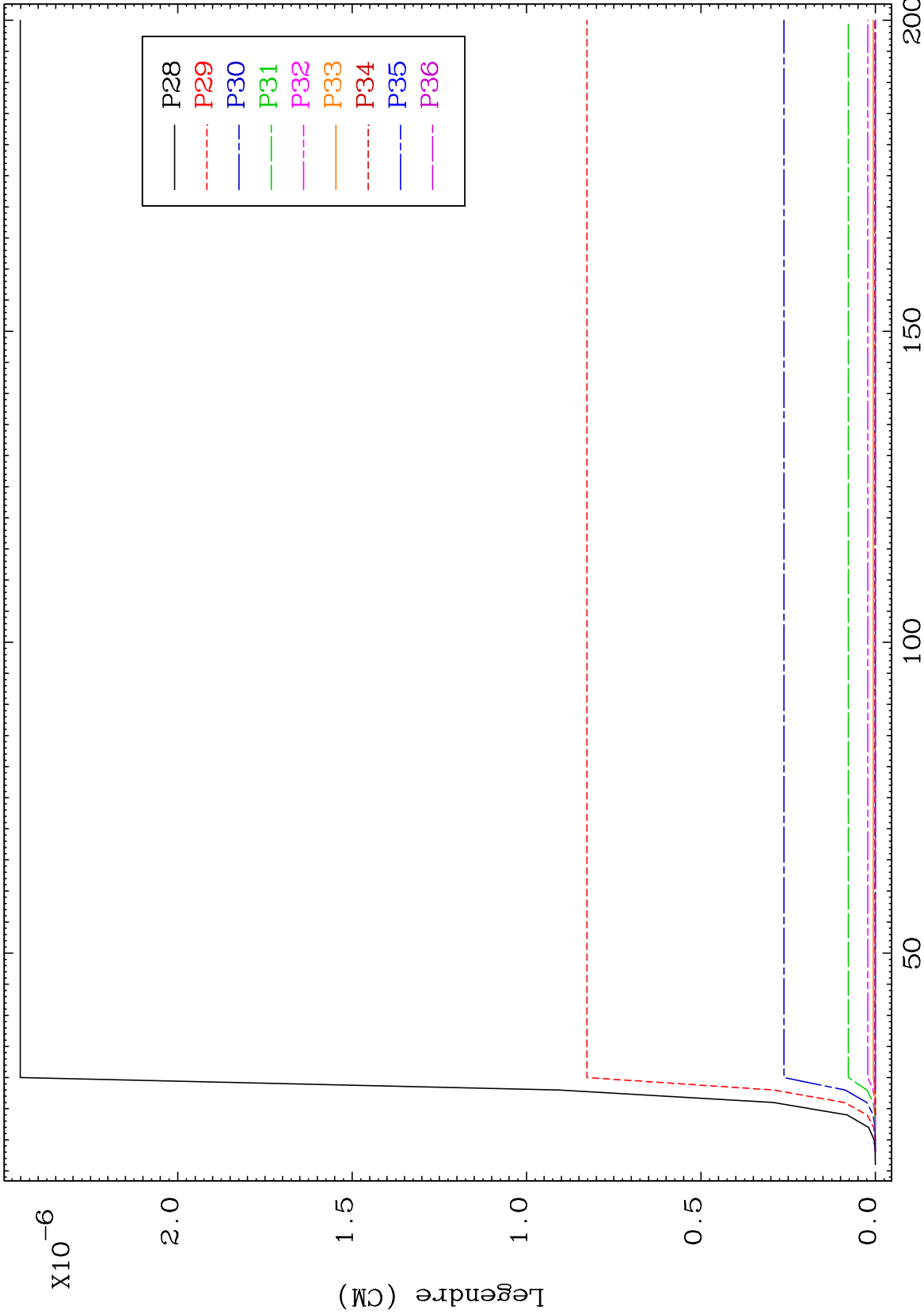
49-In-125



MAT 4961

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

49-In-125



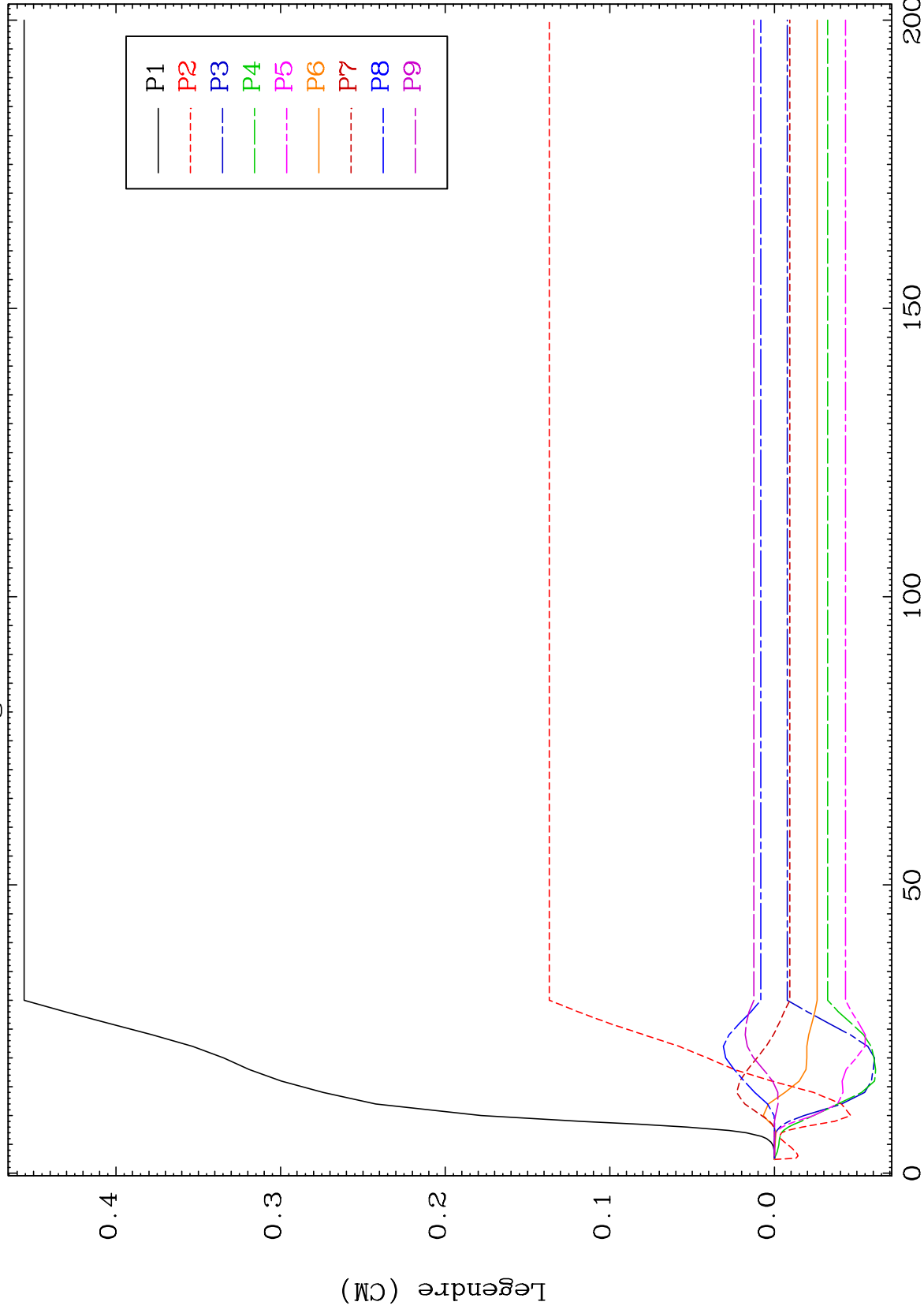
104

49-In-125

MAT 4961

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

49-In-125



105

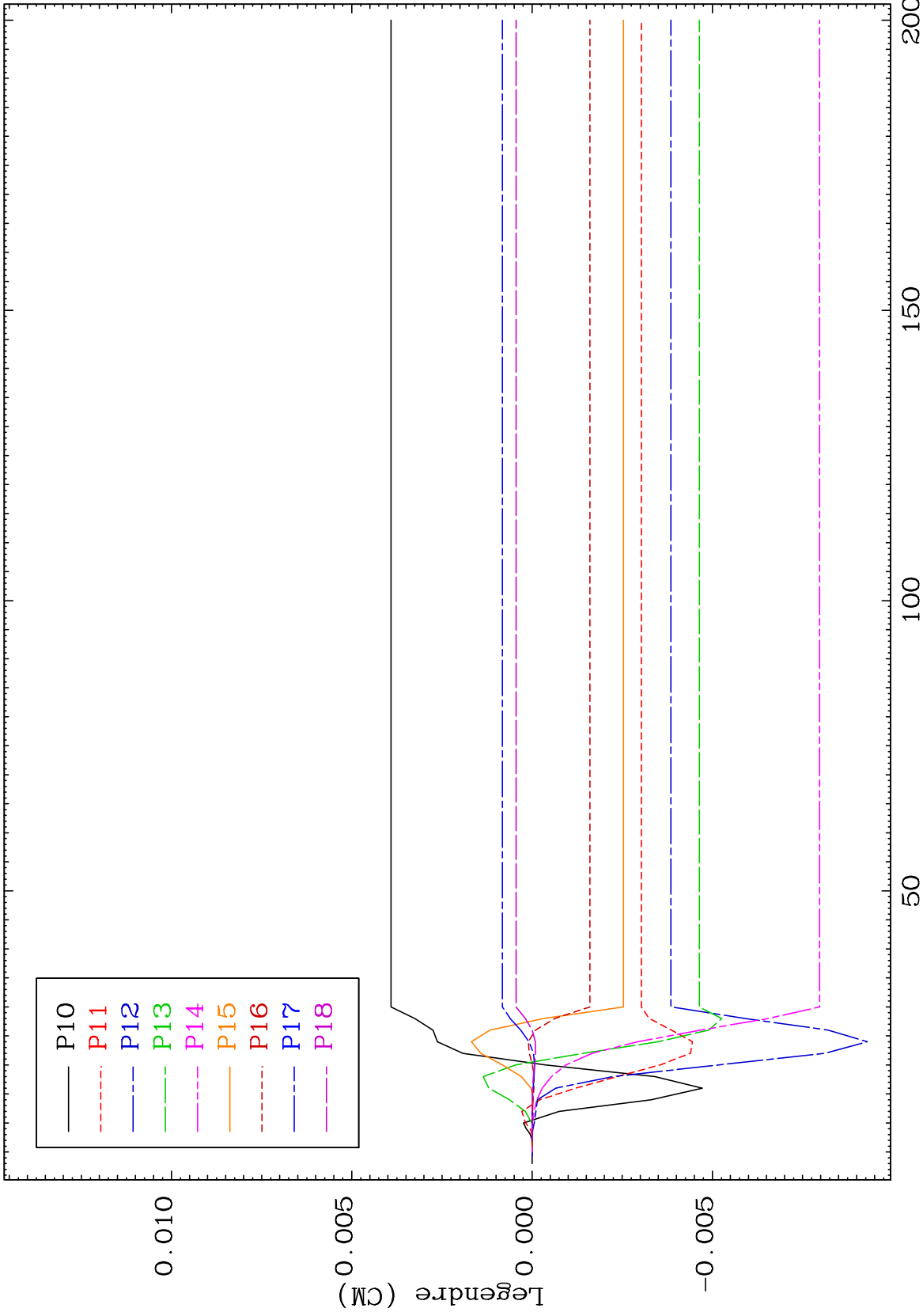
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



106

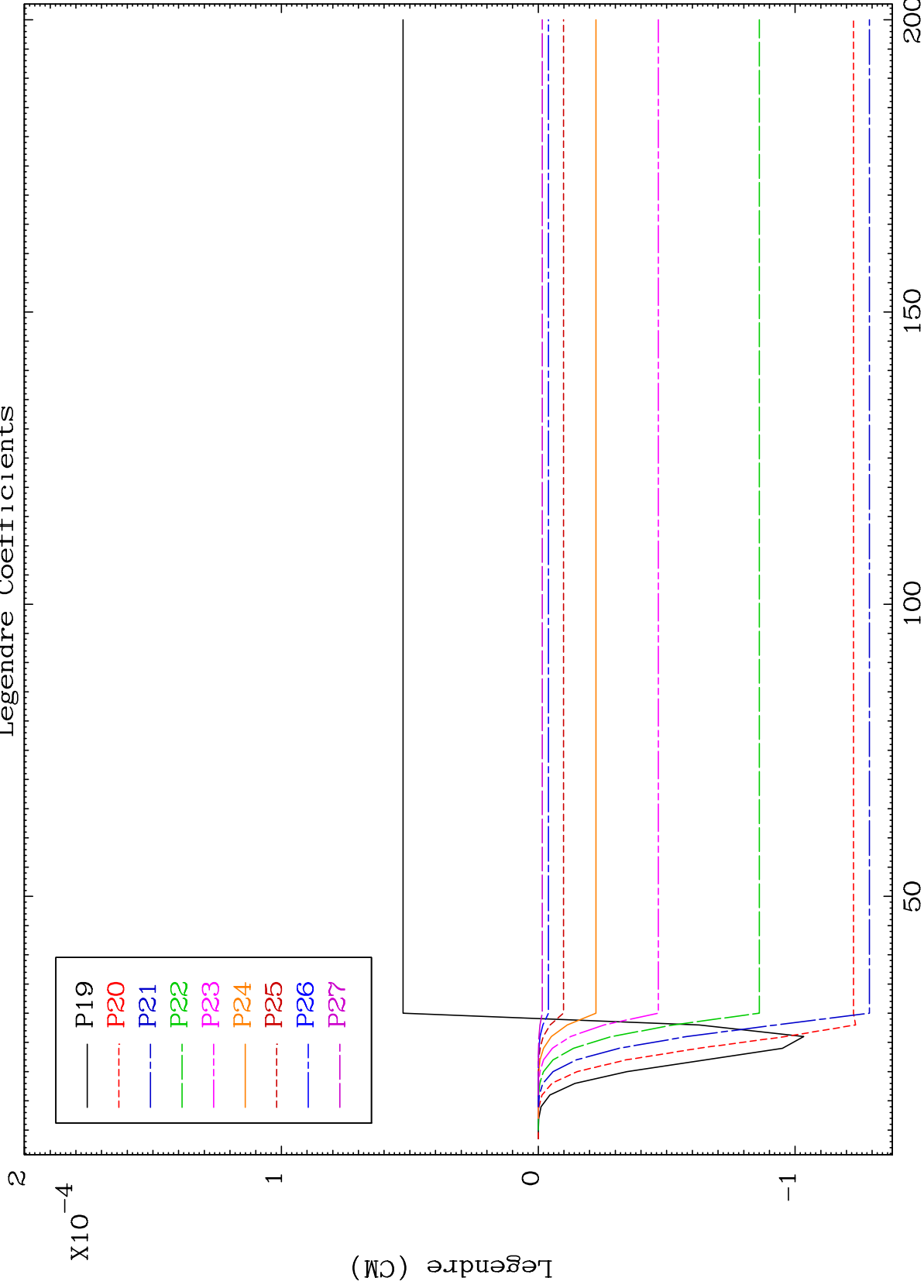
Incident Energy (MeV)

49-In-125

MAT 4961

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

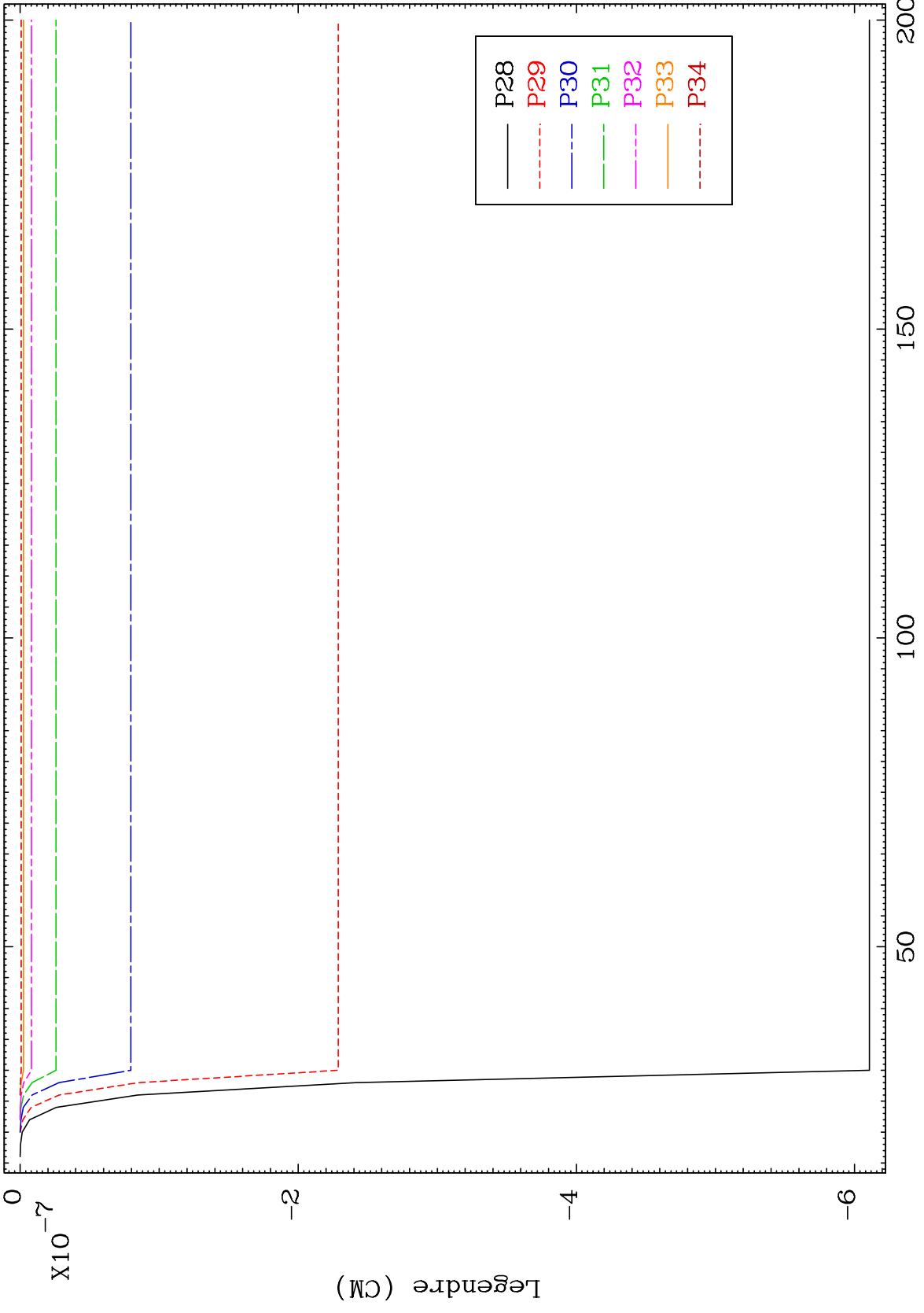
49-In-125



107

49-In-125

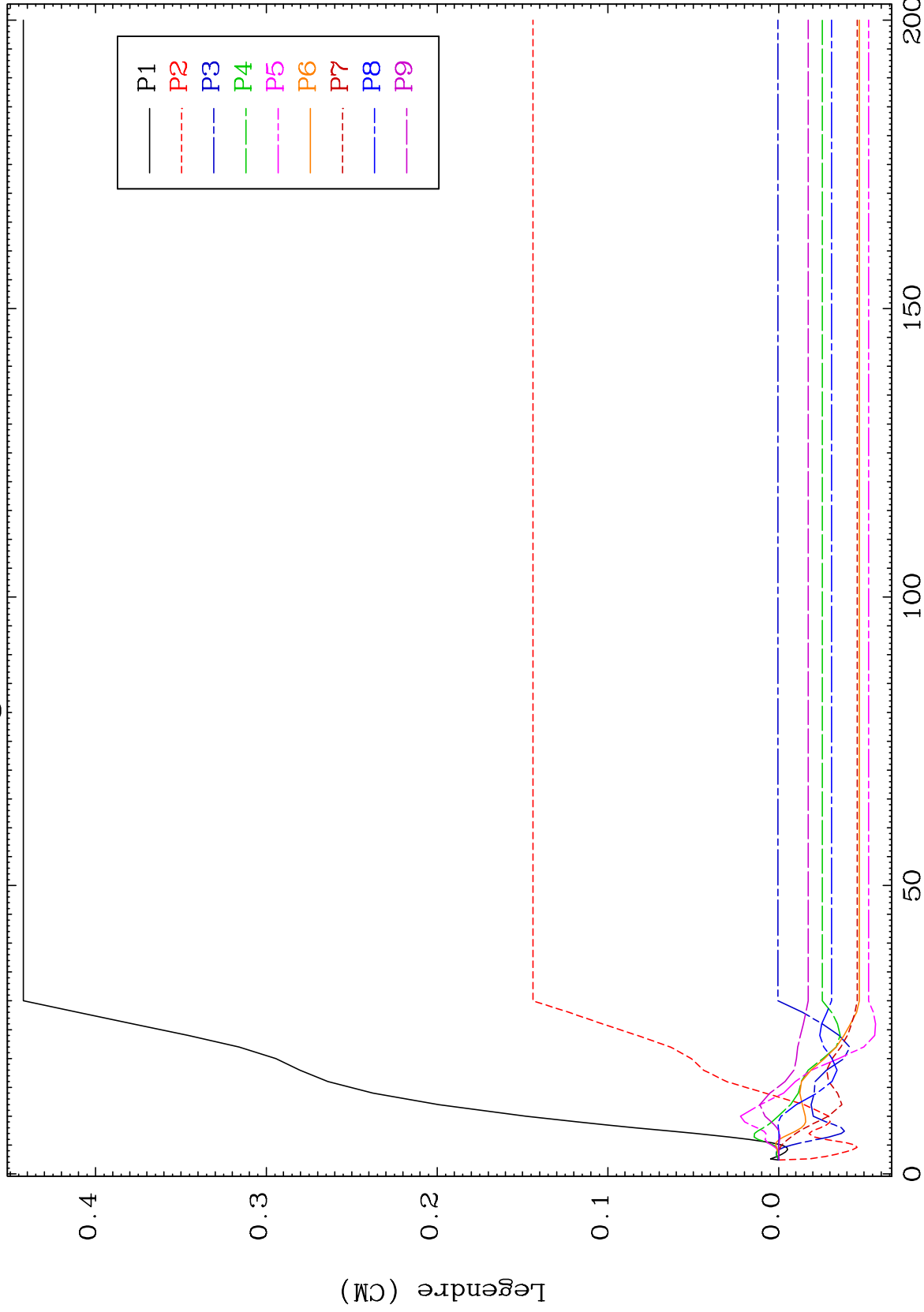
MAT 4961 MT= 73 (n,n') Level Legendre Coefficients 49-In-125



MAT 4961

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

49-In-125



109

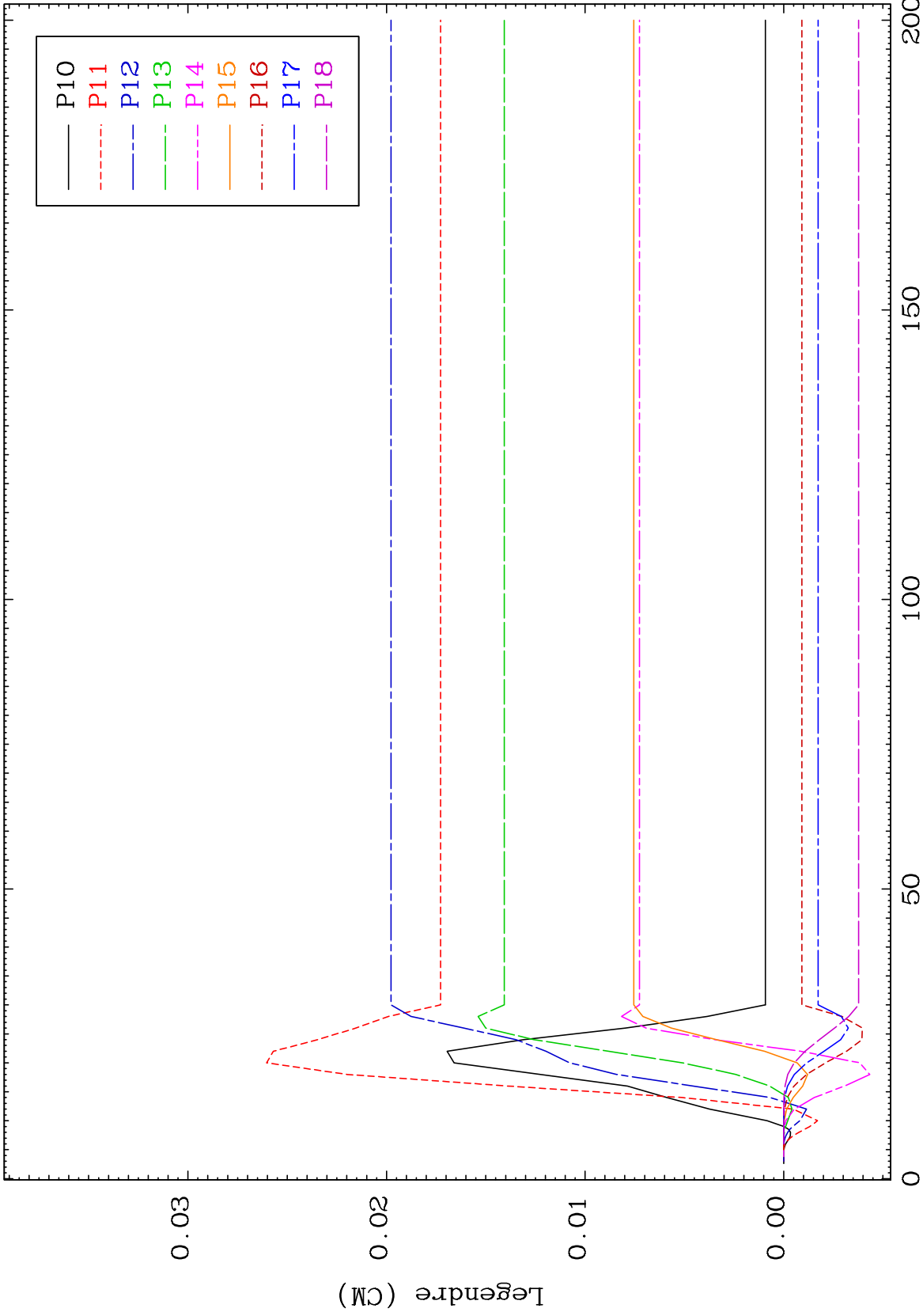
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



49-In-125

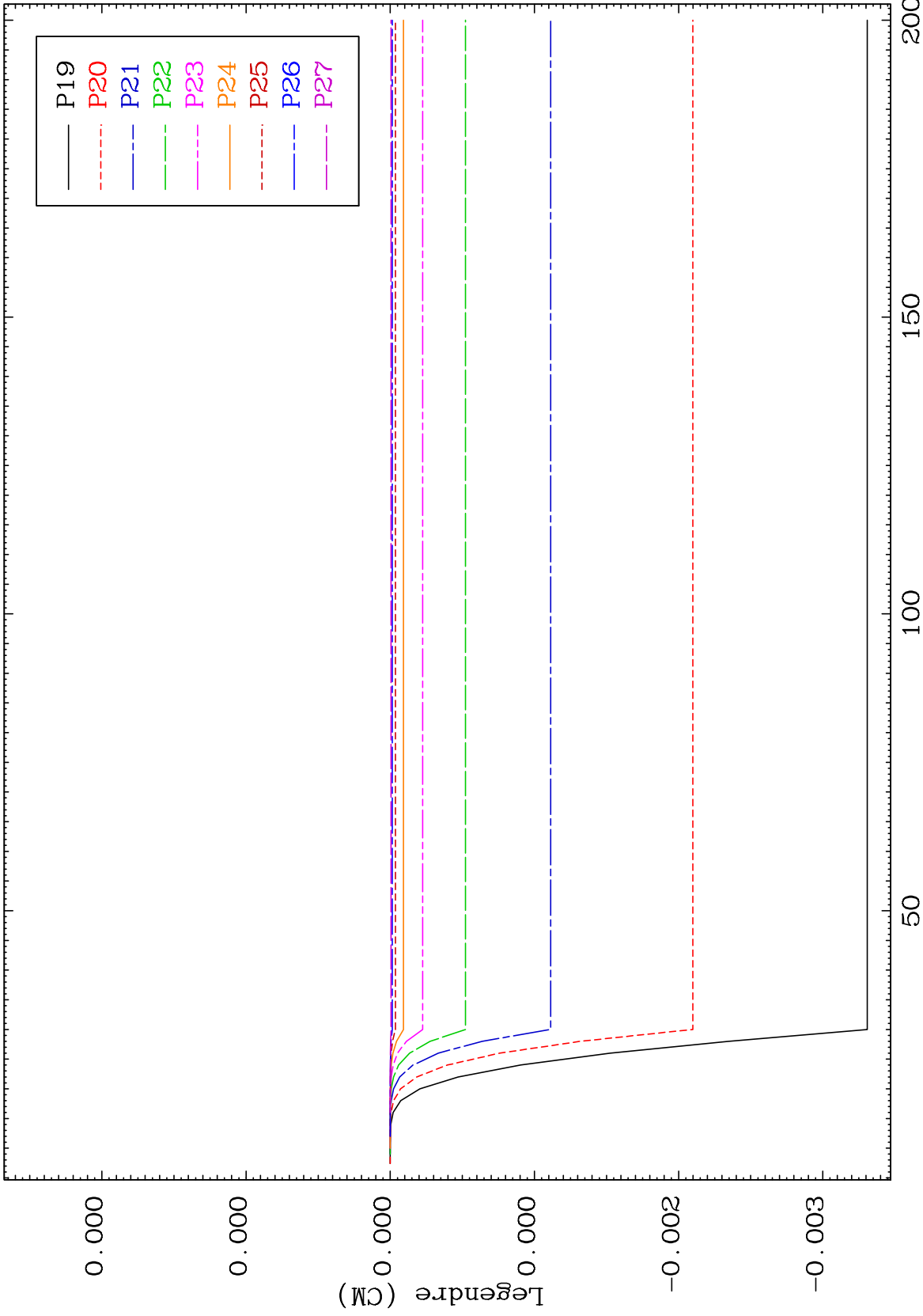
Incident Energy (MeV)

110

MAT 4961

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

49-In-125

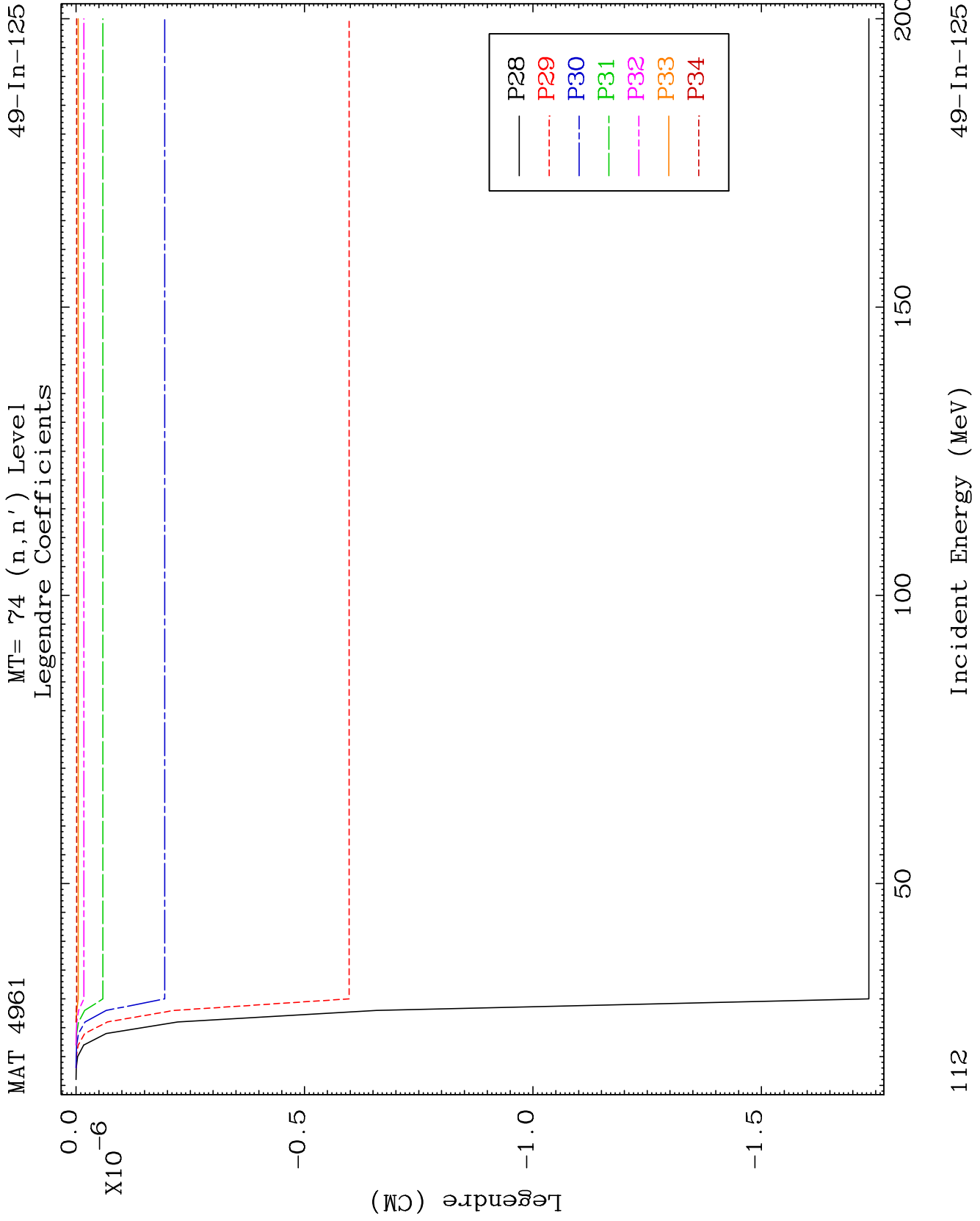


111

Incident Energy (MeV)

49-In-125

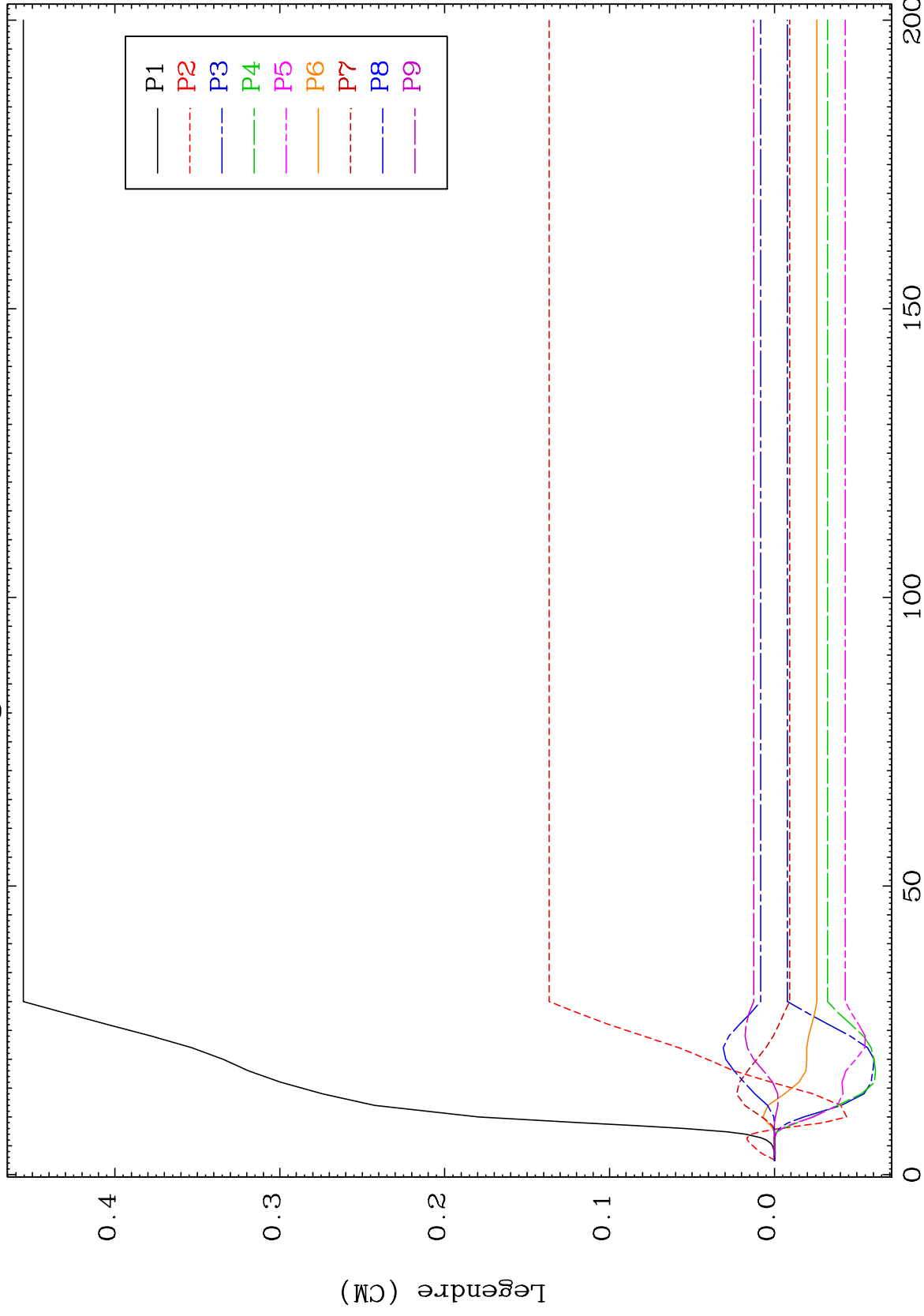




MAT 4961

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

49-In-125



113

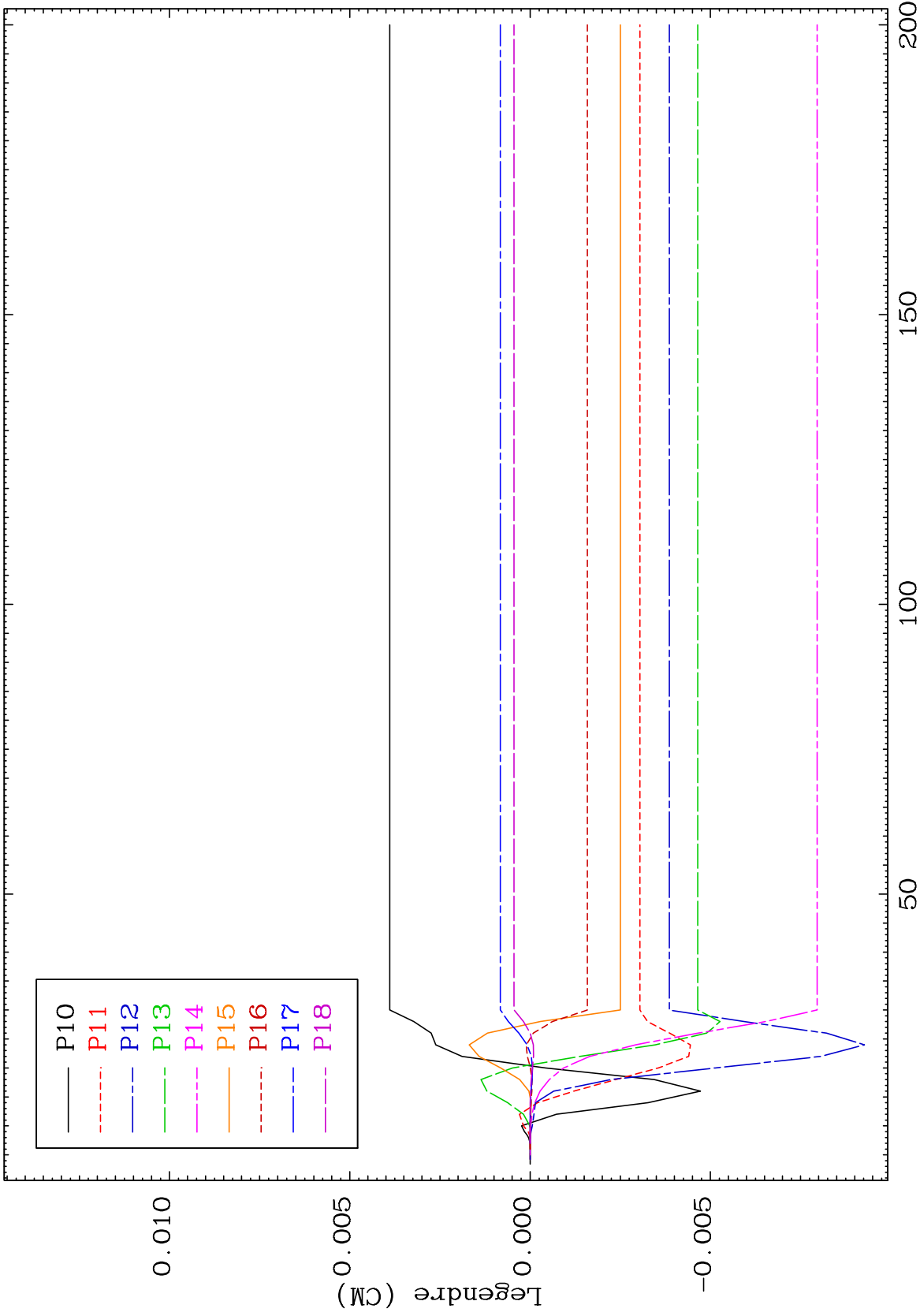
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



114

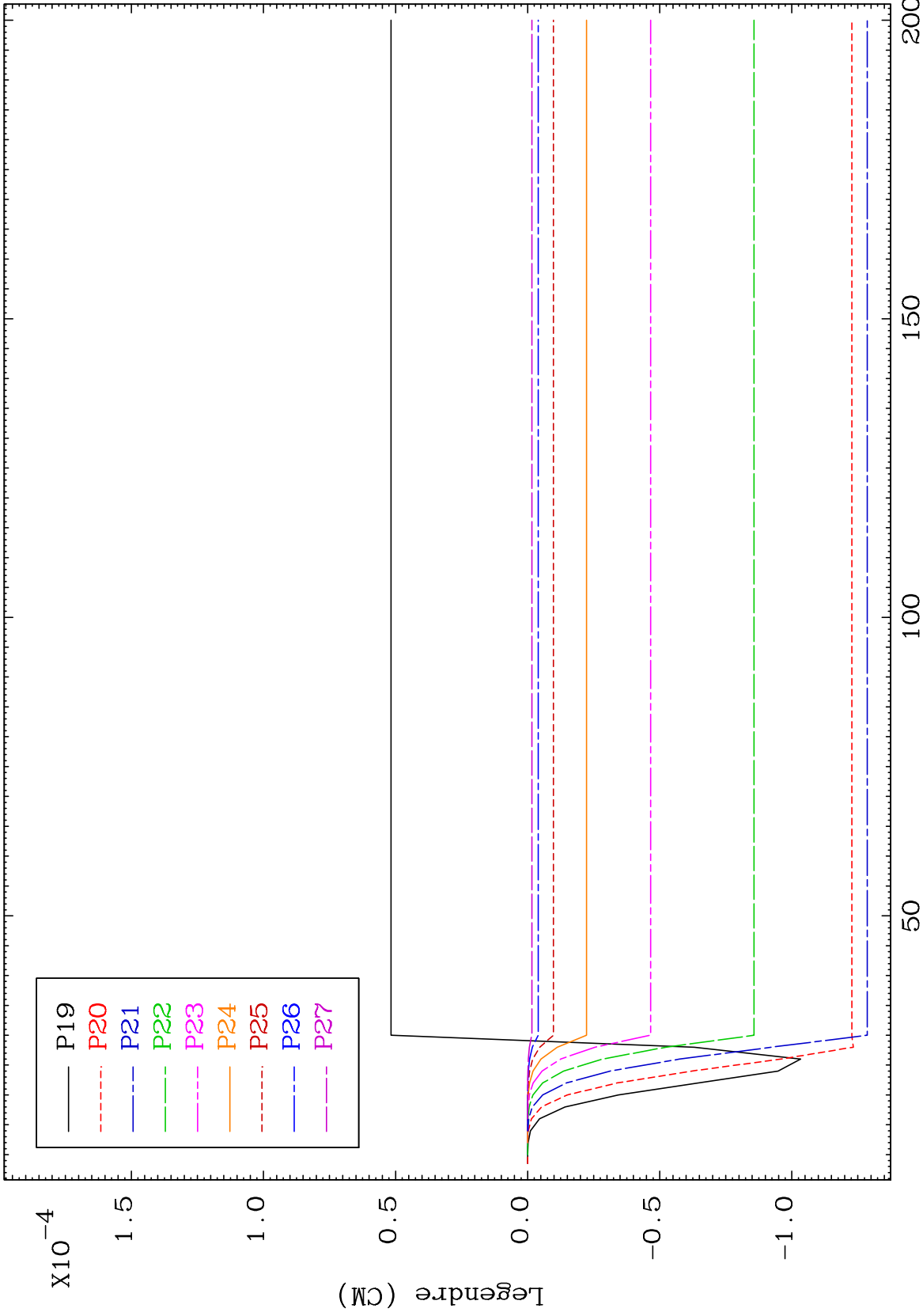
Incident Energy (MeV)

49-In-125

MAT 4961

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

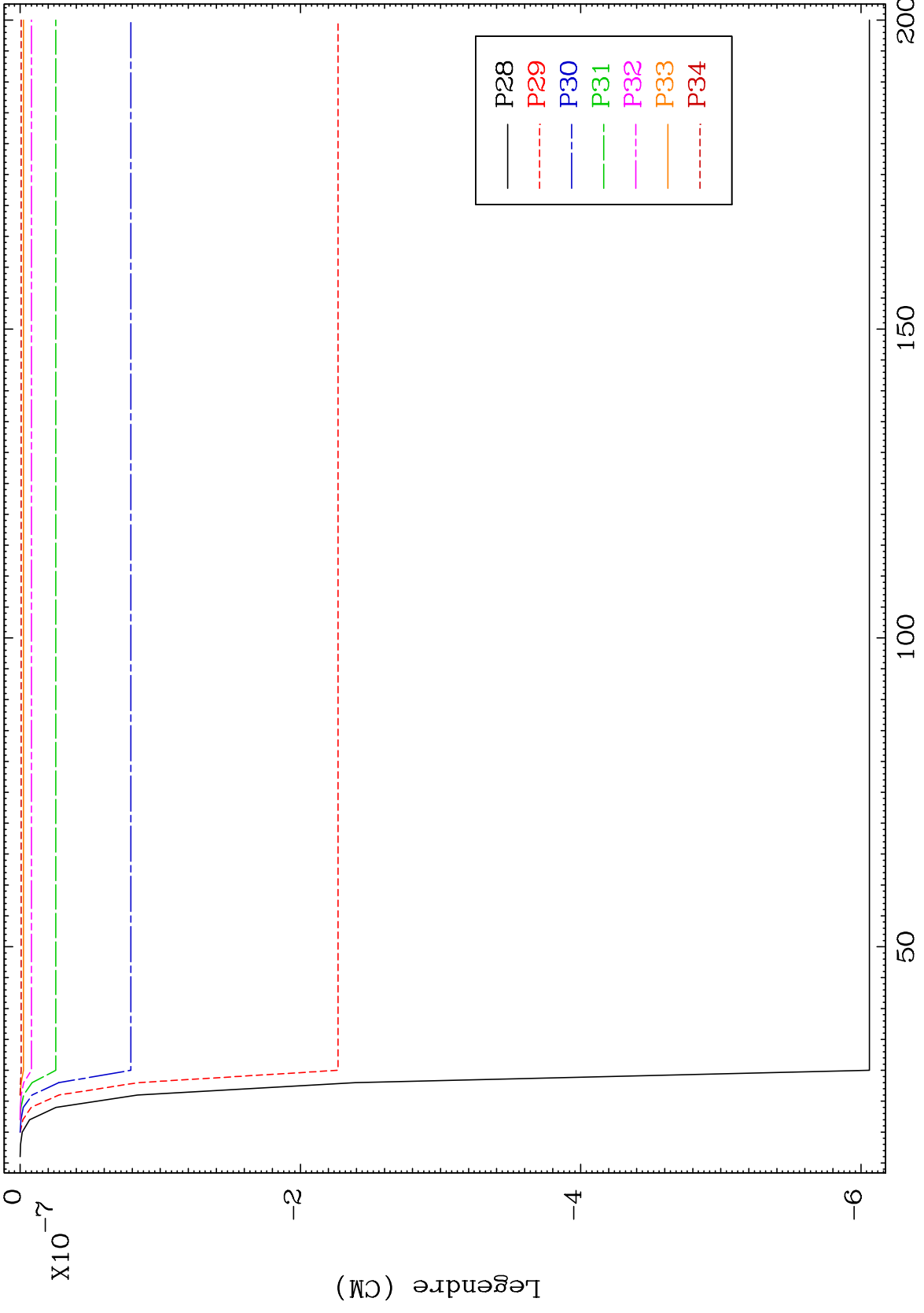
49-In-125



115

49-In-125

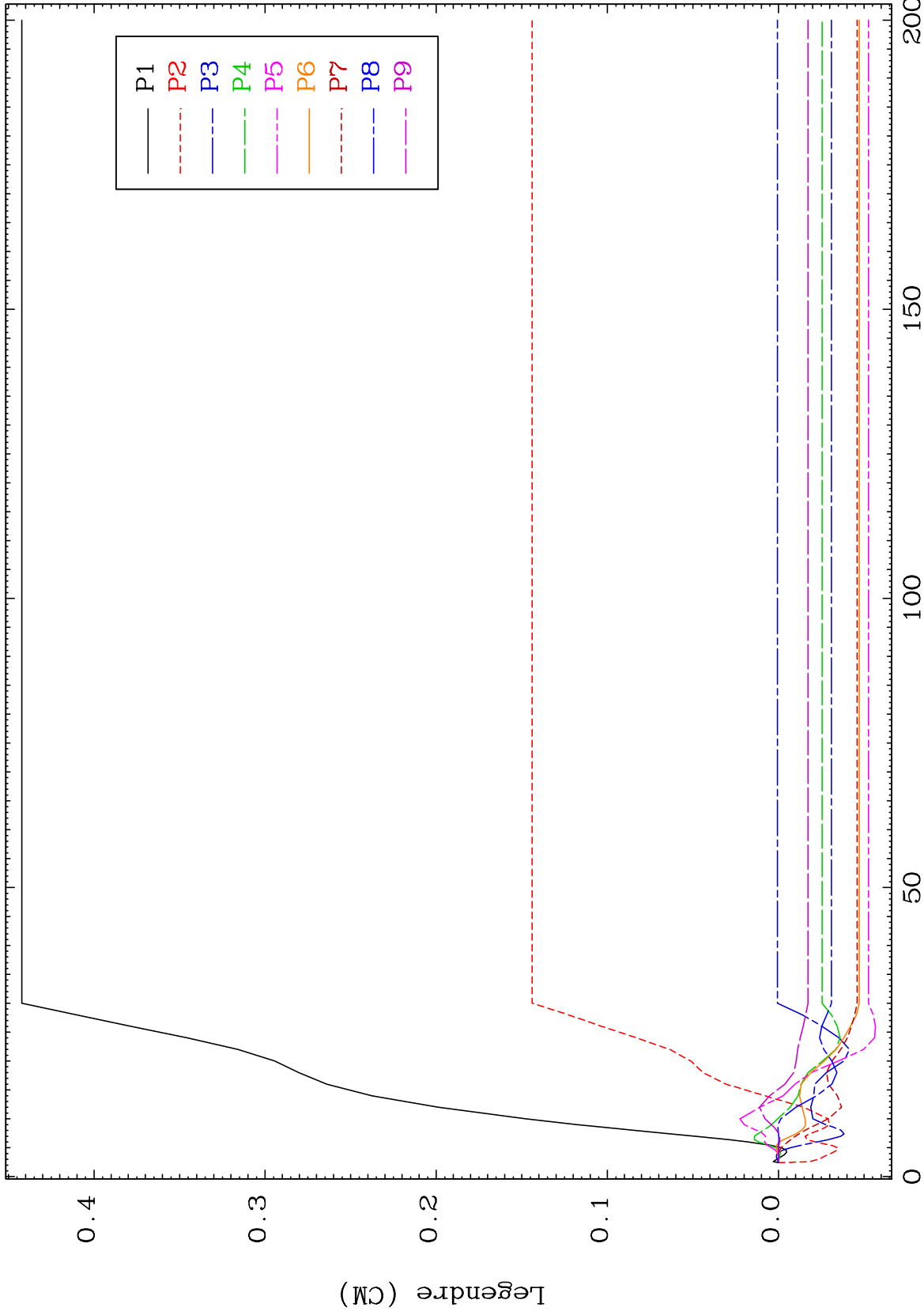
MAT 4961 MT= 75 (n,n') Level Legendre Coefficients 49-In-125



MAT 4961

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

49-In-125



117

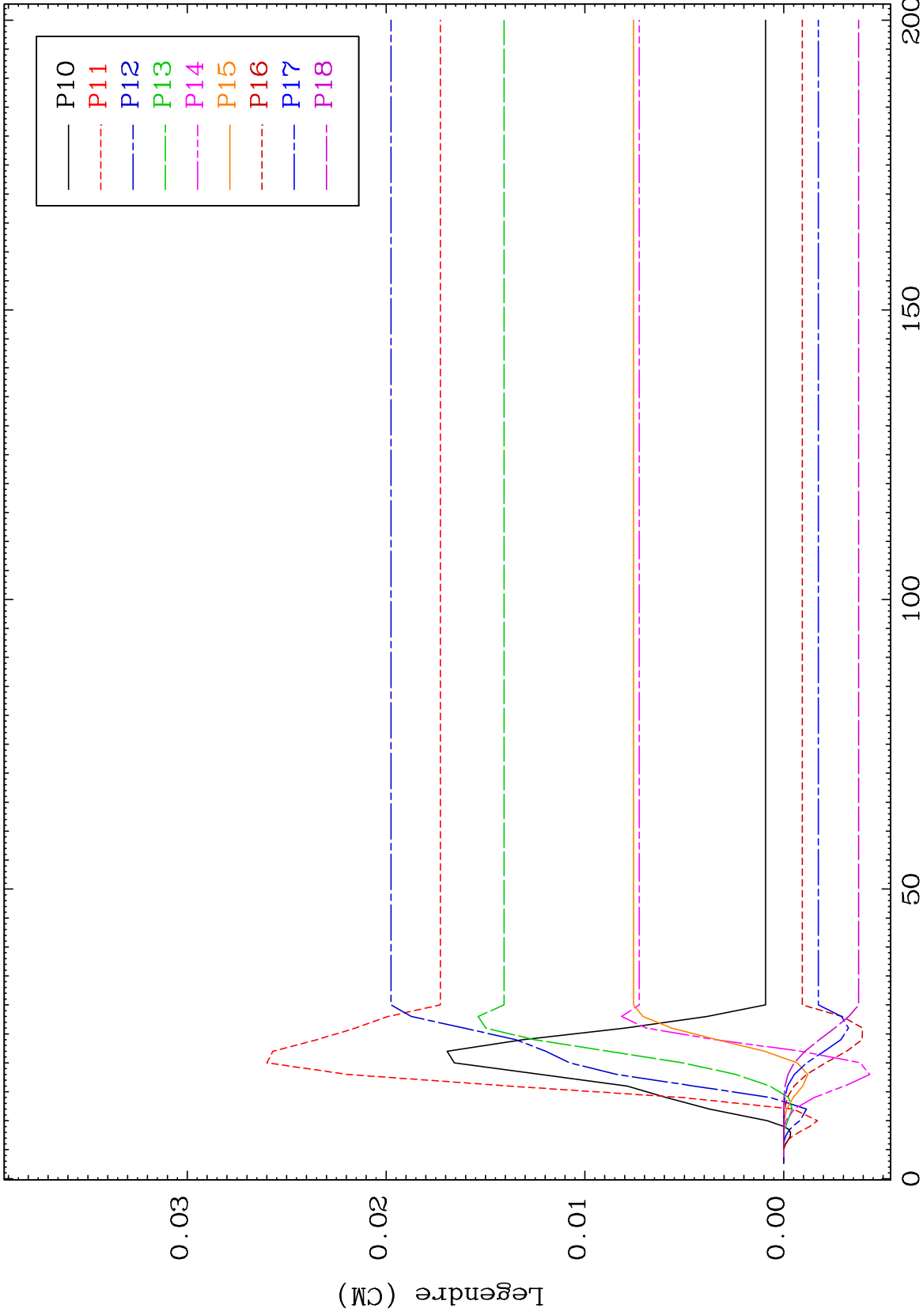
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



118

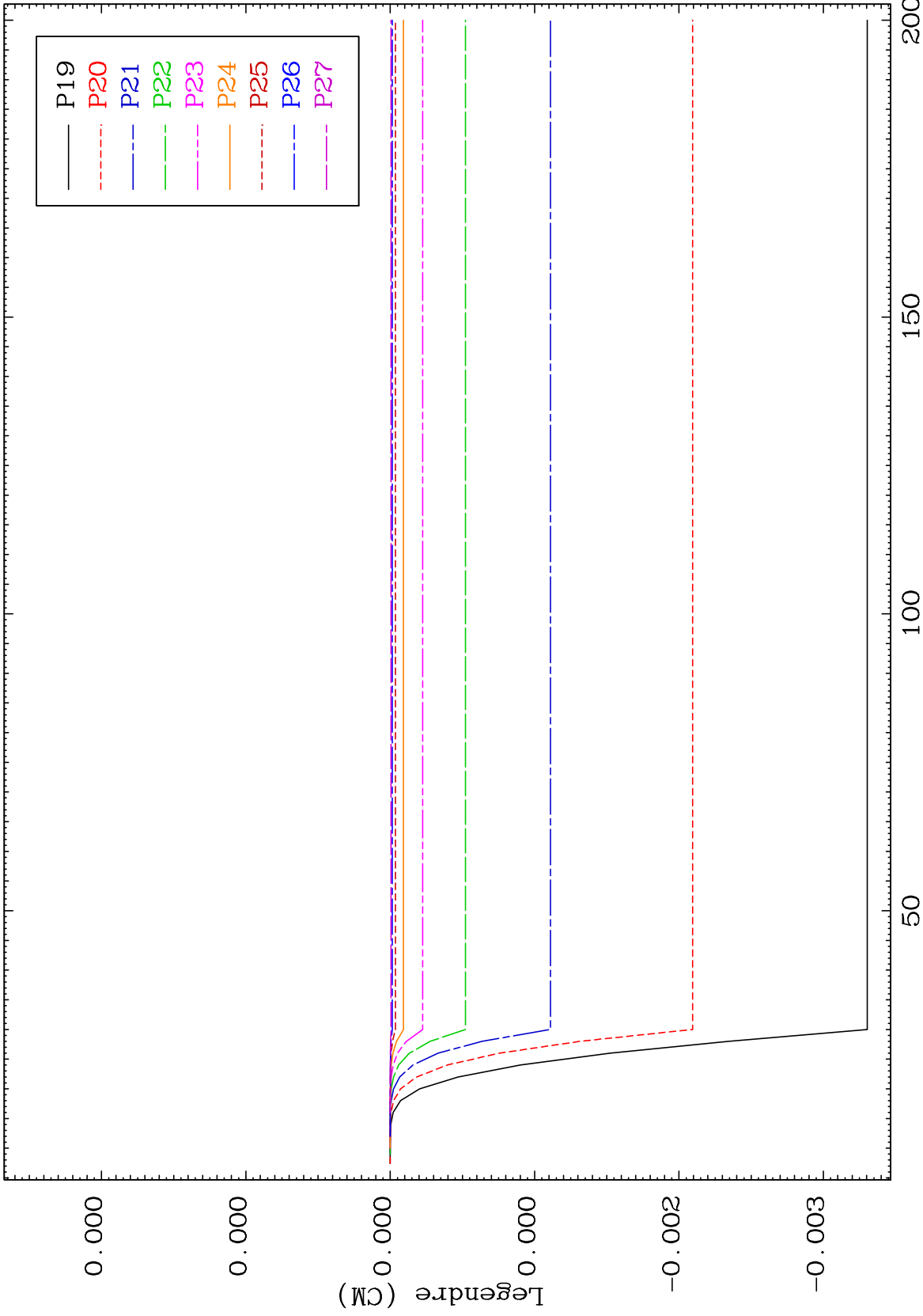
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



119

Incident Energy (MeV)

49-In-125

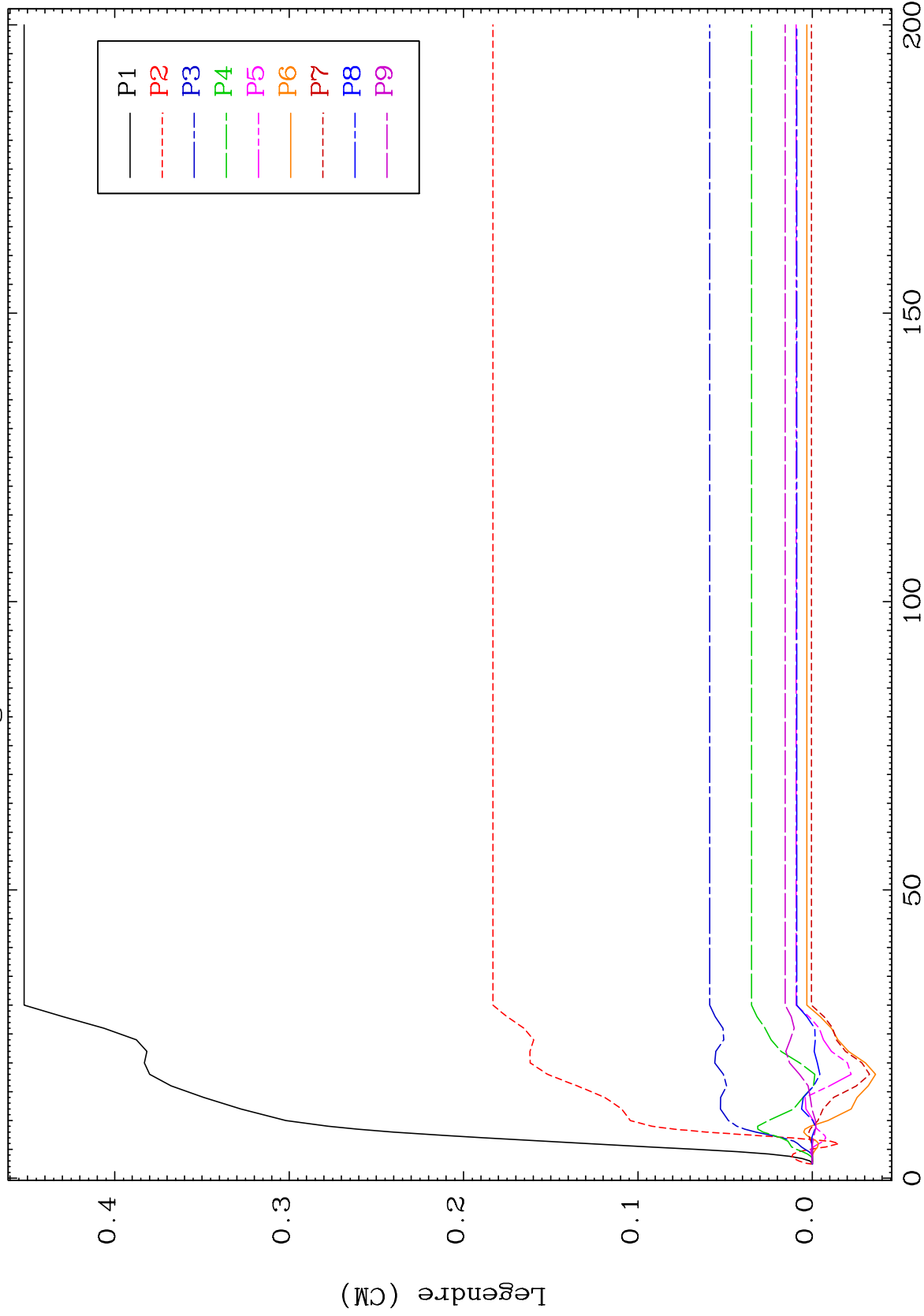




MAT 4961

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

49-In-125



121

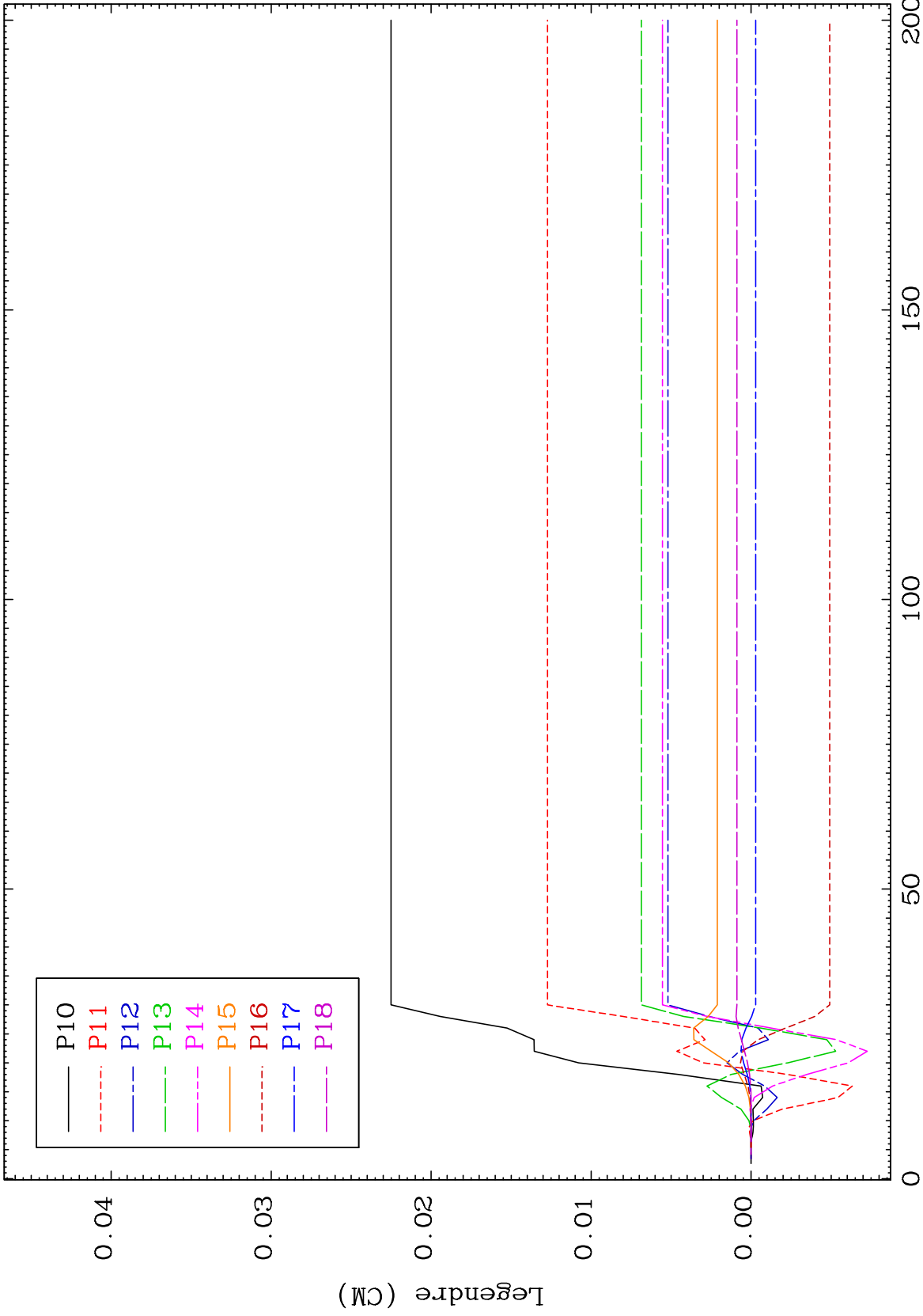
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



122

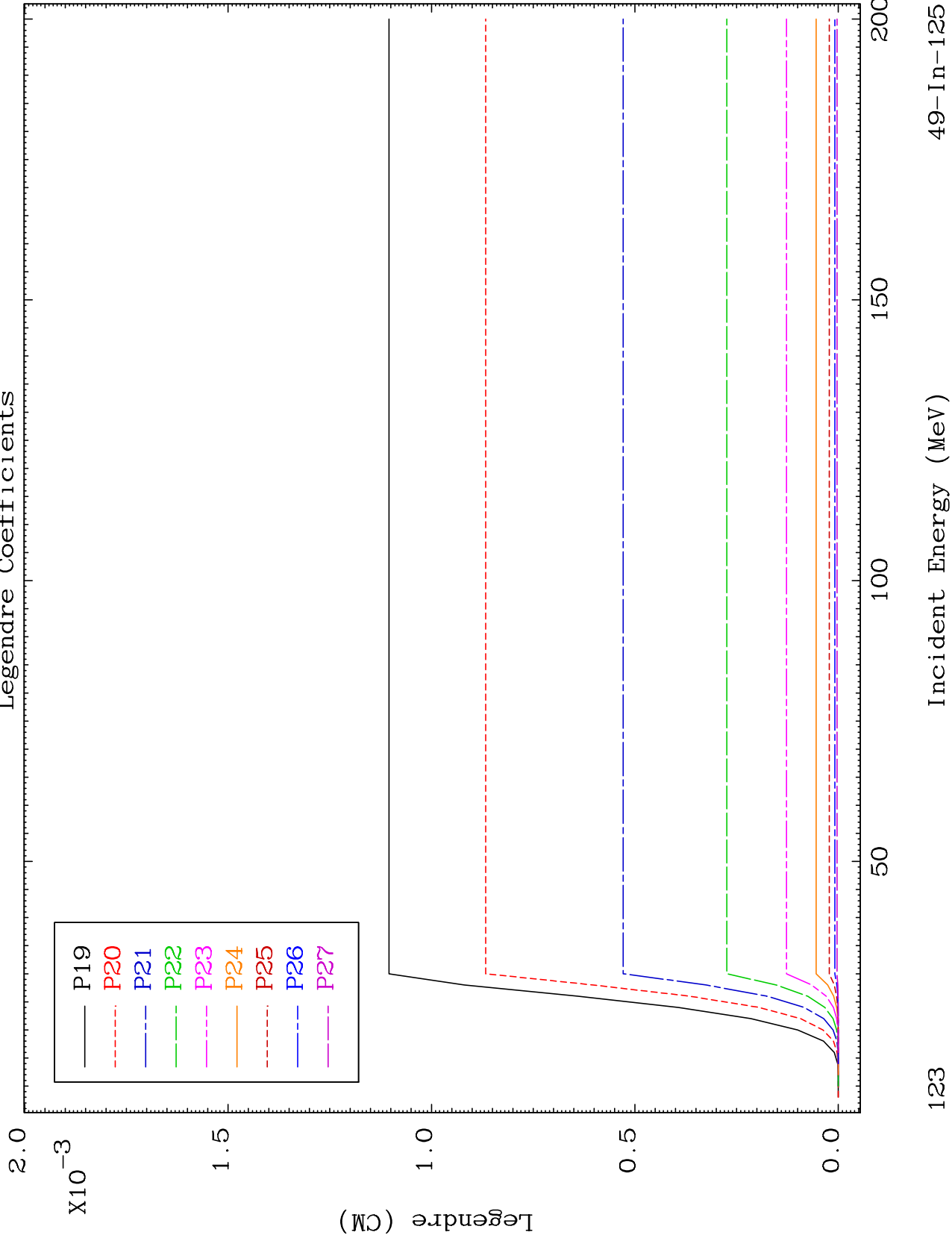
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



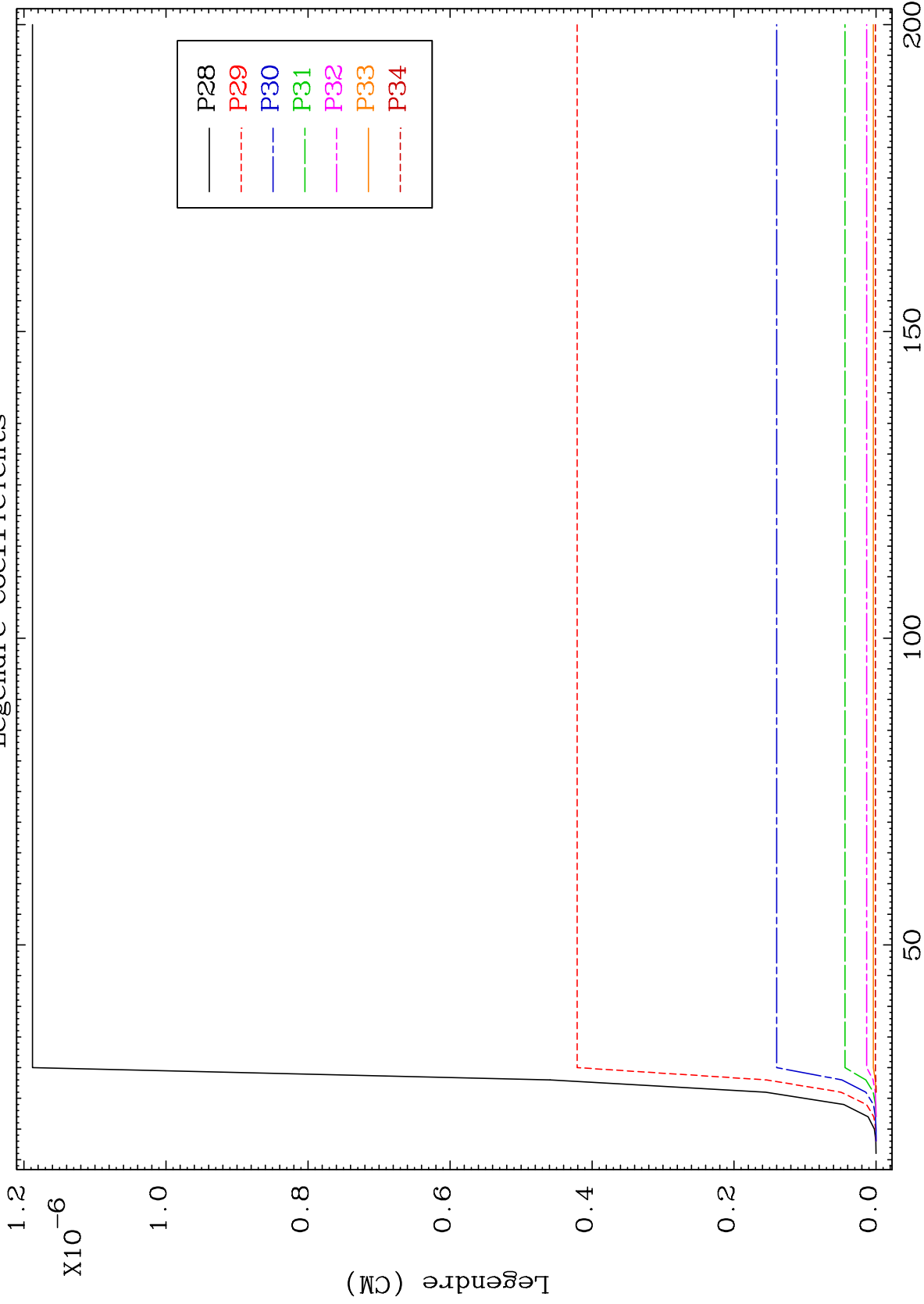
123

49-In-125

MAT 4961

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

49-In-125



124

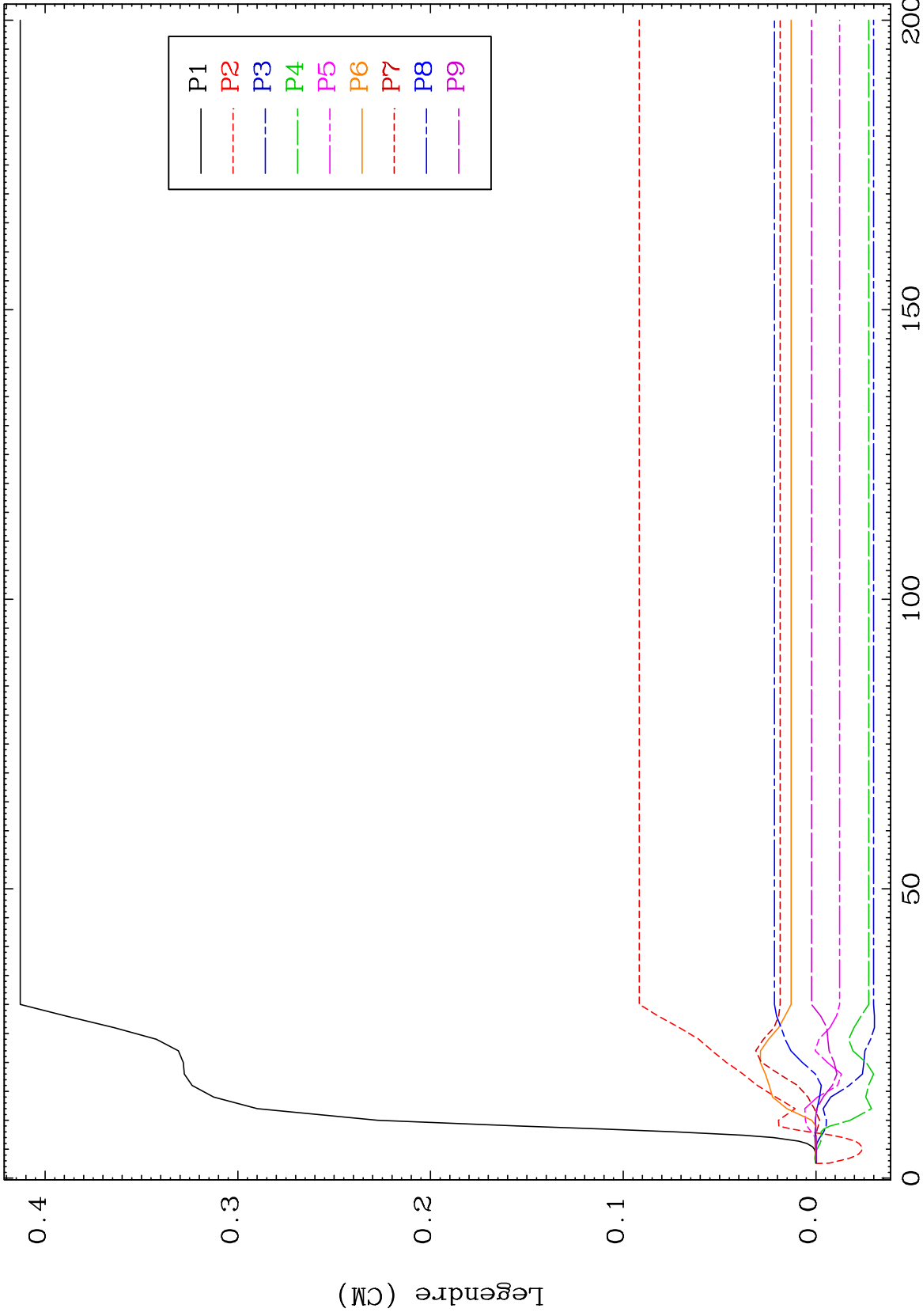
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



125

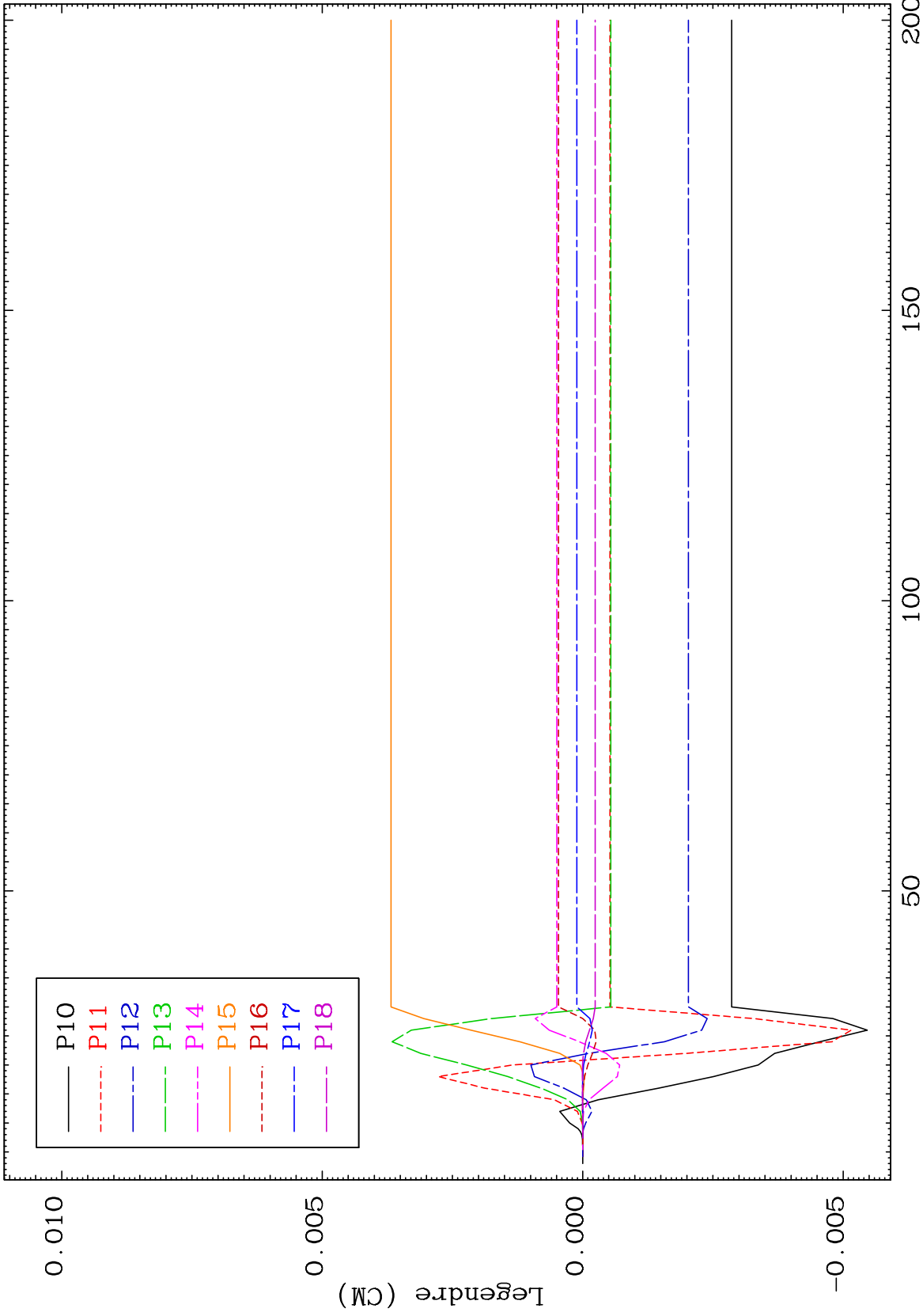
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



126

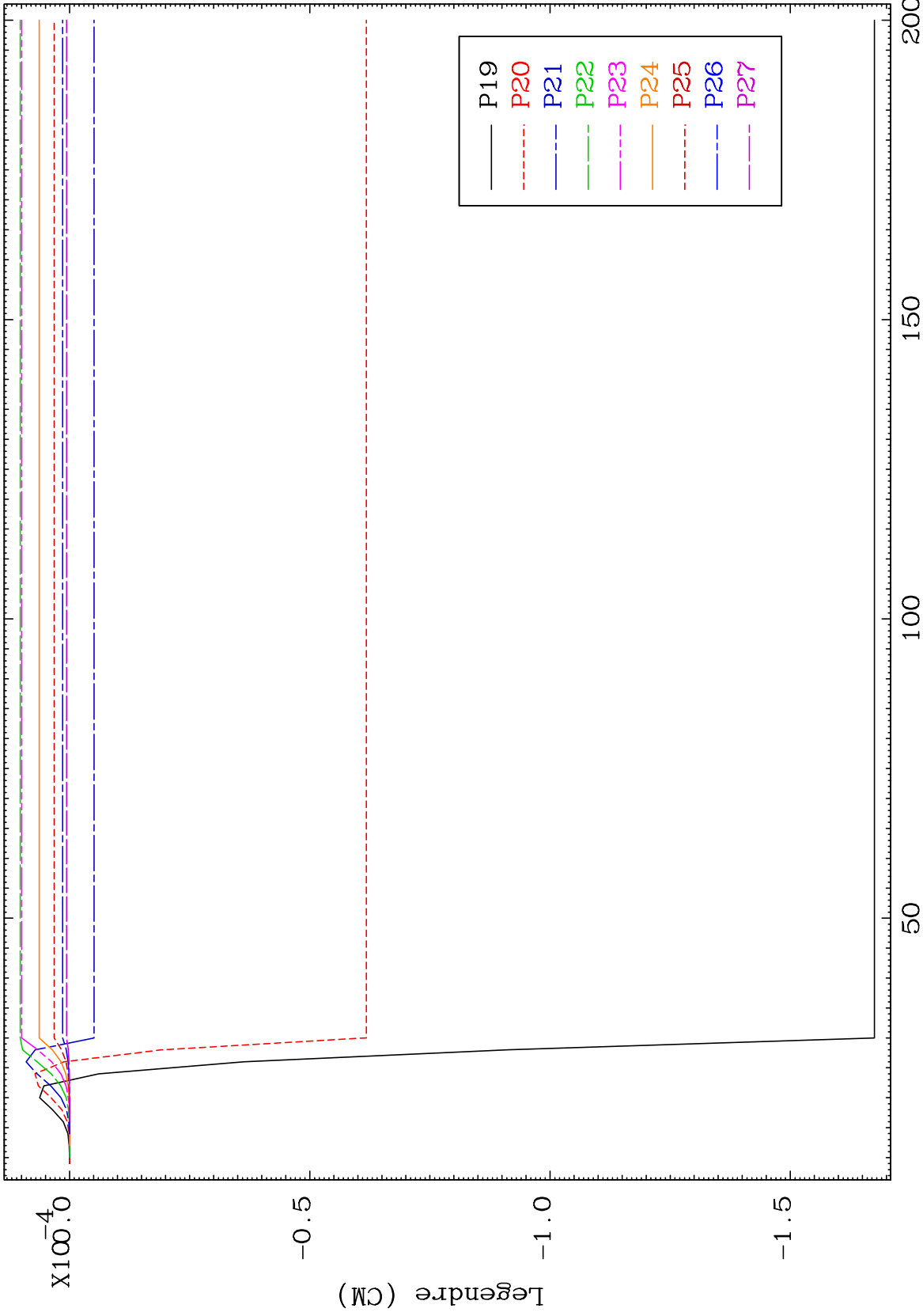
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



127

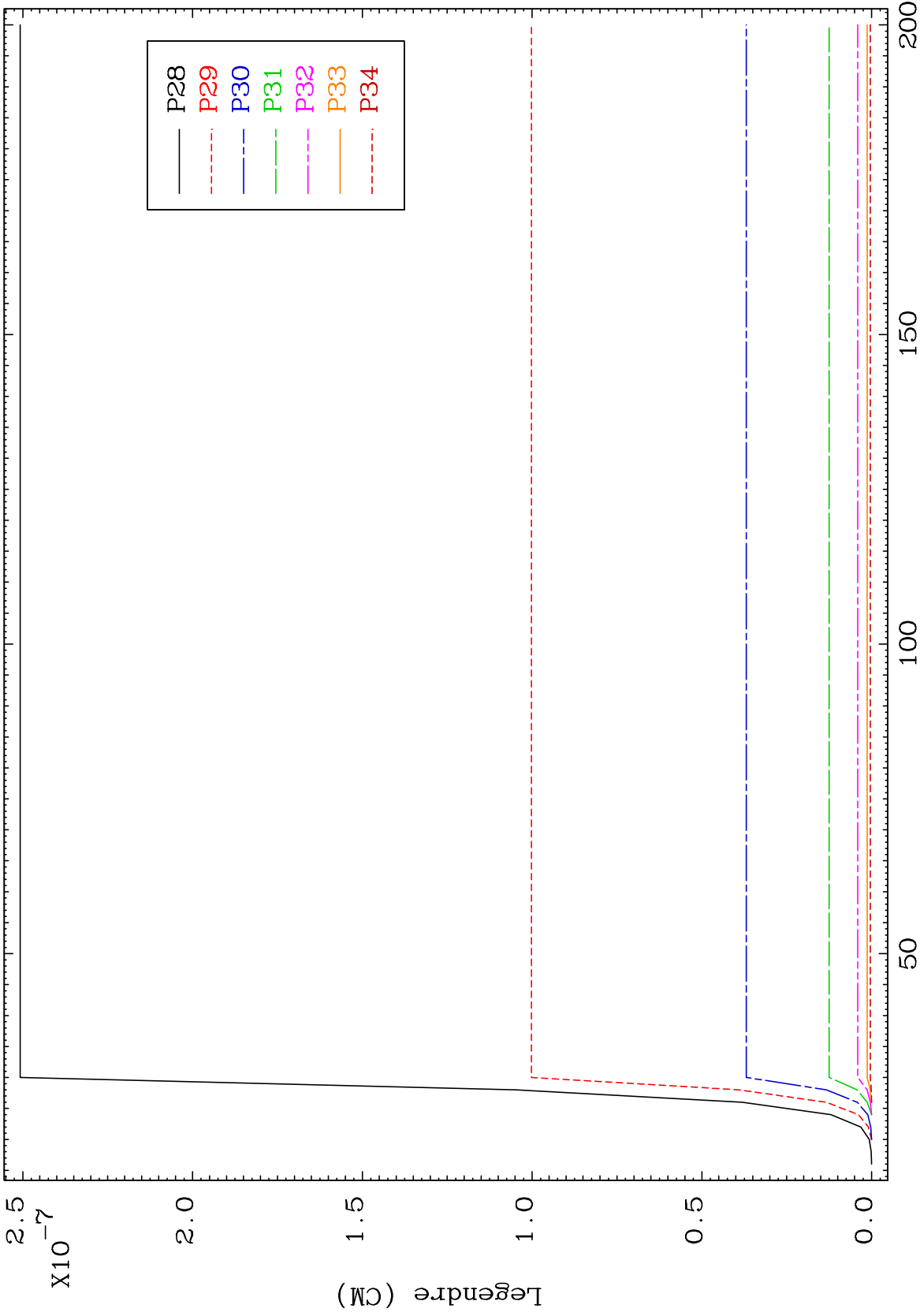
49-In-125



MAT 4961

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

49-In-125



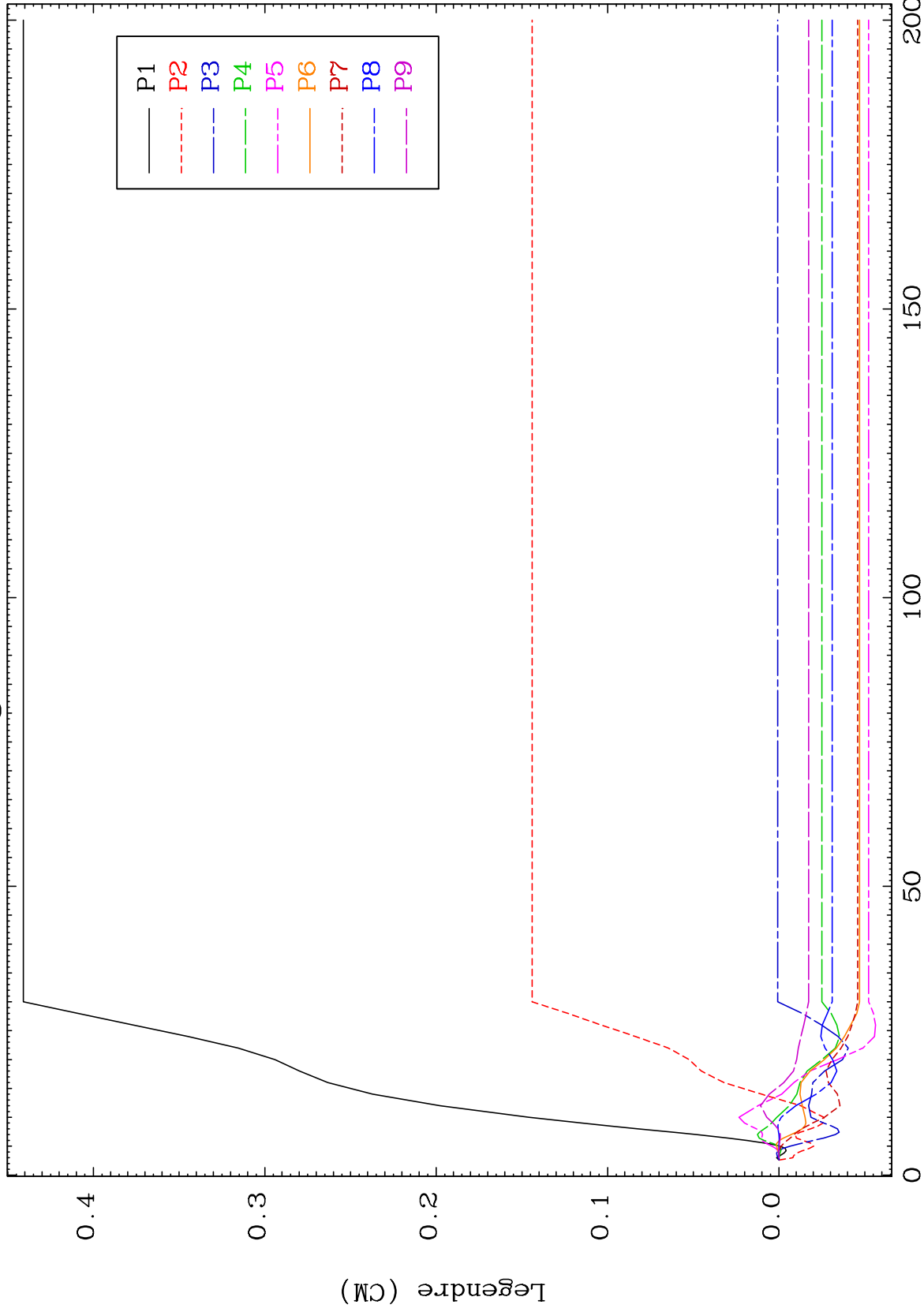
128

49-In-125

MAT 4961

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

49-In-125



129

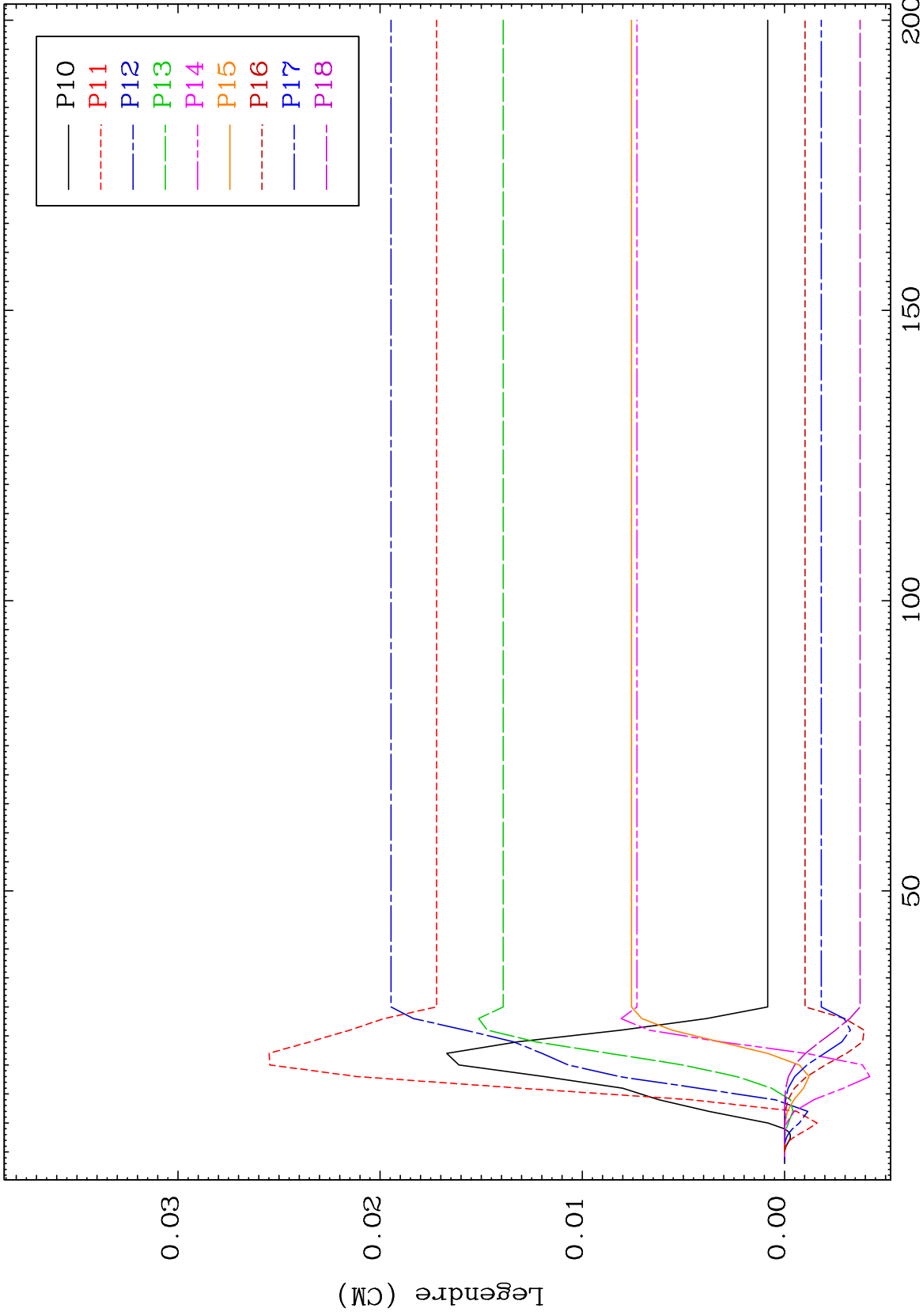
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



130

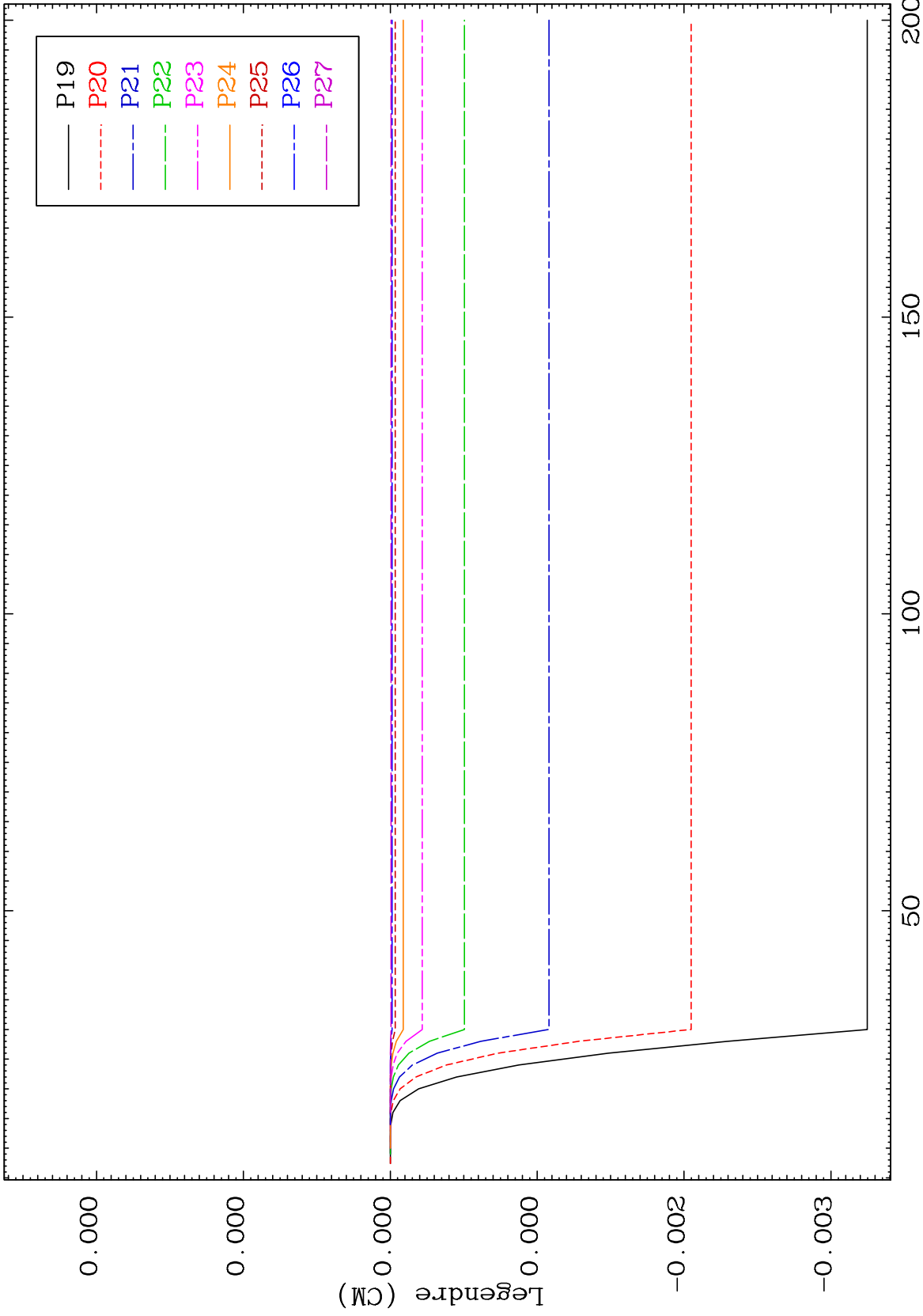
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125

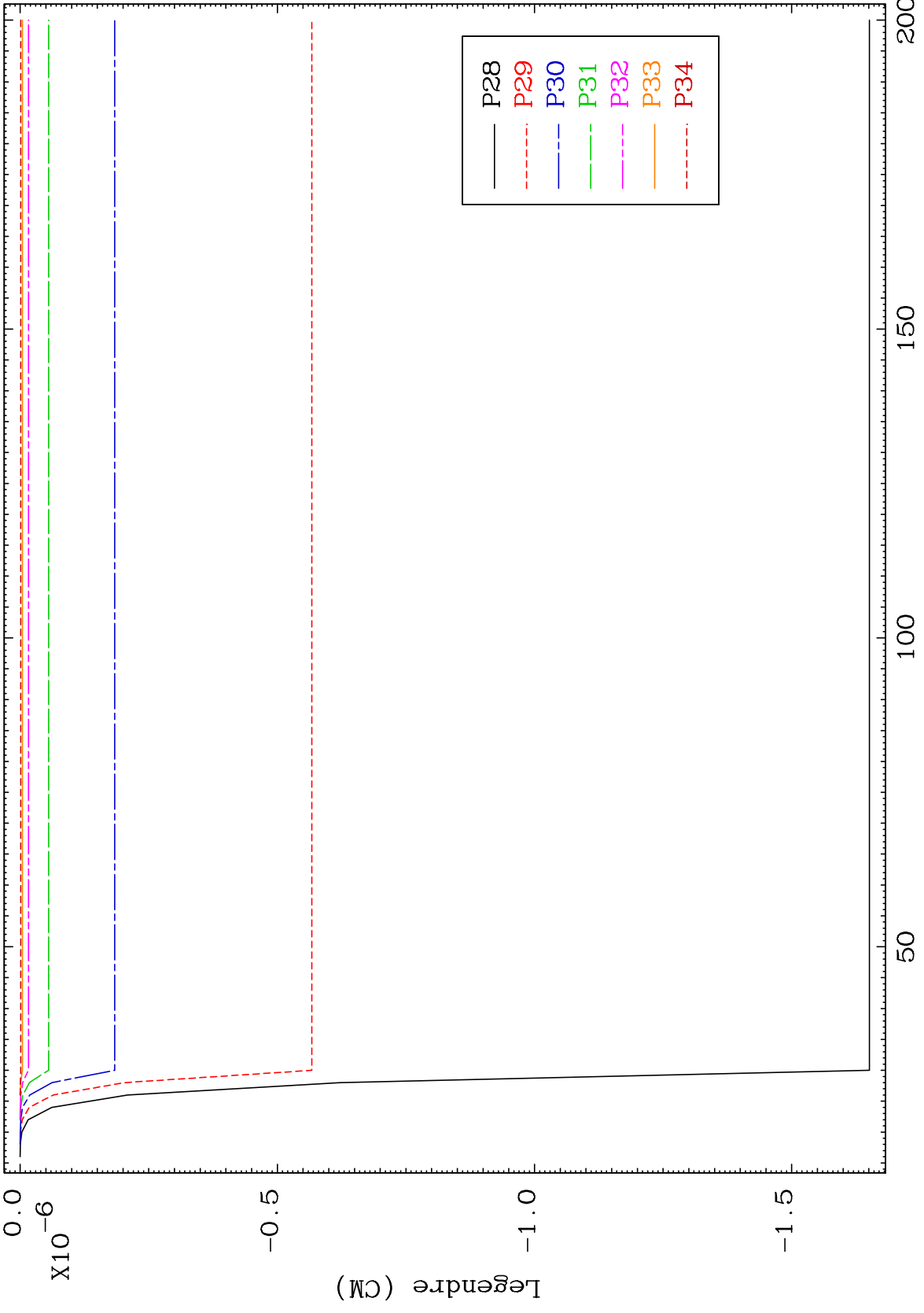


131

Incident Energy (MeV)

49-In-125

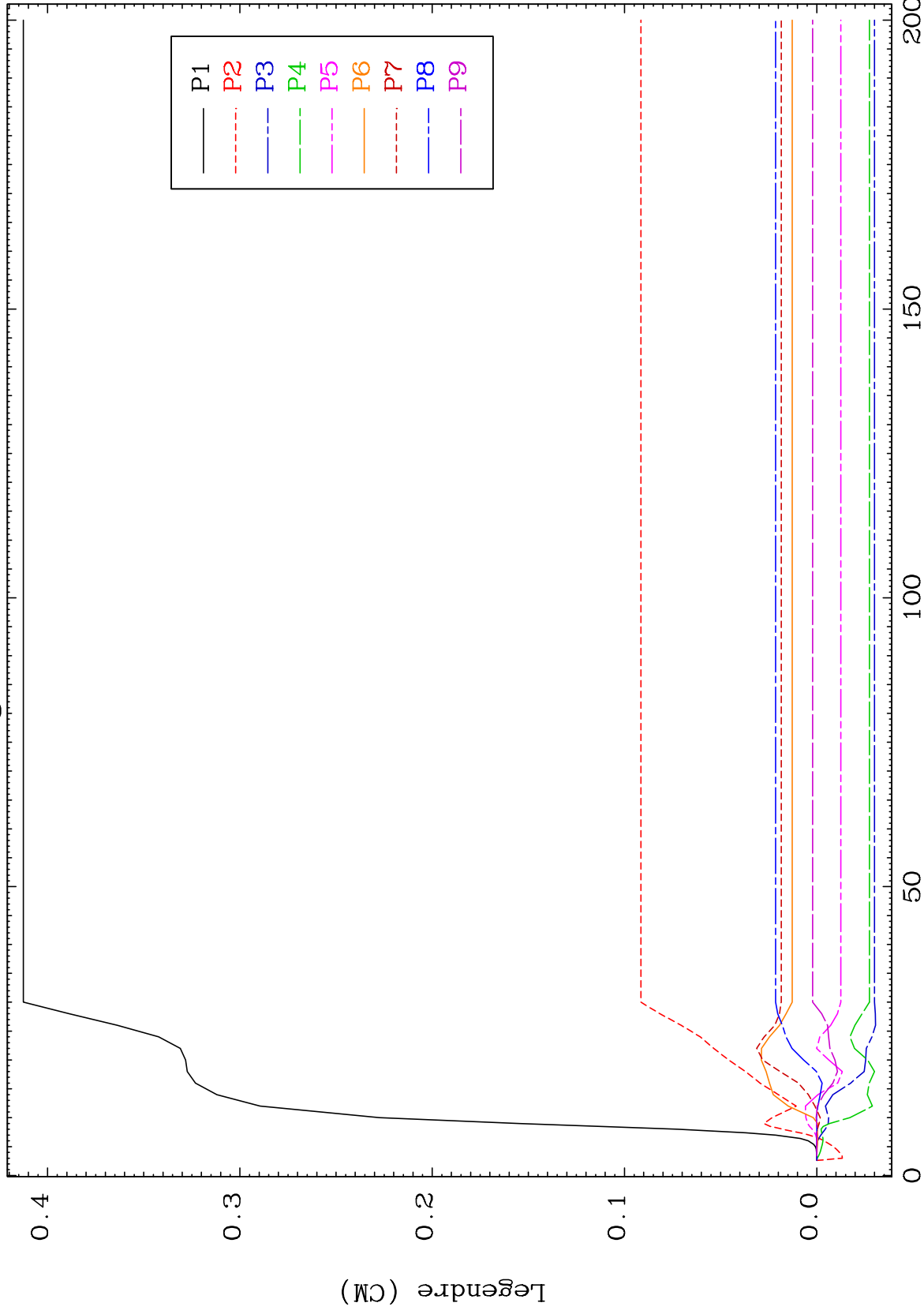
MAT 4961 MT= 79 (n,n') Level Legendre Coefficients 49-In-125



MAT 4961

MT= 80 (n,n') Level  
Legendre Coefficients

49-In-125



133

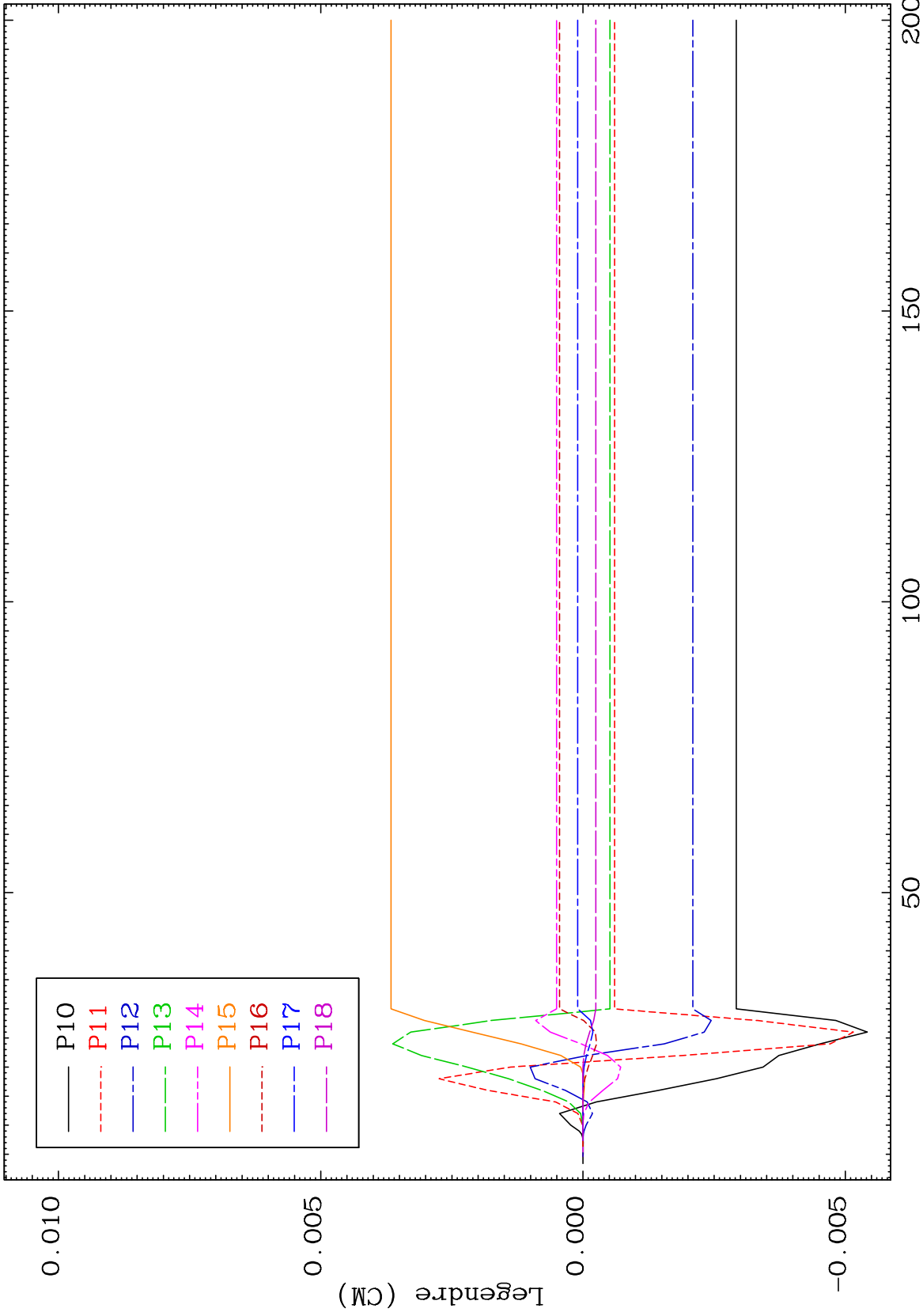
Incident Energy (MeV)

49-In-125

MAT 4961

MT= 80 (n,n') Level  
Legendre Coefficients

49-In-125



134

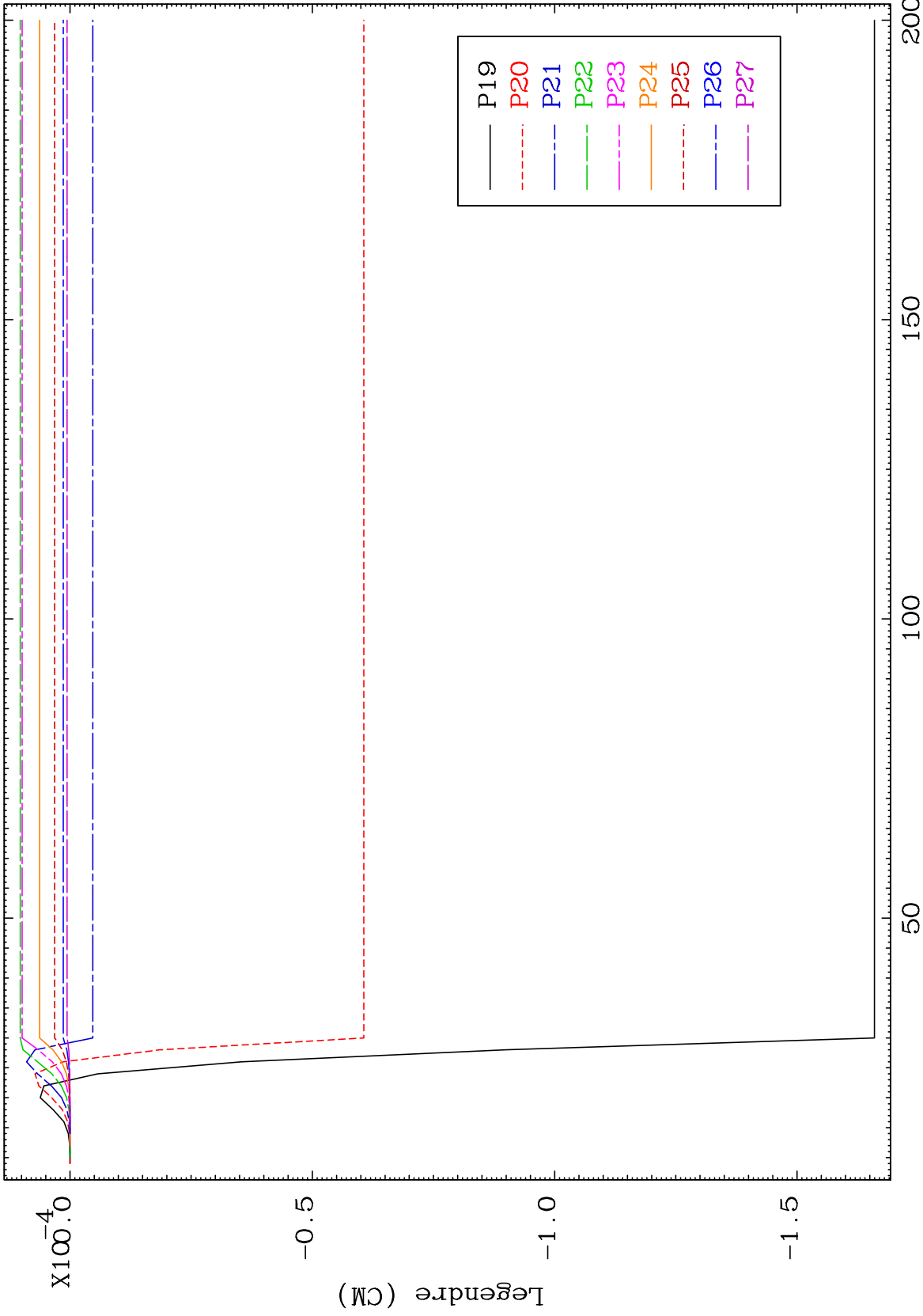
Incident Energy (MeV)

49-In-125

MAT 4961

MT= 80 (n,n') Level  
Legendre Coefficients

49-In-125



135

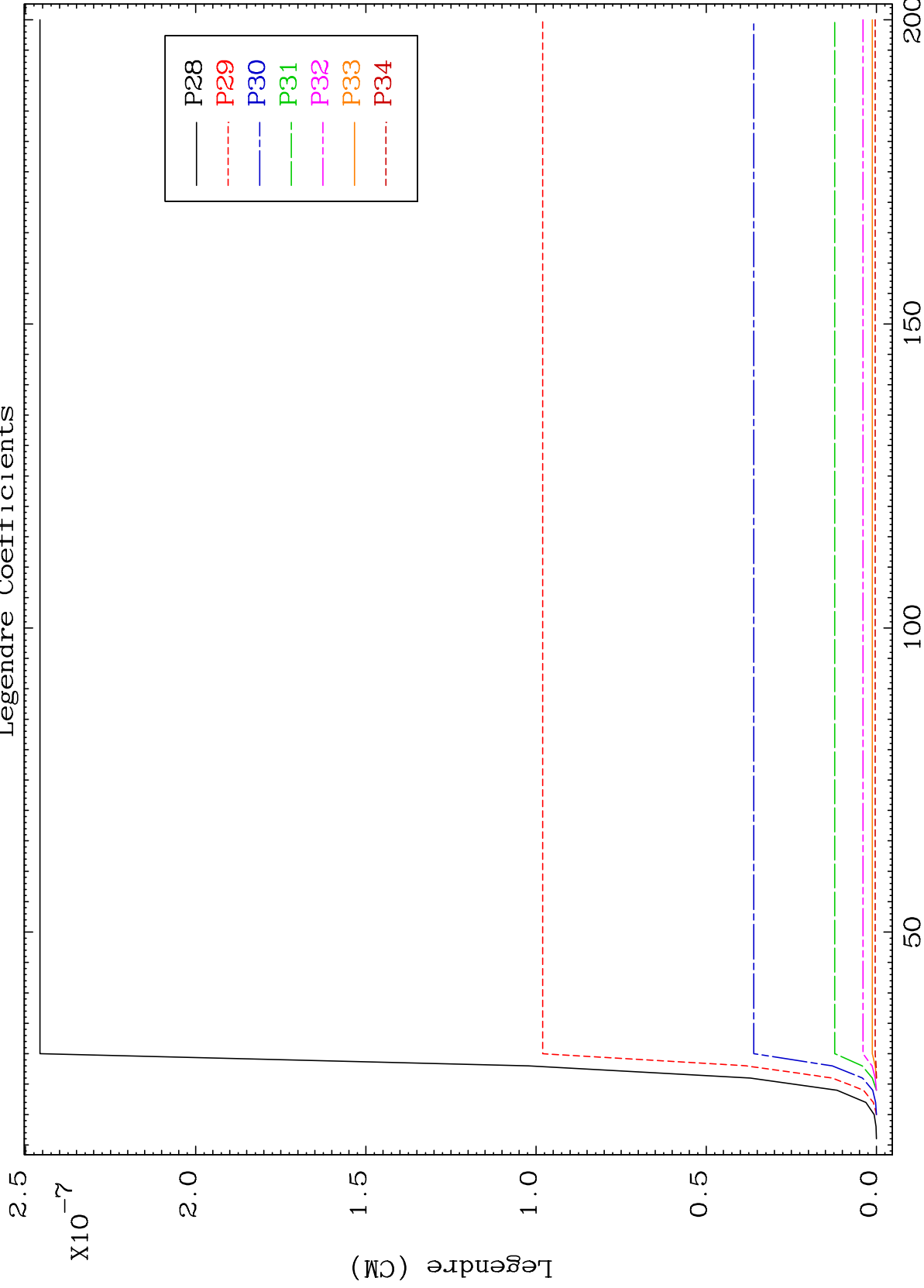
49-In-125



MAT 4961

MT= 80 (n,n') Level  
Legendre Coefficients

49-In-125



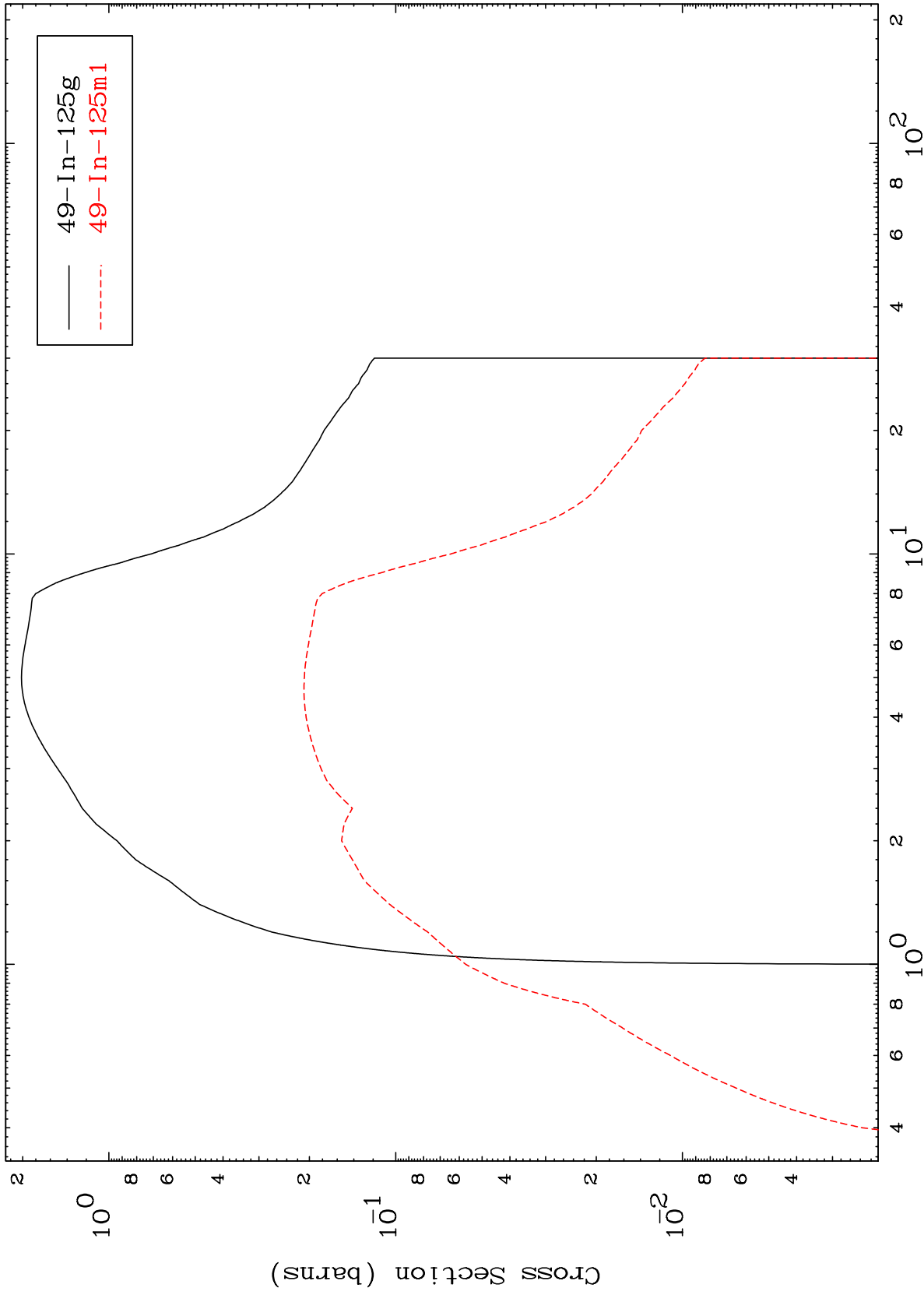
136

49-In-125

MAT 4961

49-In-125

### Inelastic Radionuclide Production Cross Section



137

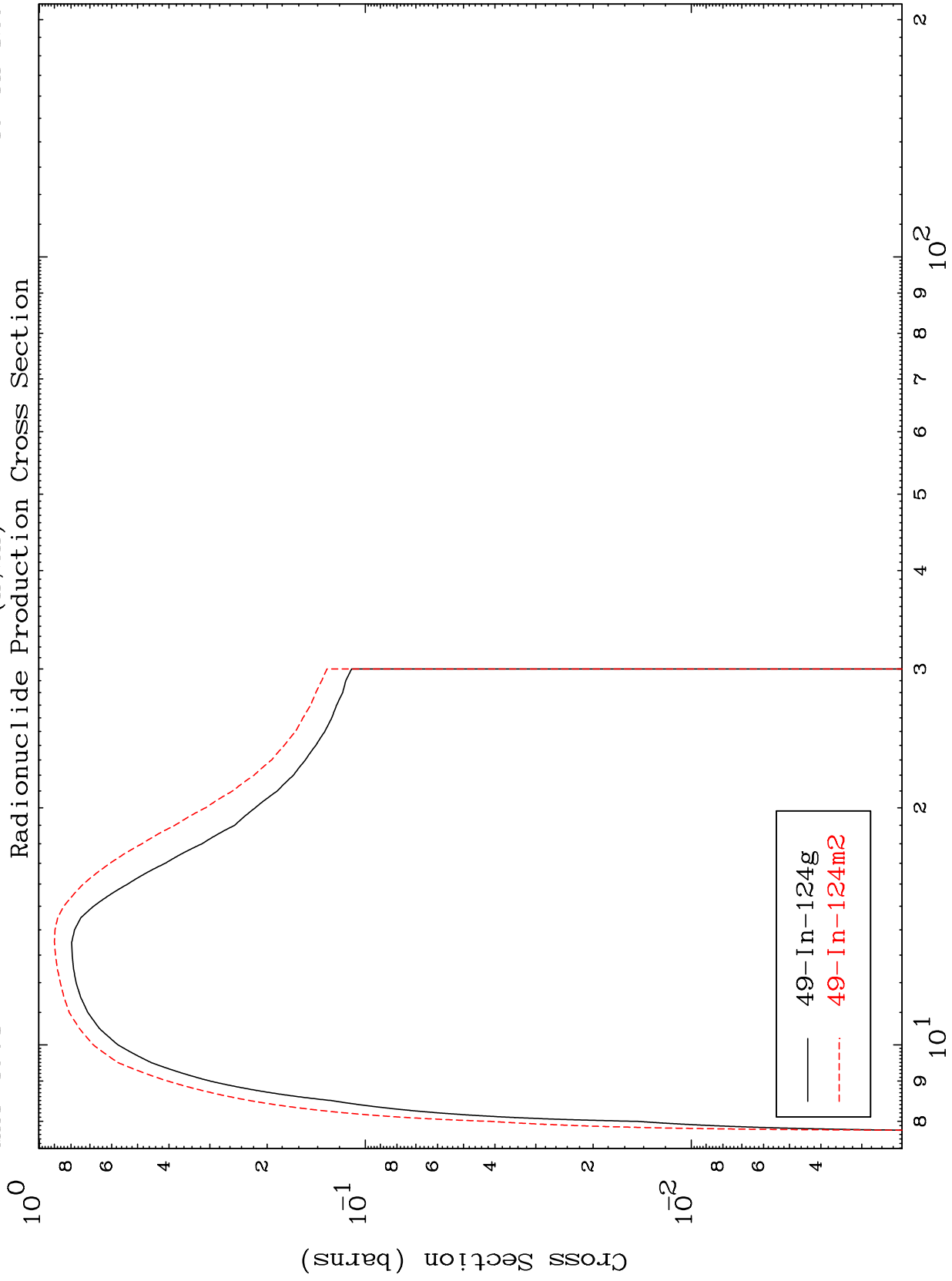
Incident Energy (MeV)

49-In-125

MAT 4961

(n,2n)

49-In-125



138

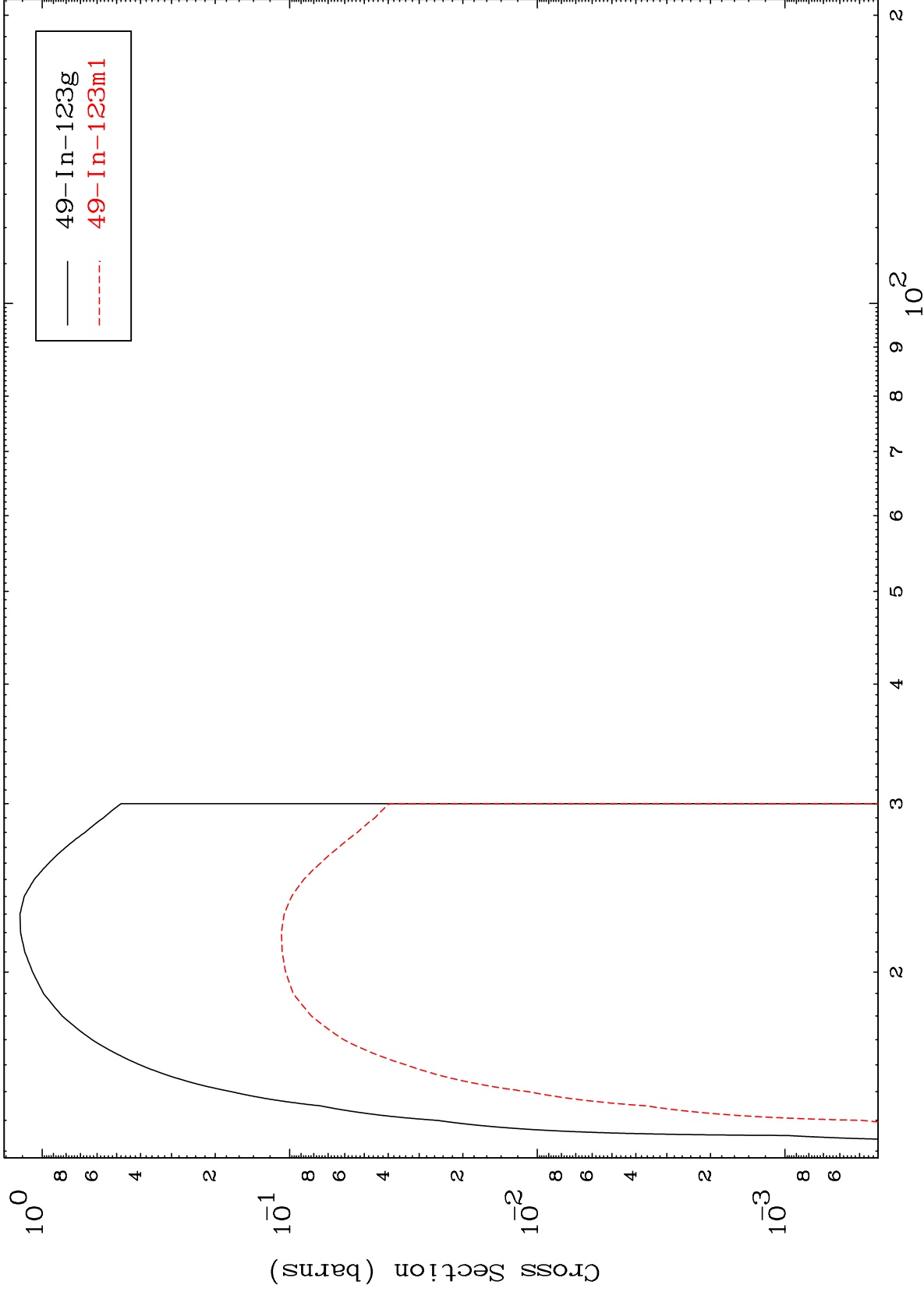
49-In-125

MAT 4961

(n,3n)

49-In-125

Radionuclide Production Cross Section



139

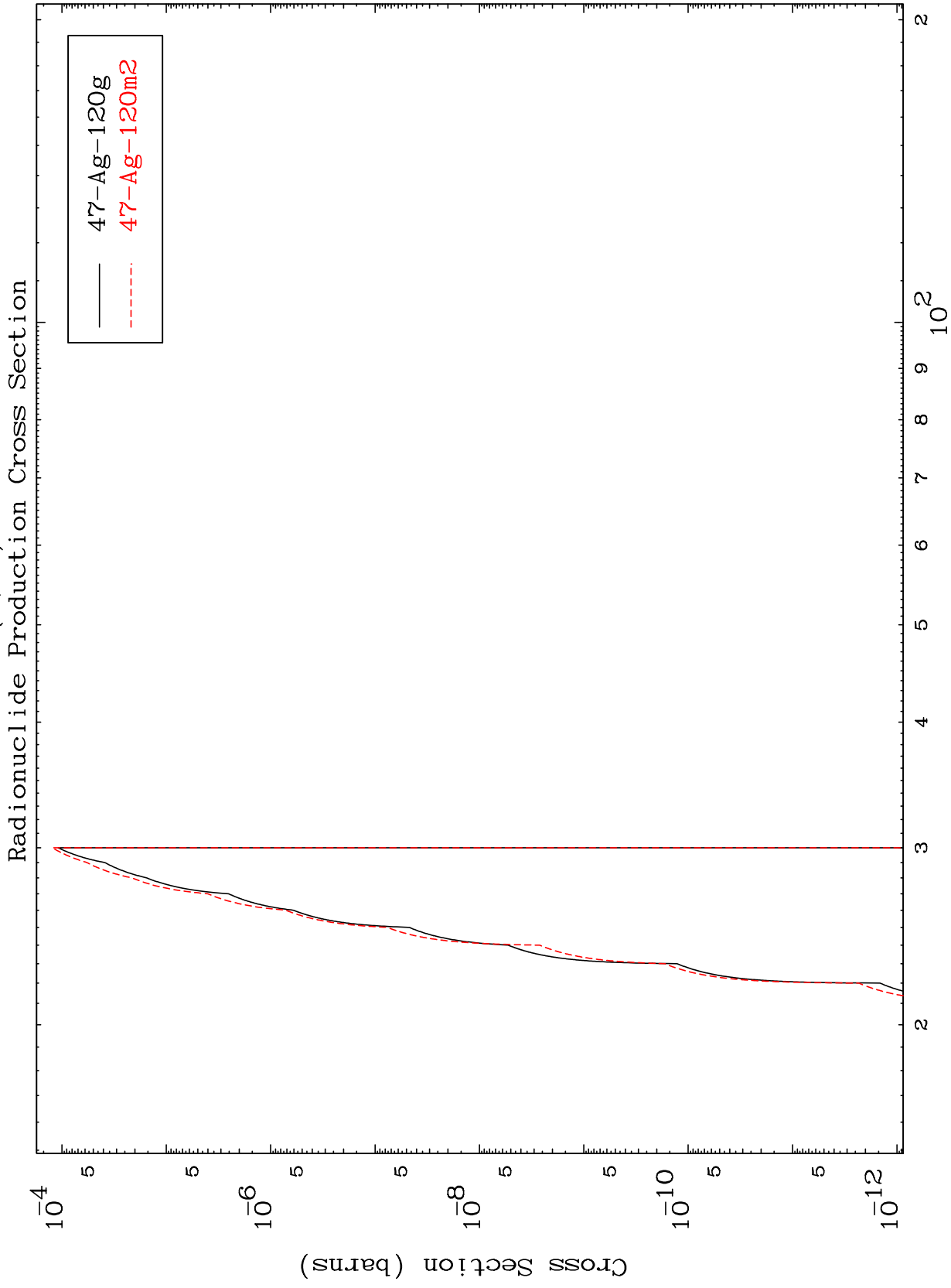
Incident Energy (MeV)

49-In-125

MAT 4961

(n,2n)  $\alpha$

49-In-125



140

Incident Energy (MeV)

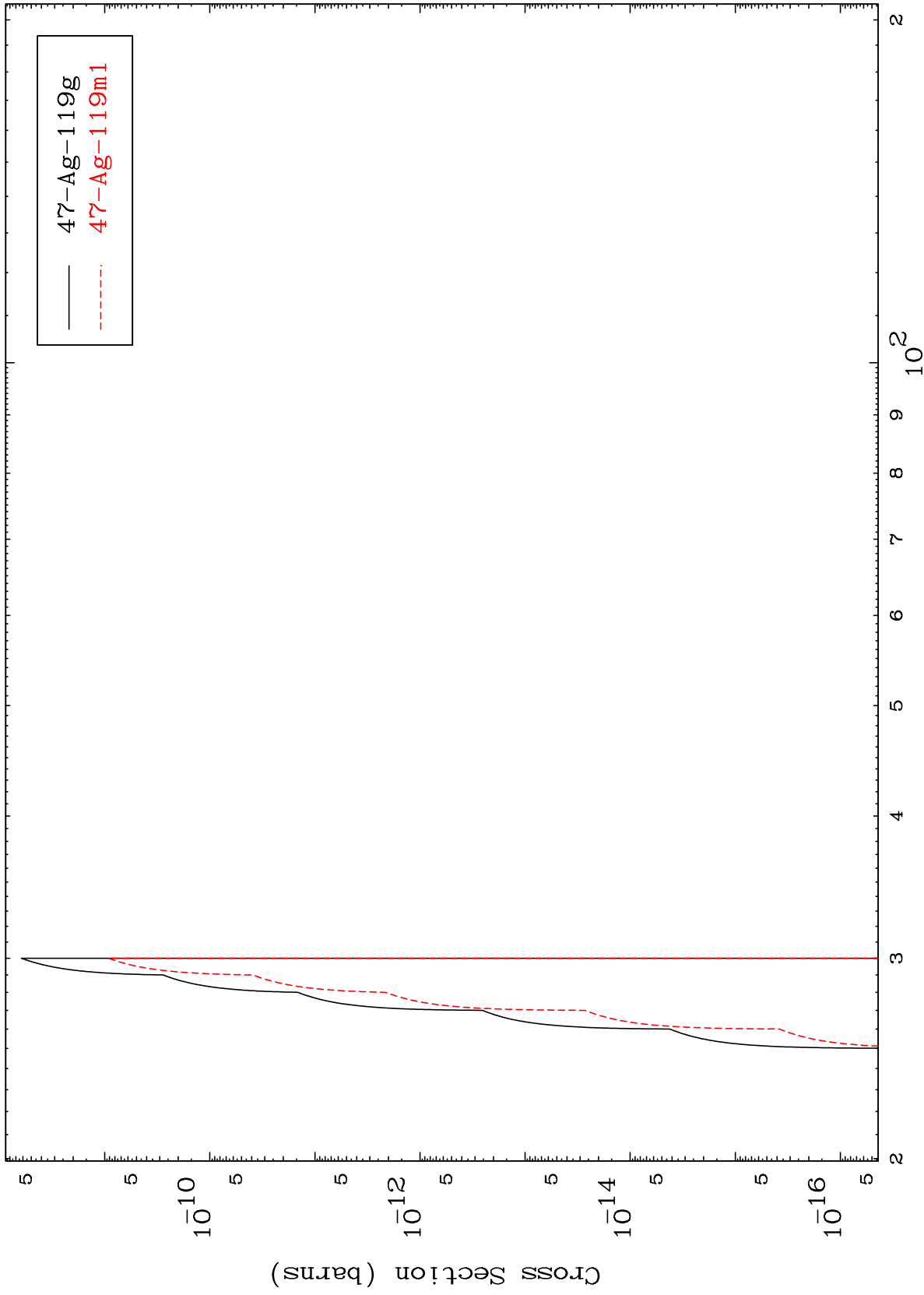
49-In-125

MAT 4961

(n,3n)  $\alpha$

49-In-125

Radionuclide Production Cross Section



141

Incident Energy (MeV)

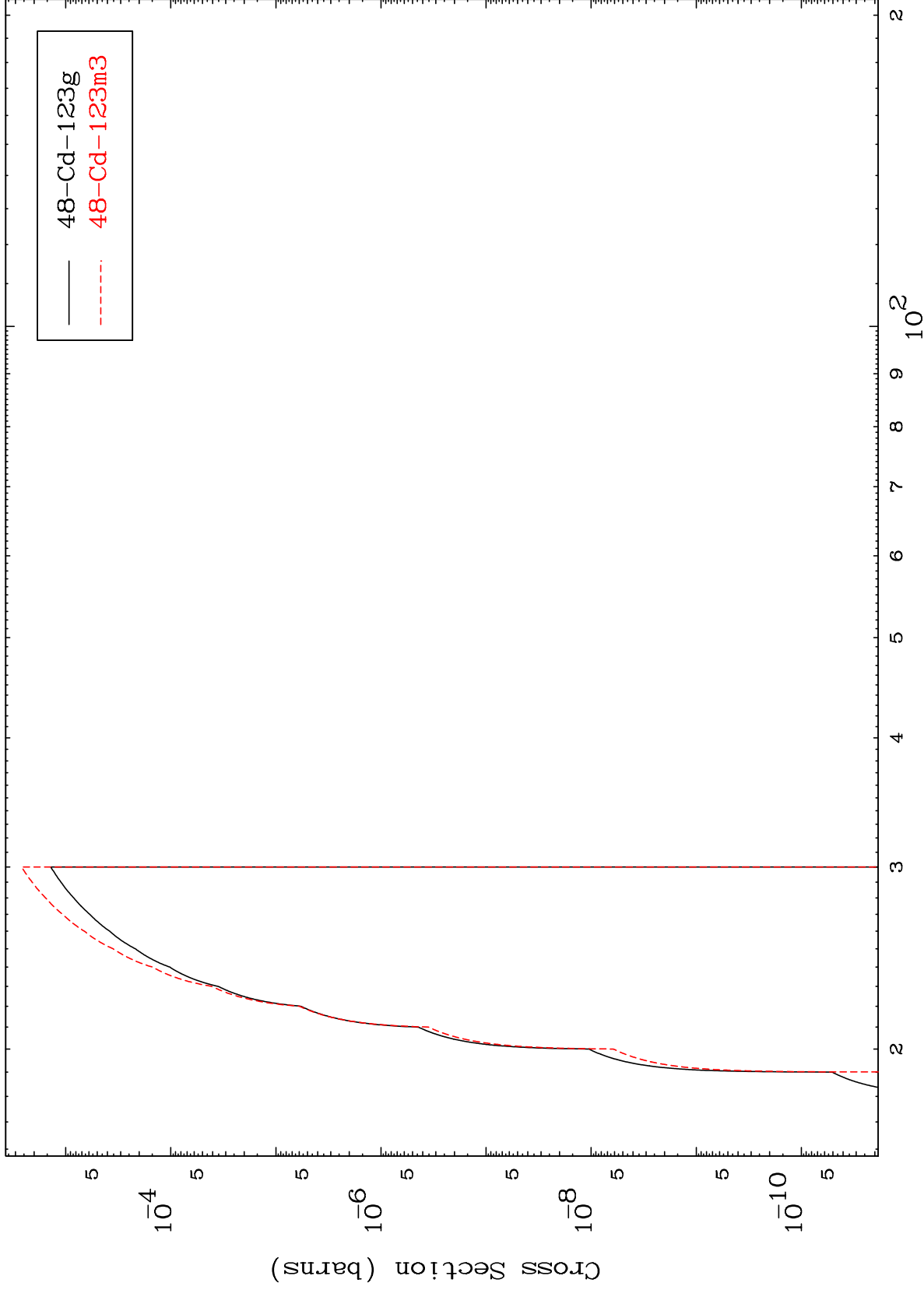
49-In-125

MAT 4961

(n,n') d

49-In-125

Radionuclide Production Cross Section



142

Incident Energy (MeV)

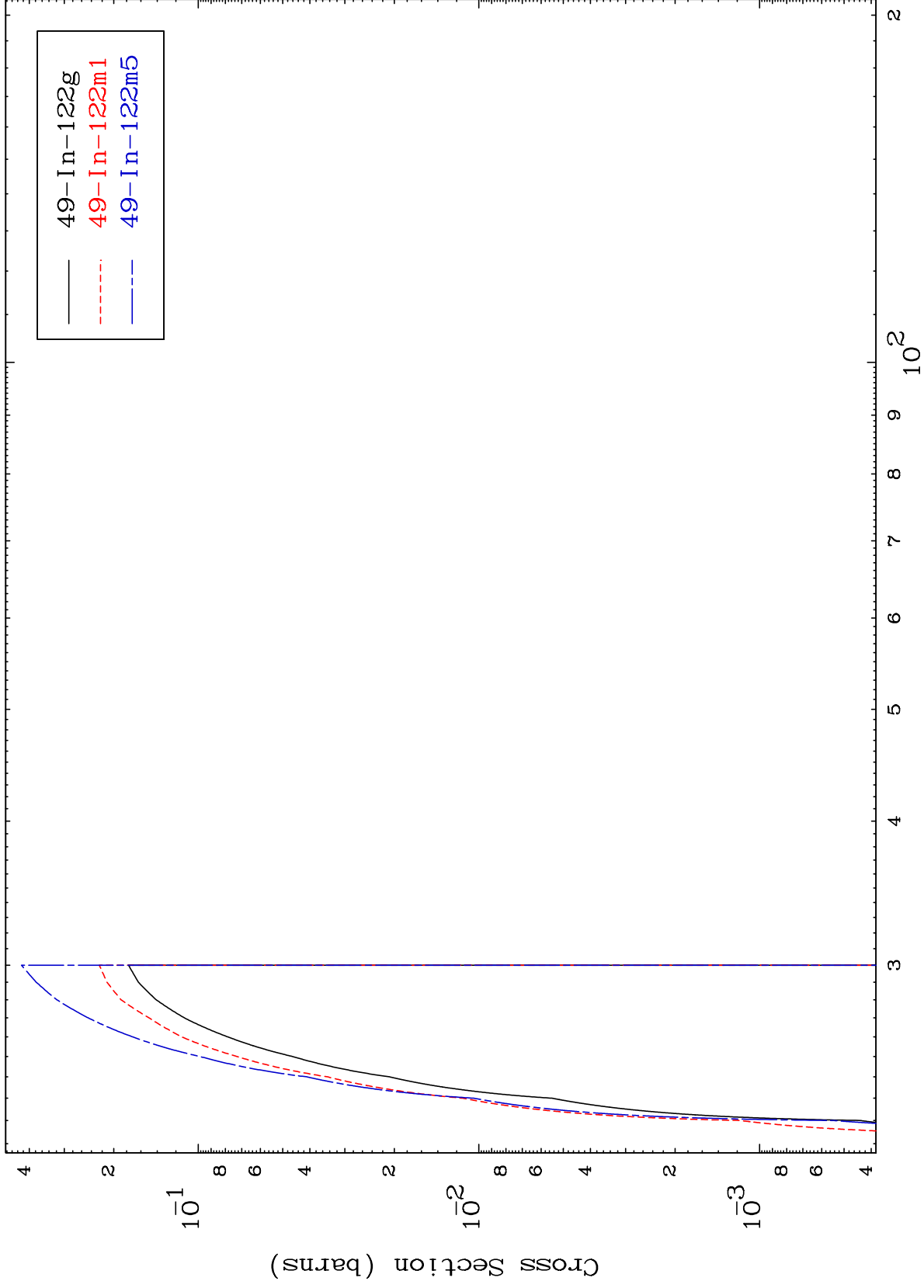
49-In-125

MAT 4961

(n,4n)

49-In-125

Radionuclide Production Cross Section



143

Incident Energy (MeV)

49-In-125

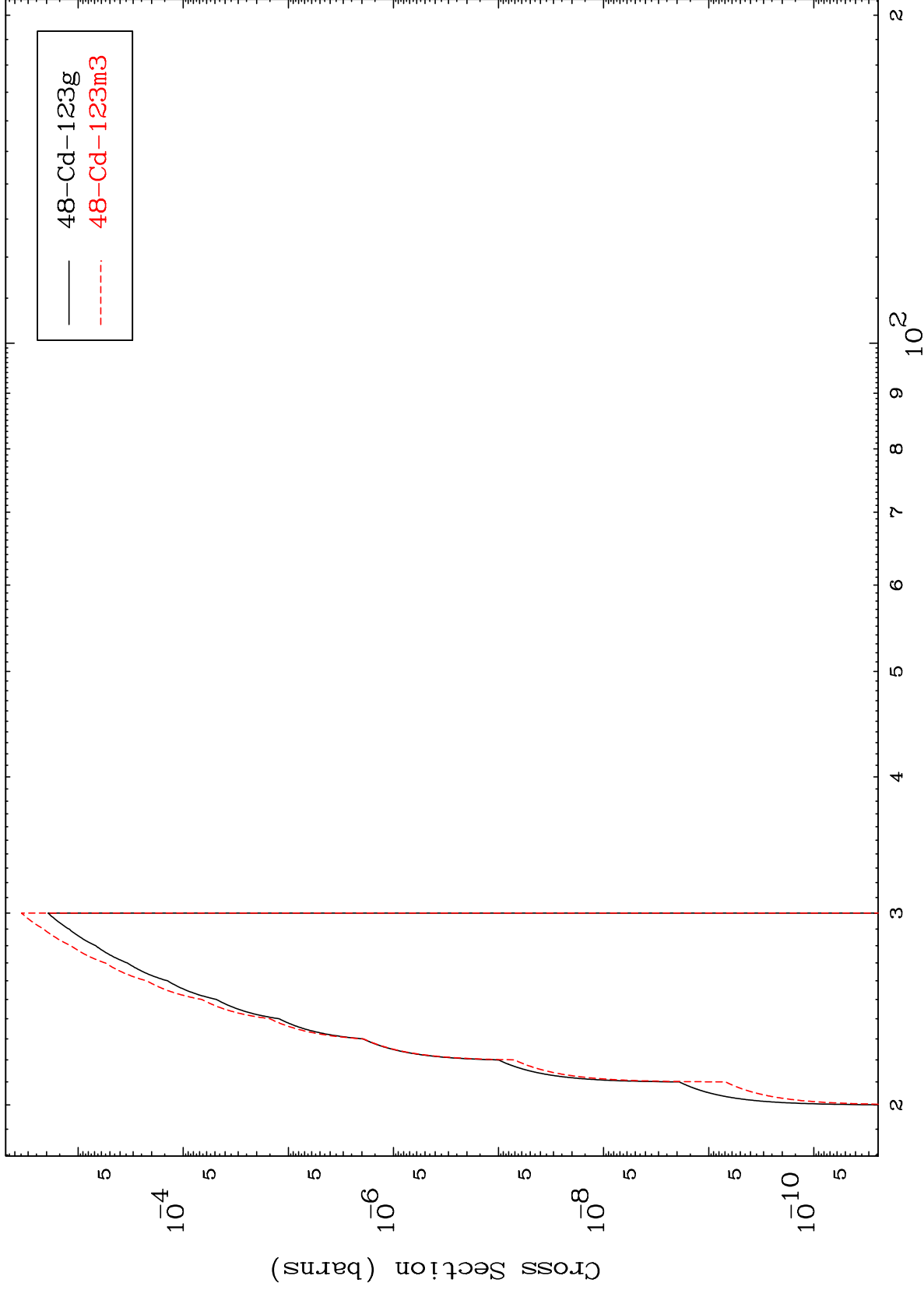


MAT 4961

(n,2n) p

49-In-125

Radionuclide Production Cross Section



144

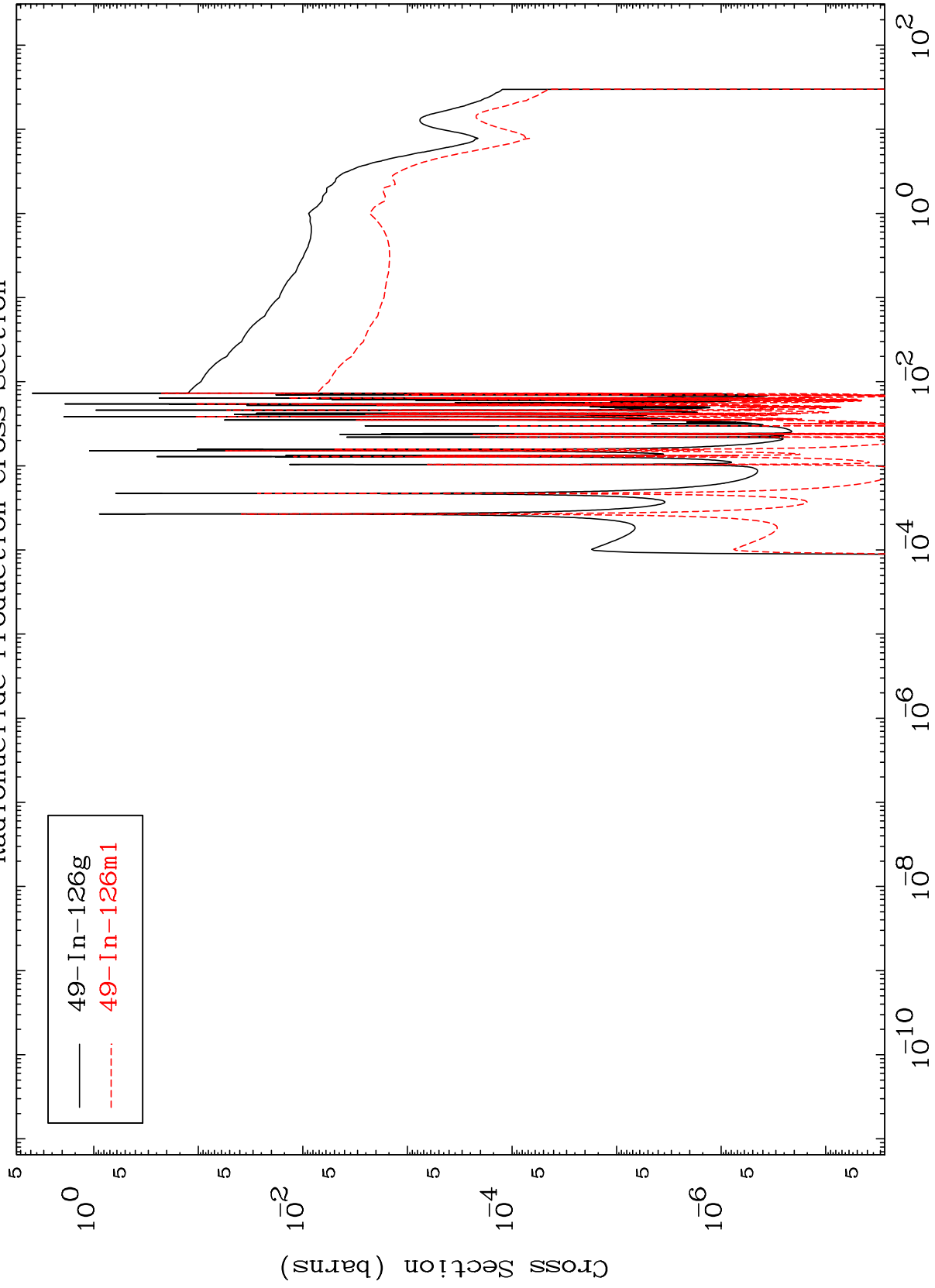
Incident Energy (MeV)

49-In-125

MAT 4961

49-In-125

Radionuclide Production Cross Section  
(n,γ)



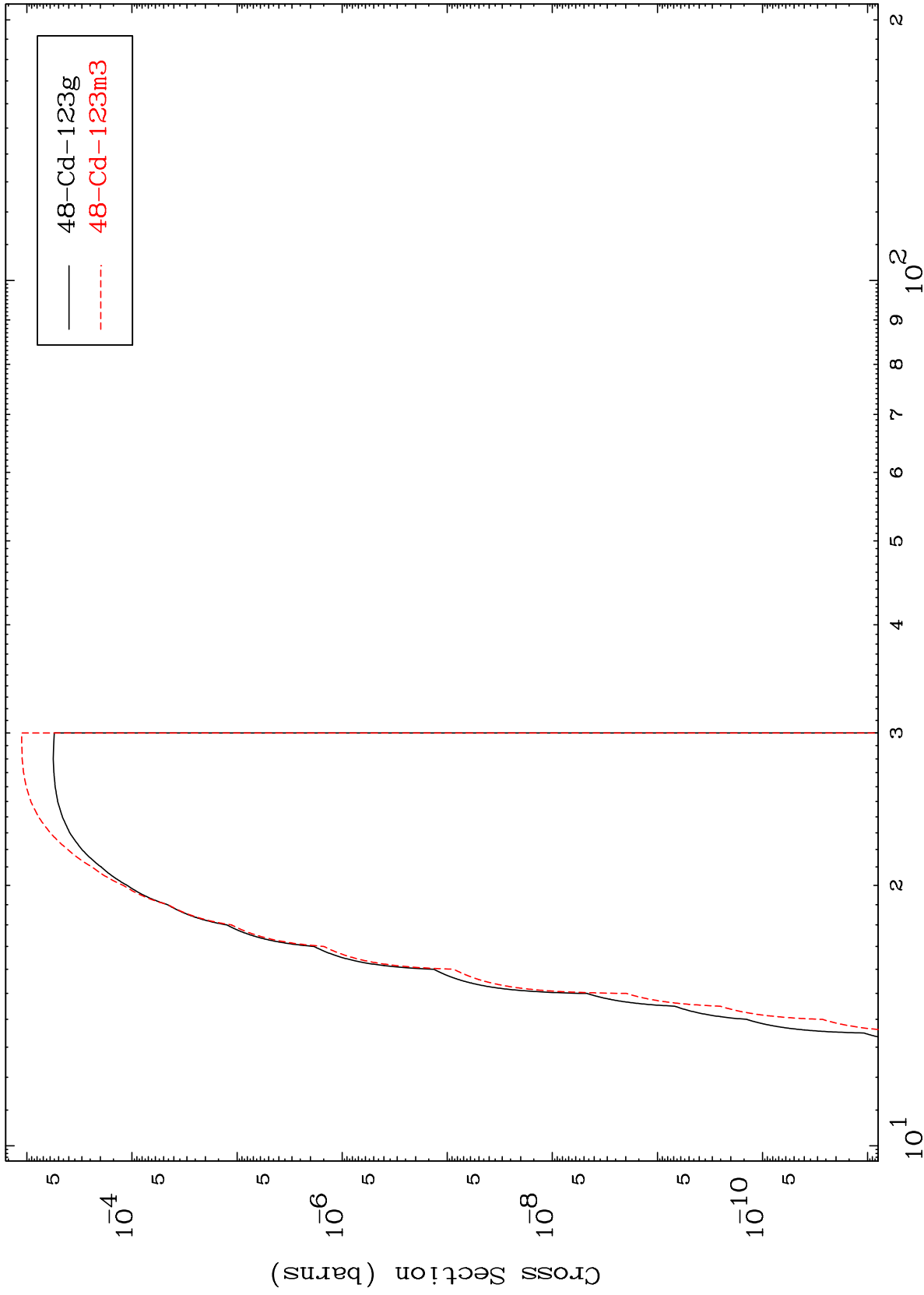
145

MAT 4961

(n, t)

49-In-125

Radionuclide Production Cross Section



146

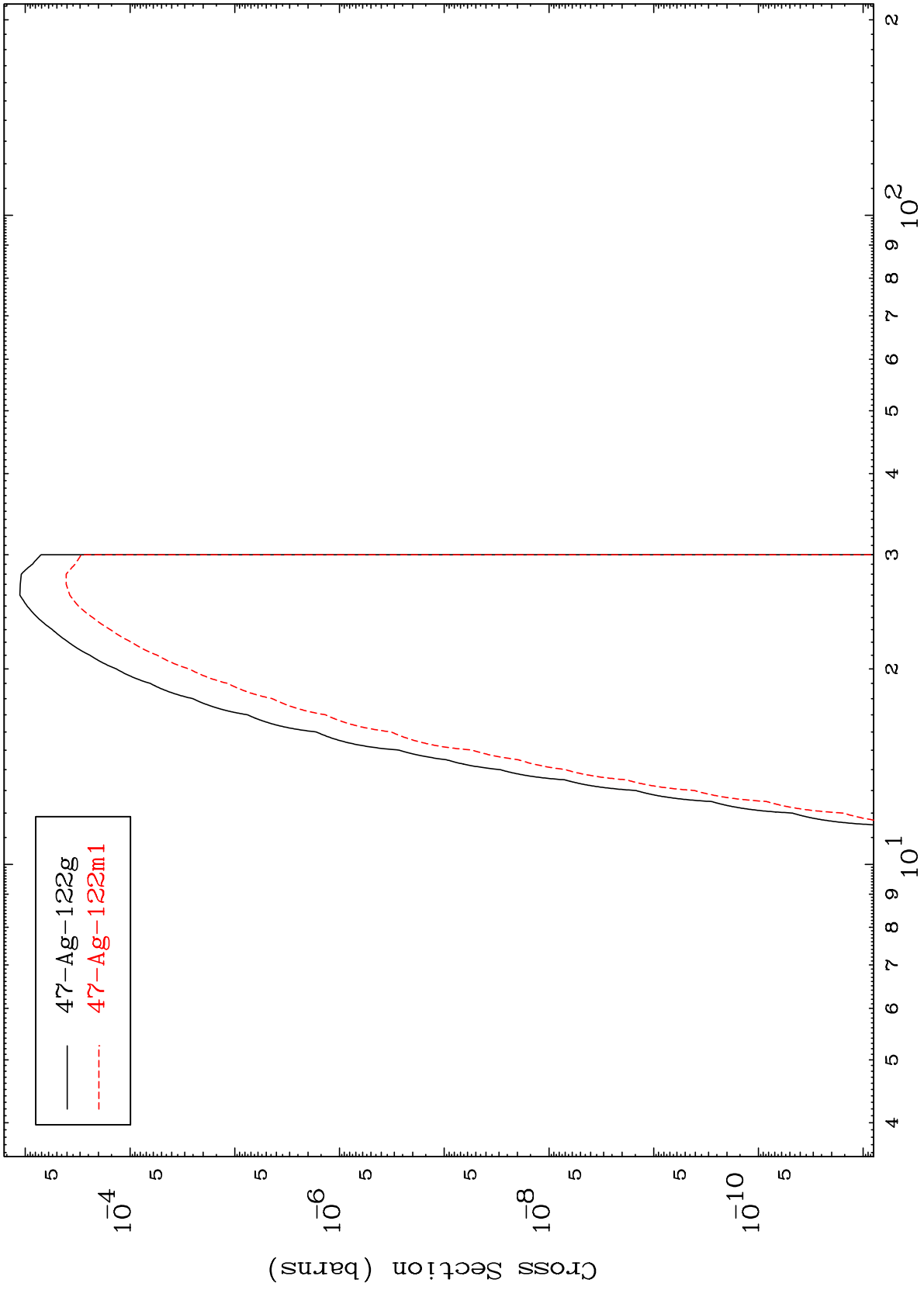
Incident Energy (MeV)

49-In-125

MAT 4961

49-In-125

(n,  $\alpha$ )  
Radionuclide Production Cross Section



147

49-In-125