

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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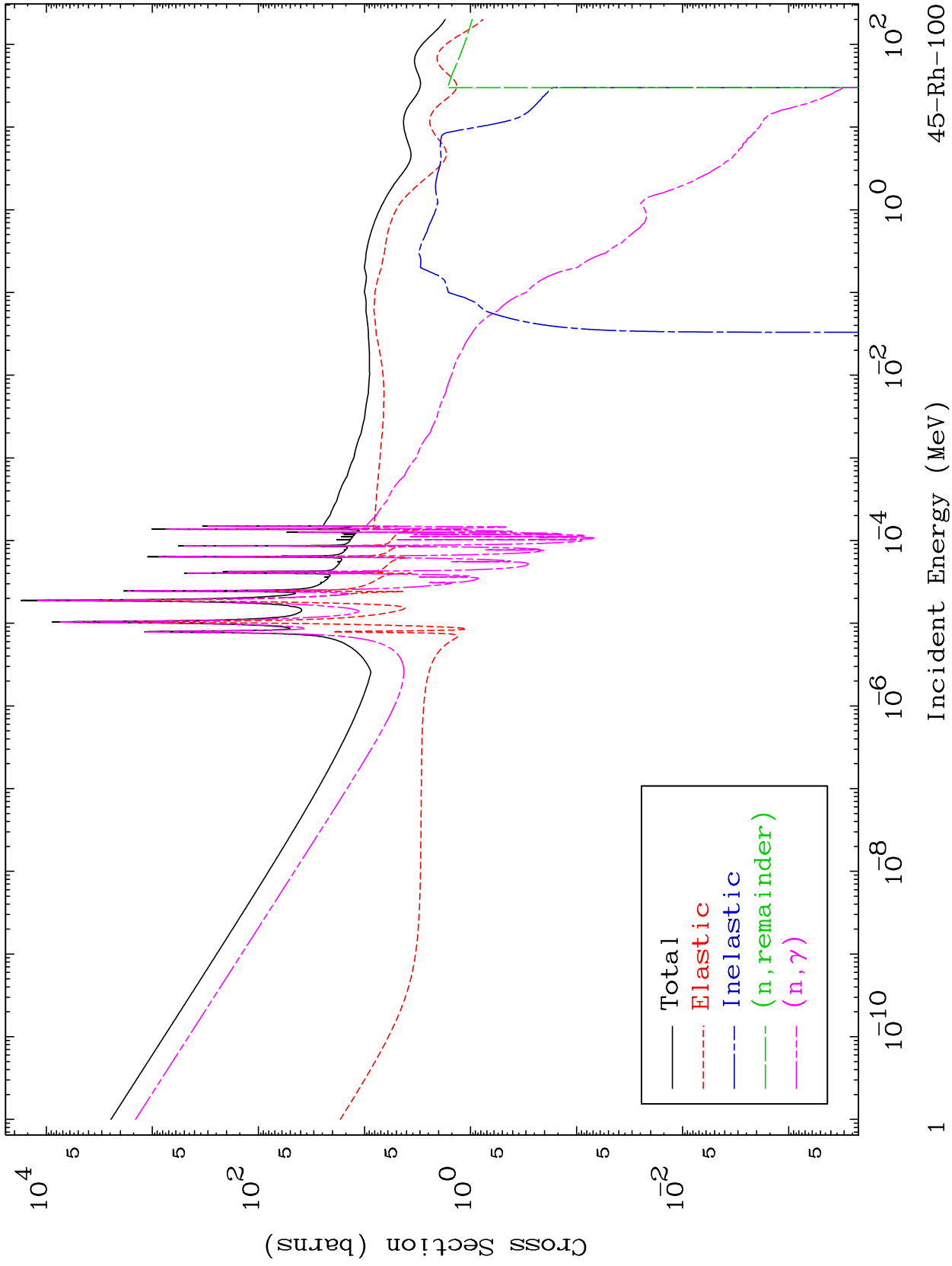
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4516

Major  
293 Kelvin Cross Sections

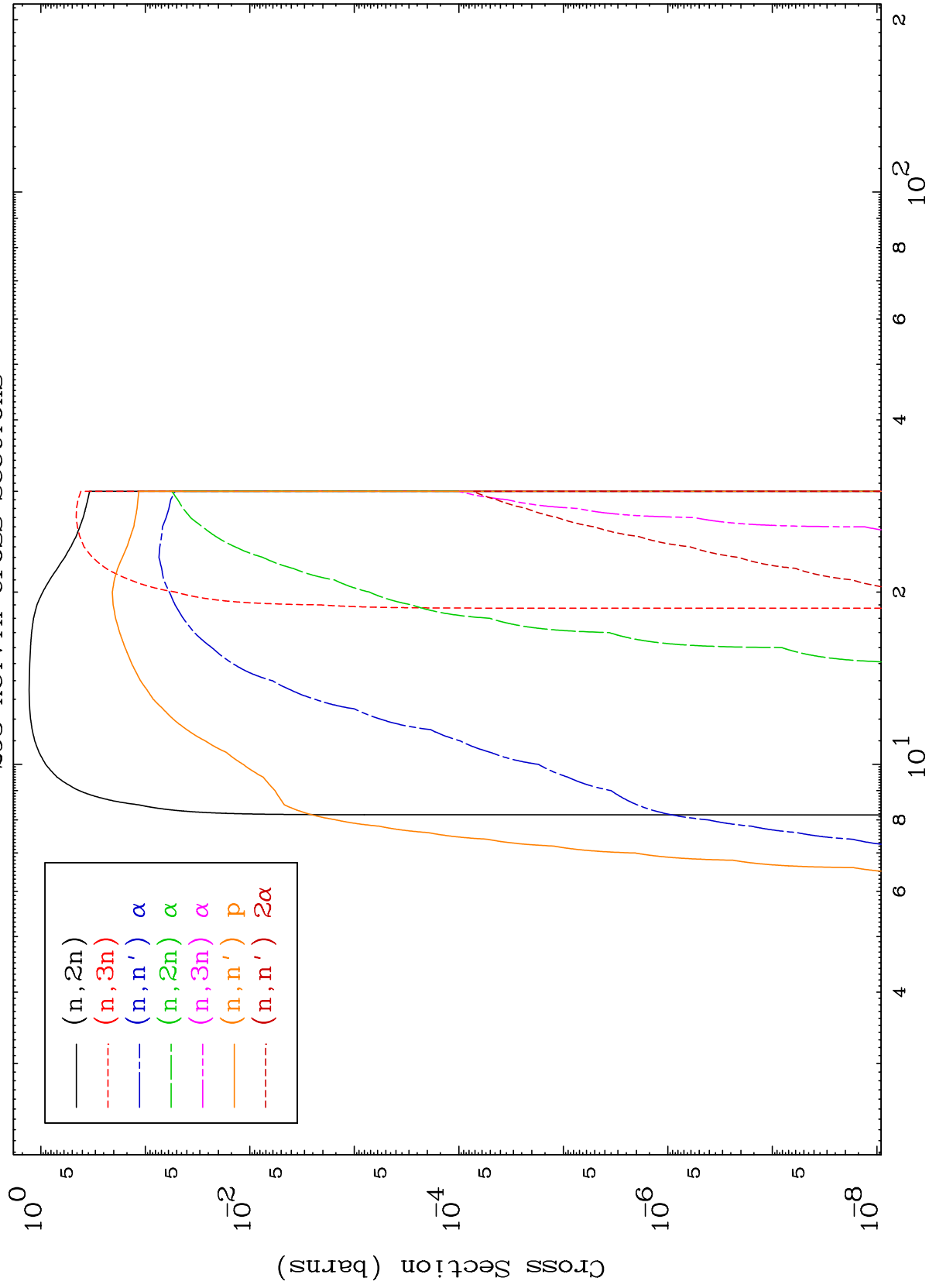
45-Rh-100



MAT 4516

Neutron Production  
293 Kelvin Cross Sections

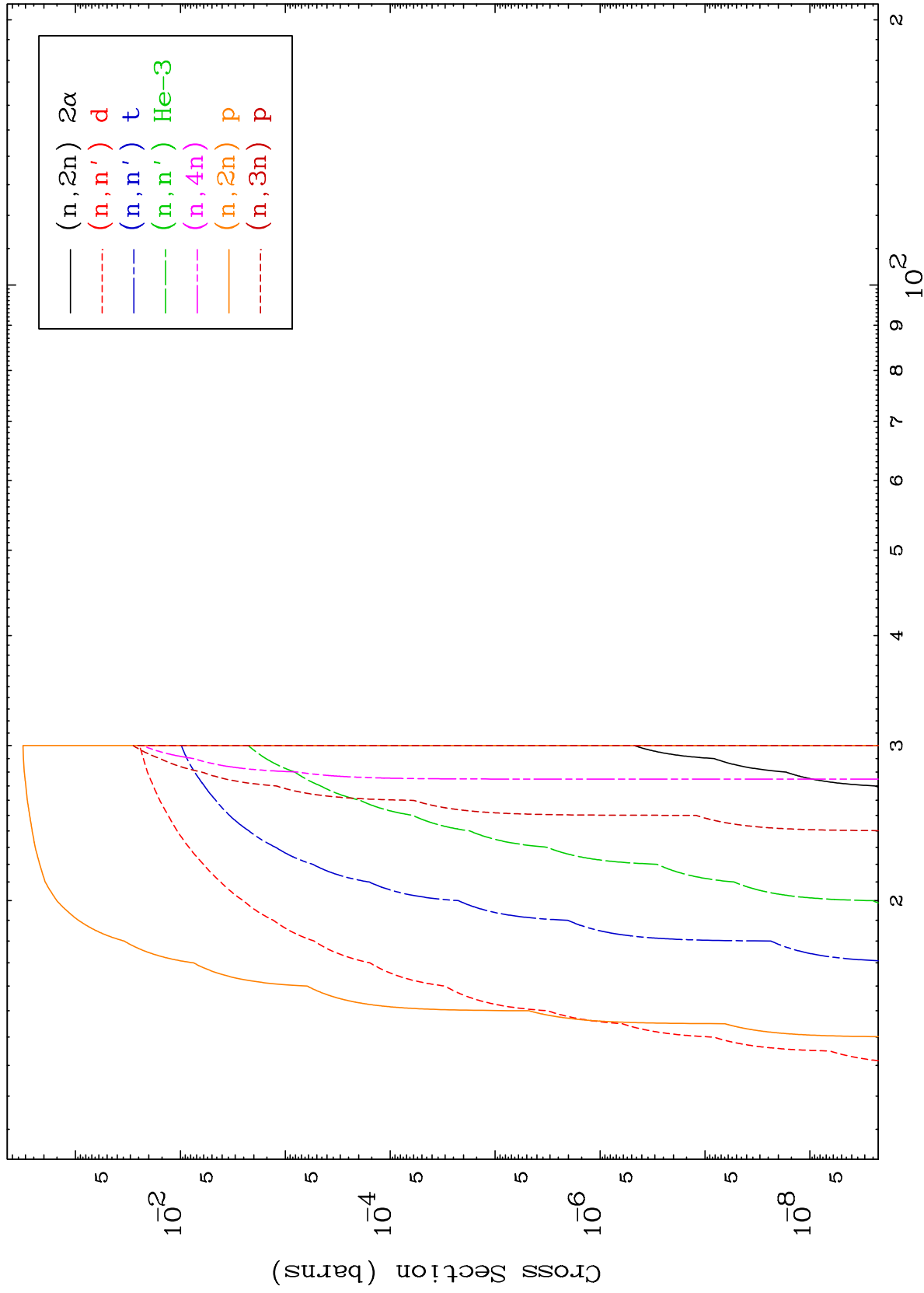
45-Rh-100

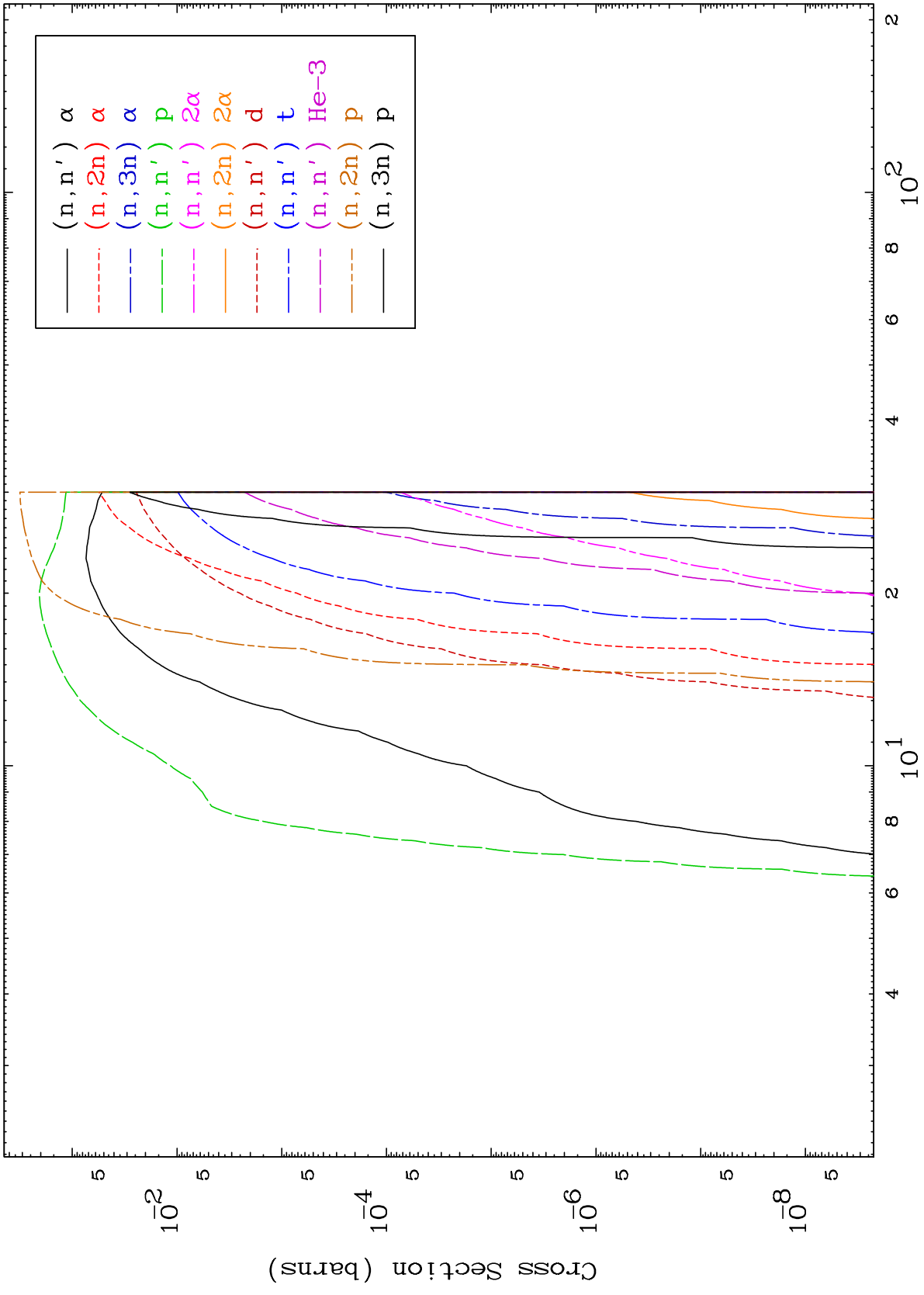


2

Incident Energy (MeV)

45-Rh-100

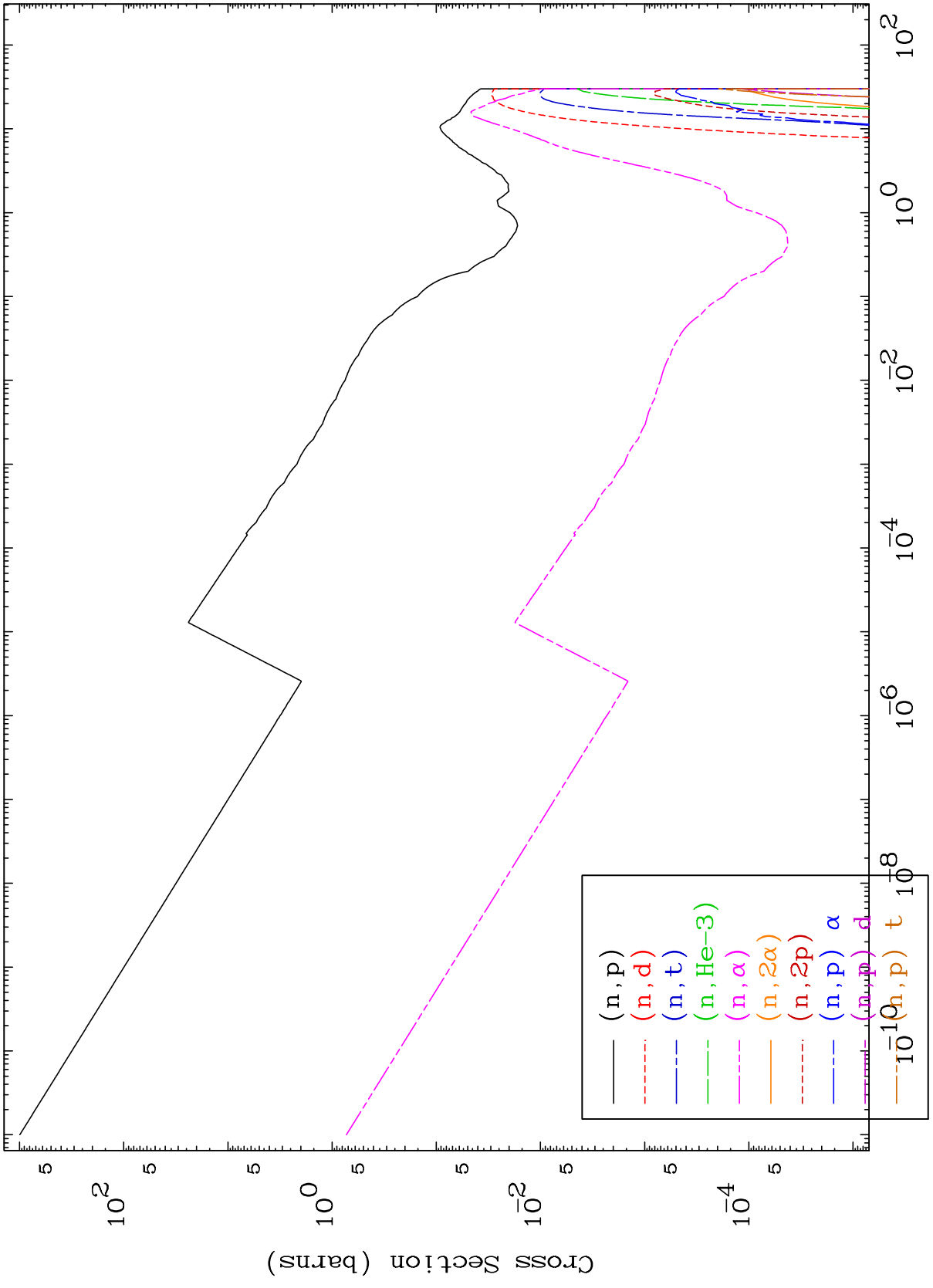




MAT 4516

Charged Particle  
293 Kelvin Cross Sections

45-Rh-100



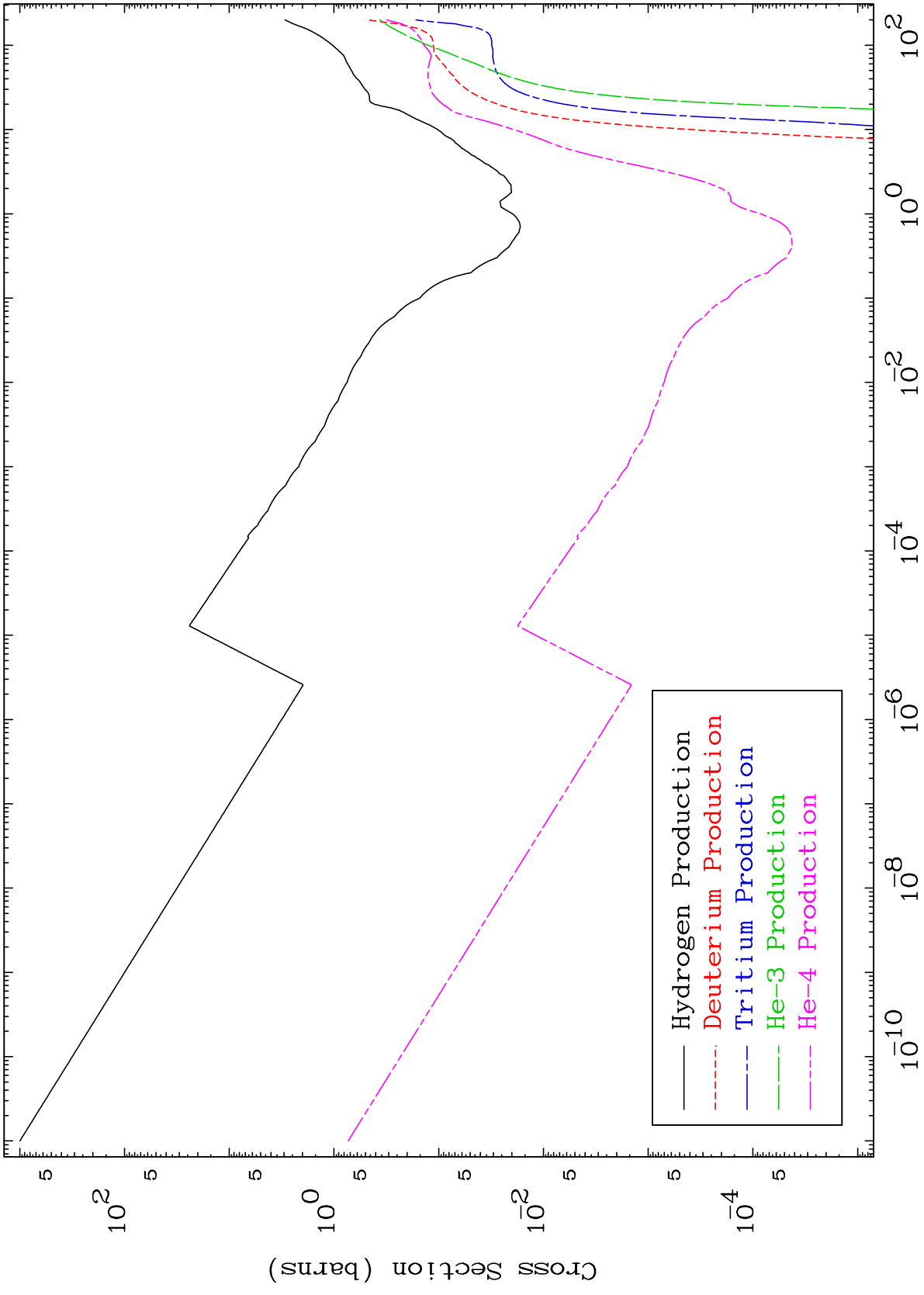
5

45-Rh-100

MAT 4516

Particle Production  
293 Kelvin Cross Sections

45-Rh-100

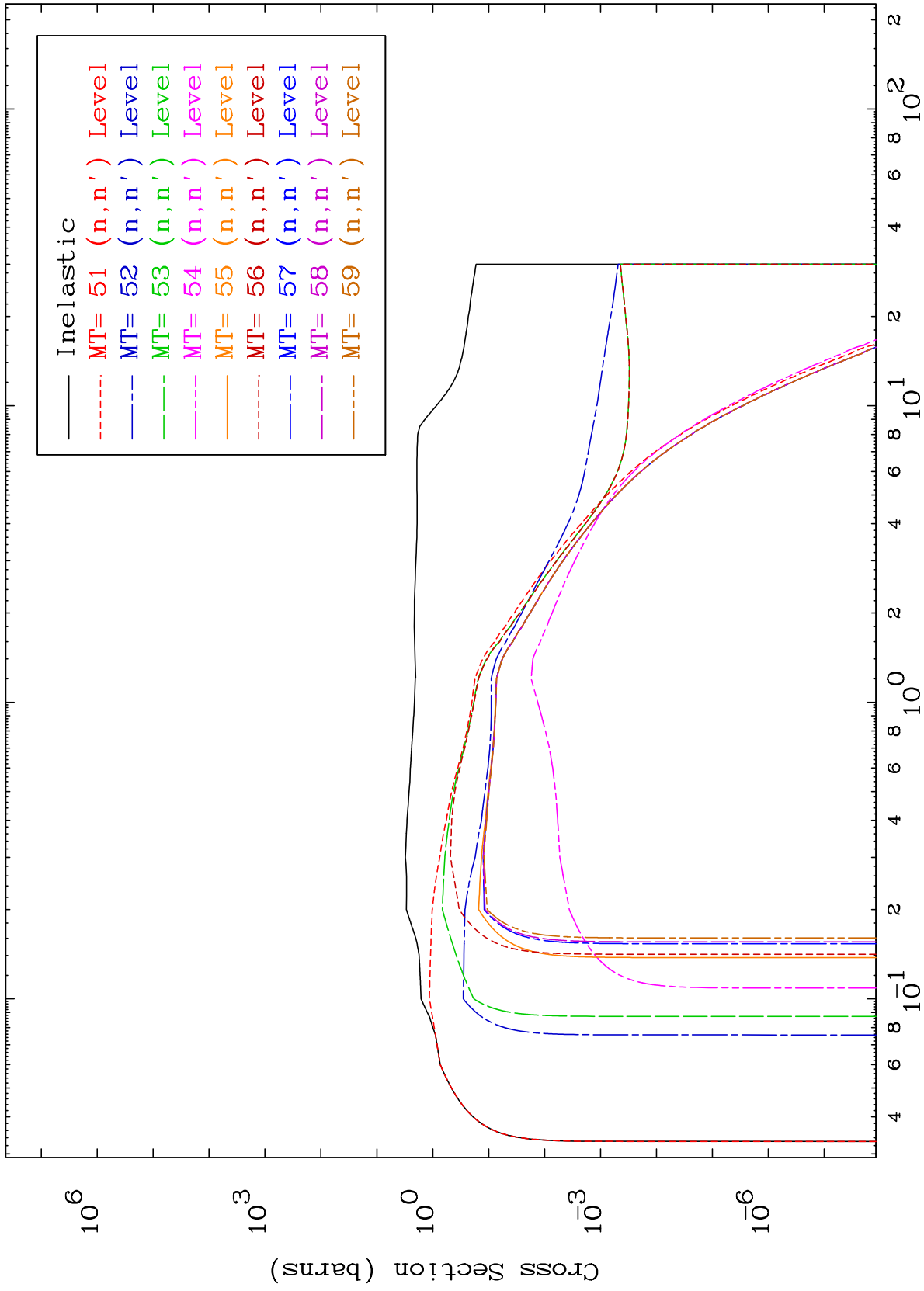


MAT 4516

(n,n') Level

45-Rh-100

293 Kelvin Cross Sections



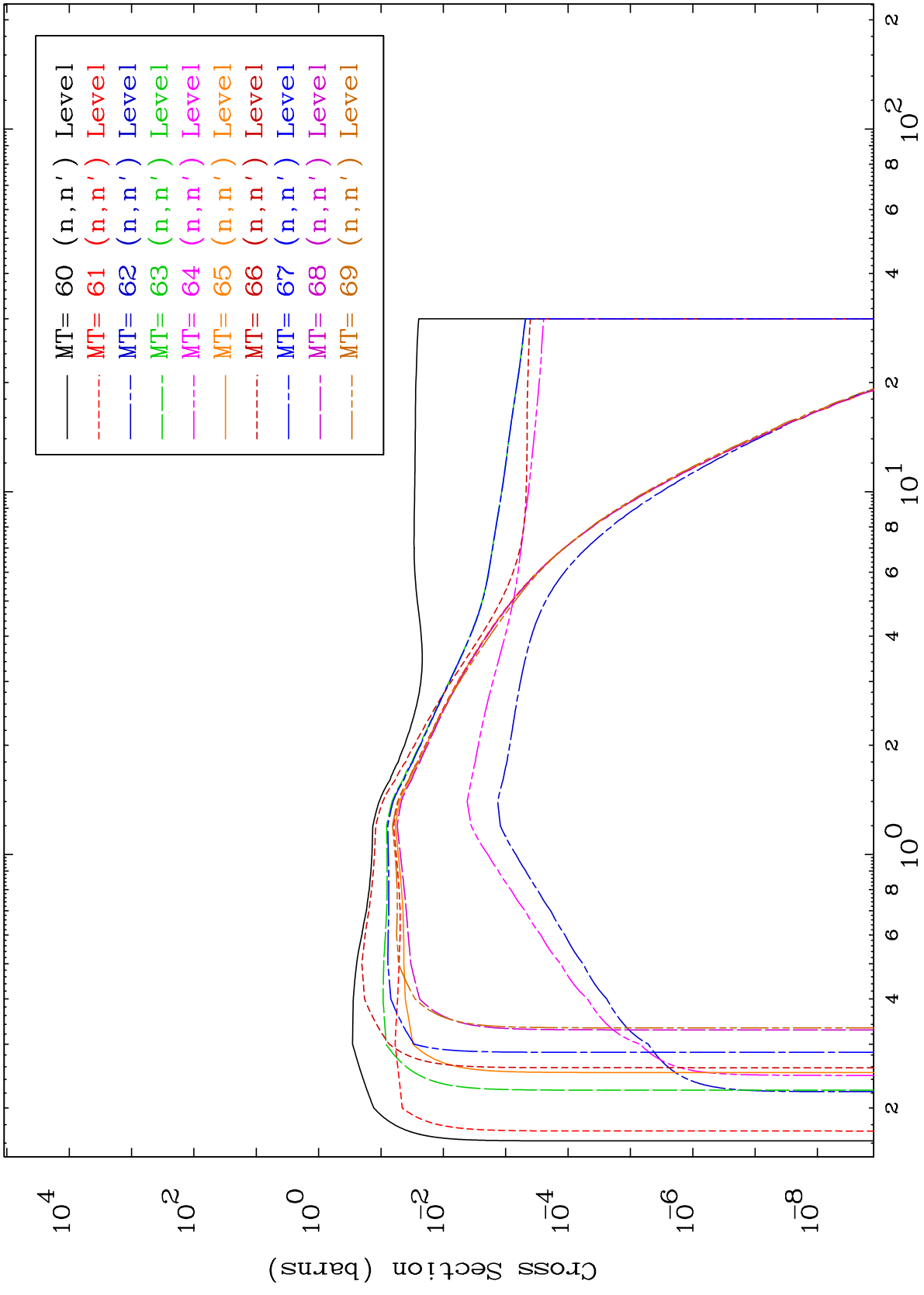


MAT 4516

(n,n') Level

45-Rh-100

293 Kelvin Cross Sections



8

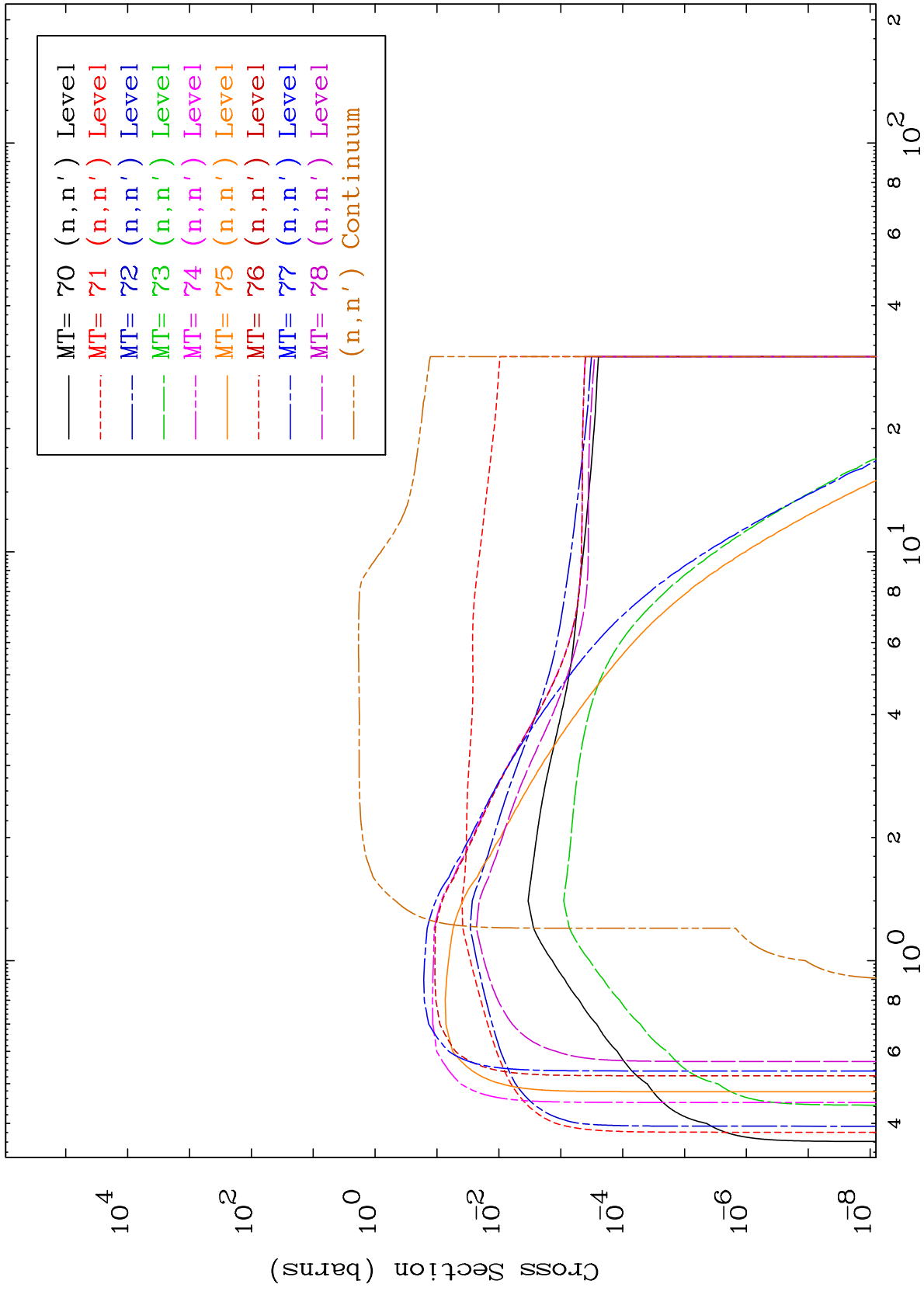
Incident Energy (MeV)

45-Rh-100

MAT 4516

(n,n') Level  
293 Kelvin Cross Sections

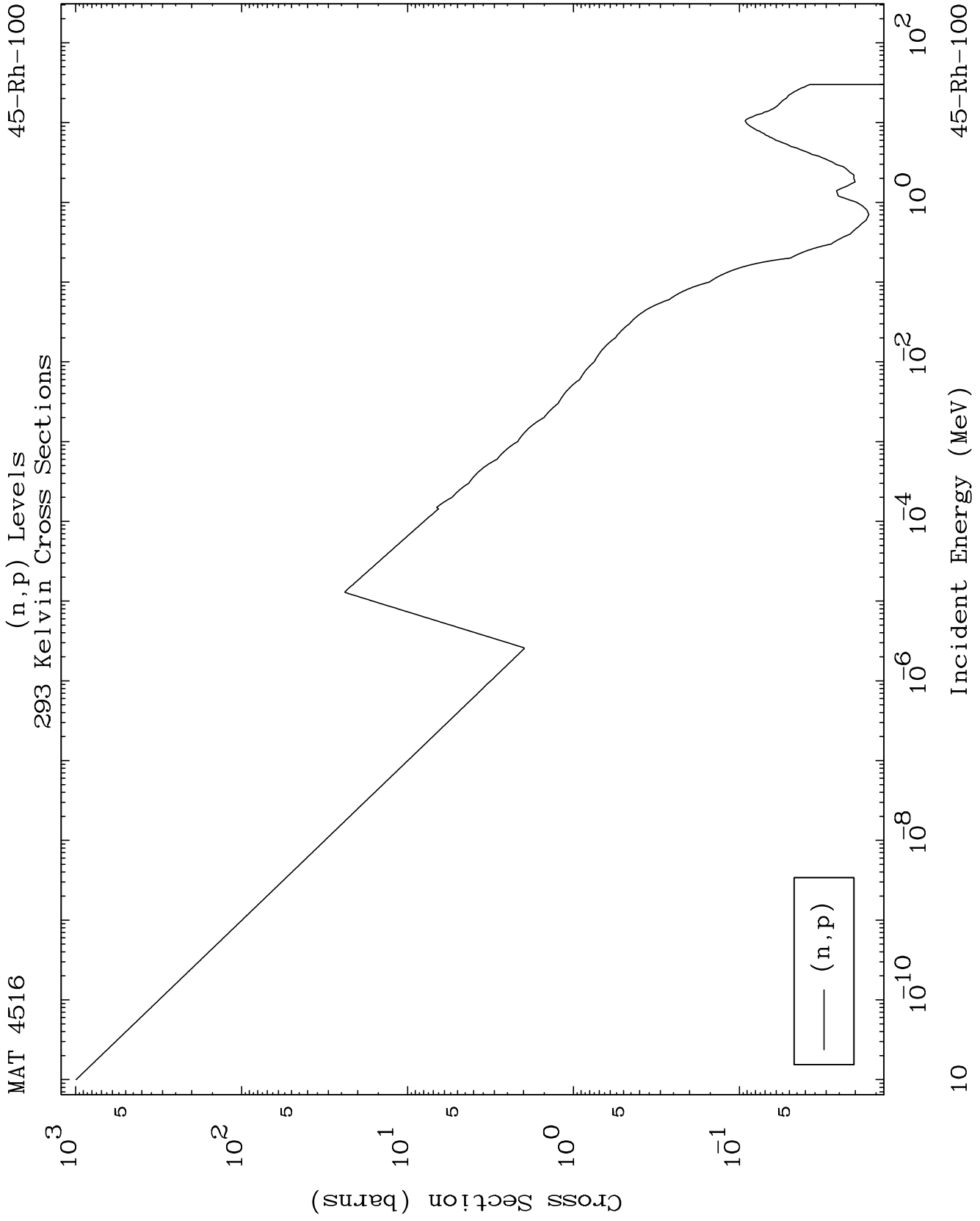
45-Rh-100



9

Incident Energy (MeV)

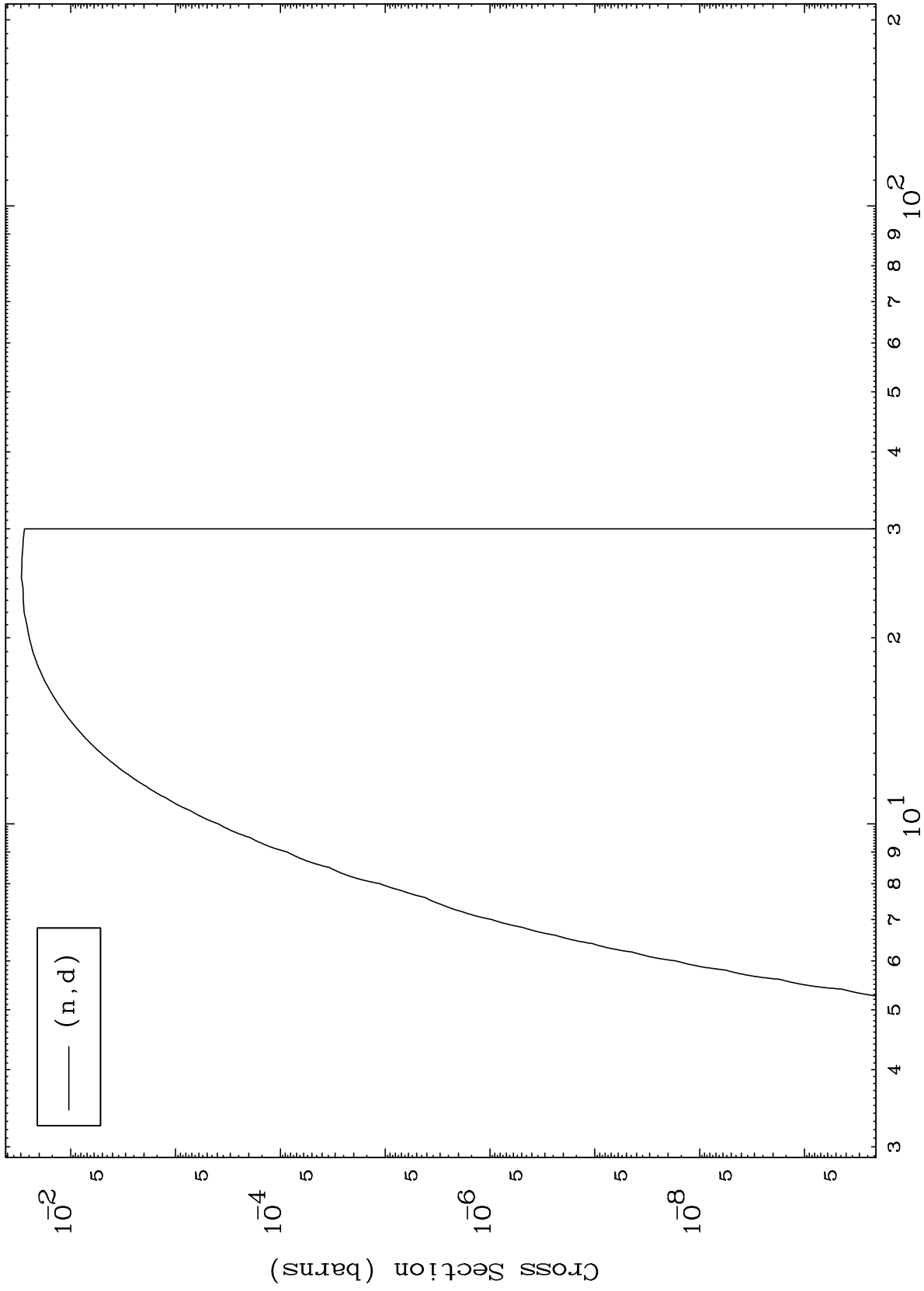
45-Rh-100



MAT 4516

(n,d) Levels  
293 Kelvin Cross Sections

45-Rh-100



11

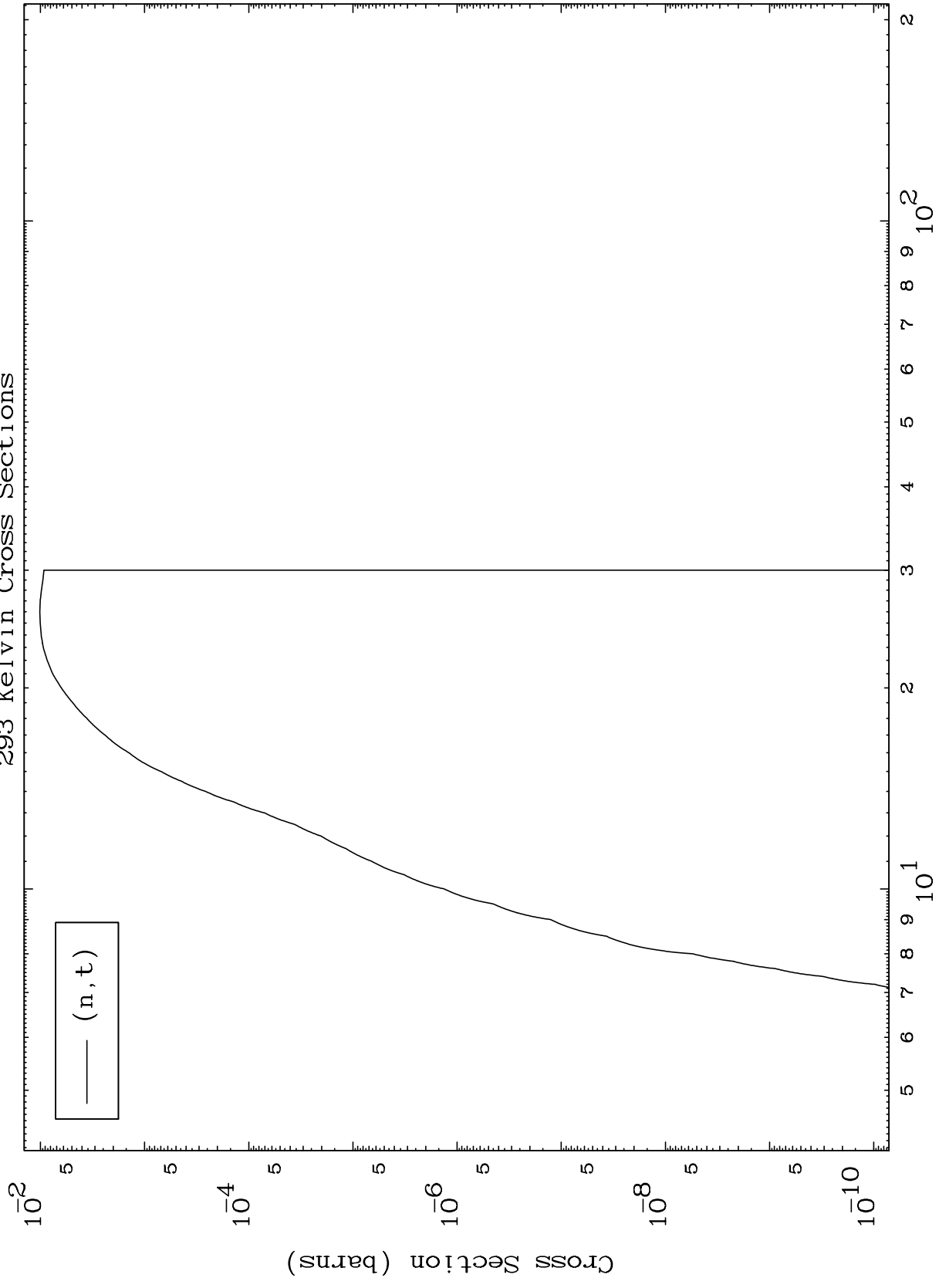
Incident Energy (MeV)

45-Rh-100

MAT 4516

(n,t) Levels  
293 Kelvin Cross Sections

45-Rh-100



12

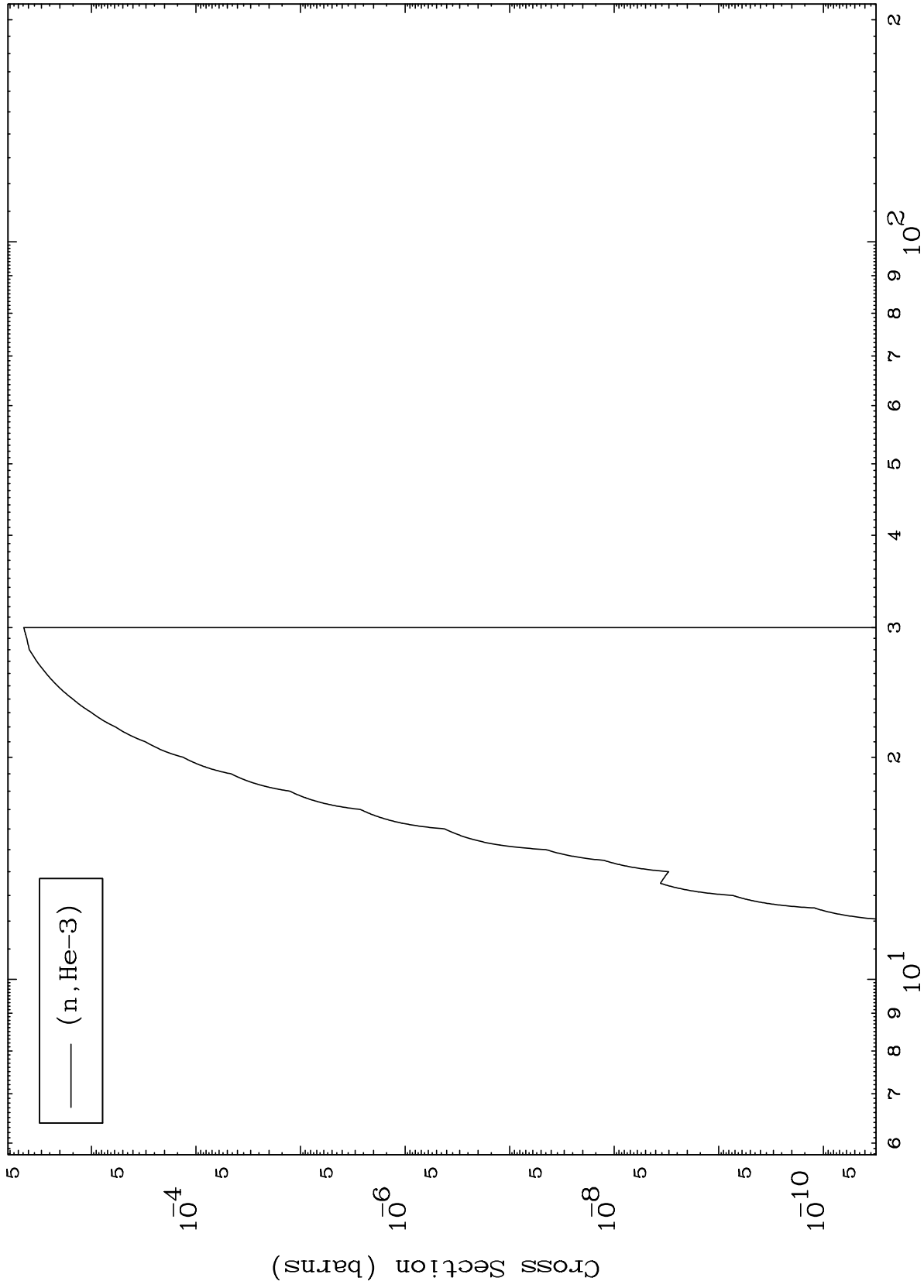
Incident Energy (MeV)

45-Rh-100

MAT 4516

(n,He3) Levels  
293 Kelvin Cross Sections

45-Rh-100



13

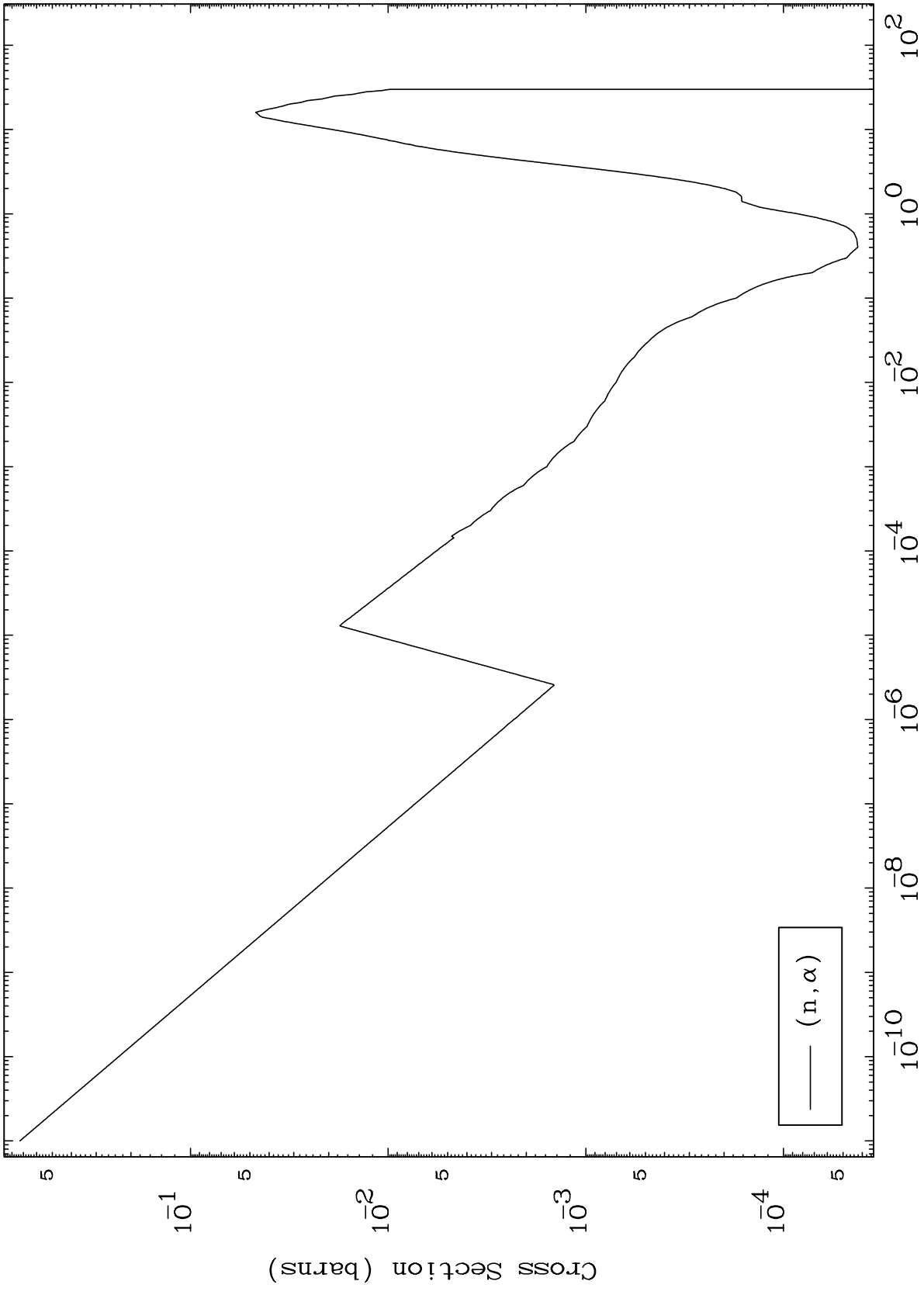
Incident Energy (MeV)

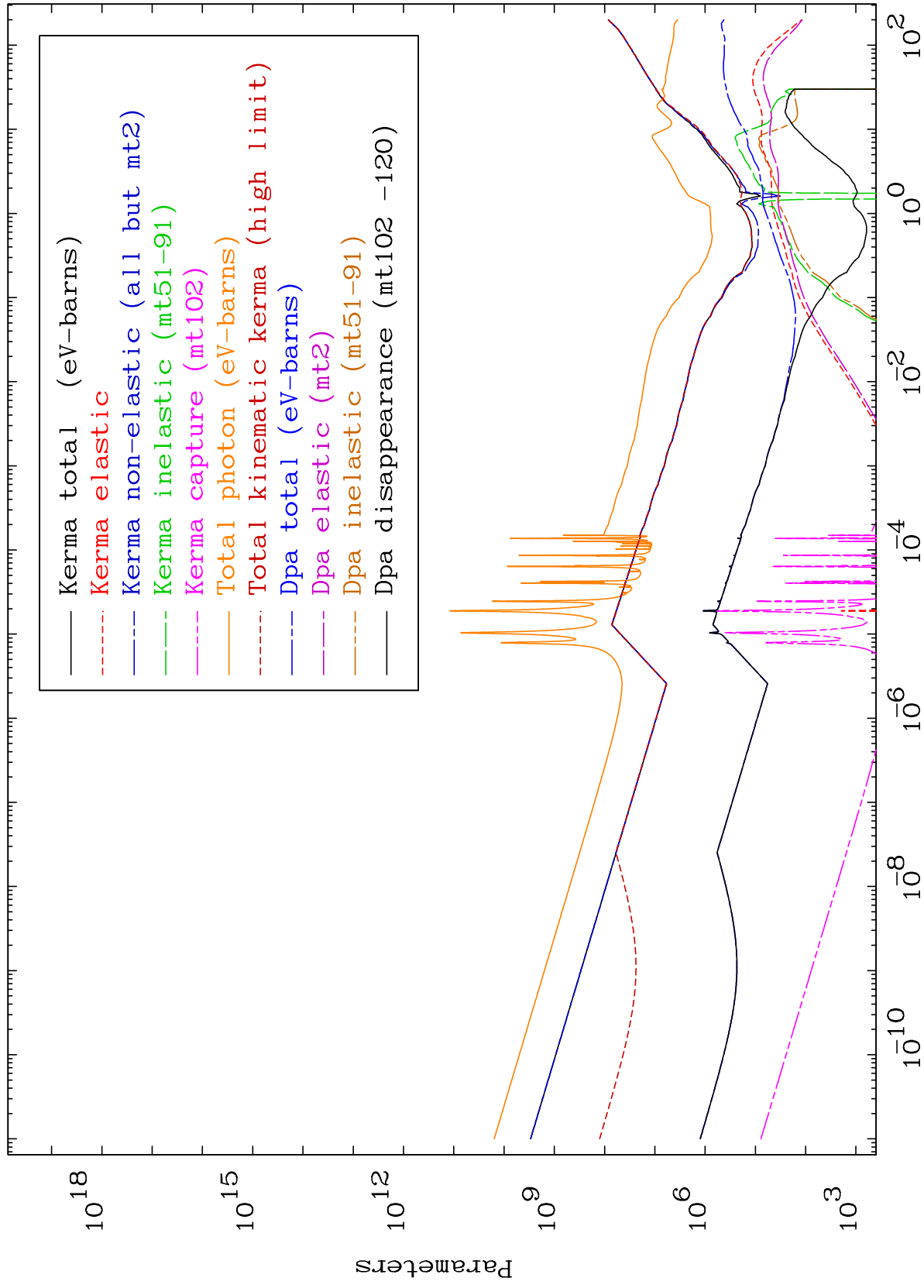
45-Rh-100

MAT 4516

(n,α) Levels  
293 Kelvin Cross Sections

45-Rh-100



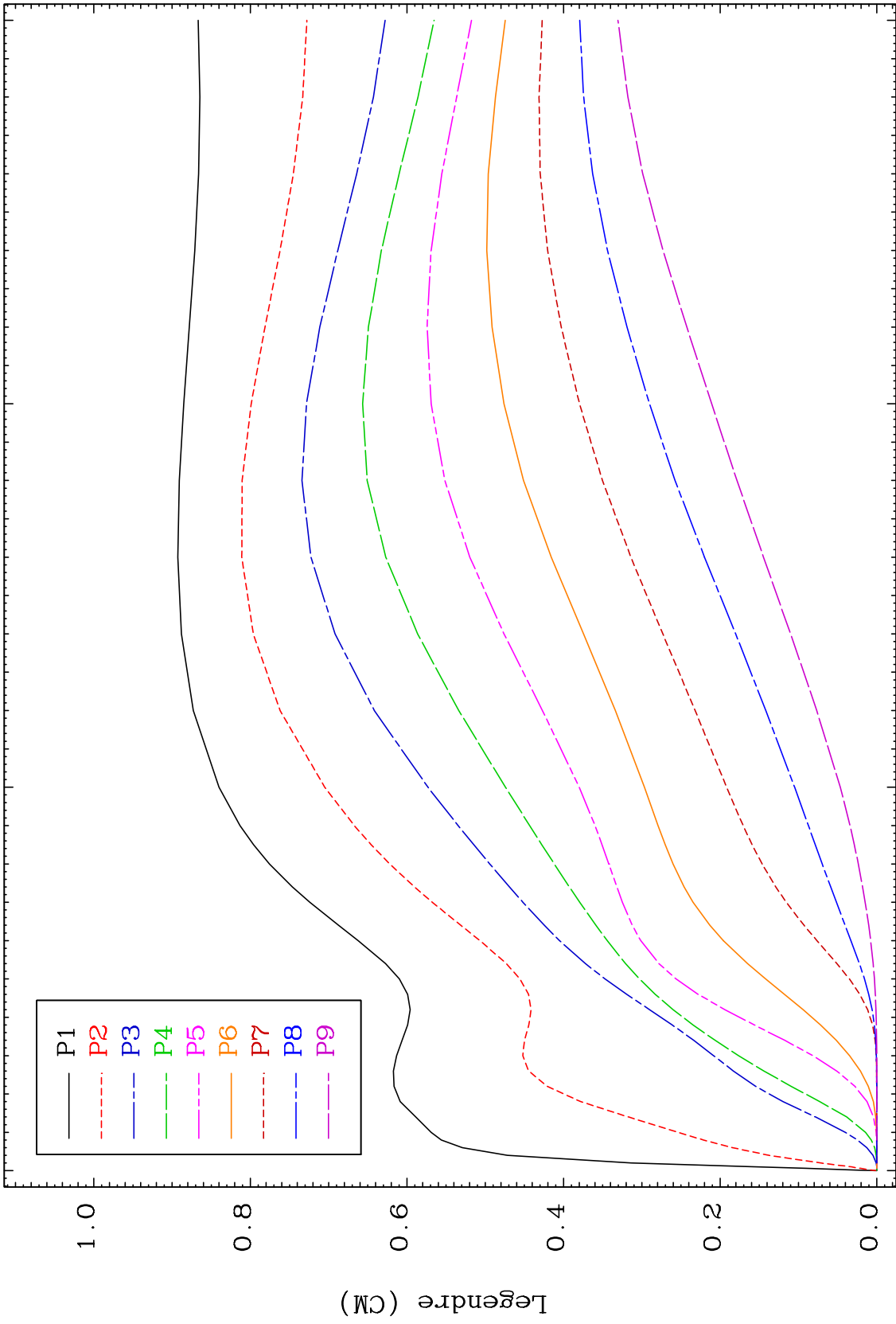




MAT 4516

Elastic Legendre Coefficients

45-Rh-100



16

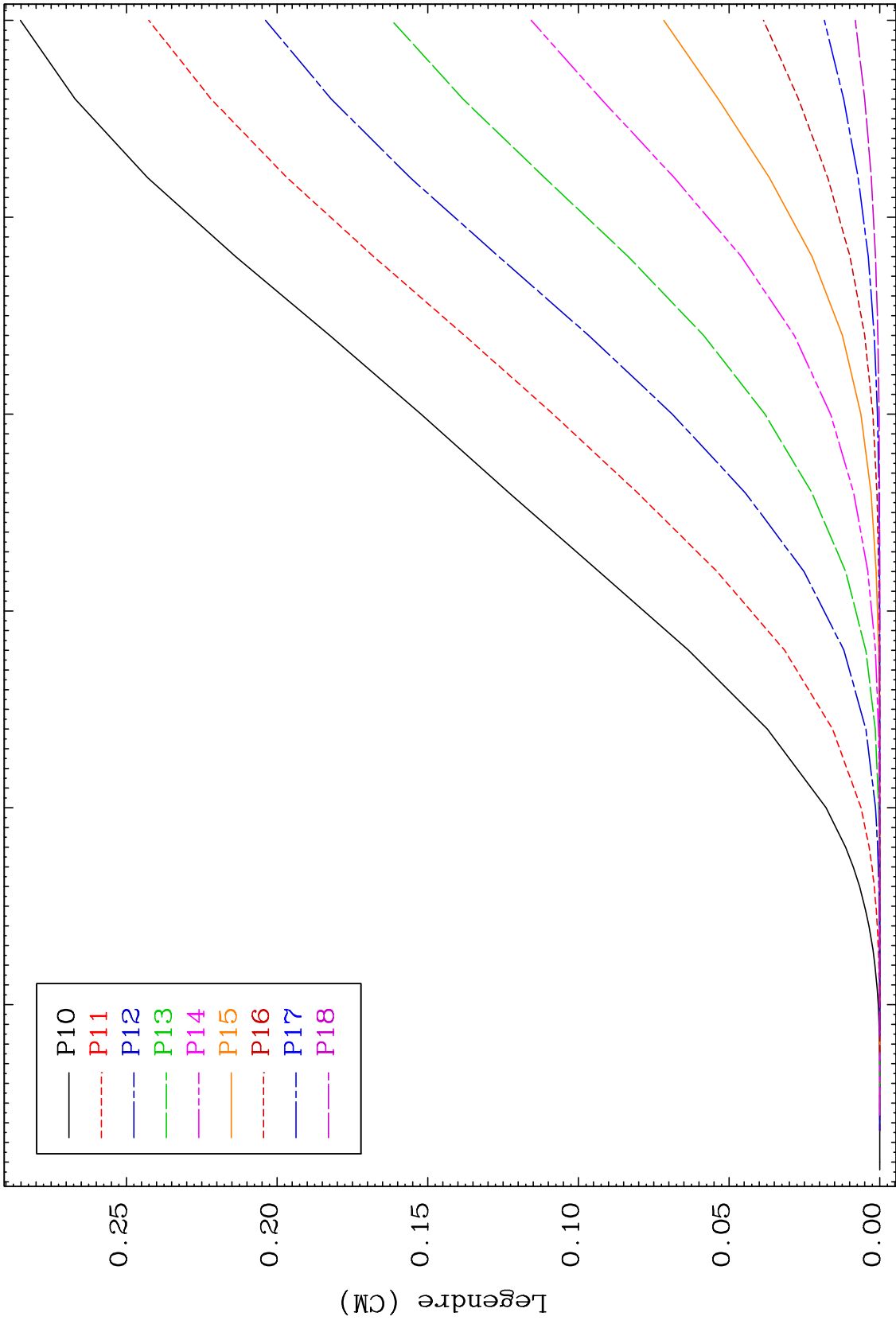
Incident Energy (MeV)

45-Rh-100

MAT 4516

Elastic Legendre Coefficients

45-Rh-100

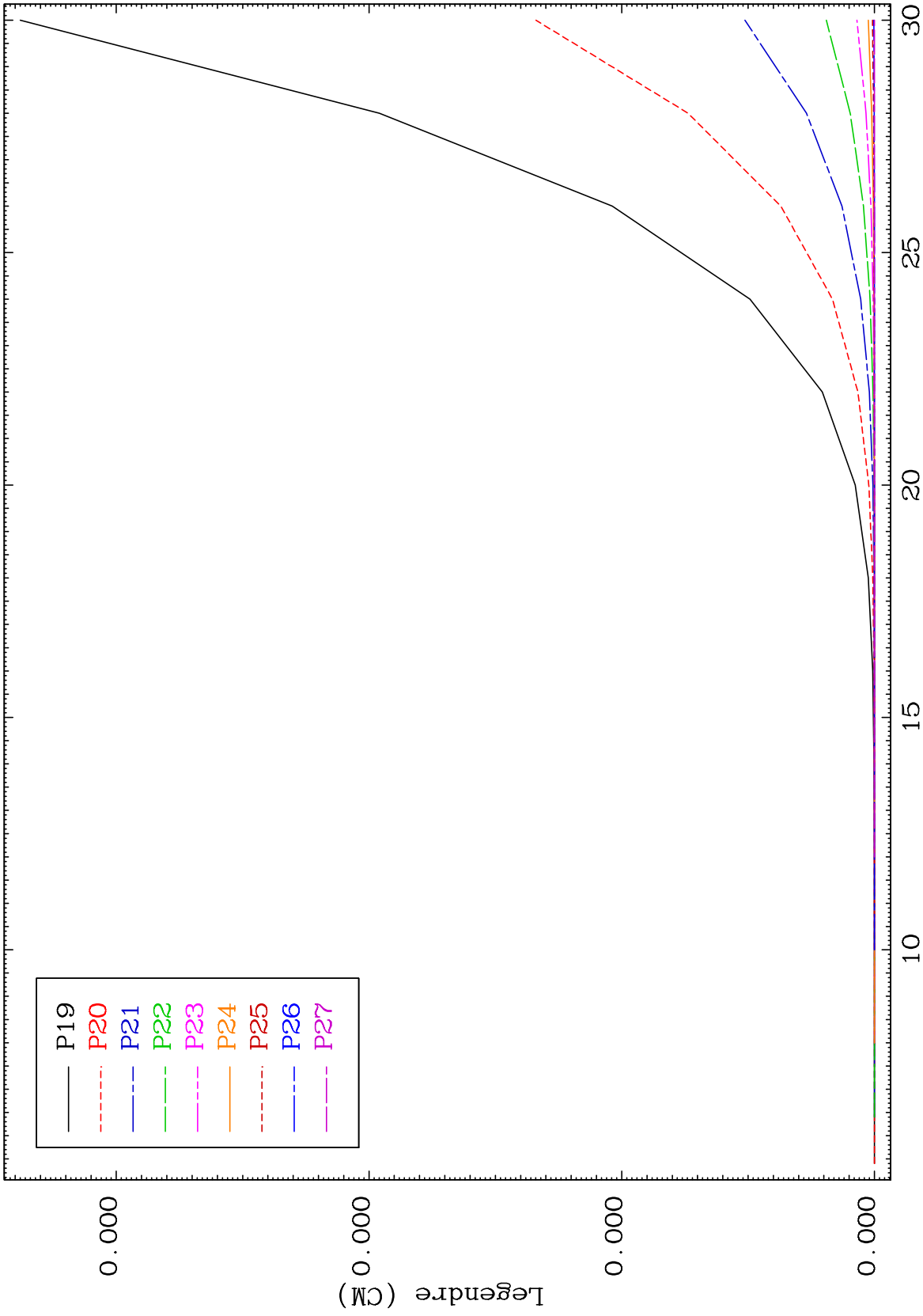


45-Rh-100

MAT 4516

Elastic Legendre Coefficients

45-Rh-100



18

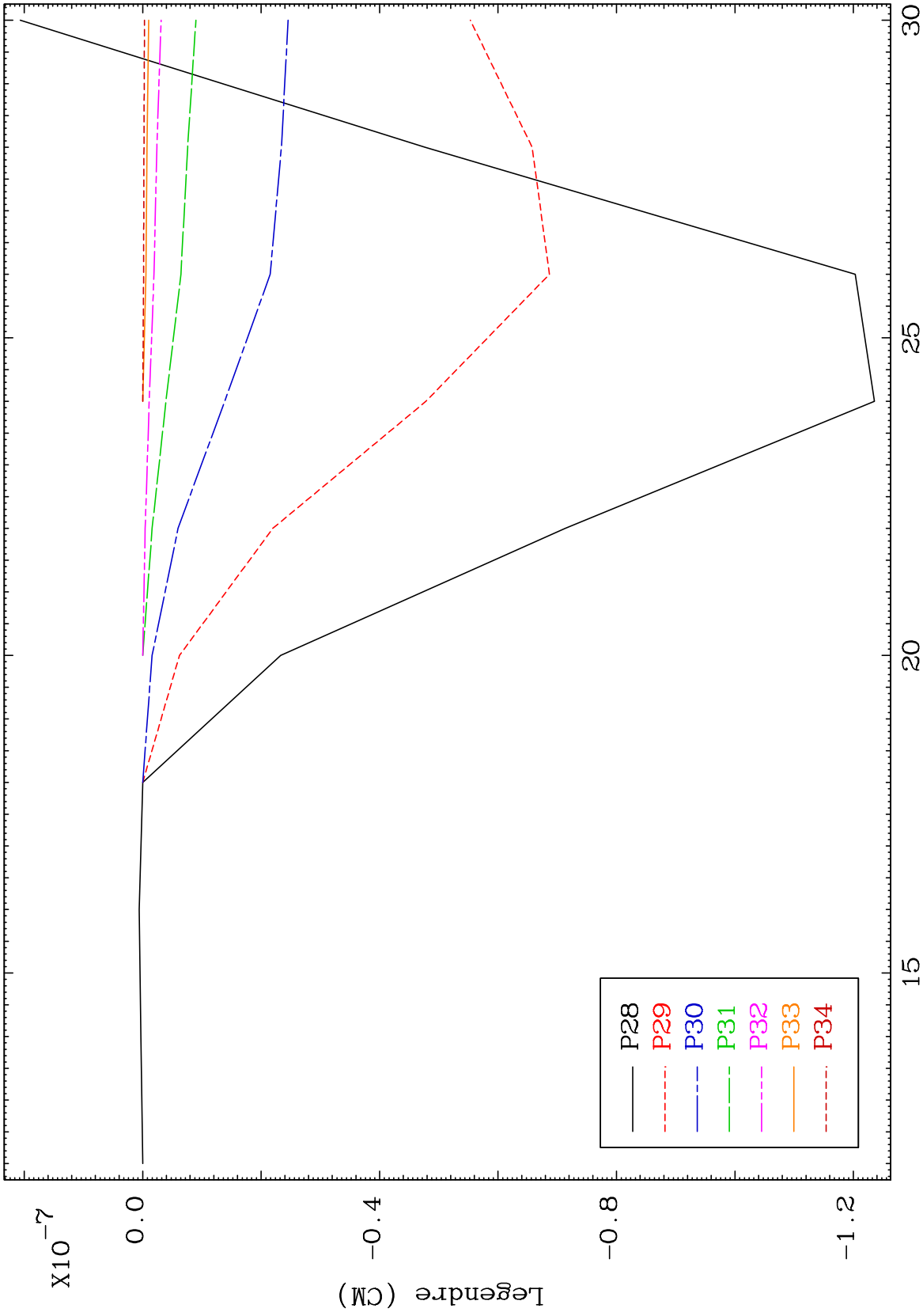
Incident Energy (MeV)

45-Rh-100

MAT 4516

Elastic Legendre Coefficients

45-Rh-100

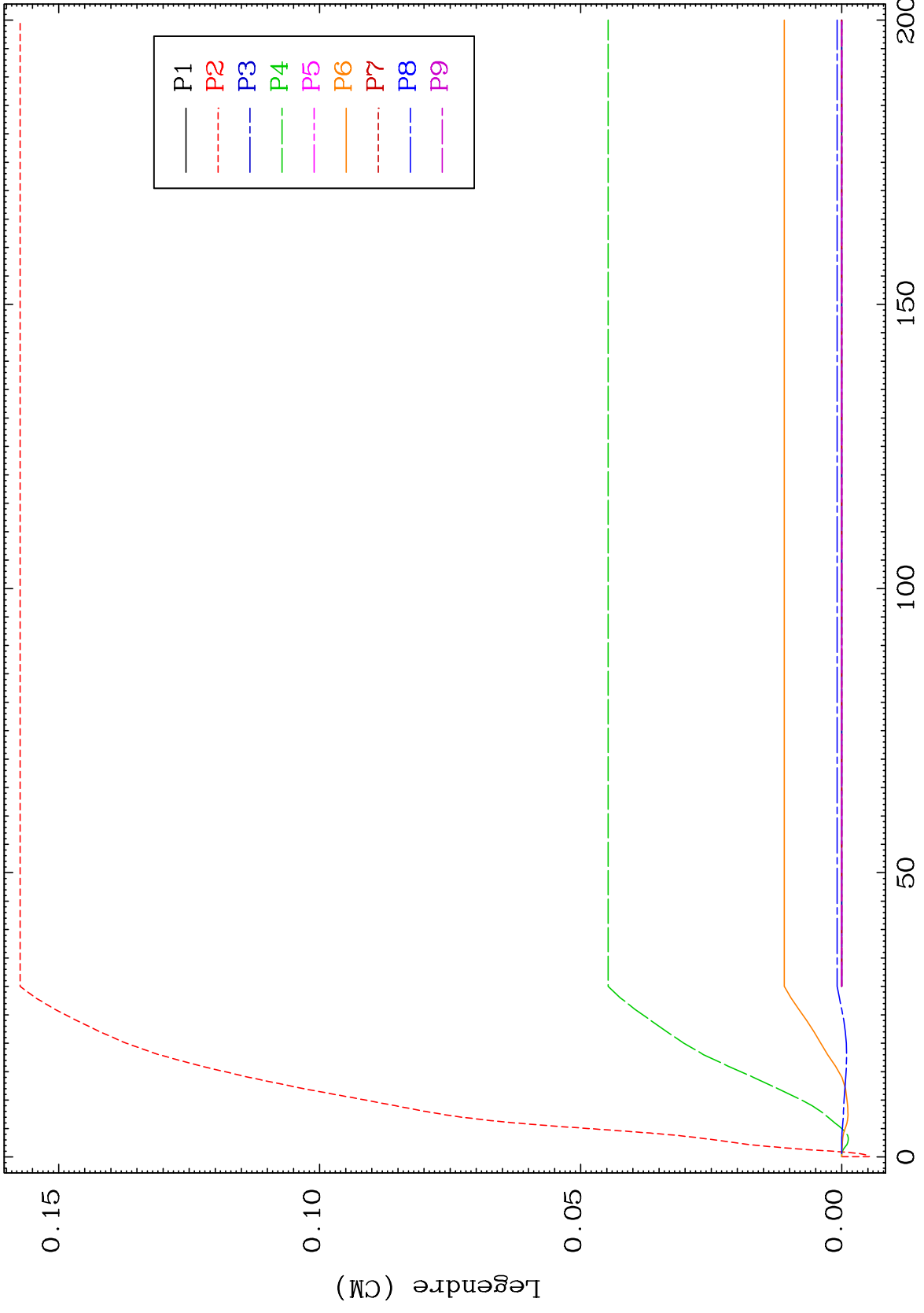


19

Incident Energy (MeV)

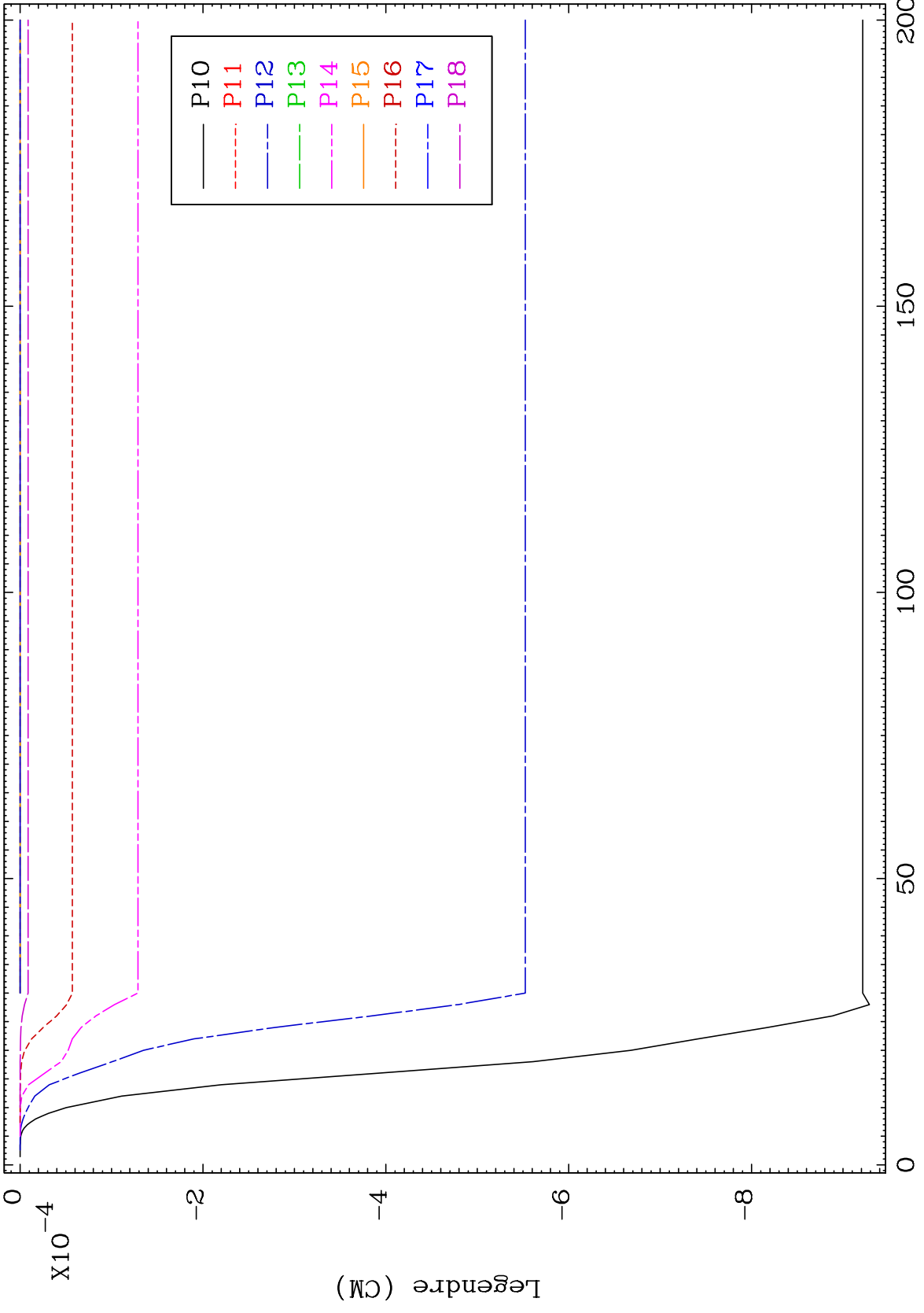
45-Rh-100

MAT 4516 MT= 51 (n,n') Level Legendre Coefficients 45-Rh-100



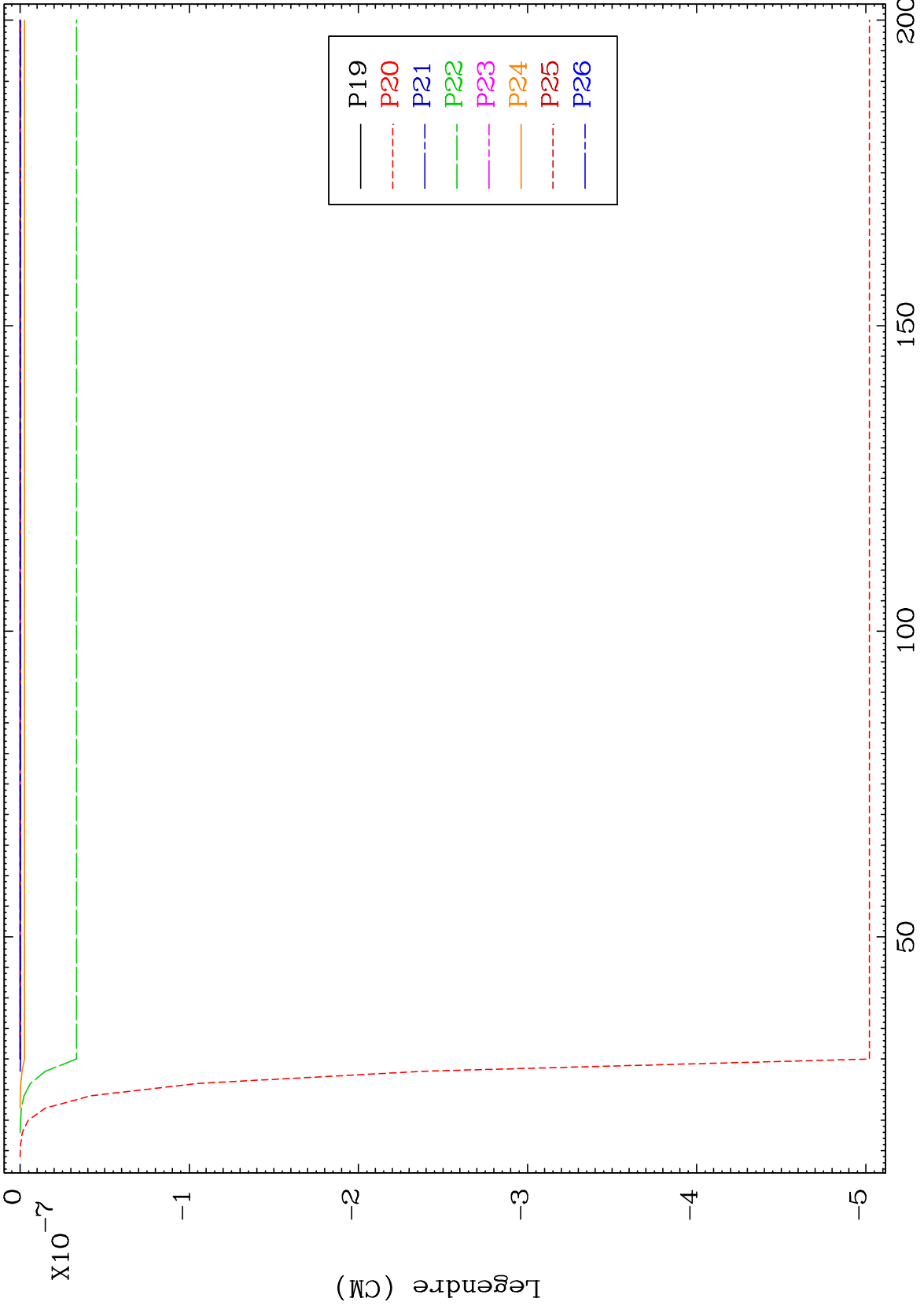
45-Rh-100

MAT 4516 MT= 51 (n,n') Level Legendre Coefficients 45-Rh-100

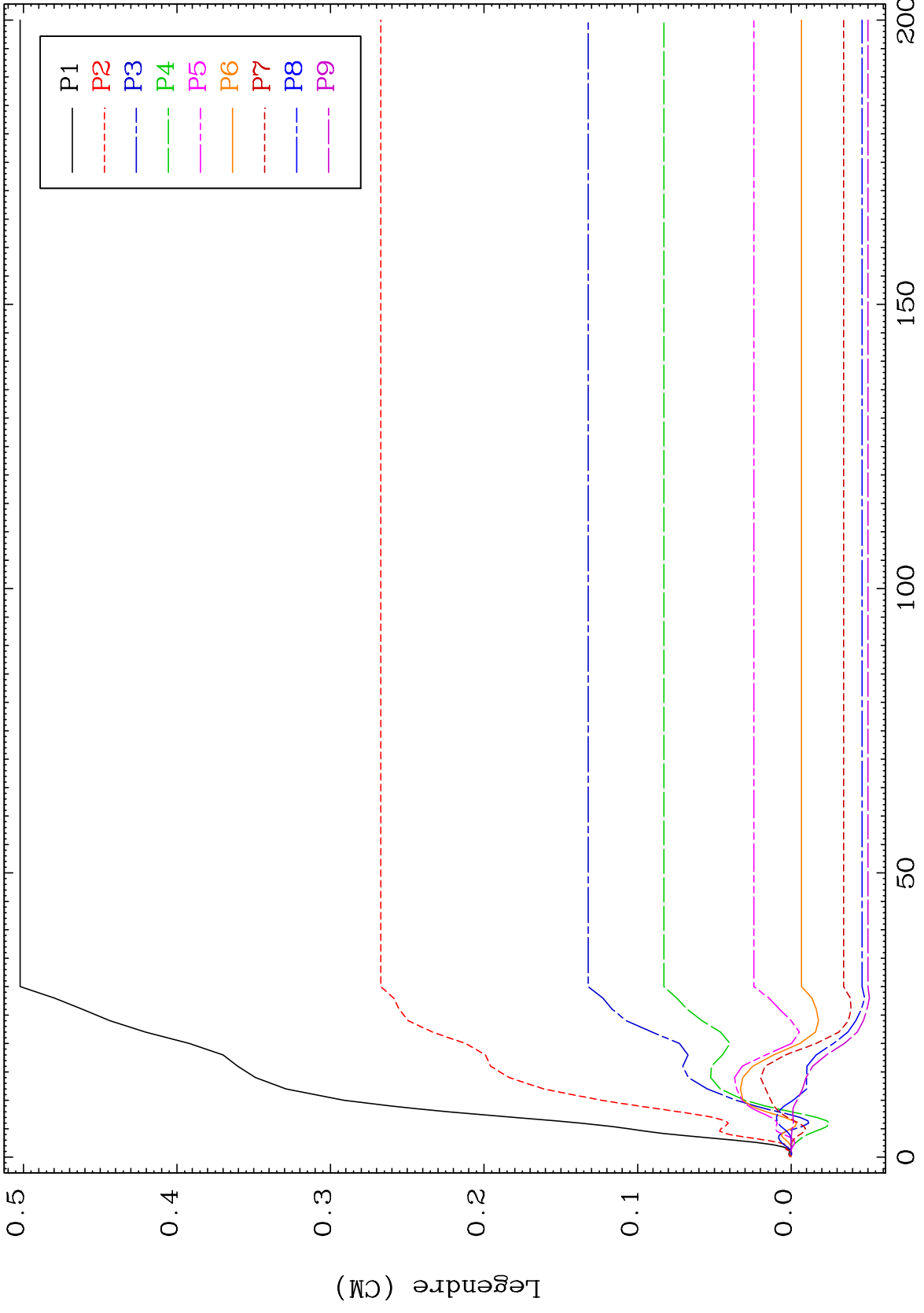


21 45-Rh-100

MAT 4516 MT= 51 (n,n') Level Legendre Coefficients 45-Rh-100



MAT 4516 MT= 52 (n,n') Level Legendre Coefficients 45-Rh-100



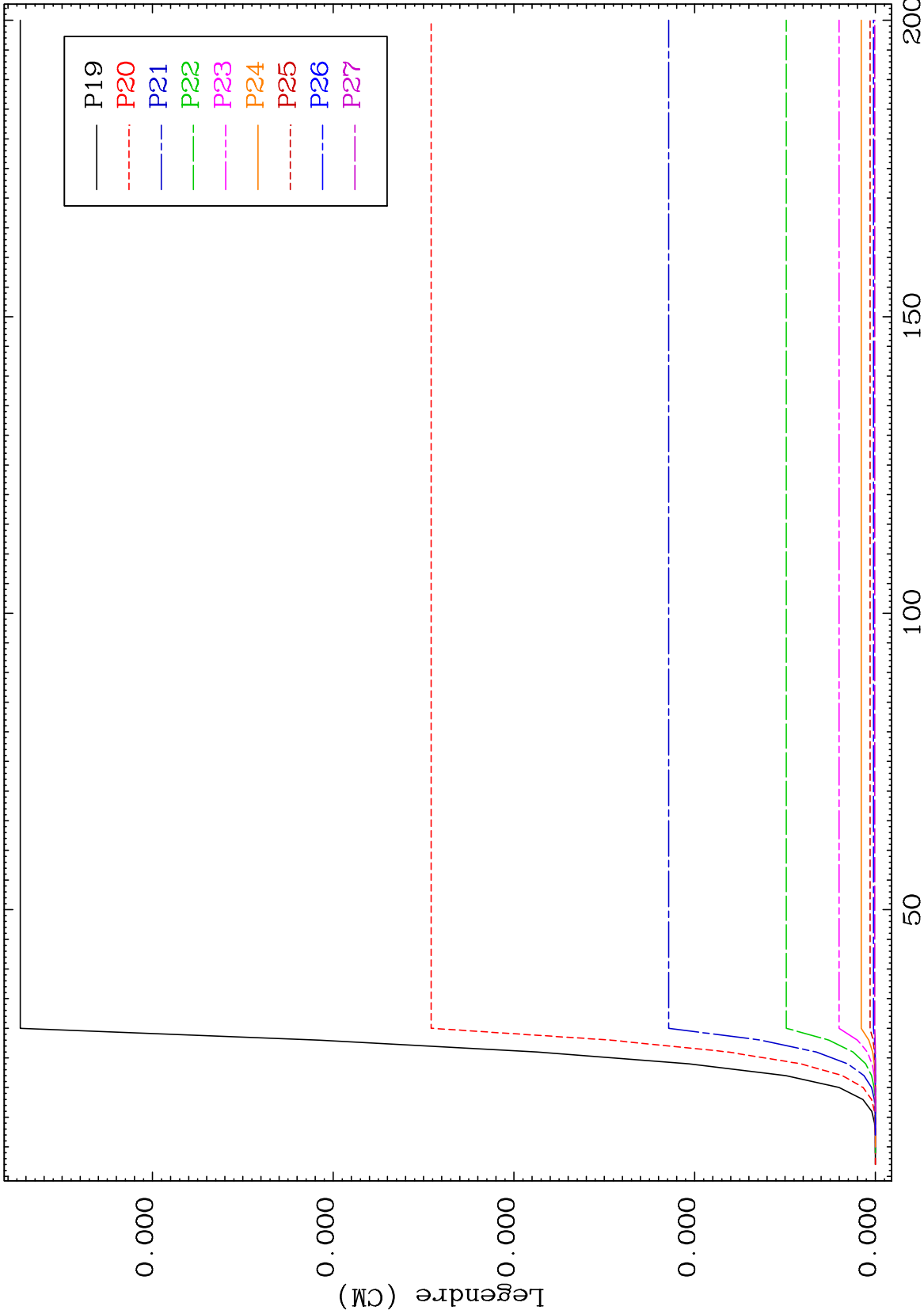




MAT 4516

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

45-Rh-100



25

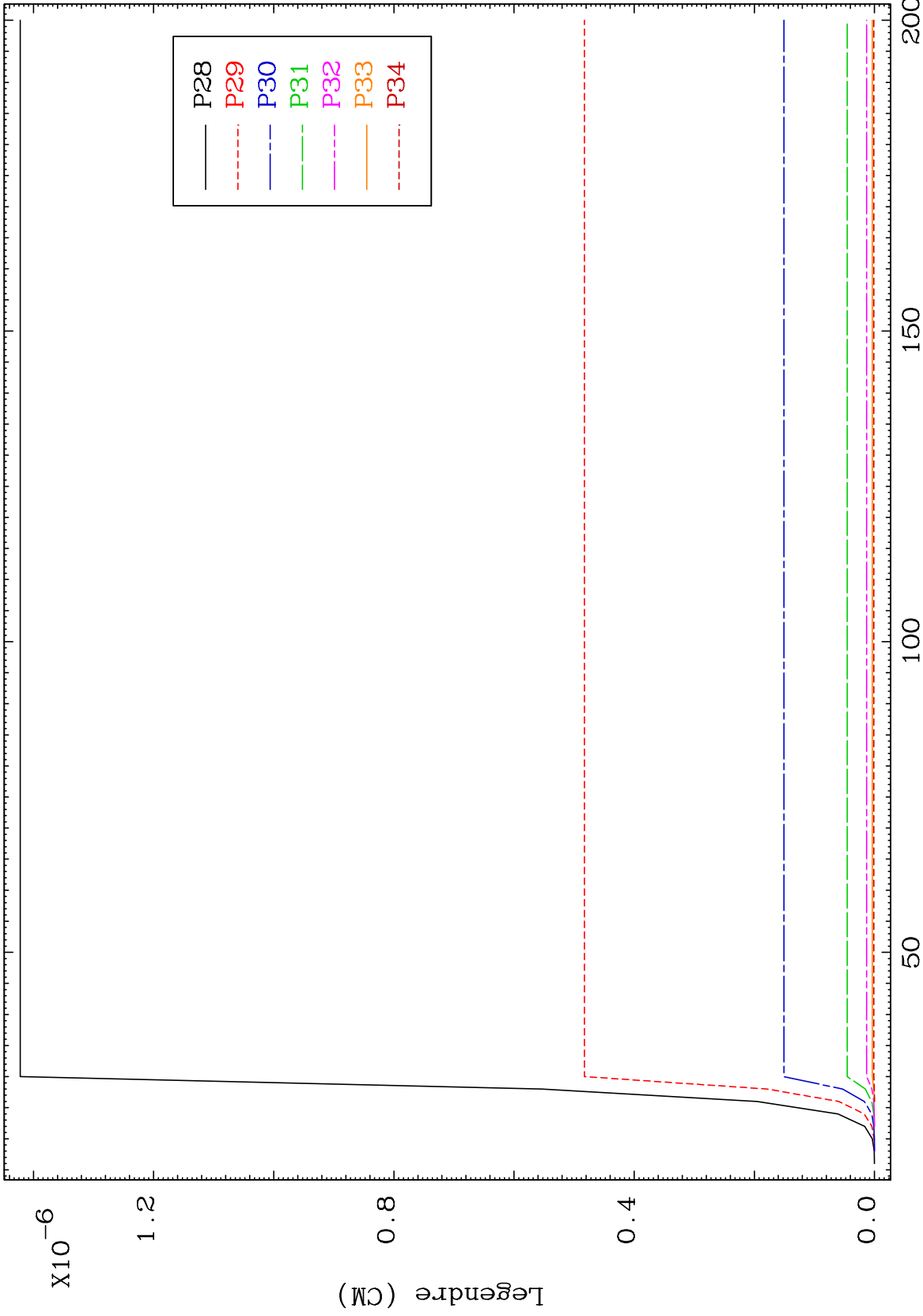
Incident Energy (MeV)

45-Rh-100

MAT 4516

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

45-Rh-100

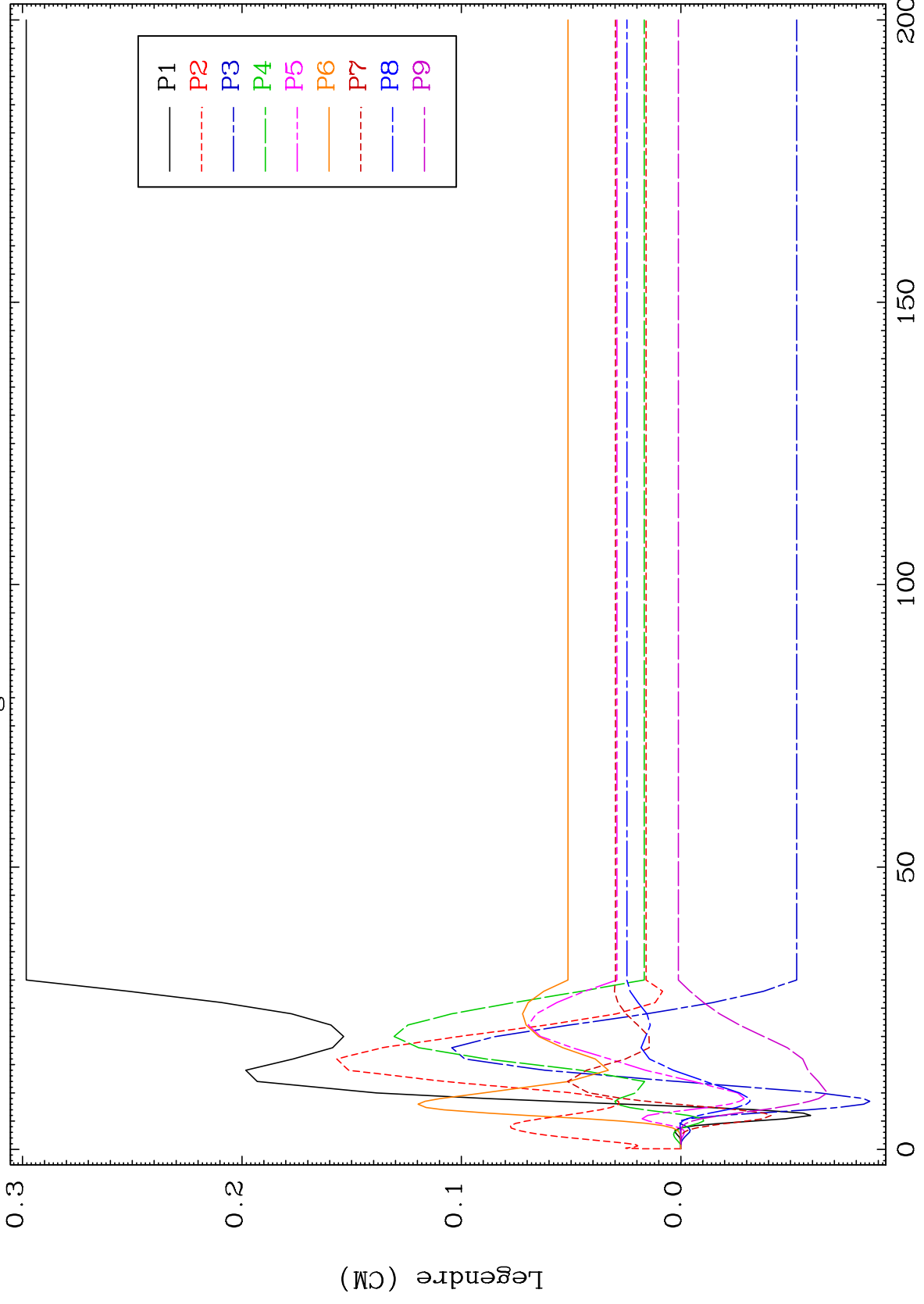


26

Incident Energy (MeV)

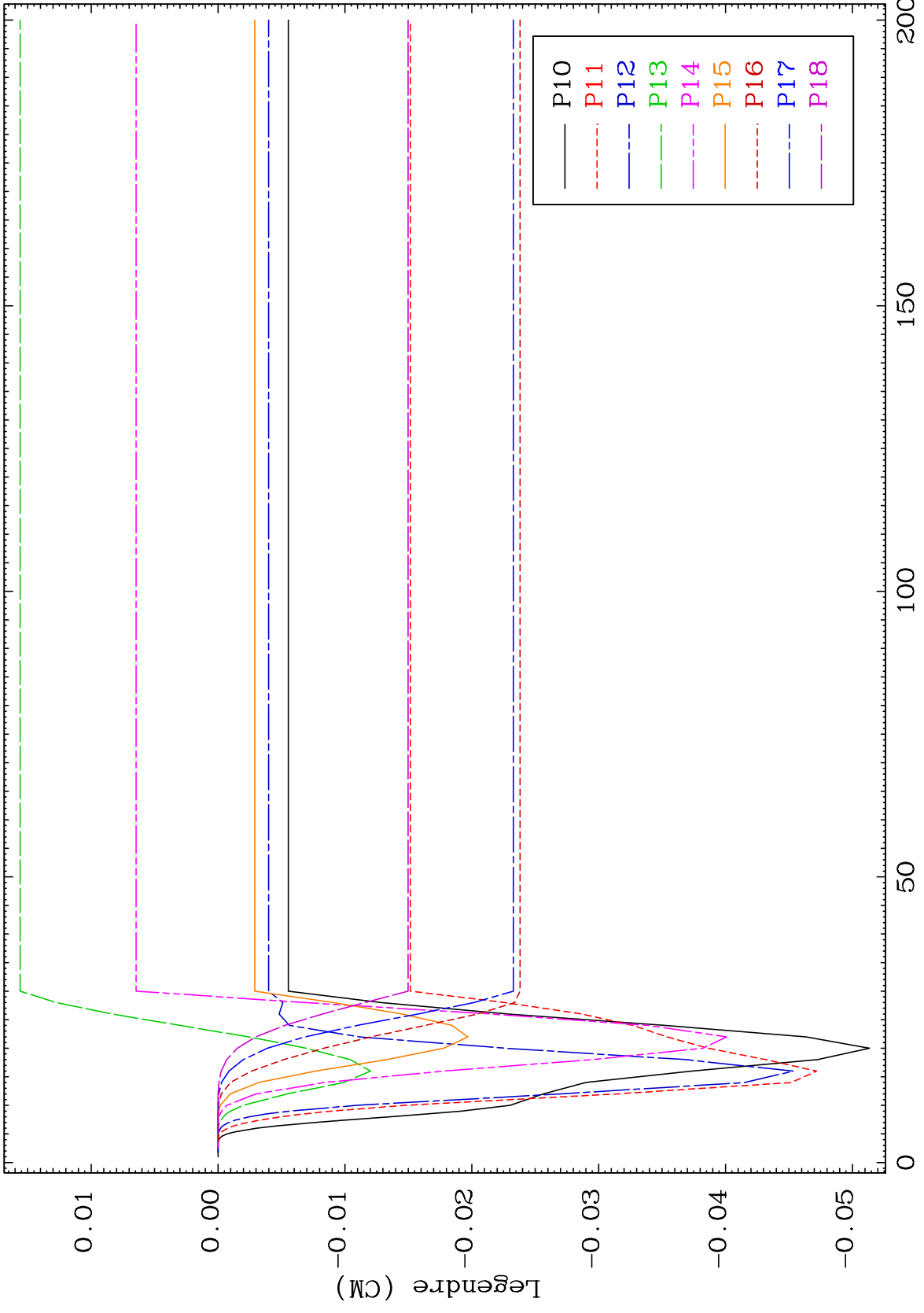
45-Rh-100

MAT 4516 MT= 53 (n,n') Level Legendre Coefficients 45-Rh-100



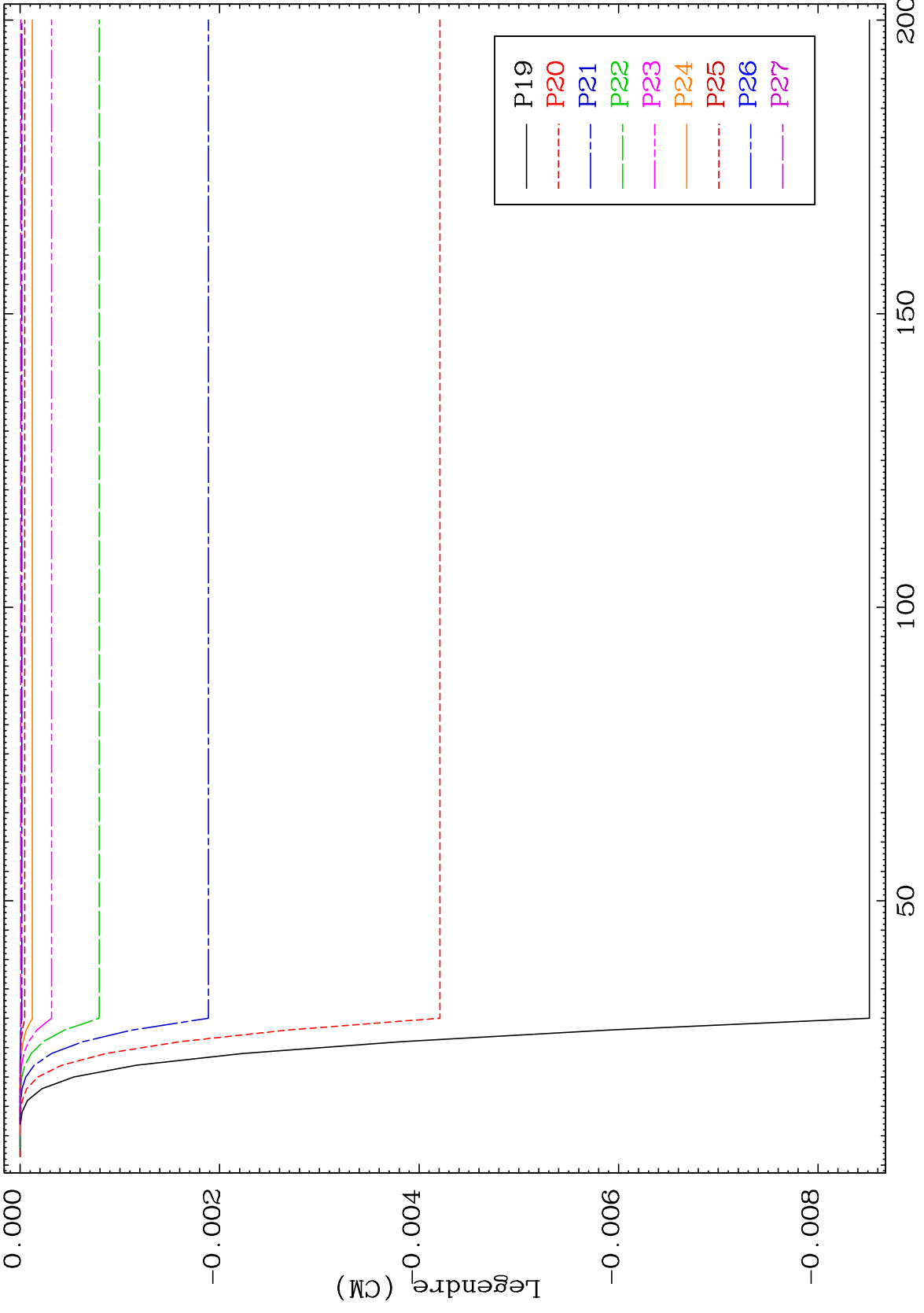
27 Incident Energy (MeV) 45-Rh-100

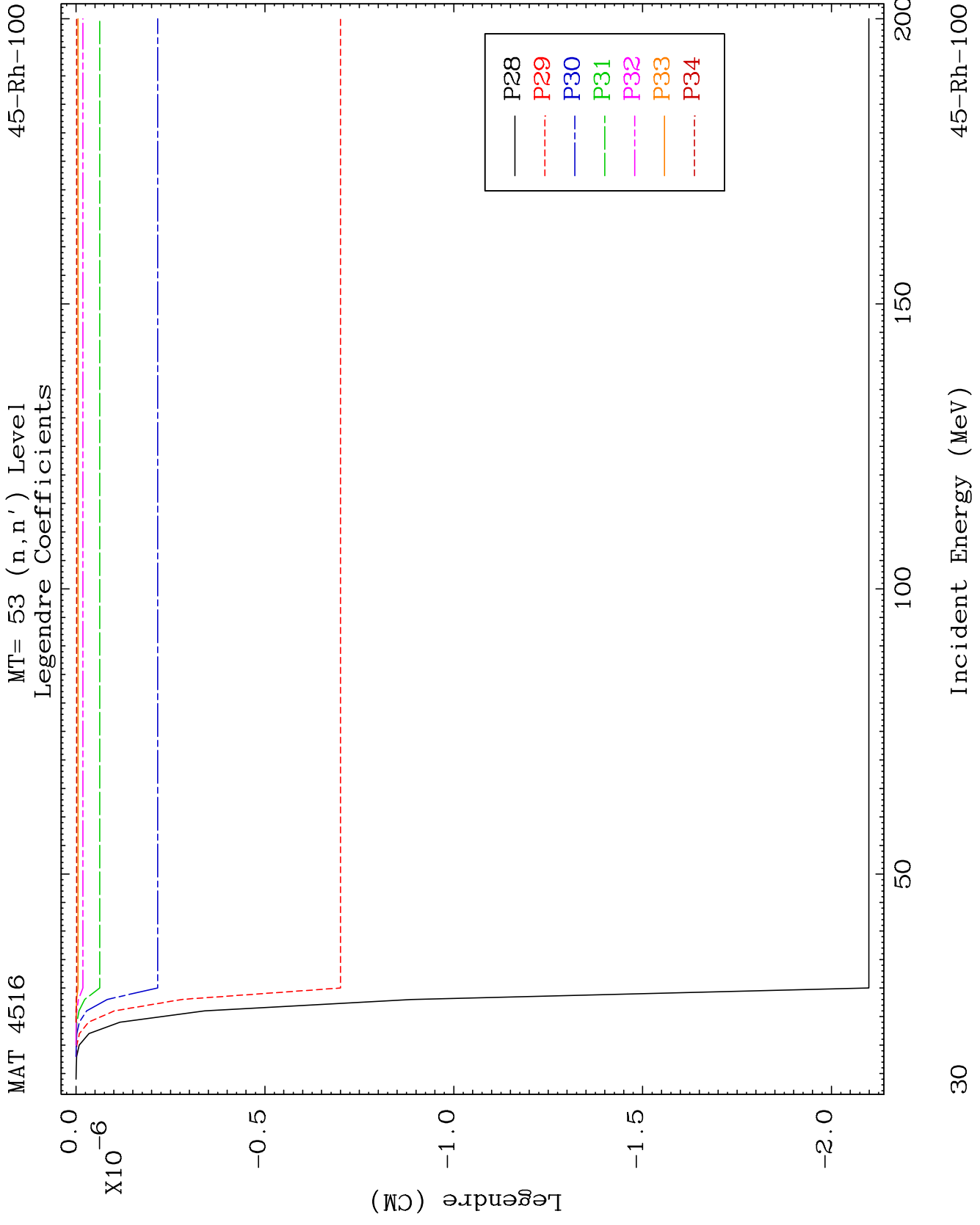
MAT 4516 MT= 53 (n,n') Level Legendre Coefficients 45-Rh-100



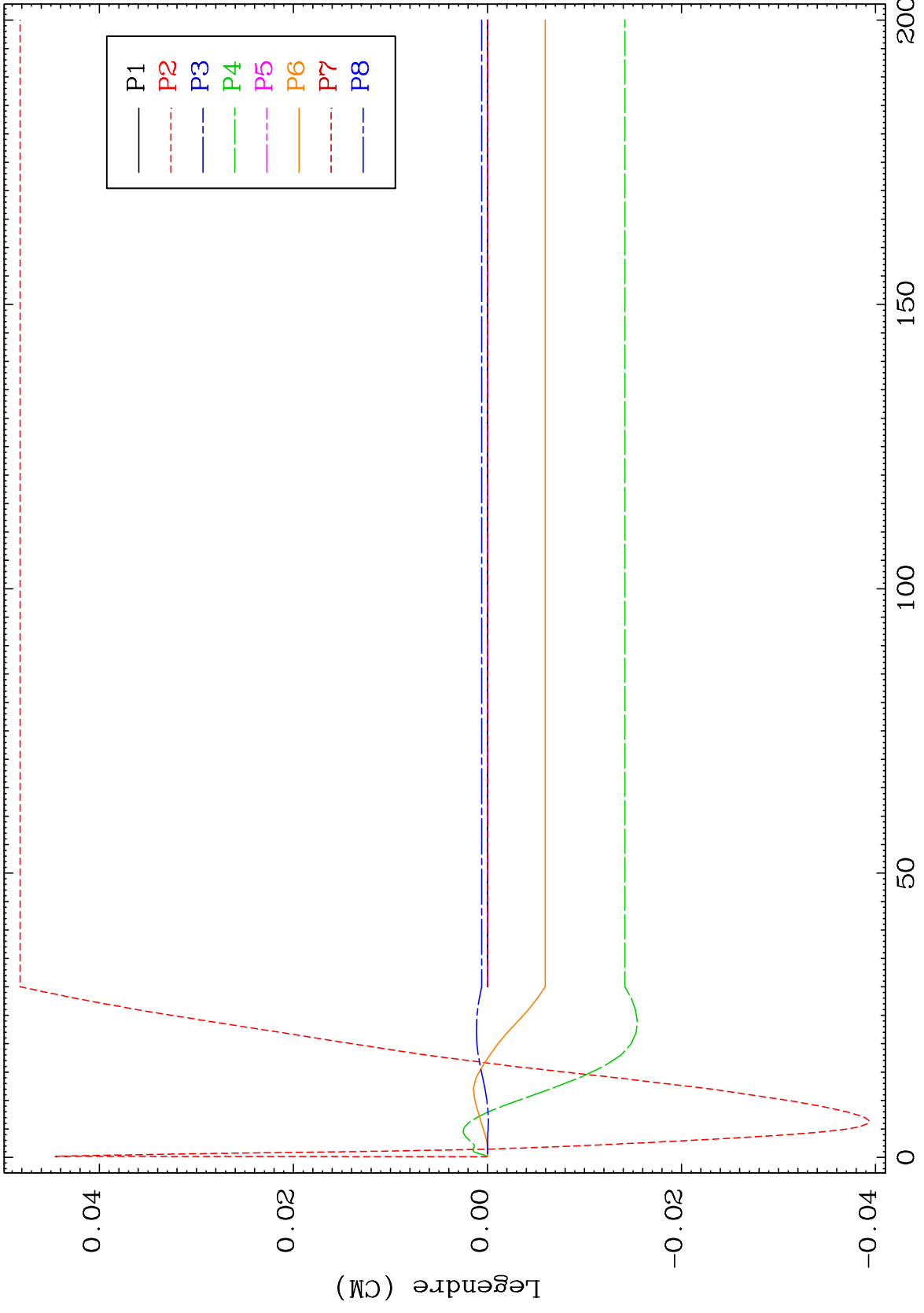
28 Incident Energy (MeV) 45-Rh-100

MAT 4516 MT= 53 (n,n') Level Legendre Coefficients 45-Rh-100





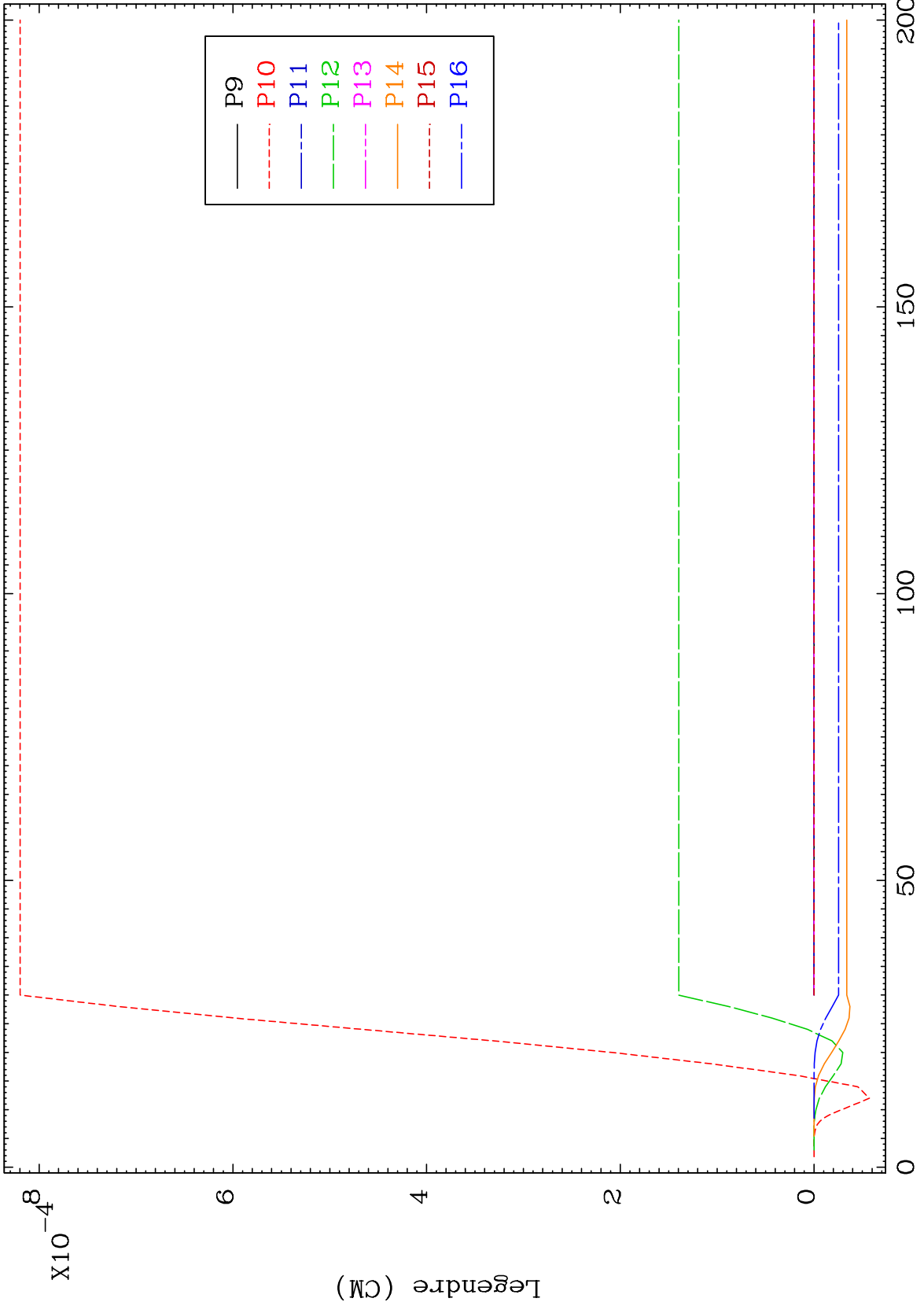
MAT 4516 MT= 54 (n,n') Level Legendre Coefficients 45-Rh-100



31 45-Rh-100

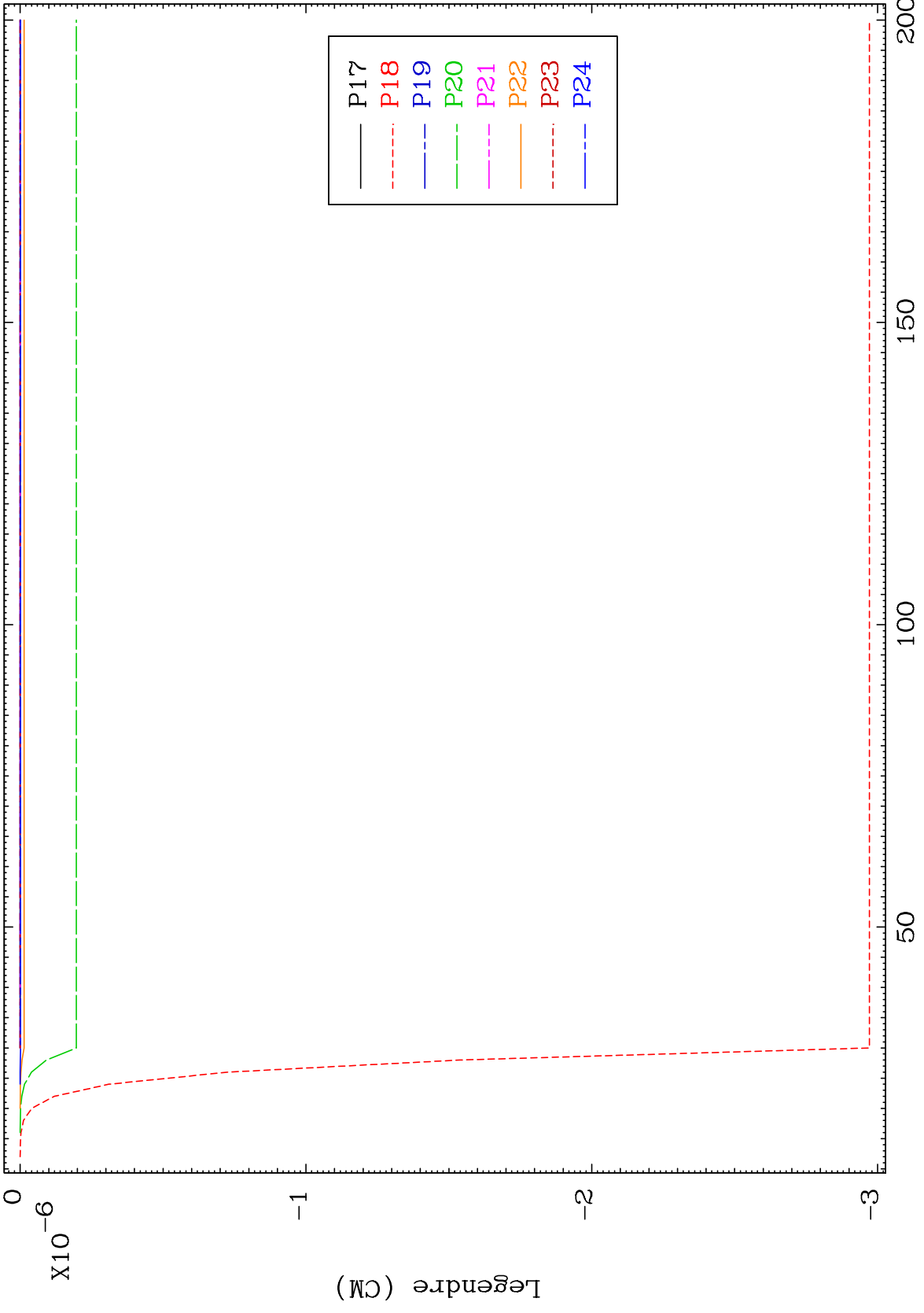


MAT 4516 MT= 54 (n,n') Level Legendre Coefficients 45-Rh-100

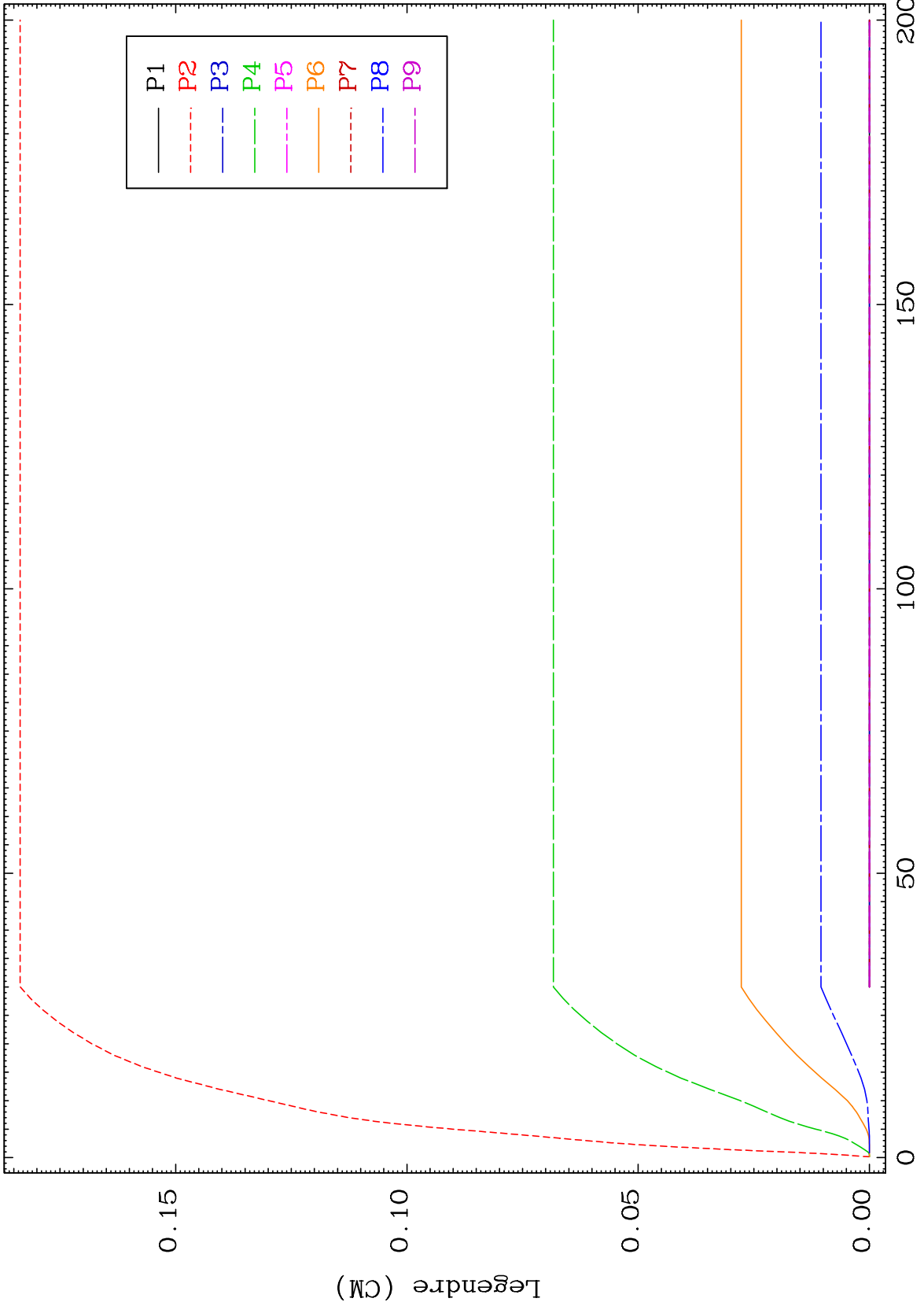


32 Incident Energy (MeV) 45-Rh-100

MAT 4516 MT= 54 (n,n') Level Legendre Coefficients 45-Rh-100



MAT 4516 MT= 55 (n,n') Level Legendre Coefficients 45-Rh-100

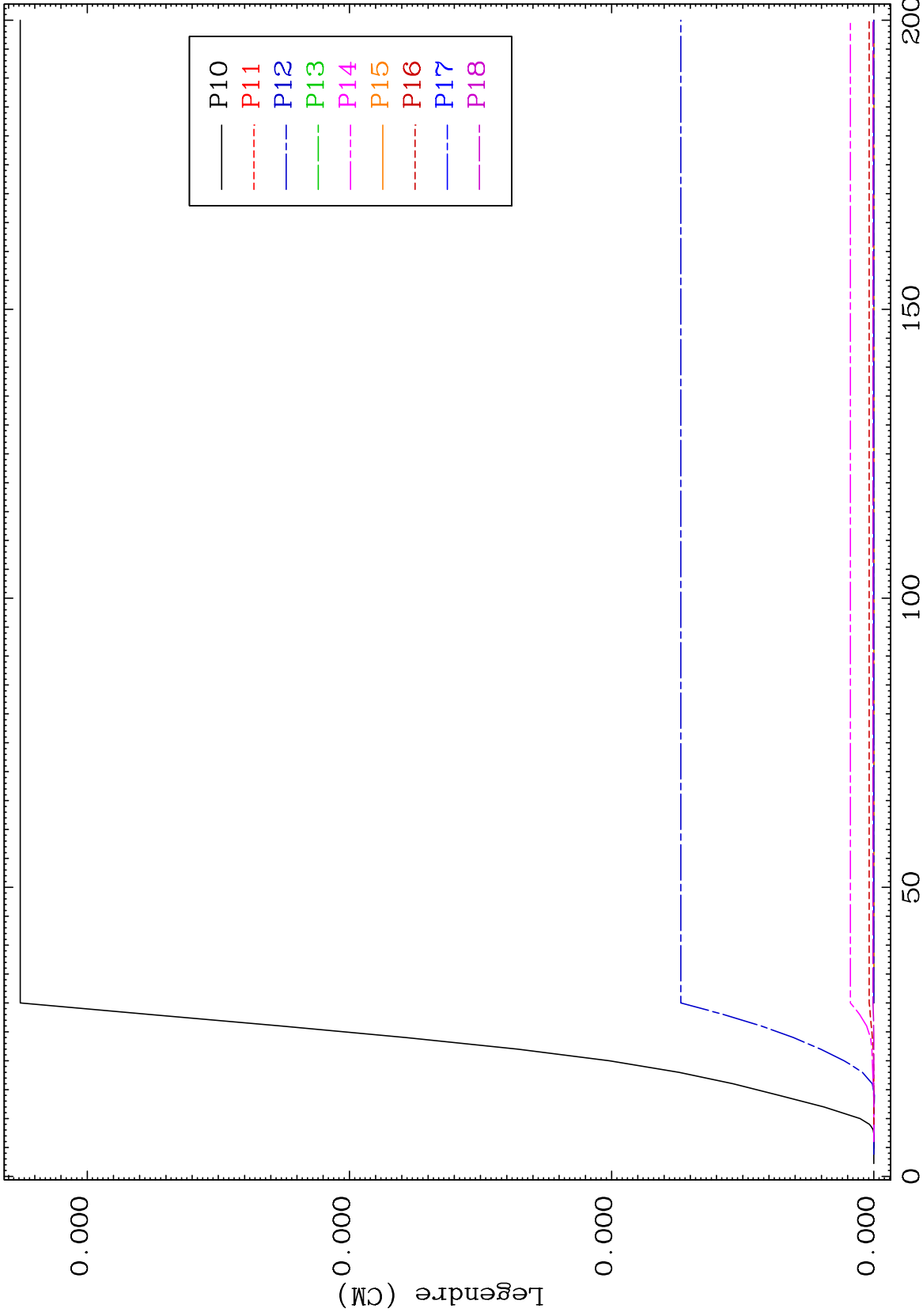


34 45-Rh-100

MAT 4516

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

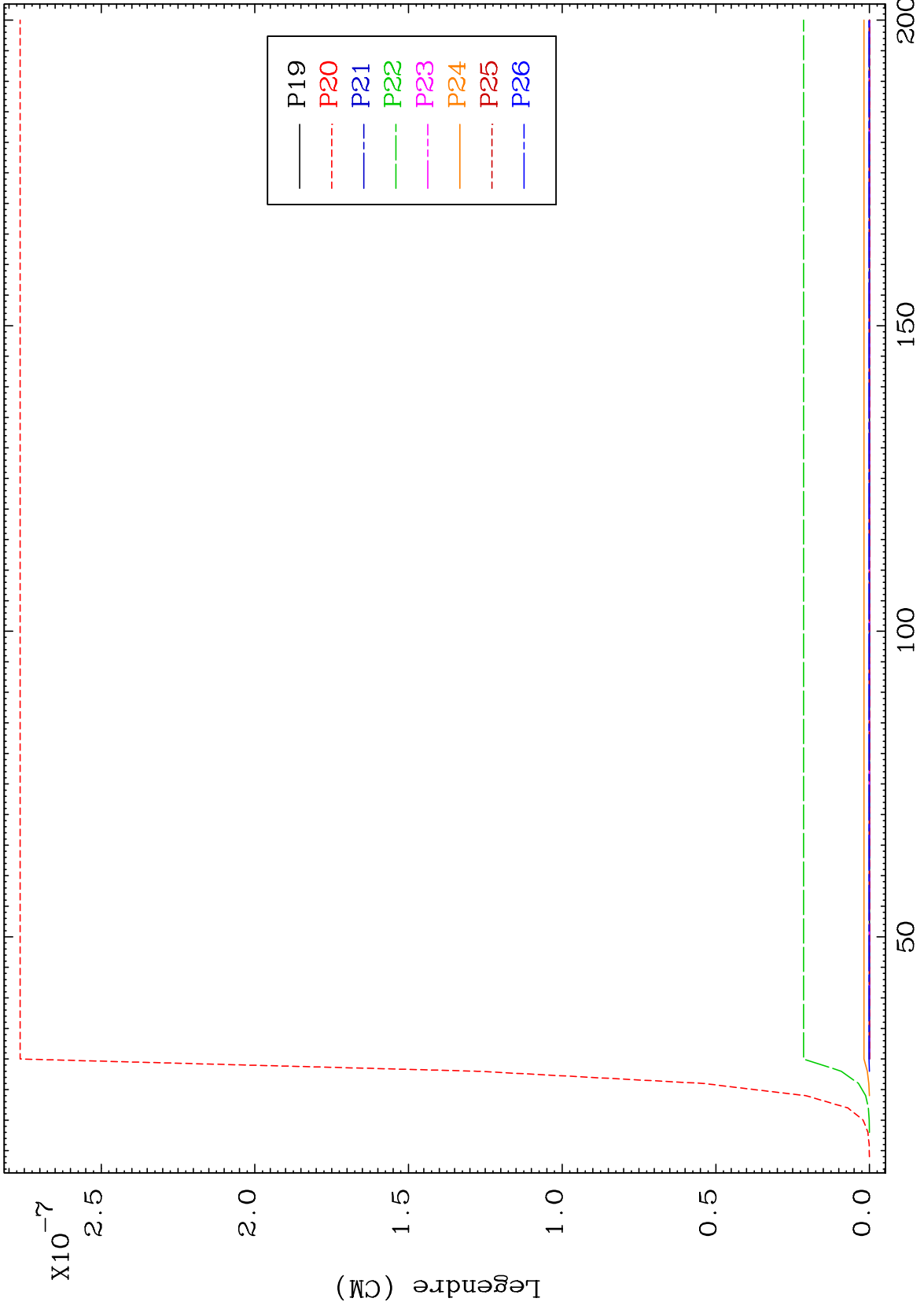
45-Rh-100



35

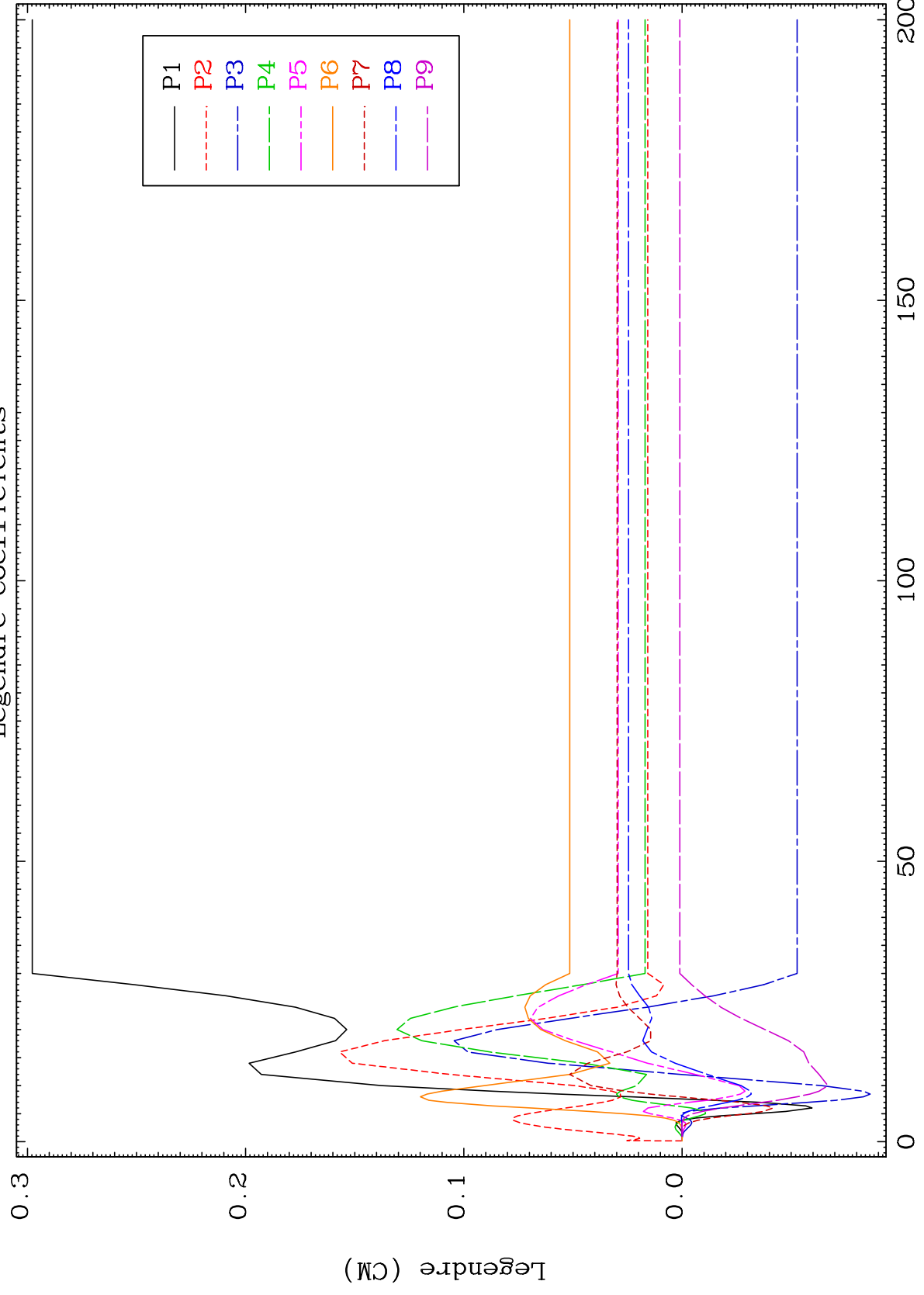
45-Rh-100

MAT 4516 MT= 55 (n,n') Level Legendre Coefficients 45-Rh-100



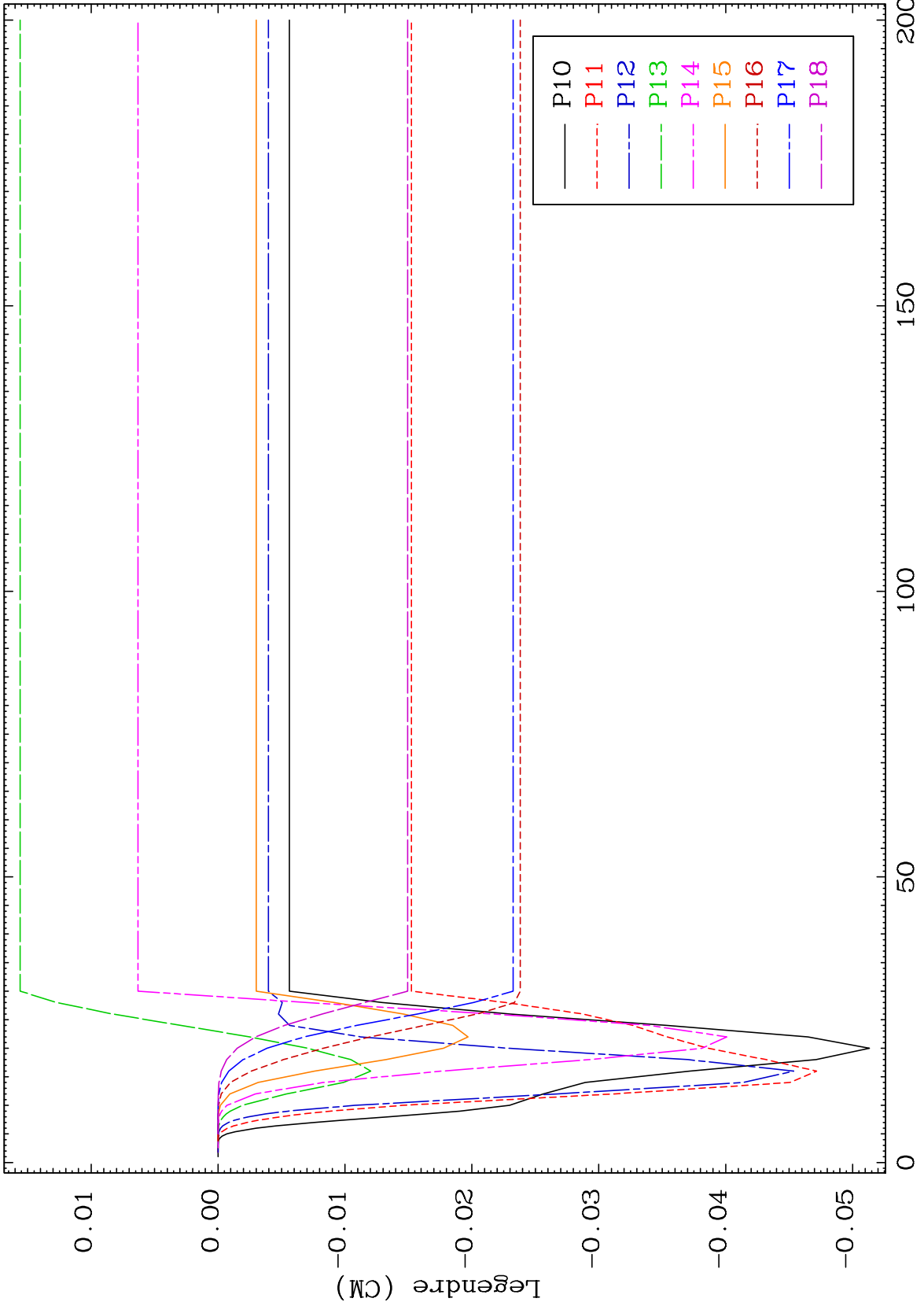
36 Incident Energy (MeV) 45-Rh-100

MAT 4516 MT= 56 (n,n') Level Legendre Coefficients 45-Rh-100

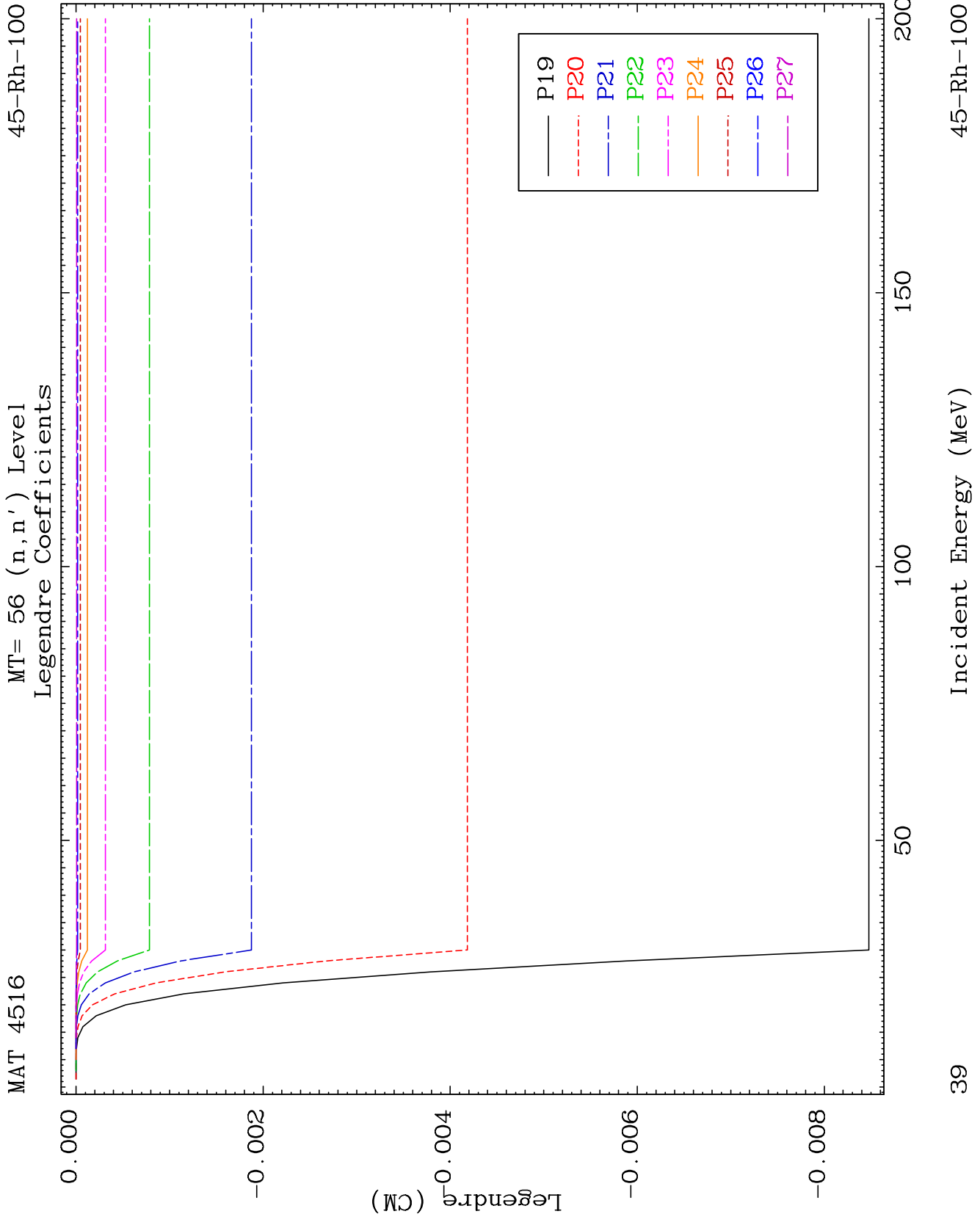


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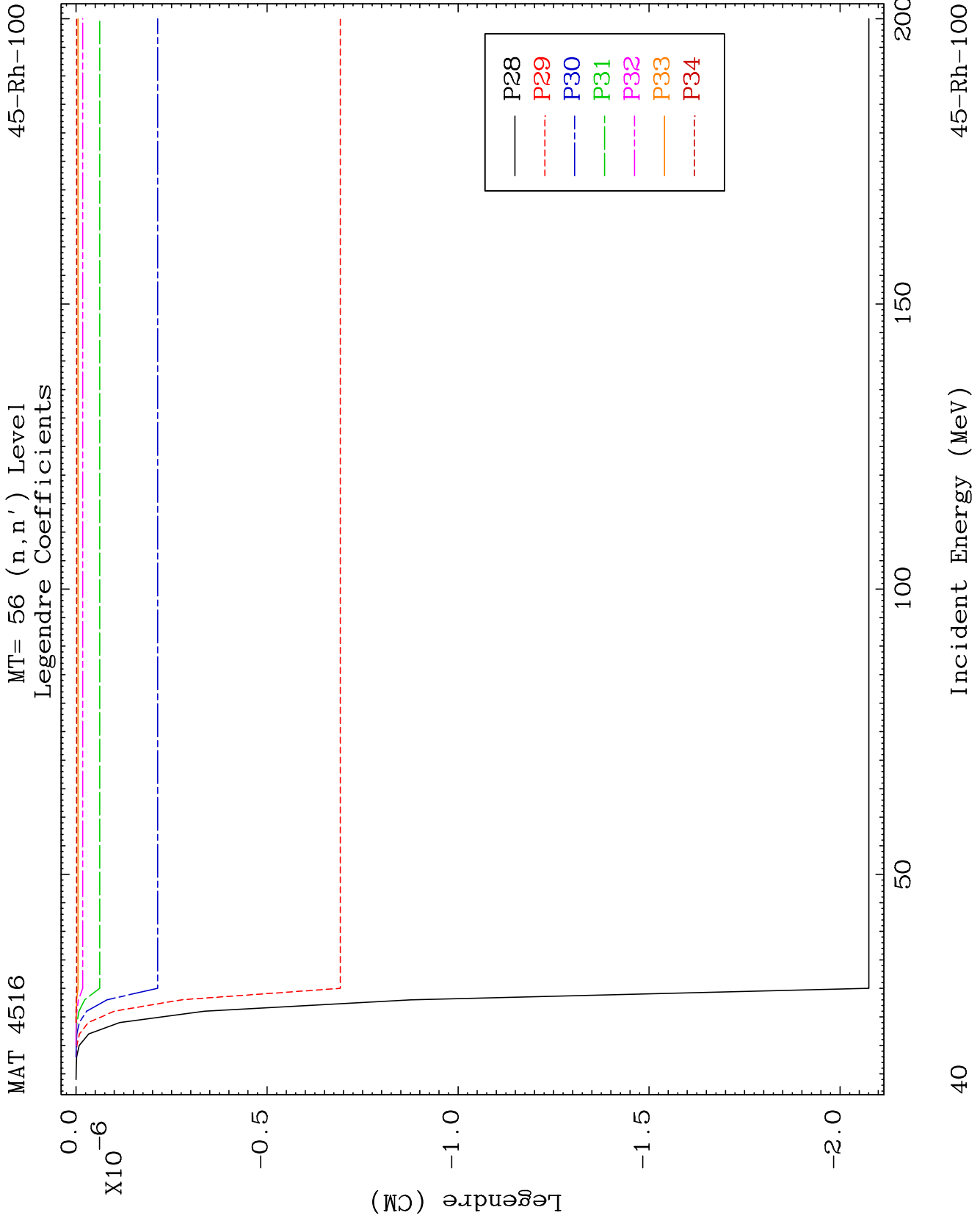
MAT 4516 MT= 56 (n,n') Level Legendre Coefficients 45-Rh-100



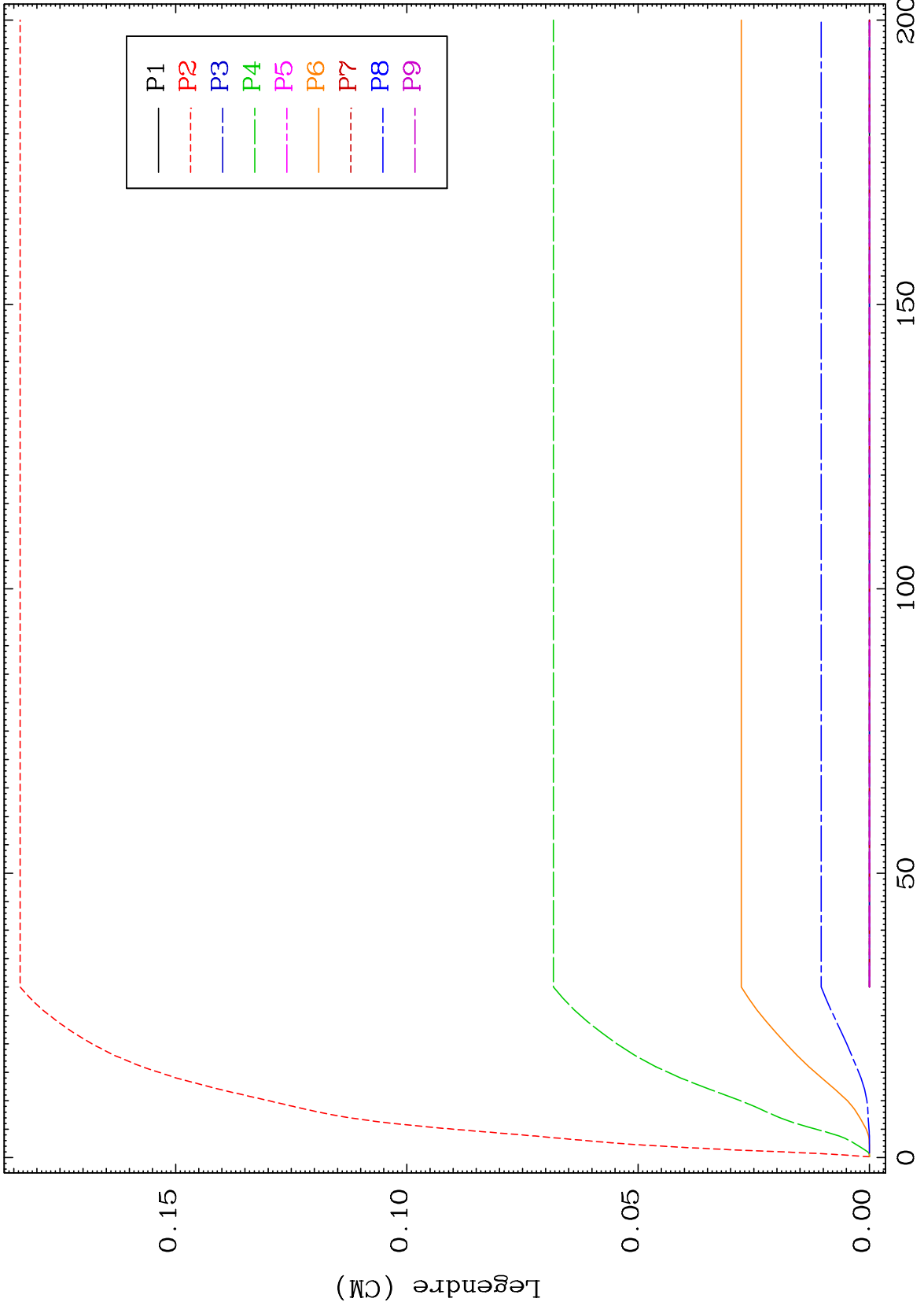
38 45-Rh-100







MAT 4516 MT= 57 (n,n') Level Legendre Coefficients 45-Rh-100

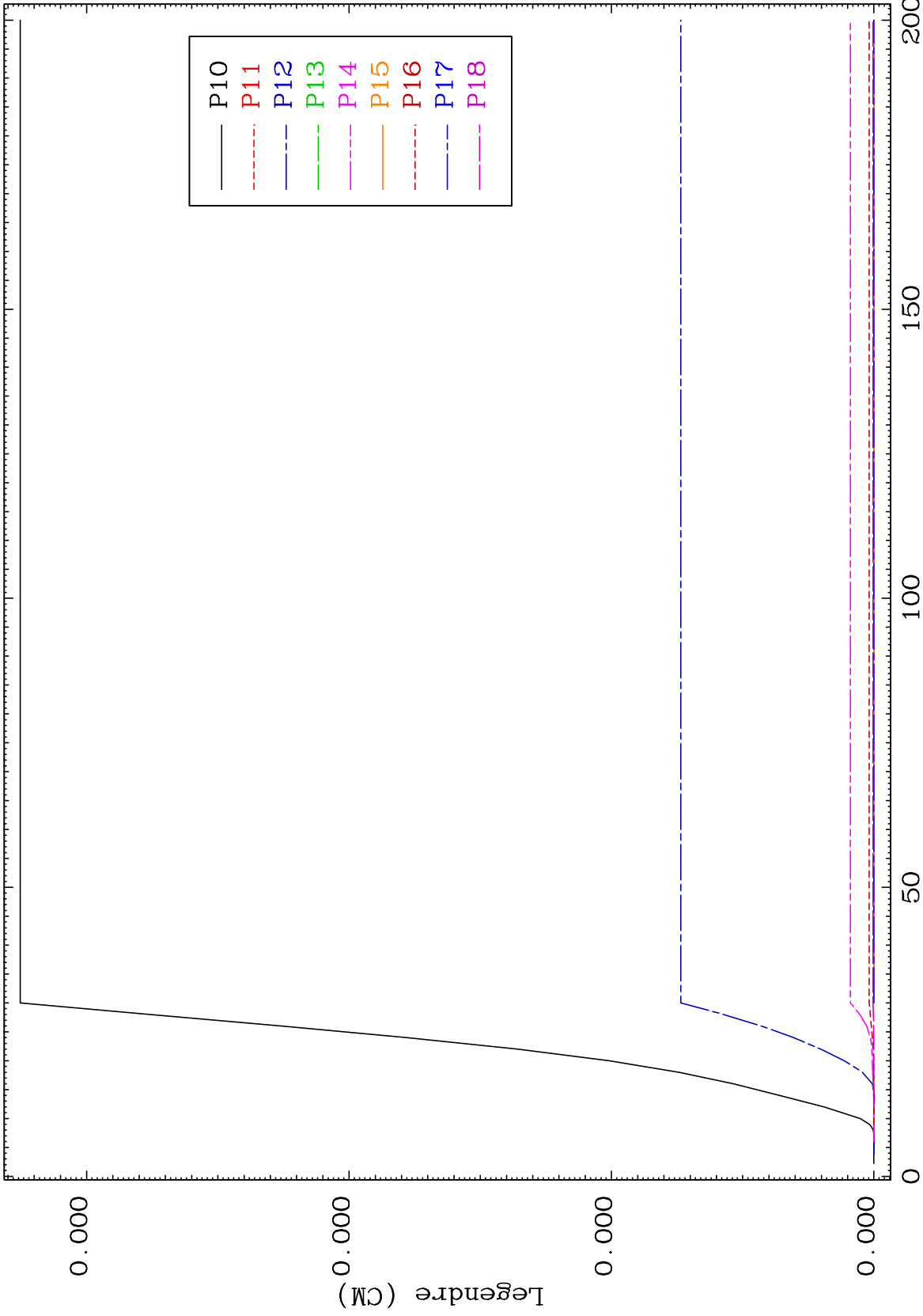


41 45-Rh-100

MAT 4516

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

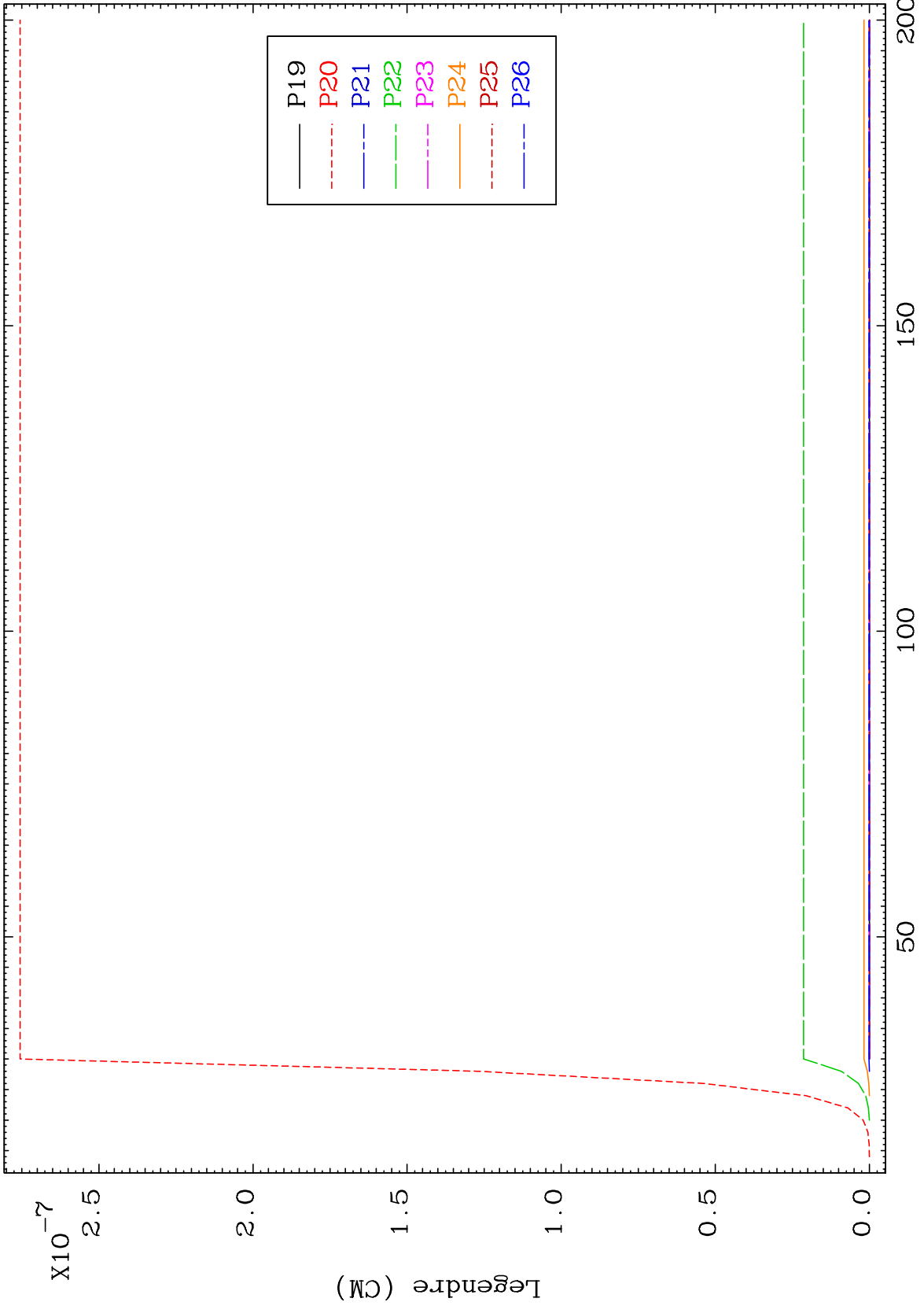
45-Rh-100



42

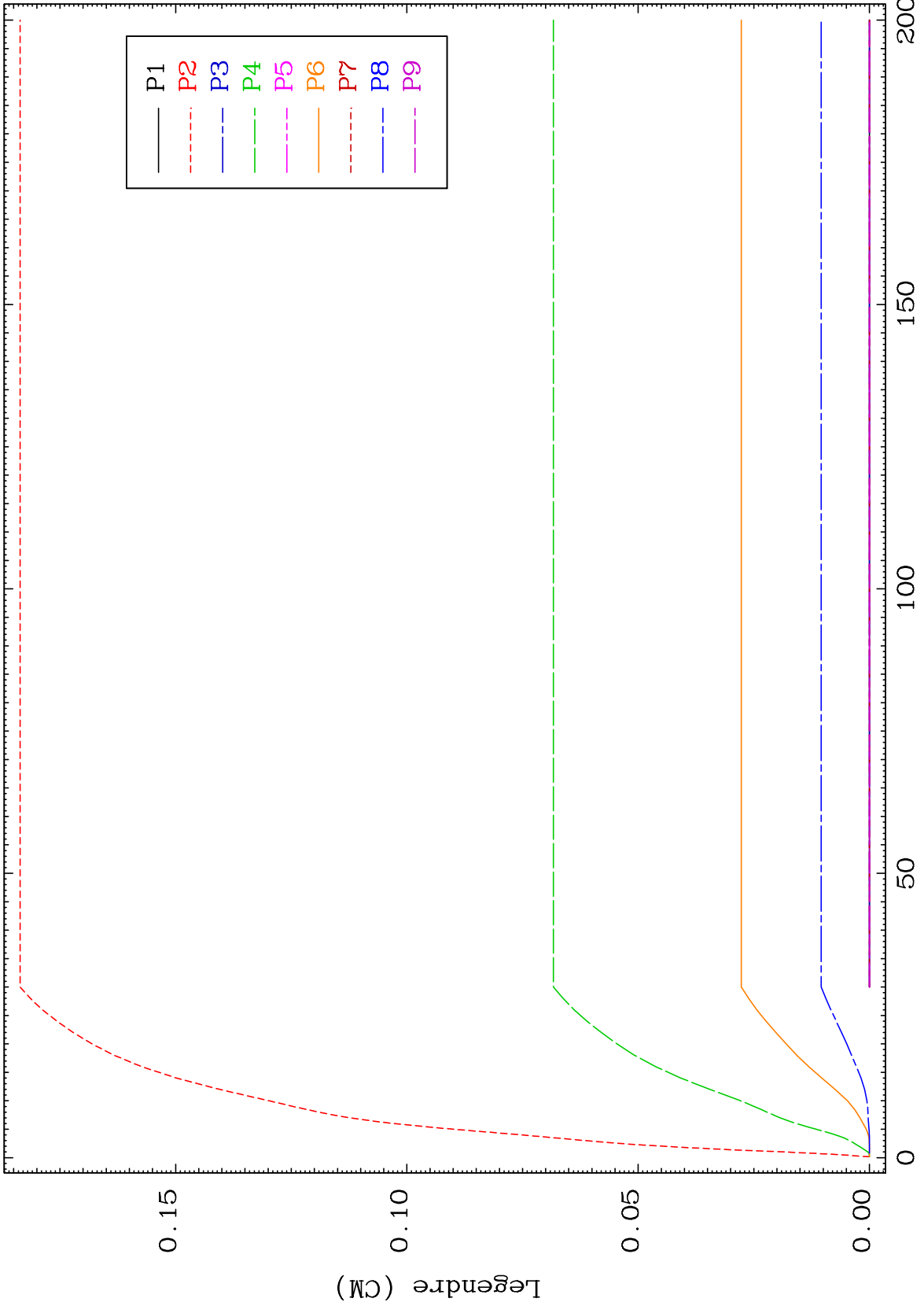
45-Rh-100

MAT 4516 MT= 57 (n,n') Level Legendre Coefficients 45-Rh-100



43 Incident Energy (MeV) 45-Rh-100

MAT 4516 MT= 58 (n,n') Level Legendre Coefficients 45-Rh-100

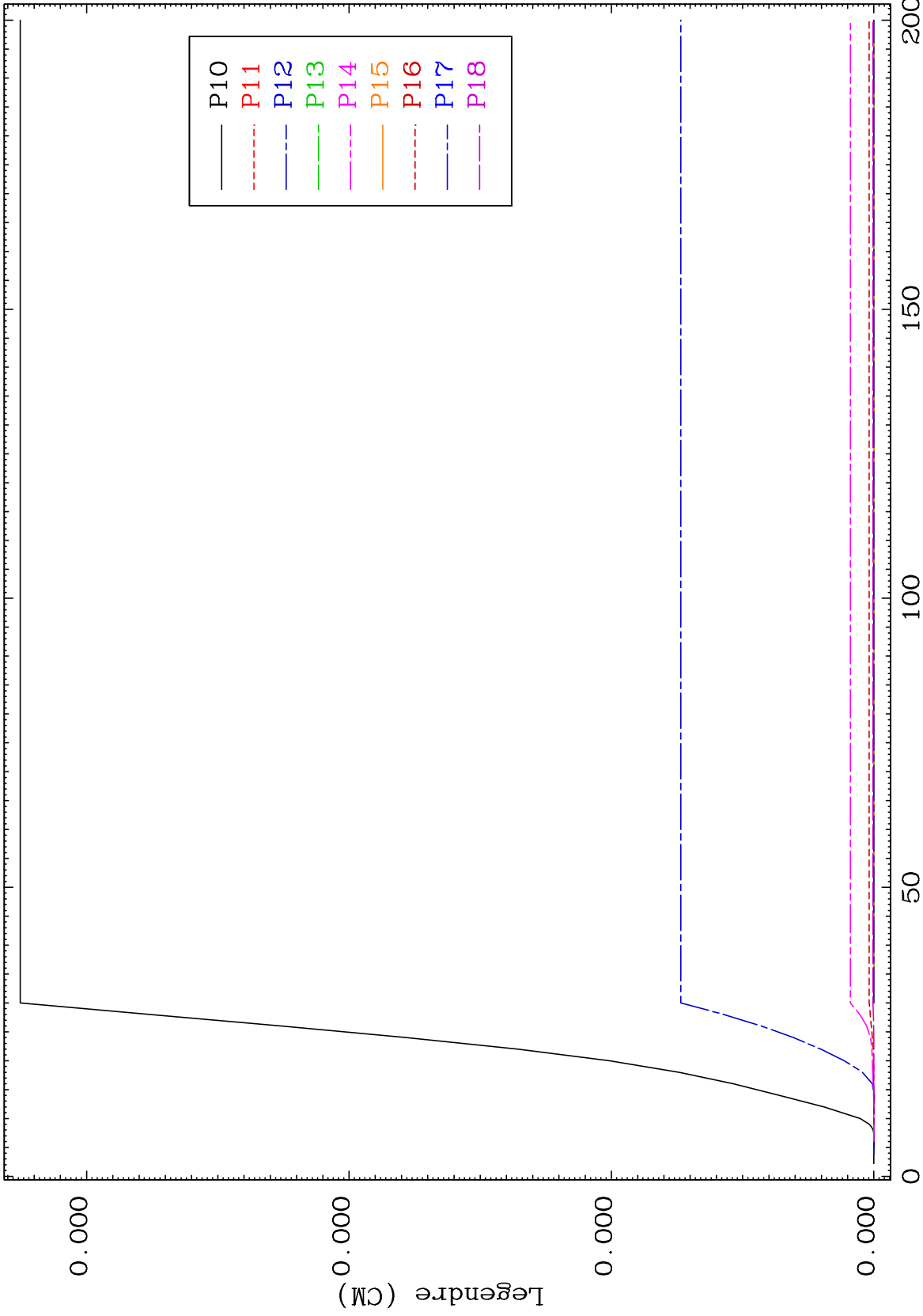


44 45-Rh-100

MAT 4516

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

45-Rh-100

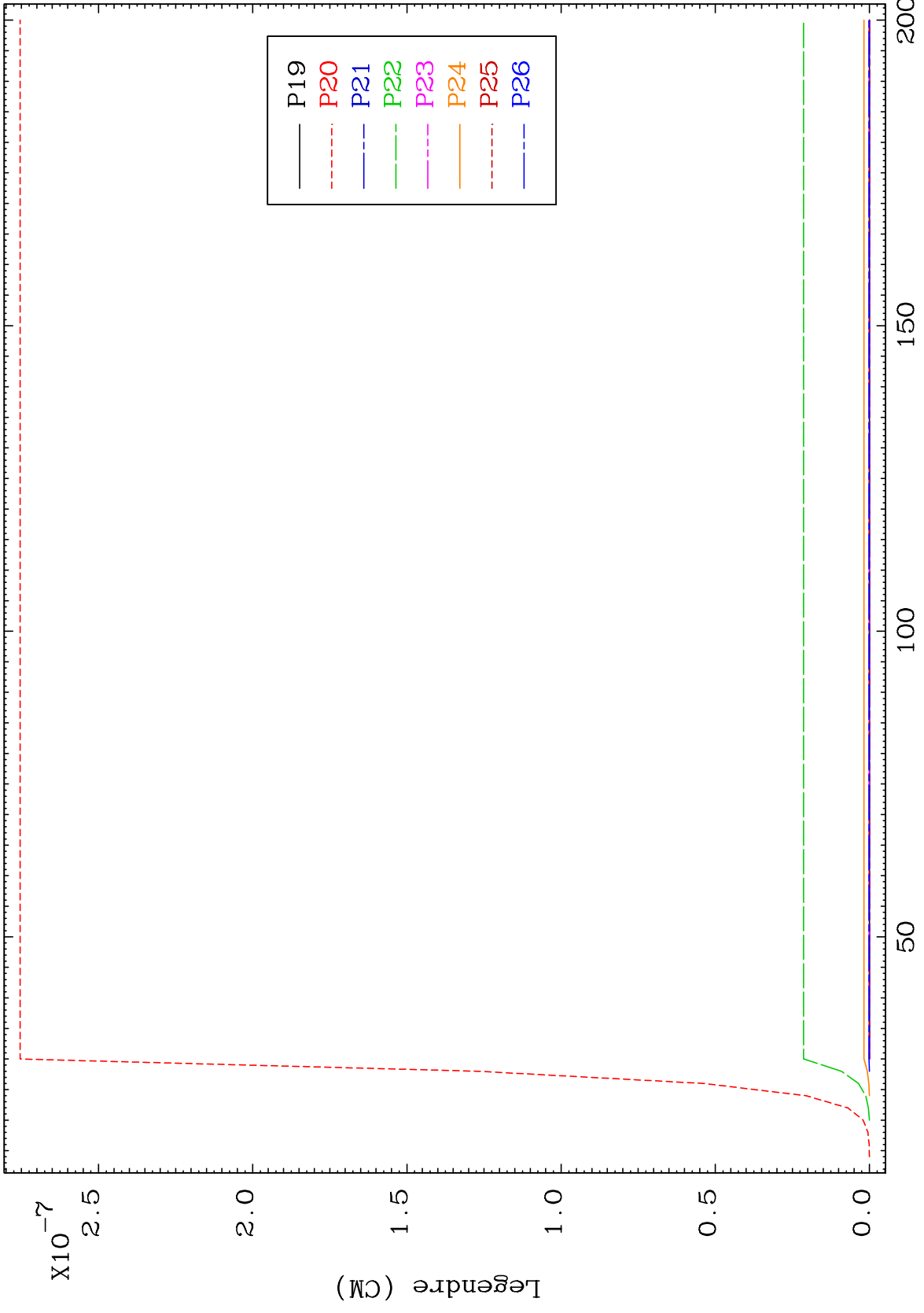


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Incident Energy (MeV)

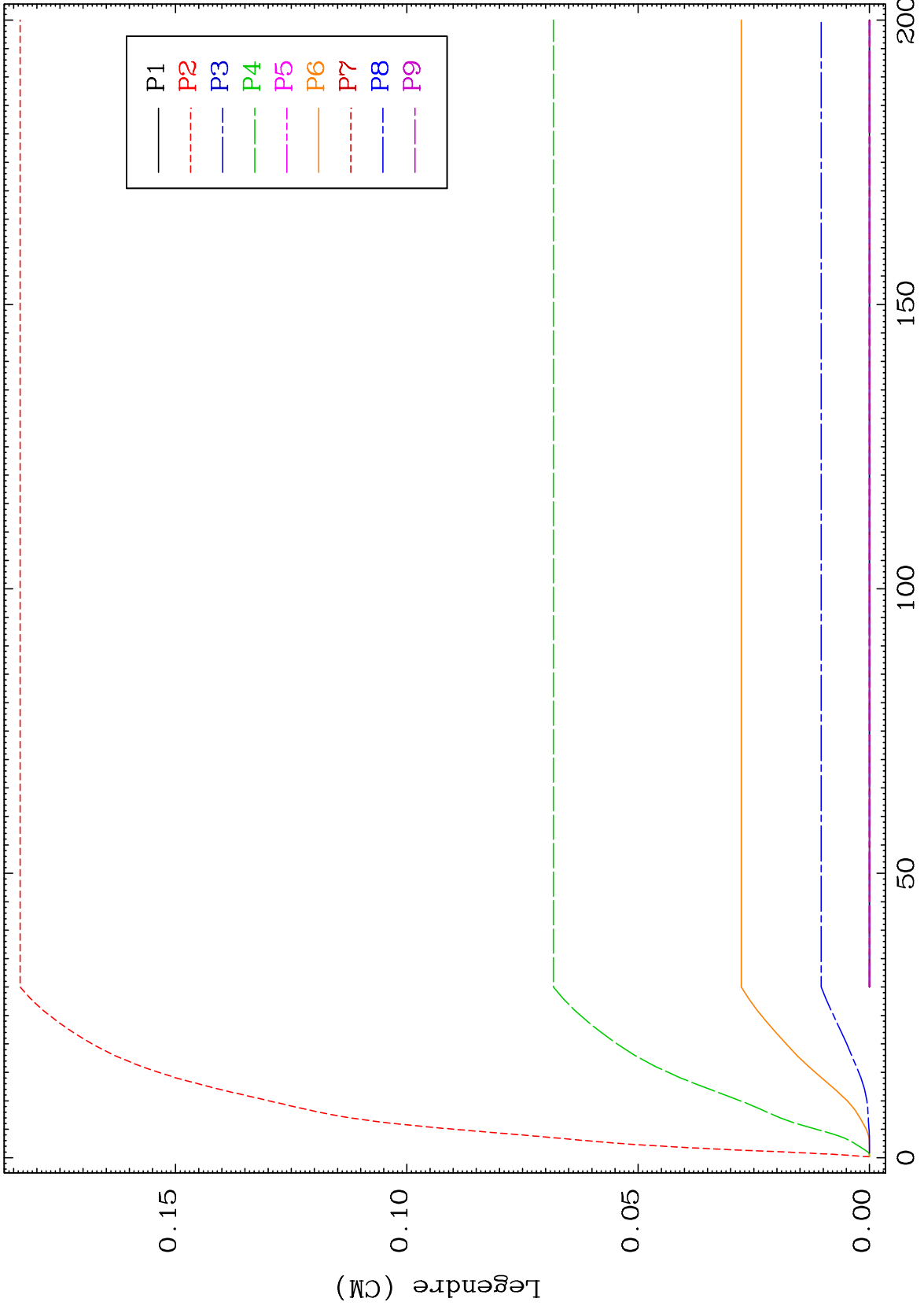
45-Rh-100

MAT 4516 MT= 58 (n,n') Level Legendre Coefficients 45-Rh-100



46 Incident Energy (MeV) 45-Rh-100

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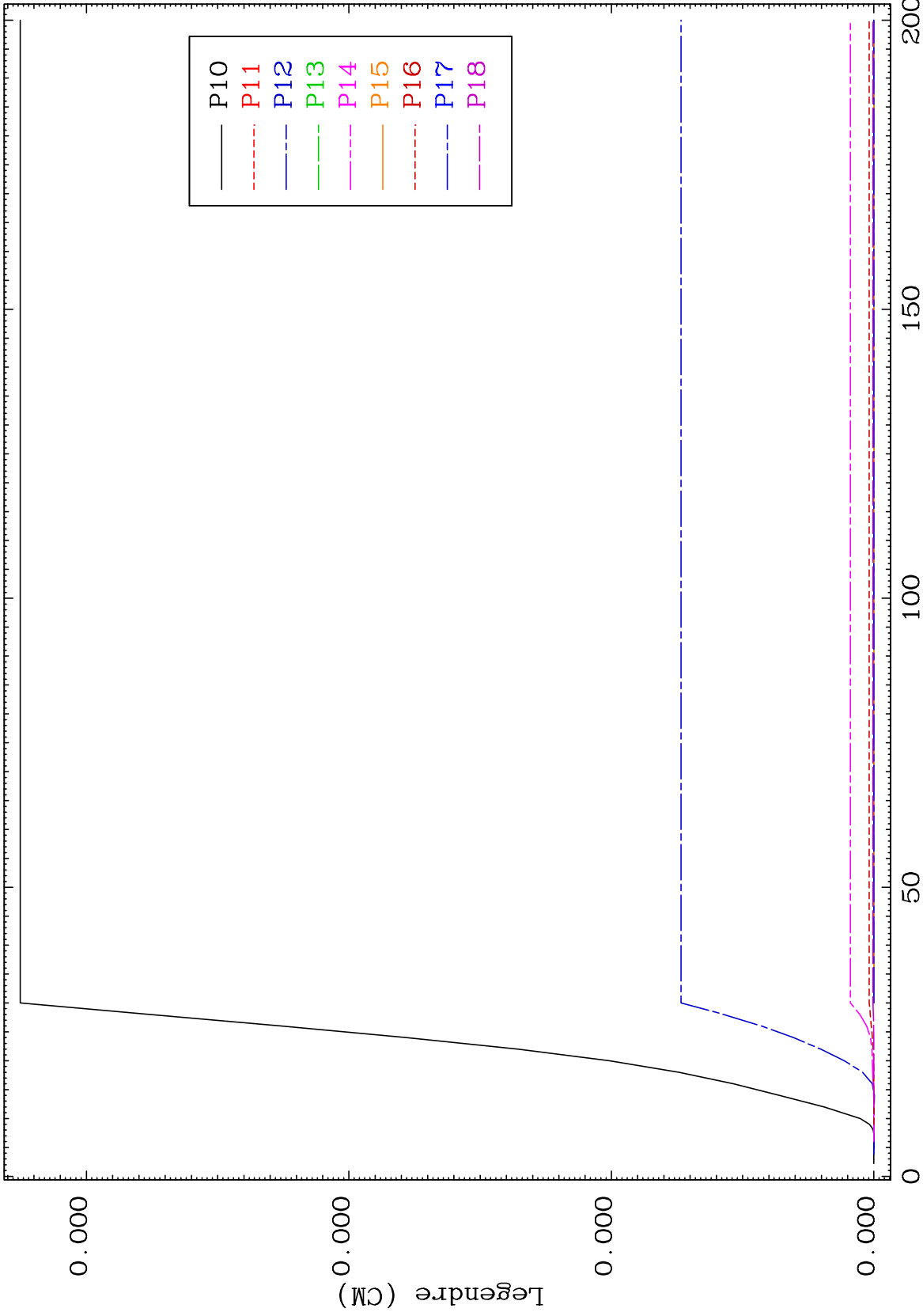
47 Incident Energy (MeV) 45-Rh-100



MAT 4516

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

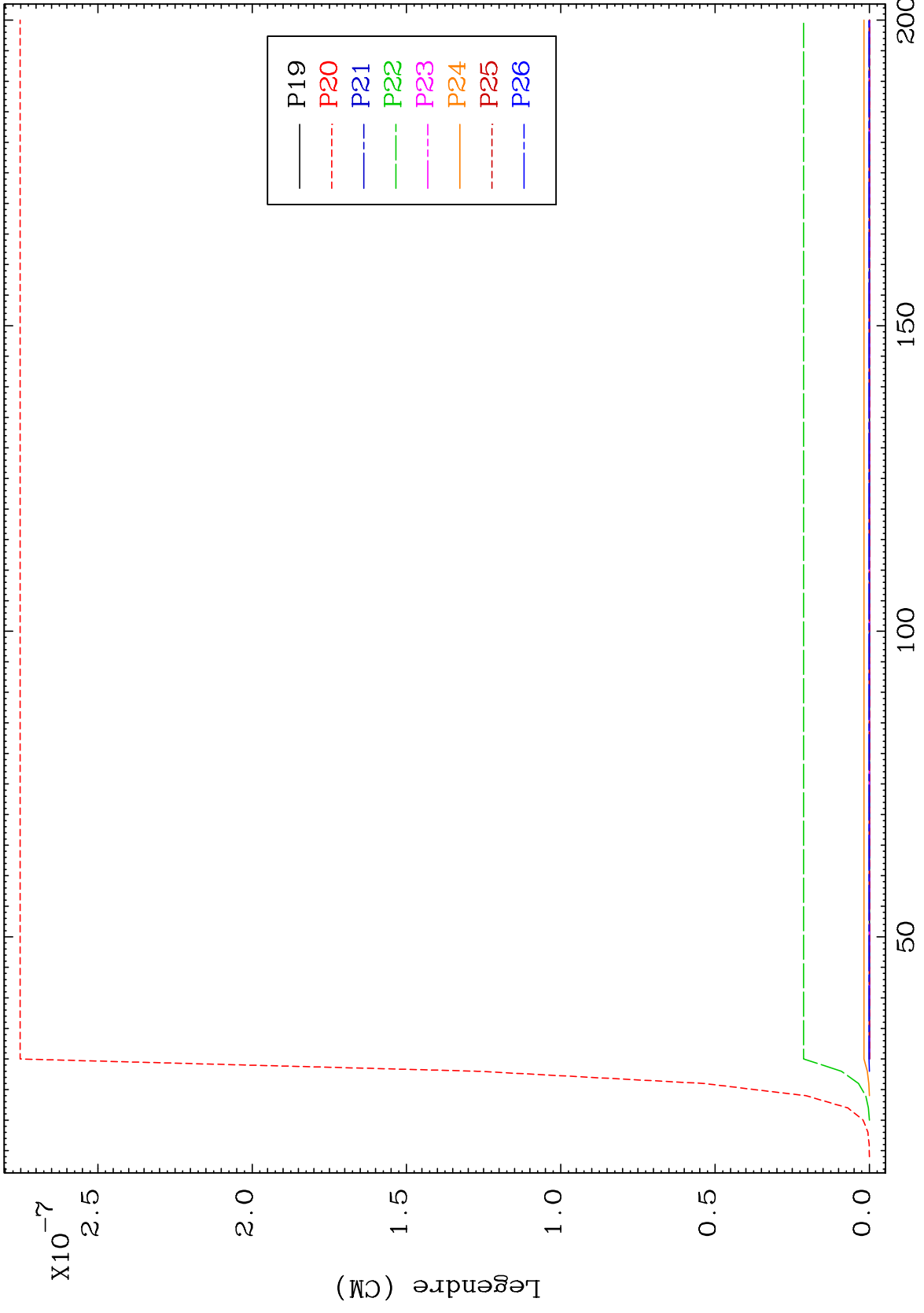
45-Rh-100



48

45-Rh-100

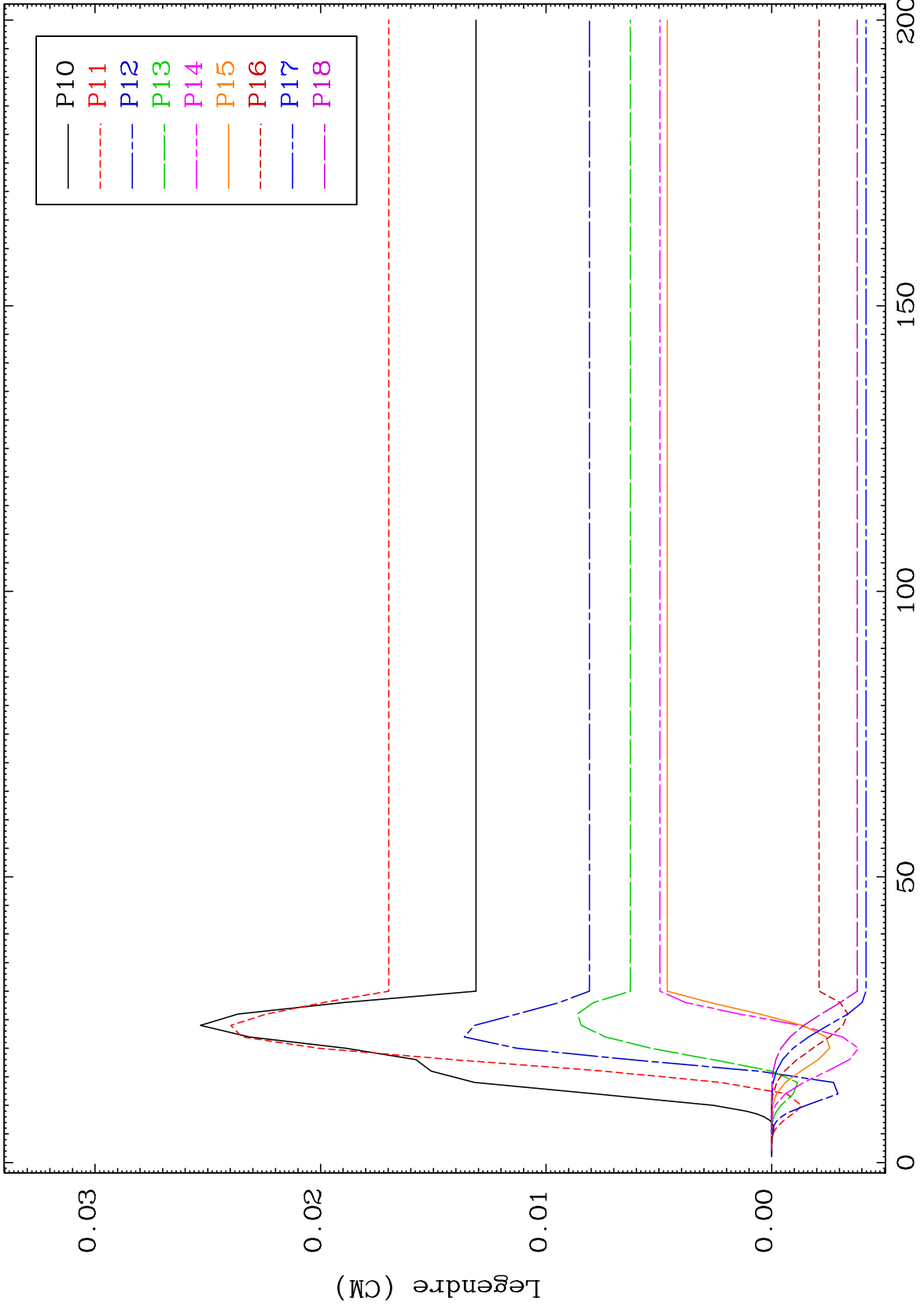
MAT 4516 MT= 59 (n,n') Level Legendre Coefficients 45-Rh-100



49 Incident Energy (MeV) 45-Rh-100

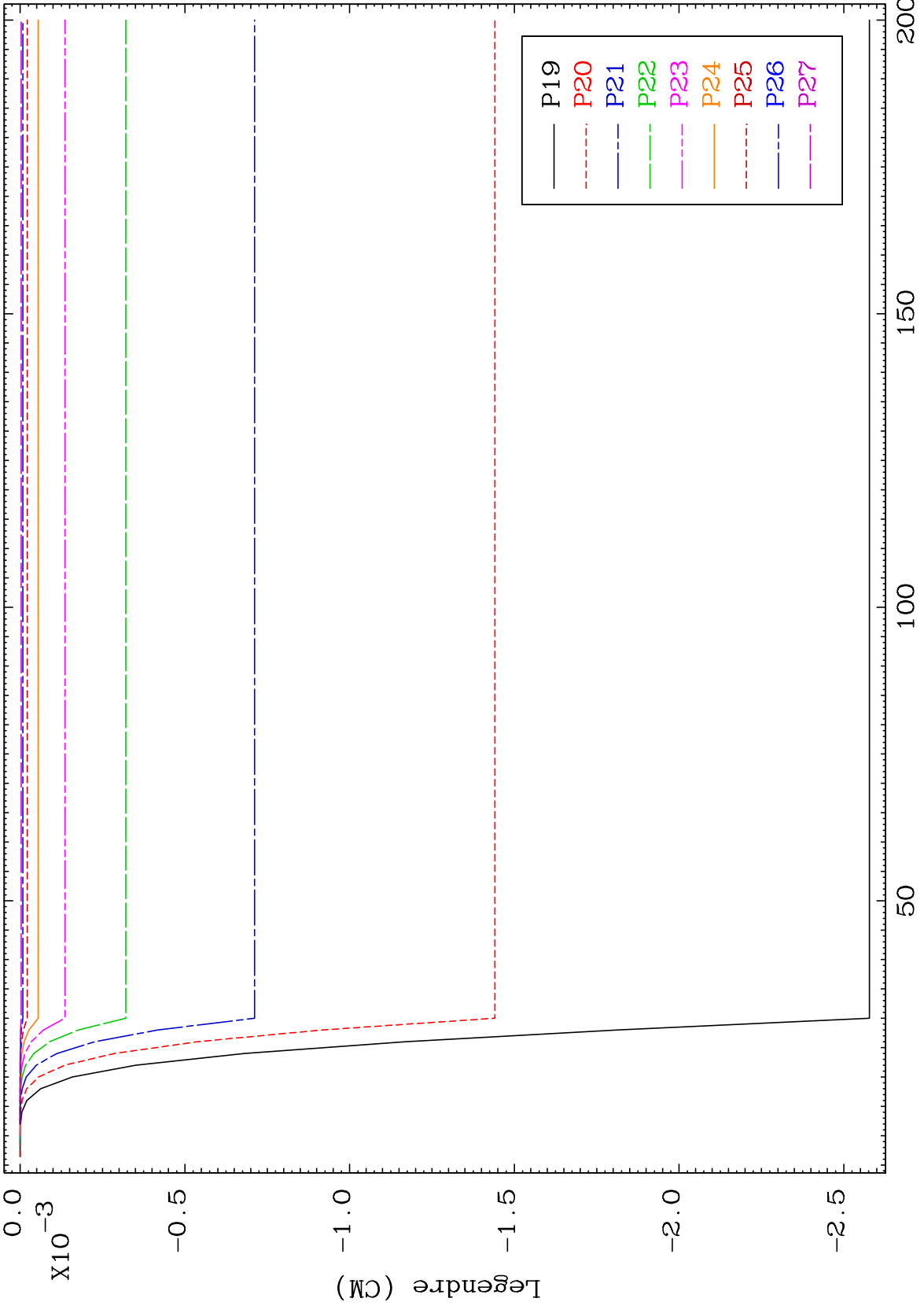


MAT 4516 MT= 60 (n,n') Level Legendre Coefficients 45-Rh-100



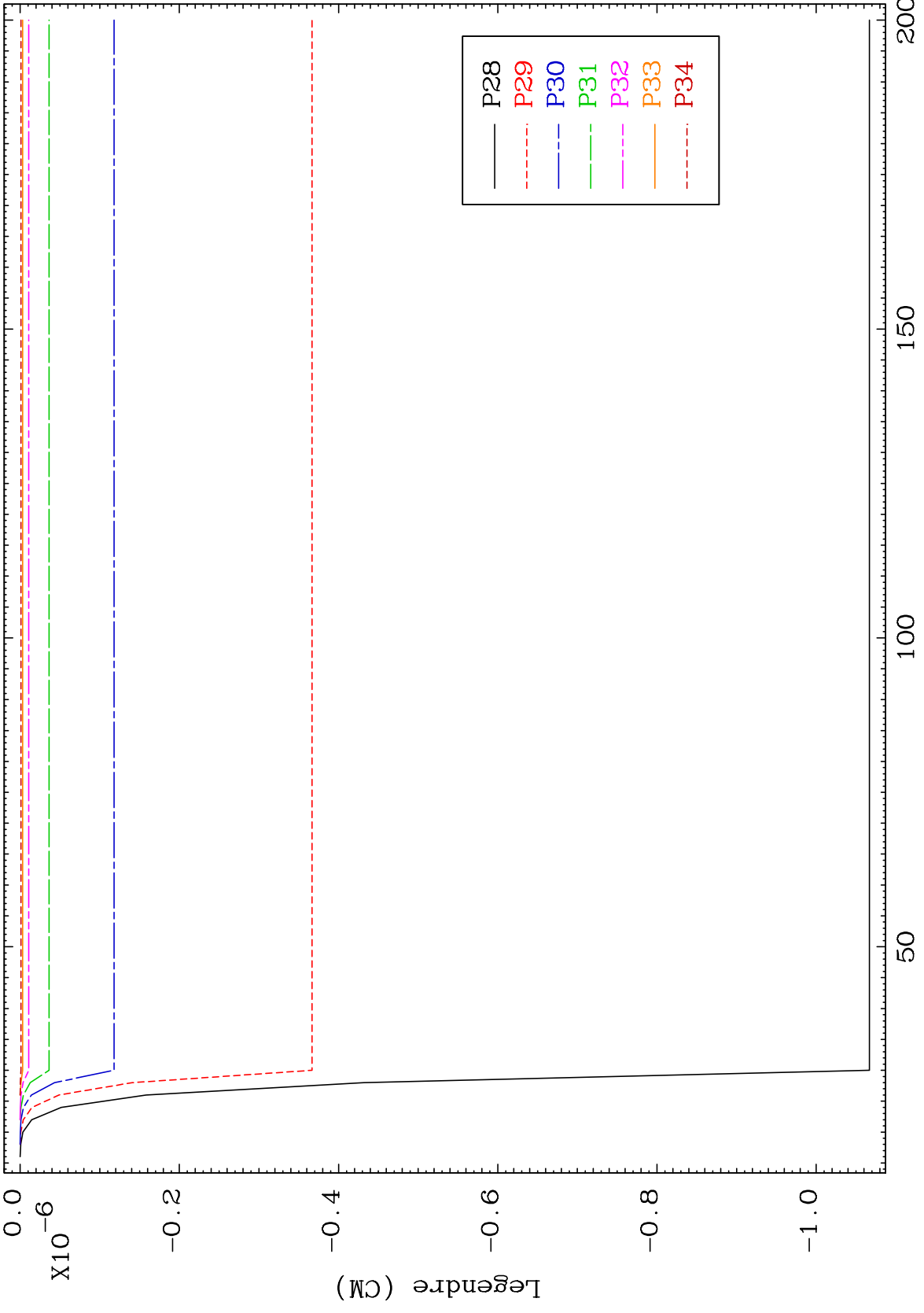
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MAT 4516 MT= 60 (n,n') Level Legendre Coefficients 45-Rh-100



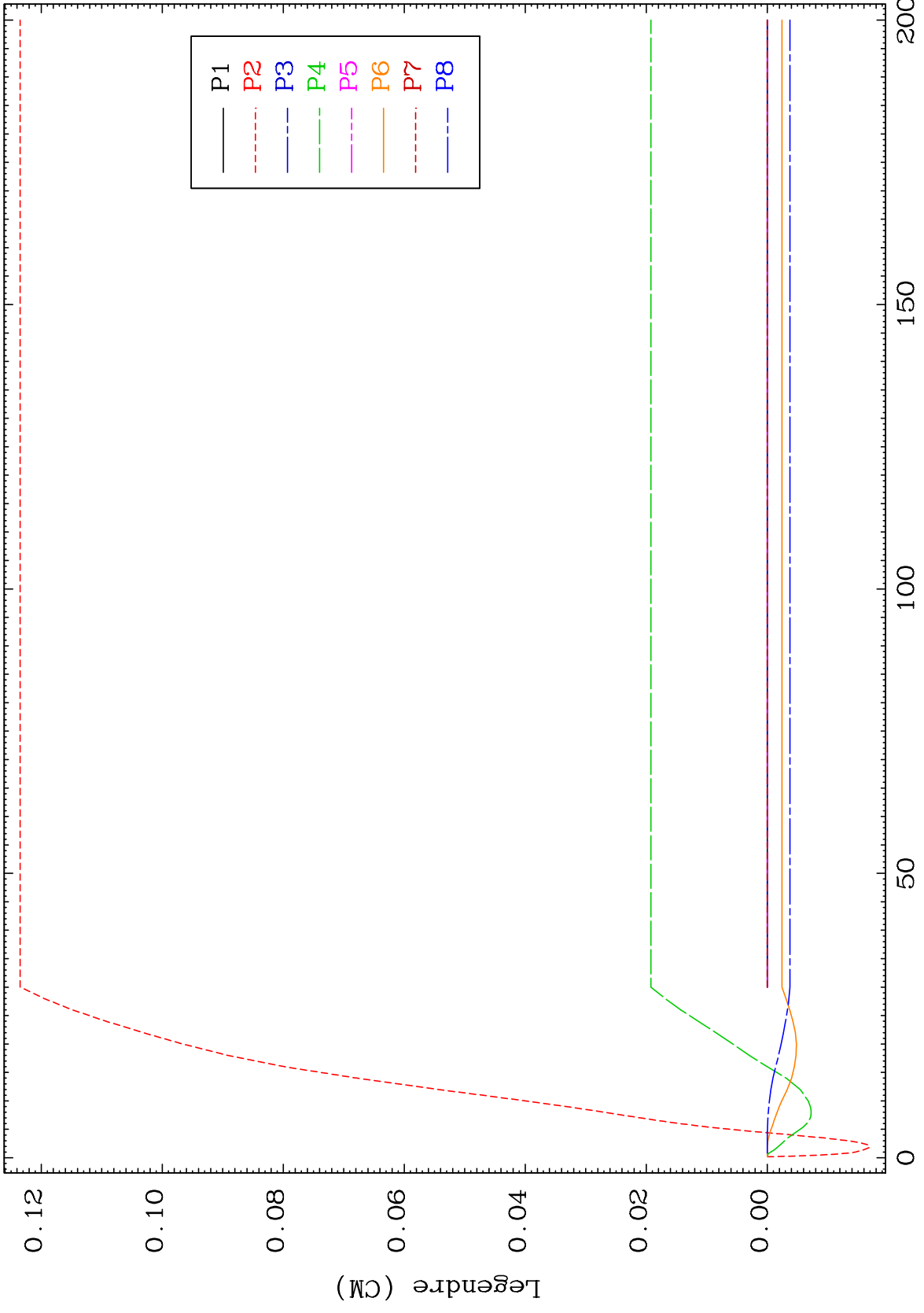
52 45-Rh-100

MAT 4516 MT= 60 (n,n') Level Legendre Coefficients 45-Rh-100



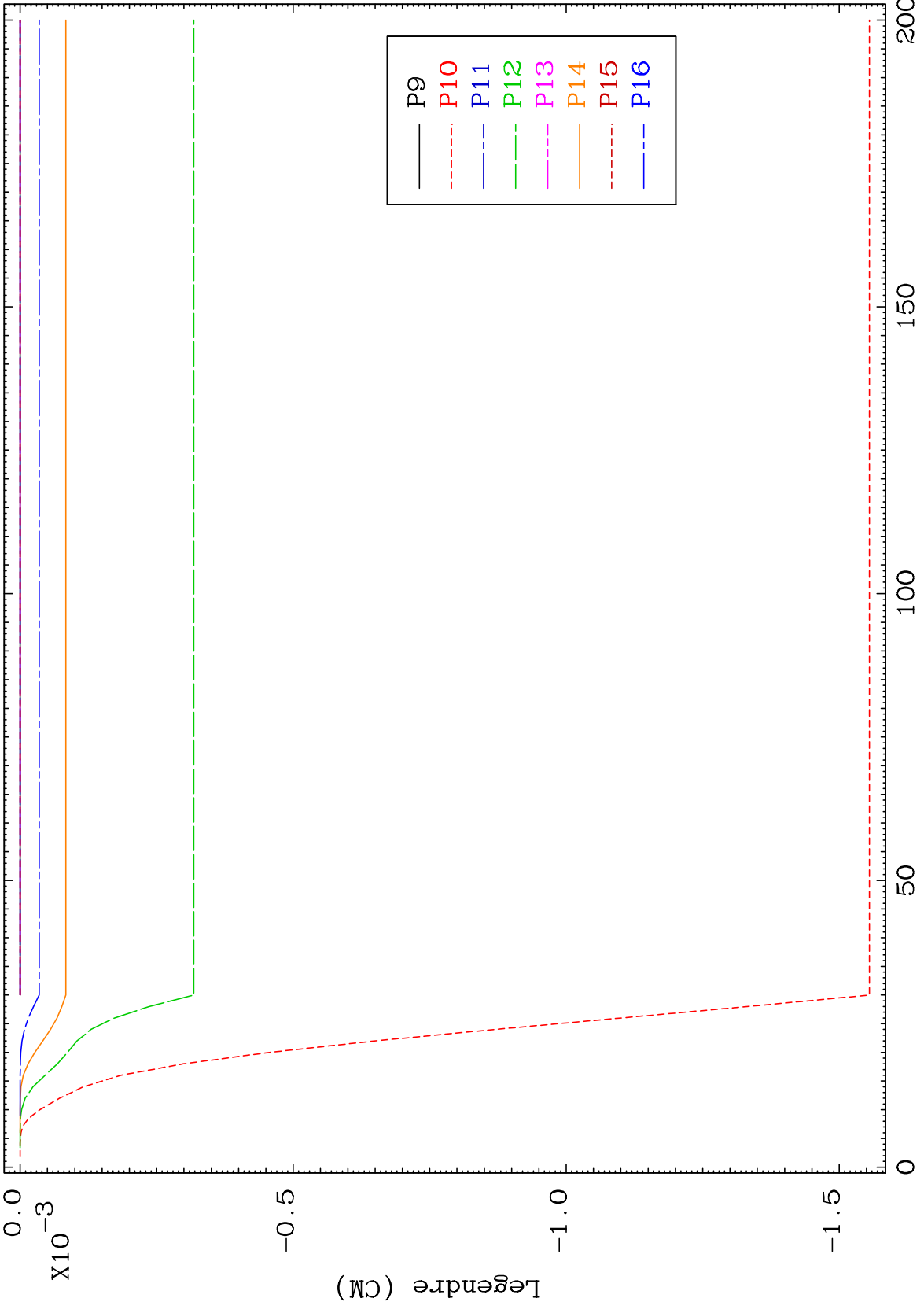
53 45-Rh-100

MAT 4516 MT= 61 (n,n') Level Legendre Coefficients 45-Rh-100



54 45-Rh-100

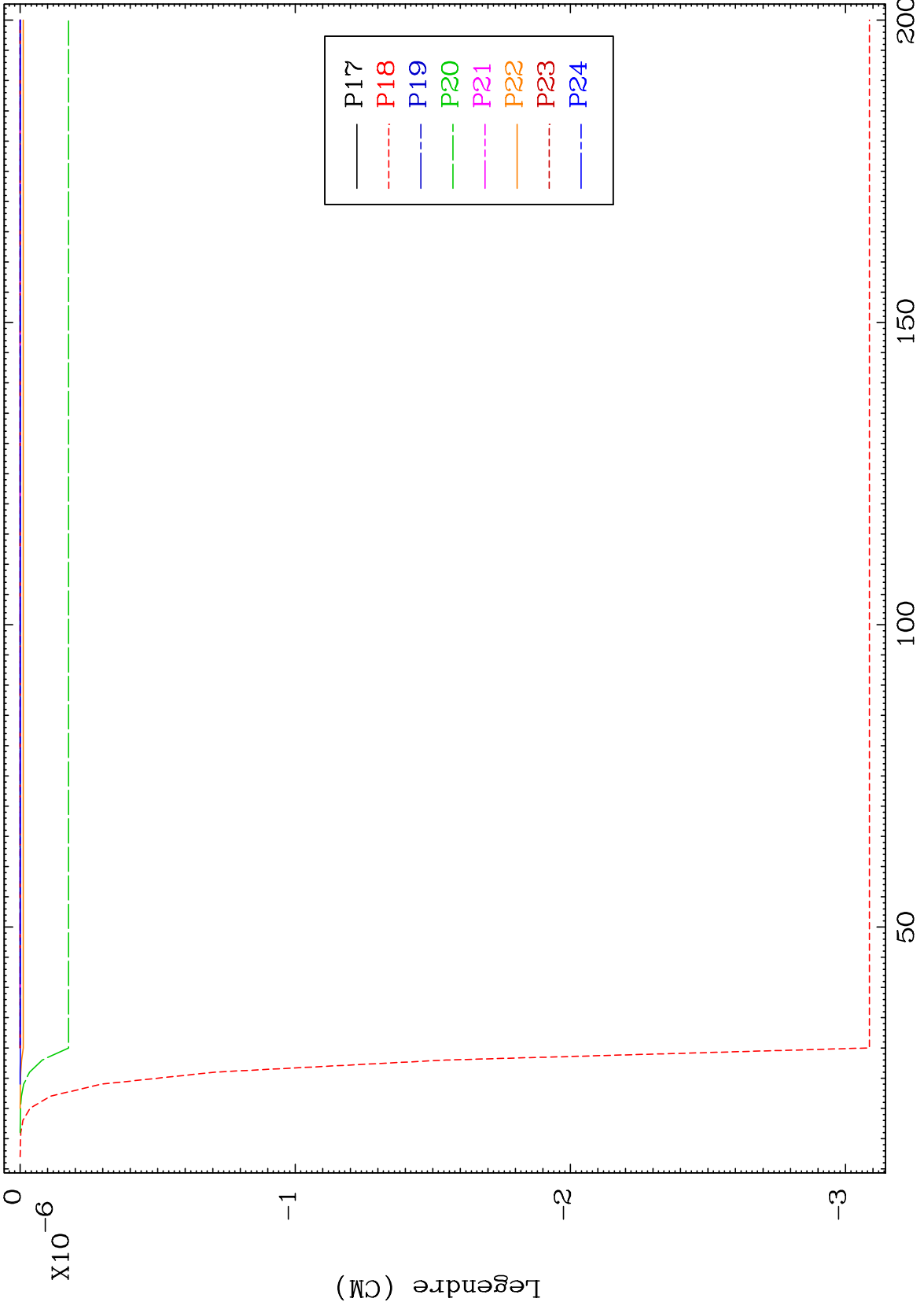
MAT 4516 MT= 61 (n,n') Level Legendre Coefficients 45-Rh-100



55 Incident Energy (MeV) 45-Rh-100



MAT 4516 MT= 61 (n,n') Level Legendre Coefficients 45-Rh-100

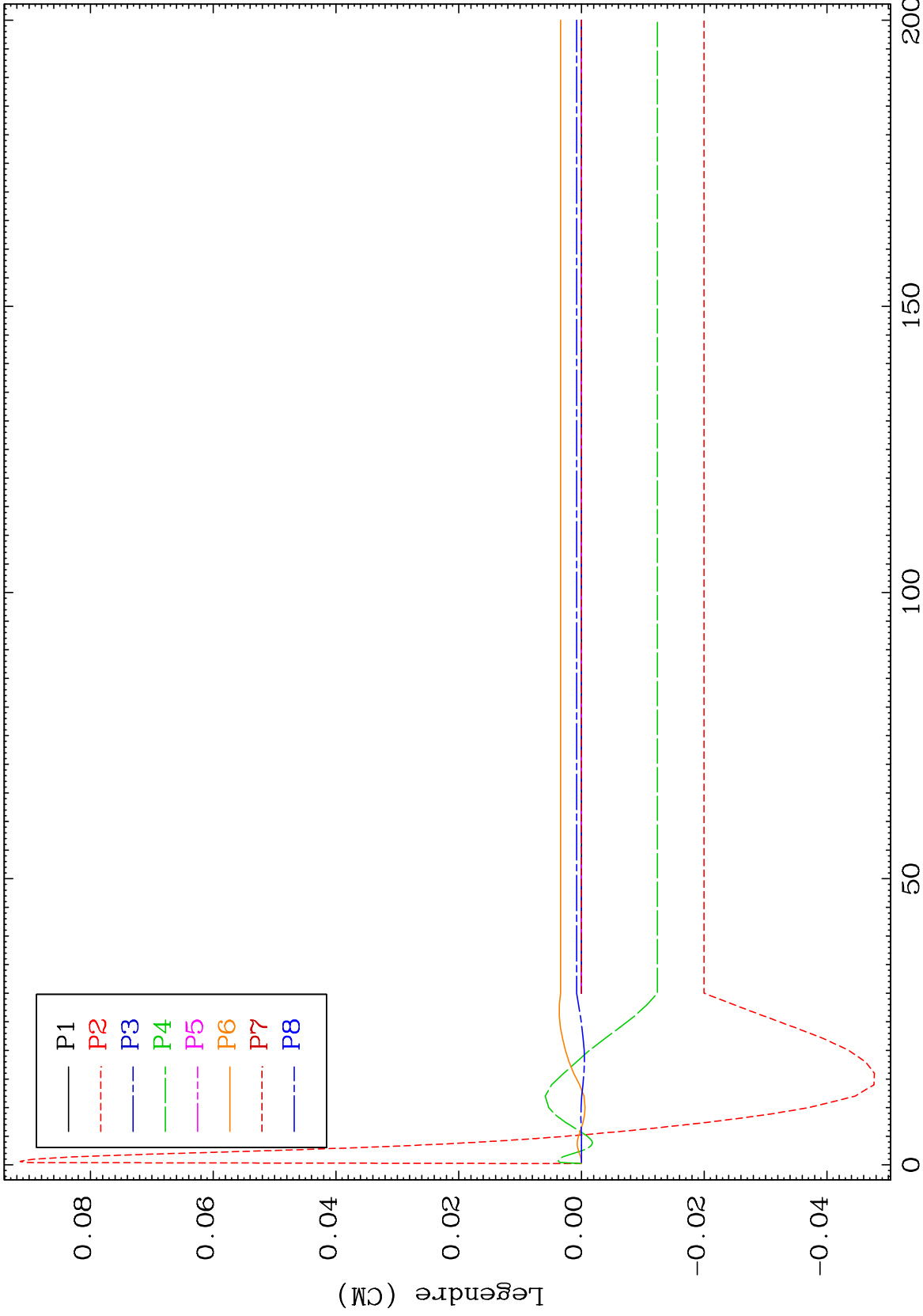


56 Incident Energy (MeV) 45-Rh-100

MAT 4516

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

45-Rh-100

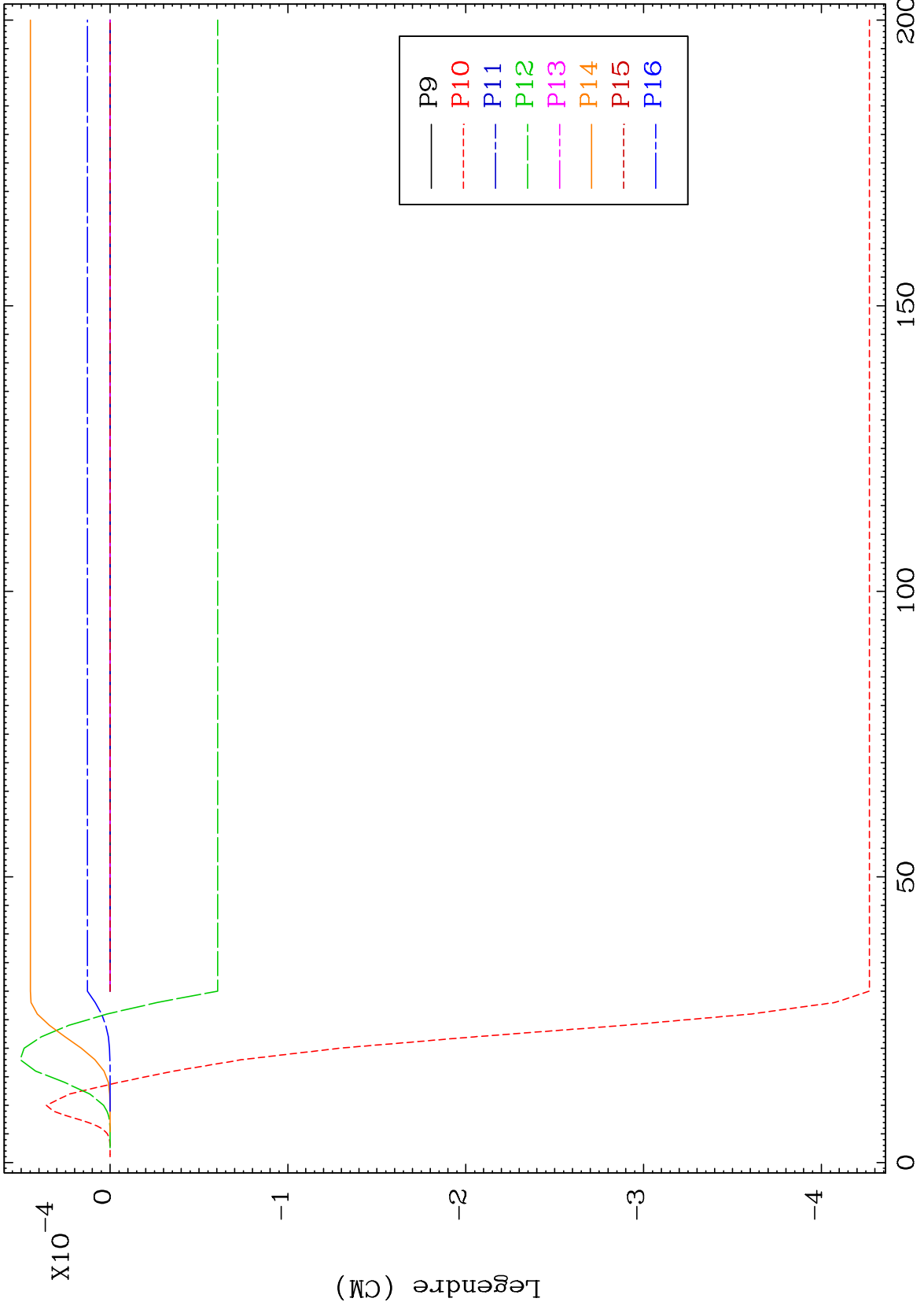


57

Incident Energy (MeV)

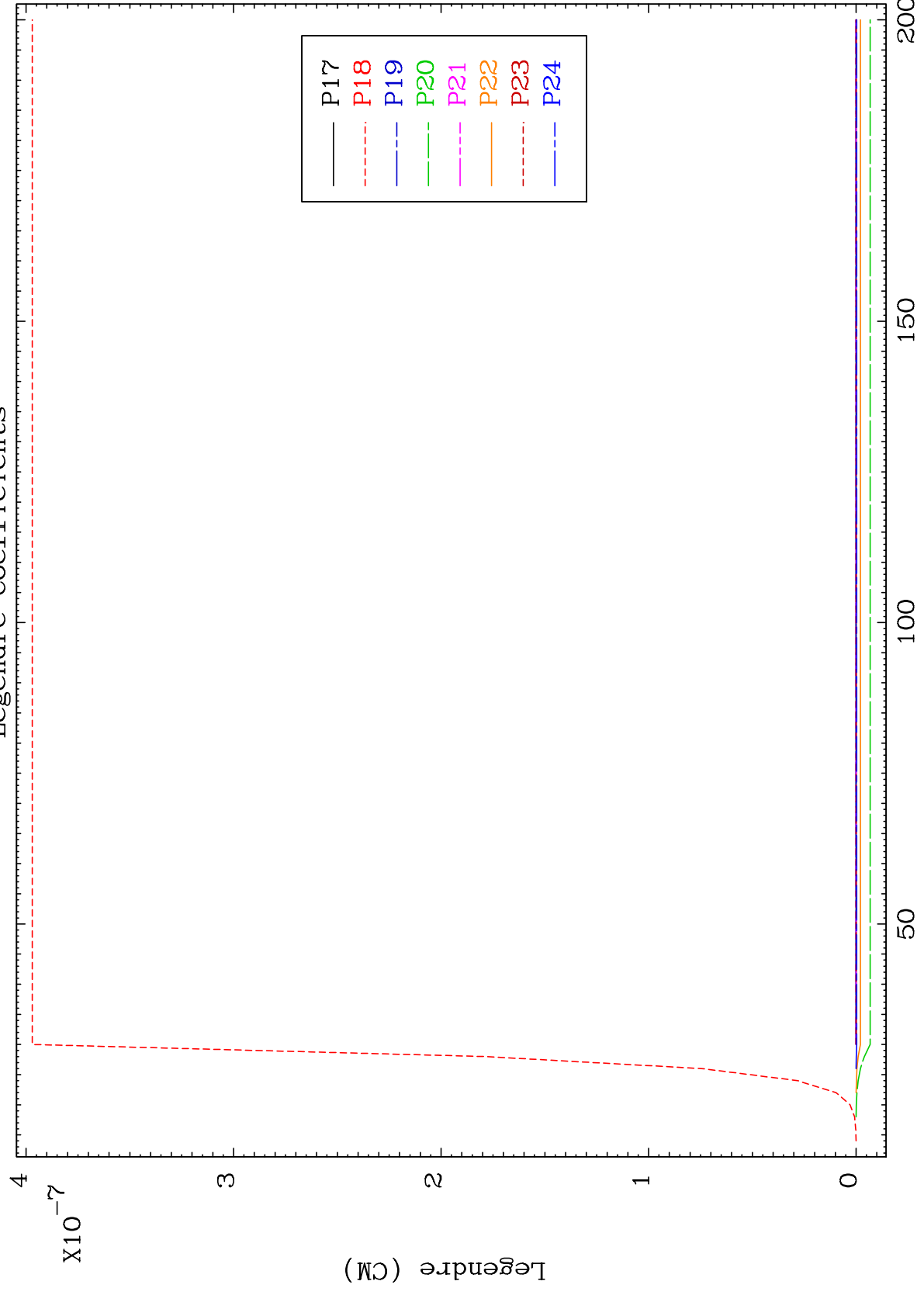
45-Rh-100

MAT 4516 MT= 62 (n,n') Level Legendre Coefficients 45-Rh-100



58 Incident Energy (MeV) 45-Rh-100

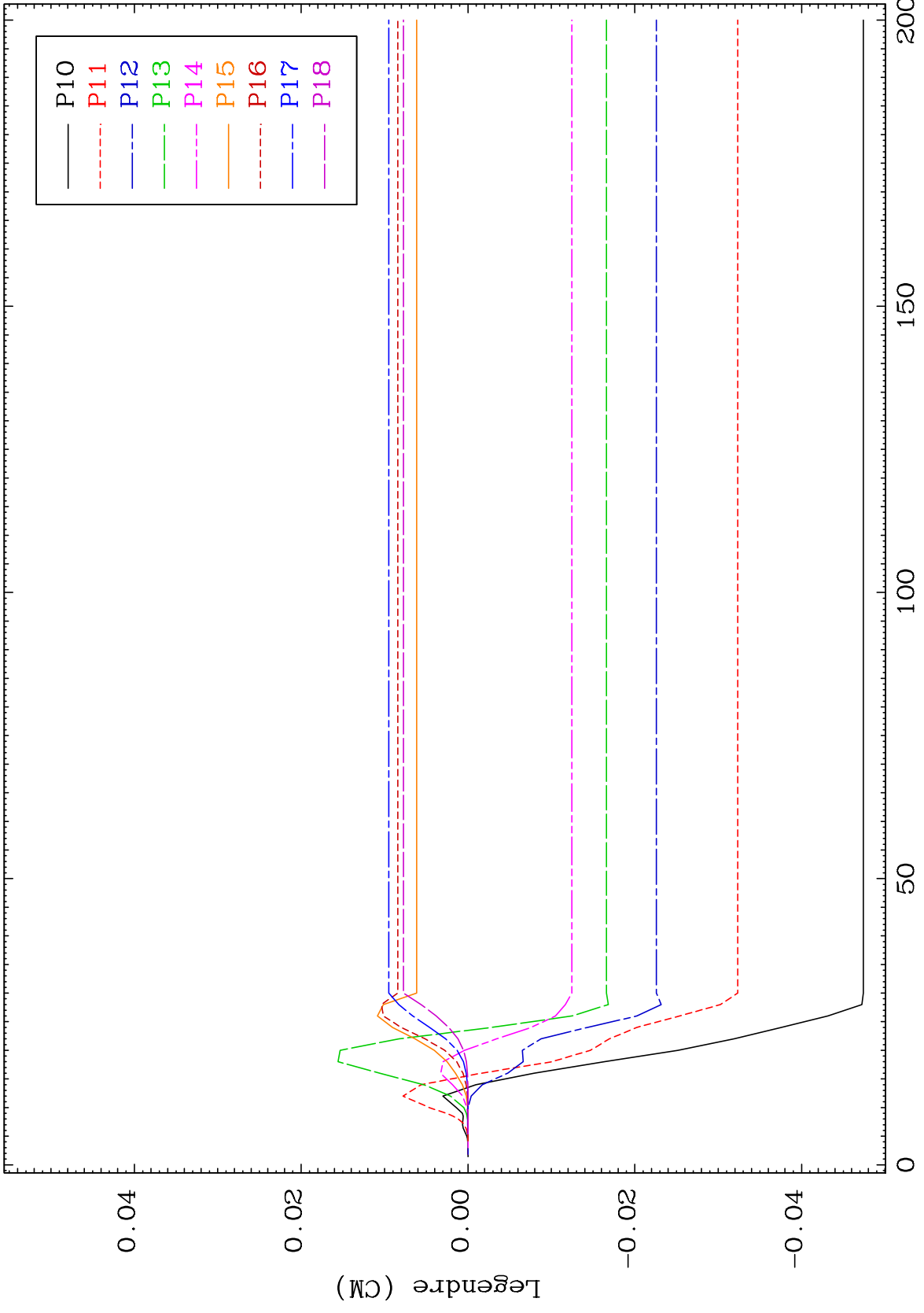
MAT 4516 MT= 62 (n,n') Level Legendre Coefficients 45-Rh-100



59 Incident Energy (MeV) 45-Rh-100



MAT 4516 MT= 63 (n,n') Level Legendre Coefficients 45-Rh-100

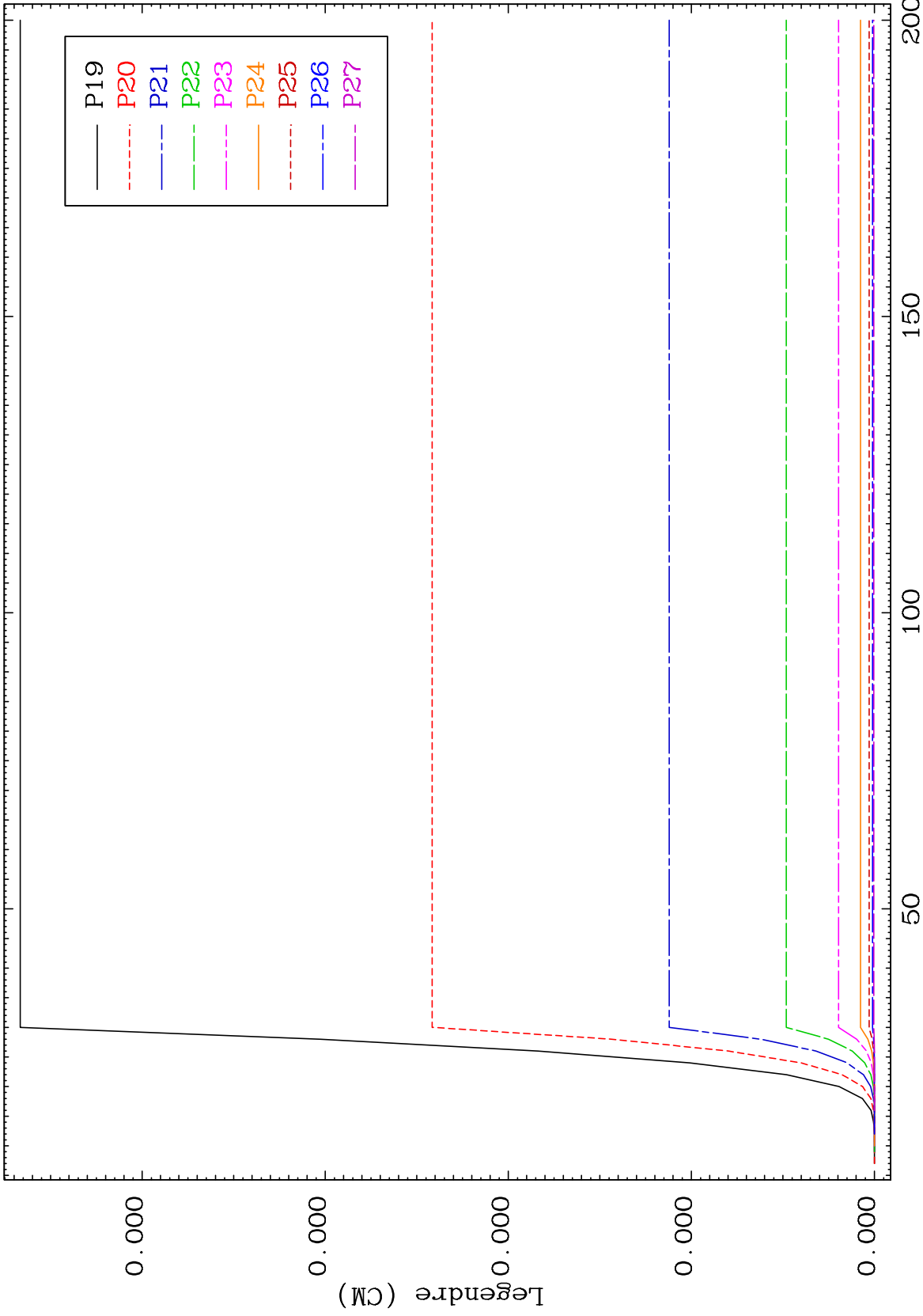


61 Incident Energy (MeV) 45-Rh-100

MAT 4516

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

45-Rh-100



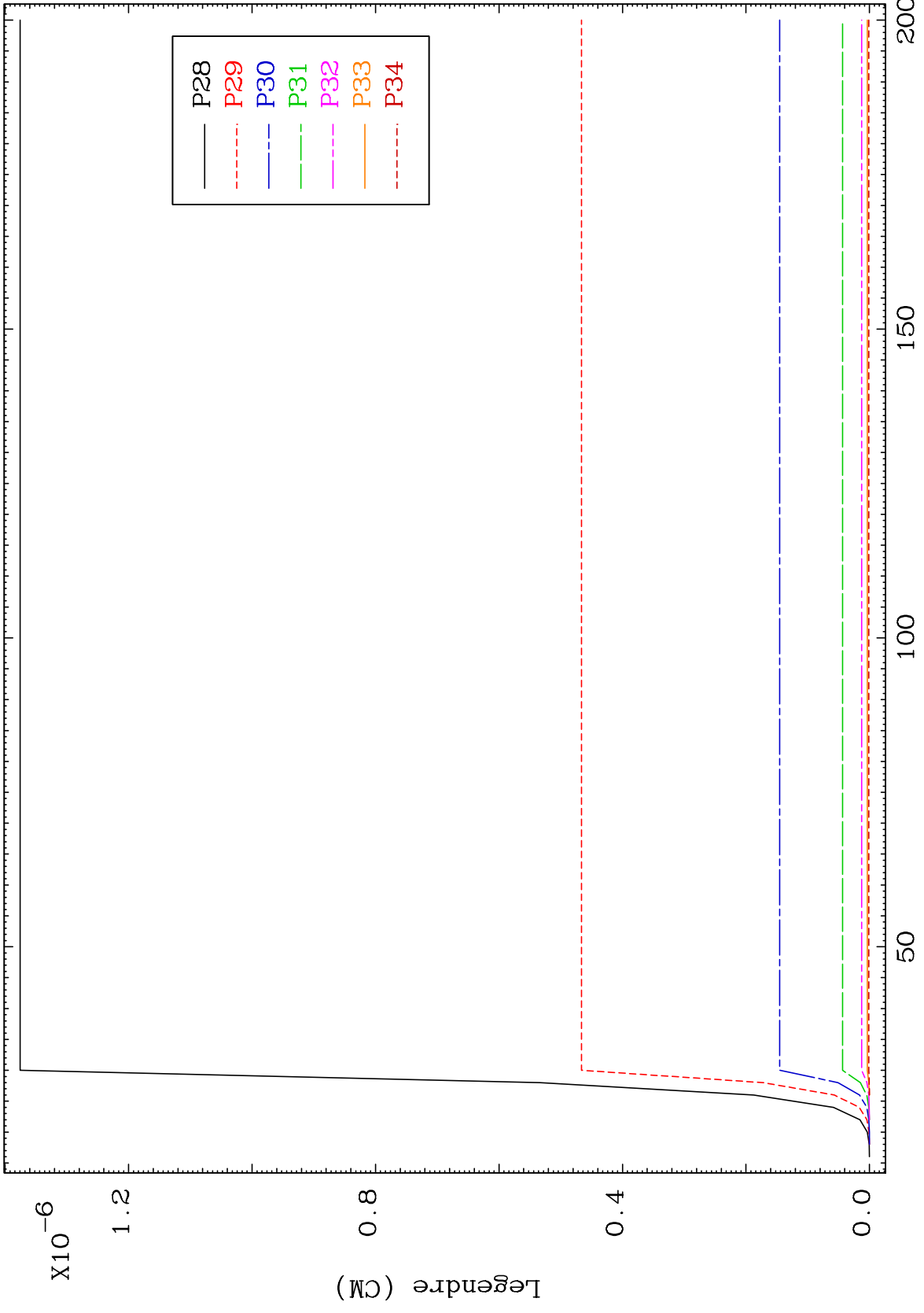
62

45-Rh-100

MAT 4516

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

45-Rh-100

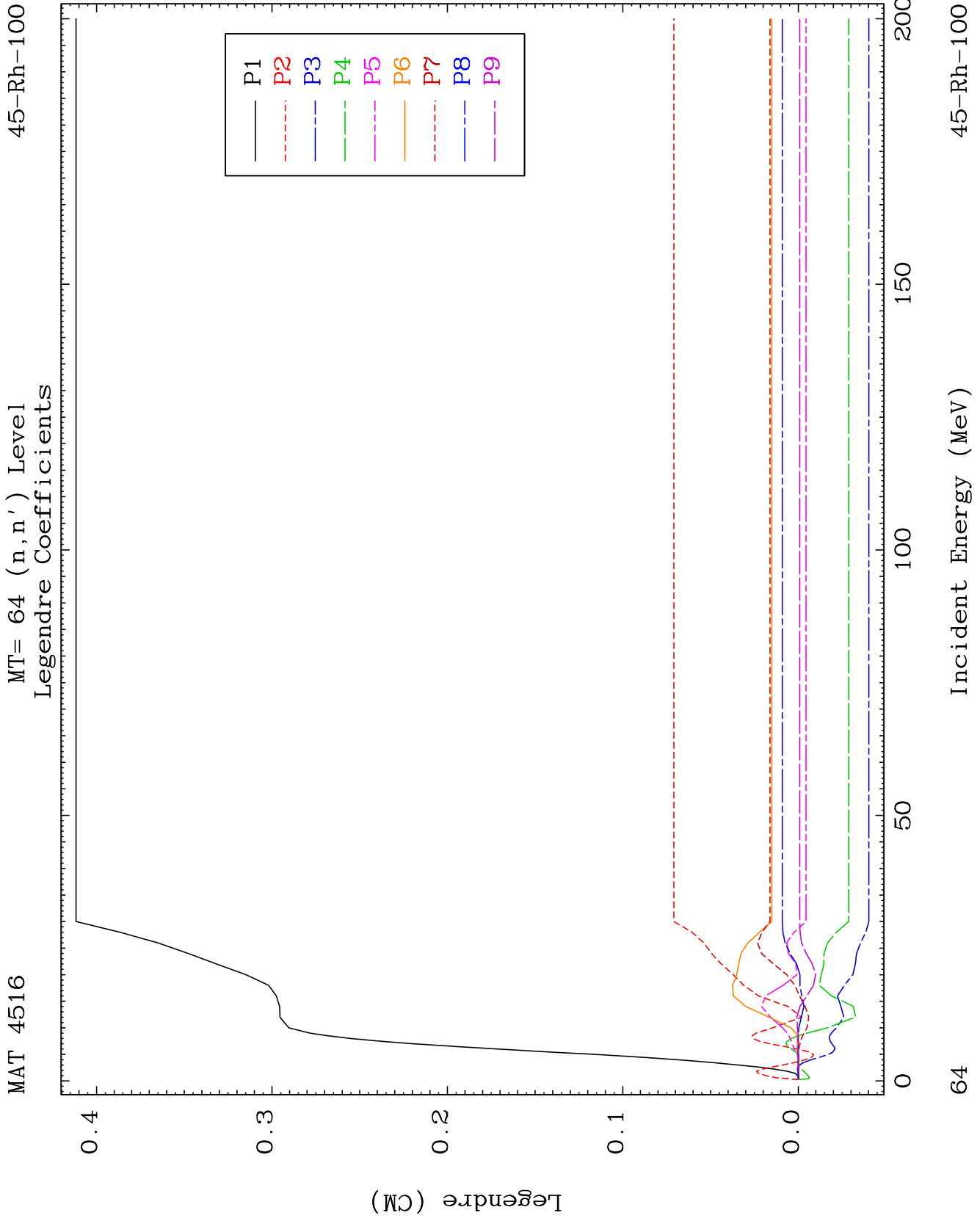


63

Incident Energy (MeV)

45-Rh-100



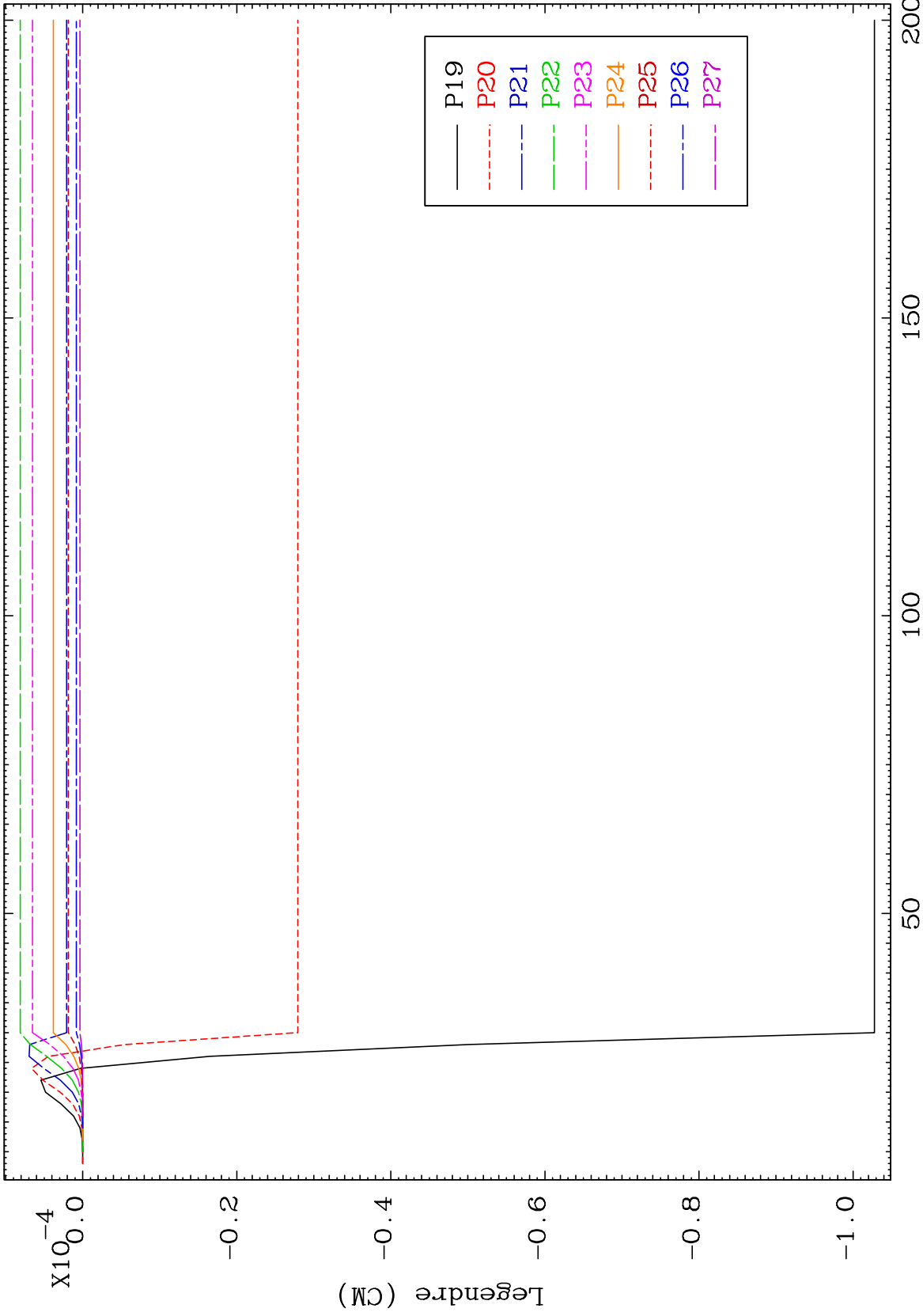




MAT 4516

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

45-Rh-100



66

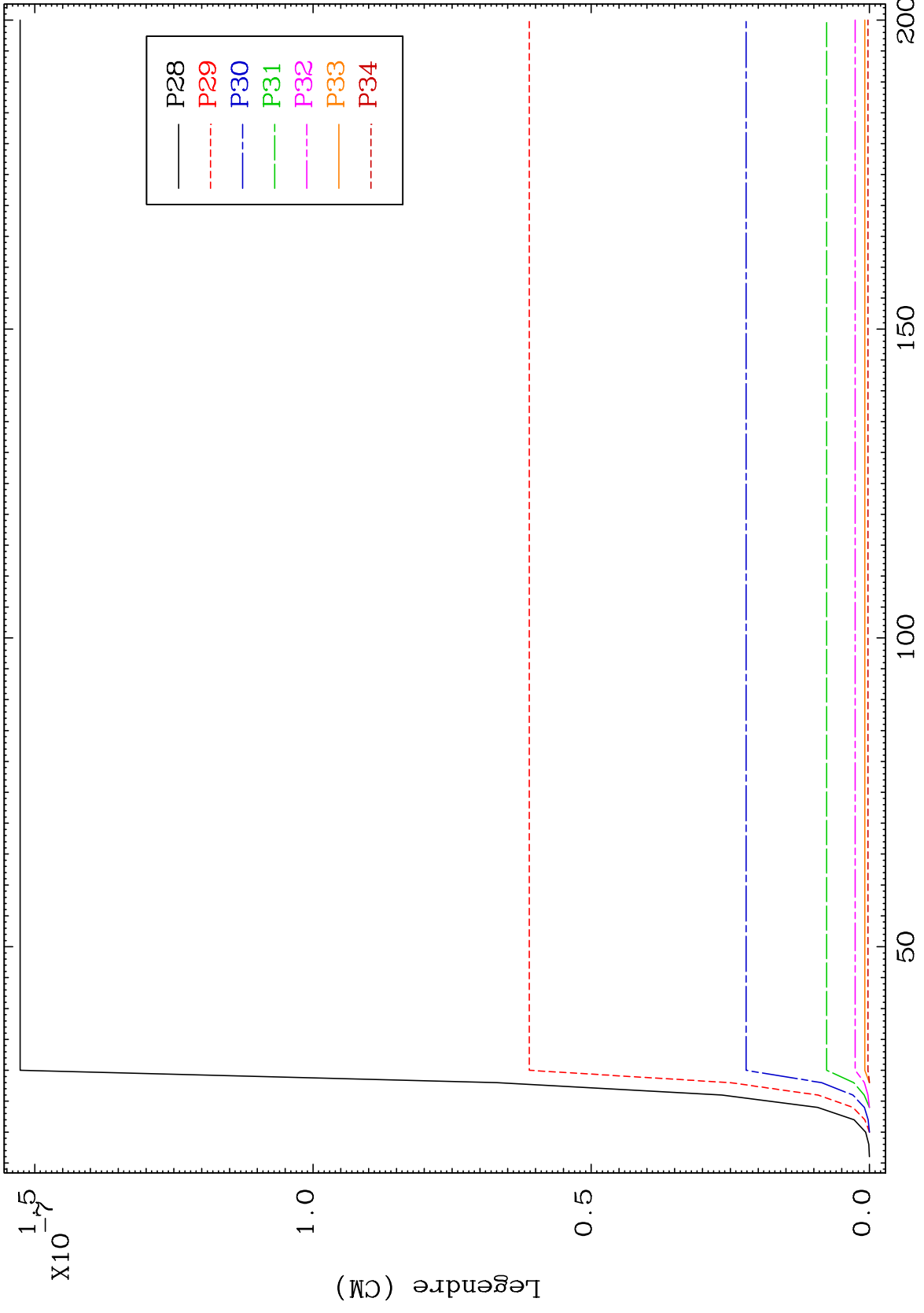
Incident Energy (MeV)

45-Rh-100

MAT 4516

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

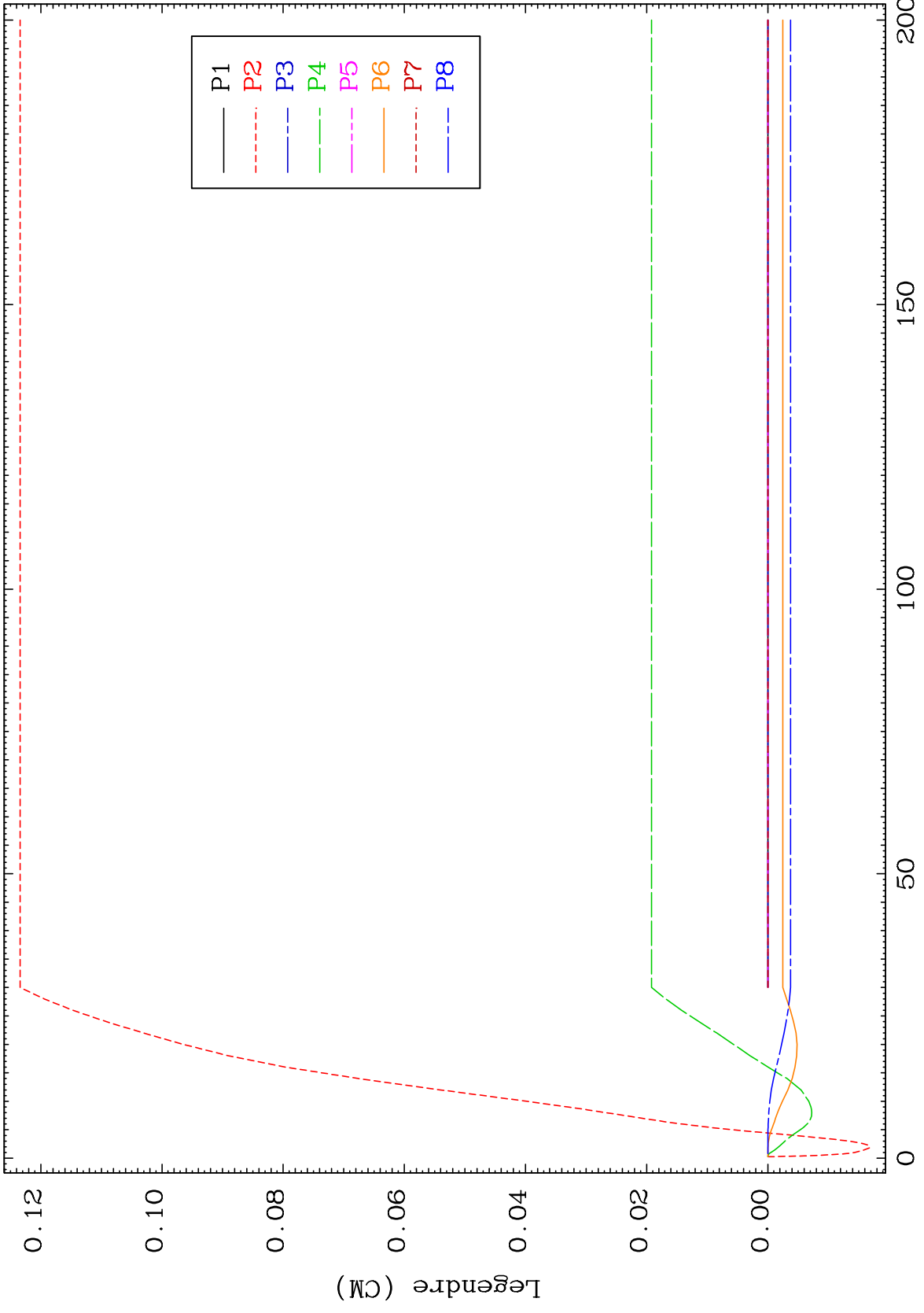
45-Rh-100



67

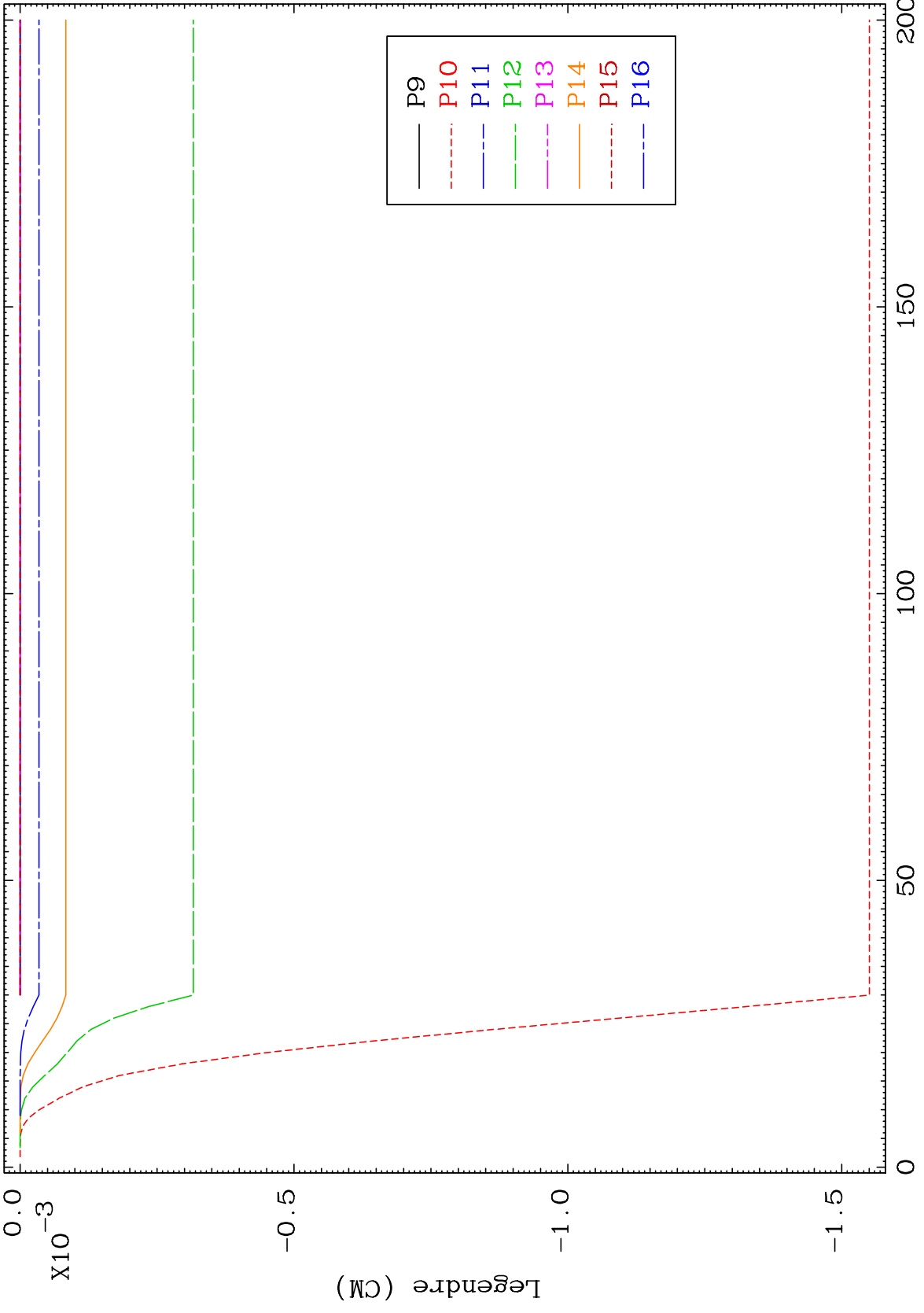
45-Rh-100

MAT 4516 MT= 65 (n,n') Level Legendre Coefficients 45-Rh-100

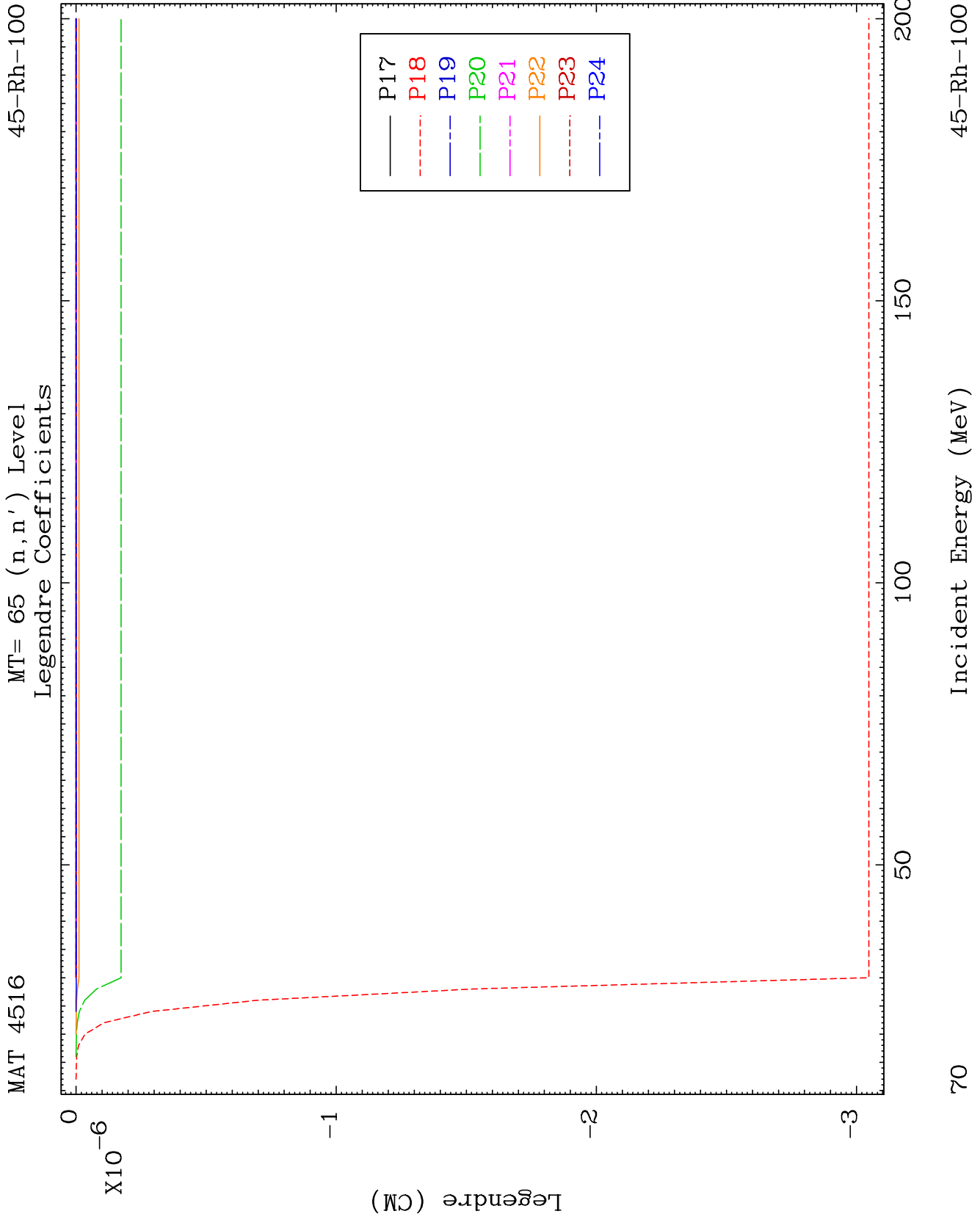


68 Incident Energy (MeV) 45-Rh-100

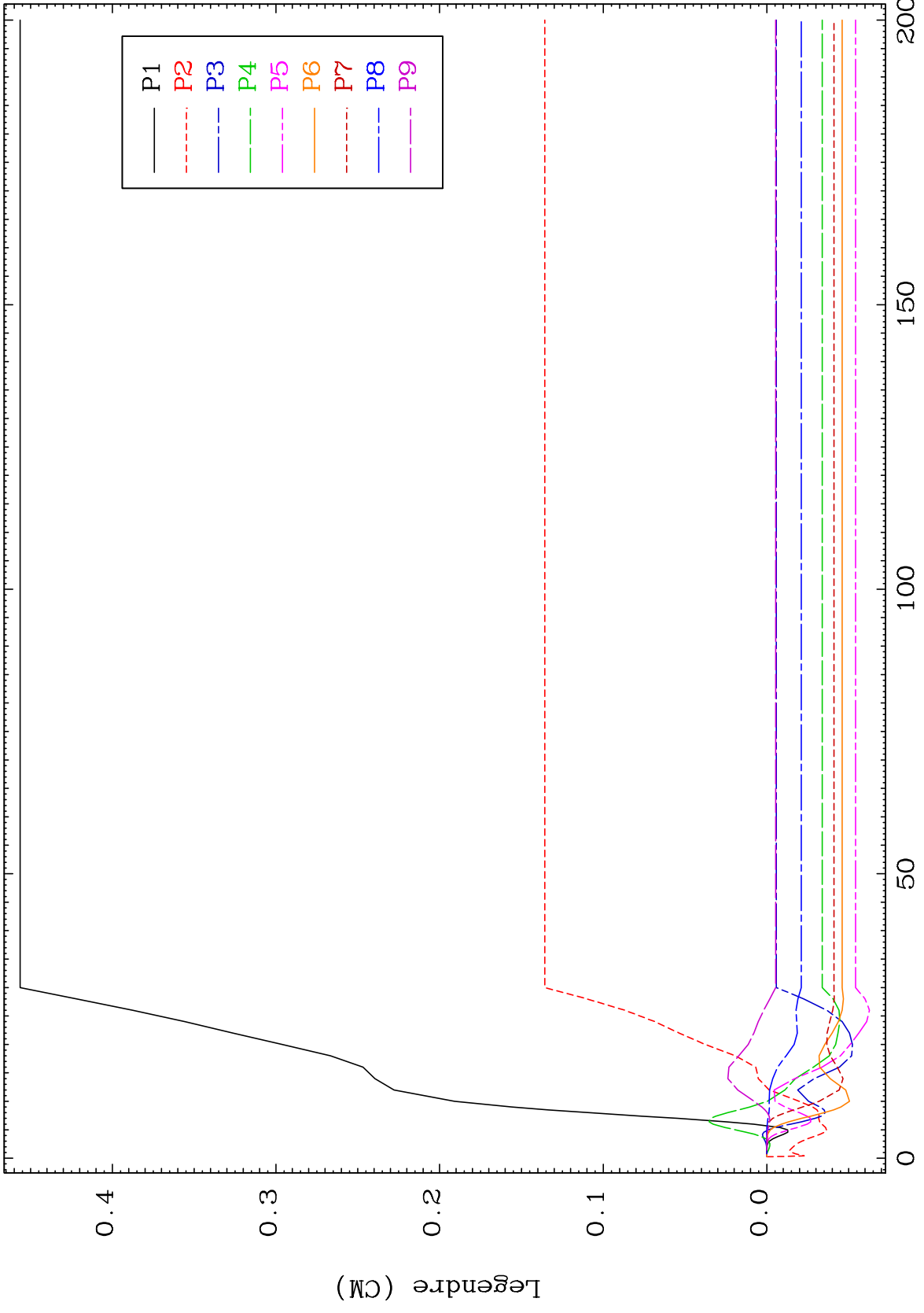
MAT 4516 MT= 65 (n,n') Level Legendre Coefficients 45-Rh-100



69 45-Rh-100



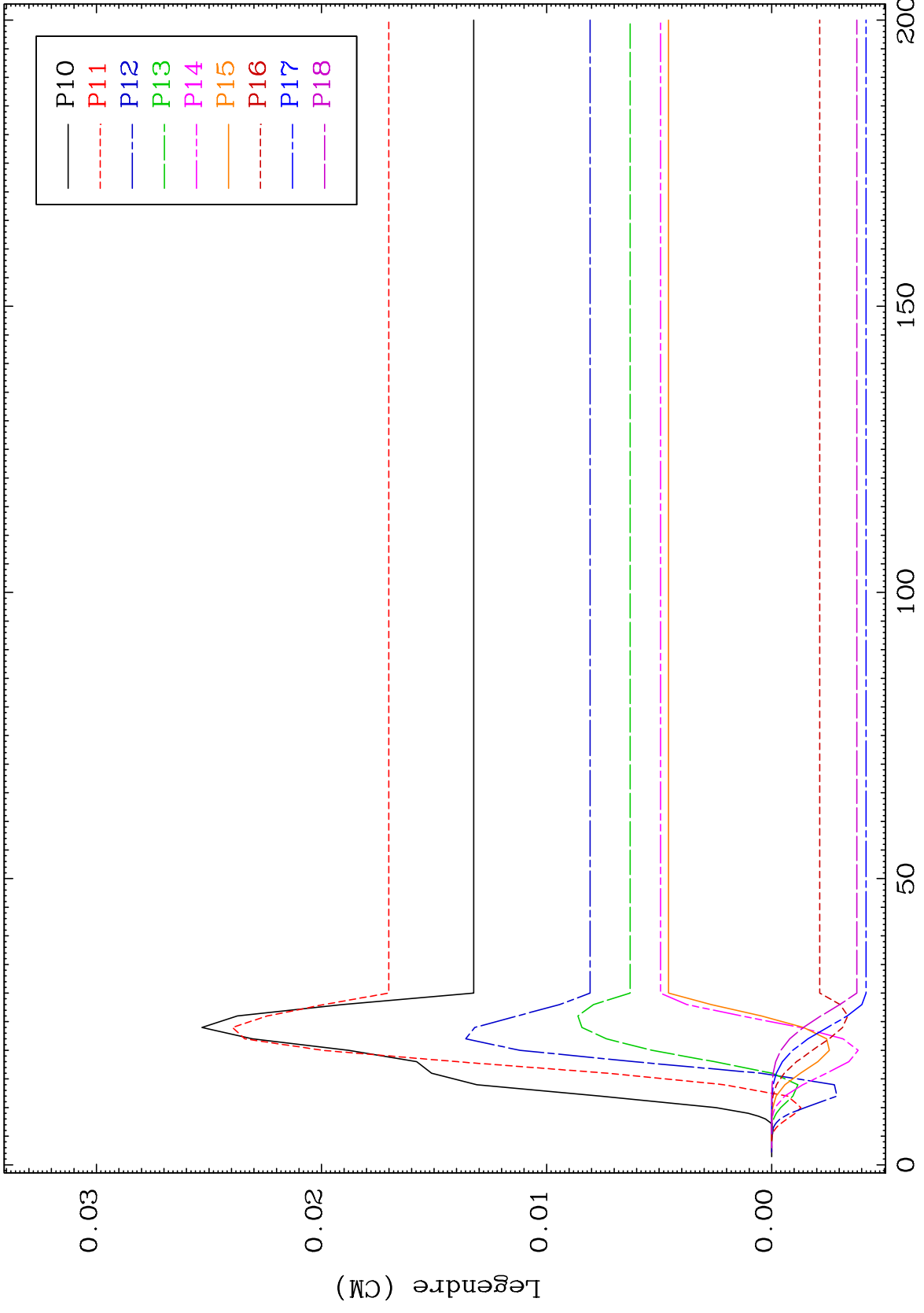
MAT 4516 MT= 66 (n,n') Level Legendre Coefficients 45-Rh-100



71

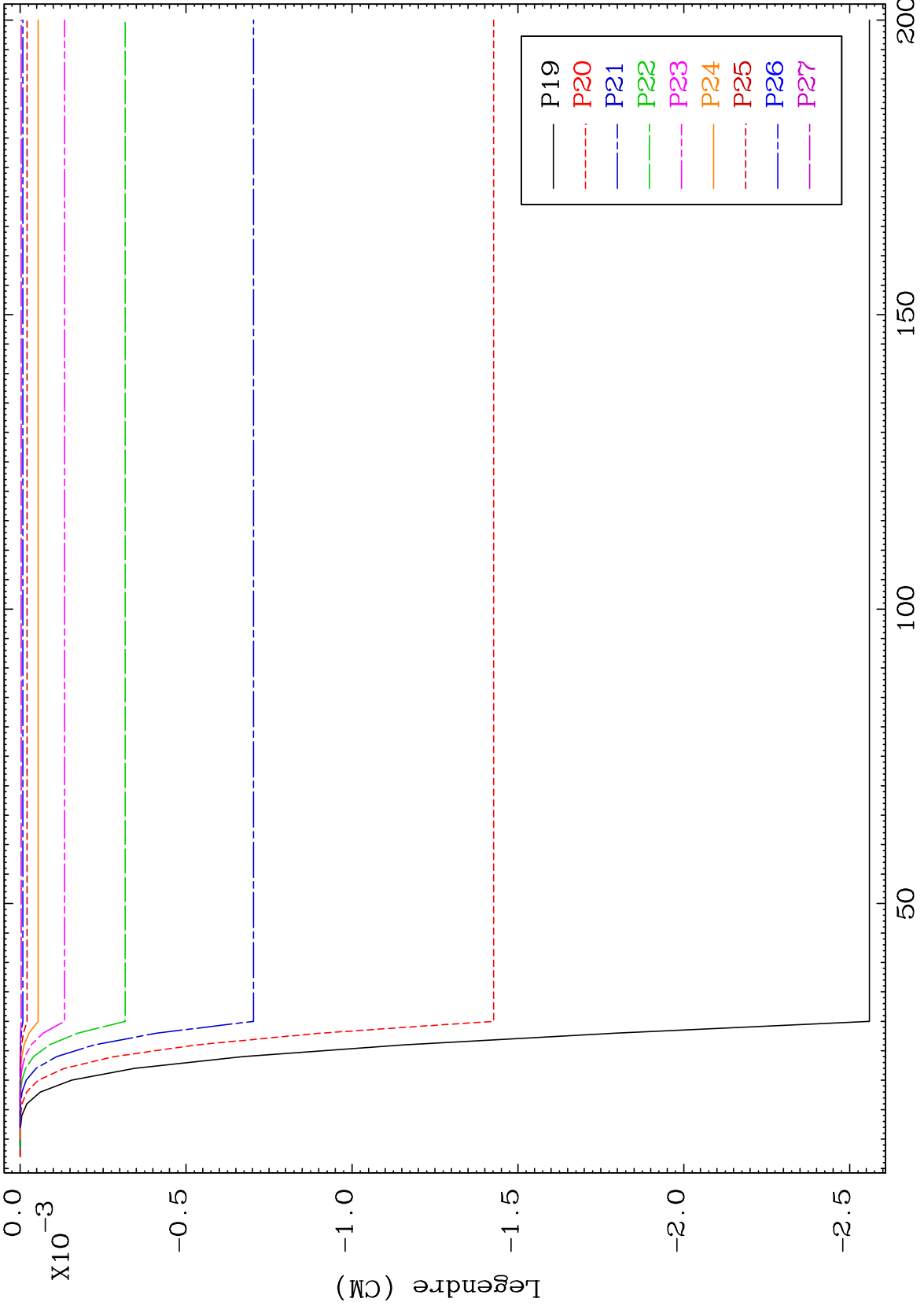


MAT 4516 MT= 66 (n,n') Level Legendre Coefficients 45-Rh-100



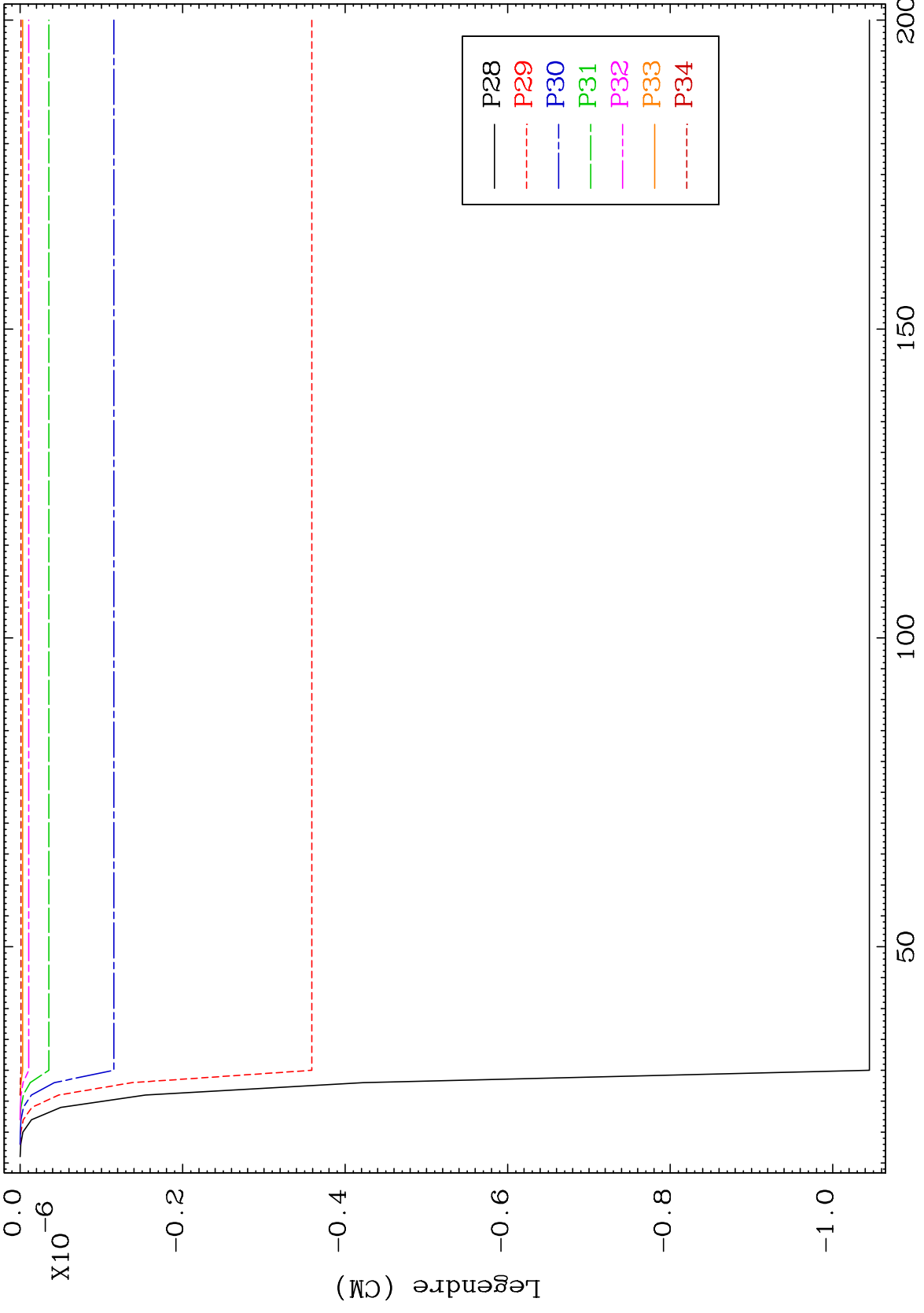
72 45-Rh-100

MAT 4516 MT= 66 (n,n') Level Legendre Coefficients 45-Rh-100



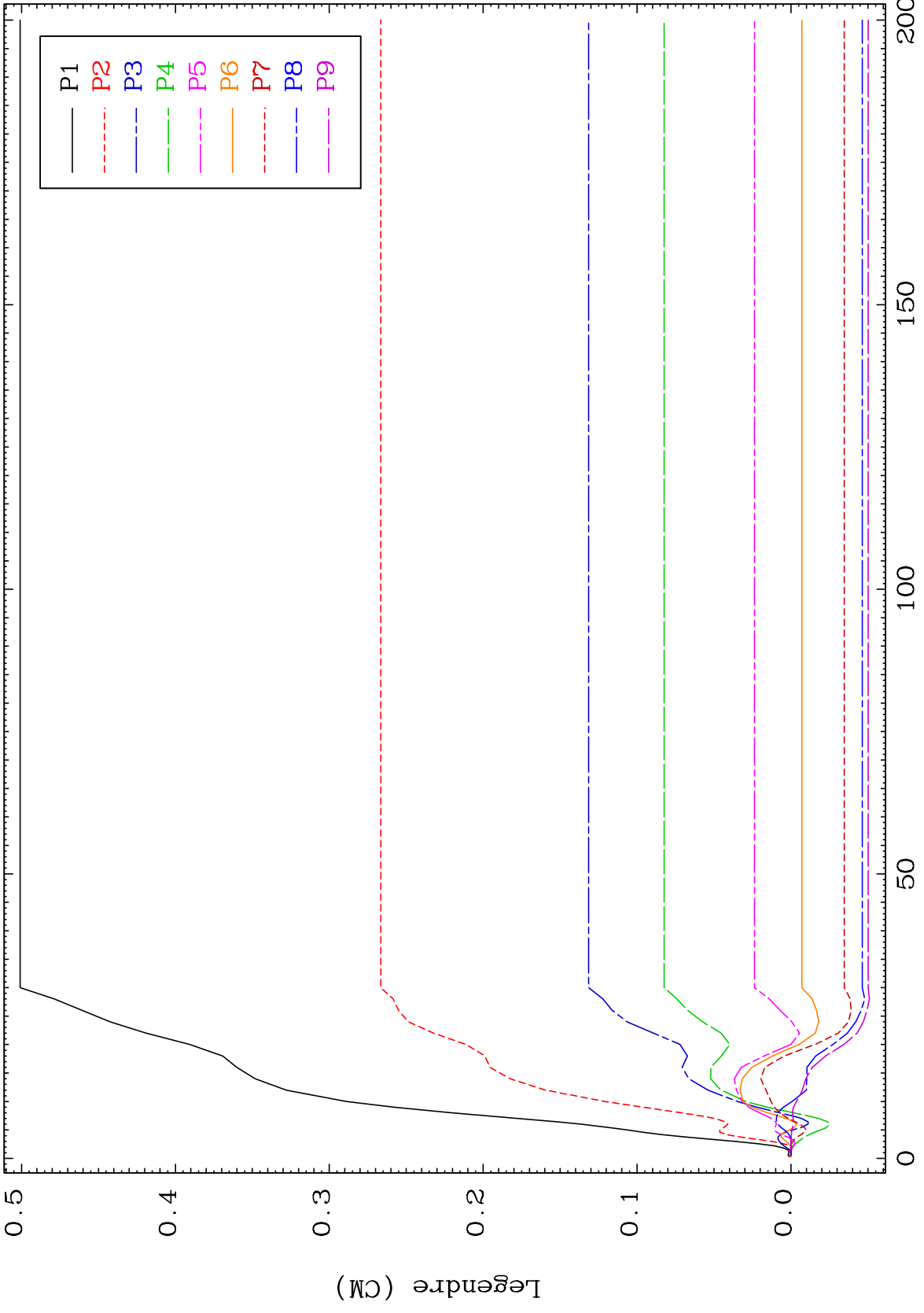
73 45-Rh-100

MAT 4516 MT= 66 (n,n') Level Legendre Coefficients 45-Rh-100

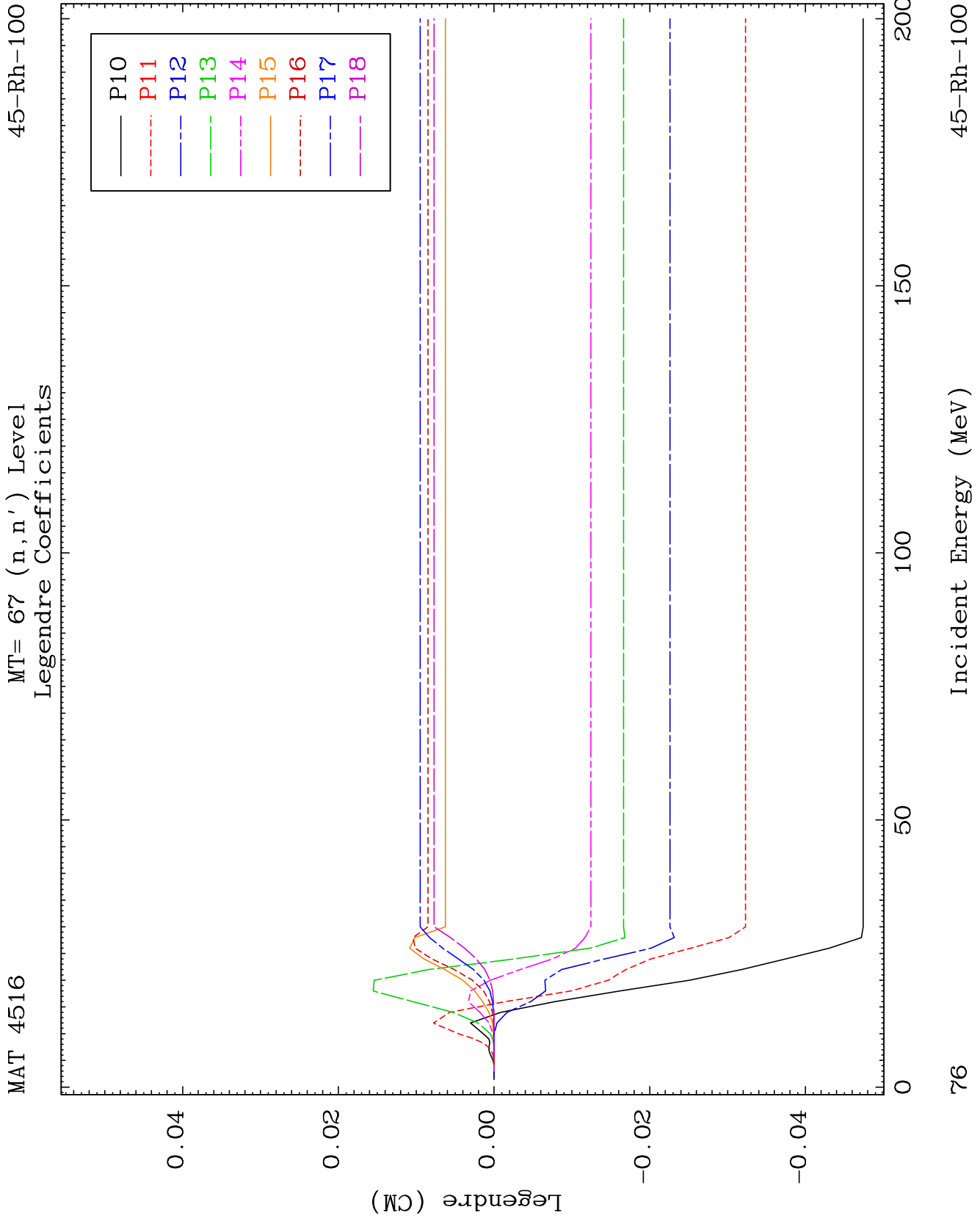


74 45-Rh-100

MAT 4516 MT= 67 (n,n') Level Legendre Coefficients 45-Rh-100



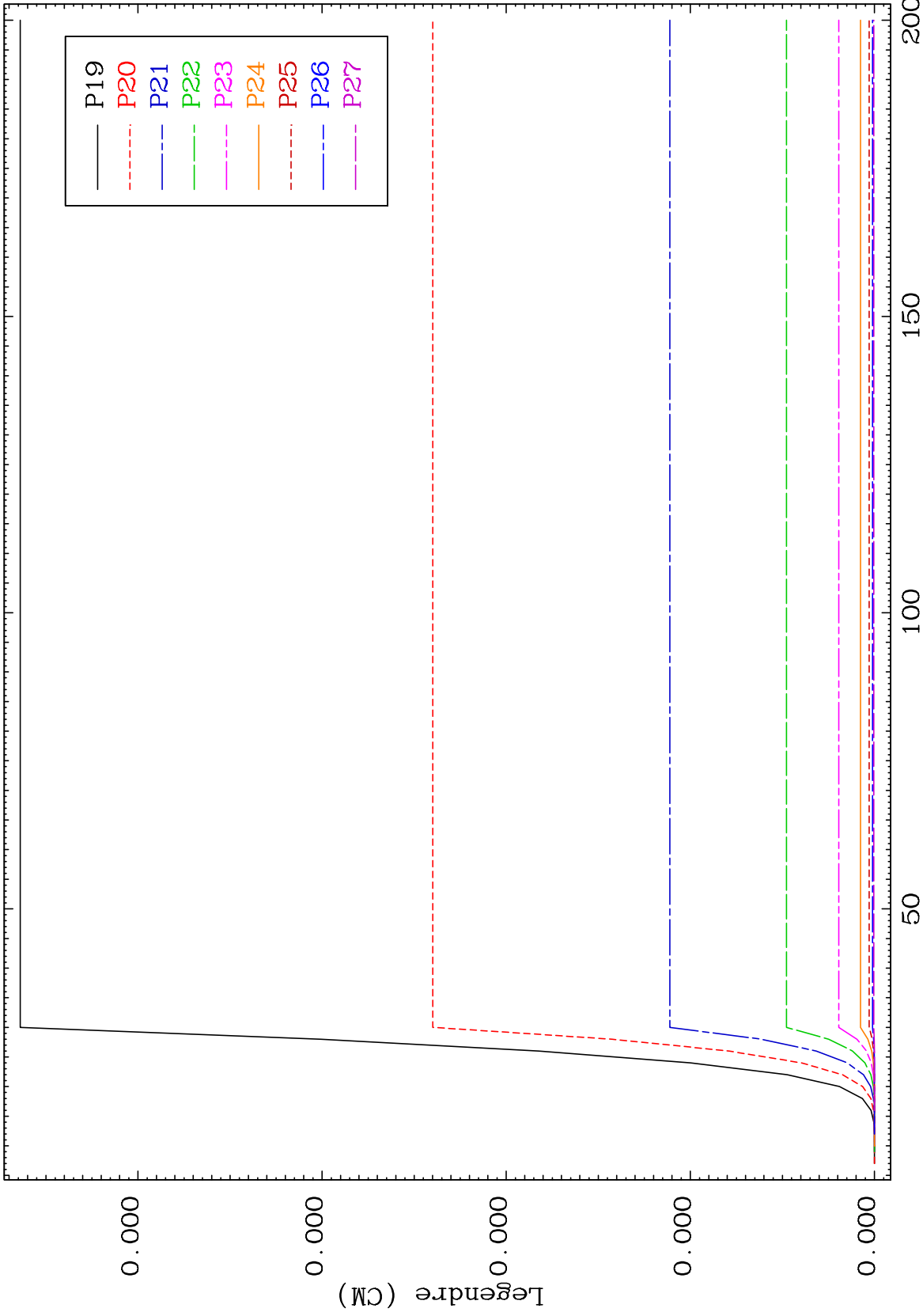
75 Incident Energy (MeV) 45-Rh-100



MAT 4516

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

45-Rh-100



77

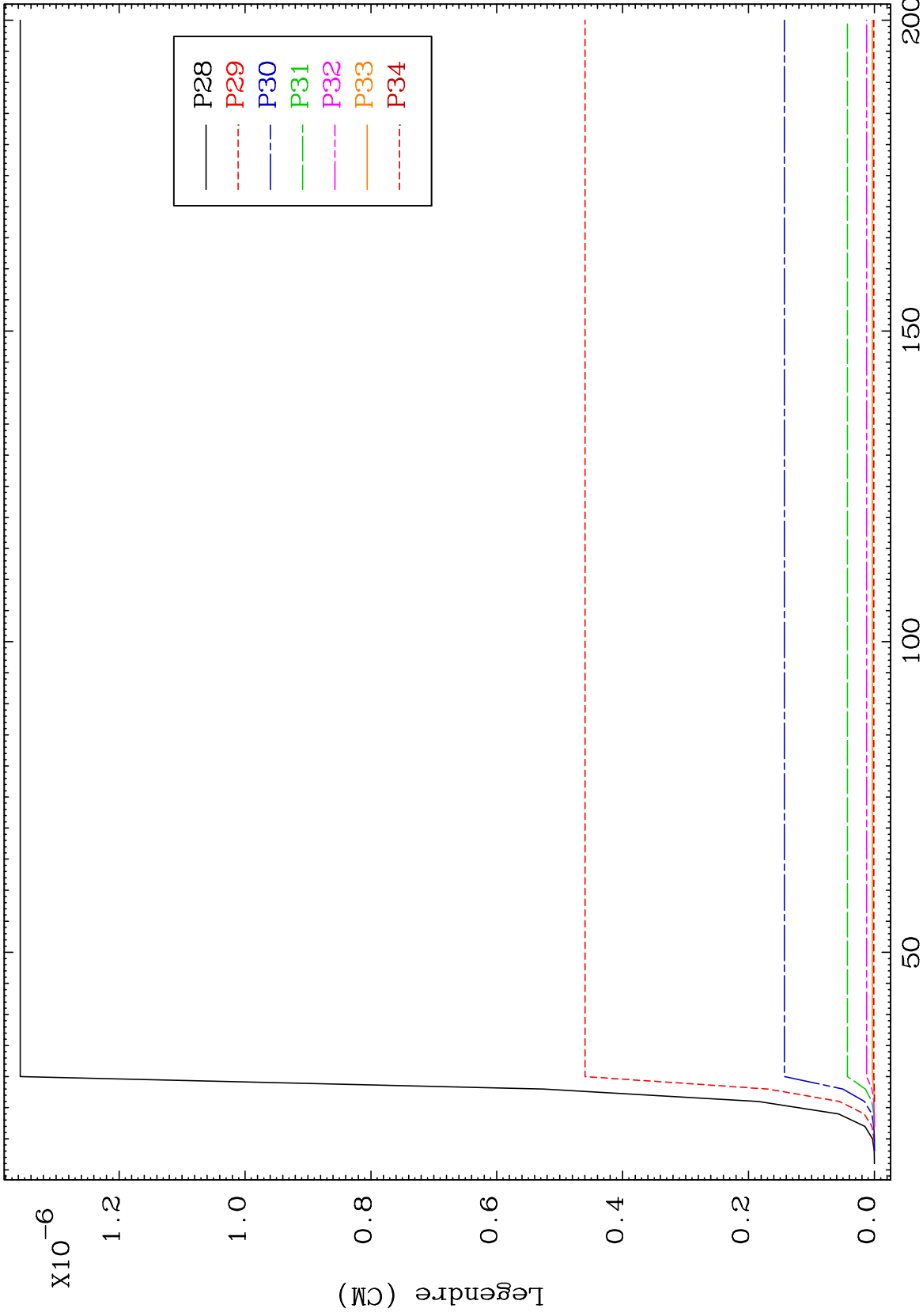
Incident Energy (MeV)

45-Rh-100

MAT 4516

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

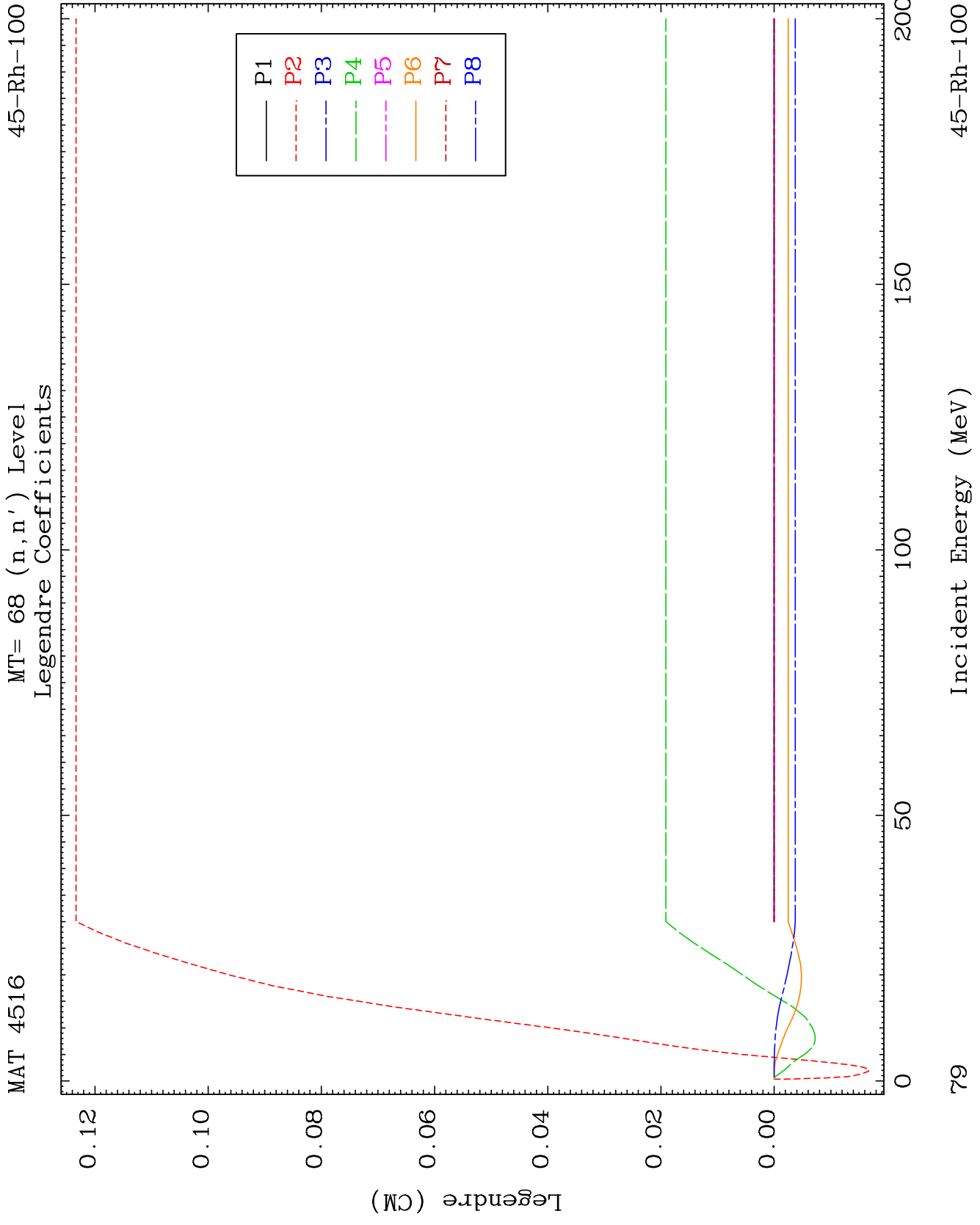
45-Rh-100



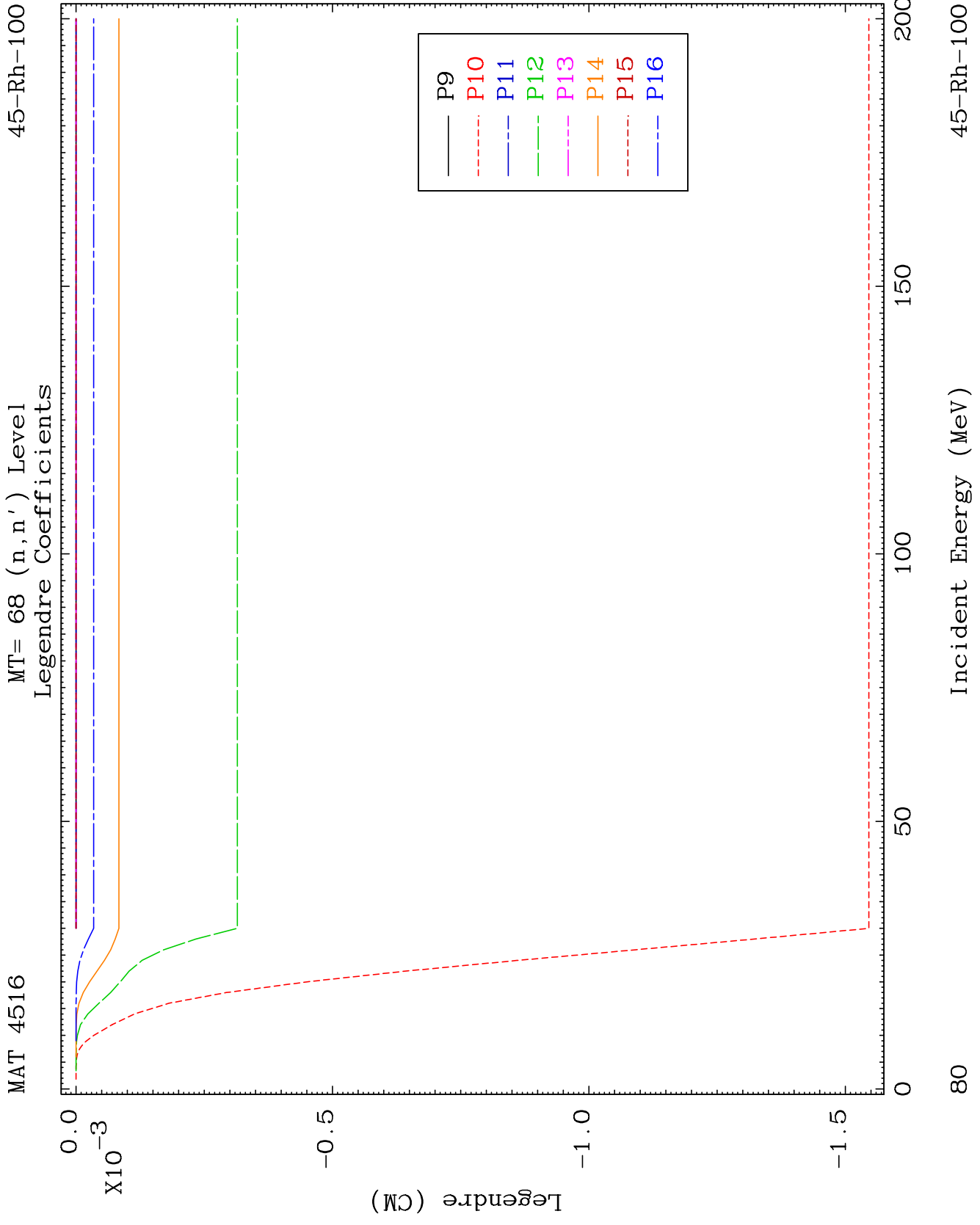
78

Incident Energy (MeV)

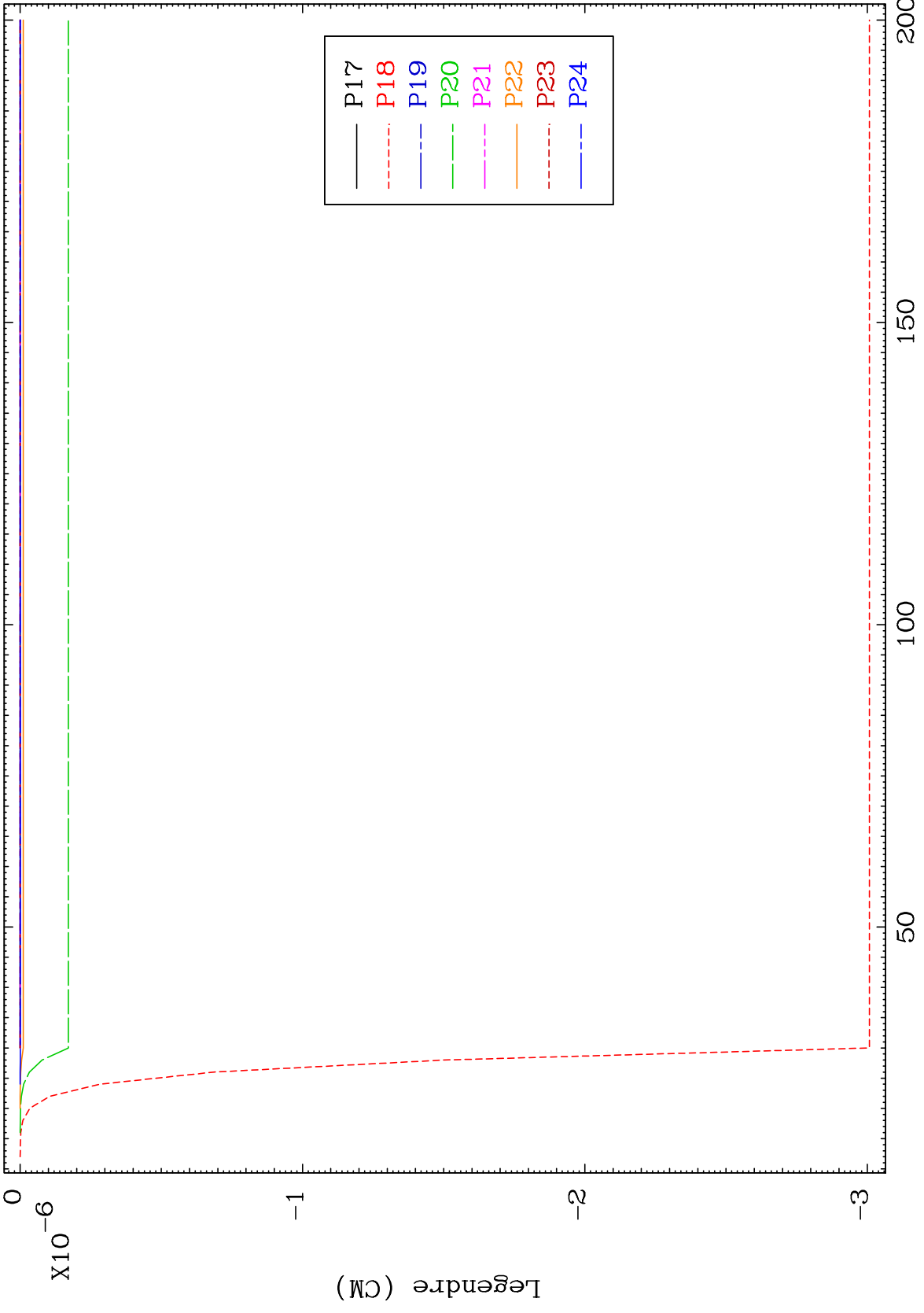
45-Rh-100



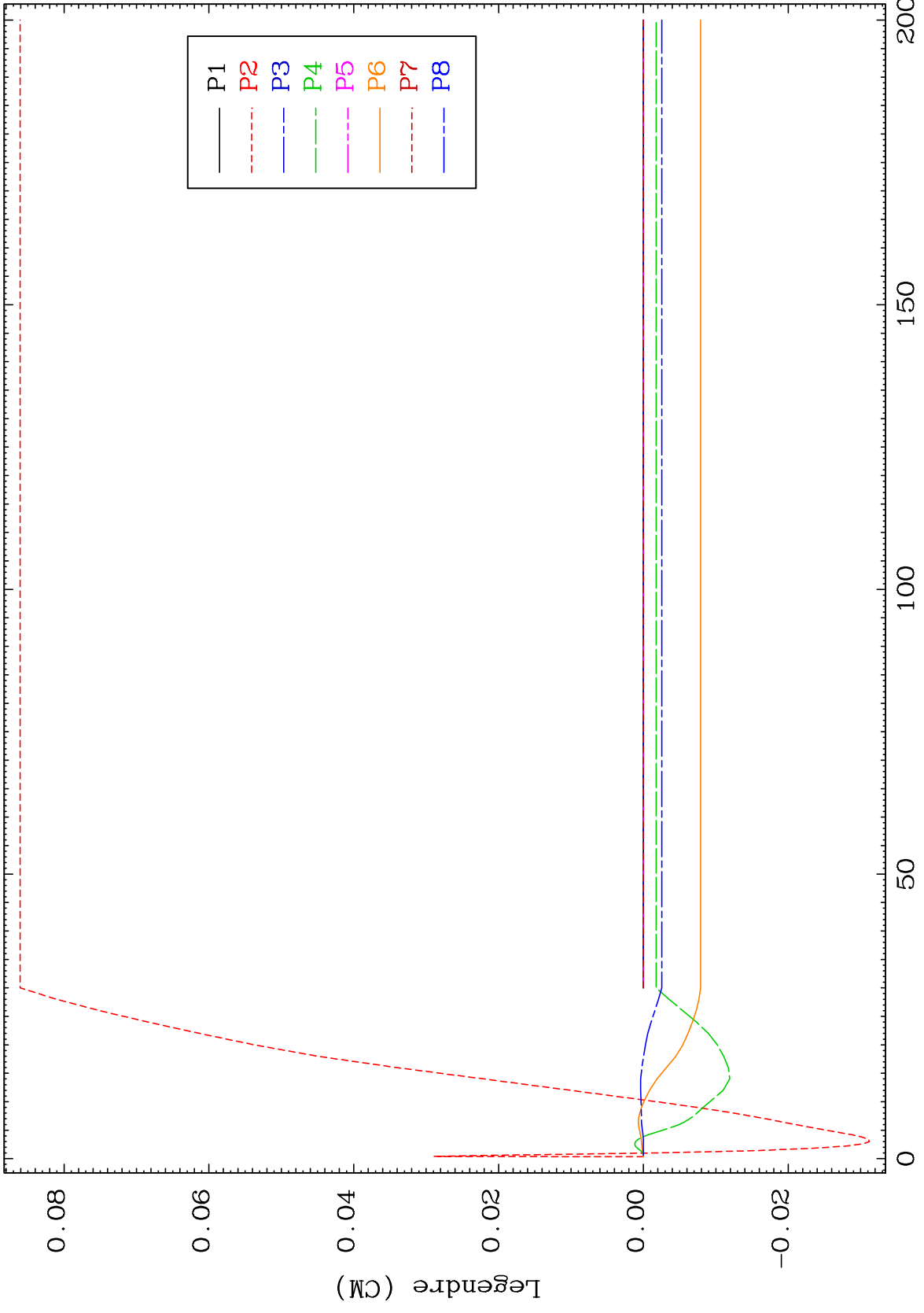




MAT 4516 MT= 68 (n,n') Level Legendre Coefficients 45-Rh-100

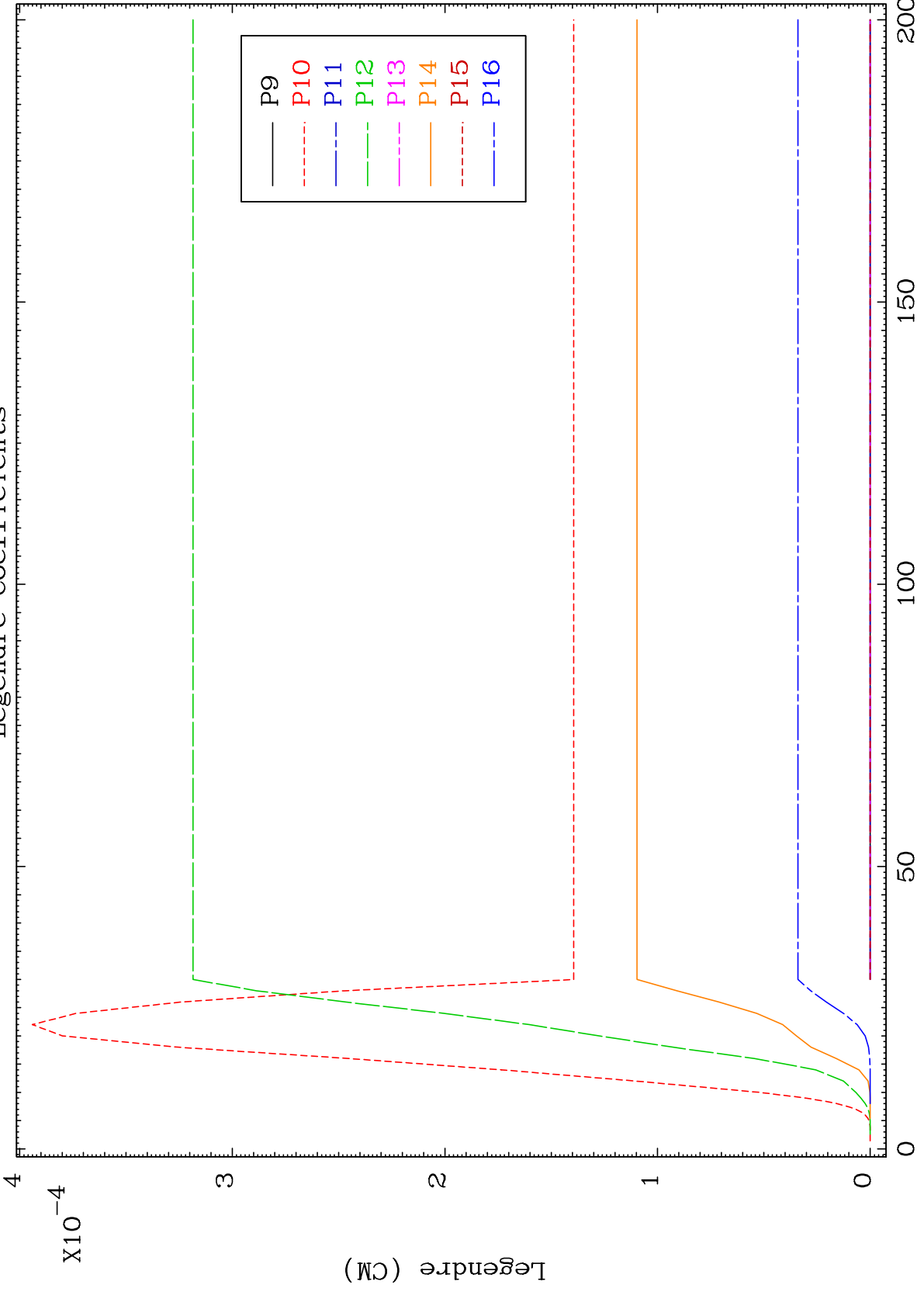


MAT 4516 MT= 69 (n,n') Level Legendre Coefficients 45-Rh-100



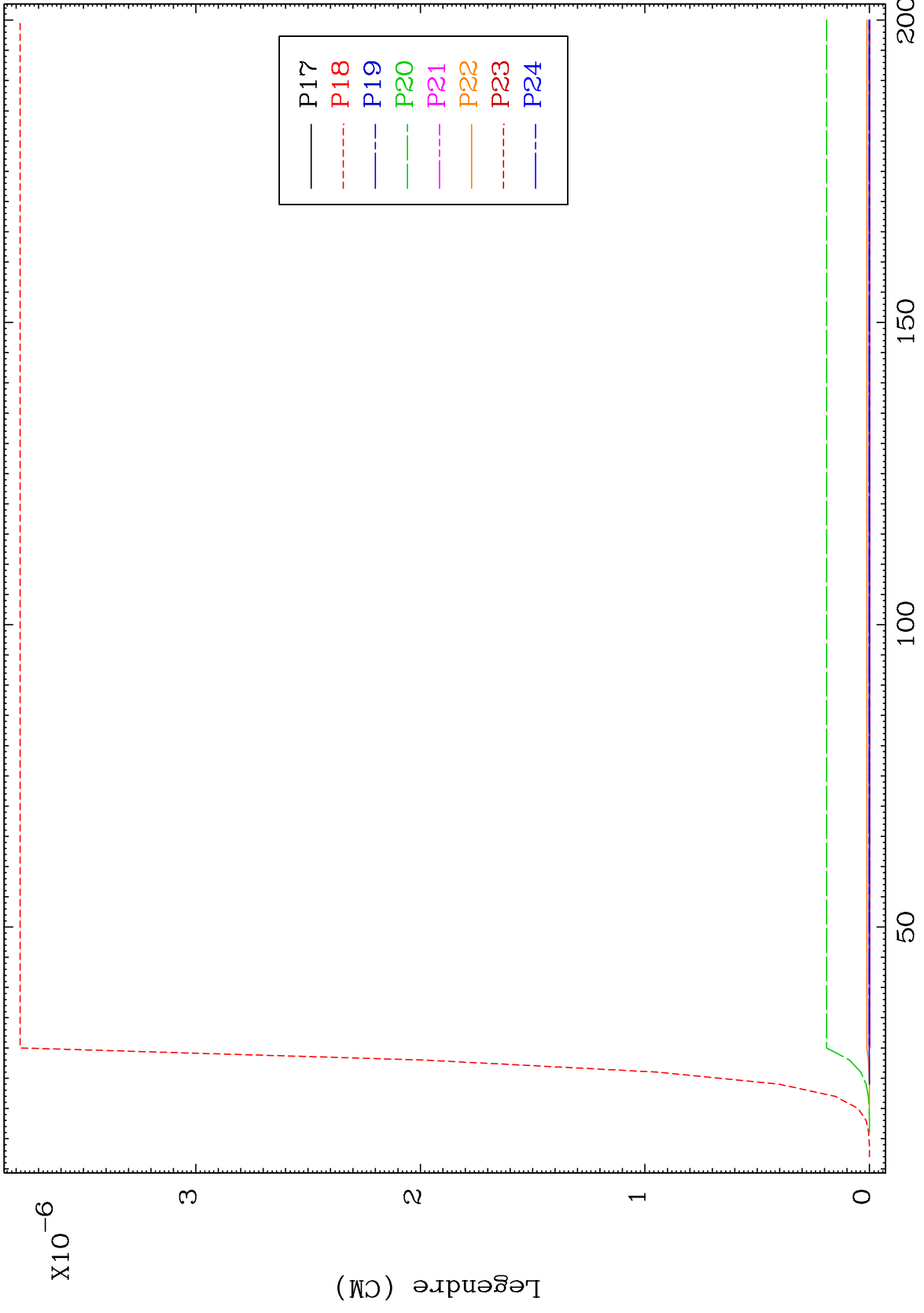
82 45-Rh-100

MAT 4516 MT= 69 (n,n') Level Legendre Coefficients 45-Rh-100



83 Incident Energy (MeV) 45-Rh-100

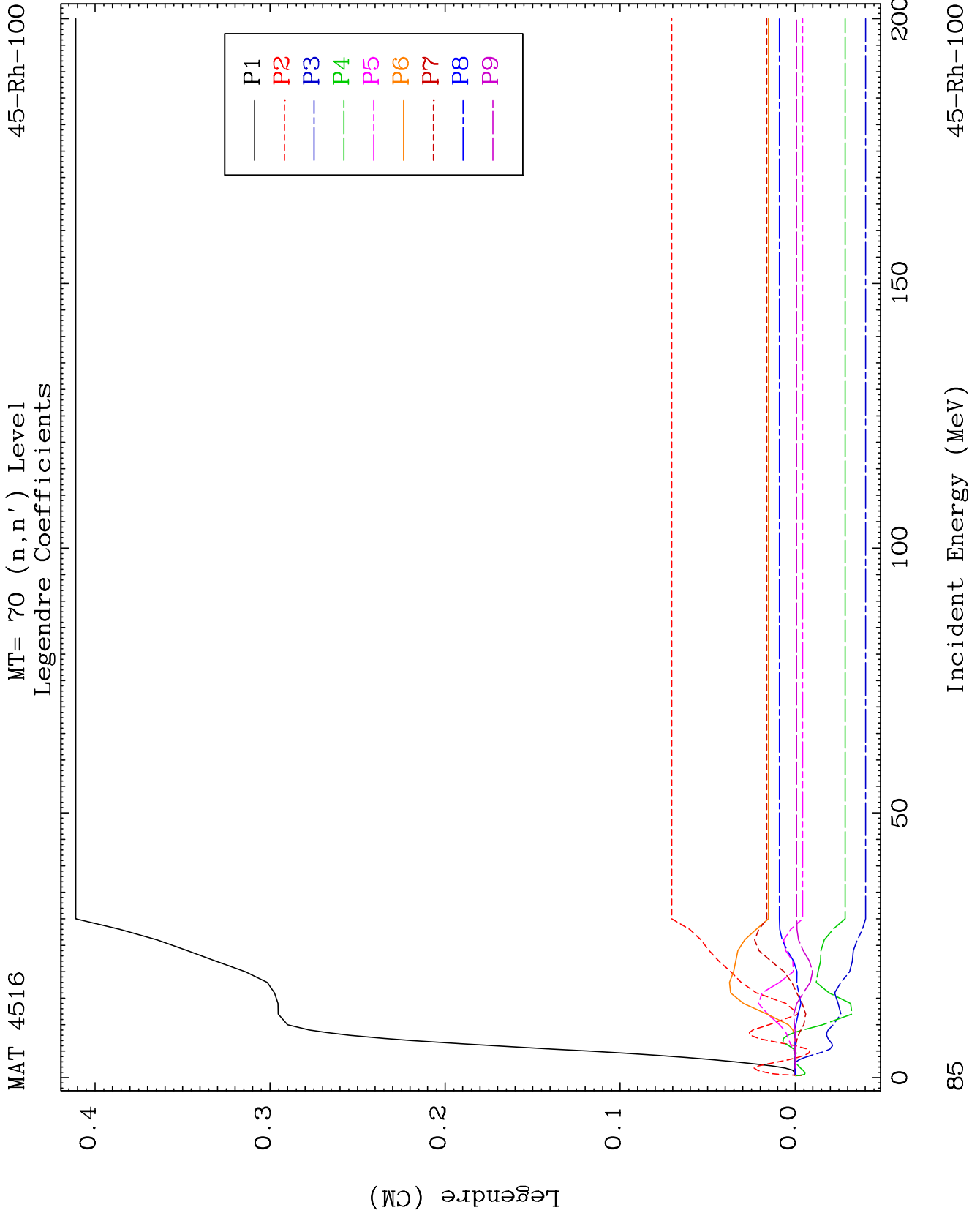
MAT 4516 MT= 69 (n,n') Level Legendre Coefficients 45-Rh-100



84

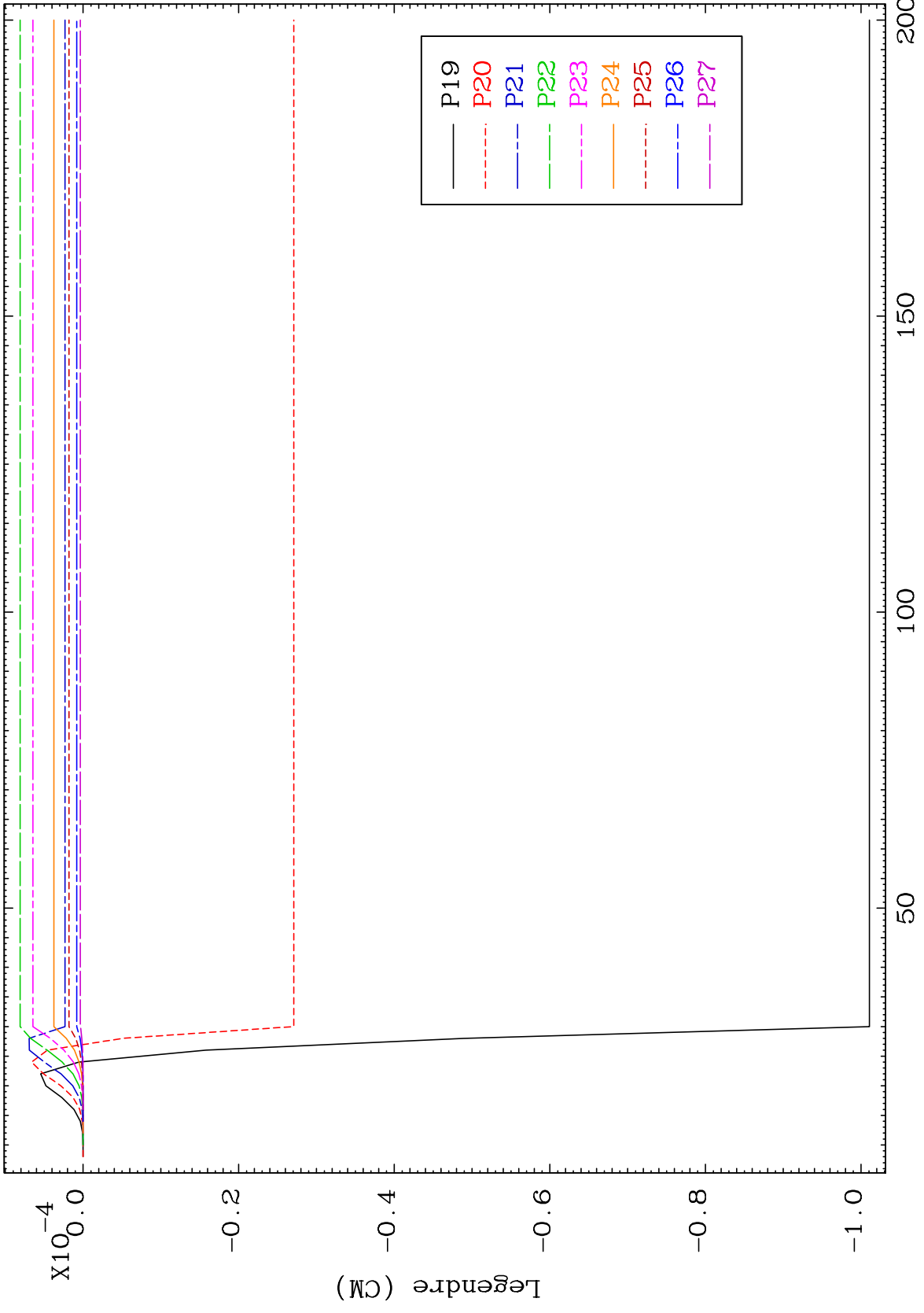
Incident Energy (MeV)

45-Rh-100



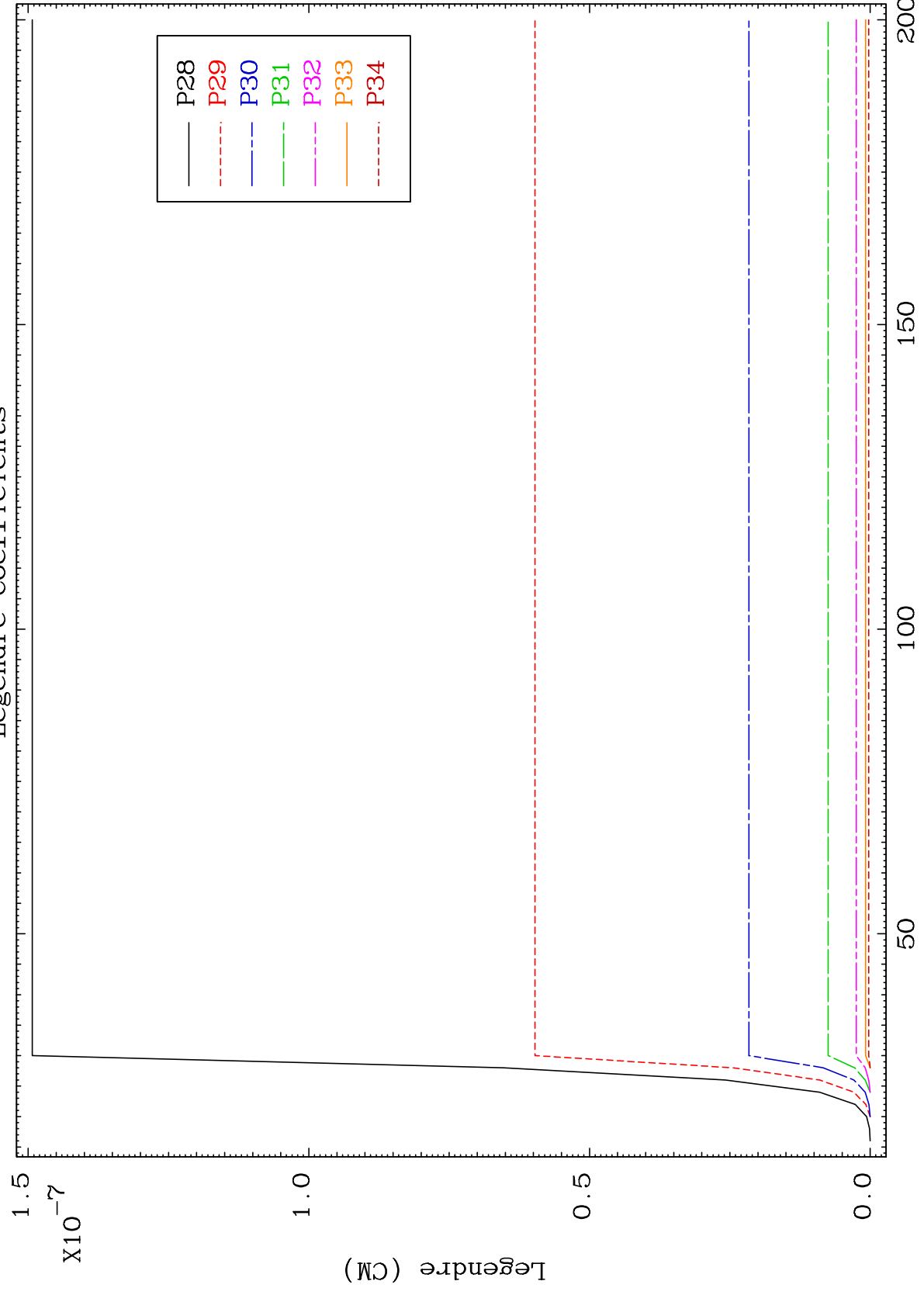


MAT 4516 MT= 70 (n,n') Level Legendre Coefficients 45-Rh-100





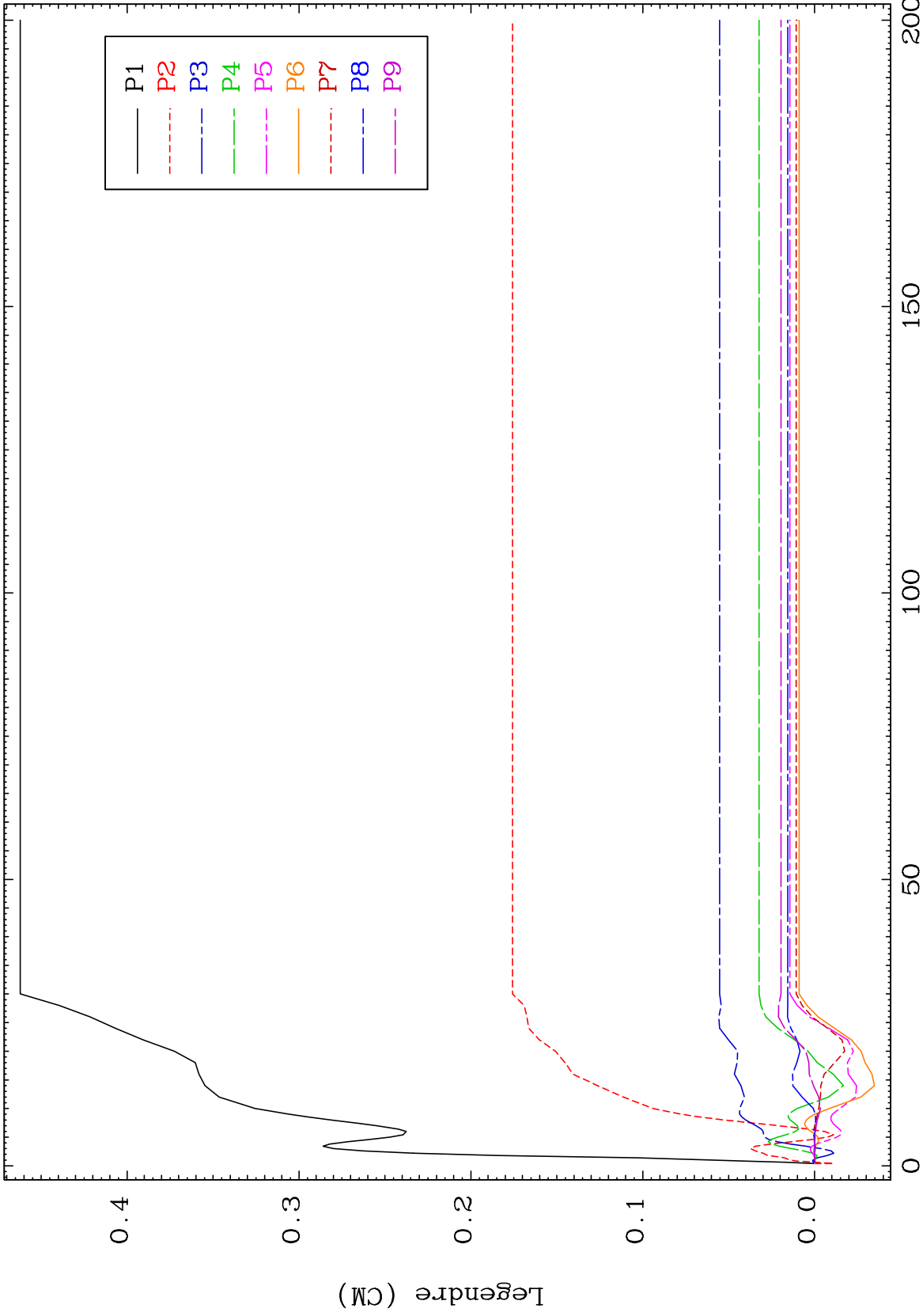
MAT 4516 MT= 70 (n,n') Level Legendre Coefficients 45-Rh-100



MAT 4516

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

45-Rh-100



89

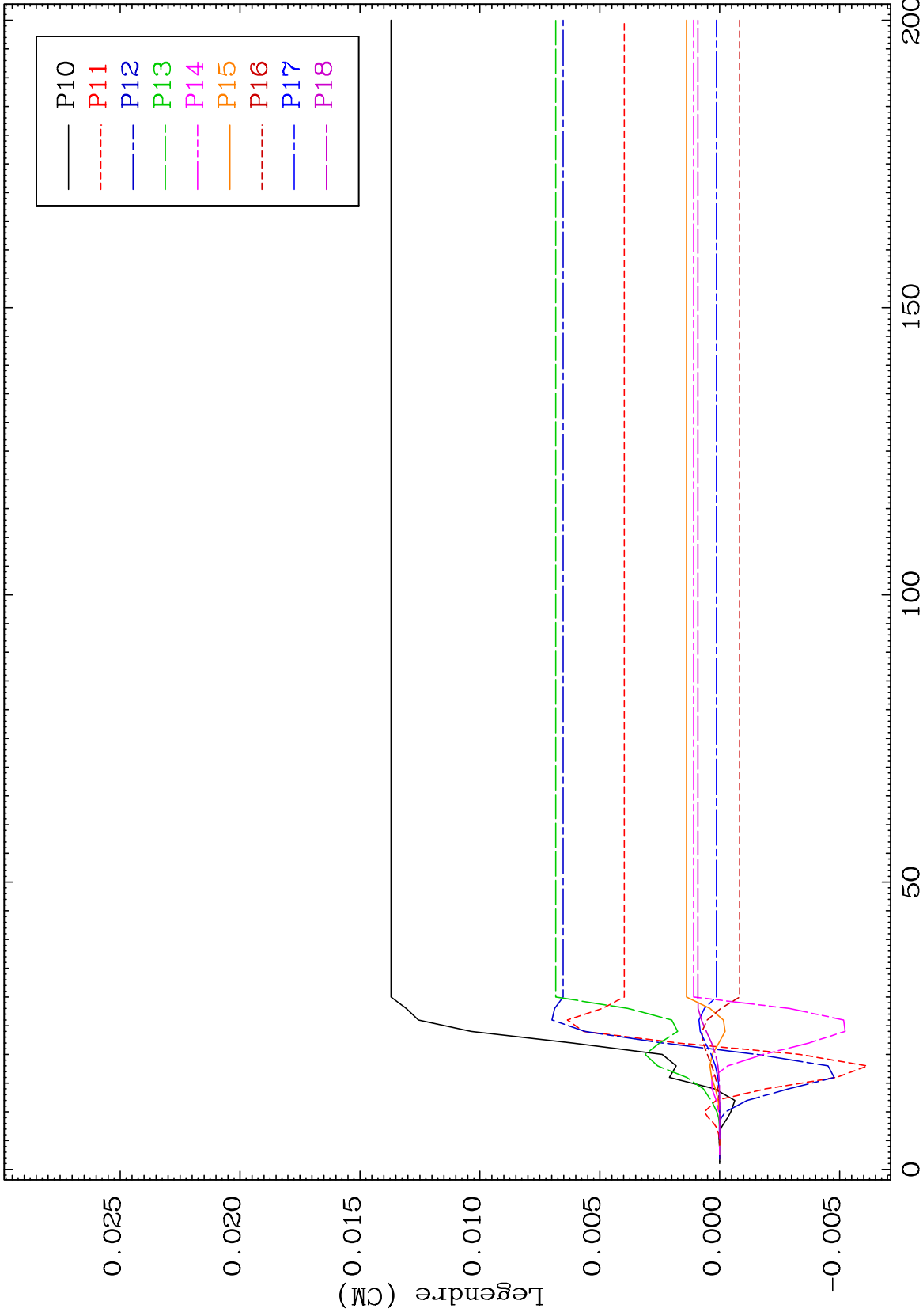
Incident Energy (MeV)

45-Rh-100

MAT 4516

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

45-Rh-100



90

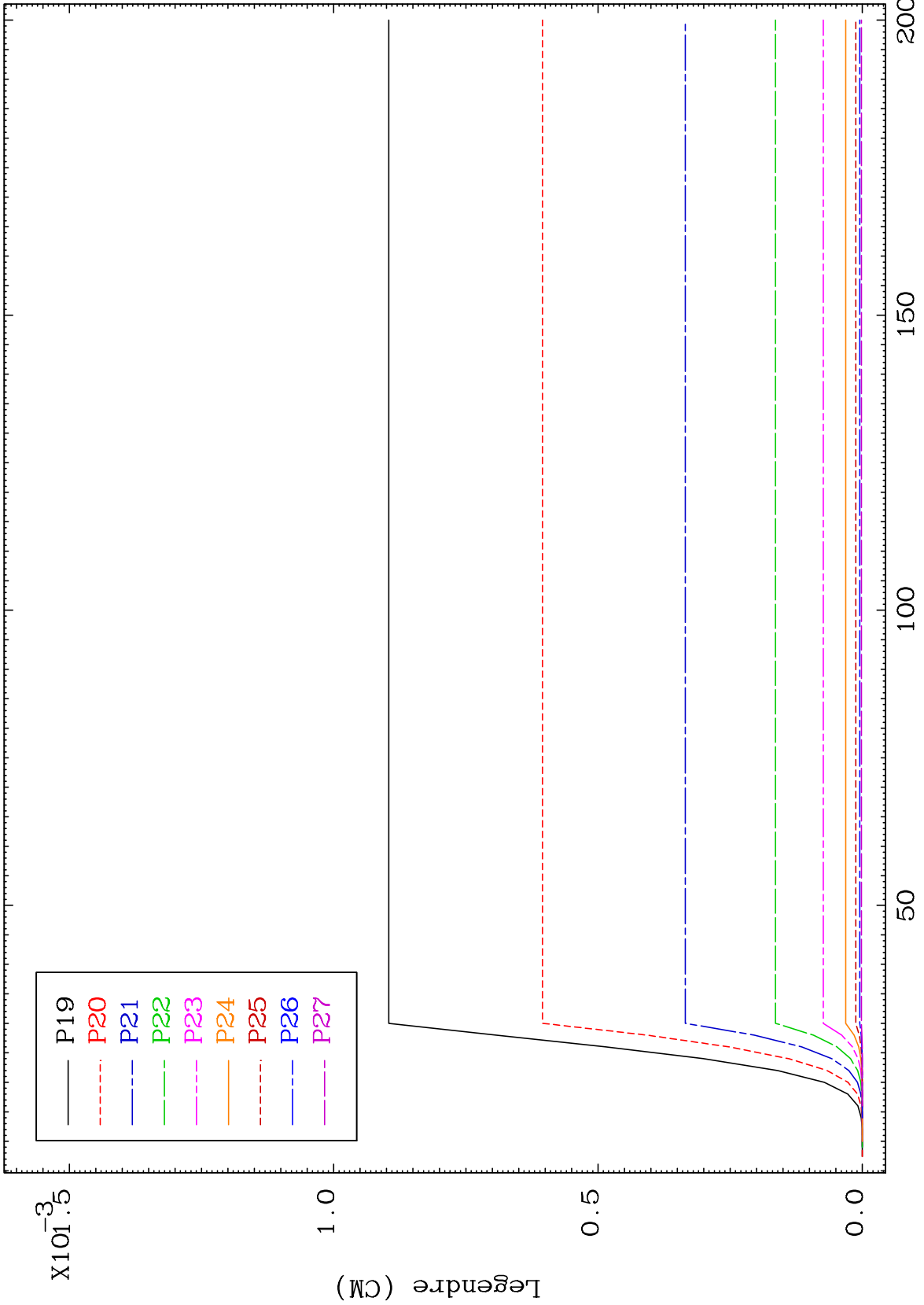
Incident Energy (MeV)

45-Rh-100

MAT 4516

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

45-Rh-100



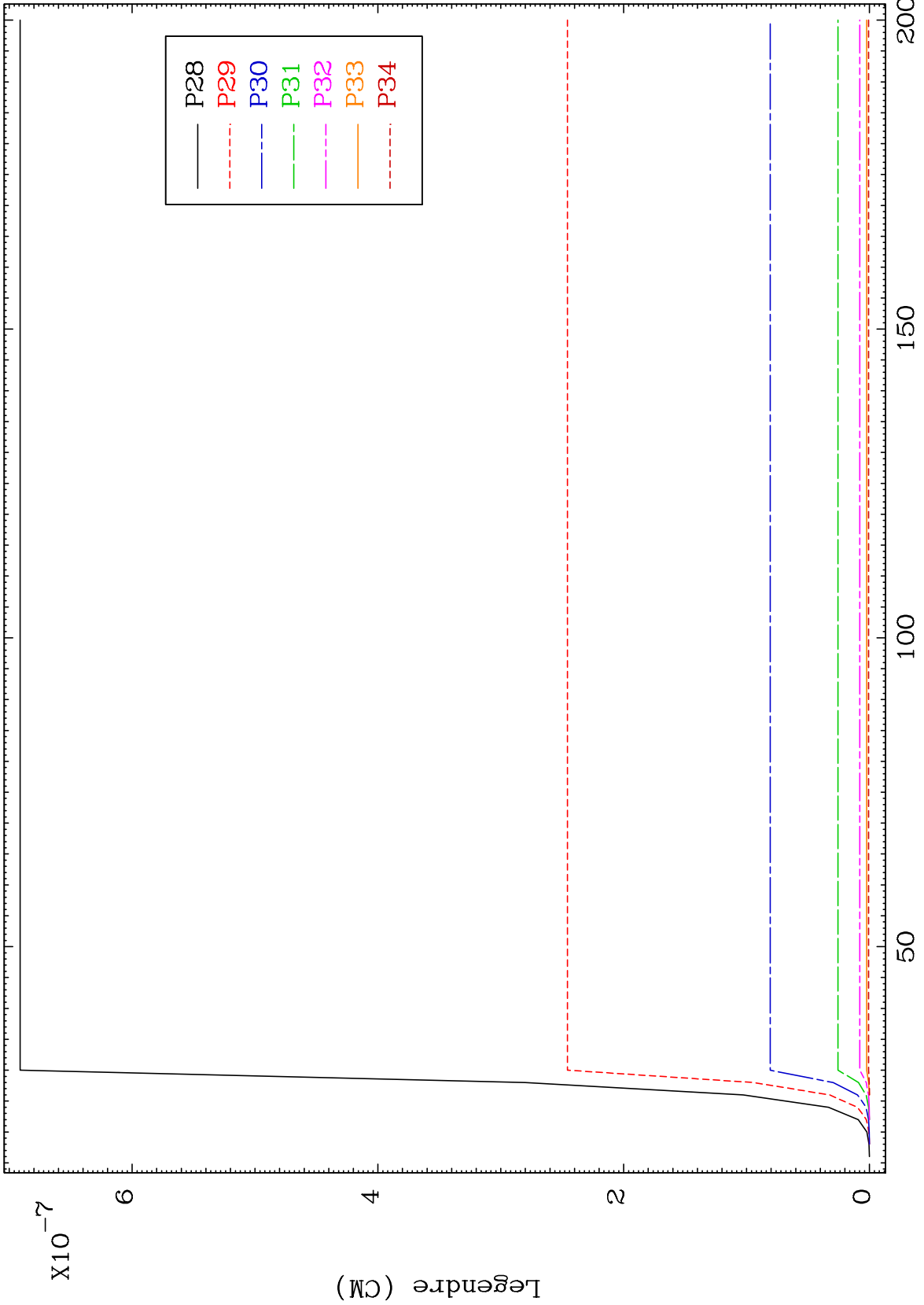
91

45-Rh-100

MAT 4516

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

45-Rh-100



92

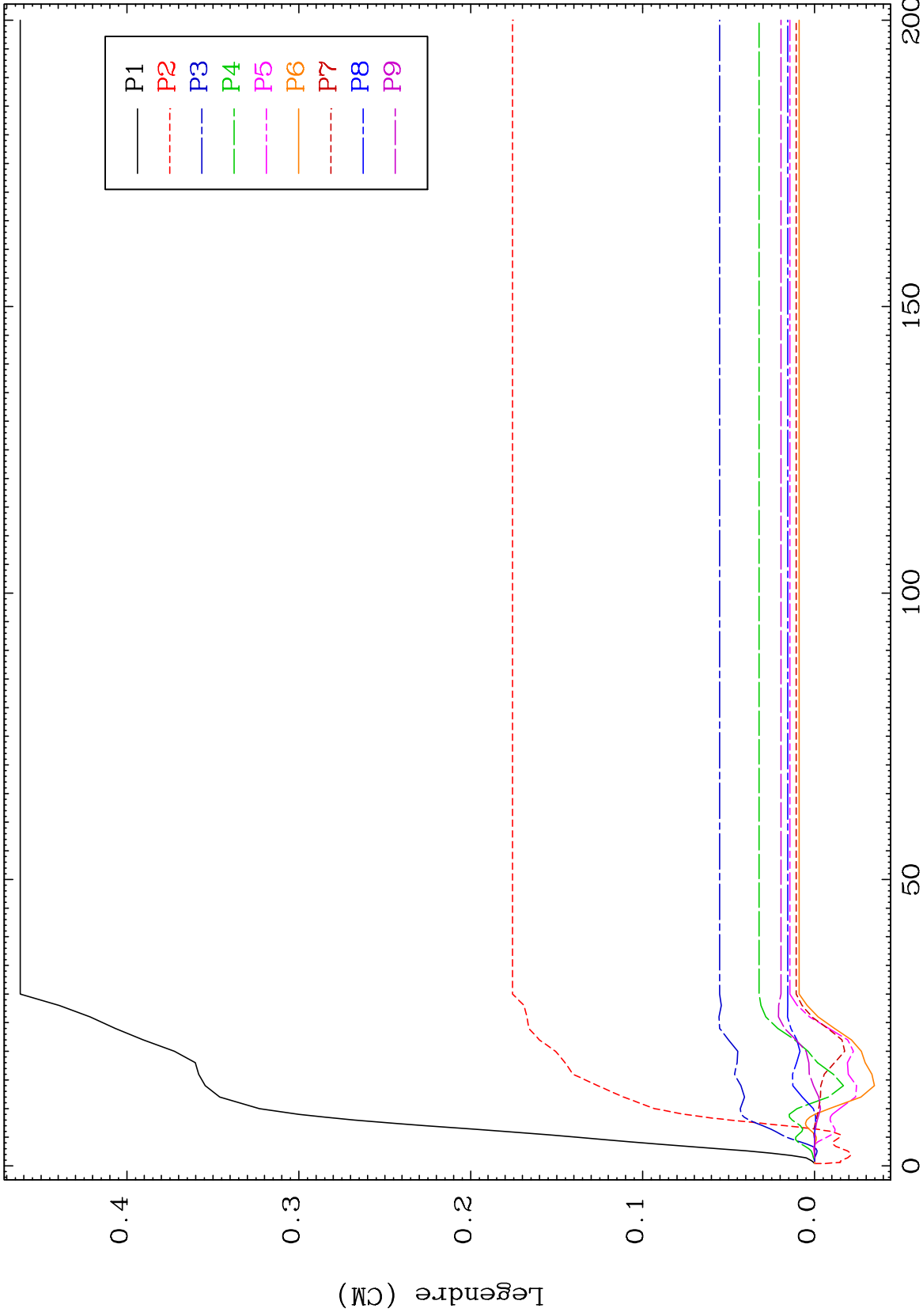
Incident Energy (MeV)

45-Rh-100

MAT 4516

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

45-Rh-100



93

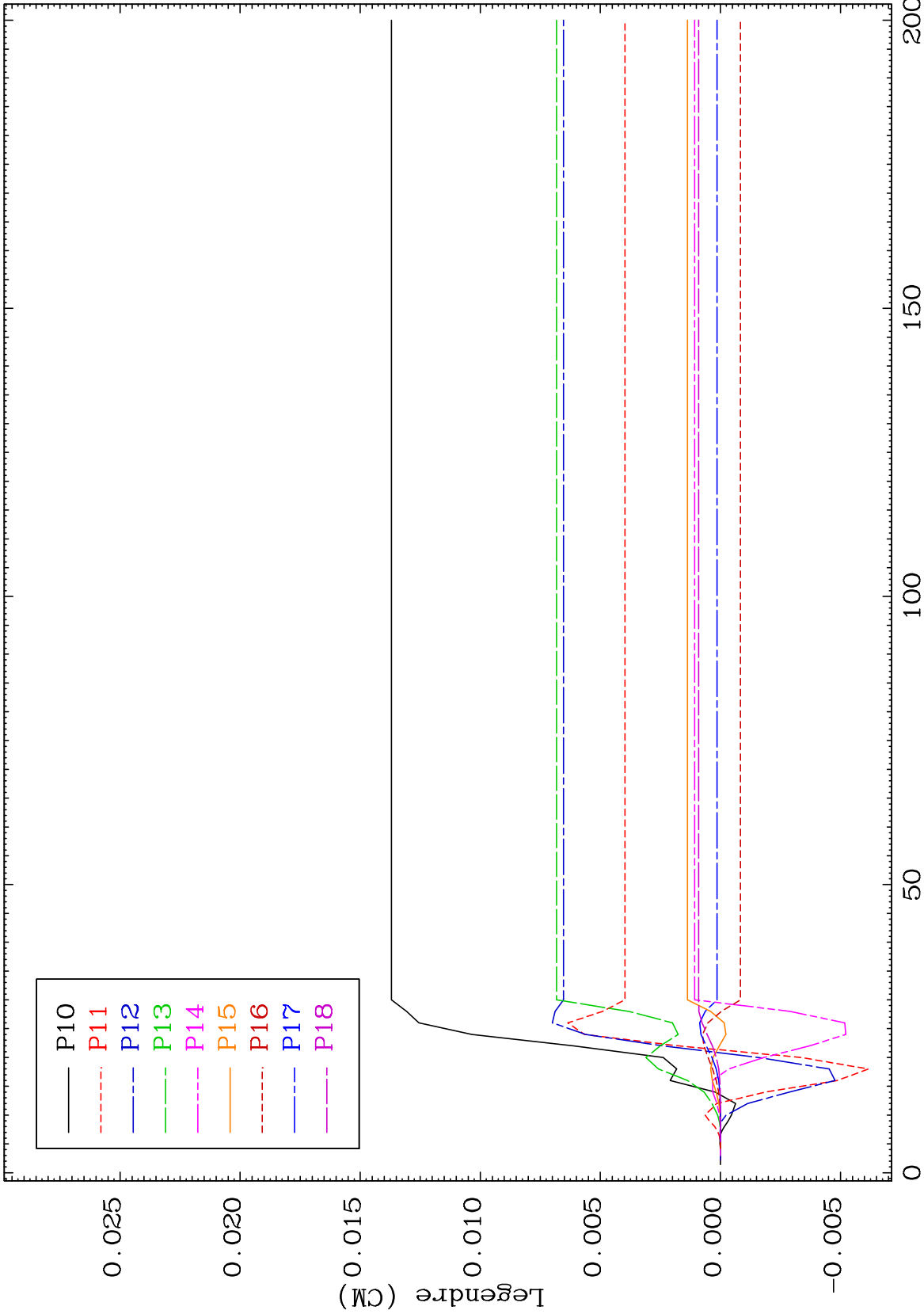
Incident Energy (MeV)

45-Rh-100

MAT 4516

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

45-Rh-100



94

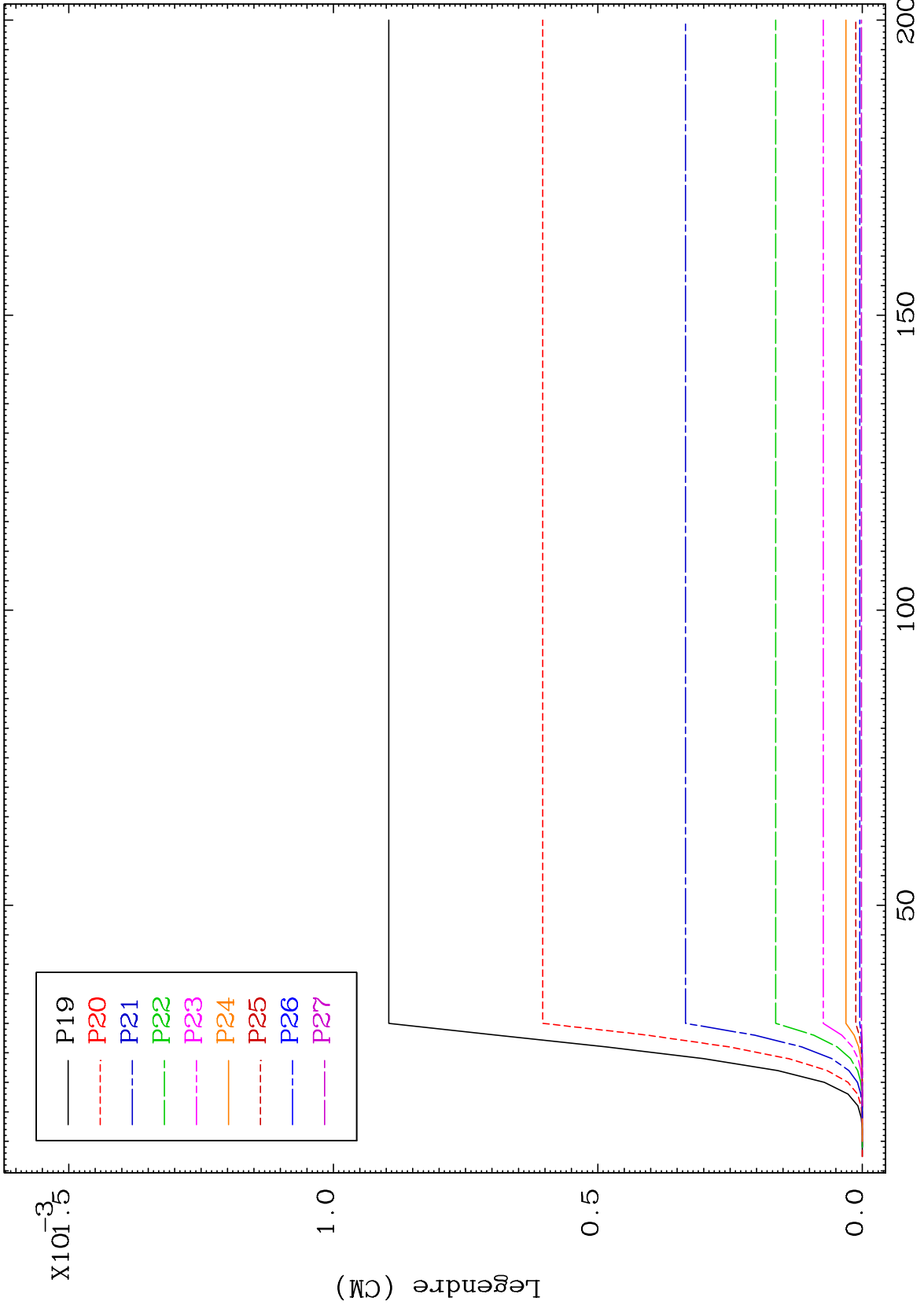
Incident Energy (MeV)

45-Rh-100

MAT 4516

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

45-Rh-100



95

Incident Energy (MeV)

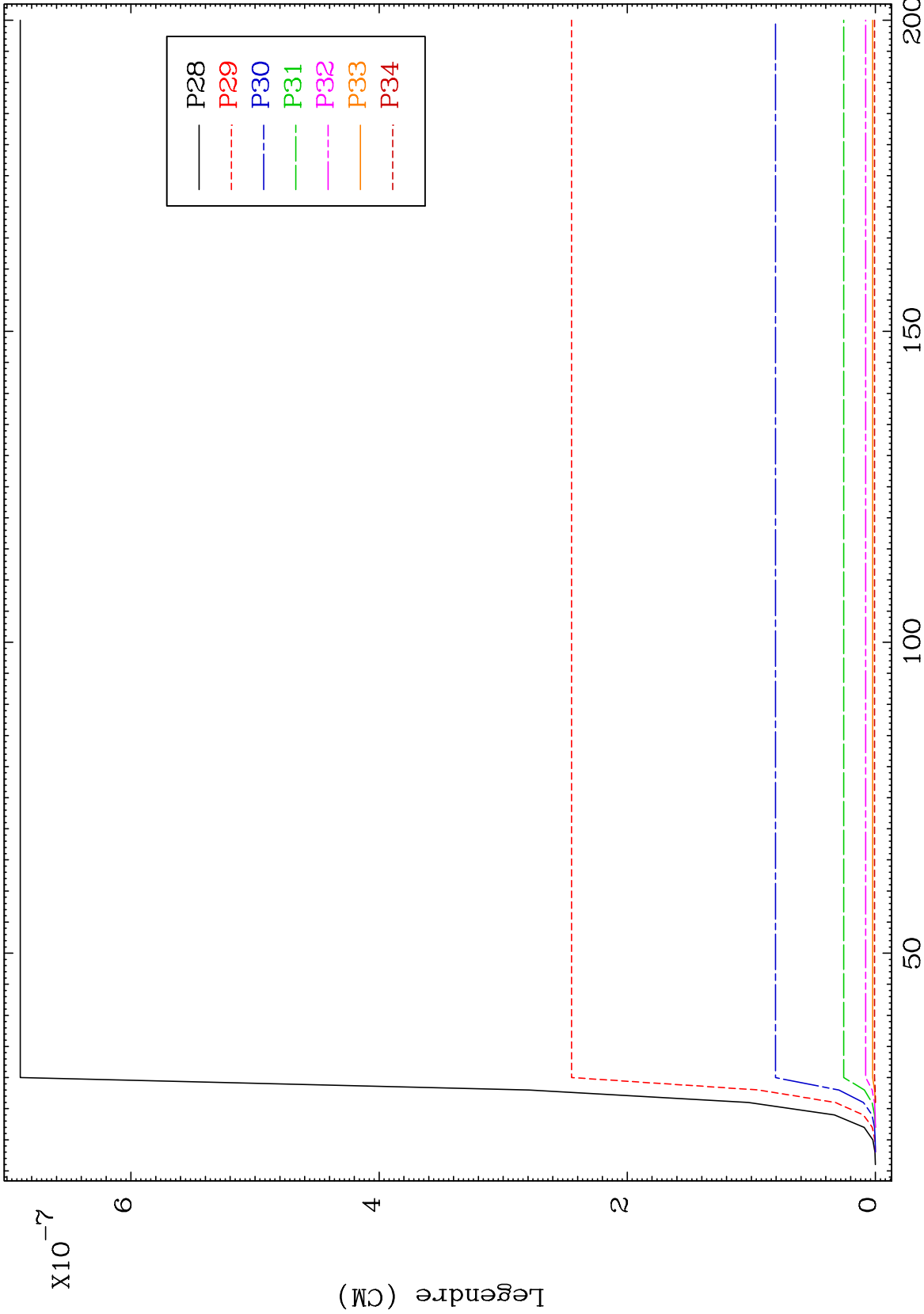
45-Rh-100



MAT 4516

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

45-Rh-100



96

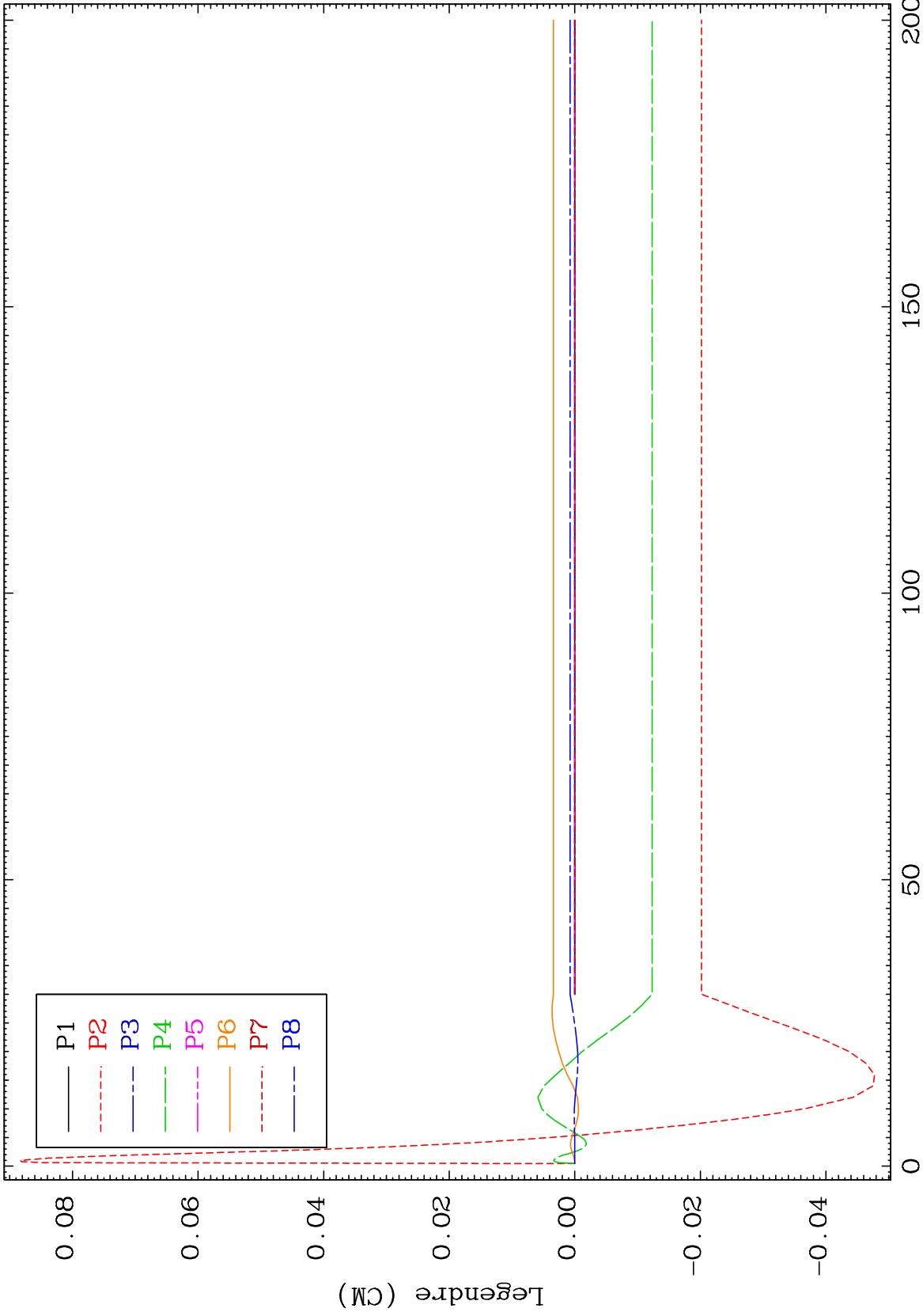
Incident Energy (MeV)

45-Rh-100

MAT 4516

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

45-Rh-100

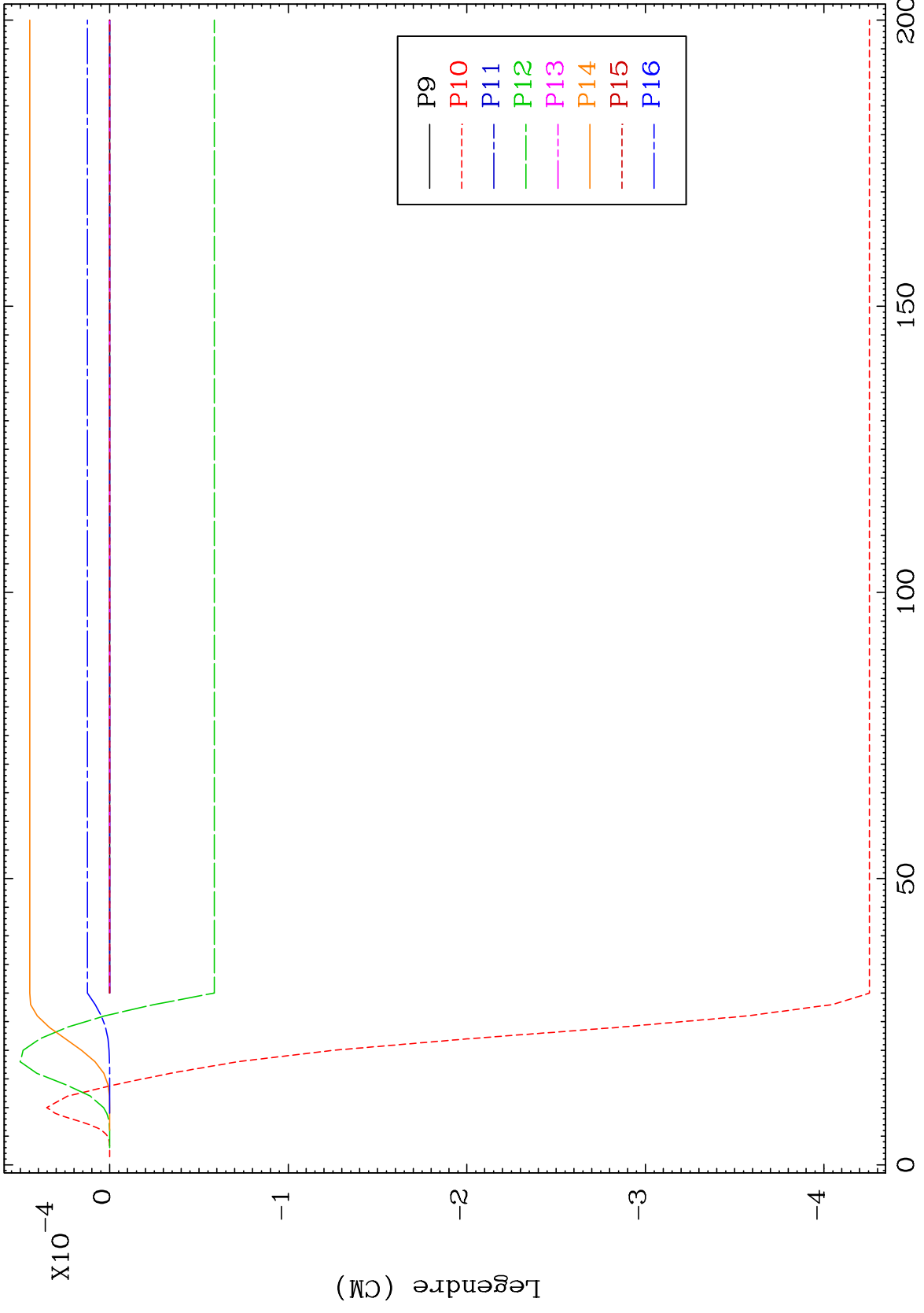


97

Incident Energy (MeV)

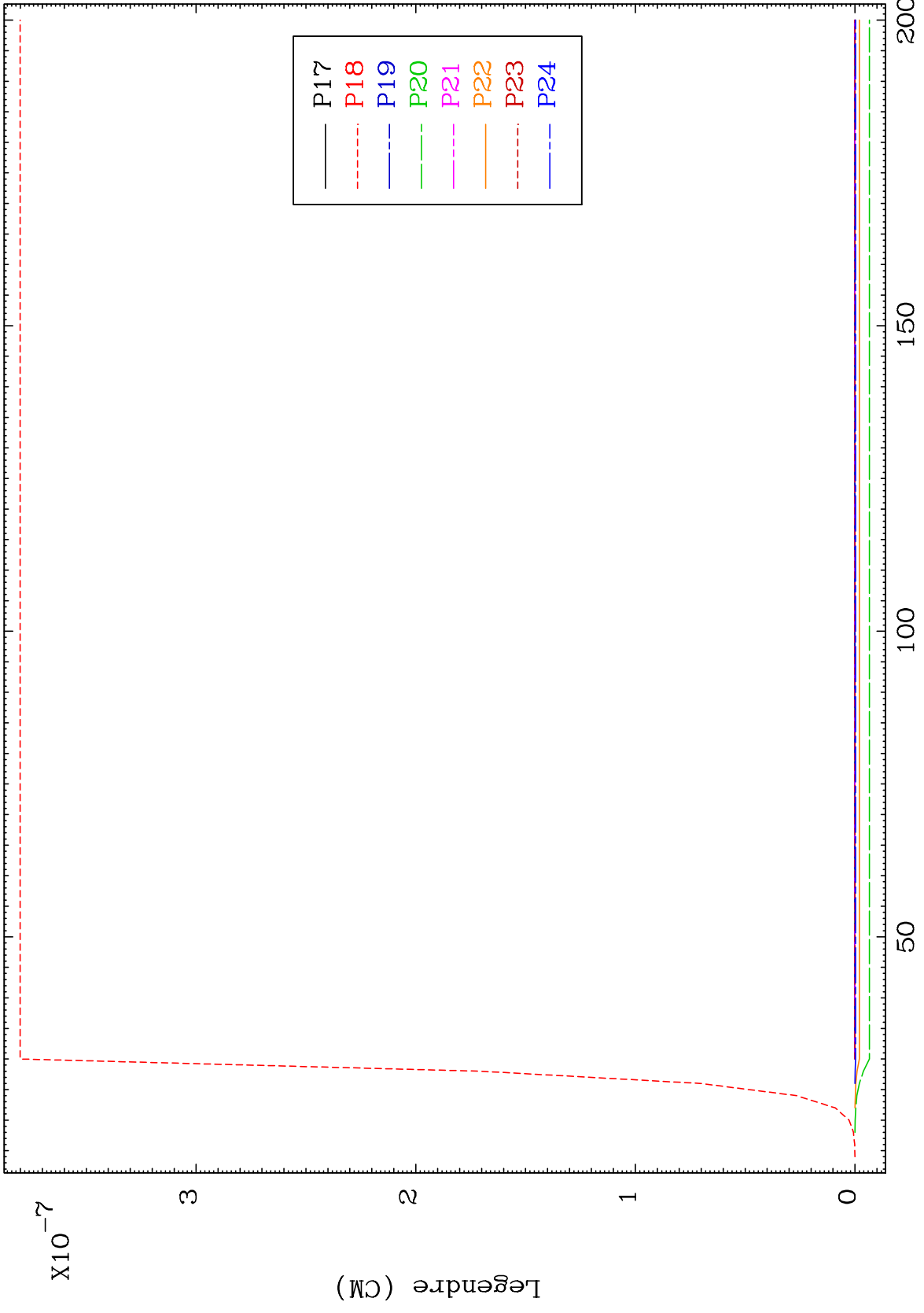
45-Rh-100

MAT 4516 MT= 73 (n,n') Level Legendre Coefficients 45-Rh-100



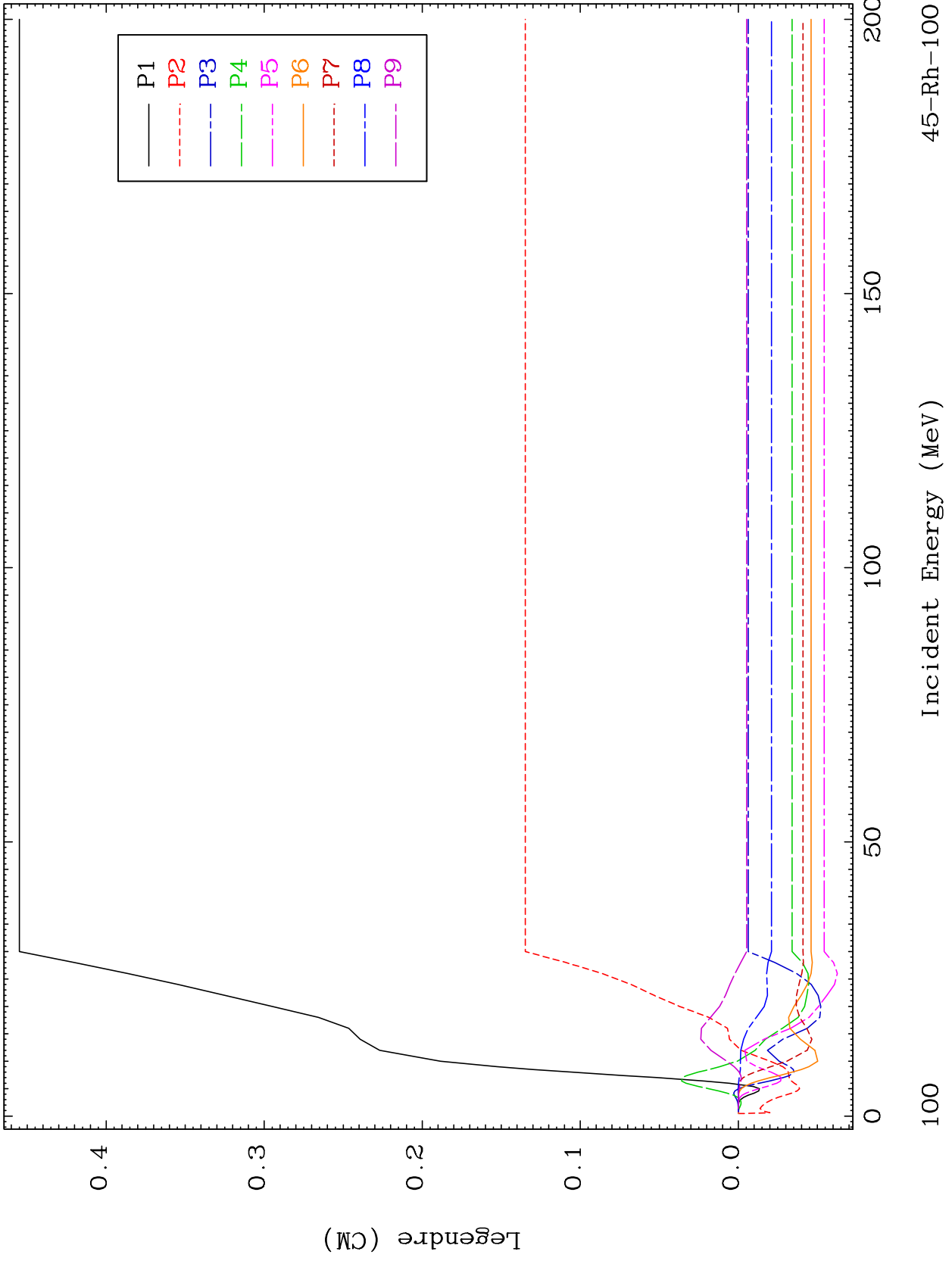
98 45-Rh-100

MAT 4516 MT= 73 (n,n') Level Legendre Coefficients 45-Rh-100

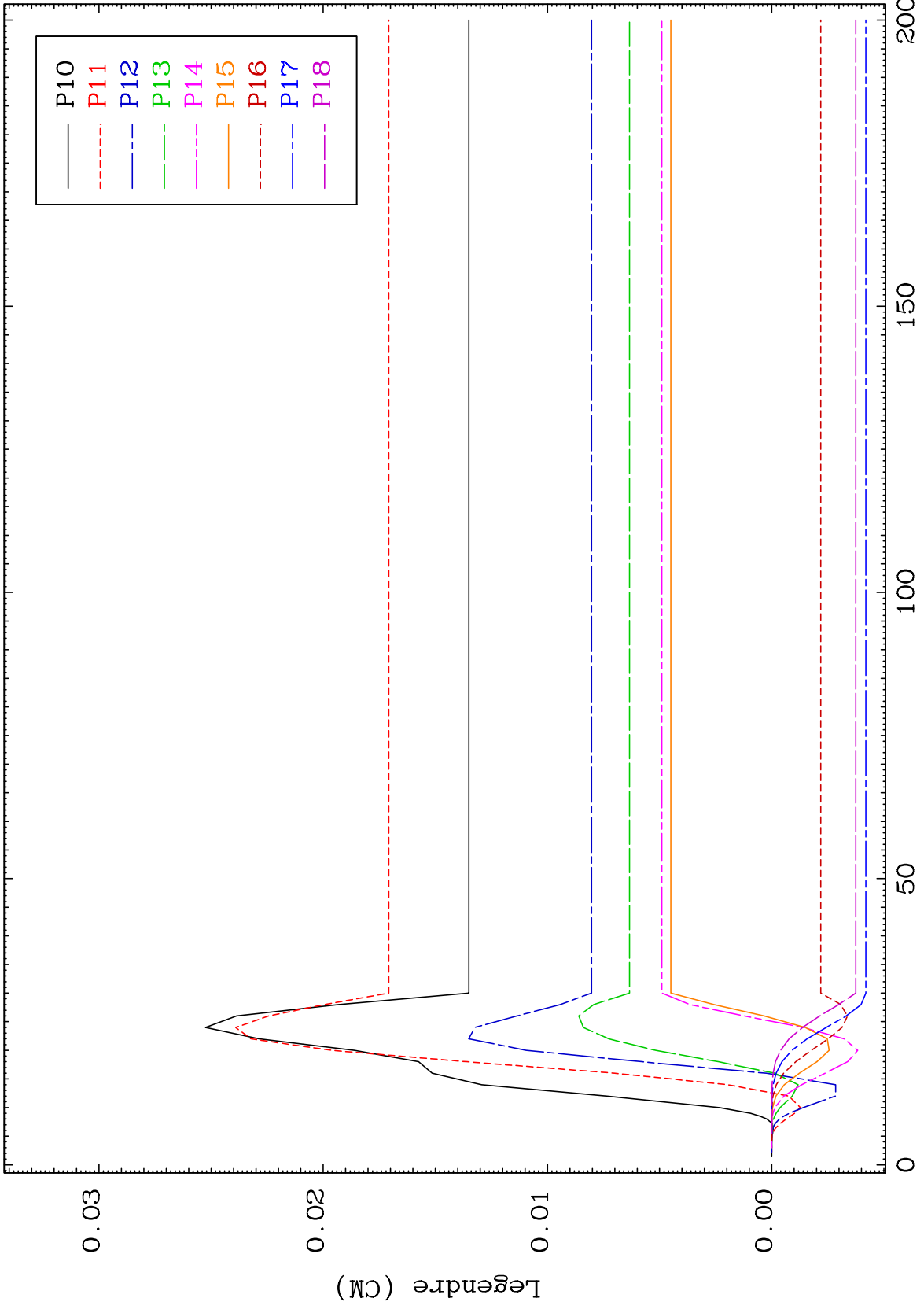


99 45-Rh-100

MAT 4516 MT= 74 (n,n') Level Legendre Coefficients 45-Rh-100

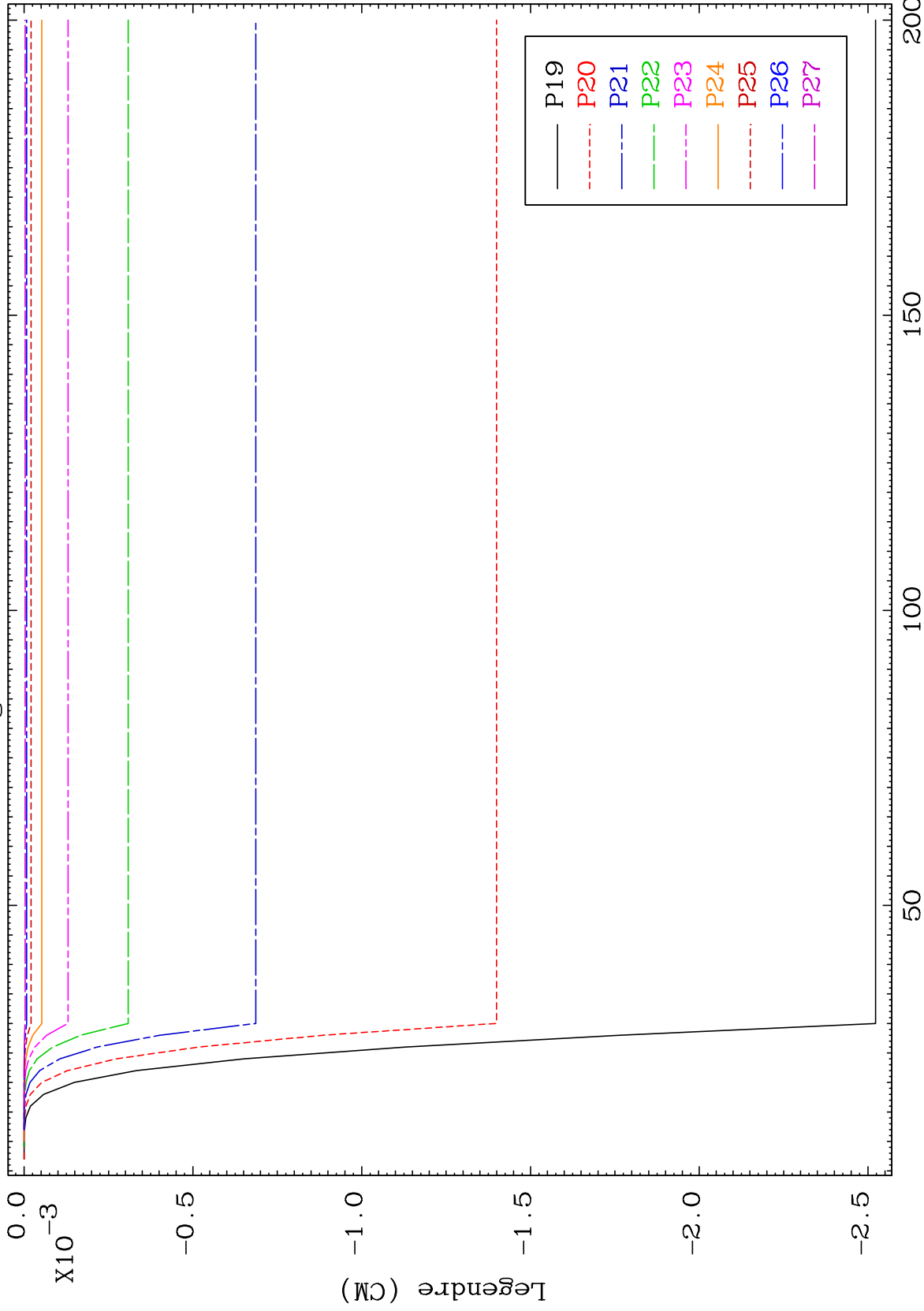


MAT 4516 MT= 74 (n,n') Level Legendre Coefficients 45-Rh-100



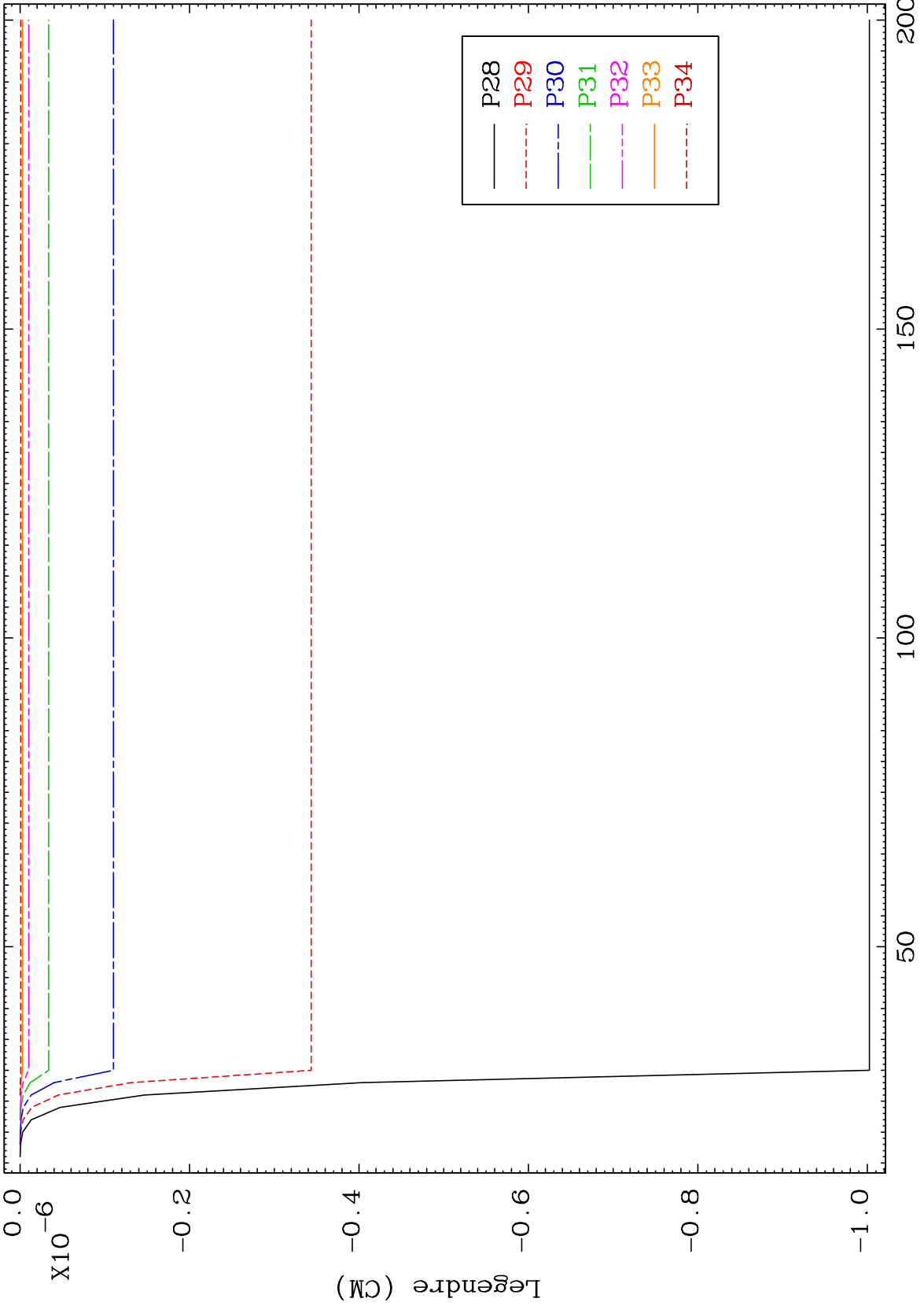
101 45-Rh-100

MAT 4516 MT= 74 (n,n') Level Legendre Coefficients 45-Rh-100



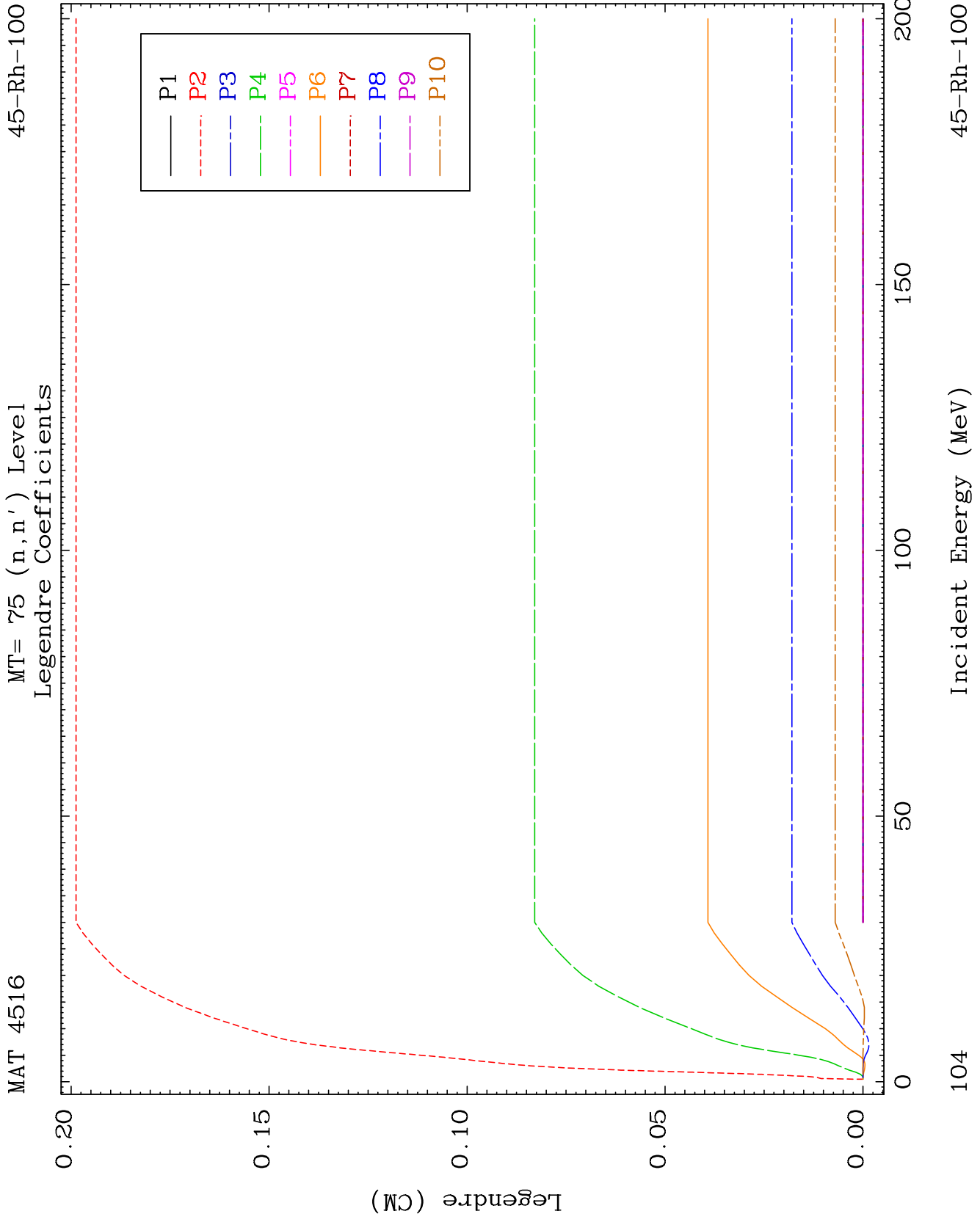
102 45-Rh-100

MAT 4516 MT= 74 (n,n') Level Legendre Coefficients 45-Rh-100



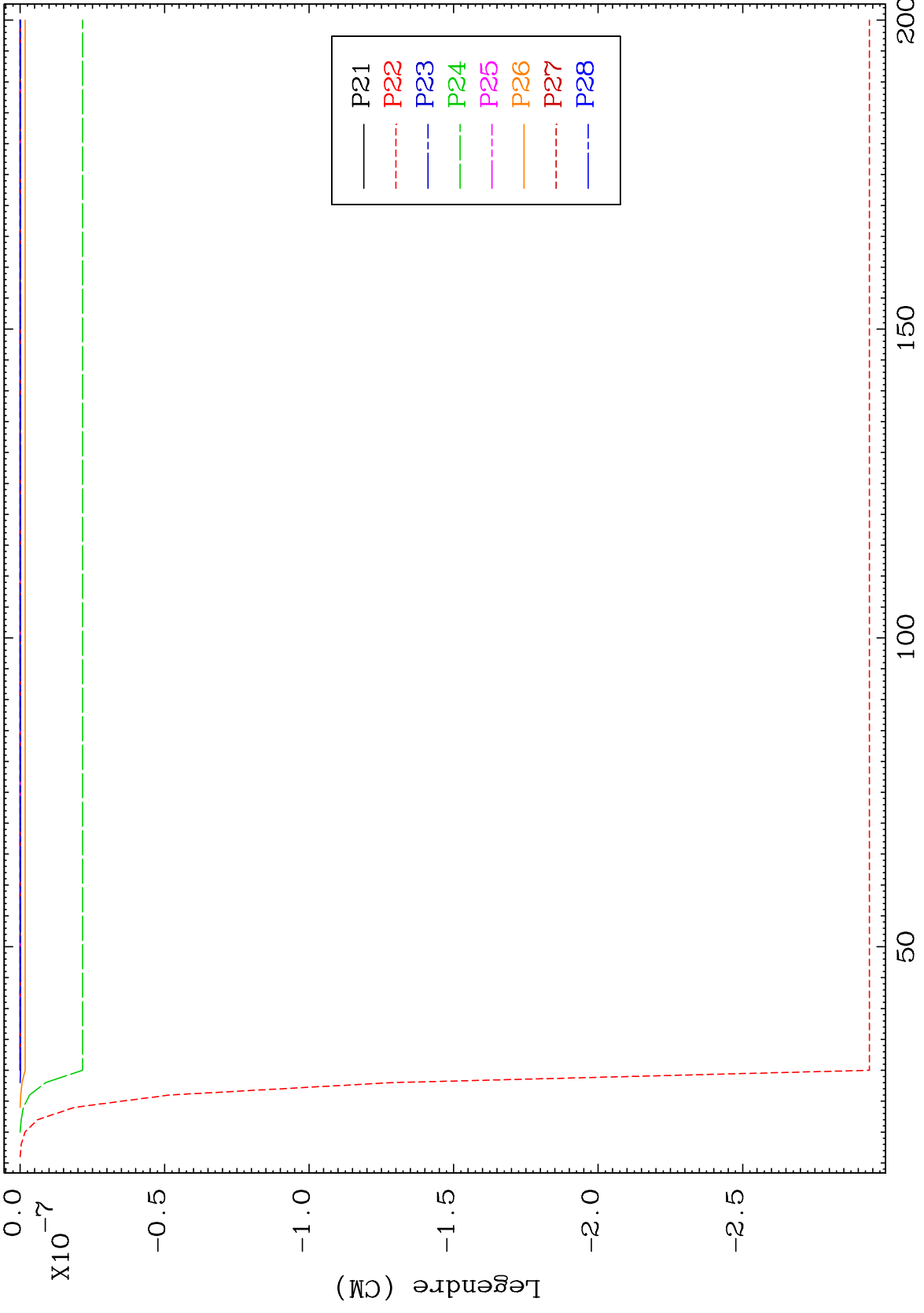
103 45-Rh-100





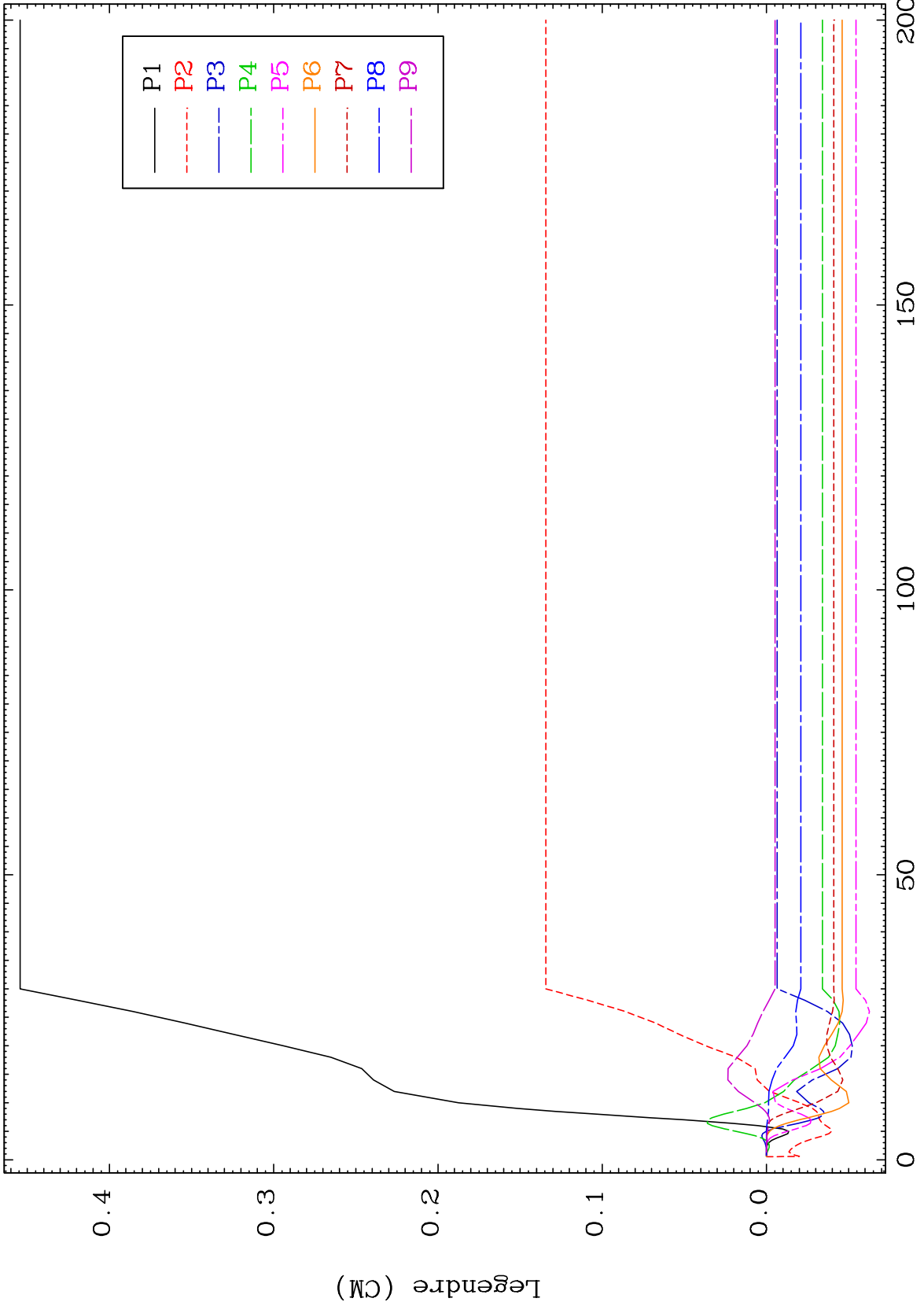


MAT 4516 MT= 75 (n,n') Level Legendre Coefficients 45-Rh-100



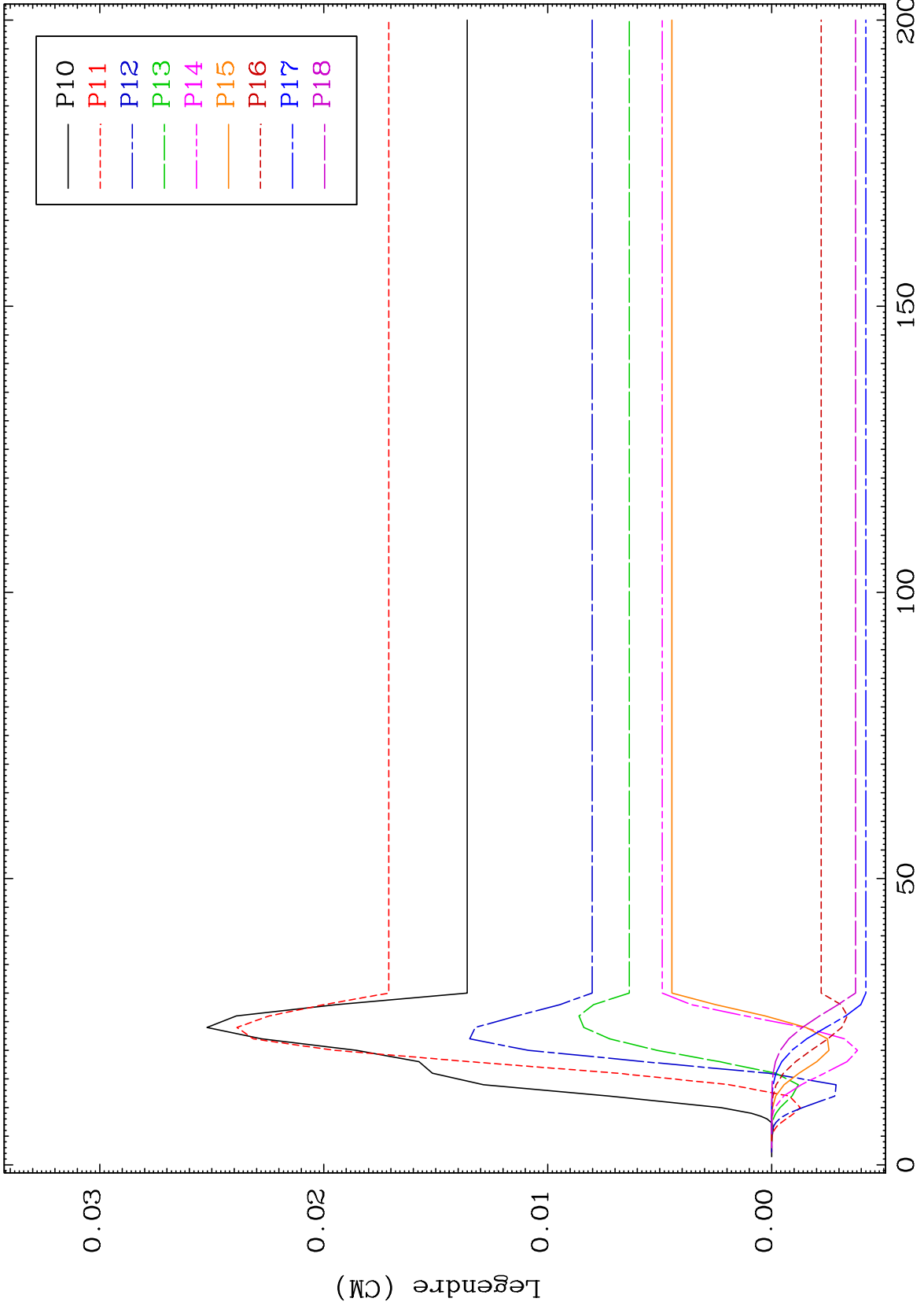
106 45-Rh-100

MAT 4516 MT= 76 (n,n') Level Legendre Coefficients 45-Rh-100



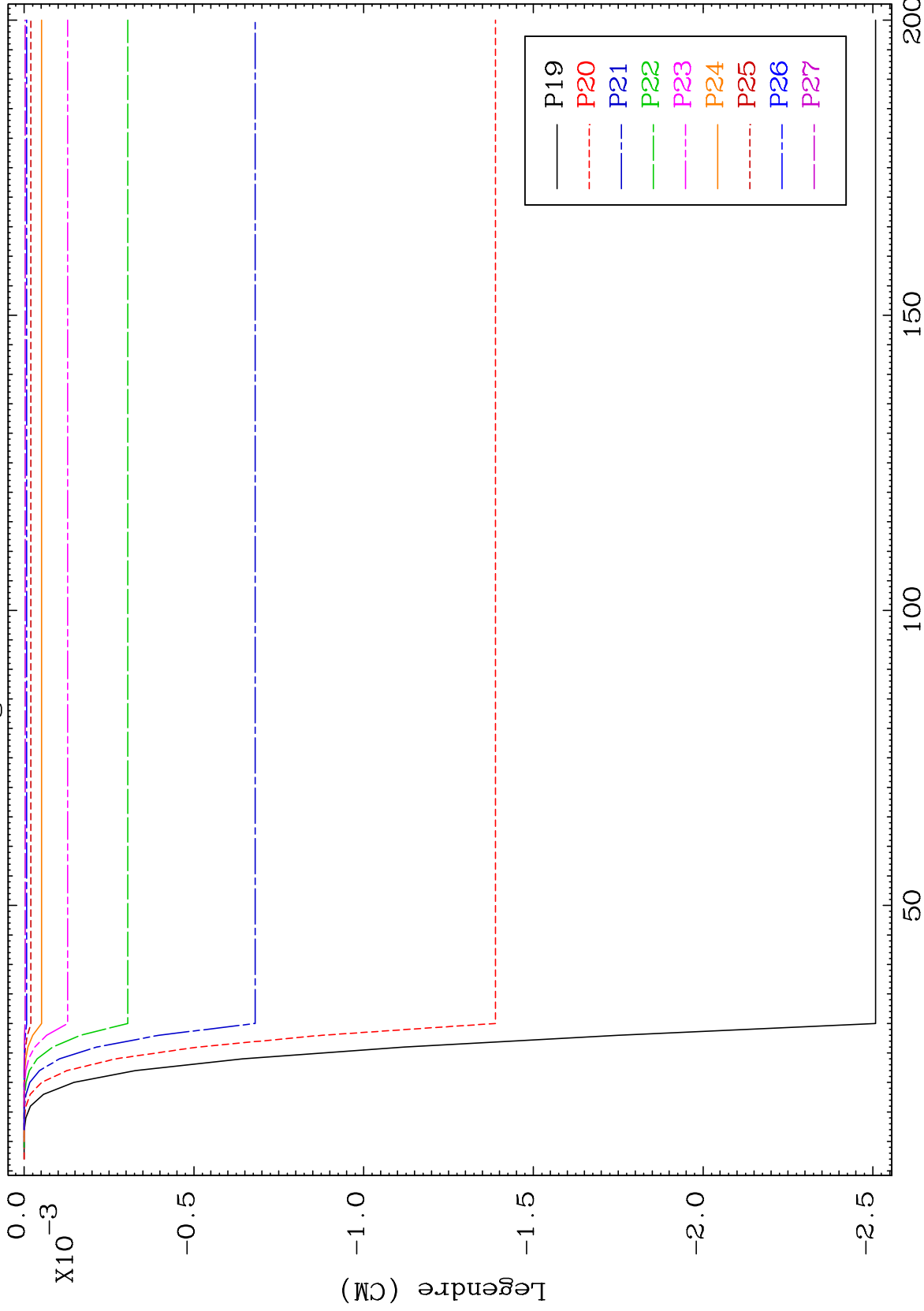
107 45-Rh-100

MAT 4516 MT= 76 (n,n') Level Legendre Coefficients 45-Rh-100



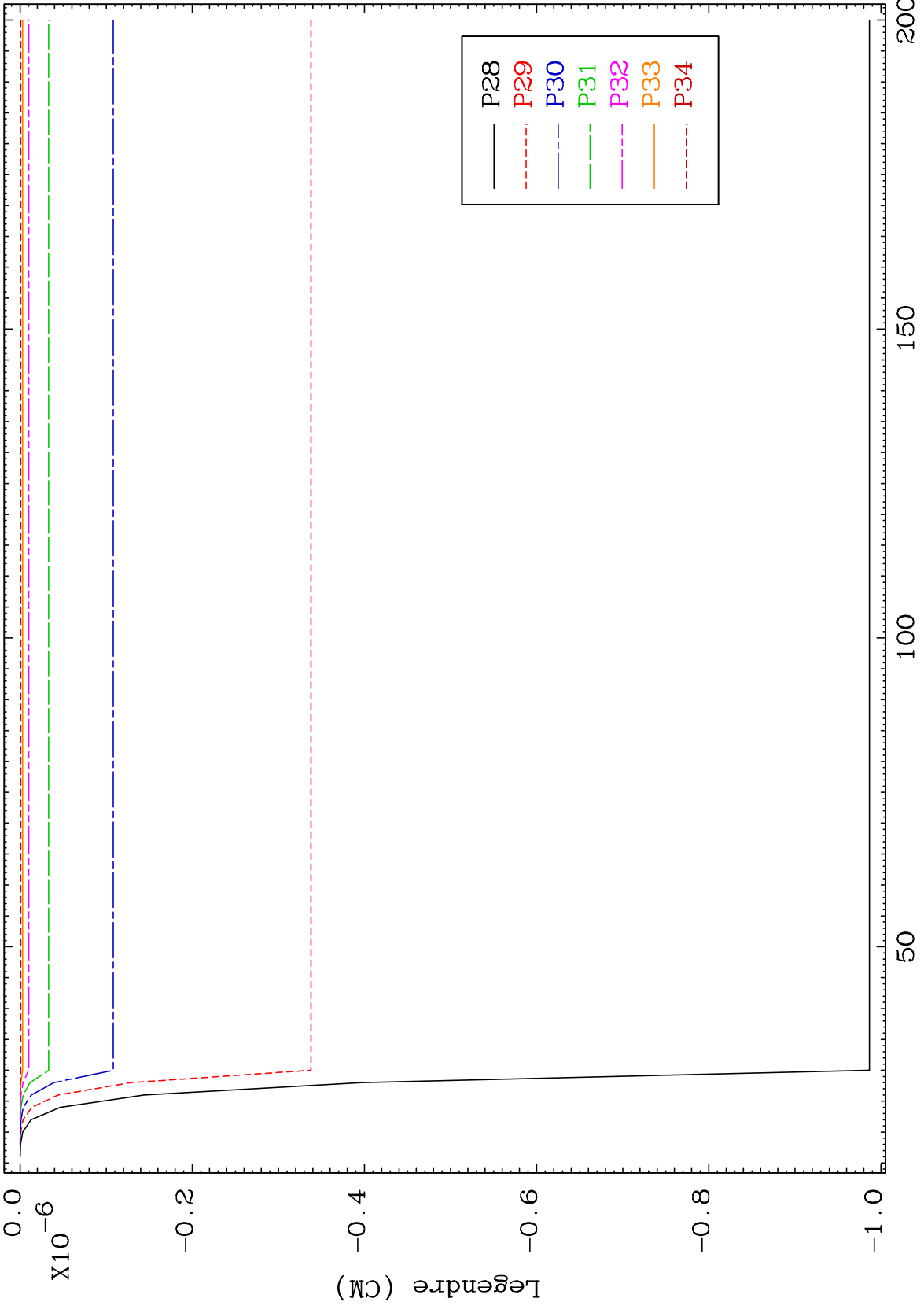
108 45-Rh-100

MAT 4516 MT= 76 (n,n') Level Legendre Coefficients 45-Rh-100



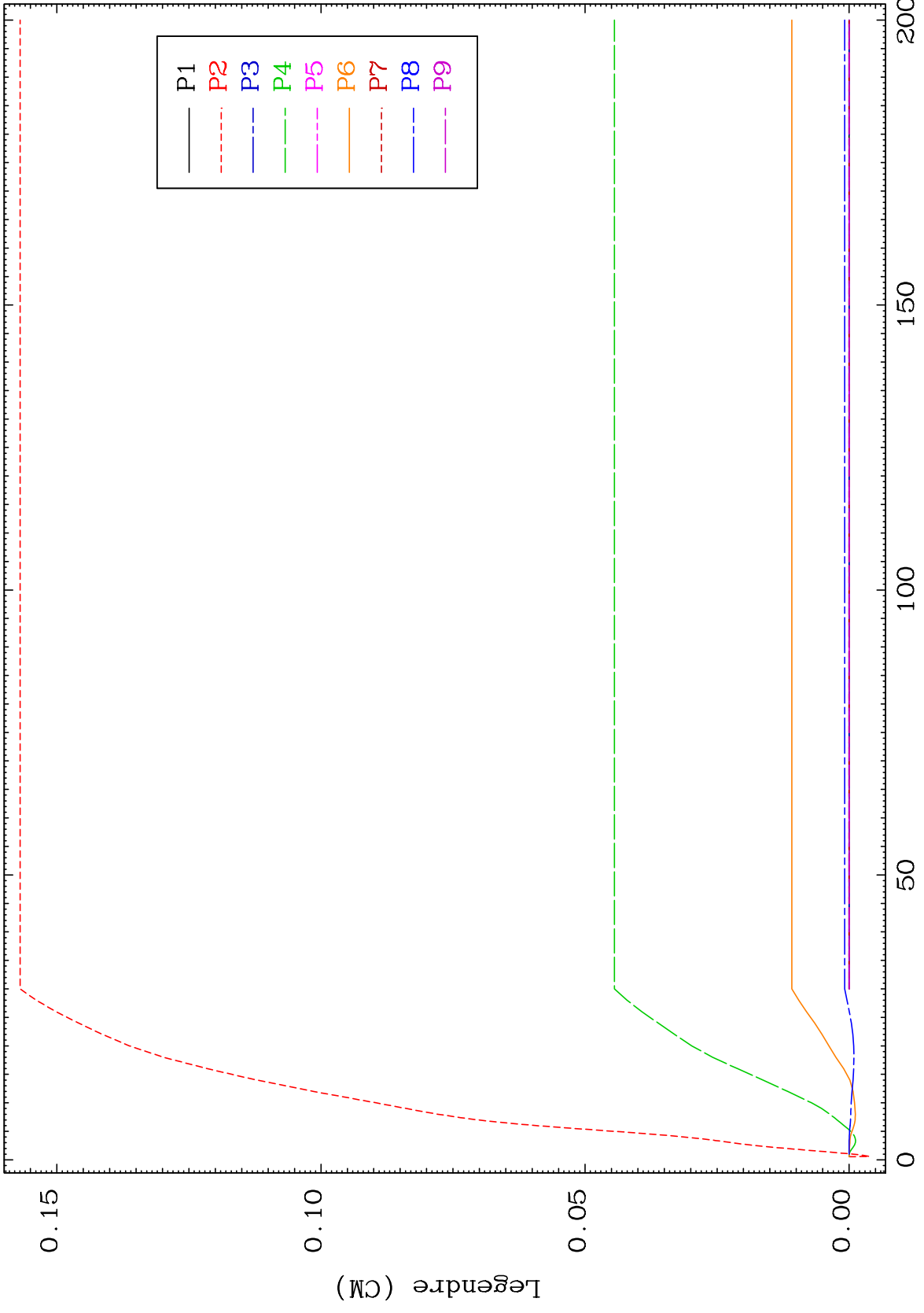
109 45-Rh-100

MAT 4516 MT= 76 (n,n') Level Legendre Coefficients 45-Rh-100



110 45-Rh-100

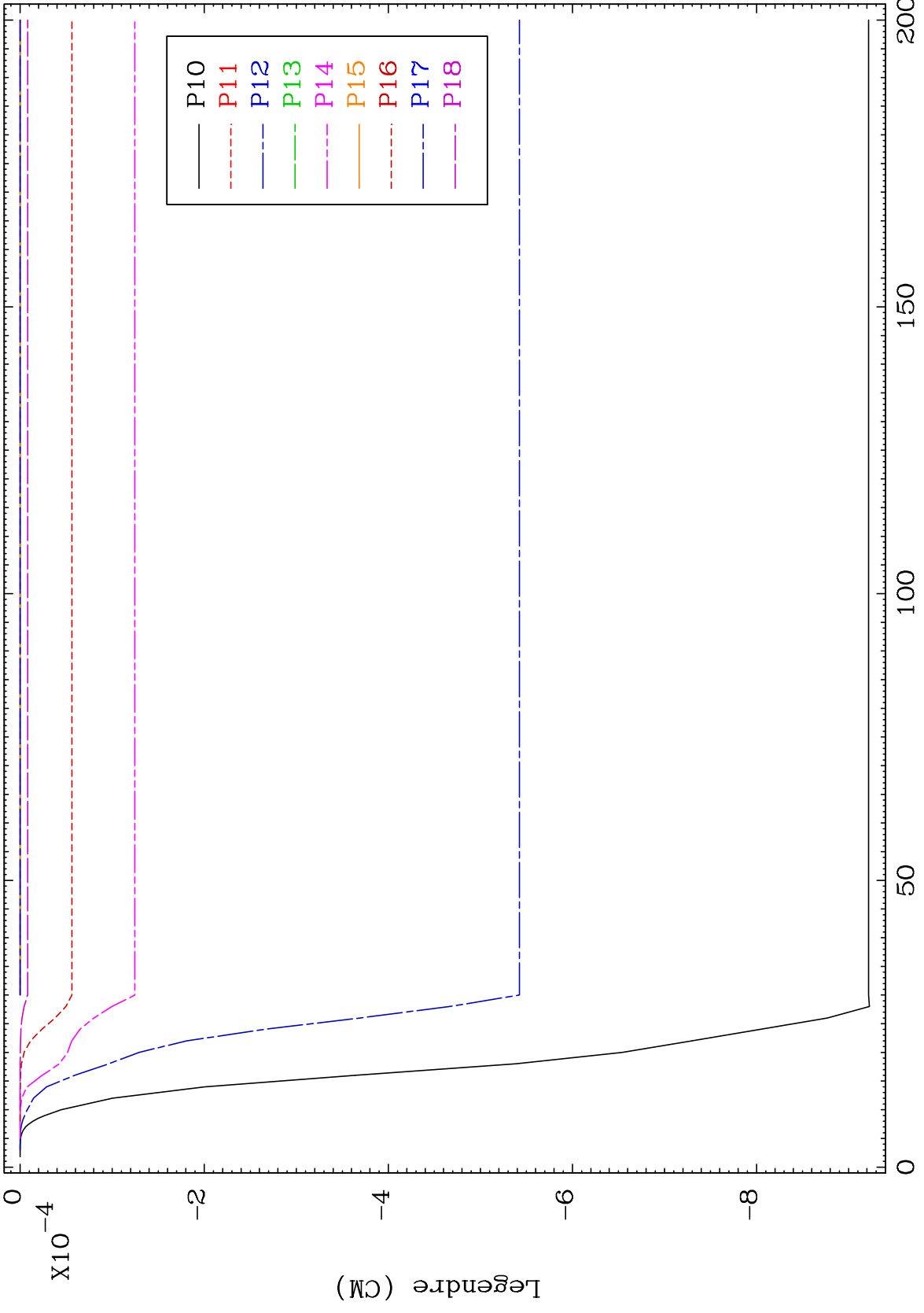
MAT 4516 MT= 77 (n,n') Level Legendre Coefficients 45-Rh-100



111 45-Rh-100

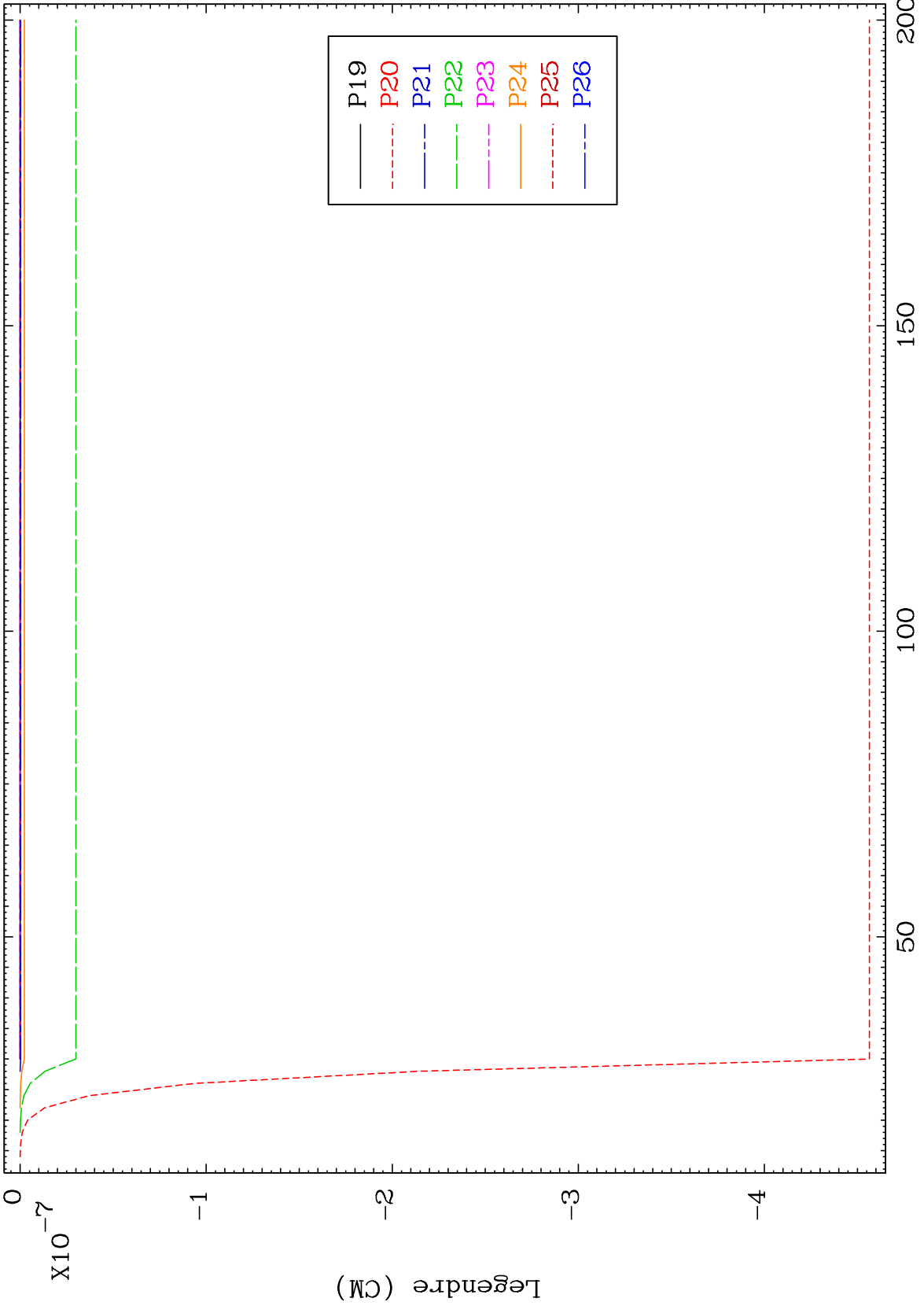


MAT 4516 MT= 77 (n,n') Level Legendre Coefficients 45-Rh-100



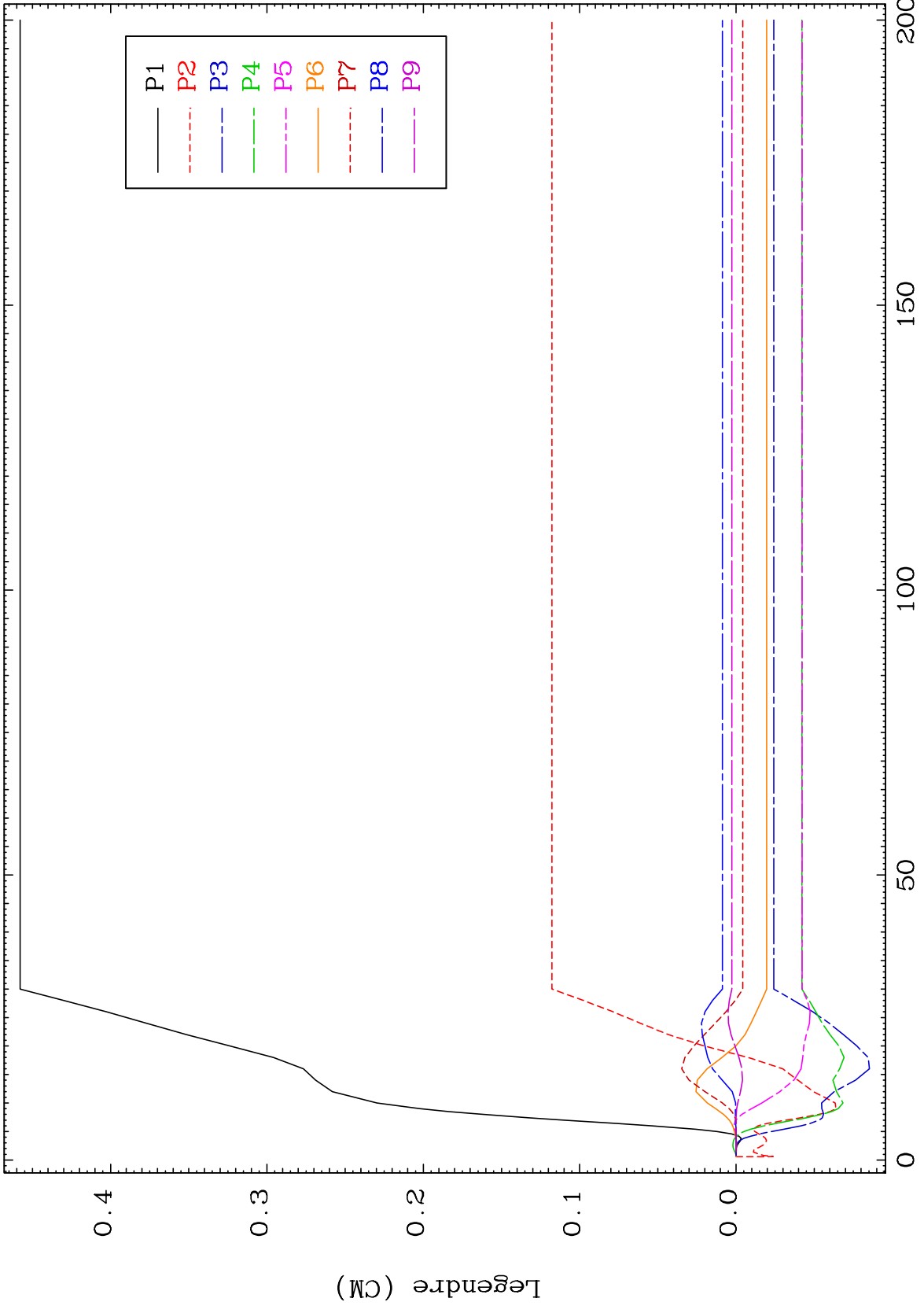
112 45-Rh-100

MAT 4516 MT= 77 (n,n') Level Legendre Coefficients 45-Rh-100

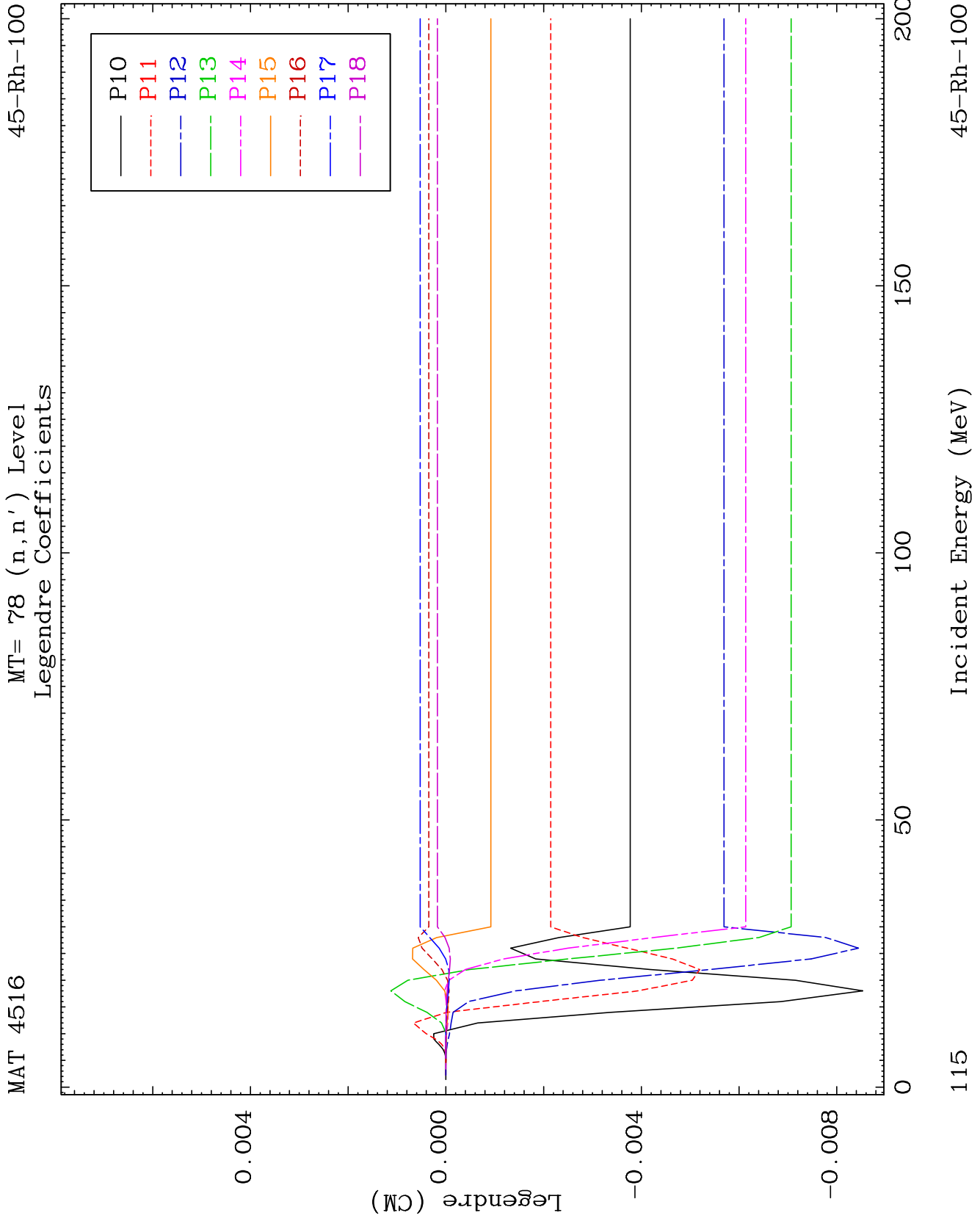


113 45-Rh-100

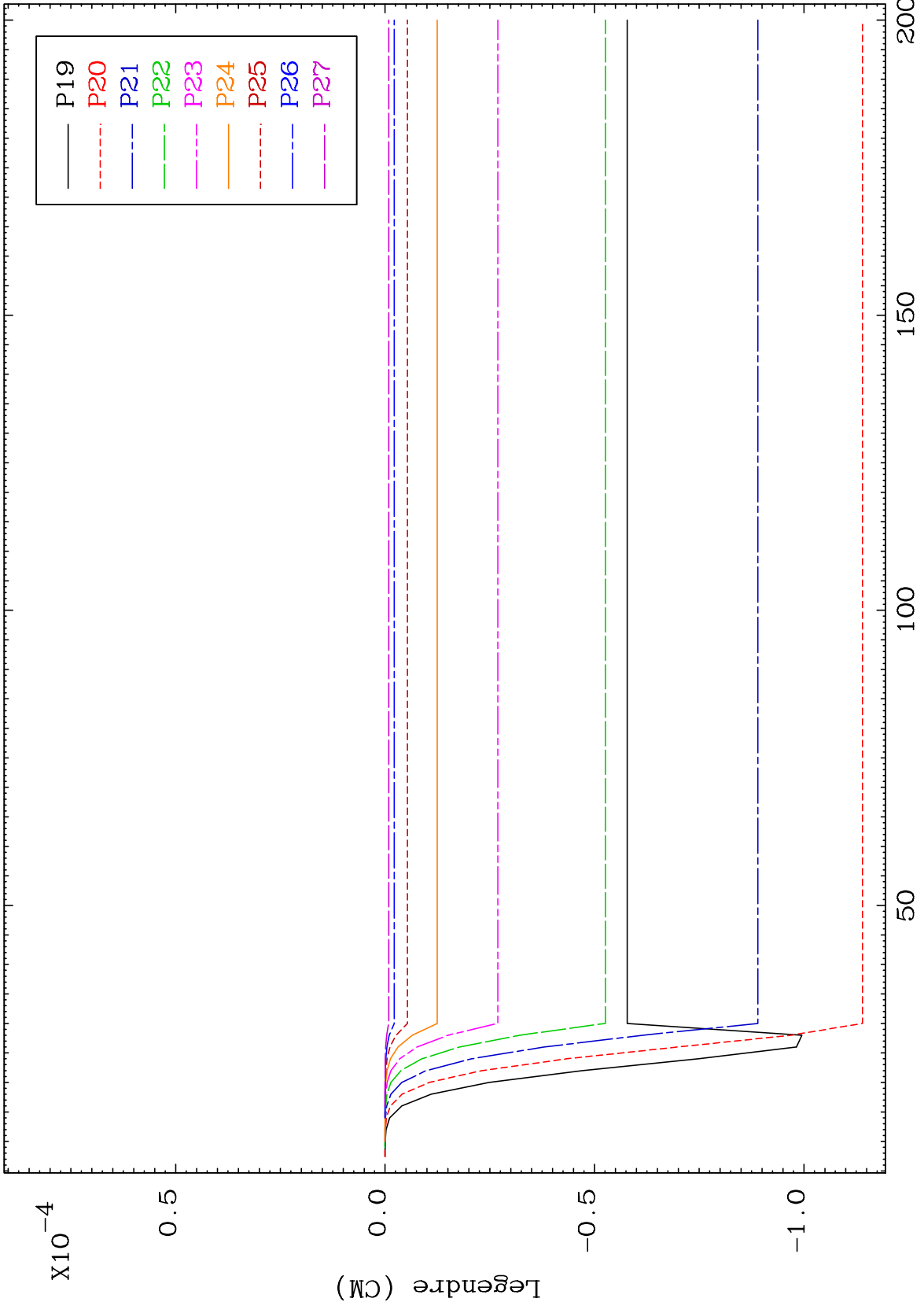
MAT 4516 MT= 78 (n,n') Level Legendre Coefficients 45-Rh-100



114 45-Rh-100

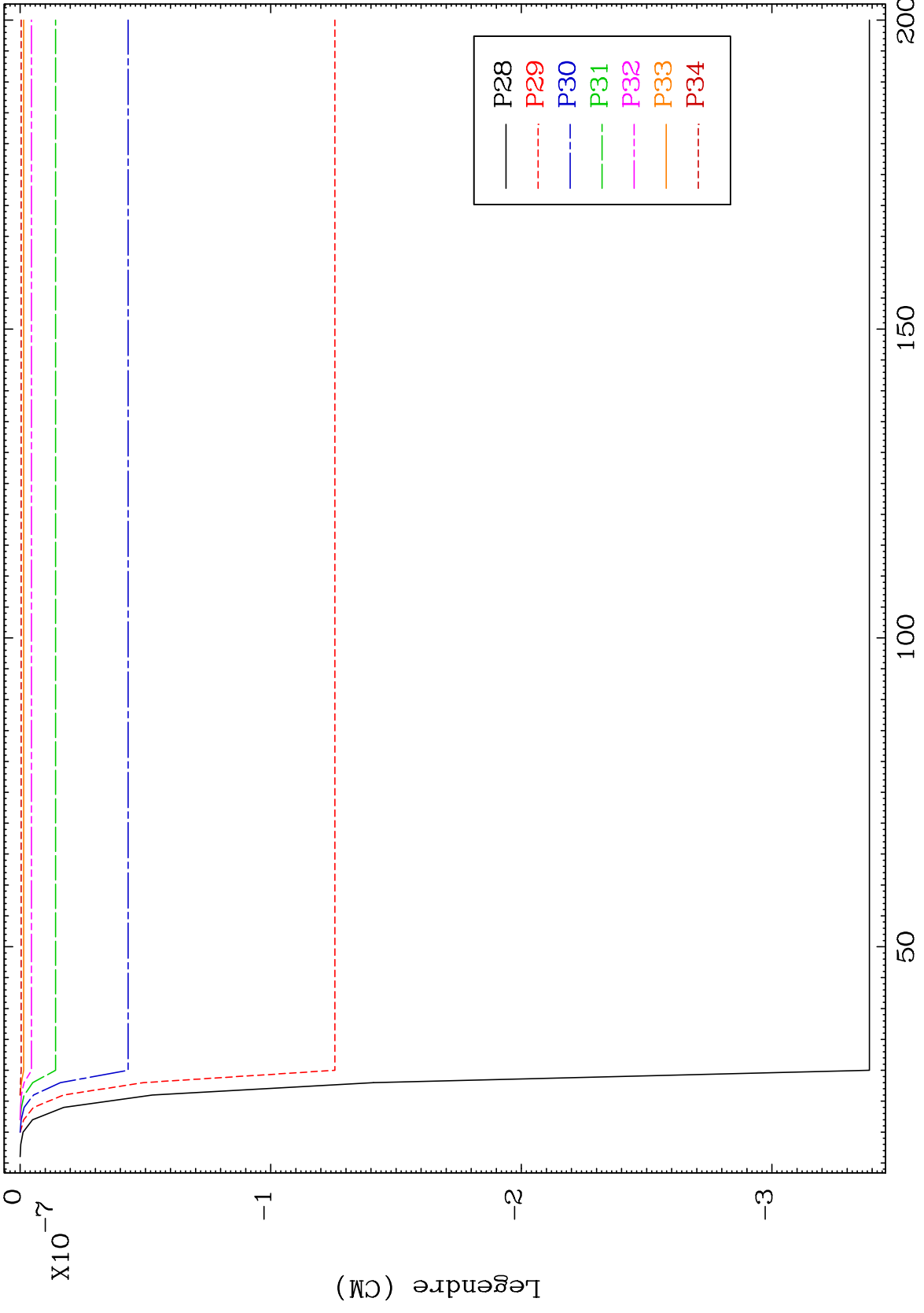


MAT 4516 MT= 78 (n,n') Level Legendre Coefficients 45-Rh-100



116 45-Rh-100

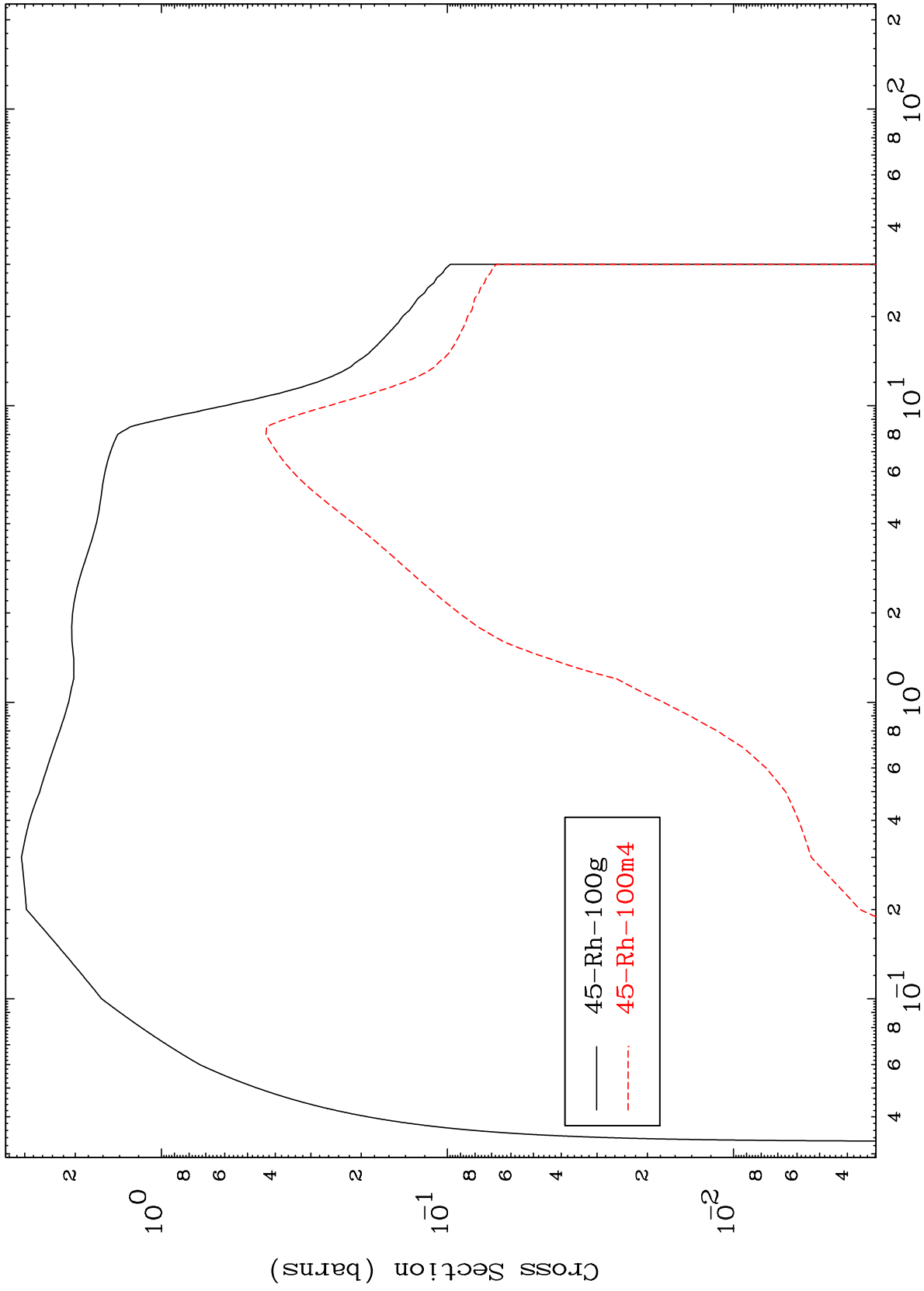
MAT 4516 MT= 78 (n,n') Level Legendre Coefficients 45-Rh-100



MAT 4516

45-Rh-100

# Inelastic Radionuclide Production Cross Section



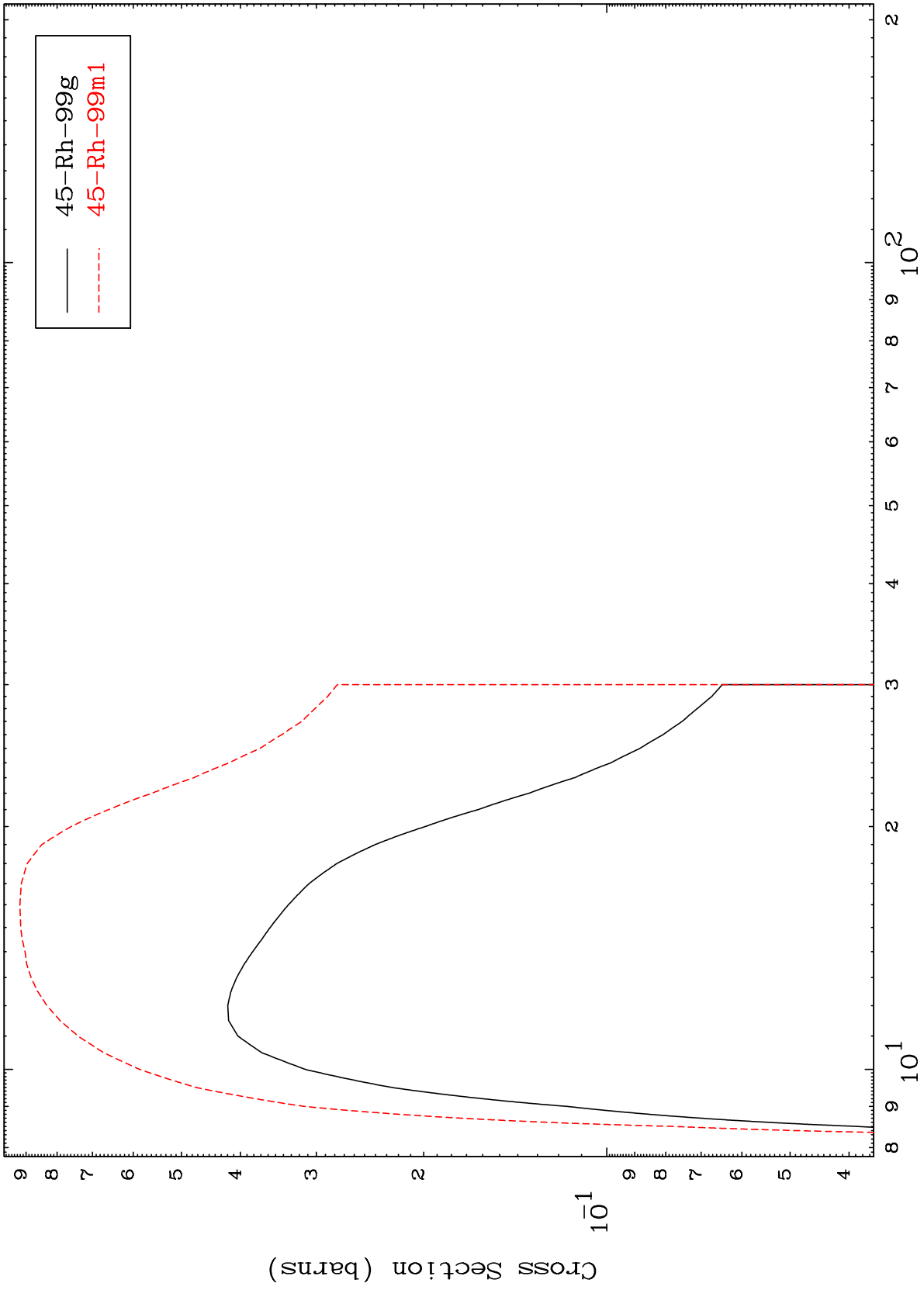
118

45-Rh-100

MAT 4516

45-Rh-100

(n,2n)  
Radionuclide Production Cross Section



119

Incident Energy (MeV)

45-Rh-100

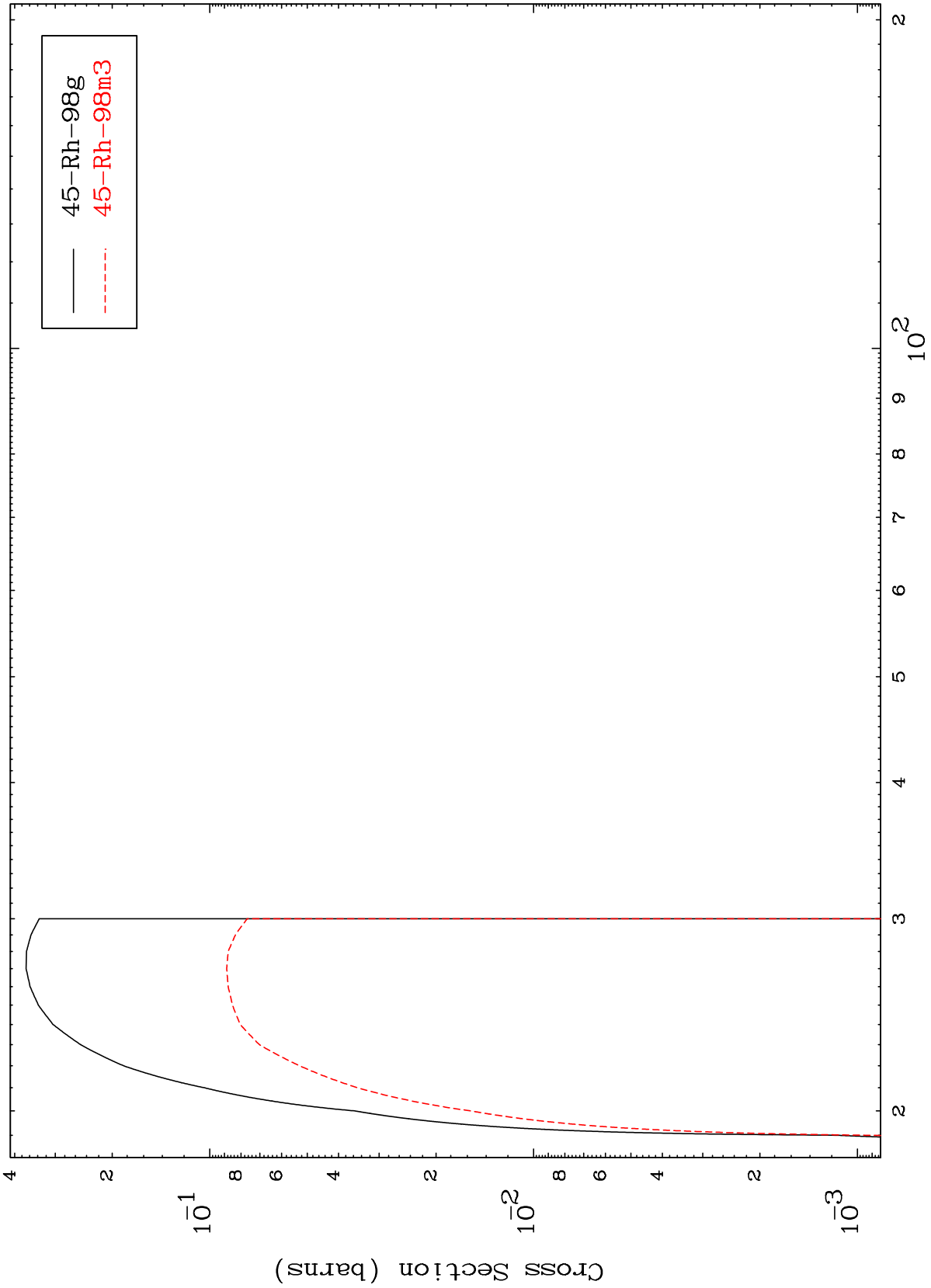


MAT 4516

(n,3n)

45-Rh-100

Radionuclide Production Cross Section



45-Rh-98g  
45-Rh-98m3

120

Incident Energy (MeV)

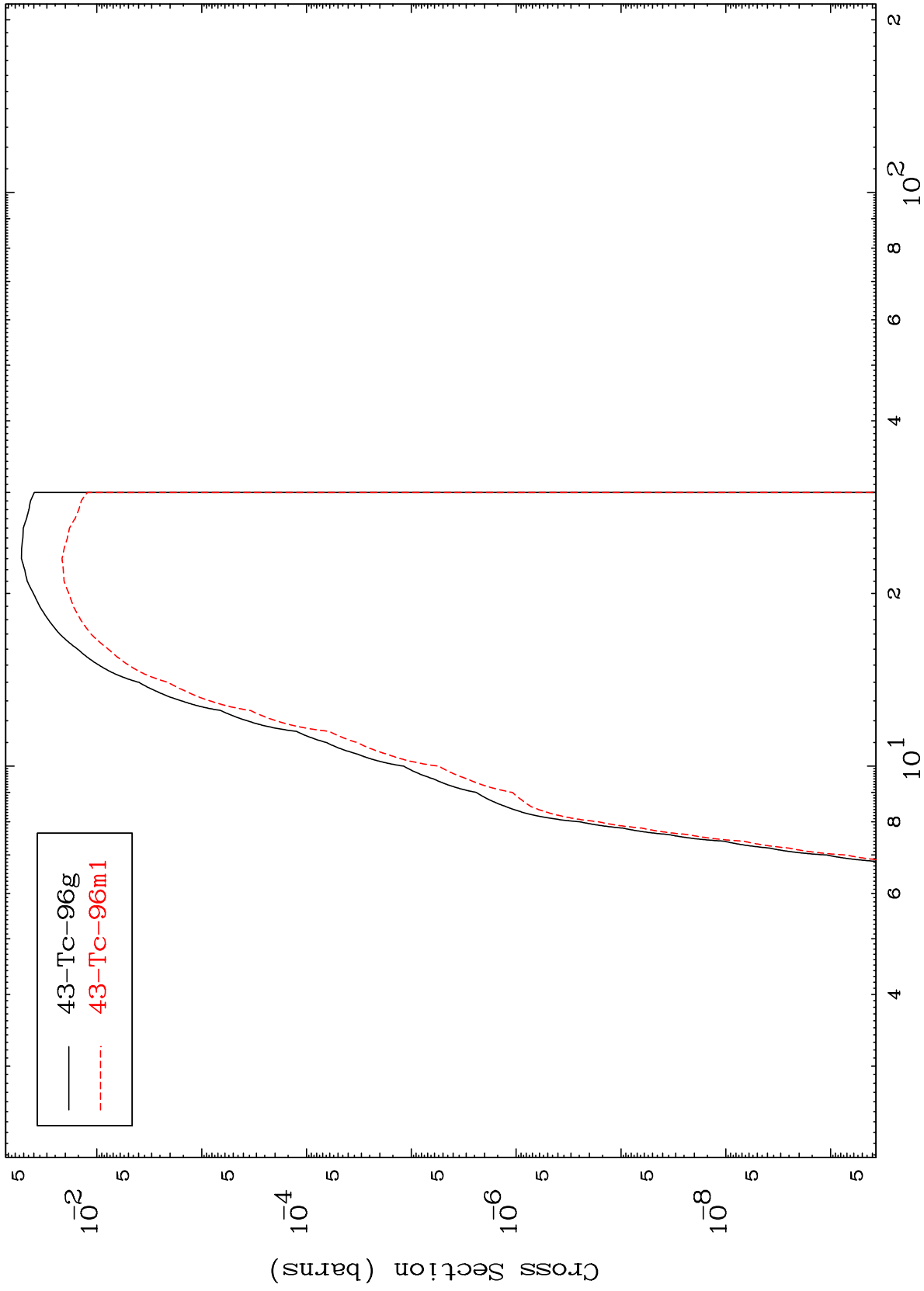
45-Rh-100

MAT 4516

(n,n')  $\alpha$

45-Rh-100

Radionuclide Production Cross Section



121

Incident Energy (MeV)

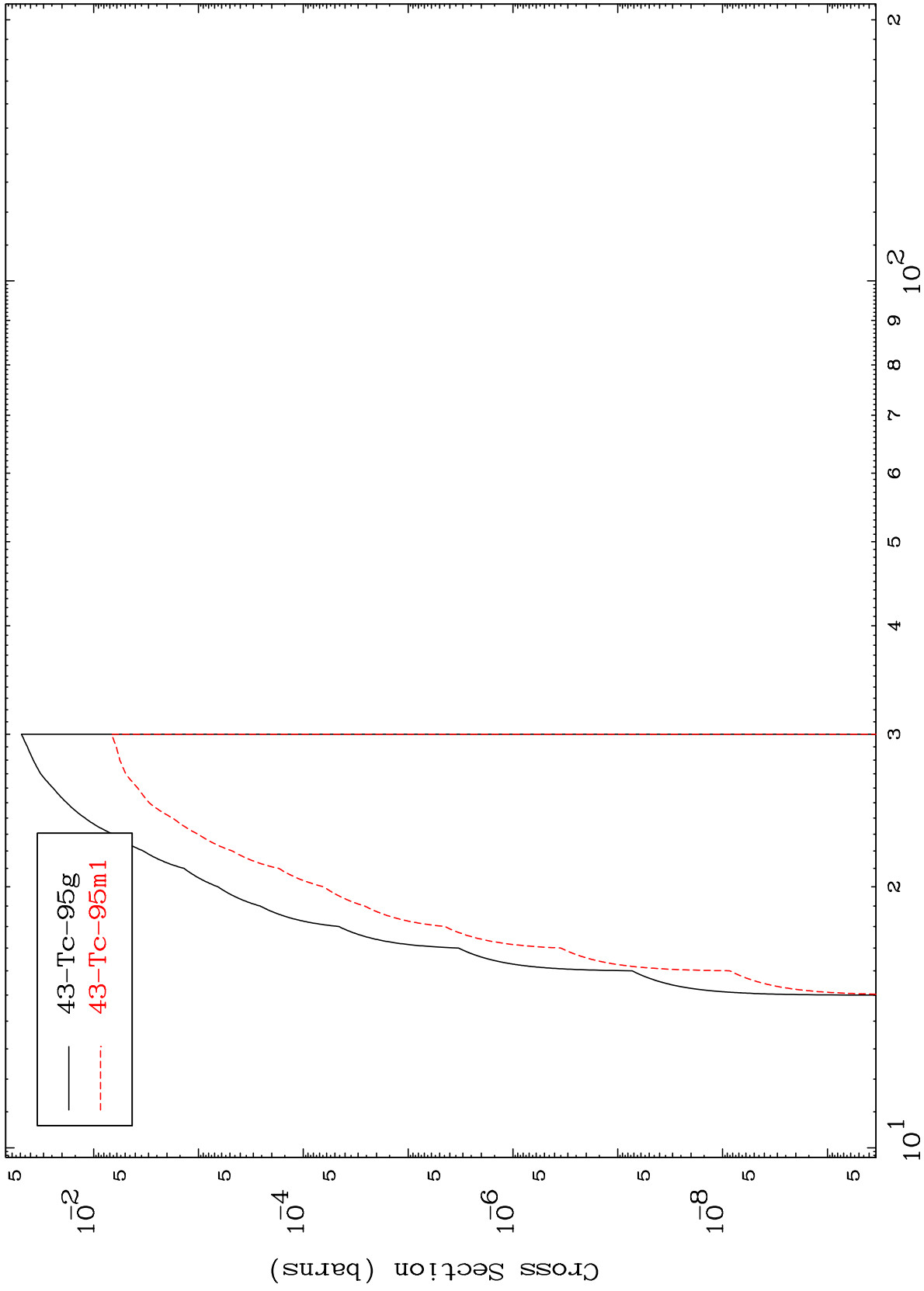
45-Rh-100

MAT 4516

(n,2n)  $\alpha$

45-Rh-100

Radionuclide Production Cross Section



122

Incident Energy (MeV)

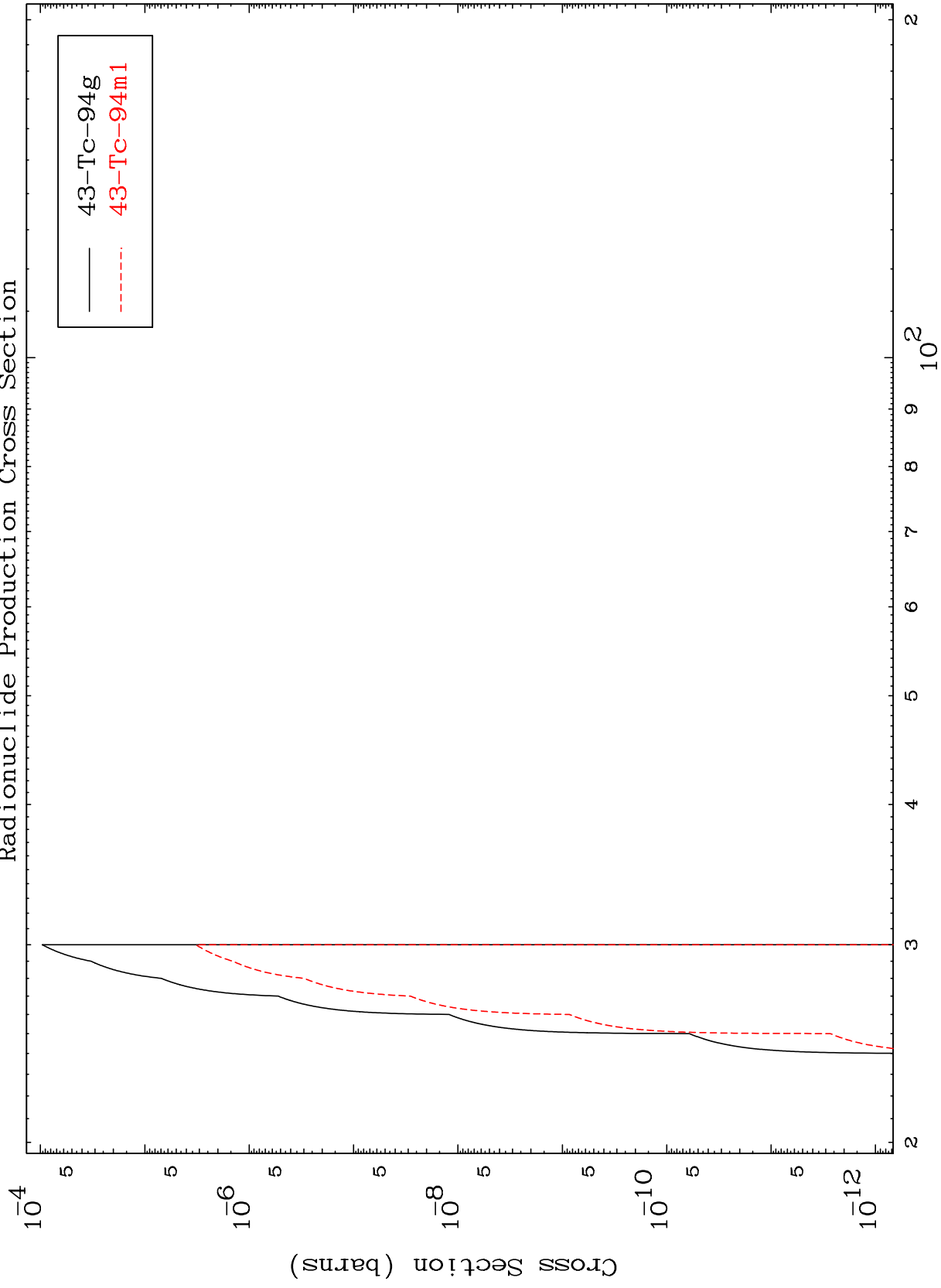
45-Rh-100

MAT 4516

(n,3n)  $\alpha$

Radionuclide Production Cross Section

45-Rh-100



45-Rh-100

Incident Energy (MeV)

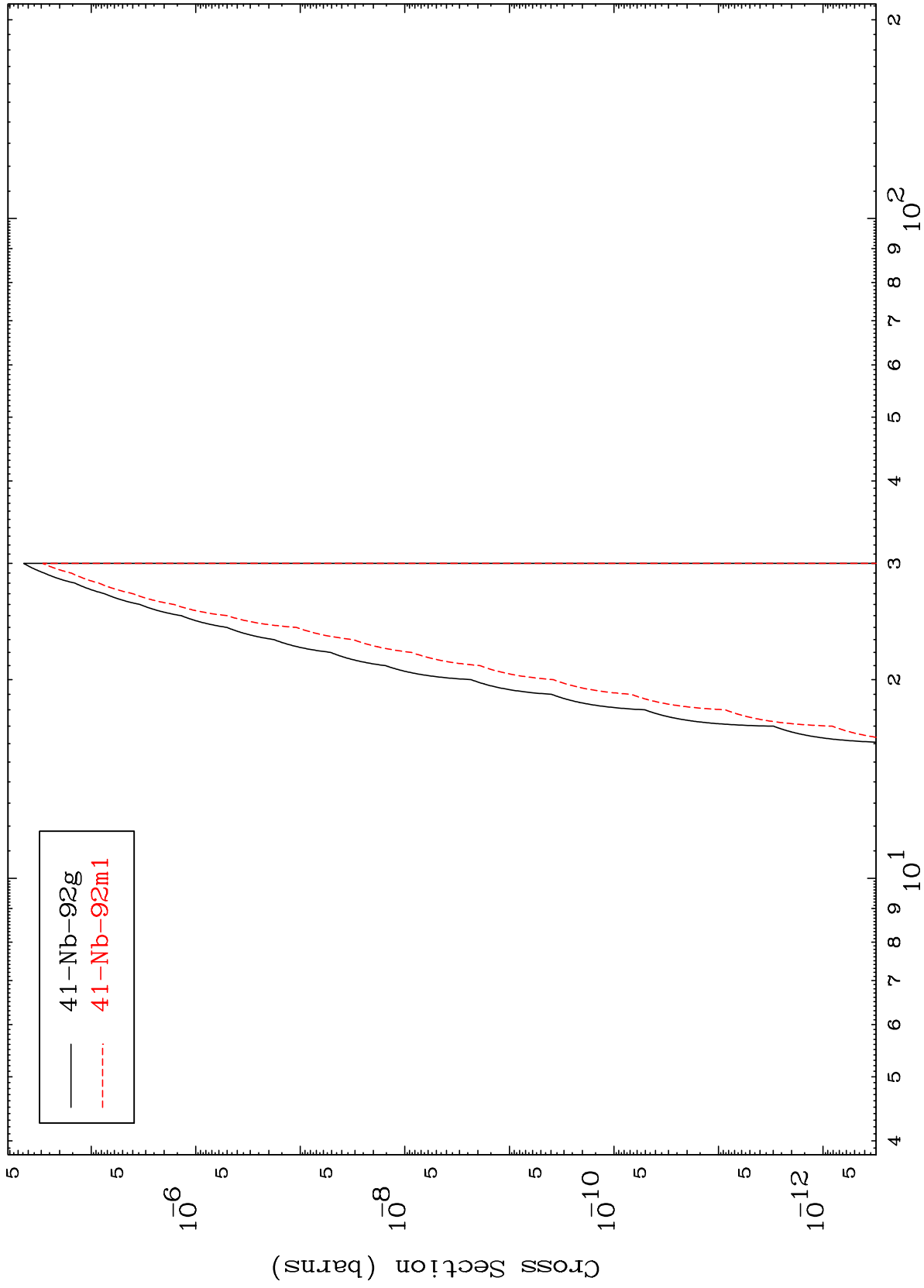
123

MAT 4516

(n, n') 2 $\alpha$

45-Rh-100

Radionuclide Production Cross Section



— 41-Nb-92g  
- - - 41-Nb-92m1

124

Incident Energy (MeV)

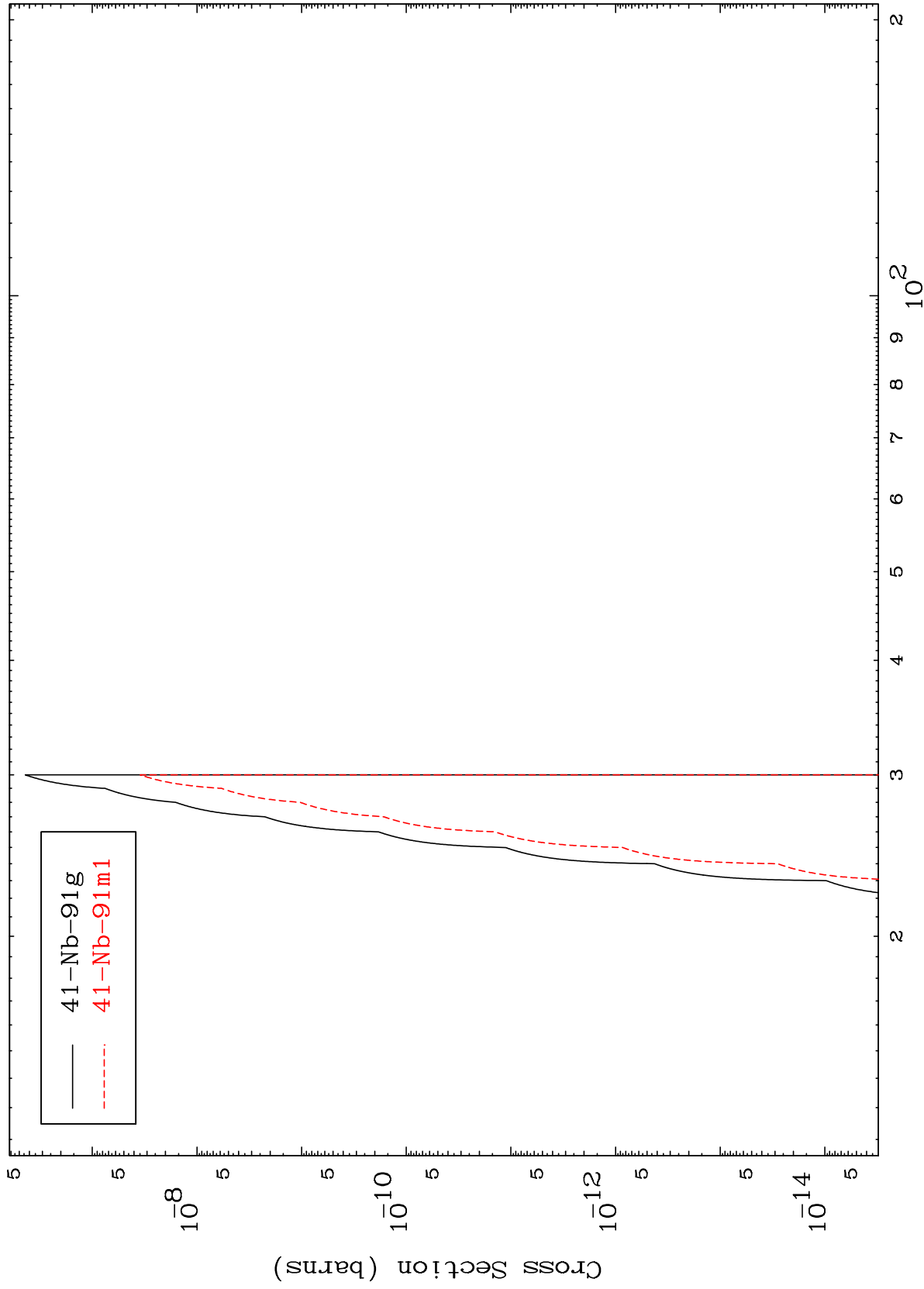
45-Rh-100

MAT 4516

(n,2n) 2 $\alpha$

45-Rh-100

Radionuclide Production Cross Section



125

Incident Energy (MeV)

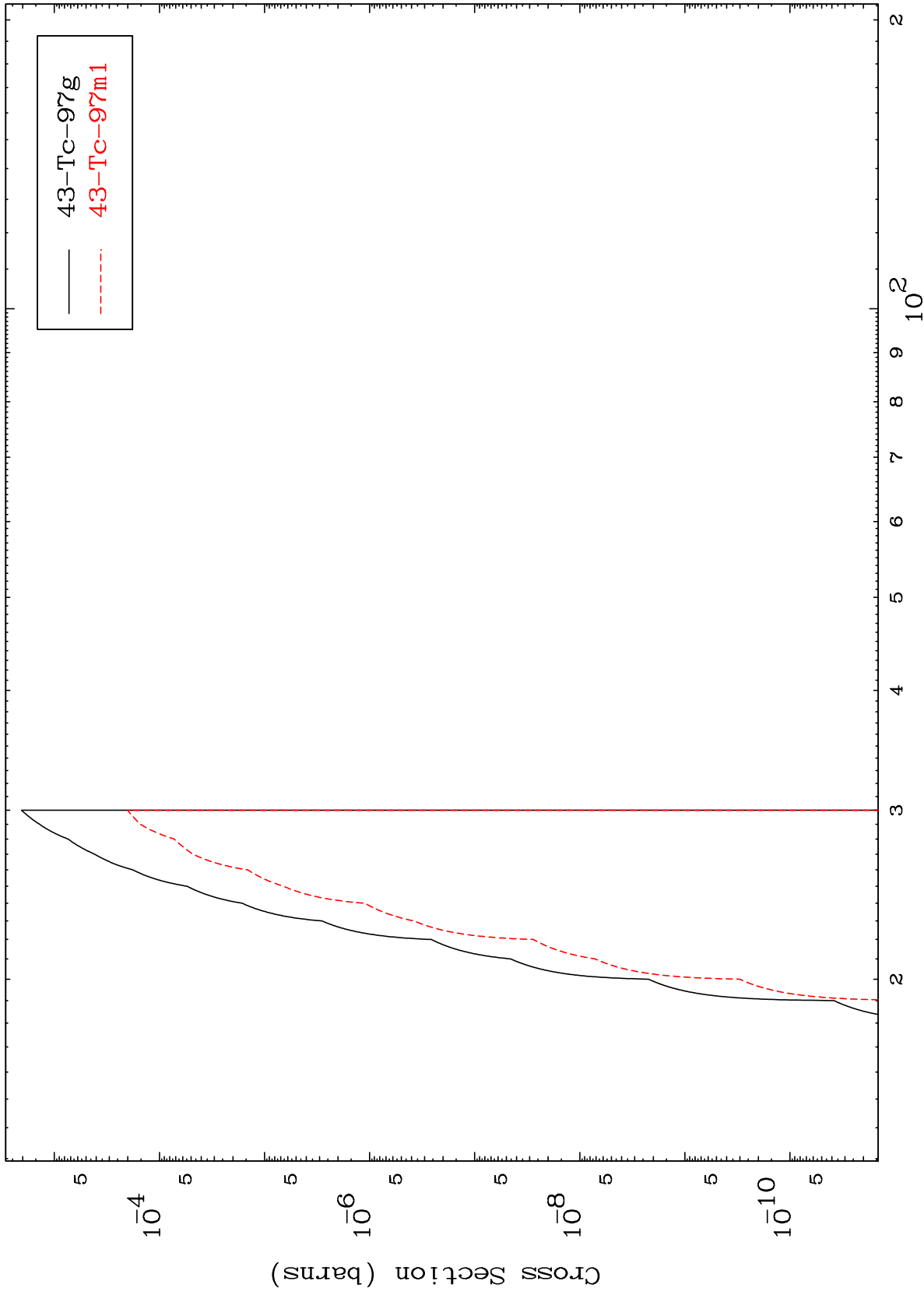
45-Rh-100

MAT 4516

(n, n') He-3

45-Rh-100

Radionuclide Production Cross Section



126

Incident Energy (MeV)

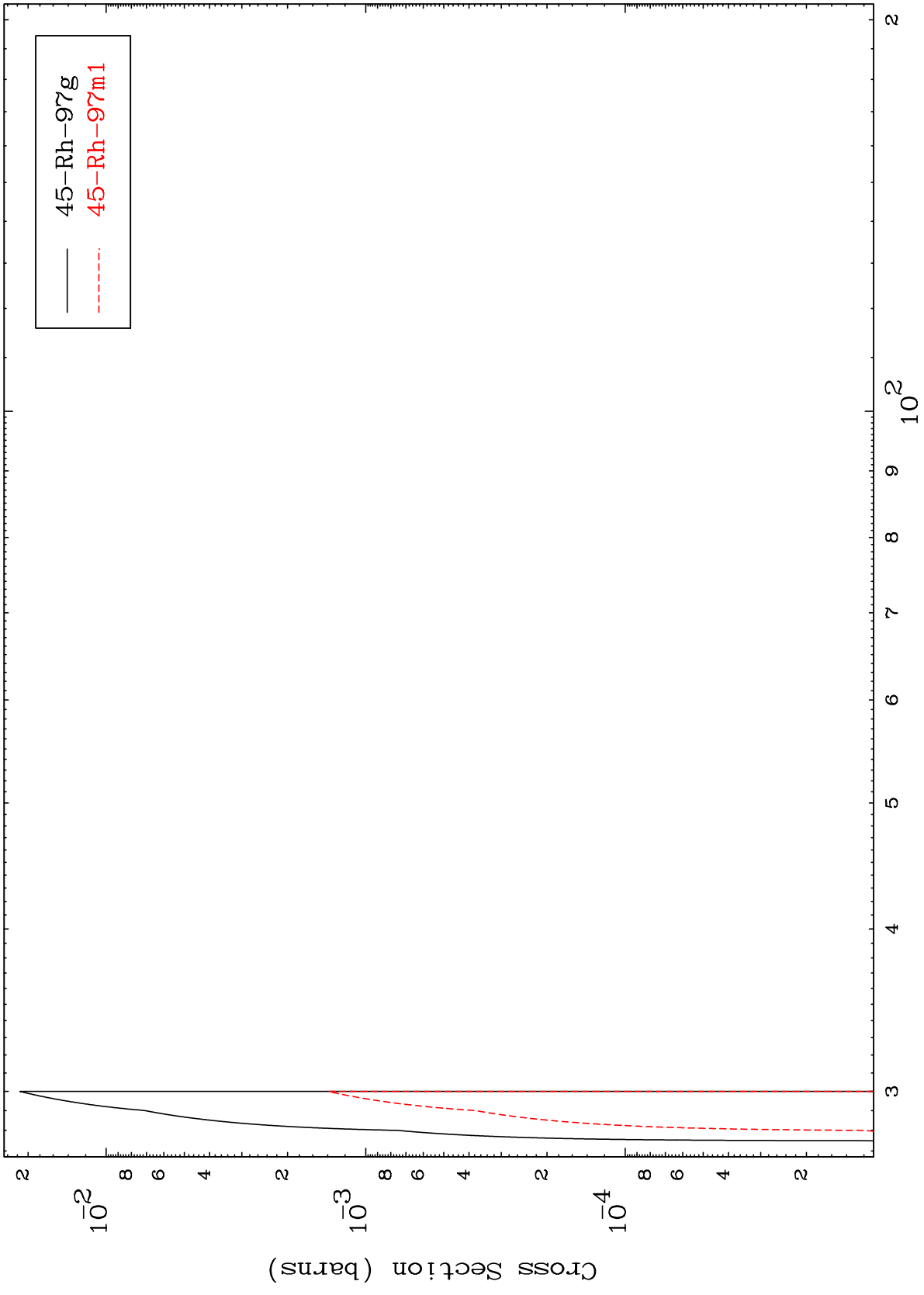
45-Rh-100

MAT 4516

(n,4n)

45-Rh-100

Radionuclide Production Cross Section



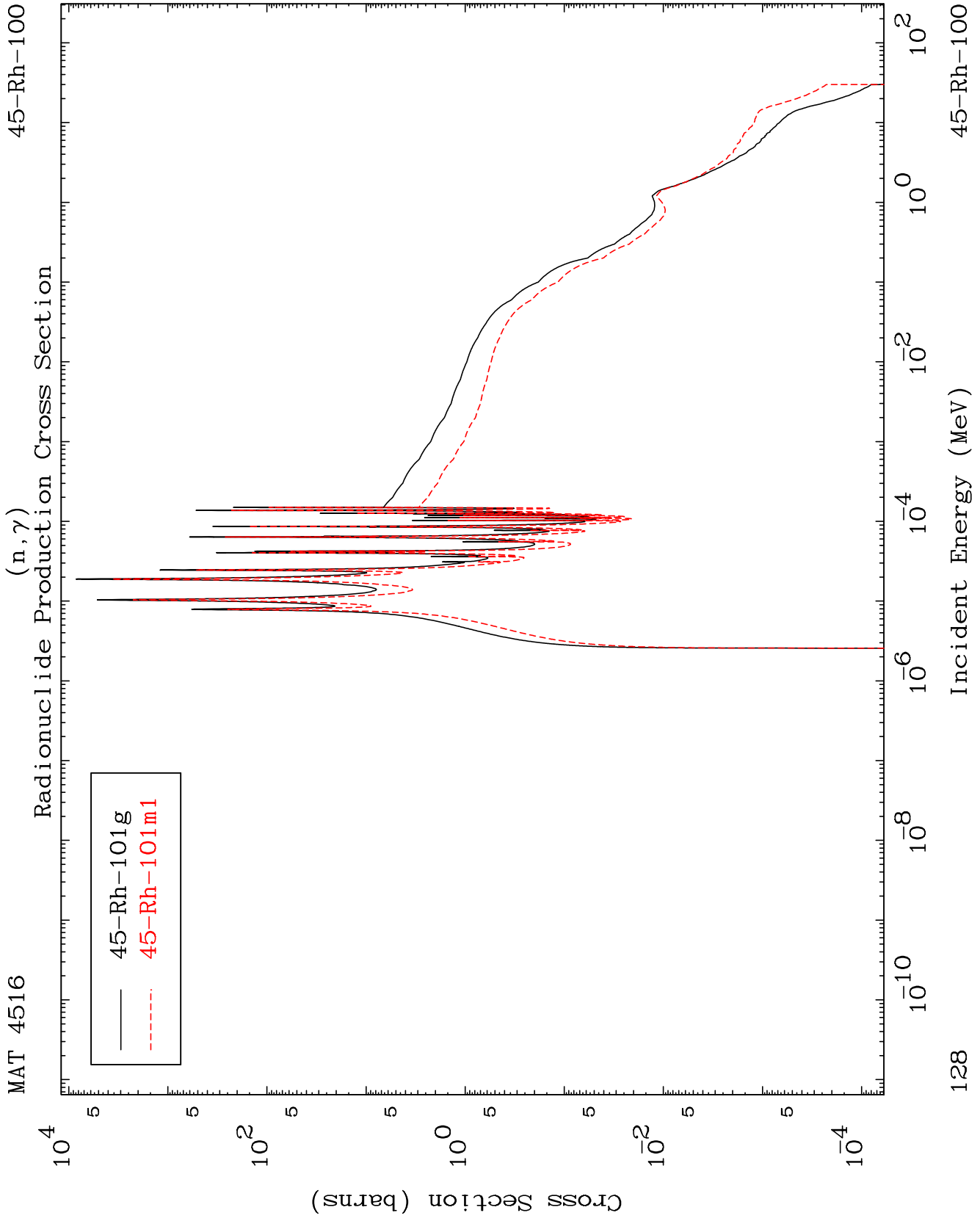
45-Rh-97g  
45-Rh-97m1

127

Incident Energy (MeV)

45-Rh-100

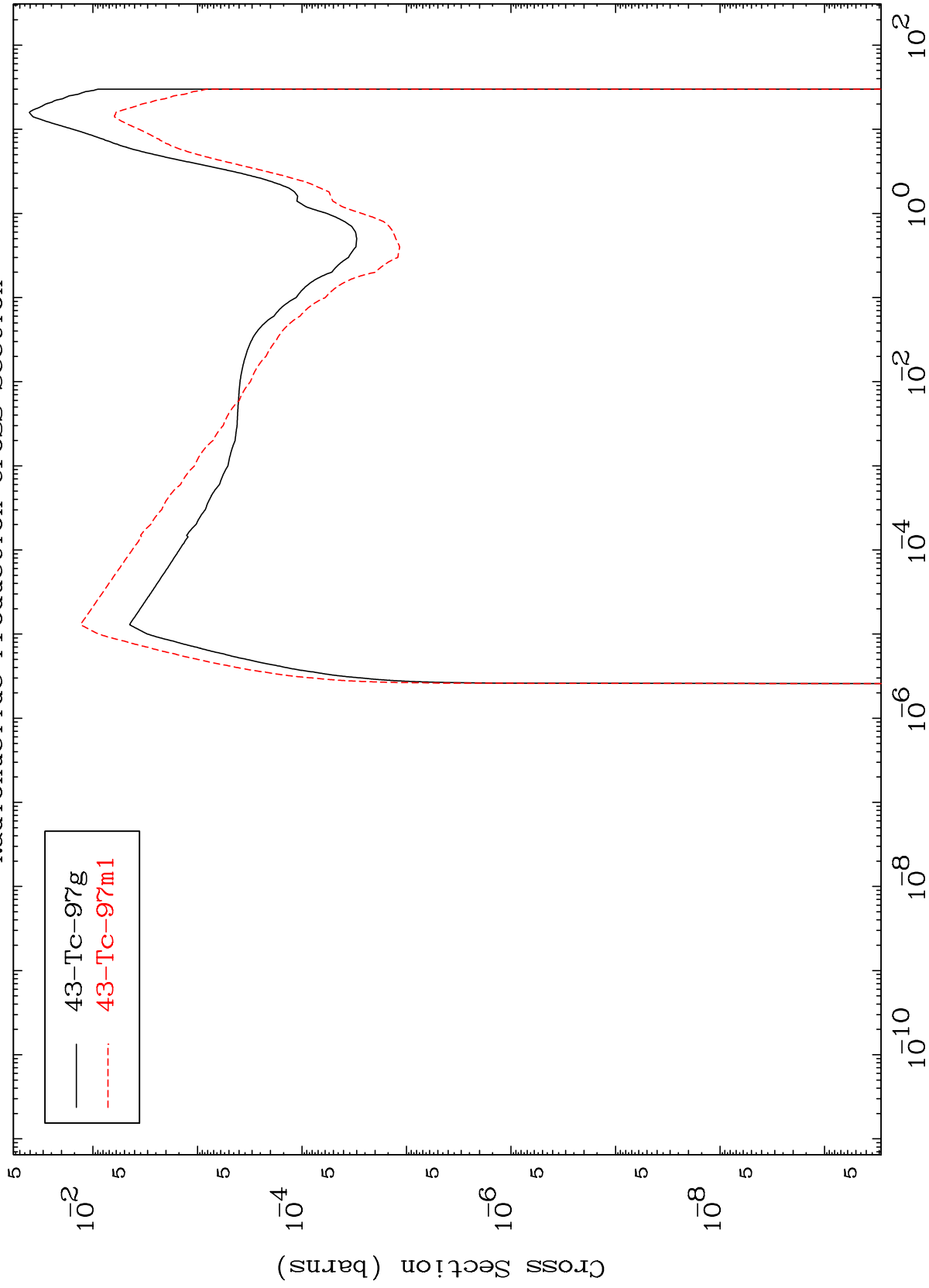




MAT 4516

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

45-Rh-100



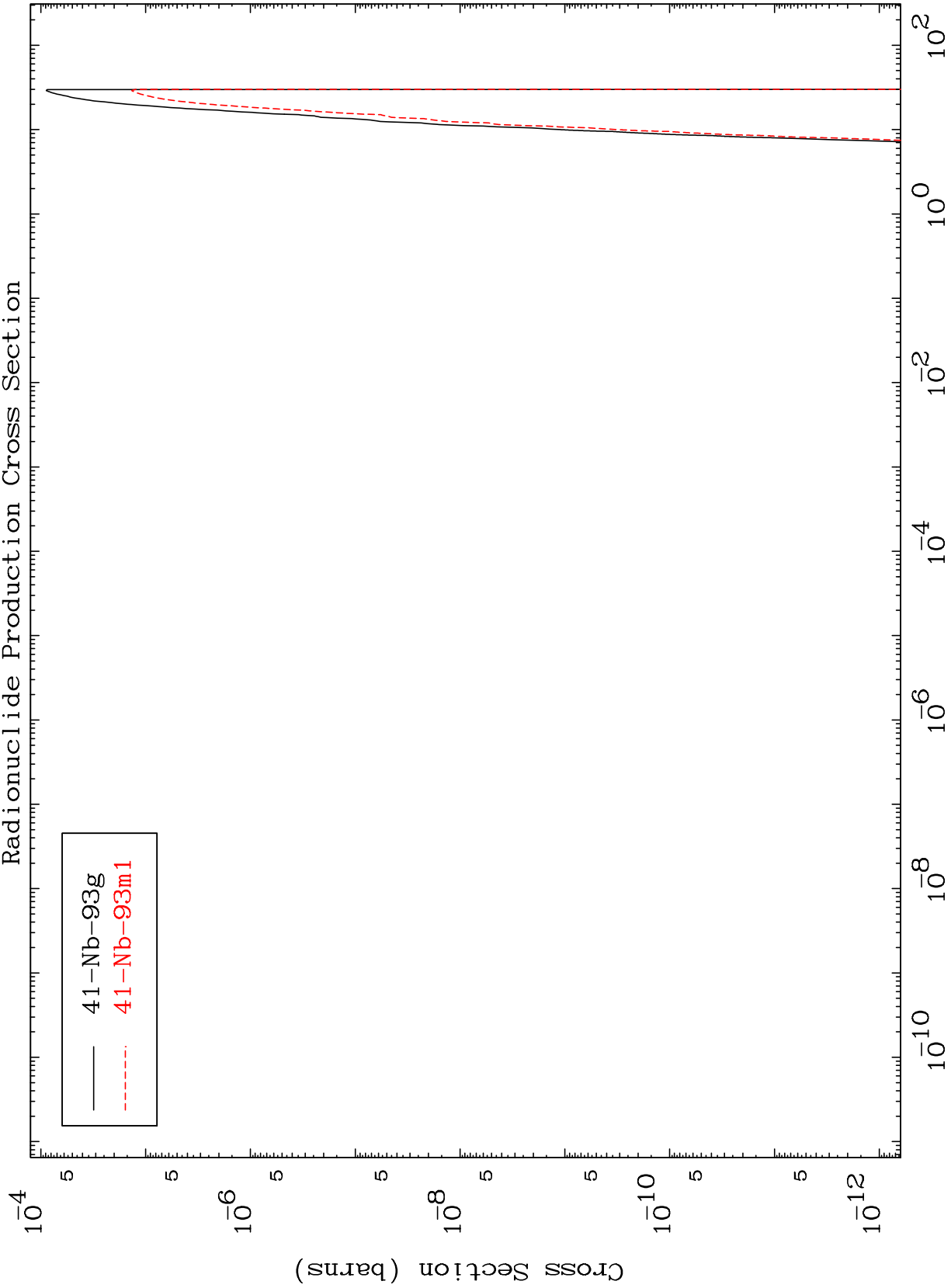
— 43-Tc-97g  
- - - 43-Tc-97m1

MAT 4516

(n,2α)

45-Rh-100

Radionuclide Production Cross Section



130

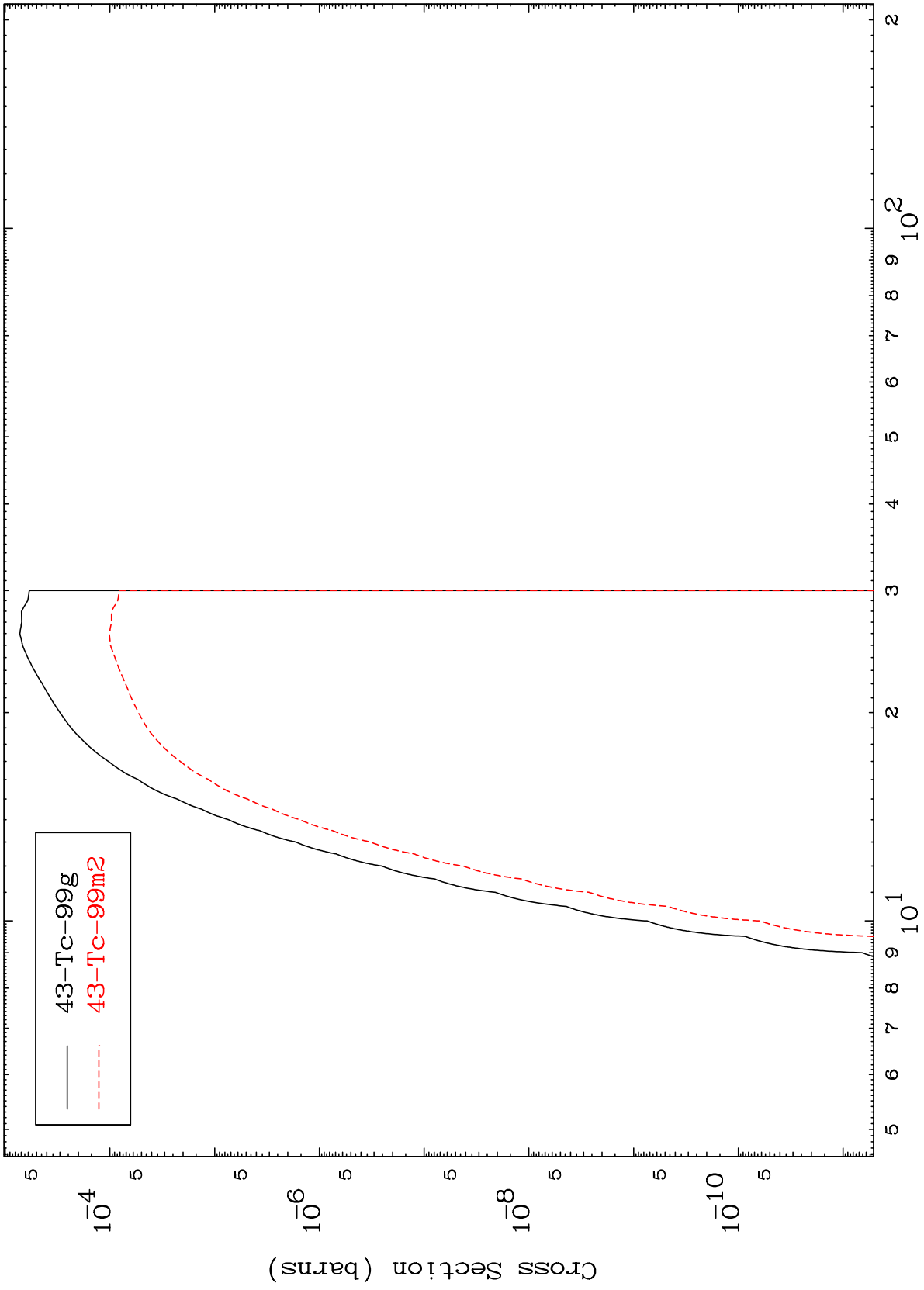
Incident Energy (MeV)

45-Rh-100

MAT 4516

45-Rh-100

Radionuclide Production Cross Section (n,2p)



131

Incident Energy (MeV)

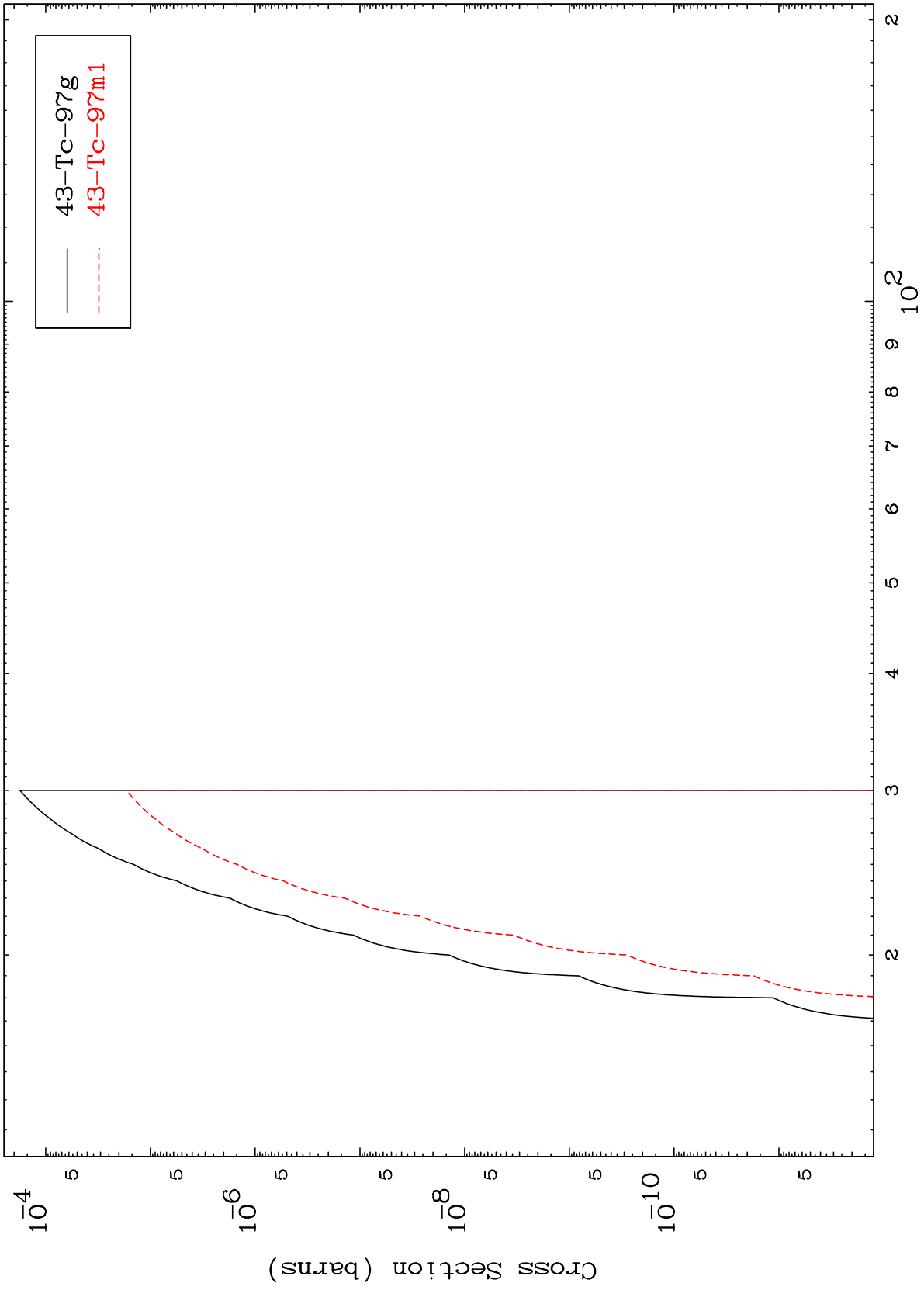
45-Rh-100

MAT 4516

(n,p) t

45-Rh-100

Radionuclide Production Cross Section



132

Incident Energy (MeV)

45-Rh-100