

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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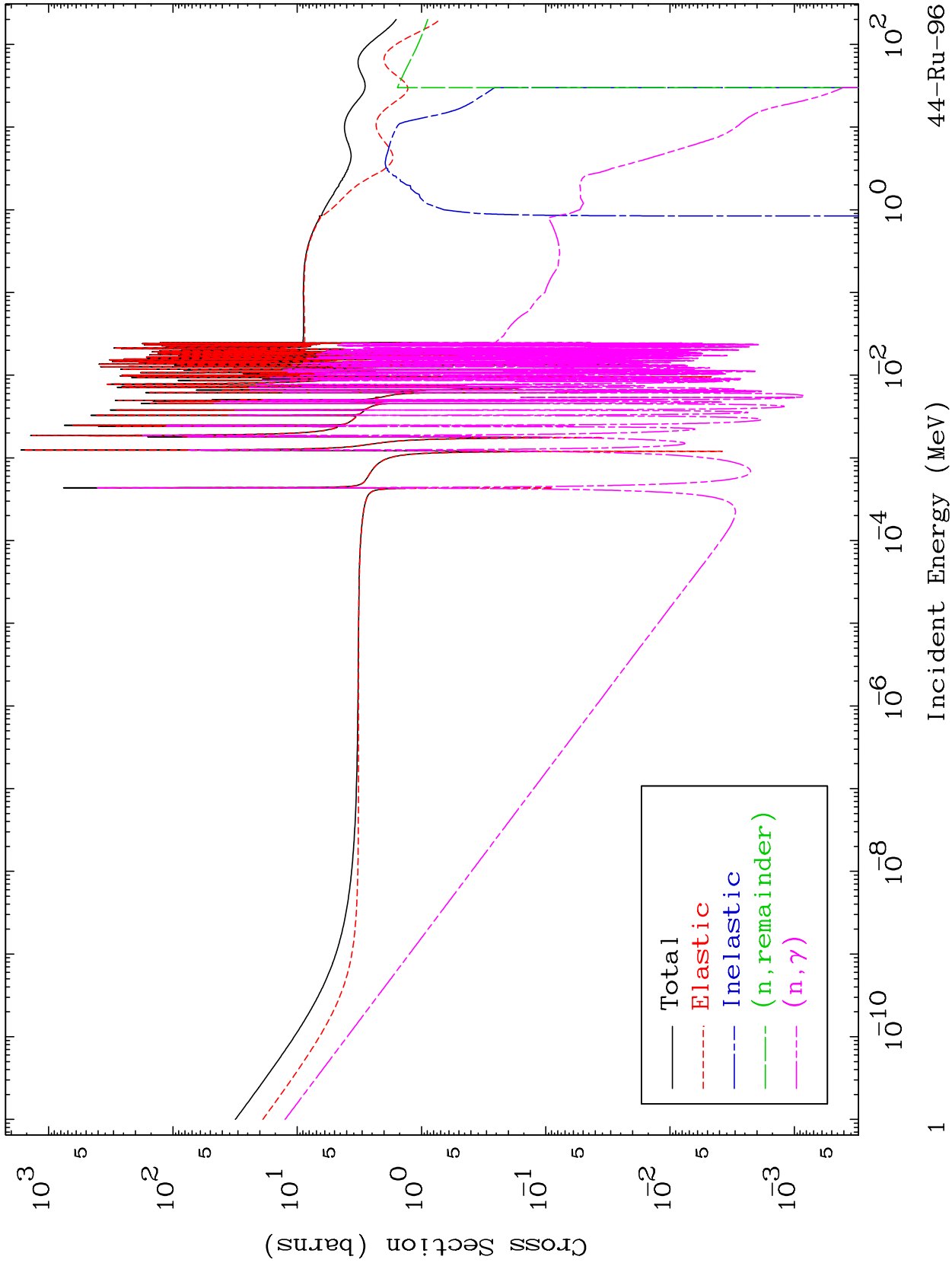
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

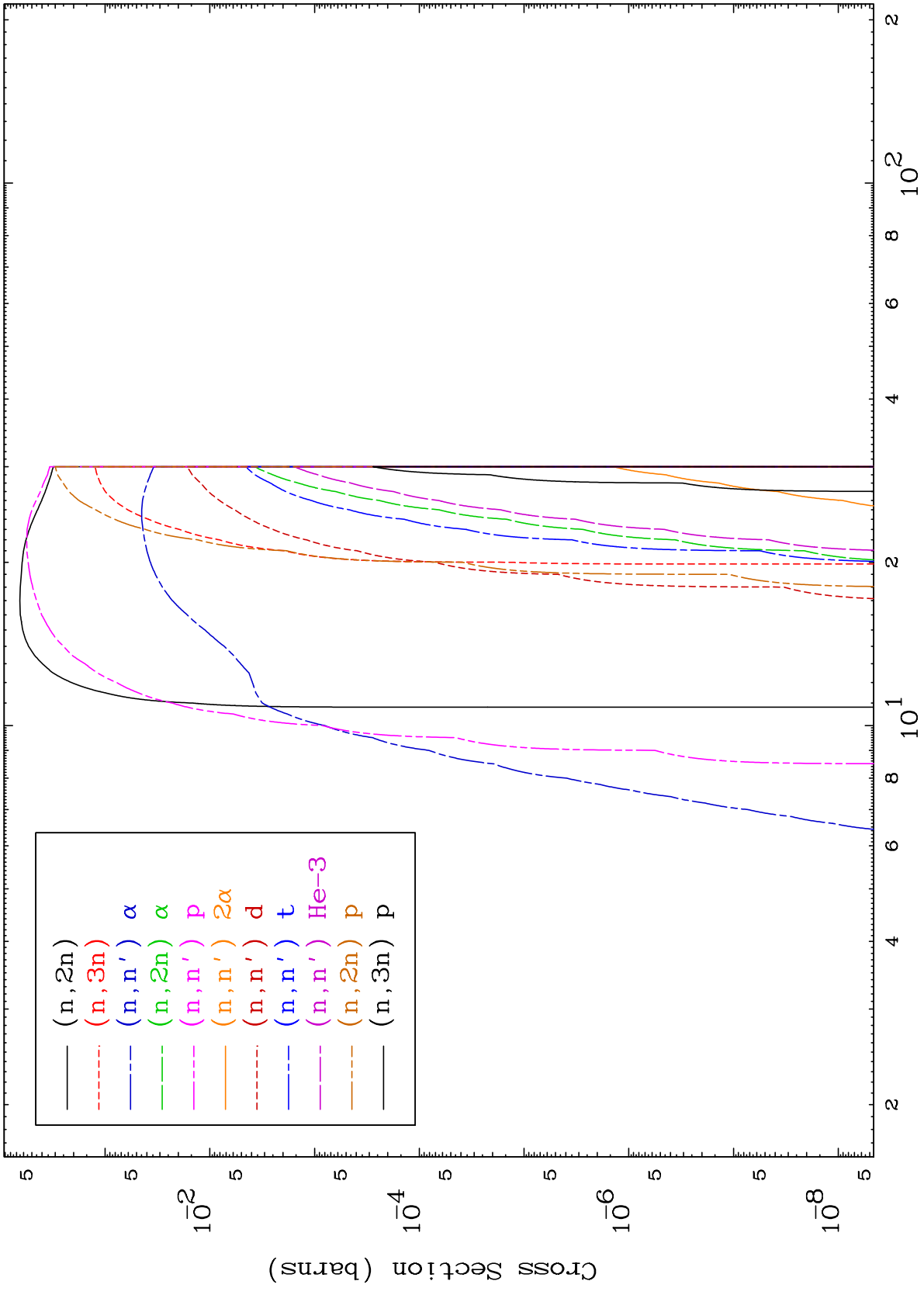
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MAT 4425

Major  
293 Kelvin Cross Sections

44-Ru-96

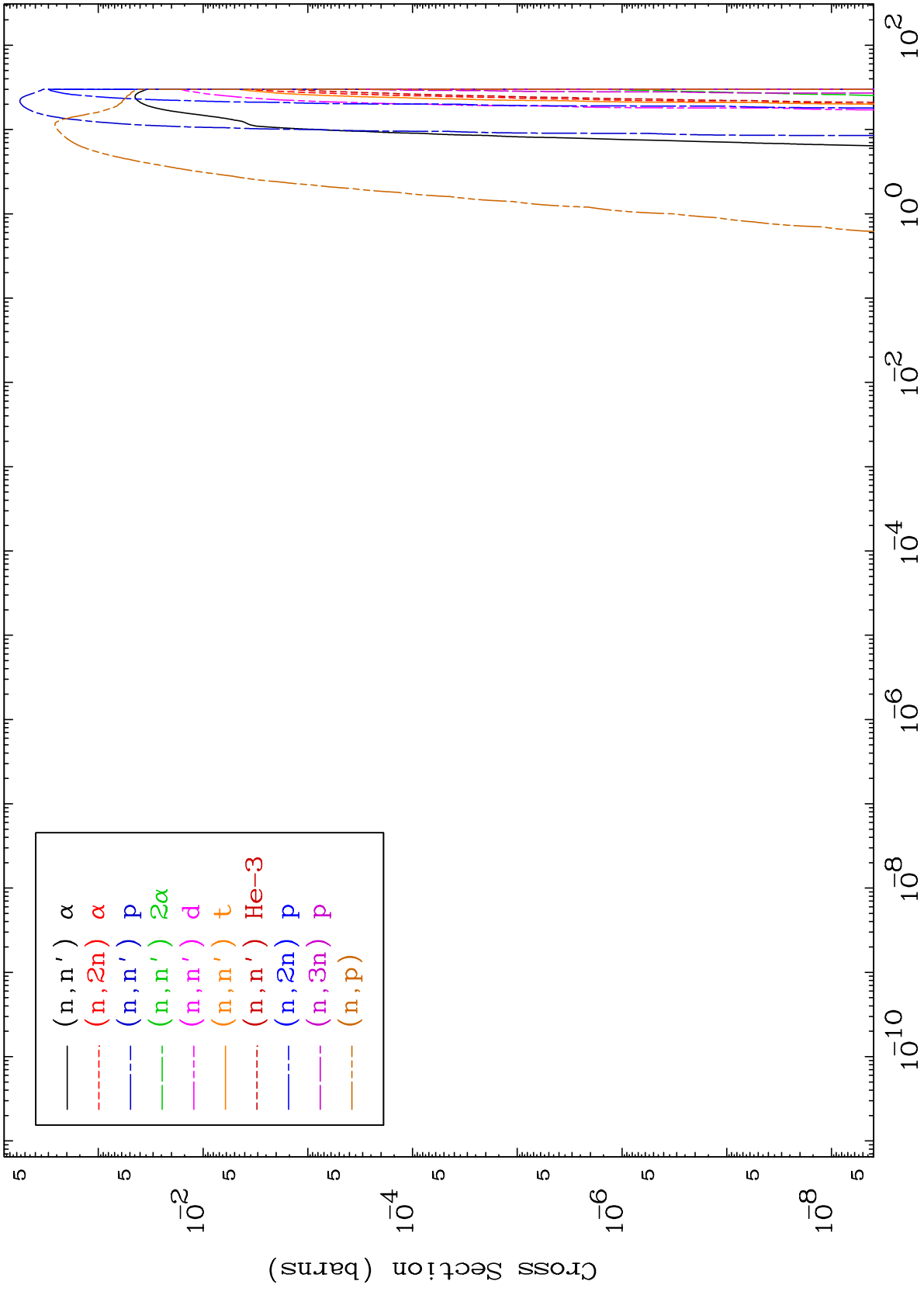




MAT 4425

Charged Particle  
293 Kelvin Cross Sections

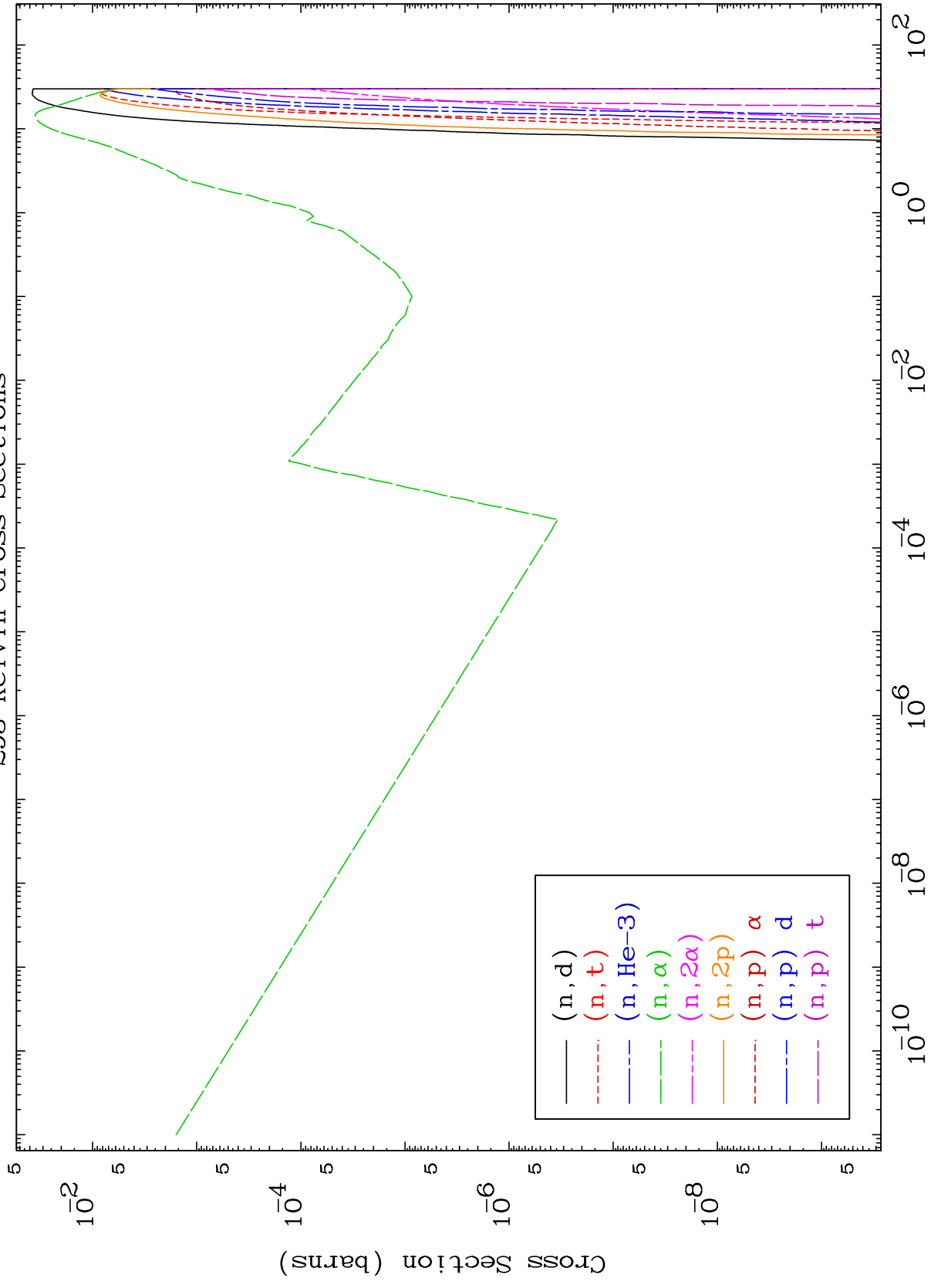
44-Ru-96



MAT 4425

Charged Particle  
293 Kelvin Cross Sections

44-Ru-96

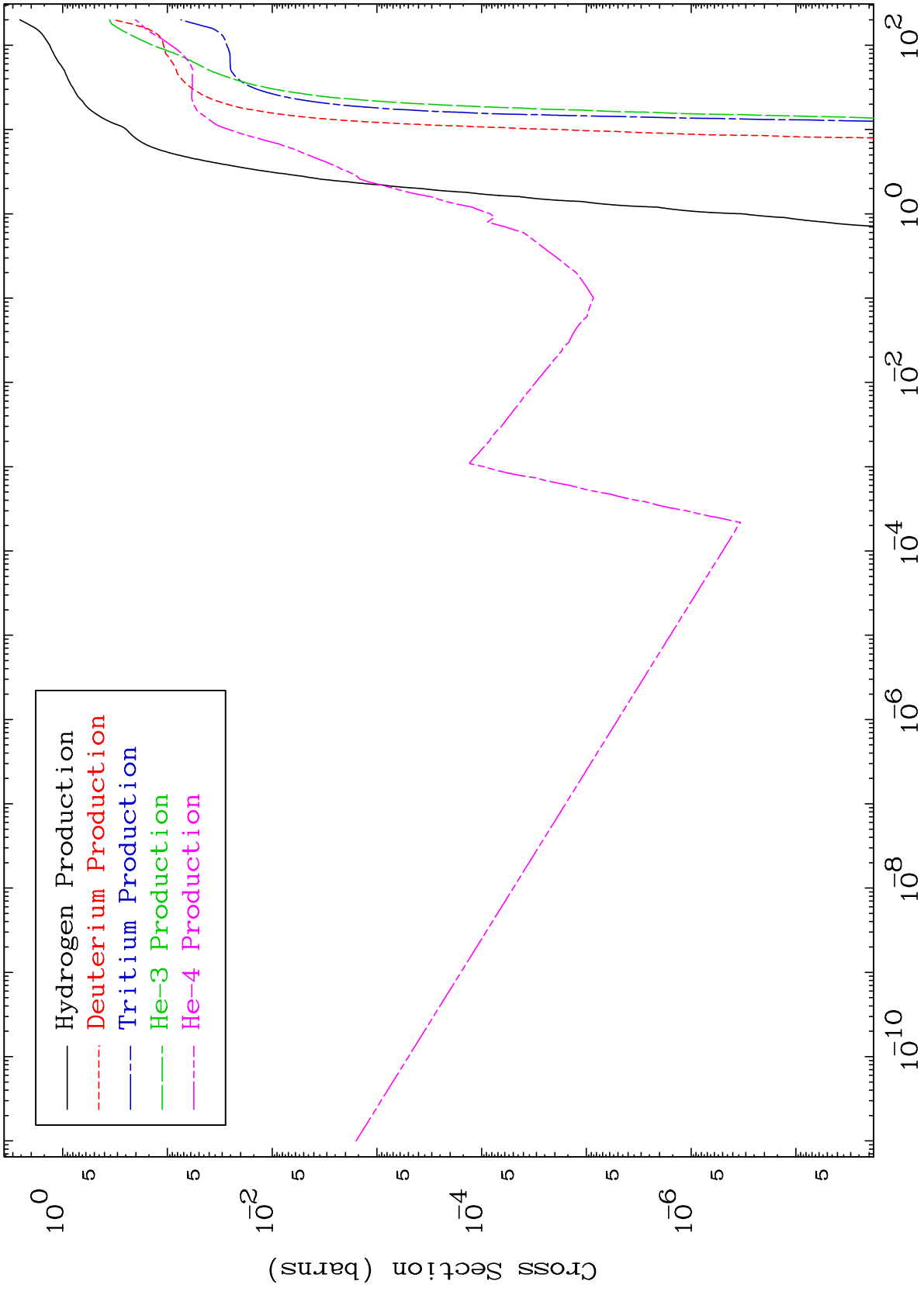


44-Ru-96

MAT 4425

Particle Production  
293 Kelvin Cross Sections

44-Ru-96



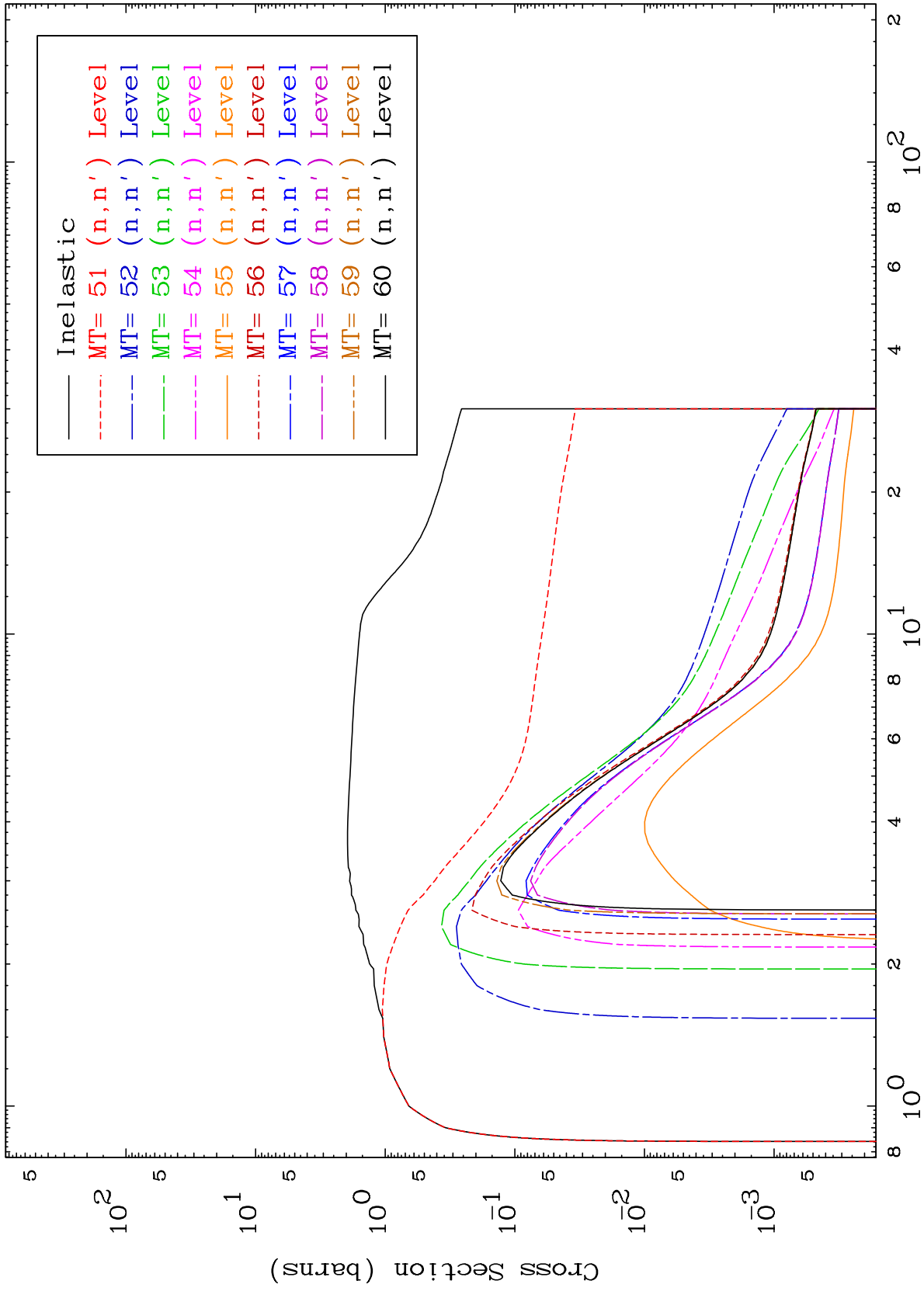
44-Ru-96

MAT 4425

(n,n') Level

44-Ru-96

293 Kelvin Cross Sections



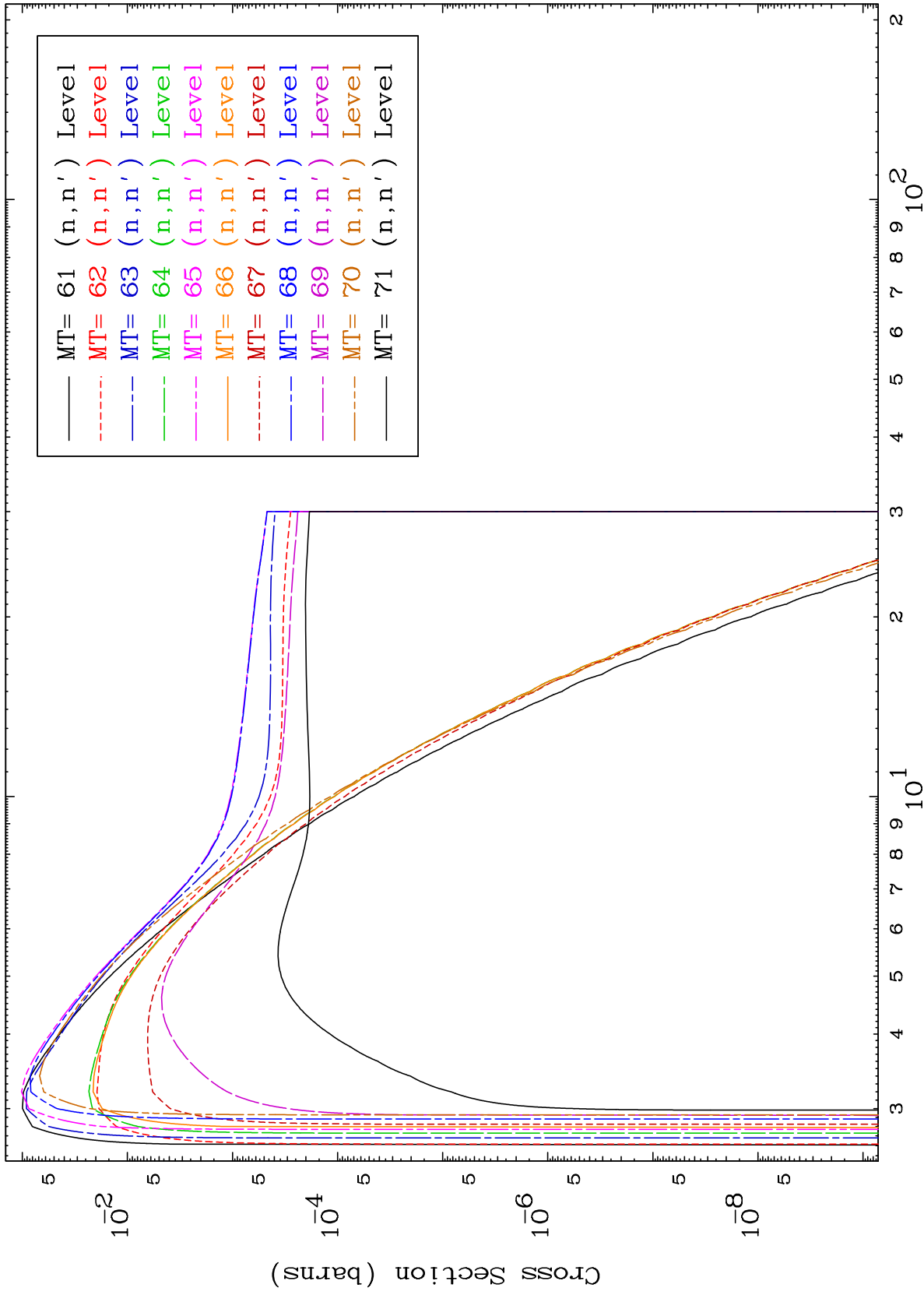
44-Ru-96

MAT 4425

(n,n') Level

44-Ru-96

293 Kelvin Cross Sections



7

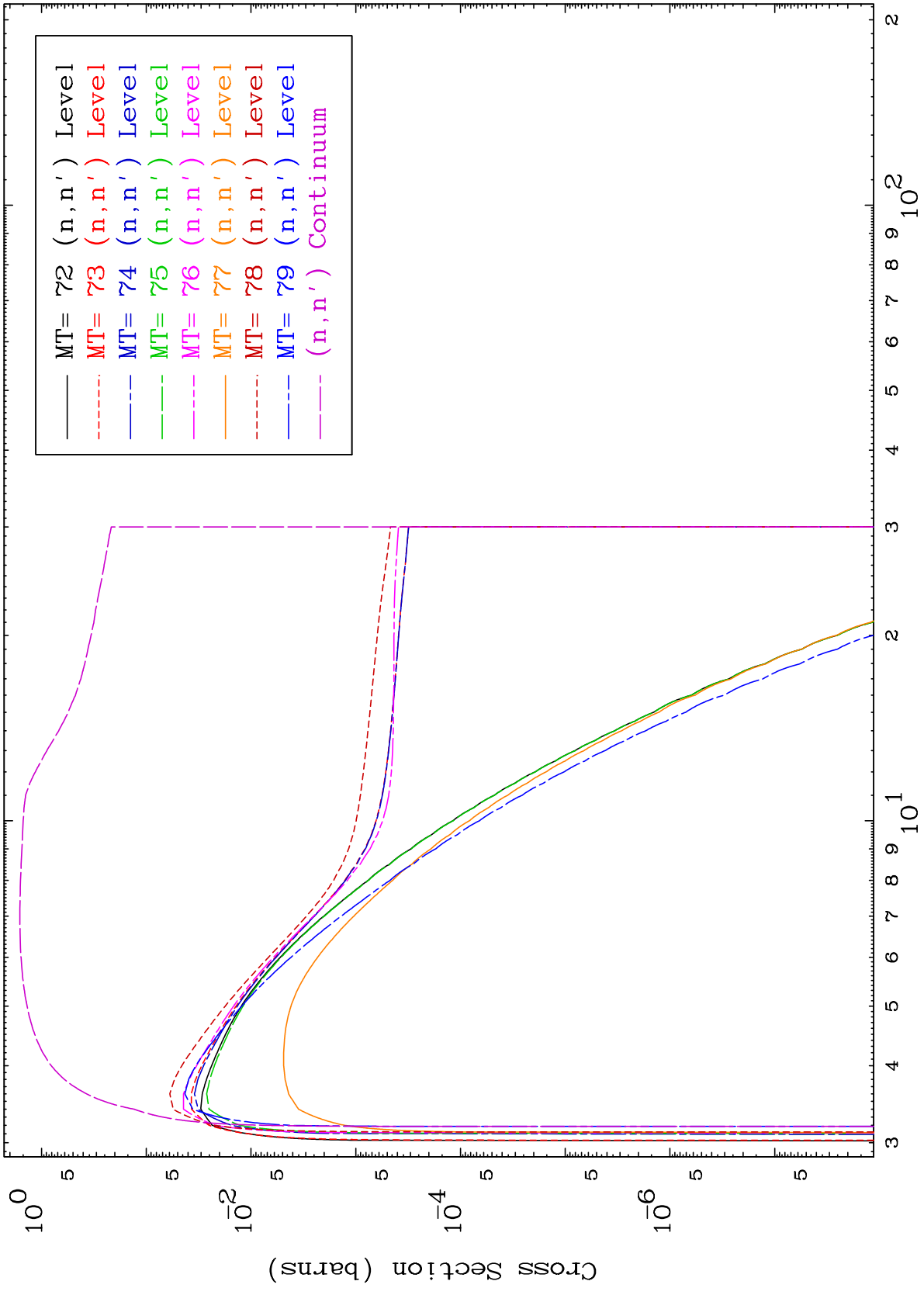
Incident Energy (MeV)

44-Ru-96

MAT 4425

(n,n') Level  
293 Kelvin Cross Sections

44-Ru-96



8

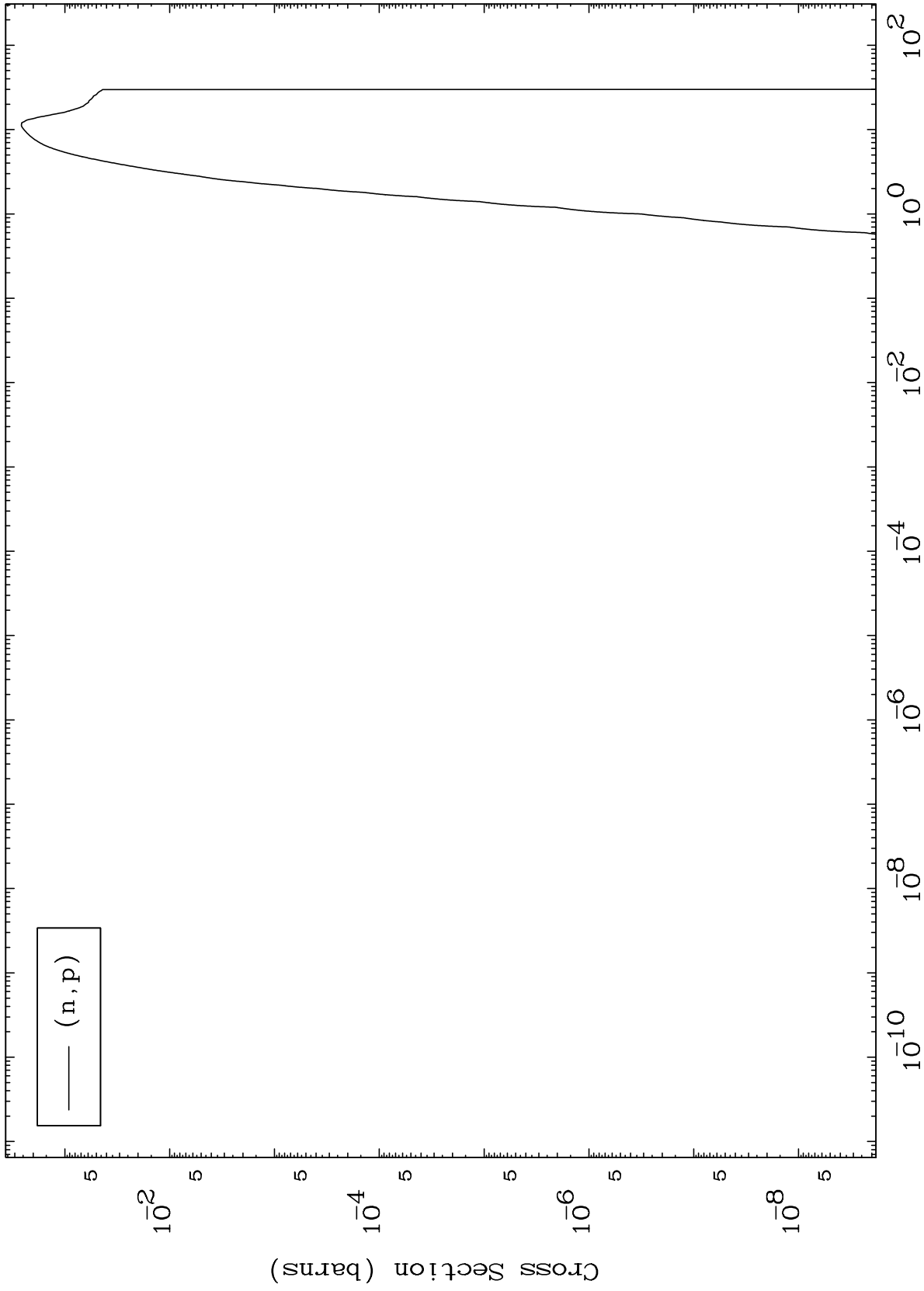
Incident Energy (MeV)

44-Ru-96

MAT 4425

(n,p) Levels  
293 Kelvin Cross Sections

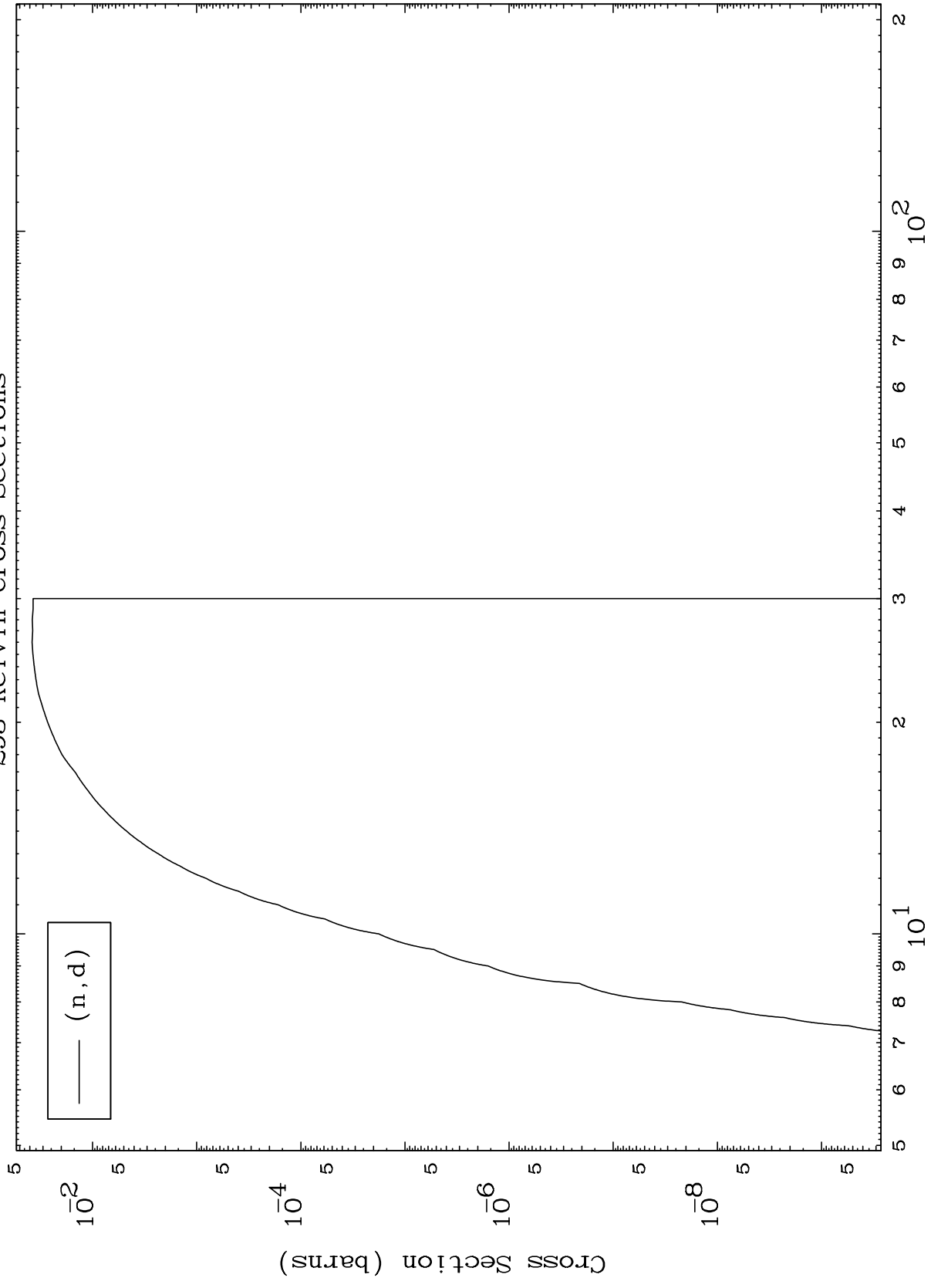
44-Ru-96



MAT 4425

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-96



10

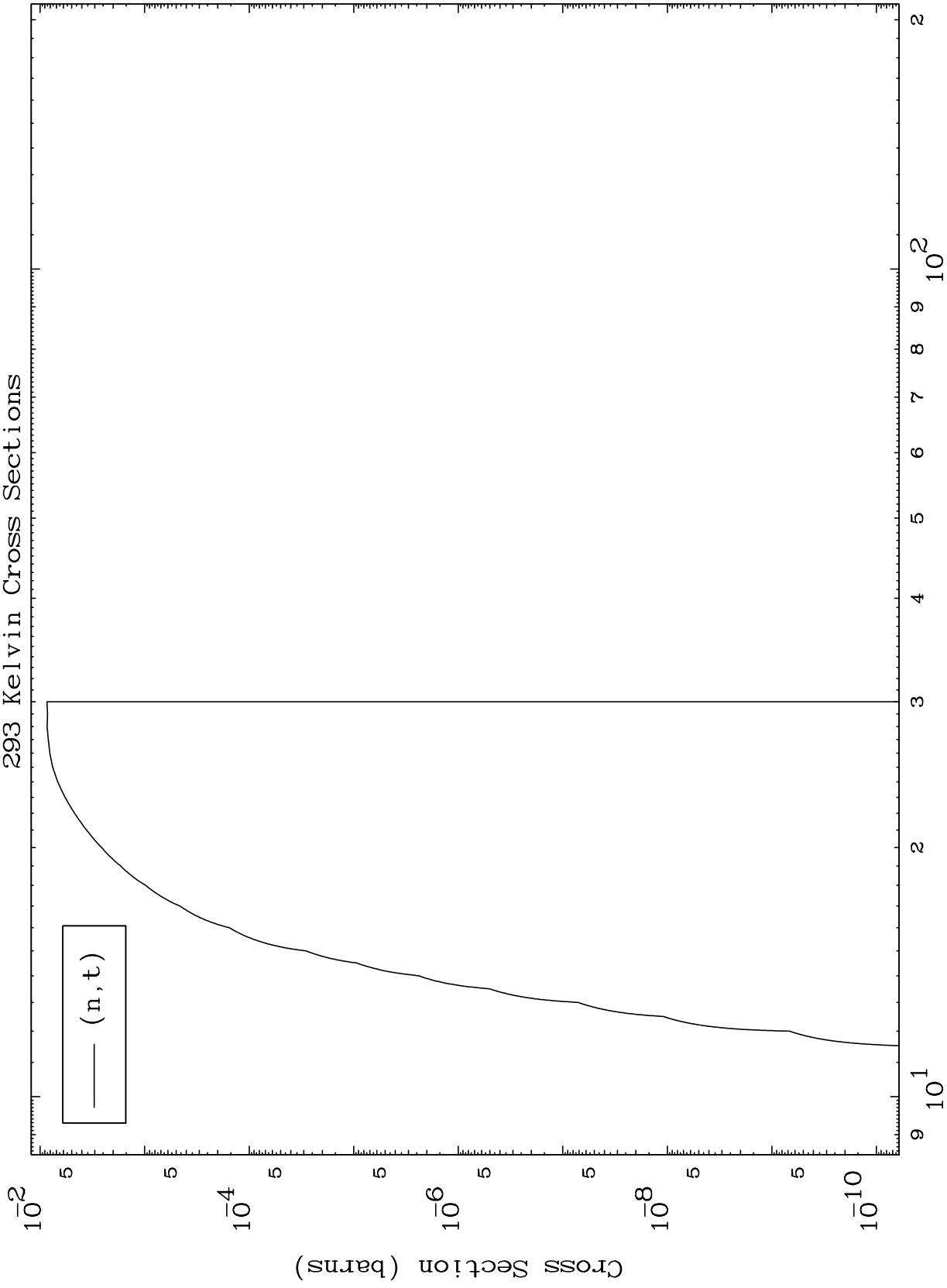
Incident Energy (MeV)

44-Ru-96

MAT 4425

(n,t) Levels  
293 Kelvin Cross Sections

44-Ru-96



11

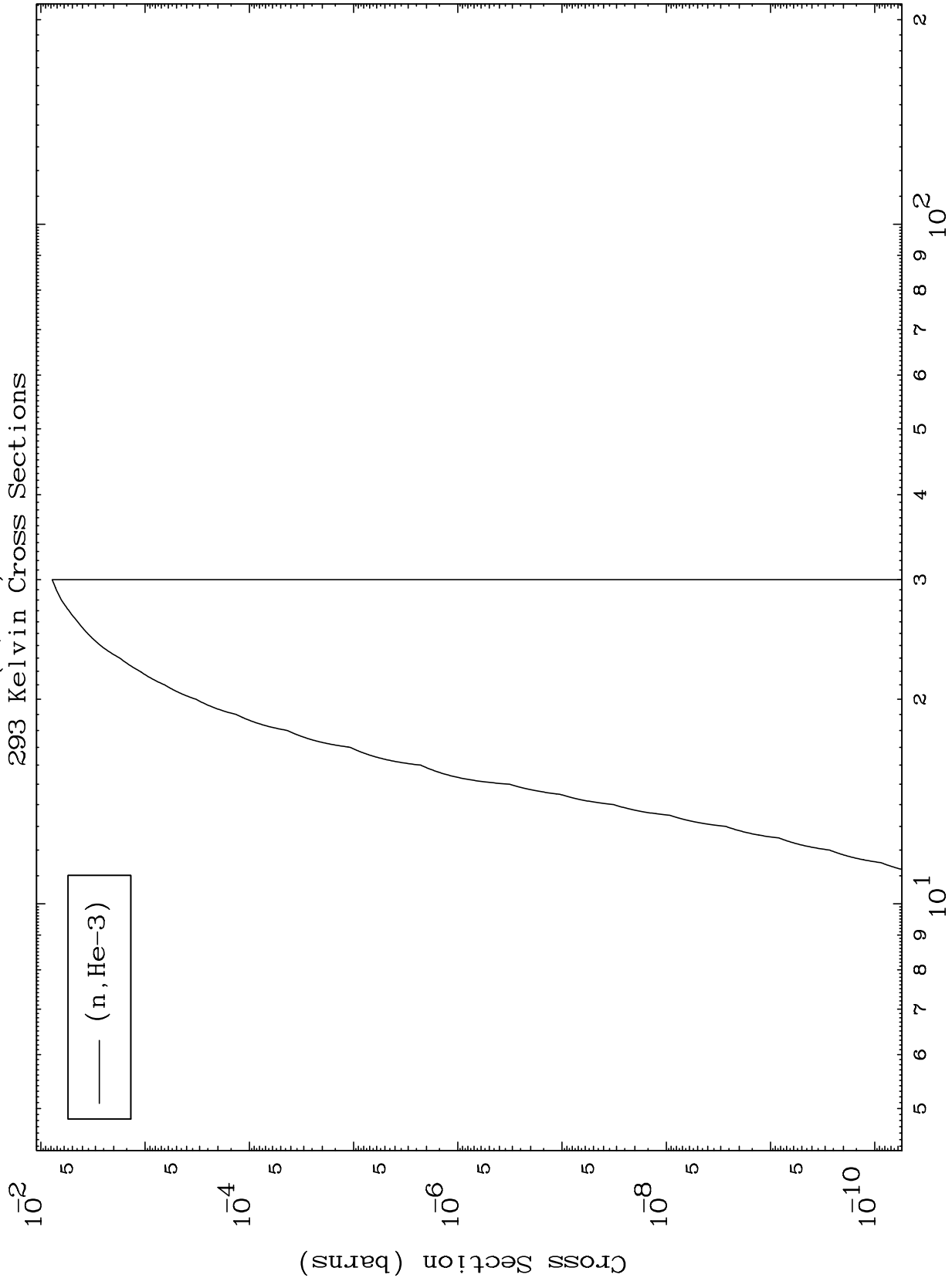
Incident Energy (MeV)

44-Ru-96

MAT 4425

(n,He3) Levels  
293 Kelvin Cross Sections

44-Ru-96



12

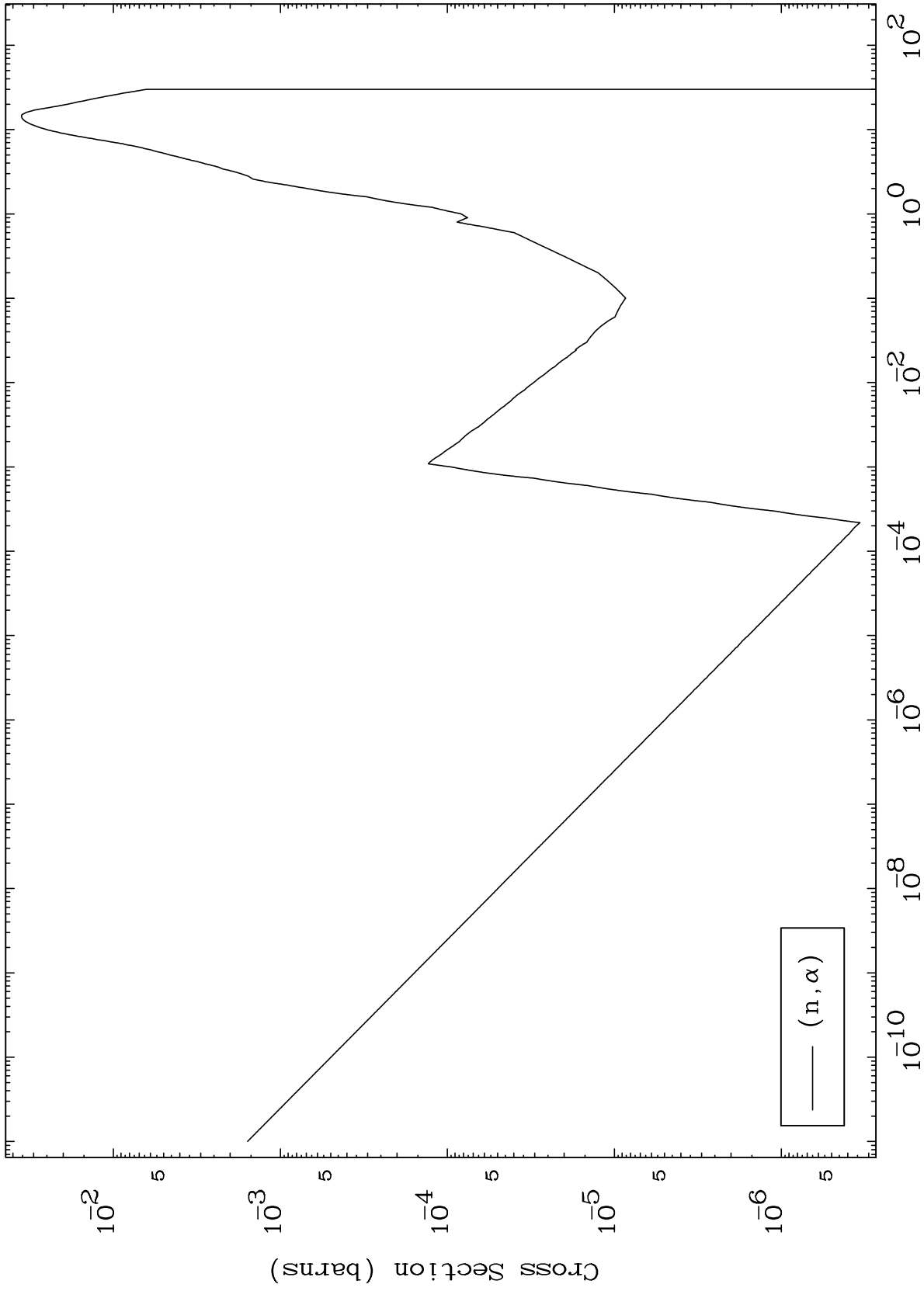
Incident Energy (MeV)

44-Ru-96

MAT 4425

(n,α) Levels  
293 Kelvin Cross Sections

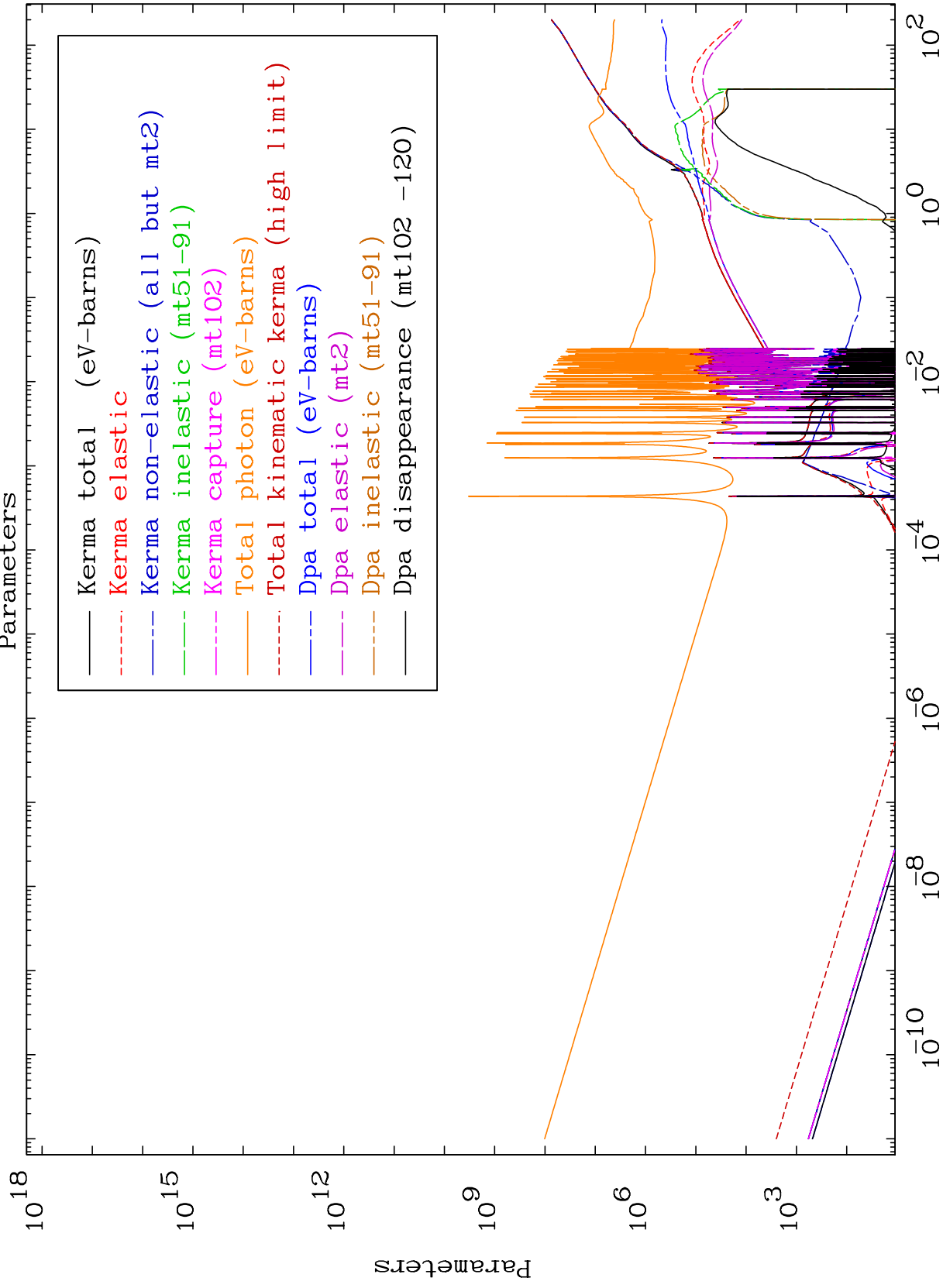
44-Ru-96



13

Incident Energy (MeV)

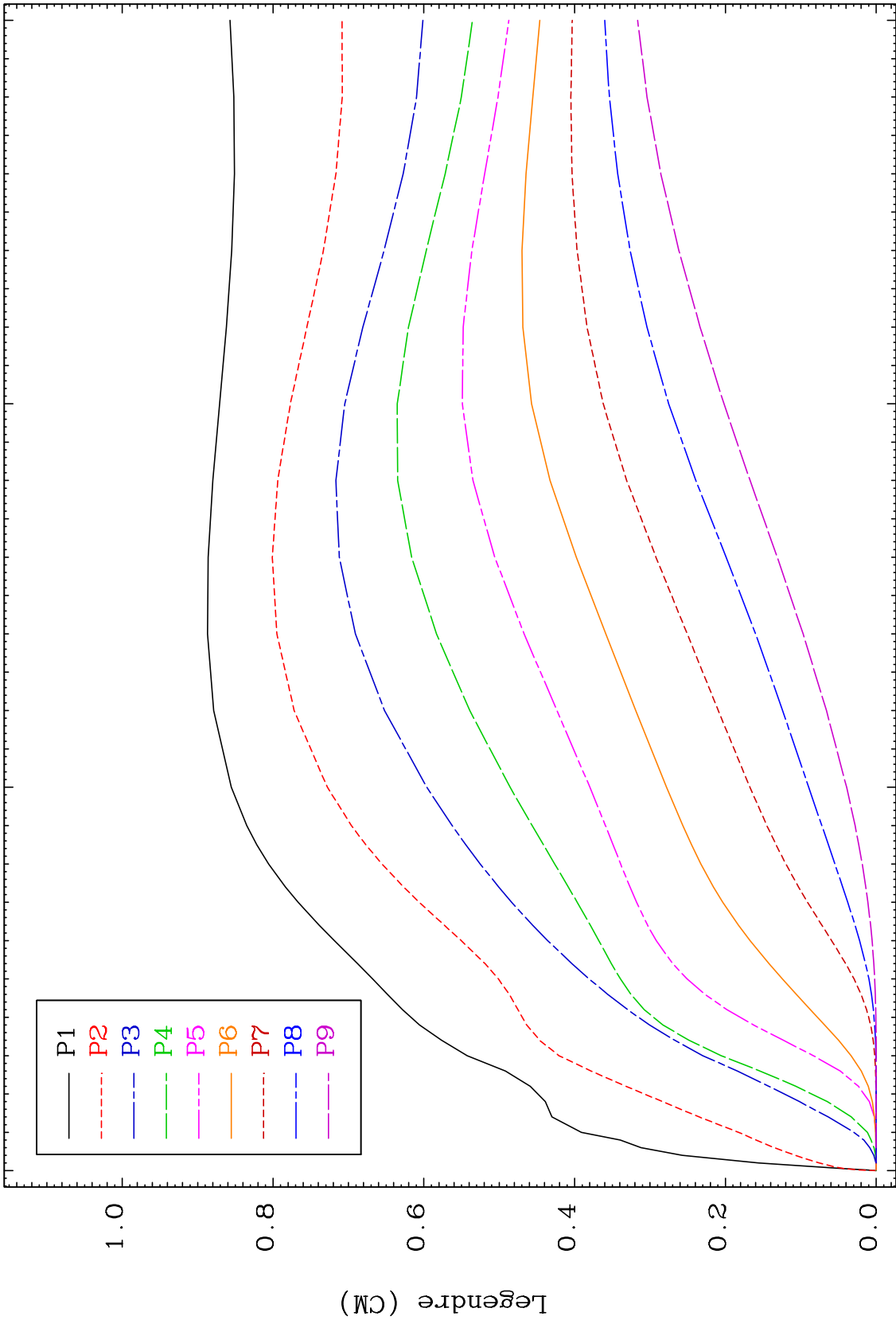
44-Ru-96



MAT 4425

Elastic Legendre Coefficients

44-Ru-96



15

Incident Energy (MeV)

44-Ru-96

30

20

10

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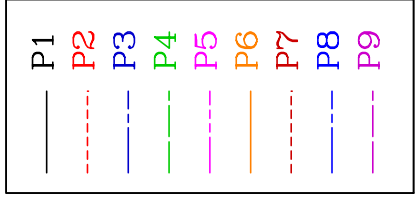
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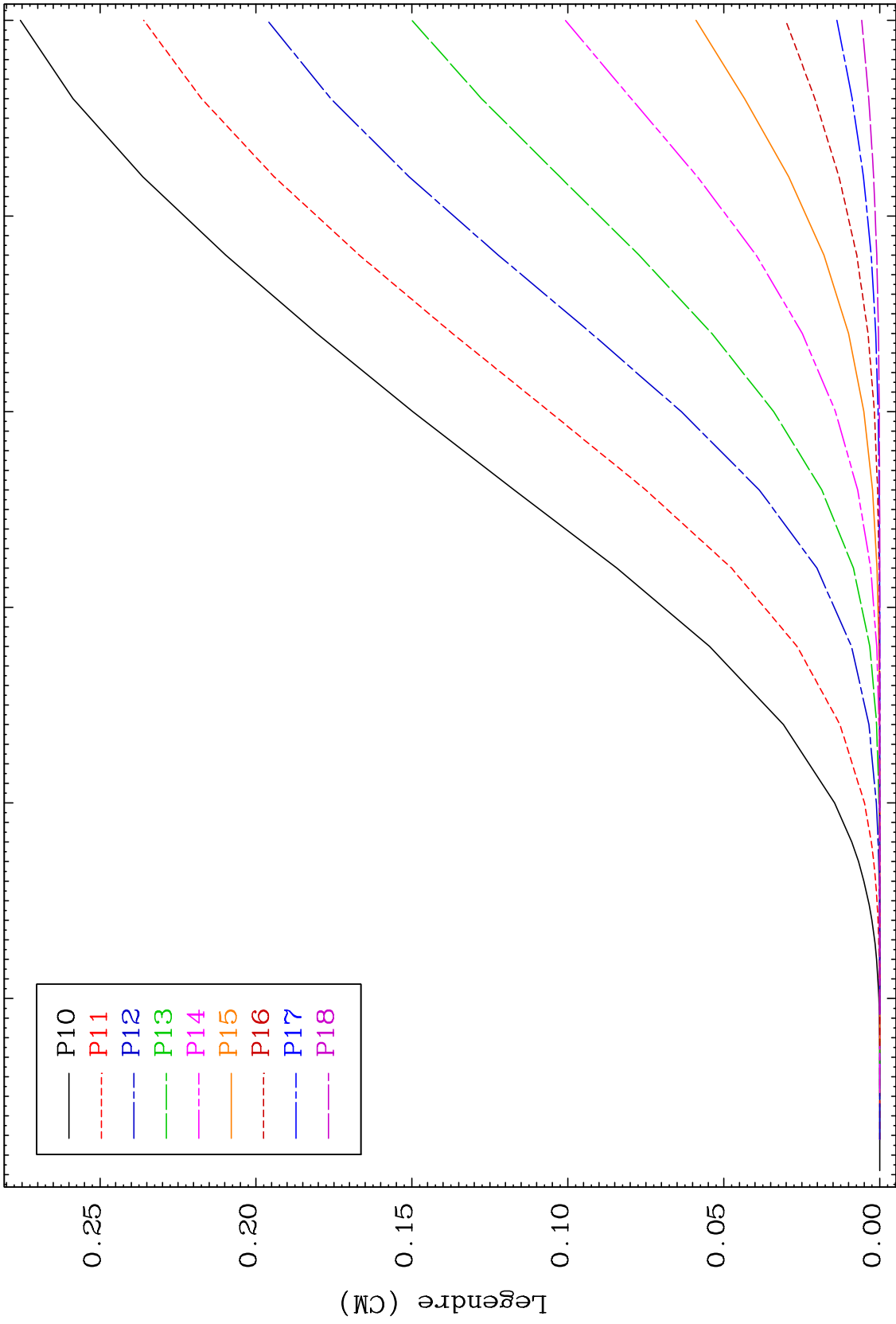
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MAT 4425

Elastic Legendre Coefficients

44-Ru-96



16

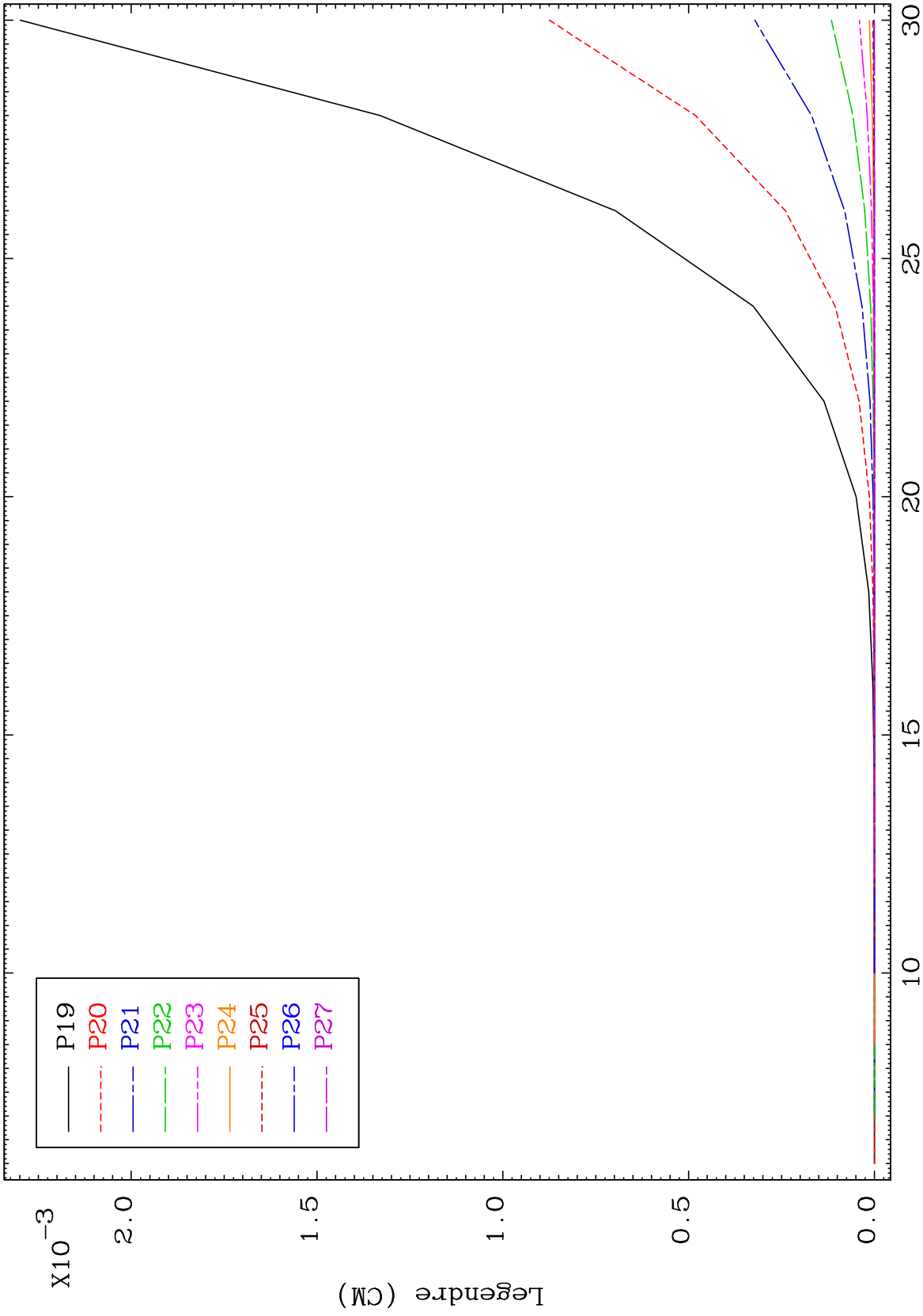
Incident Energy (MeV)

44-Ru-96

MAT 4425

### Elastic Legendre Coefficients

44-Ru-96



17

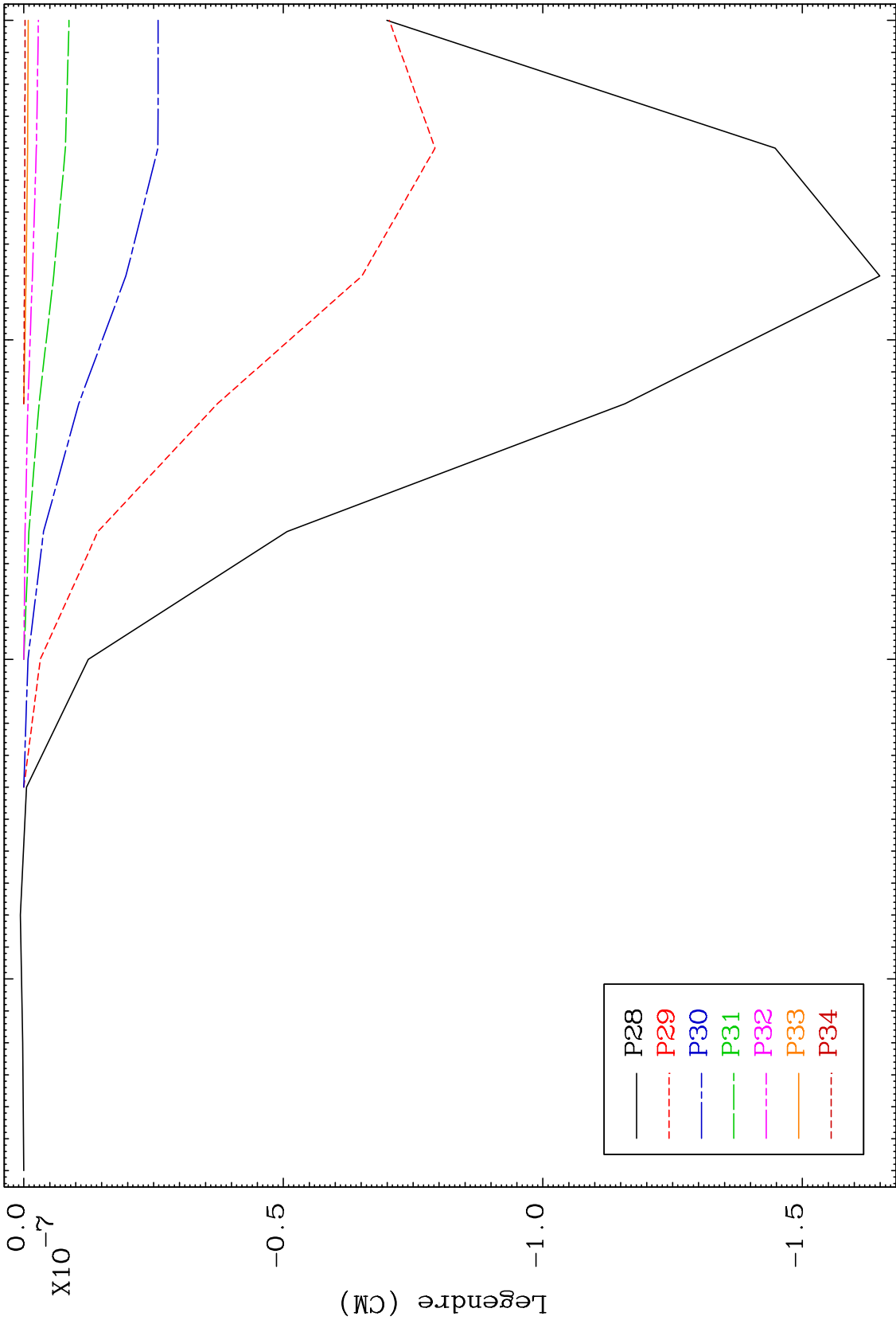
Incident Energy (MeV)

44-Ru-96

MAT 4425

44-Ru-96

Elastic Legendre Coefficients



18

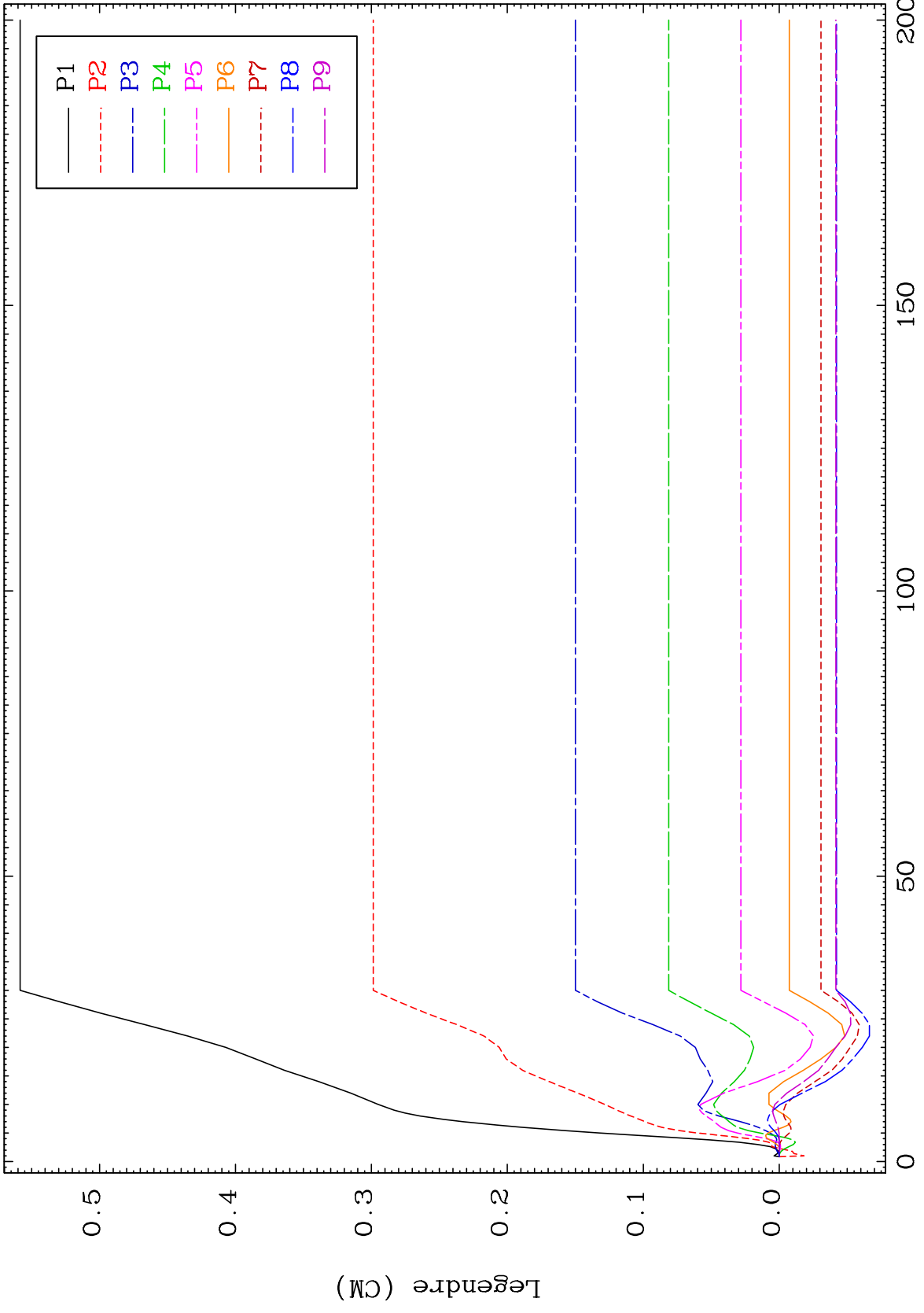
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



19

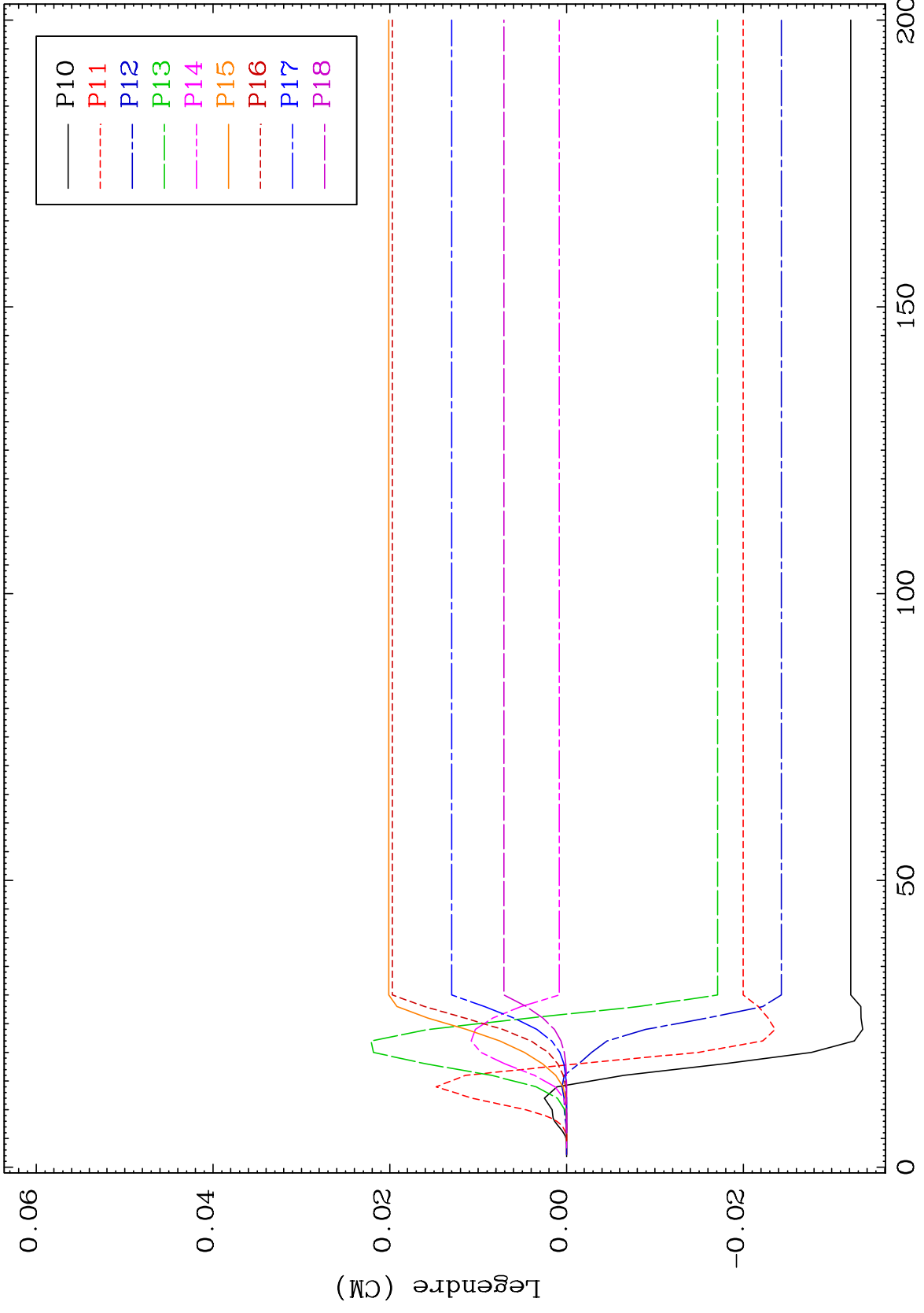
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



20

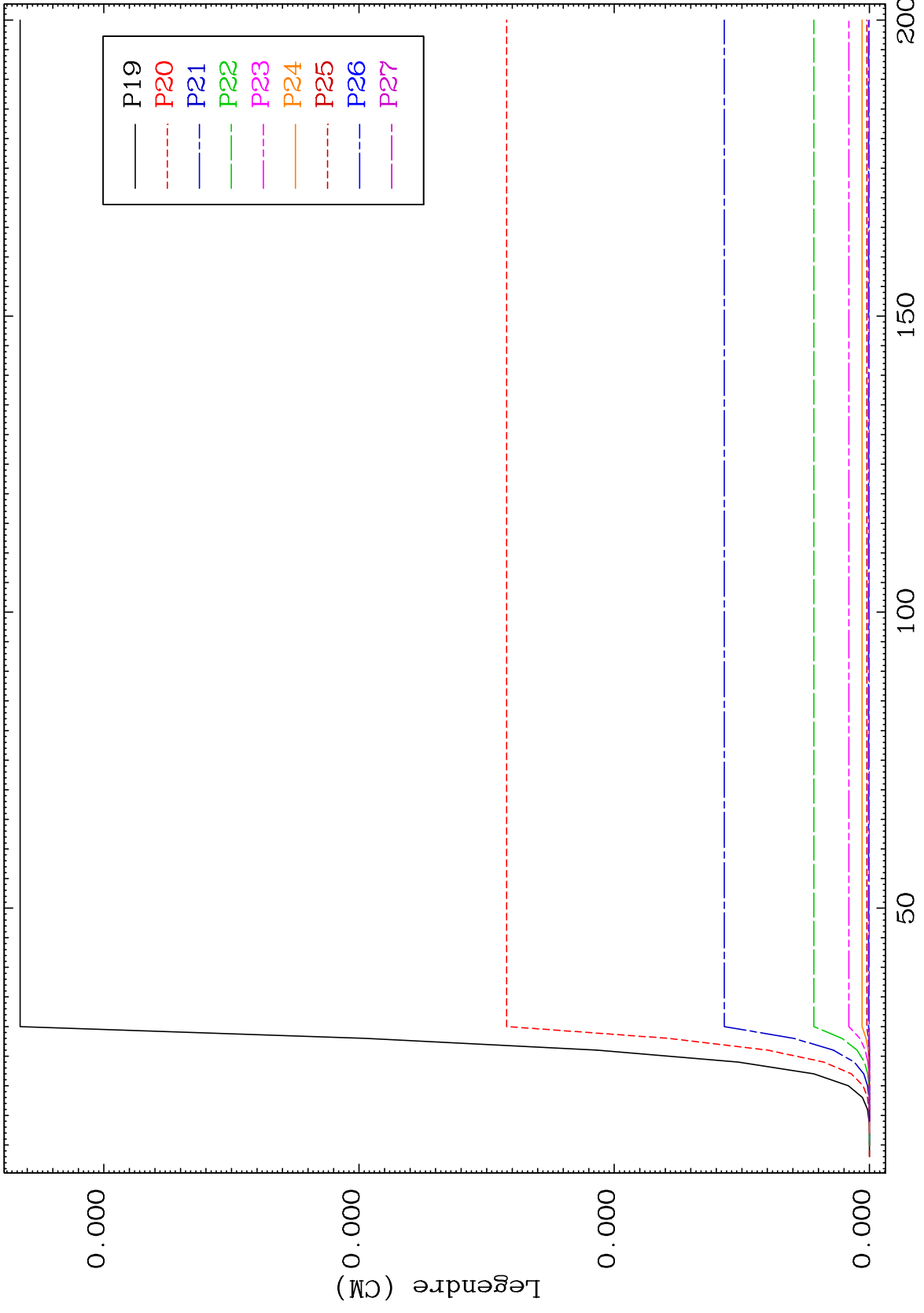
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



21

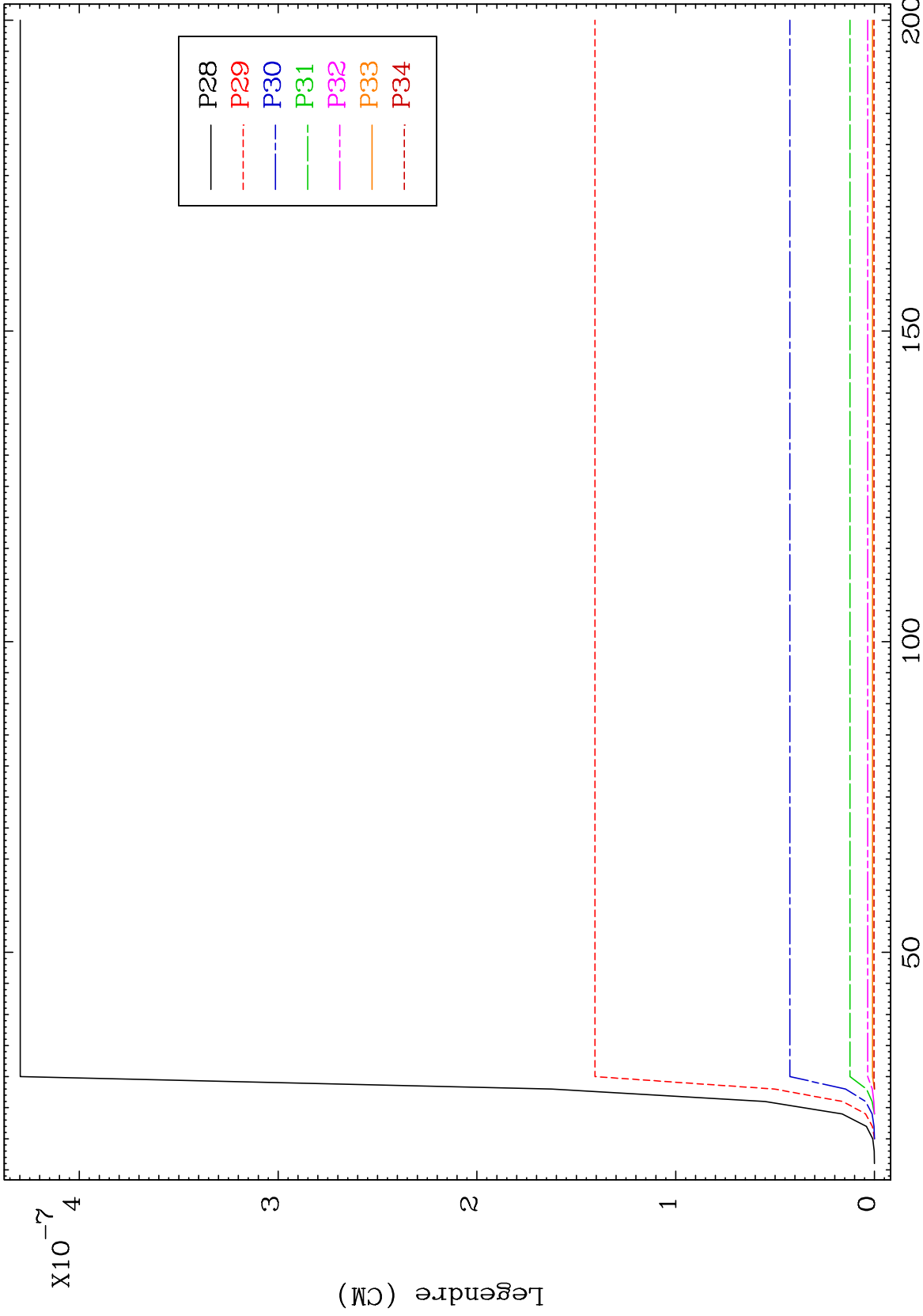
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



22

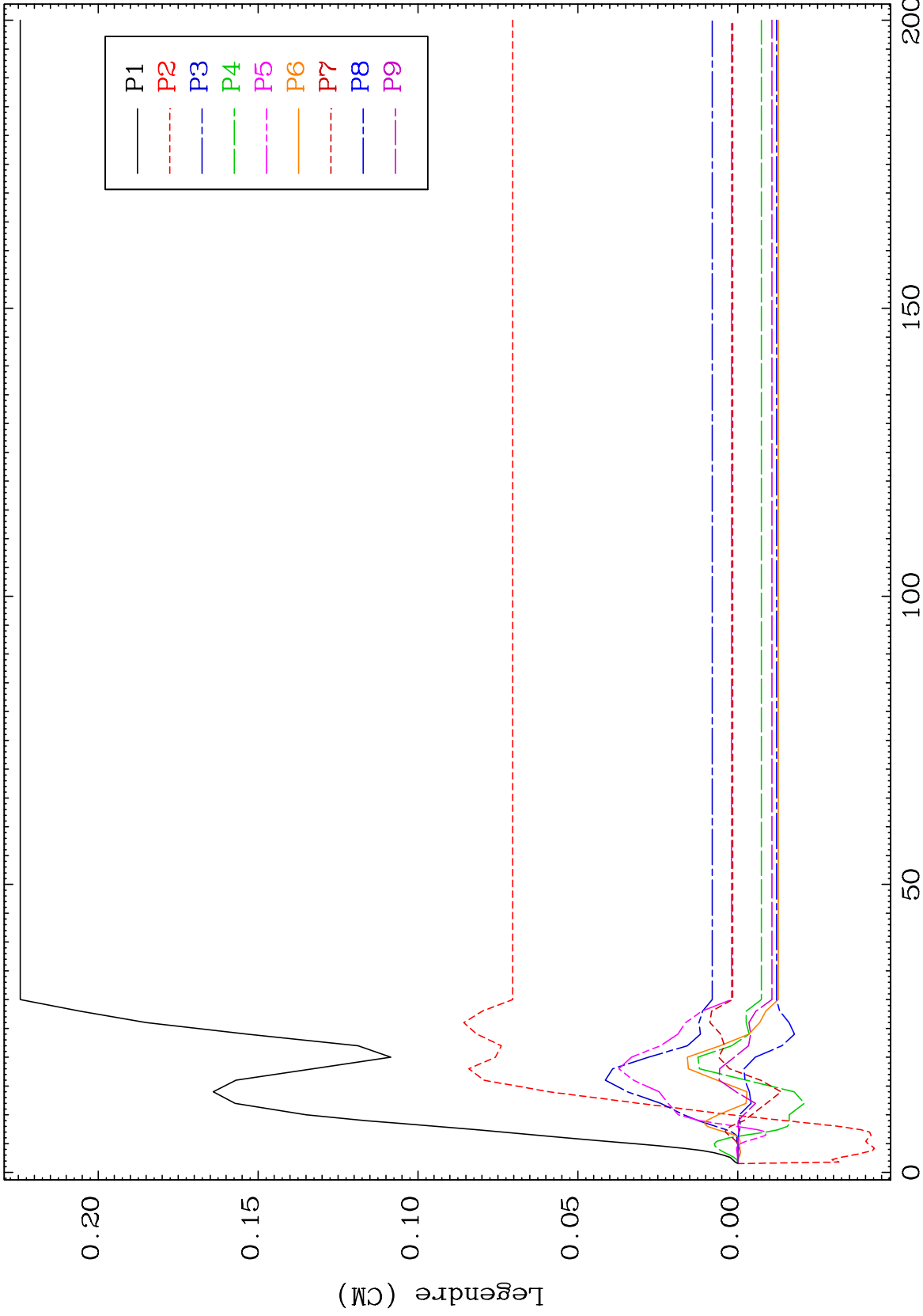
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



23

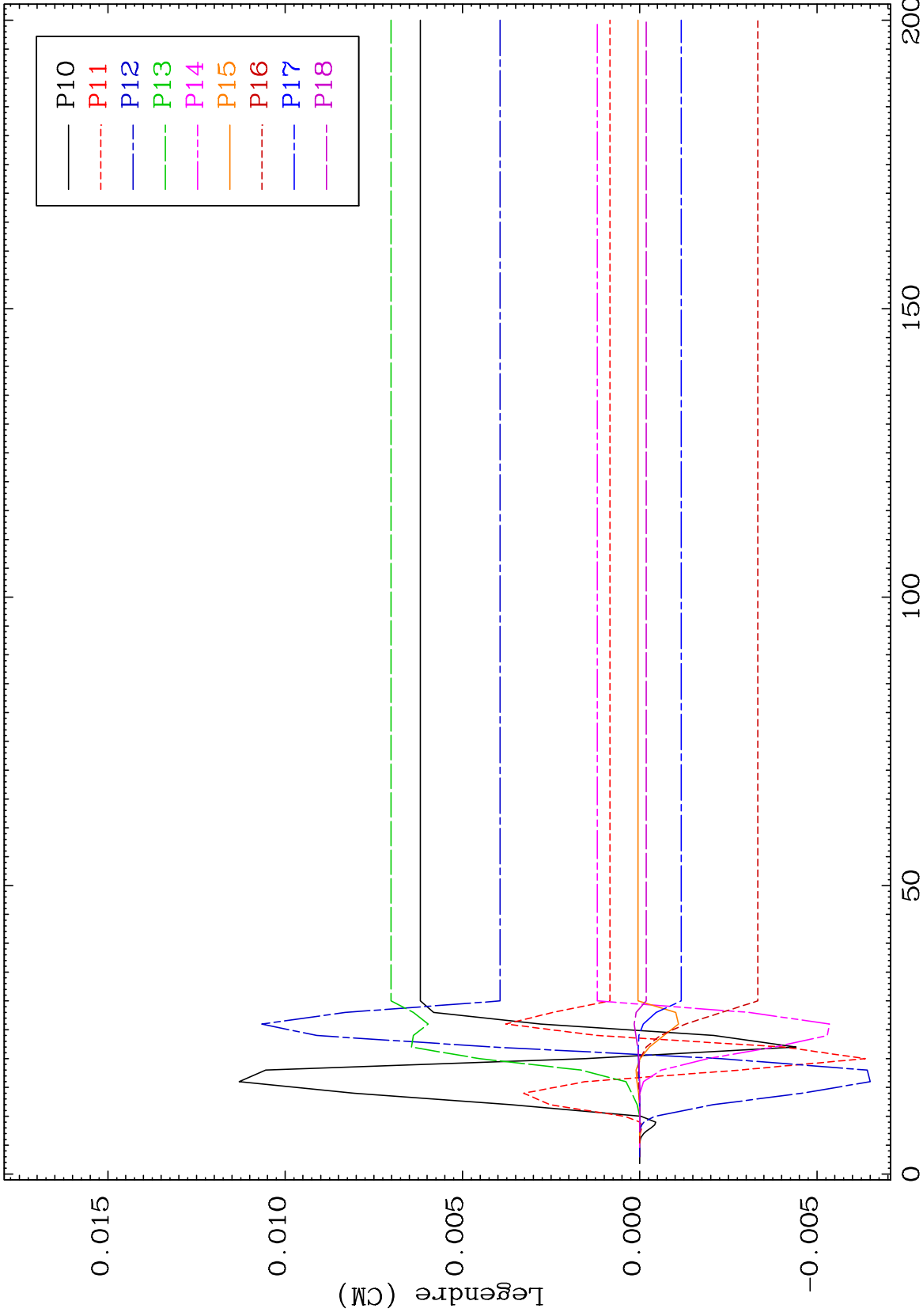
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



24

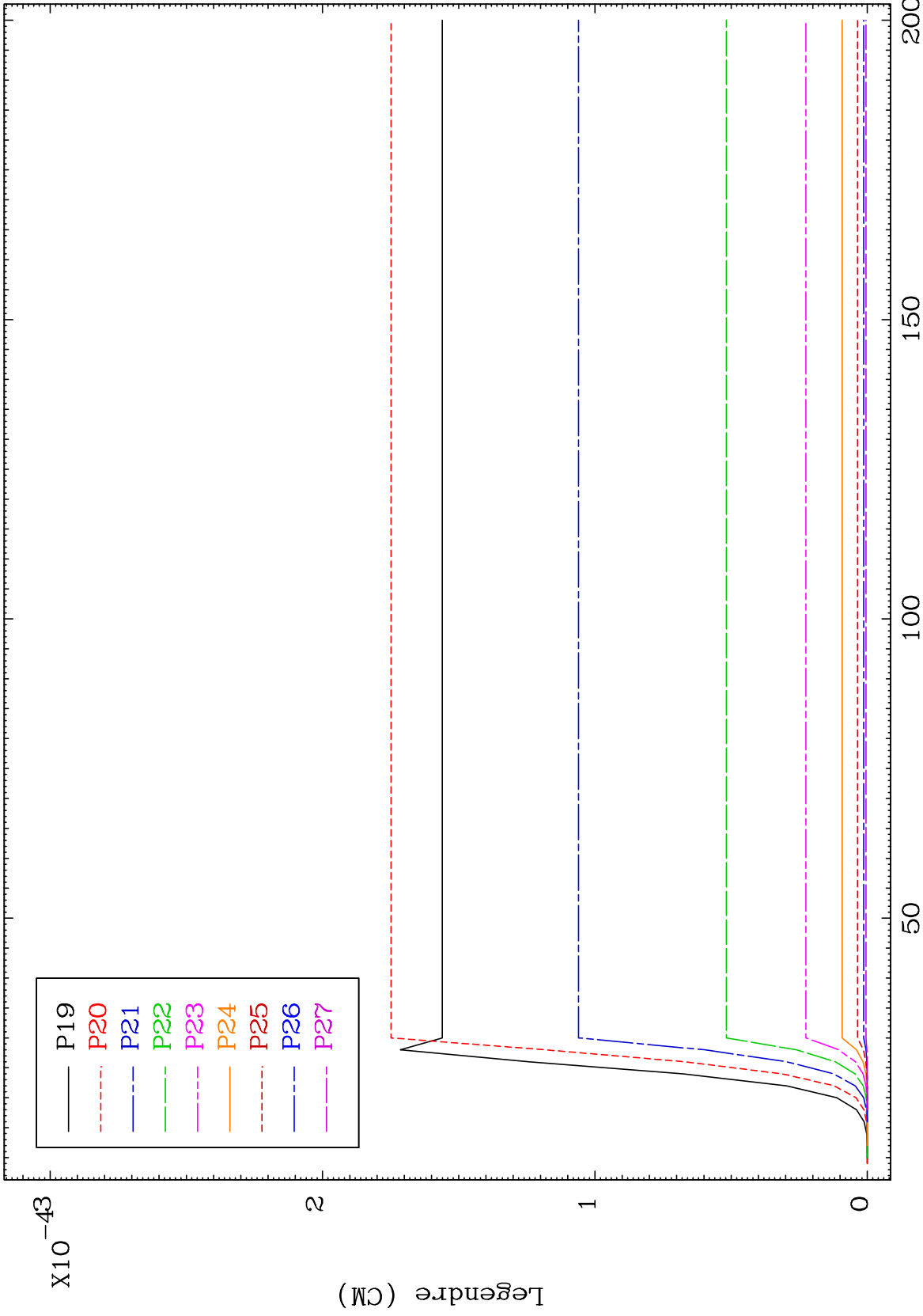
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



25

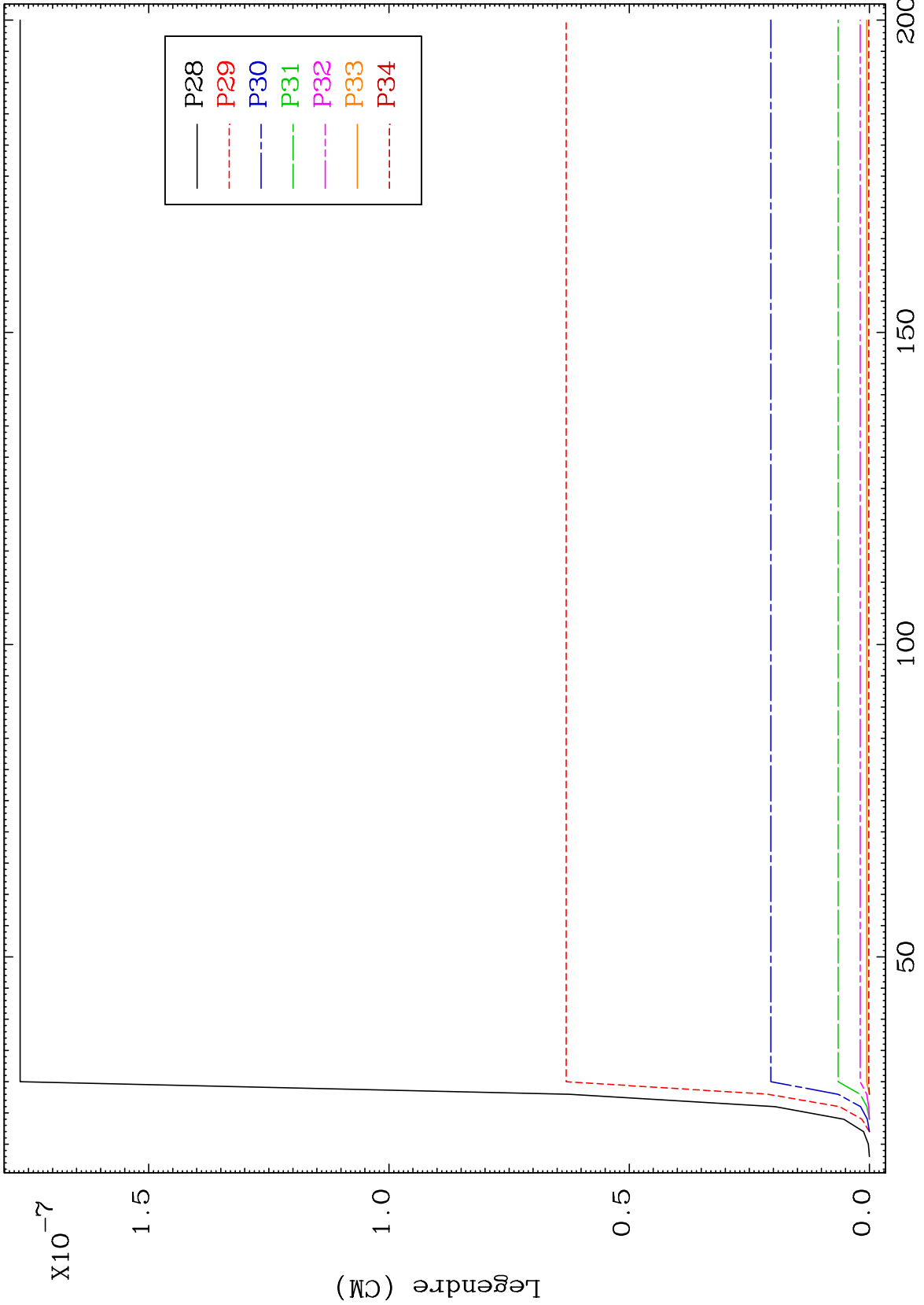
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



26

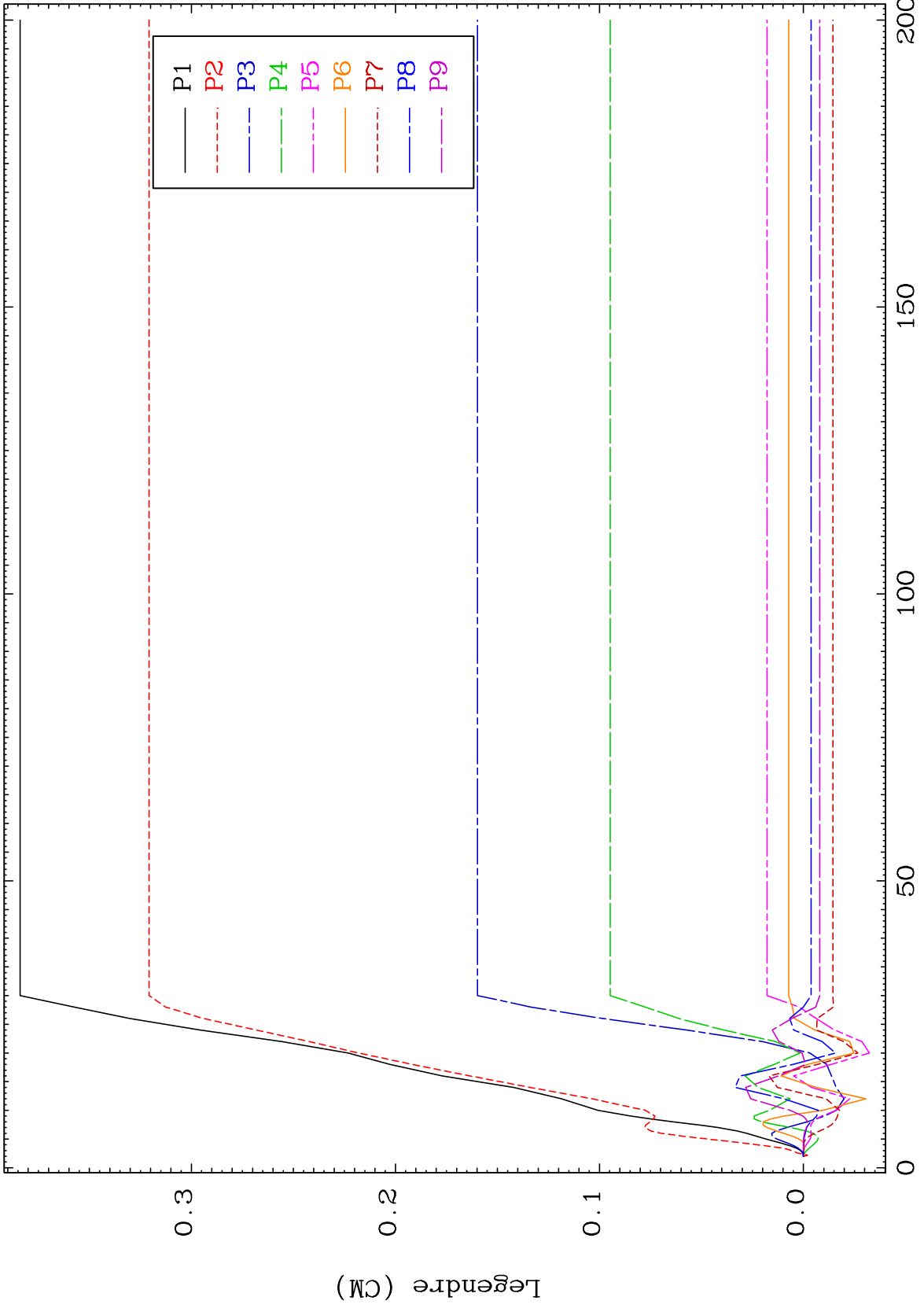
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



27

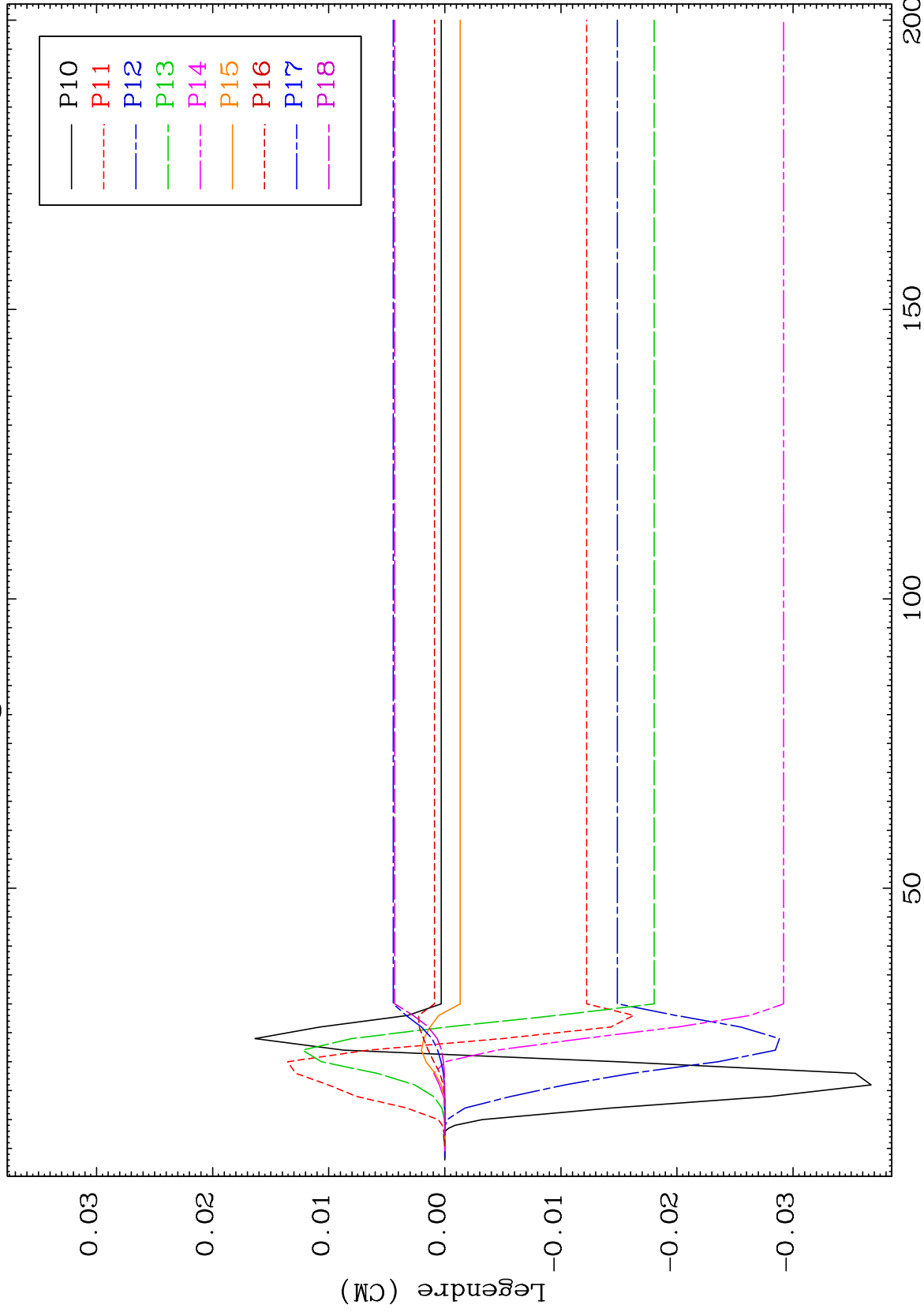
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



28

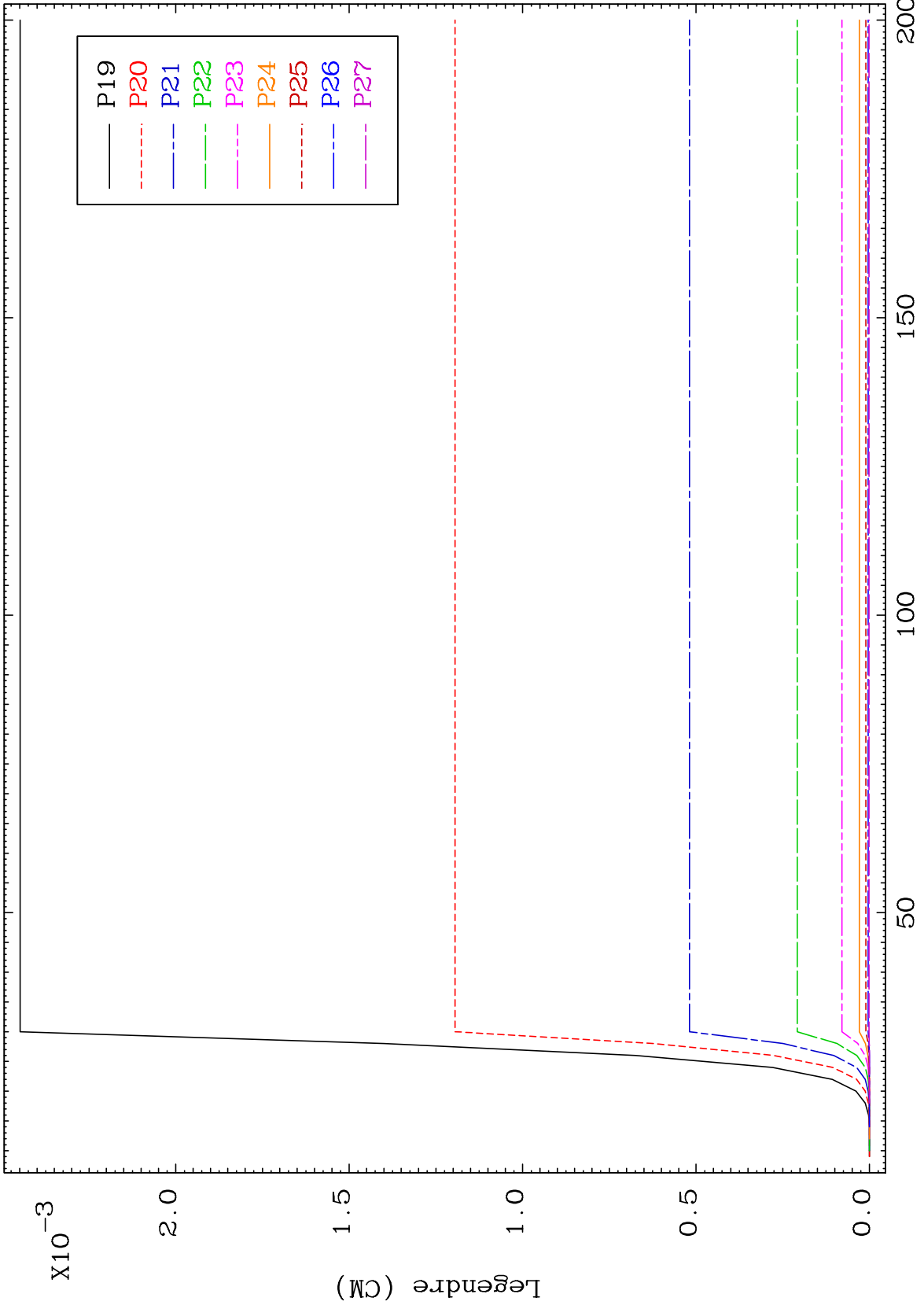
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



29

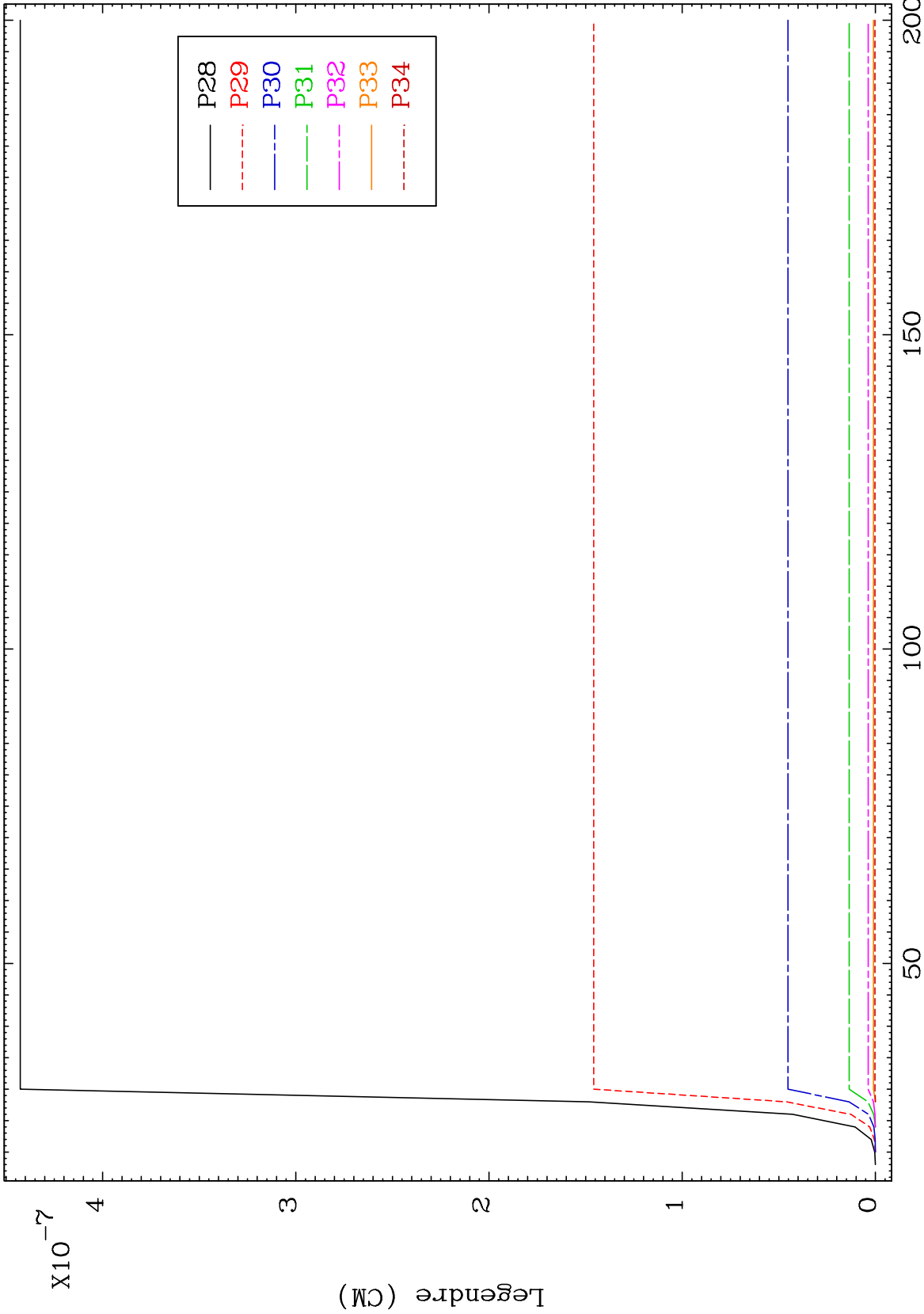
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



30

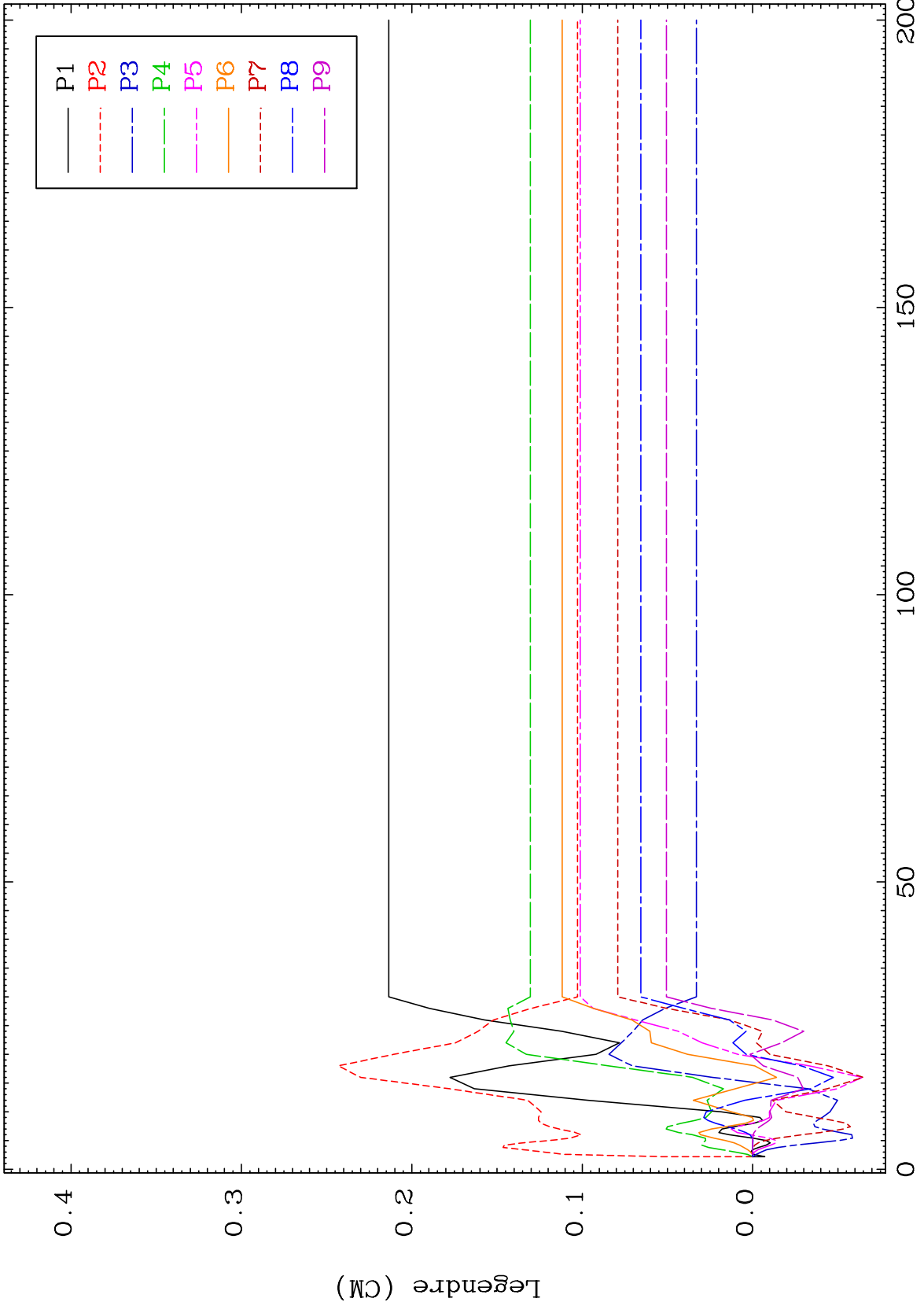
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



31

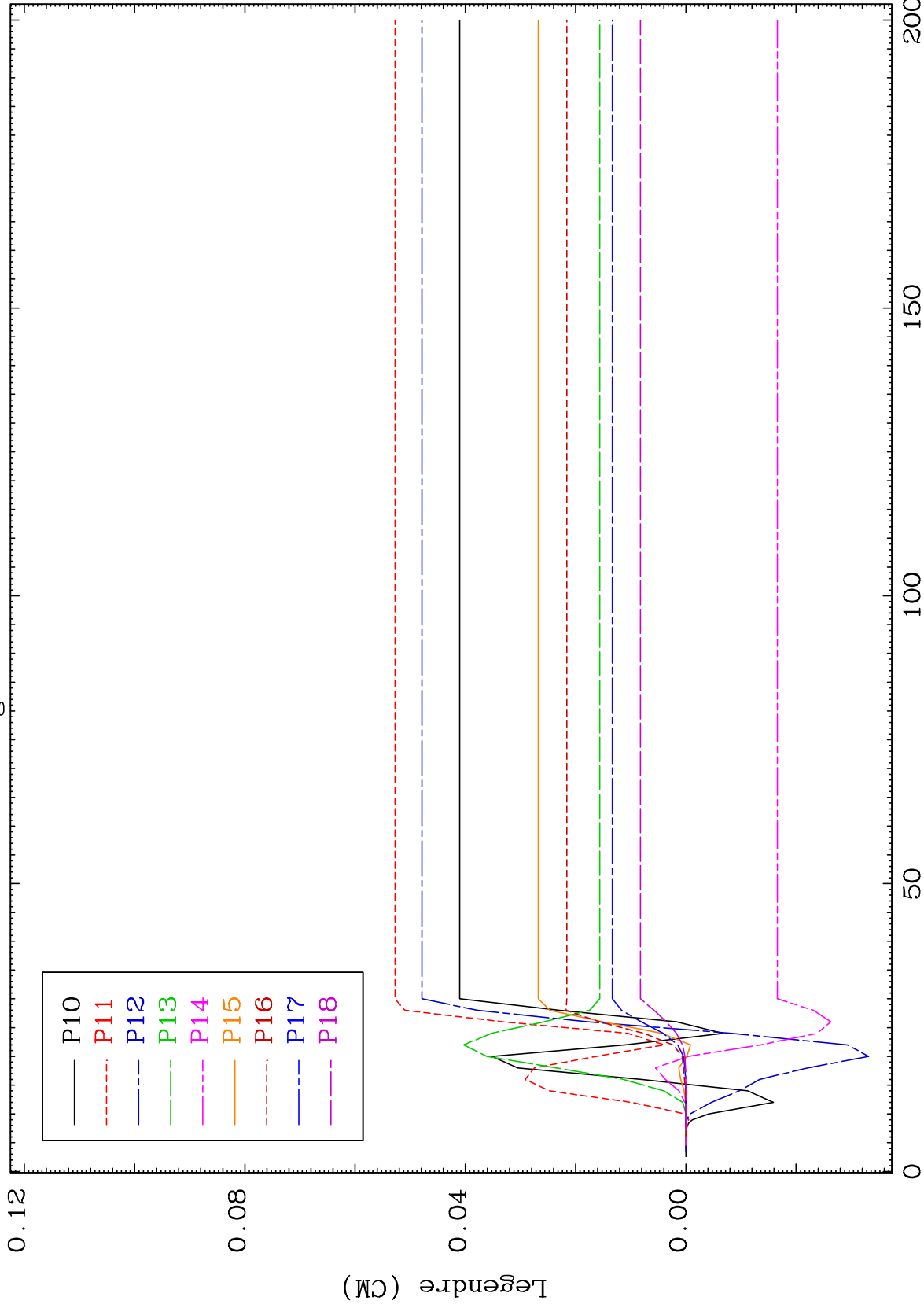
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



32

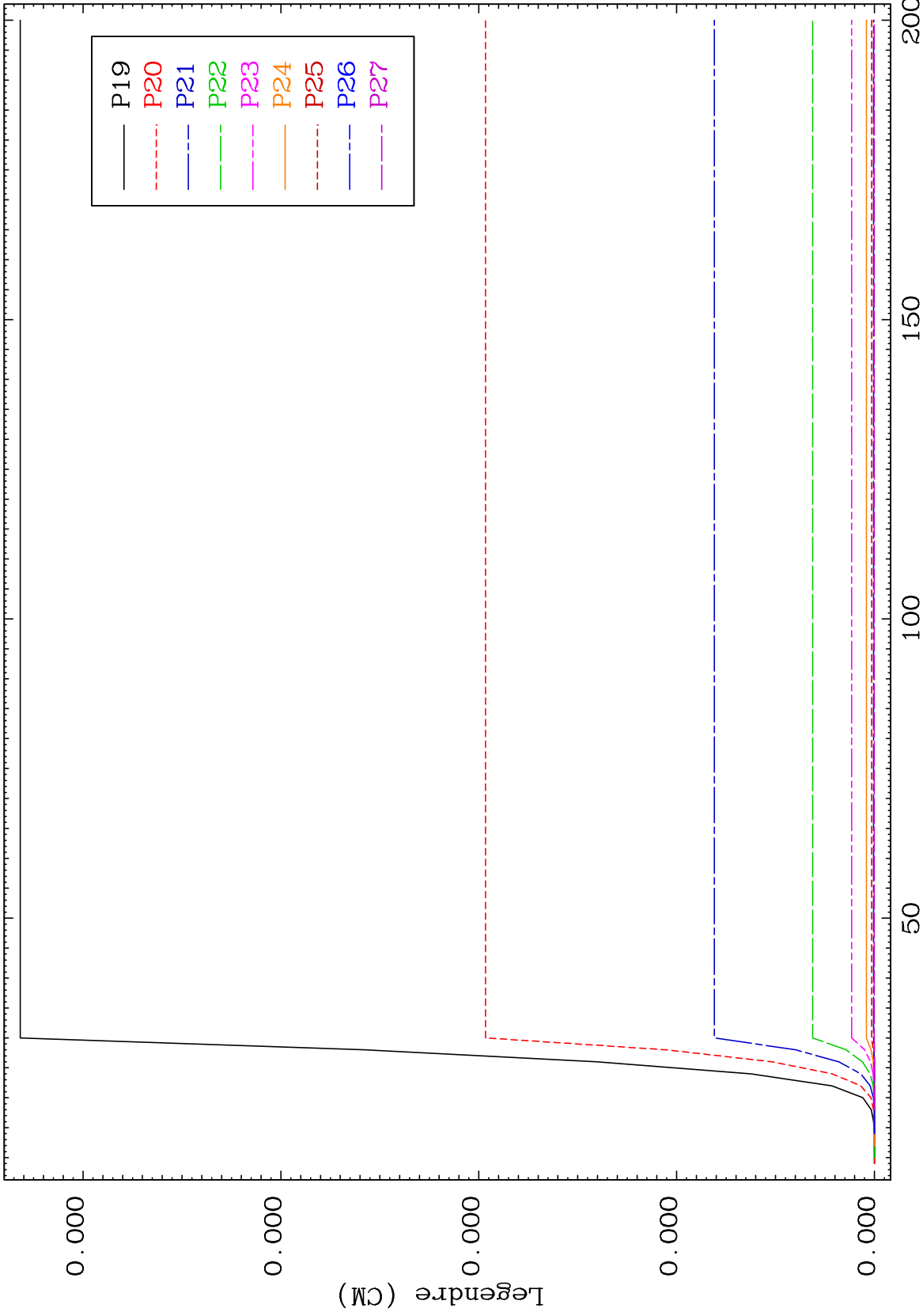
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



33

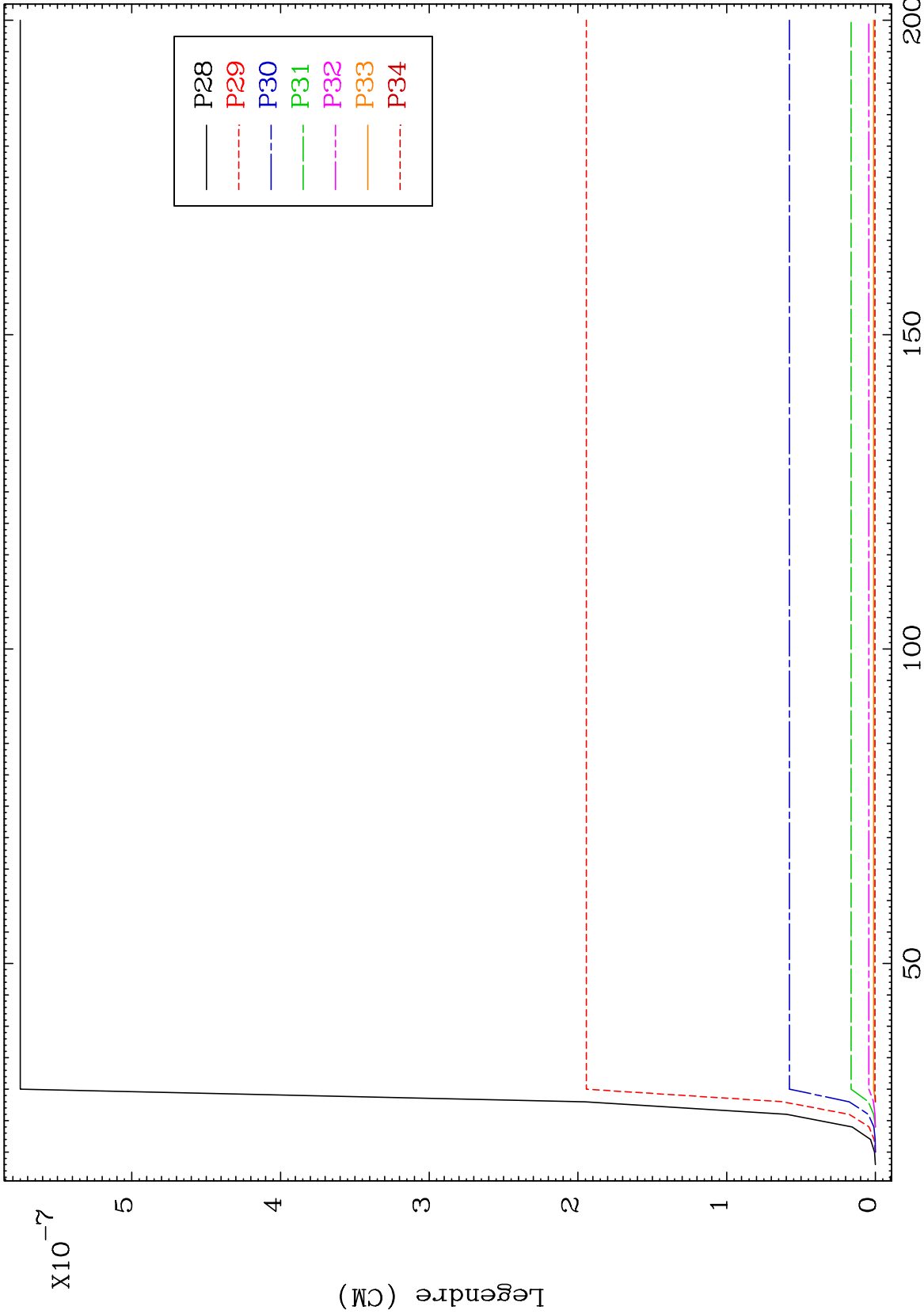
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



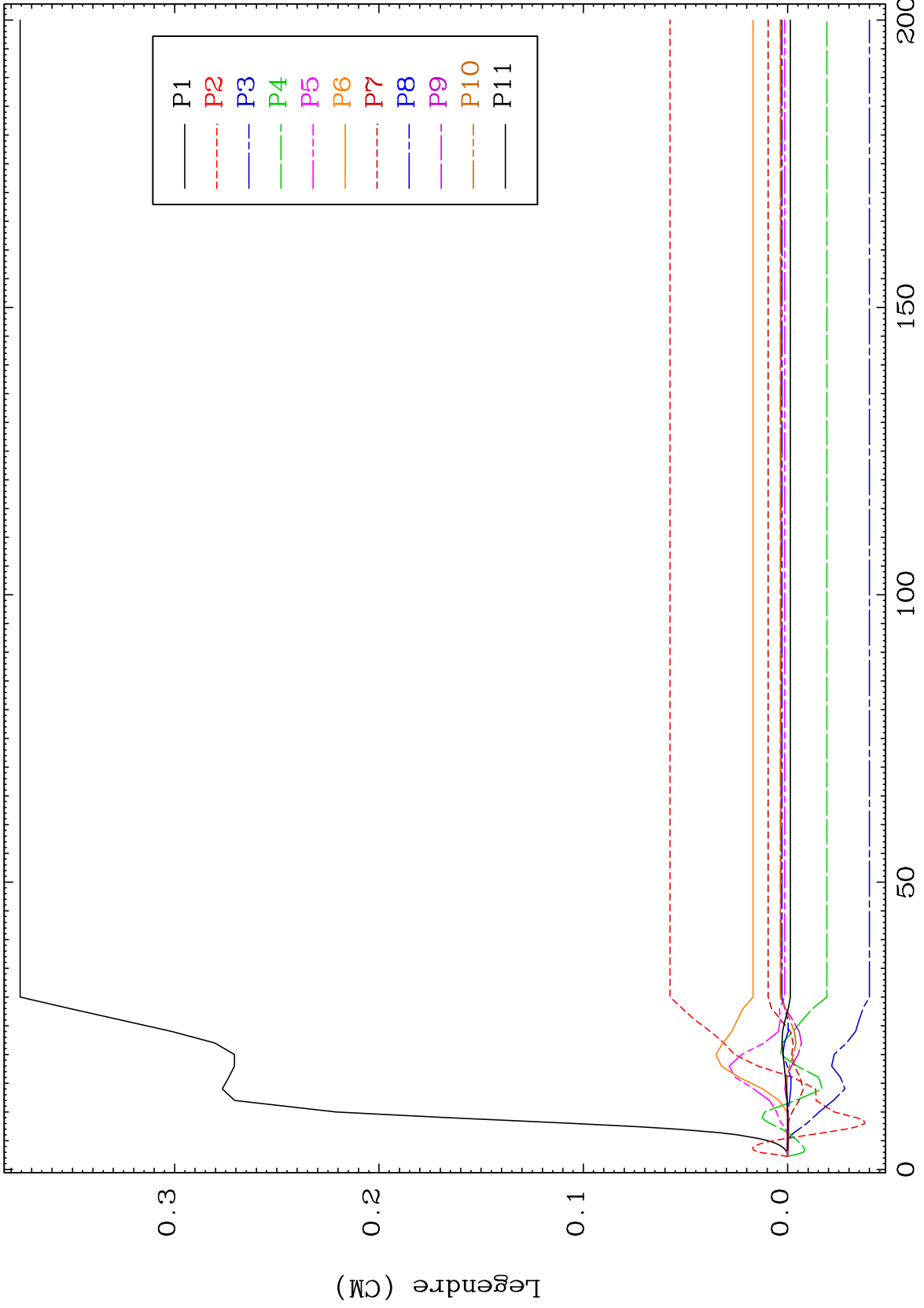
34

44-Ru-96

MAT 4425

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

44-Ru-96



35

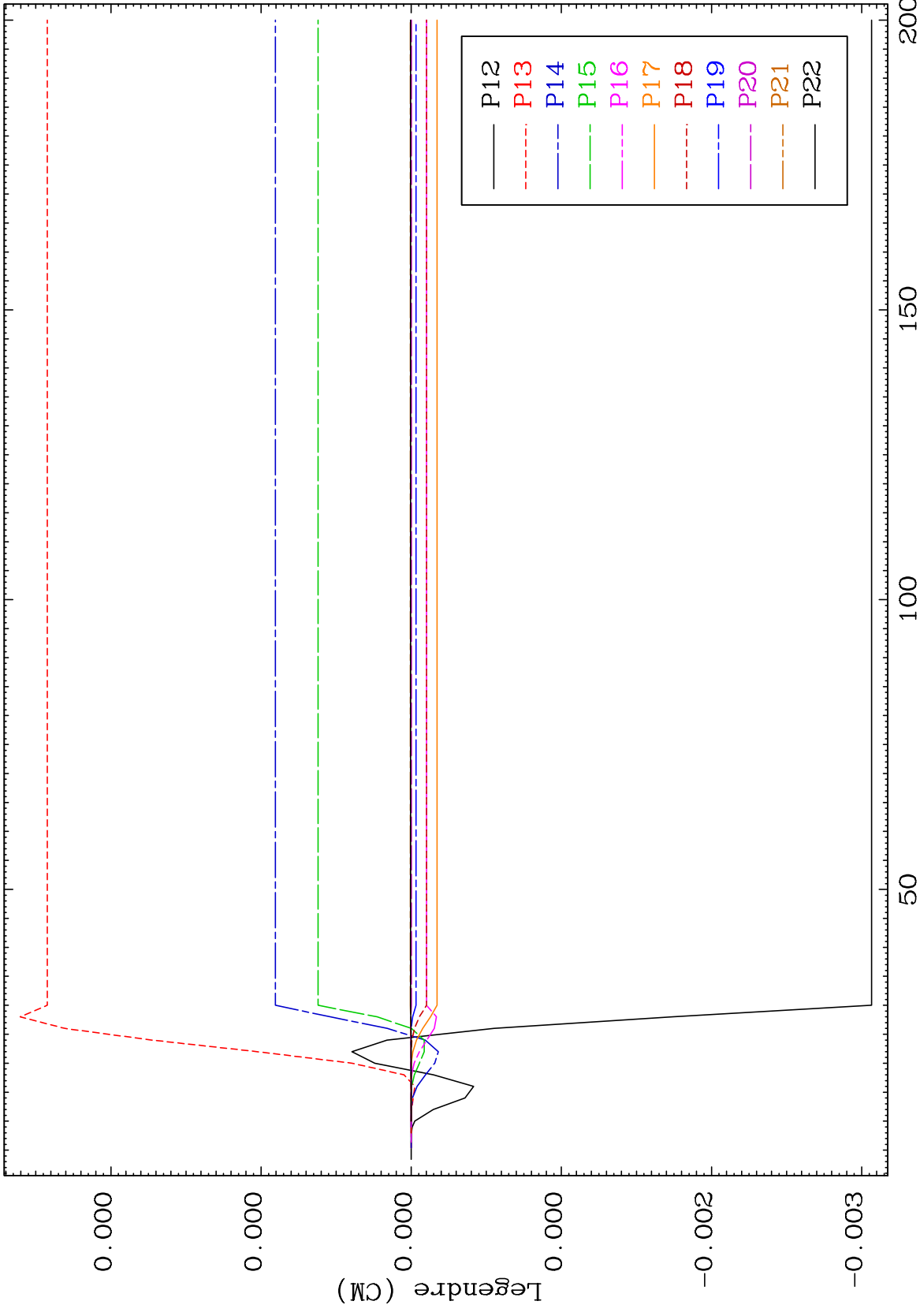
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



36

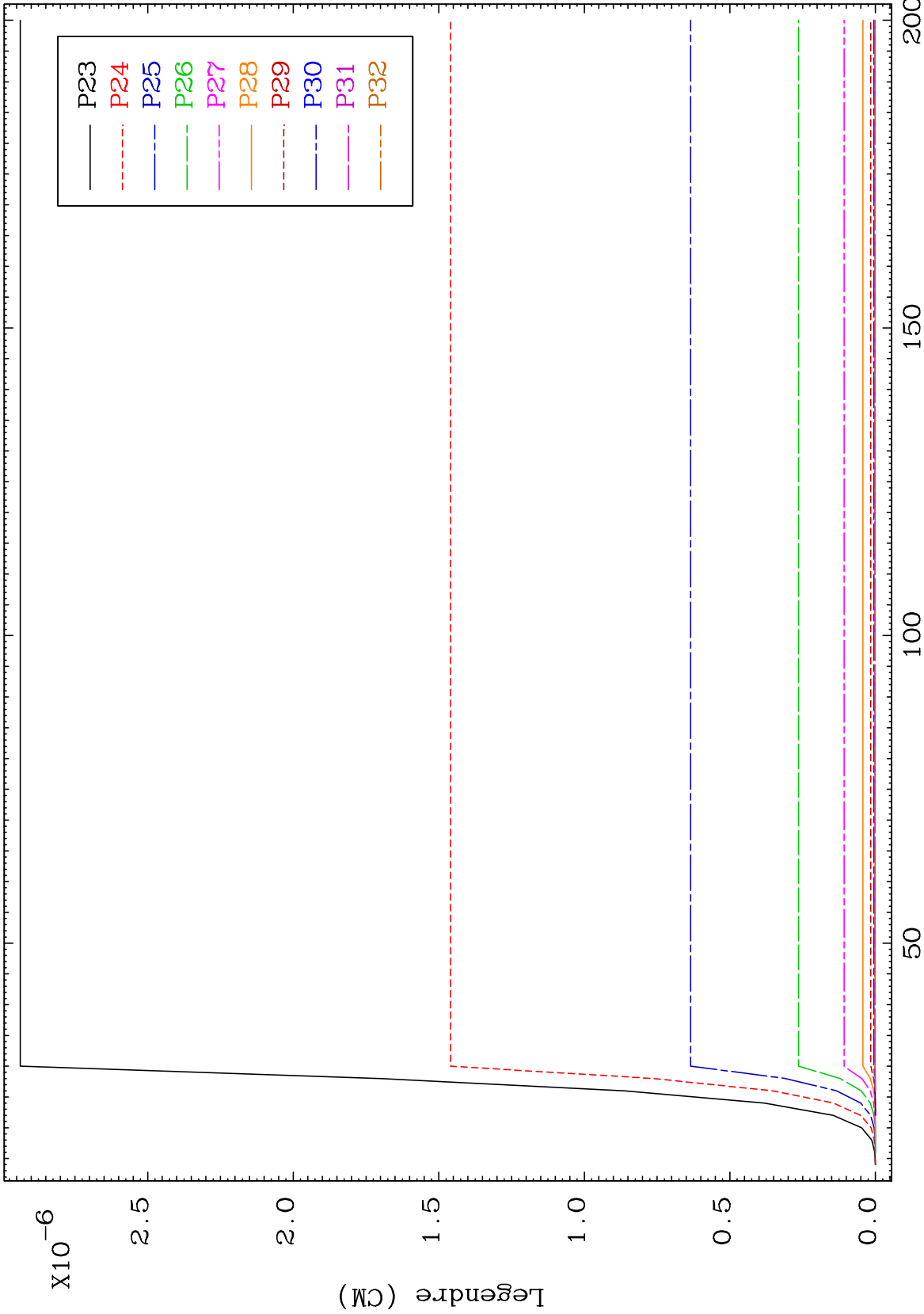
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



37

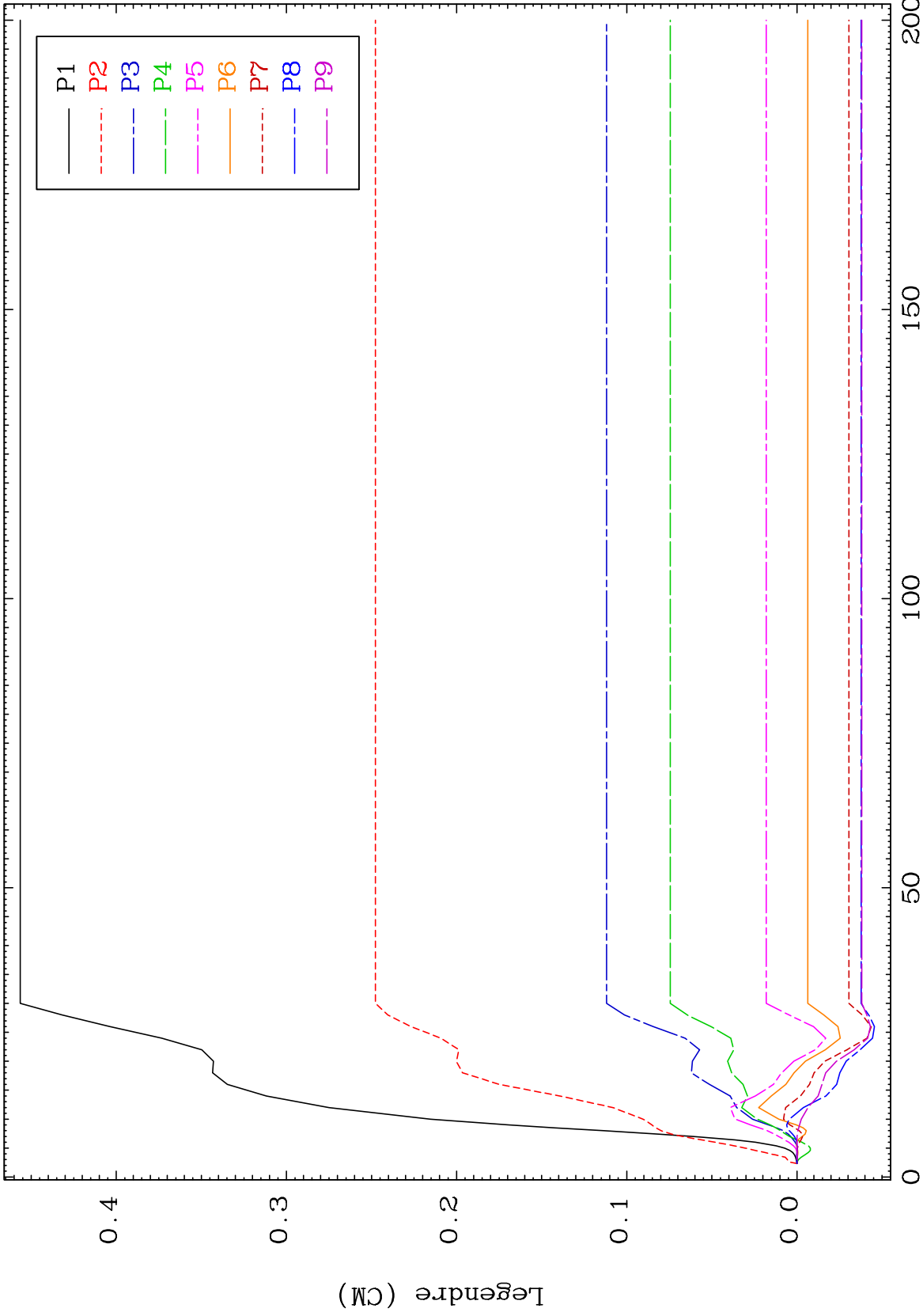
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



38

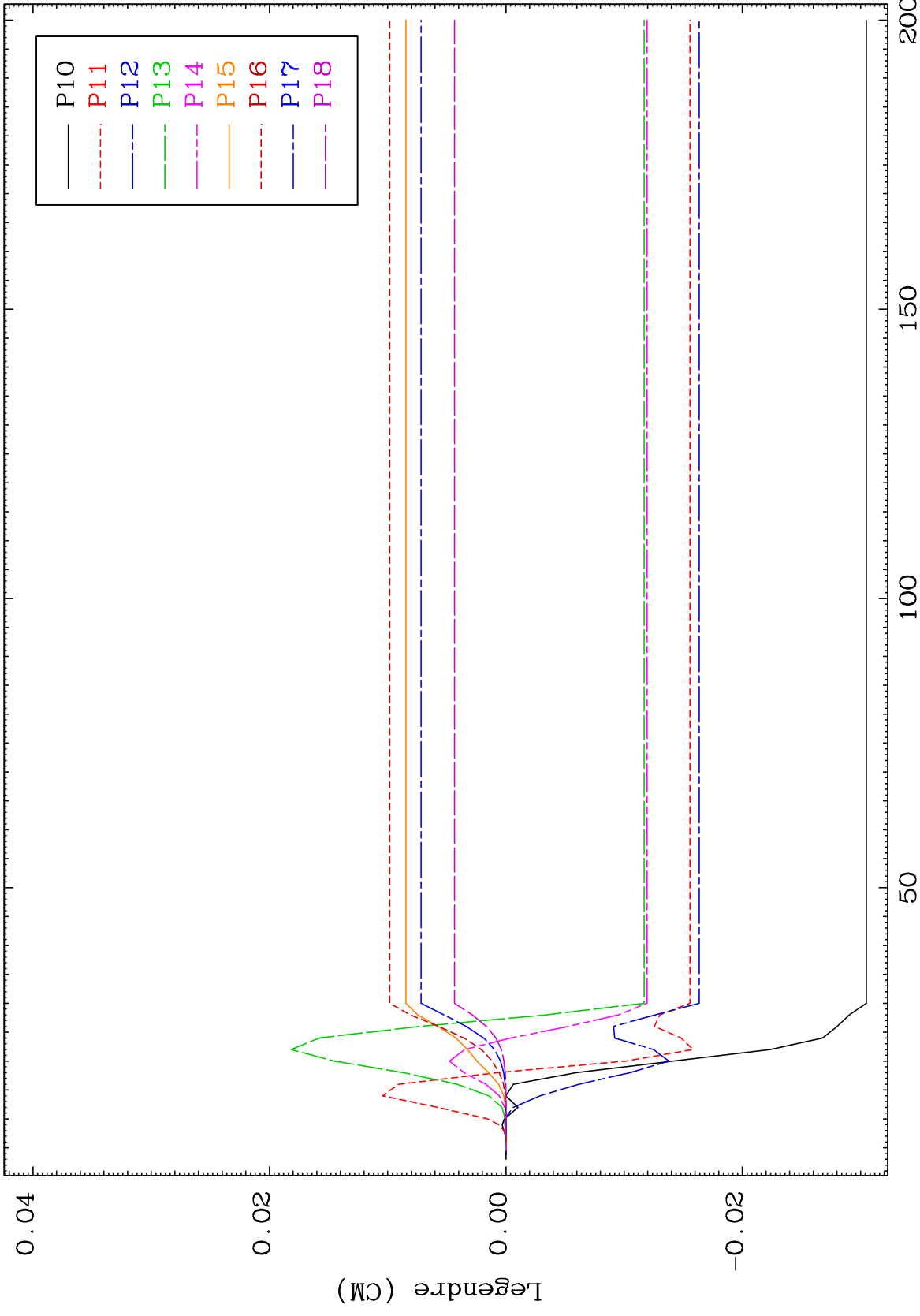
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



39

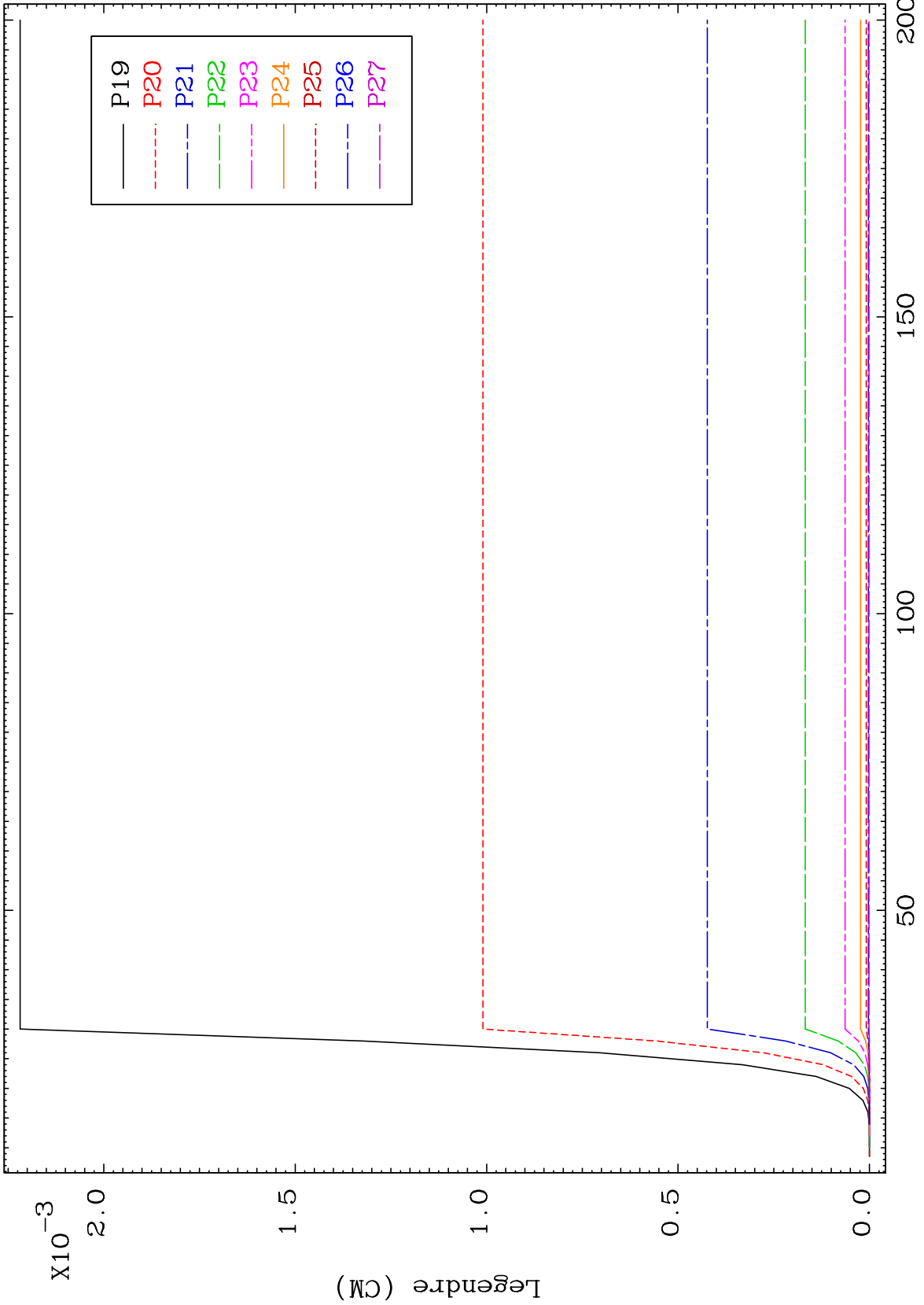
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



40

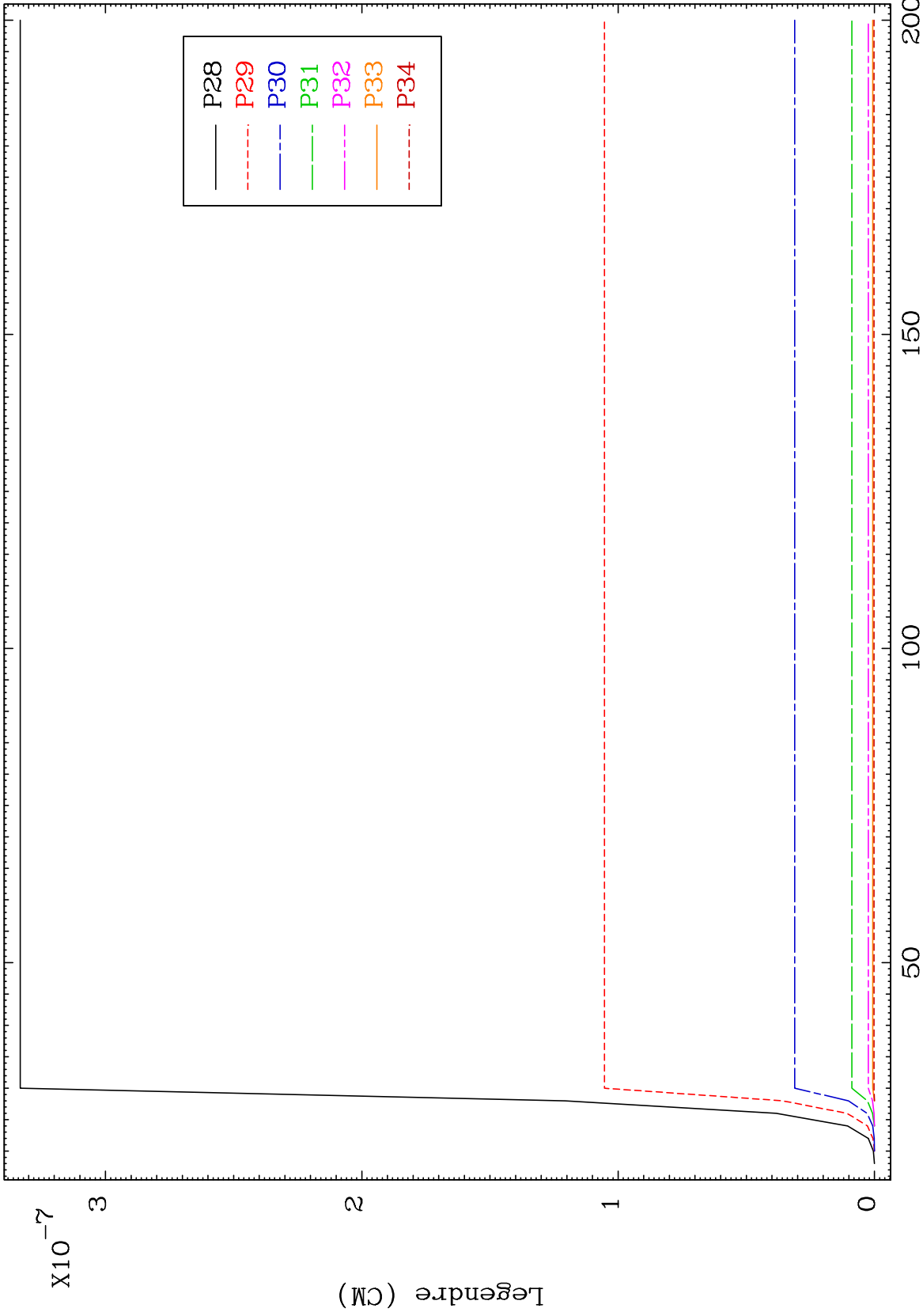
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



41

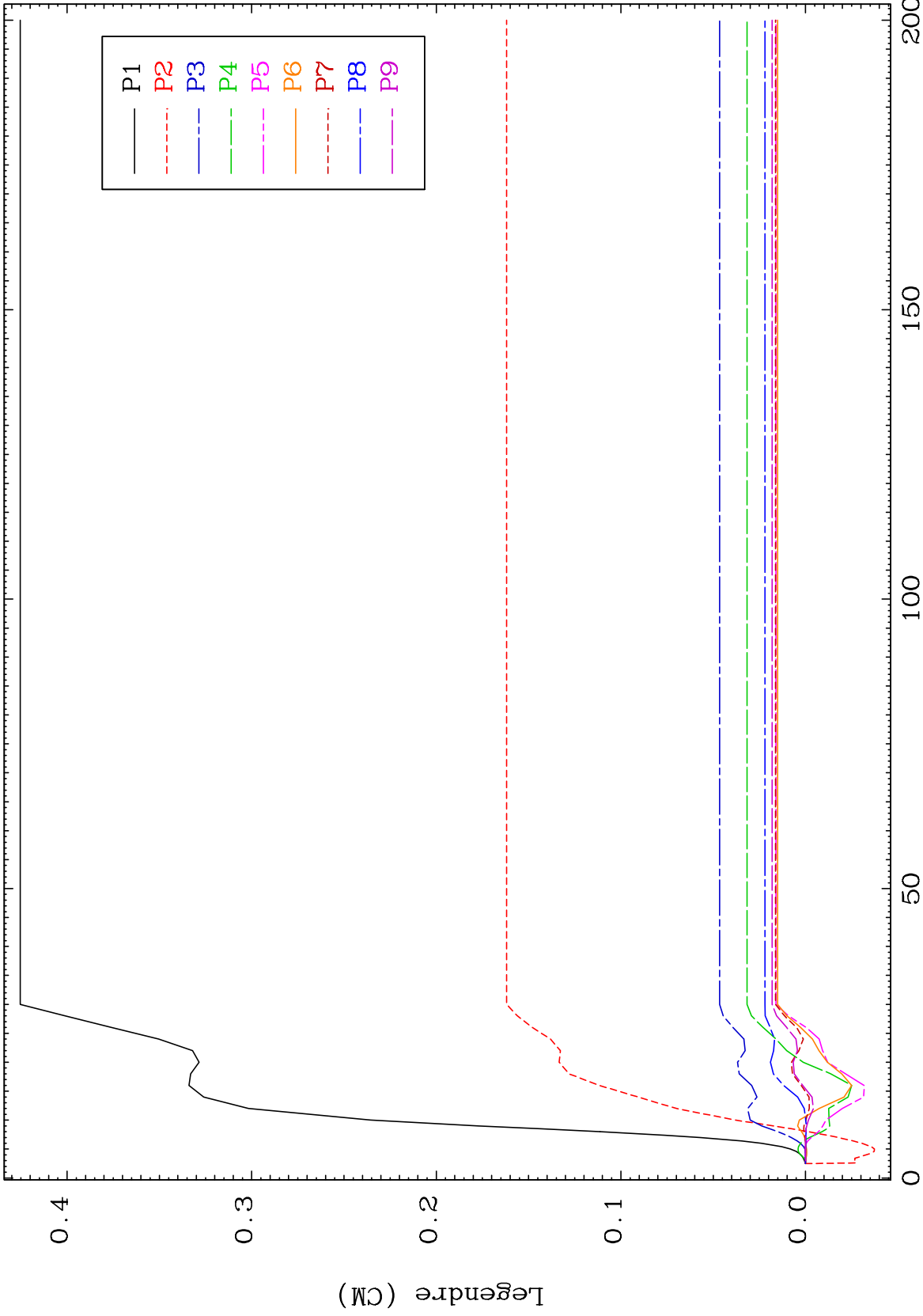
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

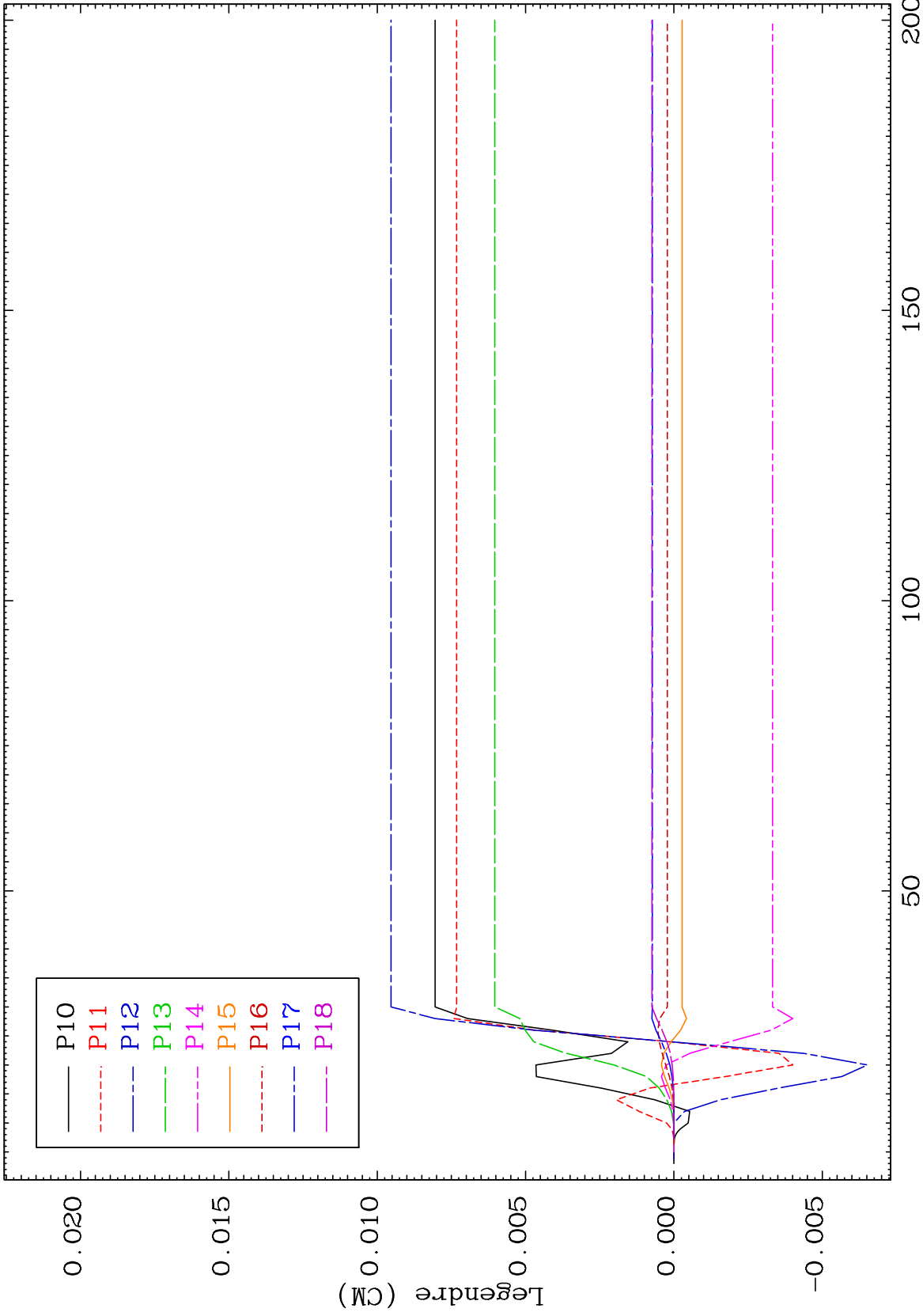
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42

Incident Energy (MeV)

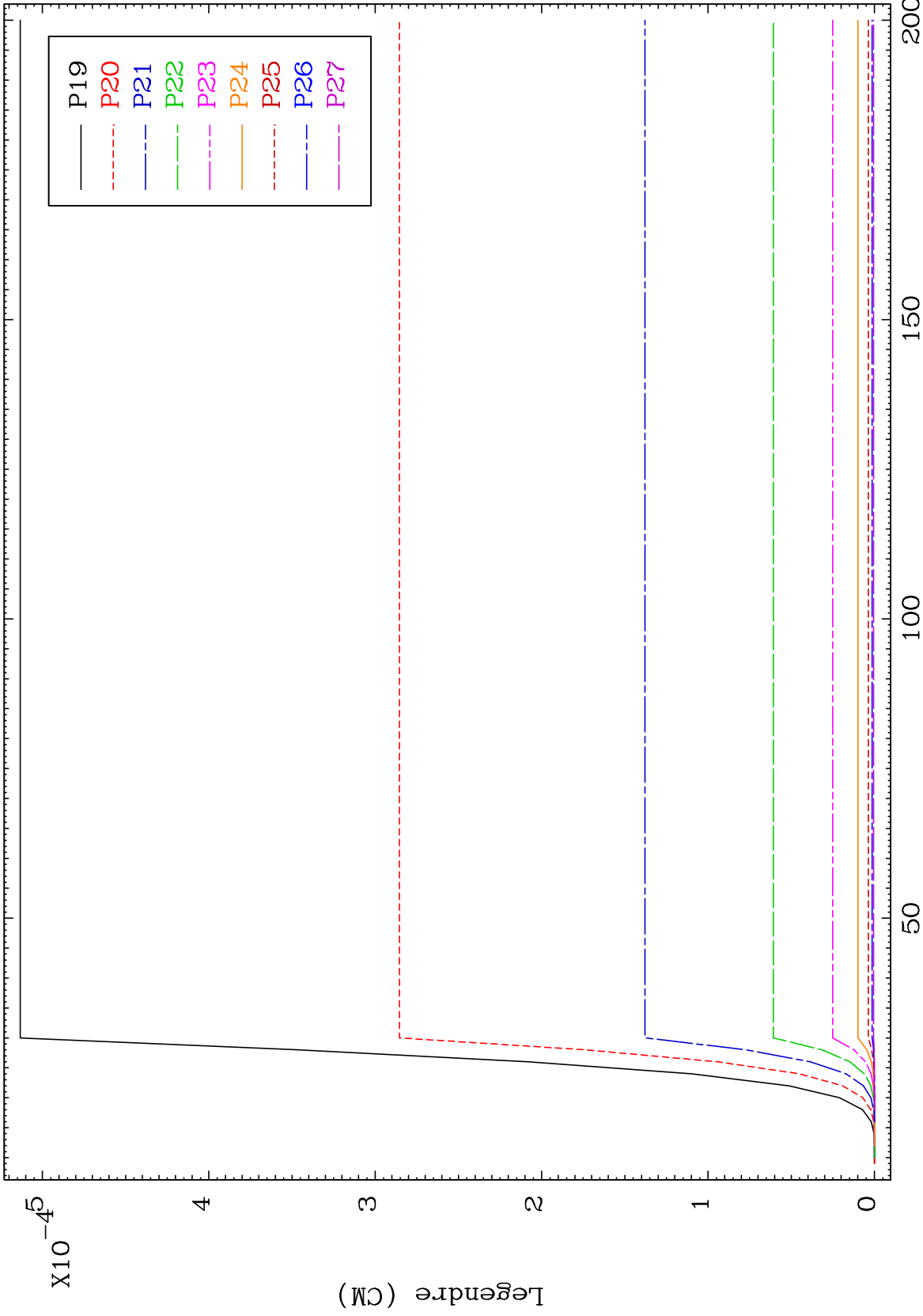
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MAT 4425

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

44-Ru-96



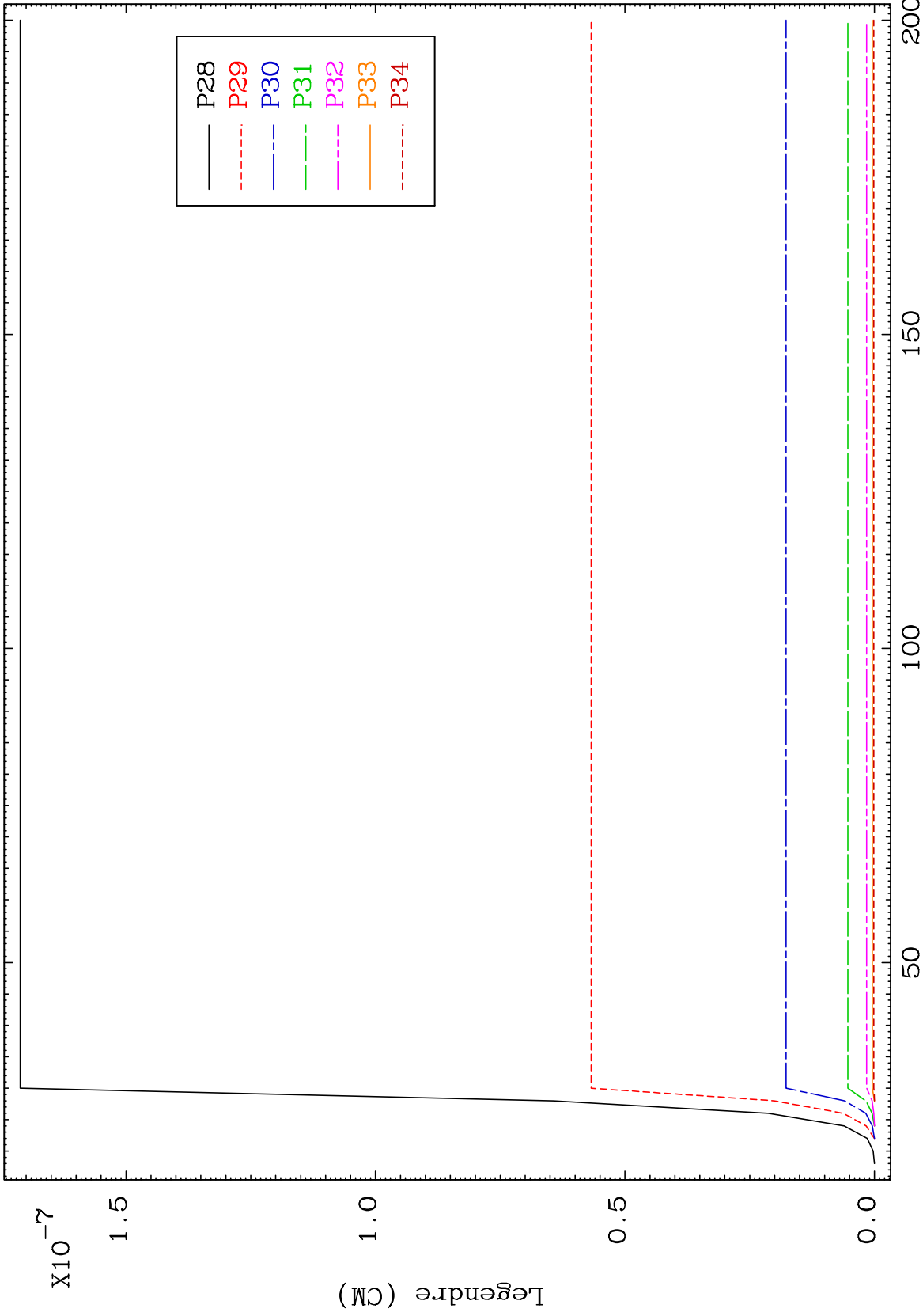
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44-Ru-96

MAT 4425

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

44-Ru-96



45

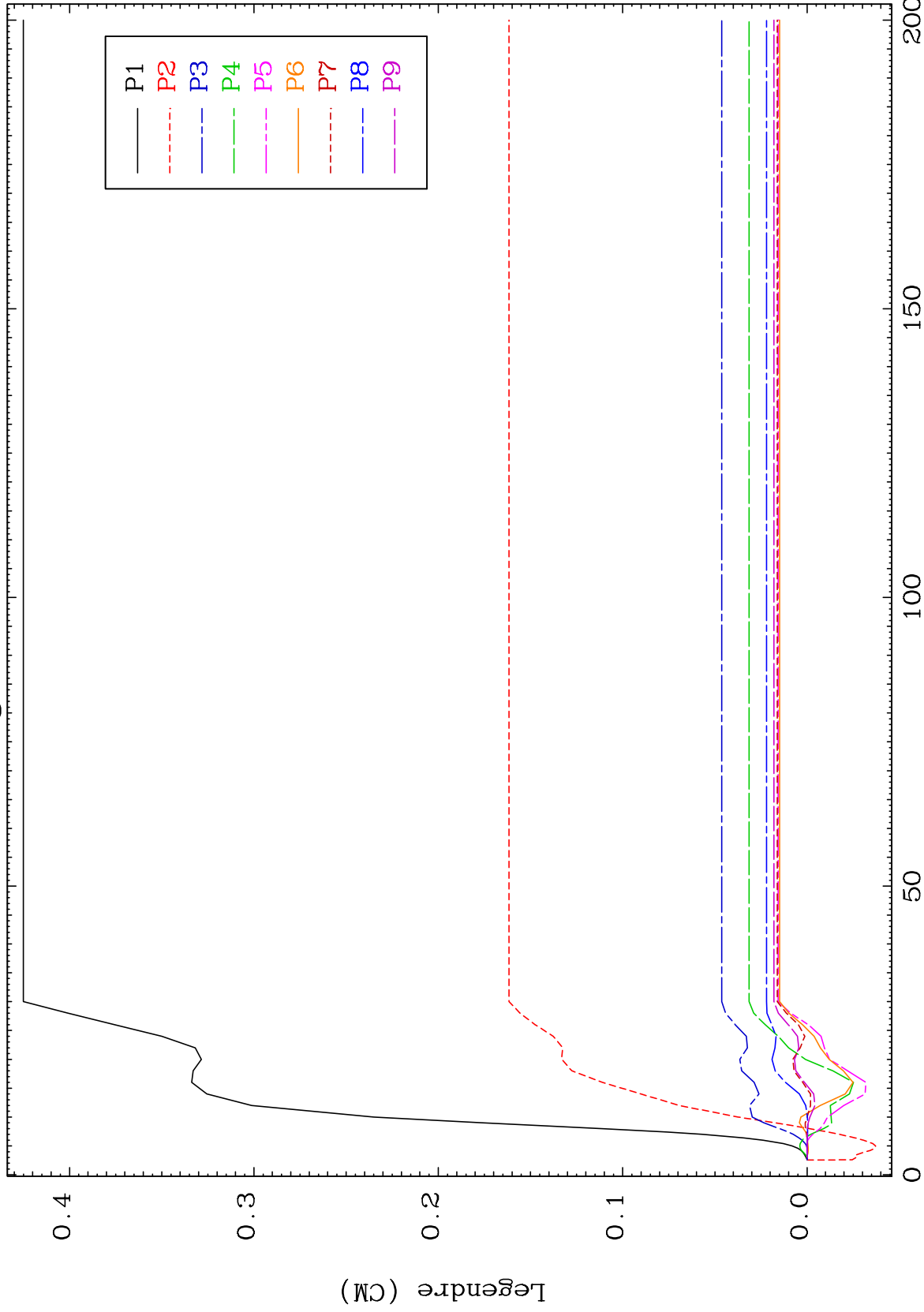
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



46

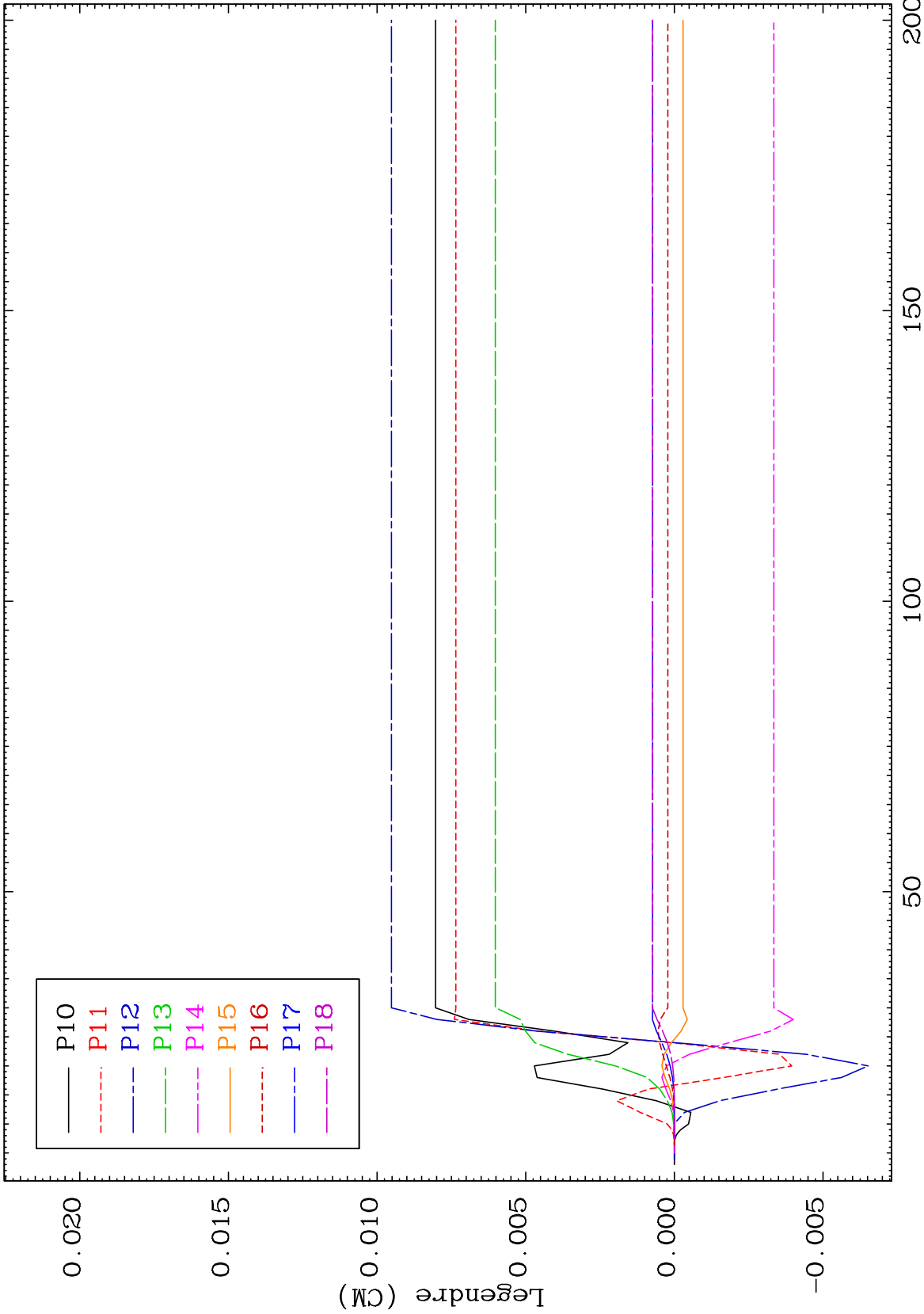
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



47

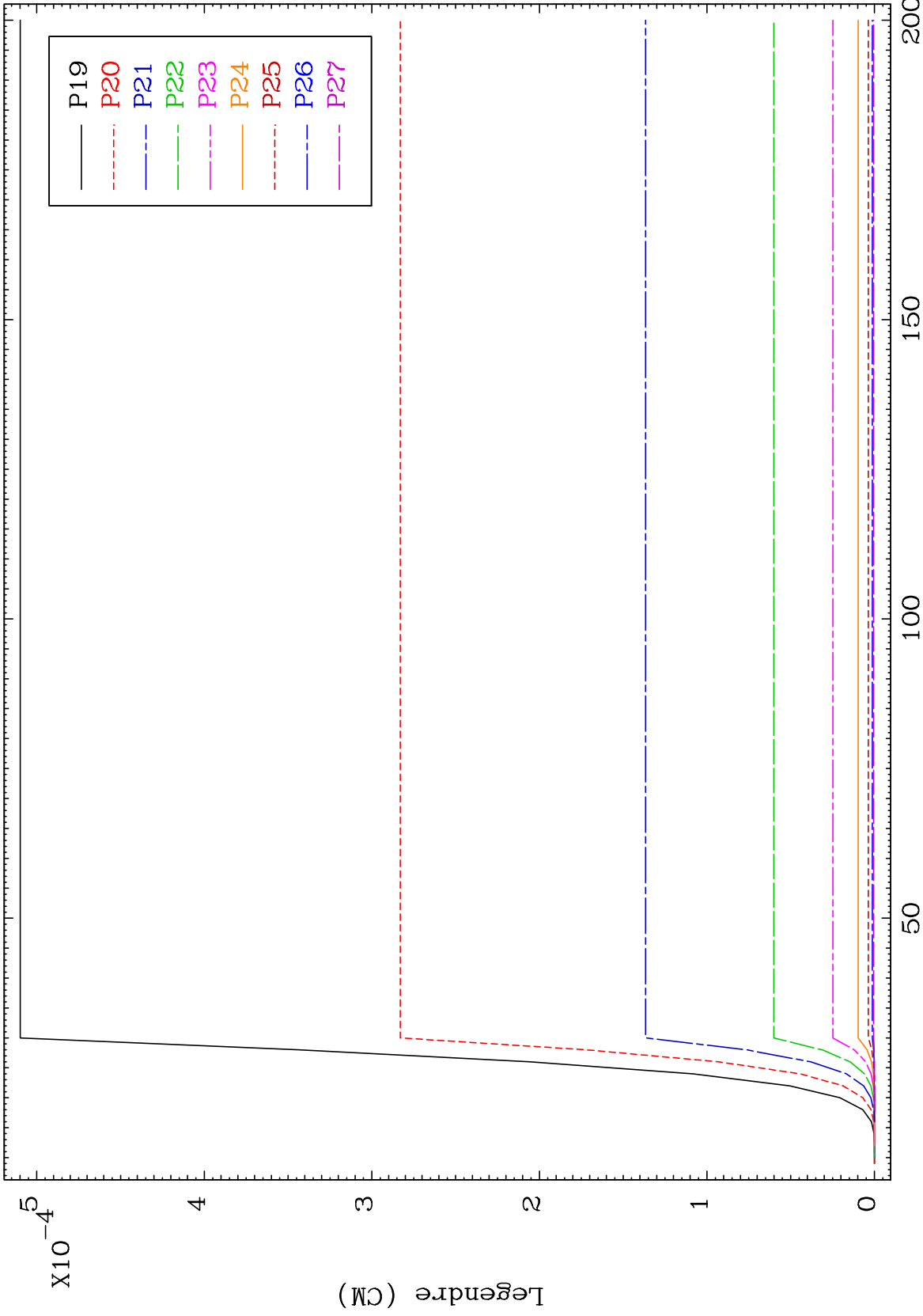
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



48

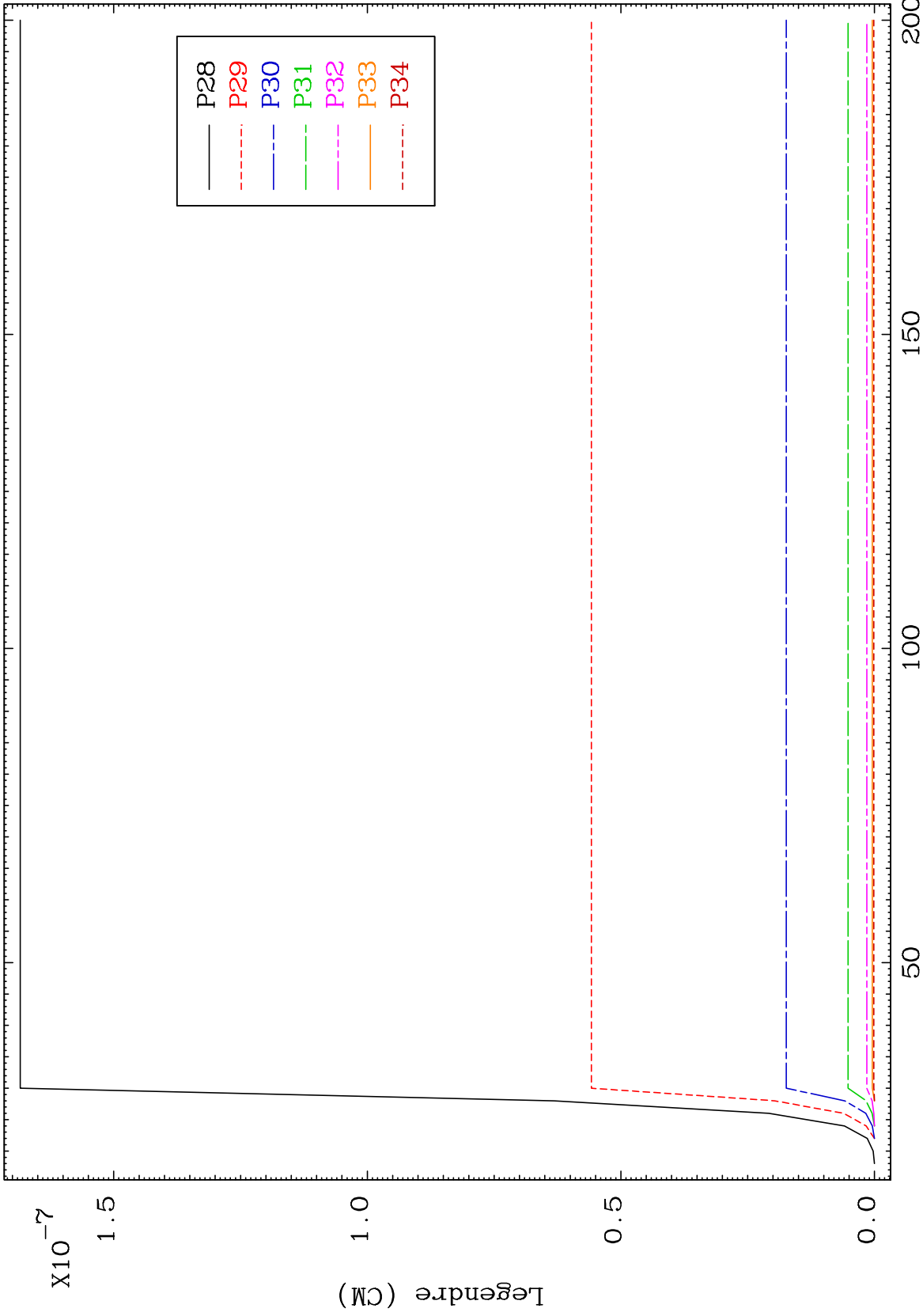
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



49

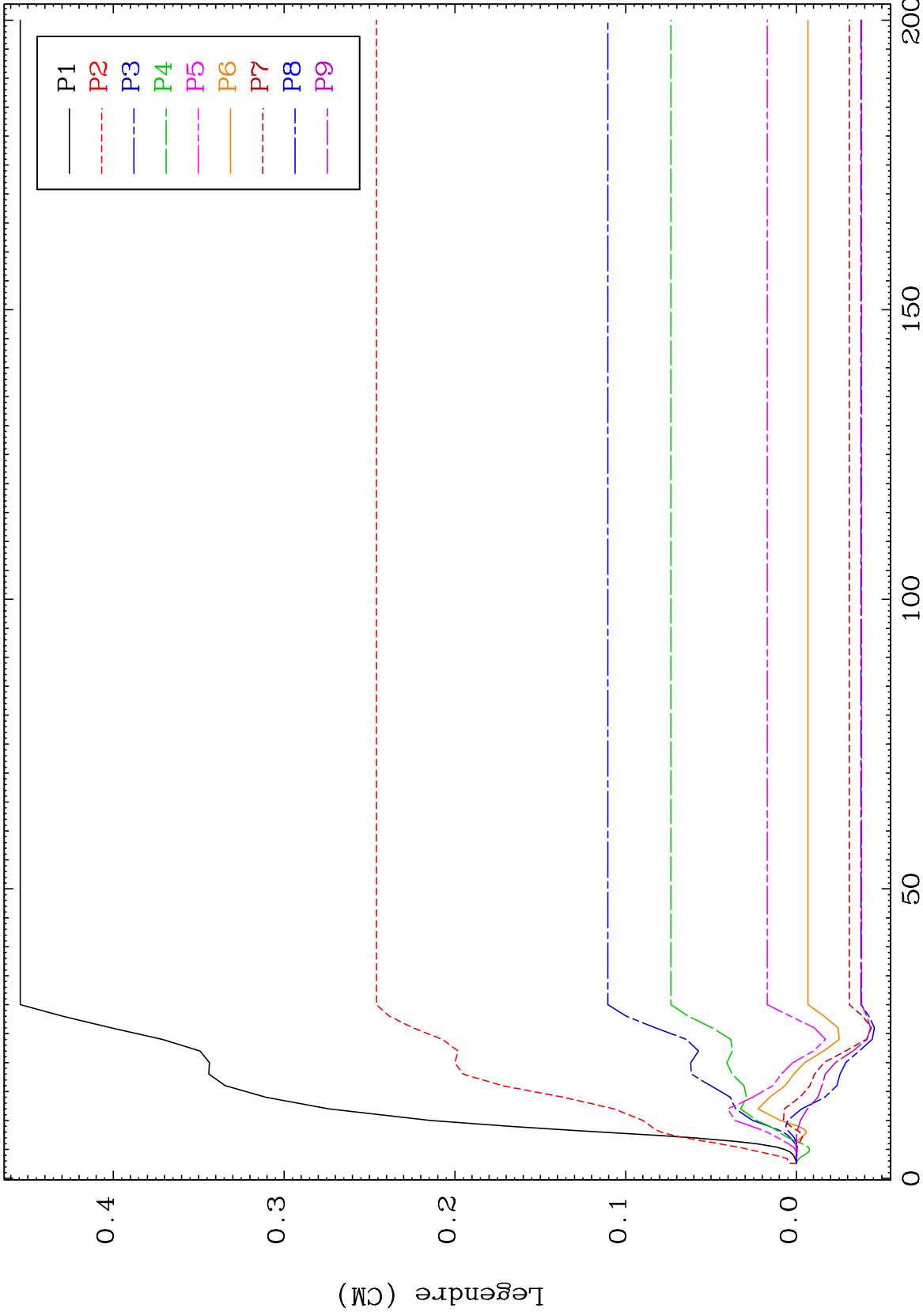
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



44-Ru-96

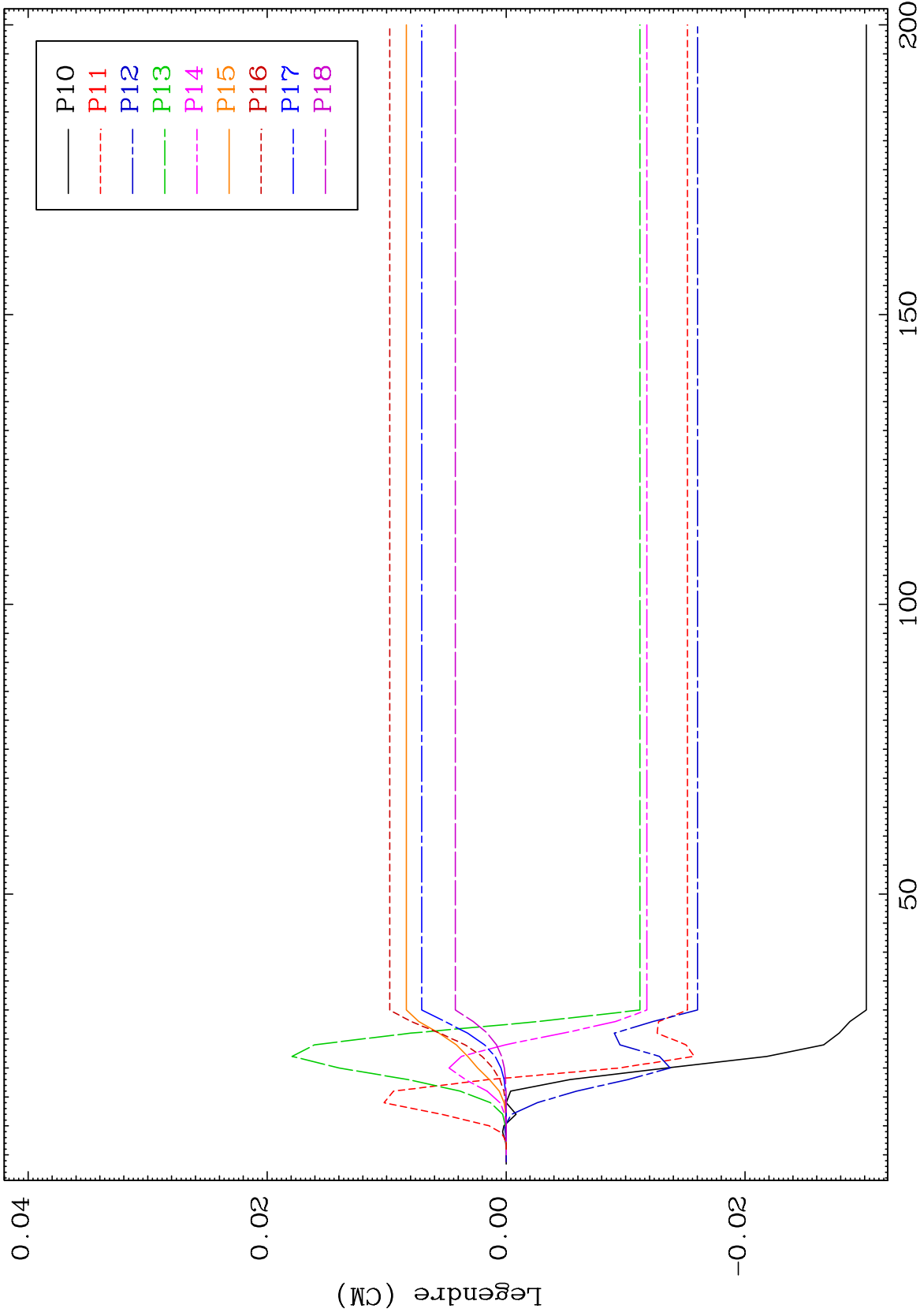
Incident Energy (MeV)

50

MAT 4425

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

44-Ru-96



51

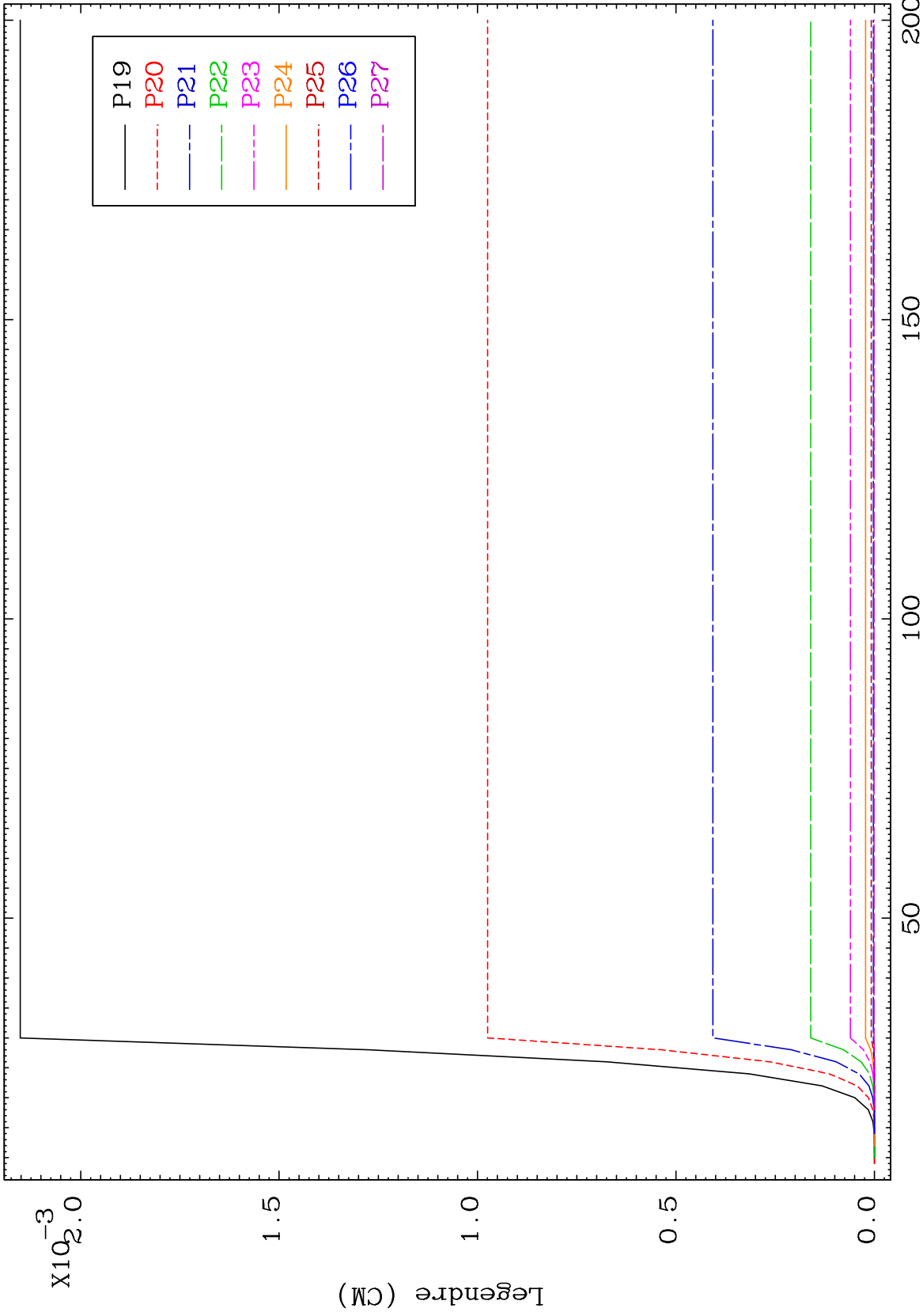
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



52

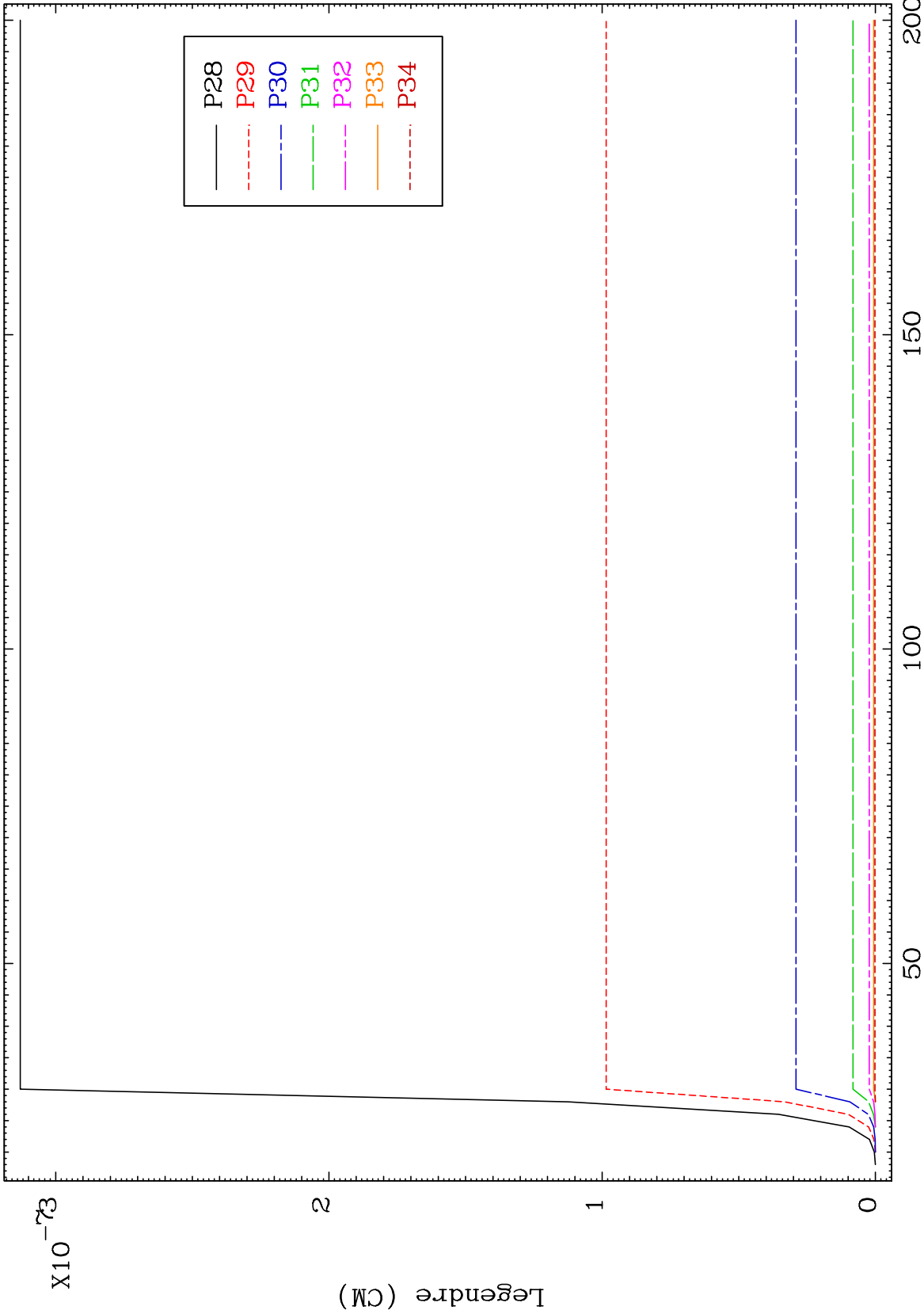
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



53

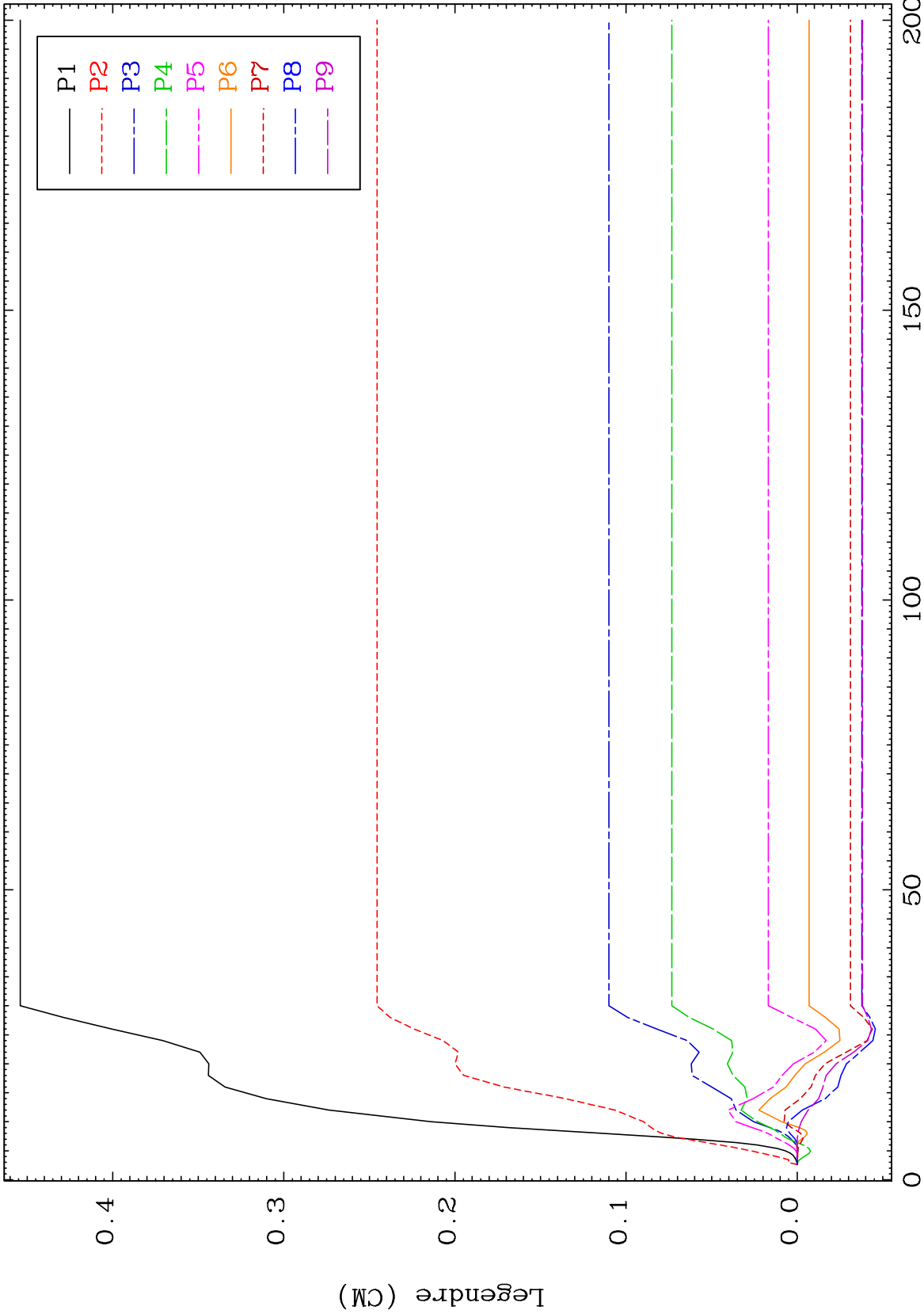
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



54

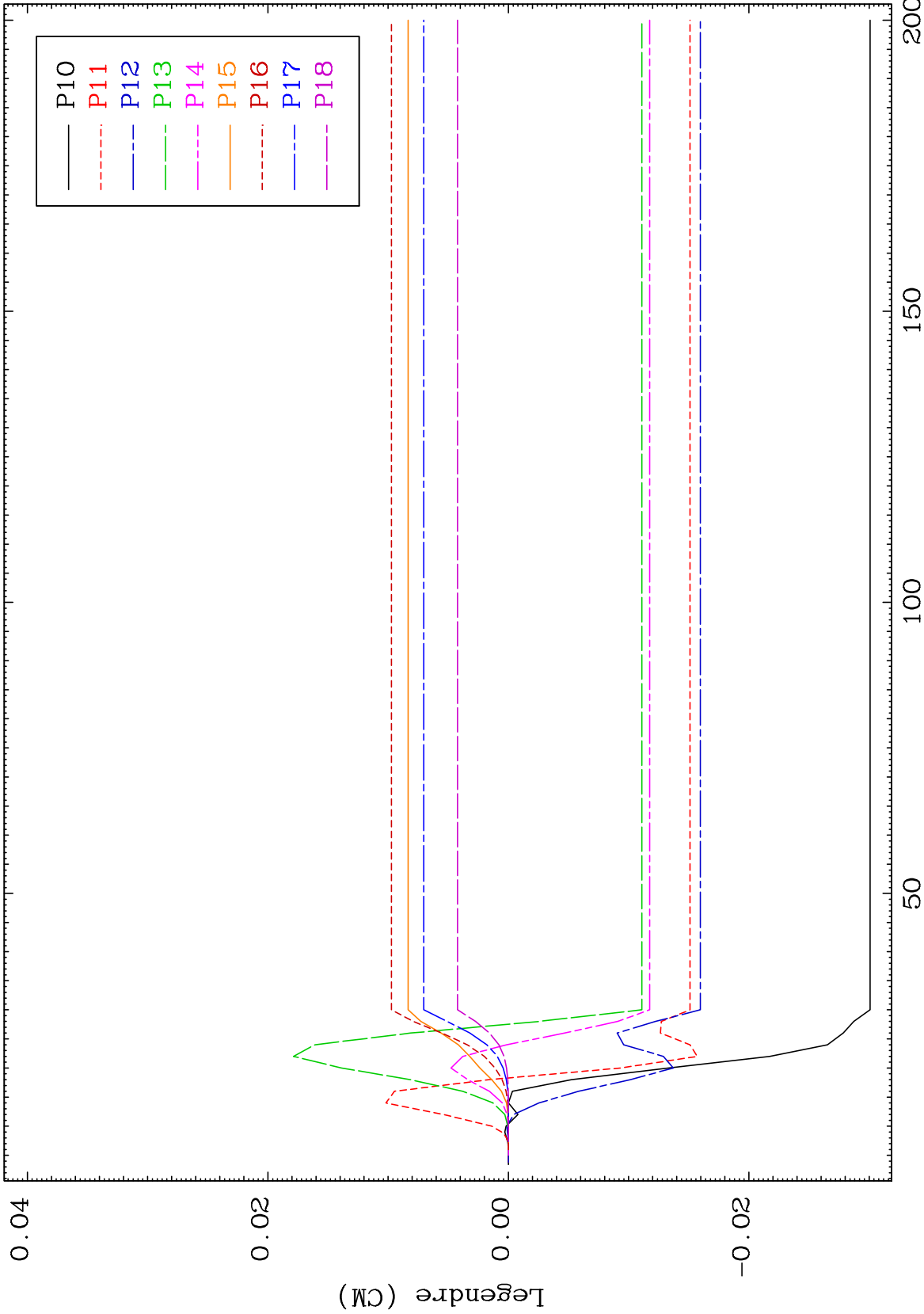
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



55

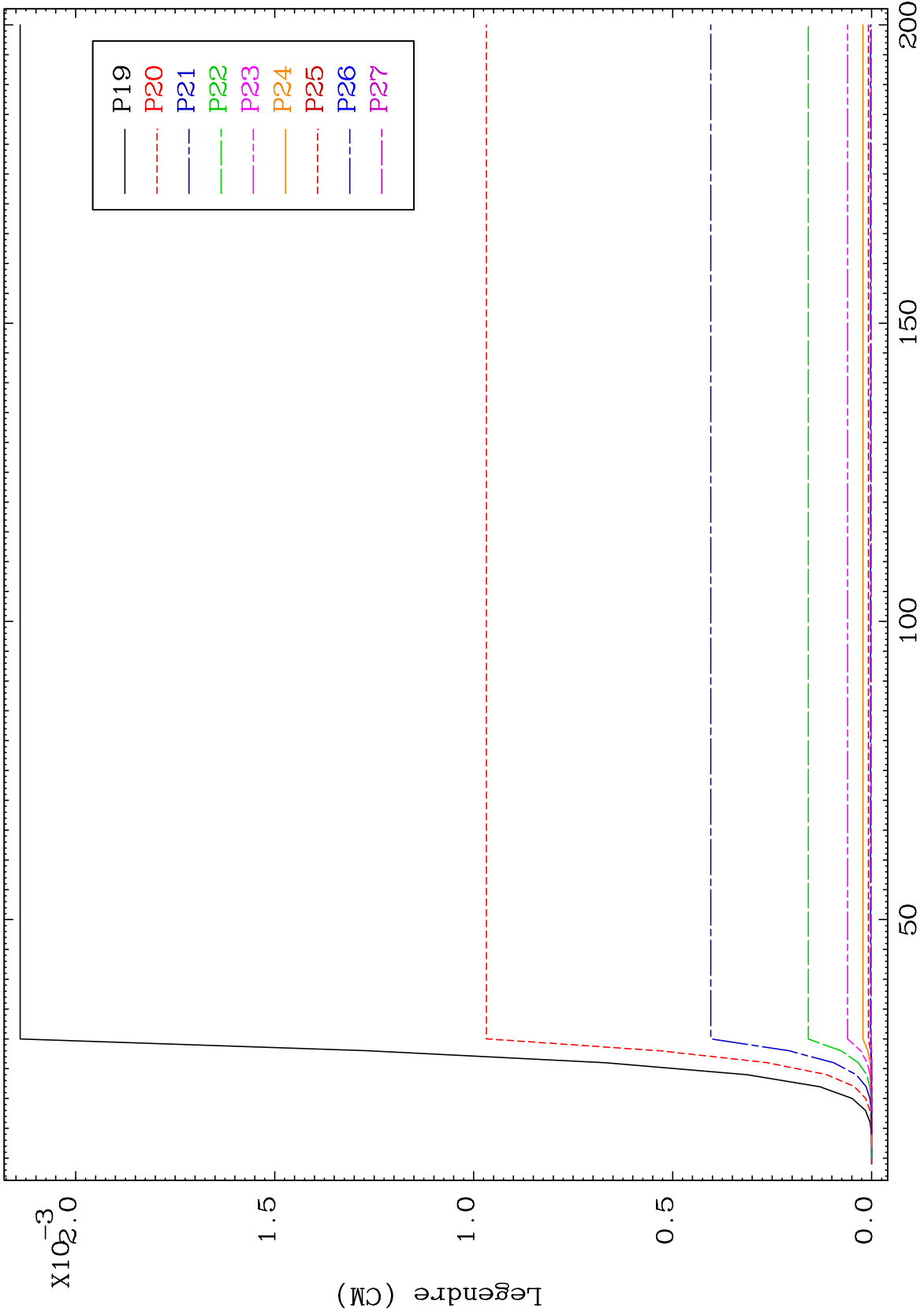
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



56

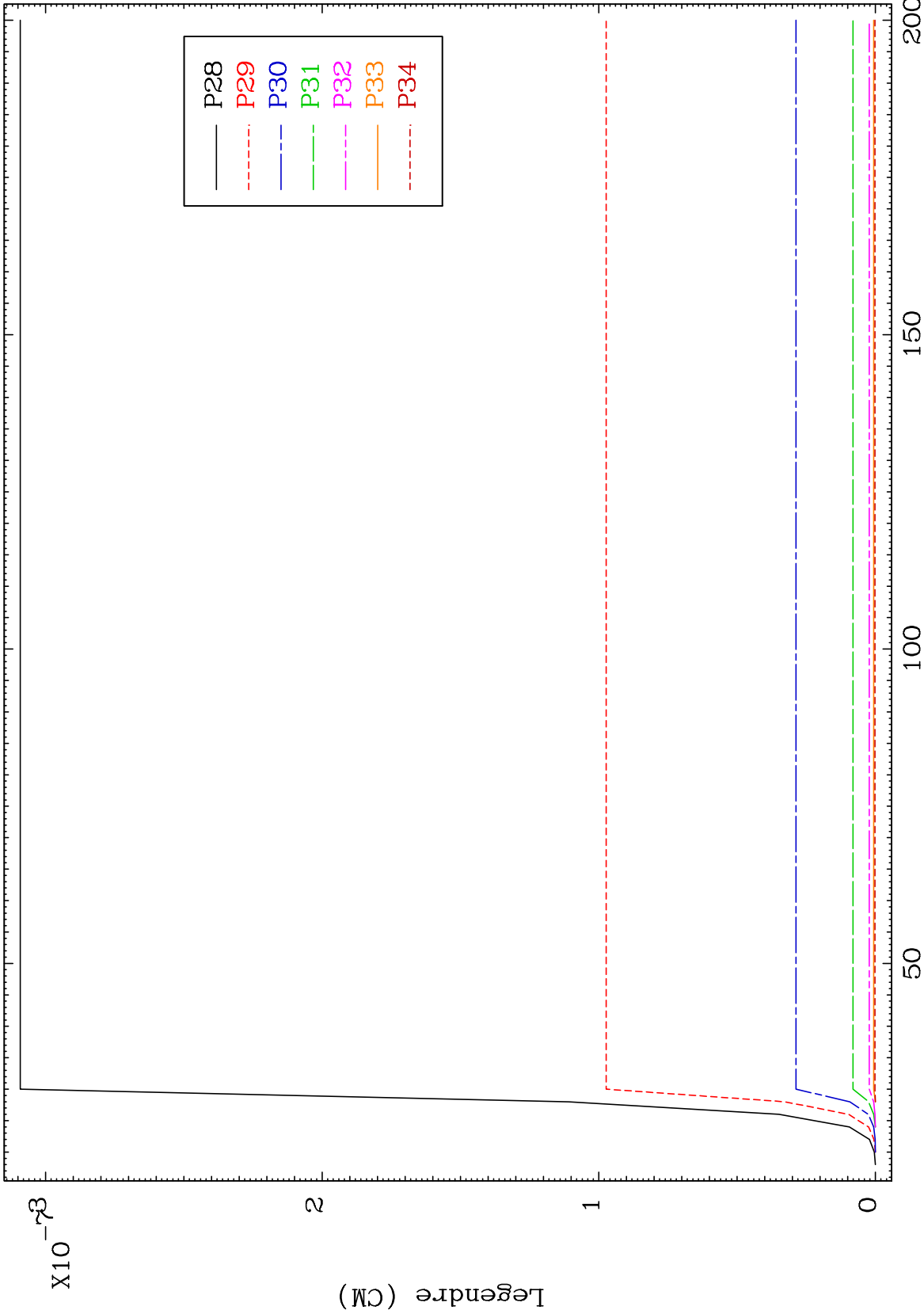
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96

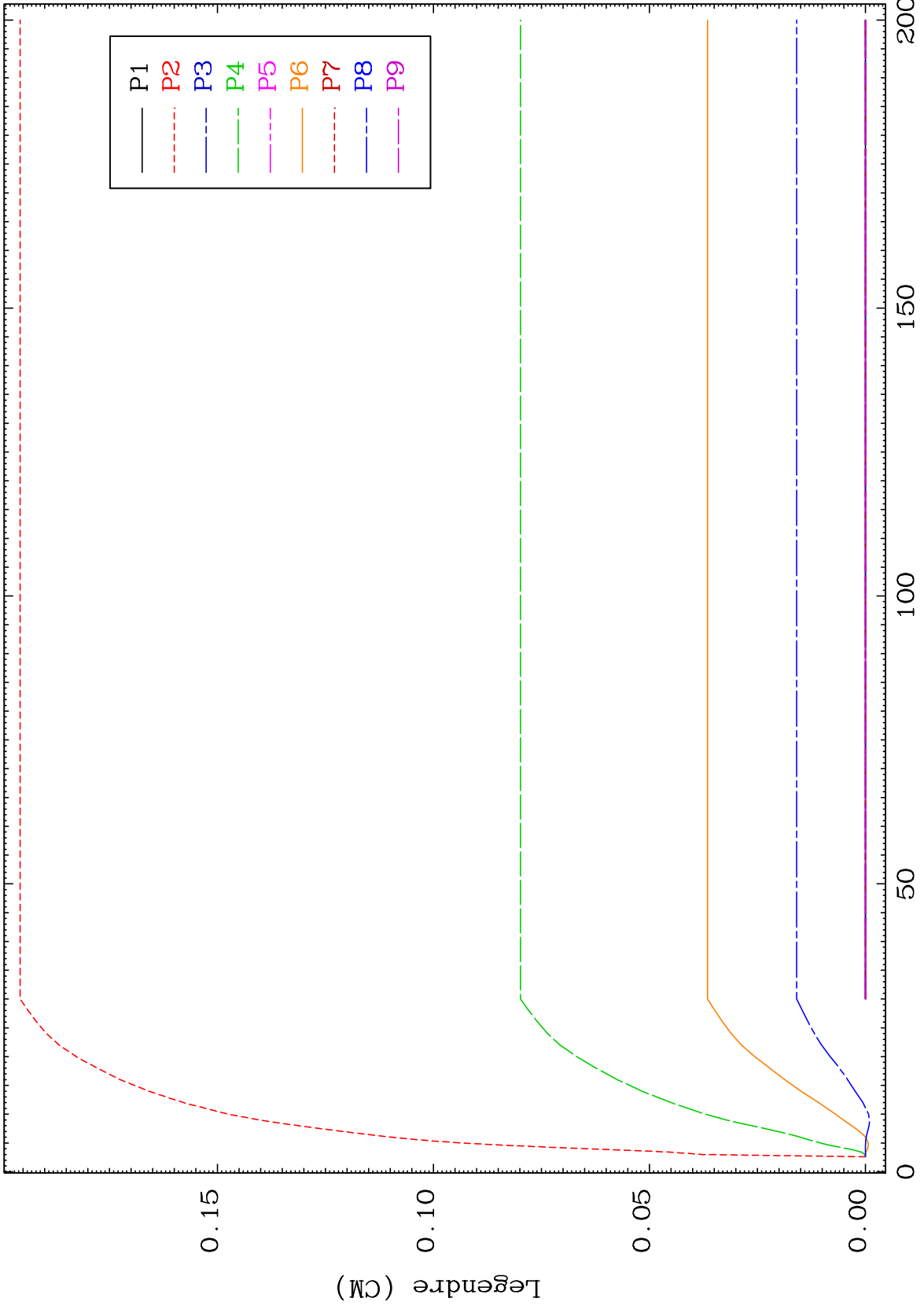


57

Incident Energy (MeV)

44-Ru-96

MAT 4425 MT= 61 (n,n') Level Legendre Coefficients 44-Ru-96

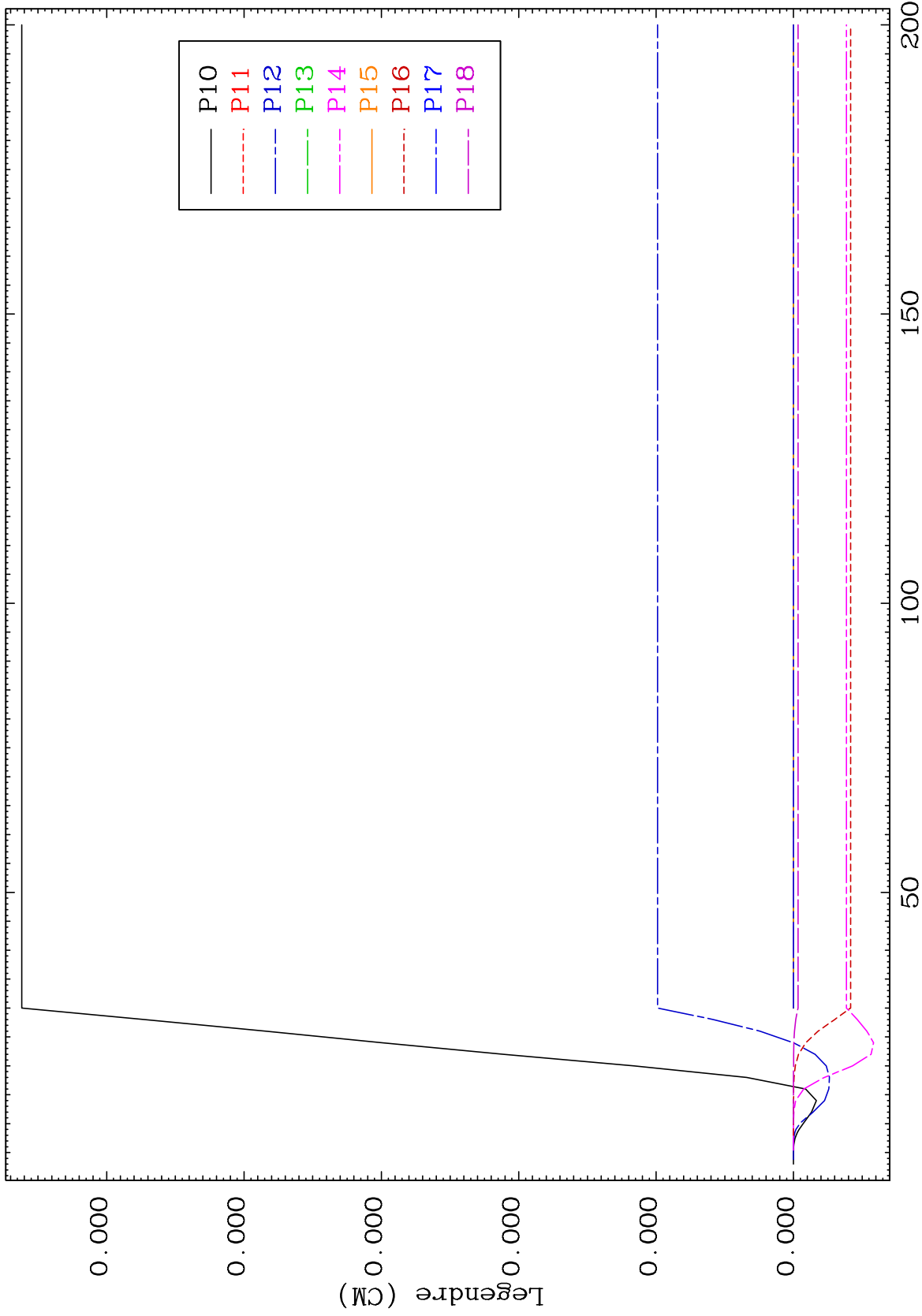


58 44-Ru-96

MAT 4425

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

44-Ru-96



59

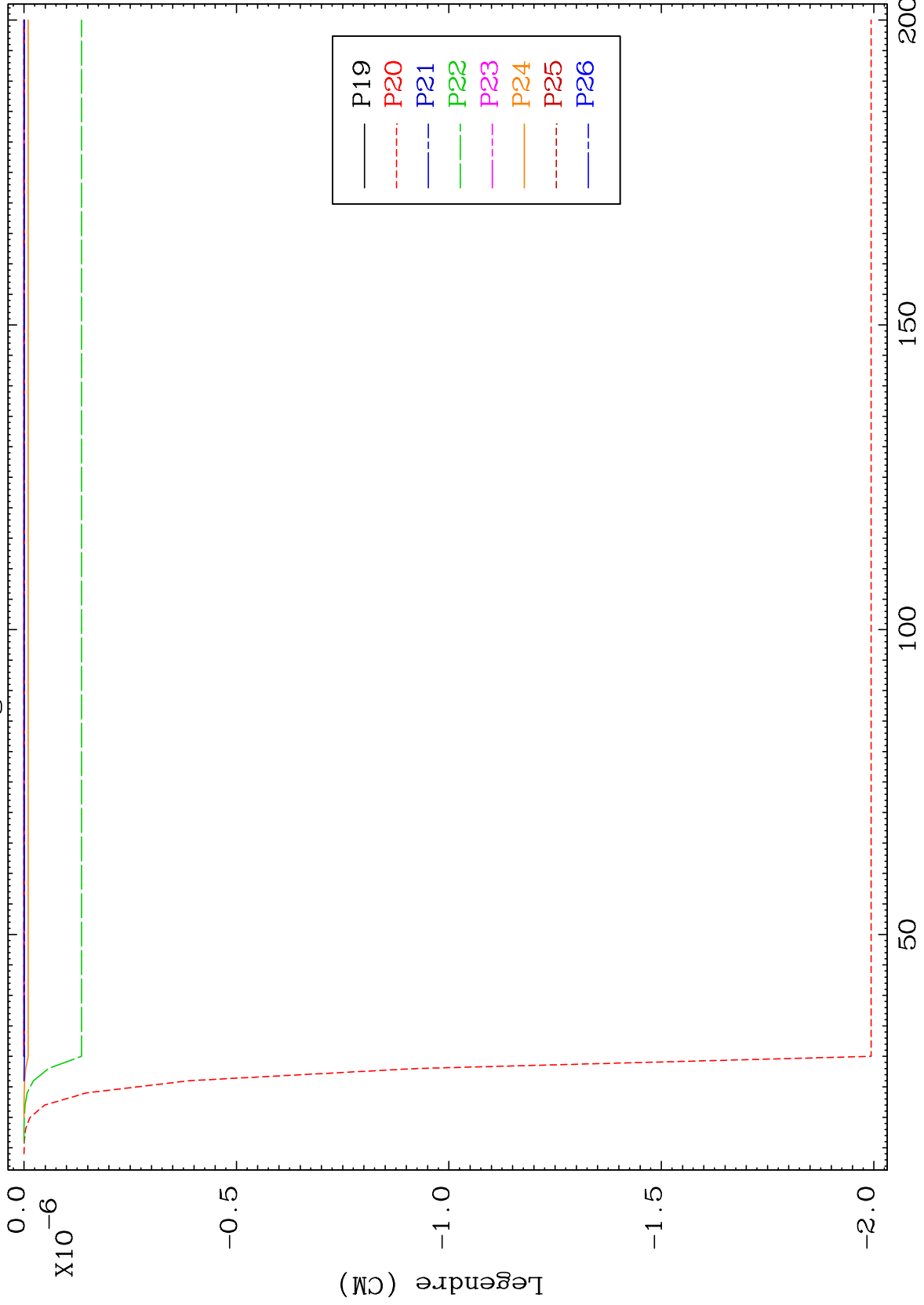
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



44-Ru-96

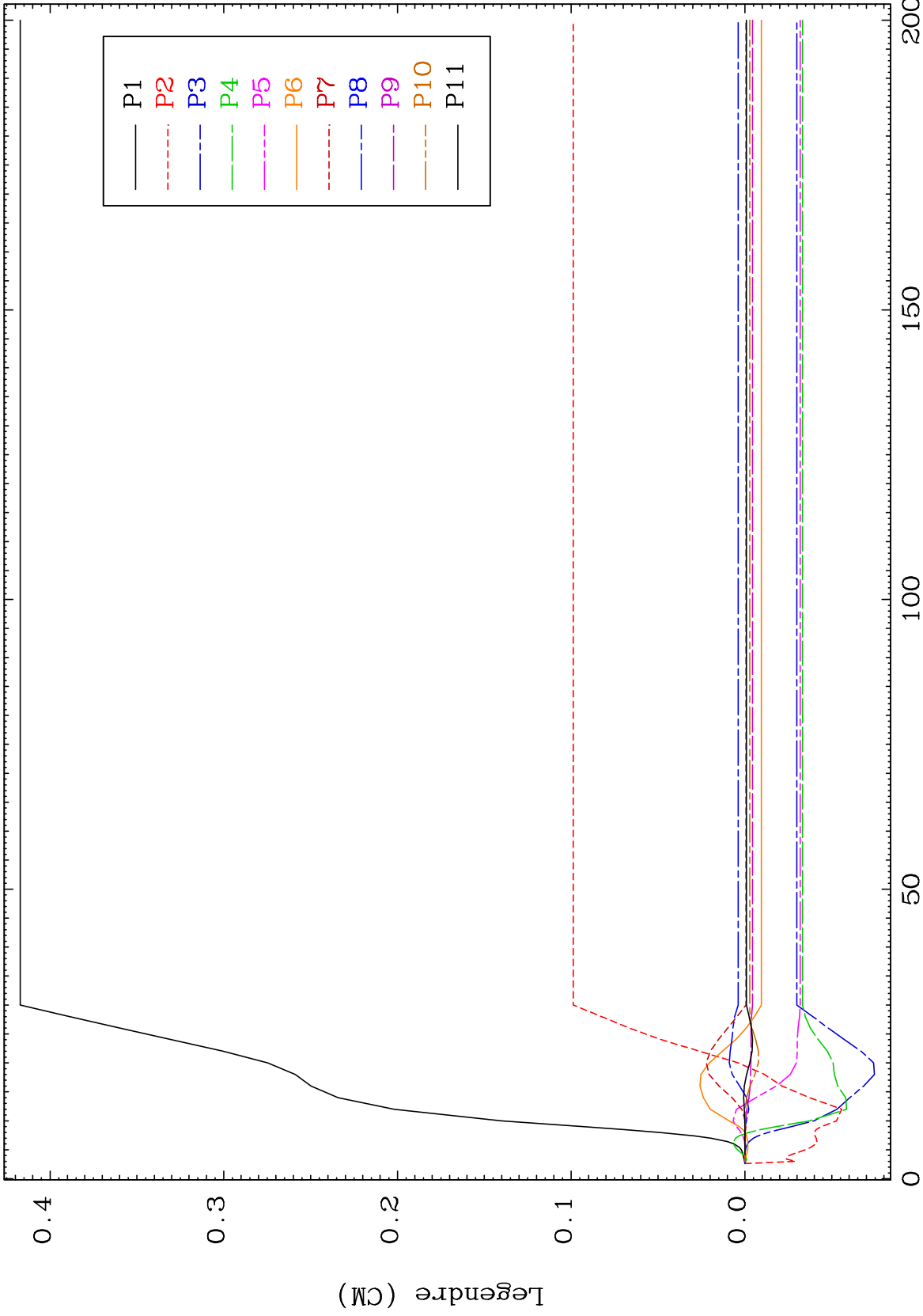
Incident Energy (MeV)

60

MAT 4425

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

44-Ru-96



61

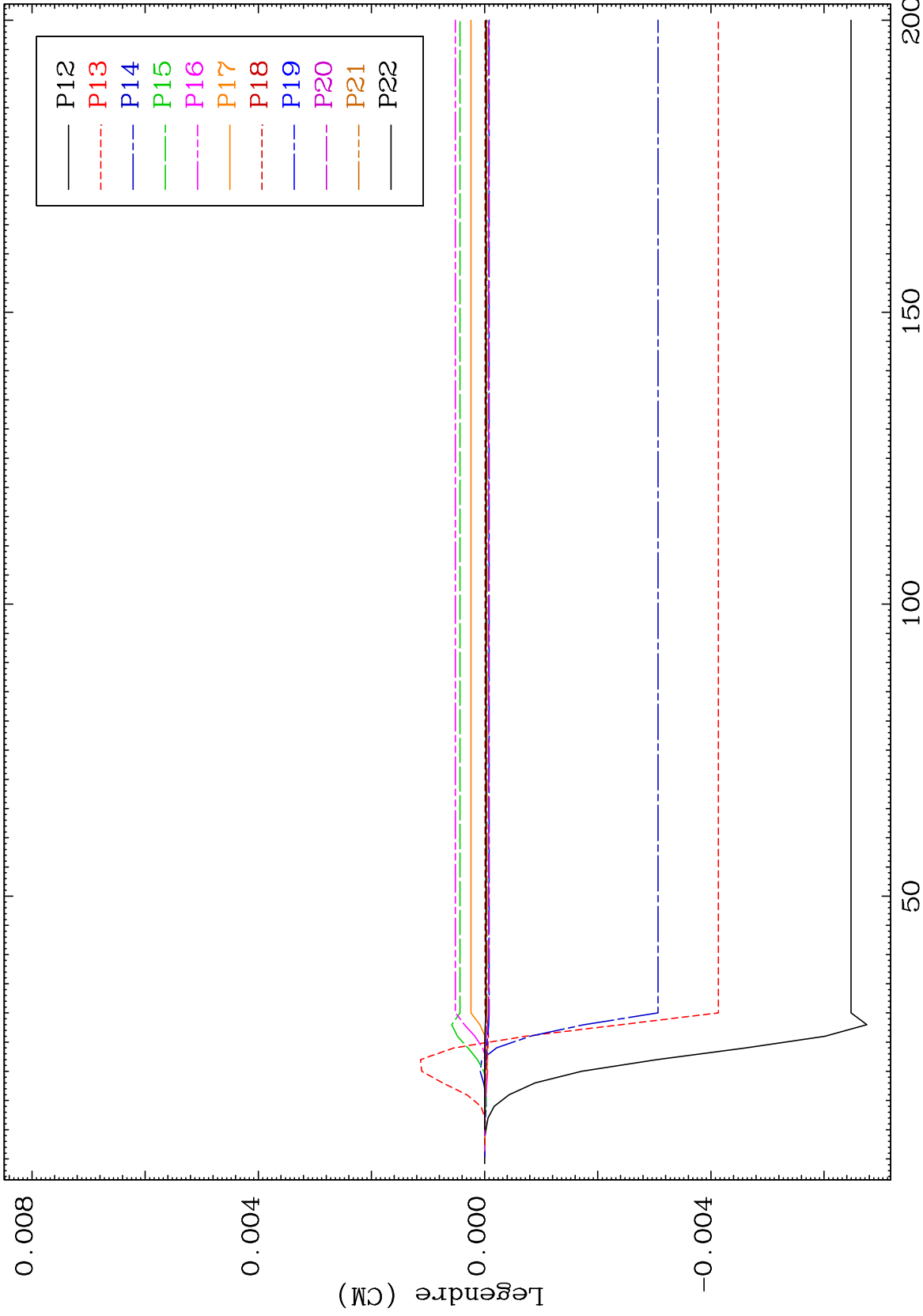
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



62

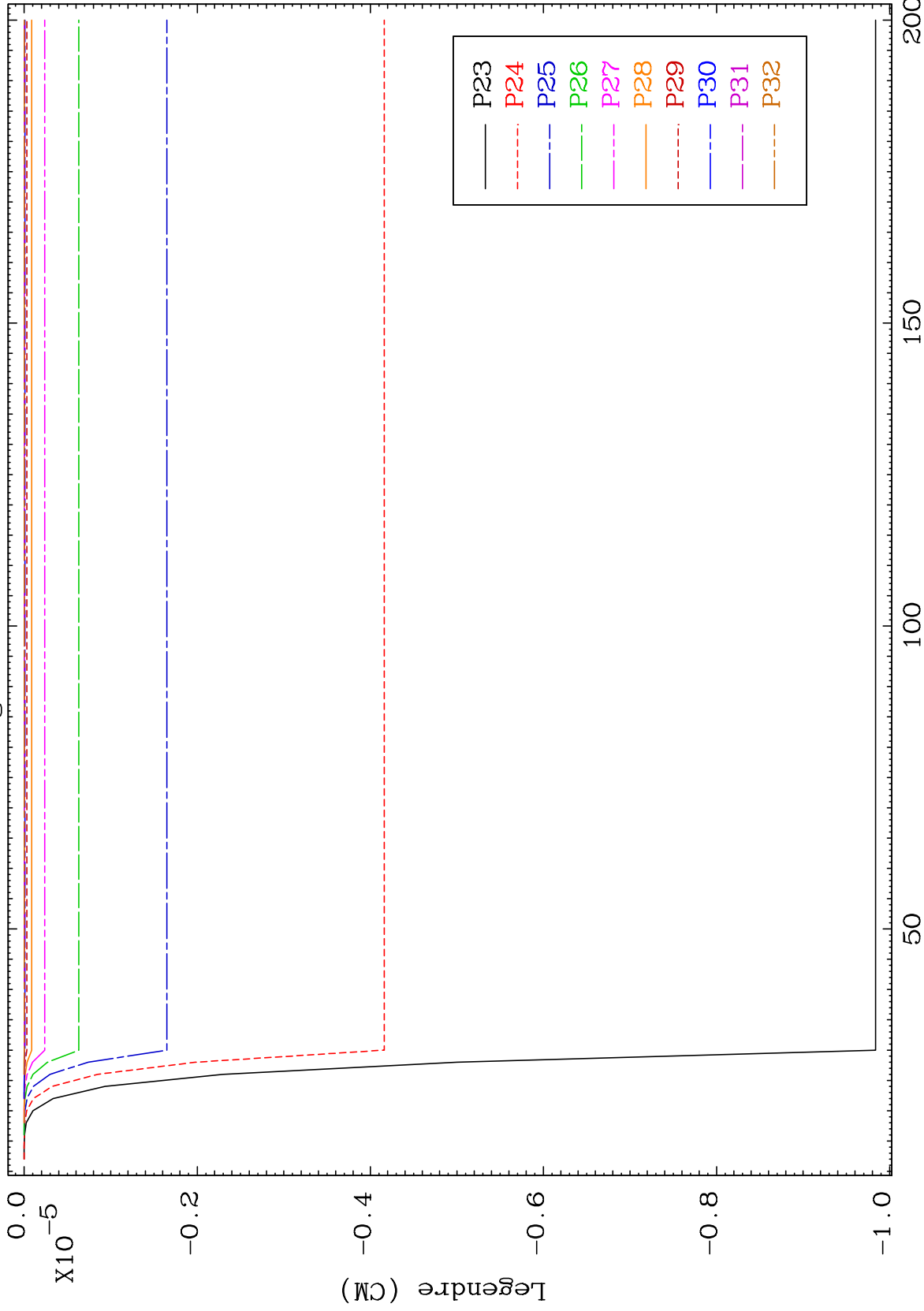
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



63

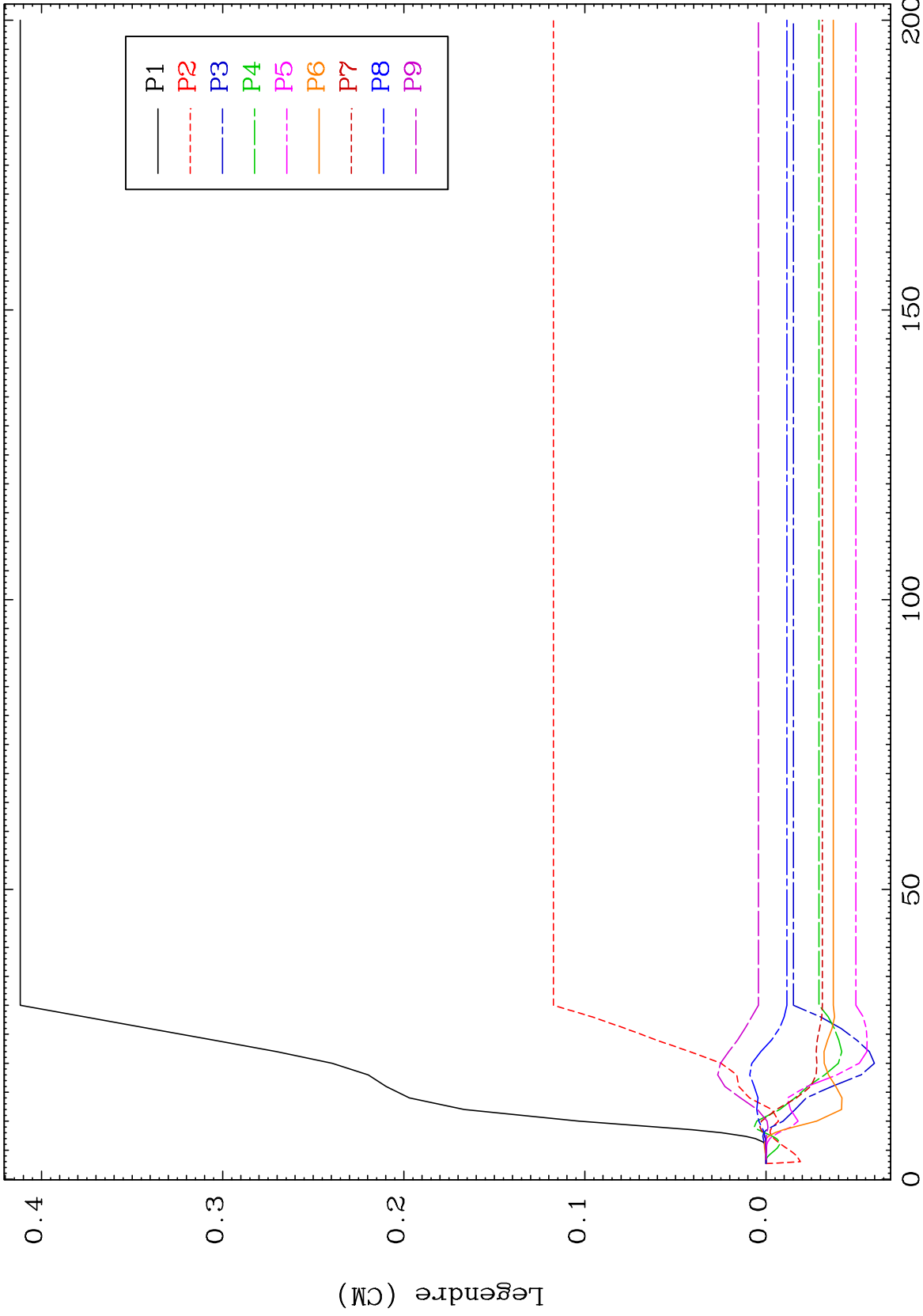
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



64

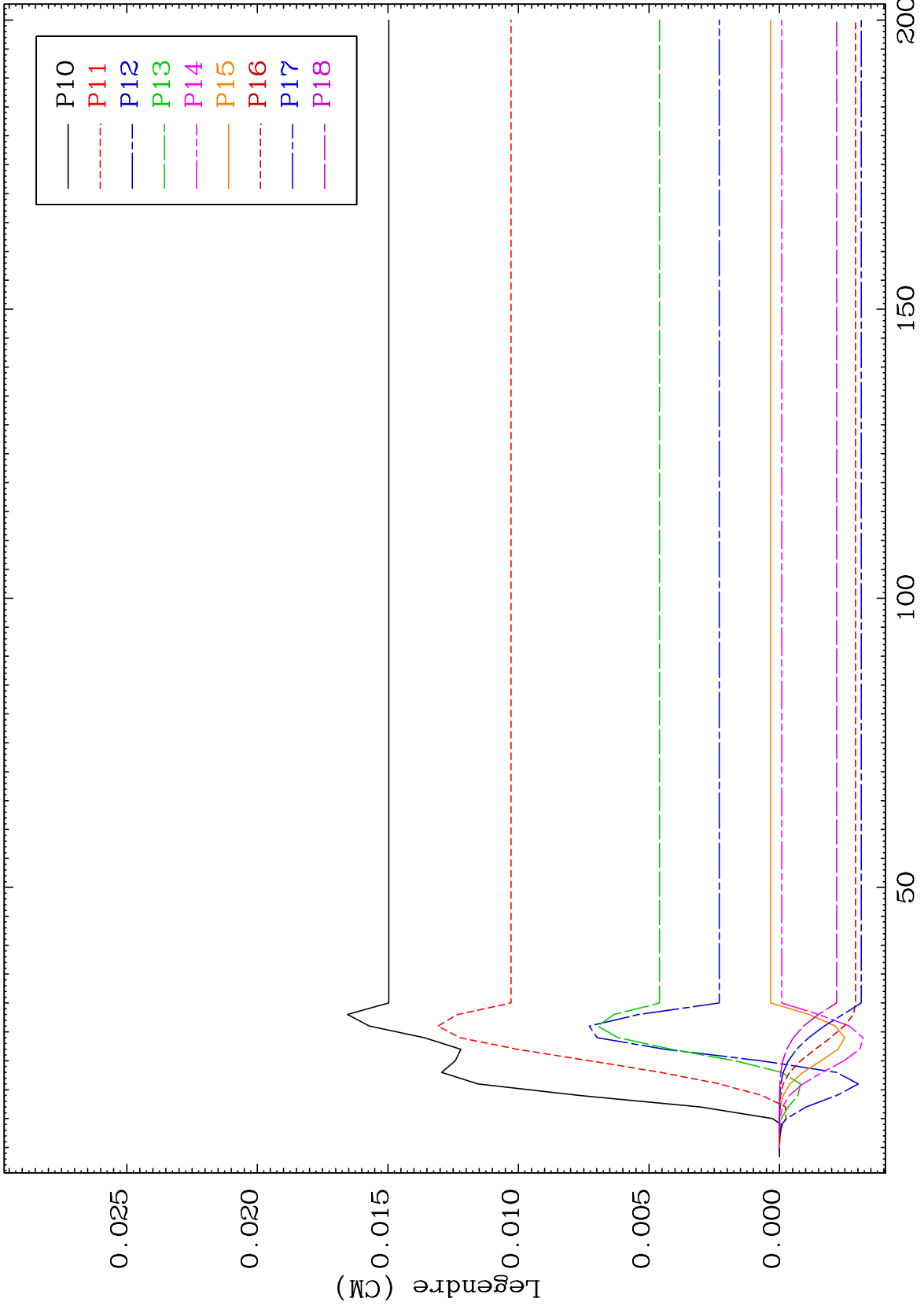
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

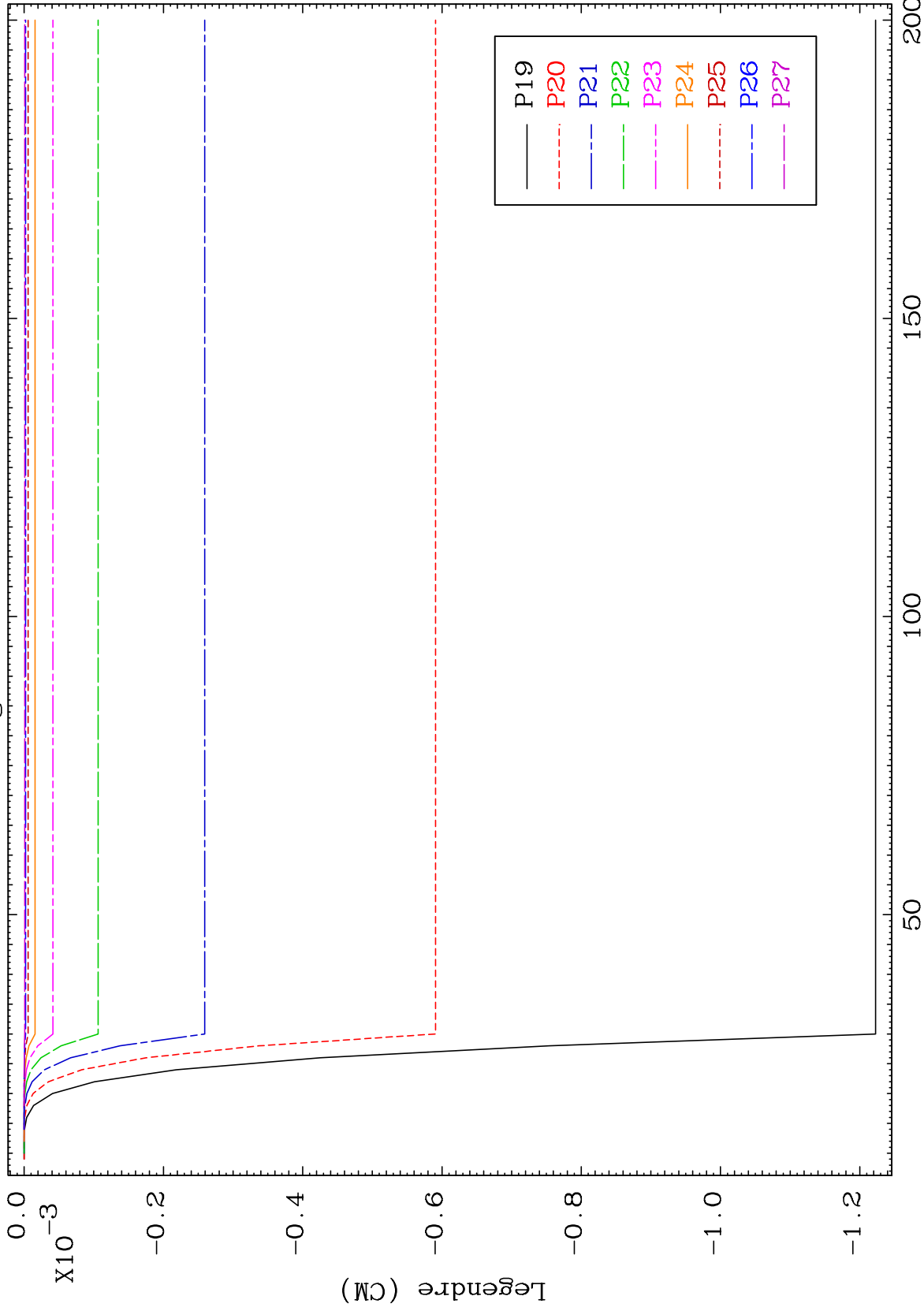
44-Ru-96



65

Incident Energy (MeV)

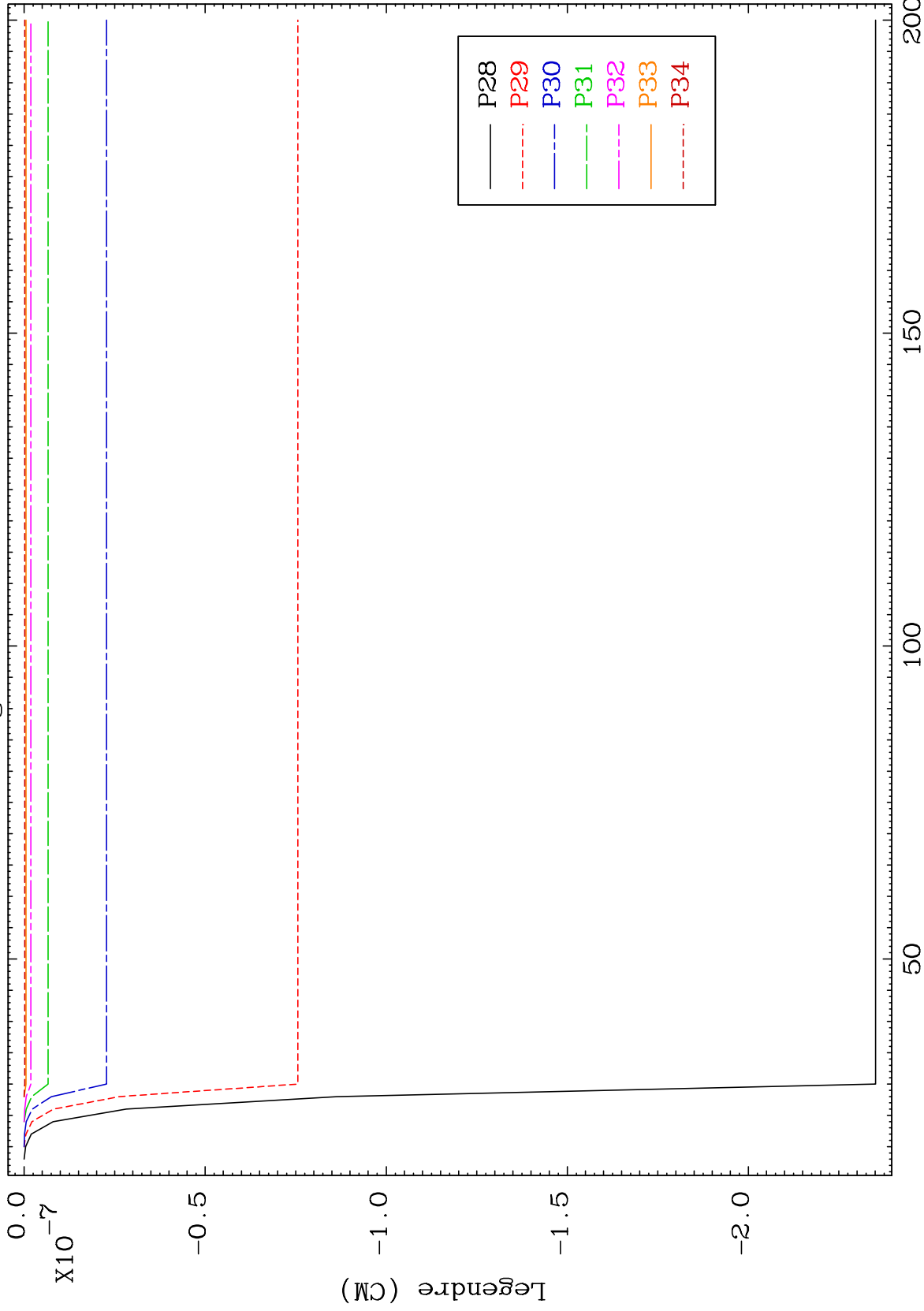
44-Ru-96



MAT 4425

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

44-Ru-96



44-Ru-96

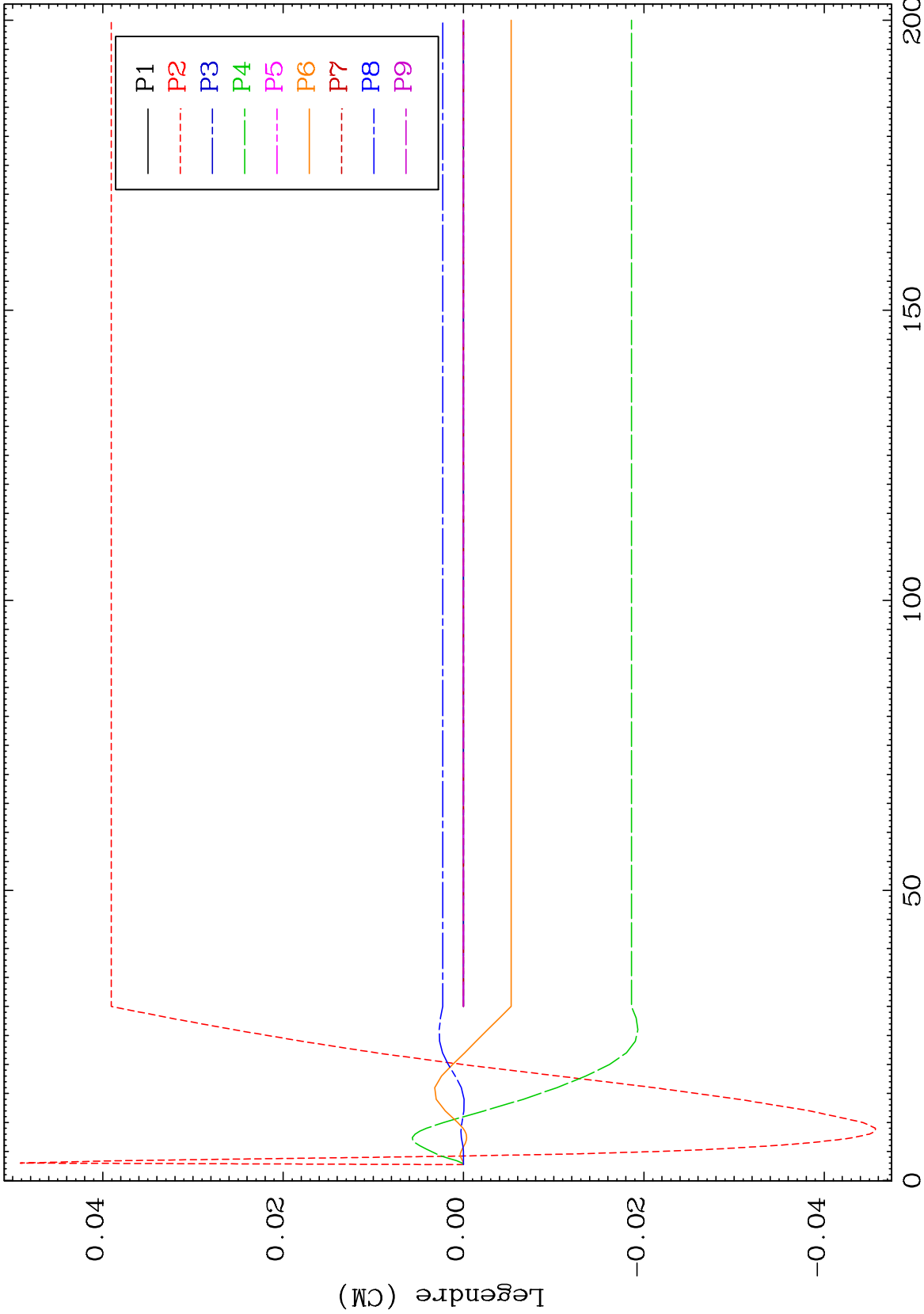
Incident Energy (MeV)

67

MAT 4425

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

44-Ru-96



68

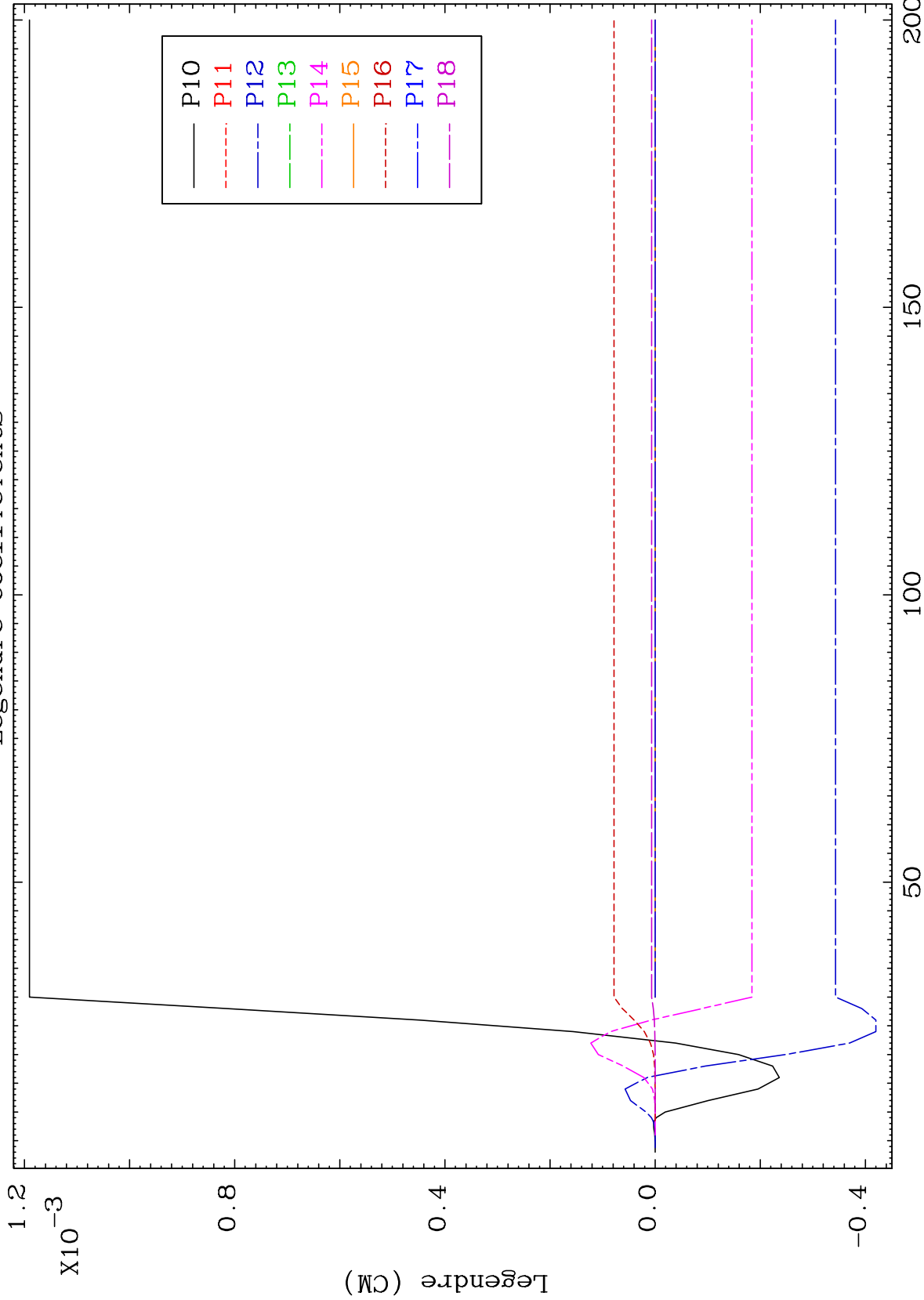
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96

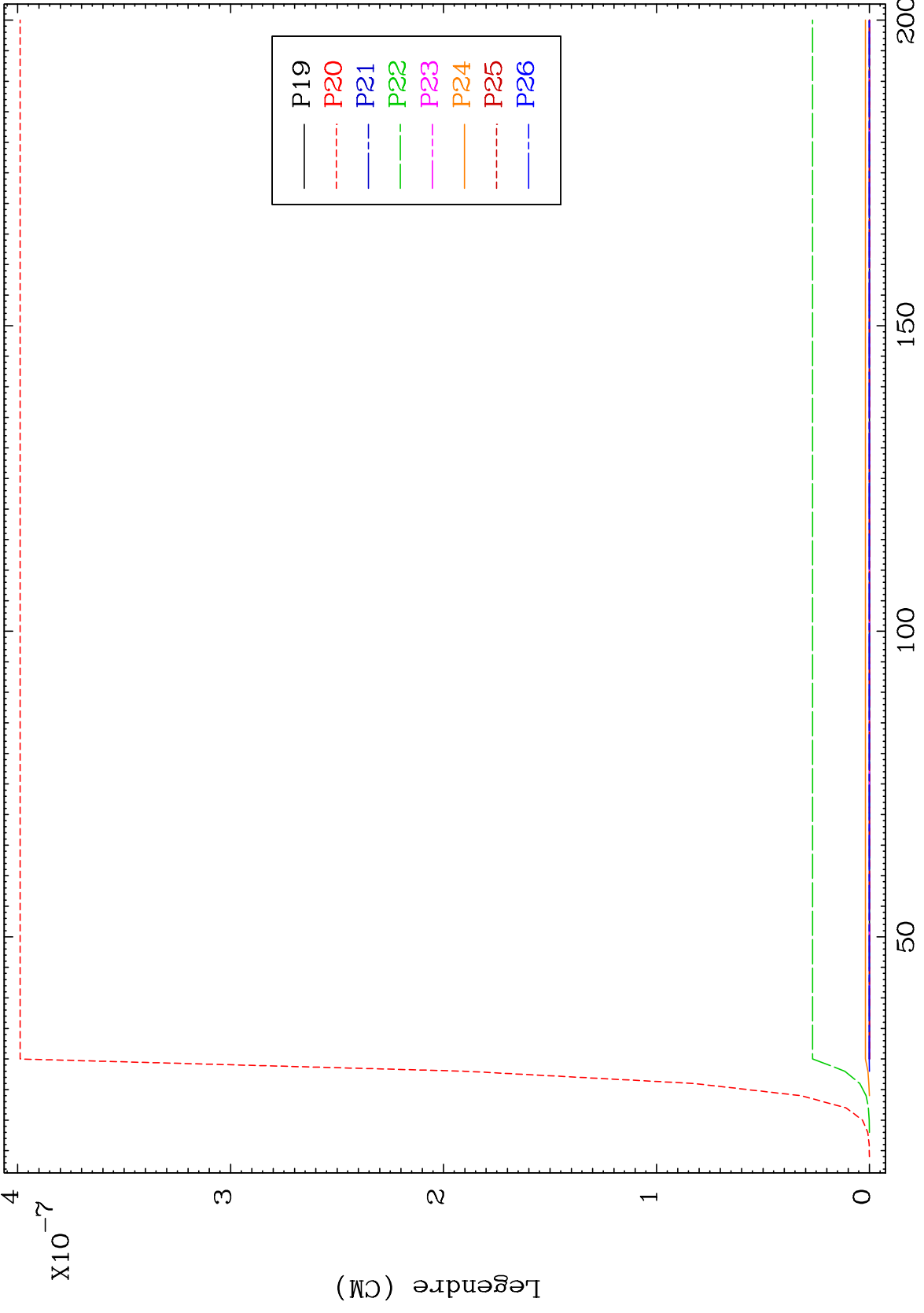


69

Incident Energy (MeV)

44-Ru-96

MAT 4425 MT= 64 (n,n') Level Legendre Coefficients 44-Ru-96

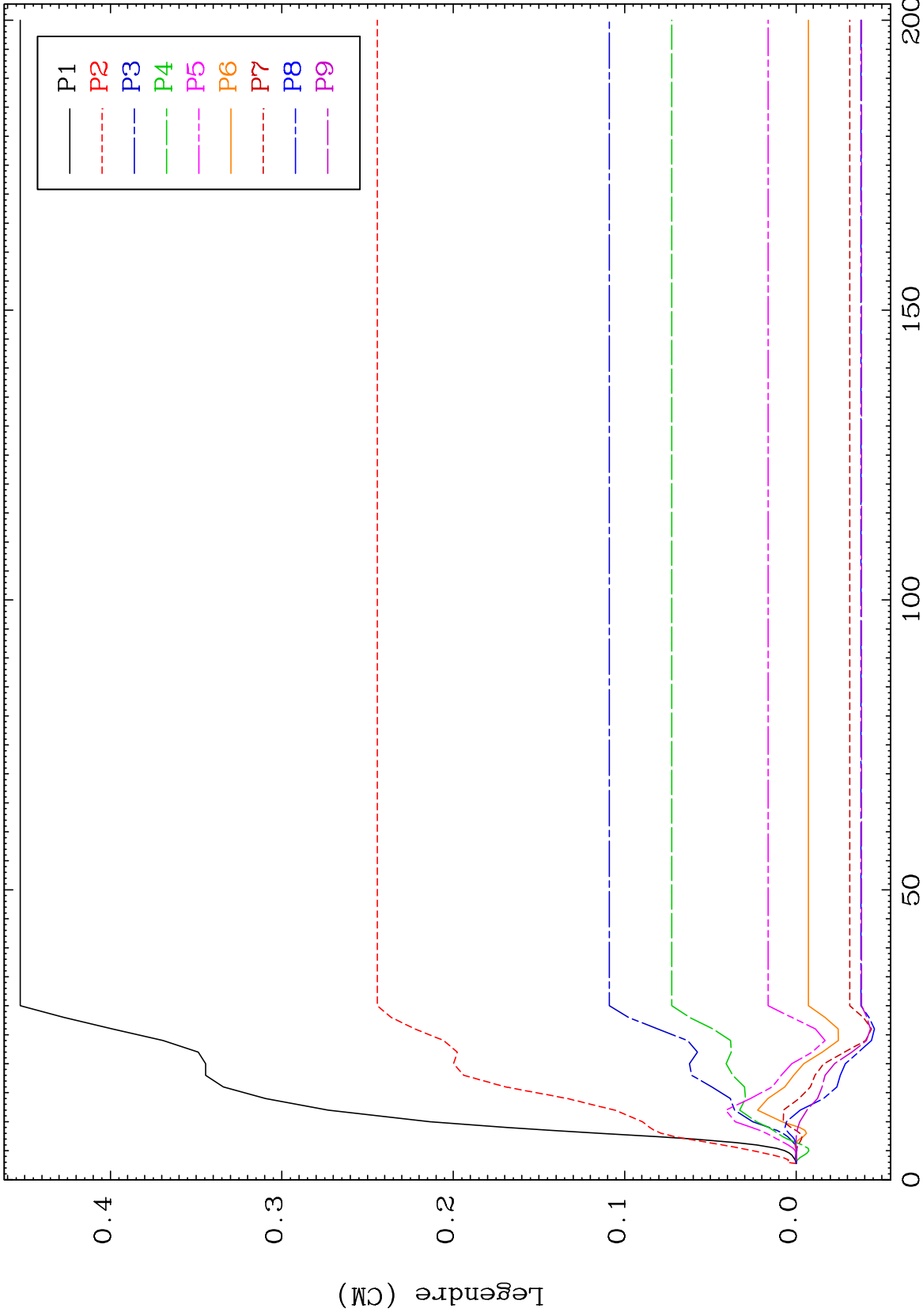


70 Incident Energy (MeV) 44-Ru-96

MAT 4425

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

44-Ru-96



71

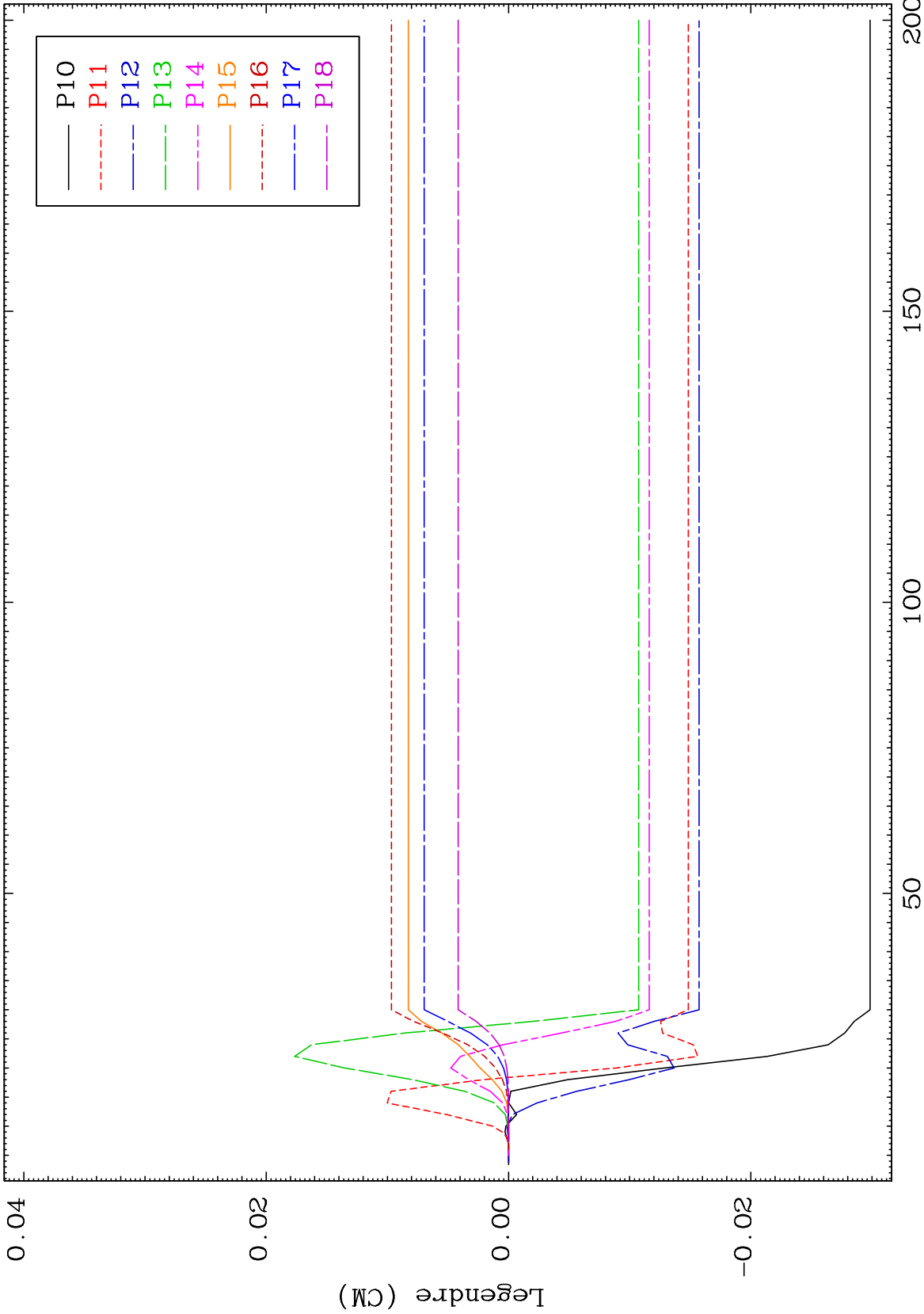
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



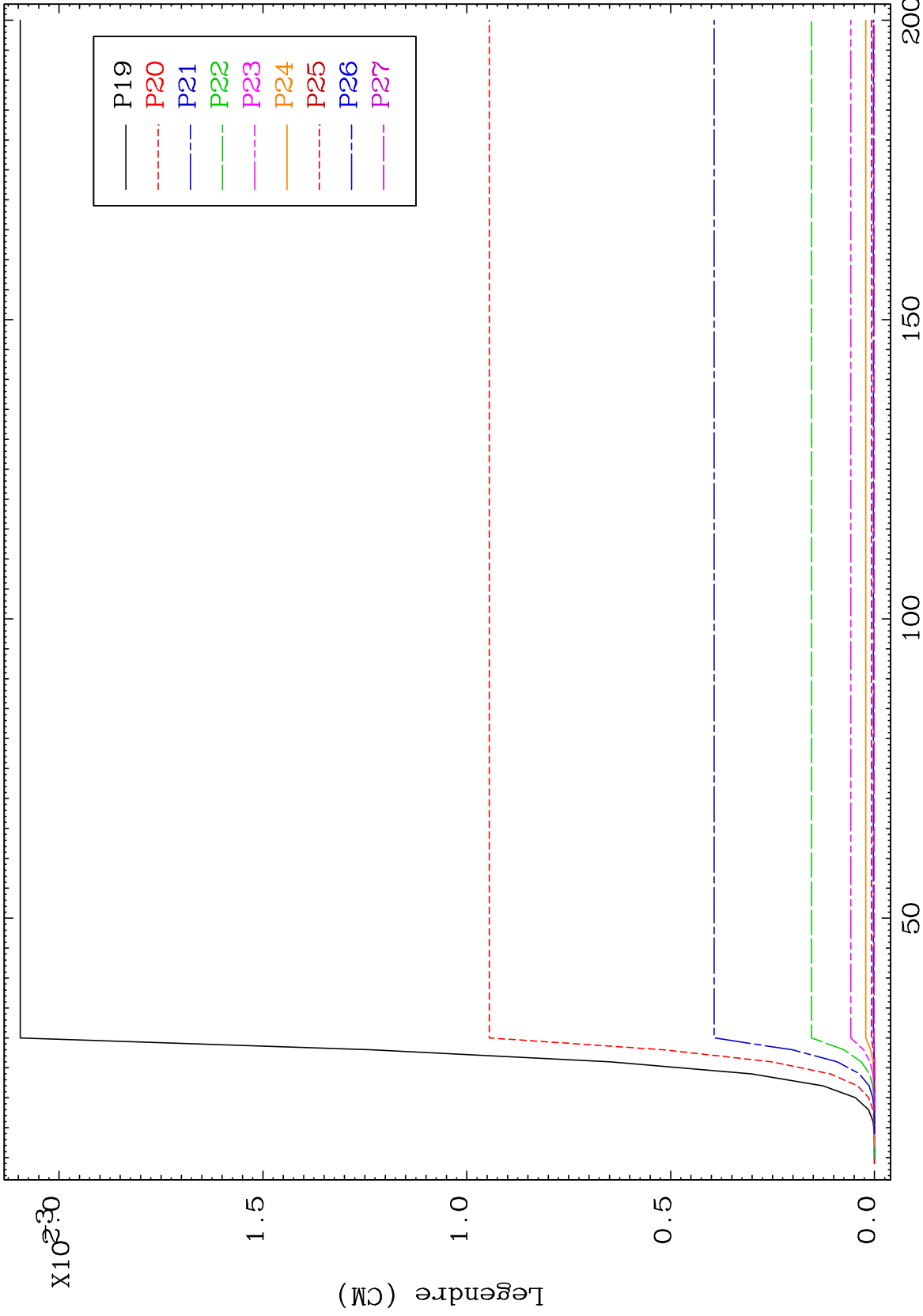
72

44-Ru-96

MAT 4425

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

44-Ru-96



73

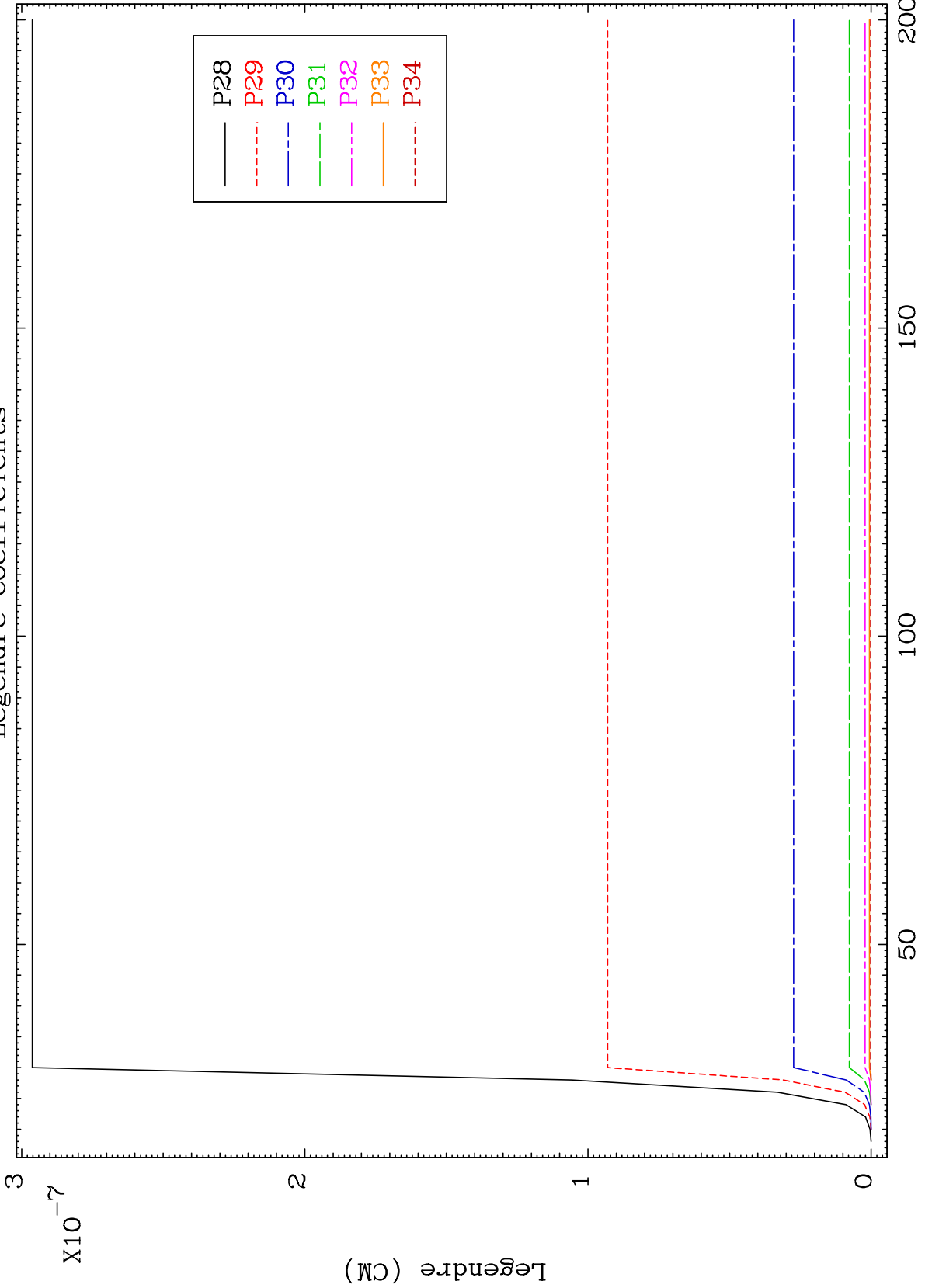
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



74

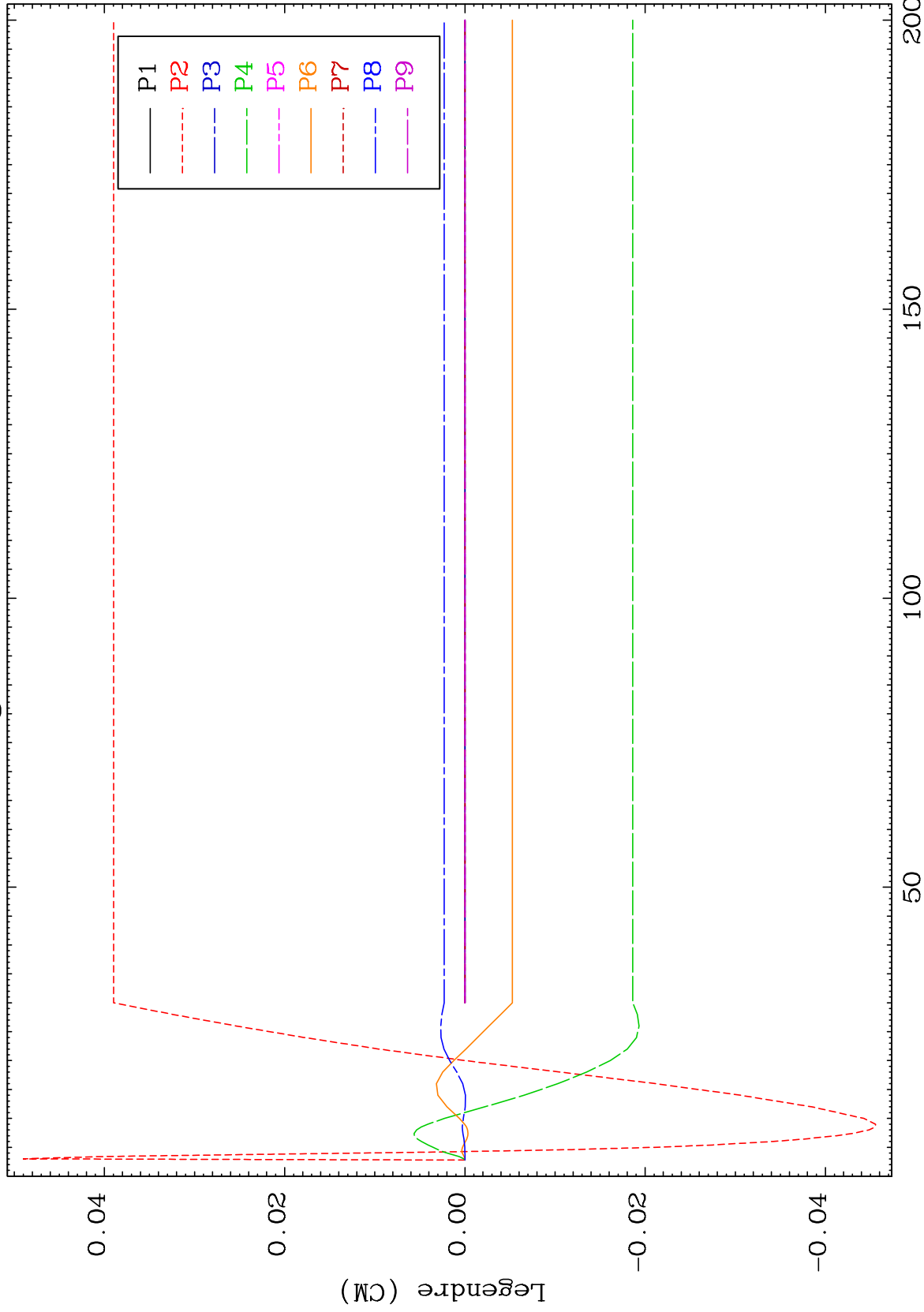
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



75

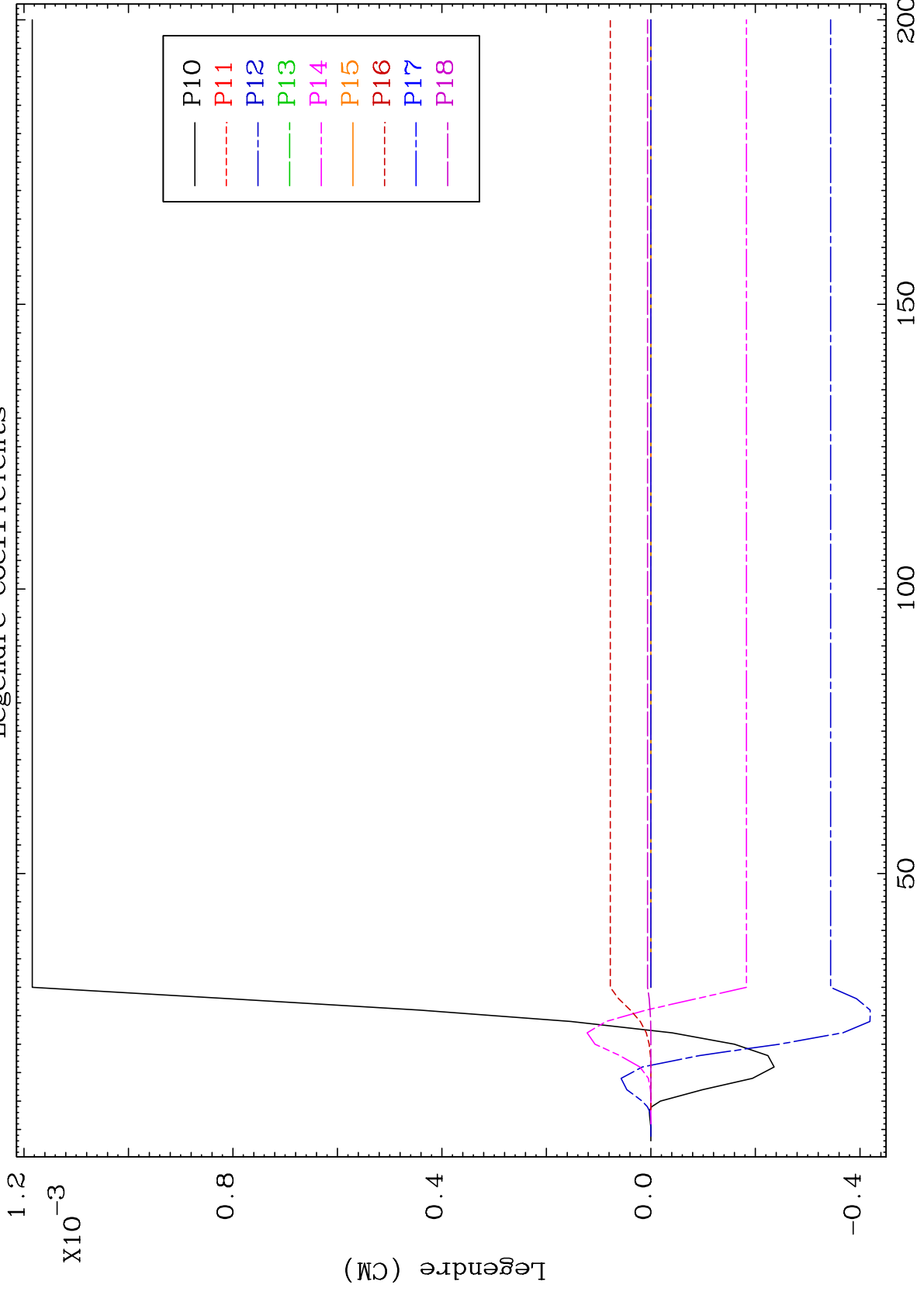
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



76

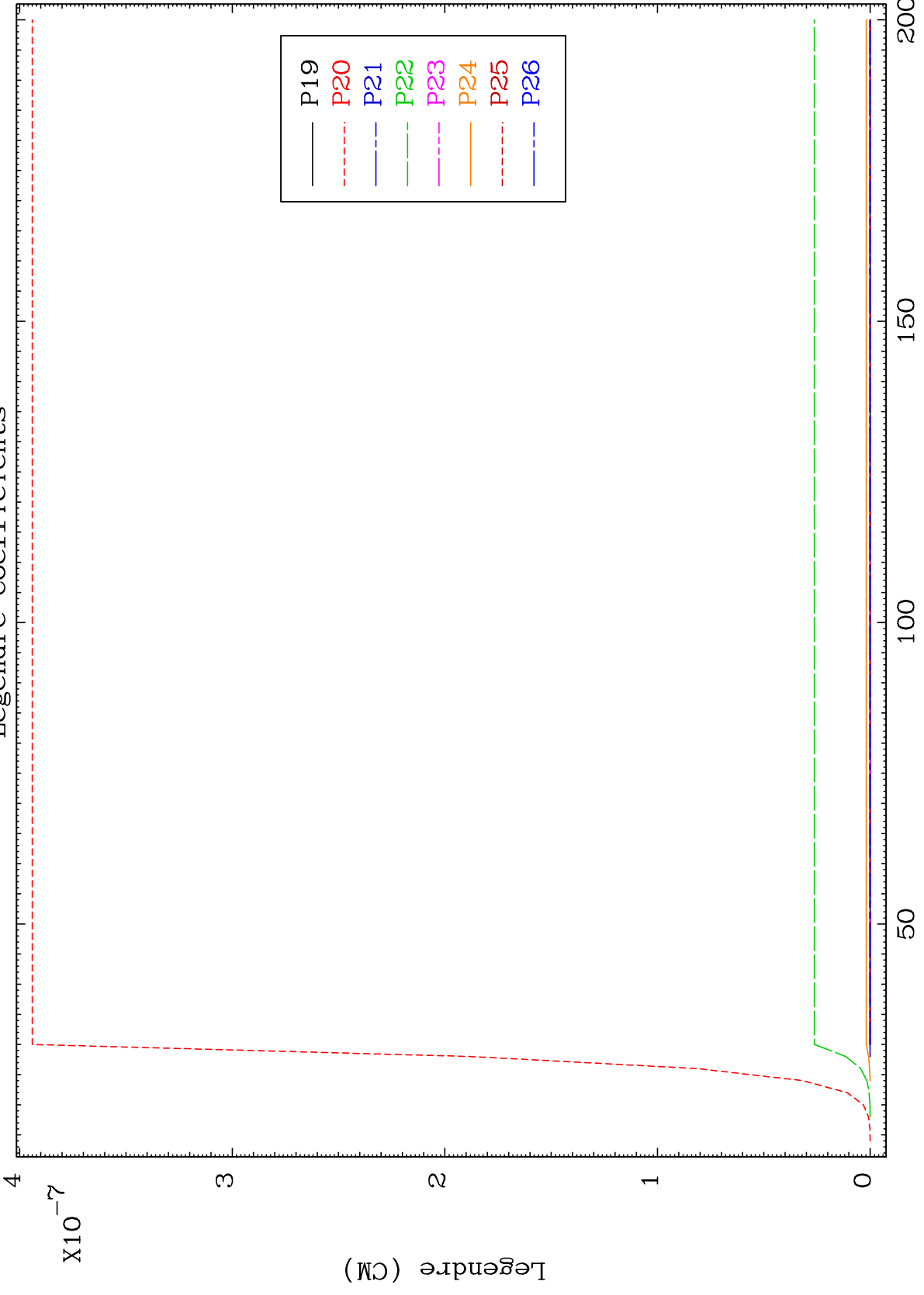
Incident Energy (MeV)

44-Ru-96

44-Ru-96

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

MAT 4425



44-Ru-96

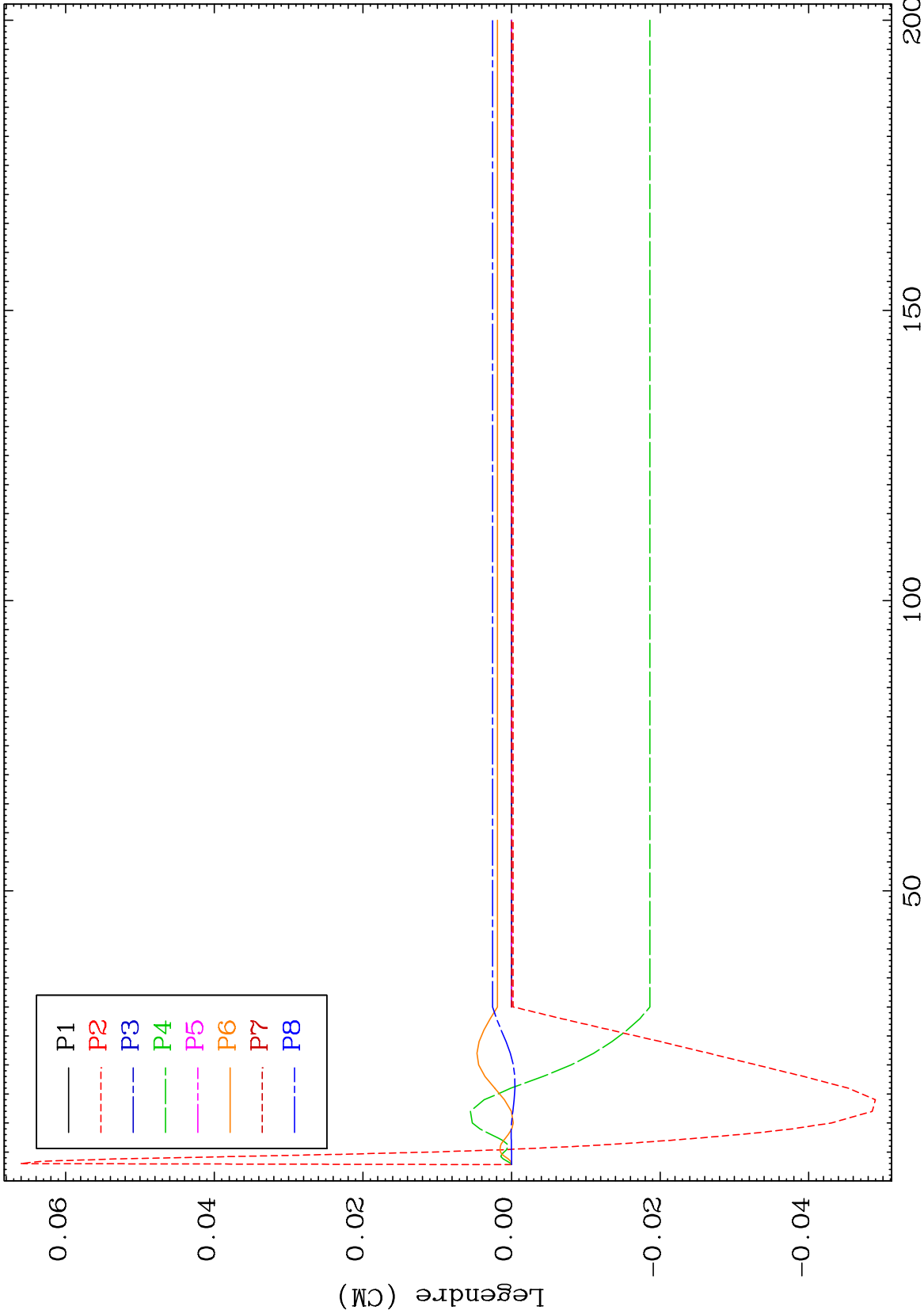
Incident Energy (MeV)

77

MAT 4425

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

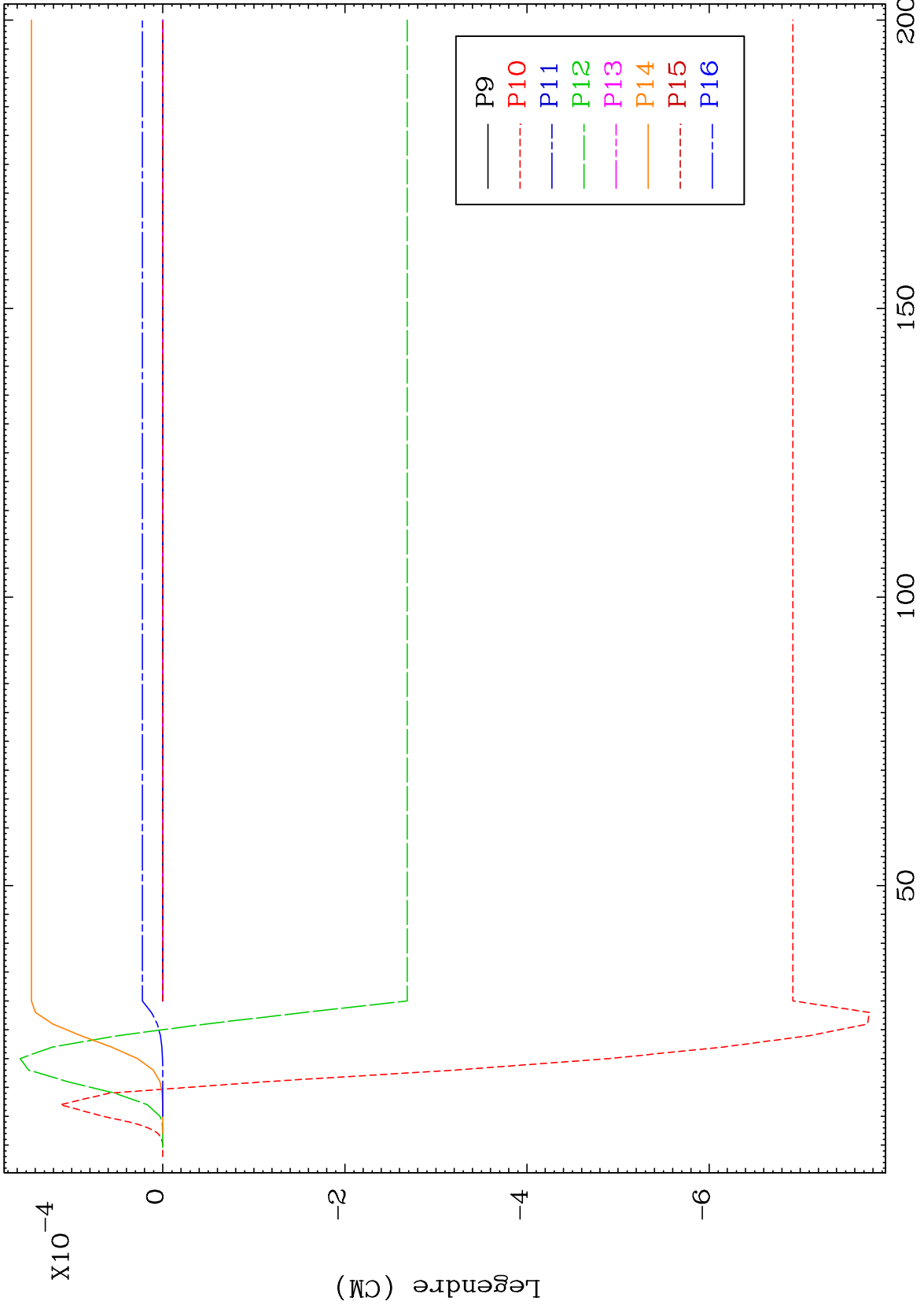
44-Ru-96



78

Incident Energy (MeV)

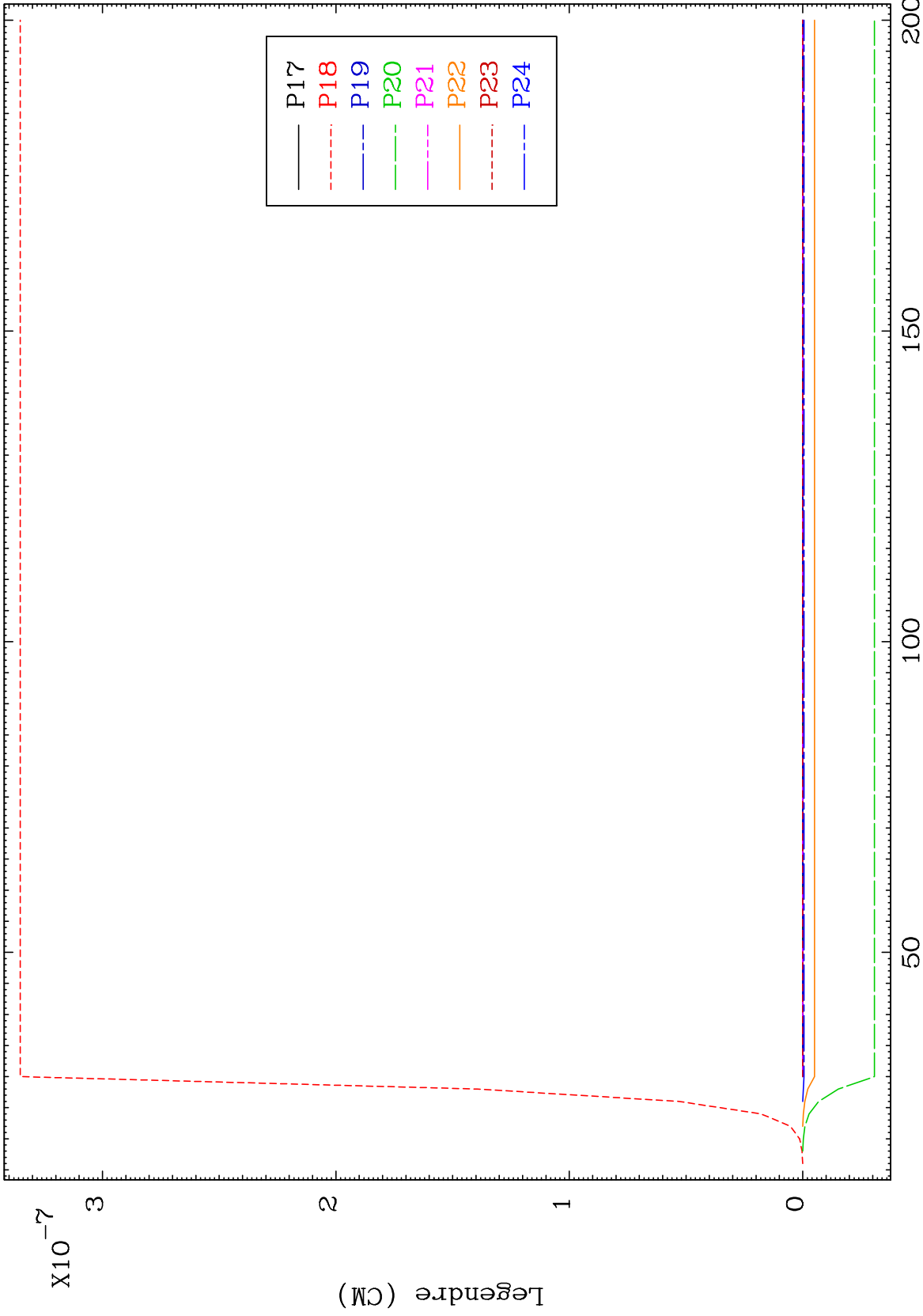
44-Ru-96



MAT 4425

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

44-Ru-96



80

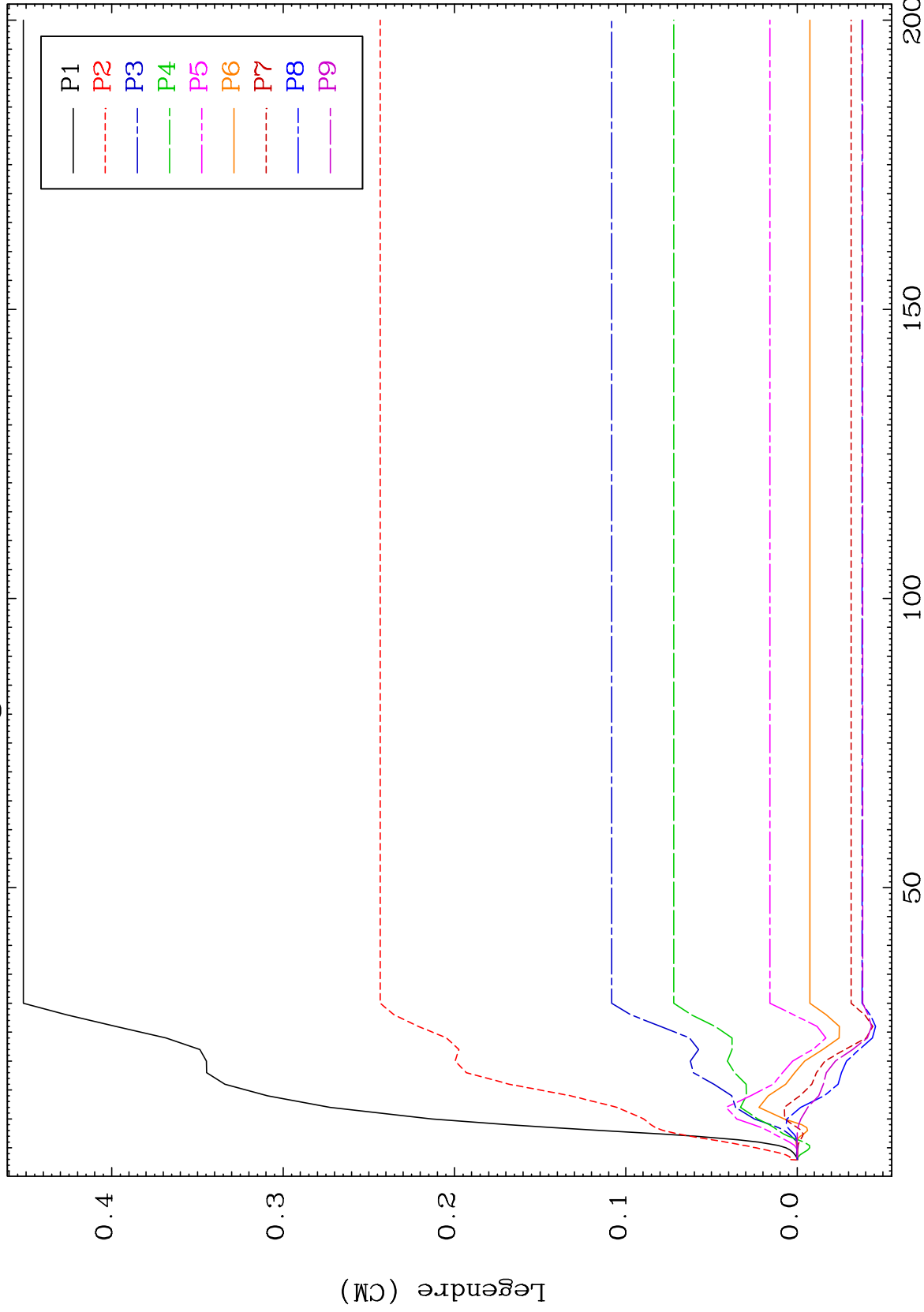
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



81

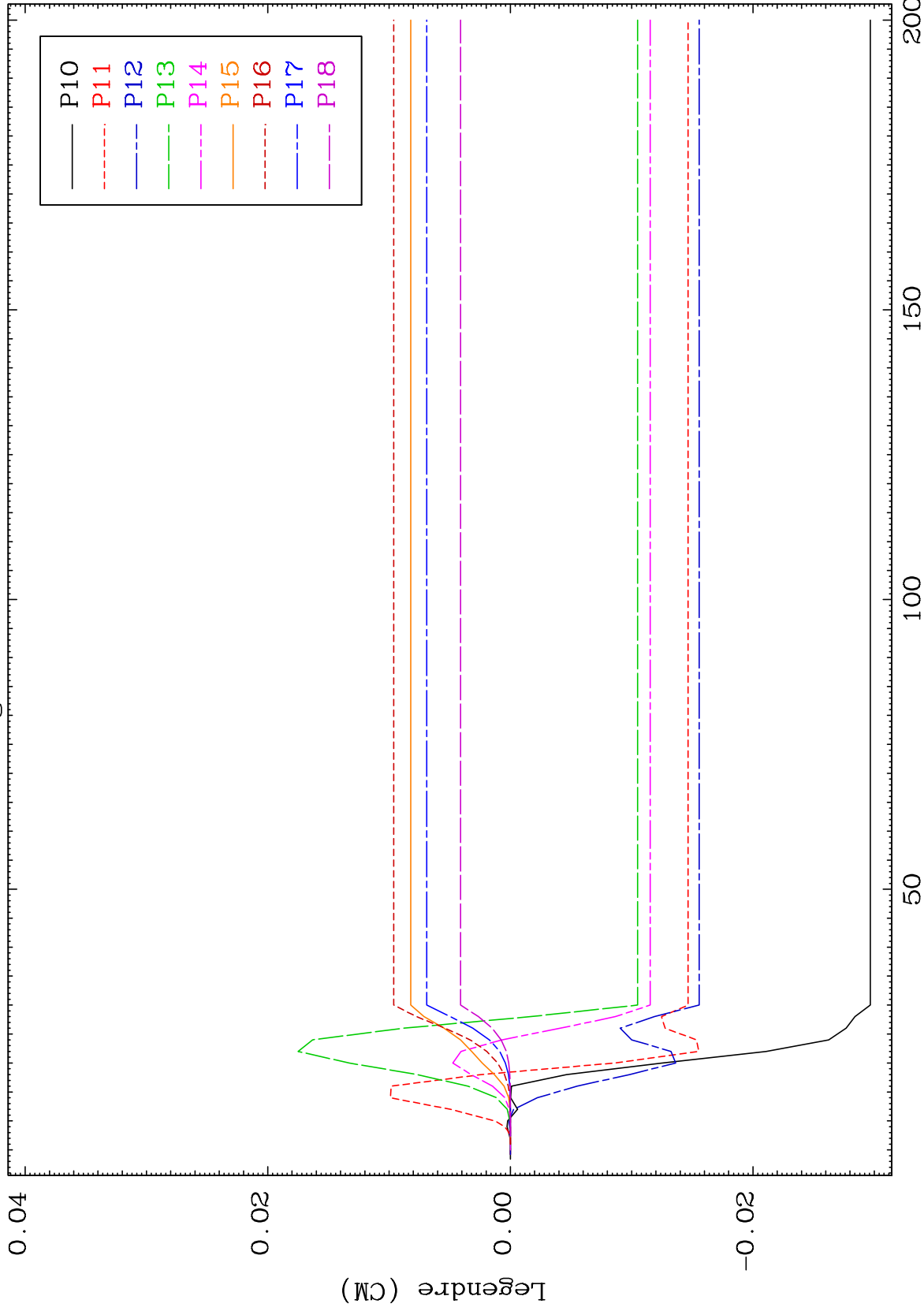
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



82

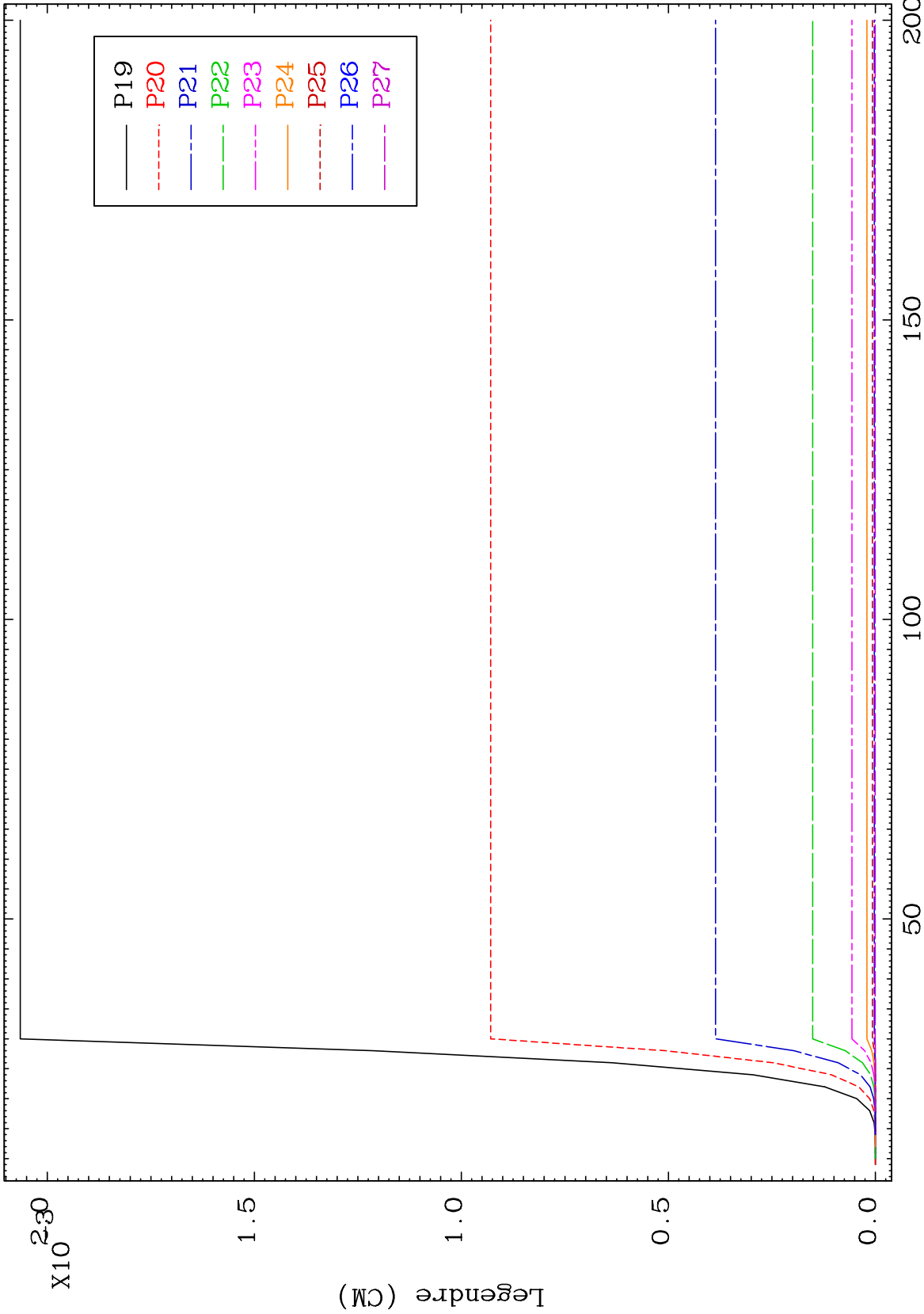
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



83

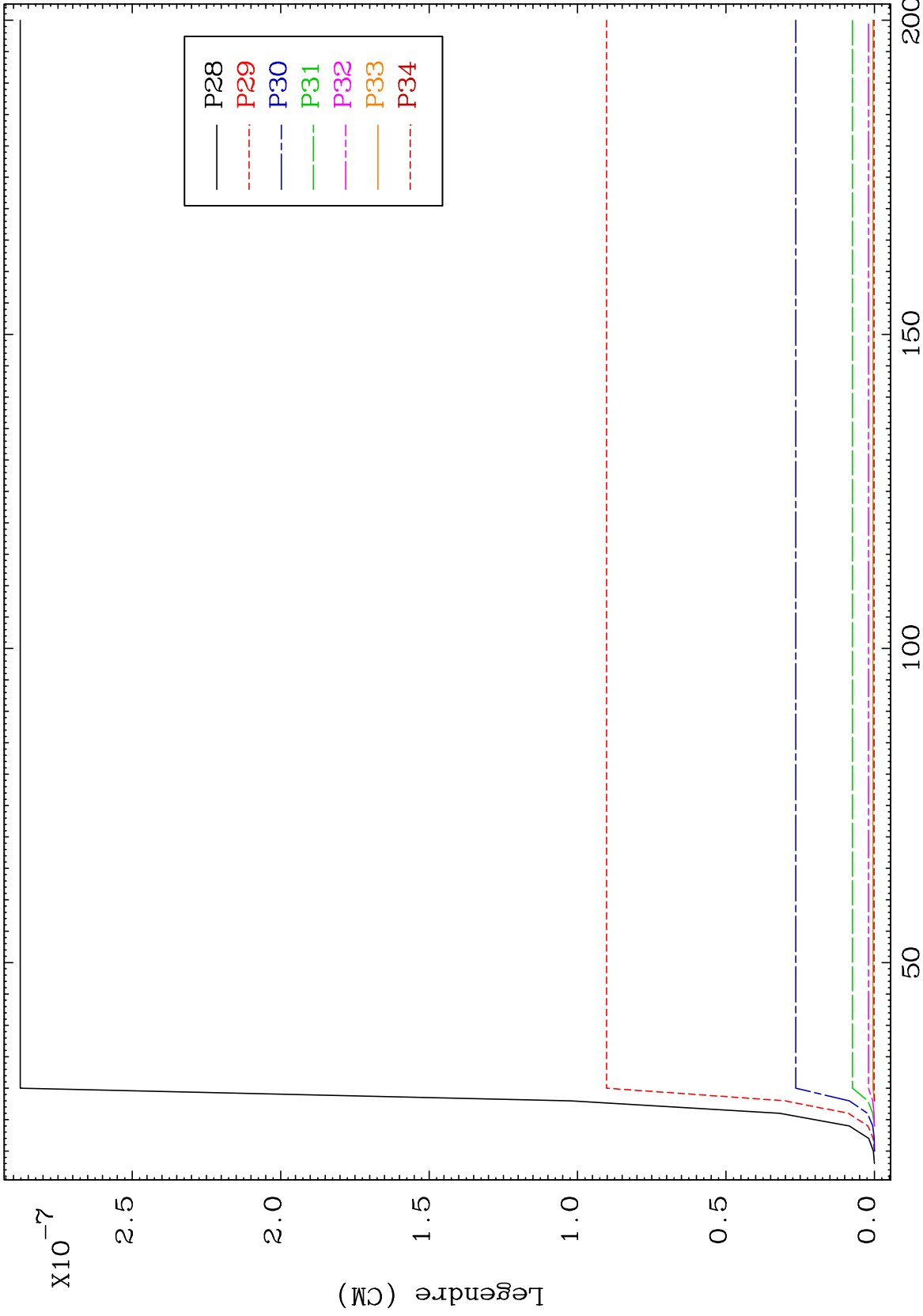
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



84

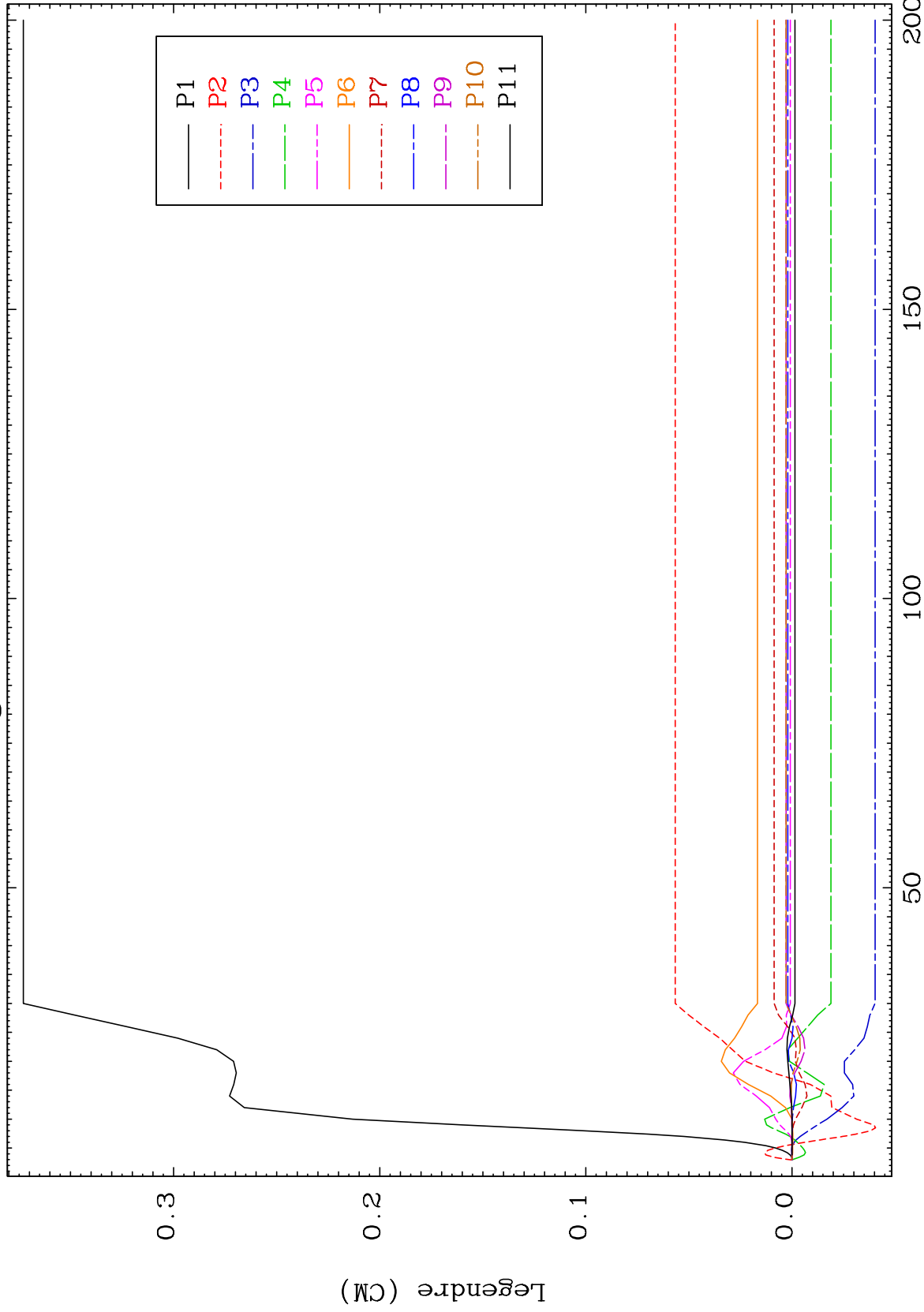
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



85

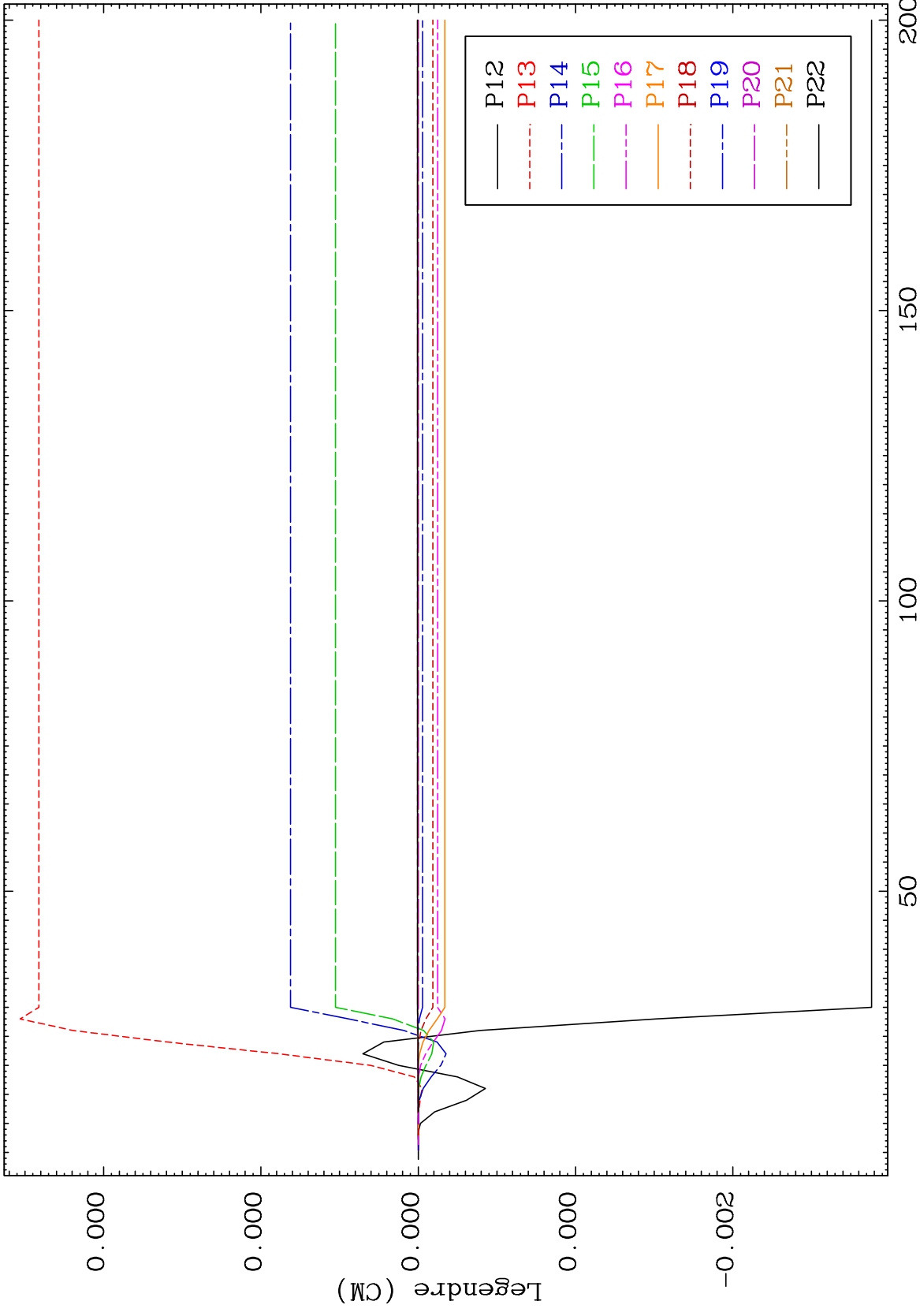
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



86

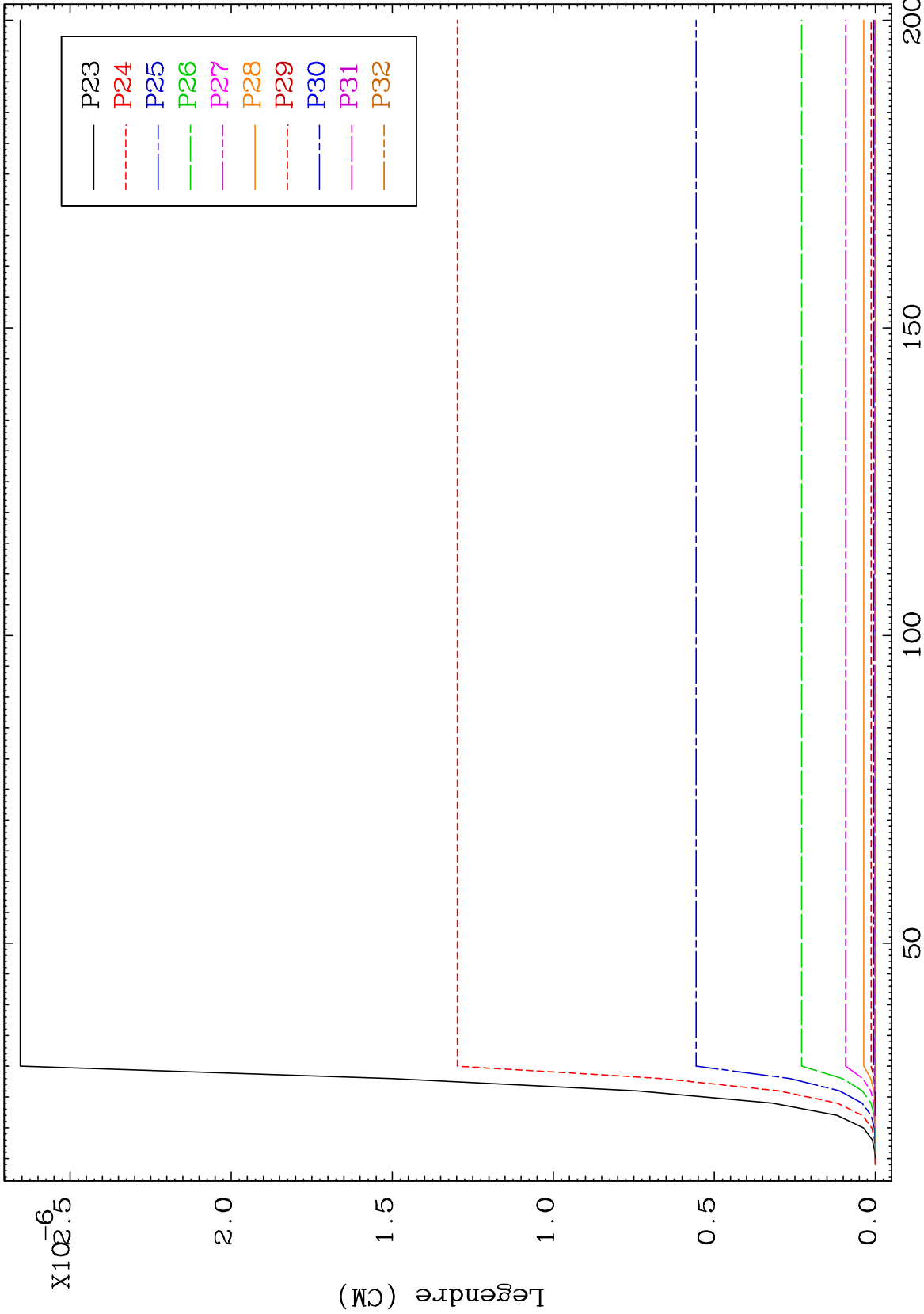
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96

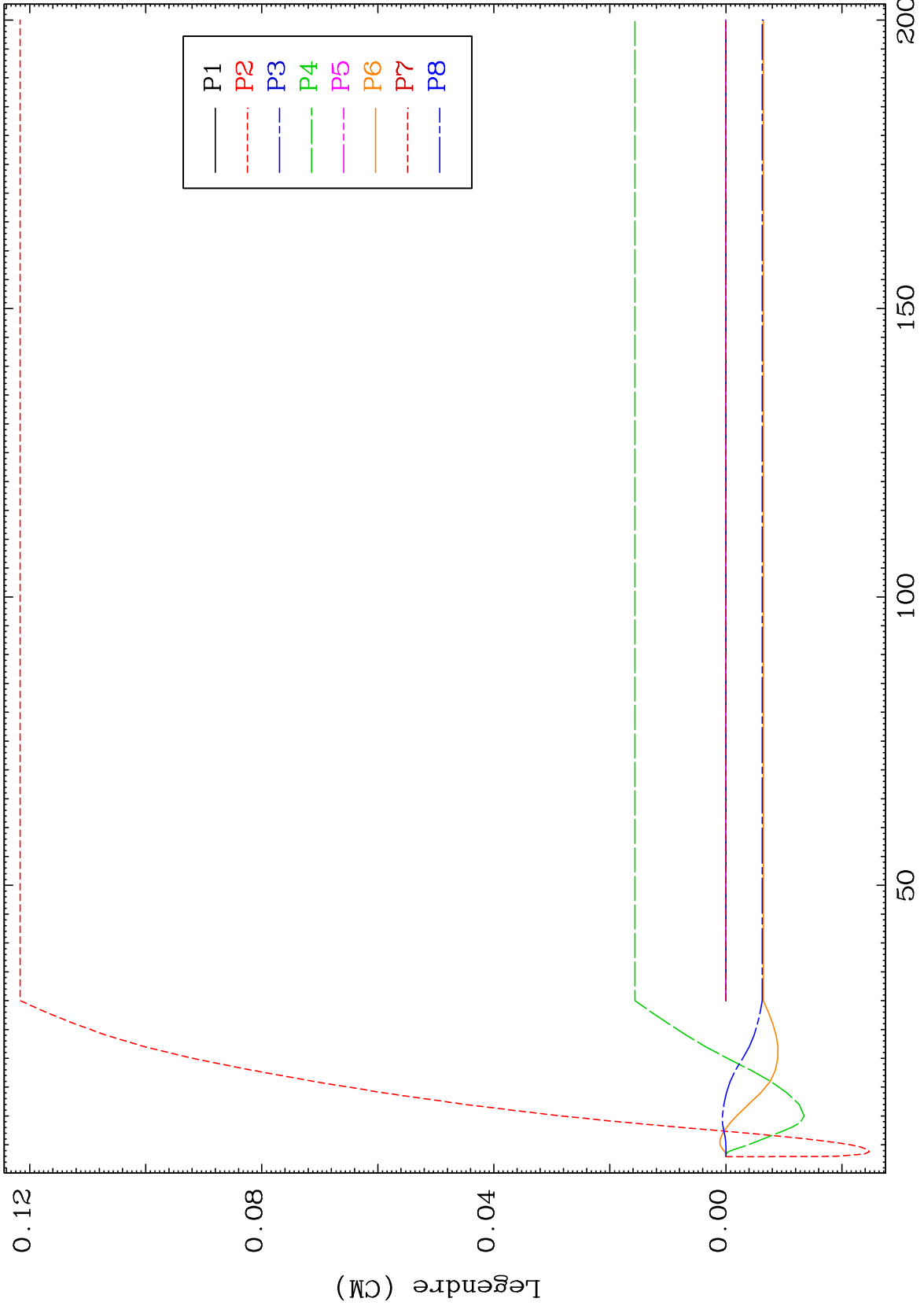


87

Incident Energy (MeV)

44-Ru-96

MAT 4425 MT= 70 (n,n') Level Legendre Coefficients 44-Ru-96

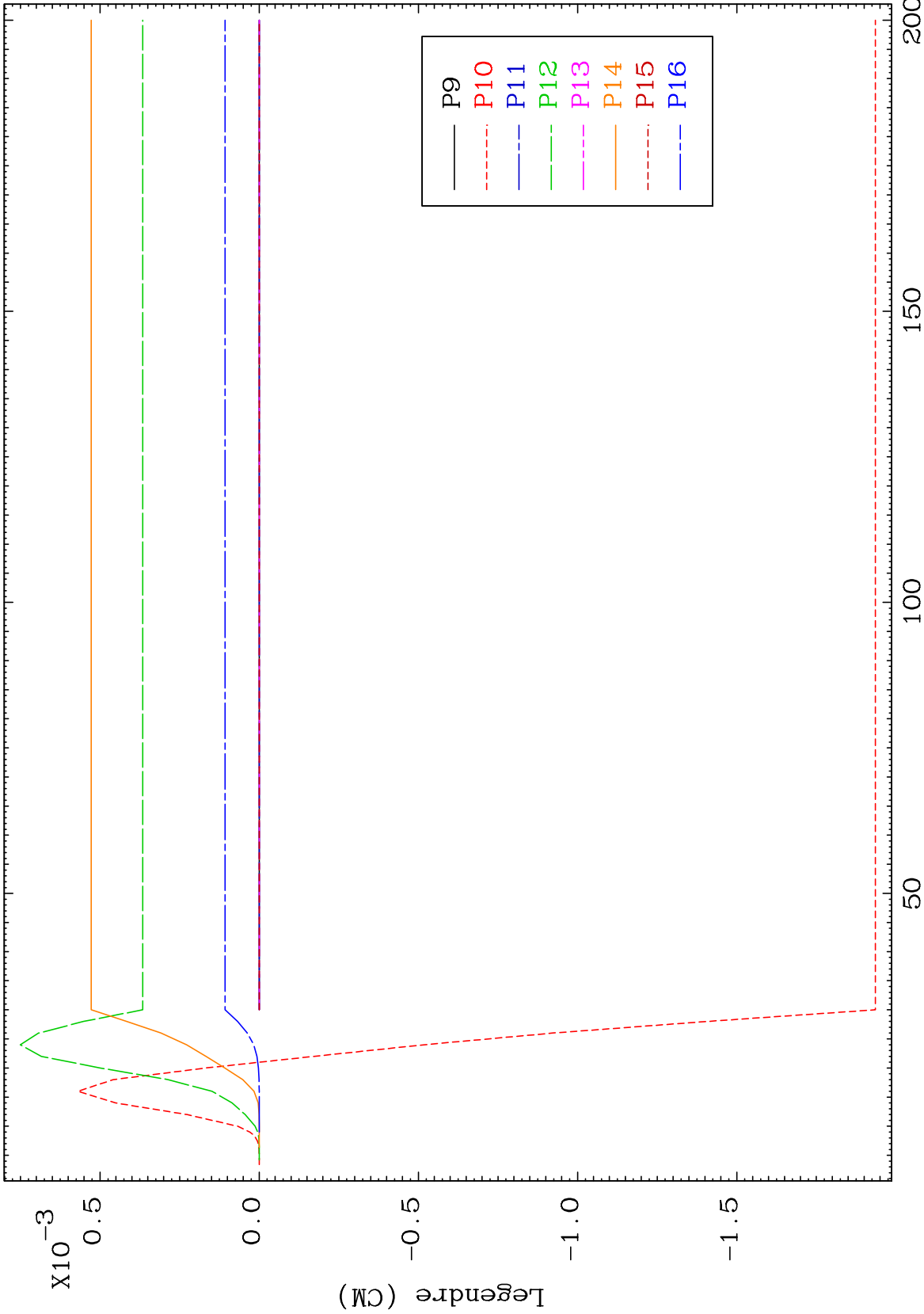


88 44-Ru-96

MAT 4425

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

44-Ru-96

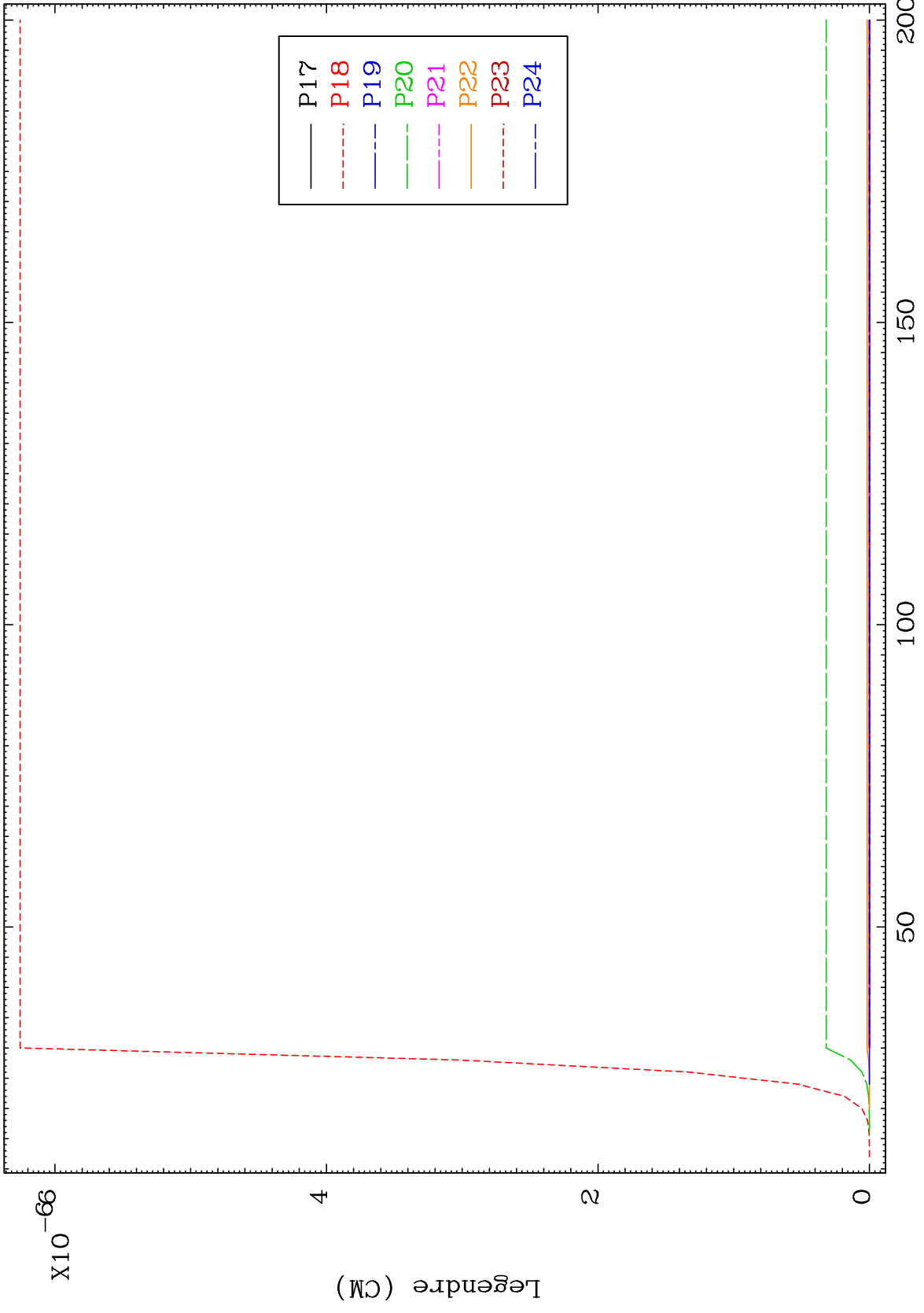


89

Incident Energy (MeV)

44-Ru-96

MAT 4425 MT= 70 (n,n') Level Legendre Coefficients 44-Ru-96

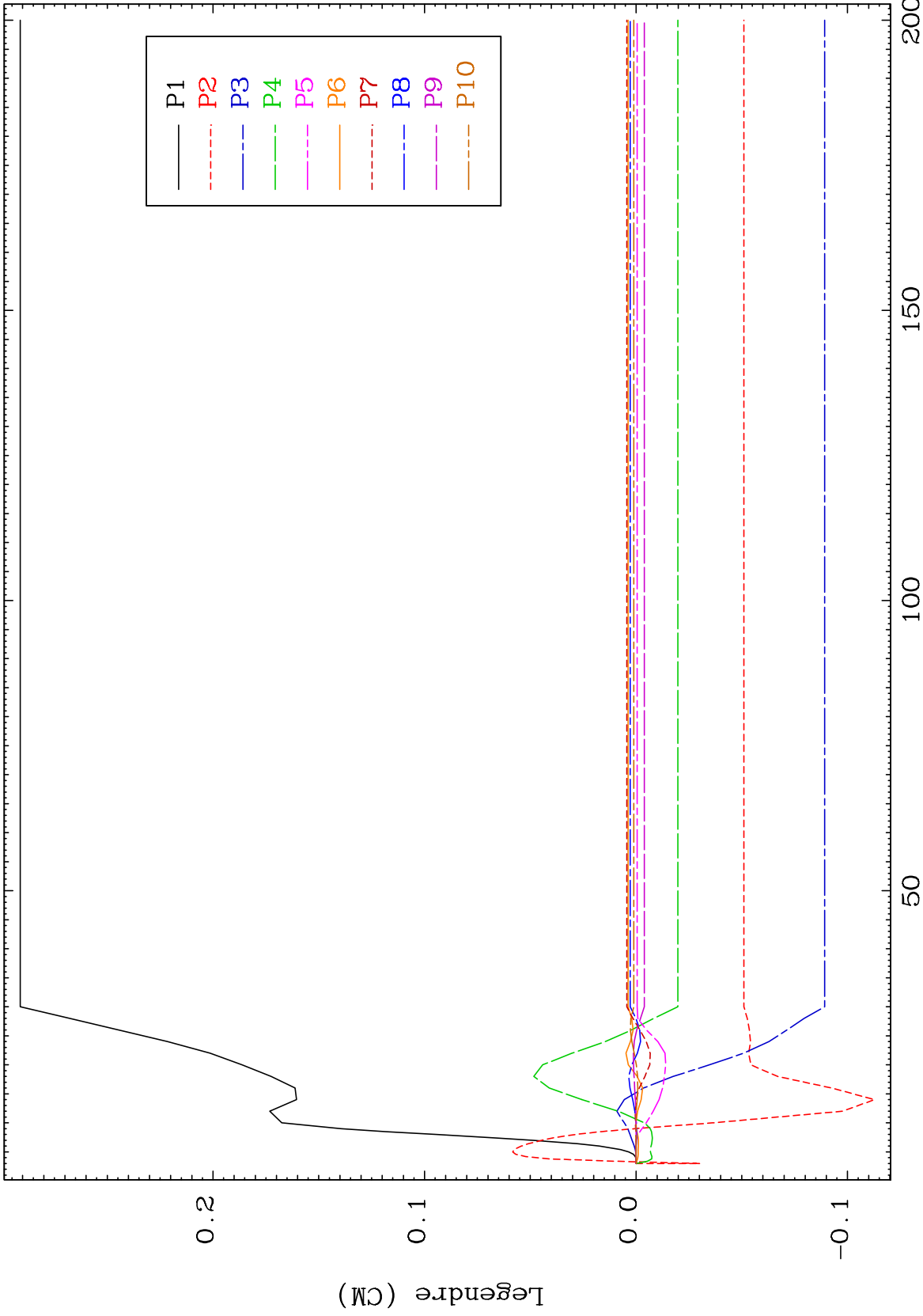


44-Ru-96

MAT 4425

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

44-Ru-96



91

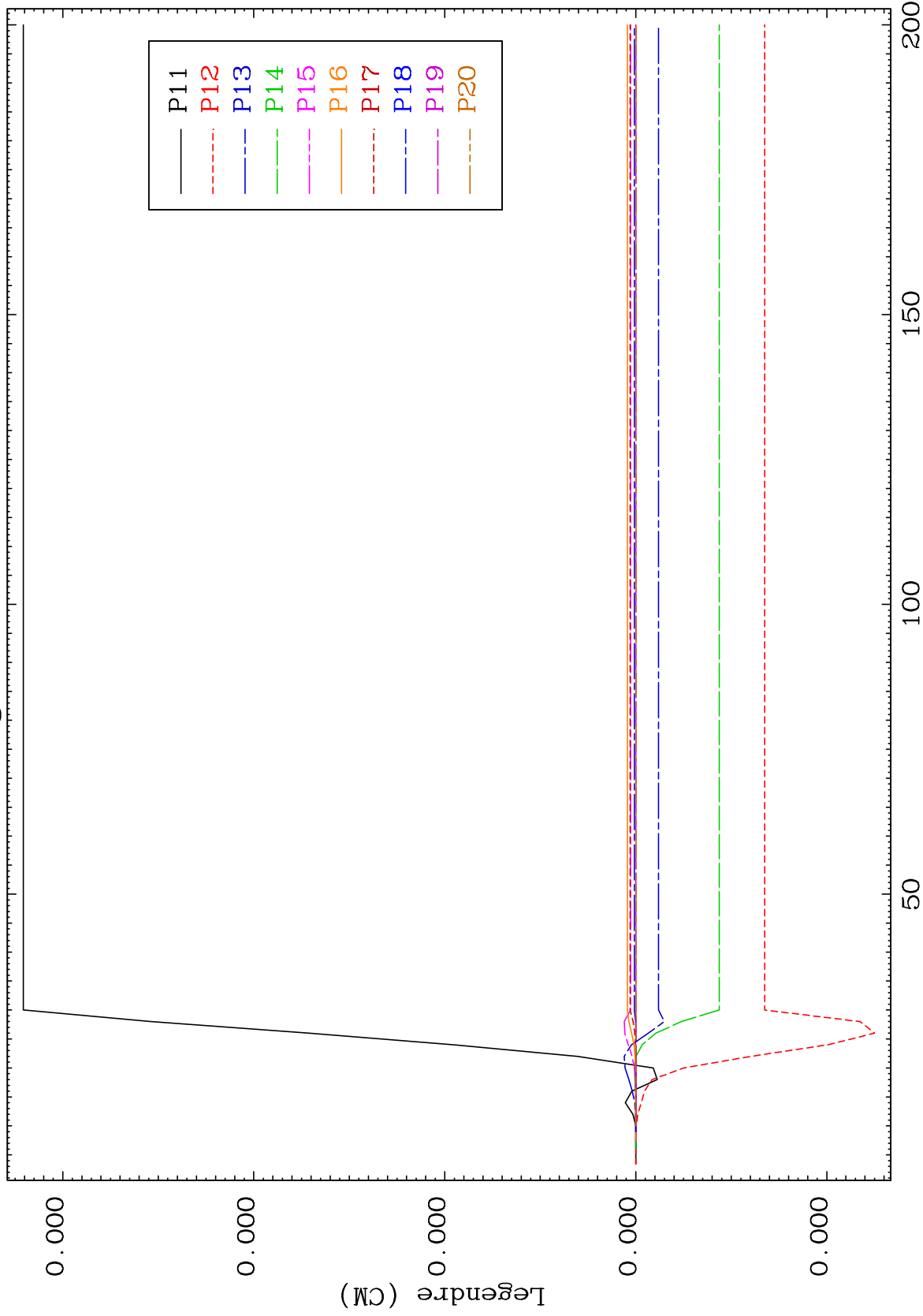
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



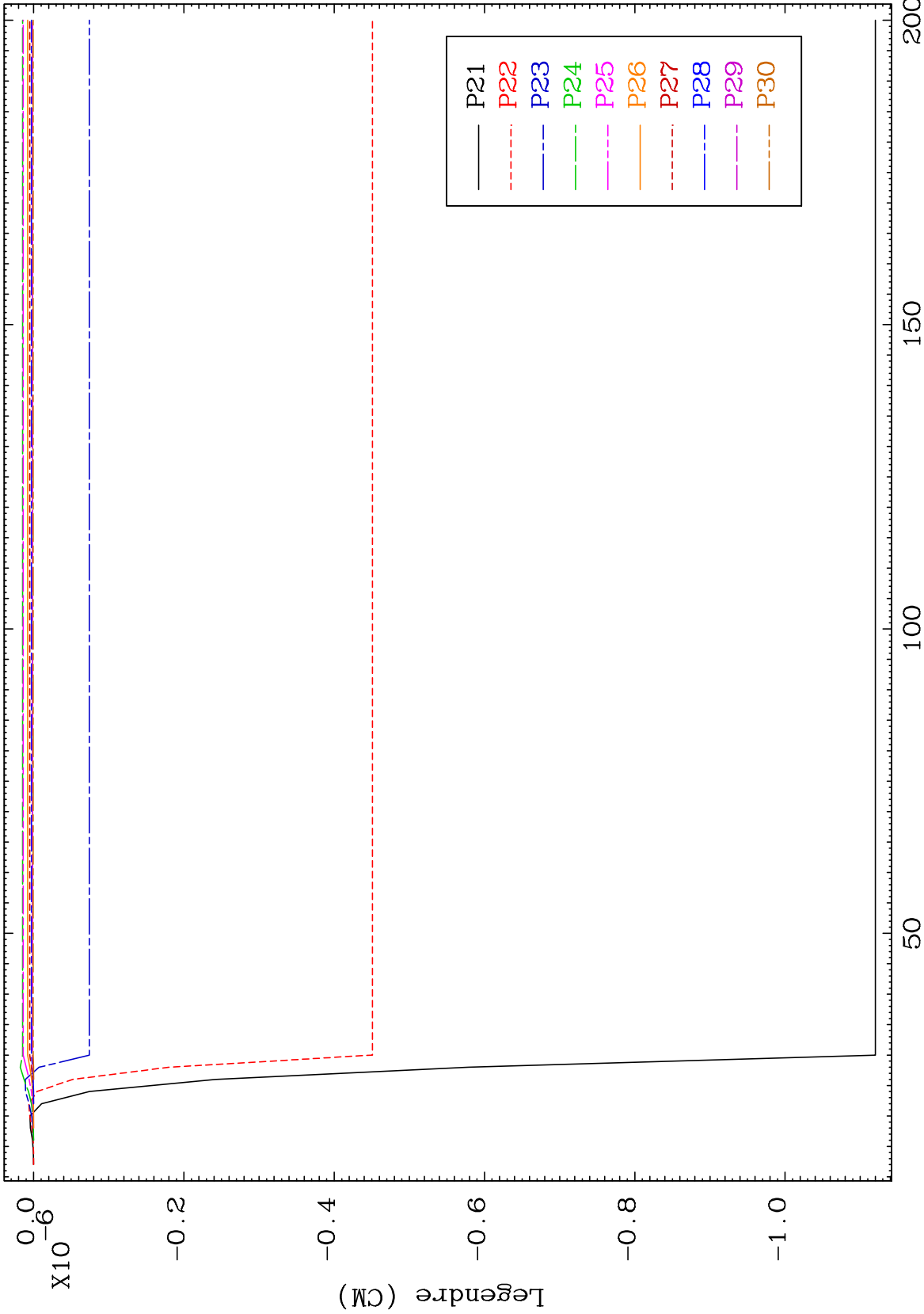
92

44-Ru-96

MAT 4425

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

44-Ru-96

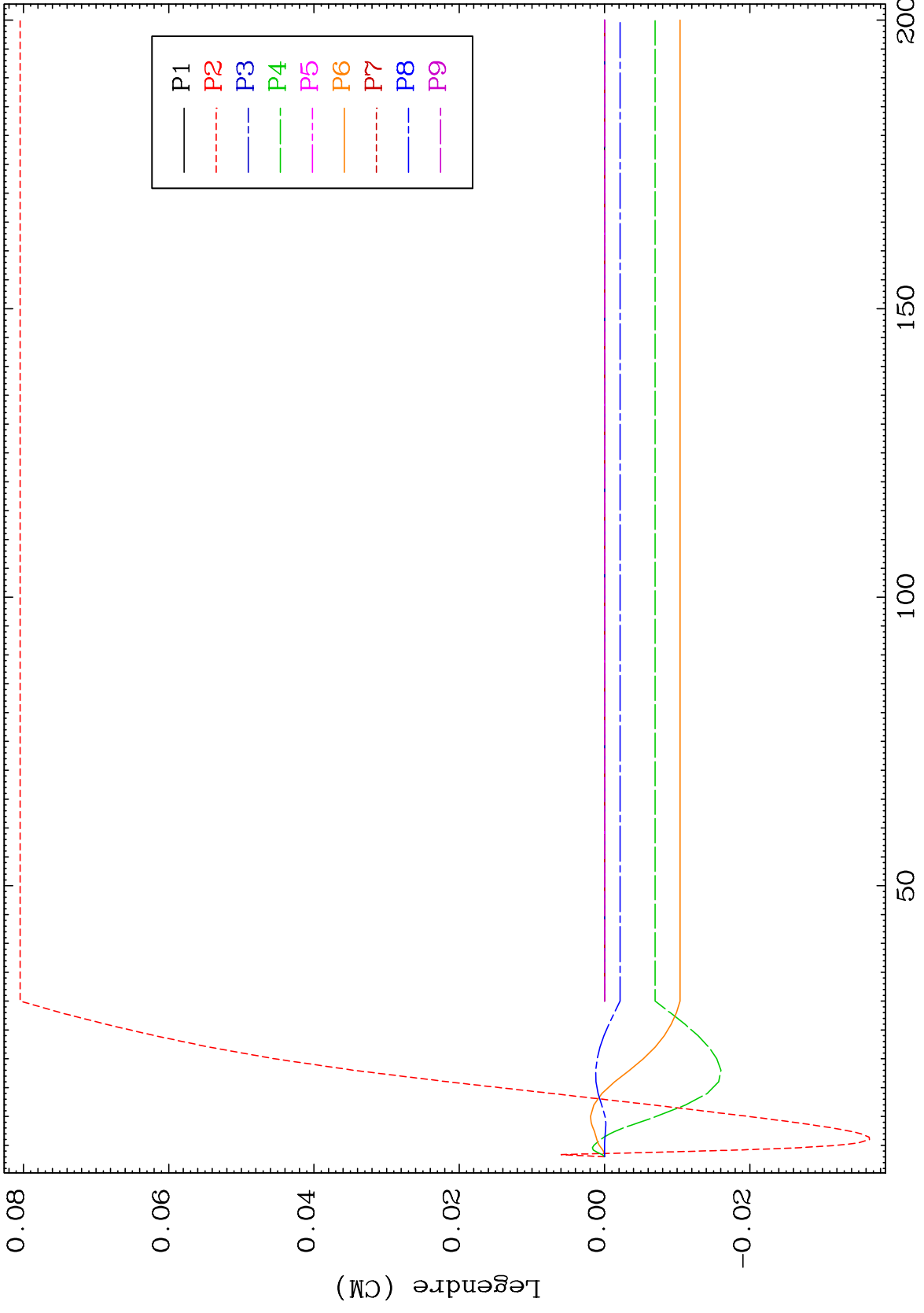


93

Incident Energy (MeV)

44-Ru-96

MAT 4425 MT= 72 (n,n') Level Legendre Coefficients 44-Ru-96

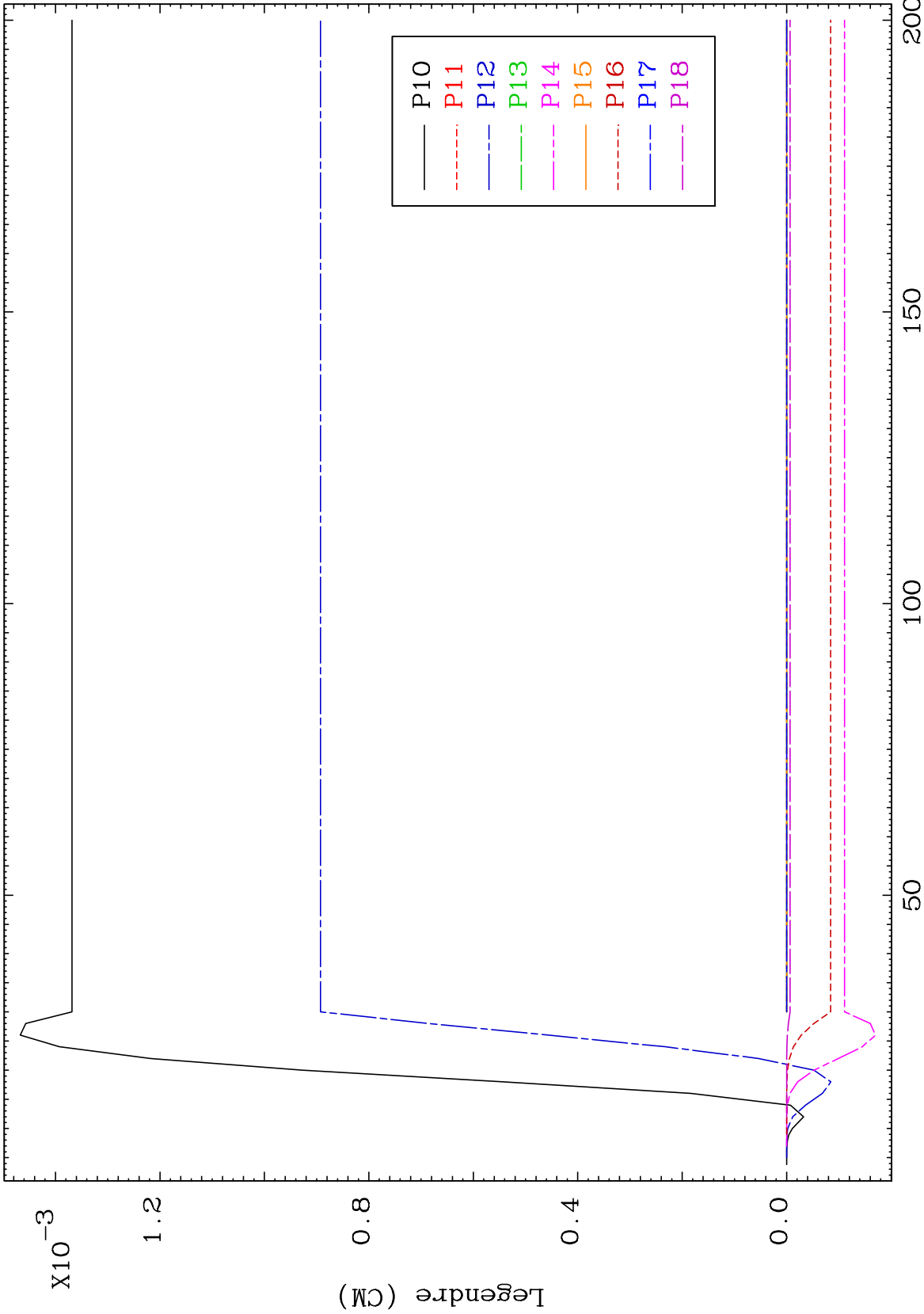


94 44-Ru-96

MAT 4425

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

44-Ru-96

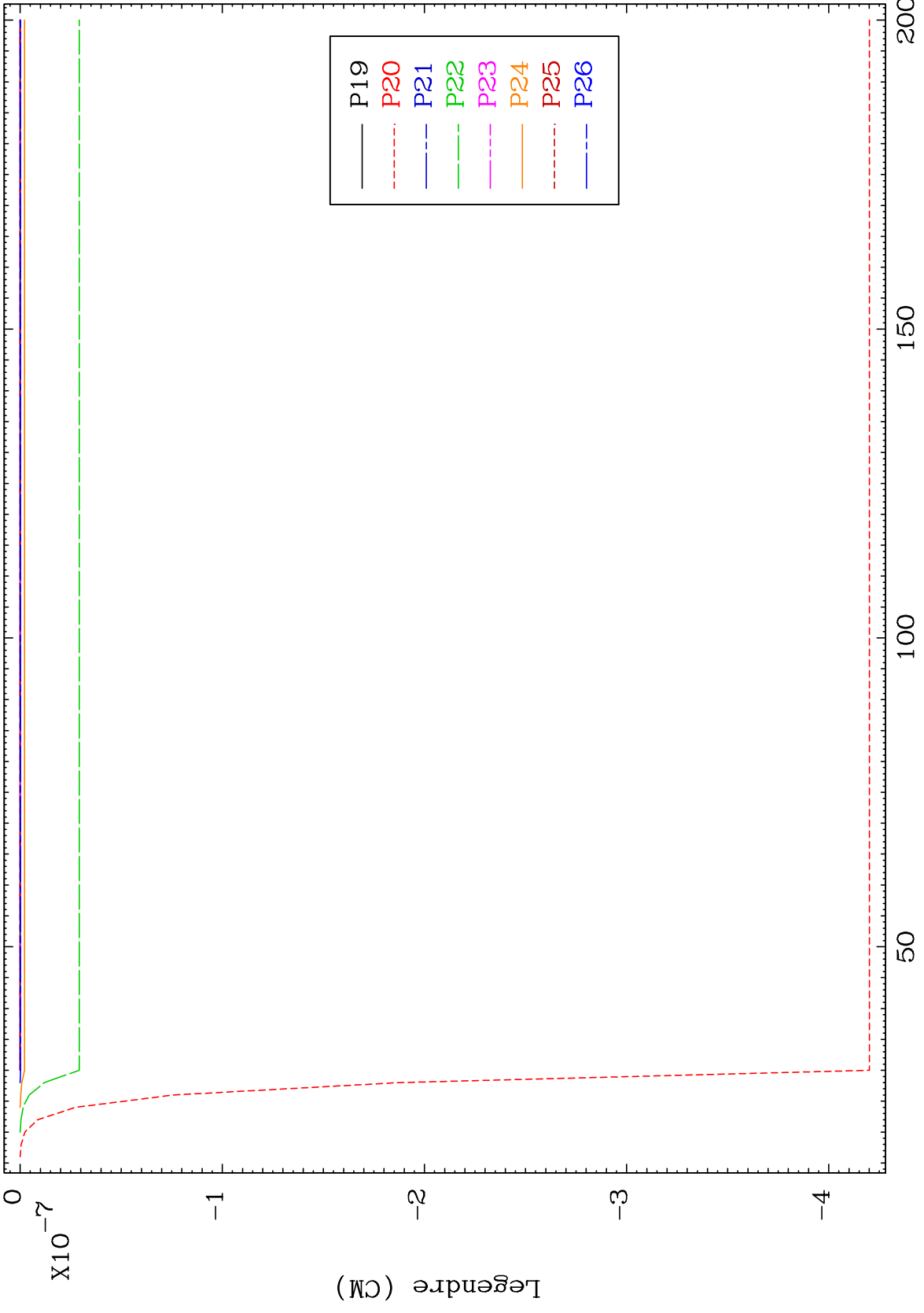


95

Incident Energy (MeV)

44-Ru-96

MAT 4425 MT= 72 (n,n') Level Legendre Coefficients 44-Ru-96

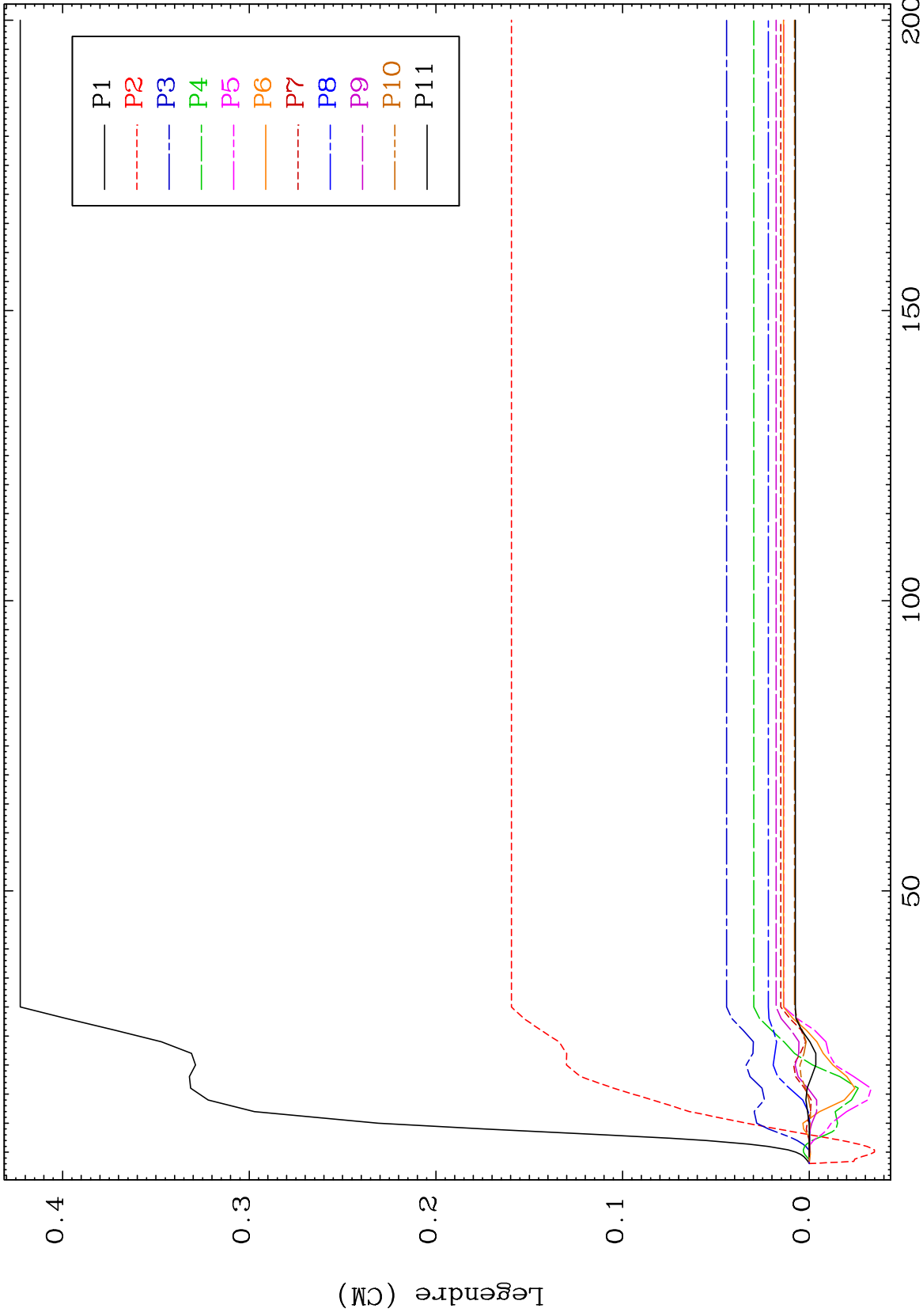


96 44-Ru-96

MAT 4425

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

44-Ru-96



97

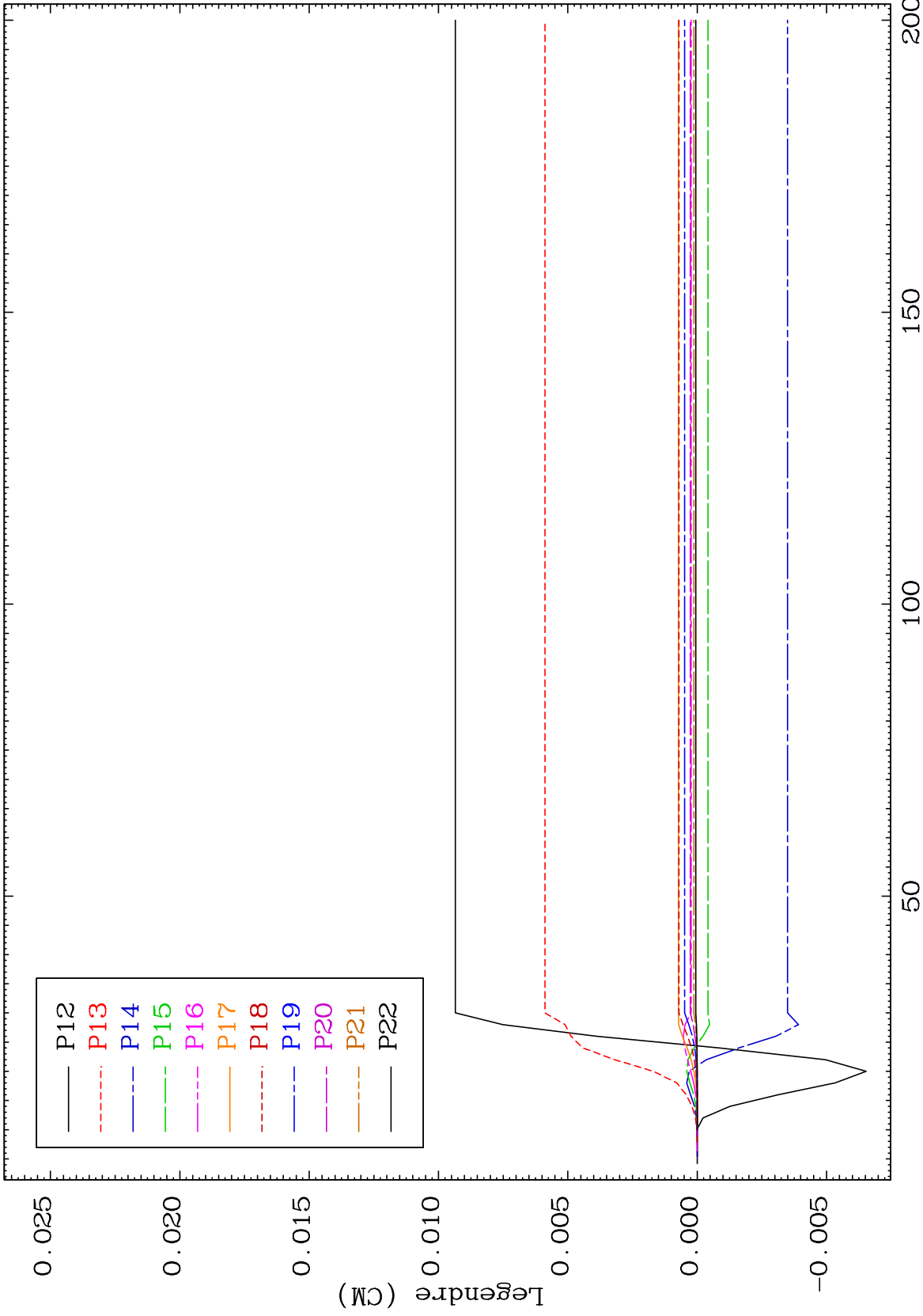
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



98

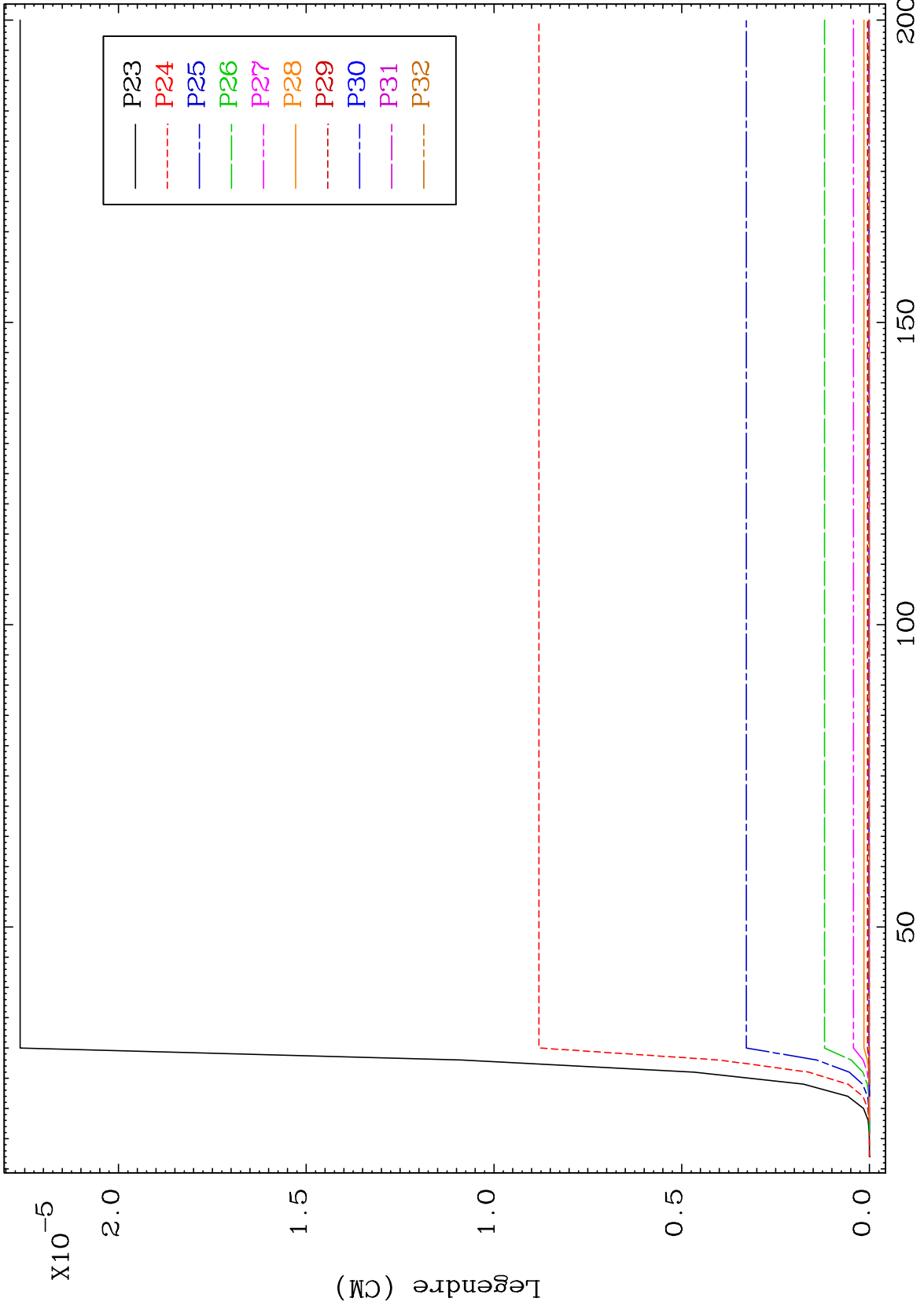
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



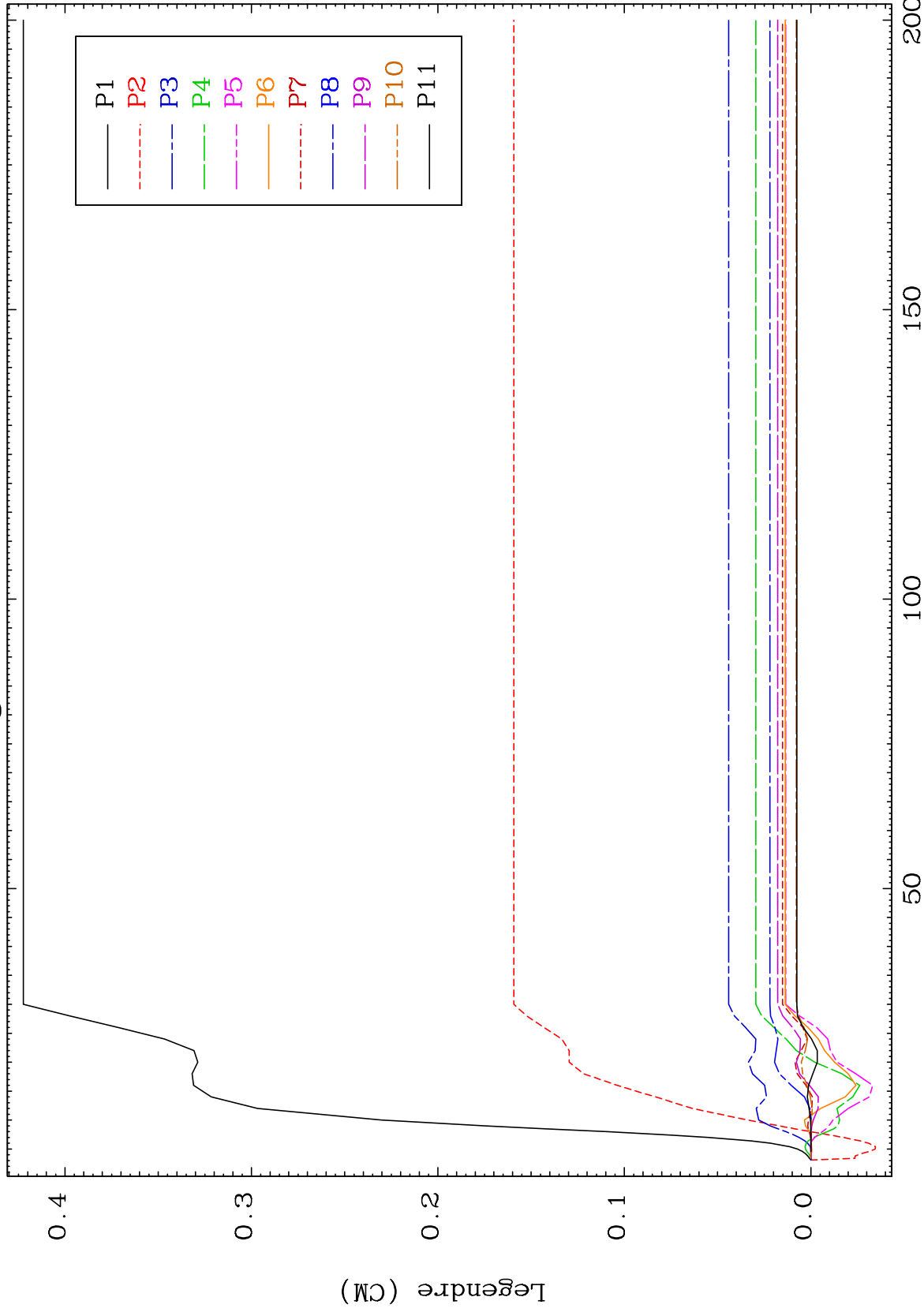
99

44-Ru-96

MAT 4425

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

44-Ru-96



44-Ru-96

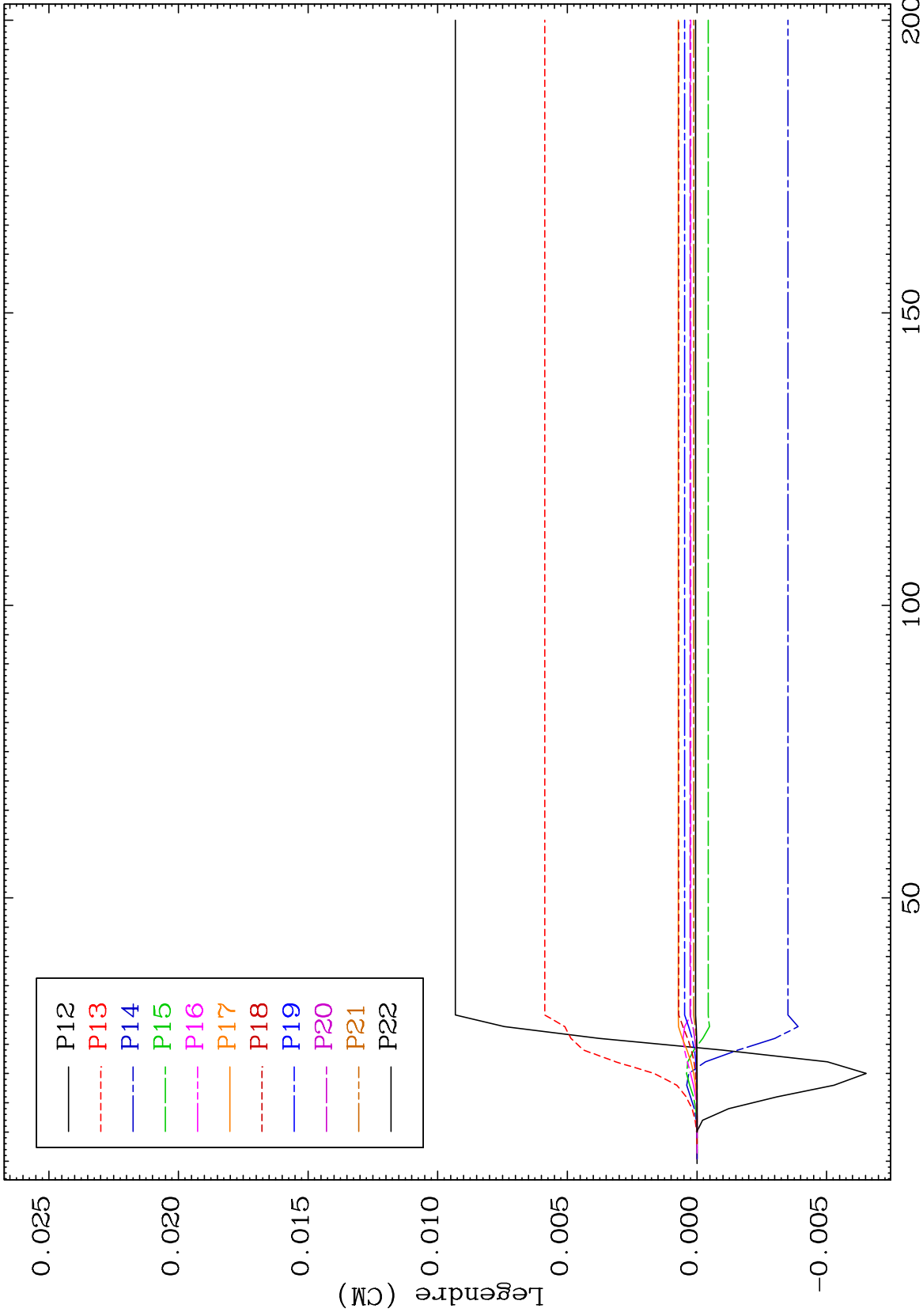
Incident Energy (MeV)

Legendre (CM)

MAT 4425

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

44-Ru-96



101

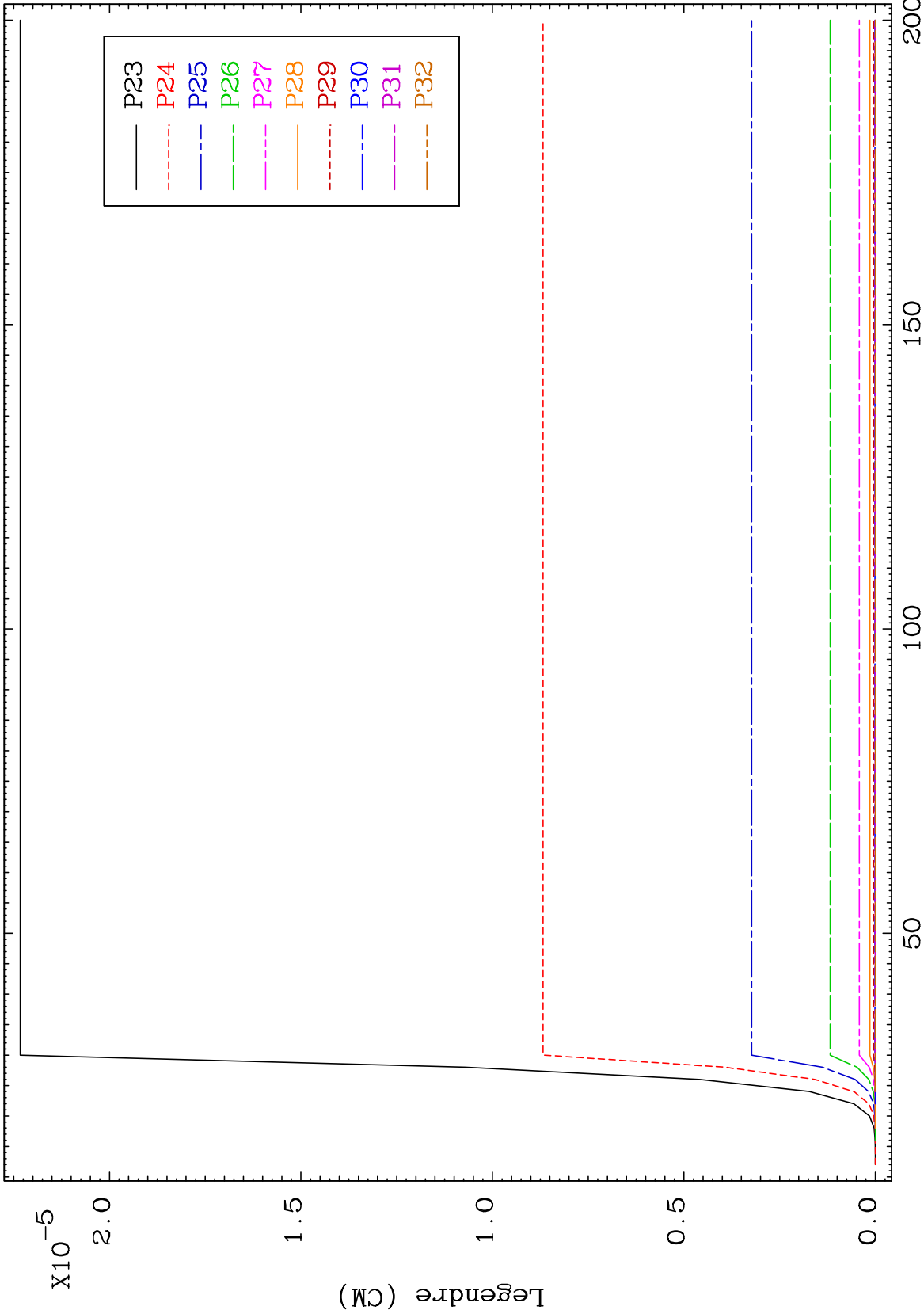
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96

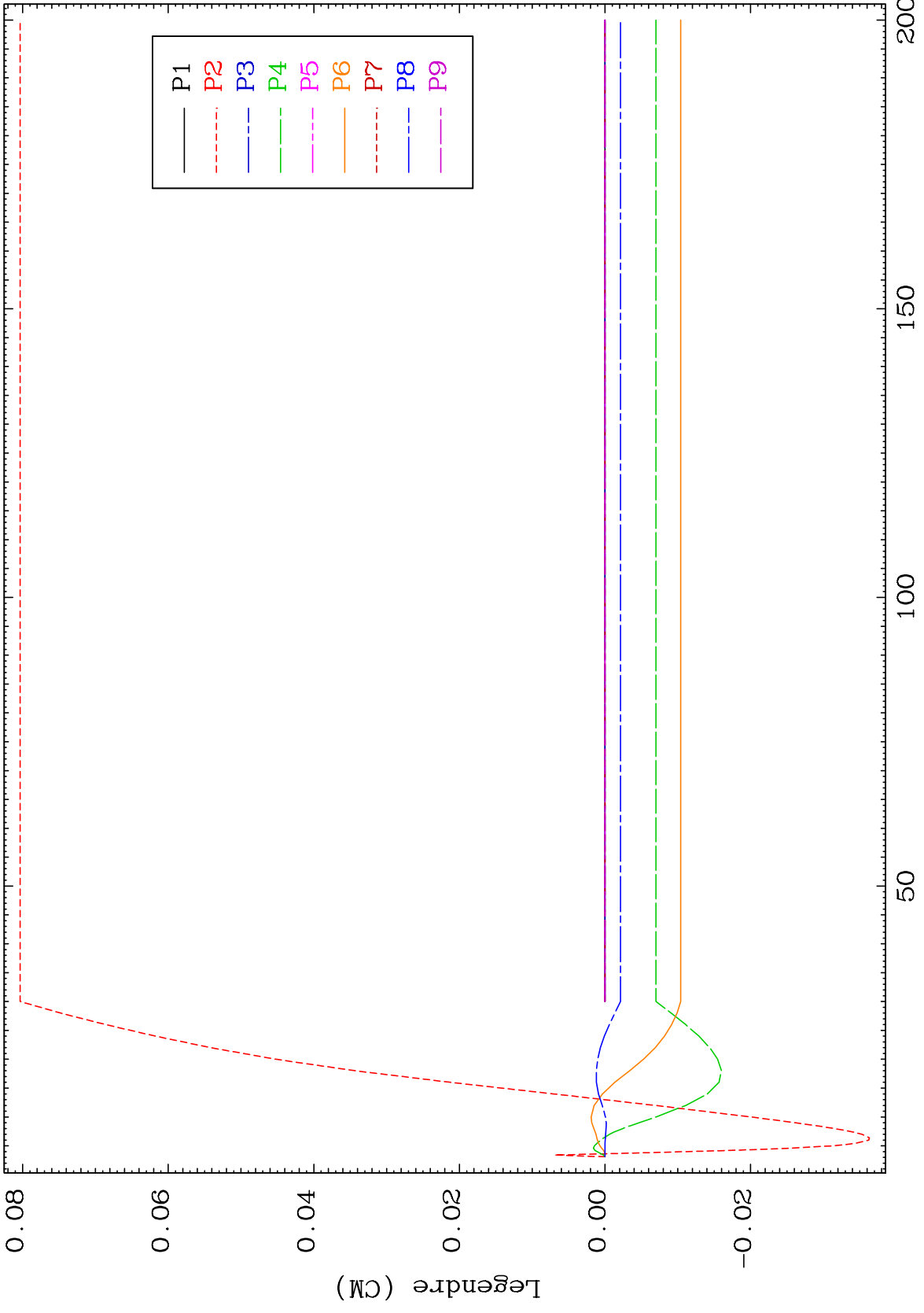


102

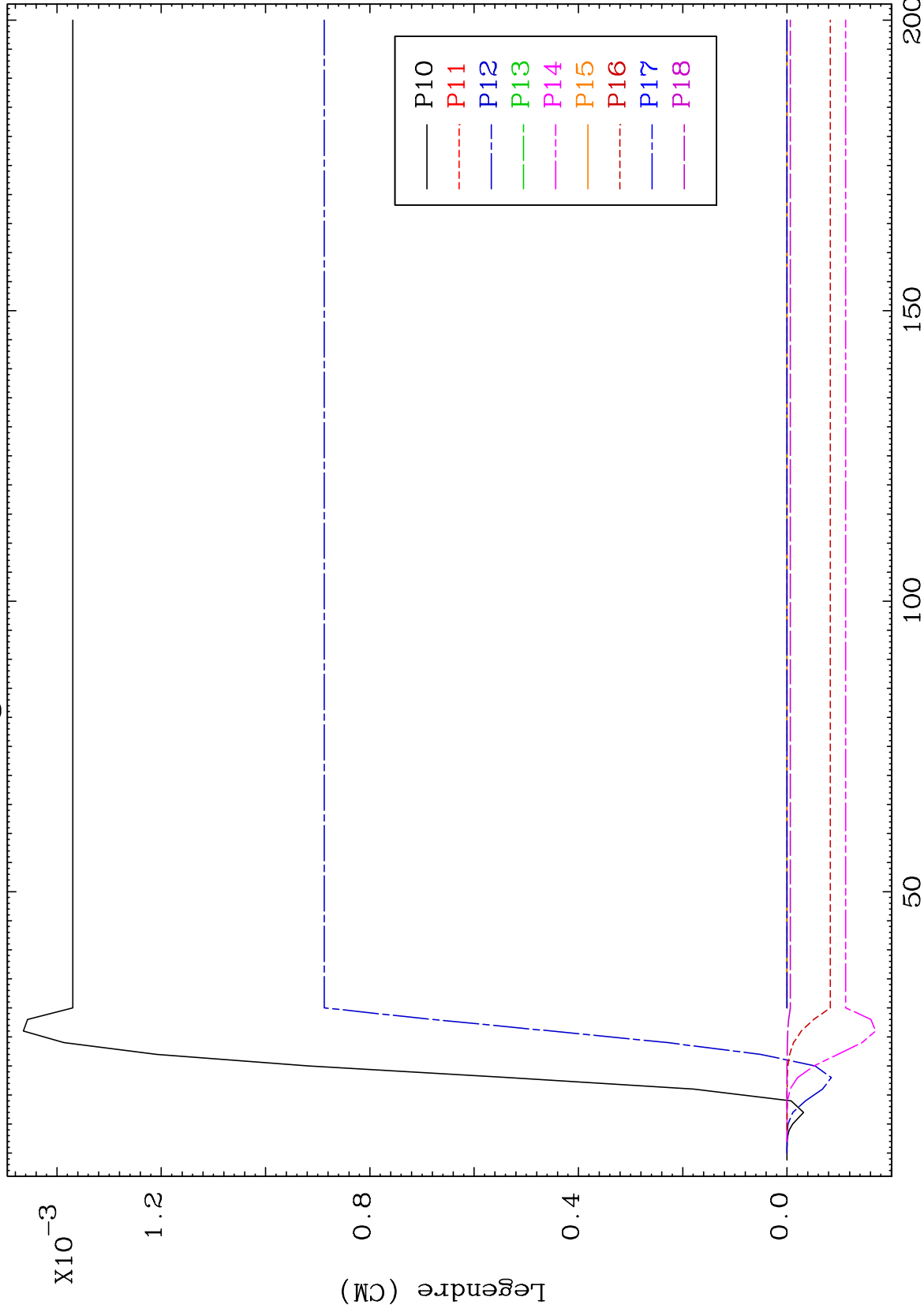
Incident Energy (MeV)

44-Ru-96

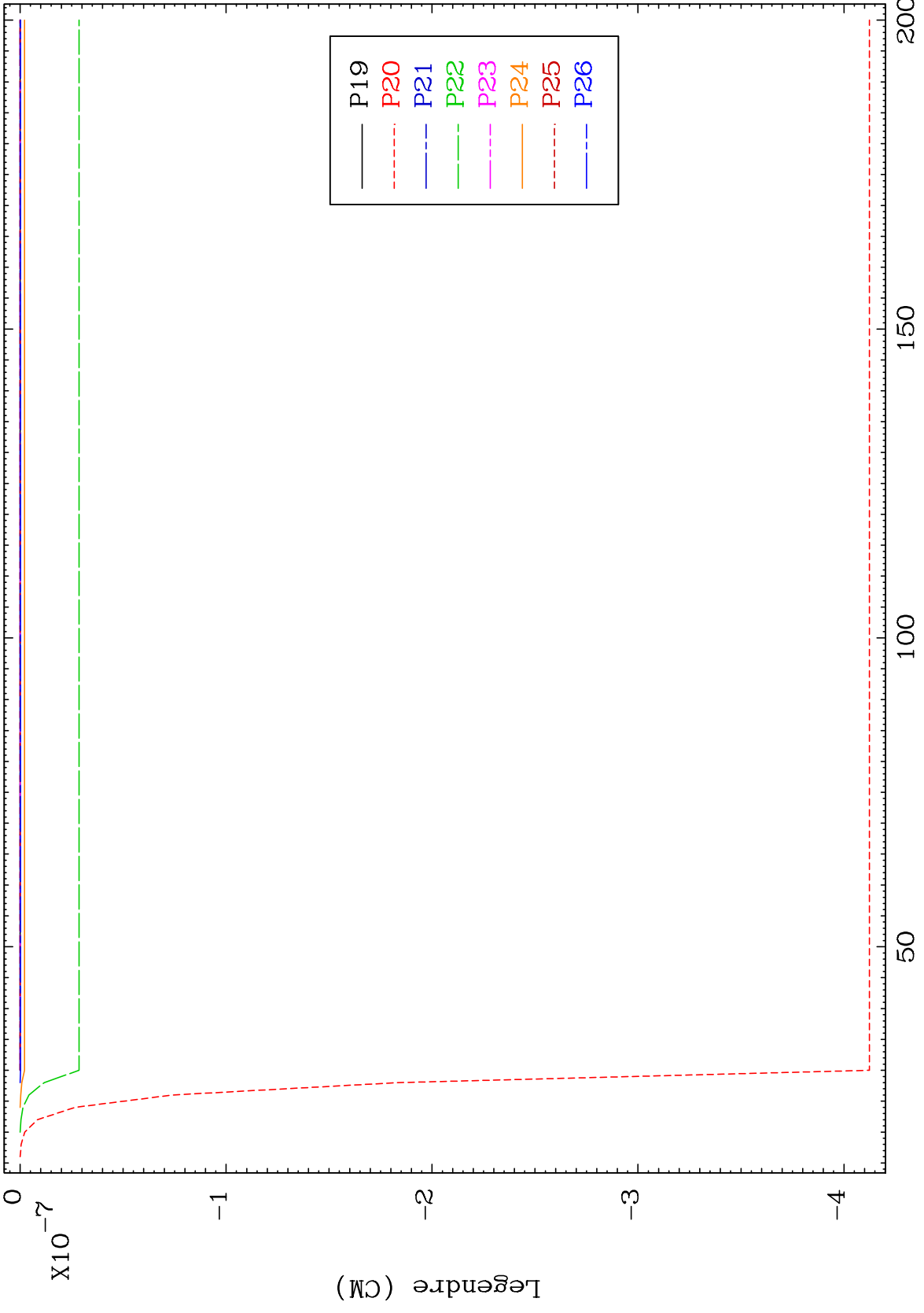
MAT 4425 MT= 75 (n,n') Level Legendre Coefficients 44-Ru-96



103 Incident Energy (MeV) 44-Ru-96



MAT 4425 MT= 75 (n,n') Level Legendre Coefficients 44-Ru-96

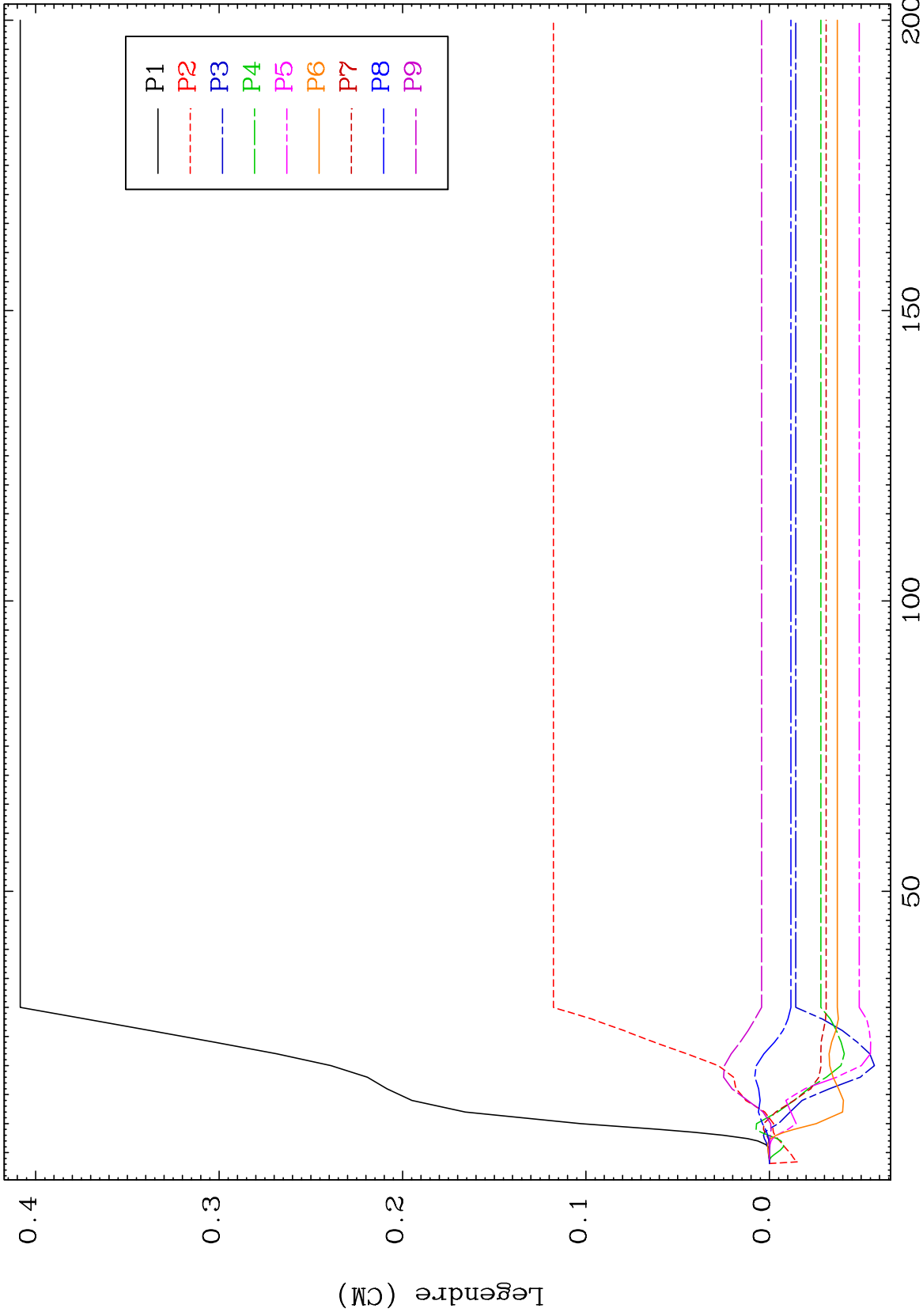


105 Incident Energy (MeV) 44-Ru-96

MAT 4425

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

44-Ru-96



106

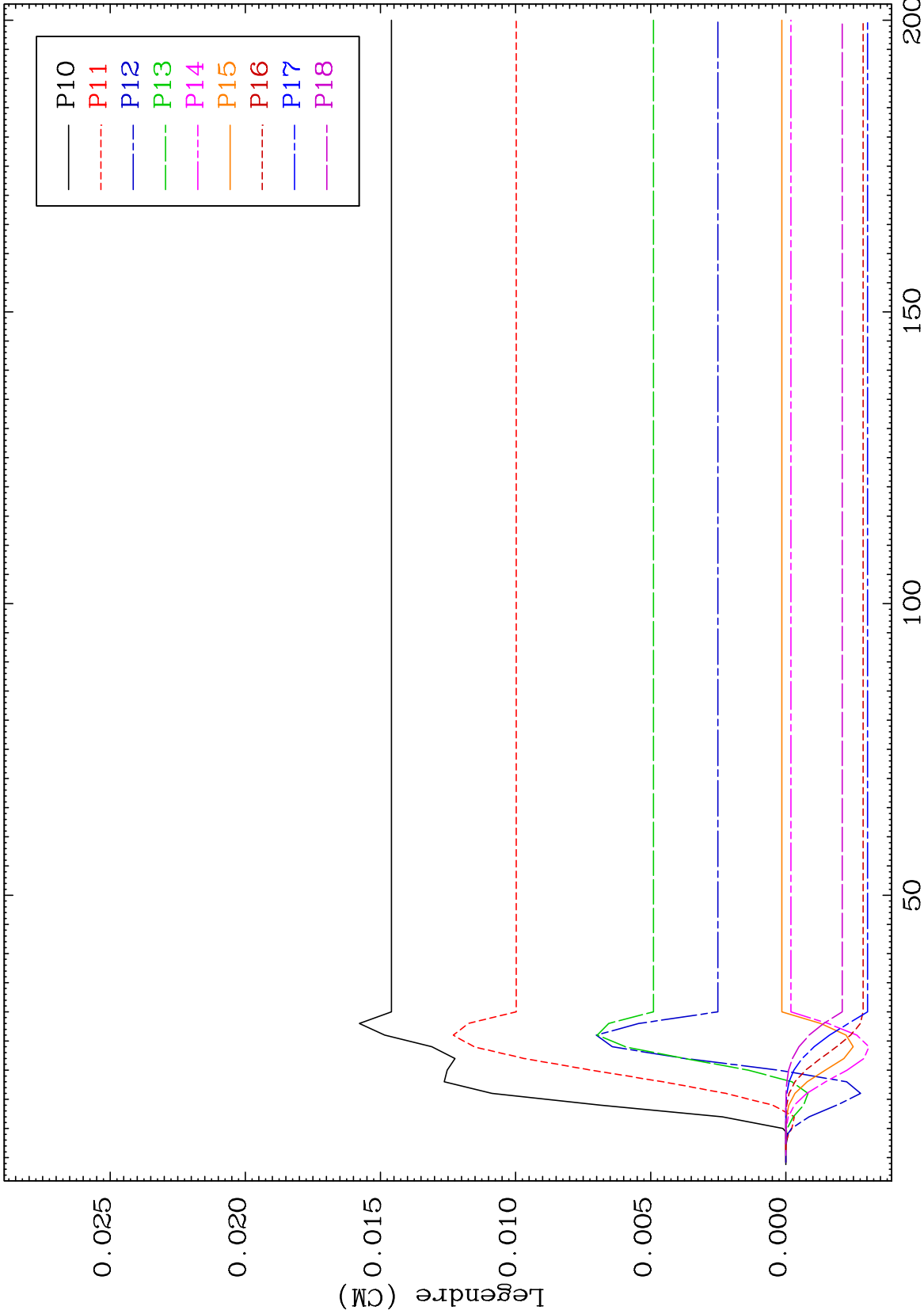
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

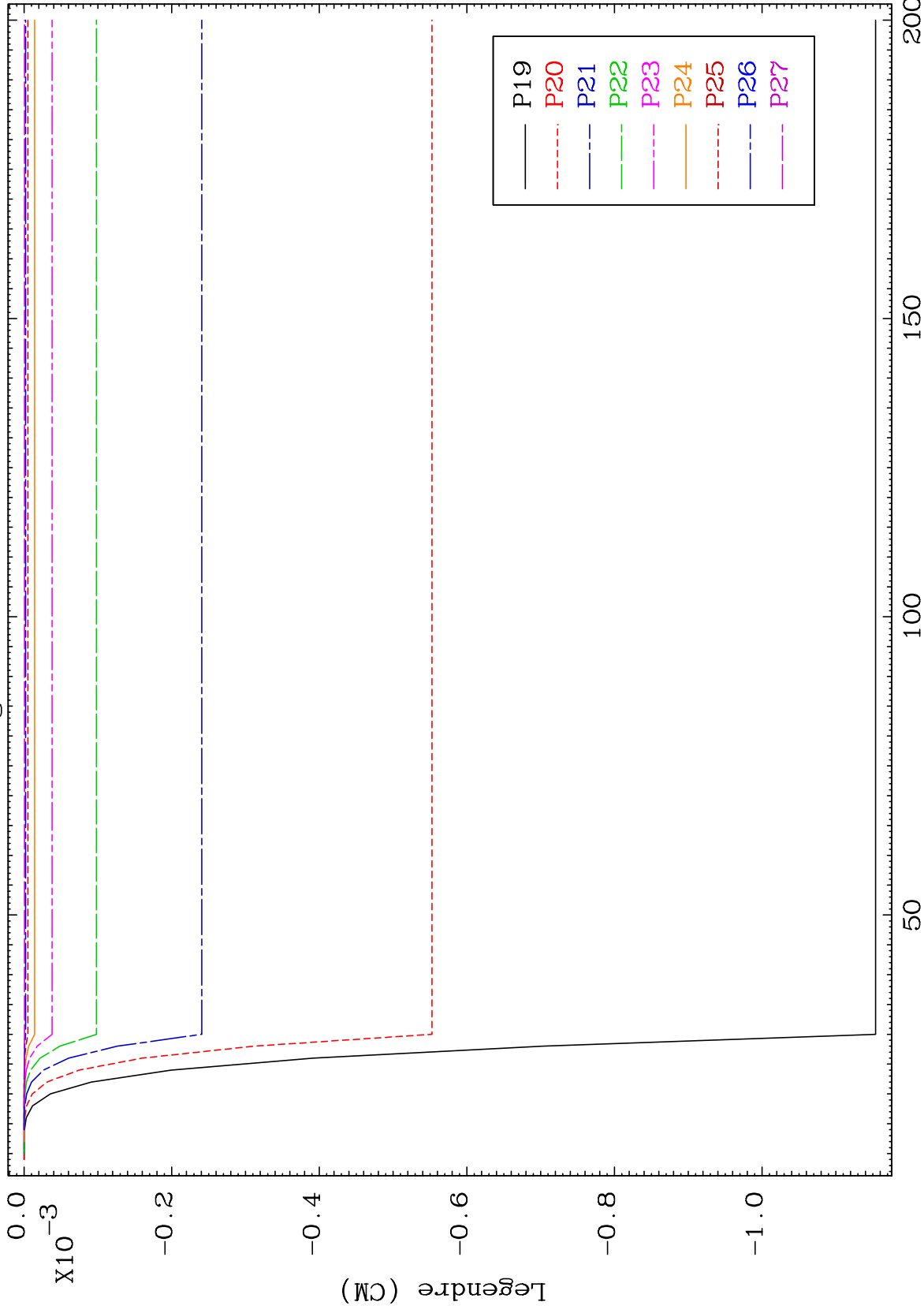
44-Ru-96



MAT 4425

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

44-Ru-96



44-Ru-96

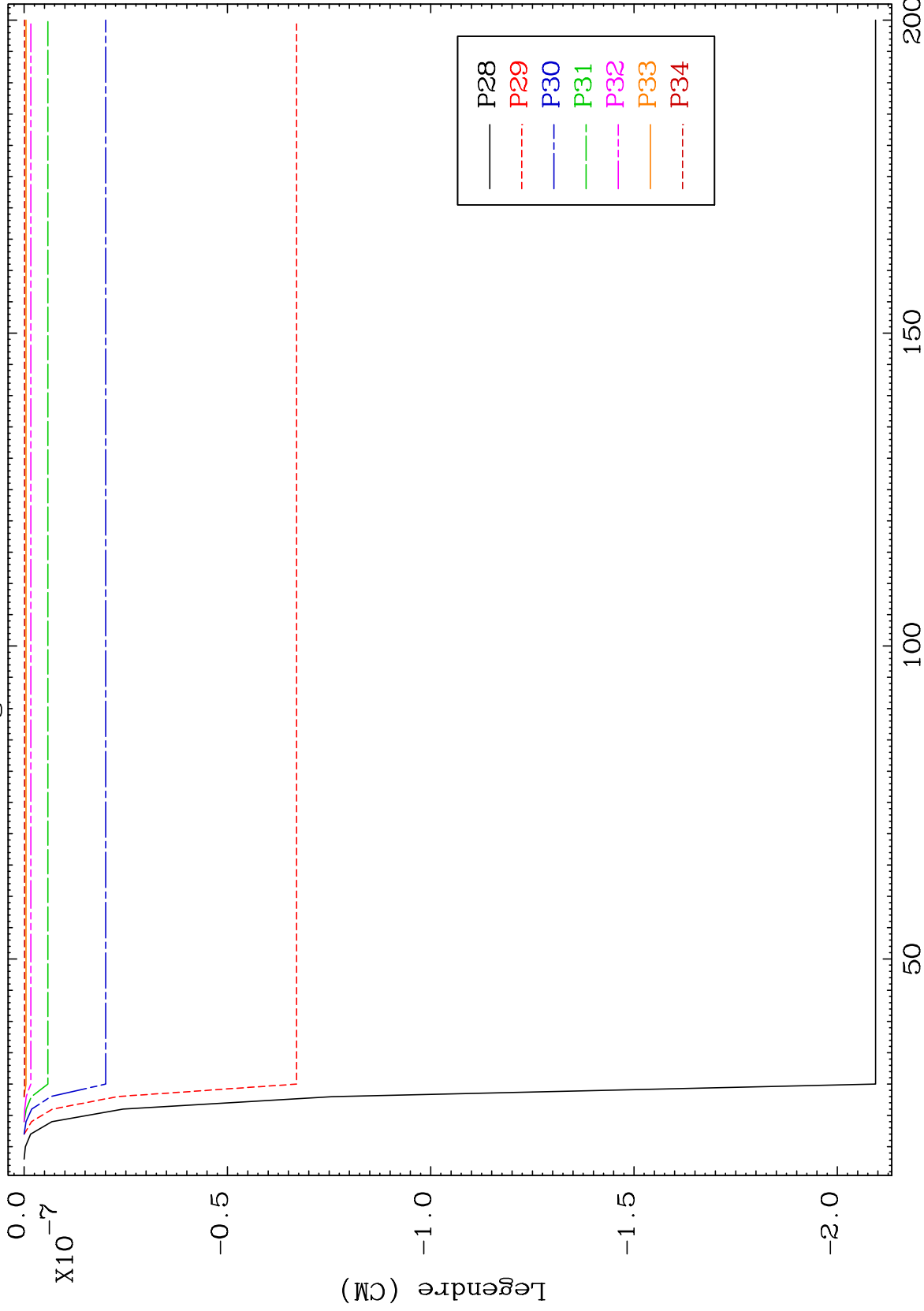
Incident Energy (MeV)

108

MAT 4425

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

44-Ru-96



109

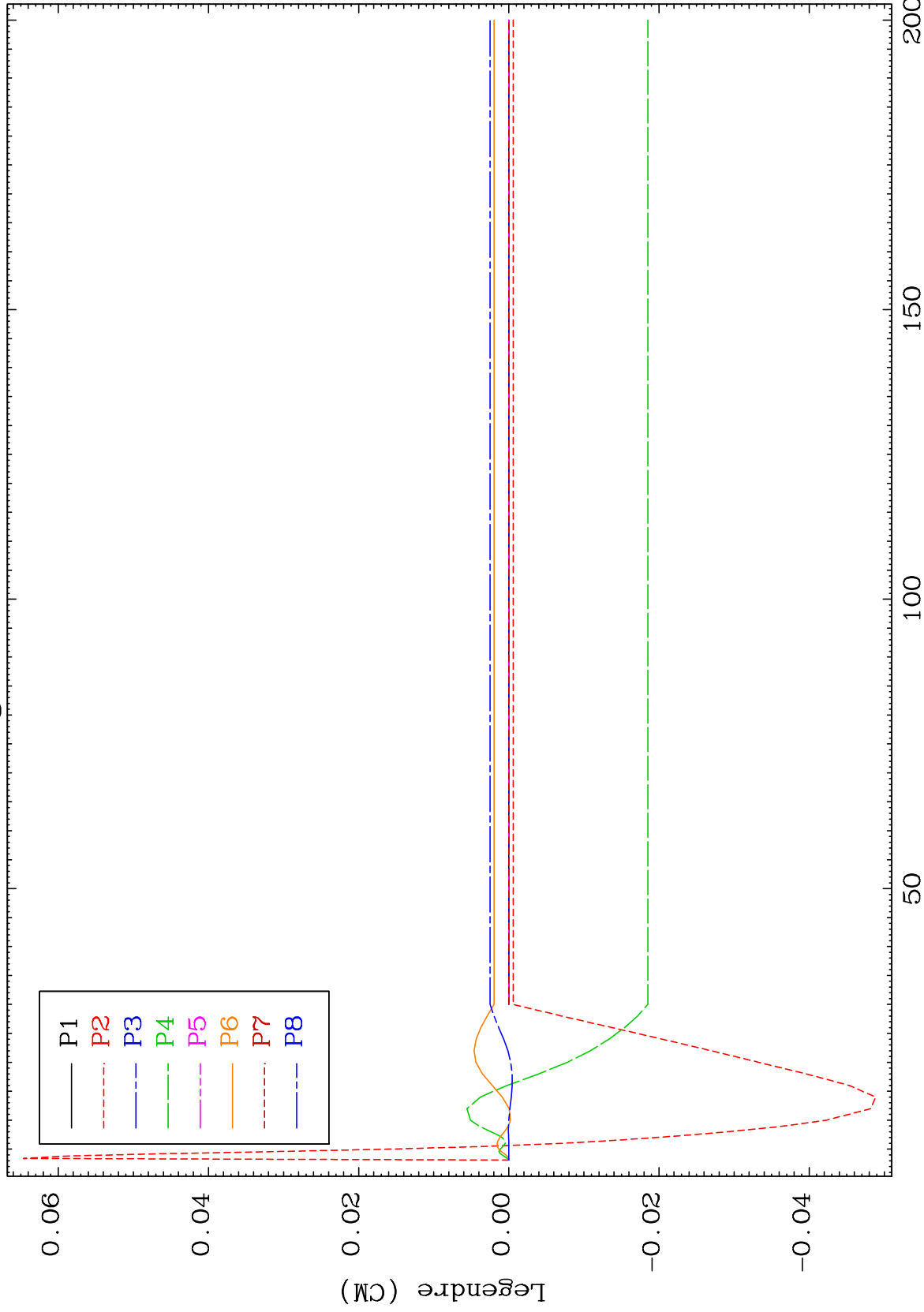
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



44-Ru-96

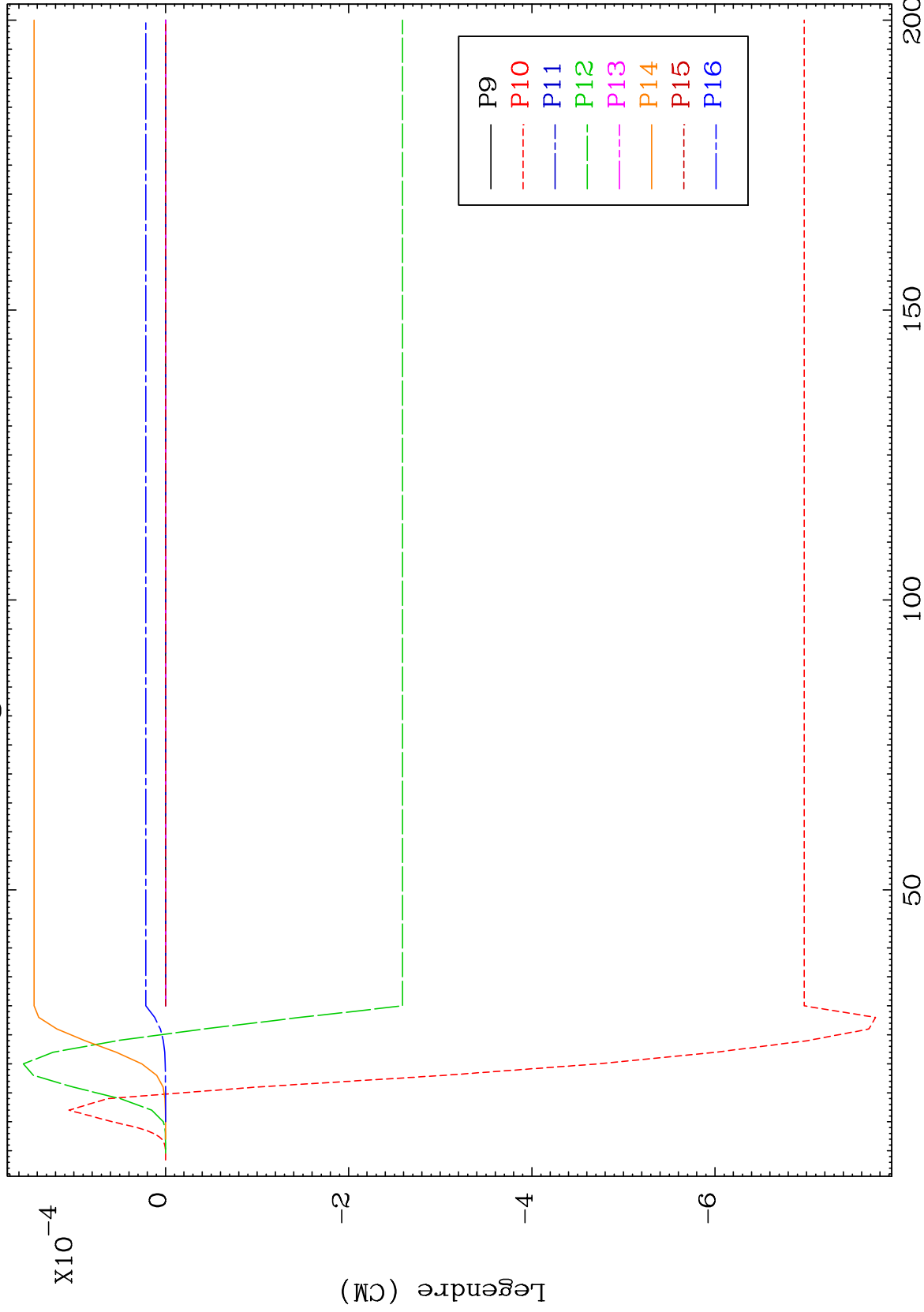
Incident Energy (MeV)

110

MAT 4425

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

44-Ru-96



111

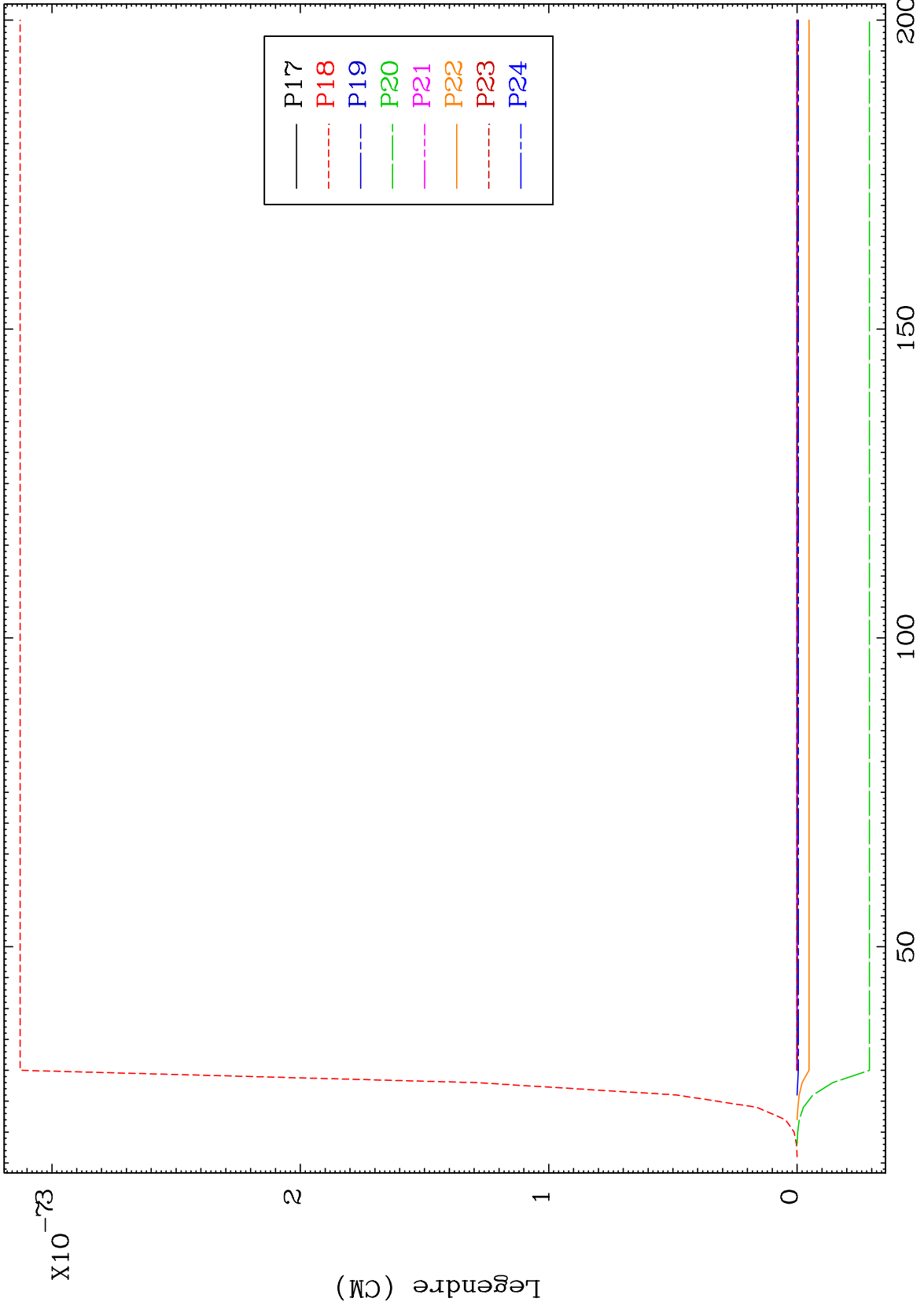
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



112

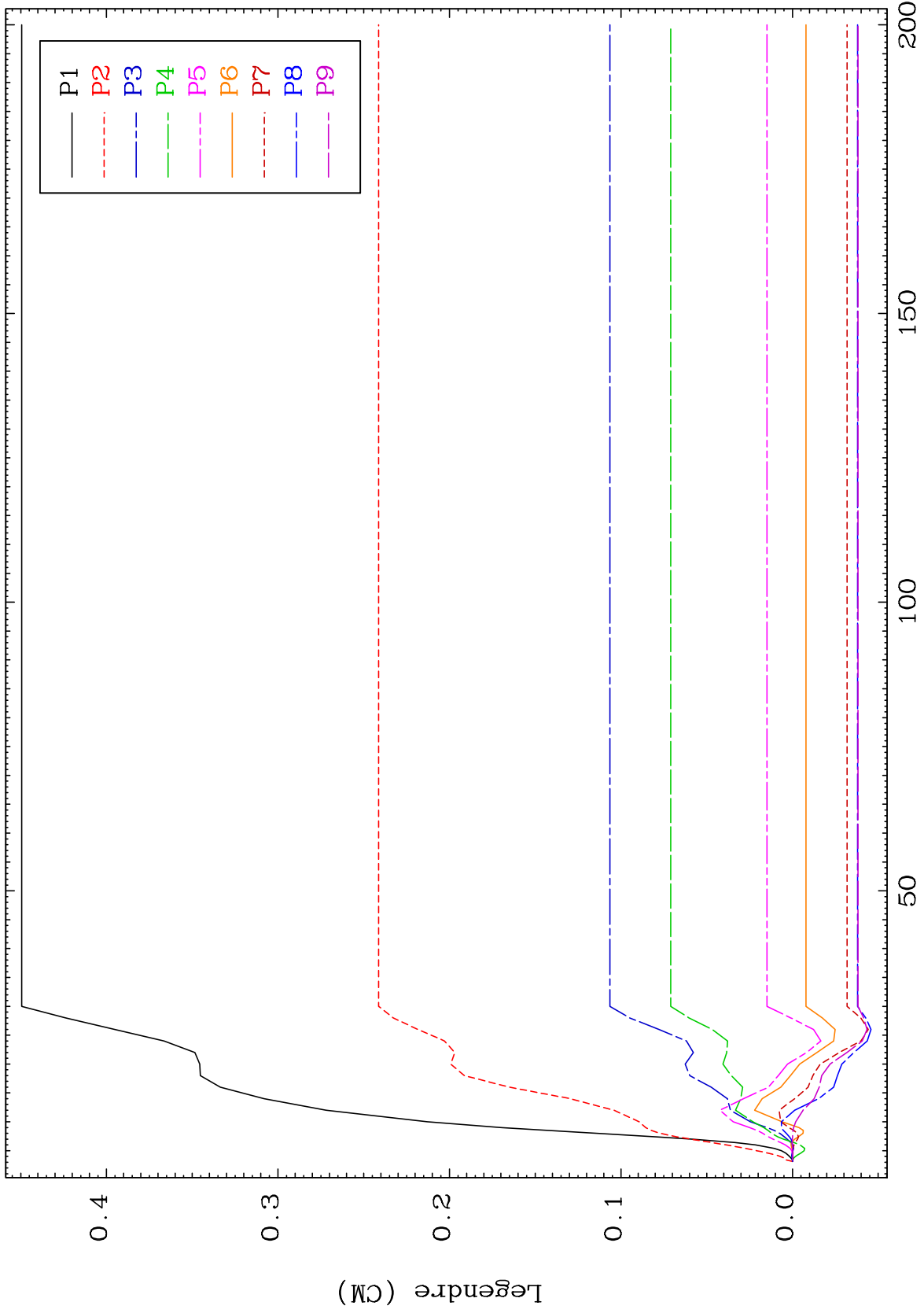
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96

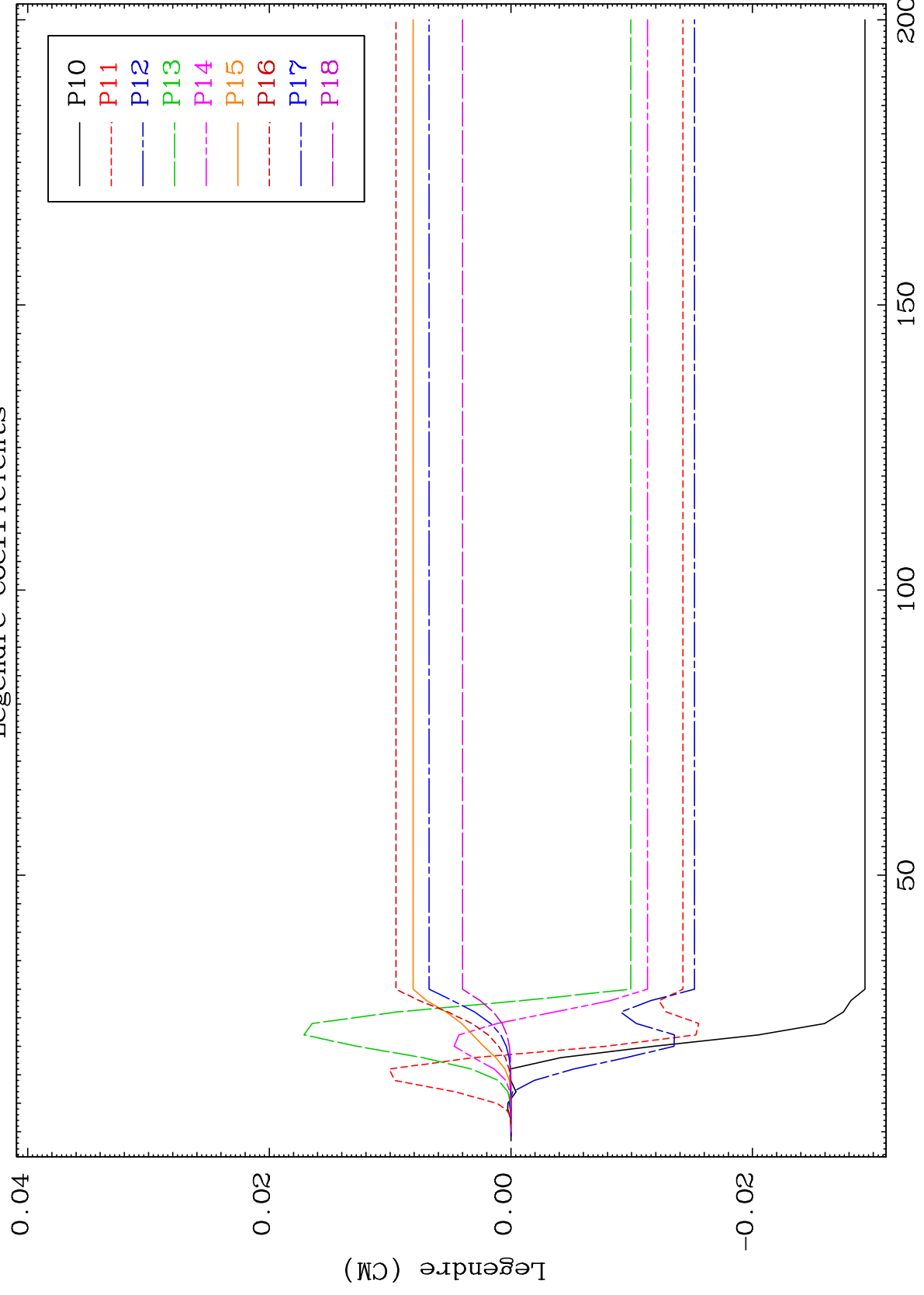


113

Incident Energy (MeV)

44-Ru-96

MAT 4425 MT= 78 (n,n') Level Legendre Coefficients 44-Ru-96



44-Ru-96

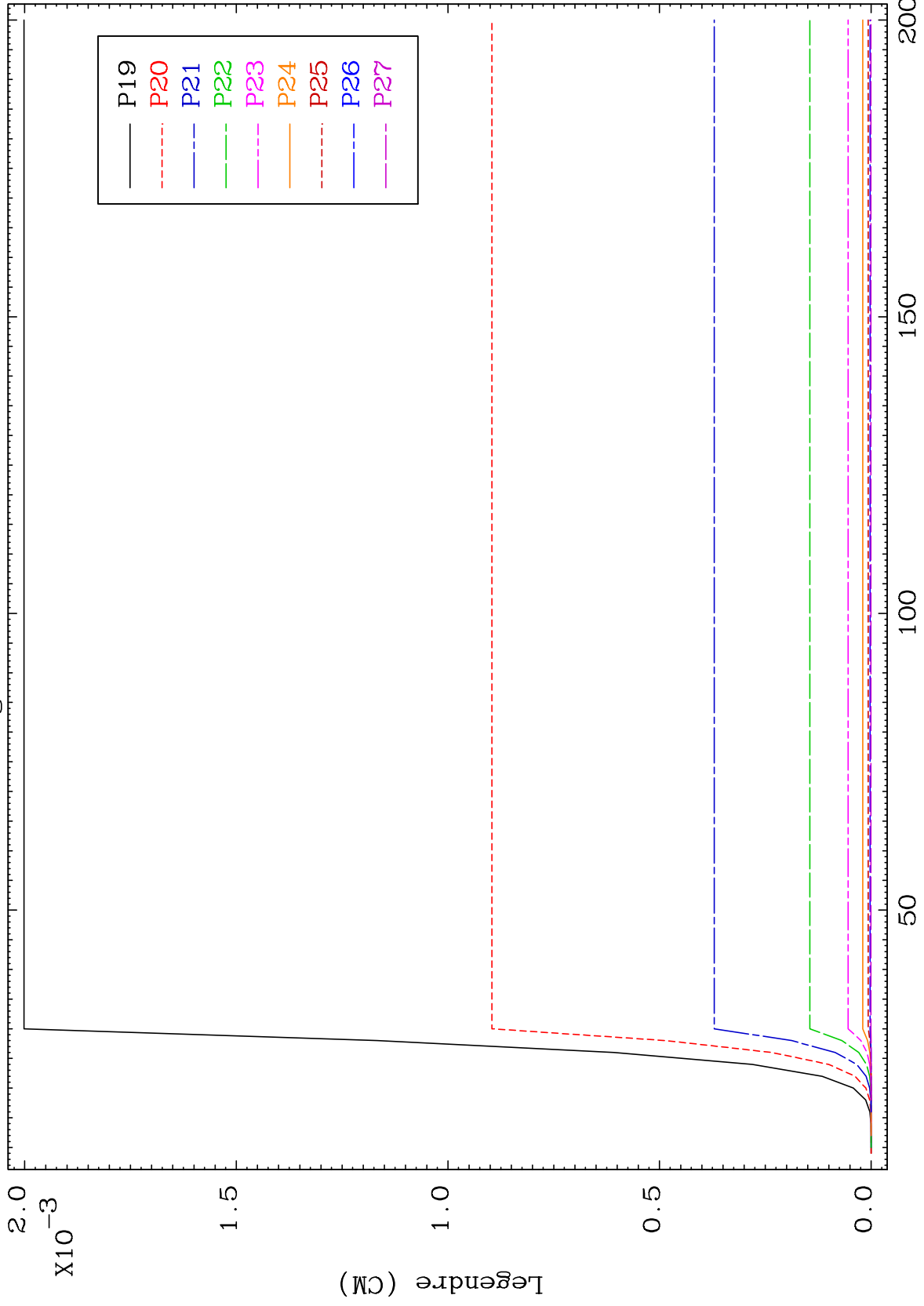
Incident Energy (MeV)

114

MAT 4425

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

44-Ru-96



44-Ru-96

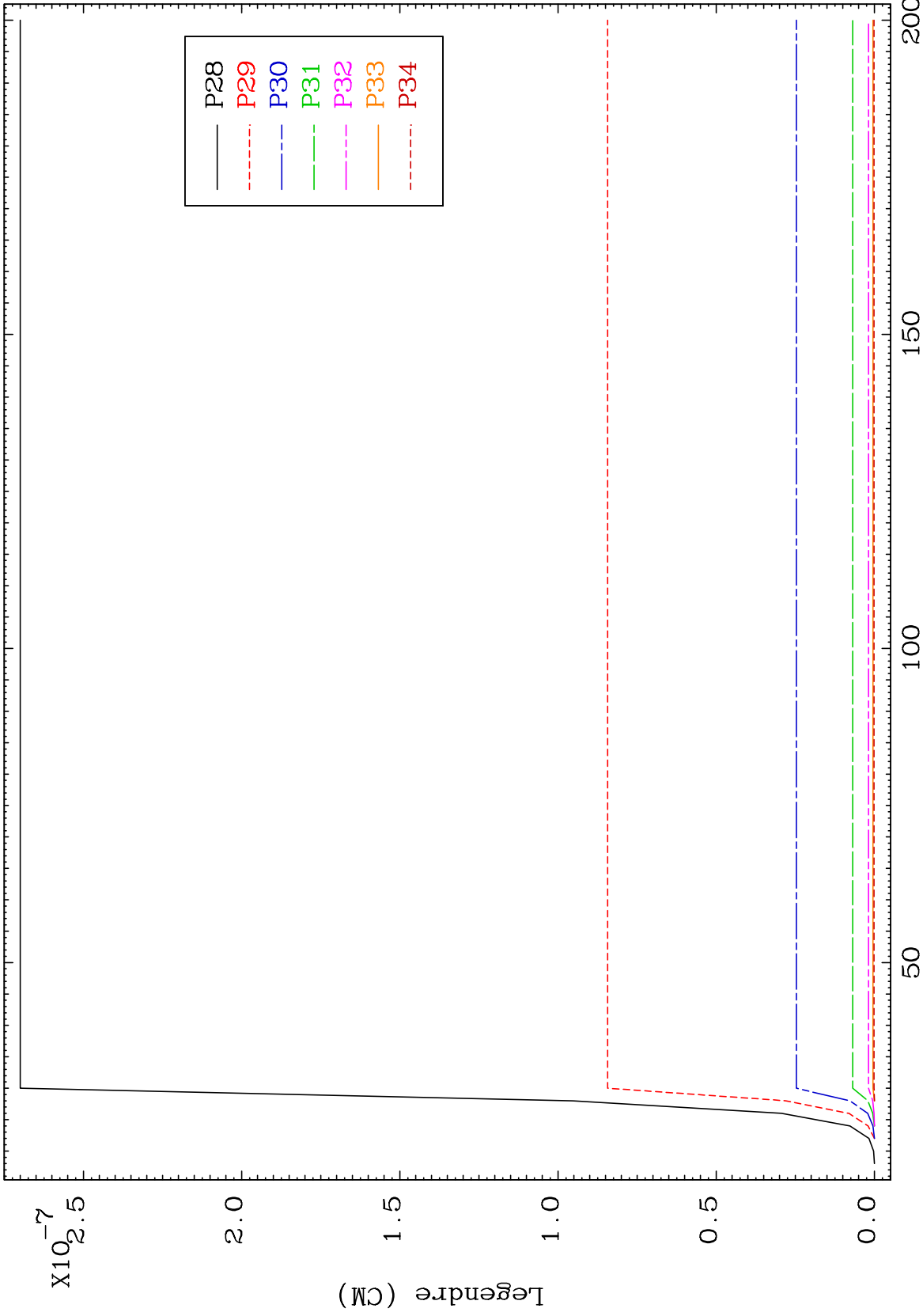
Incident Energy (MeV)

115

MAT 4425

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

44-Ru-96

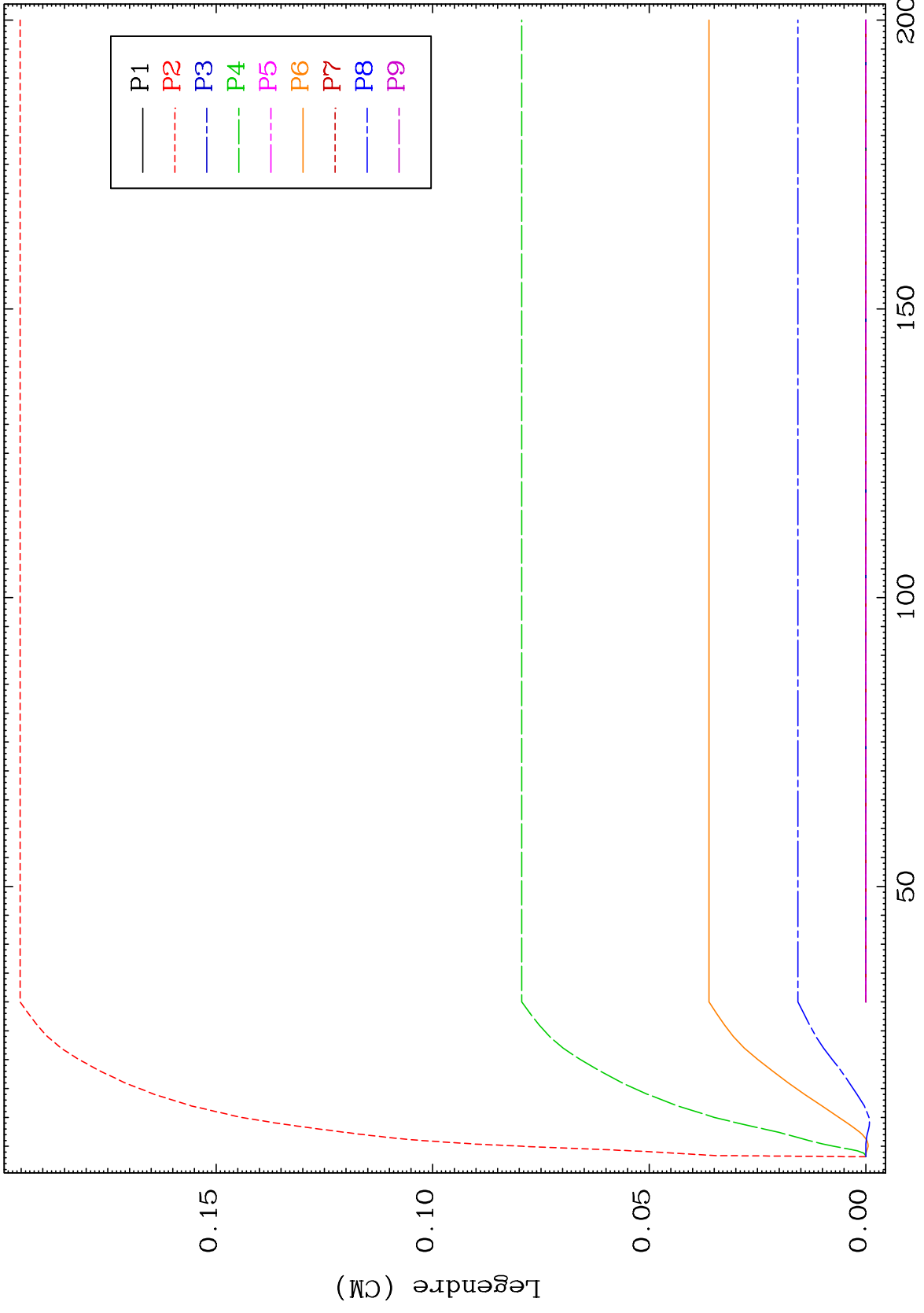


116

Incident Energy (MeV)

44-Ru-96

MAT 4425 MT= 79 (n,n') Level Legendre Coefficients 44-Ru-96

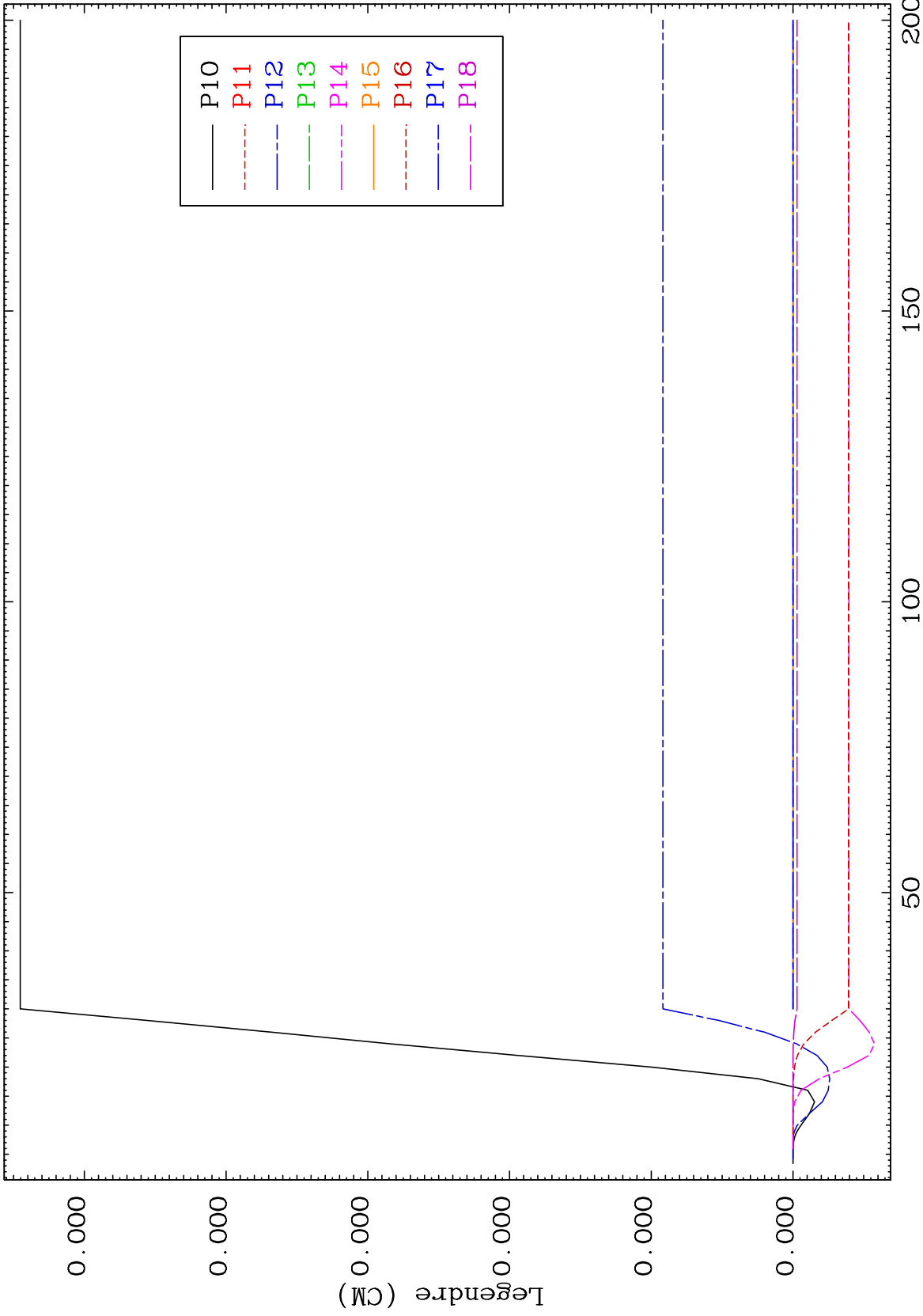


117 44-Ru-96

MAT 4425

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

44-Ru-96



118

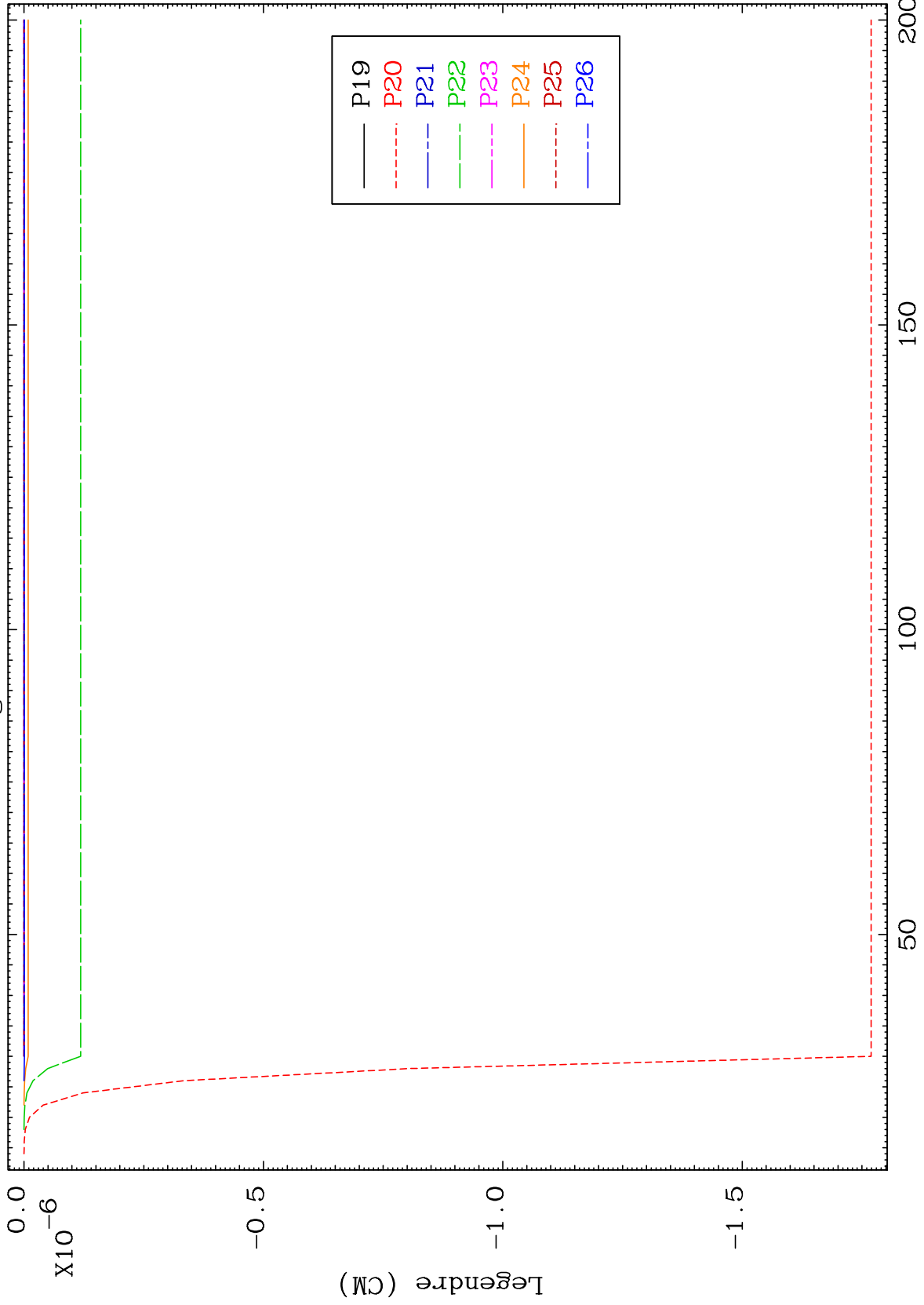
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



44-Ru-96

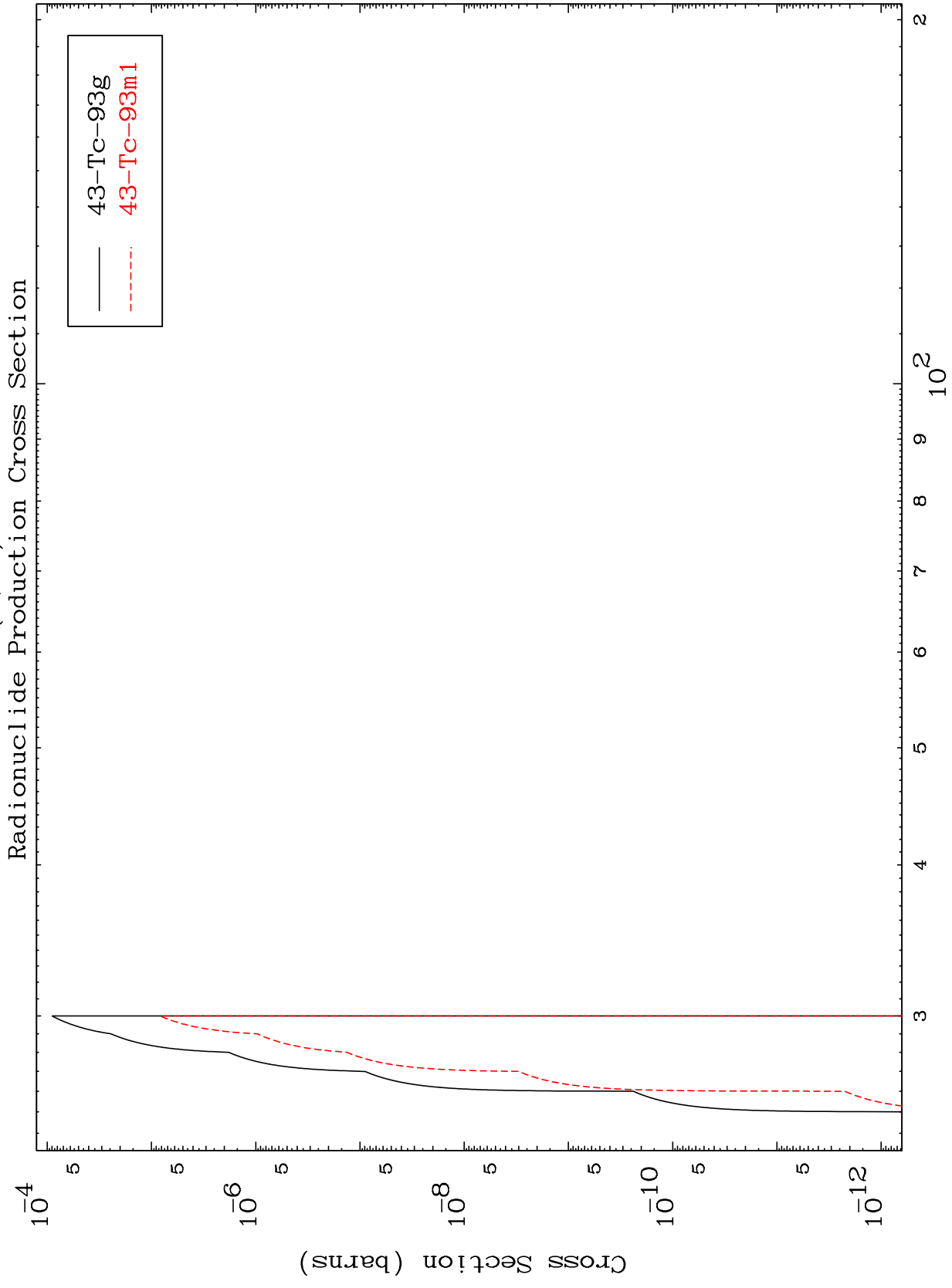
Incident Energy (MeV)

119

MAT 4425

(n,2n) d

44-Ru-96



120

Incident Energy (MeV)

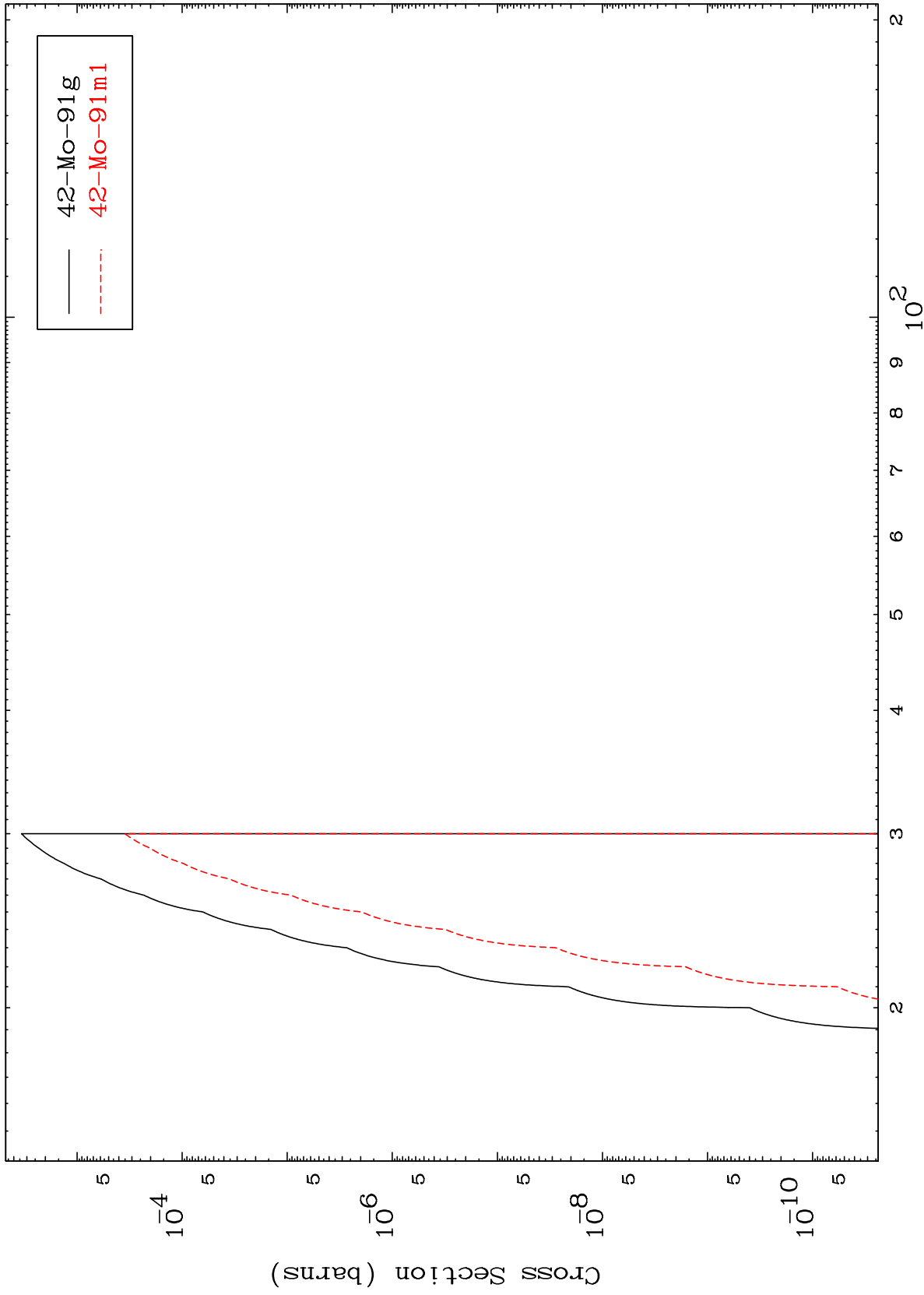
44-Ru-96

MAT 4425

(n,2n)  $\alpha$

44-Ru-96

Radionuclide Production Cross Section



121

Incident Energy (MeV)

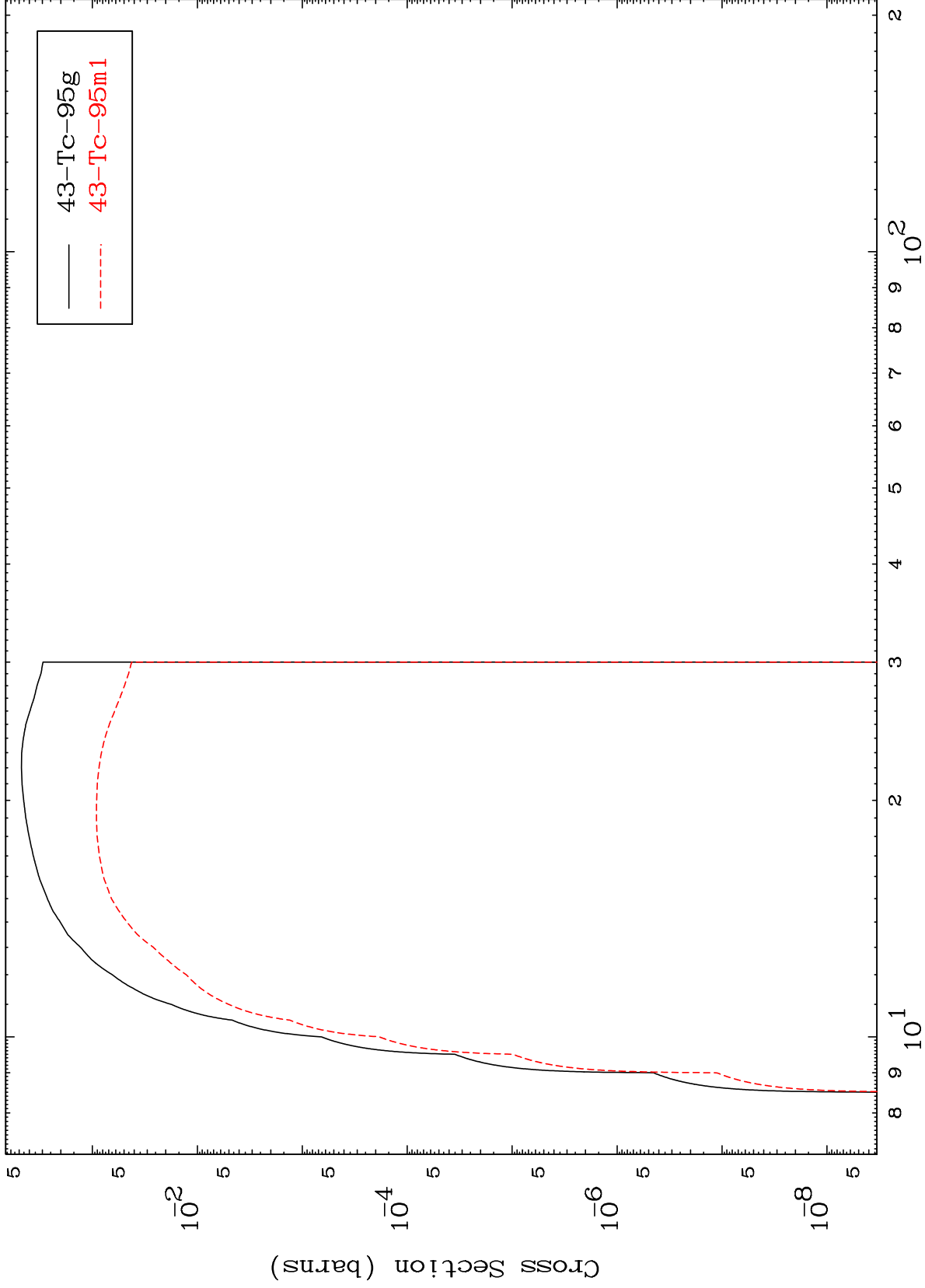
44-Ru-96

MAT 4425

(n,n') p

44-Ru-96

Radionuclide Production Cross Section



122

Incident Energy (MeV)

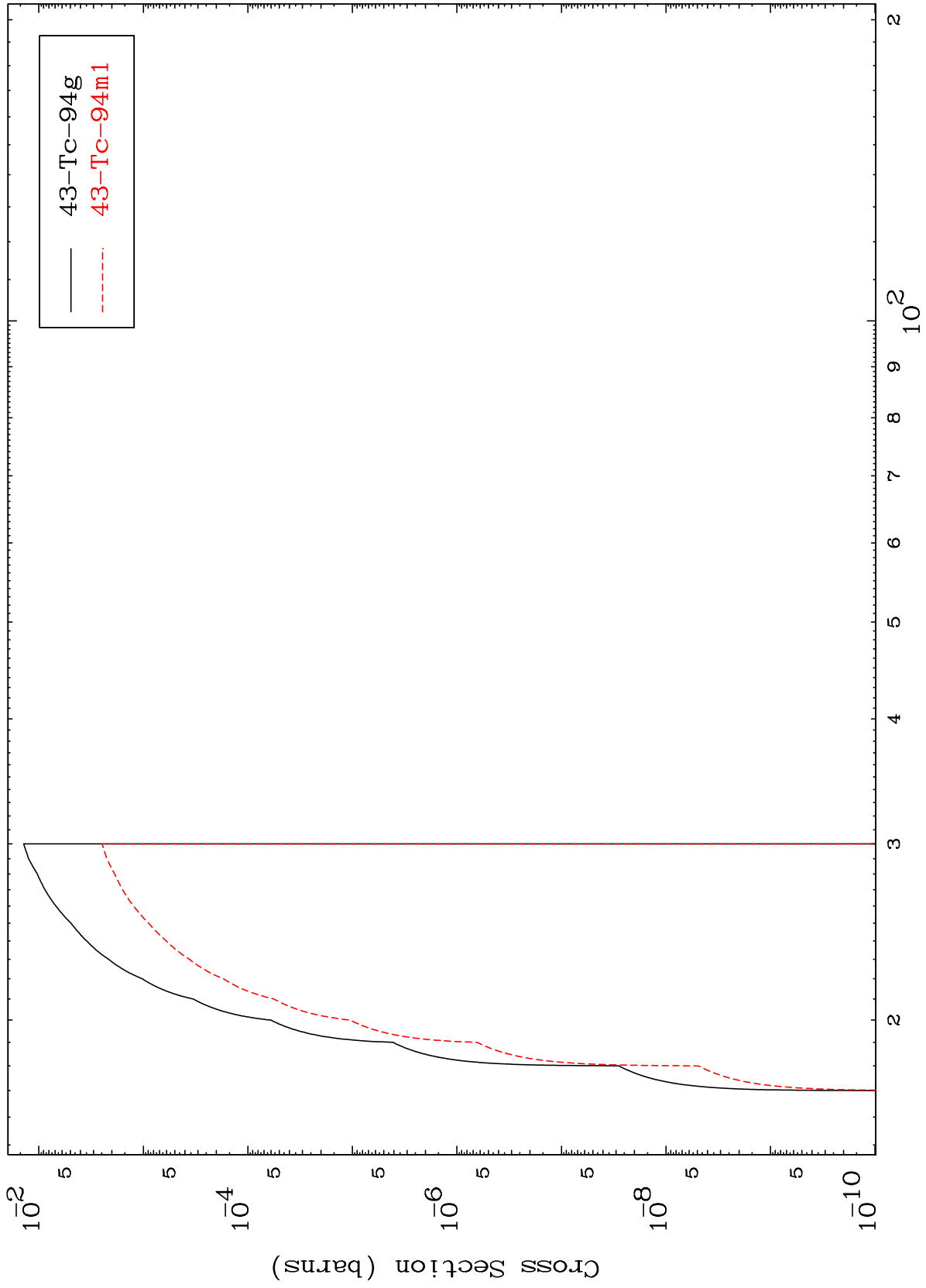
44-Ru-96

MAT 4425

(n,n') d

44-Ru-96

Radionuclide Production Cross Section



123

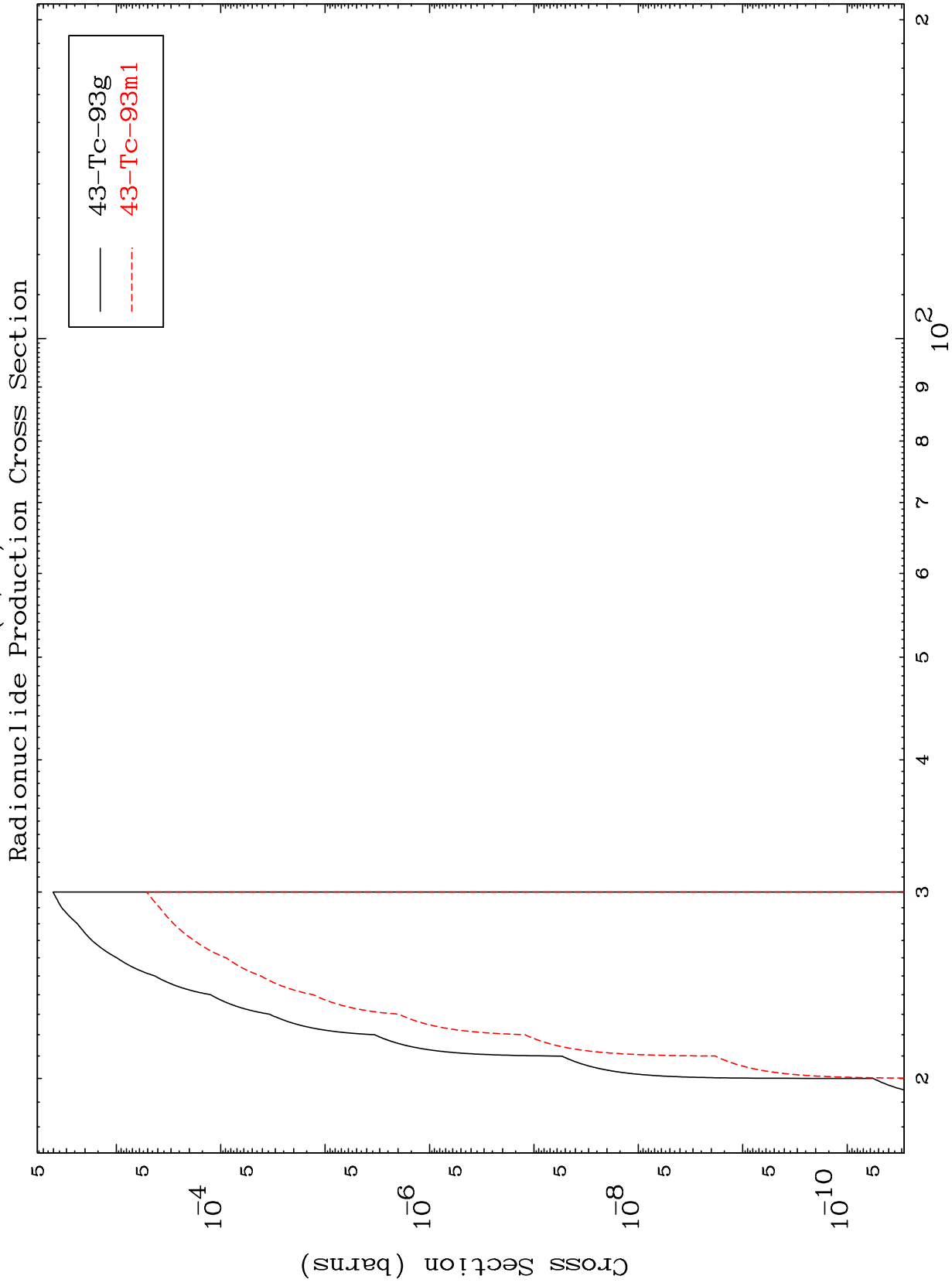
Incident Energy (MeV)

44-Ru-96

MAT 4425

(n,n') t

44-Ru-96



124

Incident Energy (MeV)

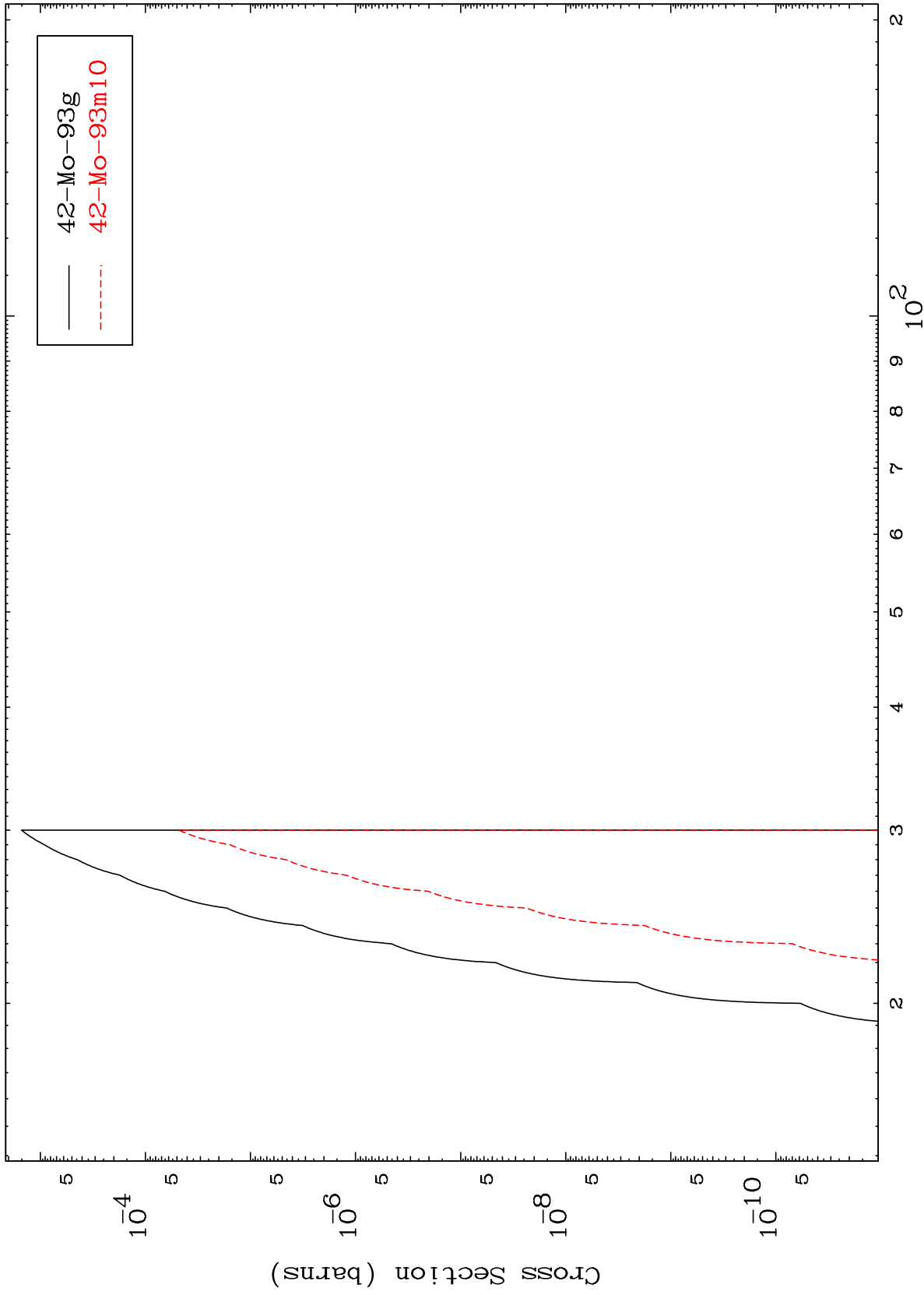
44-Ru-96

MAT 4425

(n, n') He-3

44-Ru-96

Radionuclide Production Cross Section



125

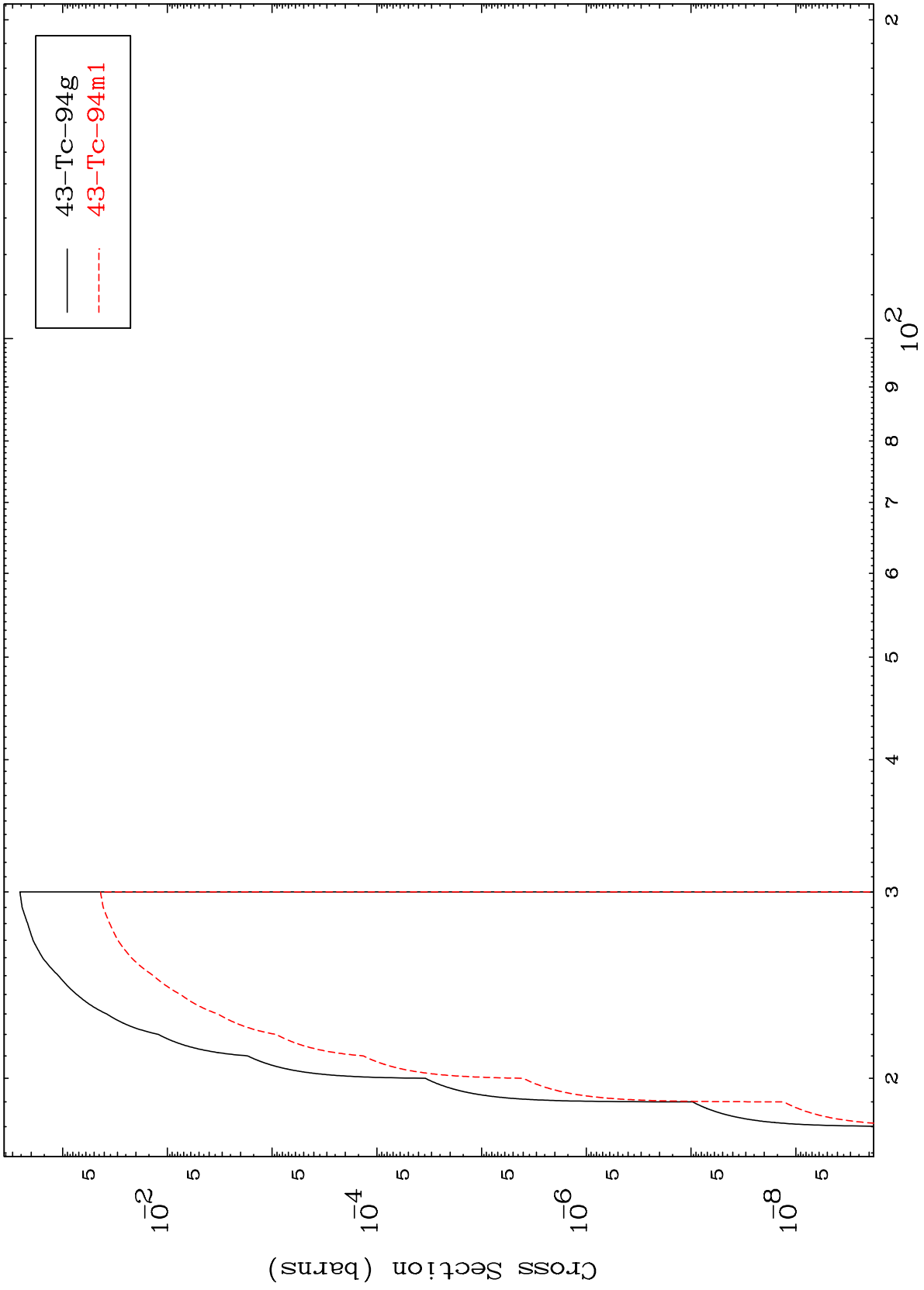
Incident Energy (MeV)

44-Ru-96

MAT 4425

44-Ru-96

(n,2n) p  
Radionuclide Production Cross Section



126

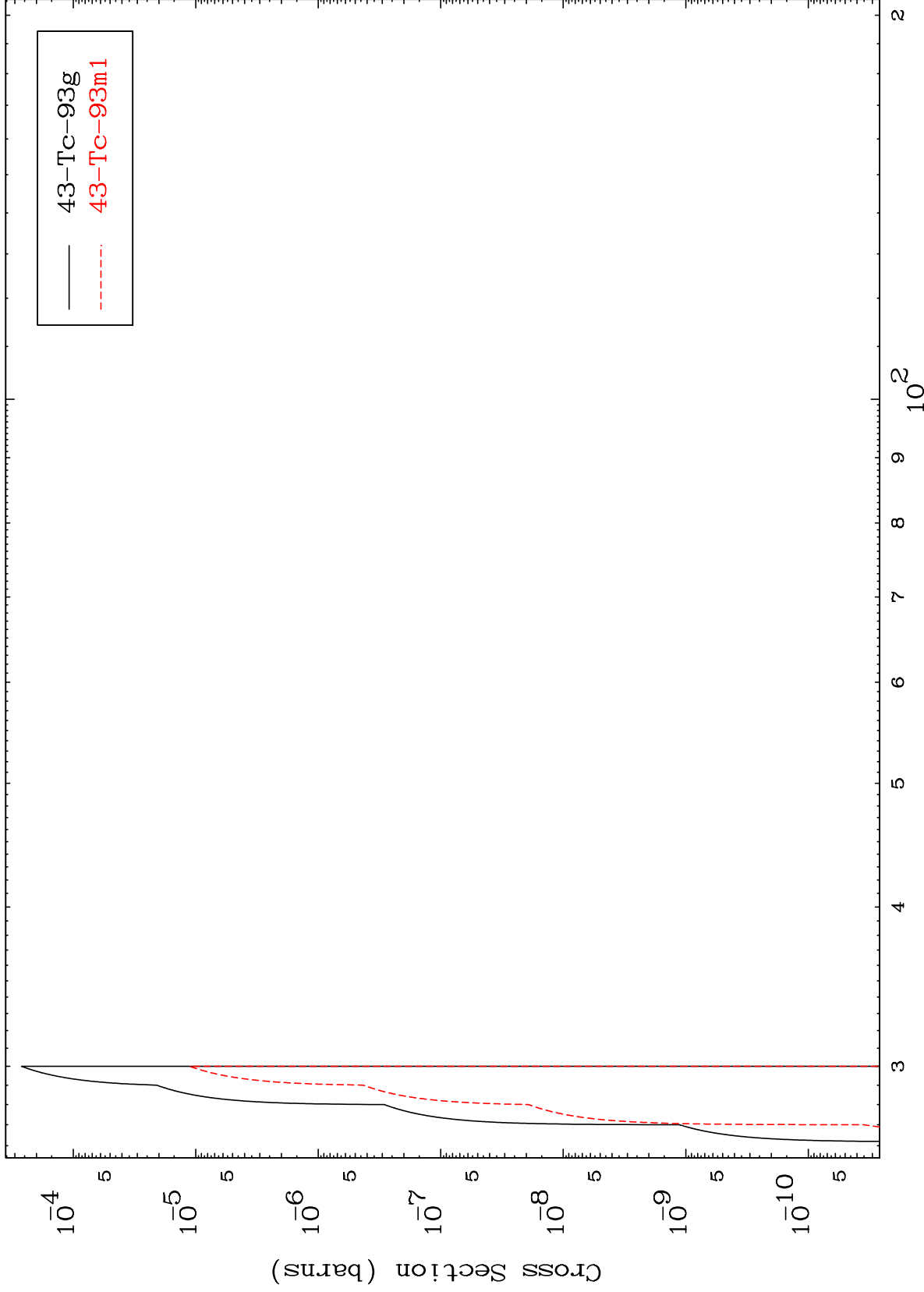
44-Ru-96

MAT 4425

(n,3n) p

44-Ru-96

Radionuclide Production Cross Section



127

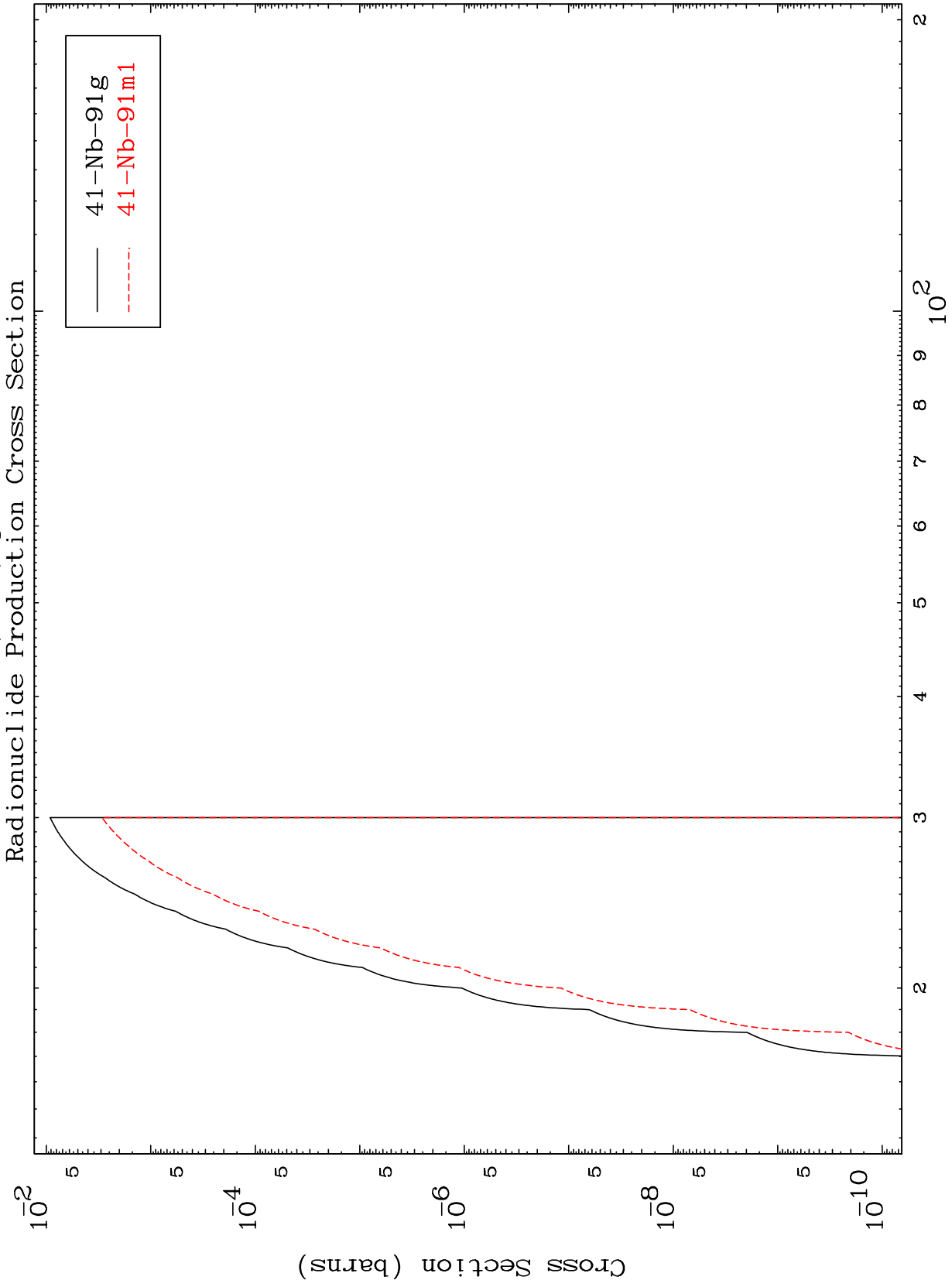
Incident Energy (MeV)

44-Ru-96

MAT 4425

(n,n') p  $\alpha$

44-Ru-96



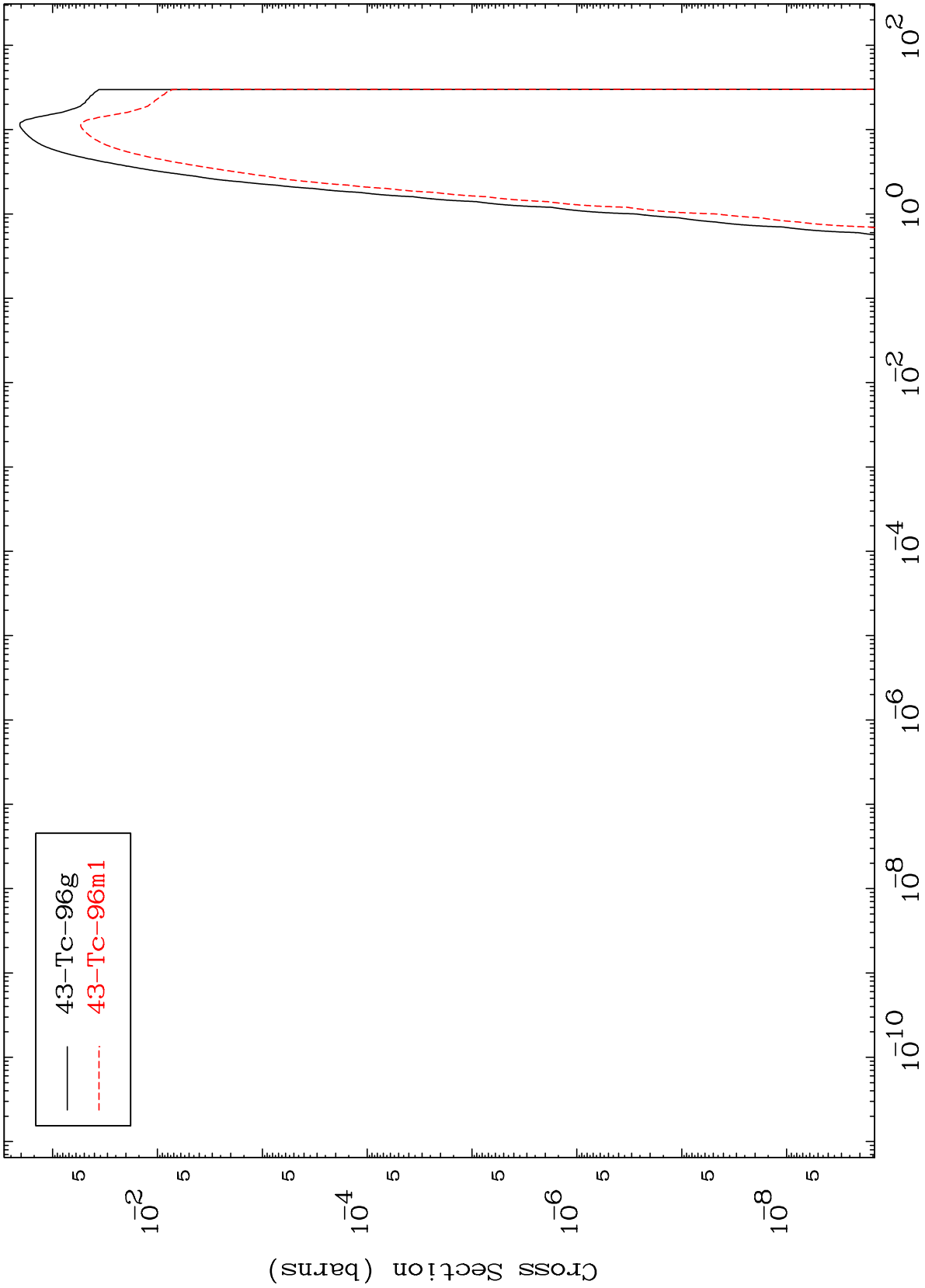
128

44-Ru-96

MAT 4425

(n,p)  
Radionuclide Production Cross Section

44-Ru-96



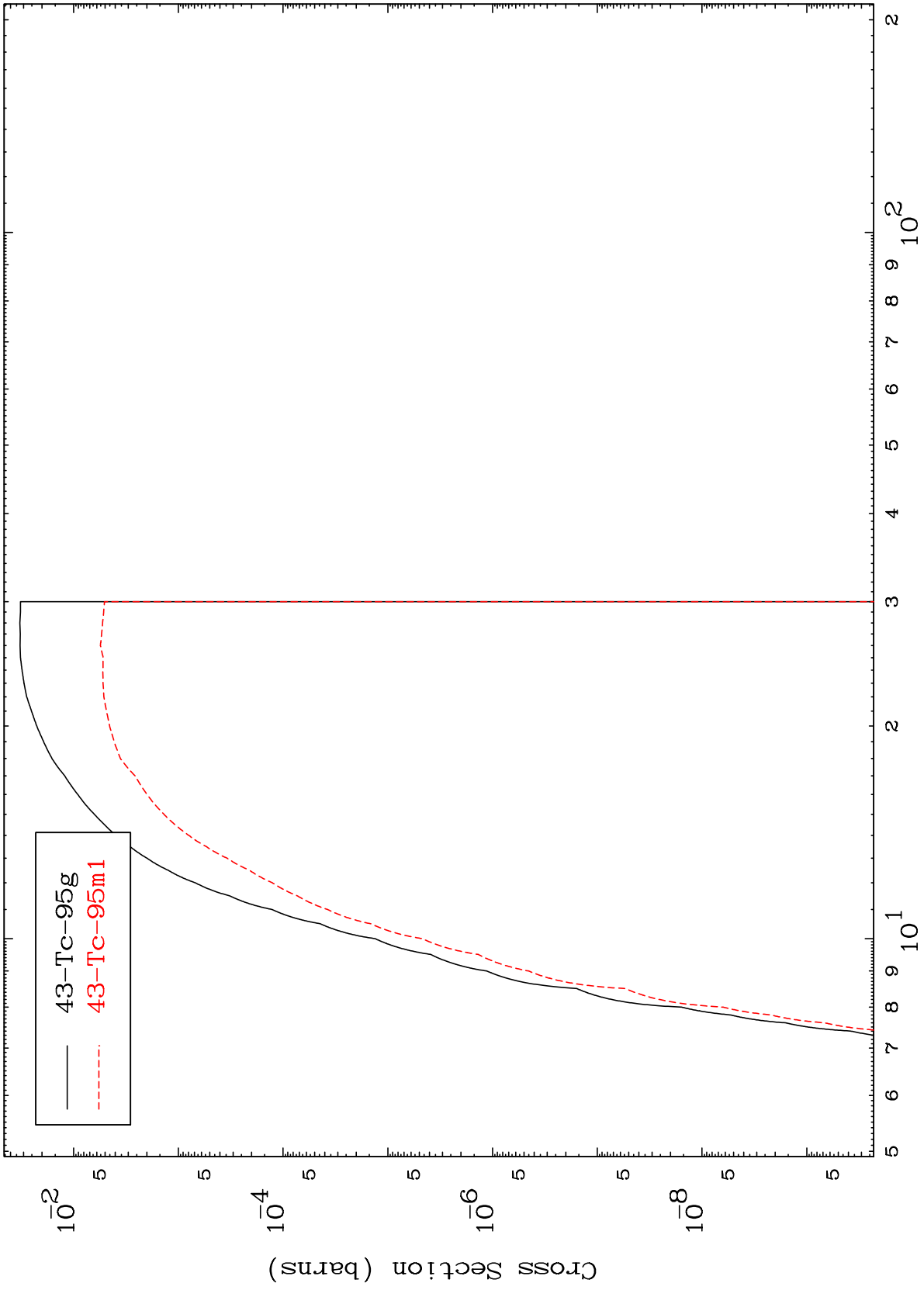
129

44-Ru-96

MAT 4425

(n,d)  
Radionuclide Production Cross Section

44-Ru-96



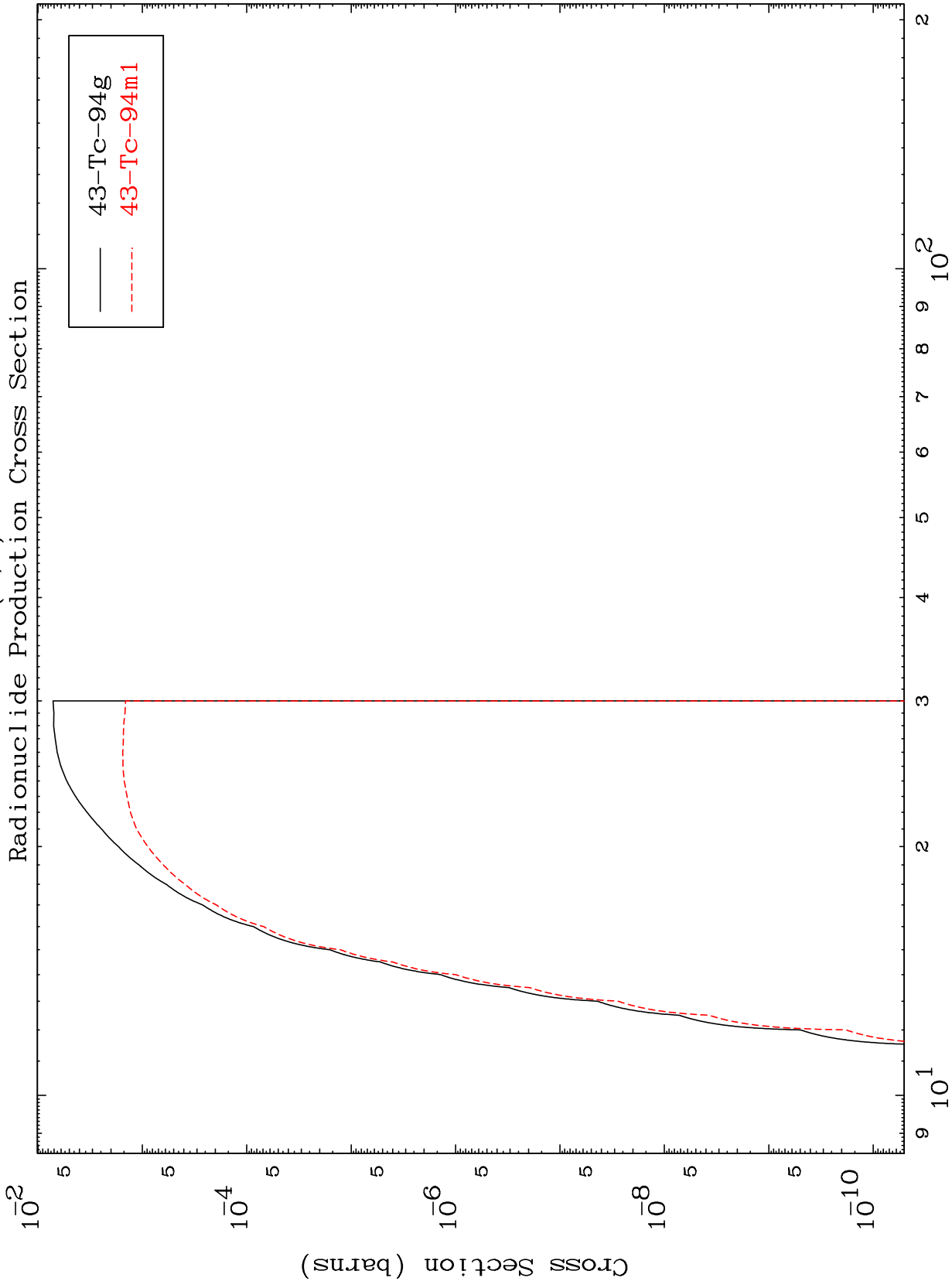
130

44-Ru-96

MAT 4425

(n, t)

44-Ru-96



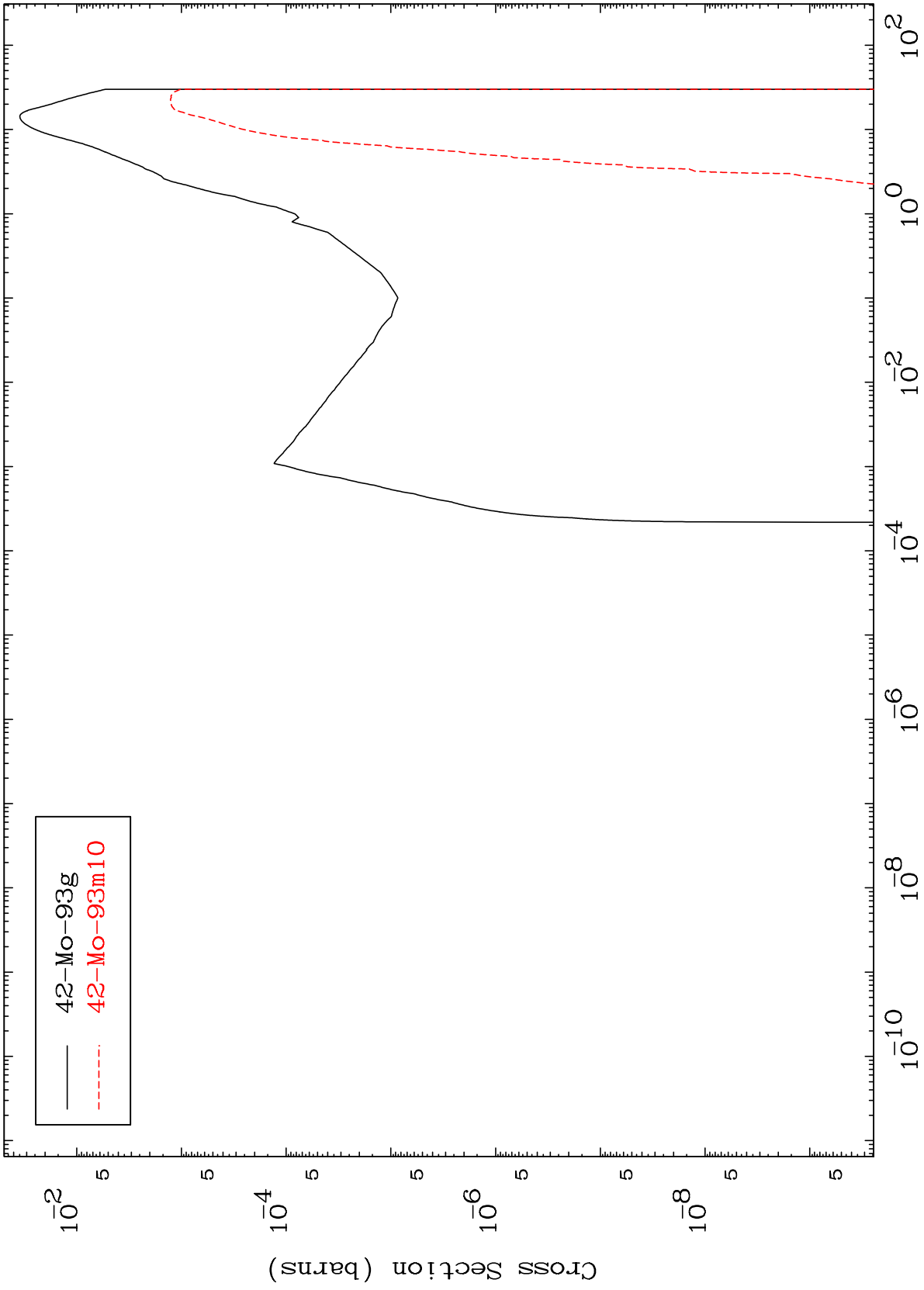
44-Ru-96

131

MAT 4425

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

44-Ru-96



44-Ru-96

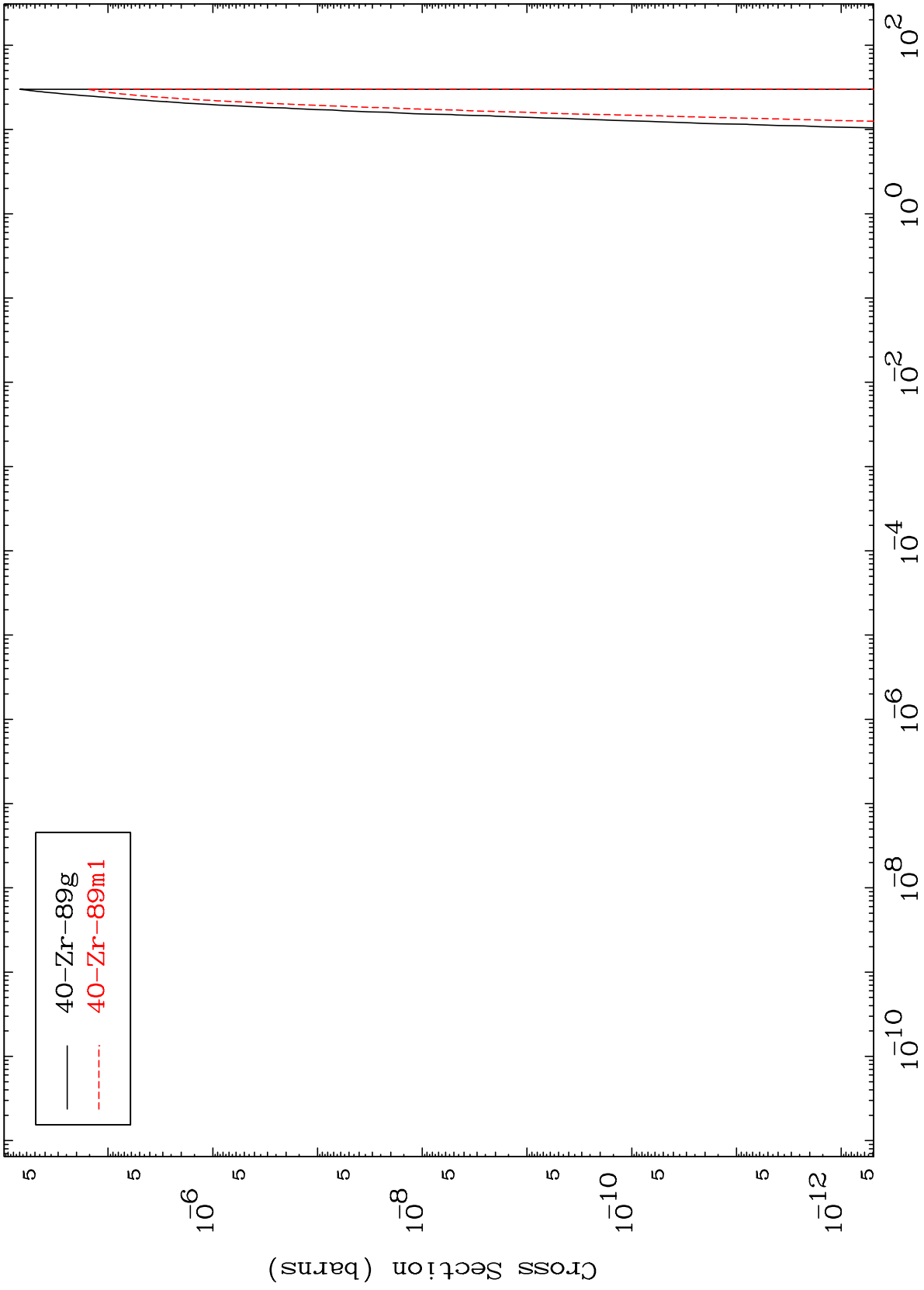
Incident Energy (MeV)

132

MAT 4425

Radionuclide Production Cross Section  
(n,2α)

44-Ru-96



133

Incident Energy (MeV)

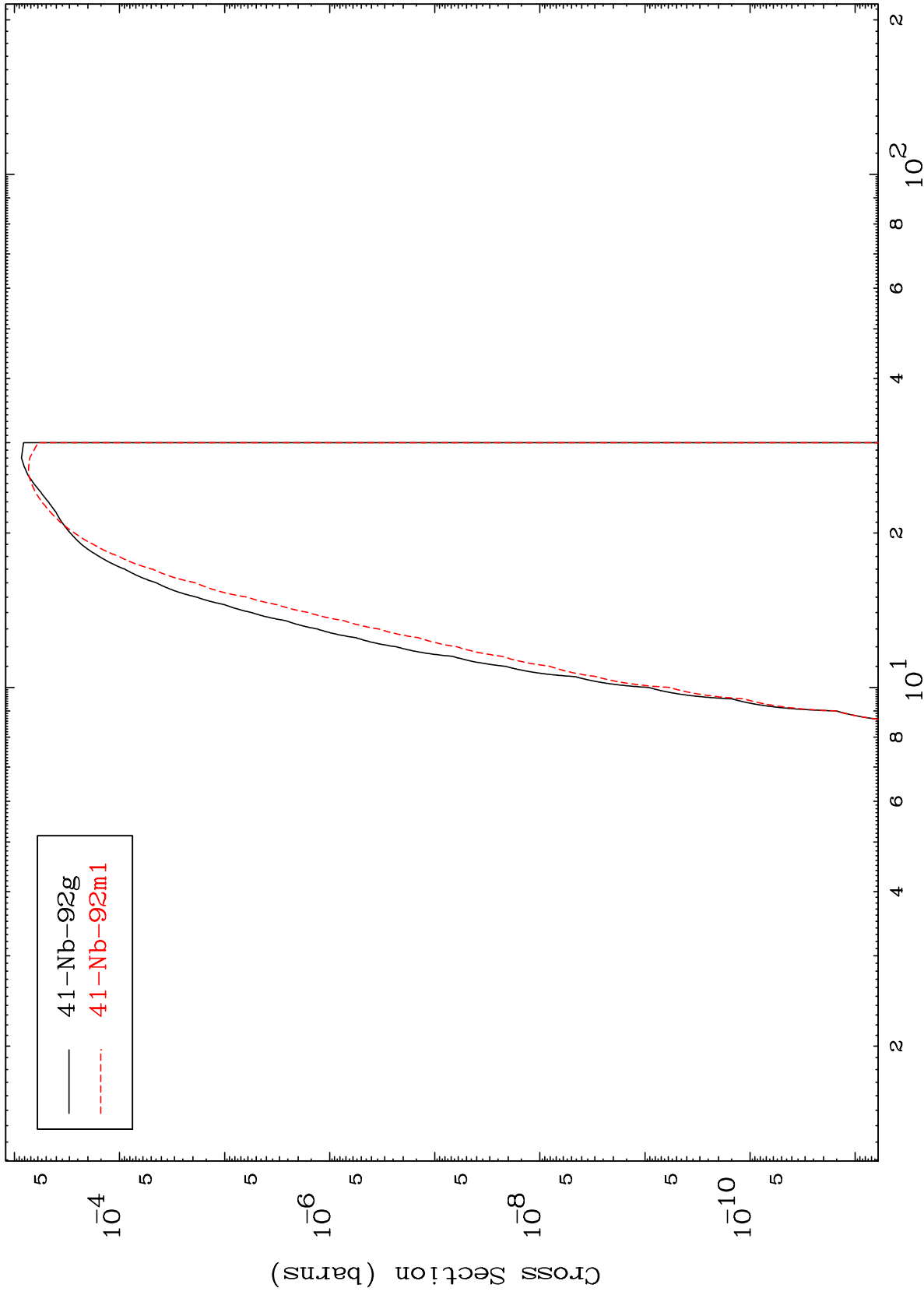
44-Ru-96

MAT 4425

(n,p)  $\alpha$

44-Ru-96

Radionuclide Production Cross Section



134

Incident Energy (MeV)

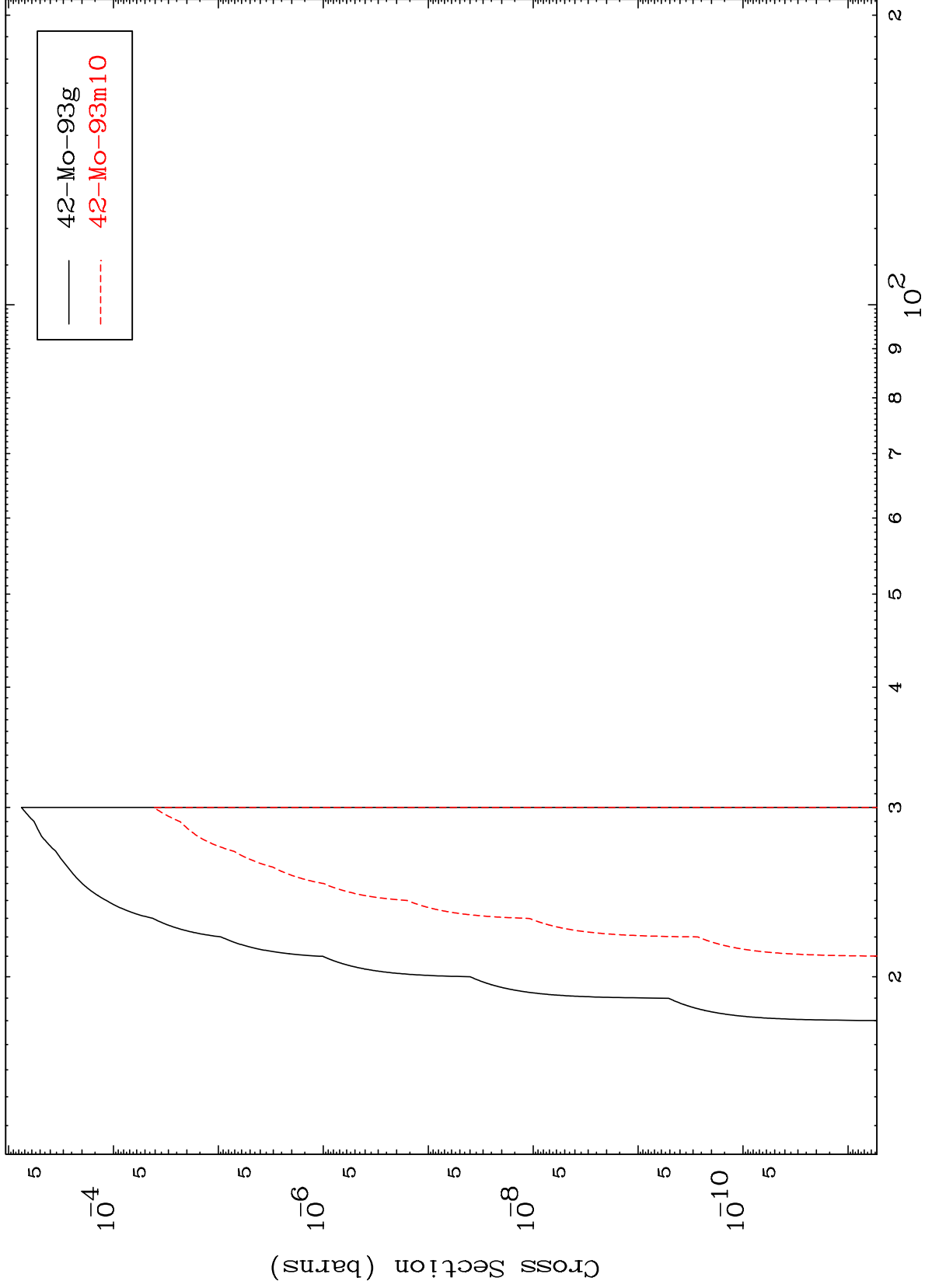
44-Ru-96

MAT 4425

(n,p) t

44-Ru-96

Radionuclide Production Cross Section



135

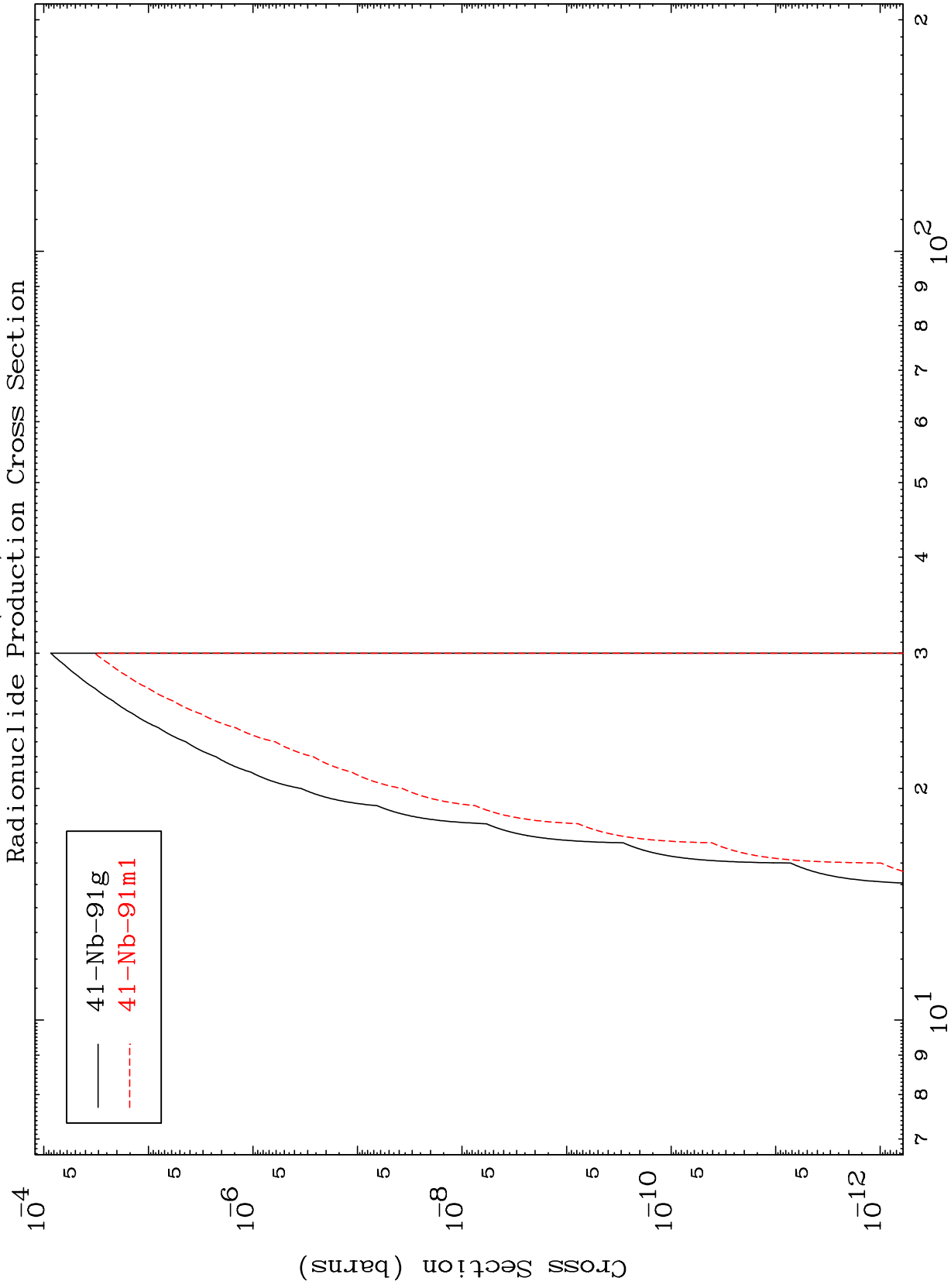
Incident Energy (MeV)

44-Ru-96

MAT 4425

(n,d)  $\alpha$

44-Ru-96



136

44-Ru-96