

Program EVALPLOT  
(Version 2018-1)

by

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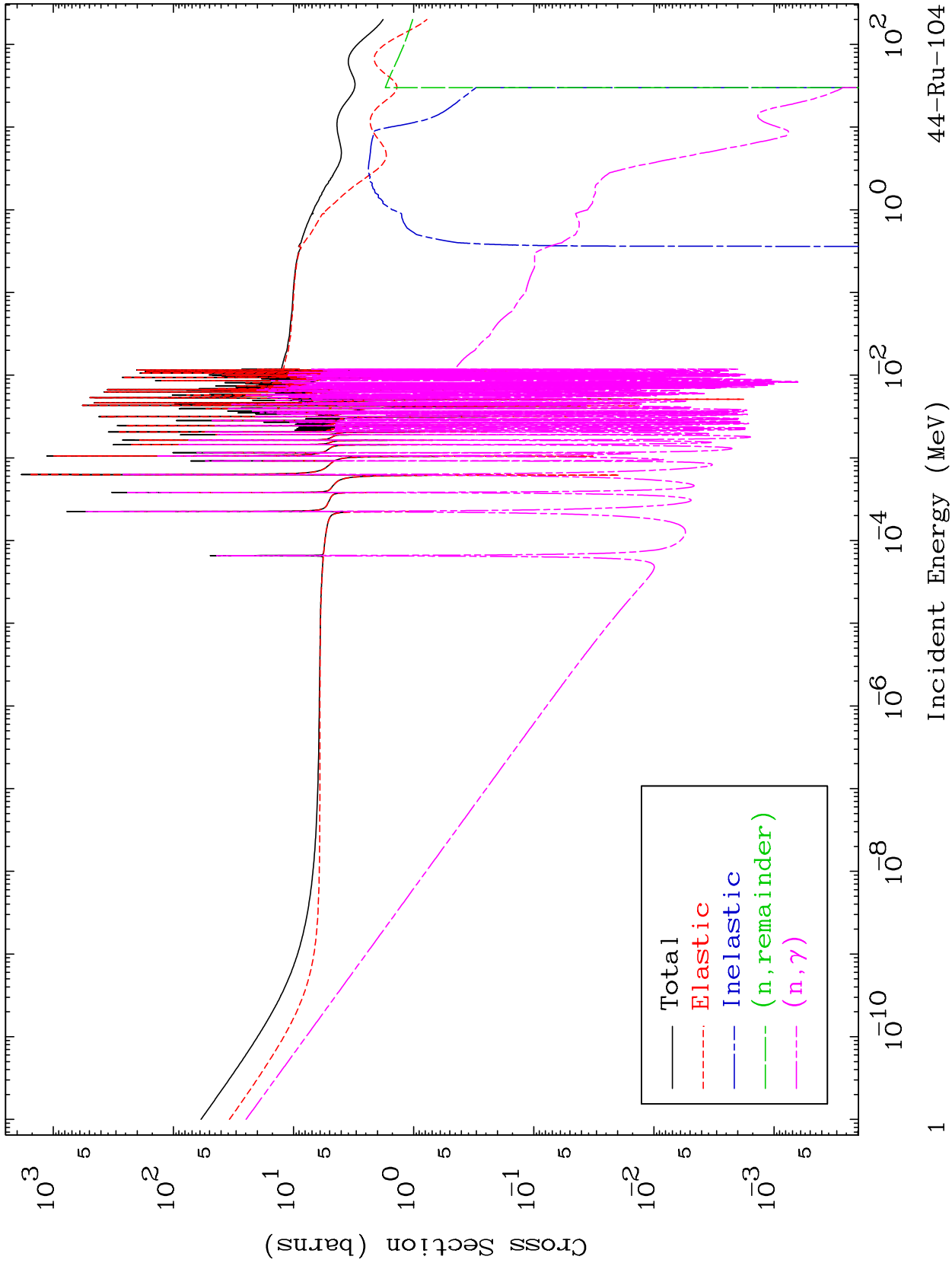
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4449

Major  
293 Kelvin Cross Sections

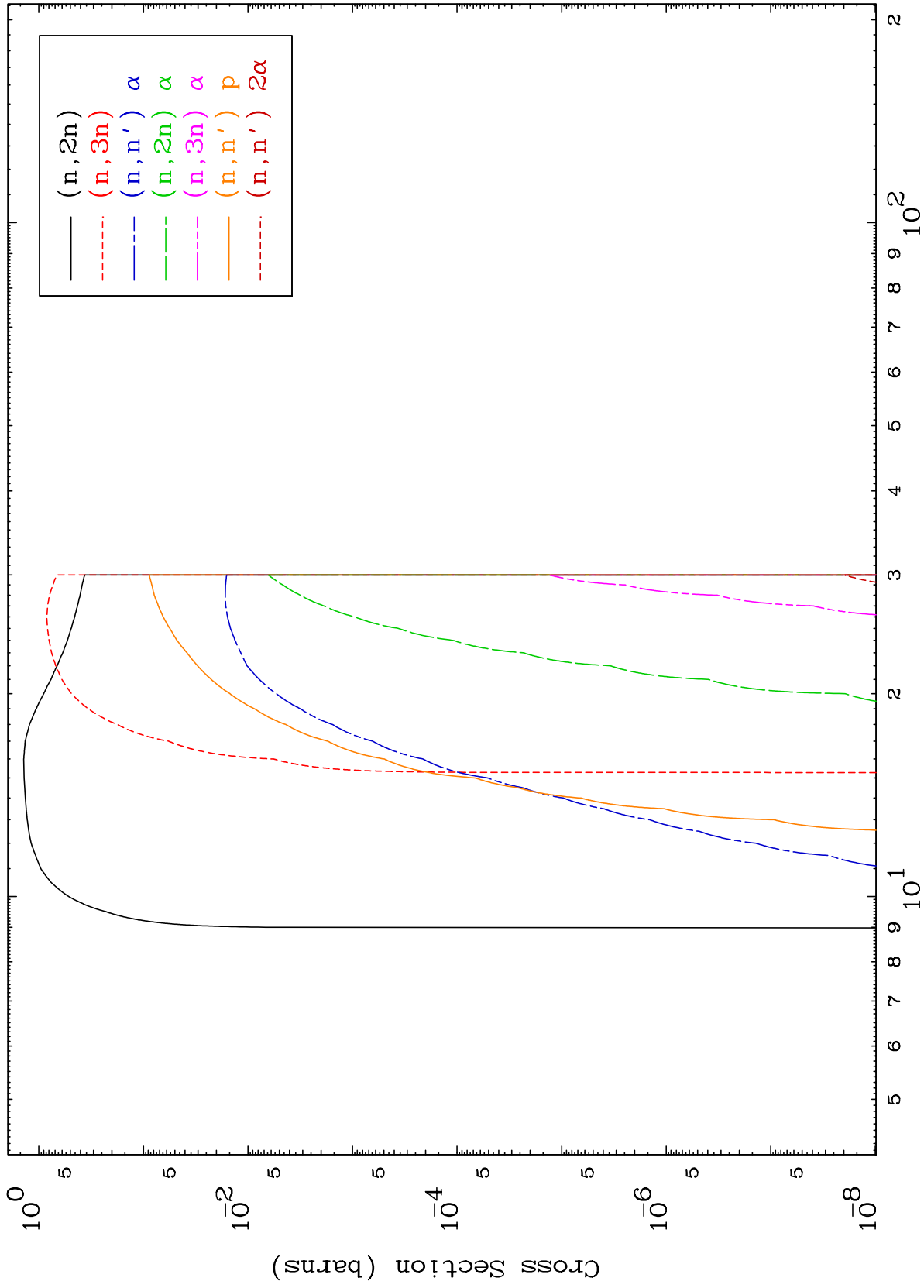
44-Ru-104



MAT 4449

Neutron Production  
293 Kelvin Cross Sections

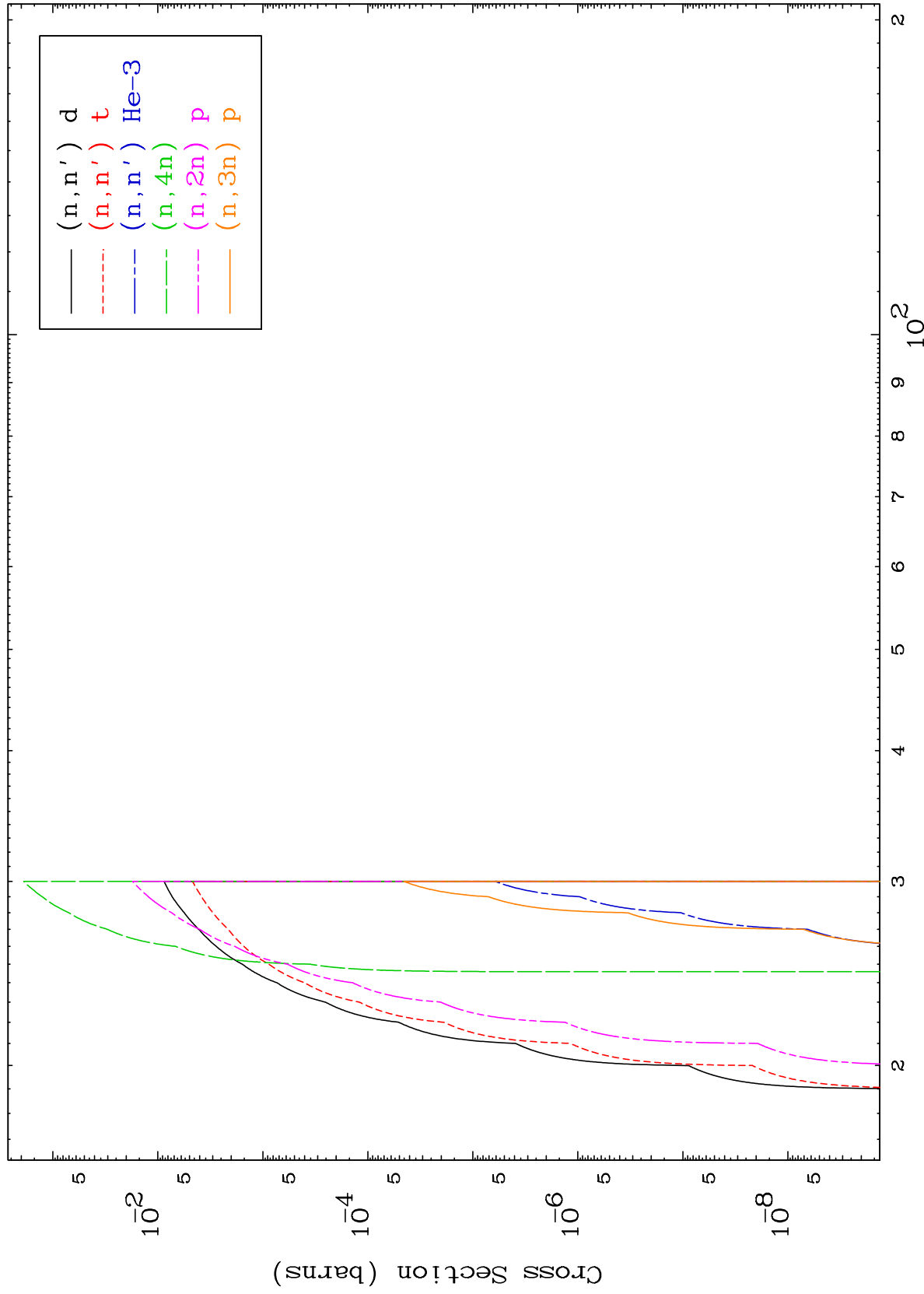
44-Ru-104

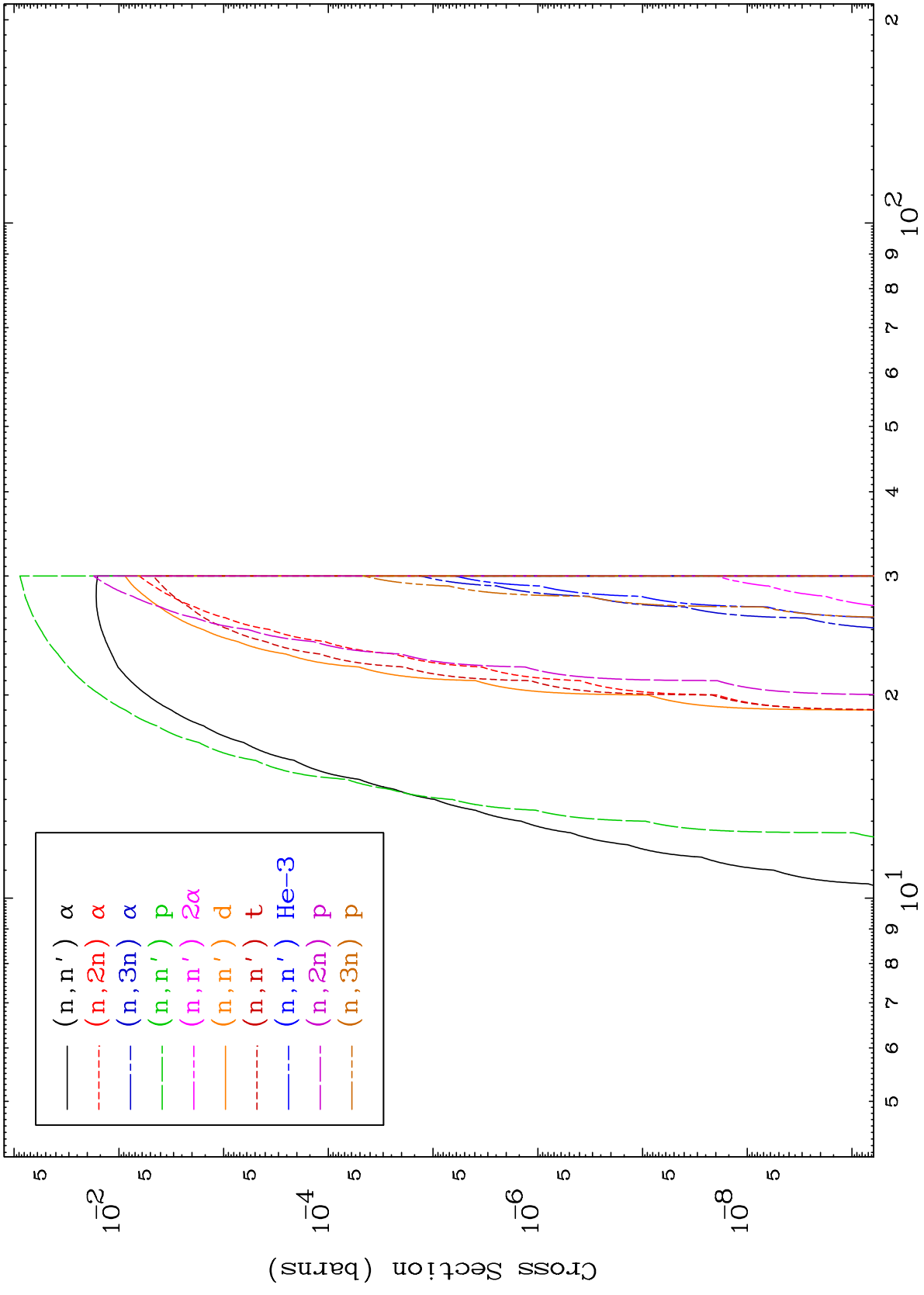


2

Incident Energy (MeV)

44-Ru-104

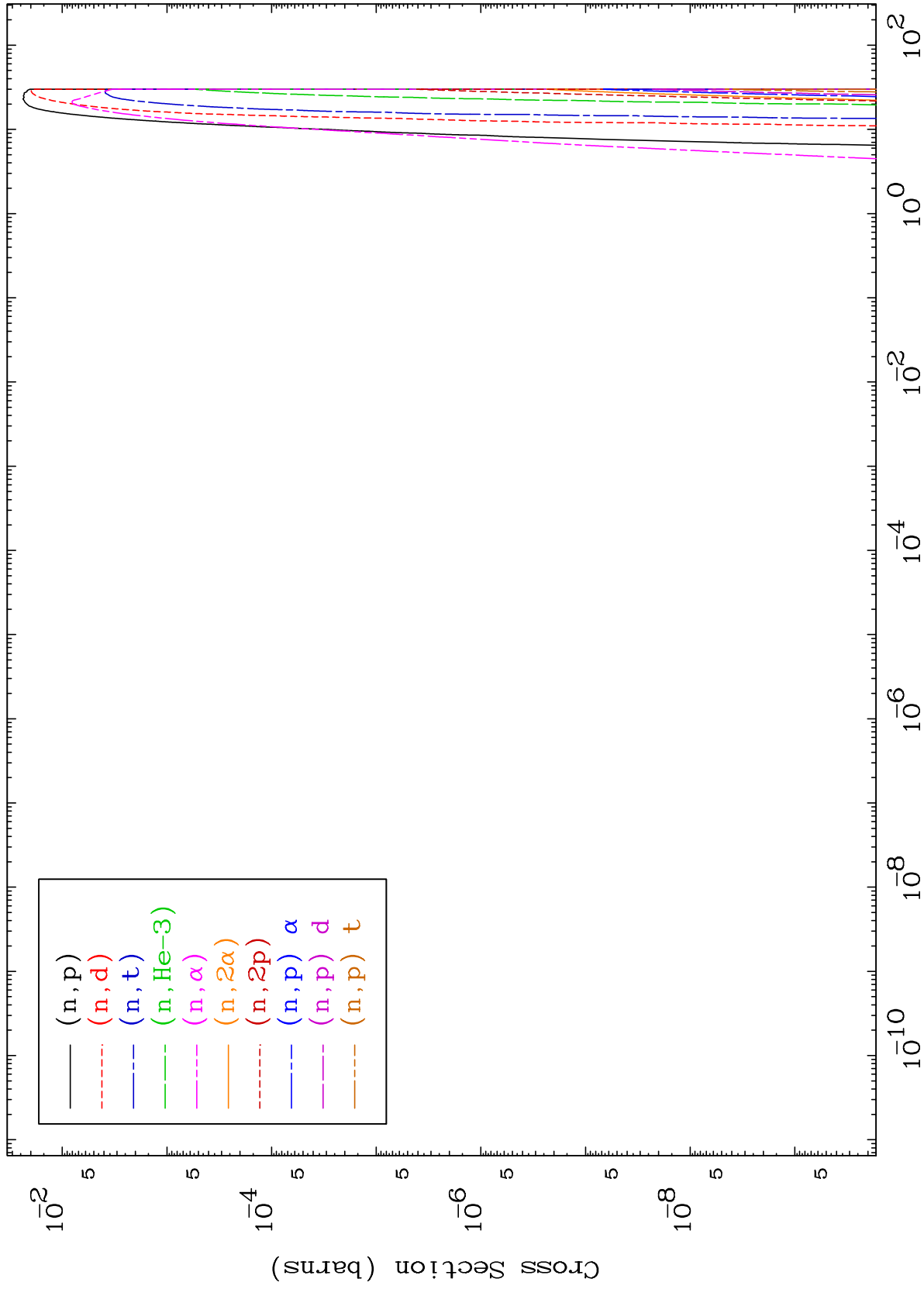




MAT 4449

Charged Particle  
293 Kelvin Cross Sections

44-Ru-104



5

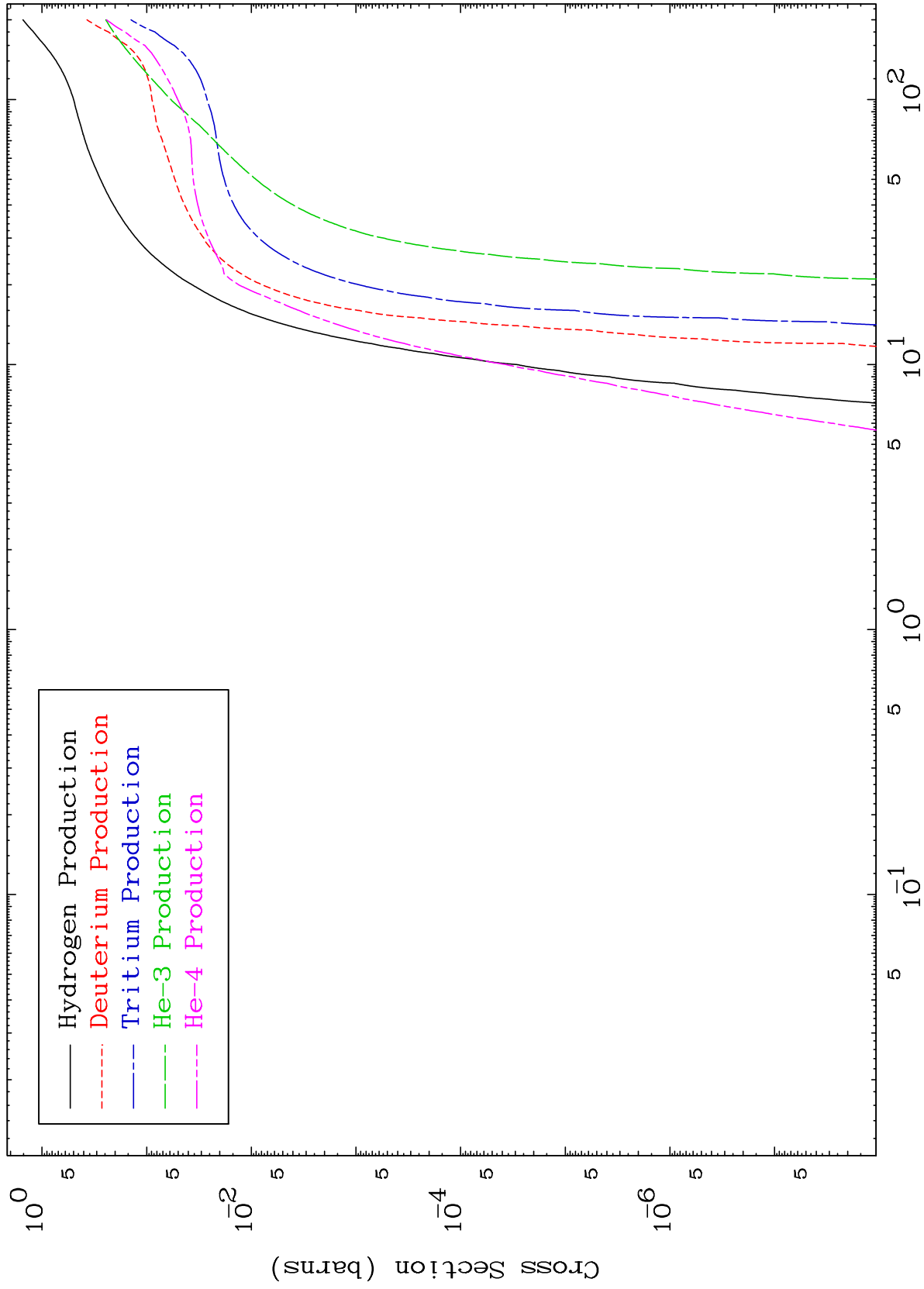
Incident Energy (MeV)

44-Ru-104

MAT 4449

Particle Production  
293 Kelvin Cross Sections

44-Ru-104



6

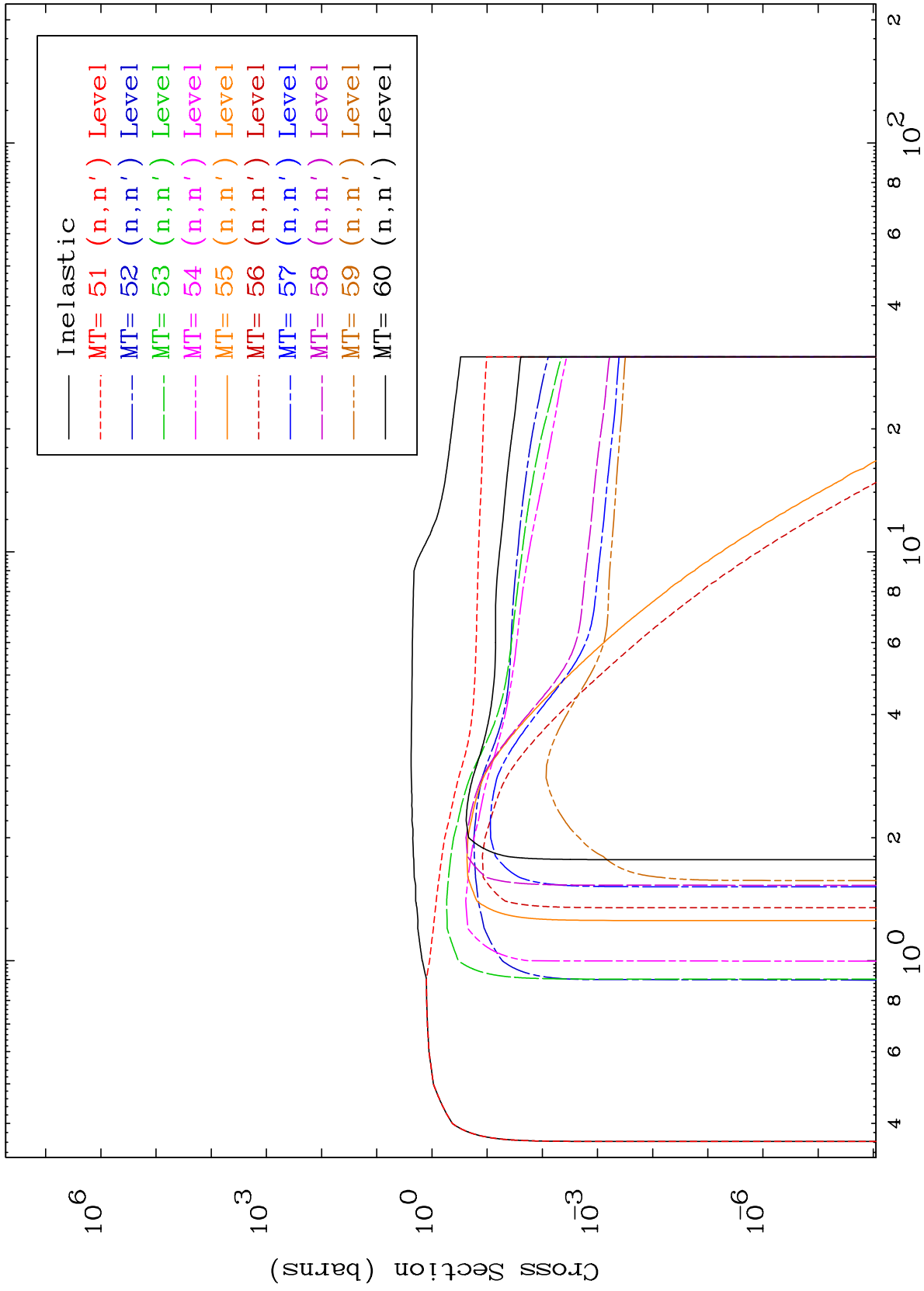
44-Ru-104

MAT 4449

(n,n') Level

44-Ru-104

293 Kelvin Cross Sections

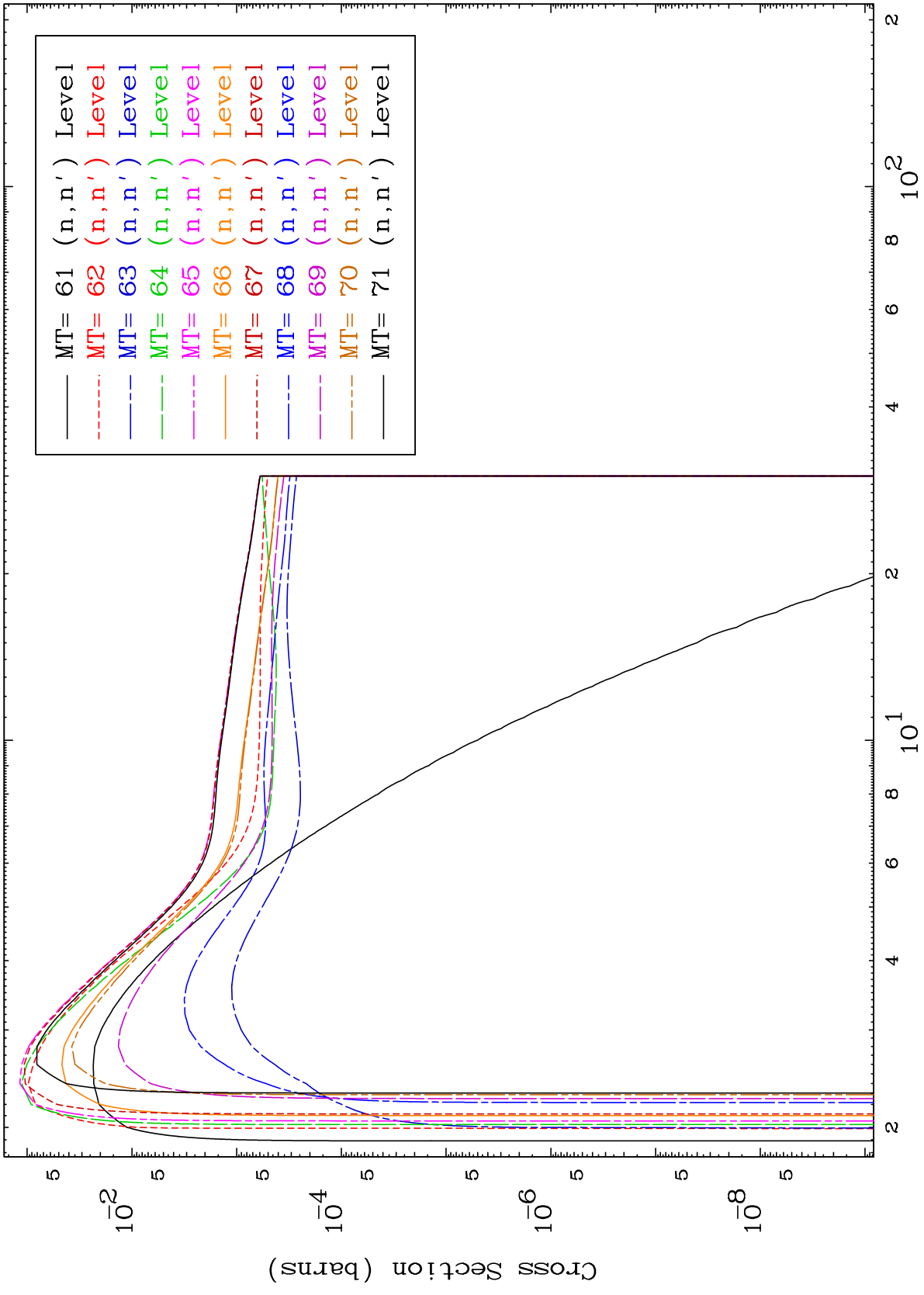


MAT 4449

(n,n') Level

44-Ru-104

293 Kelvin Cross Sections



8

Incident Energy (MeV)

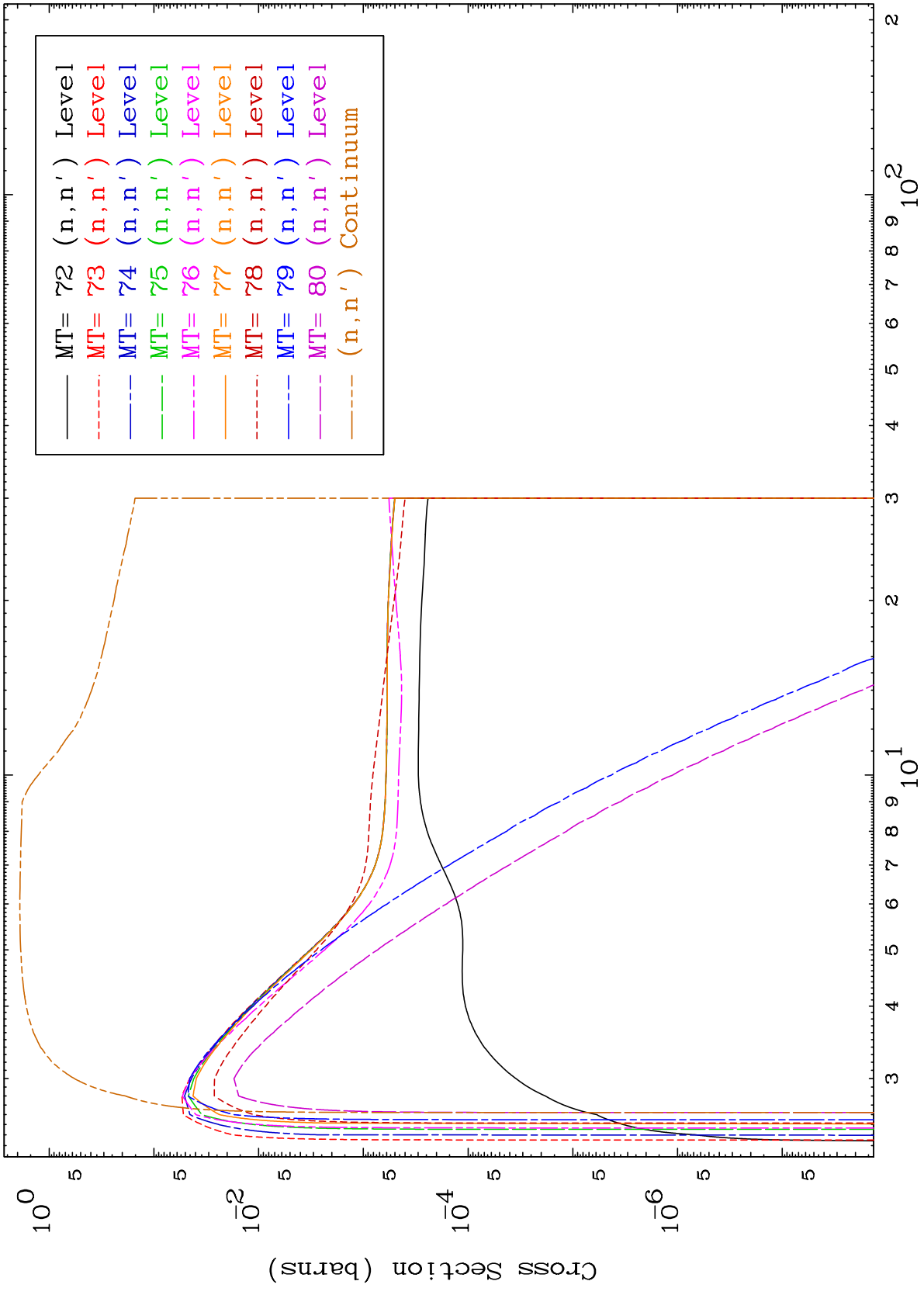
44-Ru-104

MAT 4449

(n,n') Level

44-Ru-104

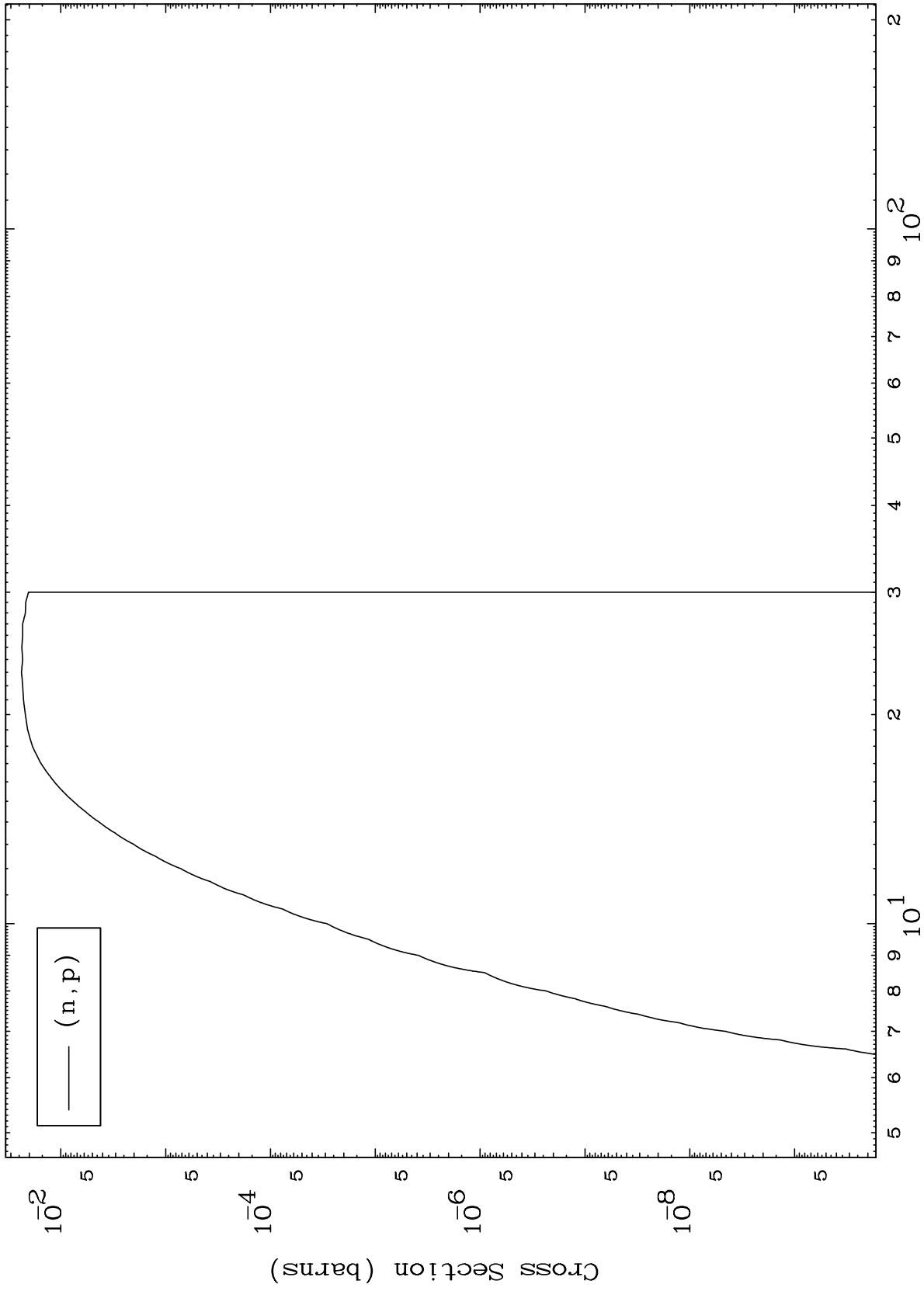
293 Kelvin Cross Sections



MAT 4449

(n,p) Levels  
293 Kelvin Cross Sections

44-Ru-104



10

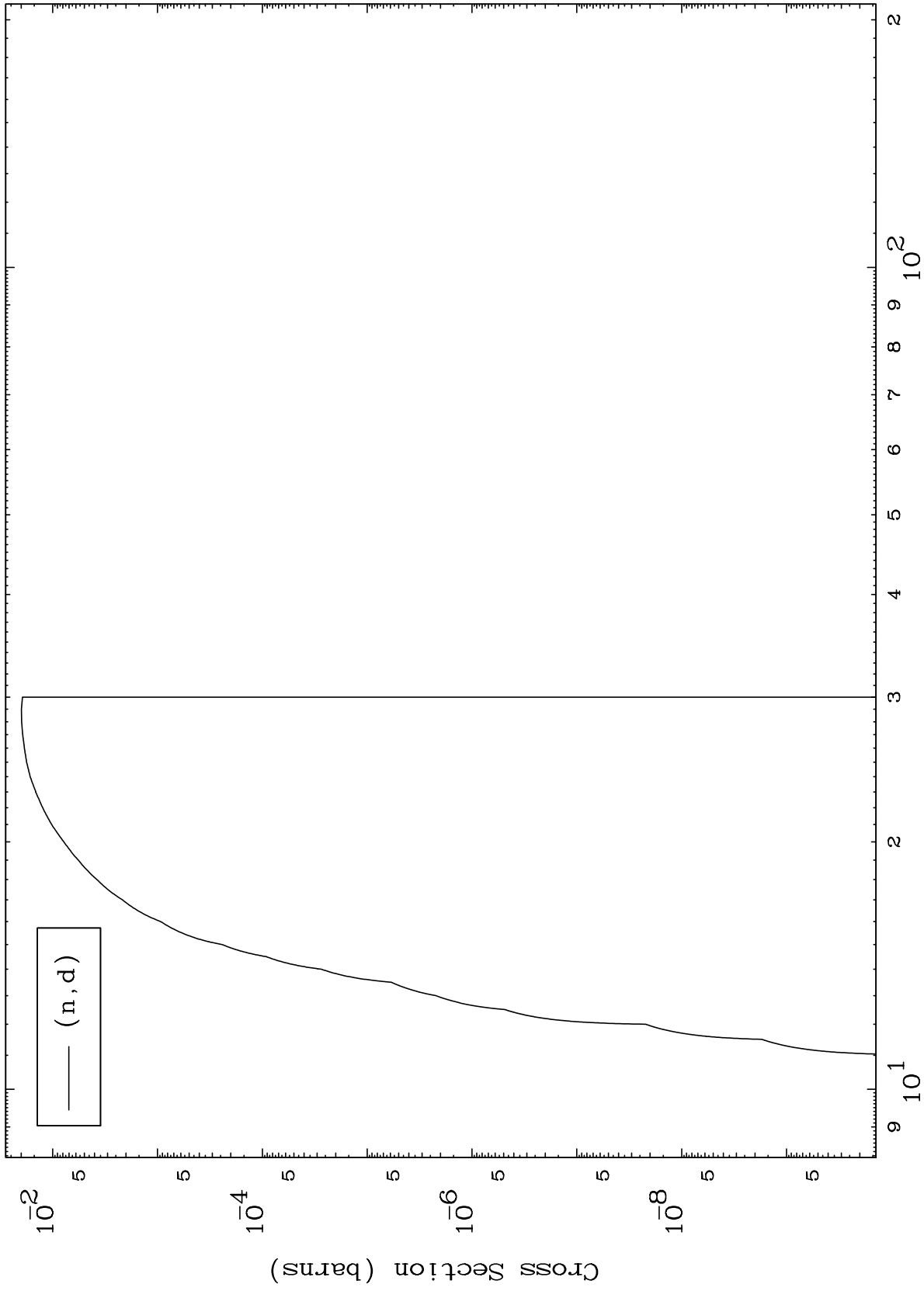
Incident Energy (MeV)

44-Ru-104

MAT 4449

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-104



11

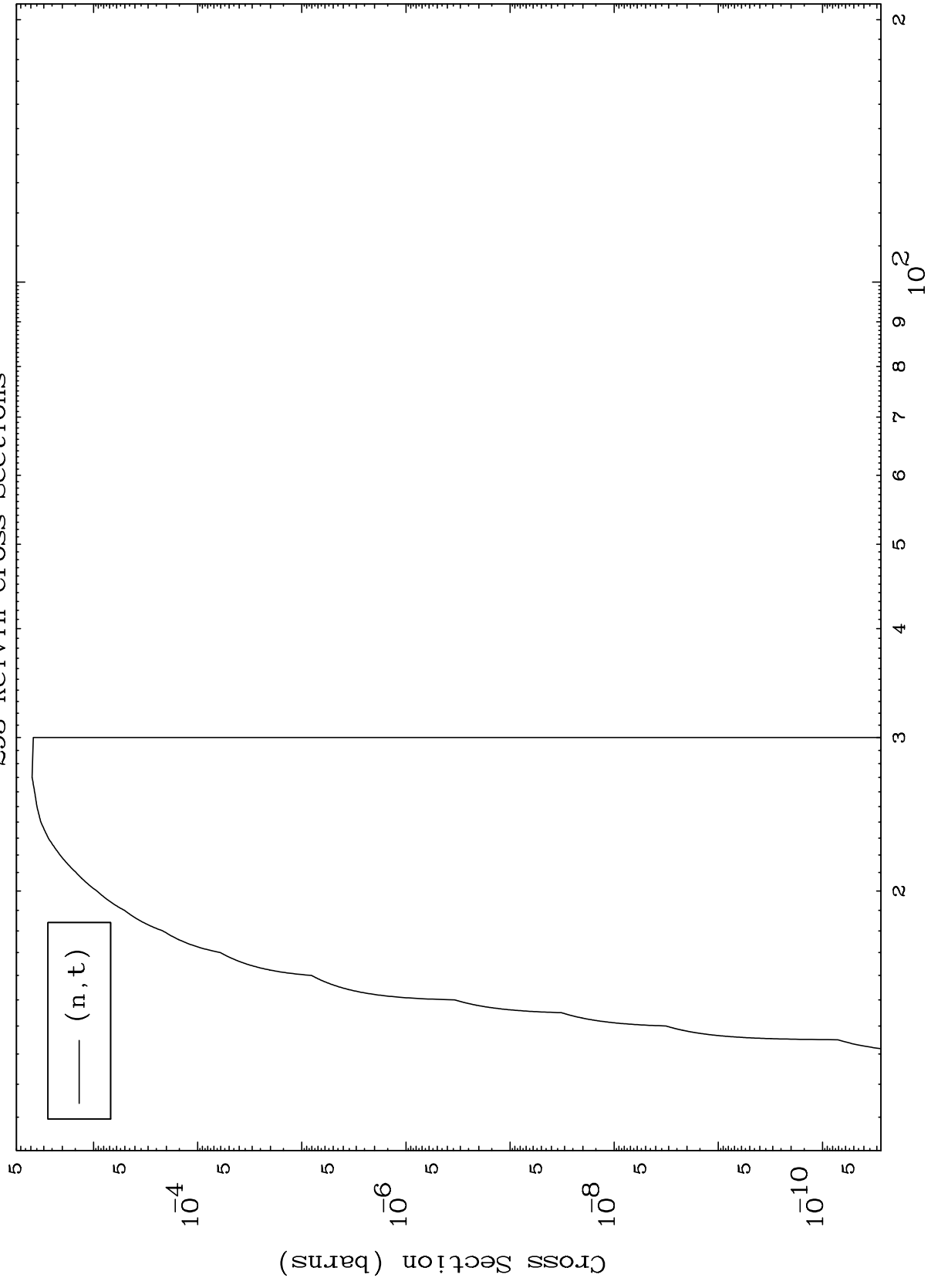
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44-Ru-104

MAT 4449

(n,t) Levels  
293 Kelvin Cross Sections

44-Ru-104



12

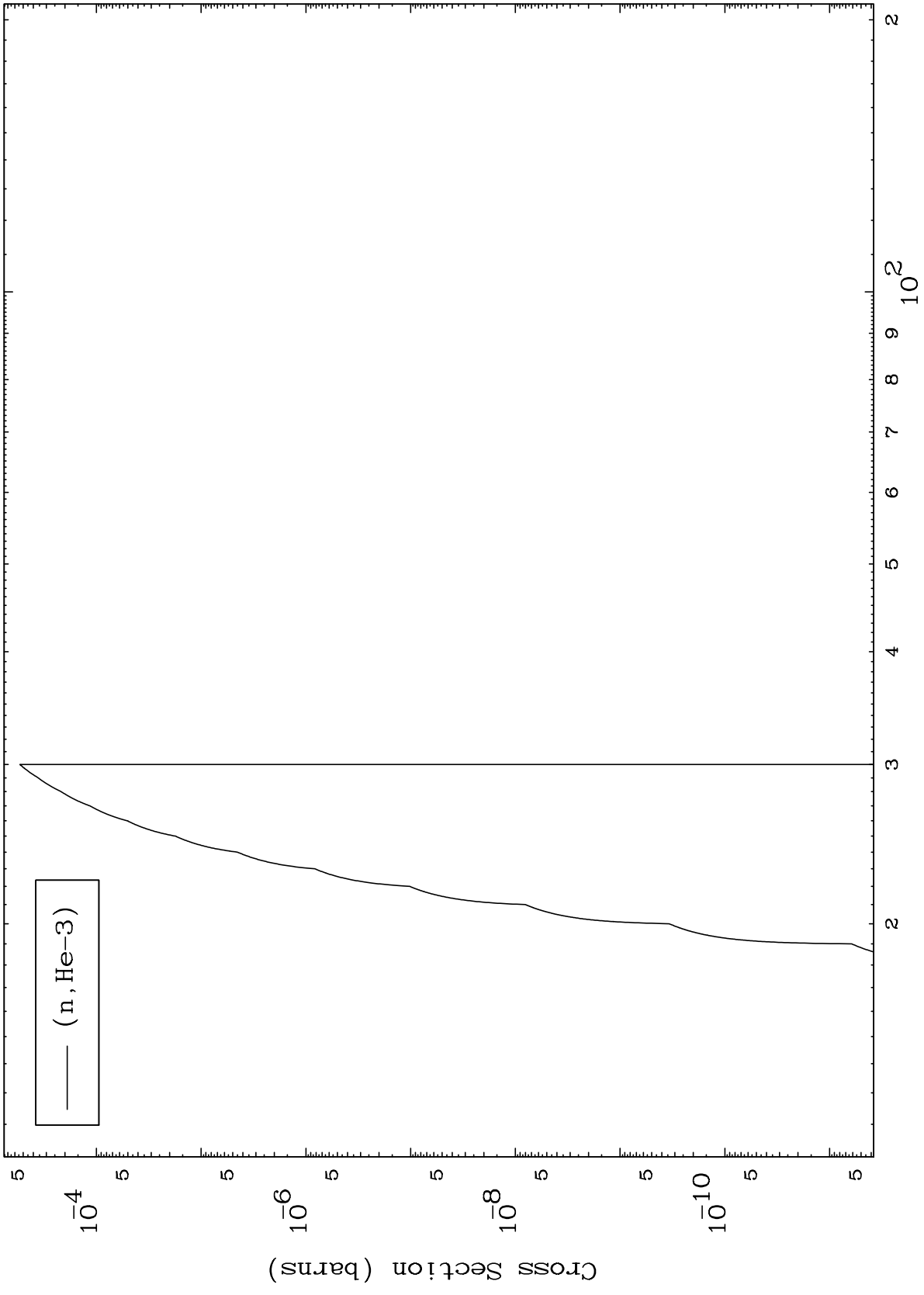
Incident Energy (MeV)

44-Ru-104

MAT 4449

(n,He3) Levels  
293 Kelvin Cross Sections

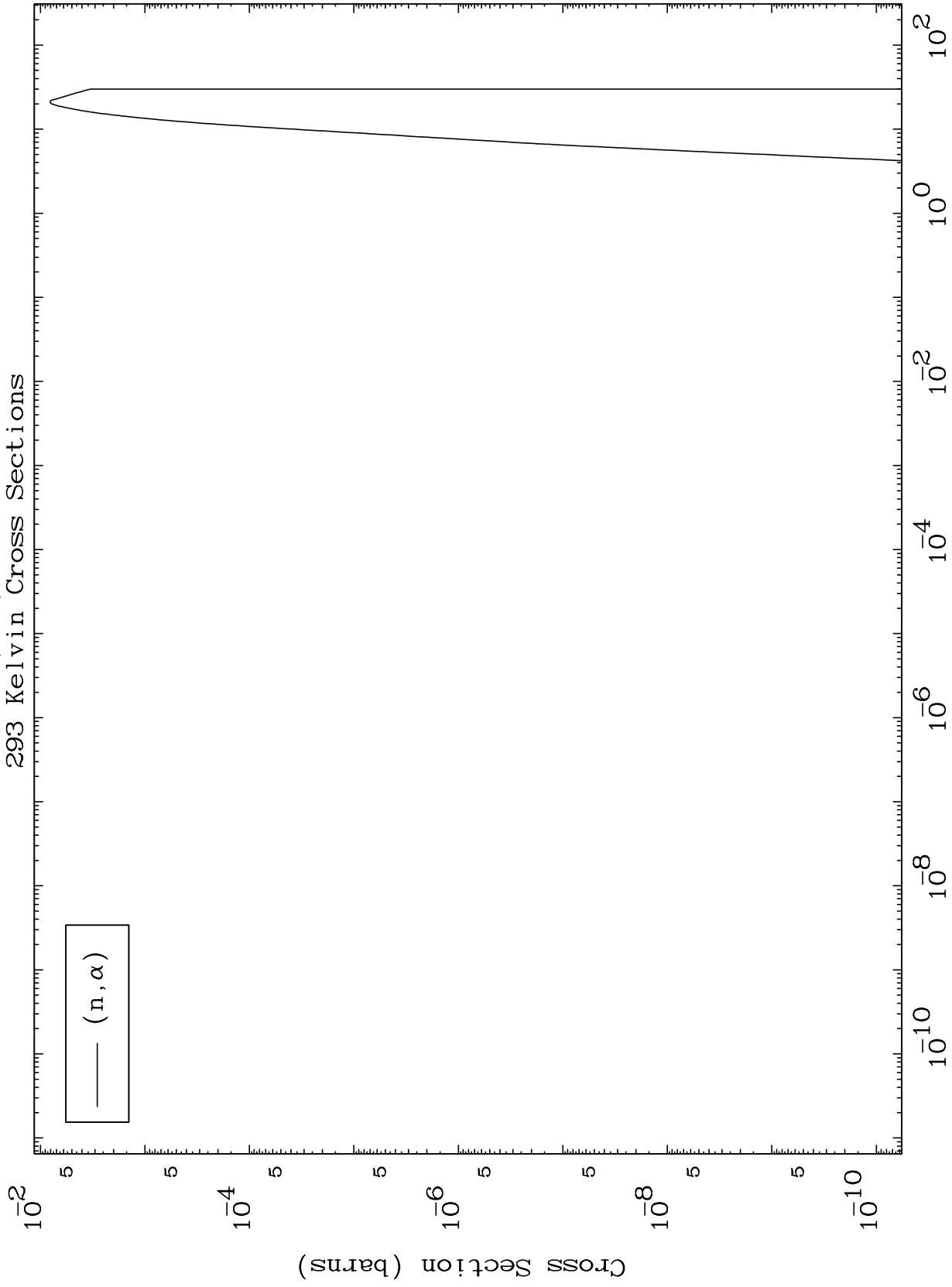
44-Ru-104



MAT 4449

(n,α) Levels  
293 Kelvin Cross Sections

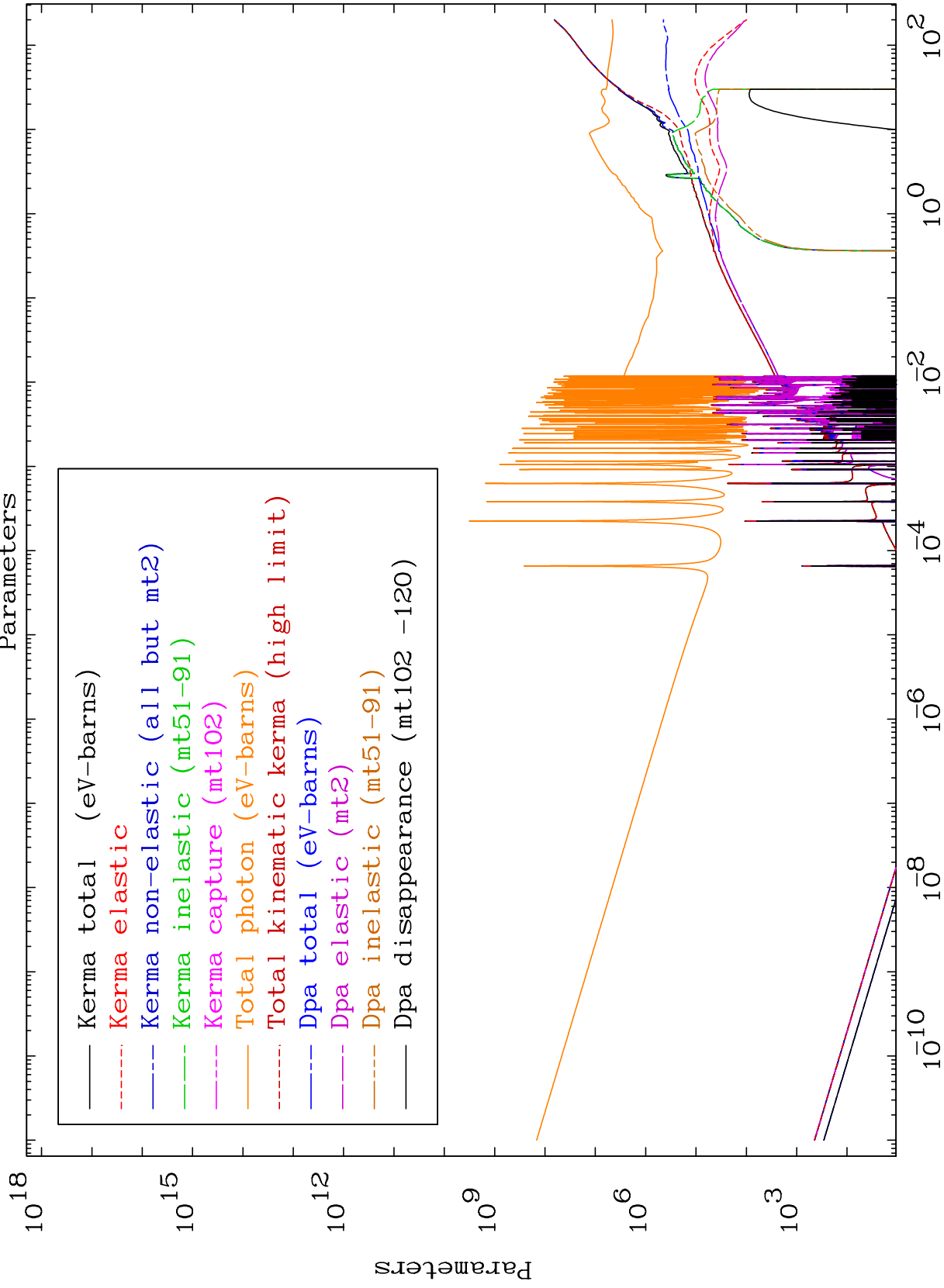
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14

Incident Energy (MeV)

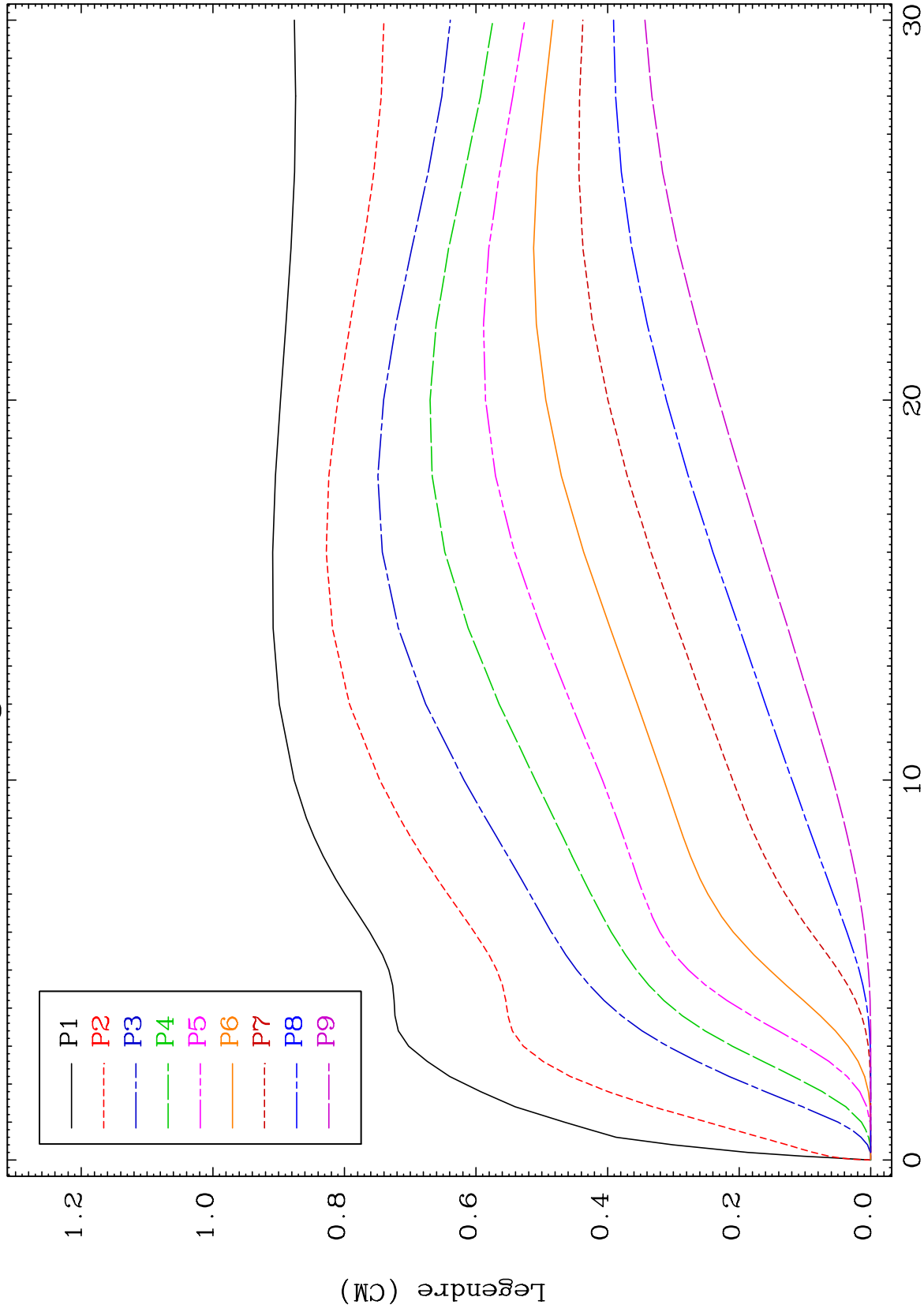
44-Ru-104



MAT 4449

Elastic Legendre Coefficients

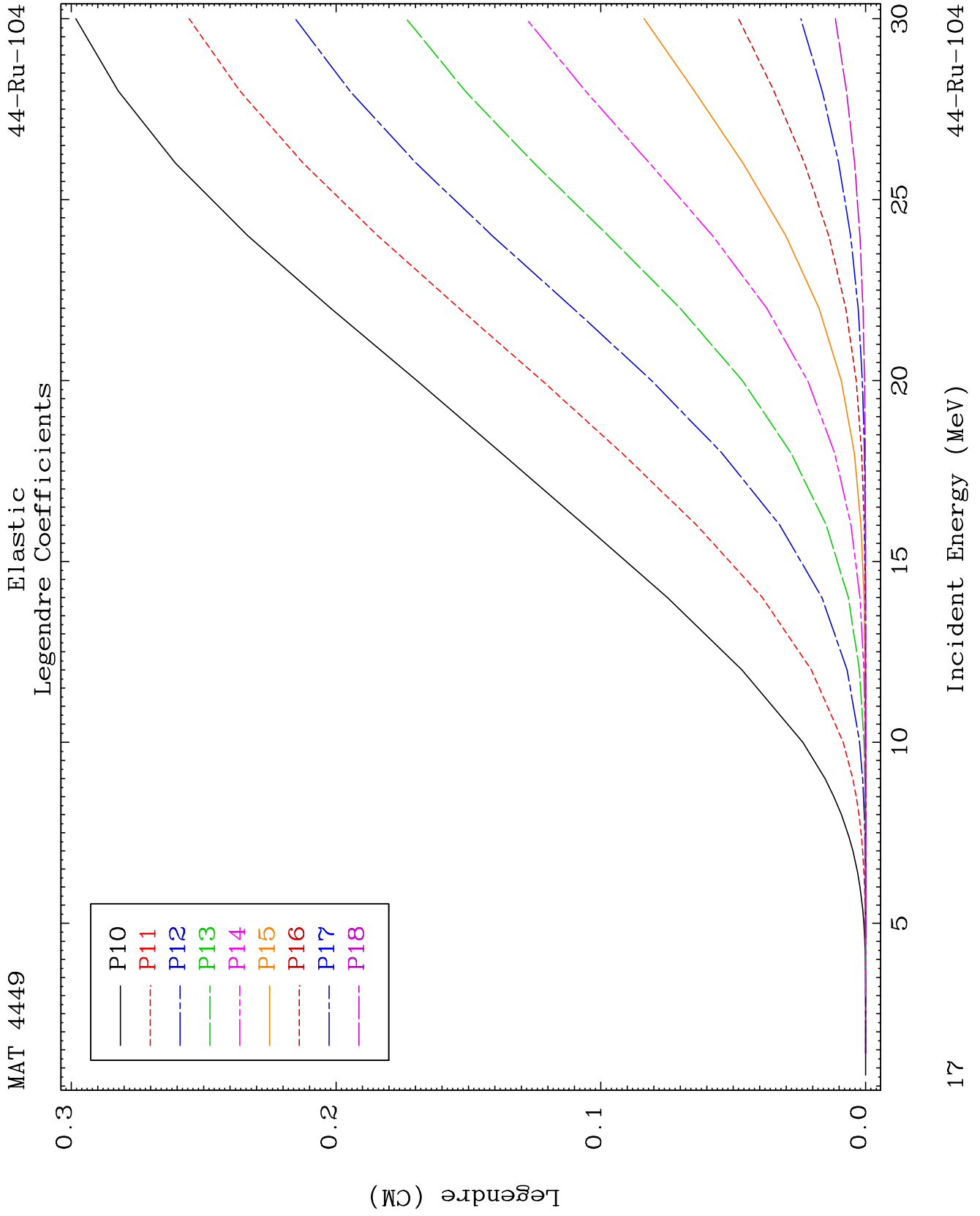
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16

Incident Energy (MeV)

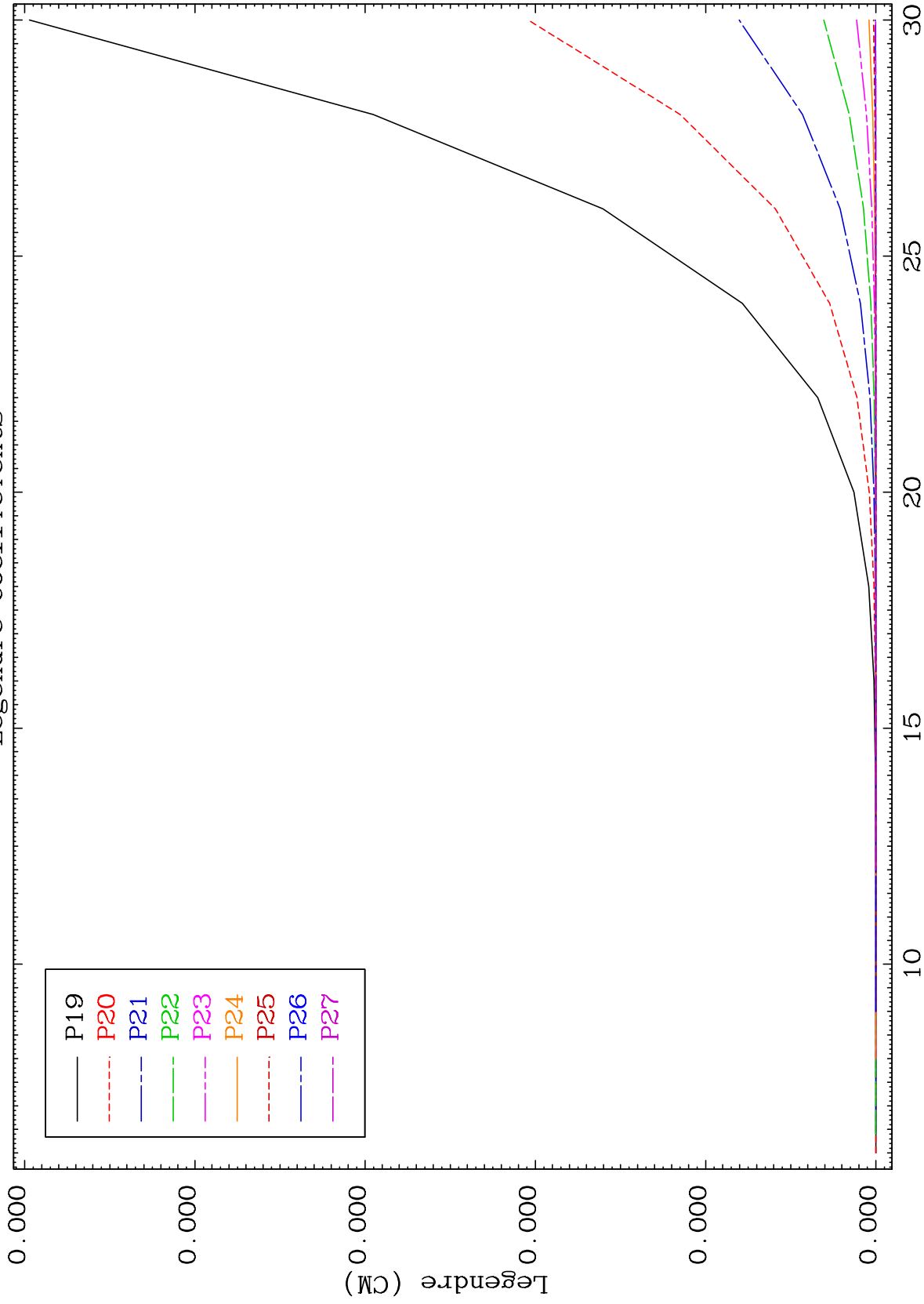
44-Ru-104



MAT 4449

Elastic Legendre Coefficients

44-Ru-104



18

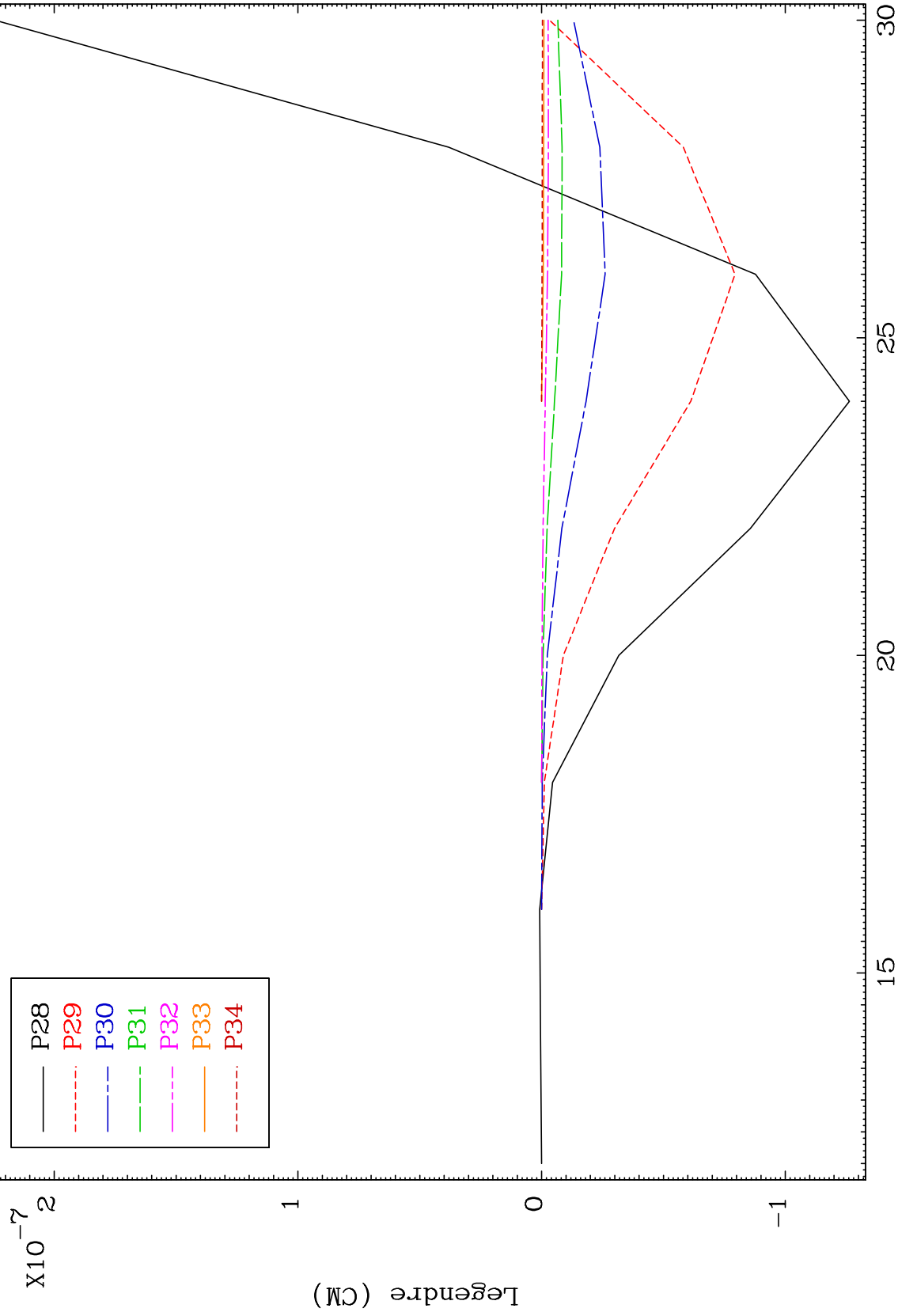
Incident Energy (MeV)

44-Ru-104

MAT 4449

Elastic Legendre Coefficients

44-Ru-104

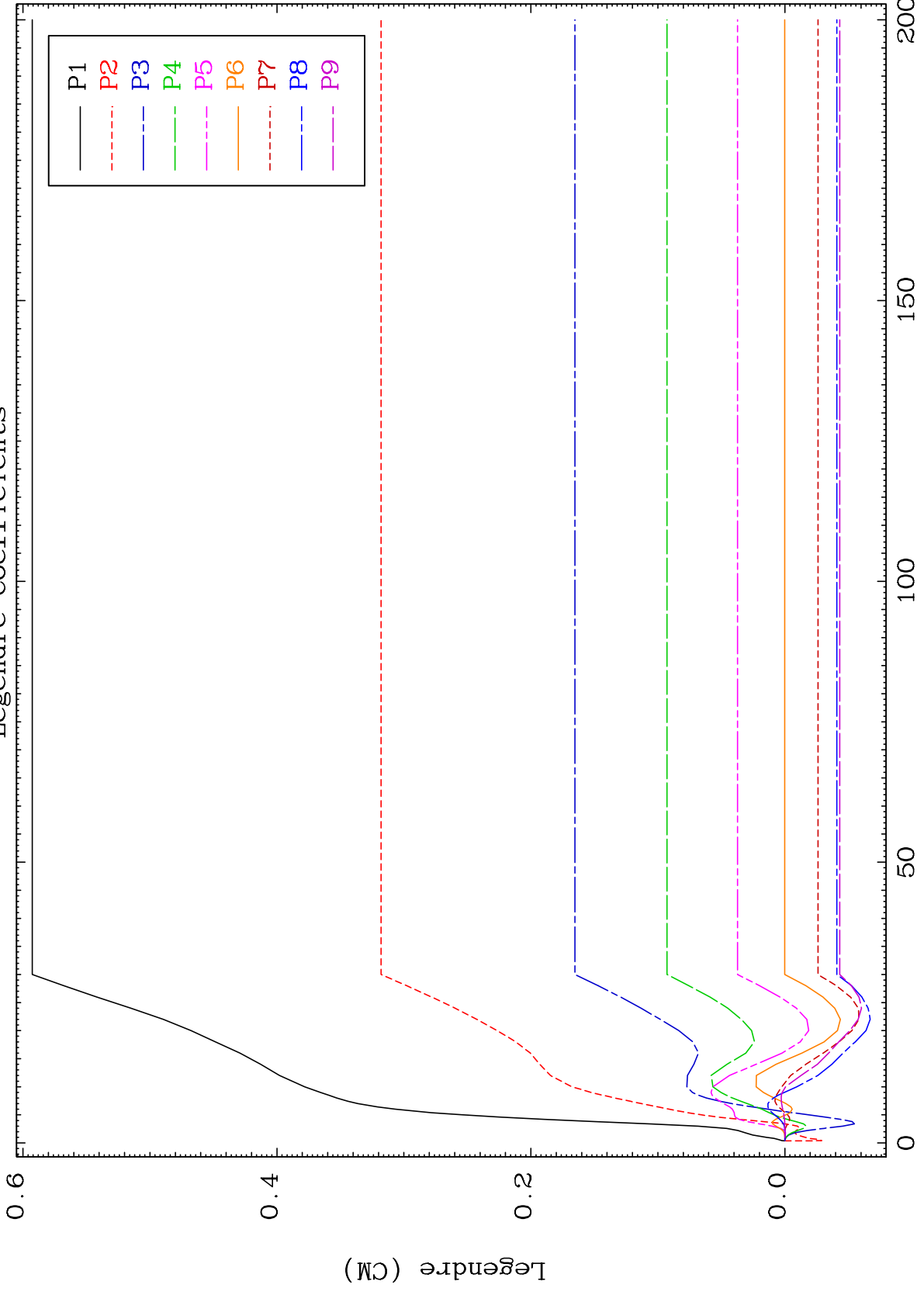


19

Incident Energy (MeV)

44-Ru-104

MAT 4449 MT= 51 (n,n') Level Legendre Coefficients 44-Ru-104

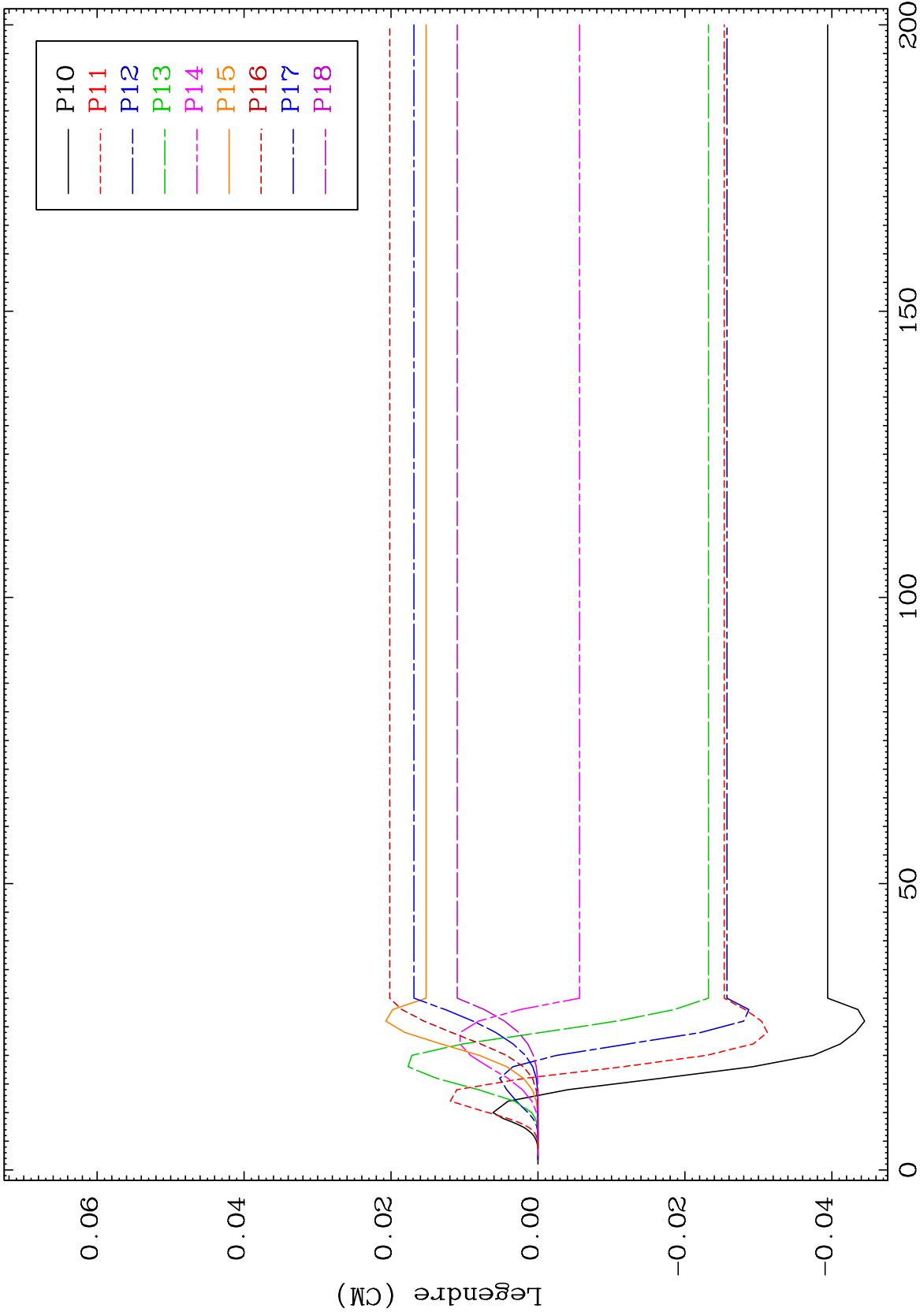


44-Ru-104

MAT 4449

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

44-Ru-104



21

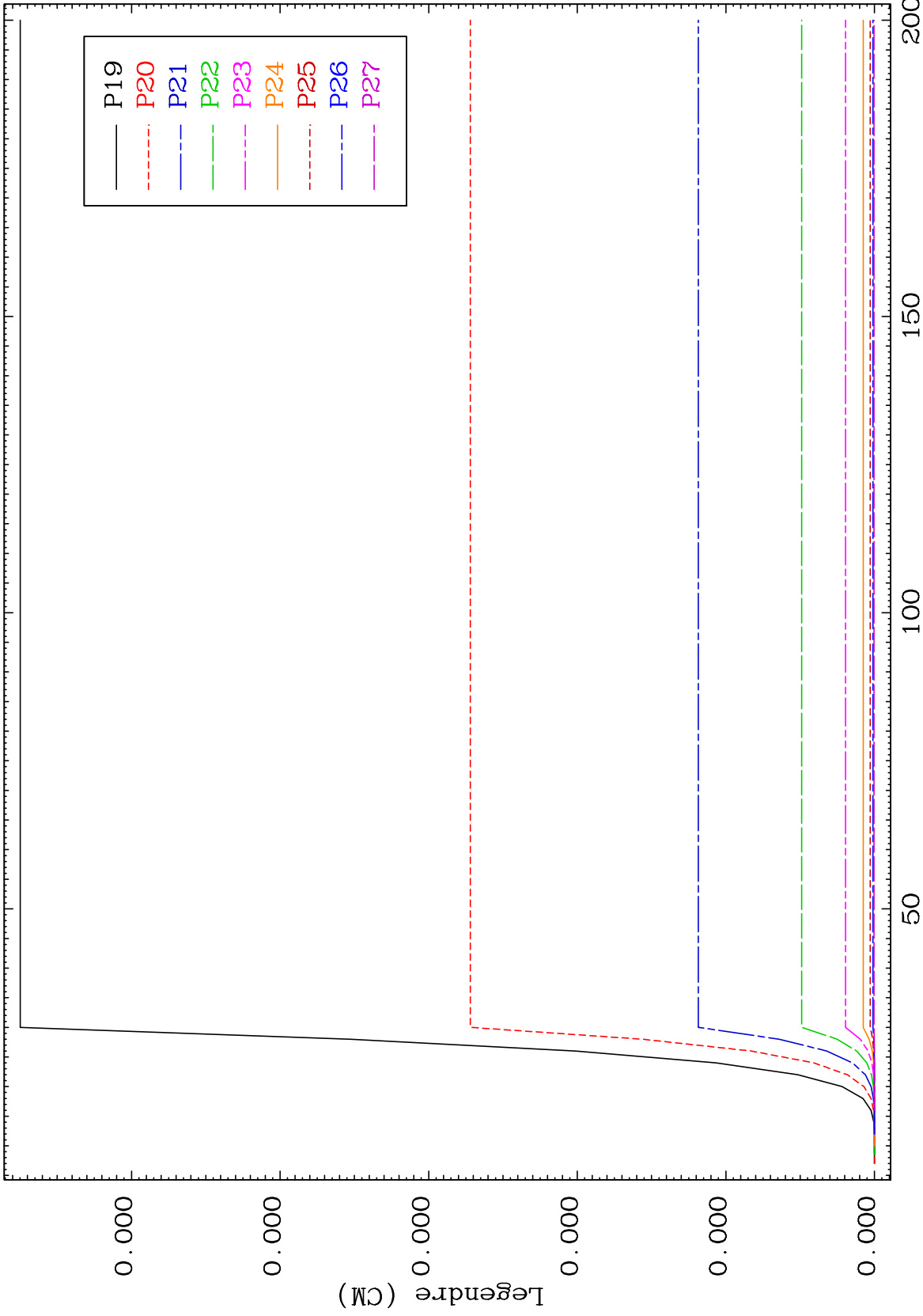
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



22

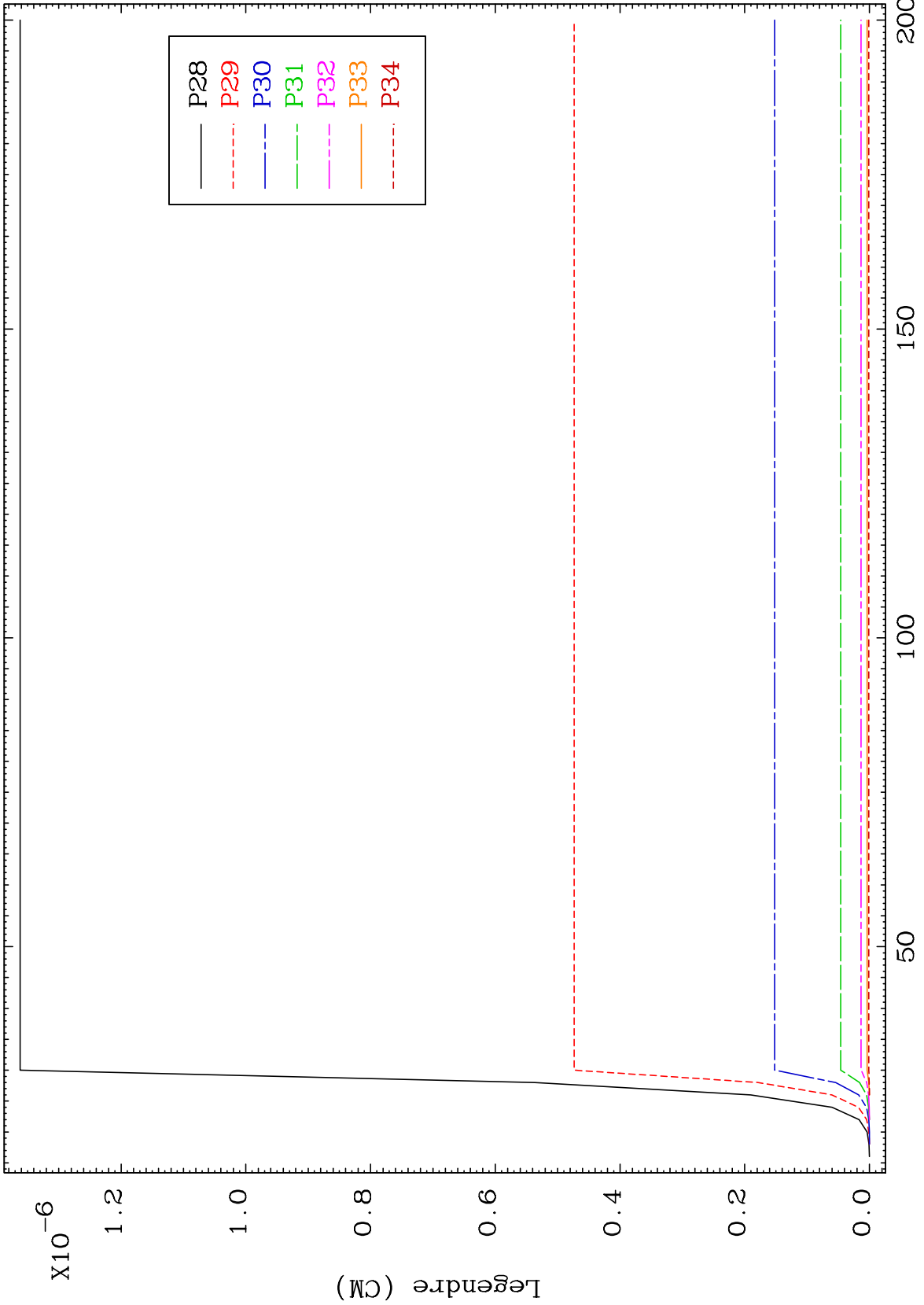
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



23

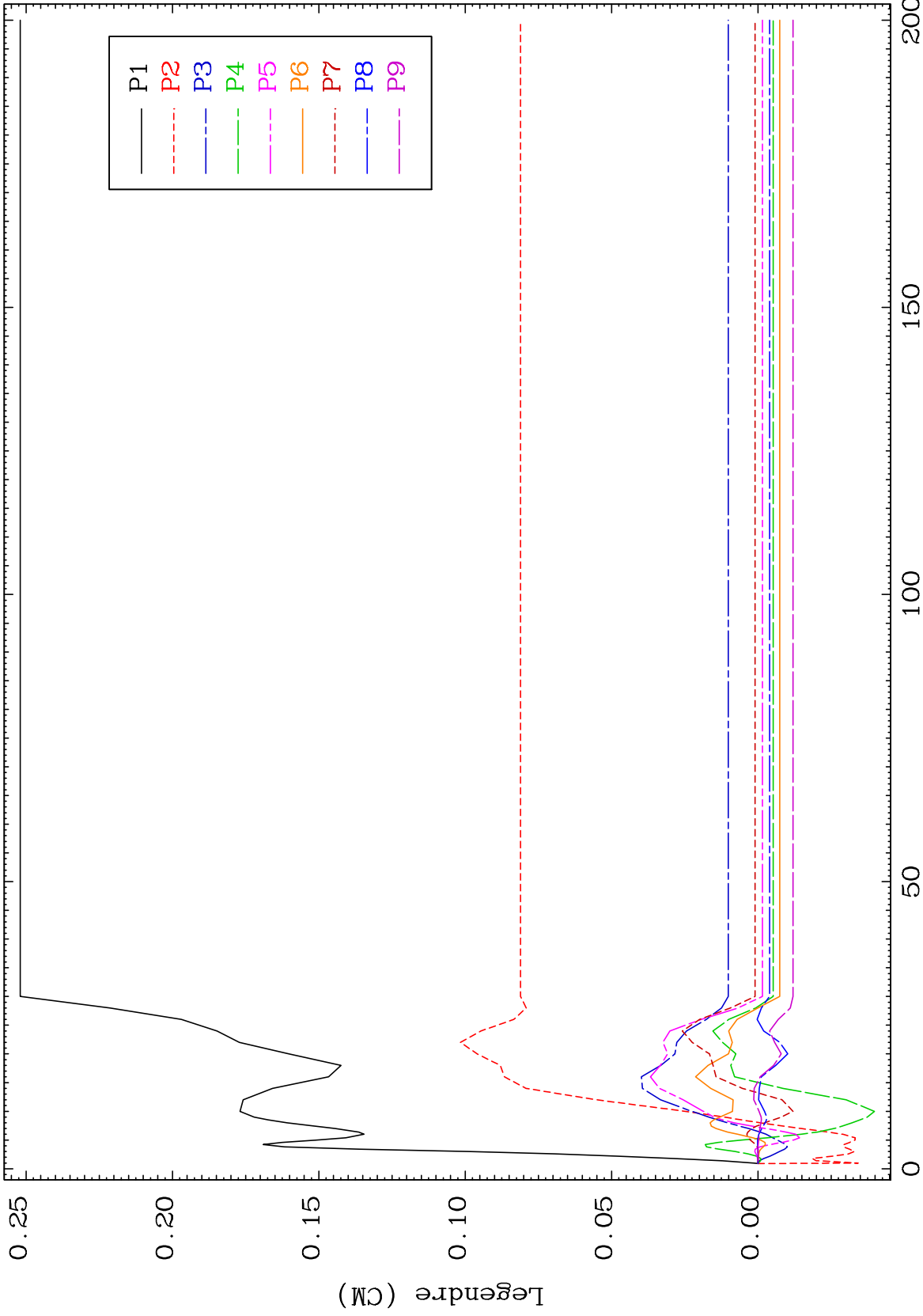
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



24

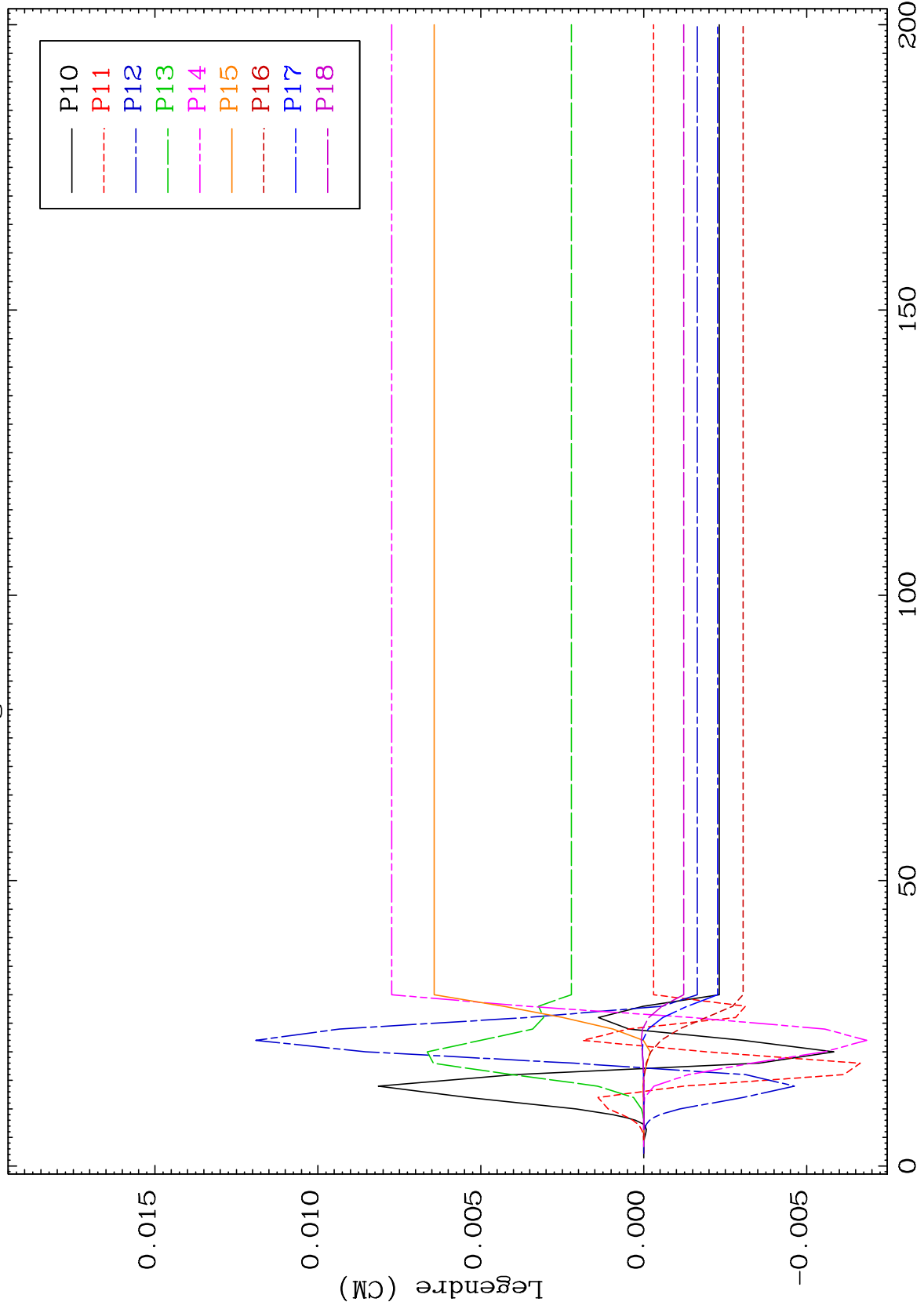
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



25

Incident Energy (MeV)

50

100

150

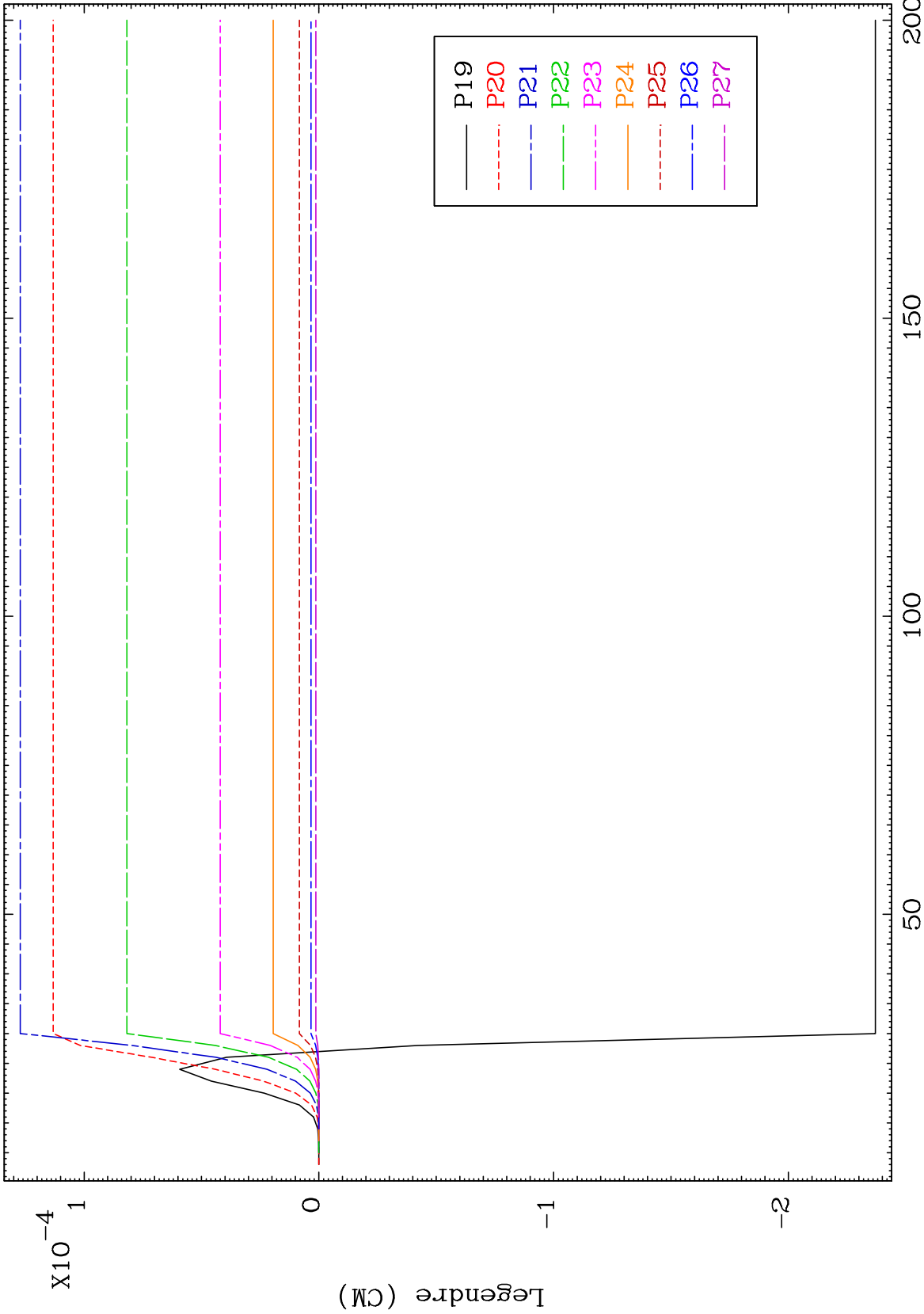
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44-Ru-104

MAT 4449

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

44-Ru-104



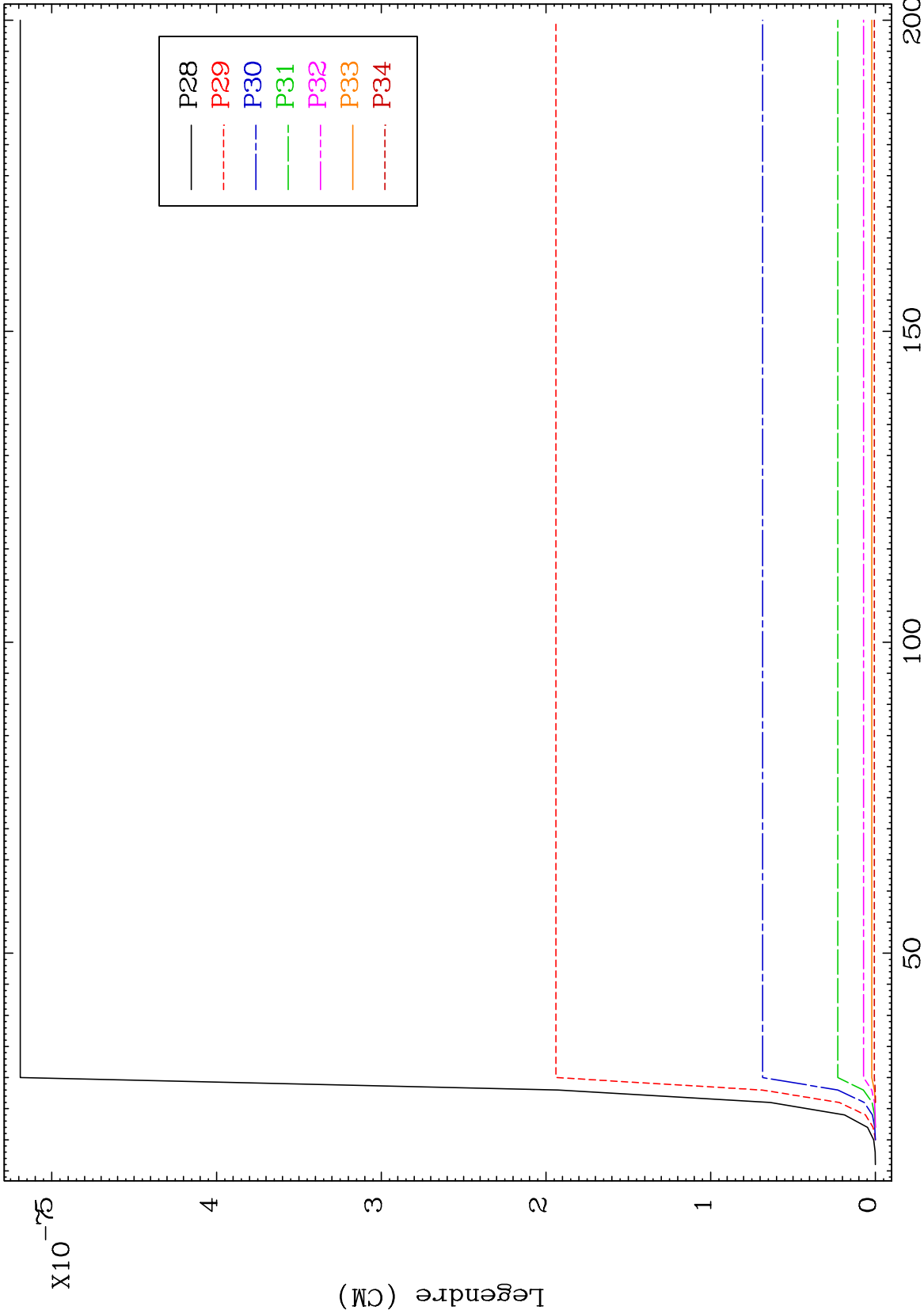
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44-Ru-104

MAT 4449

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

44-Ru-104



27

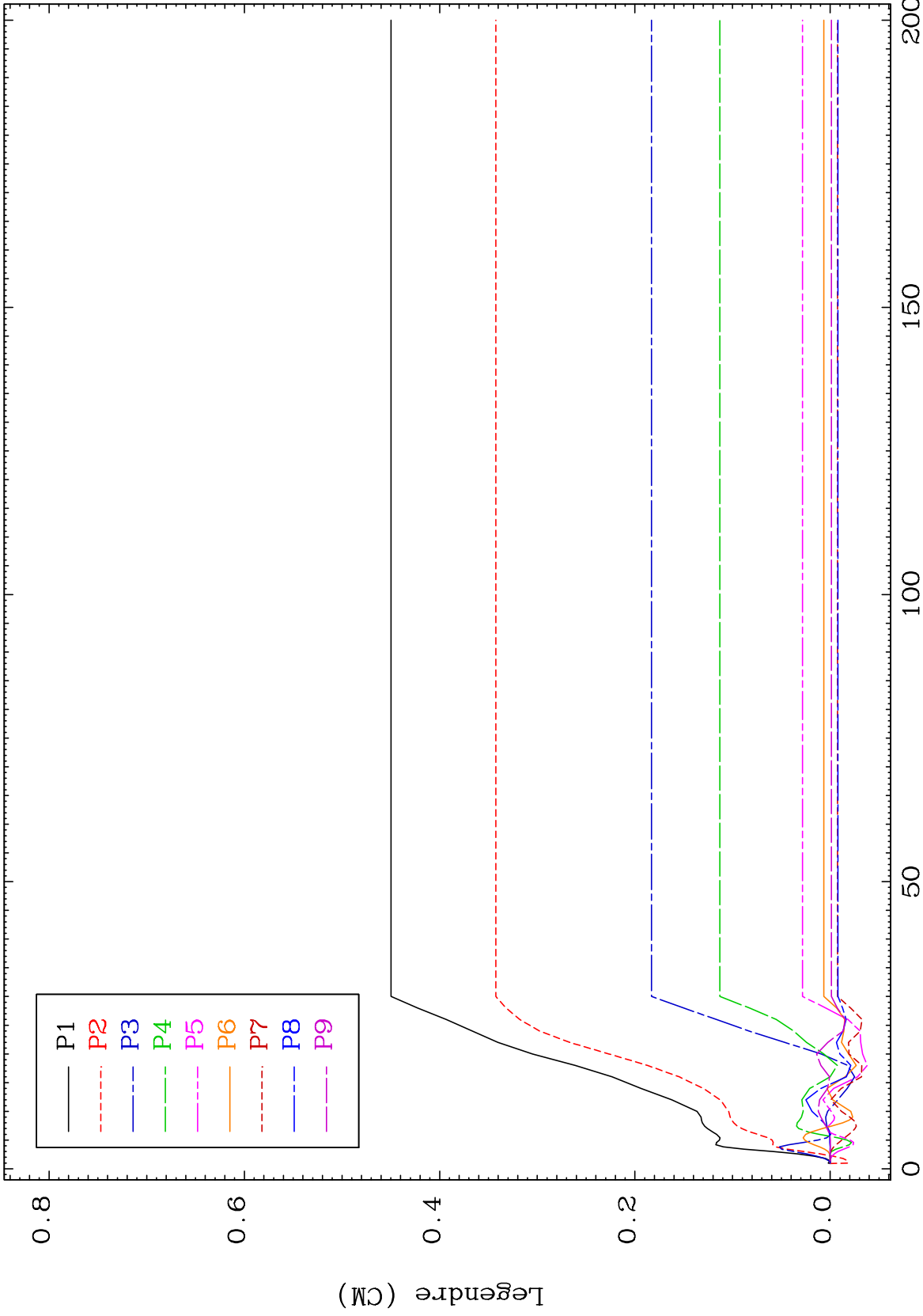
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



28

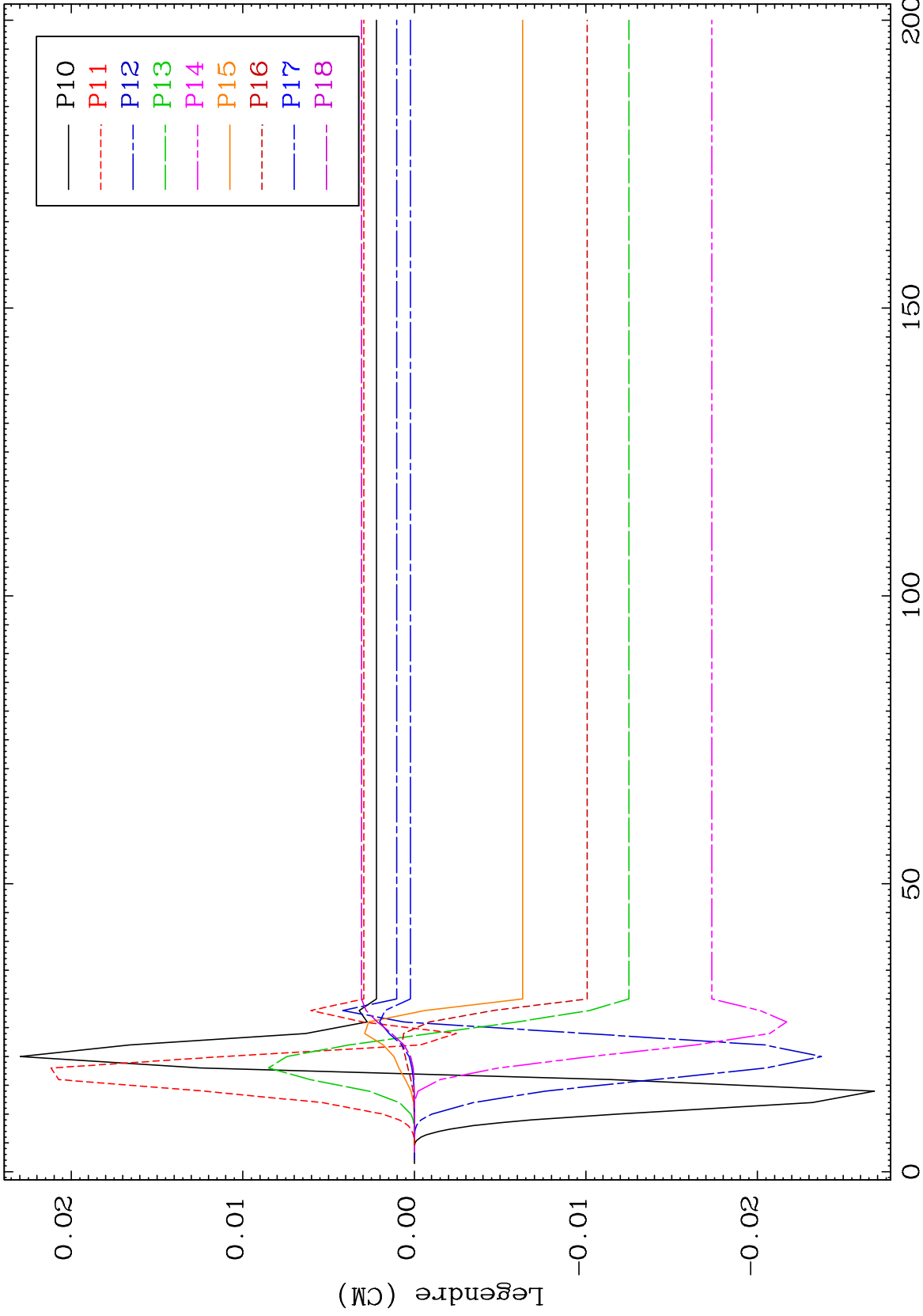
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



29

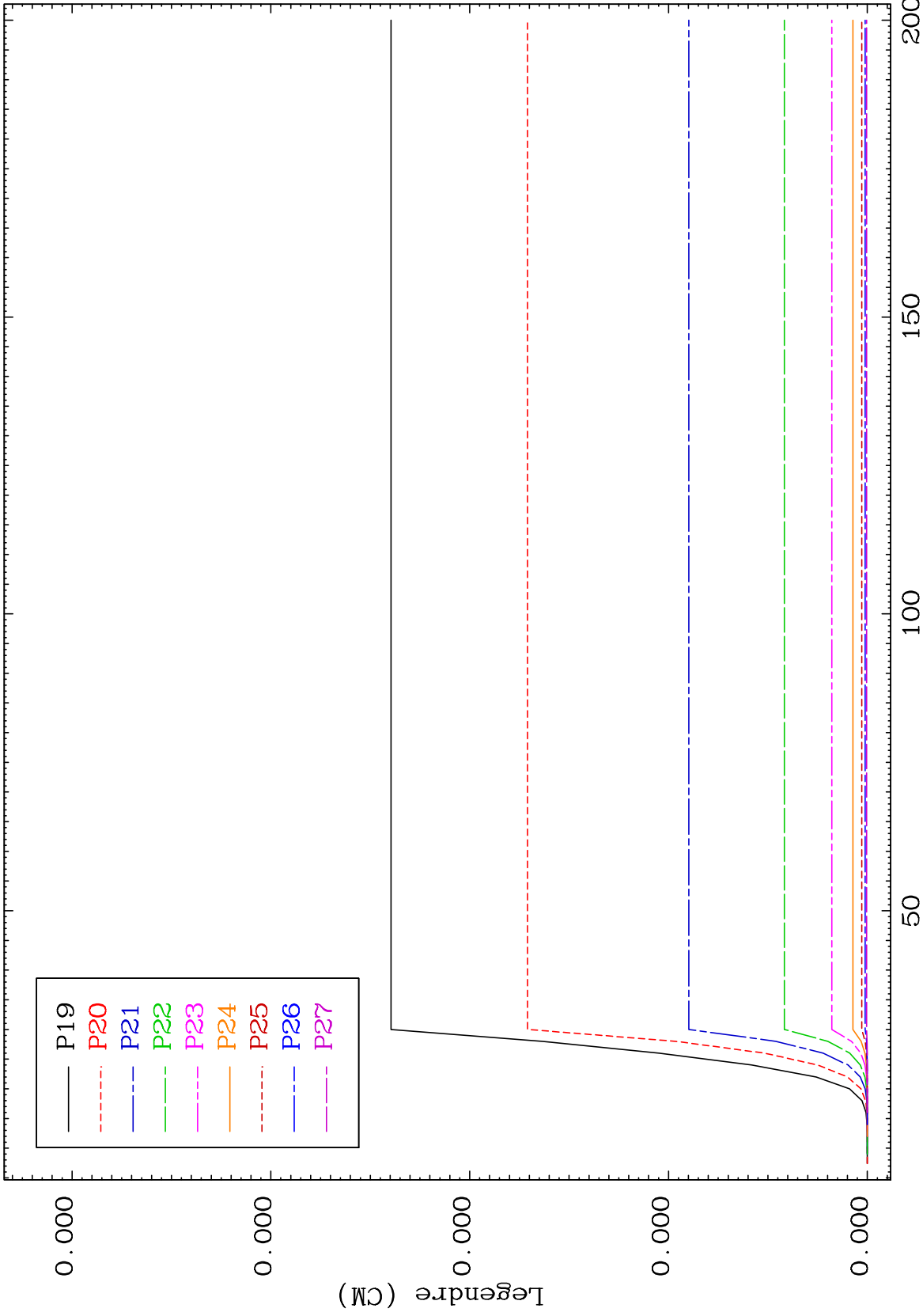
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



30

Incident Energy (MeV)

50

100

150

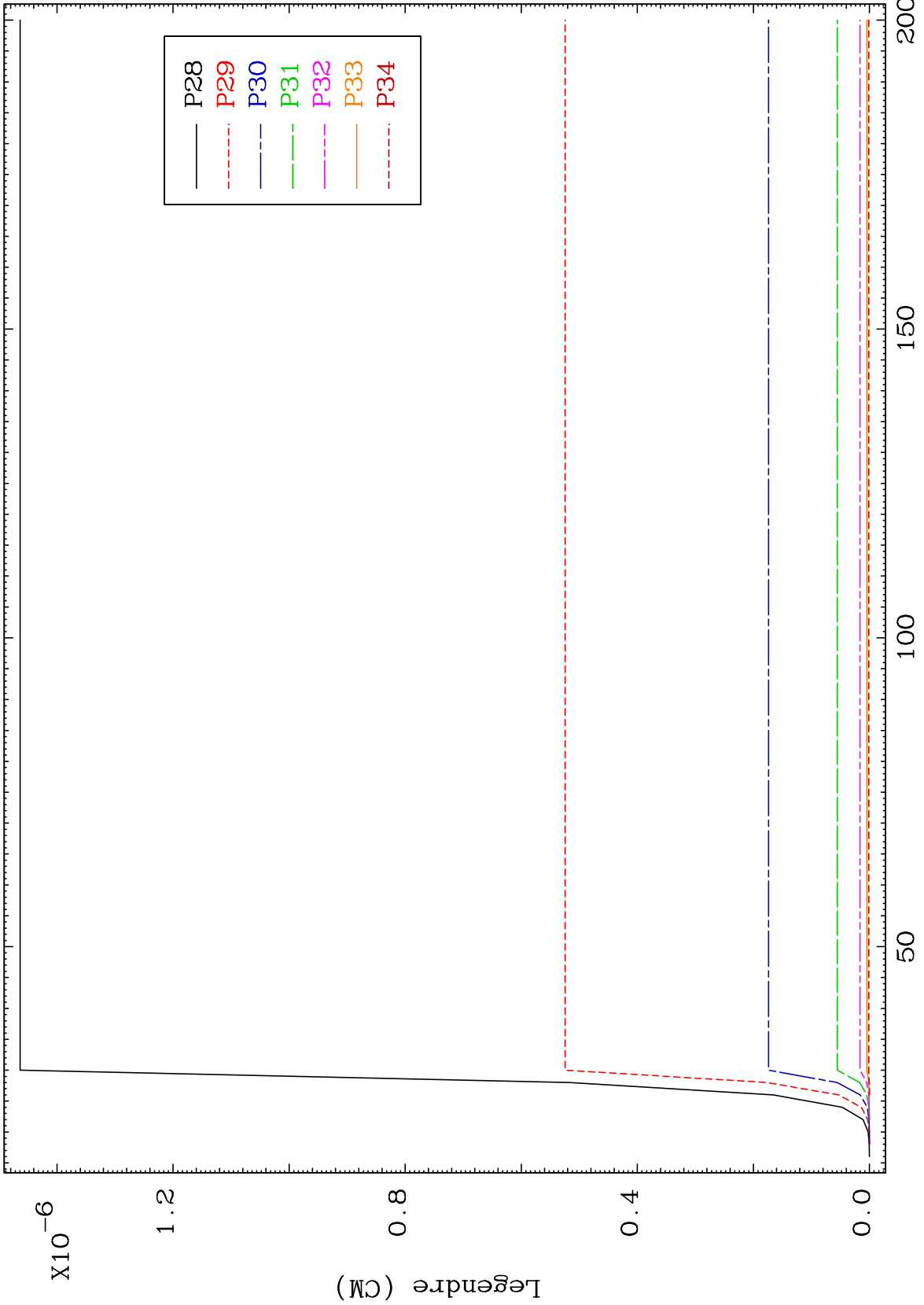
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44-Ru-104

MAT 4449

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

44-Ru-104



31

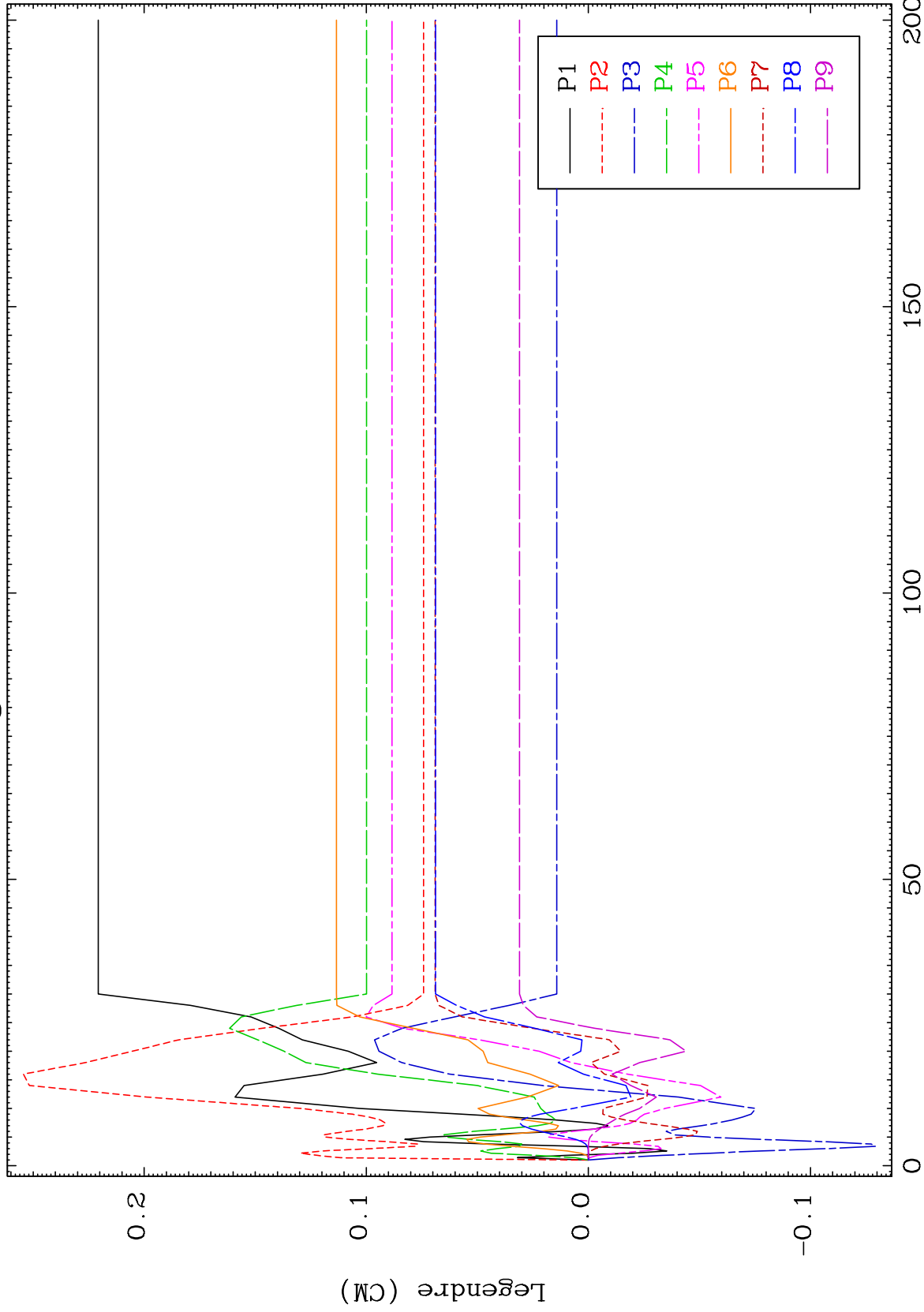
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



32

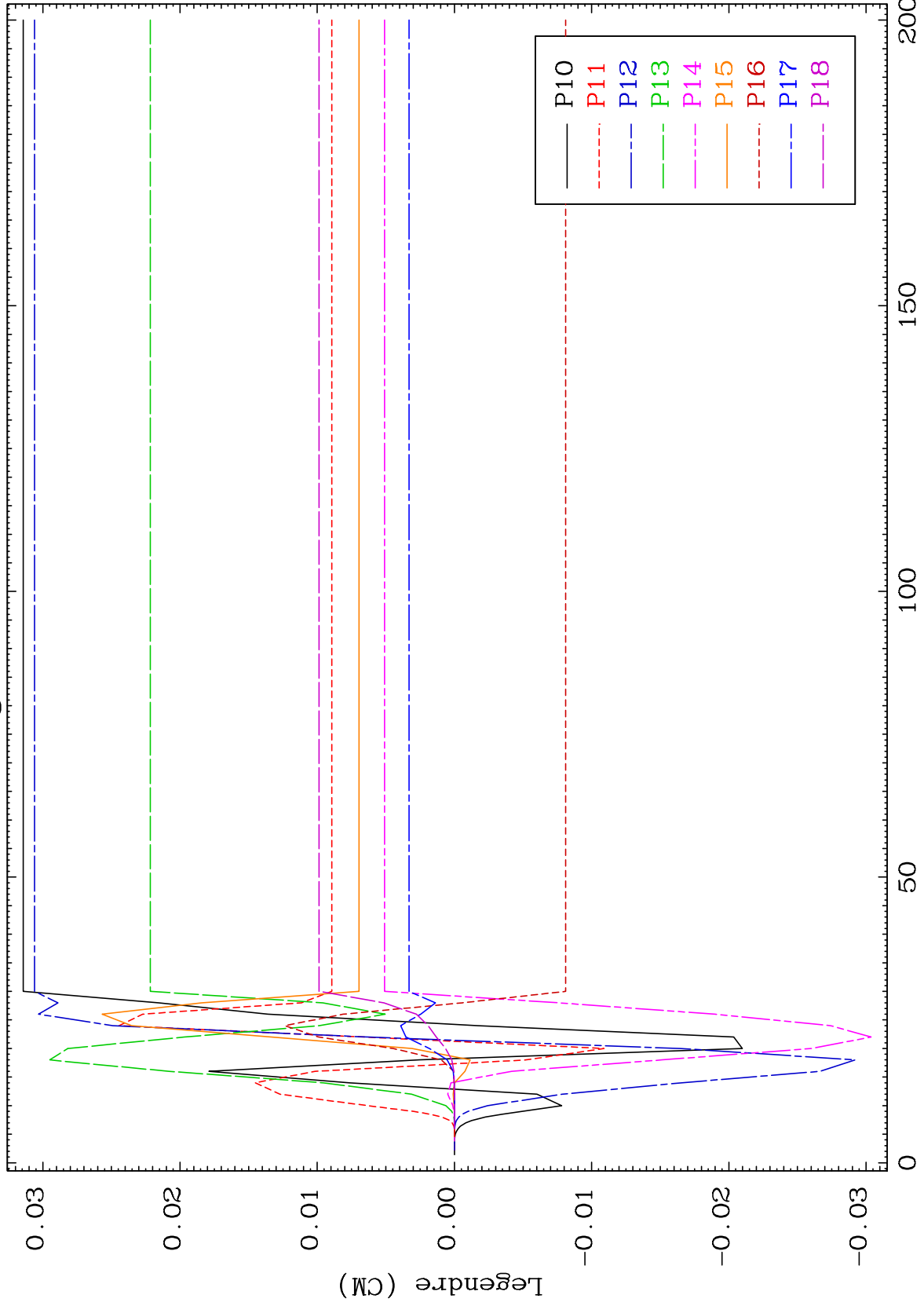
Incident Energy (MeV)

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MAT 4449

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

44-Ru-104



33

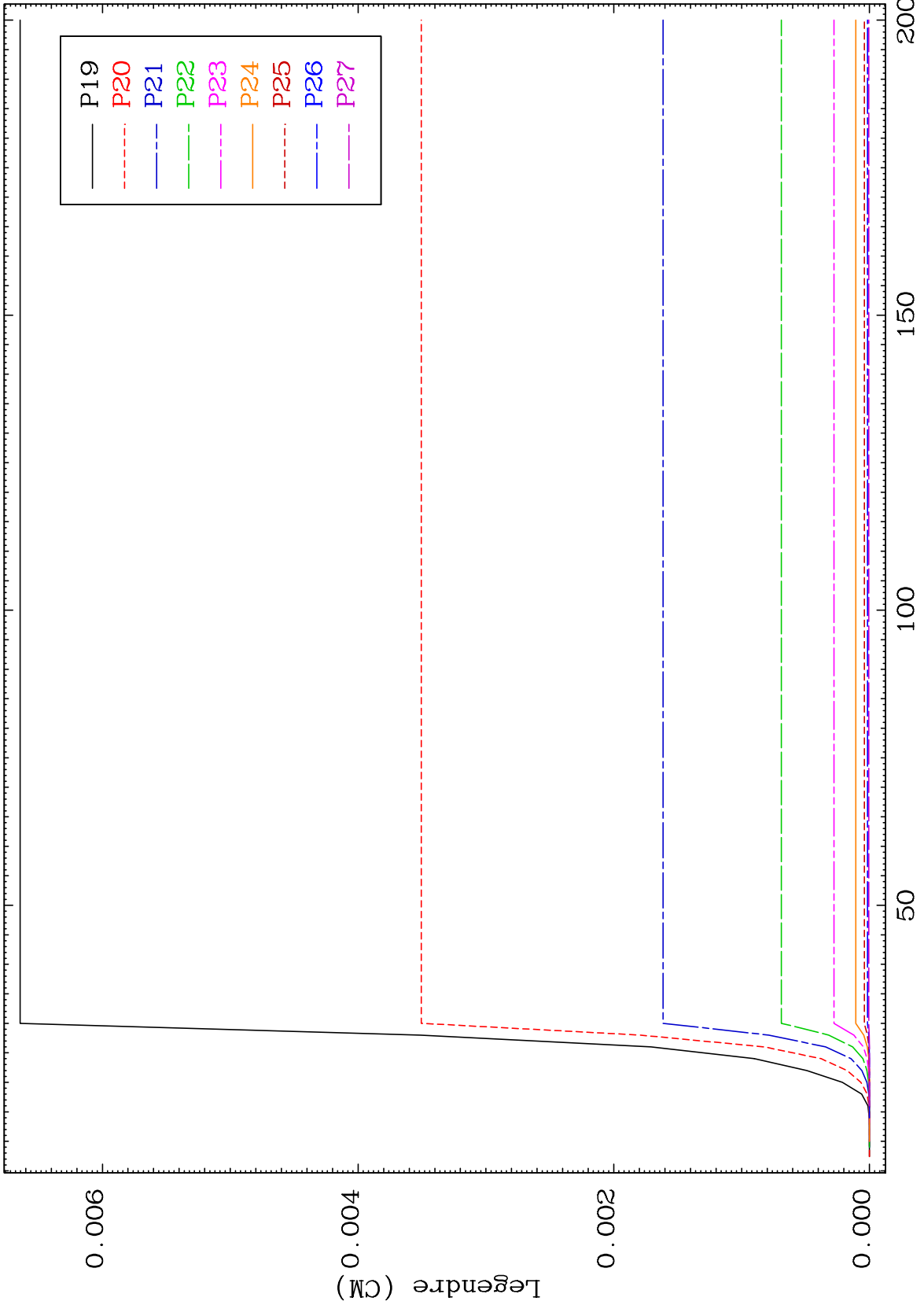
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104

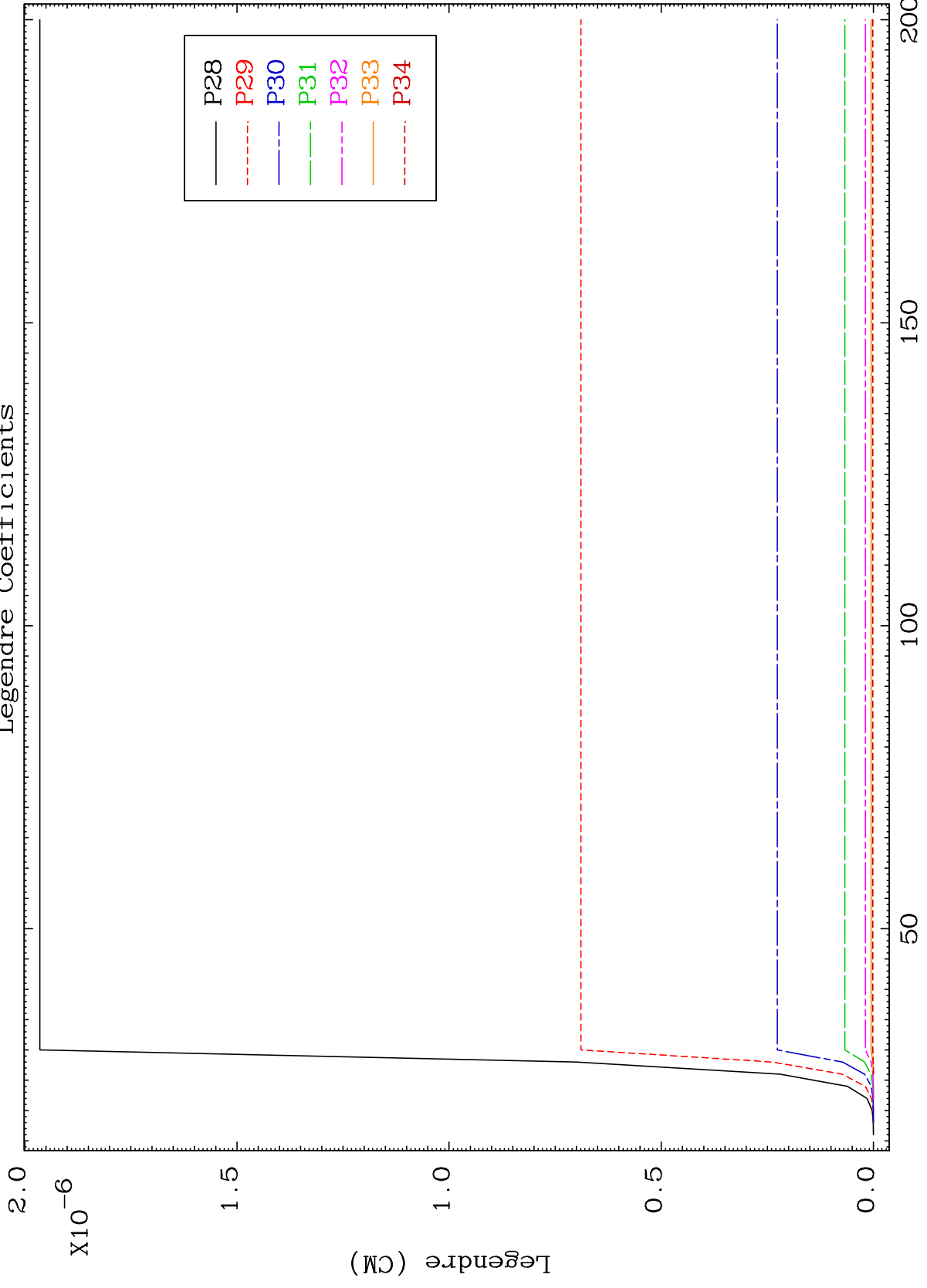


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Incident Energy (MeV)

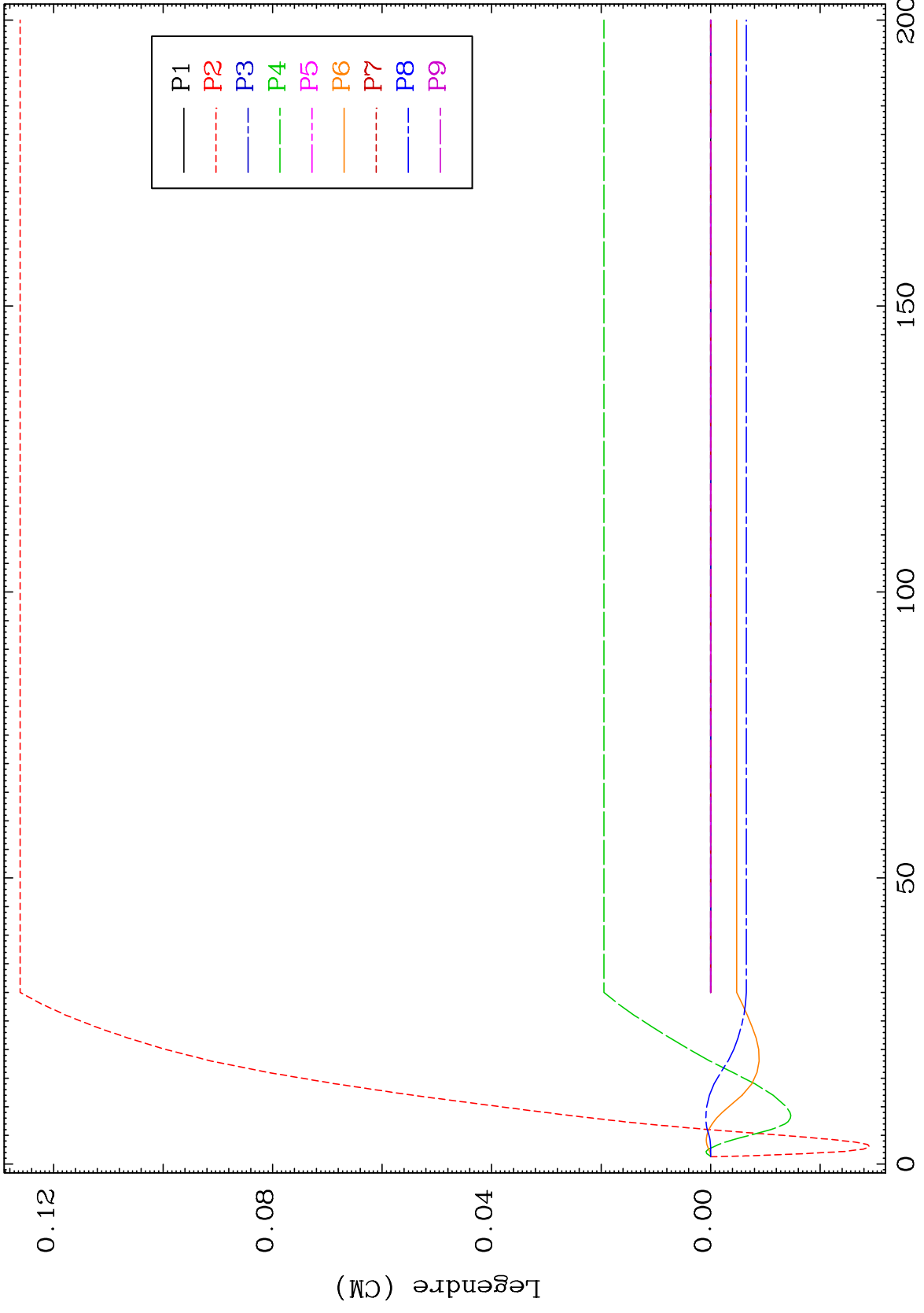
44-Ru-104

MAT 4449 MT= 54 (n,n') Level Legendre Coefficients 44-Ru-104



35 Incident Energy (MeV) 44-Ru-104

MAT 4449 MT= 55 (n,n') Level Legendre Coefficients 44-Ru-104

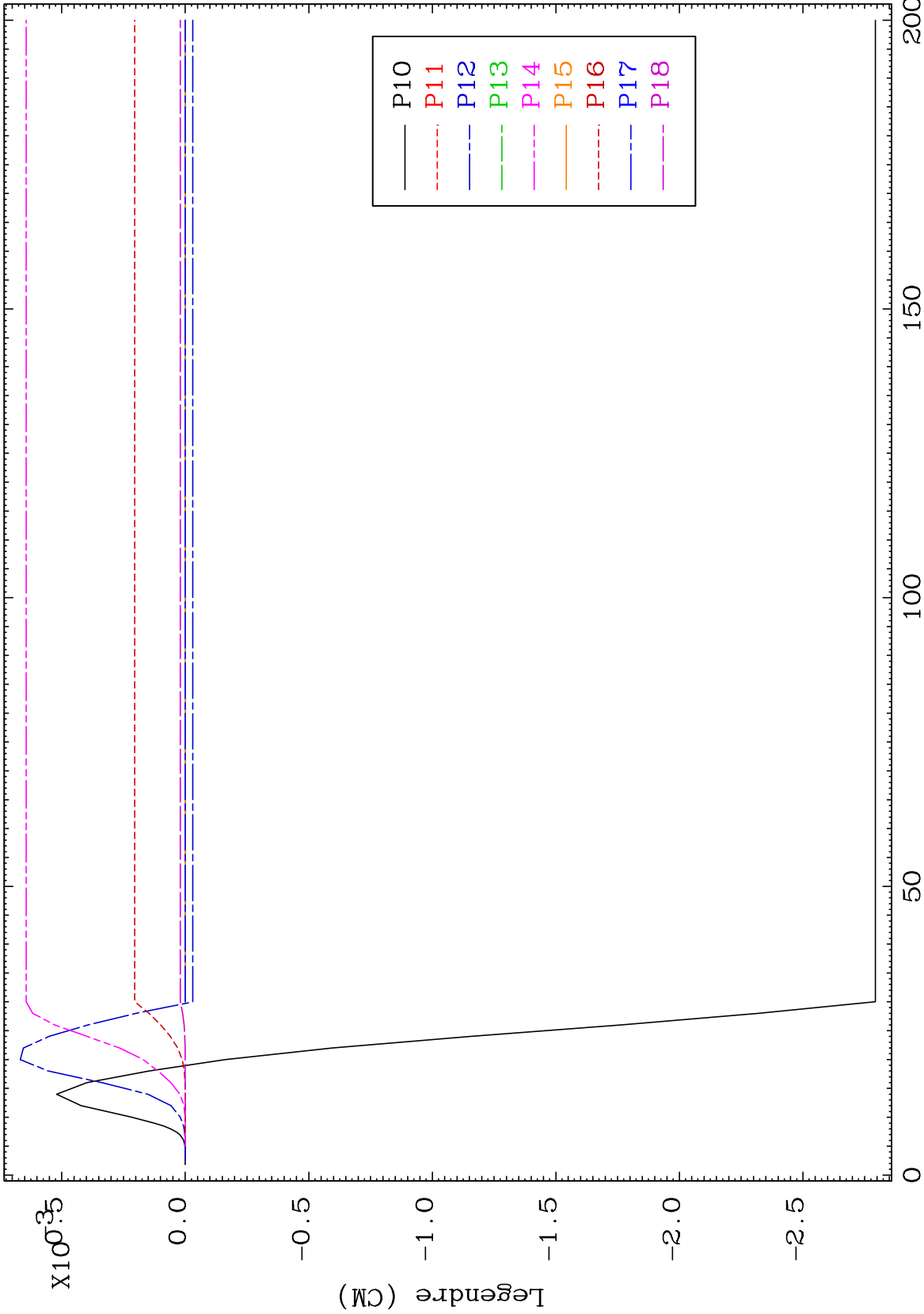


36 44-Ru-104

MAT 4449

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

44-Ru-104



37

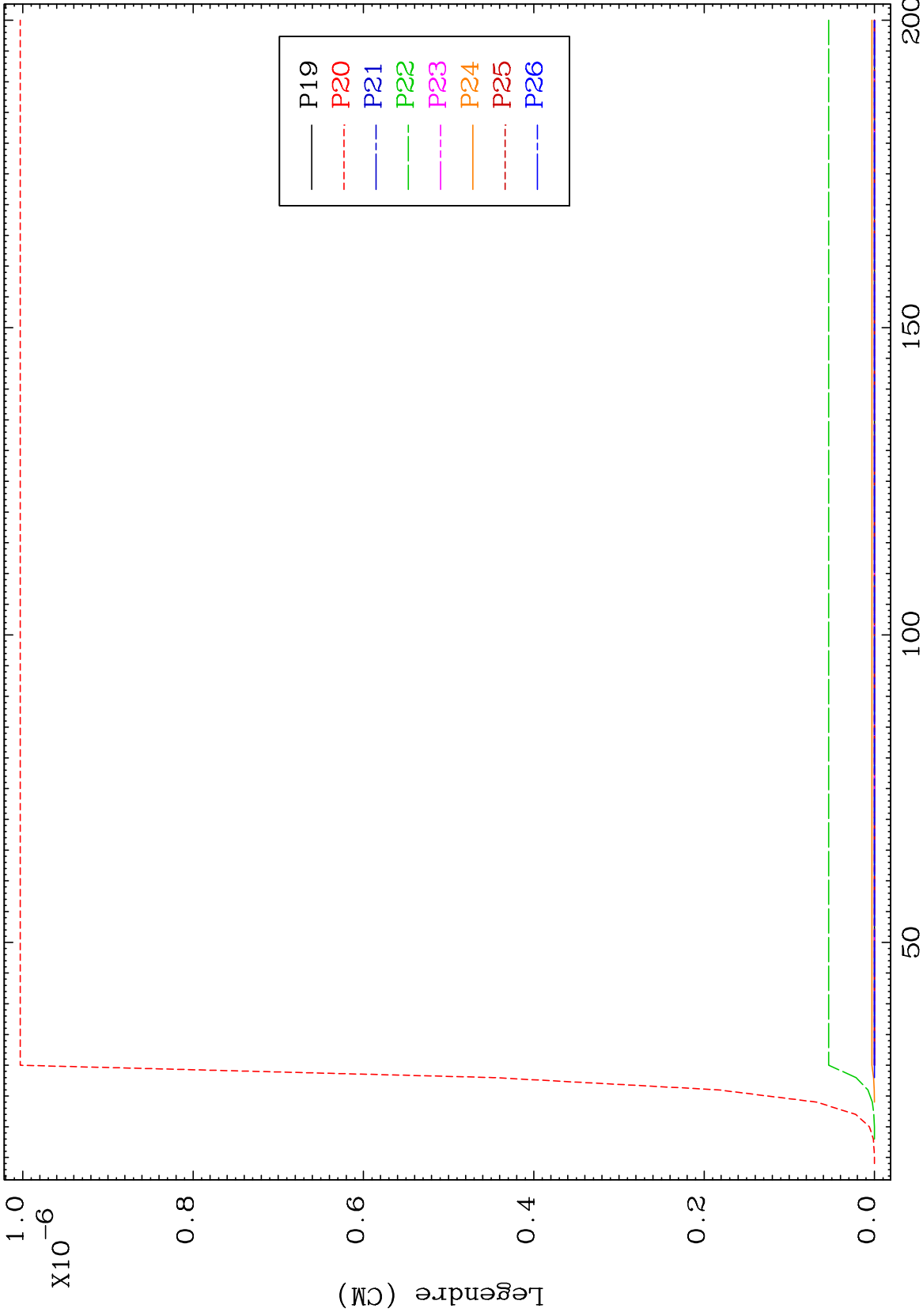
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104

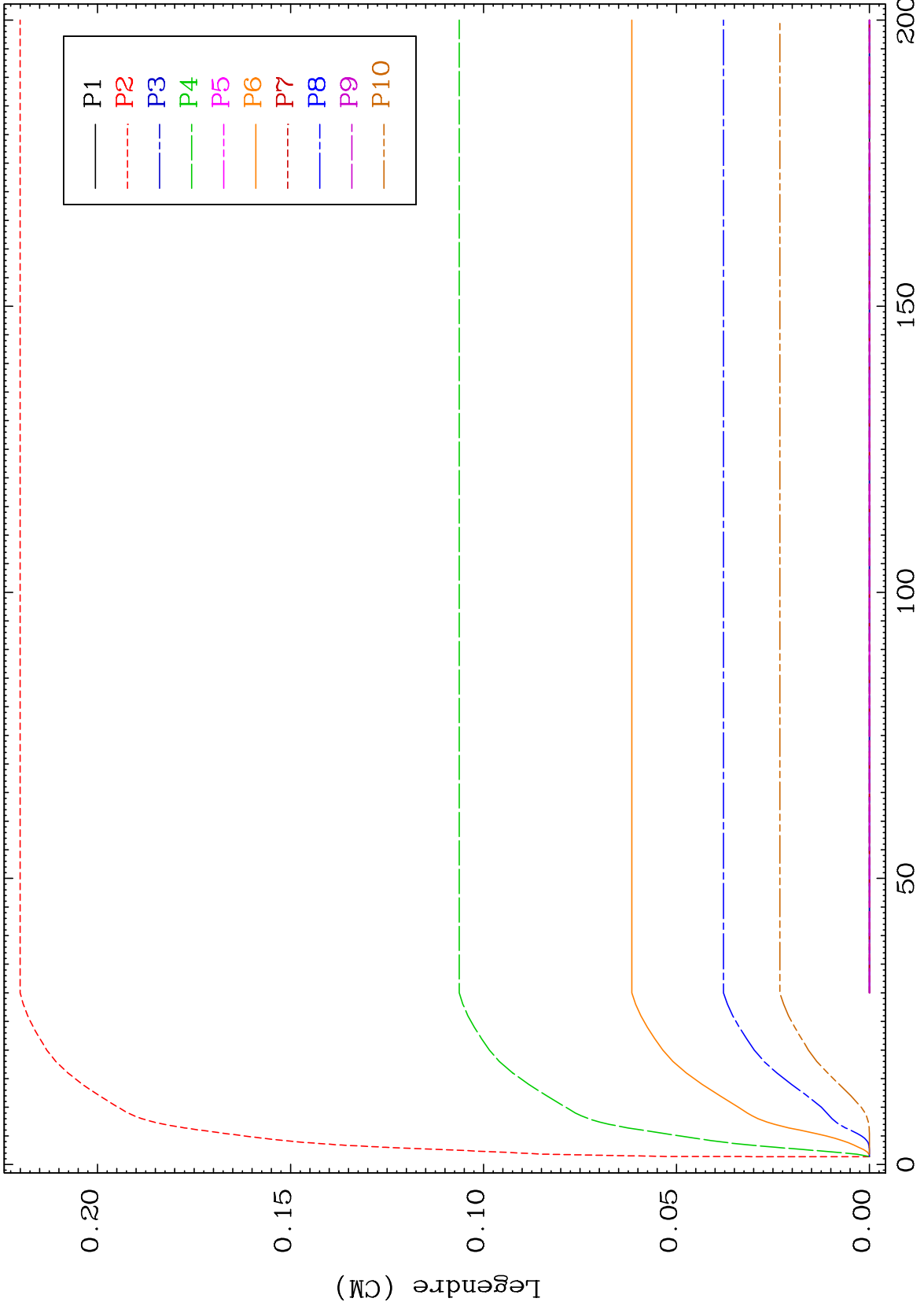


38

Incident Energy (MeV)

44-Ru-104

MAT 4449 MT= 56 (n,n') Level Legendre Coefficients 44-Ru-104

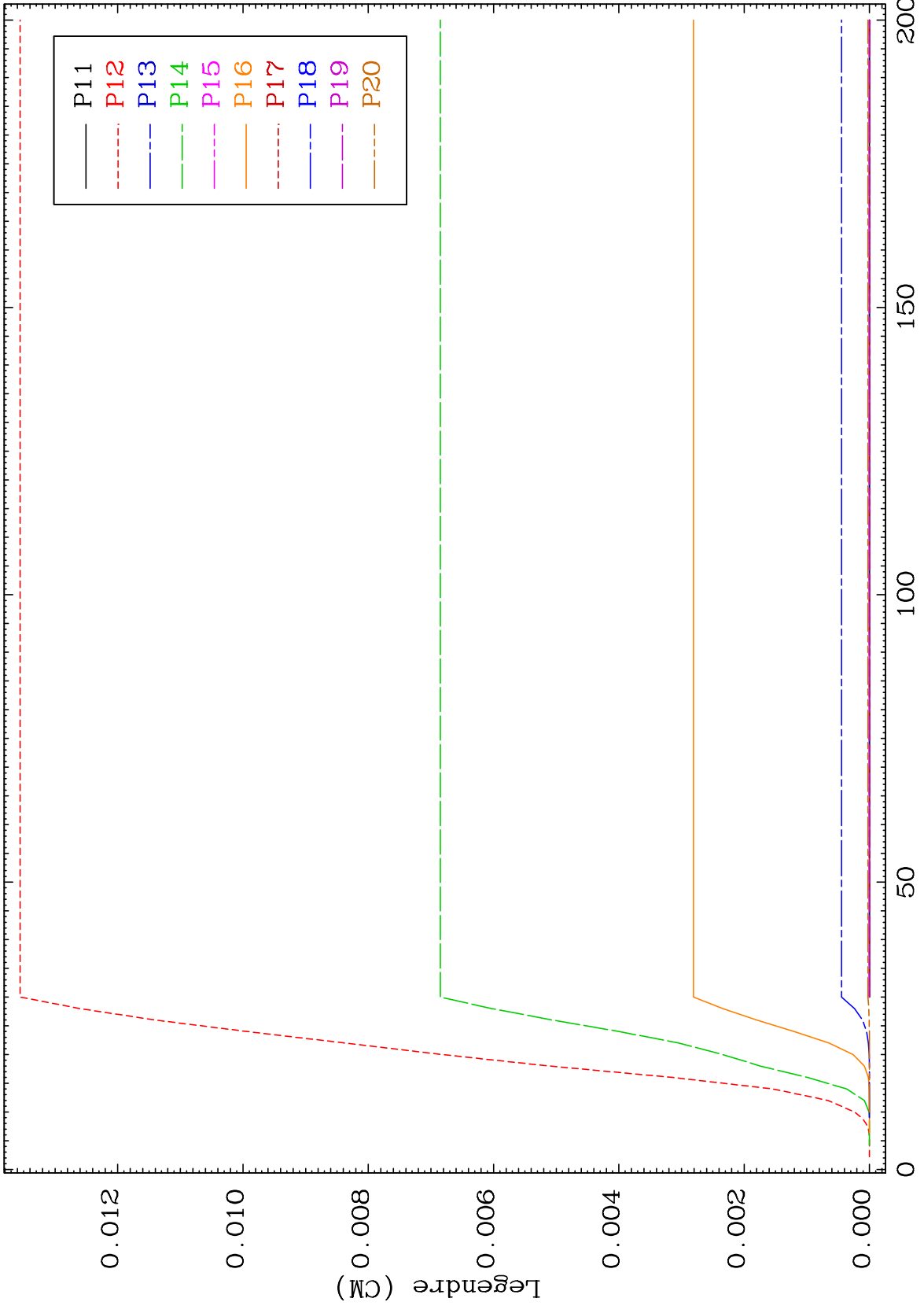


39 Incident Energy (MeV) 44-Ru-104

MAT 4449

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

44-Ru-104

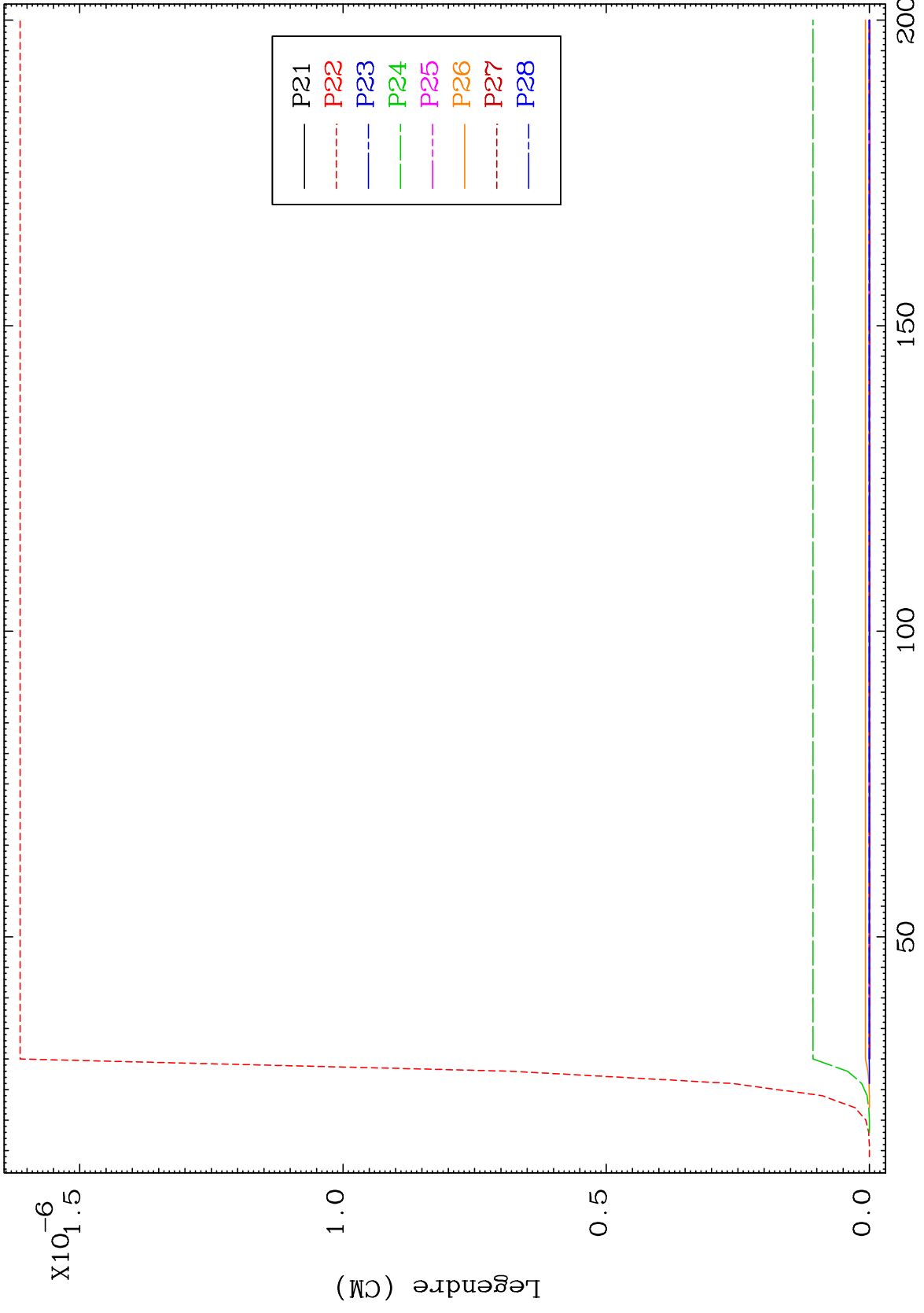


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Incident Energy (MeV)

44-Ru-104

MAT 4449 MT= 56 (n,n') Level Legendre Coefficients 44-Ru-104

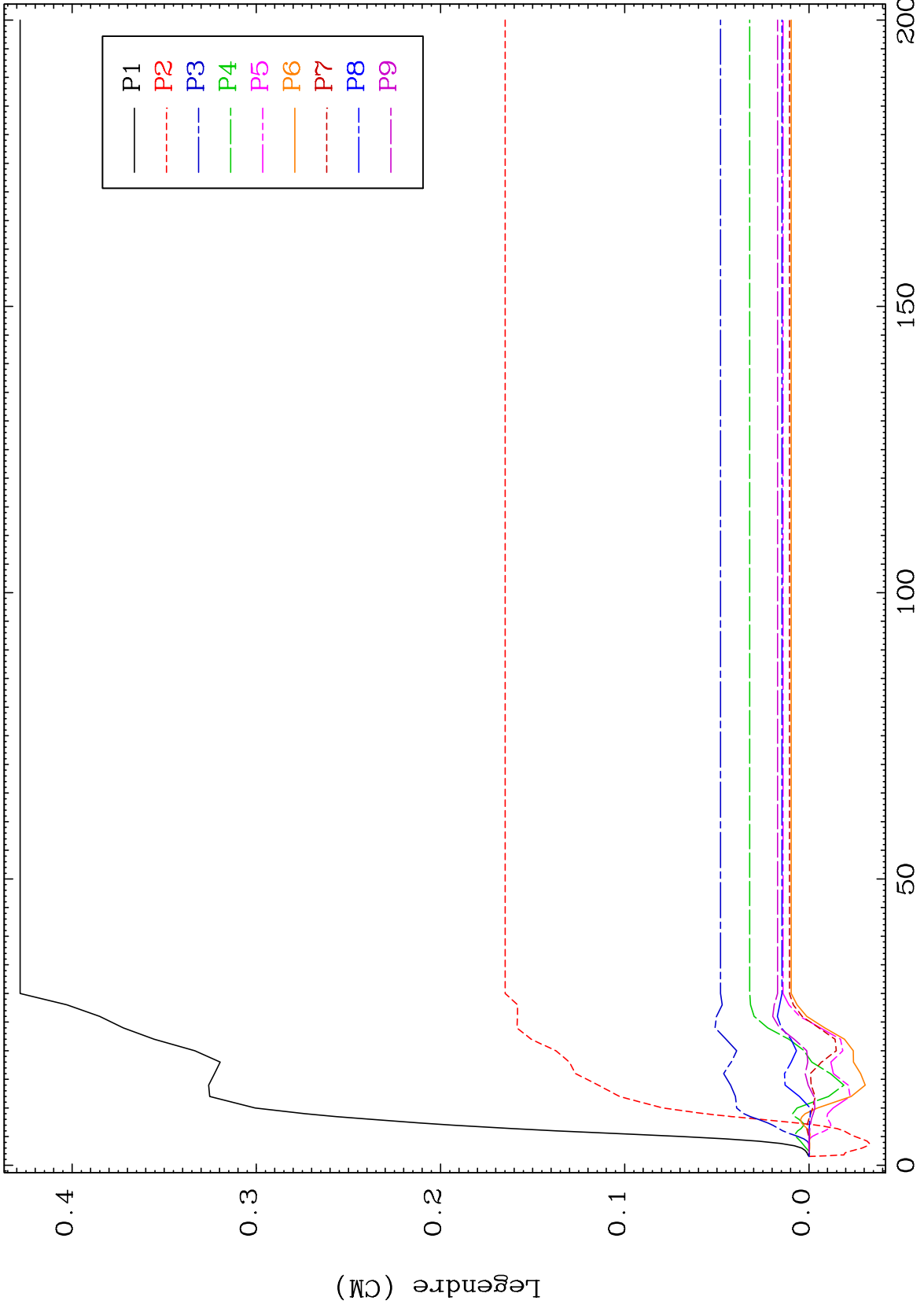


41 Incident Energy (MeV) 44-Ru-104

MAT 4449

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

44-Ru-104



42

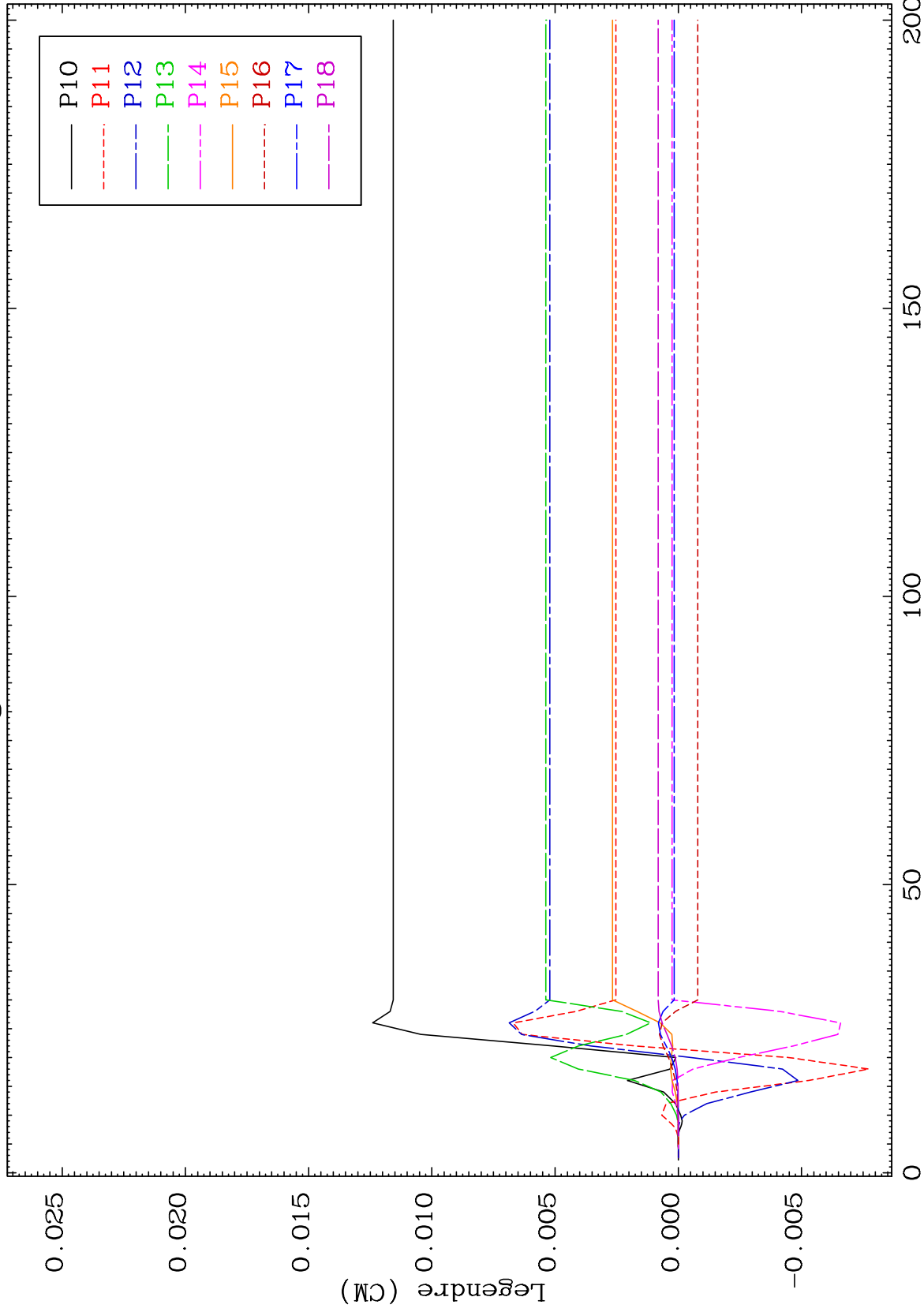
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44-Ru-104

MAT 4449

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

44-Ru-104



43

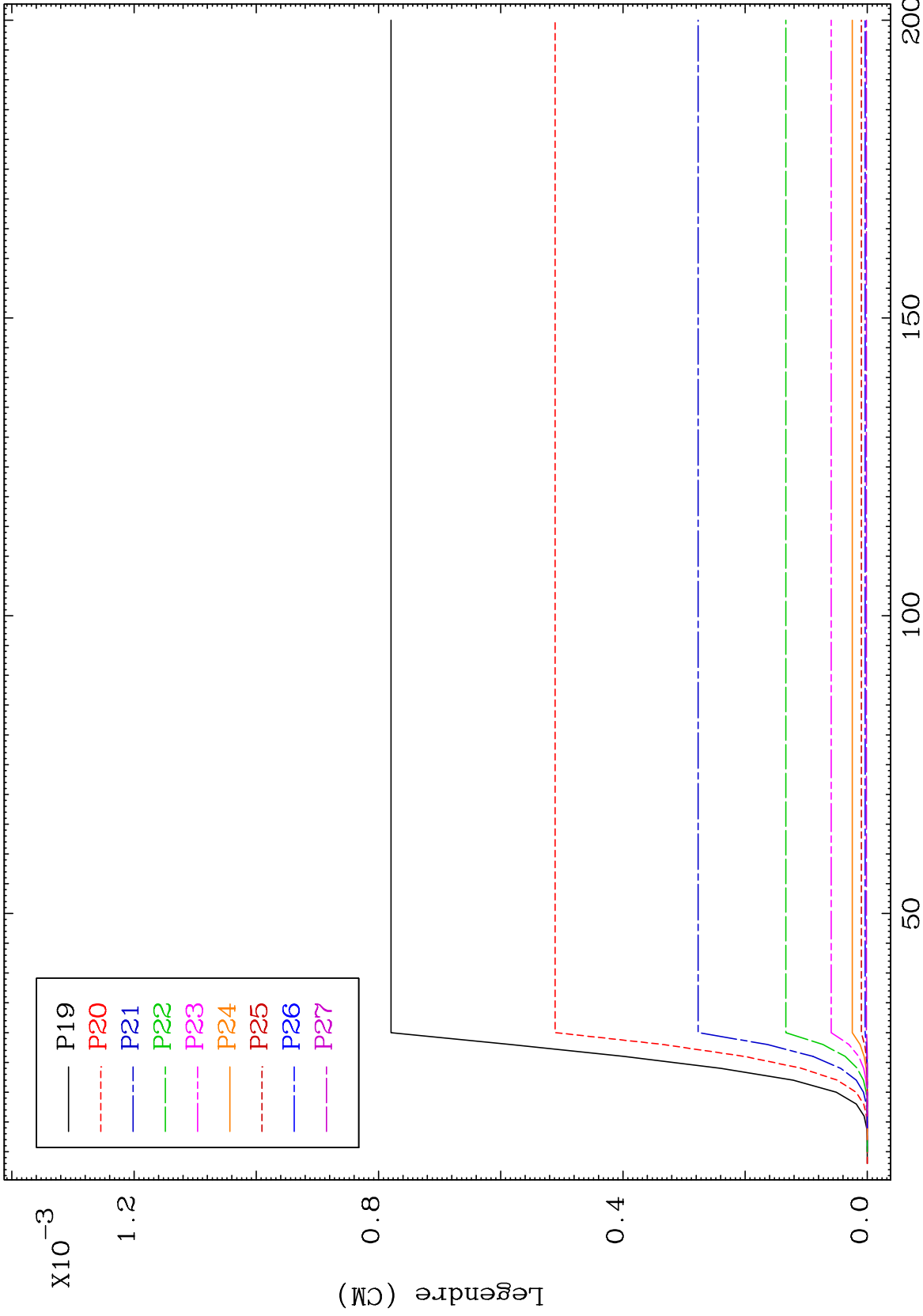
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



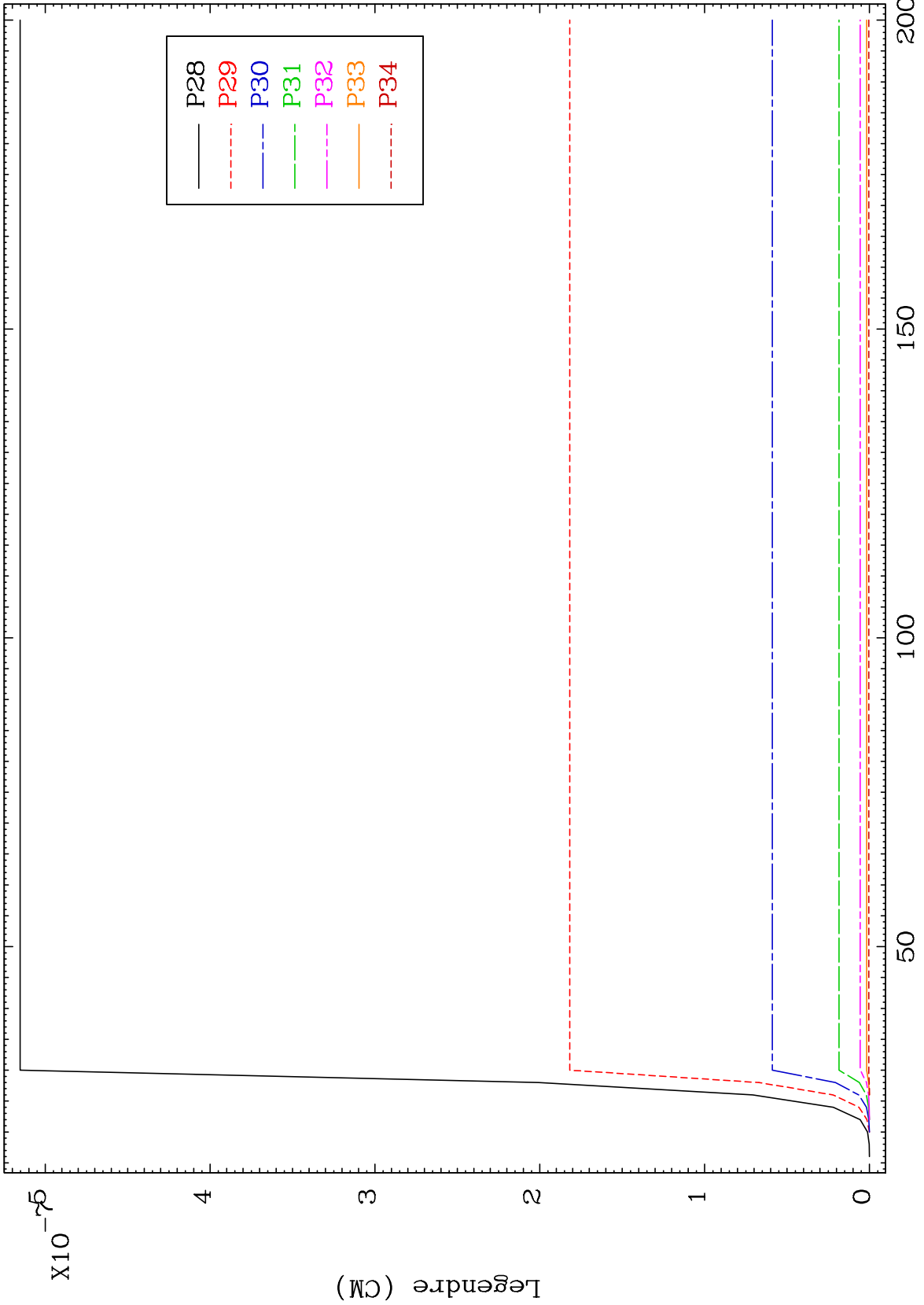
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44-Ru-104

MAT 4449

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

44-Ru-104



45

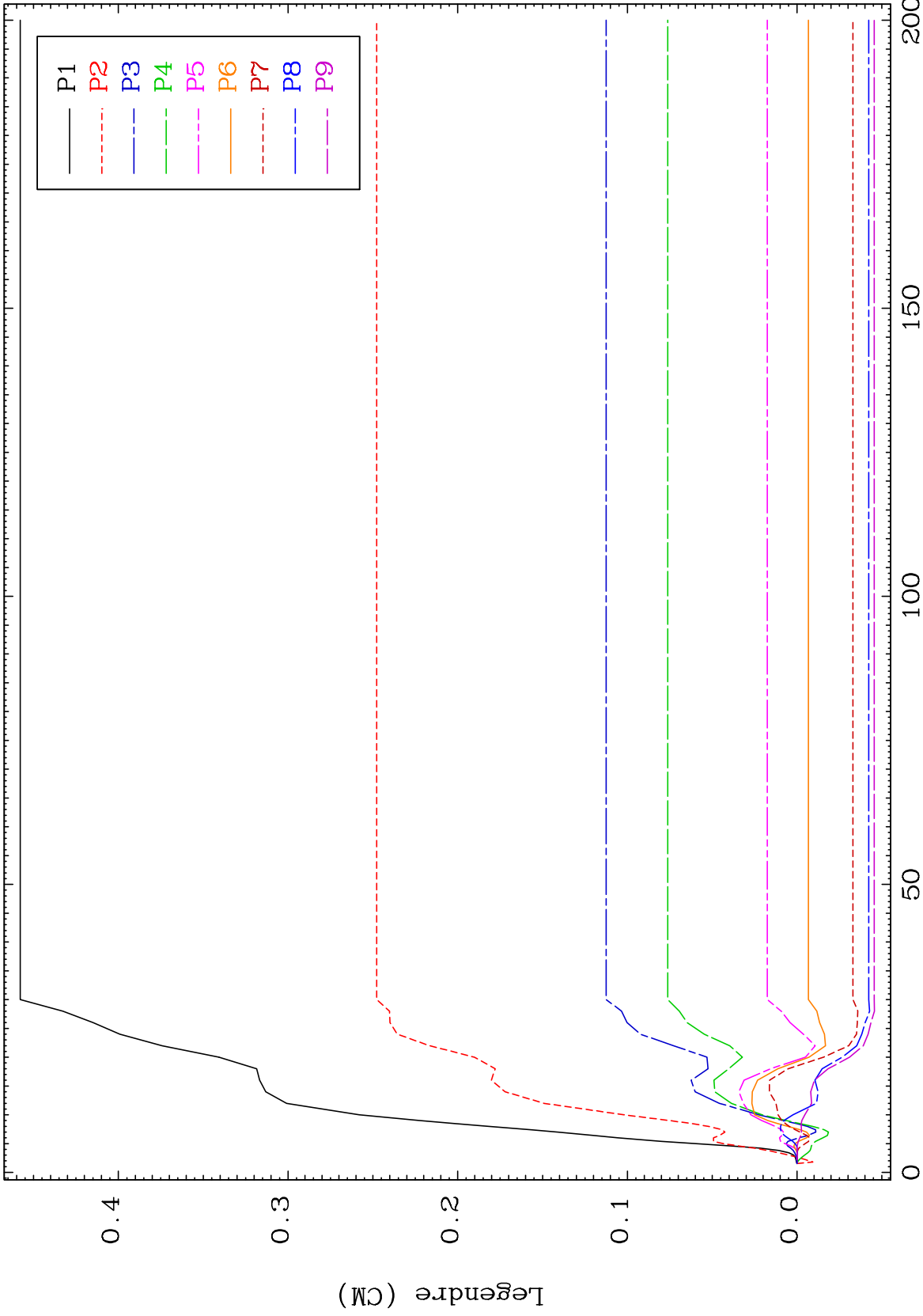
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



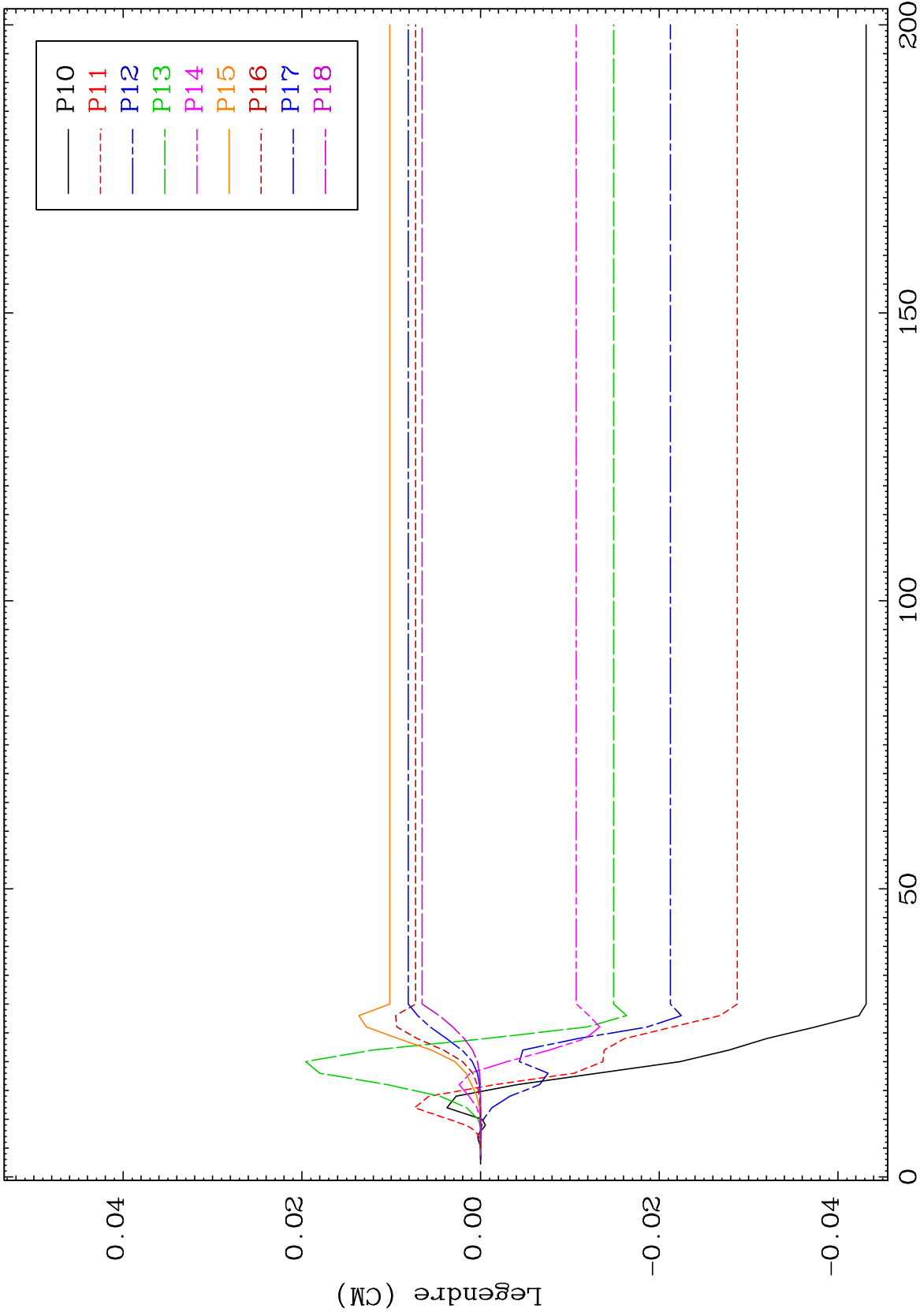
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44-Ru-104

MAT 4449

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

44-Ru-104



47

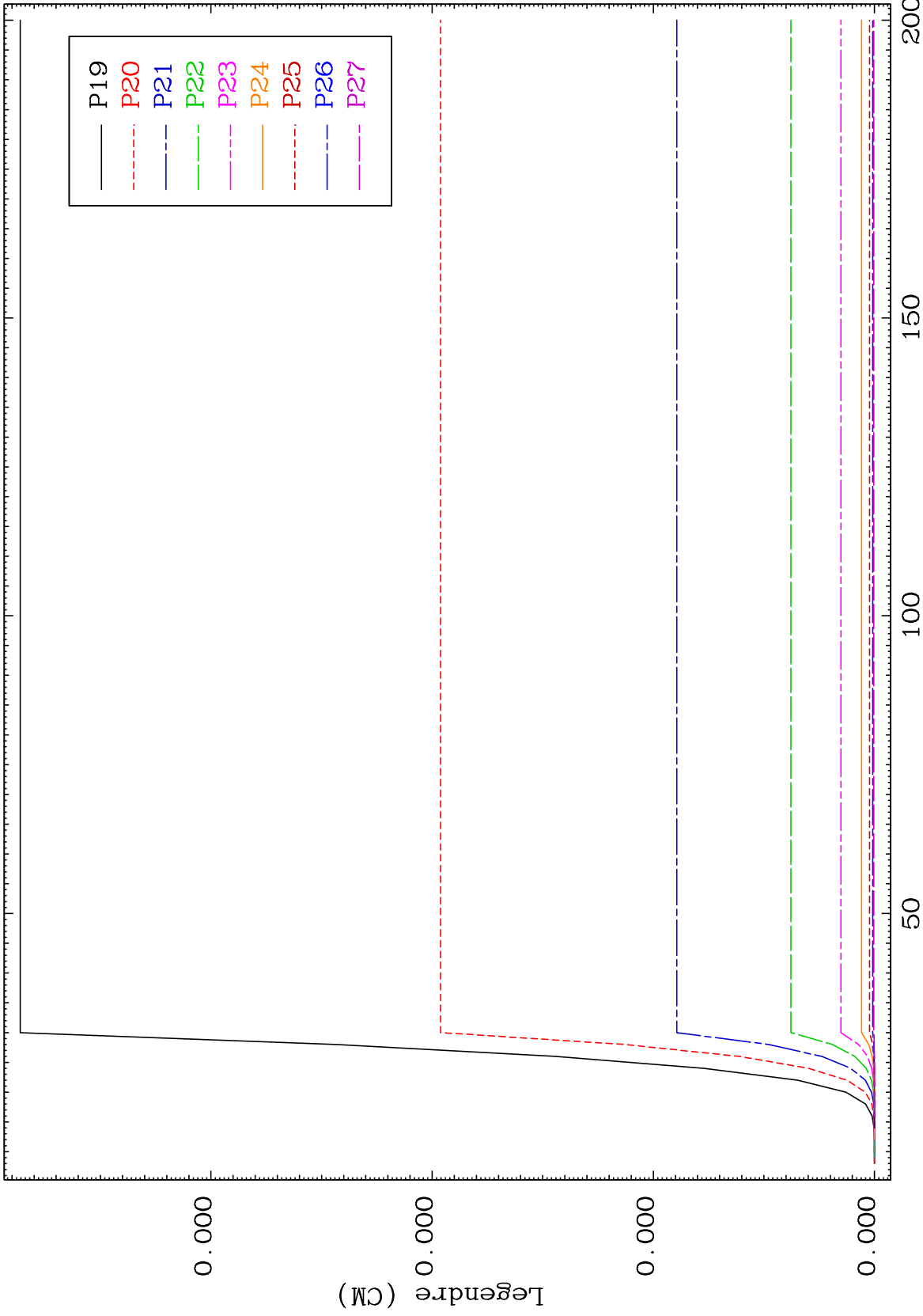
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

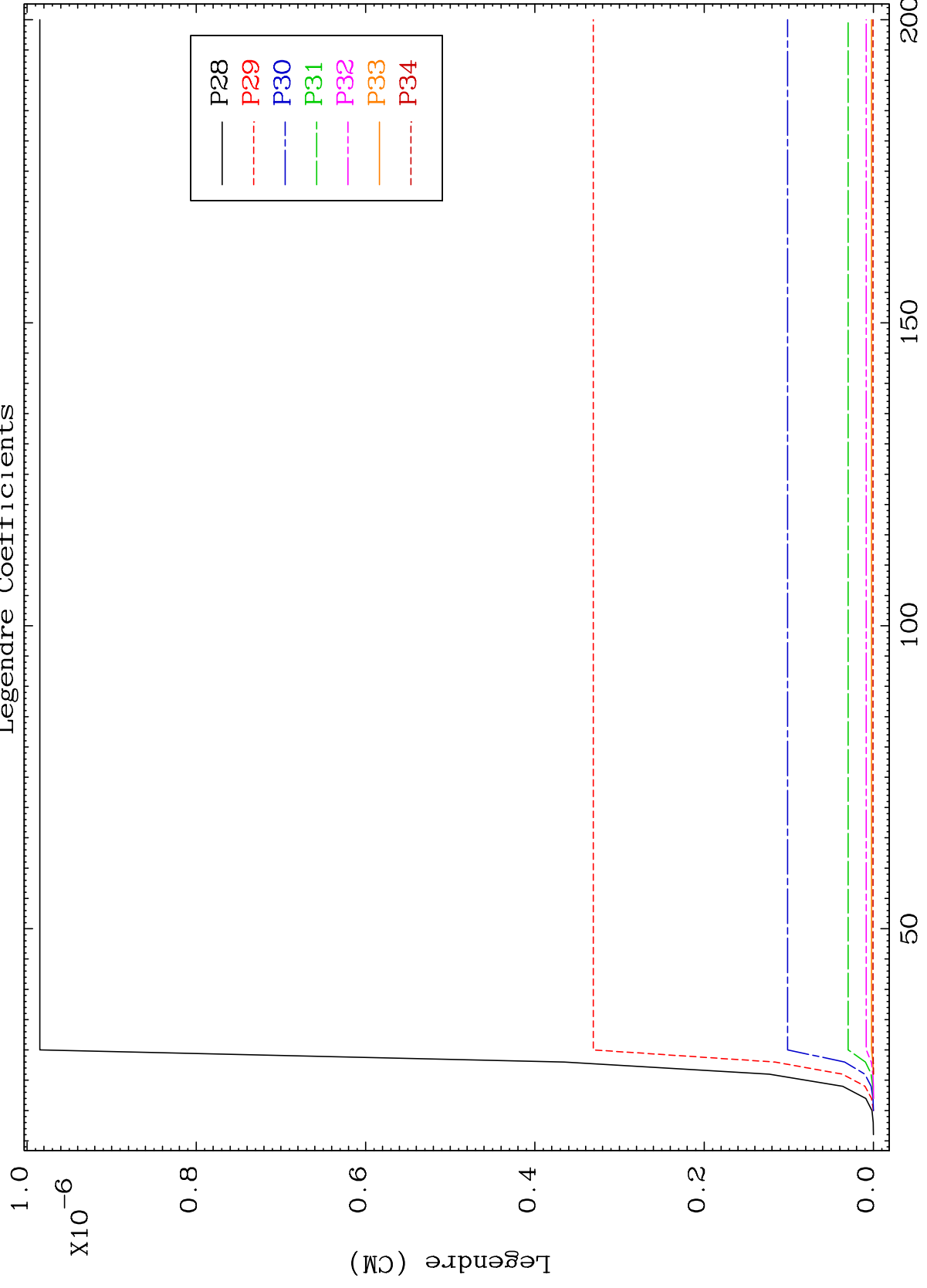
44-Ru-104



48

44-Ru-104

MAT 4449 MT= 58 (n,n') Level Legendre Coefficients 44-Ru-104

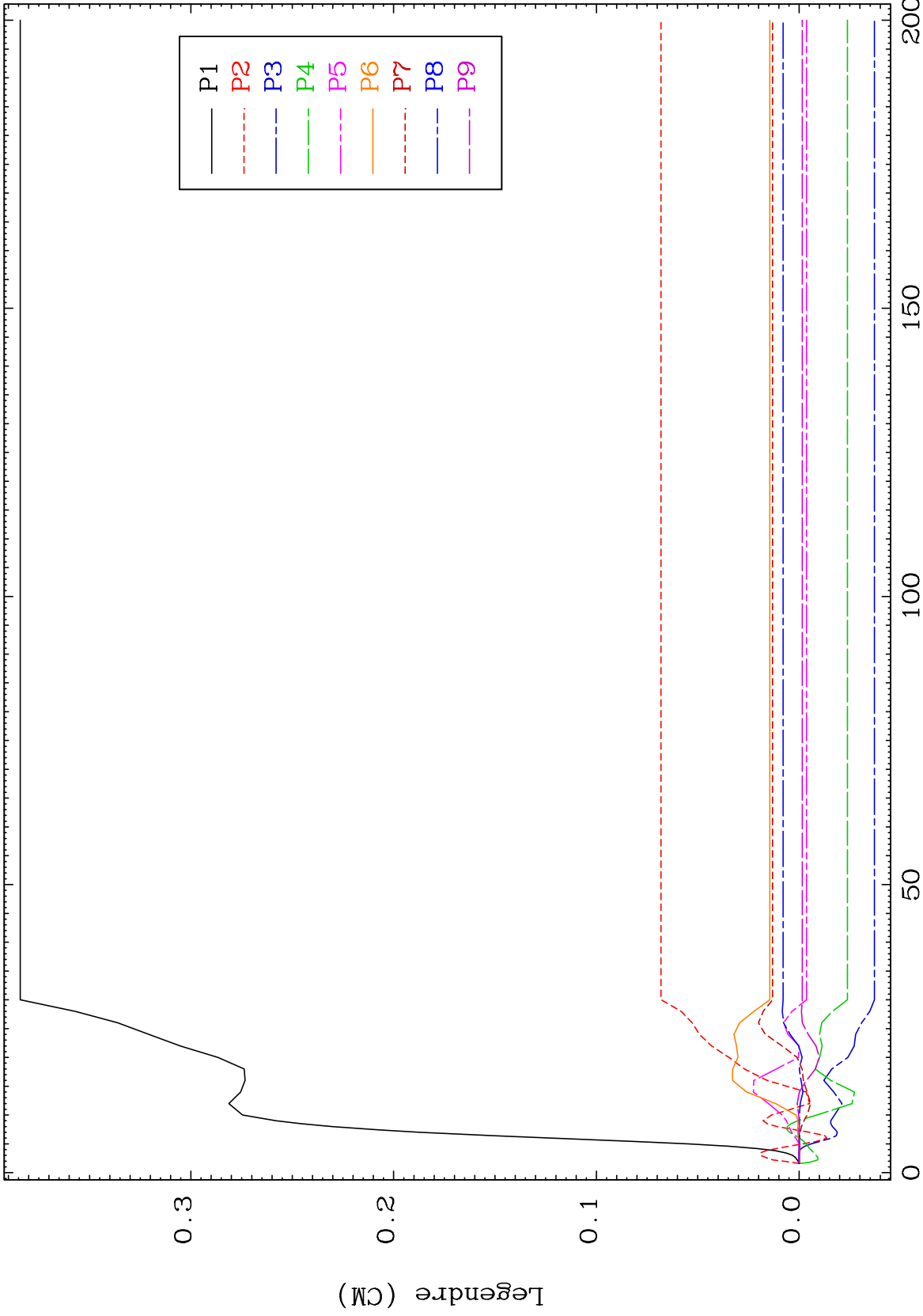


49 44-Ru-104

MAT 4449

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

44-Ru-104



50

50

100

150

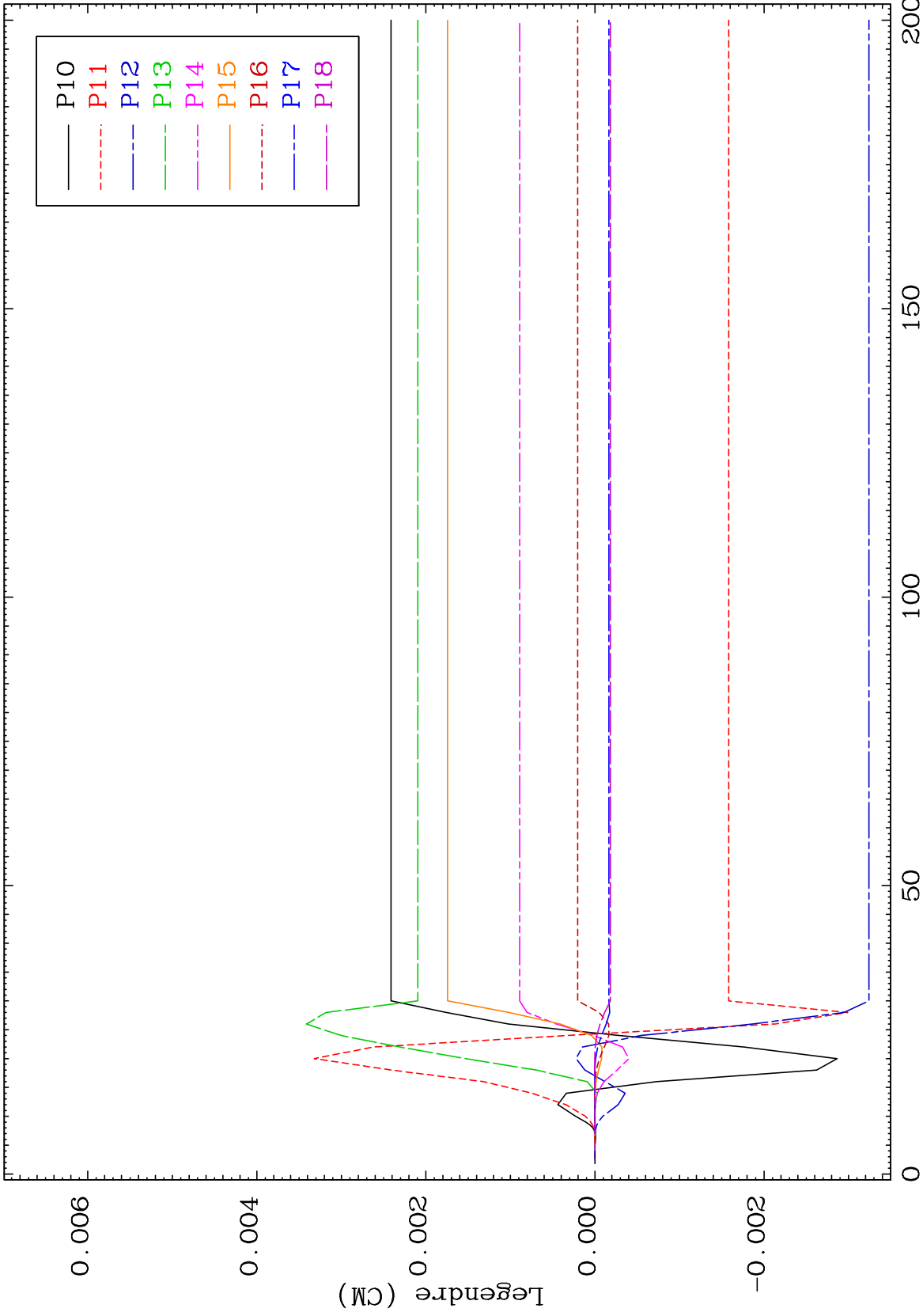
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44-Ru-104

MAT 4449

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

44-Ru-104



51

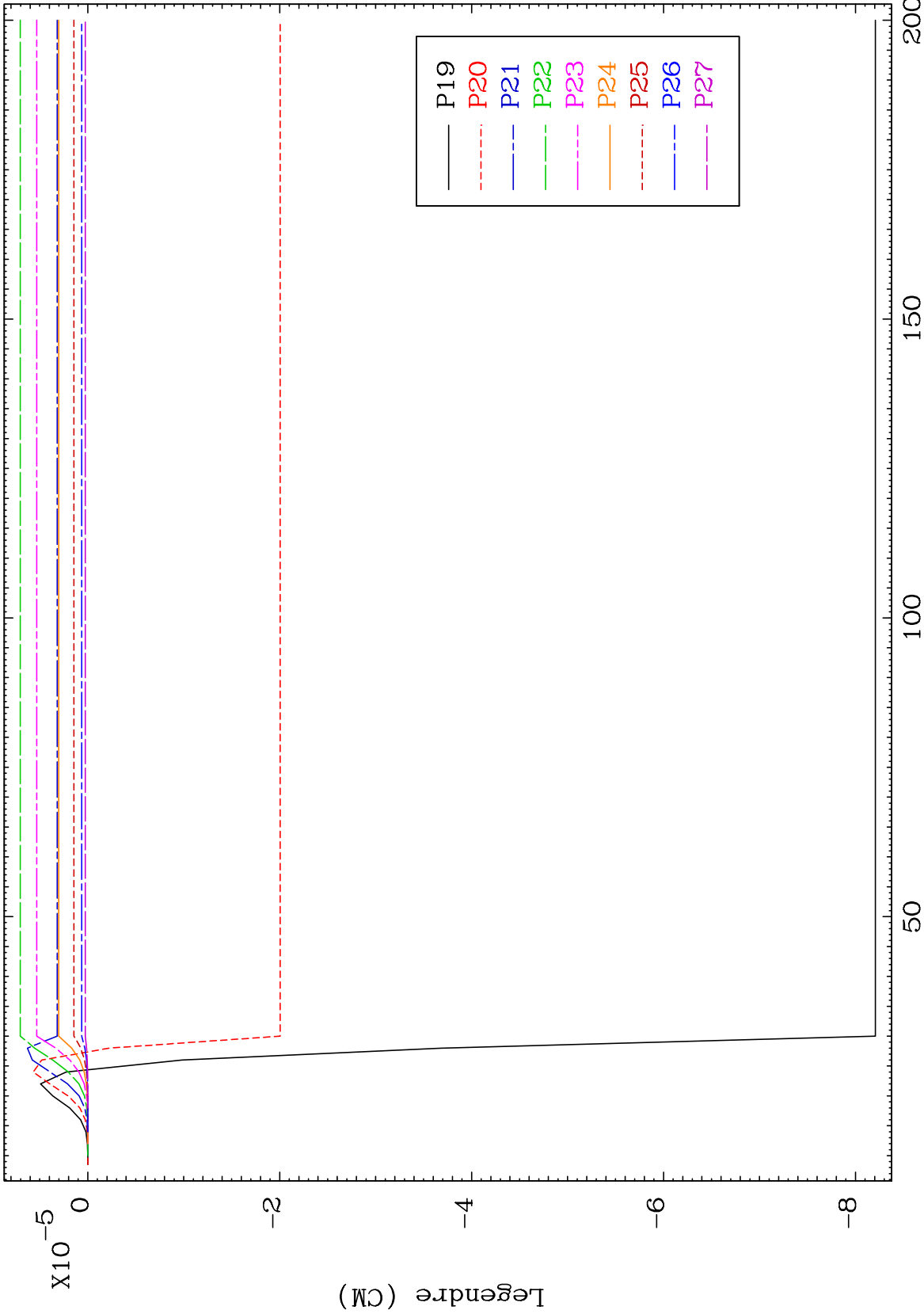
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



52

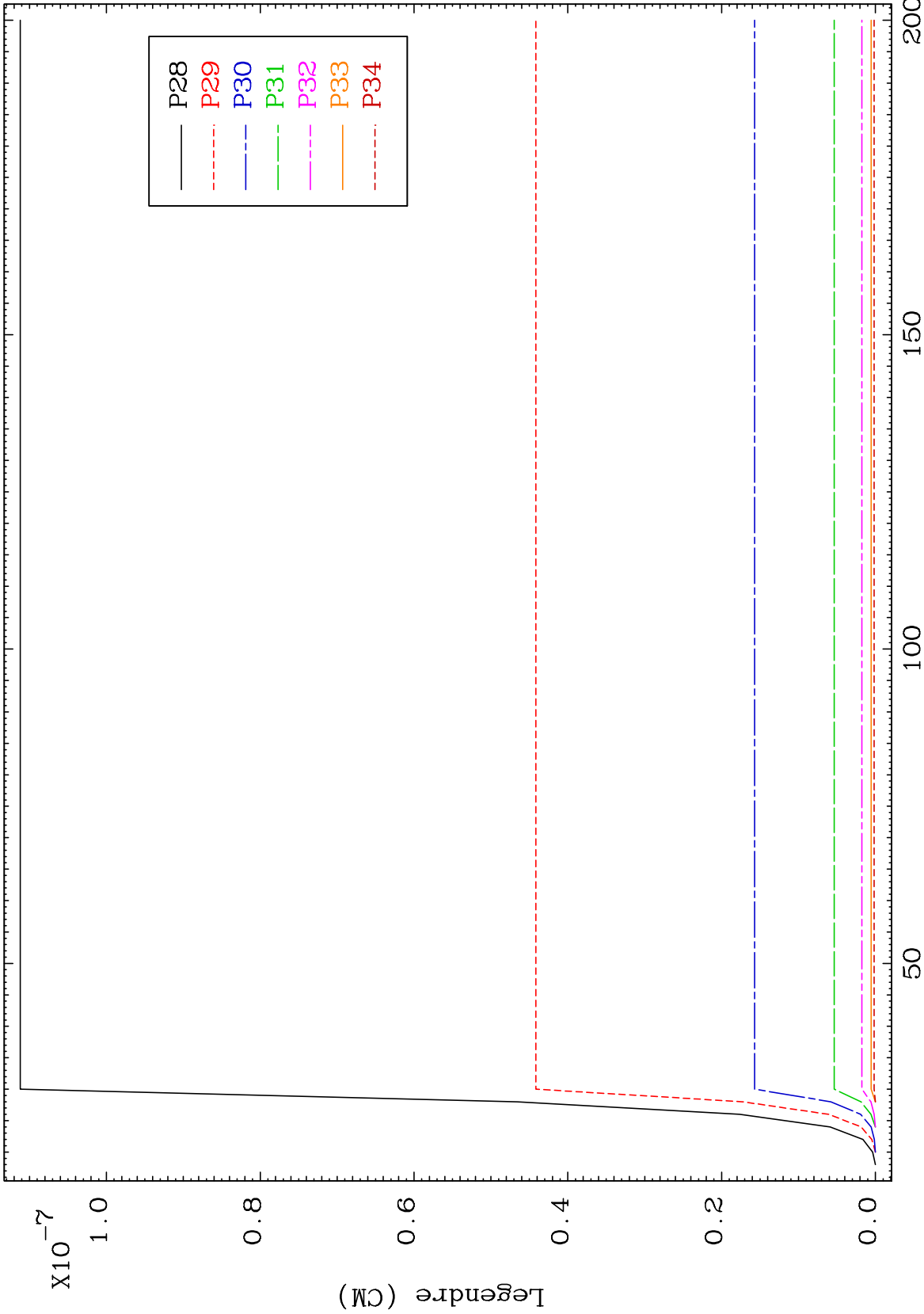
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



53

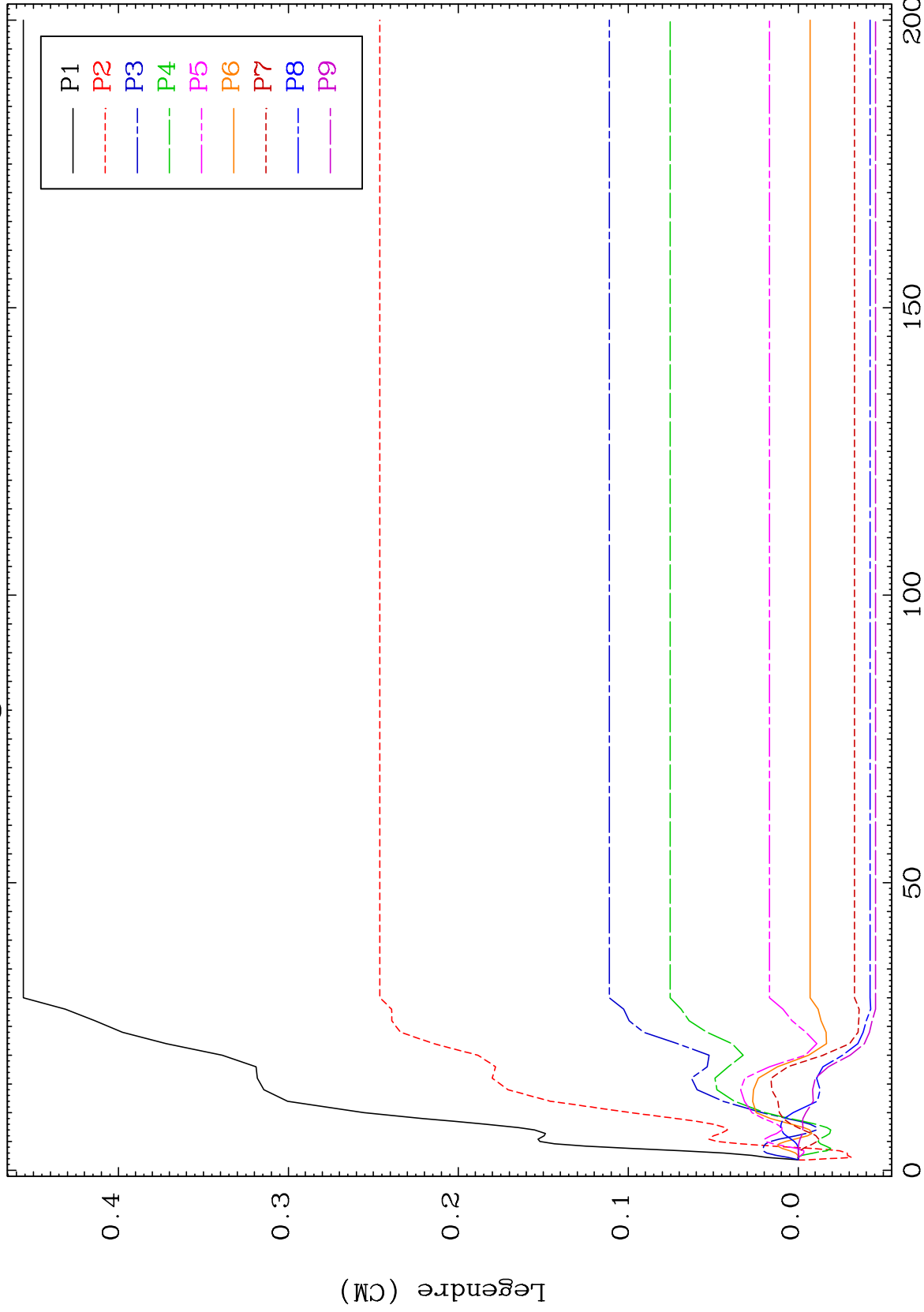
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



54

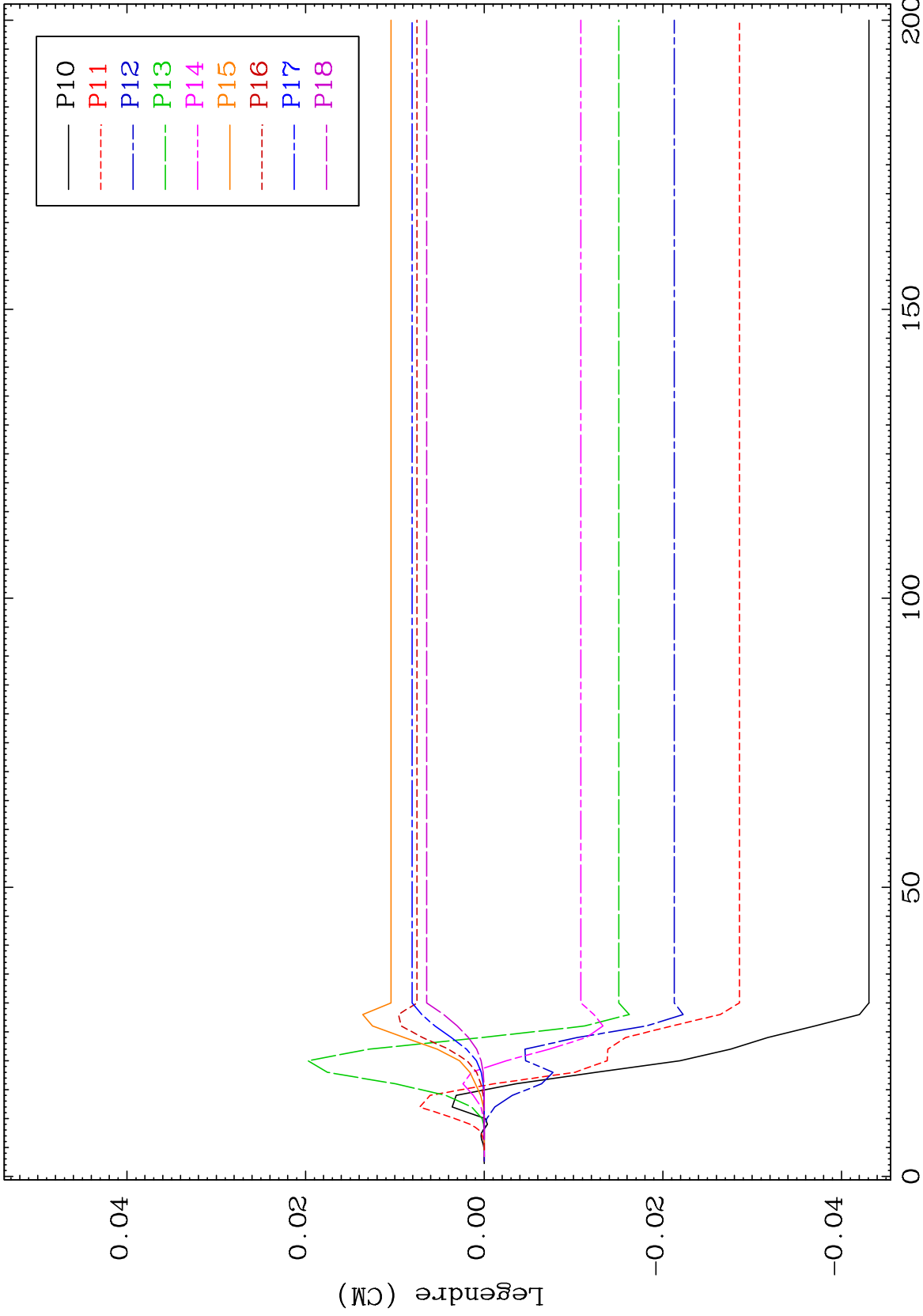
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



55

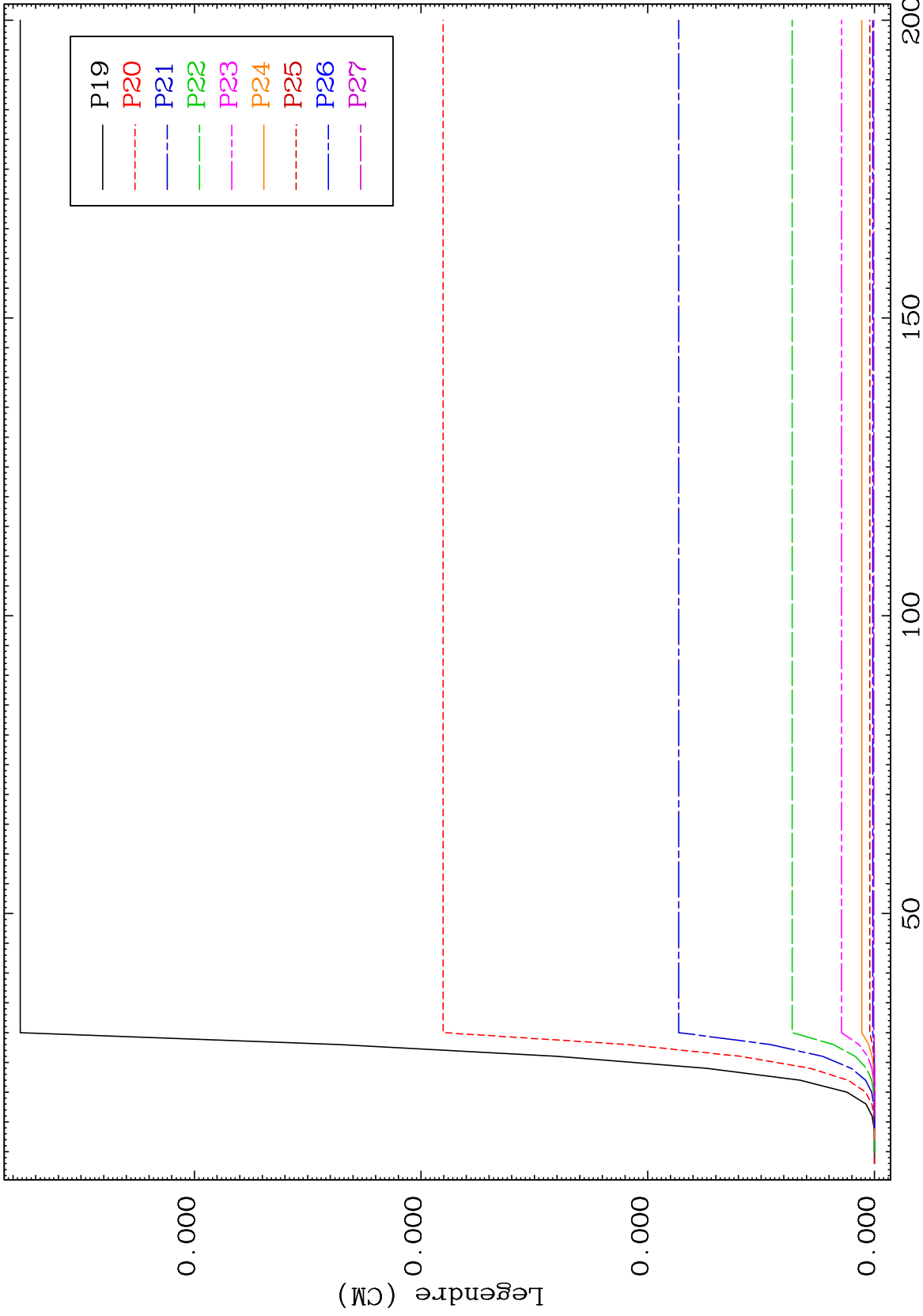
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



56

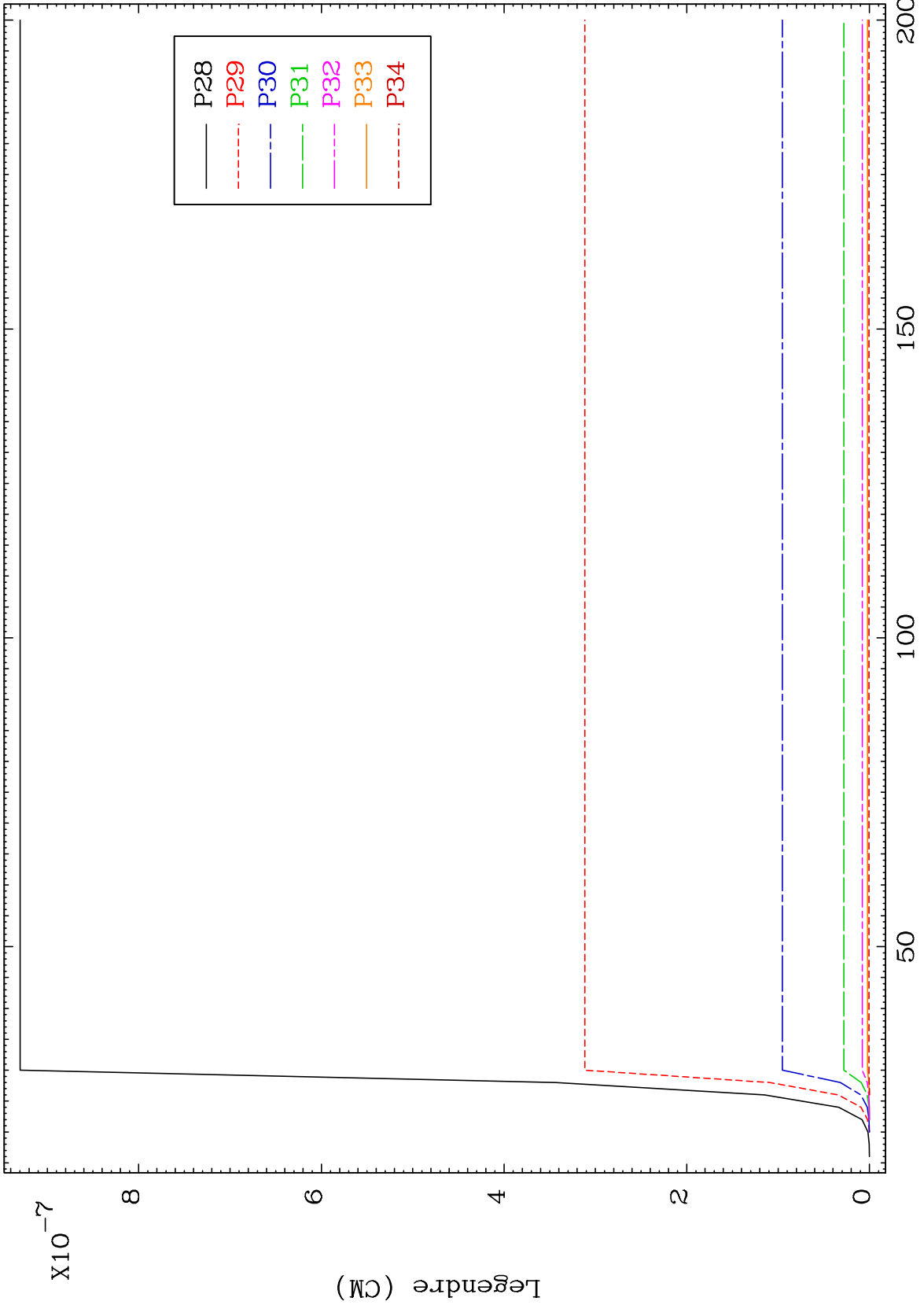
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104

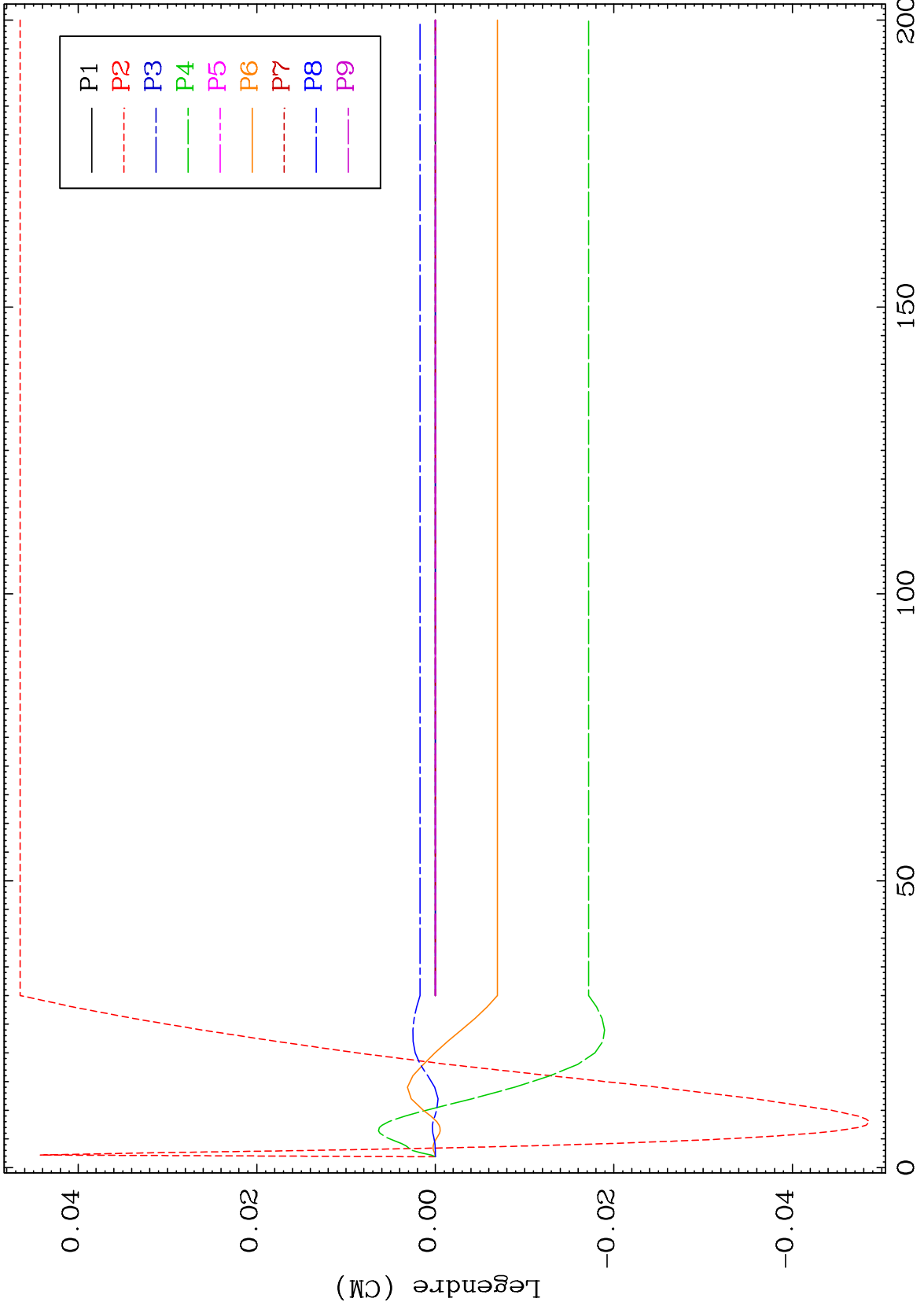


57

Incident Energy (MeV)

44-Ru-104

MAT 4449 MT= 61 (n,n') Level Legendre Coefficients 44-Ru-104

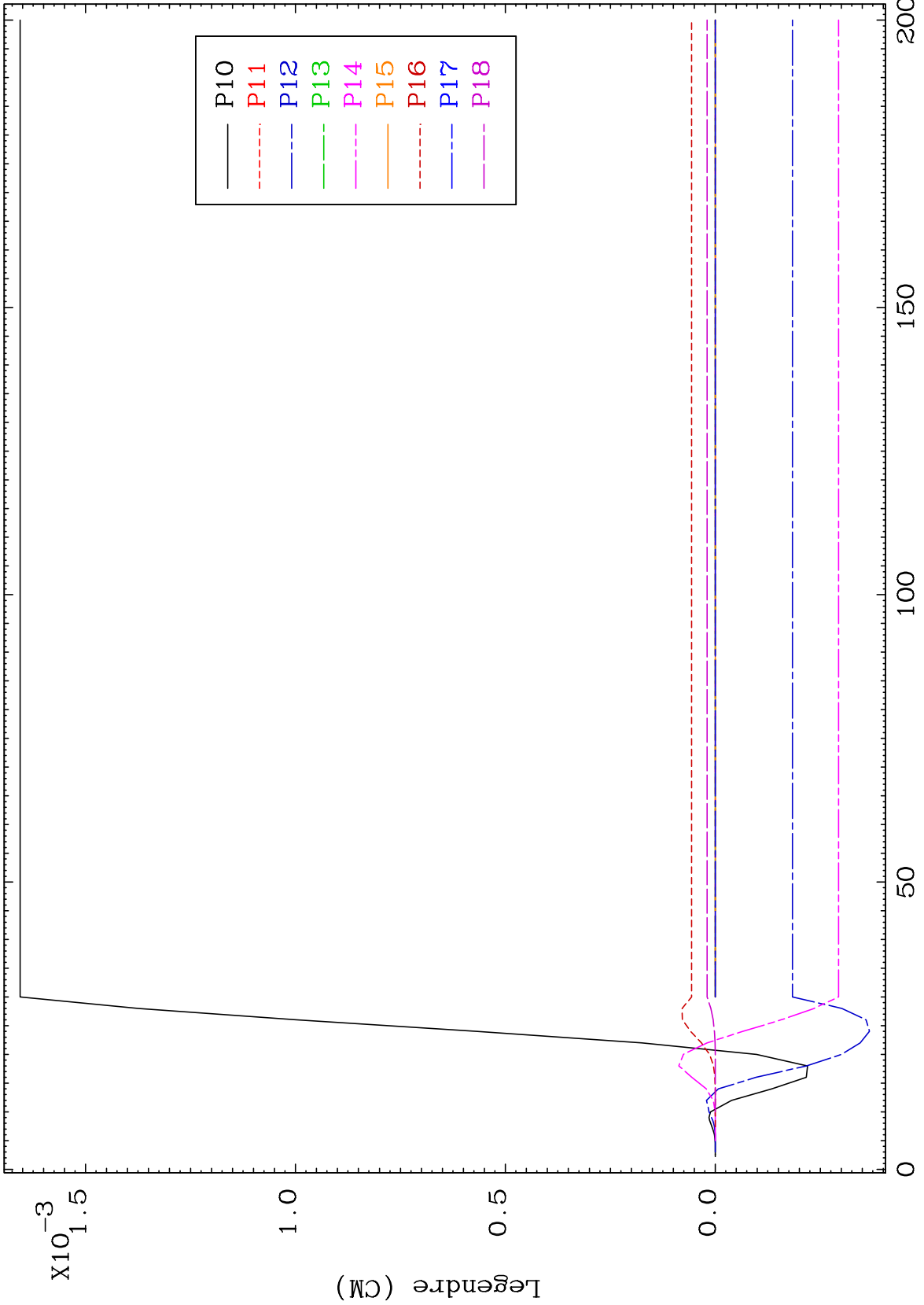


58 44-Ru-104

MAT 4449

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

44-Ru-104

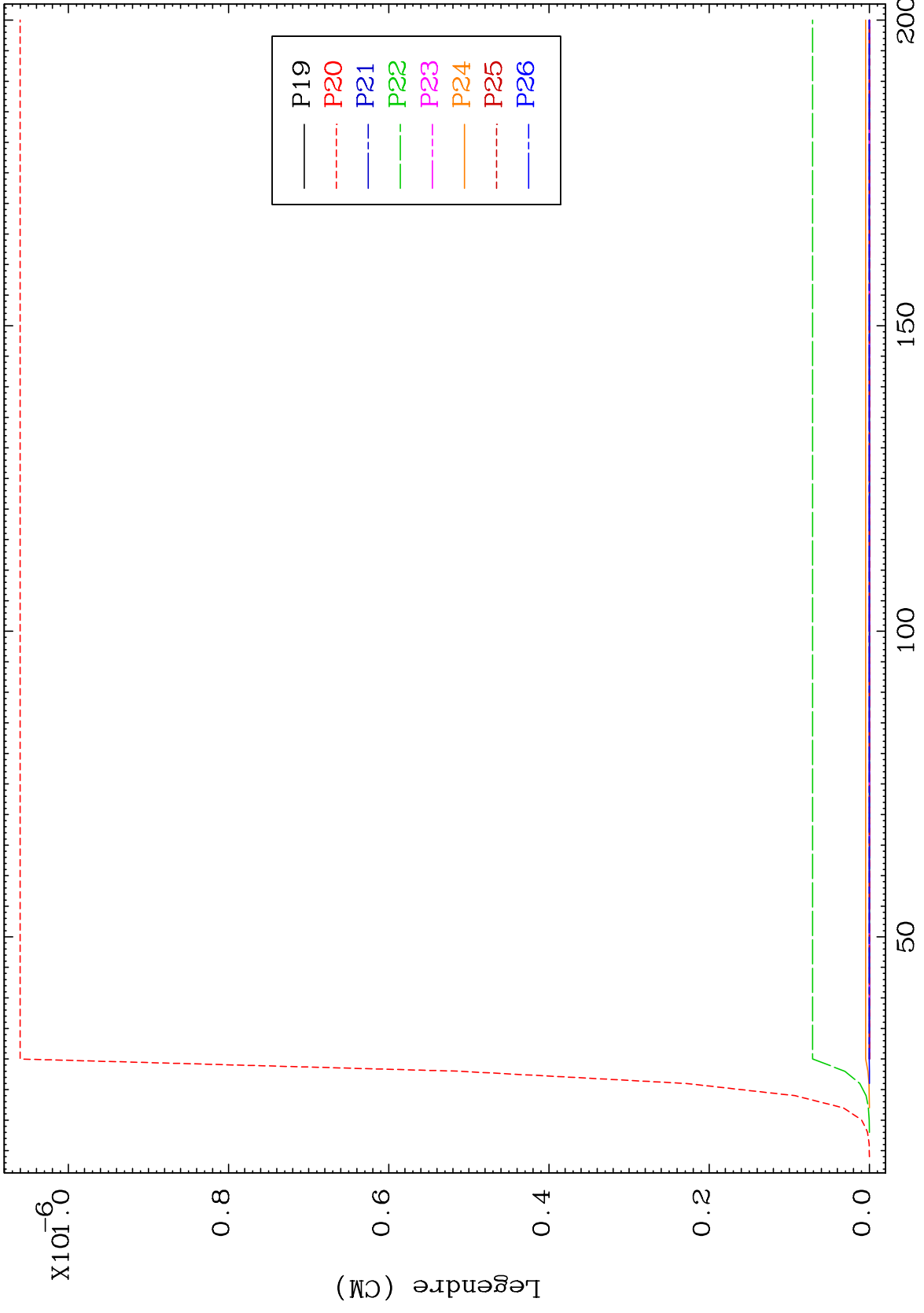


59

Incident Energy (MeV)

44-Ru-104

MAT 4449 MT= 61 (n,n') Level Legendre Coefficients 44-Ru-104

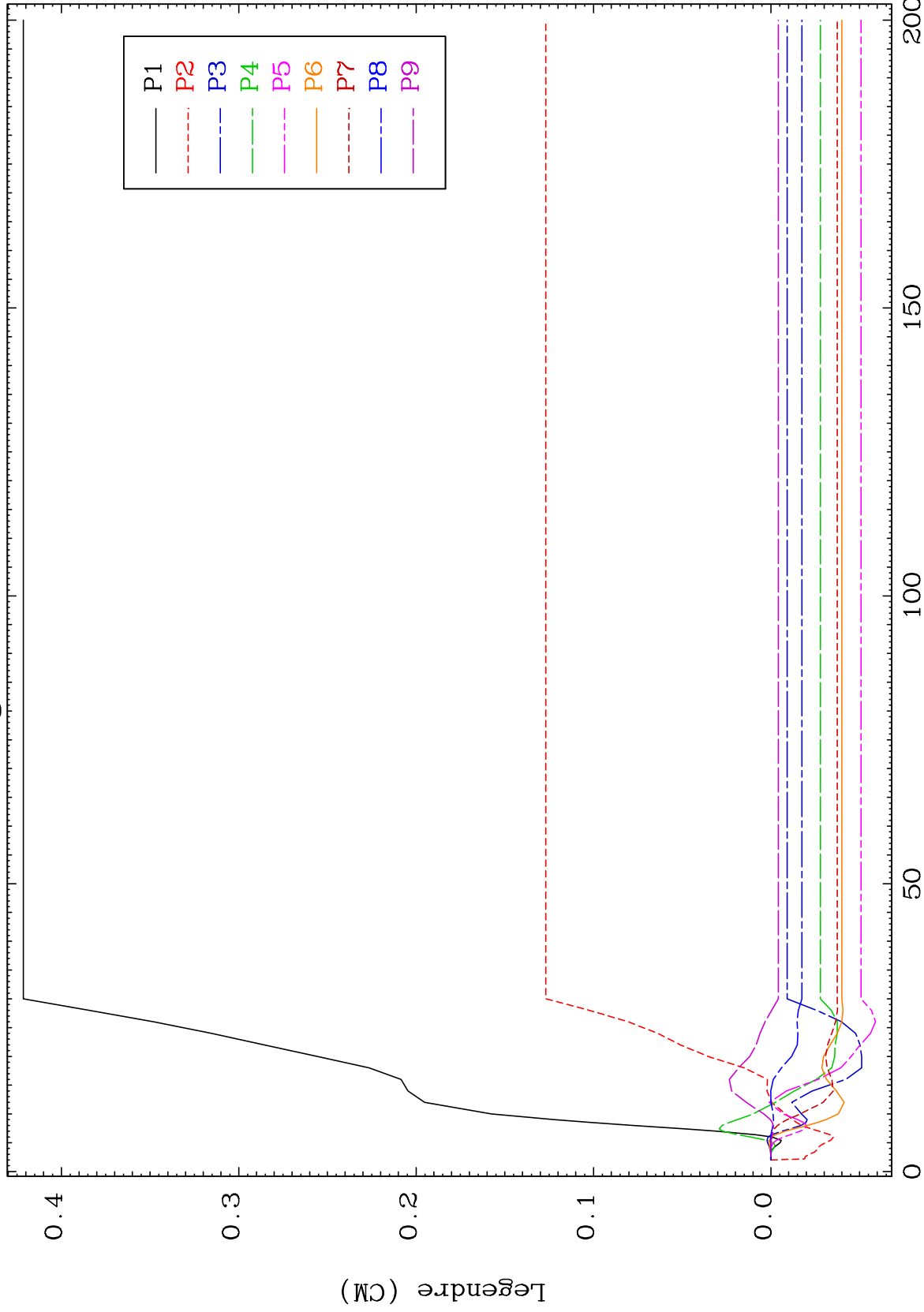


44-Ru-104

MAT 4449

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

44-Ru-104

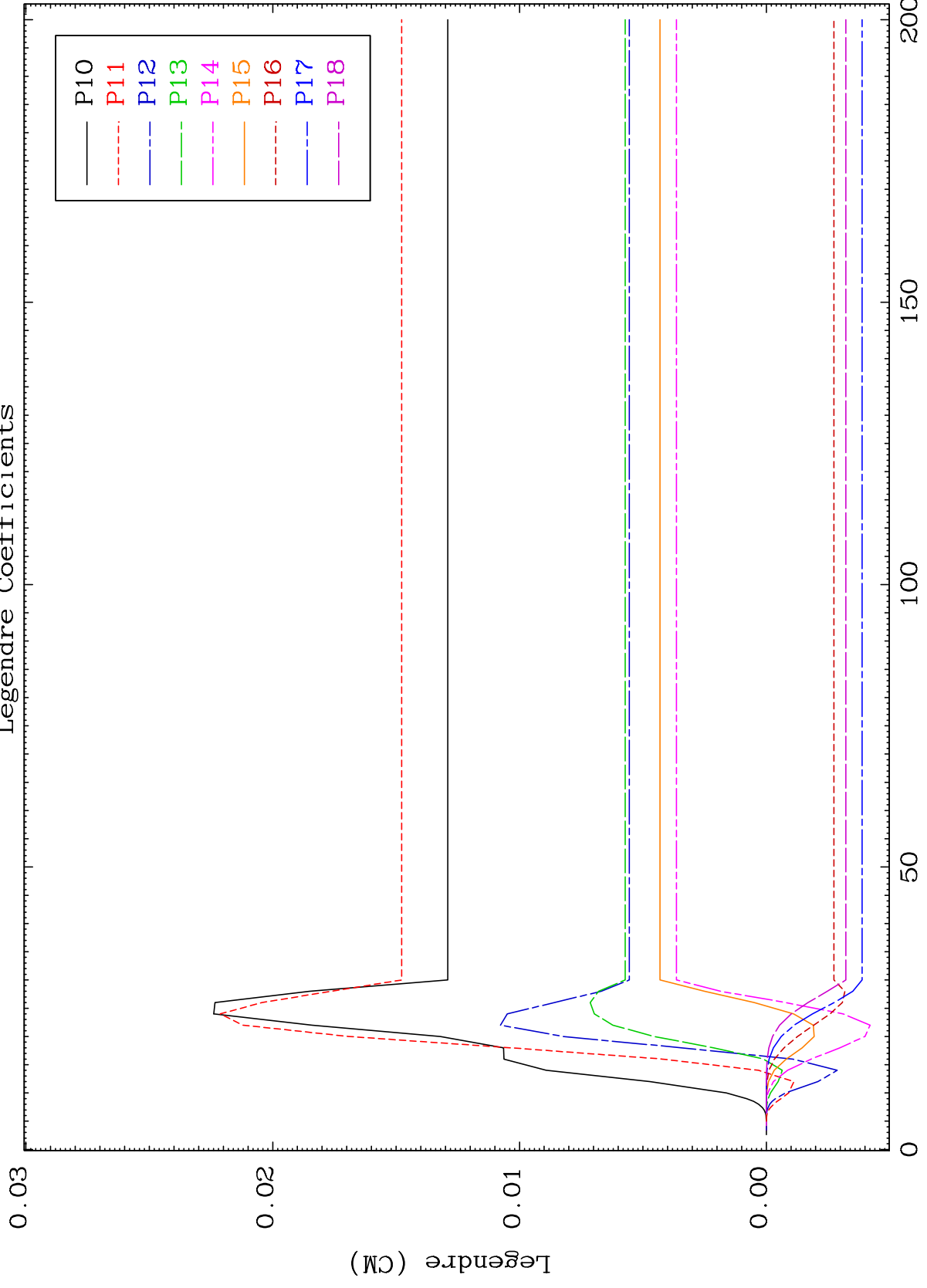


61

Incident Energy (MeV)

44-Ru-104

MAT 4449 MT= 62 (n,n') Level Legendre Coefficients 44-Ru-104

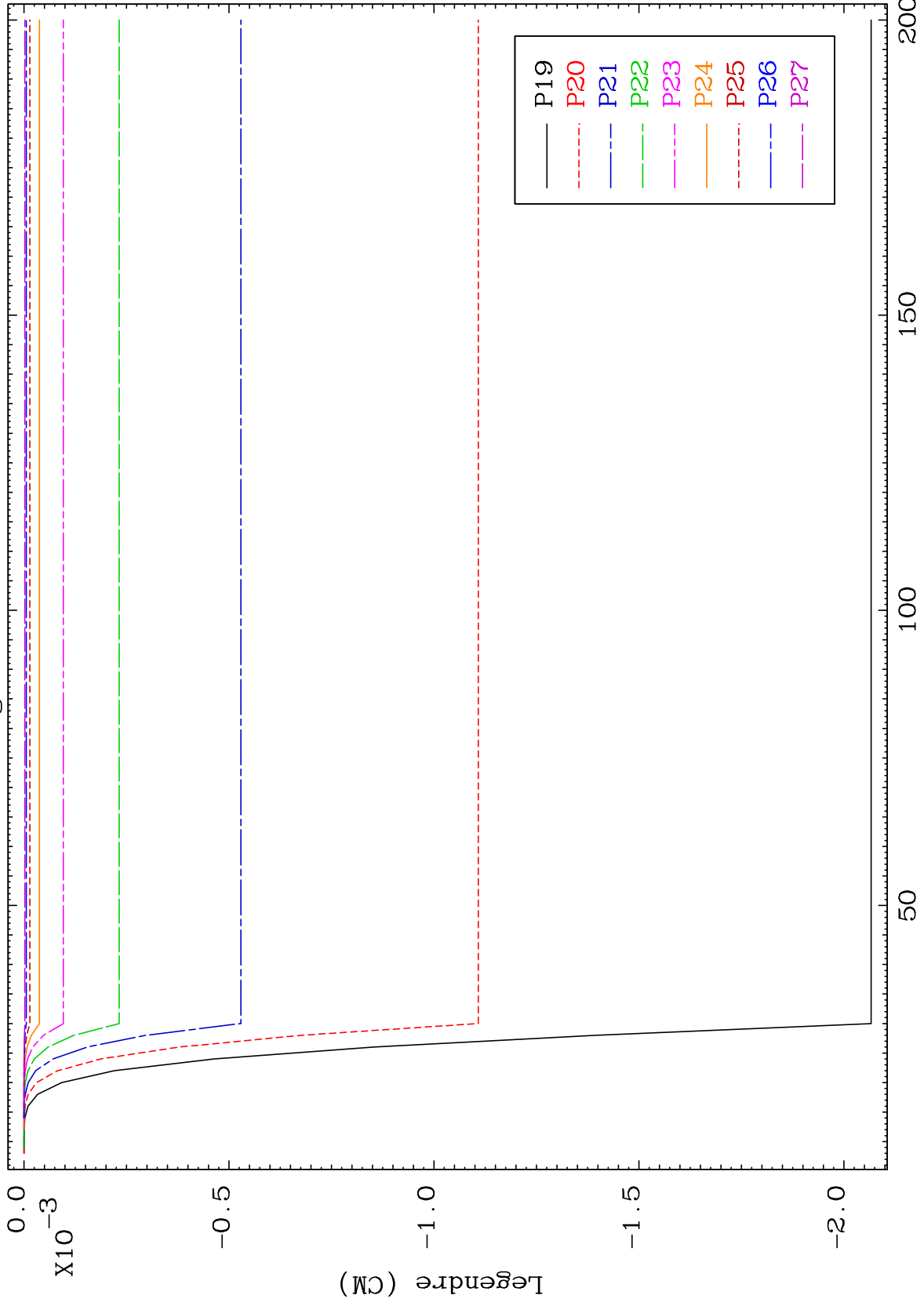


62 44-Ru-104

MAT 4449

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

44-Ru-104

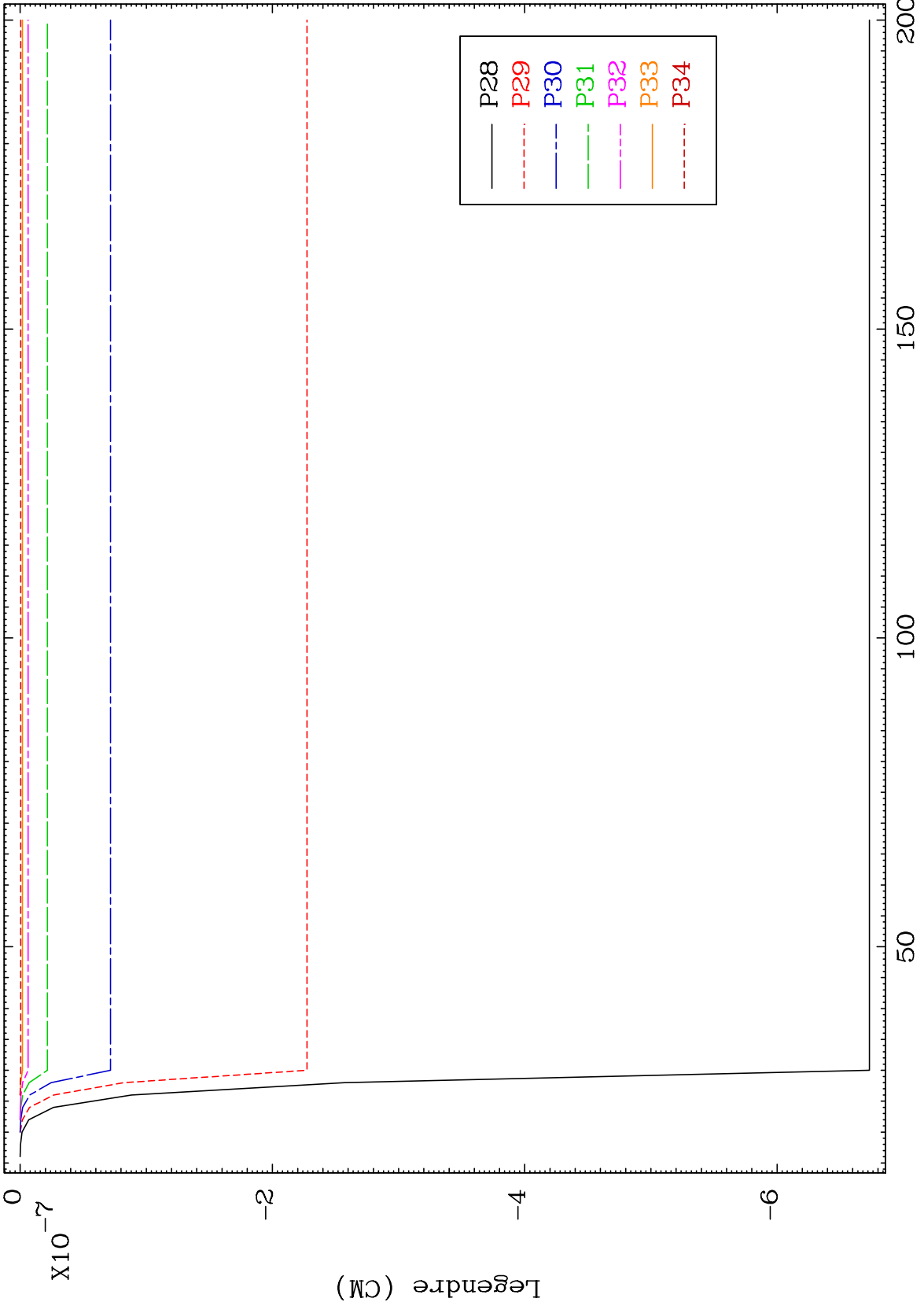


44-Ru-104

Incident Energy (MeV)

63

MAT 4449 MT= 62 (n,n') Level Legendre Coefficients 44-Ru-104

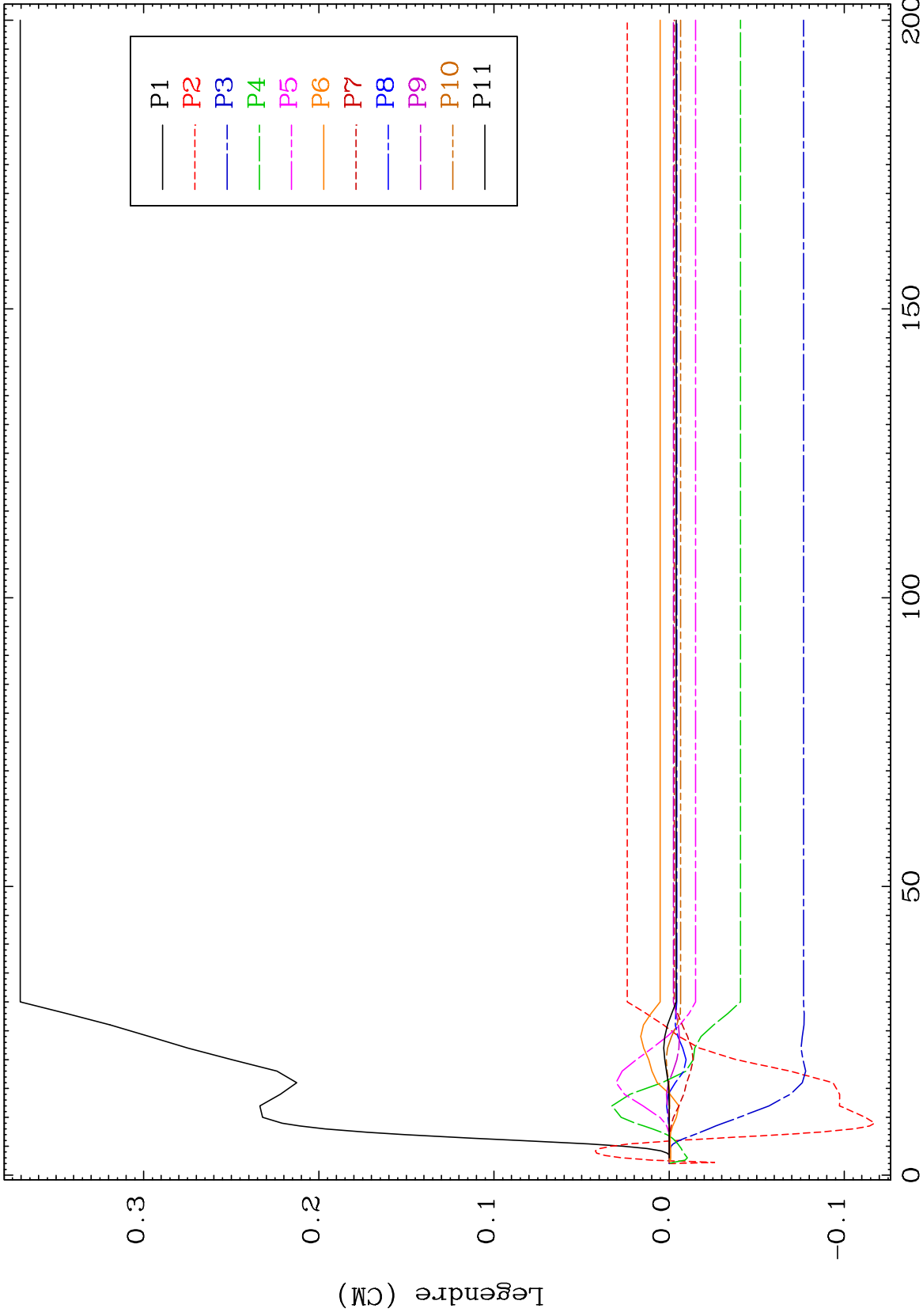


64 44-Ru-104

MAT 4449

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

44-Ru-104



65

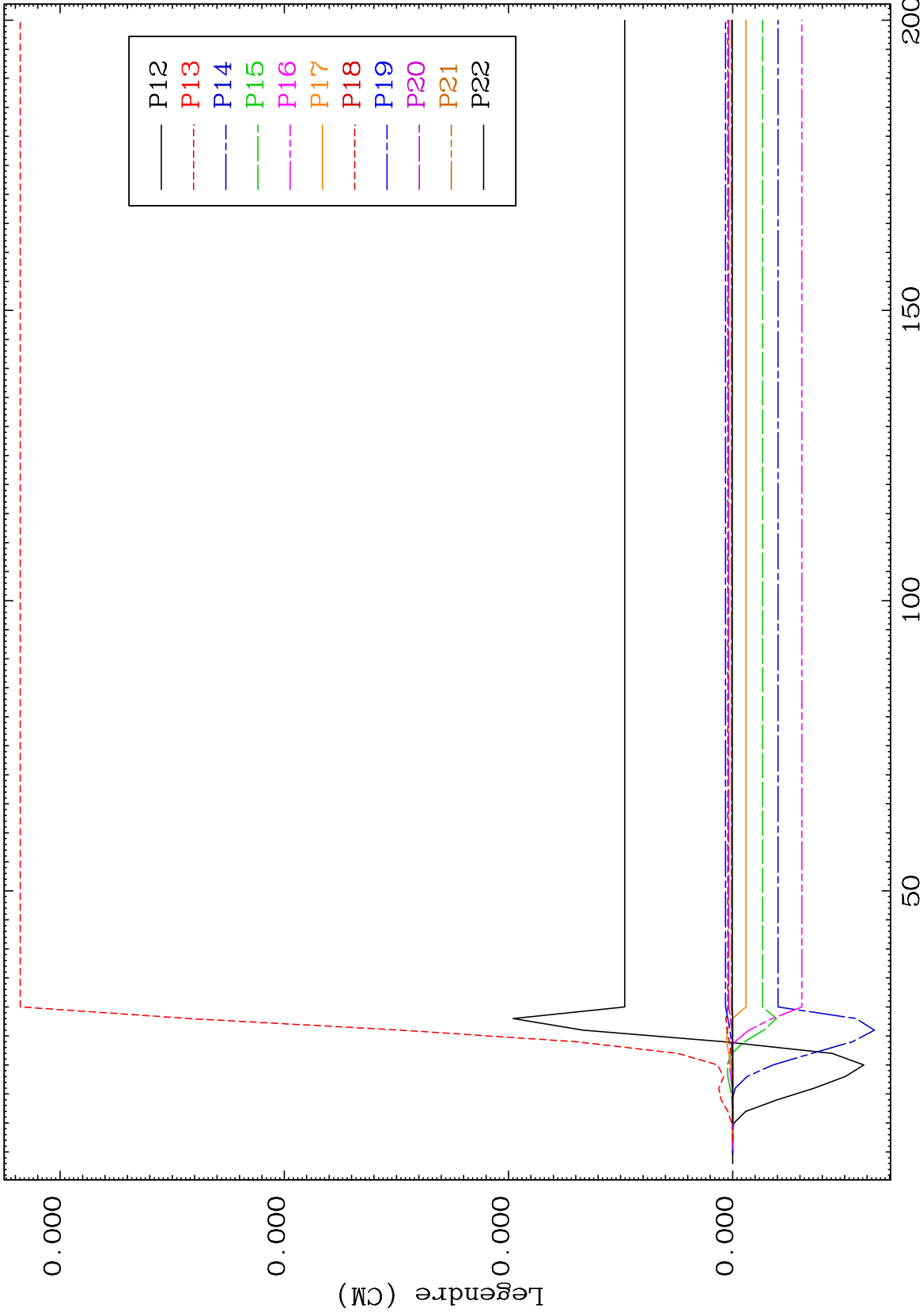
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



66

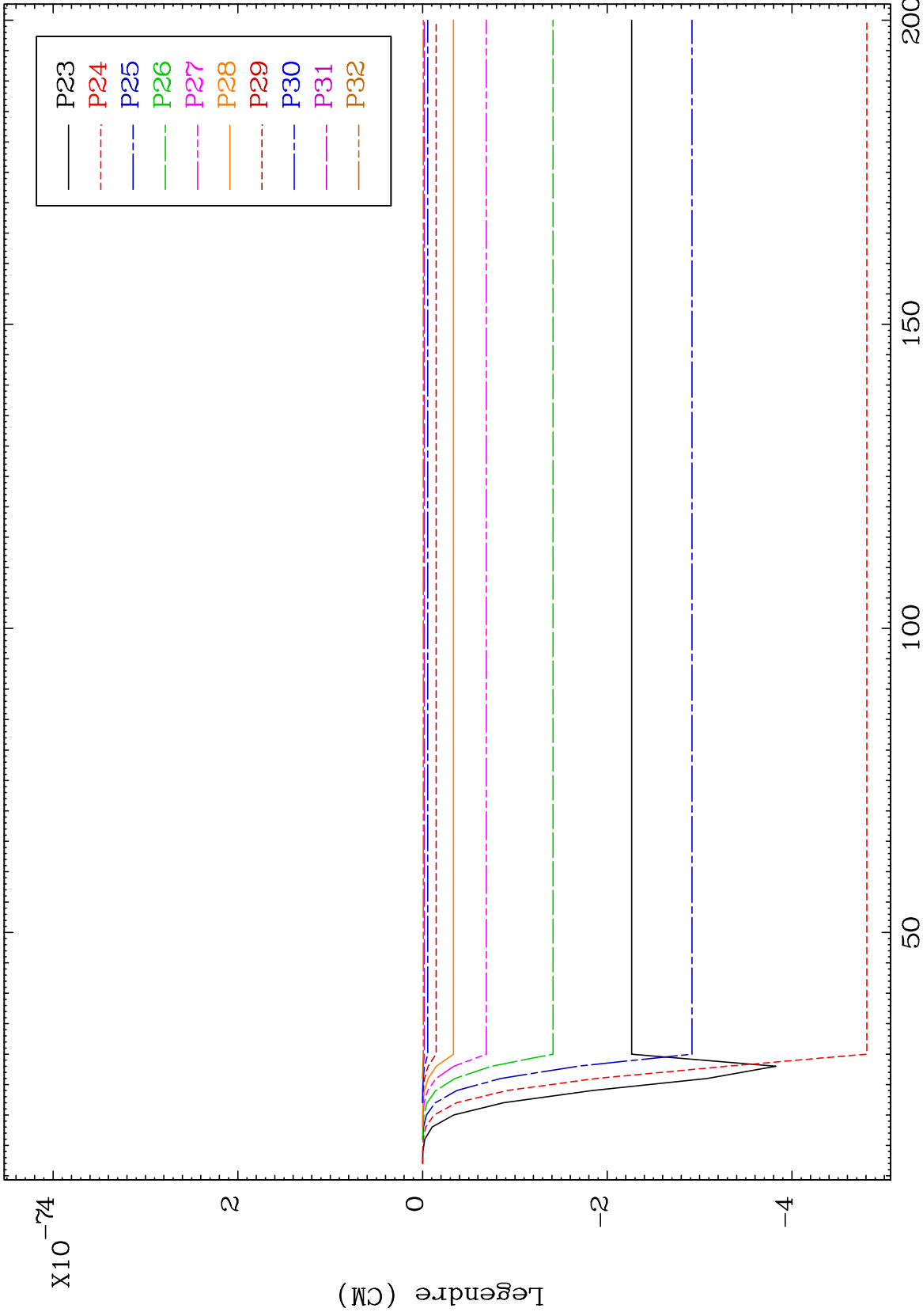
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



67

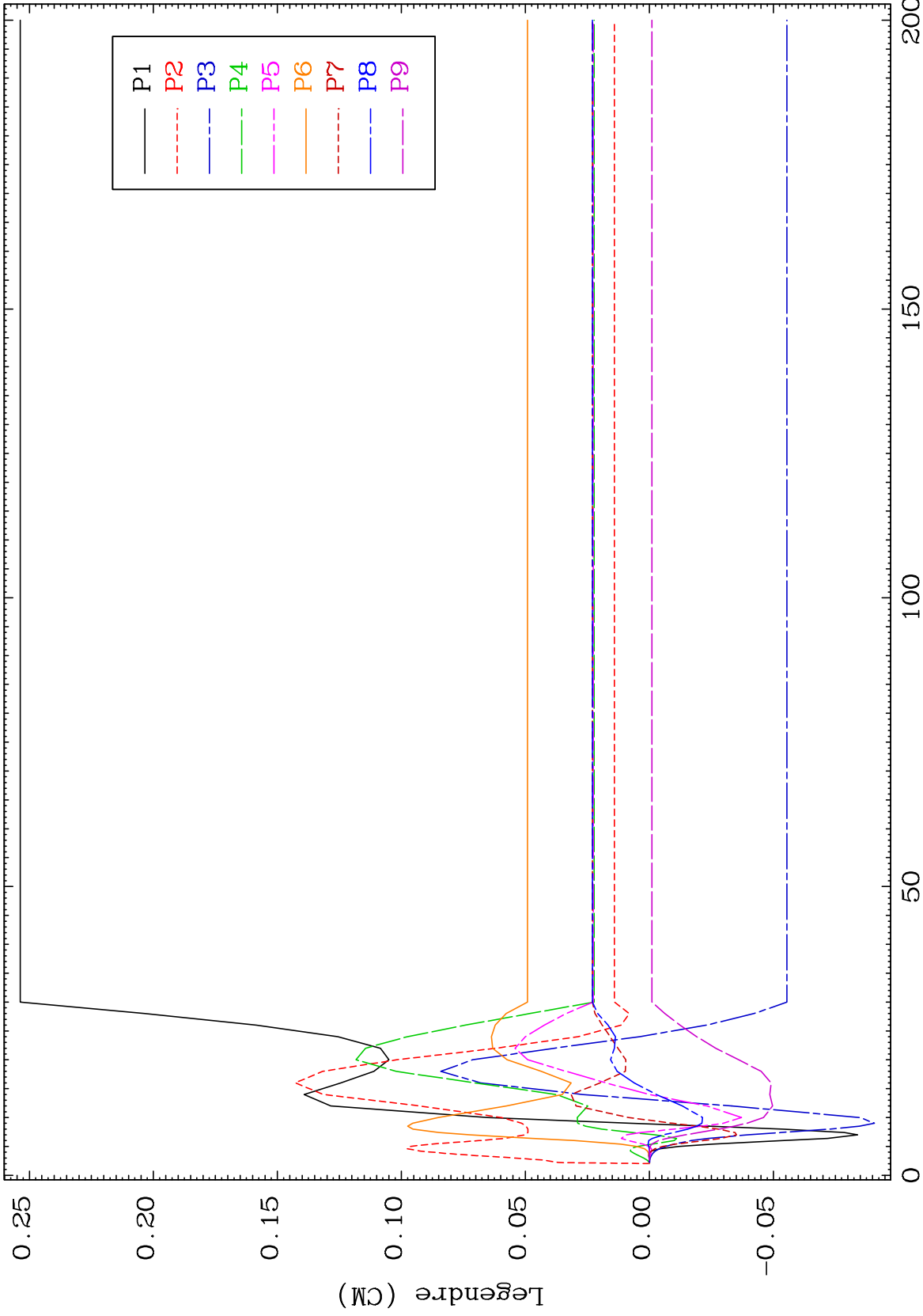
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



68

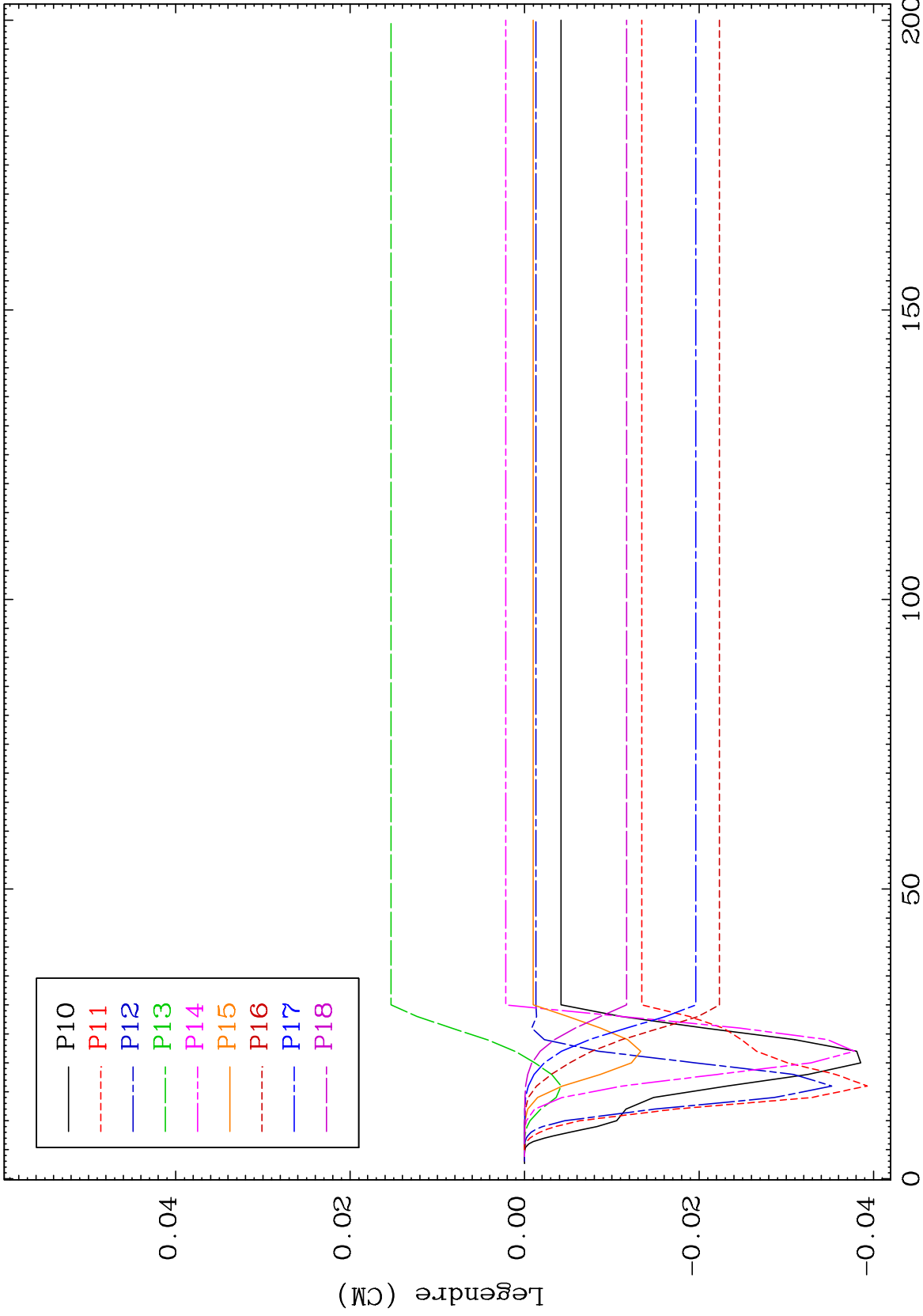
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104

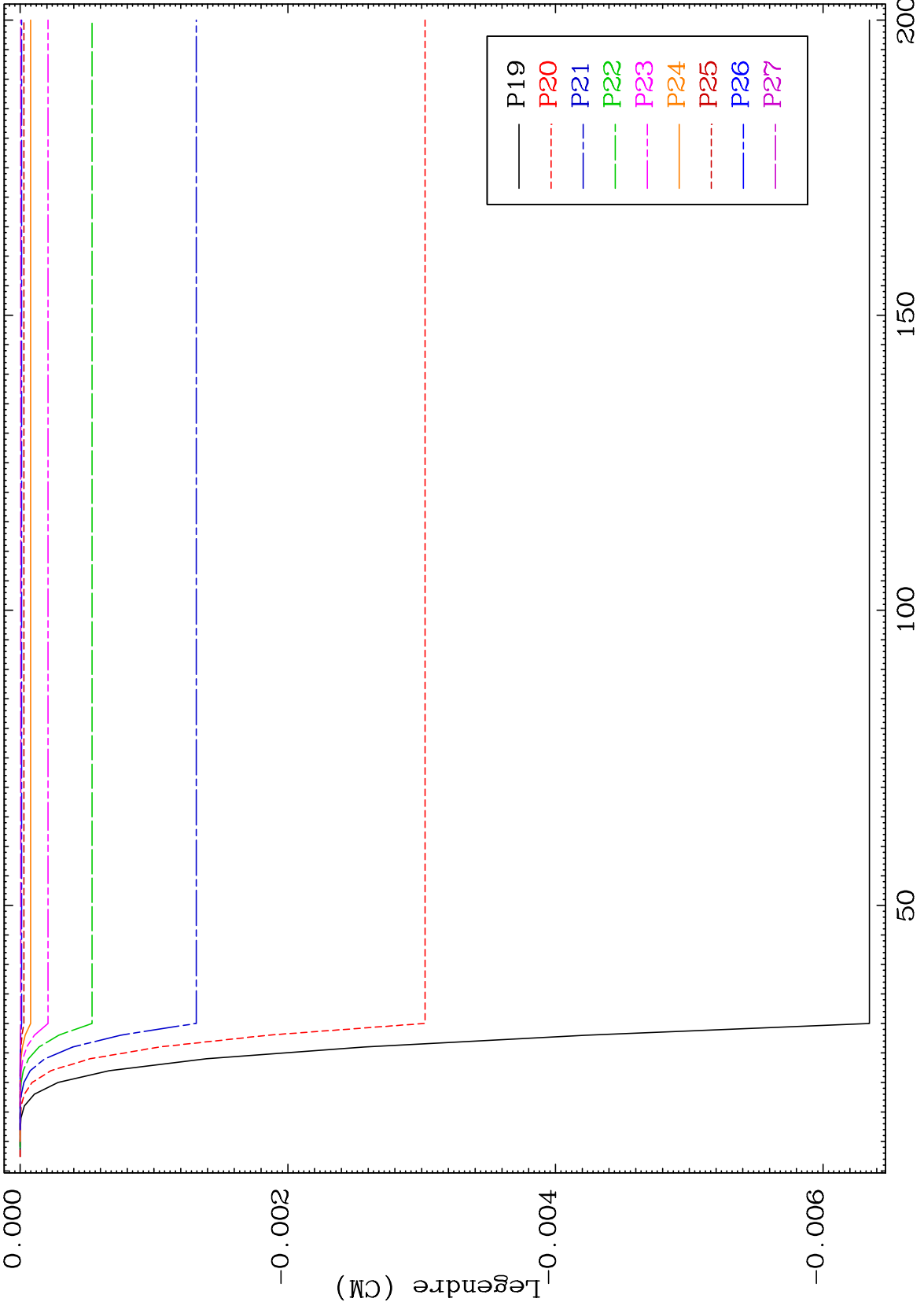


69

Incident Energy (MeV)

44-Ru-104

MAT 4449 MT= 64 (n,n') Level Legendre Coefficients 44-Ru-104

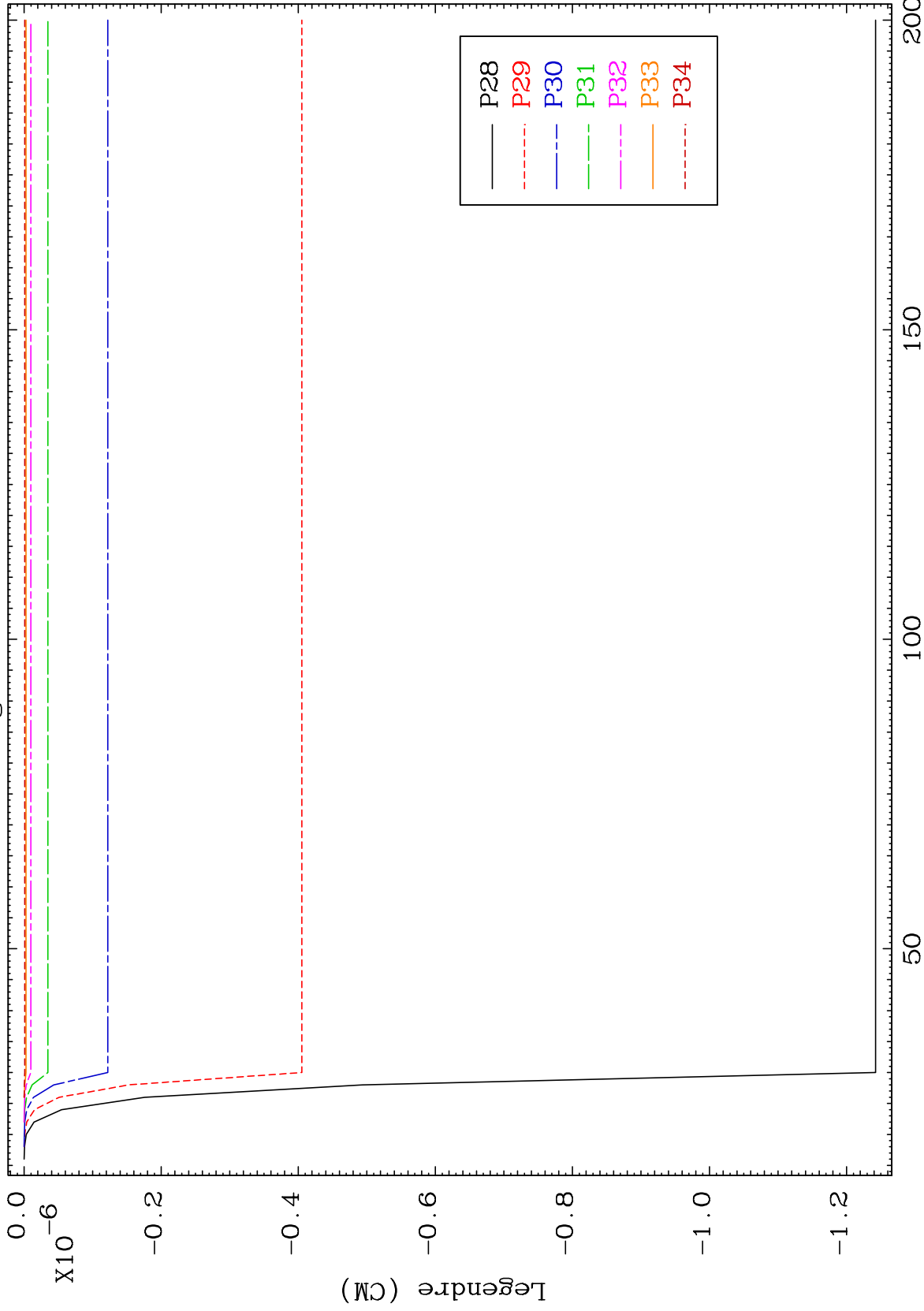


70 Incident Energy (MeV) 44-Ru-104

MAT 4449

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

44-Ru-104



44-Ru-104

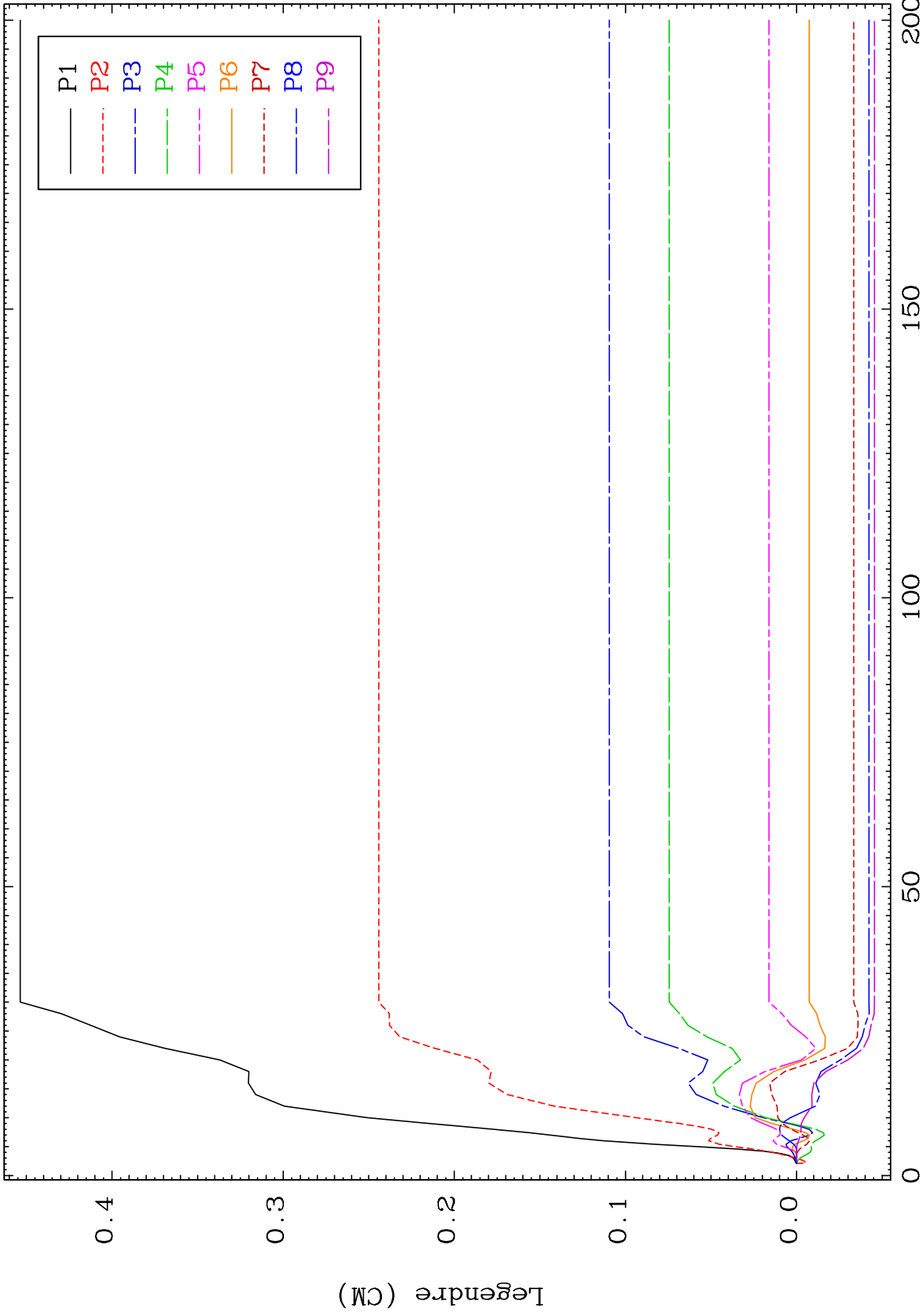
Incident Energy (MeV)

71

MAT 4449

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

44-Ru-104



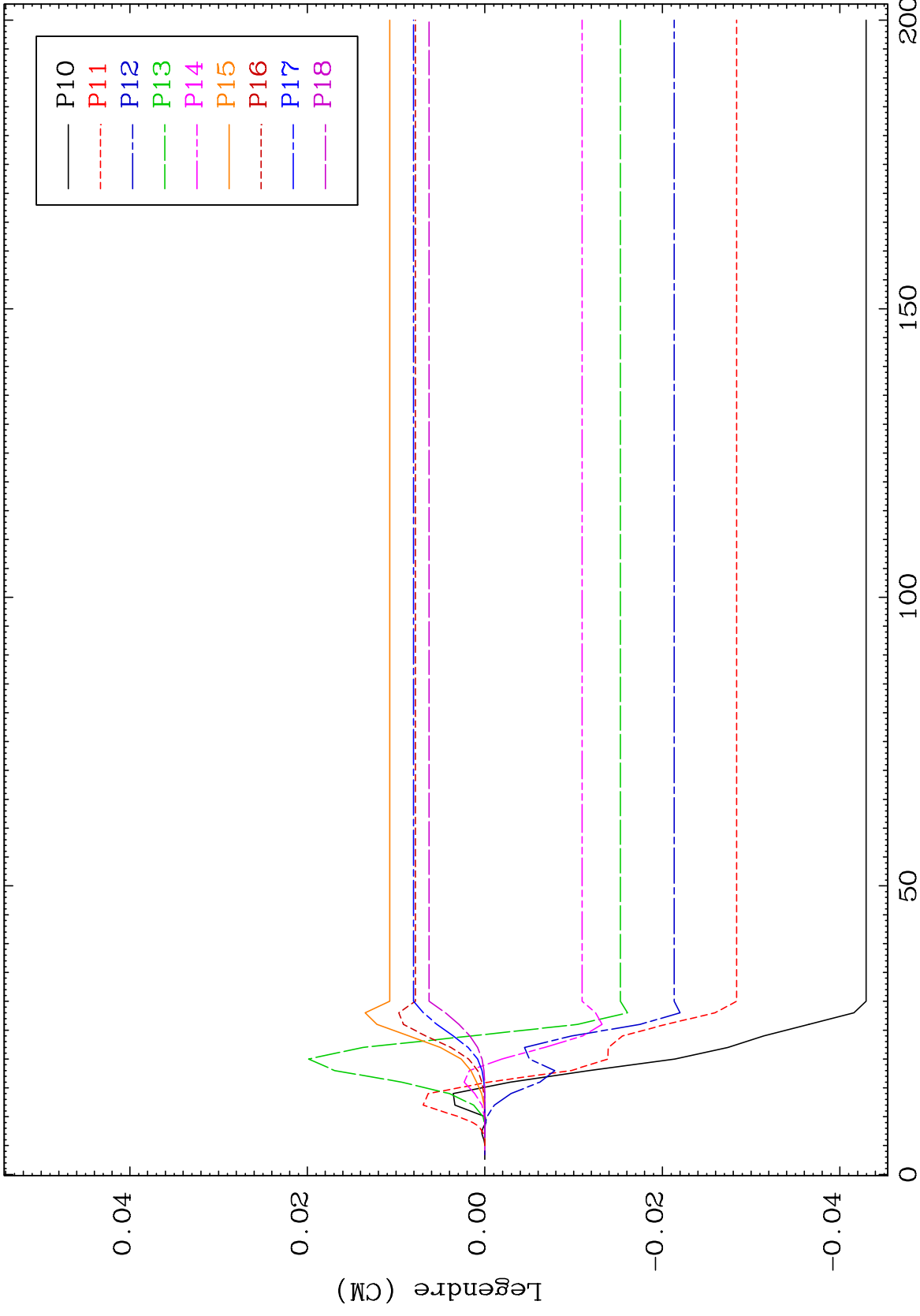
72

44-Ru-104

MAT 4449

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

44-Ru-104



73

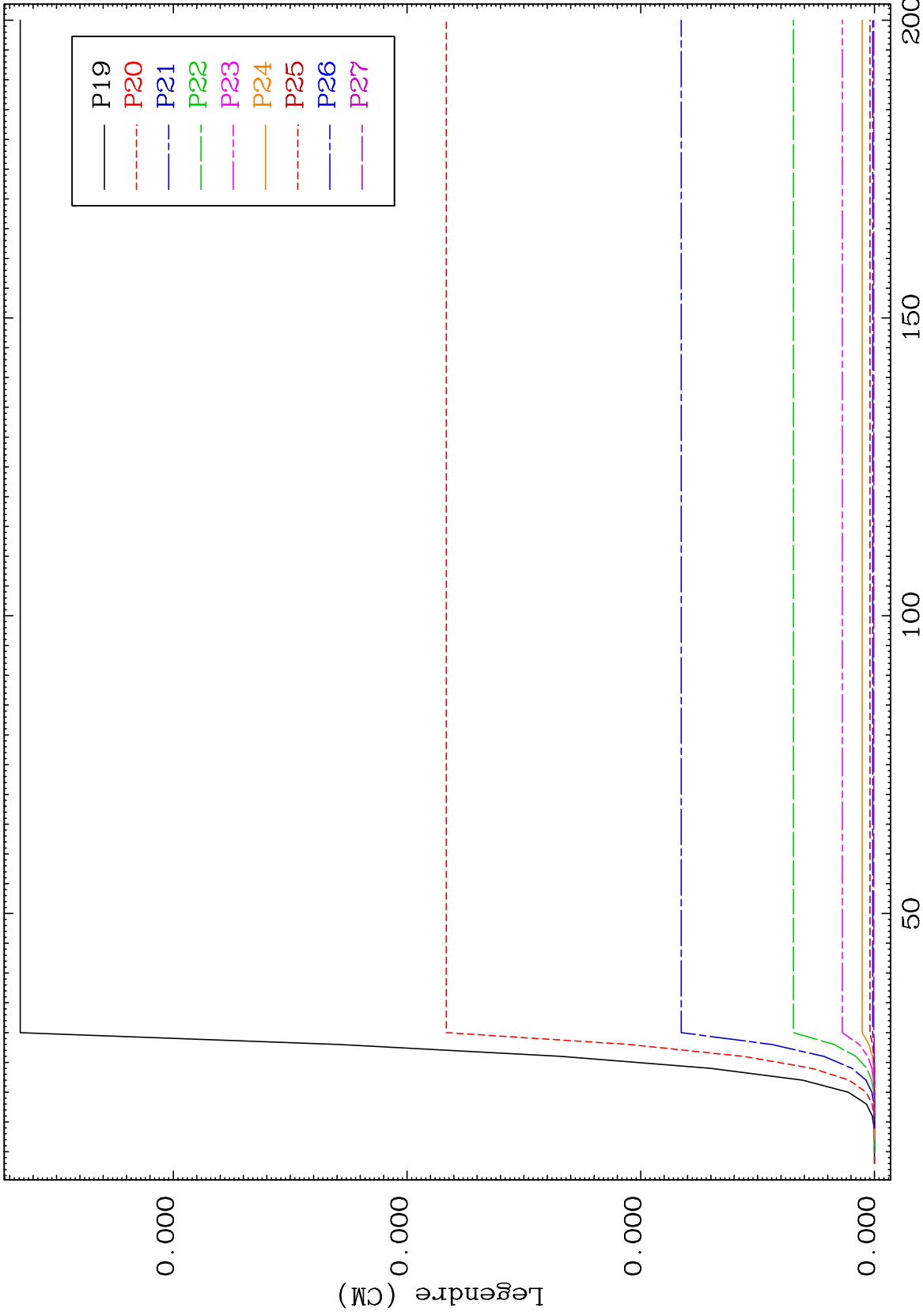
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



74

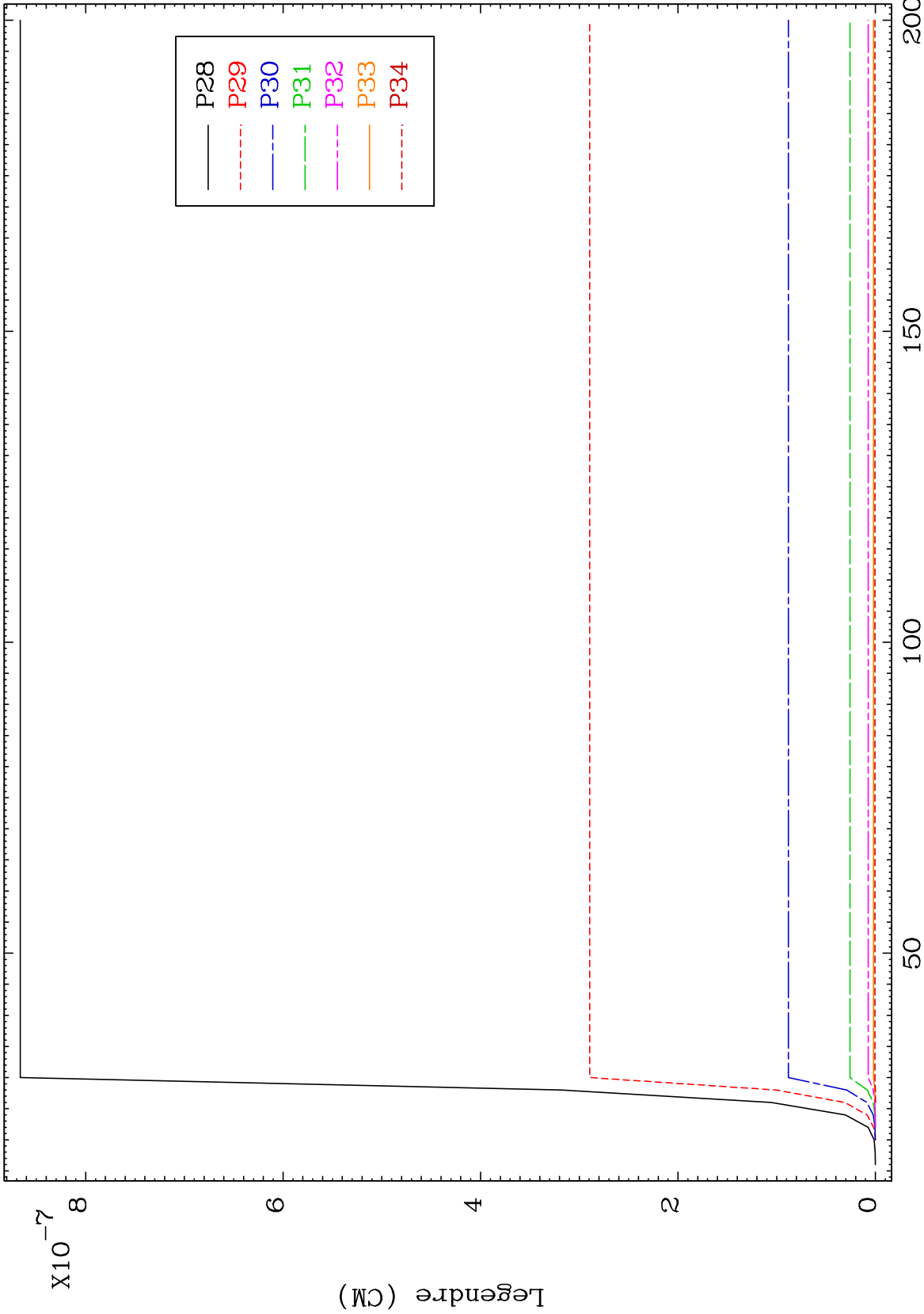
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



75

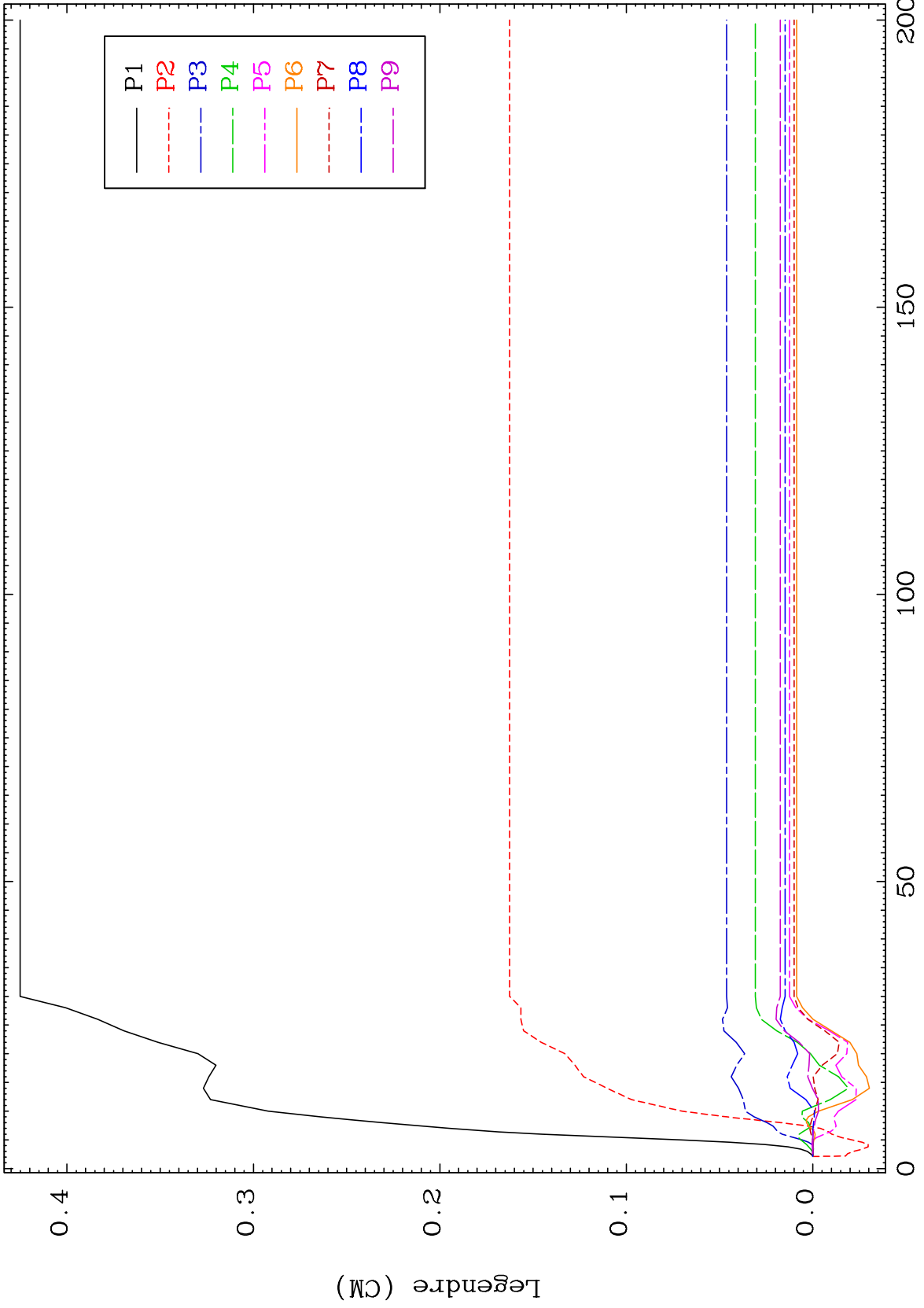
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



76

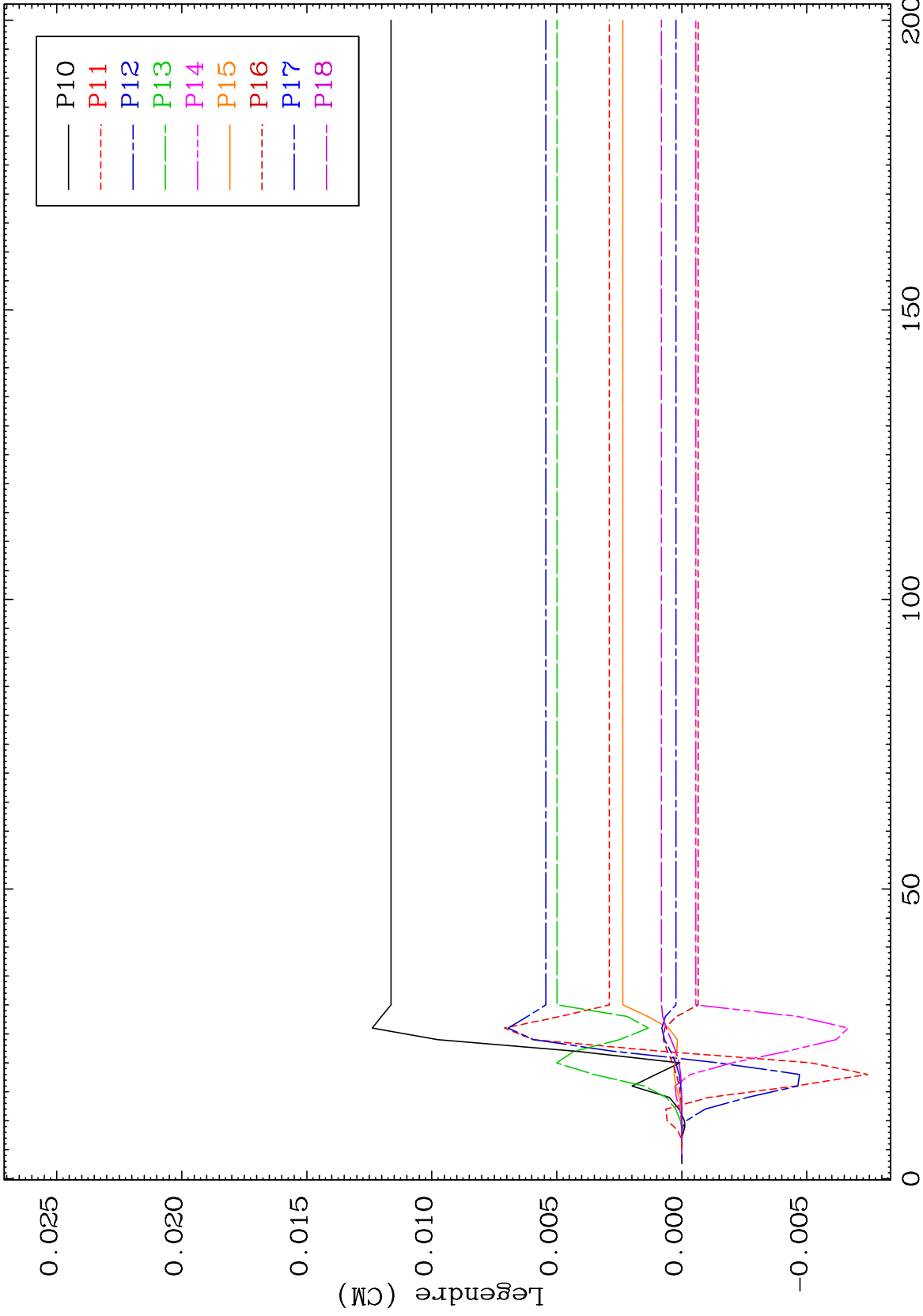
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



77

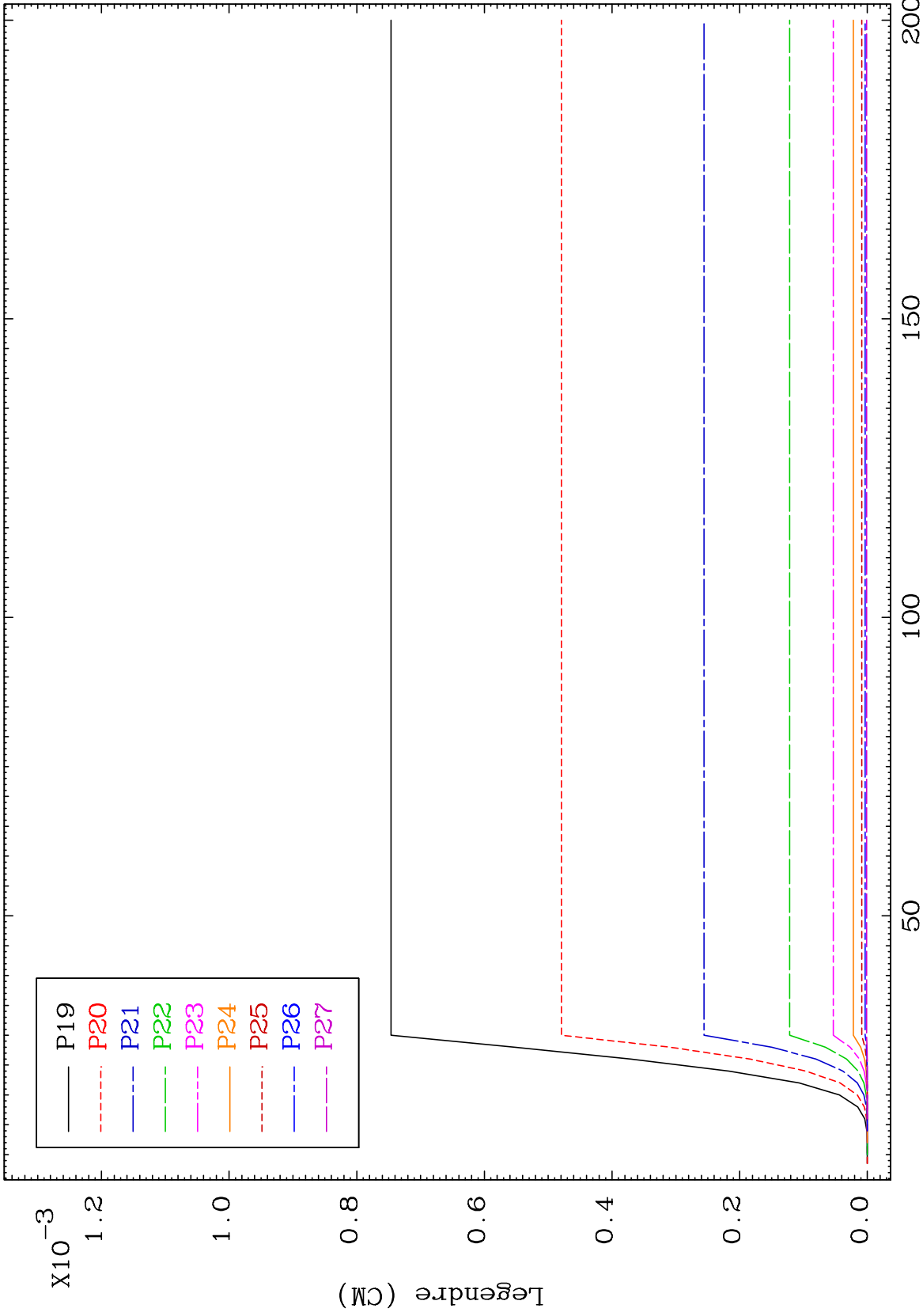
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



78

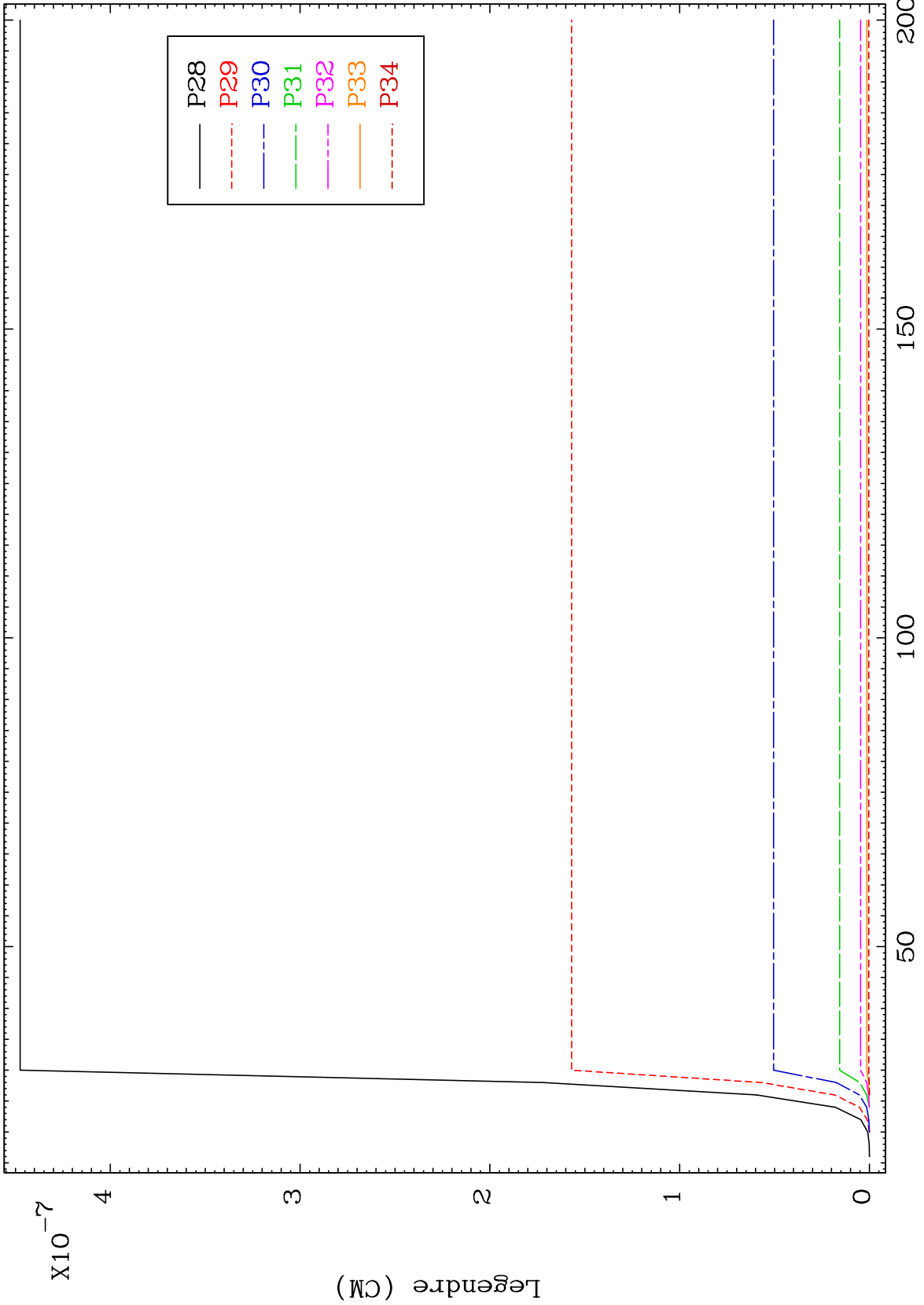
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



79

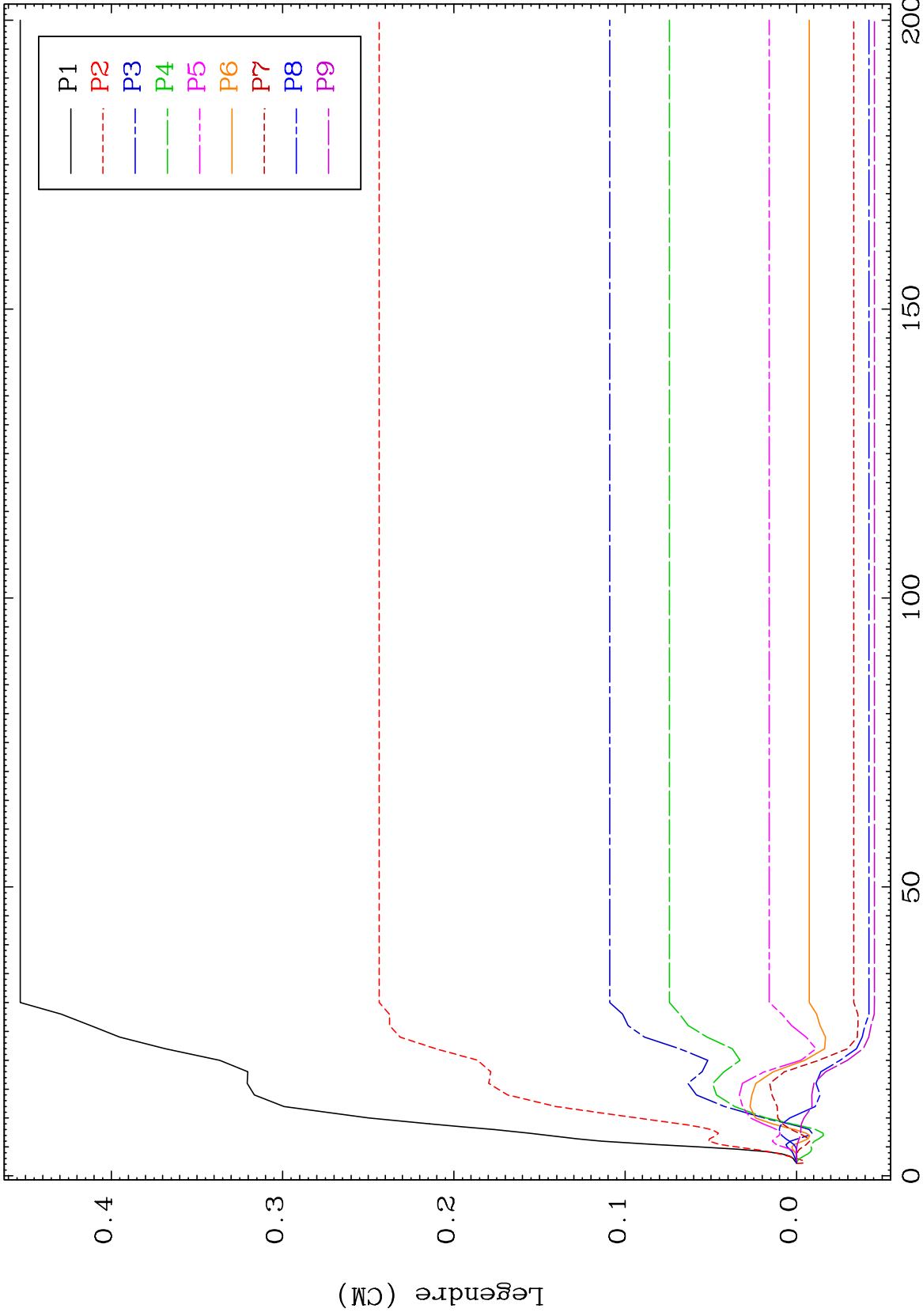
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



80

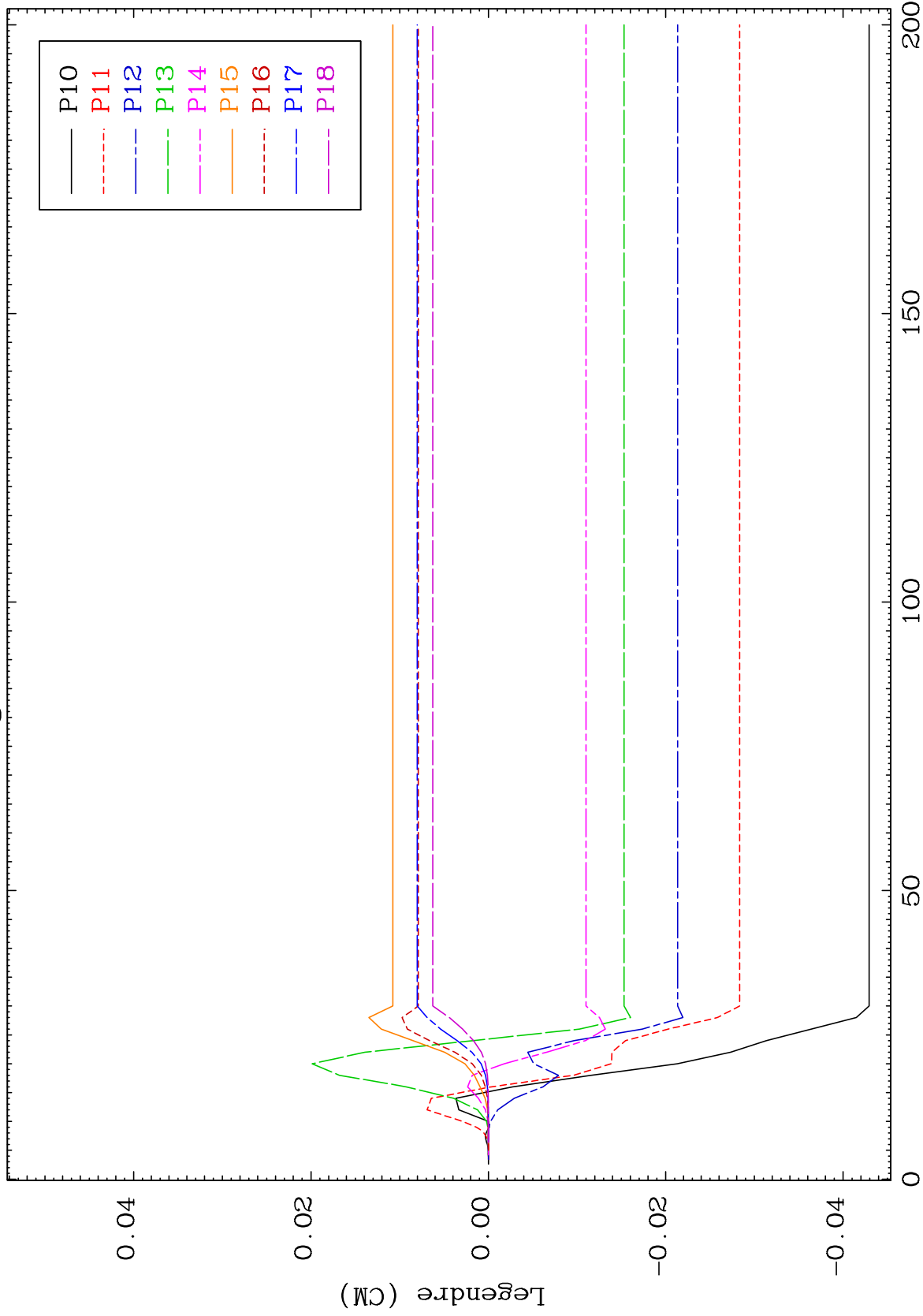
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



81

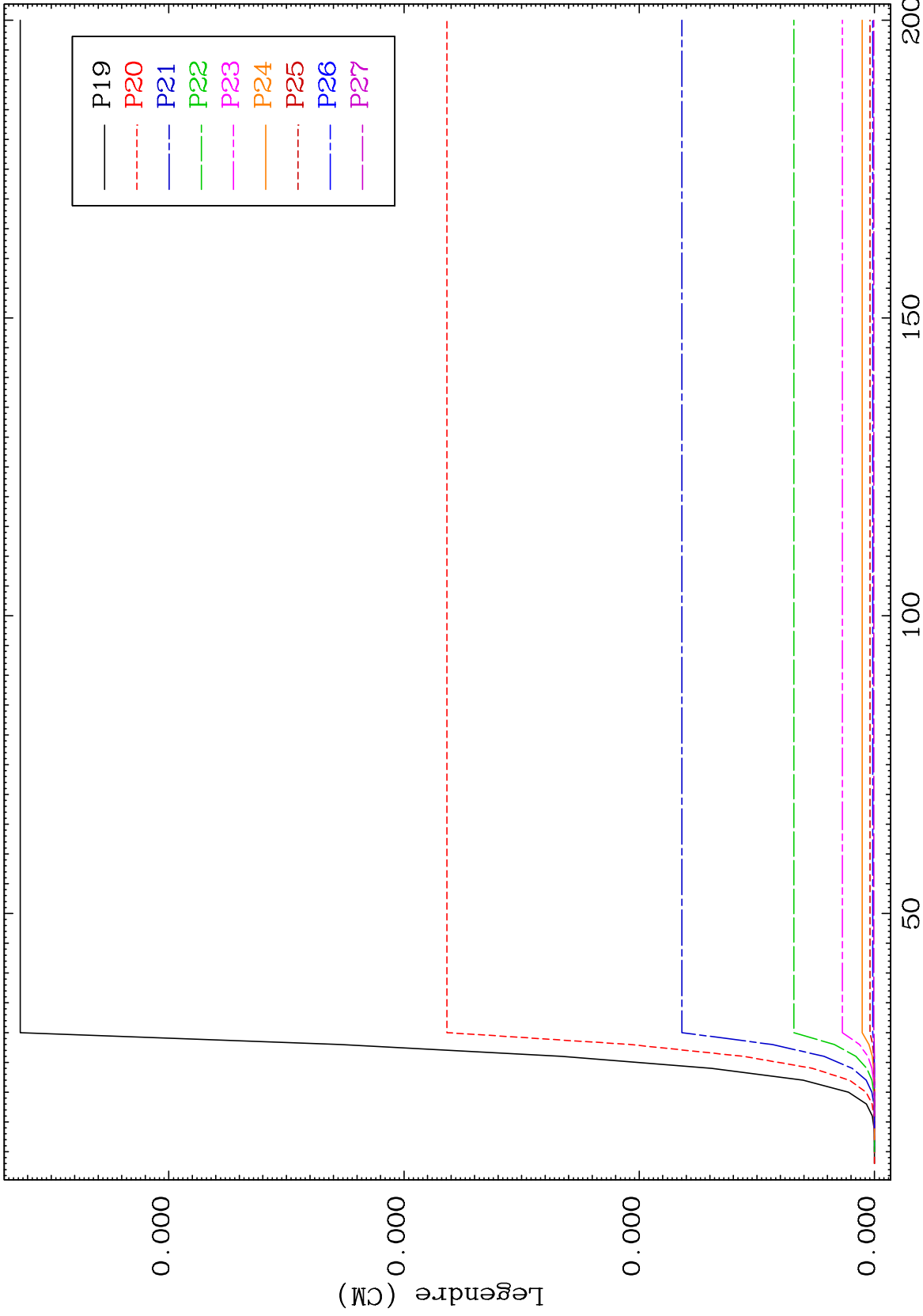
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



82

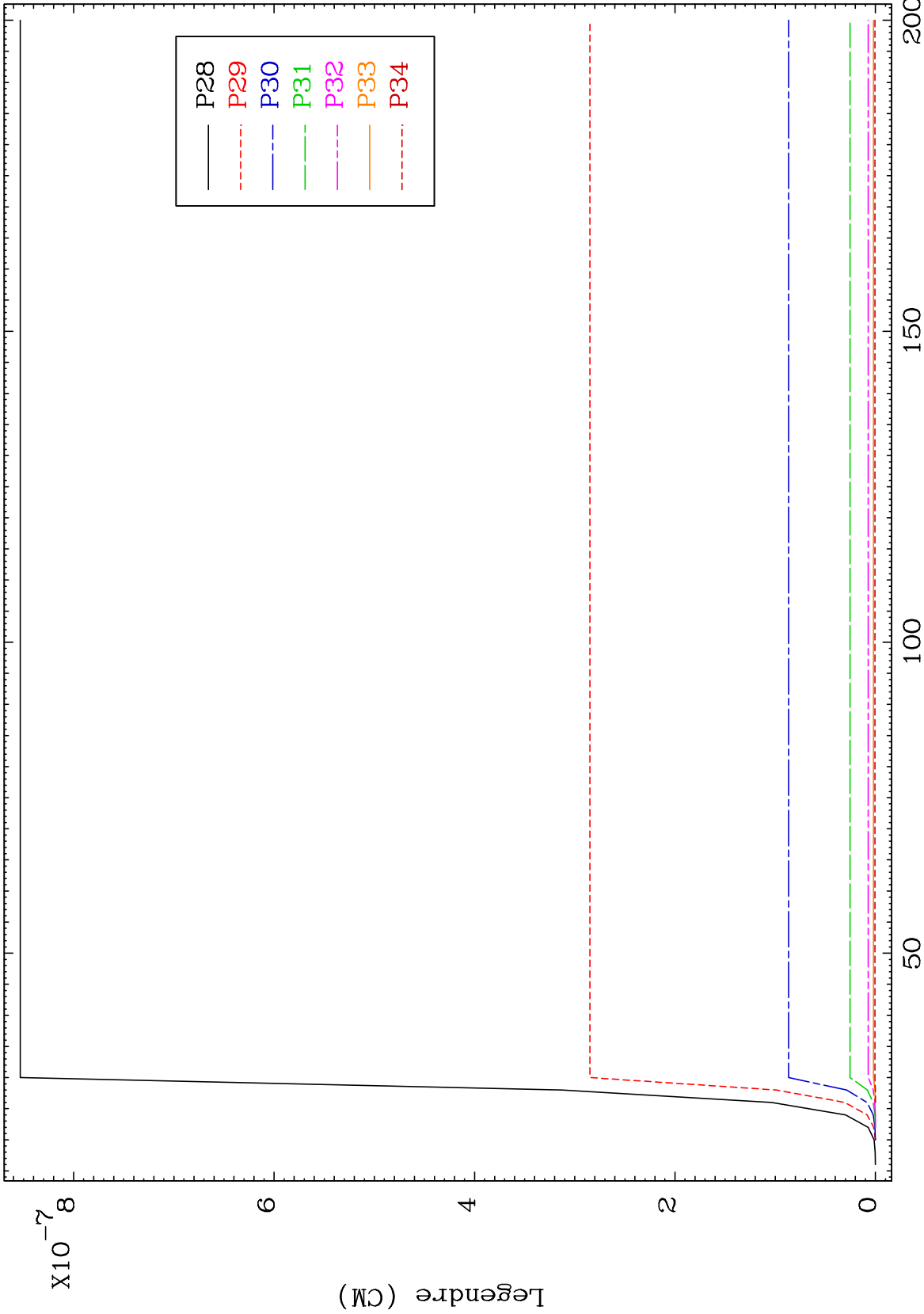
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



83

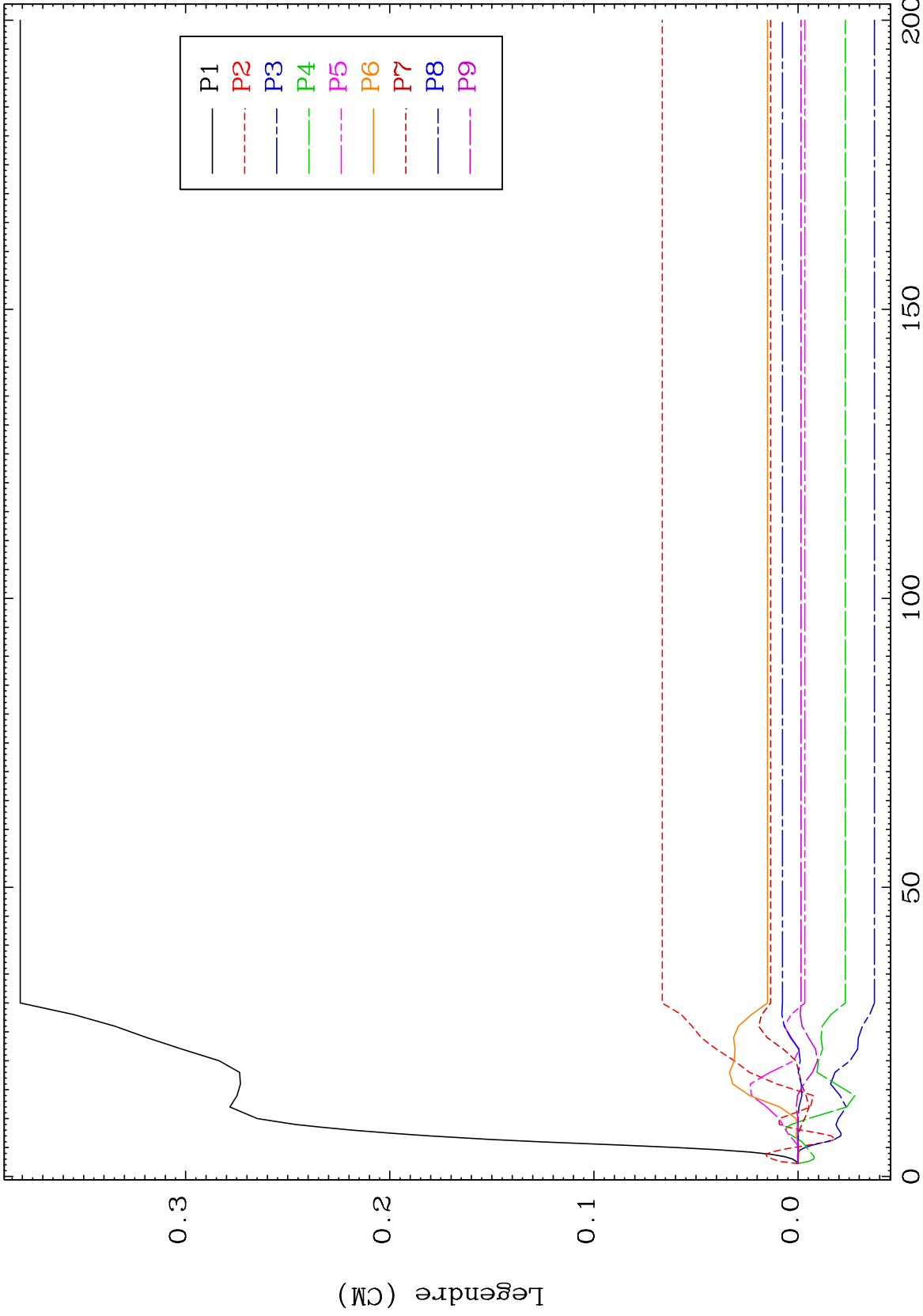
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



84

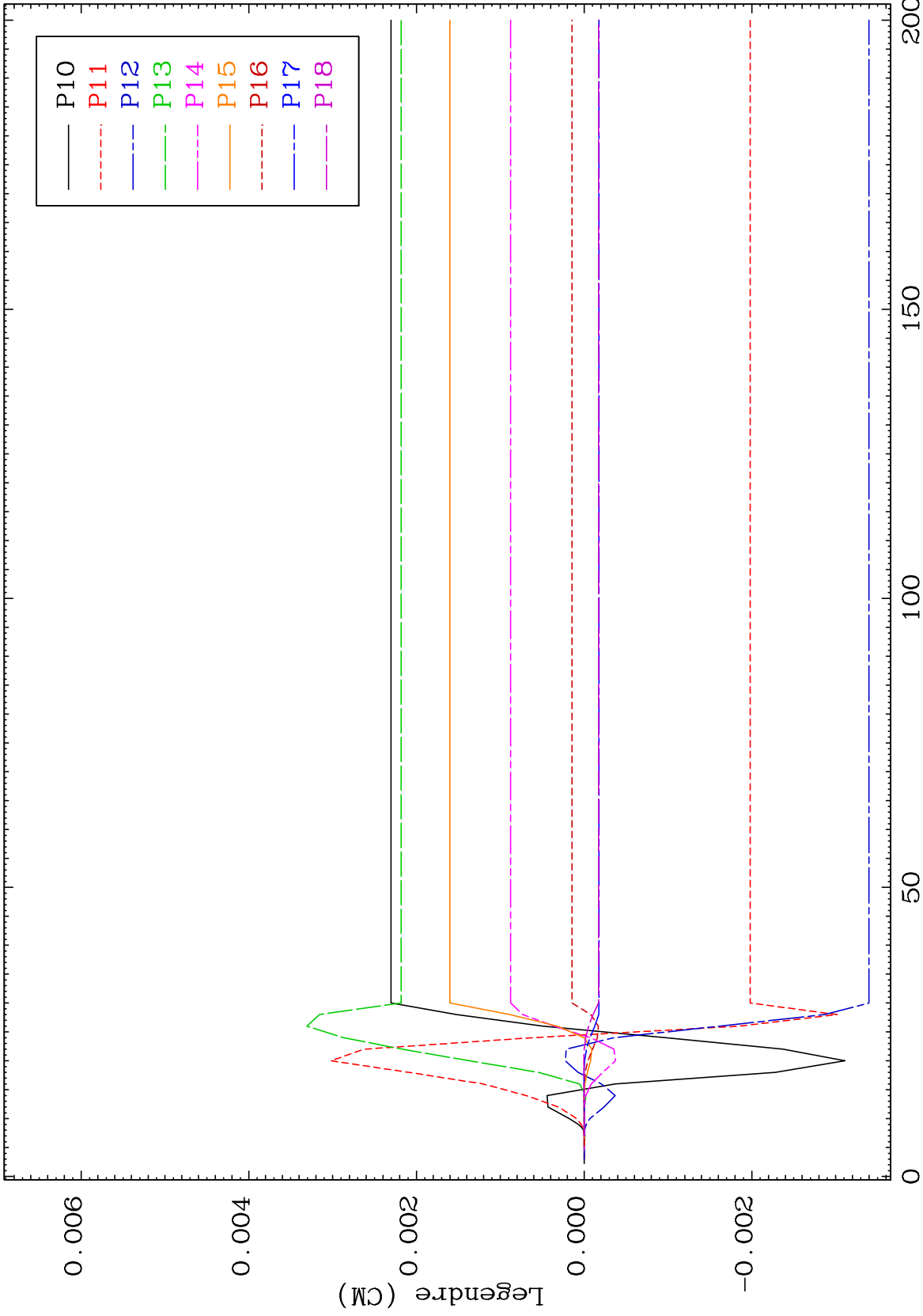
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



85

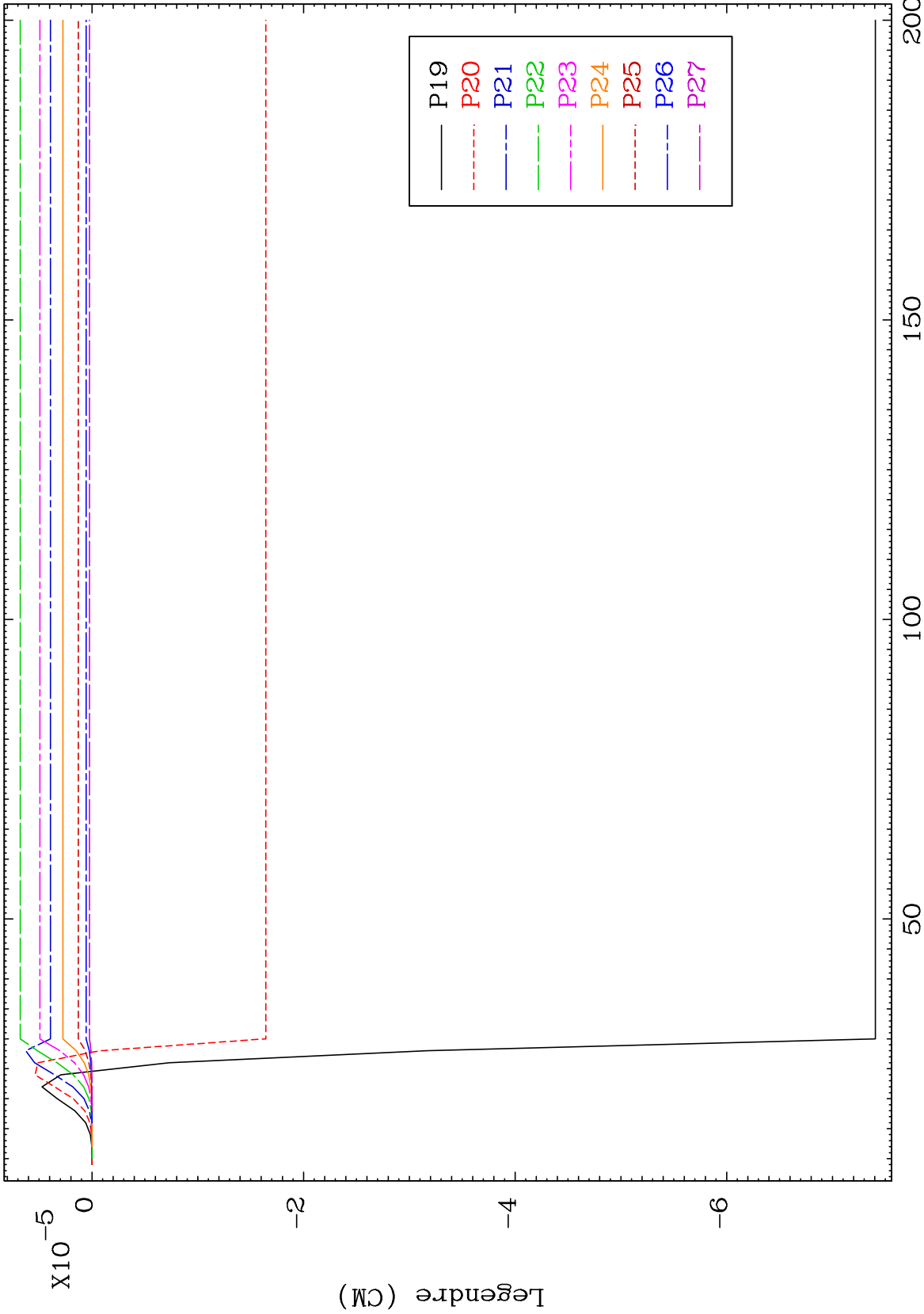
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



86

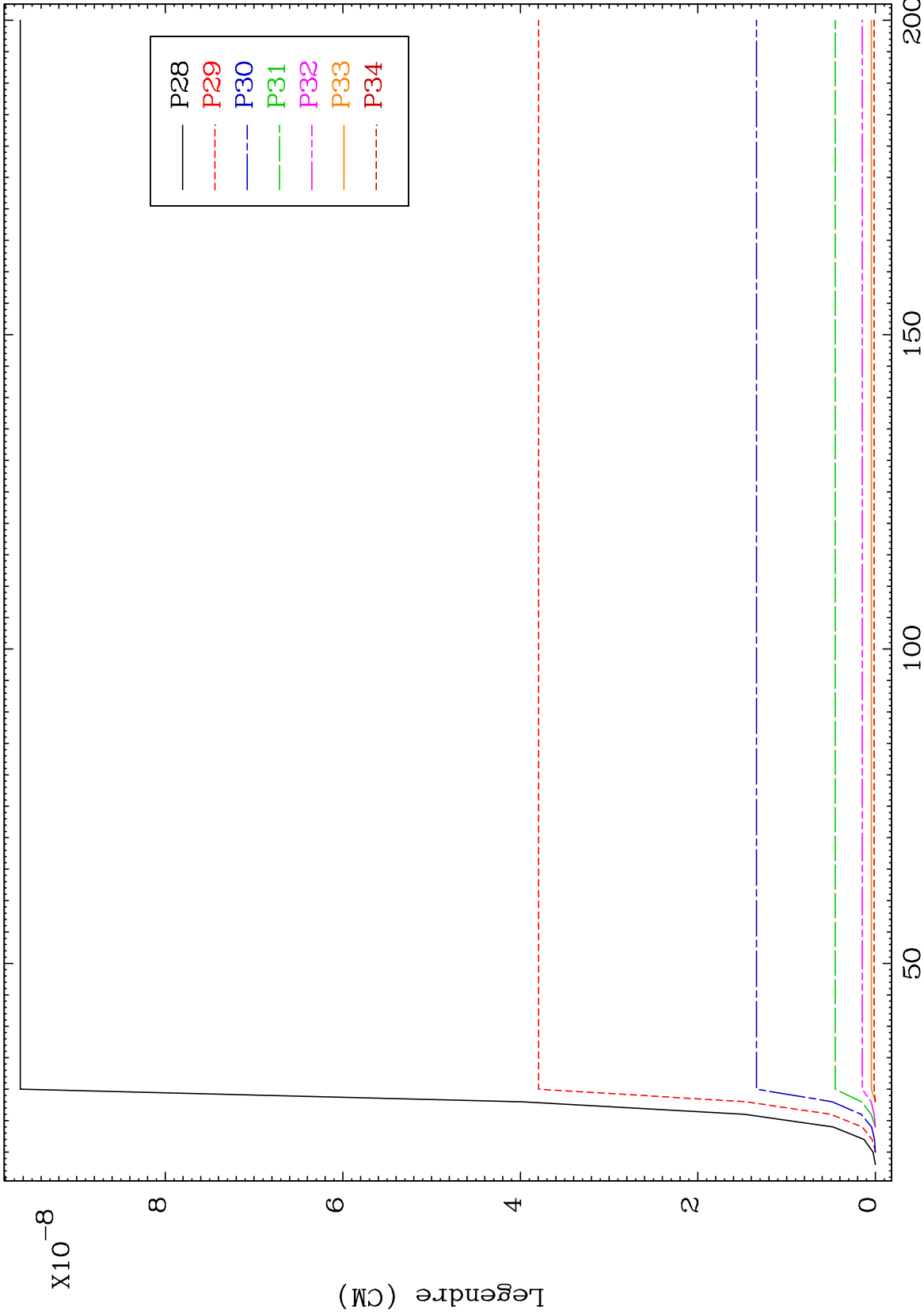
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



87

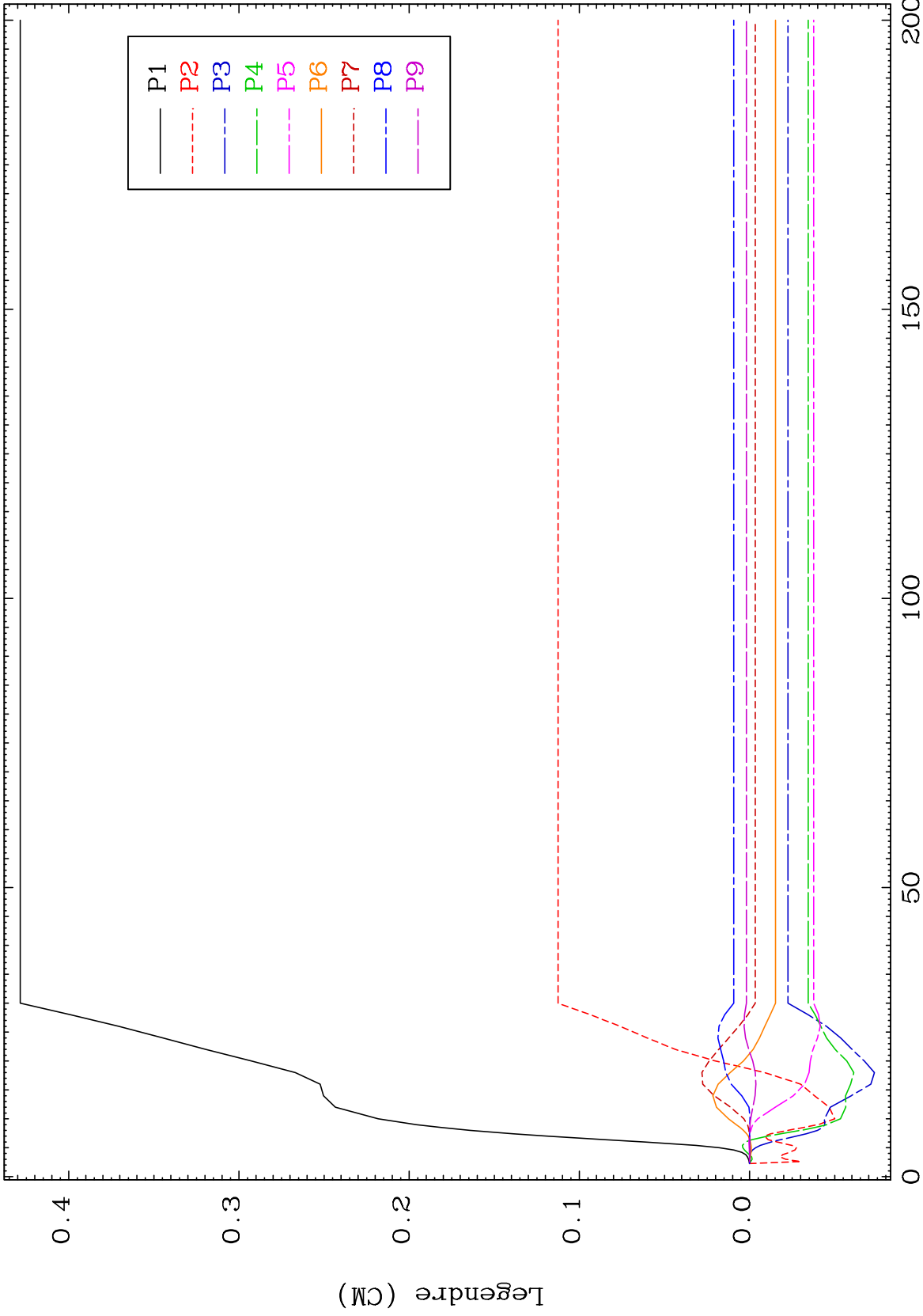
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



88

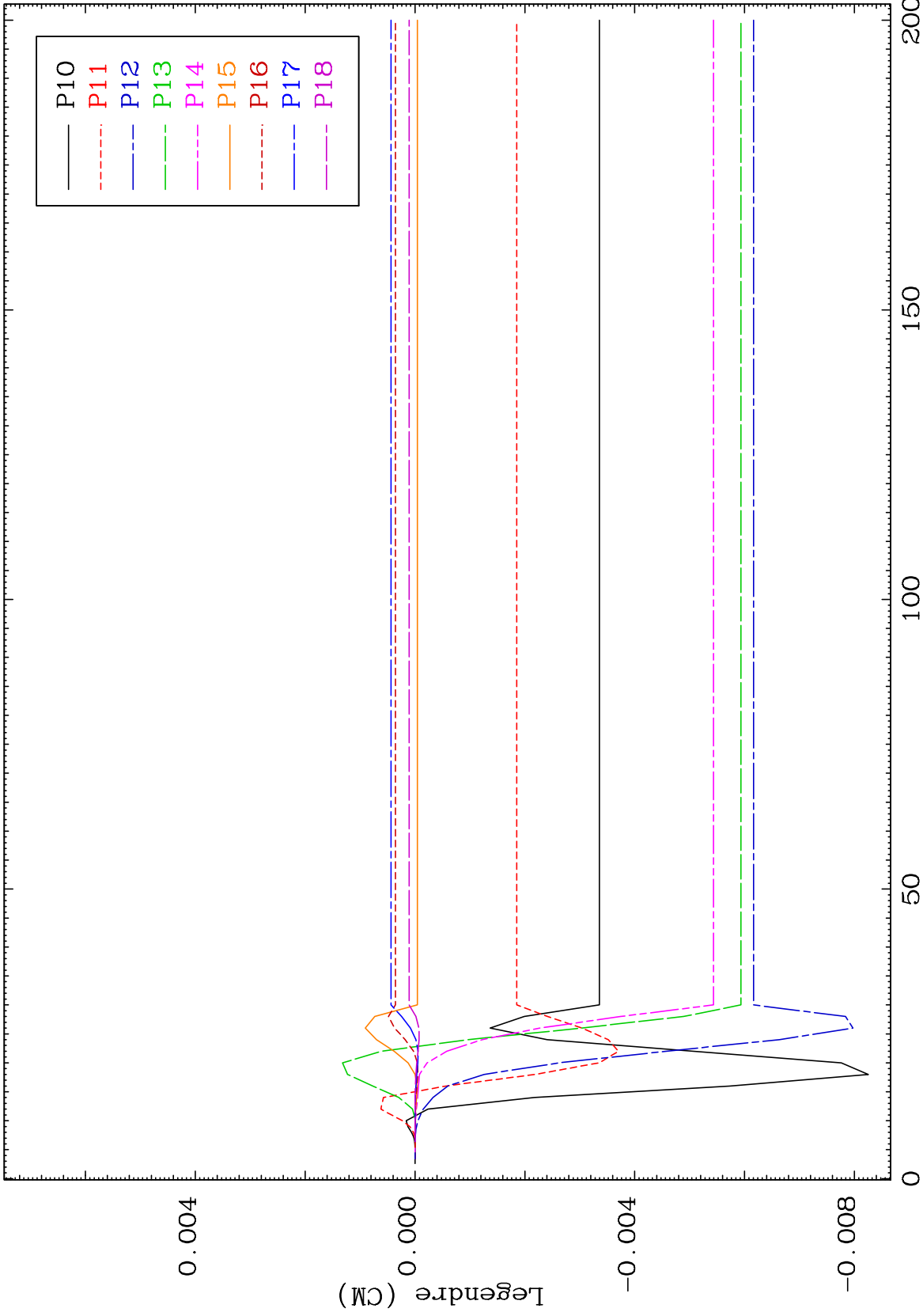
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



89

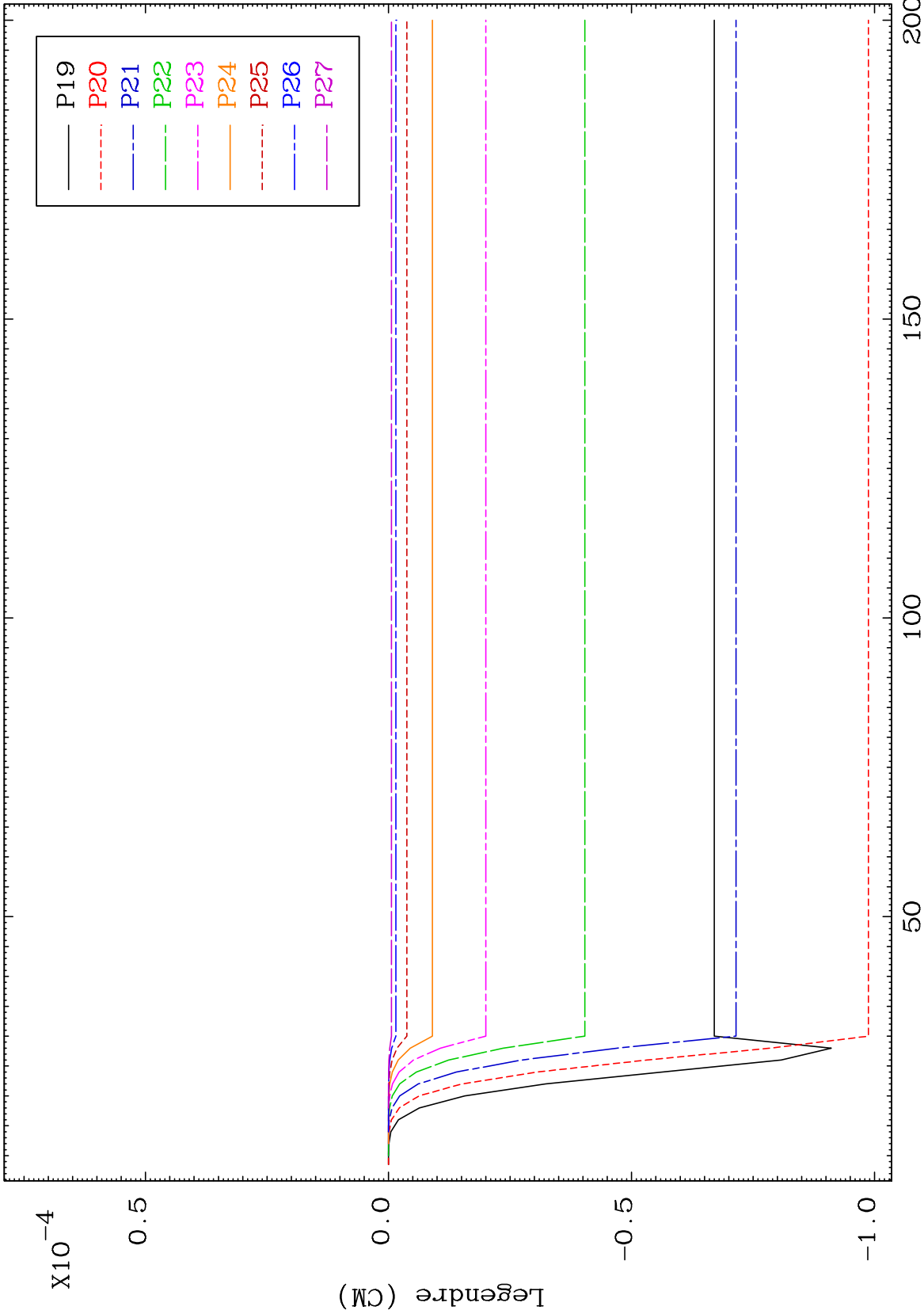
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



90

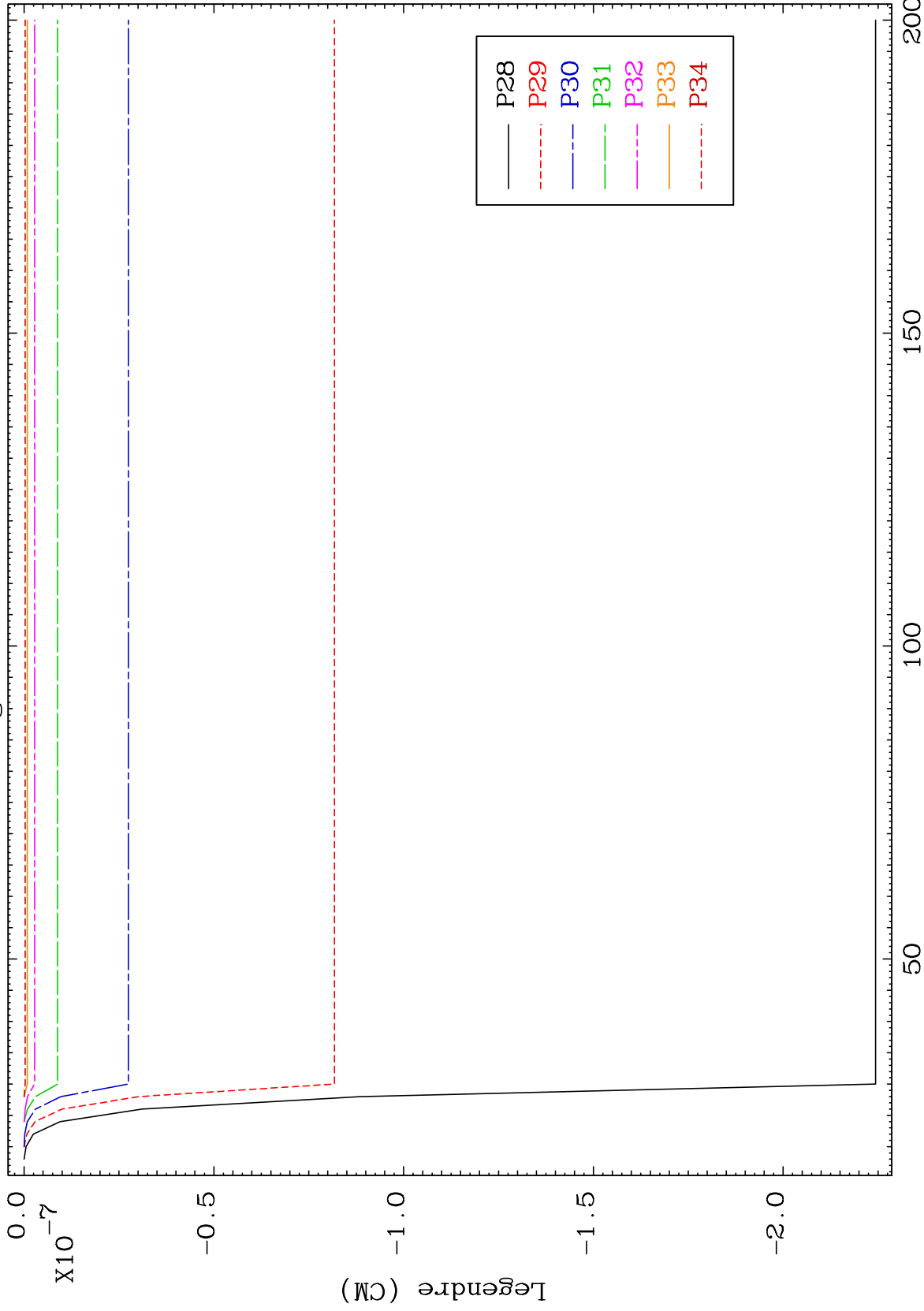
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



91

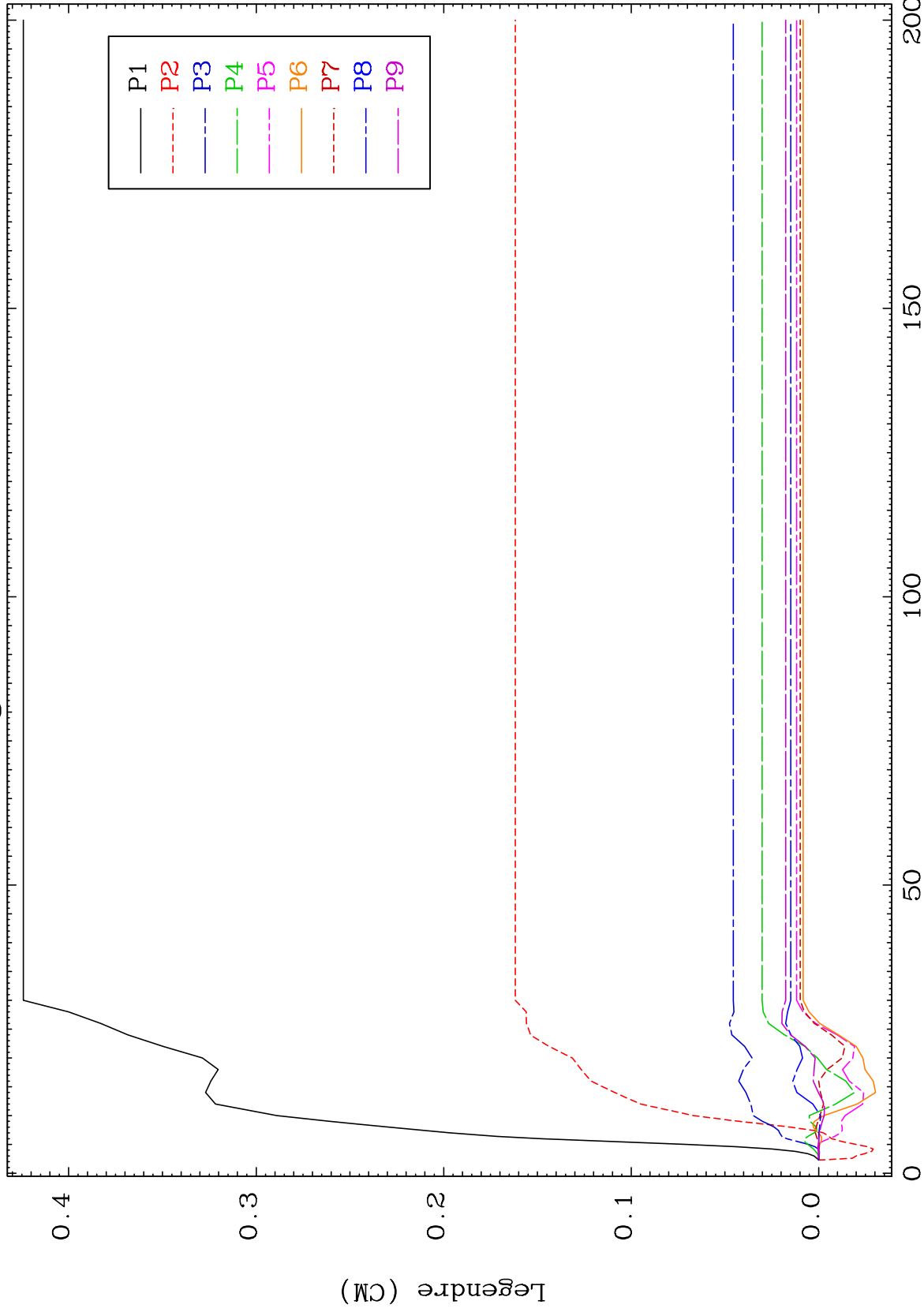
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



92

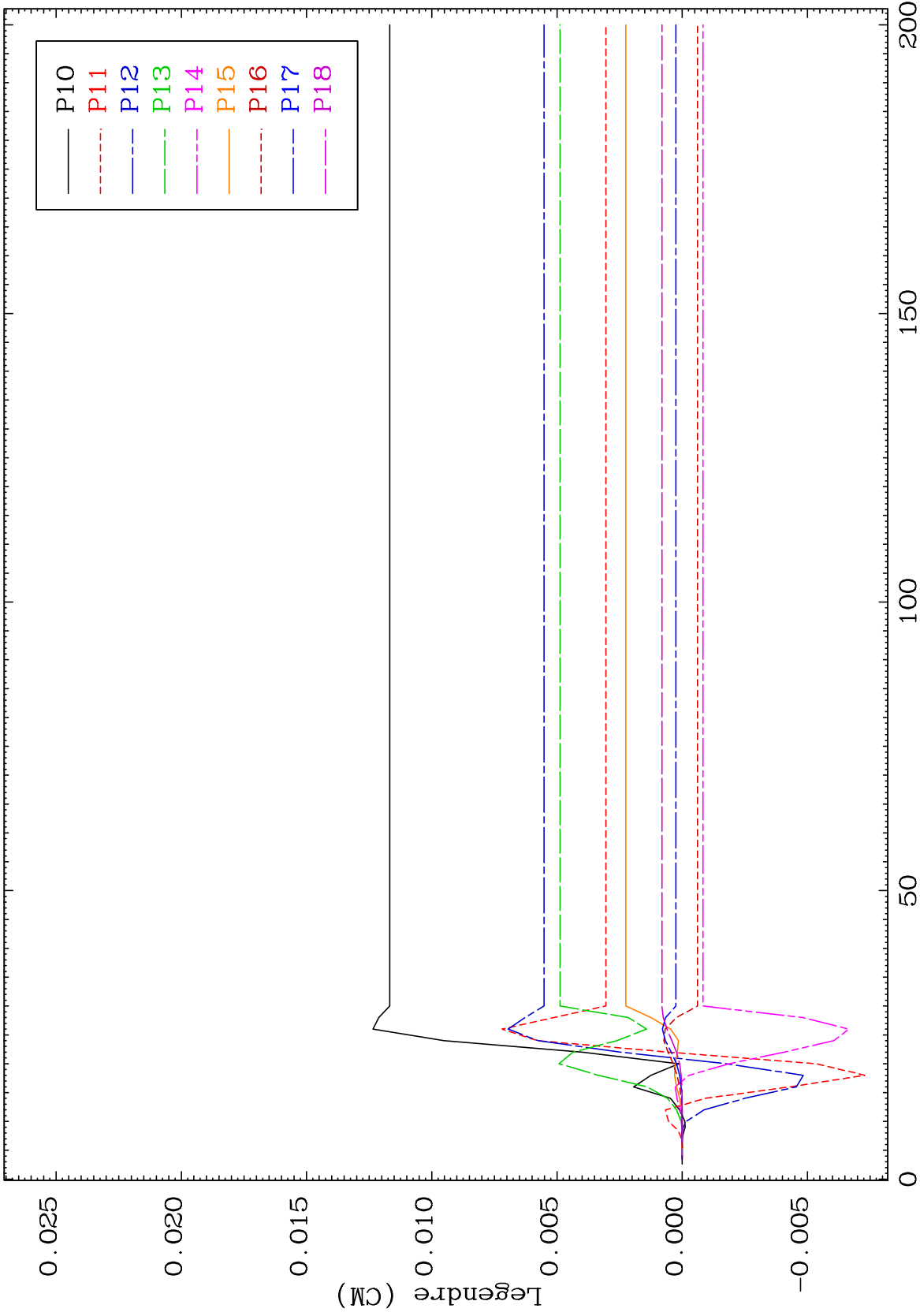
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



93

Incident Energy (MeV)

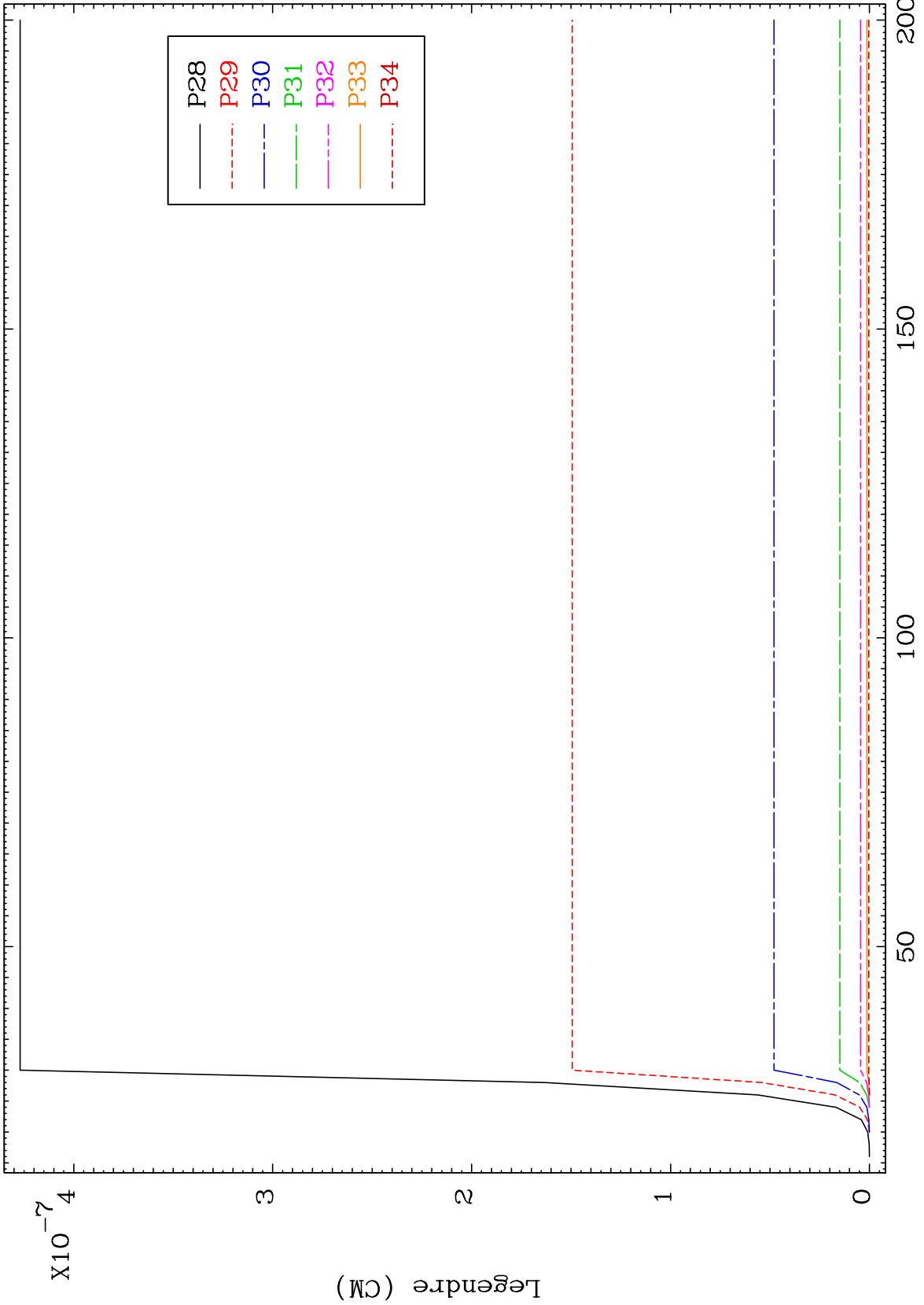
44-Ru-104



MAT 4449

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

44-Ru-104



95

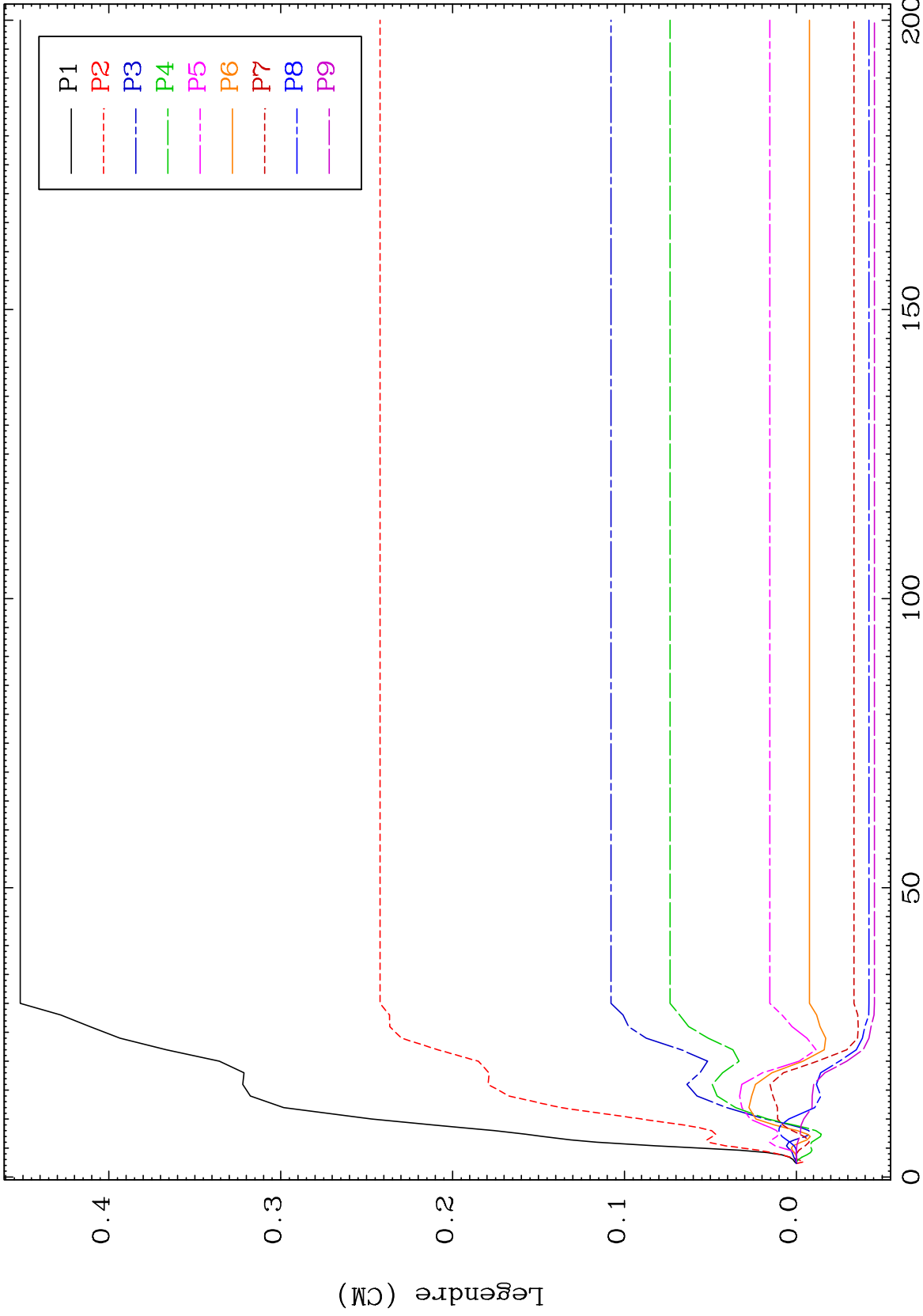
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



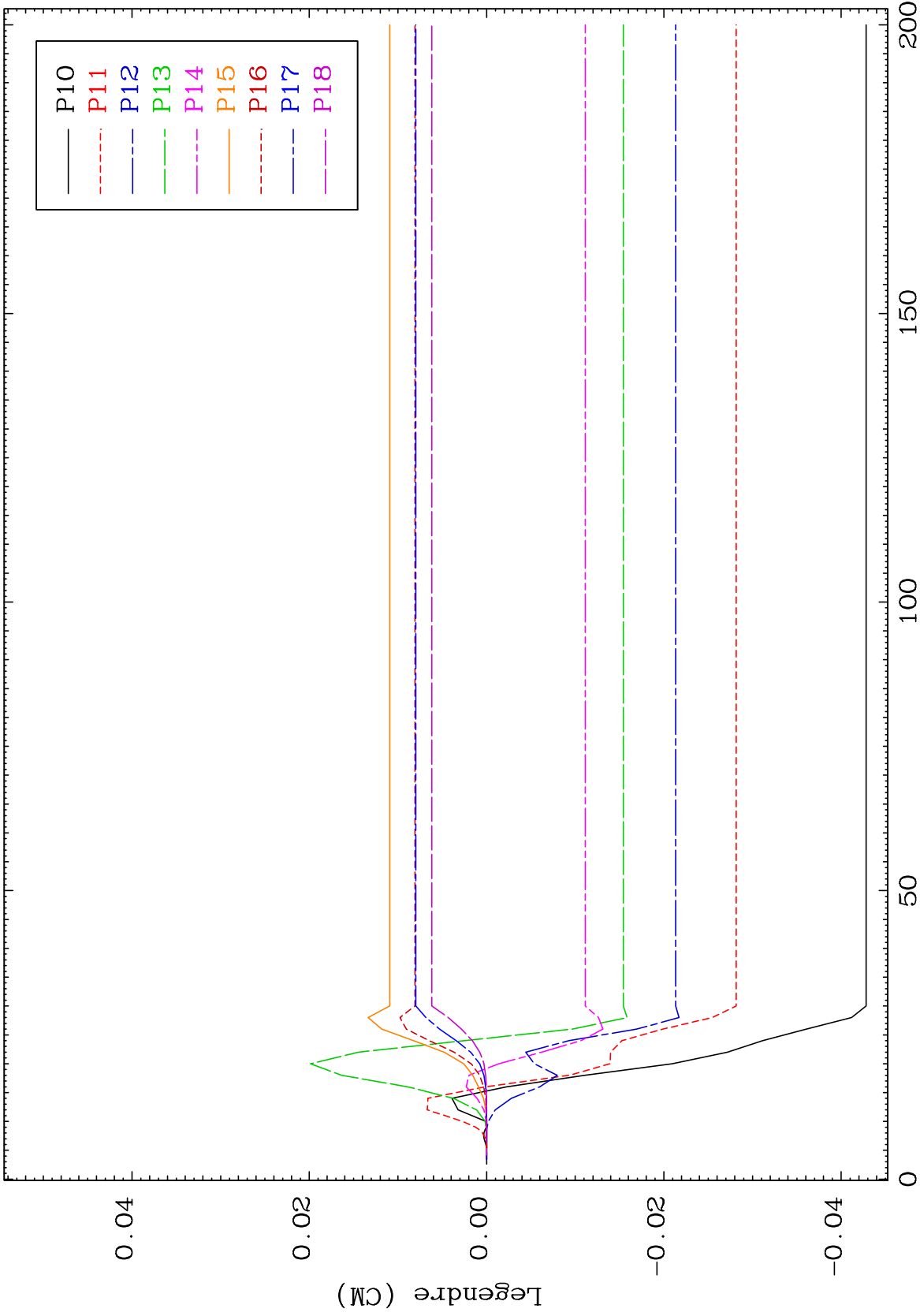
96

44-Ru-104

MAT 4449

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

44-Ru-104



97

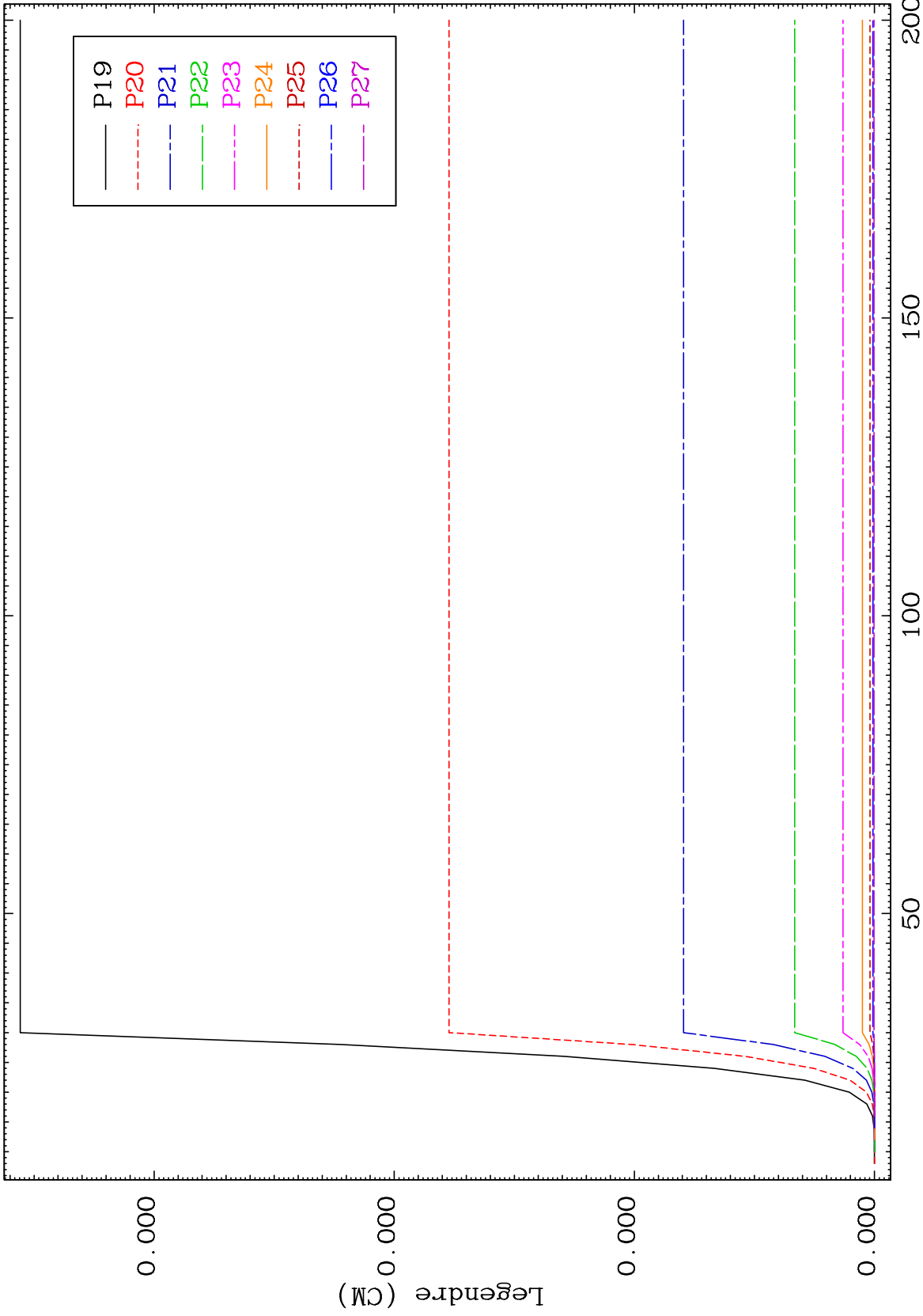
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



98

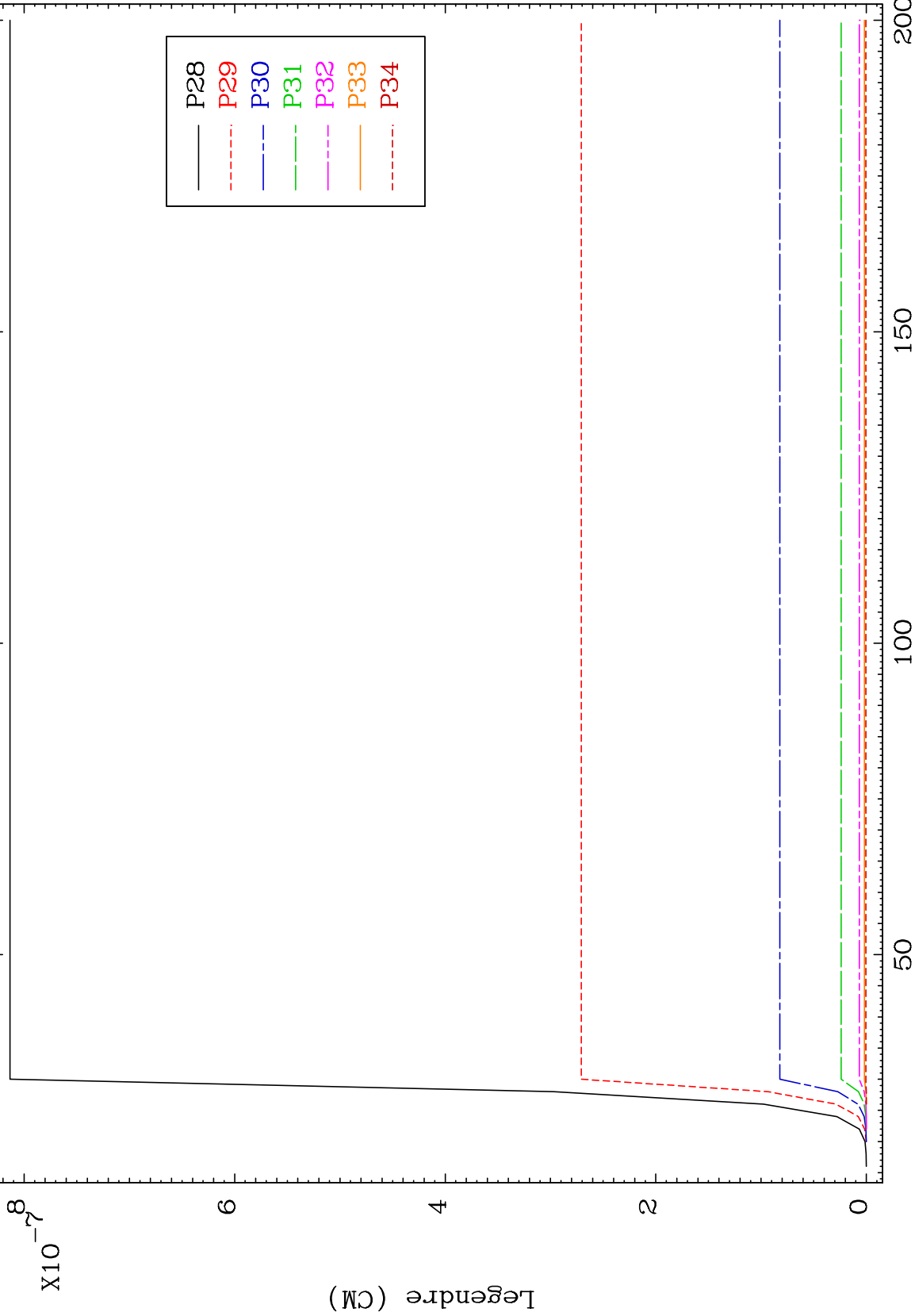
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



99

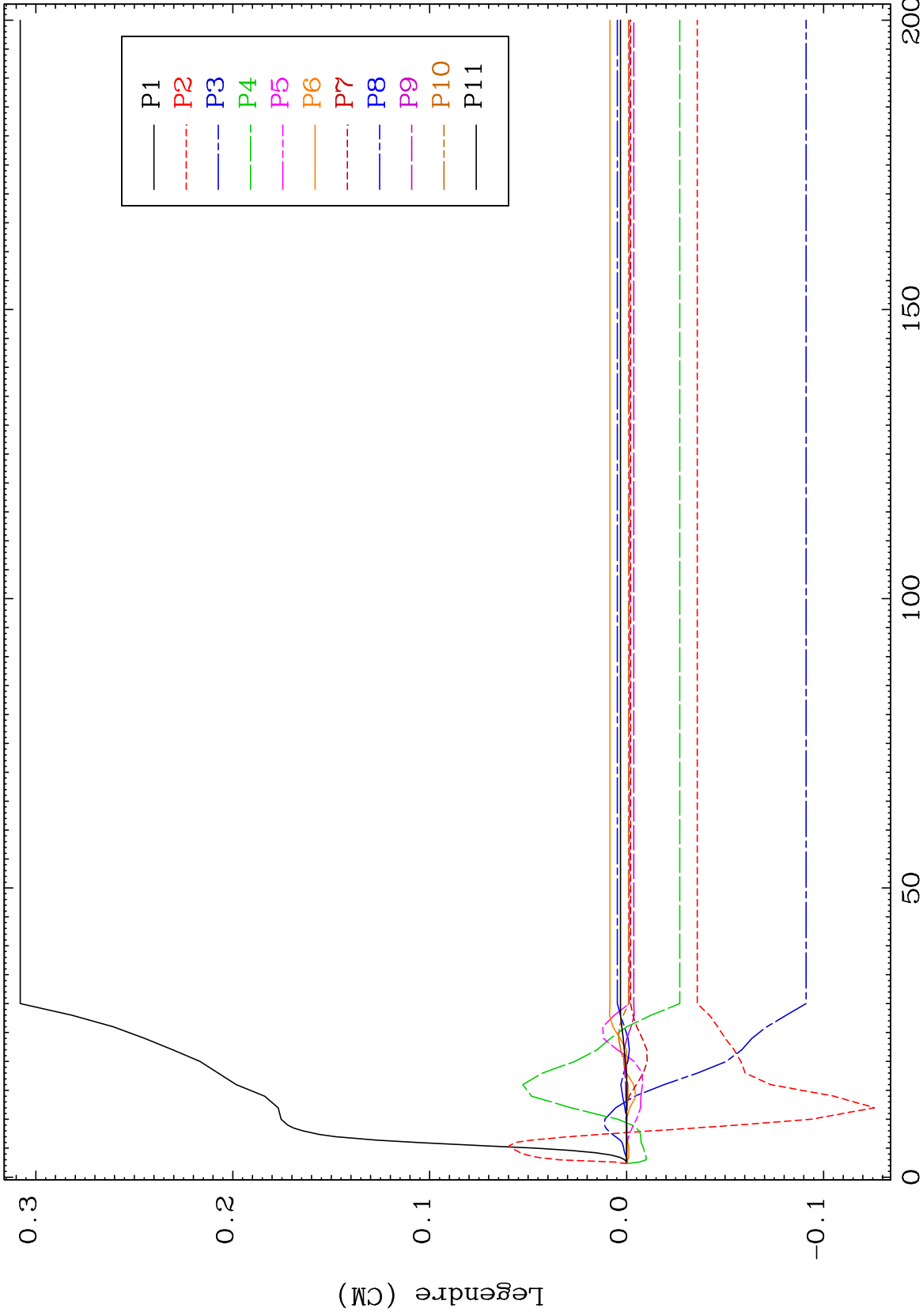
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



44-Ru-104

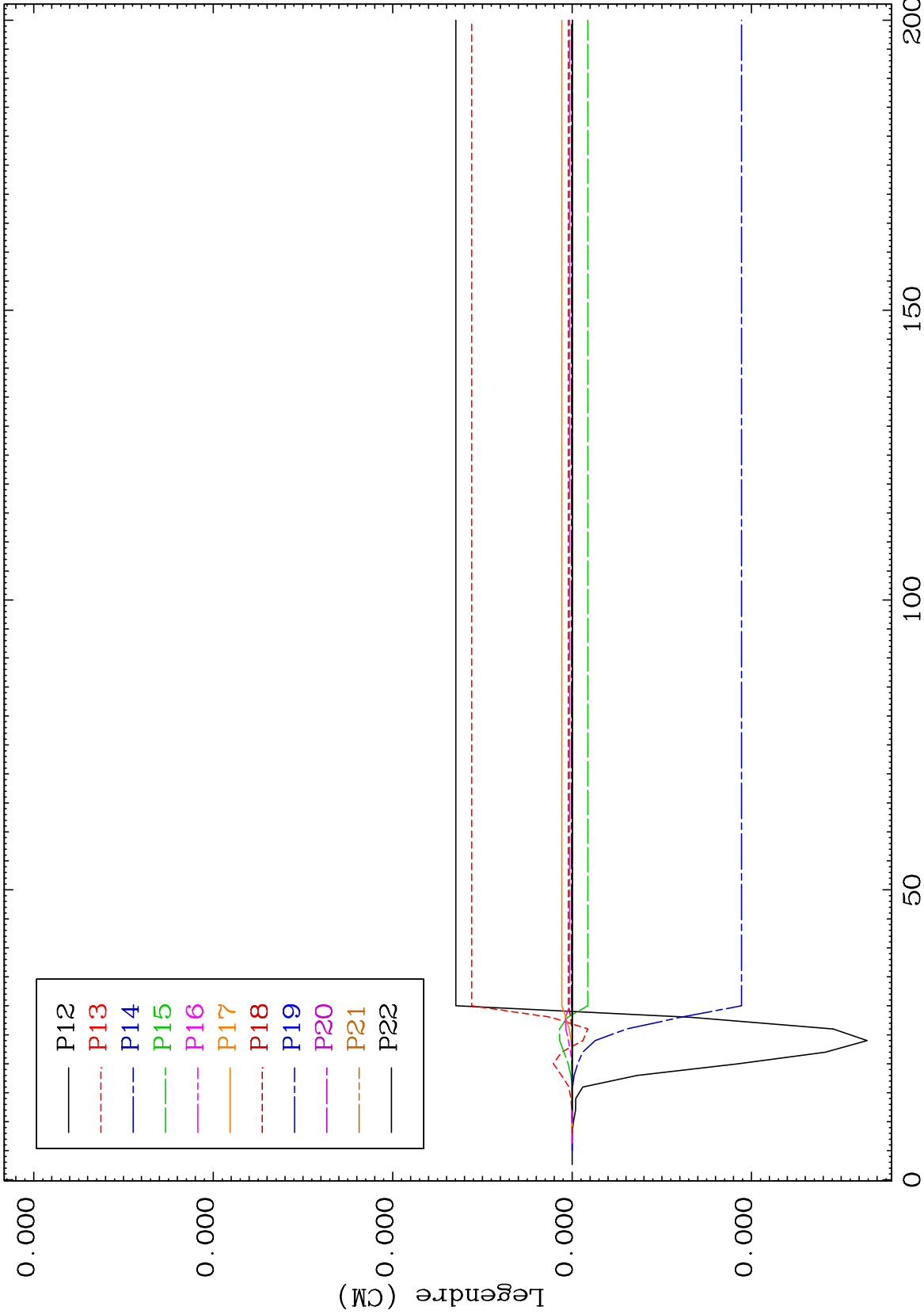
Incident Energy (MeV)

100

MAT 4449

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

44-Ru-104

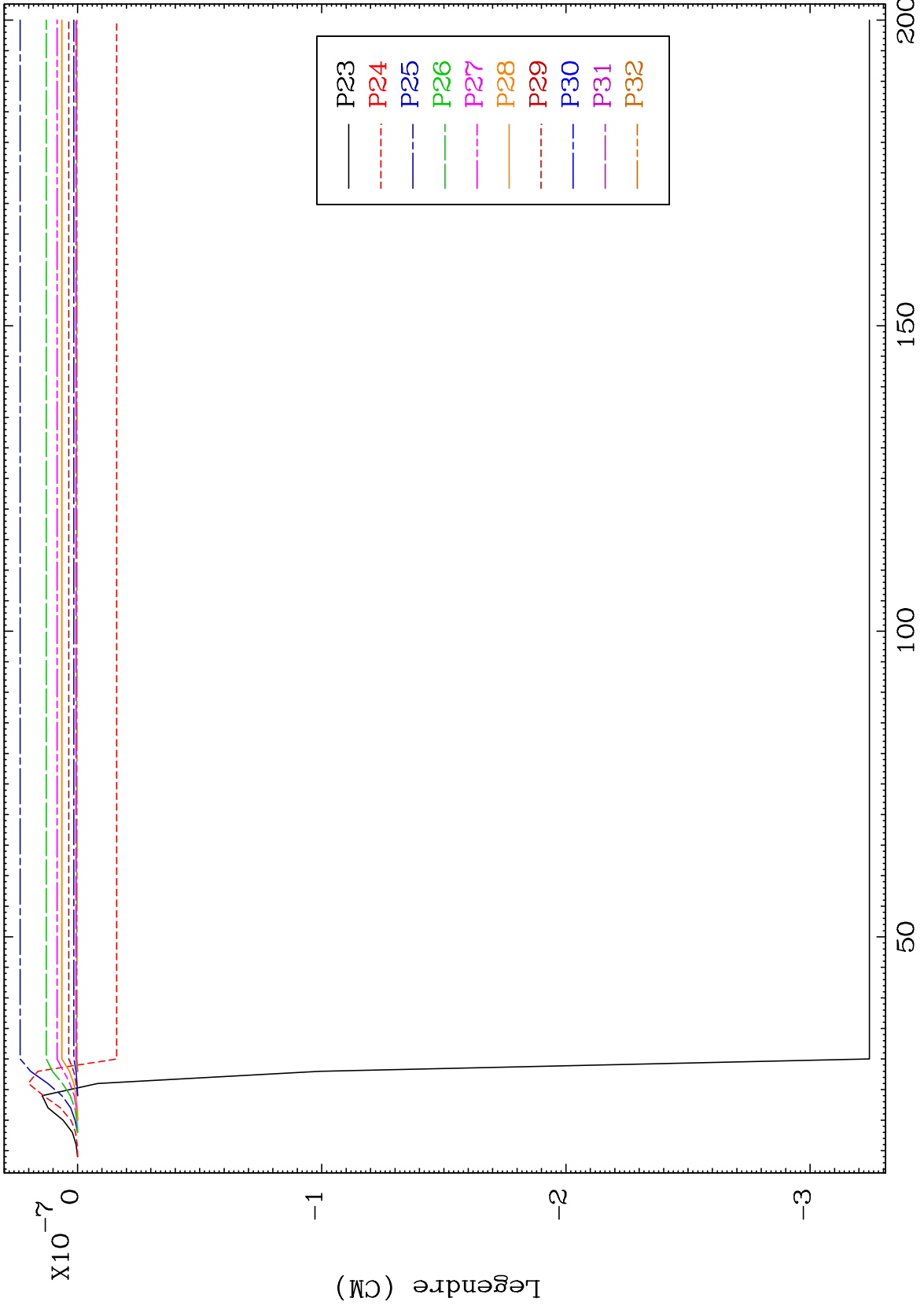


101

Incident Energy (MeV)

44-Ru-104

MAT 4449 MT= 72 (n,n') Level Legendre Coefficients 44-Ru-104

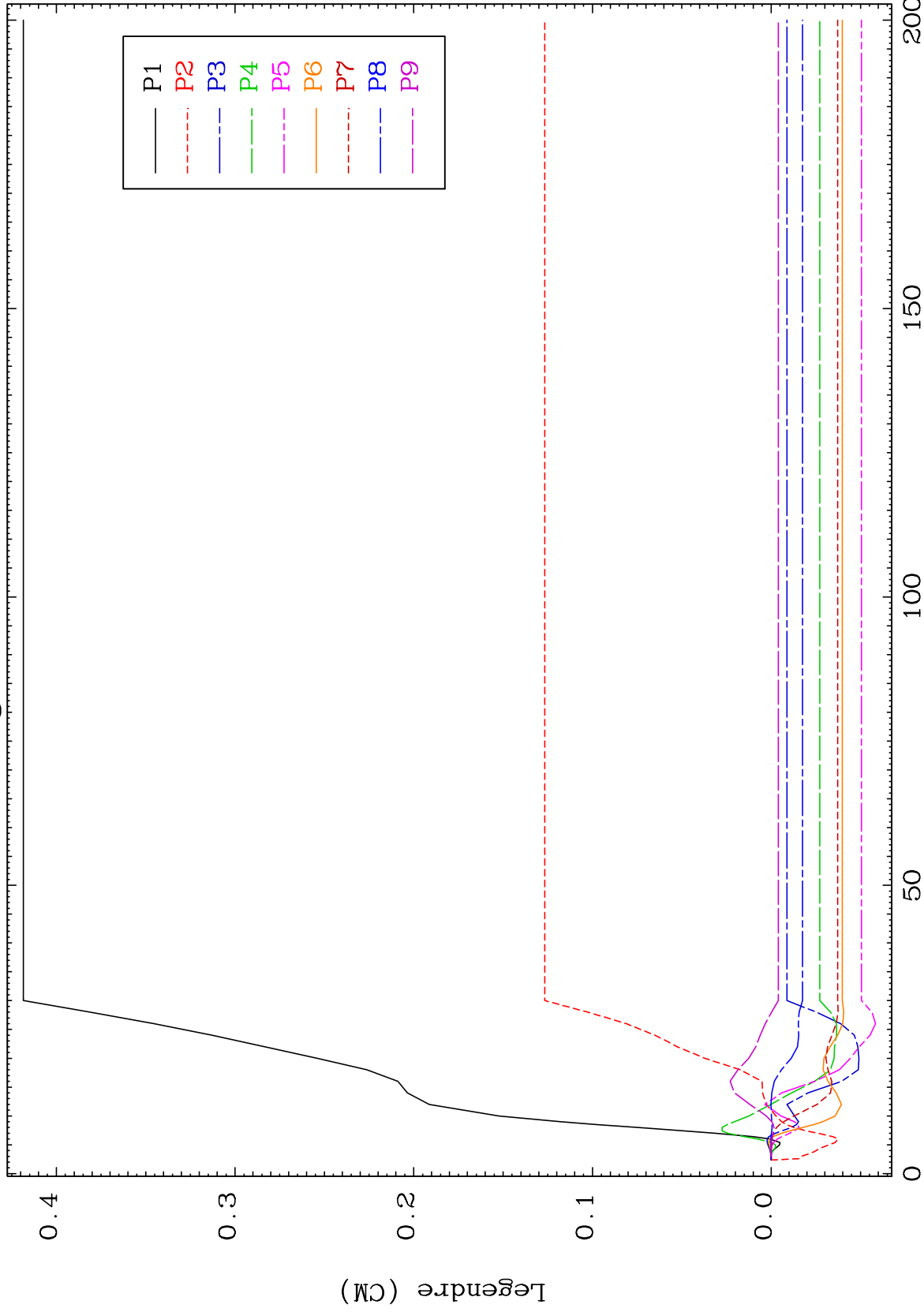


102 44-Ru-104

MAT 4449

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

44-Ru-104



44-Ru-104

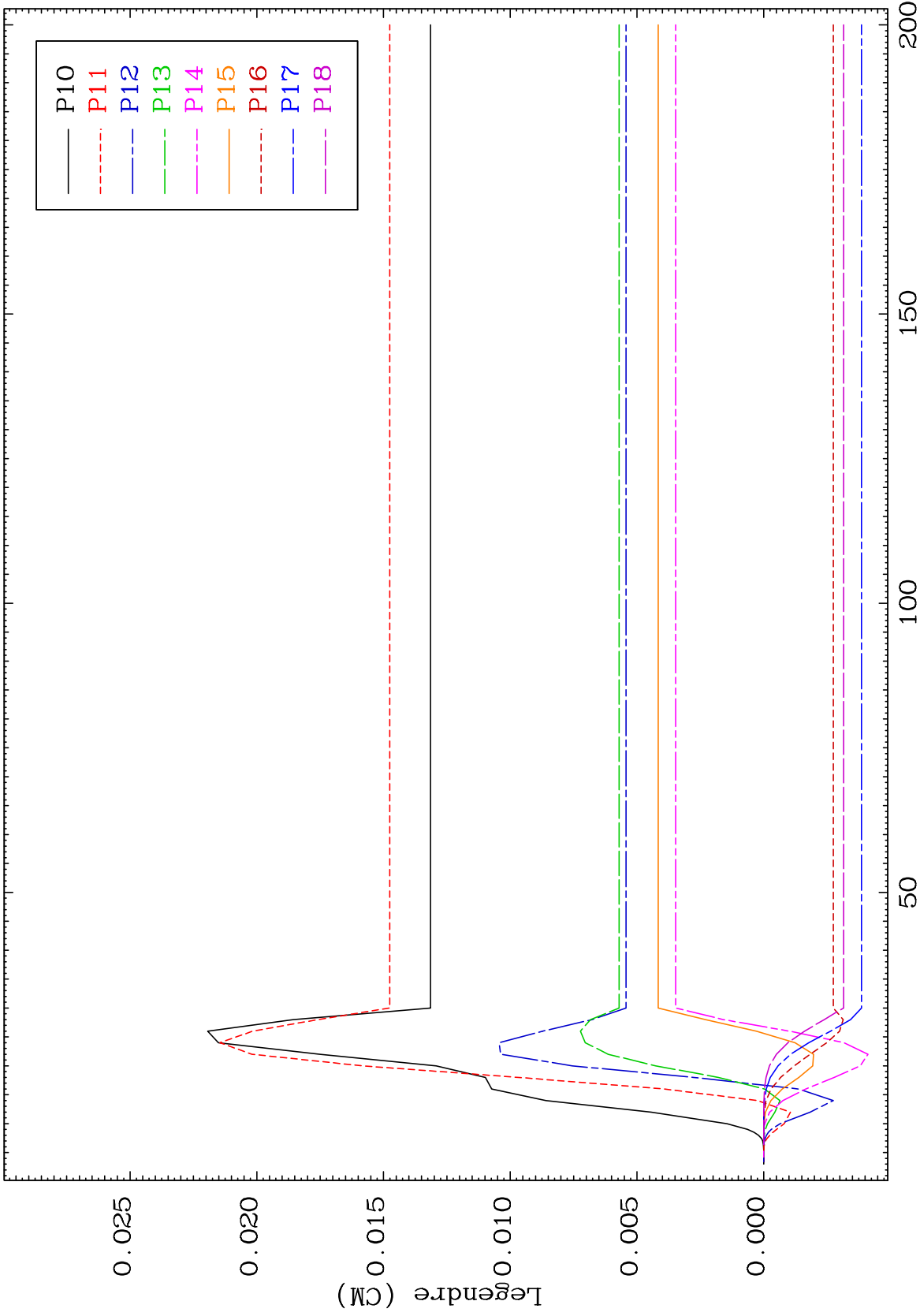
Incident Energy (MeV)

103

MAT 4449

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

44-Ru-104

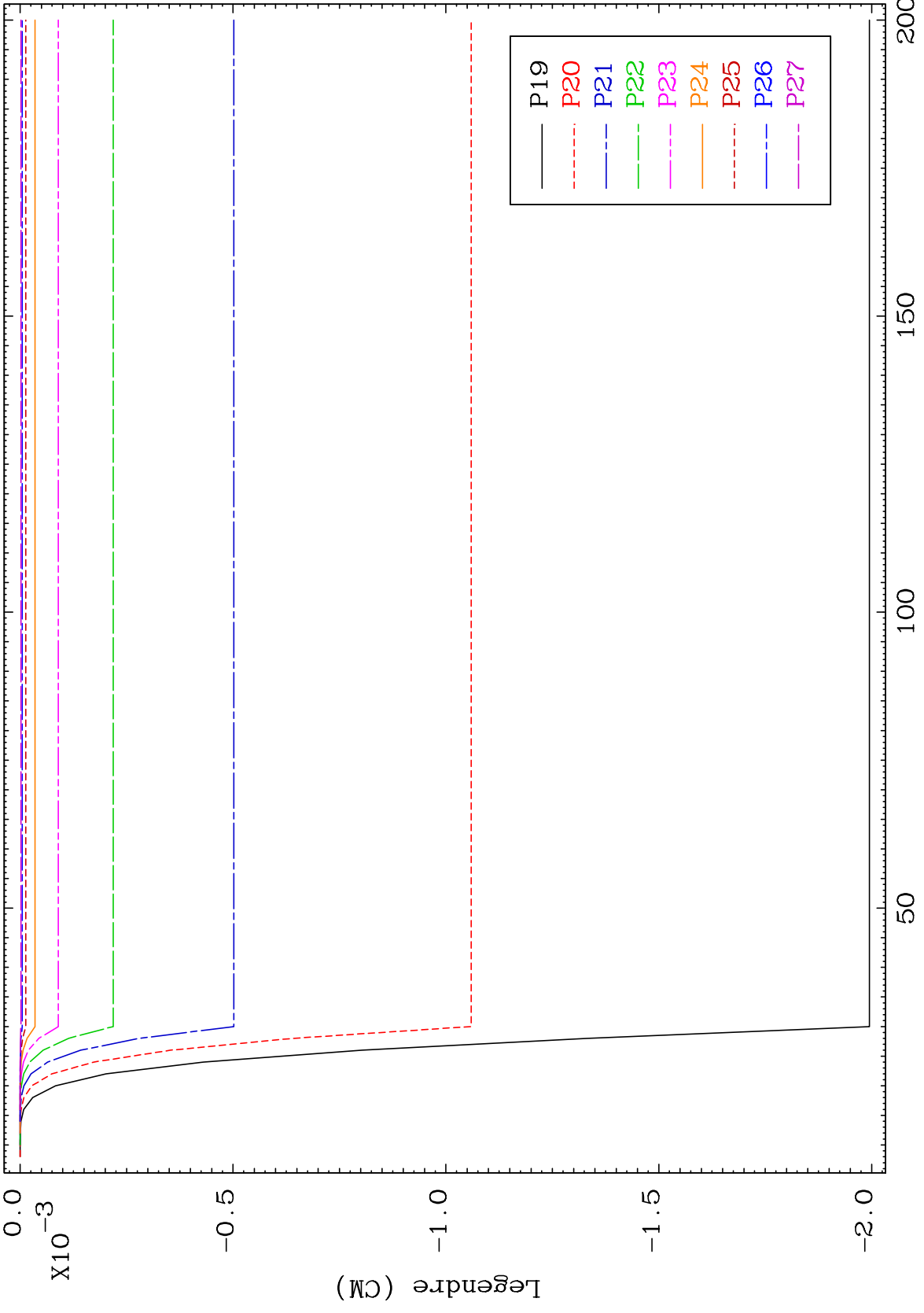


104

Incident Energy (MeV)

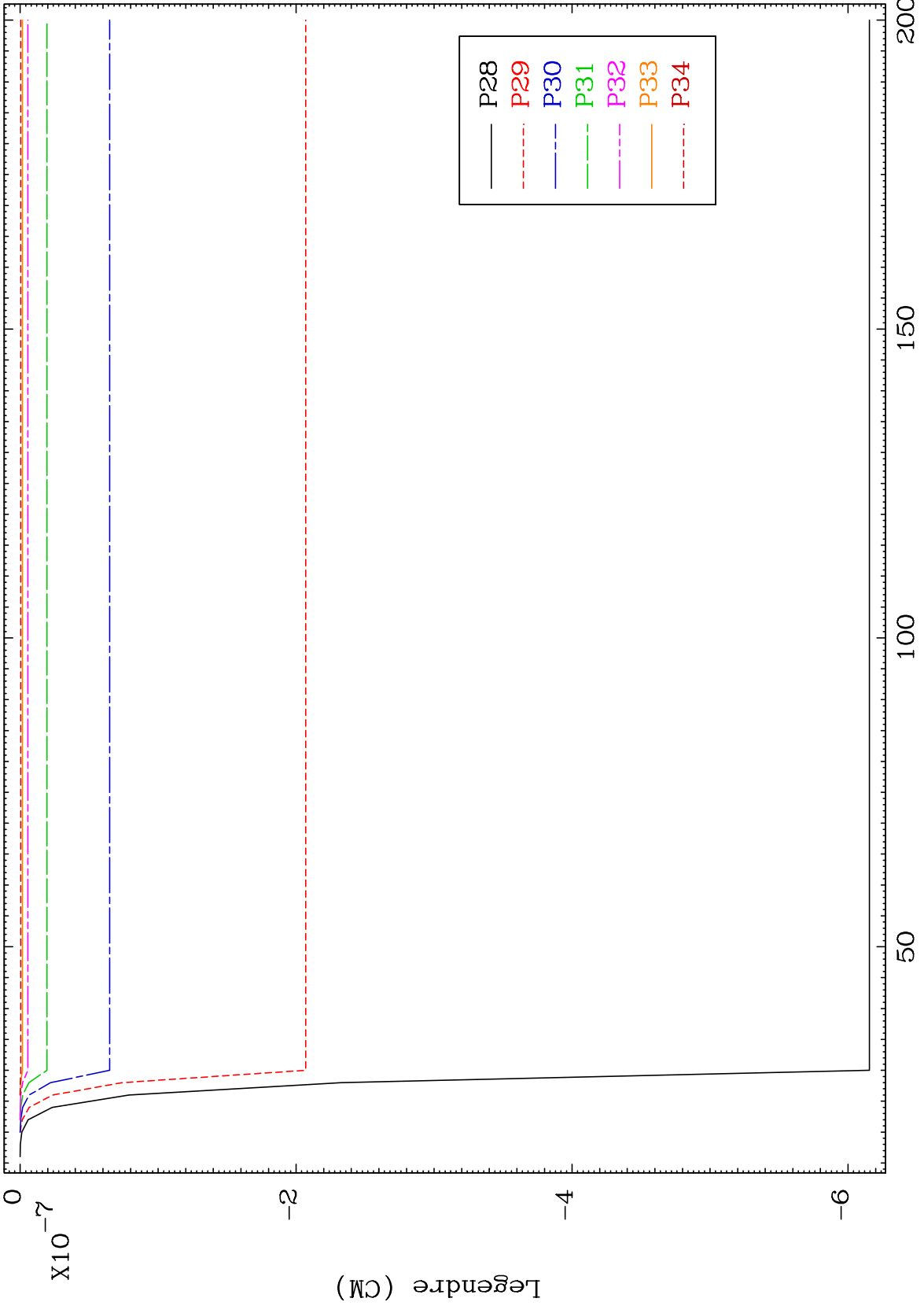
44-Ru-104

MAT 4449 MT= 73 (n,n') Level Legendre Coefficients 44-Ru-104



105 44-Ru-104

MAT 4449 MT= 73 (n,n') Level Legendre Coefficients 44-Ru-104

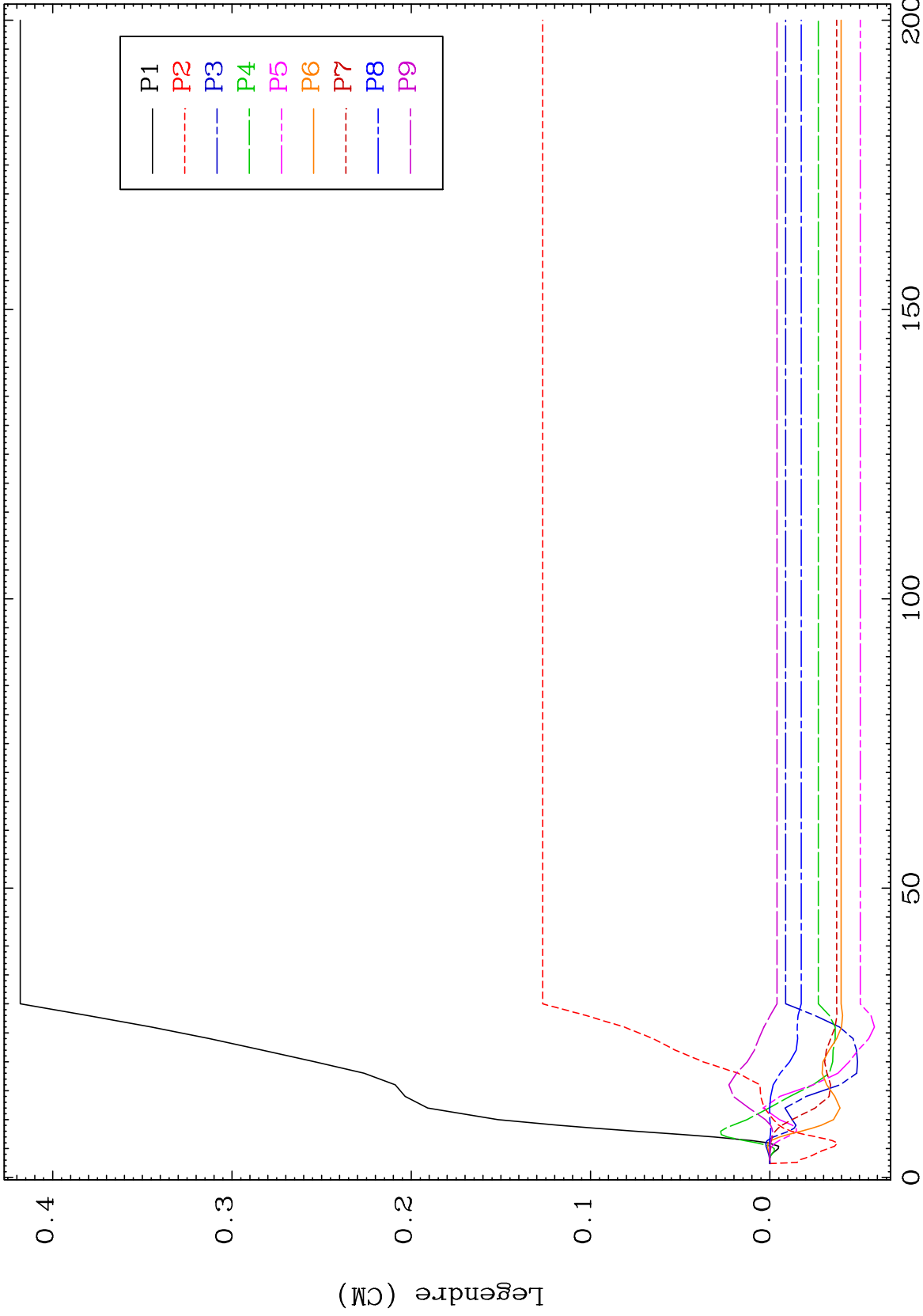


106 Incident Energy (MeV) 44-Ru-104

MAT 4449

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

44-Ru-104



107

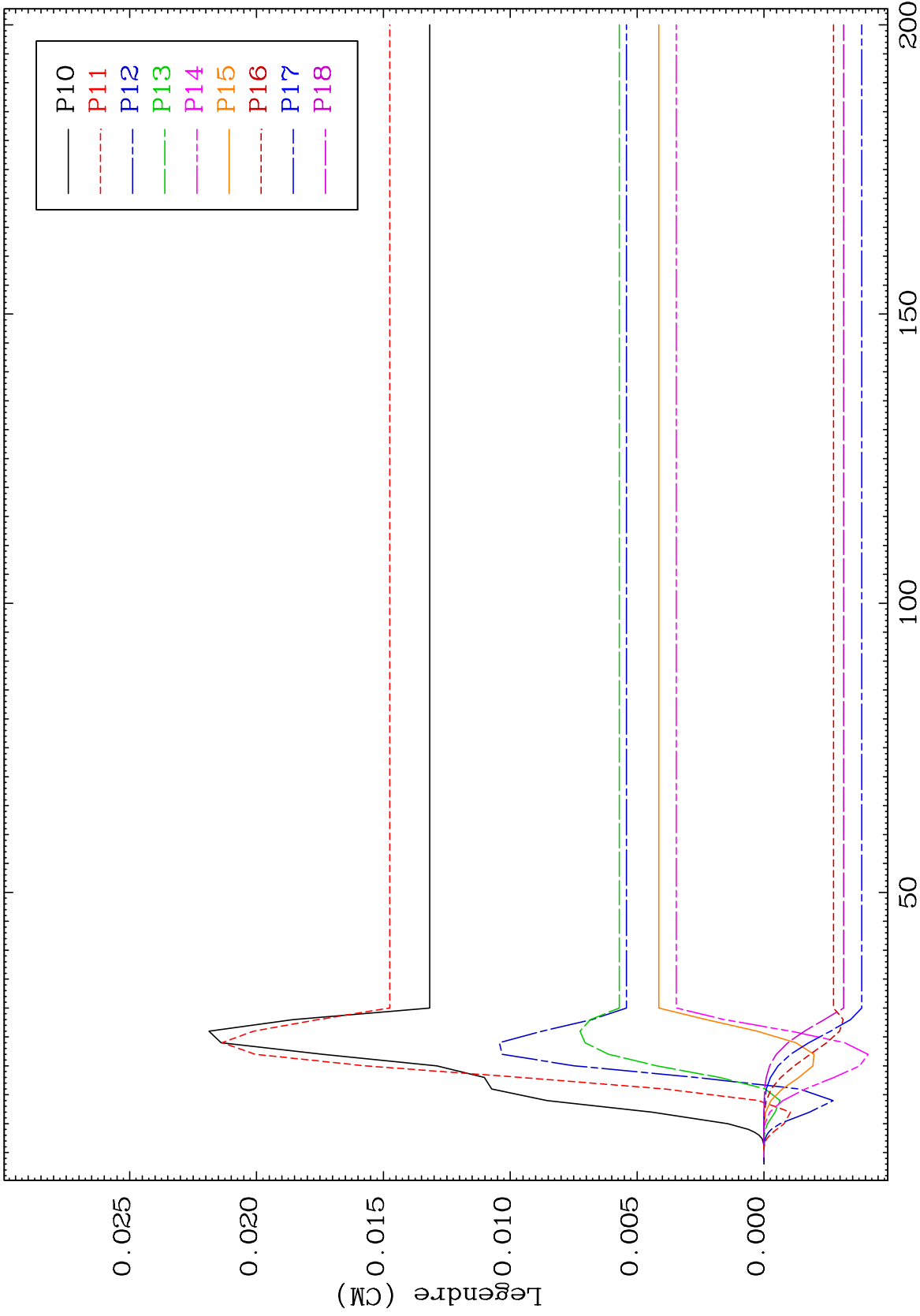
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

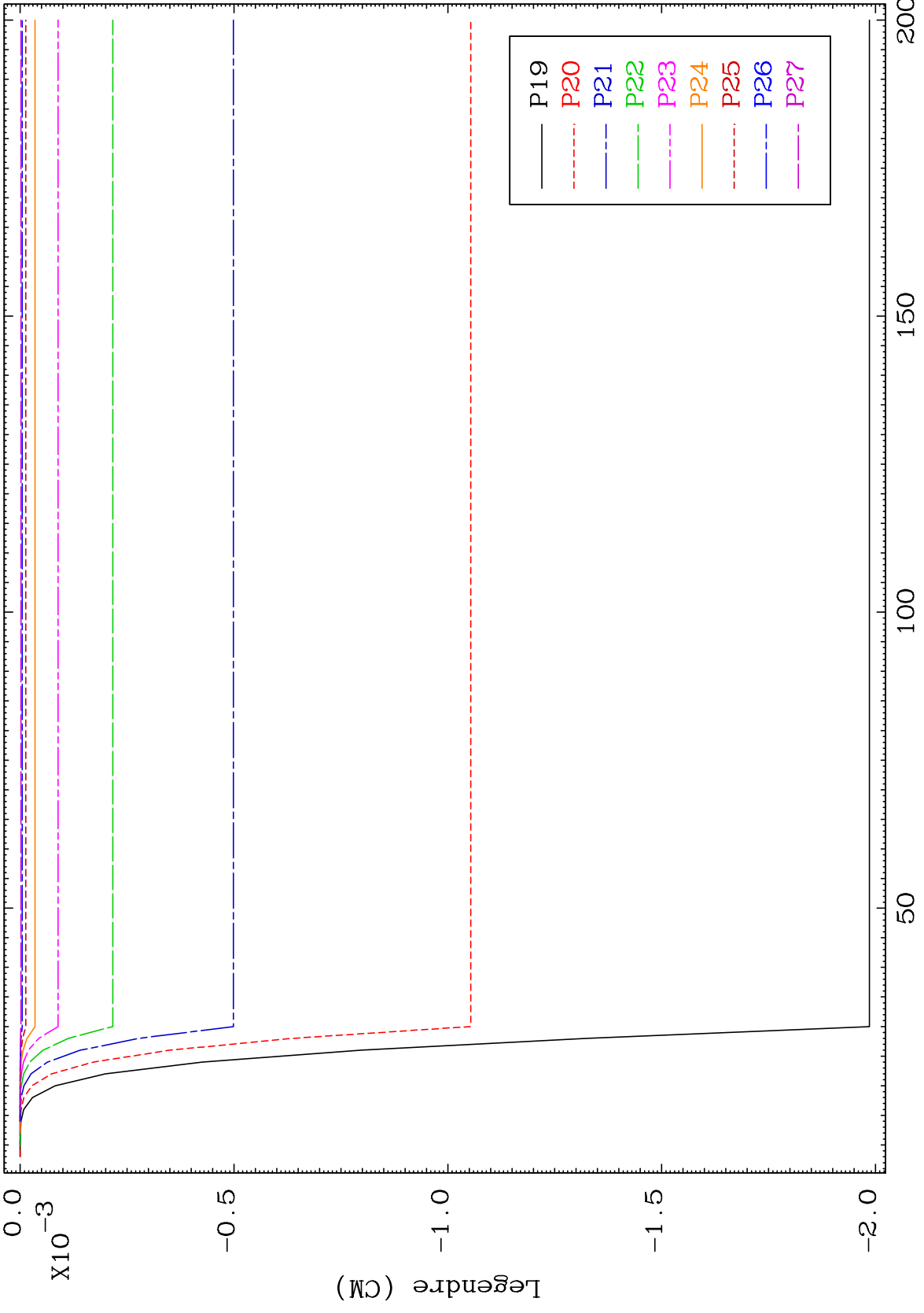
44-Ru-104



108

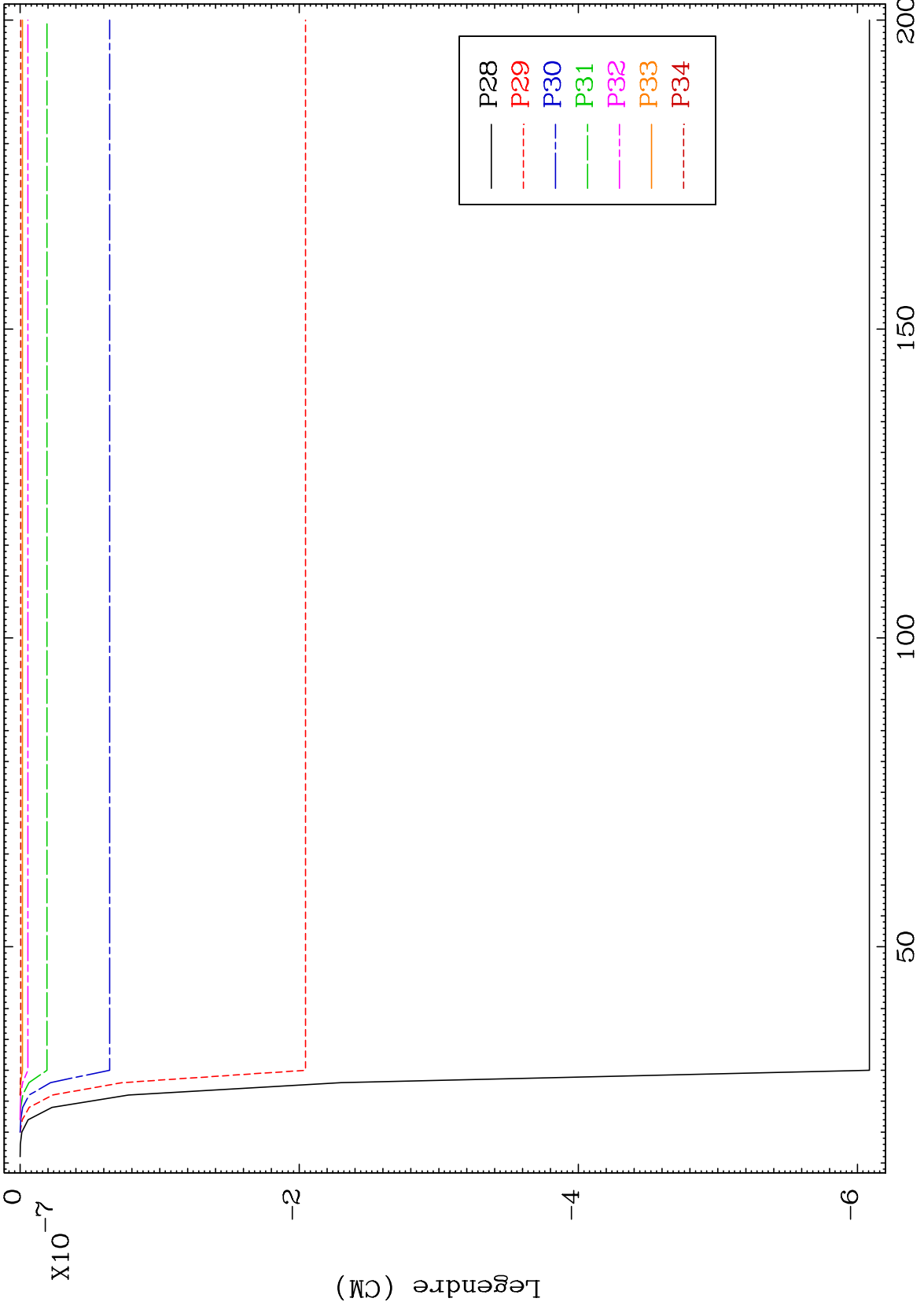
44-Ru-104

MAT 4449 MT= 74 (n,n') Level Legendre Coefficients 44-Ru-104



109 44-Ru-104

MAT 4449 MT= 74 (n,n') Level Legendre Coefficients 44-Ru-104

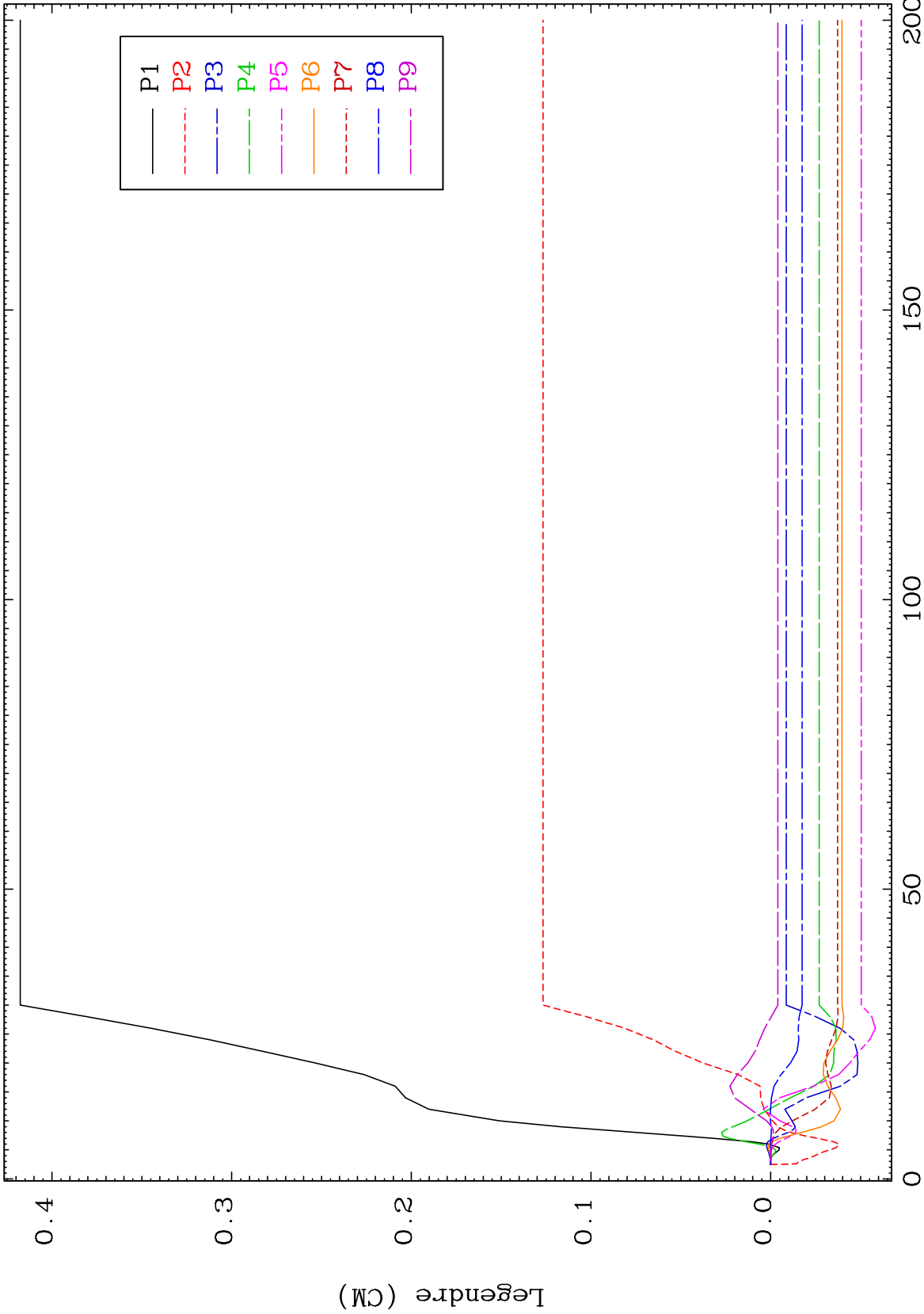


110 Incident Energy (MeV) 44-Ru-104

MAT 4449

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

44-Ru-104



111

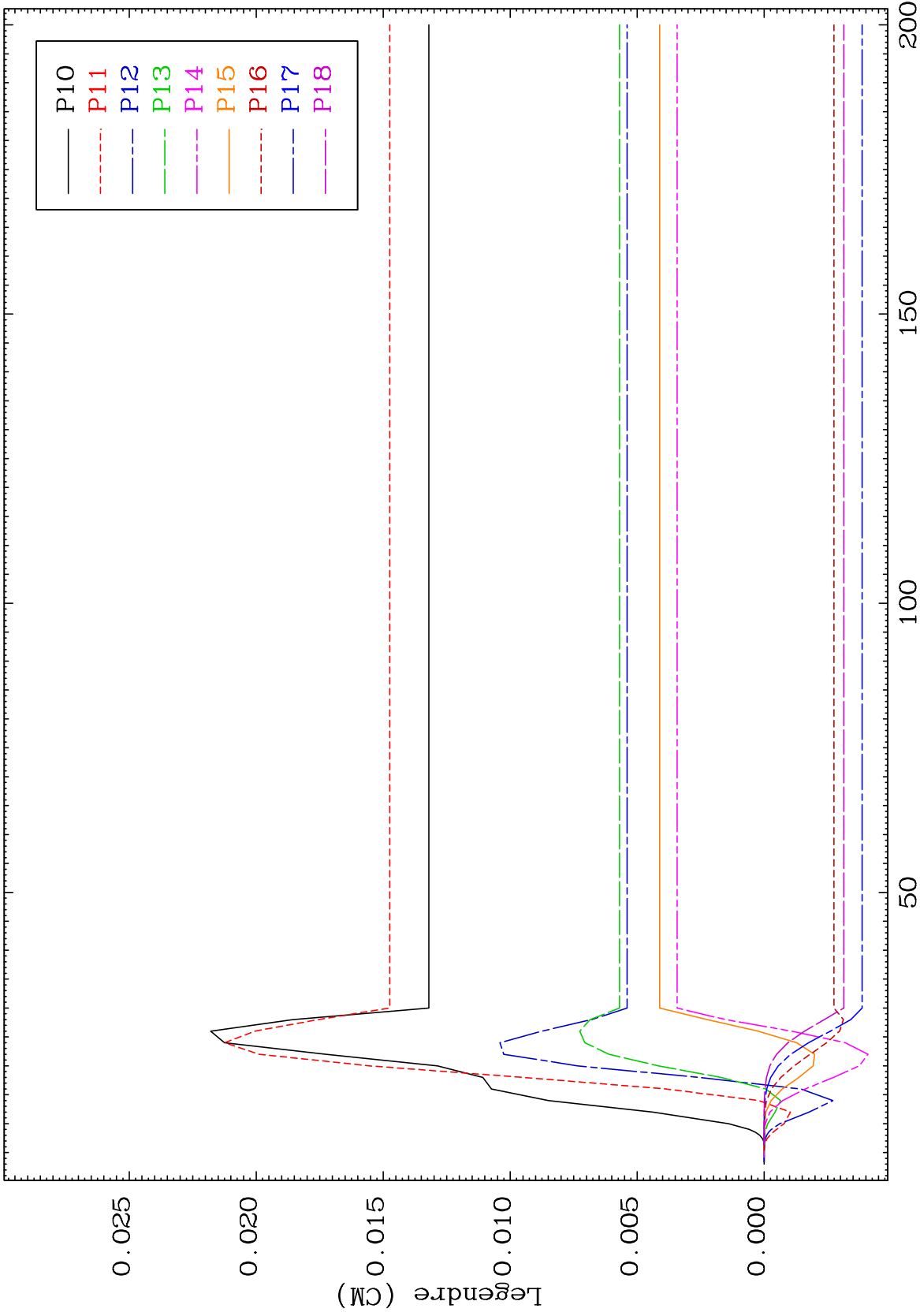
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104

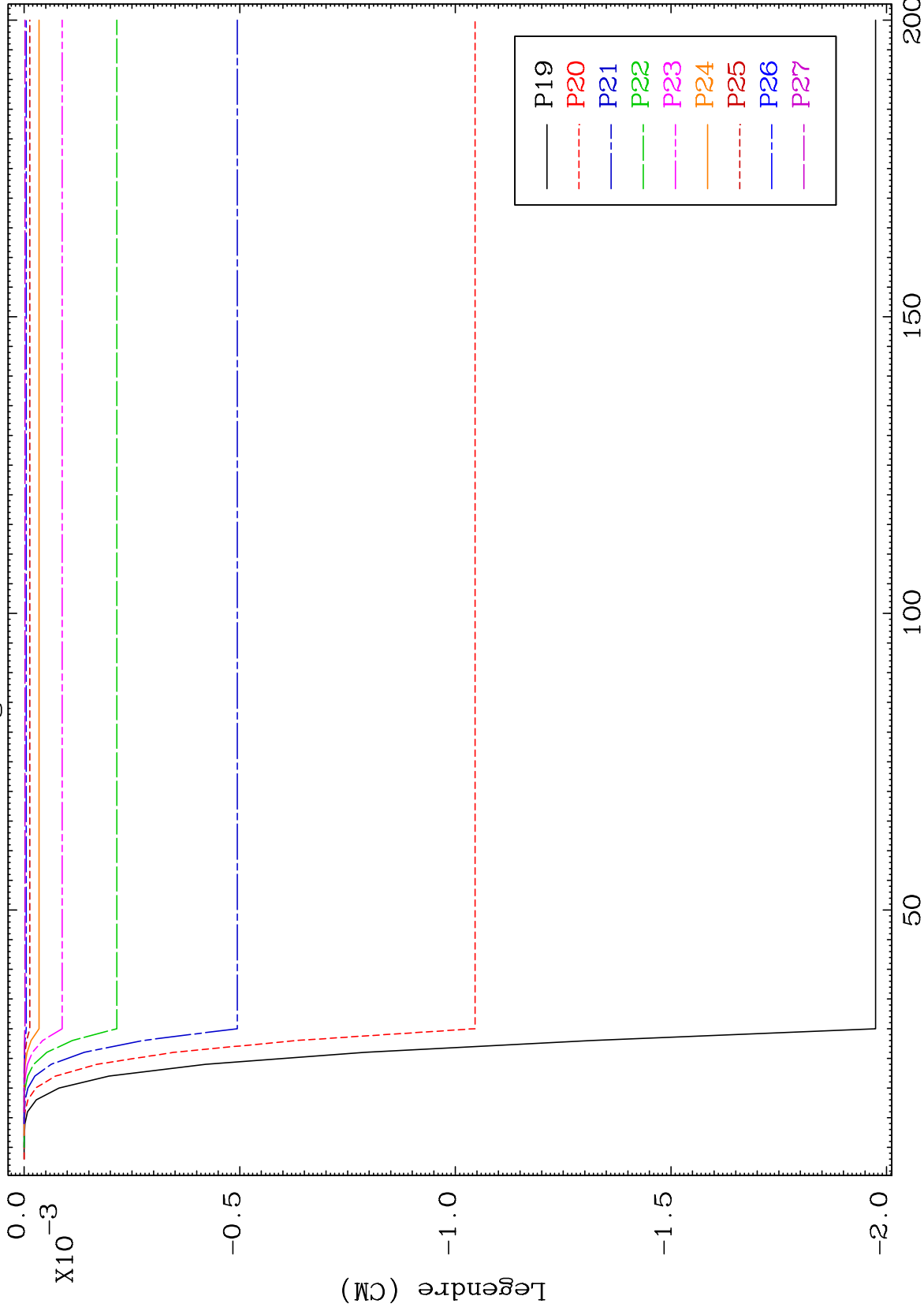


112

Incident Energy (MeV)

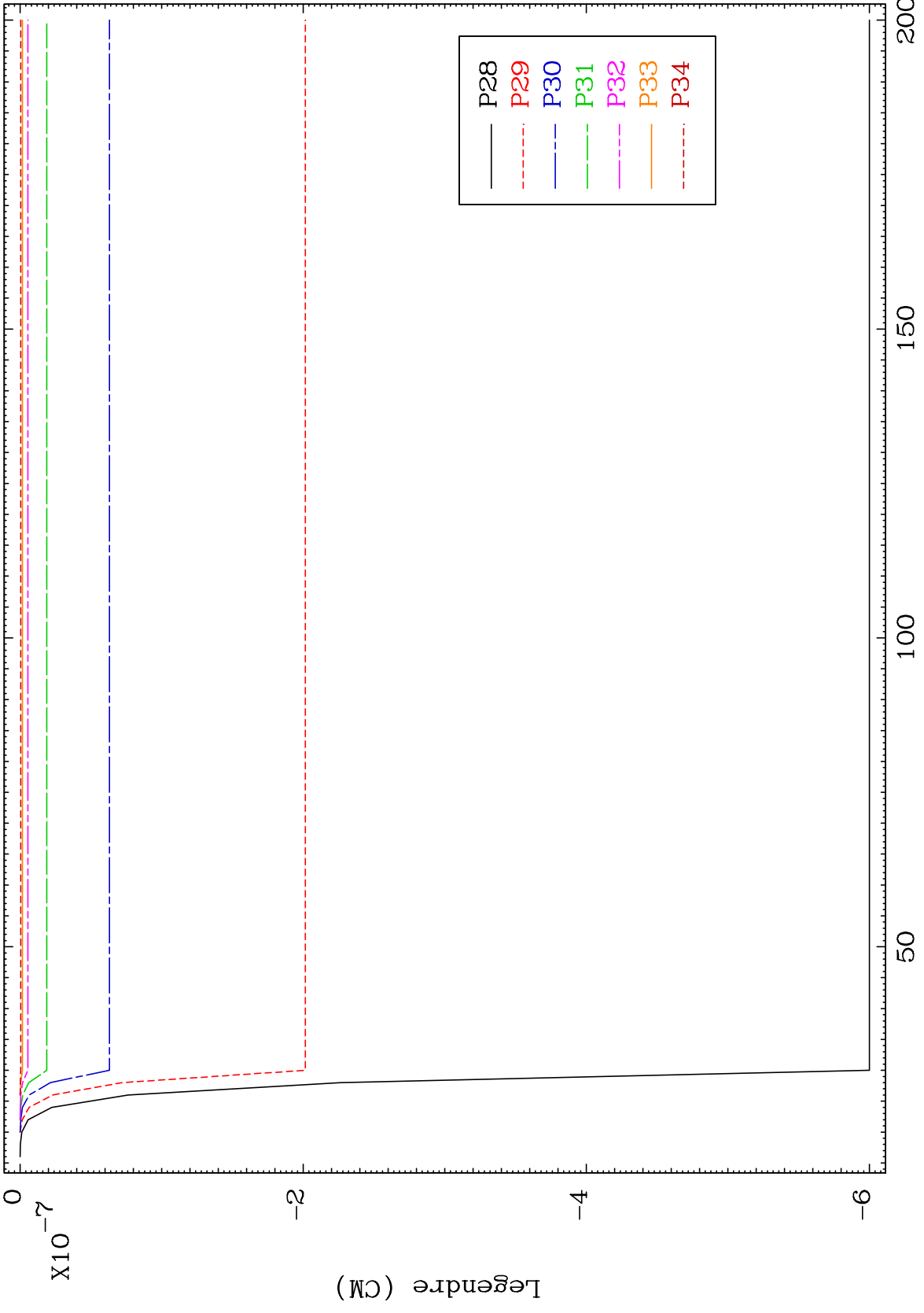
44-Ru-104

MAT 4449 MT= 75 (n,n') Level Legendre Coefficients 44-Ru-104



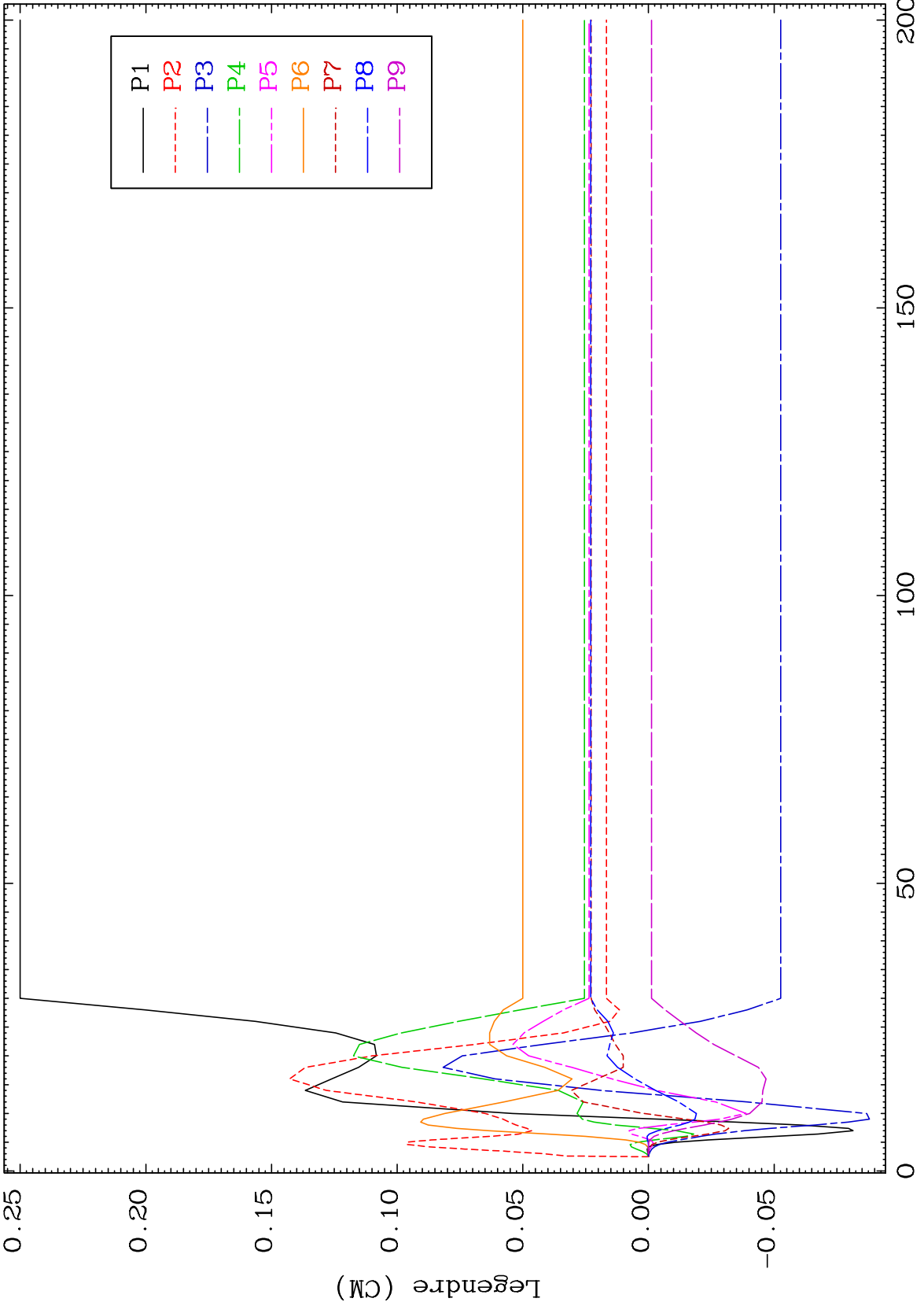
113 44-Ru-104

MAT 4449 MT= 75 (n,n') Level Legendre Coefficients 44-Ru-104



114 44-Ru-104

MAT 4449 MT= 76 (n,n') Level Legendre Coefficients 44-Ru-104

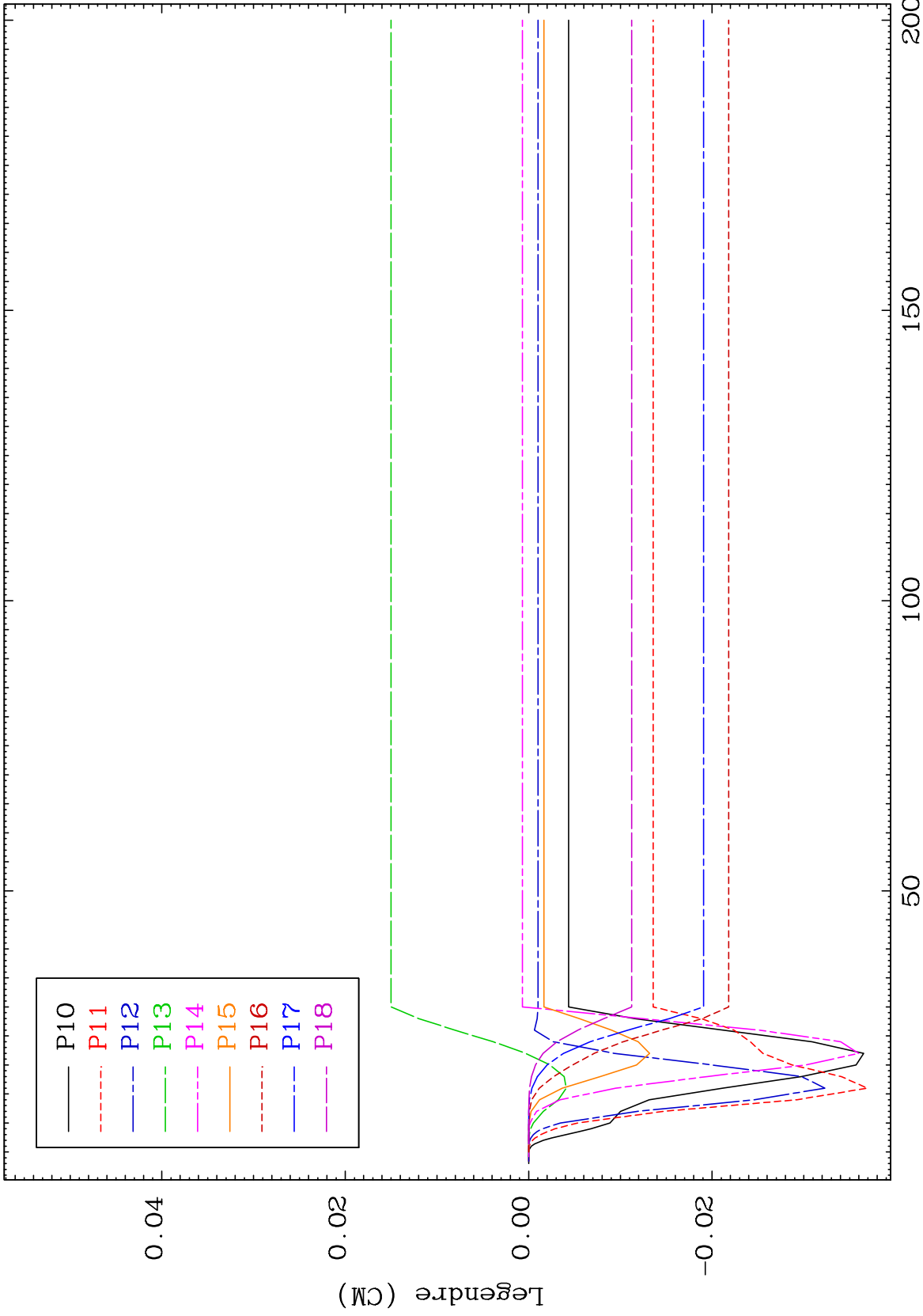


115 44-Ru-104

MAT 4449

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

44-Ru-104

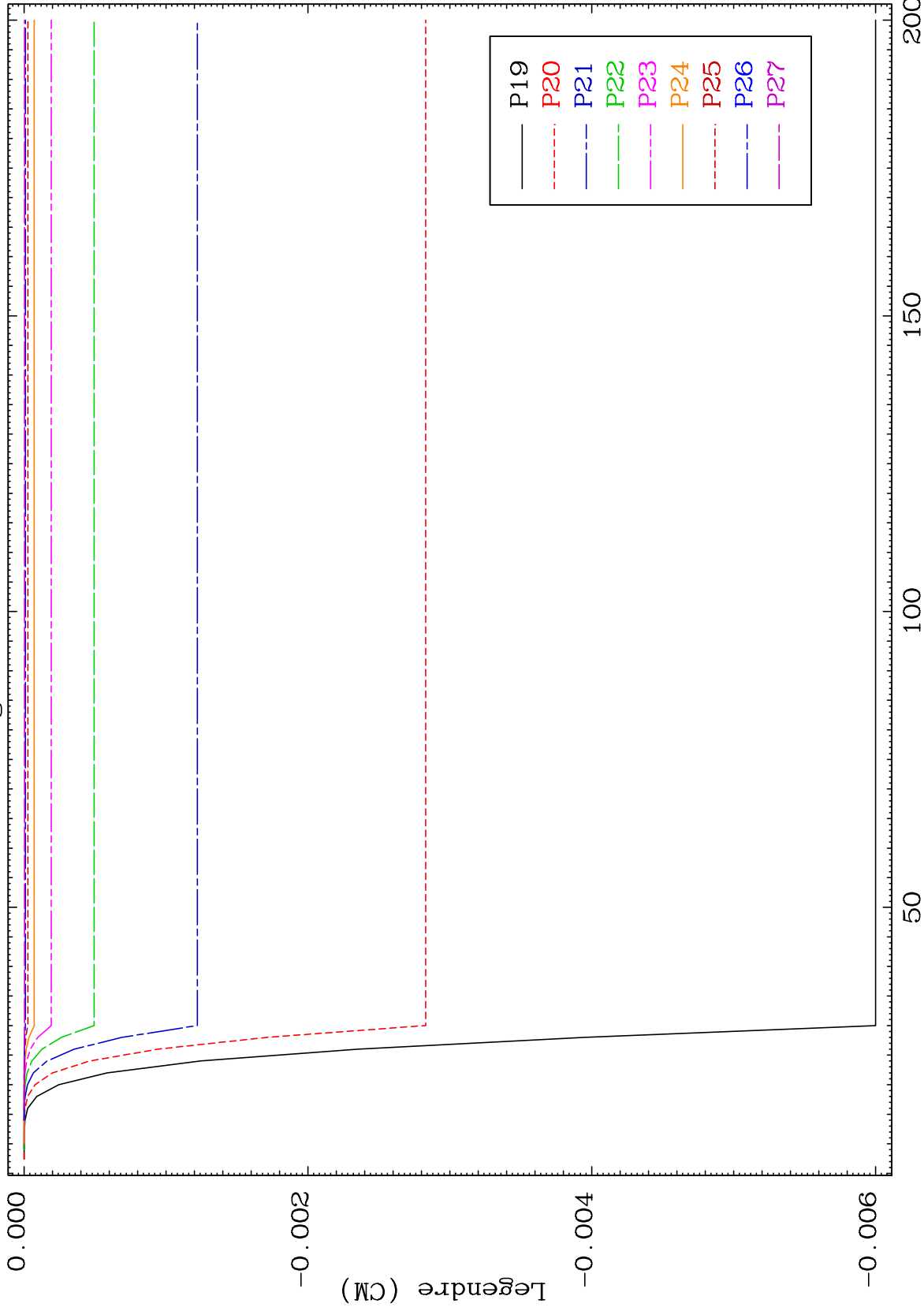


116

Incident Energy (MeV)

44-Ru-104

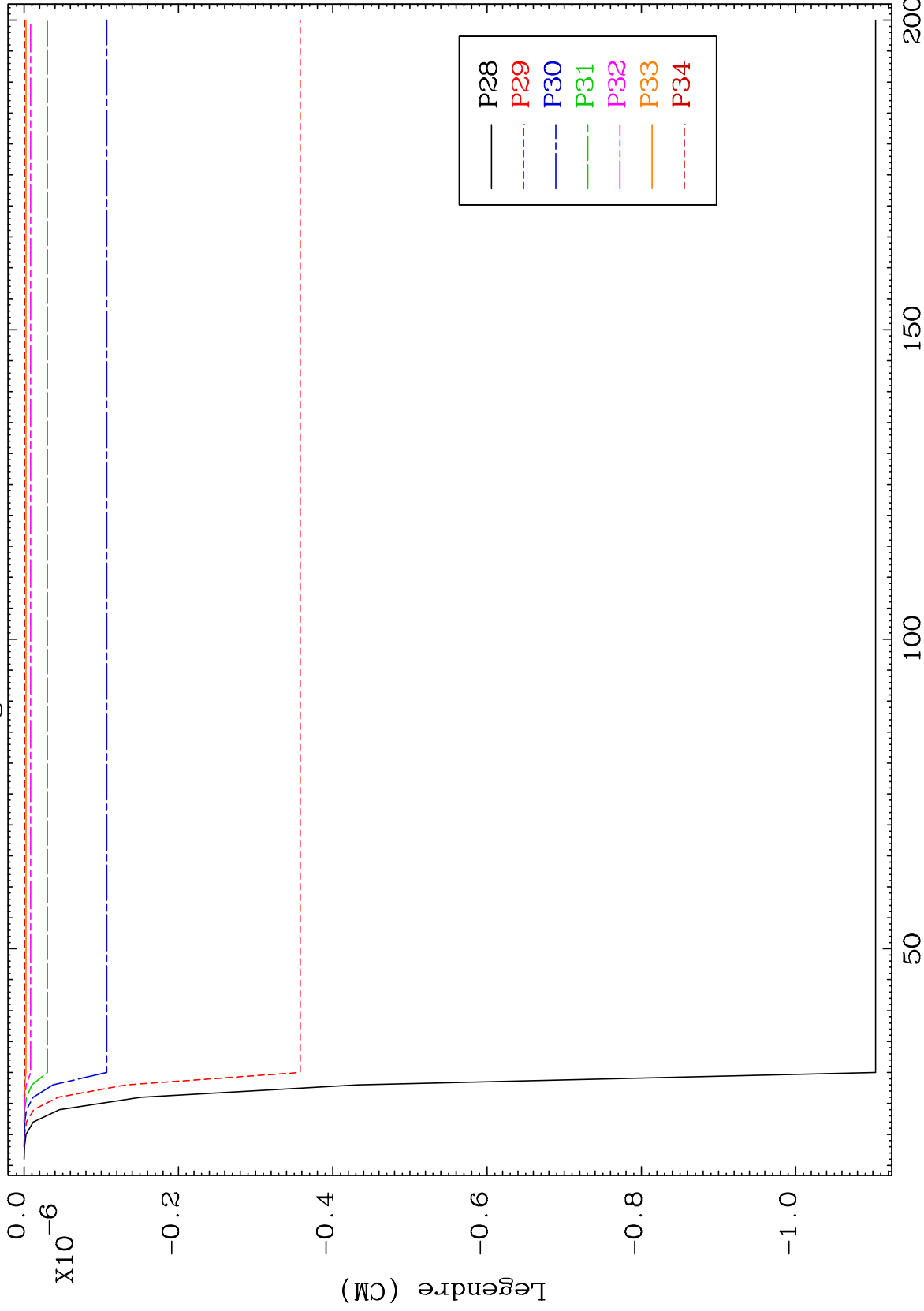
MAT 4449 MT= 76 (n,n') Level Legendre Coefficients 44-Ru-104



MAT 4449

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

44-Ru-104



44-Ru-104

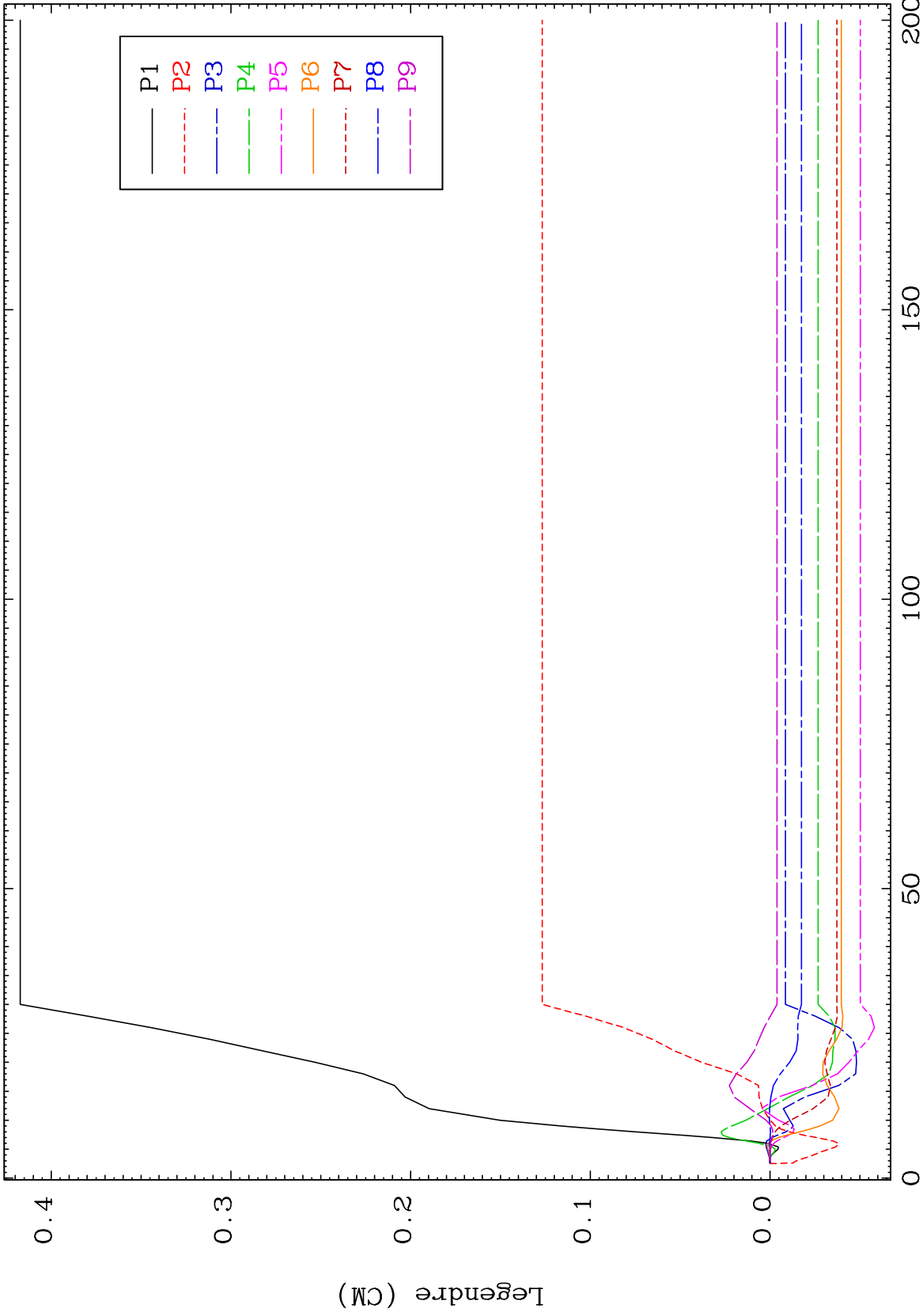
Incident Energy (MeV)

118

MAT 4449

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

44-Ru-104



119

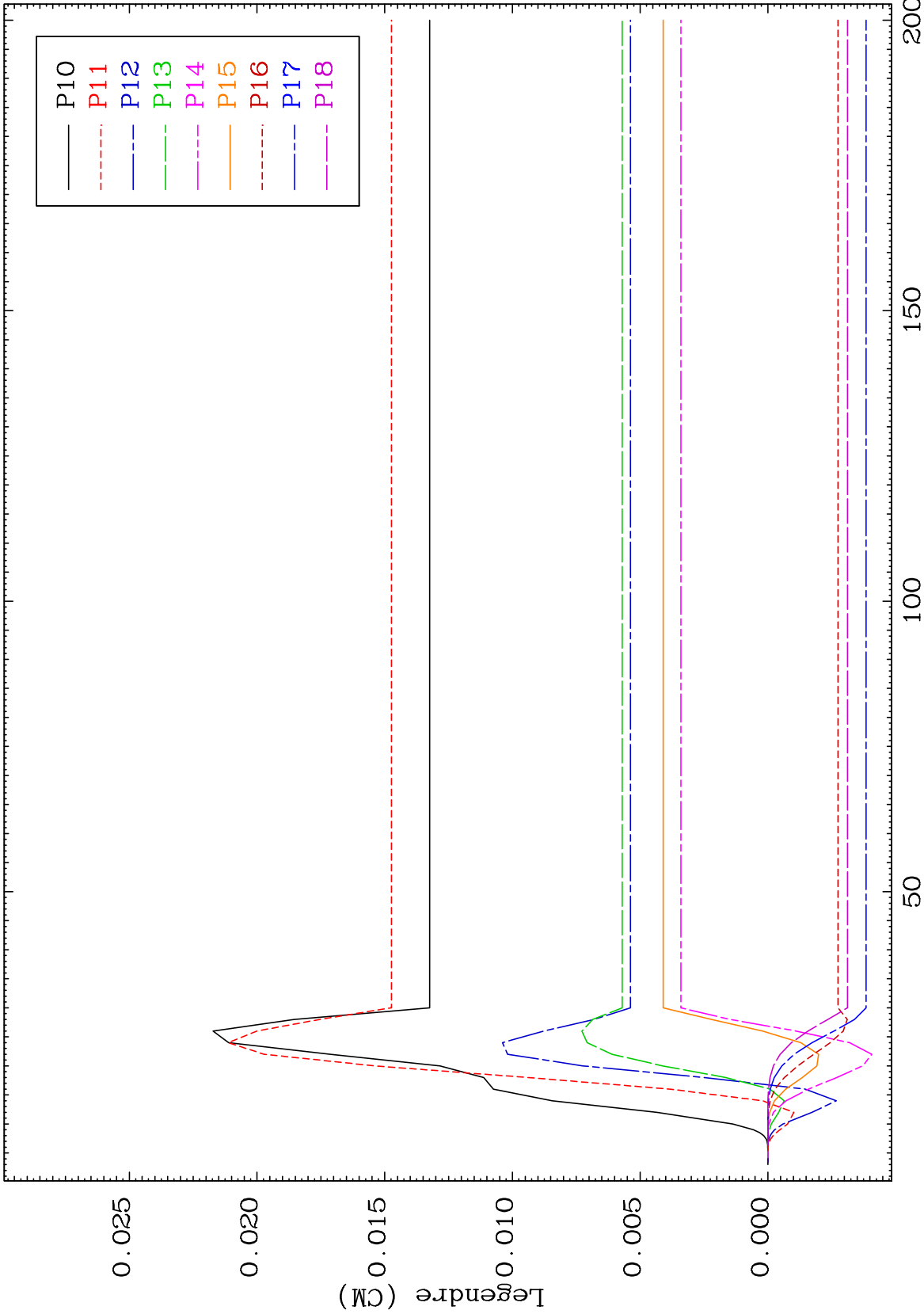
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104

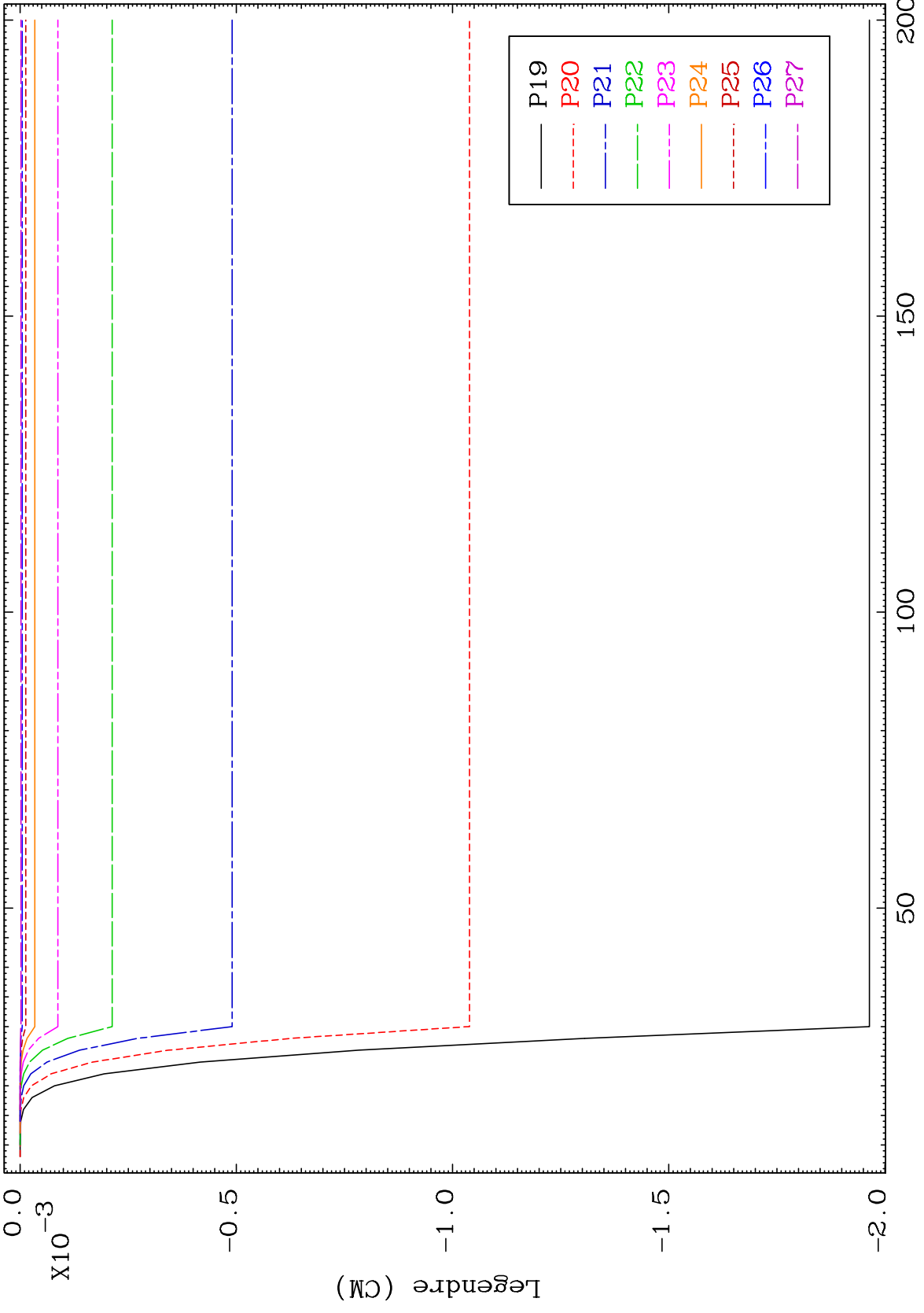


120

Incident Energy (MeV)

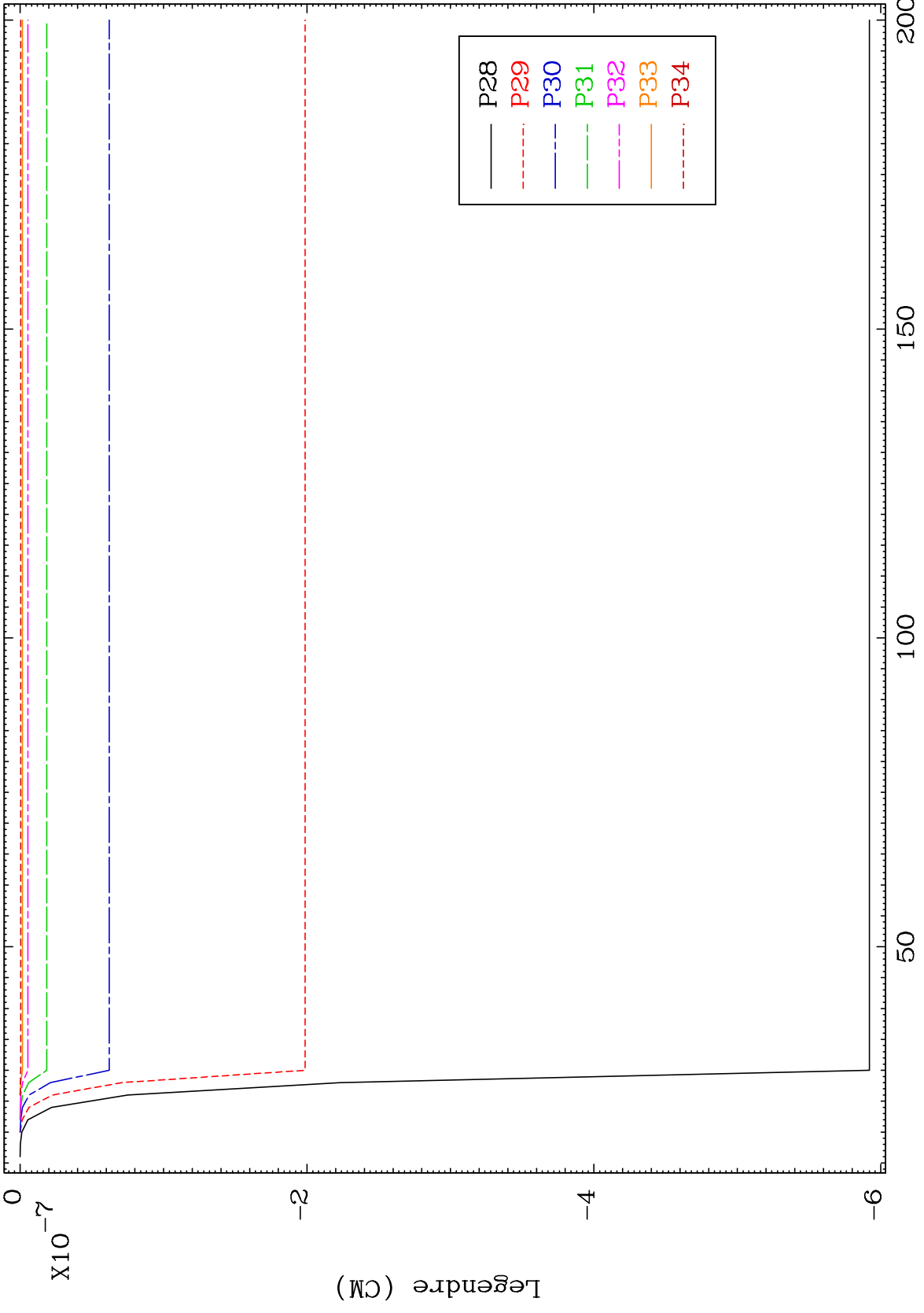
44-Ru-104

MAT 4449 MT= 77 (n,n') Level Legendre Coefficients 44-Ru-104



121 44-Ru-104

MAT 4449 MT= 77 (n,n') Level Legendre Coefficients 44-Ru-104

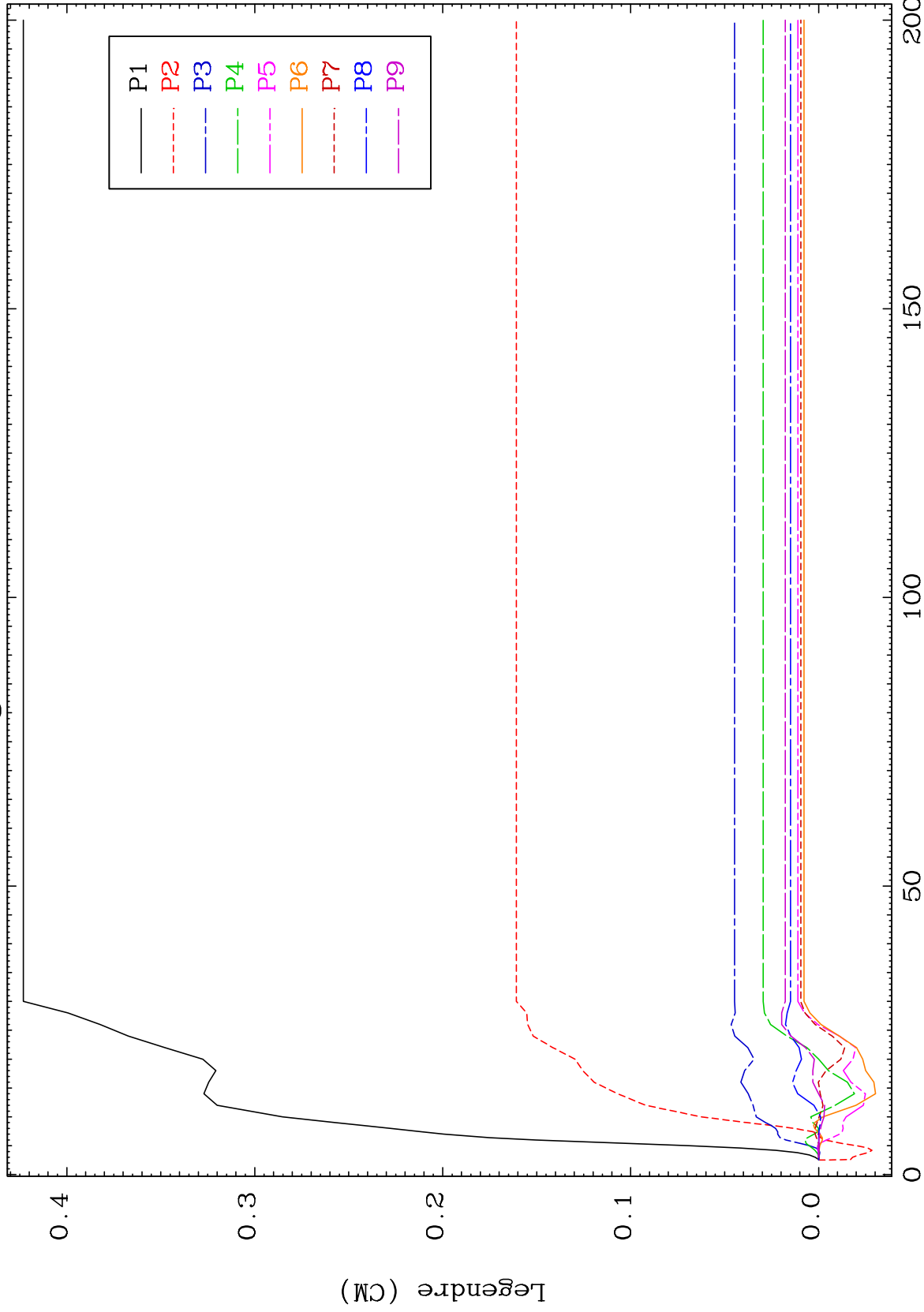


122 44-Ru-104

MAT 4449

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

44-Ru-104



123

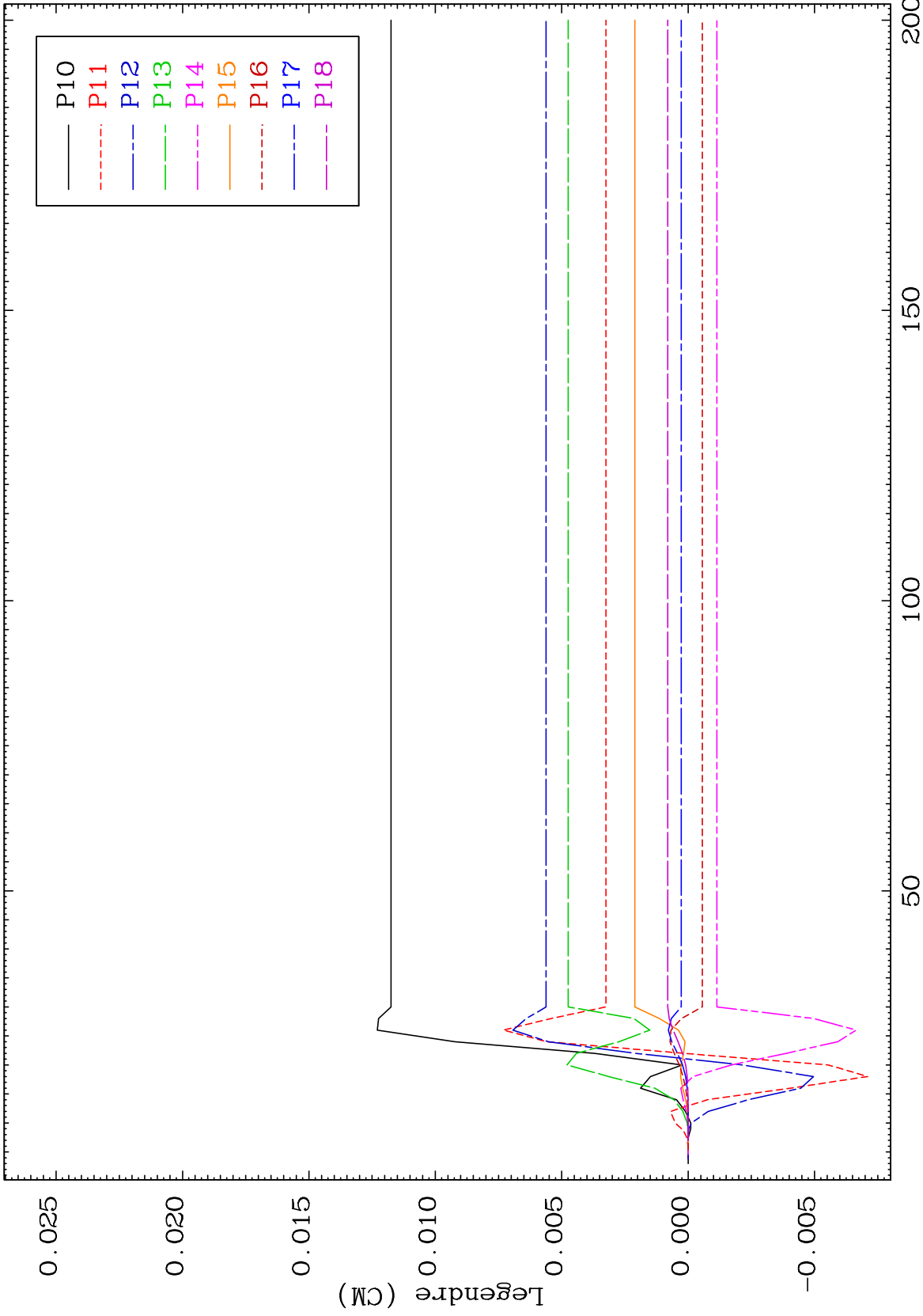
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



124

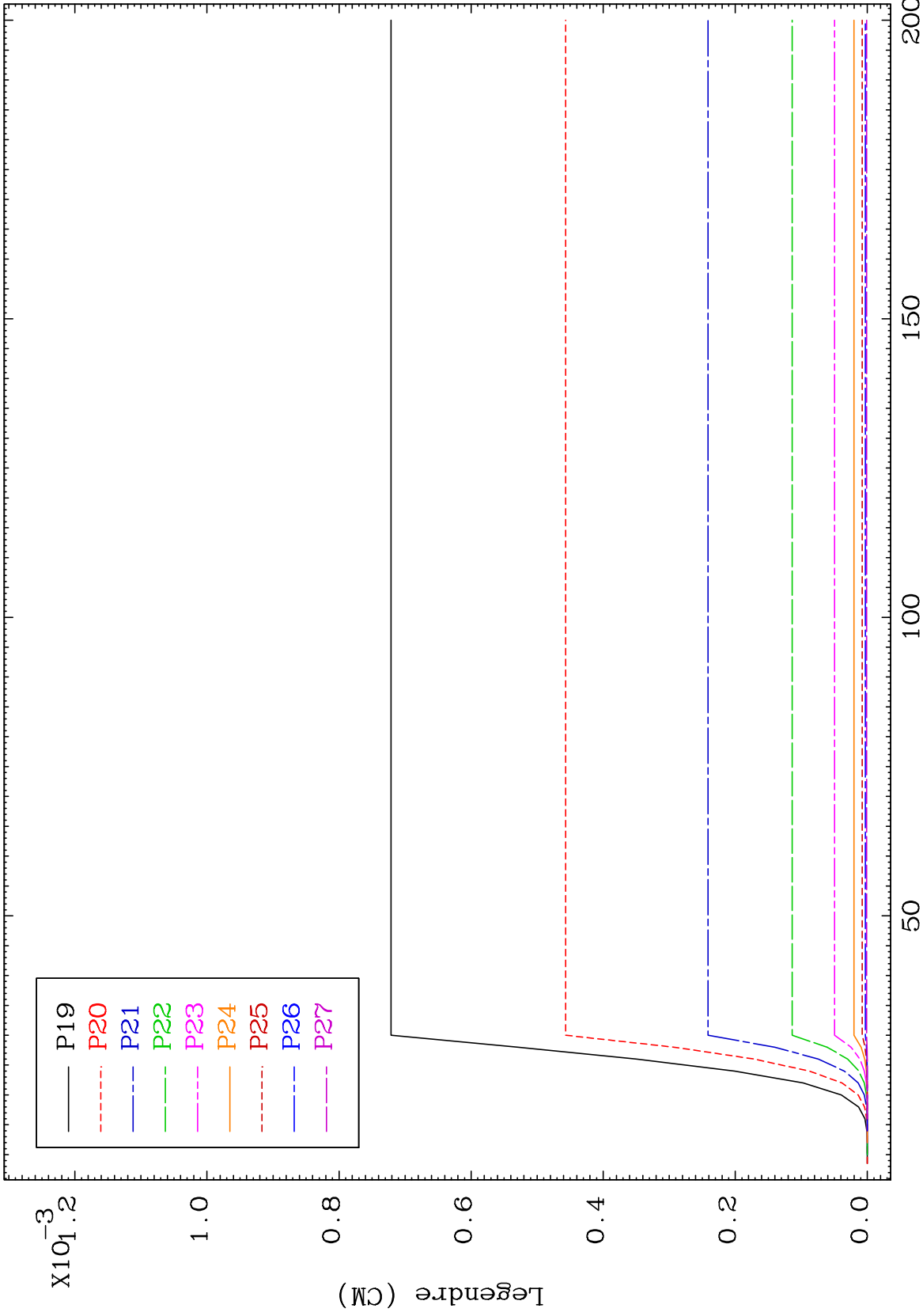
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104



125

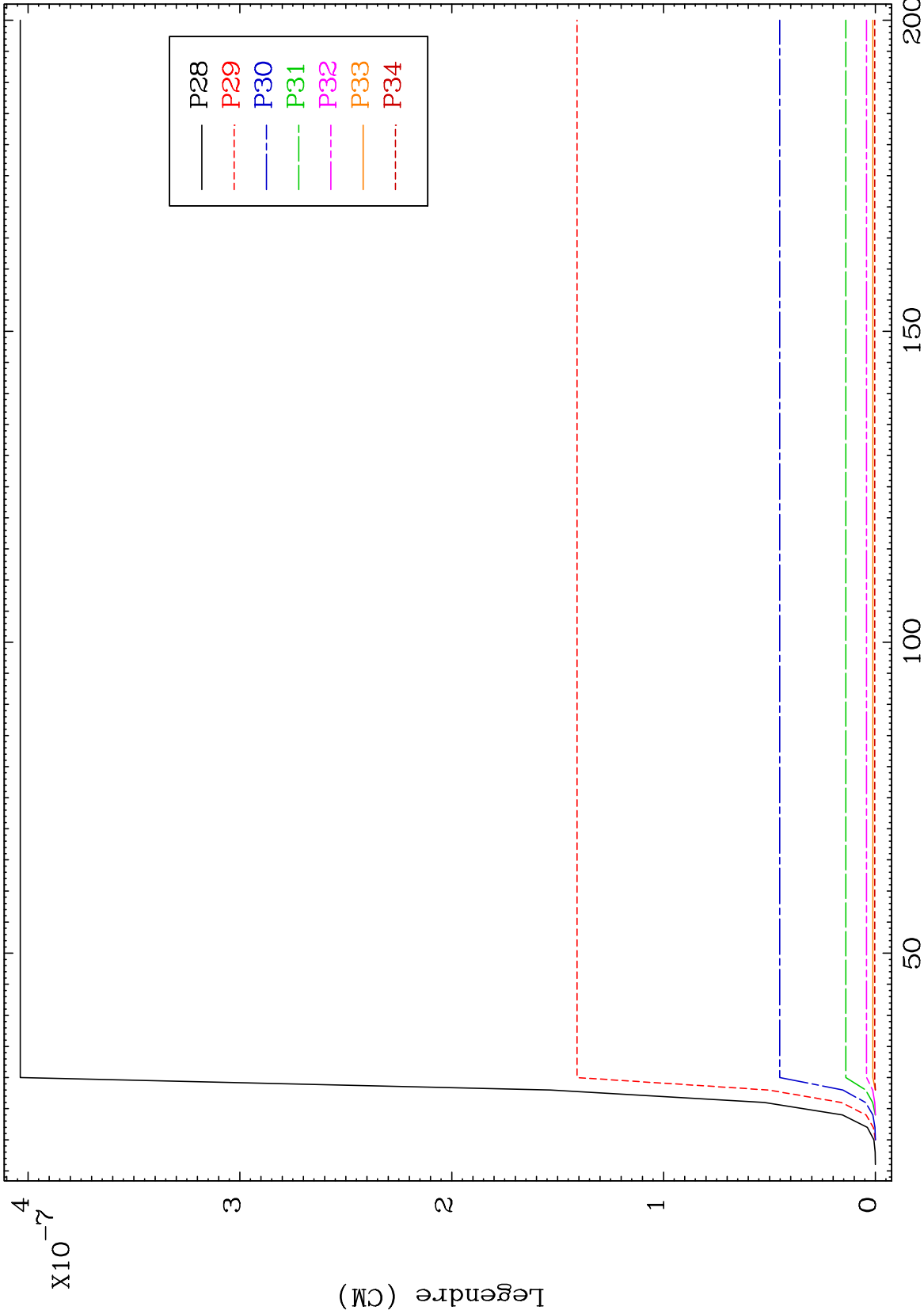
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

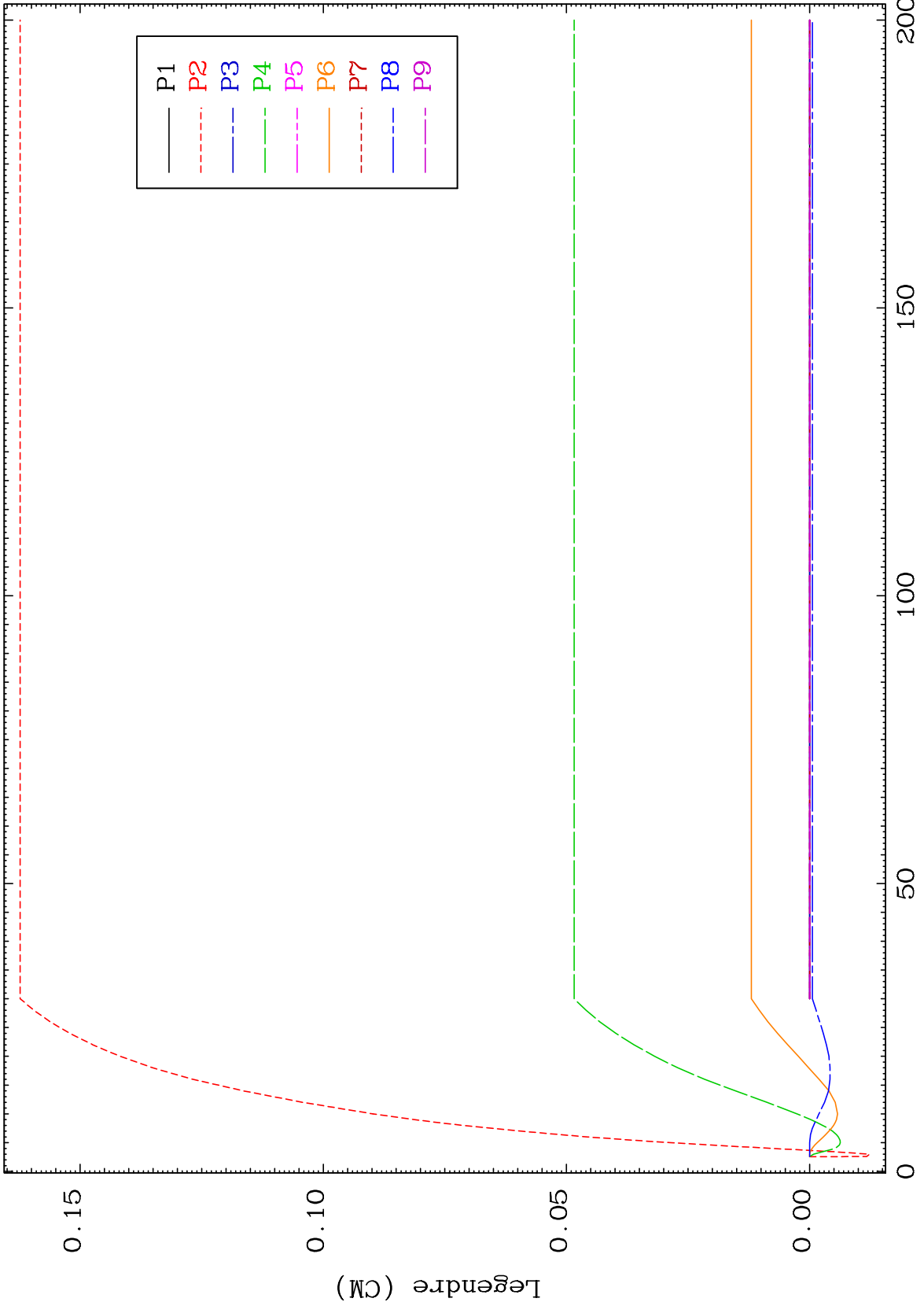
44-Ru-104



126

44-Ru-104

MAT 4449 MT= 79 (n,n') Level Legendre Coefficients 44-Ru-104

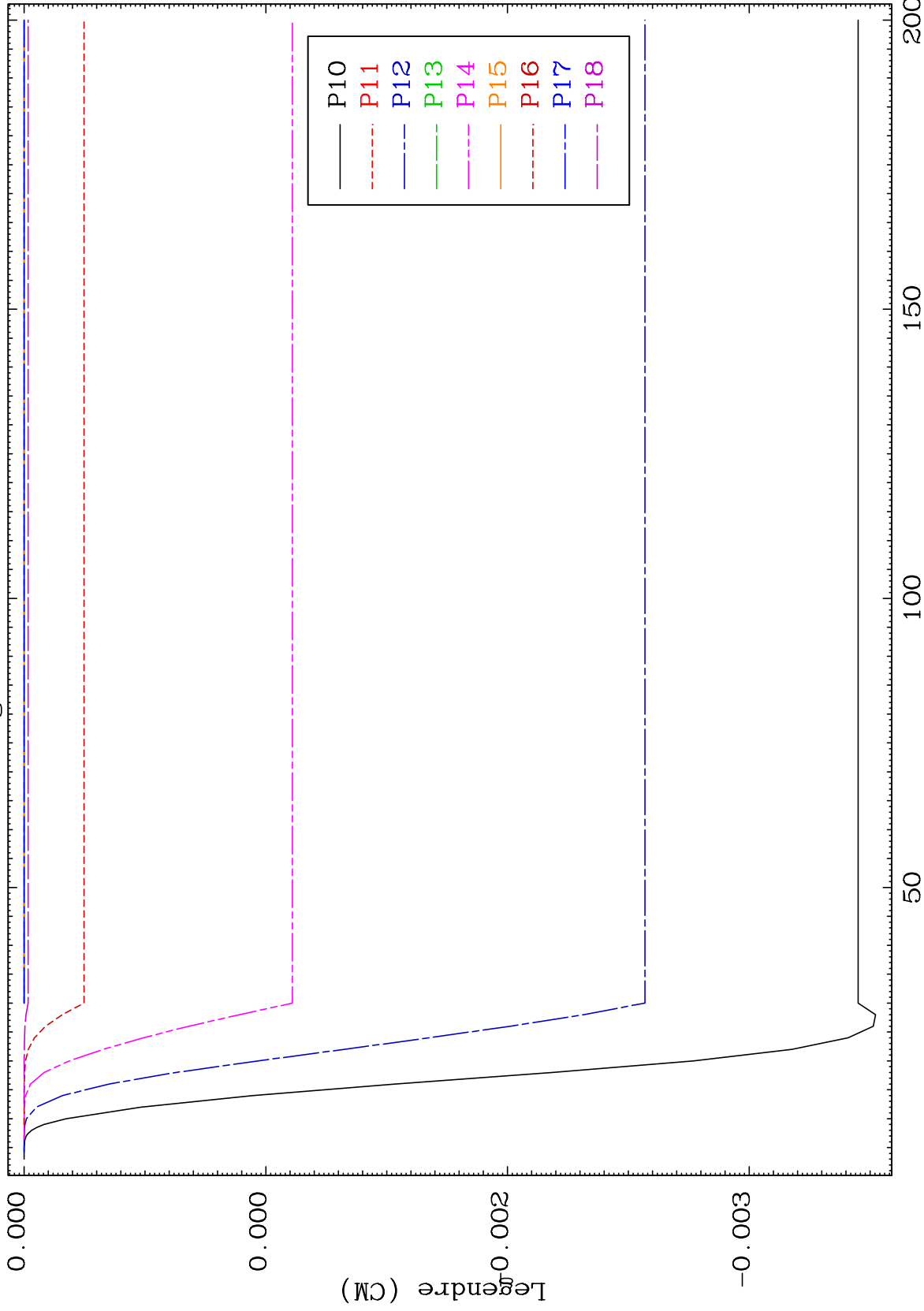


127 44-Ru-104

MAT 4449

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

44-Ru-104



128

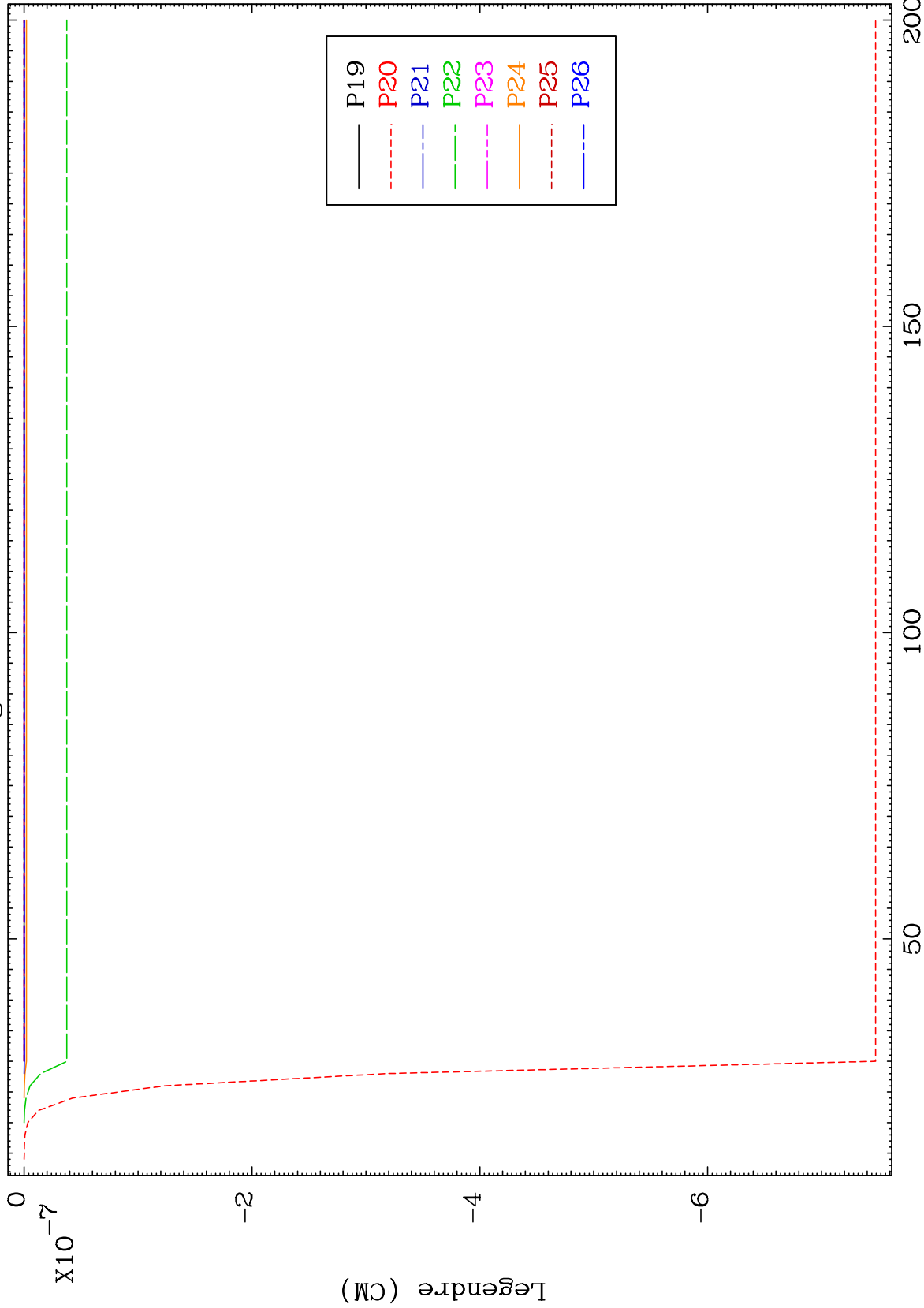
Incident Energy (MeV)

44-Ru-104

MAT 4449

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

44-Ru-104

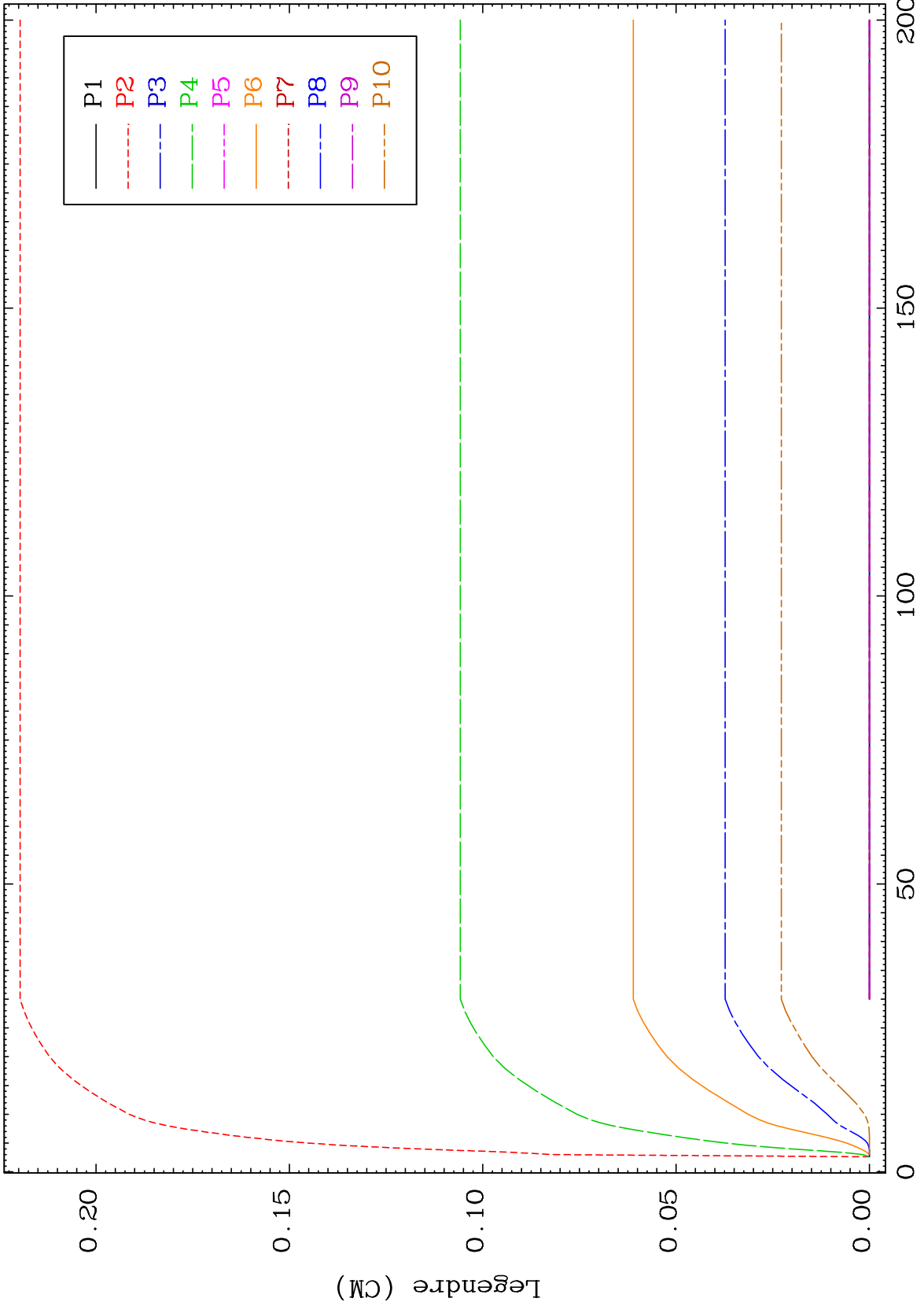


129

Incident Energy (MeV)

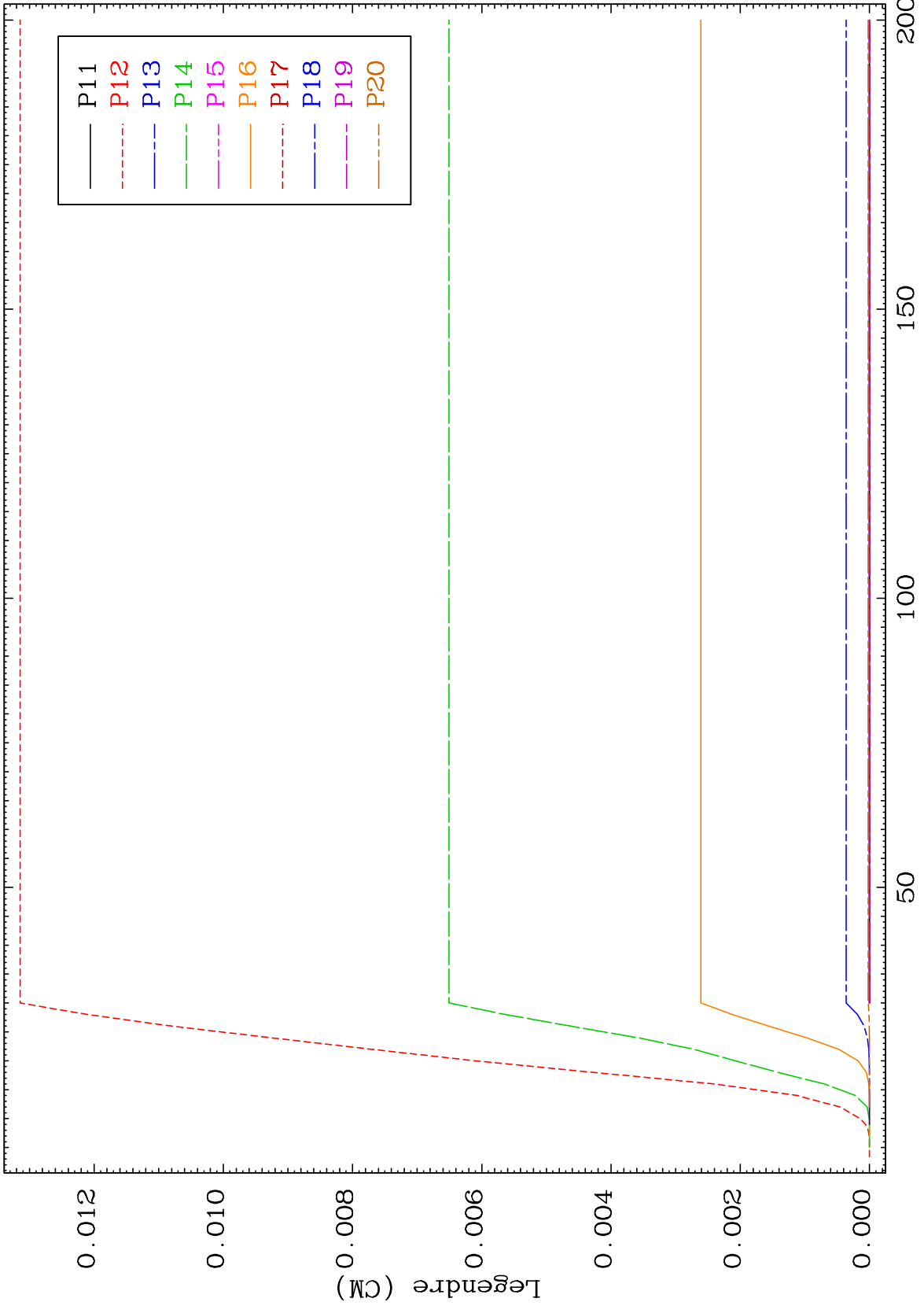
44-Ru-104

MAT 4449 MT= 80 (n,n') Level Legendre Coefficients 44-Ru-104



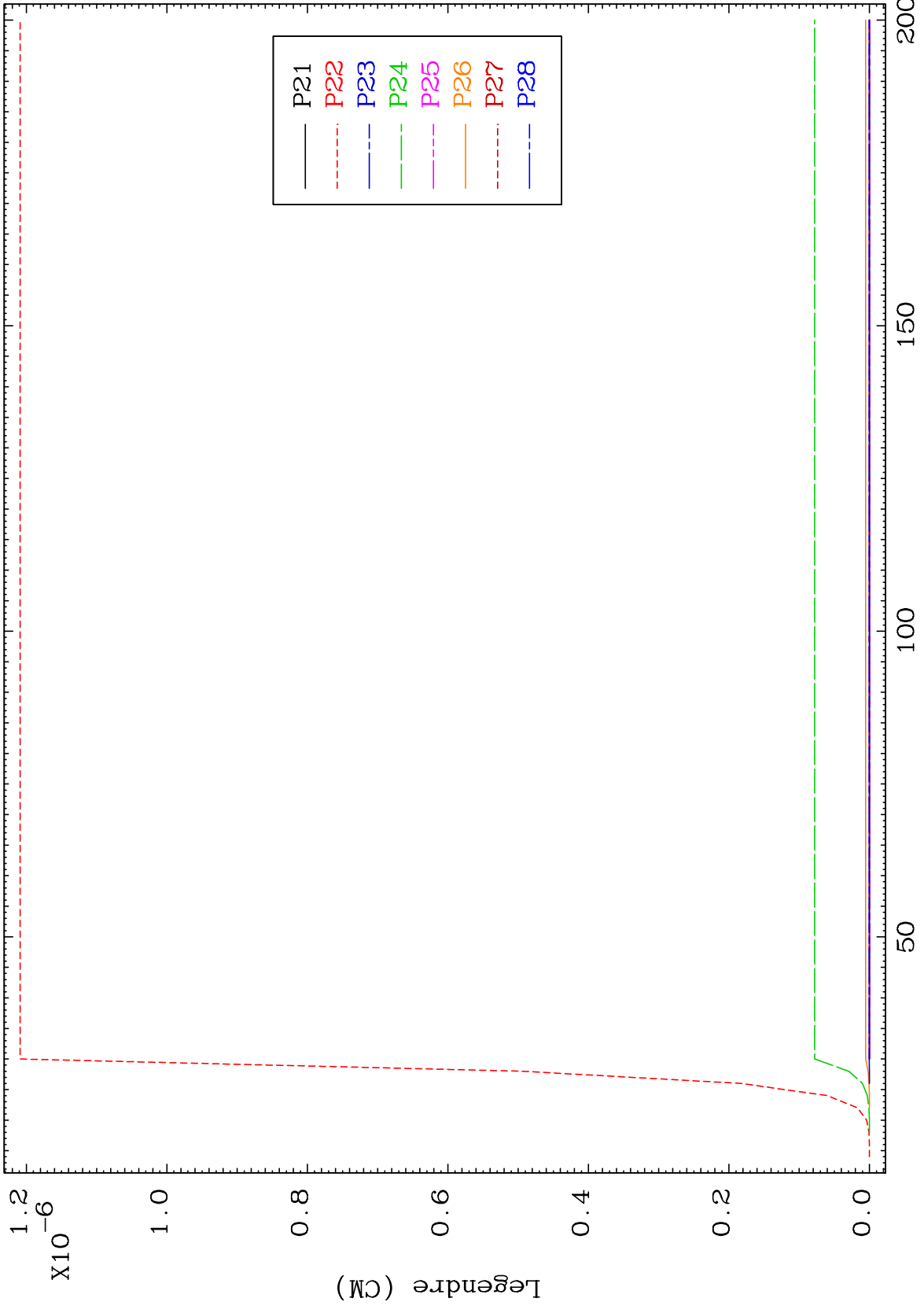
130 44-Ru-104

MAT 4449 MT= 80 (n,n') Level Legendre Coefficients 44-Ru-104



131 44-Ru-104

MAT 4449 MT= 80 (n,n') Level Legendre Coefficients 44-Ru-104



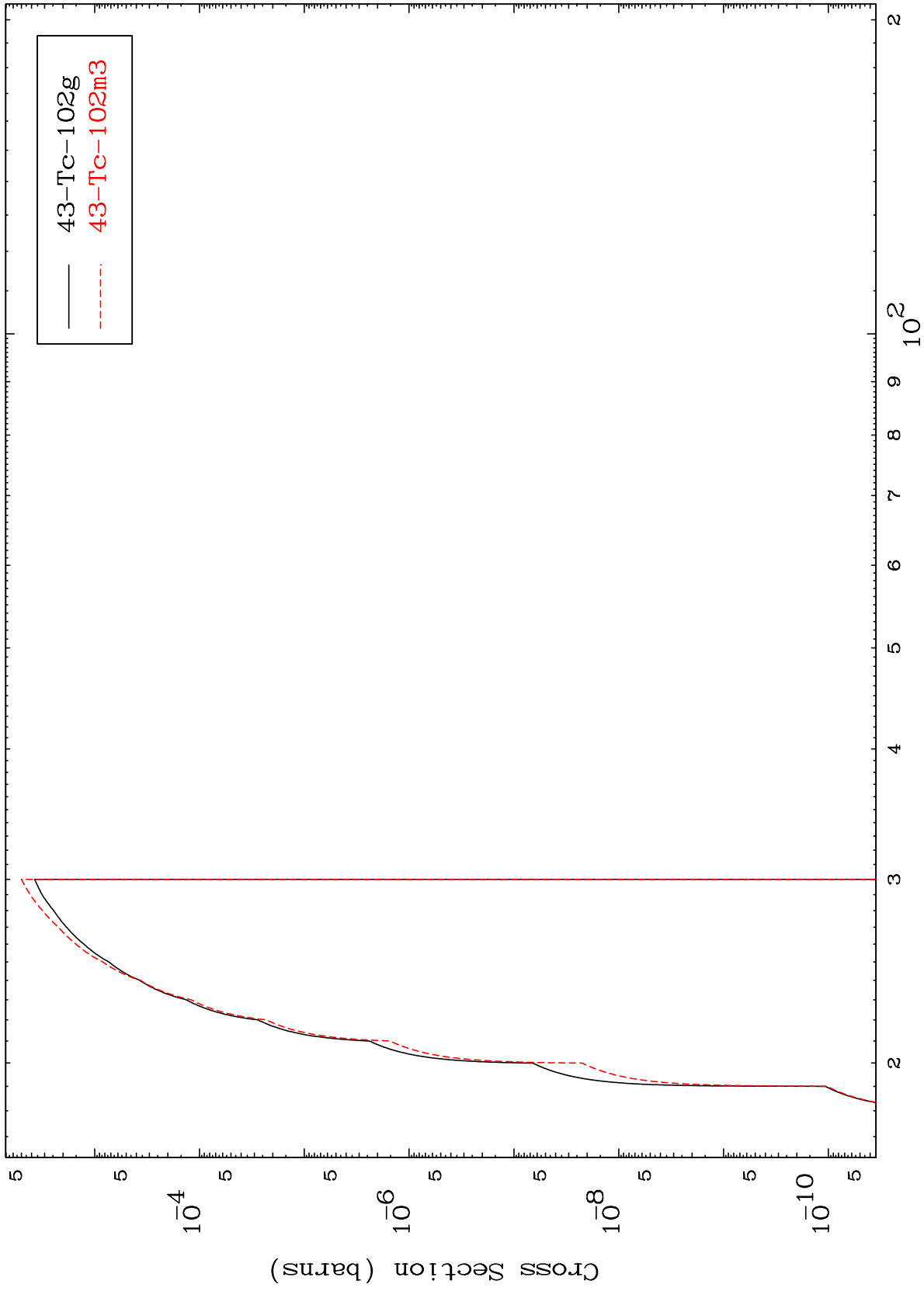
132 Incident Energy (MeV) 44-Ru-104

MAT 4449

(n,n') d

44-Ru-104

Radionuclide Production Cross Section



133

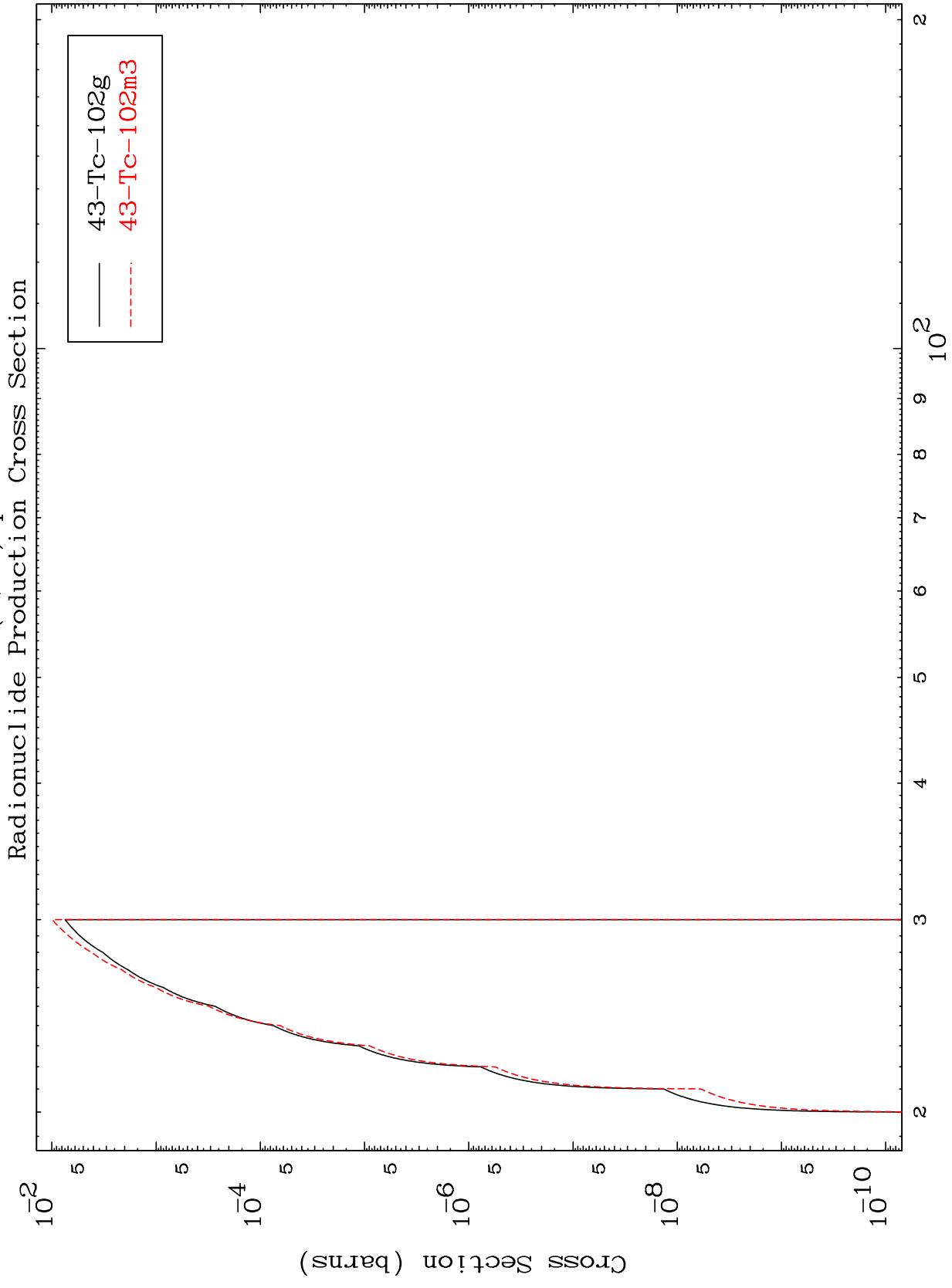
Incident Energy (MeV)

44-Ru-104

MAT 4449

(n,2n) p

44-Ru-104



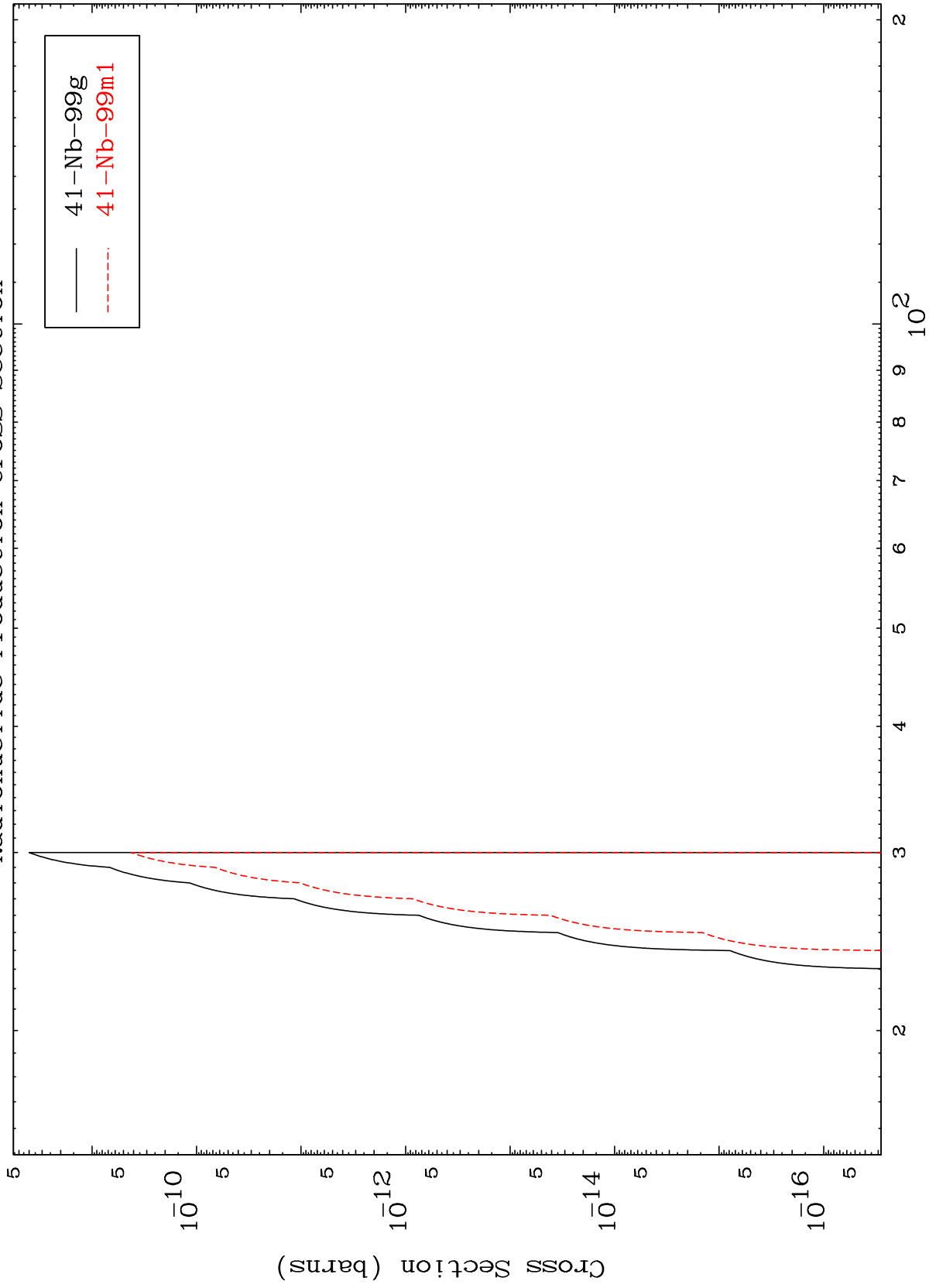
134

44-Ru-104

MAT 4449

44-Ru-104

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



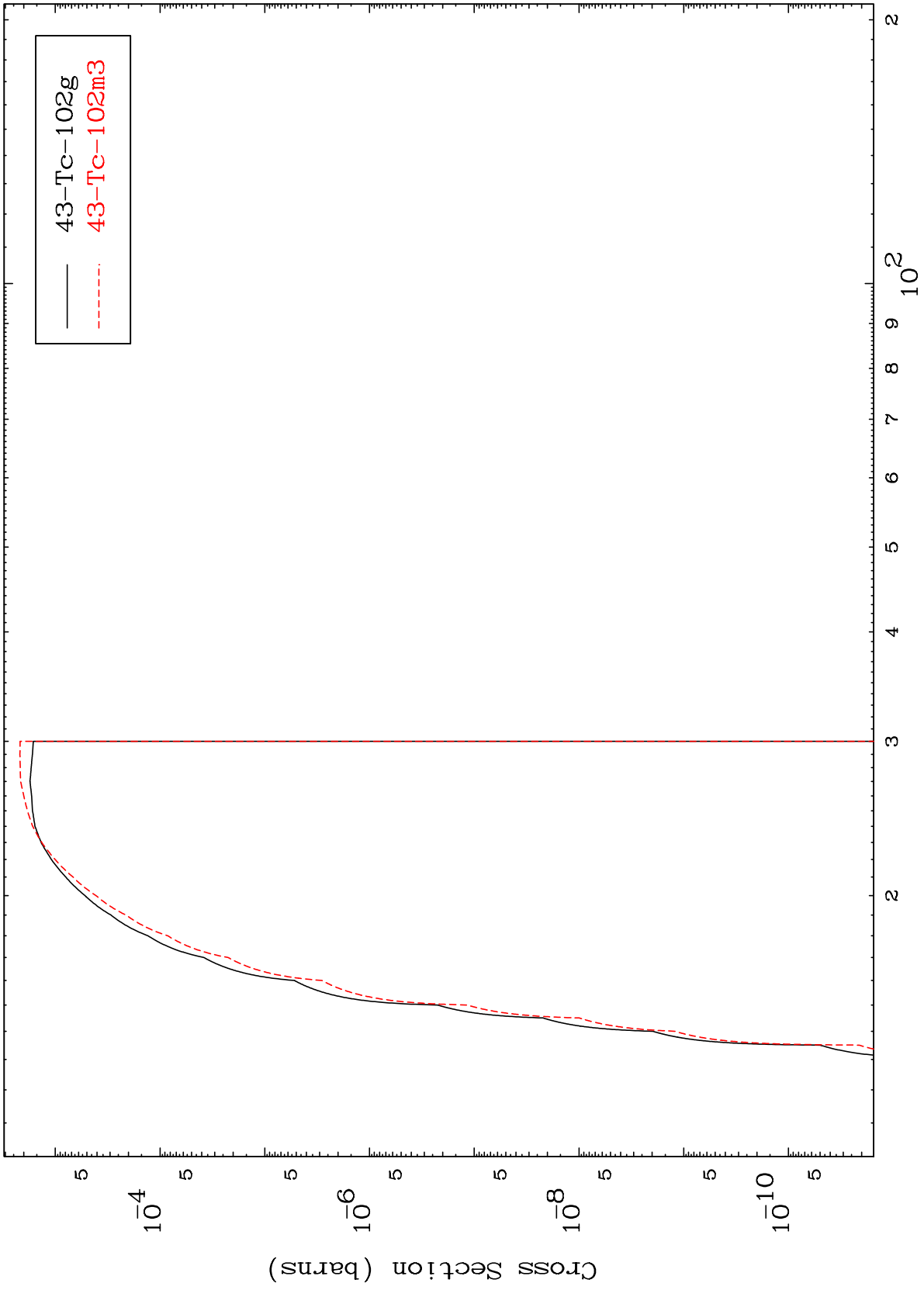
135

44-Ru-104

MAT 4449

44-Ru-104

(n, t)  
Radionuclide Production Cross Section



136

44-Ru-104

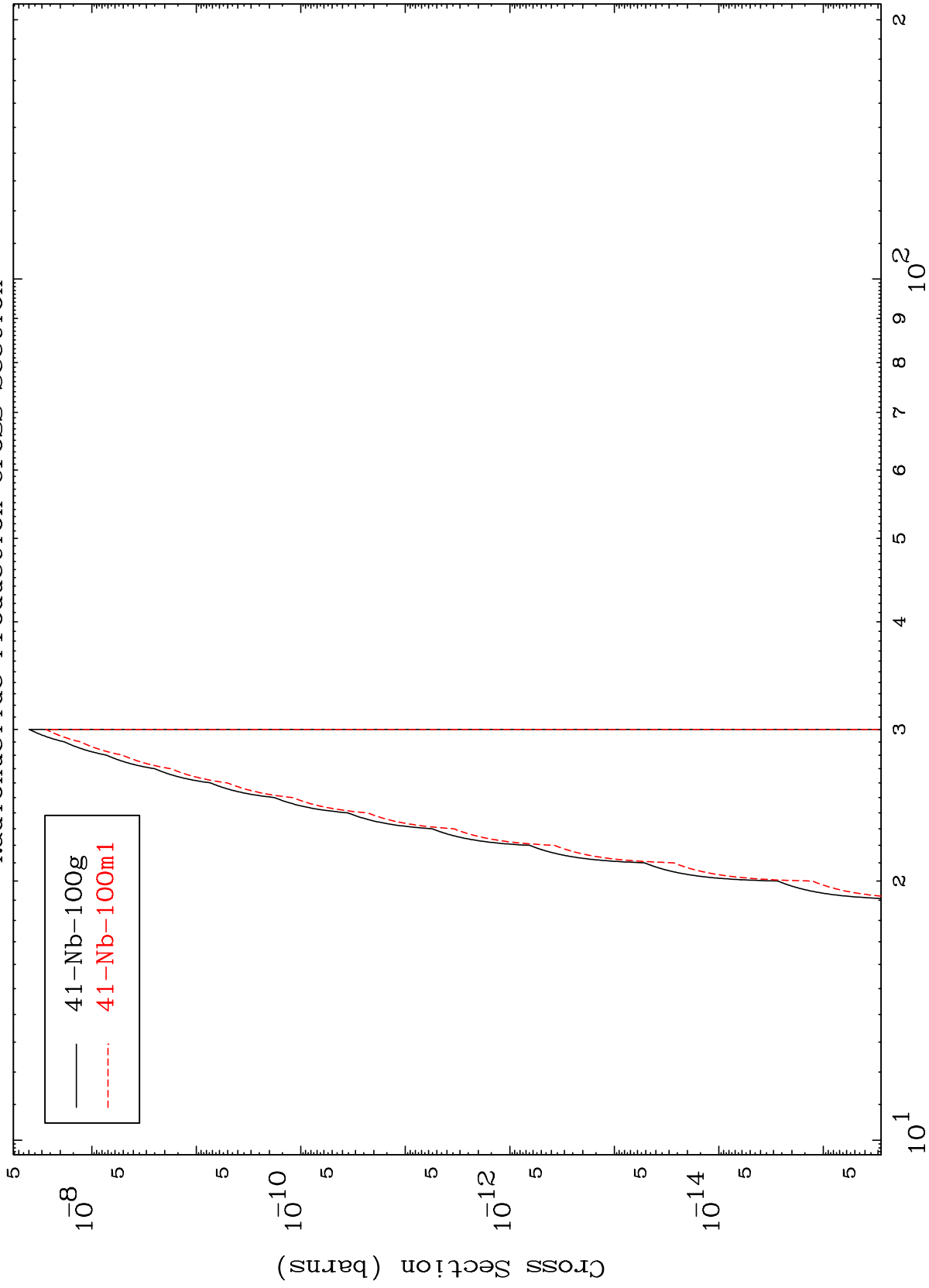
Incident Energy (MeV)

MAT 4449

(n,p)  $\alpha$

44-Ru-104

Radionuclide Production Cross Section



137

44-Ru-104