

Program EVALPLOT
(Version 2018-1)

by

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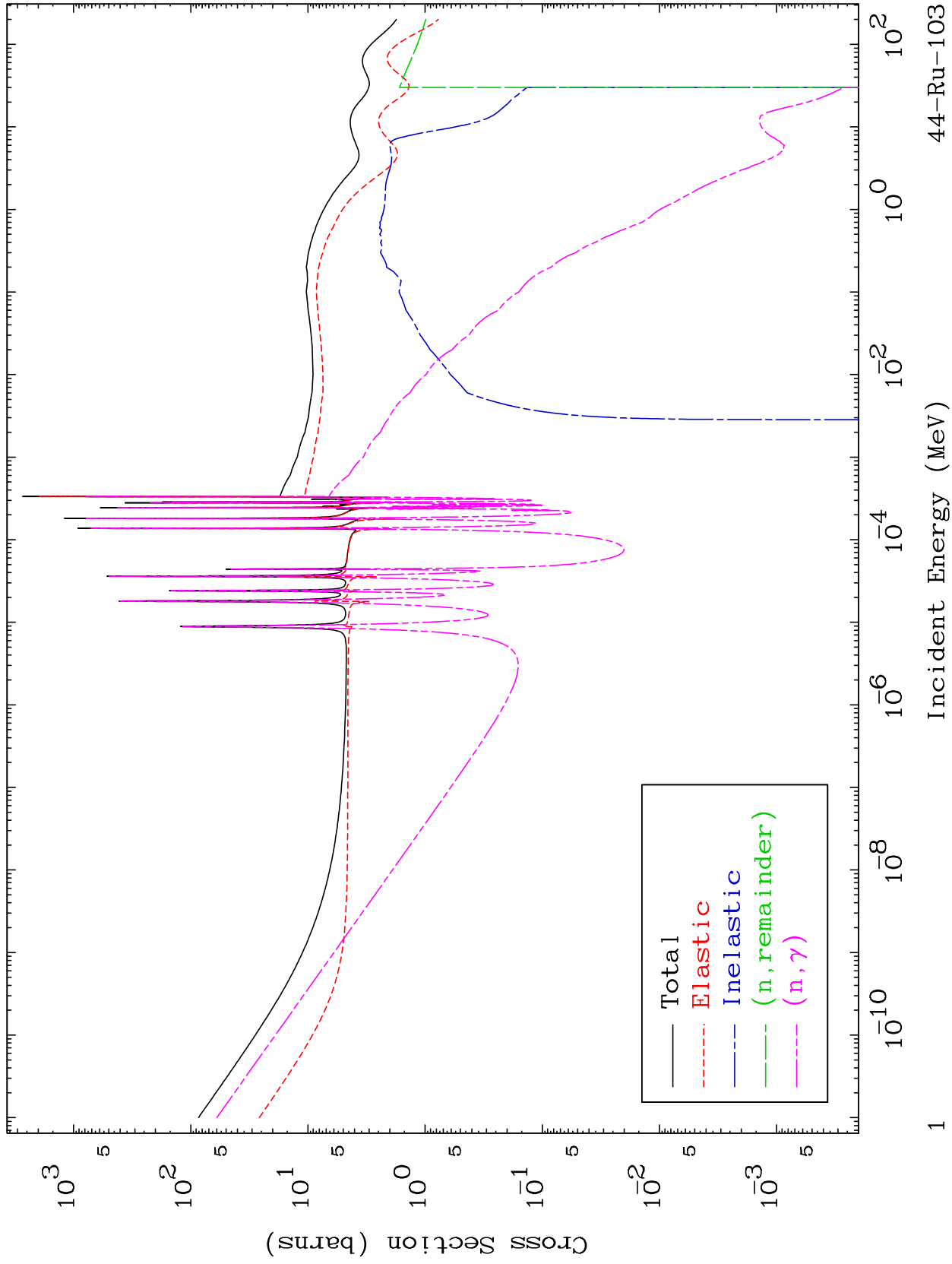
Press Mouse Button to Start

MAT 4446

Major

44-Ru-103

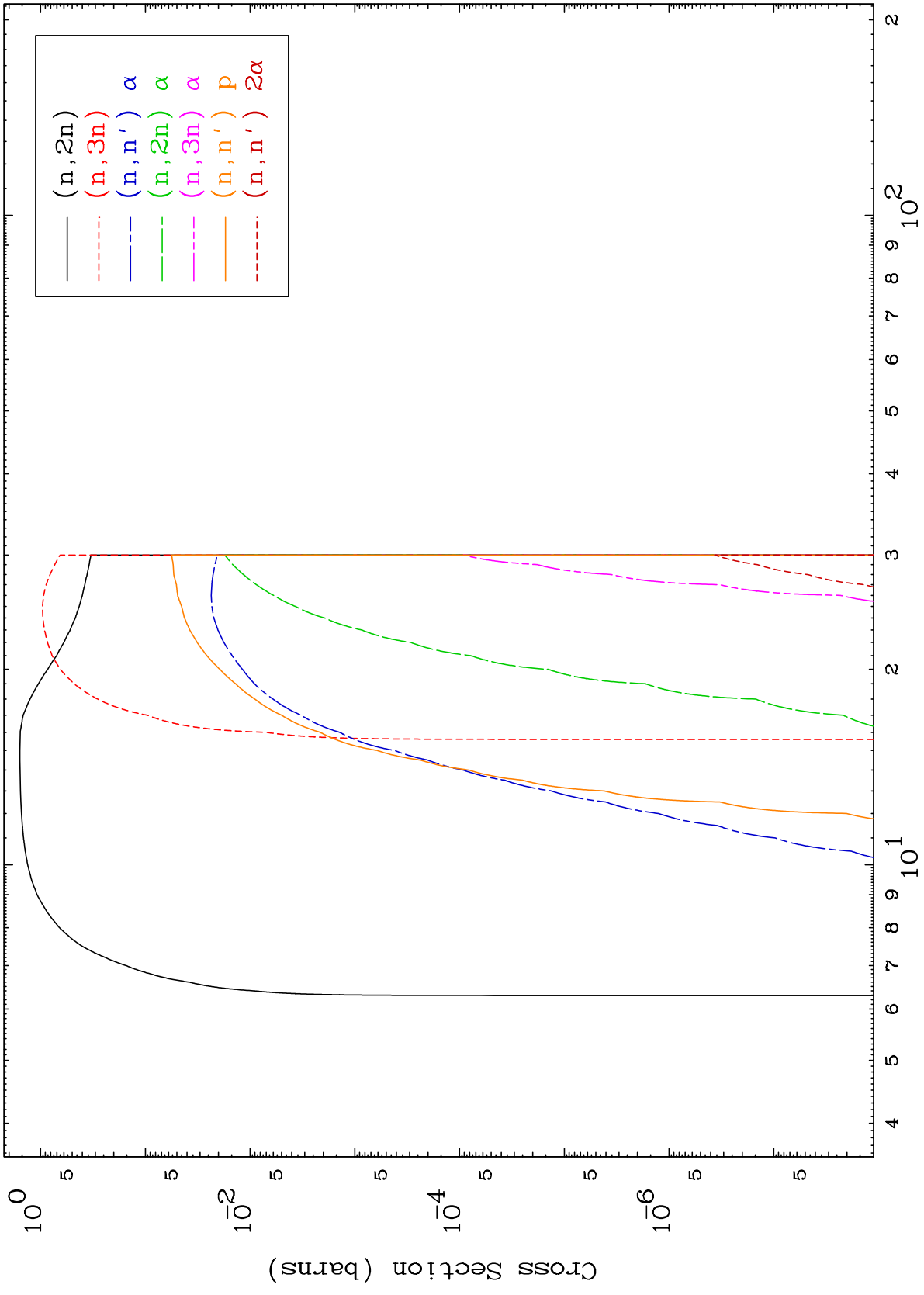
293 Kelvin Cross Sections



MAT 4446

Neutron Production
293 Kelvin Cross Sections

44-Ru-103



2

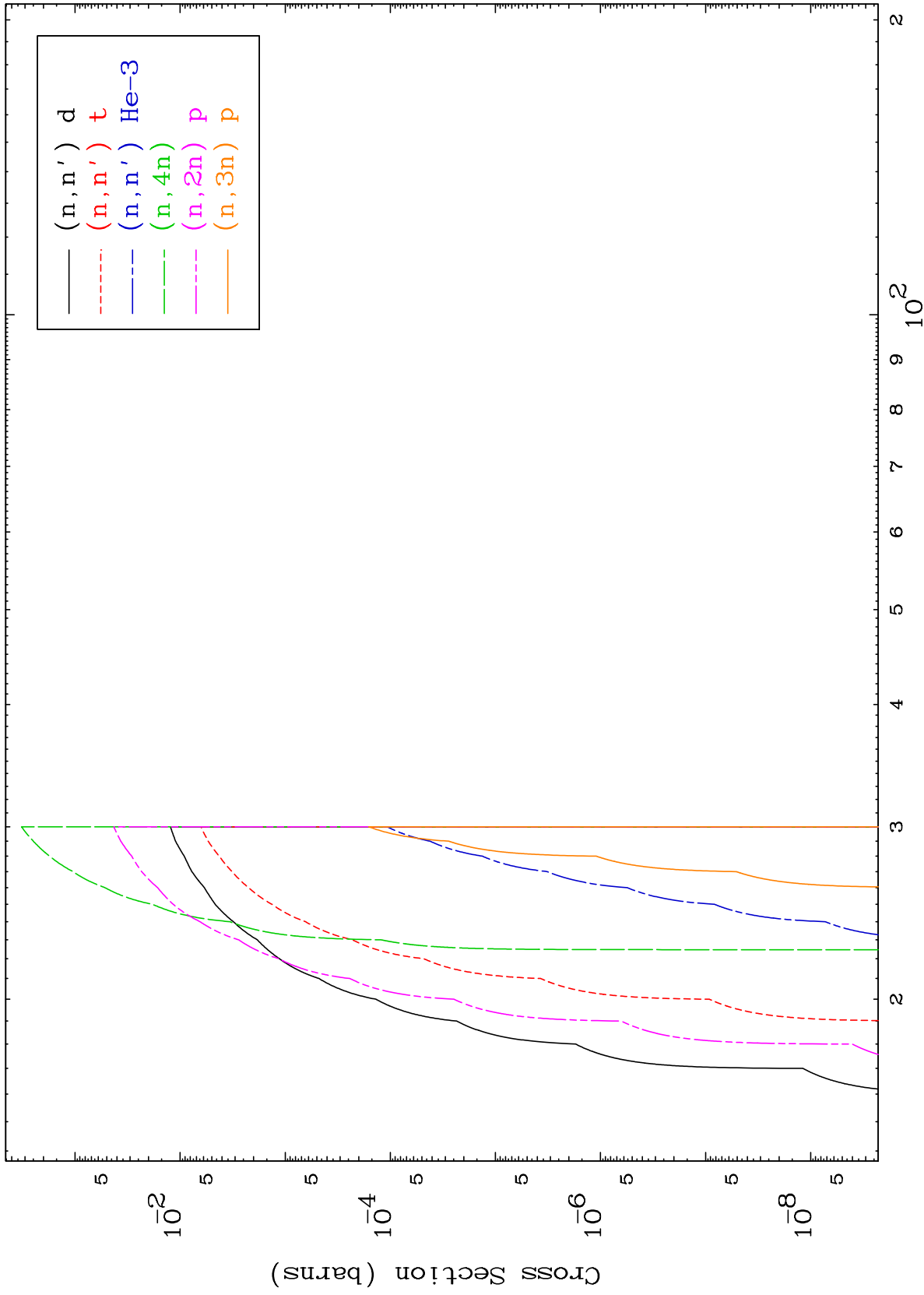
Incident Energy (MeV)

44-Ru-103

MAT 4446

Neutron Production
293 Kelvin Cross Sections

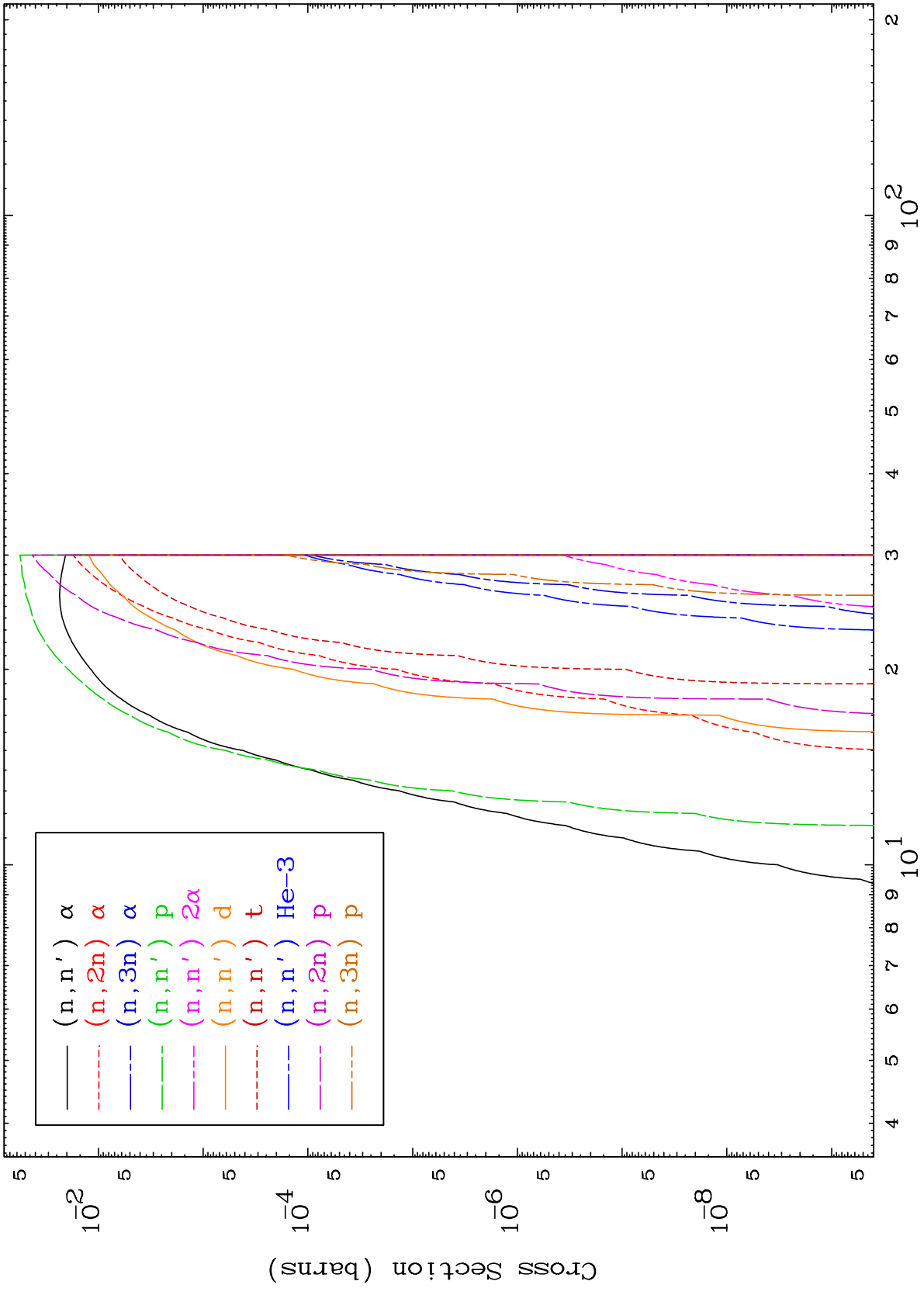
44-Ru-103



3

Incident Energy (MeV)

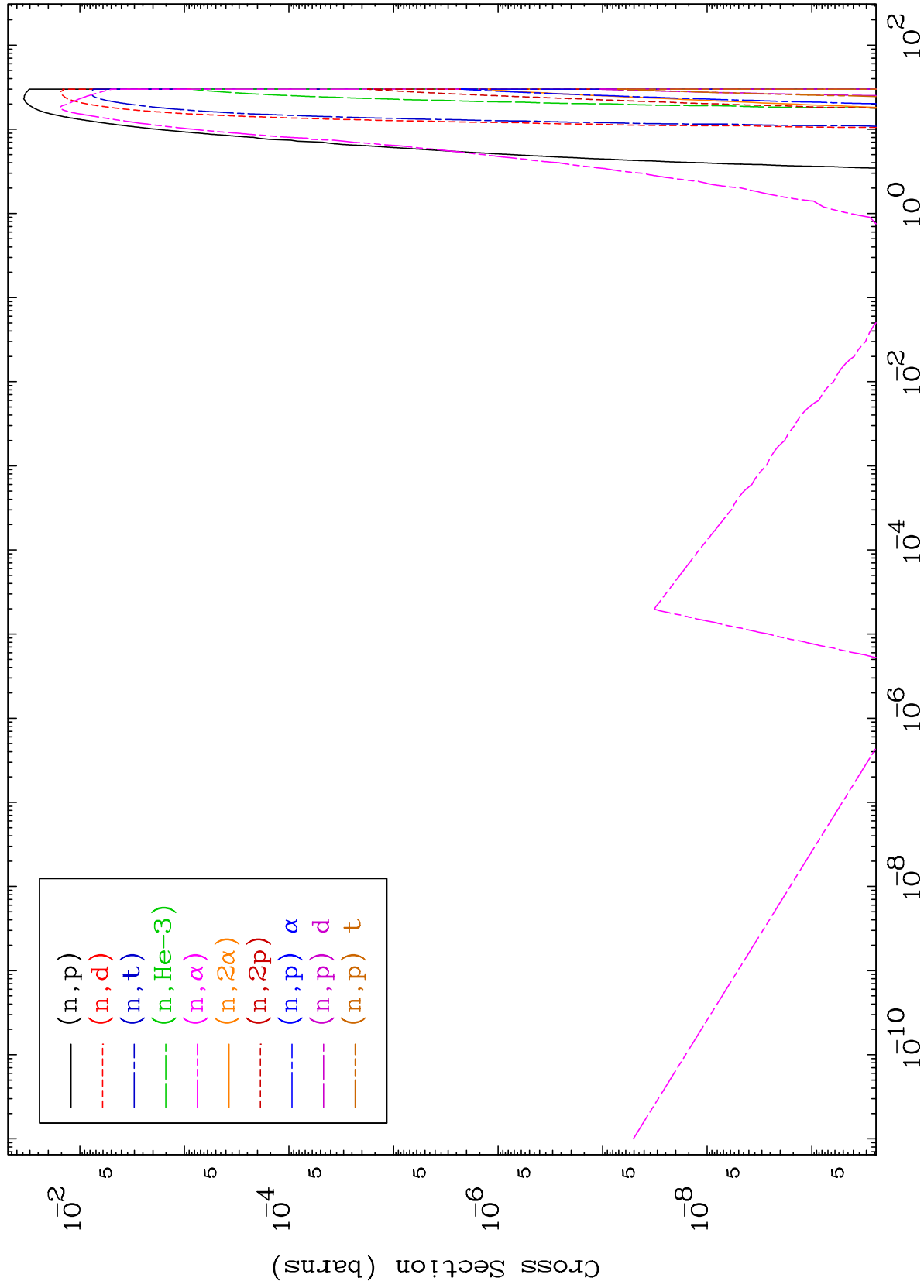
44-Ru-103



MAT 4446

293 Kelvin Cross Sections

44-Ru-103



5

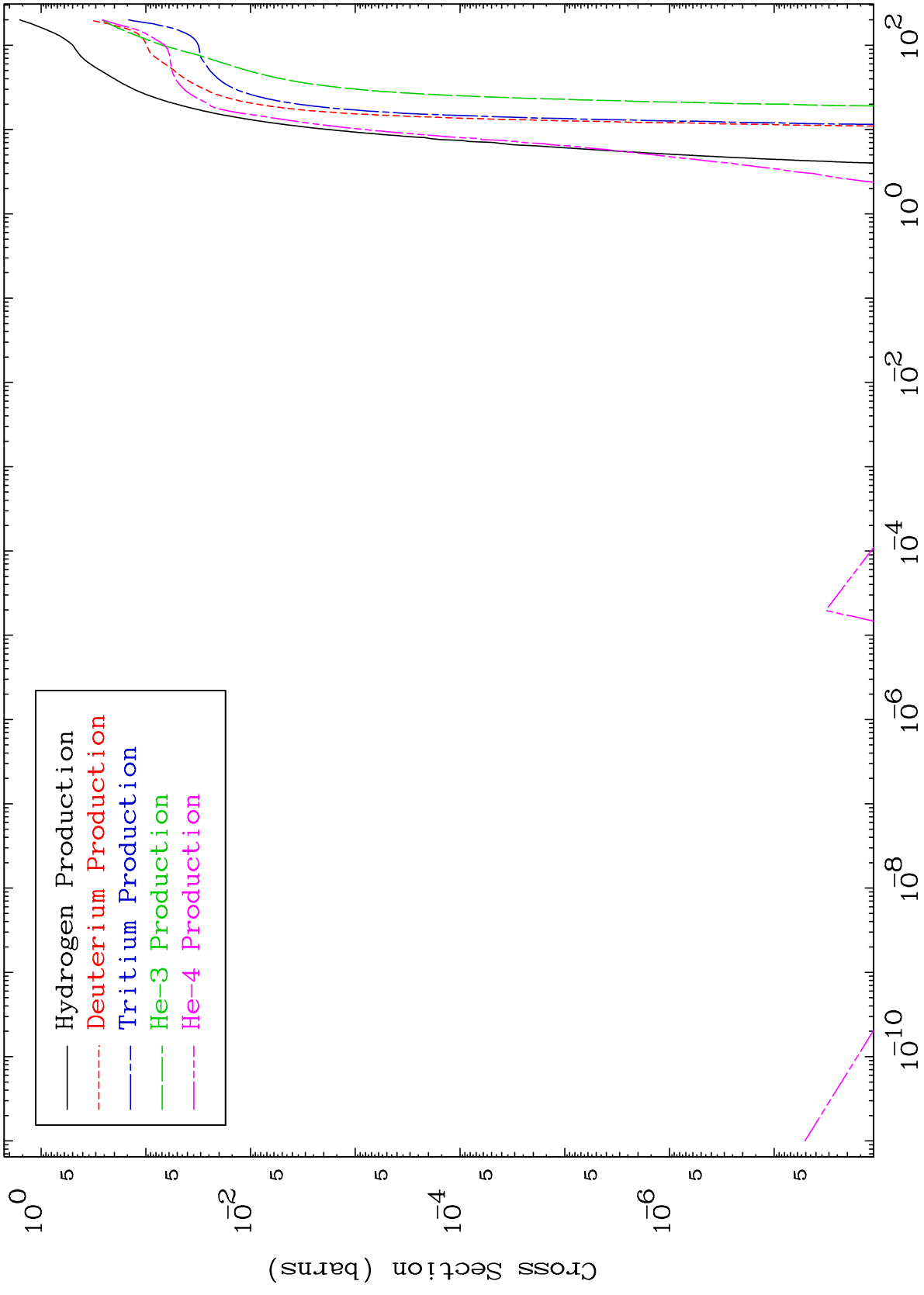
Incident Energy (MeV)

44-Ru-103

MAT 4446

Particle Production
293 Kelvin Cross Sections

44-Ru-103



6

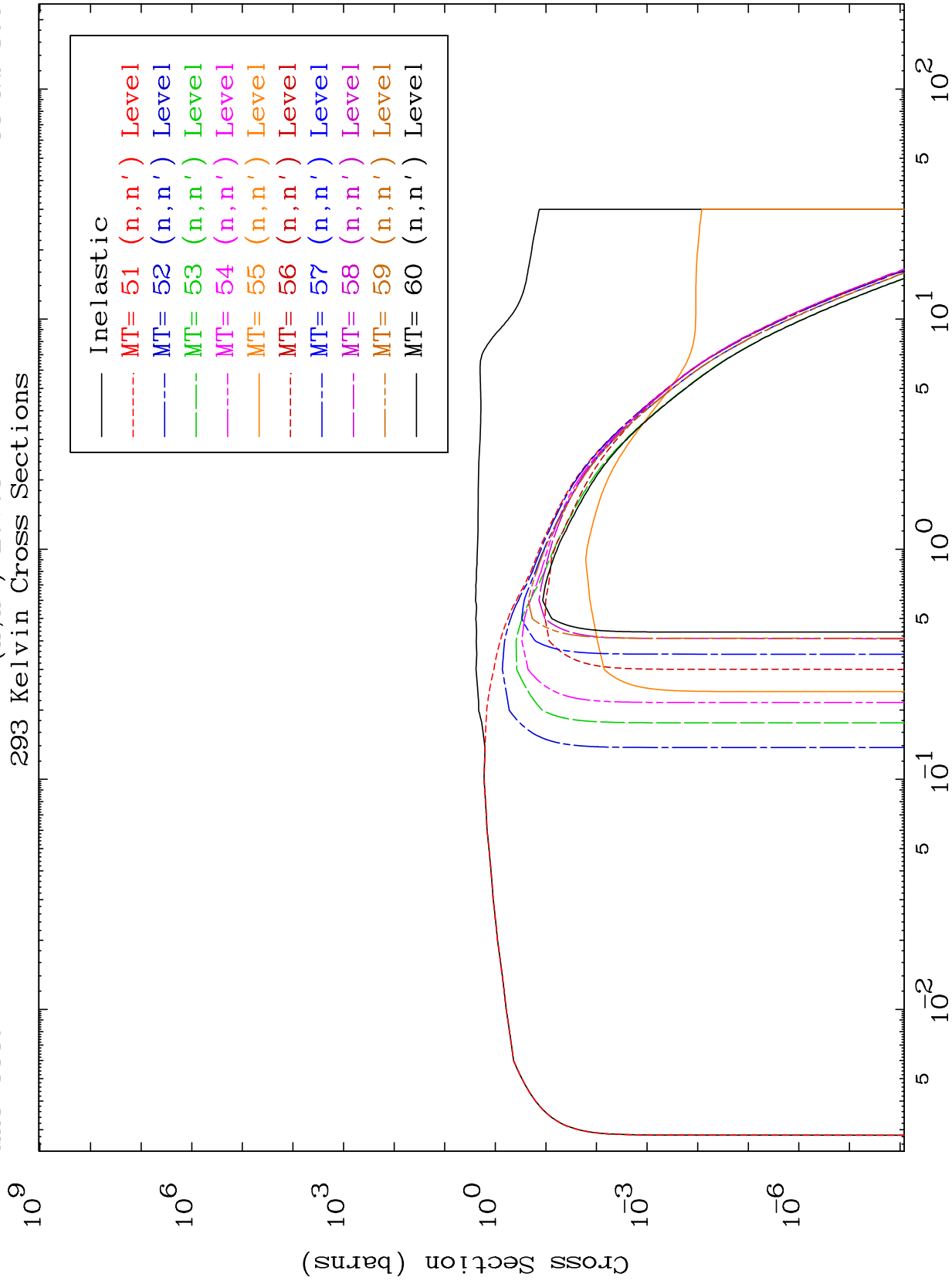
44-Ru-103

MAT 4446

(n,n') Level

293 Kelvin Cross Sections

44-Ru-103



7

Incident Energy (MeV)

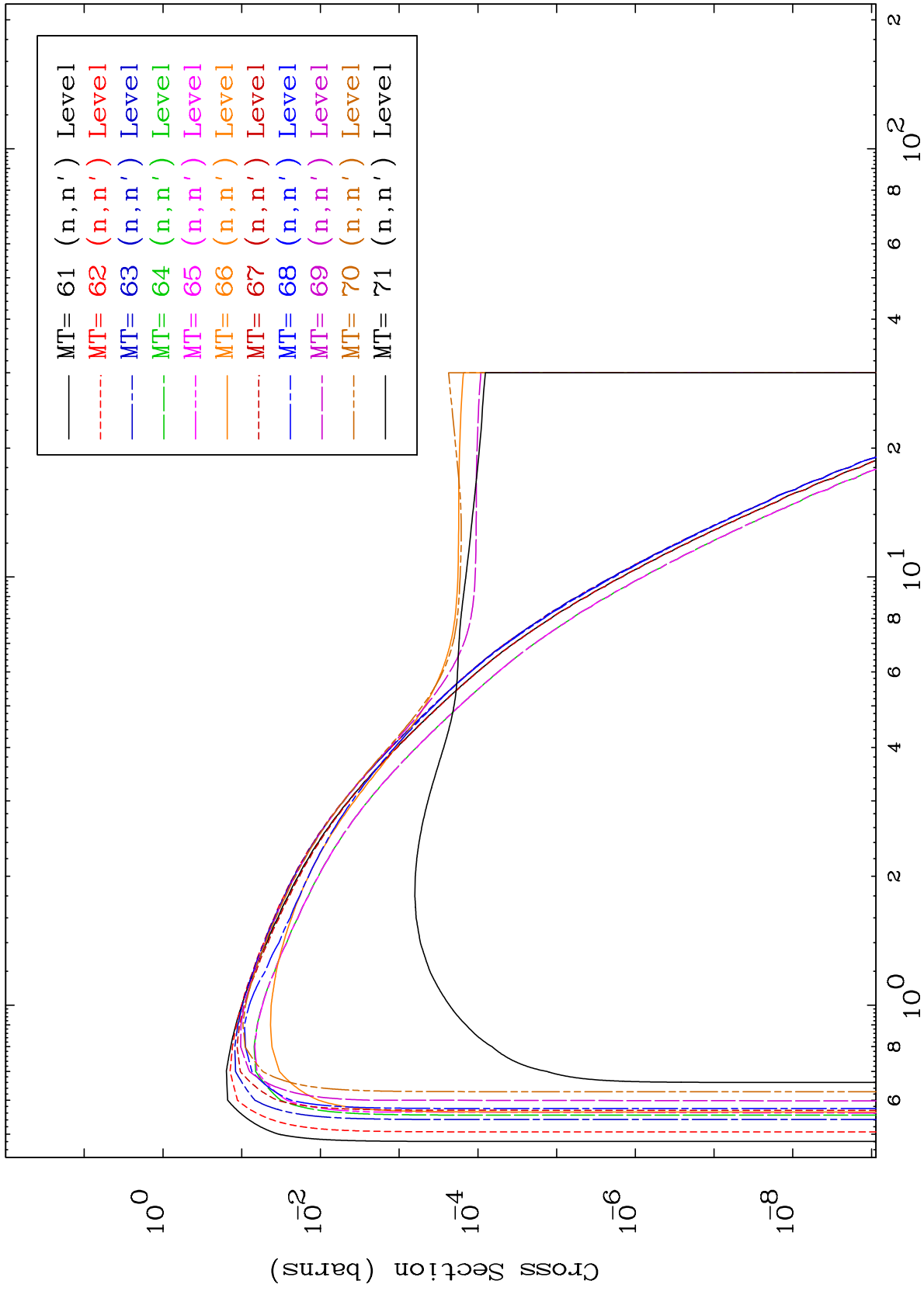
44-Ru-103

MAT 4446

(n,n') Level

44-Ru-103

293 Kelvin Cross Sections



8

Incident Energy (MeV)

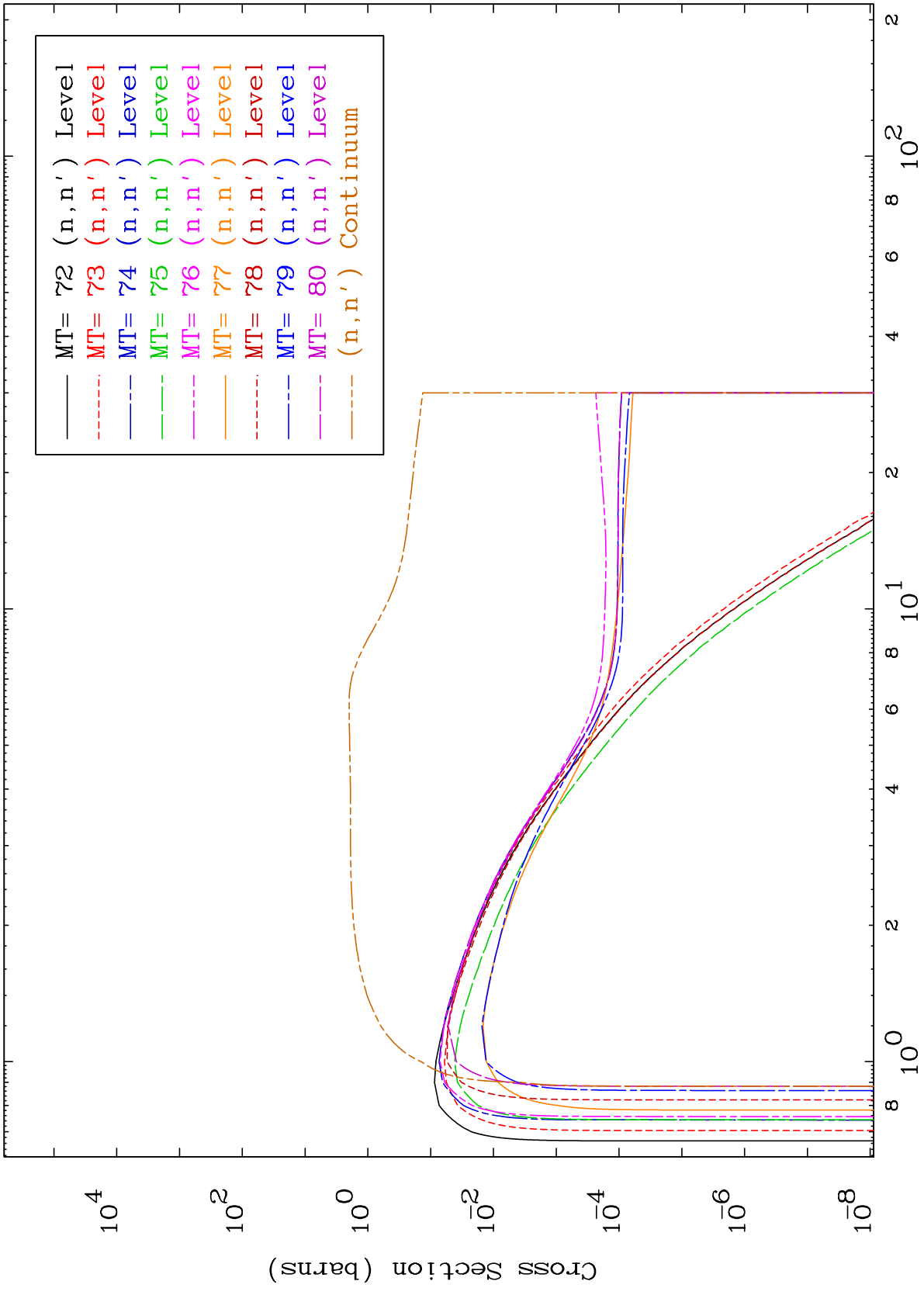
44-Ru-103

MAT 4446

(n,n') Level

44-Ru-103

293 Kelvin Cross Sections



9

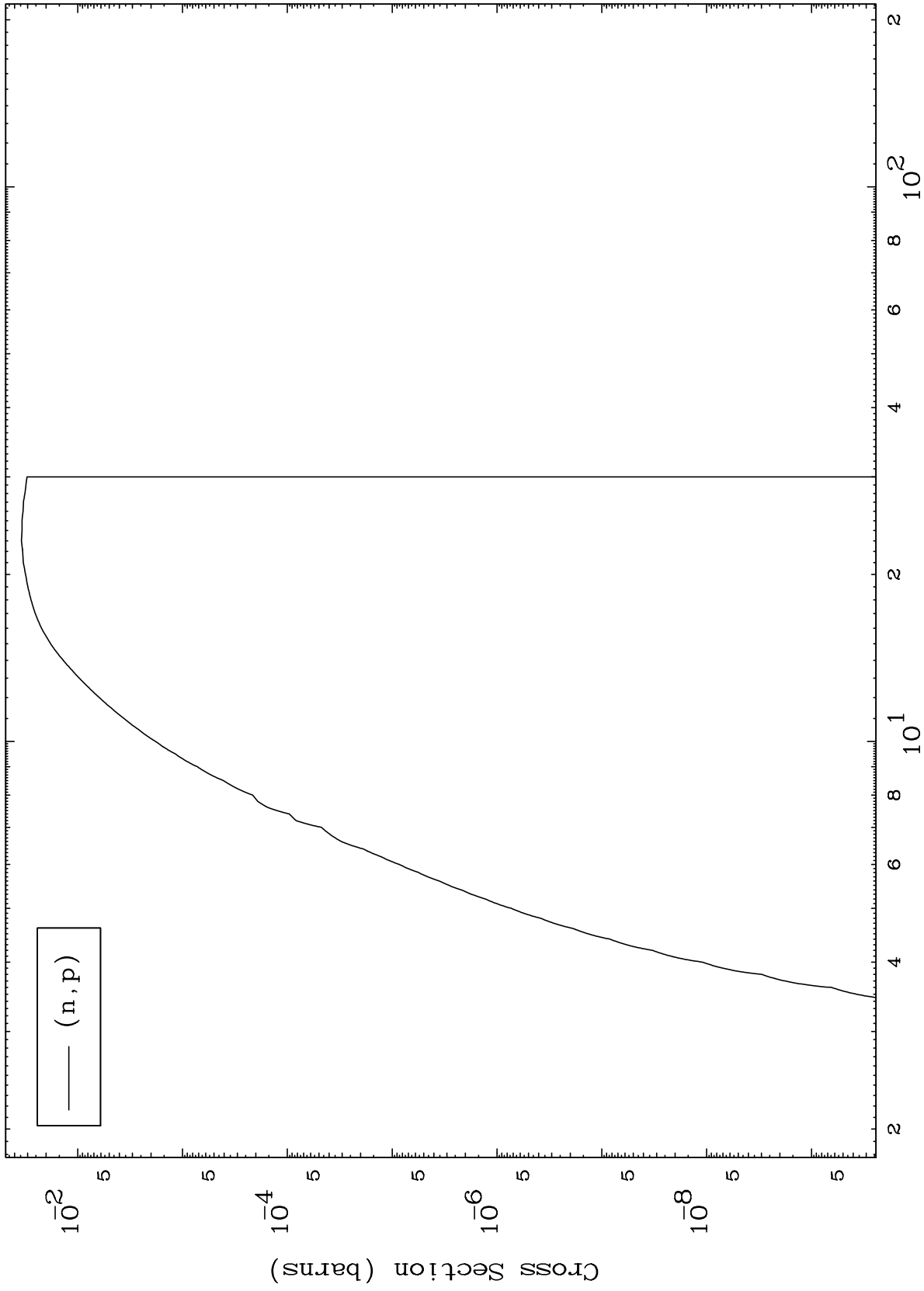
Incident Energy (MeV)

44-Ru-103

MAT 4446

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-103



10

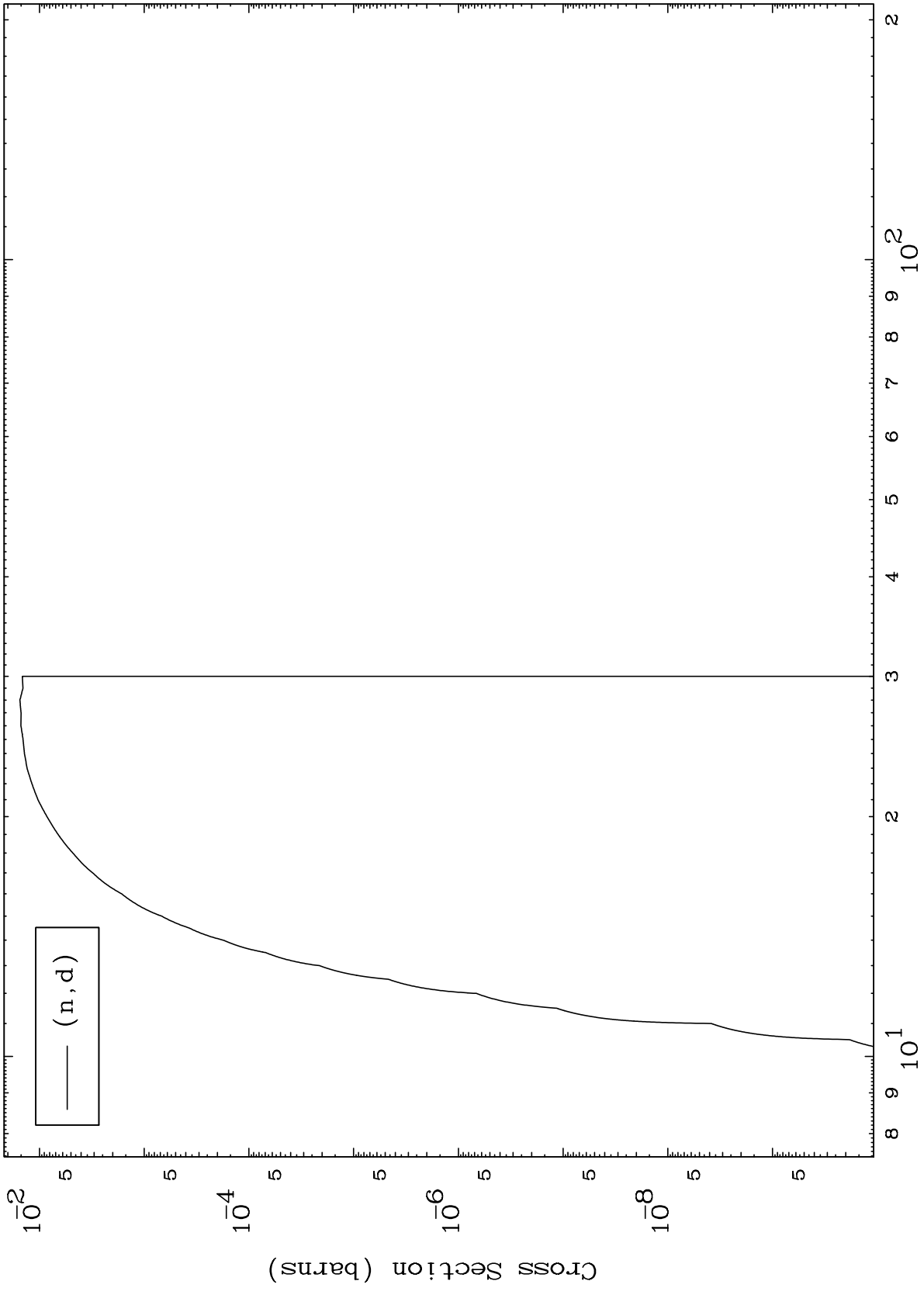
Incident Energy (MeV)

44-Ru-103

MAT 4446

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-103



11

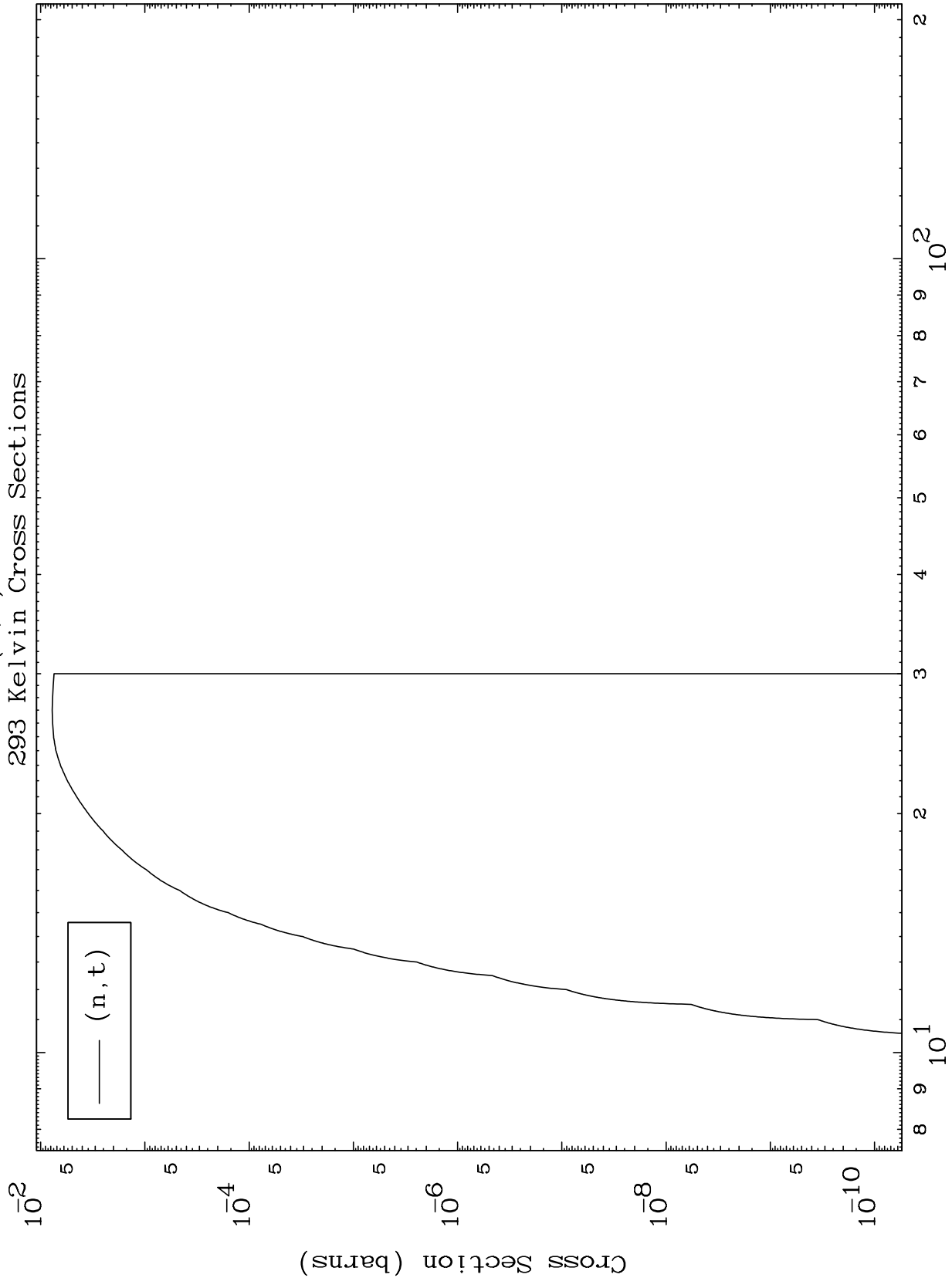
Incident Energy (MeV)

44-Ru-103

MAT 4446

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-103



12

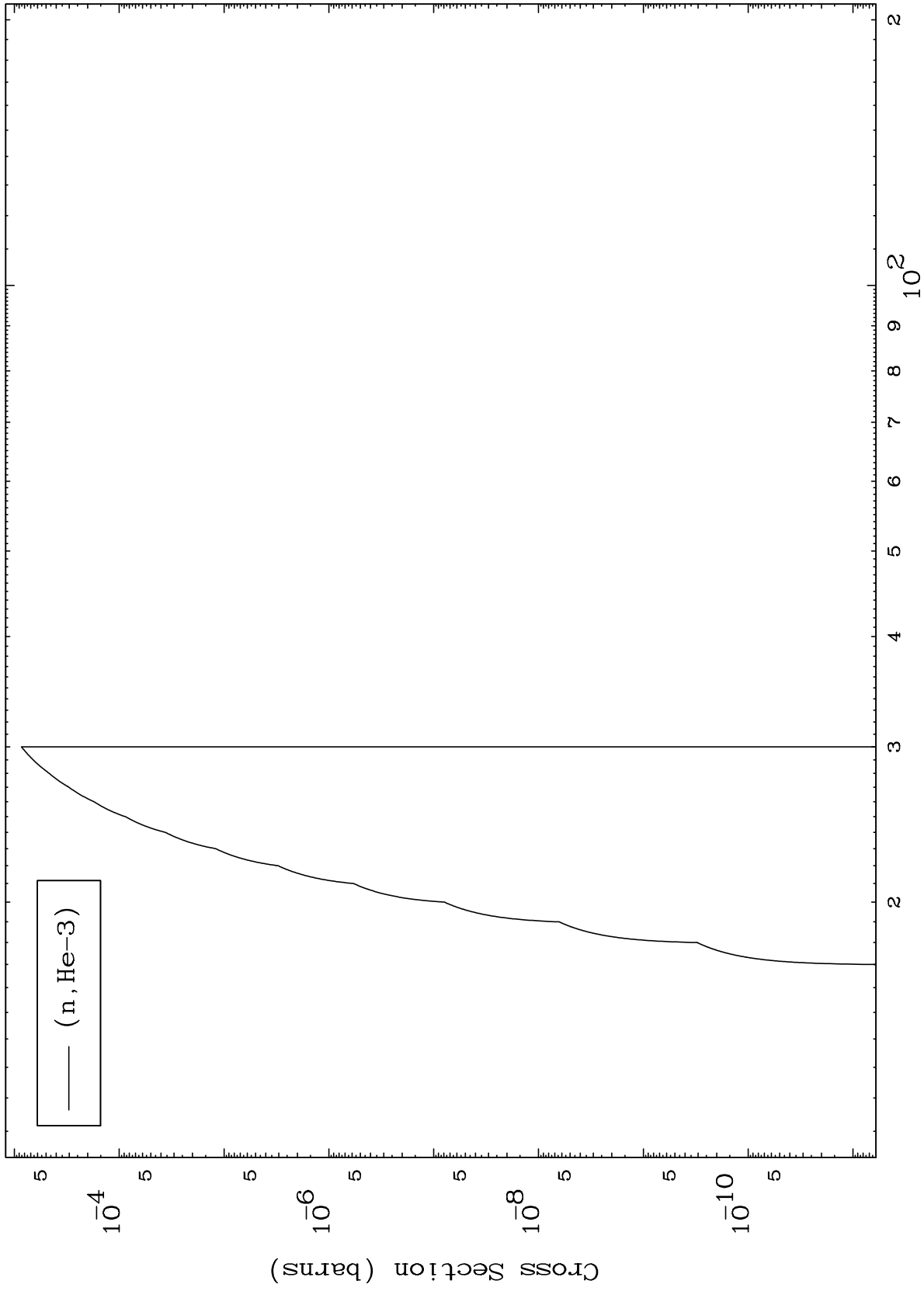
Incident Energy (MeV)

44-Ru-103

MAT 4446

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-103



13

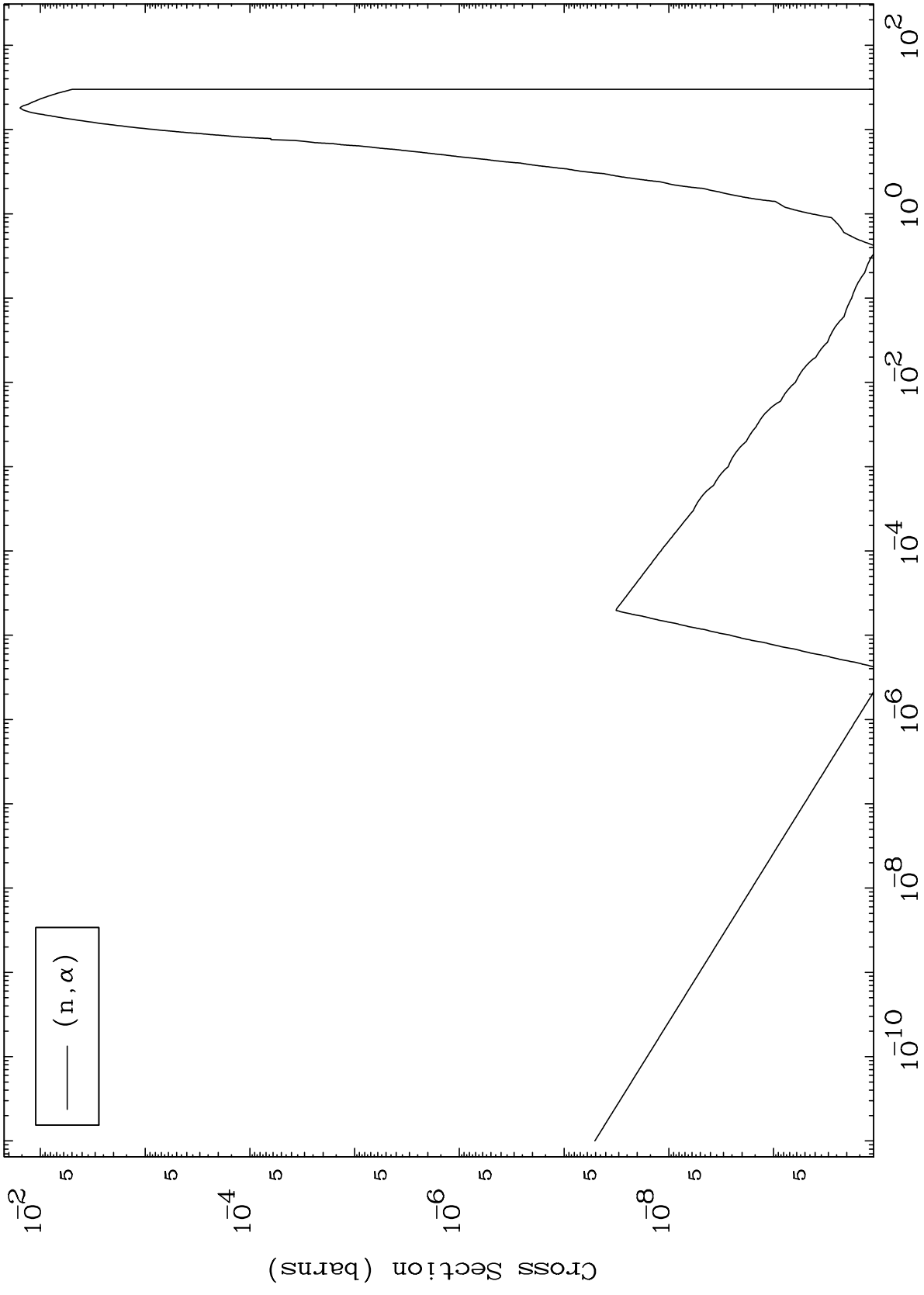
Incident Energy (MeV)

44-Ru-103

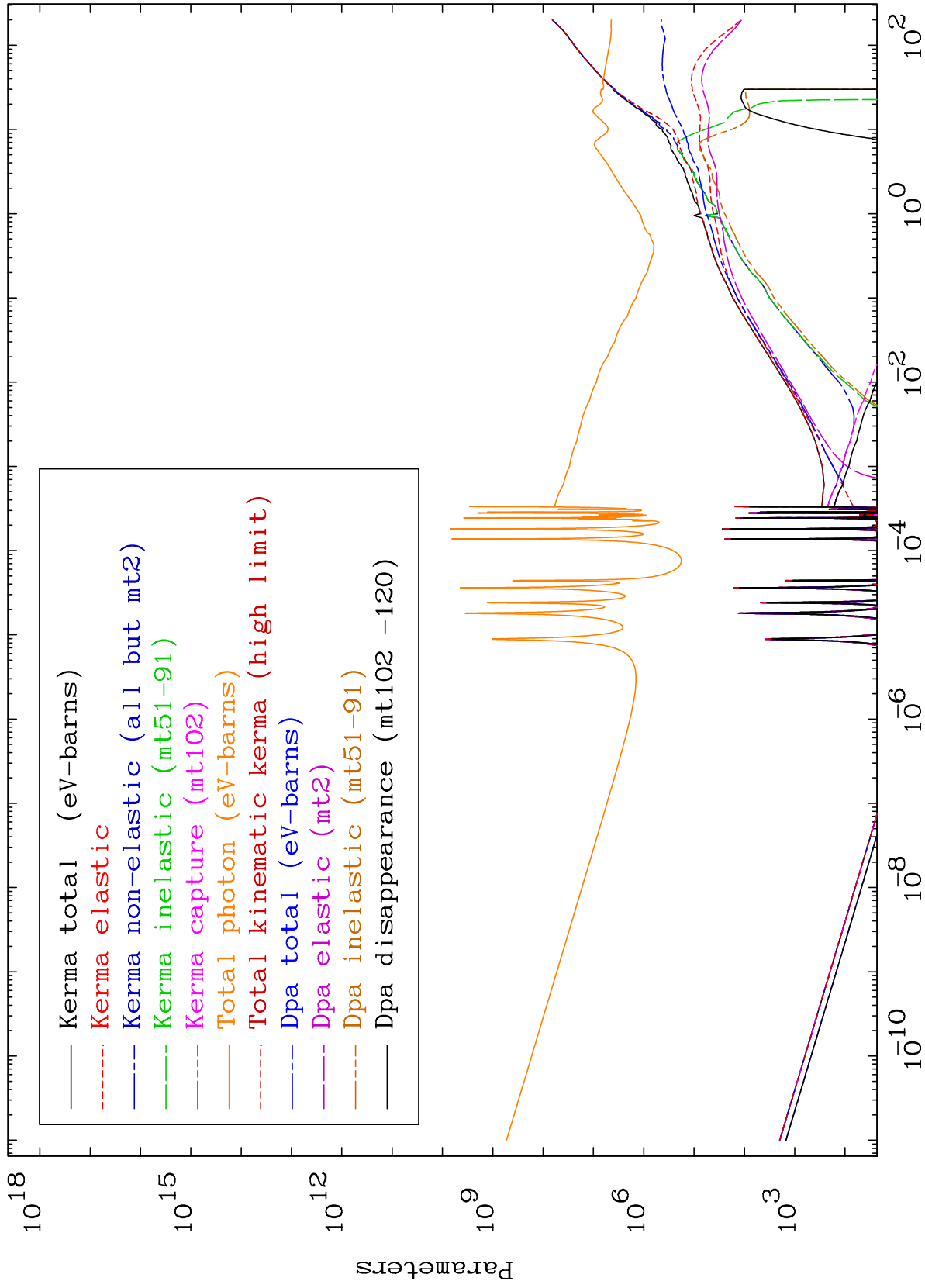
MAT 4446

(n,α) Levels
293 Kelvin Cross Sections

44-Ru-103



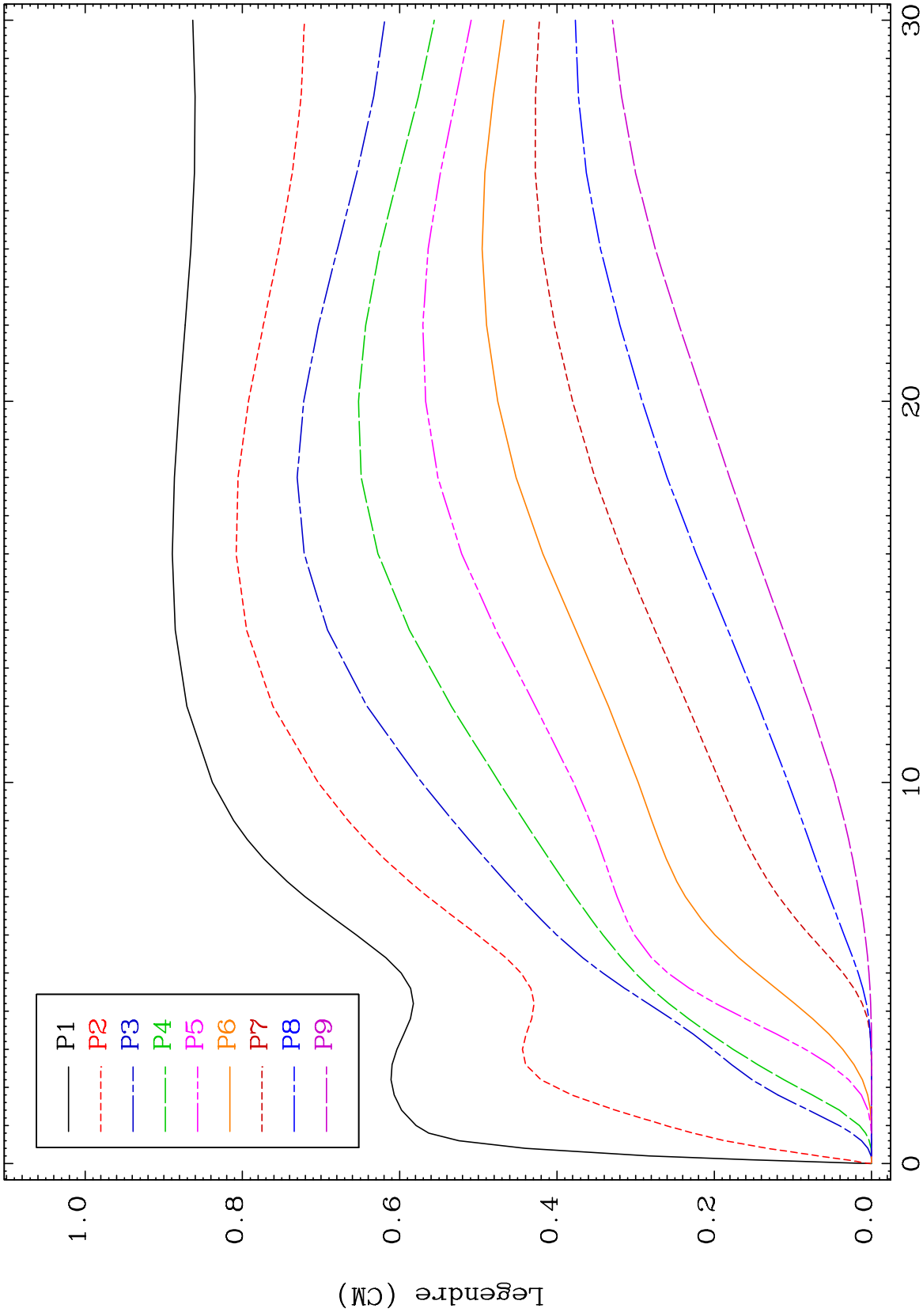
44-Ru-103



MAT 4446

Elastic Legendre Coefficients

44-Ru-103



16

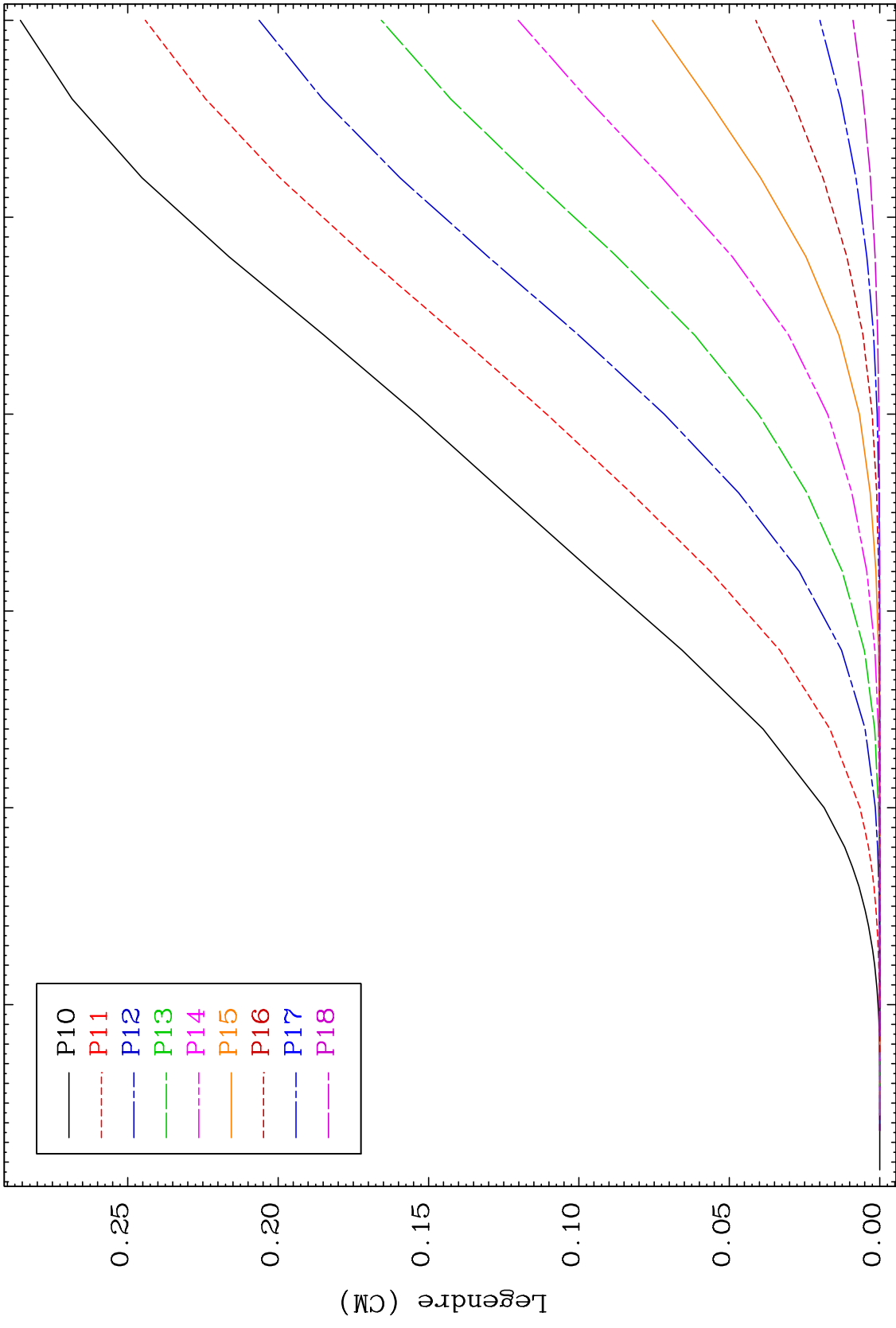
Incident Energy (MeV)

44-Ru-103

MAT 4446

Elastic Legendre Coefficients

44-Ru-103



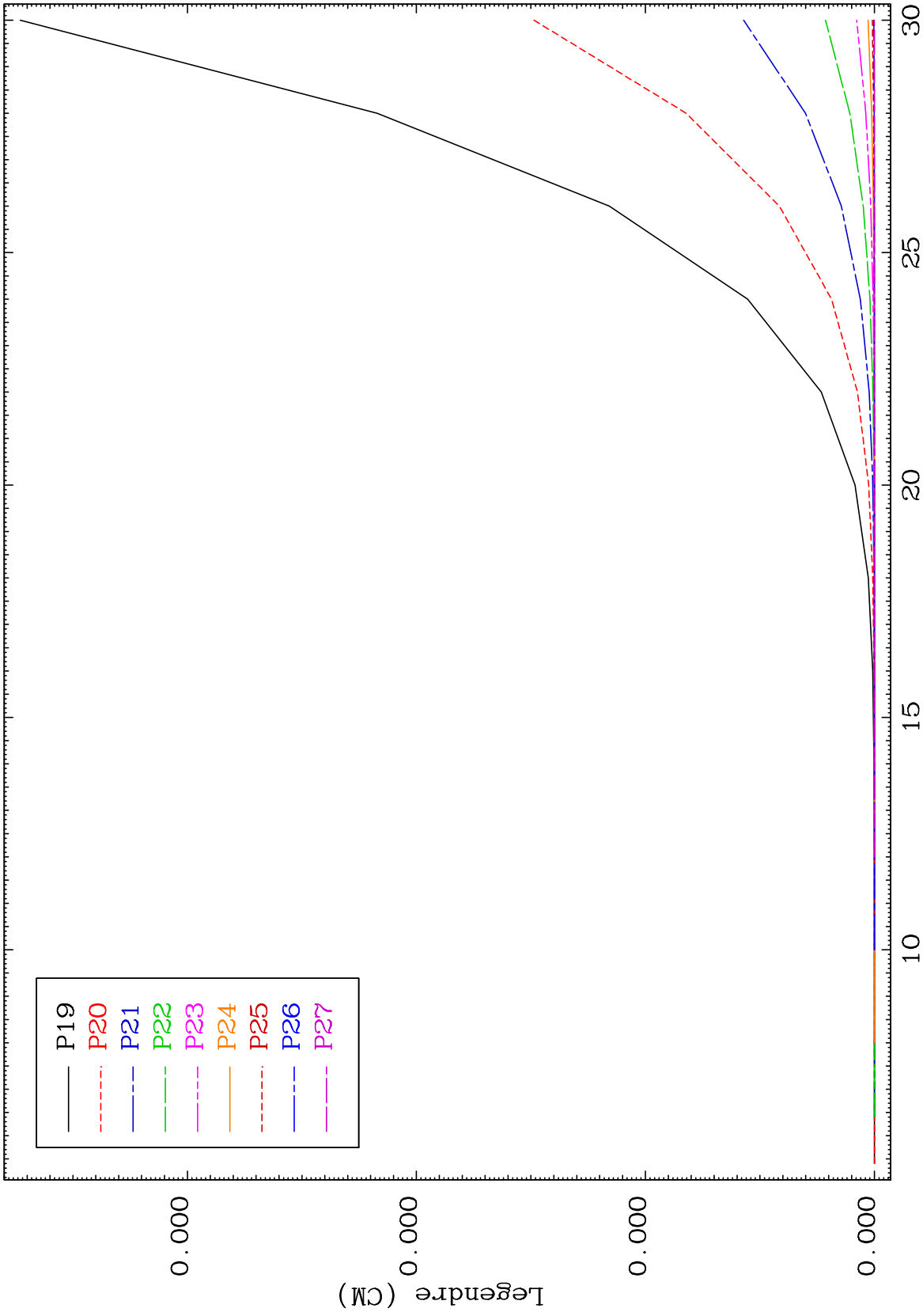
17

44-Ru-103

MAT 4446

Elastic Legendre Coefficients

44-Ru-103



18

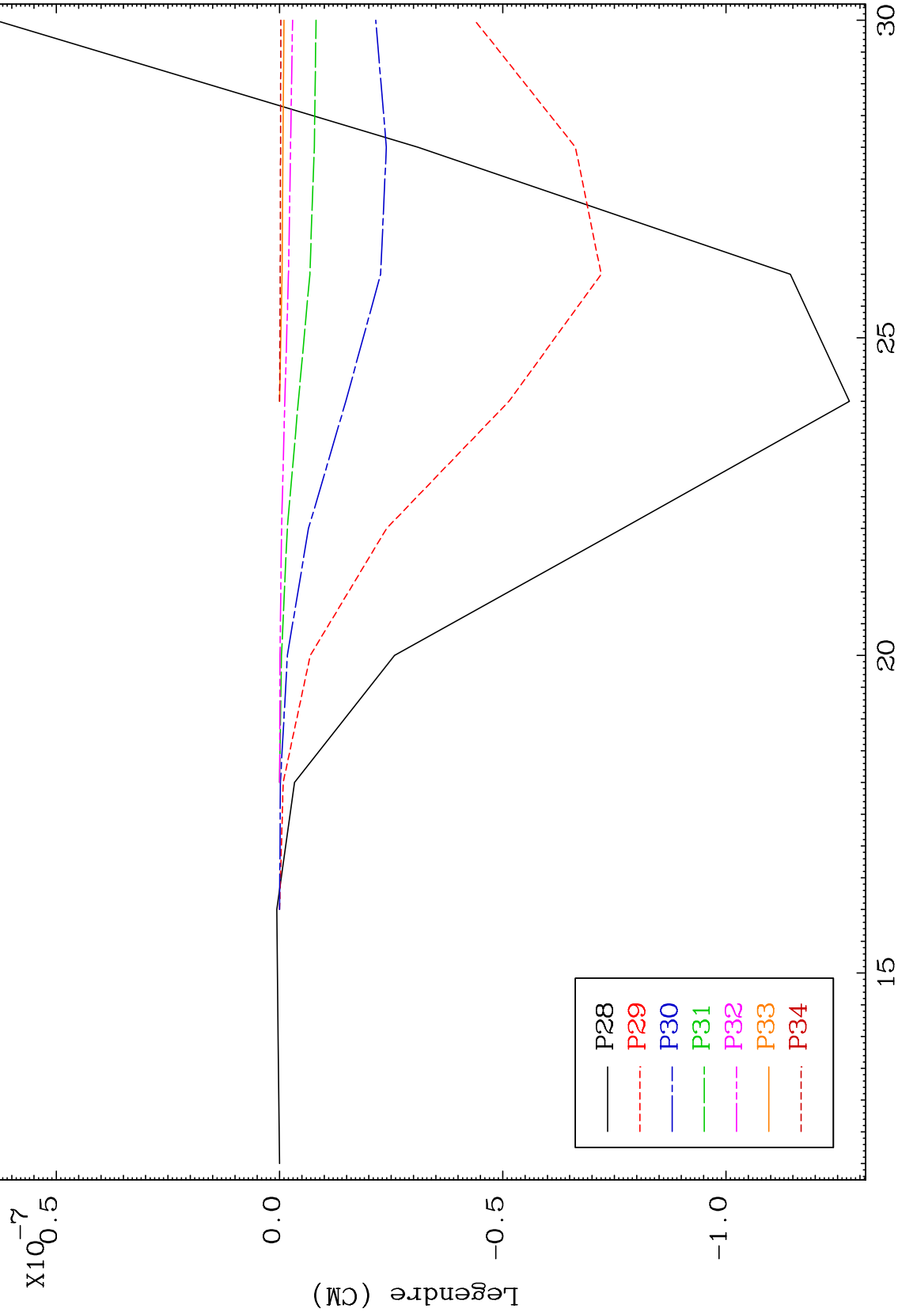
Incident Energy (MeV)

44-Ru-103

MAT 4446

Elastic Legendre Coefficients

44-Ru-103

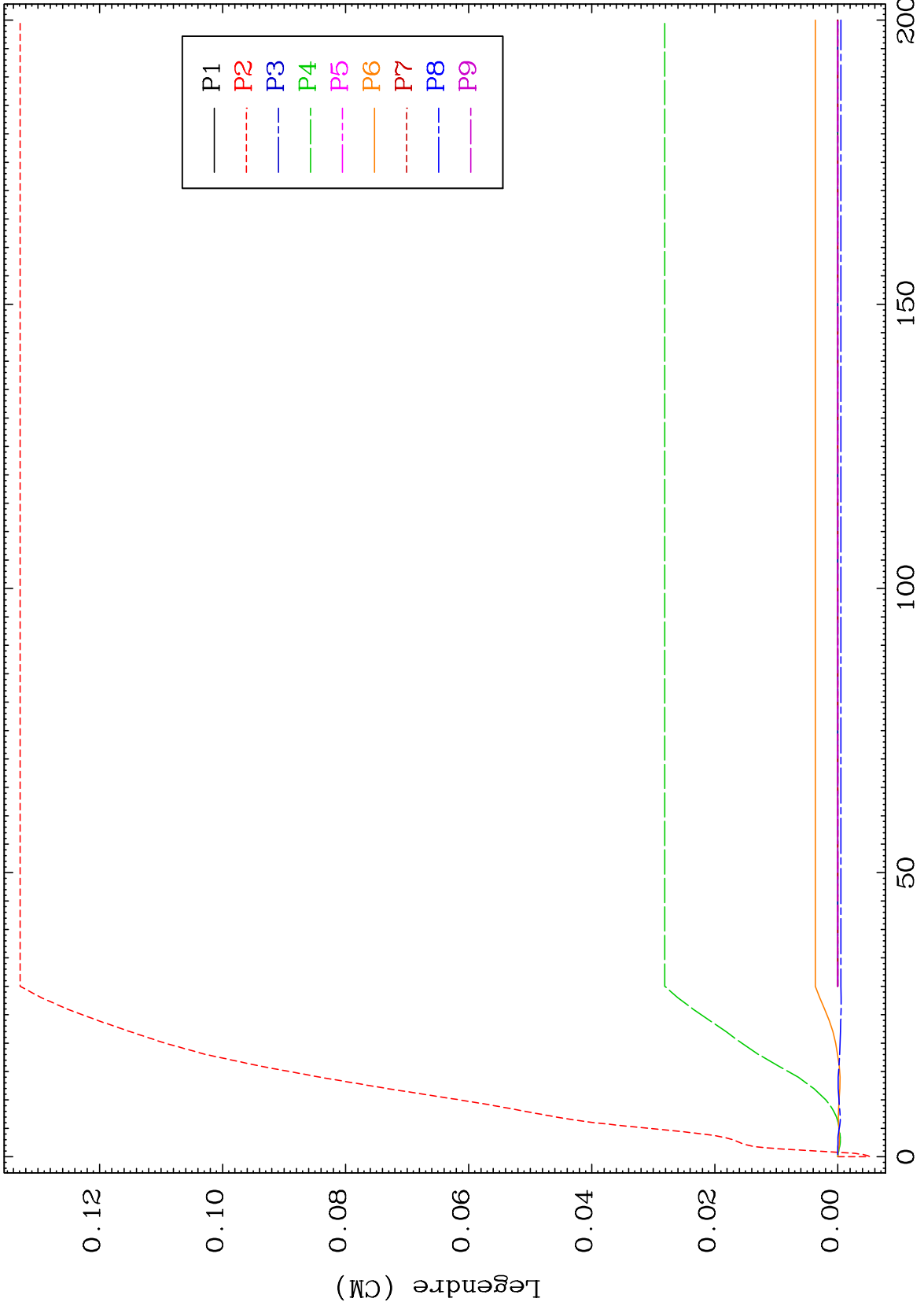


19

Incident Energy (MeV)

44-Ru-103

MAT 4446 MT= 51 (n,n') Level Legendre Coefficients 44-Ru-103

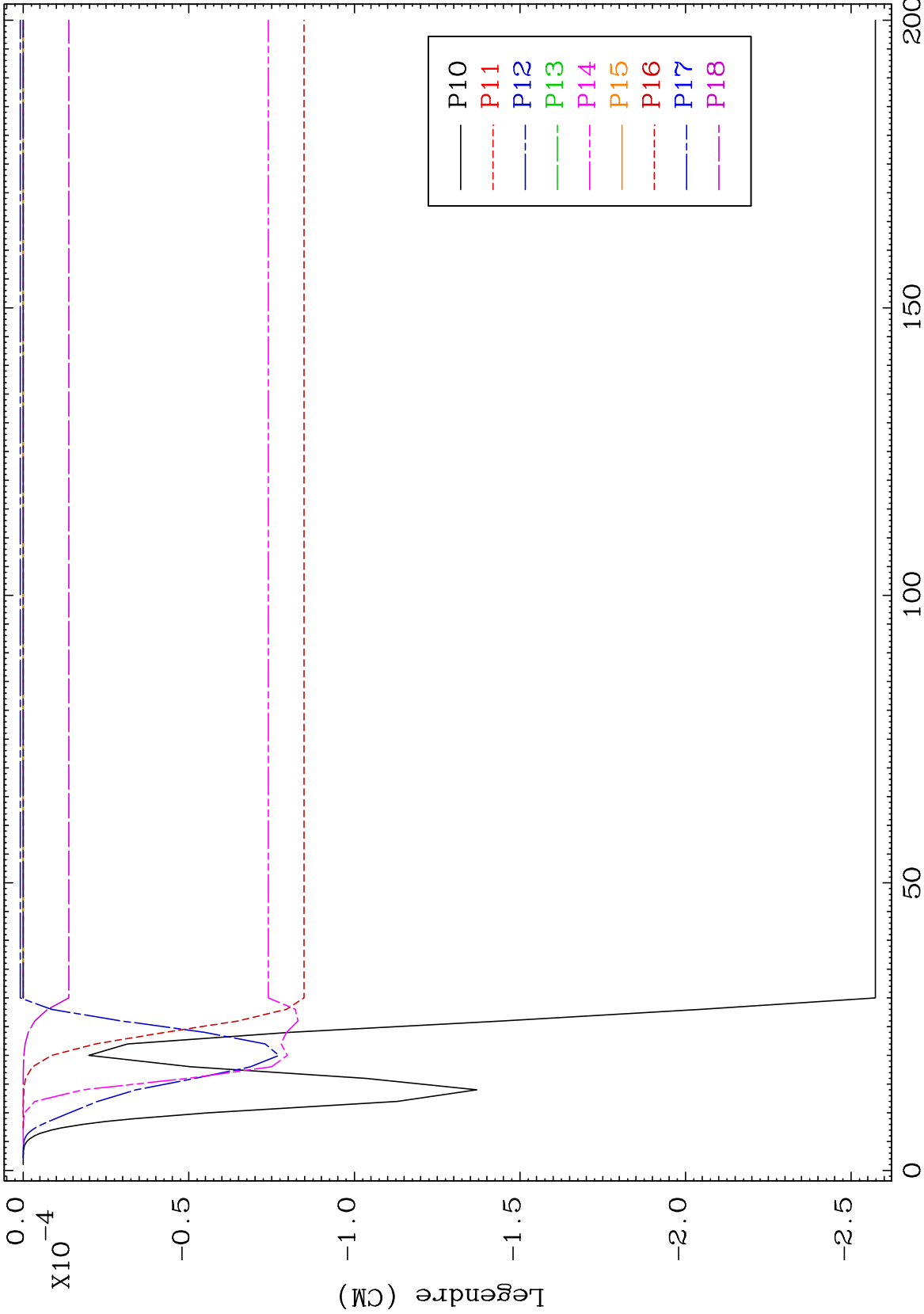


44-Ru-103

MAT 4446

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

44-Ru-103



21

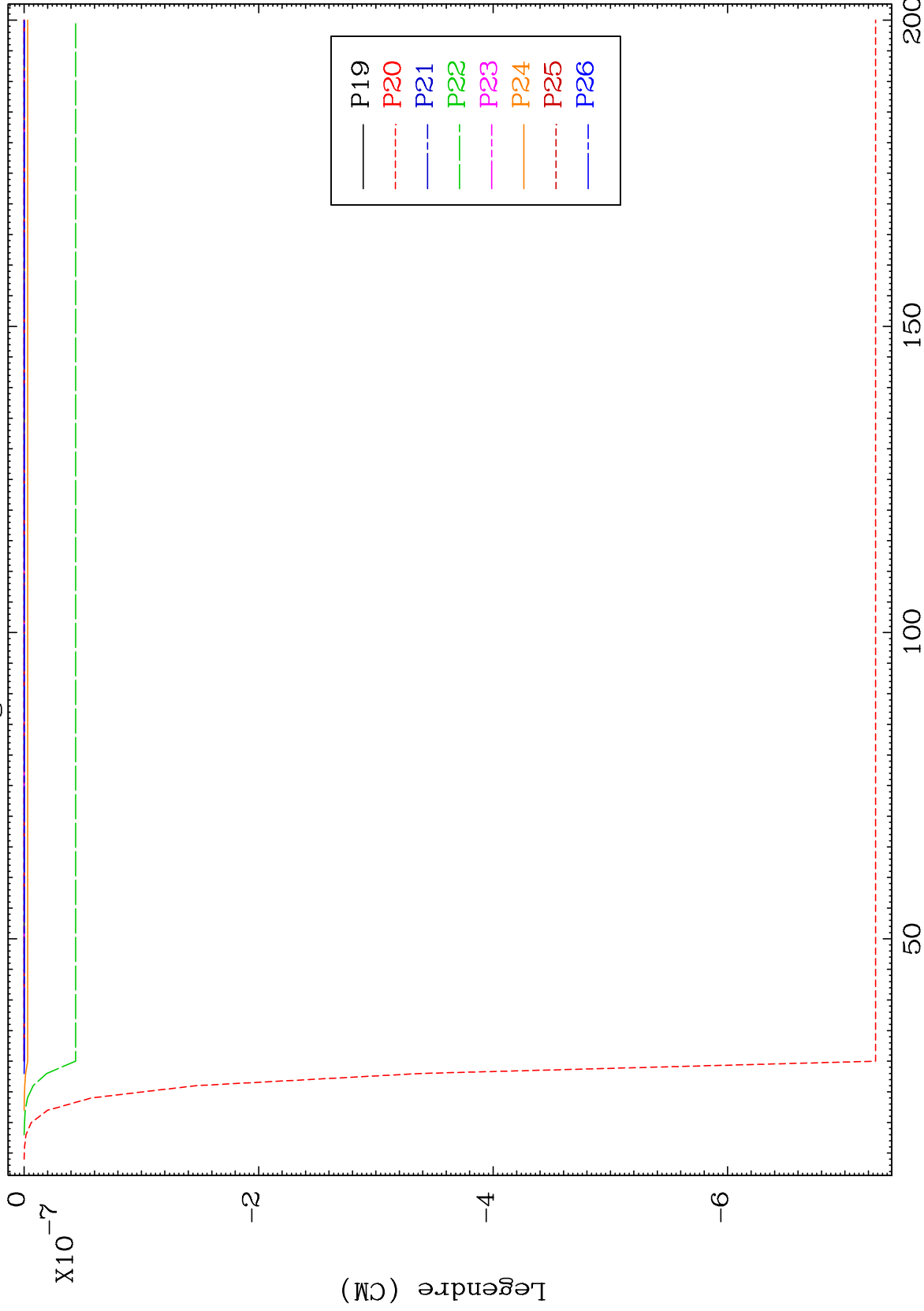
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



22

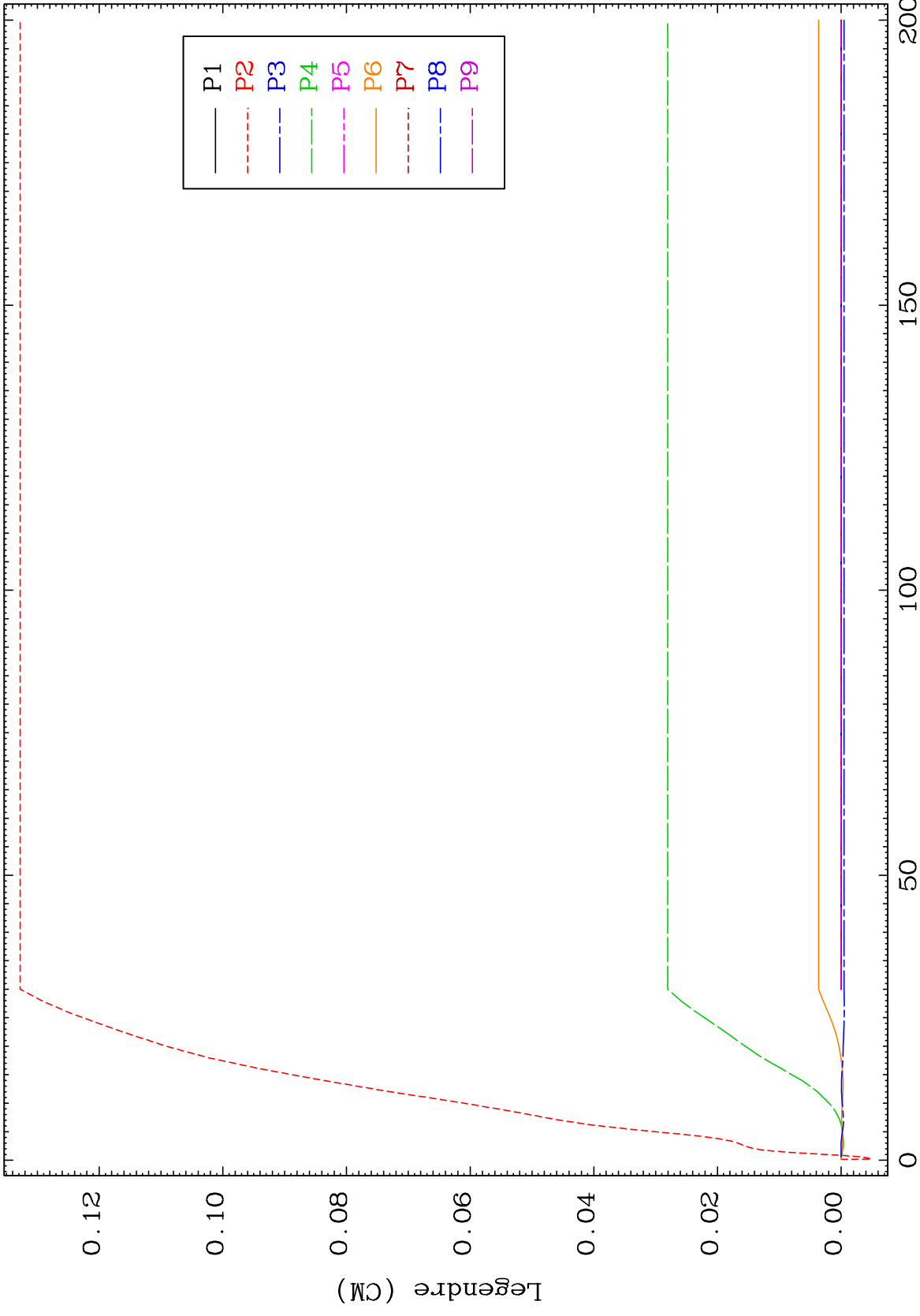
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



23

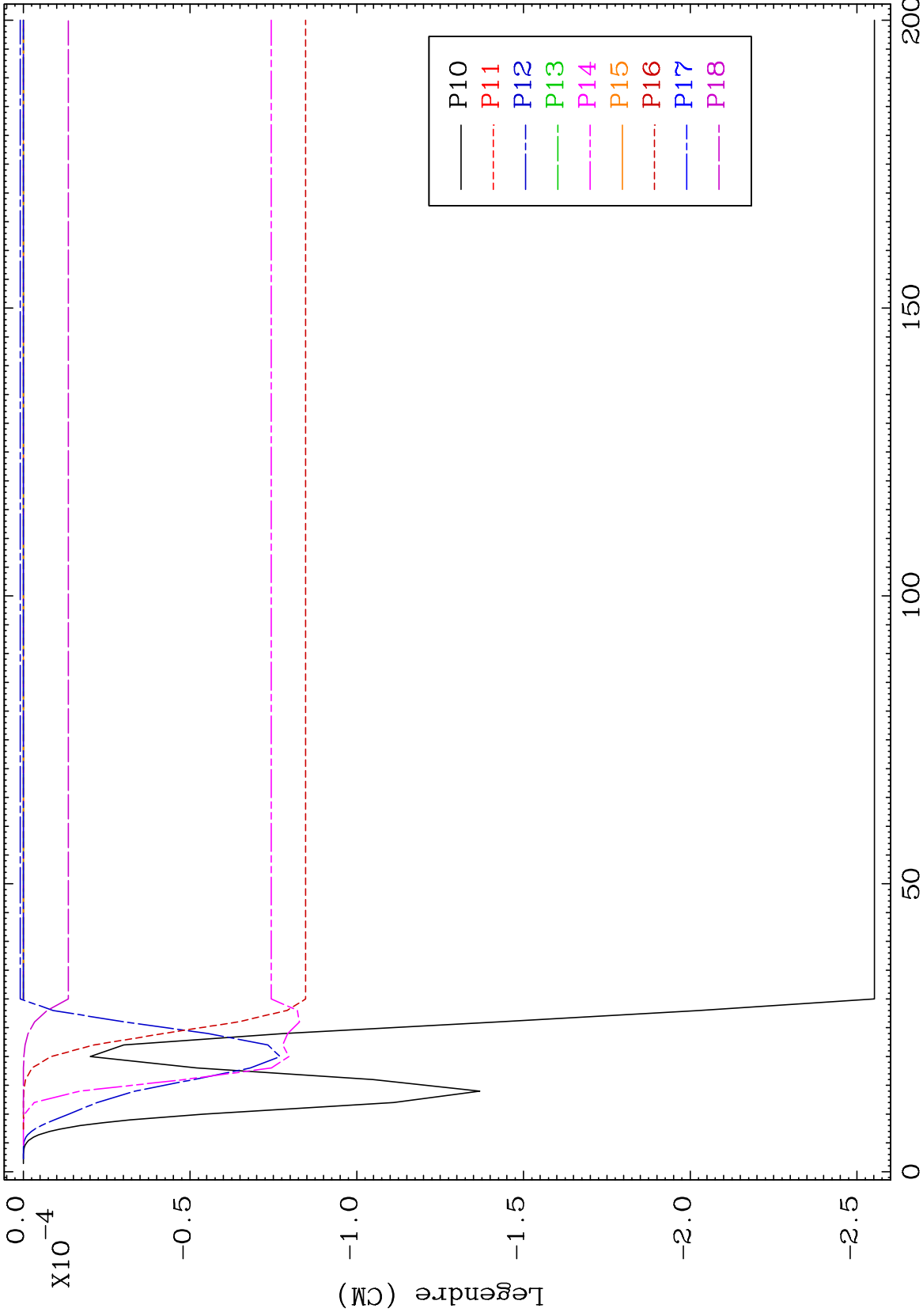
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



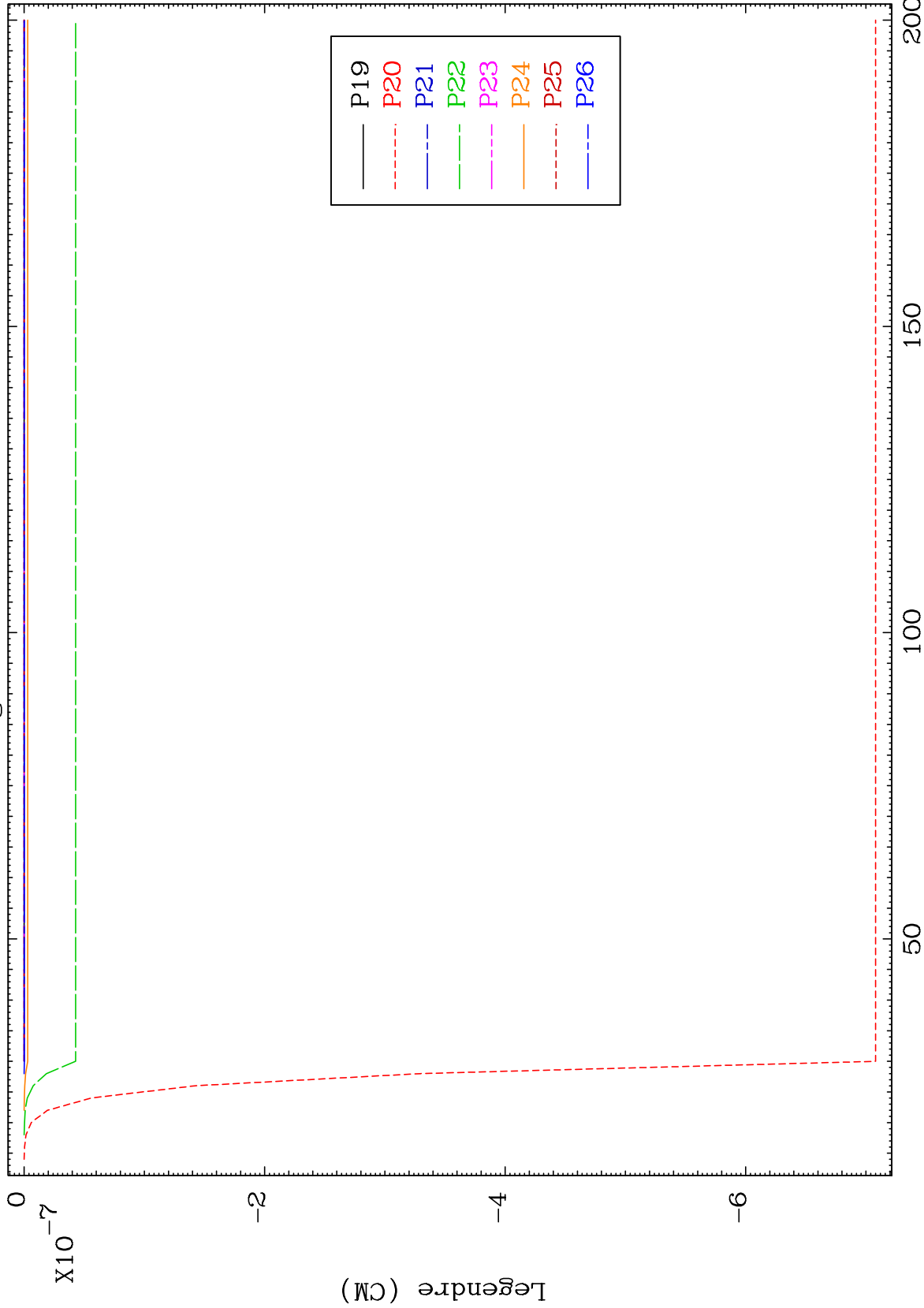
24

44-Ru-103

MAT 4446

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

44-Ru-103



25

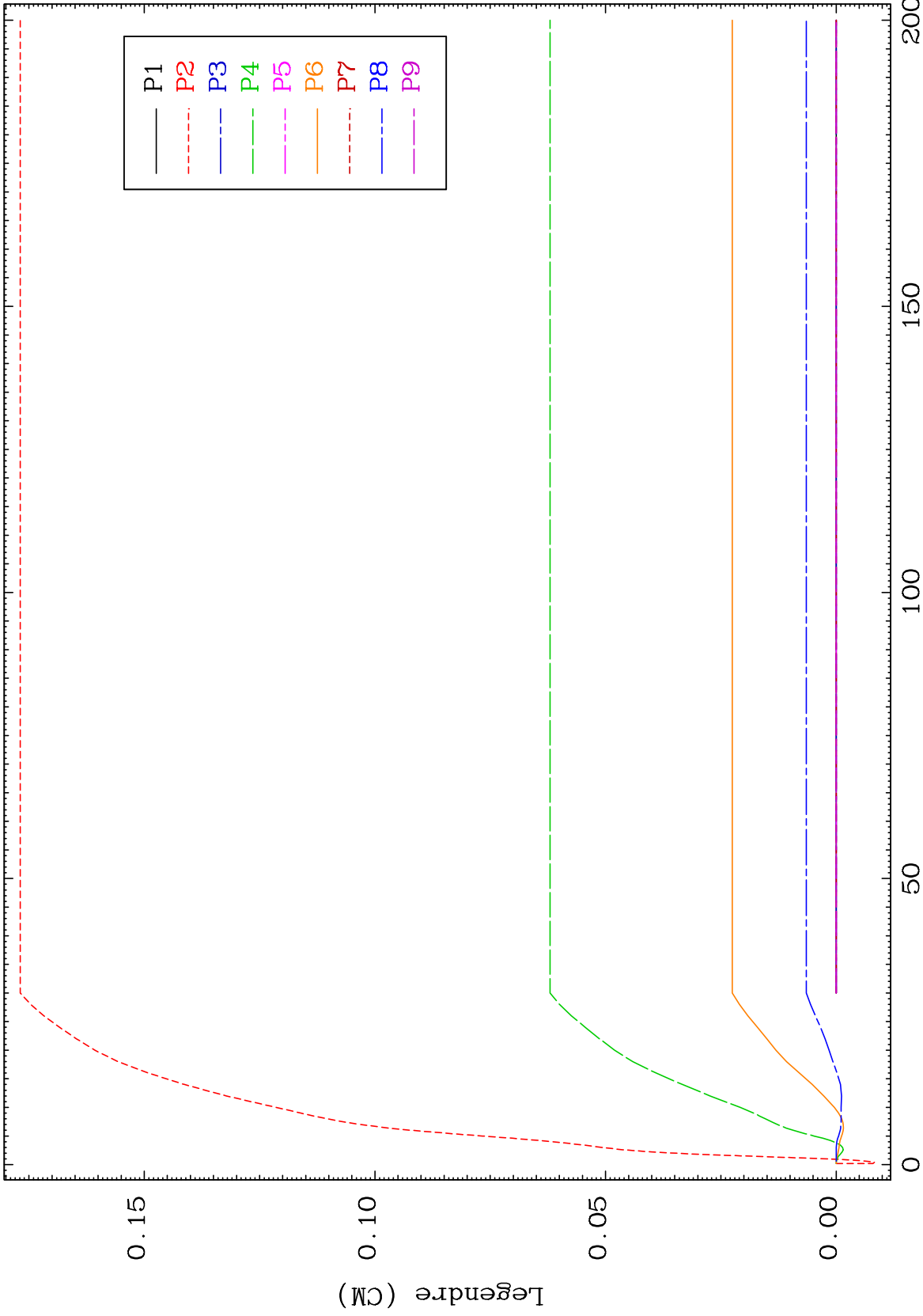
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



26

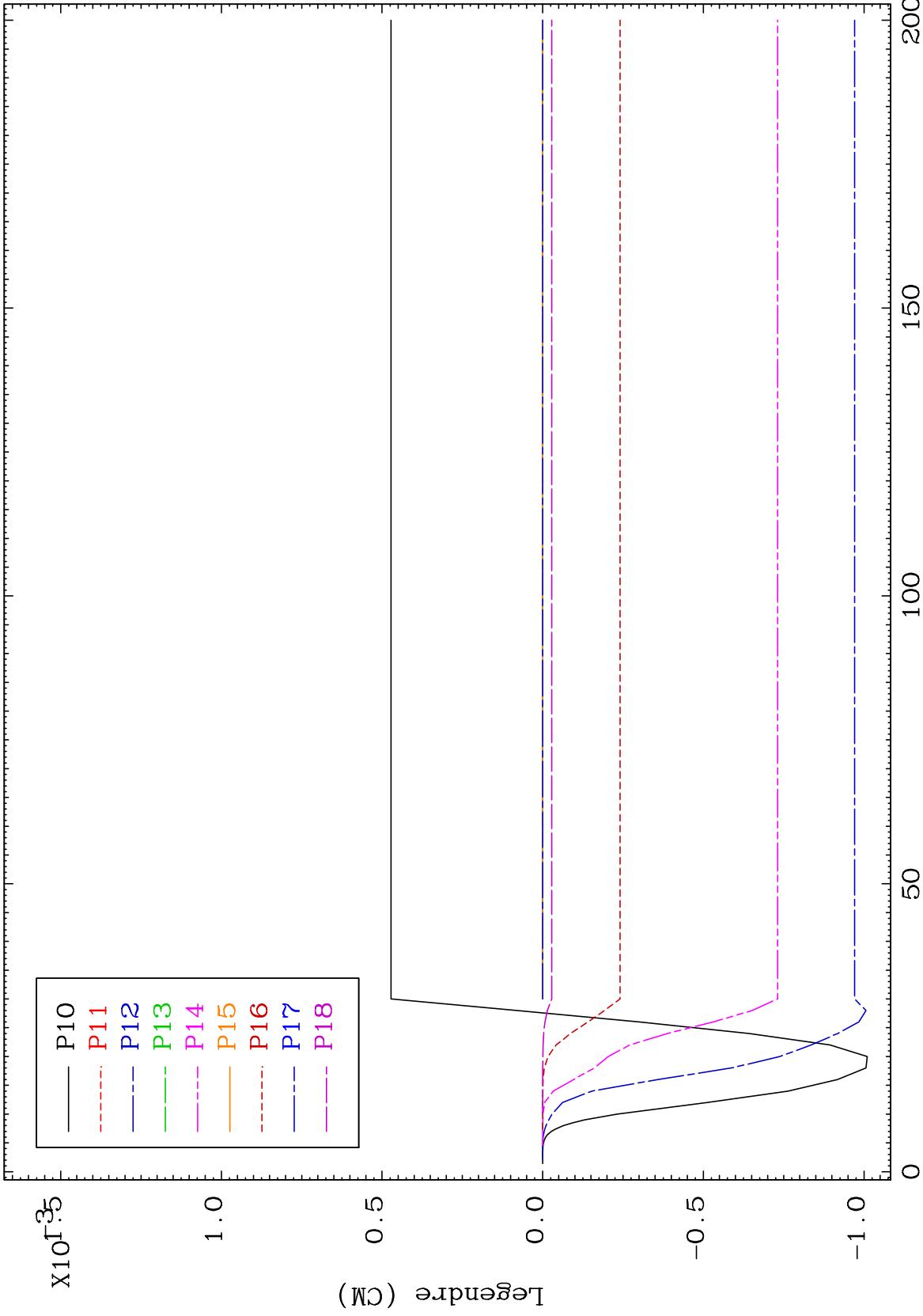
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



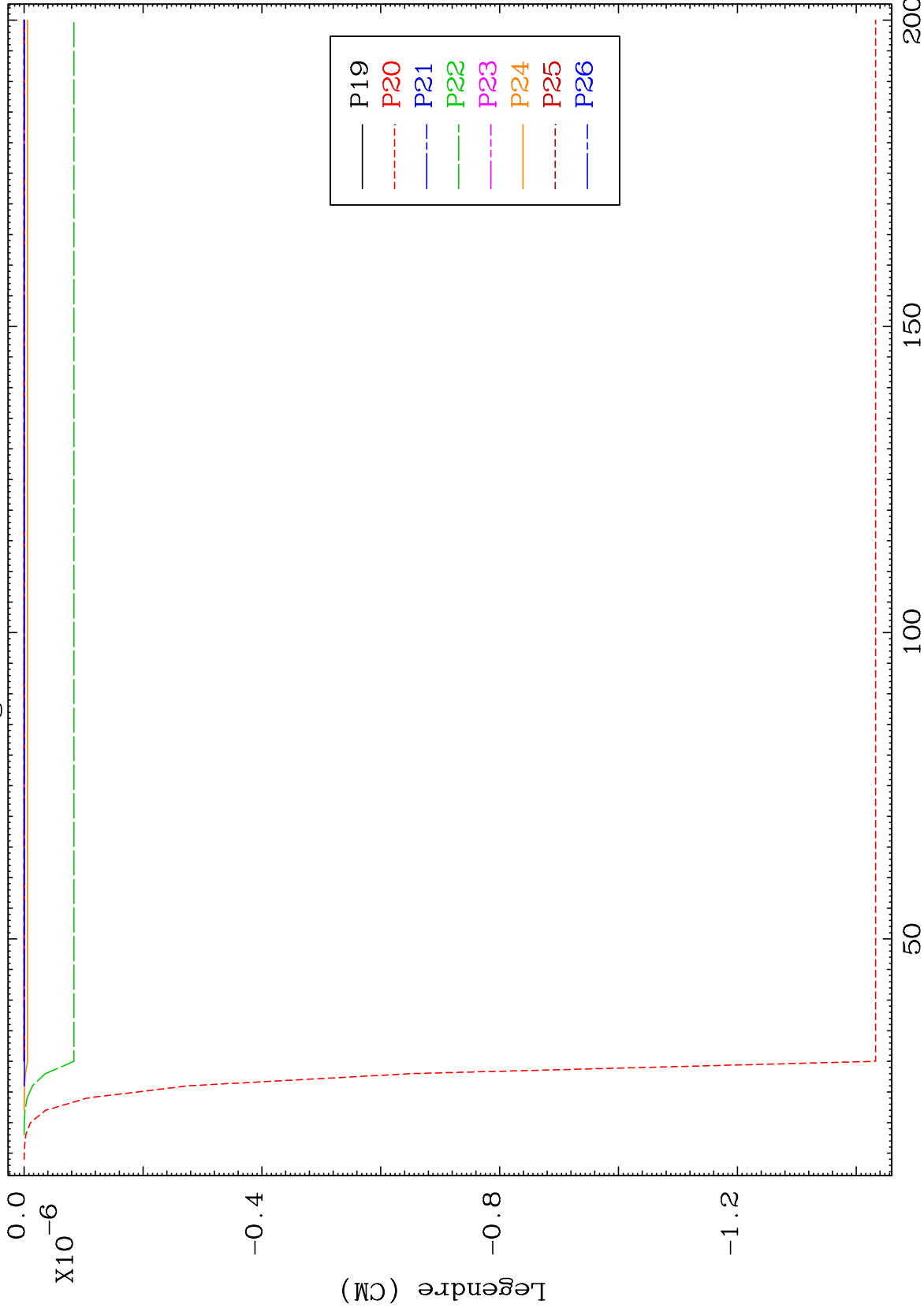
27

44-Ru-103

MAT 4446

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

44-Ru-103



28

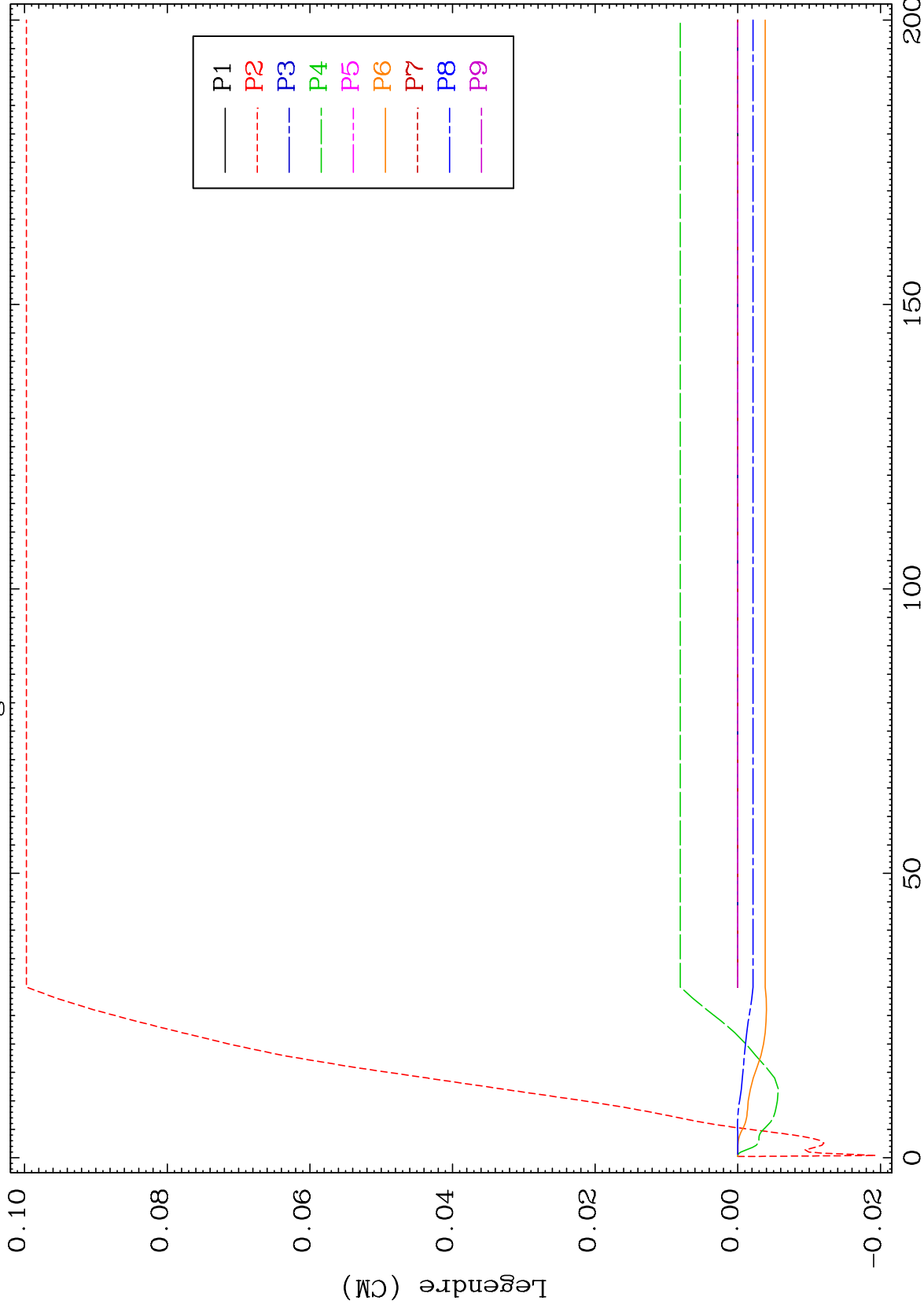
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103

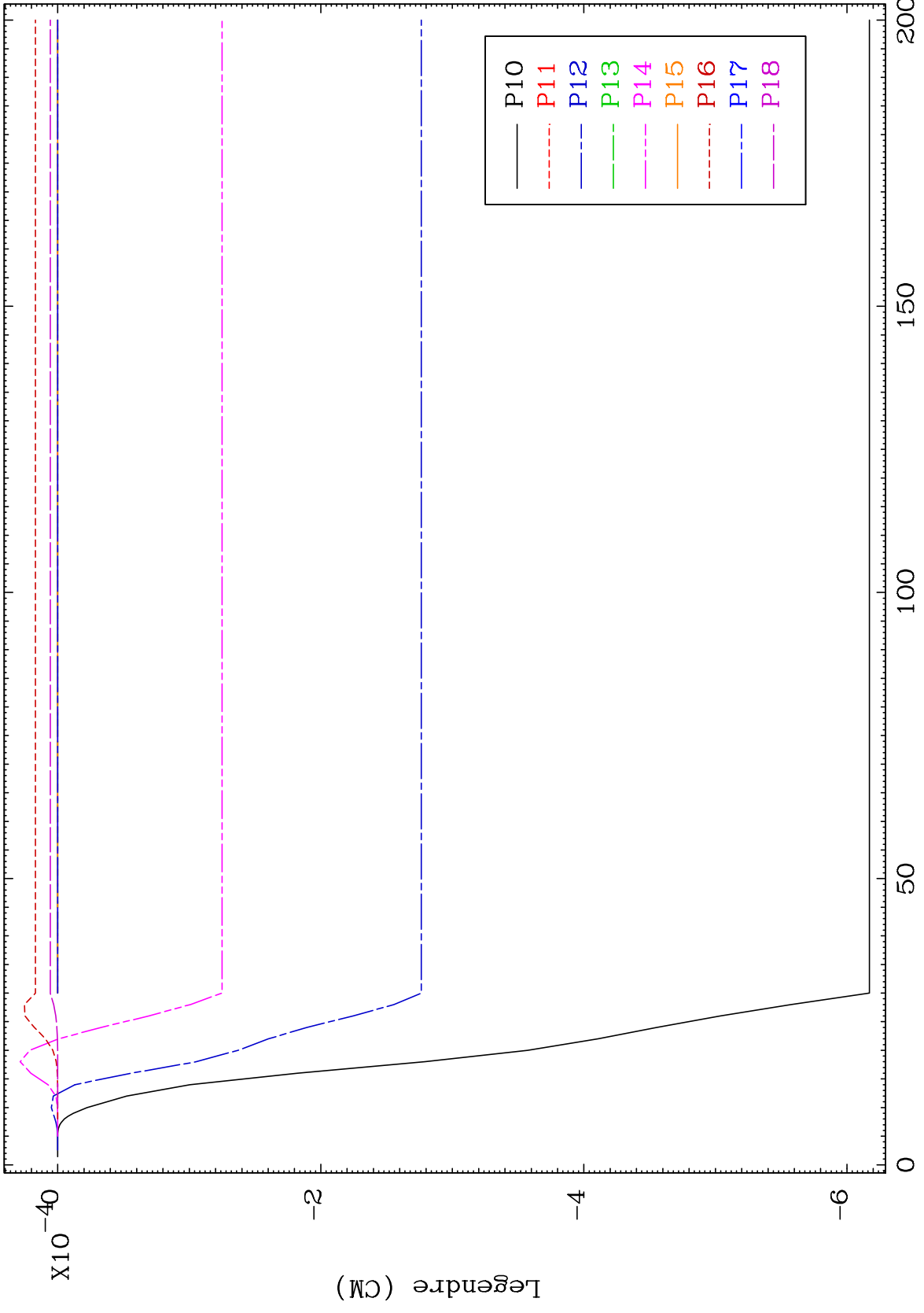


29

Incident Energy (MeV)

44-Ru-103

MAT 4446 MT= 54 (n,n') Level Legendre Coefficients 44-Ru-103

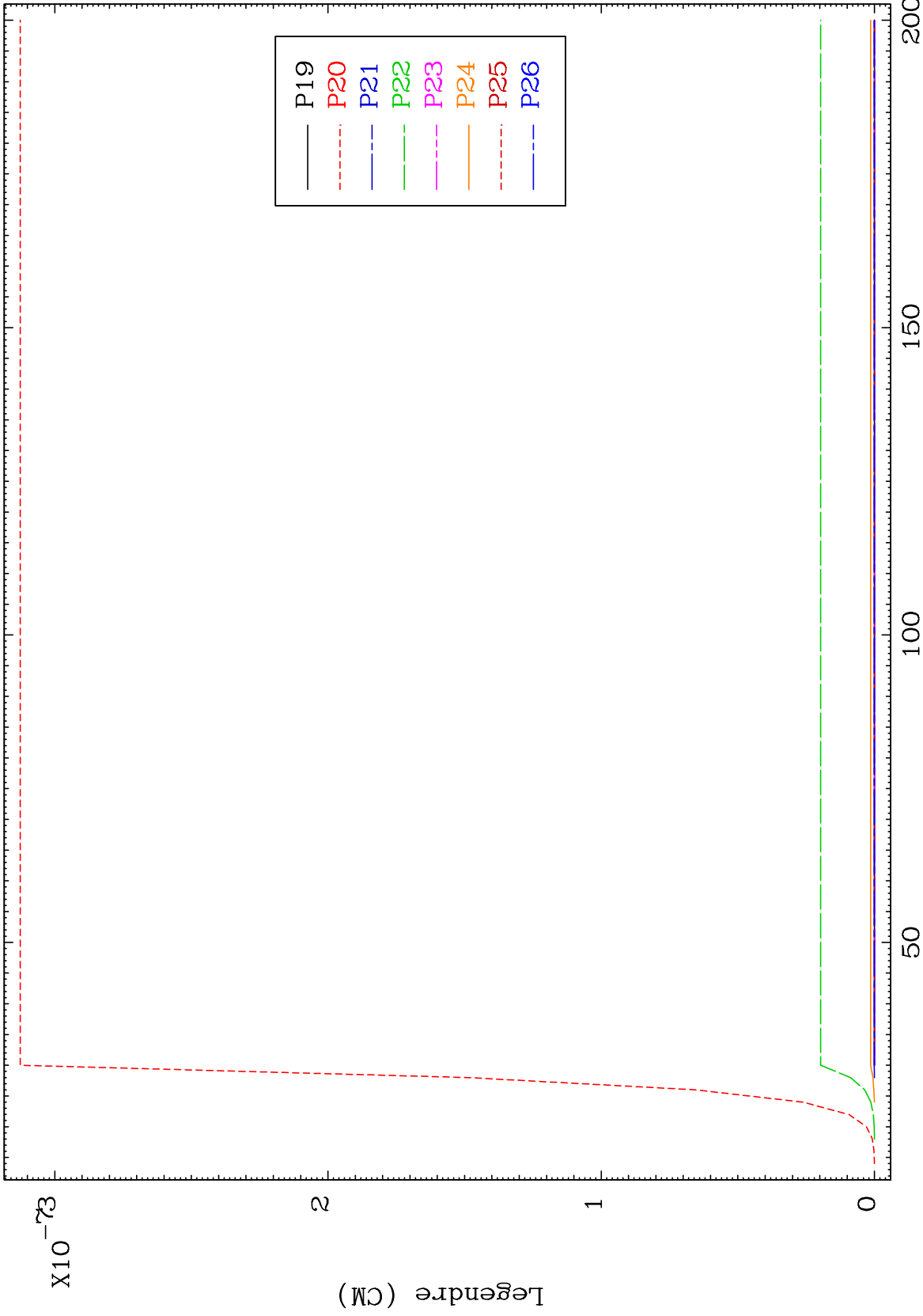


30 44-Ru-103

MAT 4446

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

44-Ru-103



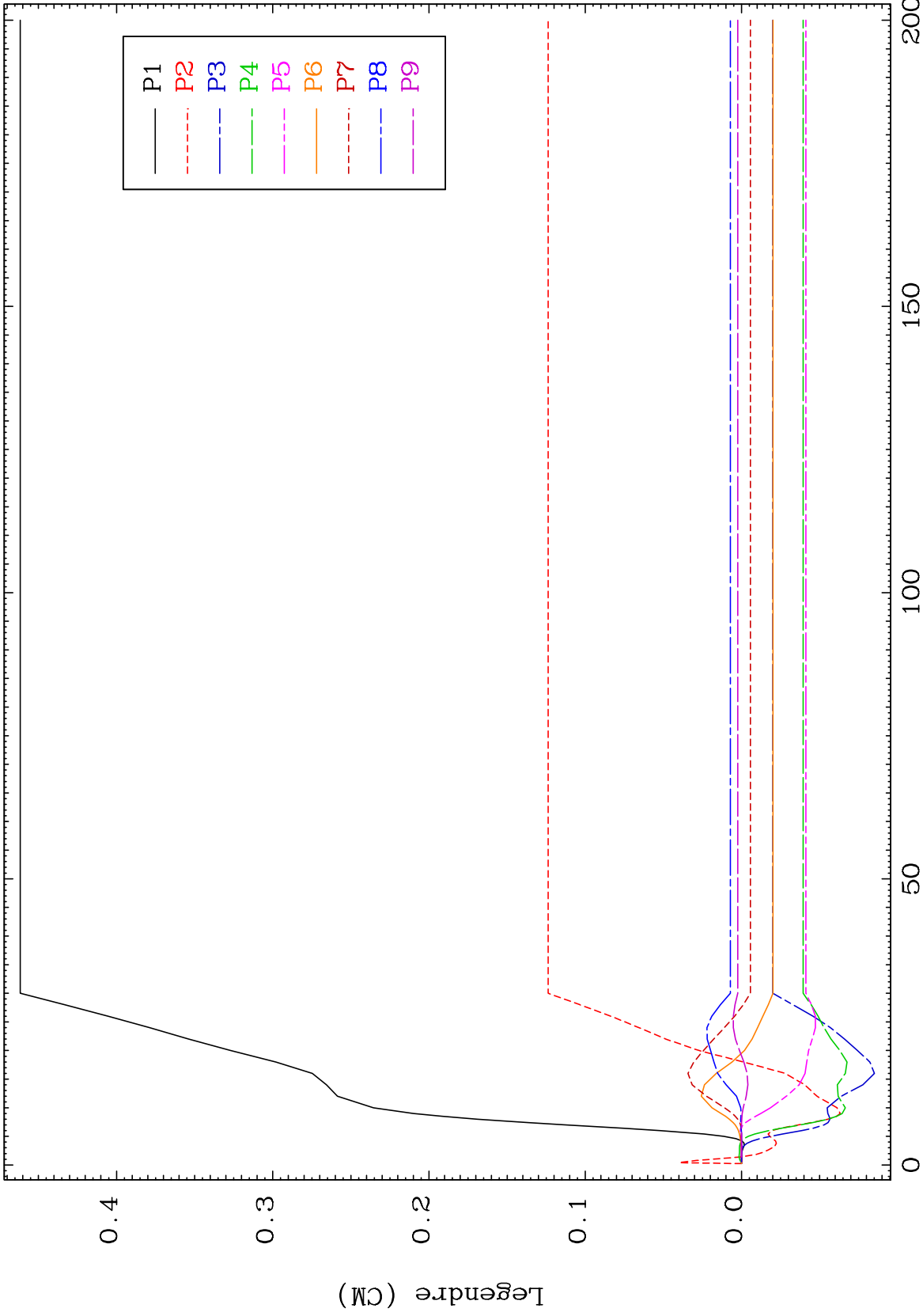
31

44-Ru-103

MAT 4446

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

44-Ru-103



32

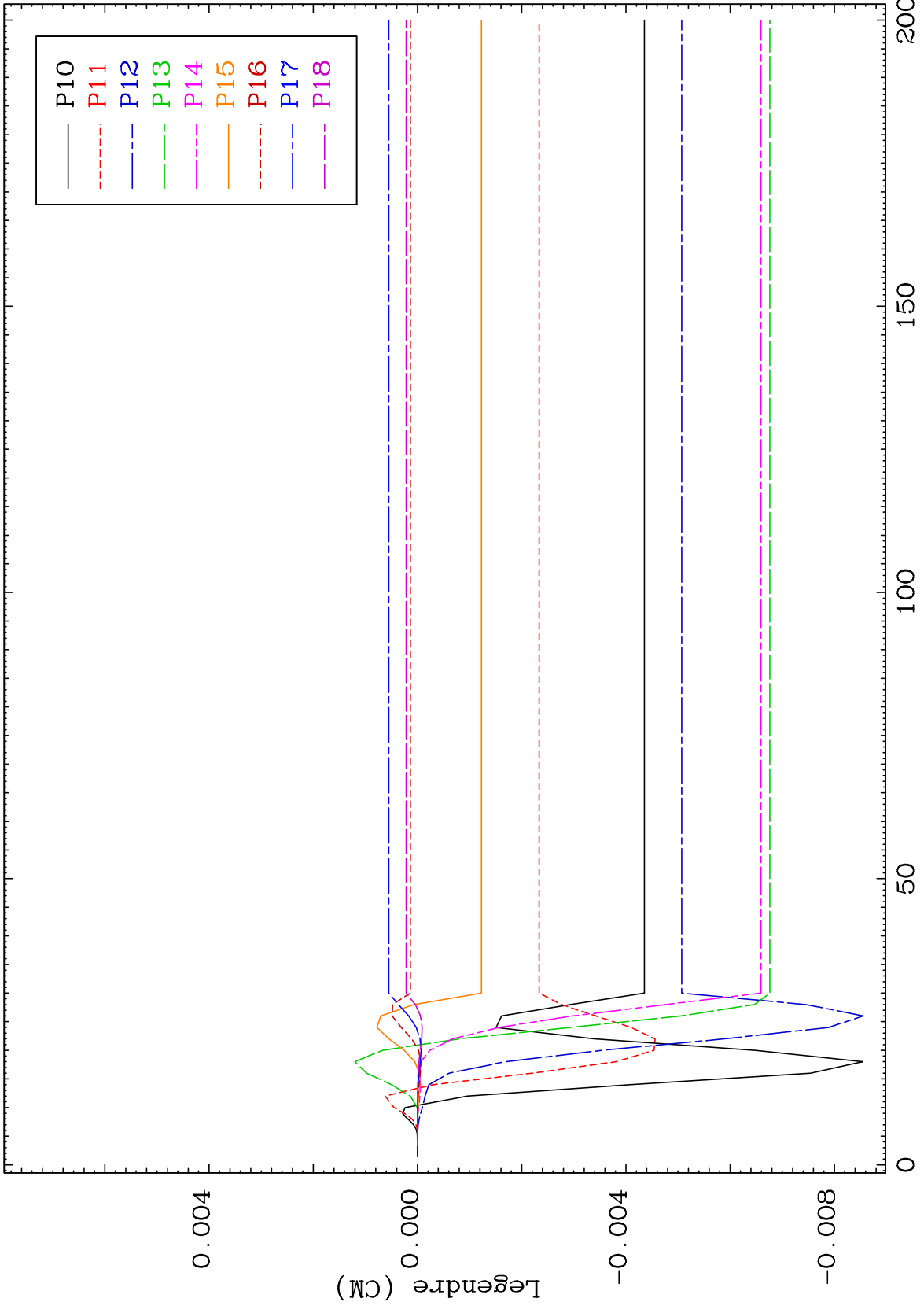
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



33

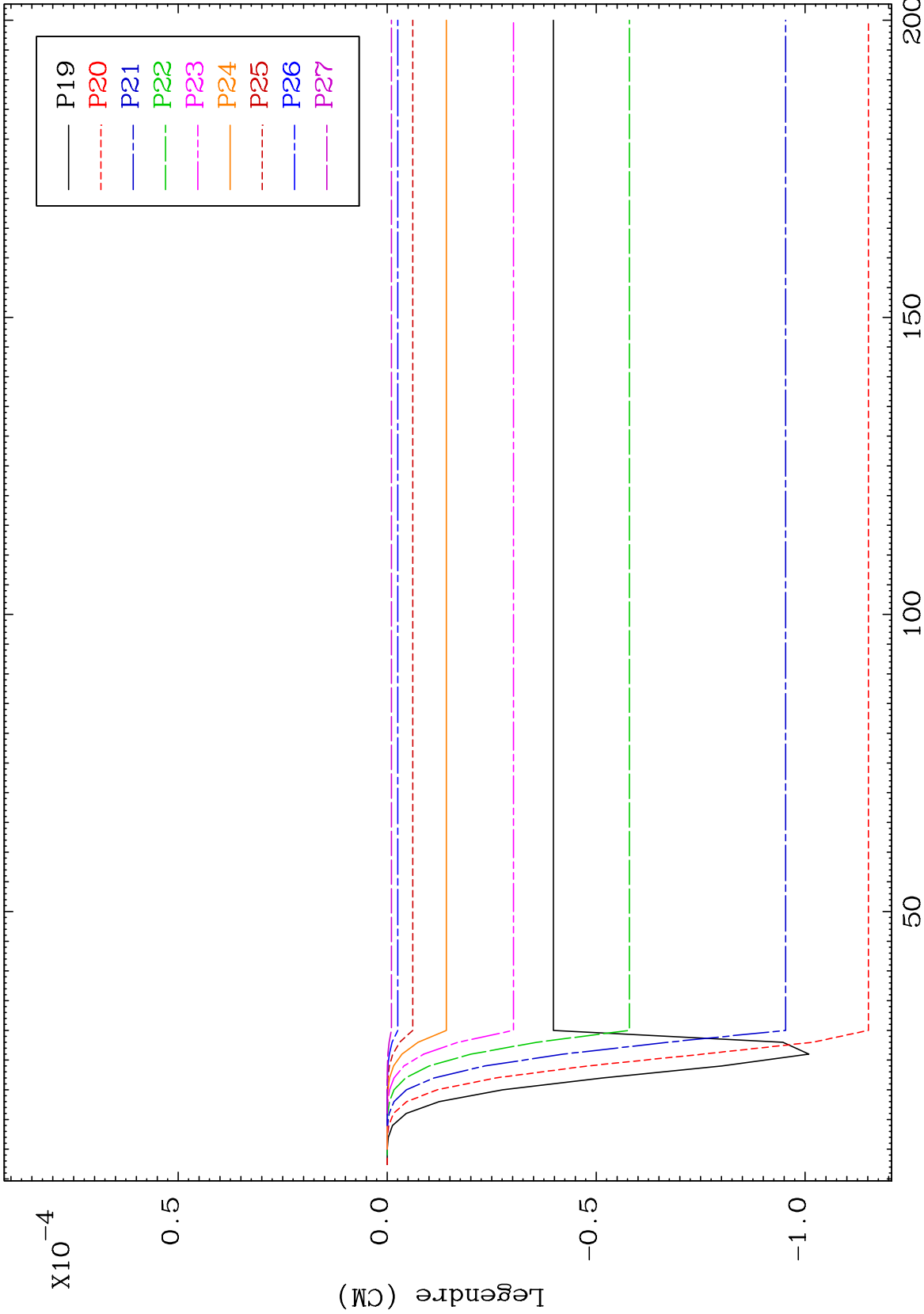
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



34

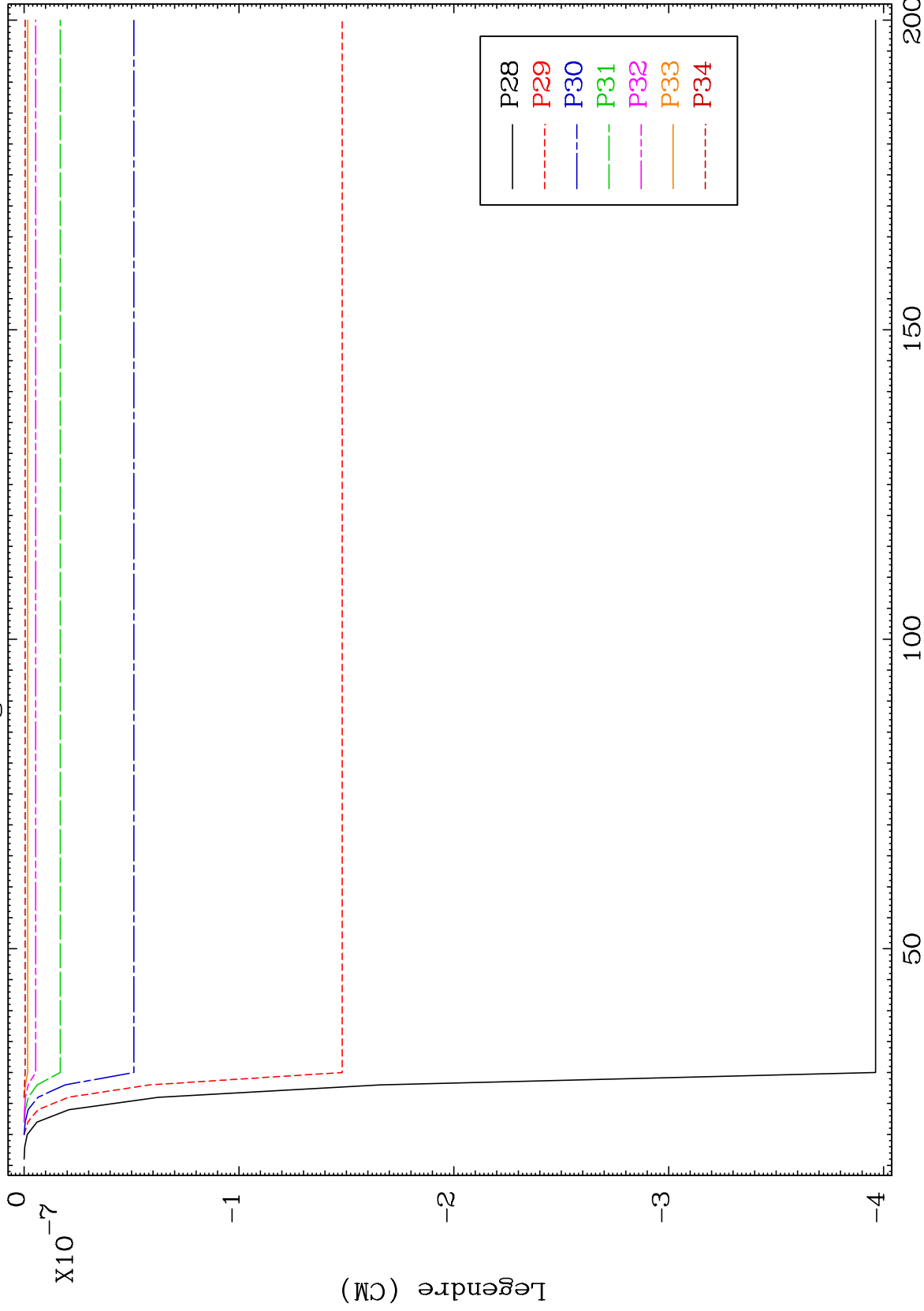
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103

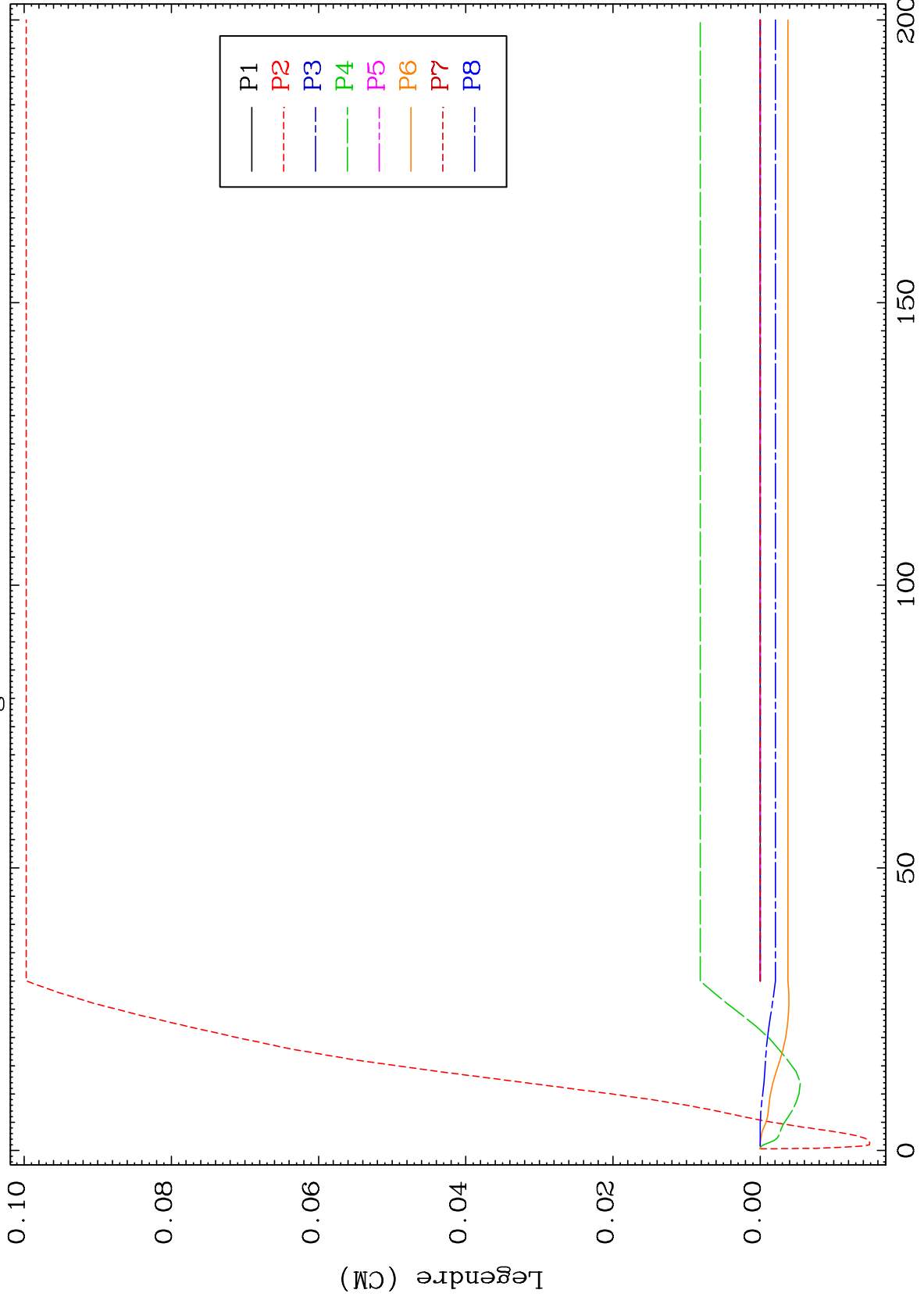


44-Ru-103

Incident Energy (MeV)

35

MAT 4446 MT= 56 (n,n') Level Legendre Coefficients 44-Ru-103

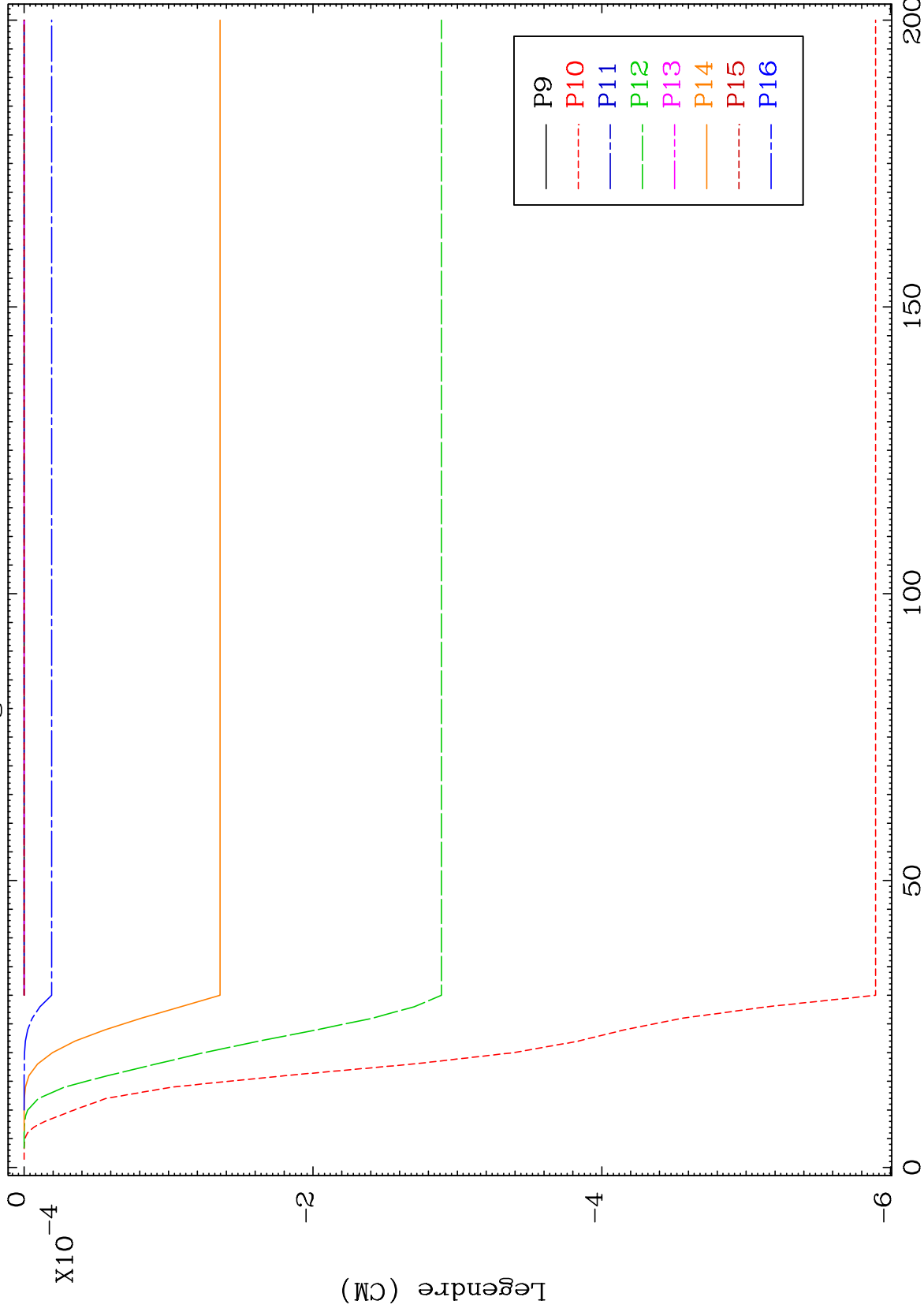


36 44-Ru-103

MAT 4446

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

44-Ru-103



37

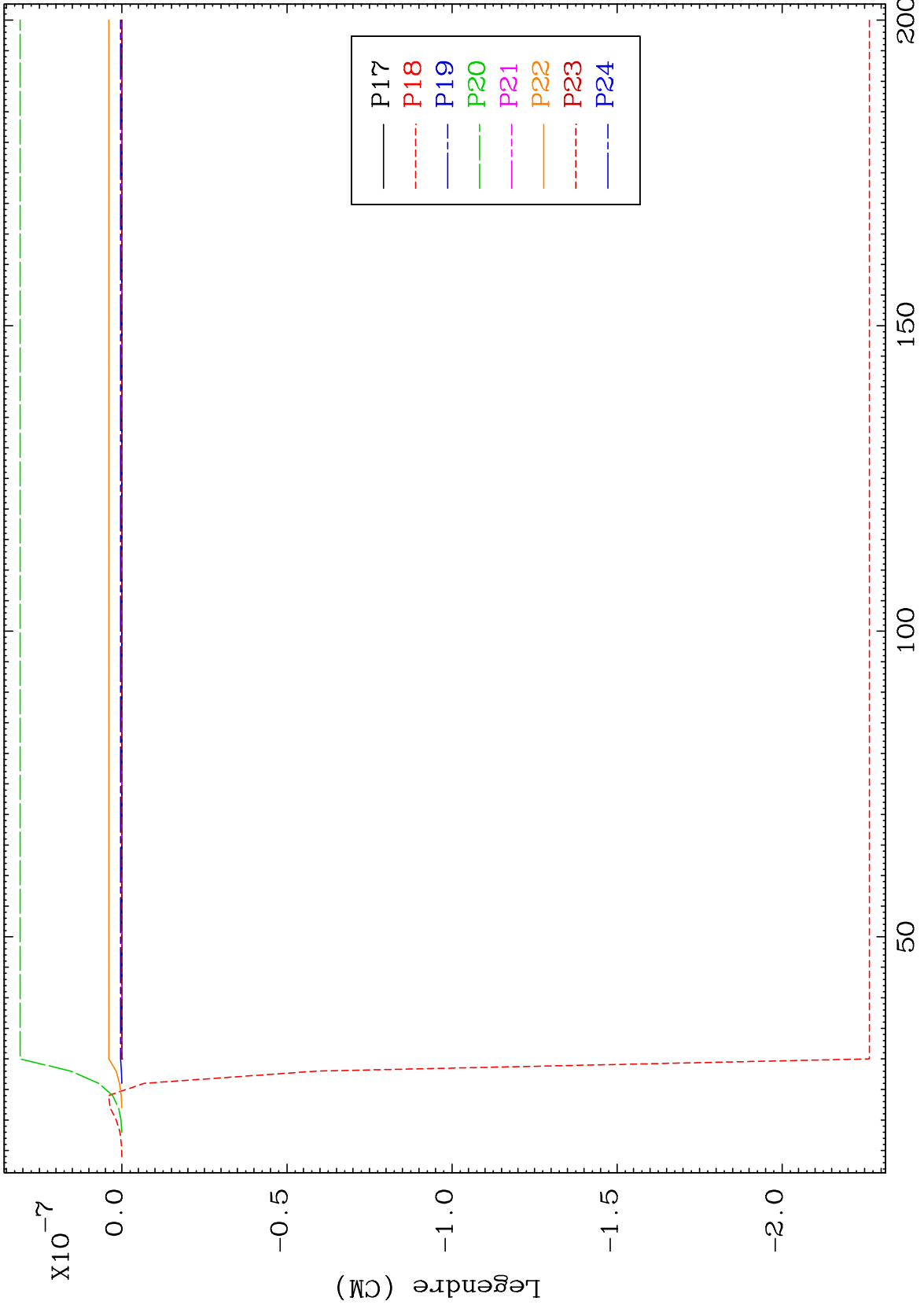
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



38

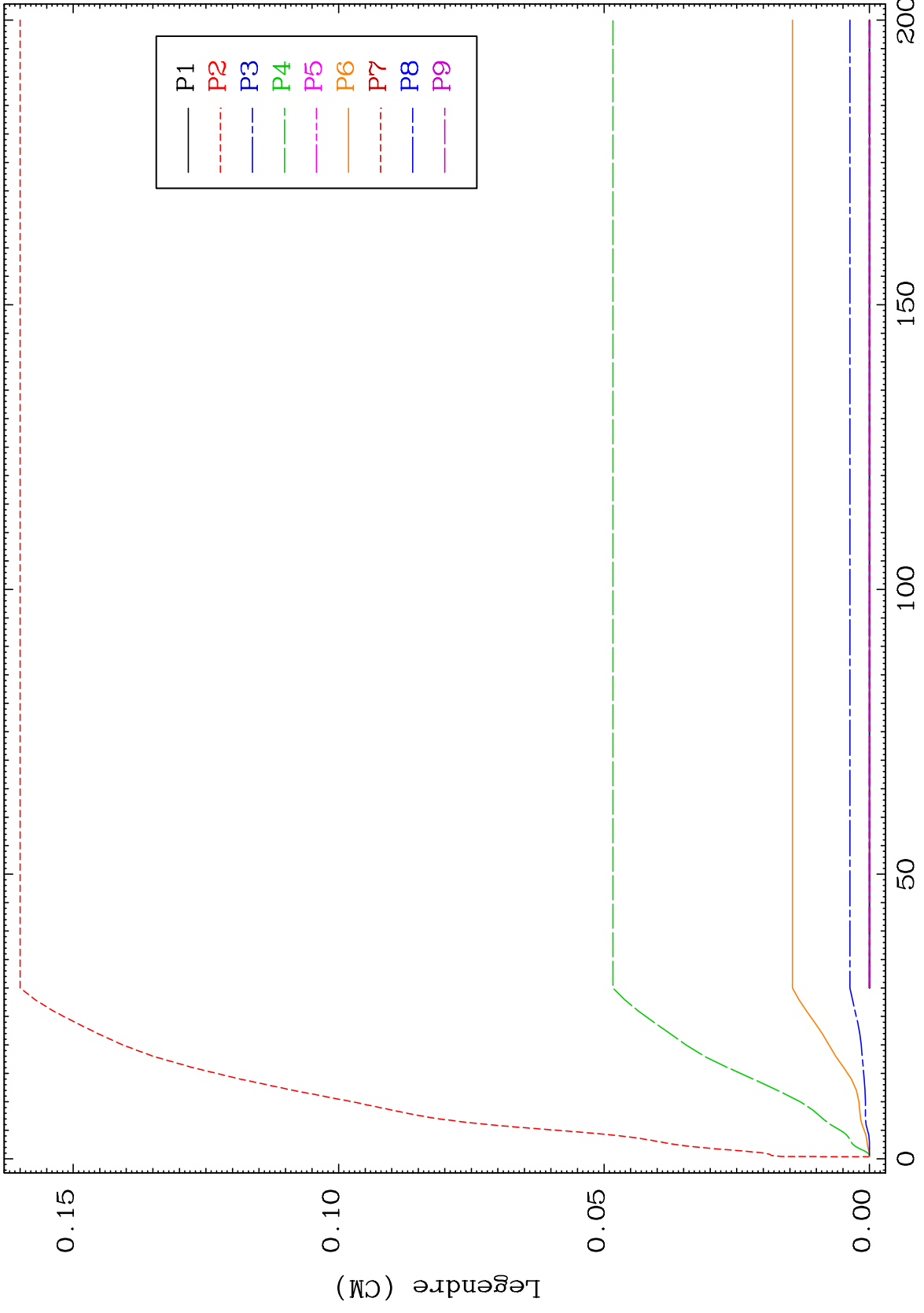
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



39

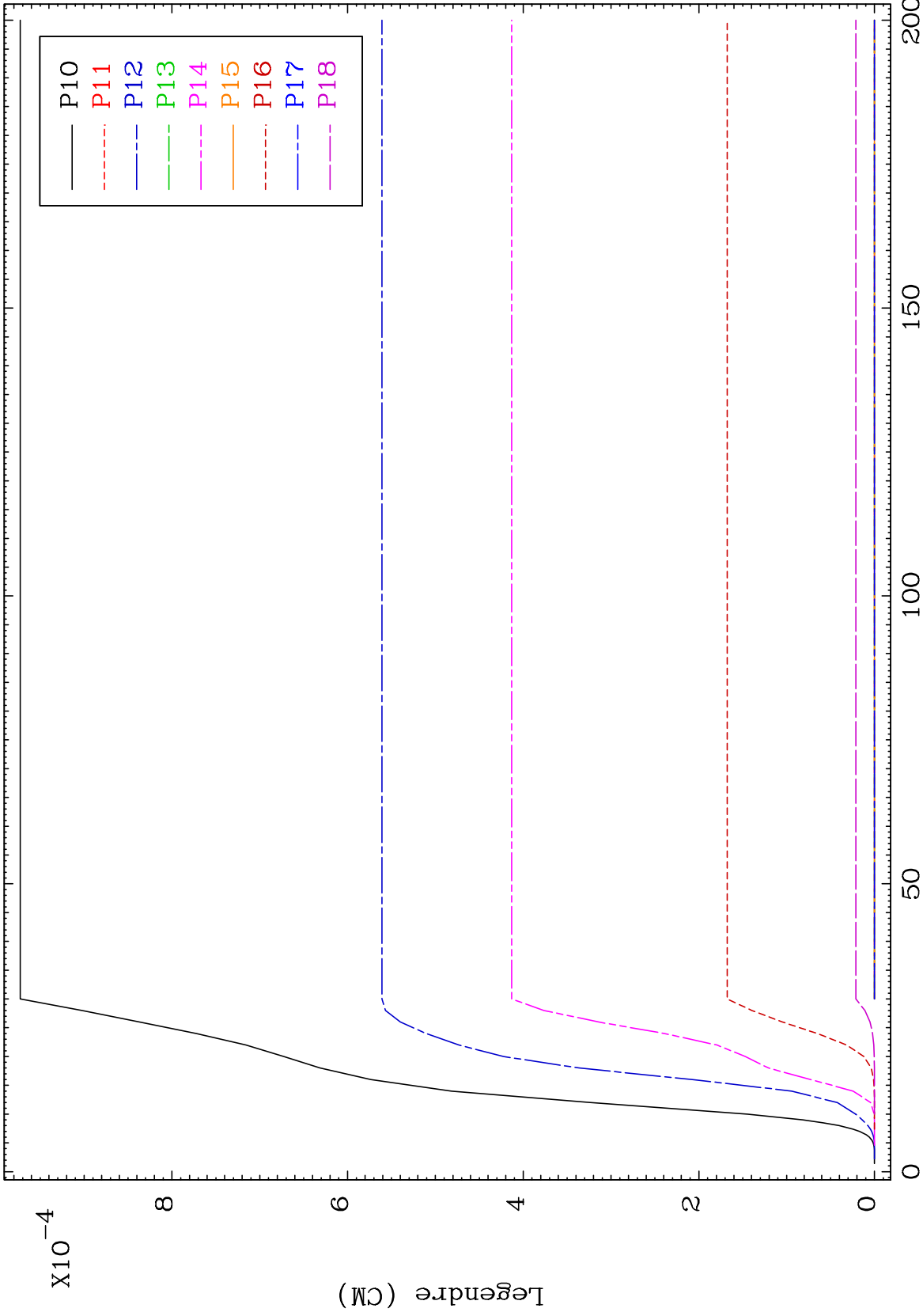
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



40

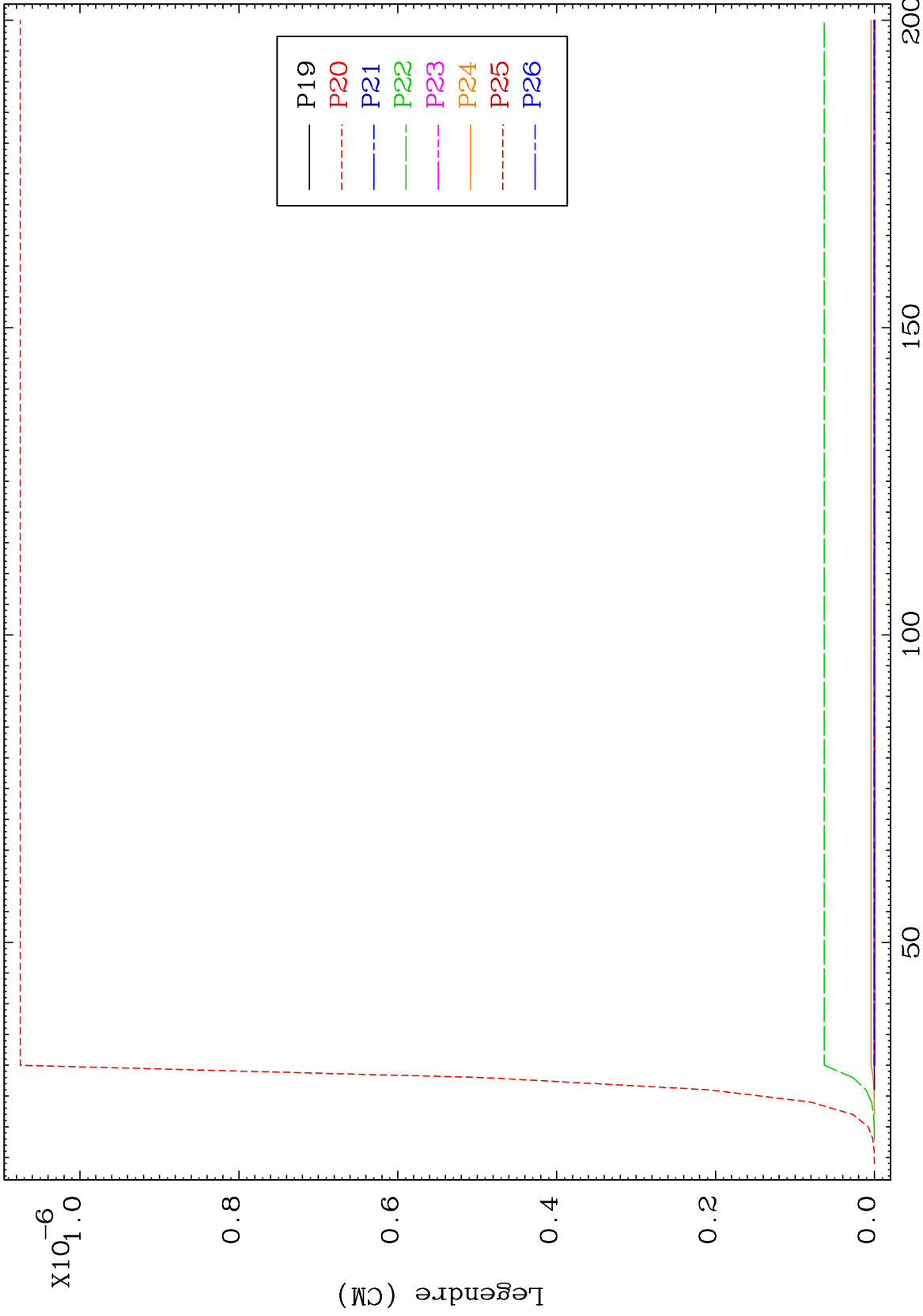
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103

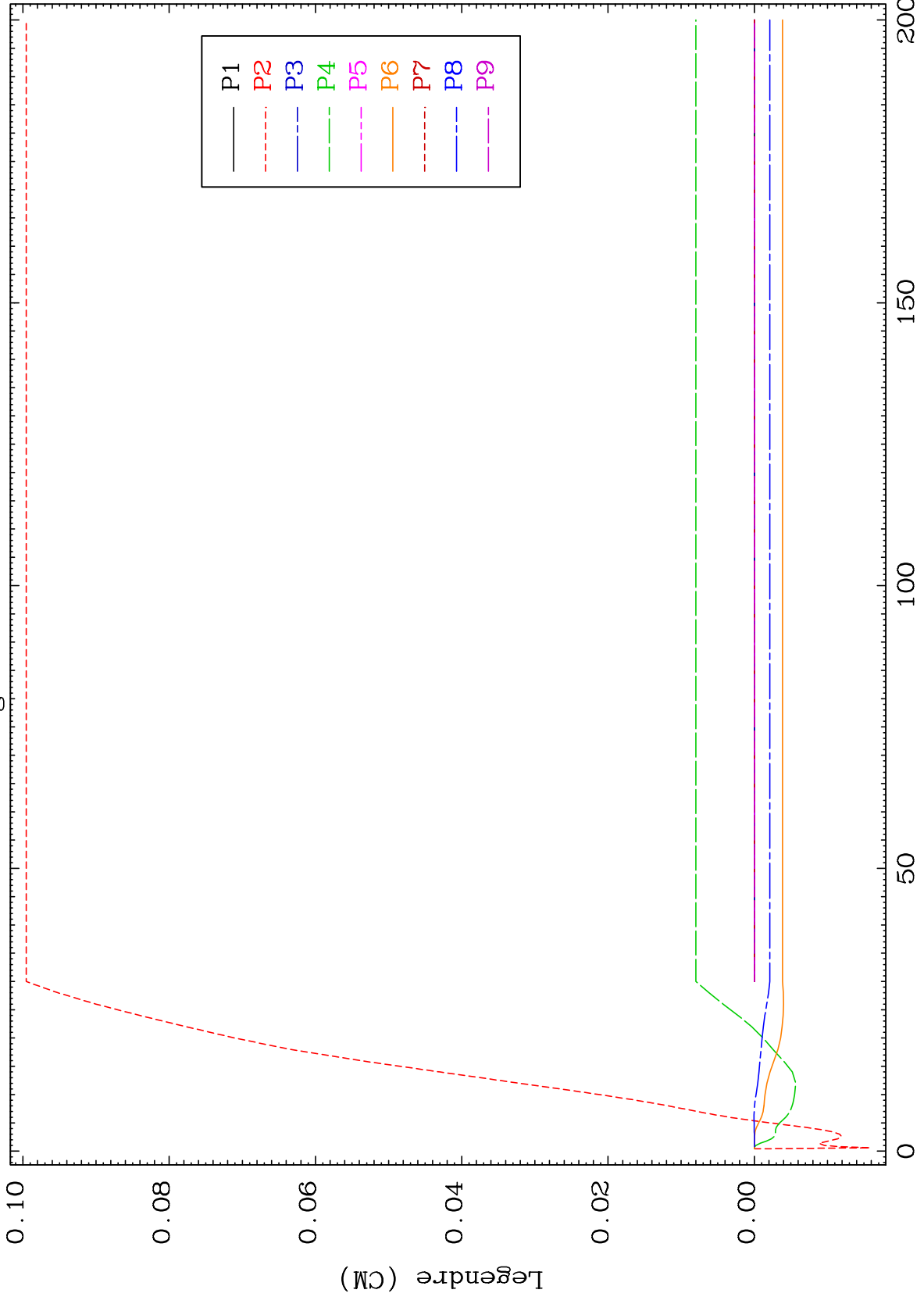


41

Incident Energy (MeV)

44-Ru-103

MAT 4446 MT= 58 (n,n') Level Legendre Coefficients 44-Ru-103

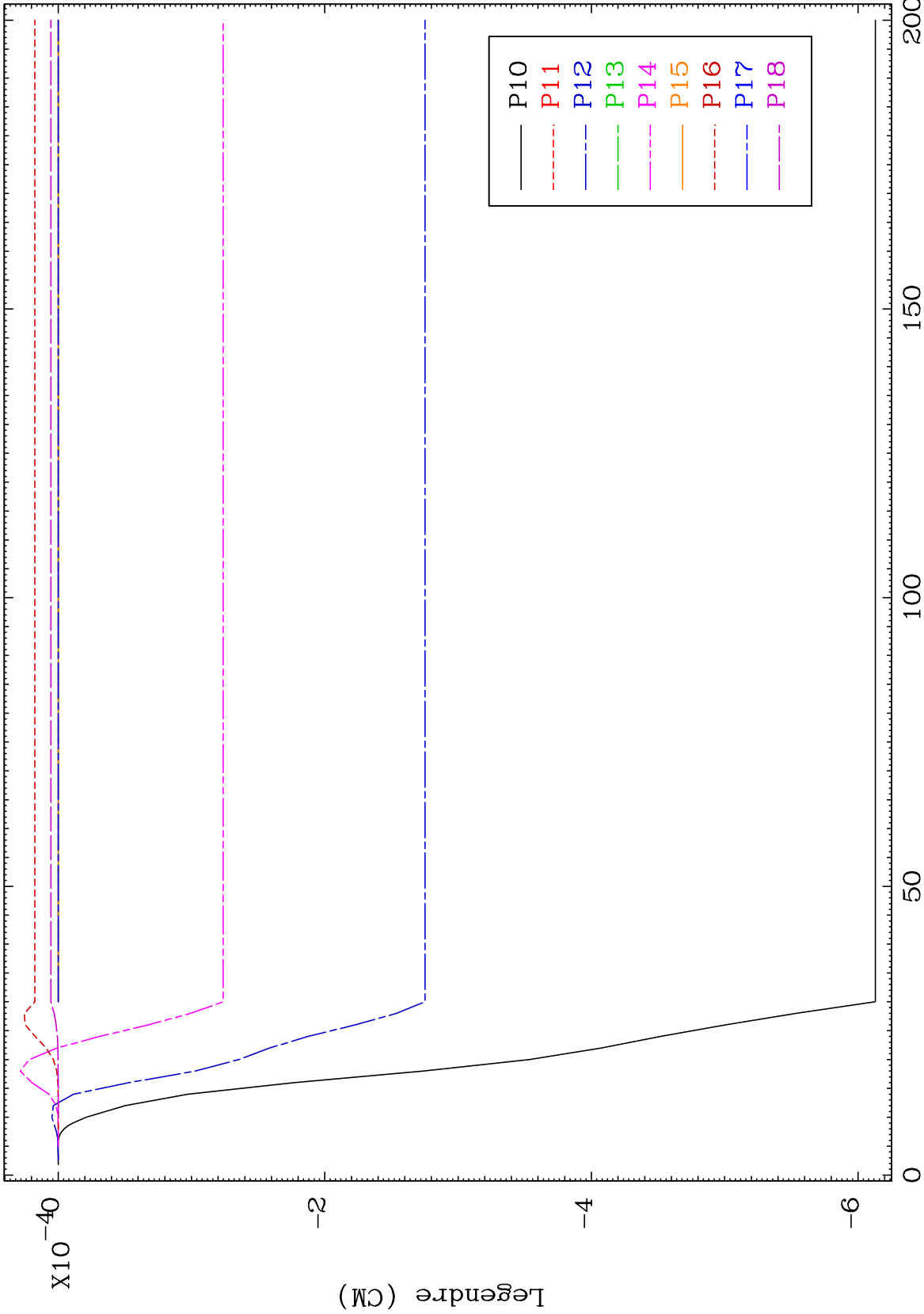


44-Ru-103

MAT 4446

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

44-Ru-103

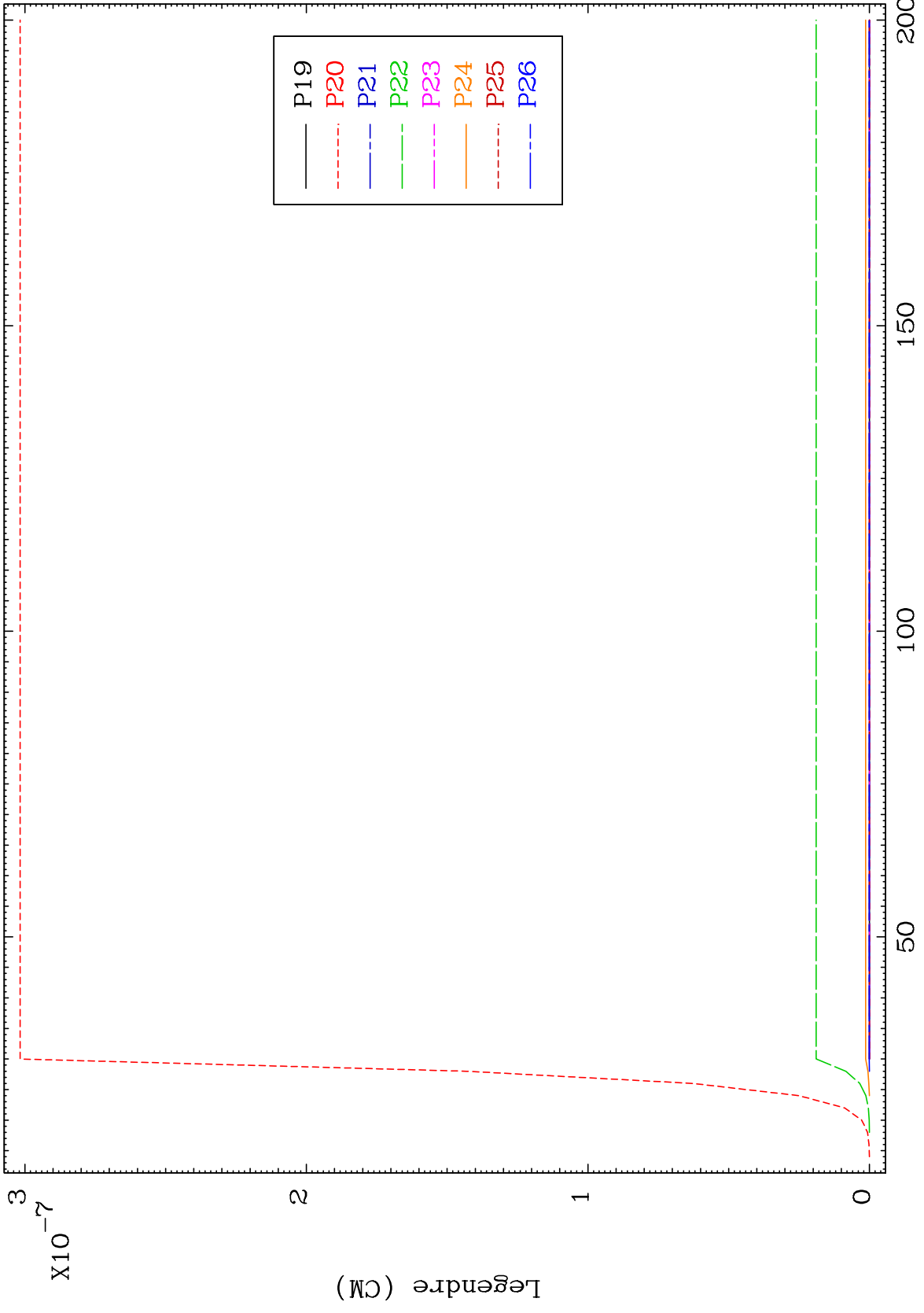


43

Incident Energy (MeV)

44-Ru-103

MAT 4446 MT= 58 (n,n') Level Legendre Coefficients 44-Ru-103

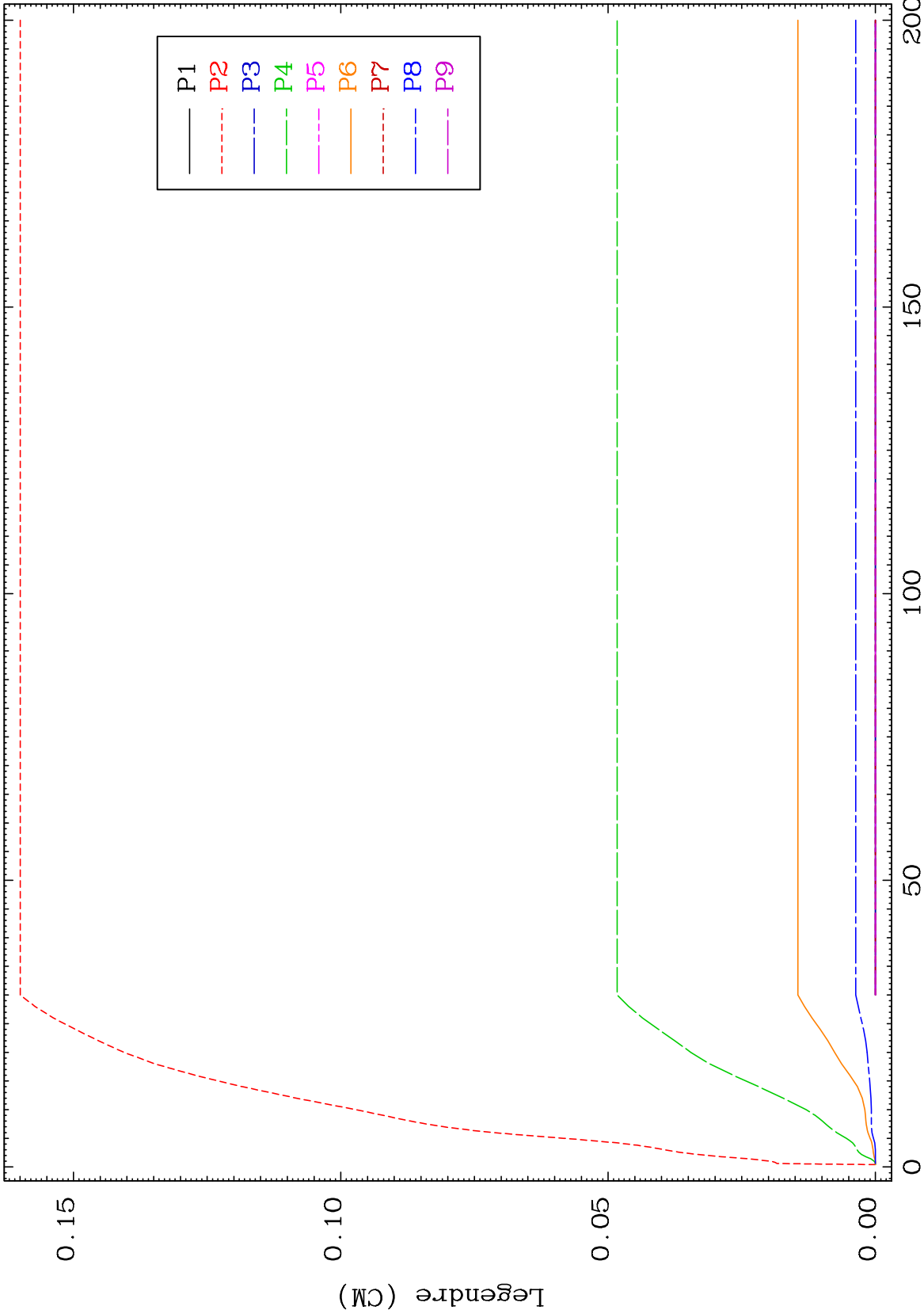


44 50 100 150 200 44-Ru-103

MAT 4446

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

44-Ru-103



45

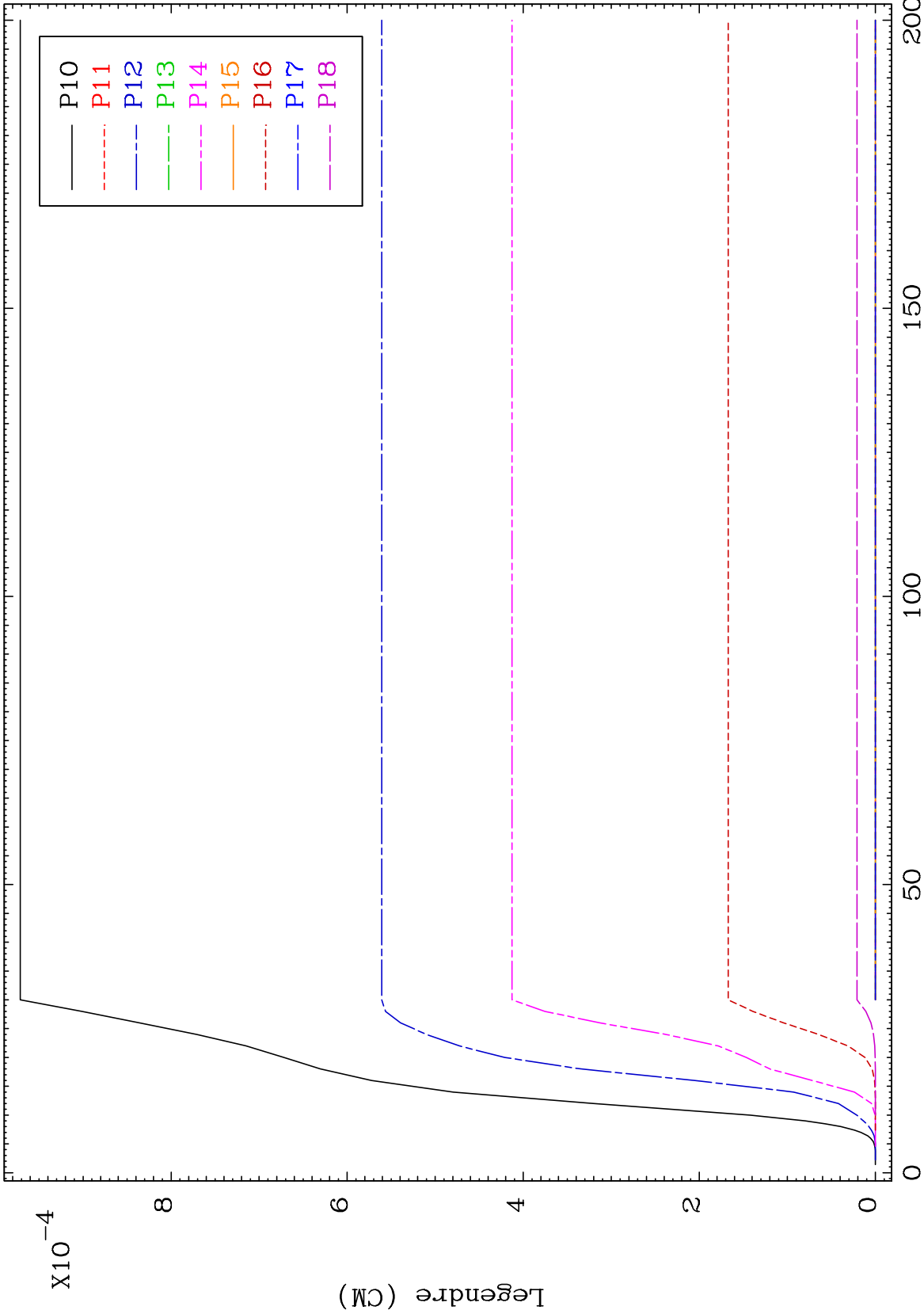
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



46

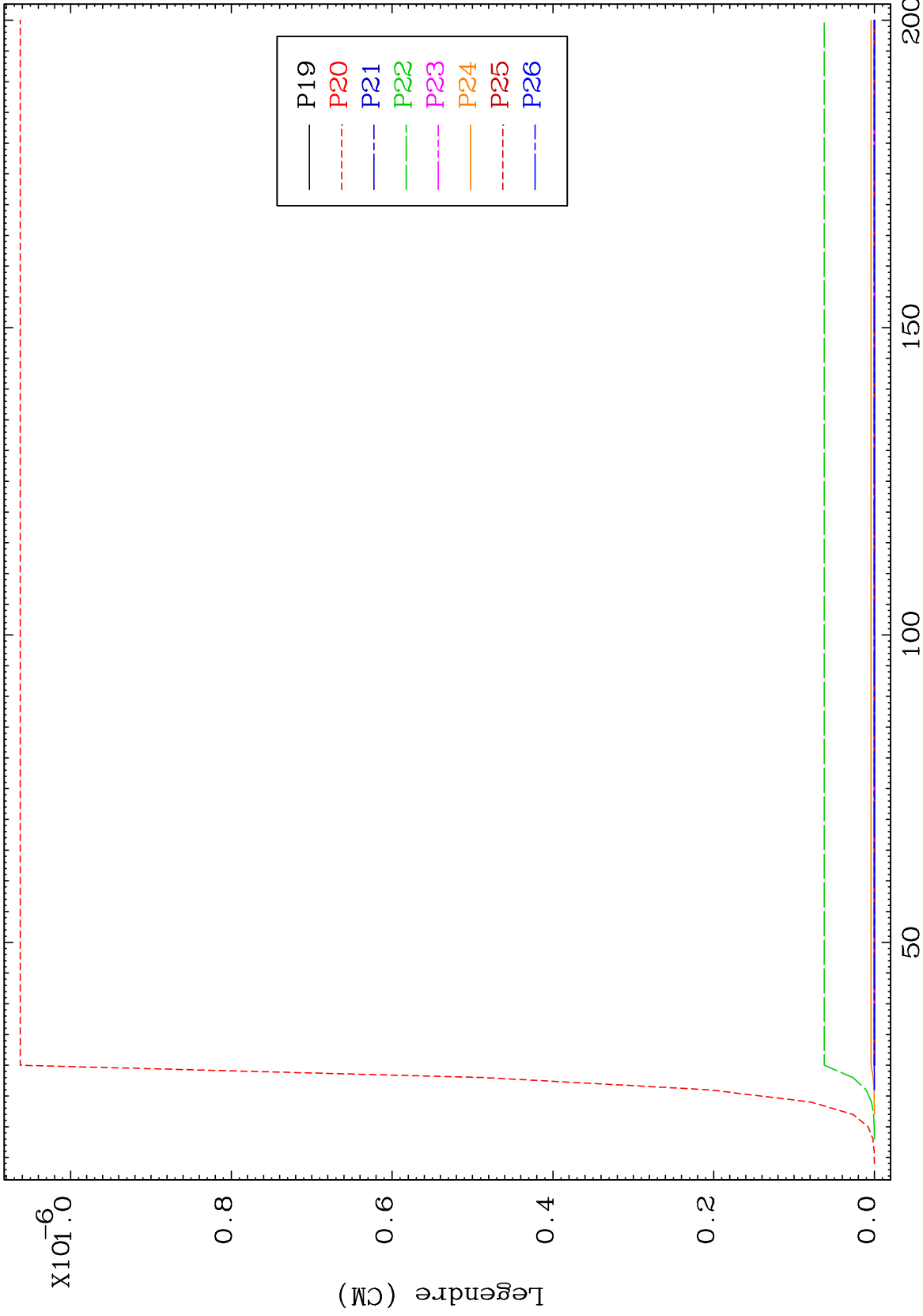
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



47

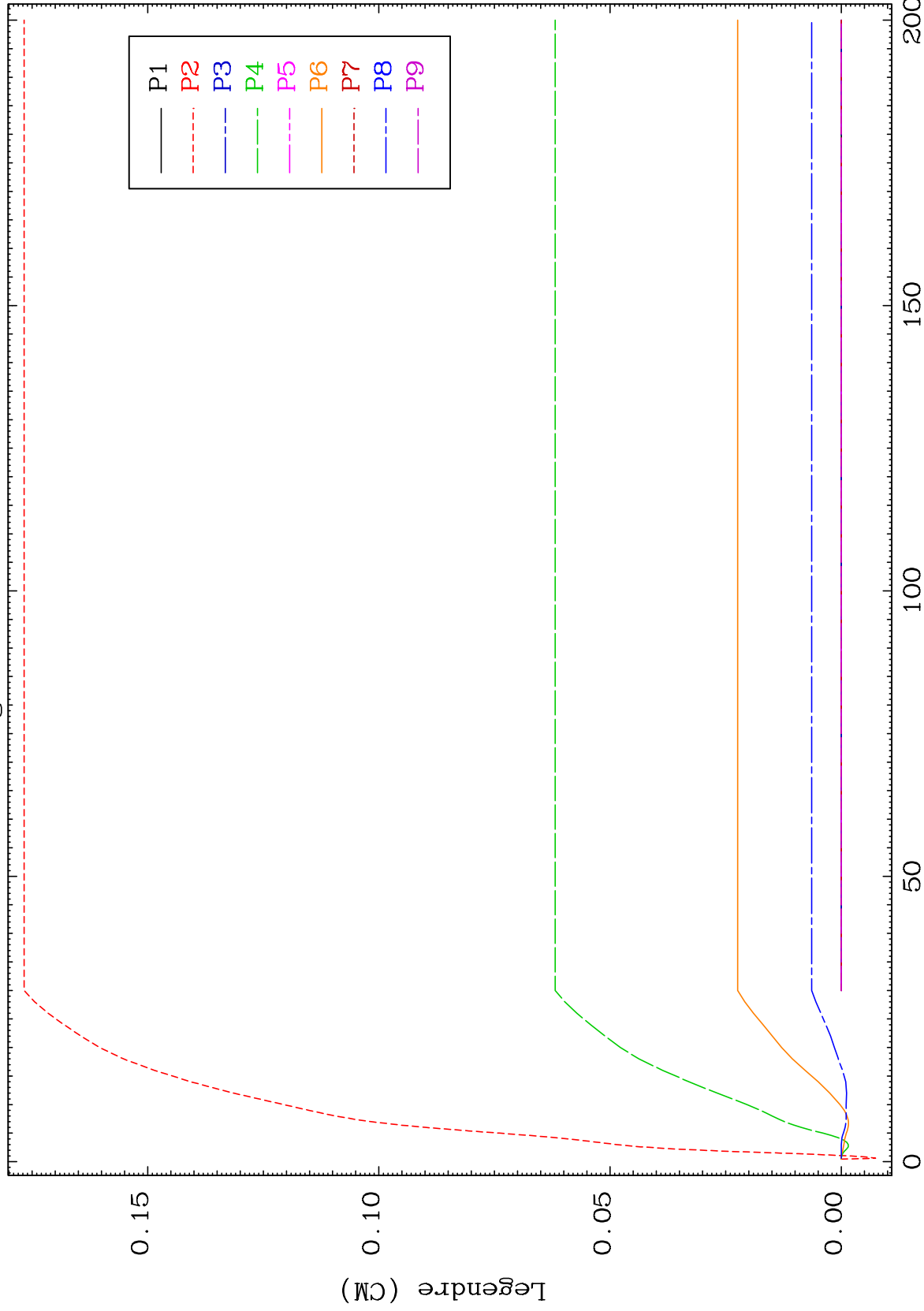
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



48

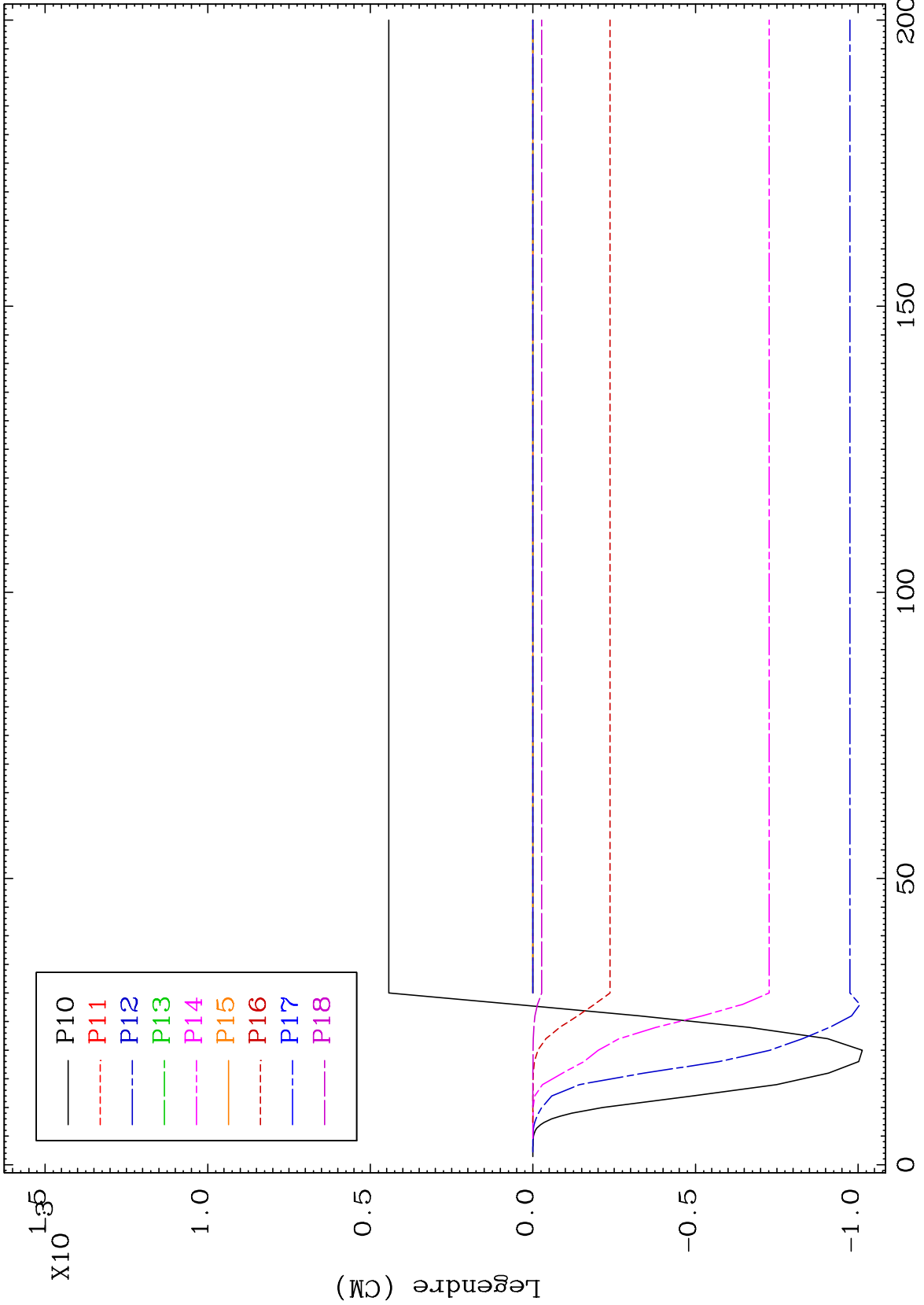
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103

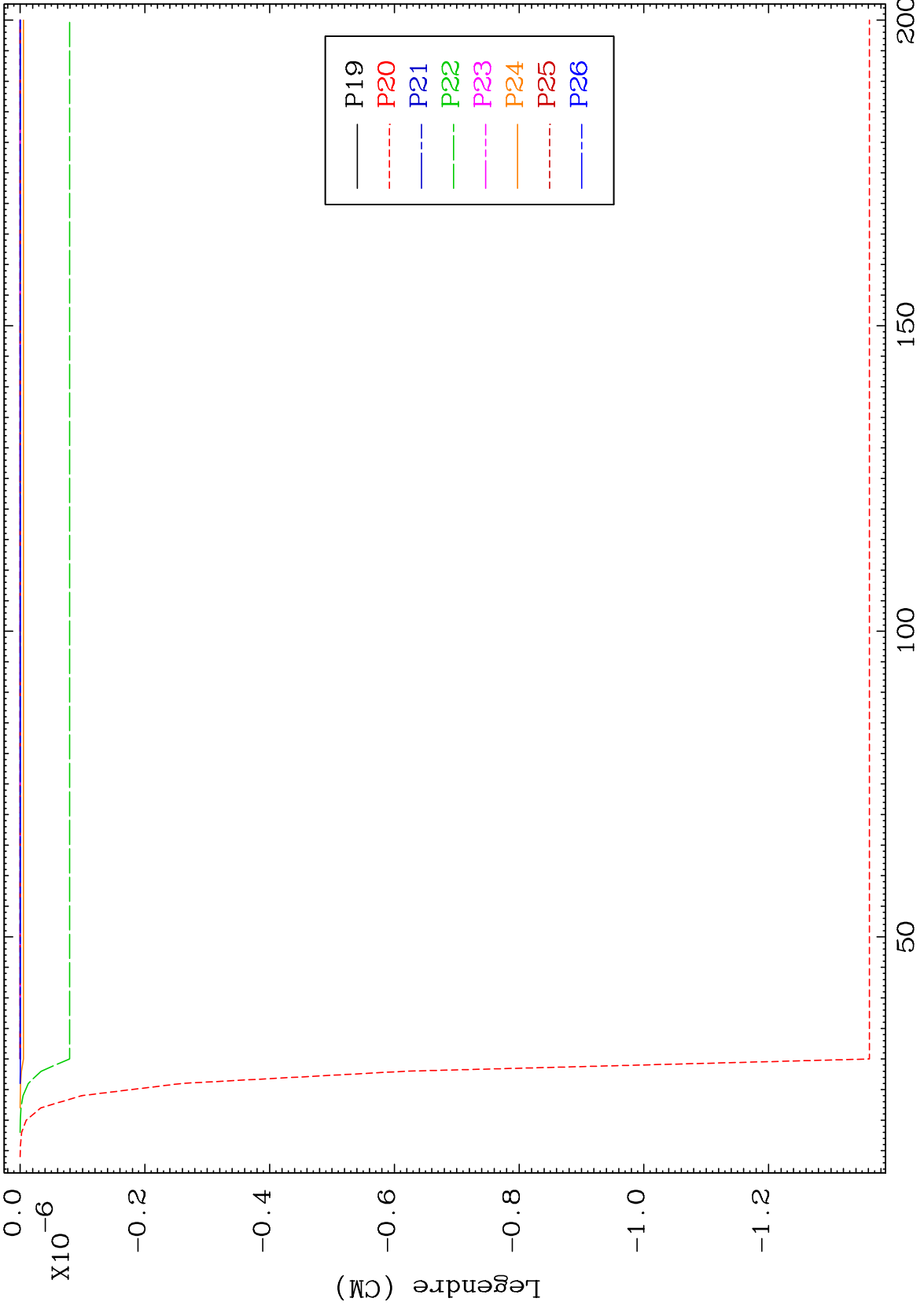


49

Incident Energy (MeV)

44-Ru-103

MAT 4446 MT= 60 (n,n') Level Legendre Coefficients 44-Ru-103

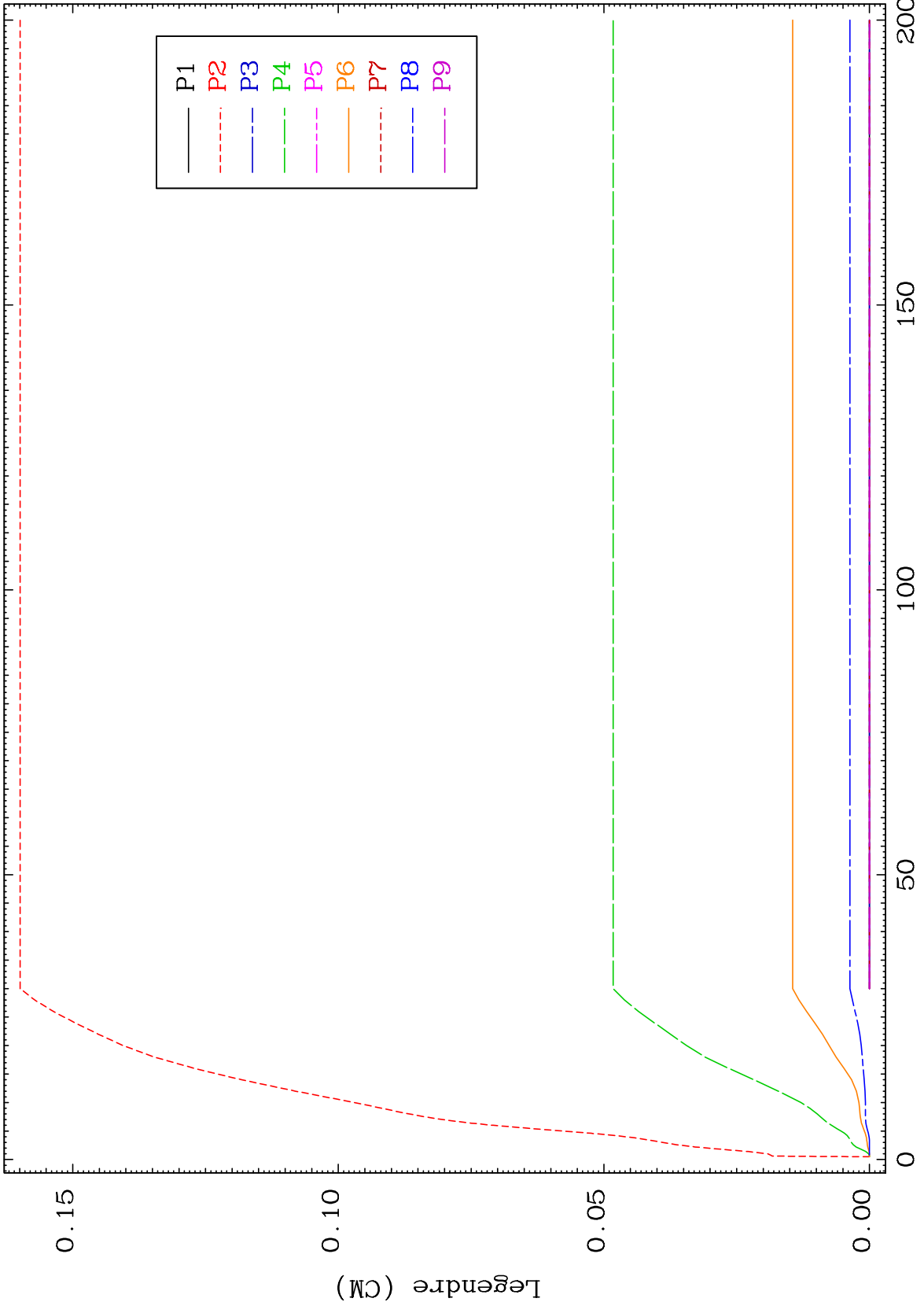


44-Ru-103

MAT 4446

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

44-Ru-103



51

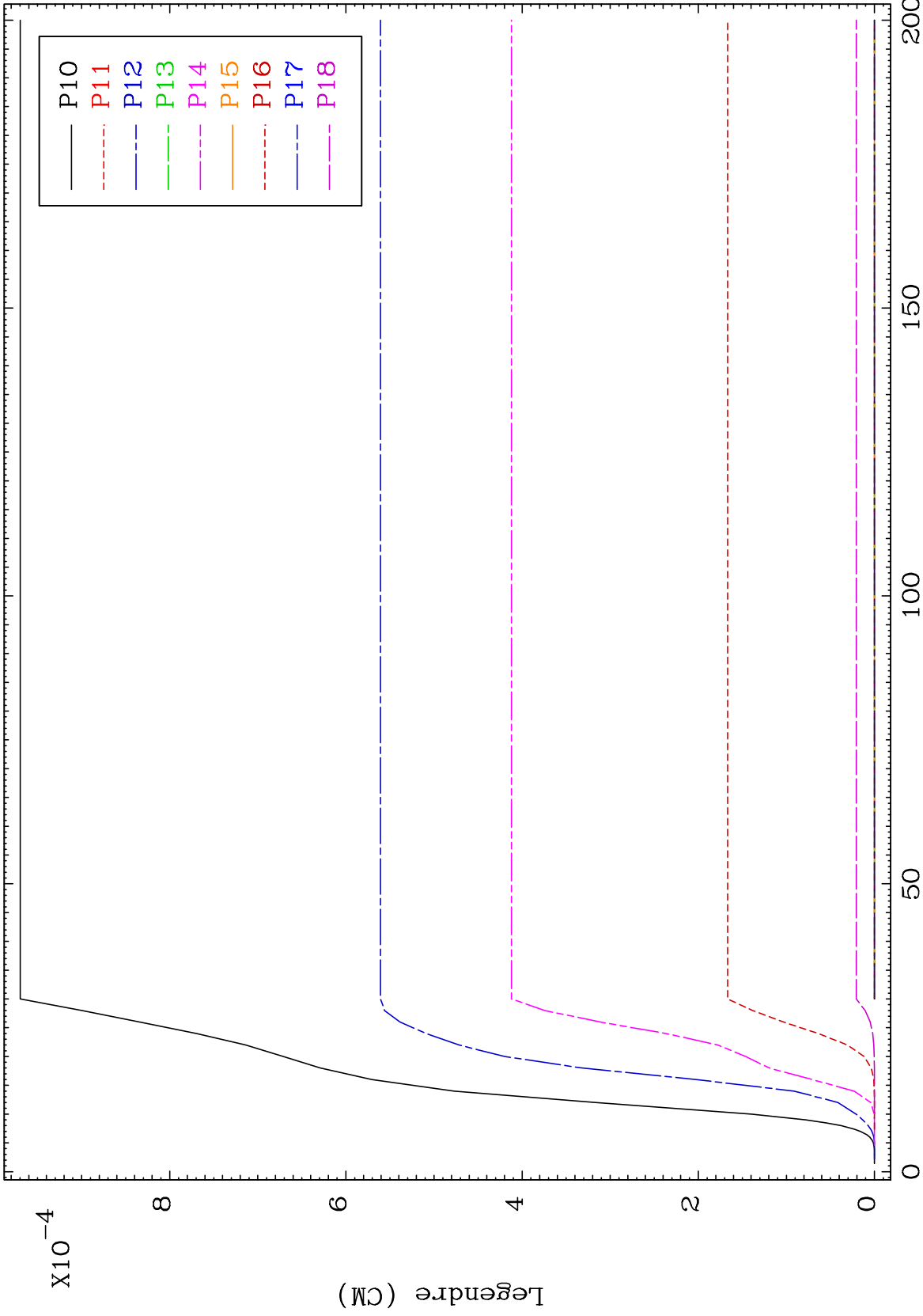
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



52

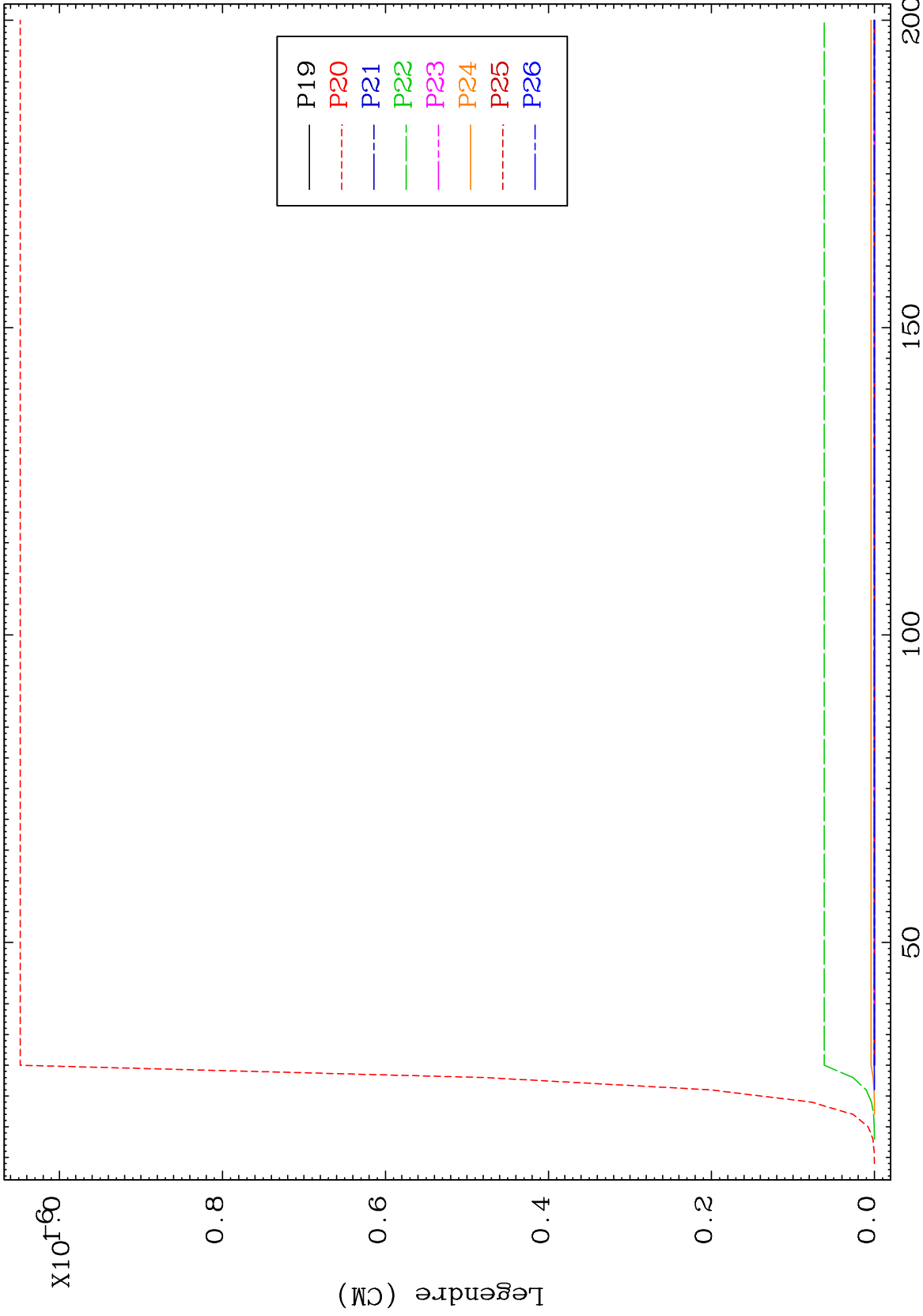
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



53

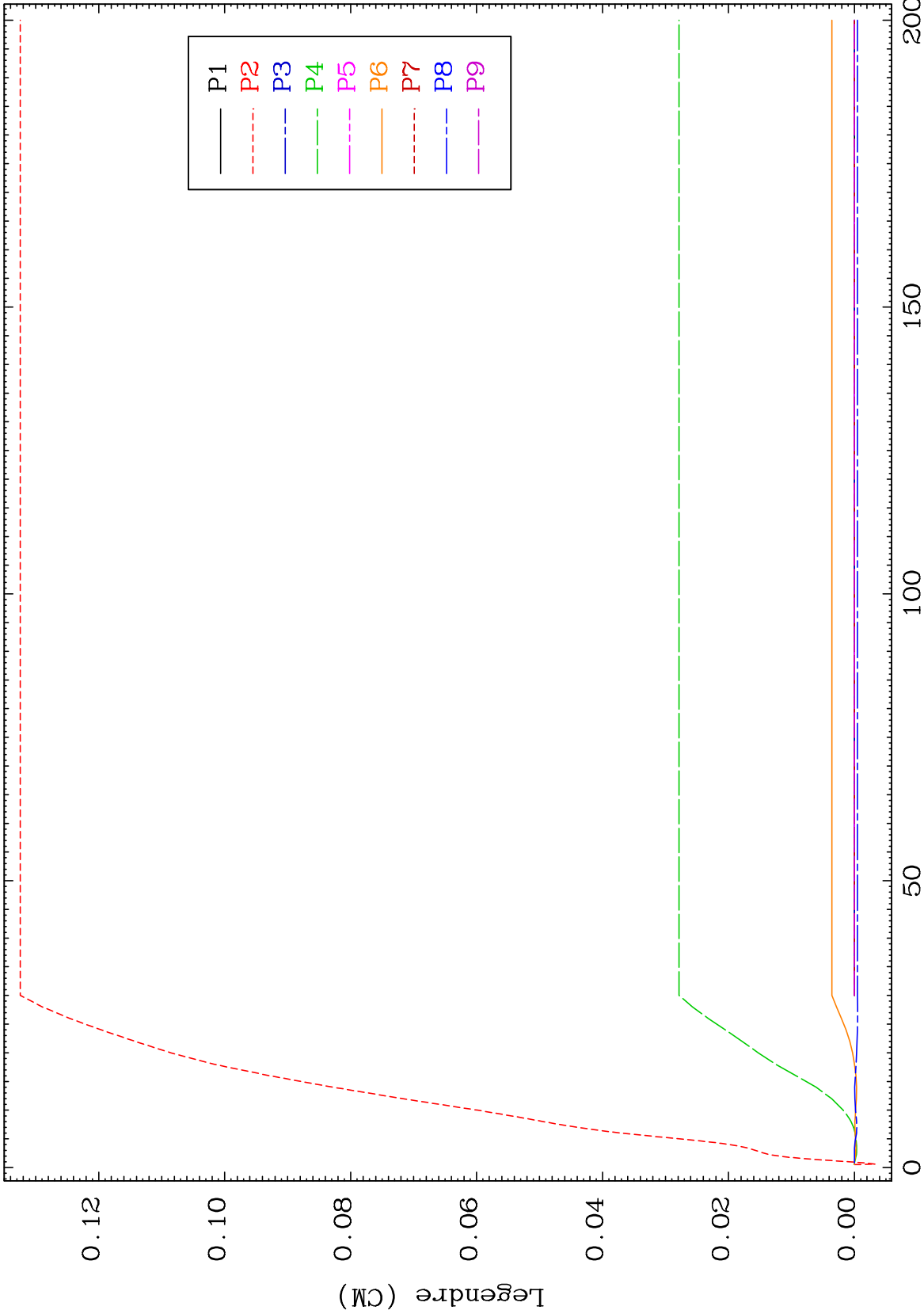
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



54

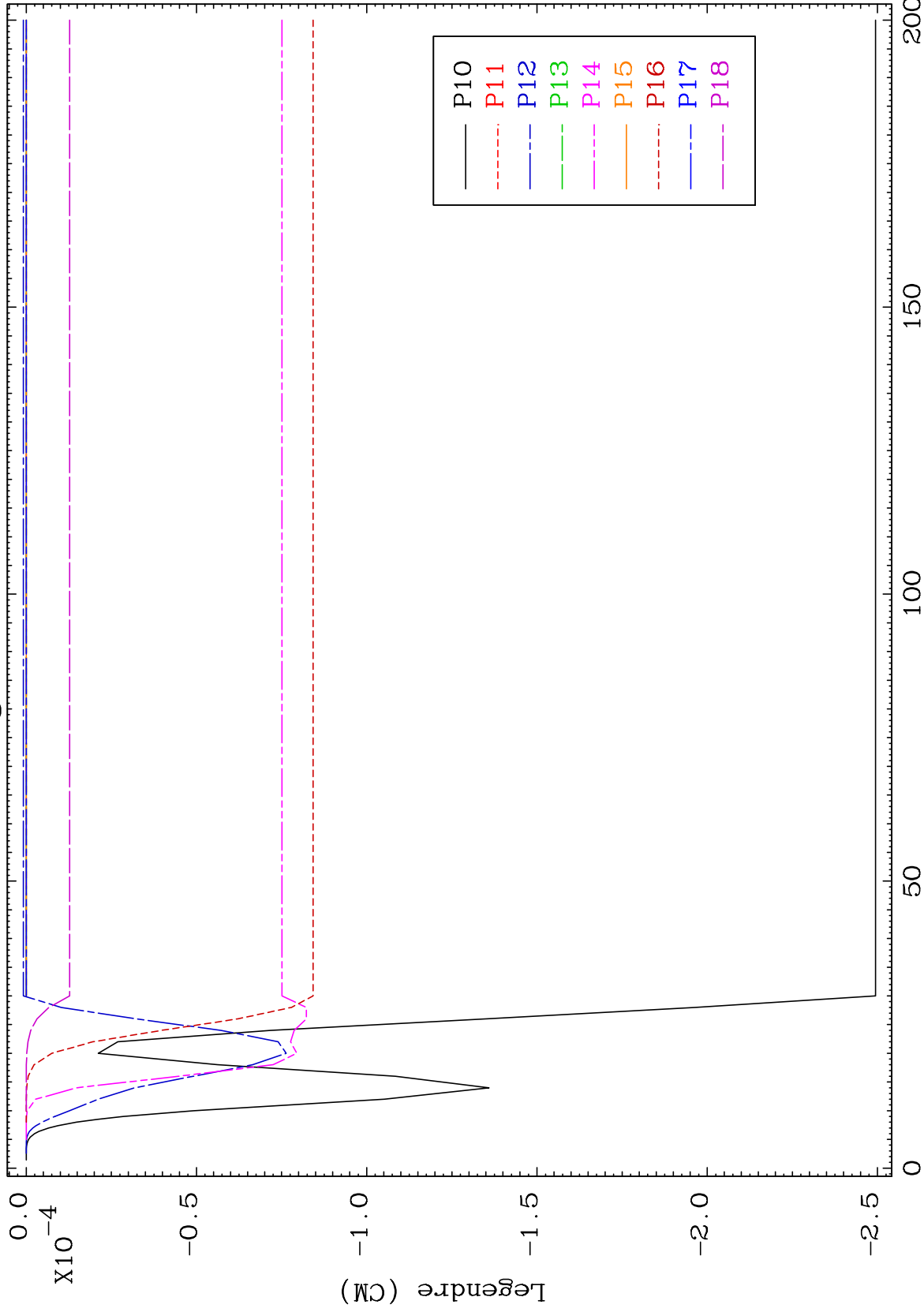
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



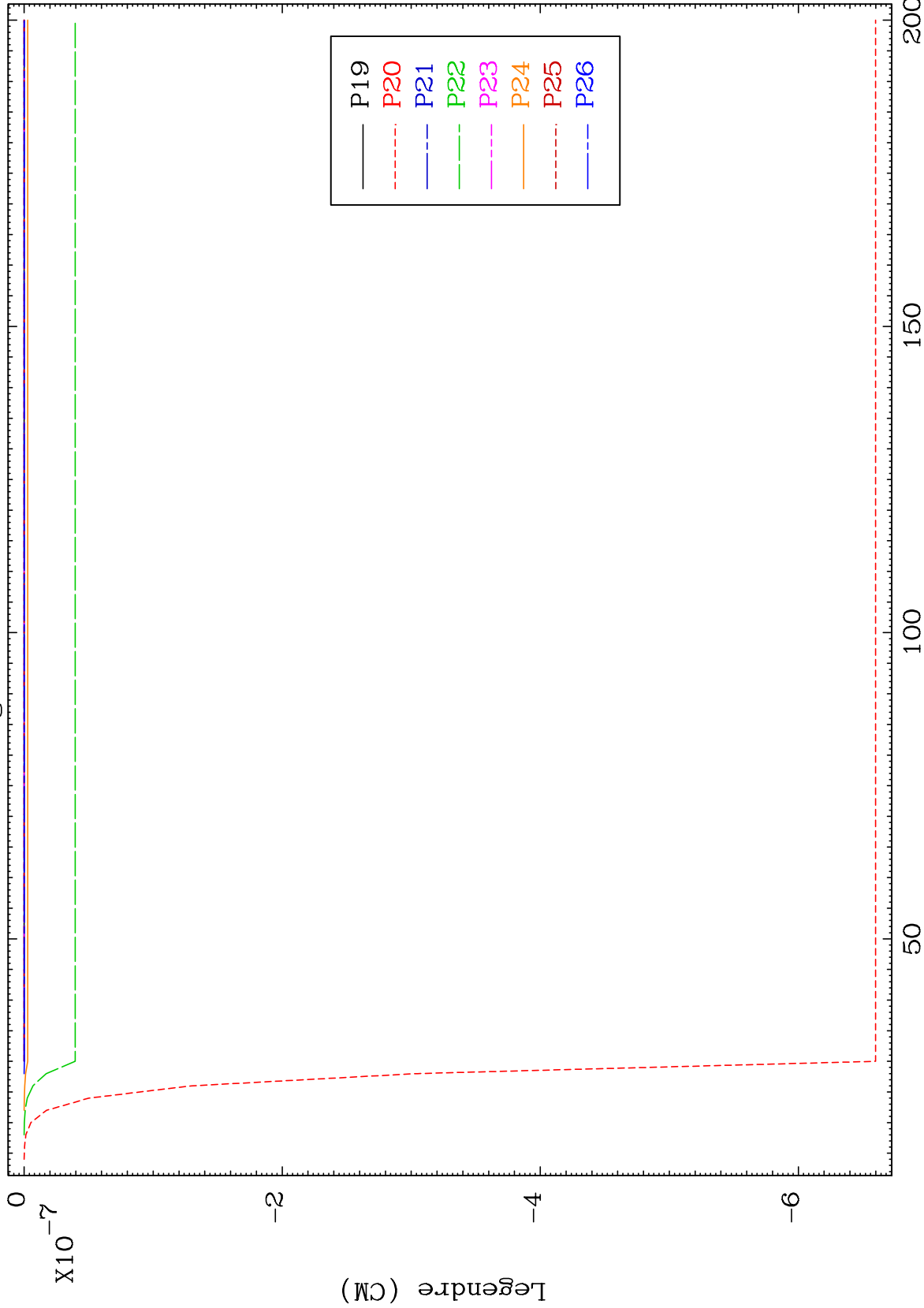
55

44-Ru-103

MAT 4446

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

44-Ru-103



56

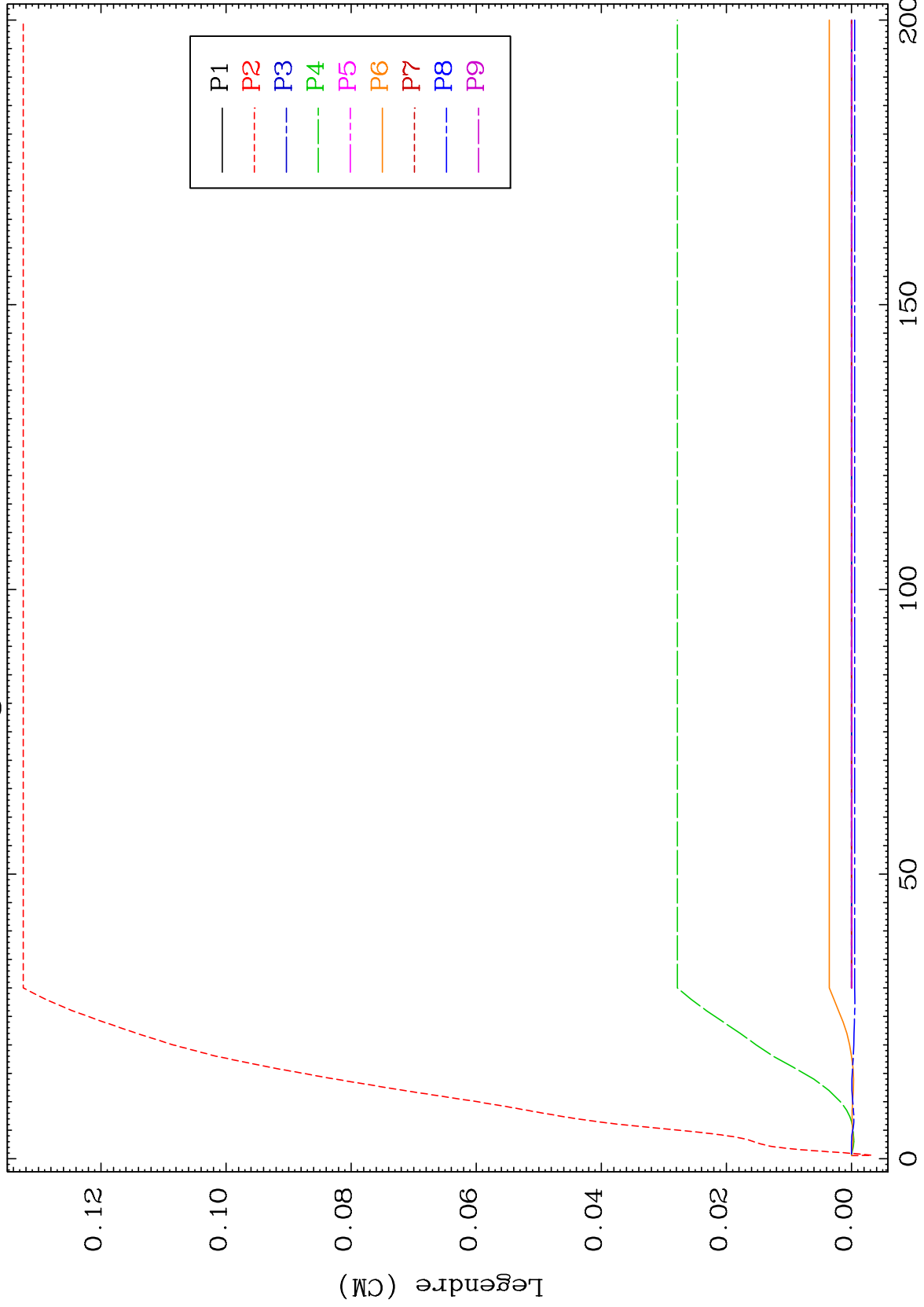
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



57

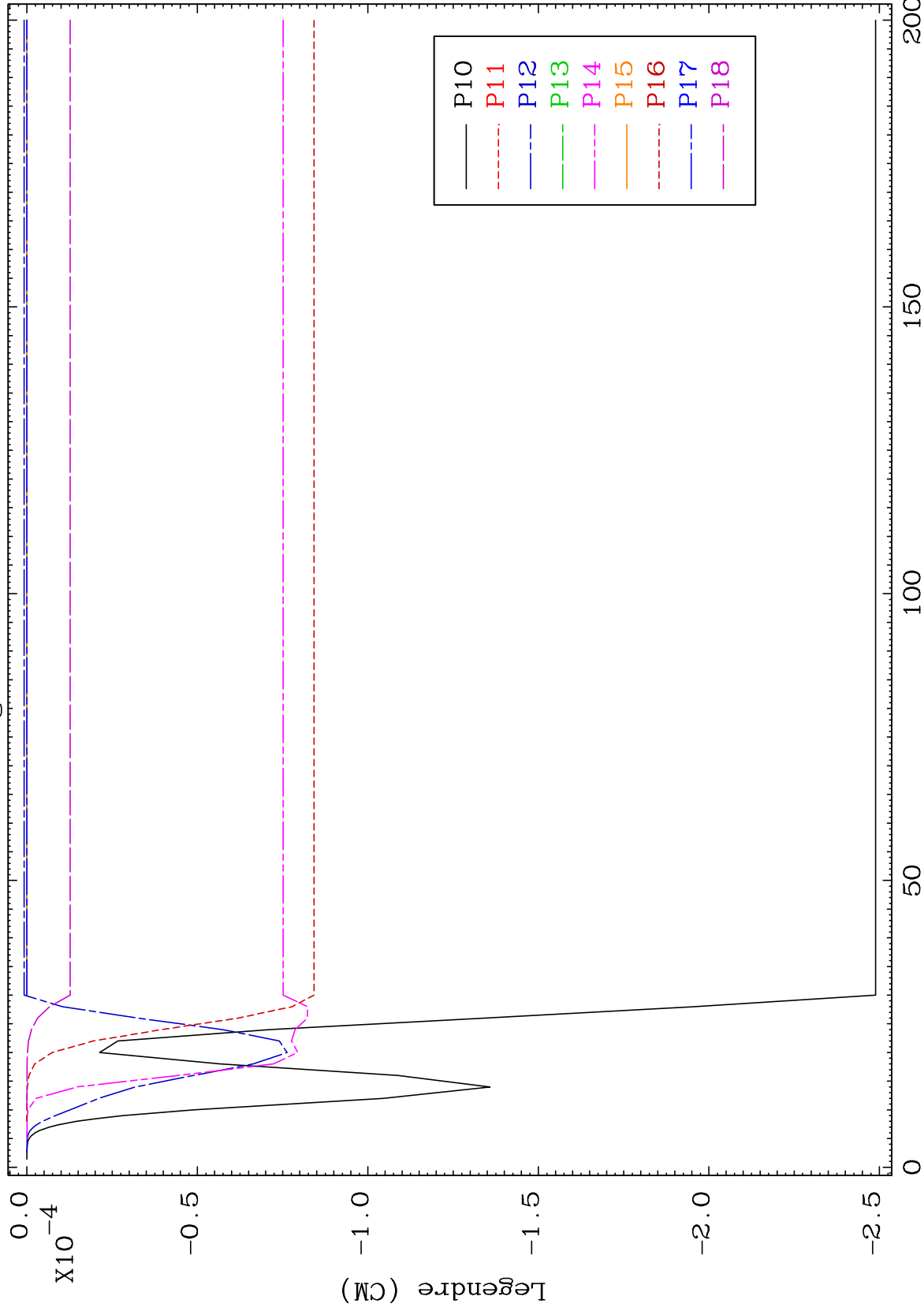
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



58

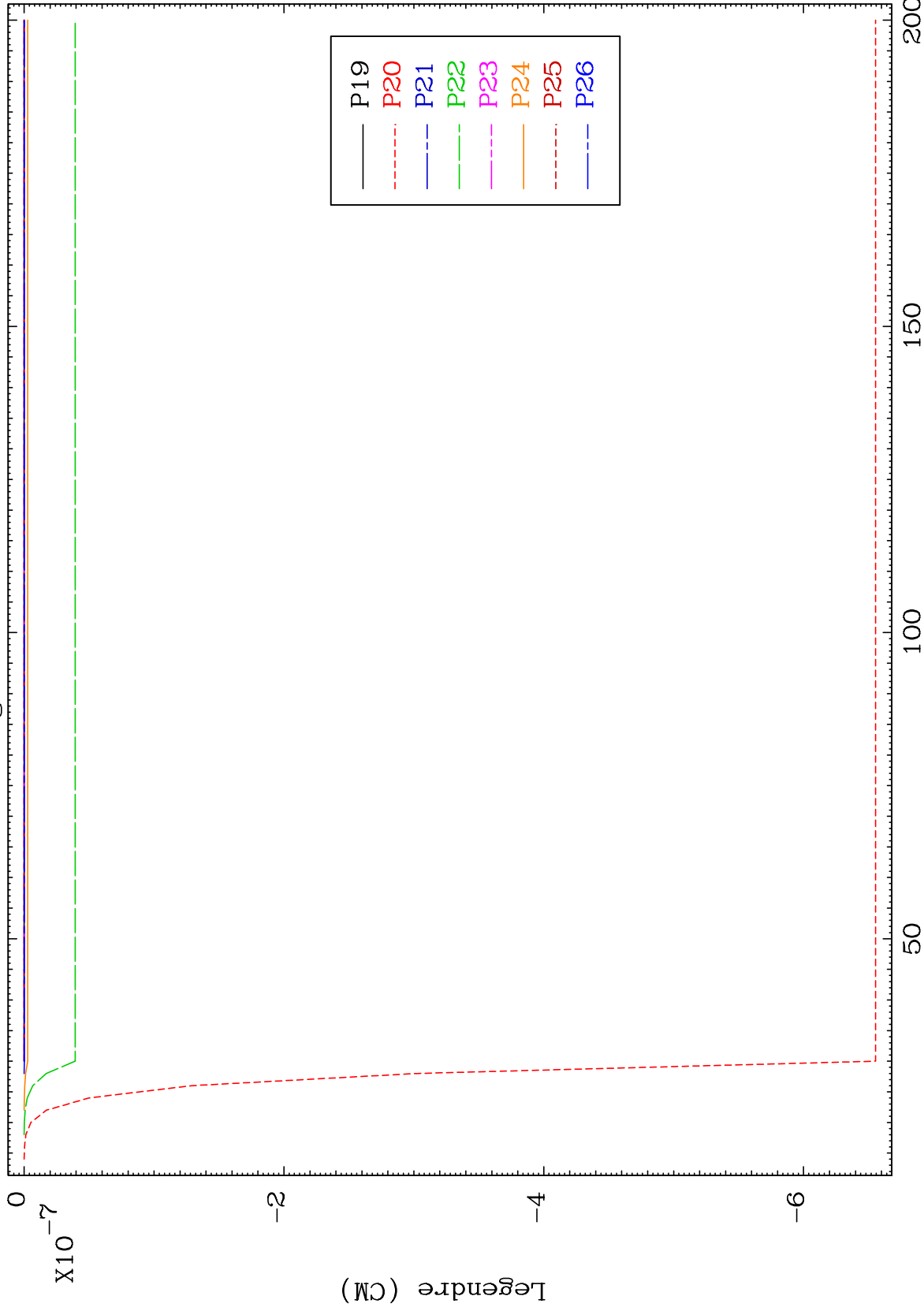
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



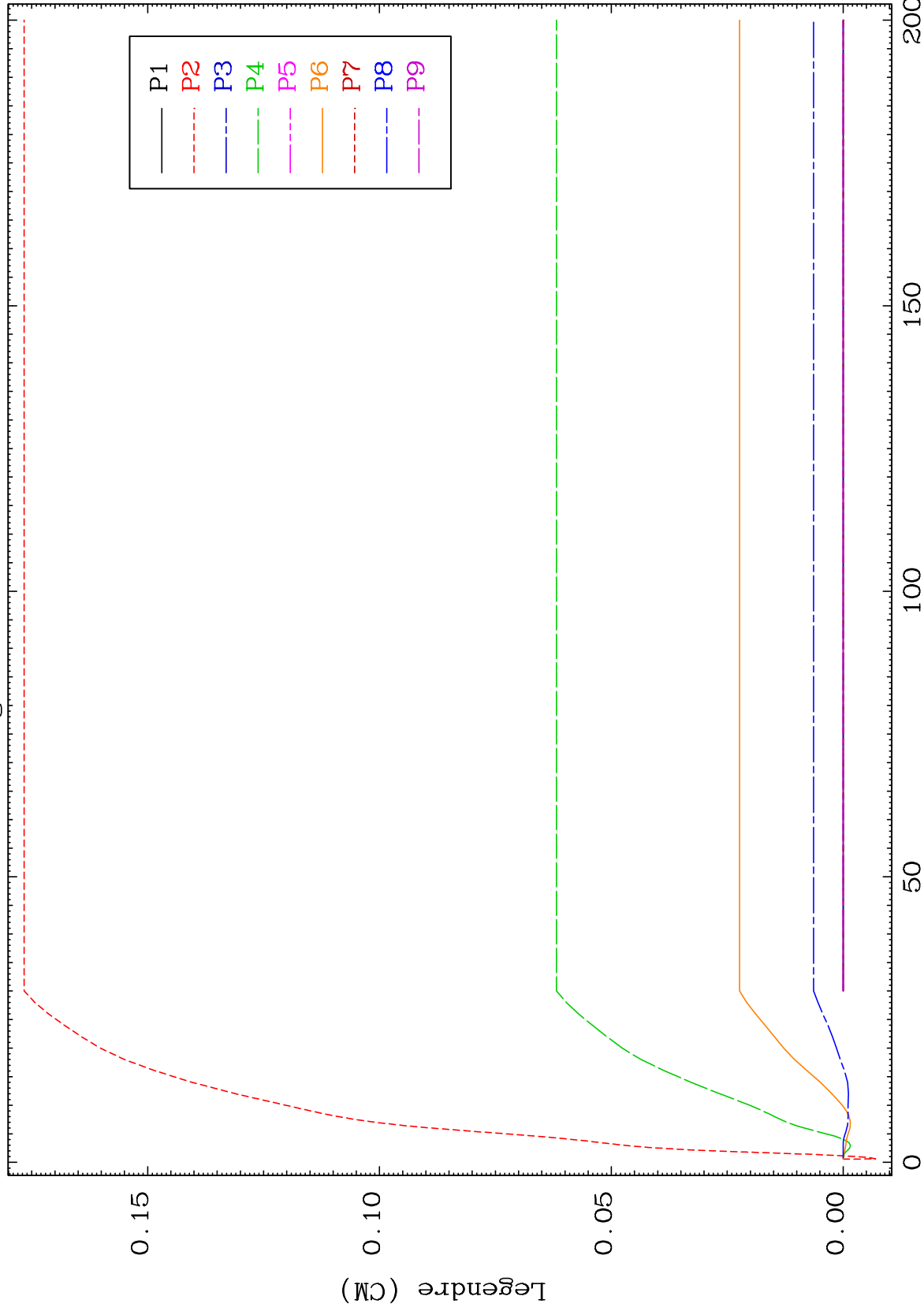
59

44-Ru-103

MAT 4446

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

44-Ru-103



60

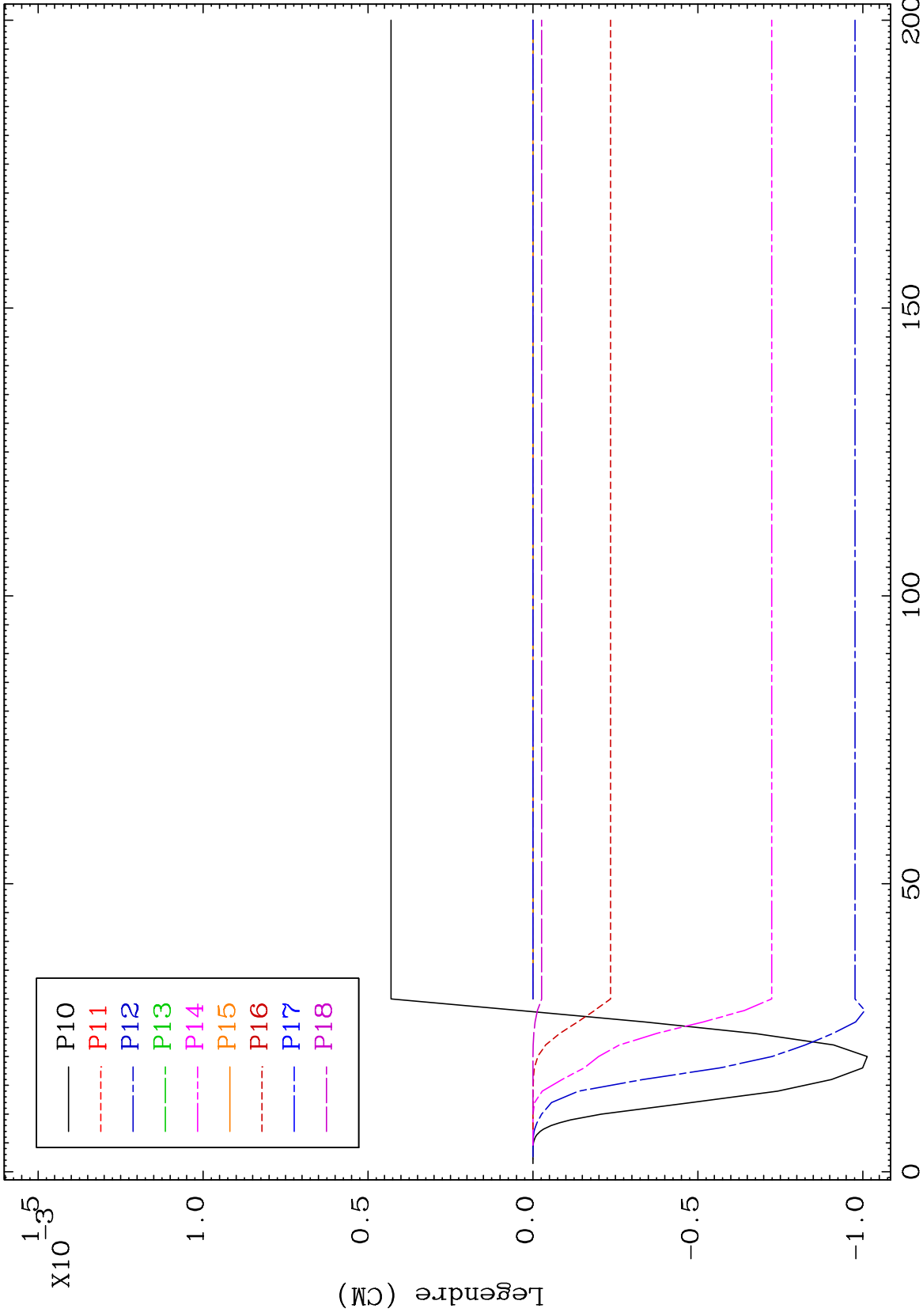
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



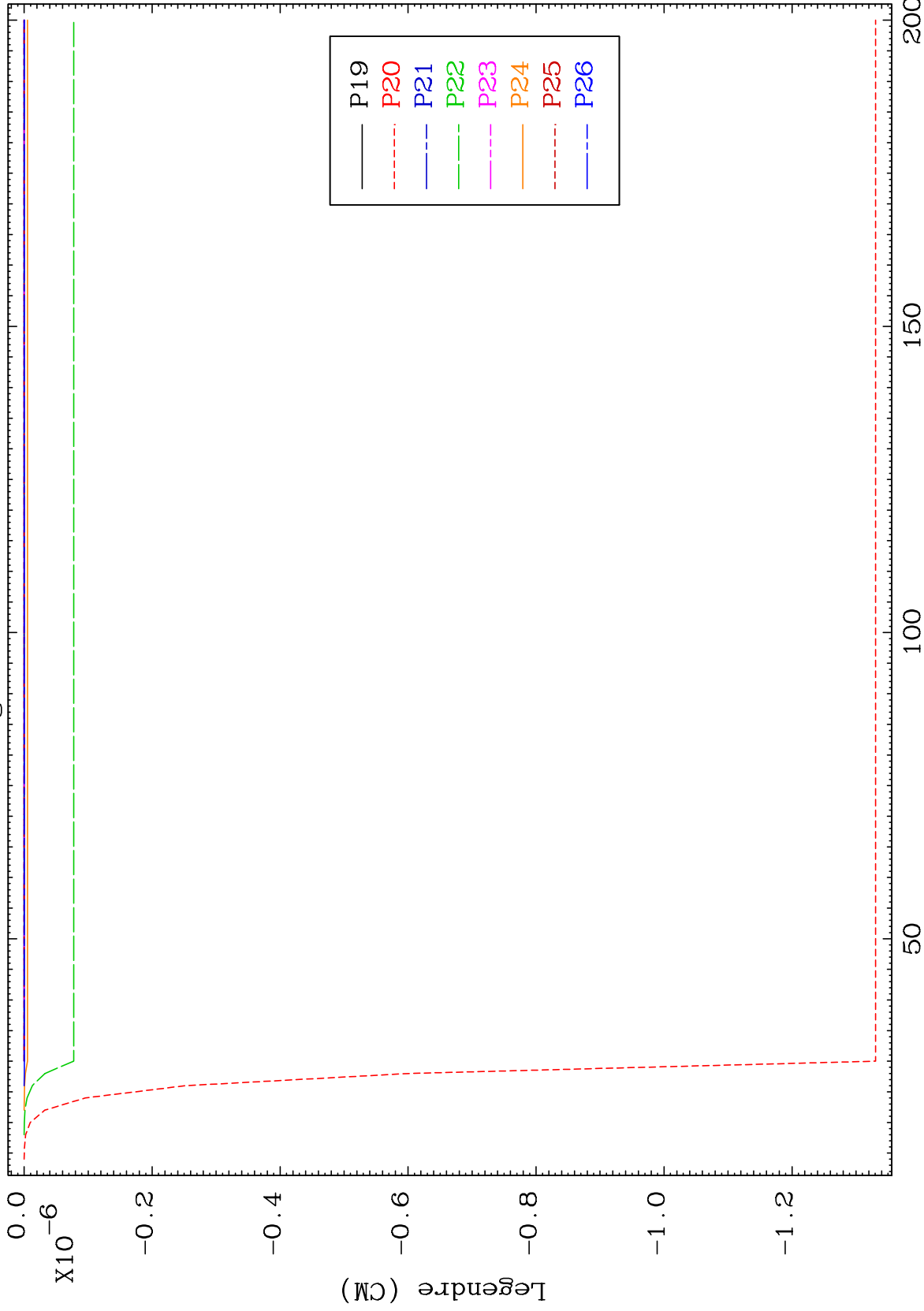
61

44-Ru-103

MAT 4446

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

44-Ru-103

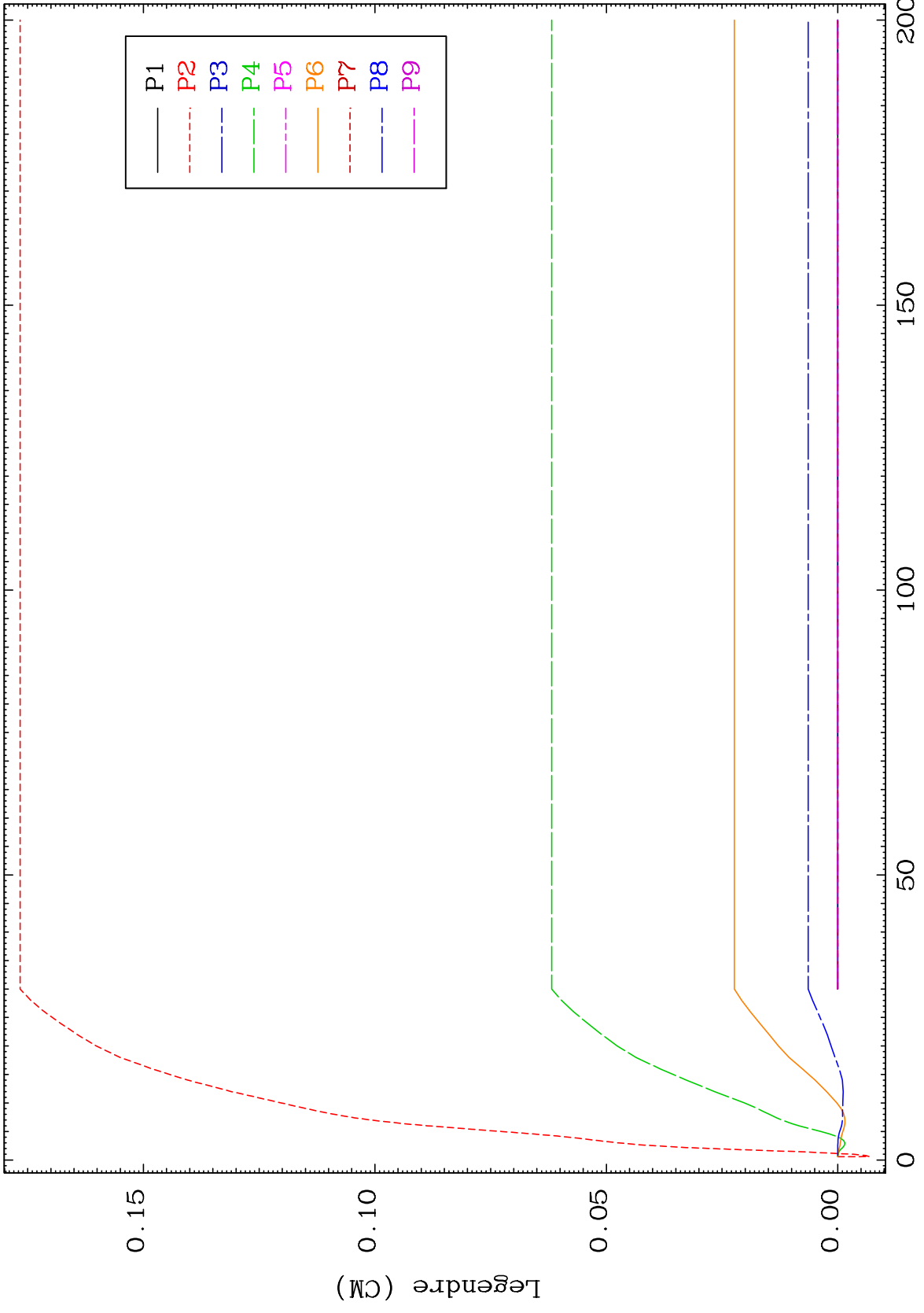


44-Ru-103

Incident Energy (MeV)

62

MAT 4446 MT= 65 (n,n') Level Legendre Coefficients 44-Ru-103

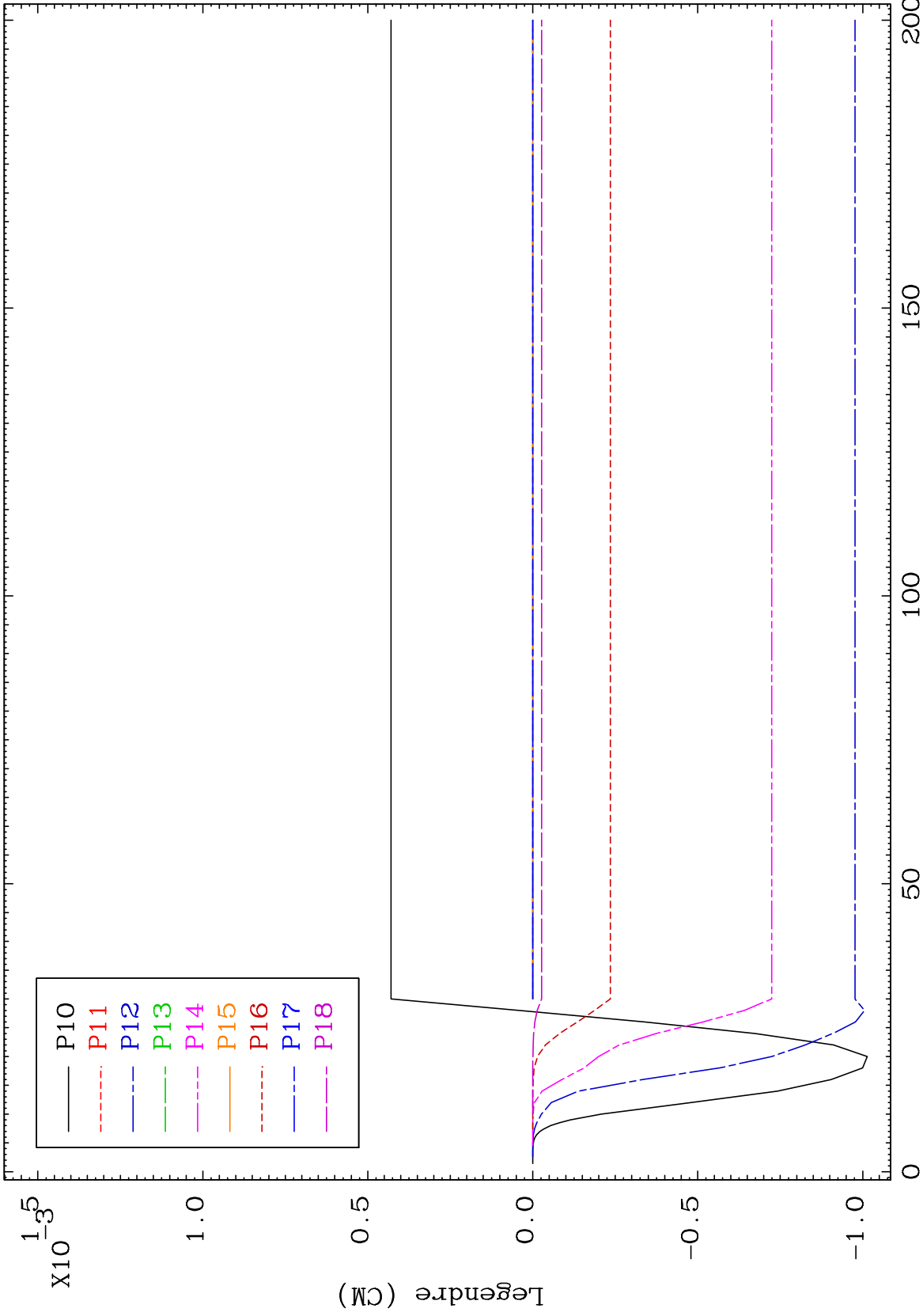


63 Incident Energy (MeV) 44-Ru-103

MAT 4446

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

44-Ru-103



64

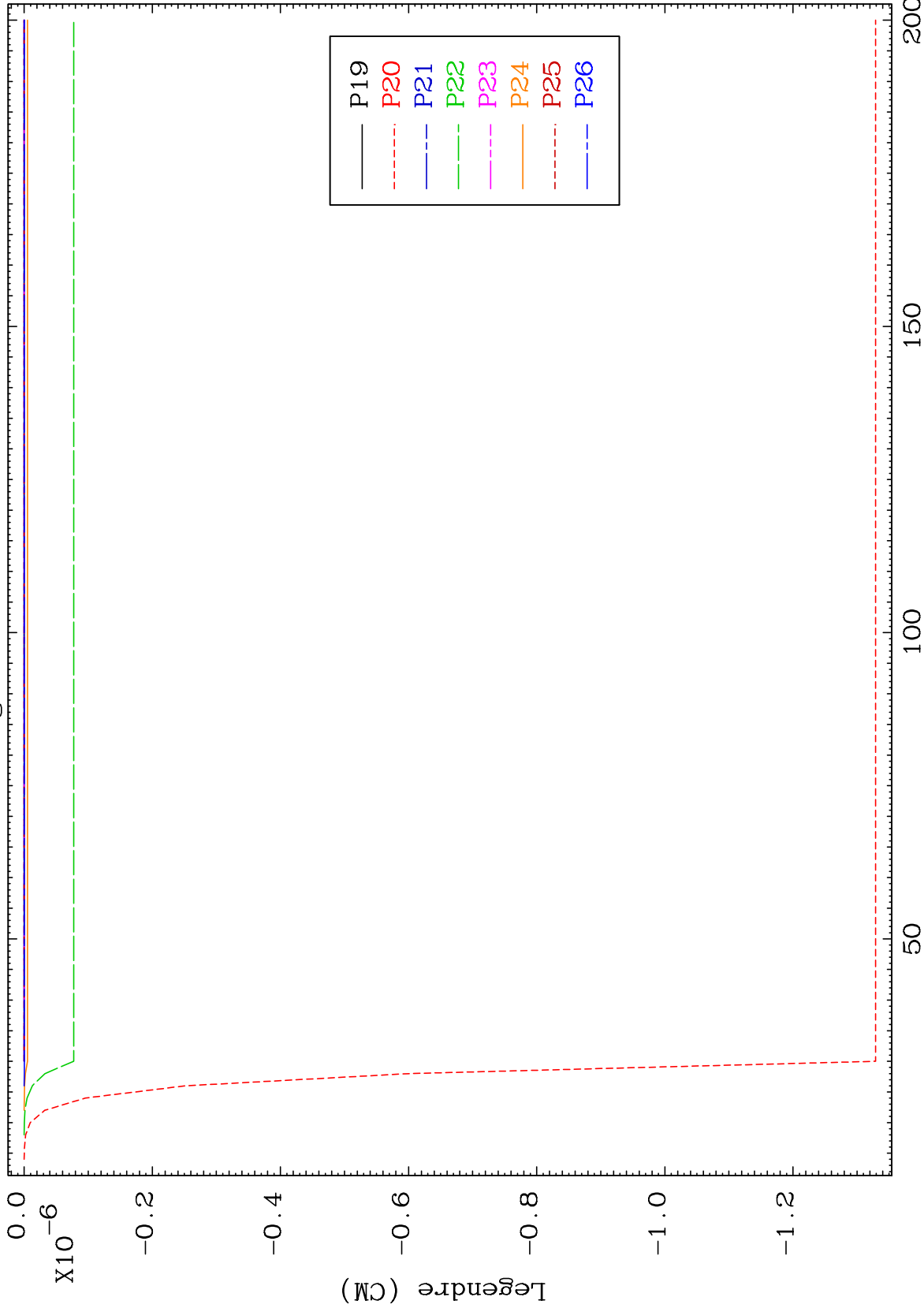
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



65

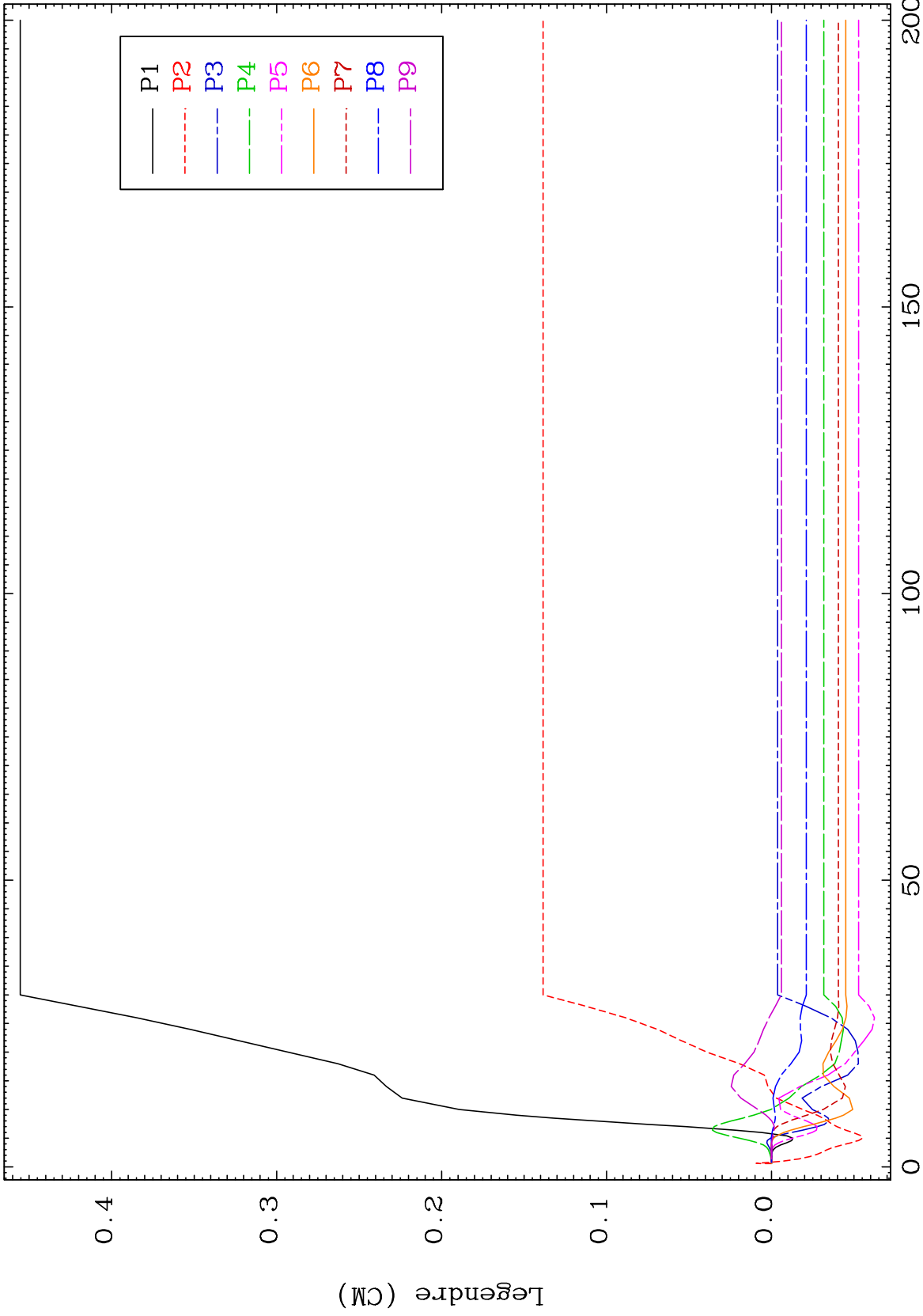
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



66

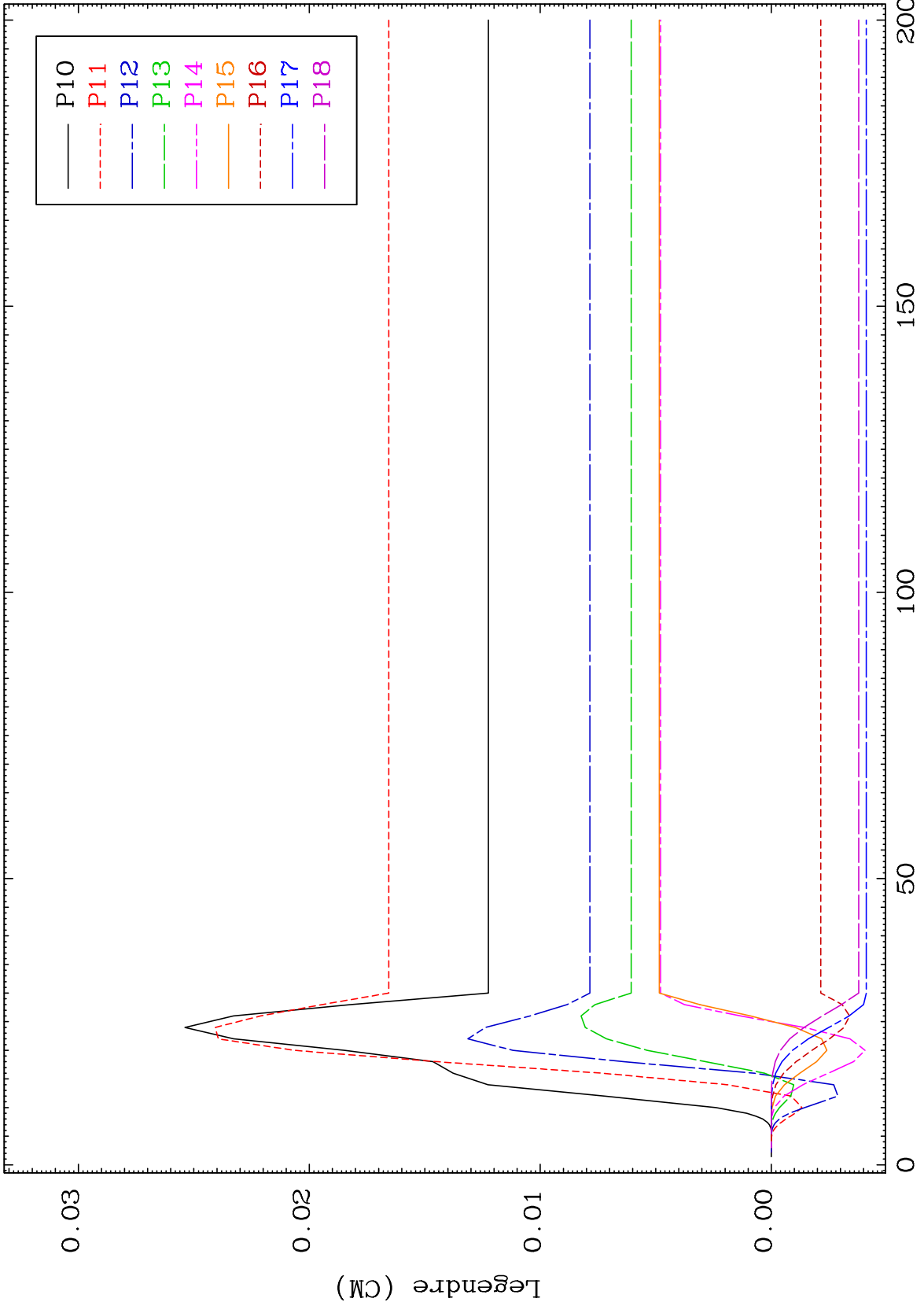
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



67

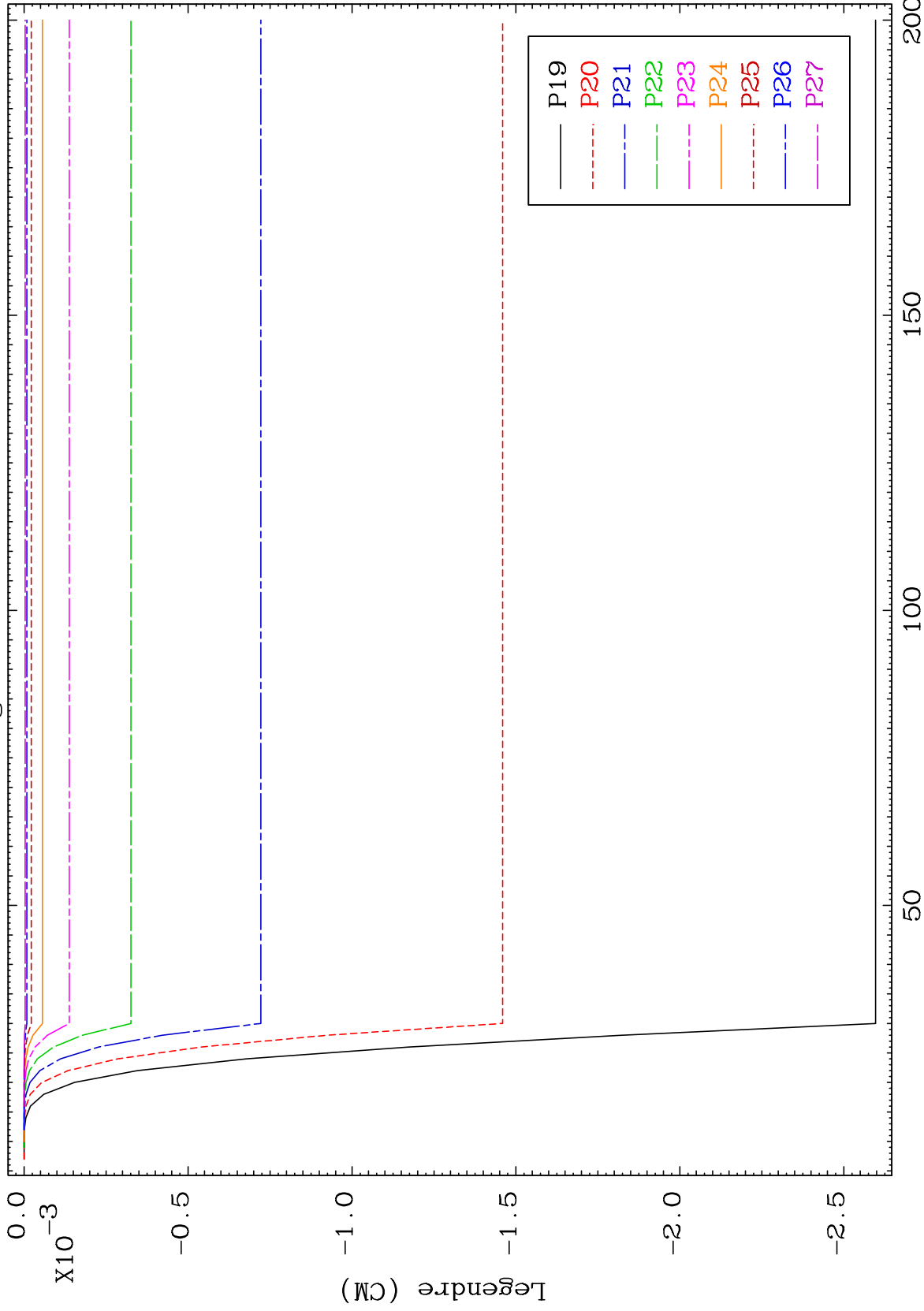
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



68

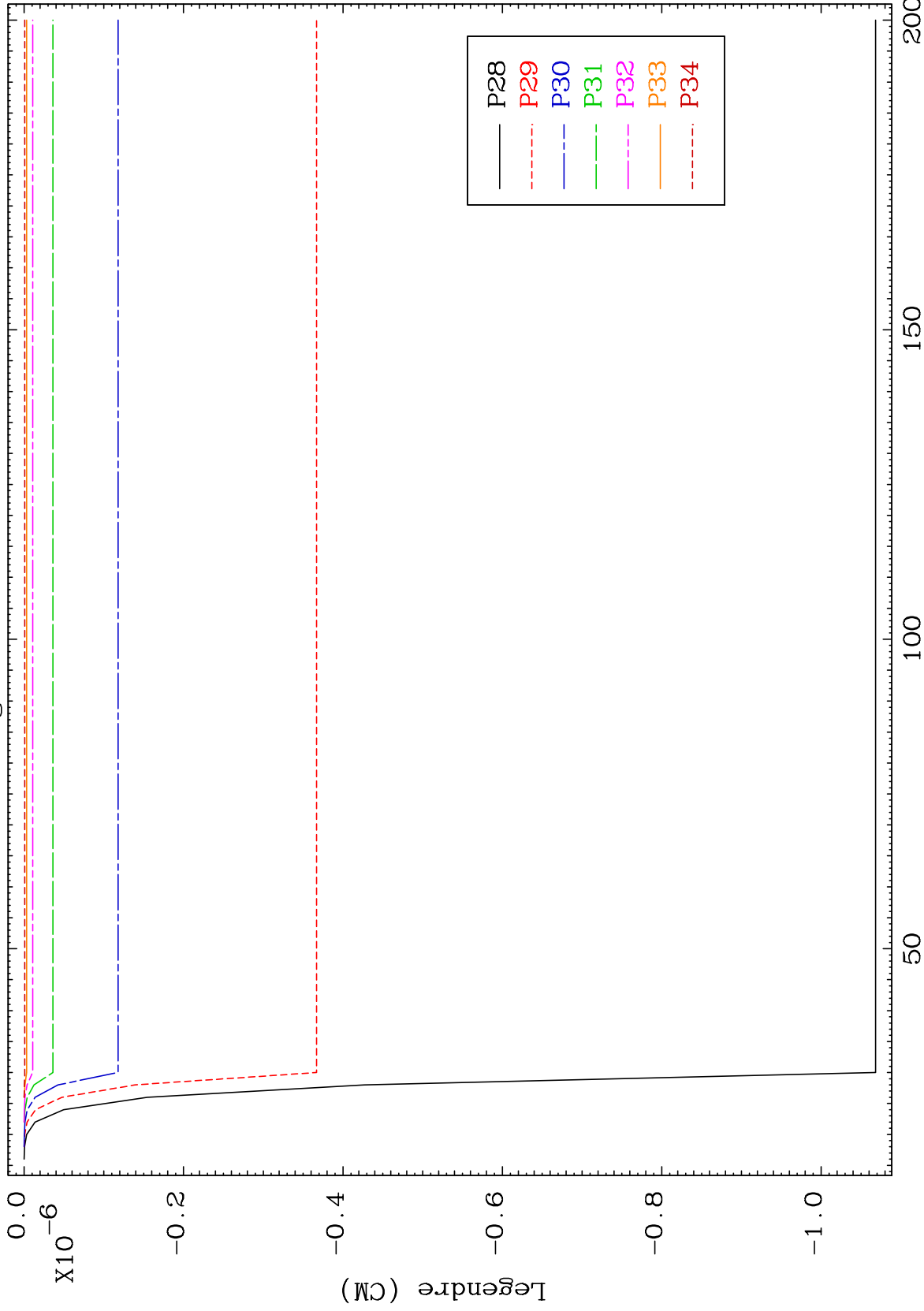
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



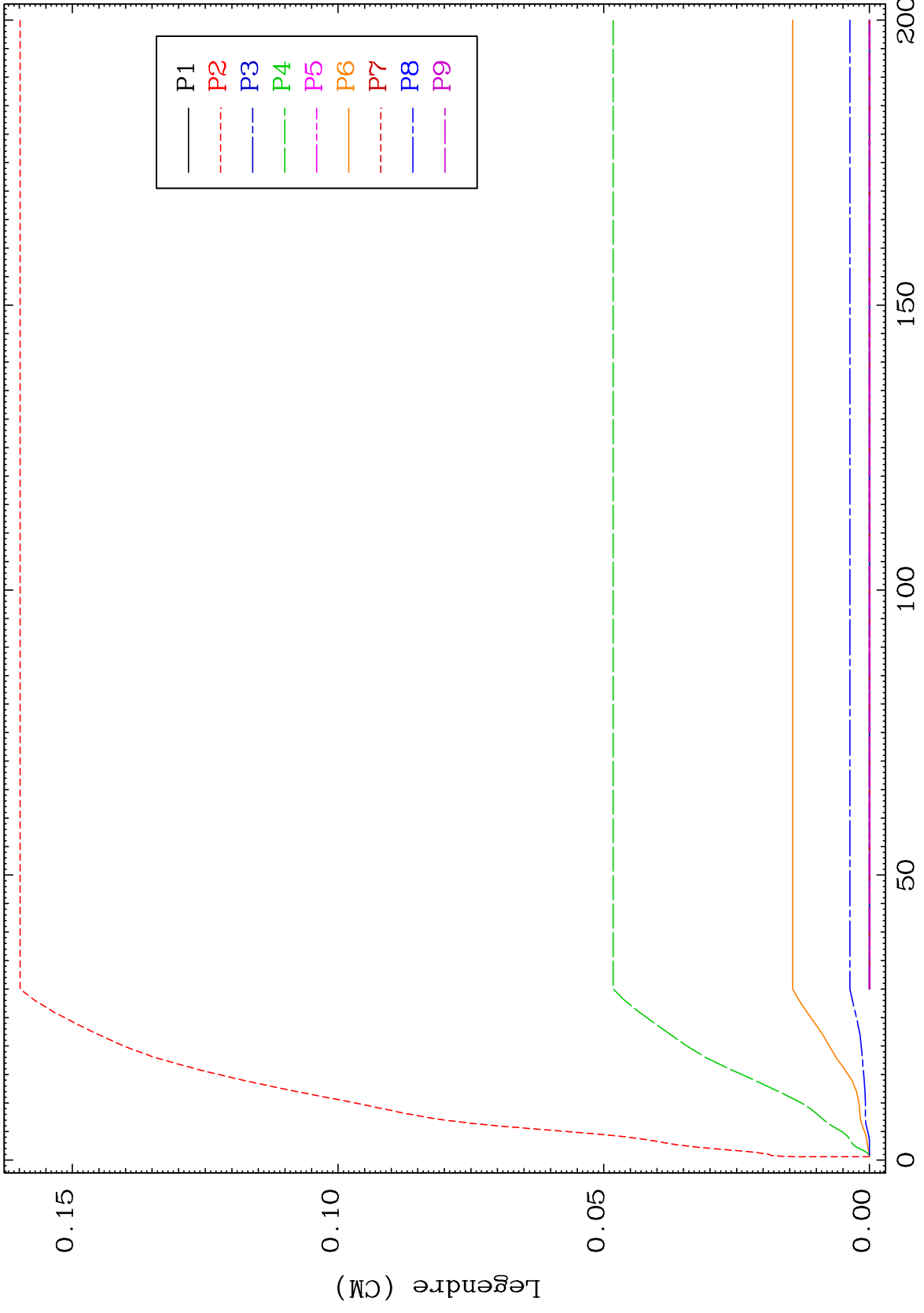
69

44-Ru-103

MAT 4446

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

44-Ru-103



70

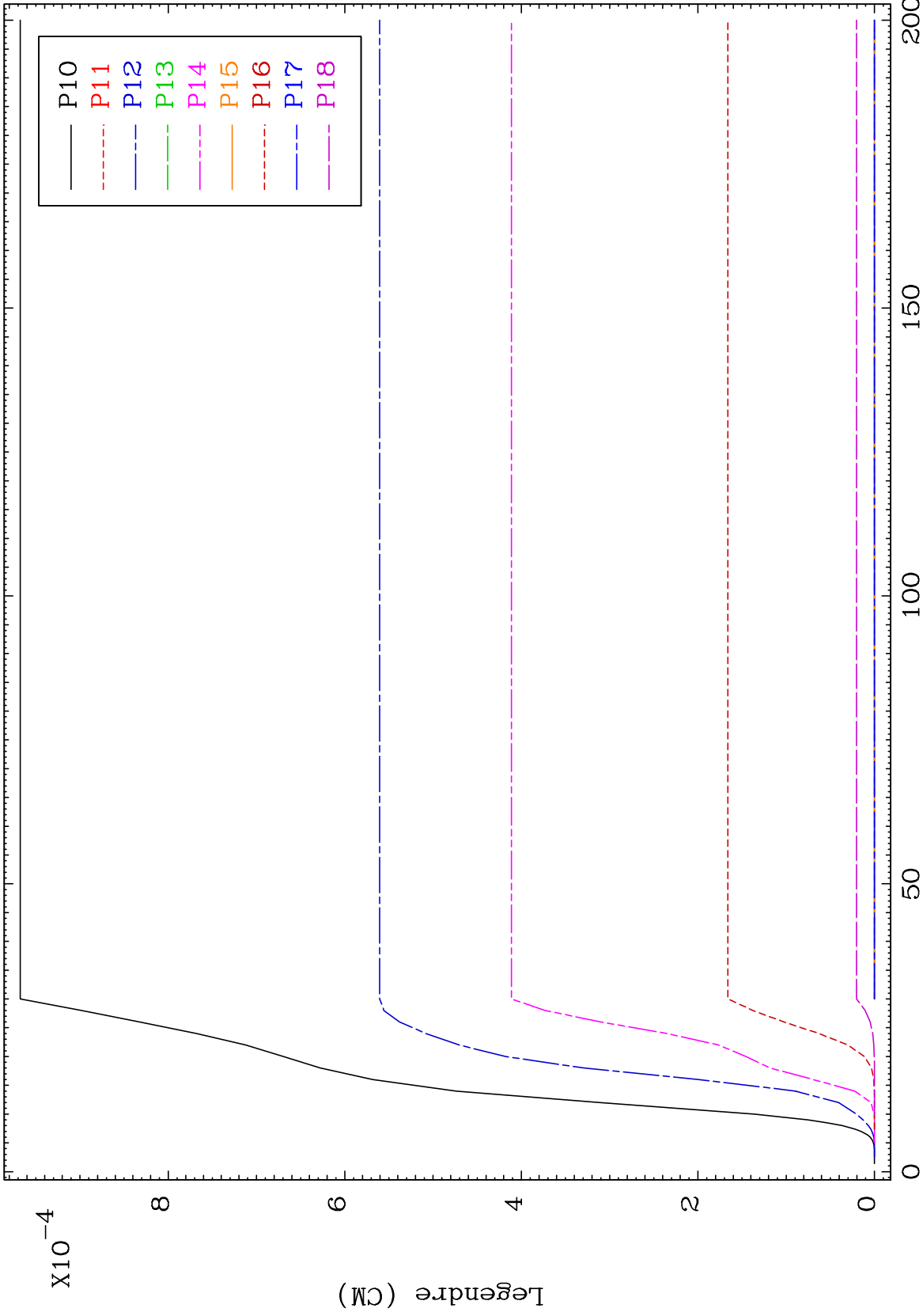
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



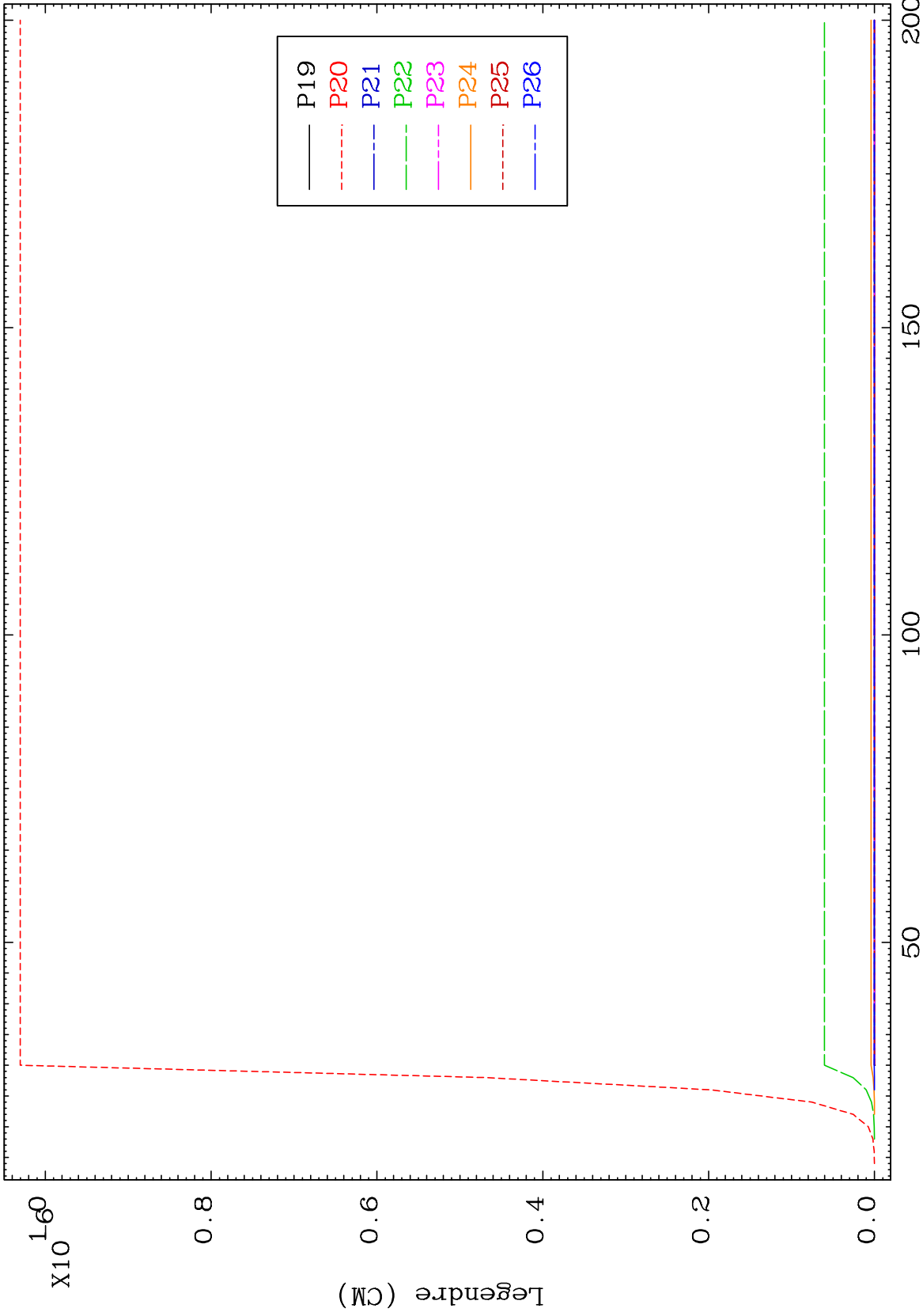
71

44-Ru-103

MAT 4446

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

44-Ru-103



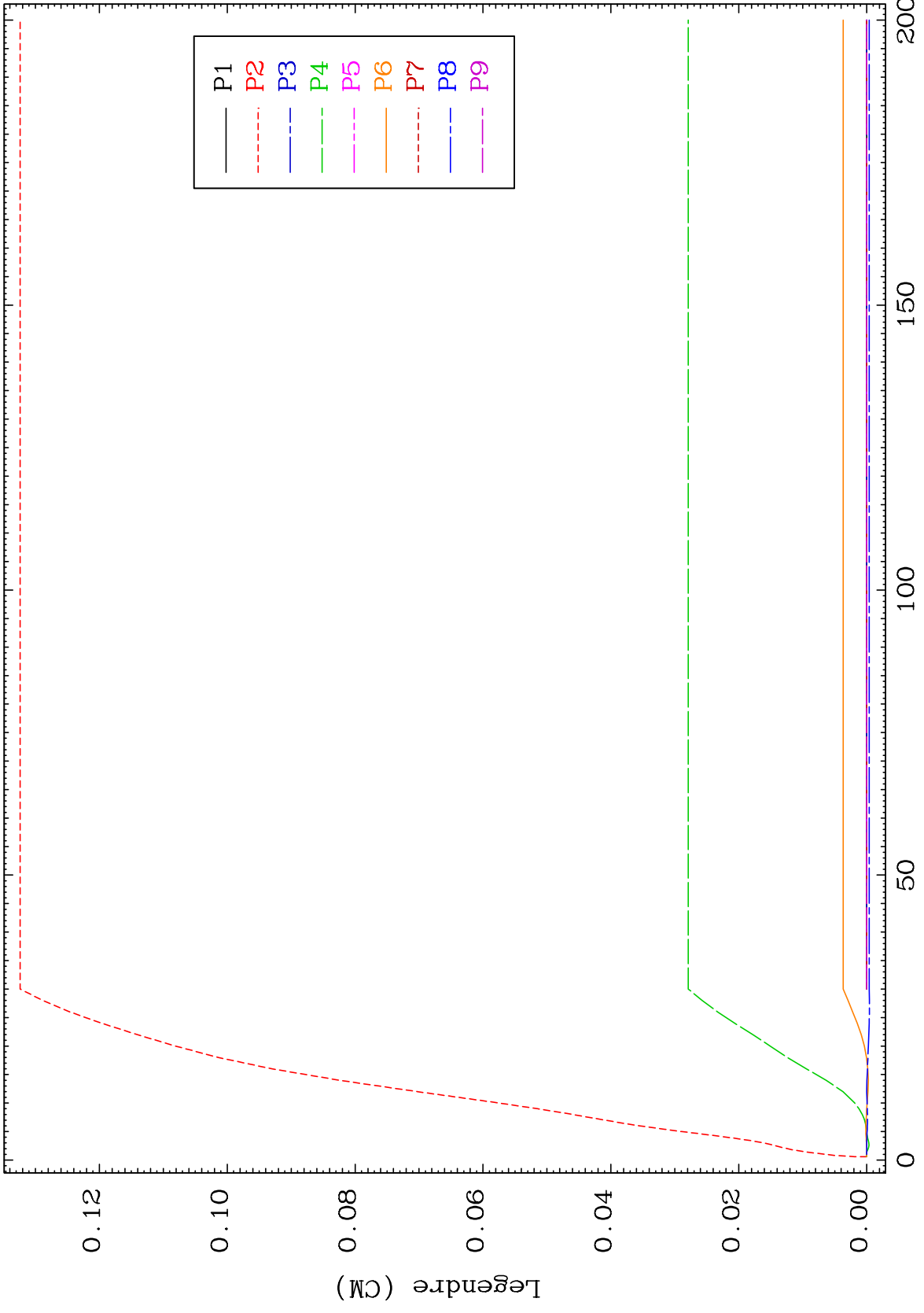
72

44-Ru-103

MAT 4446

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

44-Ru-103



73

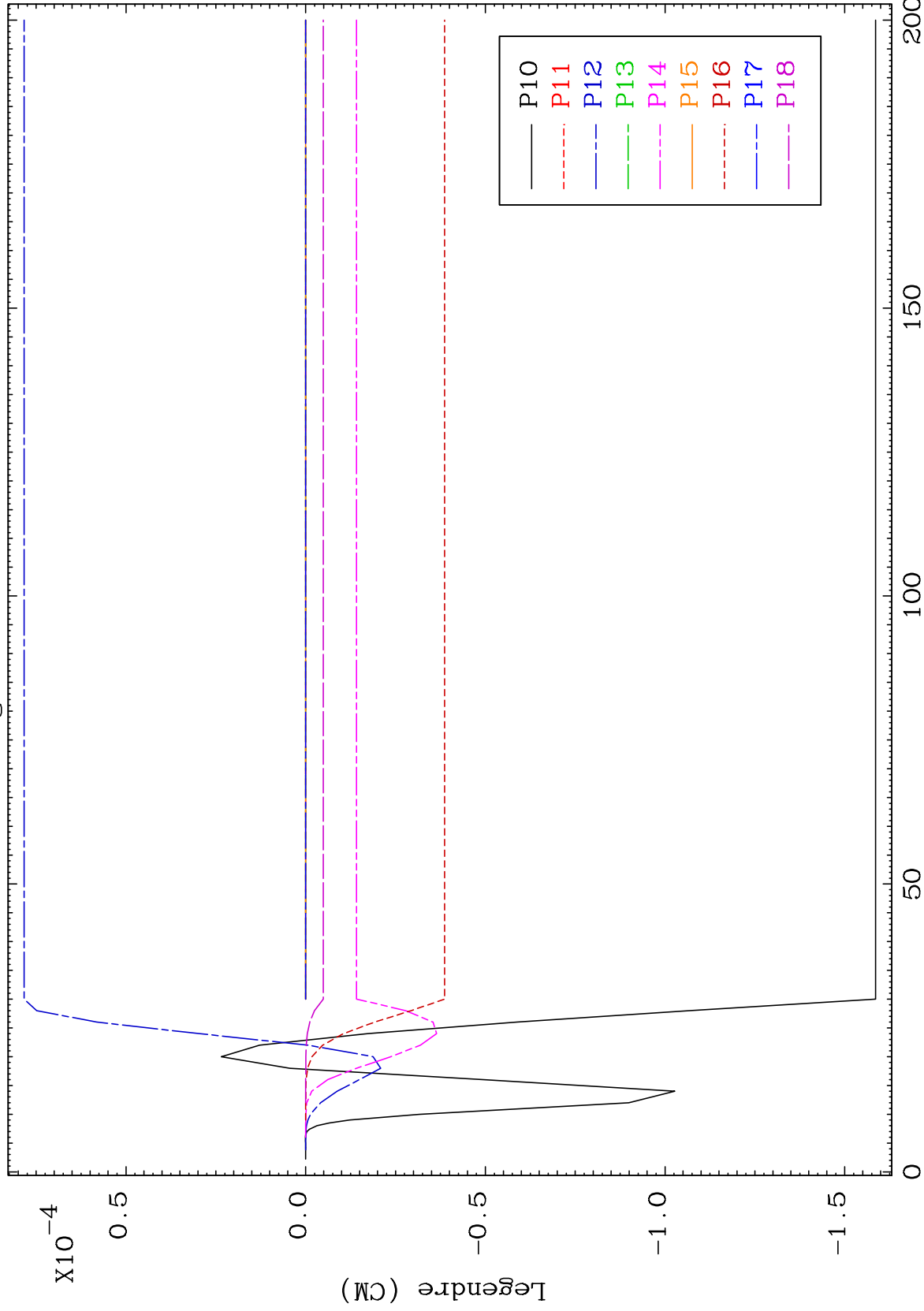
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

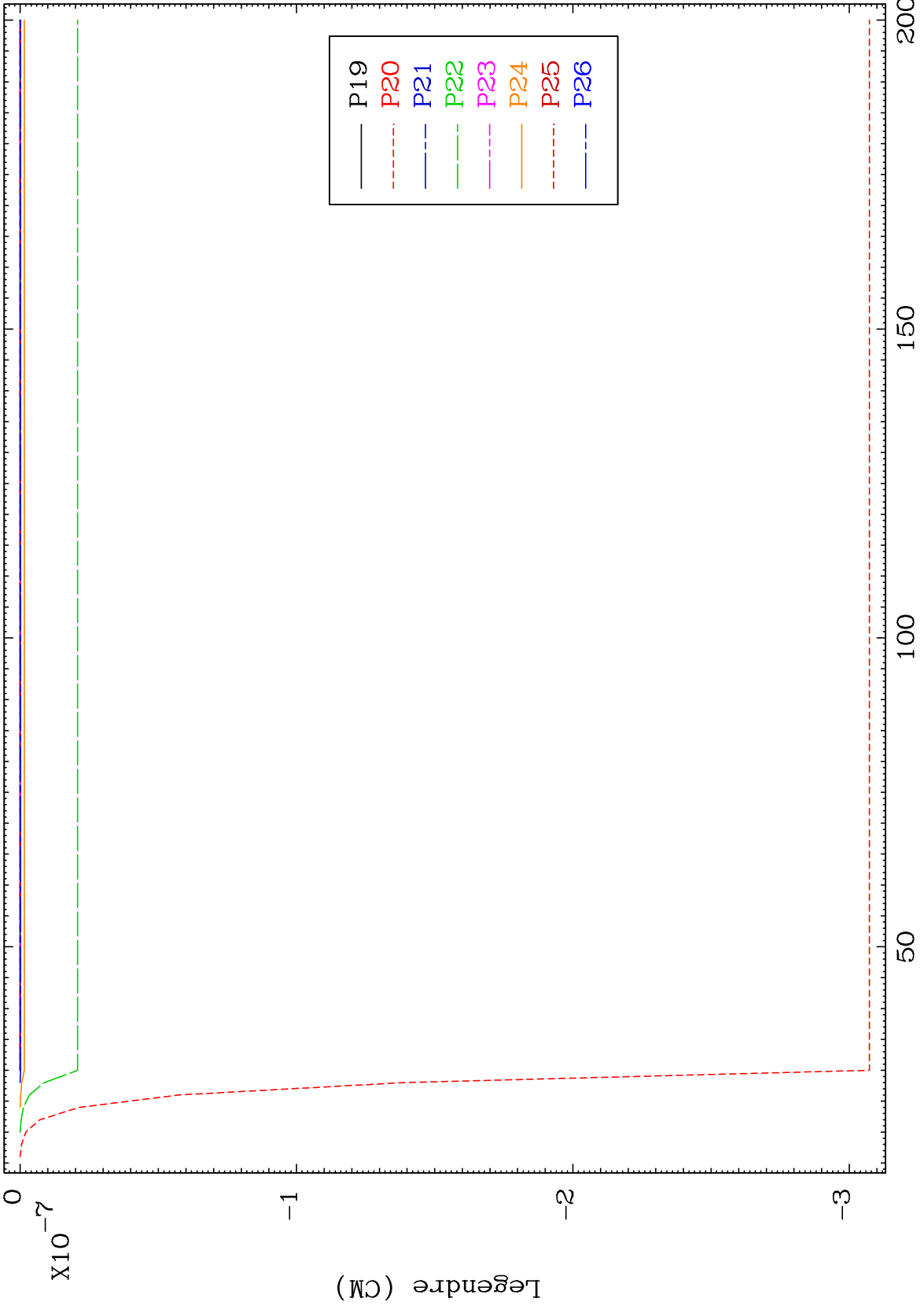
44-Ru-103



74

44-Ru-103

MAT 4446 MT= 68 (n,n') Level Legendre Coefficients 44-Ru-103

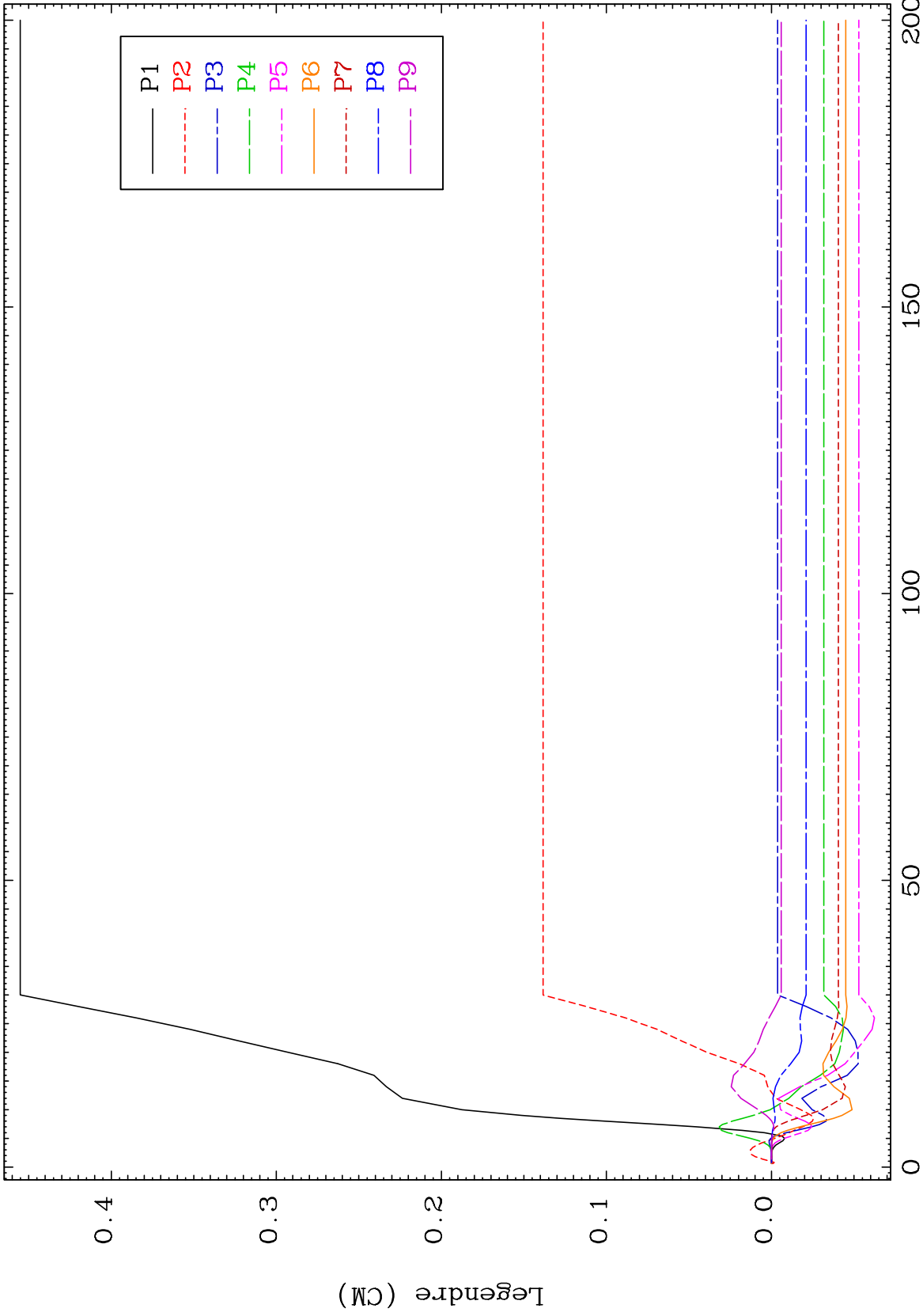


75 Incident Energy (MeV) 44-Ru-103

MAT 4446

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

44-Ru-103



76

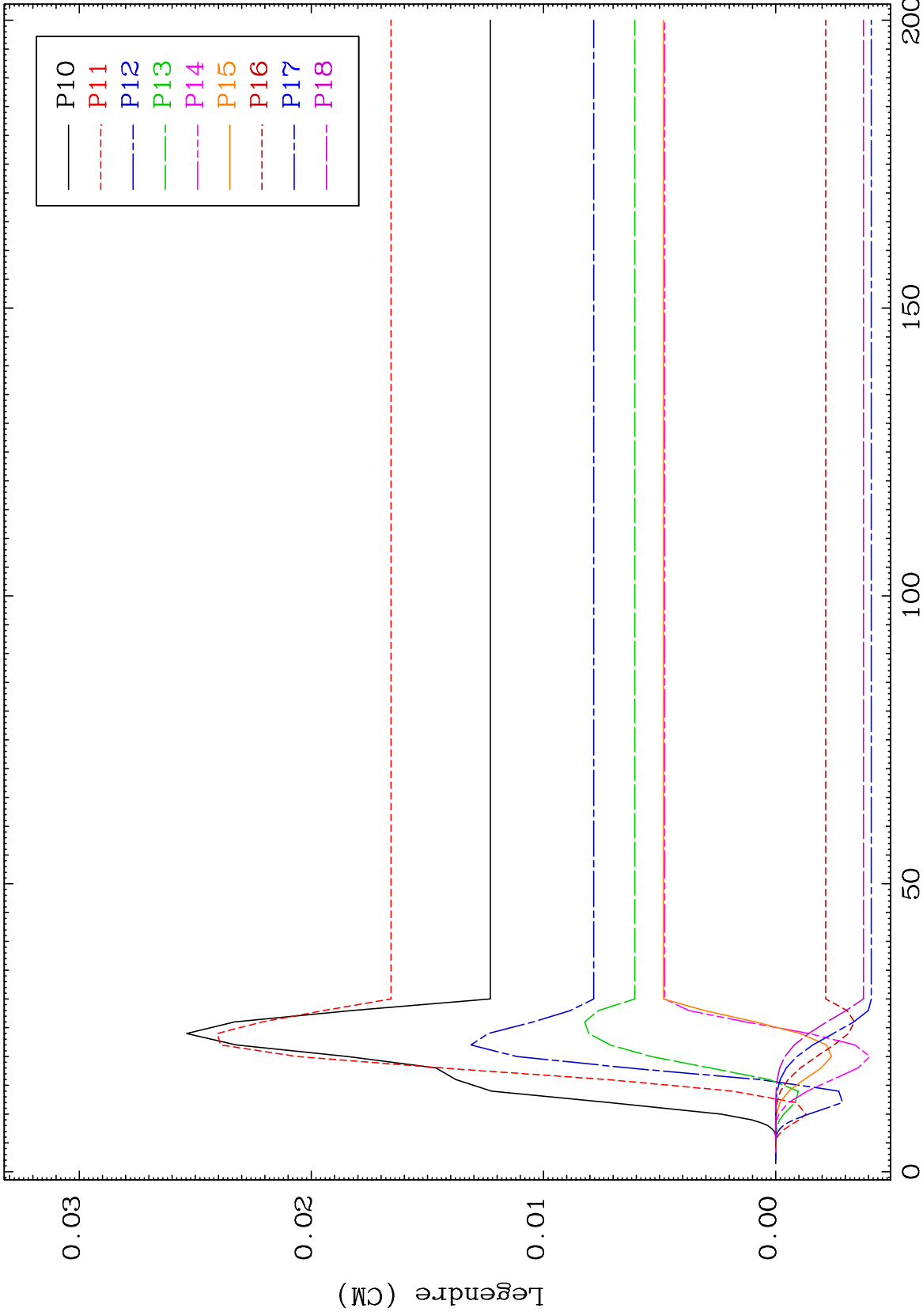
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



77

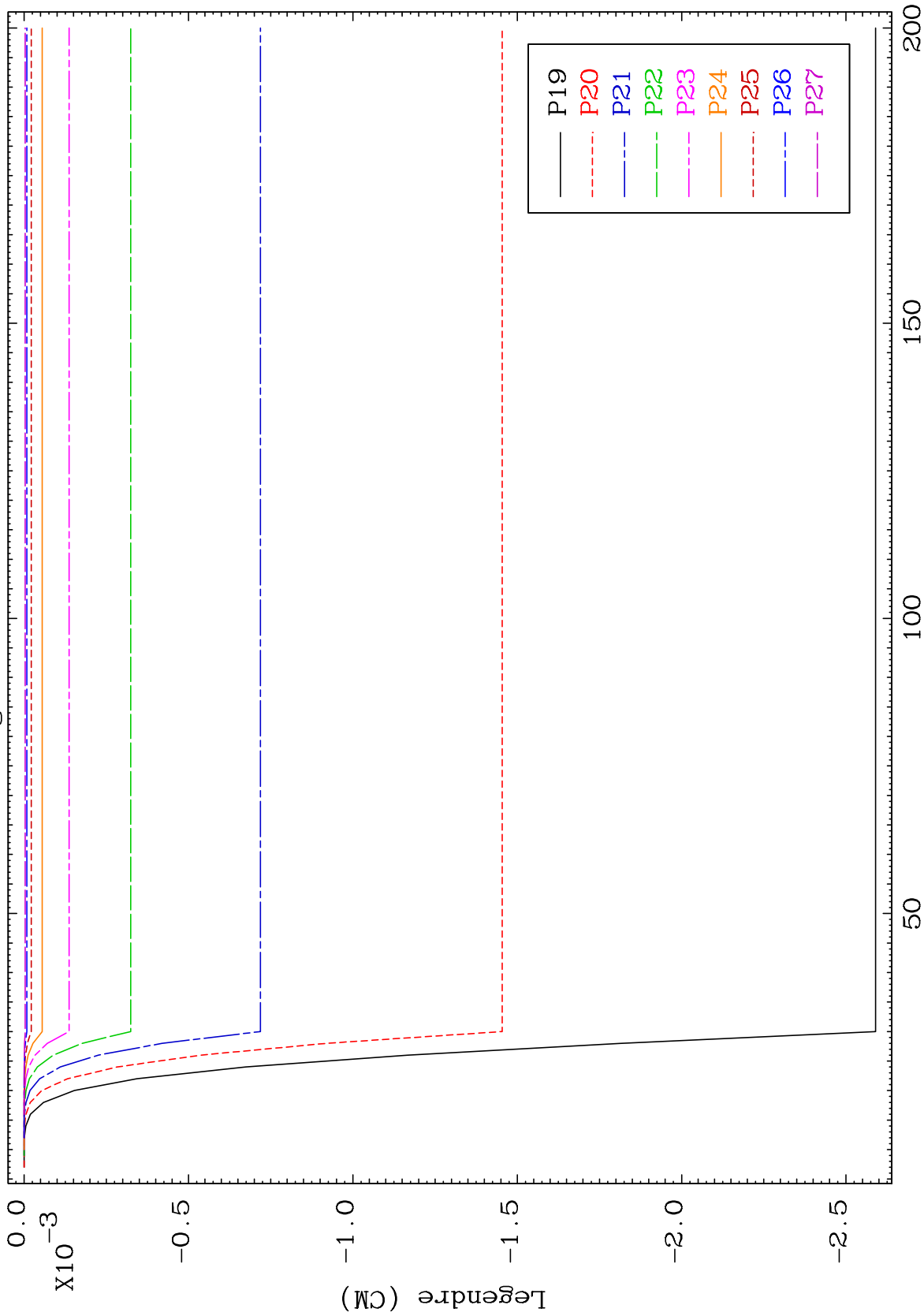
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



78

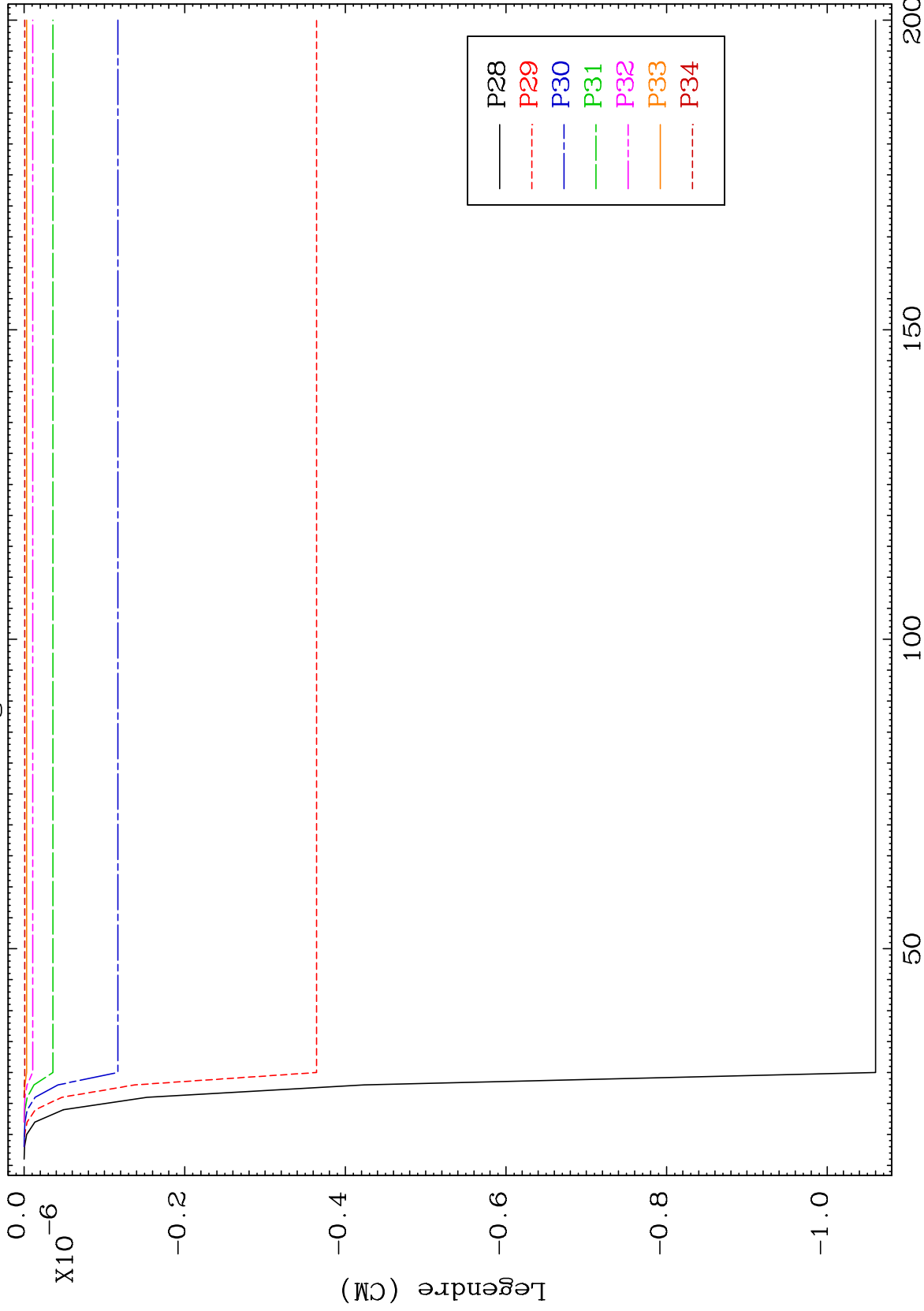
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

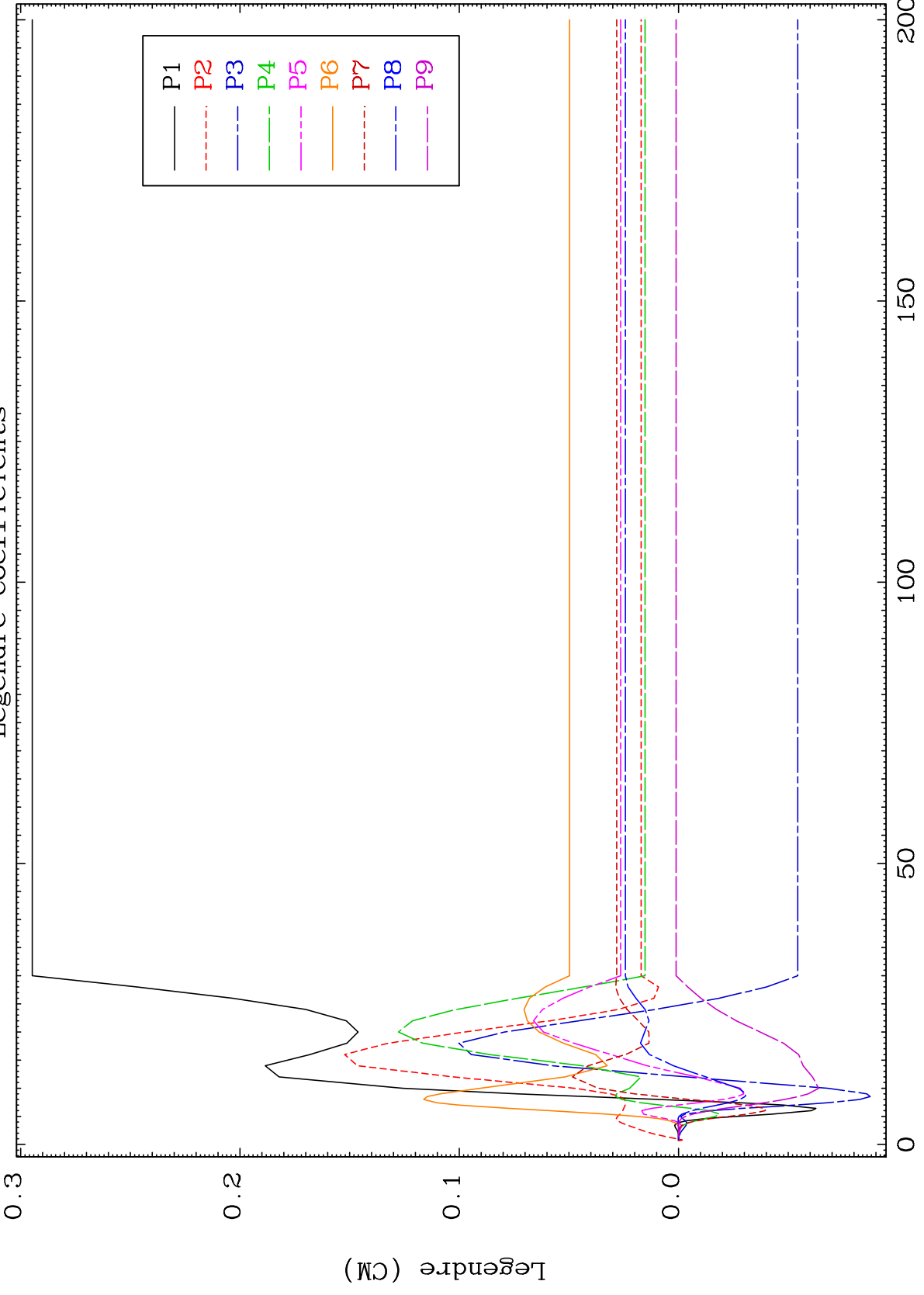
44-Ru-103



79

44-Ru-103

MAT 4446 MT= 70 (n,n') Level Legendre Coefficients 44-Ru-103

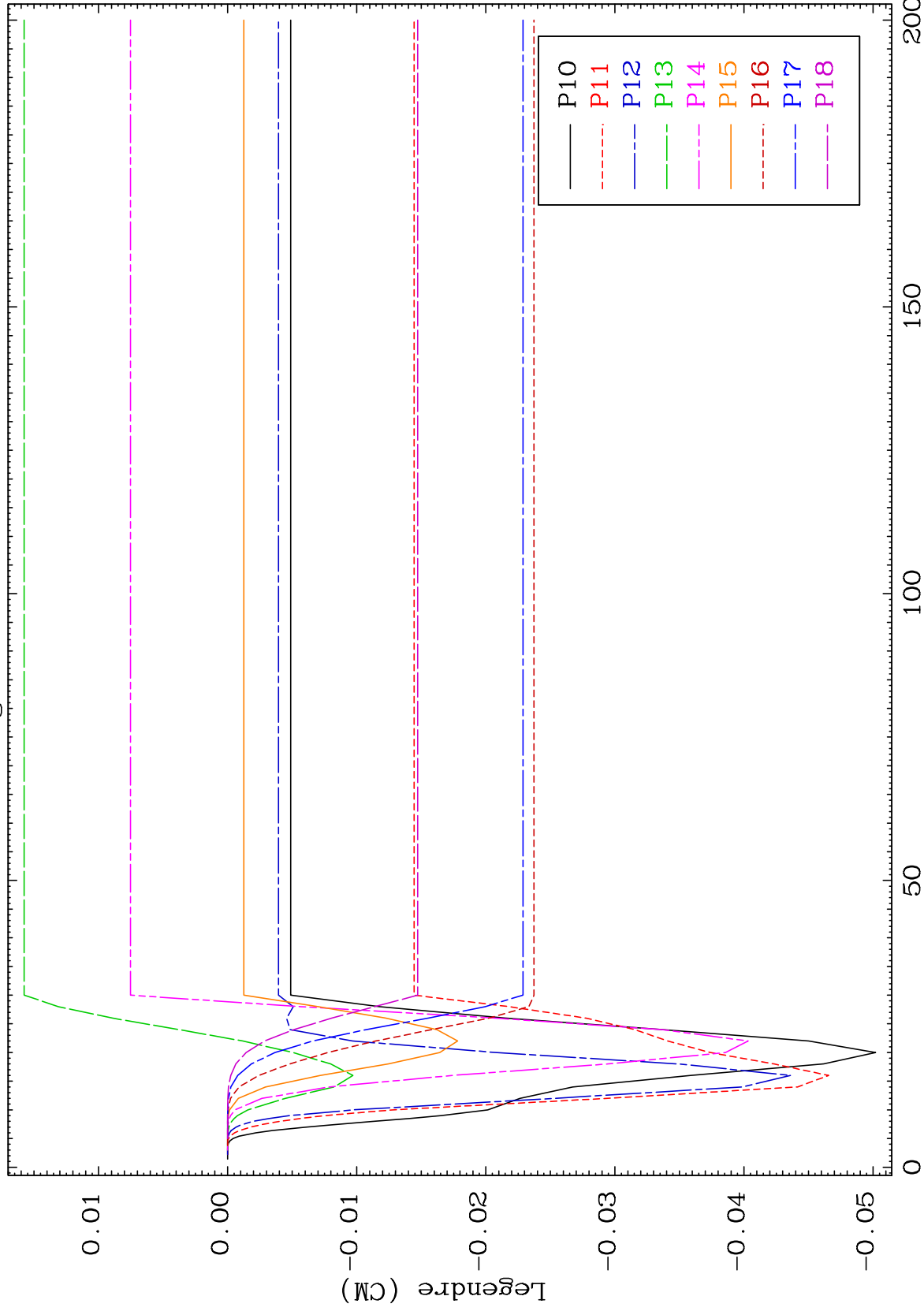


44-Ru-103

MAT 4446

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

44-Ru-103

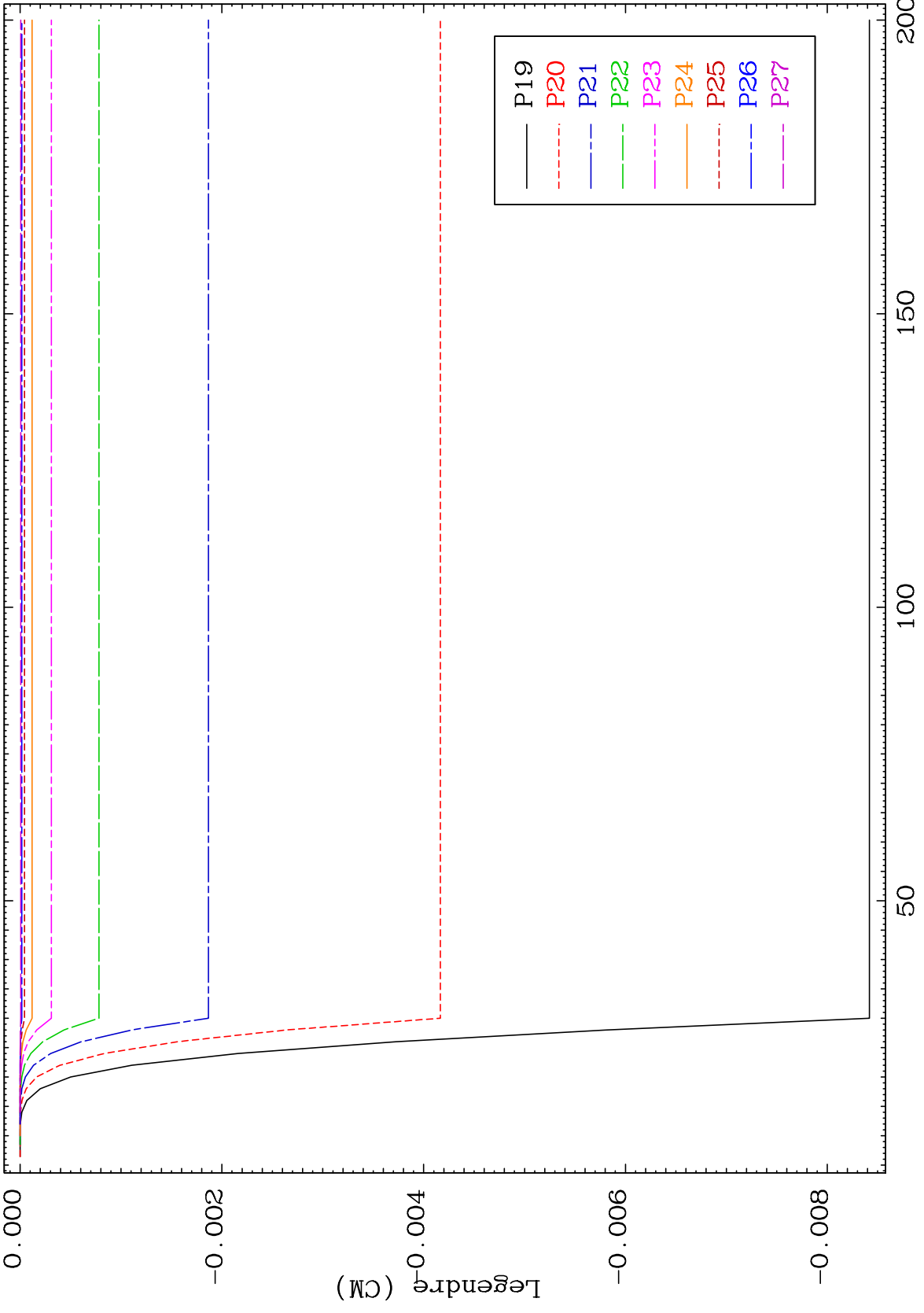


81

Incident Energy (MeV)

44-Ru-103

MAT 4446 MT= 70 (n,n') Level Legendre Coefficients 44-Ru-103

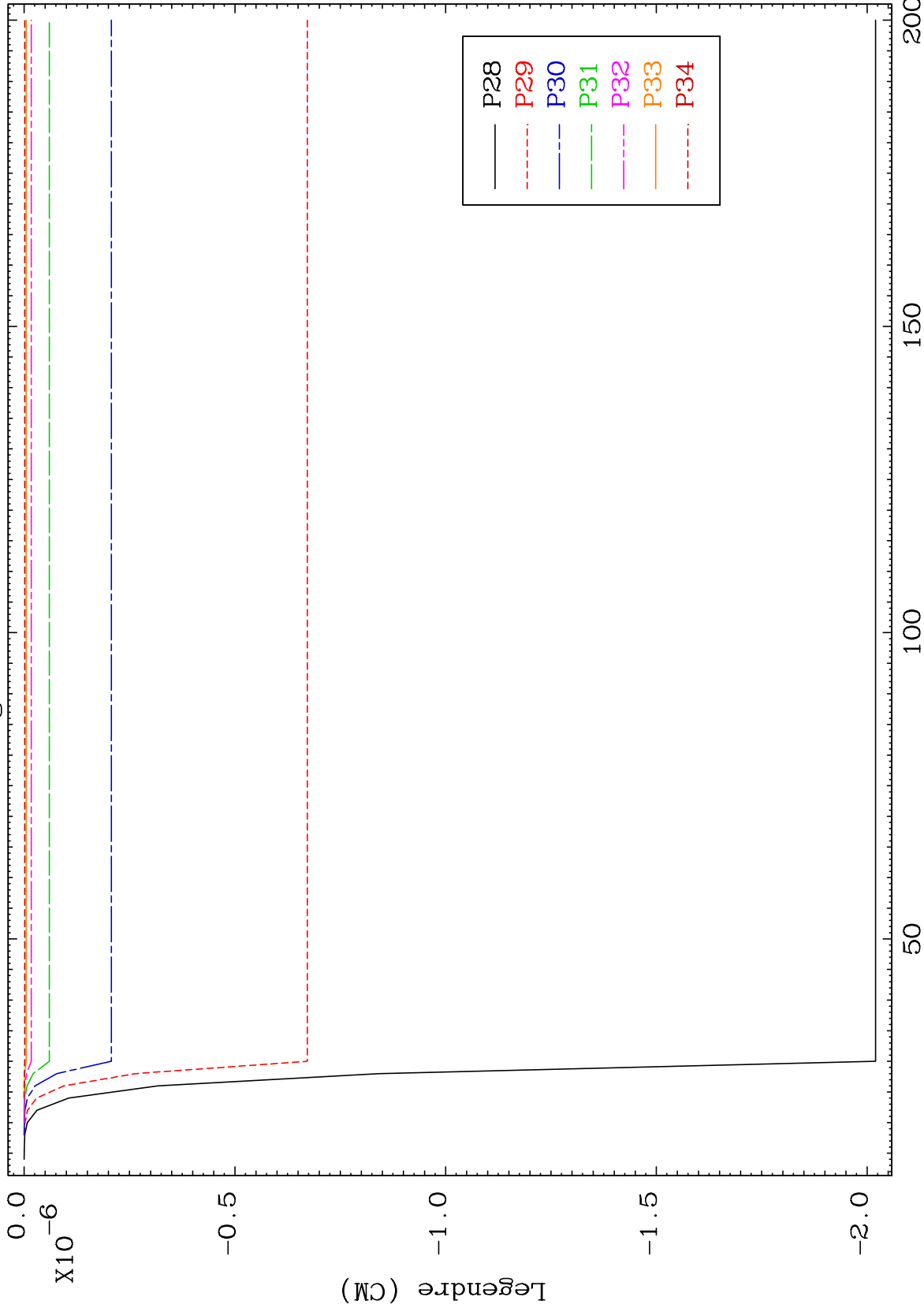


82 44-Ru-103

MAT 4446

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

44-Ru-103



83

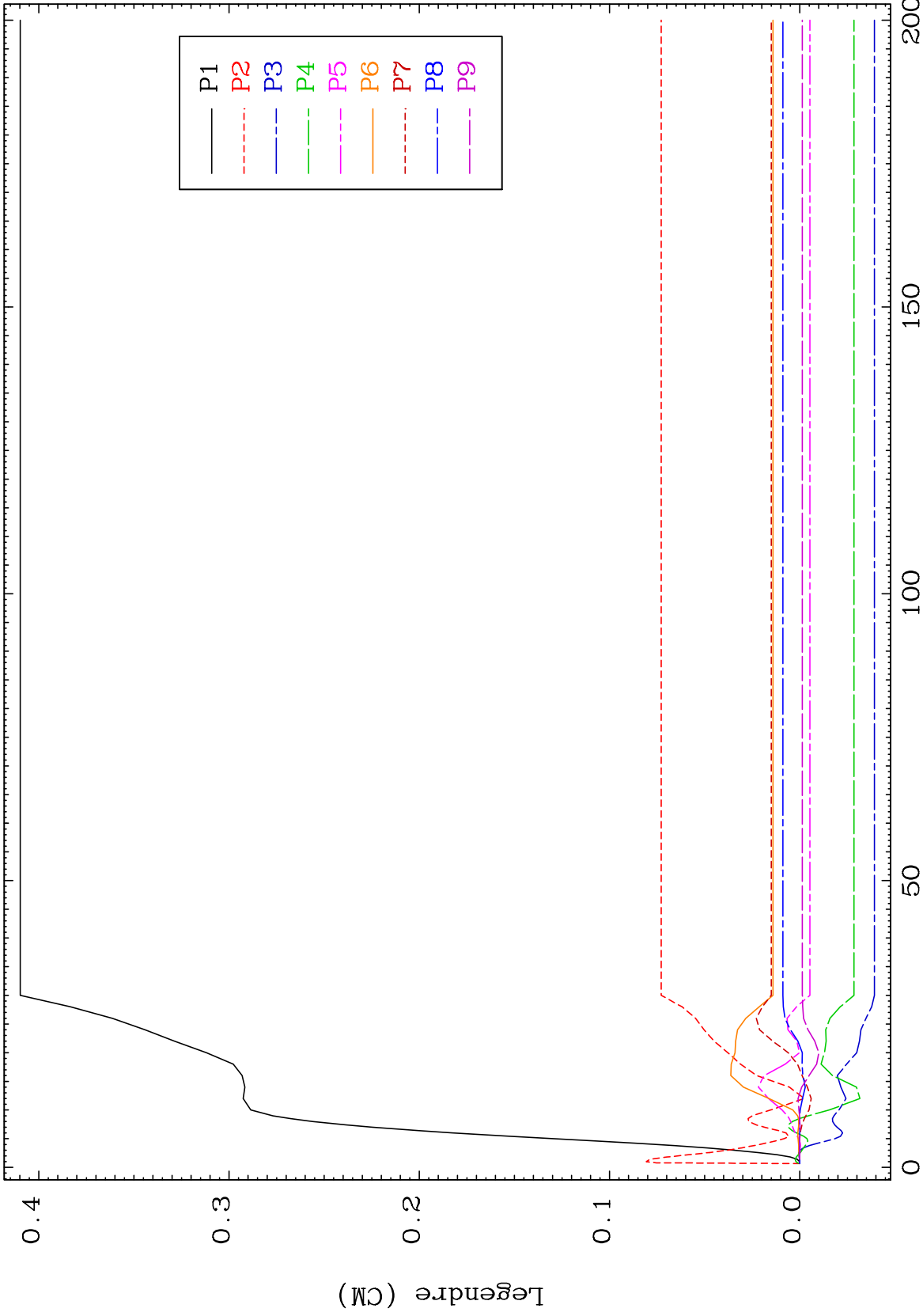
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



84

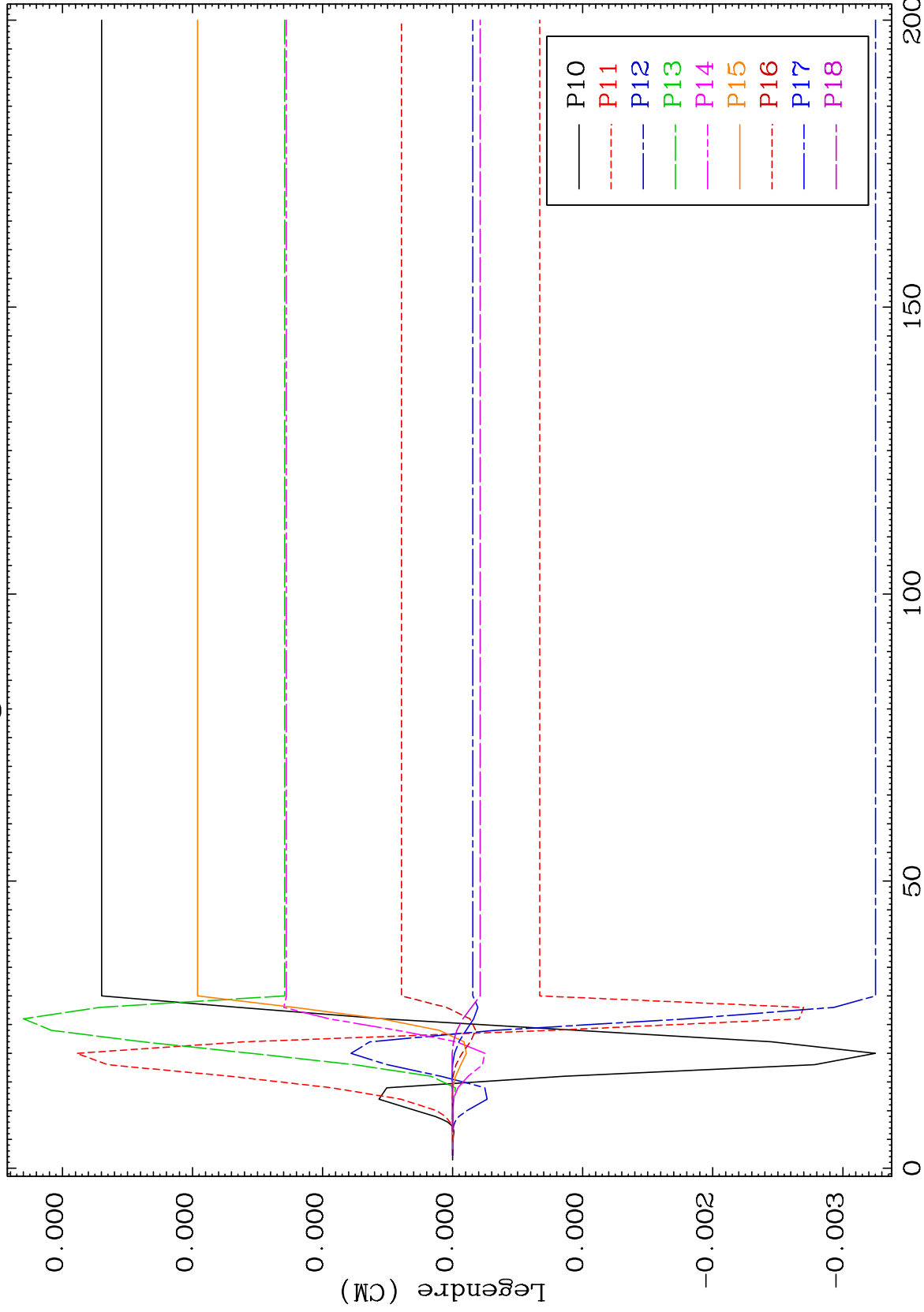
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



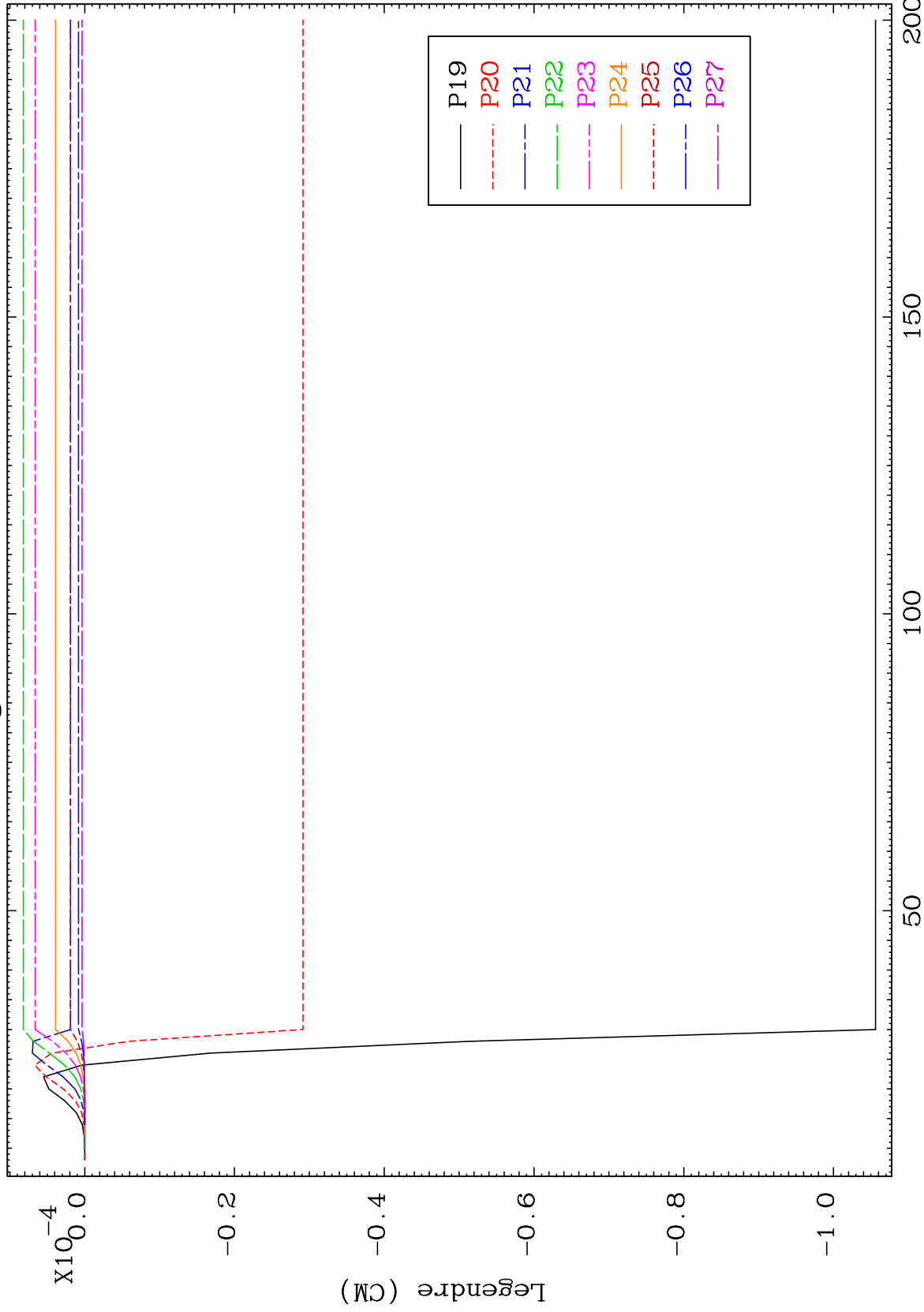
85

44-Ru-103

MAT 4446

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

44-Ru-103



86

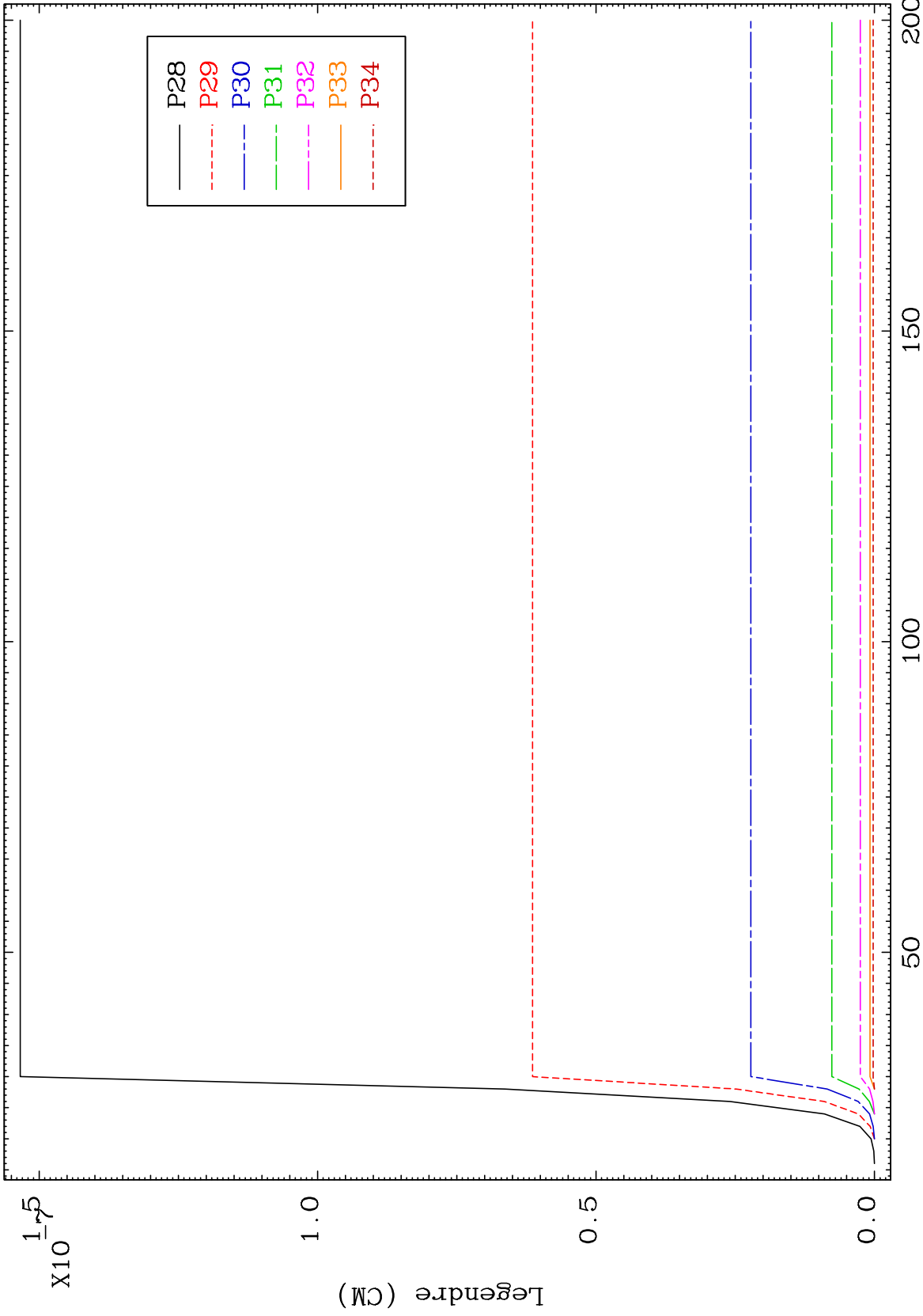
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



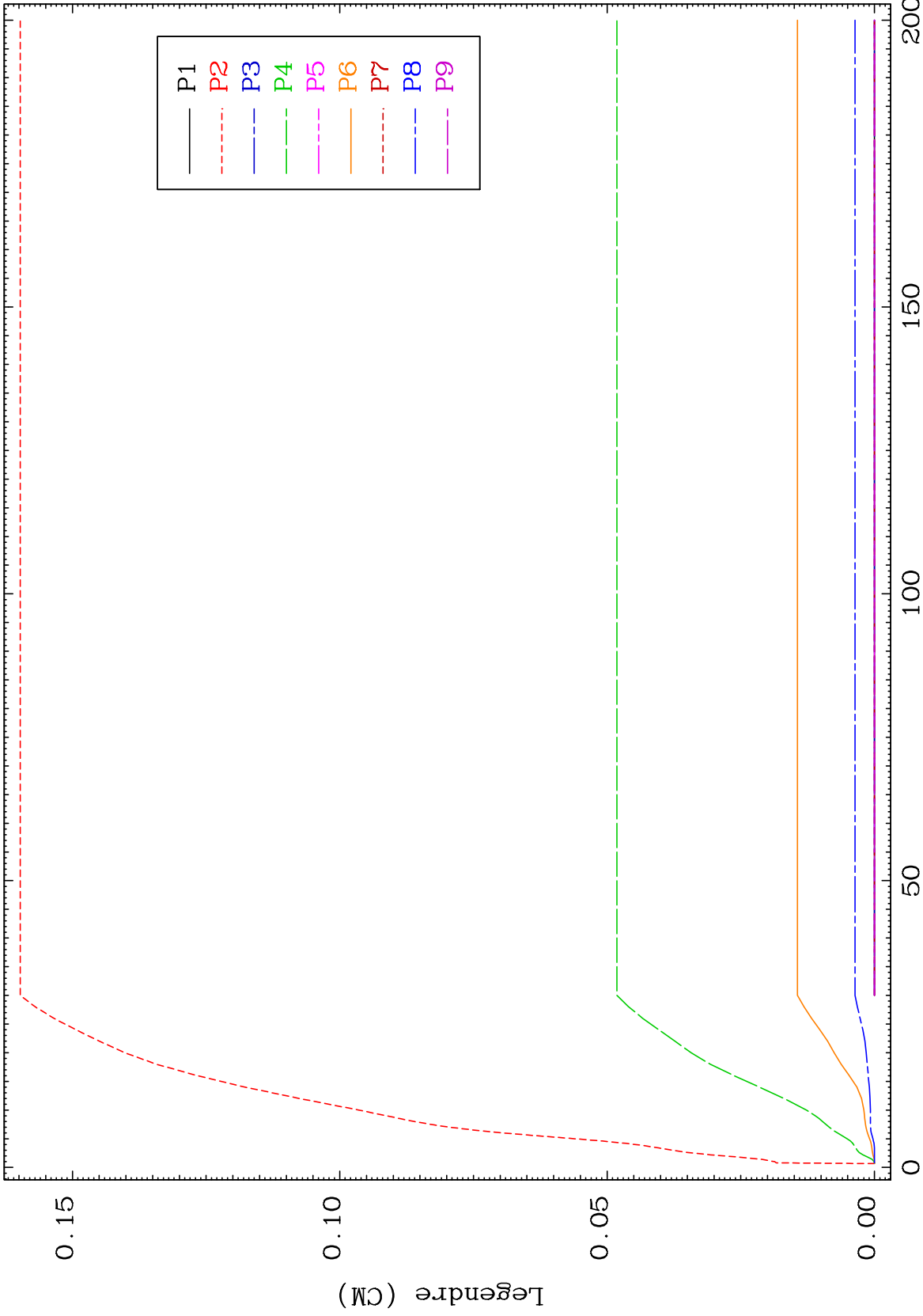
87

44-Ru-103

MAT 4446

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

44-Ru-103



88

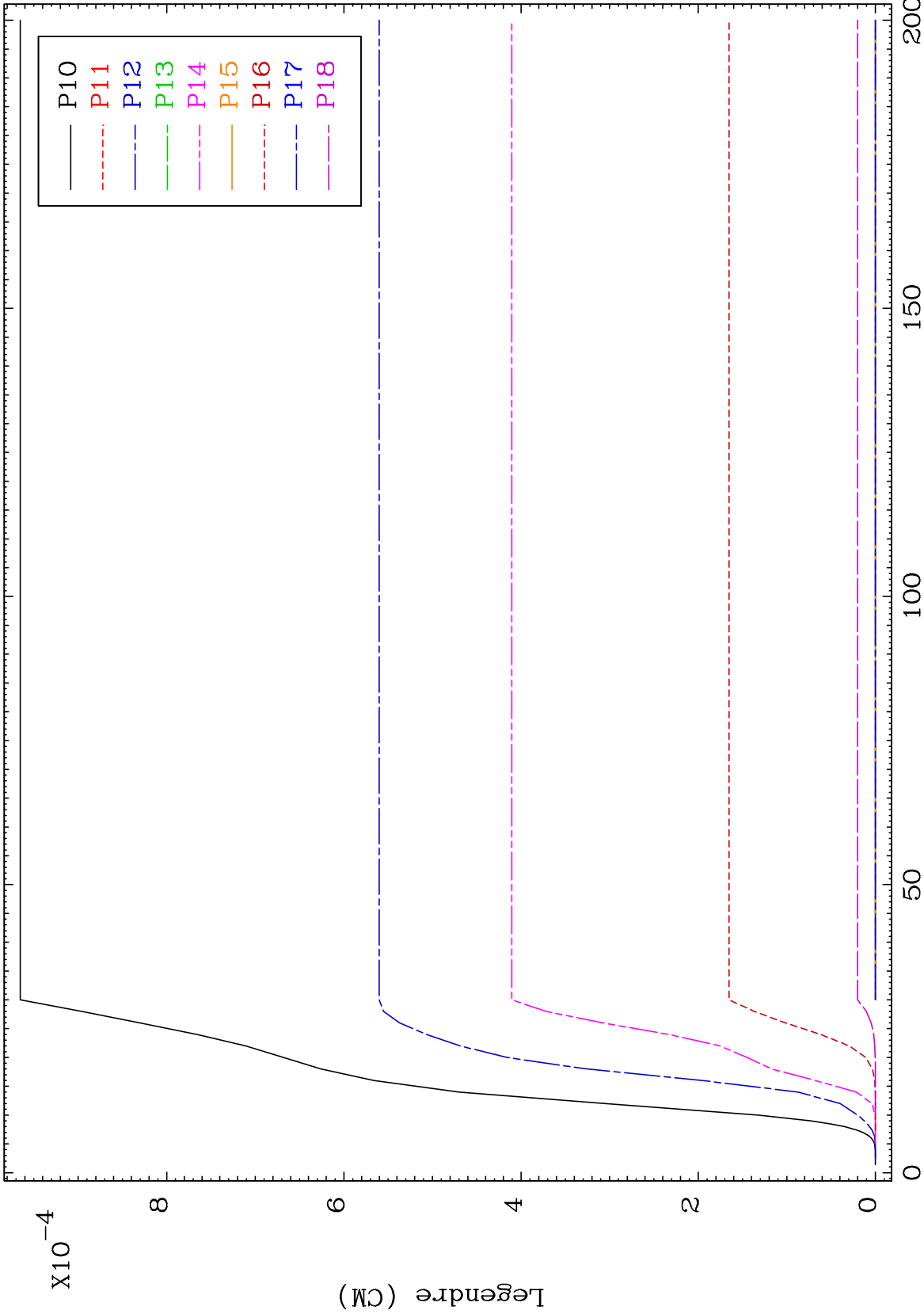
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



89

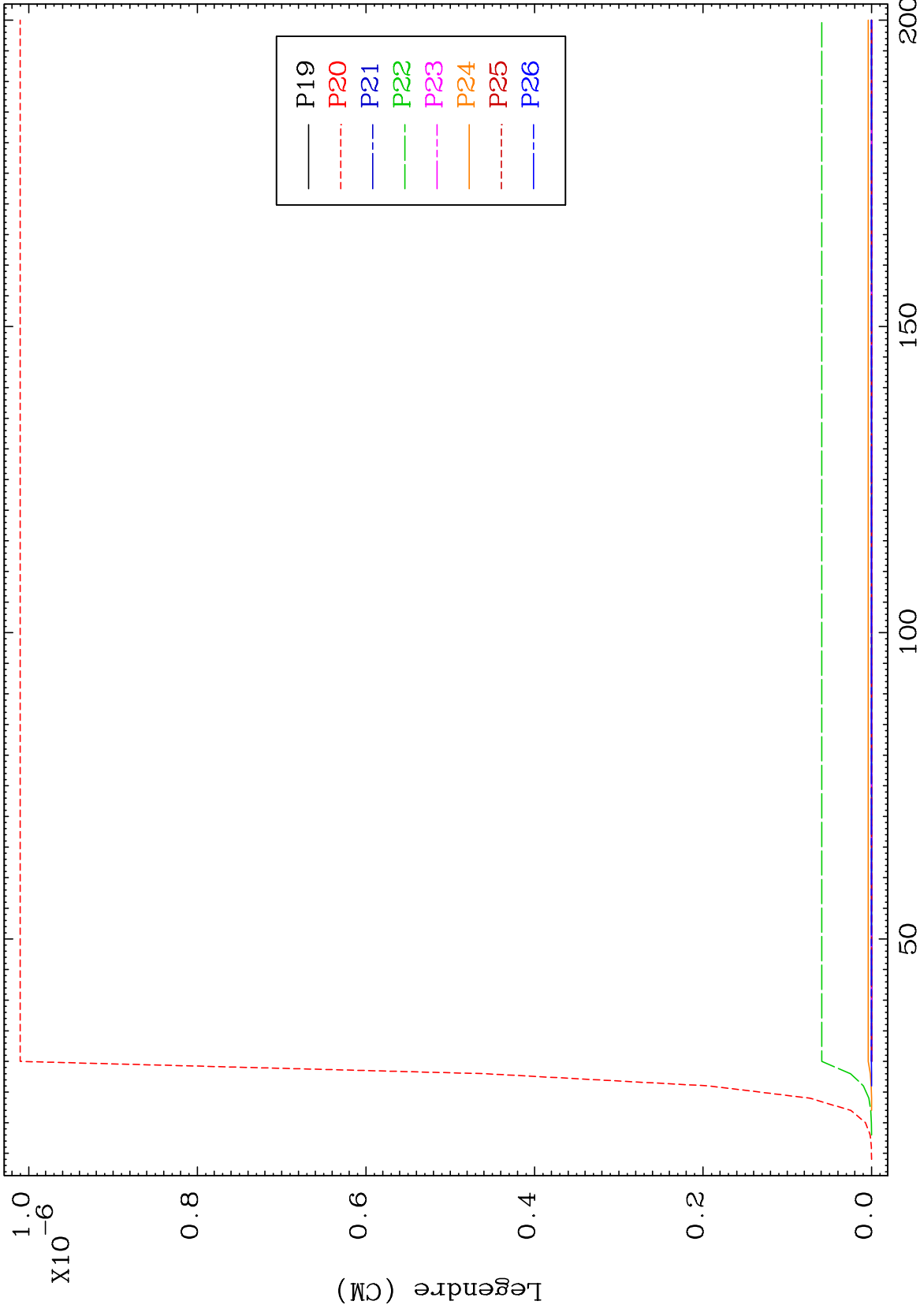
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103

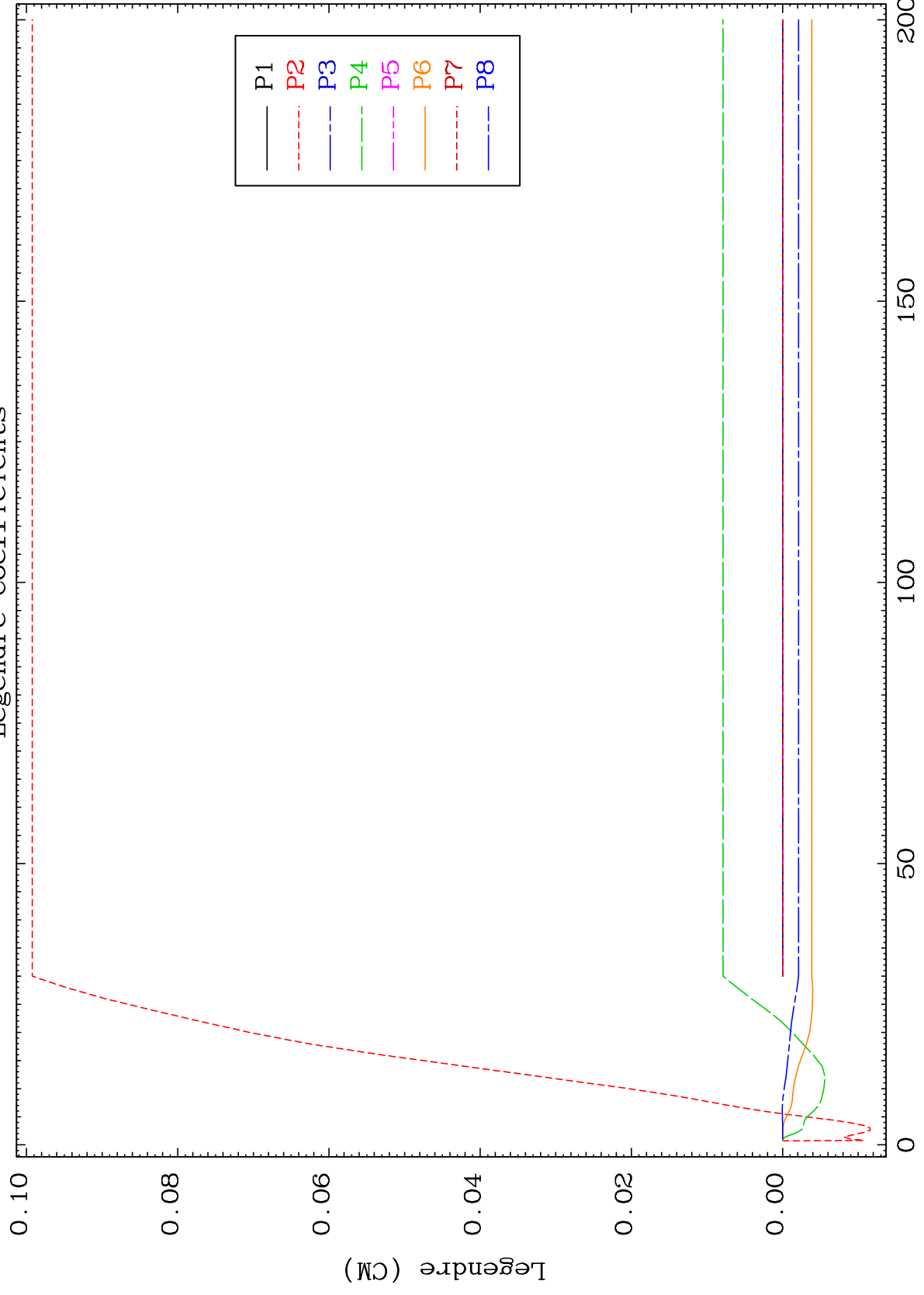


90

Incident Energy (MeV)

44-Ru-103

MAT 4446 MT= 73 (n,n') Level Legendre Coefficients 44-Ru-103

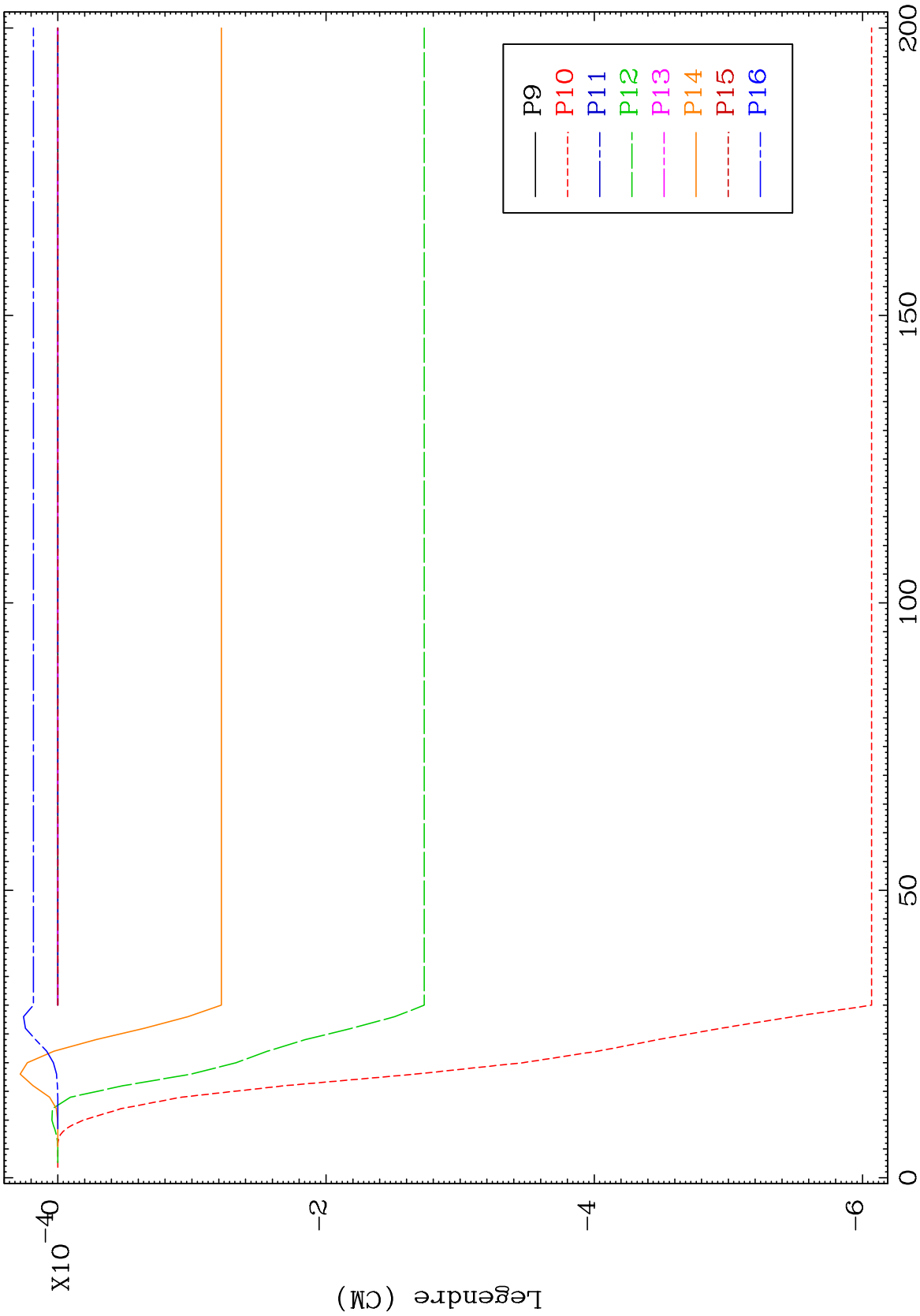


91 44-Ru-103

MAT 4446

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

44-Ru-103



92

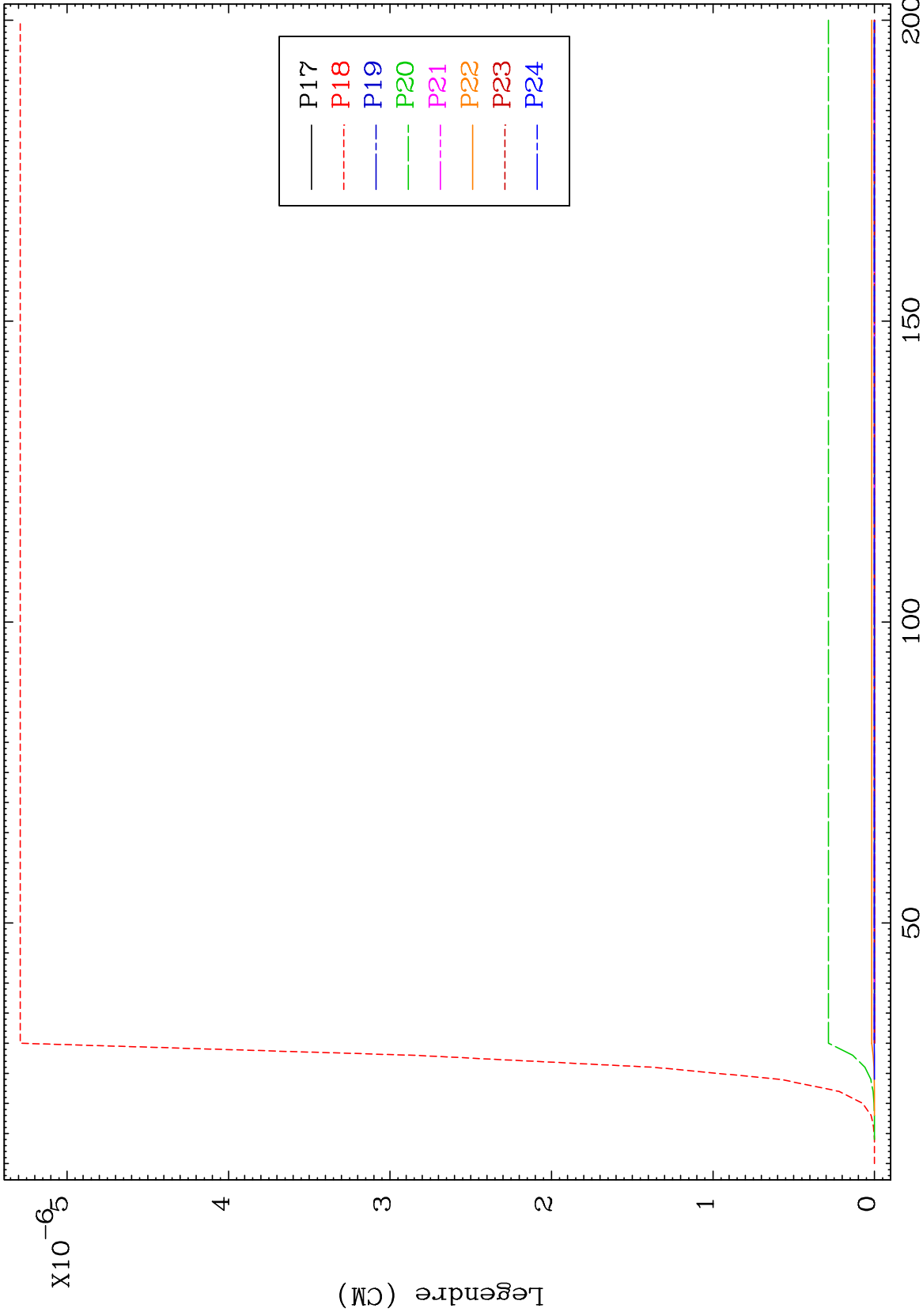
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



93

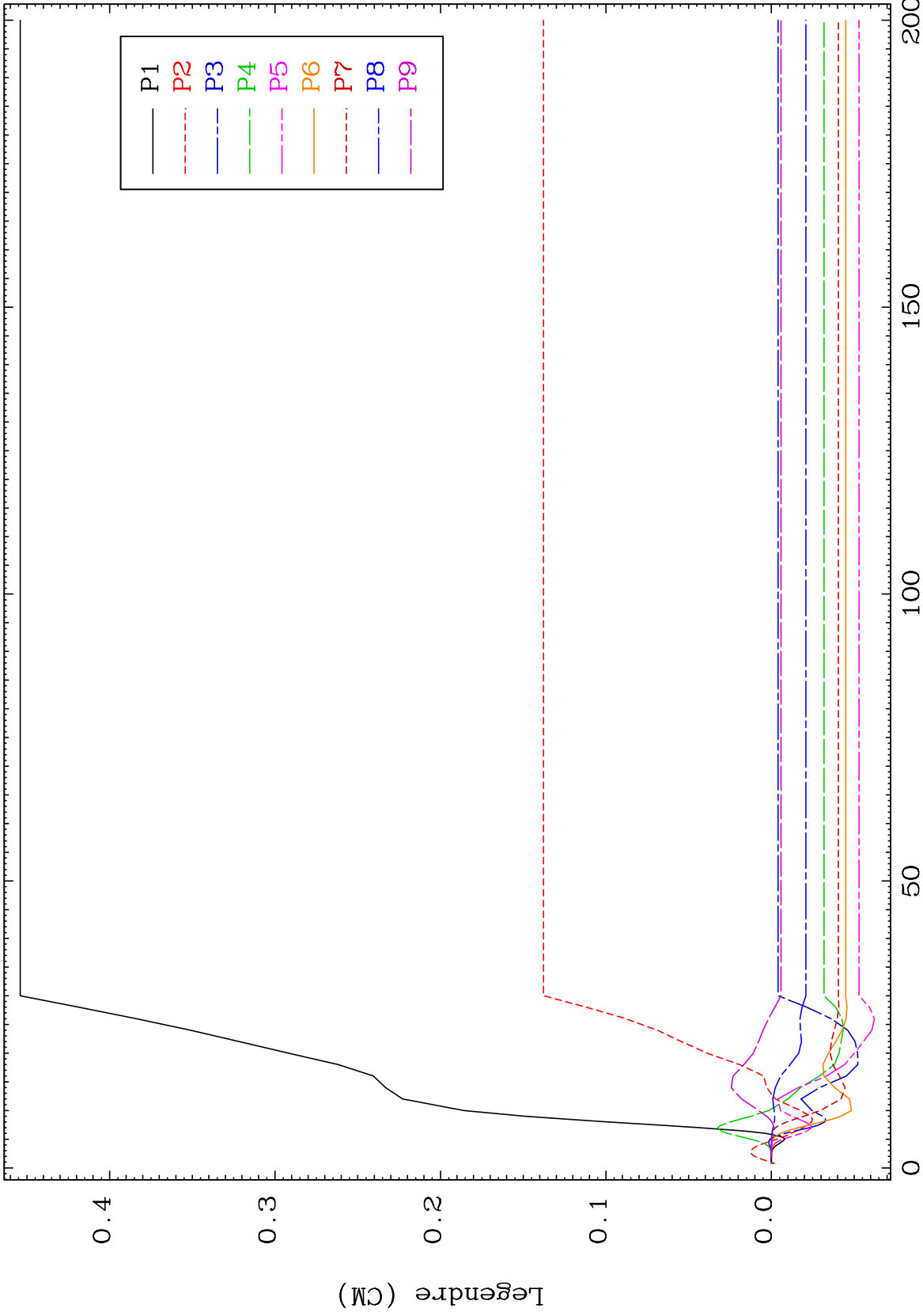
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



94

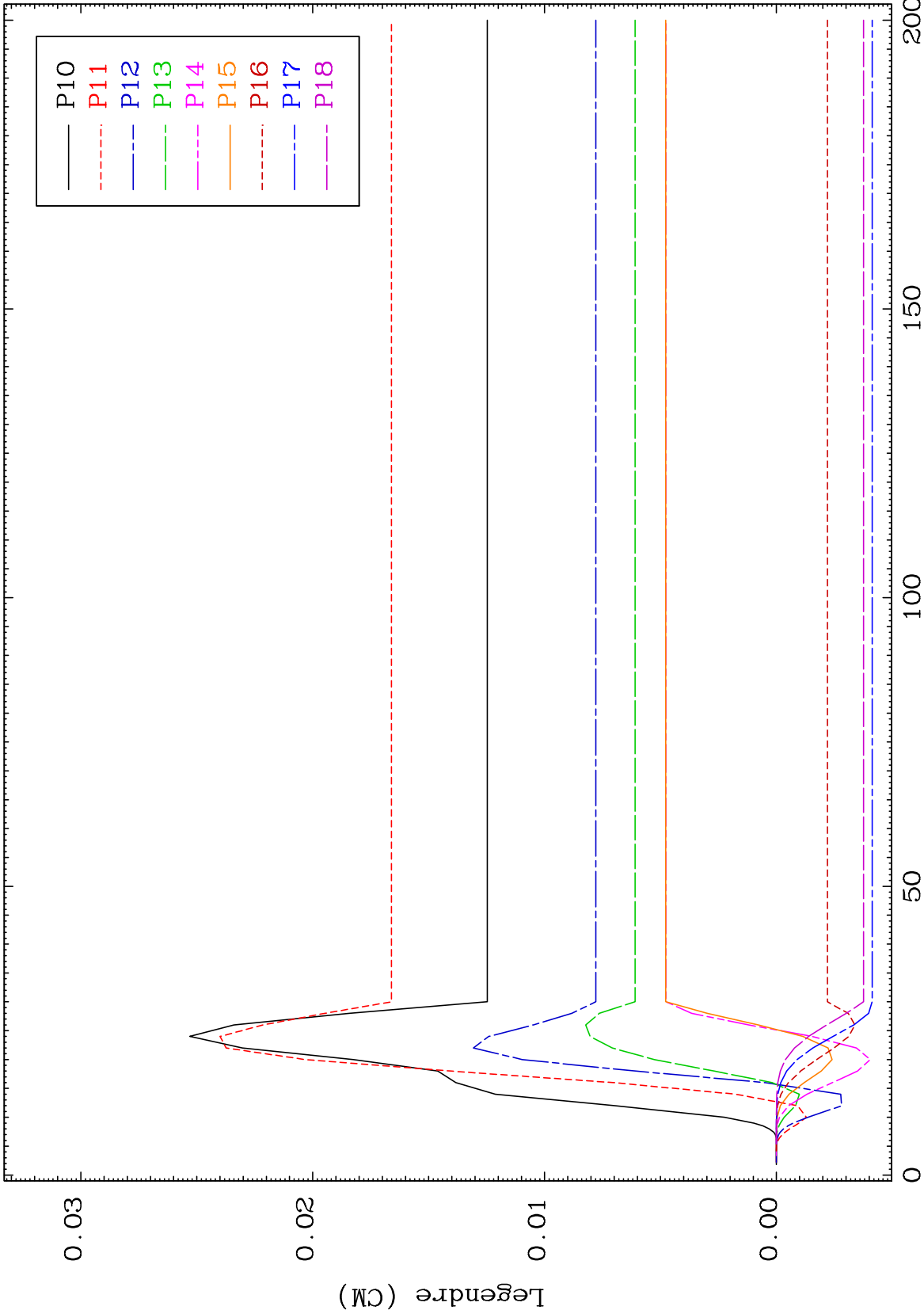
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



95

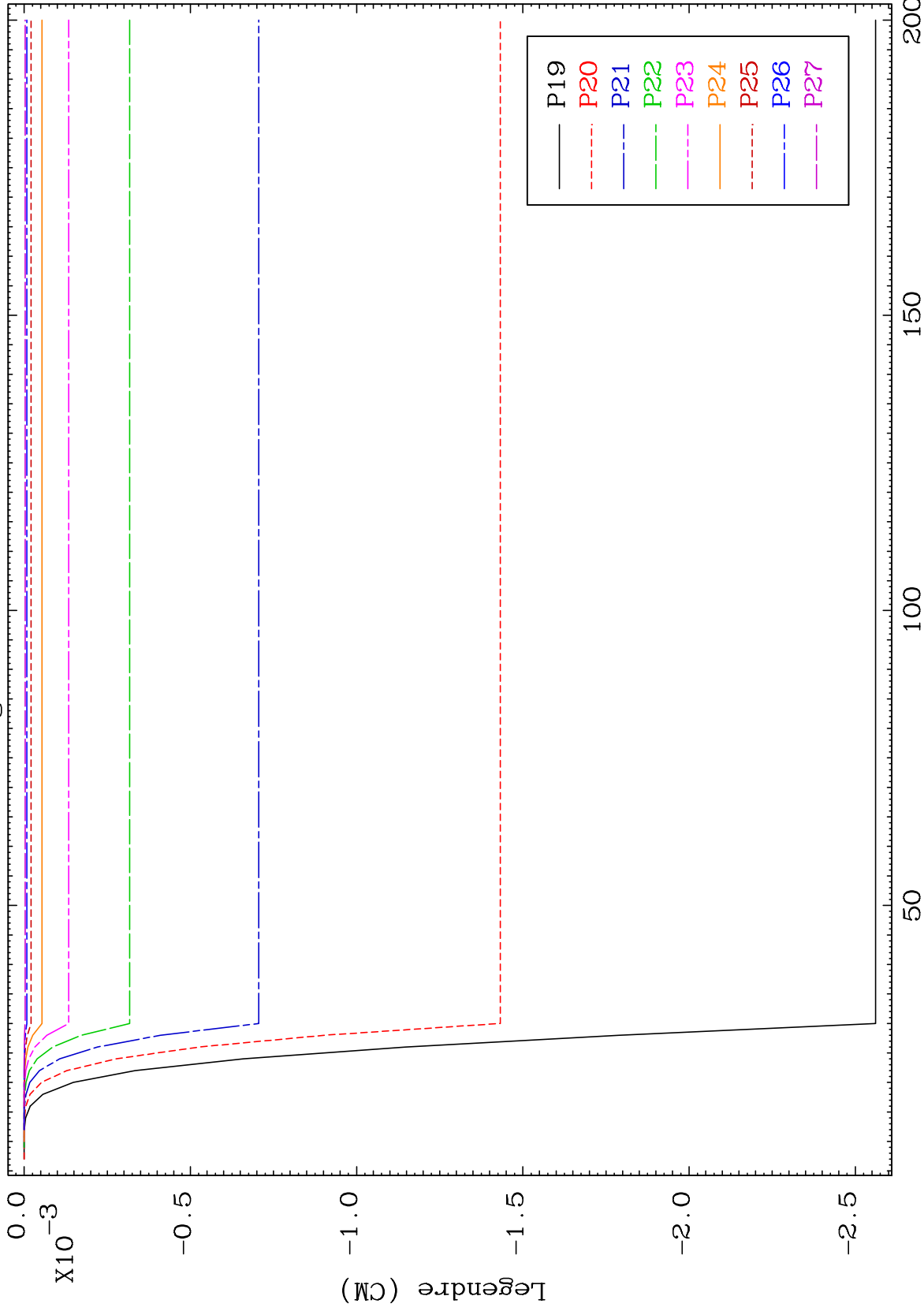
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



96

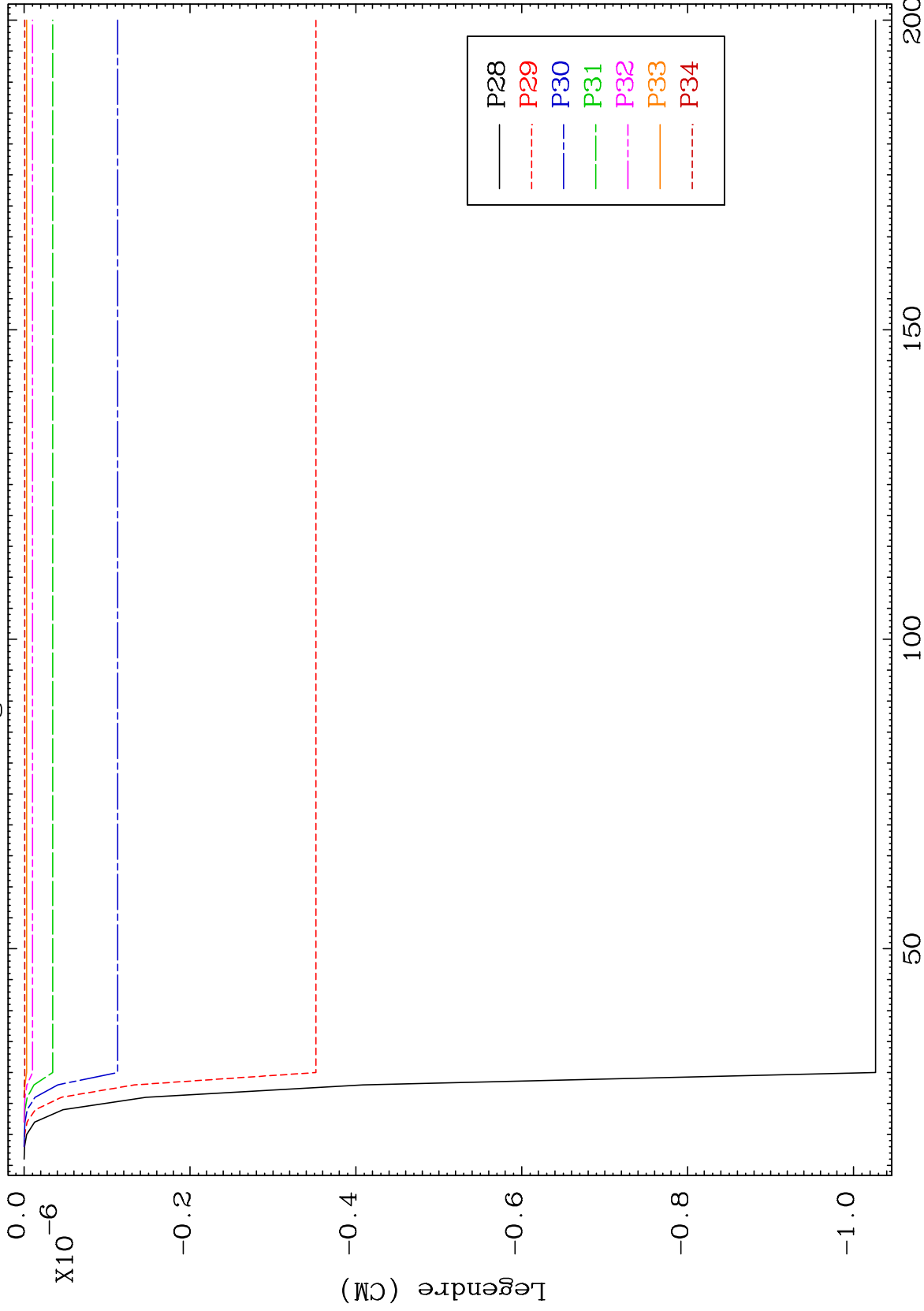
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103

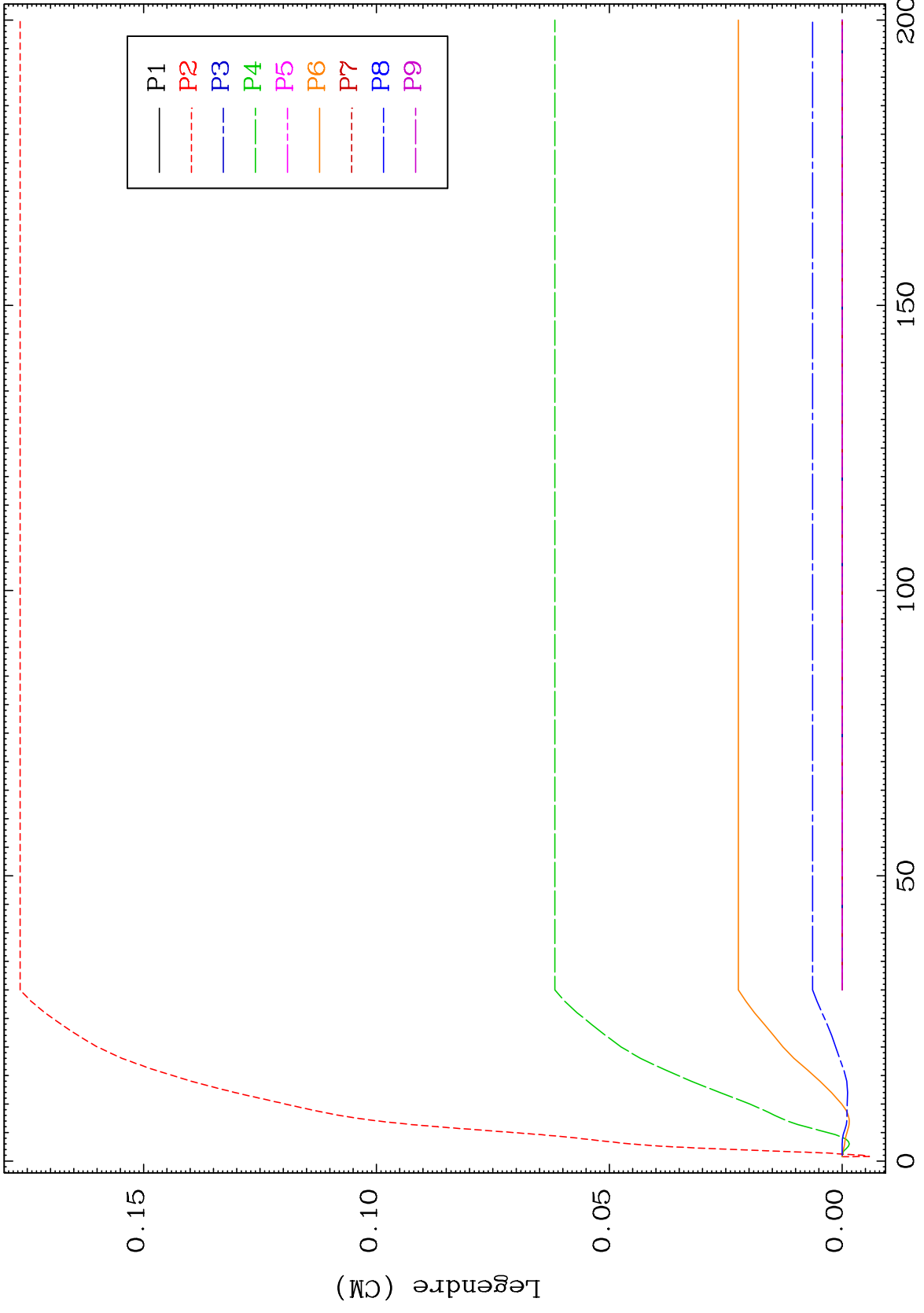


97

Incident Energy (MeV)

44-Ru-103

MAT 4446 MT= 75 (n,n') Level Legendre Coefficients 44-Ru-103

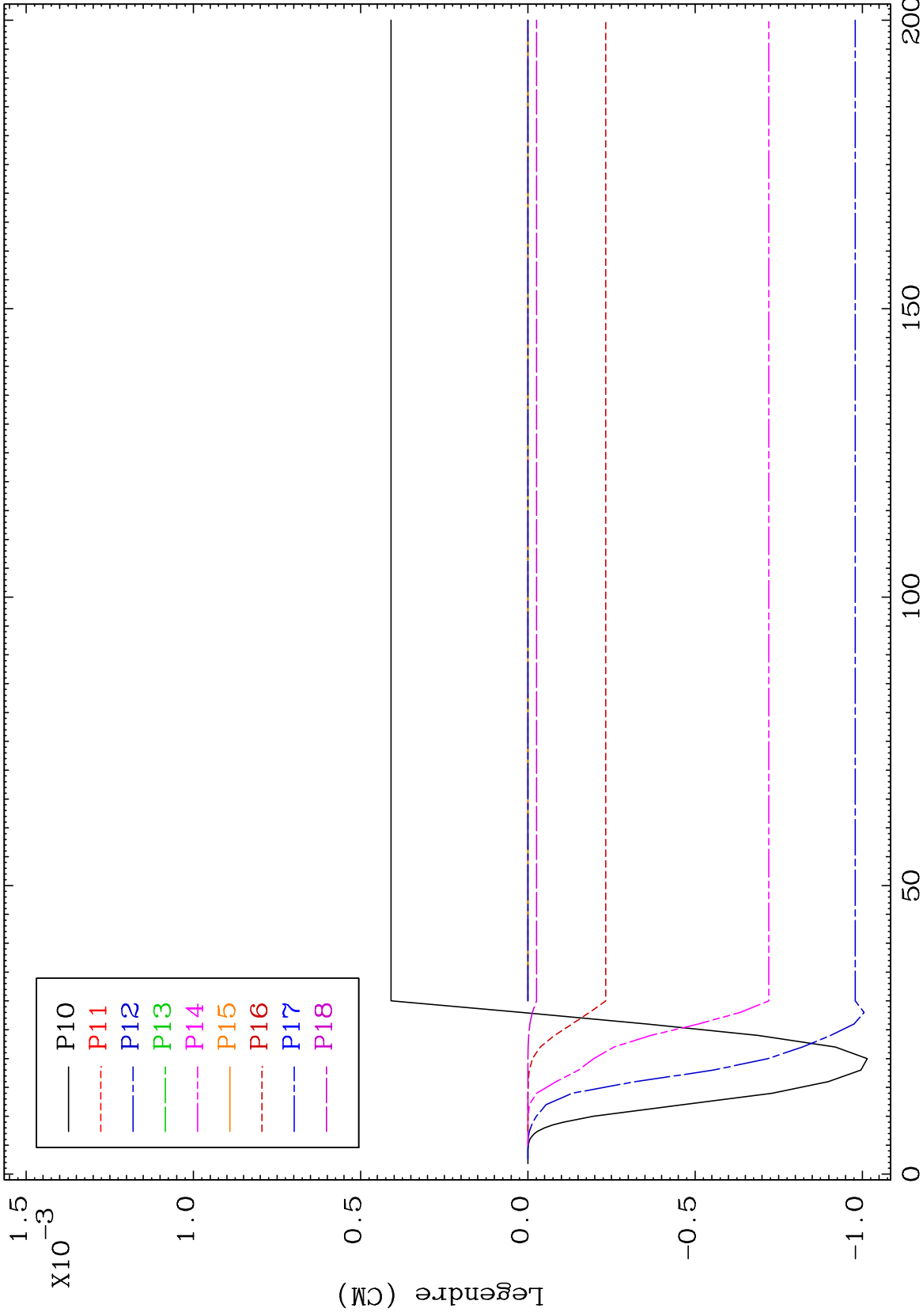


98 Incident Energy (MeV) 44-Ru-103

MAT 4446

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

44-Ru-103



99

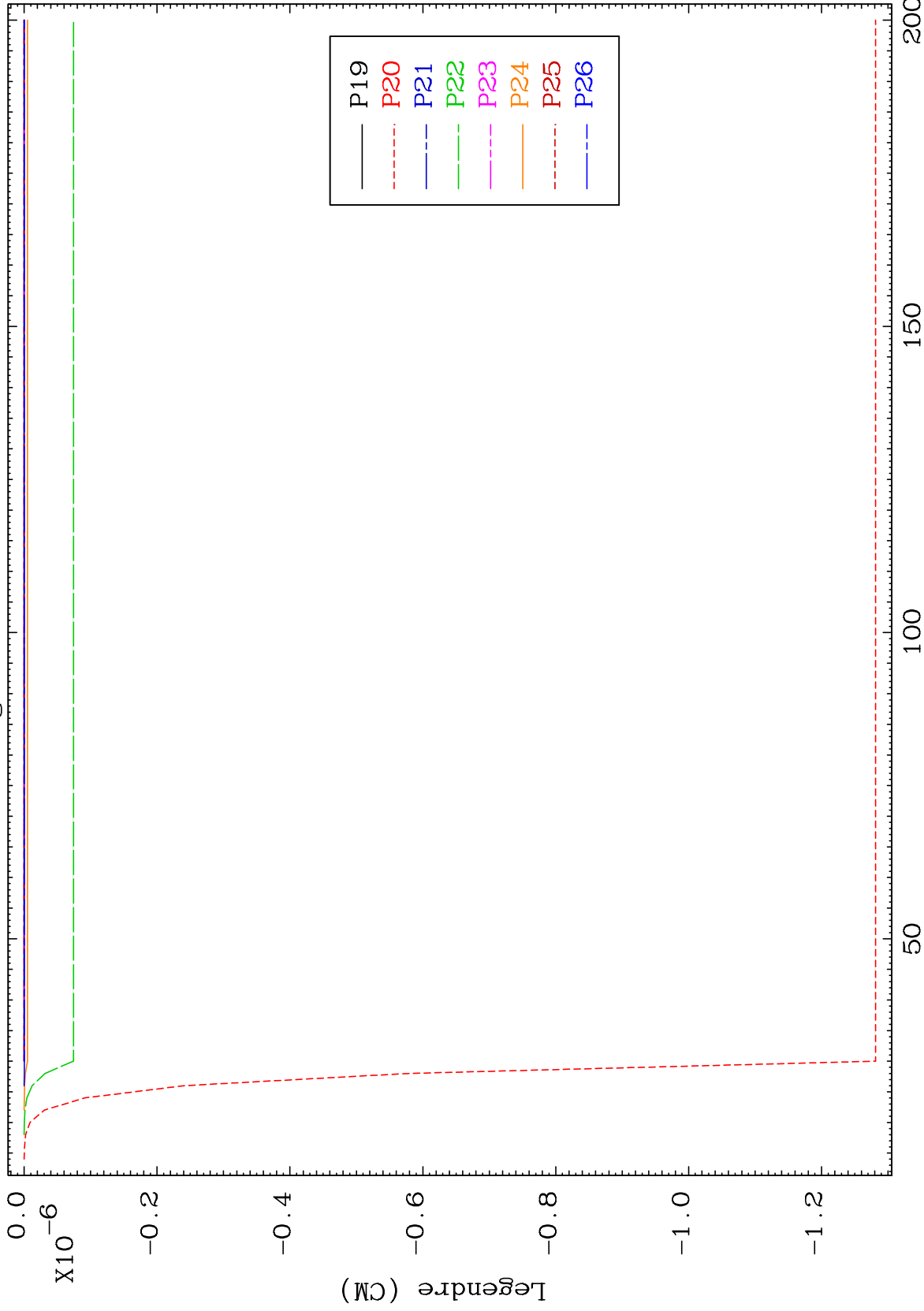
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



100

50

100

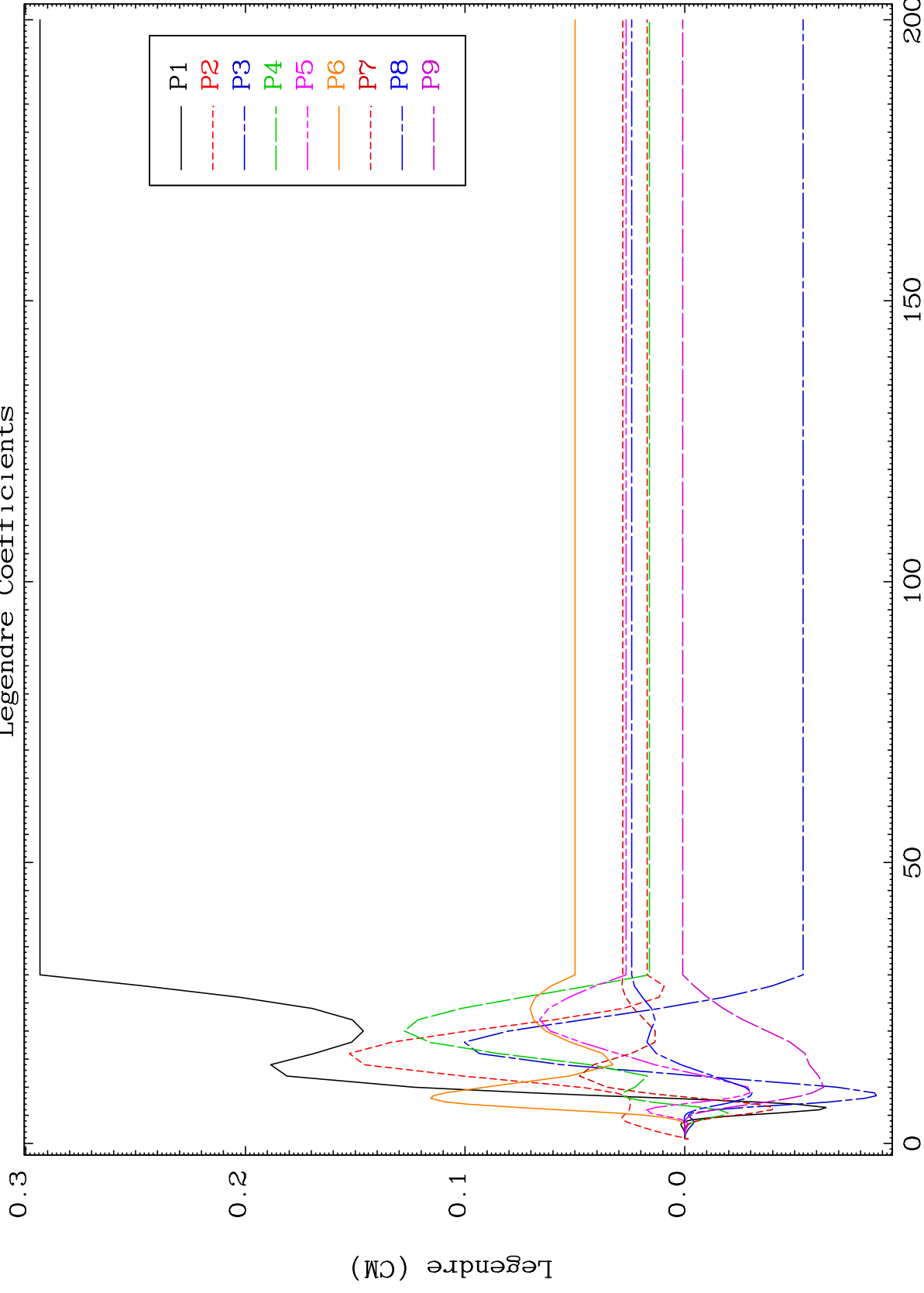
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



101

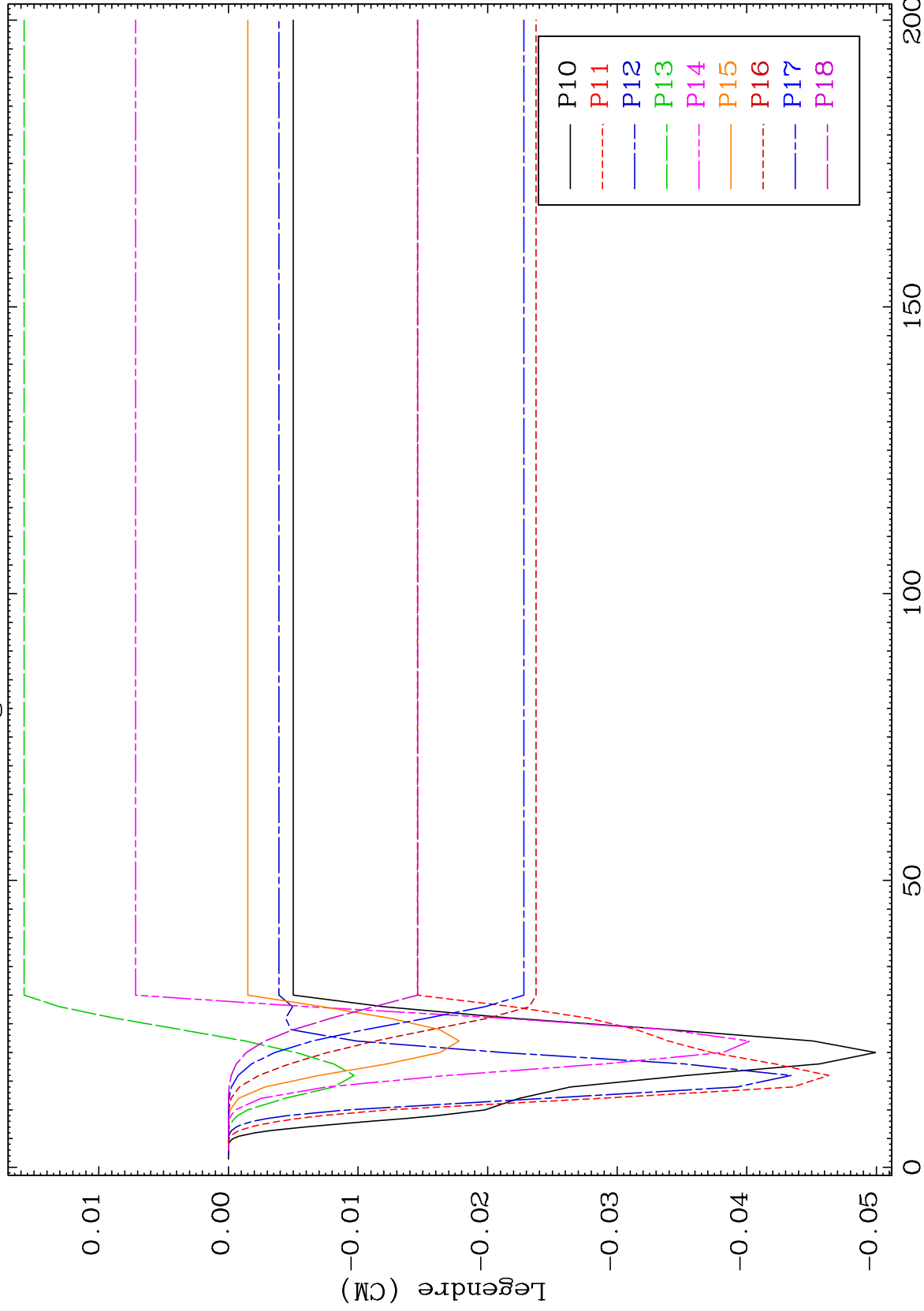
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103

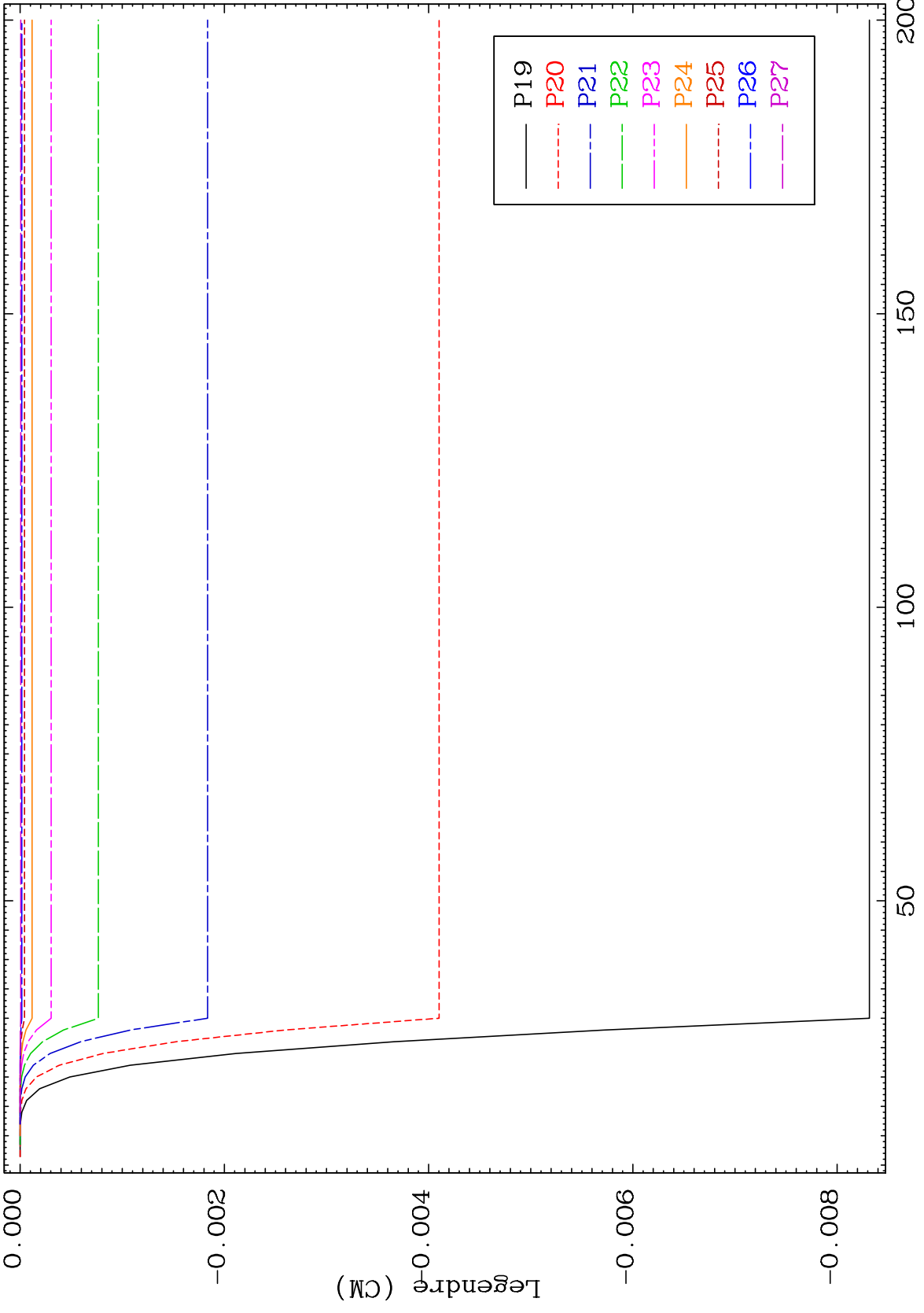


102

Incident Energy (MeV)

44-Ru-103

MAT 4446 MT= 76 (n,n') Level Legendre Coefficients 44-Ru-103

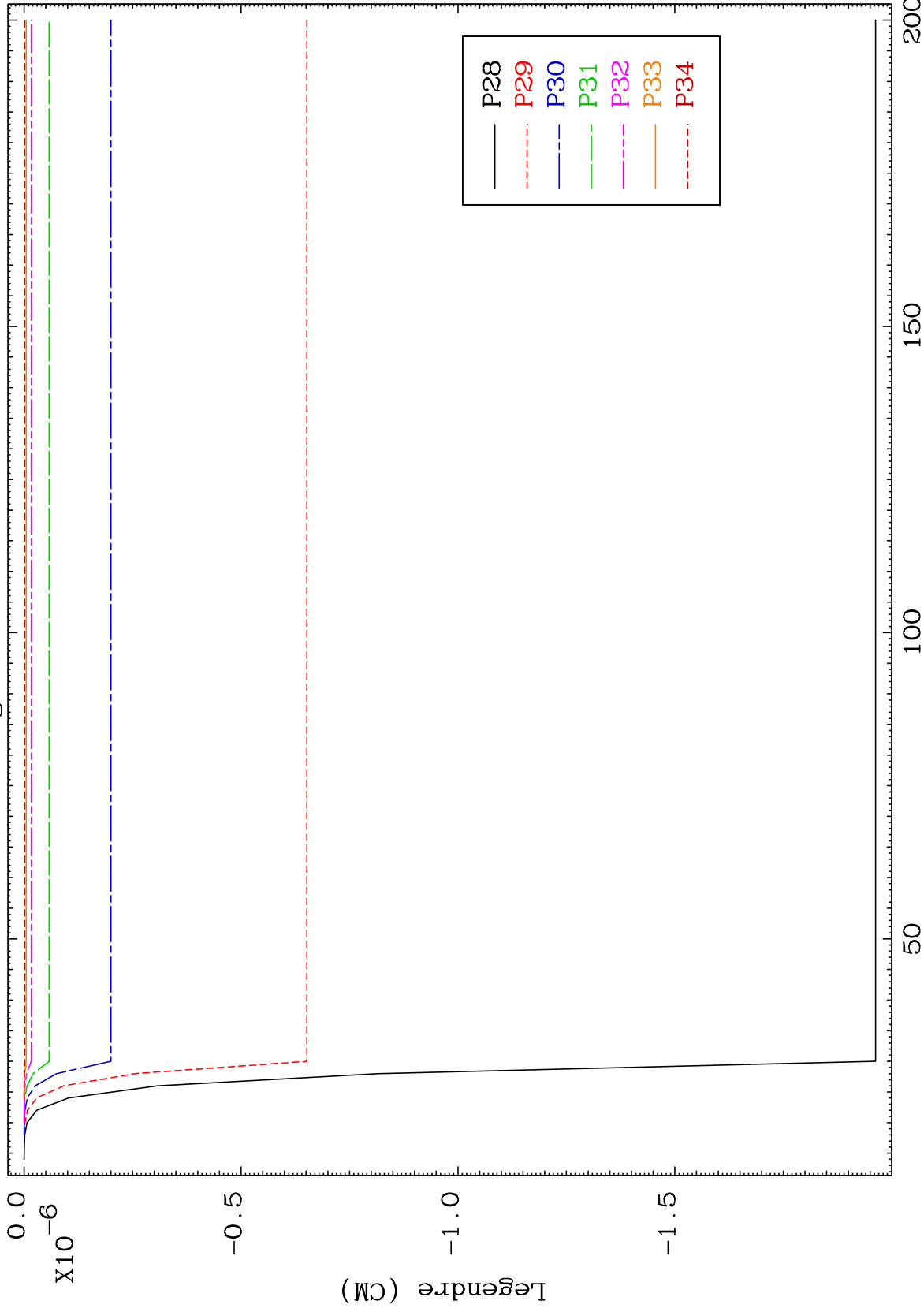


103 44-Ru-103

MAT 4446

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

44-Ru-103



104

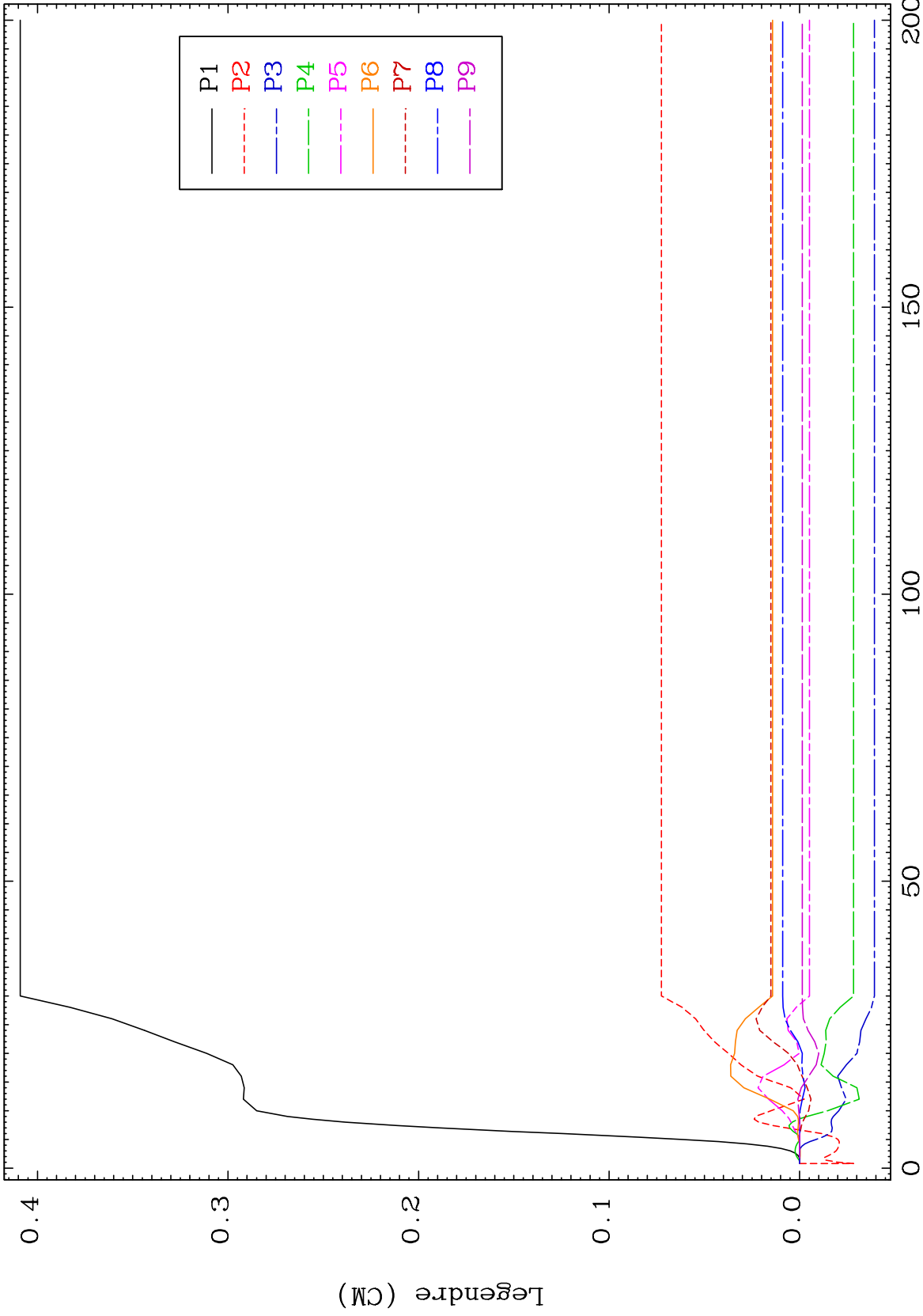
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



44-Ru-103

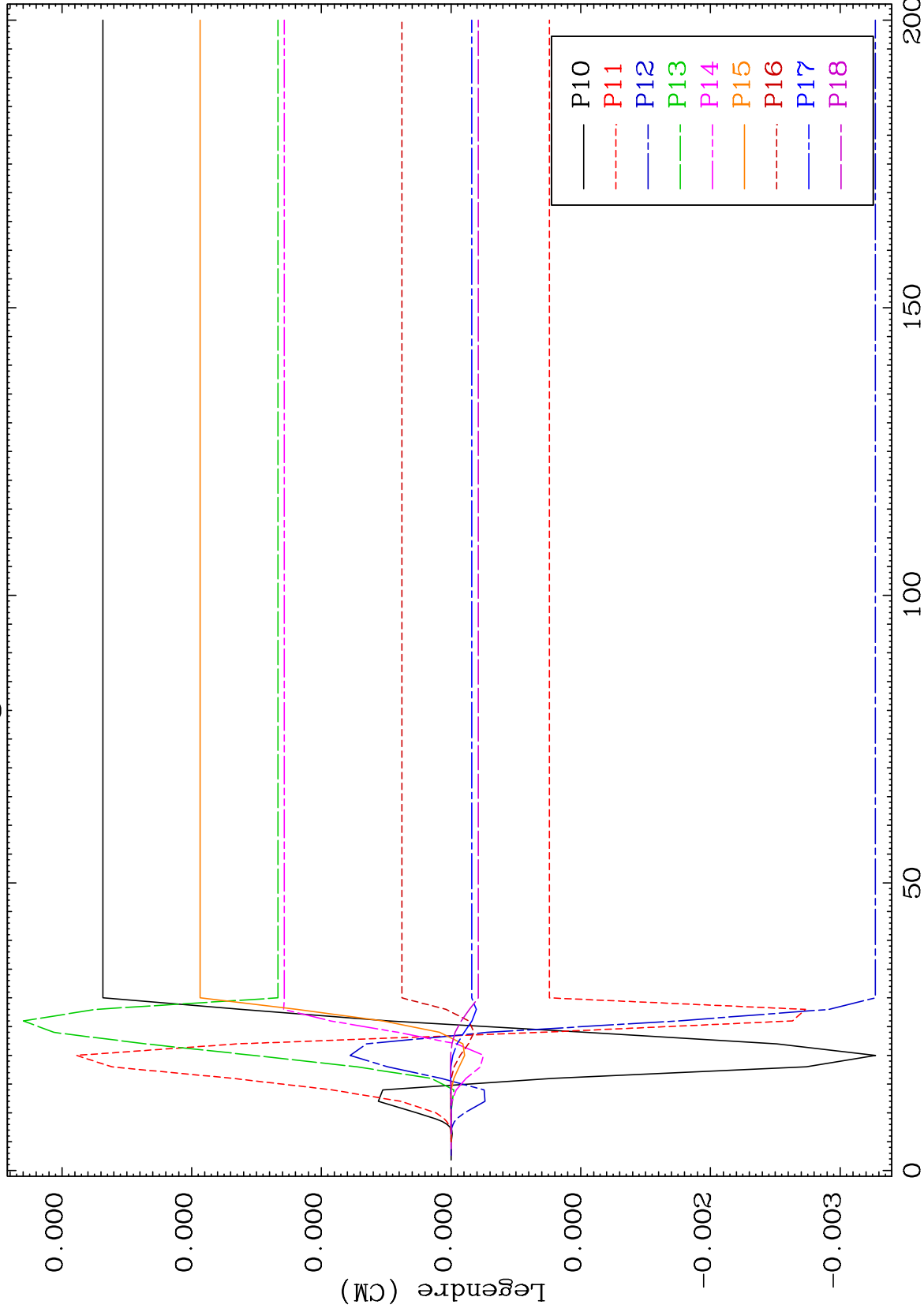
Incident Energy (MeV)

105

MAT 4446

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

44-Ru-103



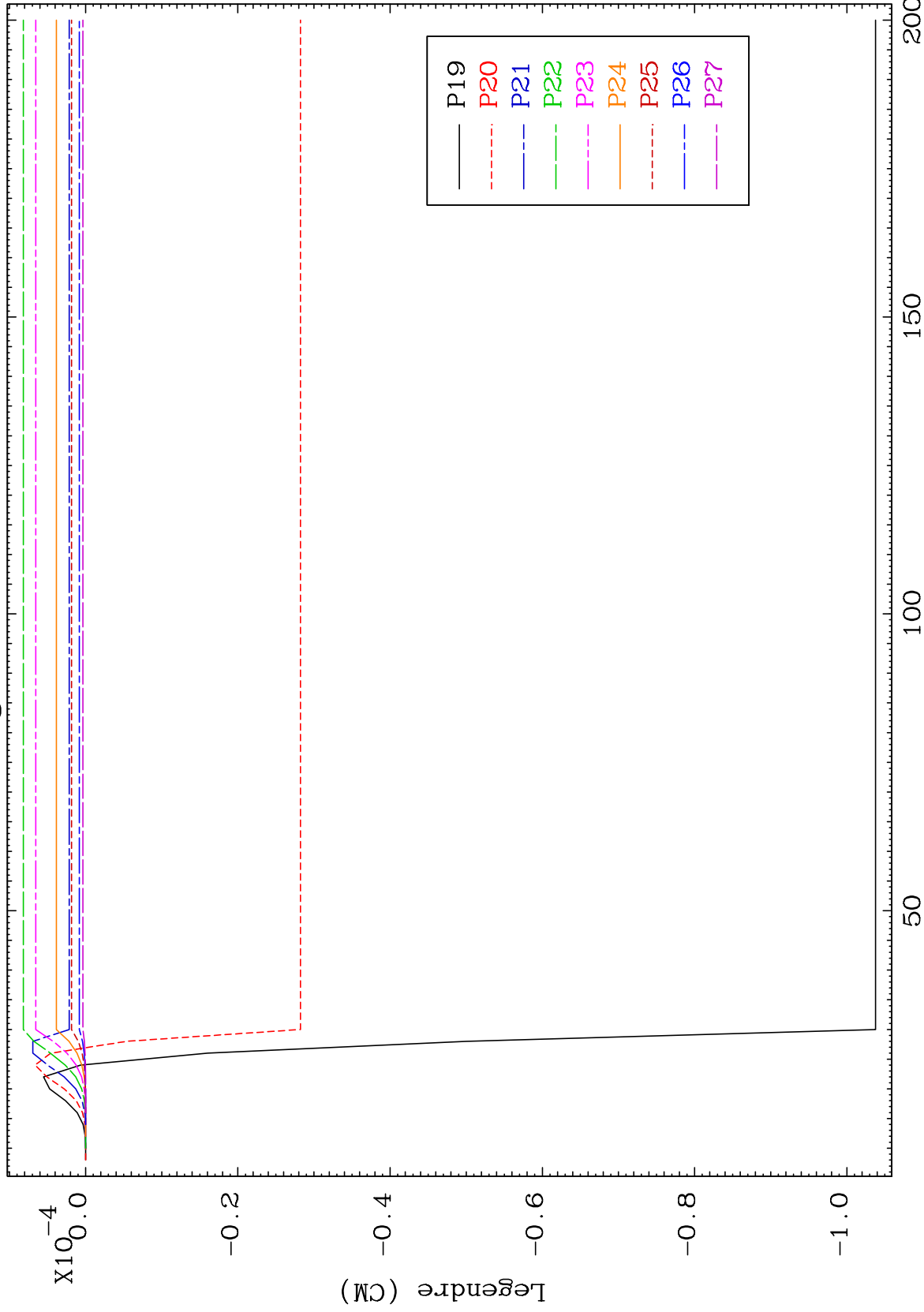
106

44-Ru-103

MAT 4446

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

44-Ru-103



107

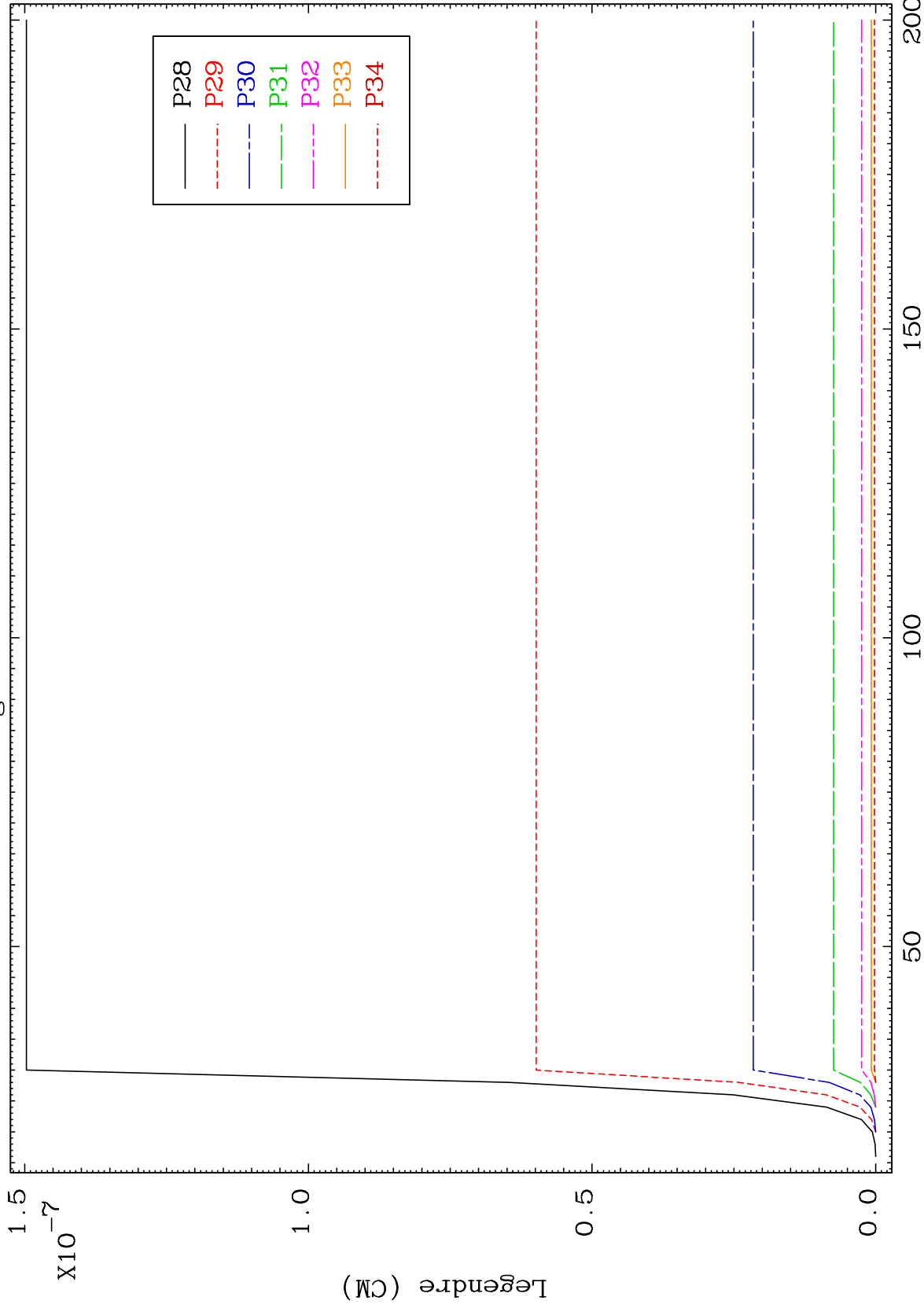
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103

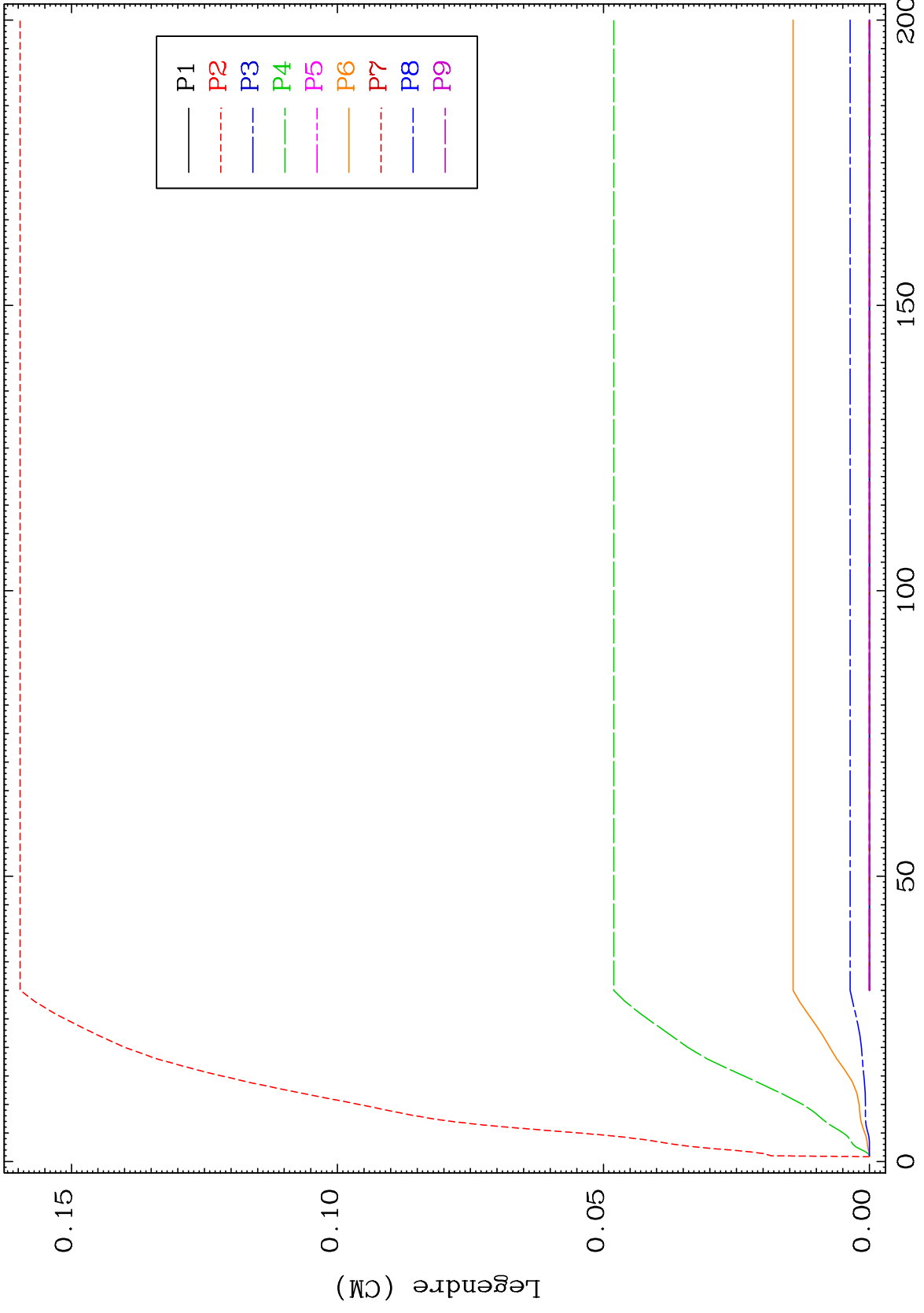


108

Incident Energy (MeV)

44-Ru-103

MAT 4446 MT= 78 (n,n') Level Legendre Coefficients 44-Ru-103

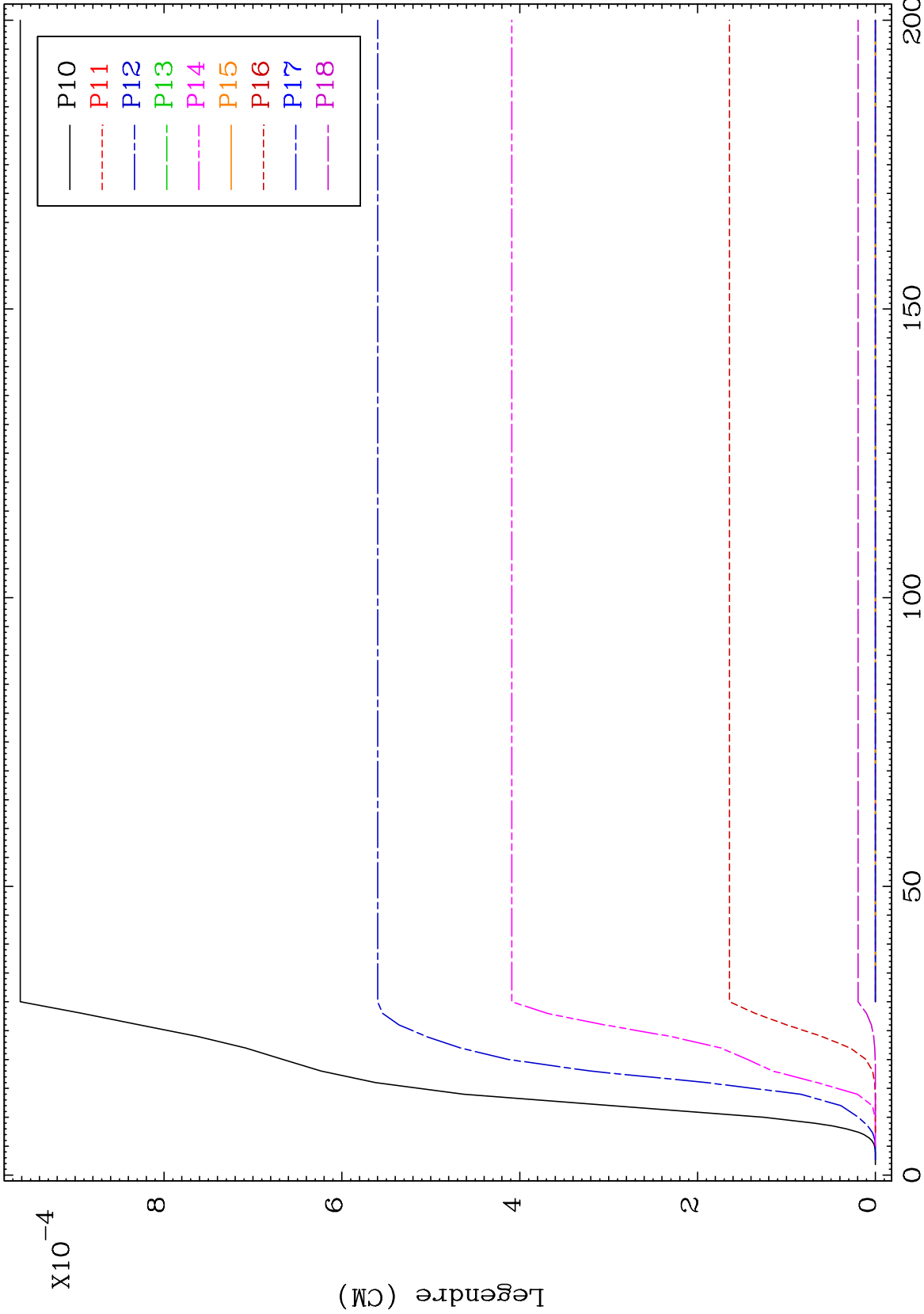


109 44-Ru-103

MAT 4446

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

44-Ru-103



44-Ru-103

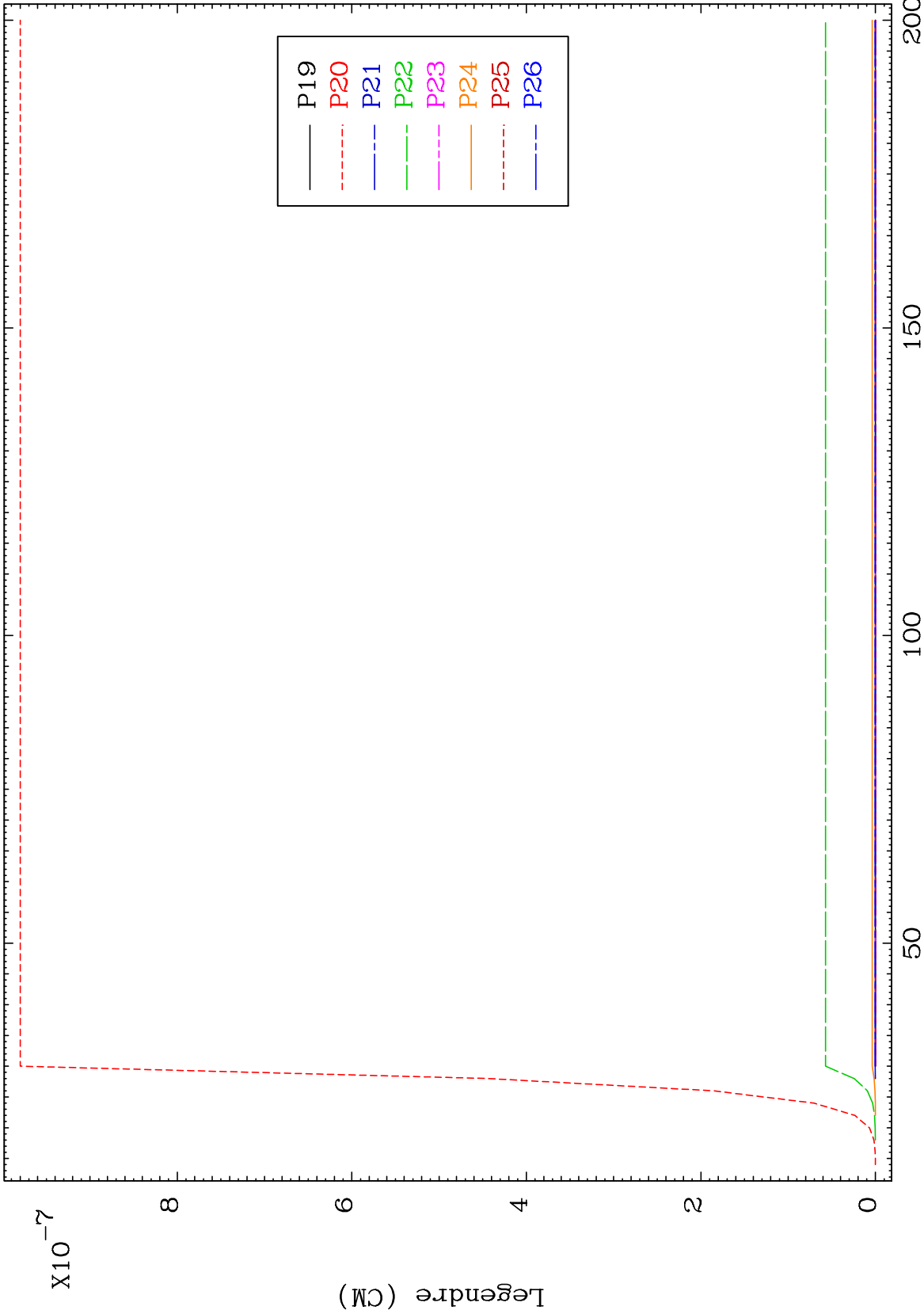
Incident Energy (MeV)

110

MAT 4446

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

44-Ru-103



111

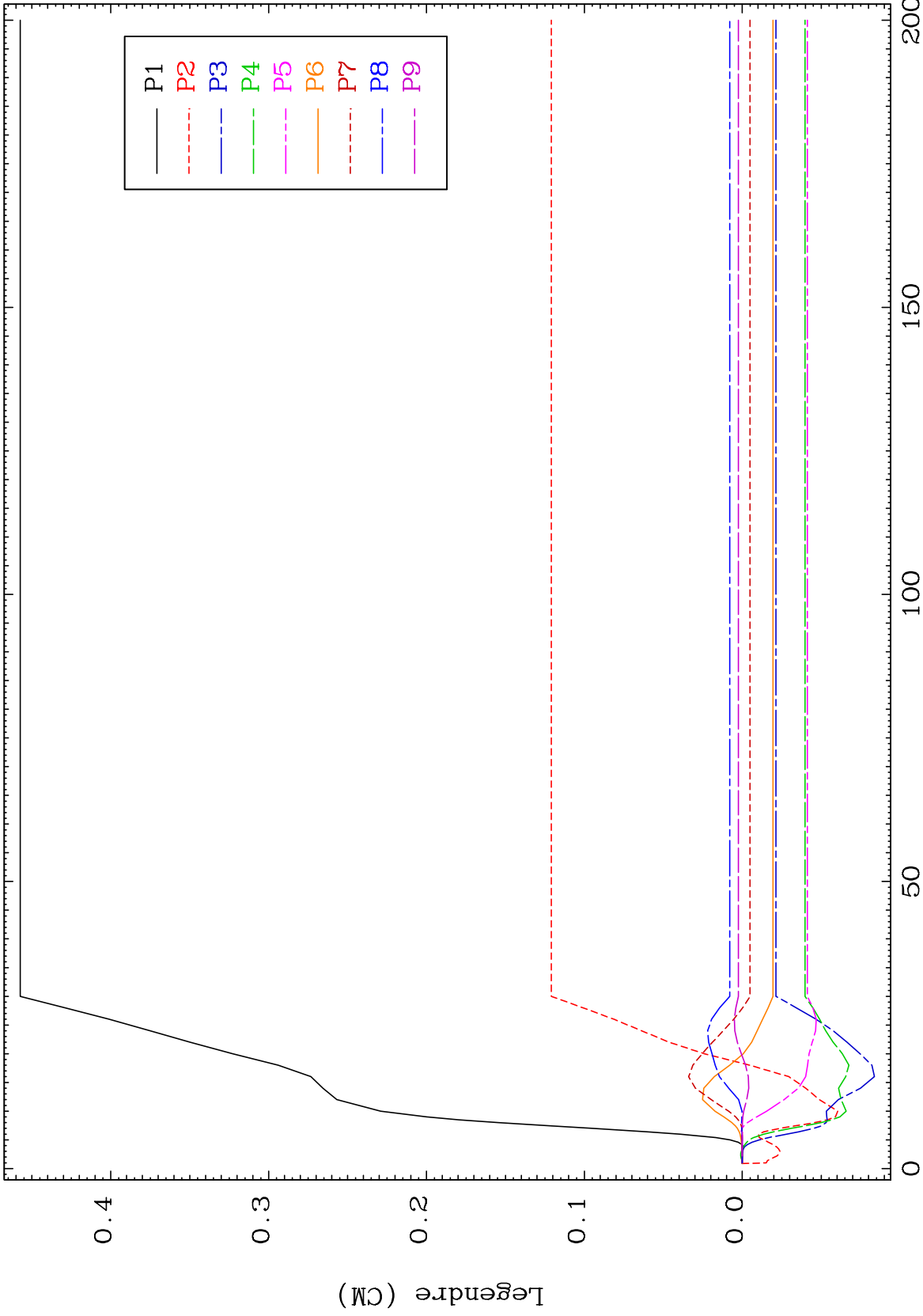
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



112

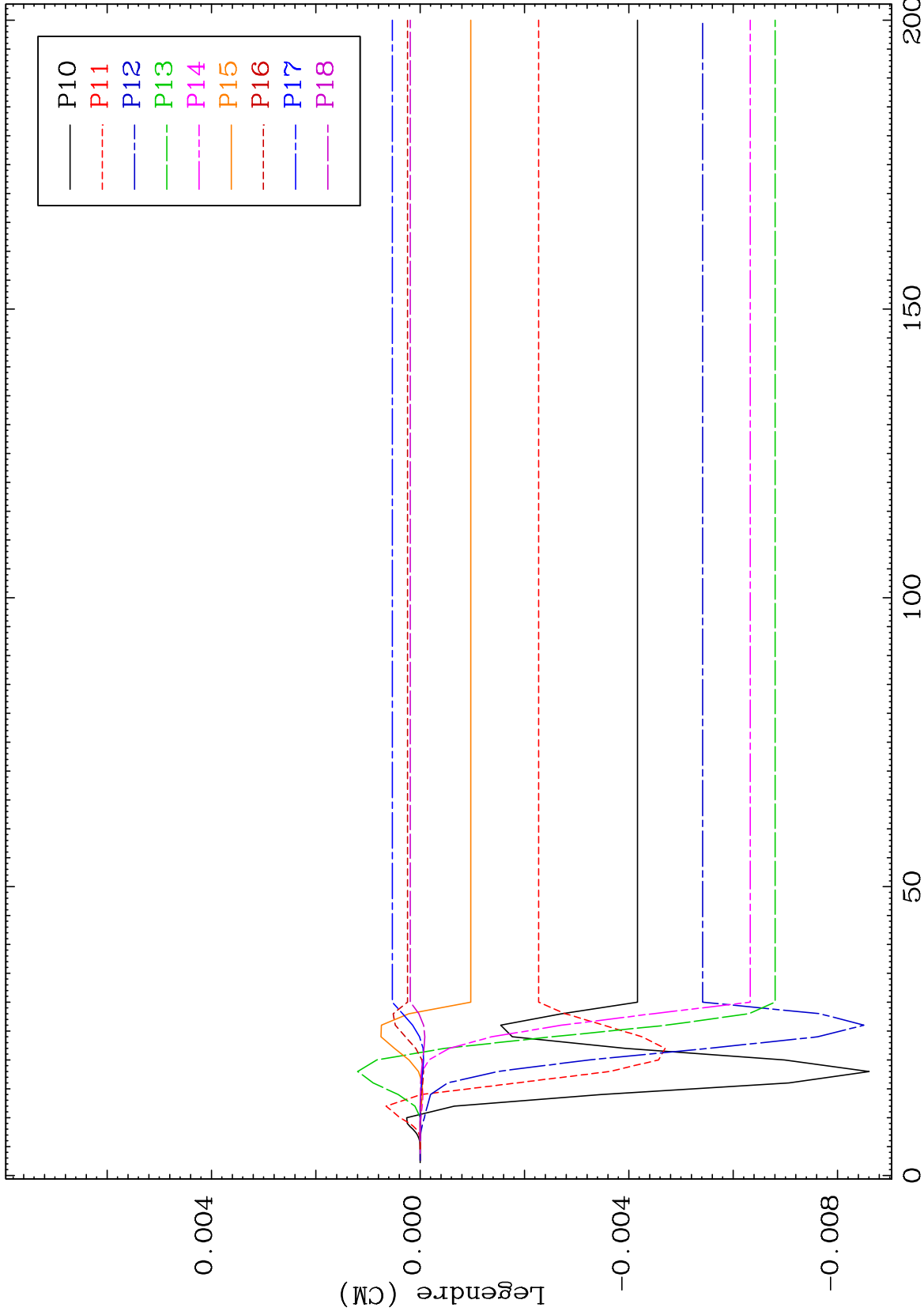
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



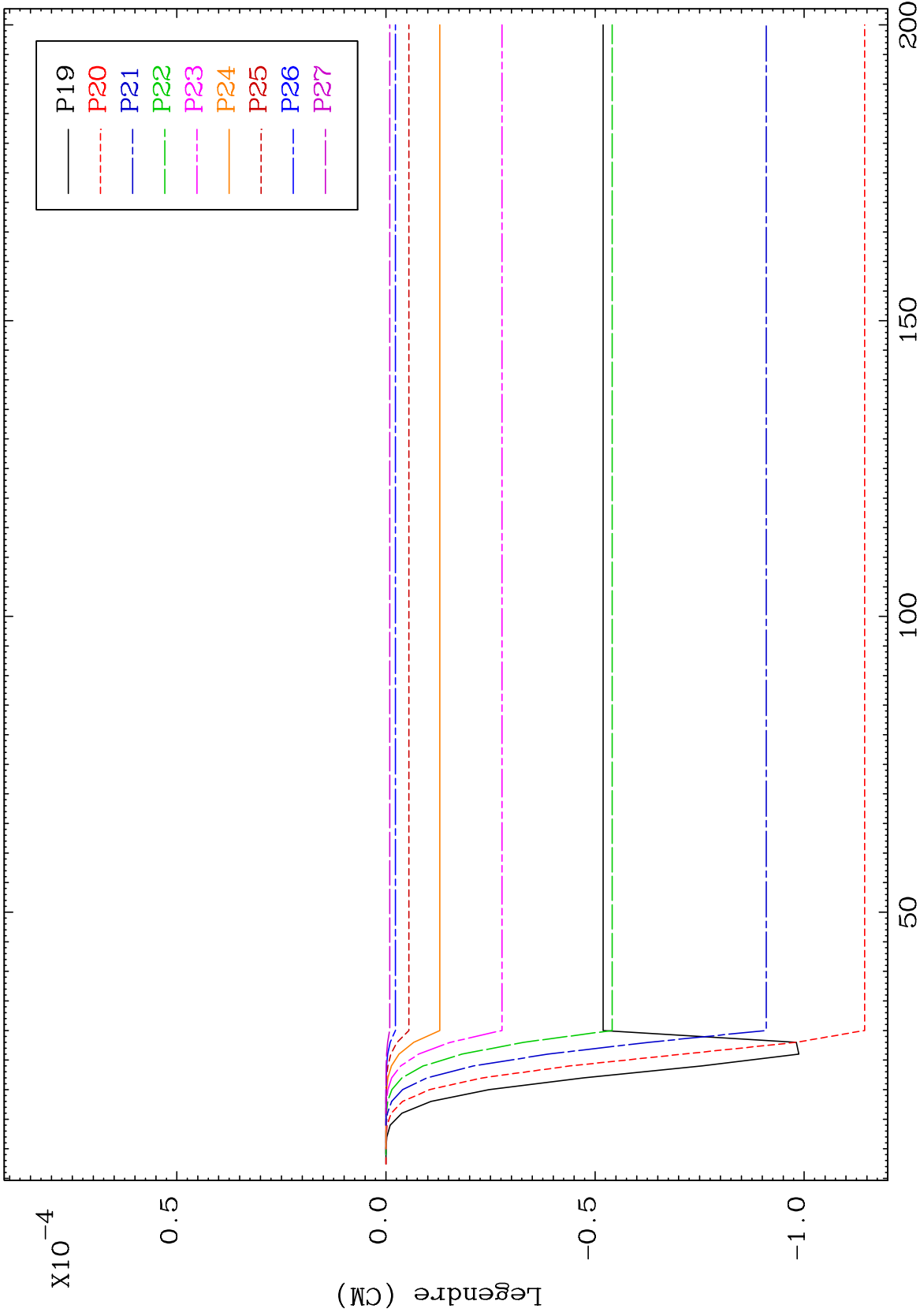
113

44-Ru-103

MAT 4446

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

44-Ru-103



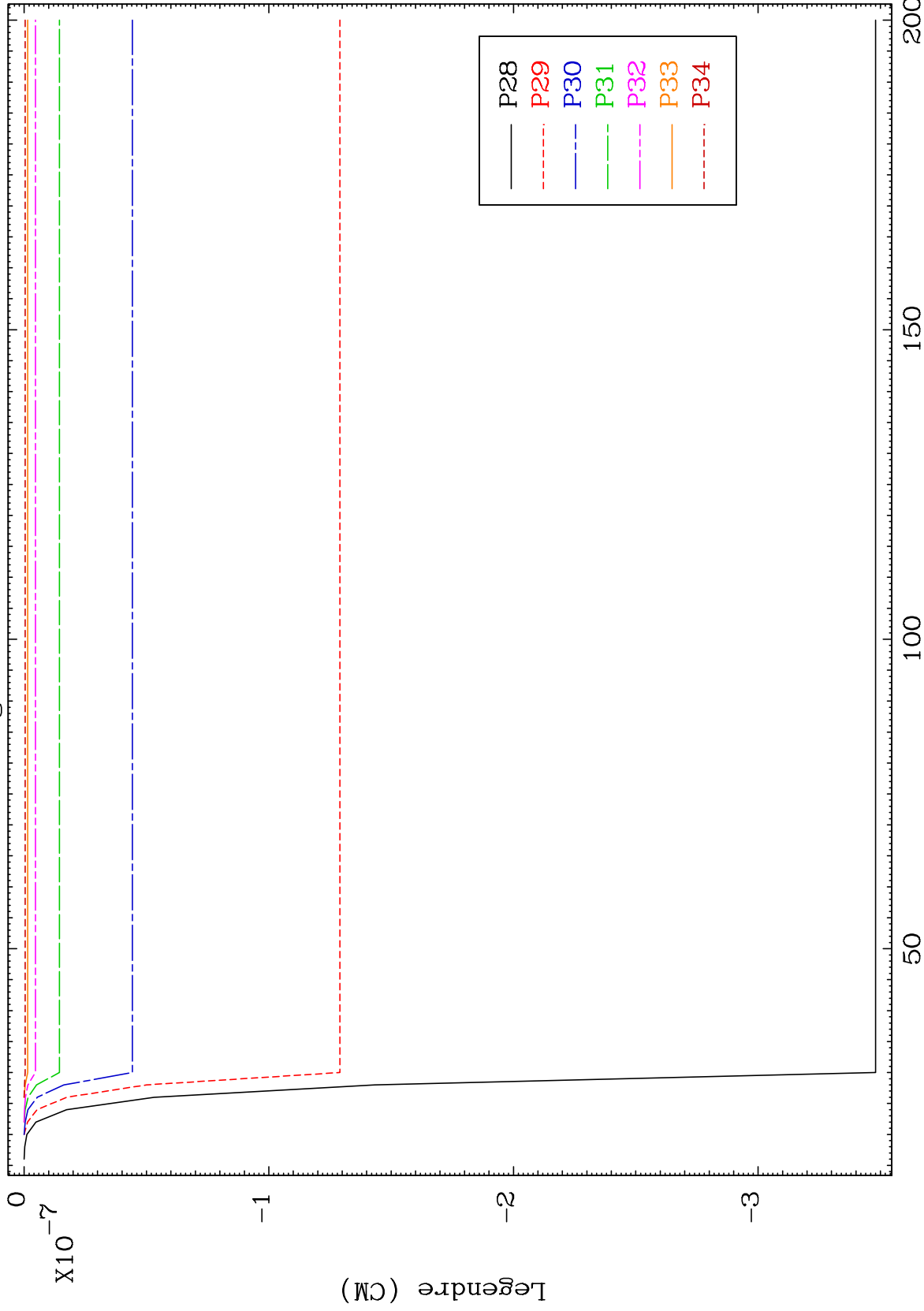
114

44-Ru-103

MAT 4446

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

44-Ru-103



44-Ru-103

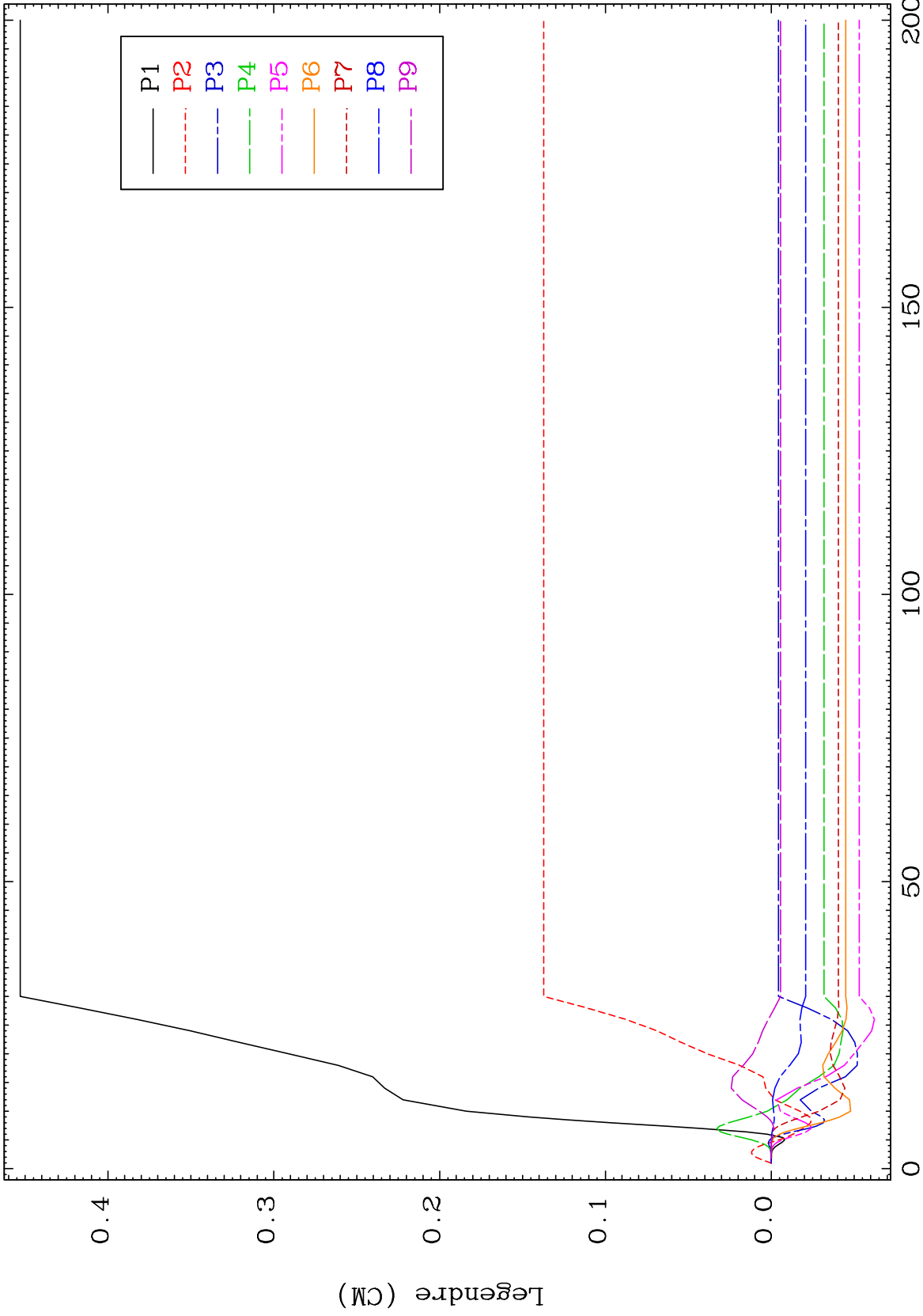
Incident Energy (MeV)

115

MAT 4446

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

44-Ru-103



116

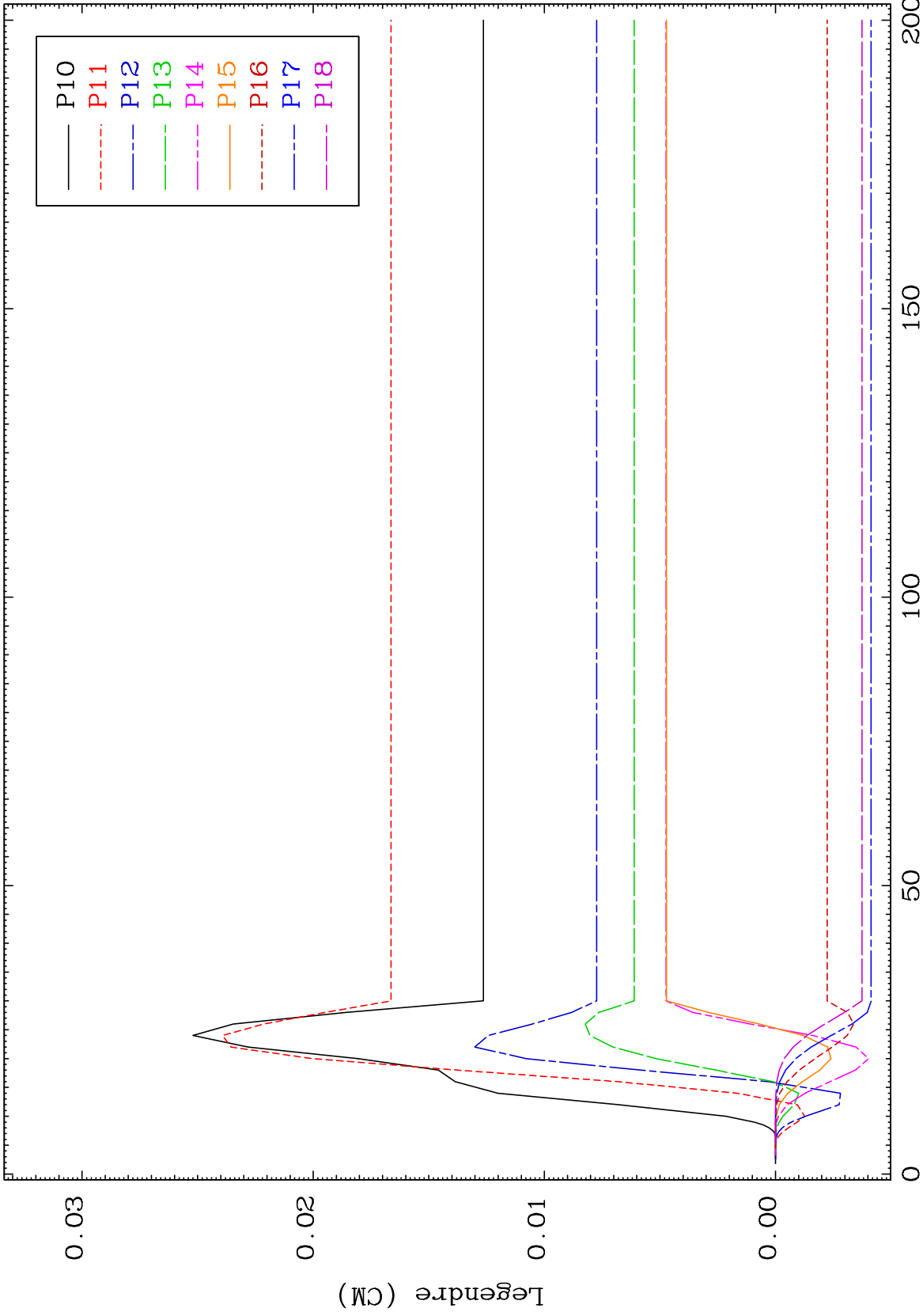
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



117

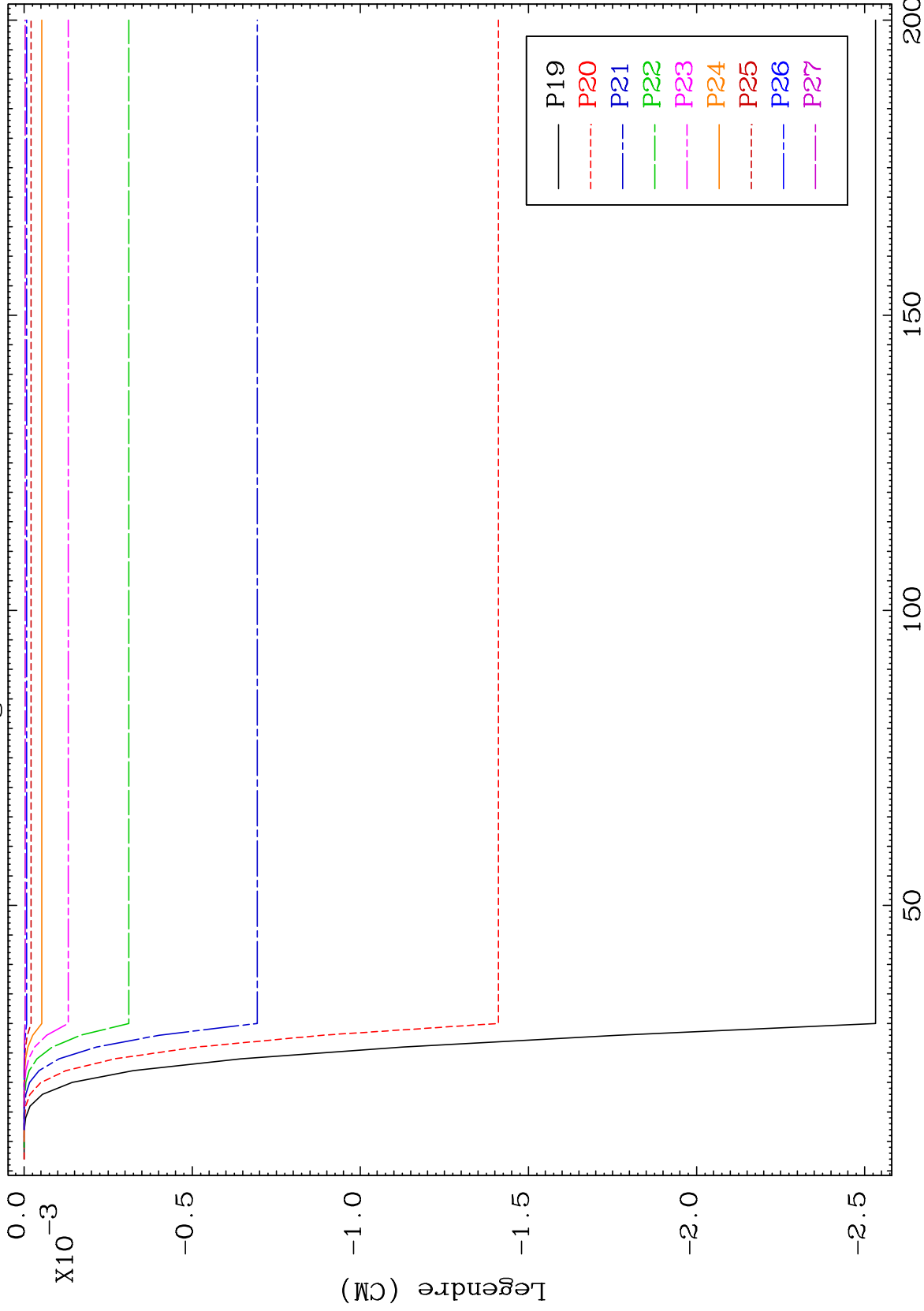
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



118

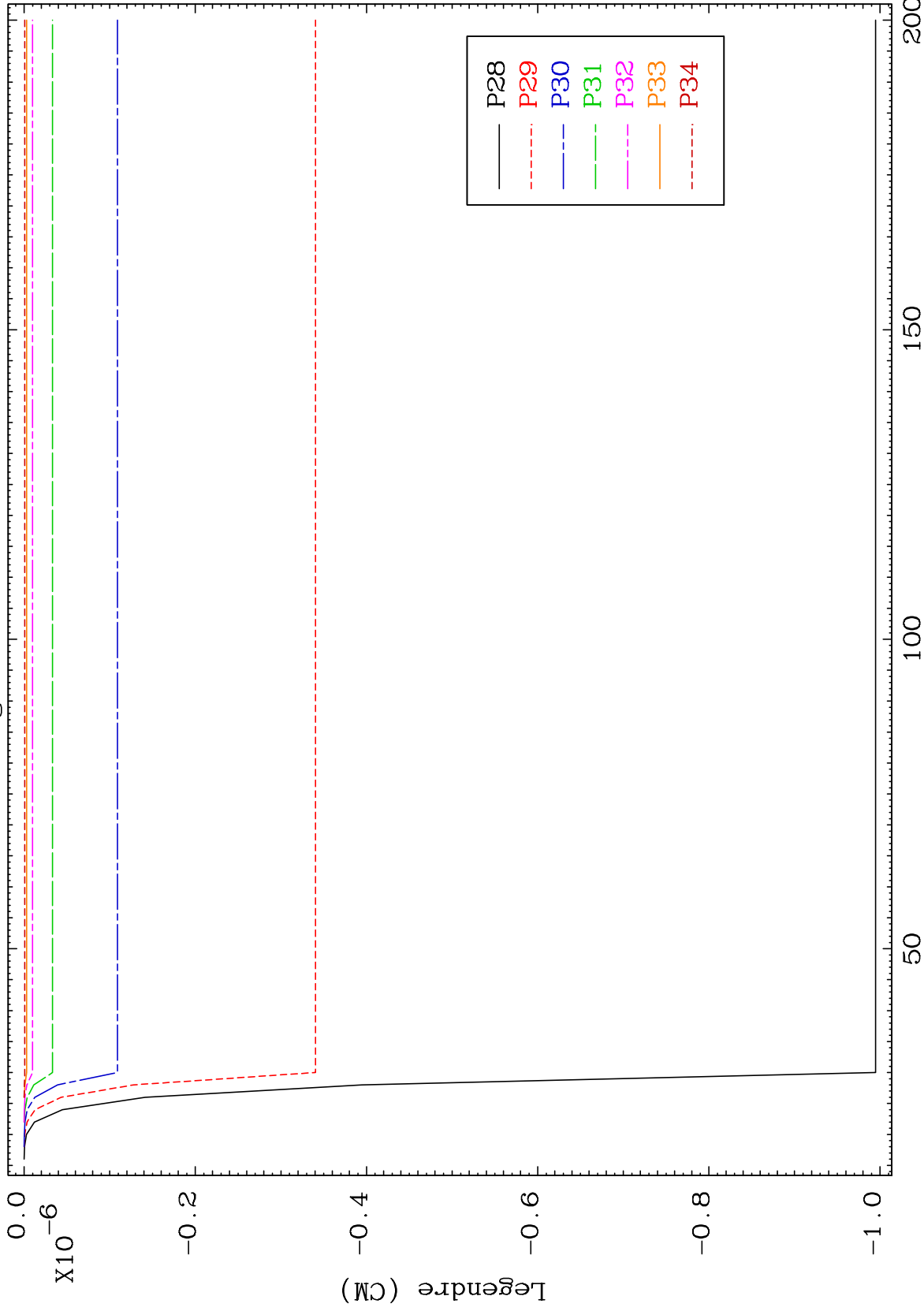
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



119

Incident Energy (MeV)

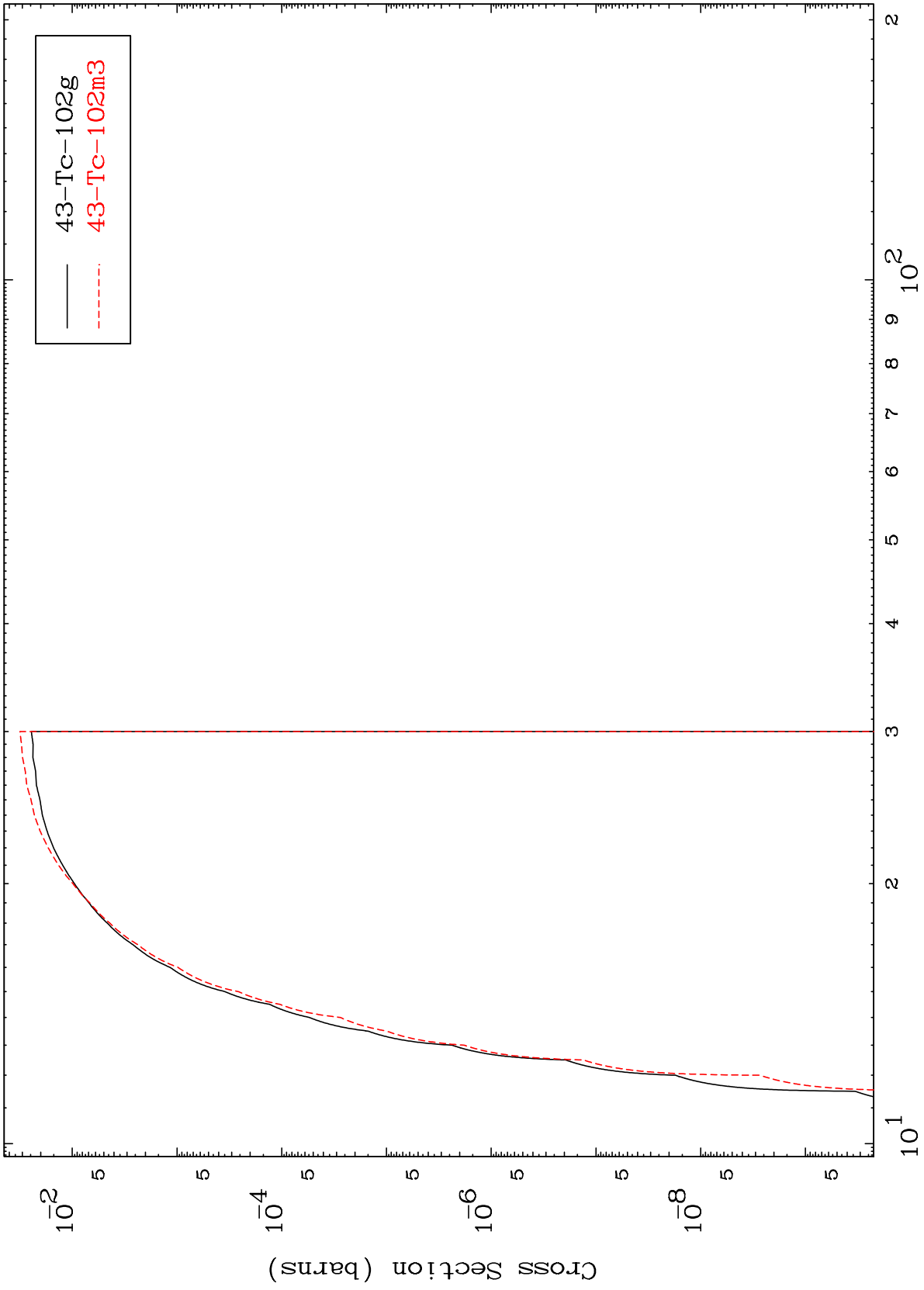
44-Ru-103

MAT 4446

(n,n') p

44-Ru-103

Radionuclide Production Cross Section



Incident Energy (MeV)

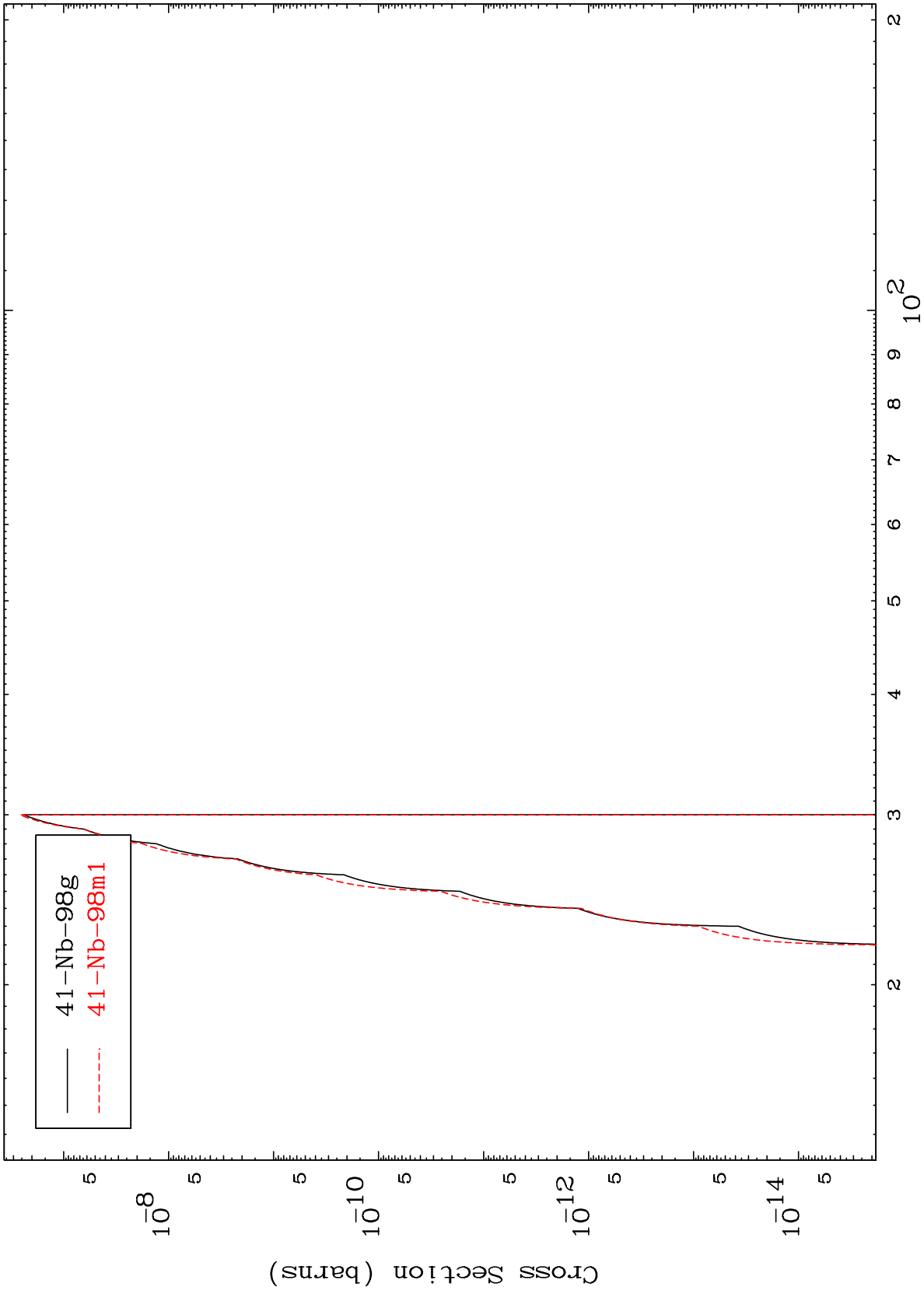
44-Ru-103

MAT 4446

(n,n') p α

44-Ru-103

Radionuclide Production Cross Section



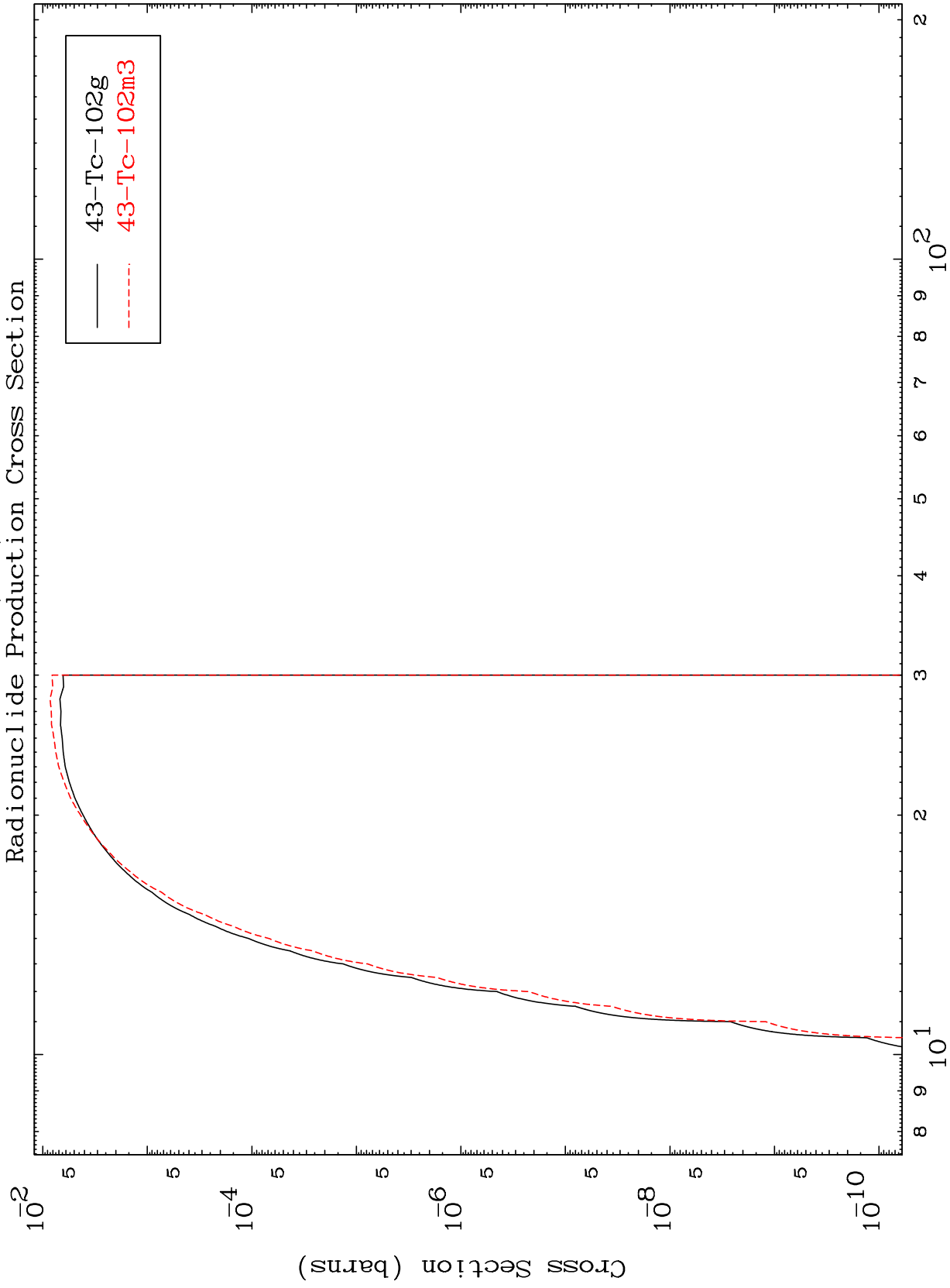
121

44-Ru-103

MAT 4446

(n,d)

44-Ru-103



122

Incident Energy (MeV)

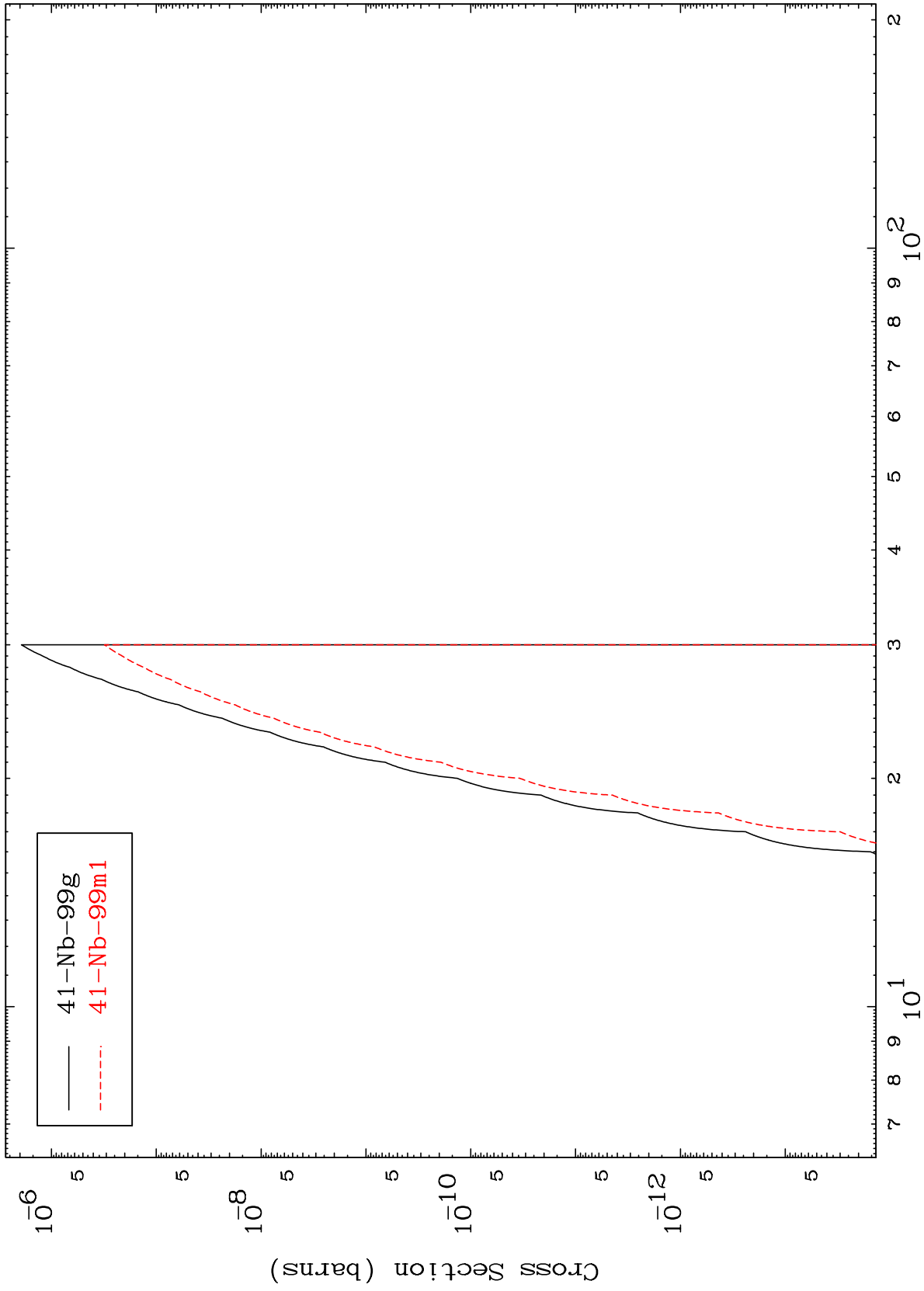
44-Ru-103

MAT 4446

(n,p) α

44-Ru-103

Radionuclide Production Cross Section



123

Incident Energy (MeV)

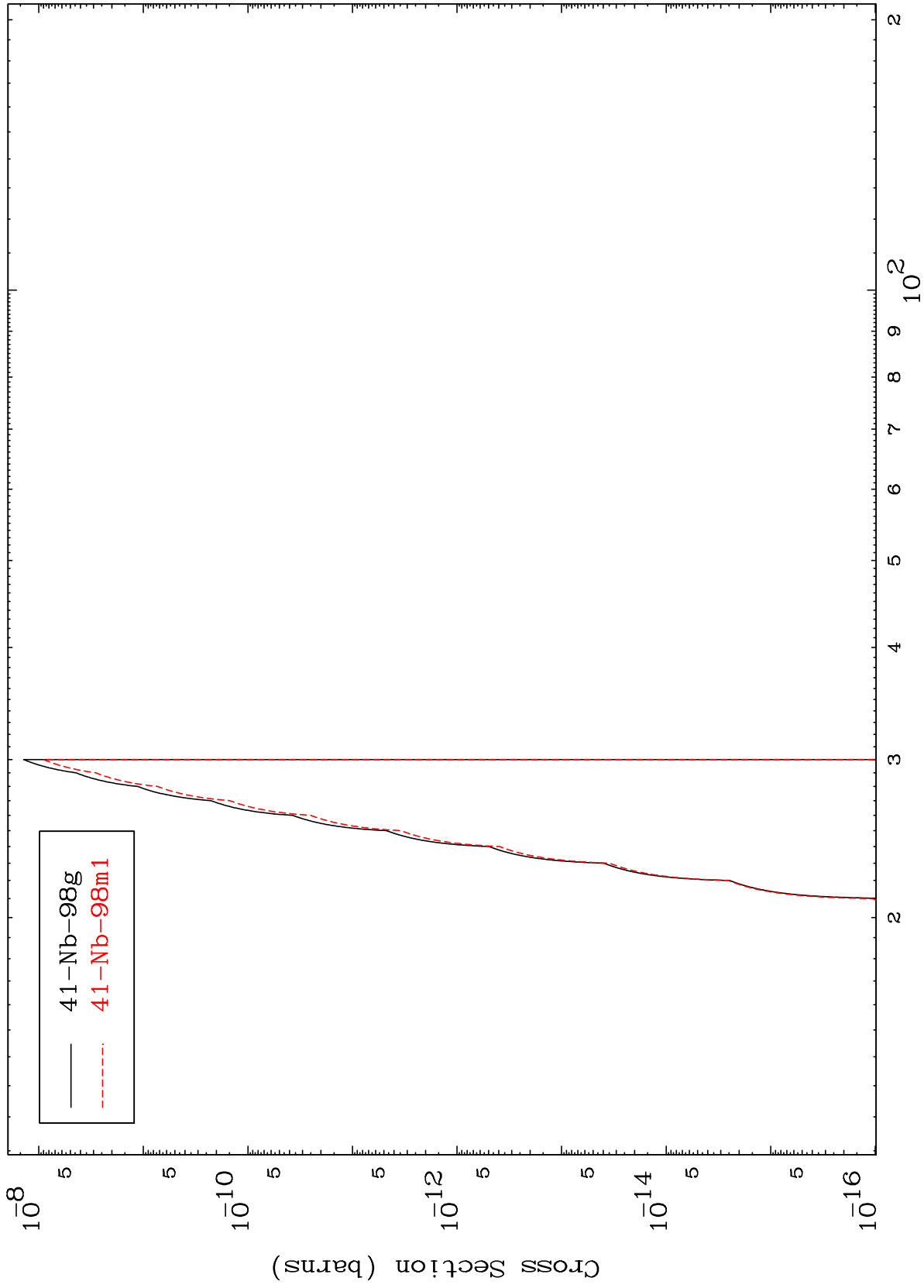
44-Ru-103

MAT 4446

(n,d) α

44-Ru-103

Radionuclide Production Cross Section



124

44-Ru-103