

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

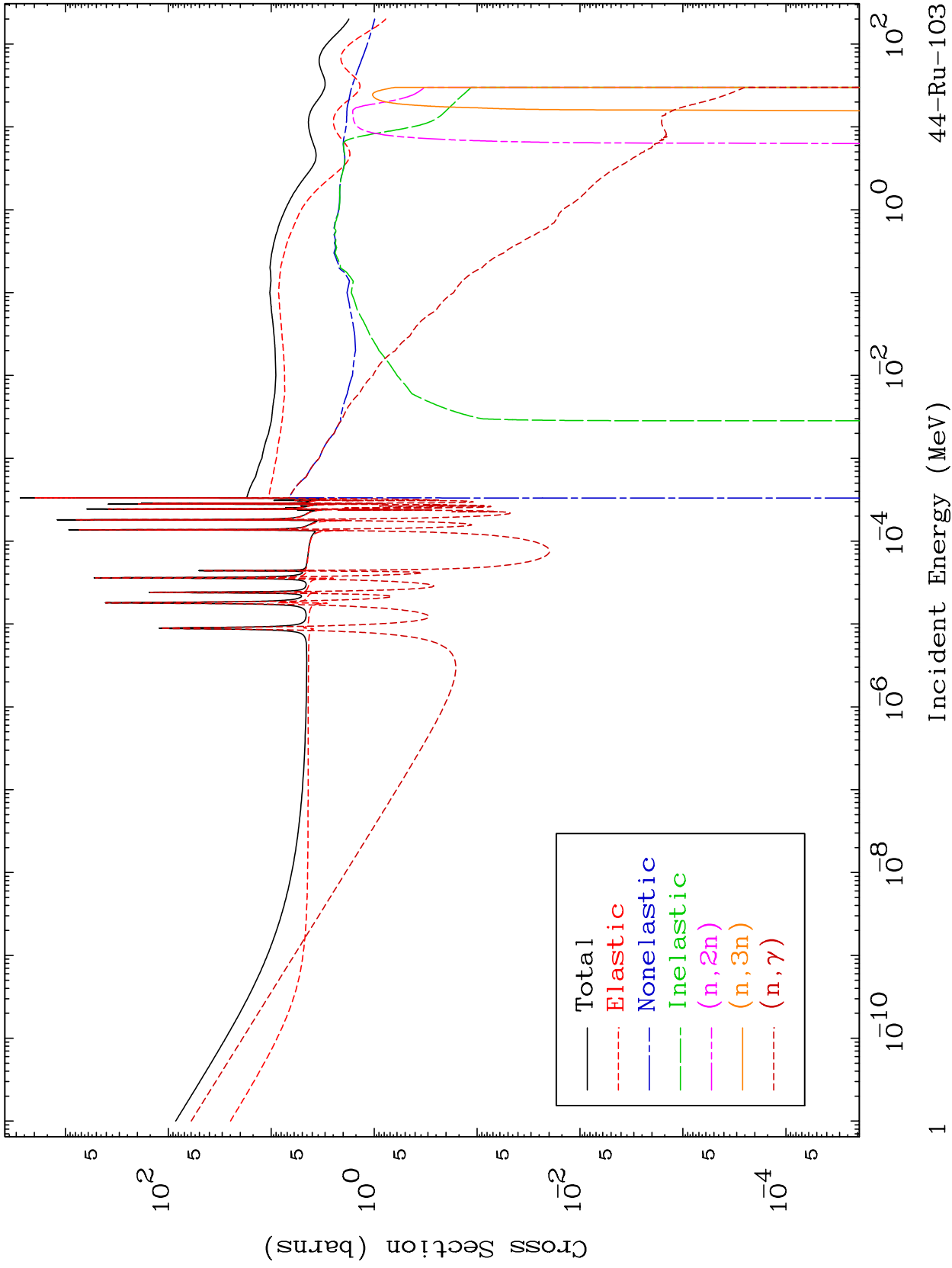
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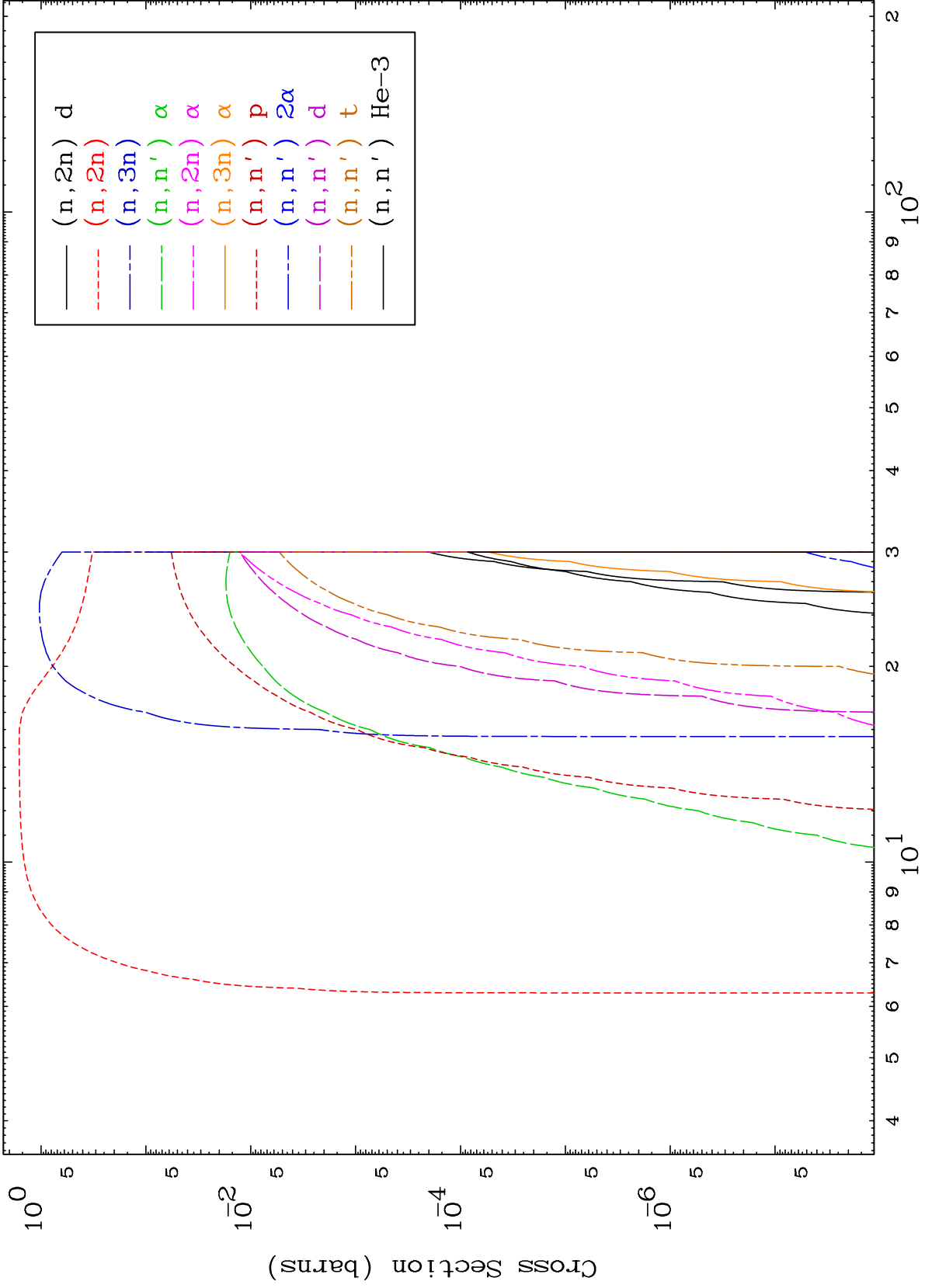
Press Mouse Button to Start

MAT 4446

Neutron Major  
293 Kelvin Cross Sections

44-Ru-103

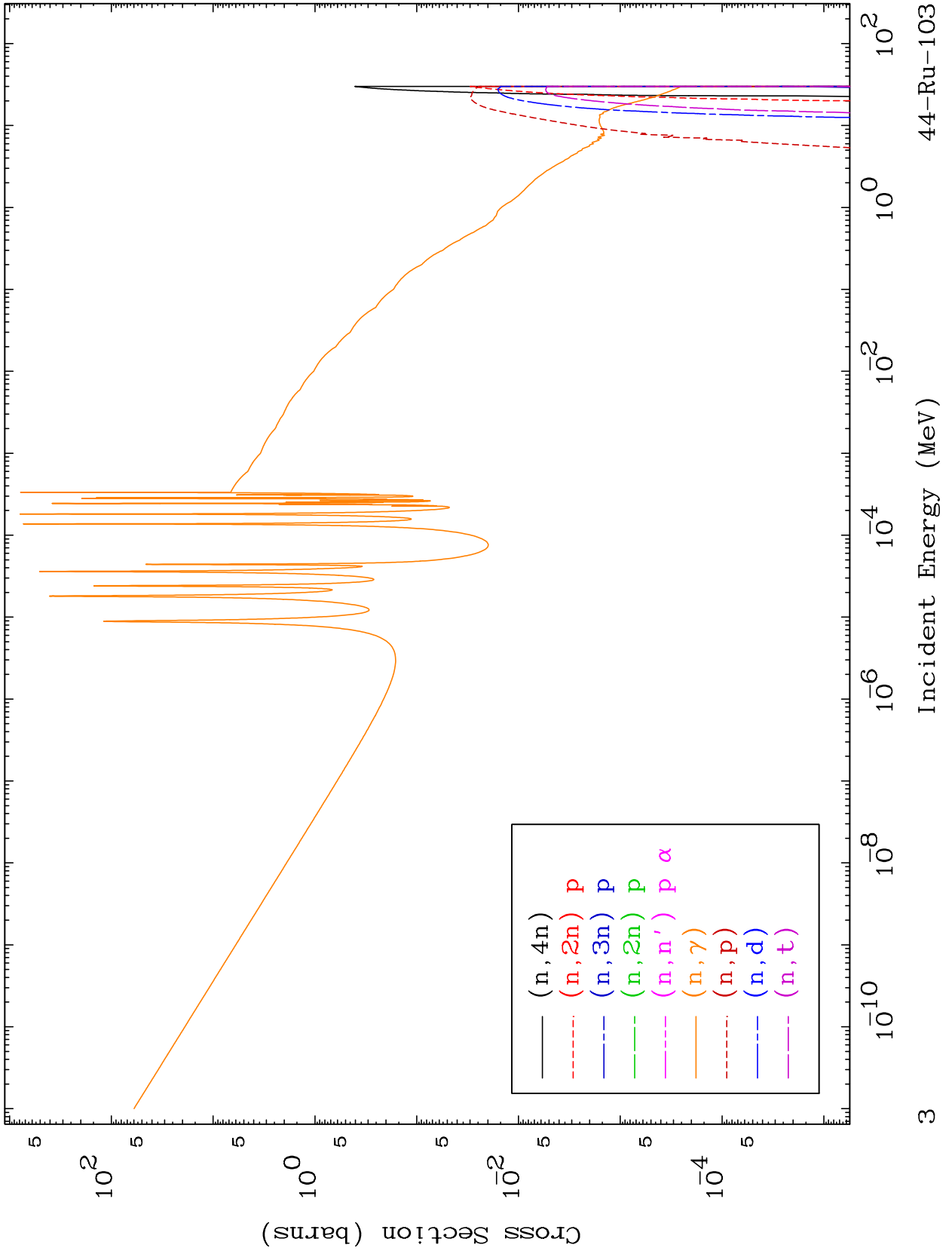




MAT 4446

Neutron Absorption  
293 Kelvin Cross Sections

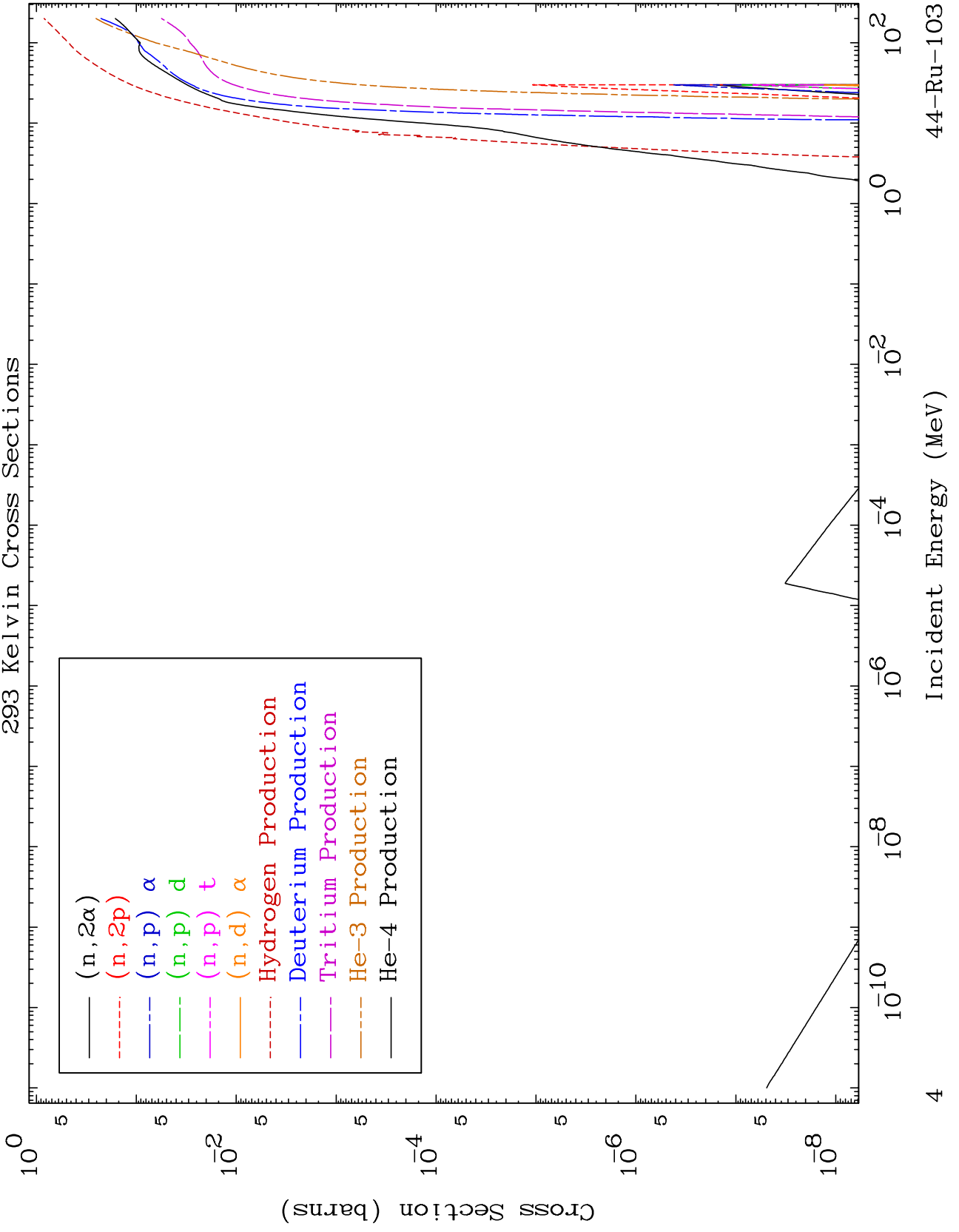
44-Ru-103



MAT 4446

Neutron Absorption  
293 Kelvin Cross Sections

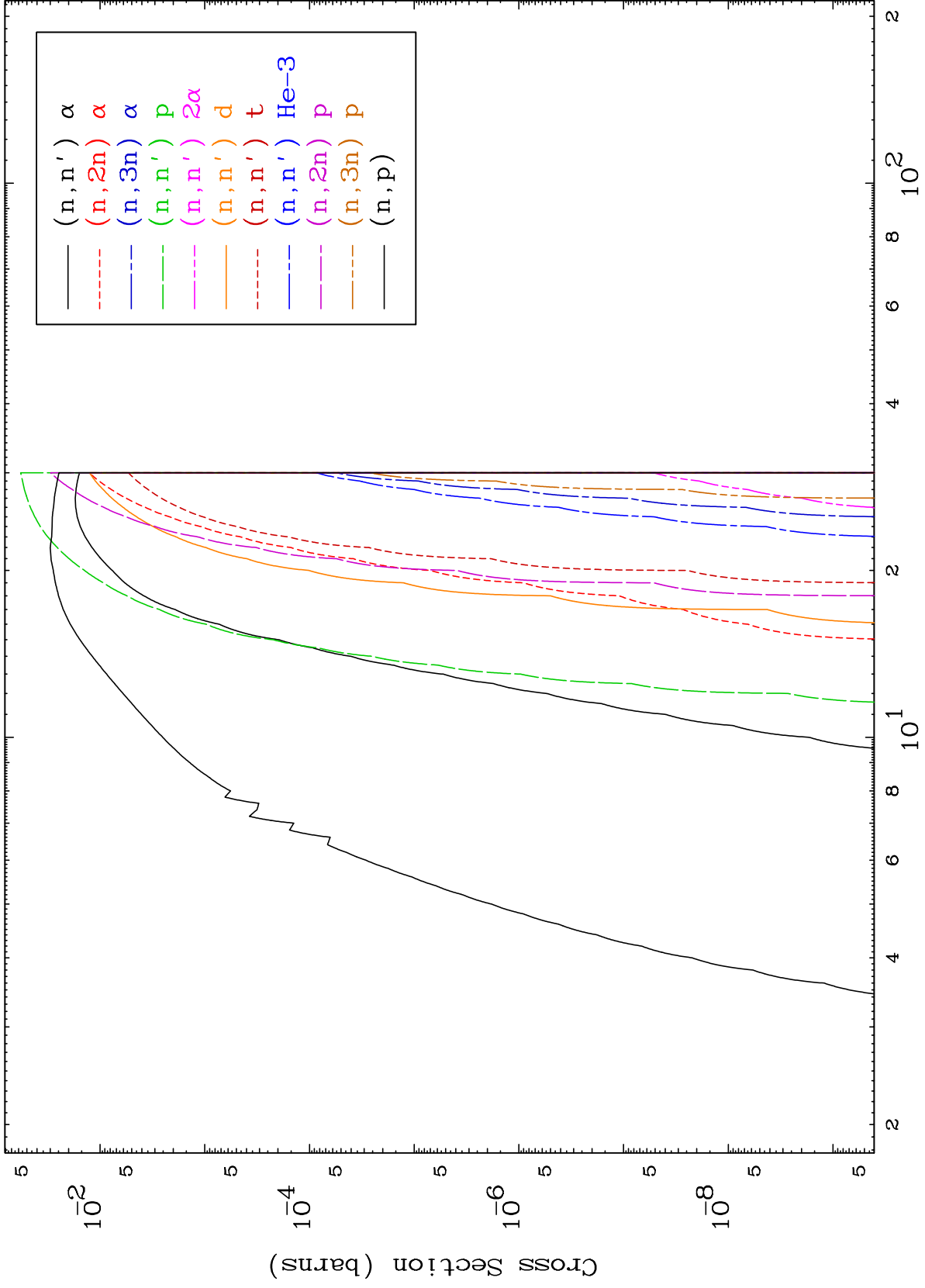
44-Ru-103



MAT 4446

Charged Particle  
293 Kelvin Cross Sections

44-Ru-103



5

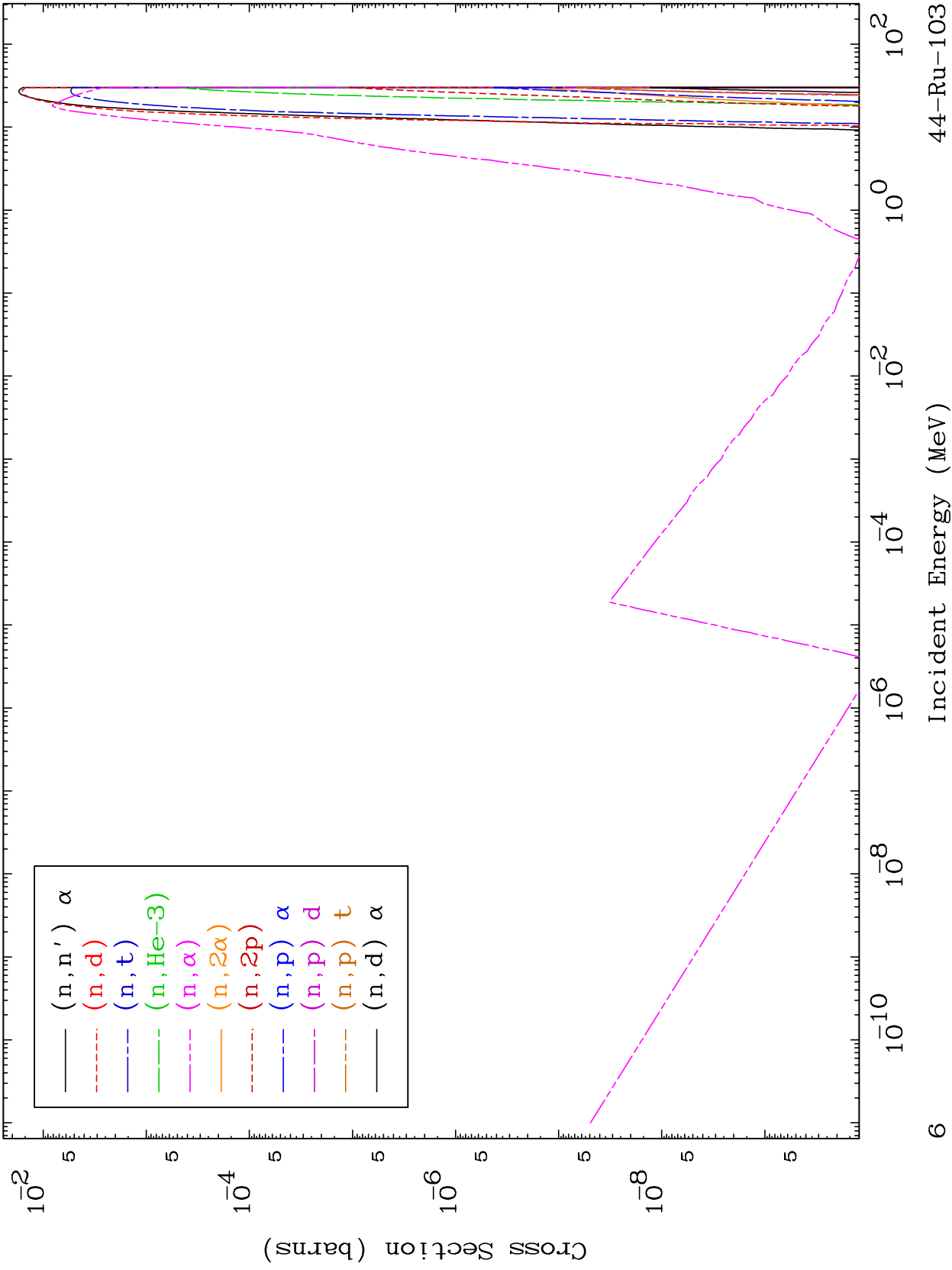
Incident Energy (MeV)

44-Ru-103

MAT 4446

Charged Particle  
293 Kelvin Cross Sections

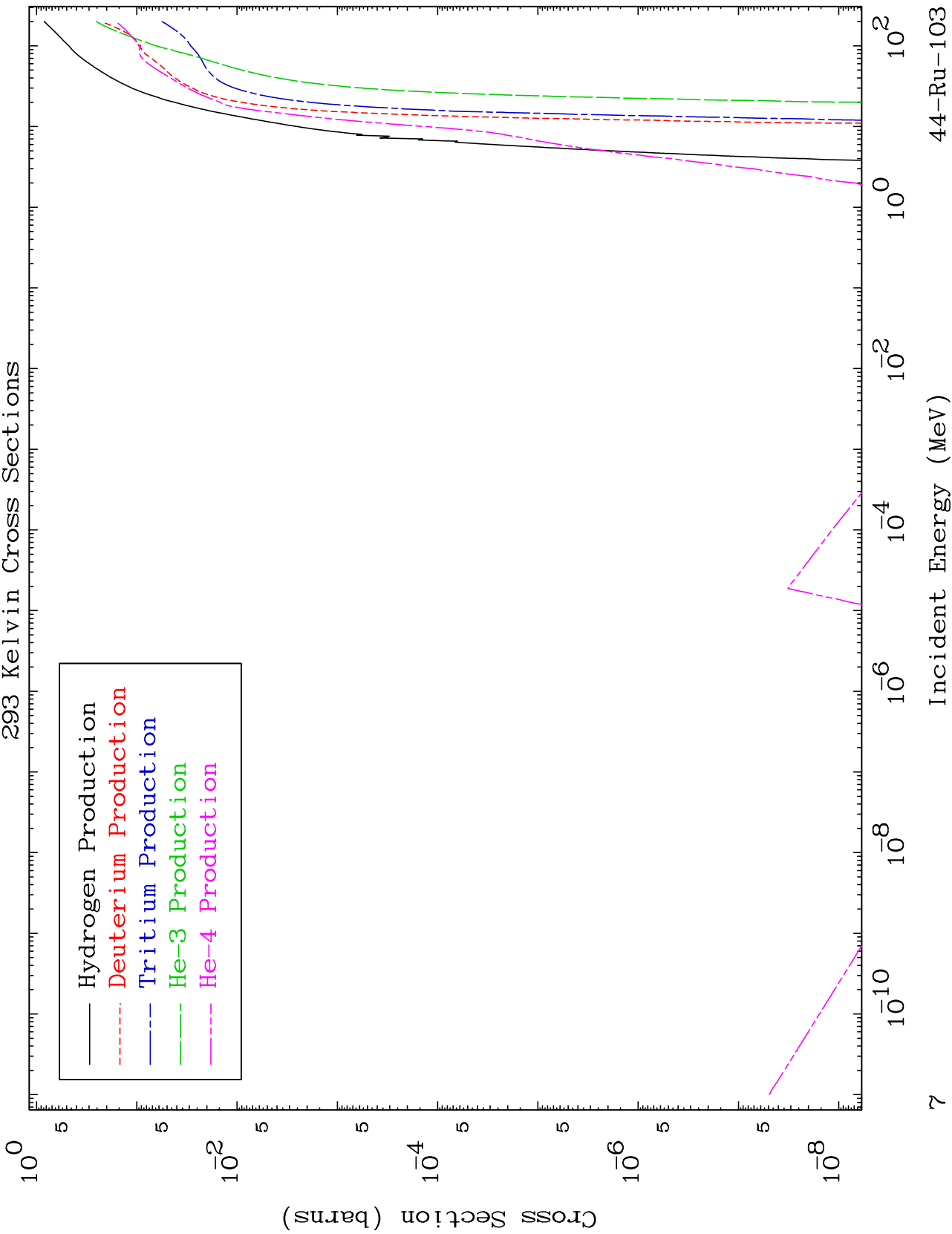
44-Ru-103



MAT 4446

Particle Production  
293 Kelvin Cross Sections

44-Ru-103



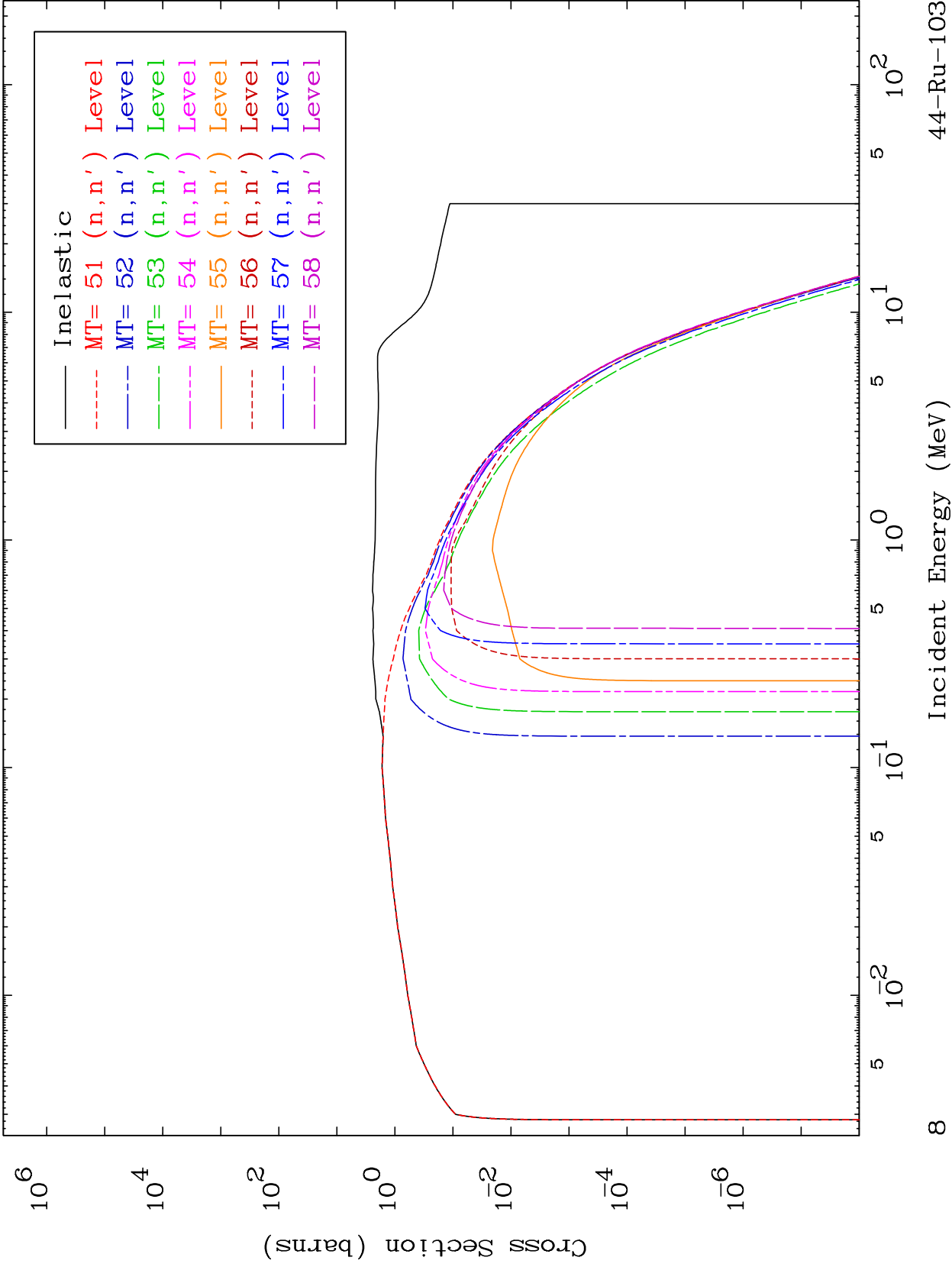


MAT 4446

(n,n') Levels

44-Ru-103

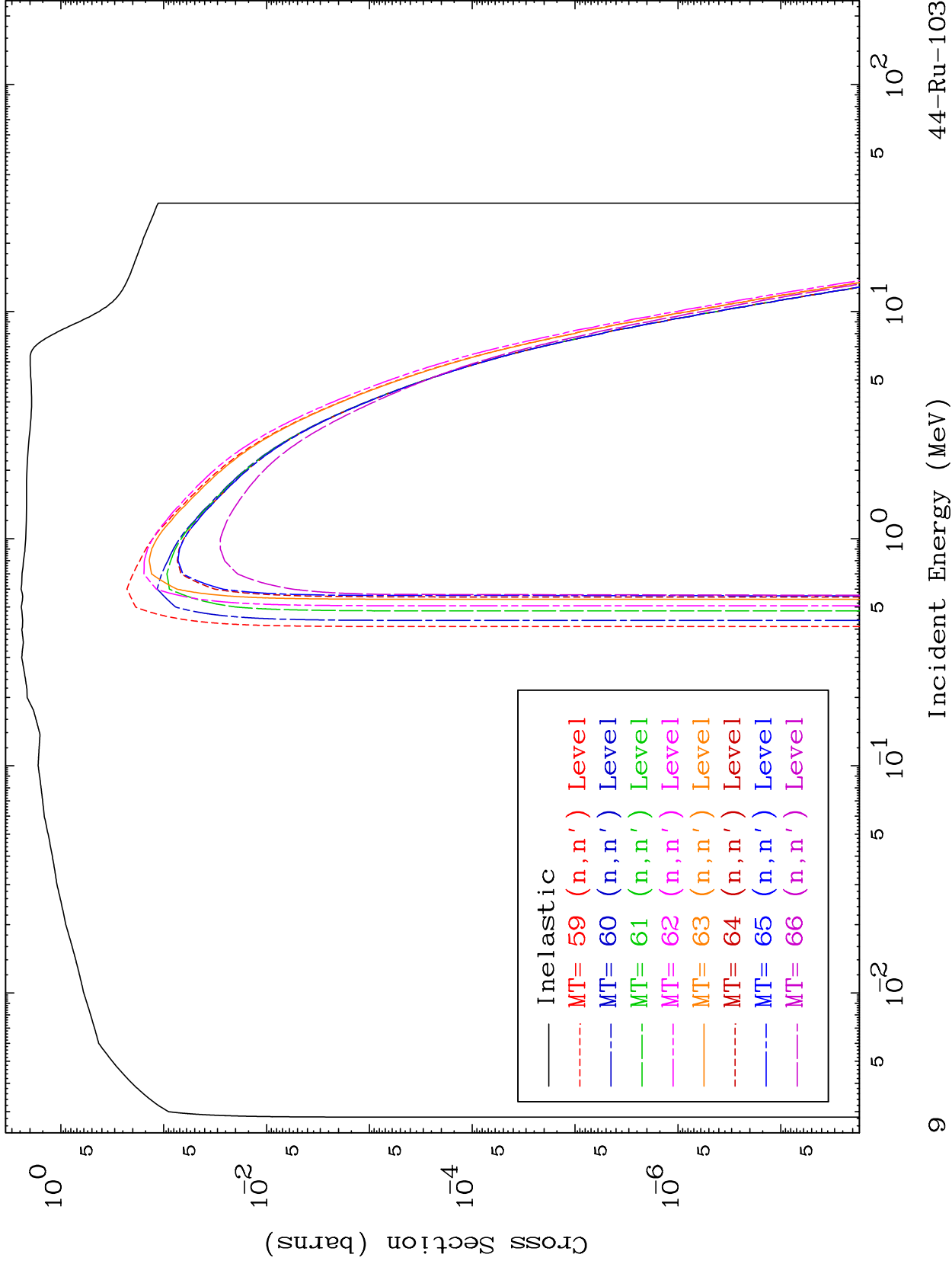
293 Kelvin Cross Sections



MAT 4446

(n, n') Levels  
293 Kelvin Cross Sections

44-Ru-103

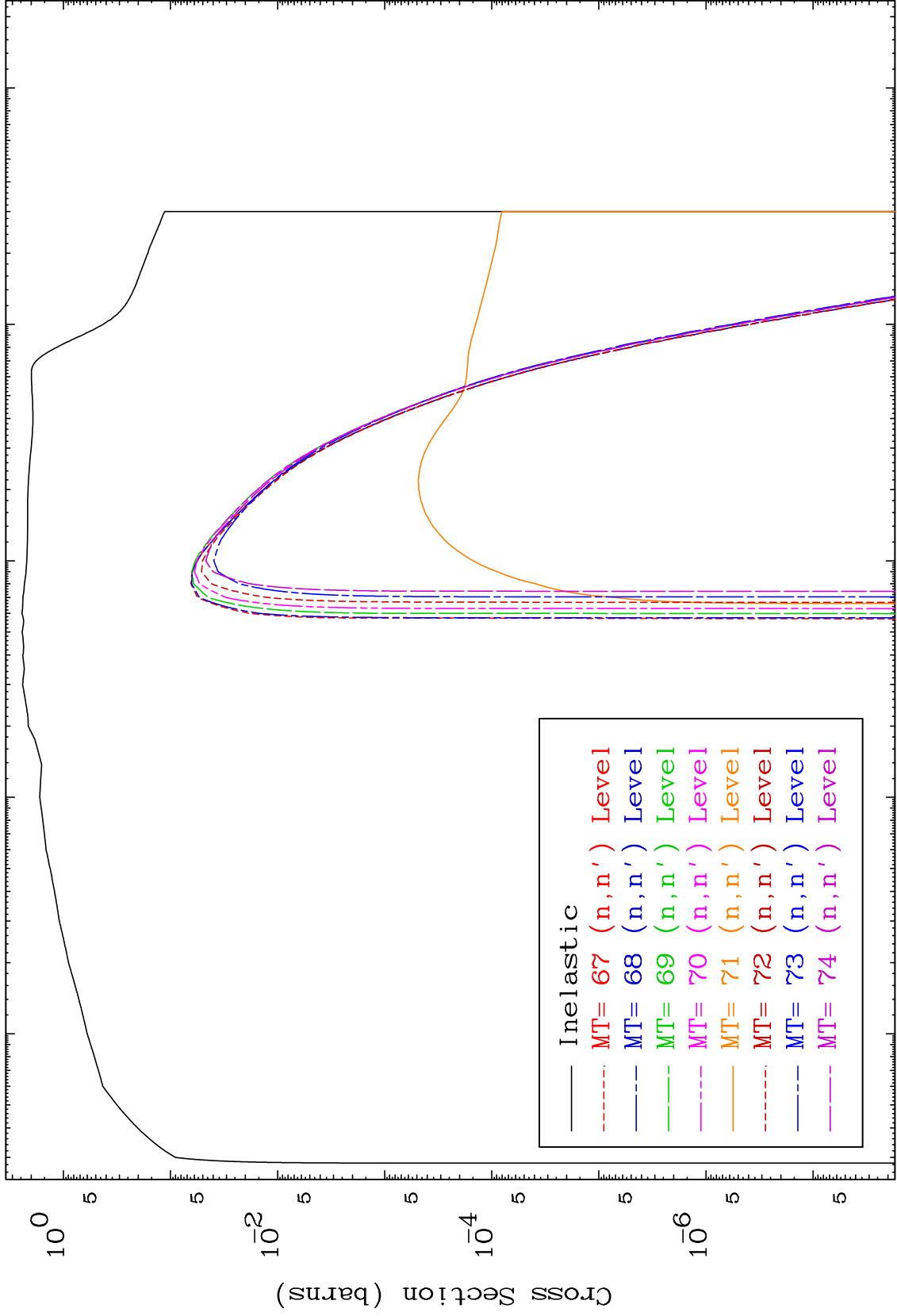


MAT 4446

(n,n') Levels

44-Ru-103

293 Kelvin Cross Sections



10

Incident Energy (MeV)

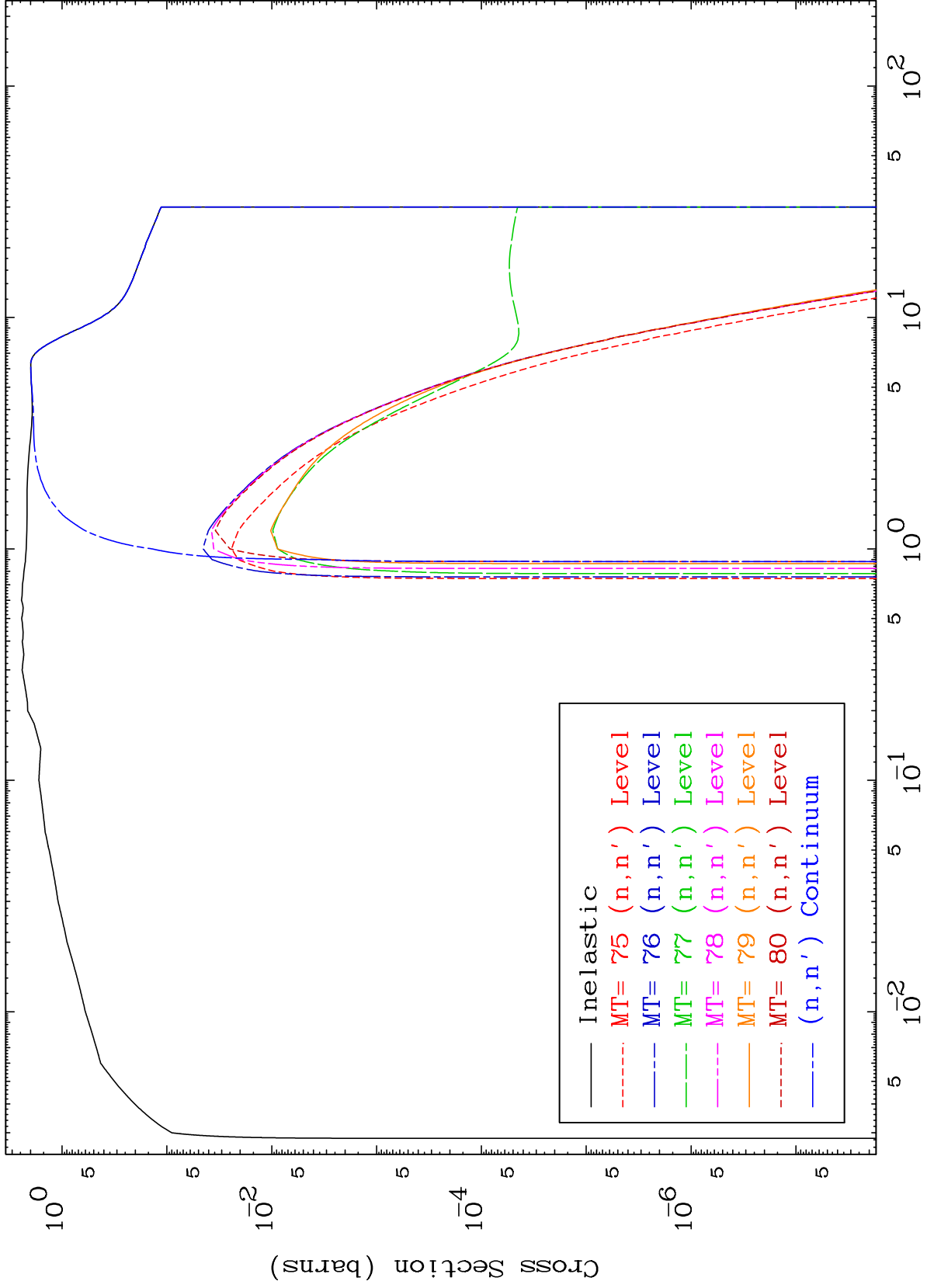
44-Ru-103

MAT 4446

(n,n') Levels

44-Ru-103

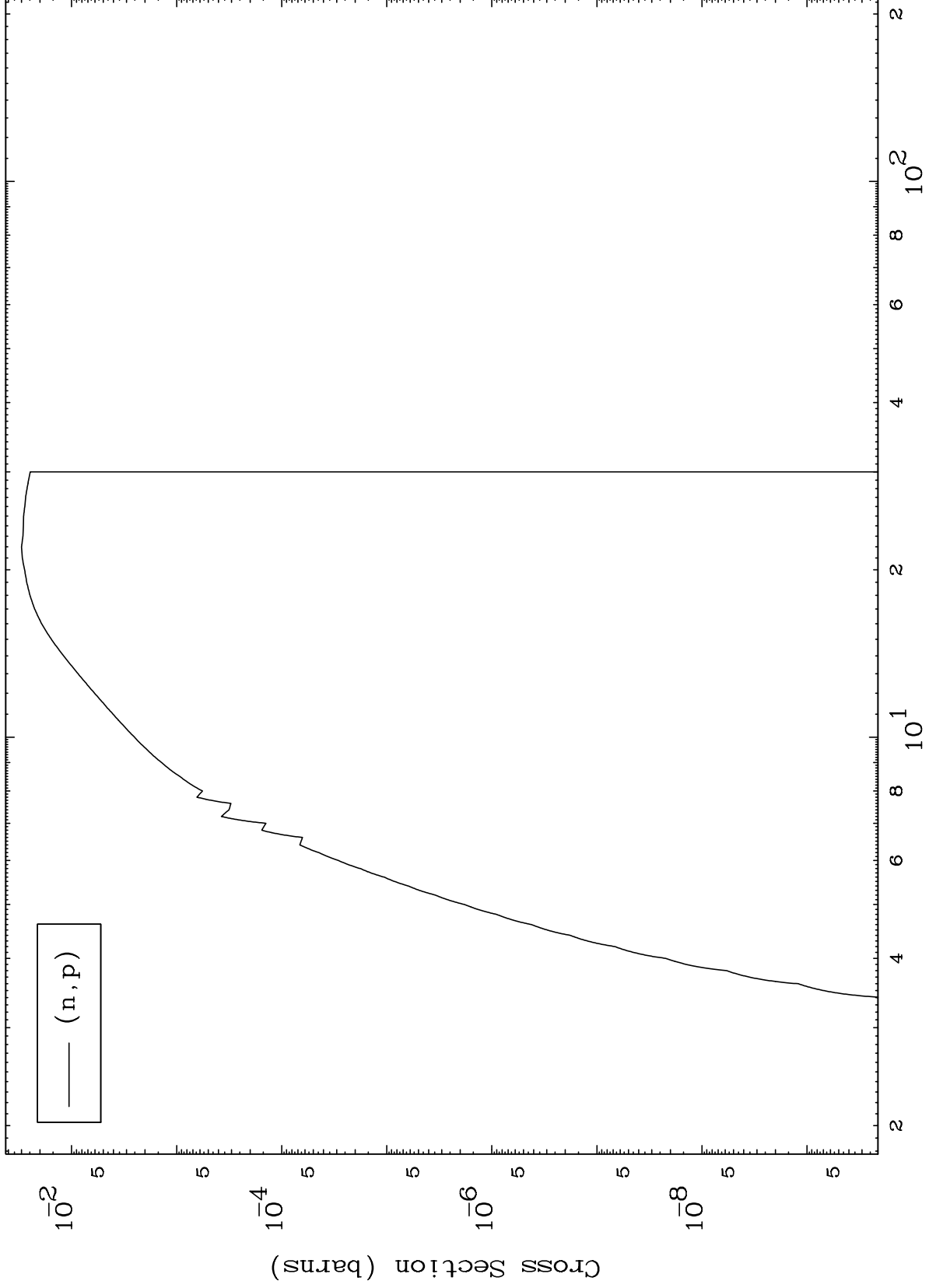
293 Kelvin Cross Sections



MAT 4446

(n,p) Levels  
293 Kelvin Cross Sections

44-Ru-103



12

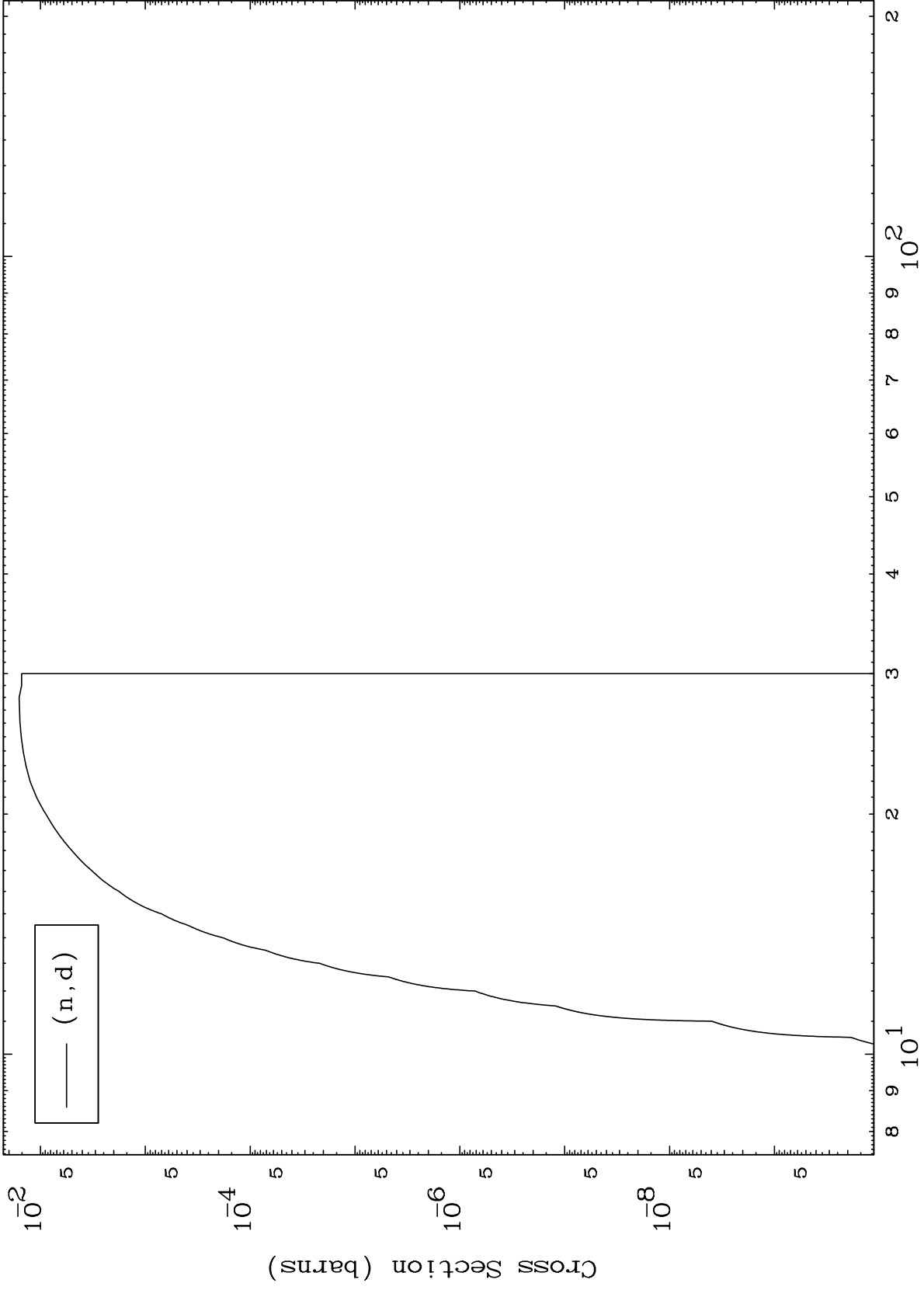
Incident Energy (MeV)

44-Ru-103

MAT 4446

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-103



13

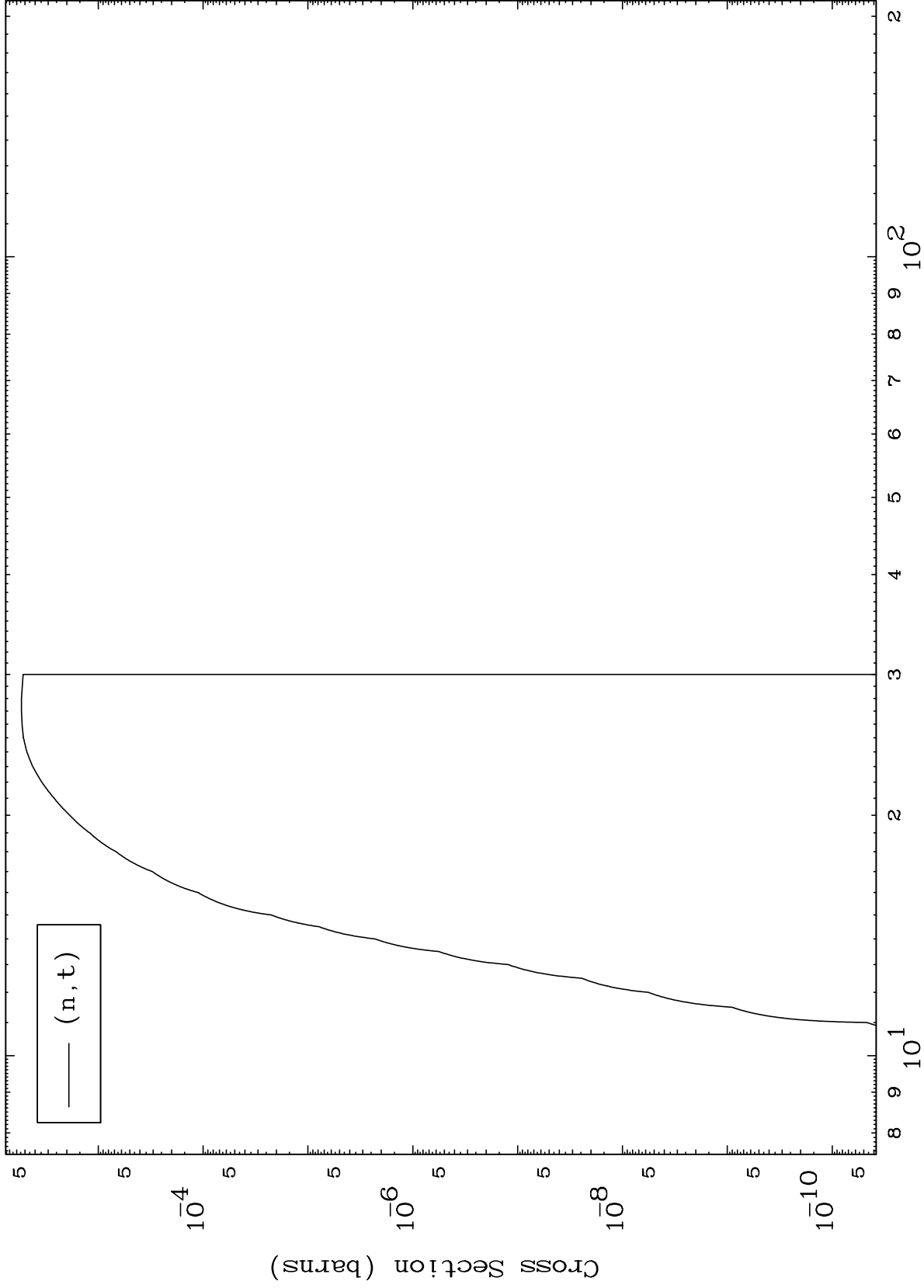
Incident Energy (MeV)

44-Ru-103

MAT 4446

(n,t) Levels  
293 Kelvin Cross Sections

44-Ru-103



14

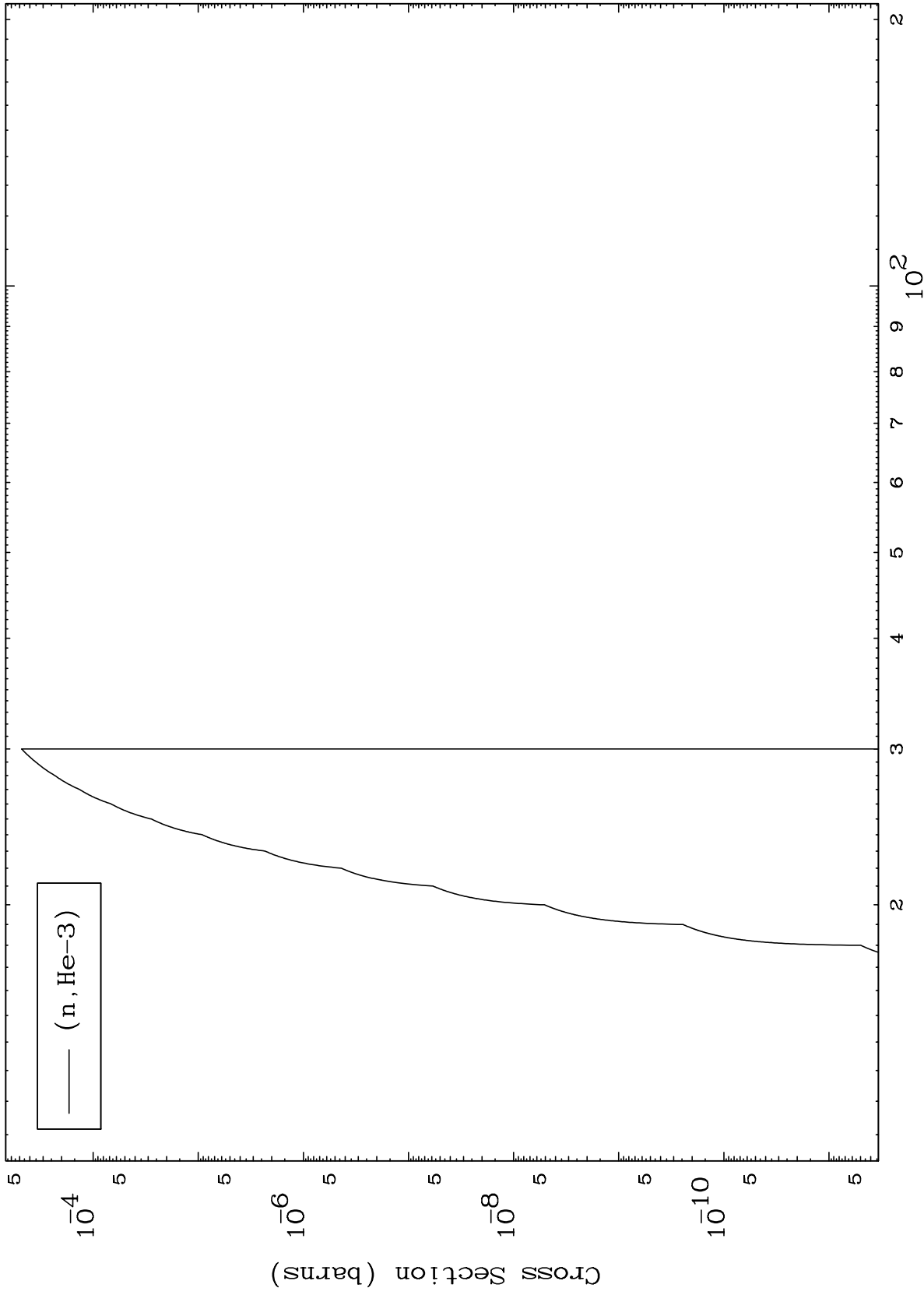
Incident Energy (MeV)

44-Ru-103

MAT 4446

(n,He3) Levels  
293 Kelvin Cross Sections

44-Ru-103



15

Incident Energy (MeV)

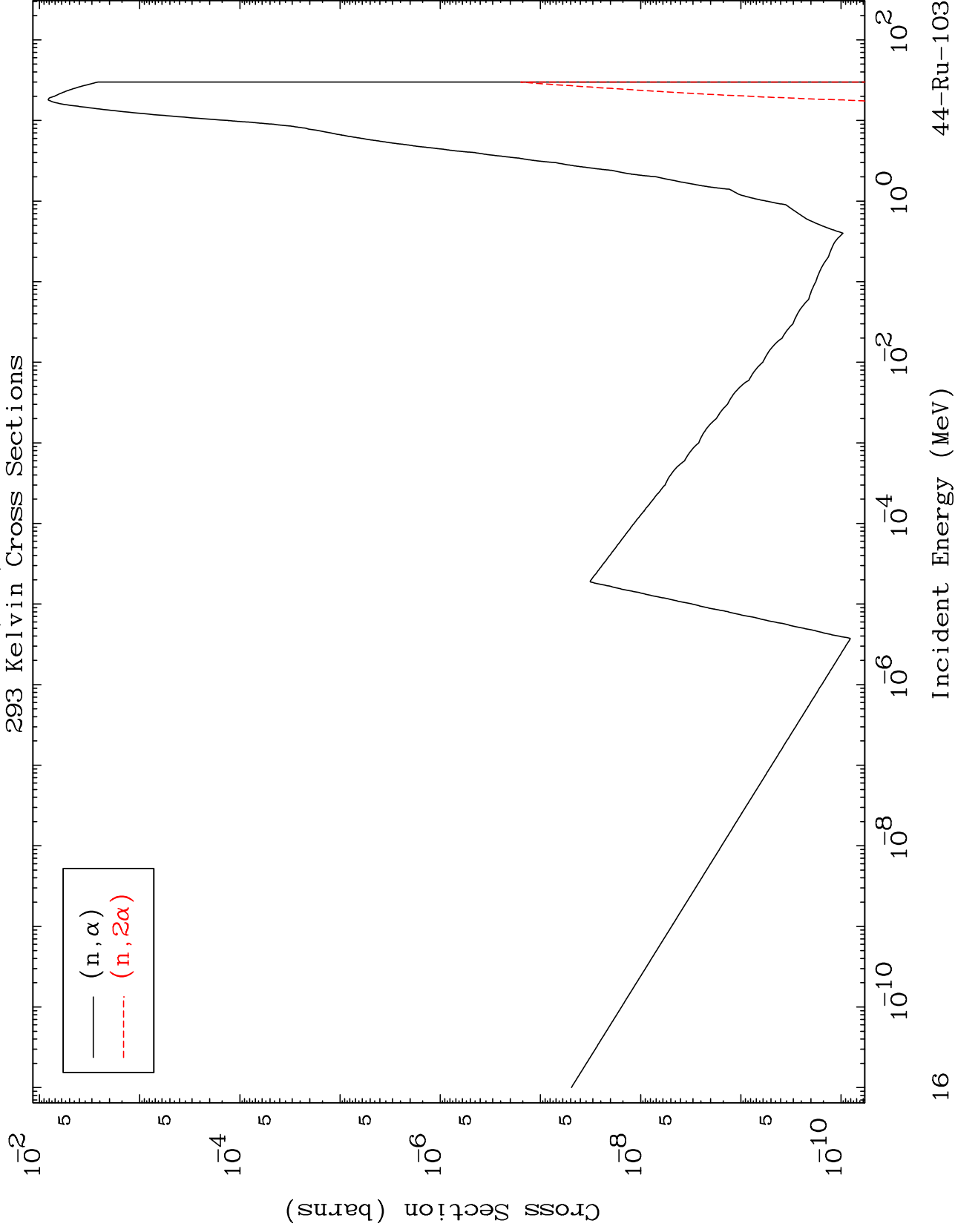
44-Ru-103



MAT 4446

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

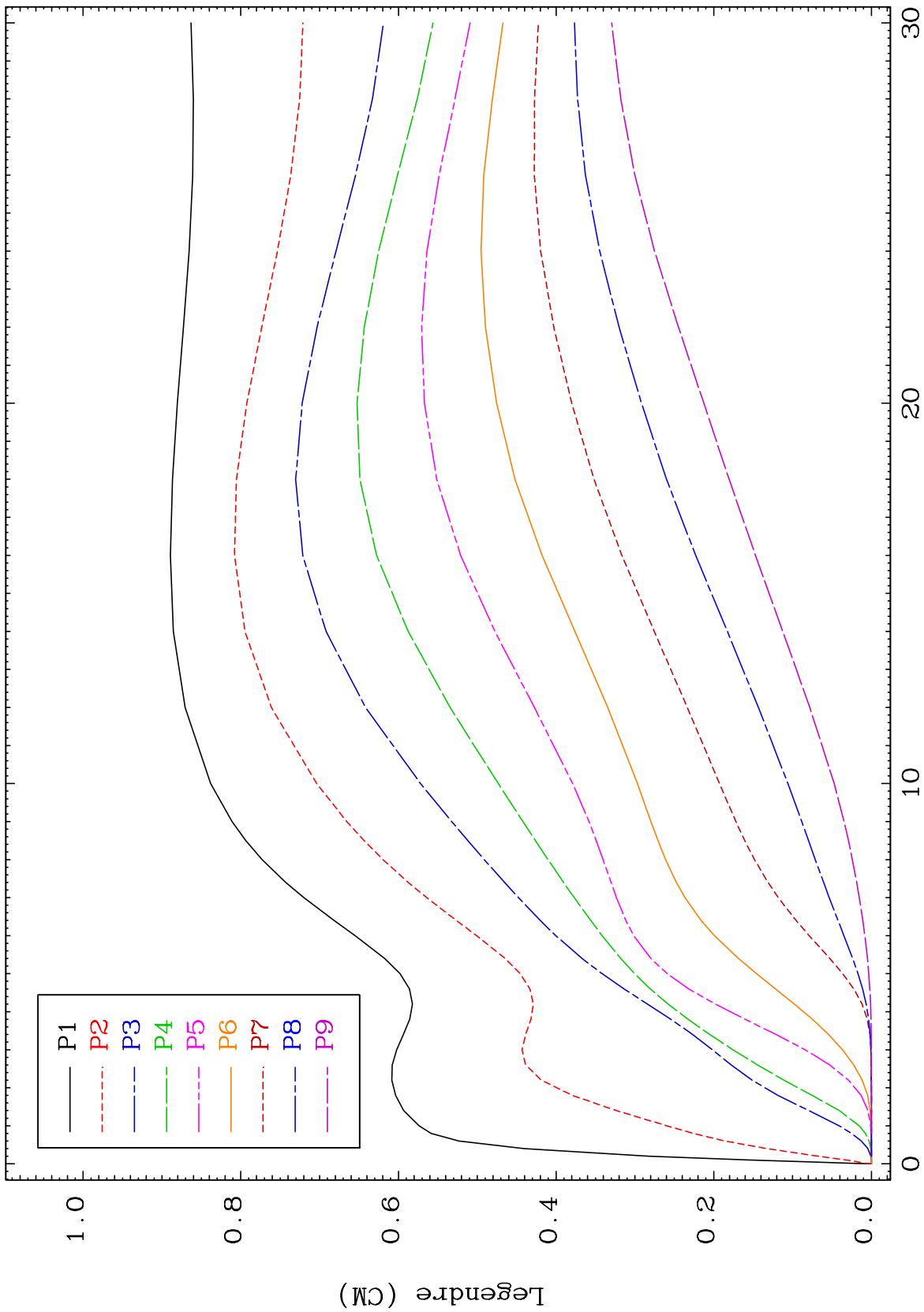
44-Ru-103



MAT 4446

Elastic Legendre Coefficients

44-Ru-103



17

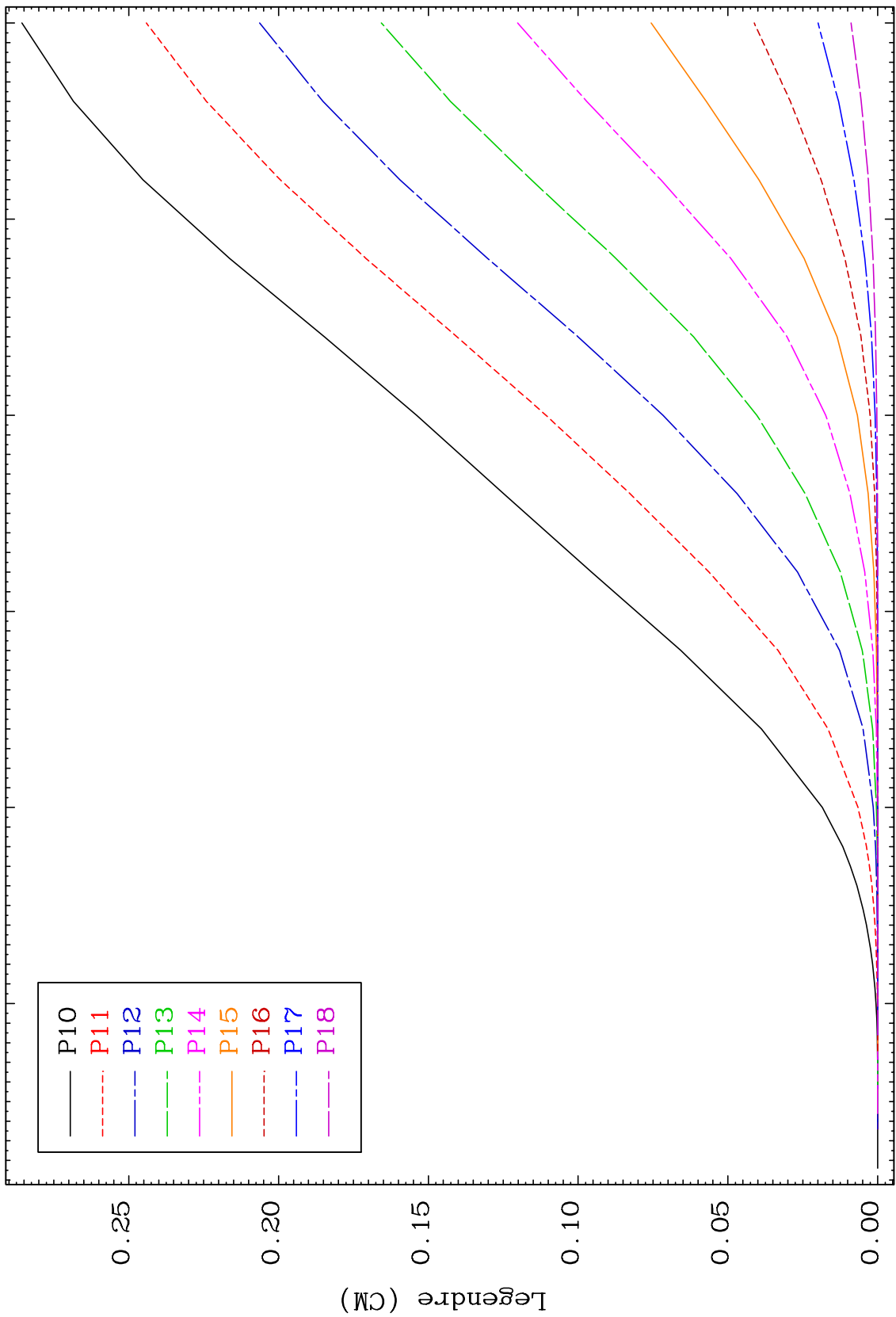
Incident Energy (MeV)

44-Ru-103

MAT 4446

Elastic Legendre Coefficients

44-Ru-103



18

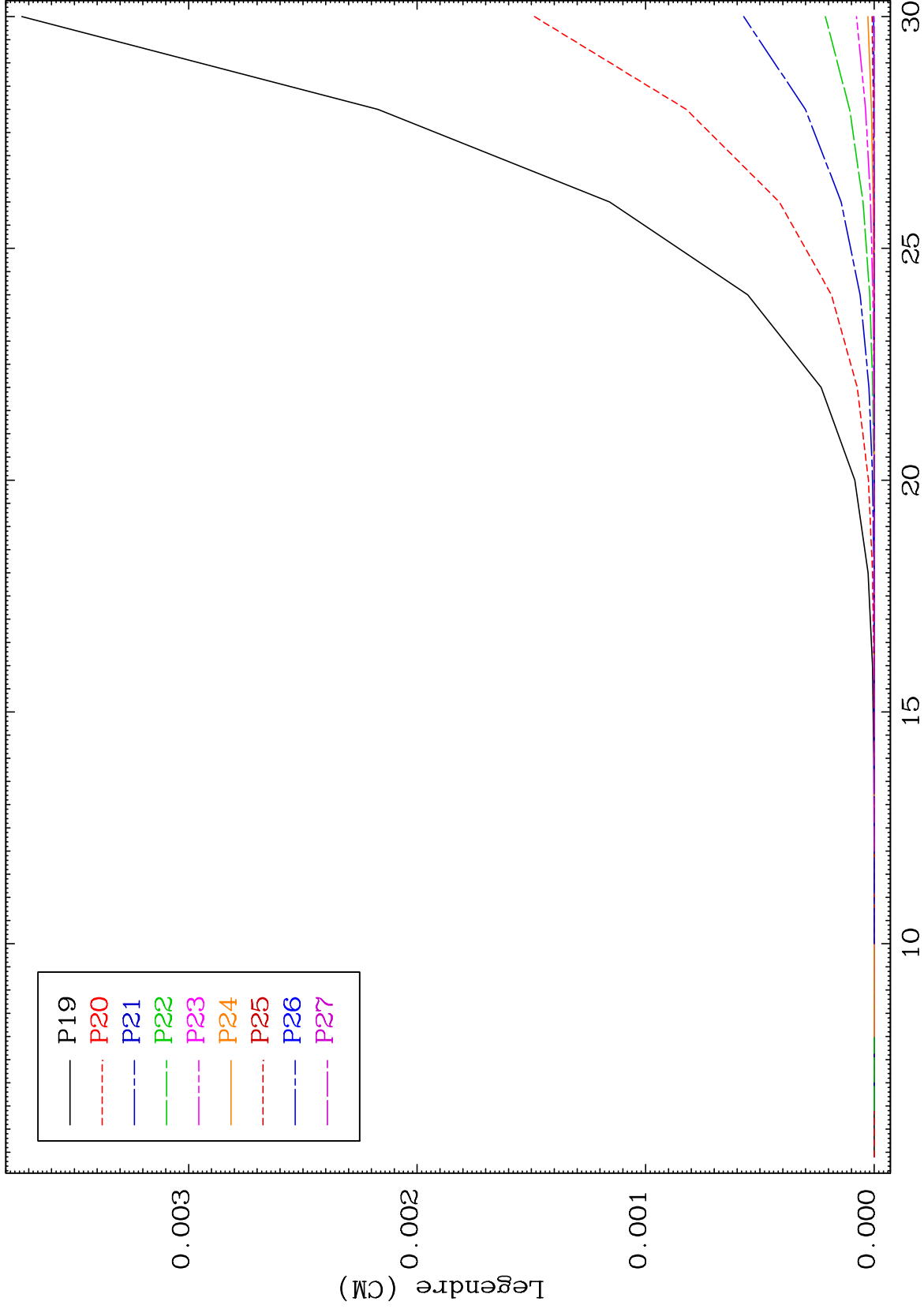
Incident Energy (MeV)

44-Ru-103

MAT 4446

### Elastic Legendre Coefficients

44-Ru-103



19

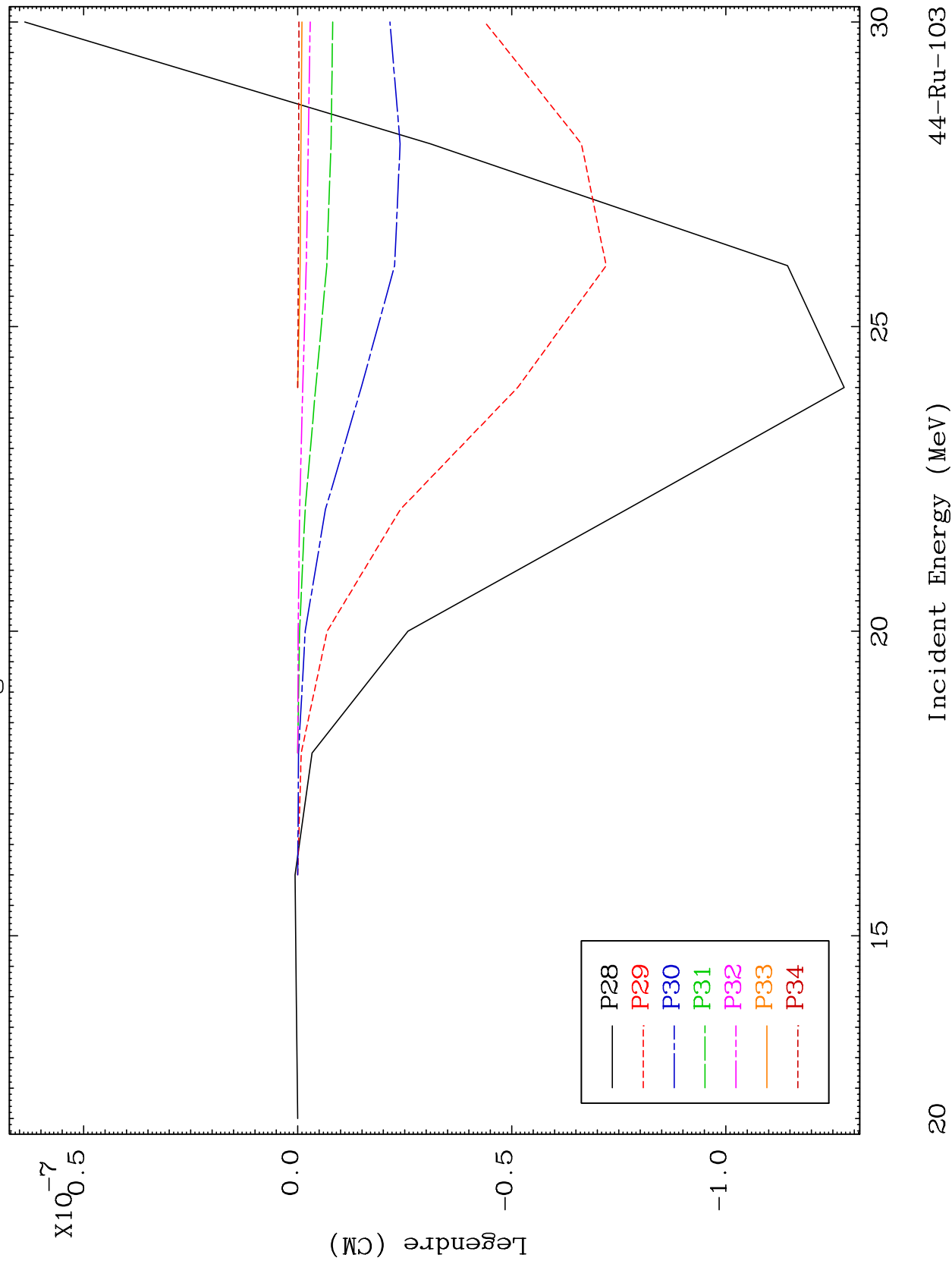
Incident Energy (MeV)

44-Ru-103

MAT 4446

Elastic  
Legendre Coefficients

44-Ru-103



20

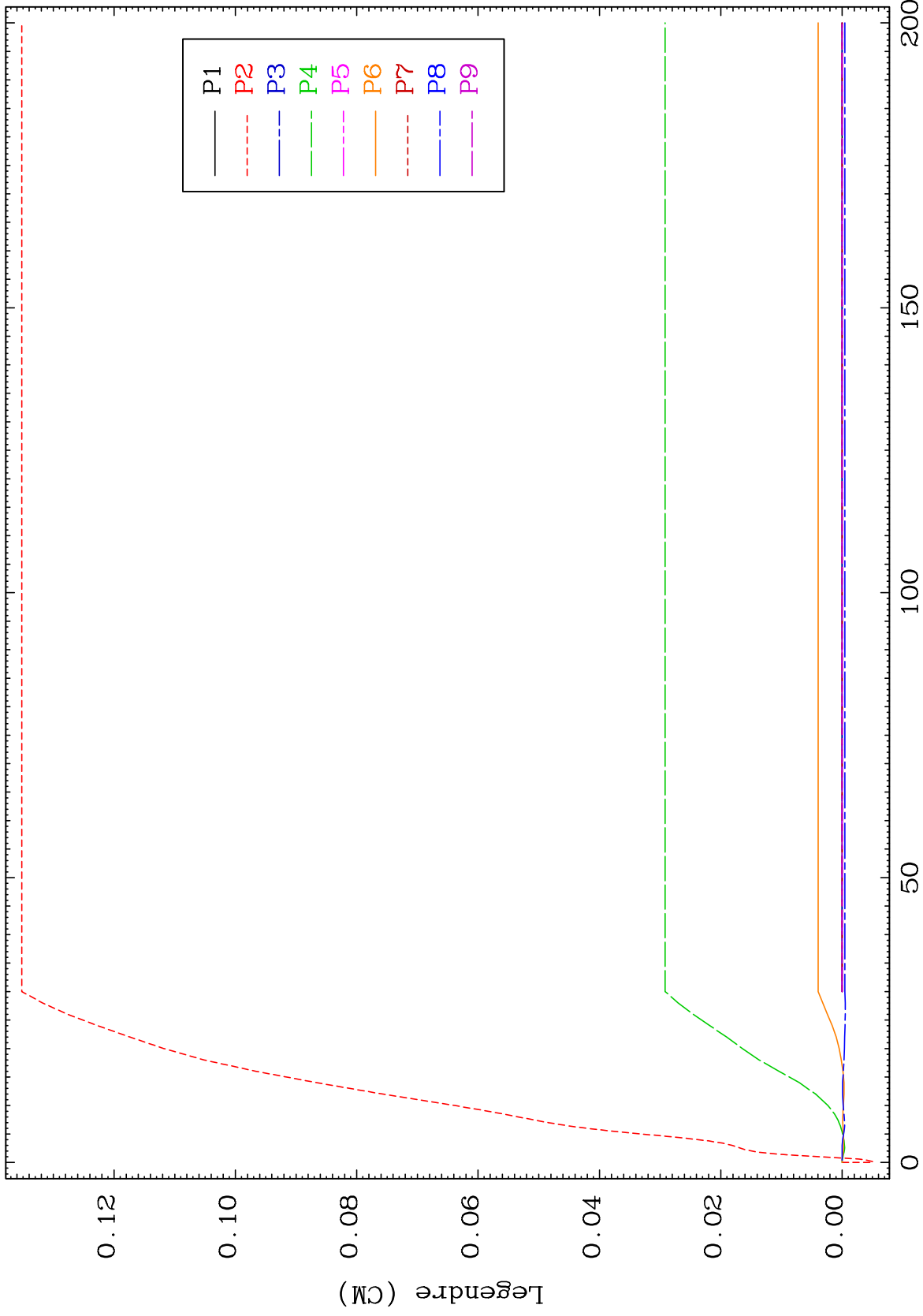
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



21

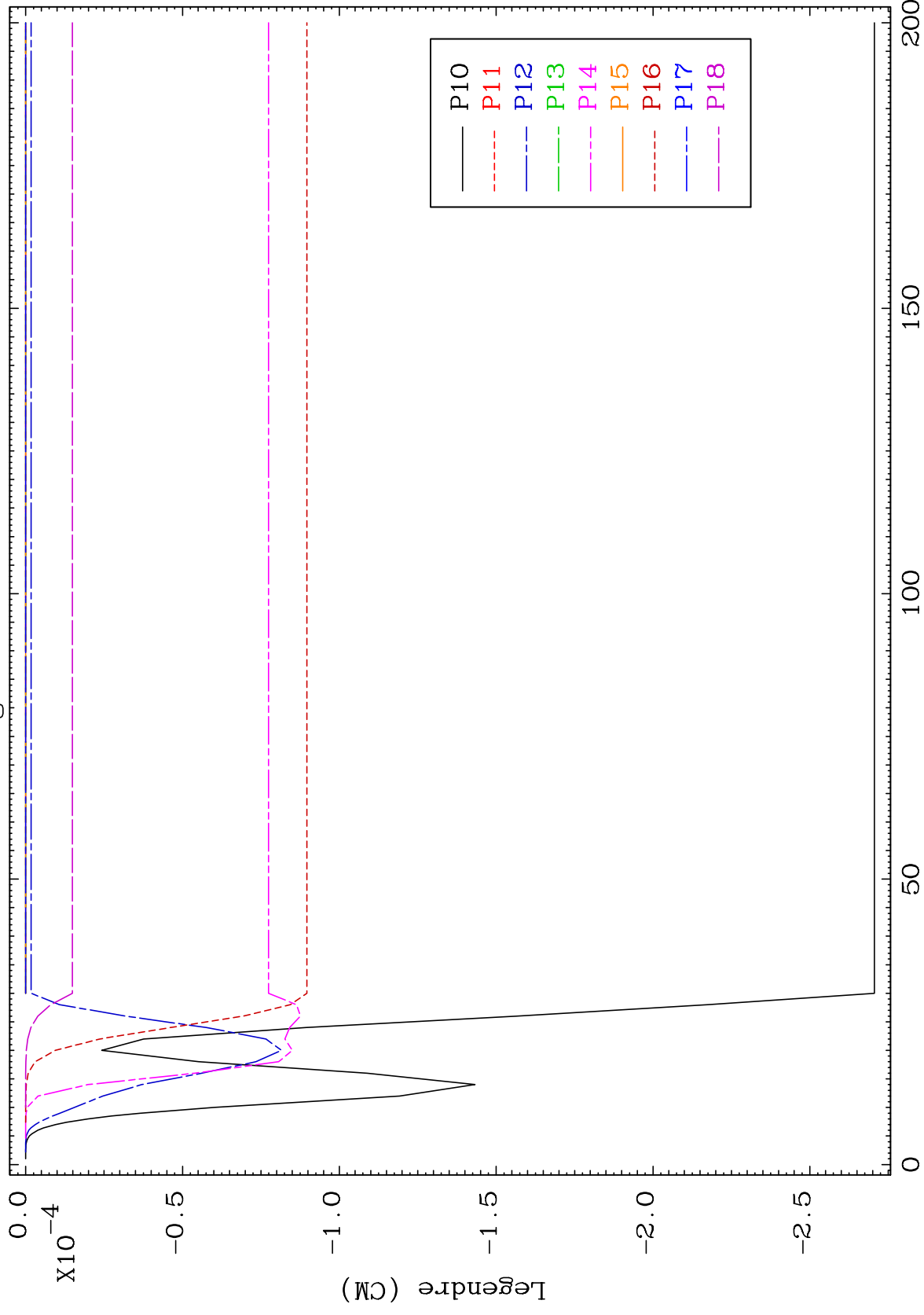
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



22

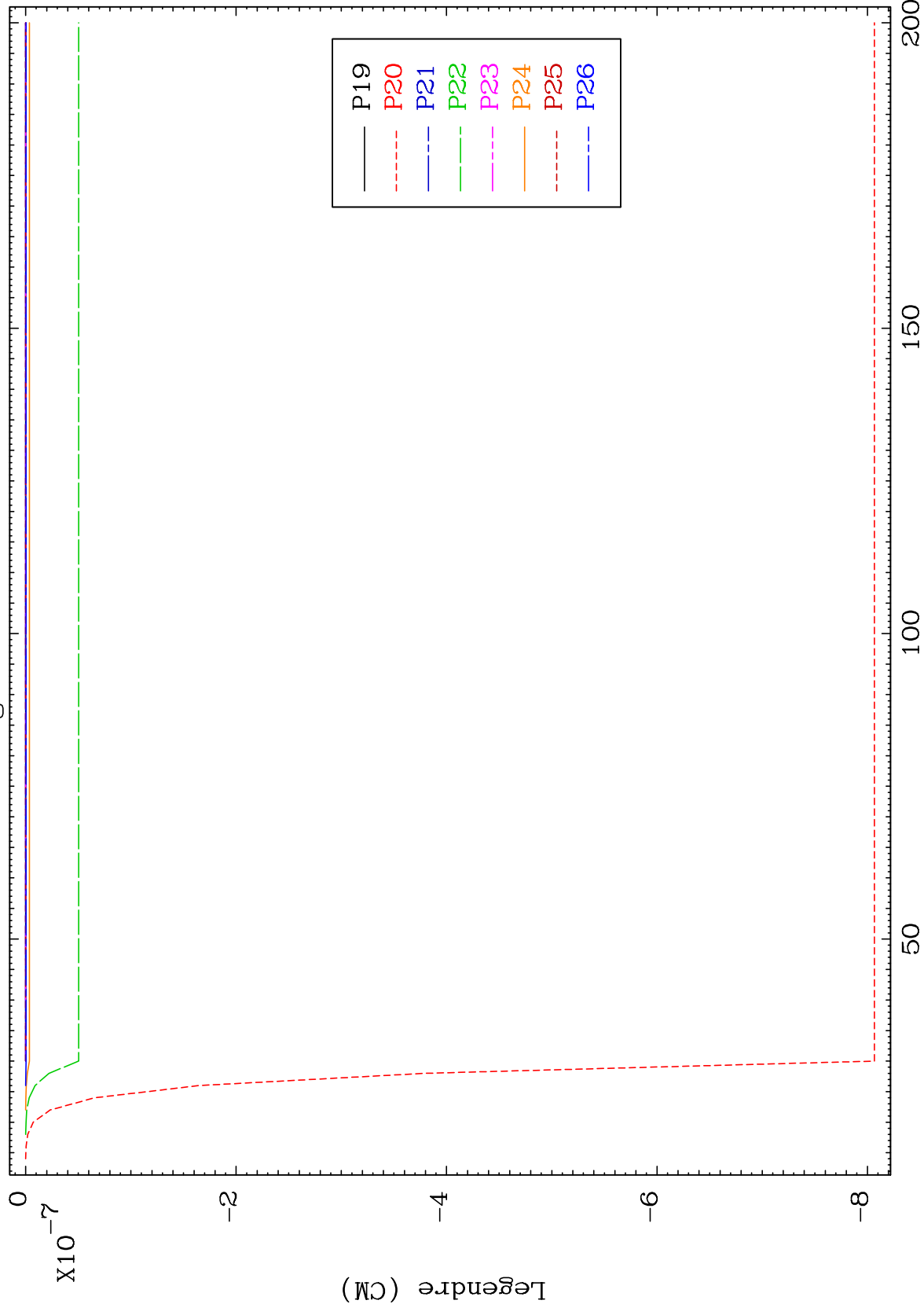
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103

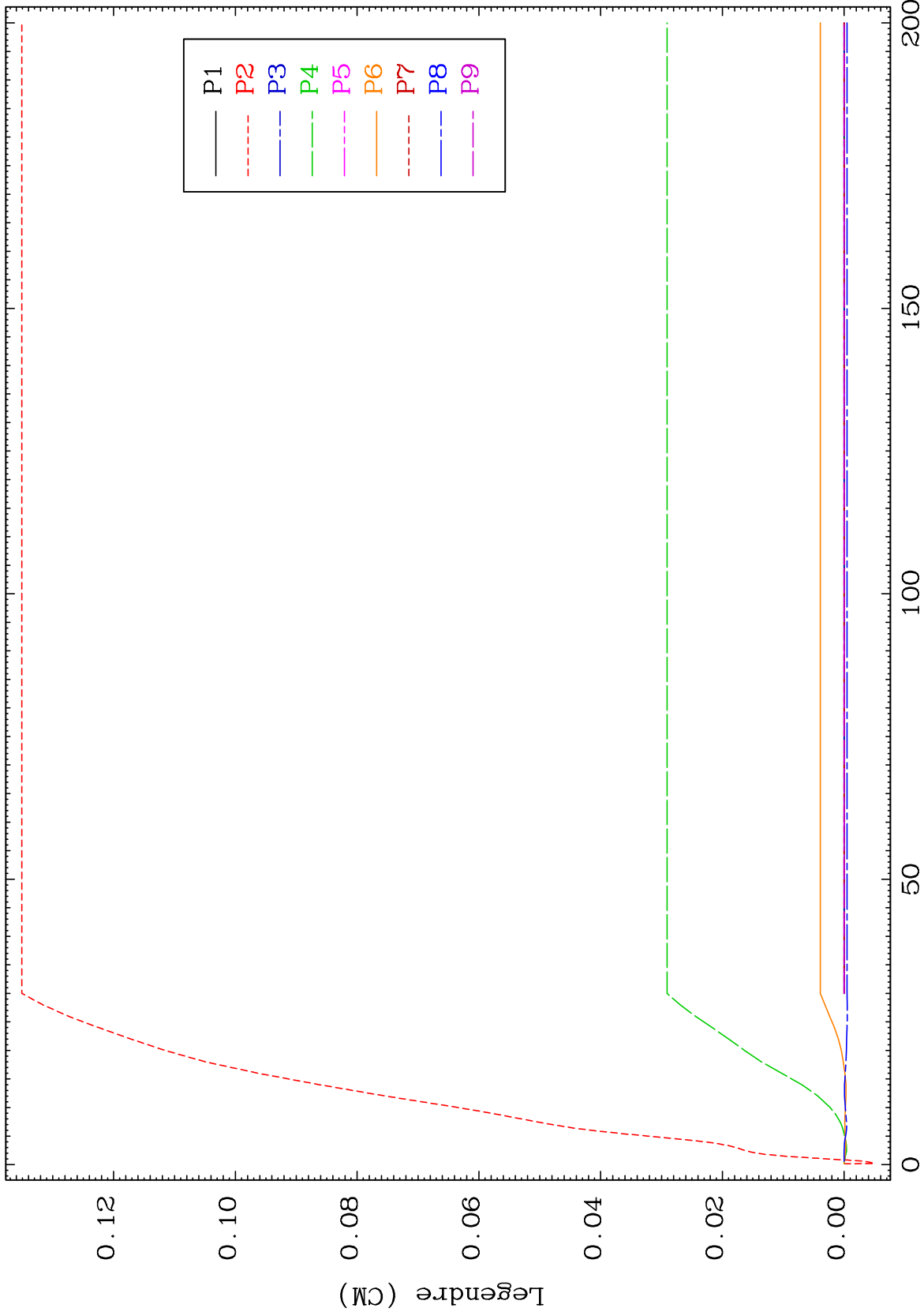




MAT 4446

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

44-Ru-103



24

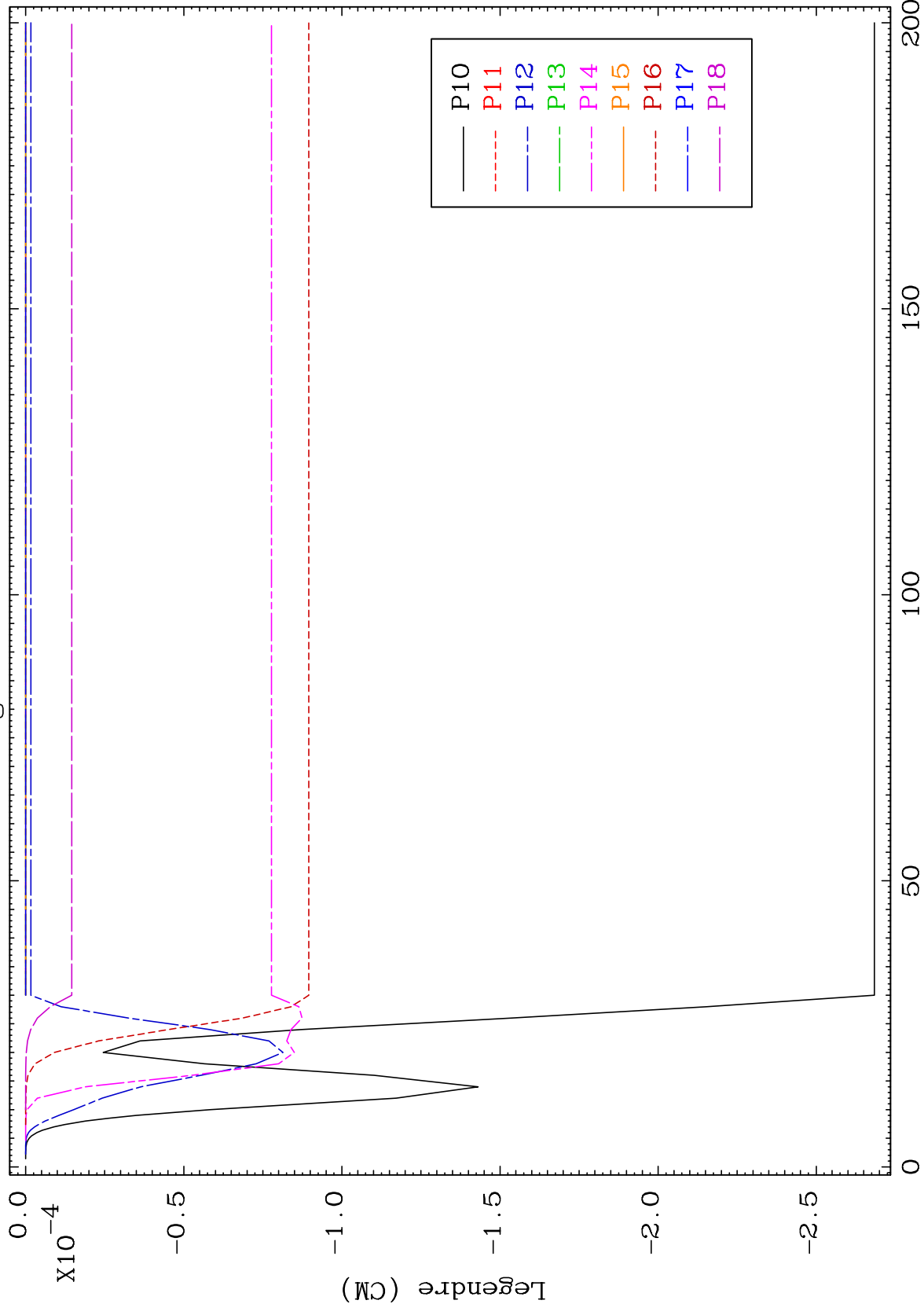
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



25

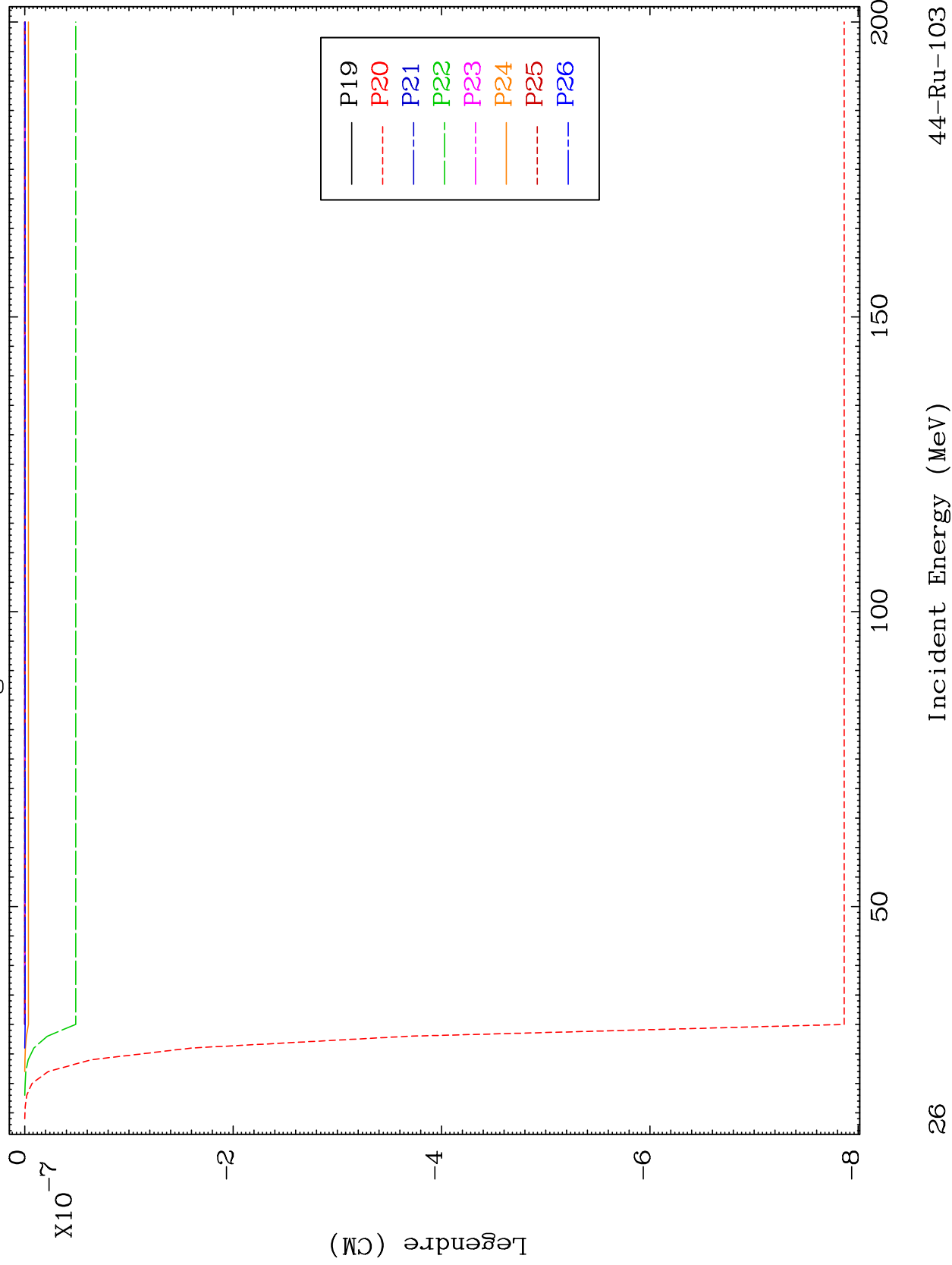
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



26

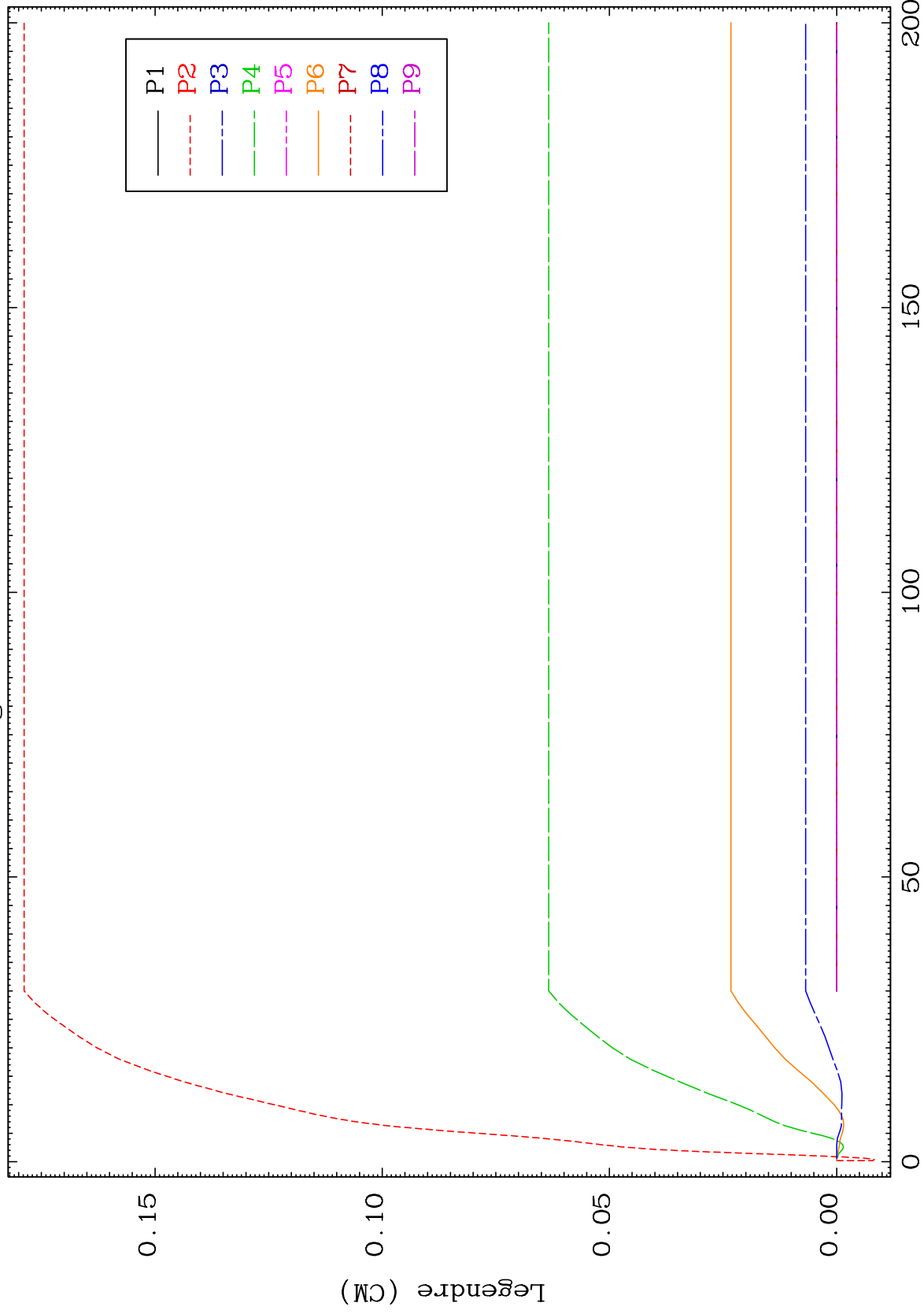
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

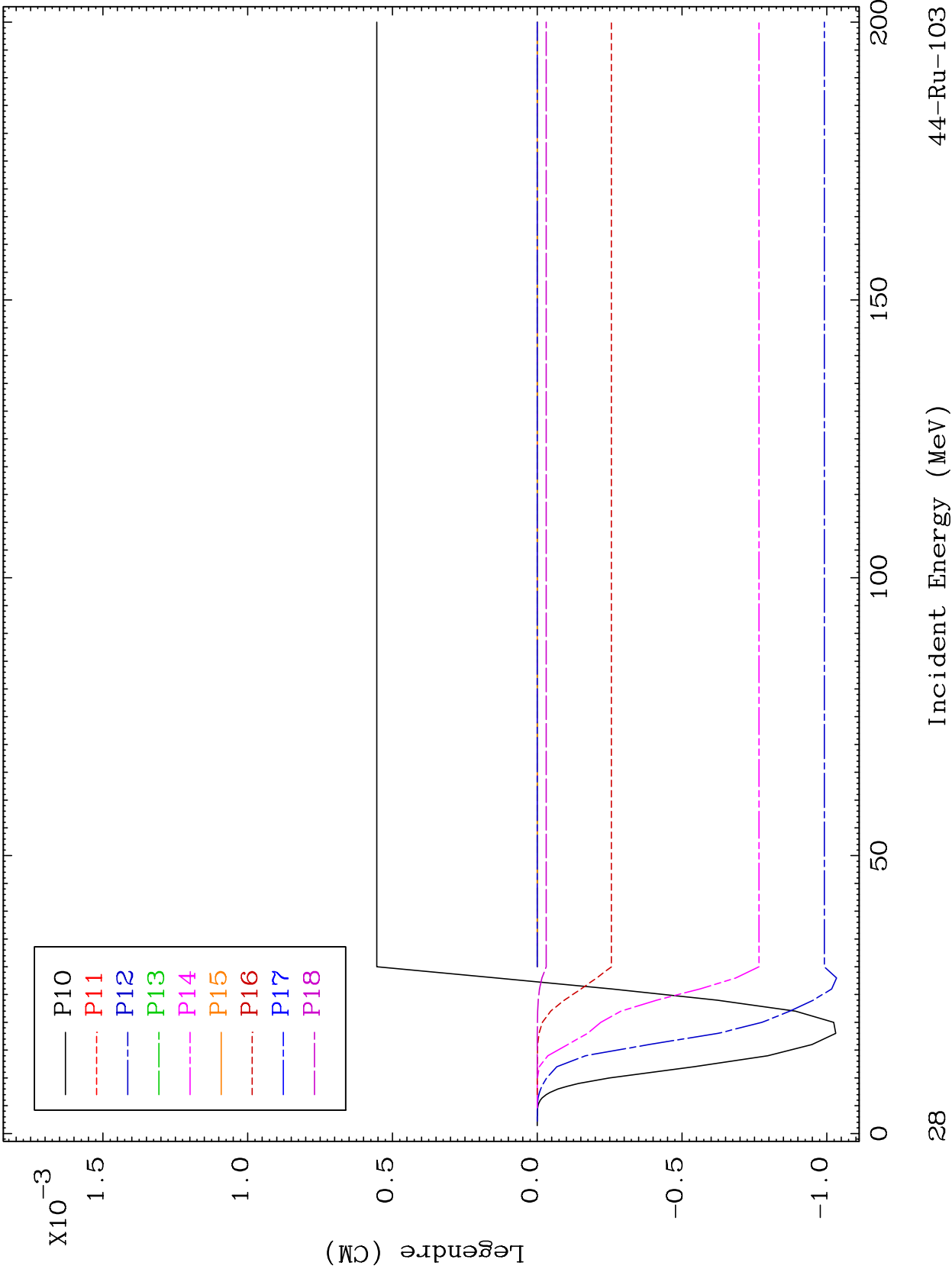
44-Ru-103



27

Incident Energy (MeV)

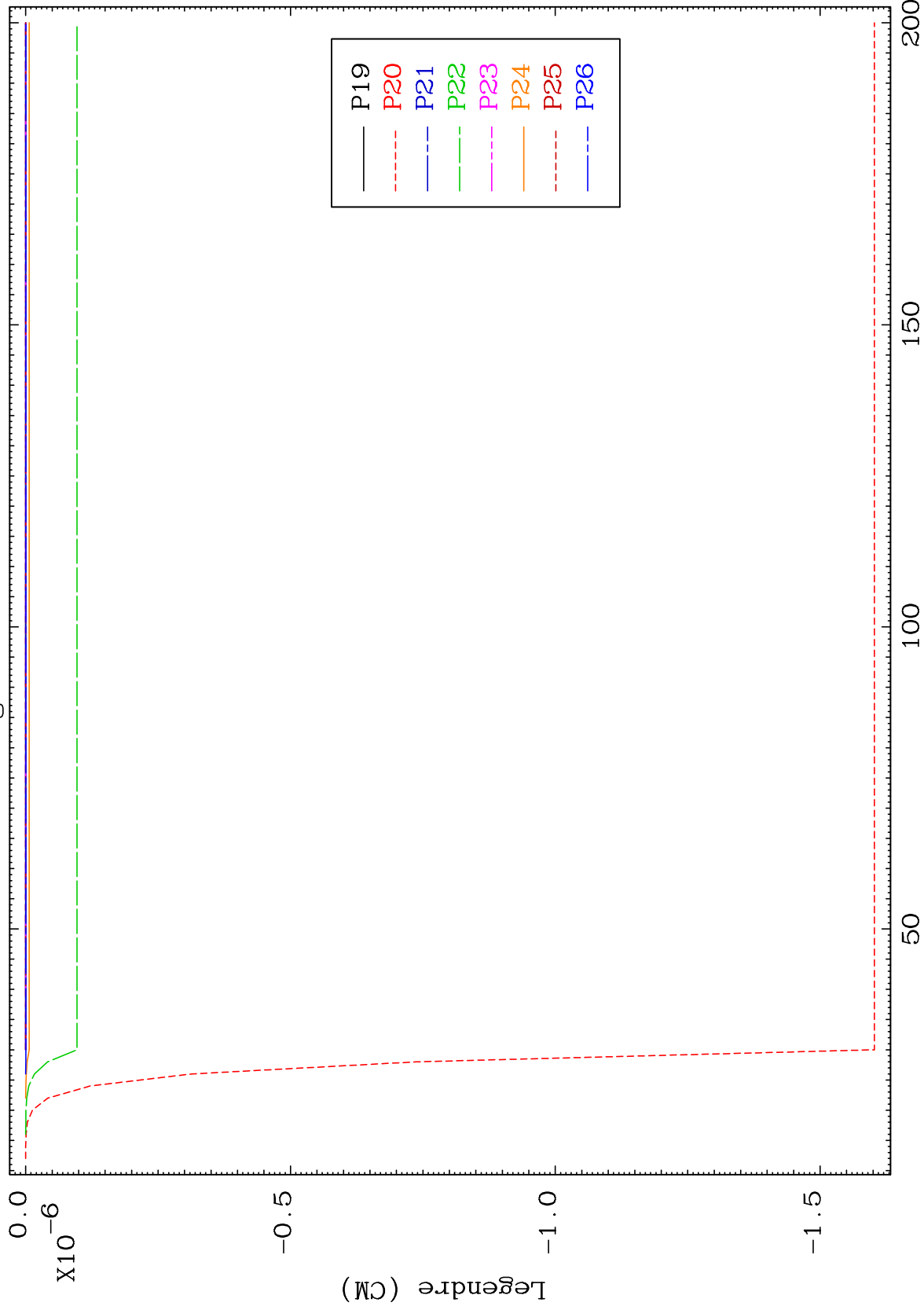
44-Ru-103



MAT 4446

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

44-Ru-103



29

Incident Energy (MeV)

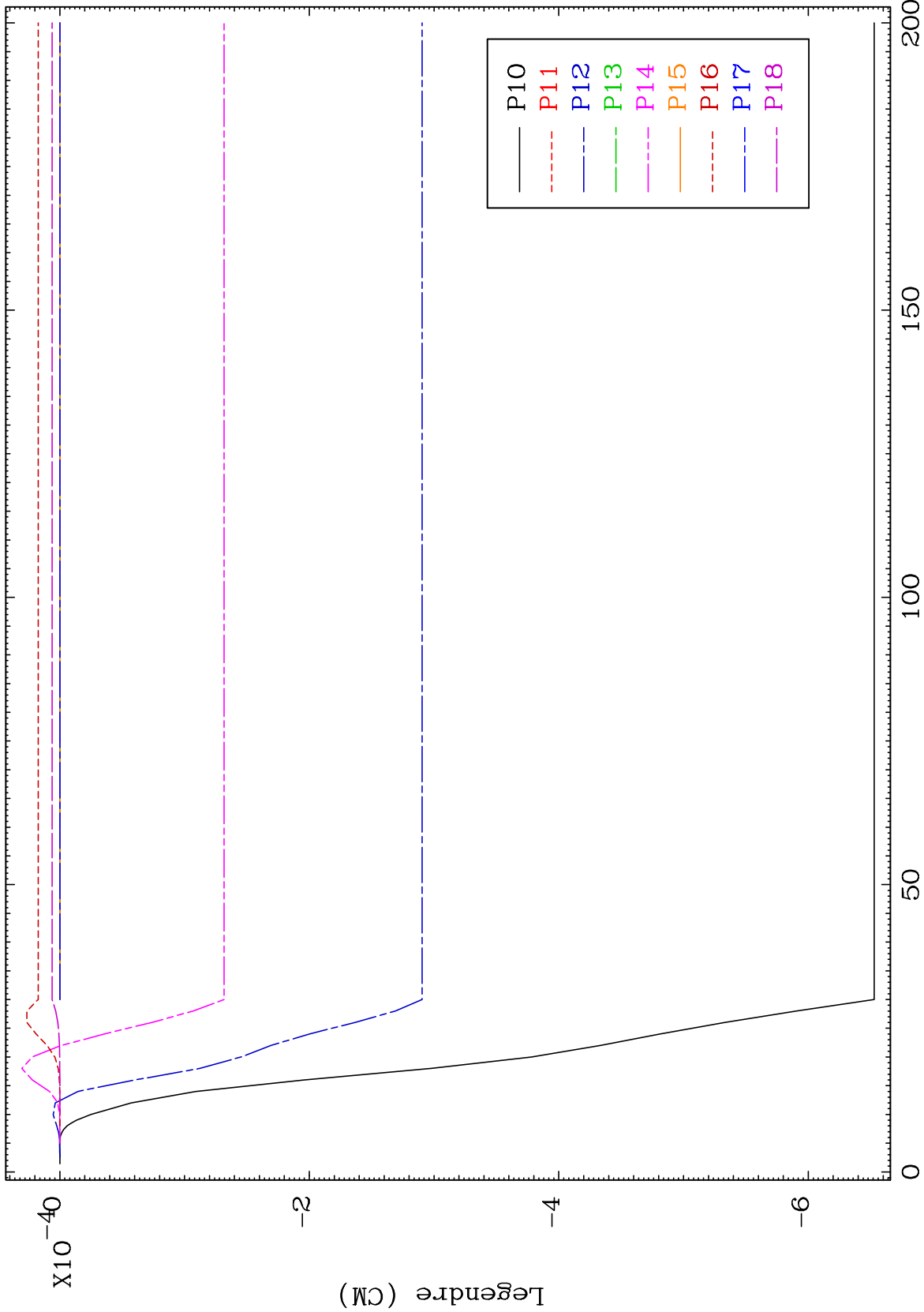
44-Ru-103



MAT 4446

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

44-Ru-103



31

Incident Energy (MeV)

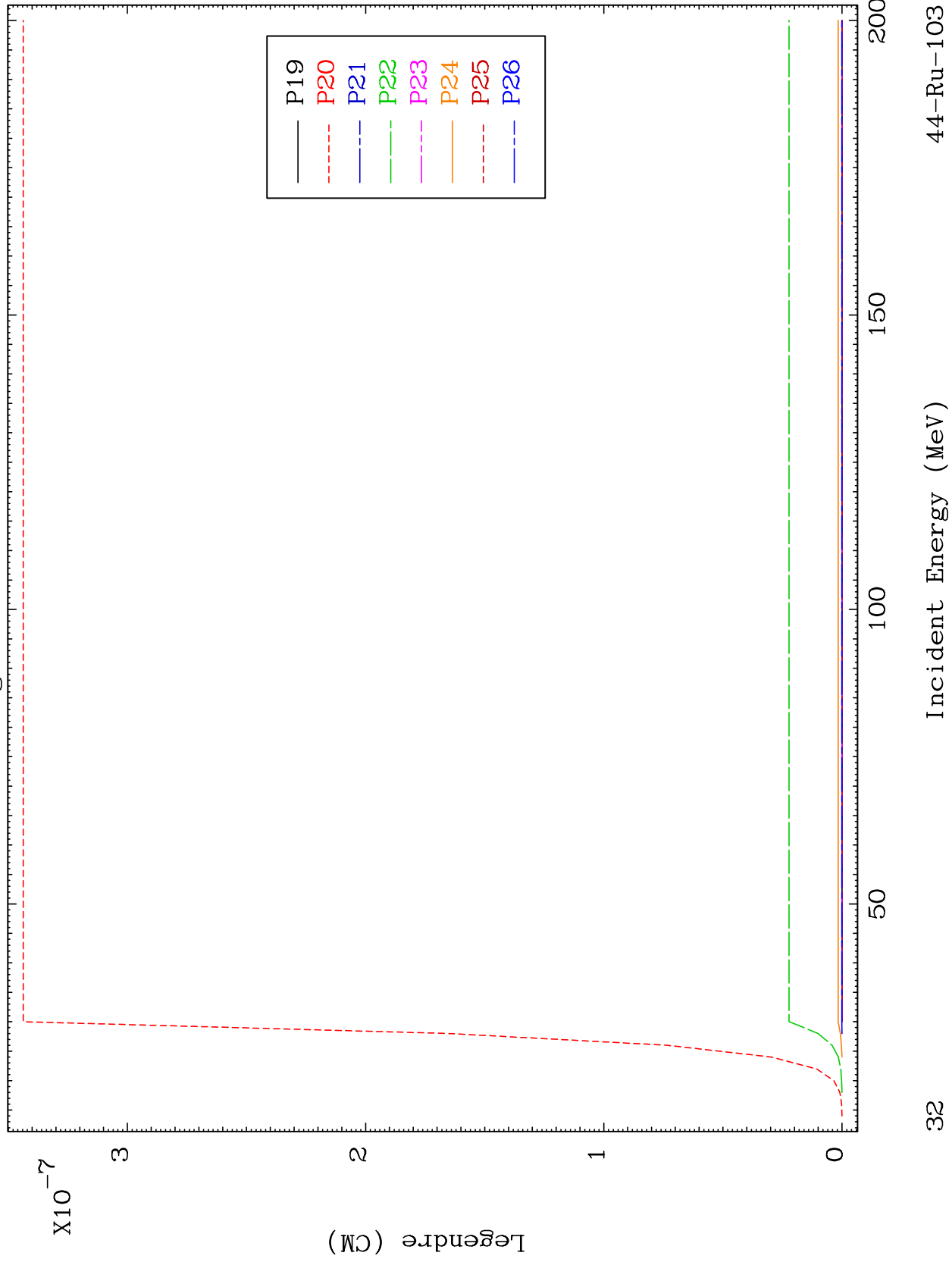
44-Ru-103



MAT 4446

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

44-Ru-103



32

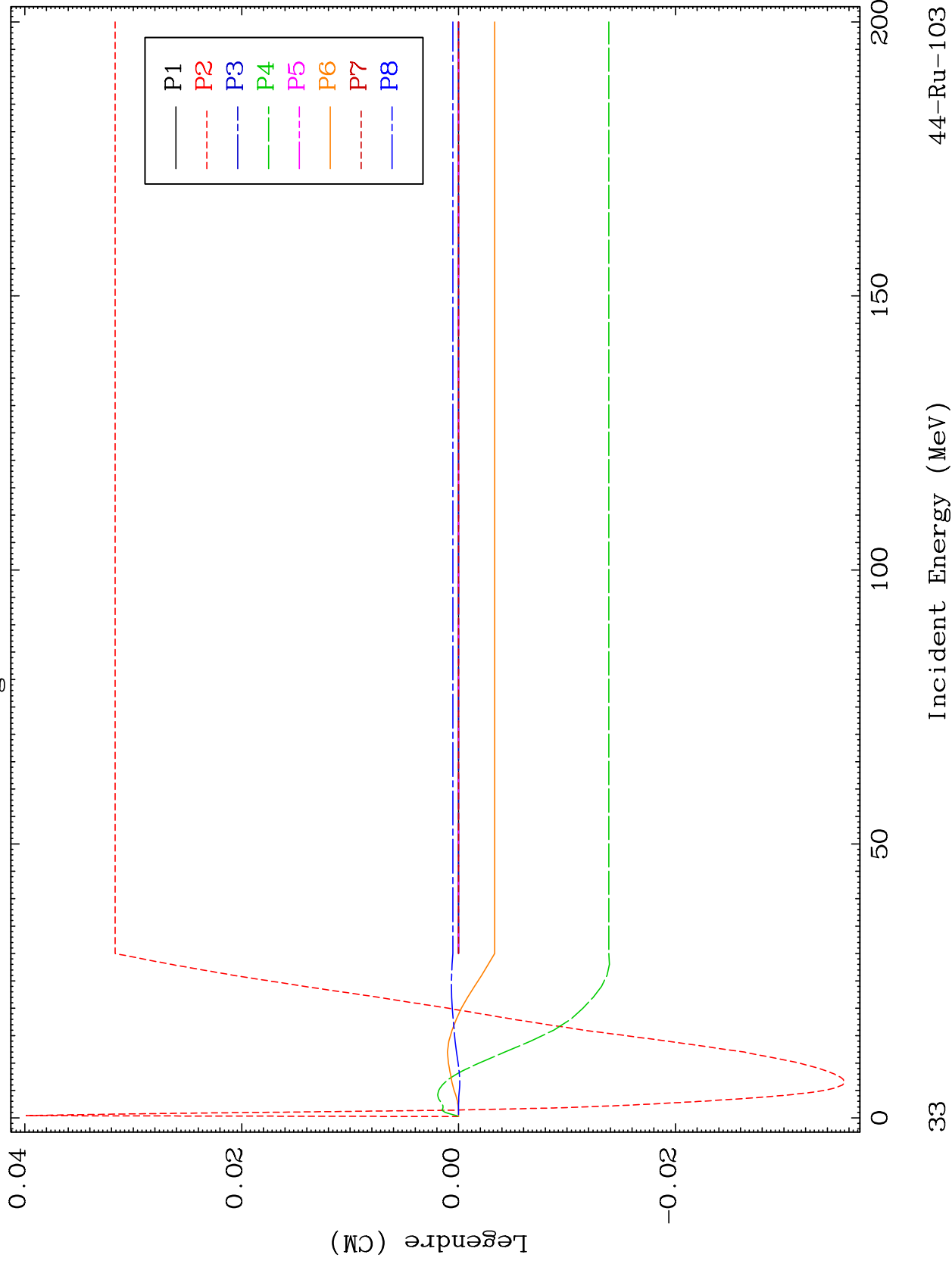
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103

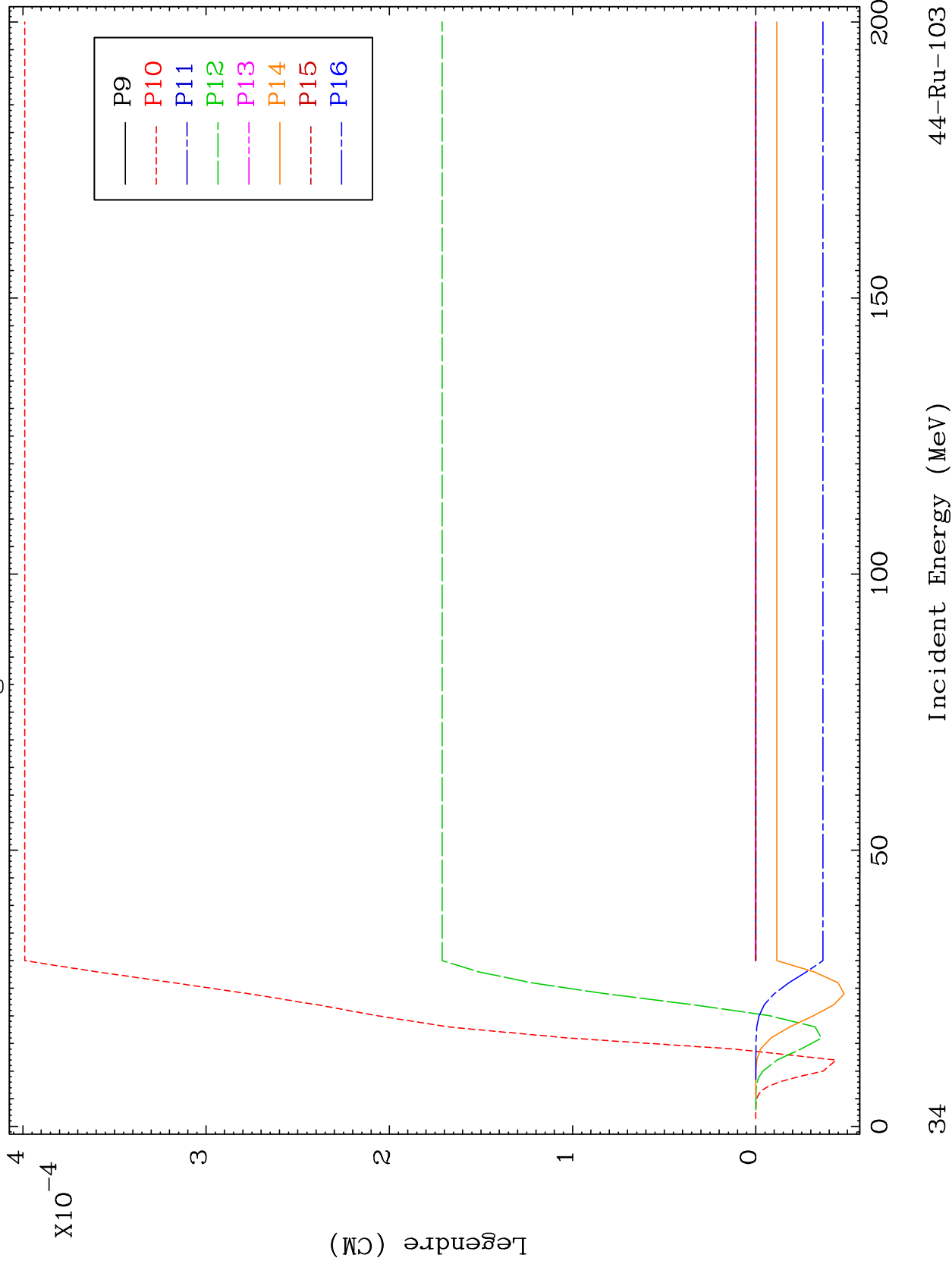


33

MAT 4446

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

44-Ru-103



34

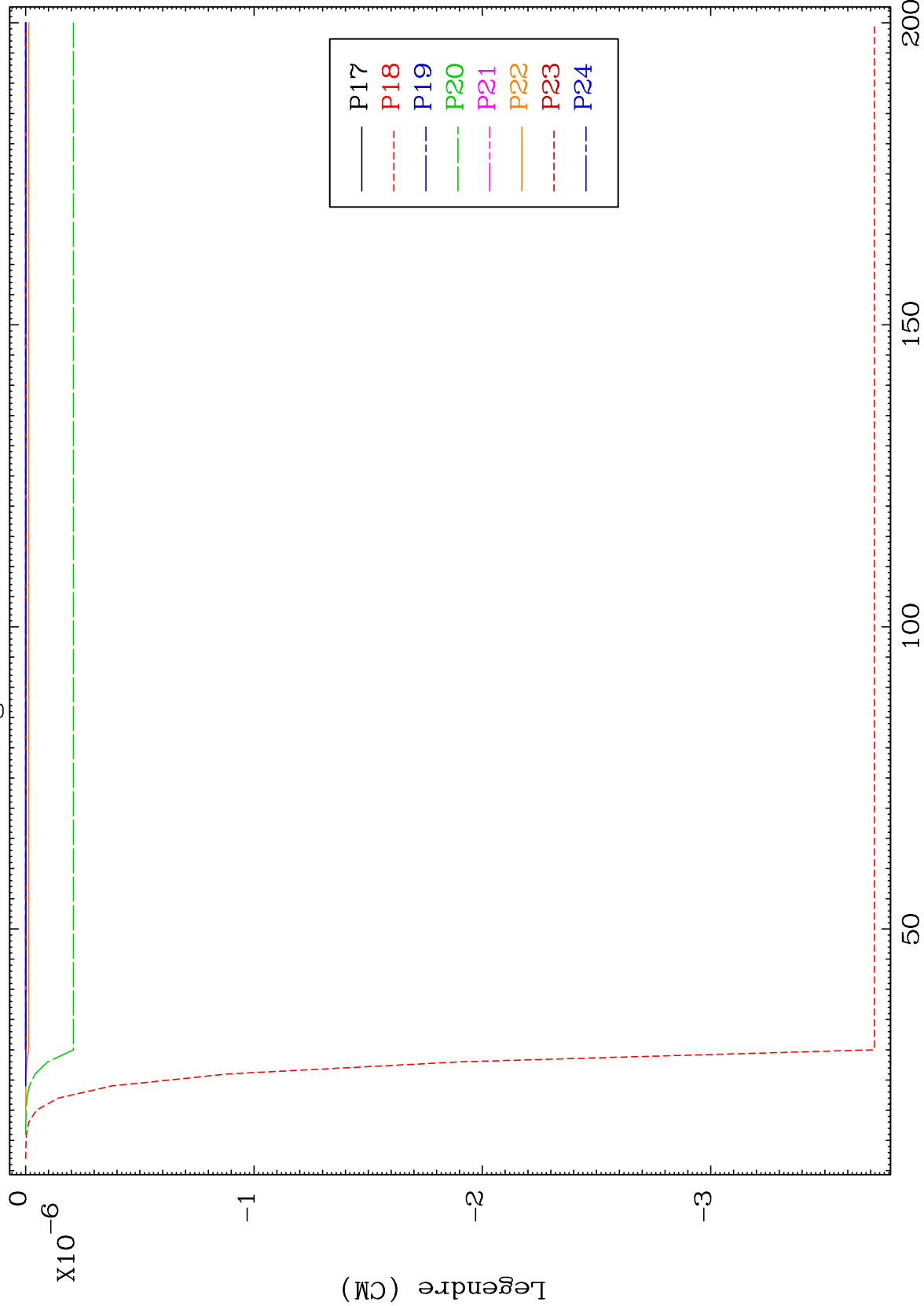
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



44-Ru-103

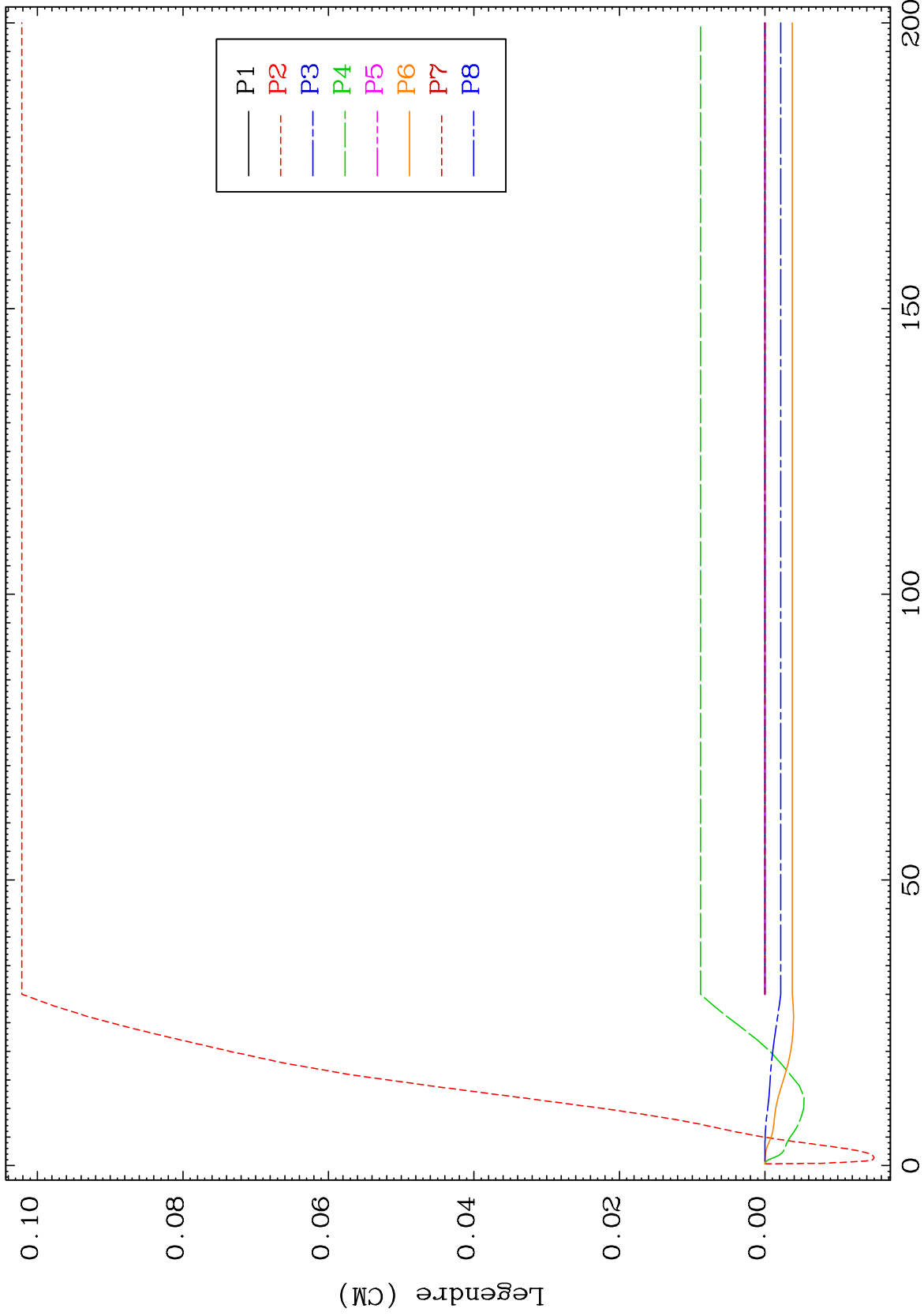
Incident Energy (MeV)

35

MAT 4446

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

44-Ru-103



36

Incident Energy (MeV)

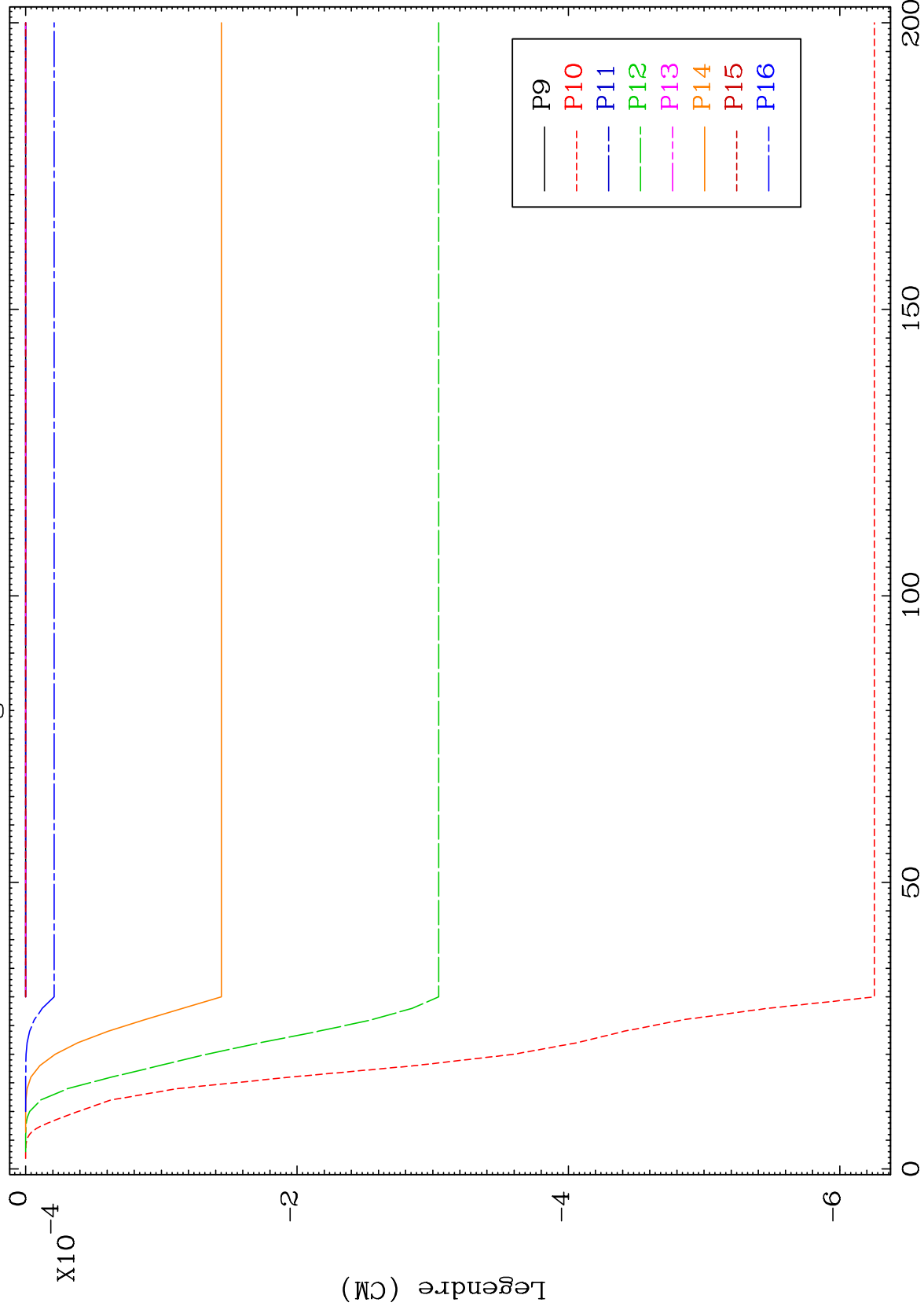
44-Ru-103

MAT 4446

MT= 56 (n,n') Level

44-Ru-103

Legendre Coefficients



37

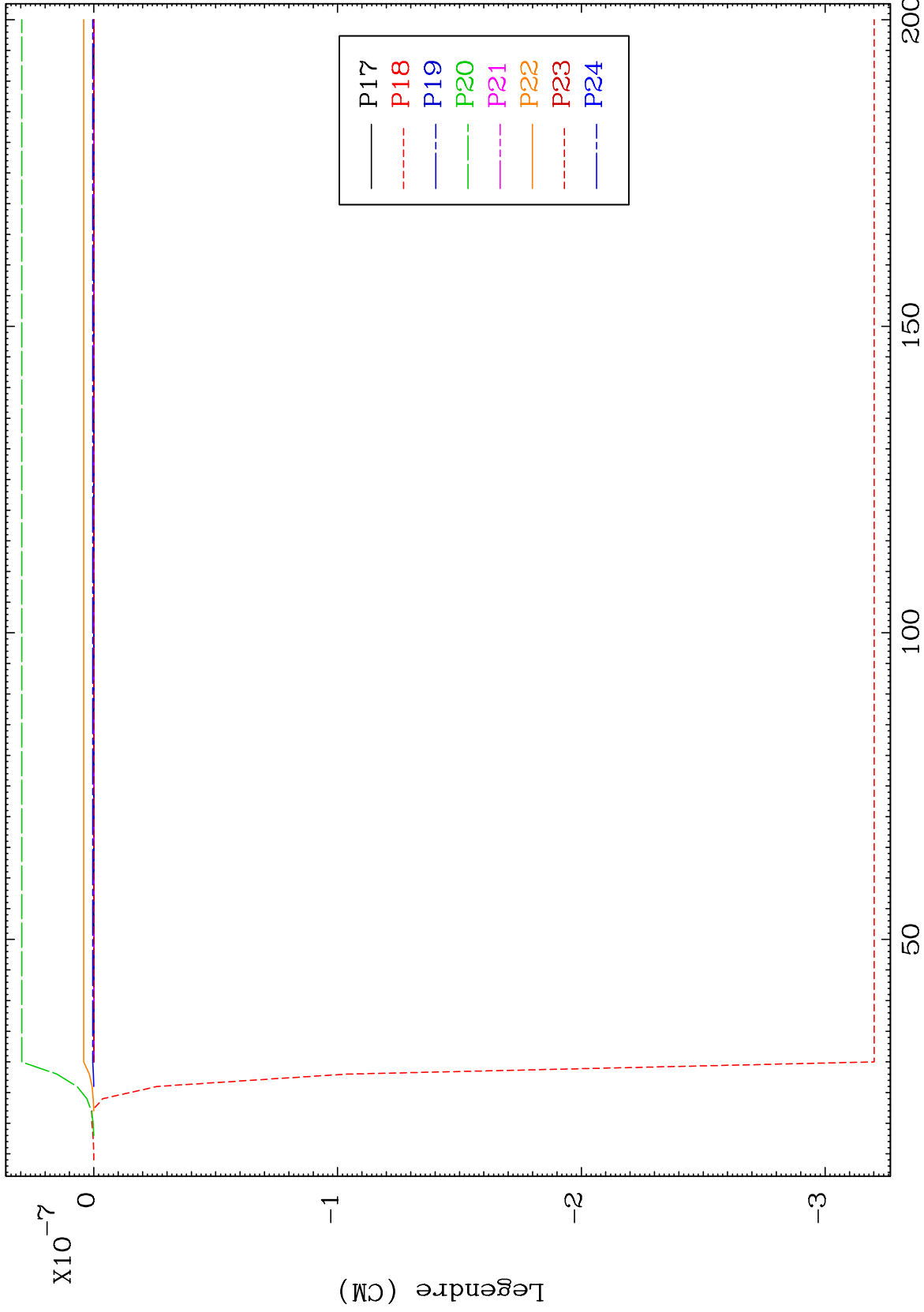
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



38

Incident Energy (MeV)

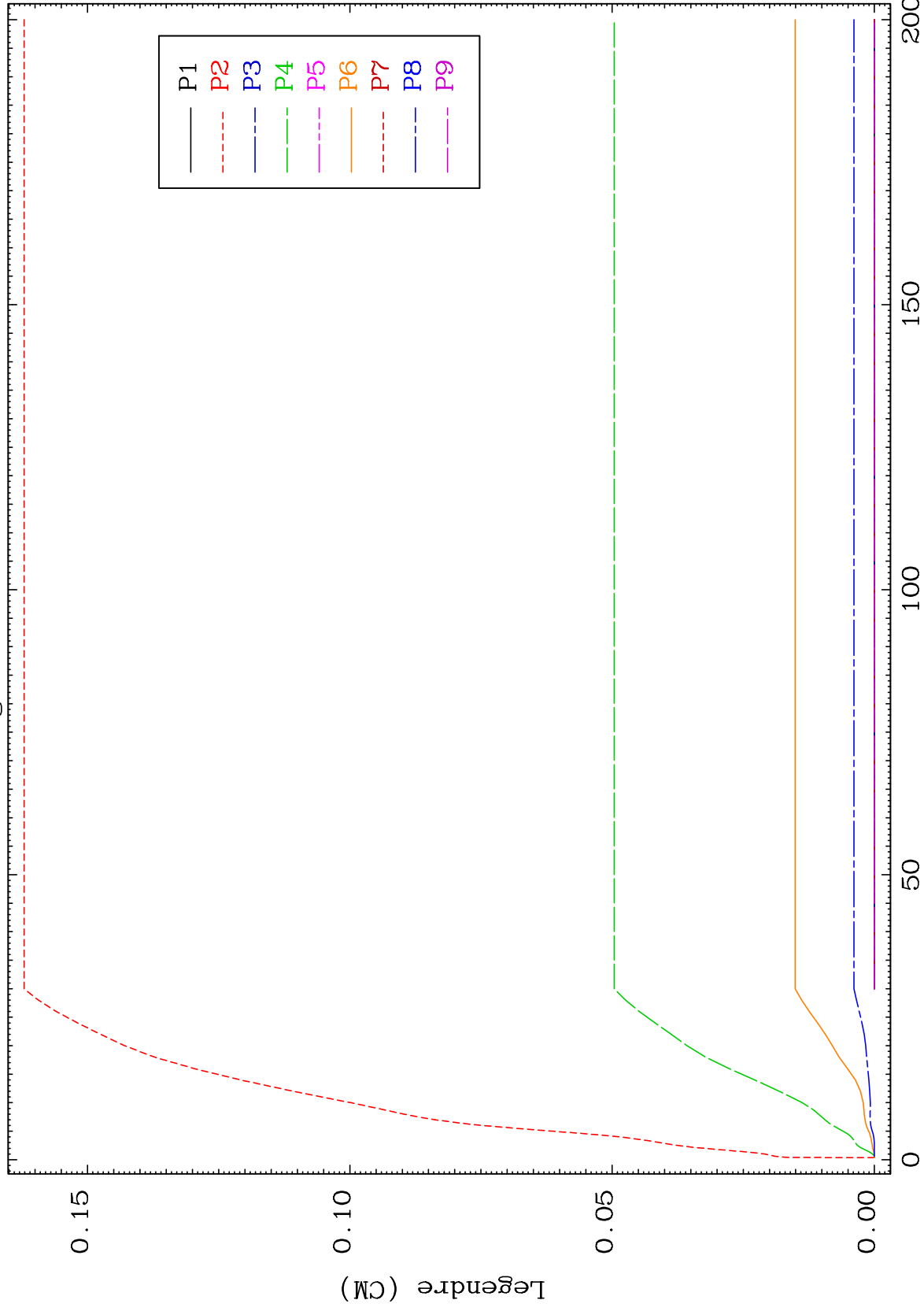
44-Ru-103

MAT 4446

MT= 57 (n,n') Level

44-Ru-103

Legendre Coefficients



39

Incident Energy (MeV)

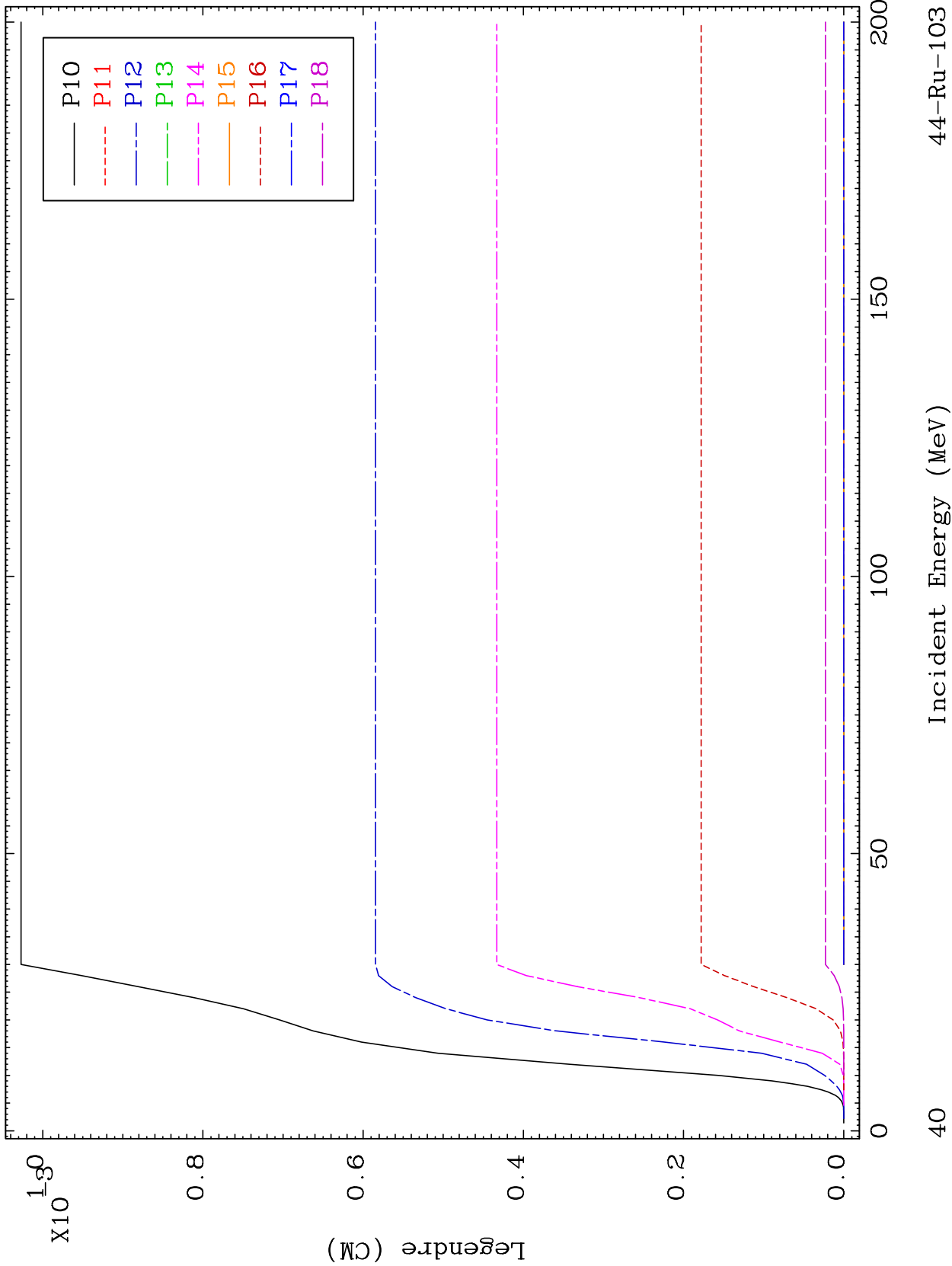
44-Ru-103



MAT 4446

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

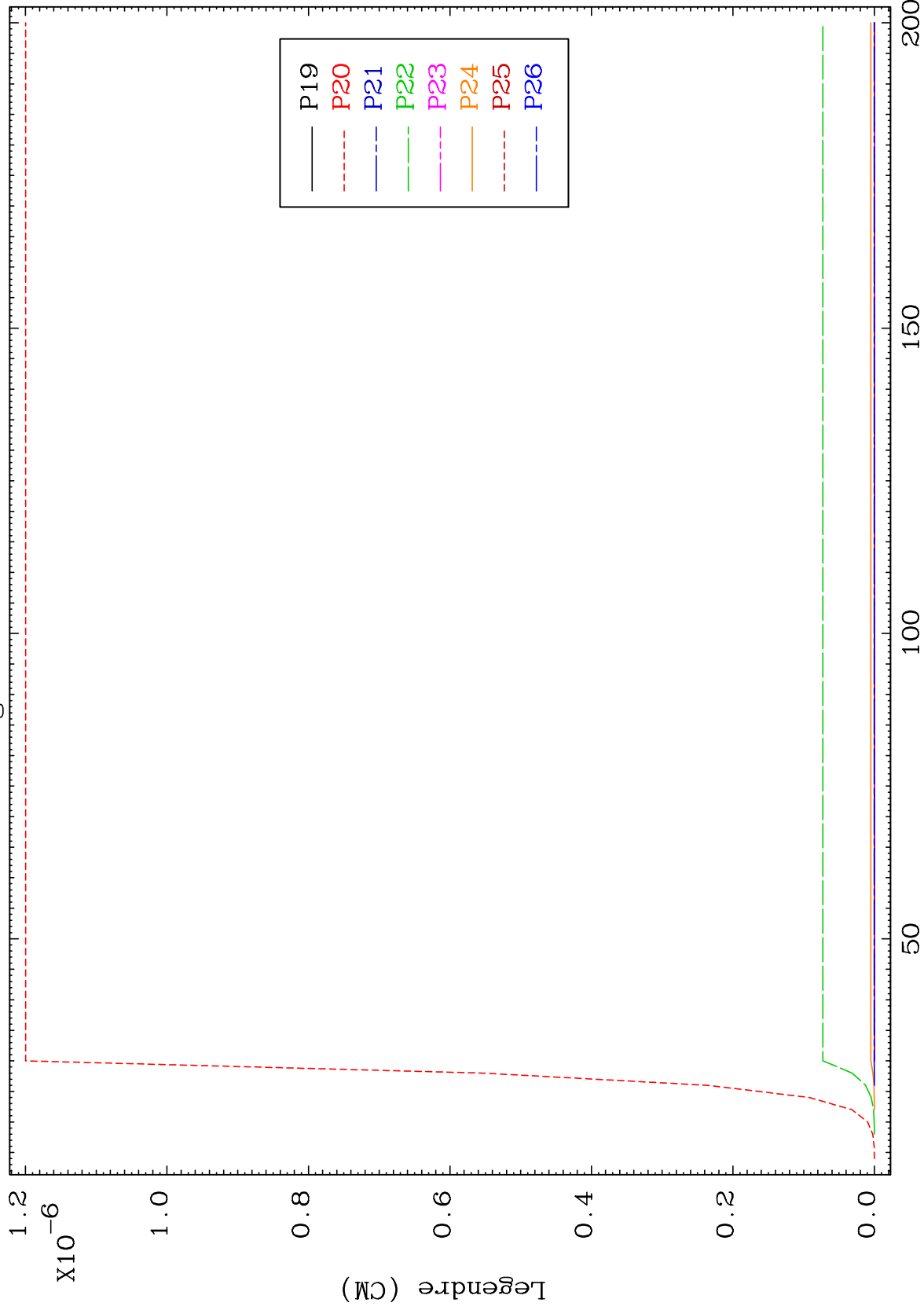
44-Ru-103



MAT 4446

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

44-Ru-103



41

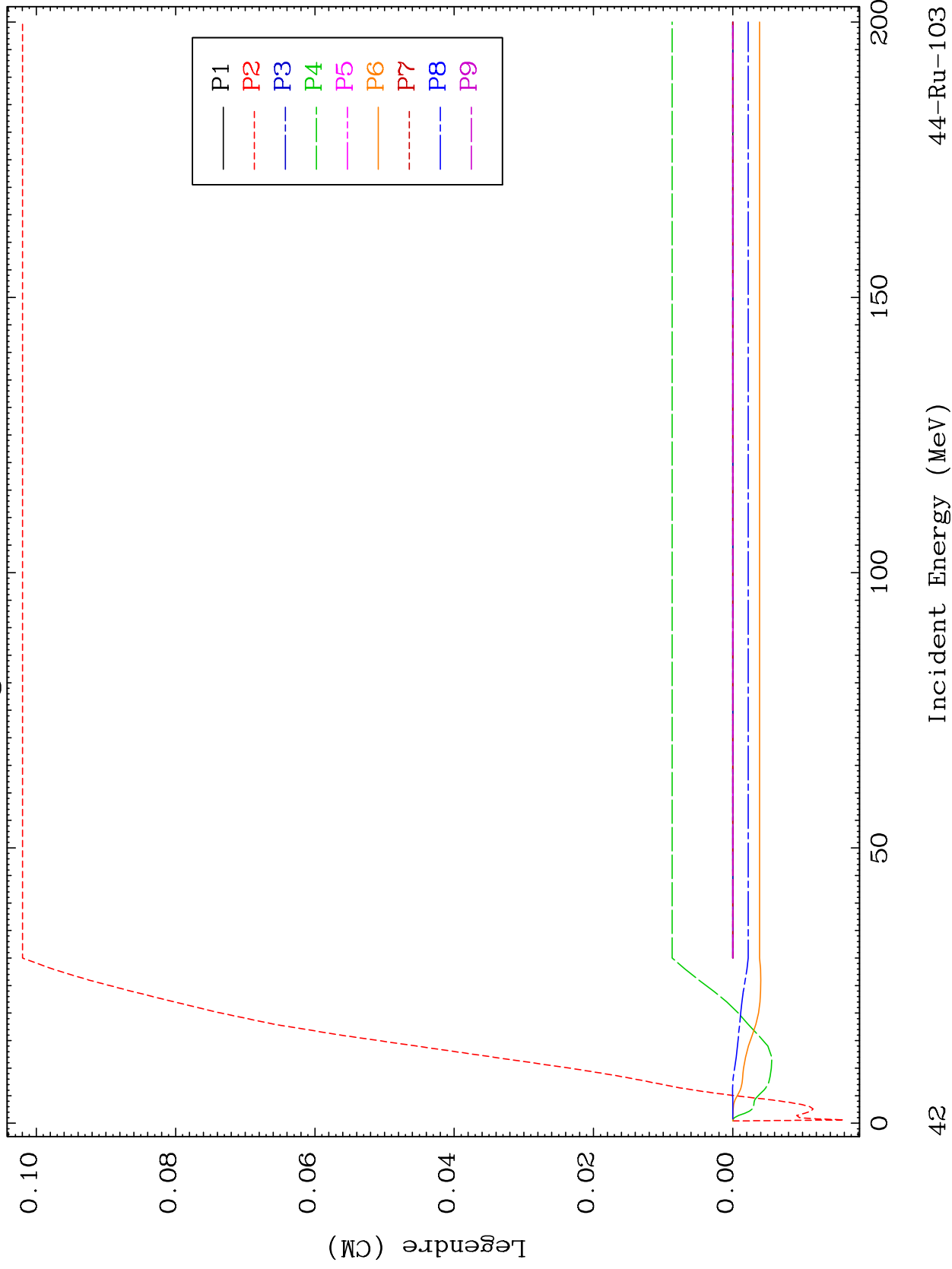
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



44-Ru-103

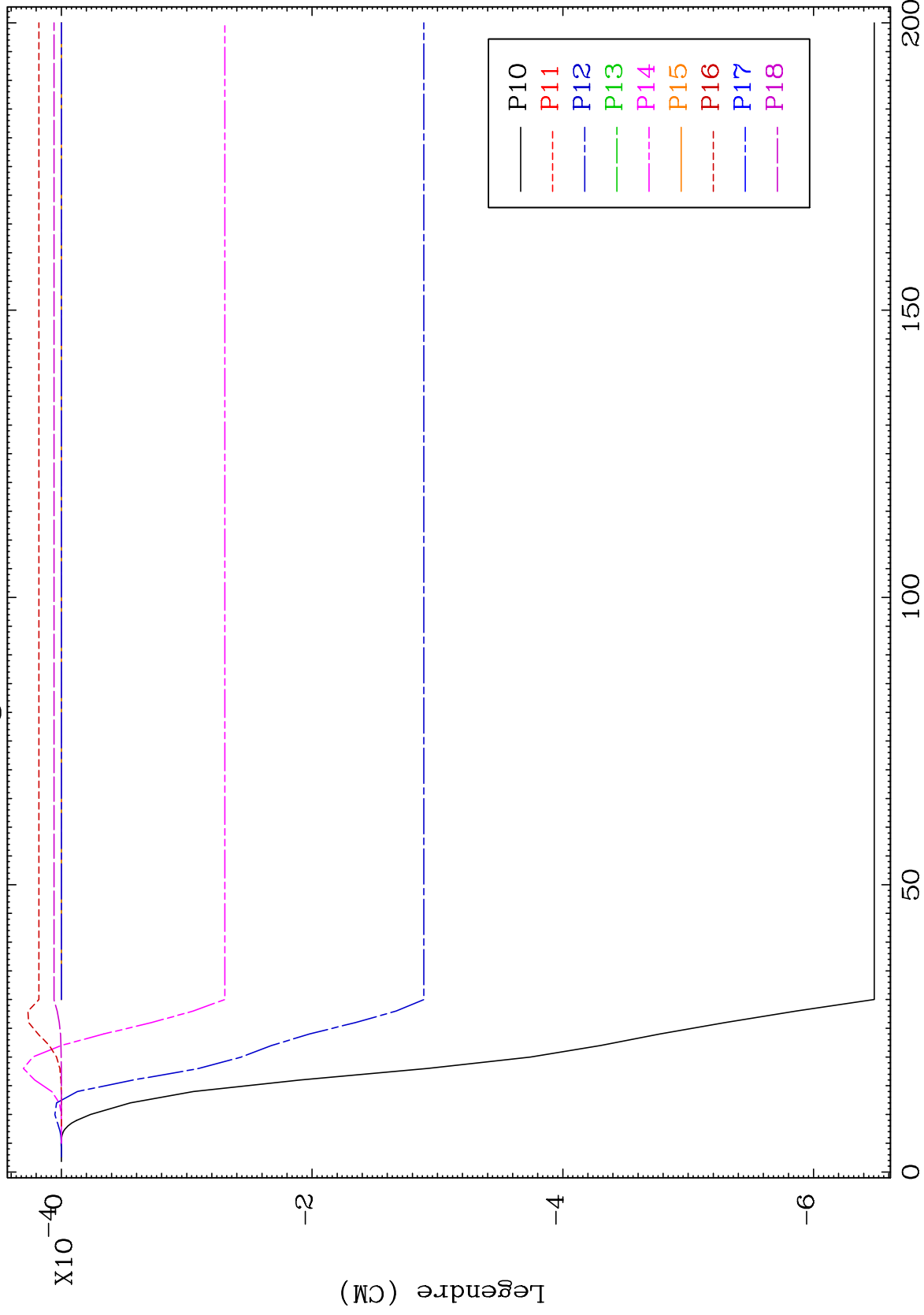
Incident Energy (MeV)

42

MAT 4446

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

44-Ru-103



43

Incident Energy (MeV)

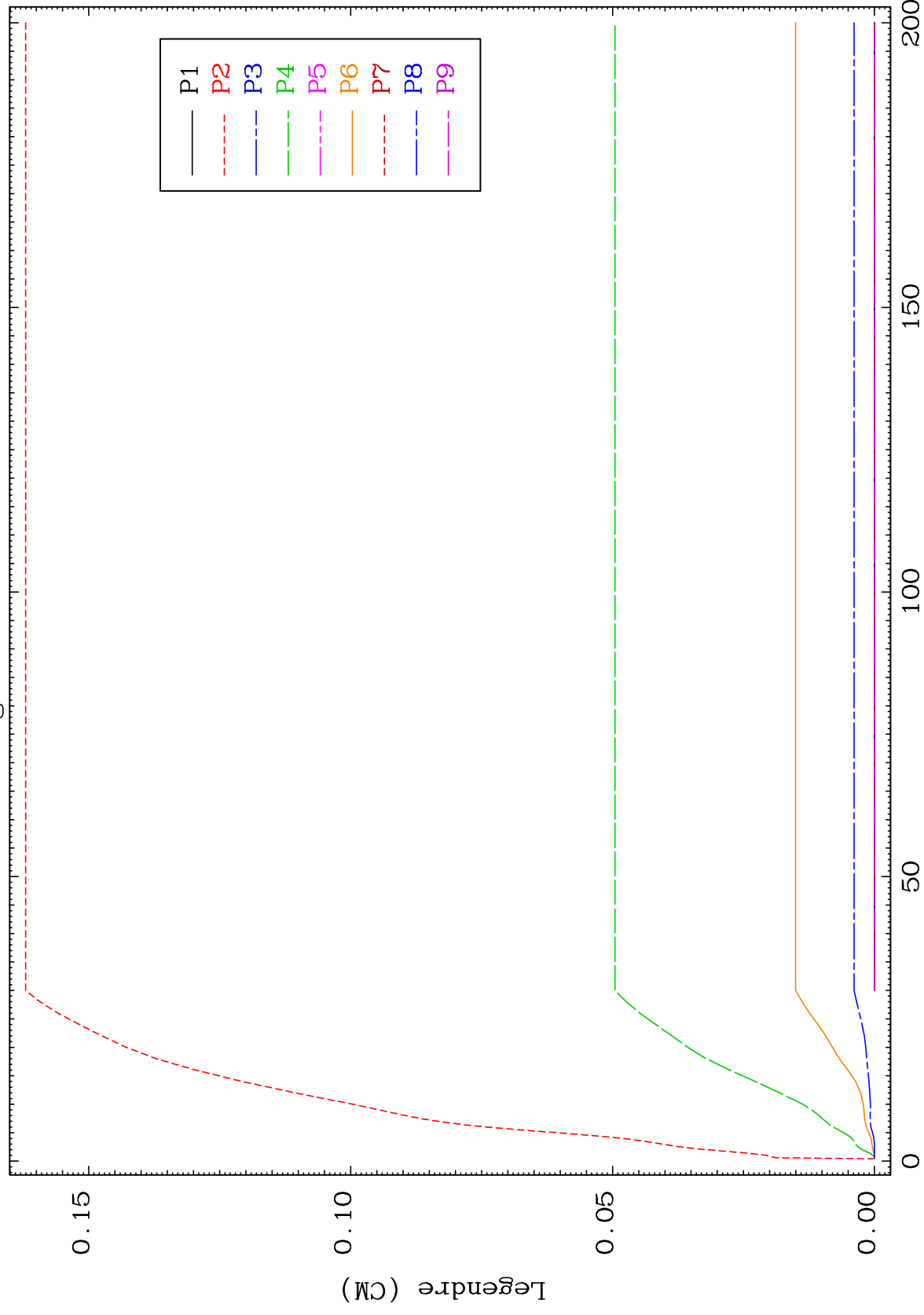
44-Ru-103



MAT 4446

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

44-Ru-103



44-Ru-103

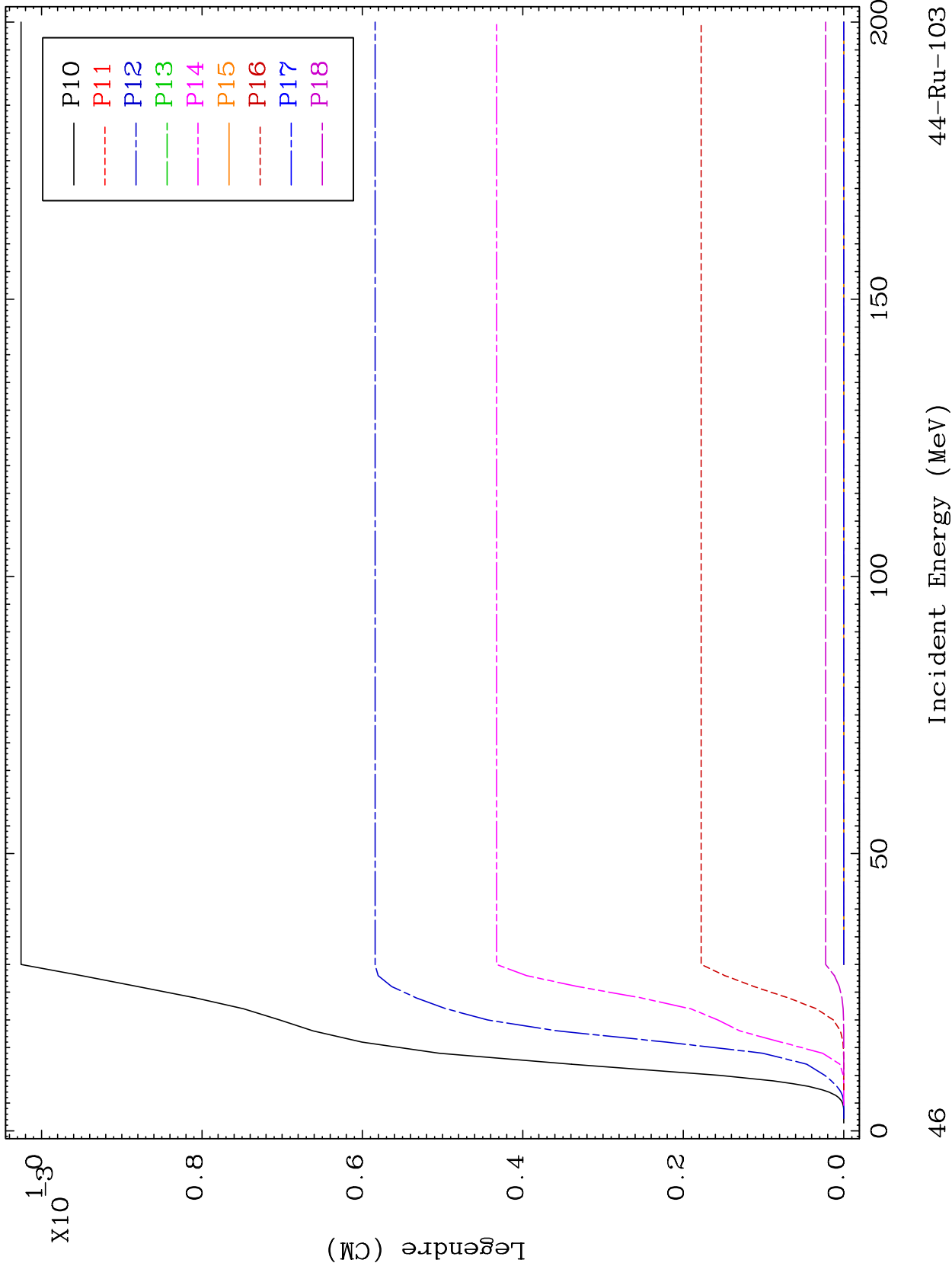
Incident Energy (MeV)

45

MAT 4446

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

44-Ru-103



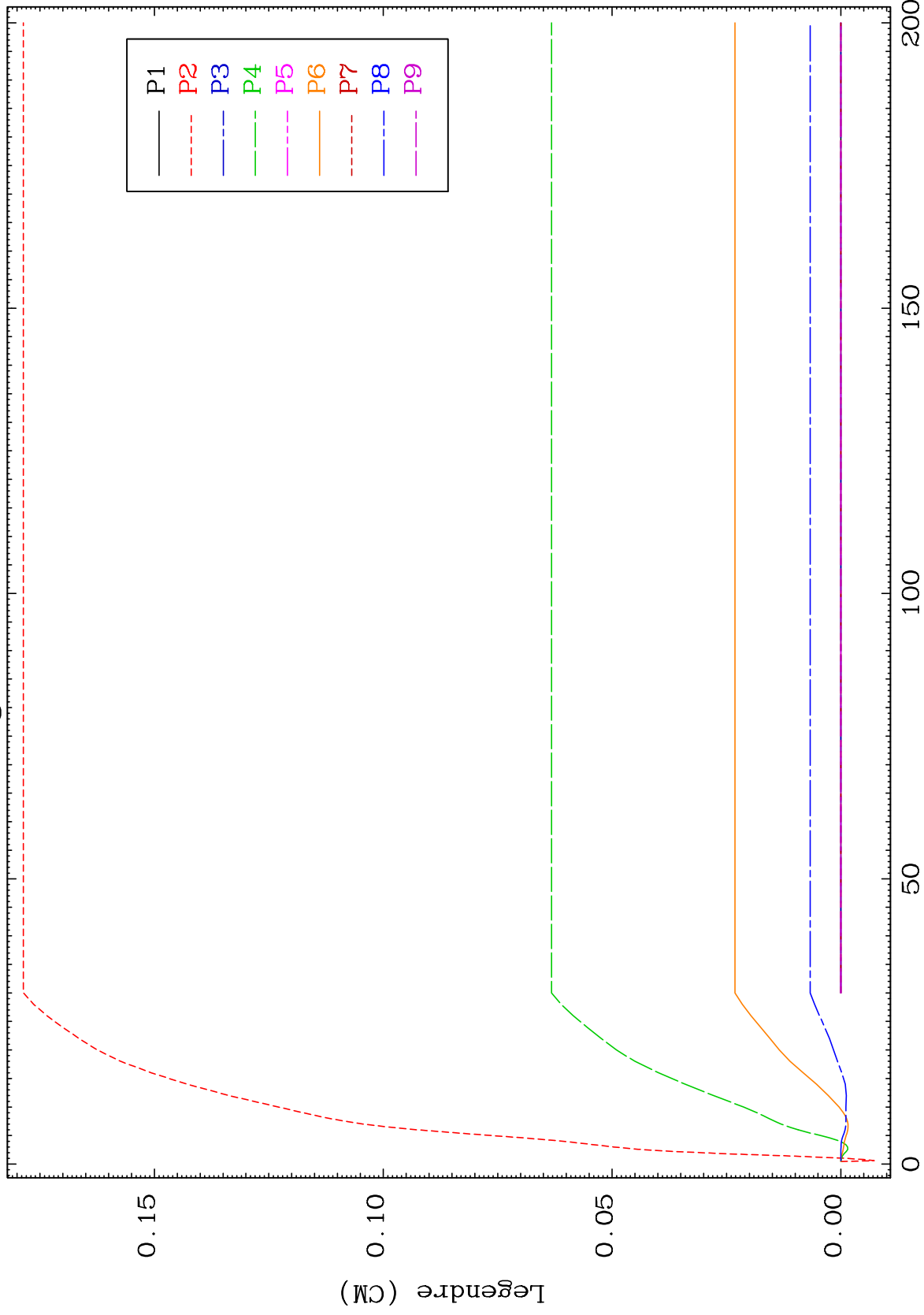




MAT 4446

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

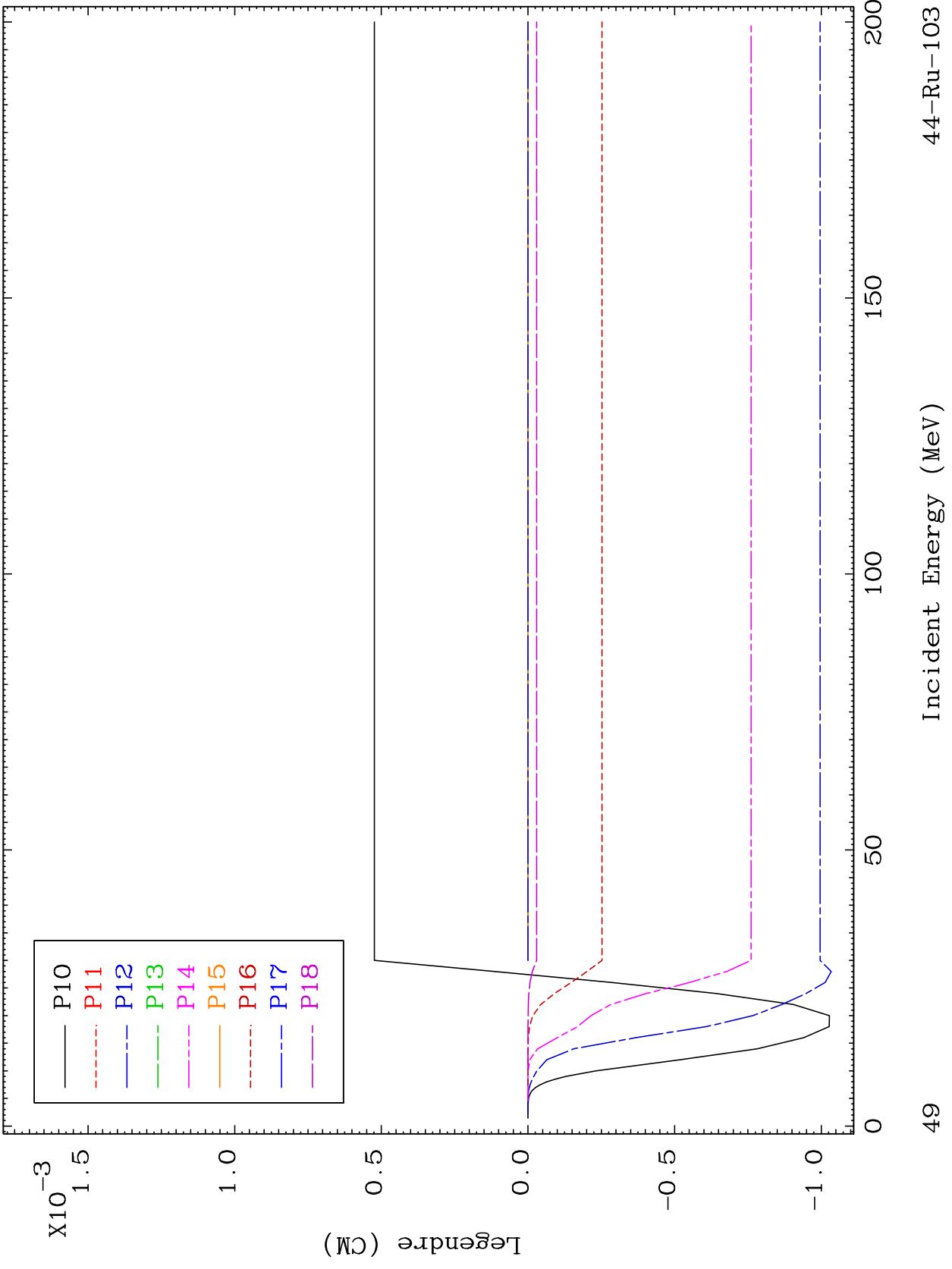
44-Ru-103

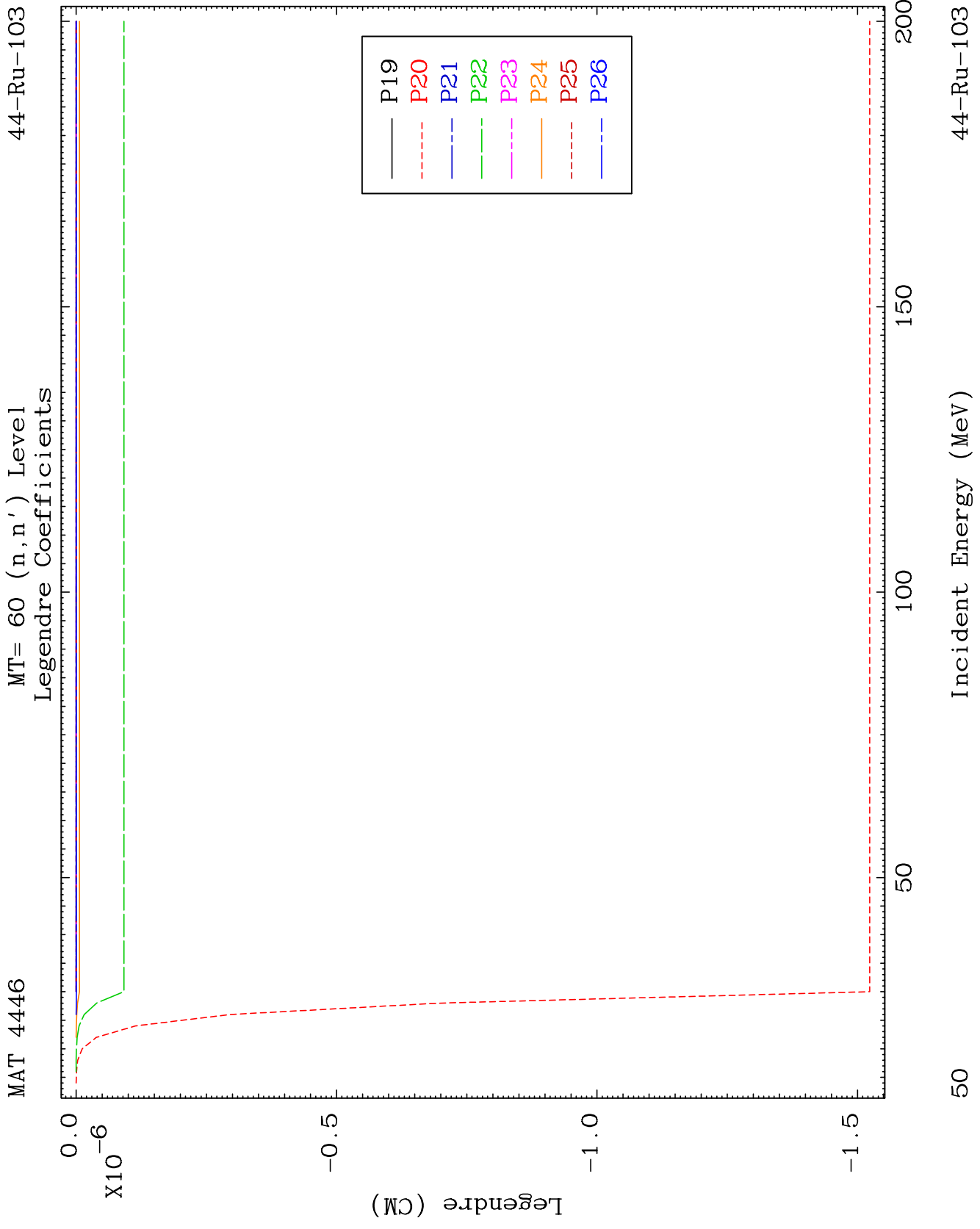


48

Incident Energy (MeV)

44-Ru-103

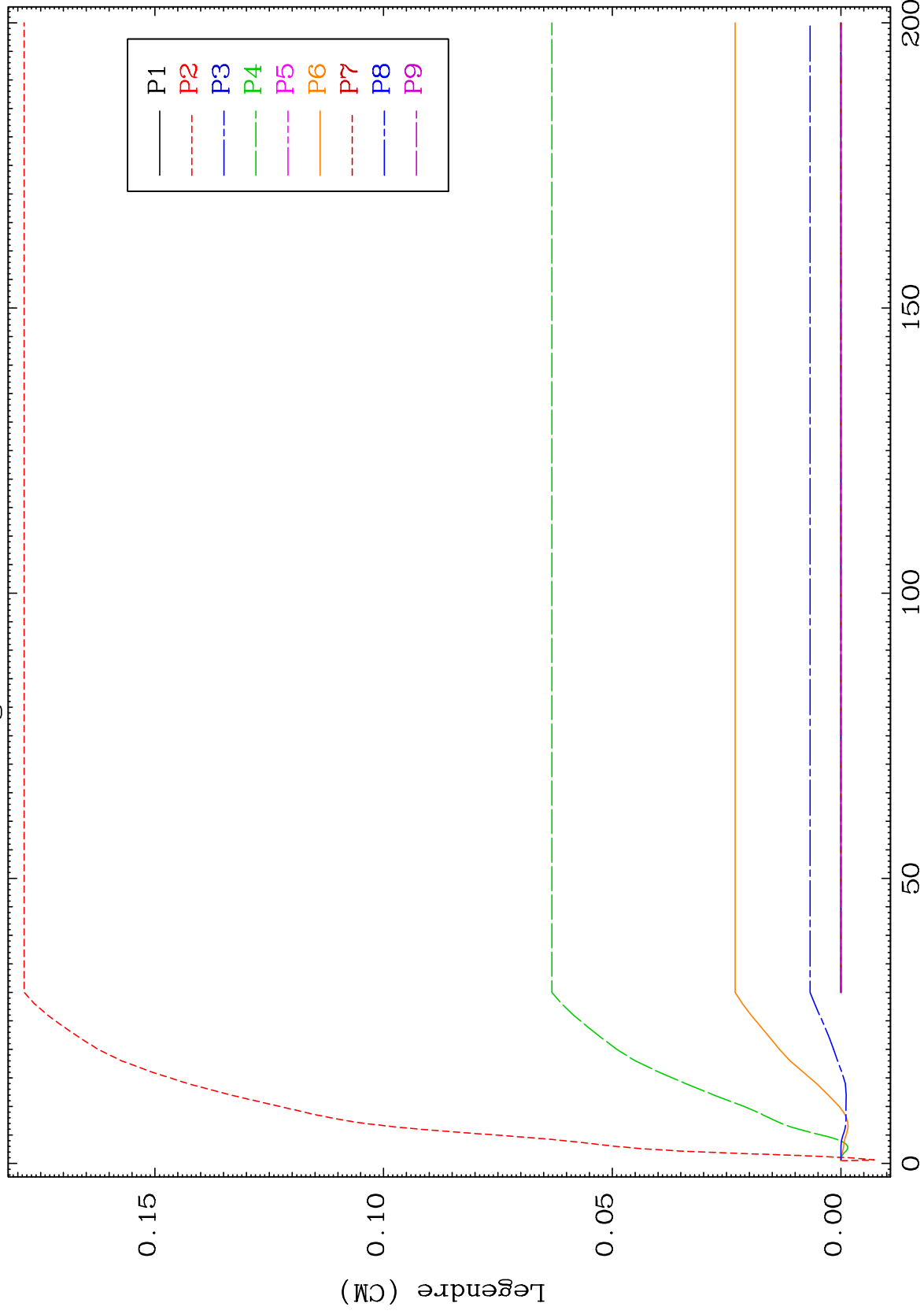




MAT 4446

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

44-Ru-103



51

Incident Energy (MeV)

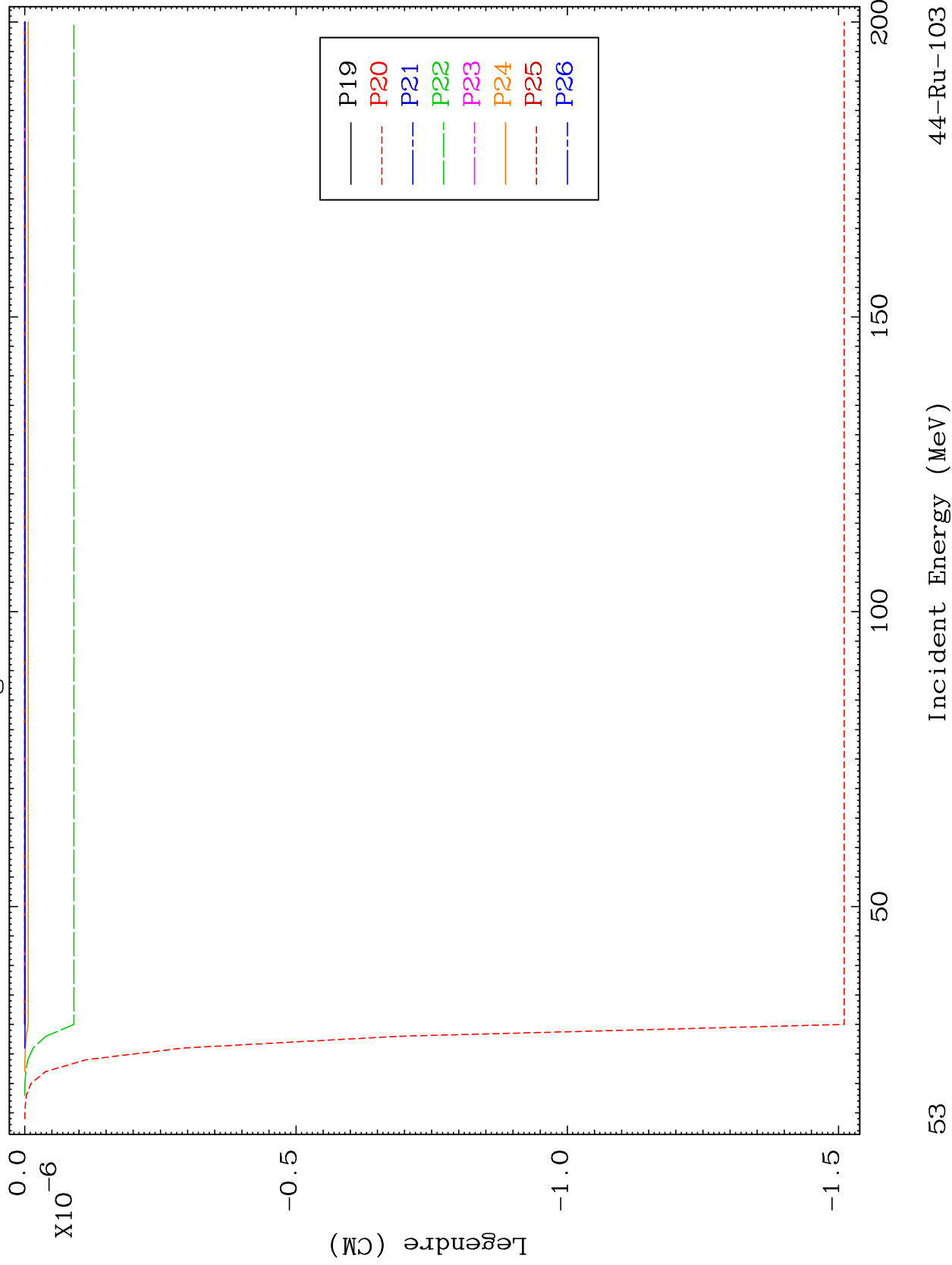
44-Ru-103



MAT 4446

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

44-Ru-103



53

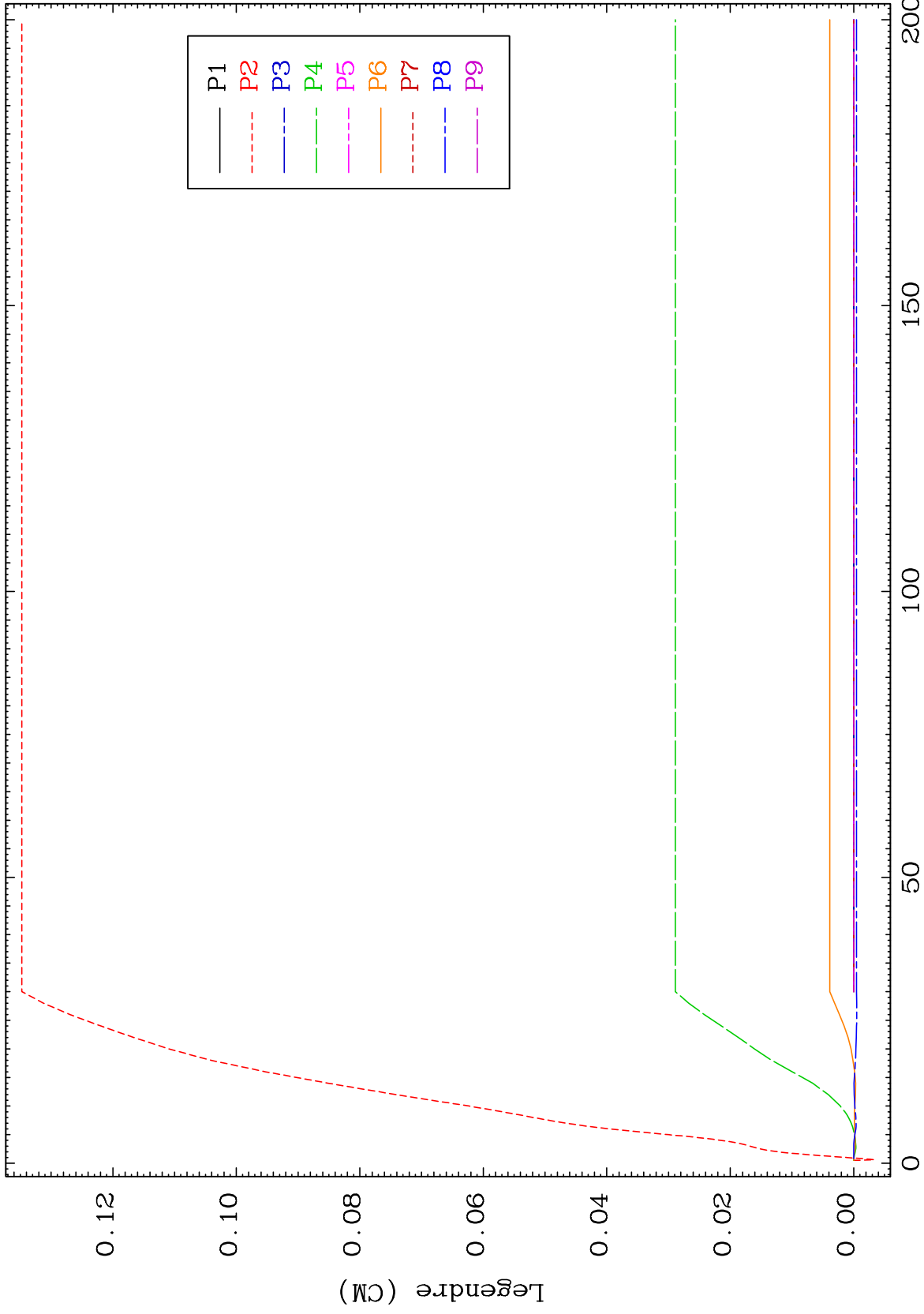
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



54

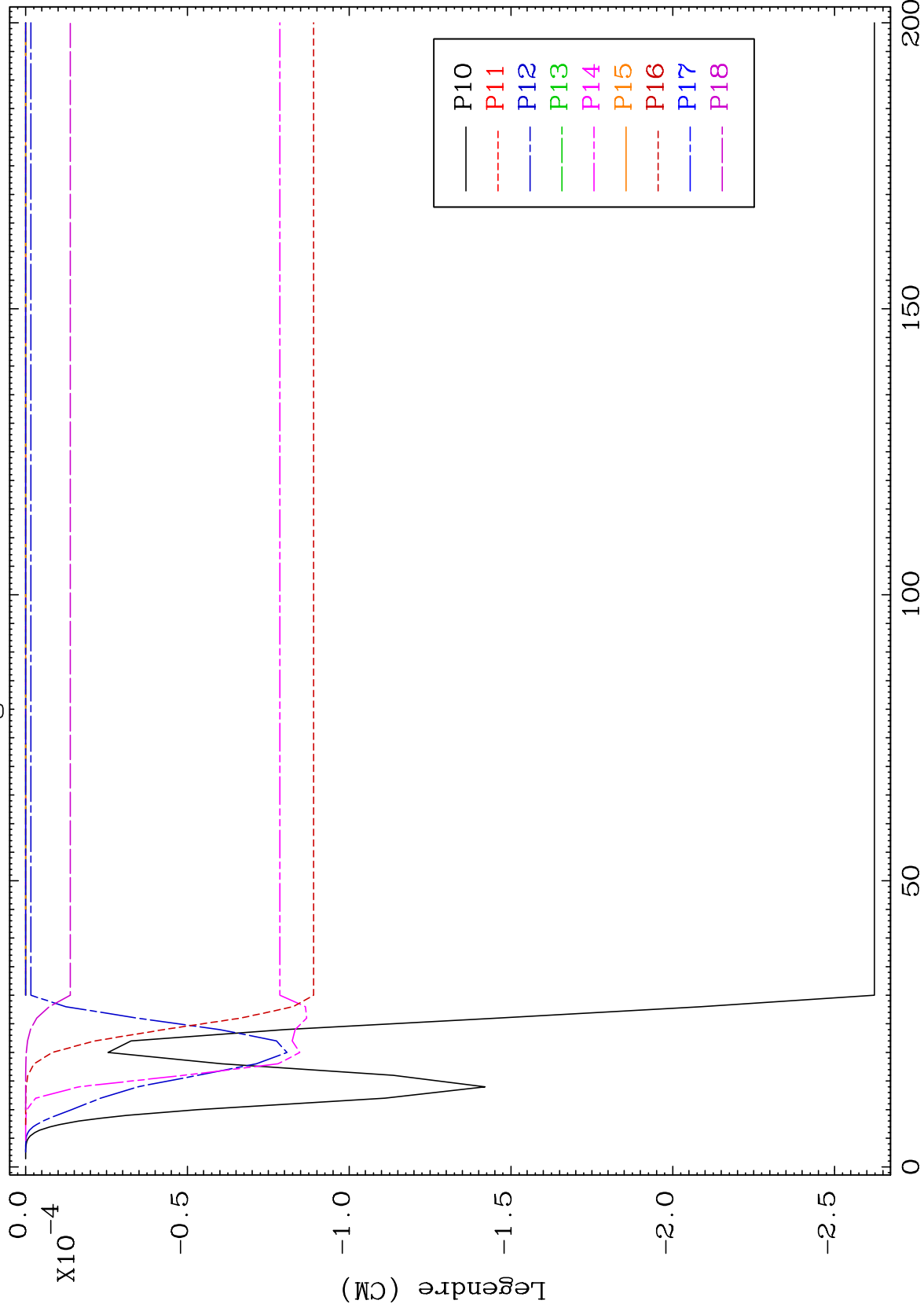
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



55

Incident Energy (MeV)

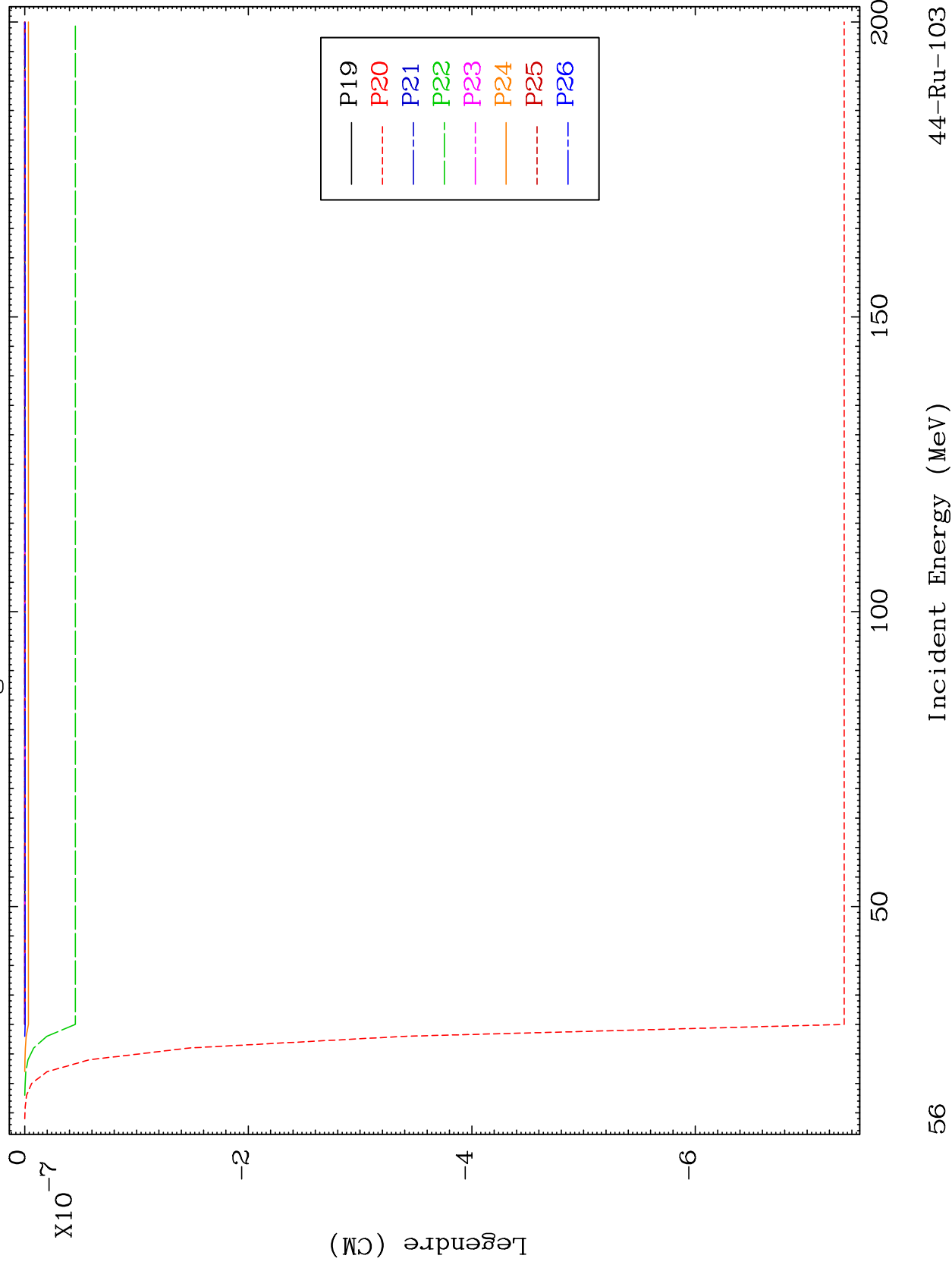
44-Ru-103



MAT 4446

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

44-Ru-103



56

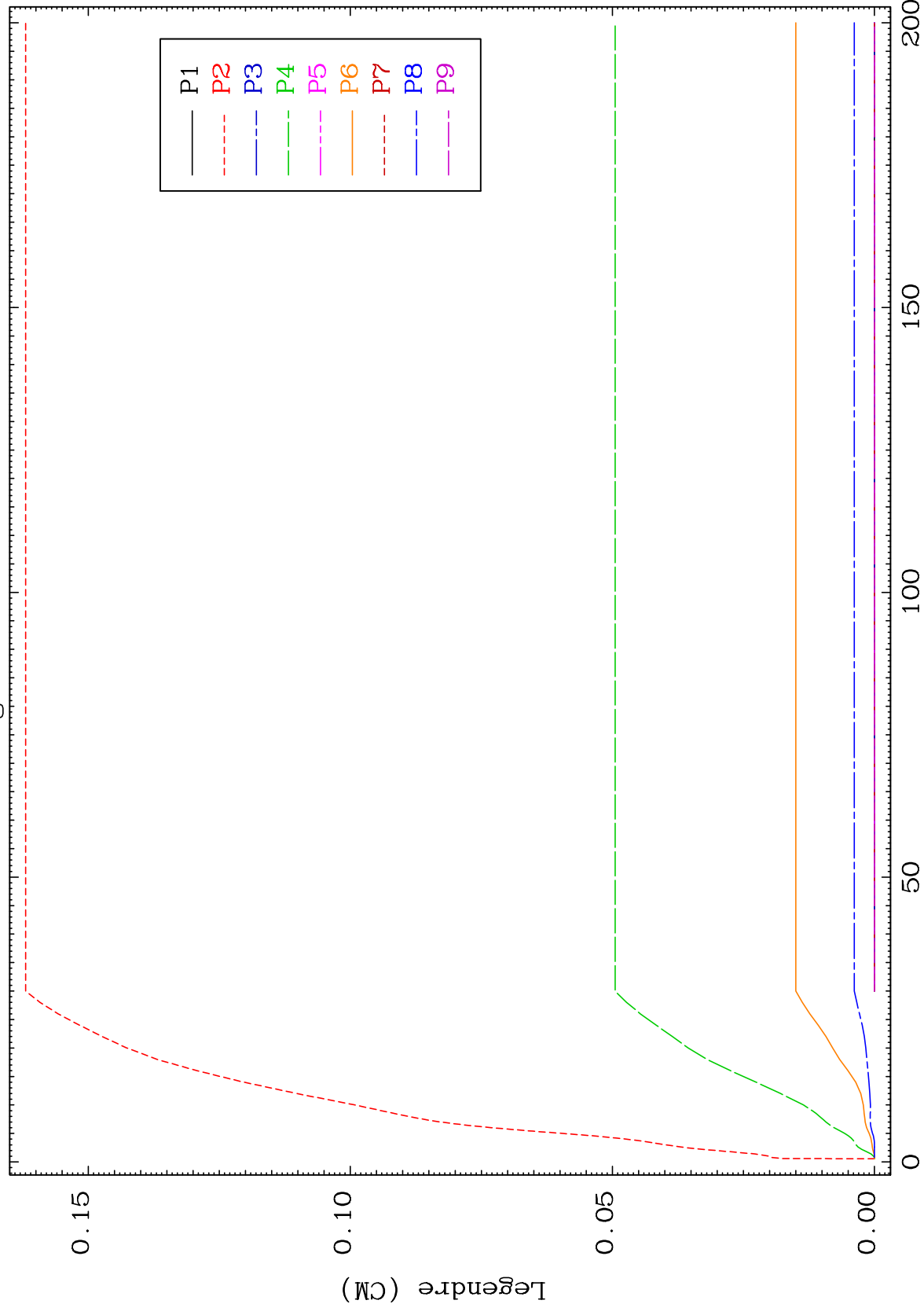
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



57

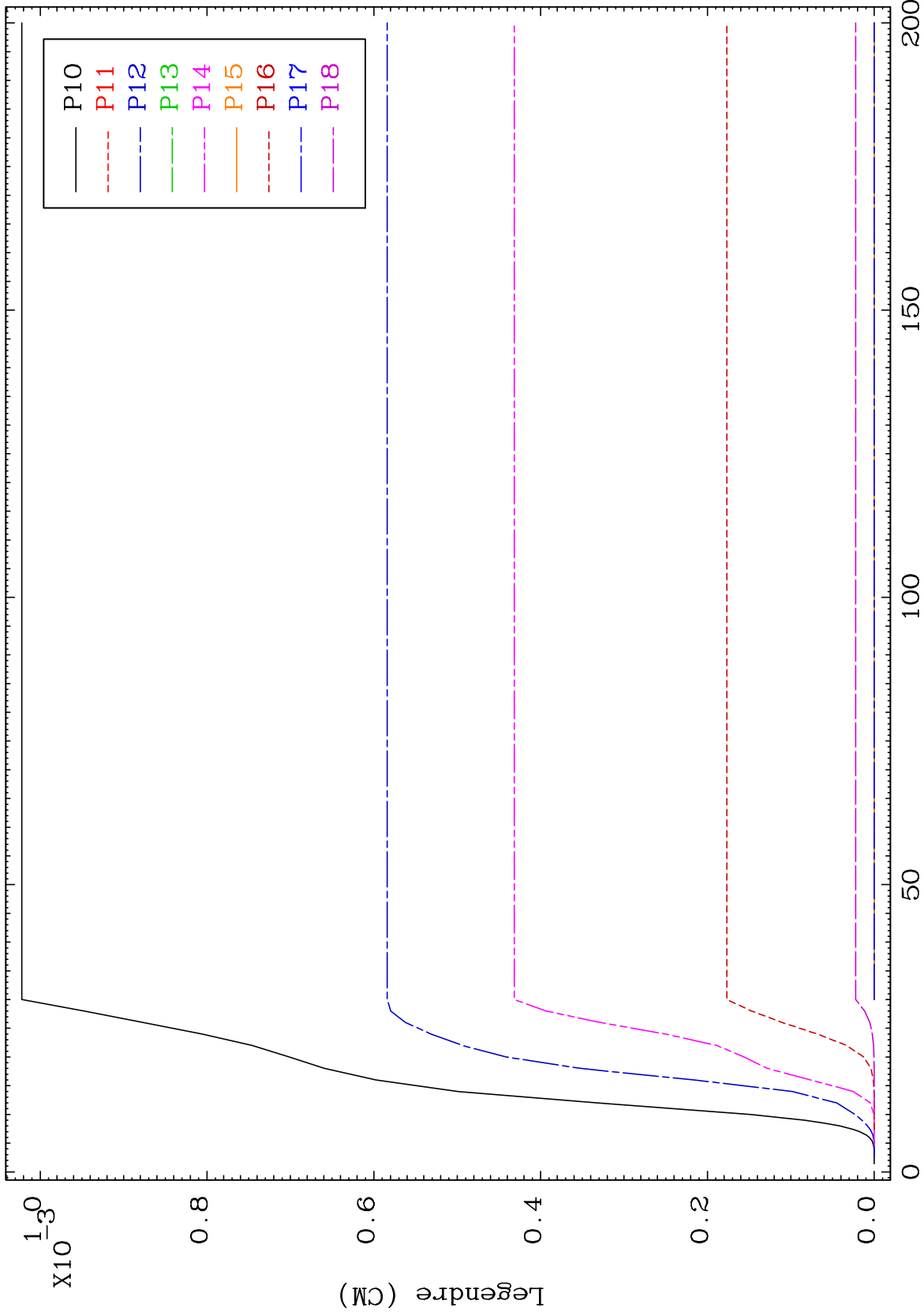
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



58

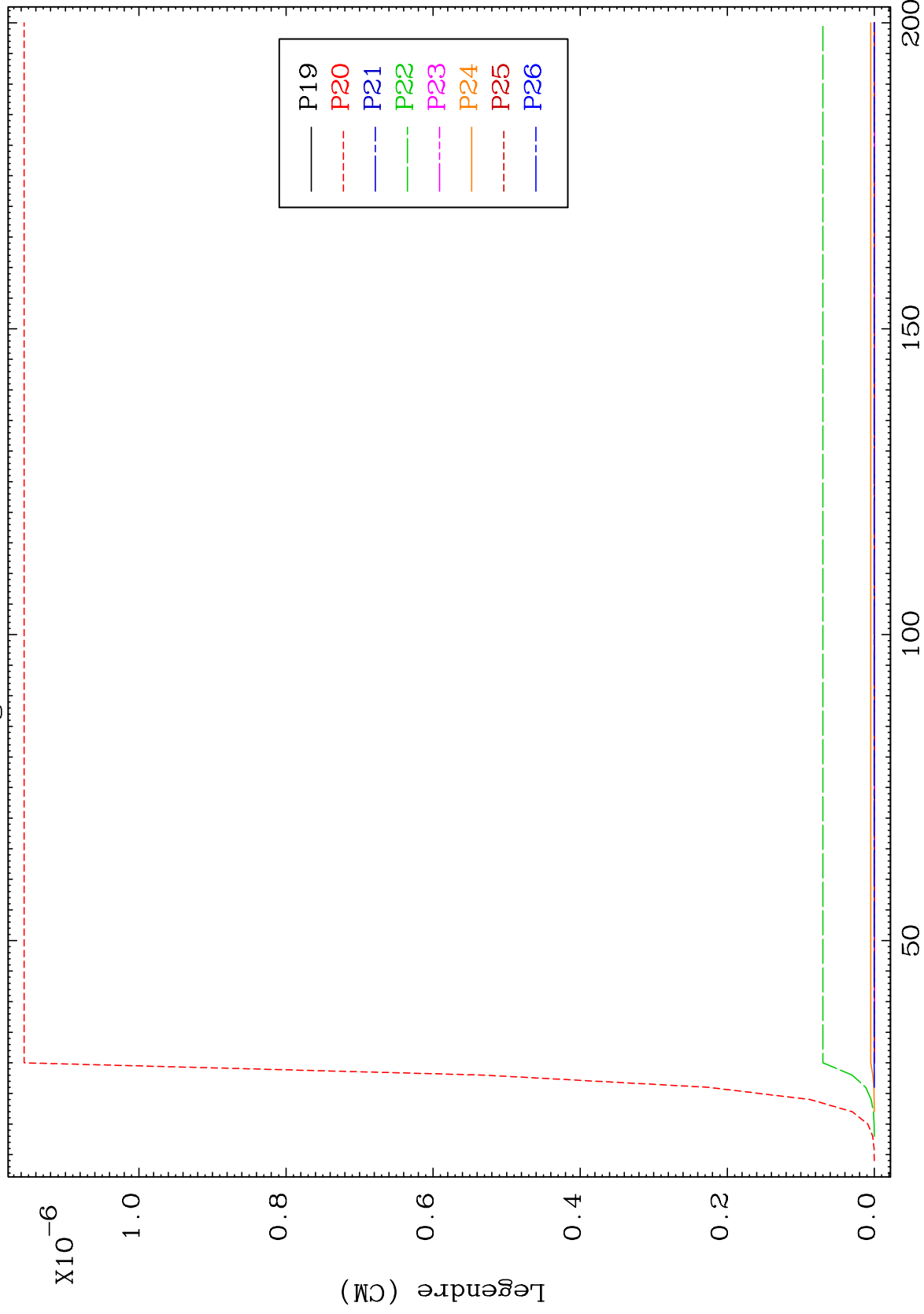
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



59

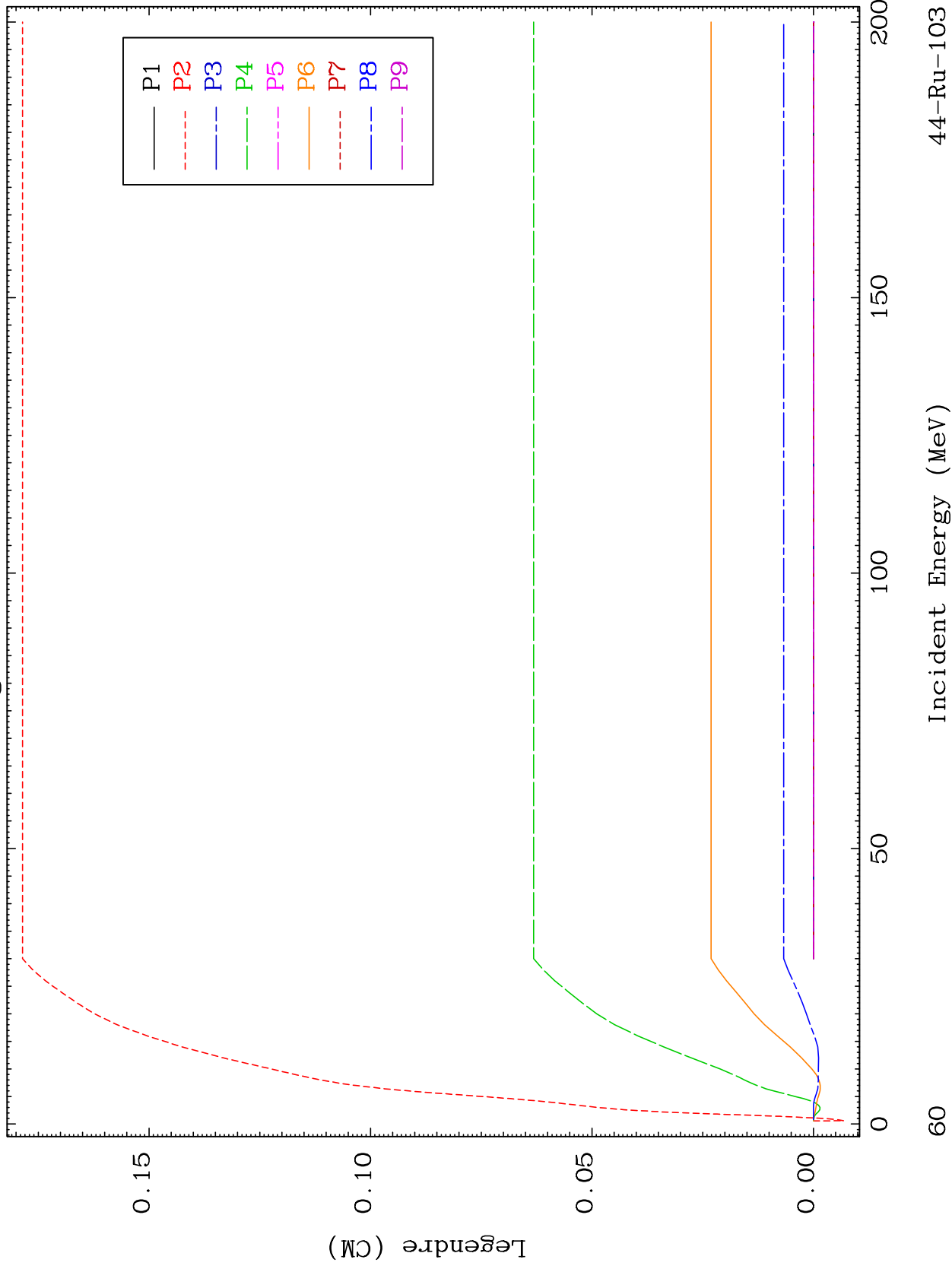
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103

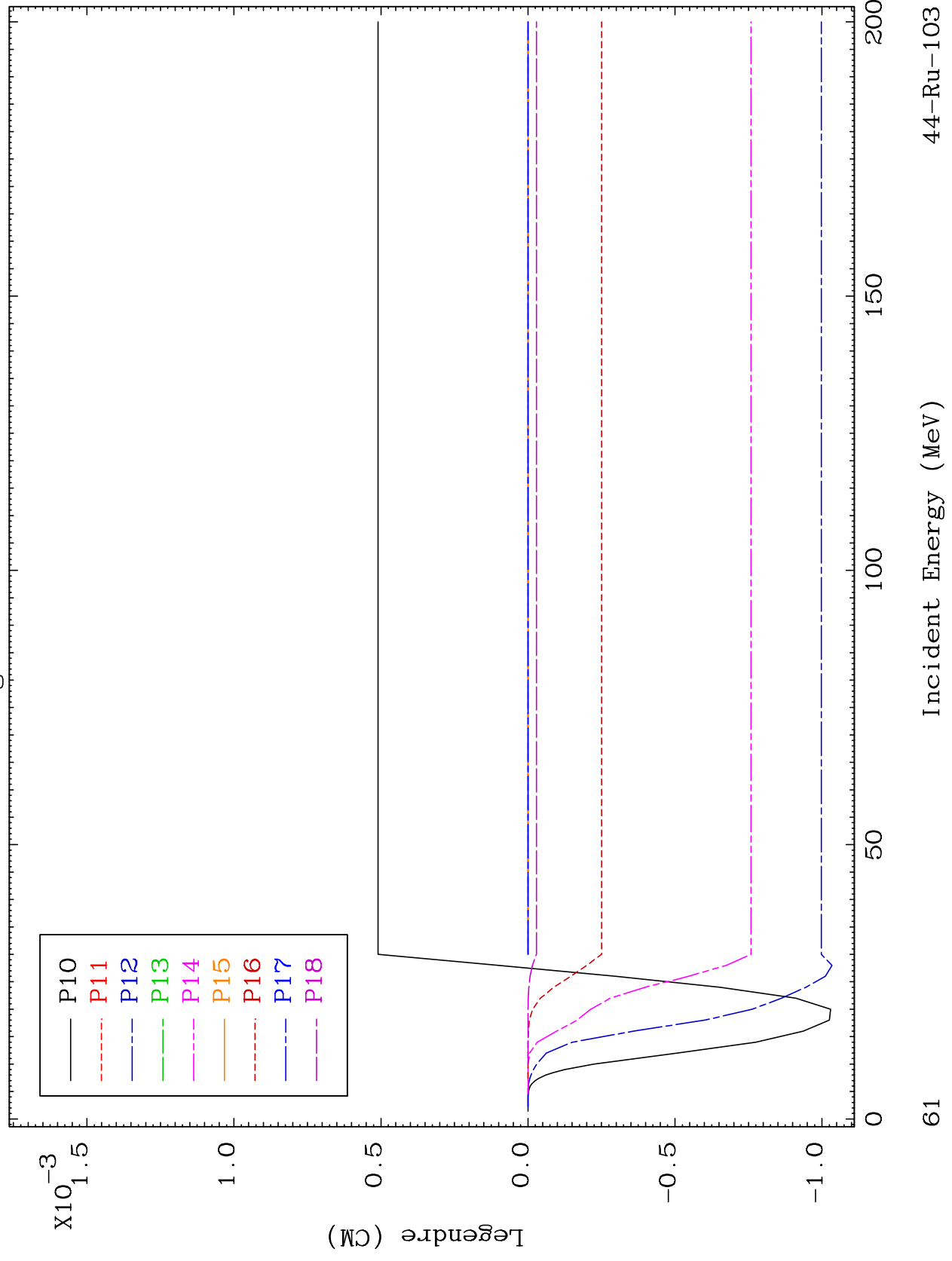


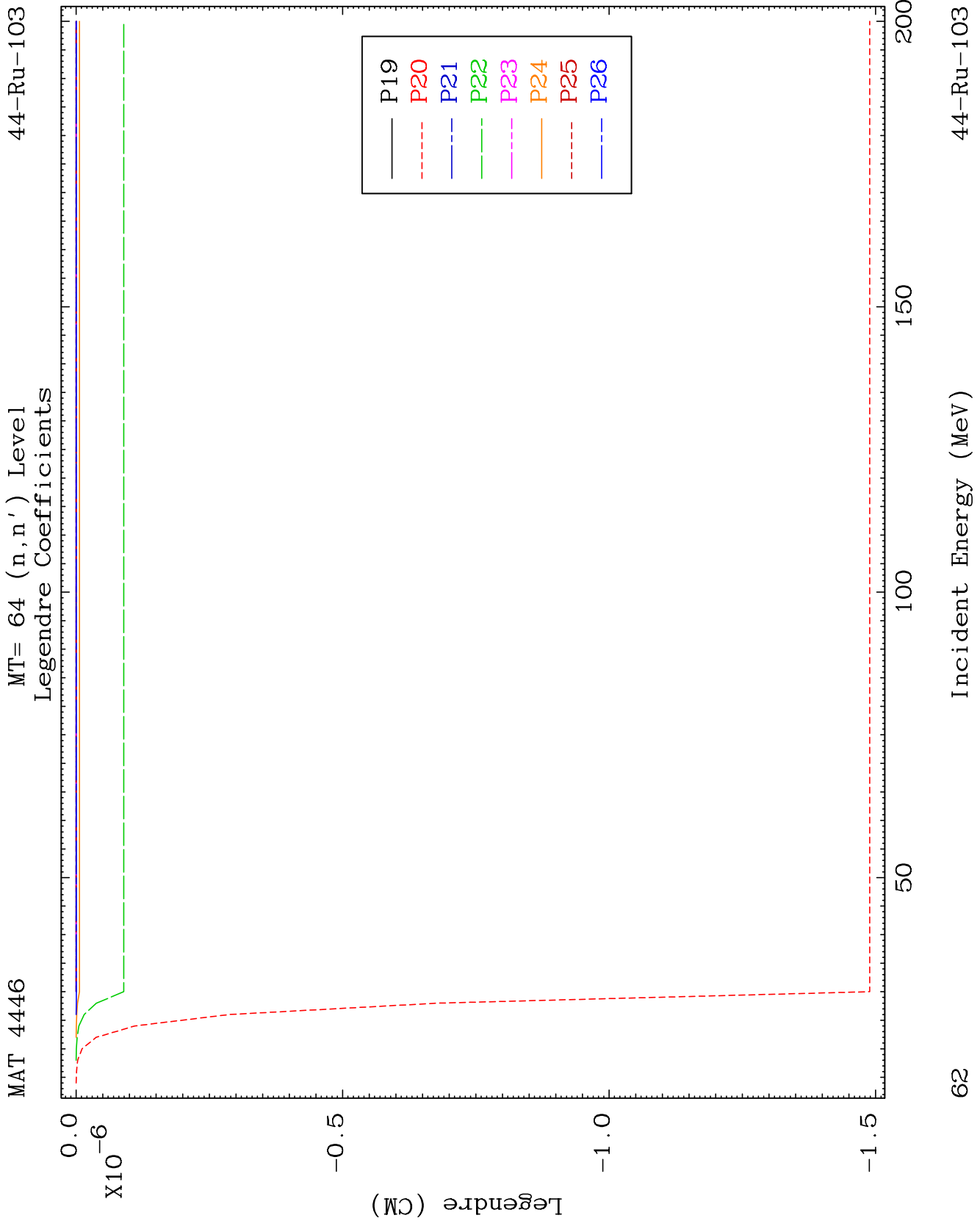
44-Ru-103

MAT 4446

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

44-Ru-103



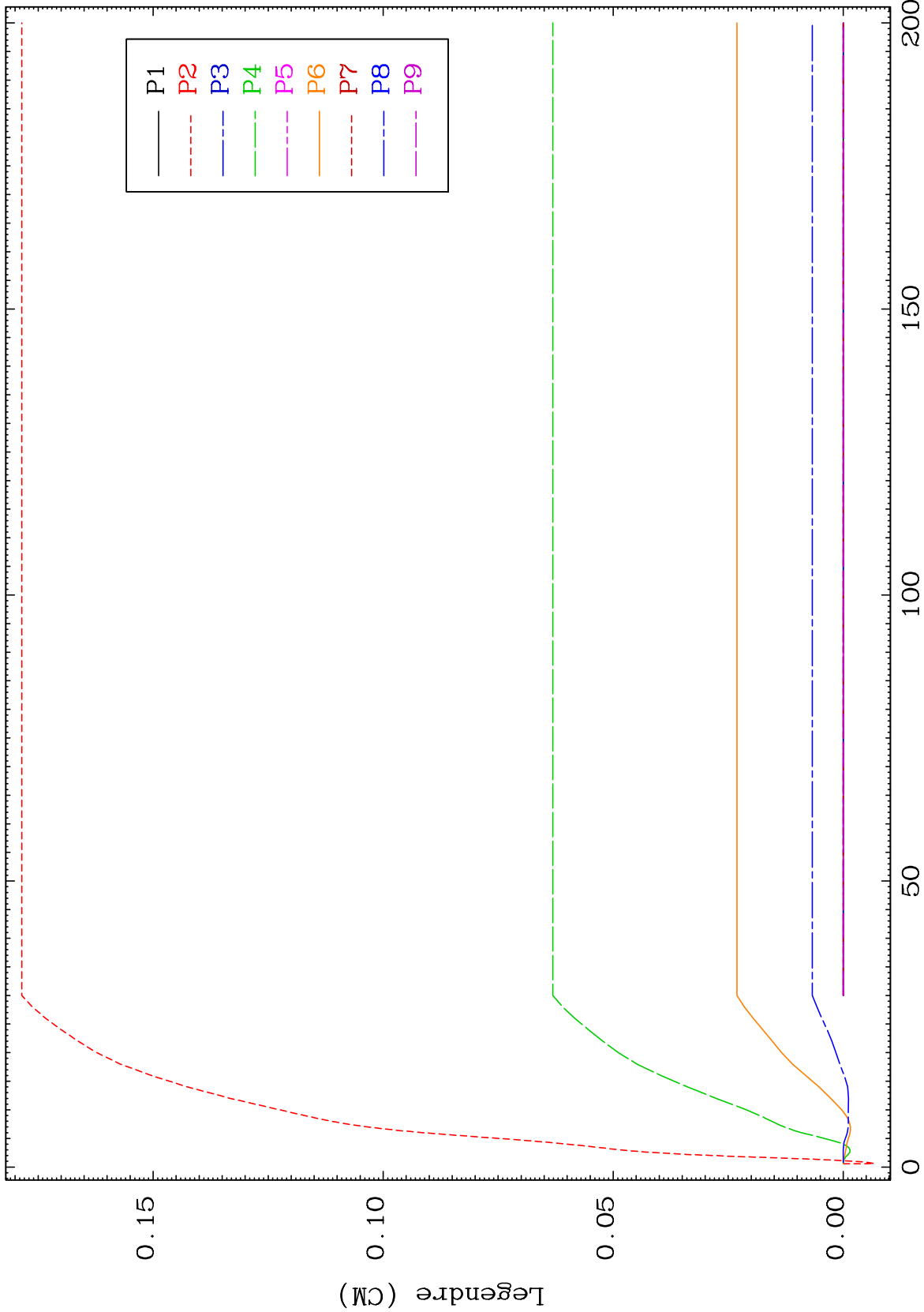


MAT 4446

MT= 65 (n,n') Level

44-Ru-103

Legendre Coefficients



63

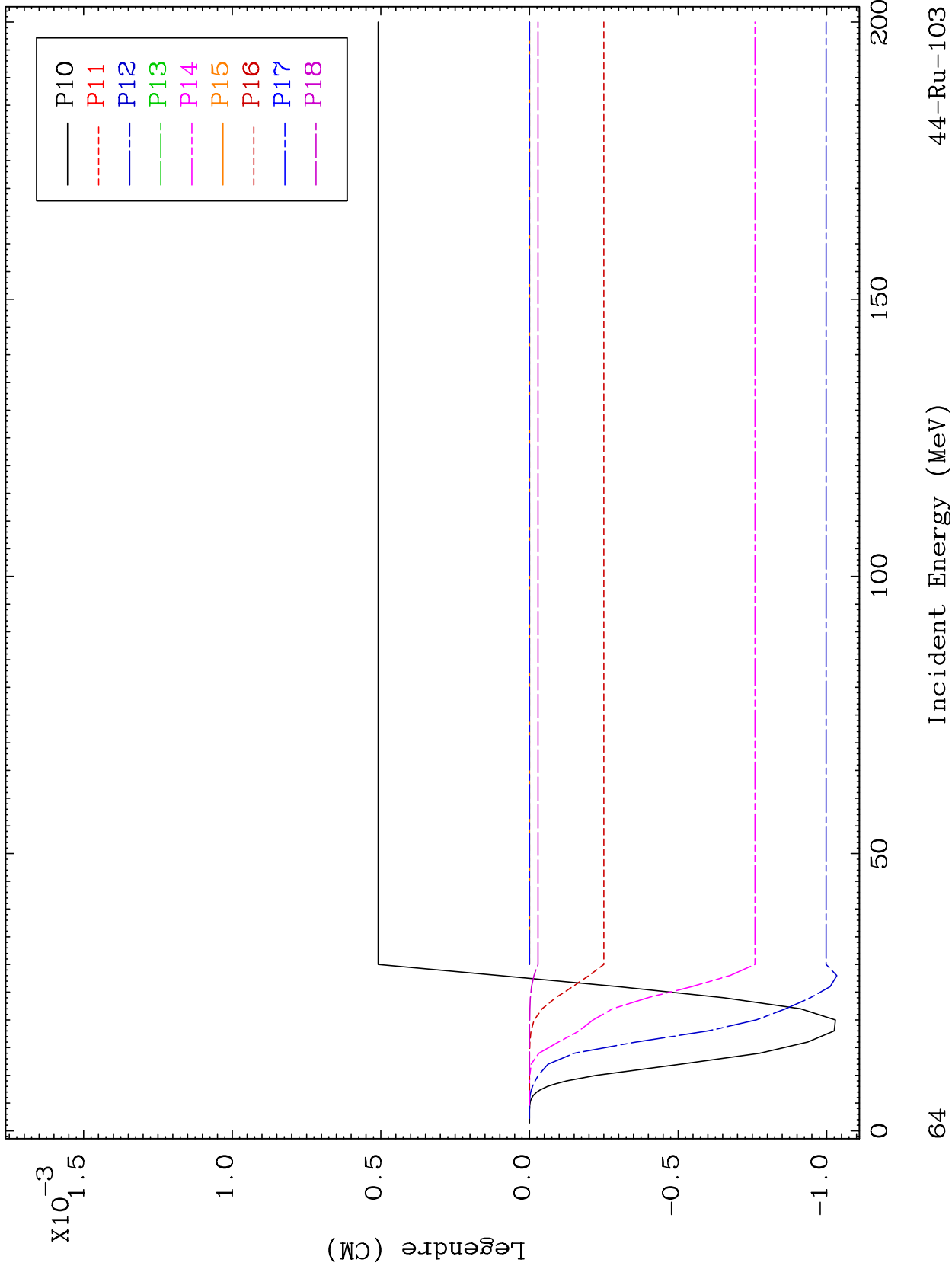
44-Ru-103

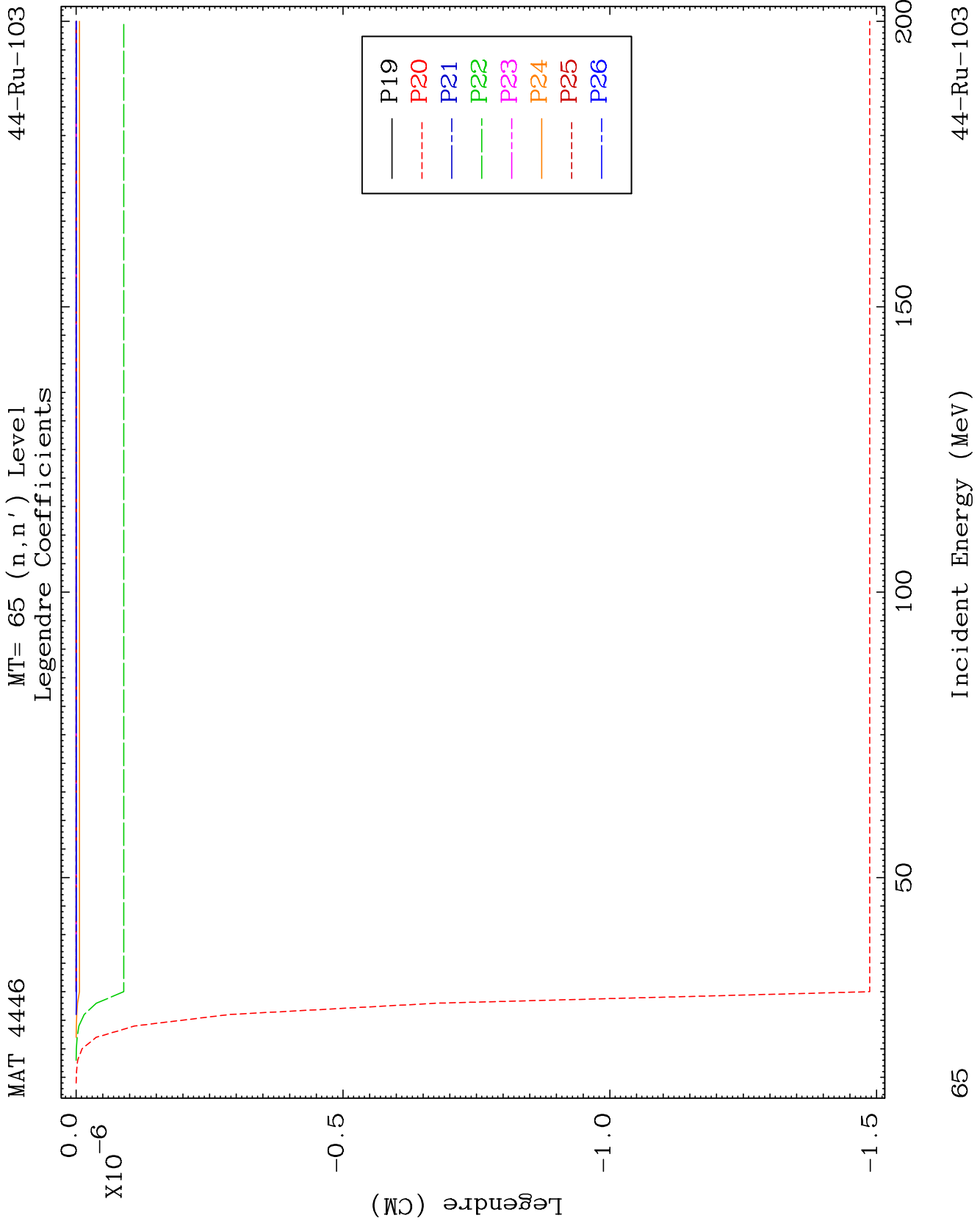


MAT 4446

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

44-Ru-103

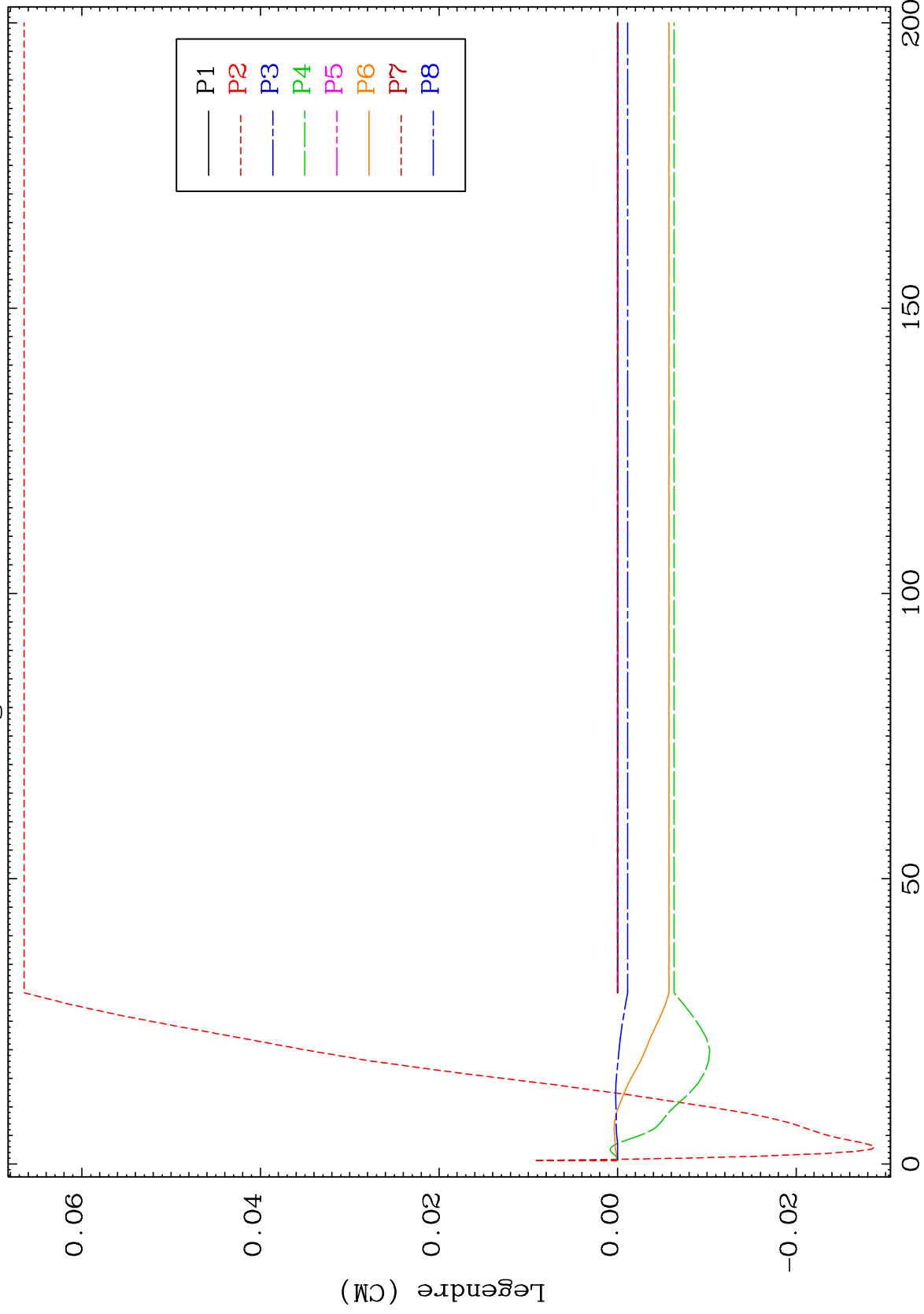




MAT 4446

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

44-Ru-103



66

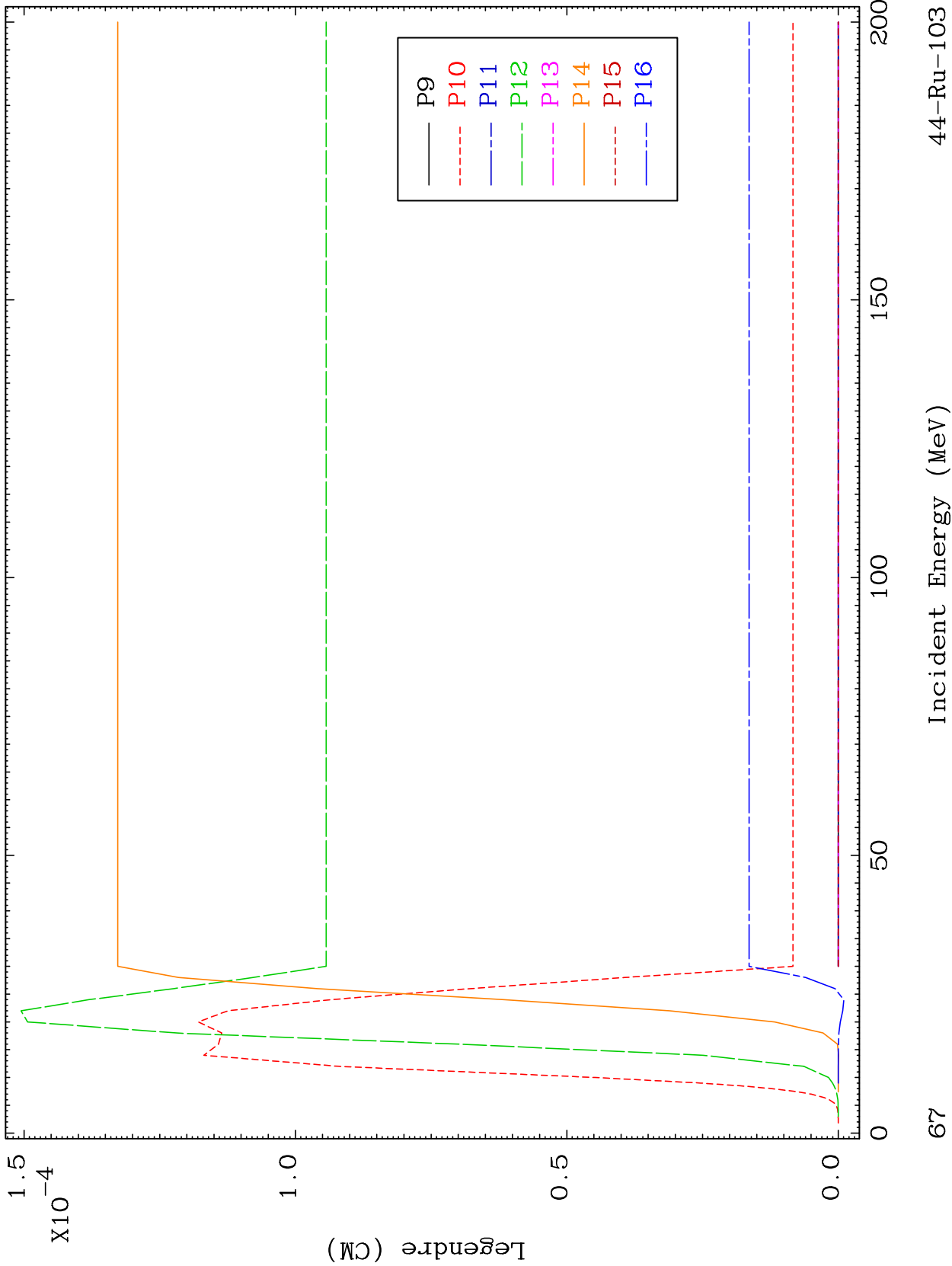
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



44-Ru-103

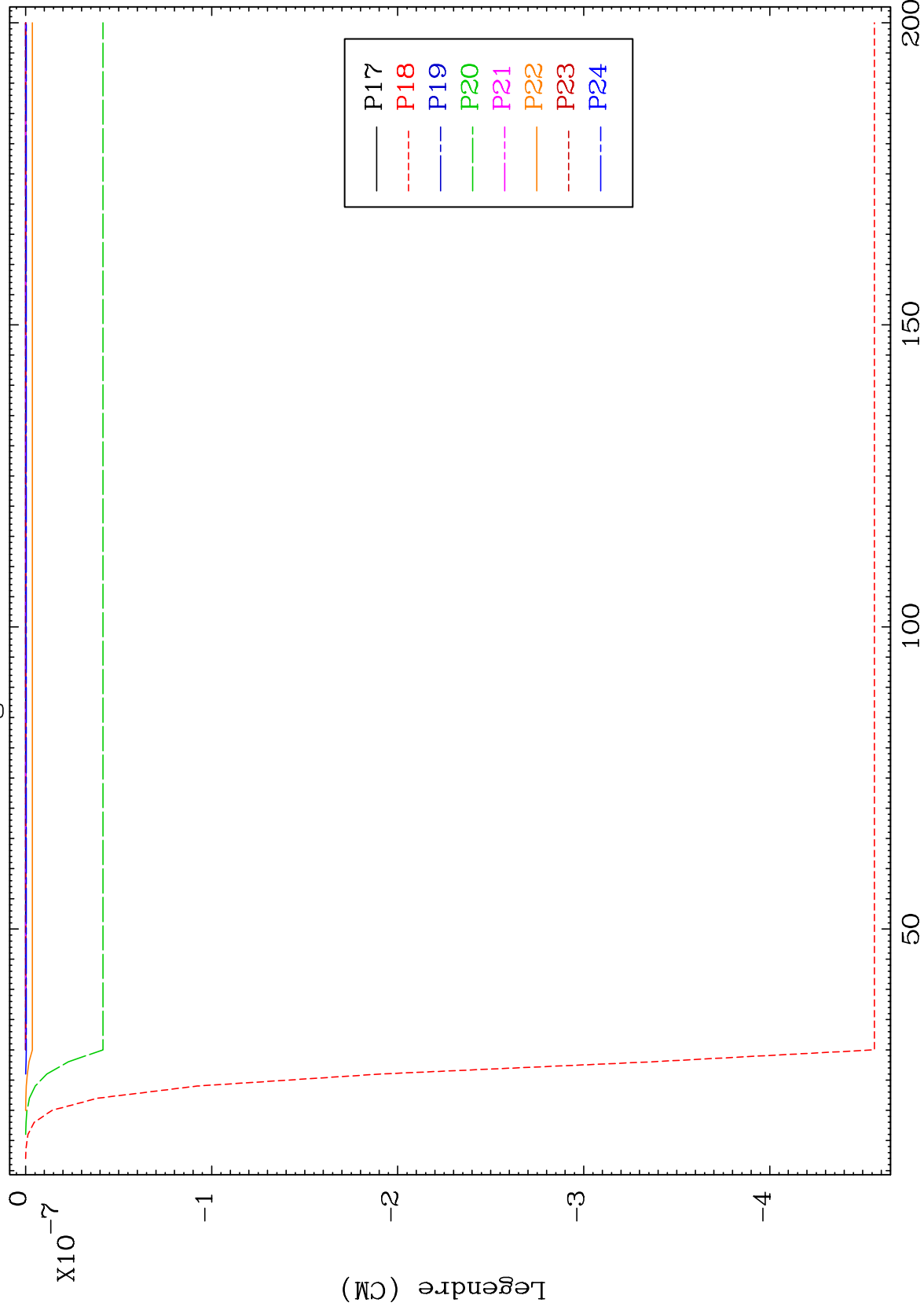
Incident Energy (MeV)

67

MAT 4446

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

44-Ru-103



68

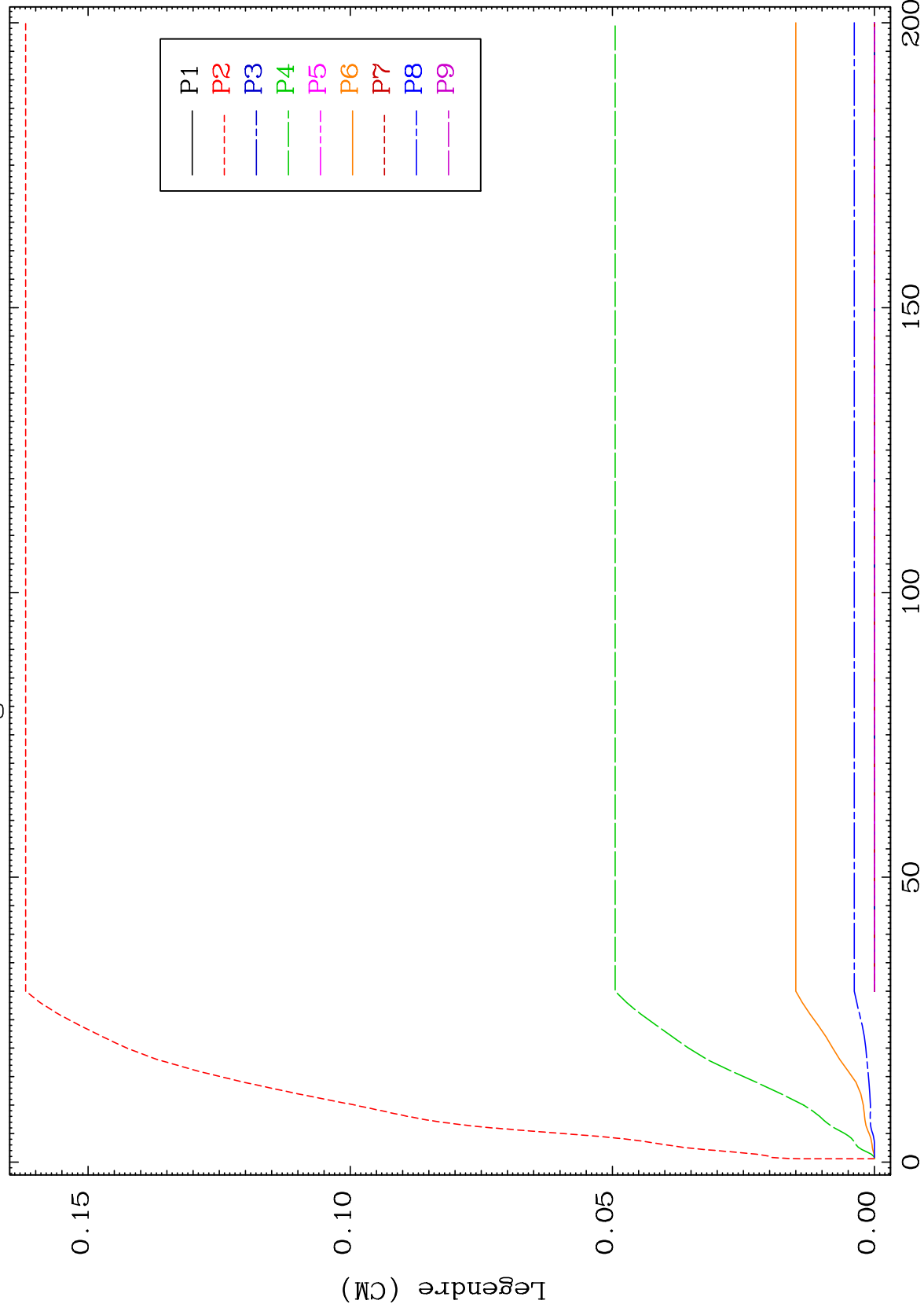
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



69

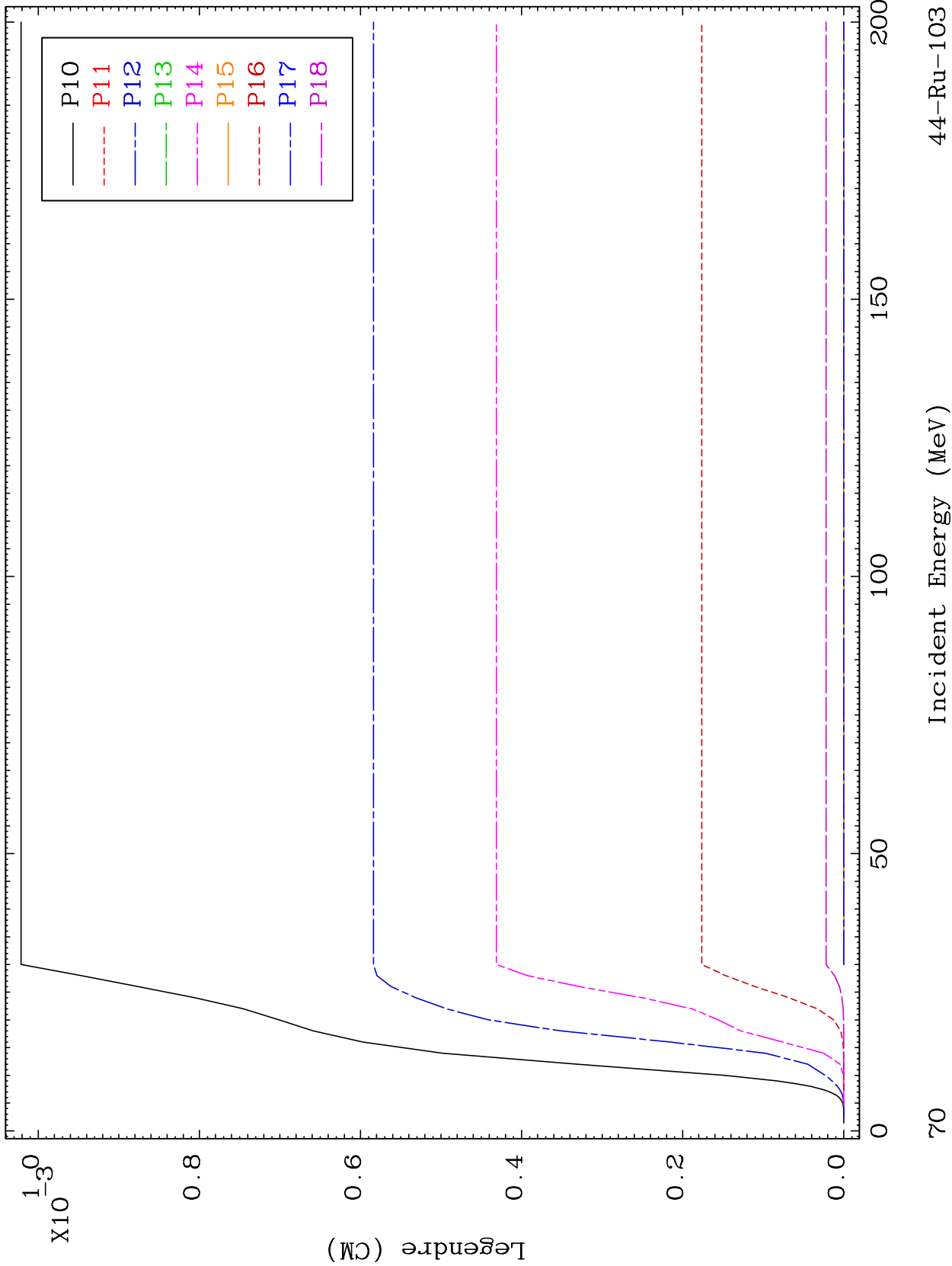
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



44-Ru-103

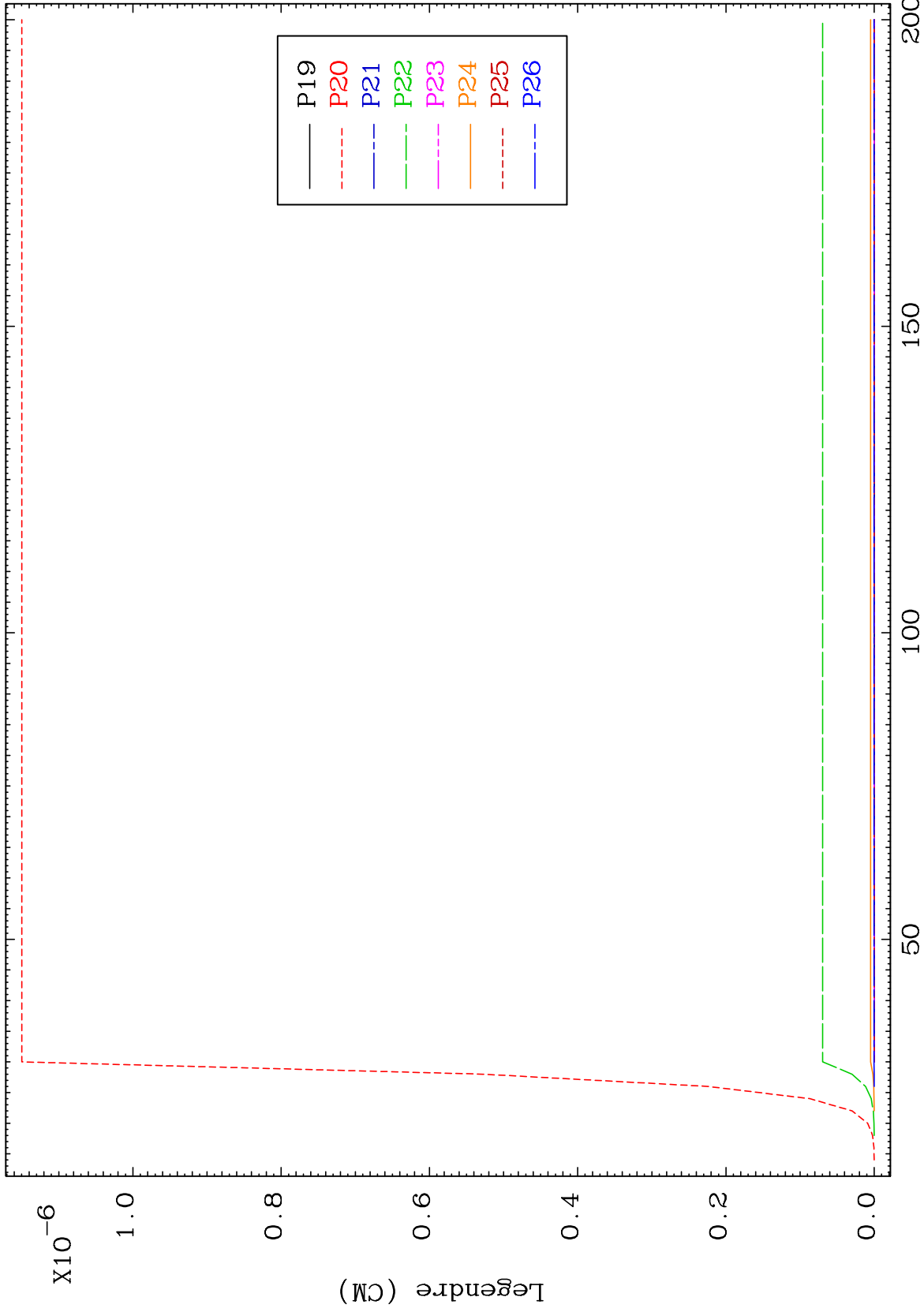
Incident Energy (MeV)

70

MAT 4446

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

44-Ru-103



71

Incident Energy (MeV)

44-Ru-103

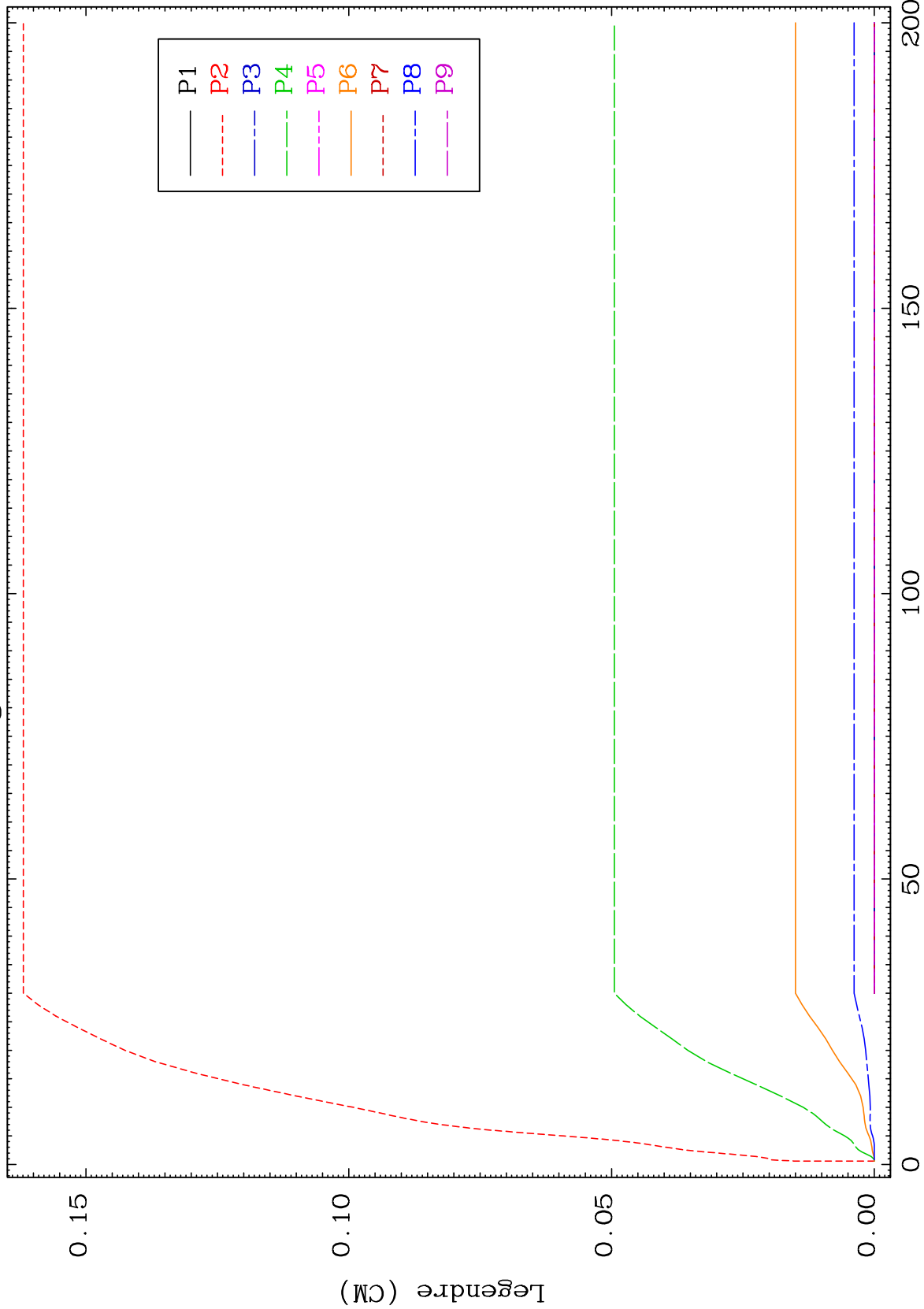


MAT 4446

MT= 68 (n,n') Level

44-Ru-103

Legendre Coefficients



72

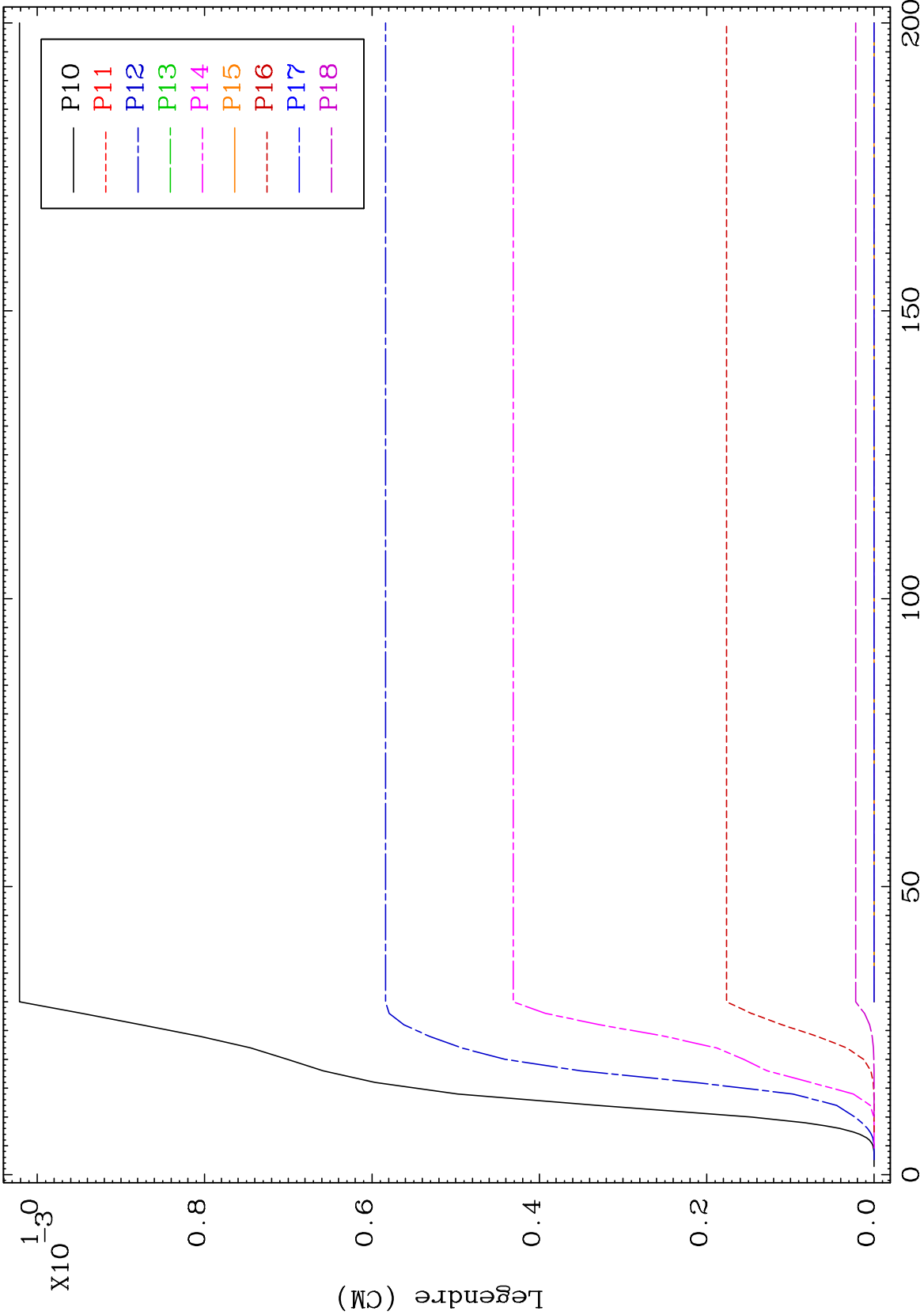
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



73

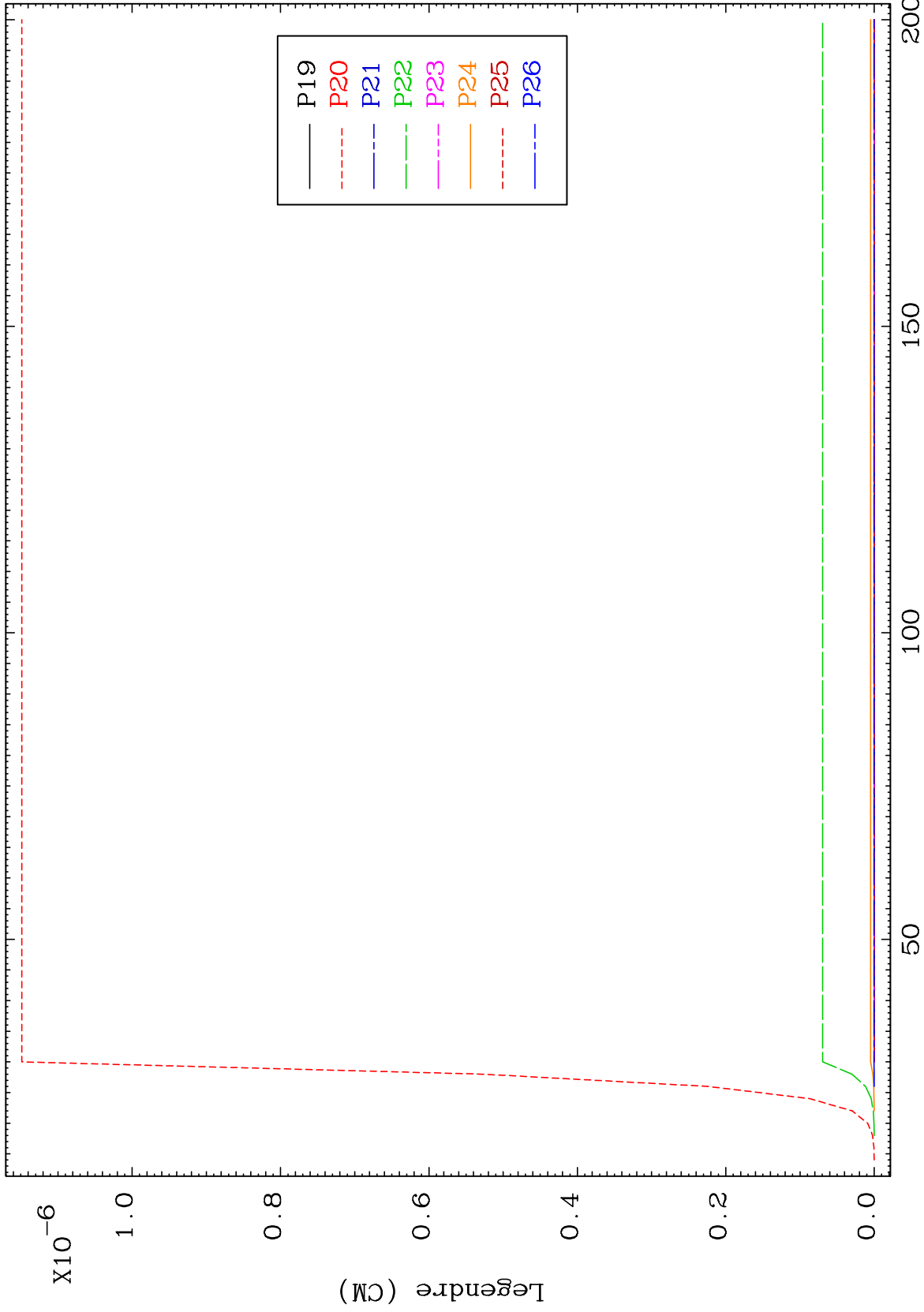
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



74

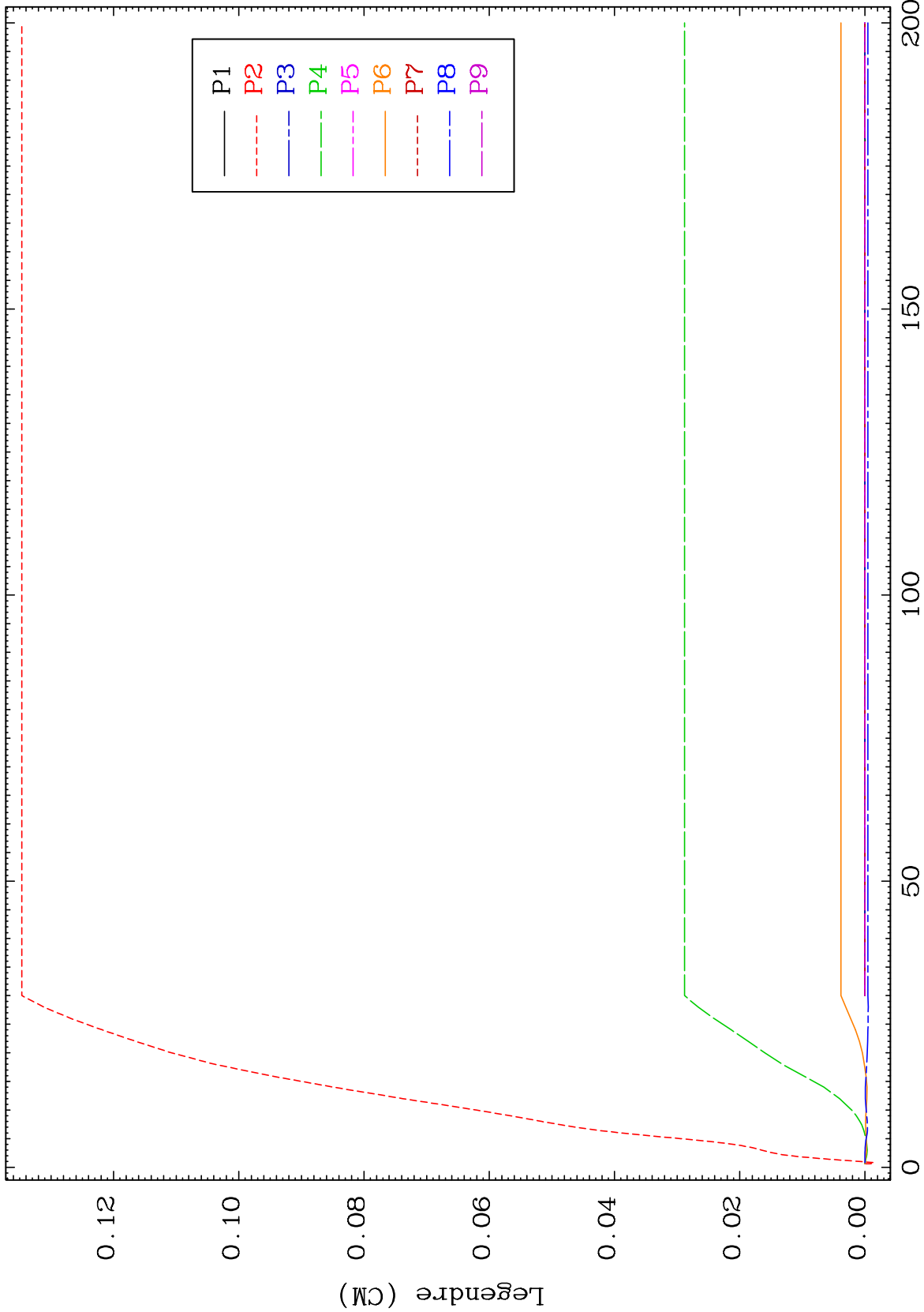
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



75

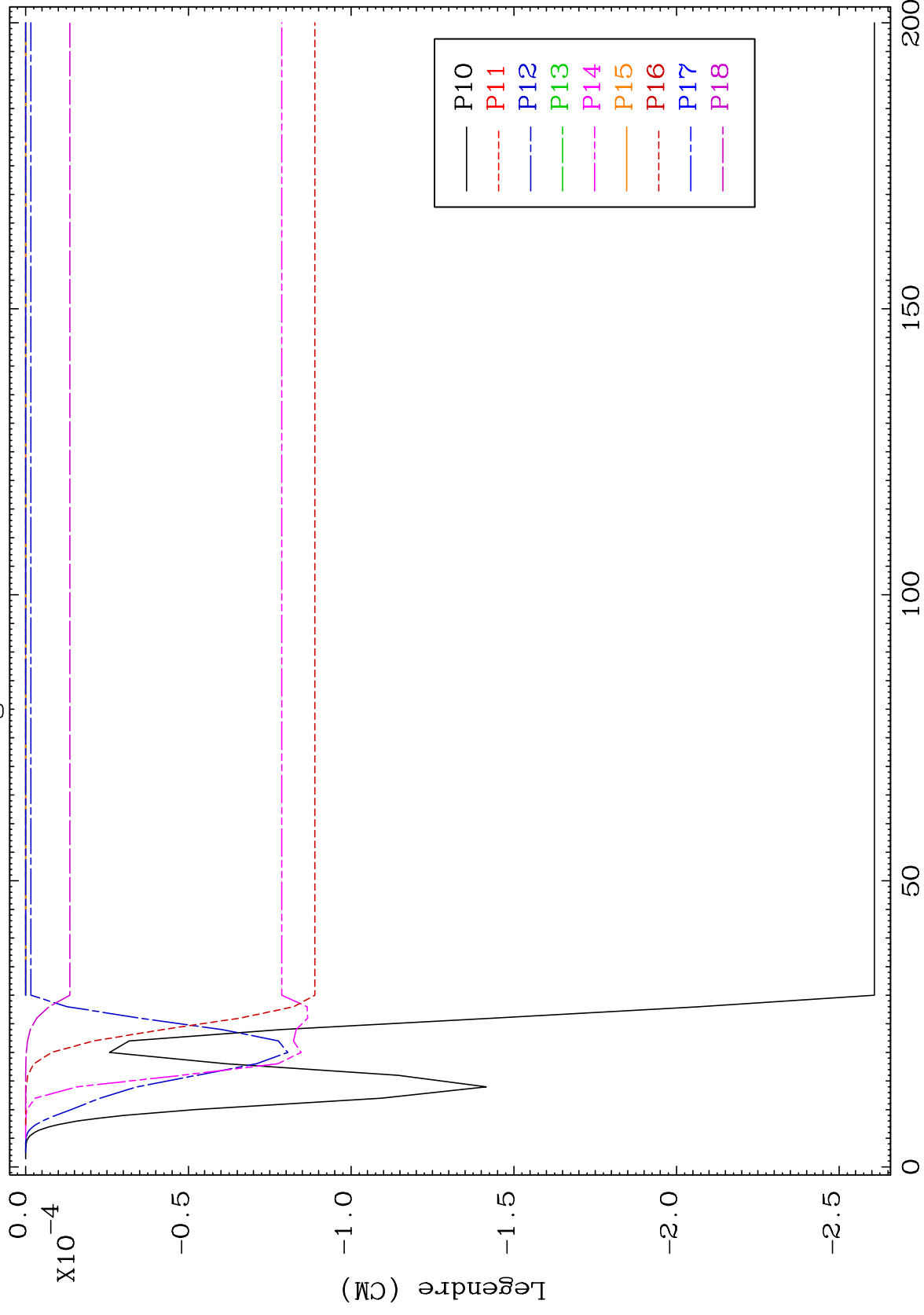
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



76

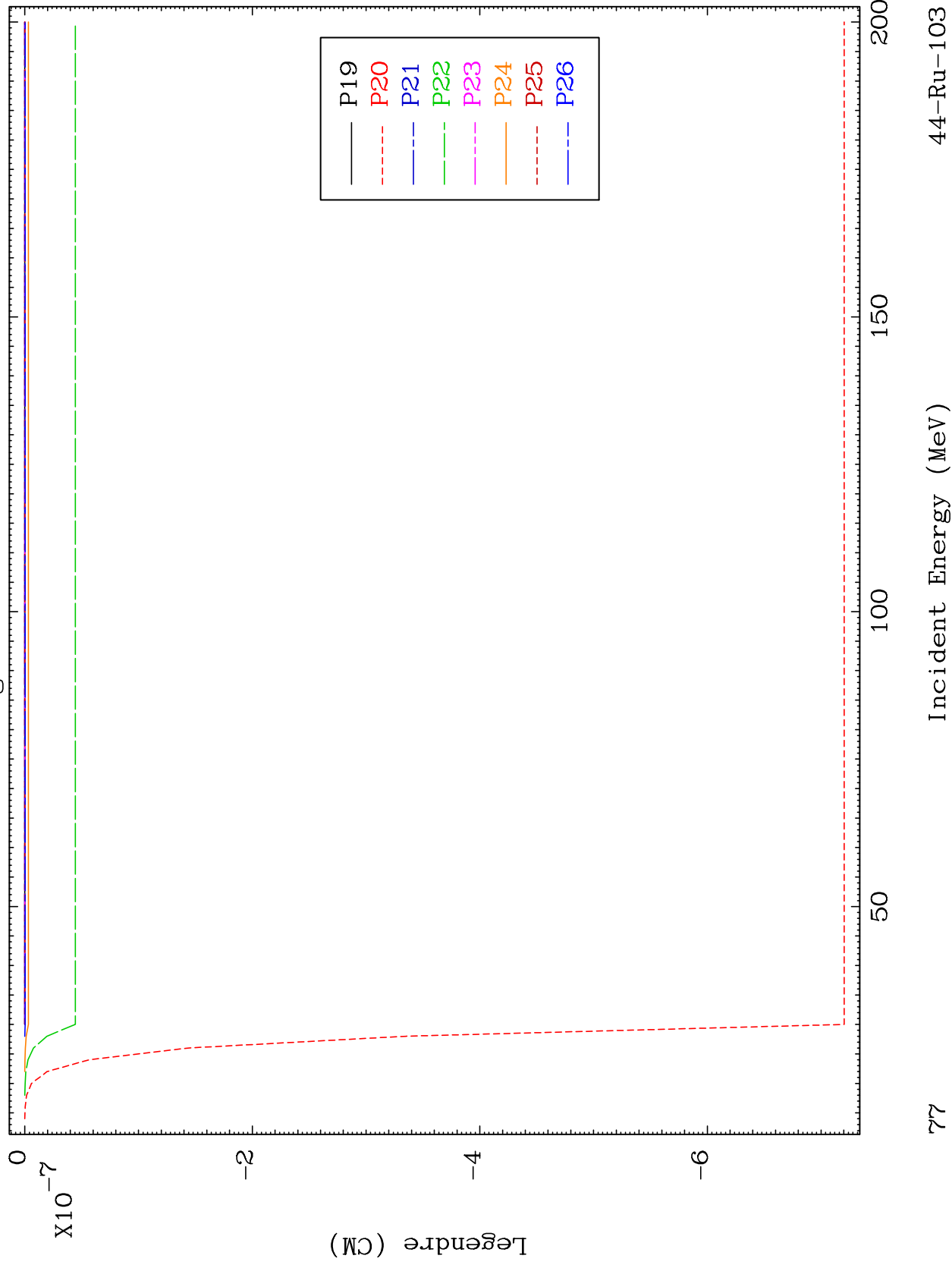
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



77

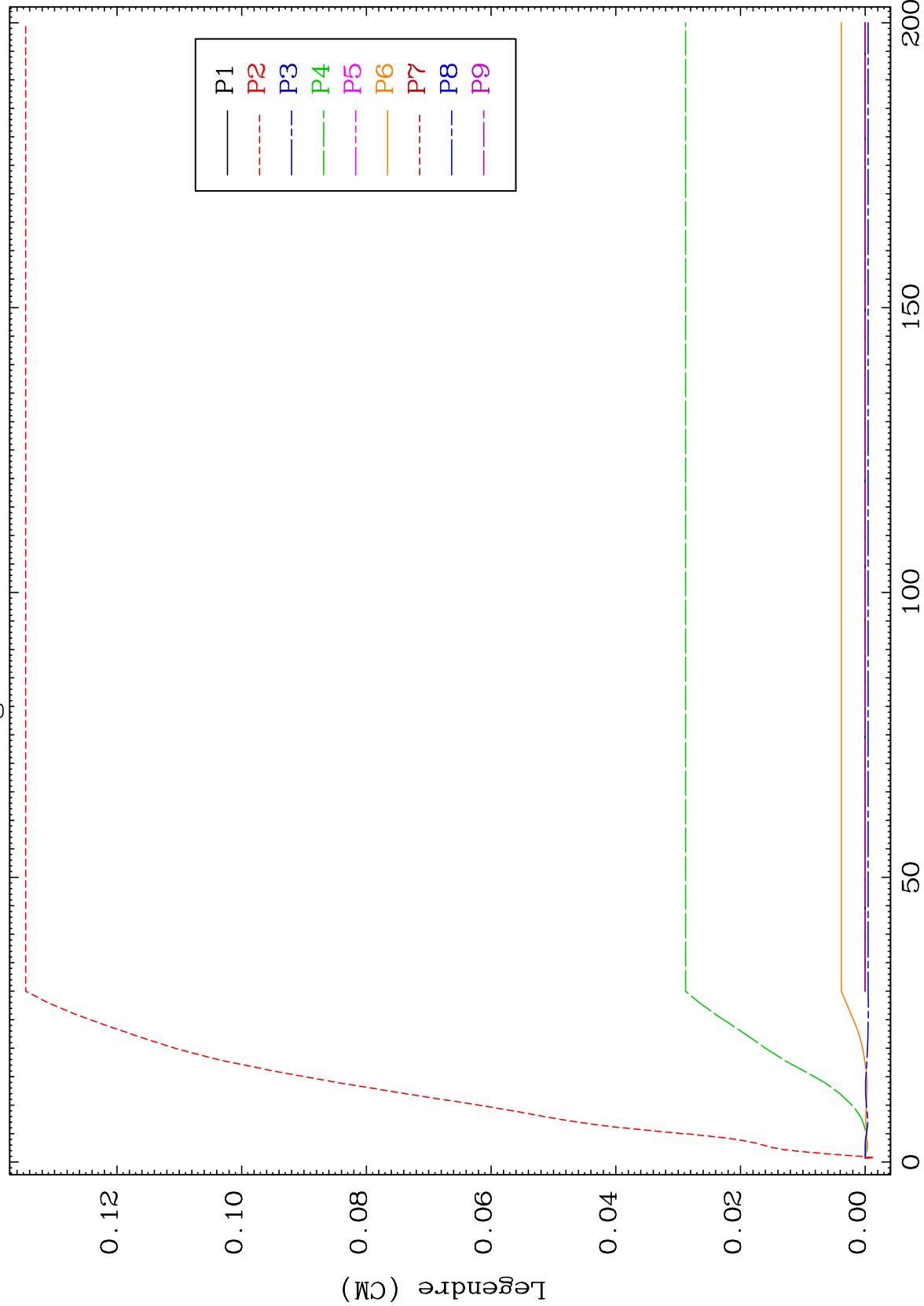
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



78

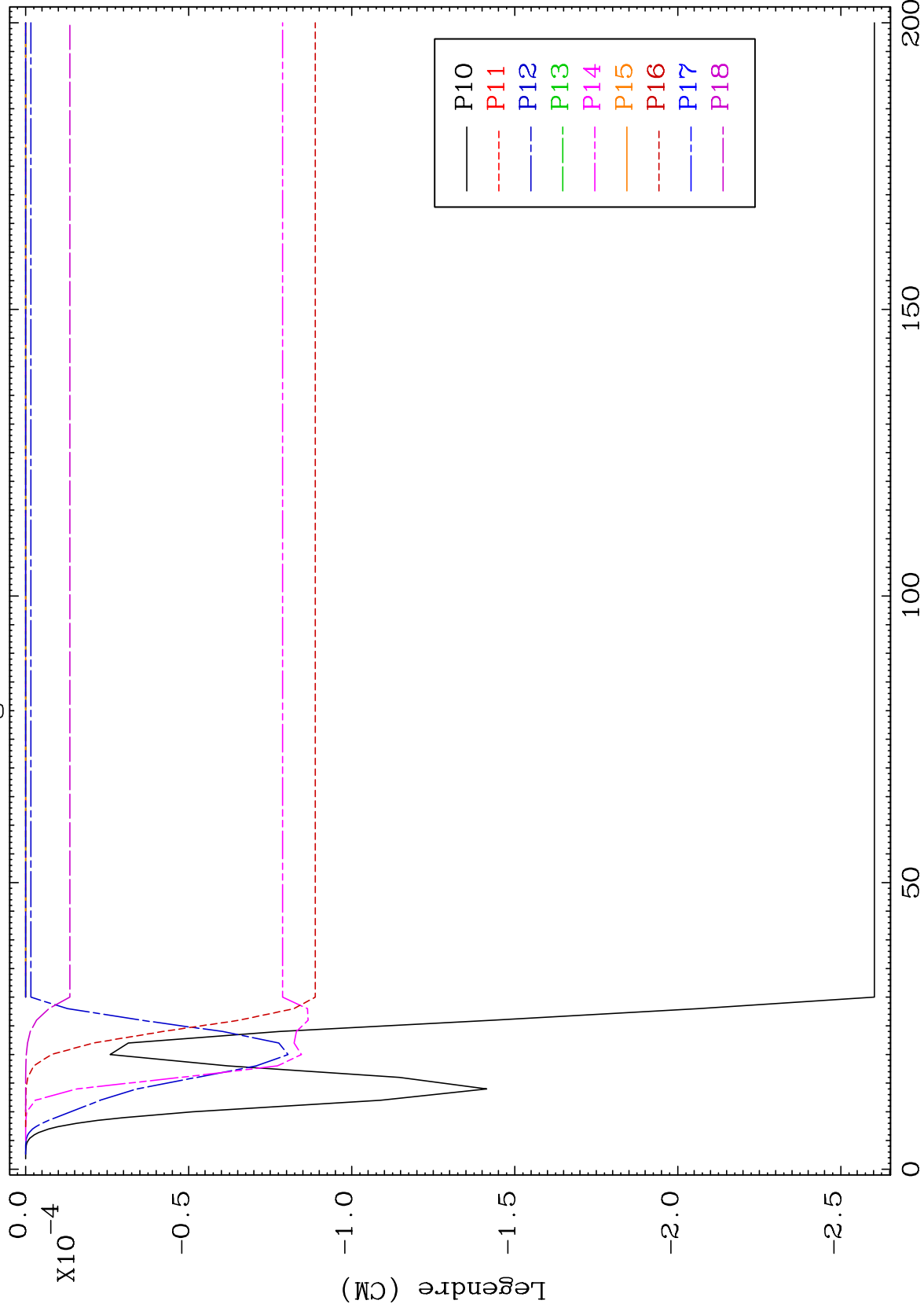
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103

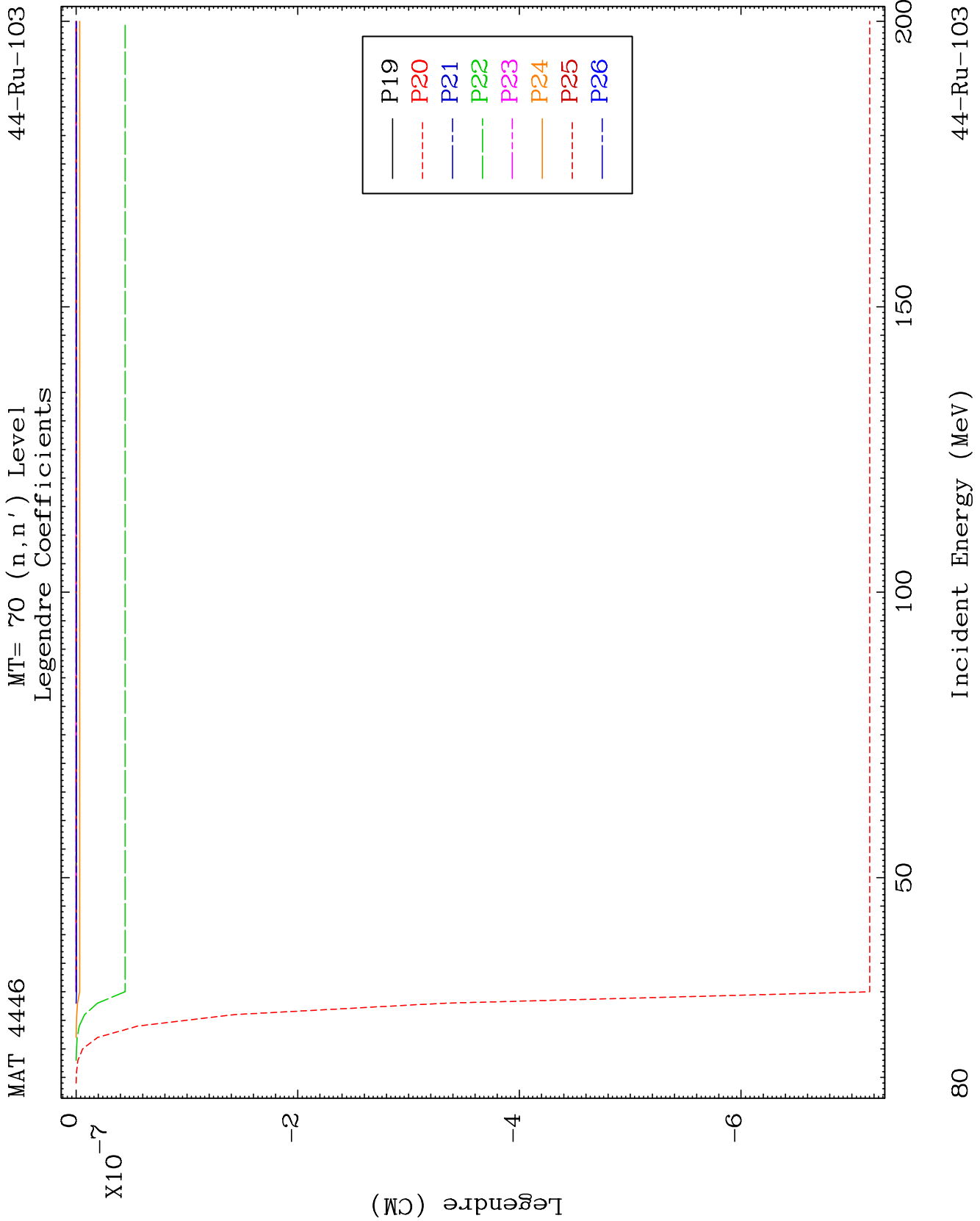


79

Incident Energy (MeV)

44-Ru-103

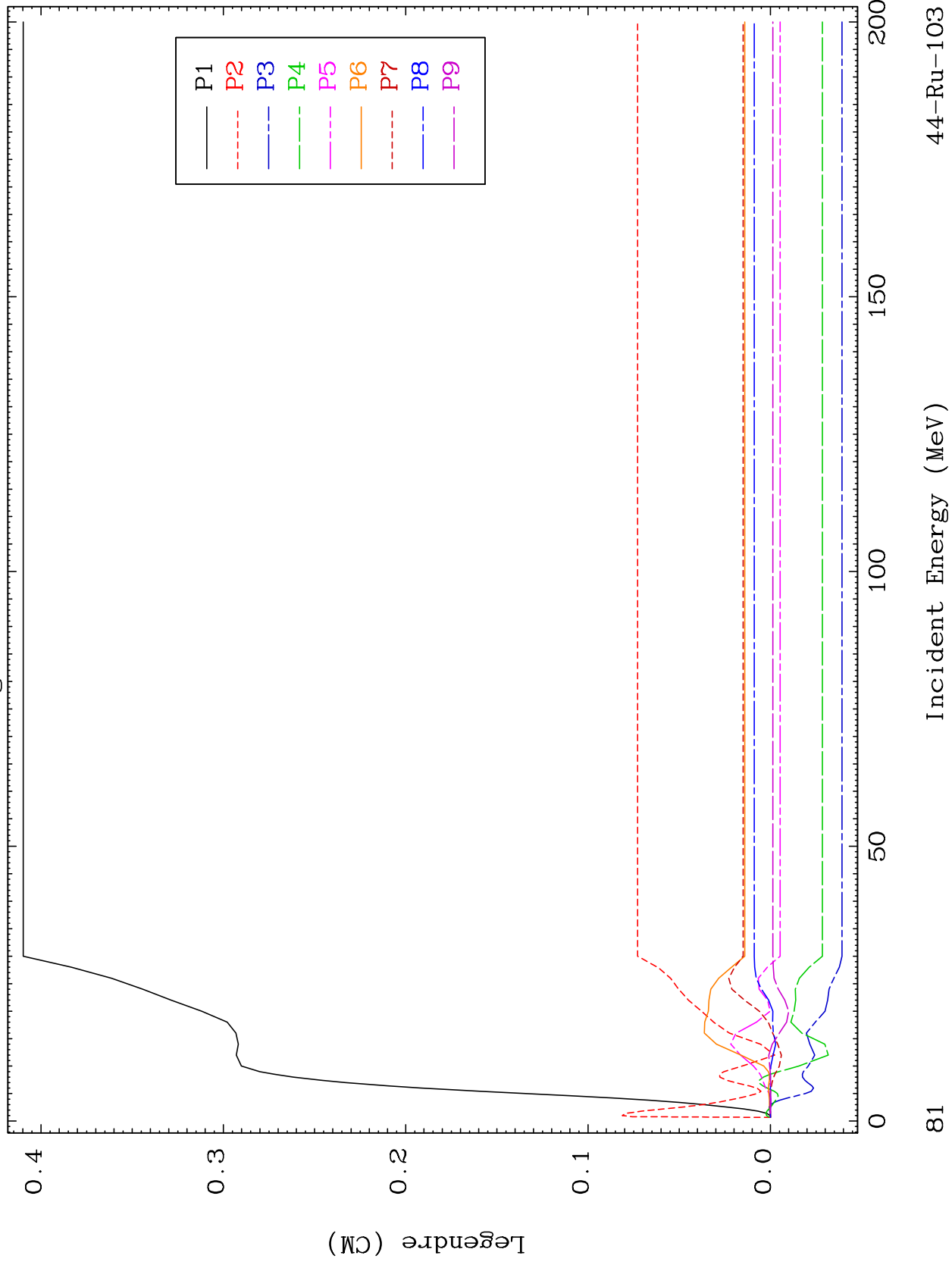




MAT 4446

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

44-Ru-103



81

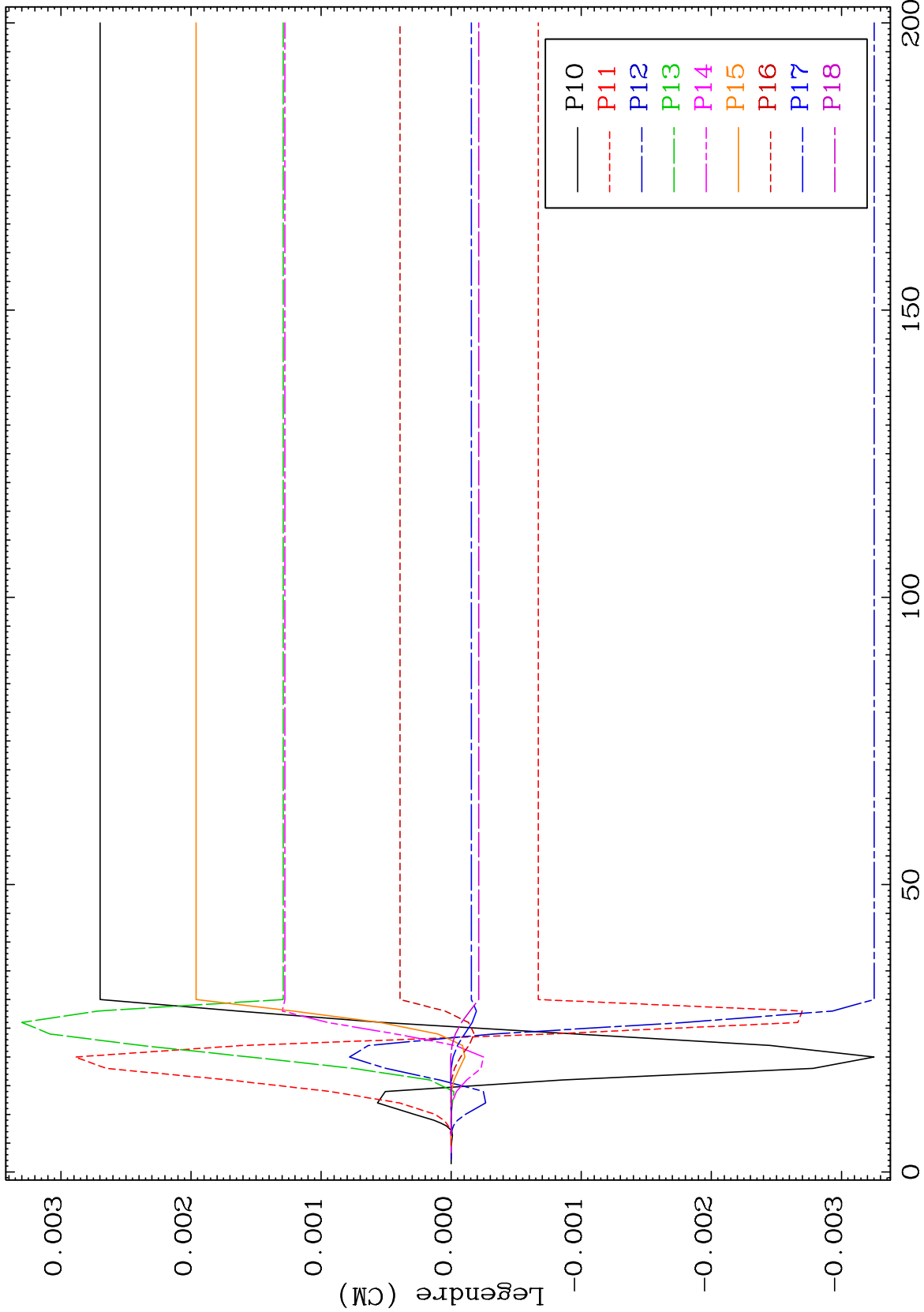
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



82

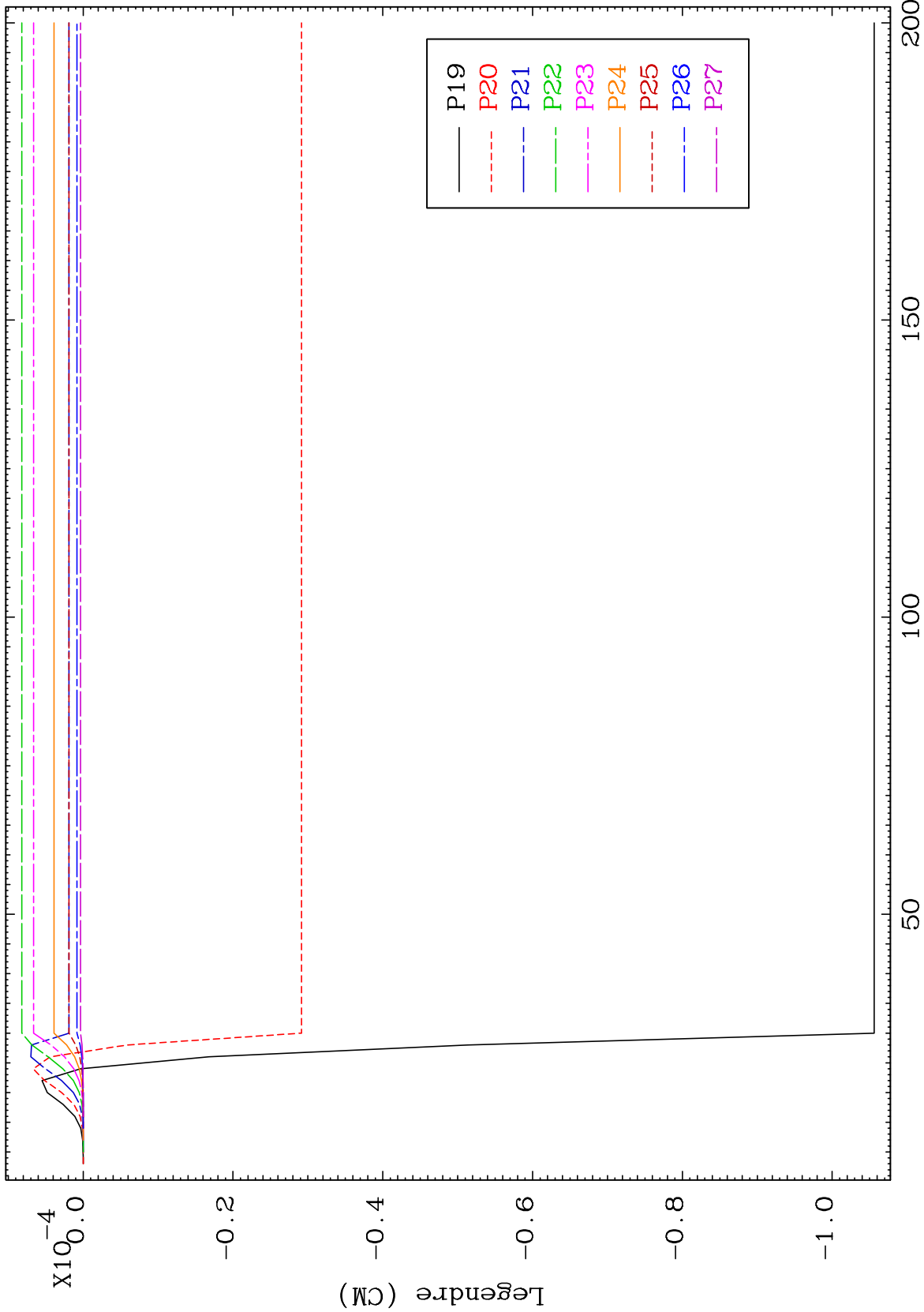
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

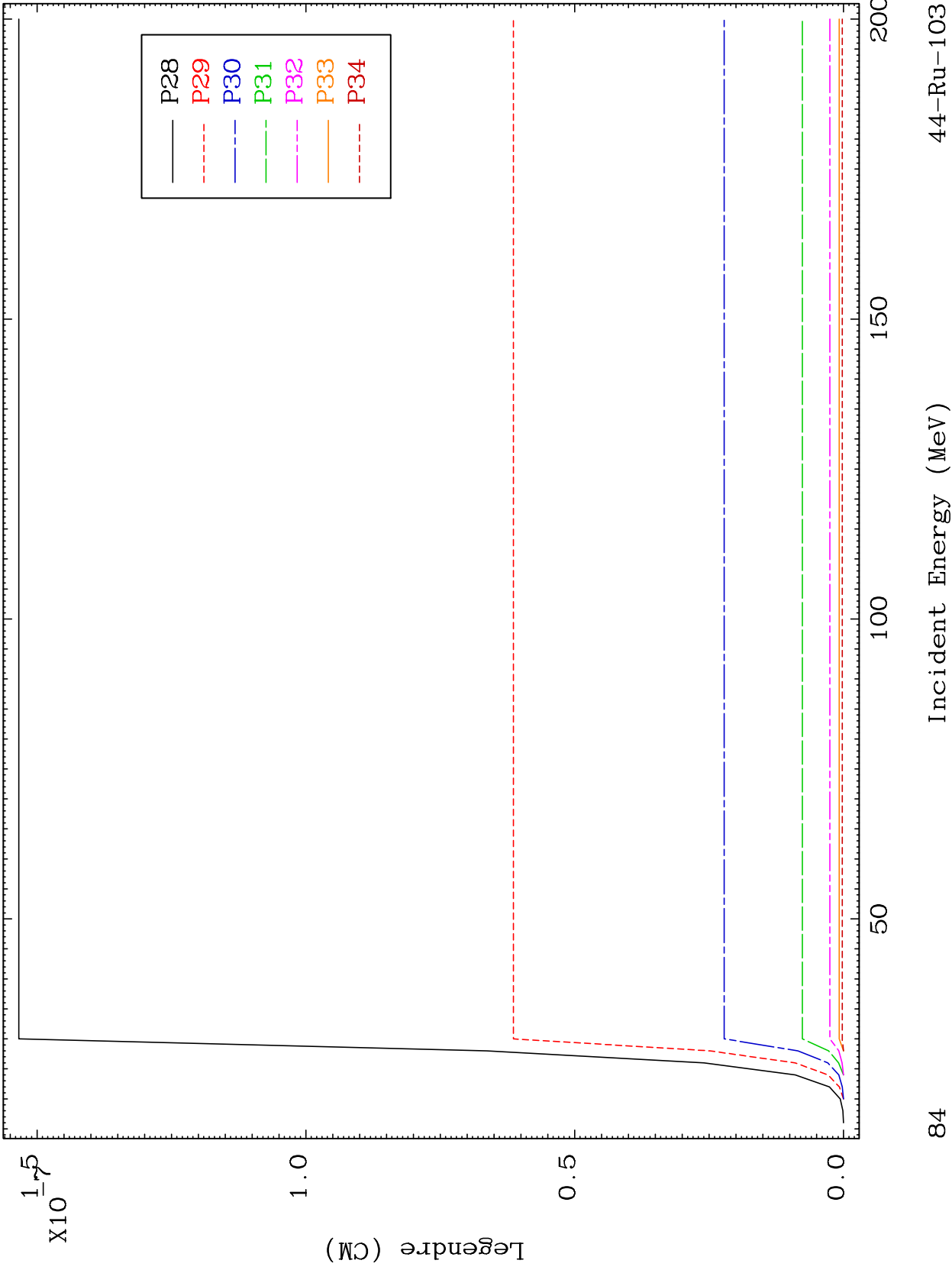
44-Ru-103



MAT 4446

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

44-Ru-103

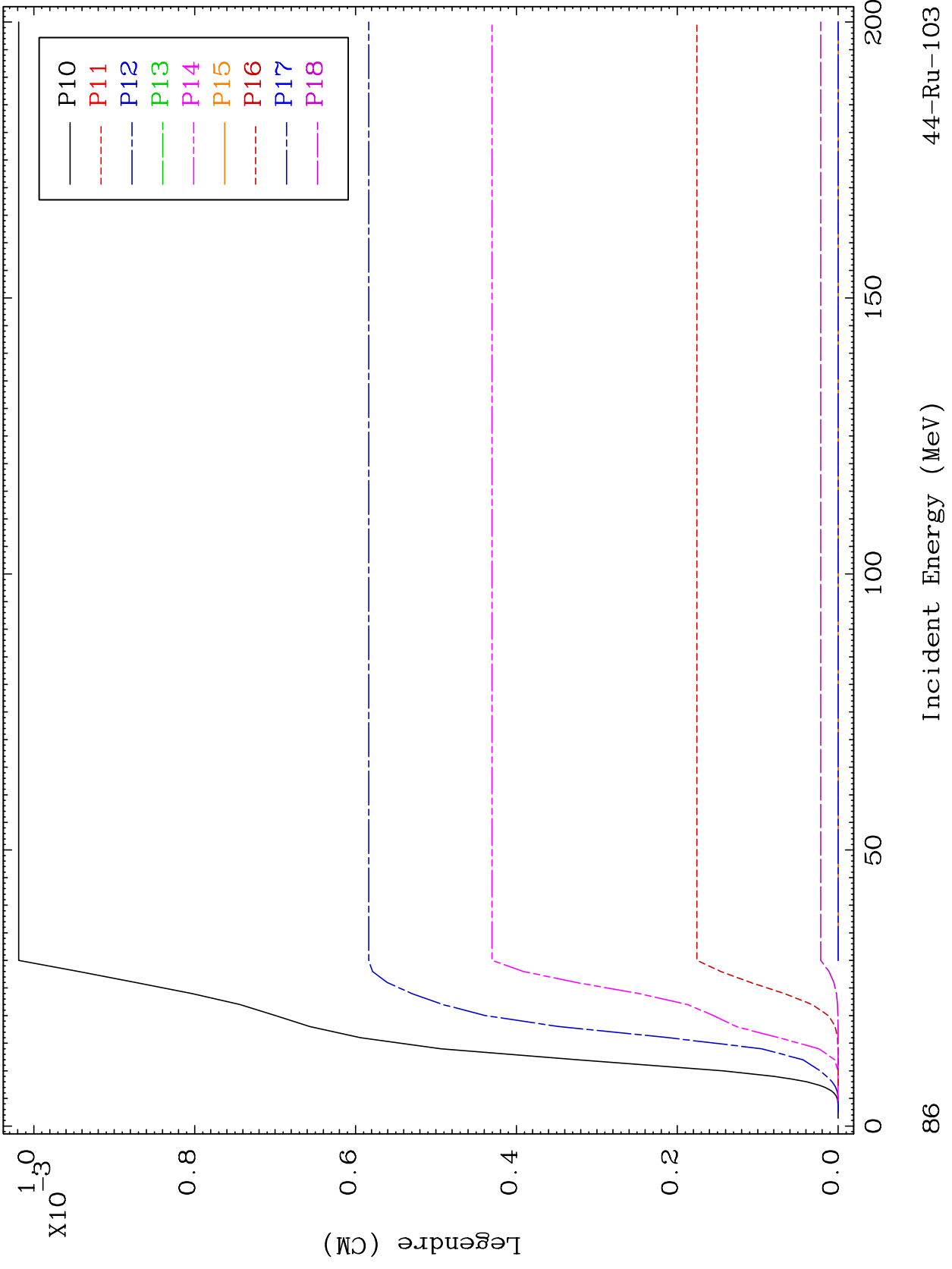




MAT 4446

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

44-Ru-103

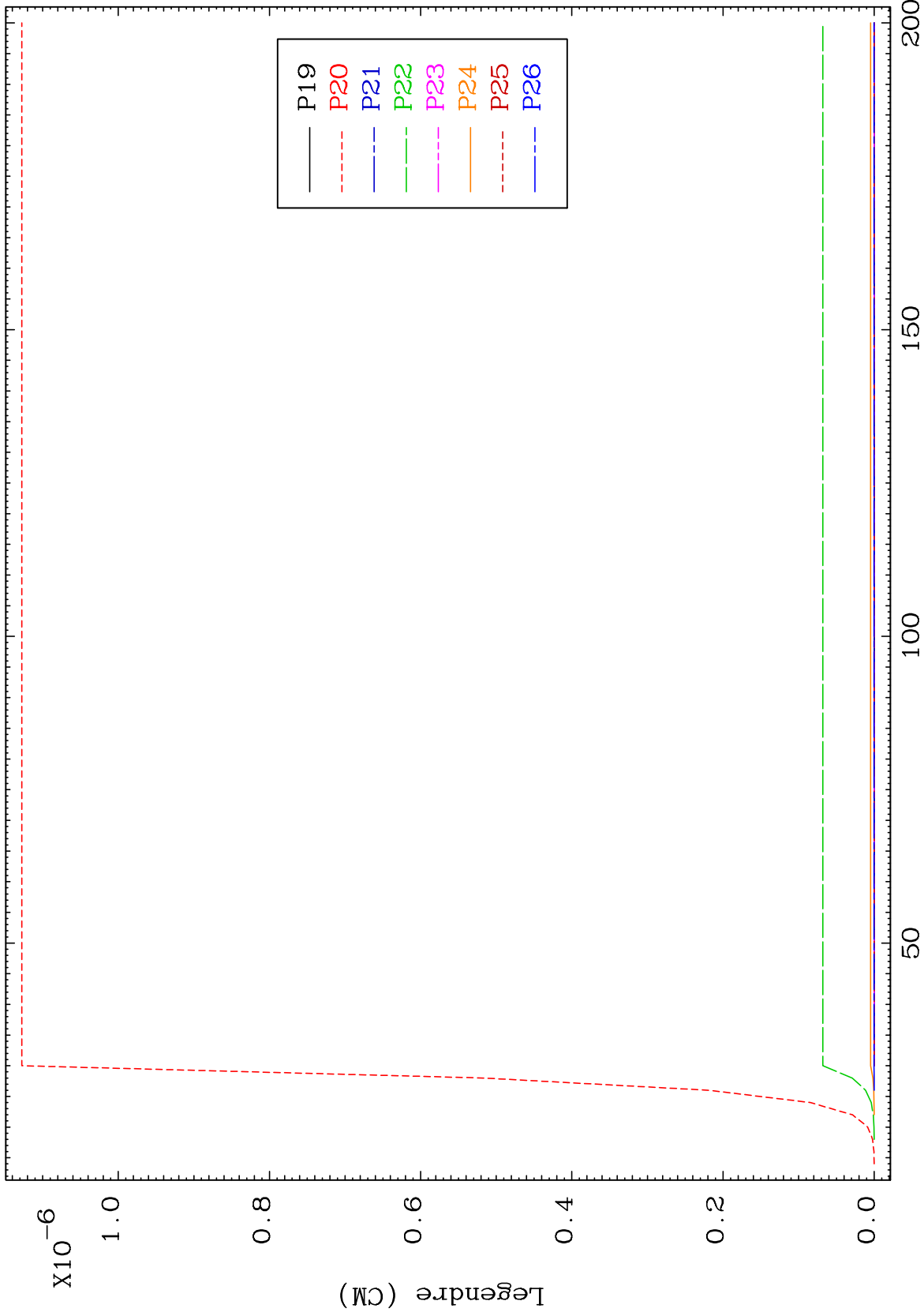


86

MAT 4446

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

44-Ru-103

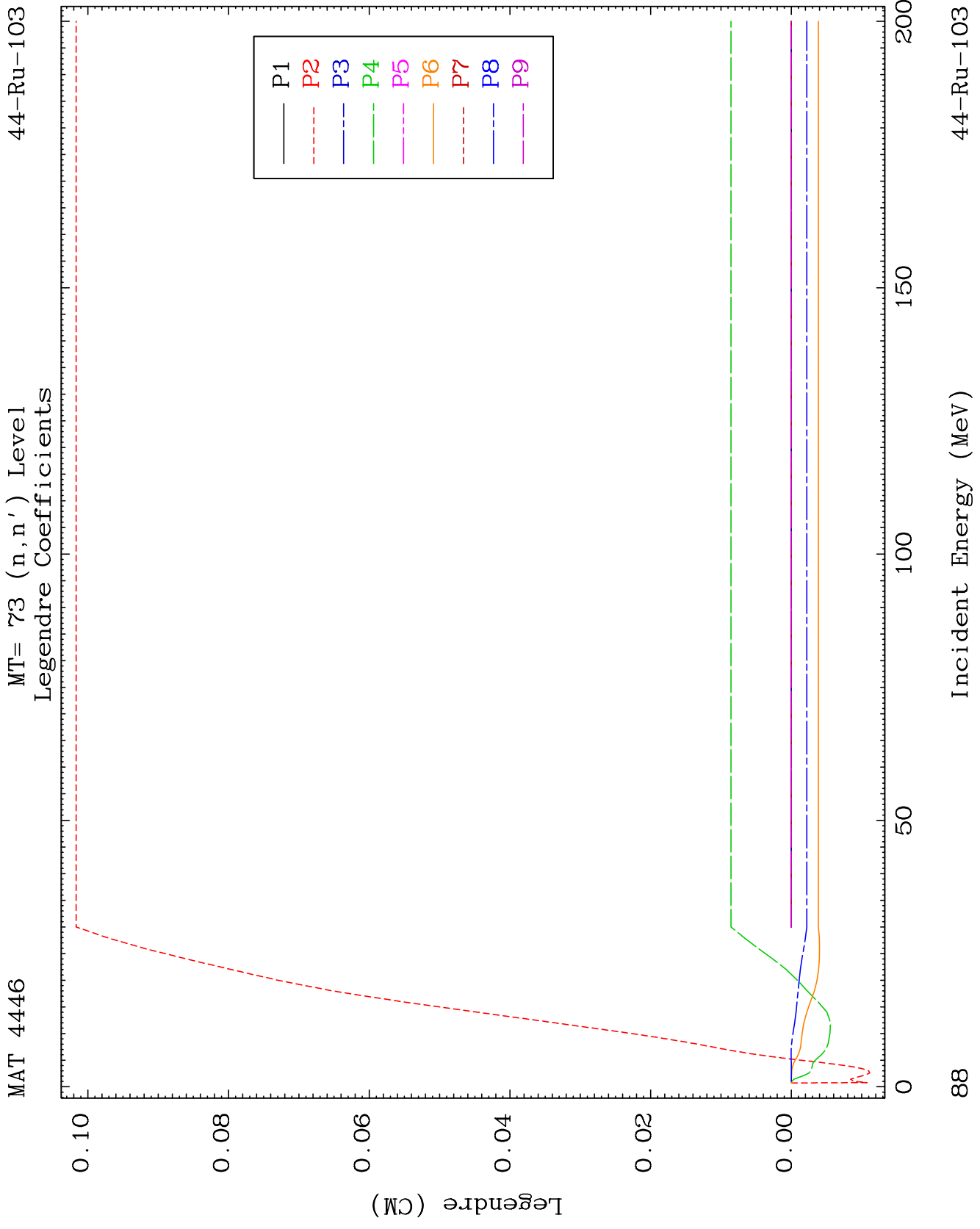


87

Incident Energy (MeV)

44-Ru-103

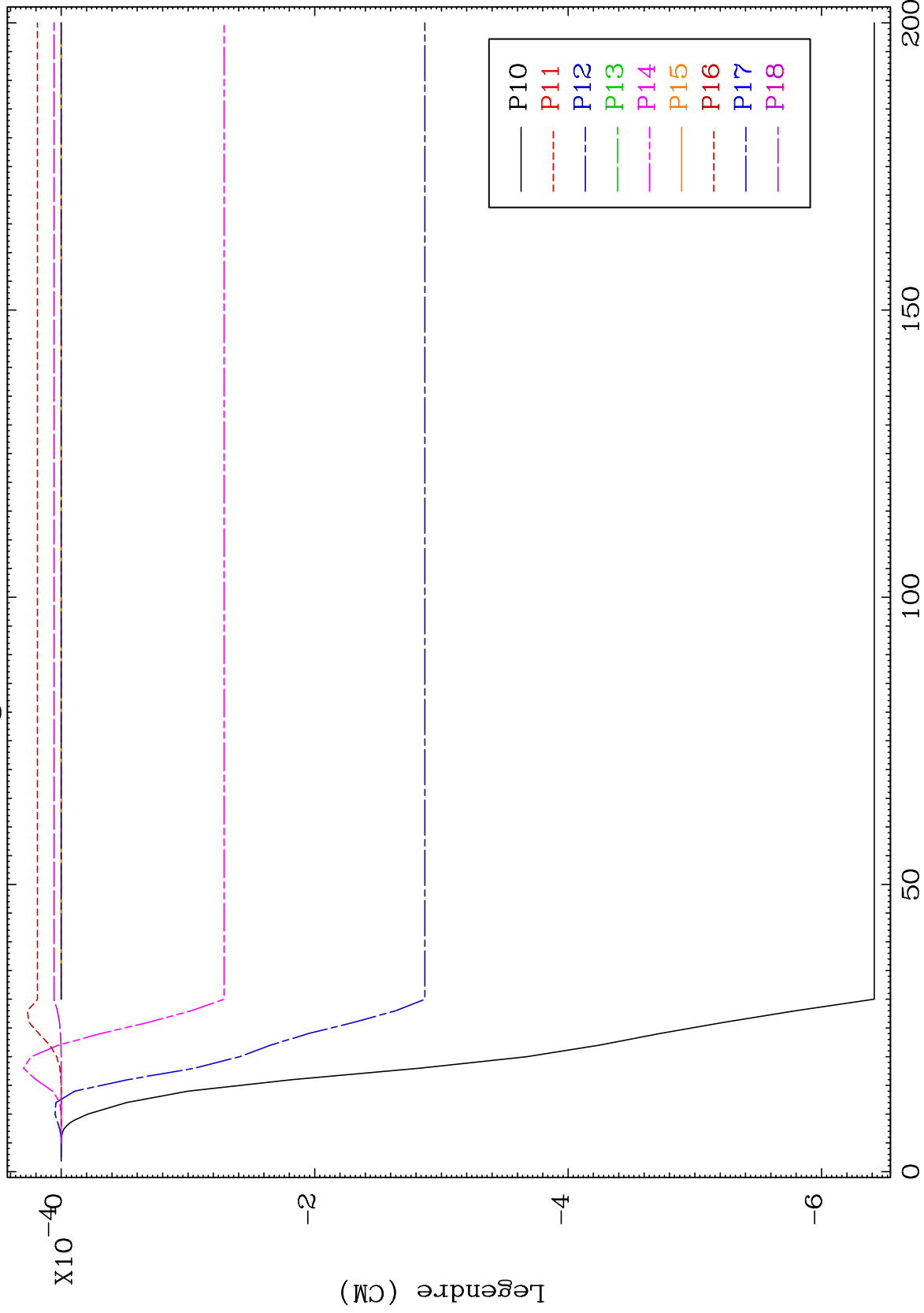




MAT 4446

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

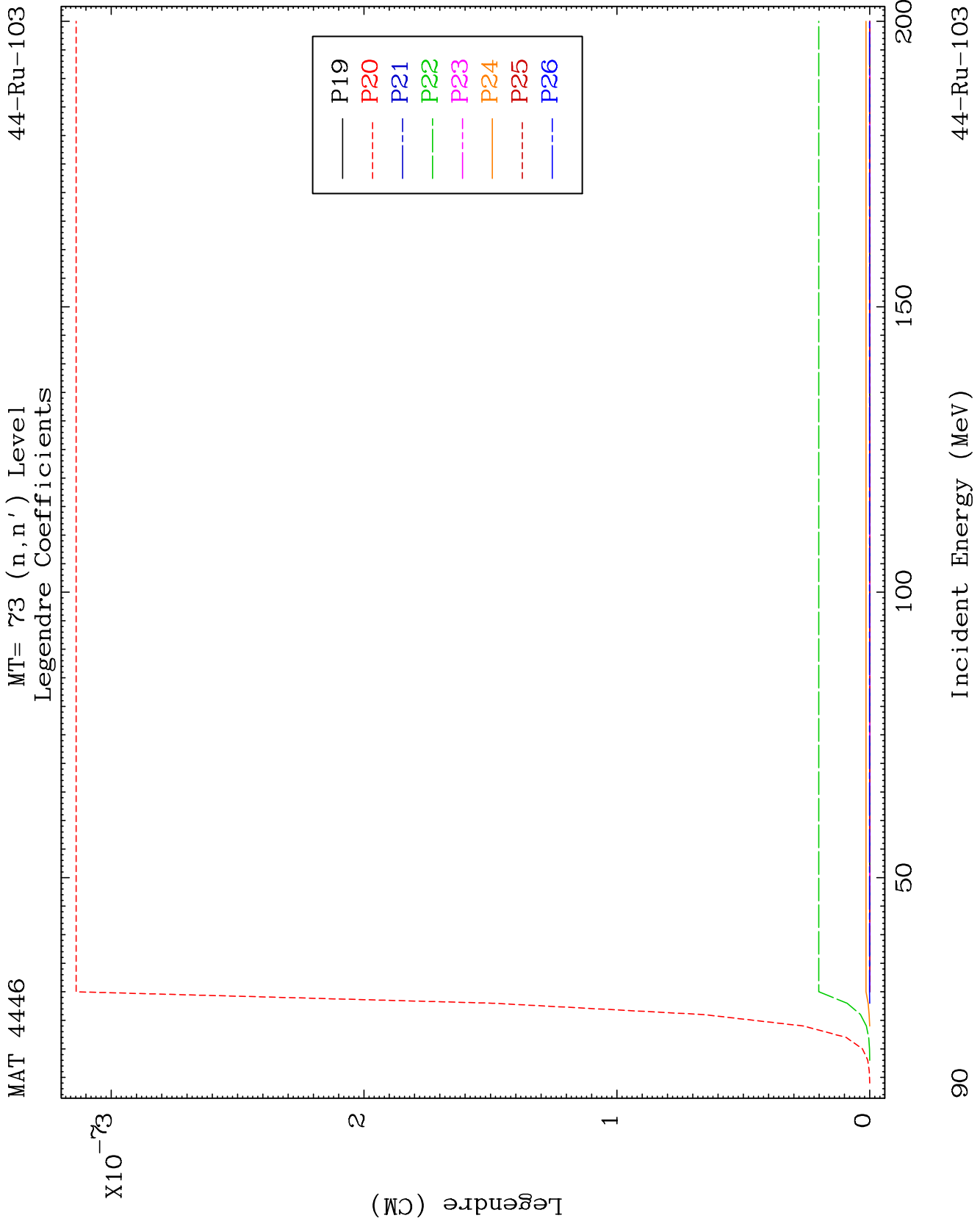
44-Ru-103



89

Incident Energy (MeV)

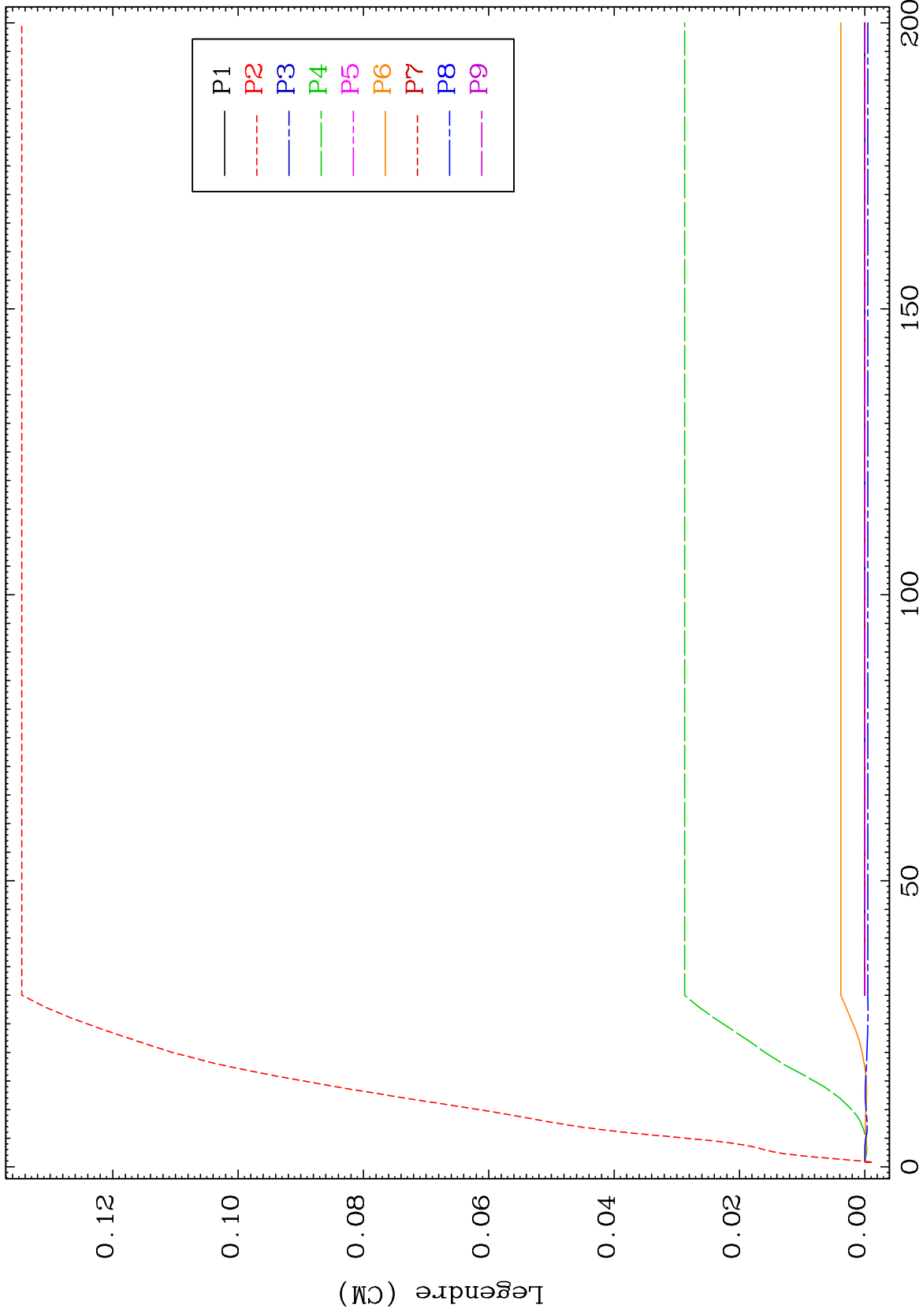
44-Ru-103



MAT 4446

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

44-Ru-103



91

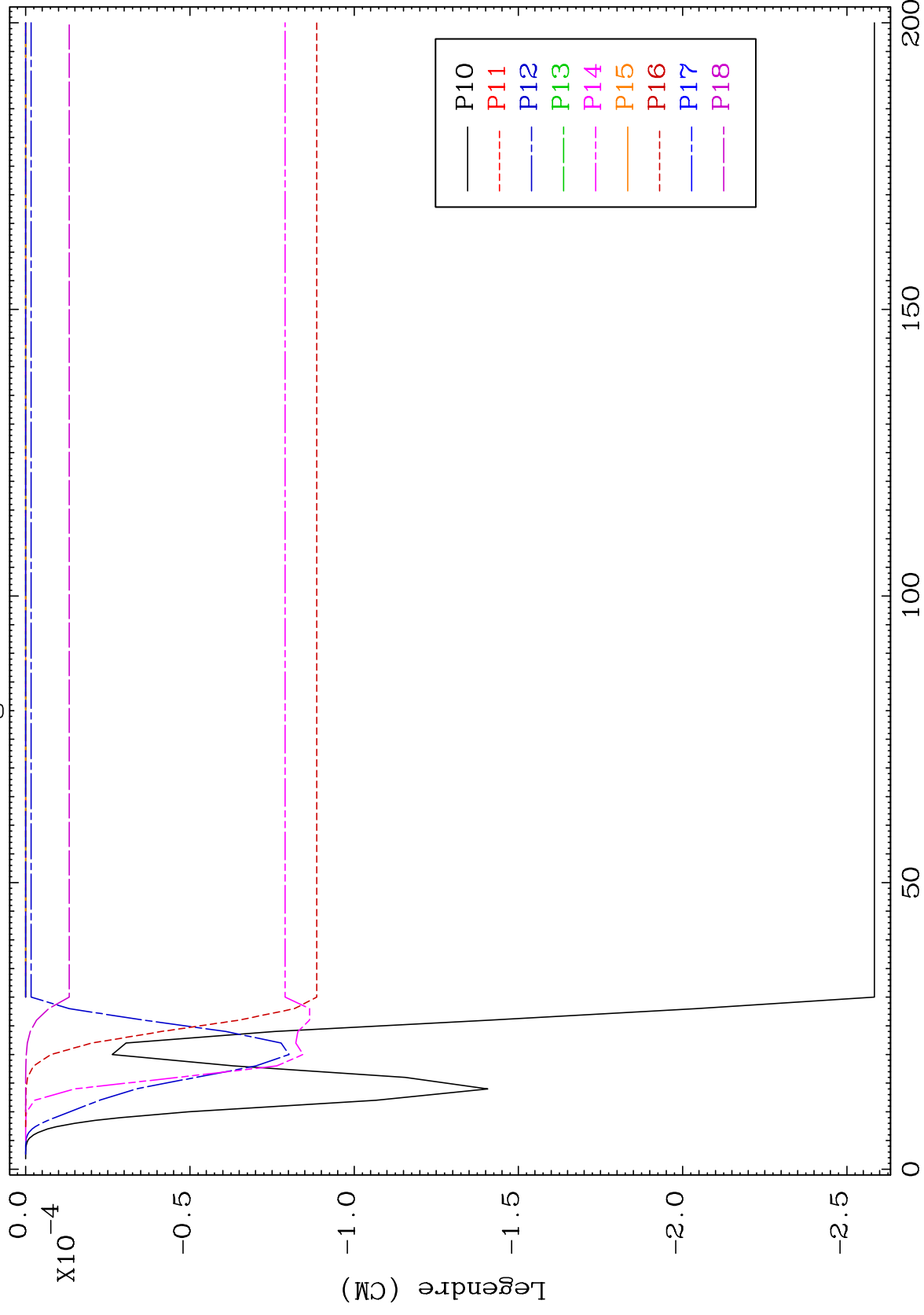
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



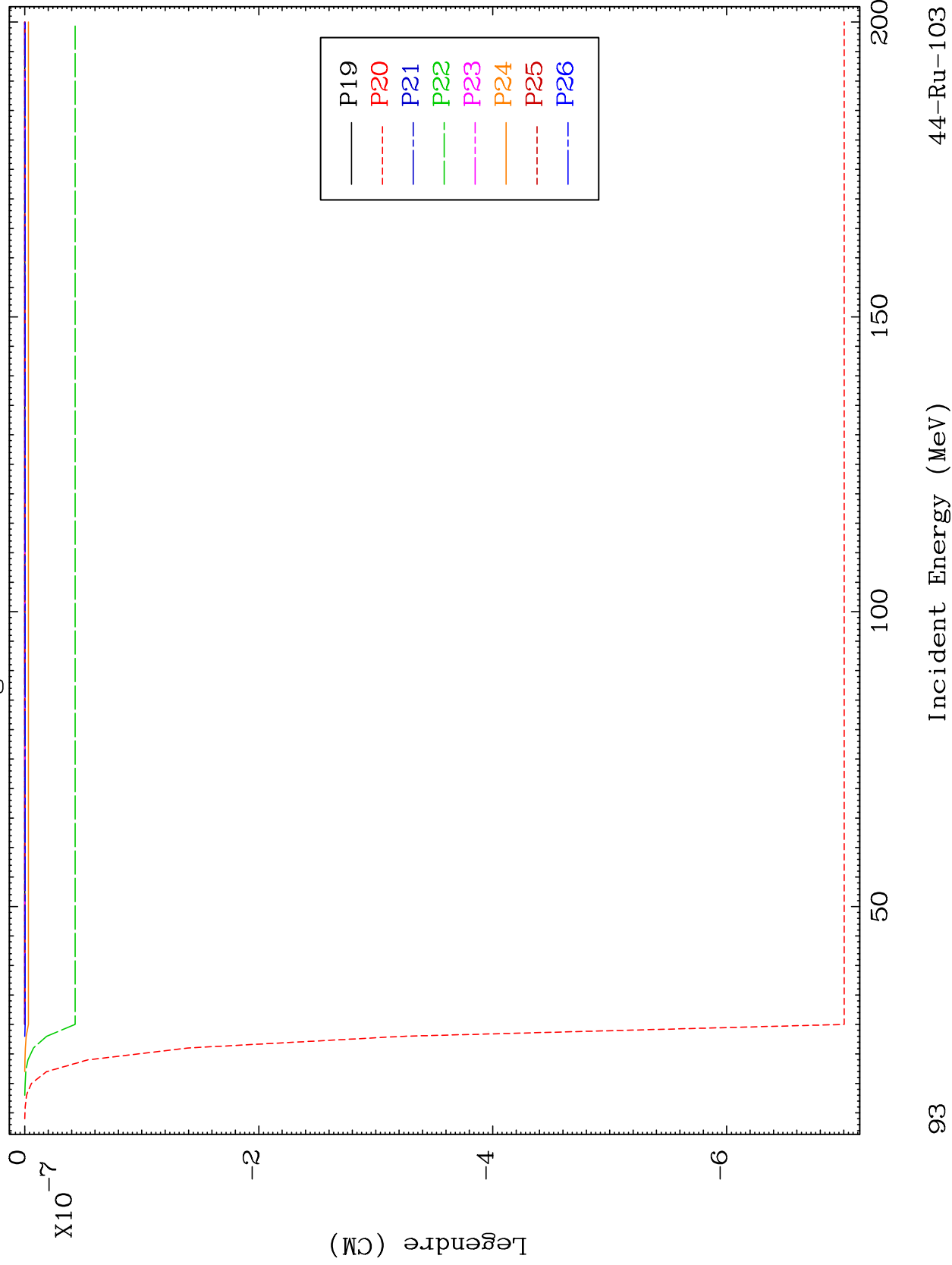
92

44-Ru-103

MAT 4446

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

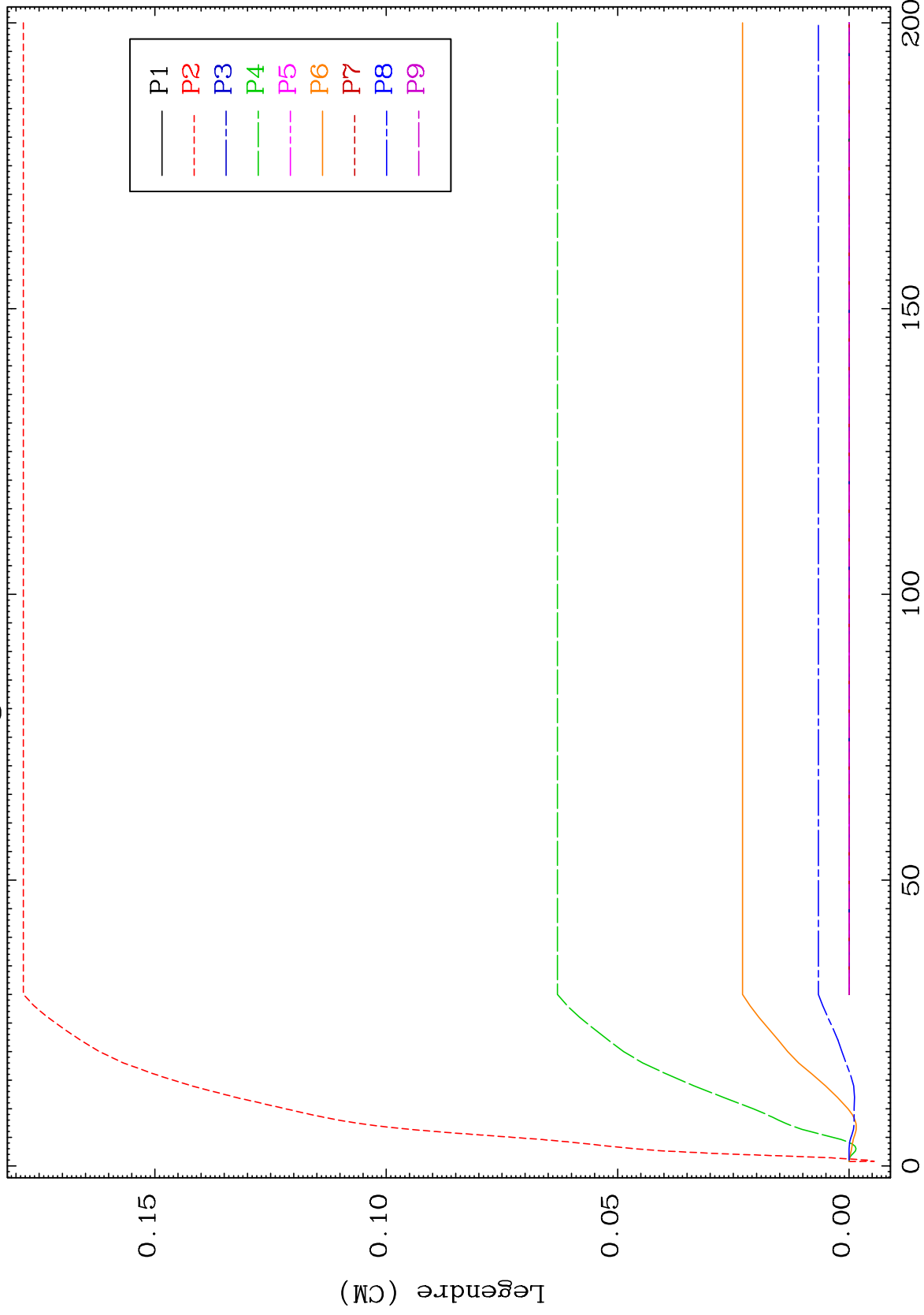
44-Ru-103



MAT 4446

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

44-Ru-103



94

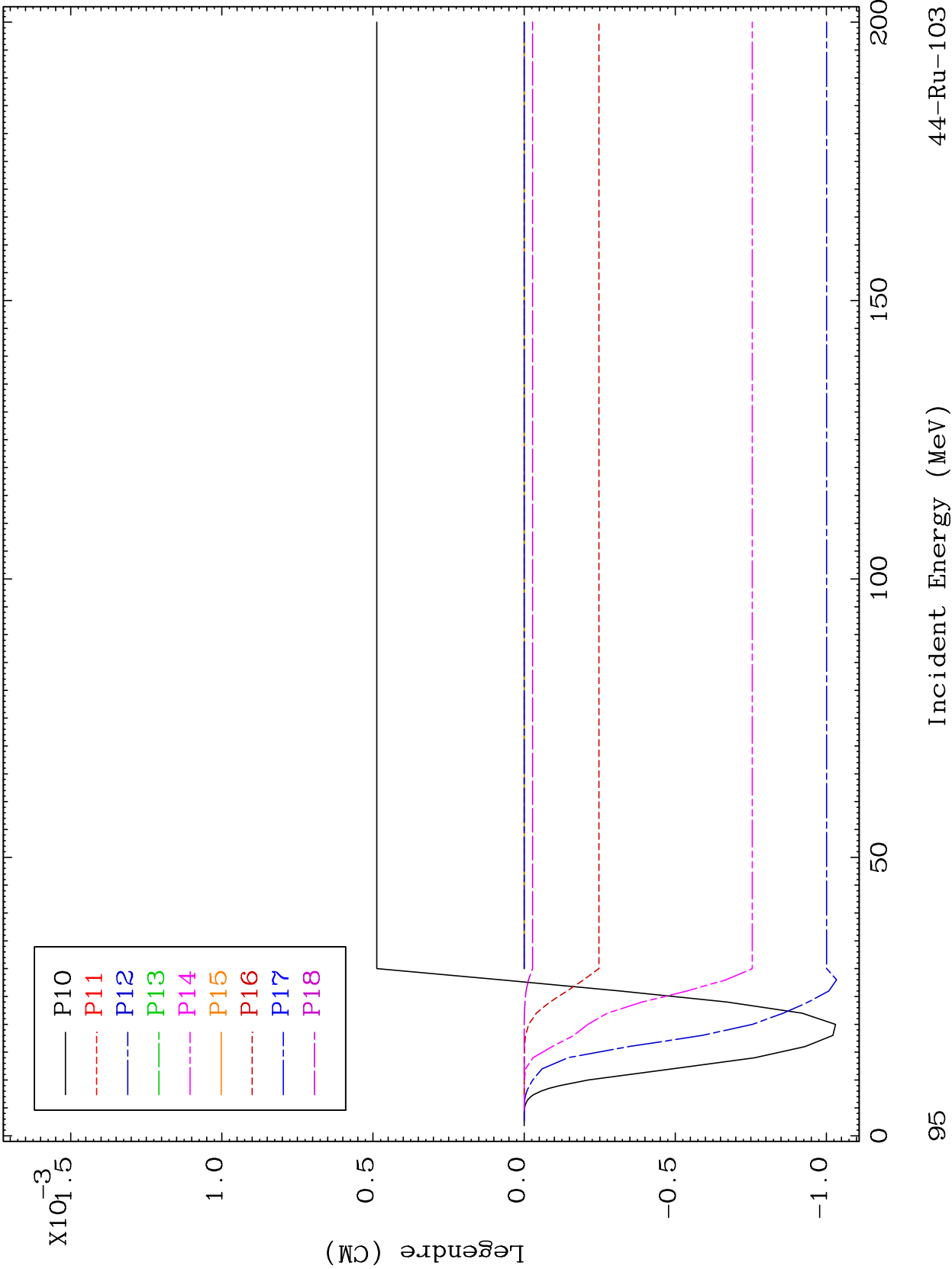
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



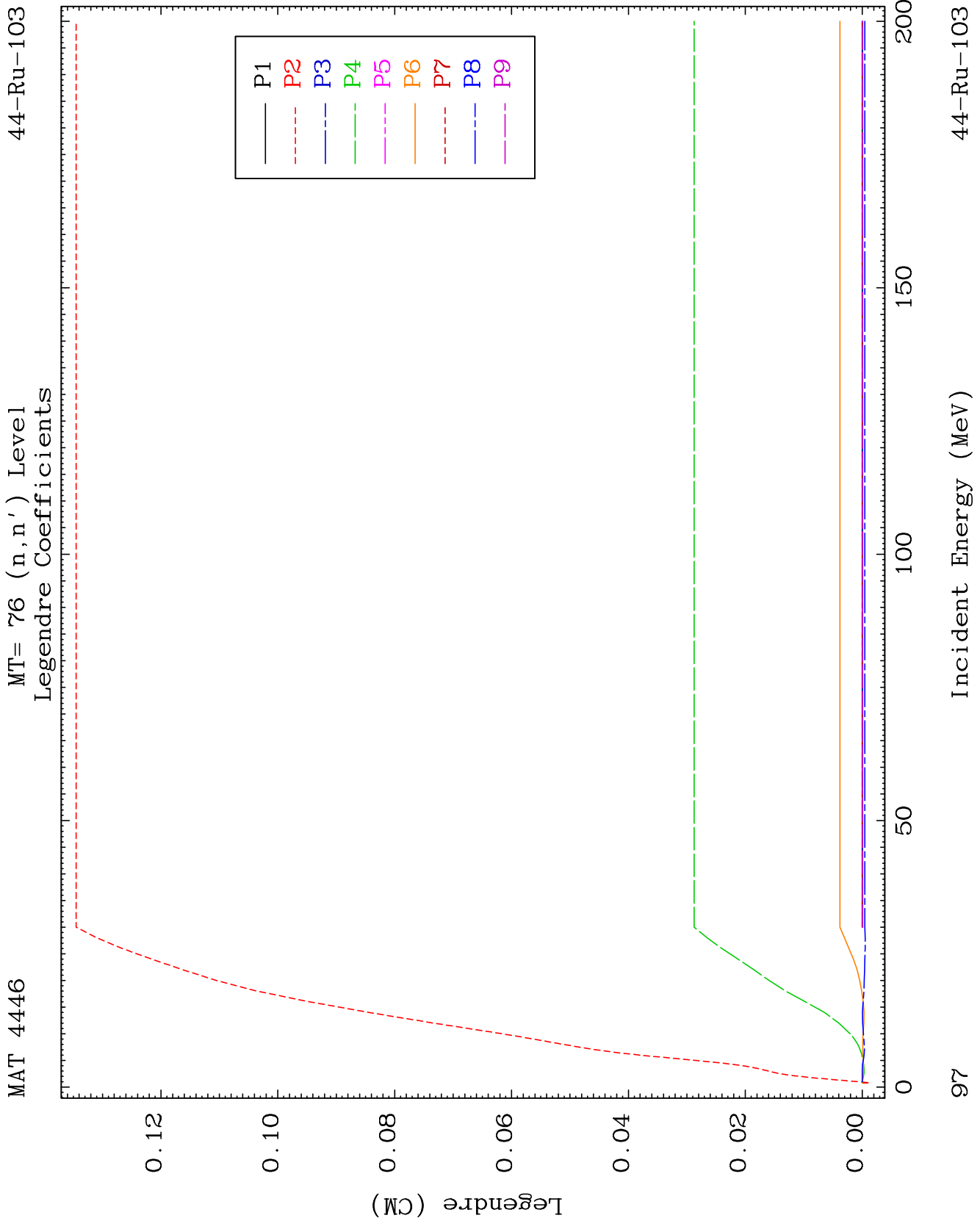
44-Ru-103

Incident Energy (MeV)

95



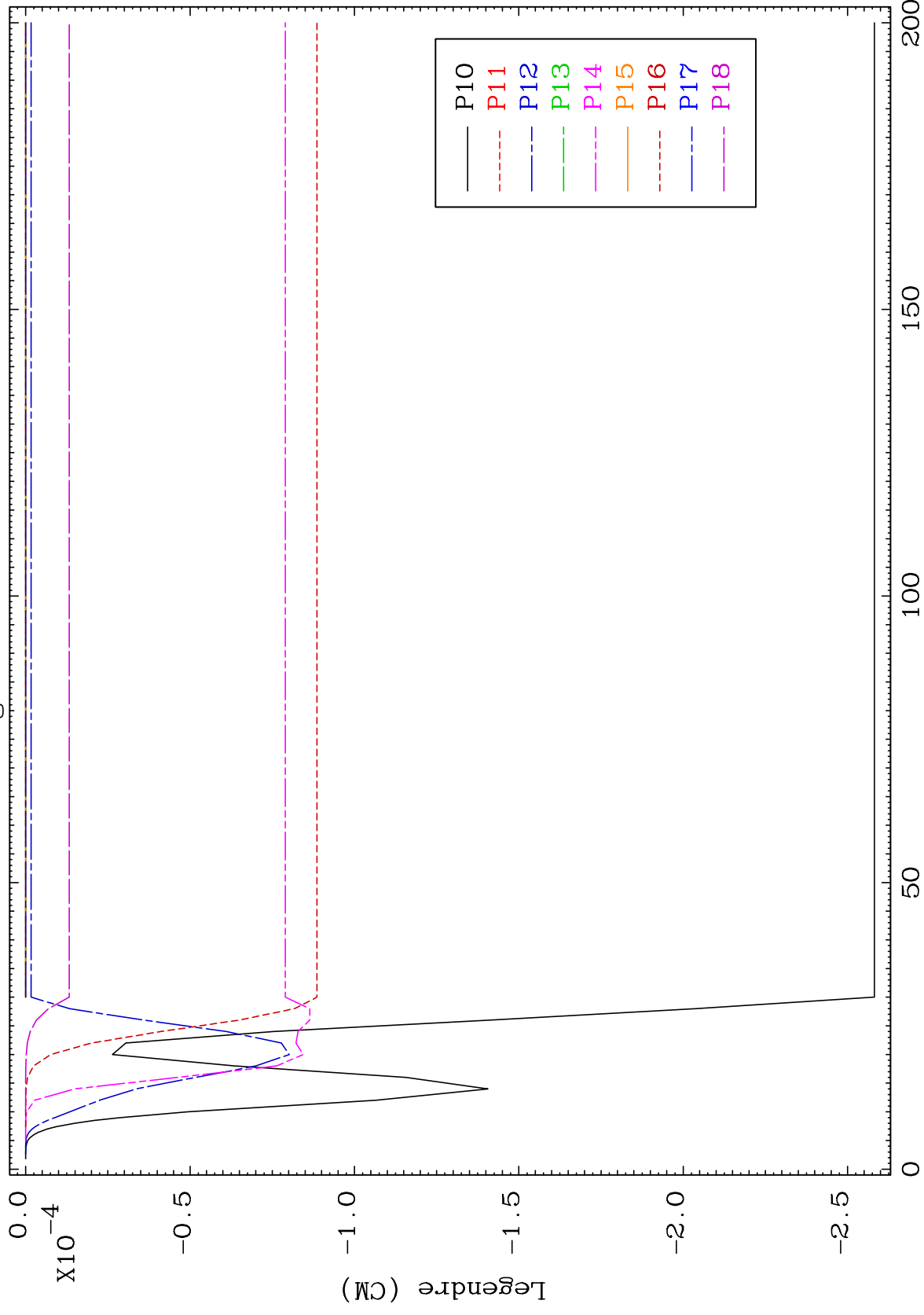




MAT 4446

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

44-Ru-103



98

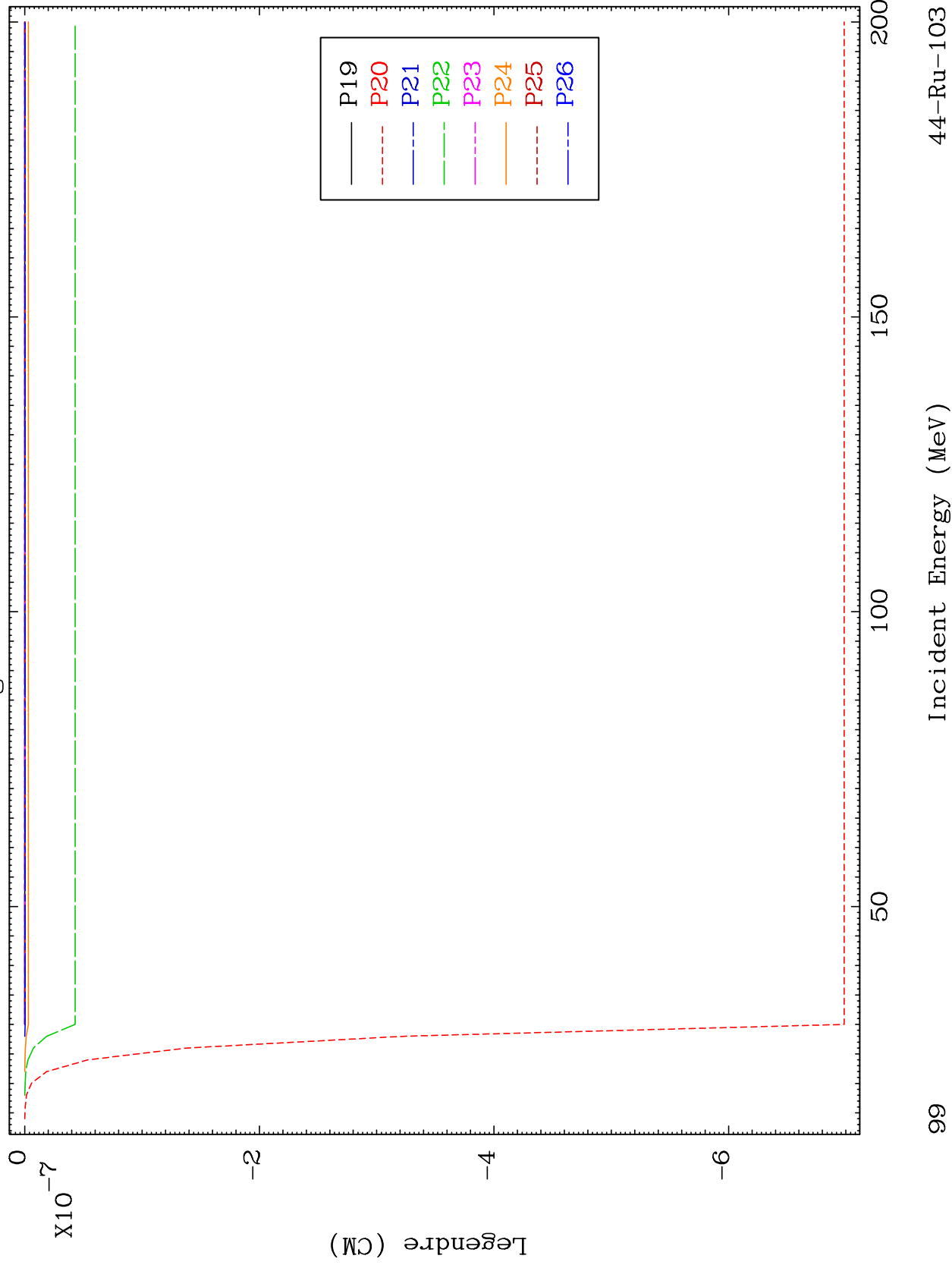
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



99

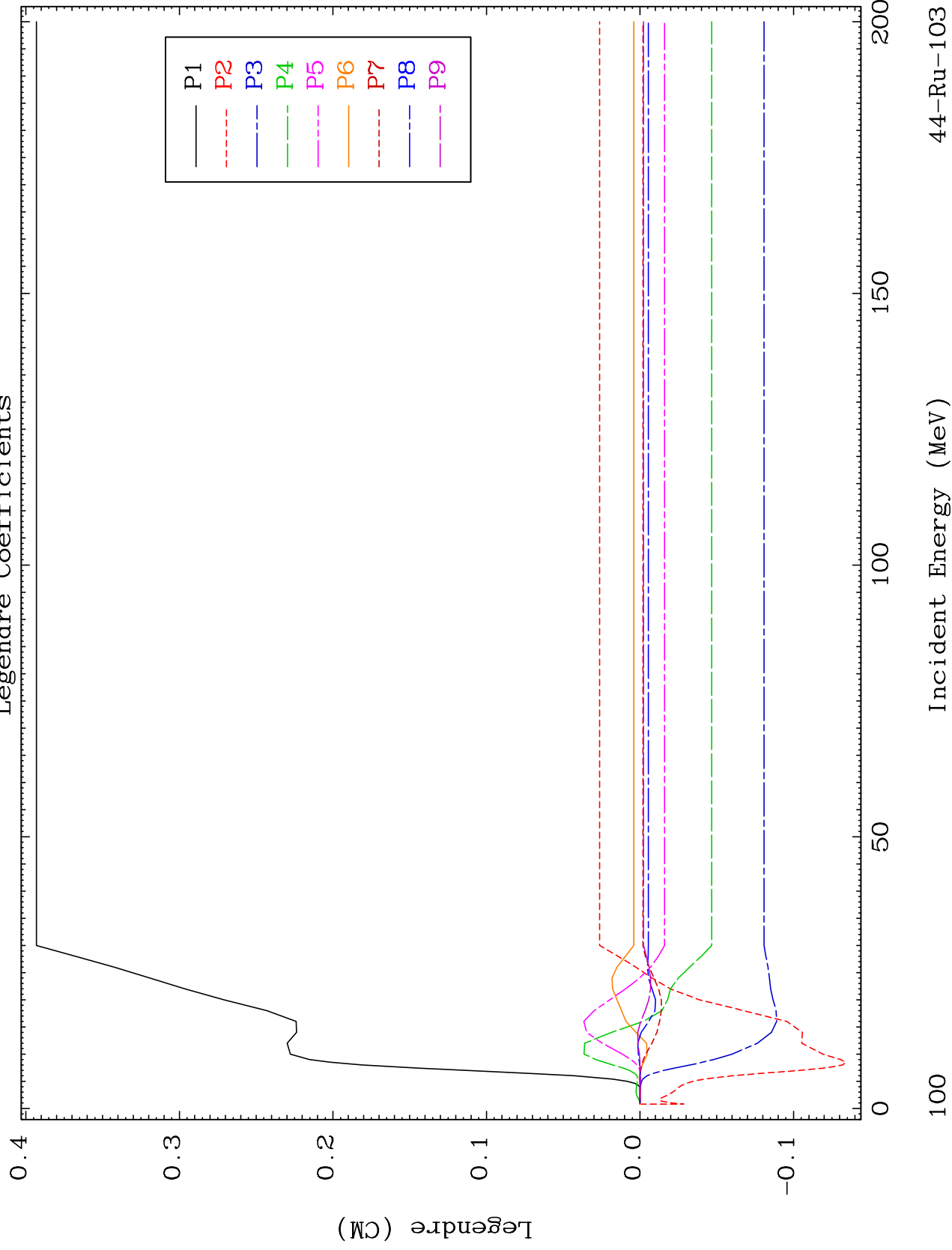
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

44-Ru-103



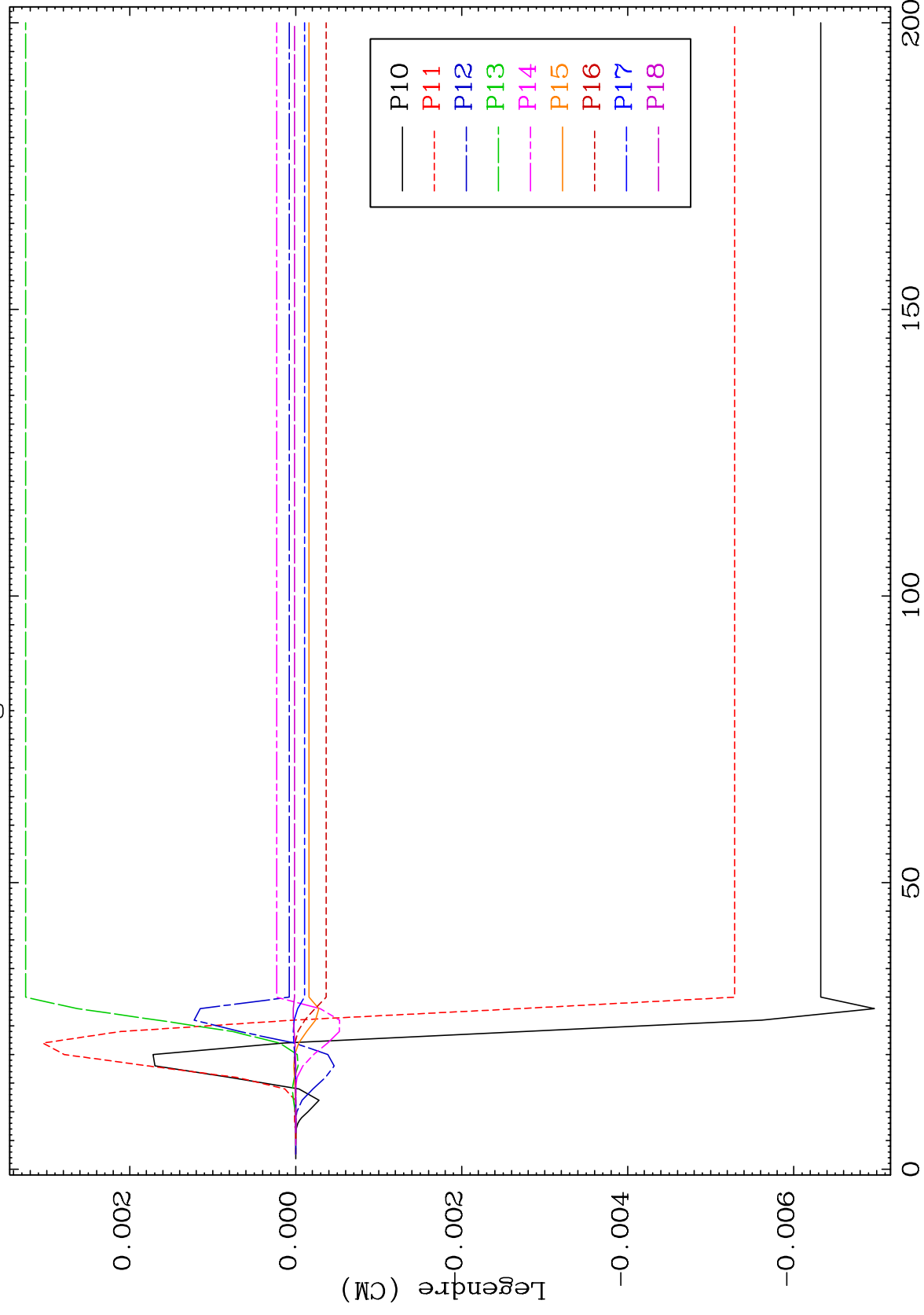
44-Ru-103

Incident Energy (MeV)

MAT 4446

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

44-Ru-103



101

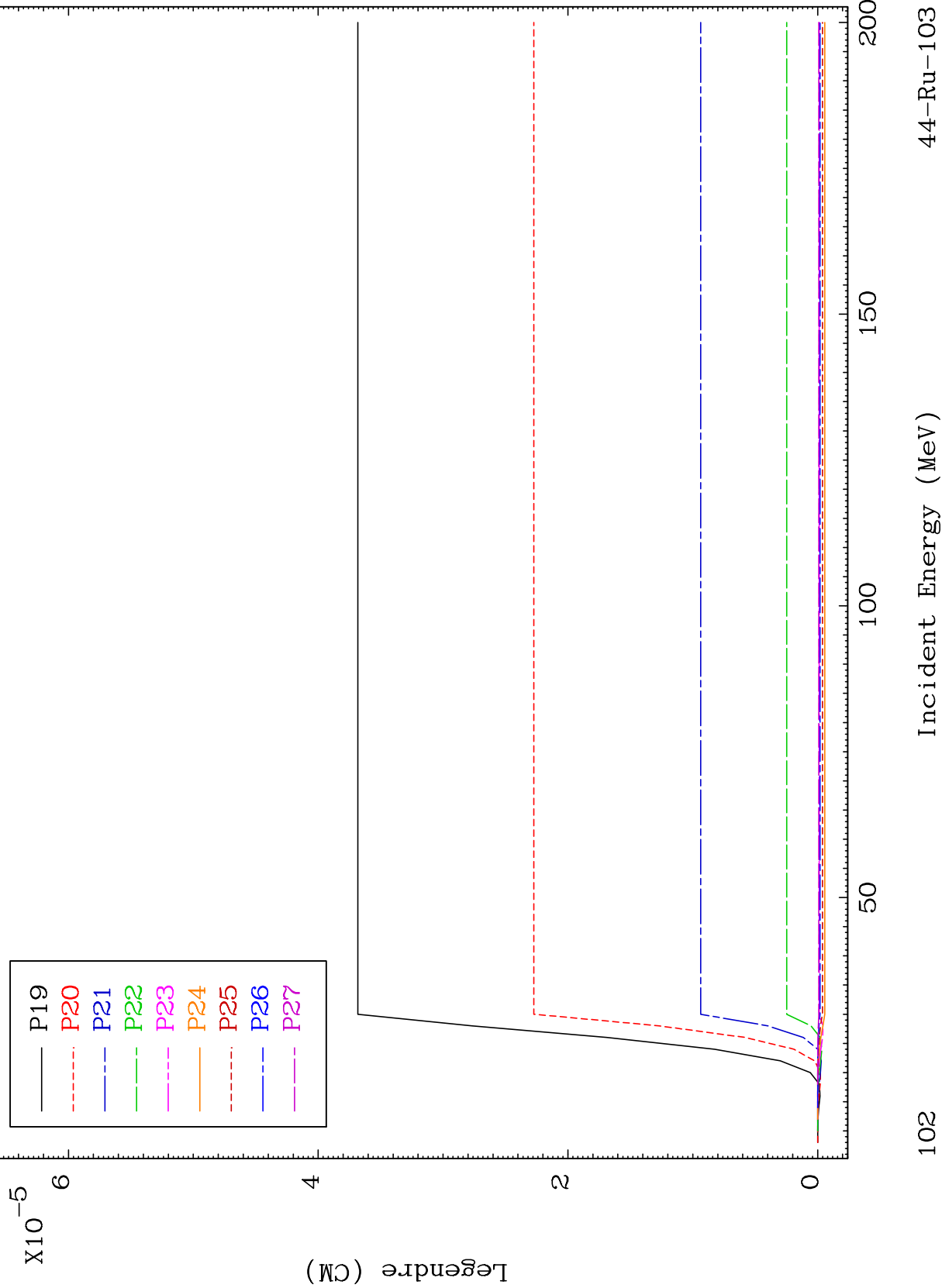
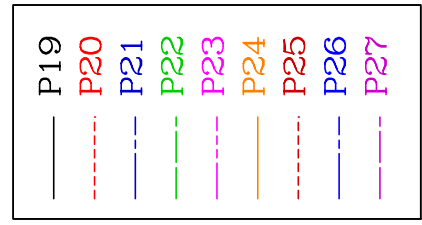
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

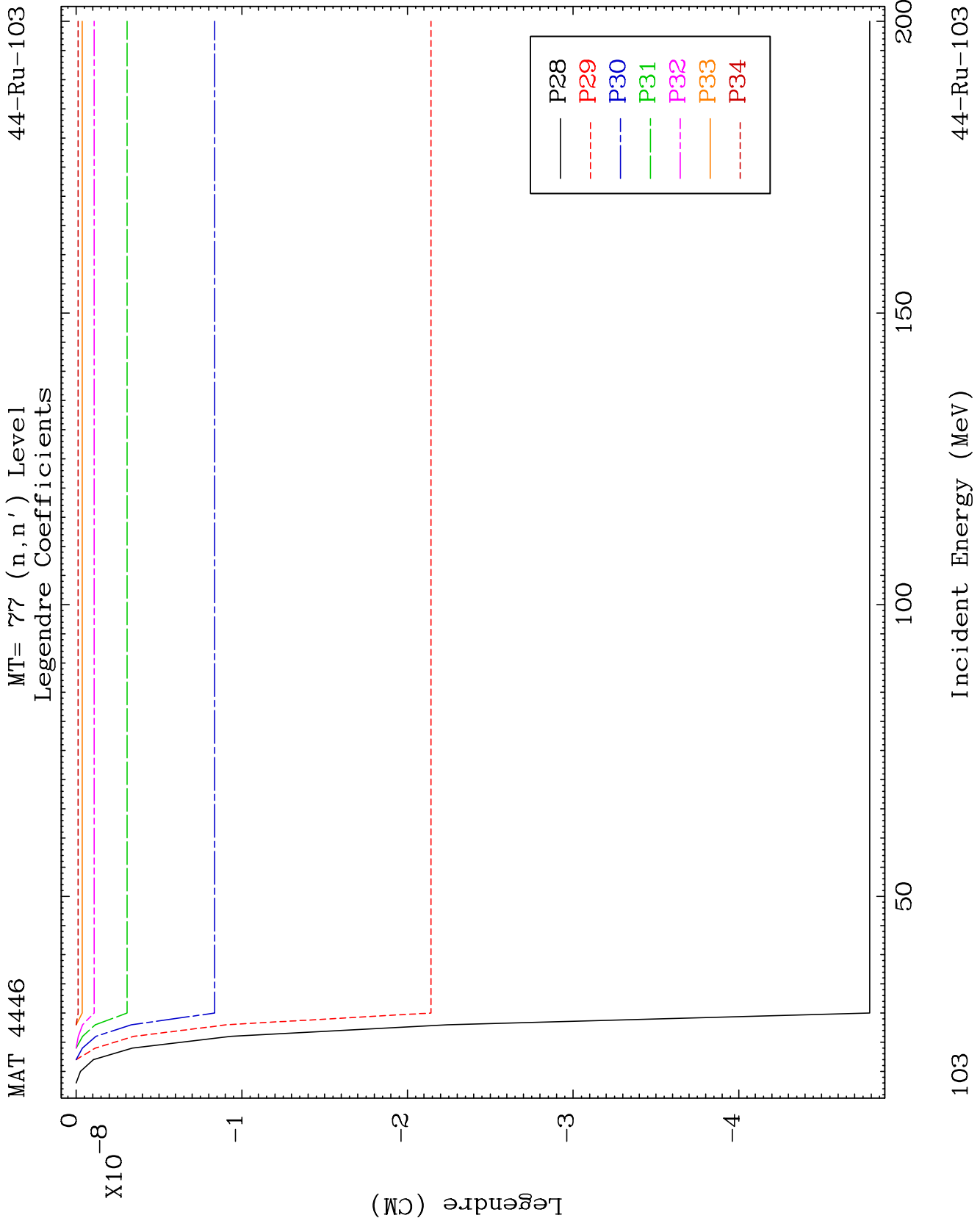
44-Ru-103



102

Incident Energy (MeV)

44-Ru-103

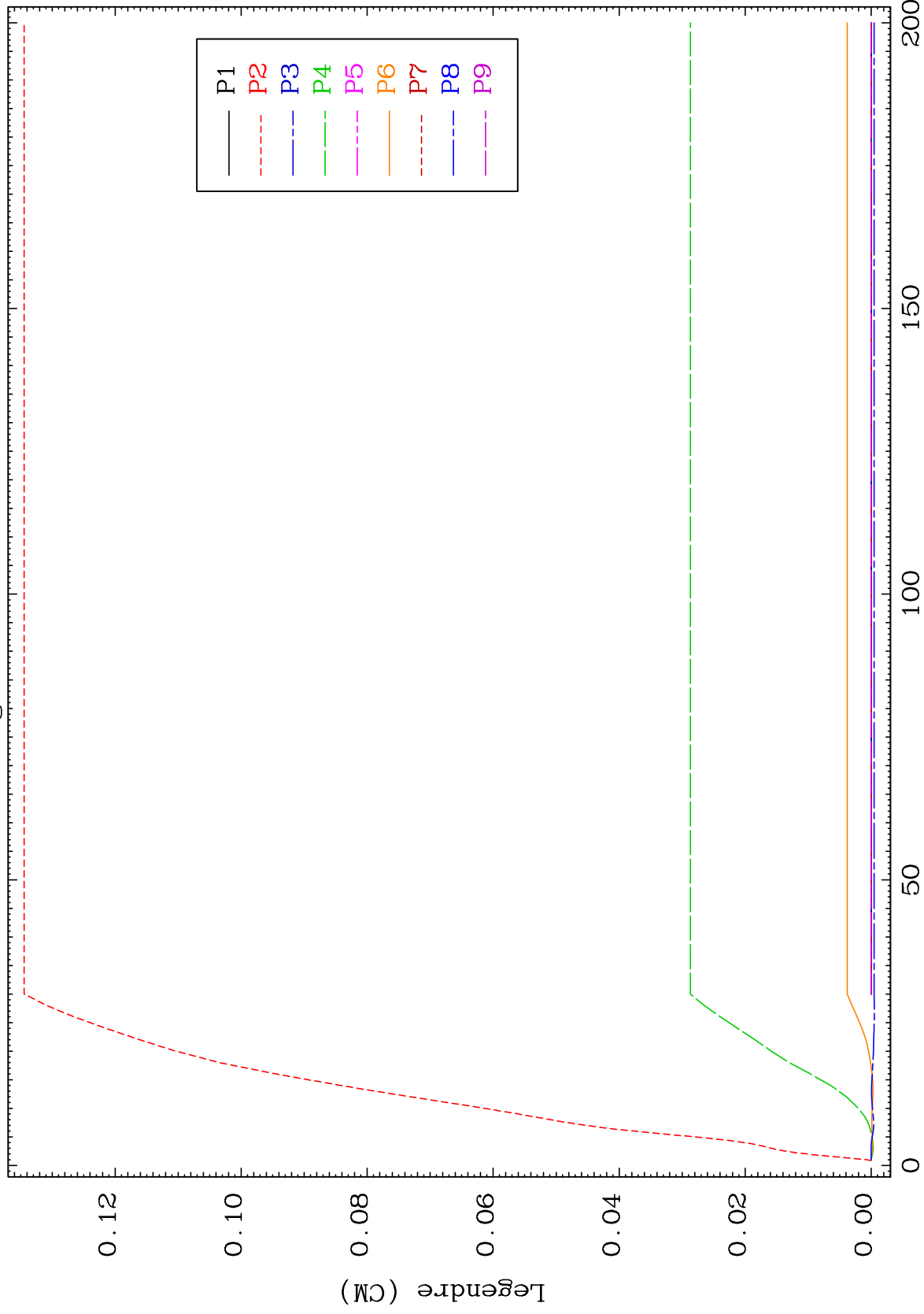




MAT 4446

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

44-Ru-103



104

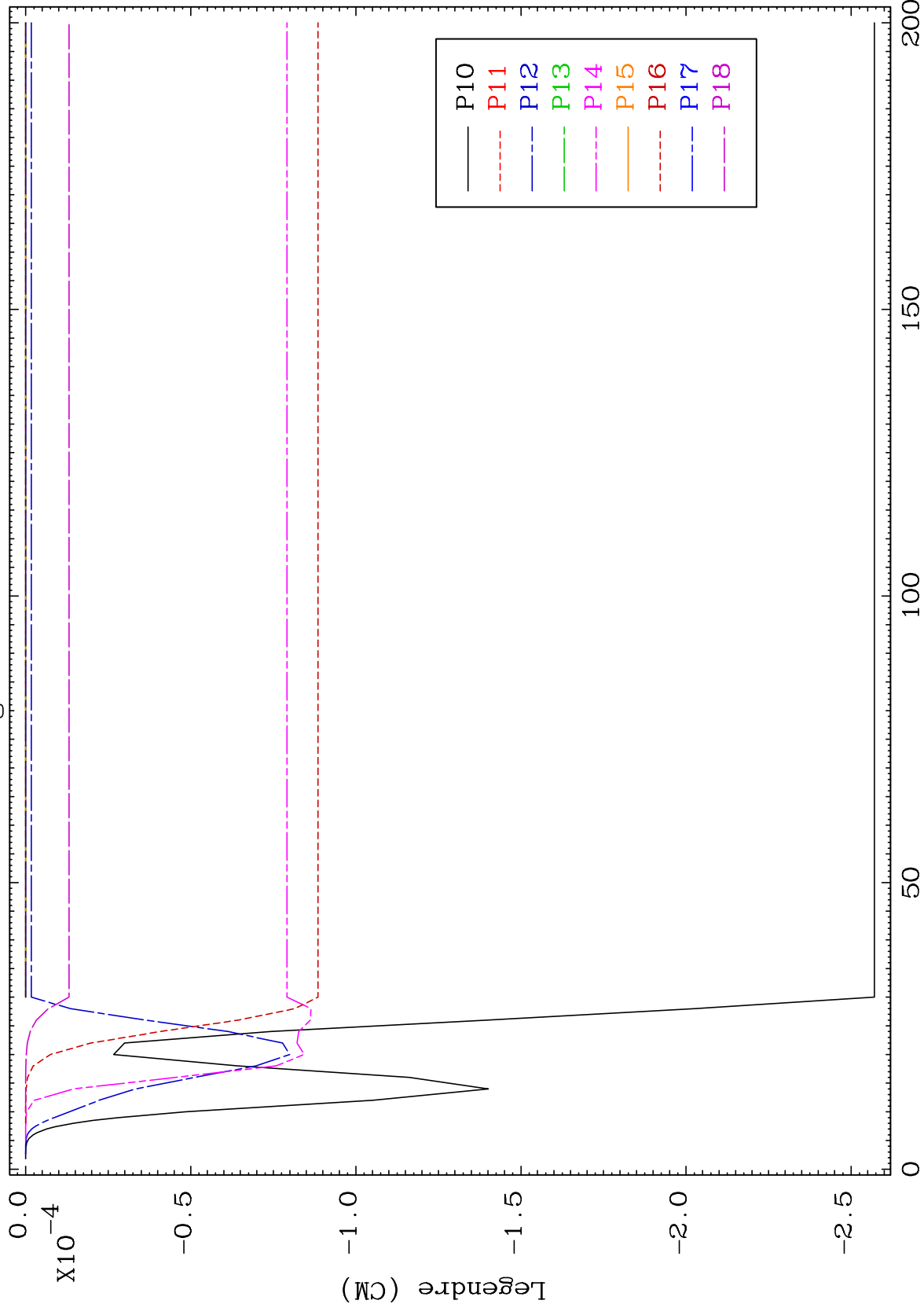
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

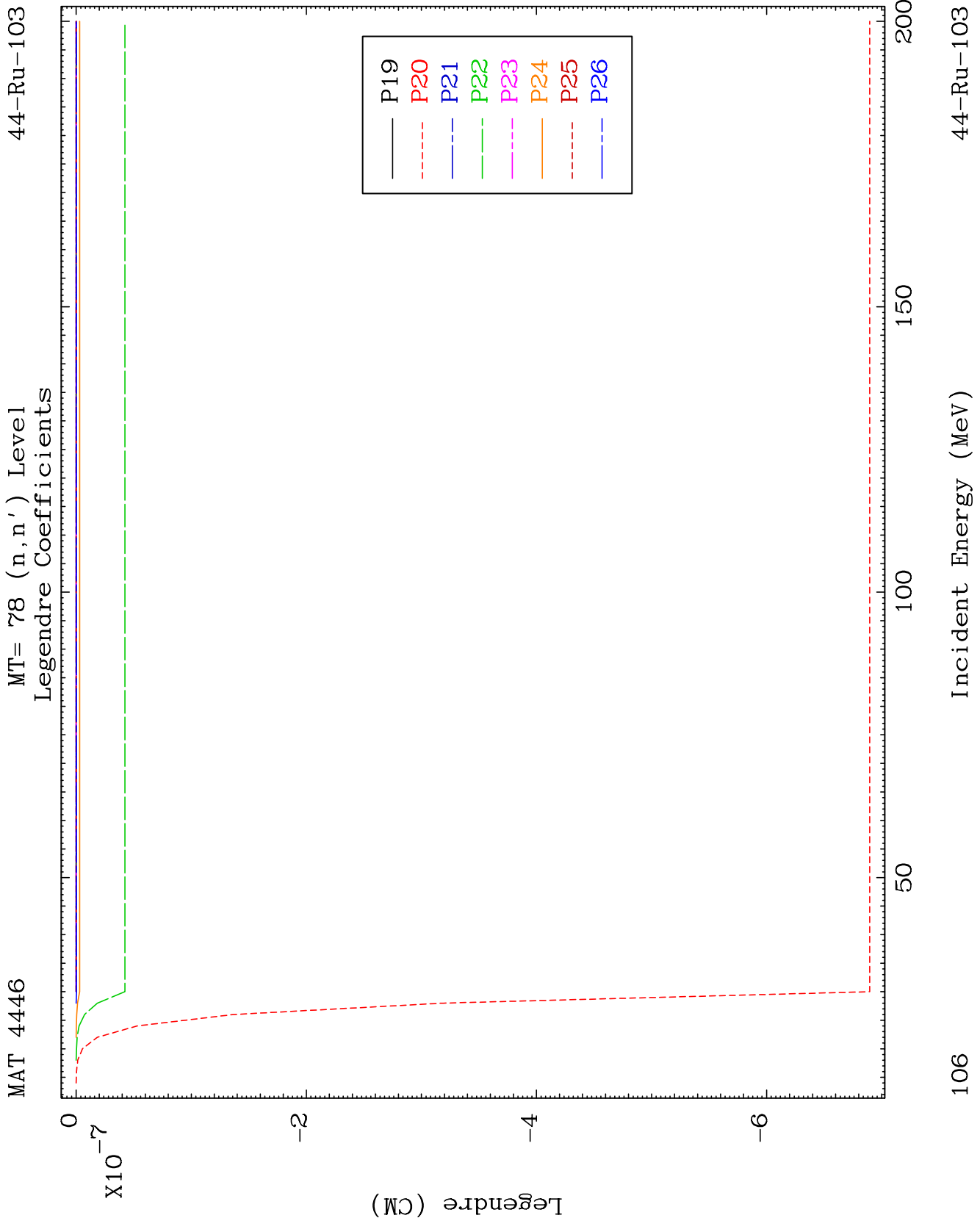
44-Ru-103



105

Incident Energy (MeV)

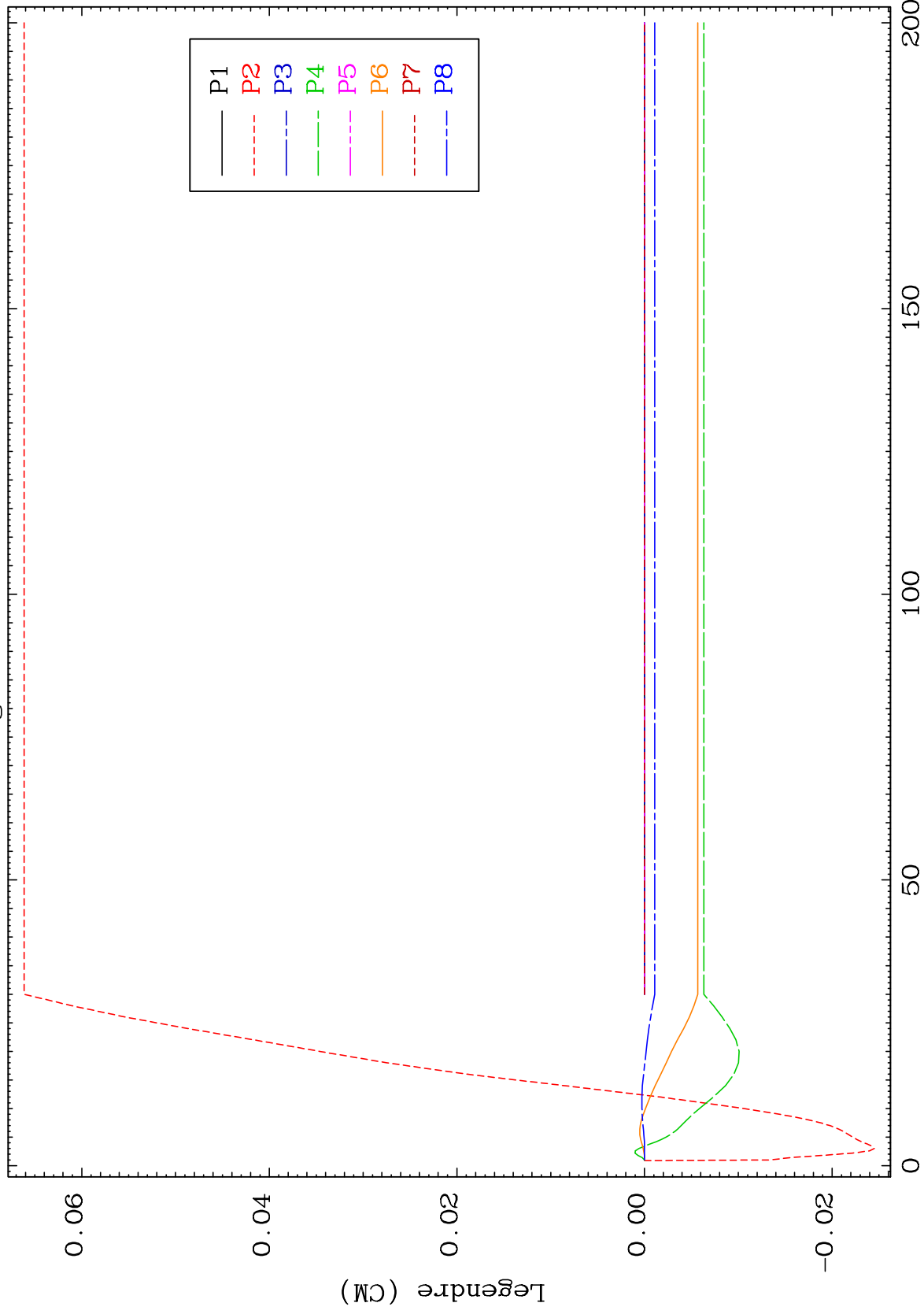
44-Ru-103



MAT 4446

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

44-Ru-103



107

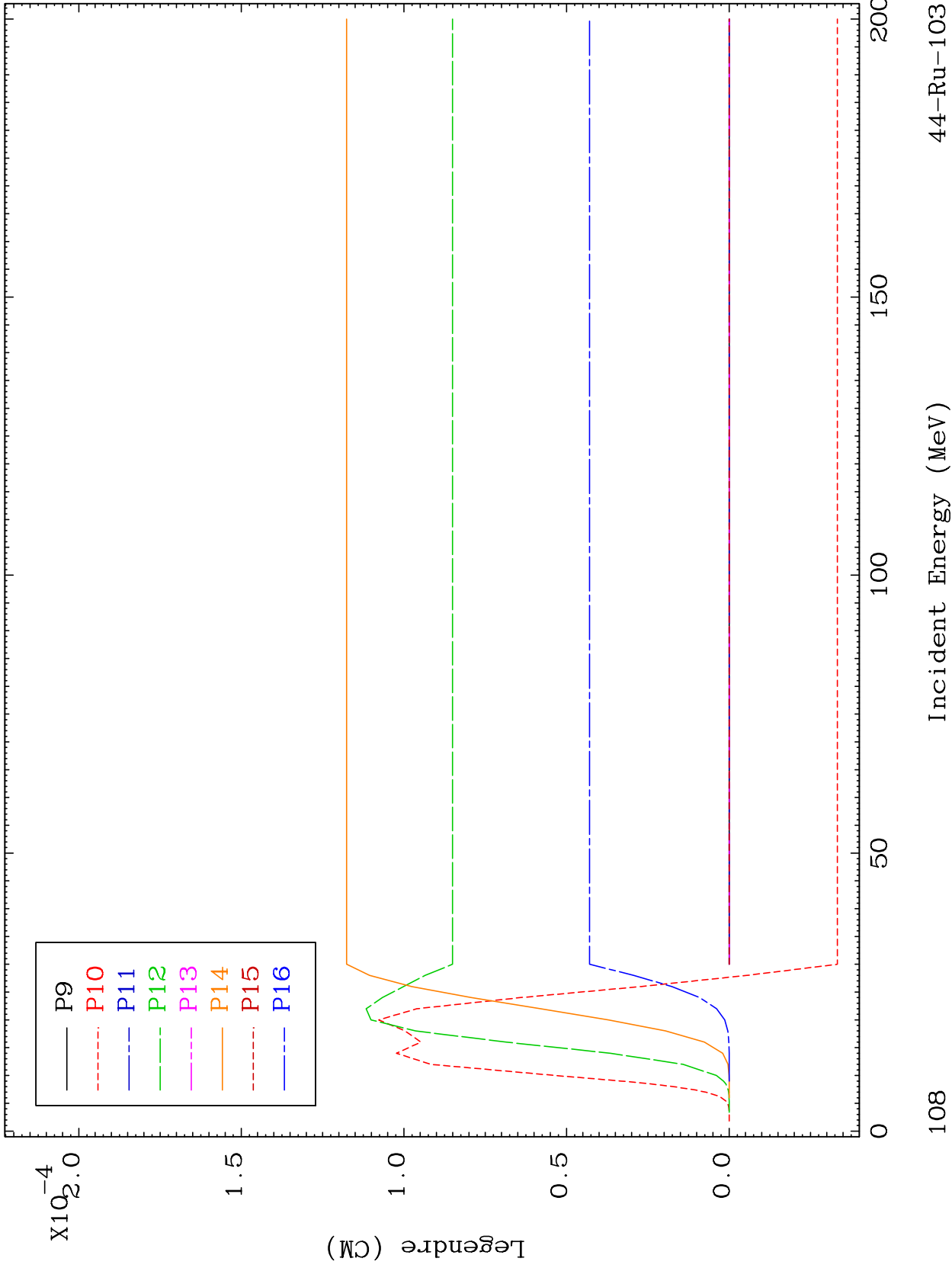
Incident Energy (MeV)

44-Ru-103

MAT 4446

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

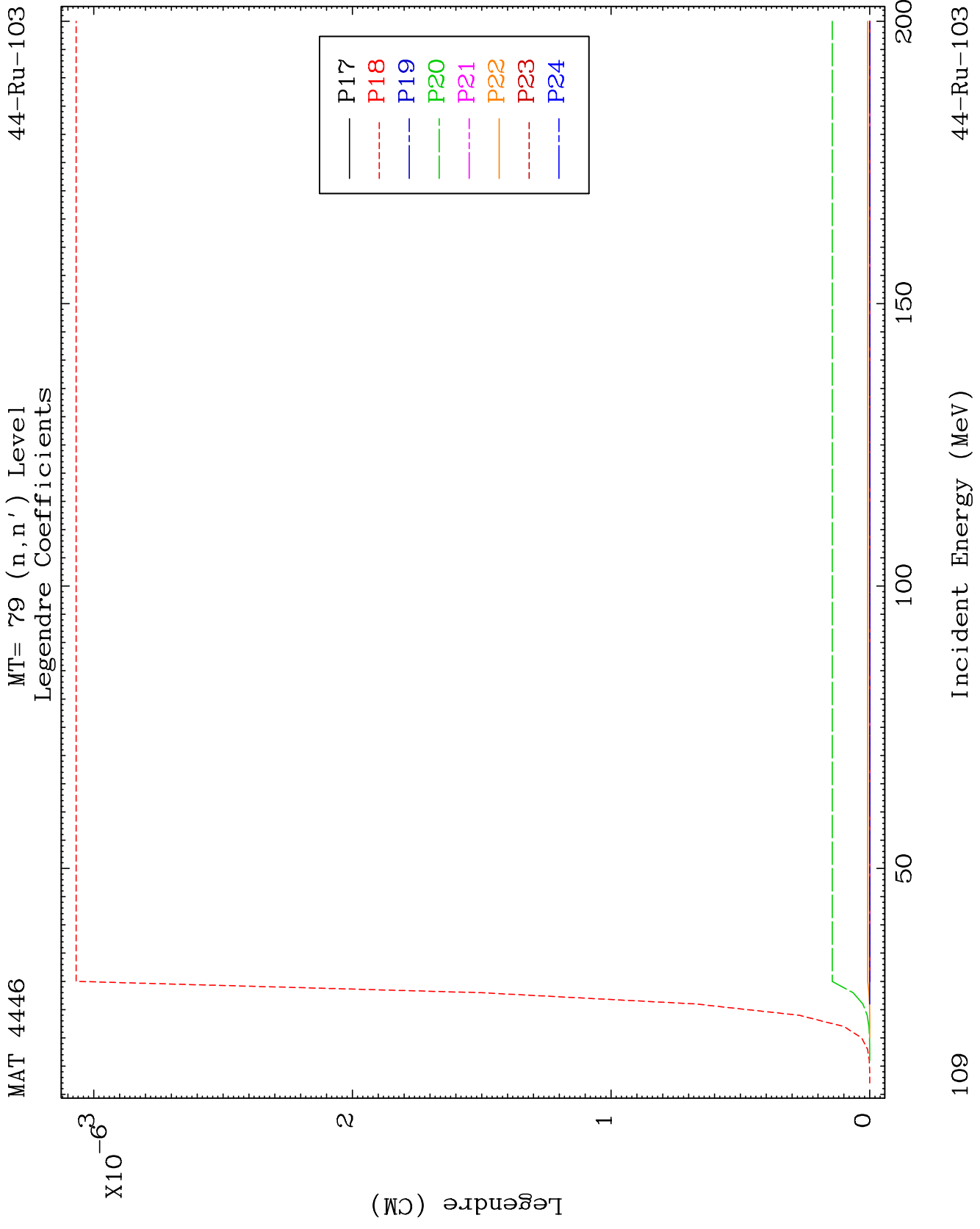
44-Ru-103



108

Incident Energy (MeV)

44-Ru-103

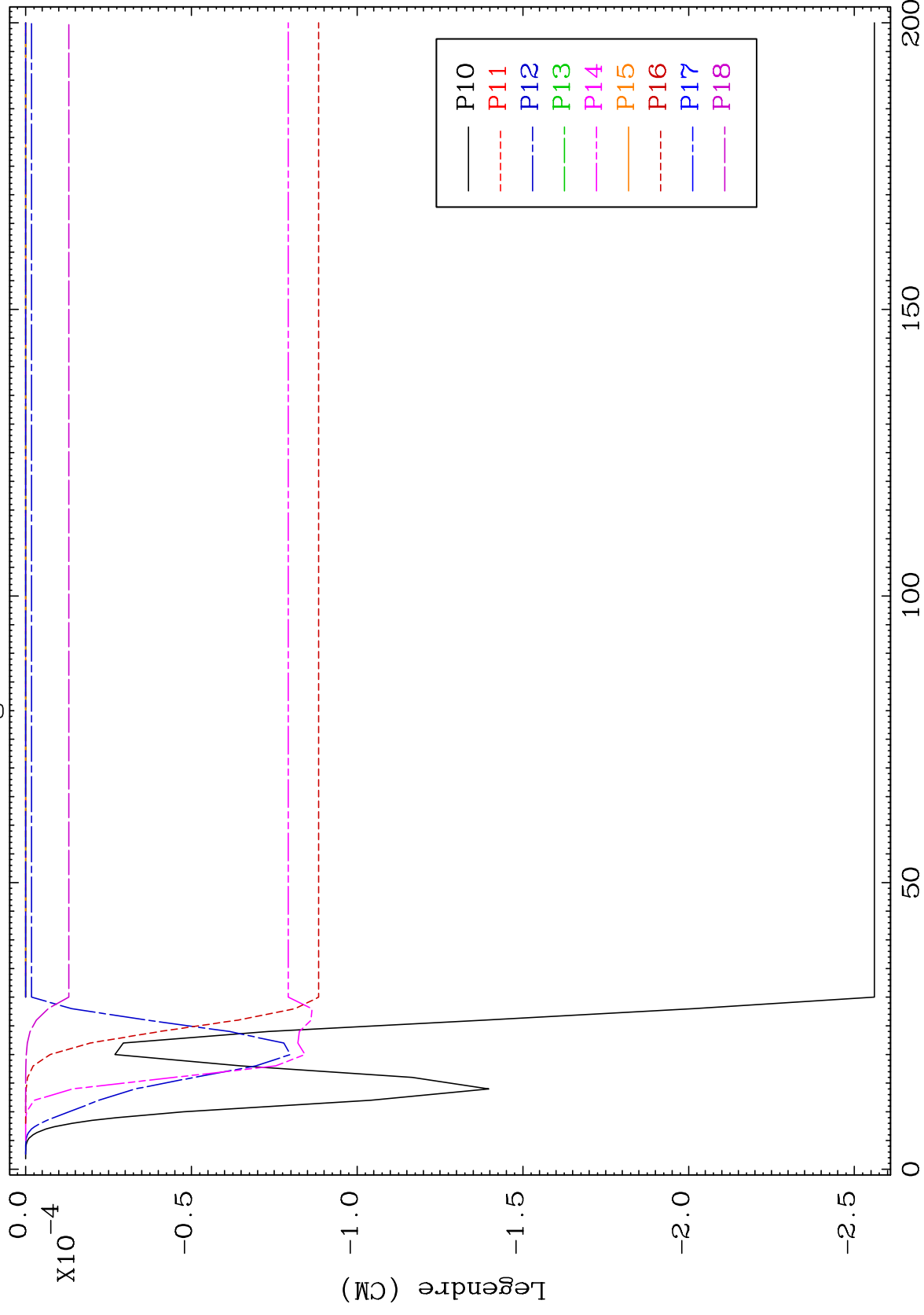




MAT 4446

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

44-Ru-103

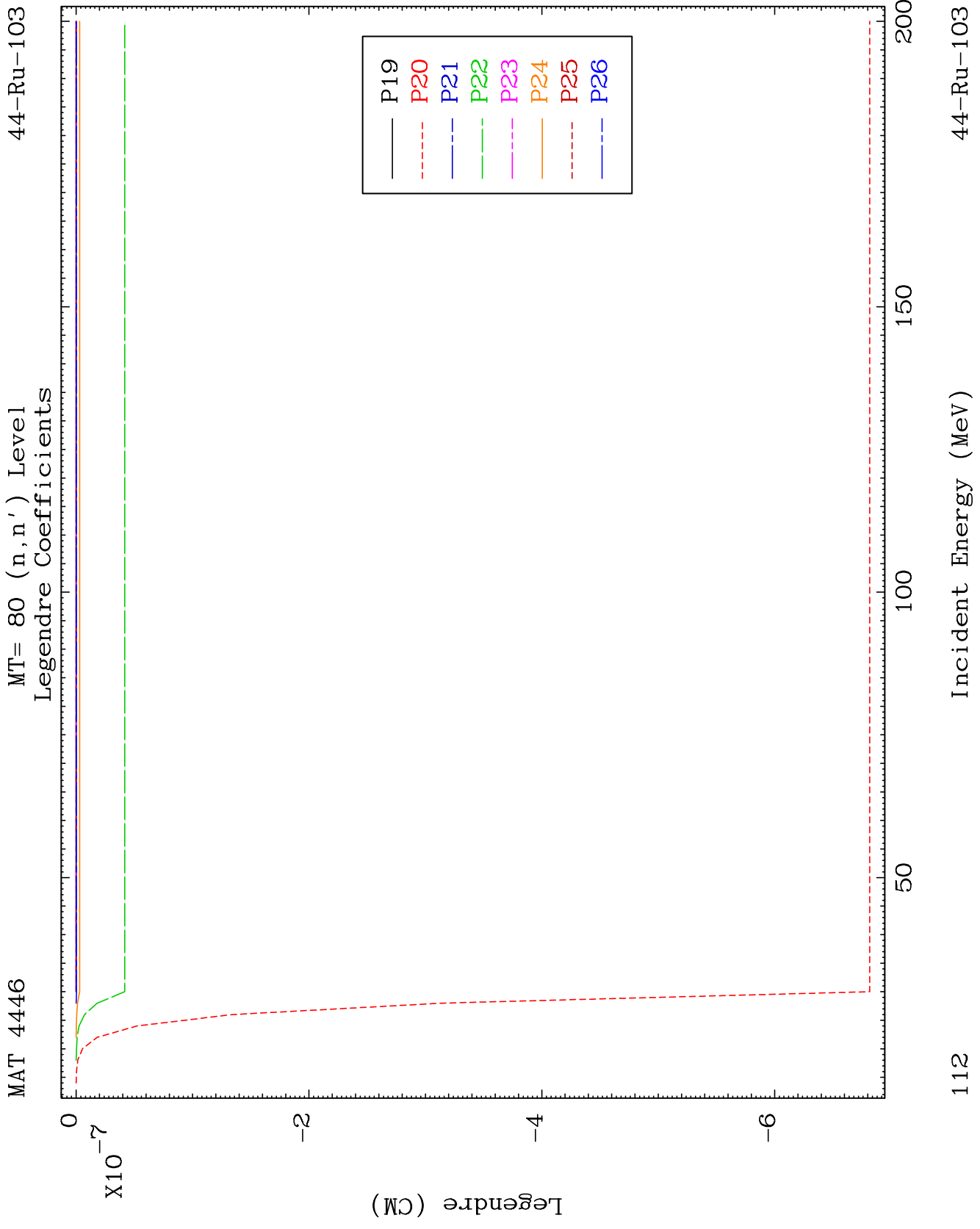


111

Incident Energy (MeV)

44-Ru-103



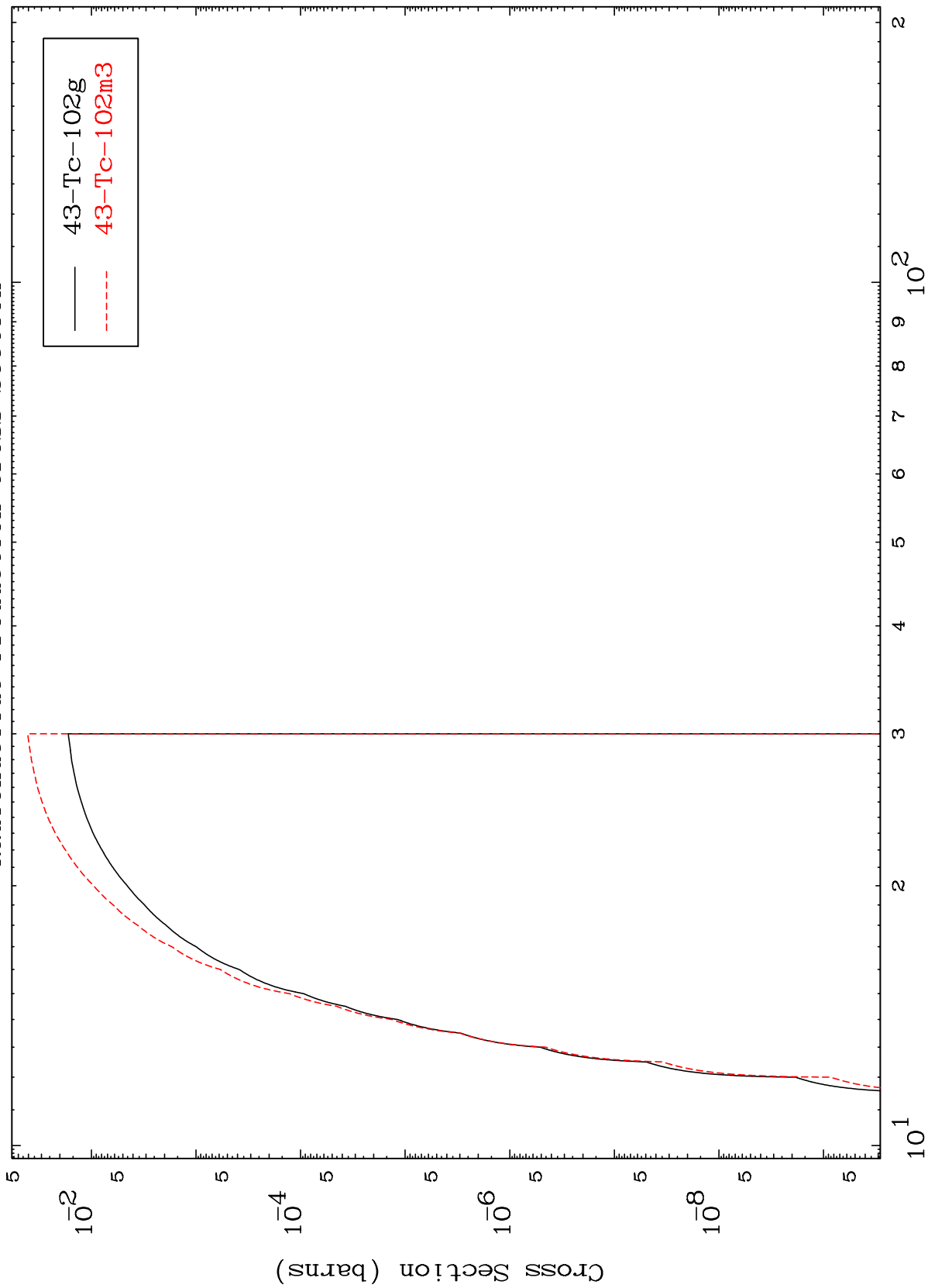


MAT 4446

(n,n') p

44-Ru-103

Radionuclide Production Cross Section



Incident Energy (MeV)

44-Ru-103

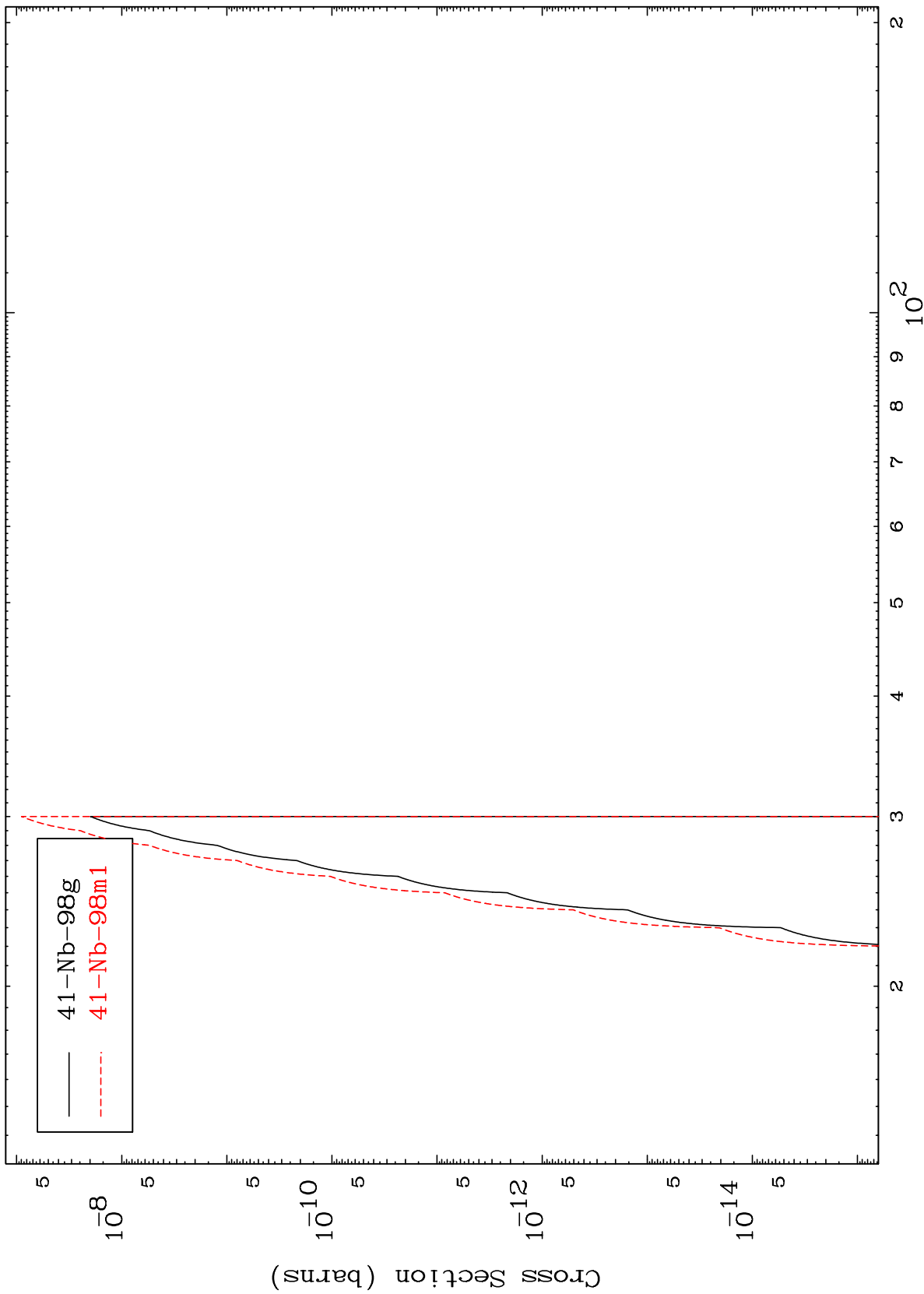
113

MAT 4446

(n,n') p  $\alpha$

44-Ru-103

Radionuclide Production Cross Section



114

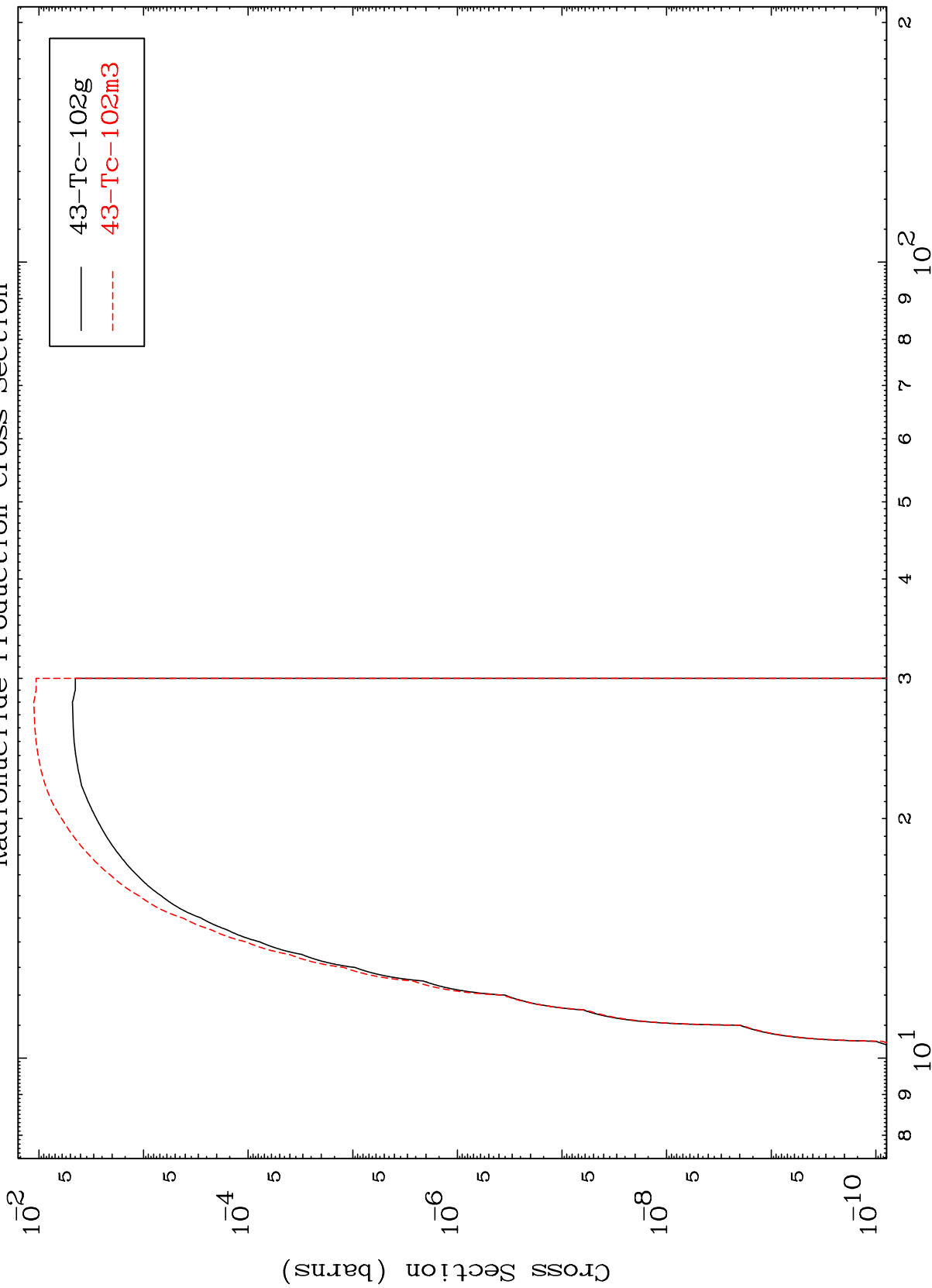
Incident Energy (MeV)

44-Ru-103

MAT 4446

44-Ru-103

(n,d)  
Radionuclide Production Cross Section



115

Incident Energy (MeV)

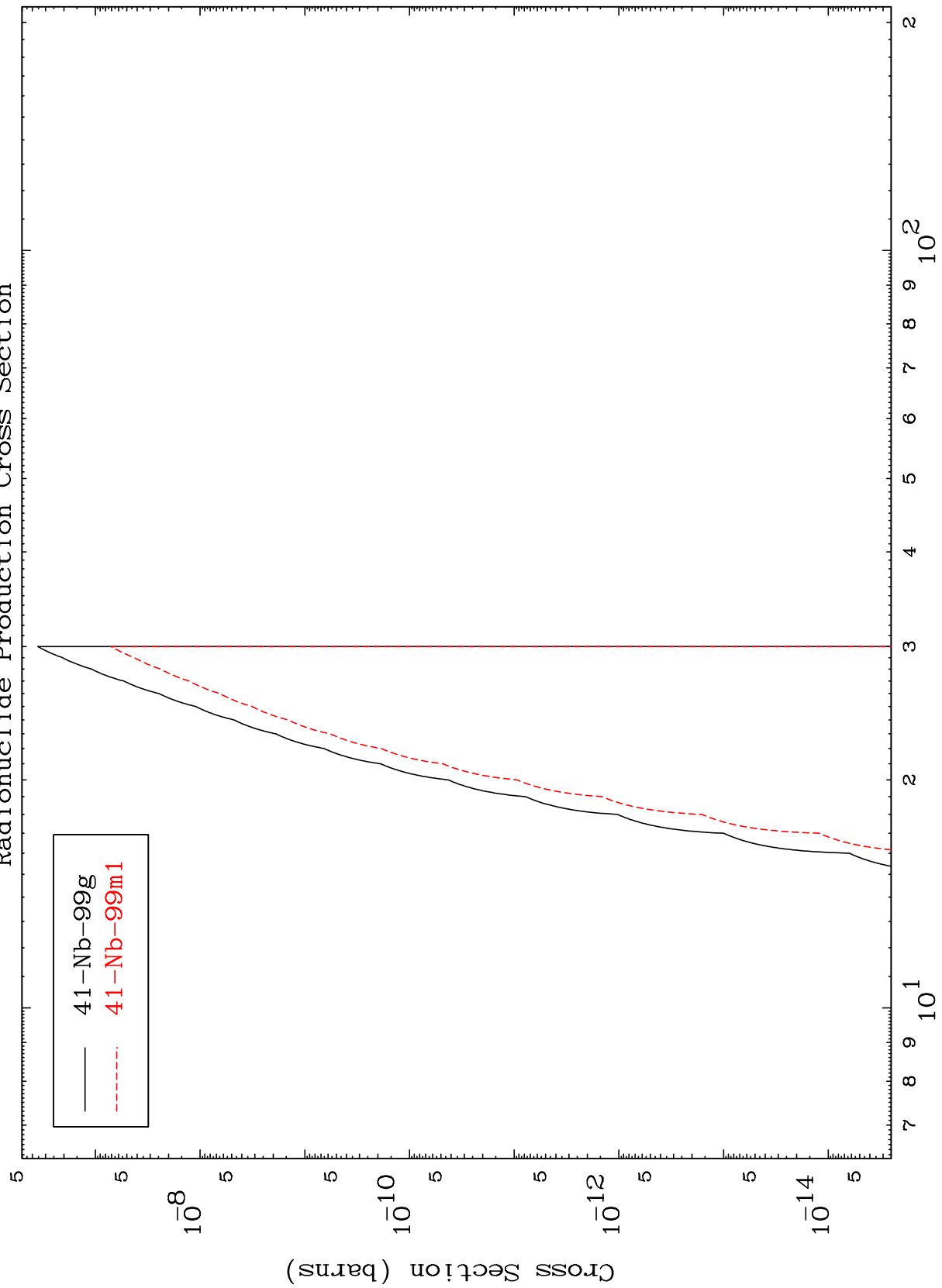
44-Ru-103

MAT 4446

(n,p)  $\alpha$

44-Ru-103

Radionuclide Production Cross Section



116

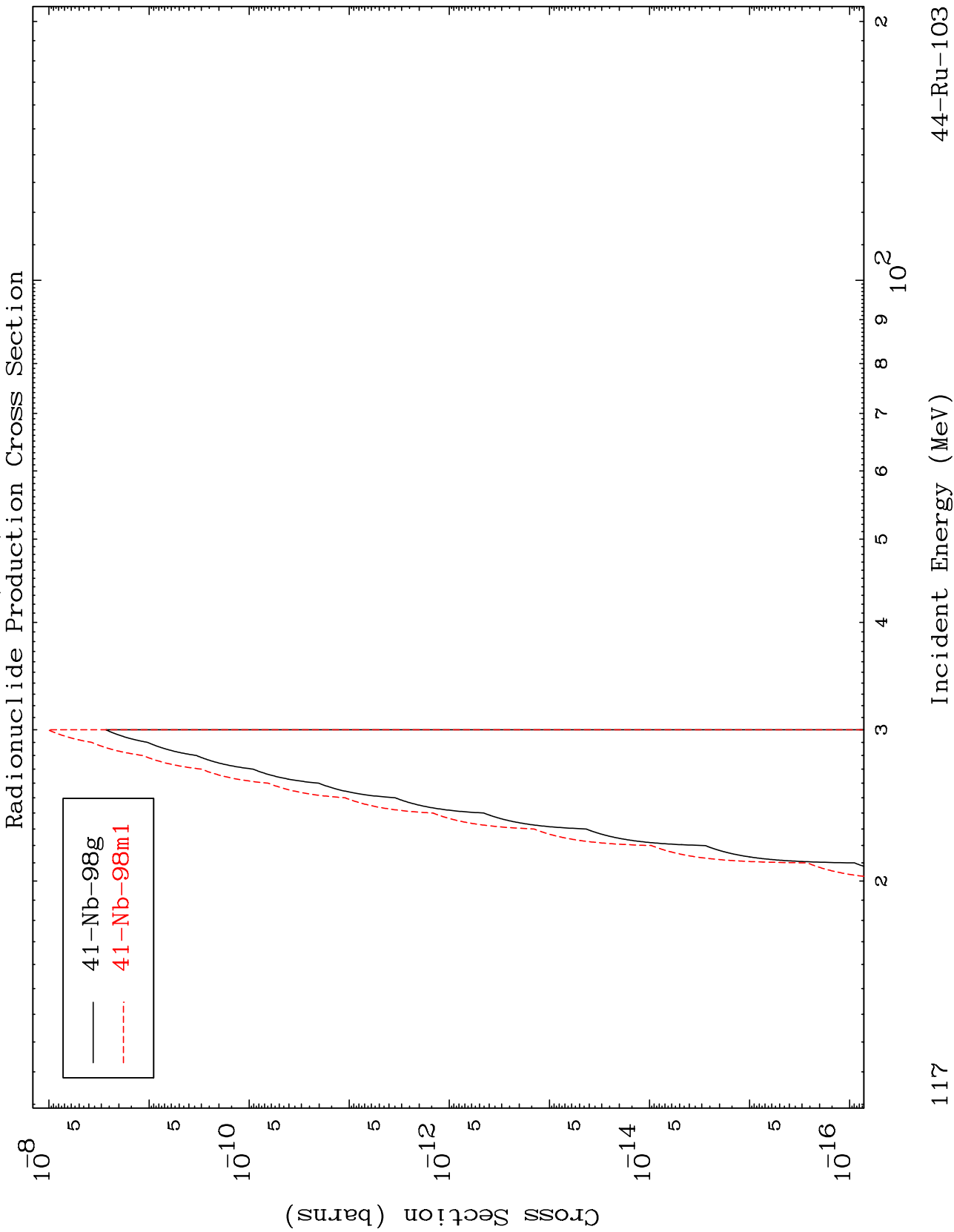
Incident Energy (MeV)

44-Ru-103

MAT 4446

(n,d)  $\alpha$

44-Ru-103



117

Incident Energy (MeV)

44-Ru-103