

Program EVALPLOT  
(Version 2018-1)

by

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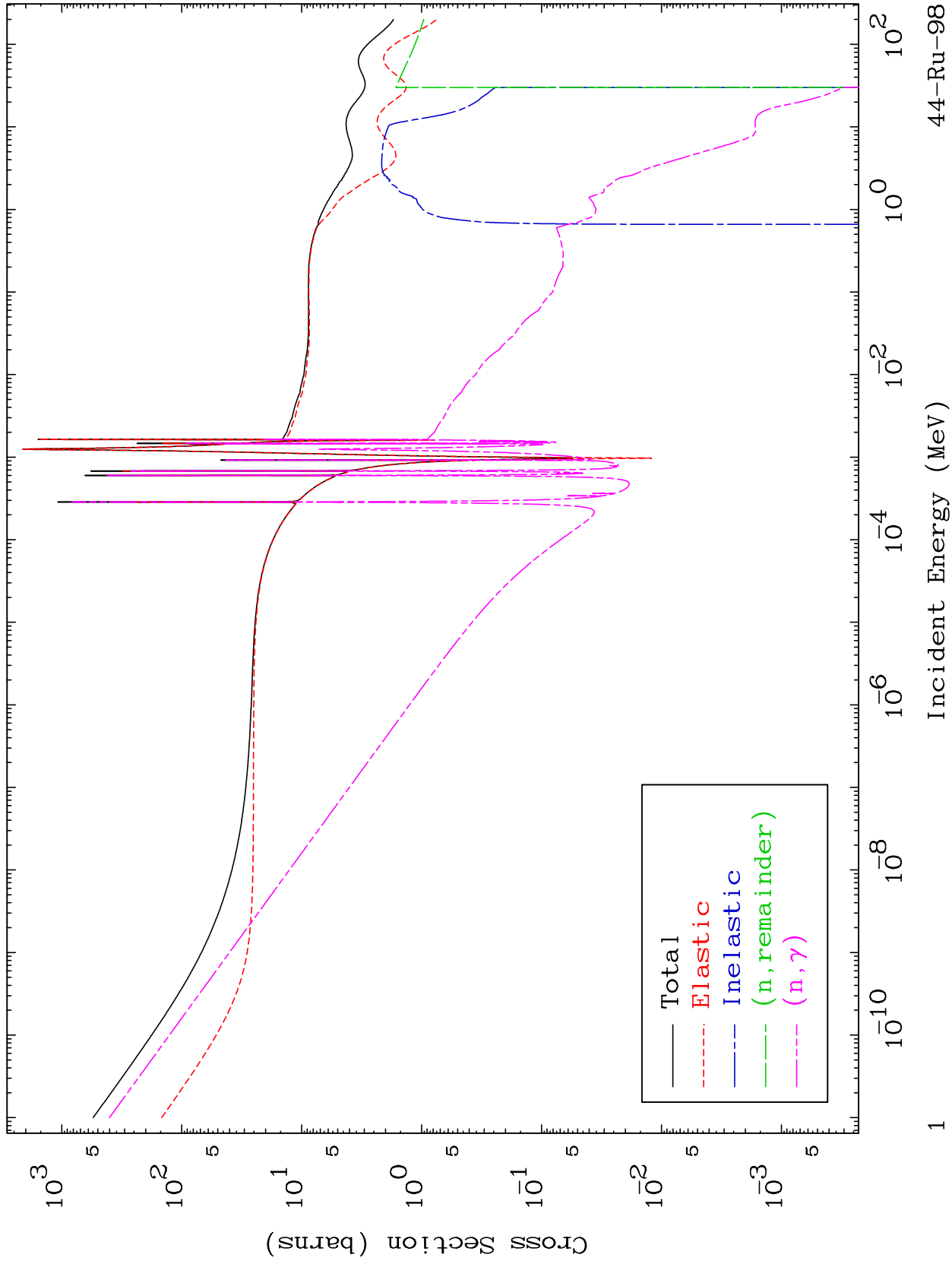
Press Mouse Button to Start

MAT 4431

Major

293 Kelvin Cross Sections

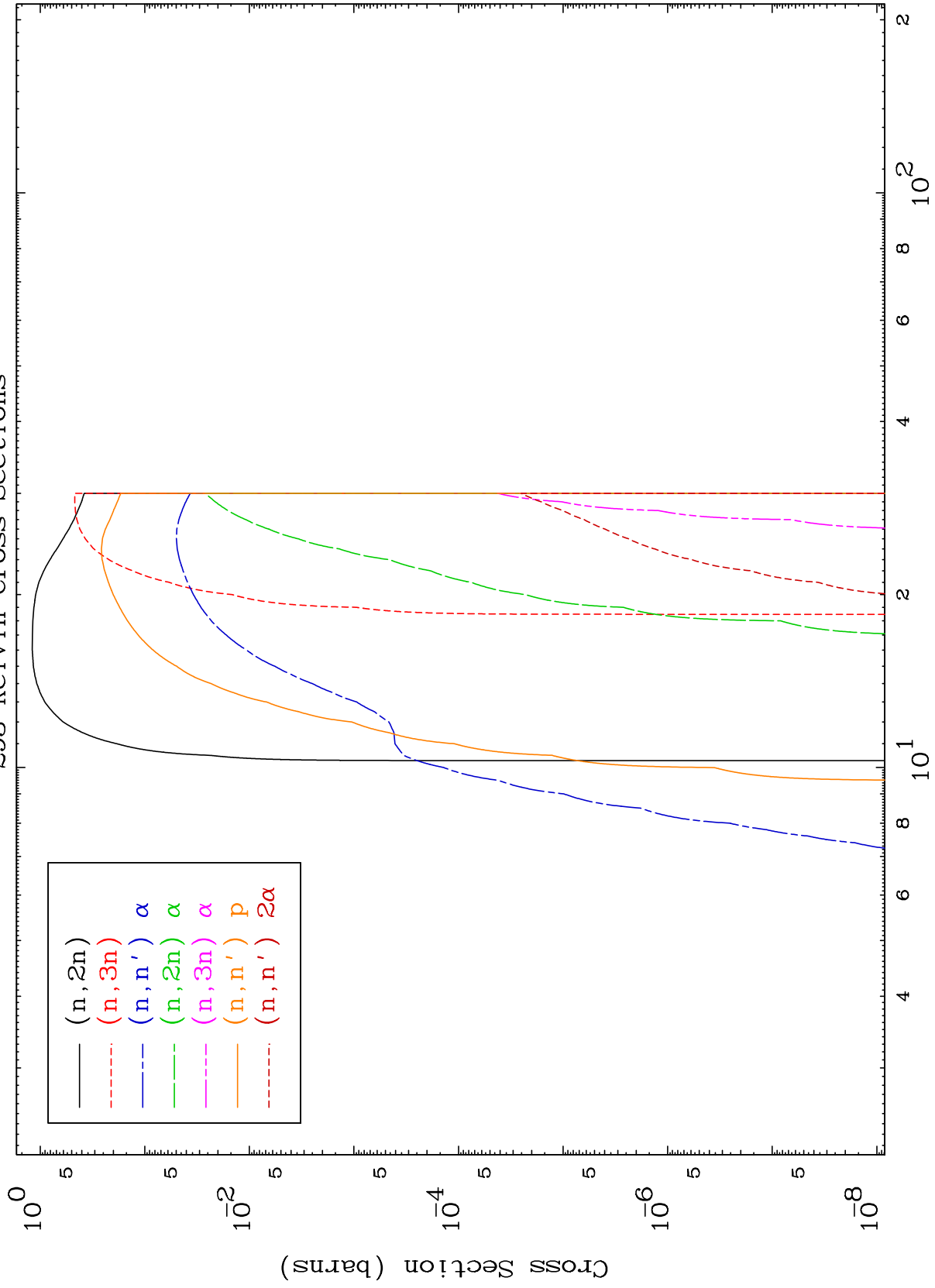
44-Ru-98



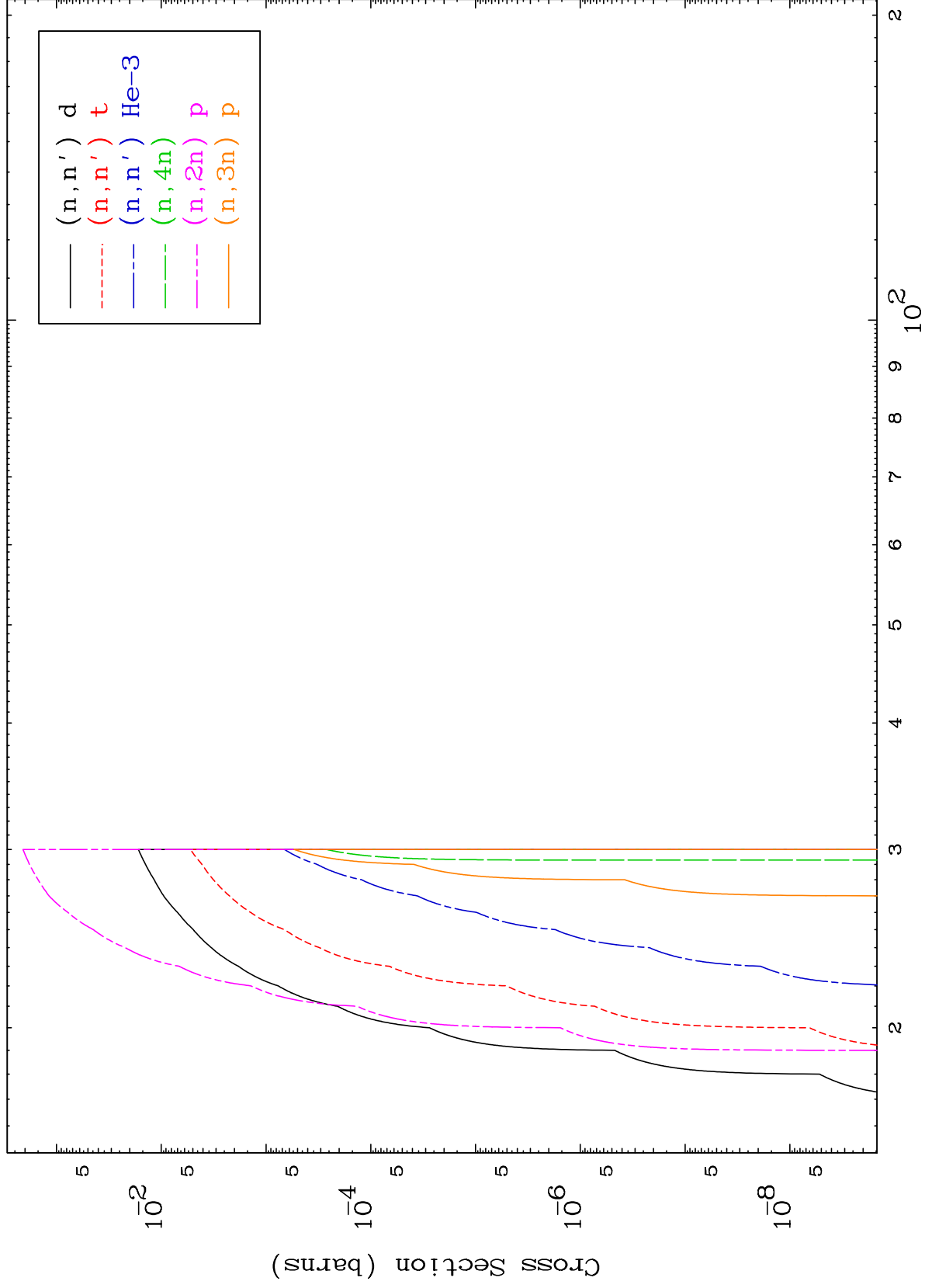
MAT 4431

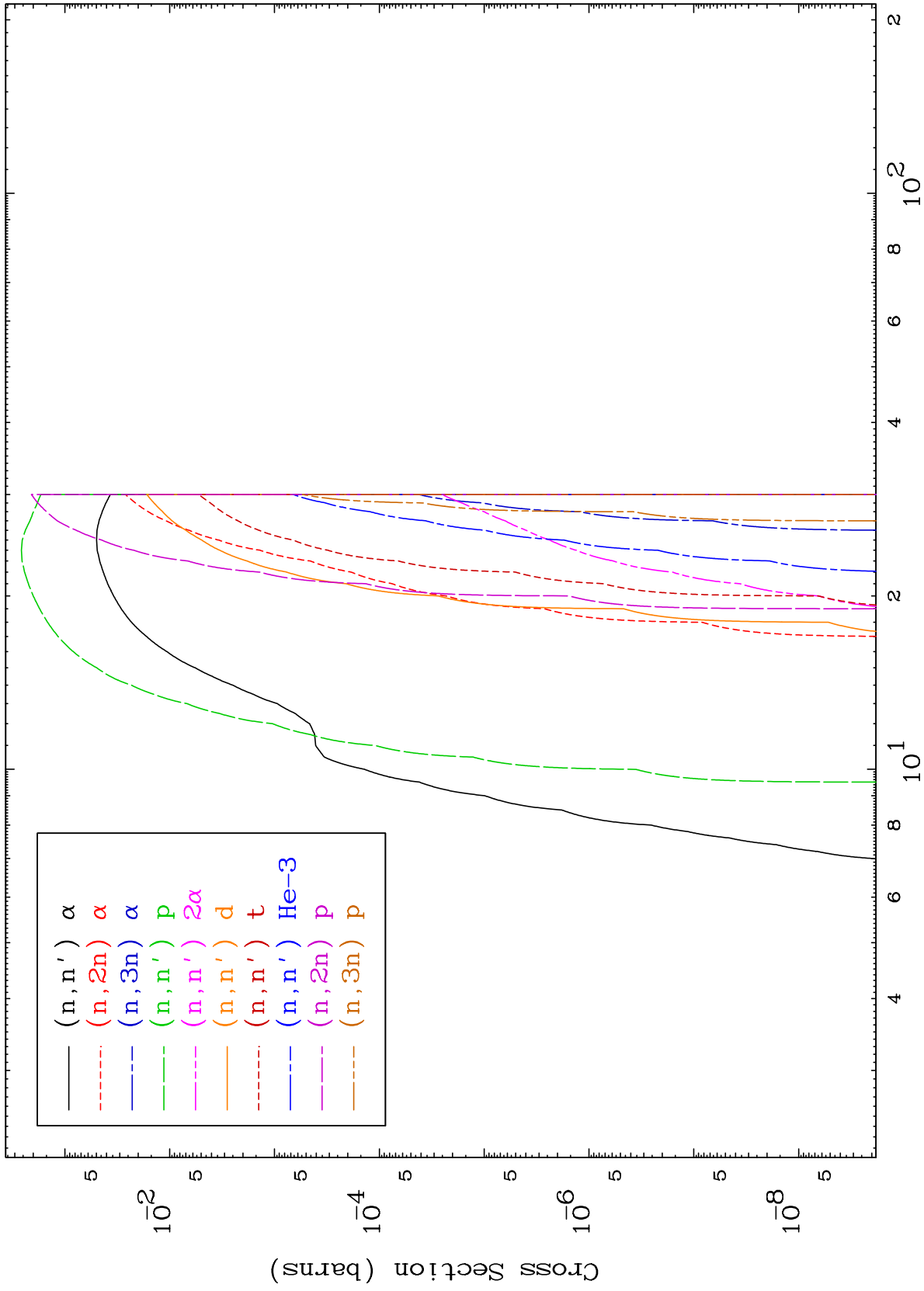
Neutron Production  
293 Kelvin Cross Sections

44-Ru-98



44-Ru-98

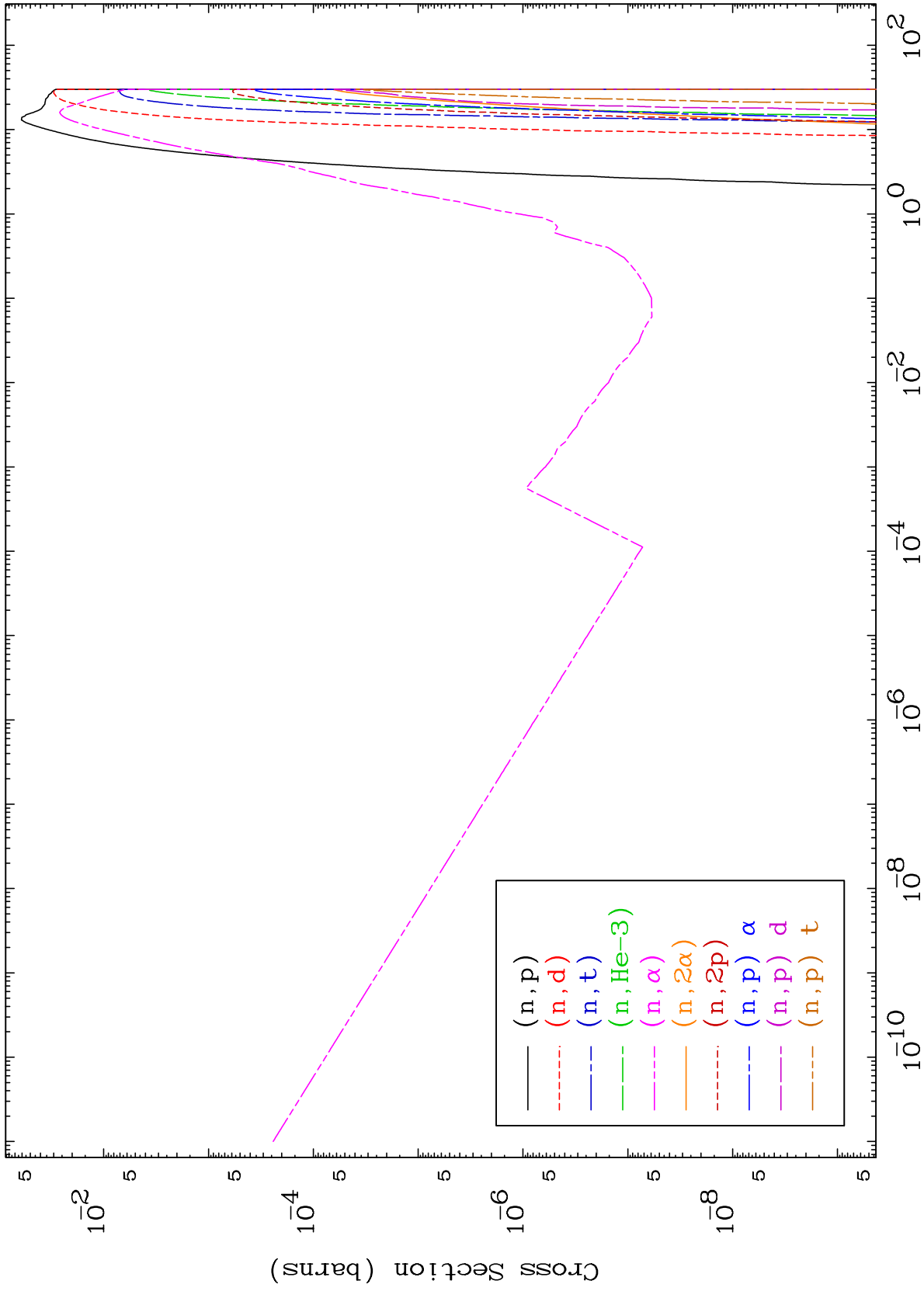




MAT 4431

293 Kelvin Cross Sections

44-Ru-98



5

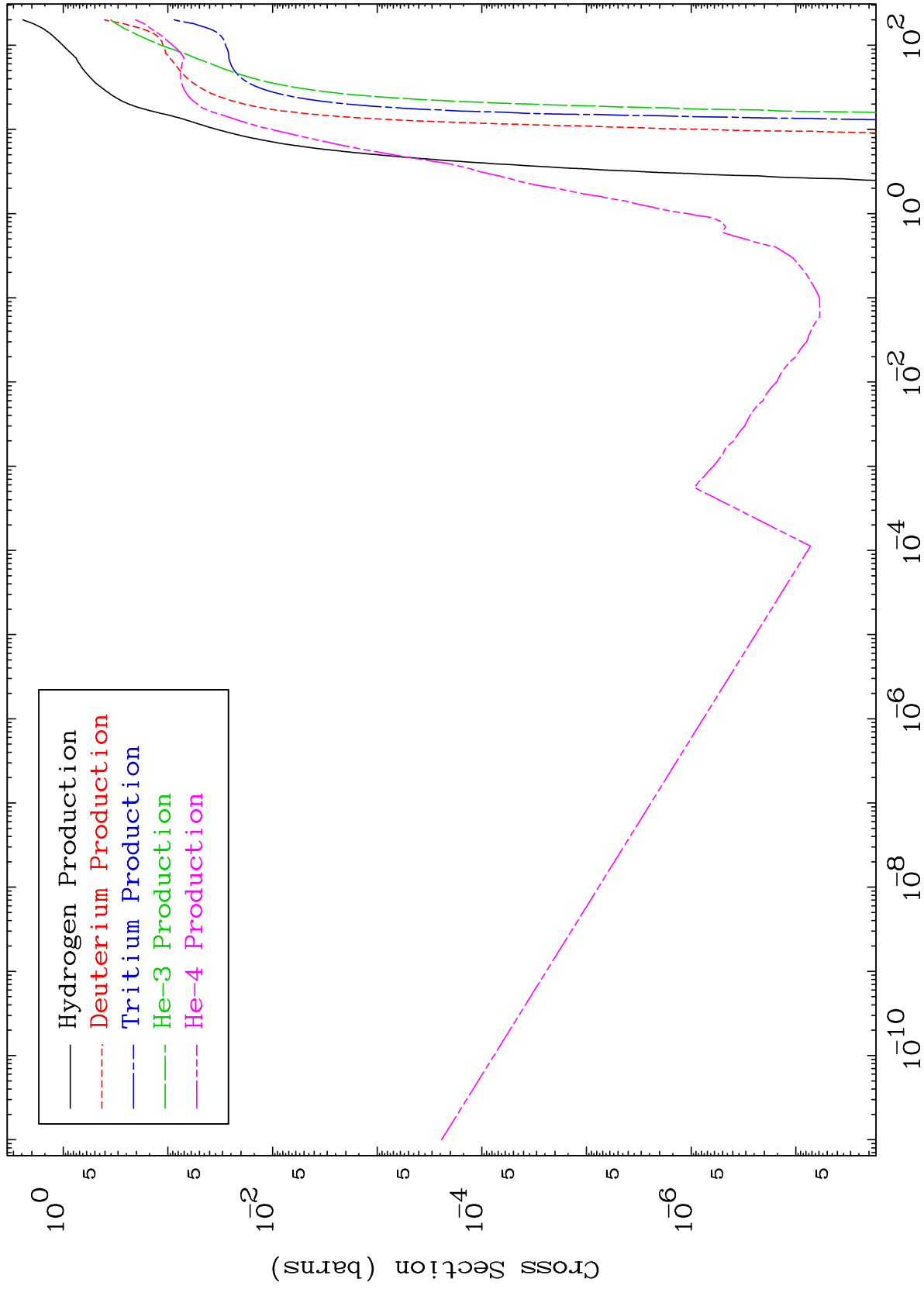
Incident Energy (MeV)

44-Ru-98

MAT 4431

Particle Production  
293 Kelvin Cross Sections

44-Ru-98



6

Incident Energy (MeV)

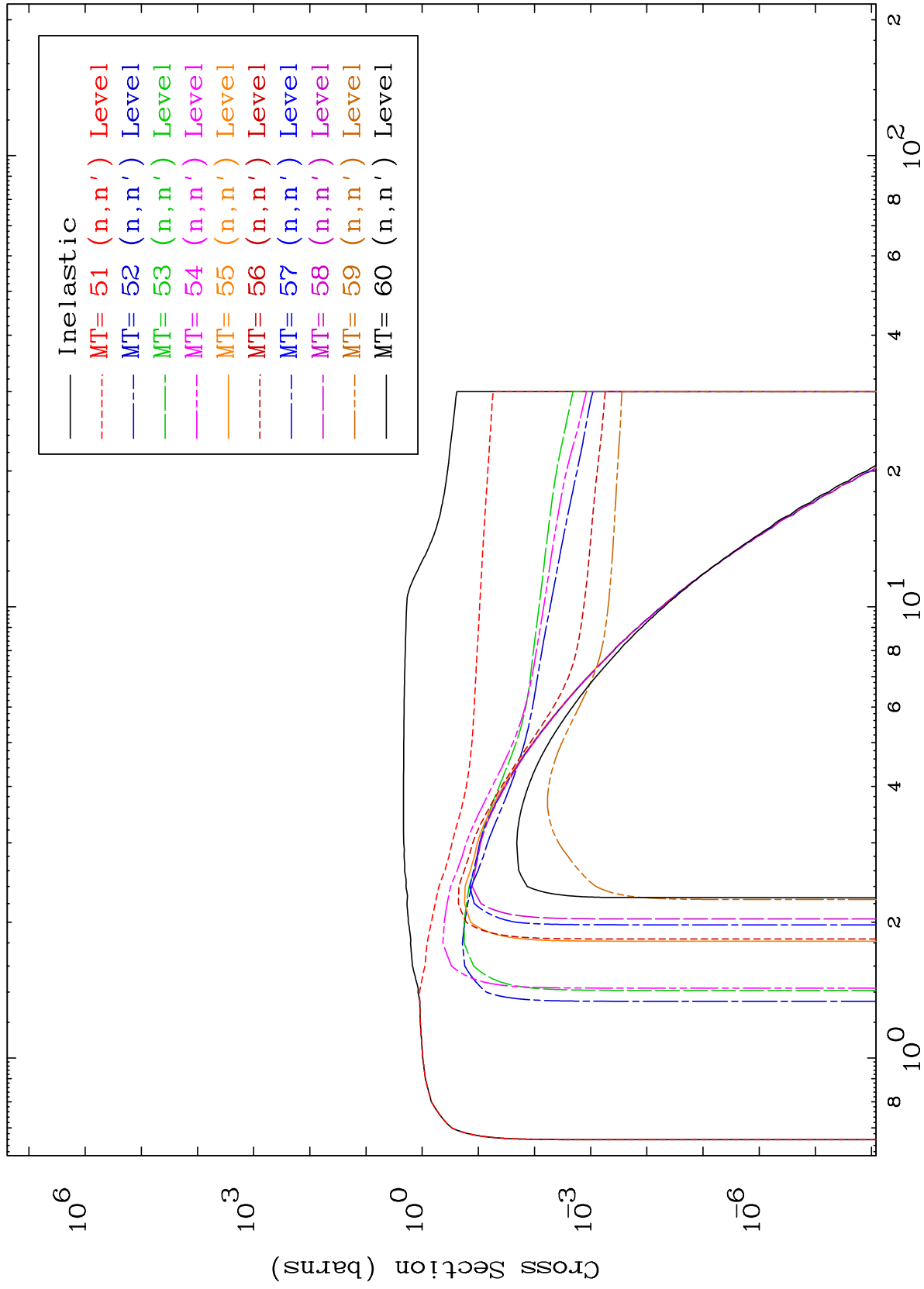
44-Ru-98

MAT 4431

(n,n') Level

44-Ru-98

293 Kelvin Cross Sections



7

Incident Energy (MeV)

44-Ru-98

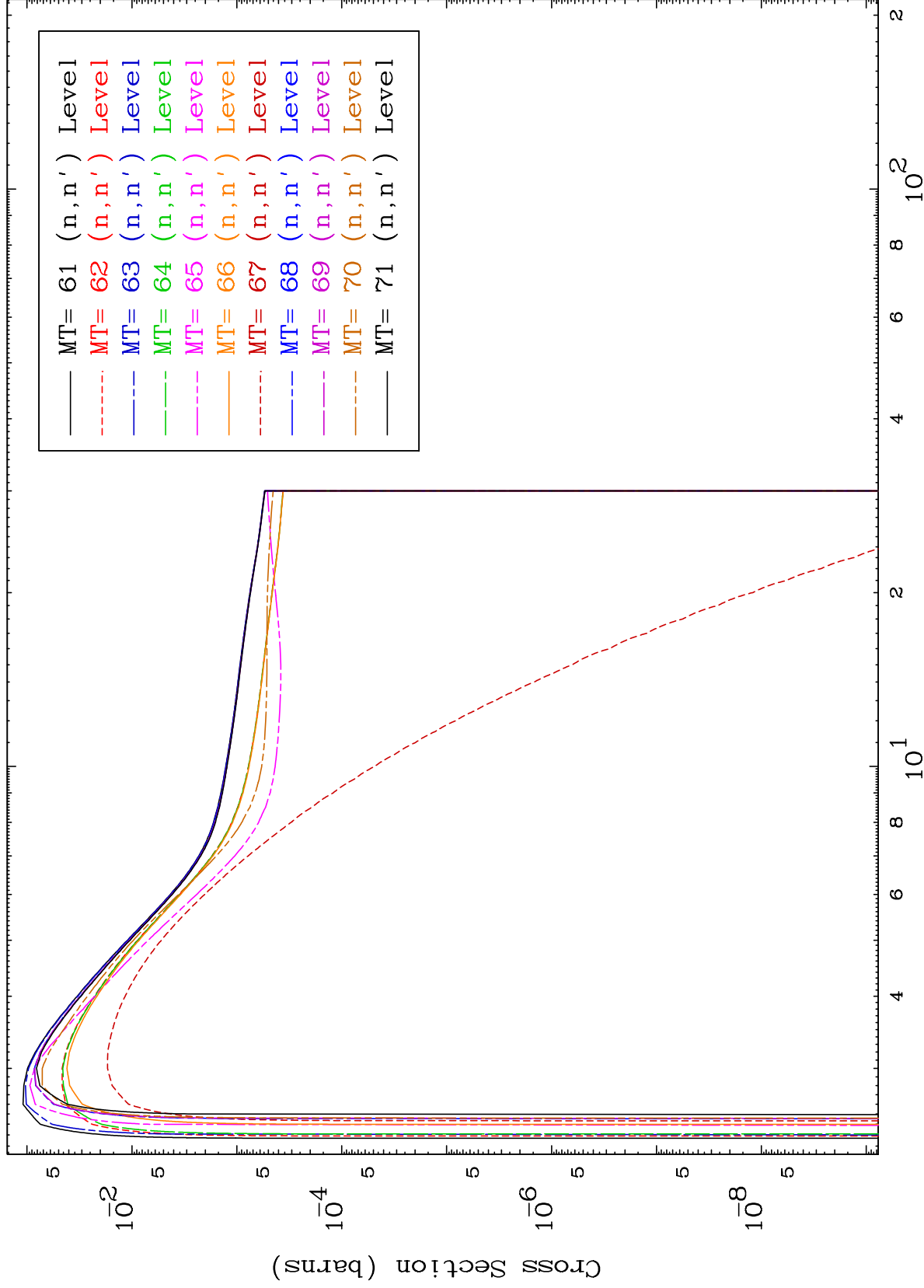


MAT 4431

(n,n') Level

44-Ru-98

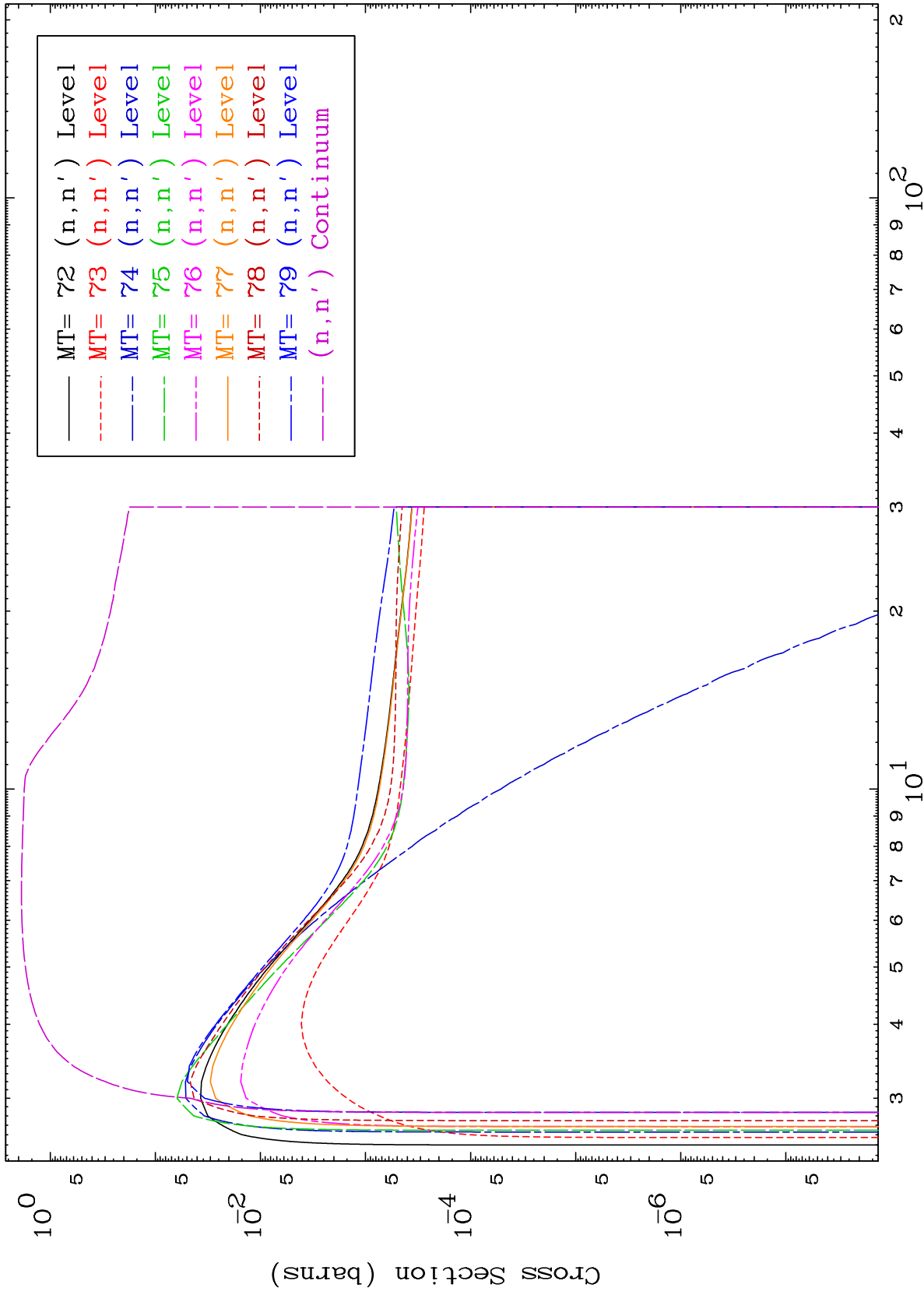
293 Kelvin Cross Sections



8

Incident Energy (MeV)

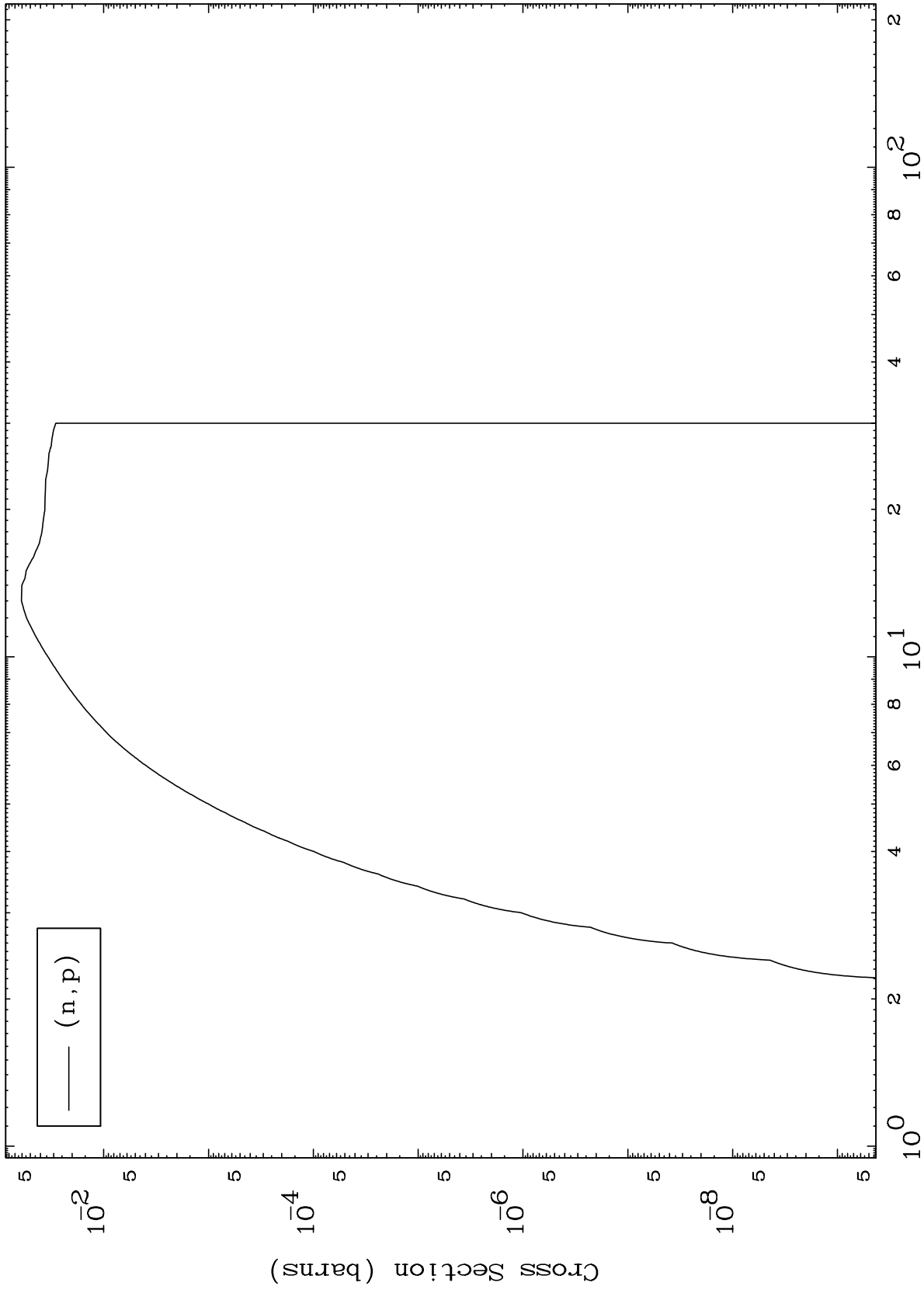
44-Ru-98



MAT 4431

(n,p) Levels  
293 Kelvin Cross Sections

44-Ru-98



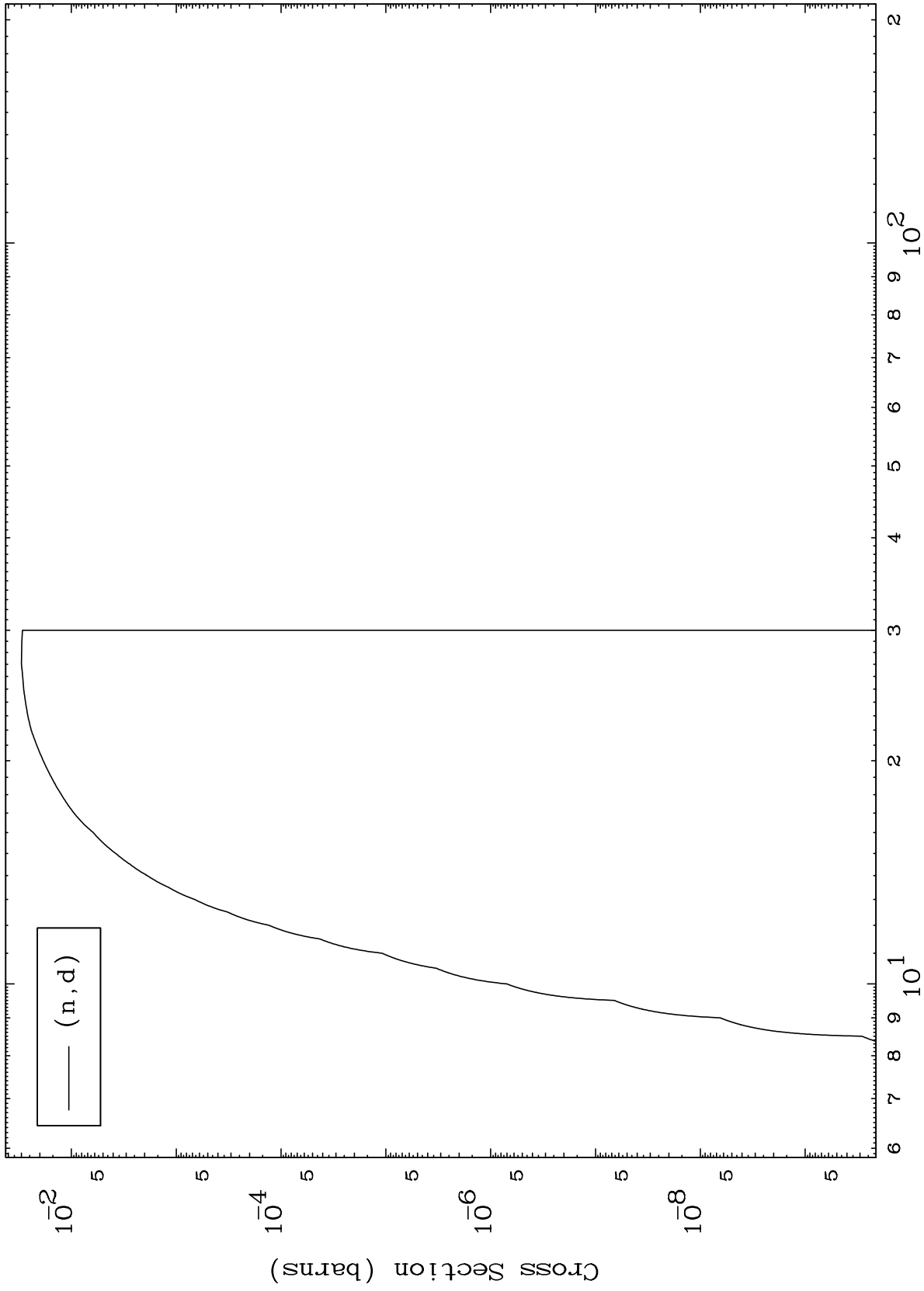
Incident Energy (MeV)

44-Ru-98

MAT 4431

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-98



11

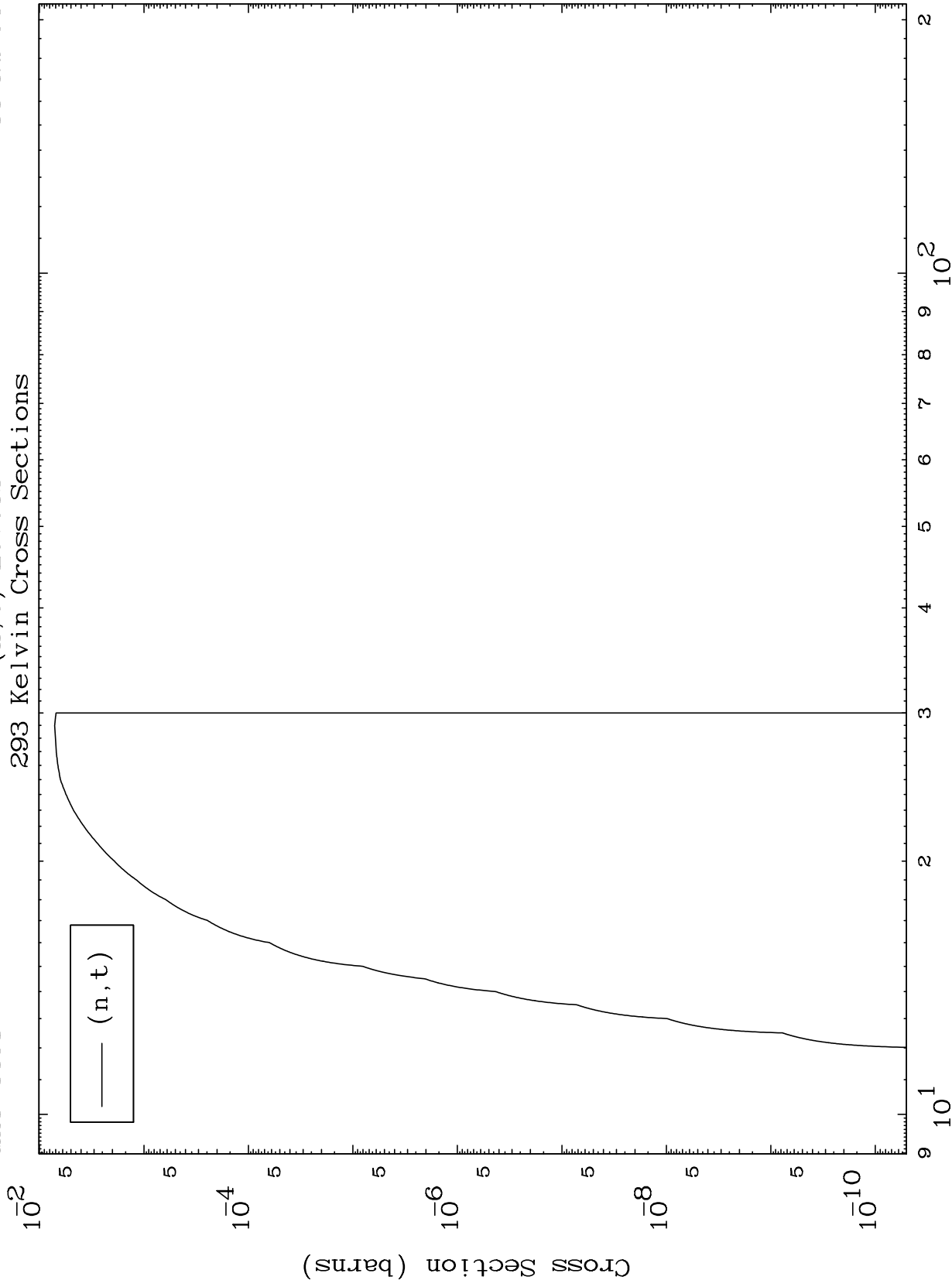
Incident Energy (MeV)

44-Ru-98

MAT 4431

44-Ru-98

(n,t) Levels  
293 Kelvin Cross Sections



12

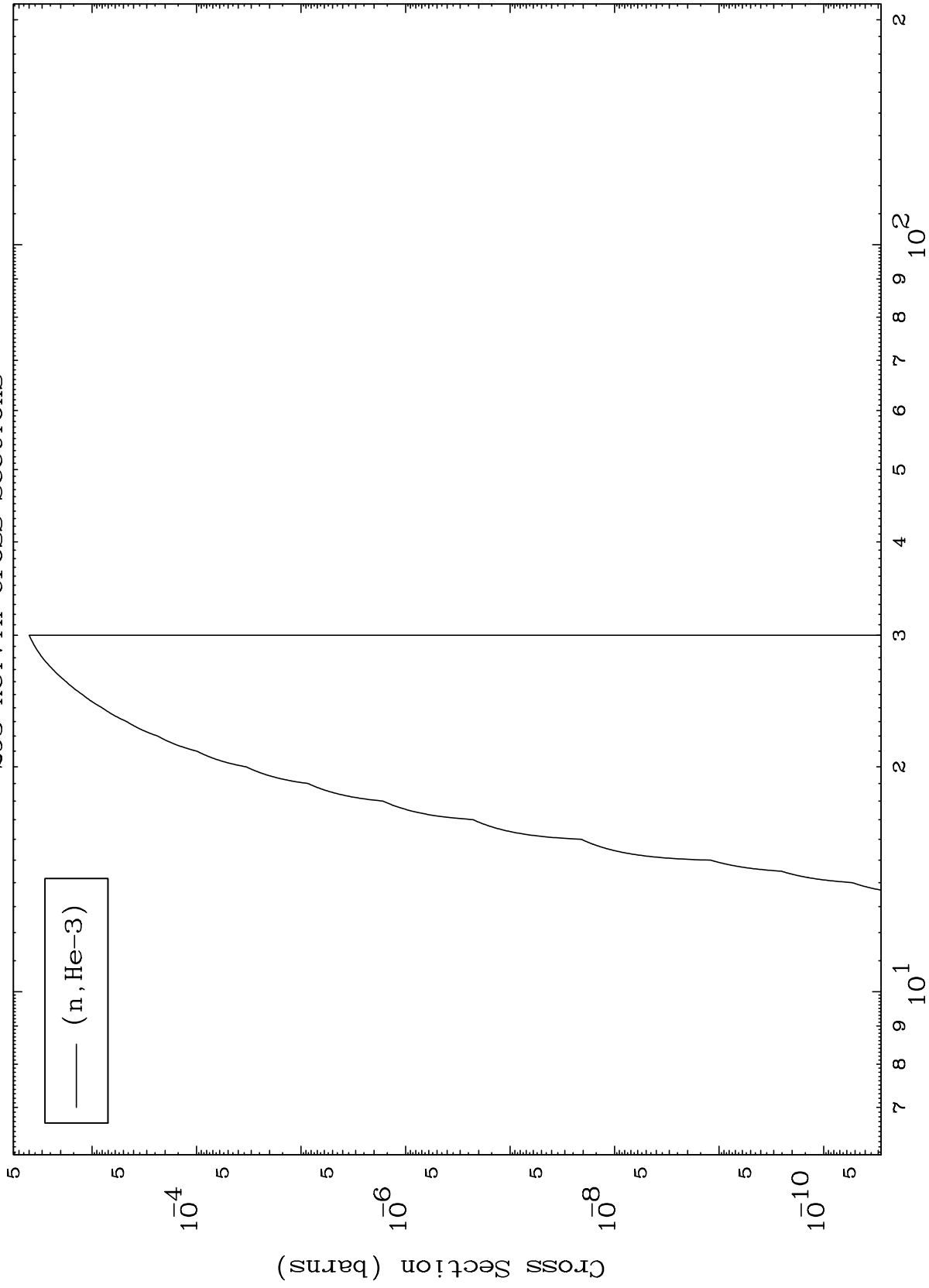
Incident Energy (MeV)

44-Ru-98

MAT 4431

(n,He3) Levels  
293 Kelvin Cross Sections

44-Ru-98



13

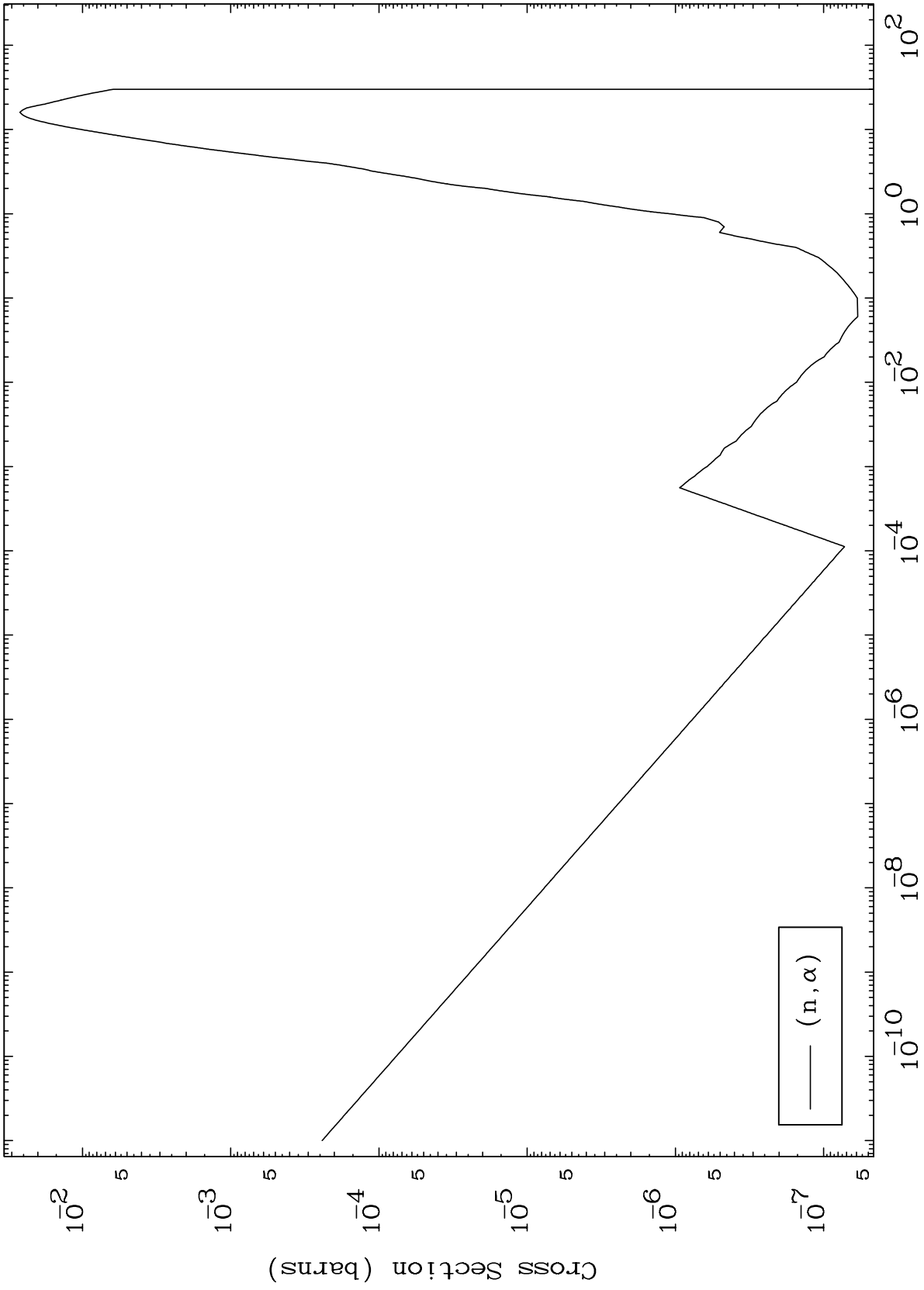
Incident Energy (MeV)

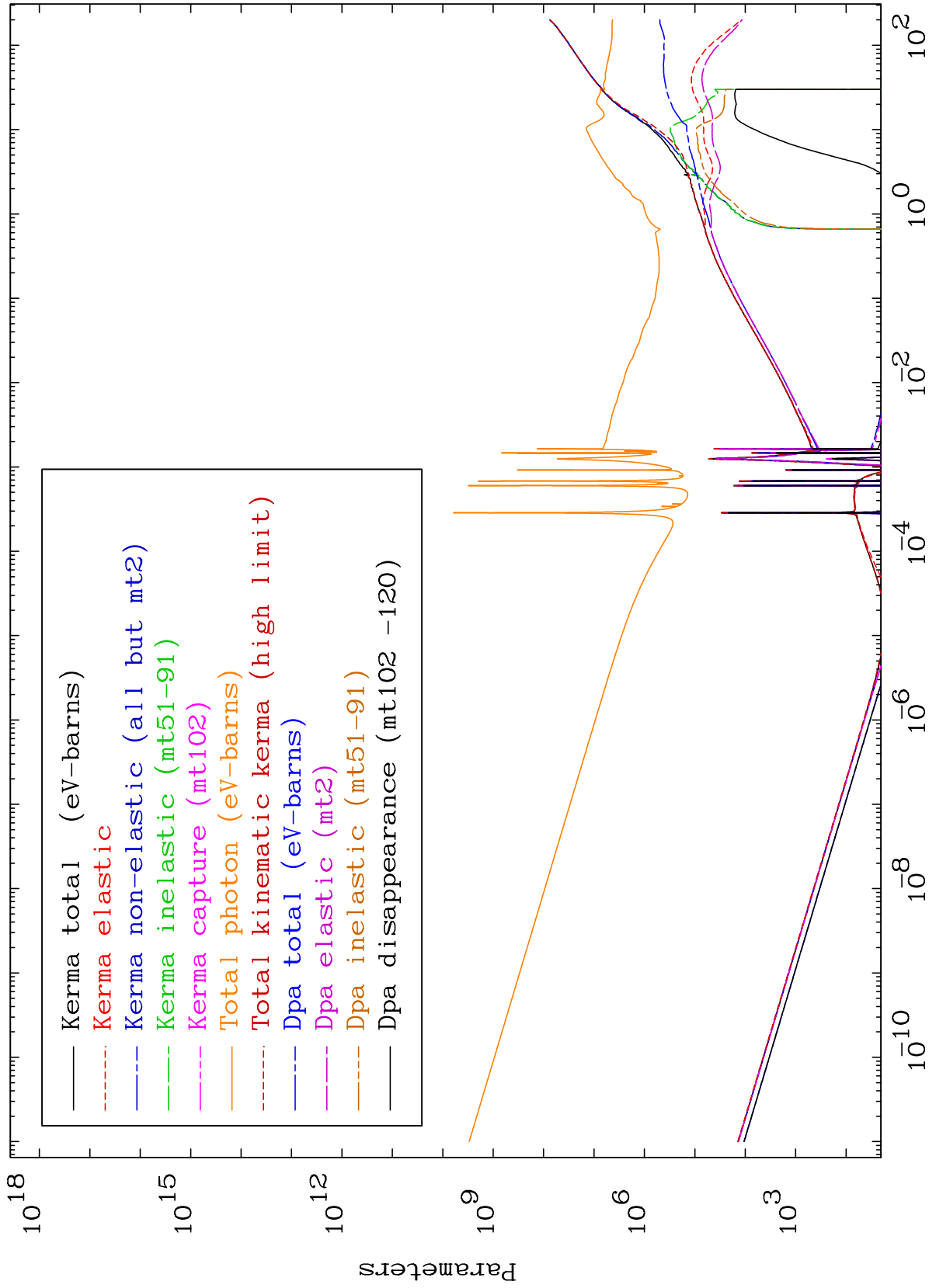
44-Ru-98

MAT 4431

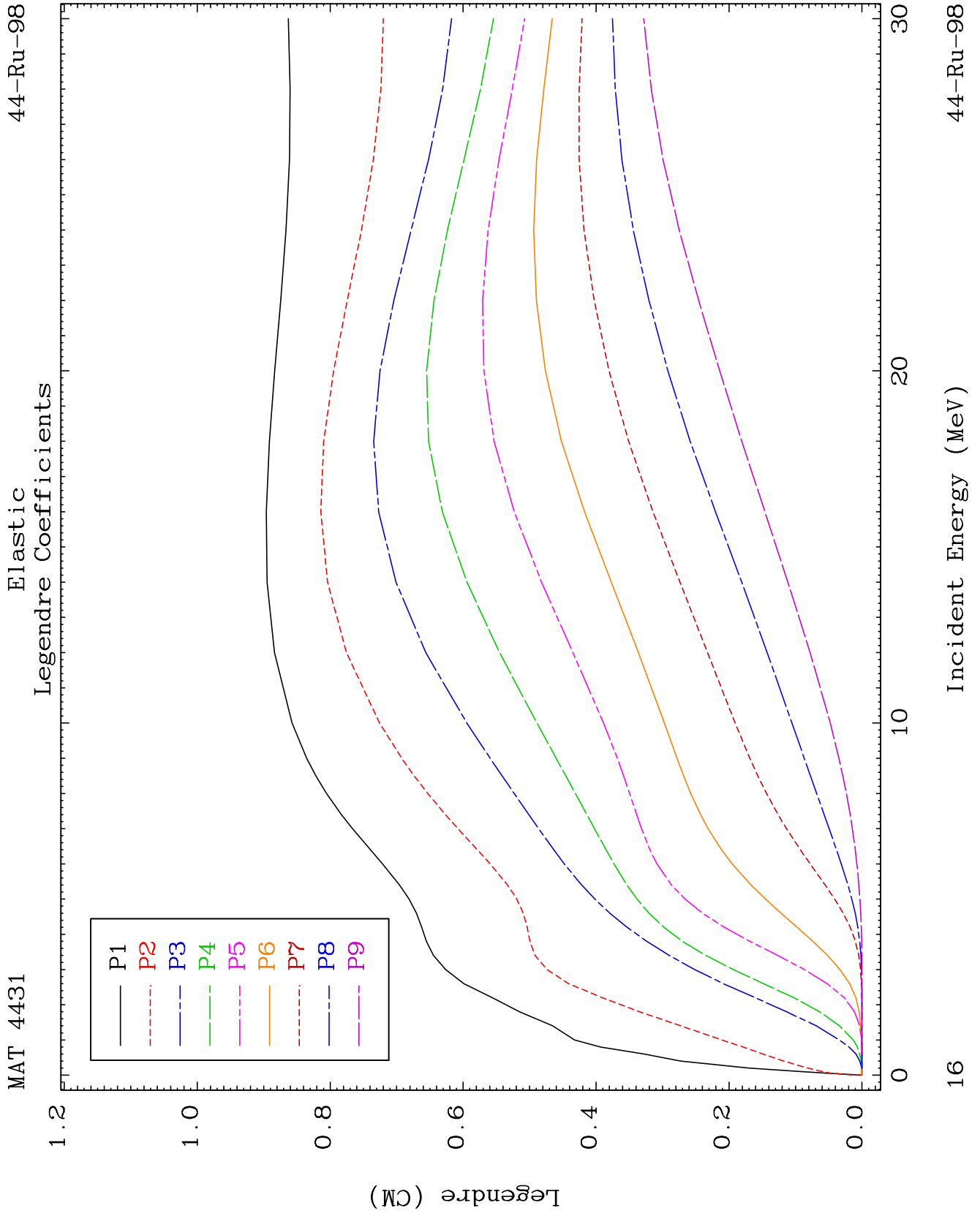
(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

44-Ru-98





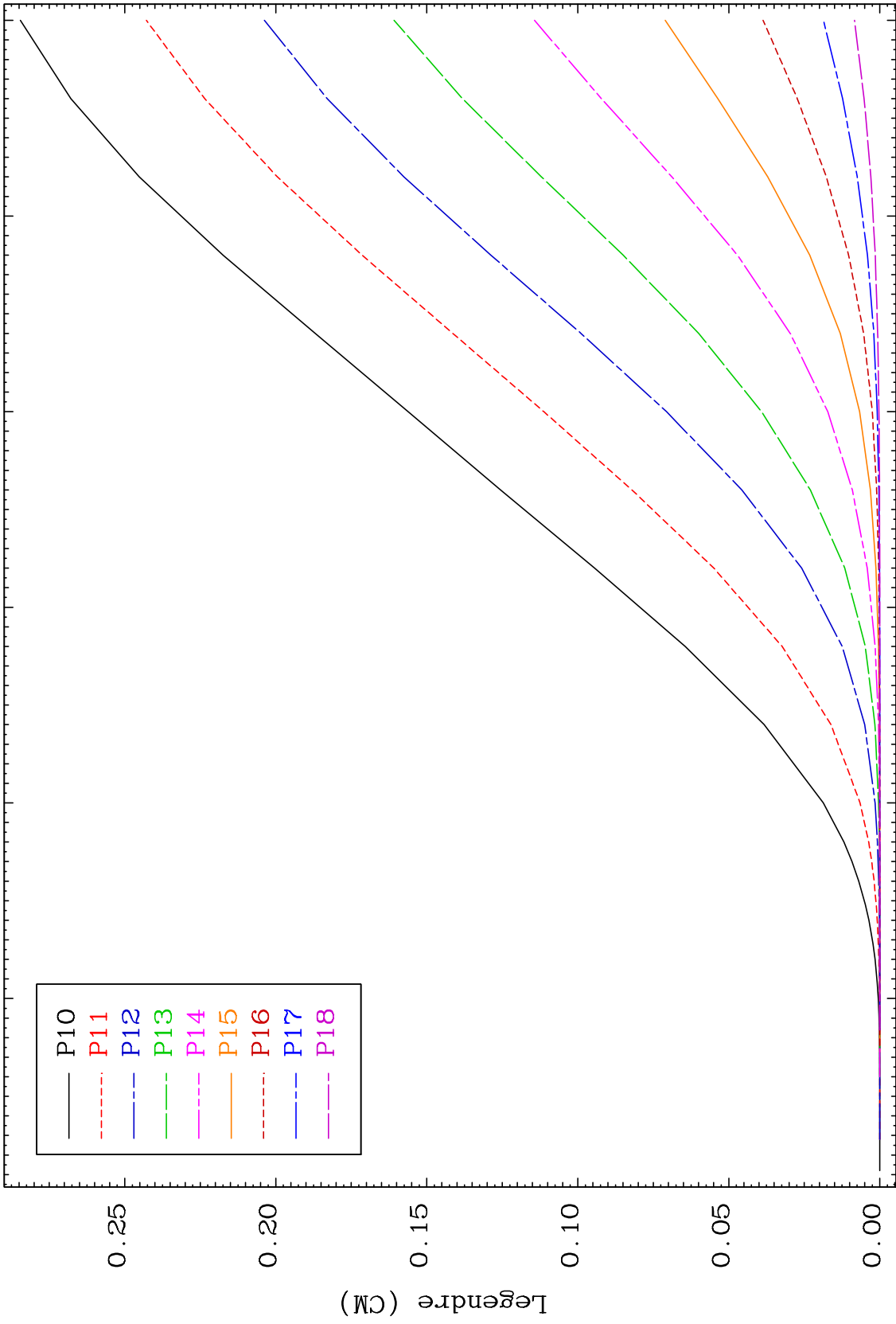




MAT 4431

Elastic Legendre Coefficients

44-Ru-98



17

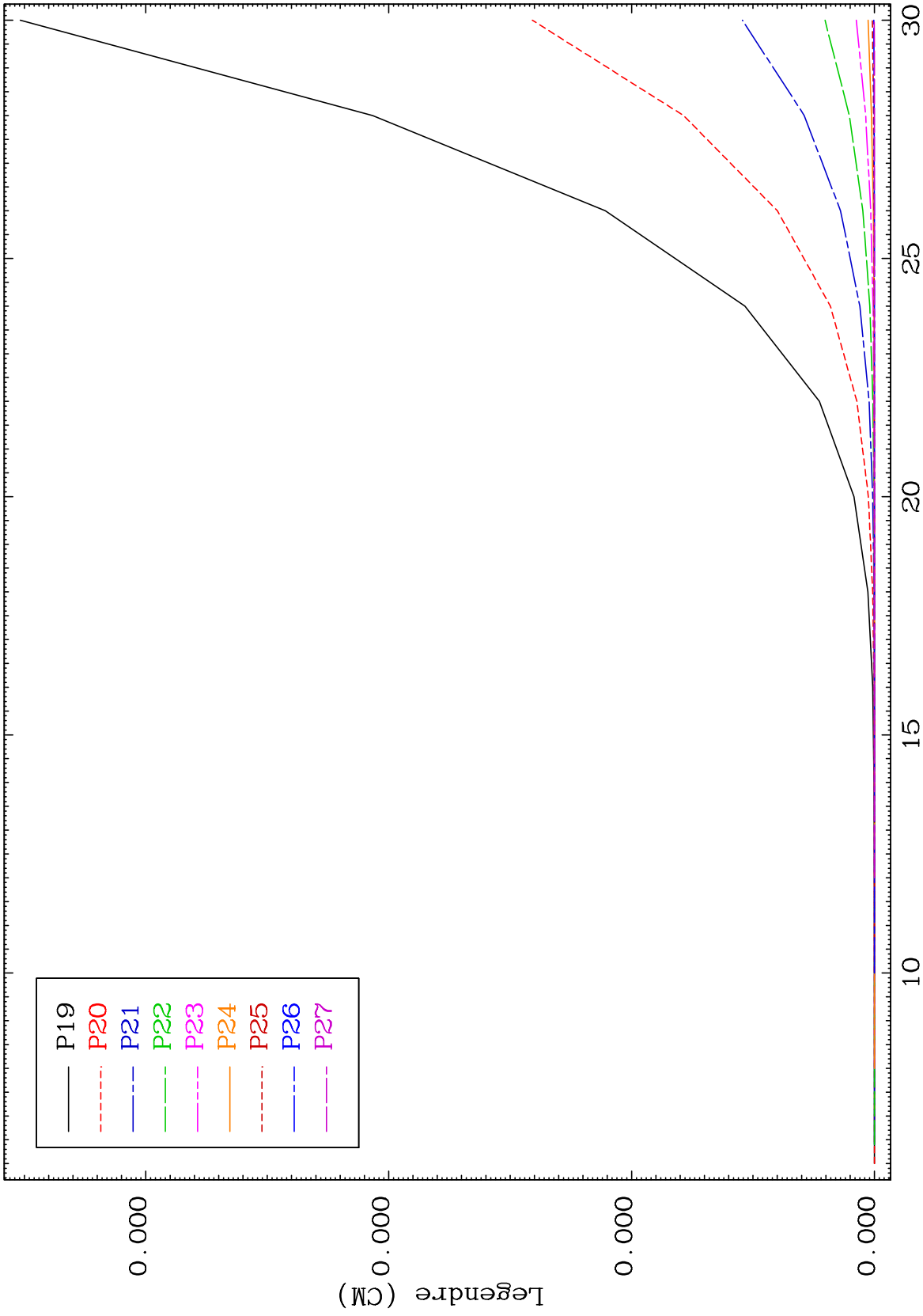
Incident Energy (MeV)

44-Ru-98

MAT 4431

### Elastic Legendre Coefficients

44-Ru-98



18

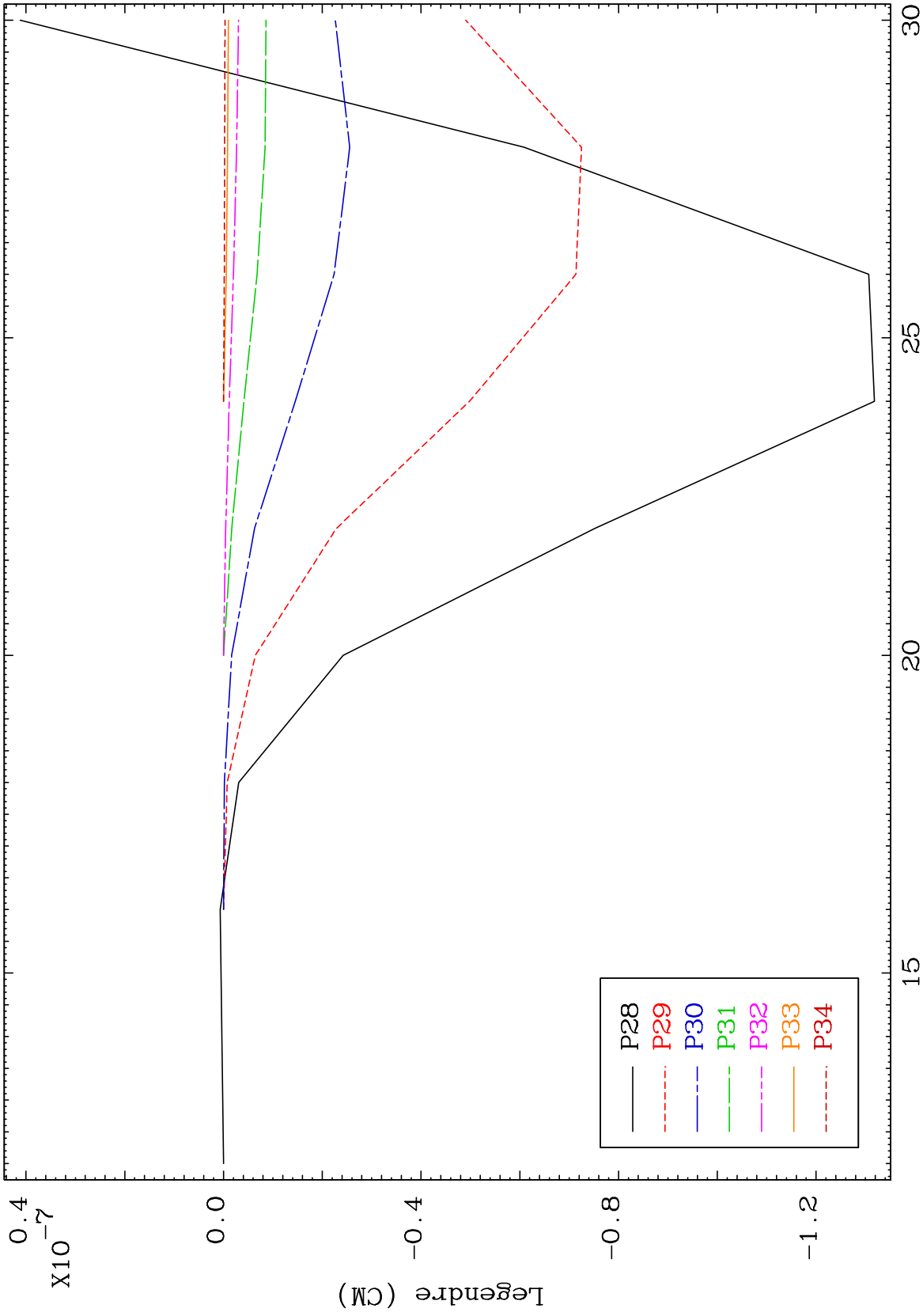
Incident Energy (MeV)

44-Ru-98

MAT 4431

Elastic  
Legendre Coefficients

44-Ru-98



19

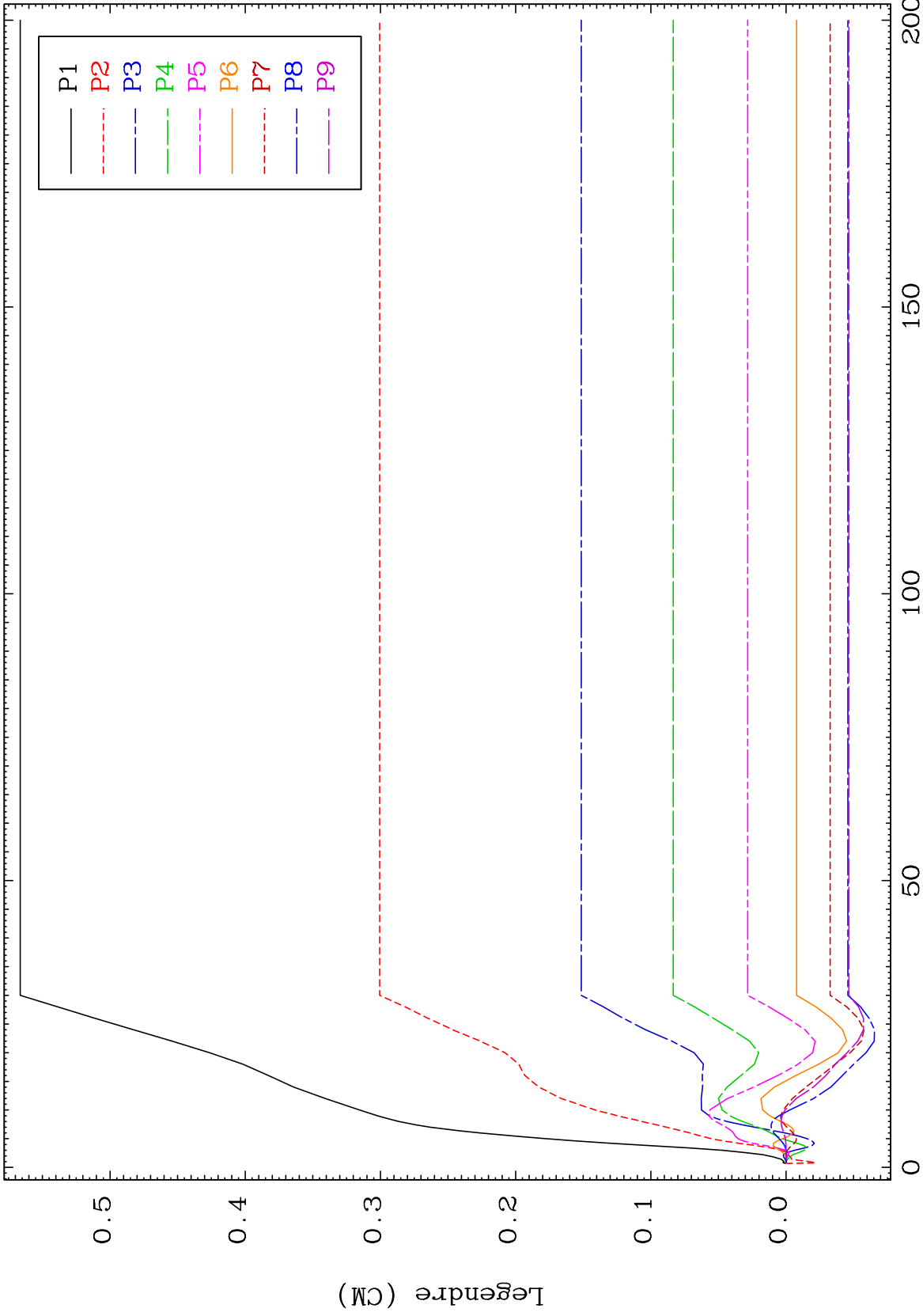
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



0

50

100

150

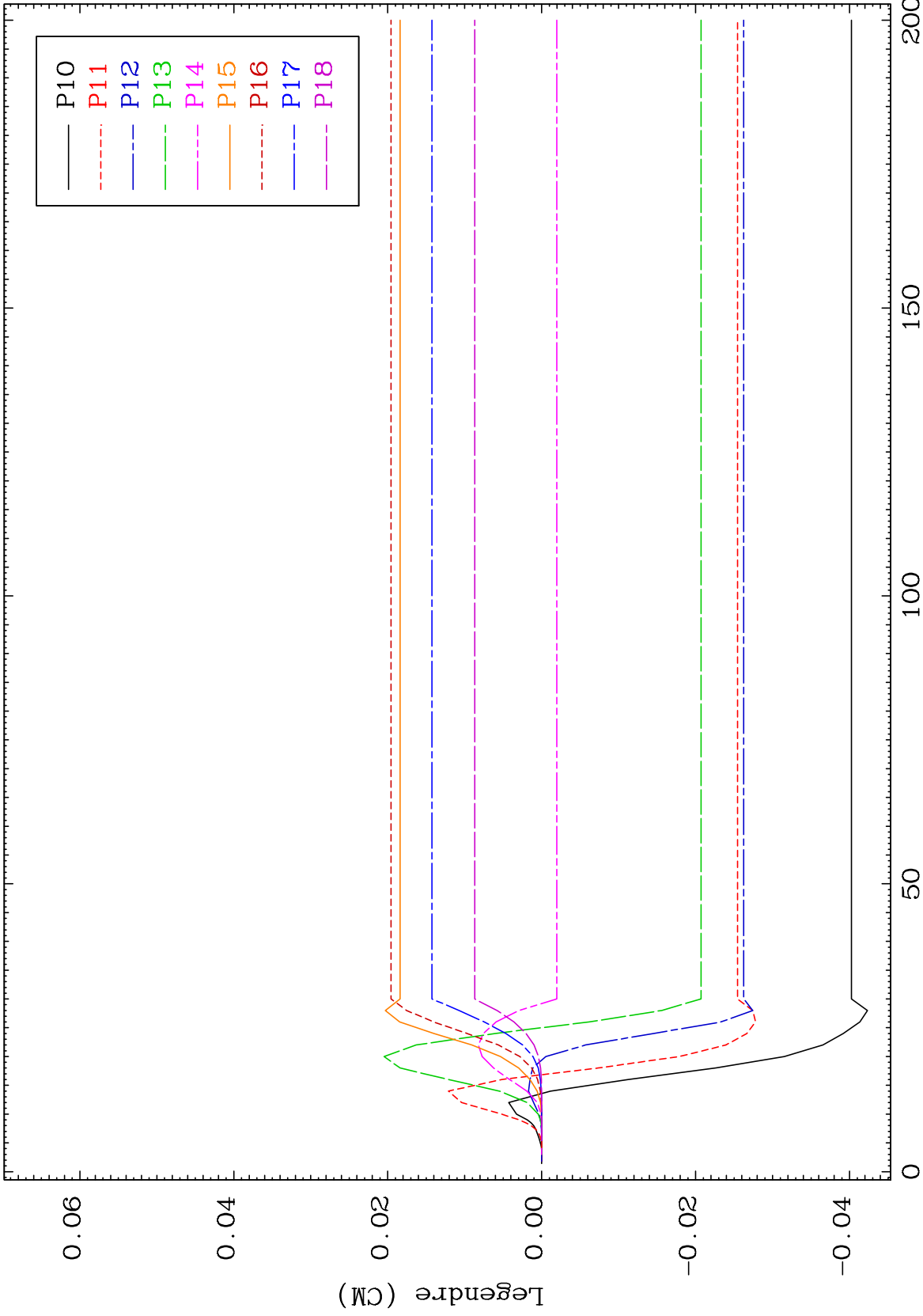
200

44-Ru-98

MAT 4431

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

44-Ru-98



21

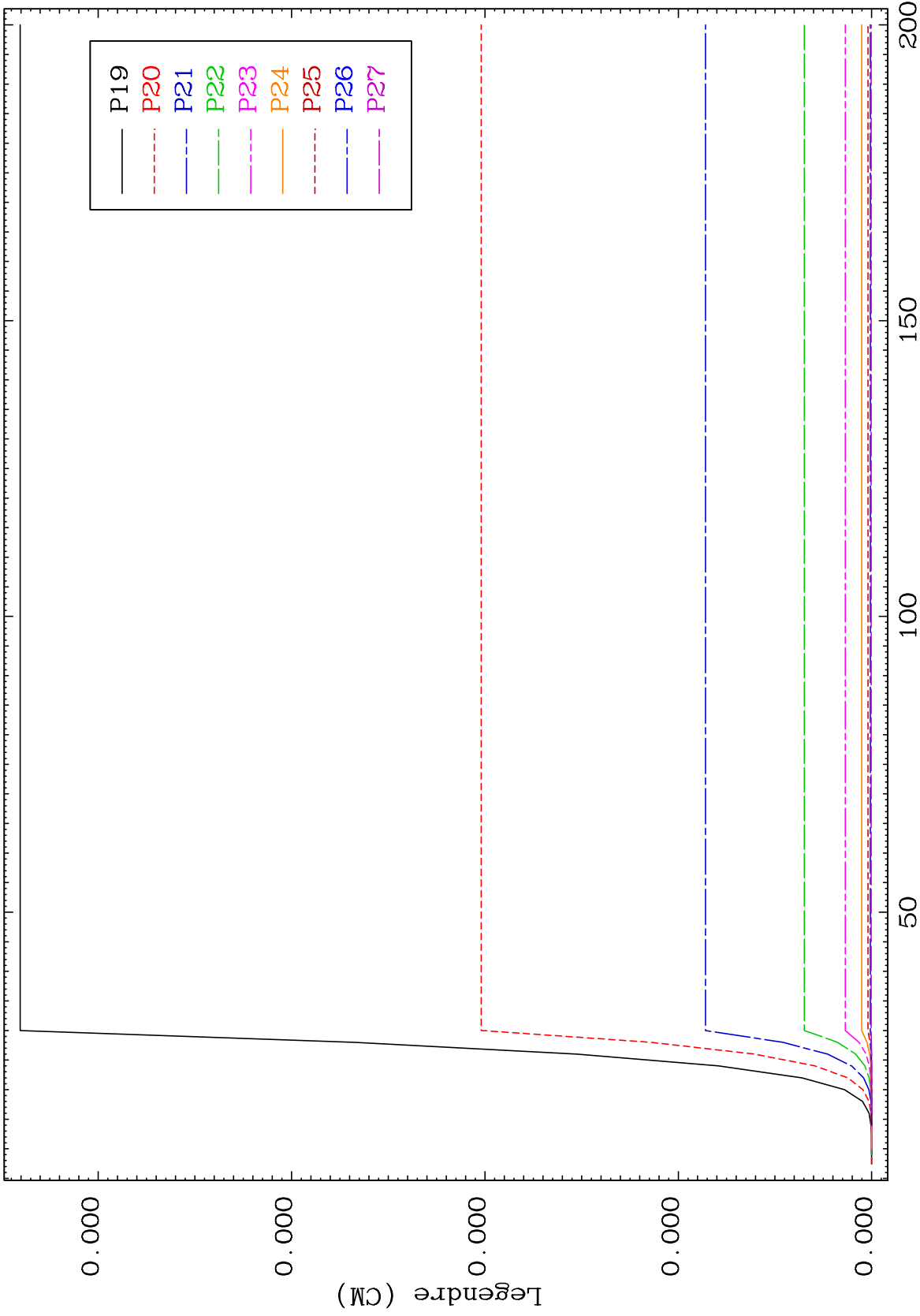
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



22

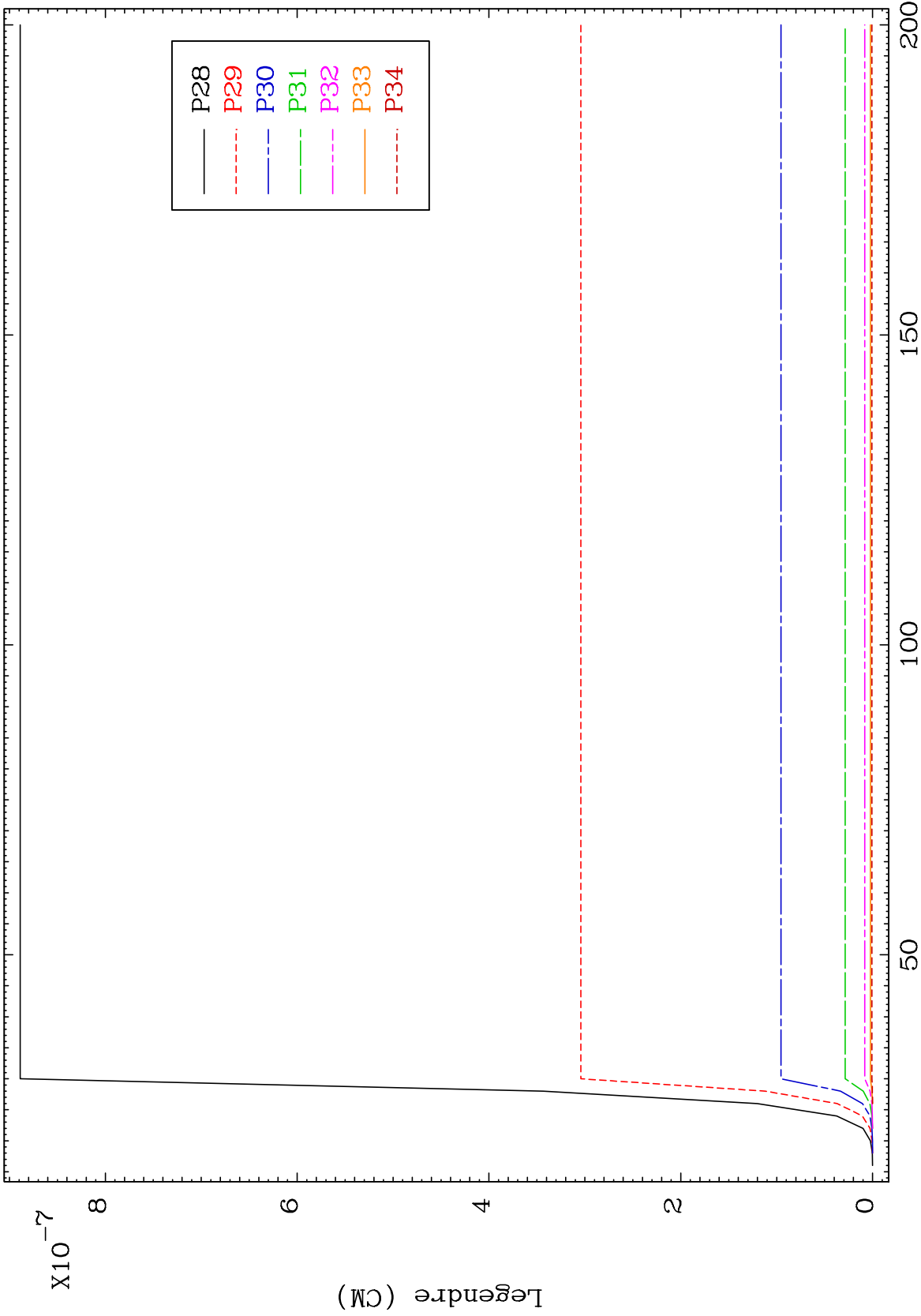
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



23

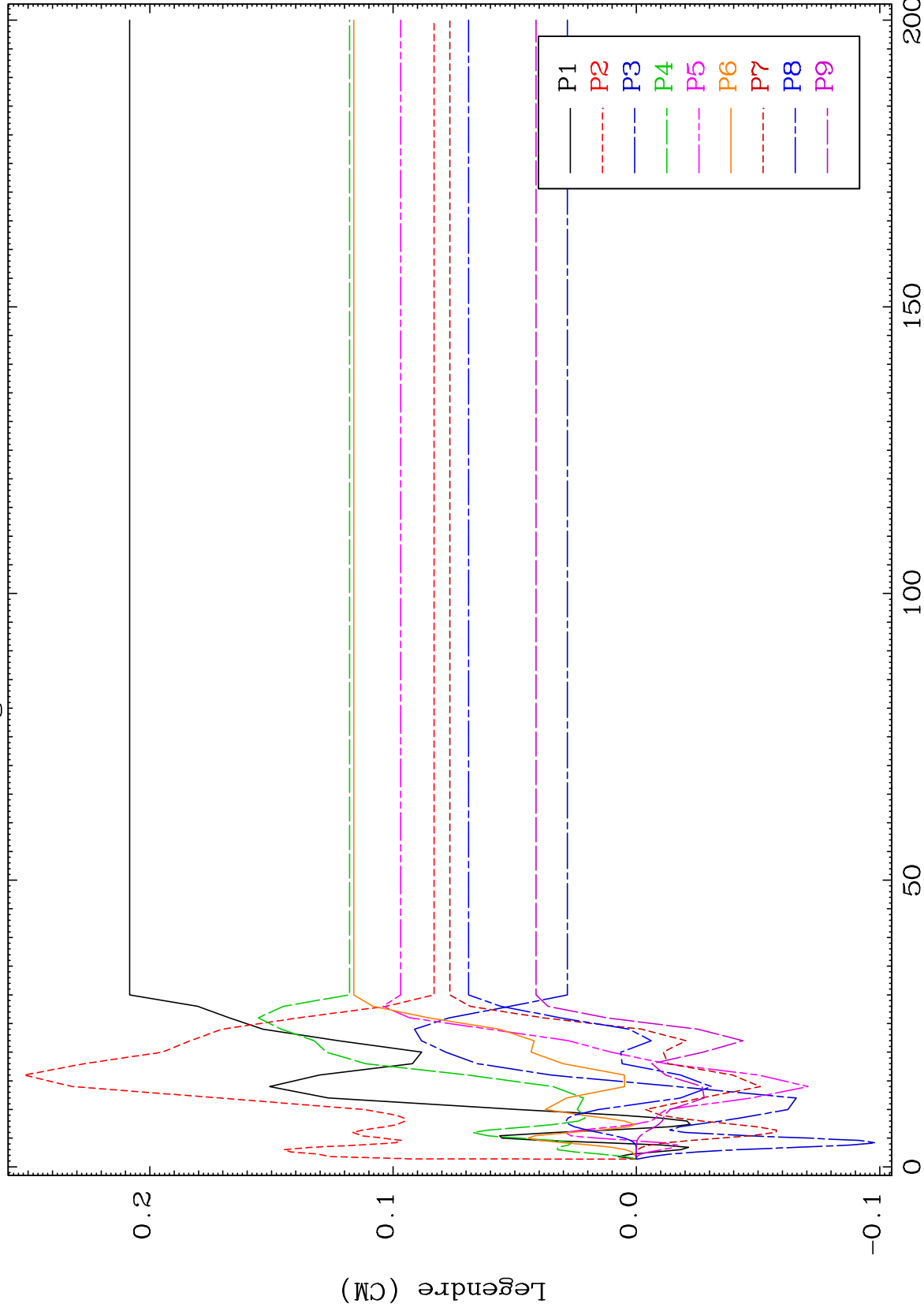
44-Ru-98



MAT 4431

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

44-Ru-98



24

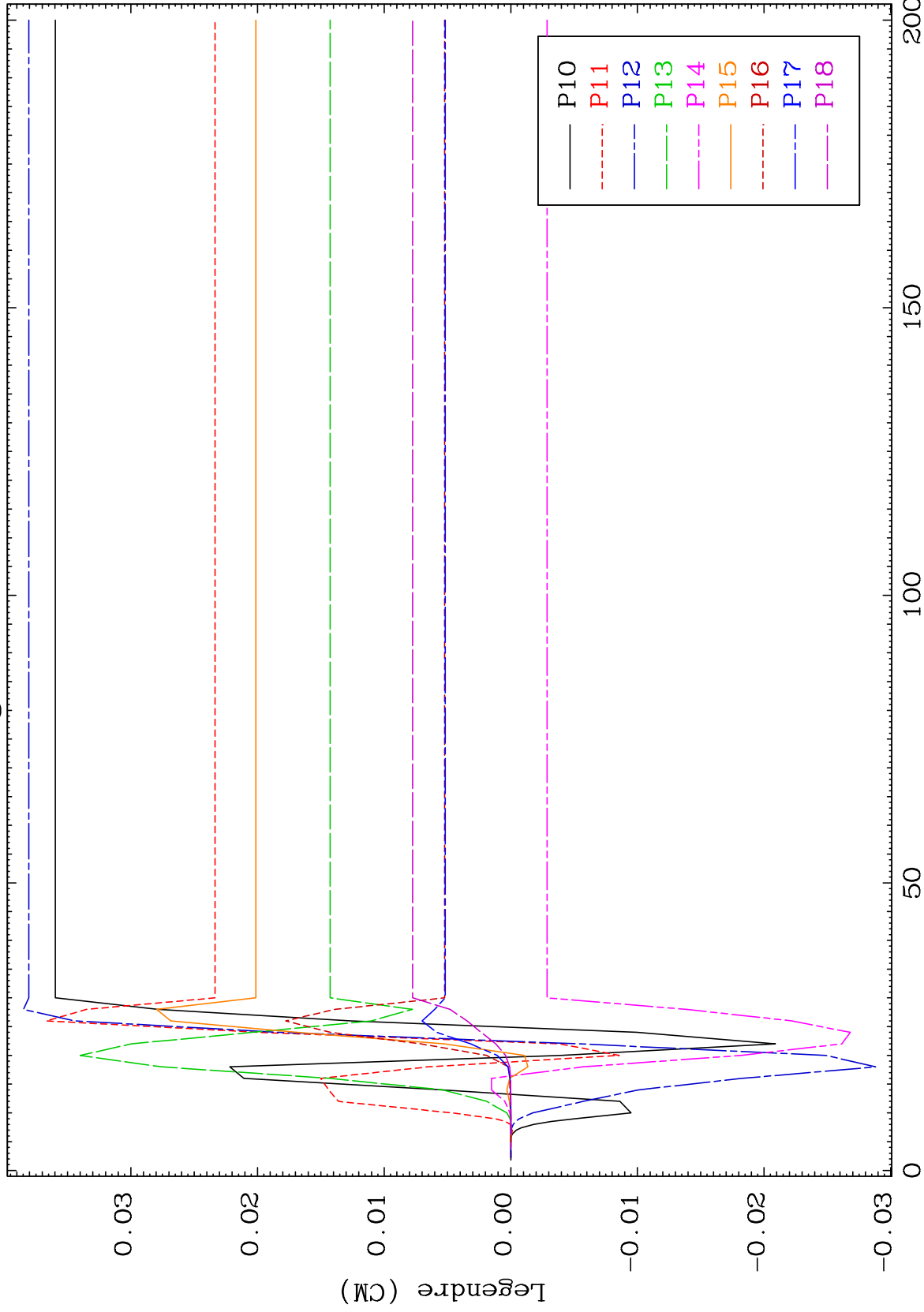
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



25

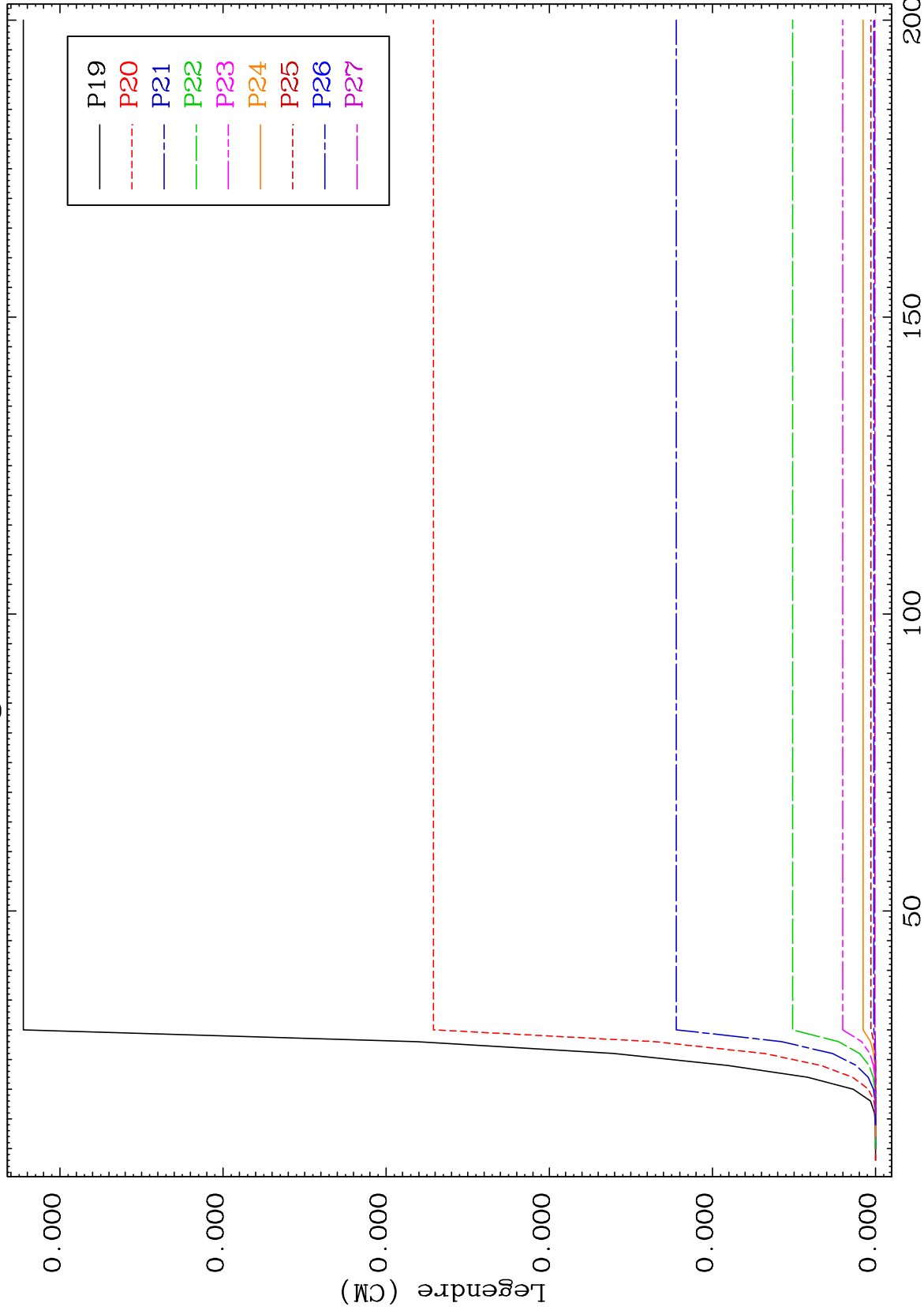
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



26

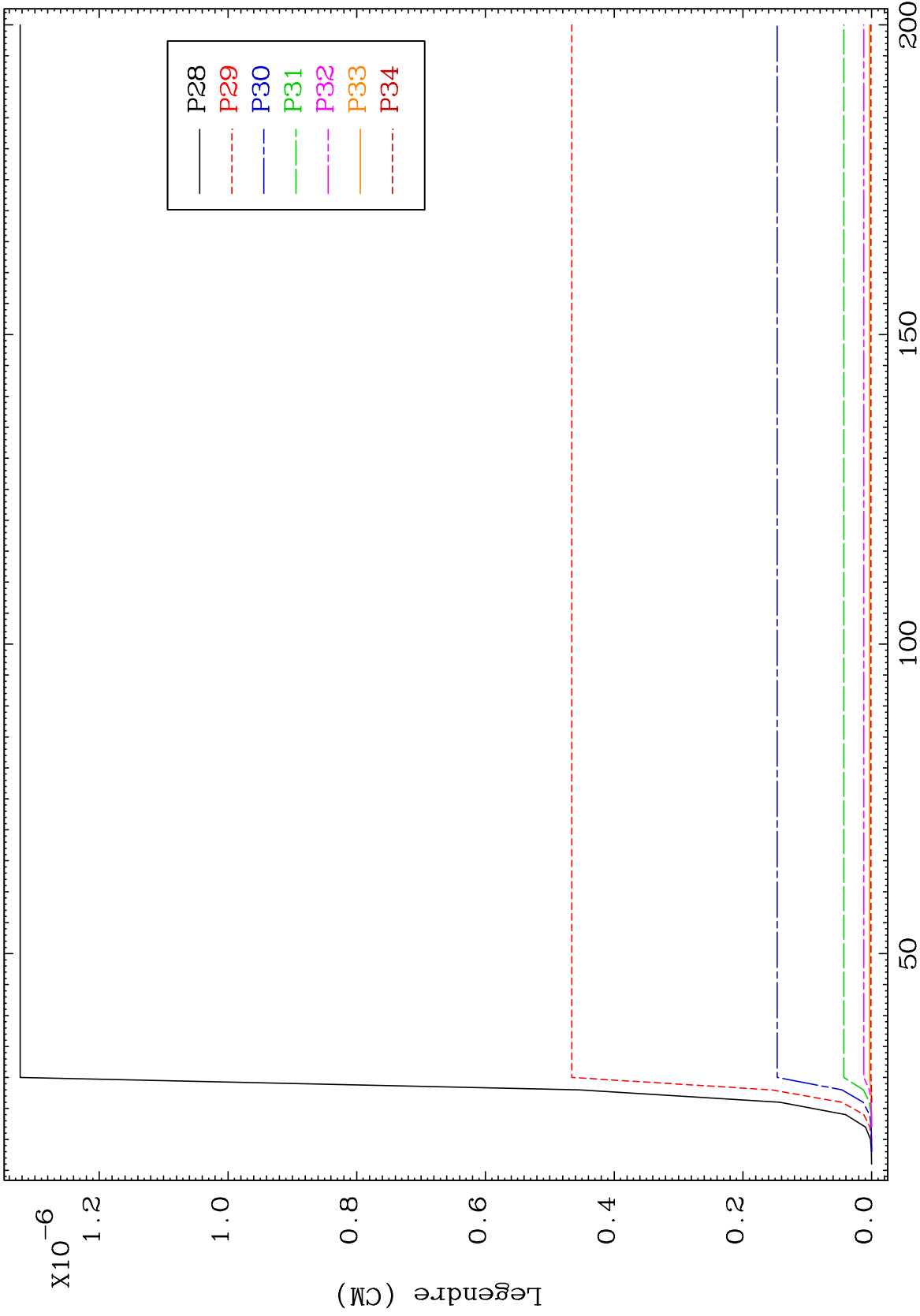
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



27

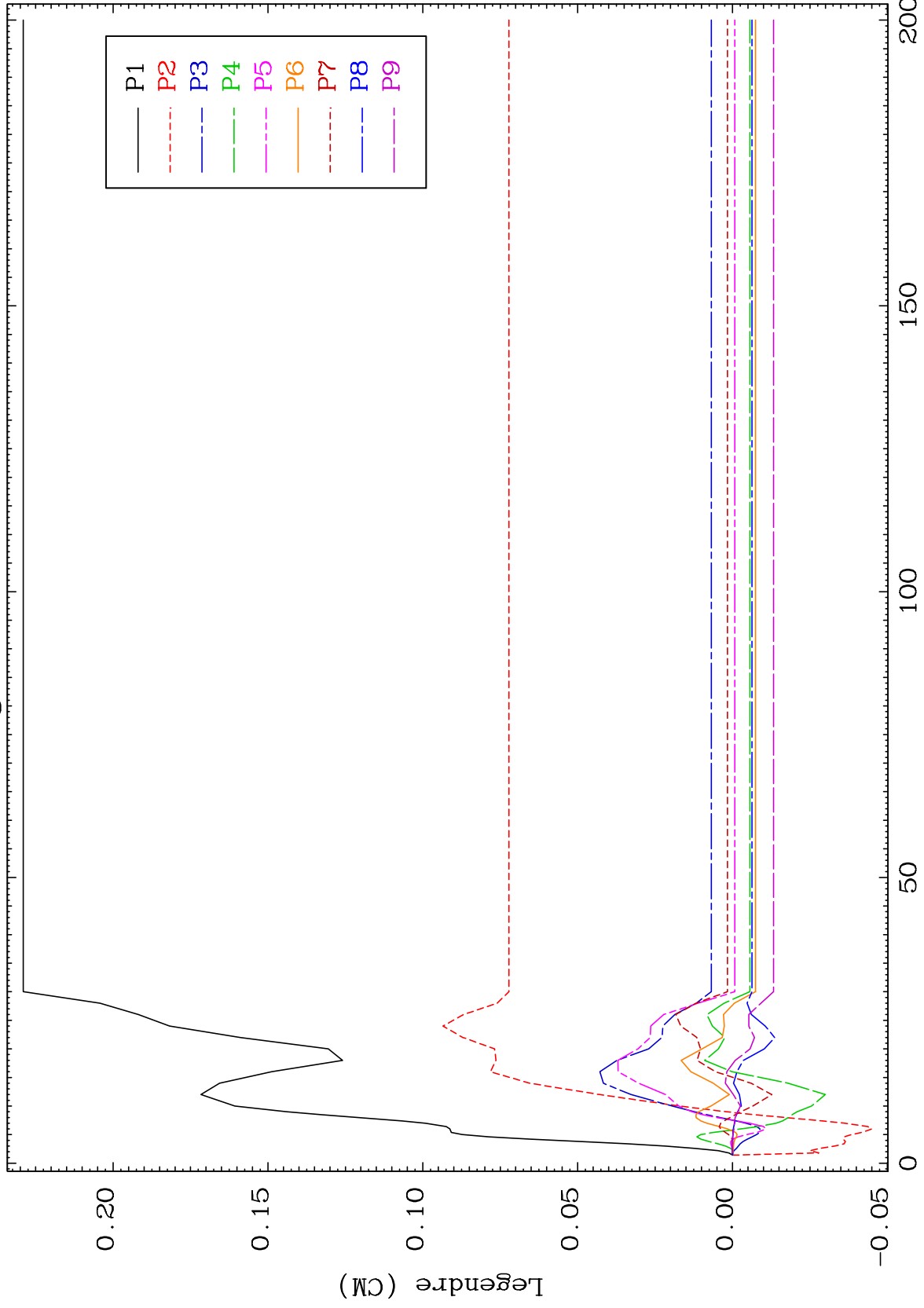
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



28

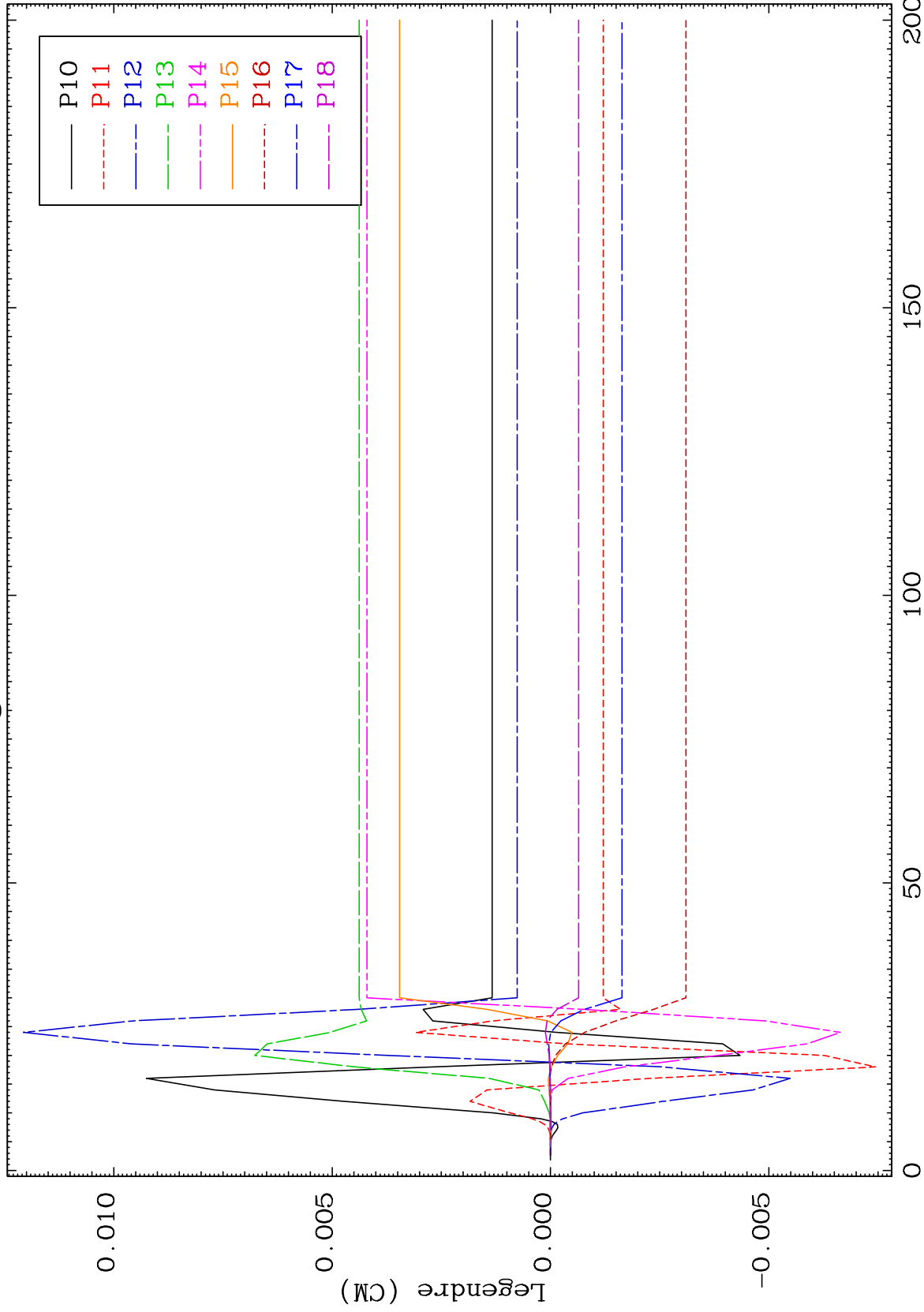
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



29

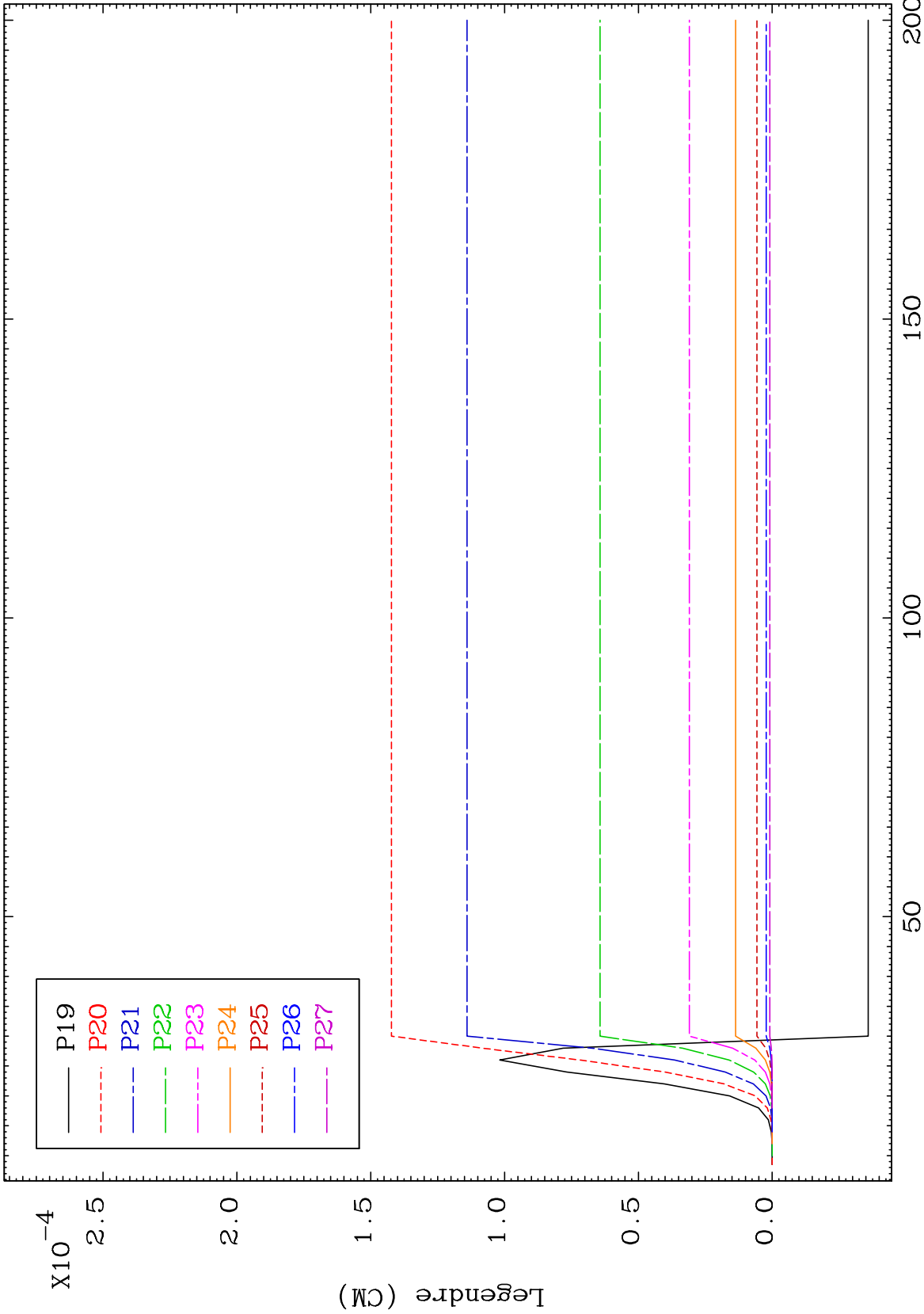
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



30

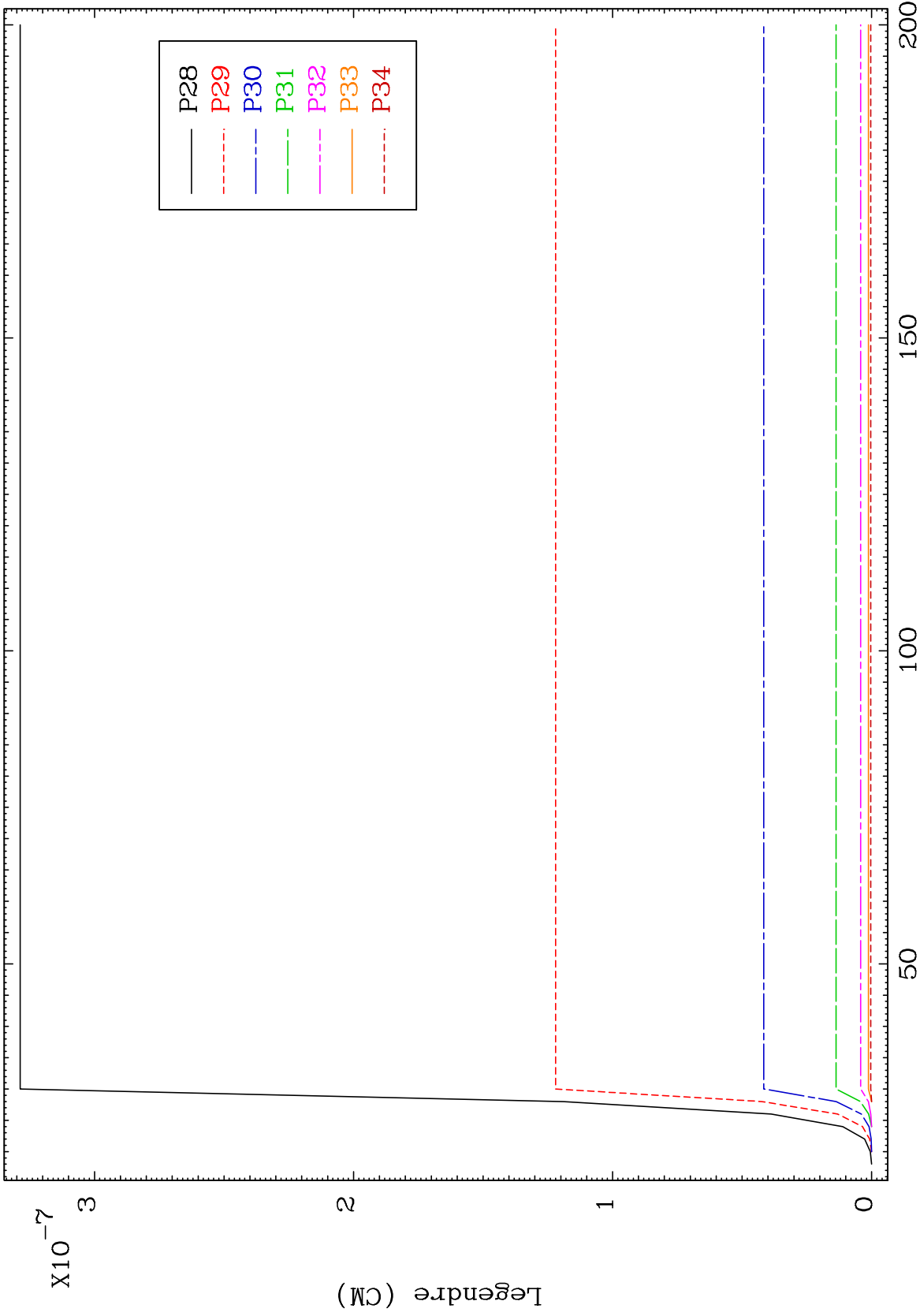
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



31

Incident Energy (MeV)

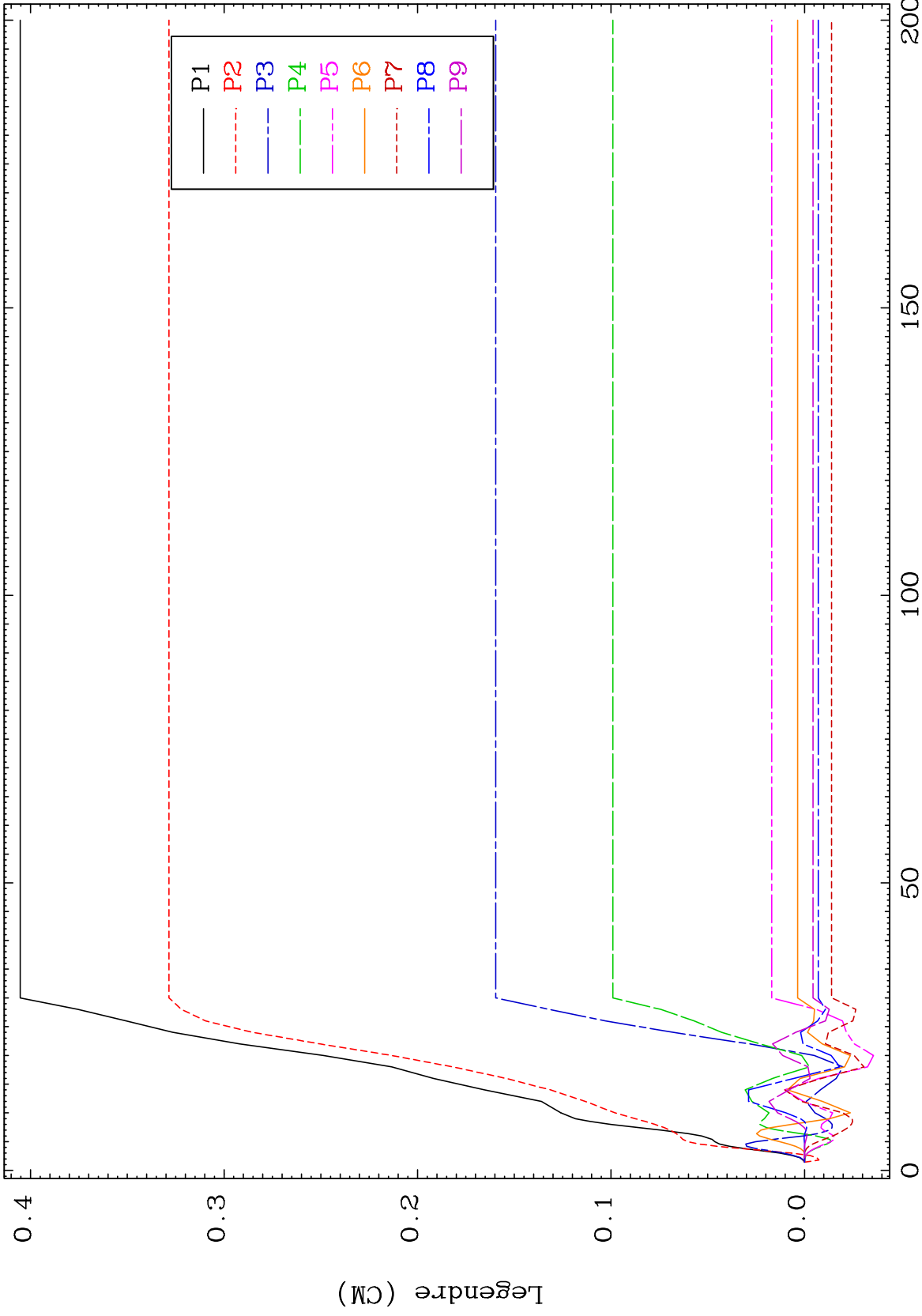
44-Ru-98



MAT 4431

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

44-Ru-98



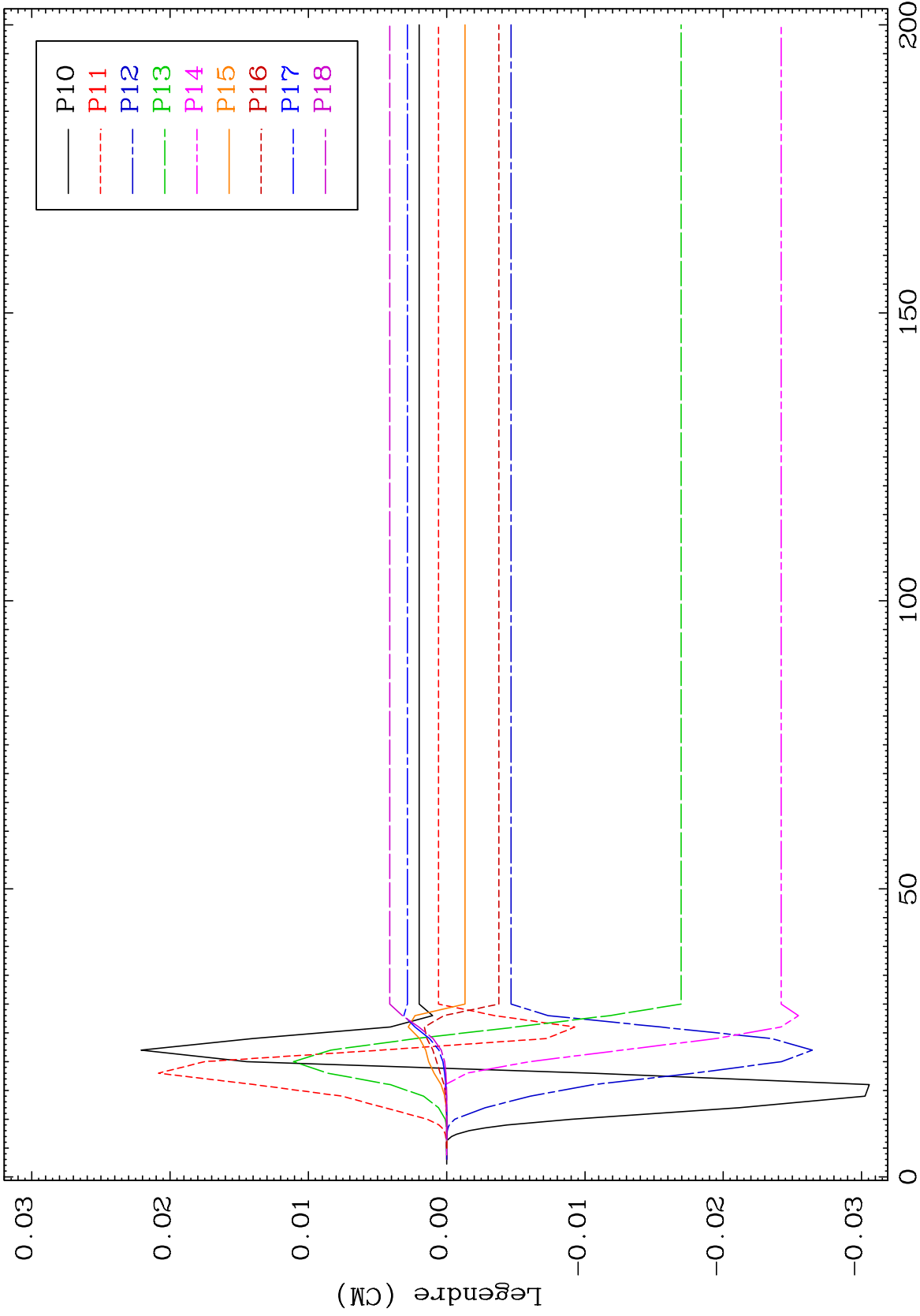
32

44-Ru-98

MAT 4431

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

44-Ru-98



33

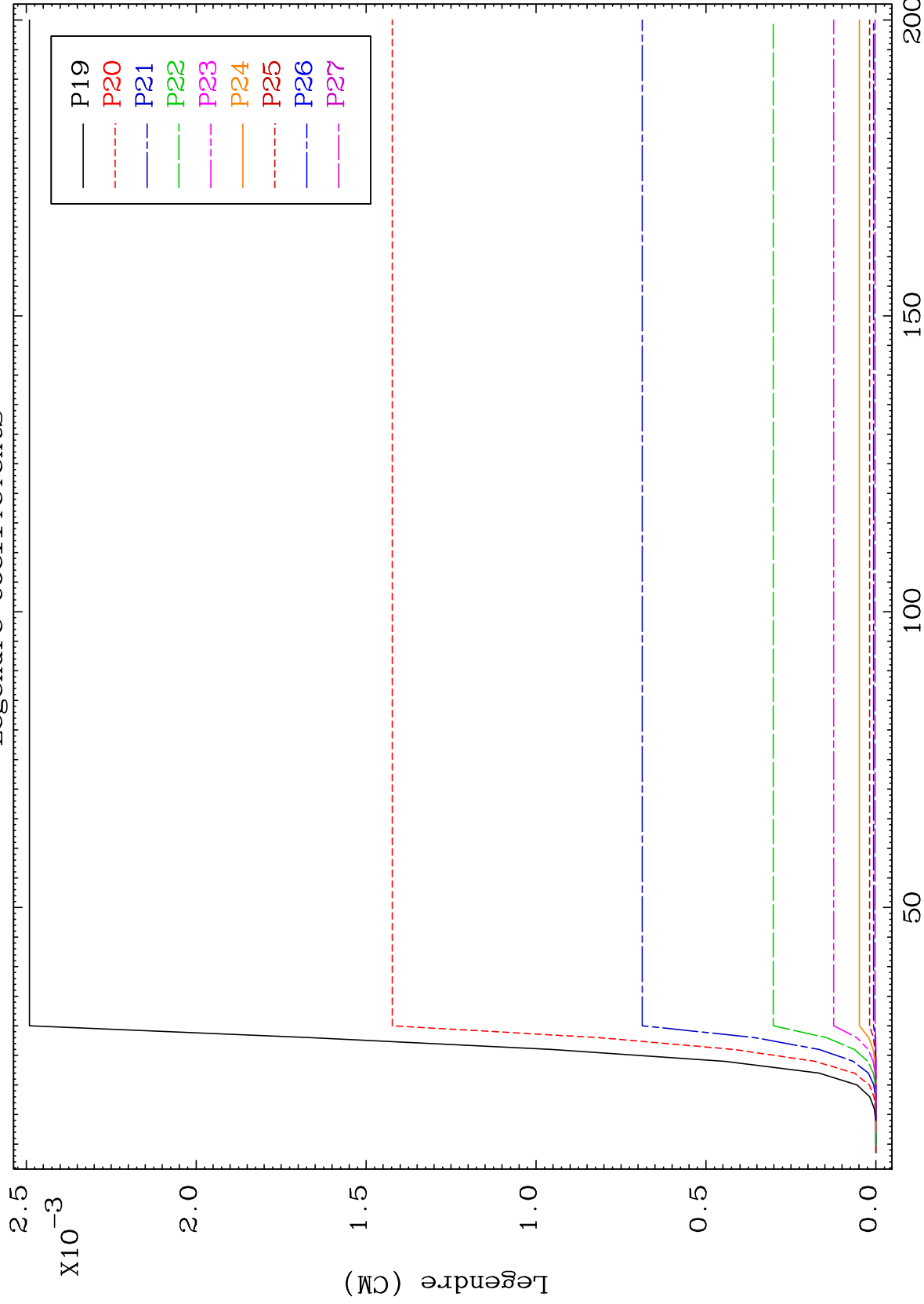
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



34

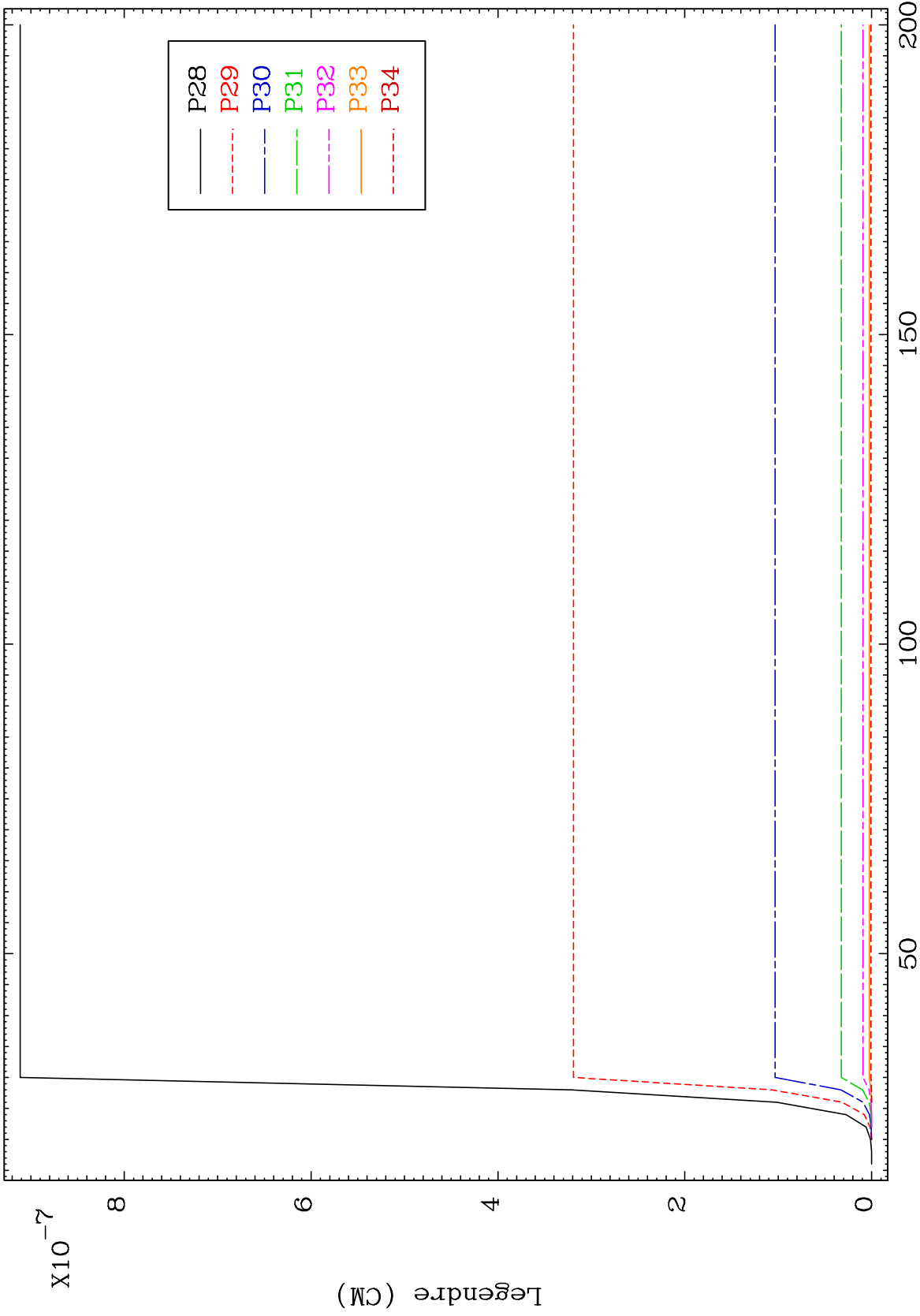
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98

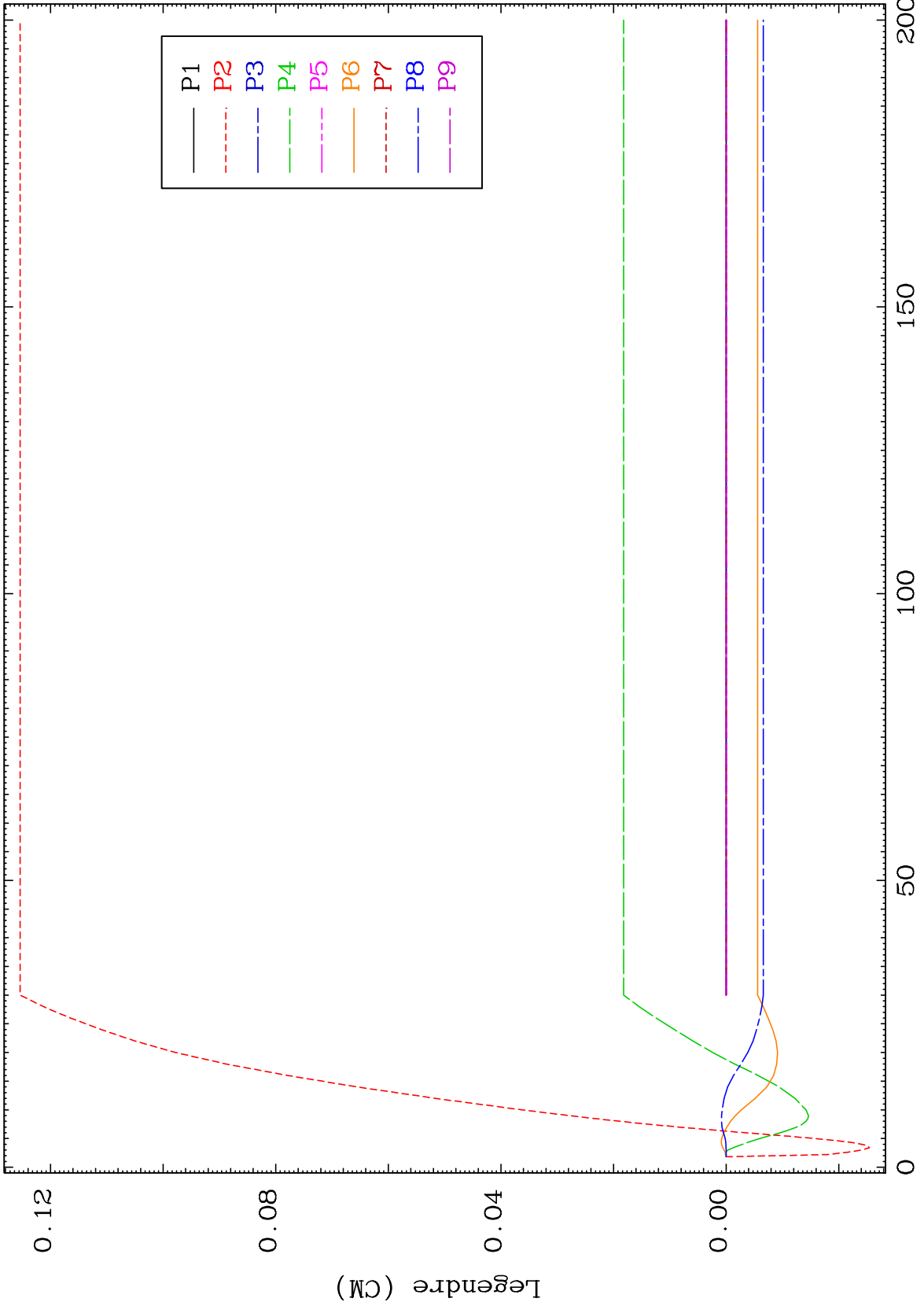


35

Incident Energy (MeV)

44-Ru-98

MAT 4431 MT= 55 (n,n') Level Legendre Coefficients 44-Ru-98

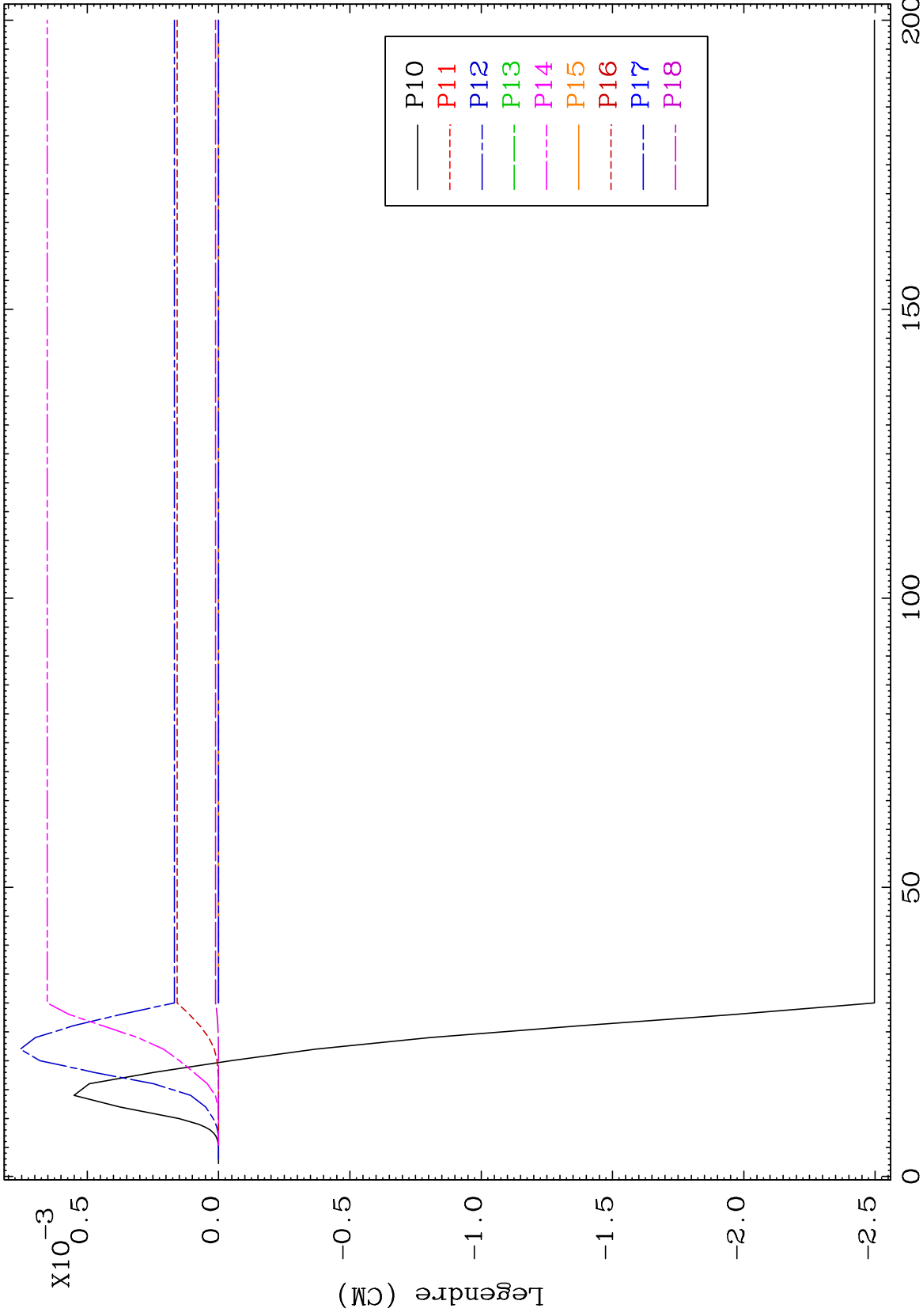


36 44-Ru-98

MAT 4431

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

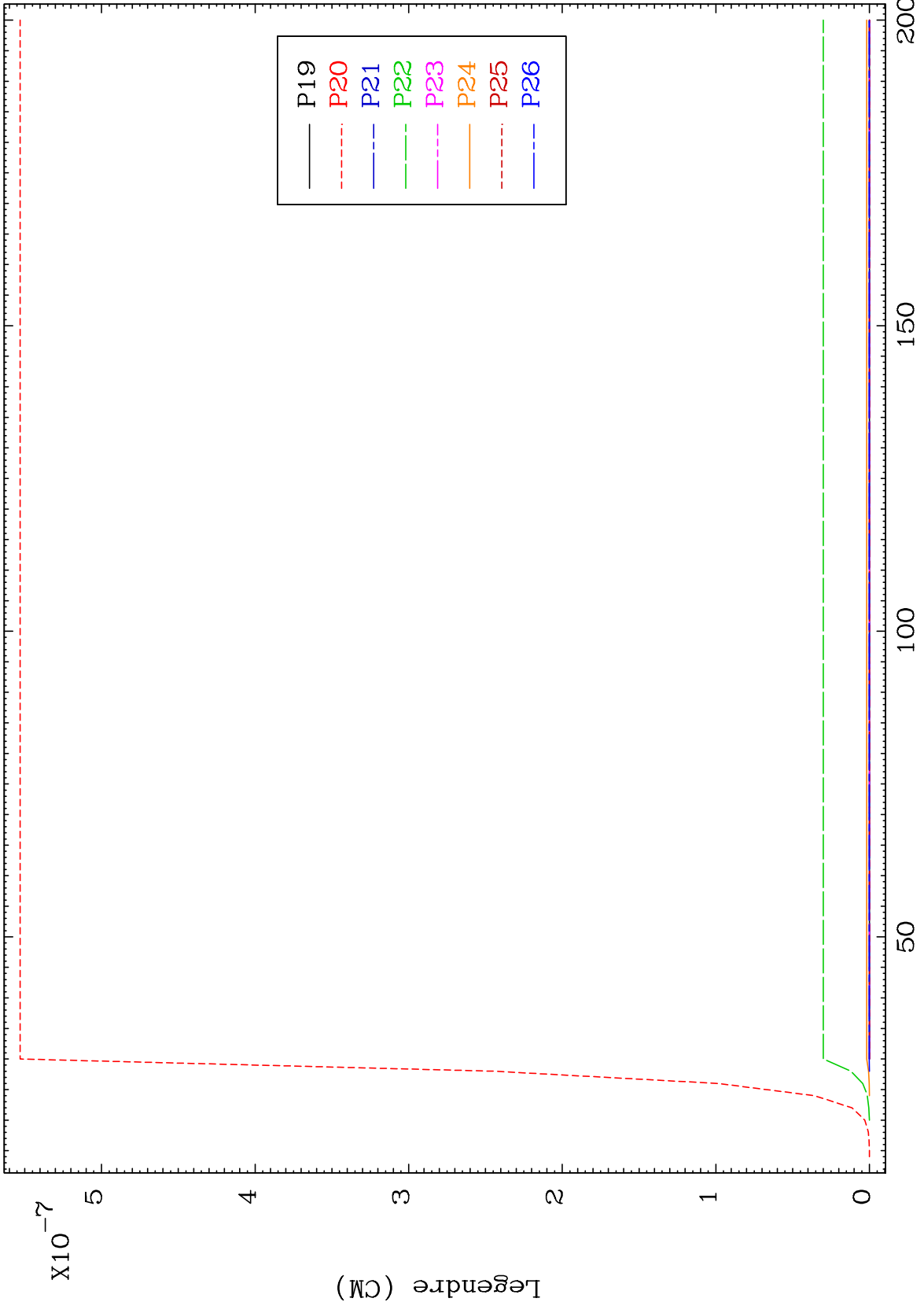
44-Ru-98



37

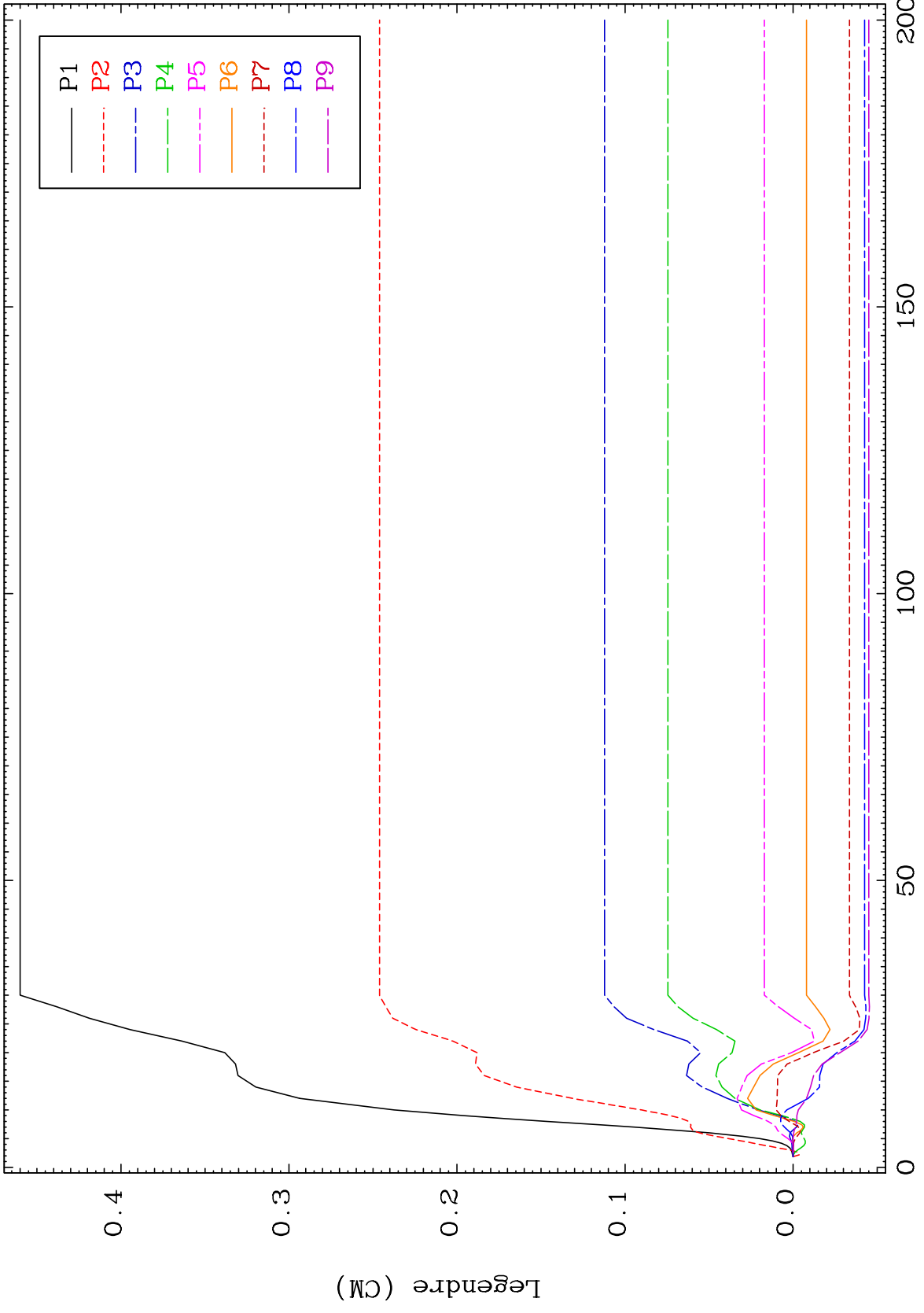
44-Ru-98

MAT 4431 MT= 55 (n,n') Level Legendre Coefficients 44-Ru-98



38 44-Ru-98

MAT 4431 MT= 56 (n,n') Level Legendre Coefficients 44-Ru-98



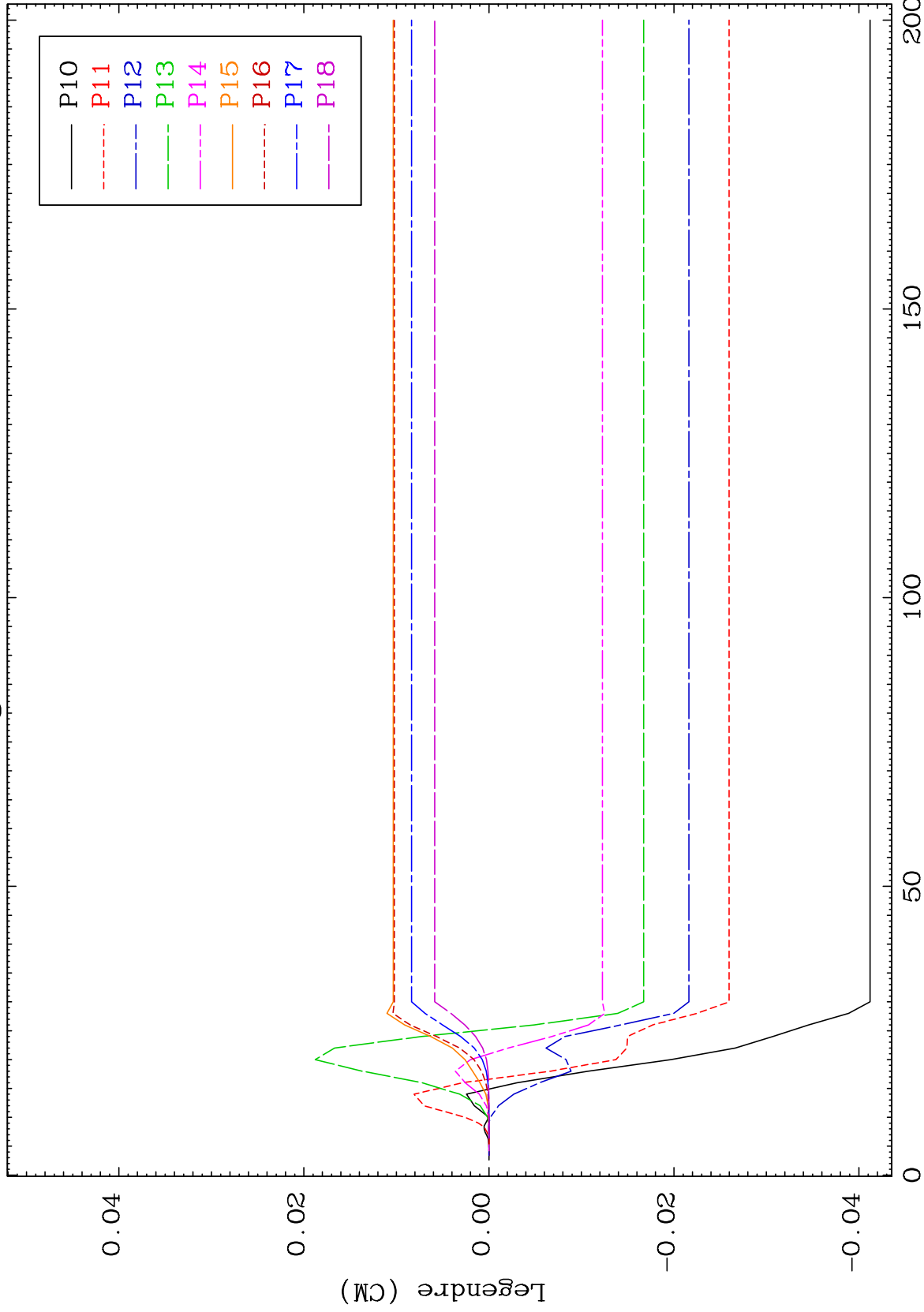
39 44-Ru-98



MAT 4431

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

44-Ru-98



40

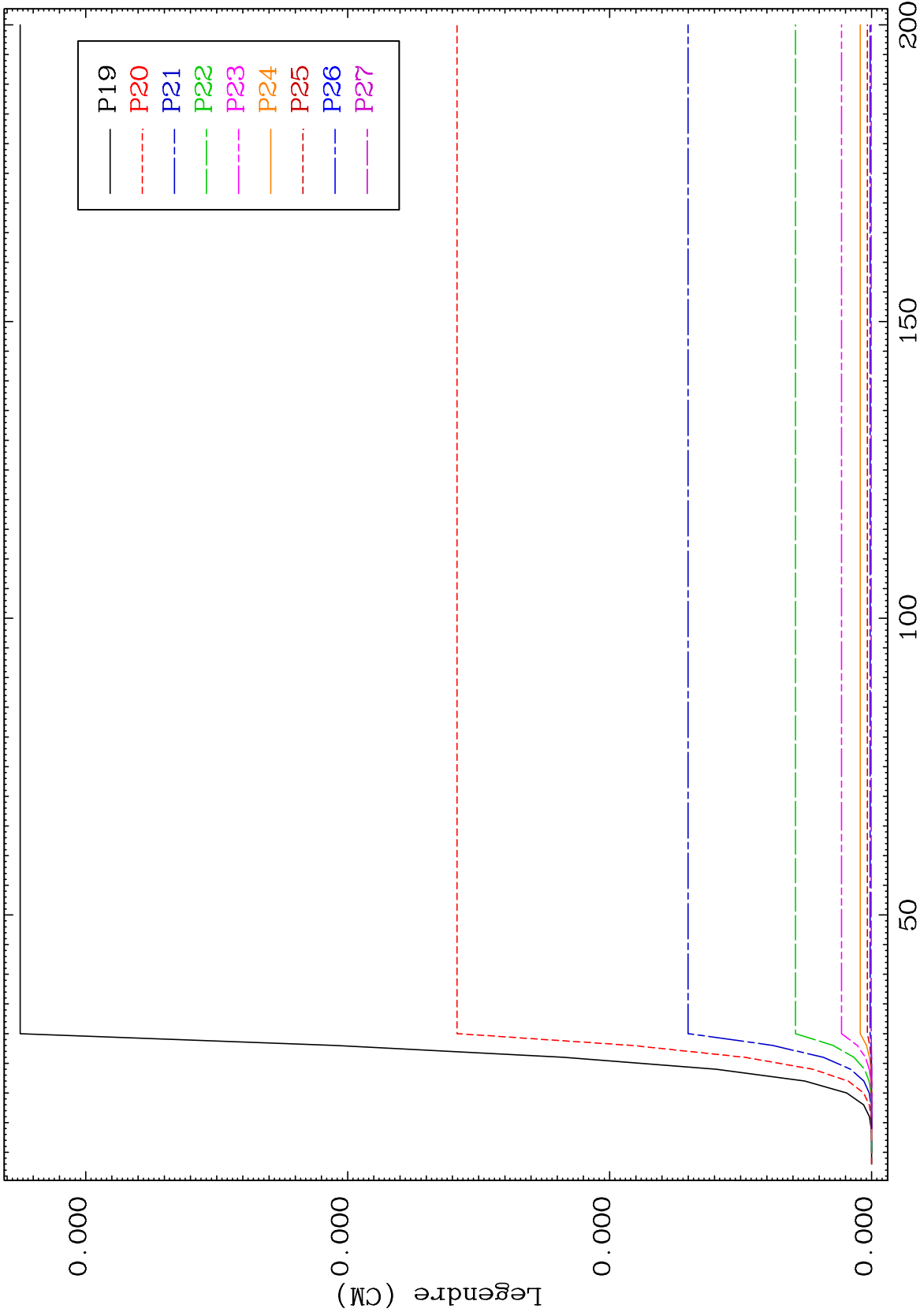
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



41

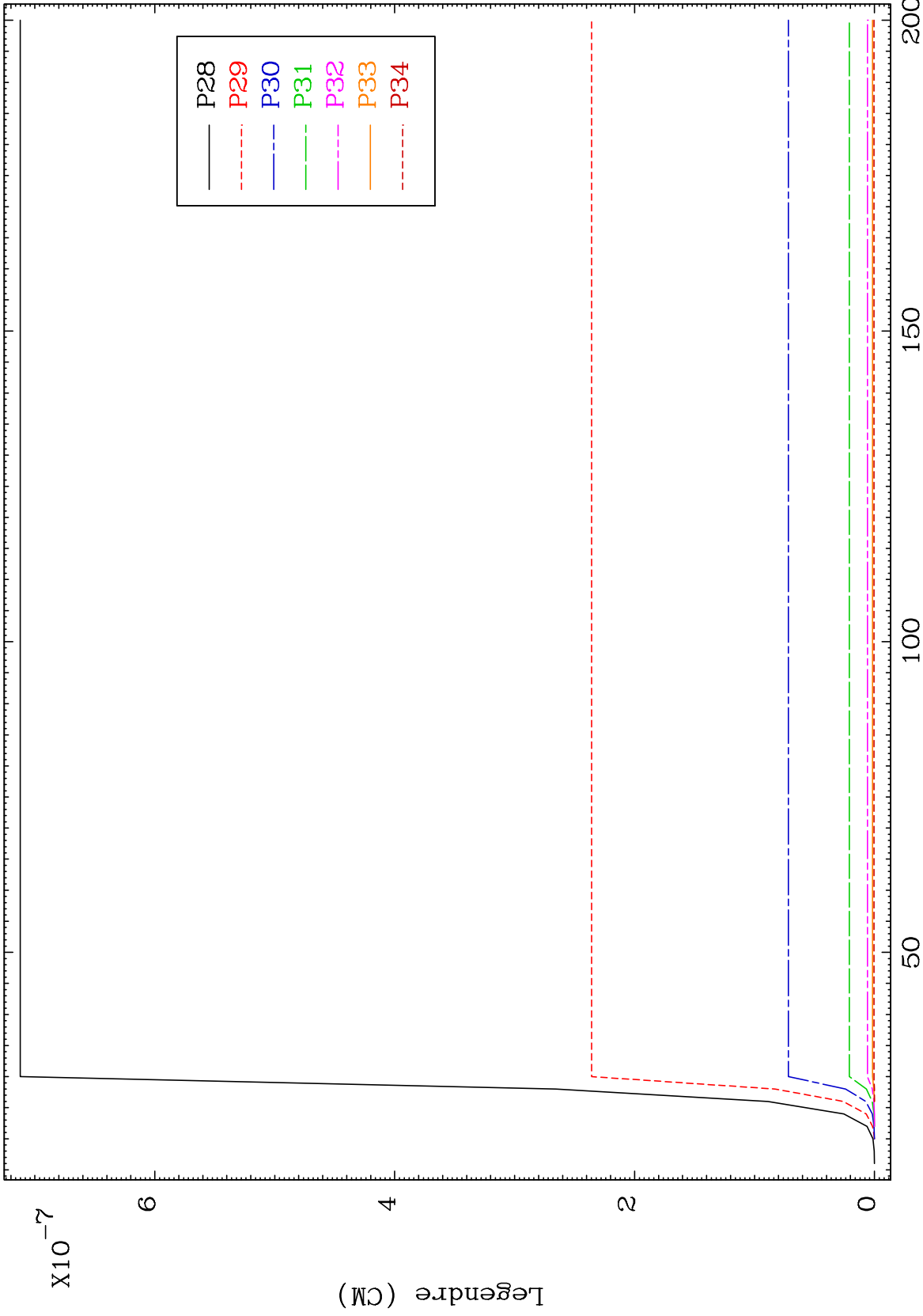
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98

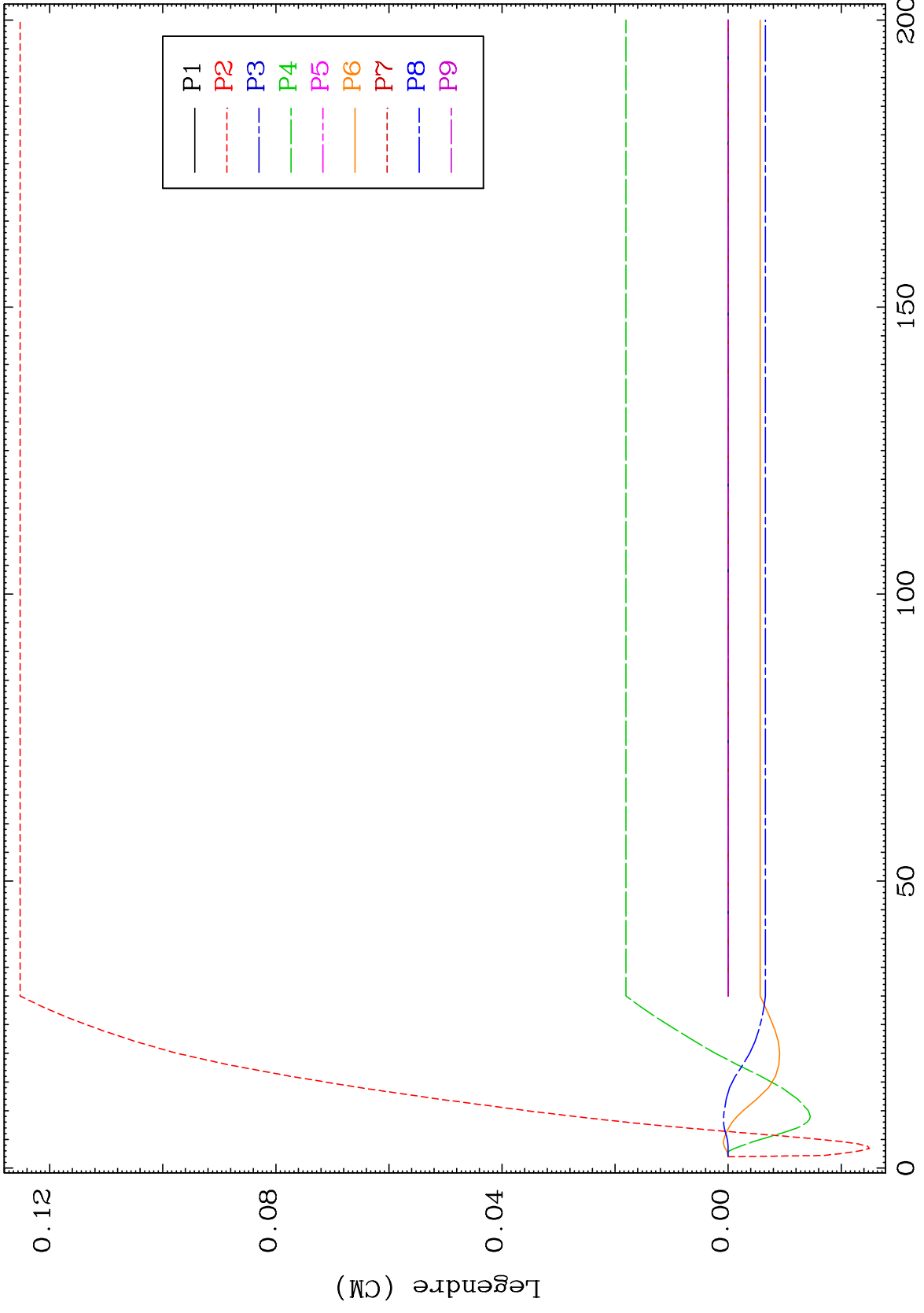


42

Incident Energy (MeV)

44-Ru-98

MAT 4431 MT= 57 (n,n') Level Legendre Coefficients 44-Ru-98

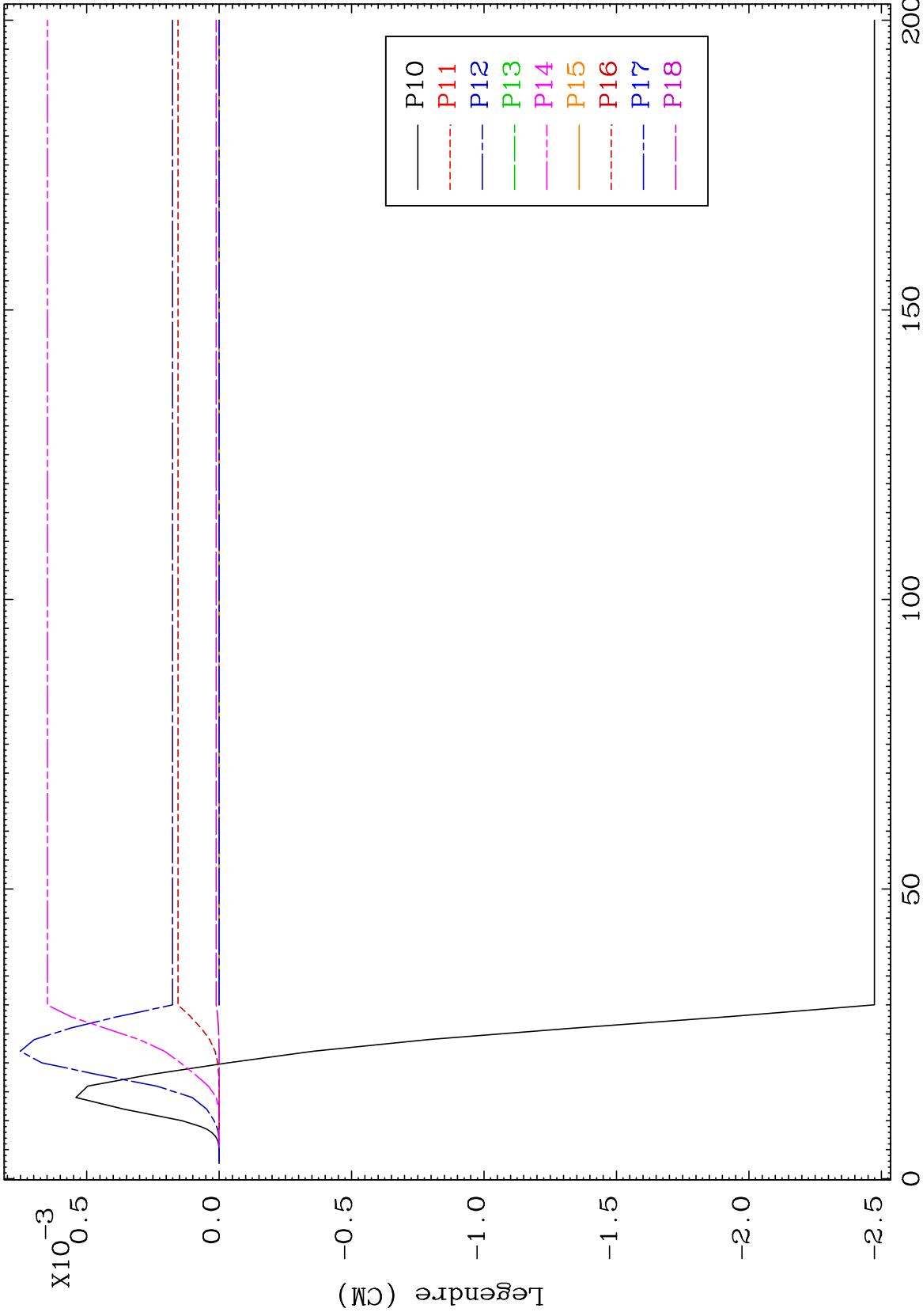


43 Incident Energy (MeV) 44-Ru-98

MAT 4431

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

44-Ru-98

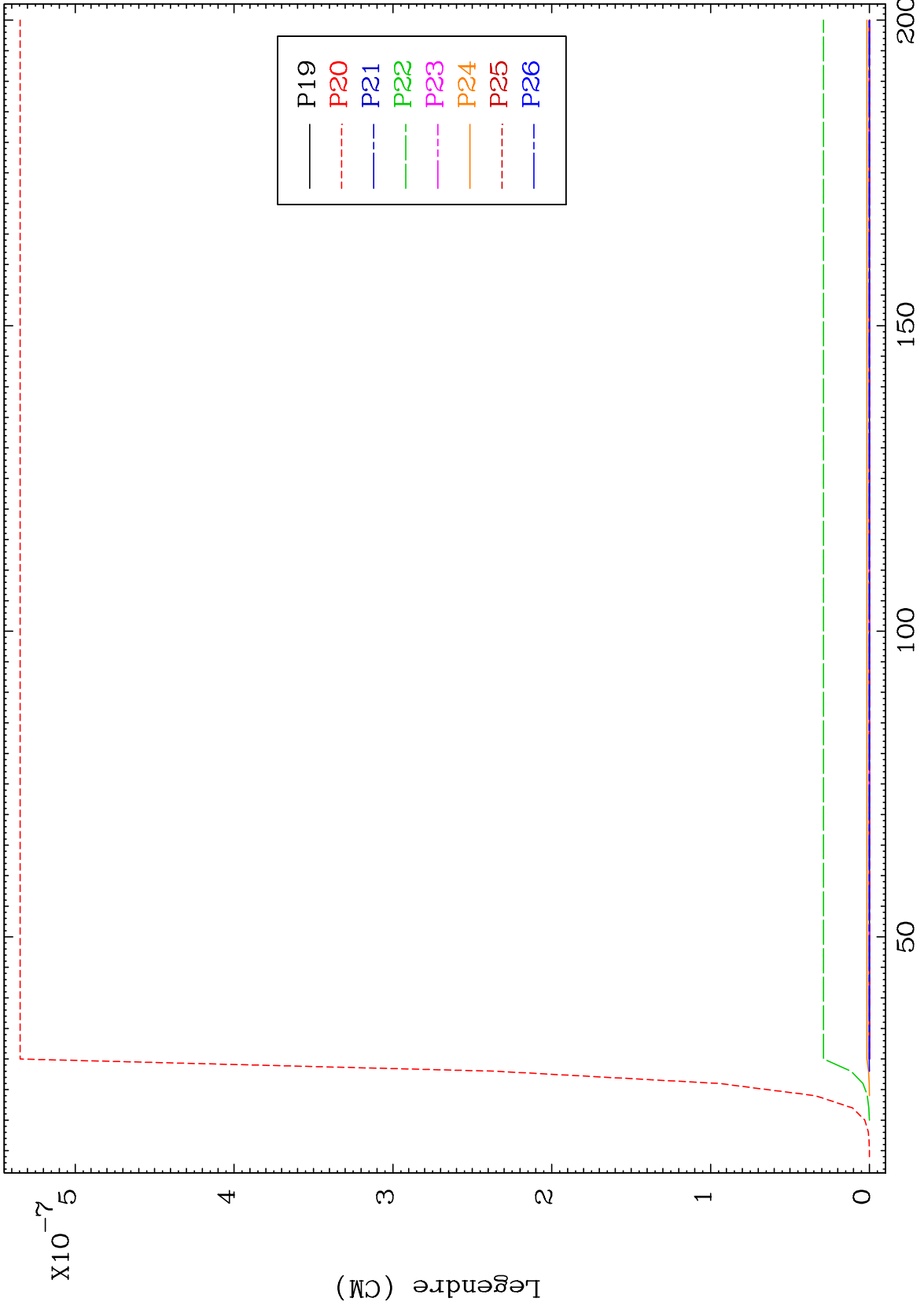


44

Incident Energy (MeV)

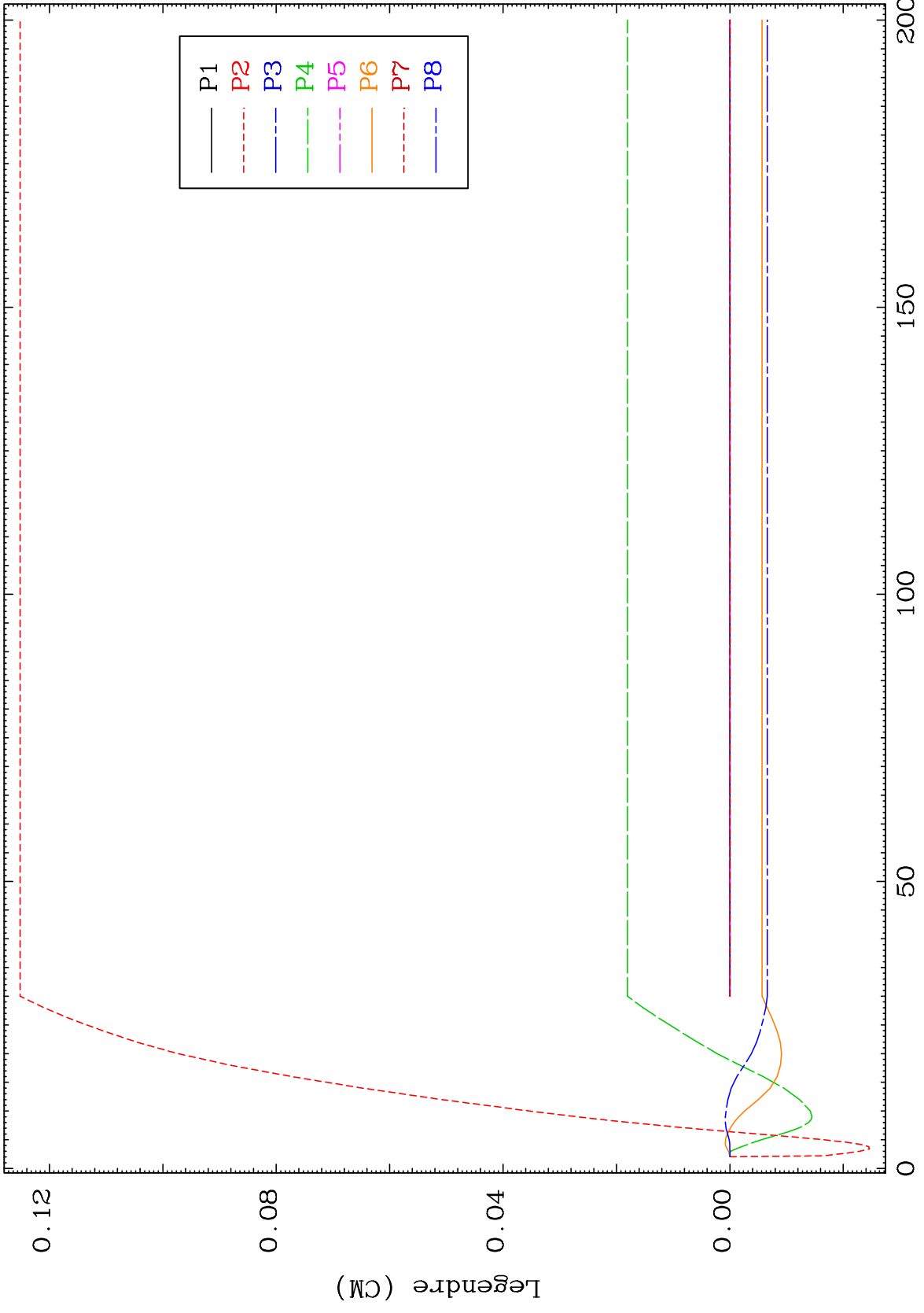
44-Ru-98

MAT 4431 MT= 57 (n,n') Level Legendre Coefficients 44-Ru-98



44-Ru-98

MAT 4431 MT= 58 (n,n') Level Legendre Coefficients 44-Ru-98

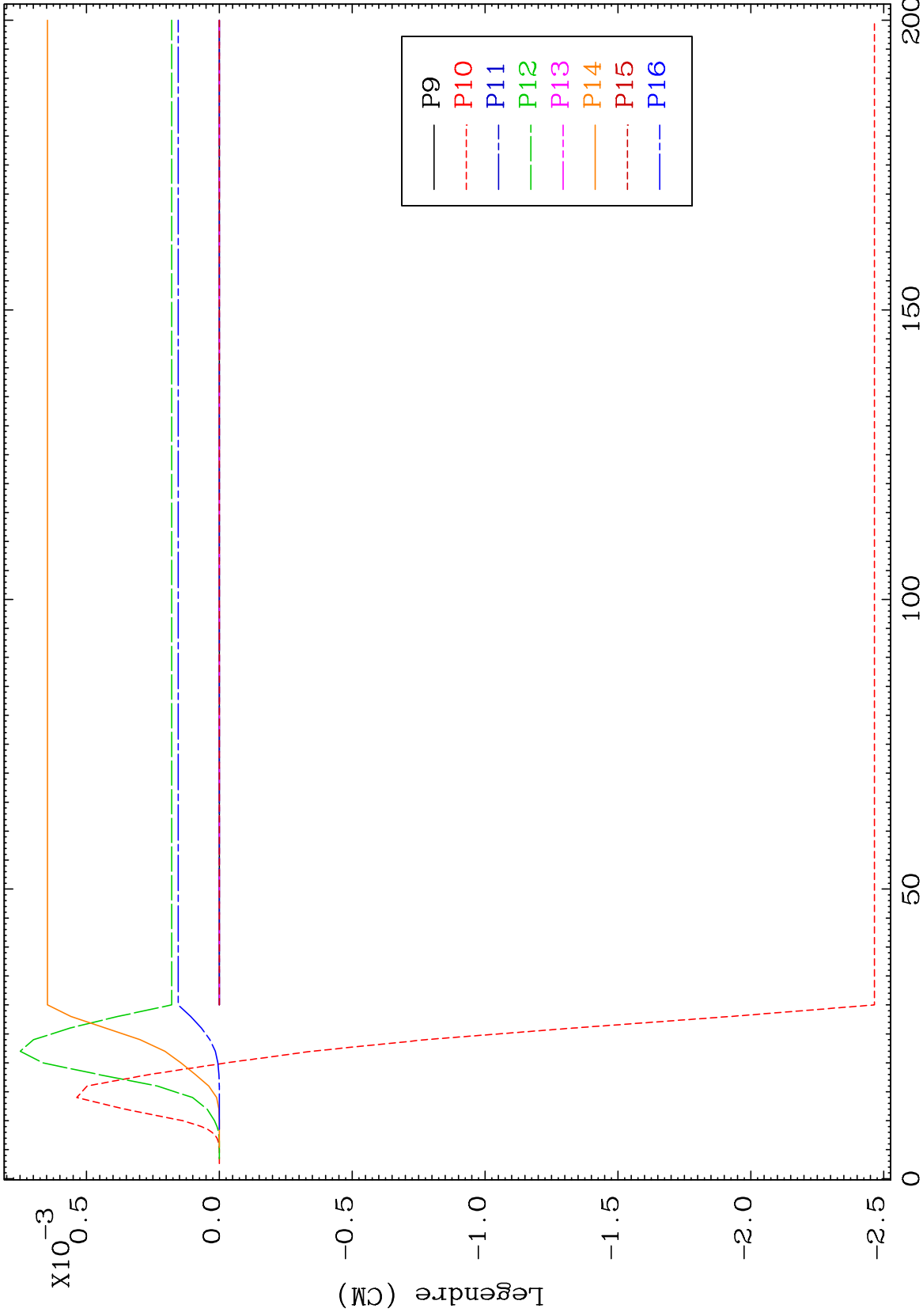


46 44-Ru-98

MAT 4431

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

44-Ru-98



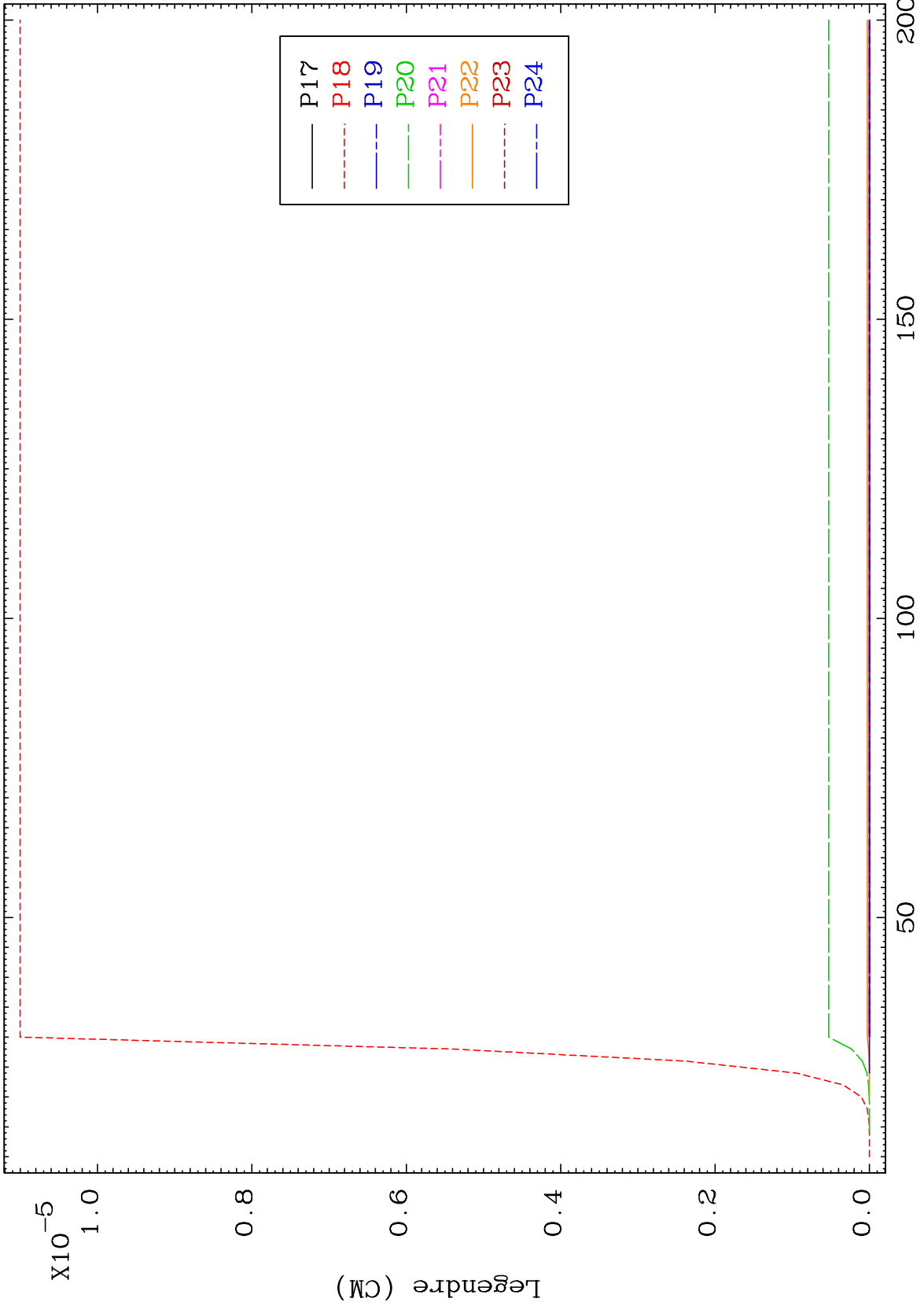
47

Incident Energy (MeV)

44-Ru-98



MAT 4431 MT= 58 (n,n') Level Legendre Coefficients 44-Ru-98

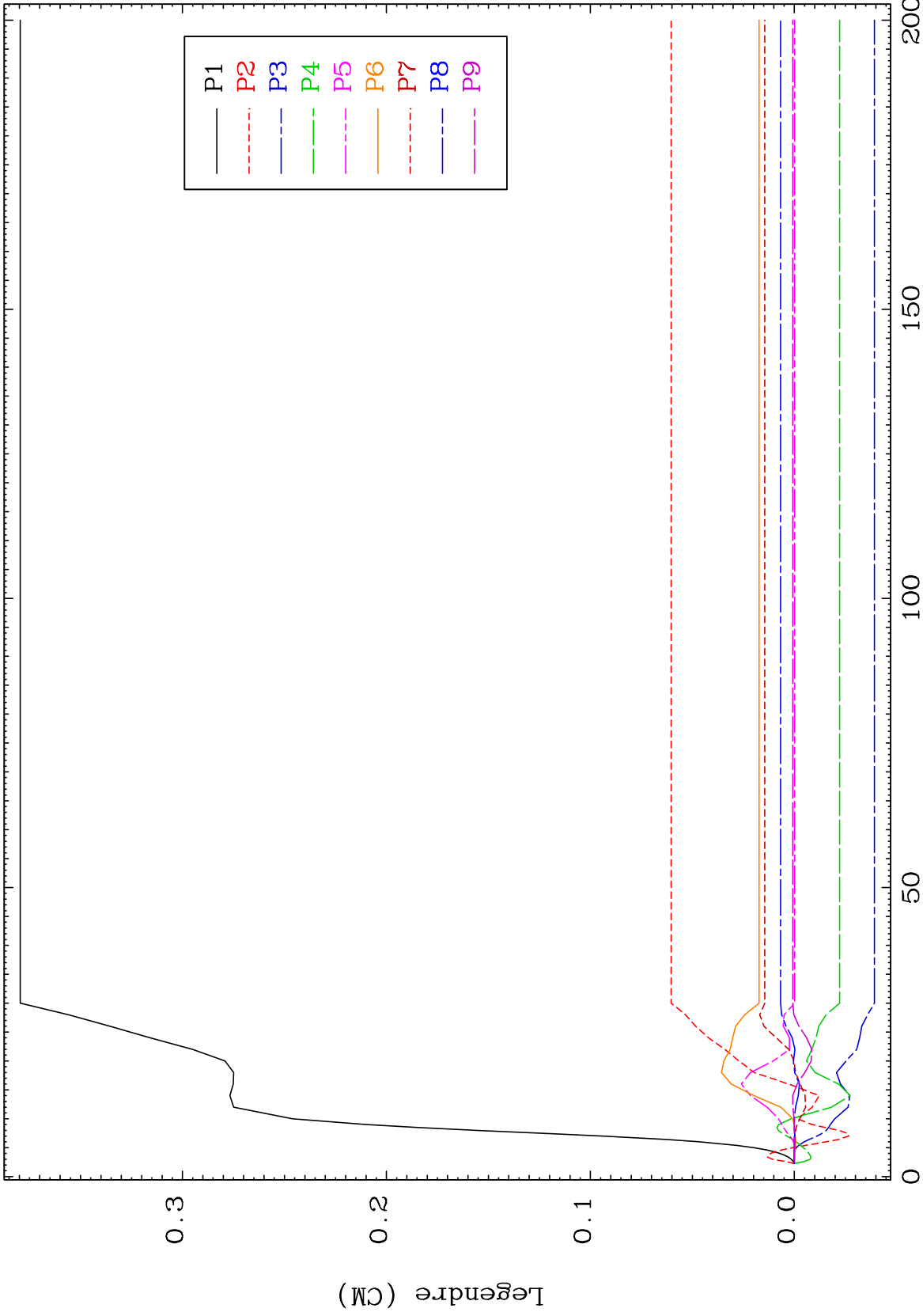


48 Incident Energy (MeV) 44-Ru-98

MAT 4431

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

44-Ru-98



49

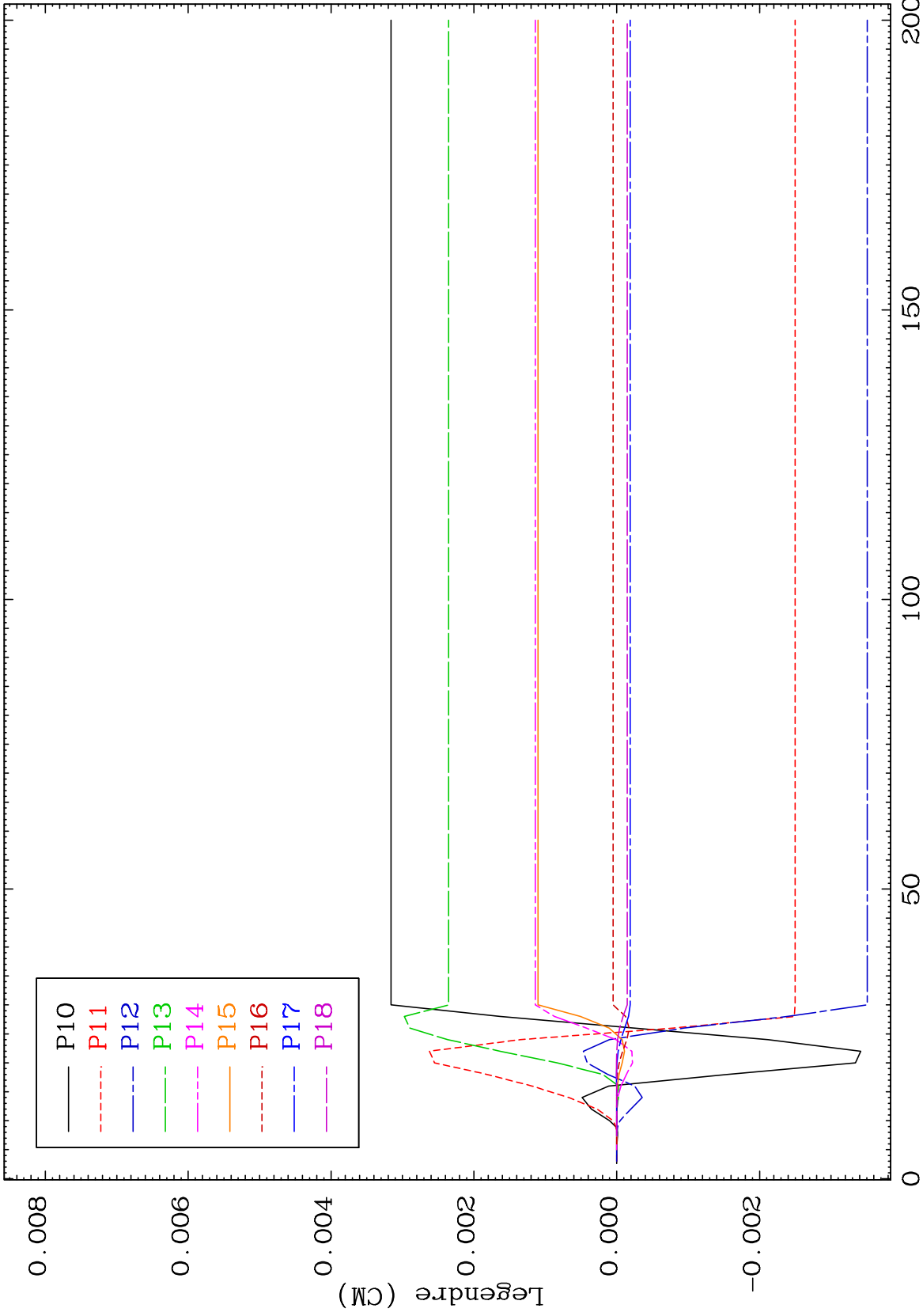
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



50

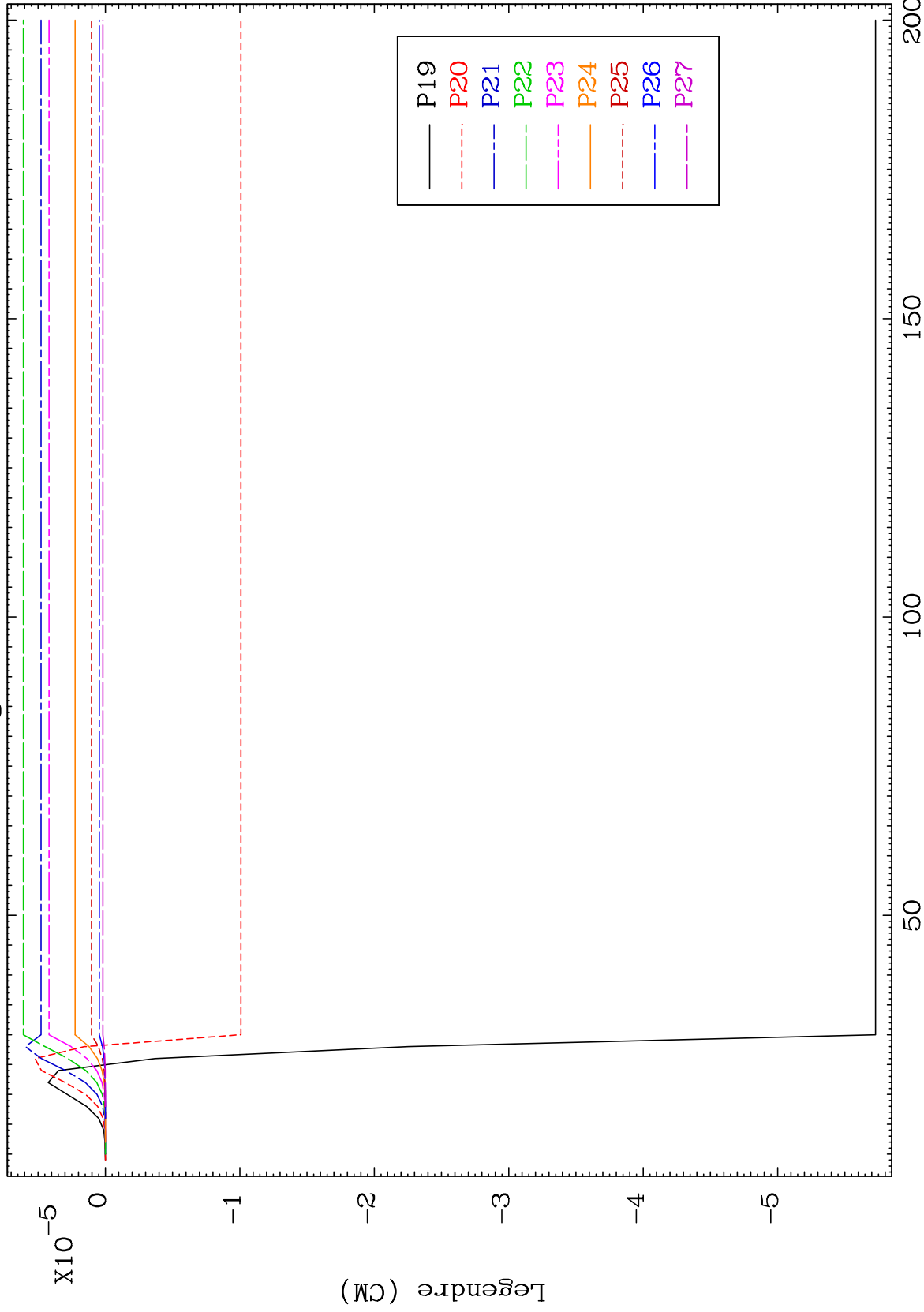
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



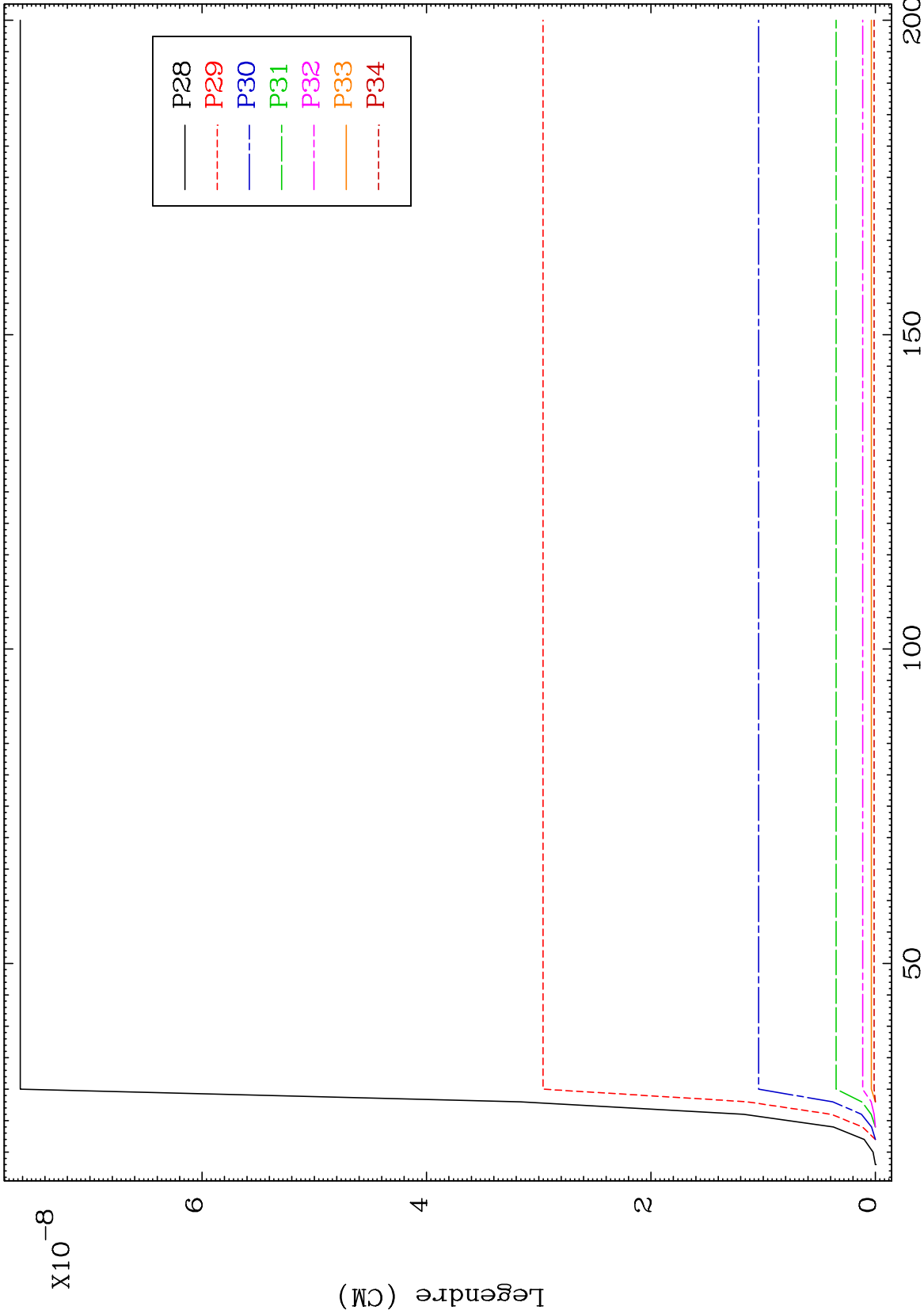
51

44-Ru-98

MAT 4431

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

44-Ru-98

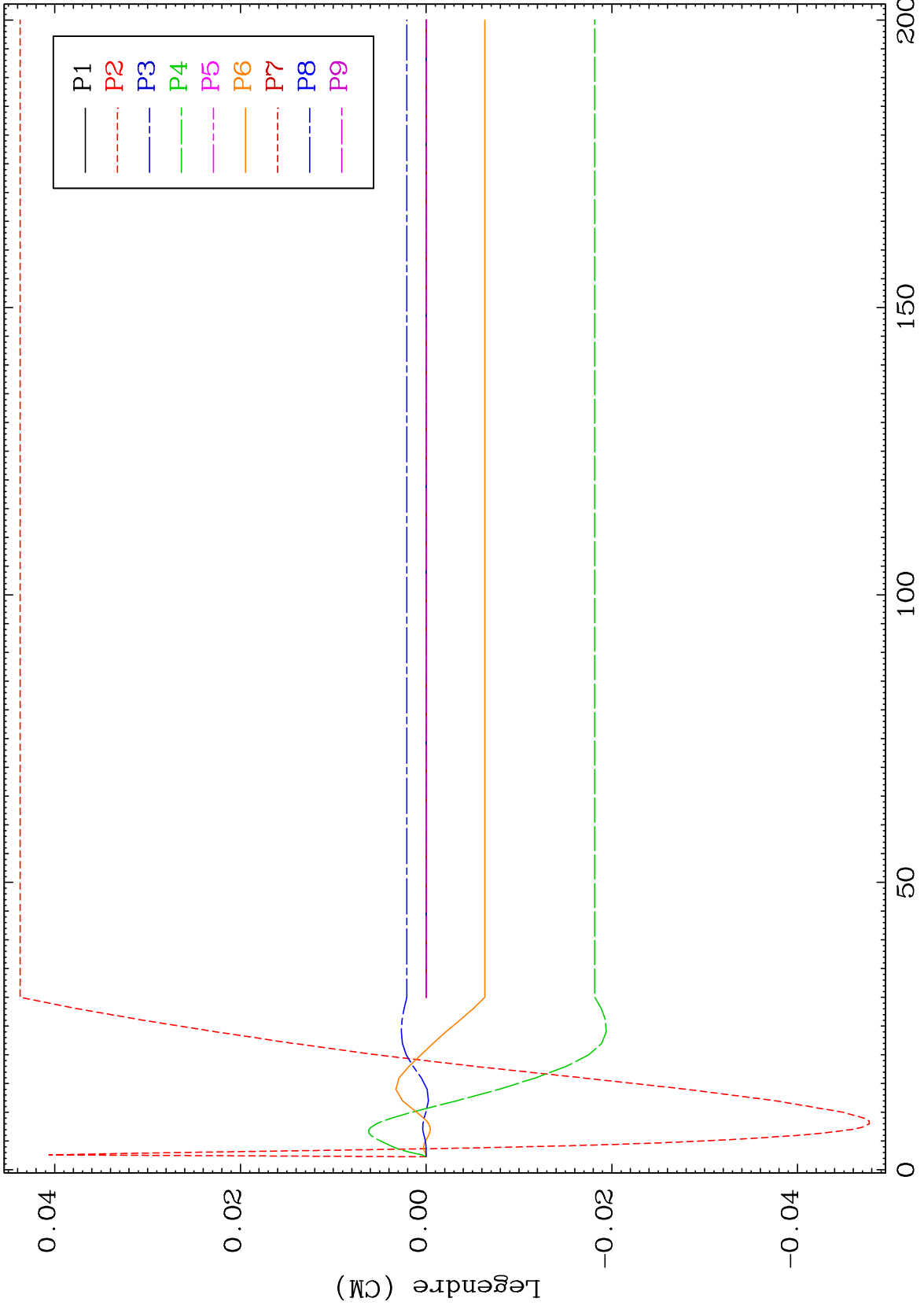


52

Incident Energy (MeV)

44-Ru-98

MAT 4431 MT= 60 (n,n') Level Legendre Coefficients 44-Ru-98

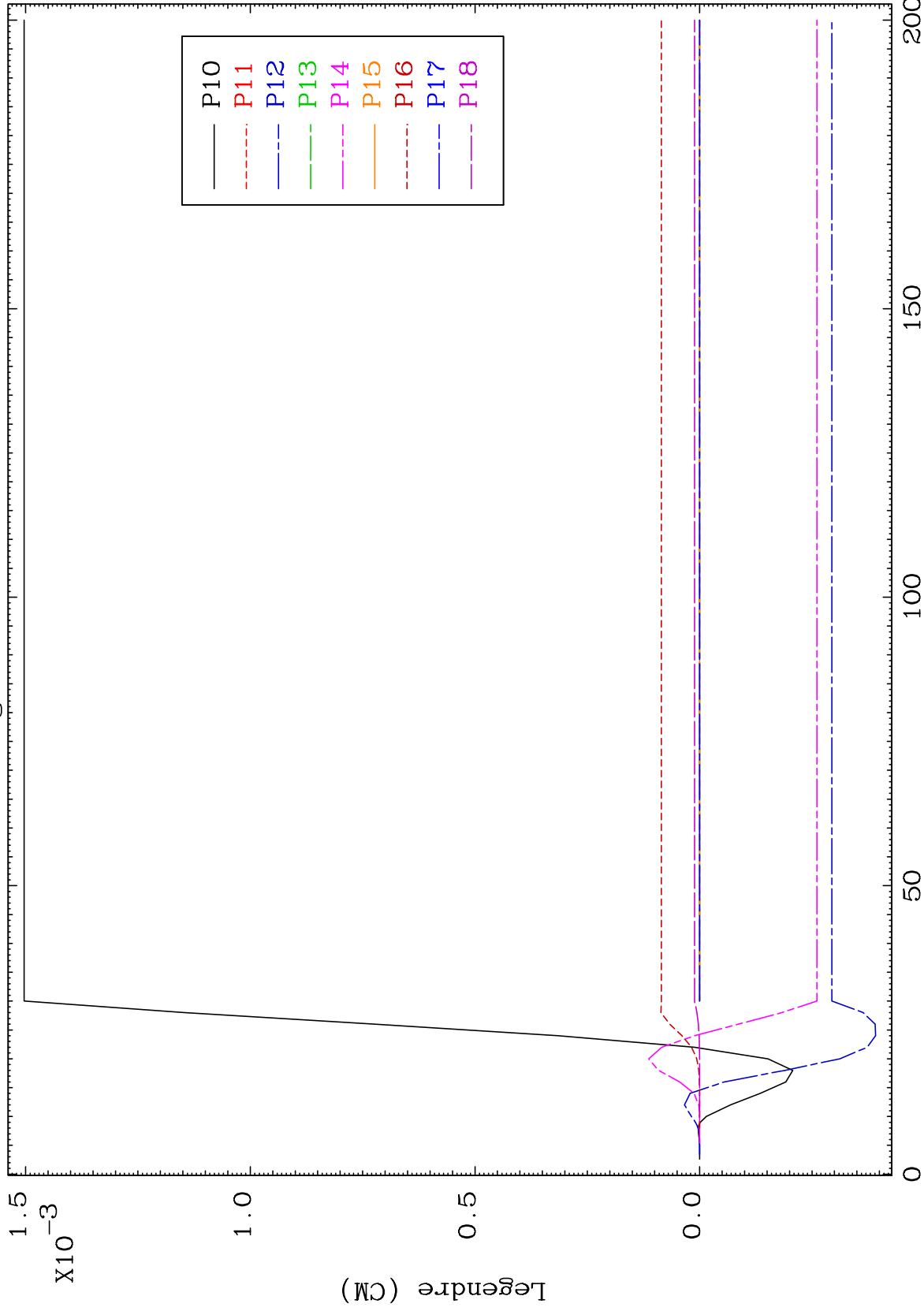


53 44-Ru-98

MAT 4431

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

44-Ru-98

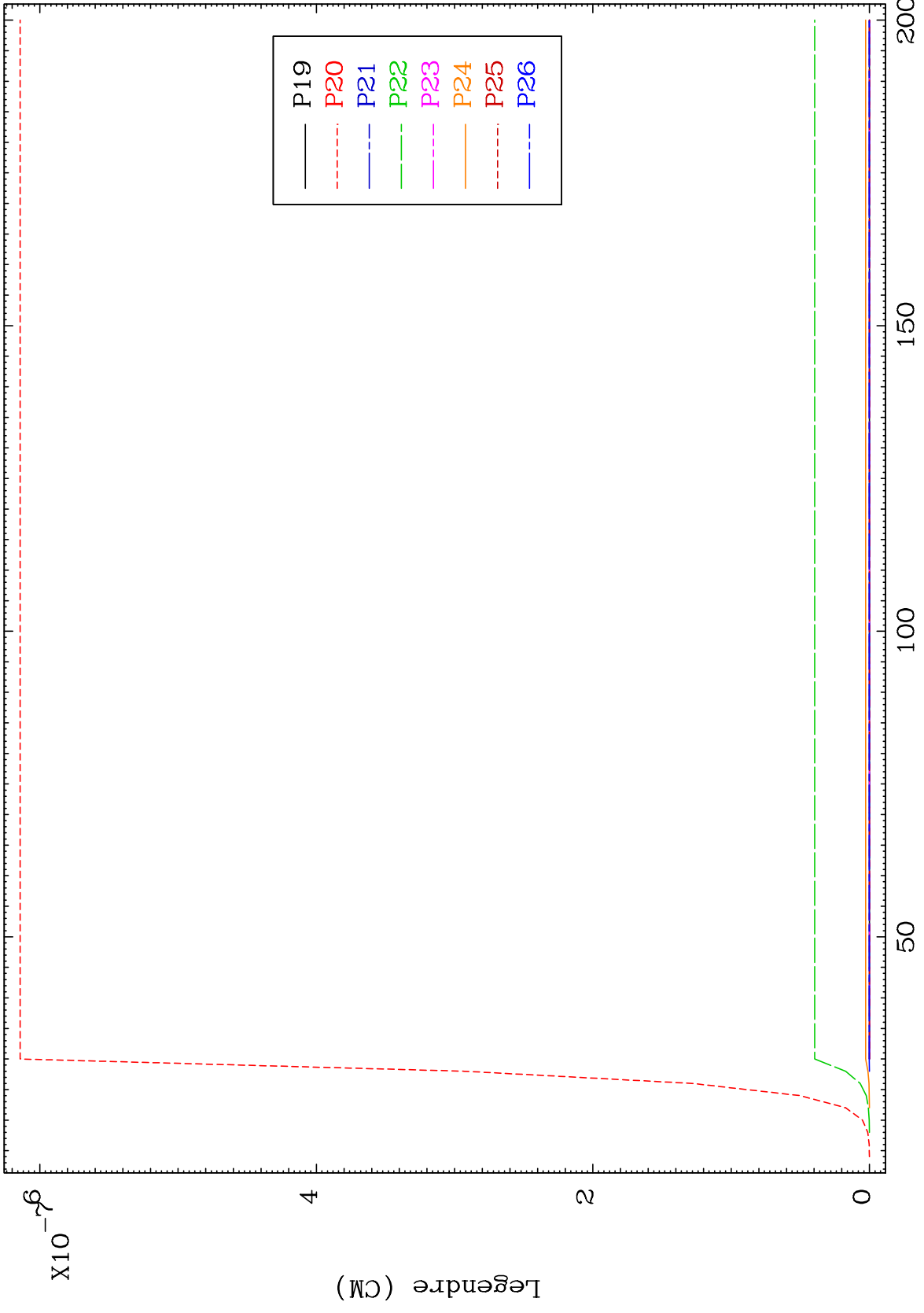


54

Incident Energy (MeV)

44-Ru-98

MAT 4431 MT= 60 (n,n') Level Legendre Coefficients 44-Ru-98



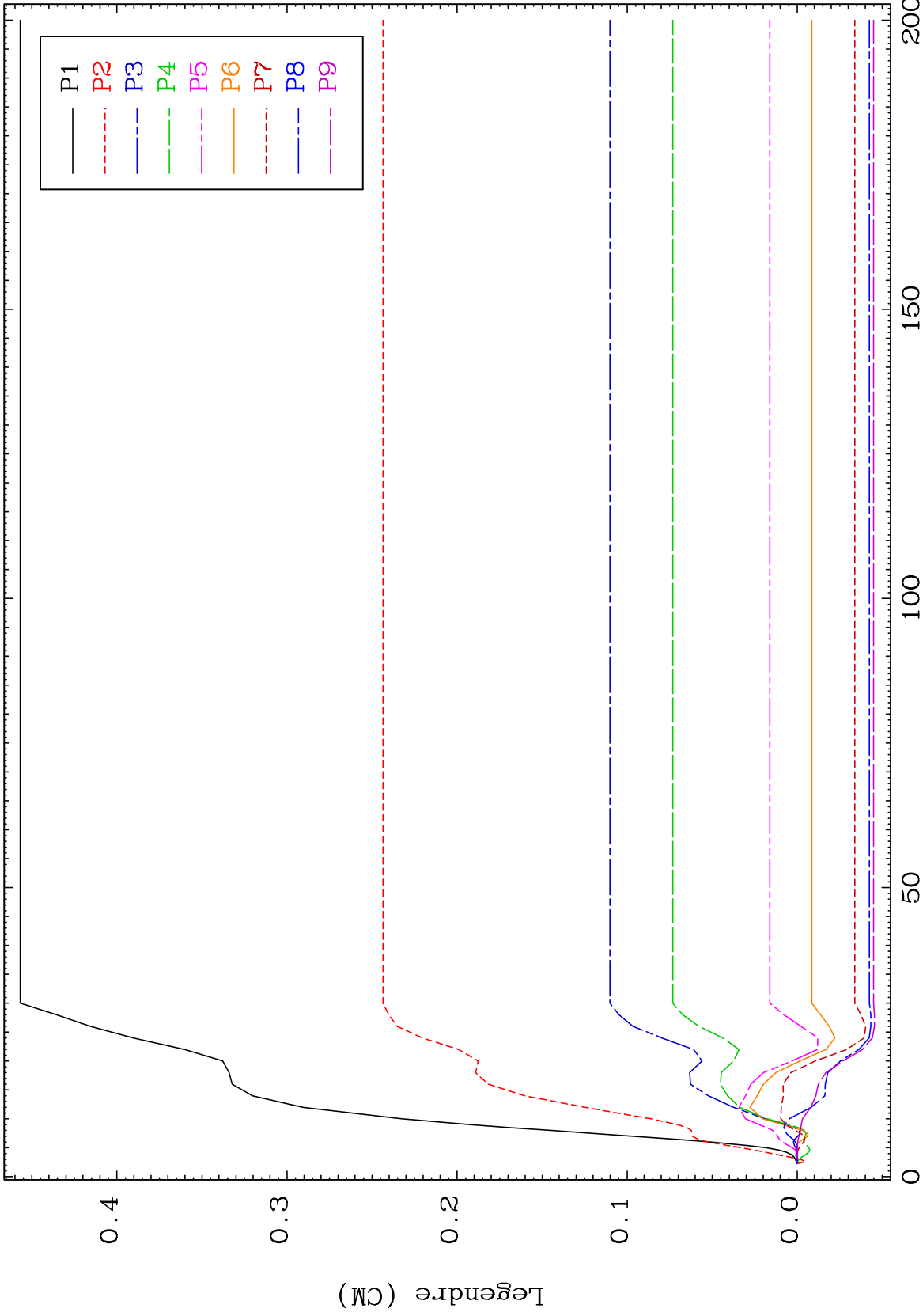
44-Ru-98



MAT 4431

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

44-Ru-98



56

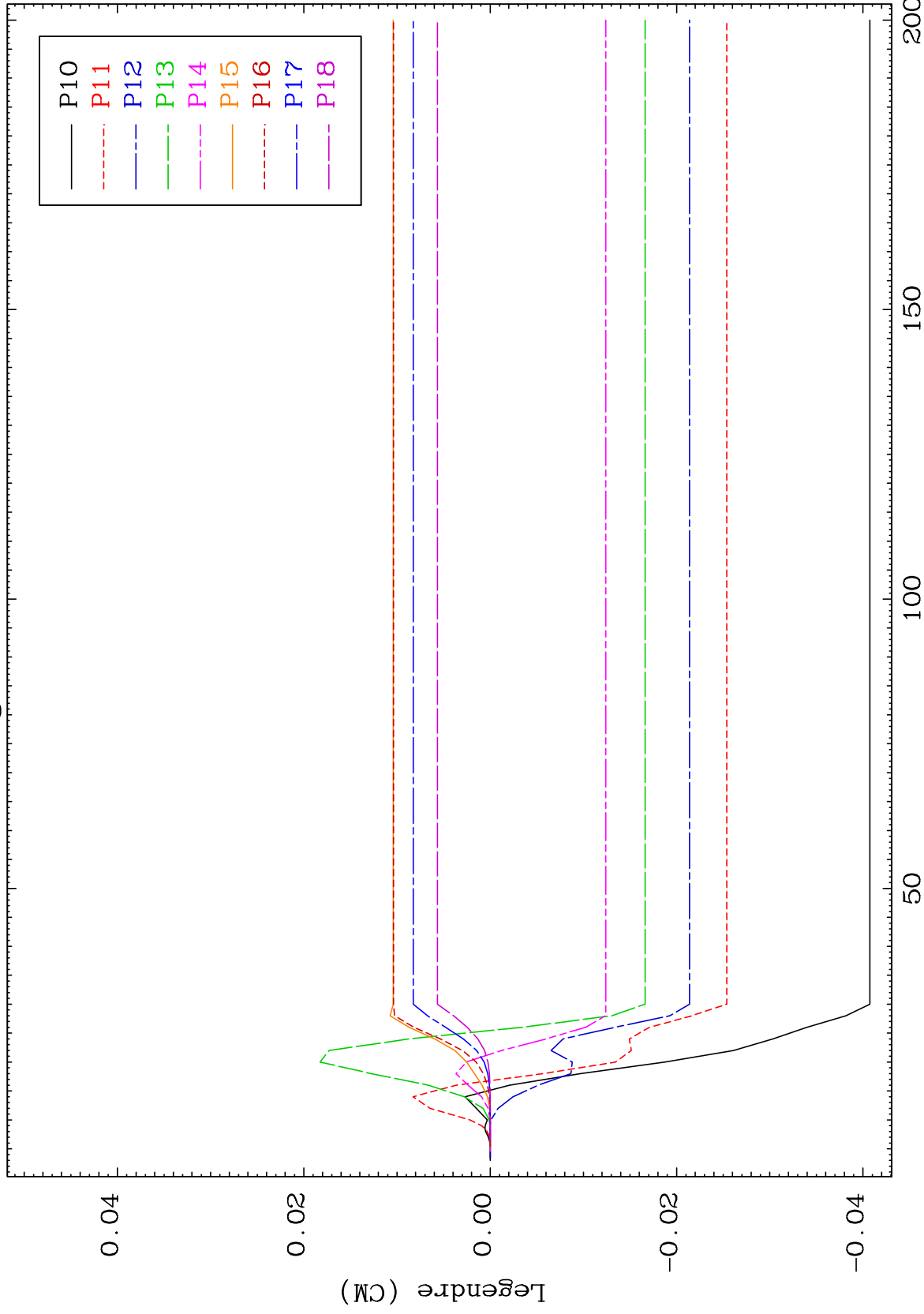
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



57

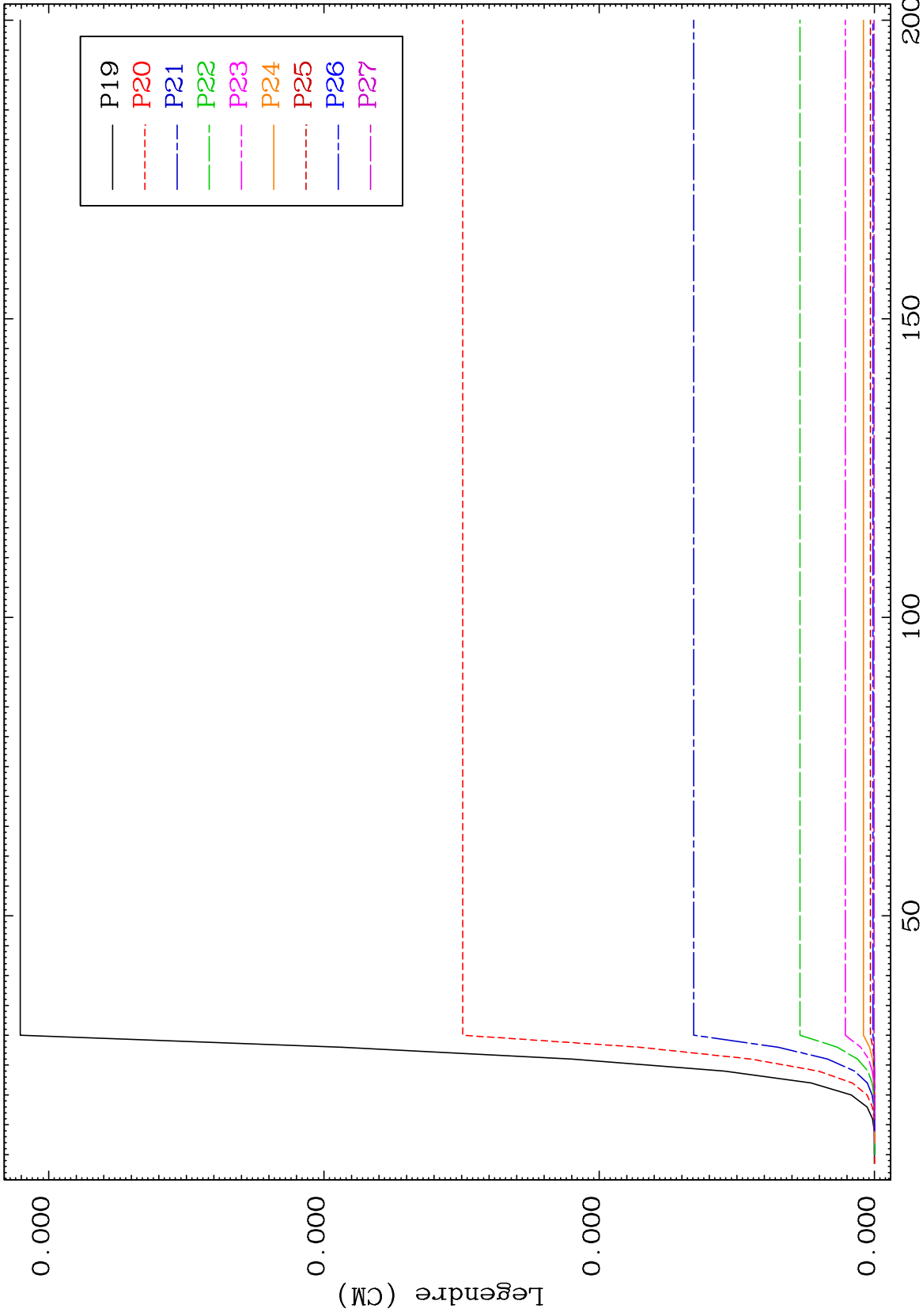
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



58

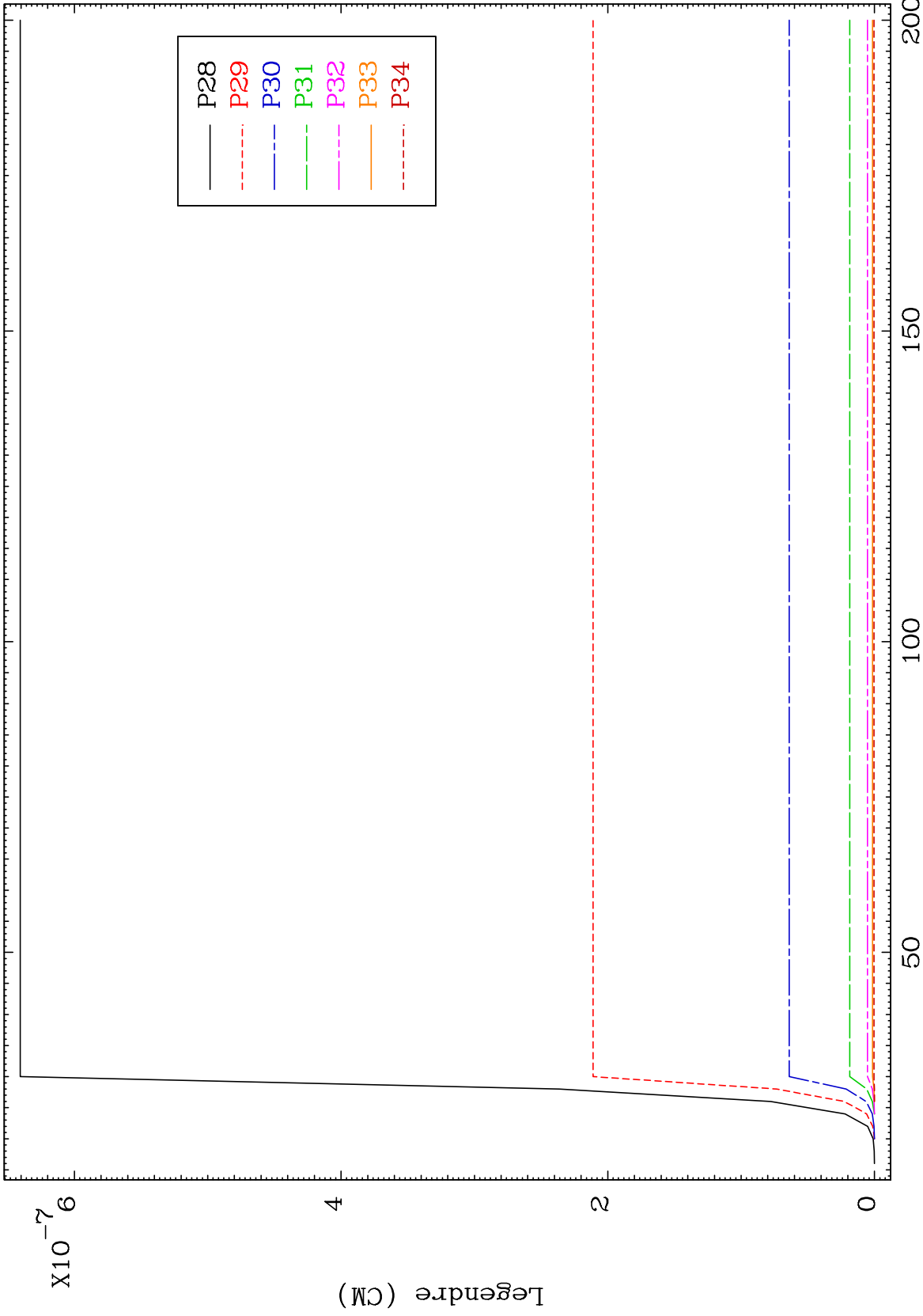
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



59

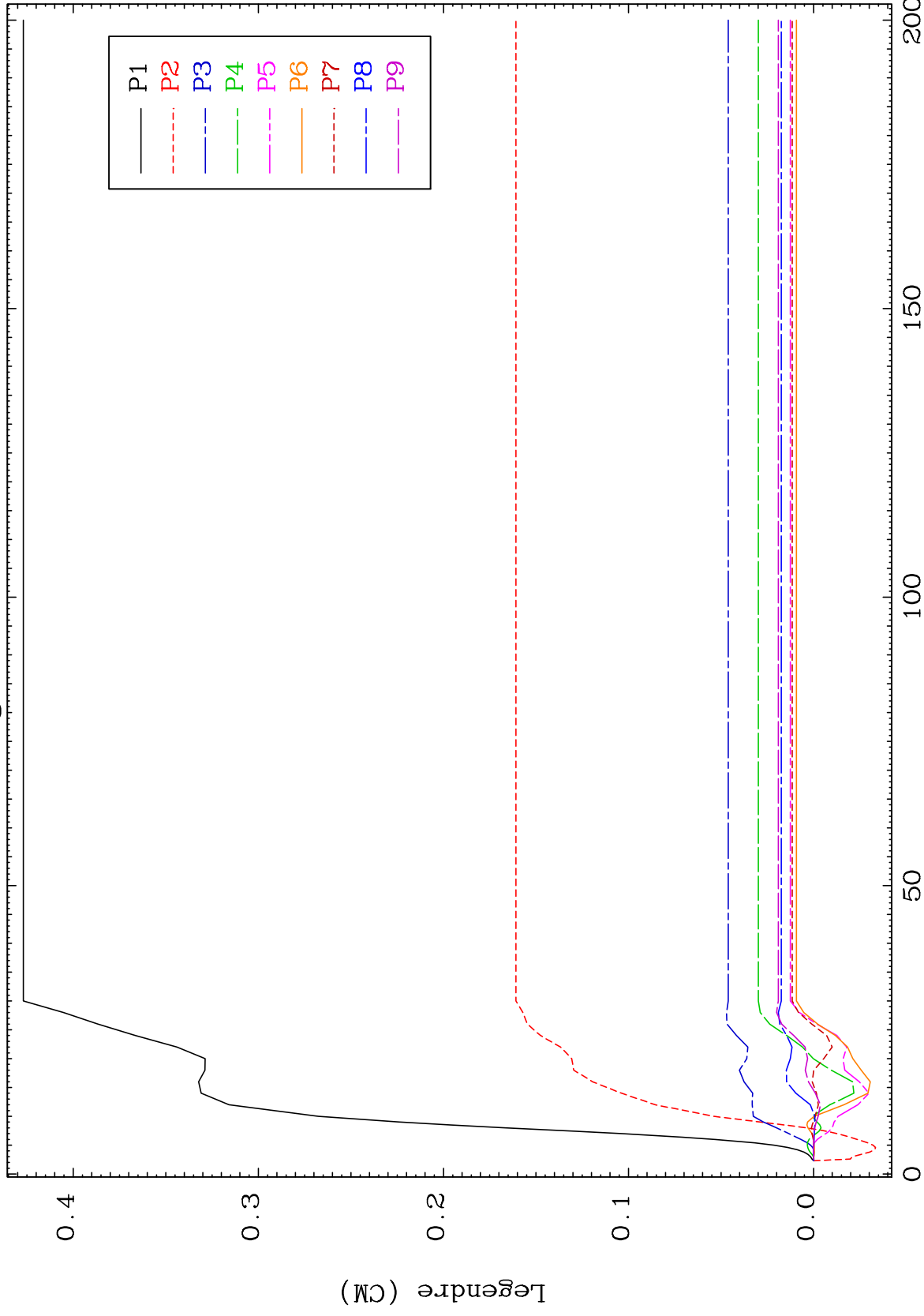
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



60

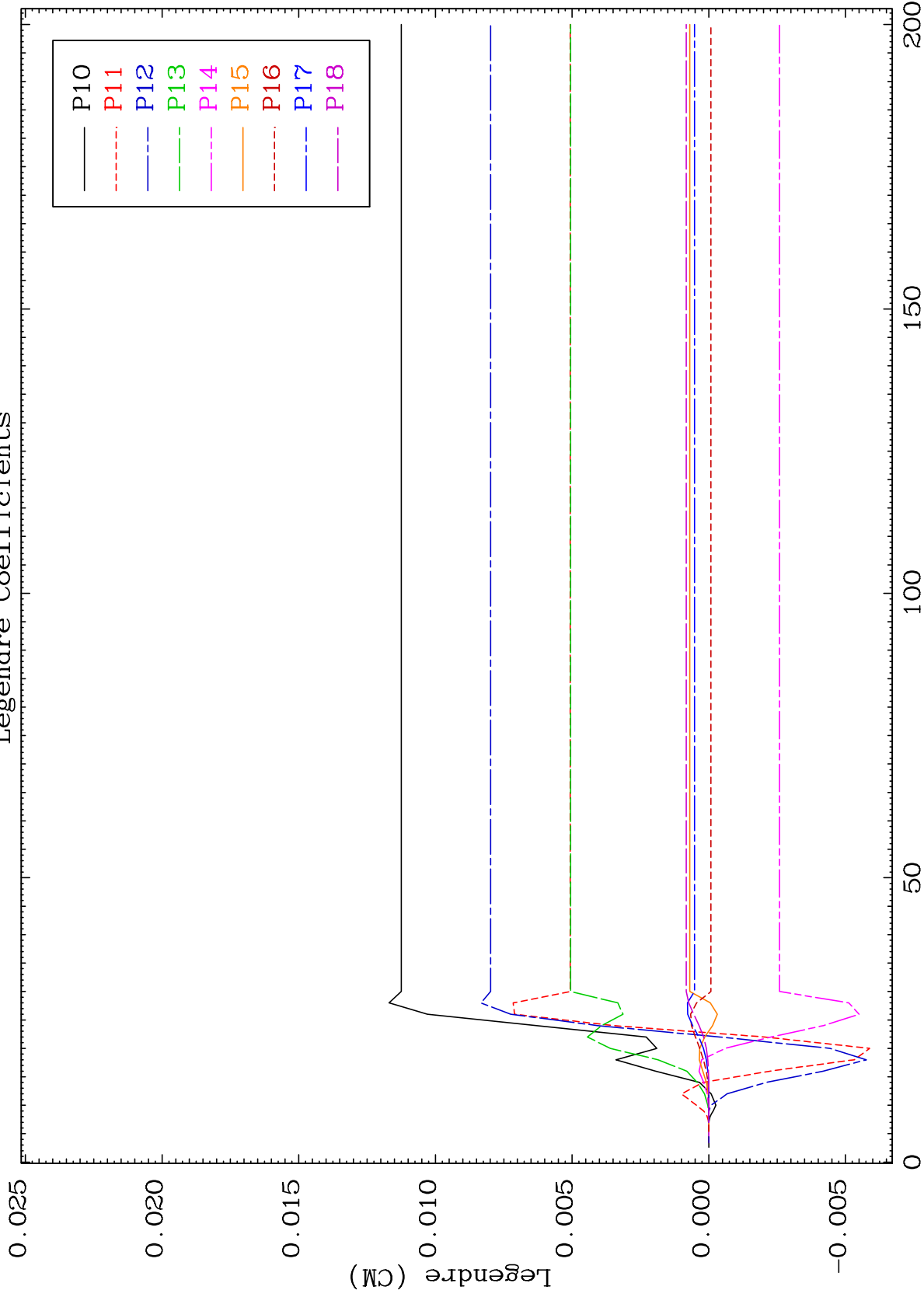
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



61

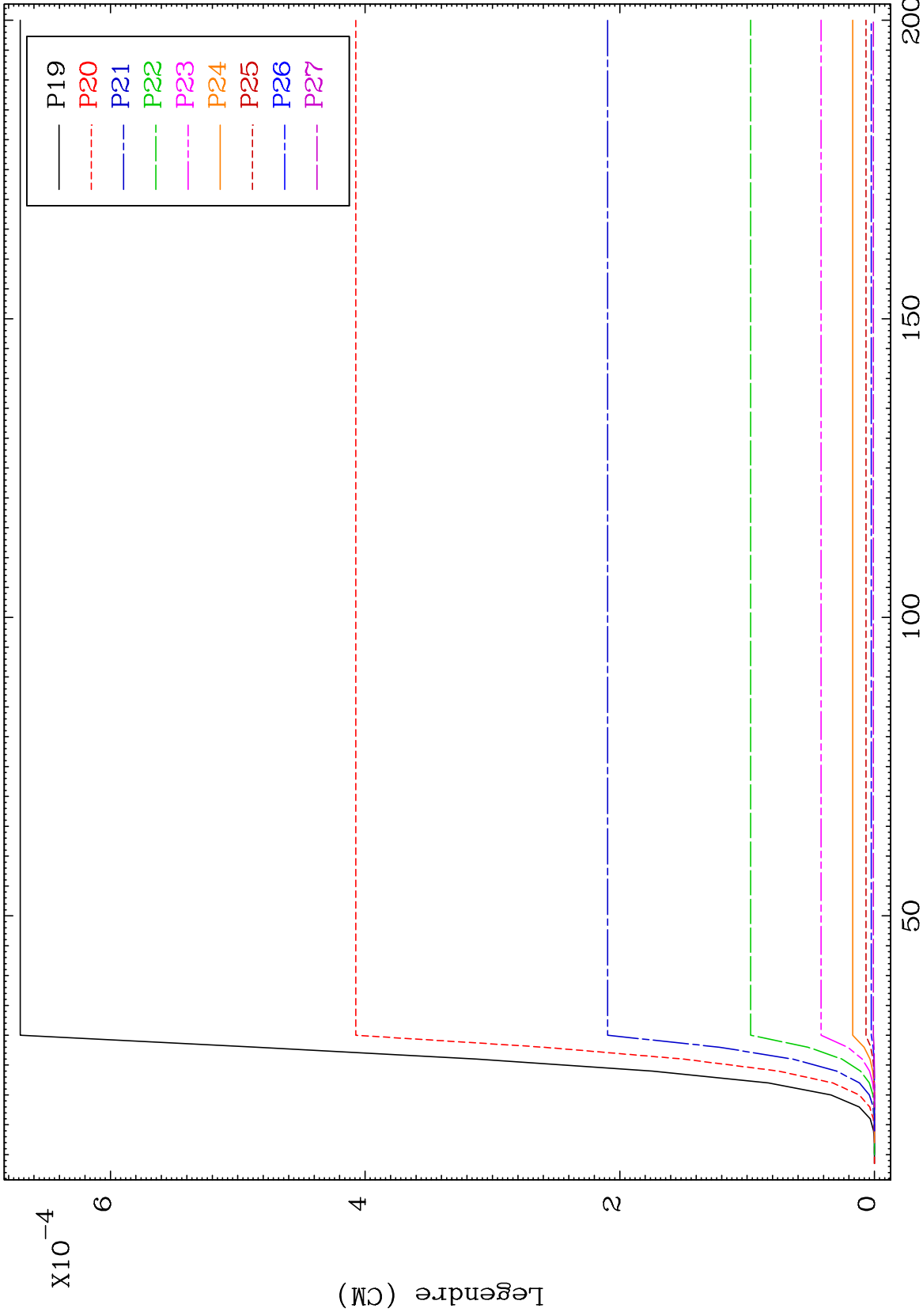
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



62

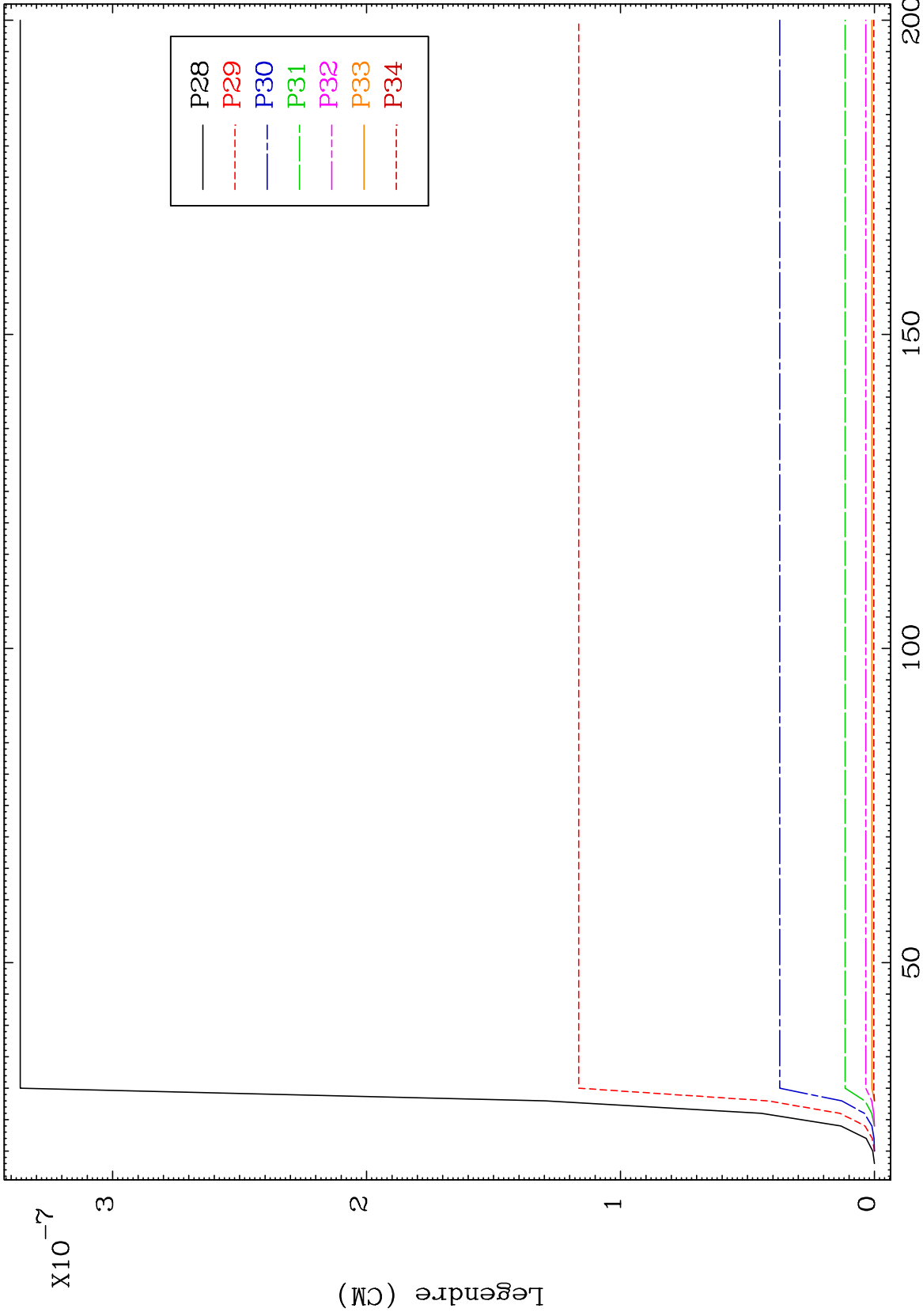
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



63

Incident Energy (MeV)

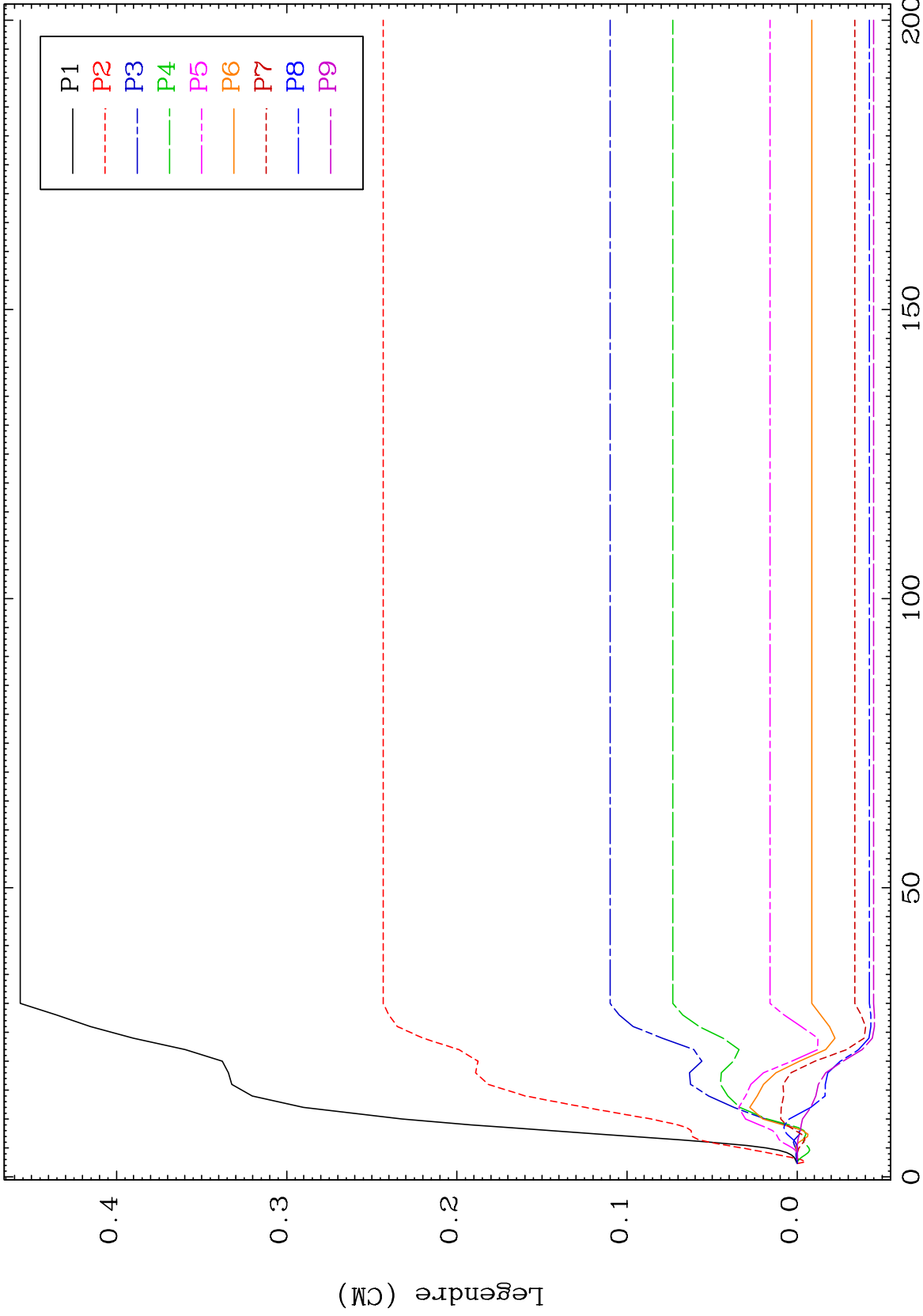
44-Ru-98



MAT 4431

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

44-Ru-98



64

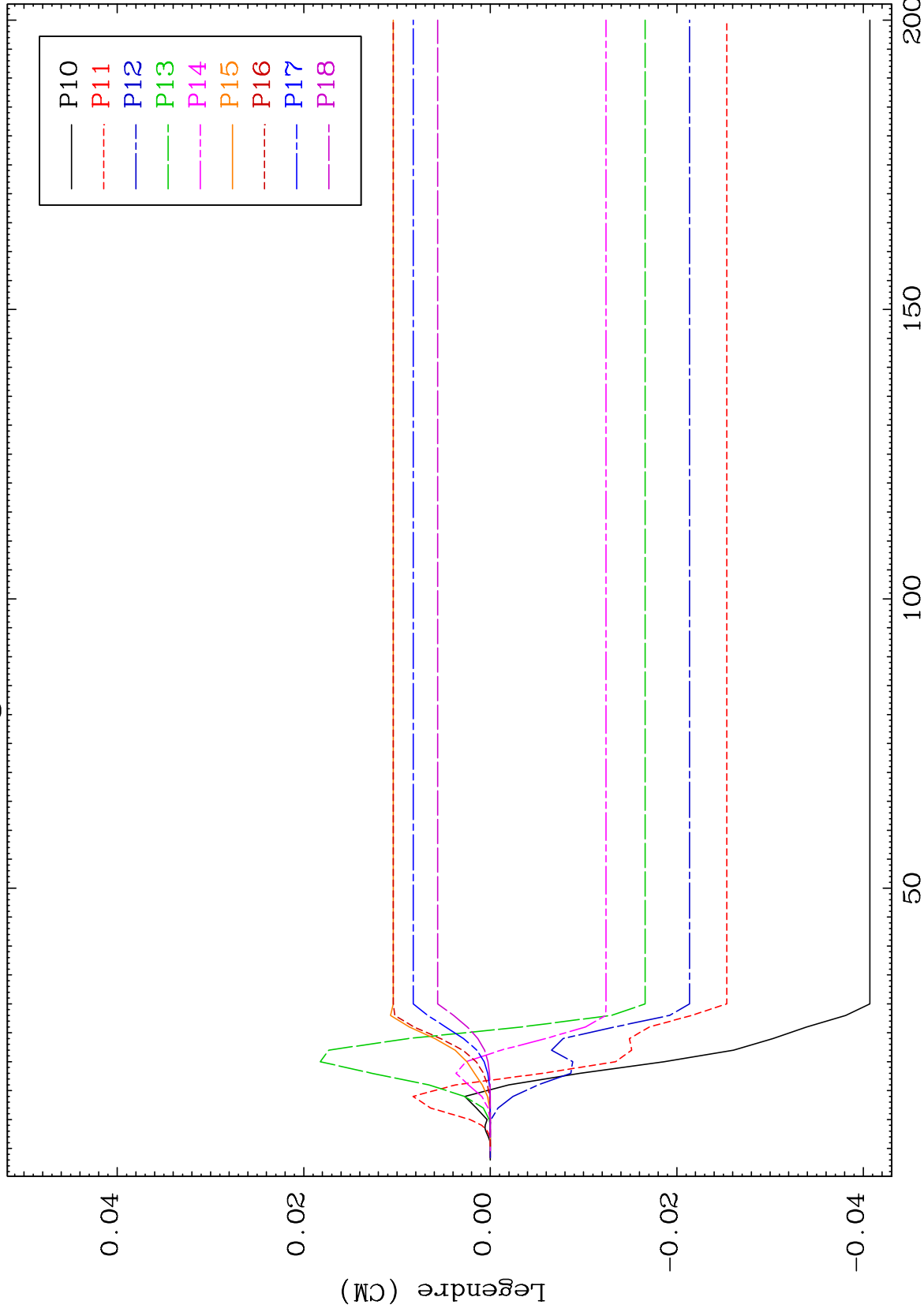
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



65

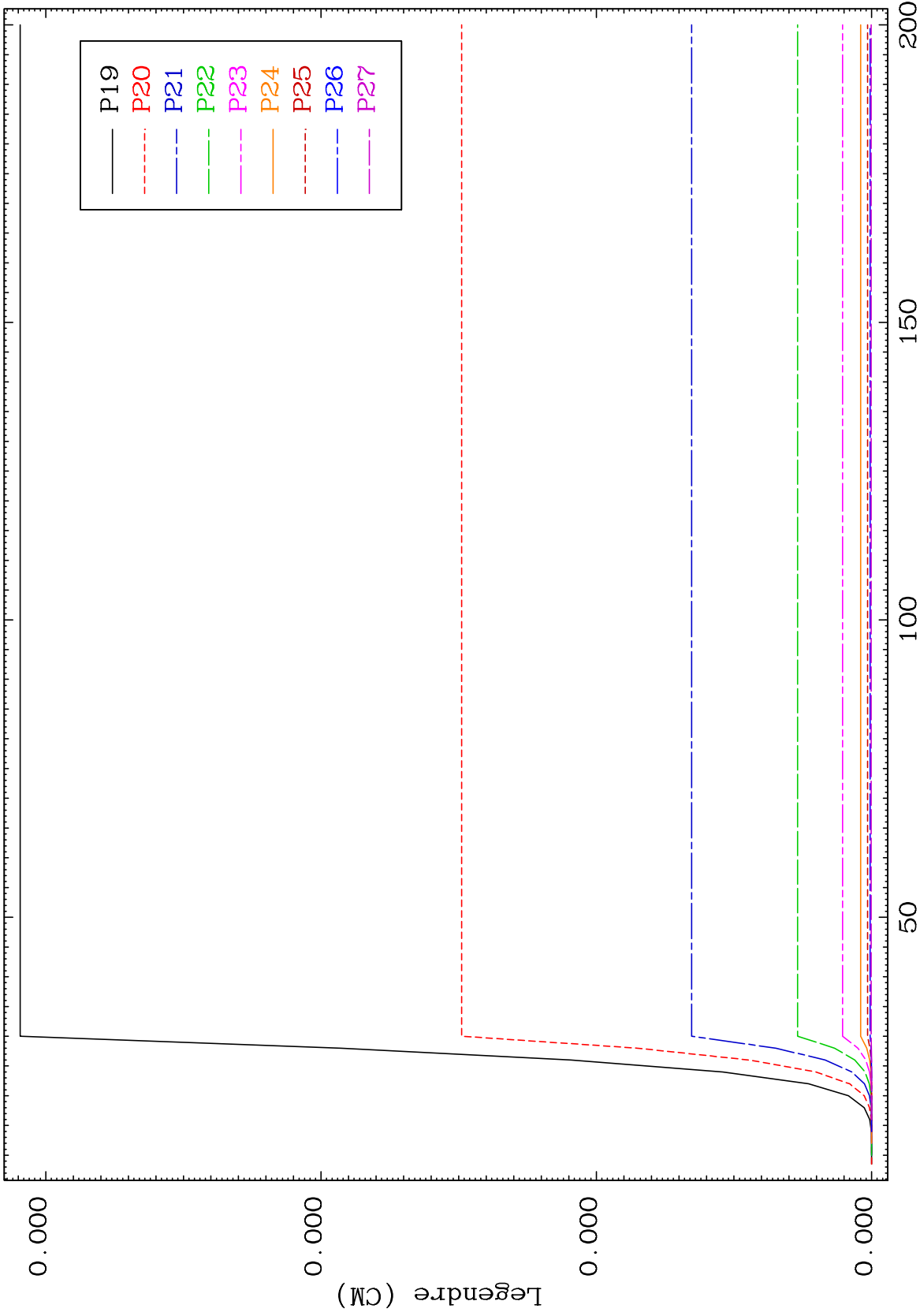
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



66

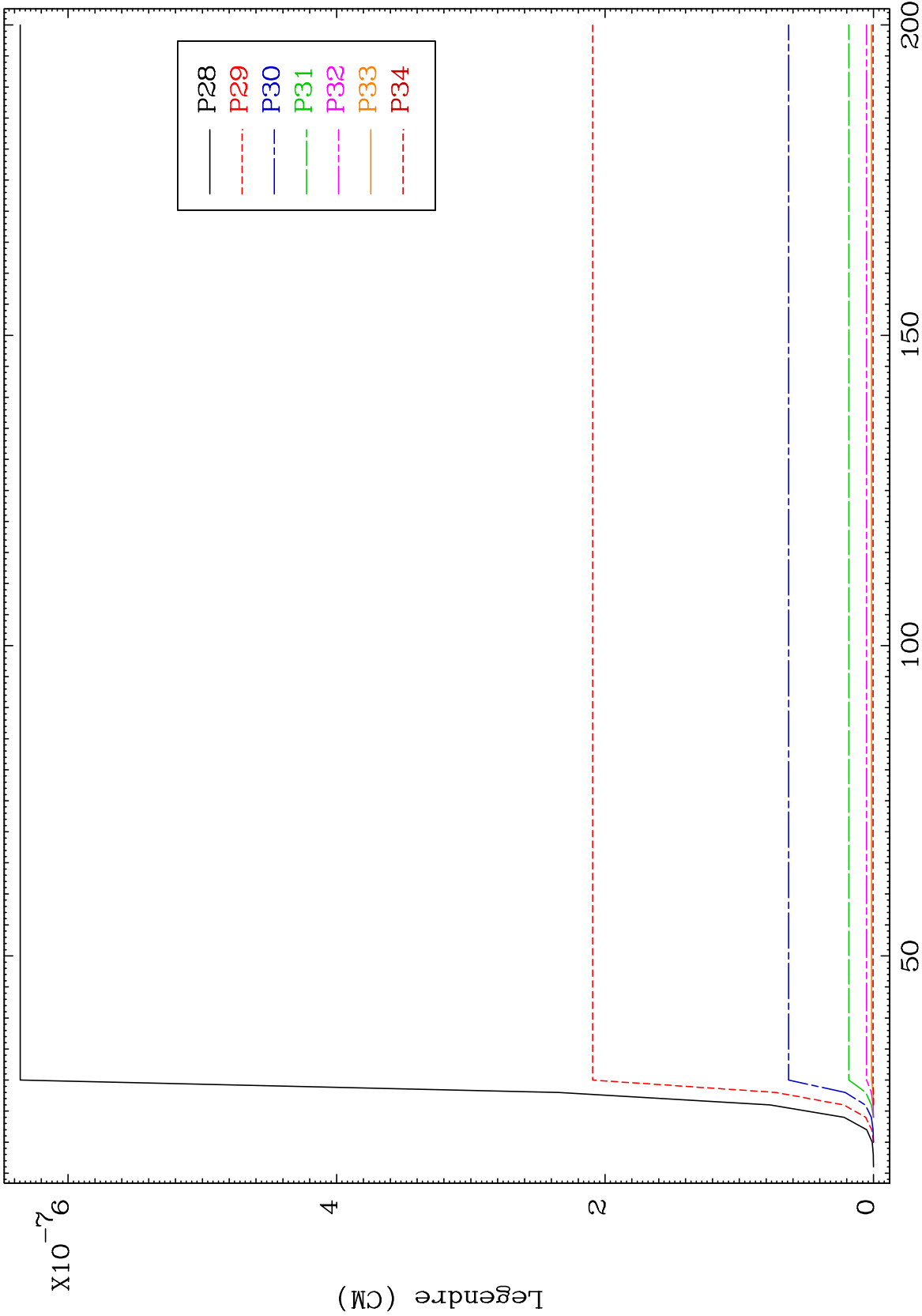
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



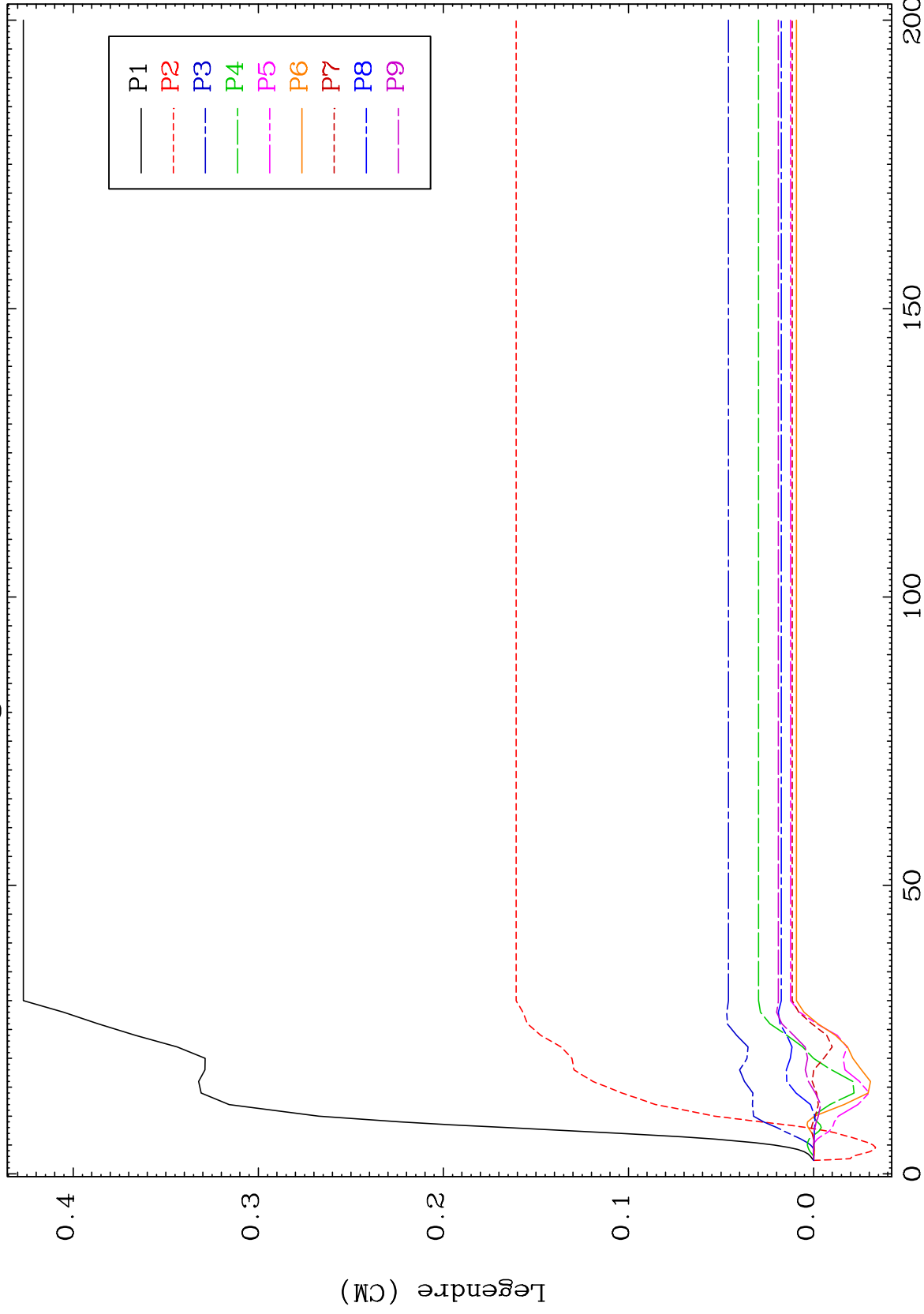
67

44-Ru-98

MAT 4431

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

44-Ru-98



68

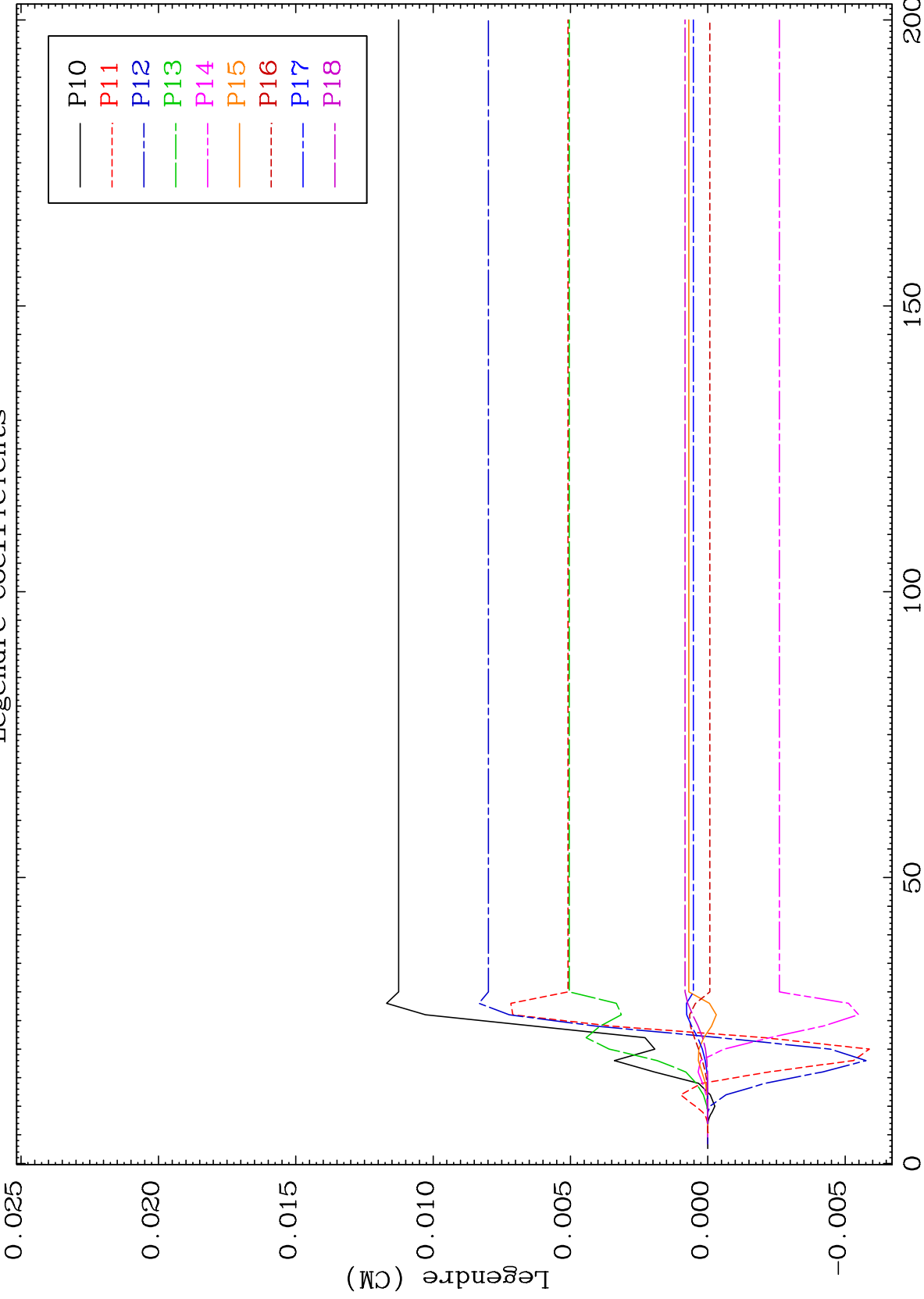
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



69

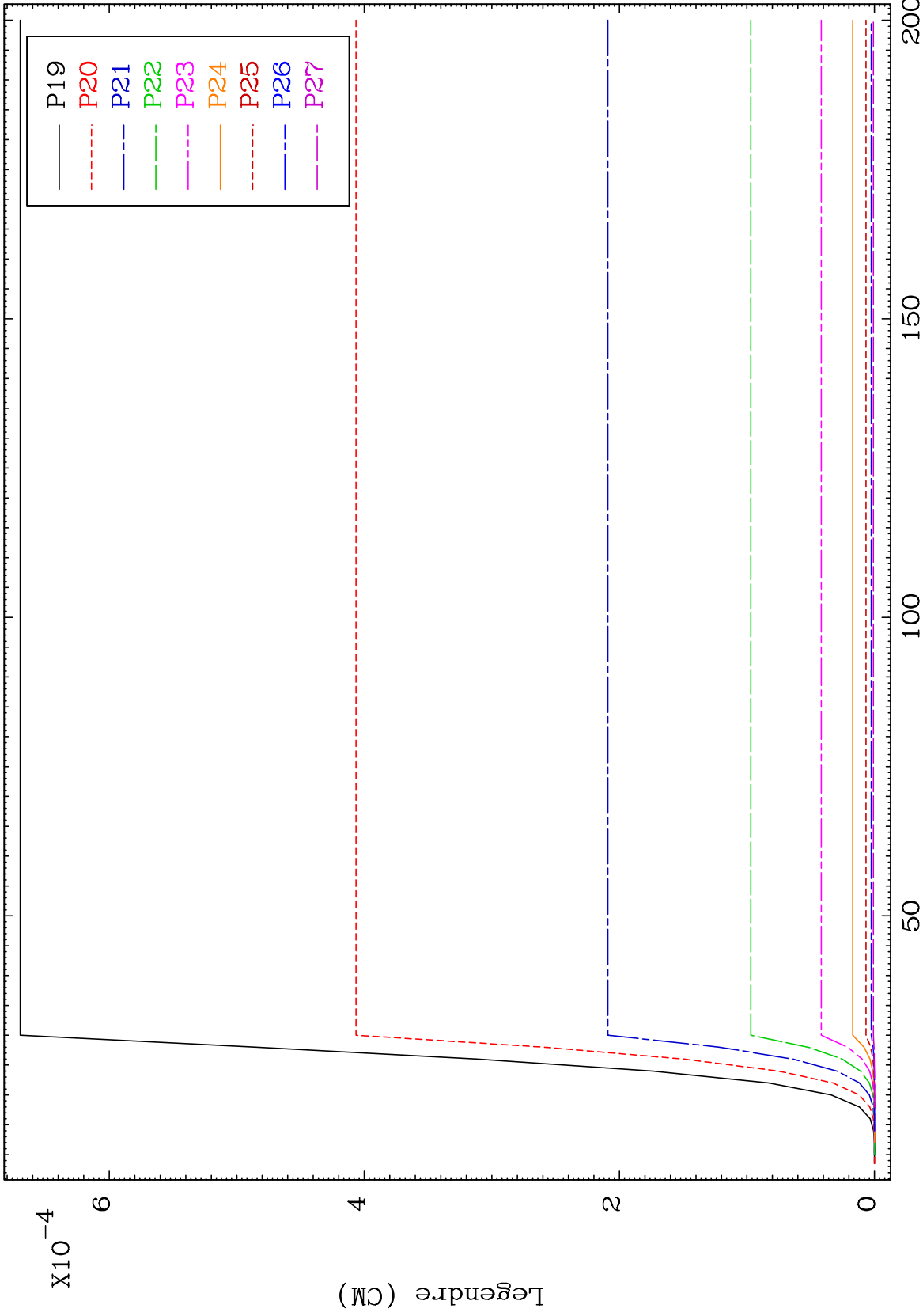
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



70

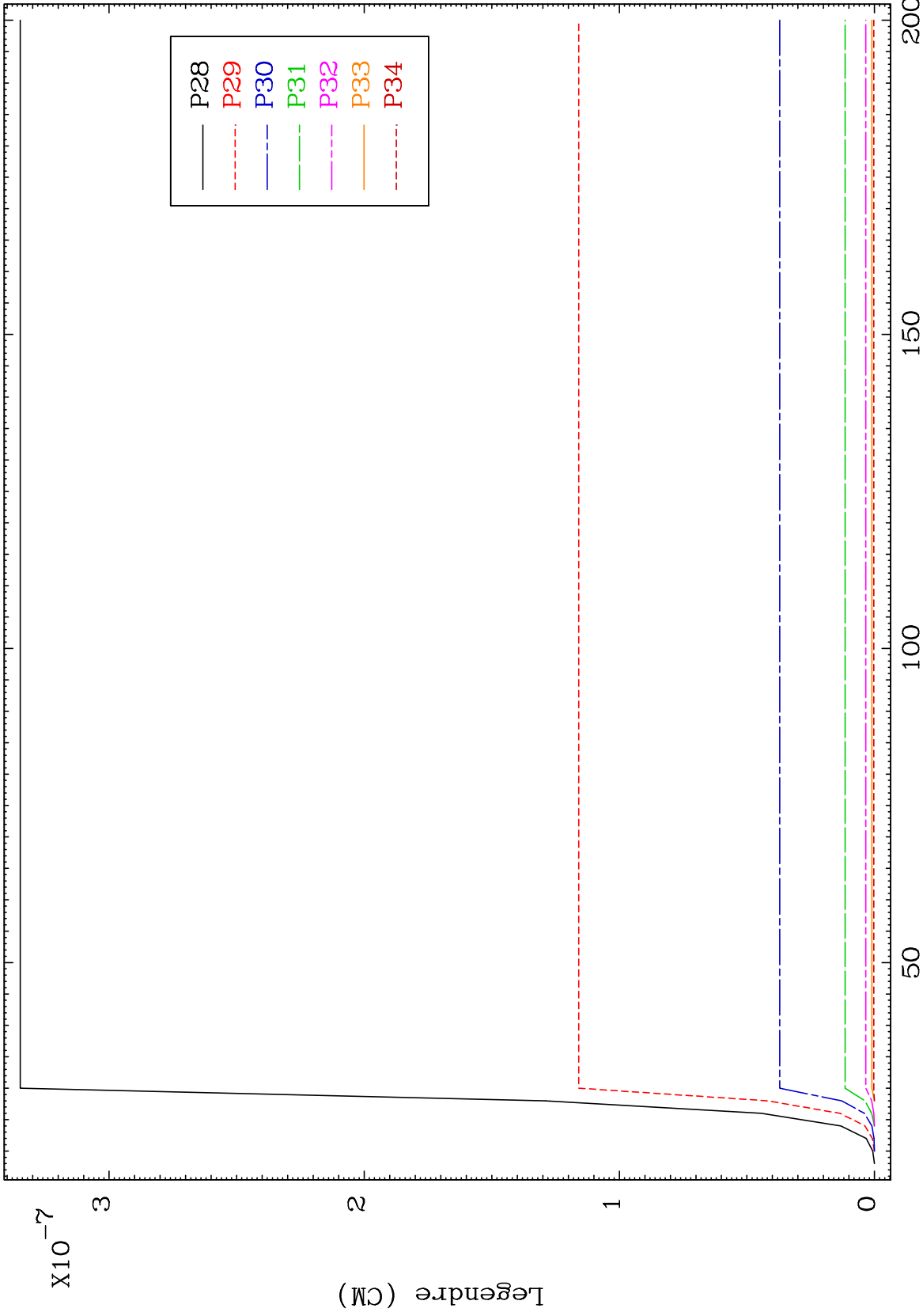
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



71

Incident Energy (MeV)

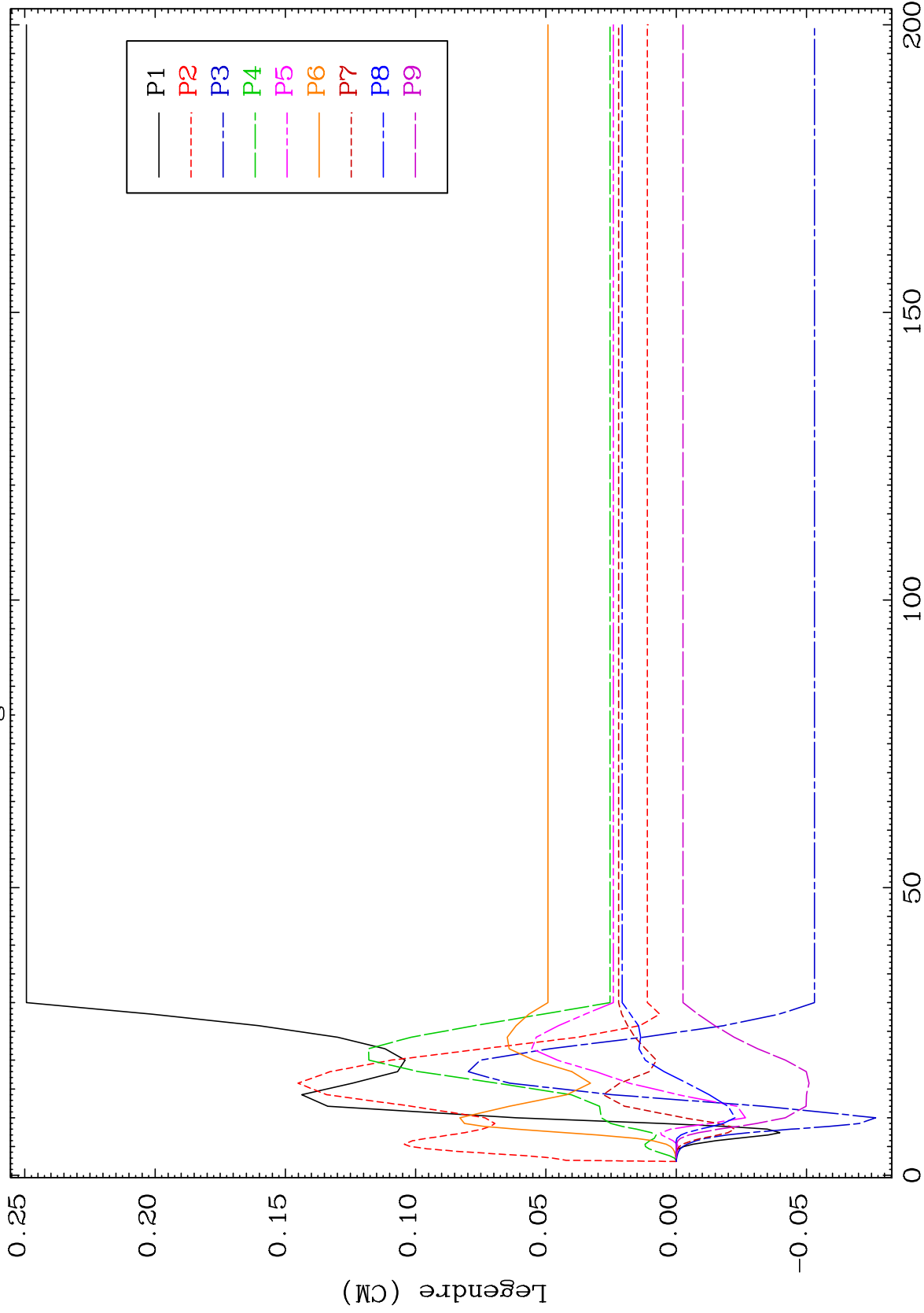
44-Ru-98



MAT 4431

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

44-Ru-98



72

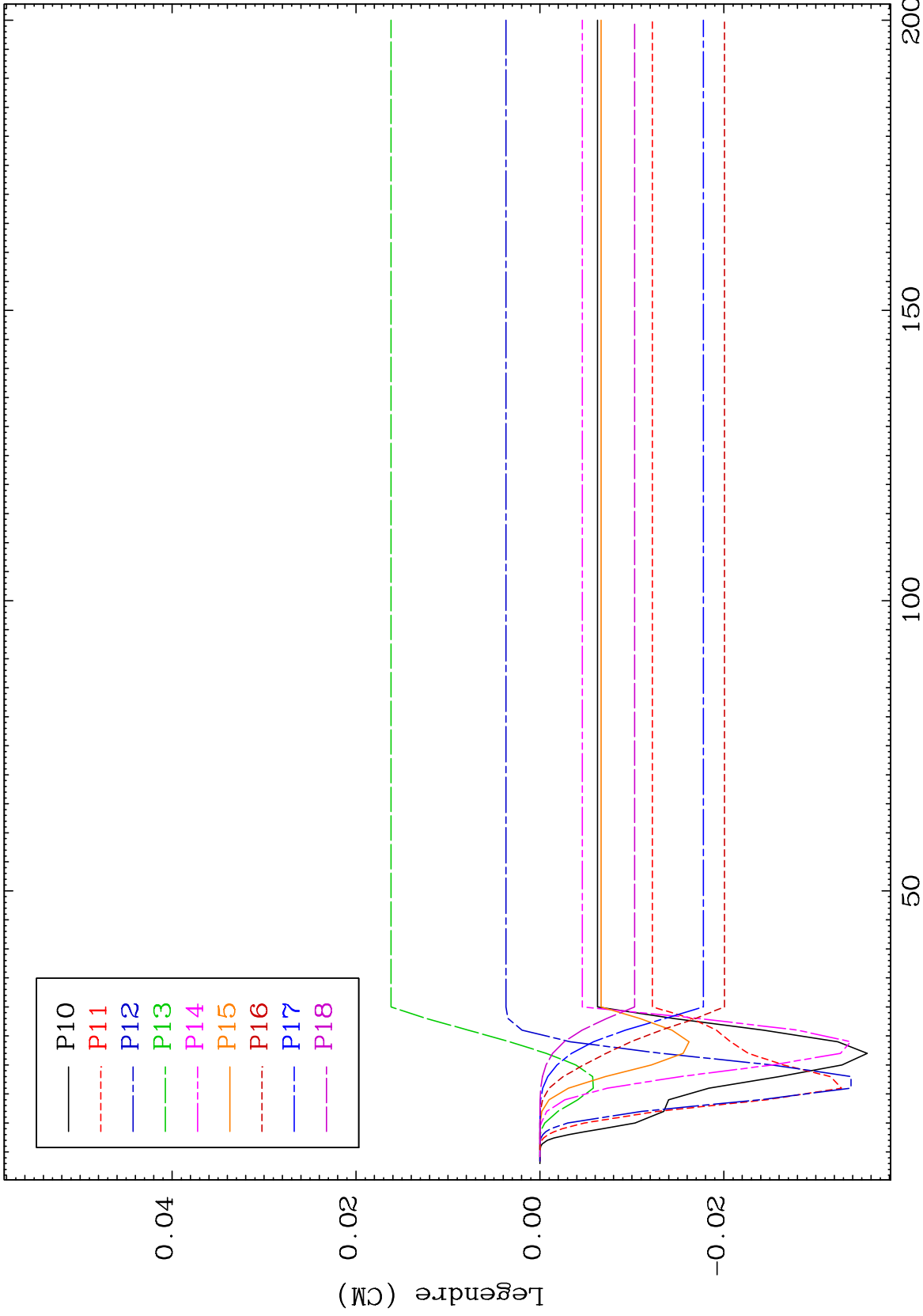
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

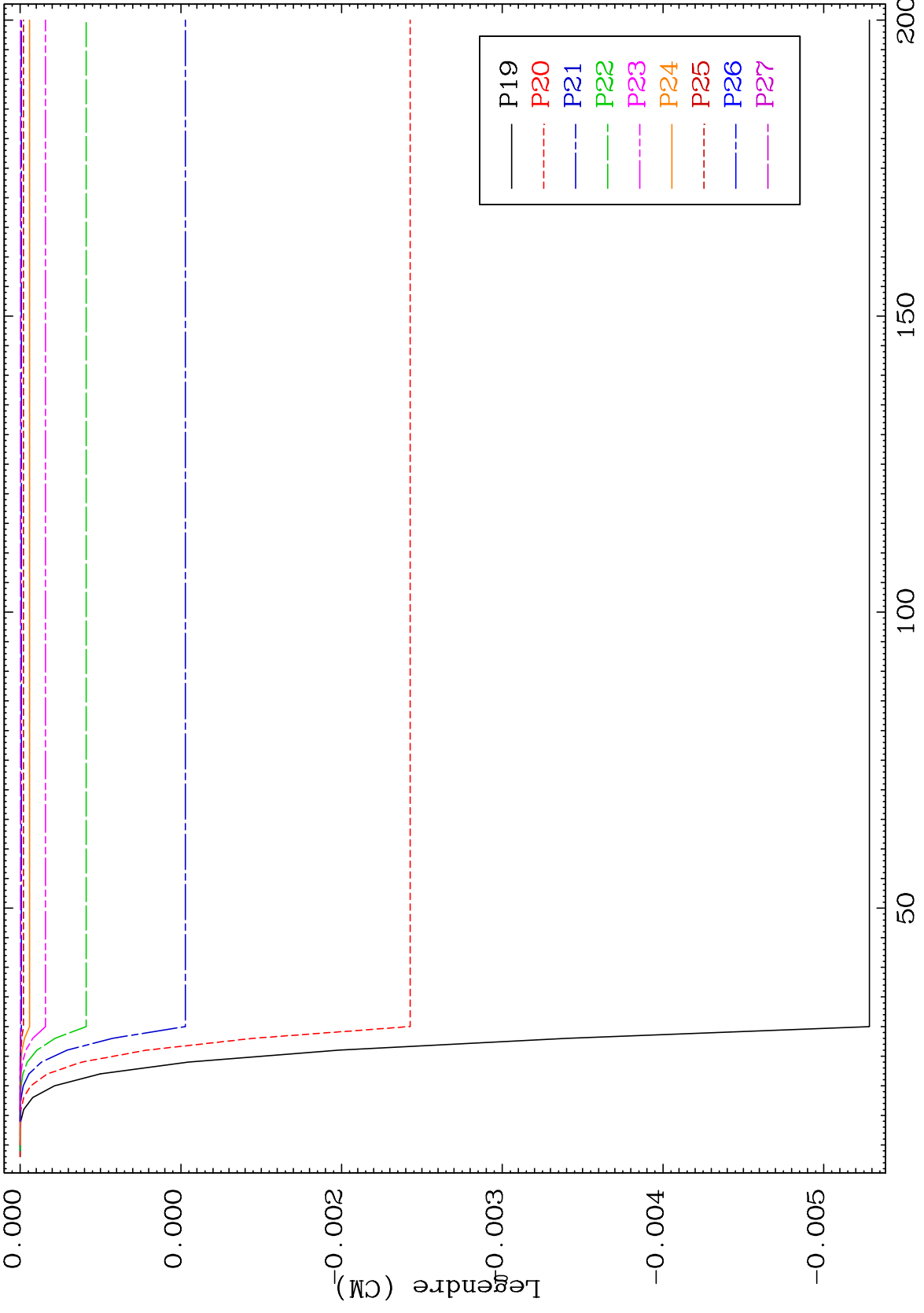
44-Ru-98



73

Incident Energy (MeV)

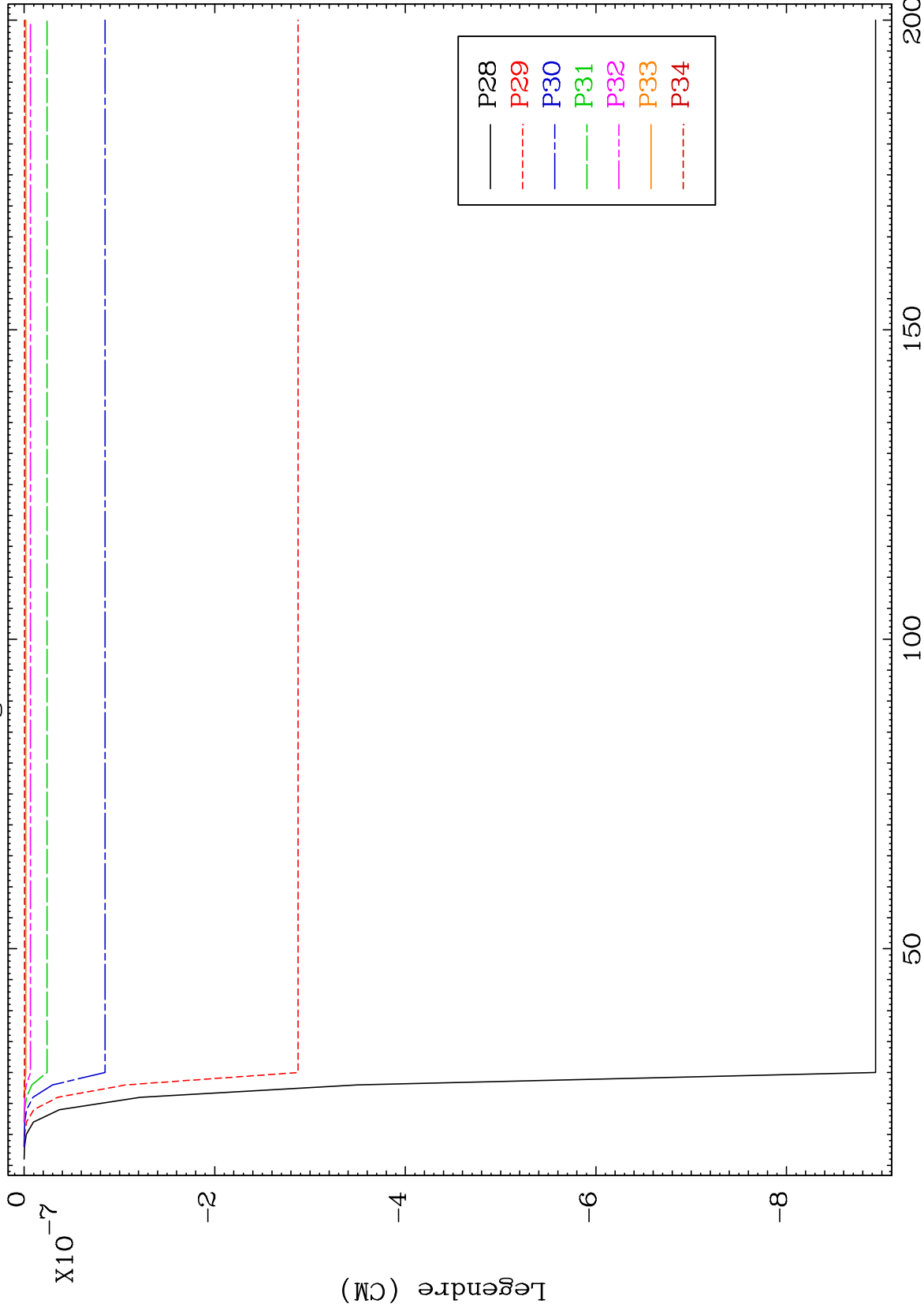
44-Ru-98



MAT 4431

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

44-Ru-98



44-Ru-98

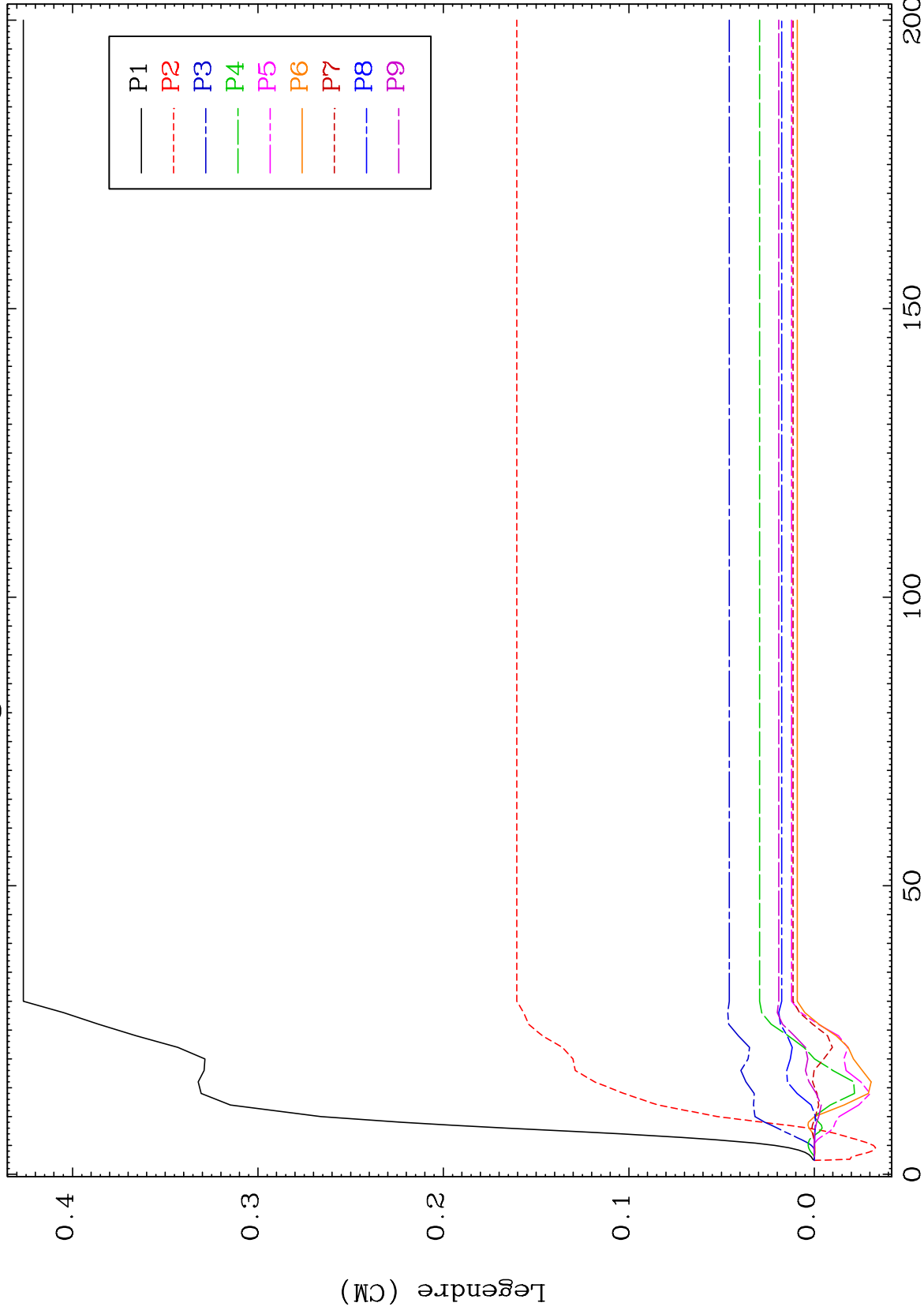
Incident Energy (MeV)

75

MAT 4431

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

44-Ru-98



76

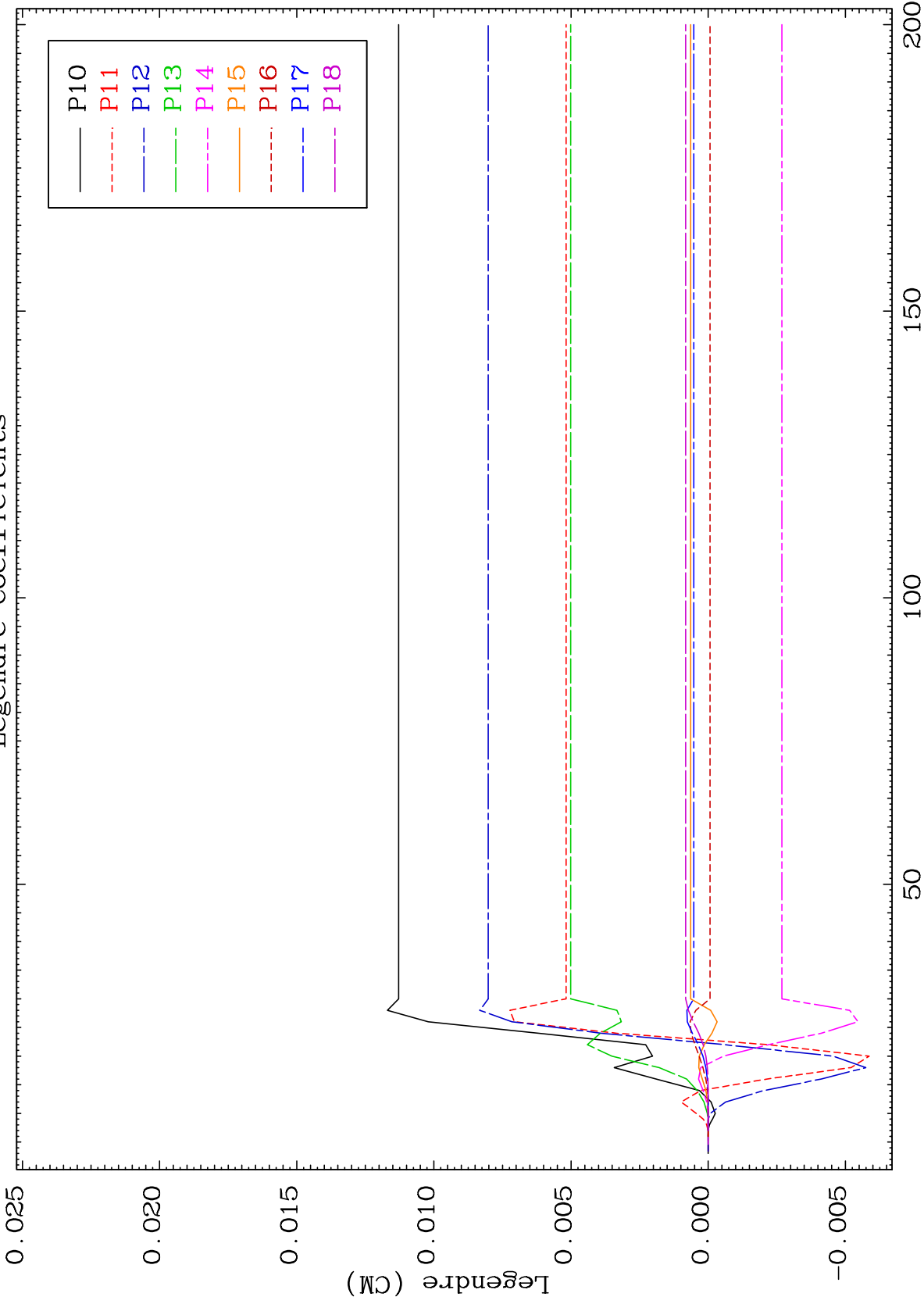
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



77

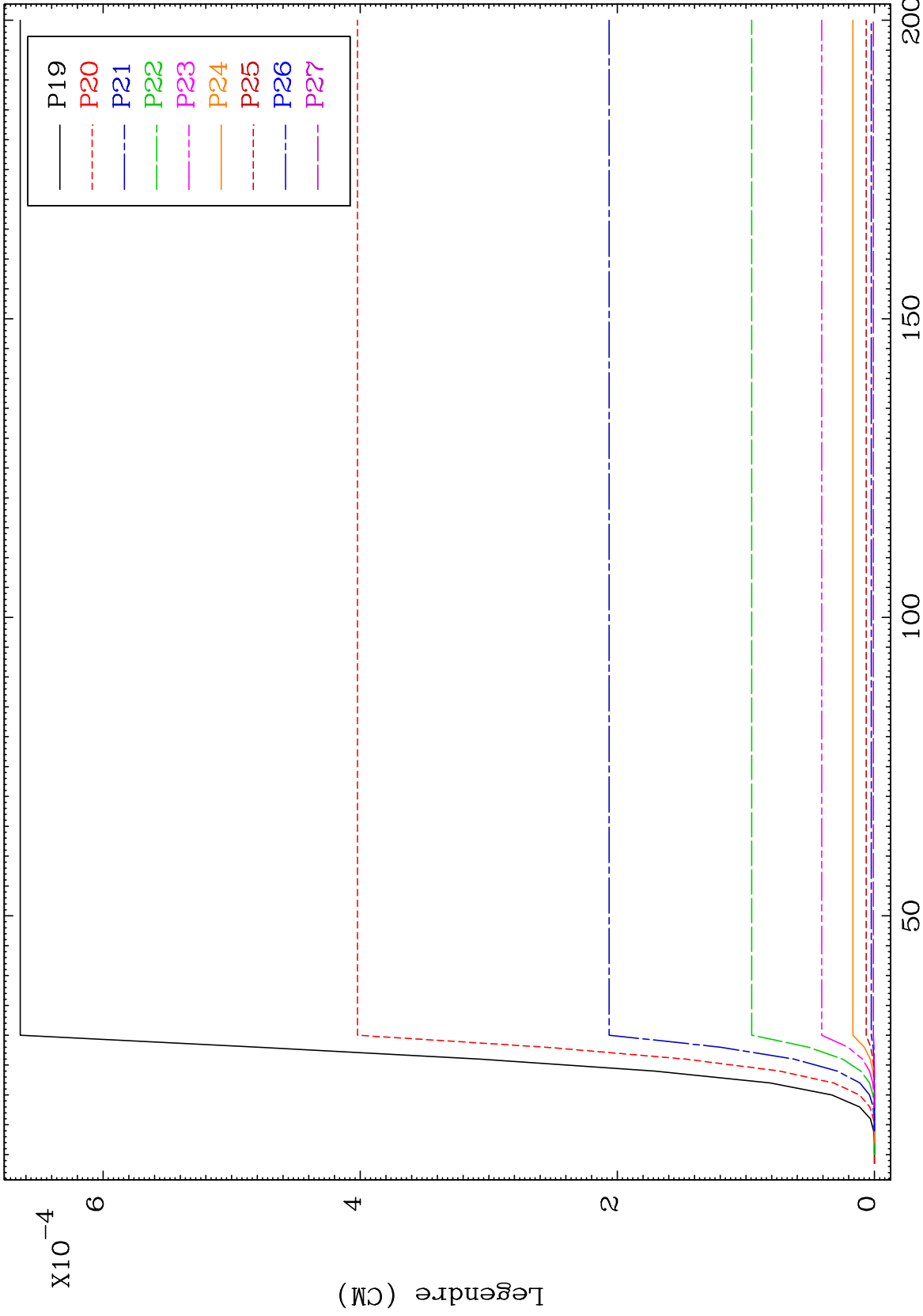
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



78

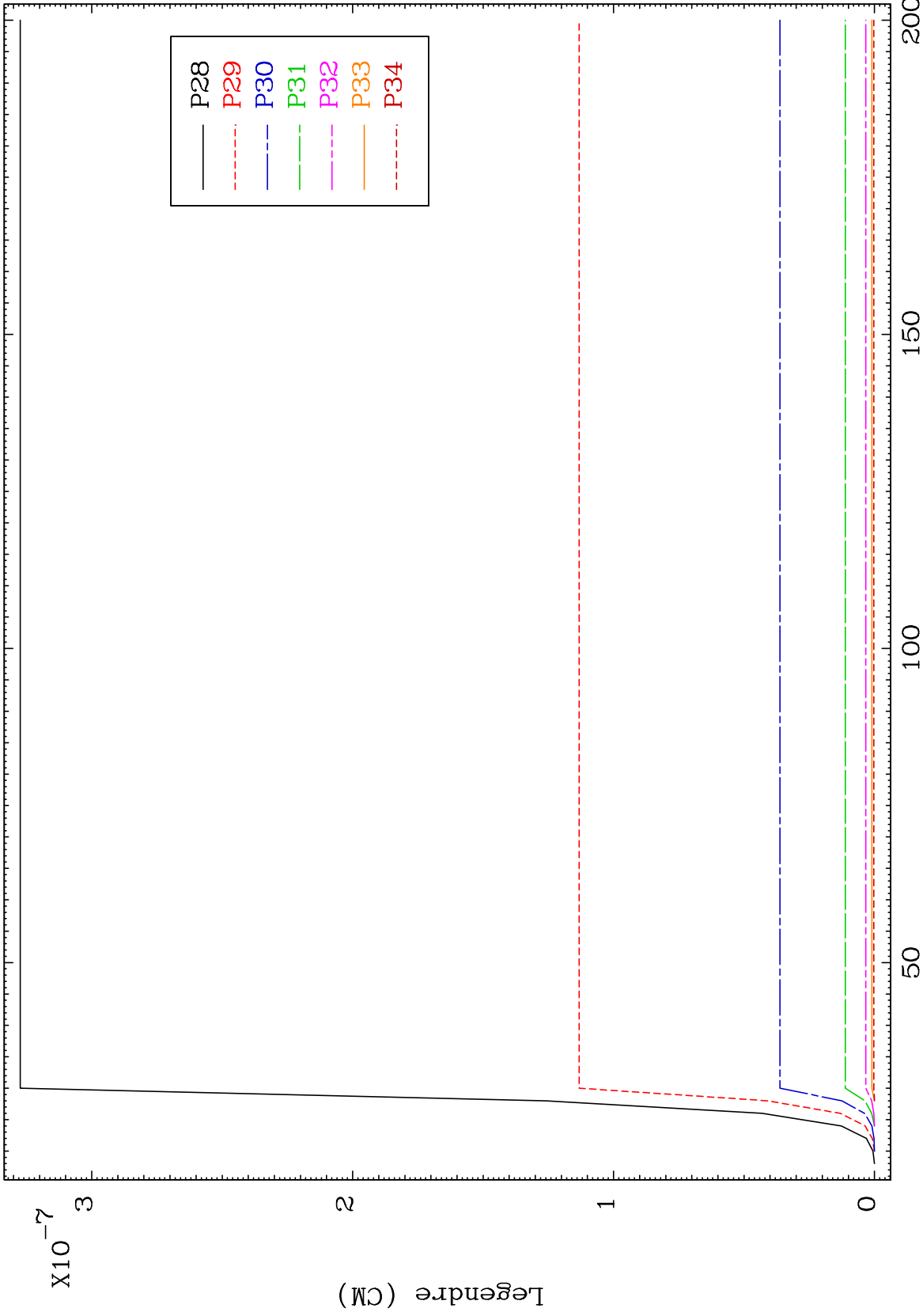
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



79

Incident Energy (MeV)

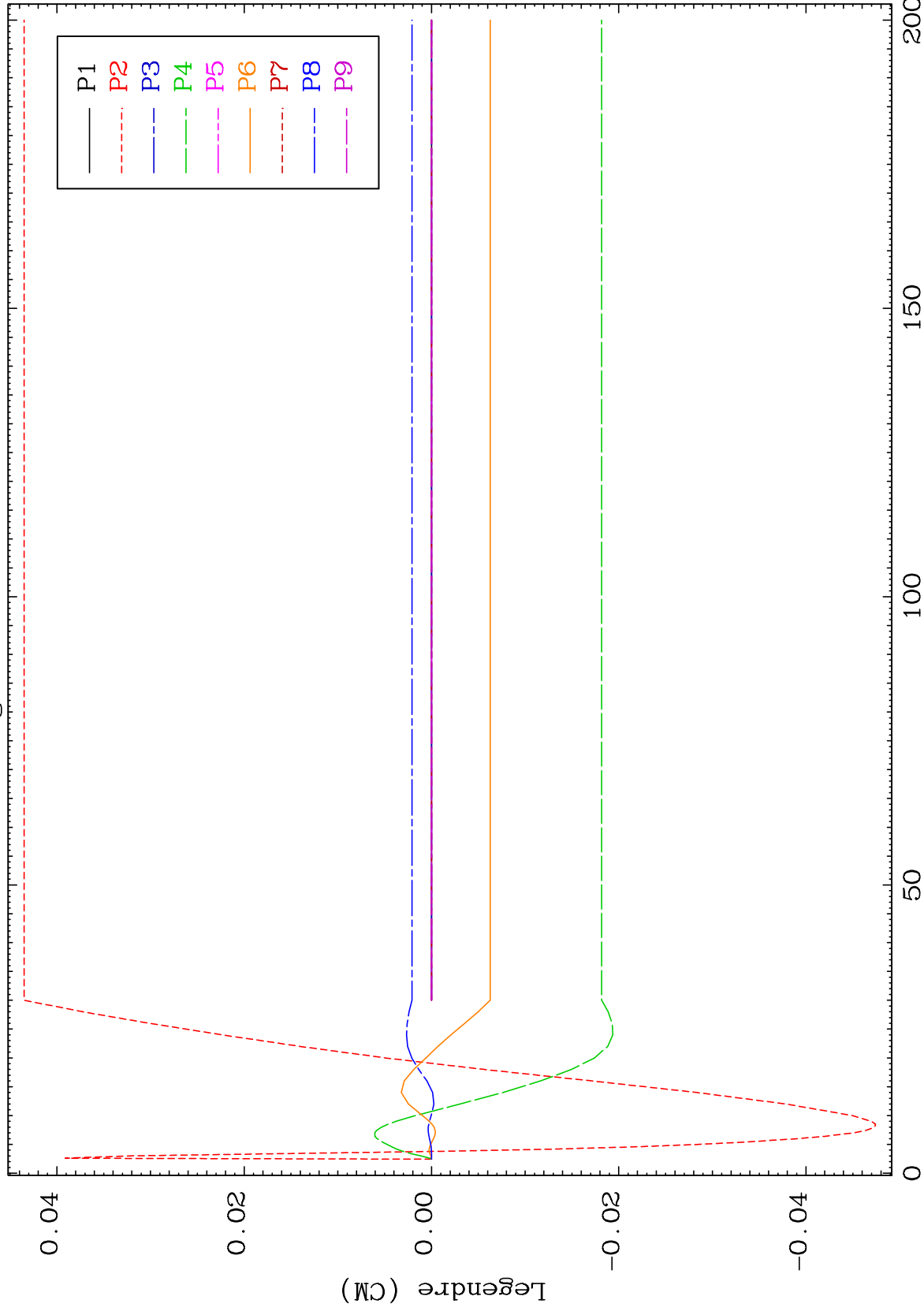
44-Ru-98



MAT 4431

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

44-Ru-98



80

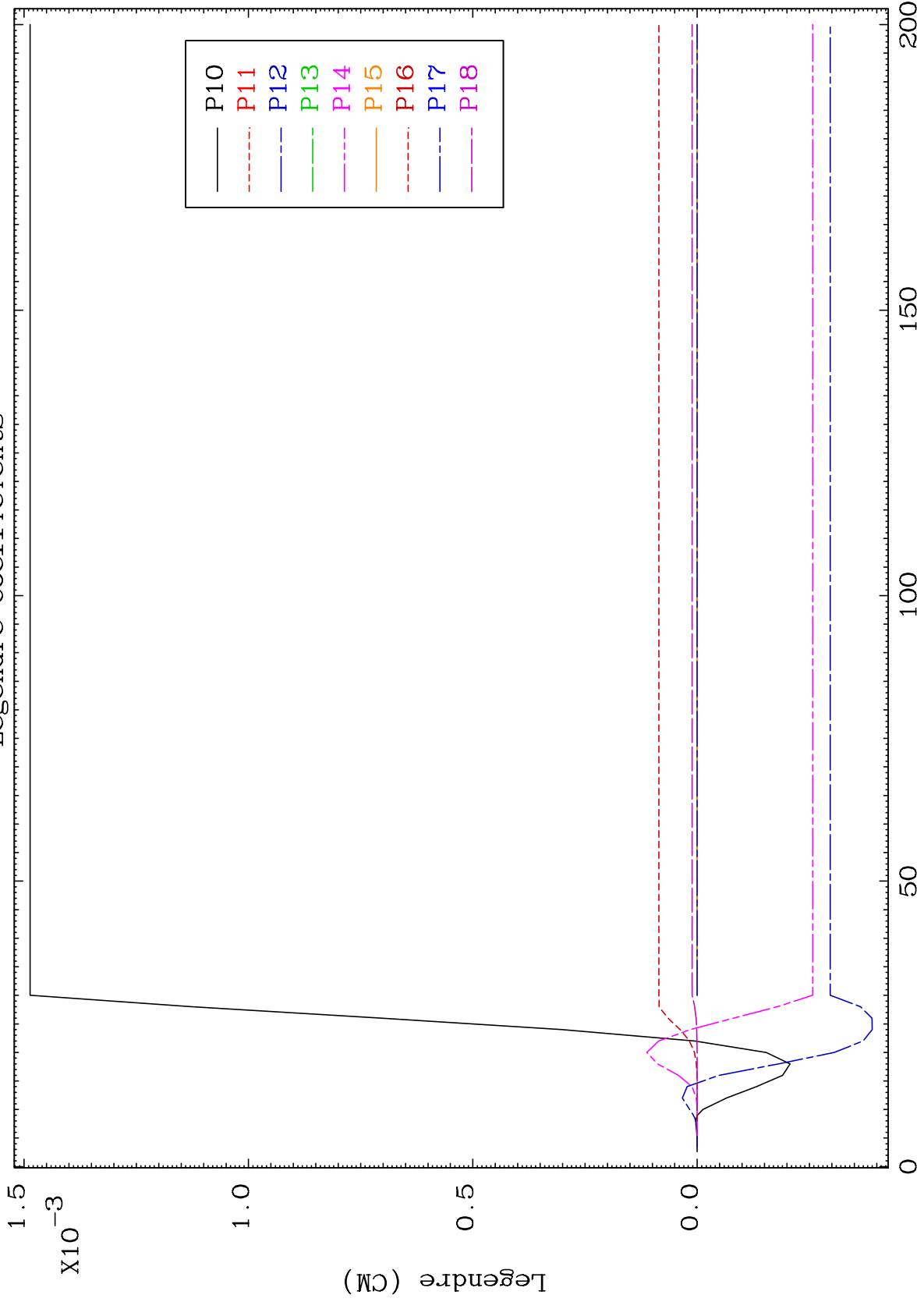
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98

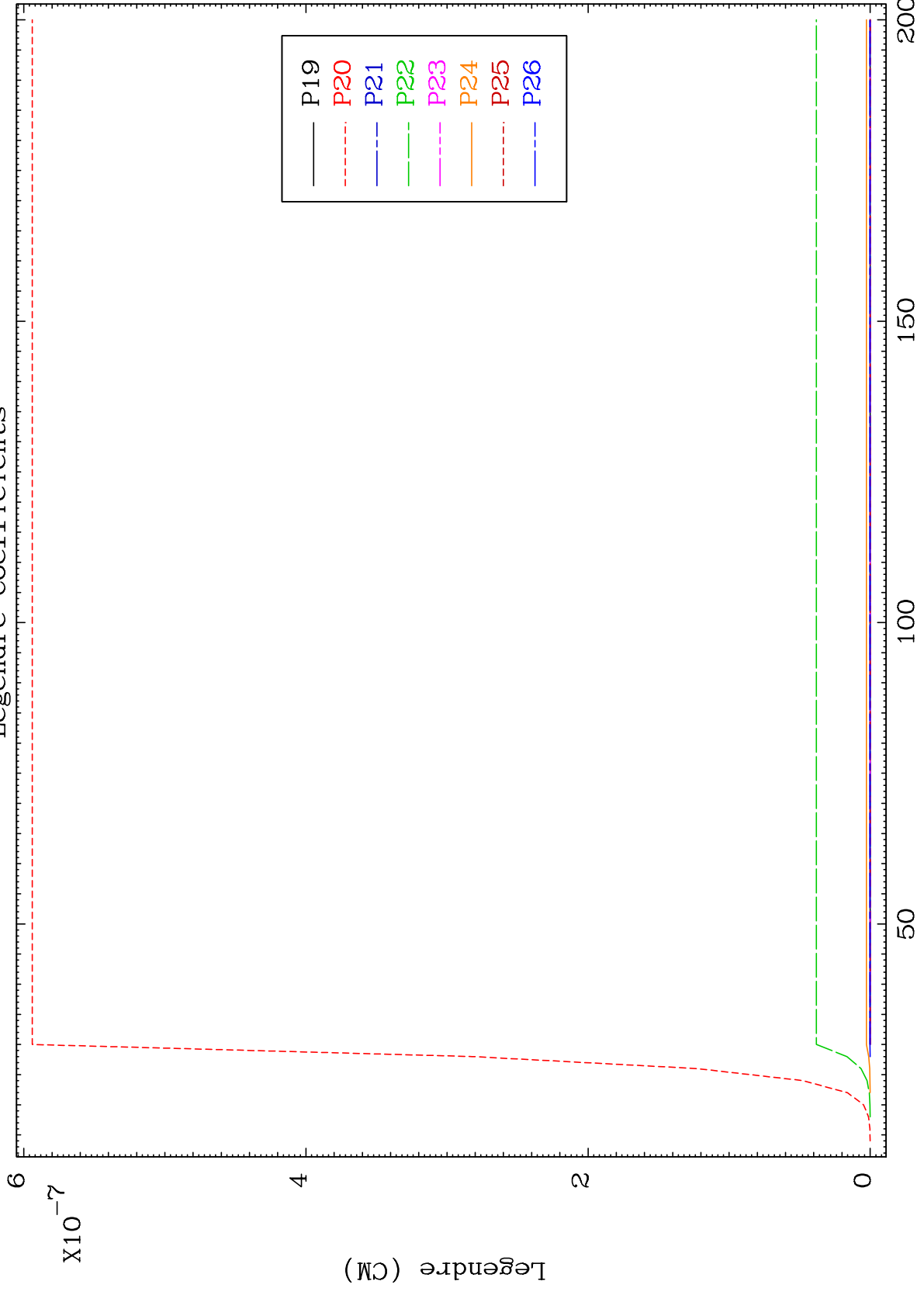


81

Incident Energy (MeV)

44-Ru-98

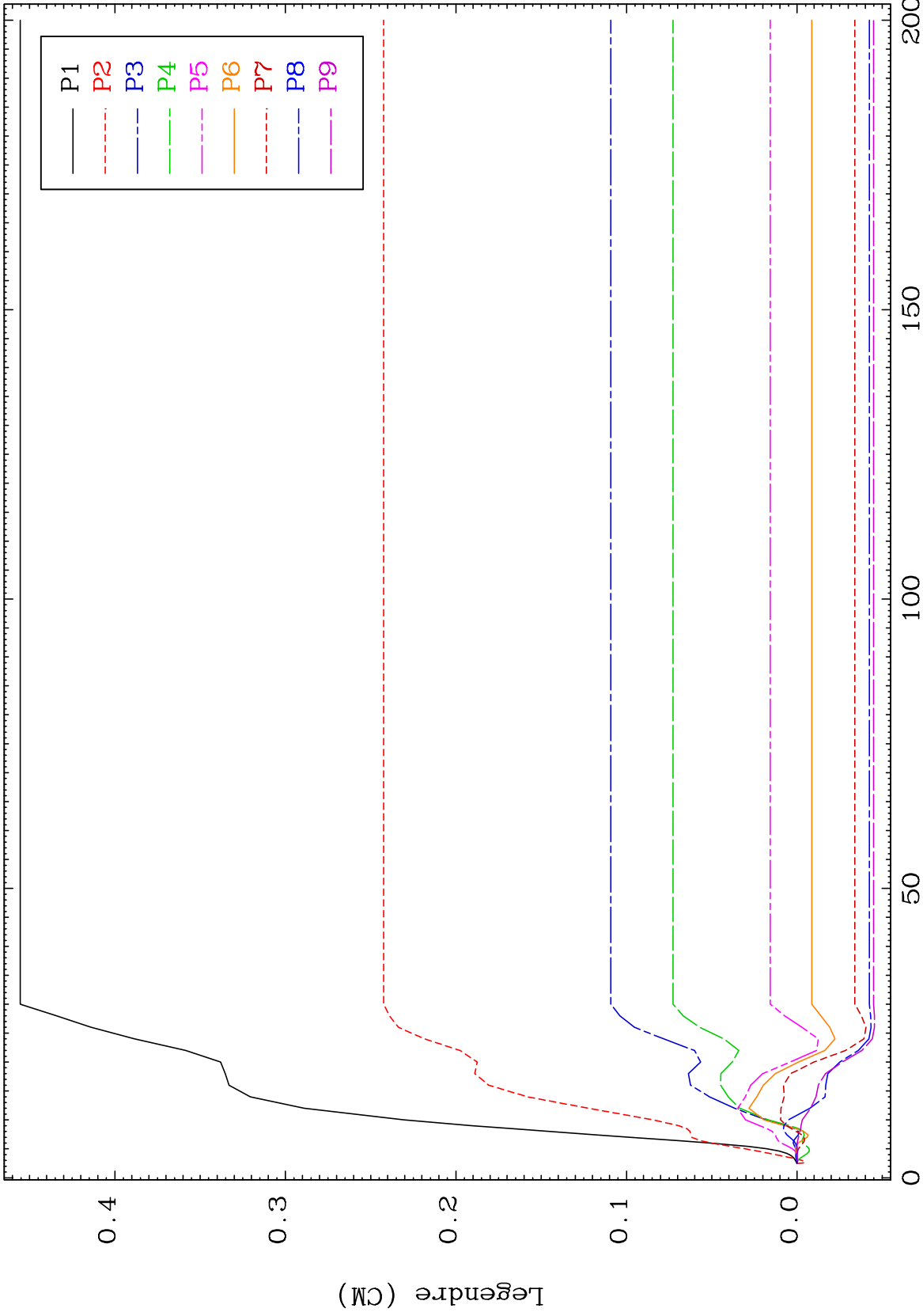
MAT 4431 MT= 67 (n,n') Level Legendre Coefficients 44-Ru-98



MAT 4431

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

44-Ru-98



83

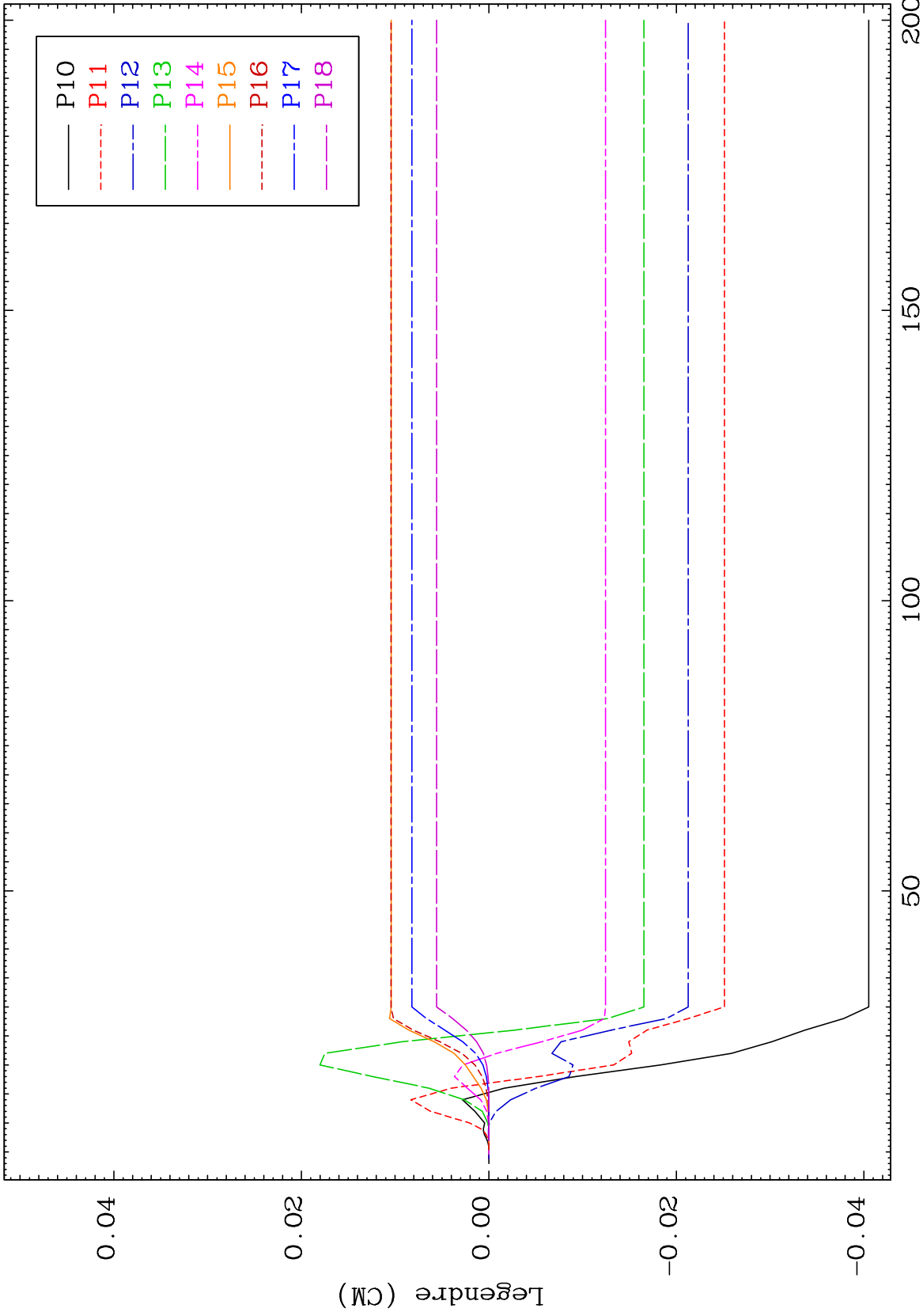
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98

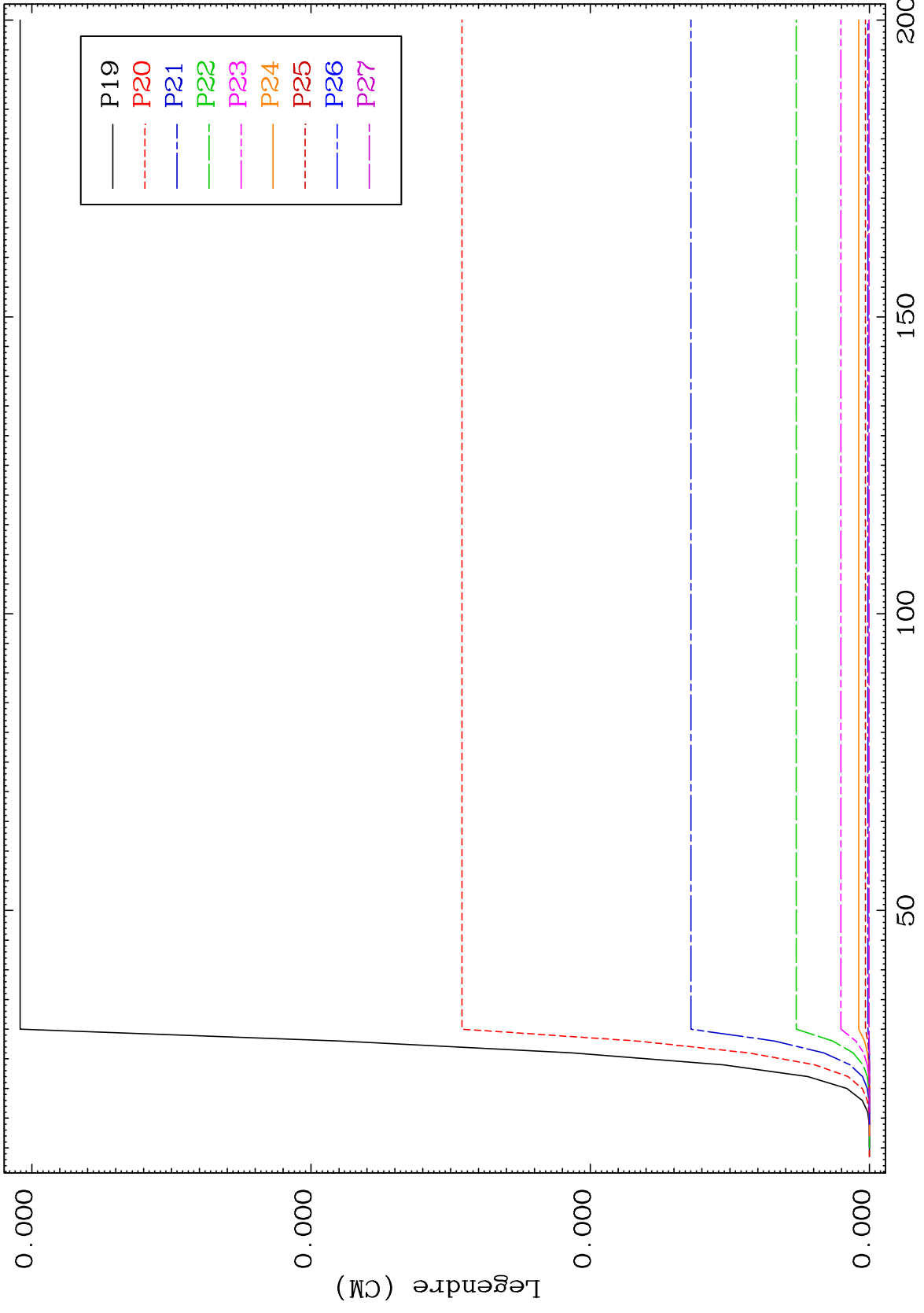


84

Incident Energy (MeV)

44-Ru-98

MAT 4431 MT= 68 (n,n') Level Legendre Coefficients 44-Ru-98

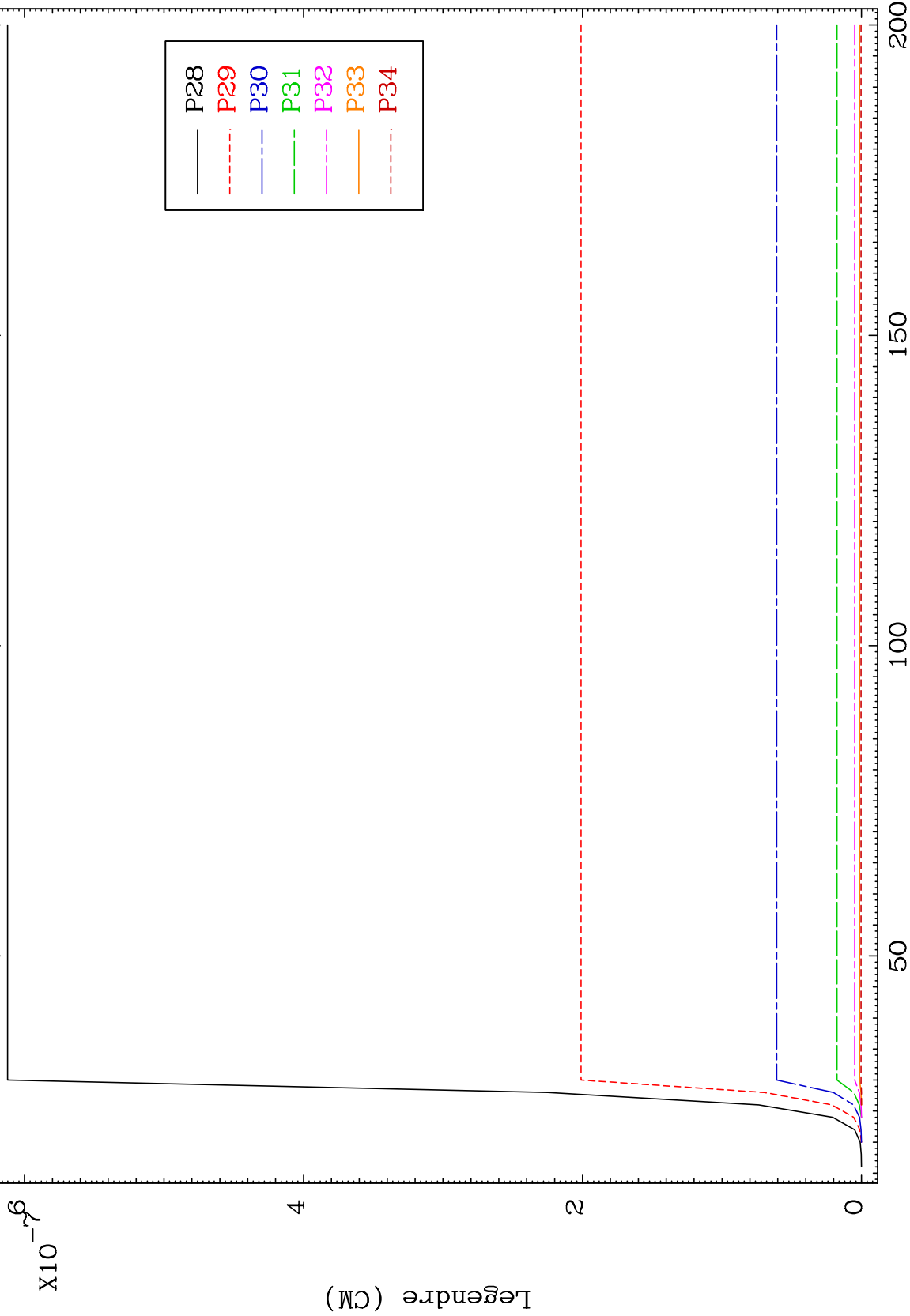


85 Incident Energy (MeV) 44-Ru-98

MAT 4431

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

44-Ru-98



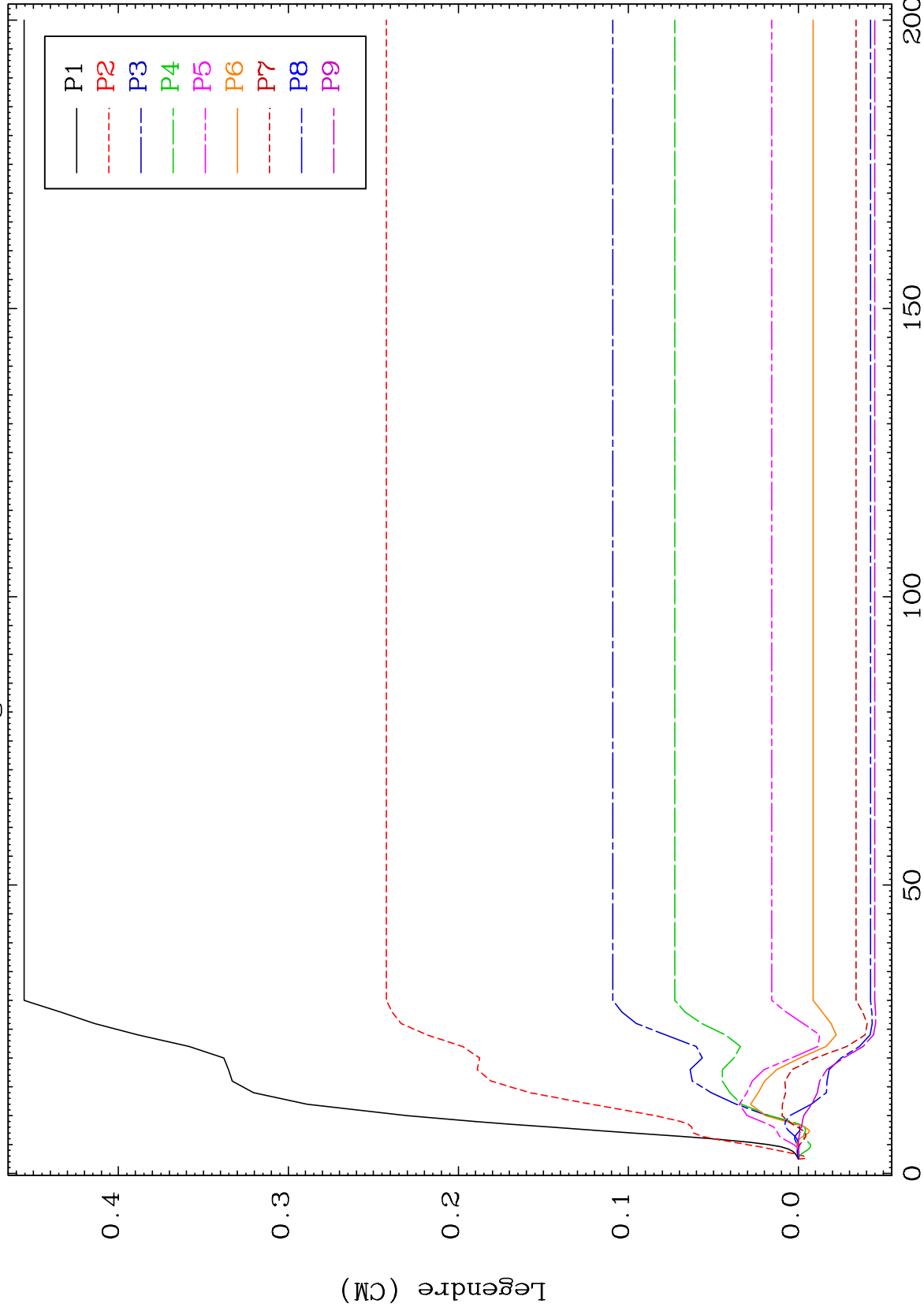
86

44-Ru-98

MAT 4431

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

44-Ru-98



87

Incident Energy (MeV)

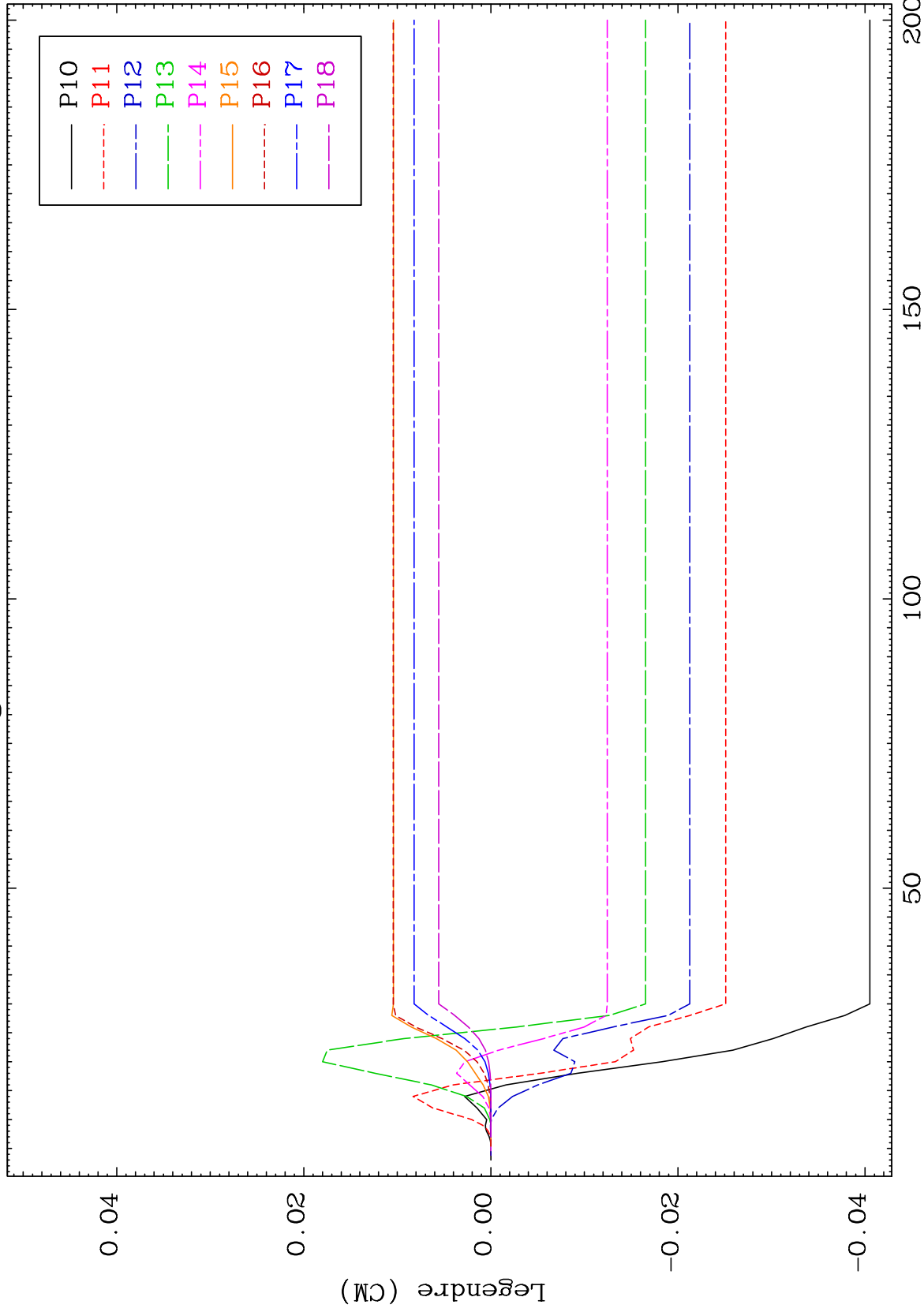
44-Ru-98



MAT 4431

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

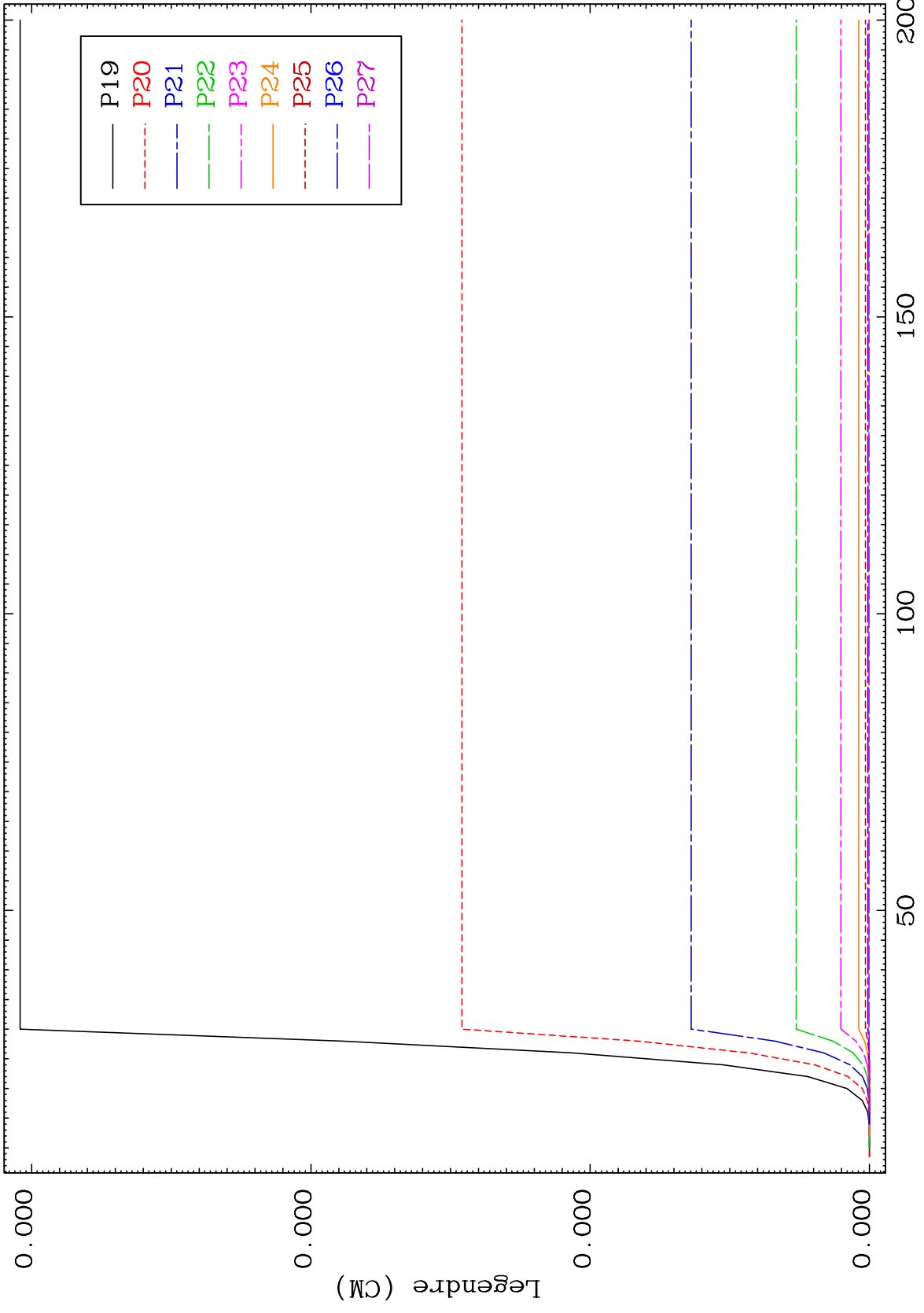
44-Ru-98



88

Incident Energy (MeV)

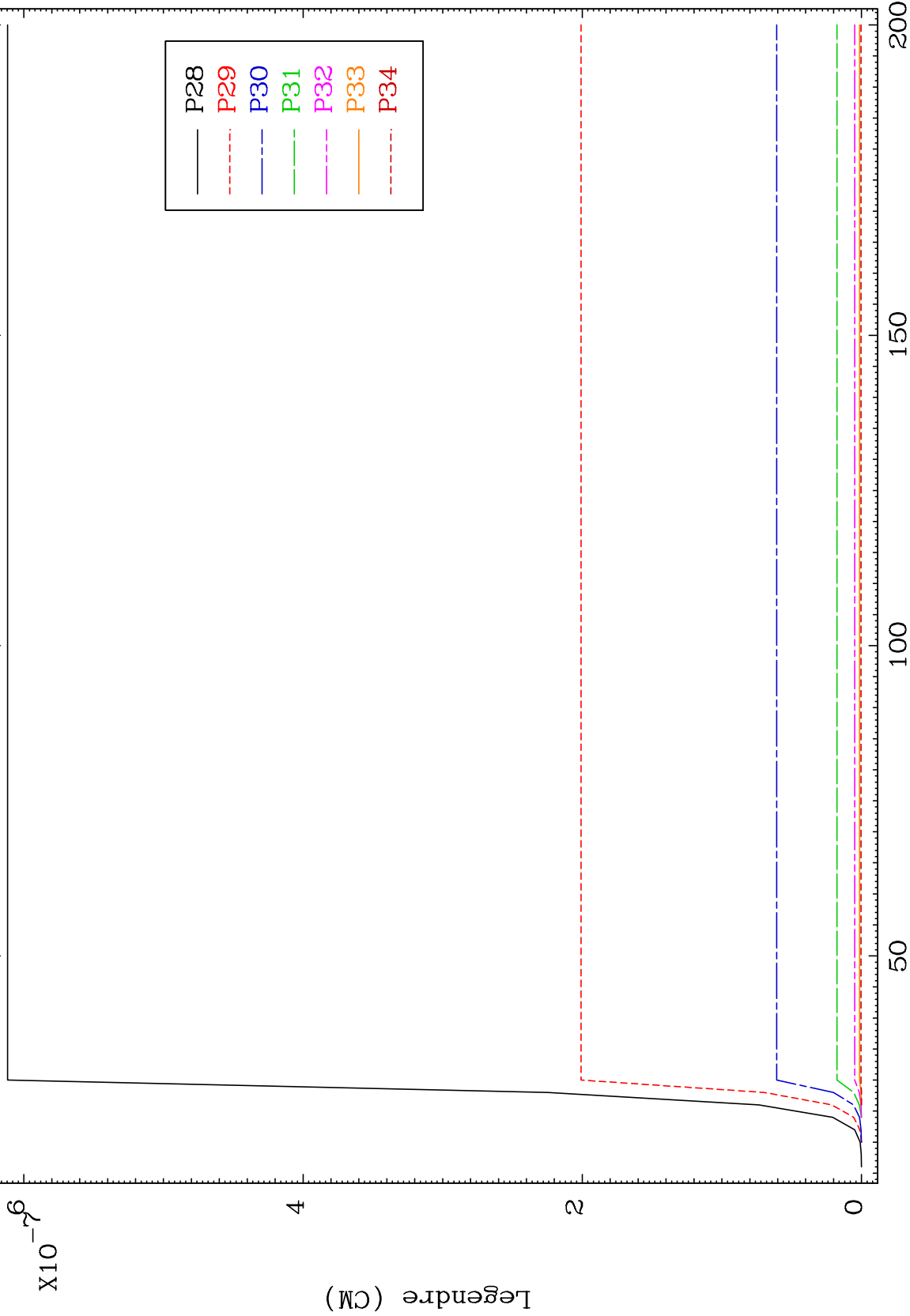
44-Ru-98



MAT 4431

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

44-Ru-98



90

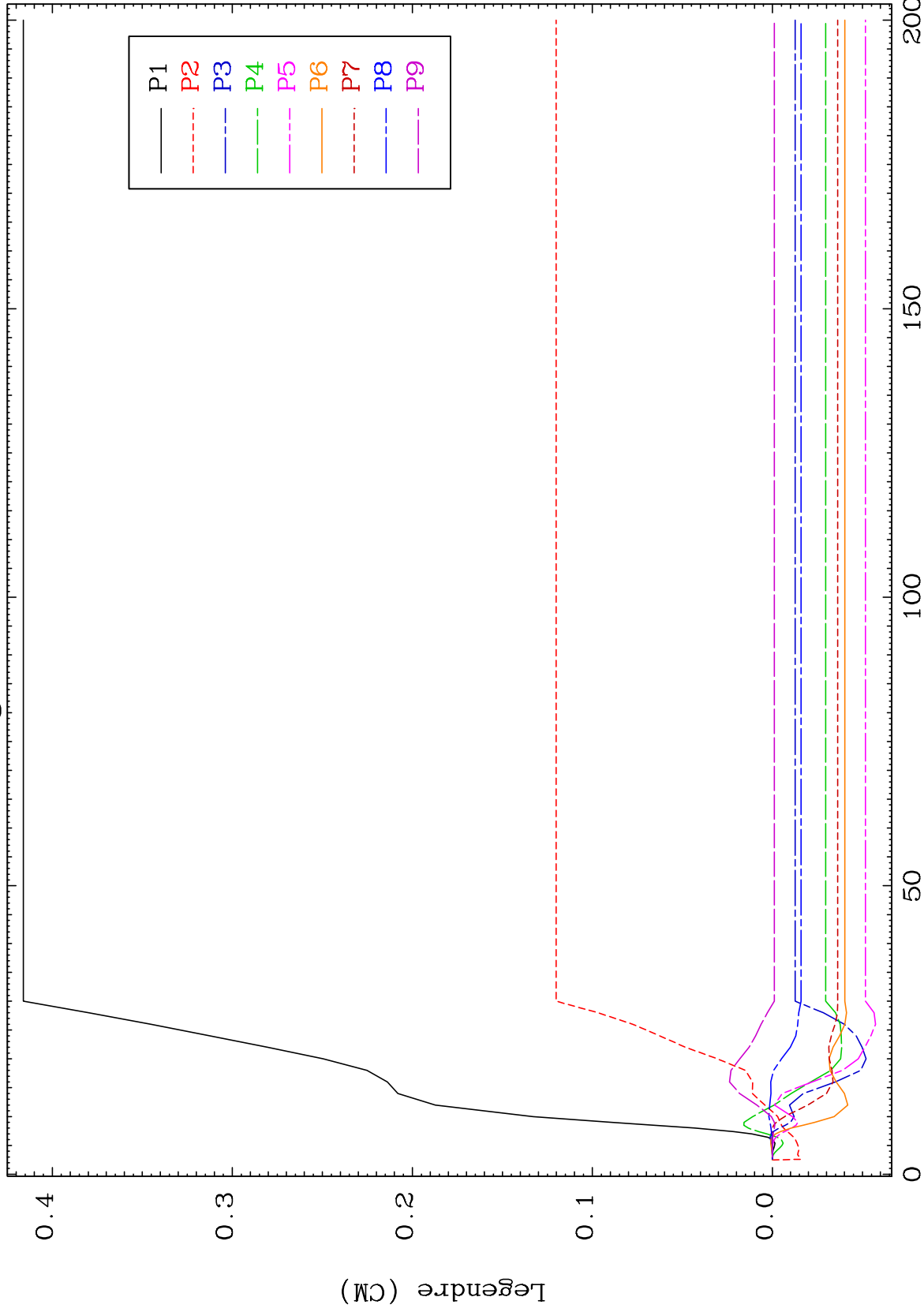
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



91

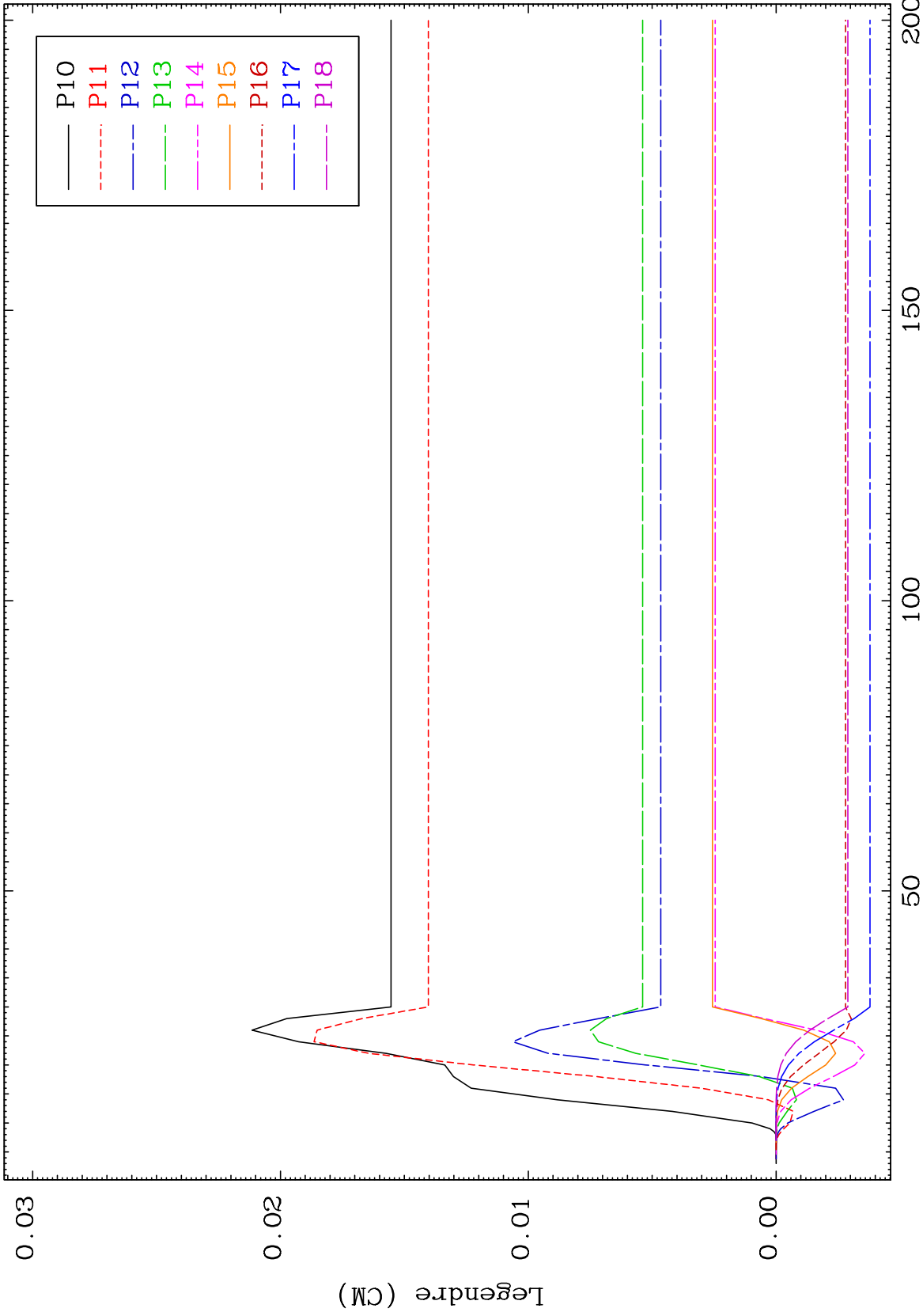
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

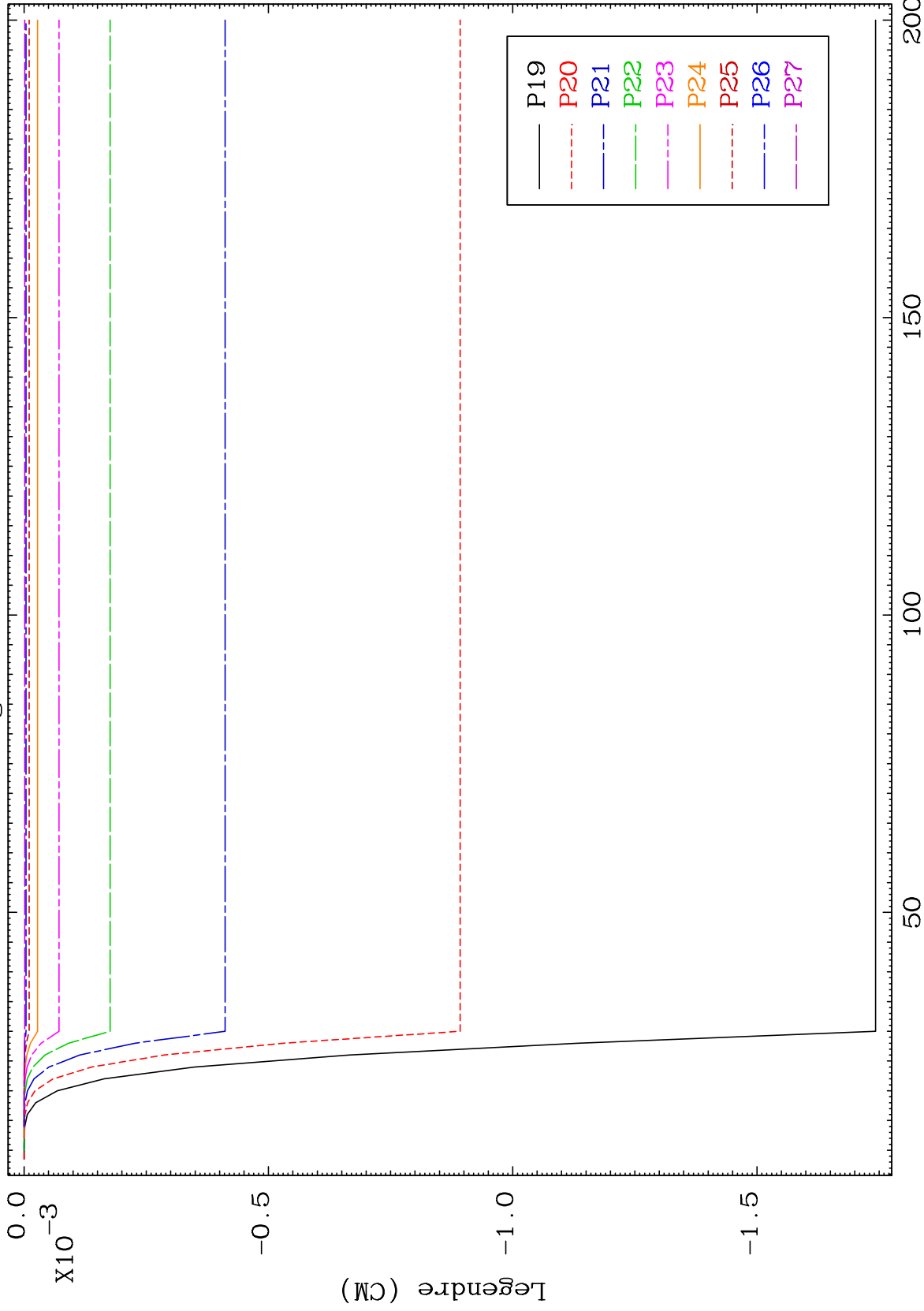
44-Ru-98



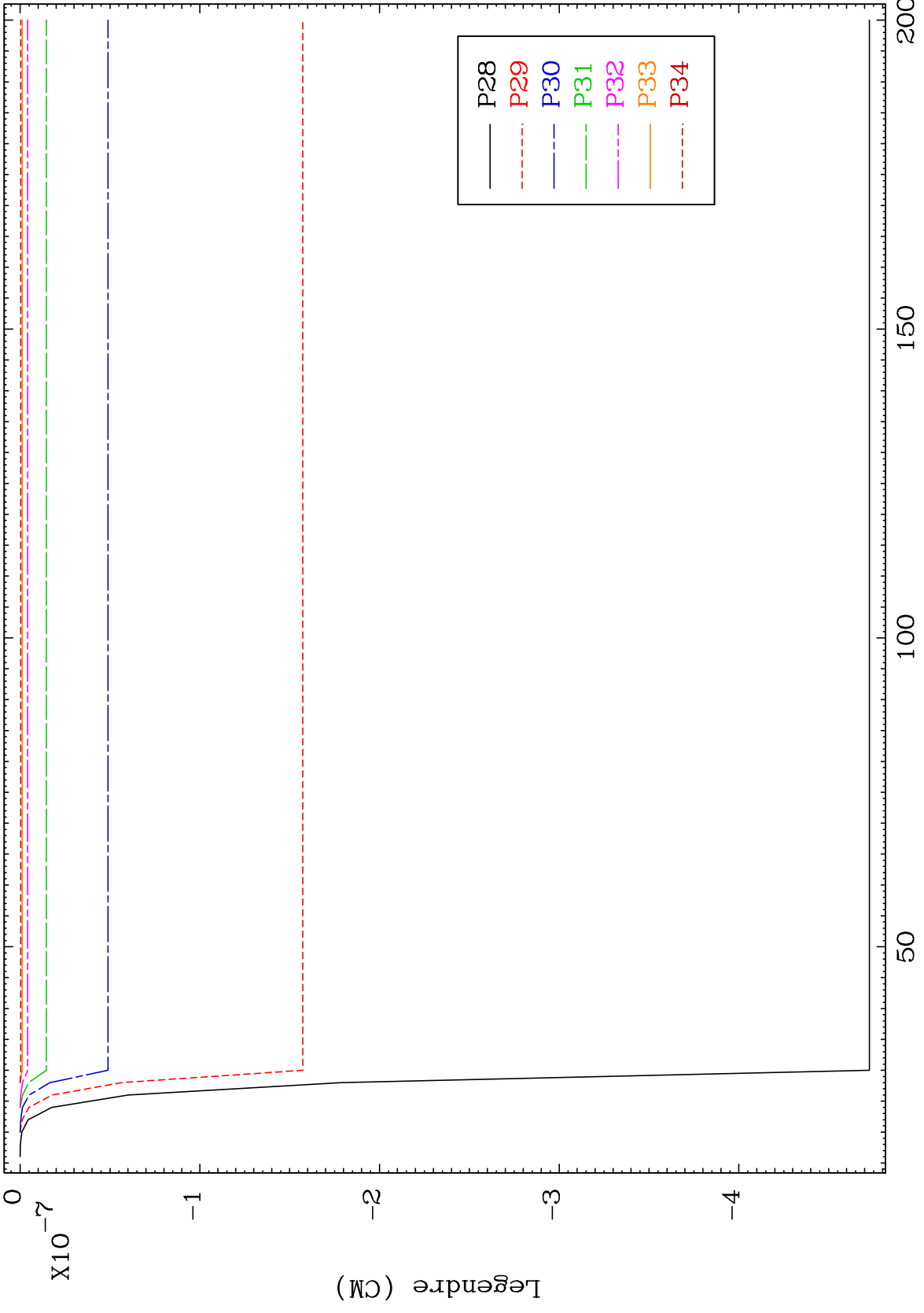
92

Incident Energy (MeV)

44-Ru-98



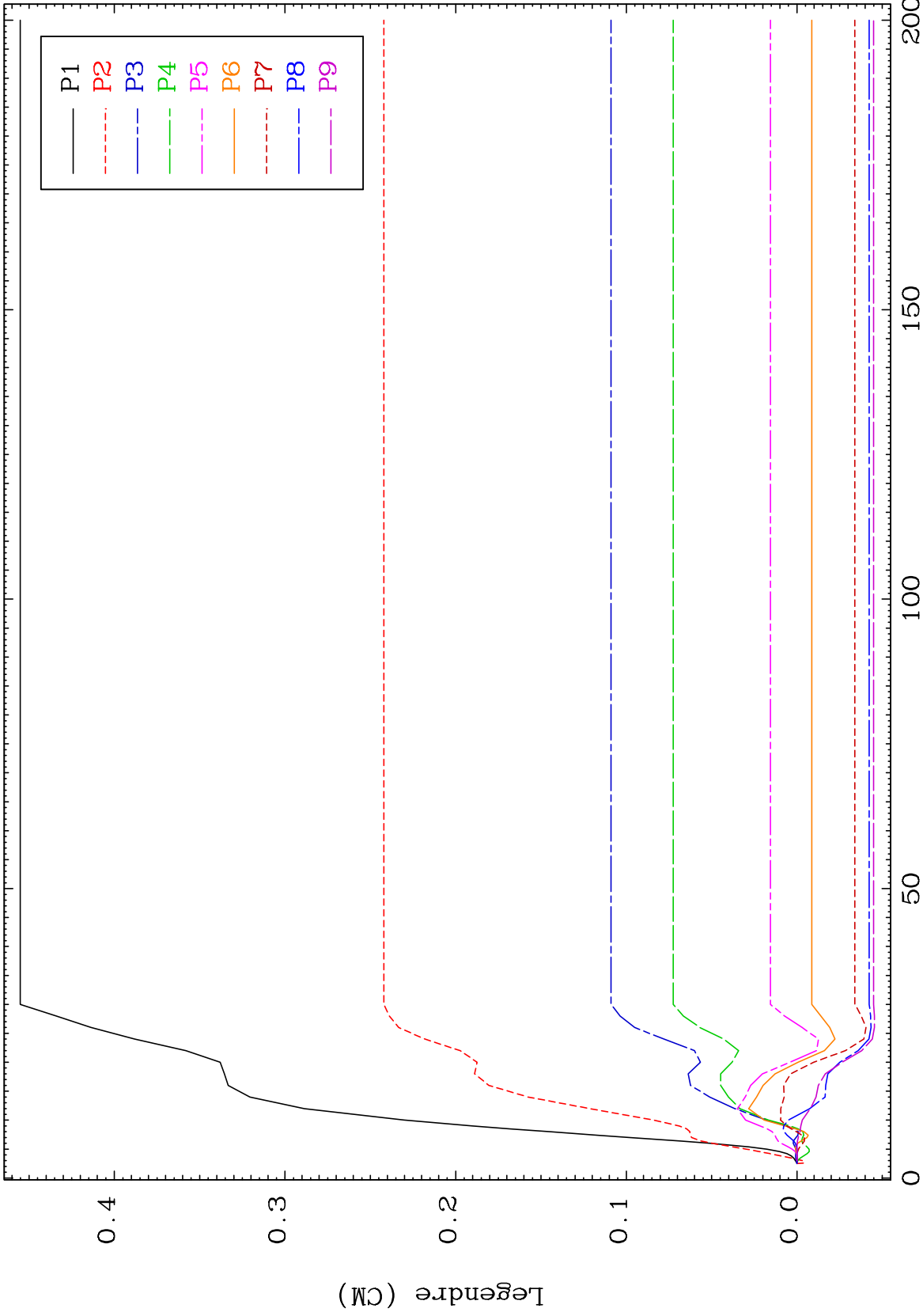
MAT 4431 MT= 70 (n,n') Level Legendre Coefficients 44-Ru-98



MAT 4431

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

44-Ru-98



95

Incident Energy (MeV)

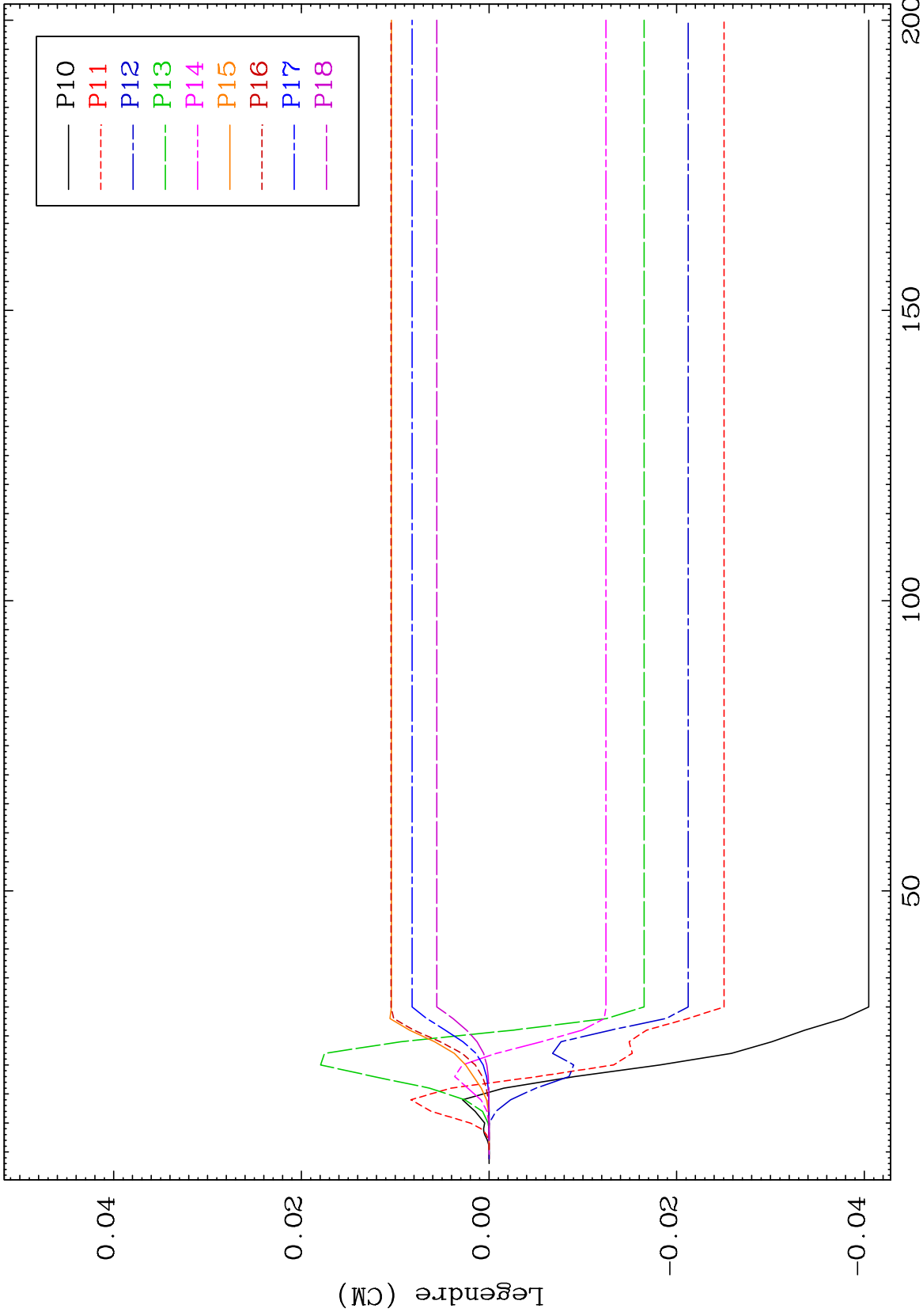
44-Ru-98



MAT 4431

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

44-Ru-98



96

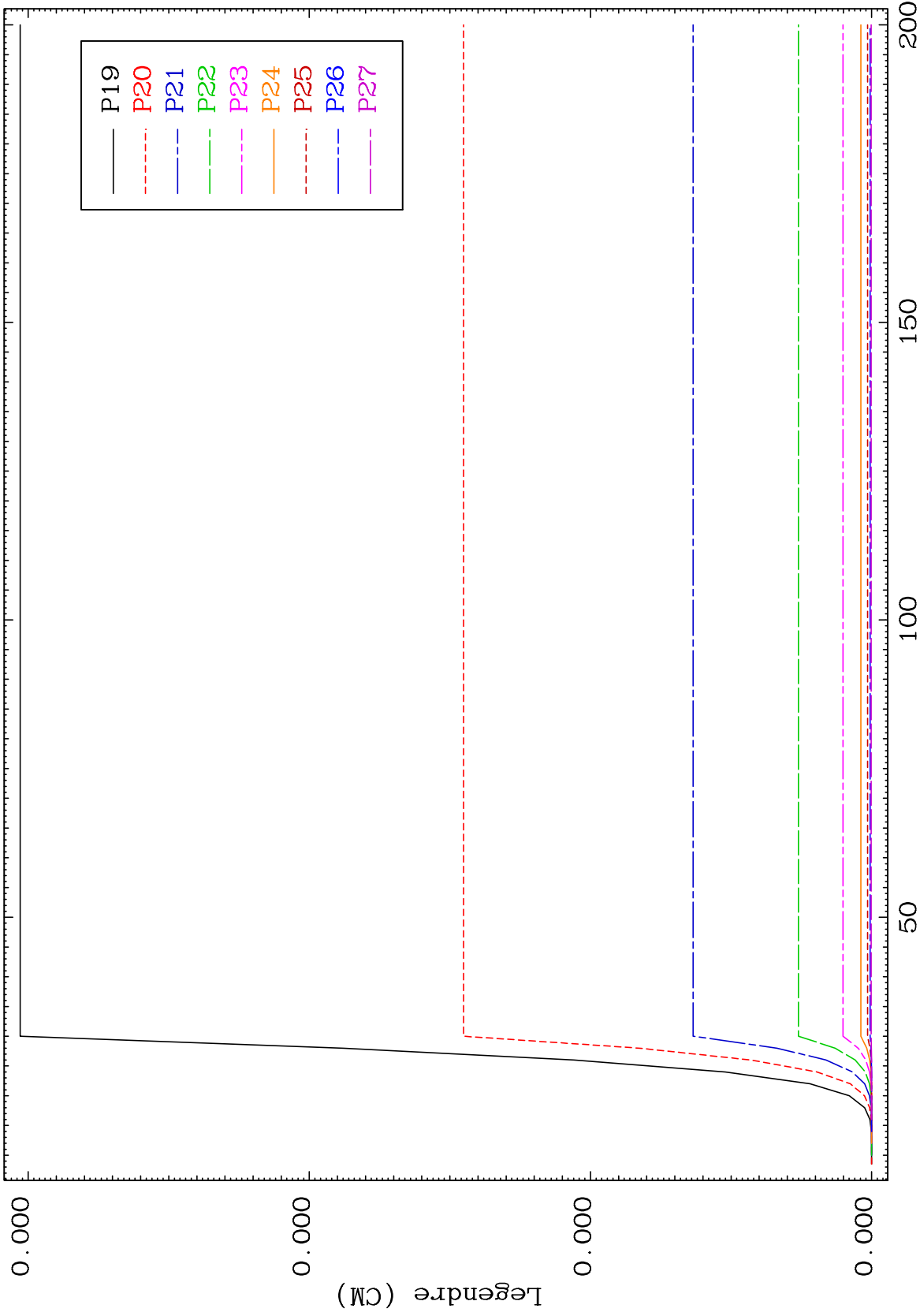
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



97

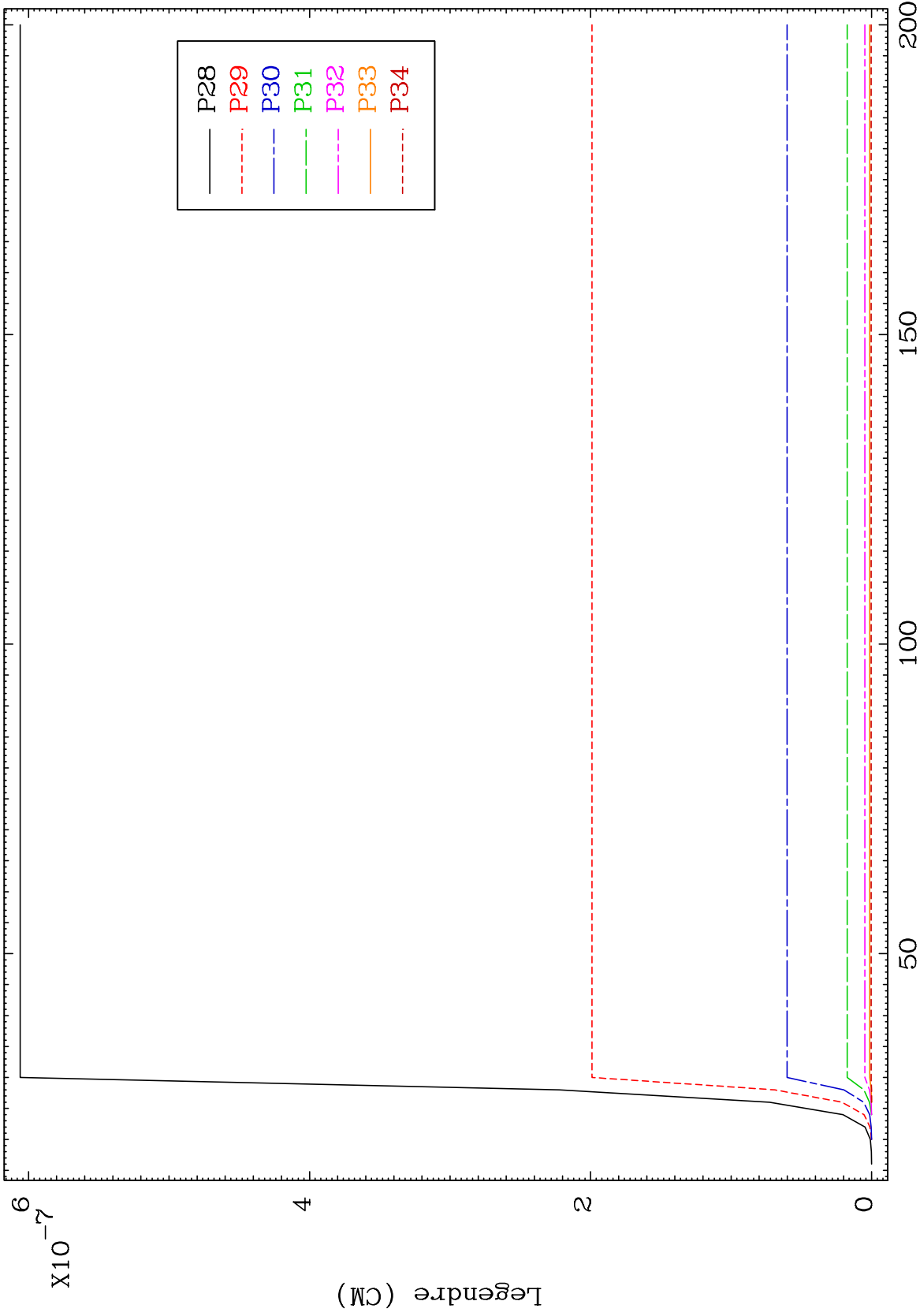
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



98

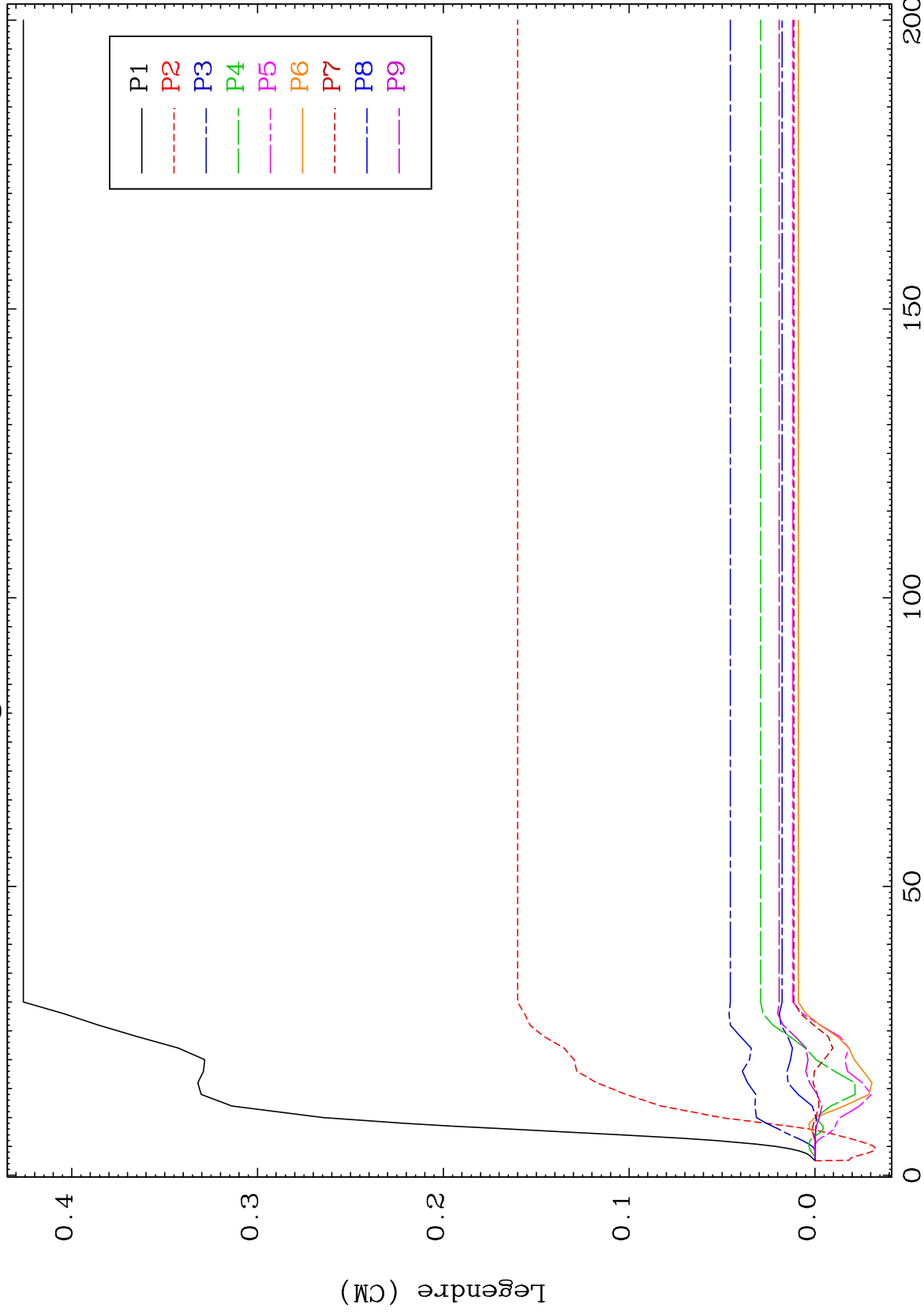
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



99

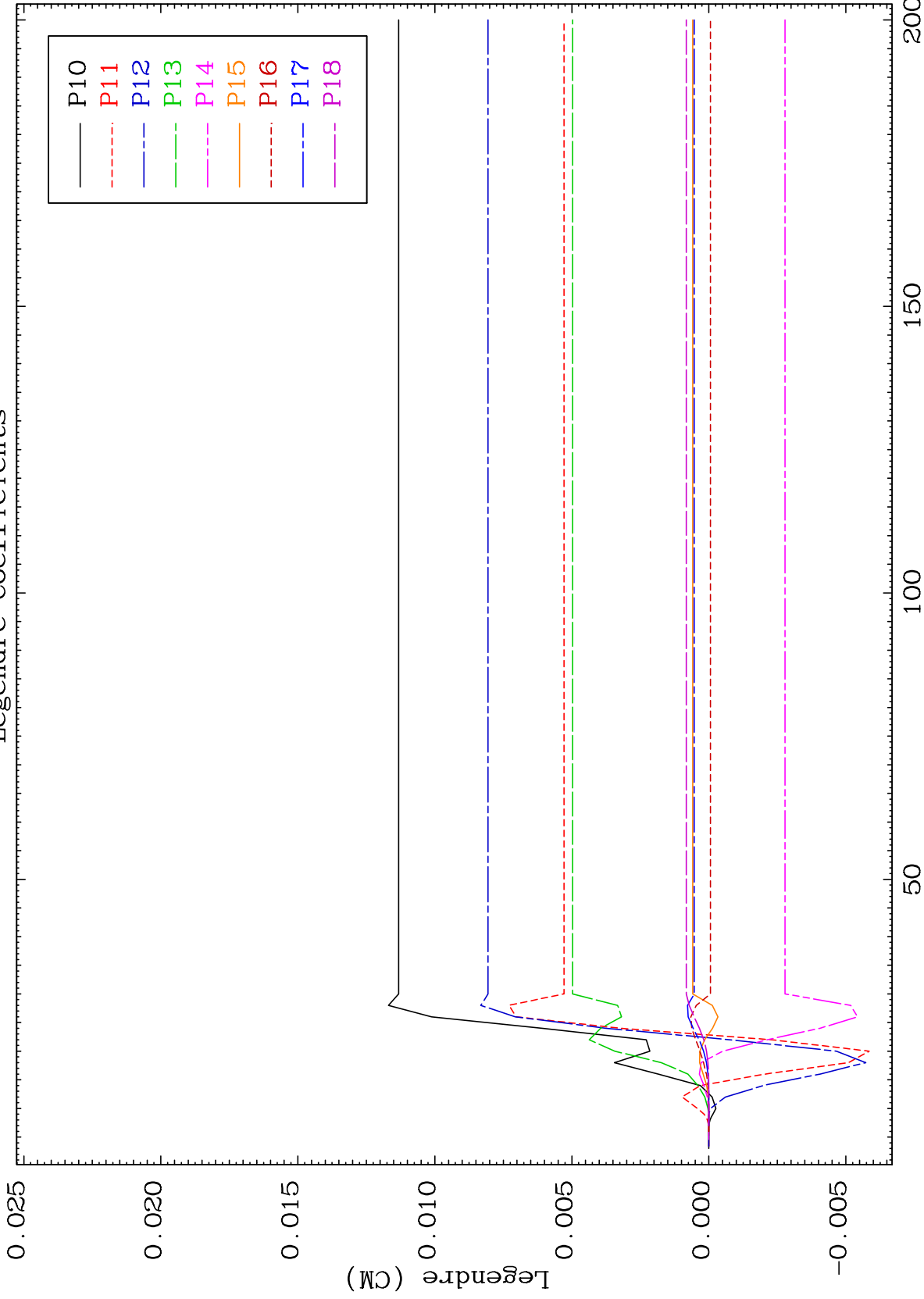
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



44-Ru-98

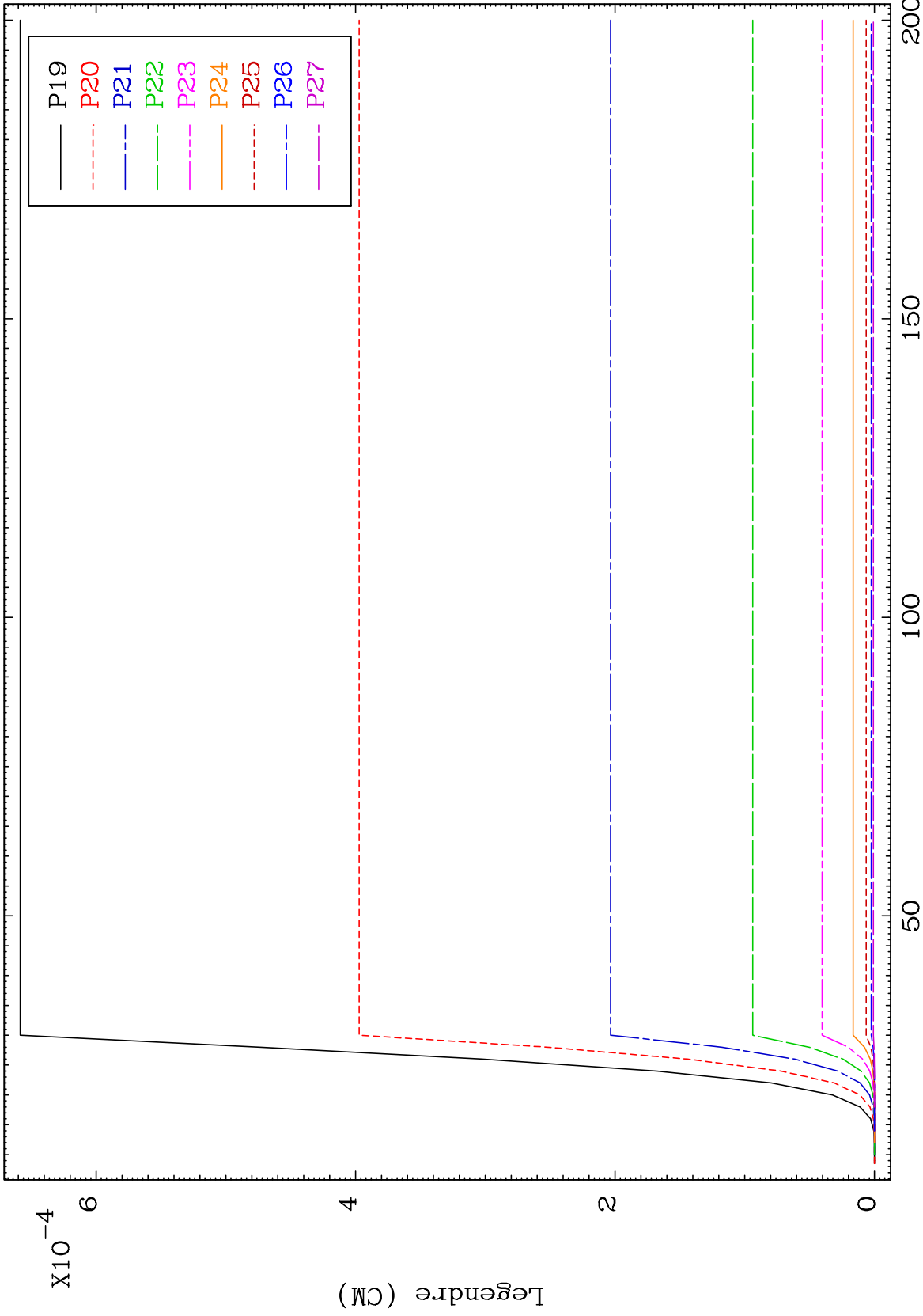
Incident Energy (MeV)

100

MAT 4431

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

44-Ru-98



101

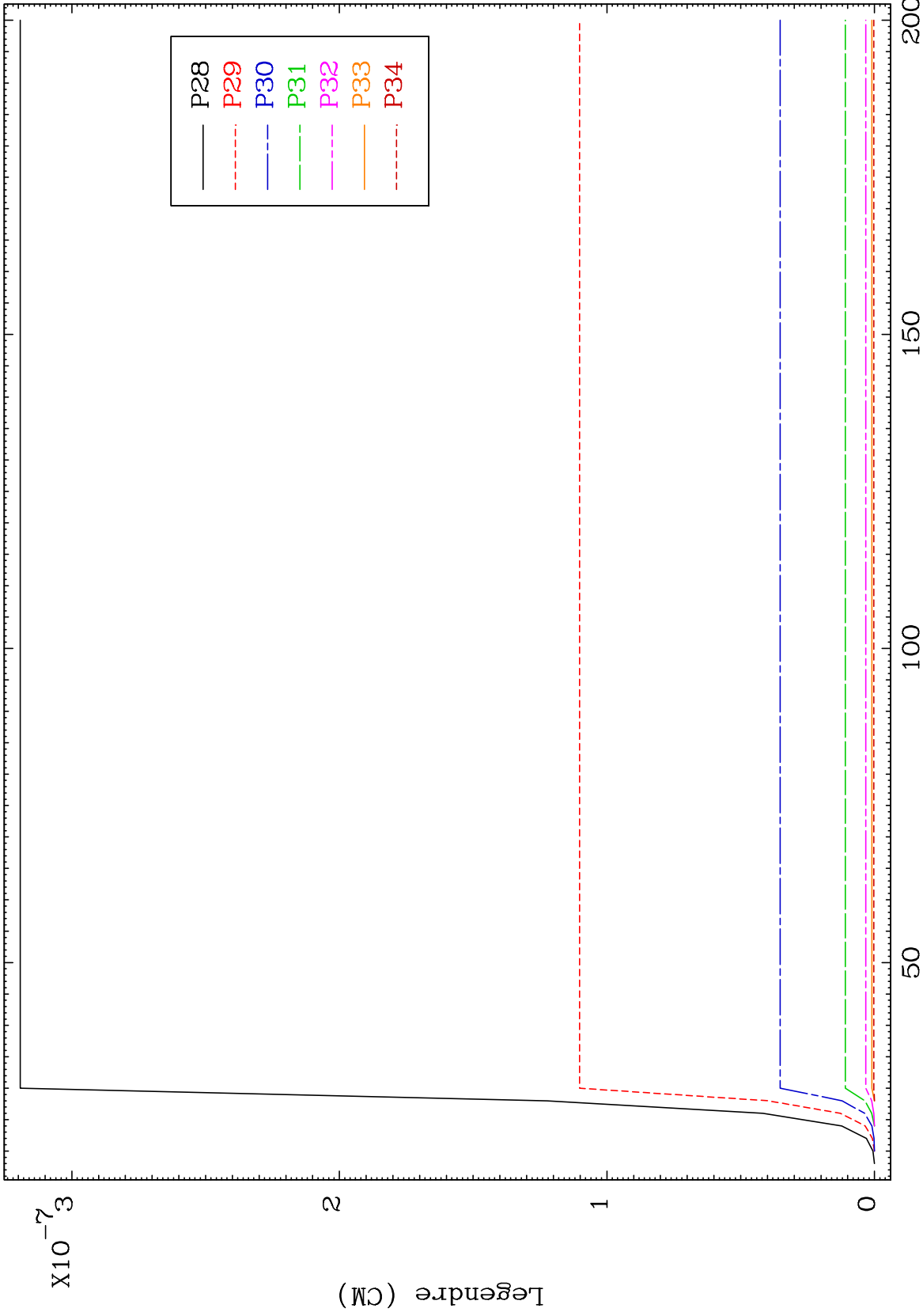
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



102

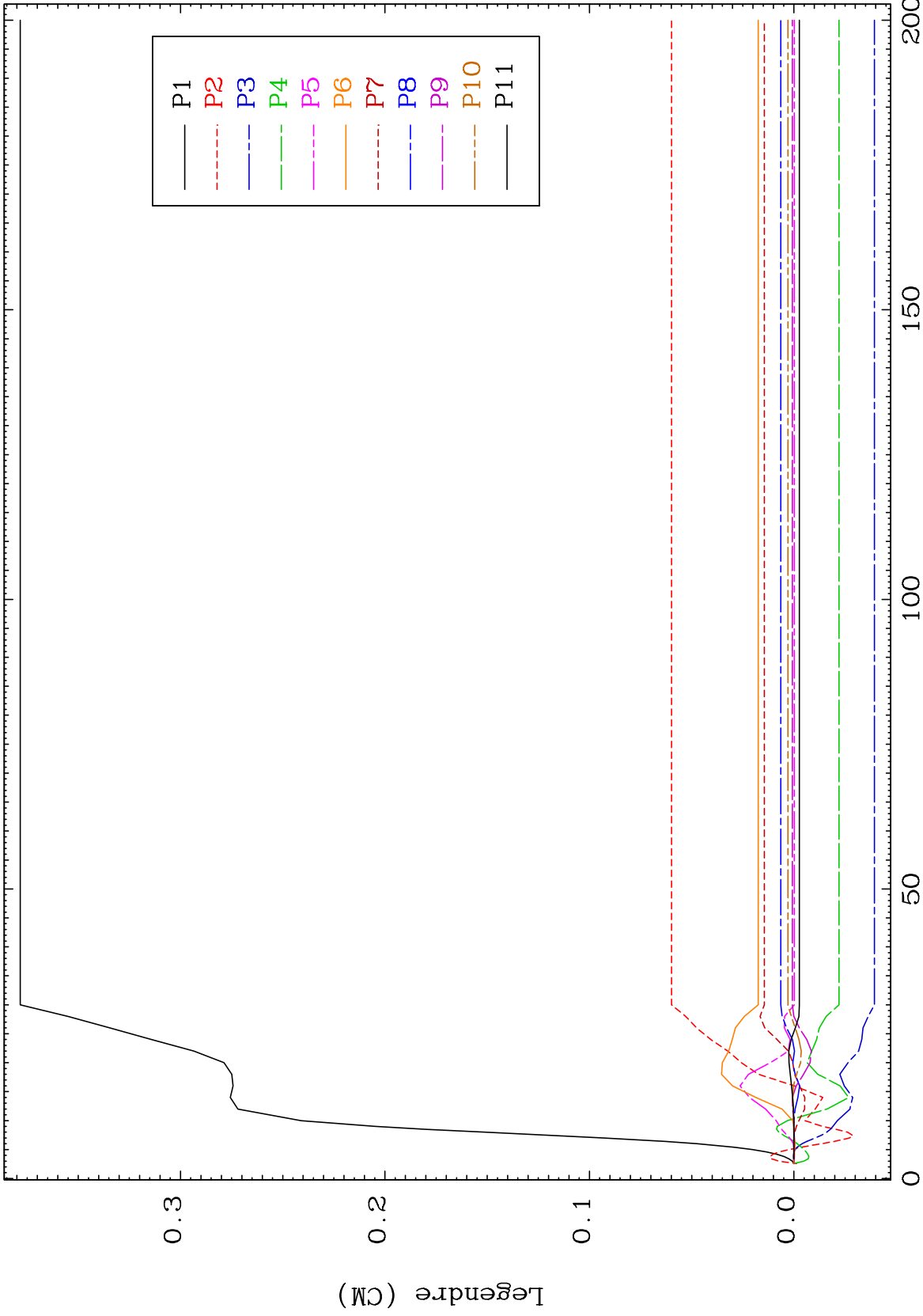
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



103

Incident Energy (MeV)

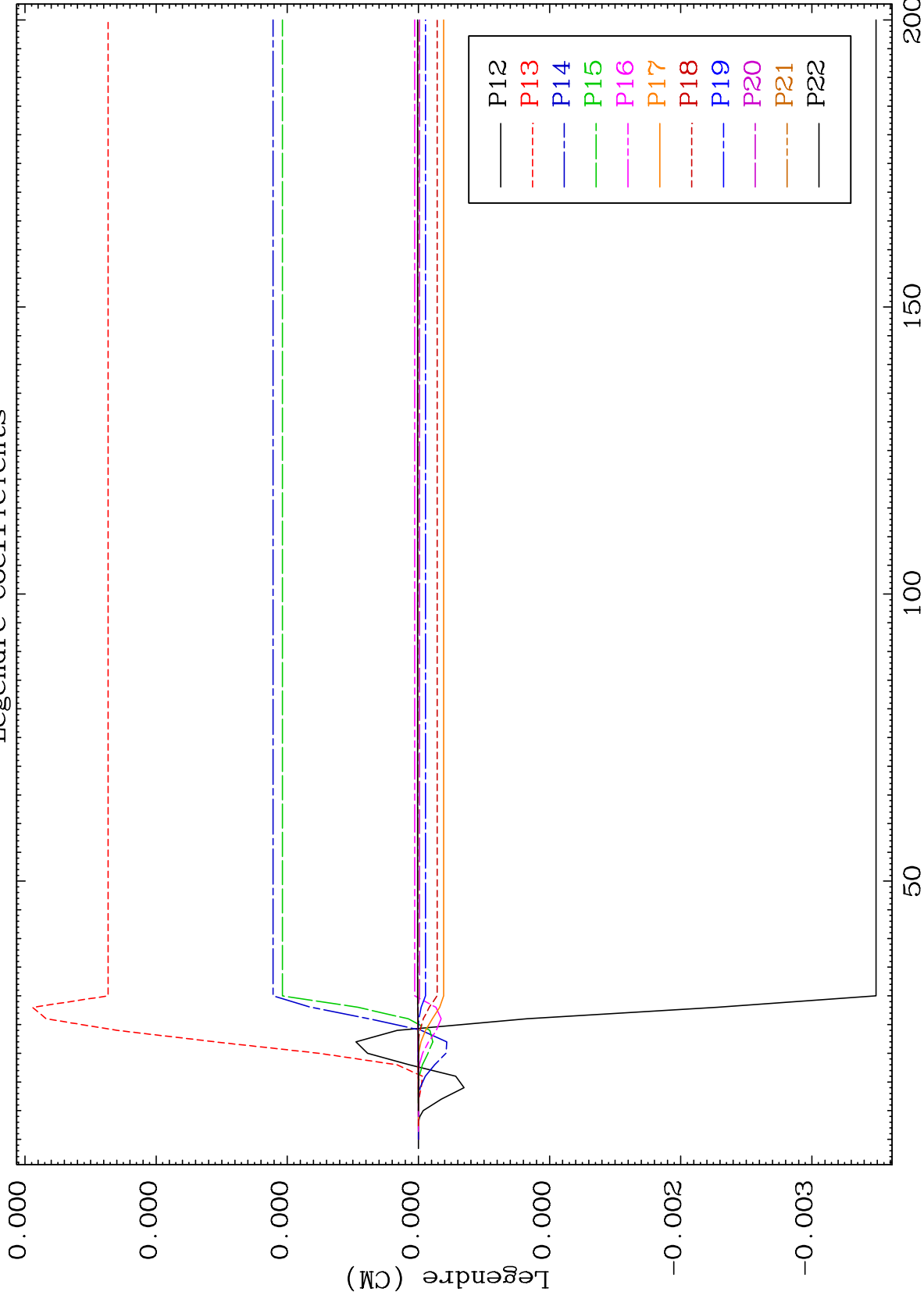
44-Ru-98



MAT 4431

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

44-Ru-98



104

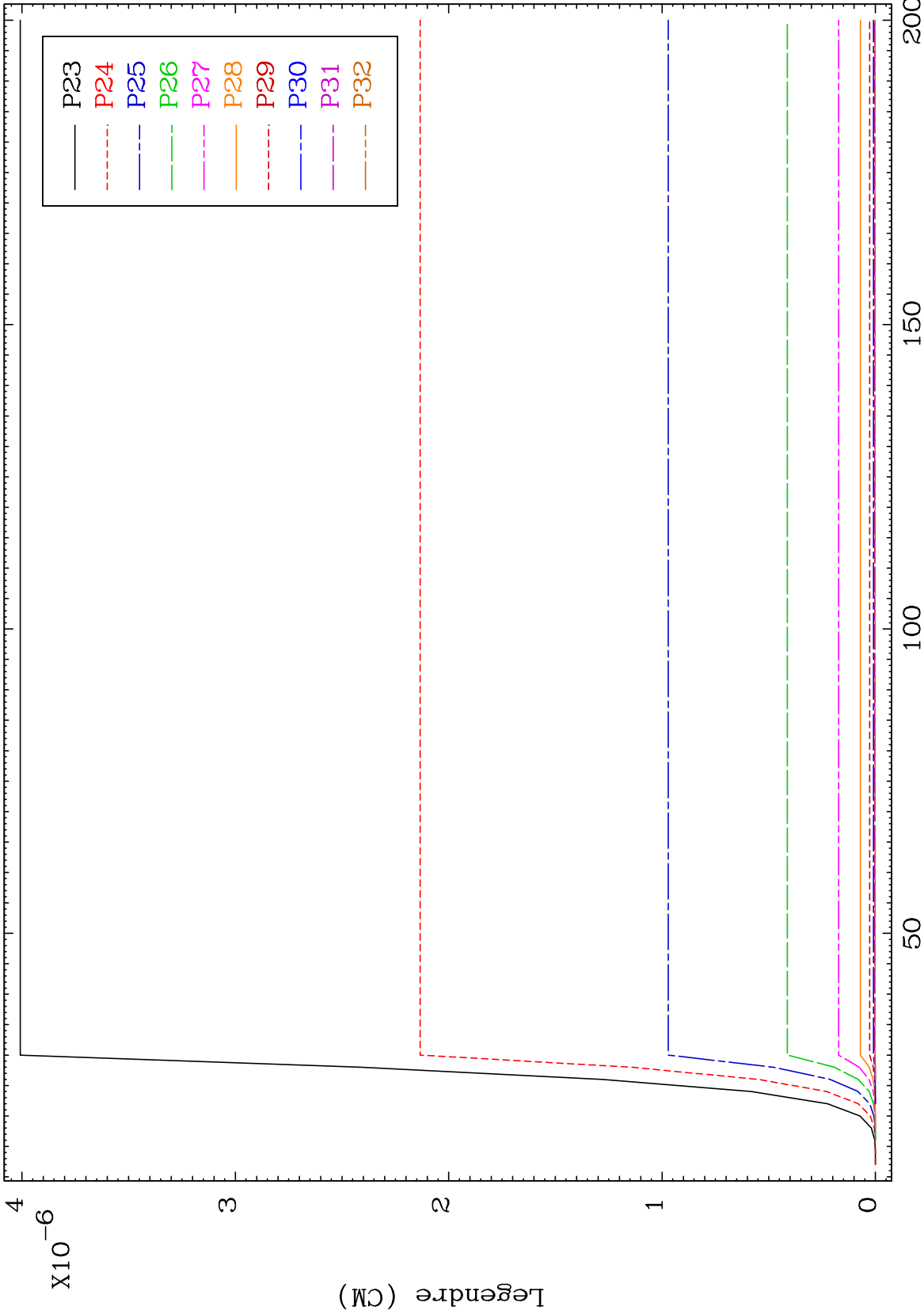
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98

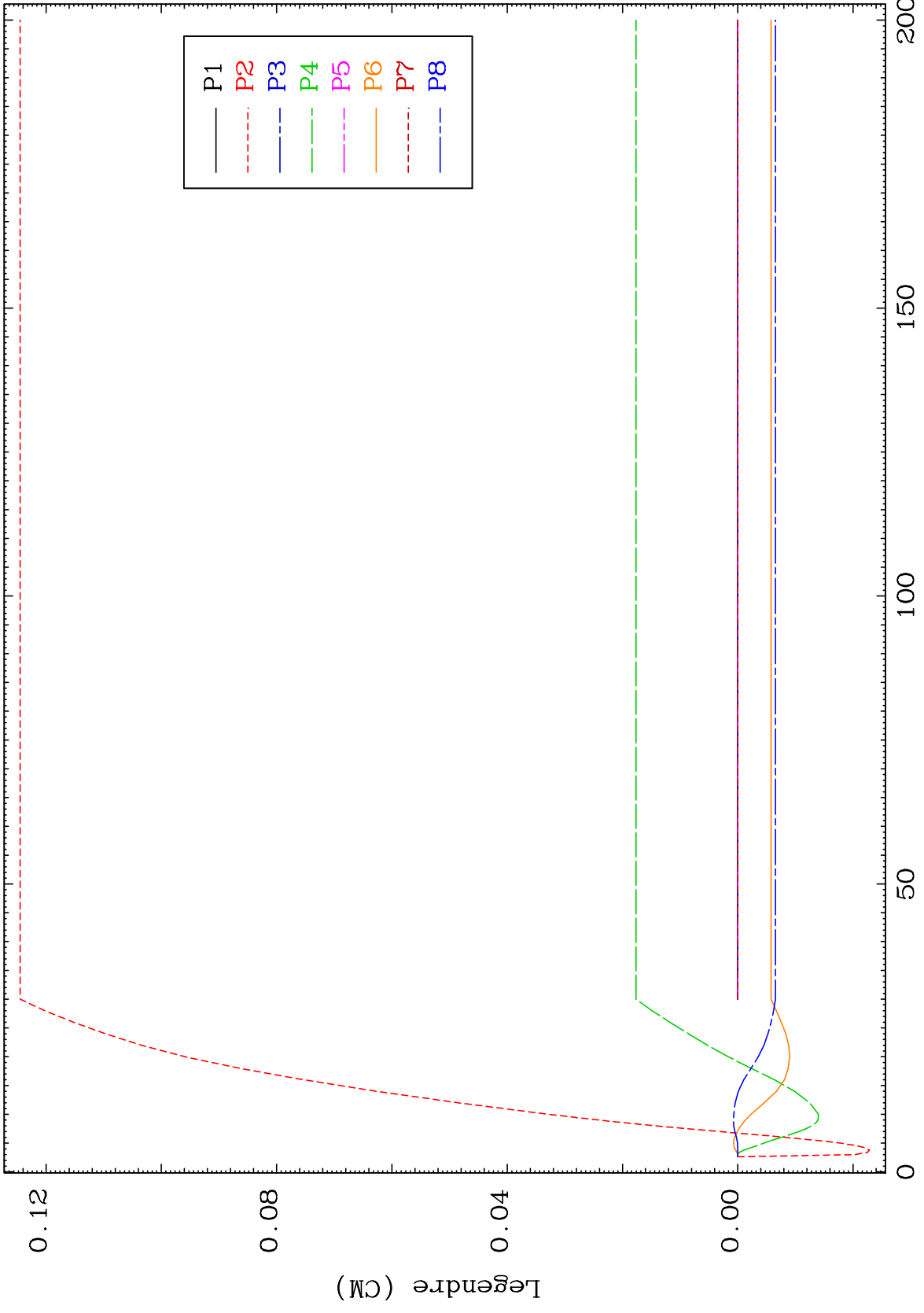


105

Incident Energy (MeV)

44-Ru-98

MAT 4431 MT= 74 (n,n') Level Legendre Coefficients 44-Ru-98

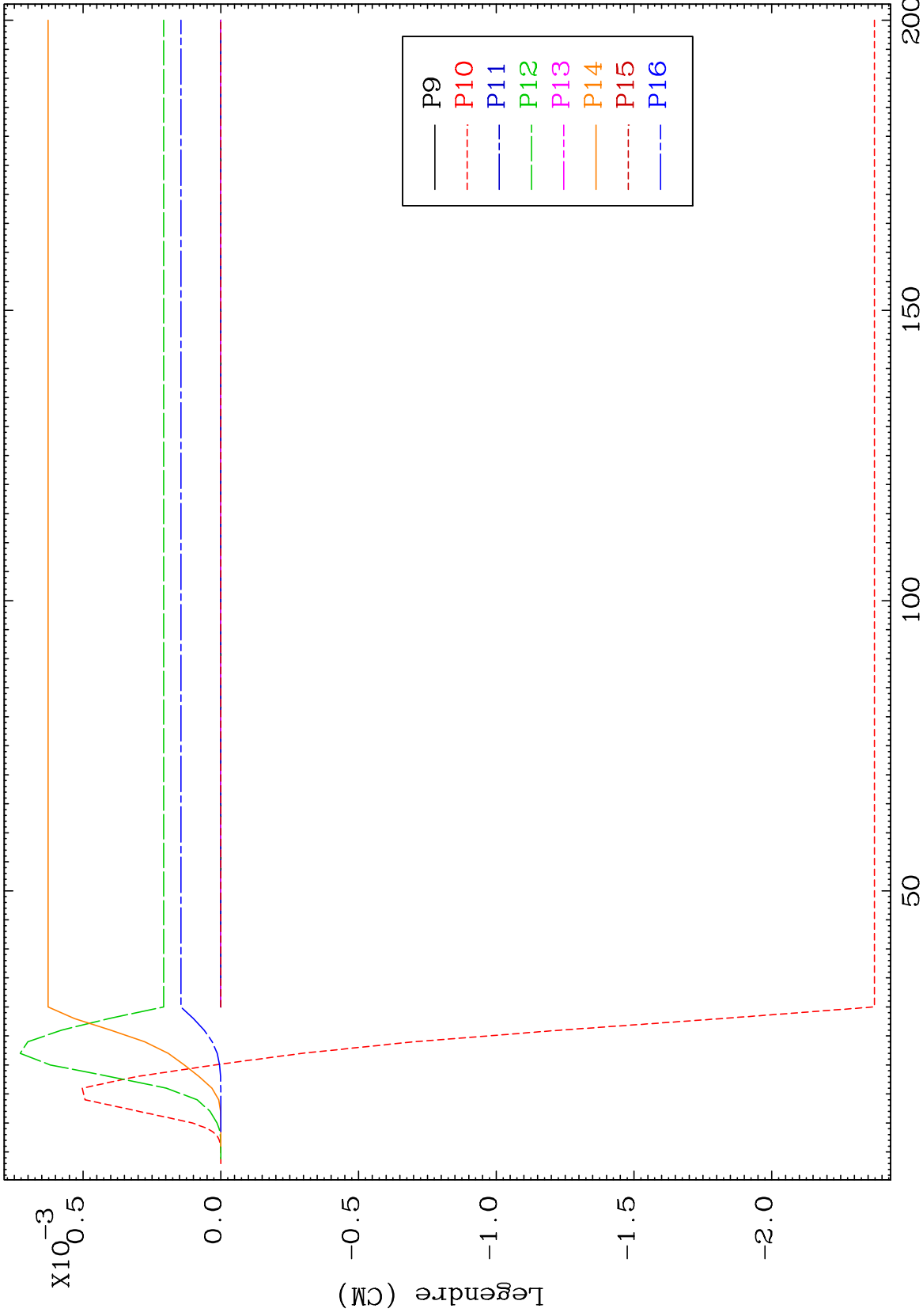


106 44-Ru-98

MAT 4431

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

44-Ru-98

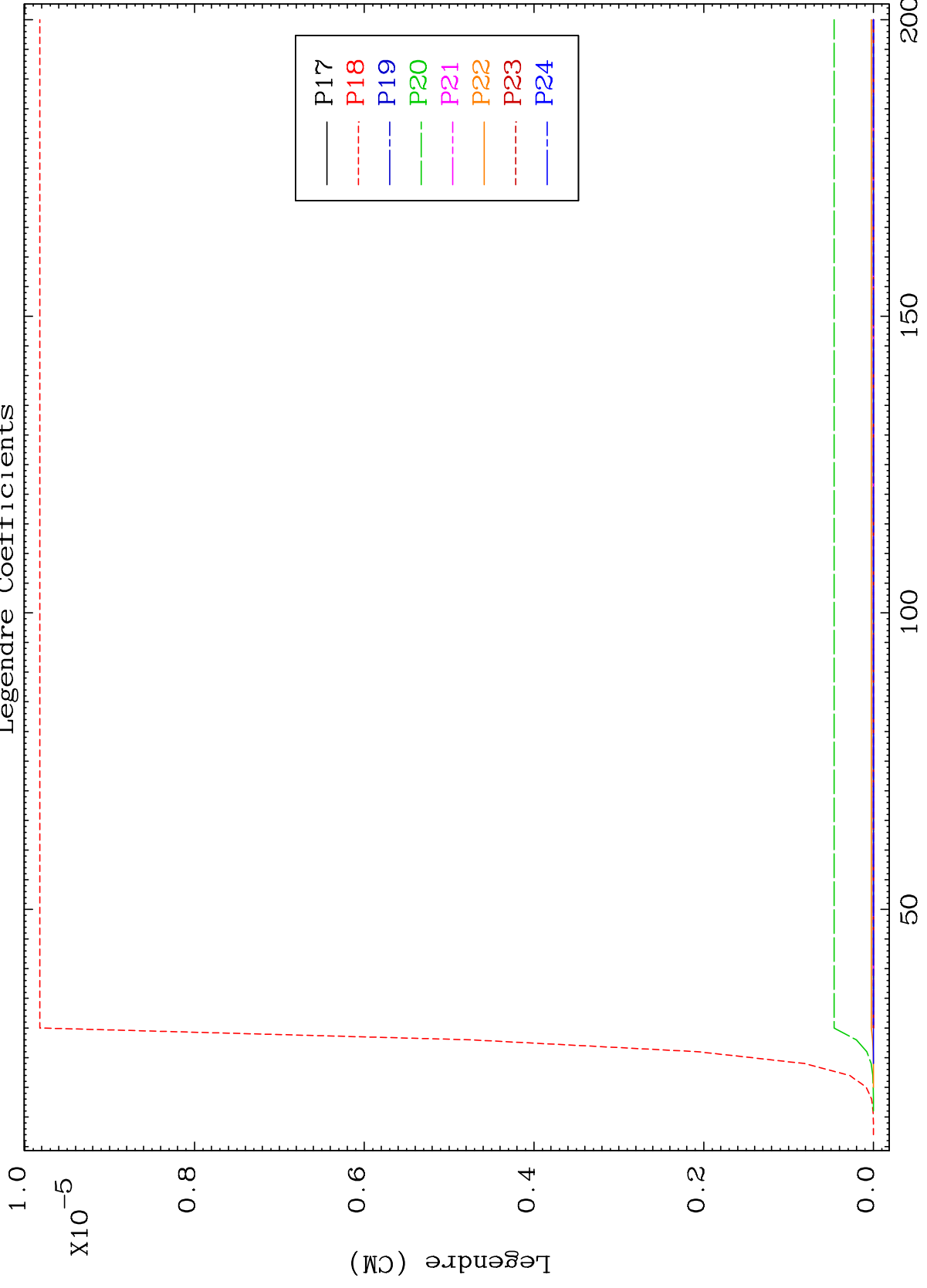


107

Incident Energy (MeV)

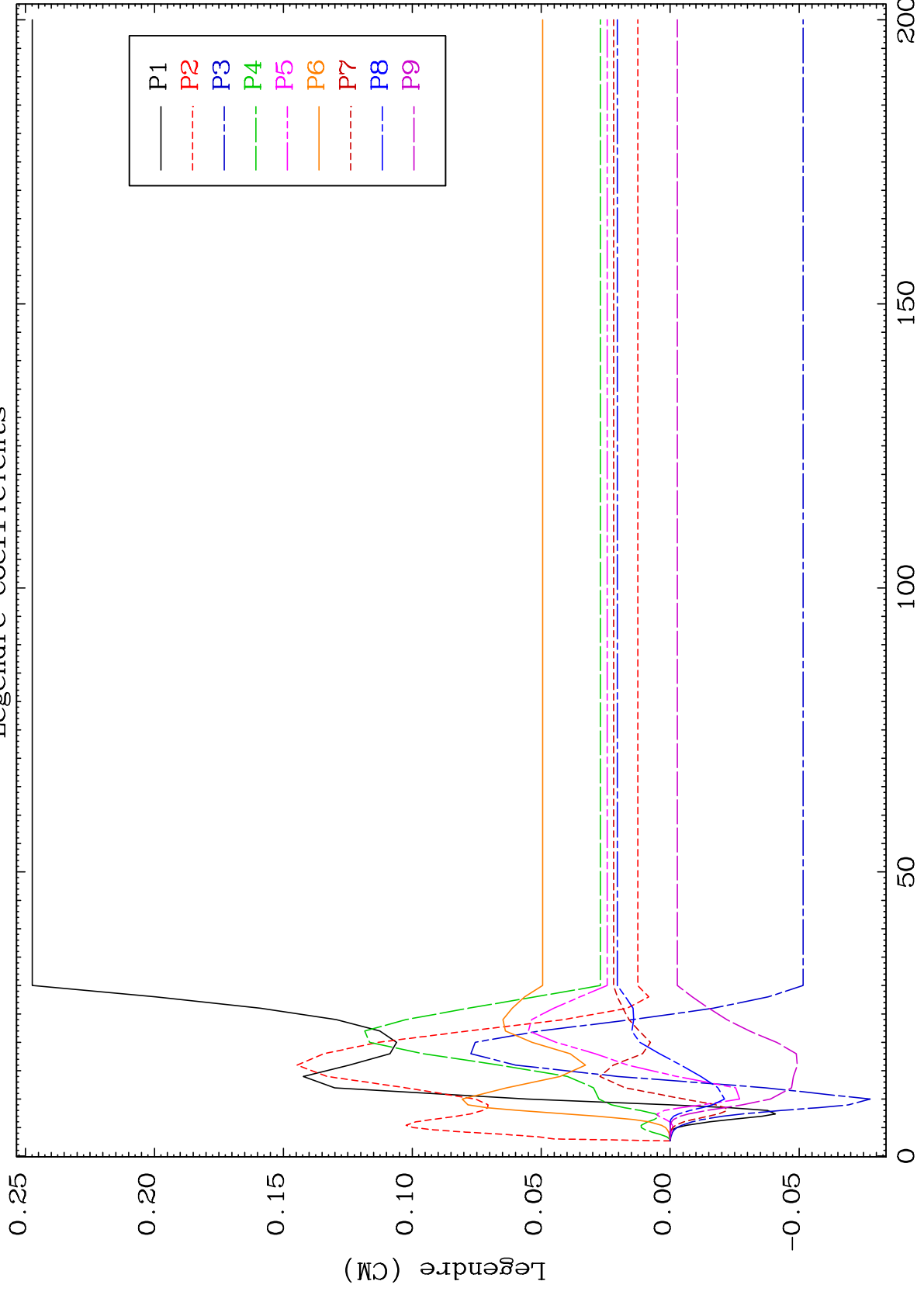
44-Ru-98

MAT 4431 MT= 74 (n,n') Level Legendre Coefficients 44-Ru-98



108 Incident Energy (MeV) 44-Ru-98

MAT 4431 MT= 75 (n,n') Level Legendre Coefficients 44-Ru-98

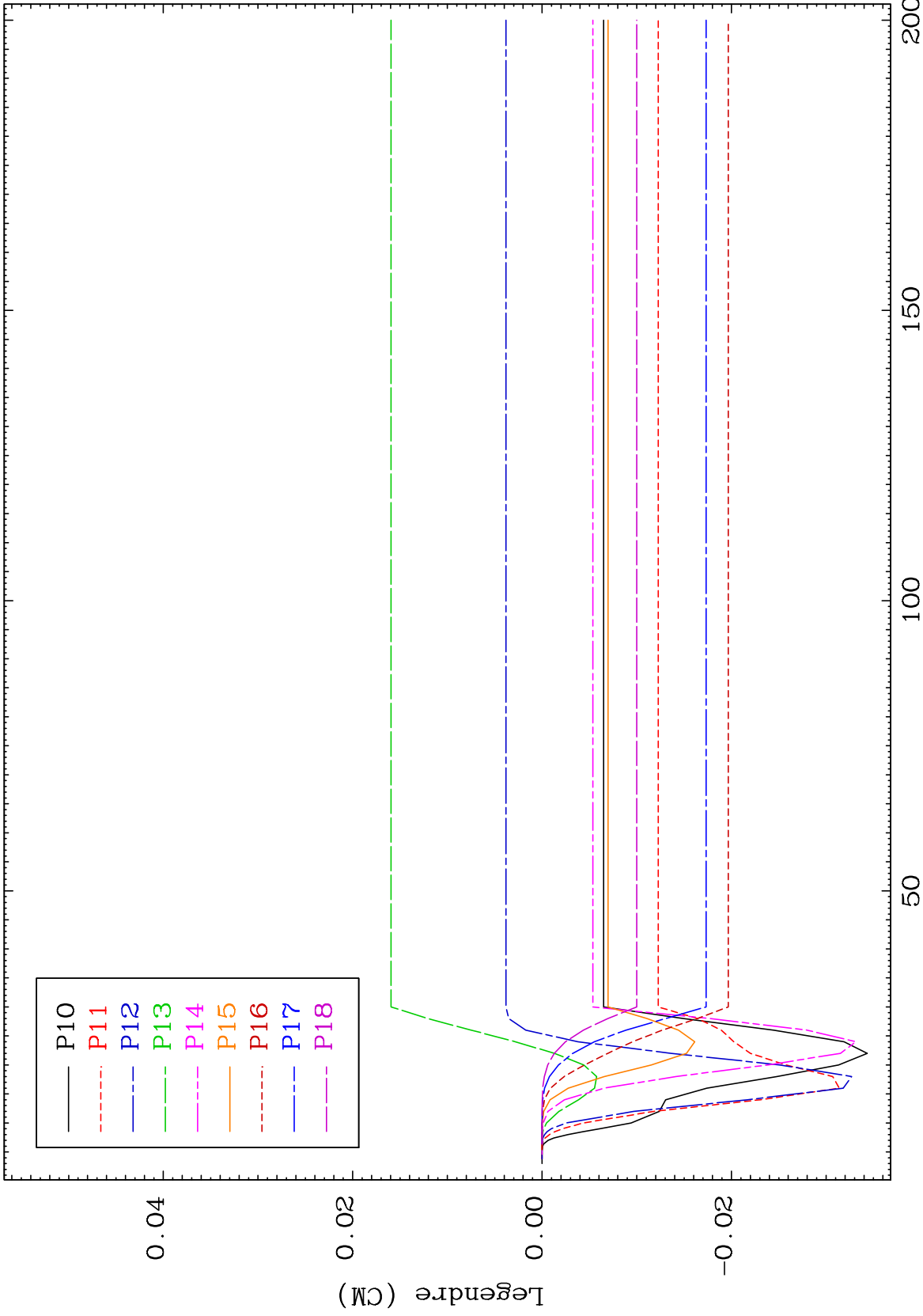


109 44-Ru-98

MAT 4431

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

44-Ru-98

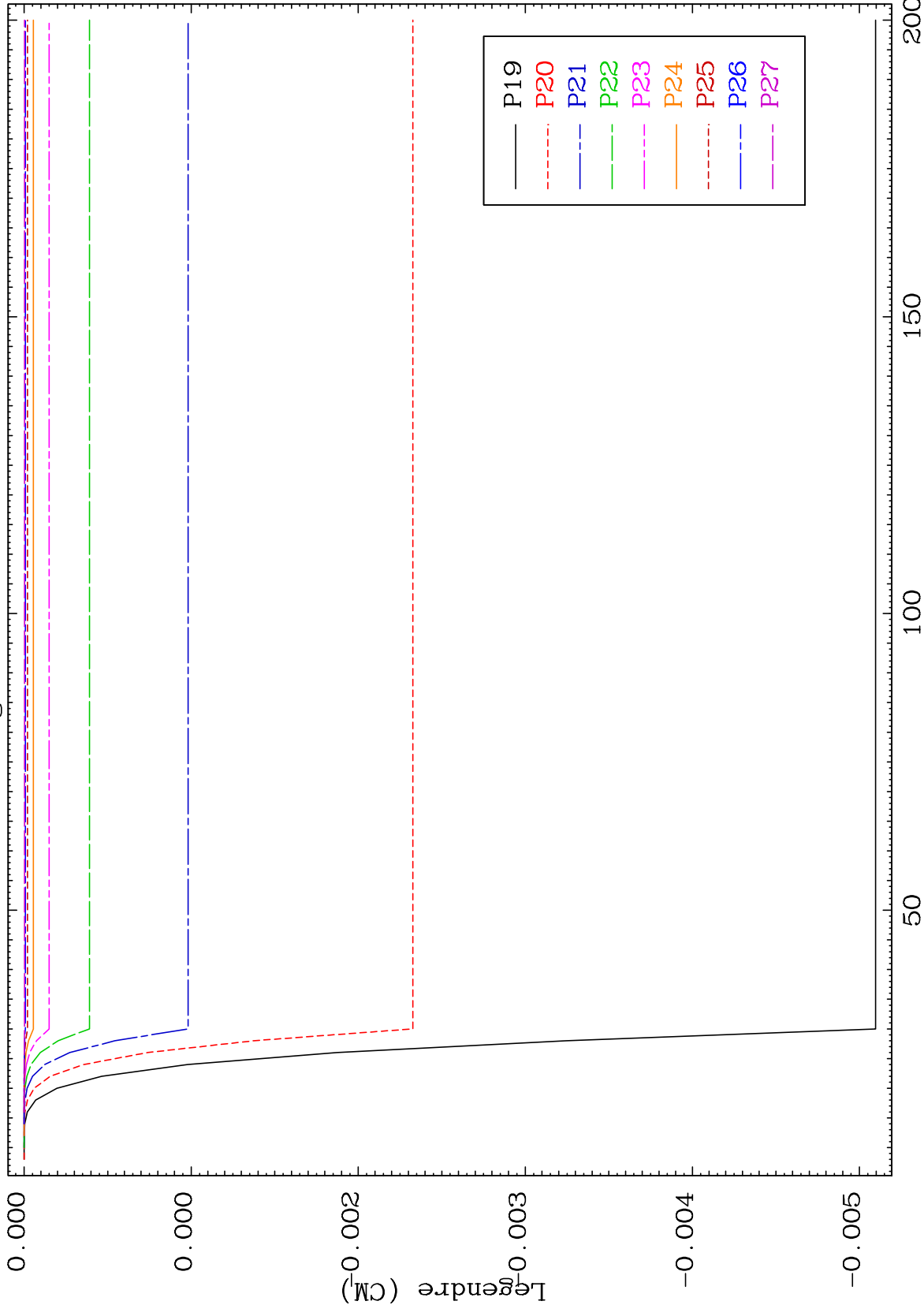


110

Incident Energy (MeV)

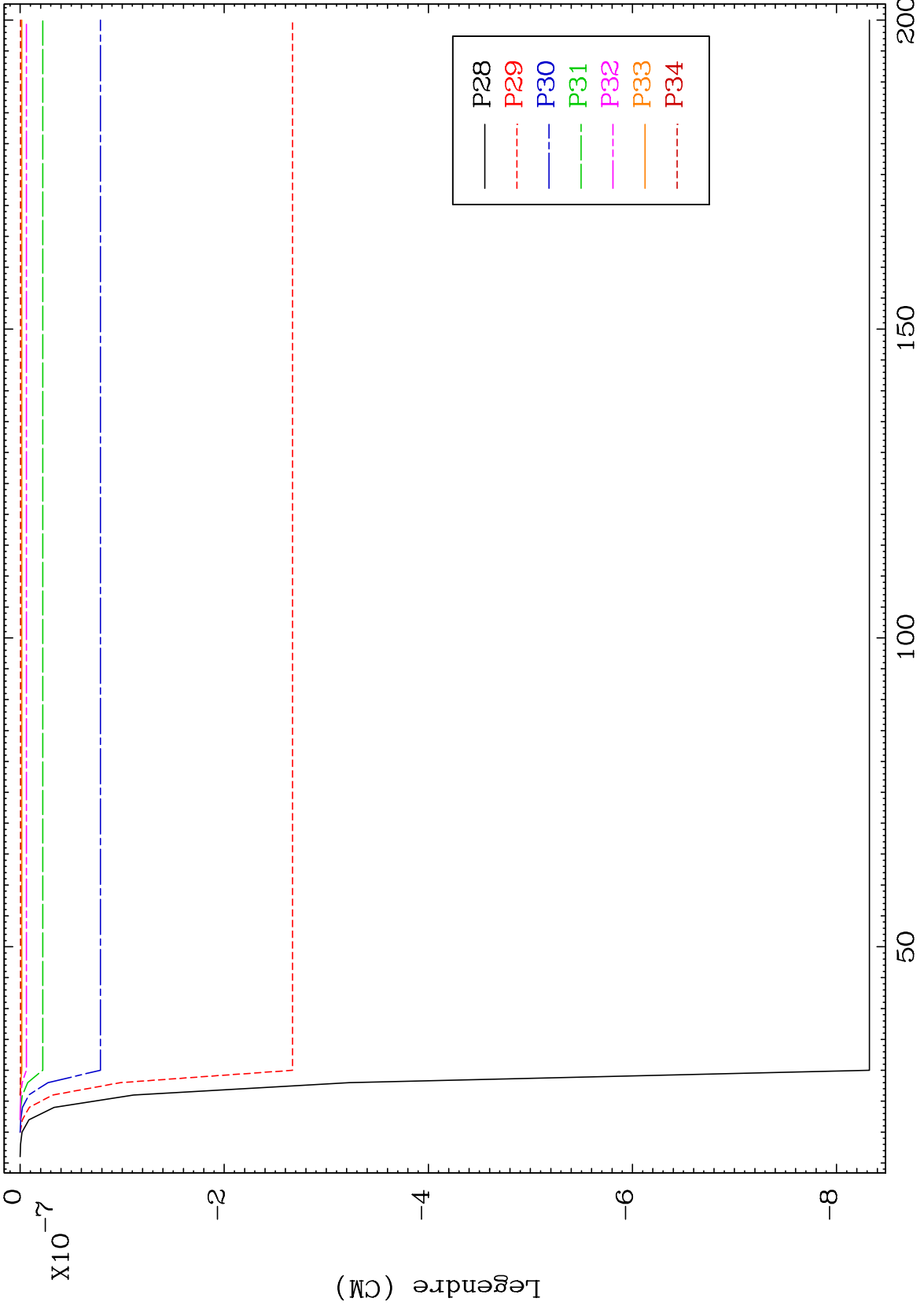
44-Ru-98

MAT 4431 MT= 75 (n,n') Level Legendre Coefficients 44-Ru-98





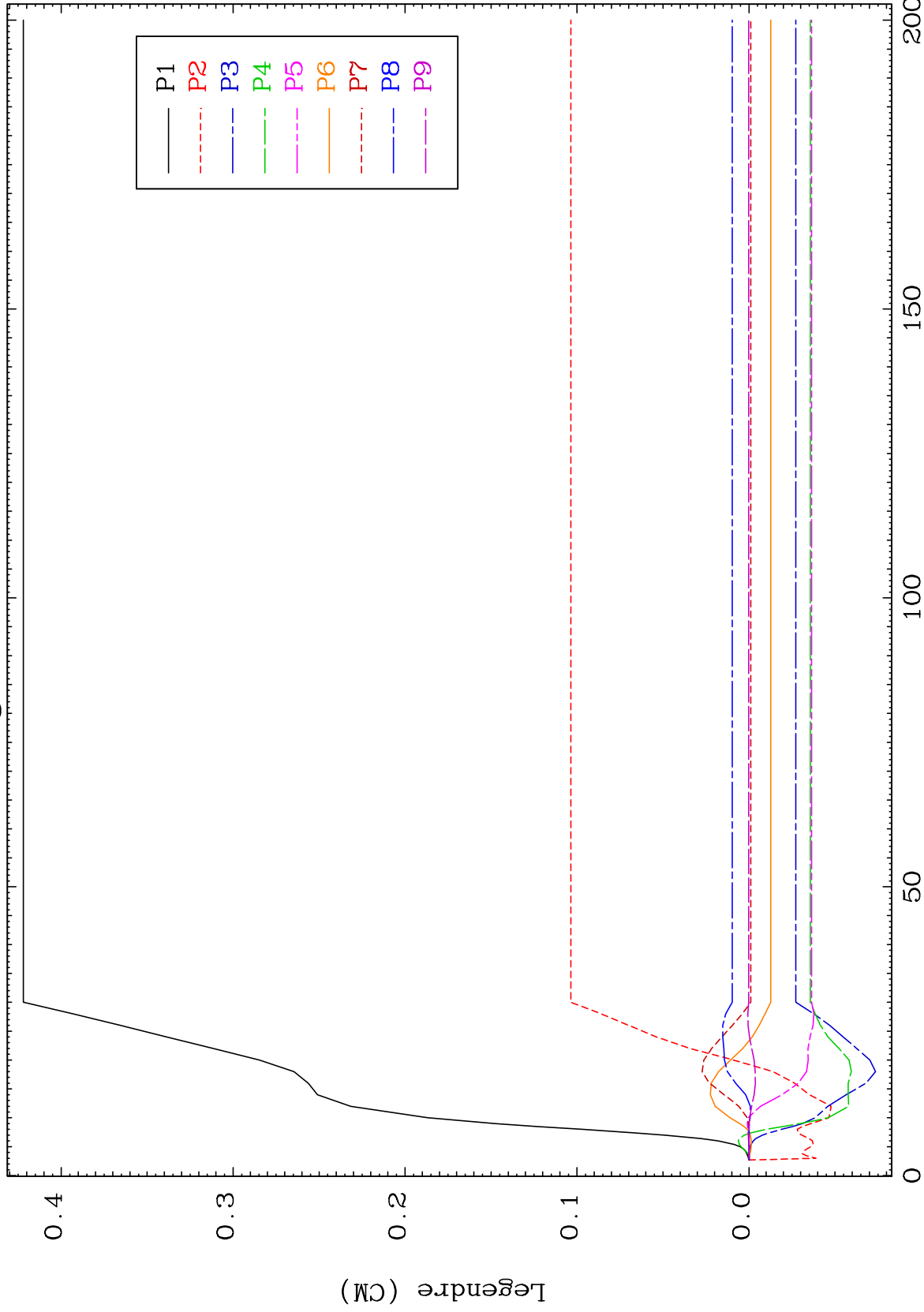
MAT 4431 MT= 75 (n,n') Level Legendre Coefficients 44-Ru-98



MAT 4431

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

44-Ru-98



113

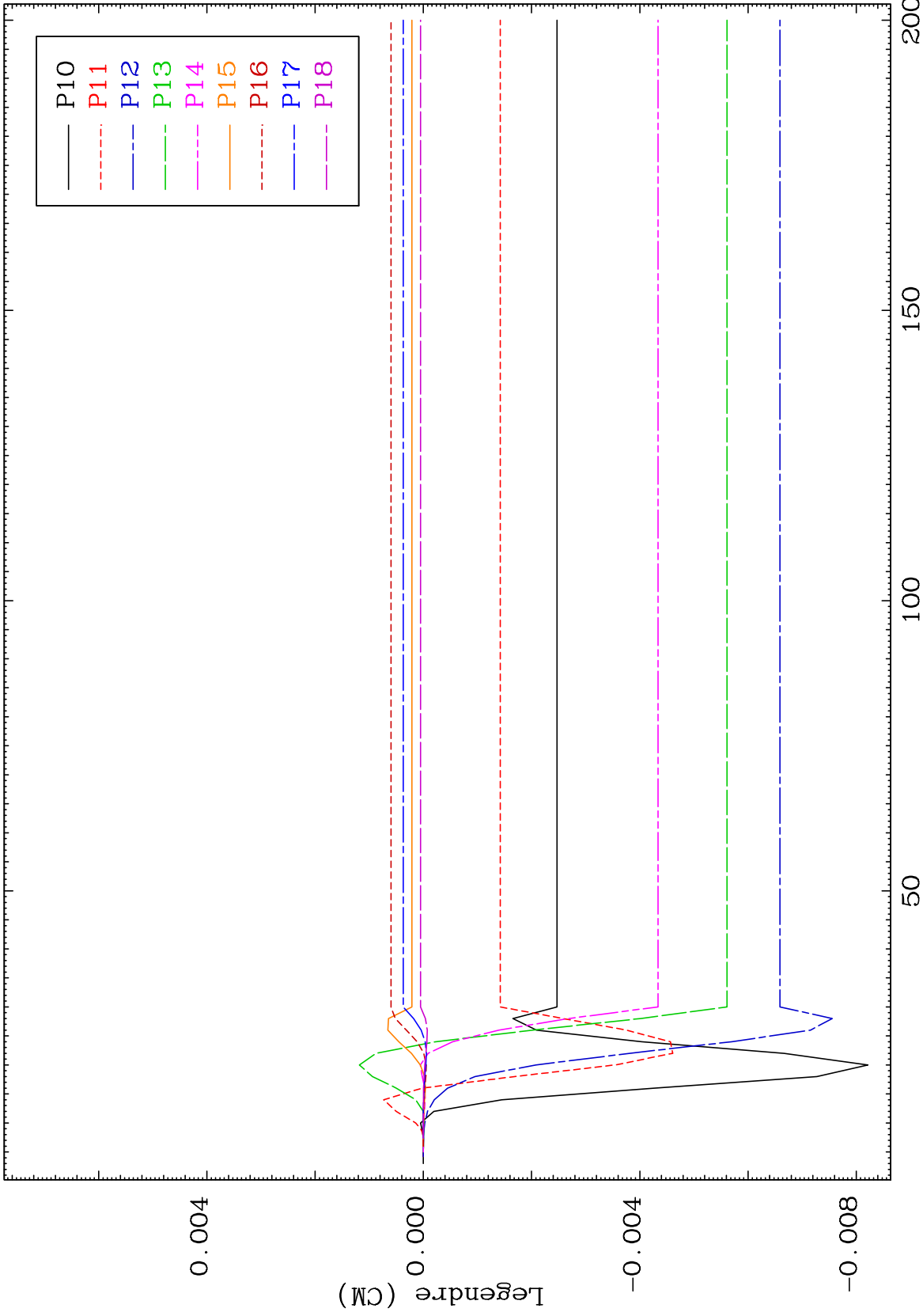
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



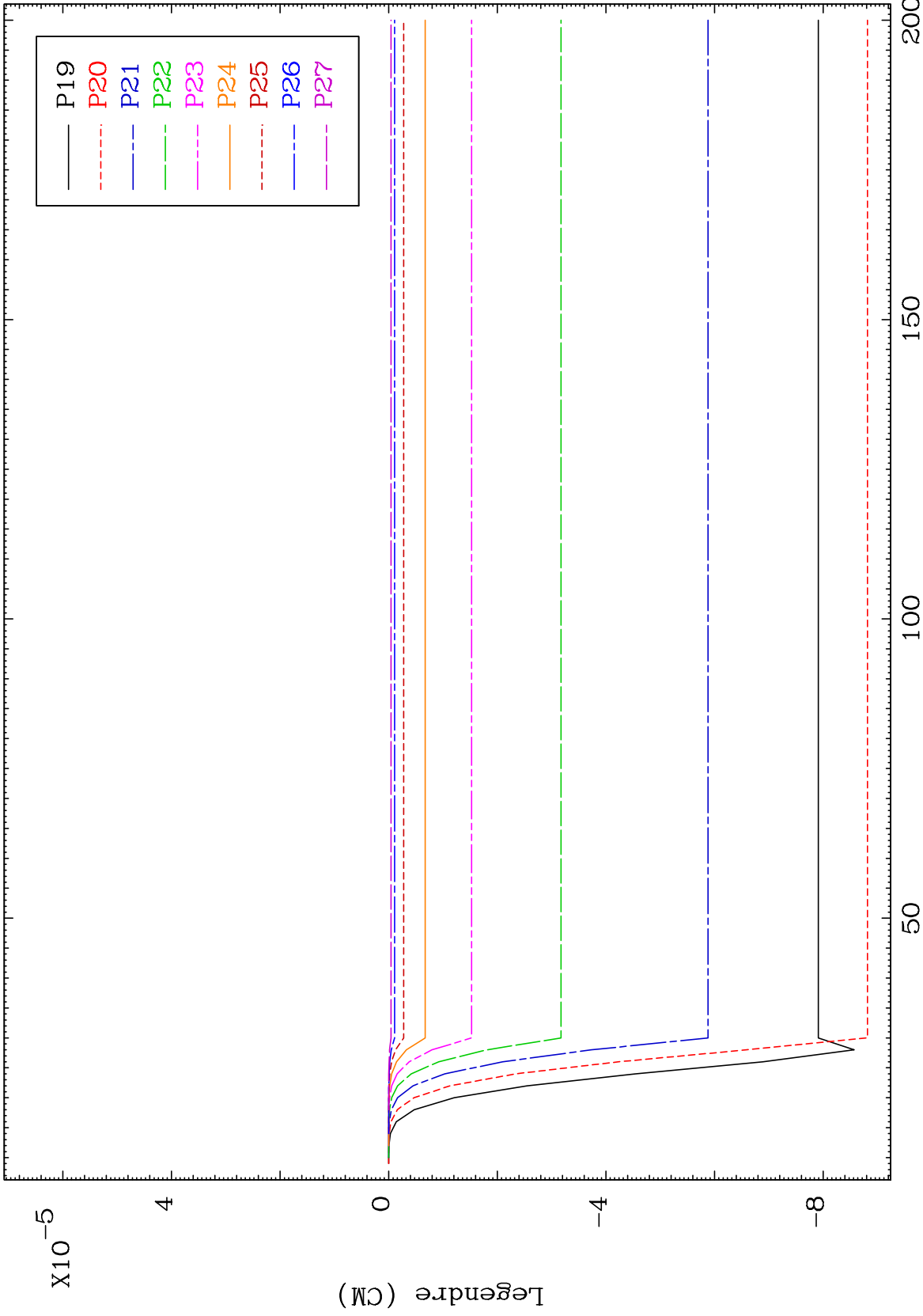
114

44-Ru-98

MAT 4431

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

44-Ru-98



115

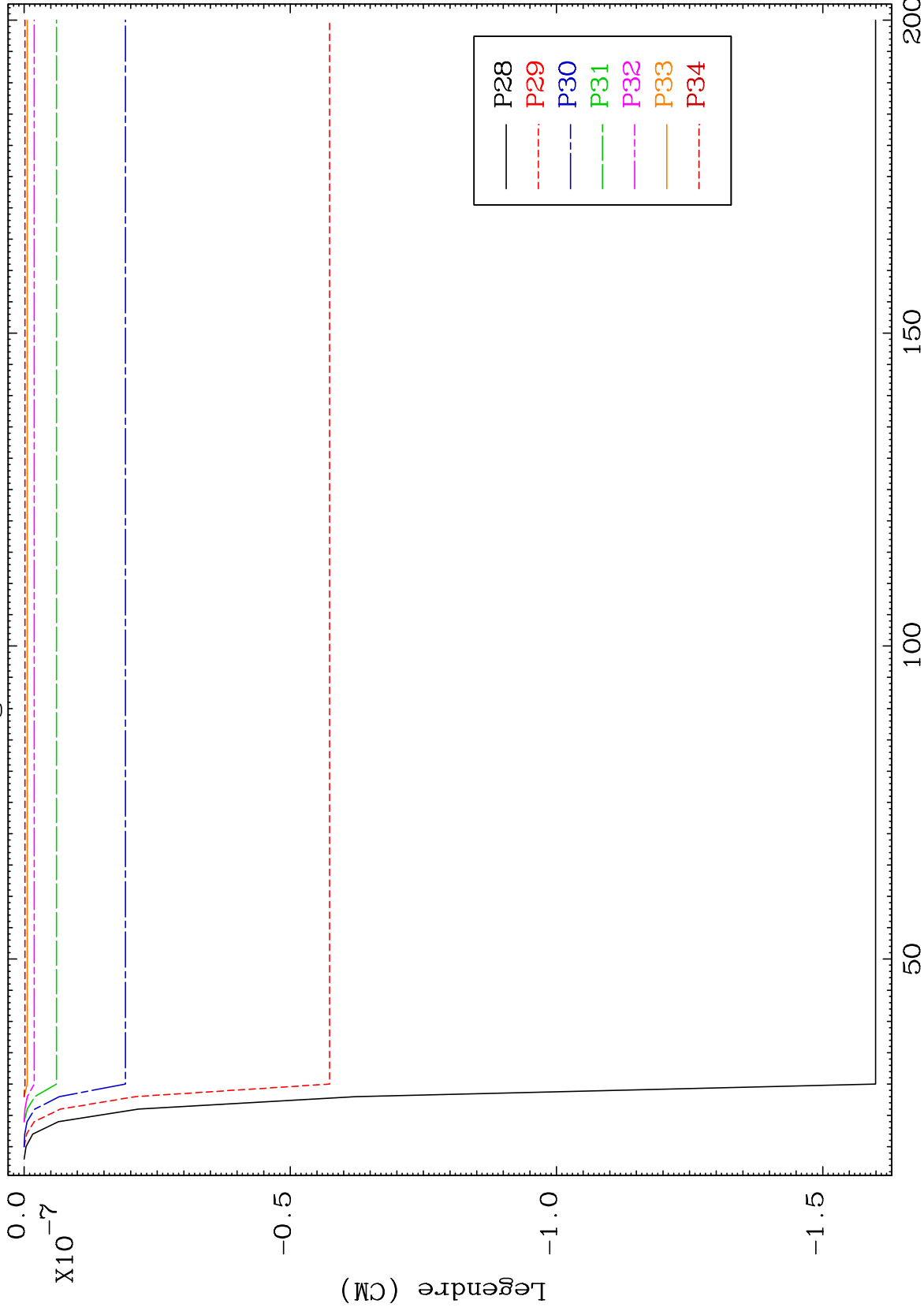
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



44-Ru-98

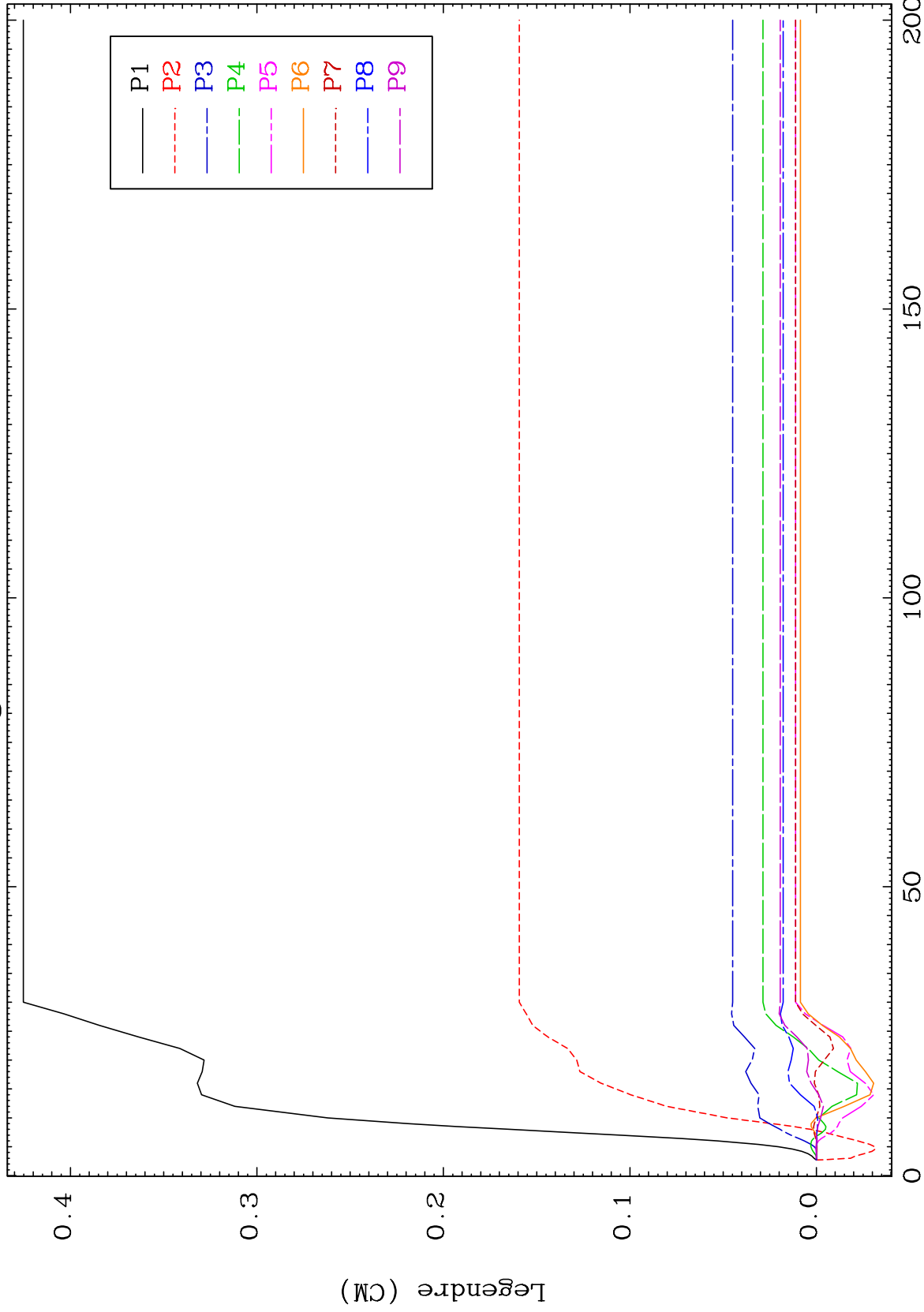
Incident Energy (MeV)

116

MAT 4431

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

44-Ru-98



117

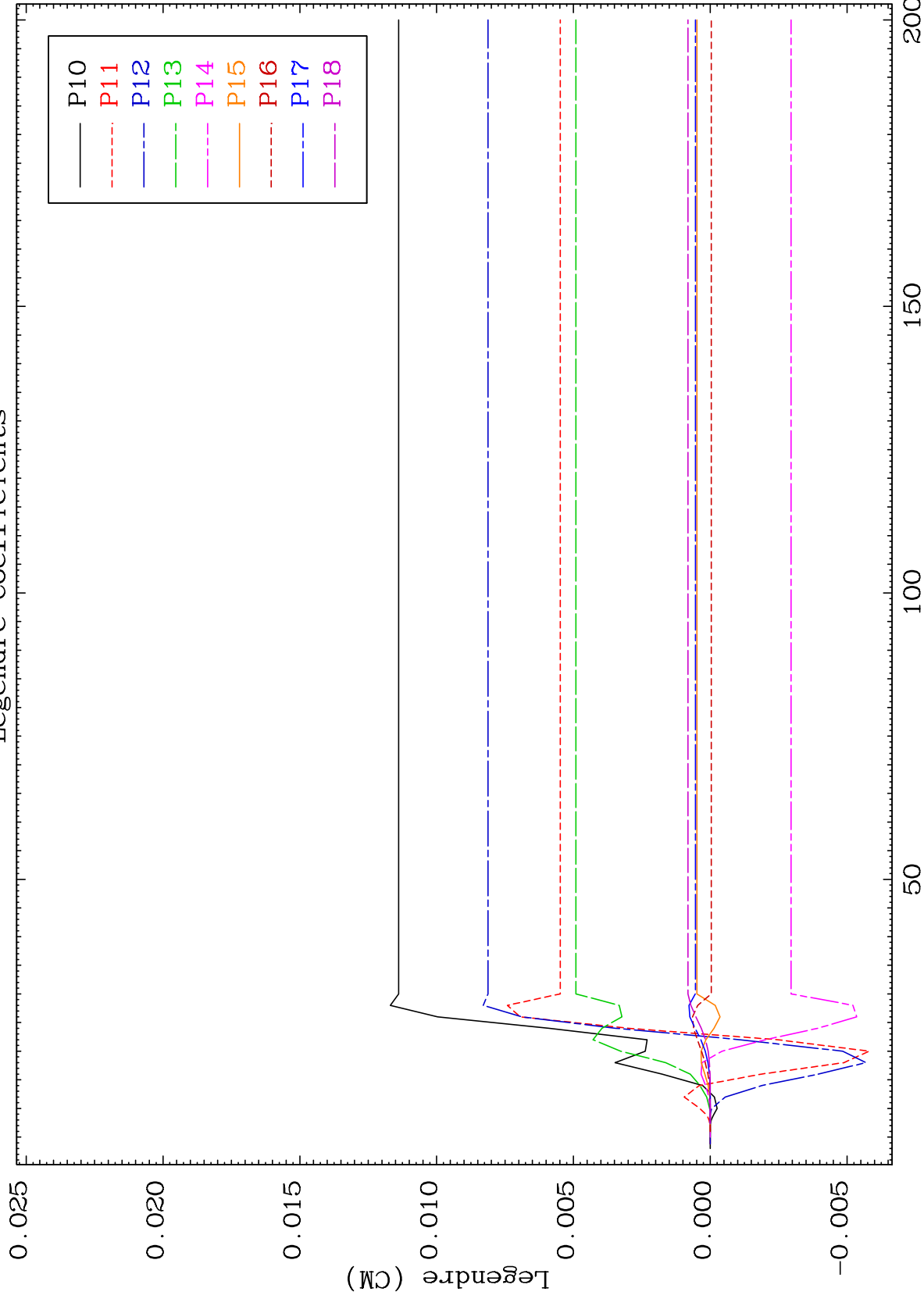
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



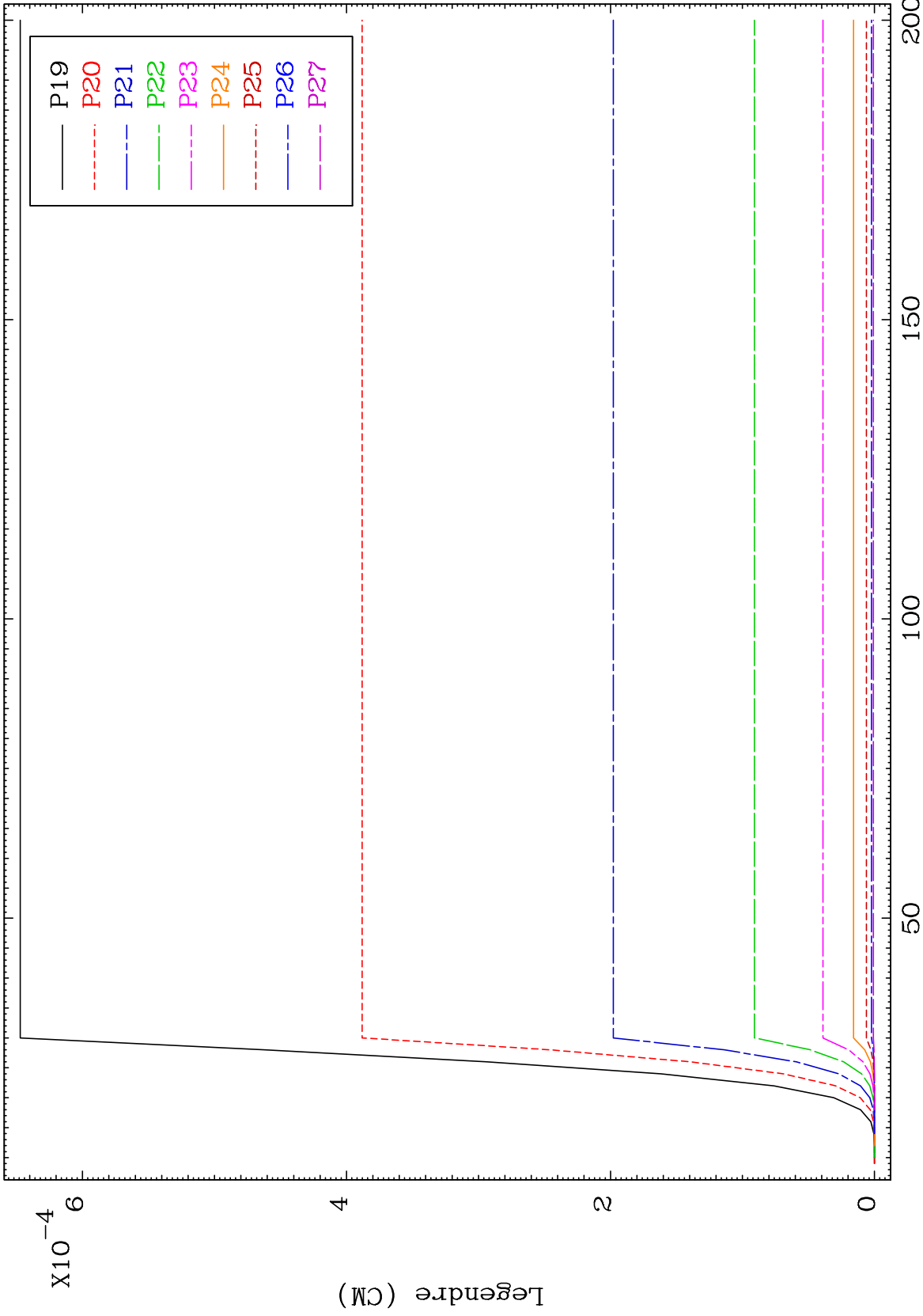
118

44-Ru-98

MAT 4431

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

44-Ru-98



119

Incident Energy (MeV)

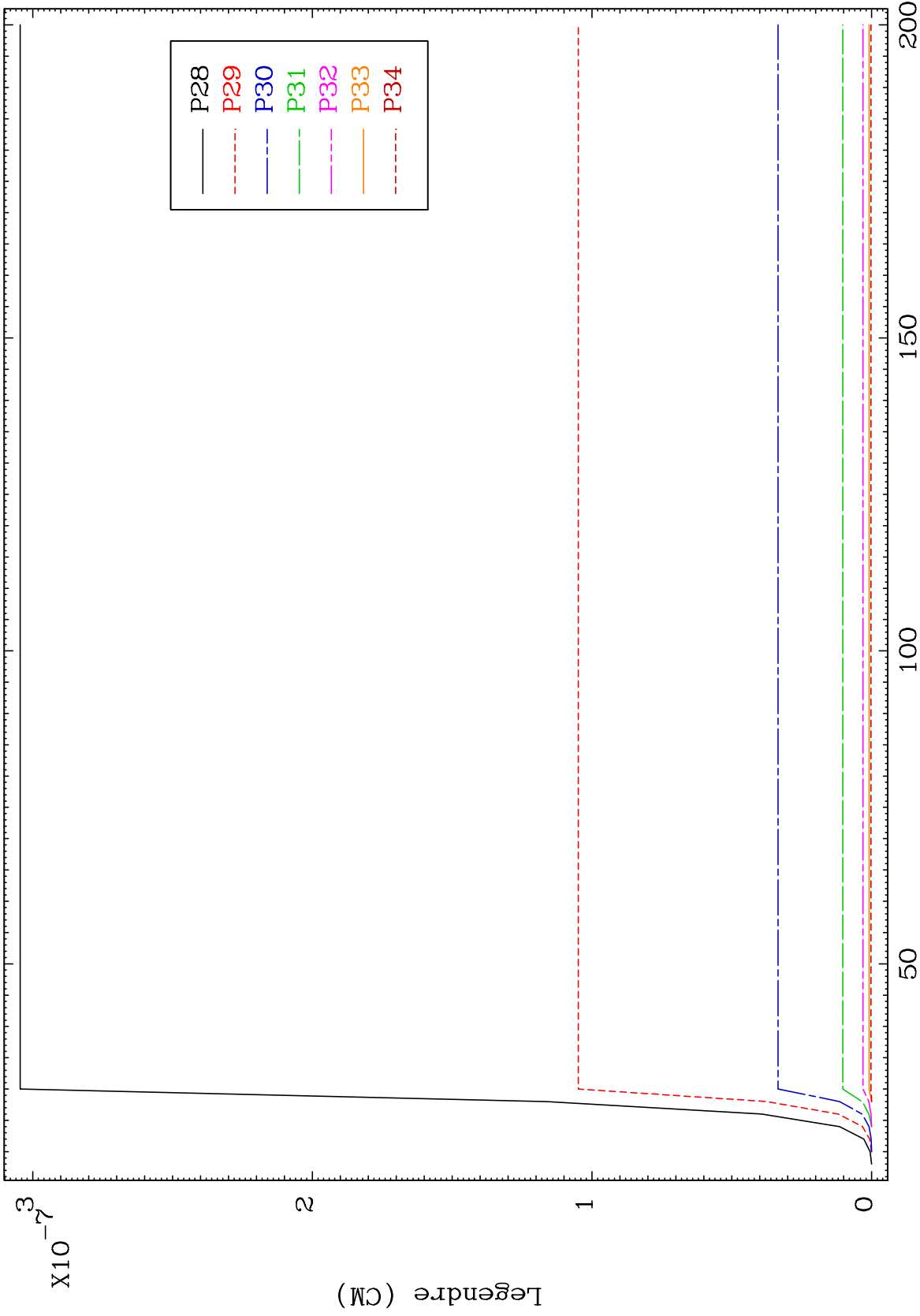
44-Ru-98



MAT 4431

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

44-Ru-98



120

50

100

150

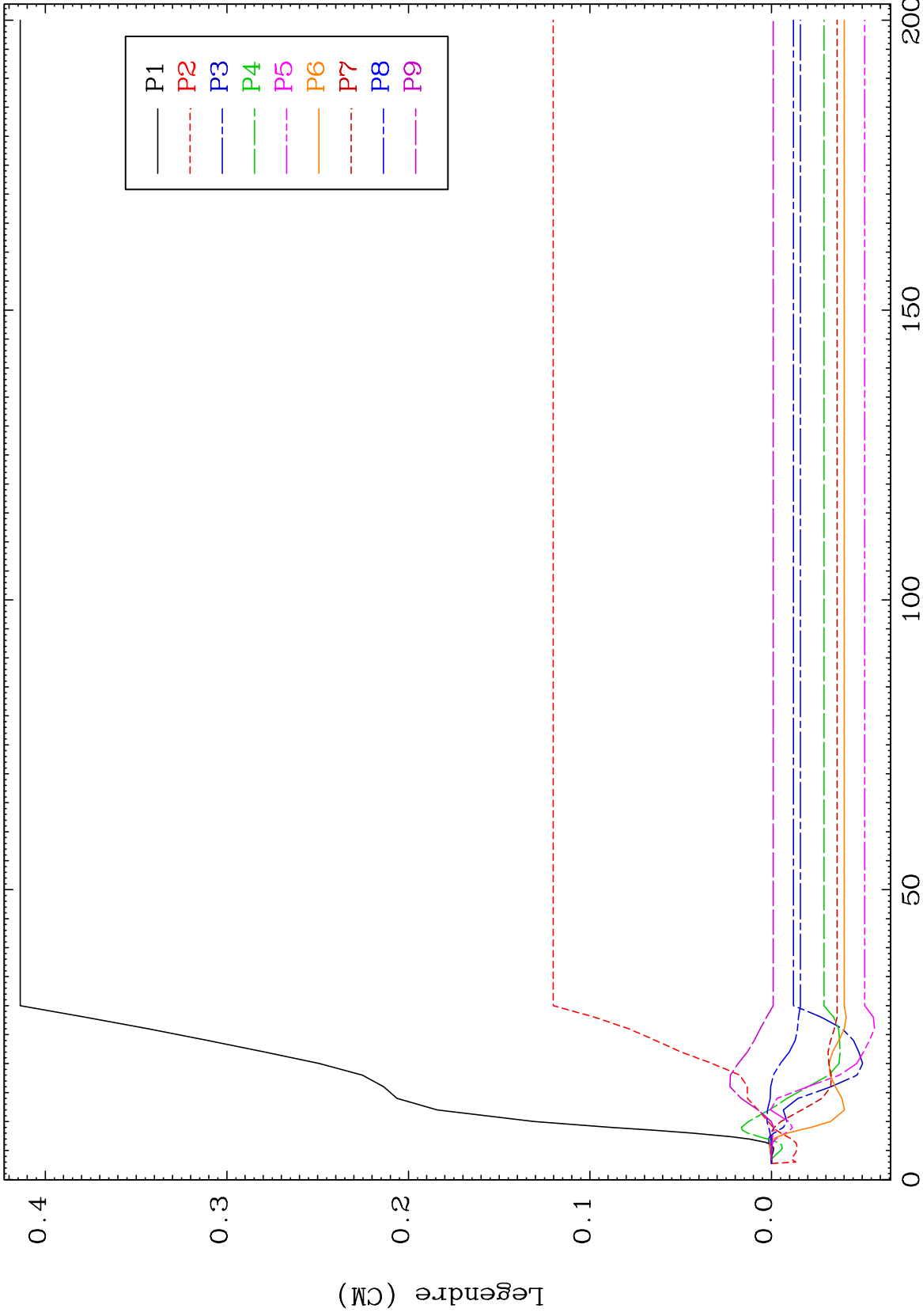
200

44-Ru-98

MAT 4431

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

44-Ru-98



121

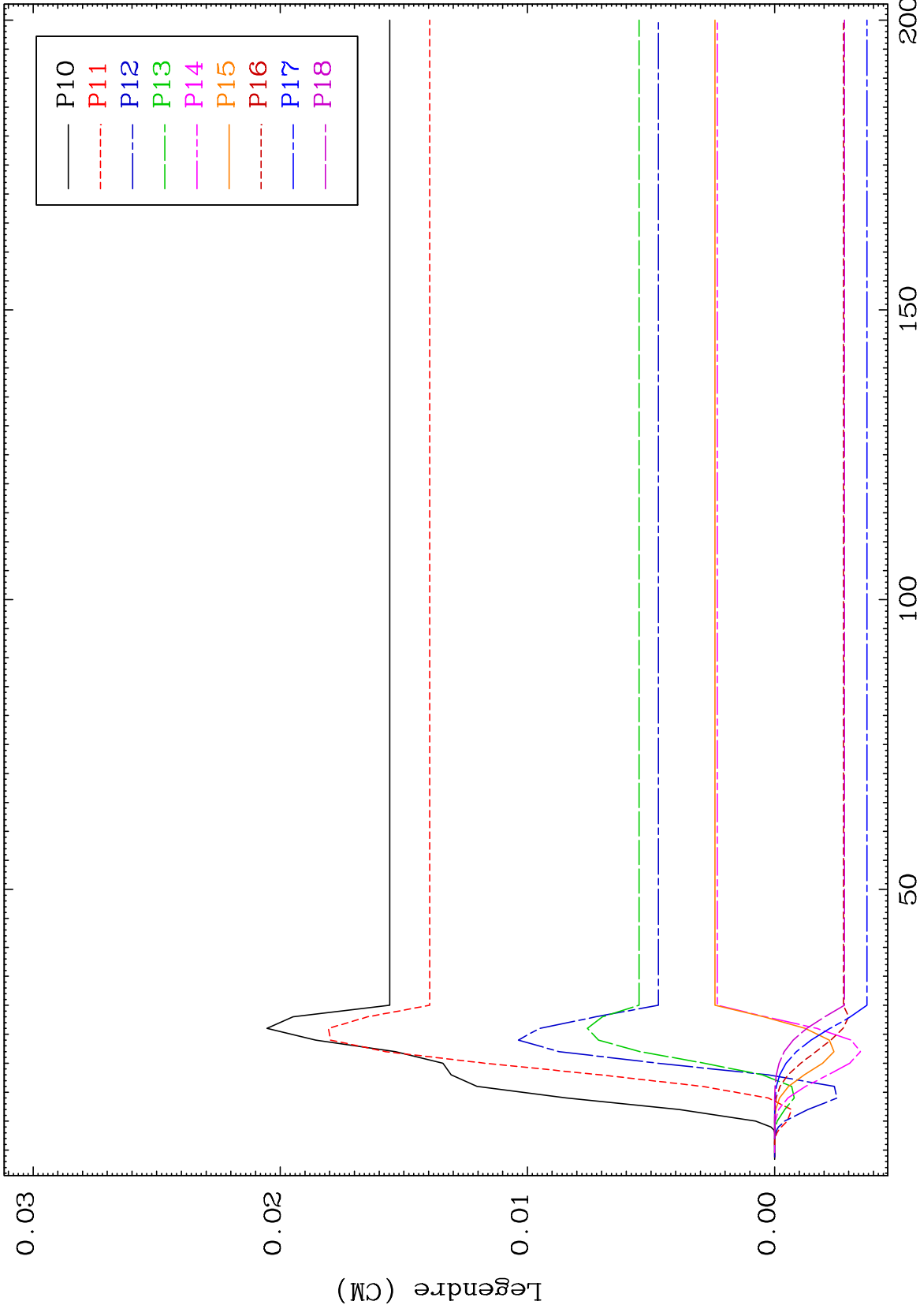
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

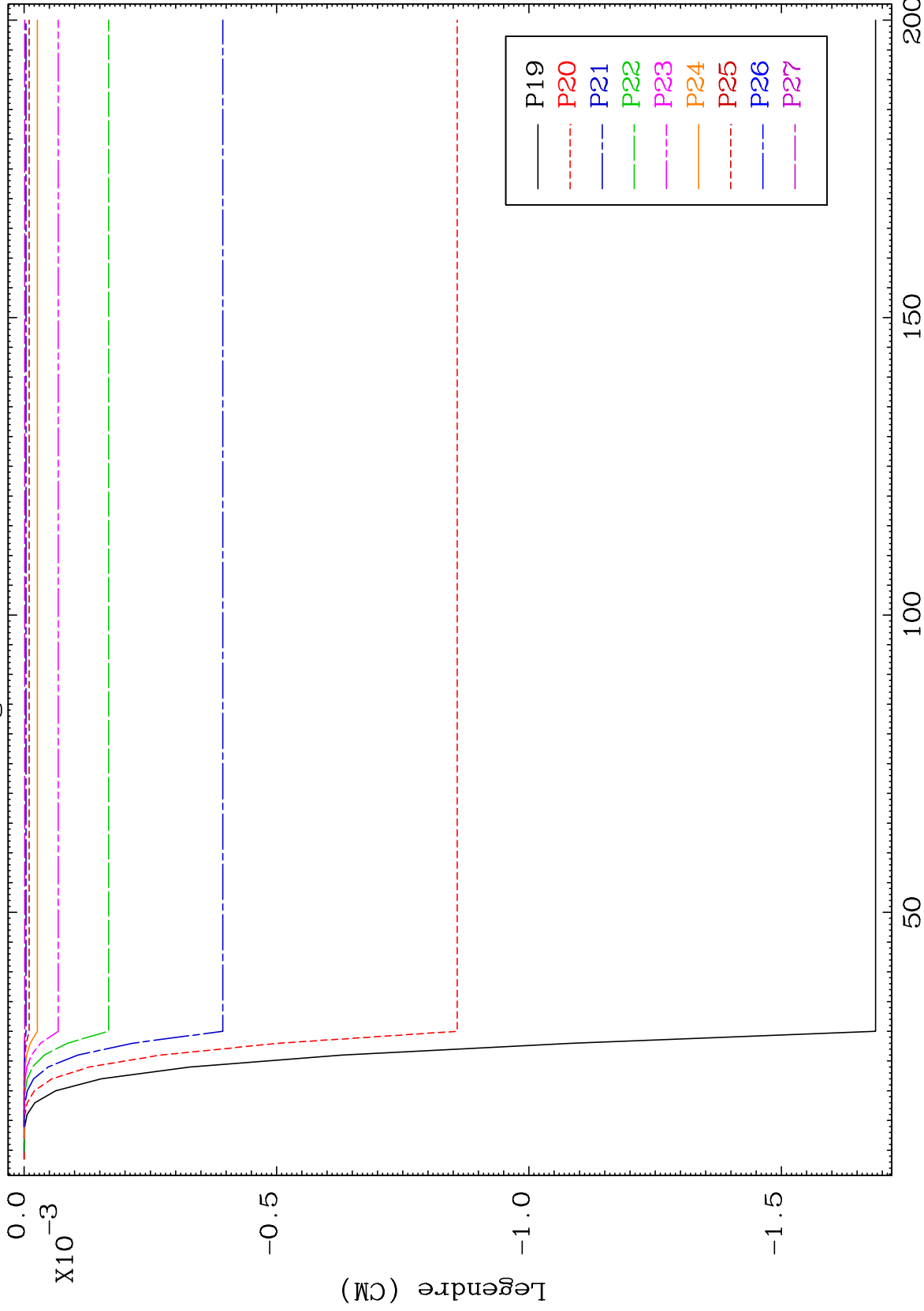
44-Ru-98



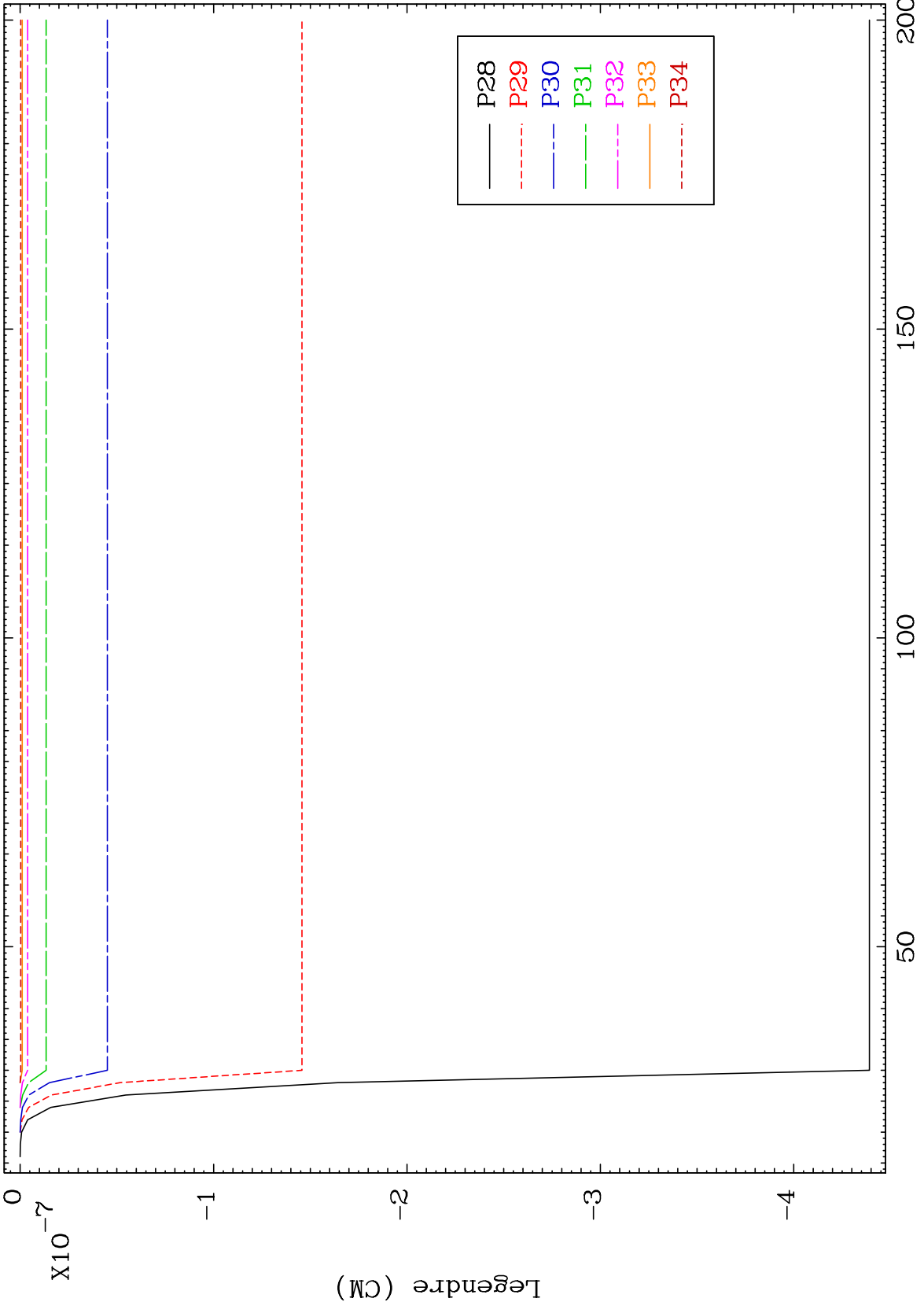
122

Incident Energy (MeV)

44-Ru-98



MAT 4431 MT= 78 (n,n') Level Legendre Coefficients 44-Ru-98

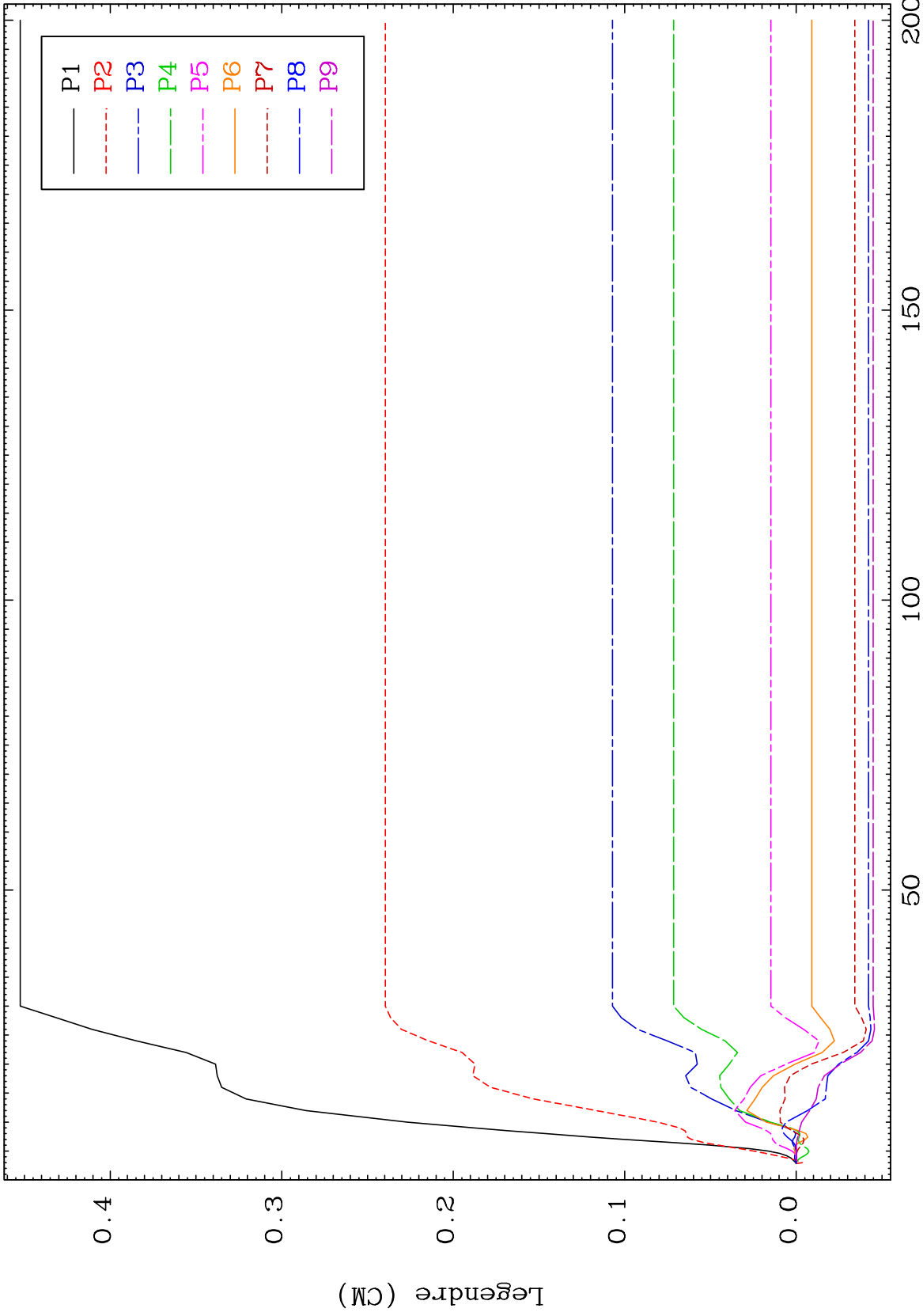


124 44-Ru-98

MAT 4431

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

44-Ru-98



125

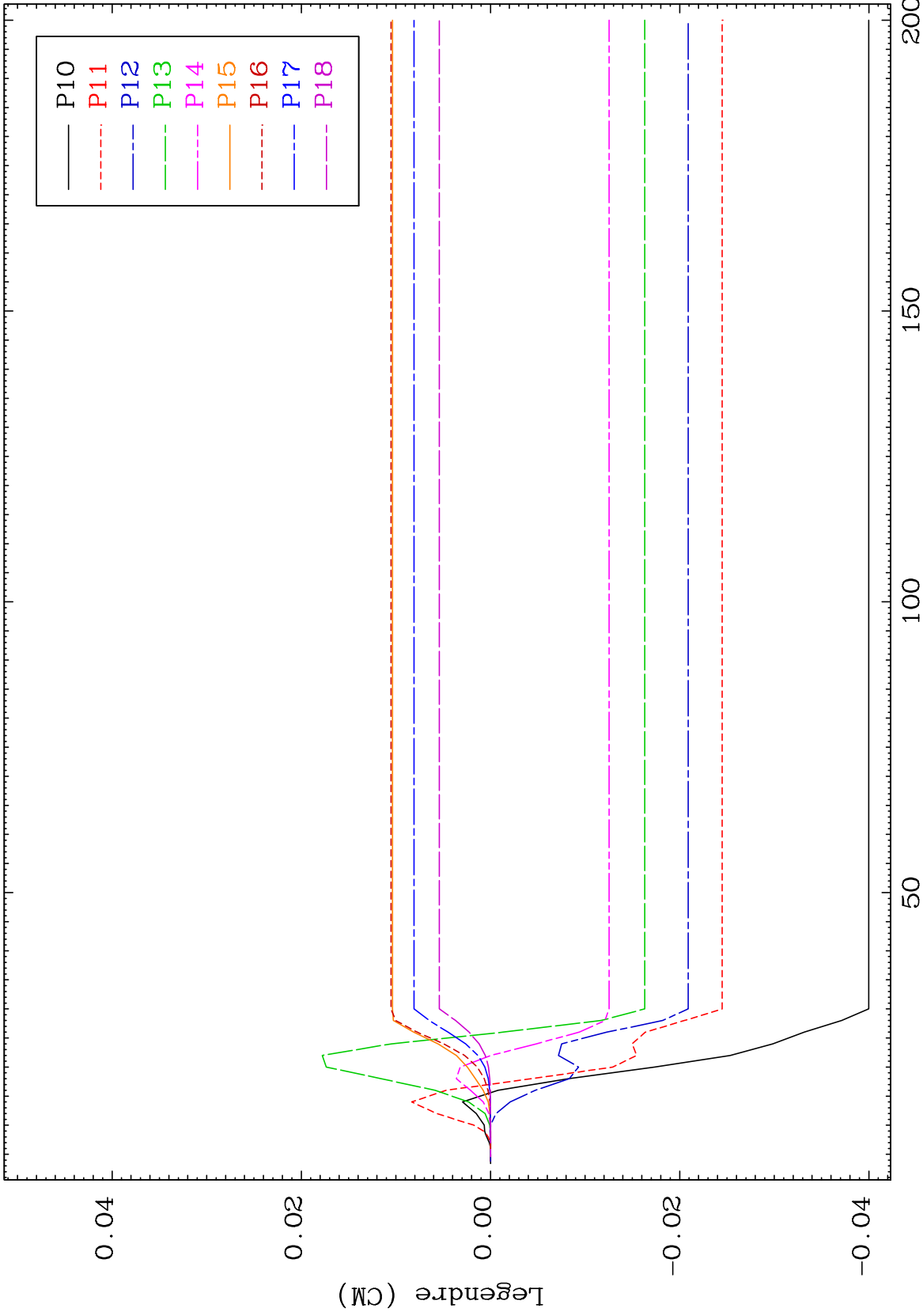
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



126

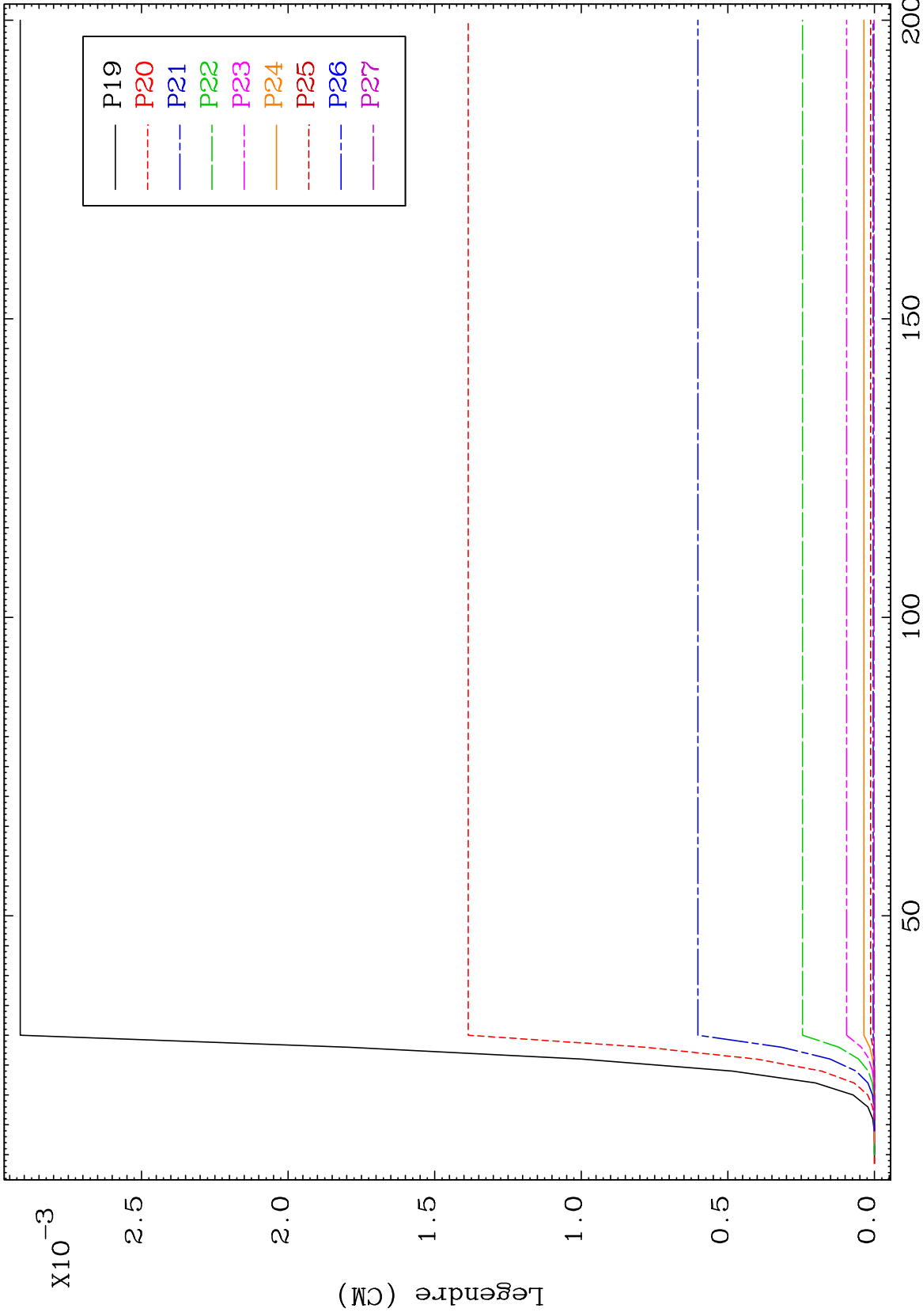
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



127

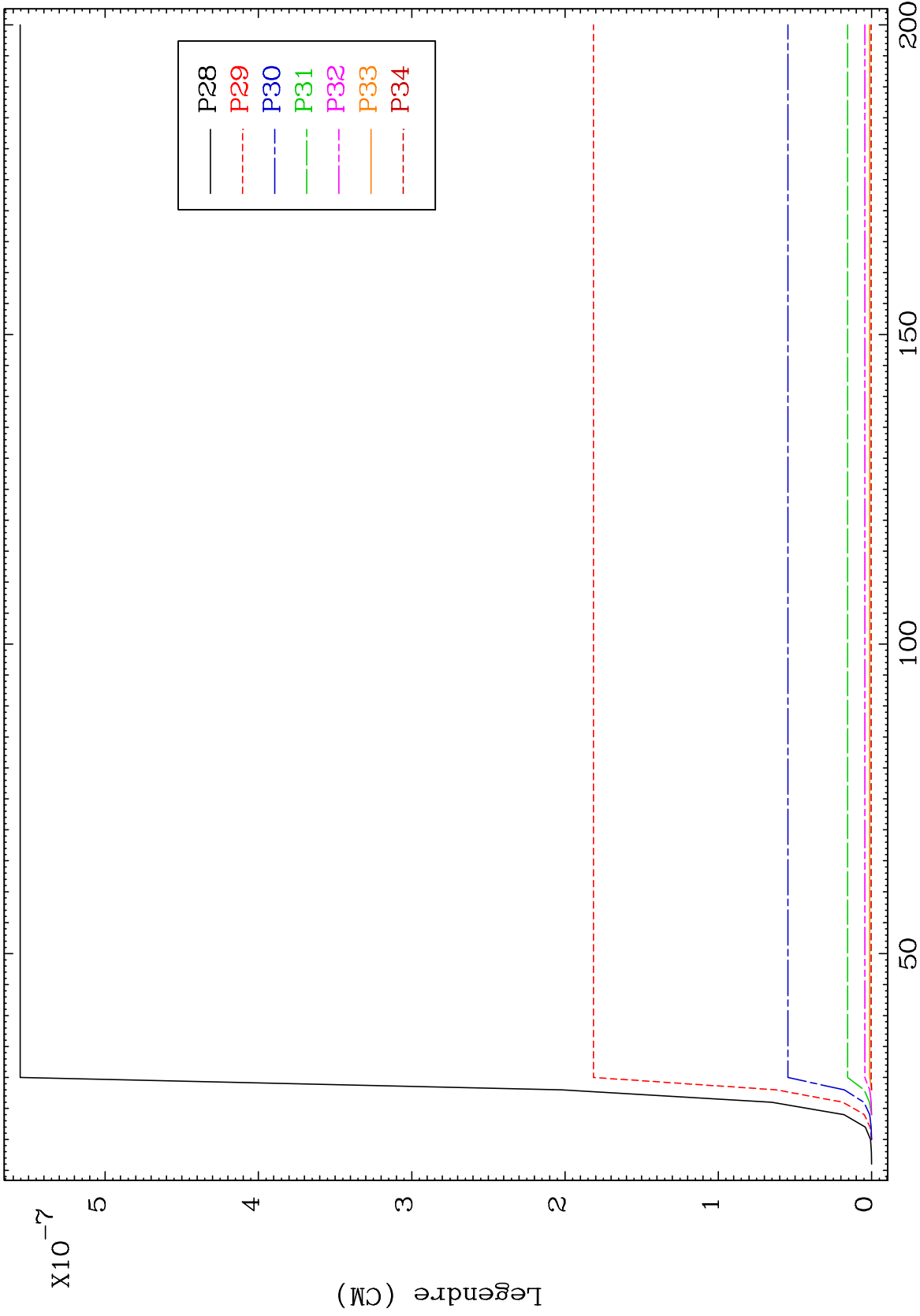
44-Ru-98



MAT 4431

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

44-Ru-98



128

Incident Energy (MeV)

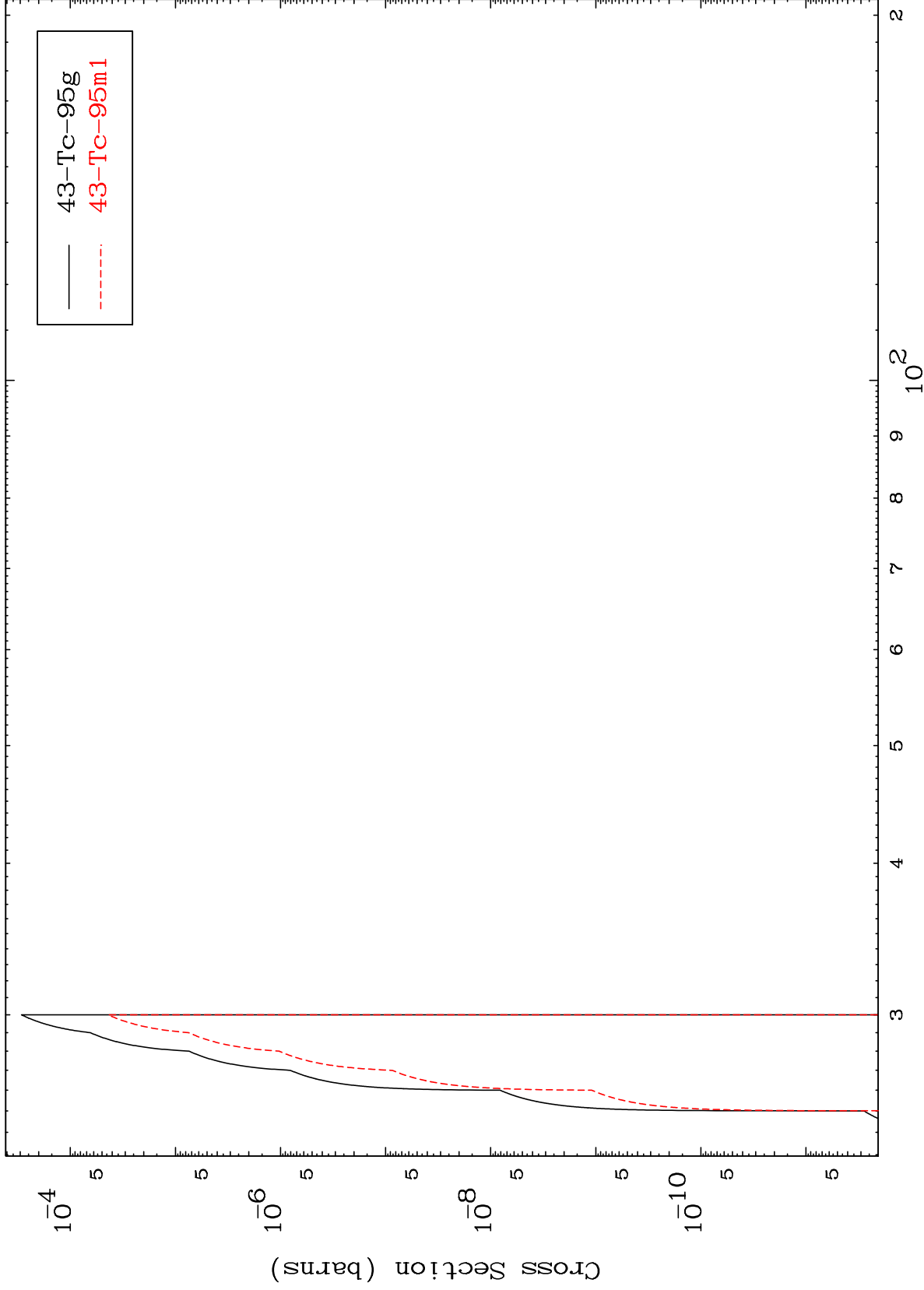
44-Ru-98

MAT 4431

(n,2n) d

44-Ru-98

Radionuclide Production Cross Section



129

Incident Energy (MeV)

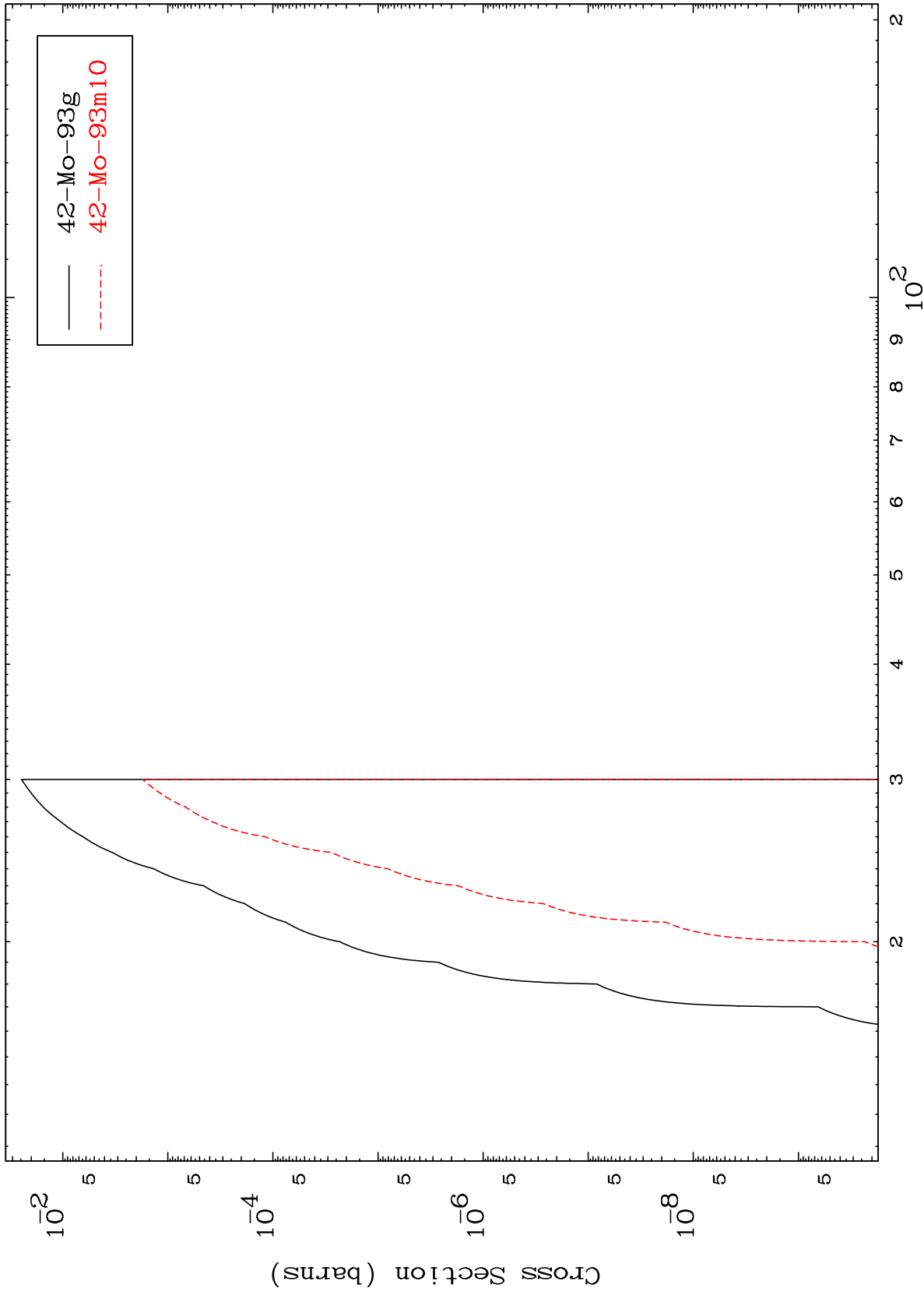
44-Ru-98

MAT 4431

(n,2n)  $\alpha$

44-Ru-98

Radionuclide Production Cross Section



130

Incident Energy (MeV)

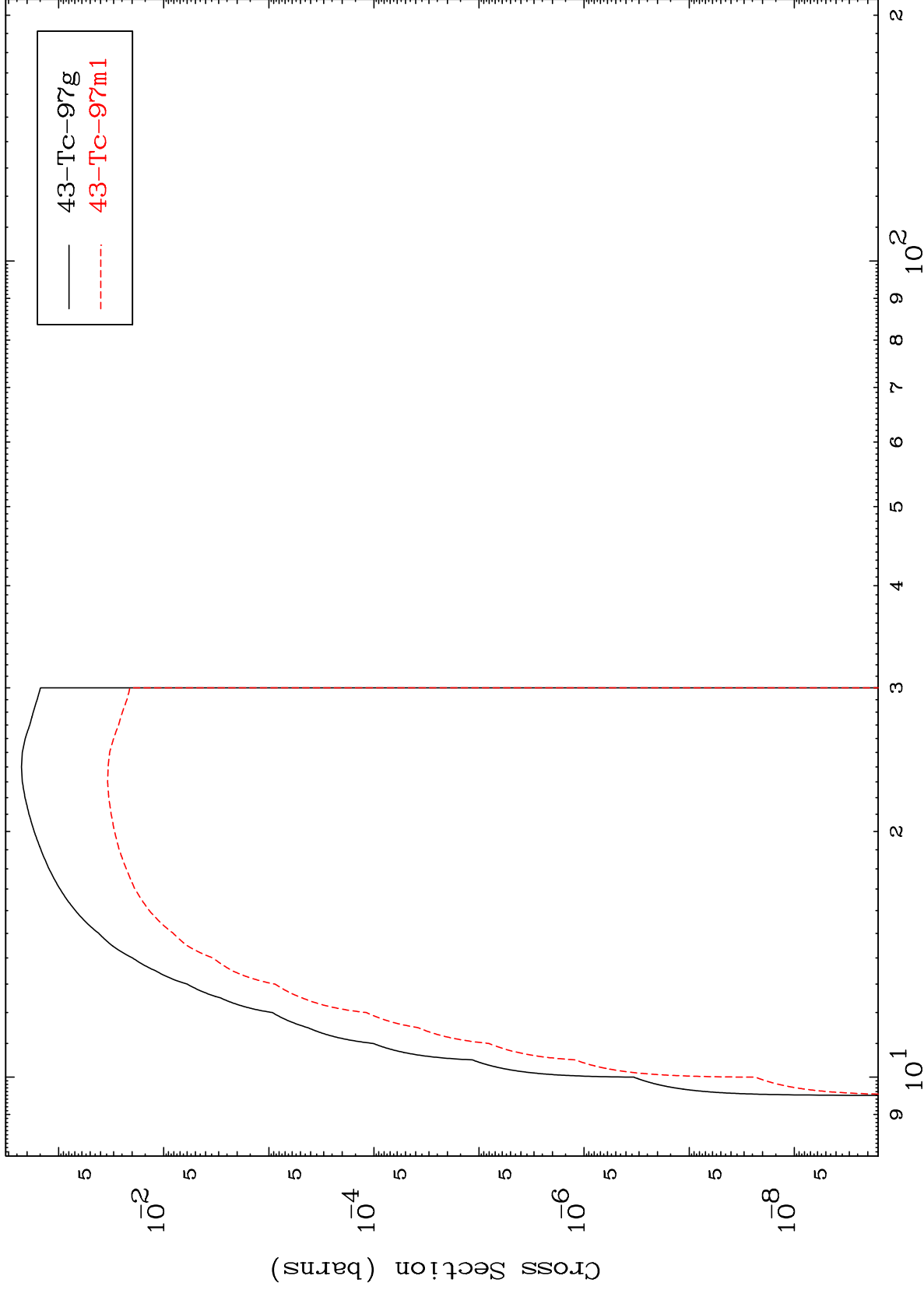
44-Ru-98

MAT 4431

(n,n') p

44-Ru-98

Radionuclide Production Cross Section



131

Incident Energy (MeV)

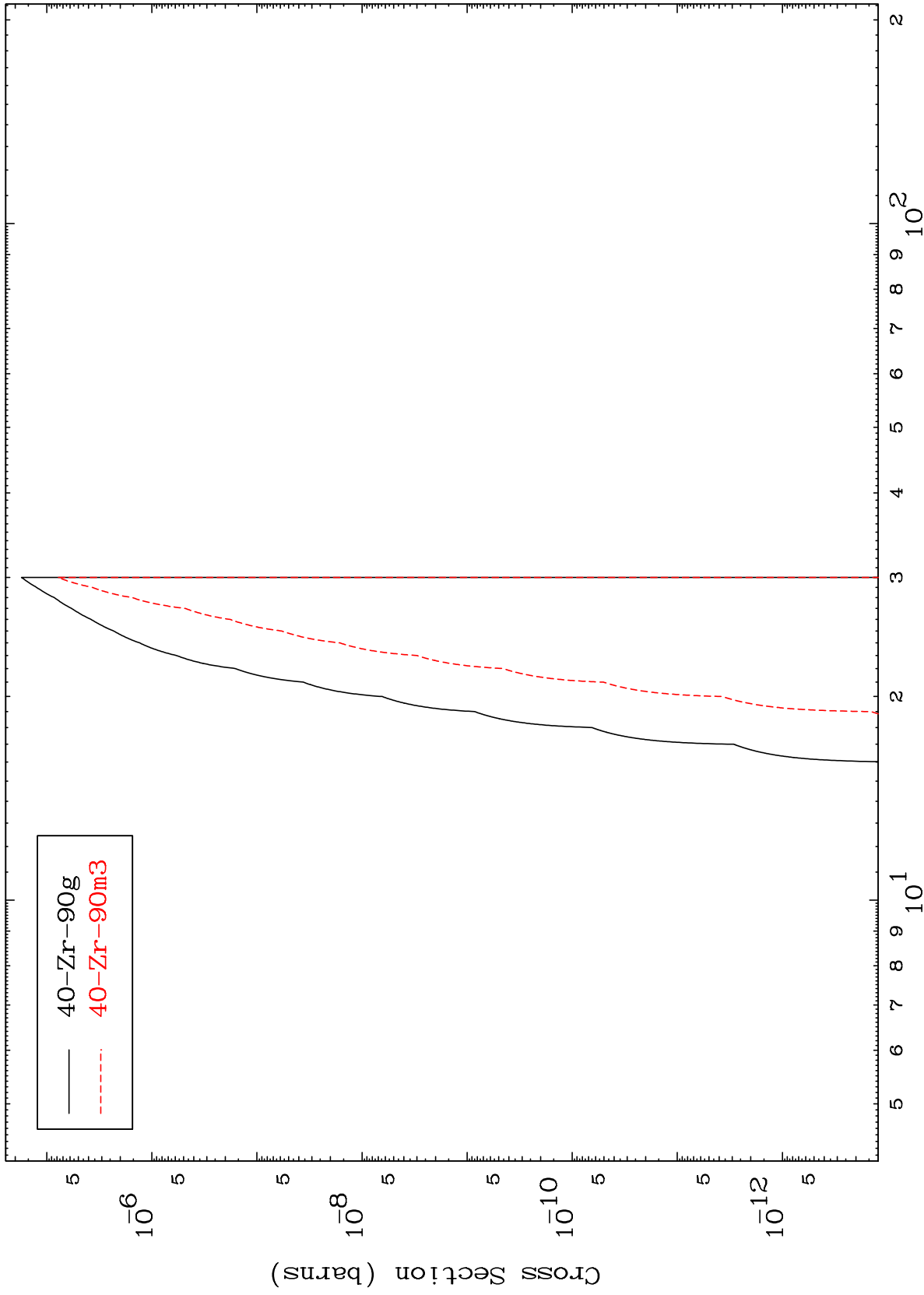
44-Ru-98

MAT 4431

(n,n') 2 $\alpha$

44-Ru-98

Radionuclide Production Cross Section



132

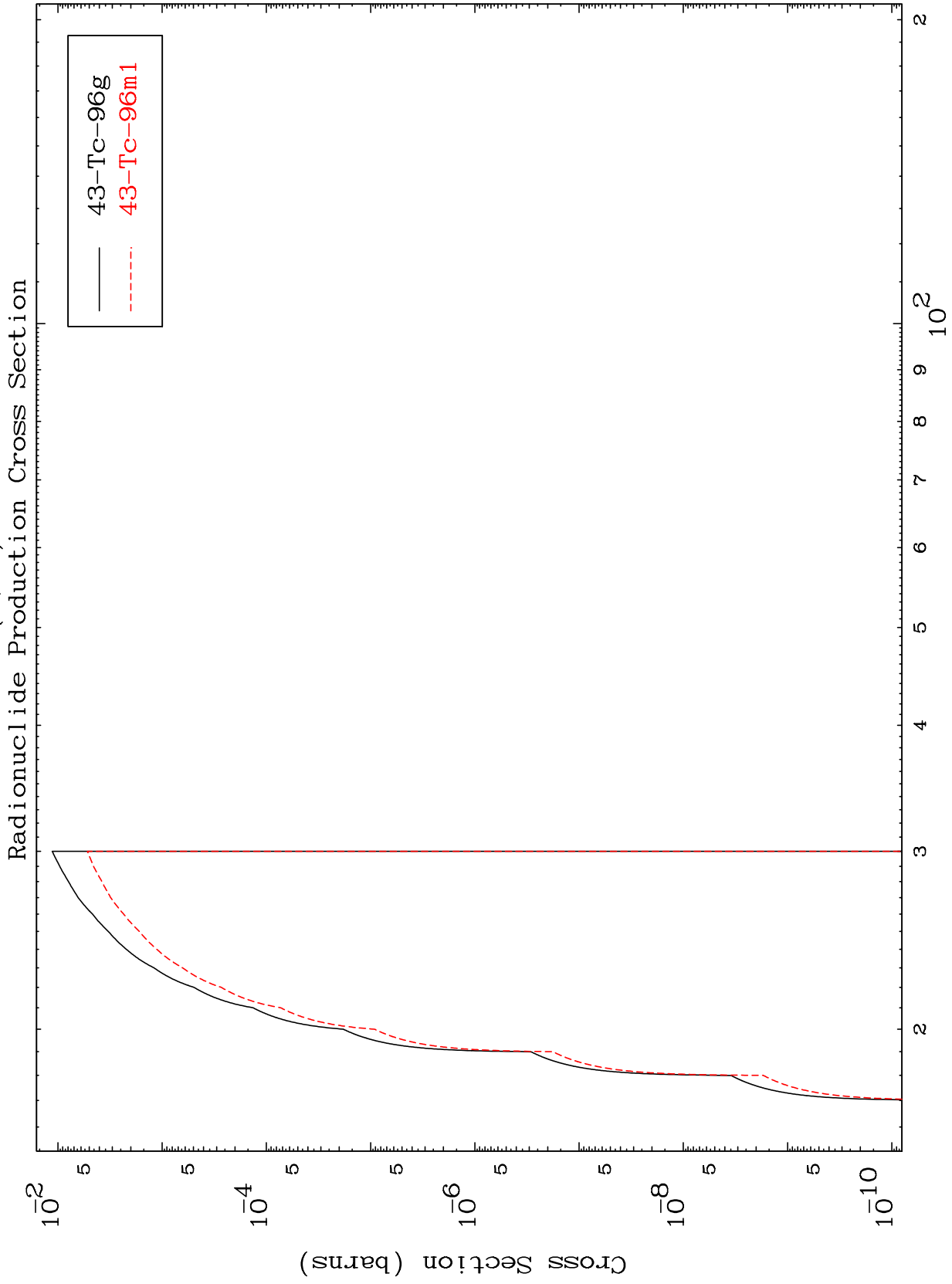
Incident Energy (MeV)

44-Ru-98

MAT 4431

(n, n') d

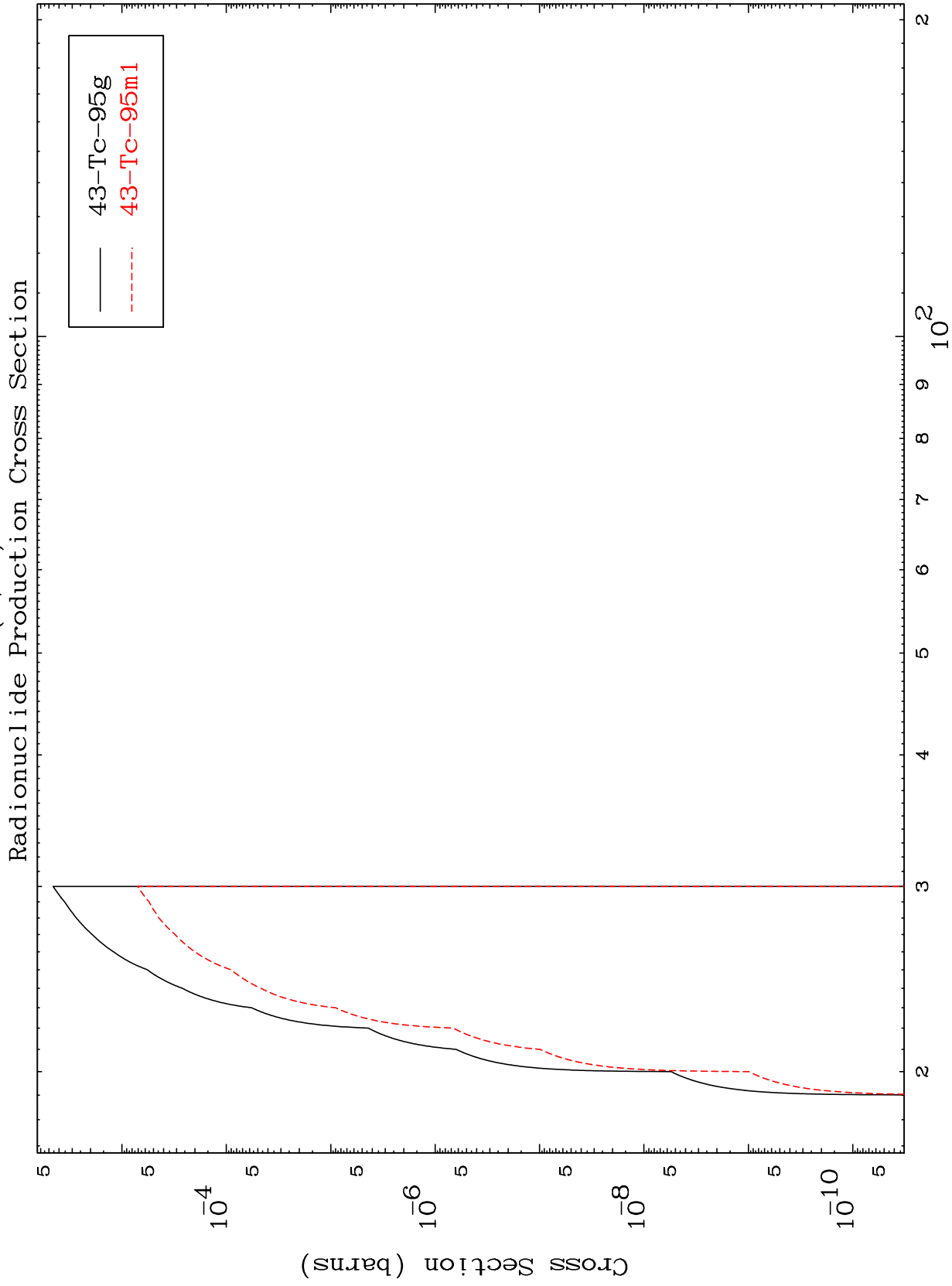
44-Ru-98



133

Incident Energy (MeV)

44-Ru-98

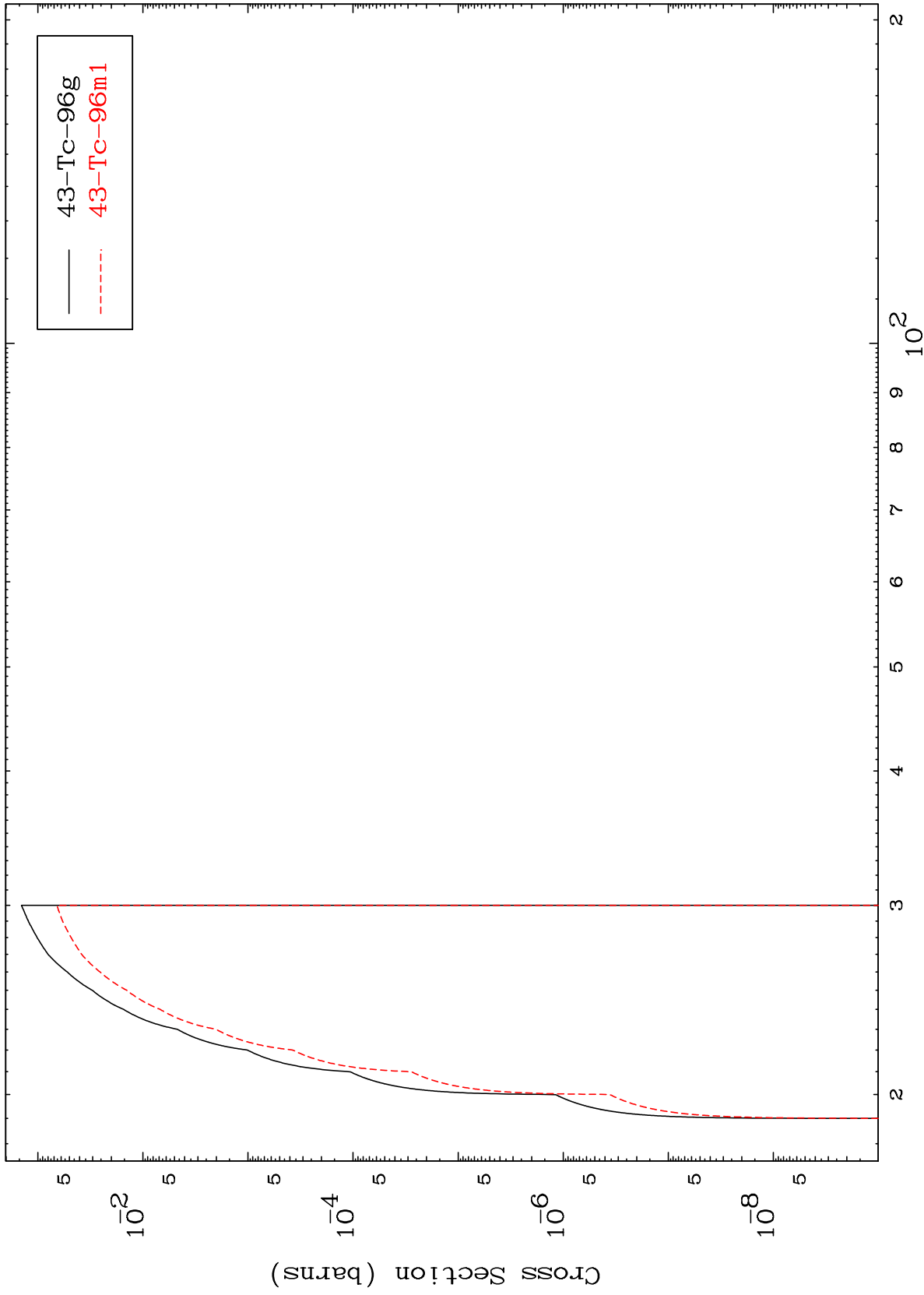


MAT 4431

(n,2n) p

44-Ru-98

Radionuclide Production Cross Section



135

Incident Energy (MeV)

44-Ru-98

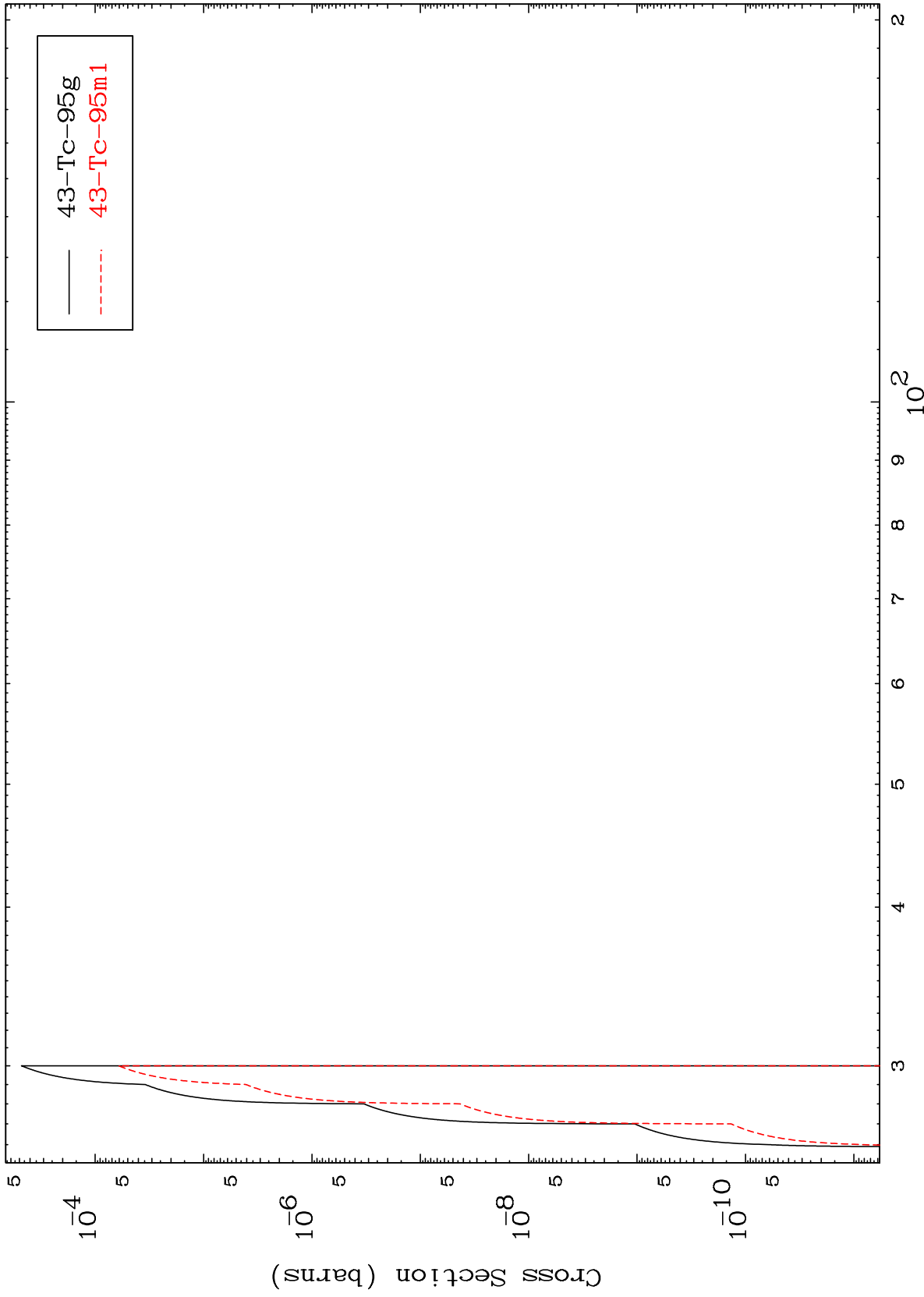


MAT 4431

(n,3n) p

44-Ru-98

Radionuclide Production Cross Section



136

Incident Energy (MeV)

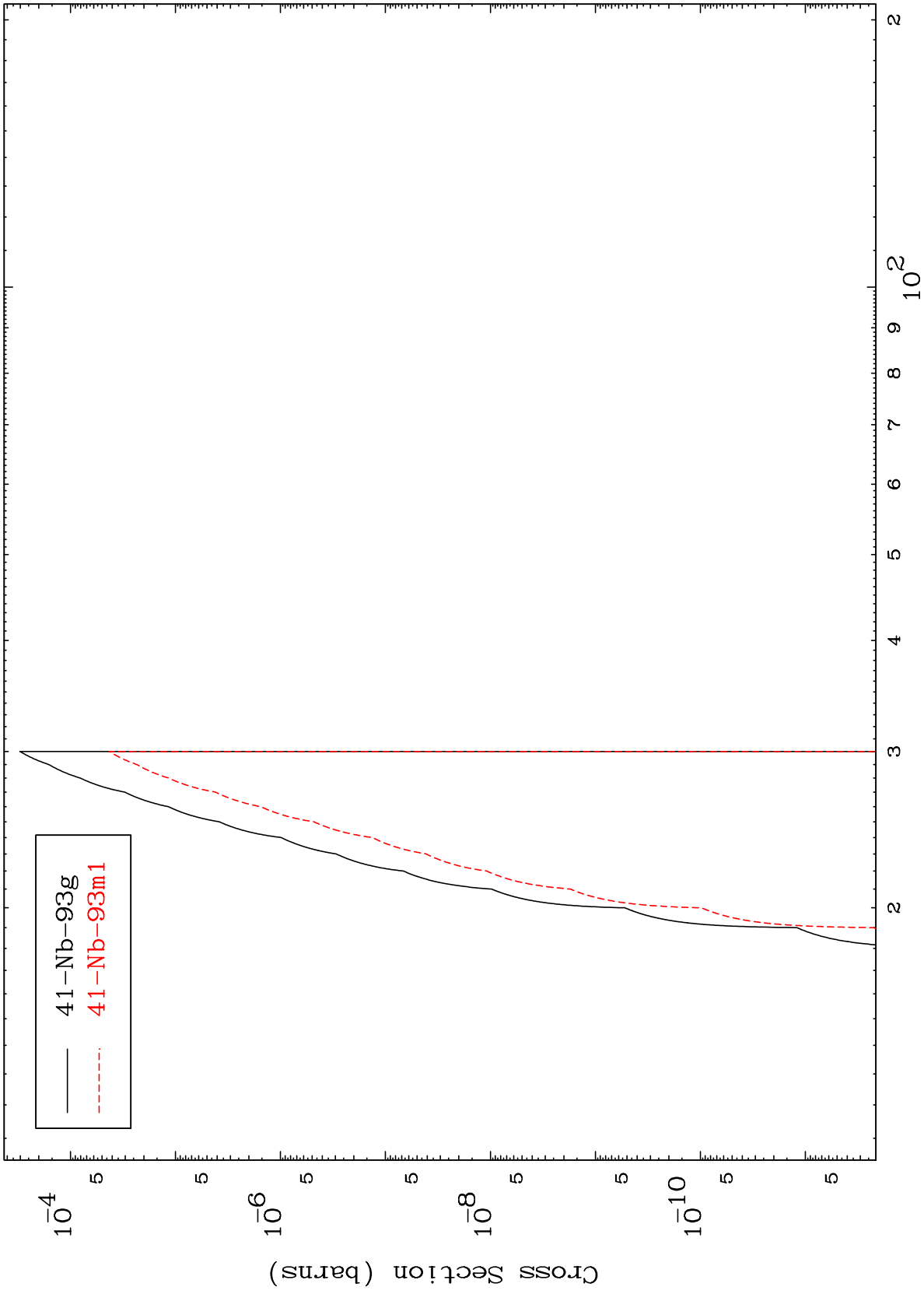
44-Ru-98

MAT 4431

(n,n') p  $\alpha$

44-Ru-98

Radionuclide Production Cross Section



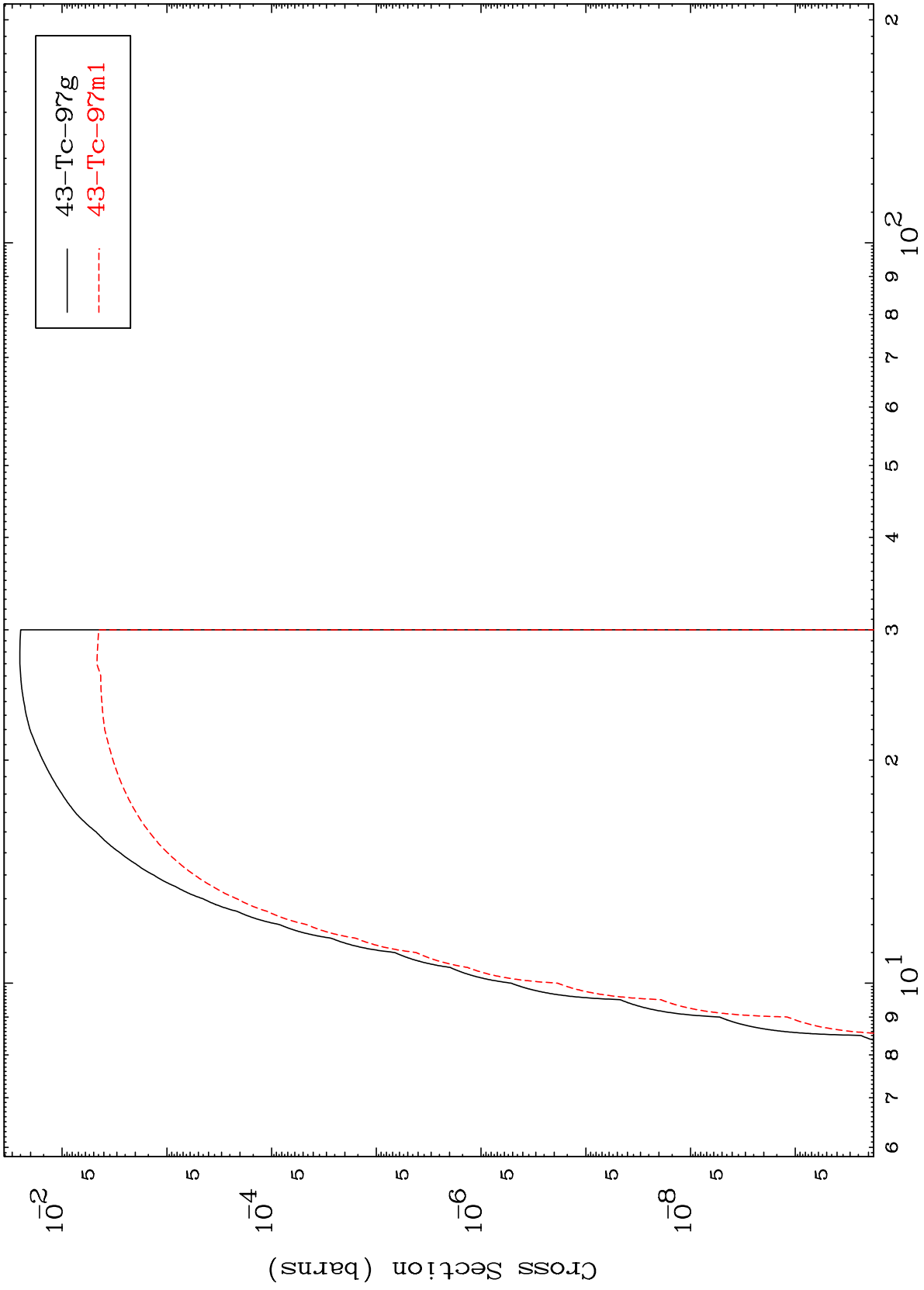
137

44-Ru-98

MAT 4431

44-Ru-98

(n,d)  
Radionuclide Production Cross Section



138

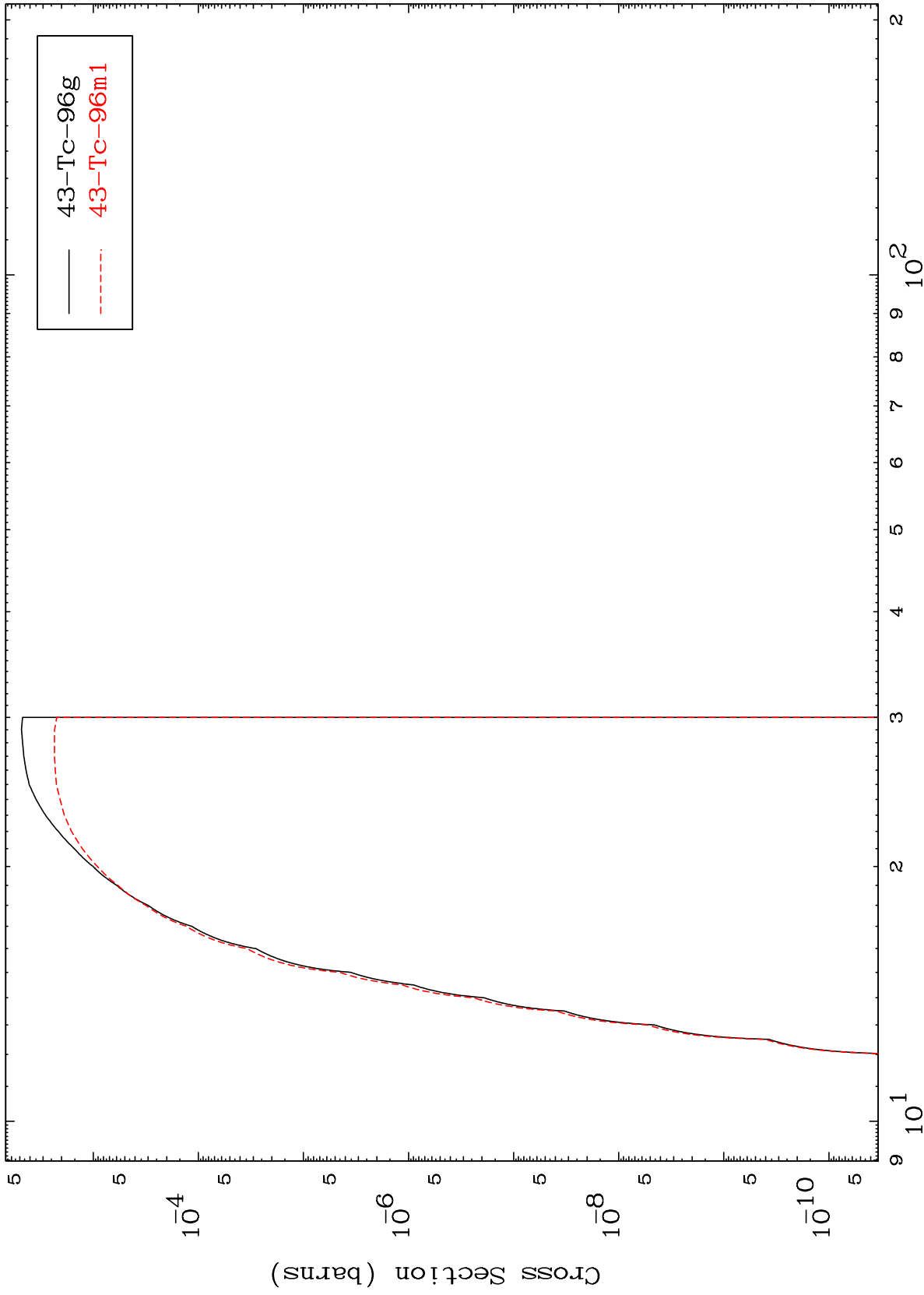
44-Ru-98

MAT 4431

(n, t)

44-Ru-98

Radionuclide Production Cross Section



139

Incident Energy (MeV)

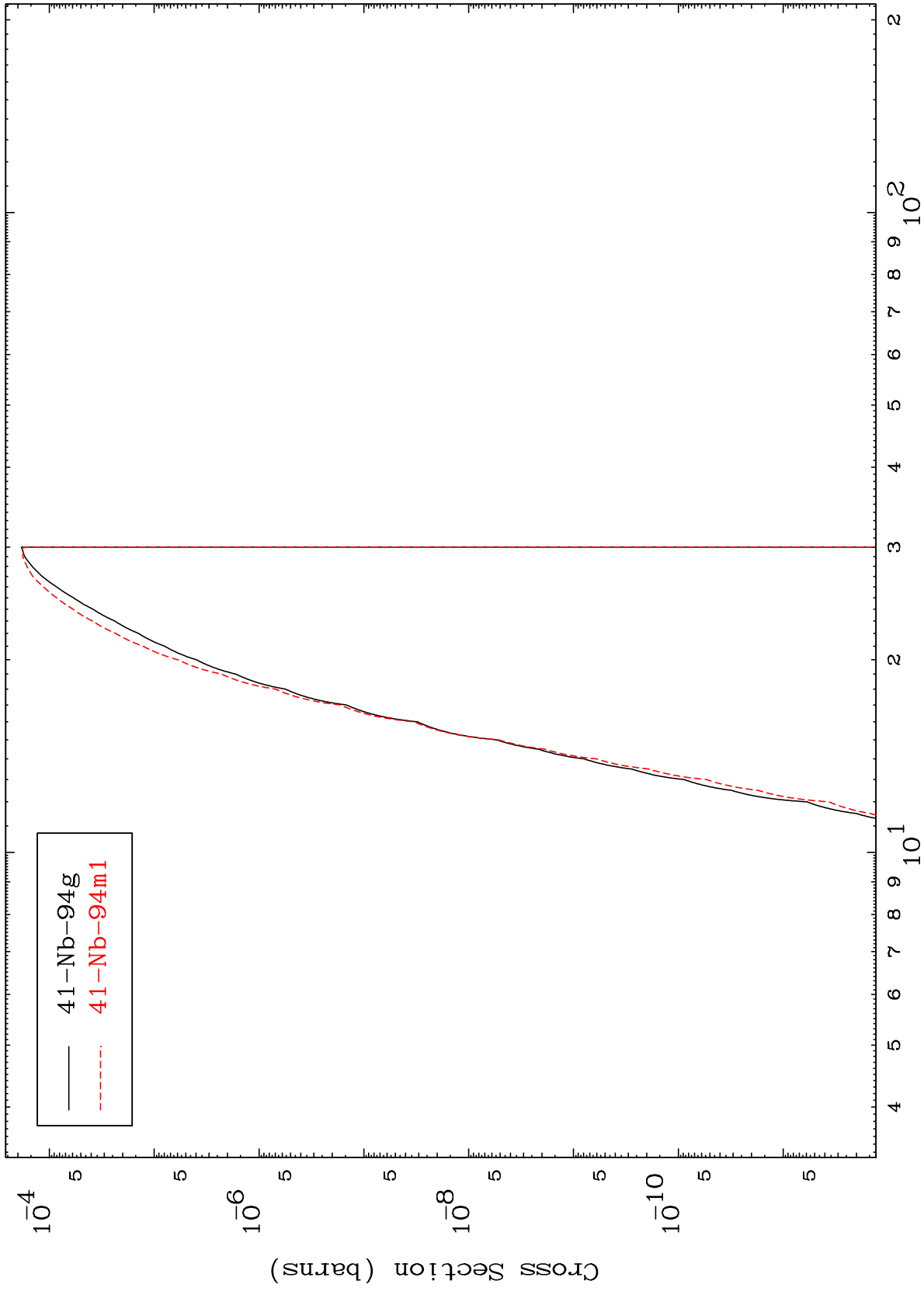
44-Ru-98

MAT 4431

(n,p)  $\alpha$

44-Ru-98

Radionuclide Production Cross Section



140

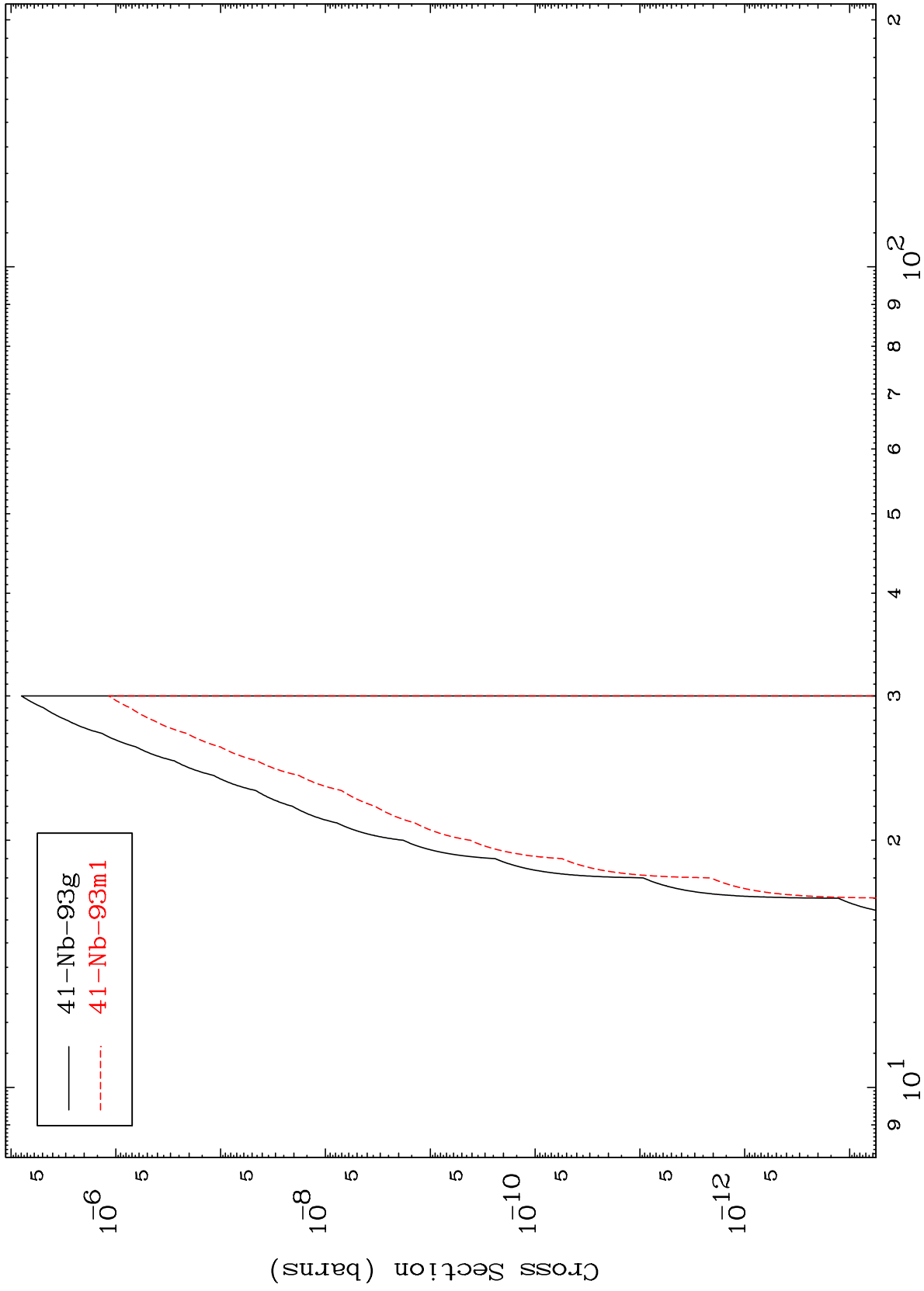
44-Ru-98

MAT 4431

(n,d)  $\alpha$

44-Ru-98

Radionuclide Production Cross Section



141

44-Ru-98