

Program EVALPLOT
(Version 2017-1)

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

Web:redcullen1.net/HOMEPAGE.NEW

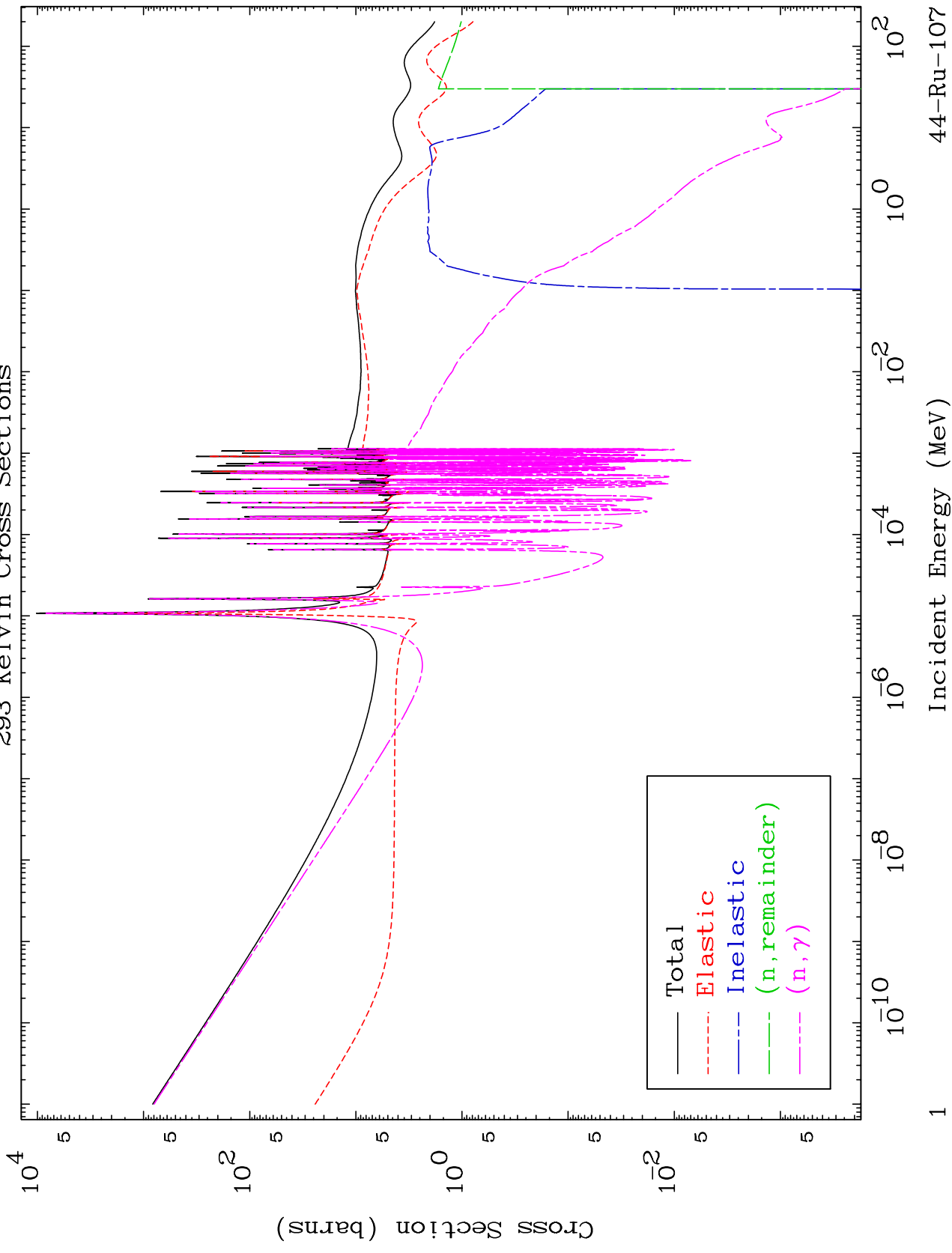
Press Mouse Button to Start

MAT 4458

Major

293 Kelvin Cross Sections

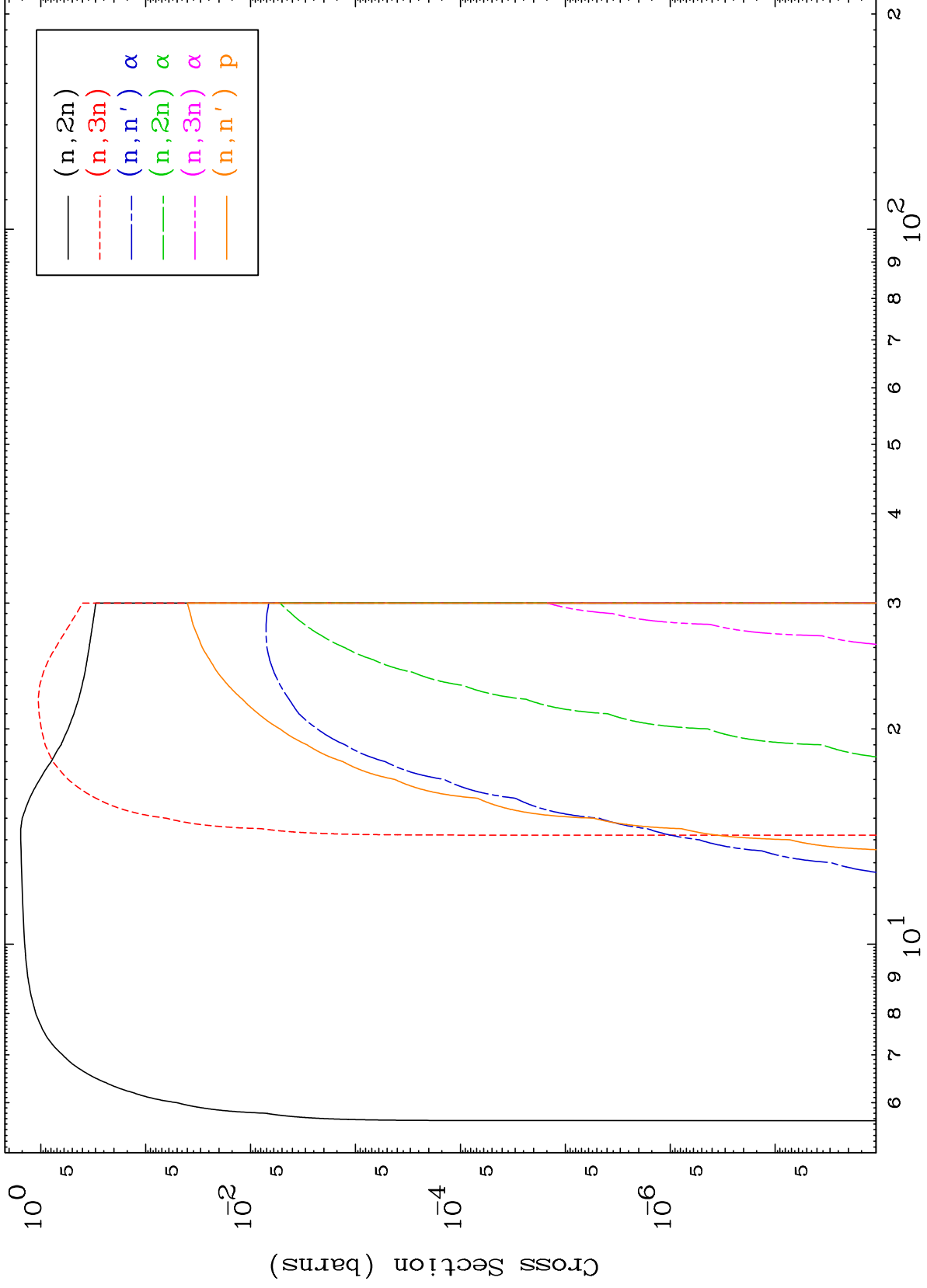
44-Ru-107



MAT 4458

Neutron Production
293 Kelvin Cross Sections

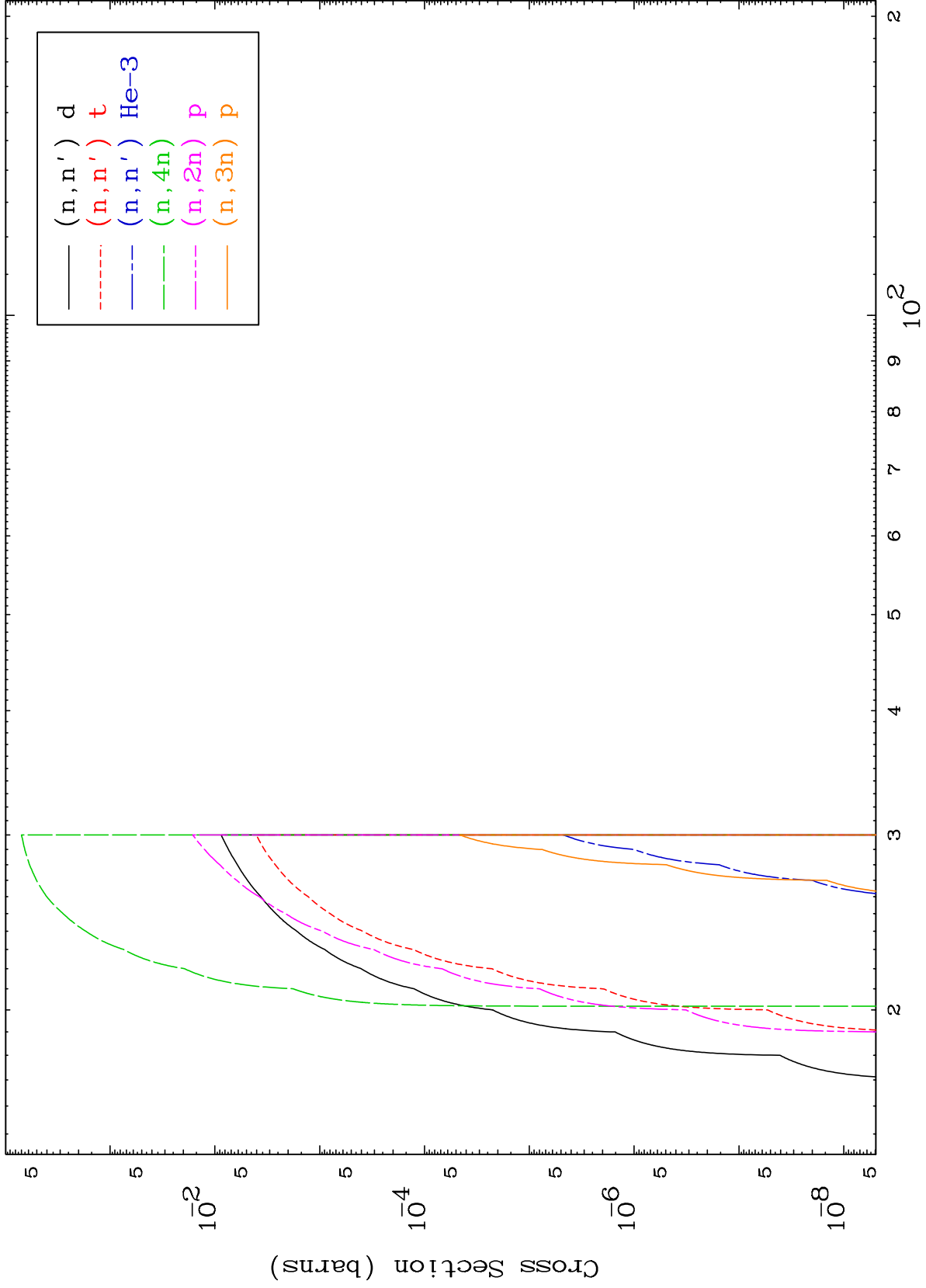
44-Ru-107

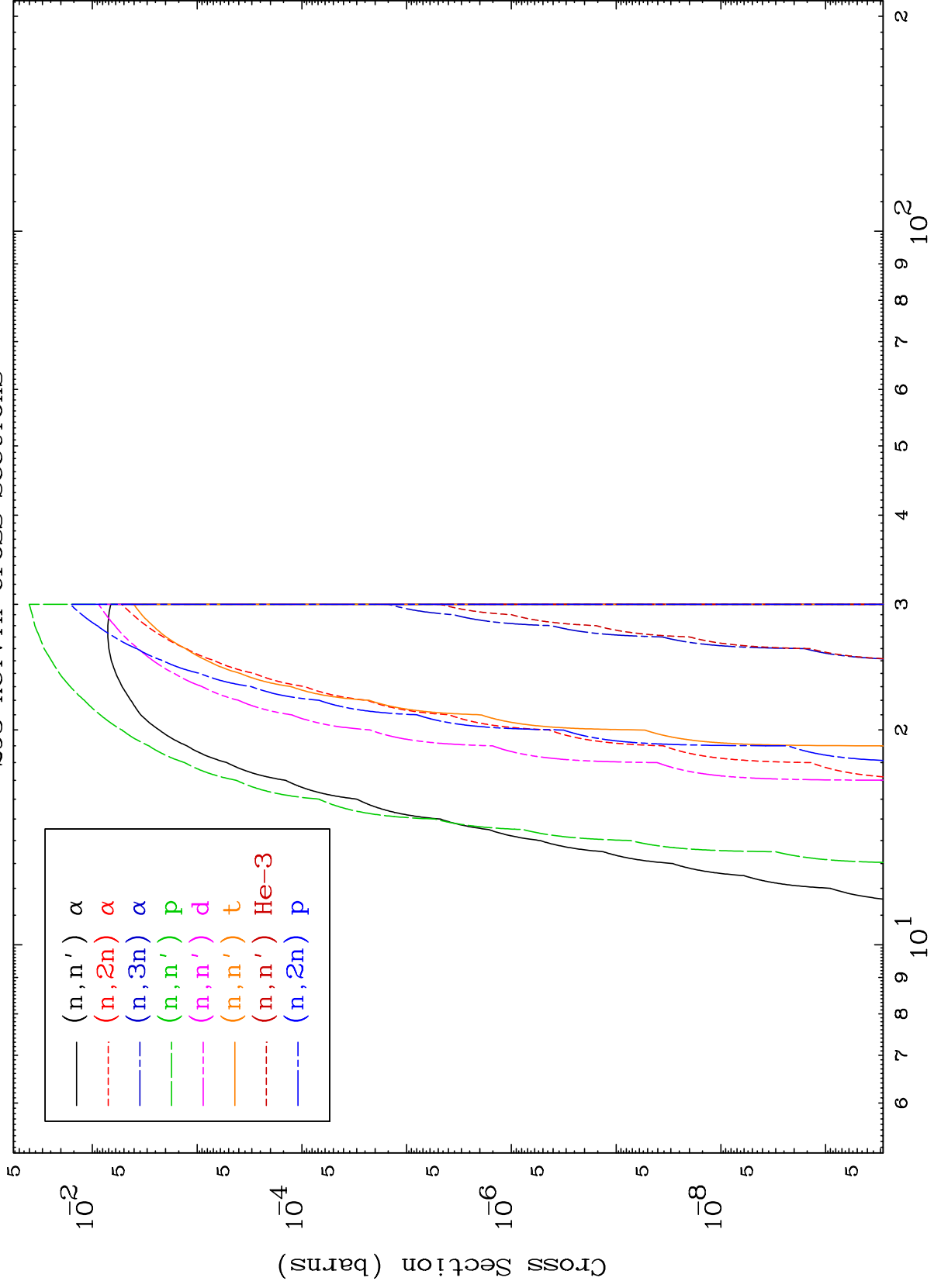


2

Incident Energy (MeV)

44-Ru-107

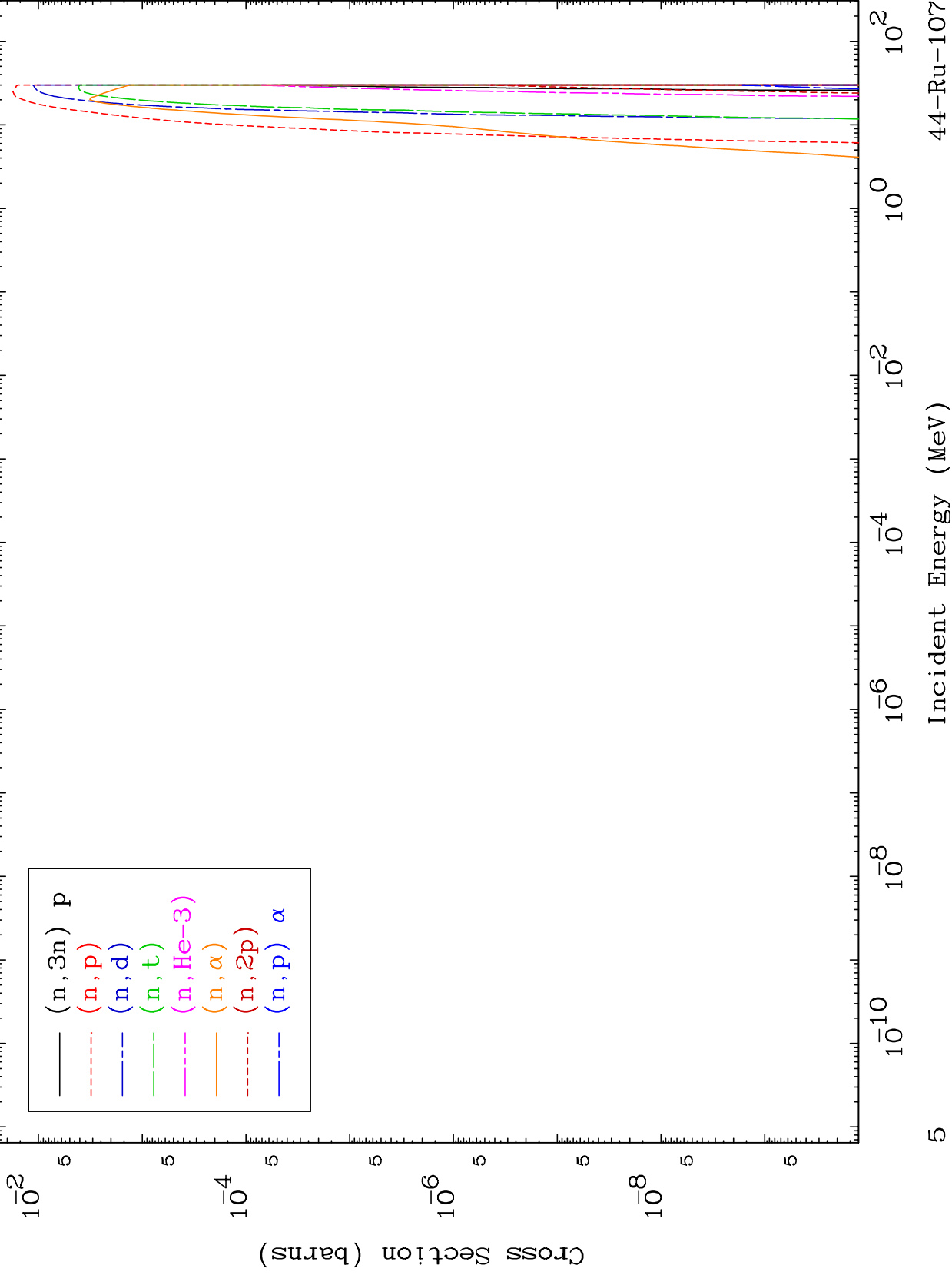




MAT 4458

Charged Particle
293 Kelvin Cross Sections

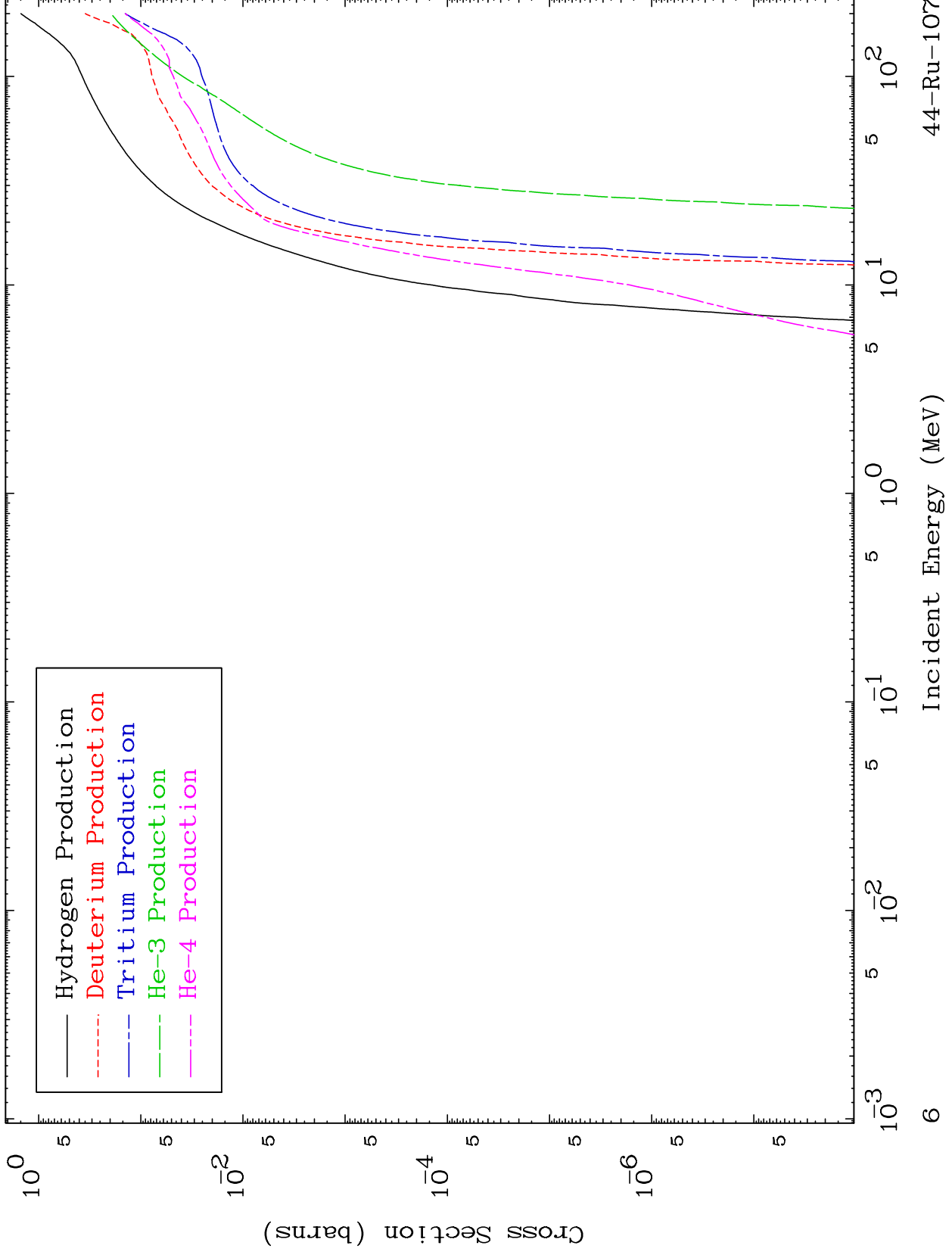
44-Ru-107



MAT 4458

Particle Production
293 Kelvin Cross Sections

44-Ru-107



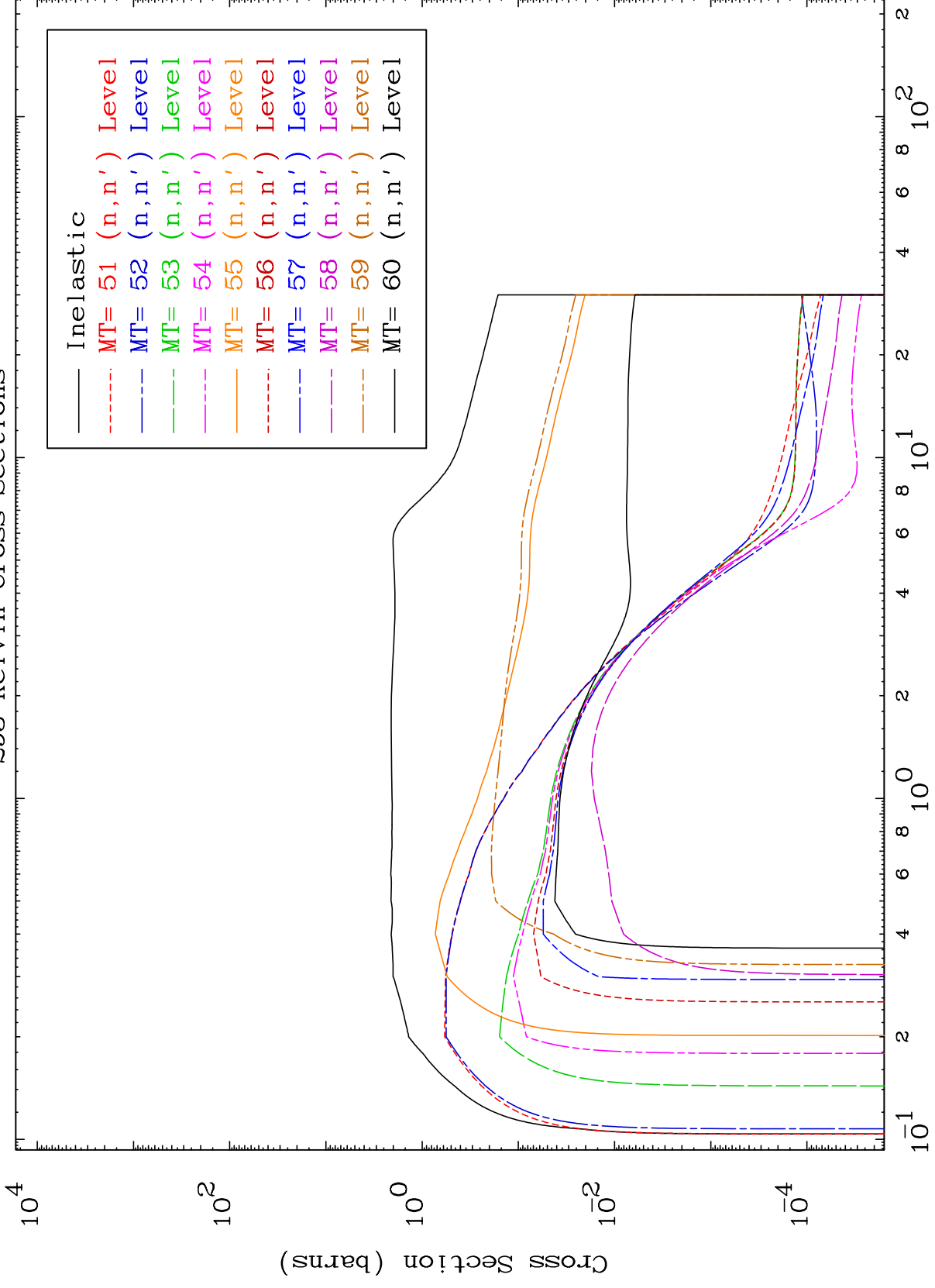
- Hydrogen Production
- Deuterium Production
- Tritium Production
- He-3 Production
- He-4 Production

MAT 4458

(n,n') Level

44-Ru-107

293 Kelvin Cross Sections



Incident Energy (MeV)

44-Ru-107

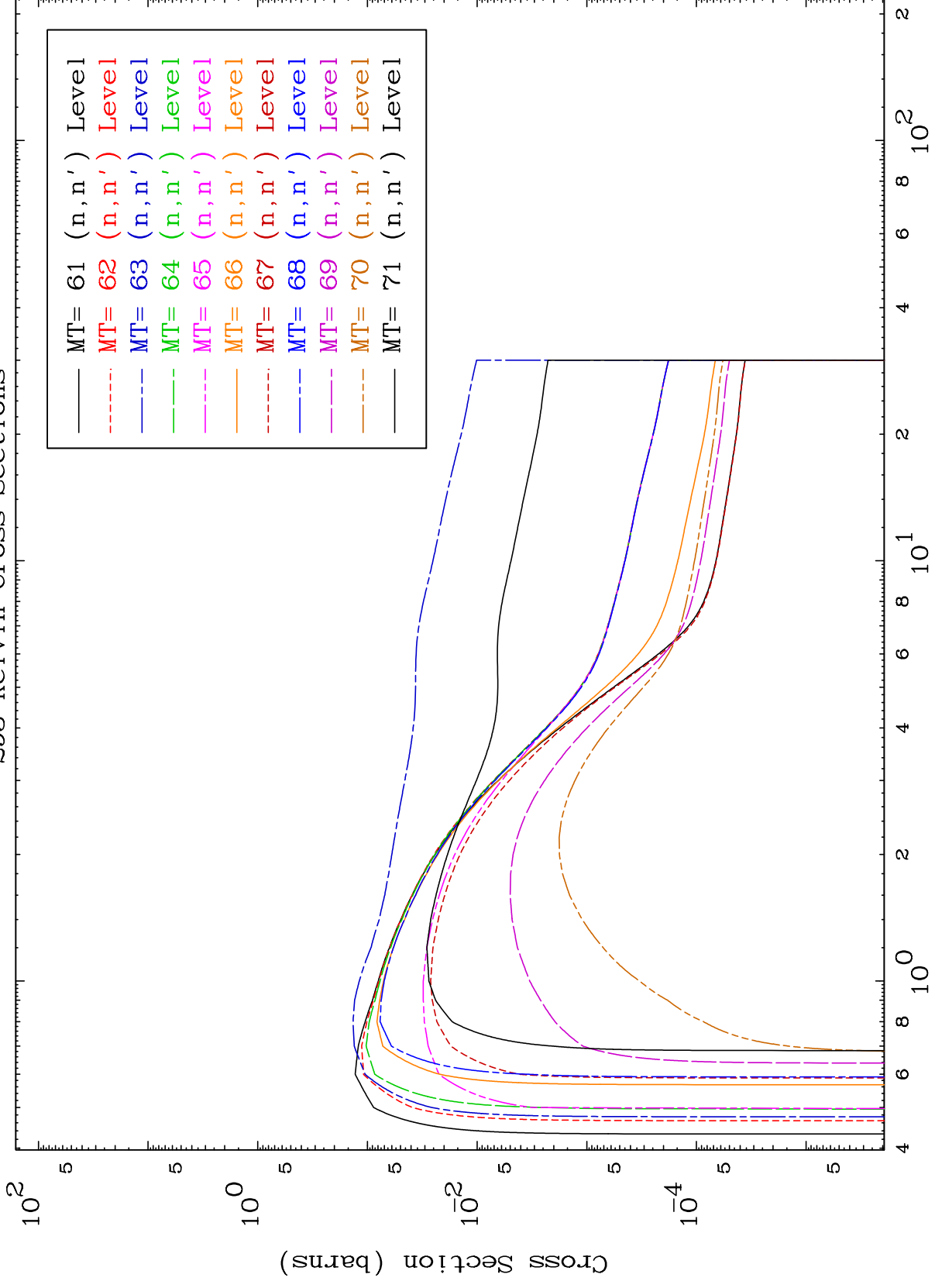
7

MAT 4458

(n,n') Level

44-Ru-107

293 Kelvin Cross Sections



Incident Energy (MeV)

44-Ru-107

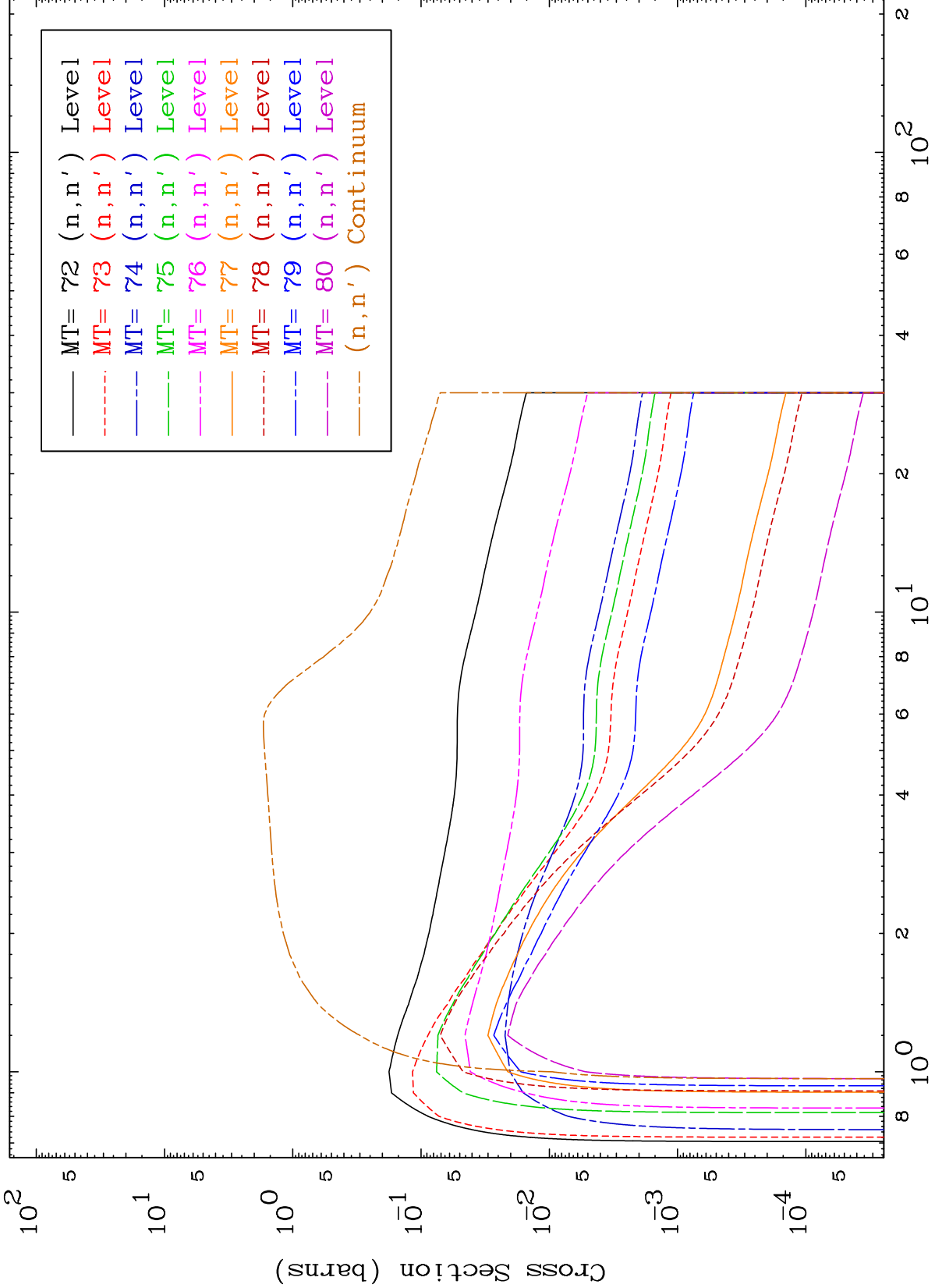
8

MAT 4458

(n,n') Level

44-Ru-107

293 Kelvin Cross Sections



9

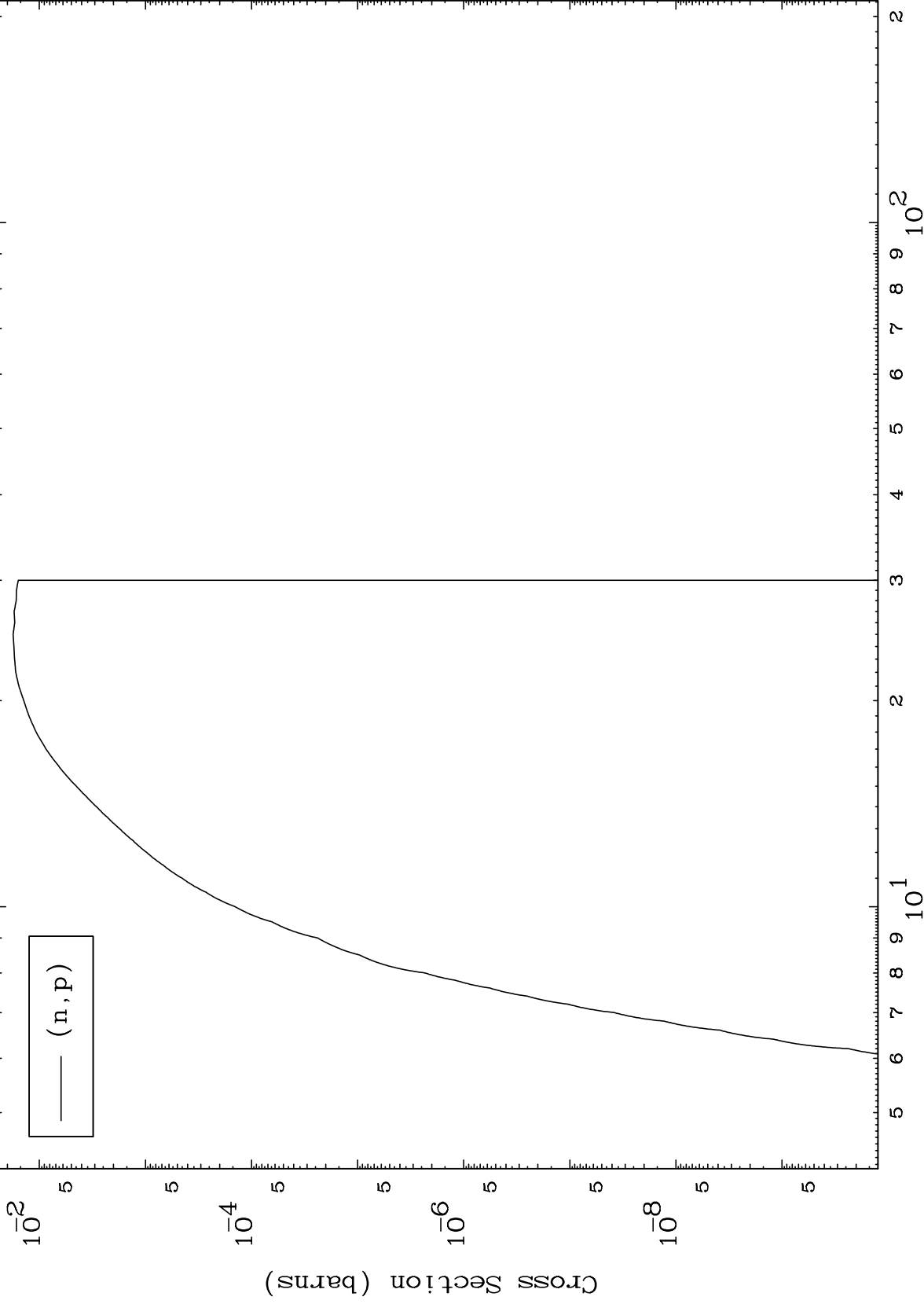
Incident Energy (MeV)

44-Ru-107

MAT 4458

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-107



10

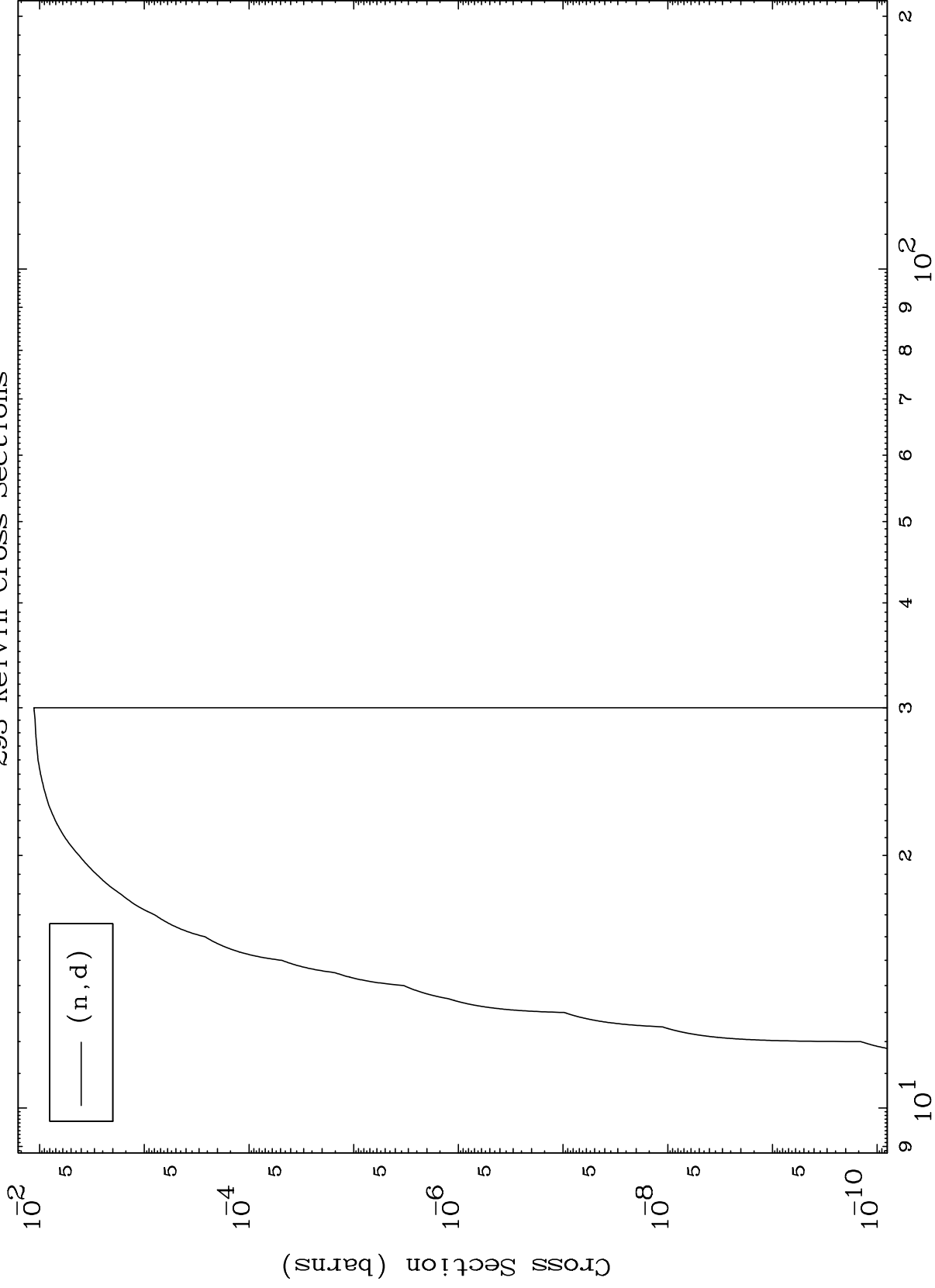
Incident Energy (MeV)

44-Ru-107

MAT 4458

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-107



11

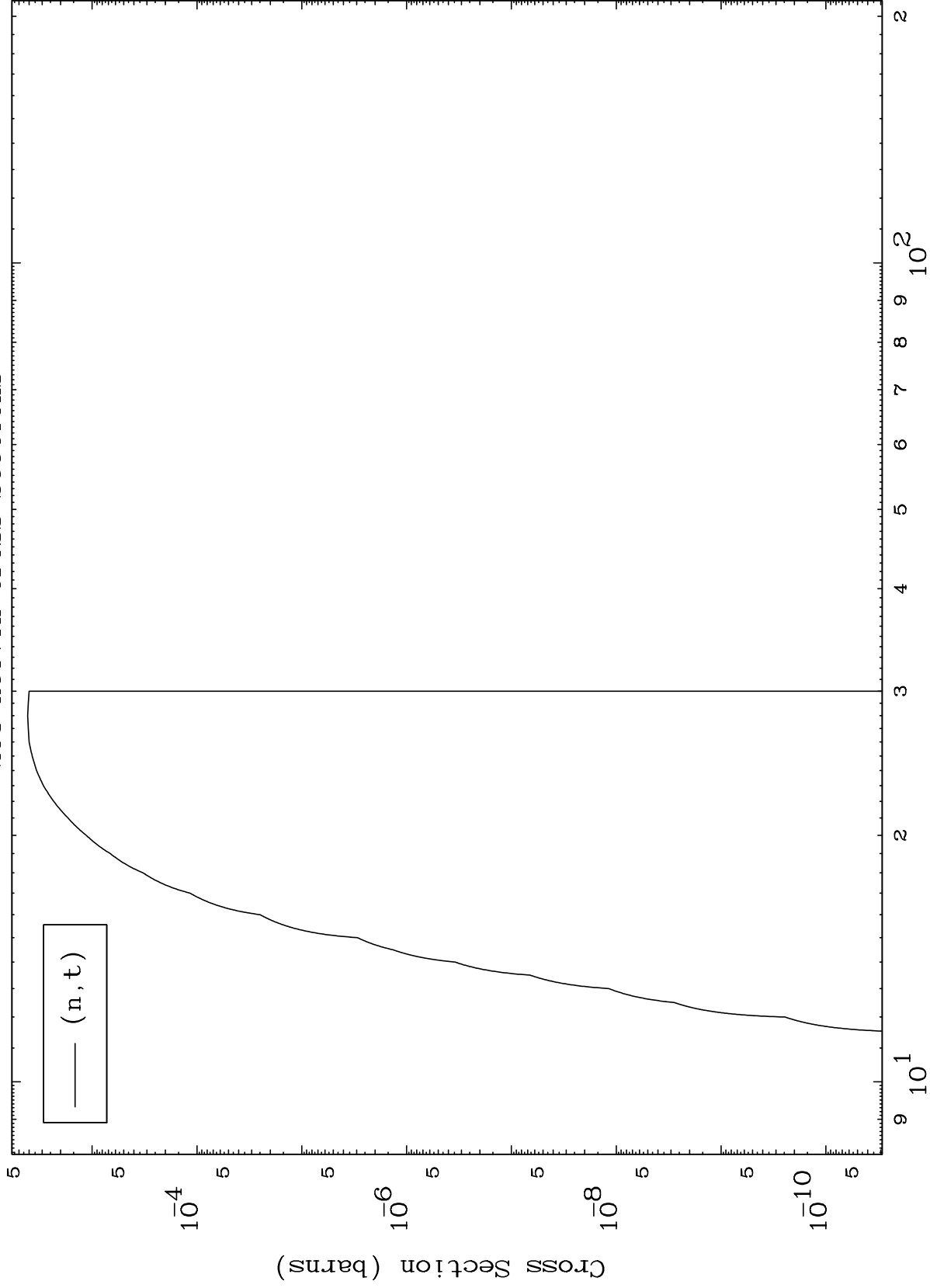
Incident Energy (MeV)

44-Ru-107

MAT 4458

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-107



12

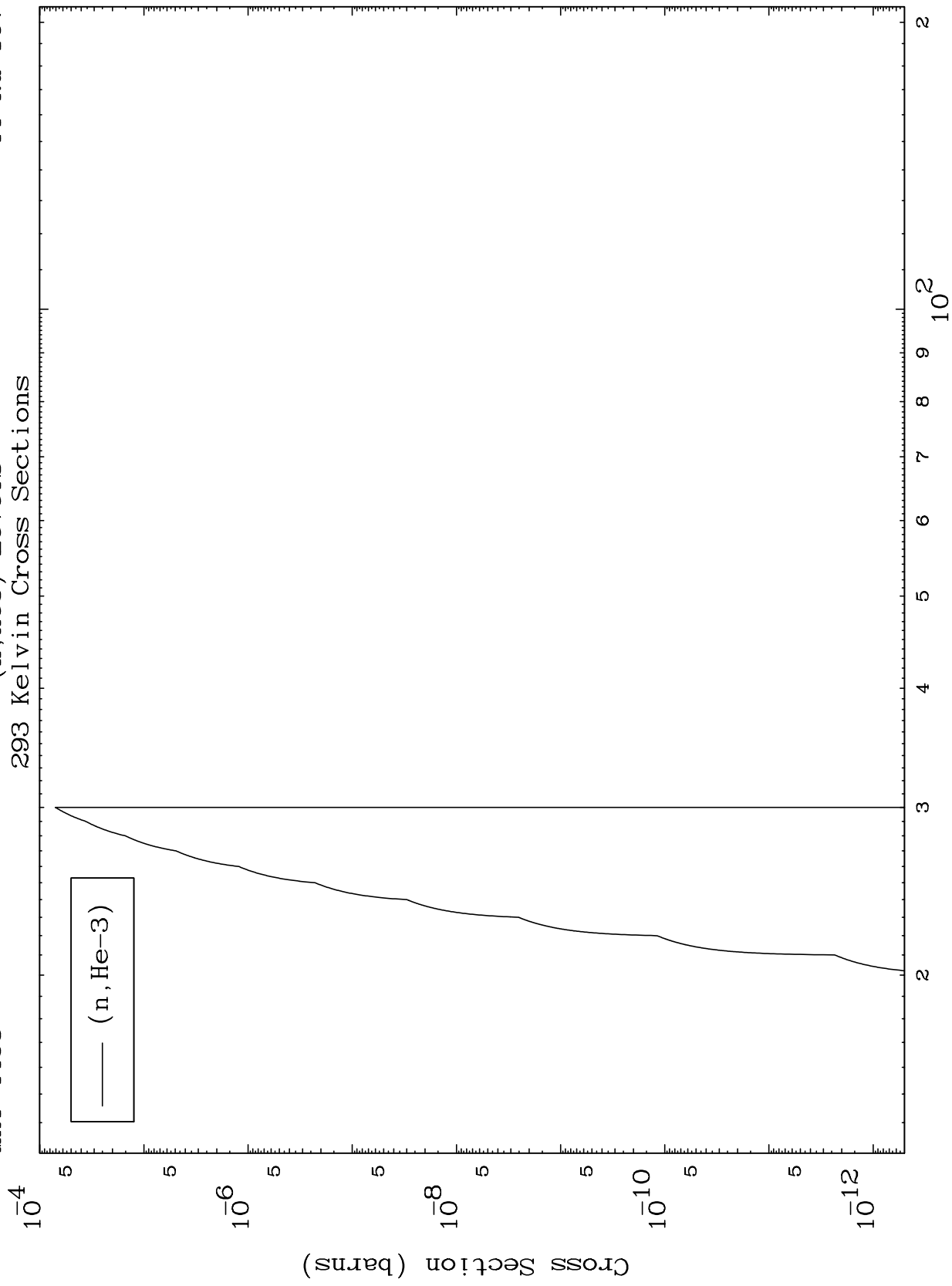
Incident Energy (MeV)

44-Ru-107

MAT 4458

44-Ru-107

(n,He3) Levels
293 Kelvin Cross Sections



13

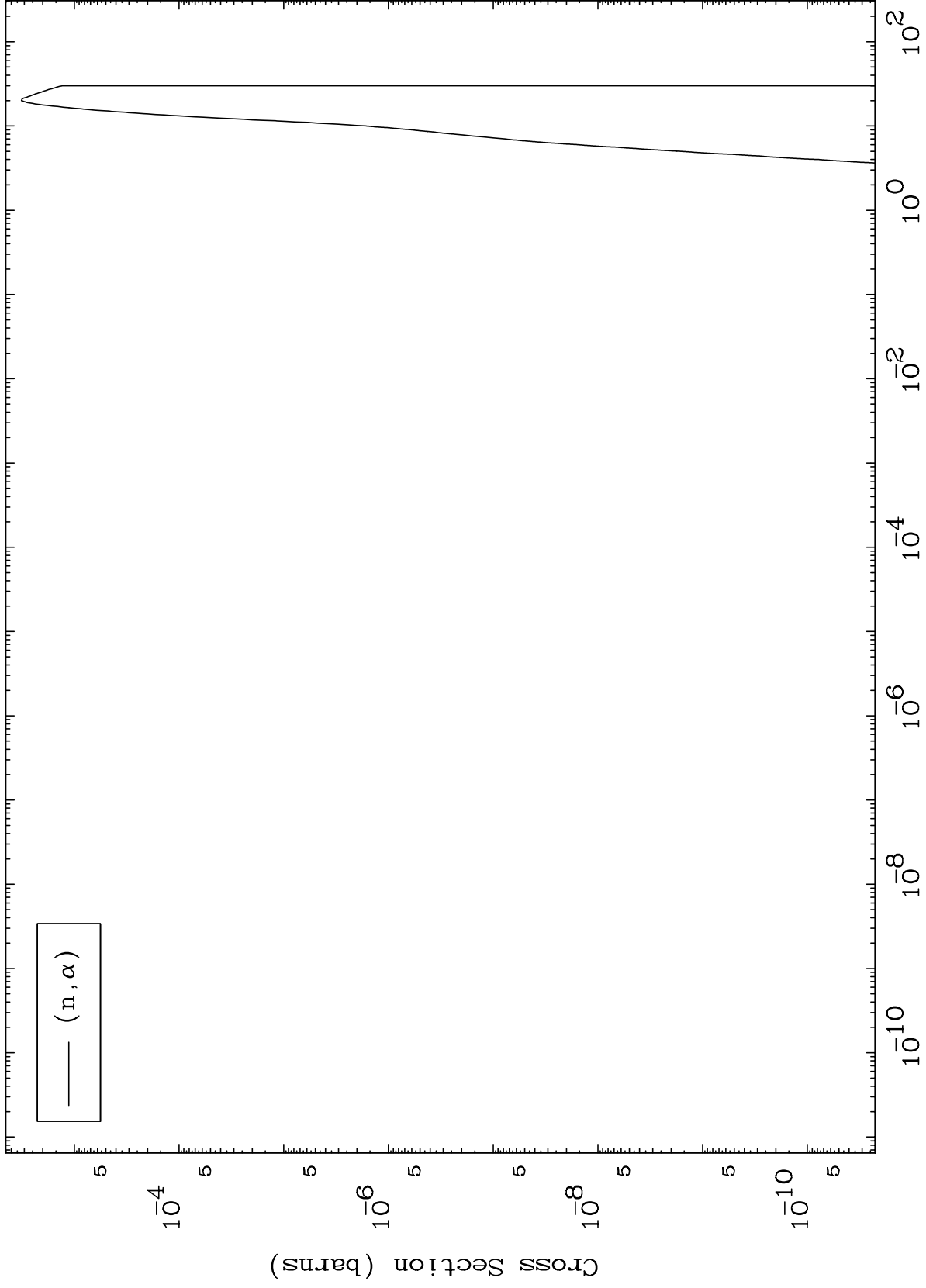
Incident Energy (MeV)

44-Ru-107

MAT 4458

(n, α) Levels
293 Kelvin Cross Sections

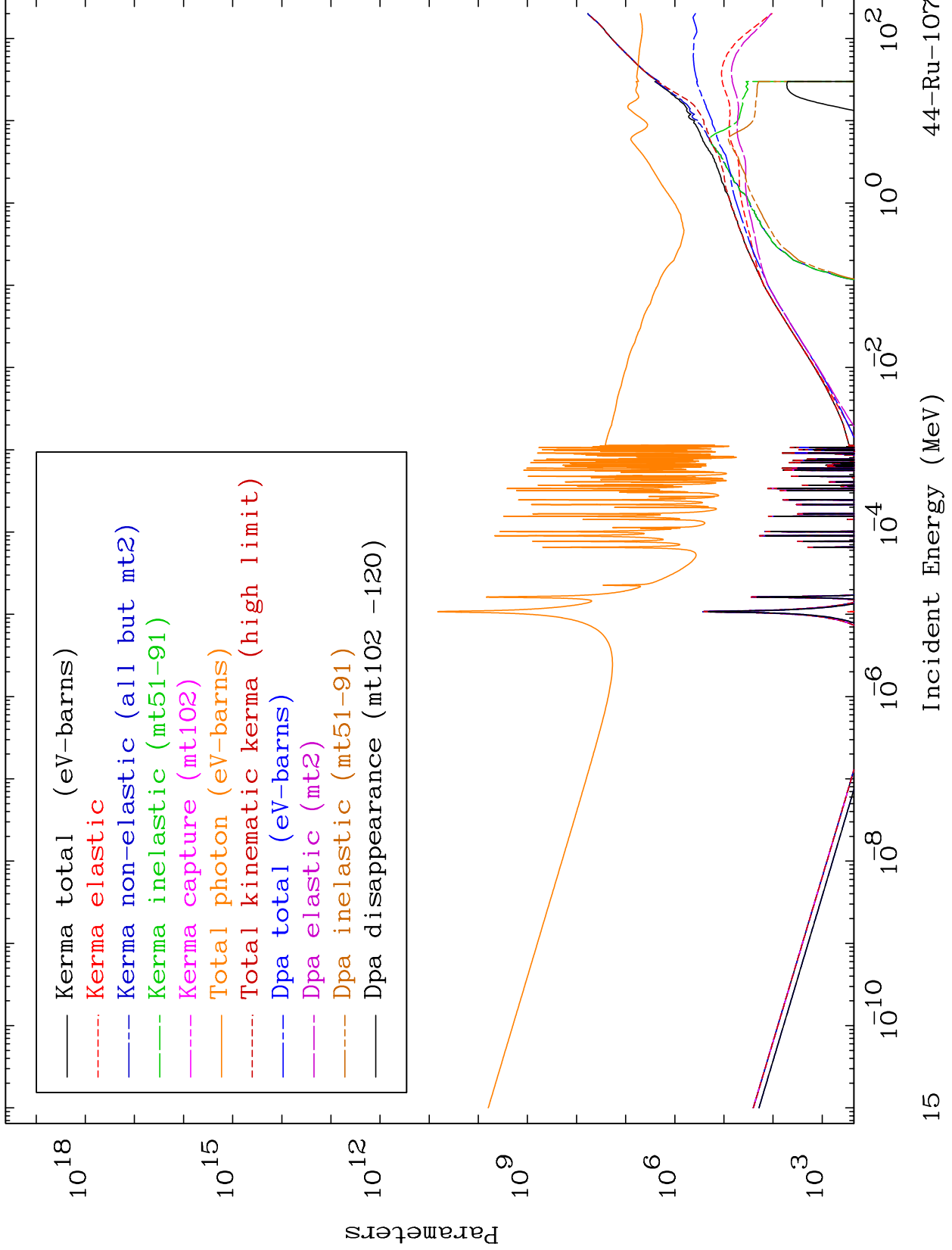
44-Ru-107



14

Incident Energy (MeV)

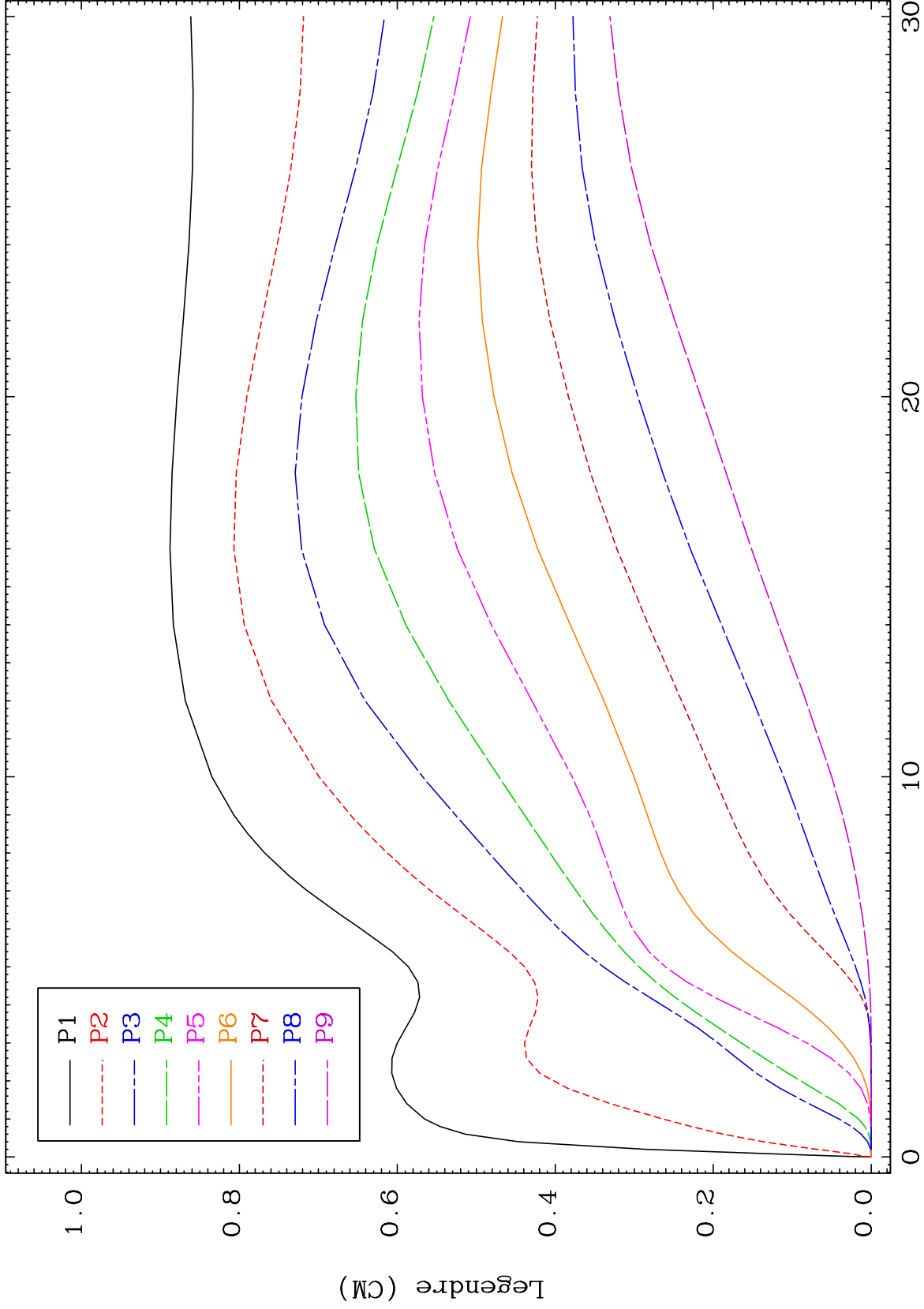
44-Ru-107



MAT 4458

Elastic Legendre Coefficients

44-Ru-107



16

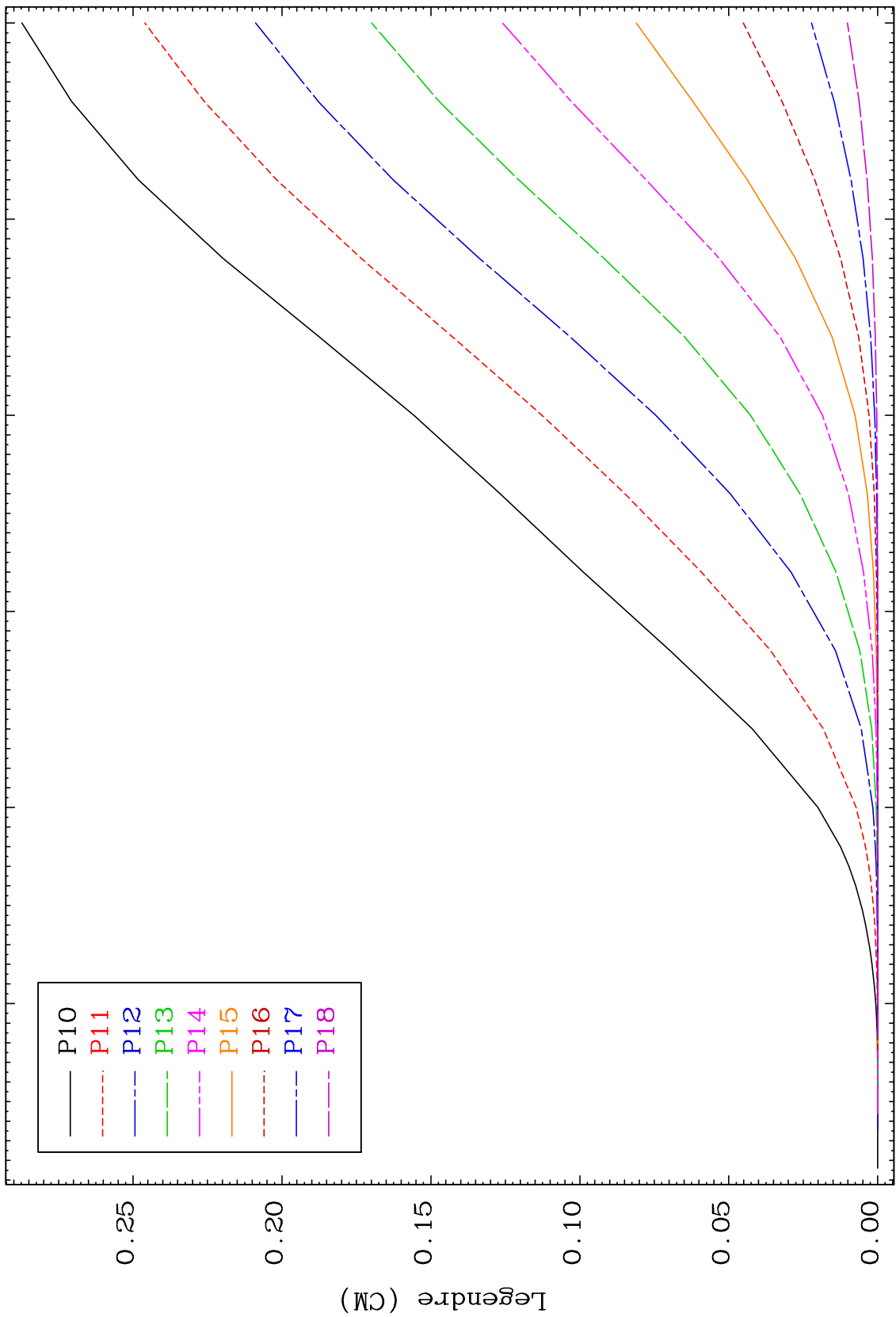
Incident Energy (MeV)

44-Ru-107

MAT 4458

Elastic Legendre Coefficients

44-Ru-107



17

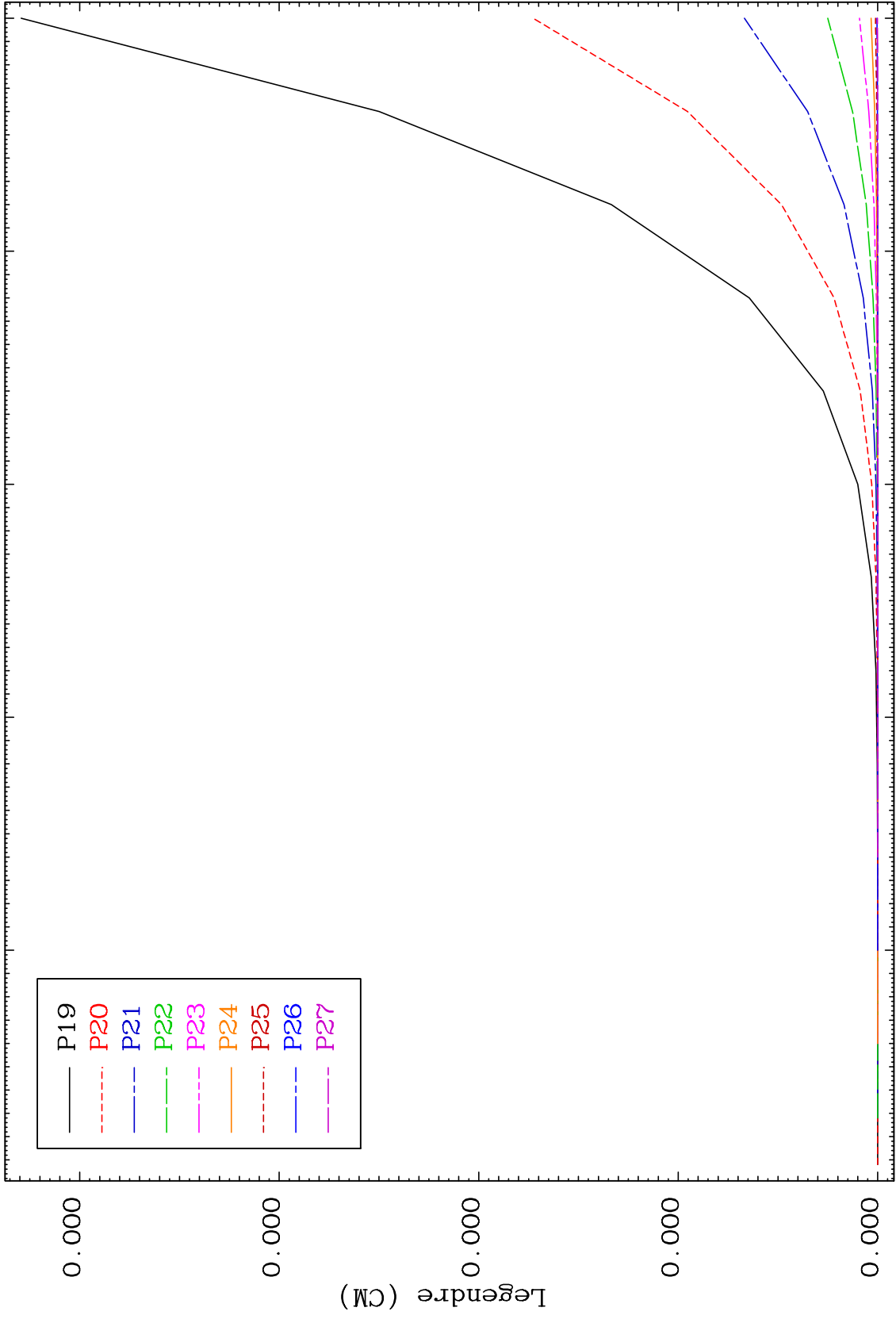
Incident Energy (MeV)

44-Ru-107

MAT 4458

Elastic Legendre Coefficients

44-Ru-107



18

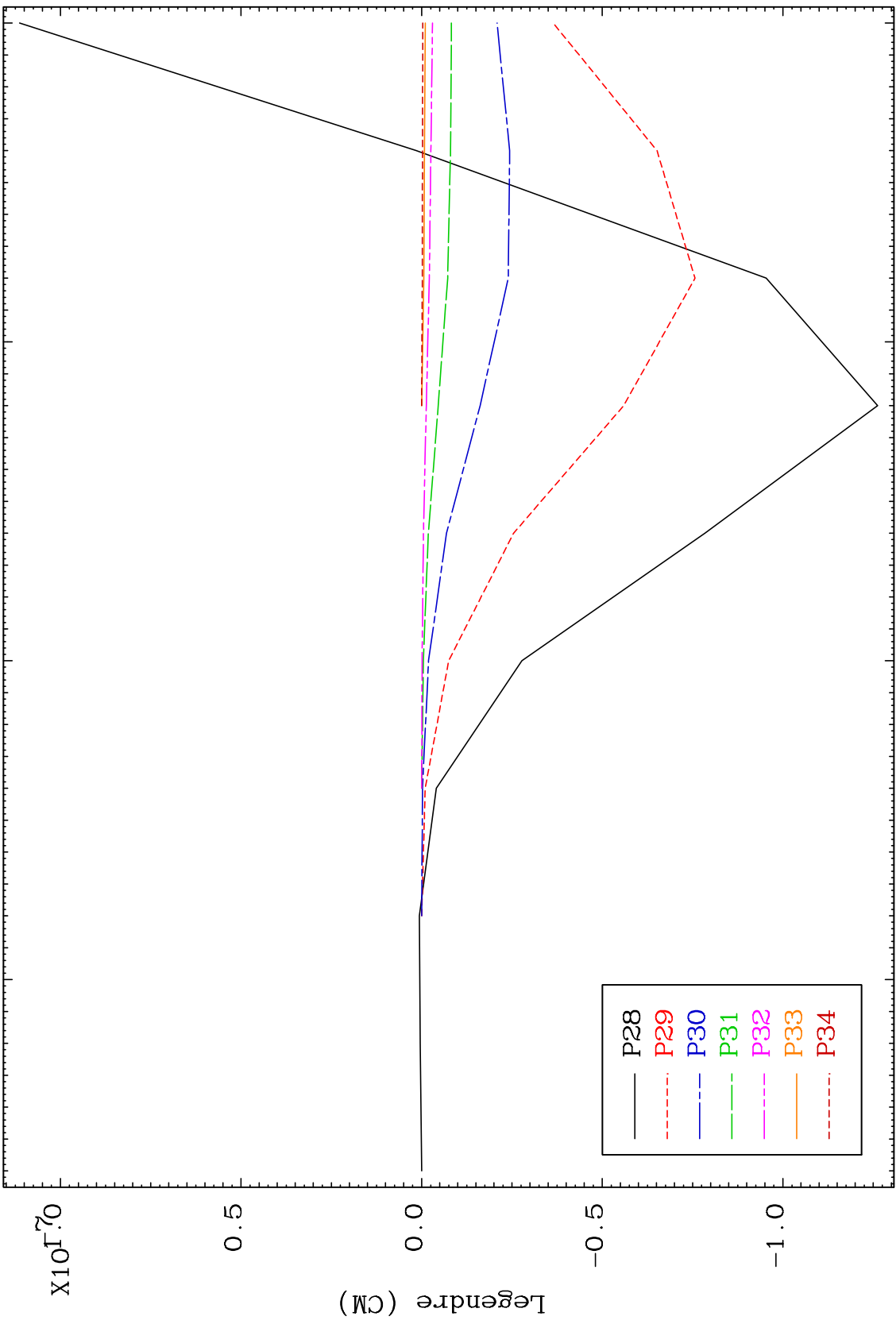
Incident Energy (MeV)

44-Ru-107

MAT 4458

Elastic Legendre Coefficients

44-Ru-107



19

Incident Energy (MeV)

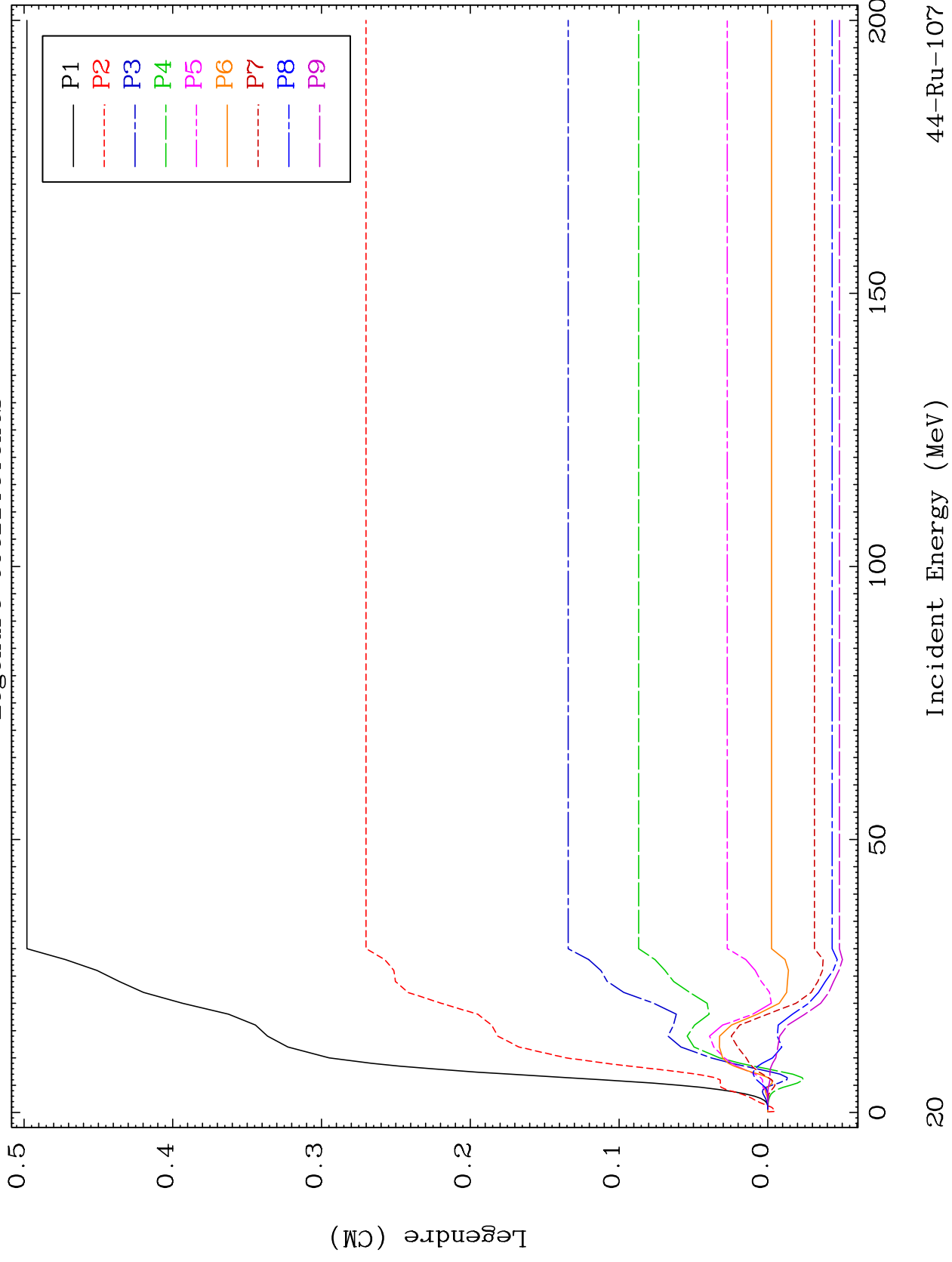
44-Ru-107

MAT 4458

MT= 51 (n,n') Level

44-Ru-107

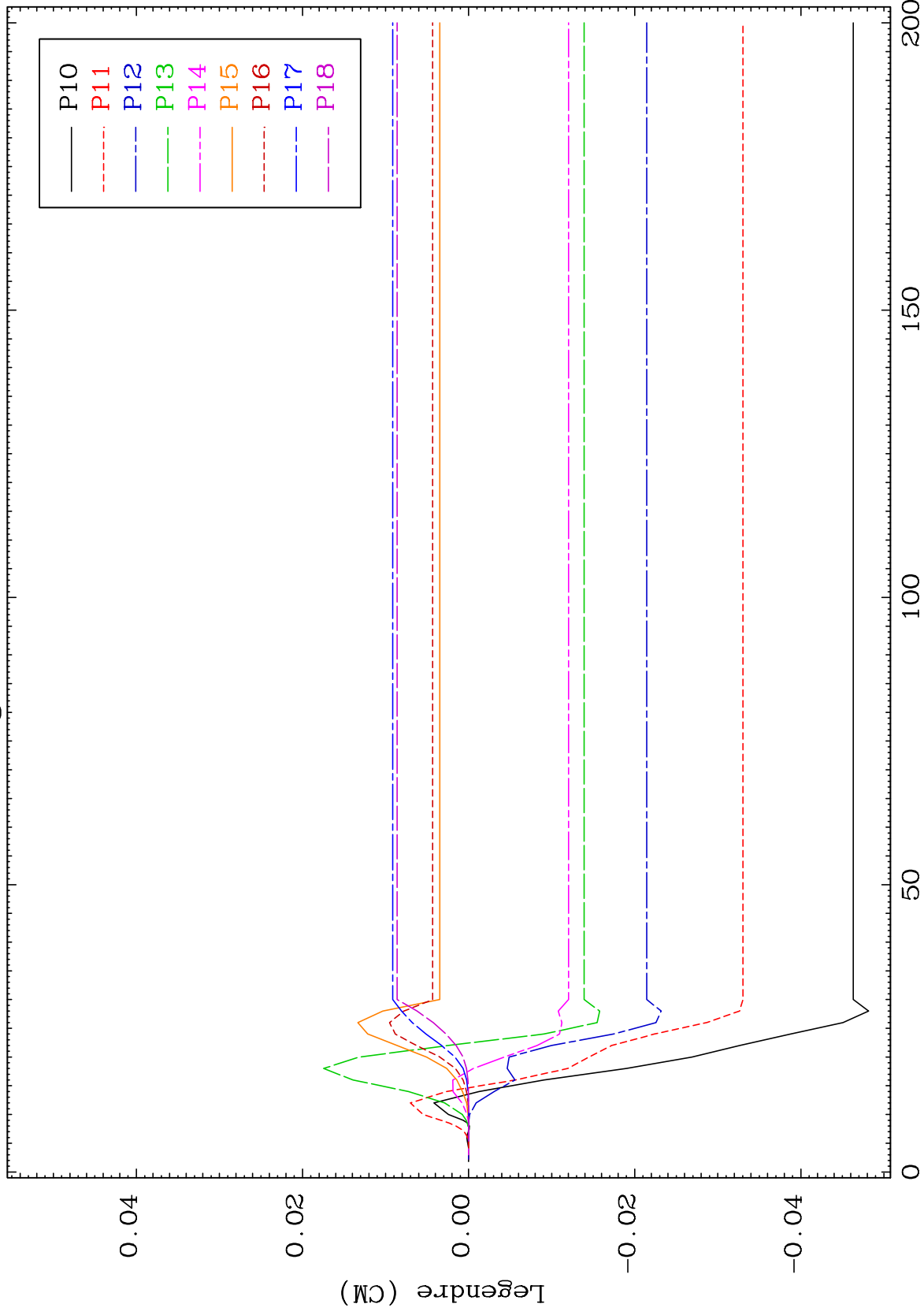
Legendre Coefficients



MAT 4458

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

44-Ru-107



21

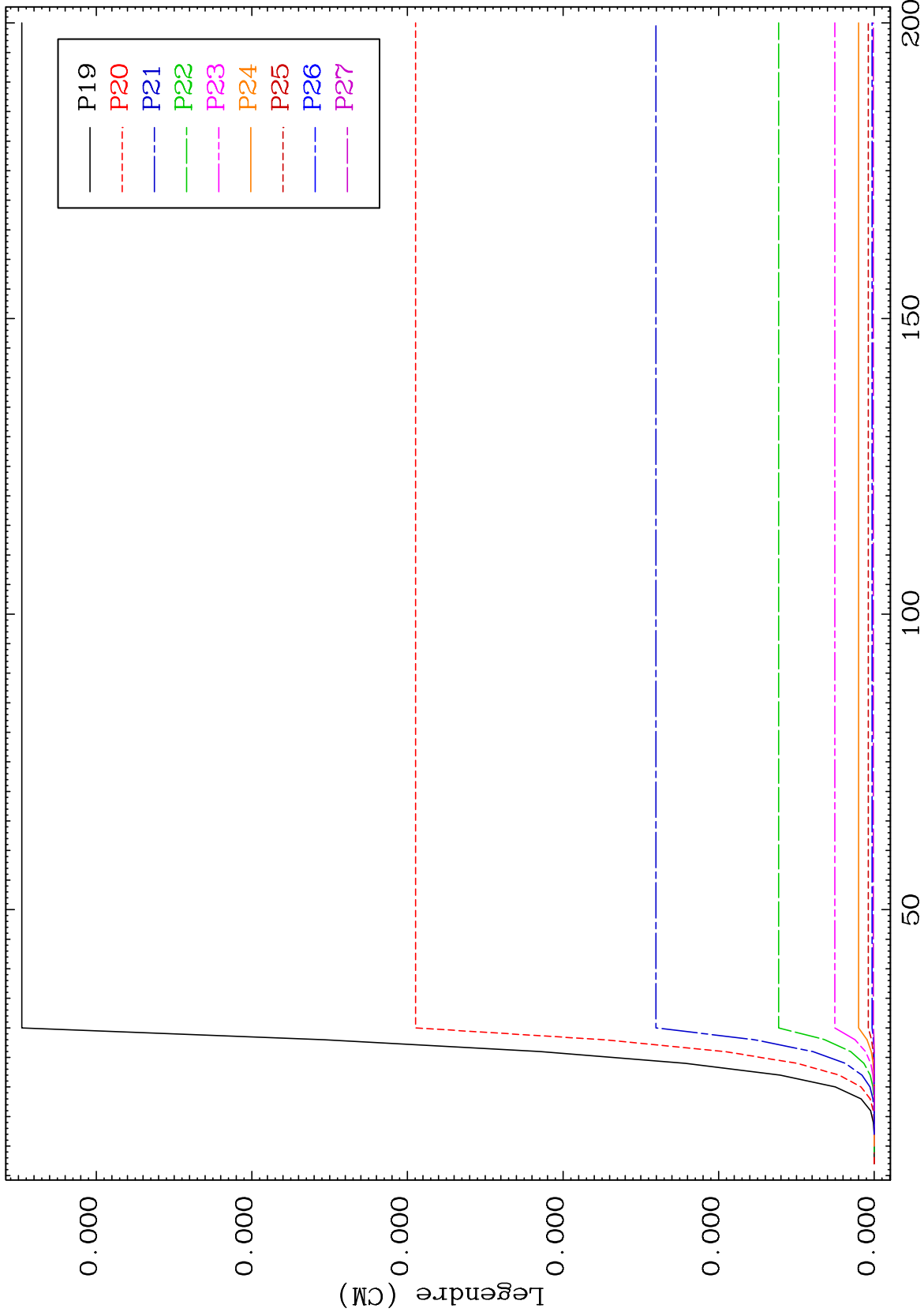
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



22

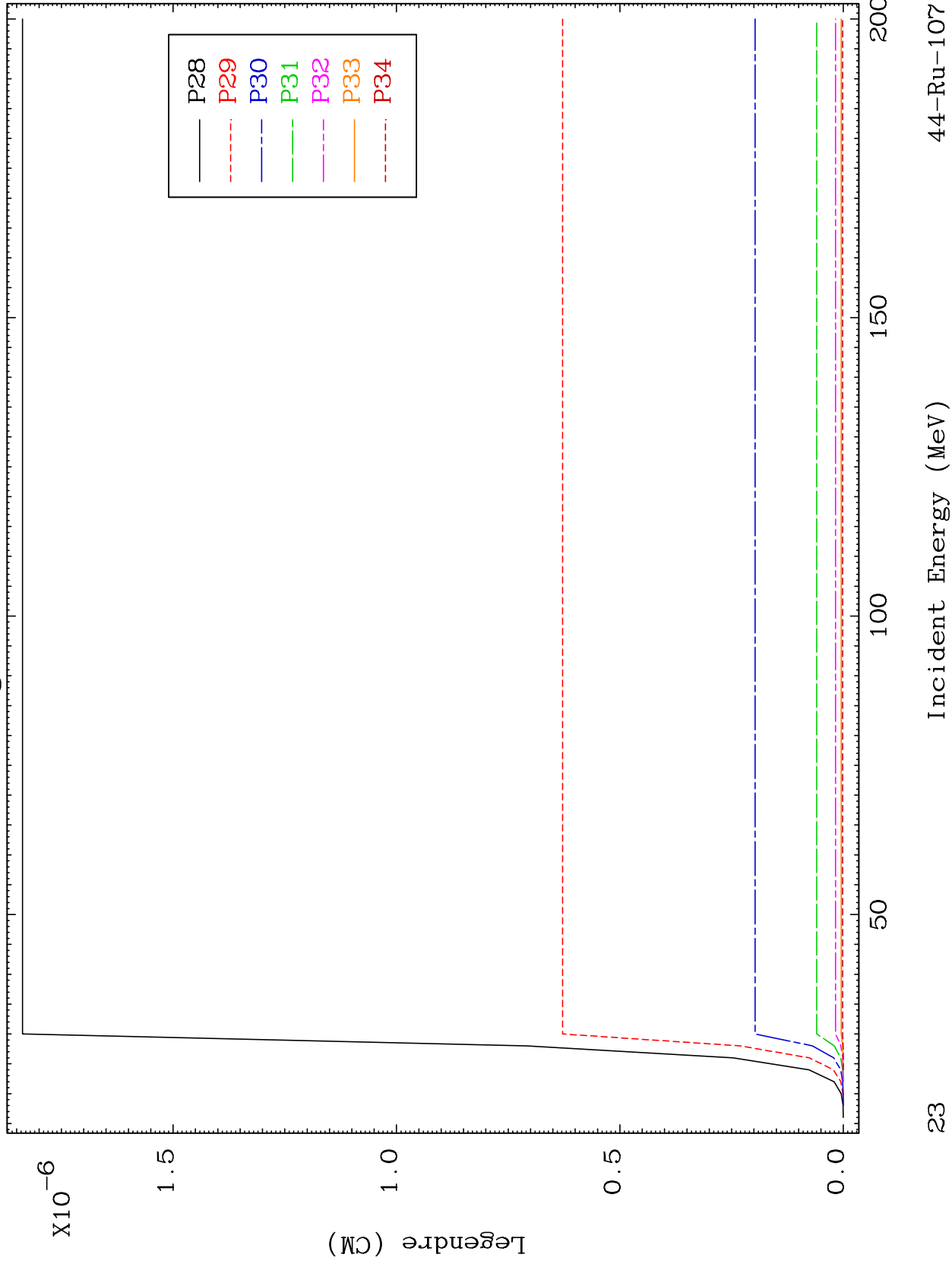
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



23

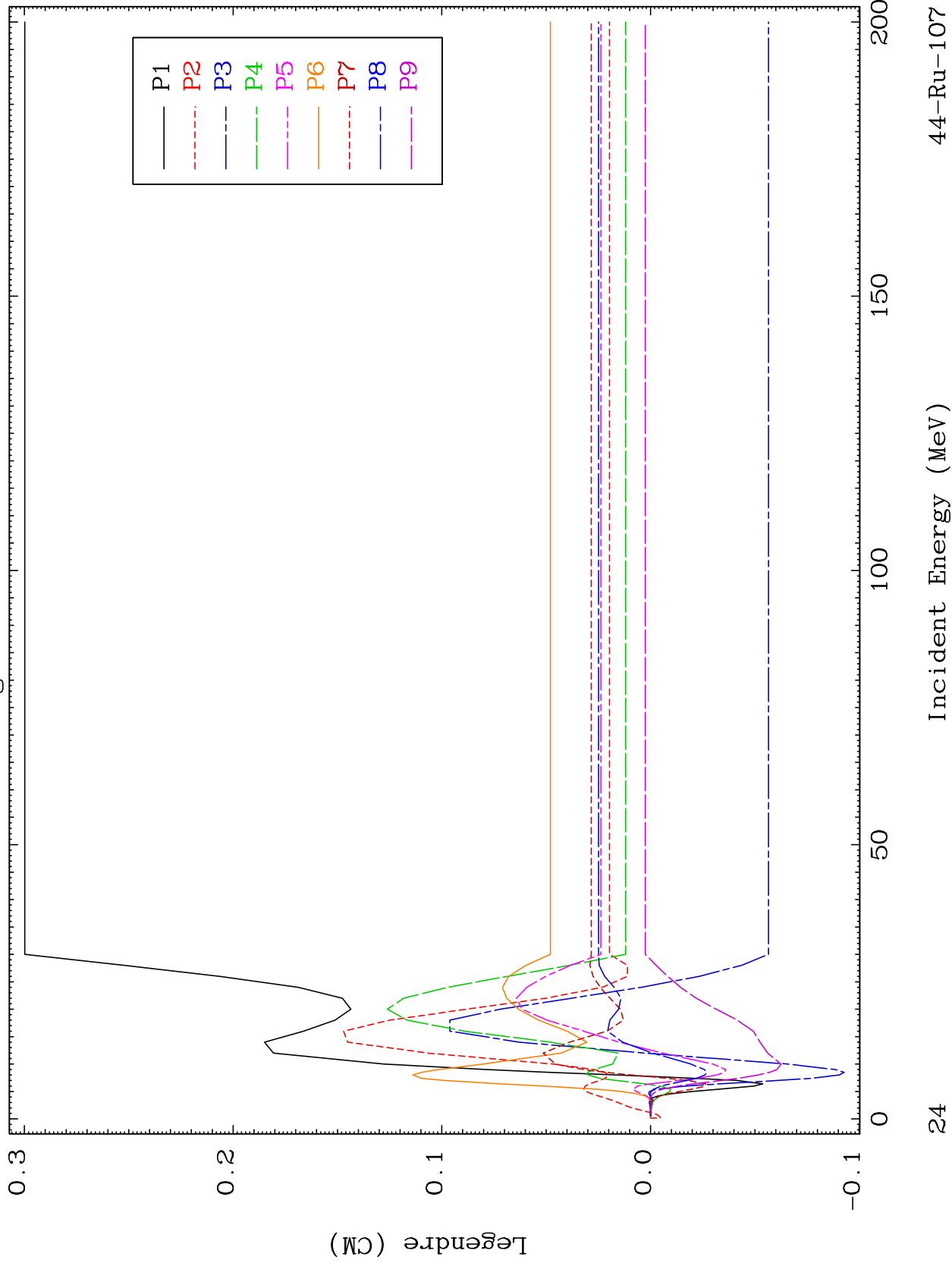
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



44-Ru-107

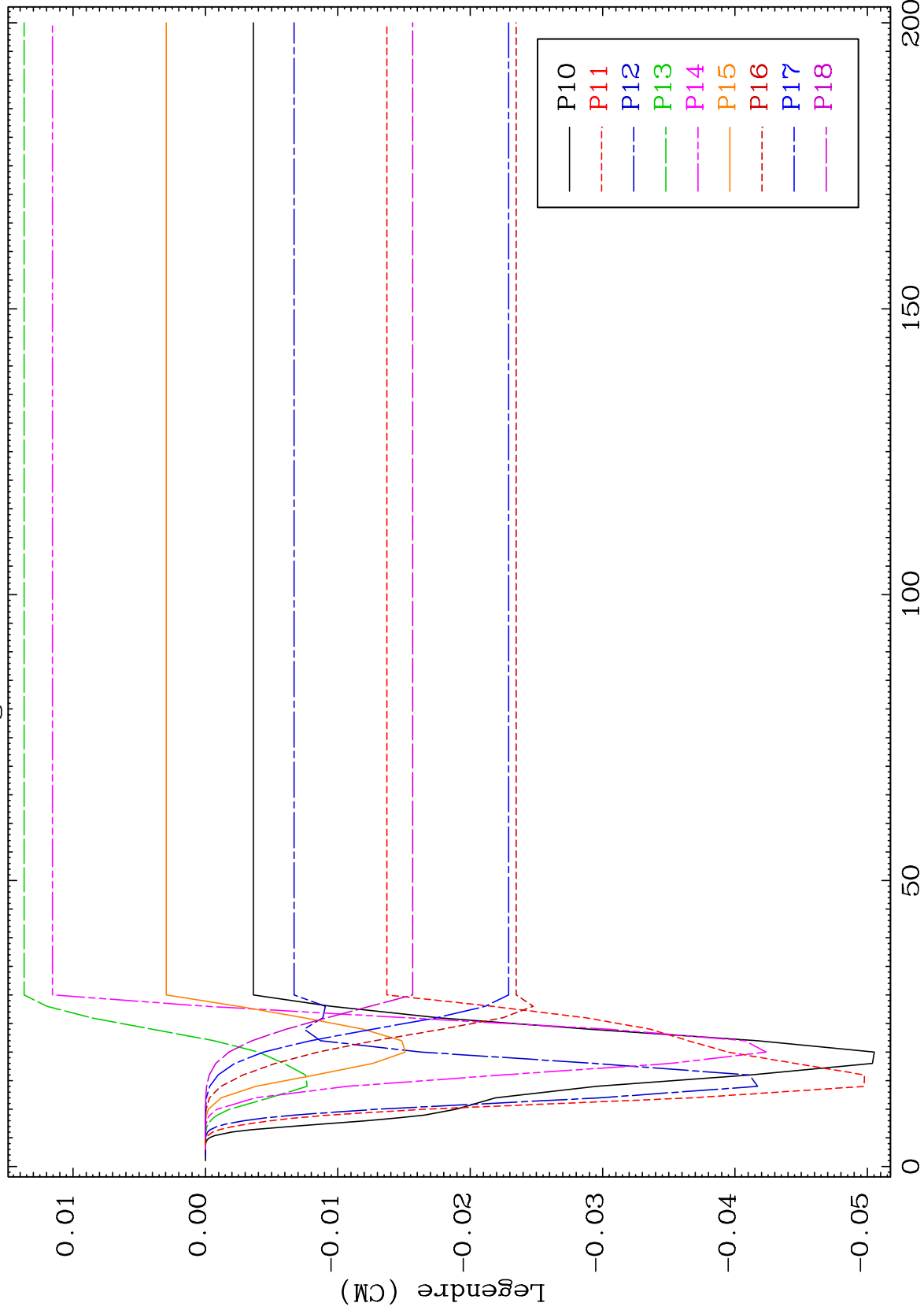
Incident Energy (MeV)

24

MAT 4458

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

44-Ru-107



25

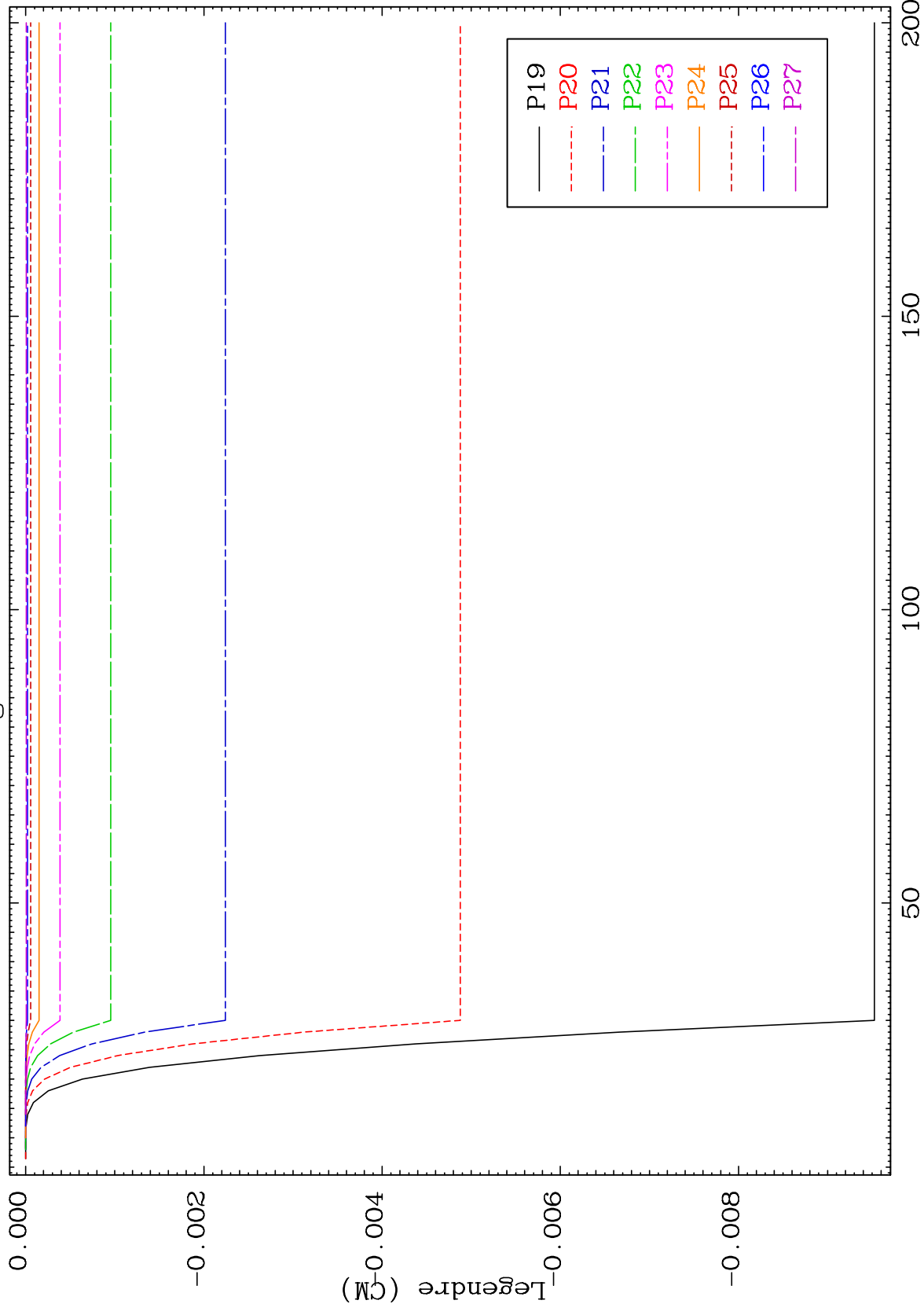
Incident Energy (MeV)

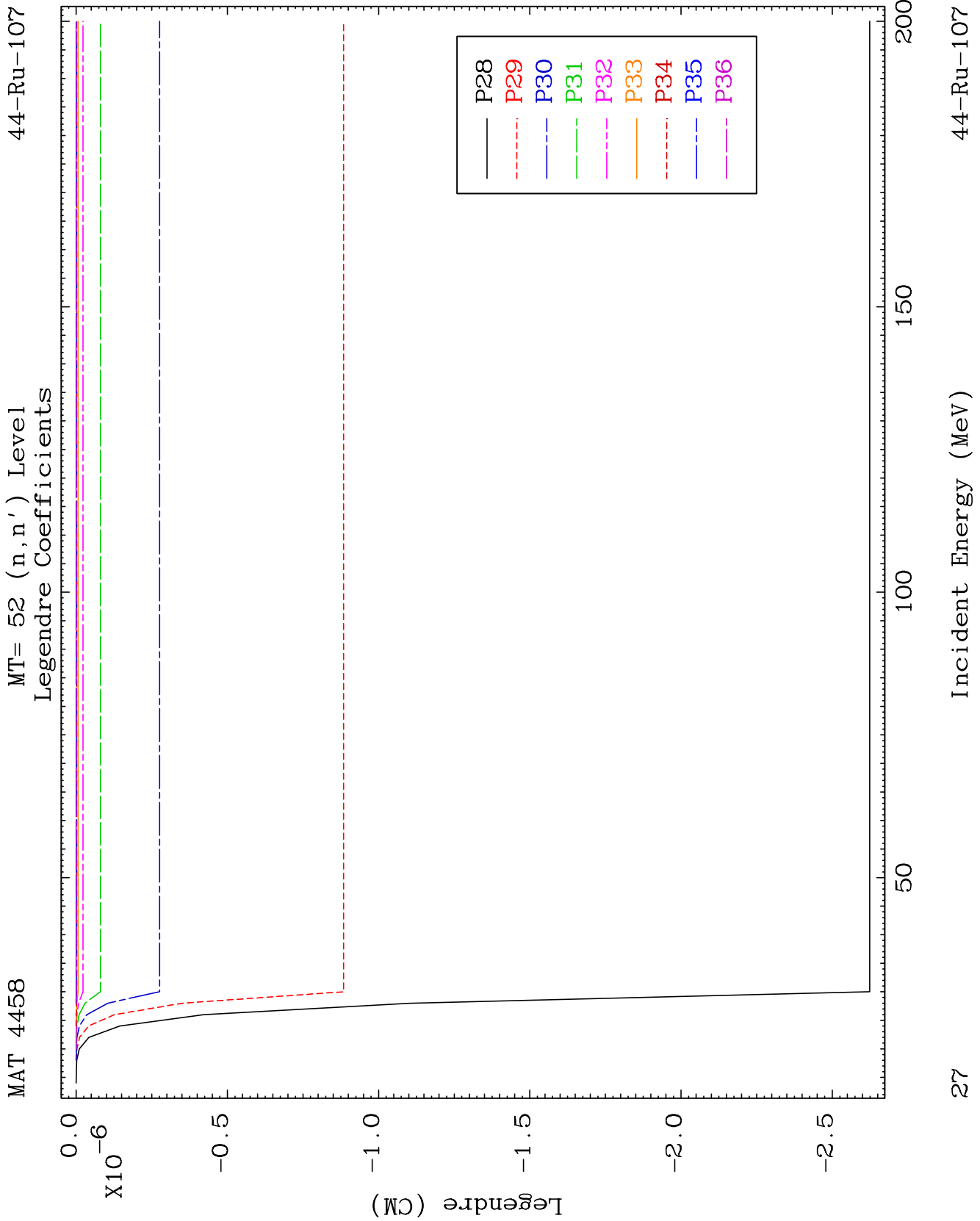
44-Ru-107

MAT 4458

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

44-Ru-107

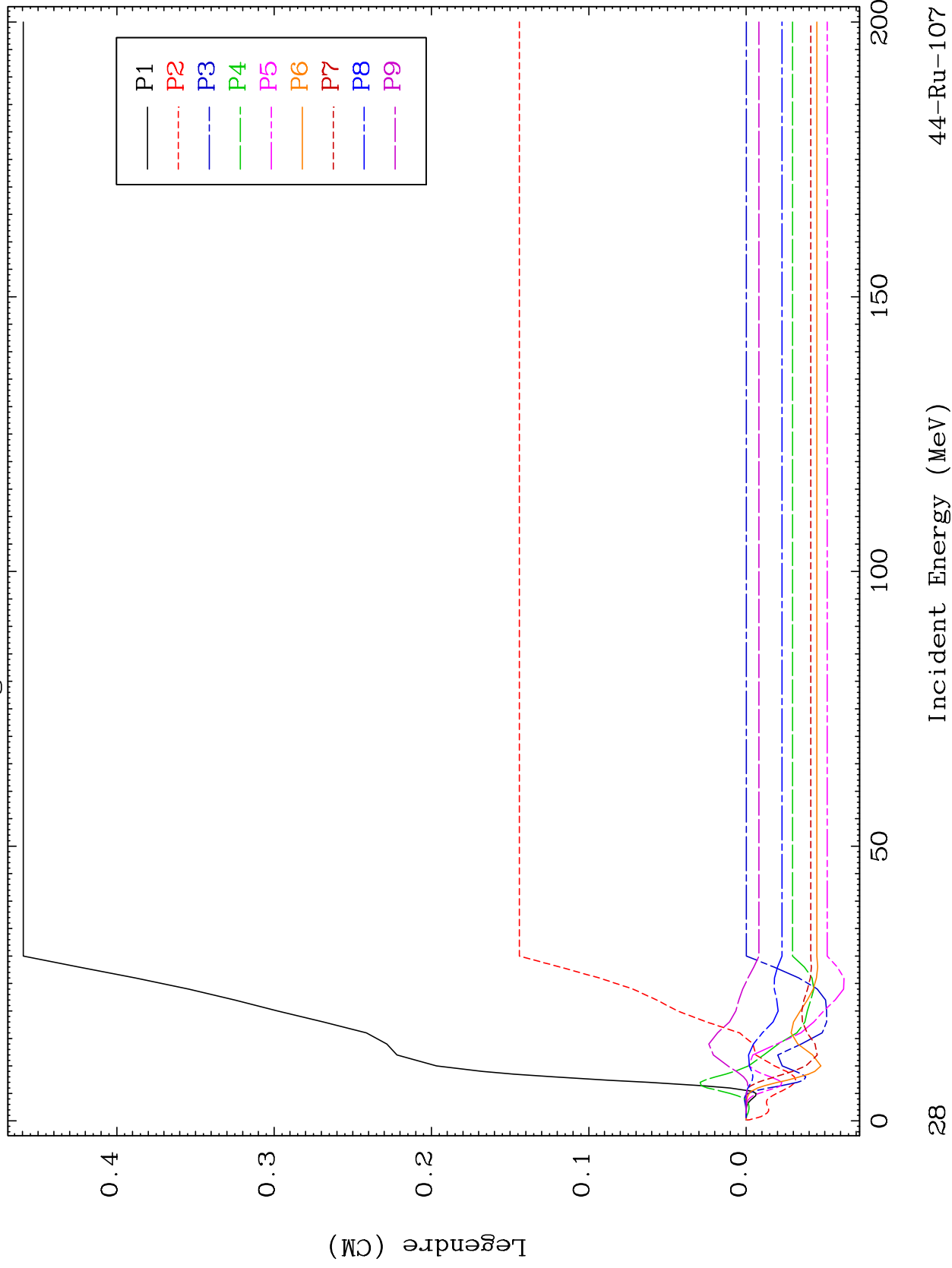




MAT 4458

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

44-Ru-107



44-Ru-107

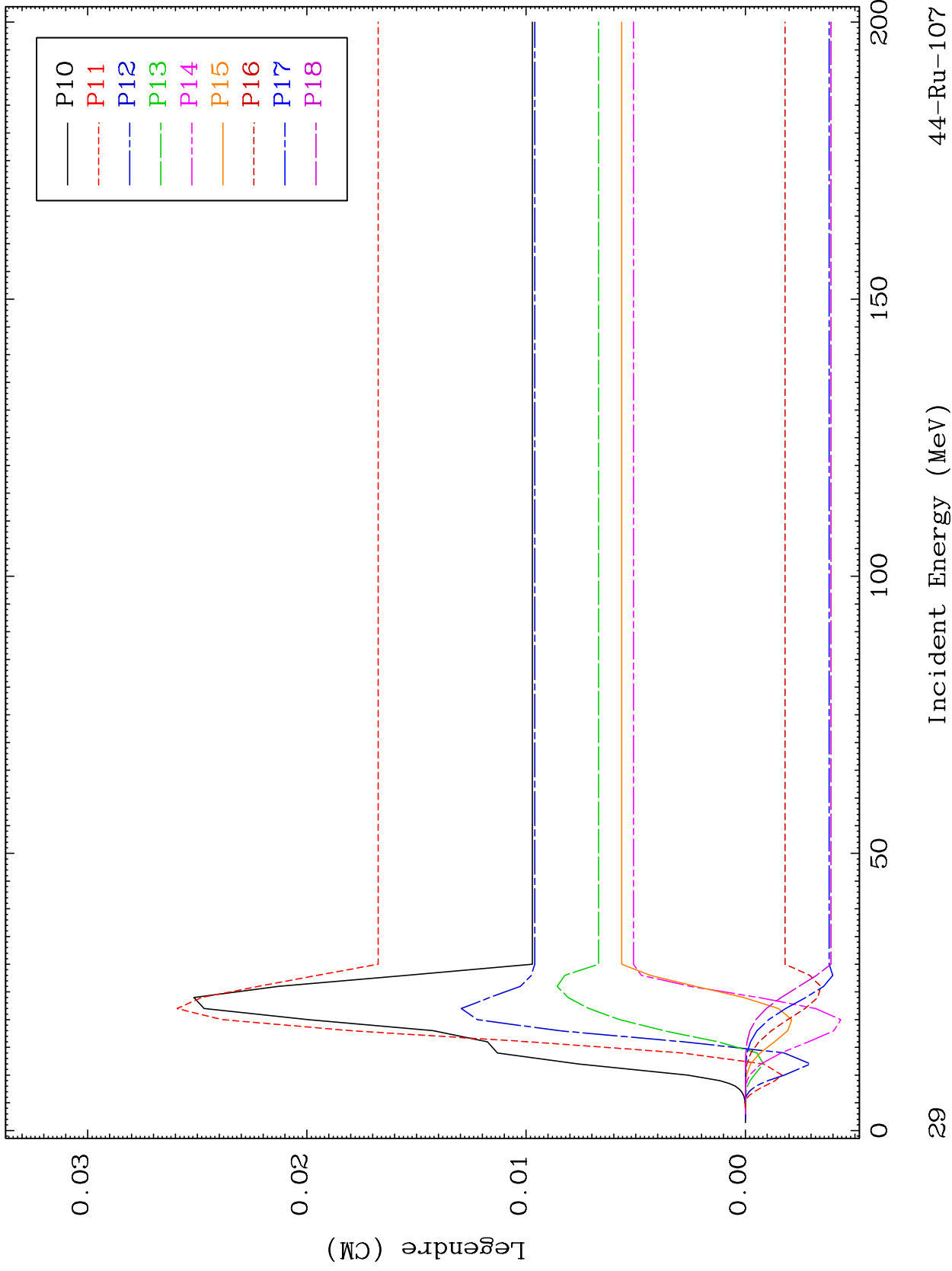
Incident Energy (MeV)

28

MAT 4458

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

44-Ru-107



29

Incident Energy (MeV)

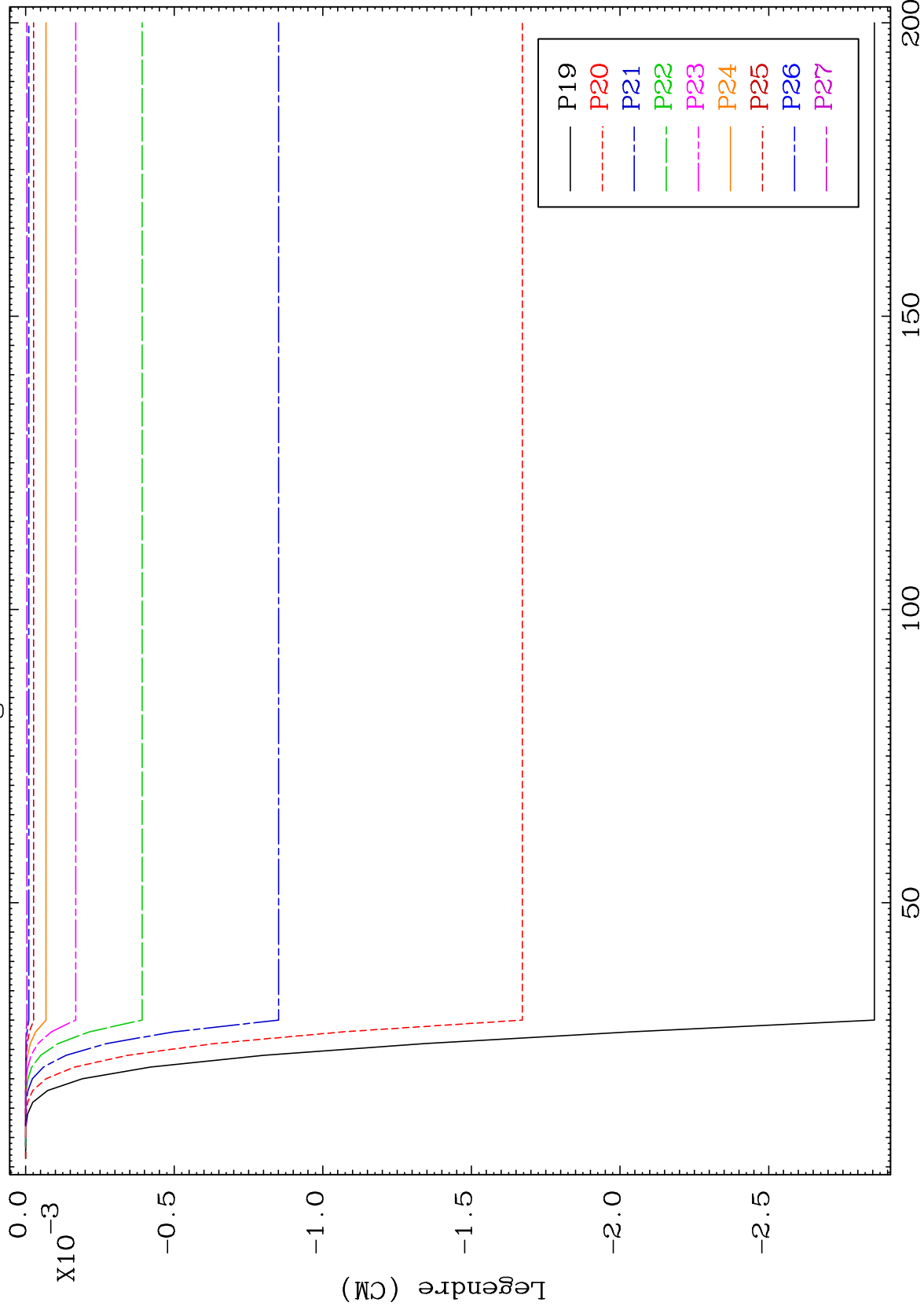
44-Ru-107

MAT 4458

MT= 53 (n,n') Level

44-Ru-107

Legendre Coefficients



30

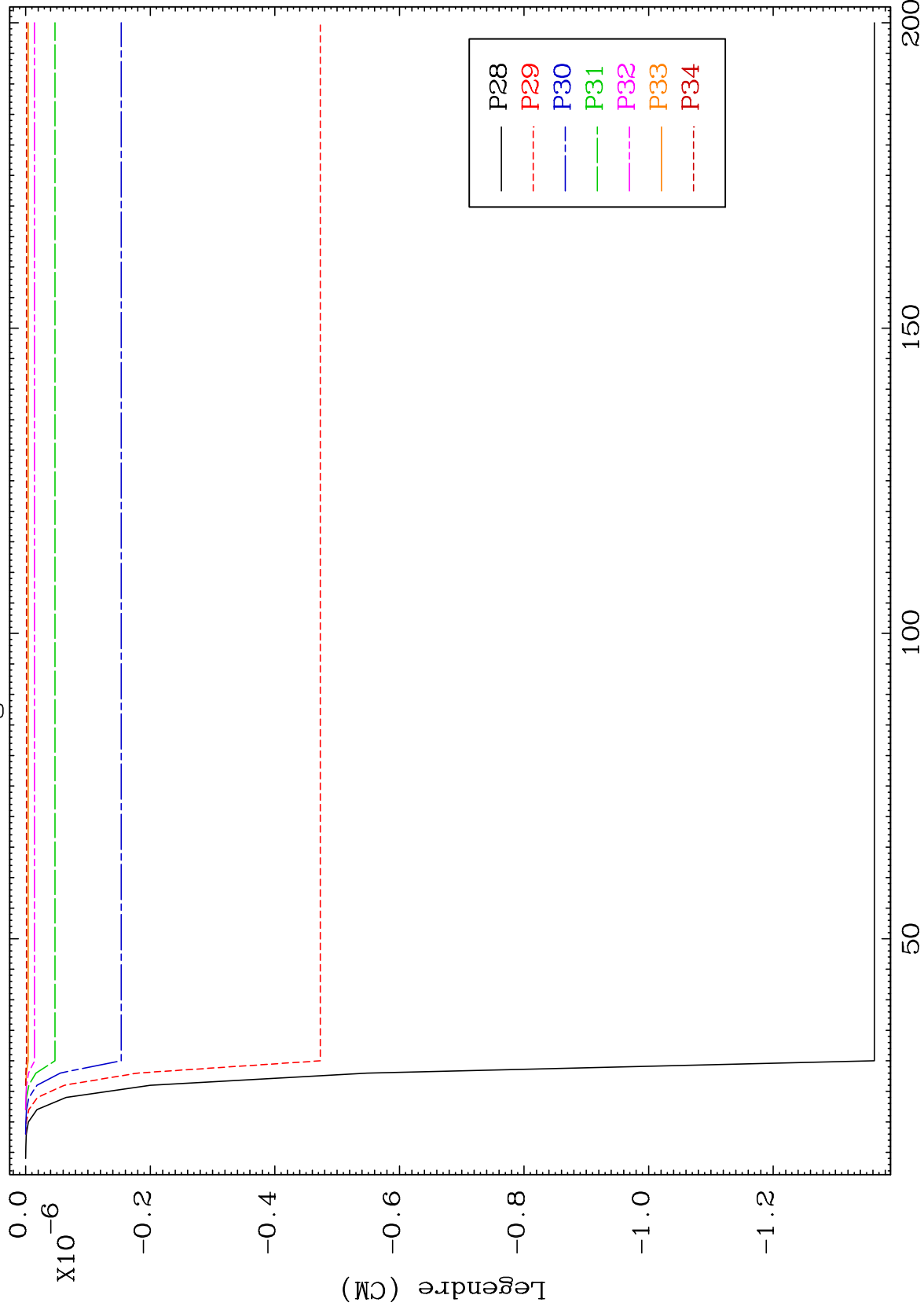
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



31

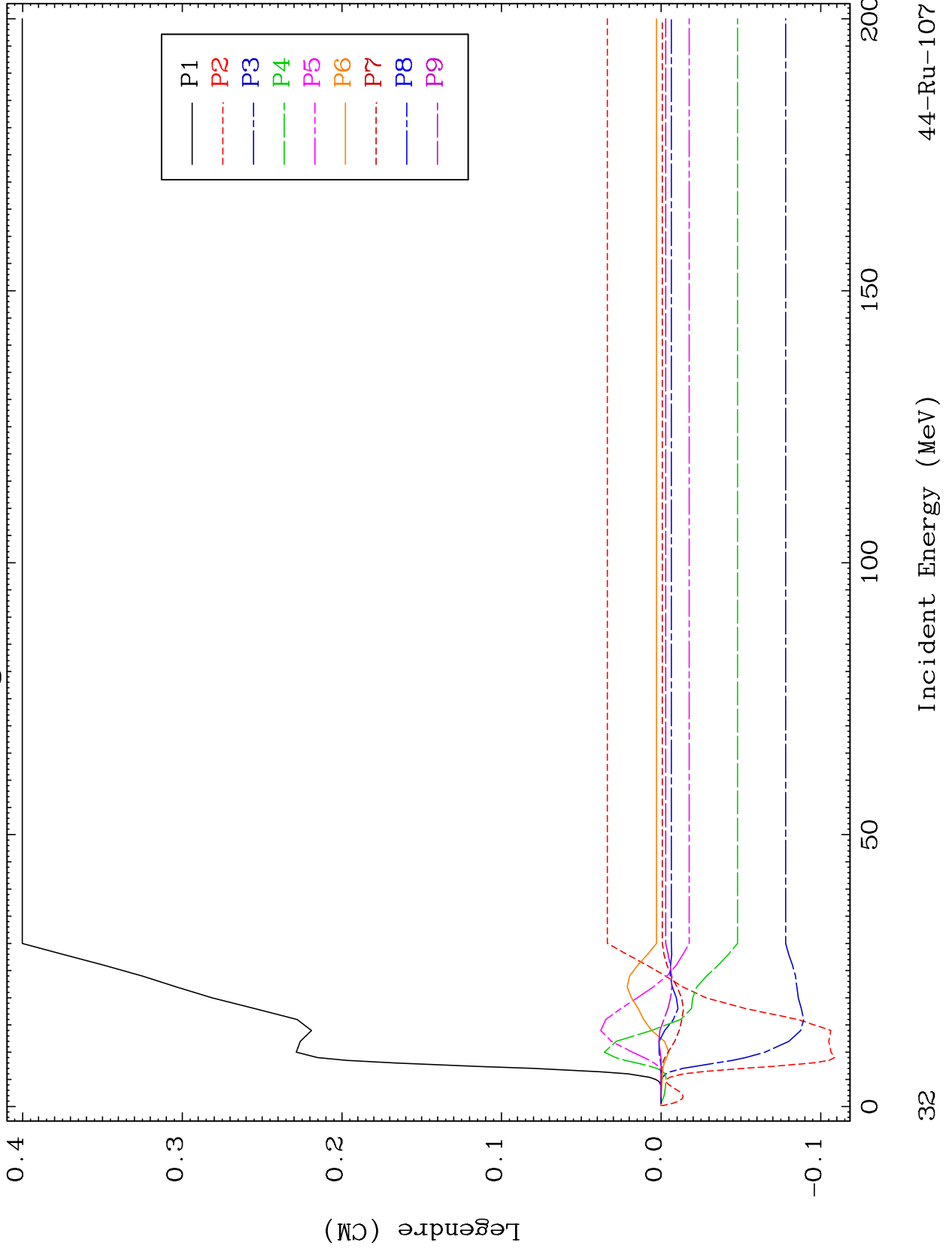
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



44-Ru-107

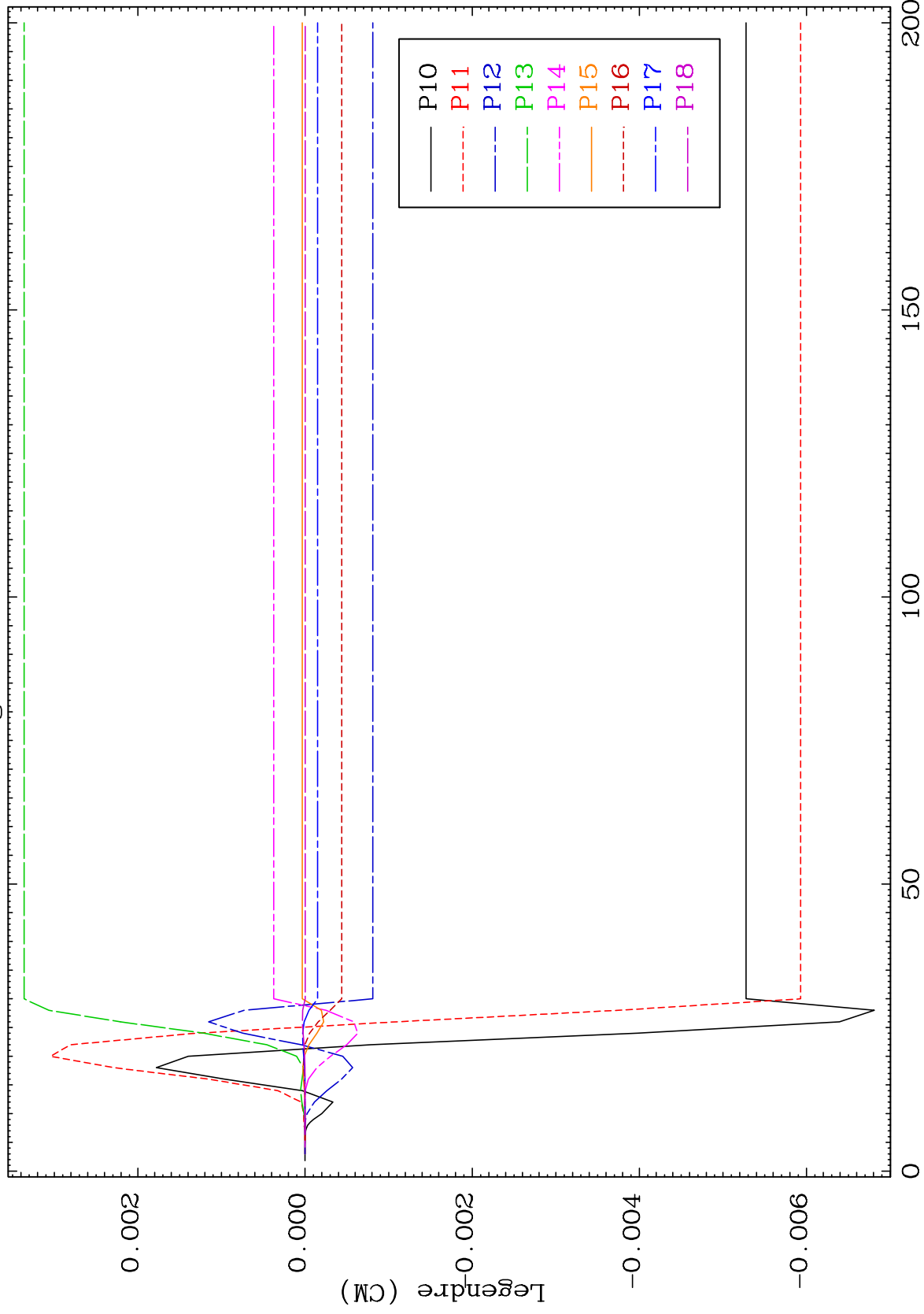
Incident Energy (MeV)

32

MAT 4458

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

44-Ru-107



33

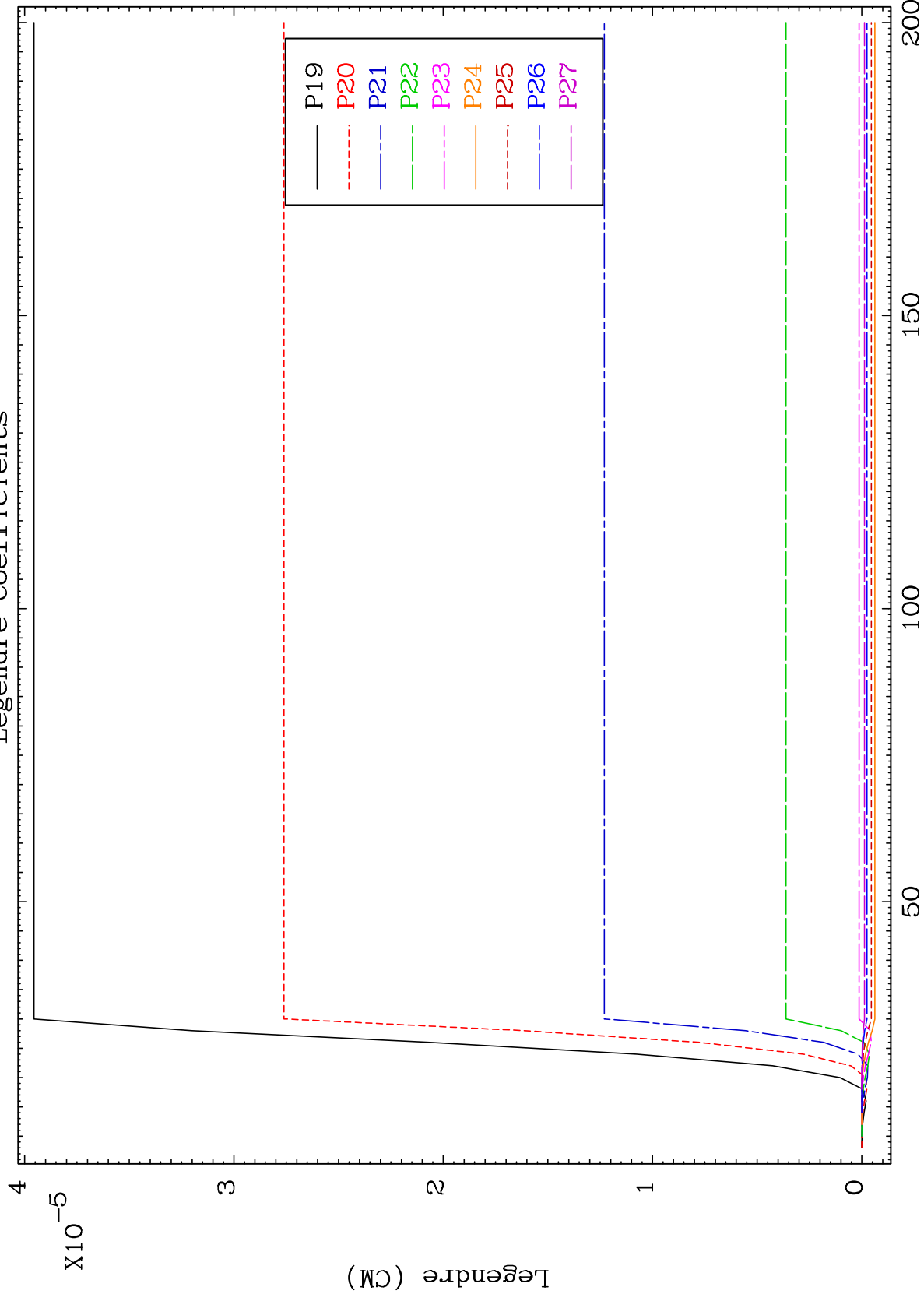
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

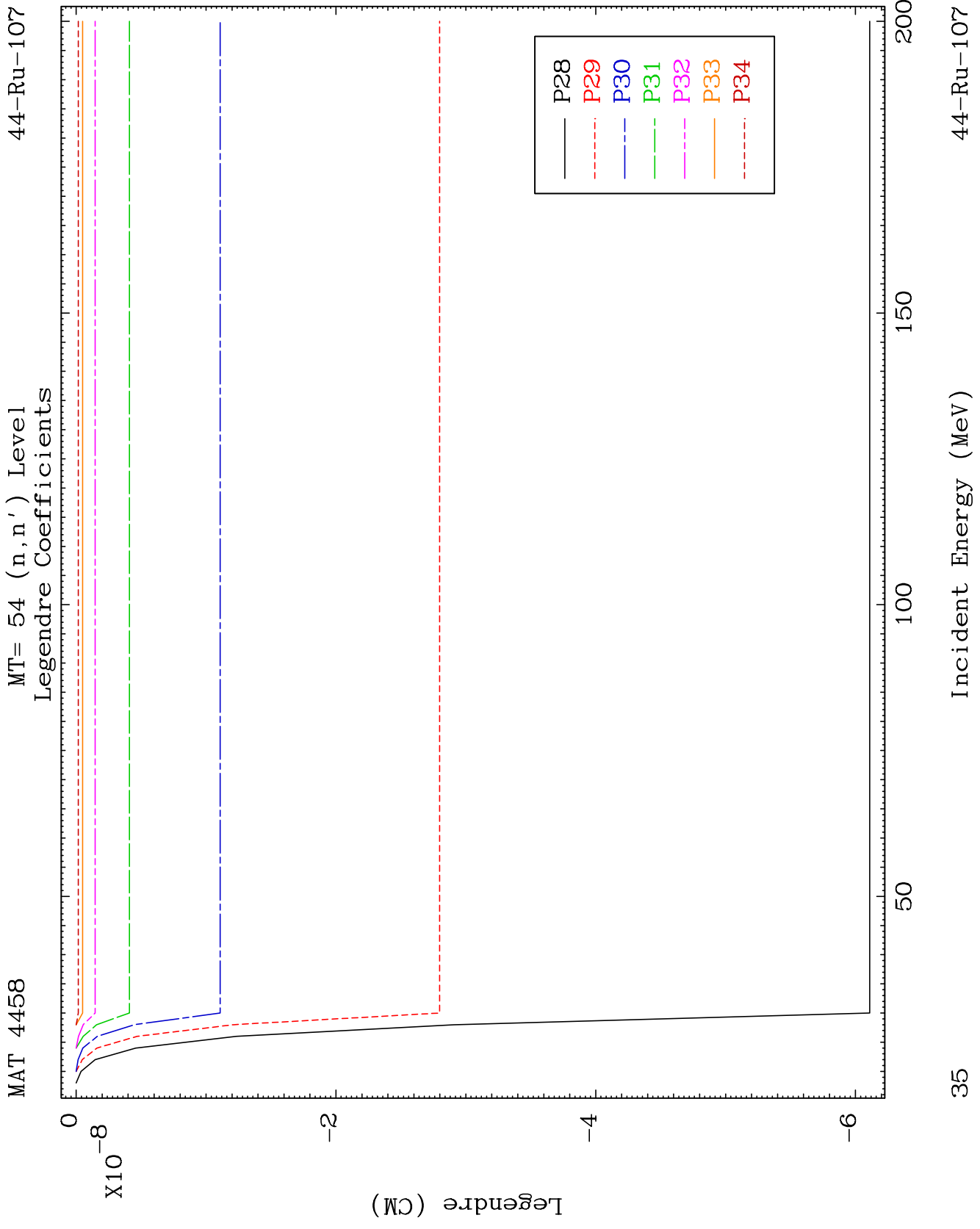
44-Ru-107



34

Incident Energy (MeV)

44-Ru-107

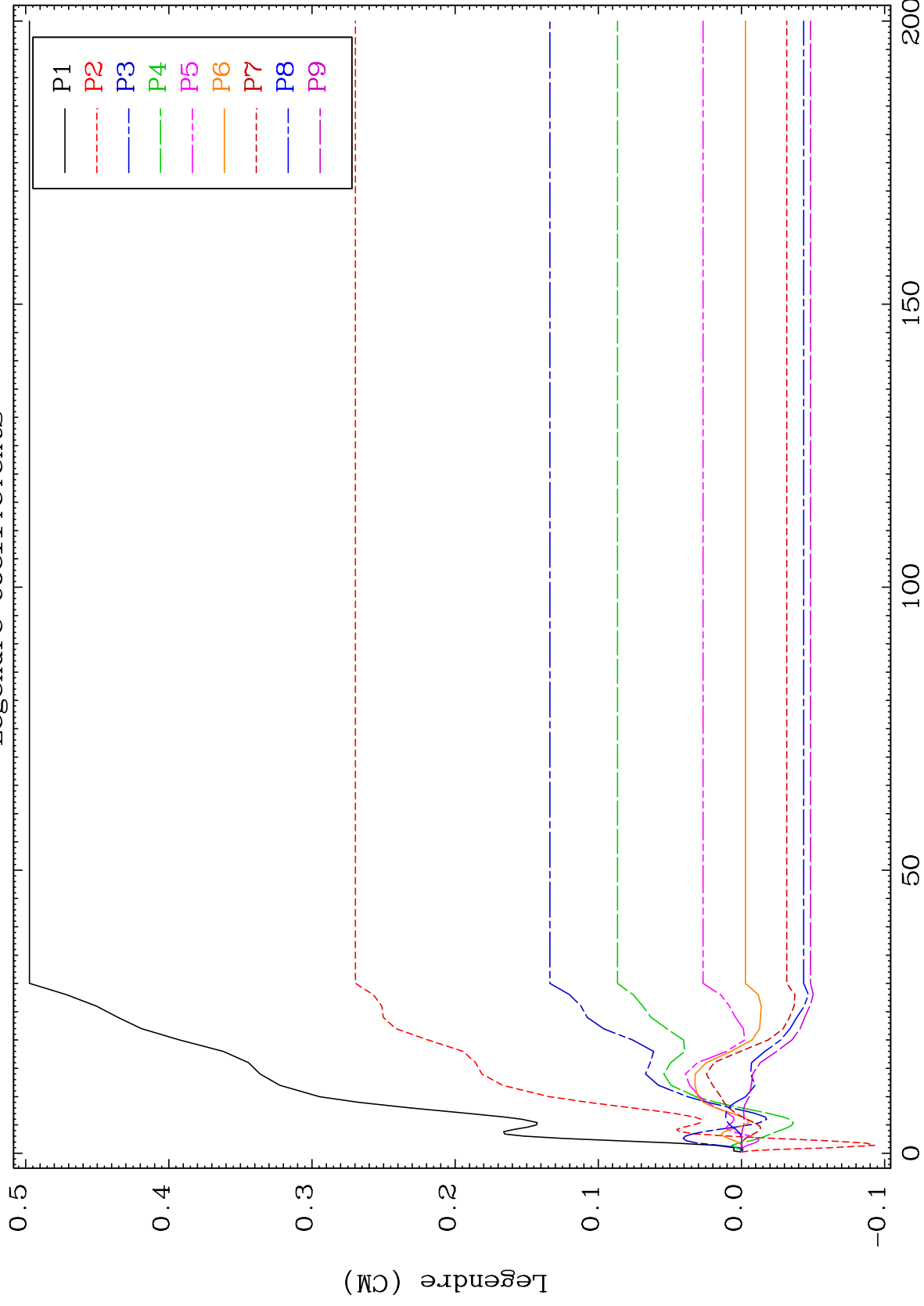


MAT 4458

MT= 55 (n,n') Level

44-Ru-107

Legendre Coefficients



36

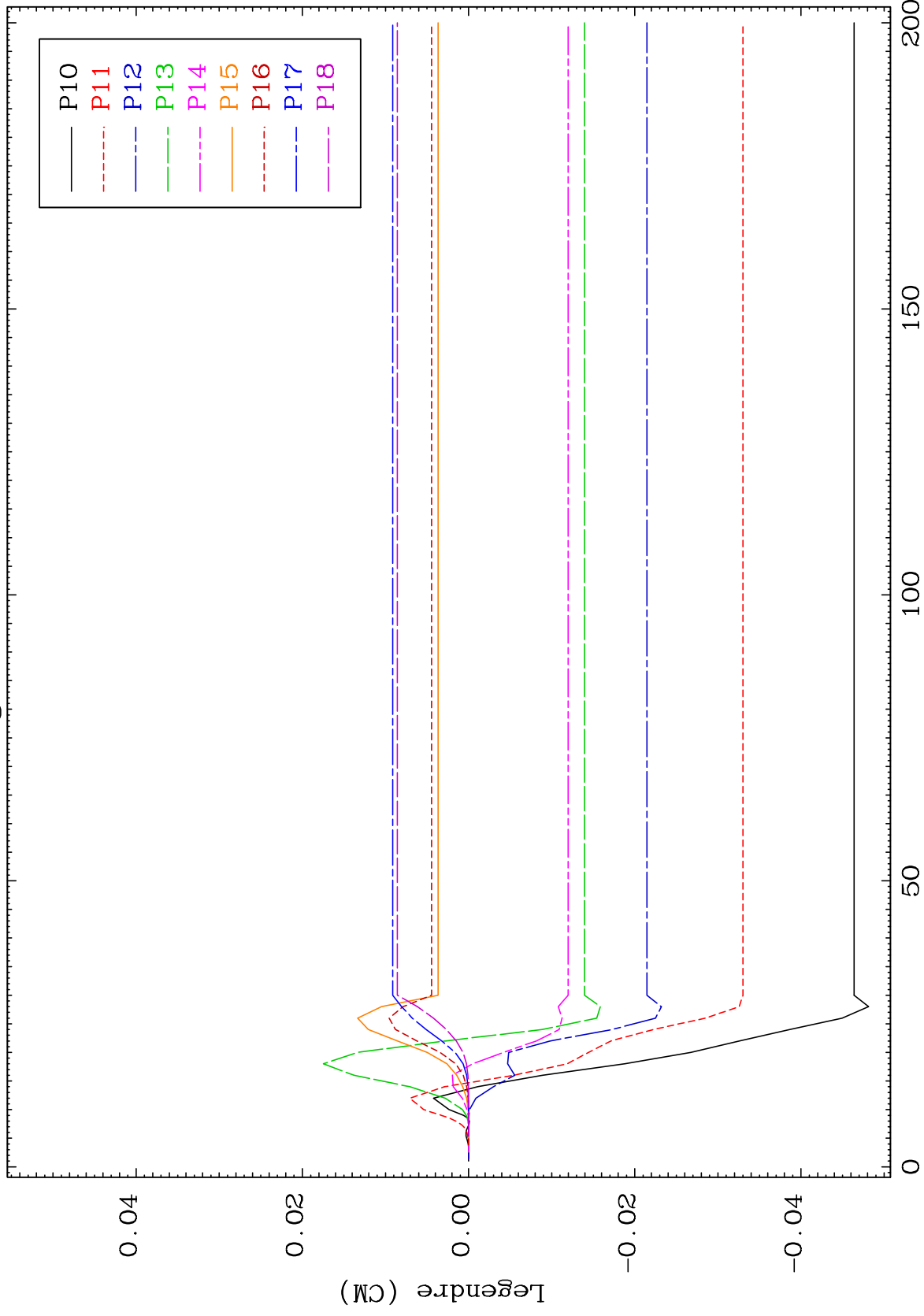
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



37

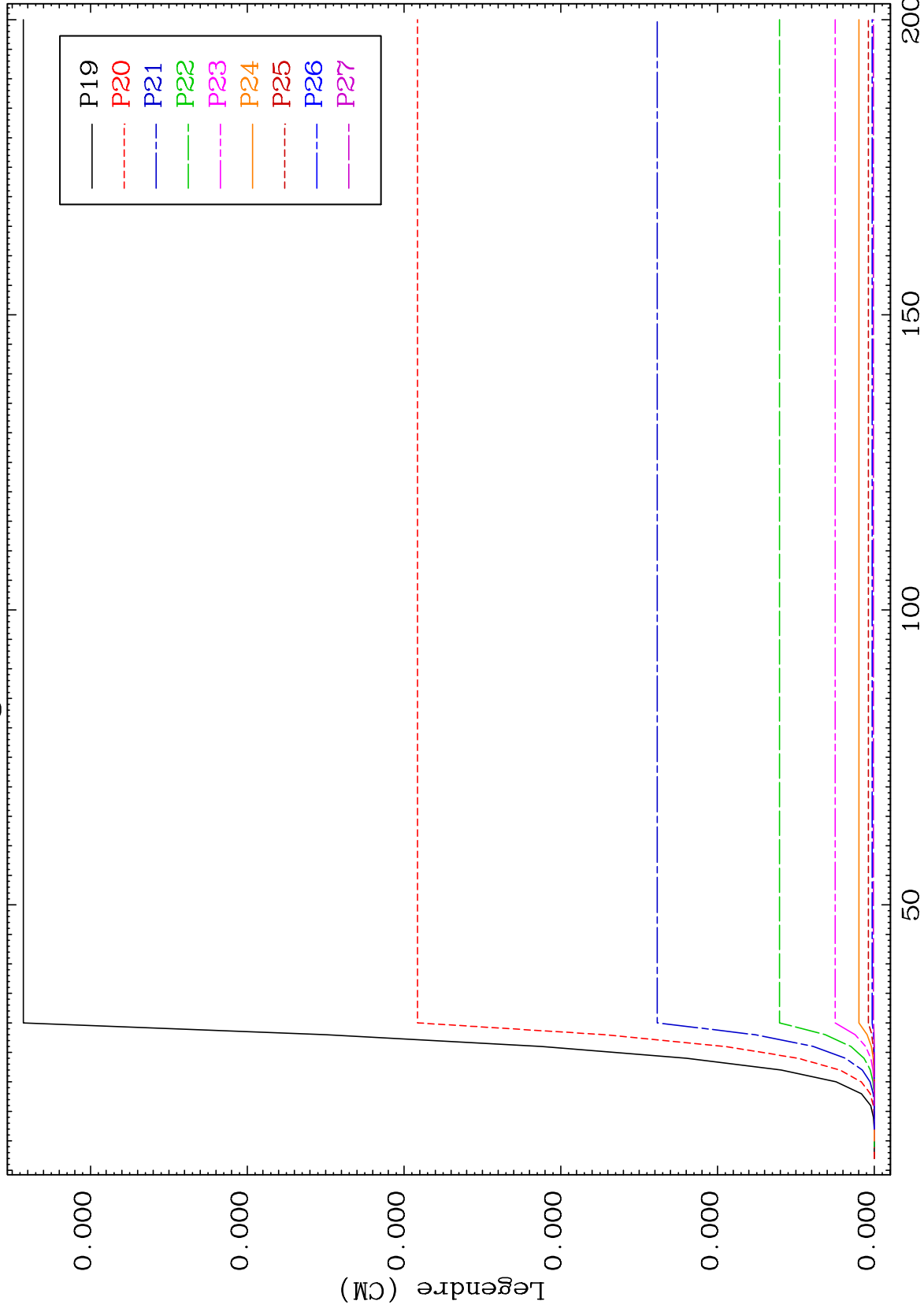
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



38

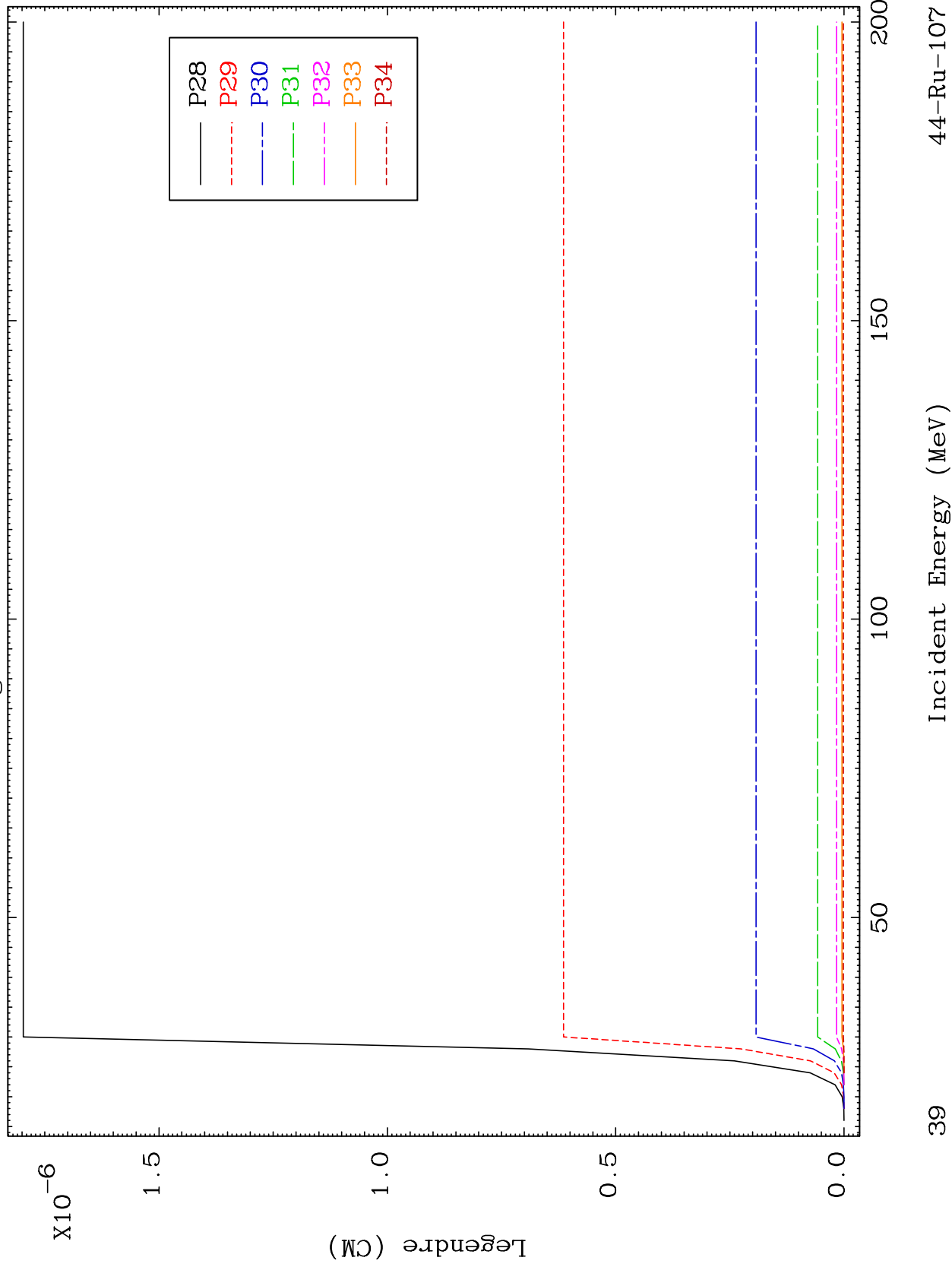
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107

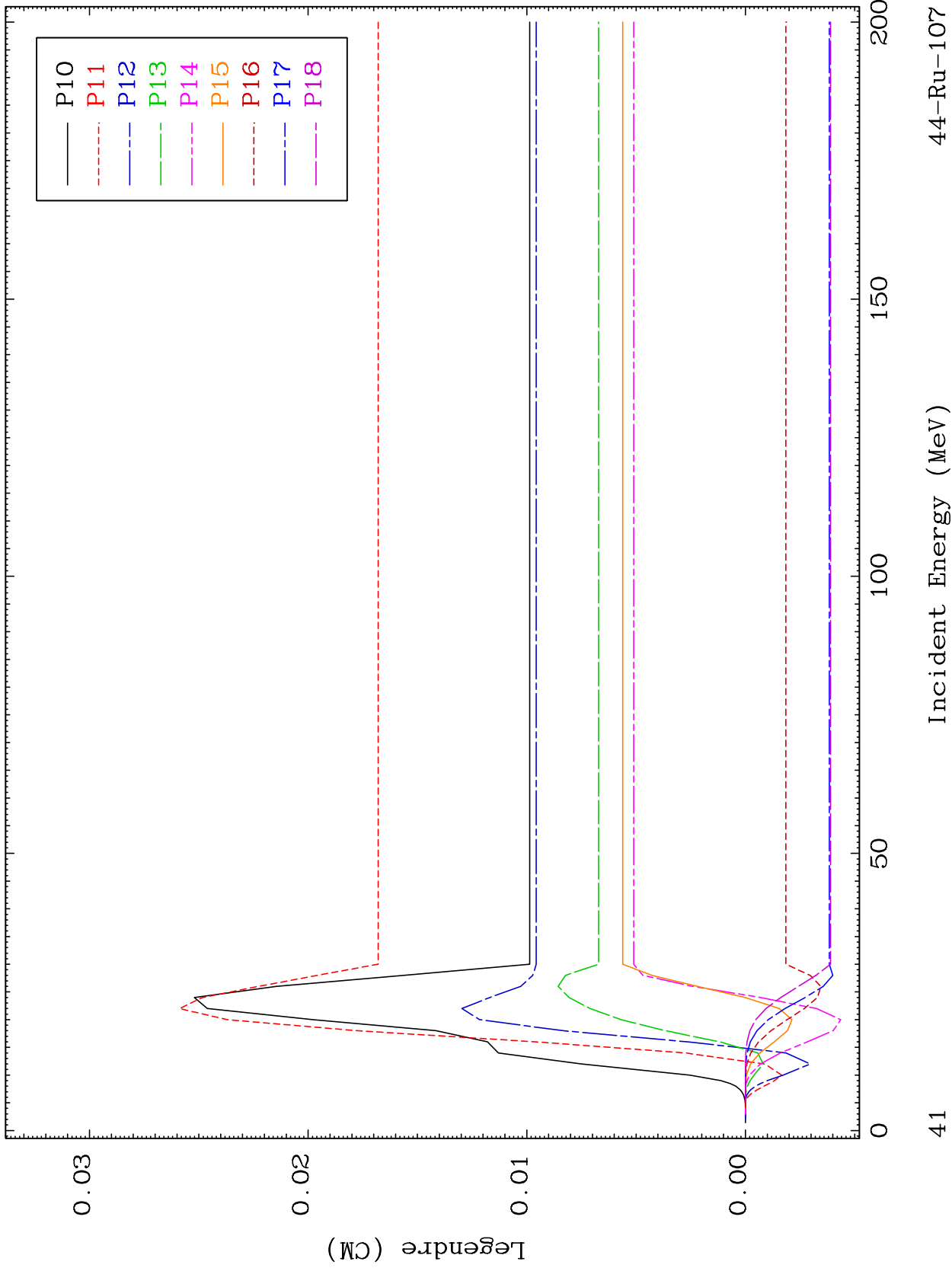


39

MAT 4458

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

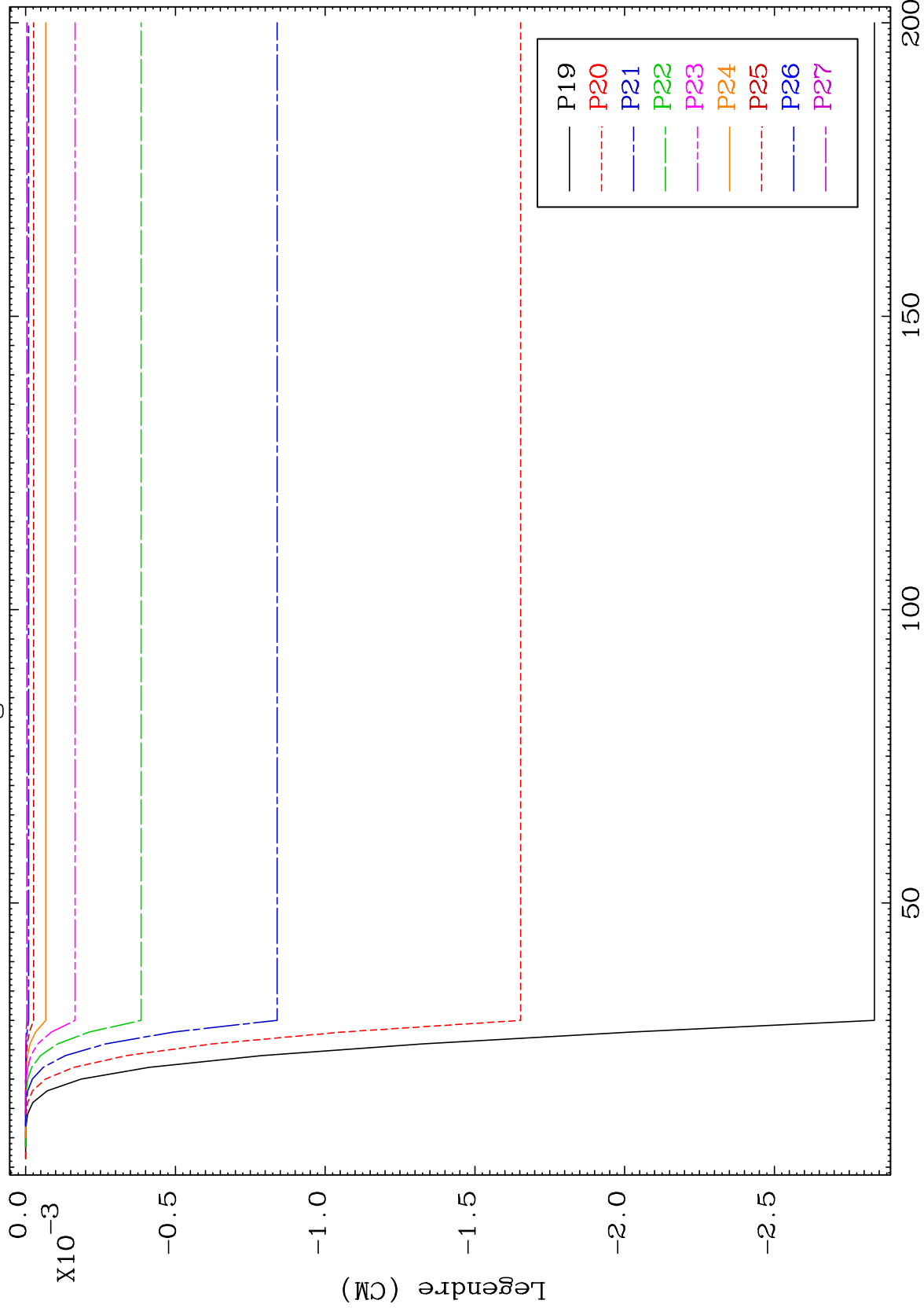
44-Ru-107



MAT 4458

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

44-Ru-107



42

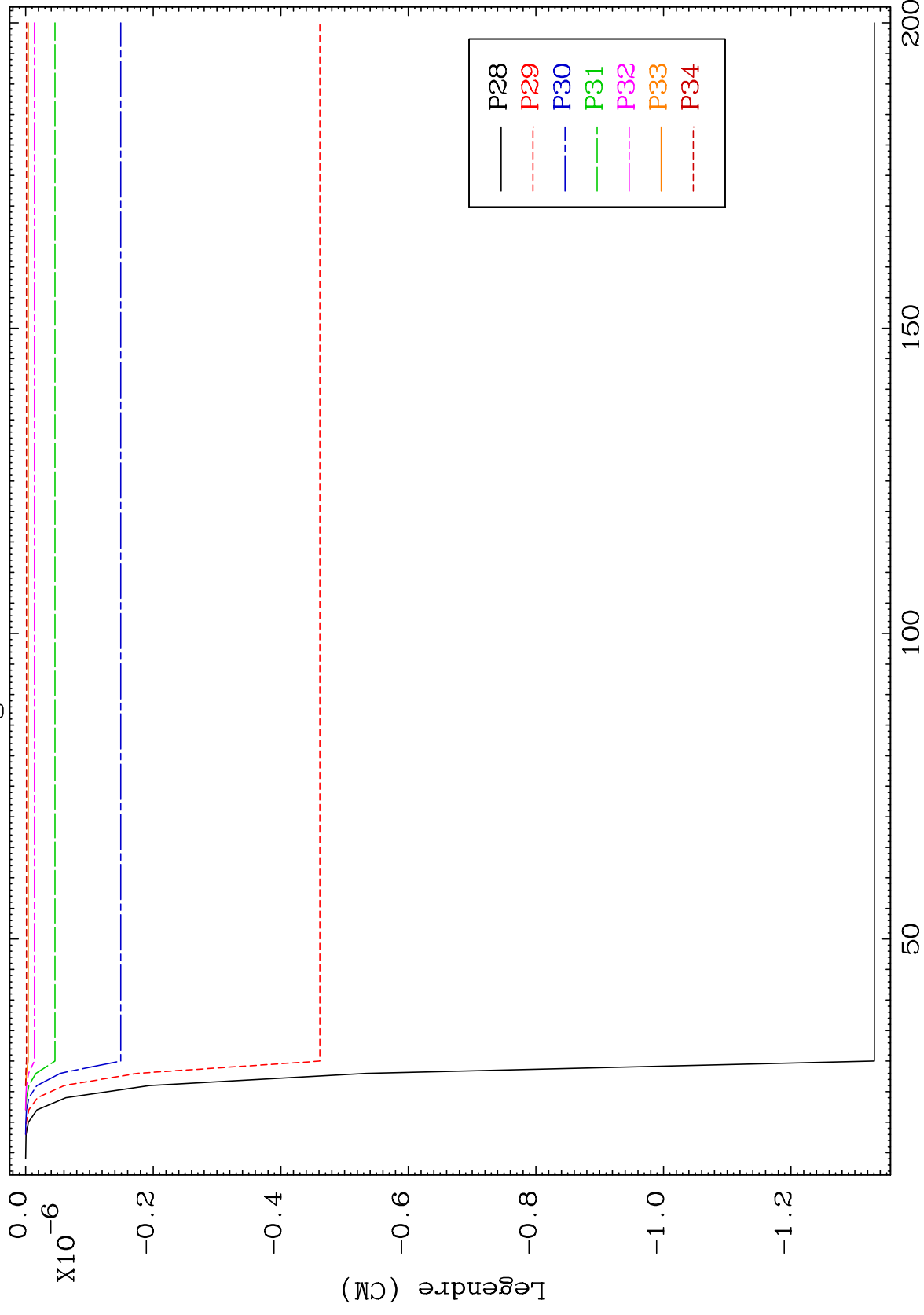
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



43

Incident Energy (MeV)

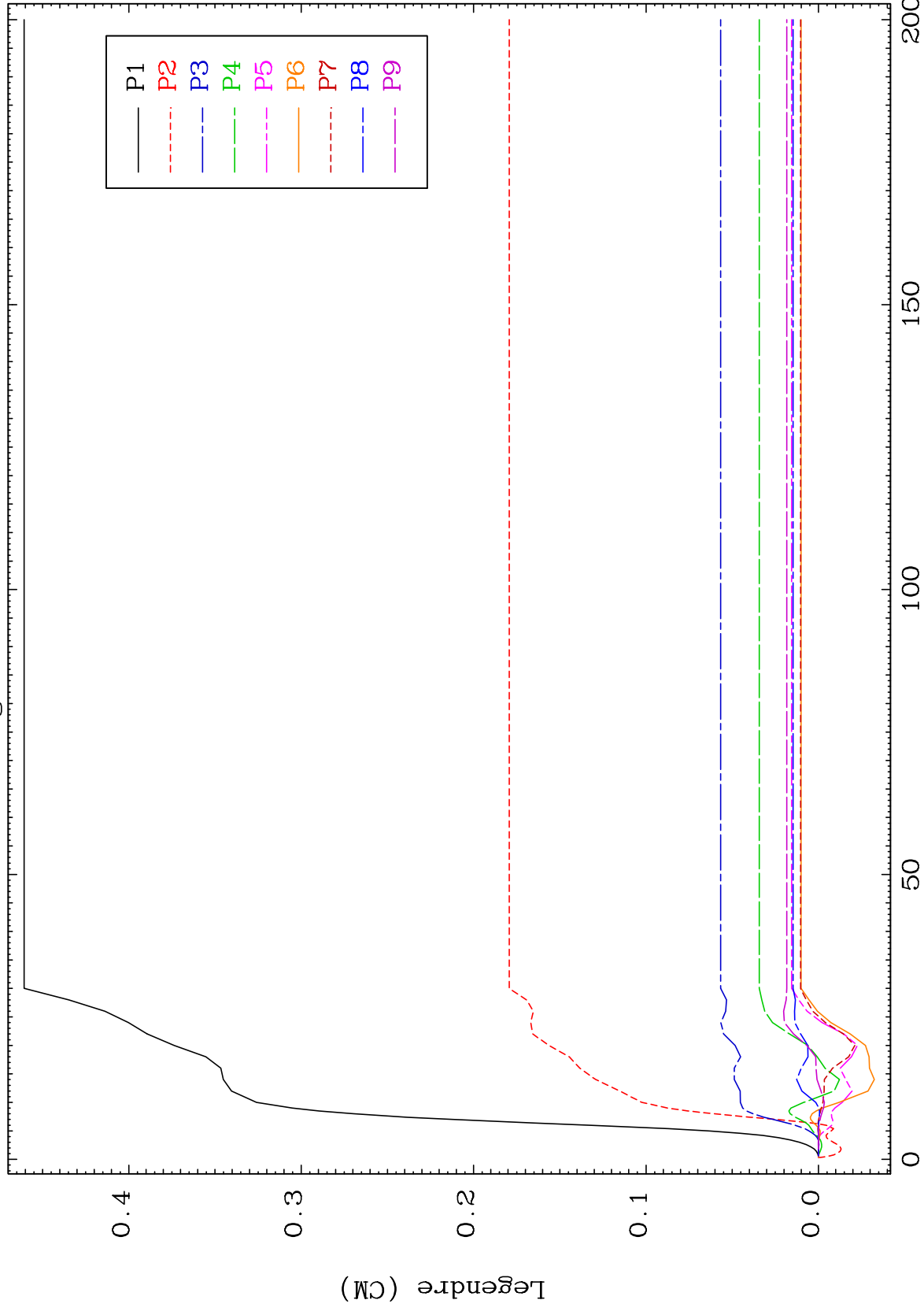
44-Ru-107

MAT 4458

MT= 57 (n,n') Level

44-Ru-107

Legendre Coefficients



44

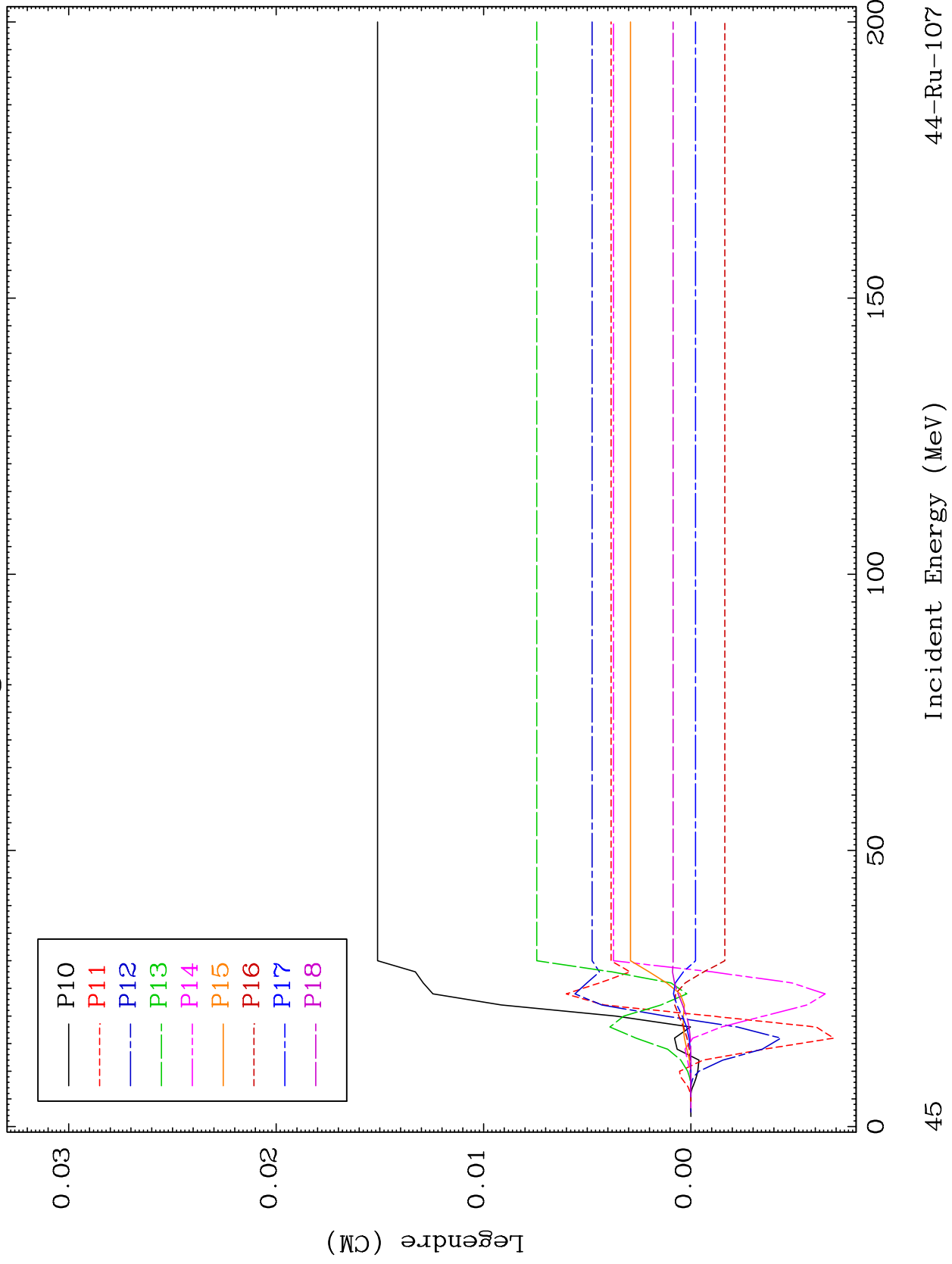
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



44-Ru-107

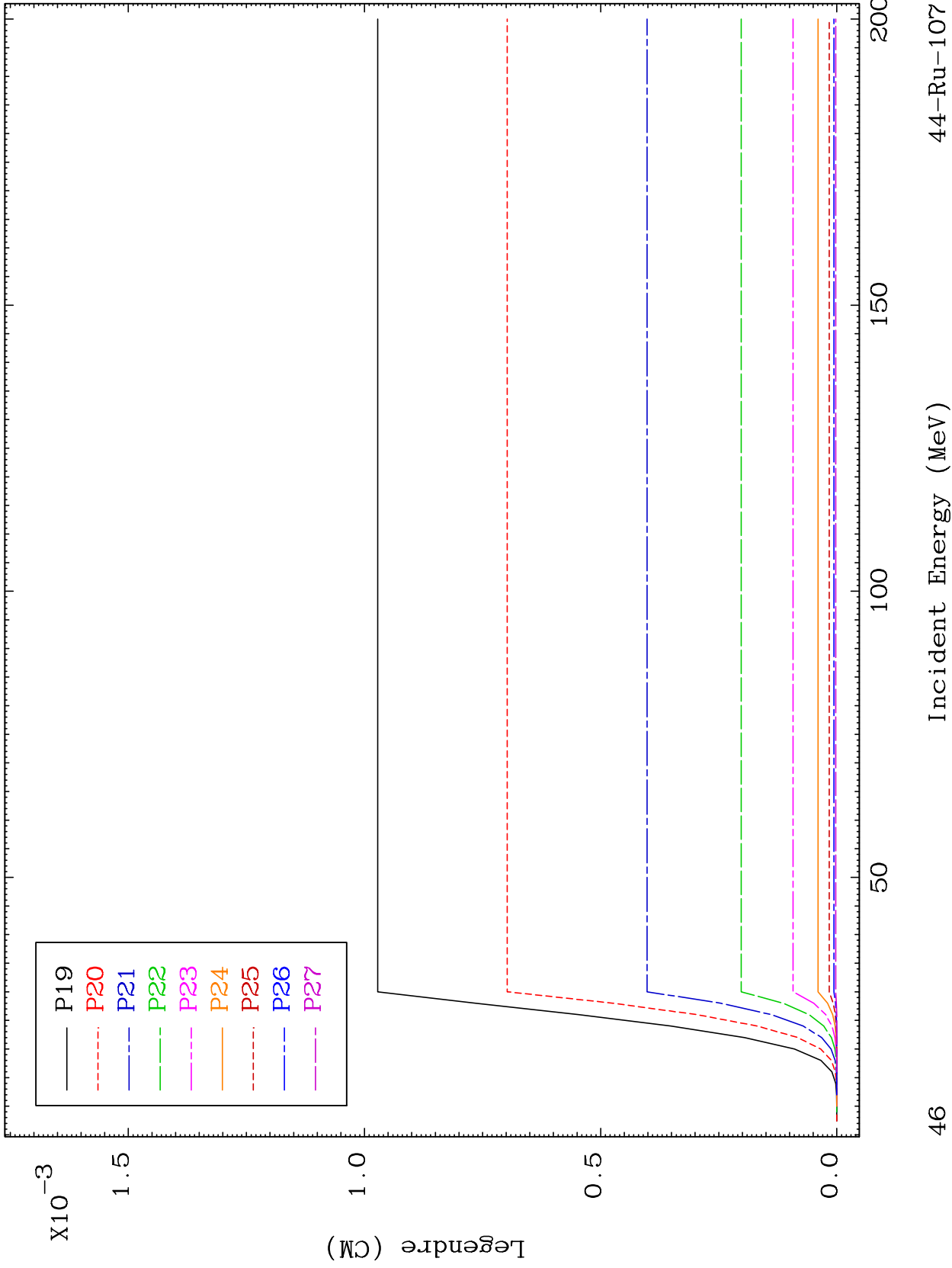
Incident Energy (MeV)

45

MAT 4458

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

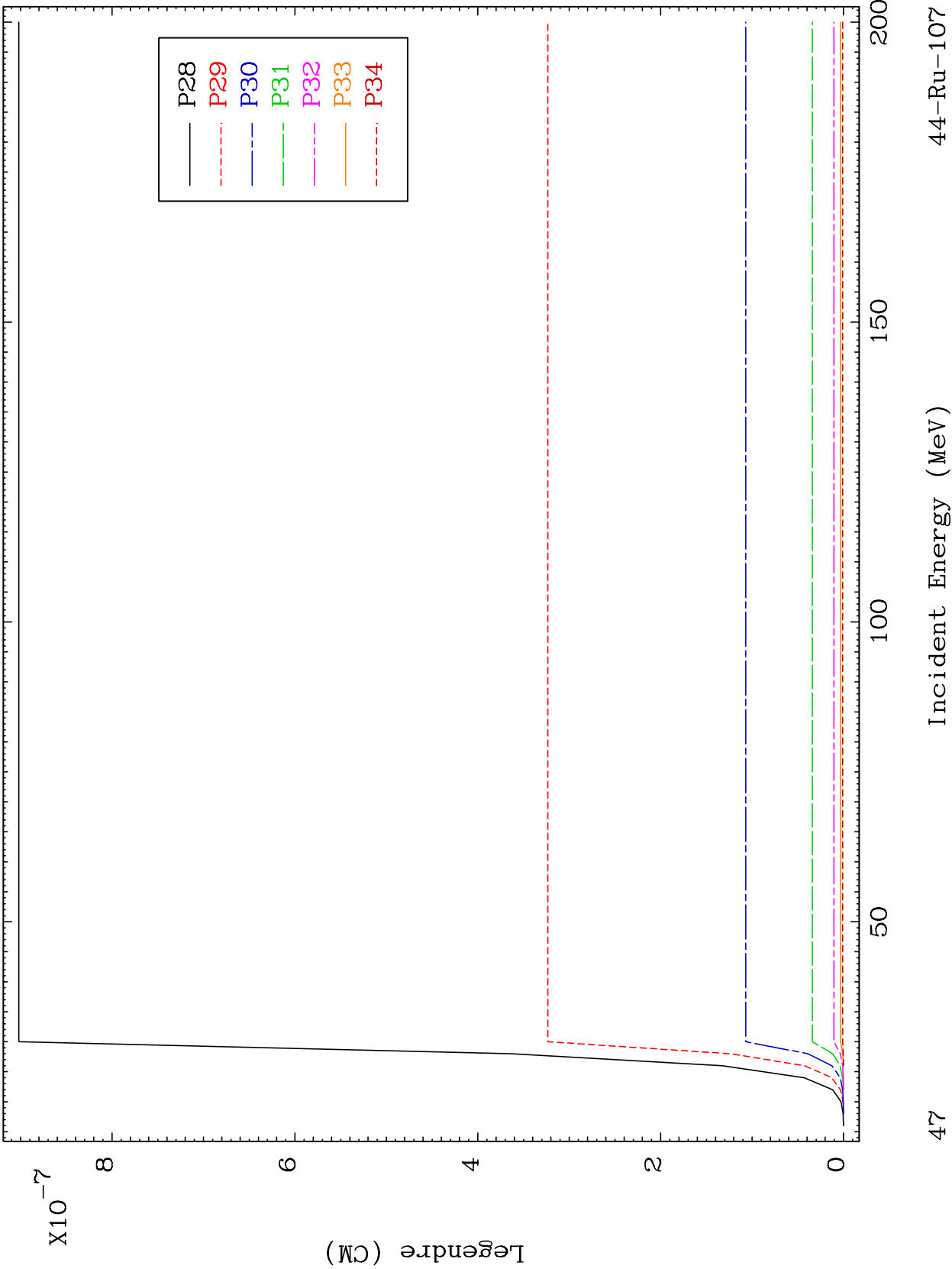
44-Ru-107



MAT 4458

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

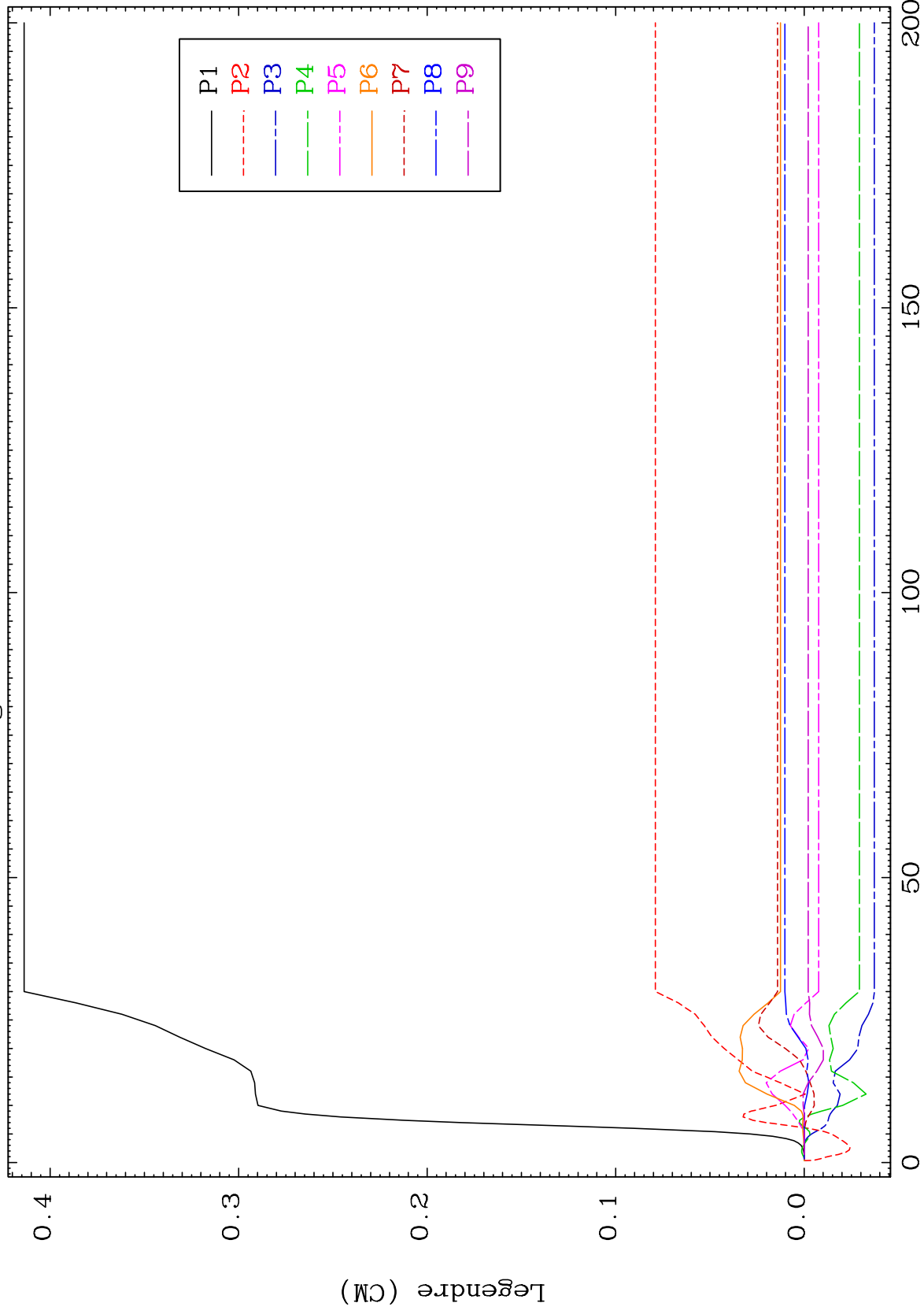
44-Ru-107



MAT 4458

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

44-Ru-107



48

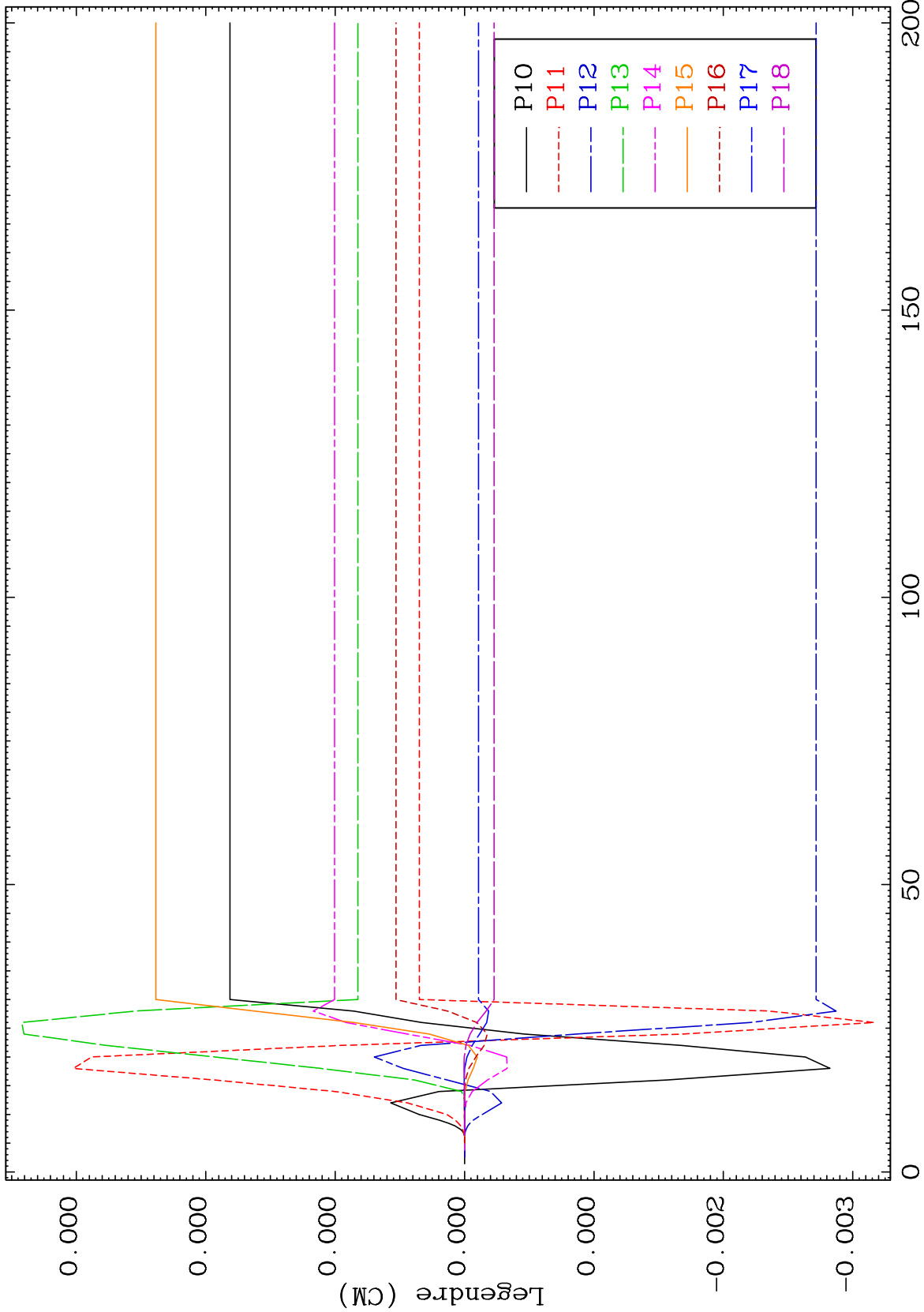
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

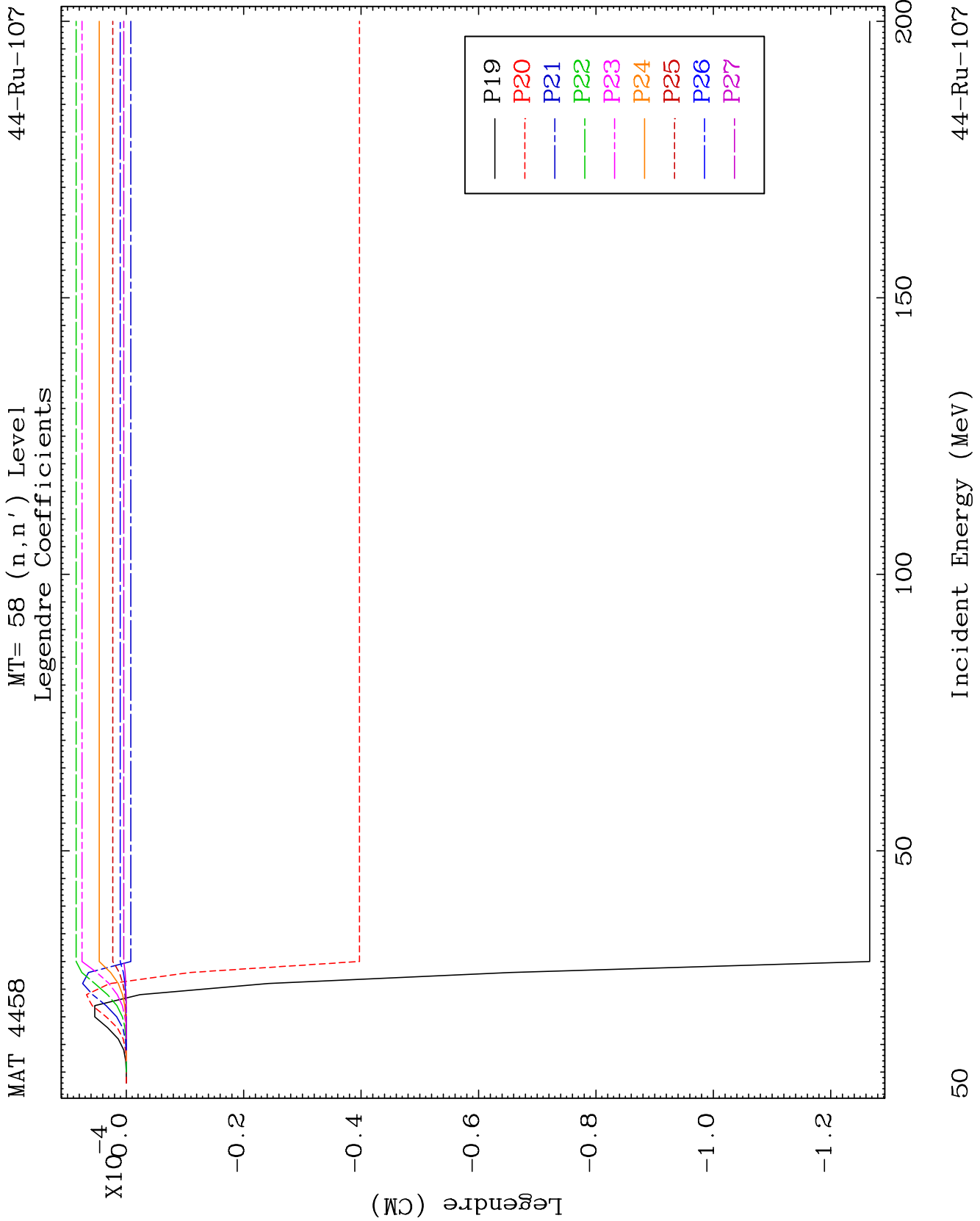
44-Ru-107



49

Incident Energy (MeV)

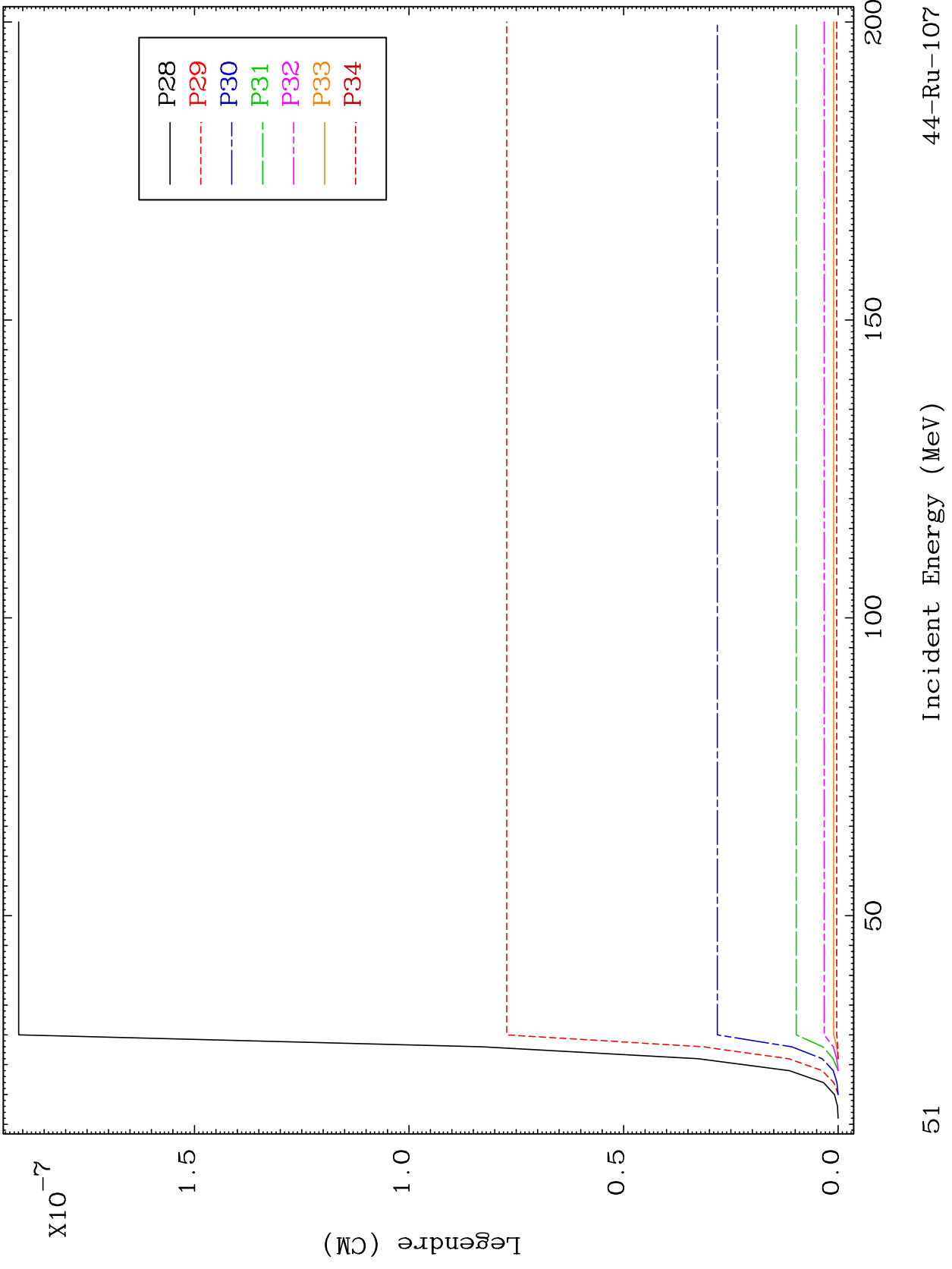
44-Ru-107



MAT 4458

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

44-Ru-107



51

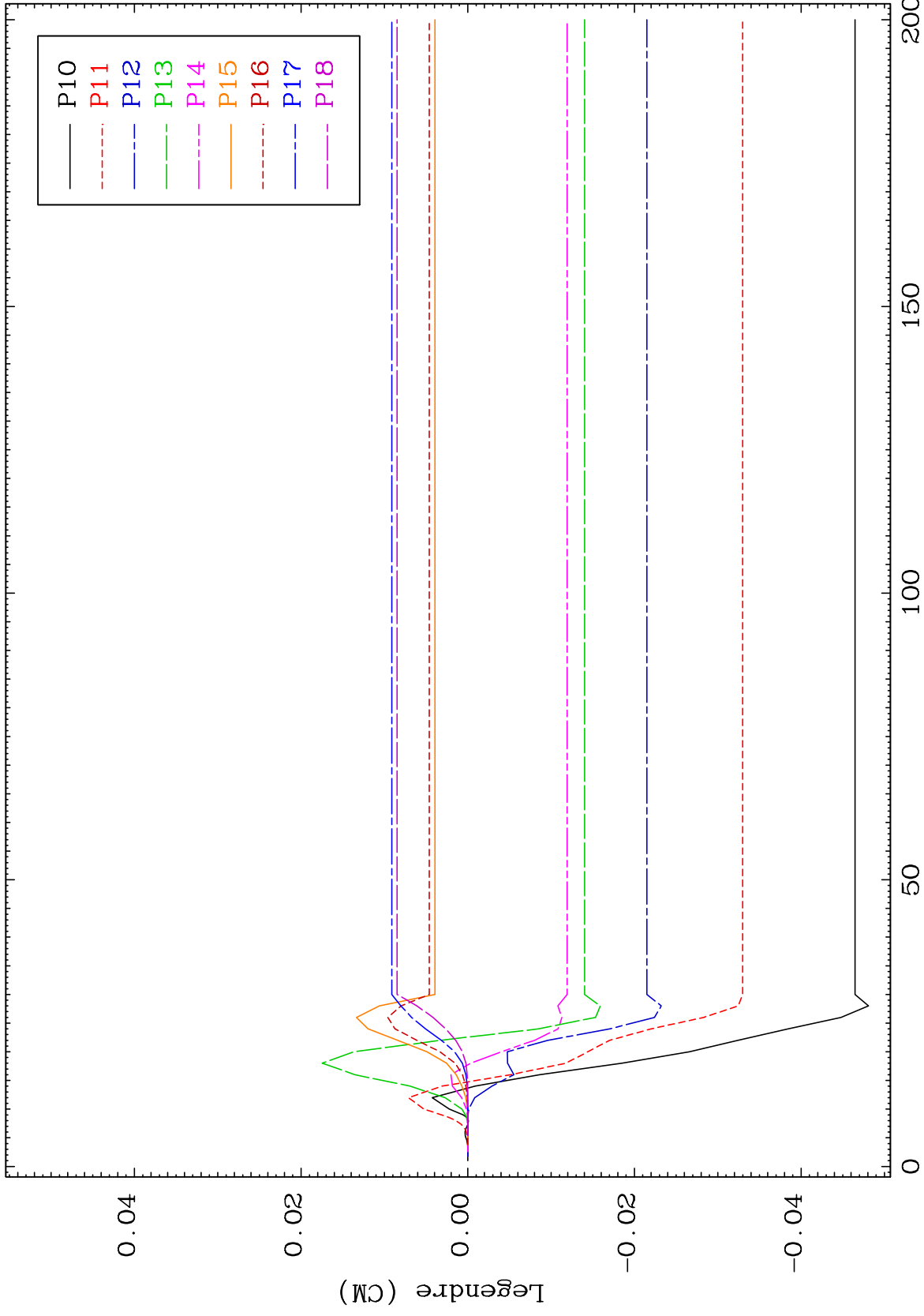
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



53

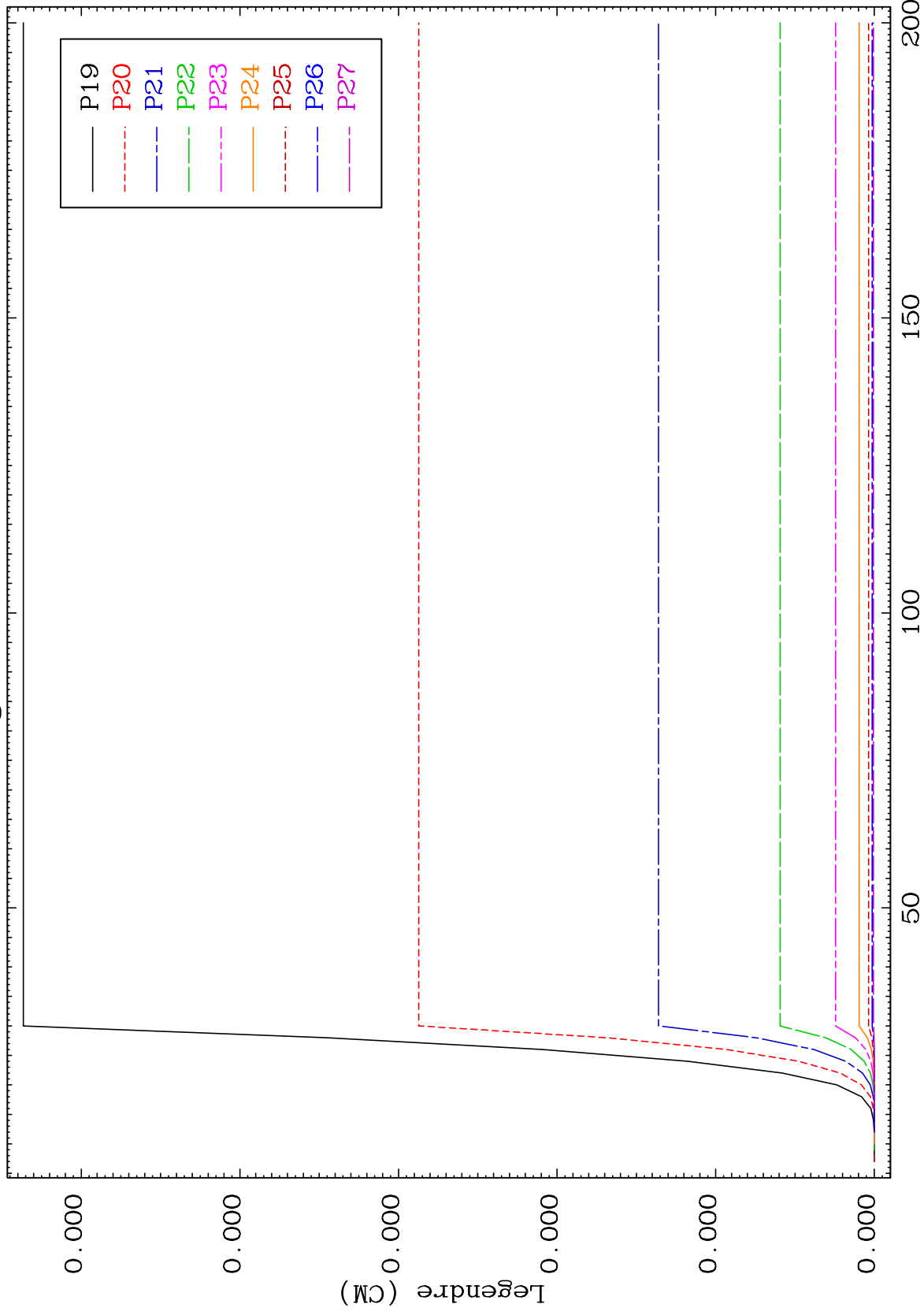
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



54

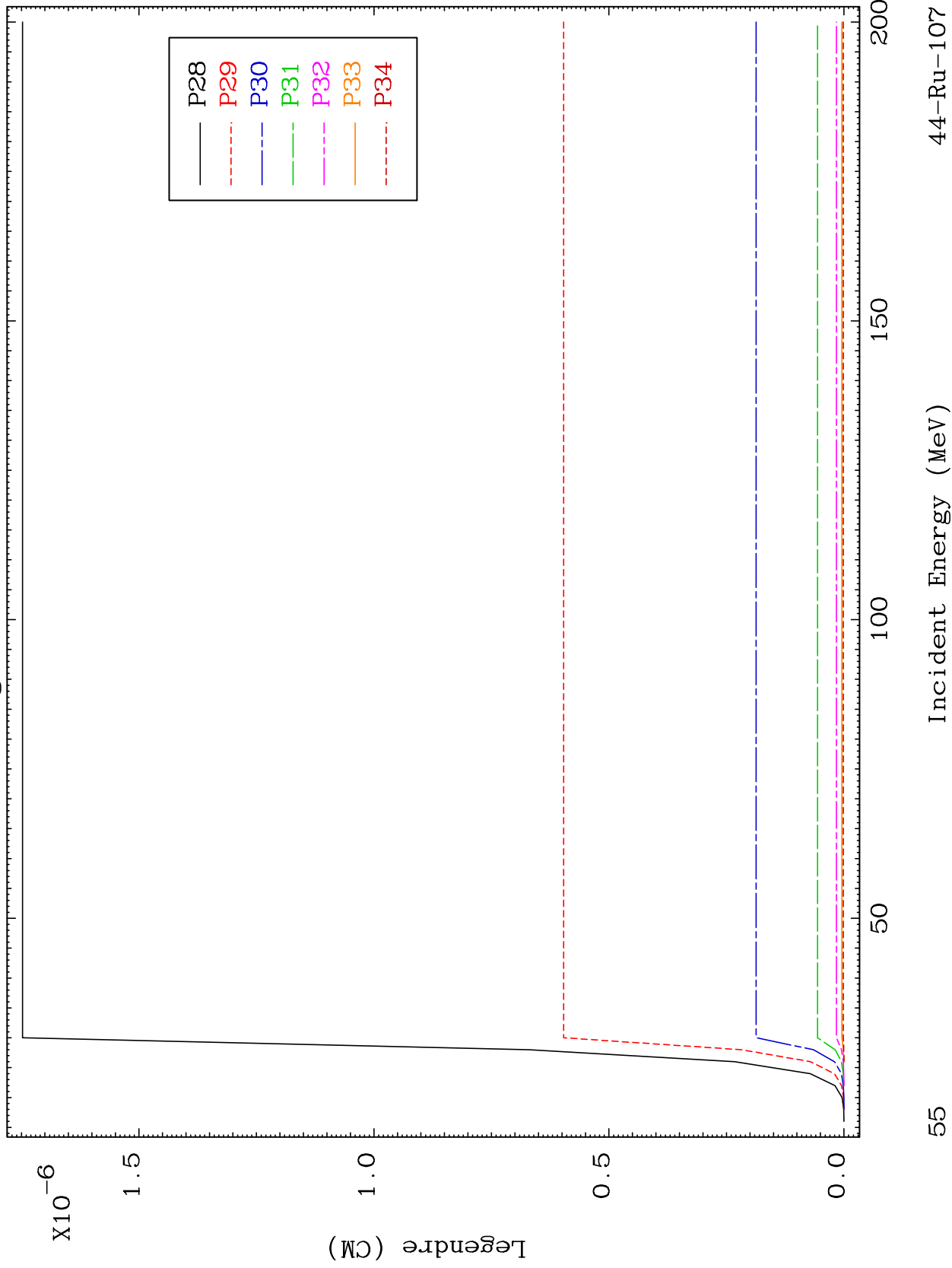
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

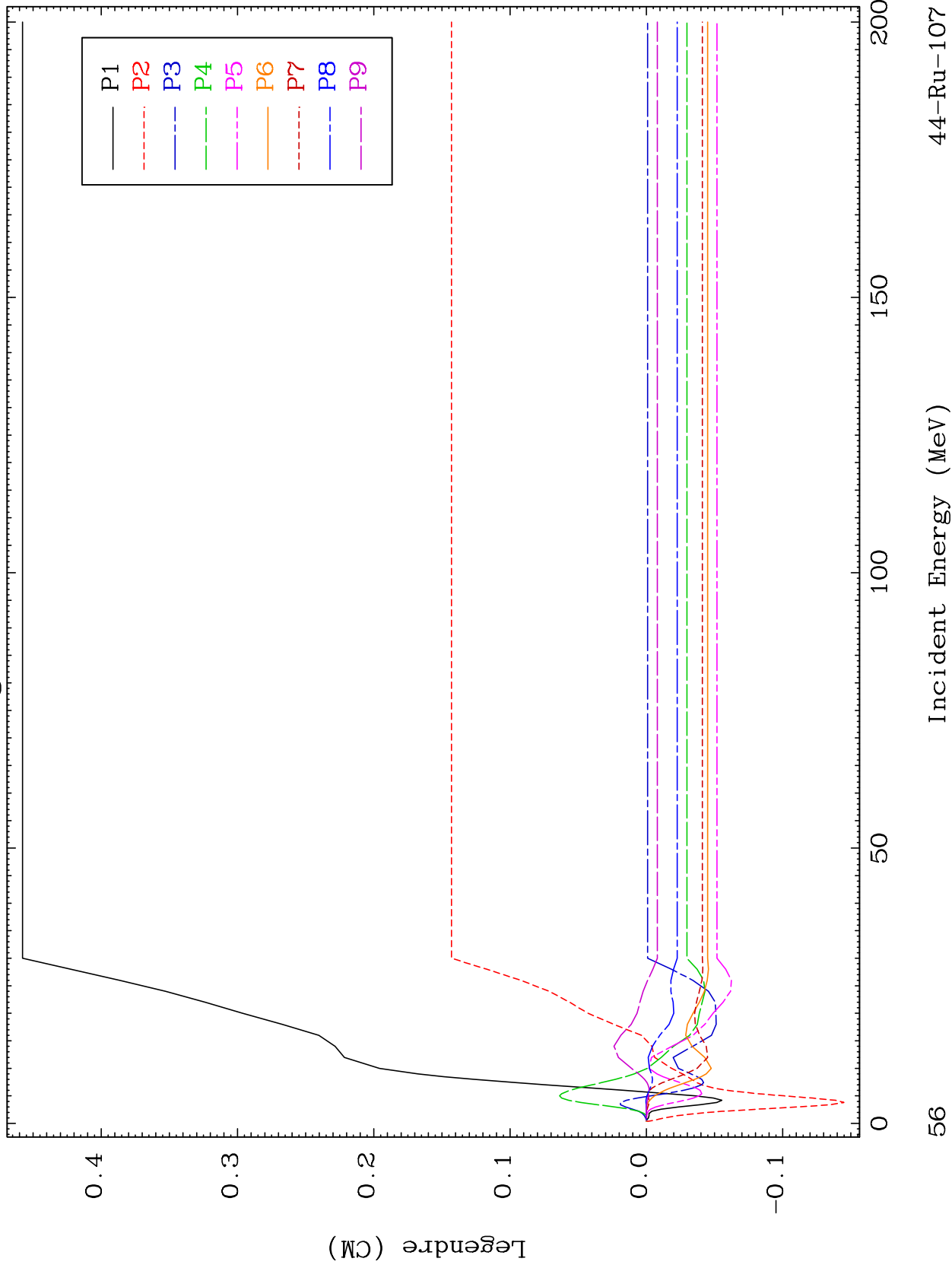
44-Ru-107



MAT 4458

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

44-Ru-107



44-Ru-107

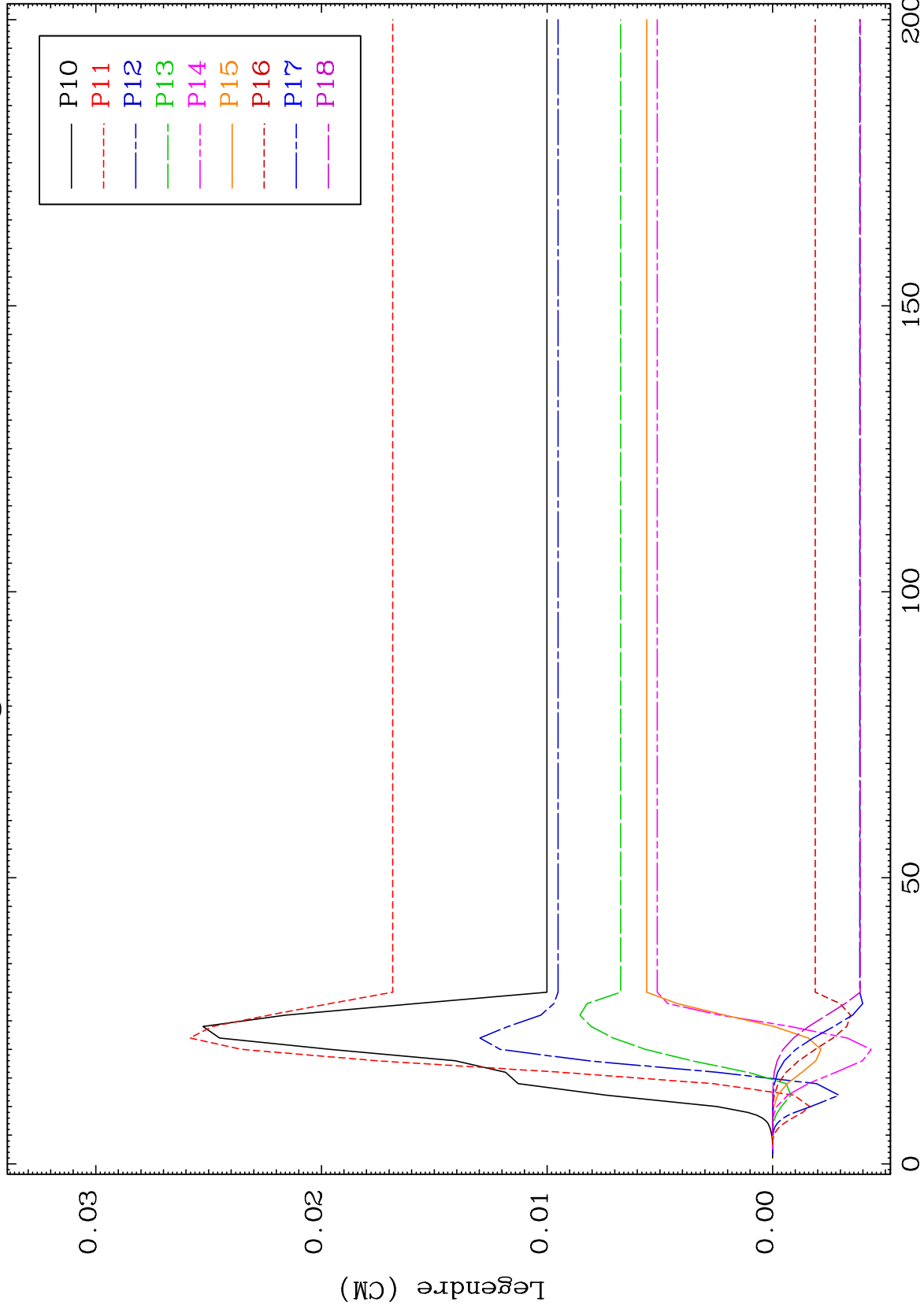
Incident Energy (MeV)

56

MAT 4458

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

44-Ru-107



57

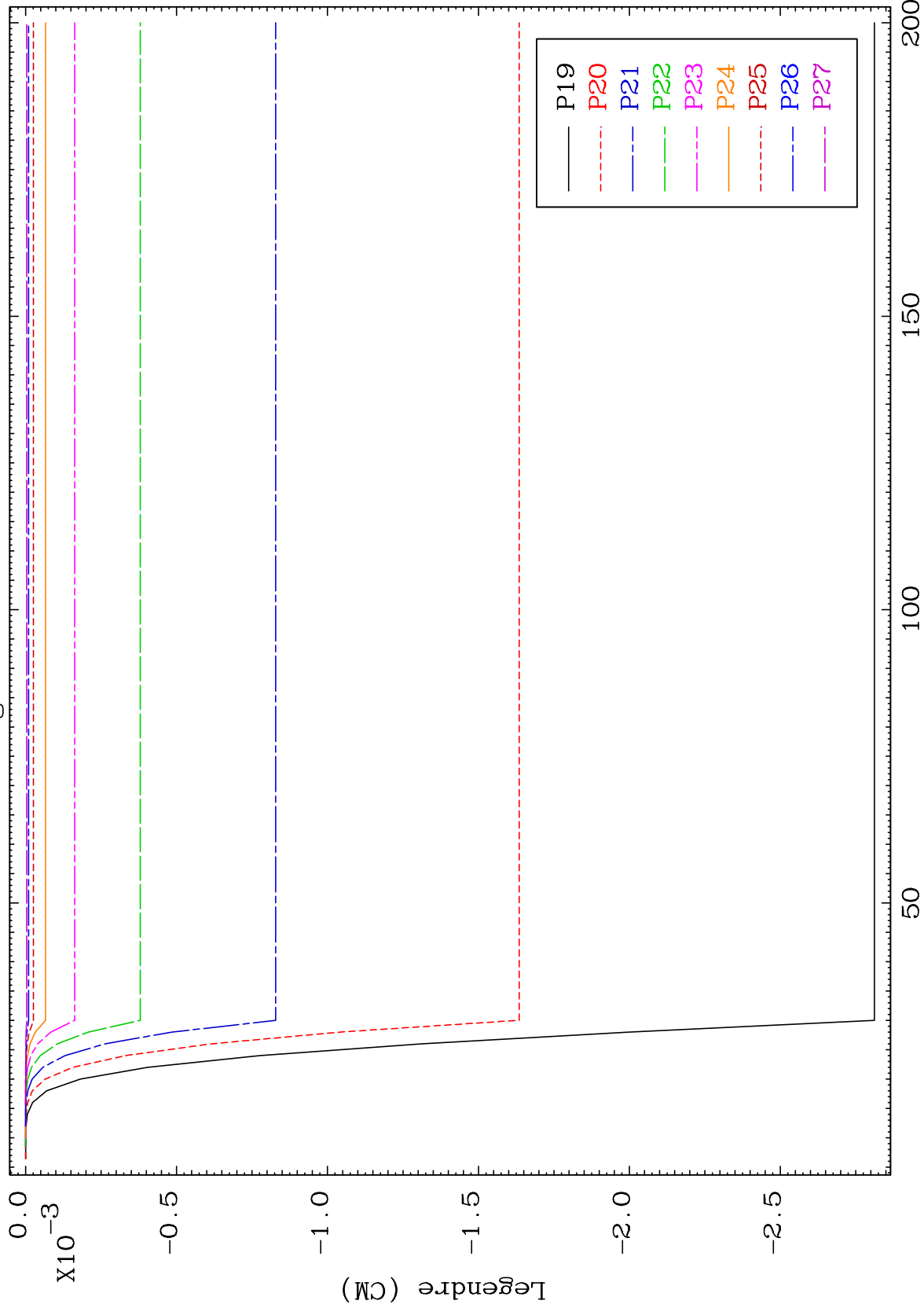
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



58

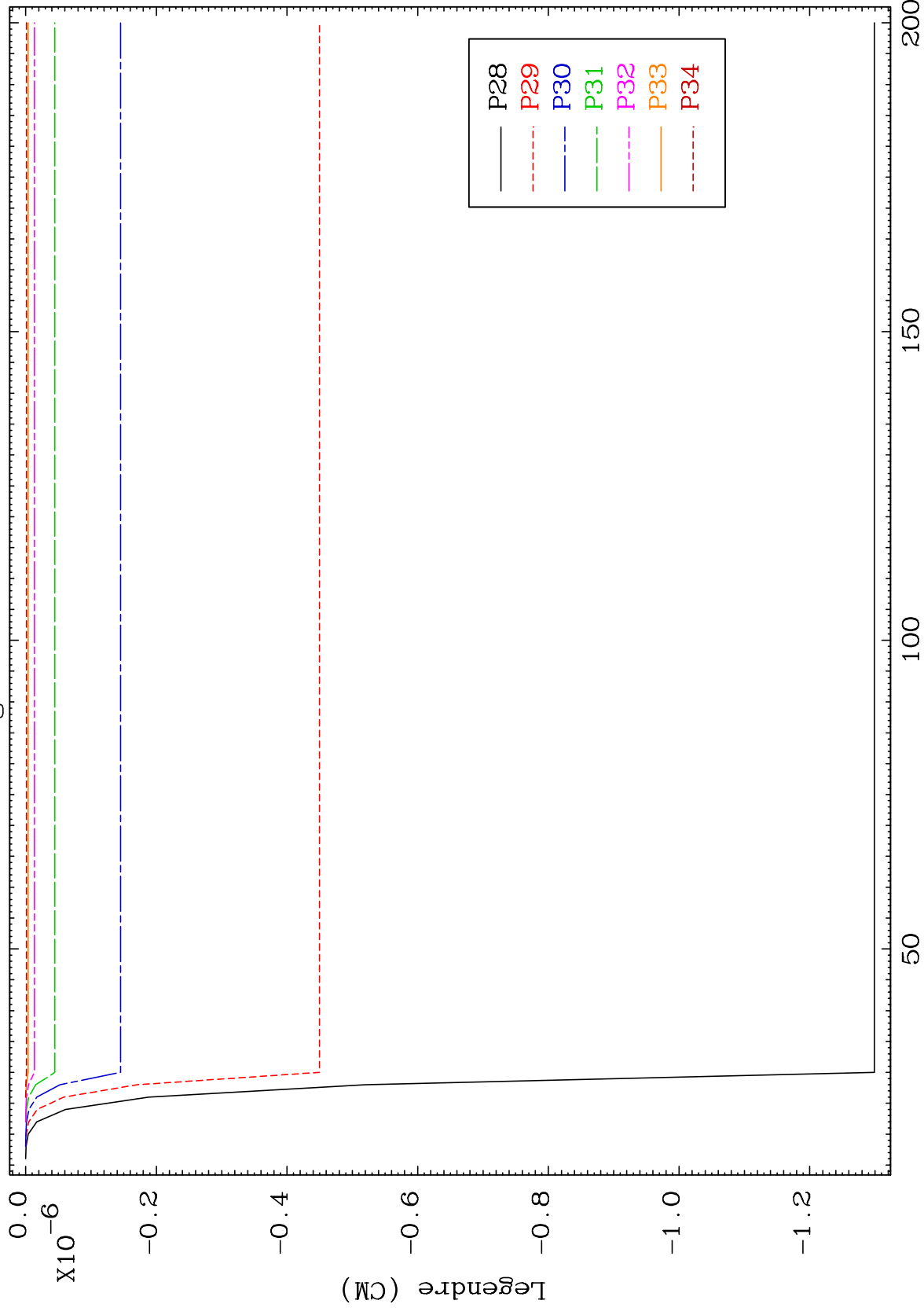
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



59

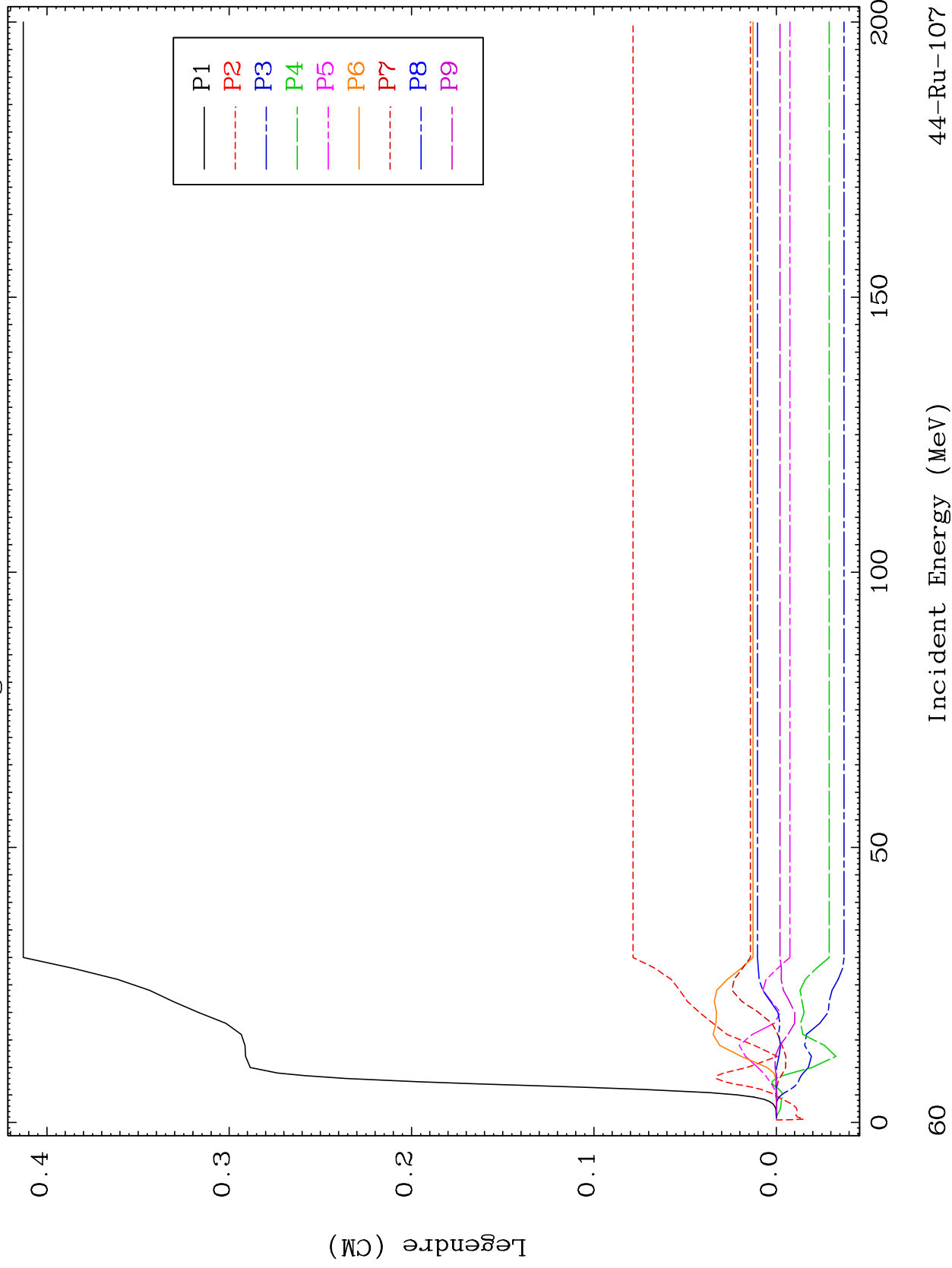
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



44-Ru-107

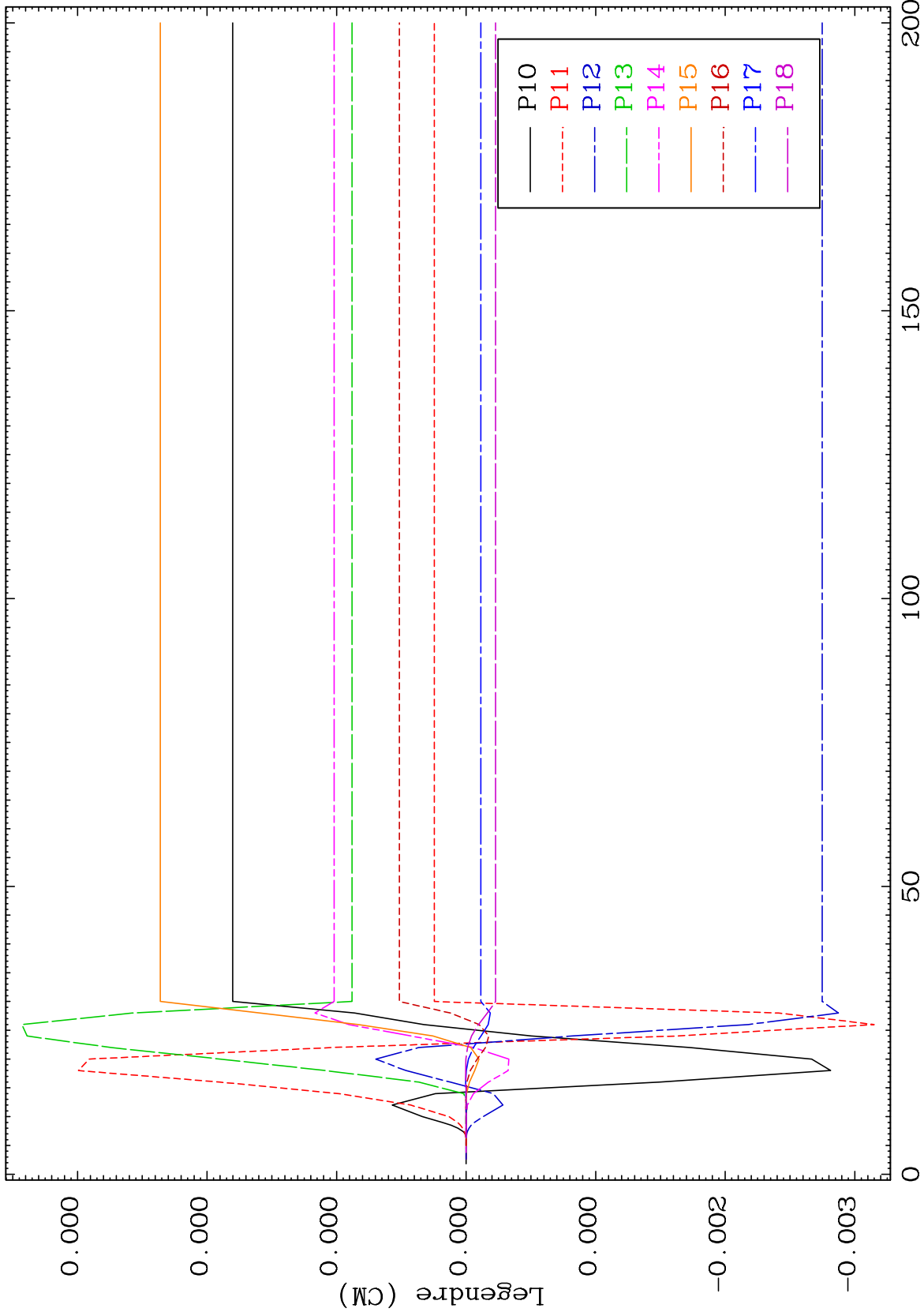
Incident Energy (MeV)

60

MAT 4458

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

44-Ru-107



61

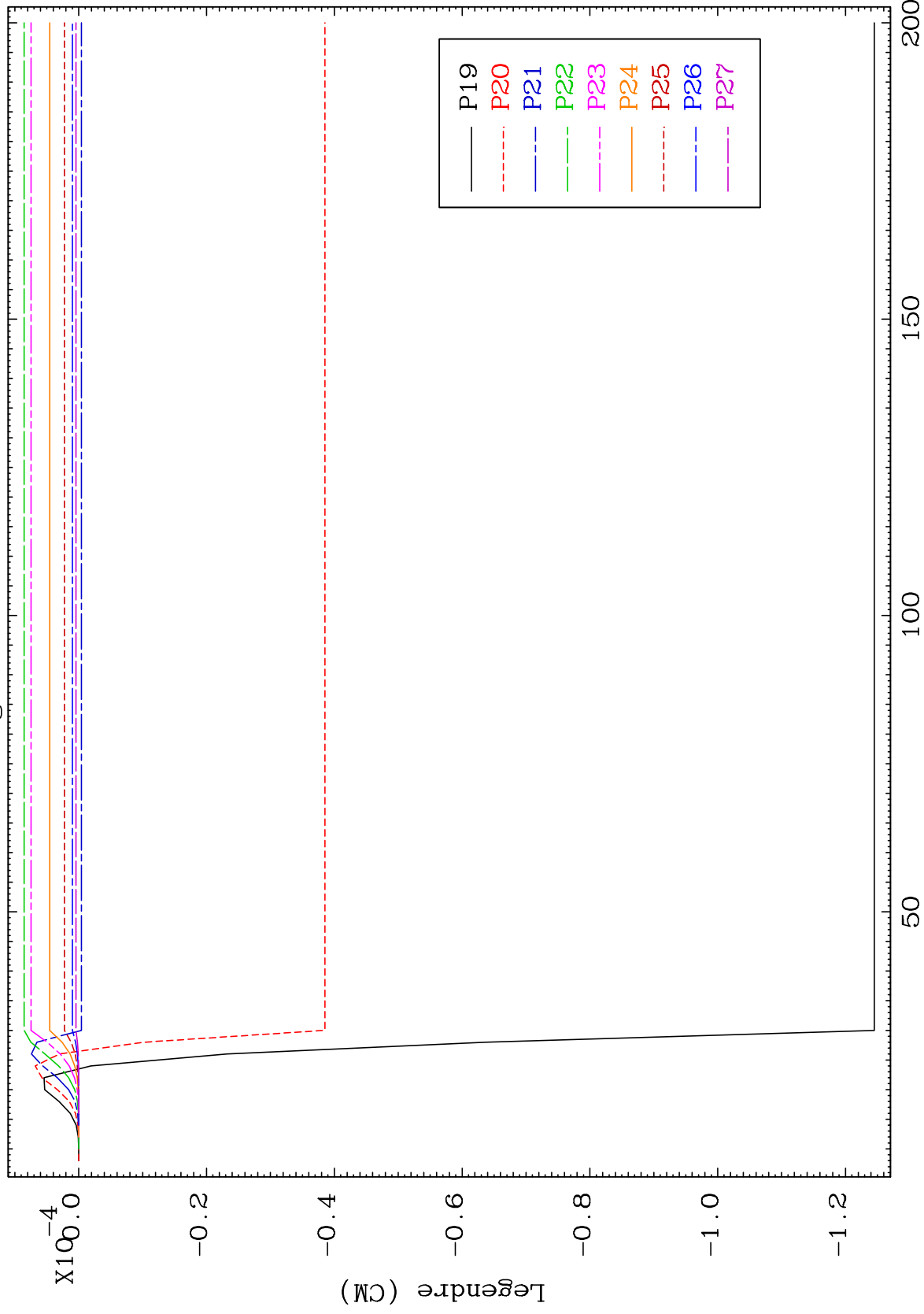
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



62

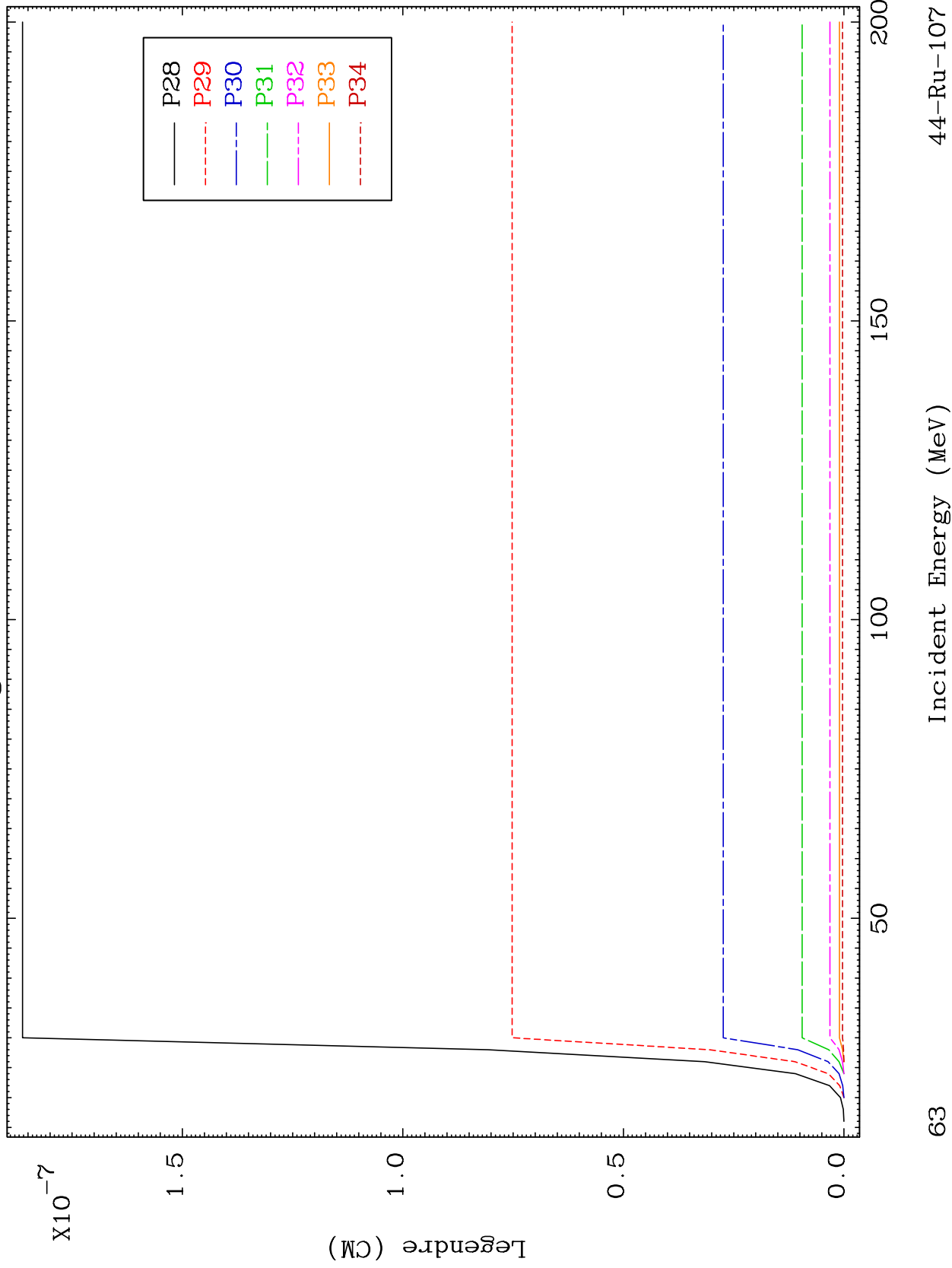
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

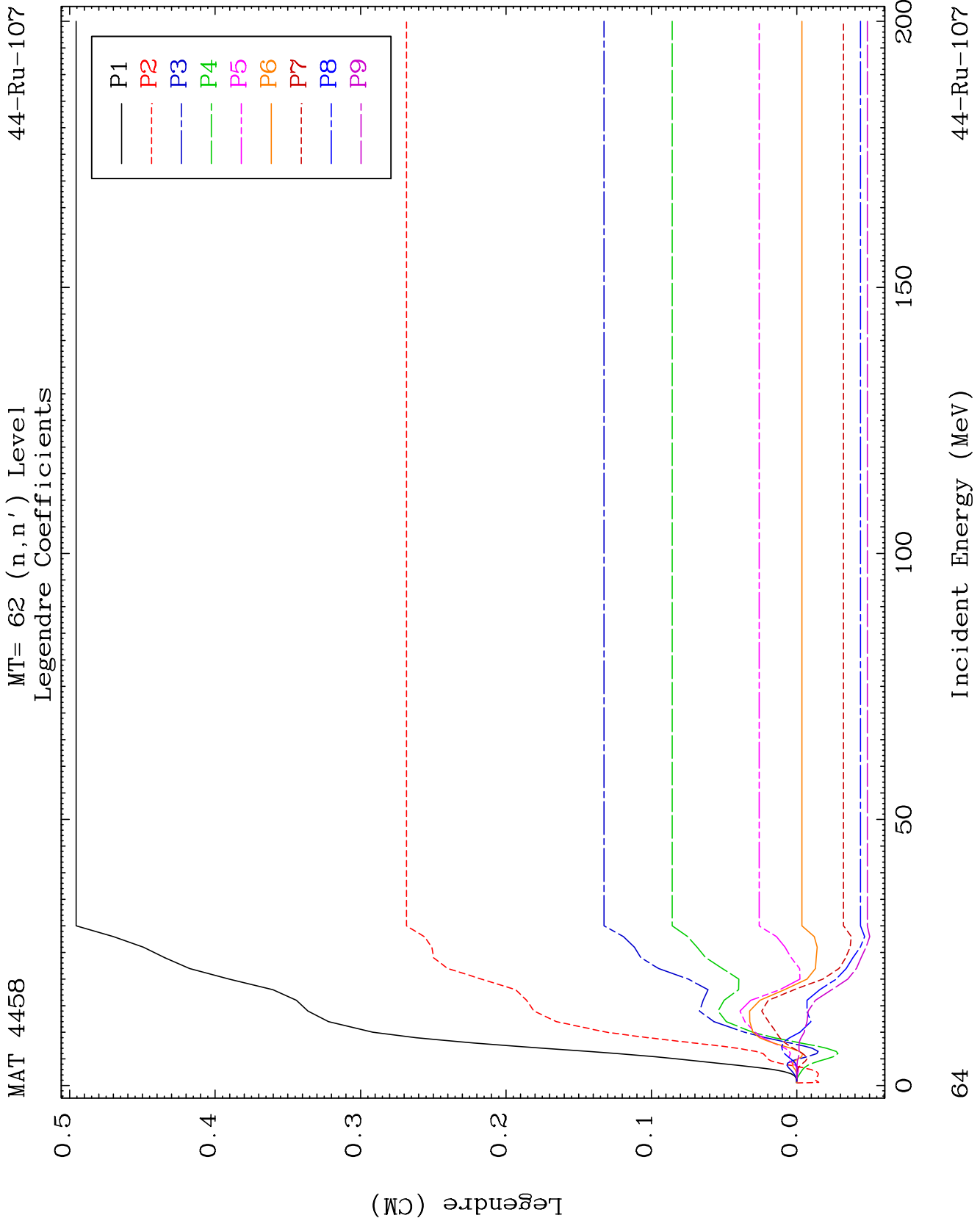
44-Ru-107



63

Incident Energy (MeV)

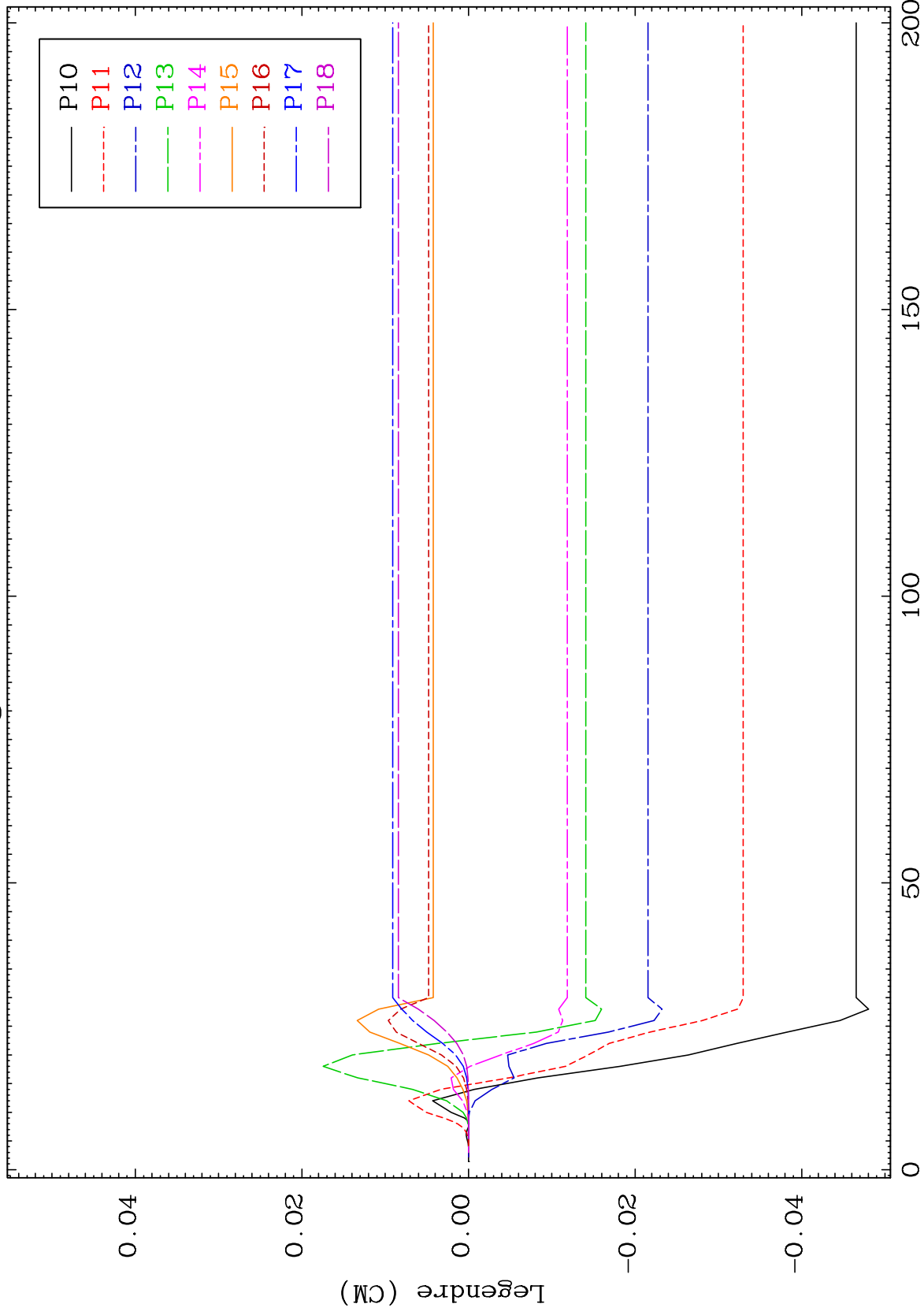
44-Ru-107



MAT 4458

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

44-Ru-107



65

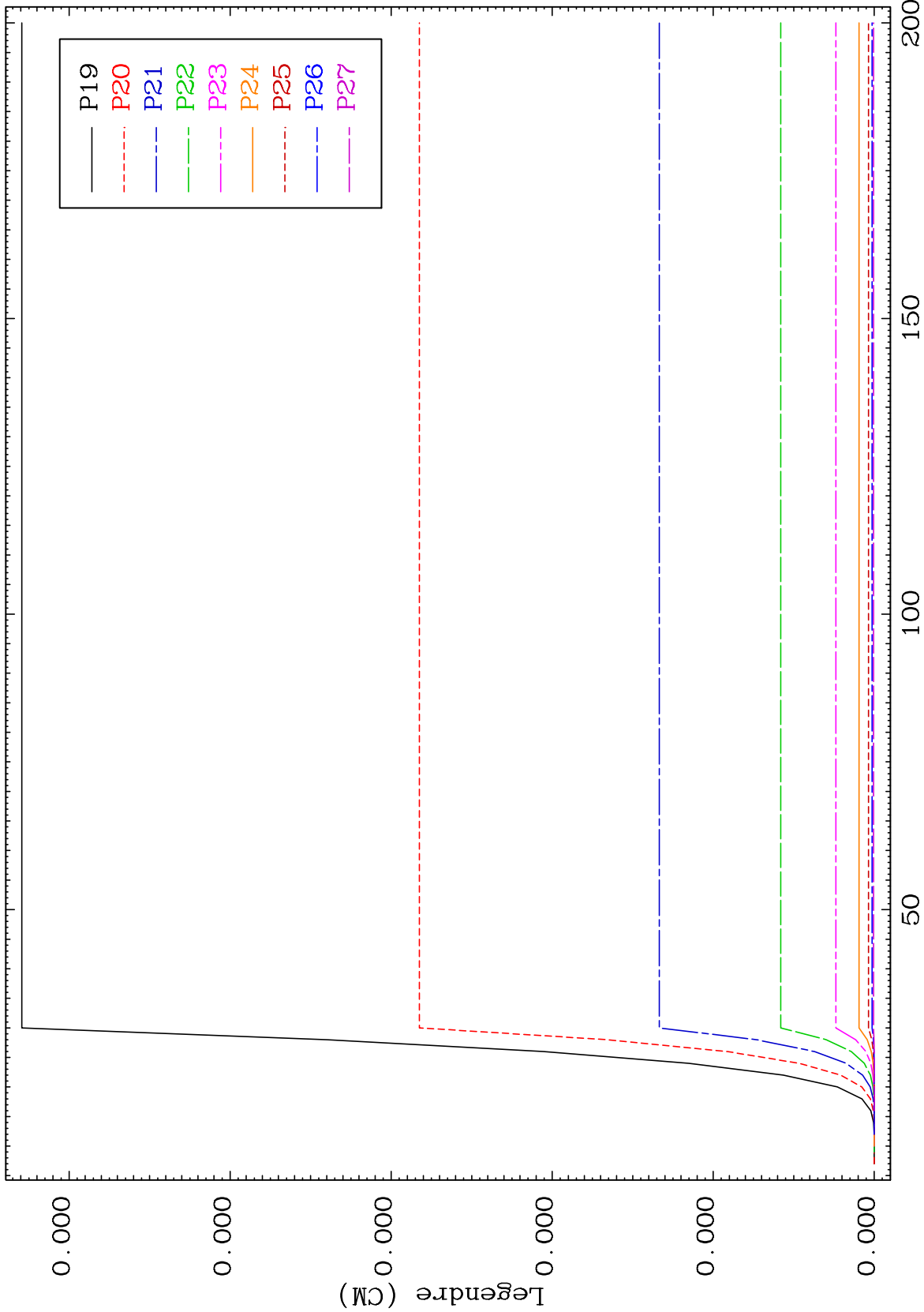
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



66

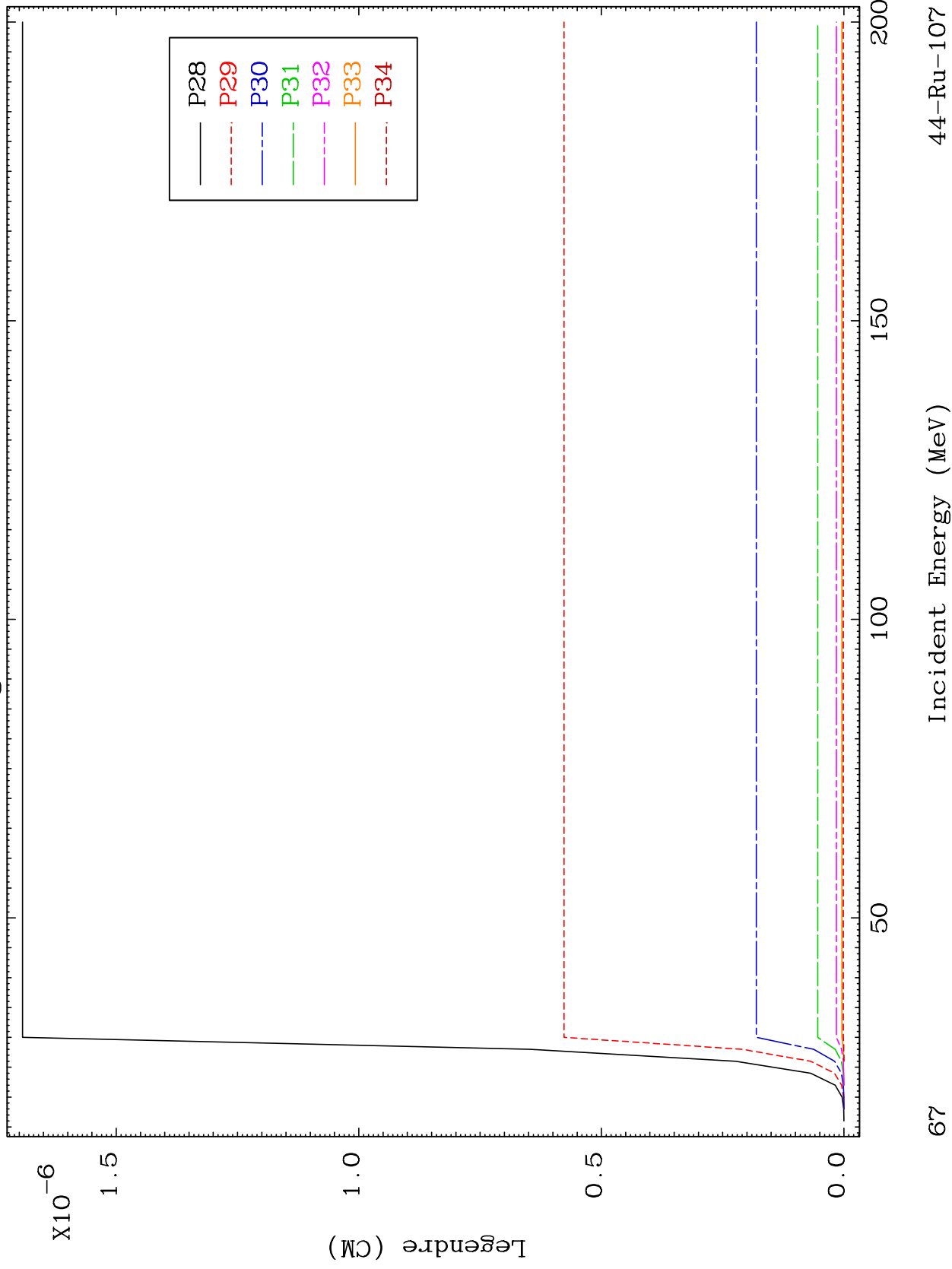
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



67

Incident Energy (MeV)

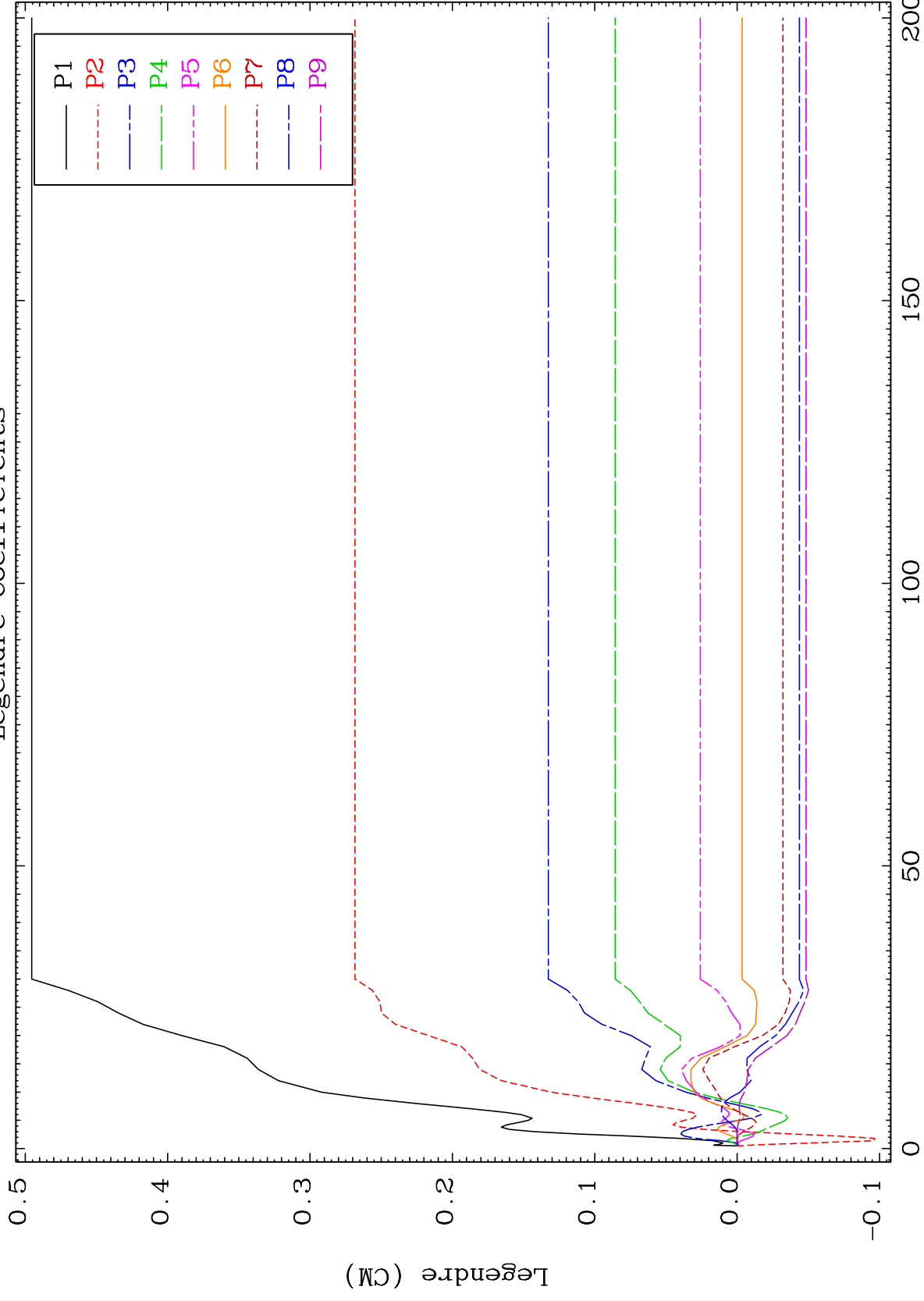
44-Ru-107

MAT 4458

MT= 63 (n,n') Level

44-Ru-107

Legendre Coefficients



68

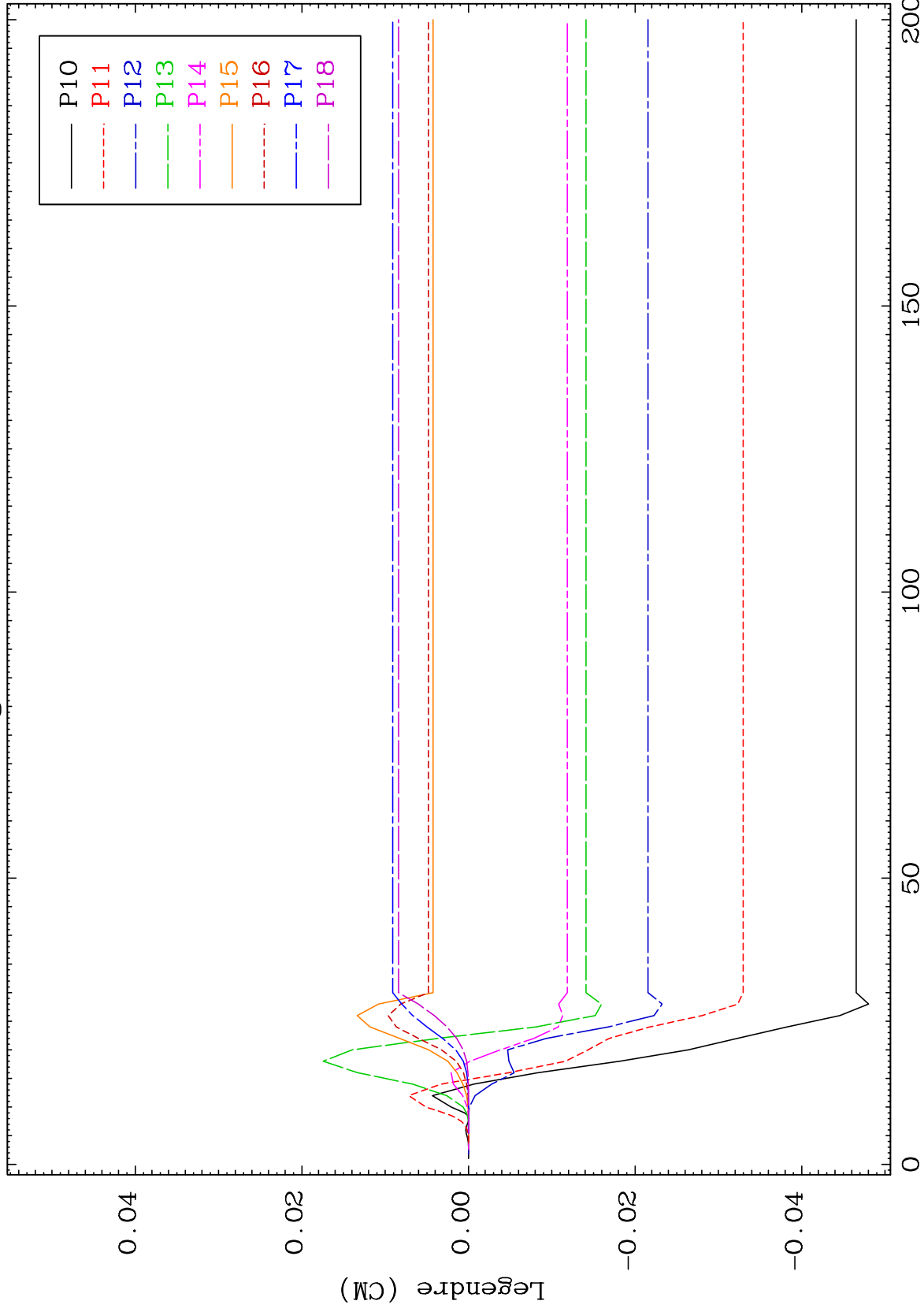
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



69

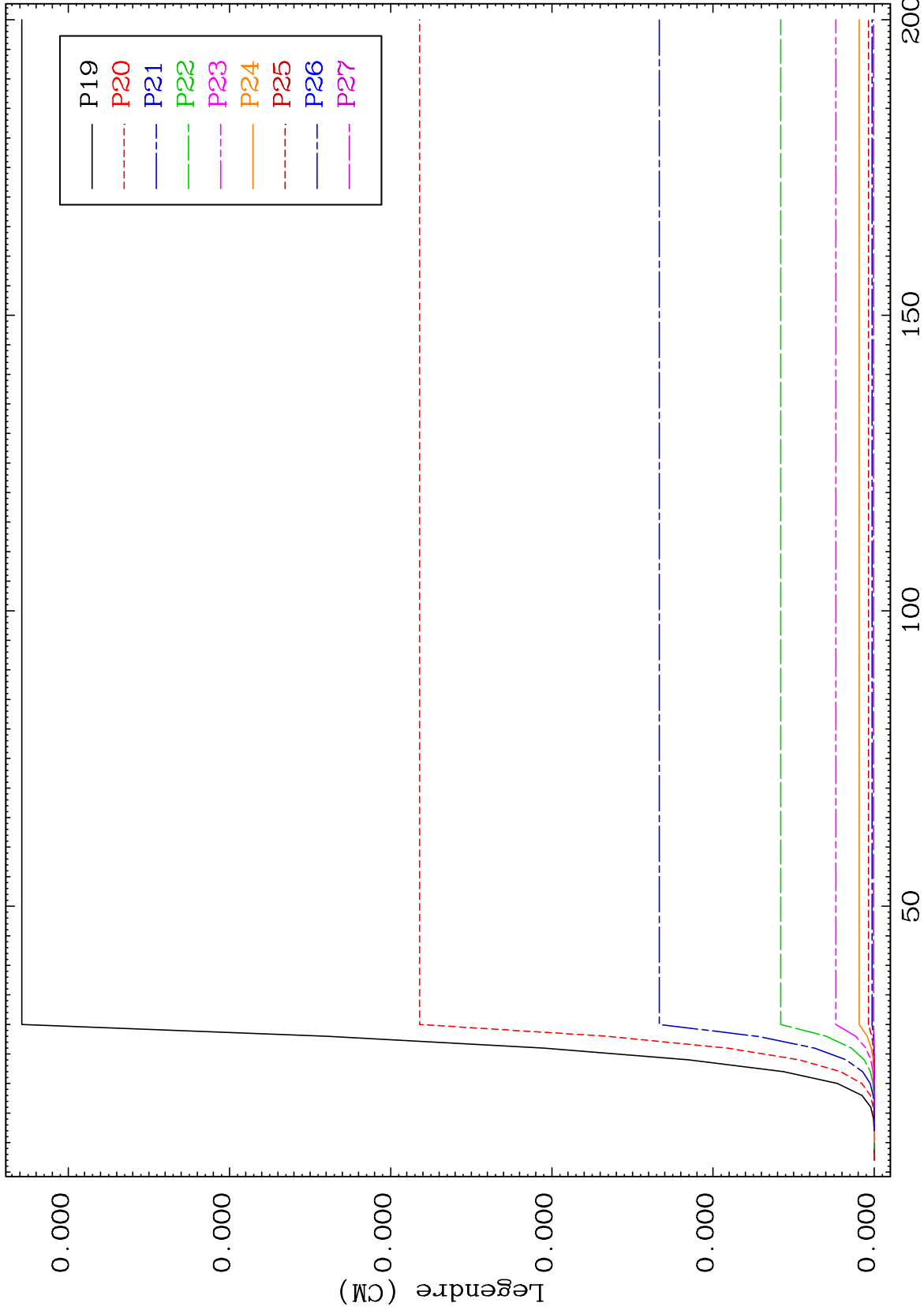
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



70

Incident Energy (MeV)

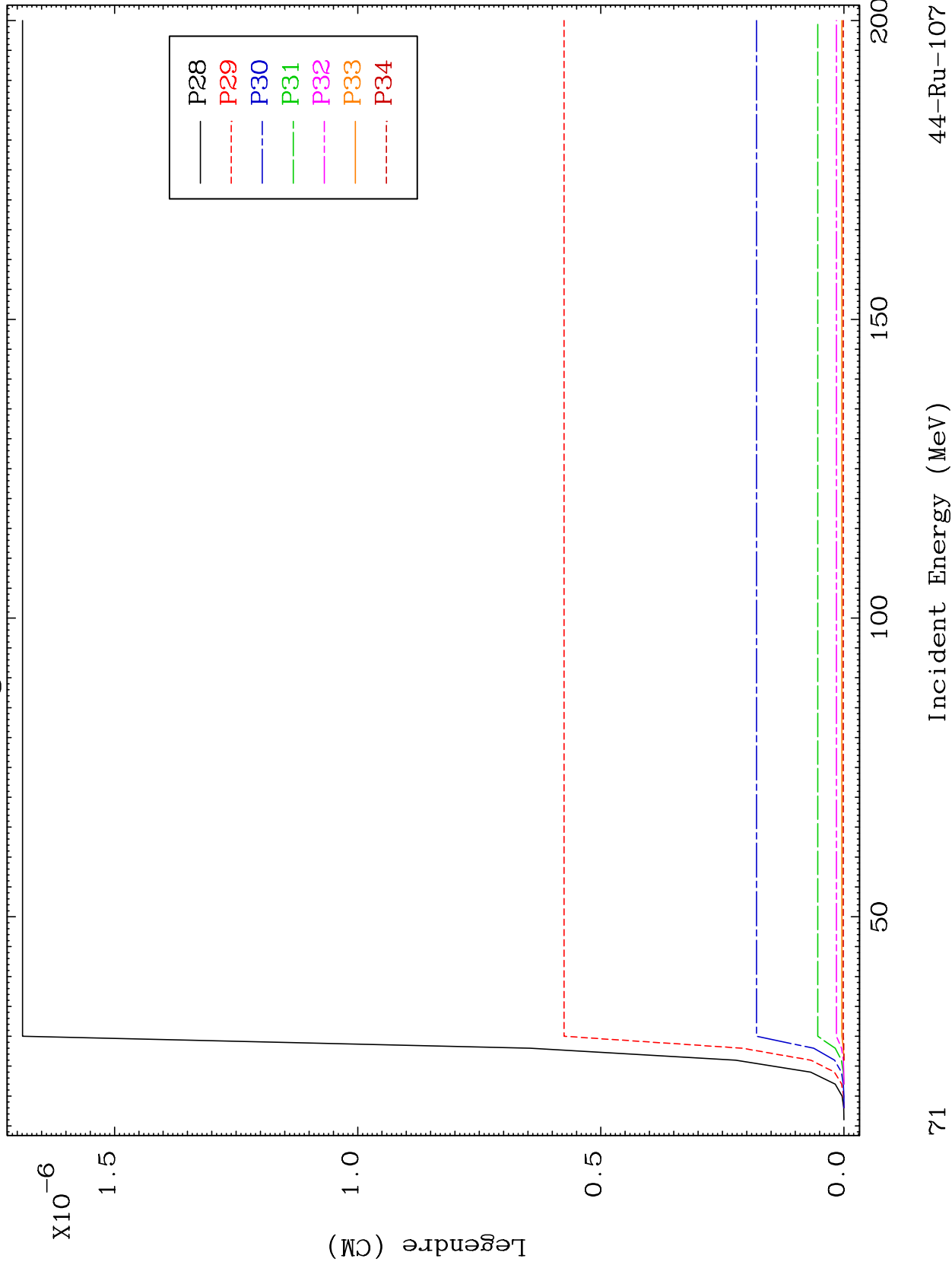
44-Ru-107

200

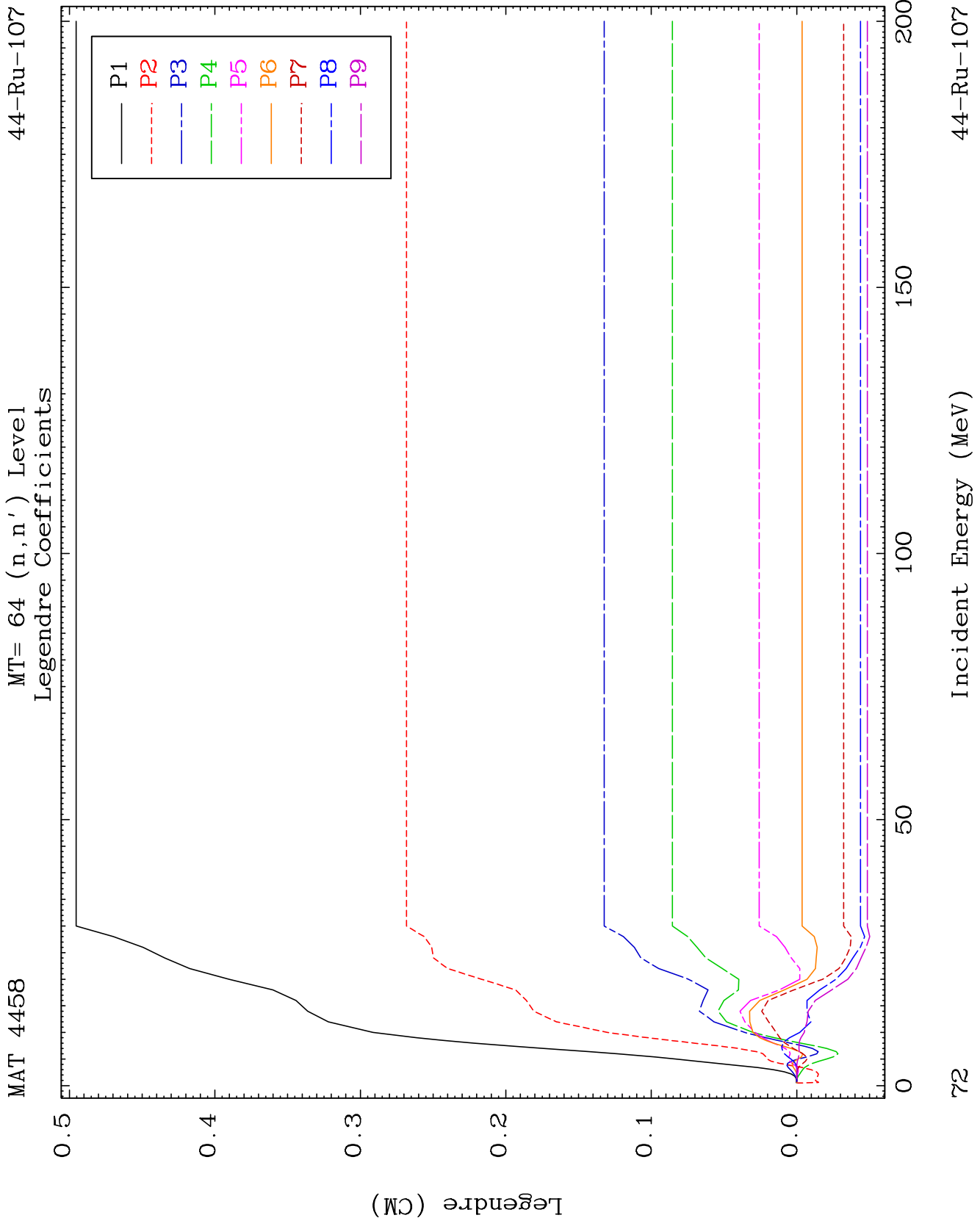
MAT 4458

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

44-Ru-107



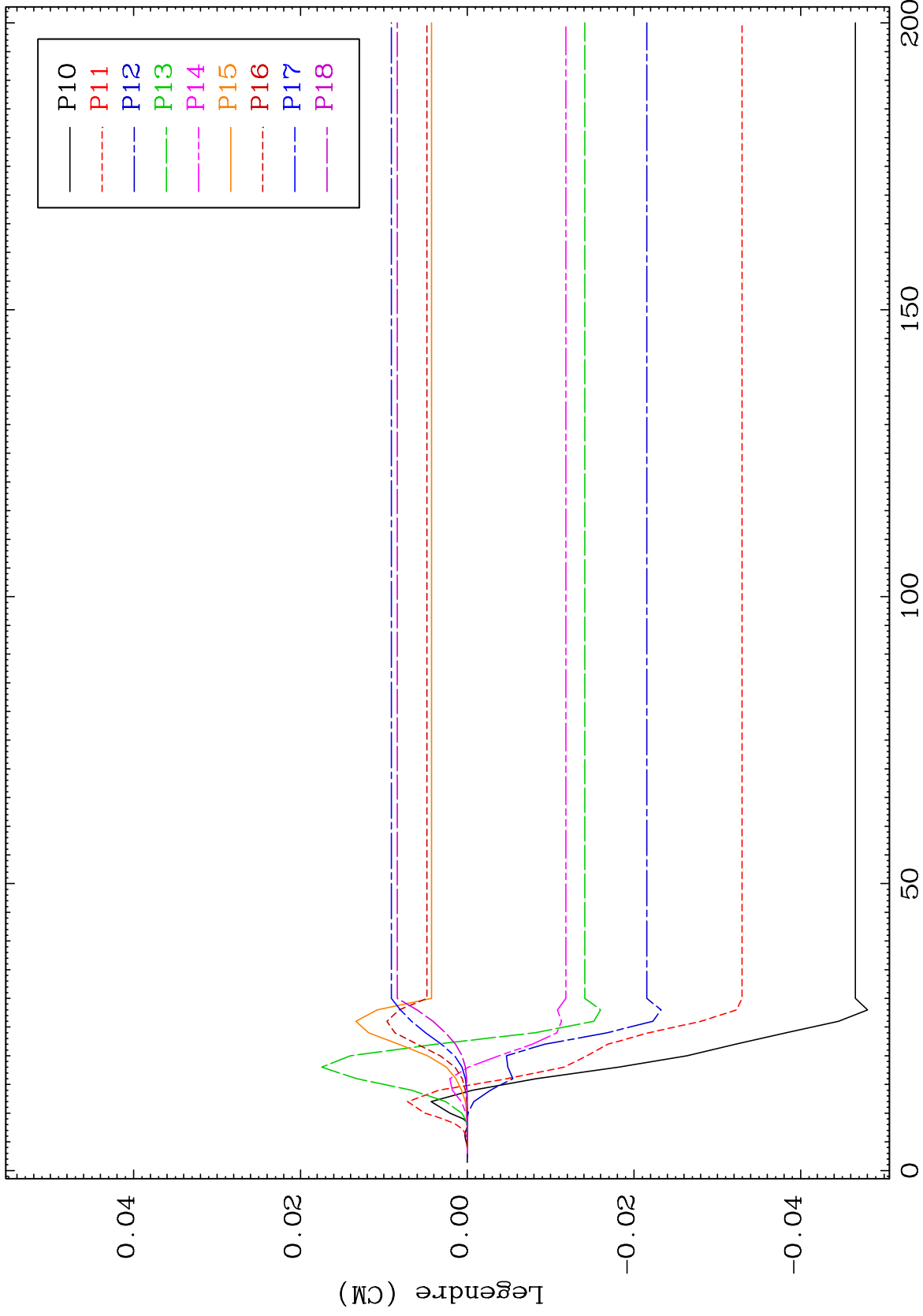
71



MAT 4458

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

44-Ru-107



73

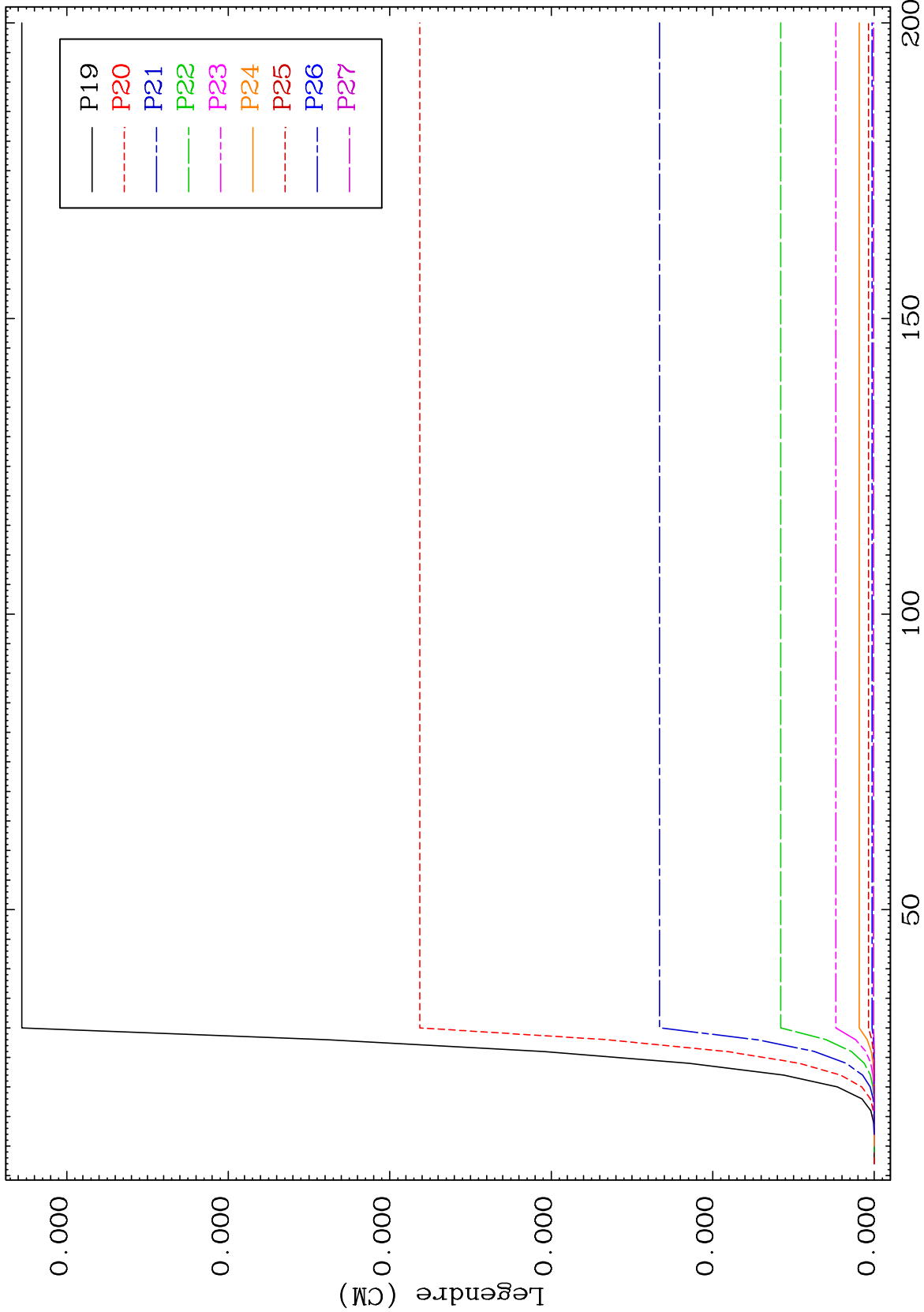
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



74

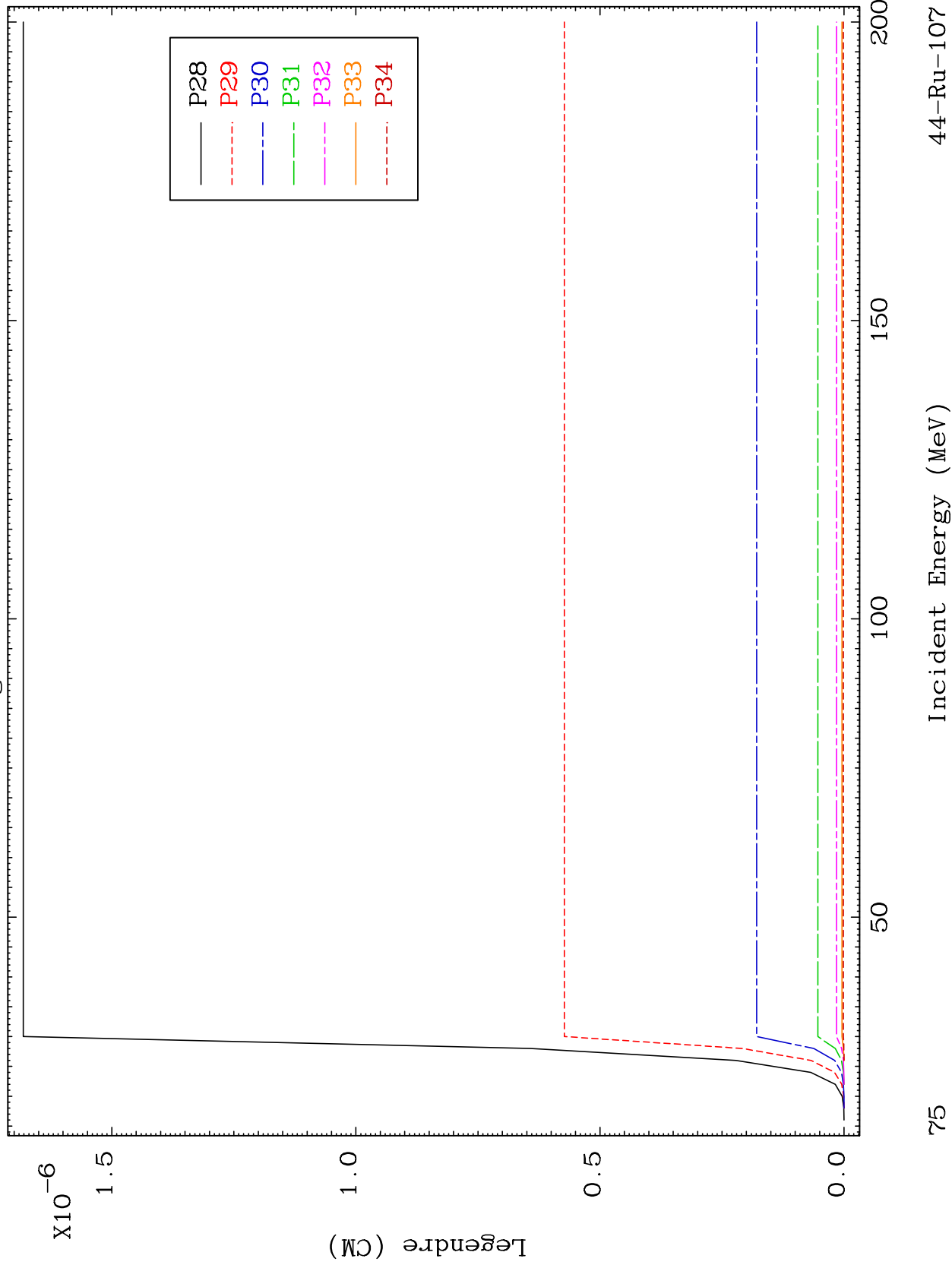
Incident Energy (MeV)

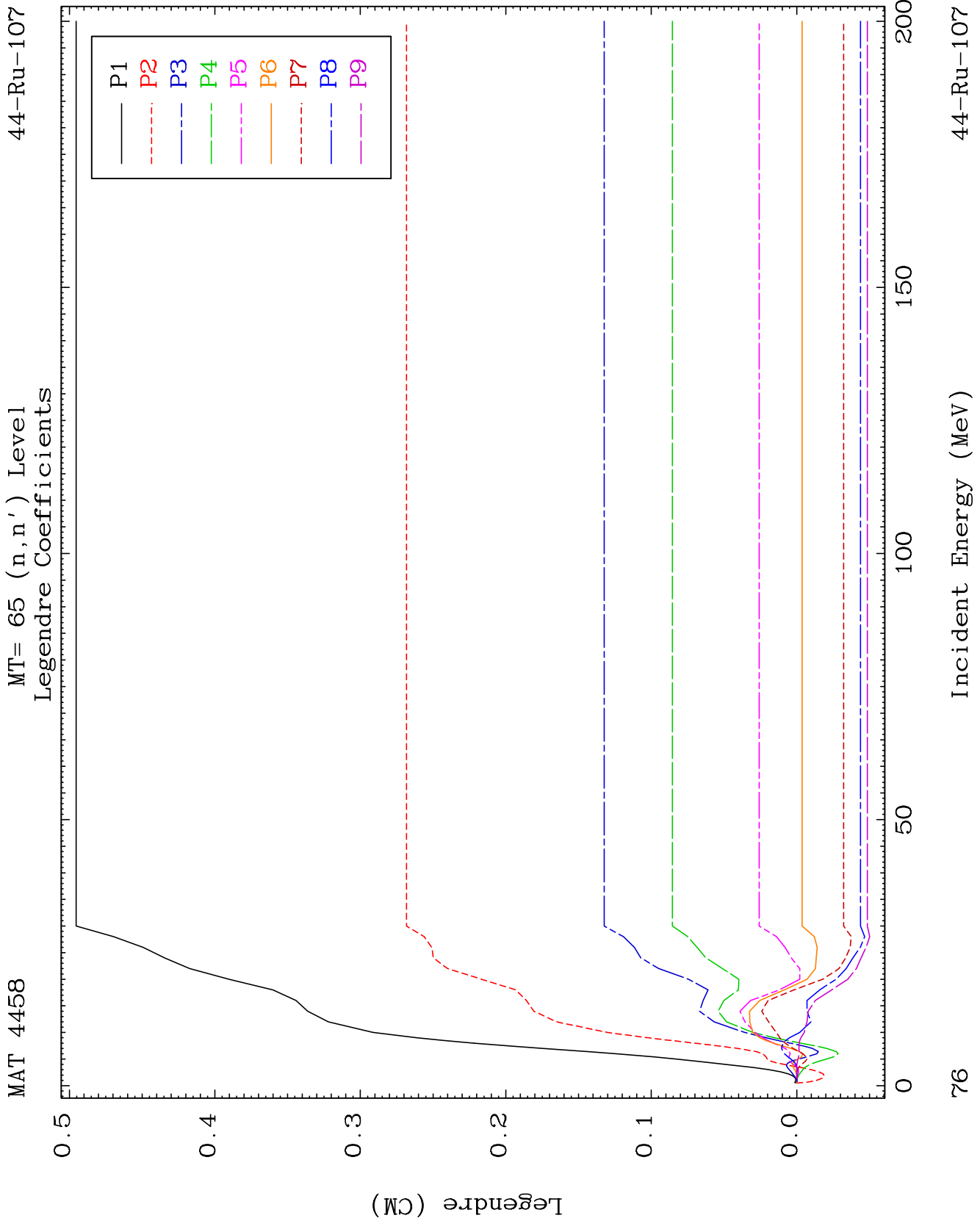
44-Ru-107

MAT 4458

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

44-Ru-107

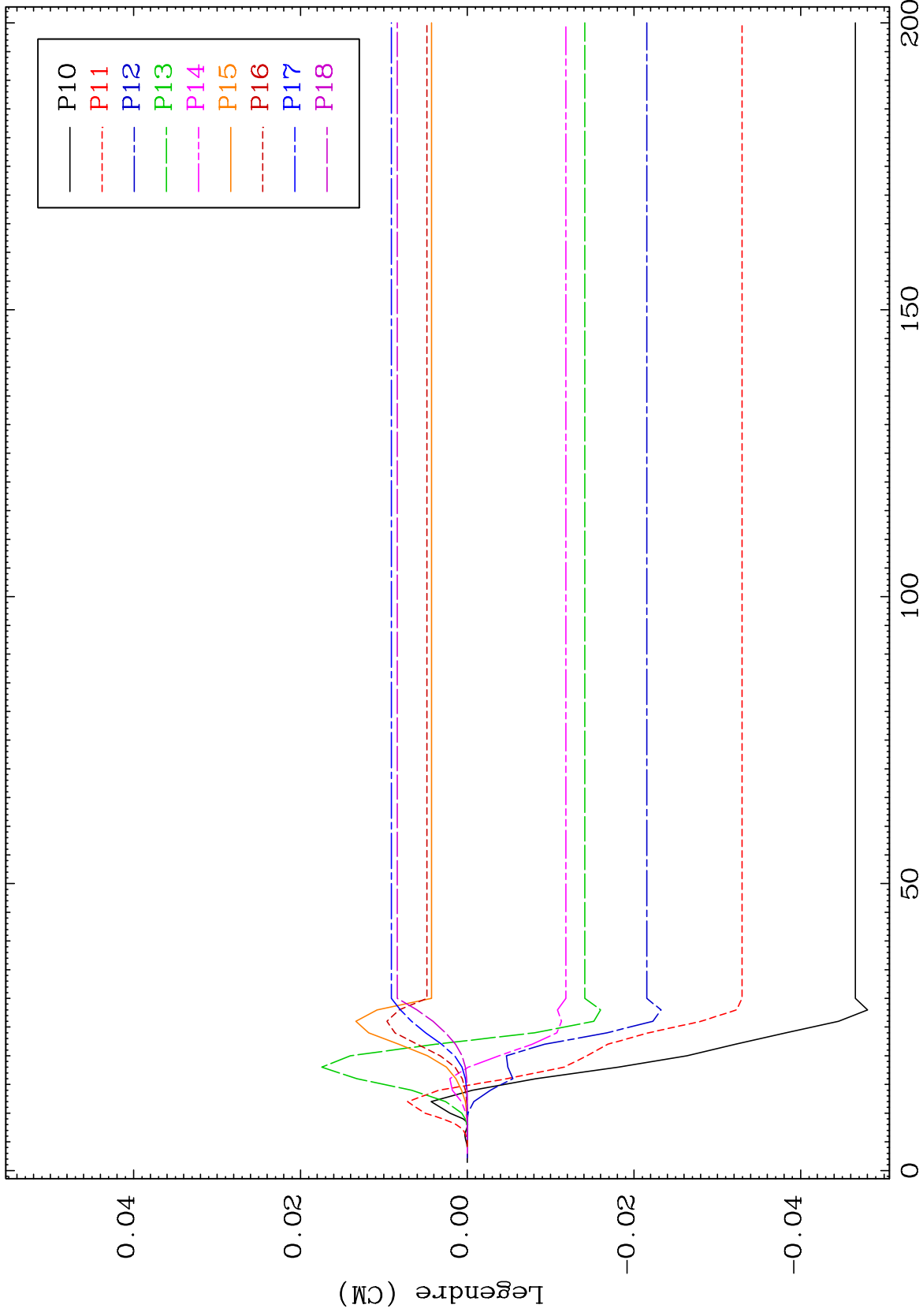




MAT 4458

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

44-Ru-107



77

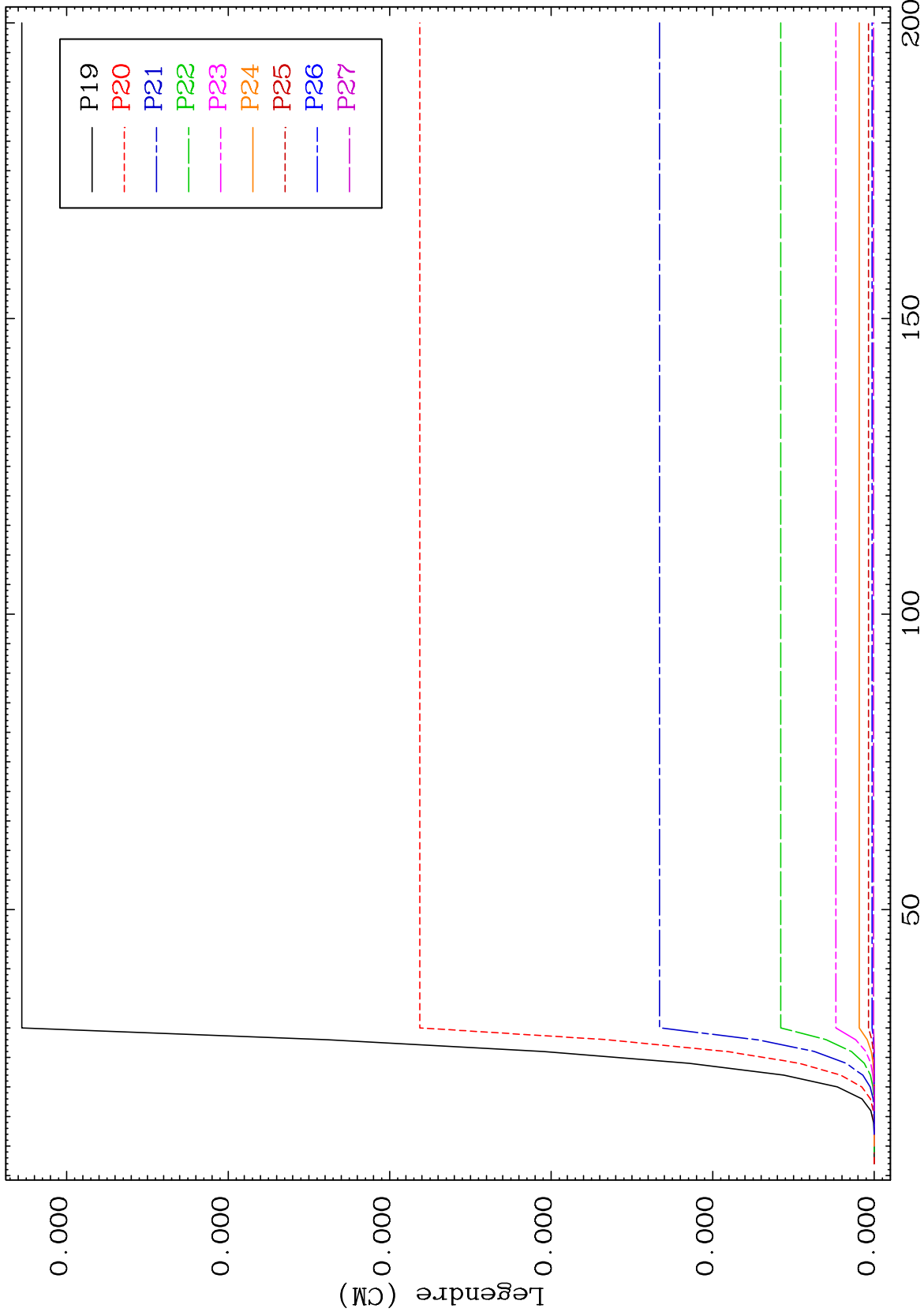
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



78

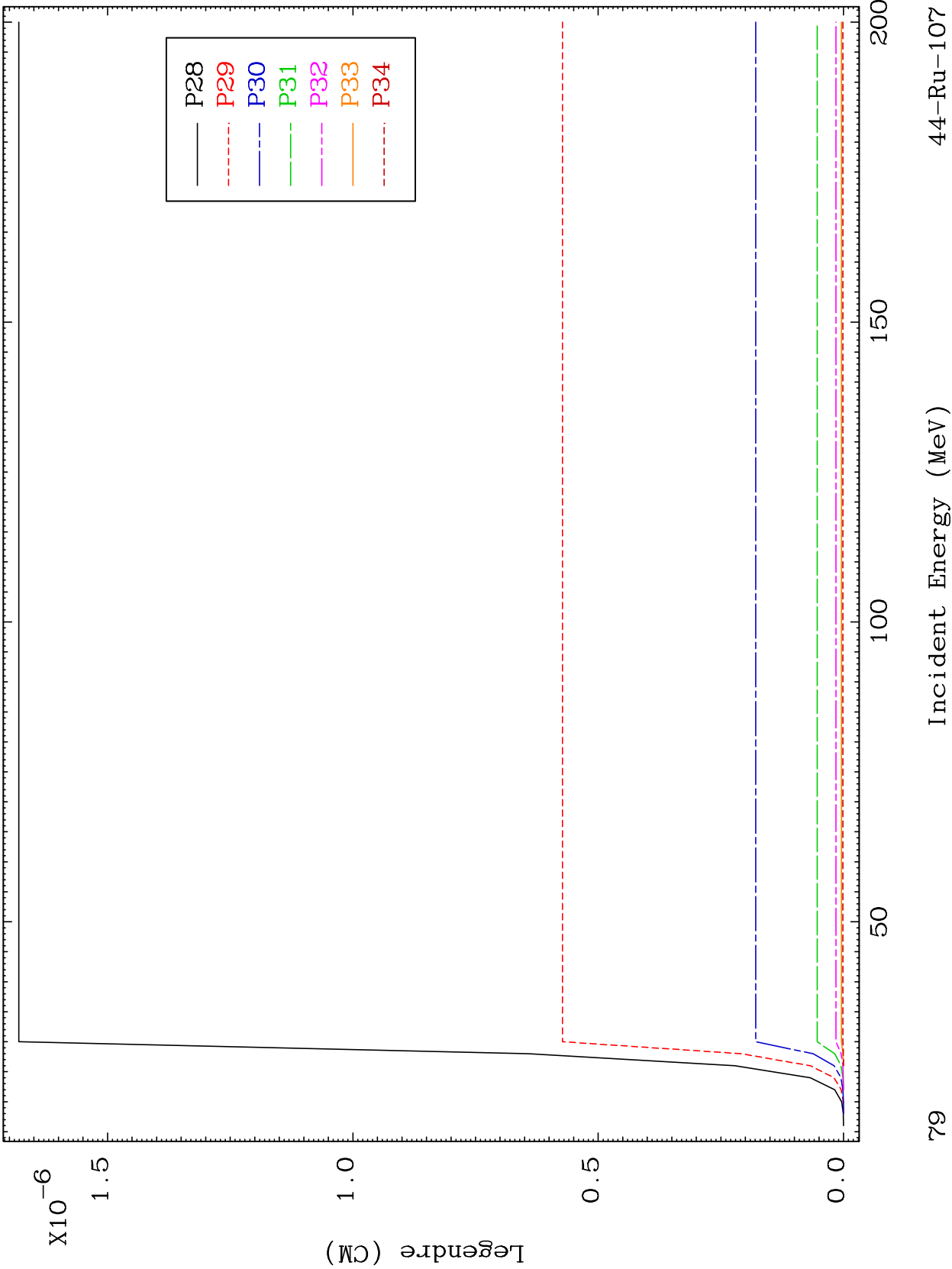
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



79

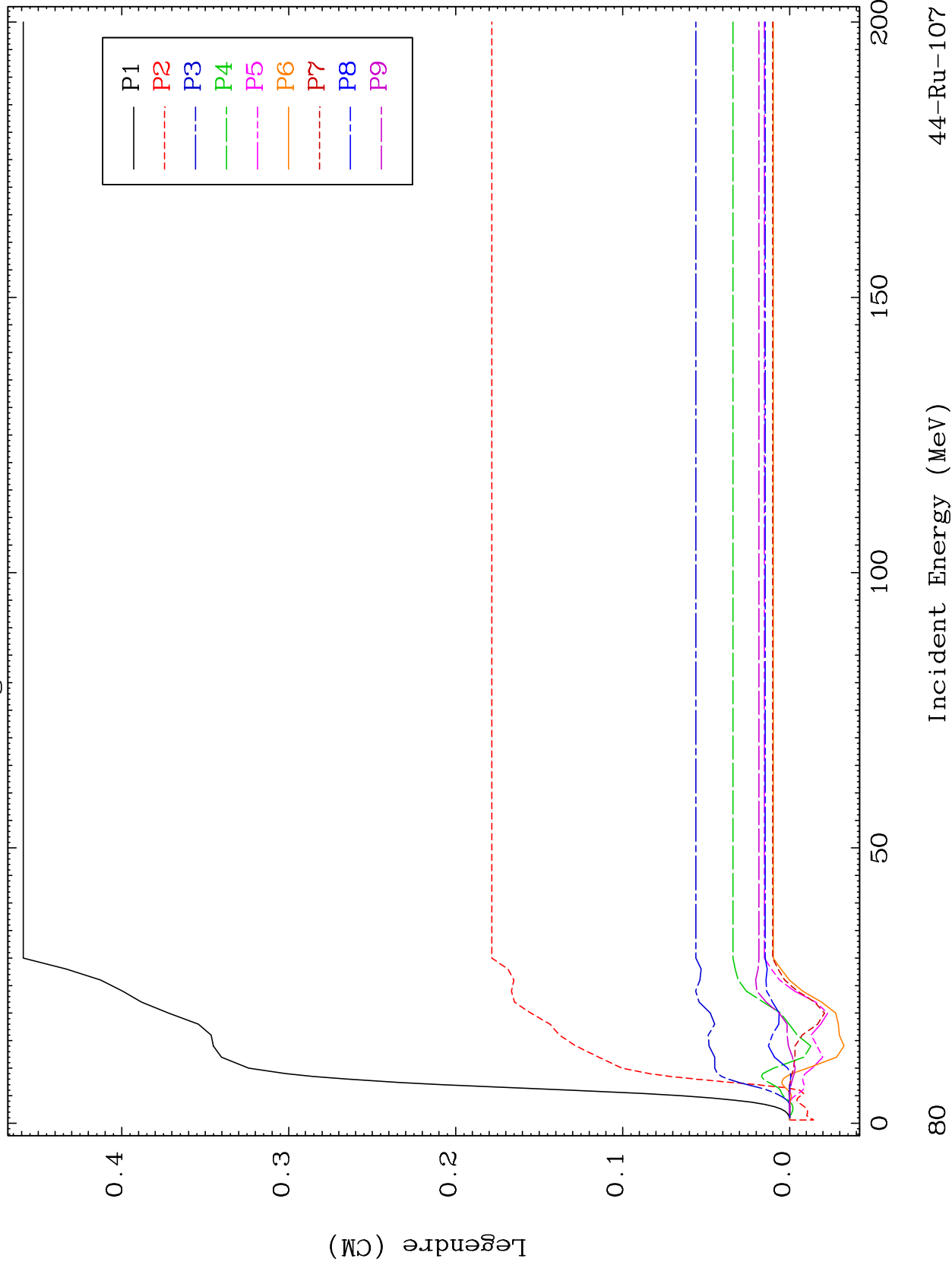
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



44-Ru-107

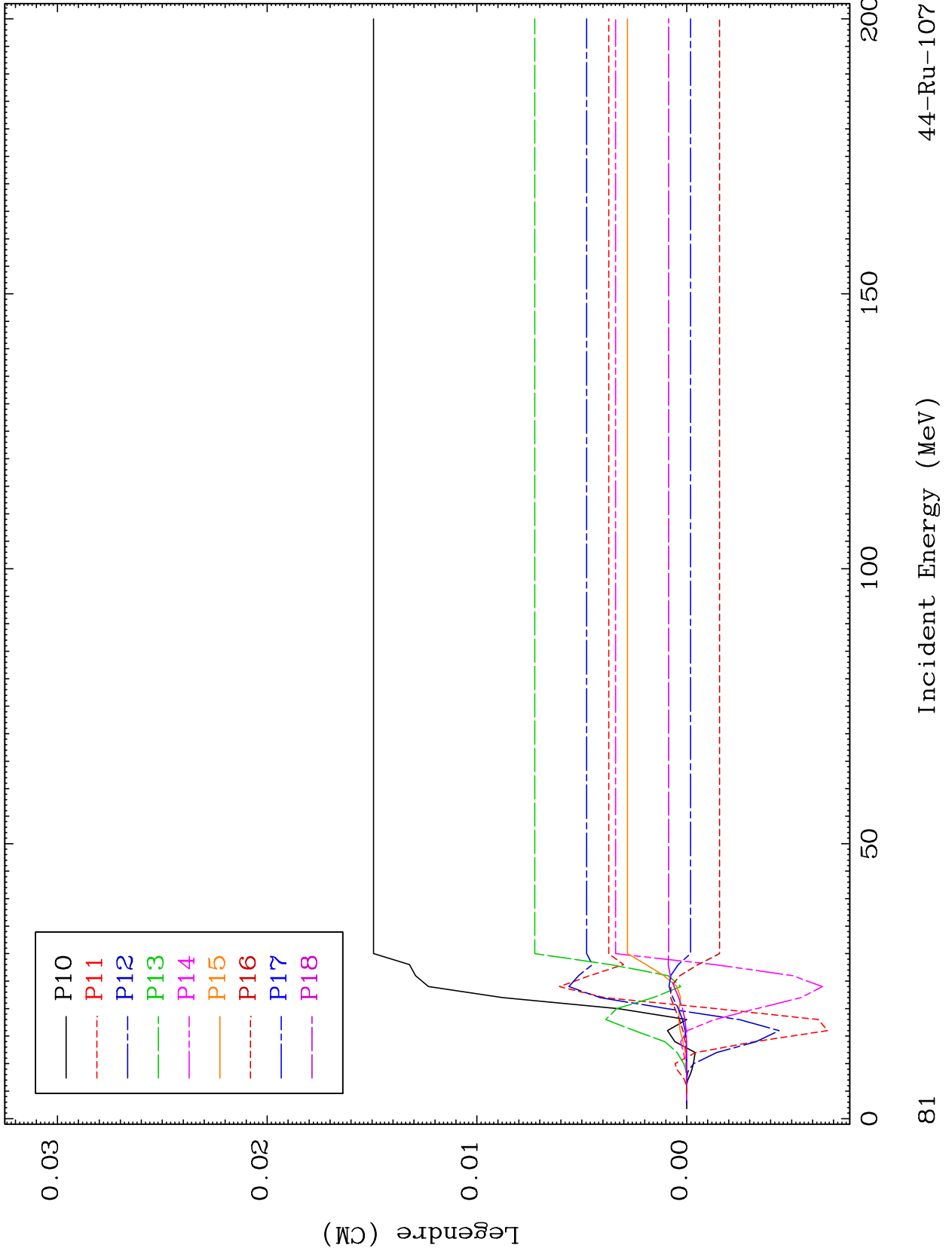
Incident Energy (MeV)

80

MAT 4458

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

44-Ru-107



81

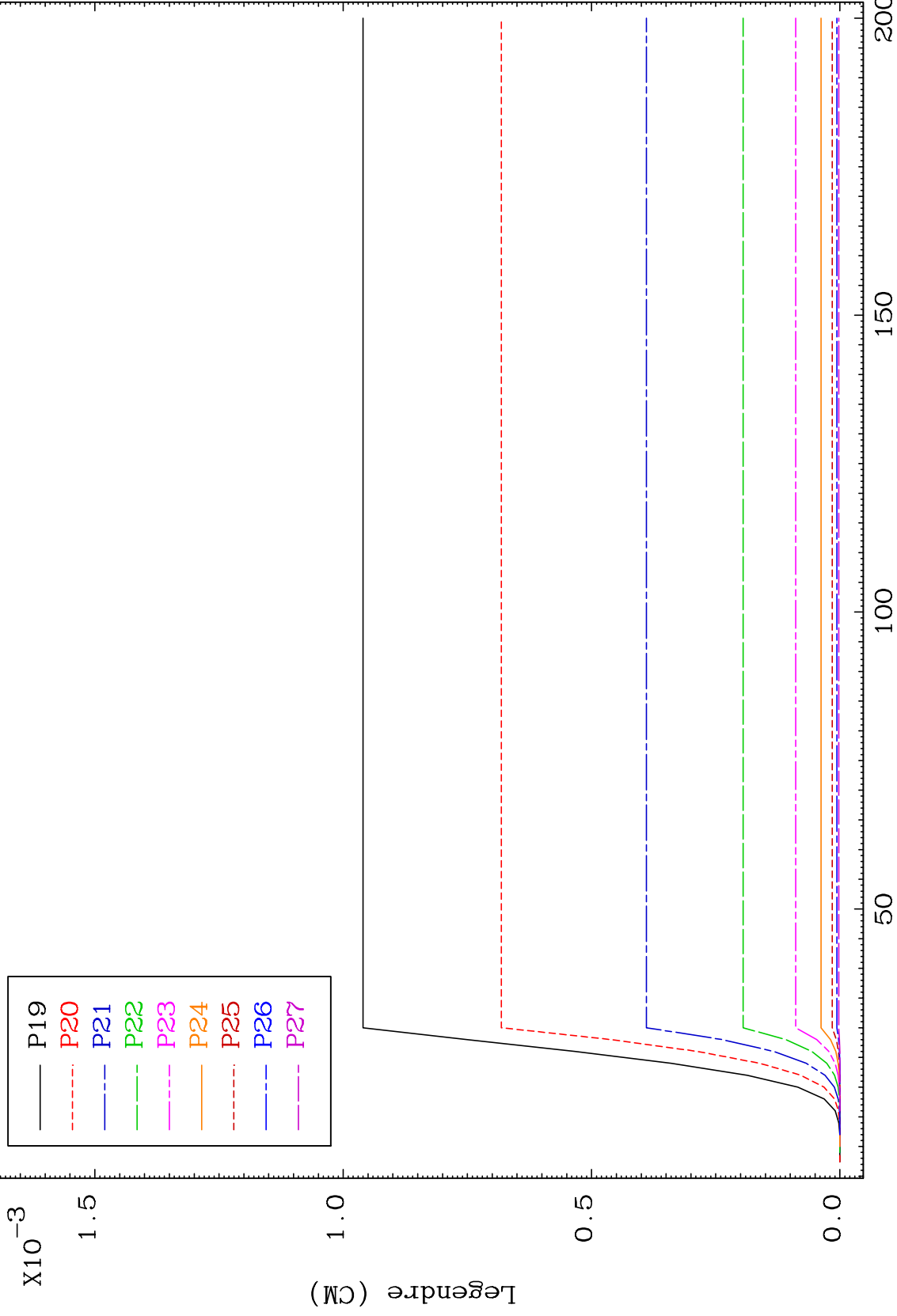
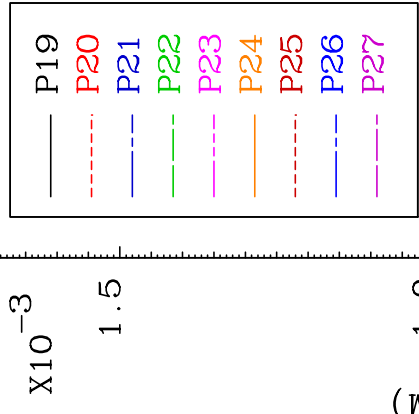
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



82

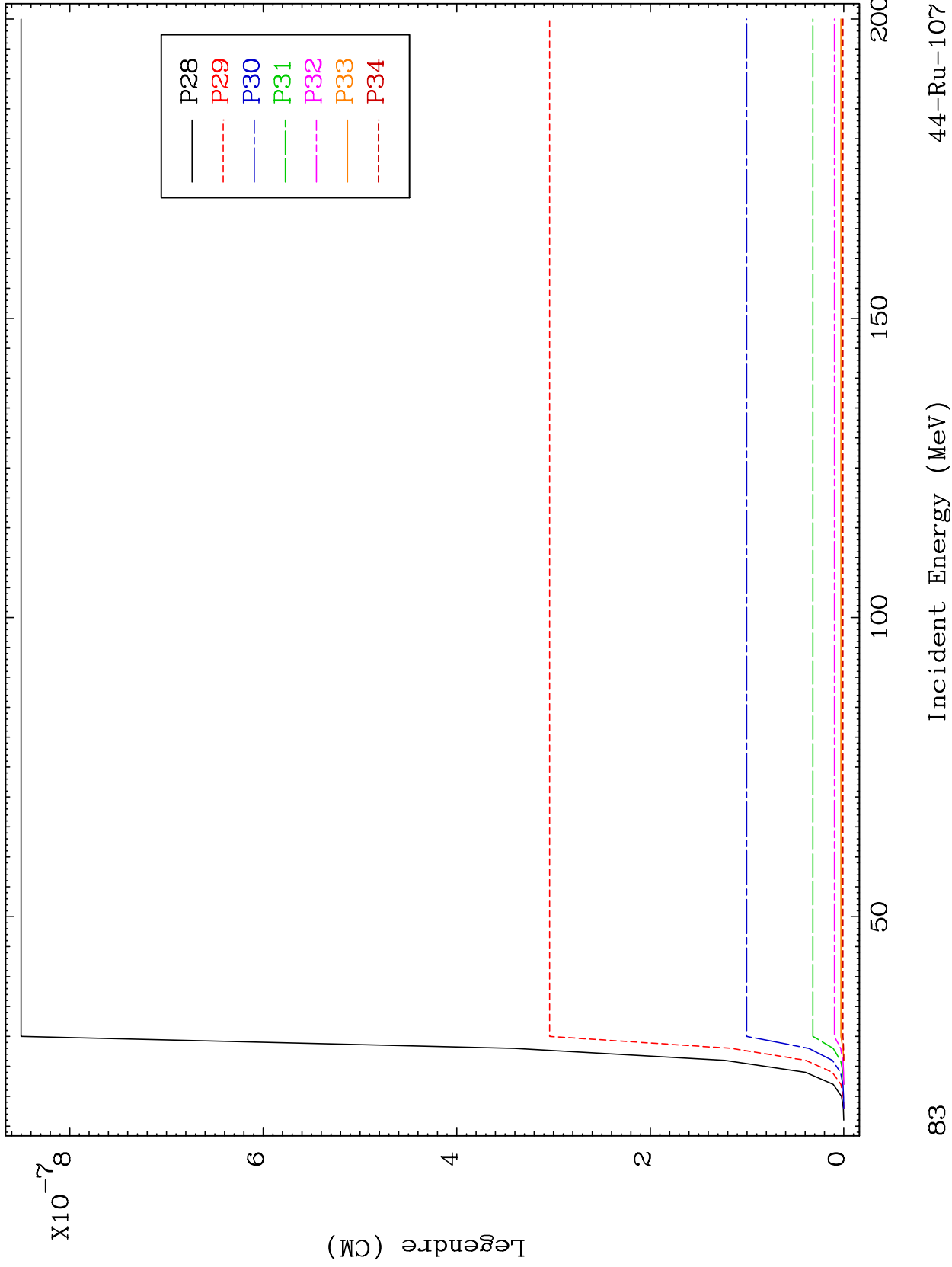
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

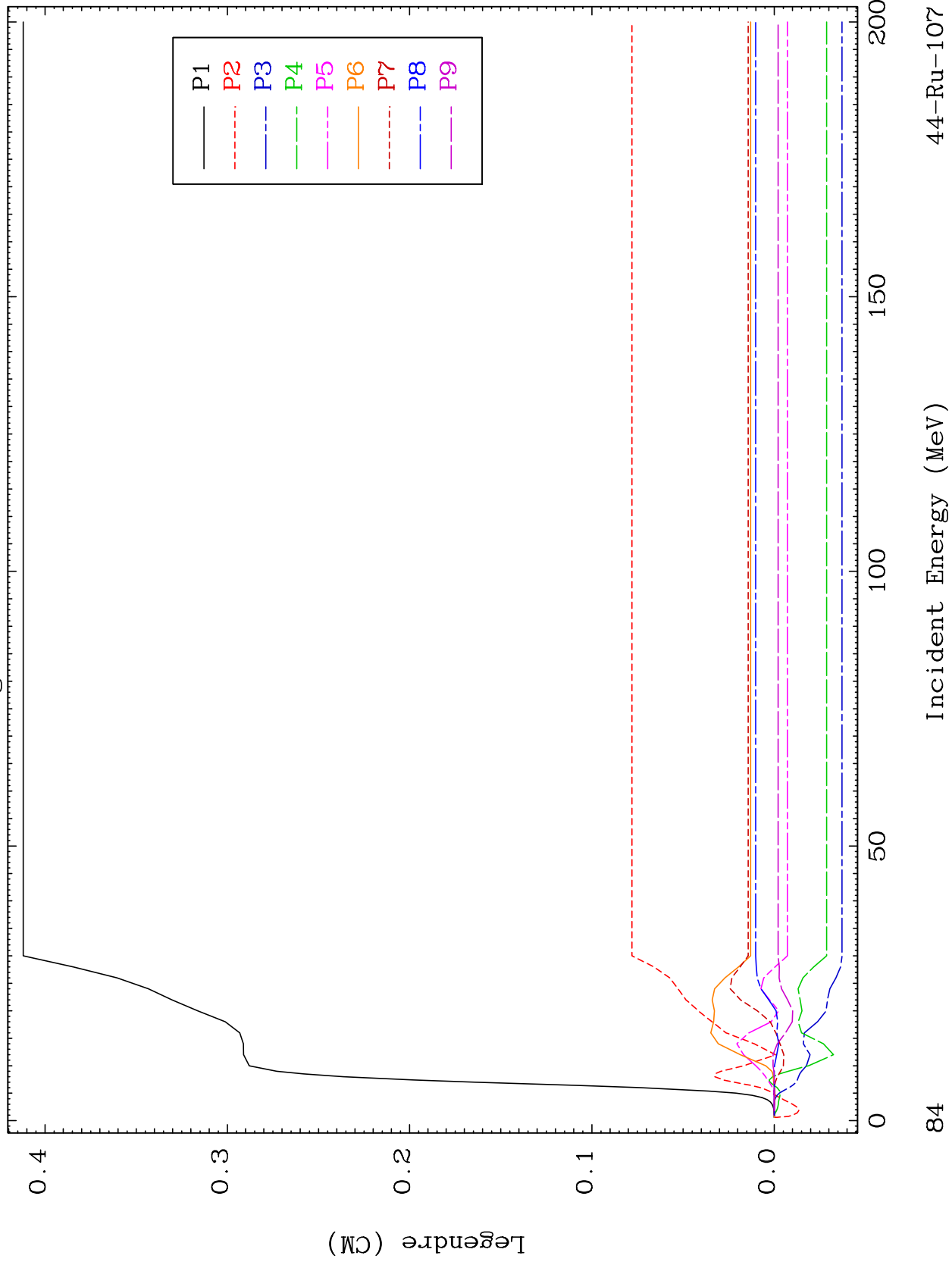
44-Ru-107



MAT 4458

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

44-Ru-107



84

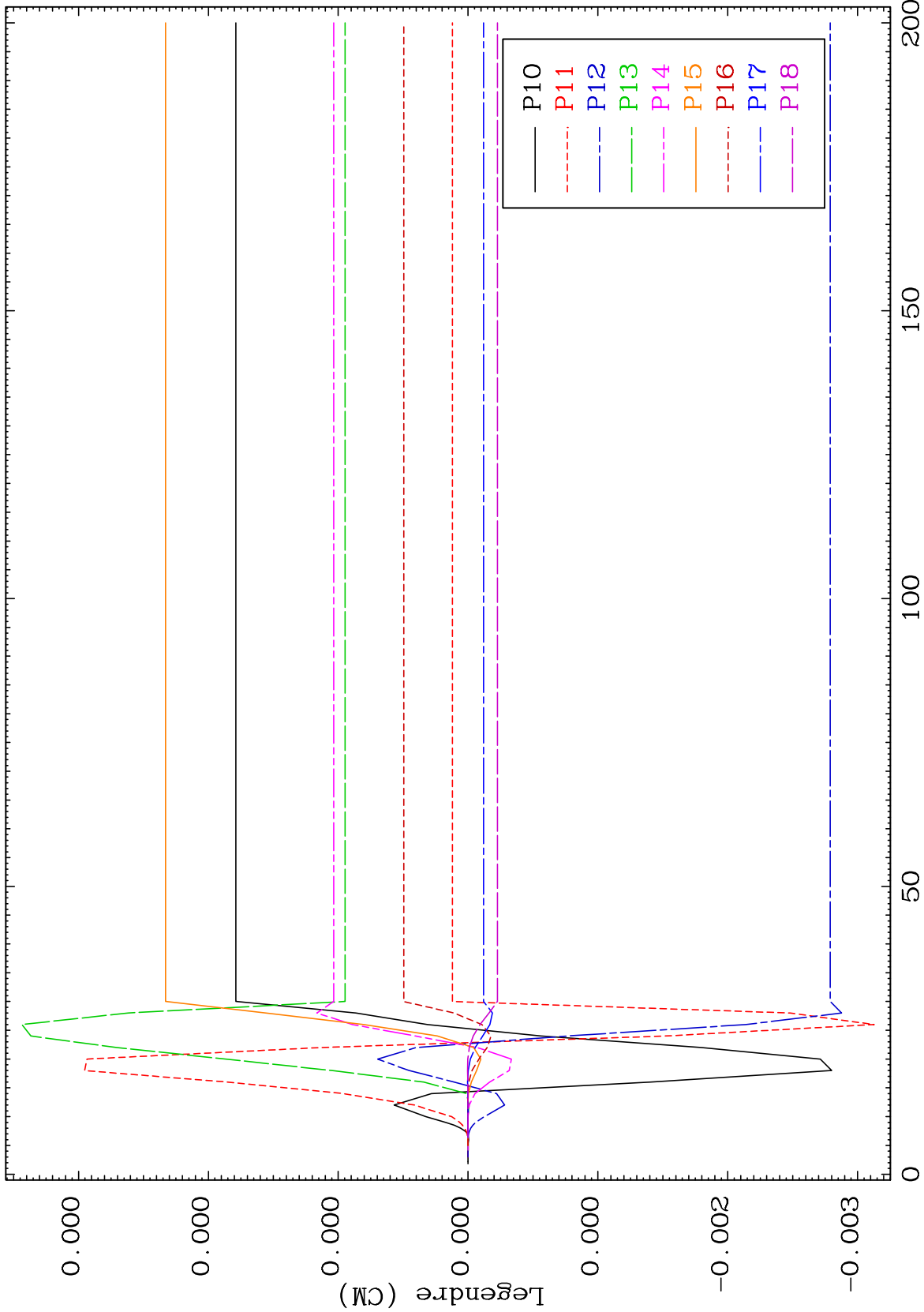
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



85

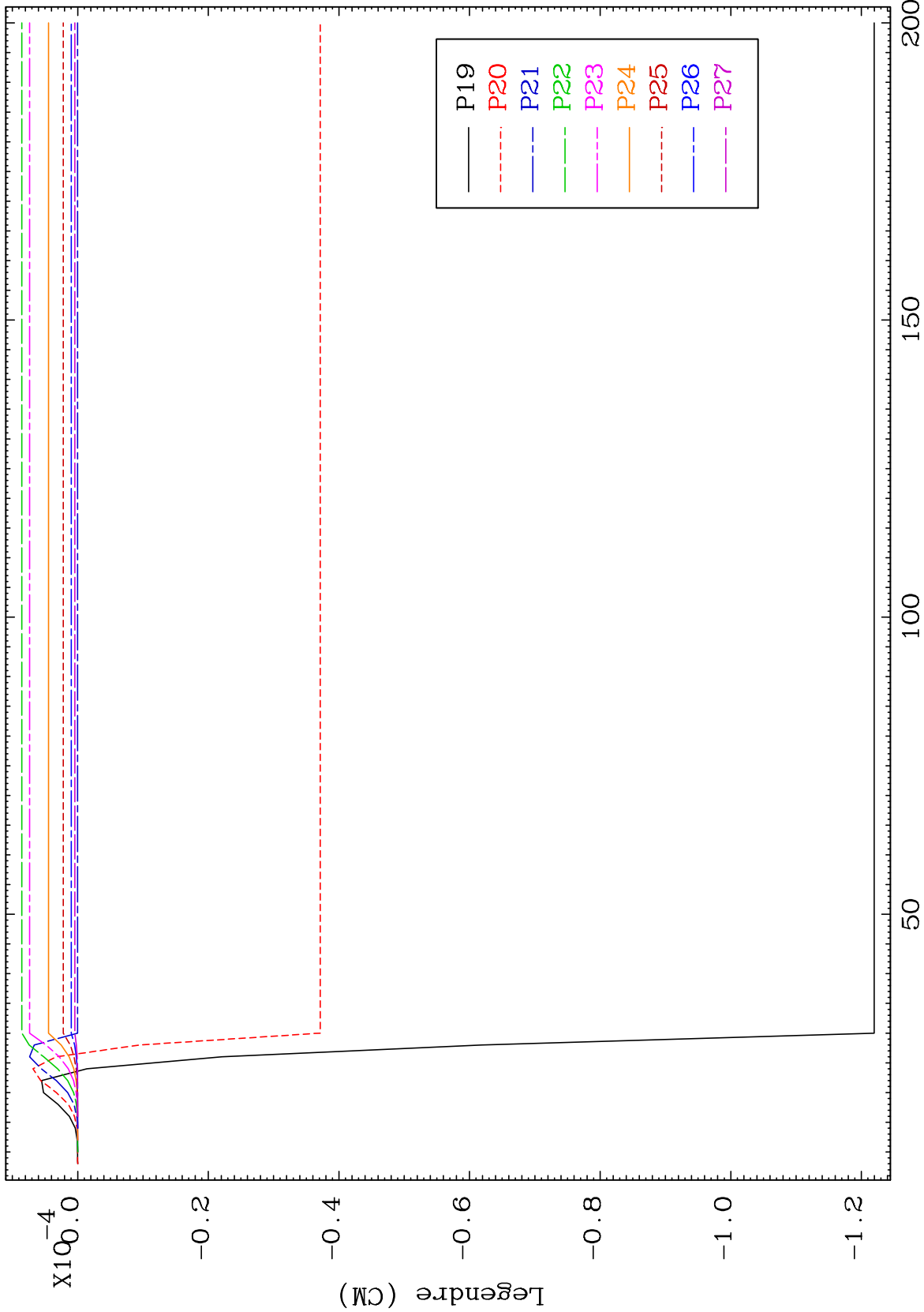
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



86

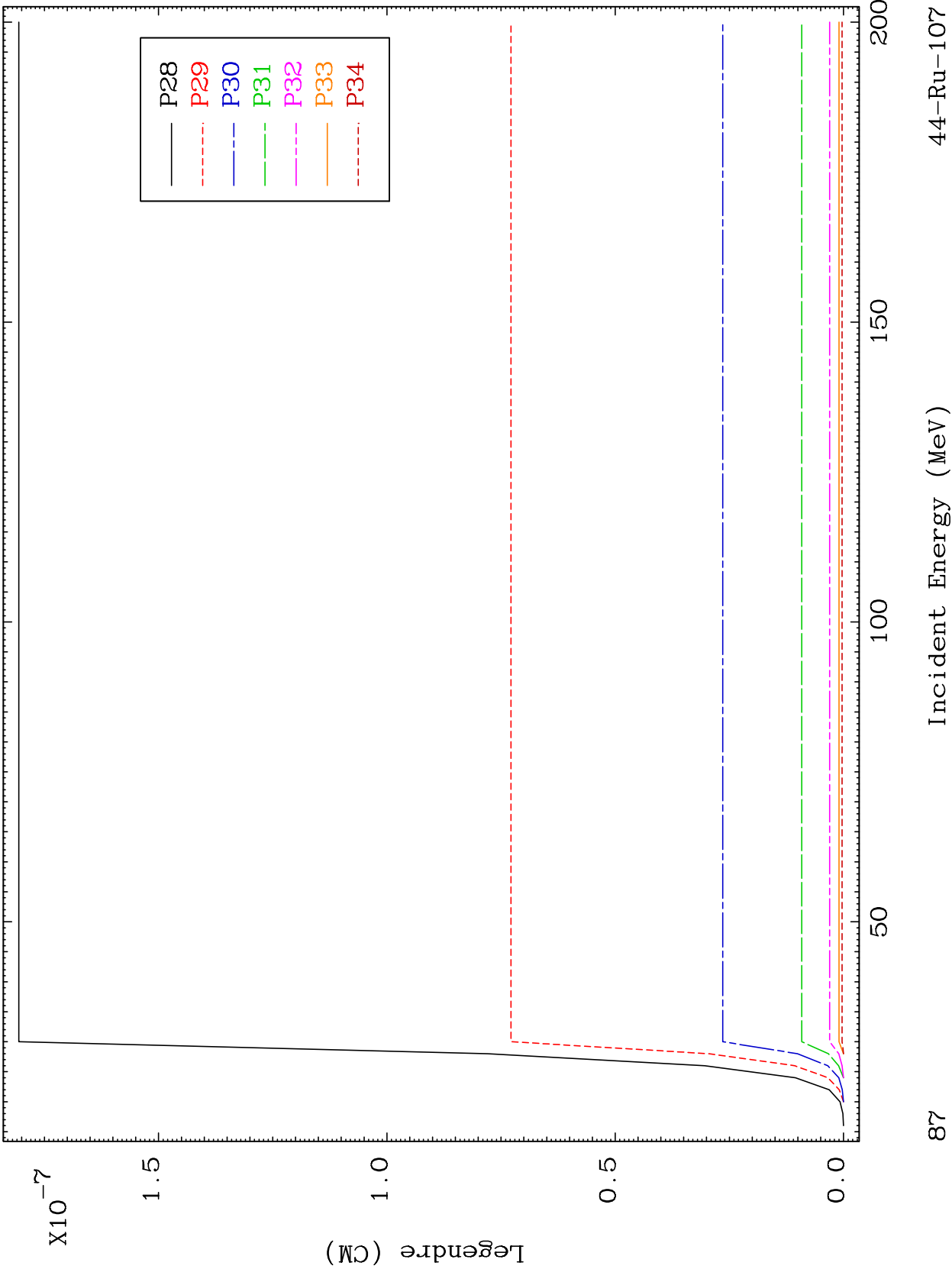
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

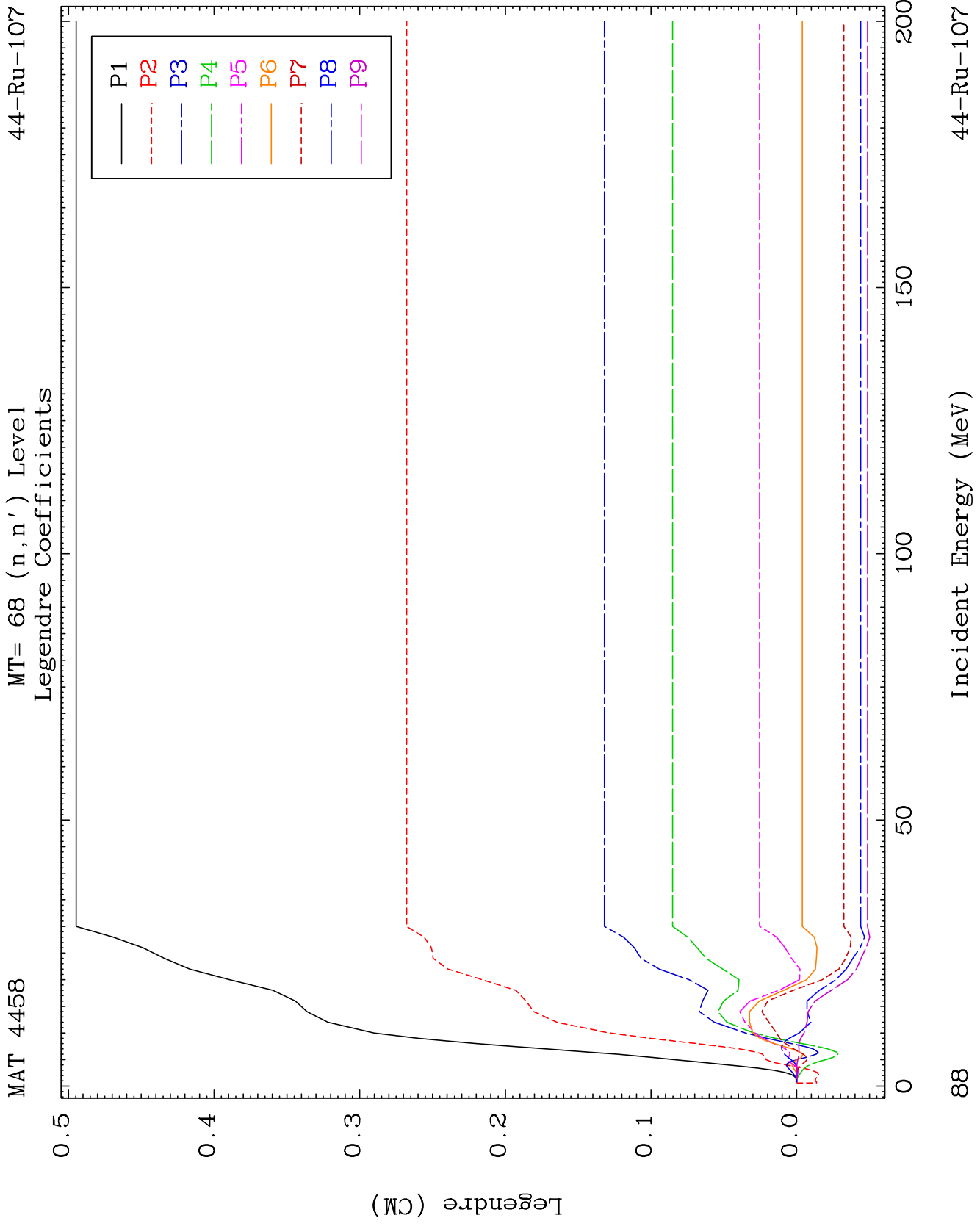
44-Ru-107



87

Incident Energy (MeV)

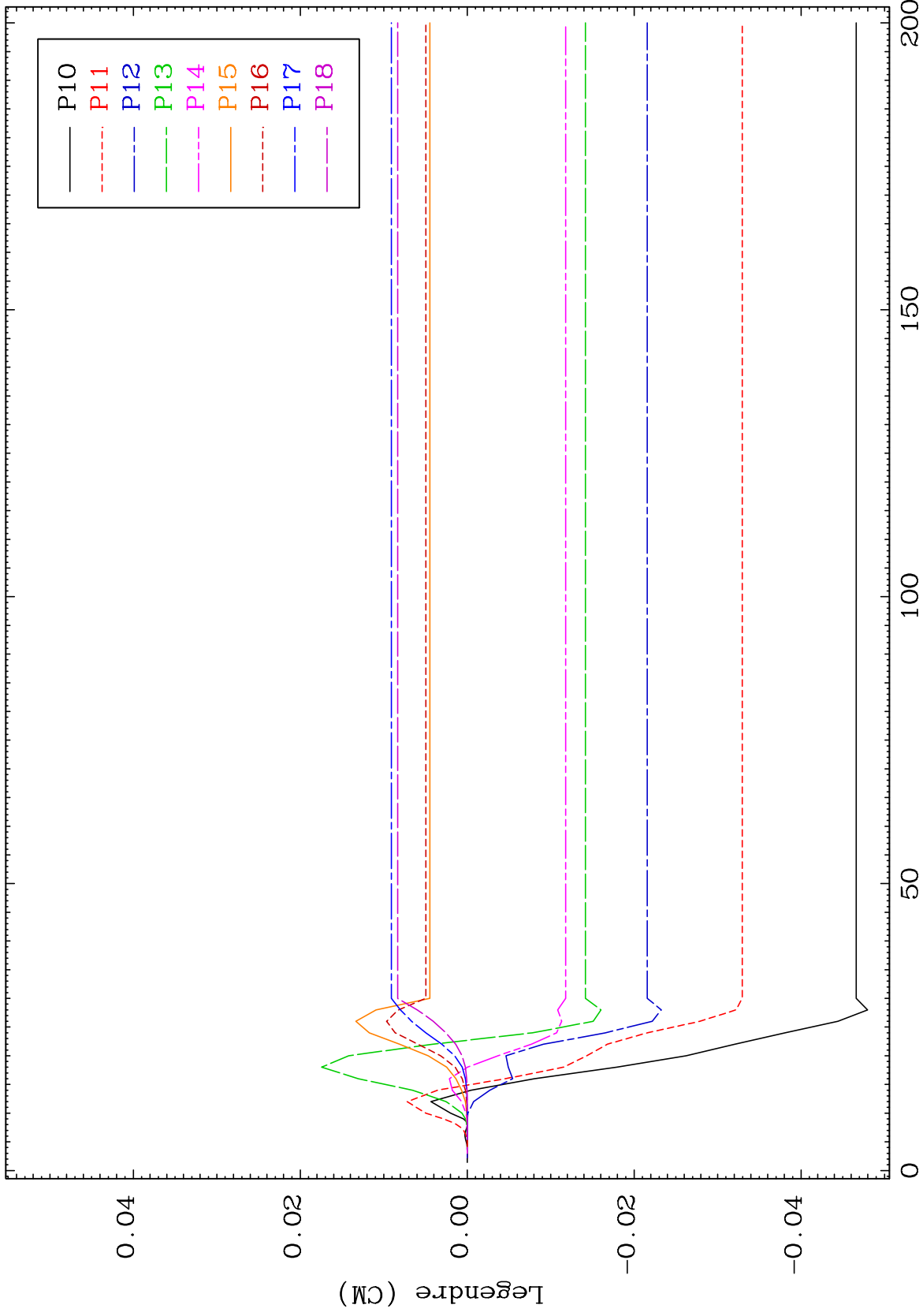
44-Ru-107



MAT 4458

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

44-Ru-107



89

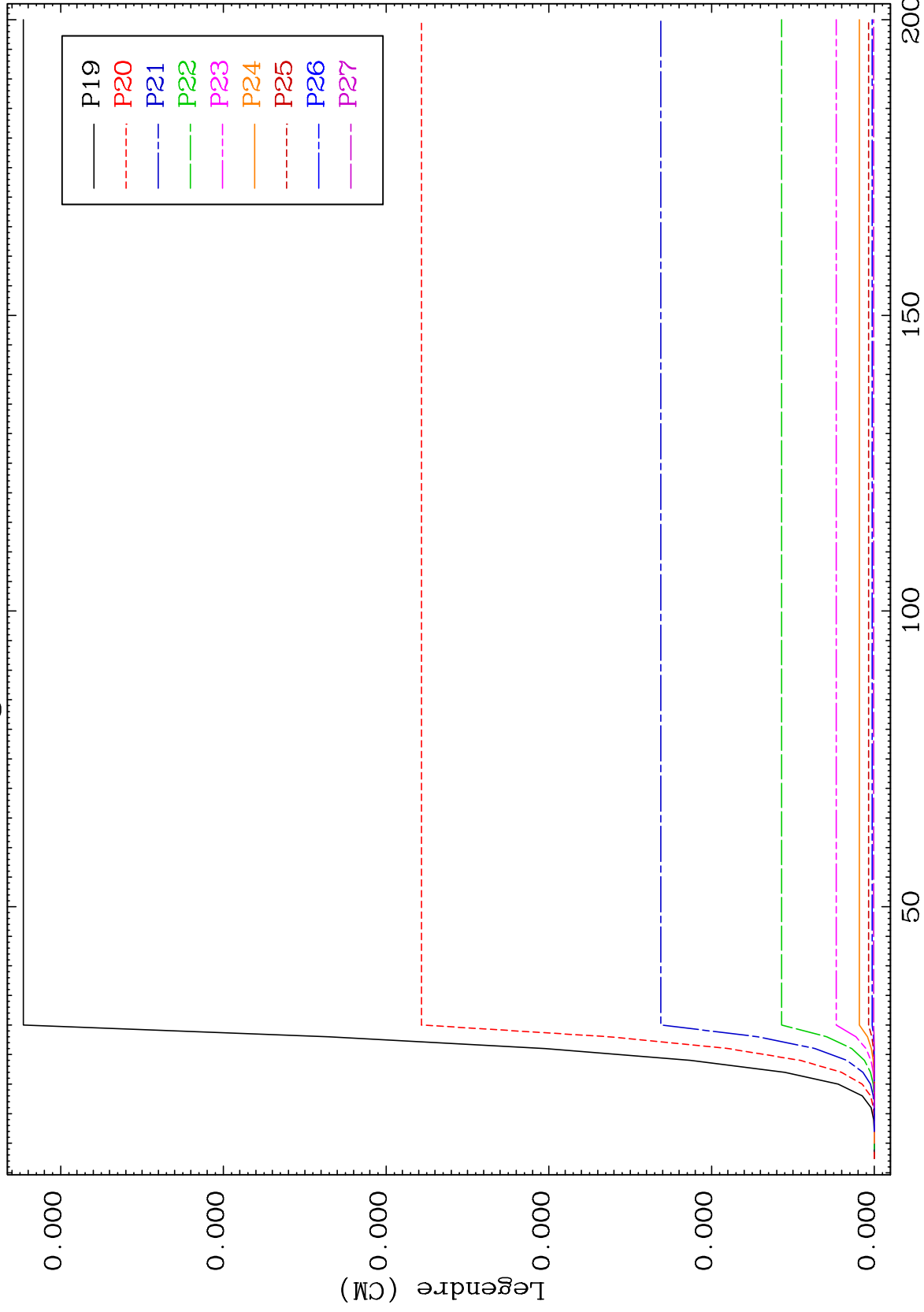
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



90

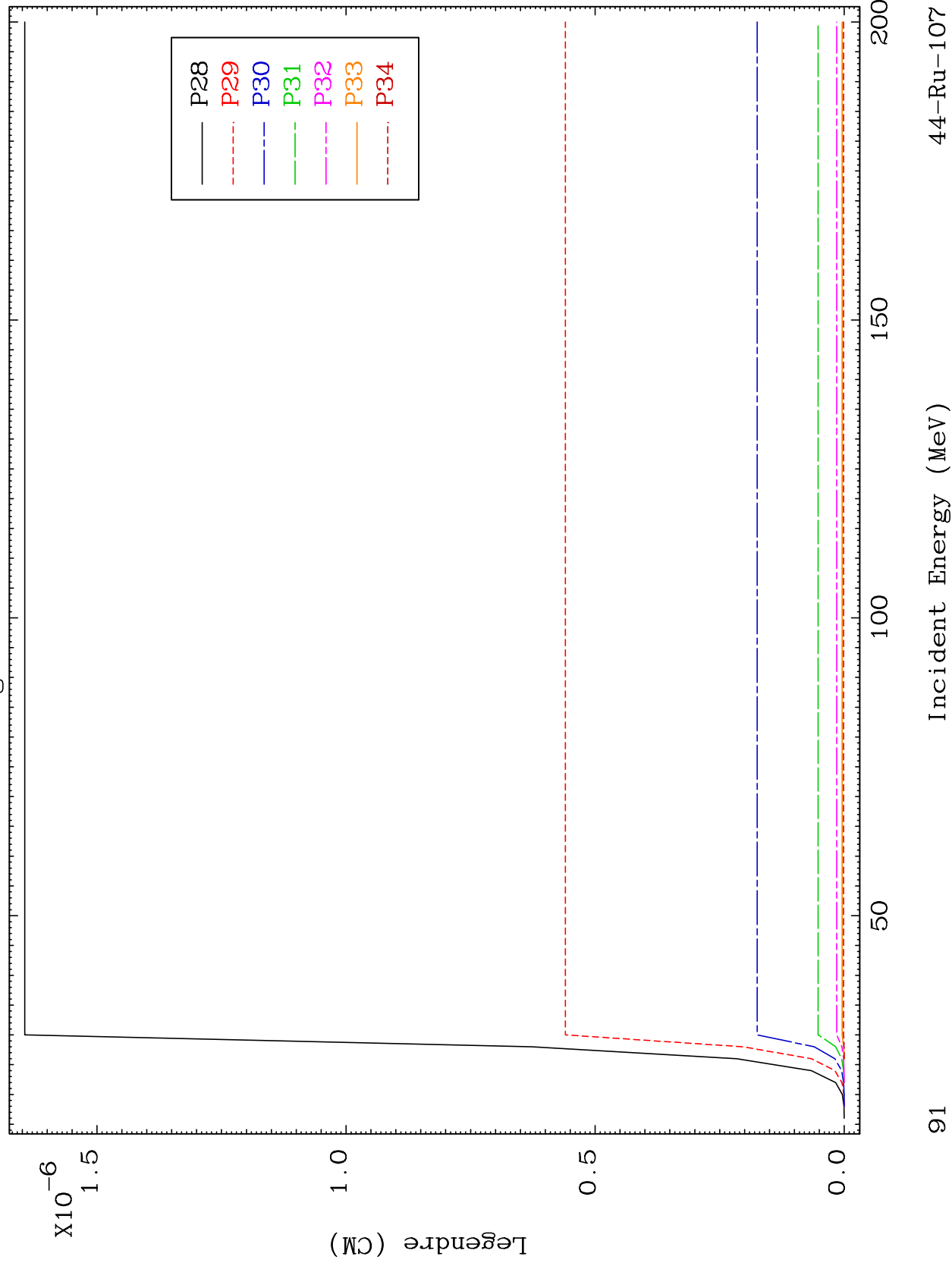
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

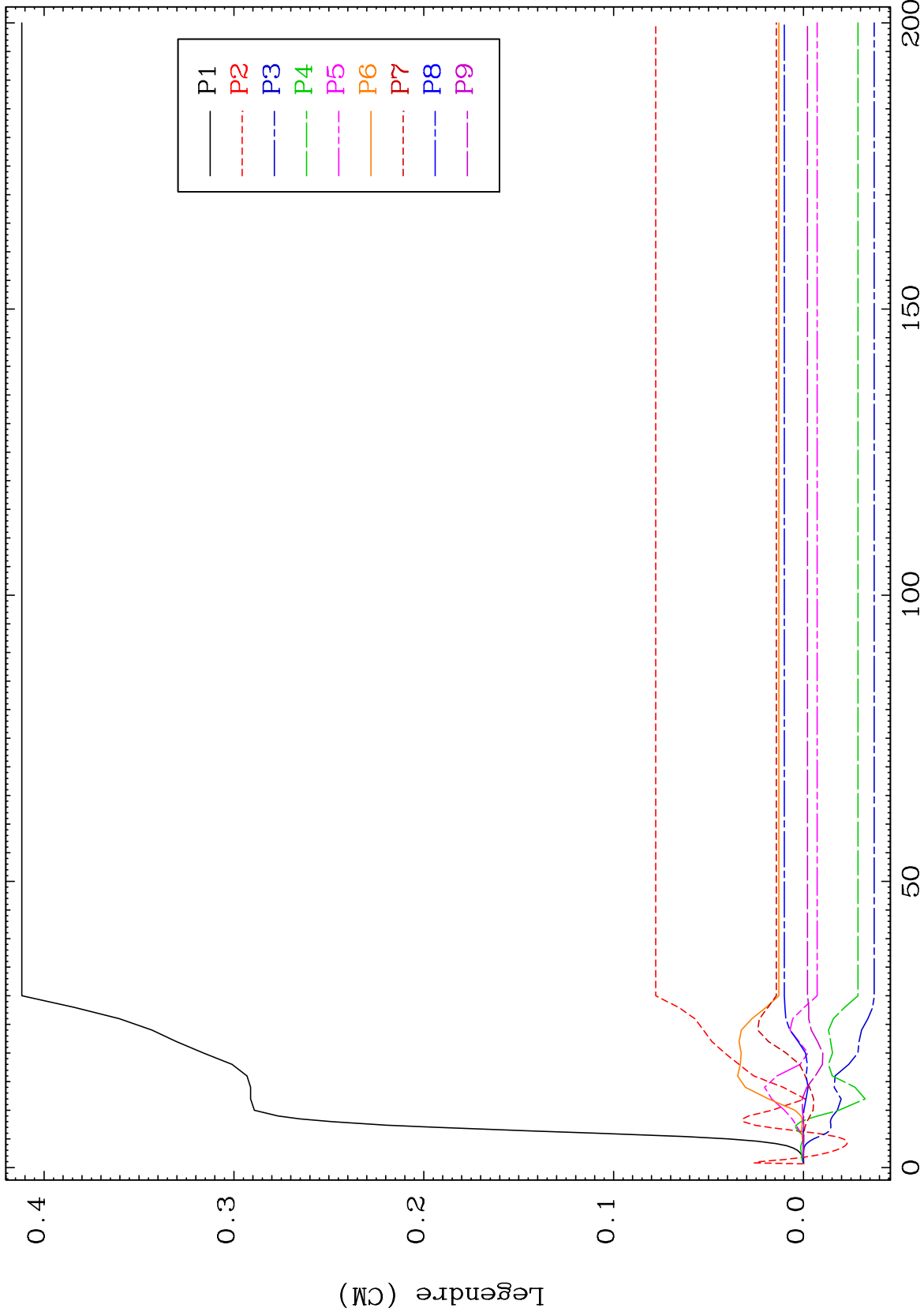
44-Ru-107



MAT 4458

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

44-Ru-107



92

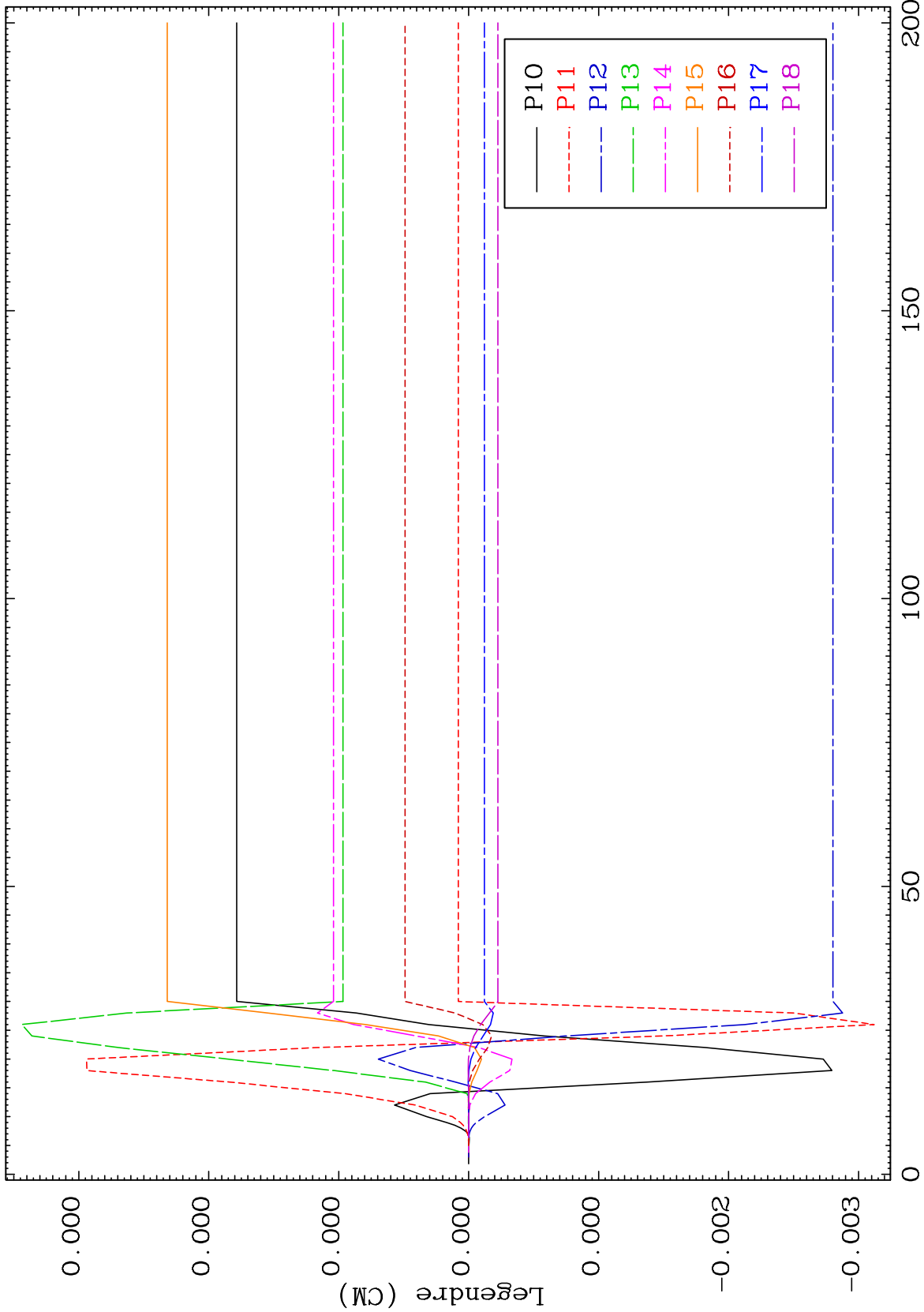
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



93

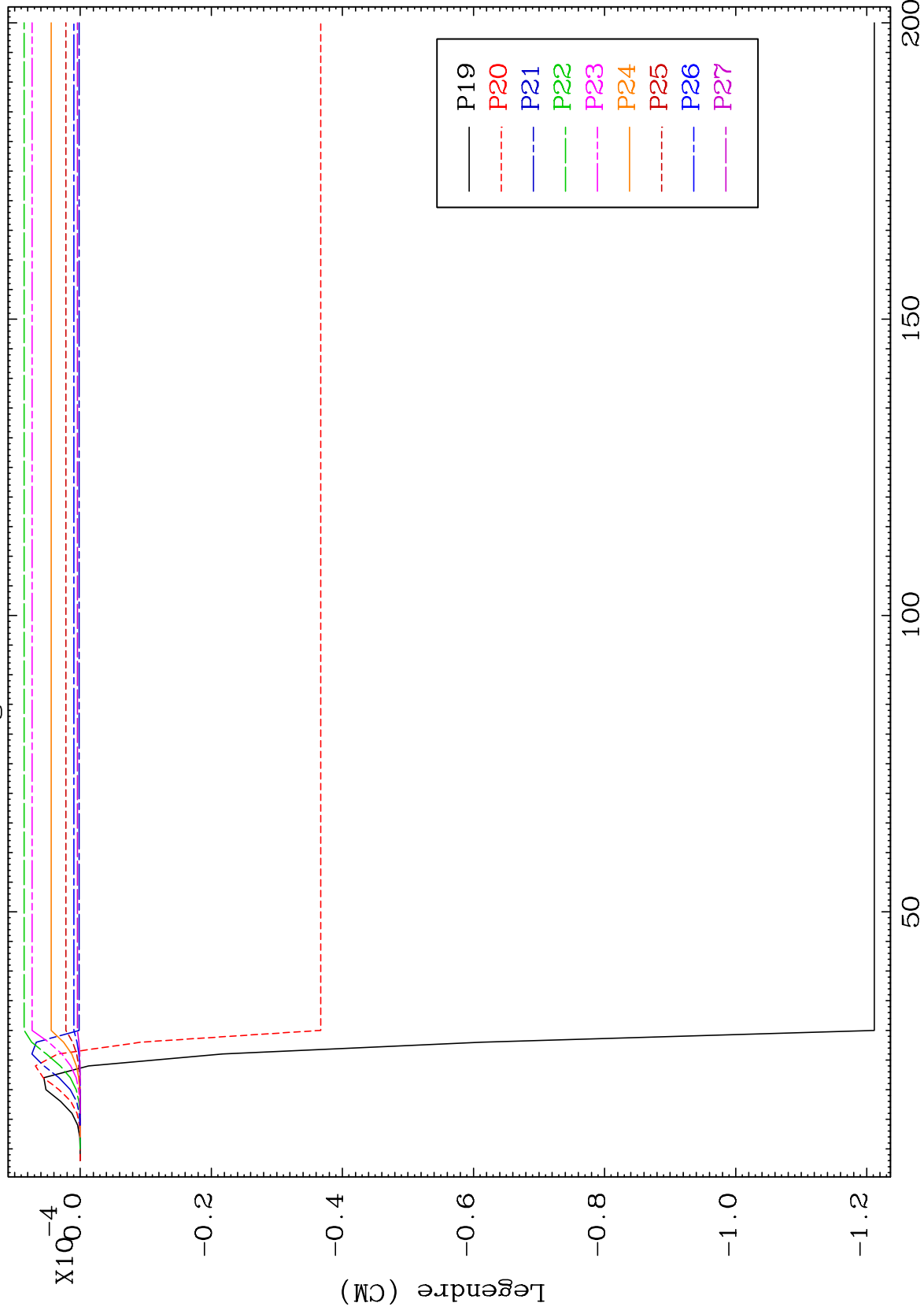
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



94

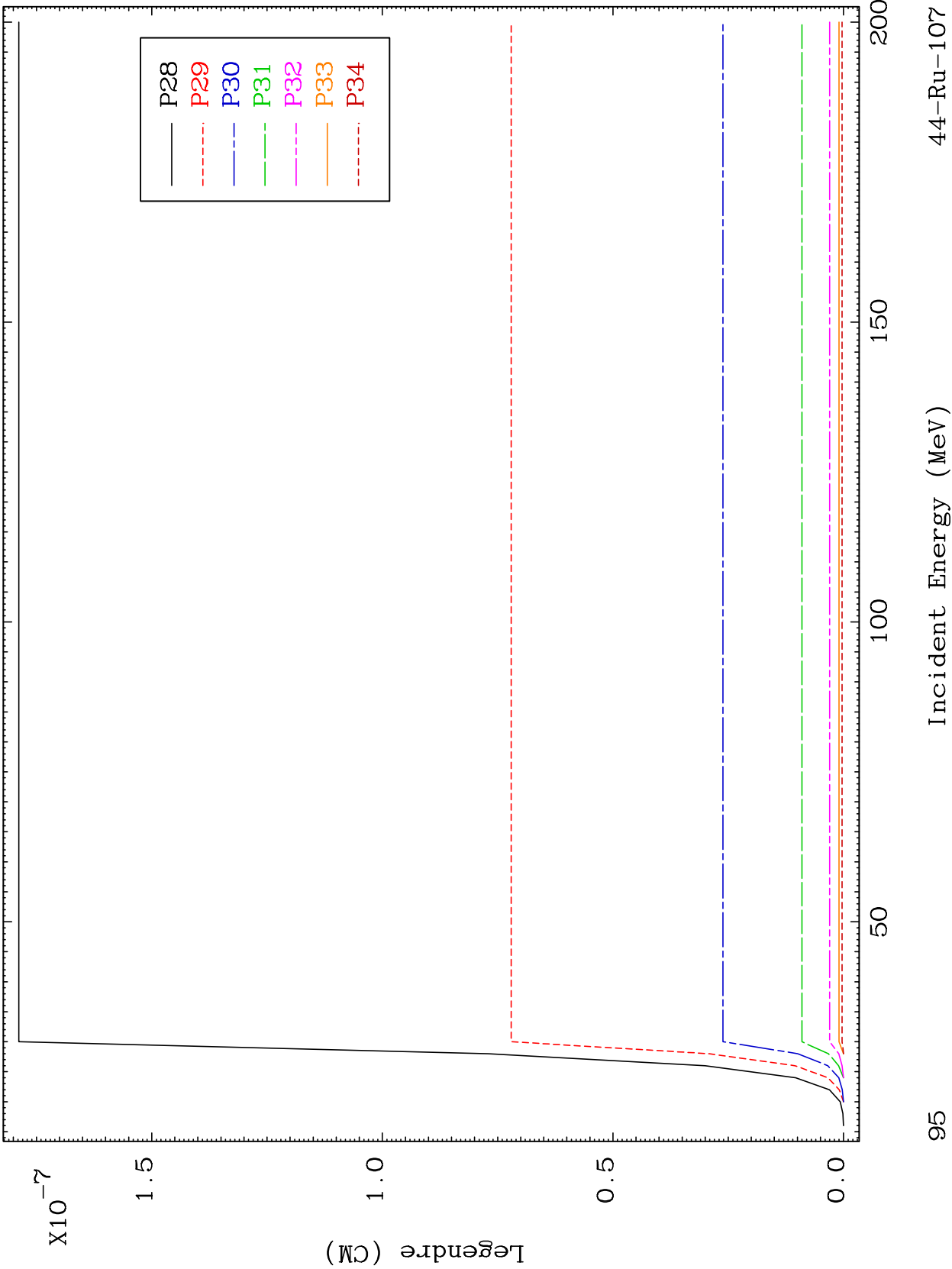
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

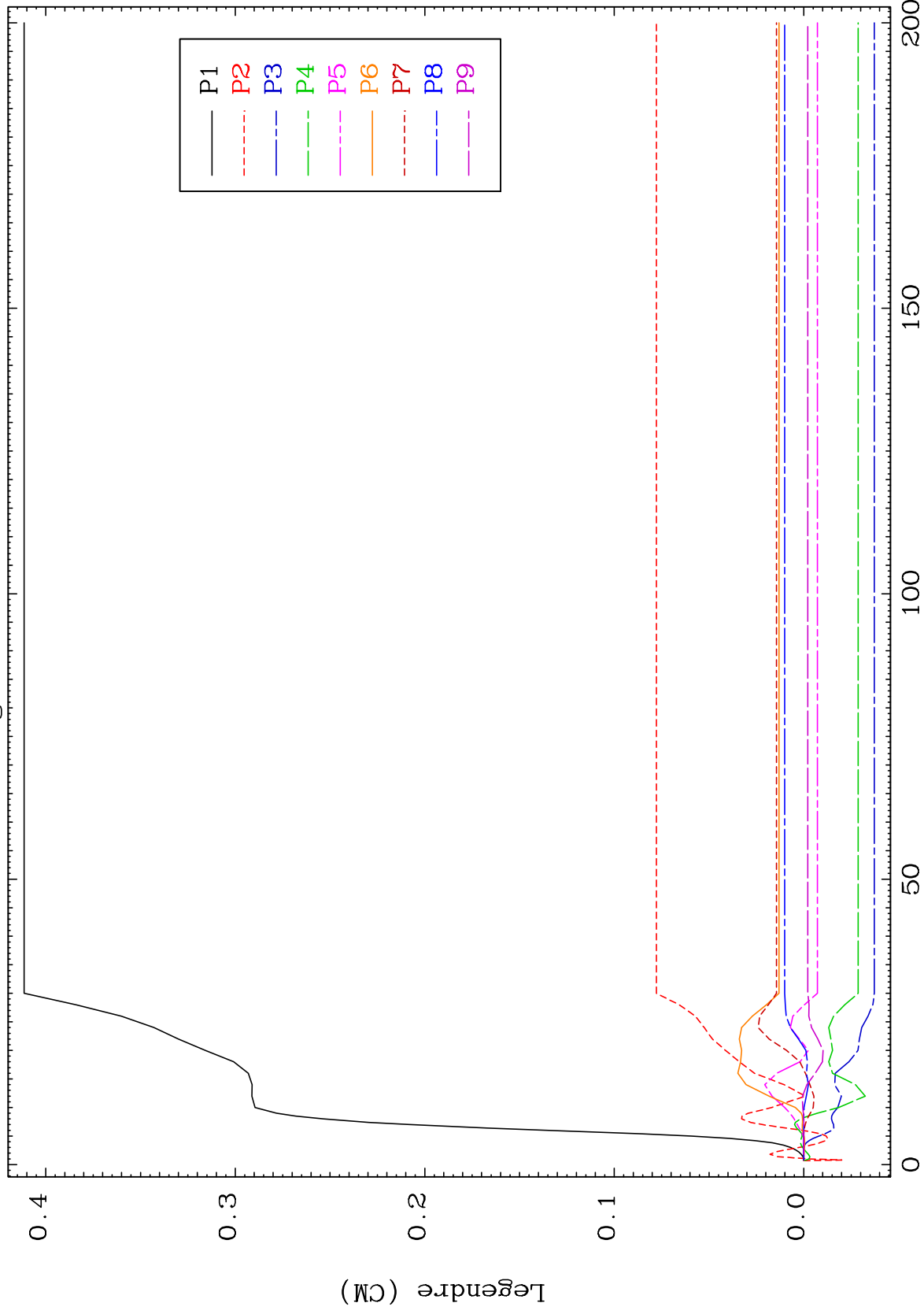
44-Ru-107



MAT 4458

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

44-Ru-107



96

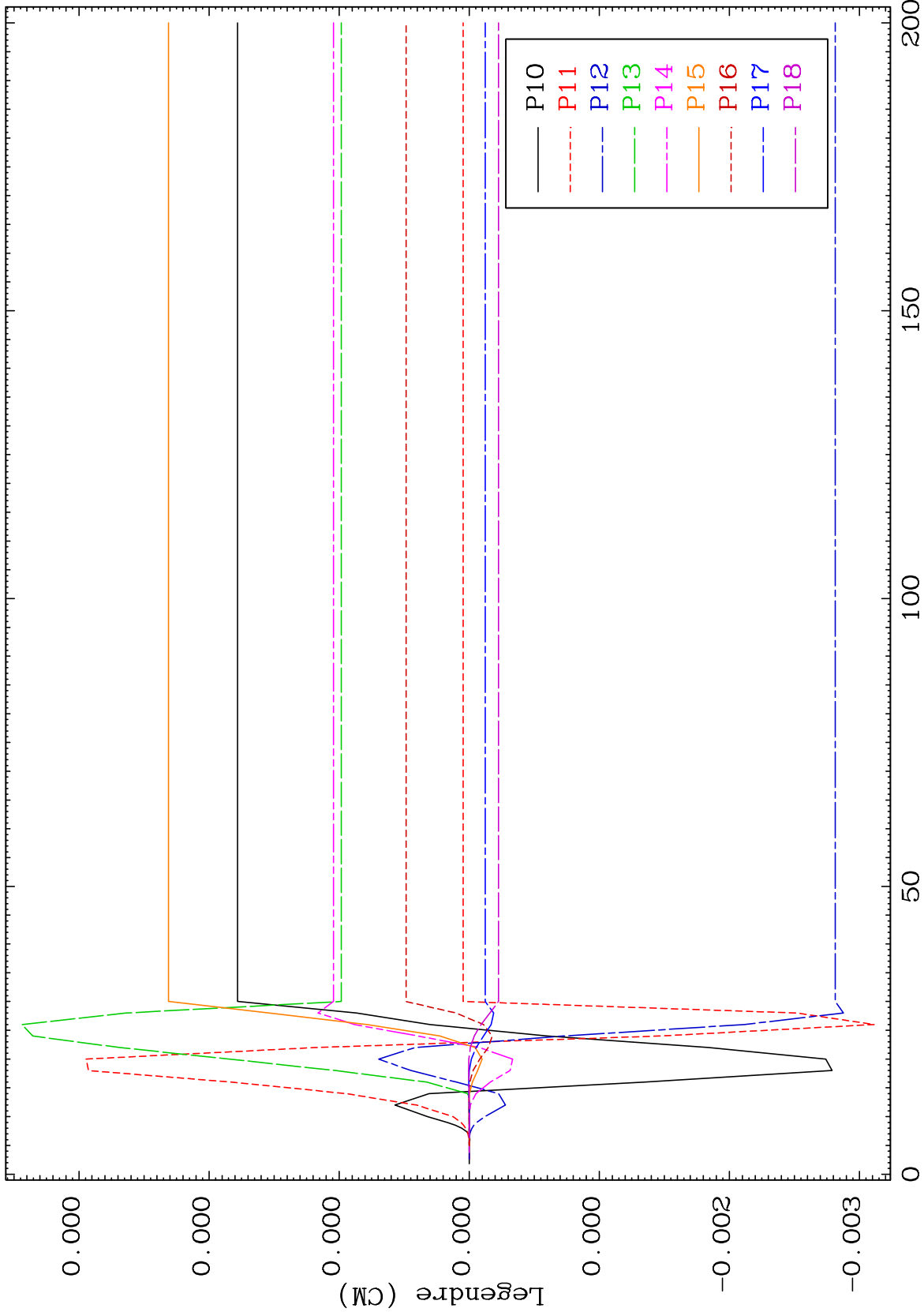
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



97

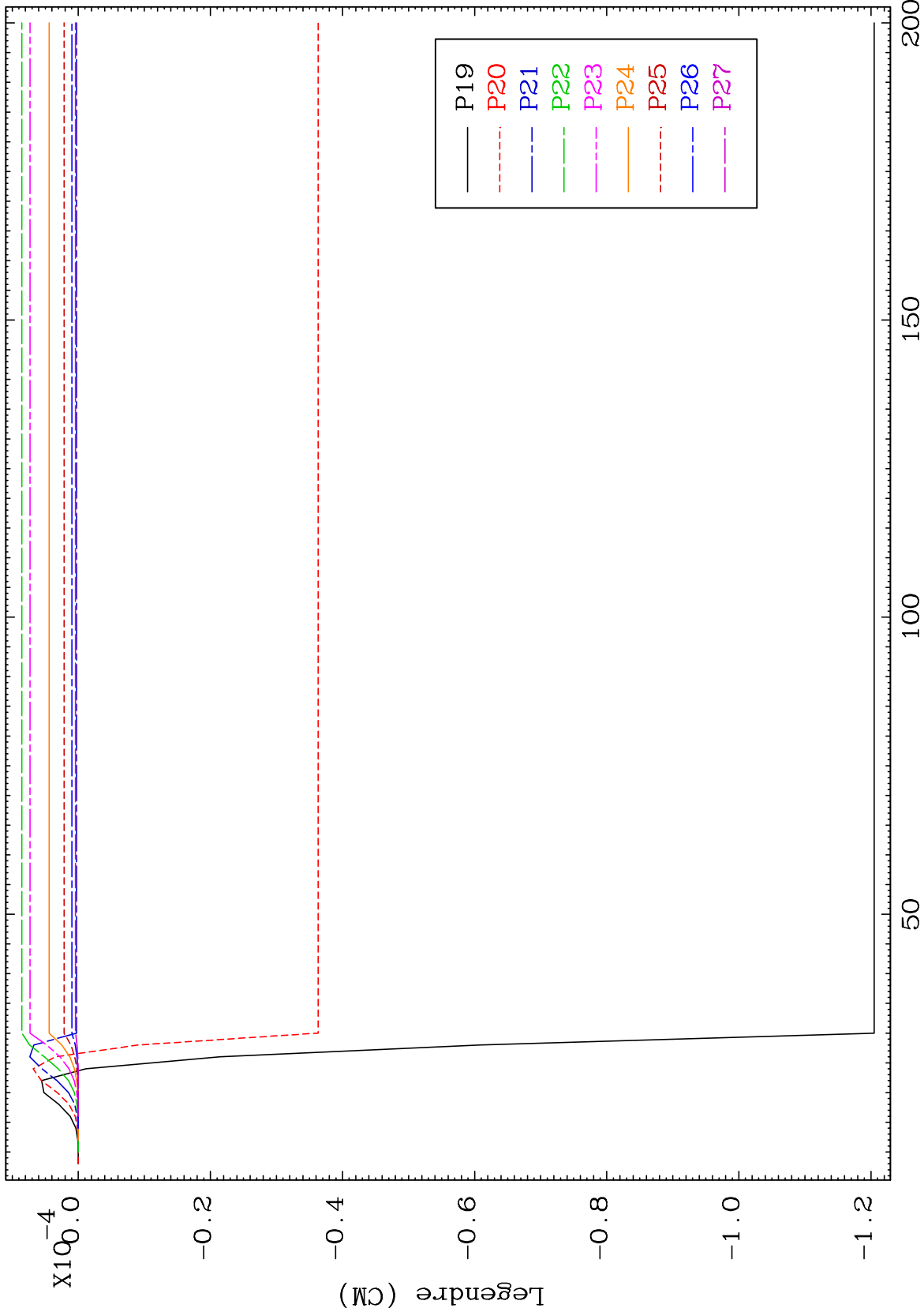
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

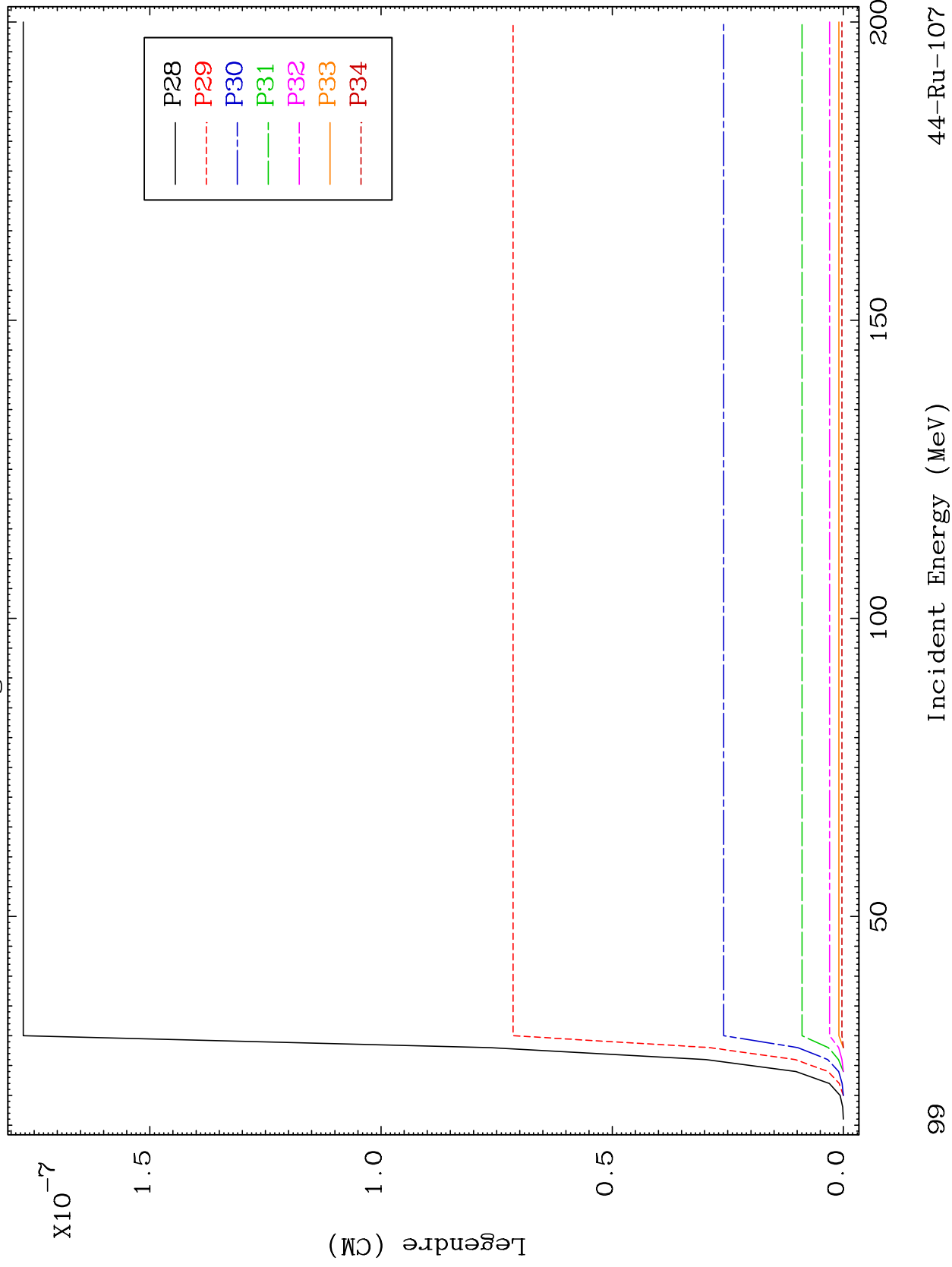
44-Ru-107



MAT 4458

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

44-Ru-107

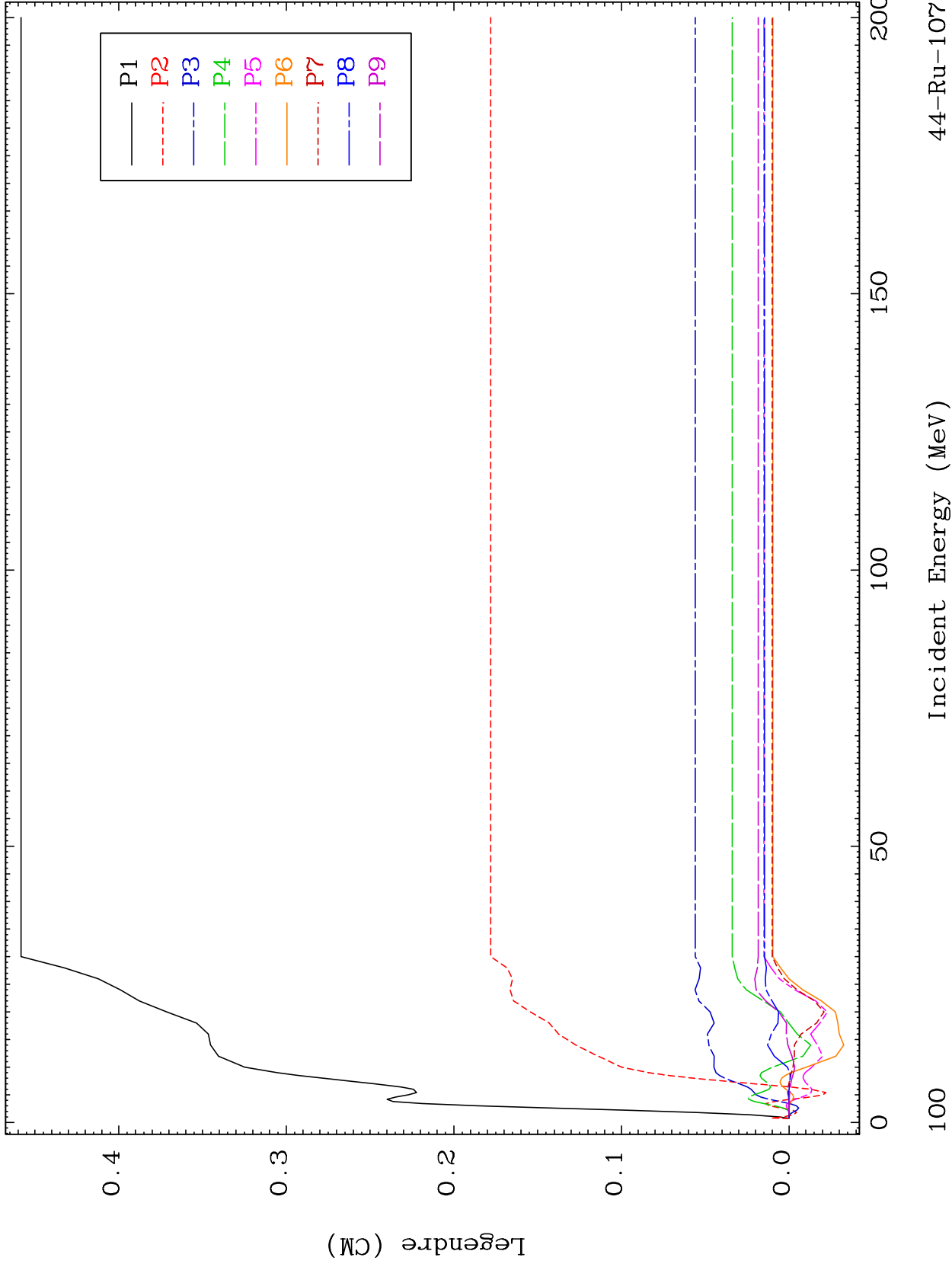


99

MAT 4458

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

44-Ru-107

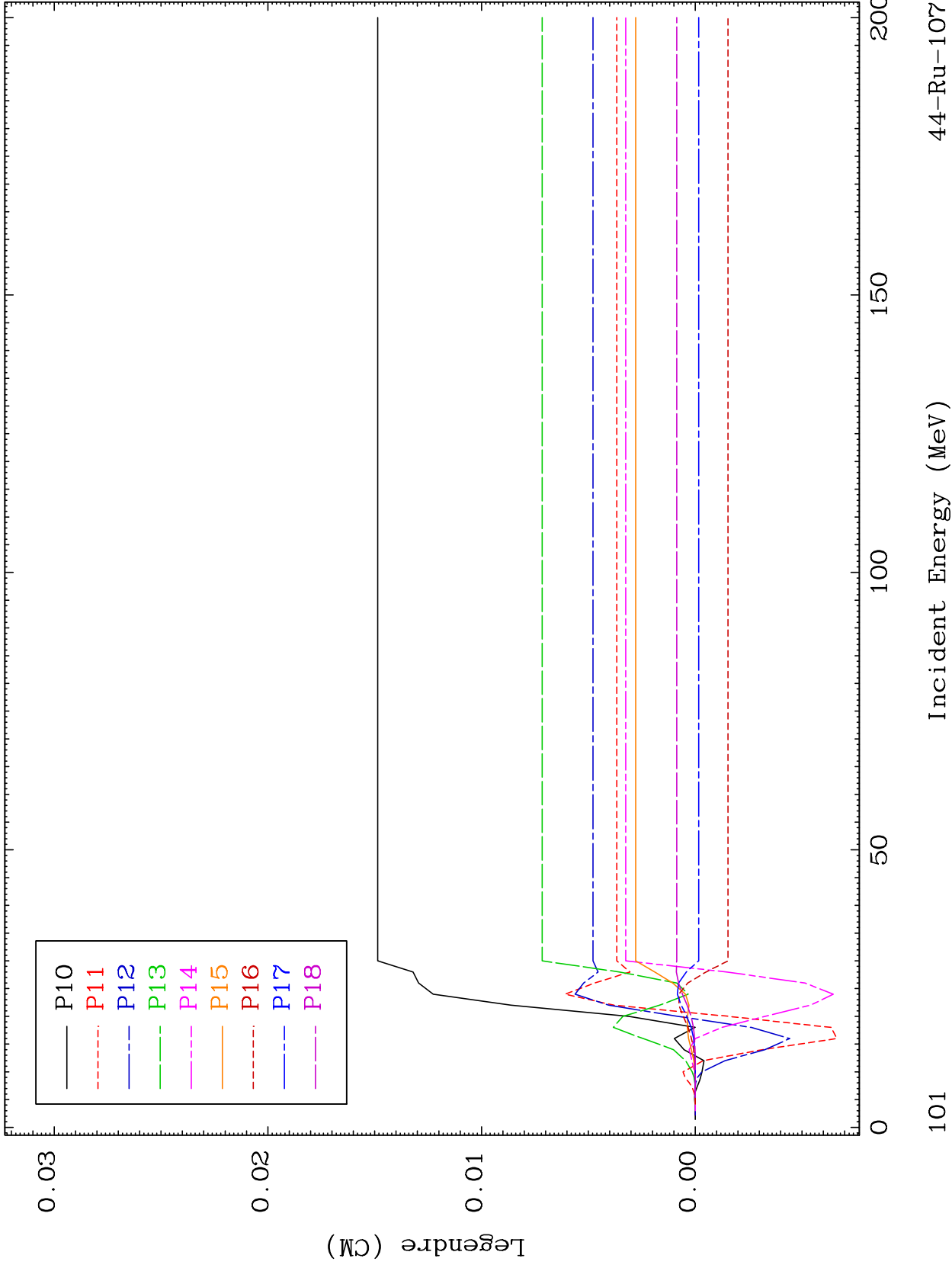


44-Ru-107

MAT 4458

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

44-Ru-107



101

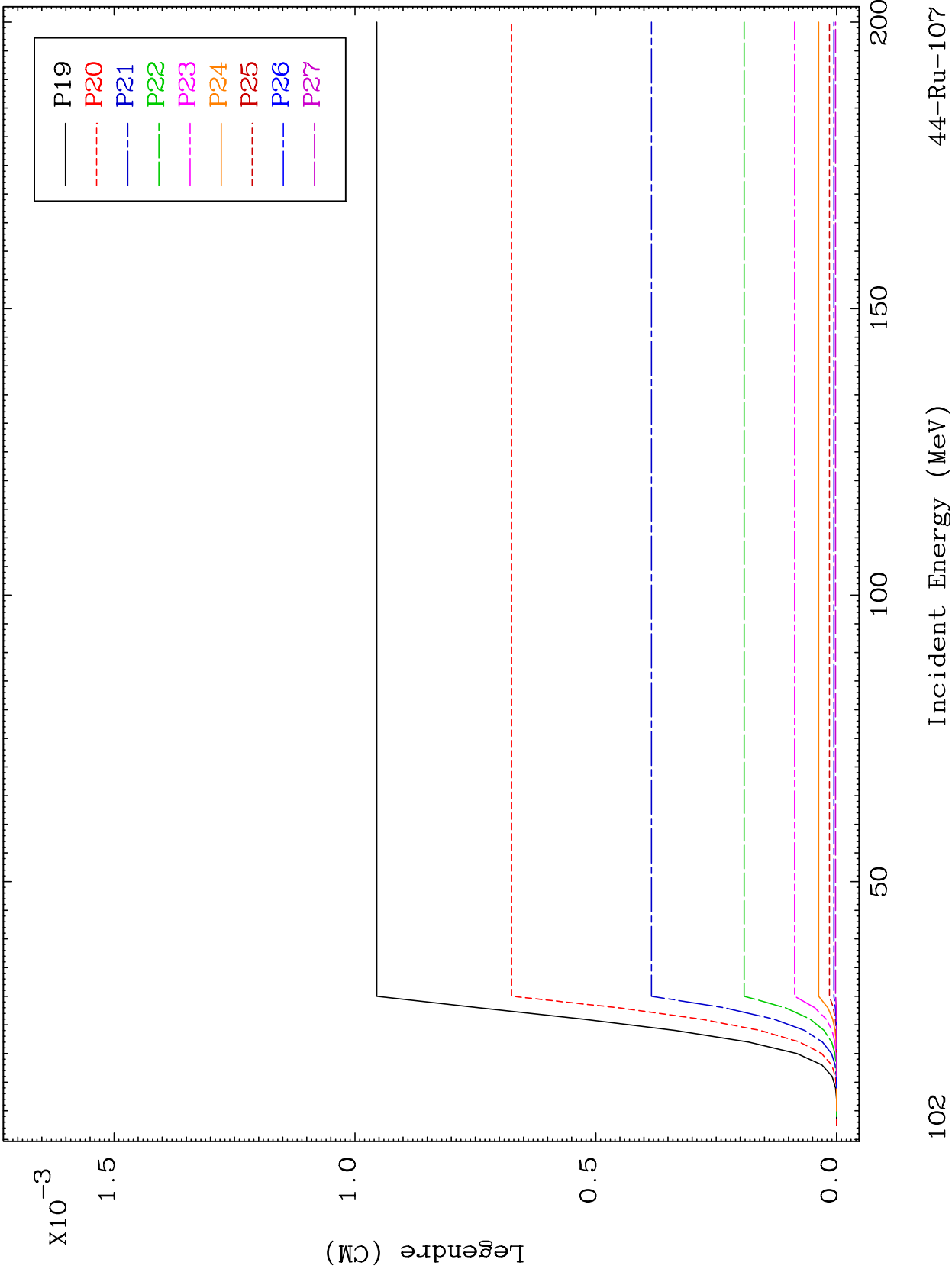
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107

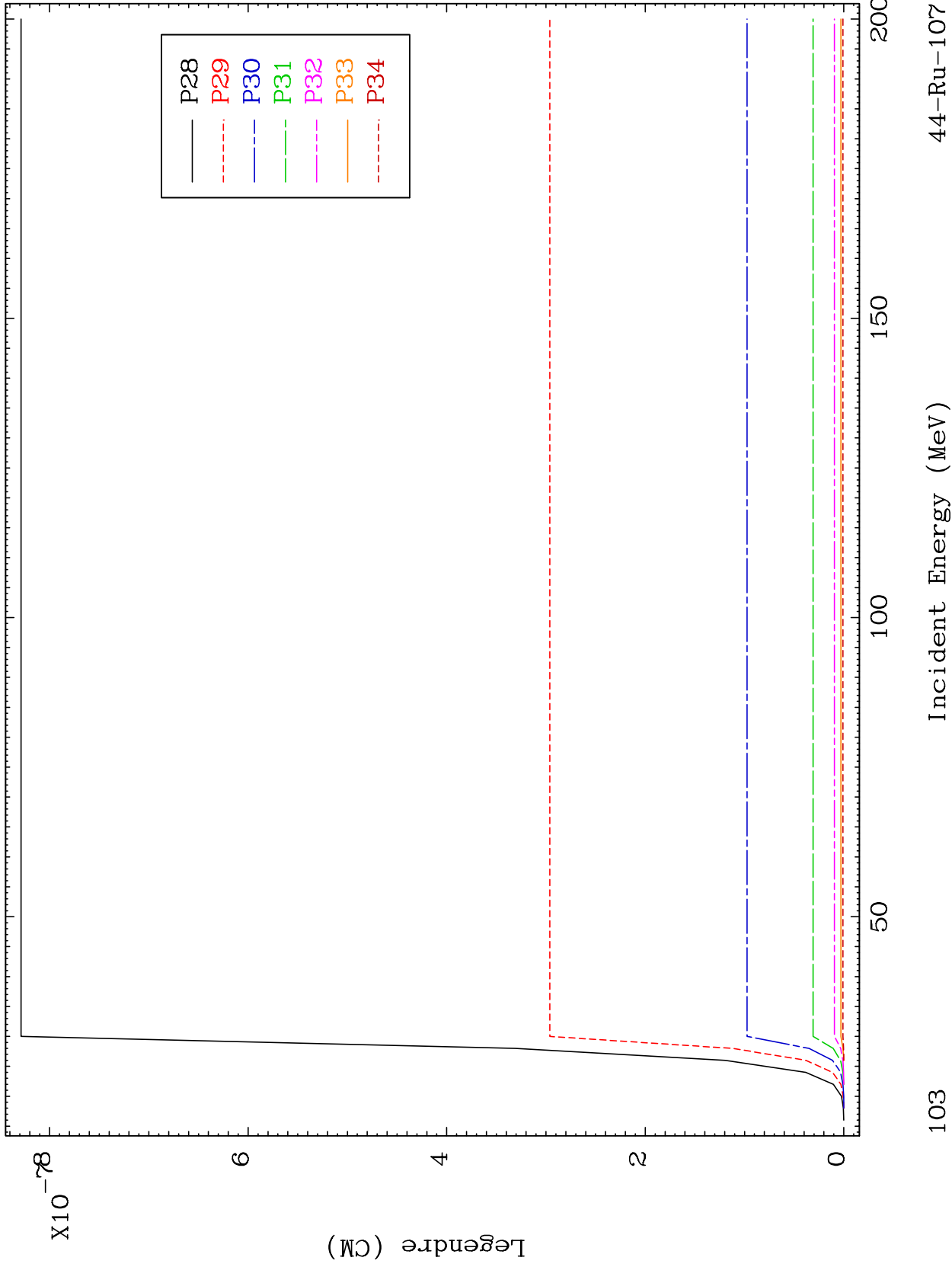


102

MAT 4458

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

44-Ru-107

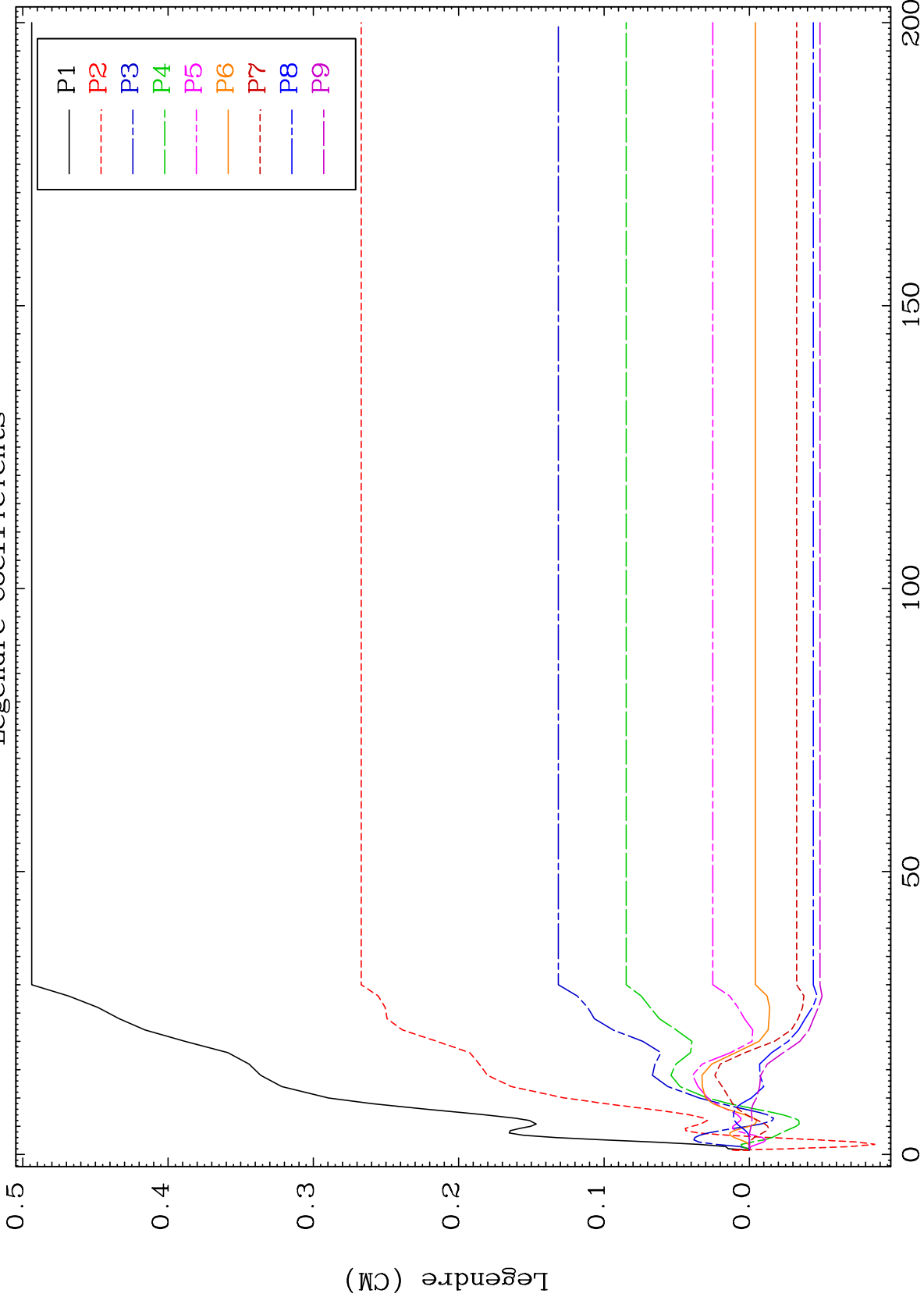


MAT 4458

MT= 72 (n,n') Level

44-Ru-107

Legendre Coefficients



0

50

100

150

200

Incident Energy (MeV)

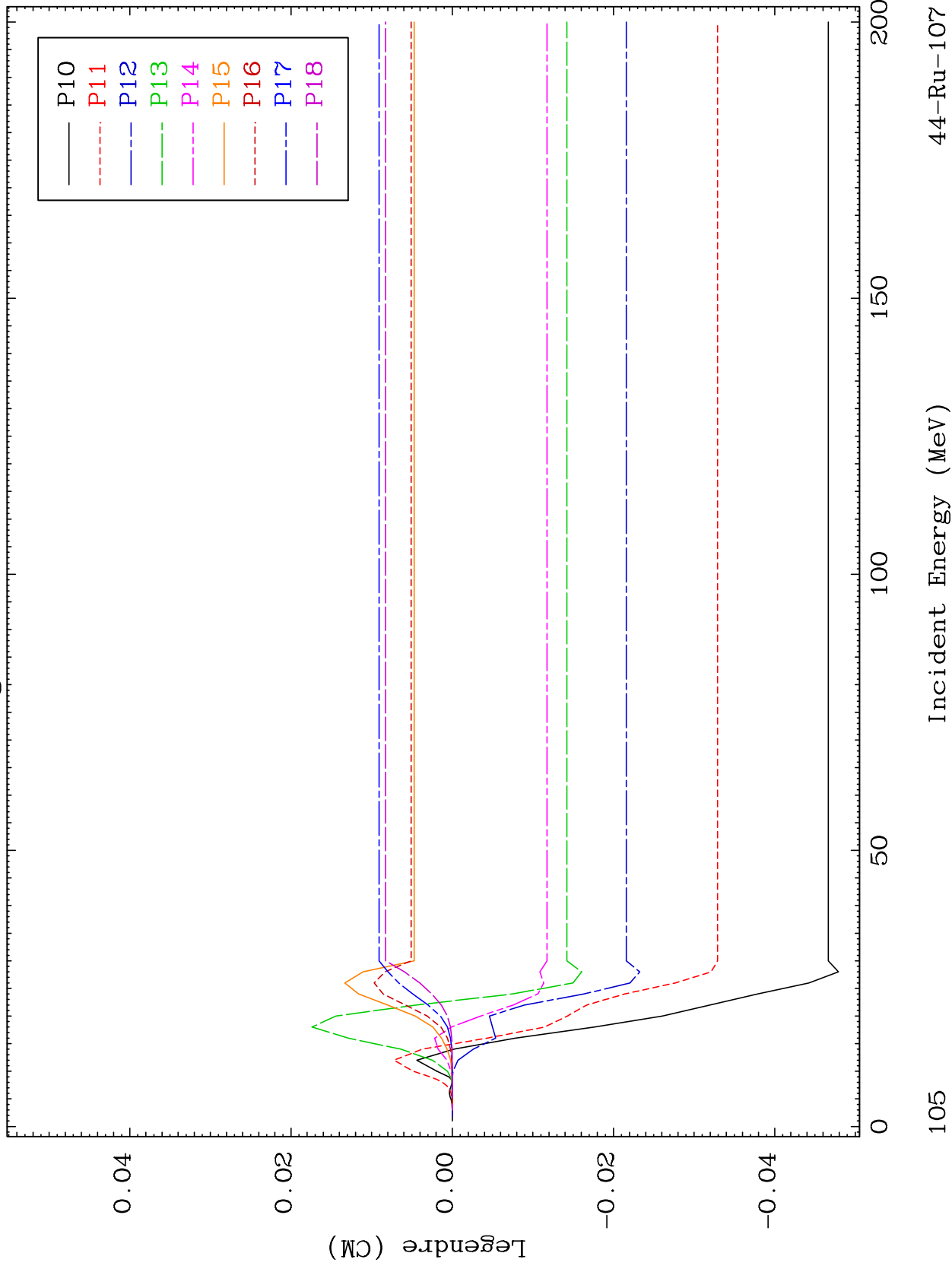
44-Ru-107

104

MAT 4458

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

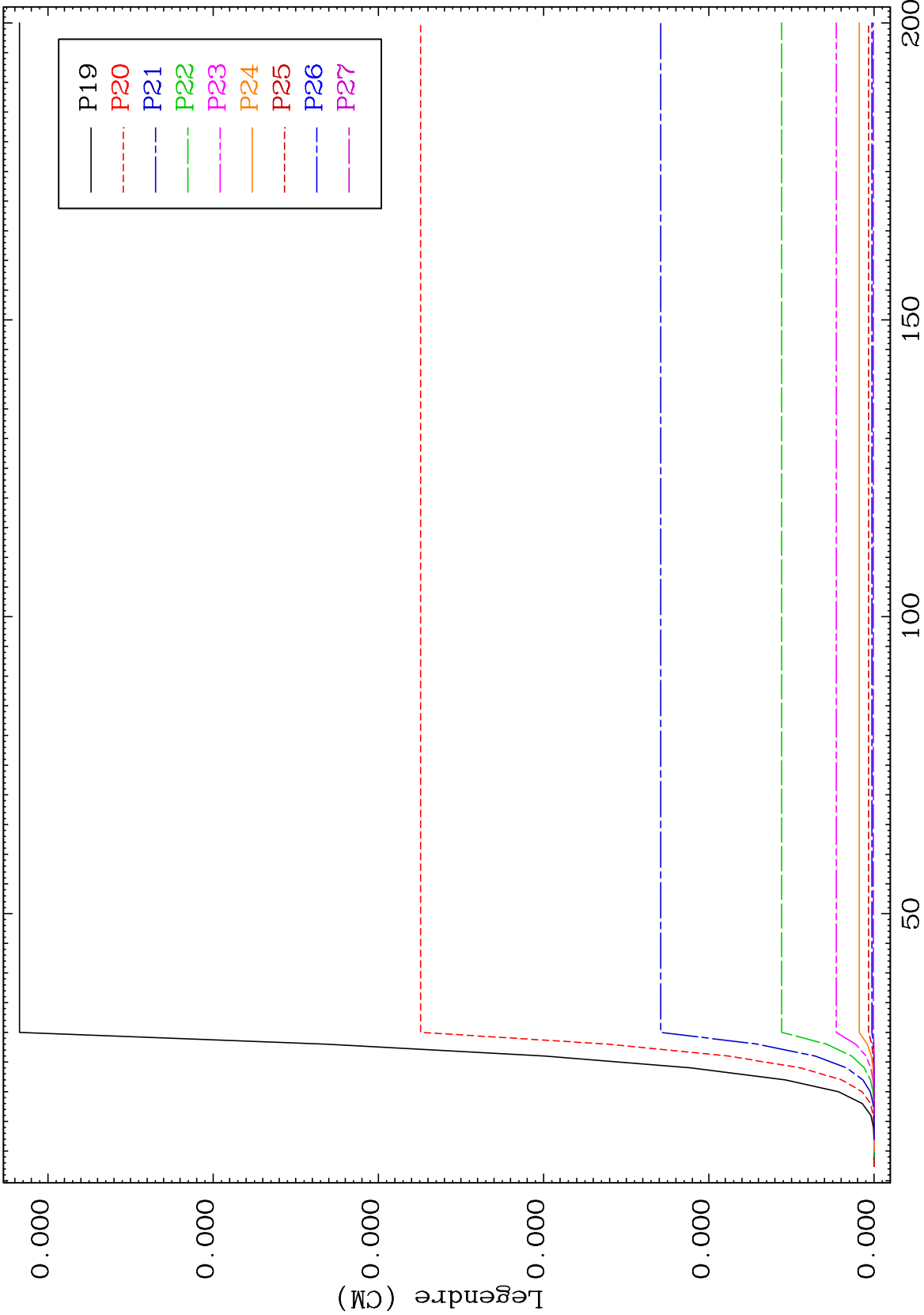
44-Ru-107



MAT 4458

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

44-Ru-107



106

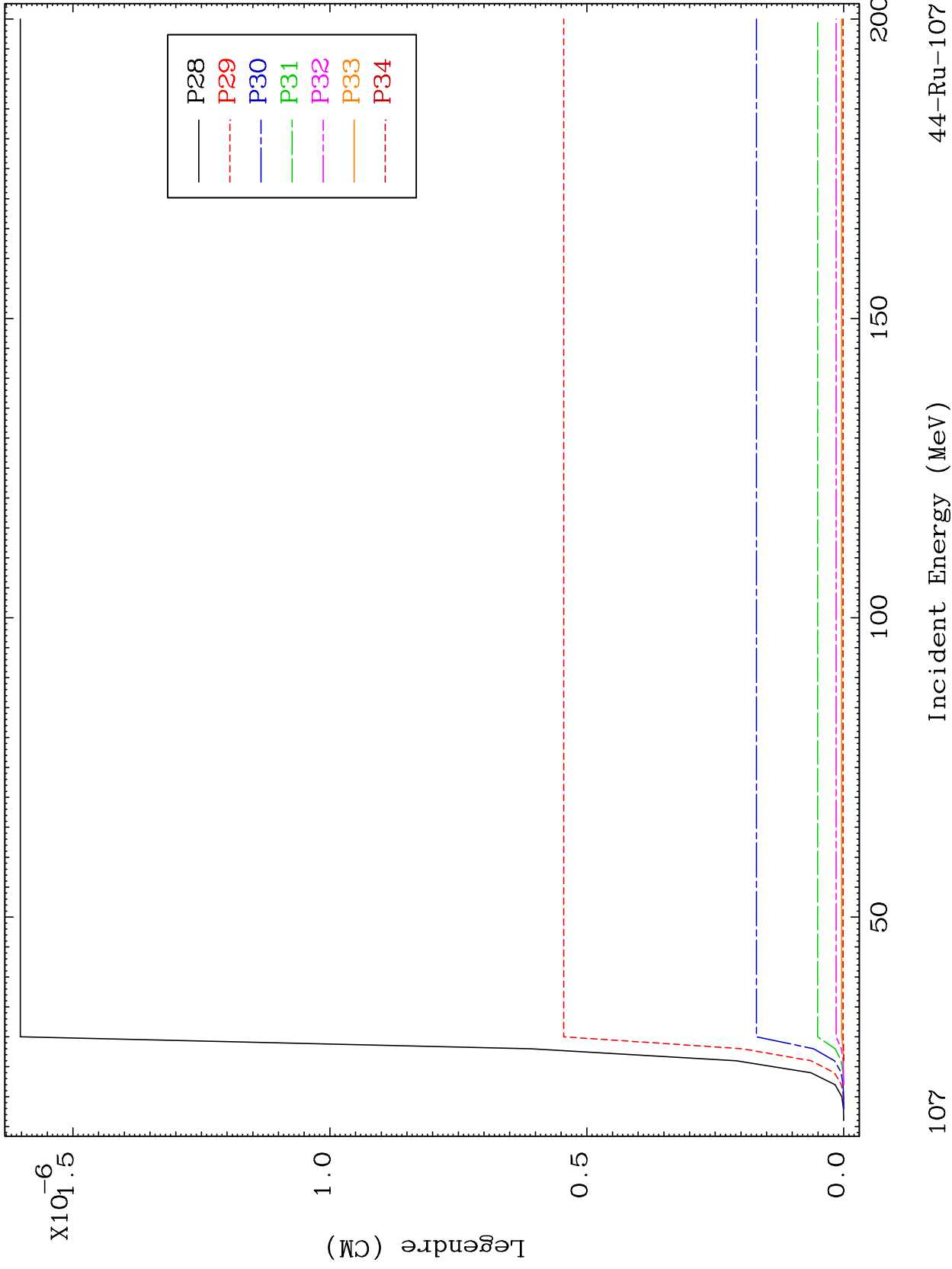
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

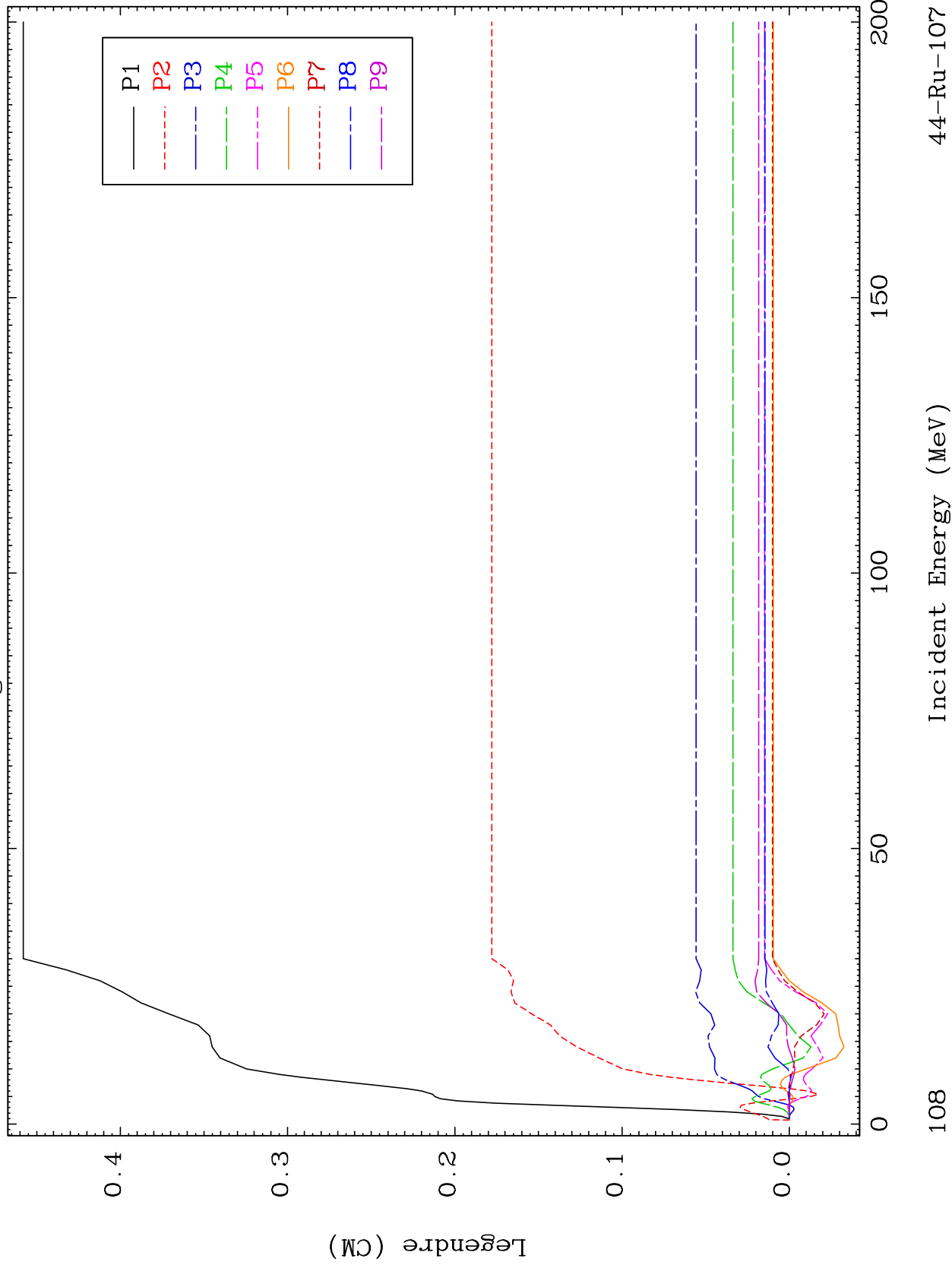
44-Ru-107



MAT 4458

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

44-Ru-107

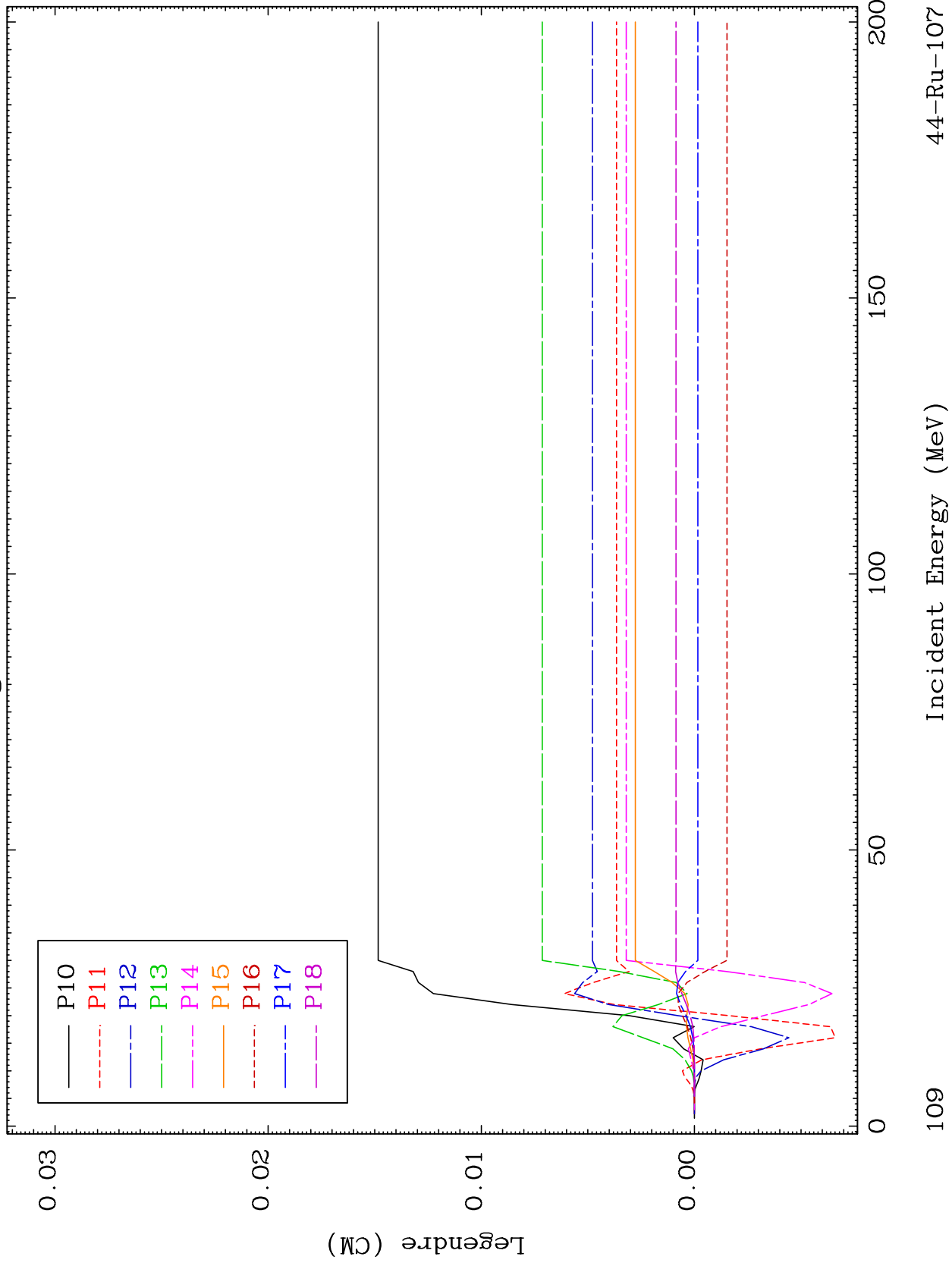


108

MAT 4458

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

44-Ru-107



109

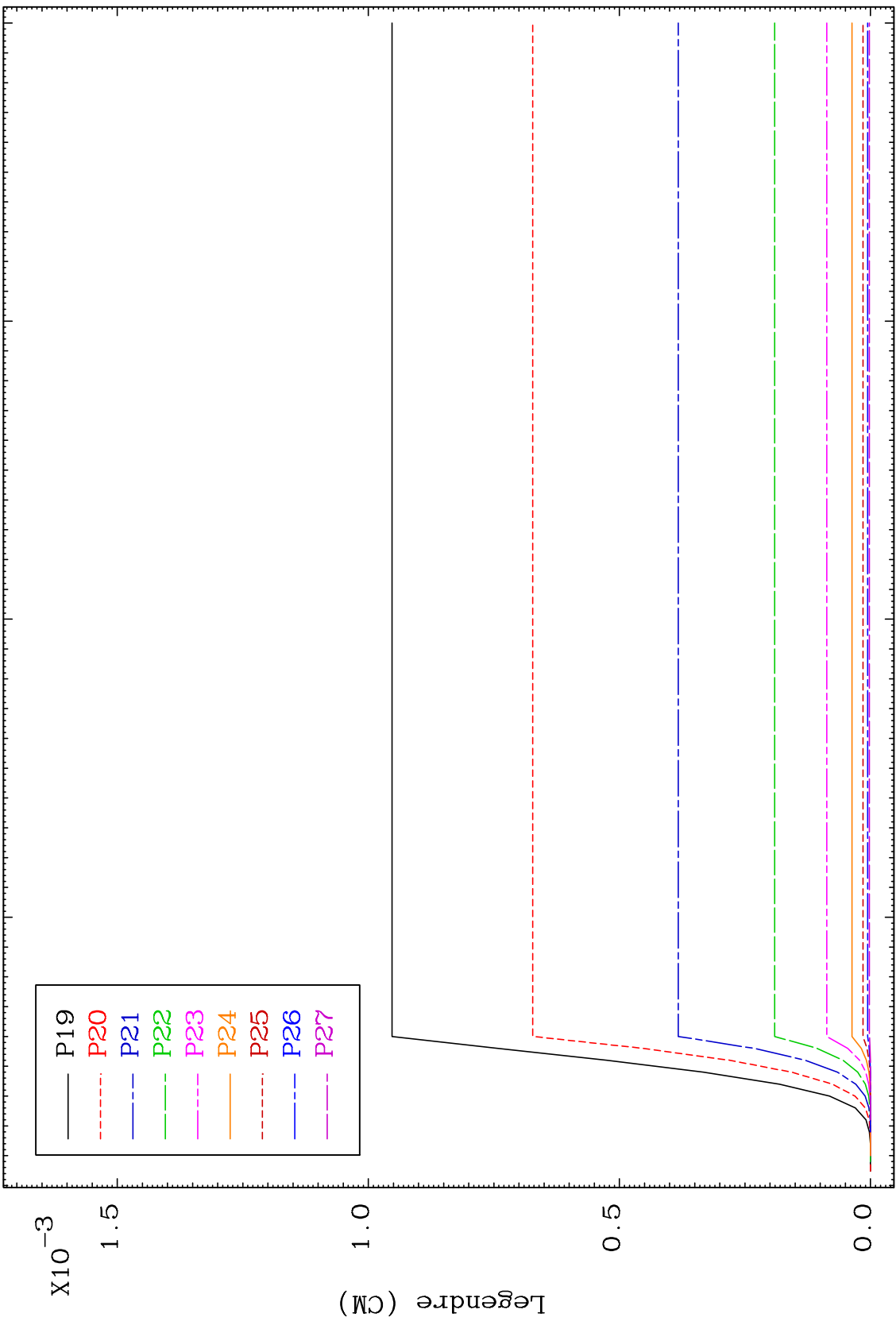
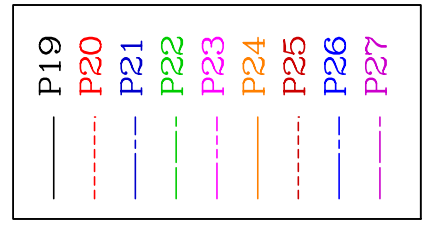
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



110

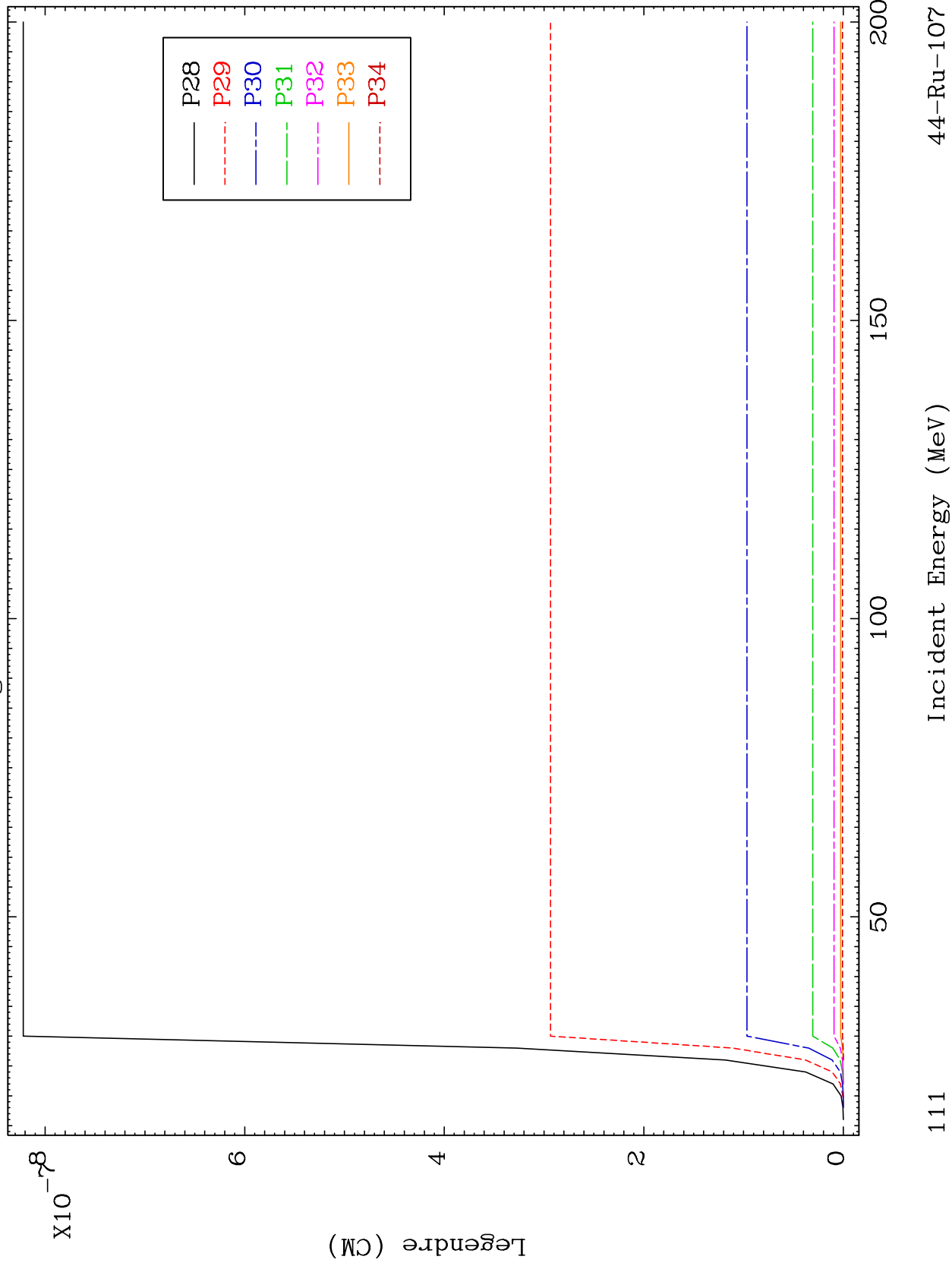
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

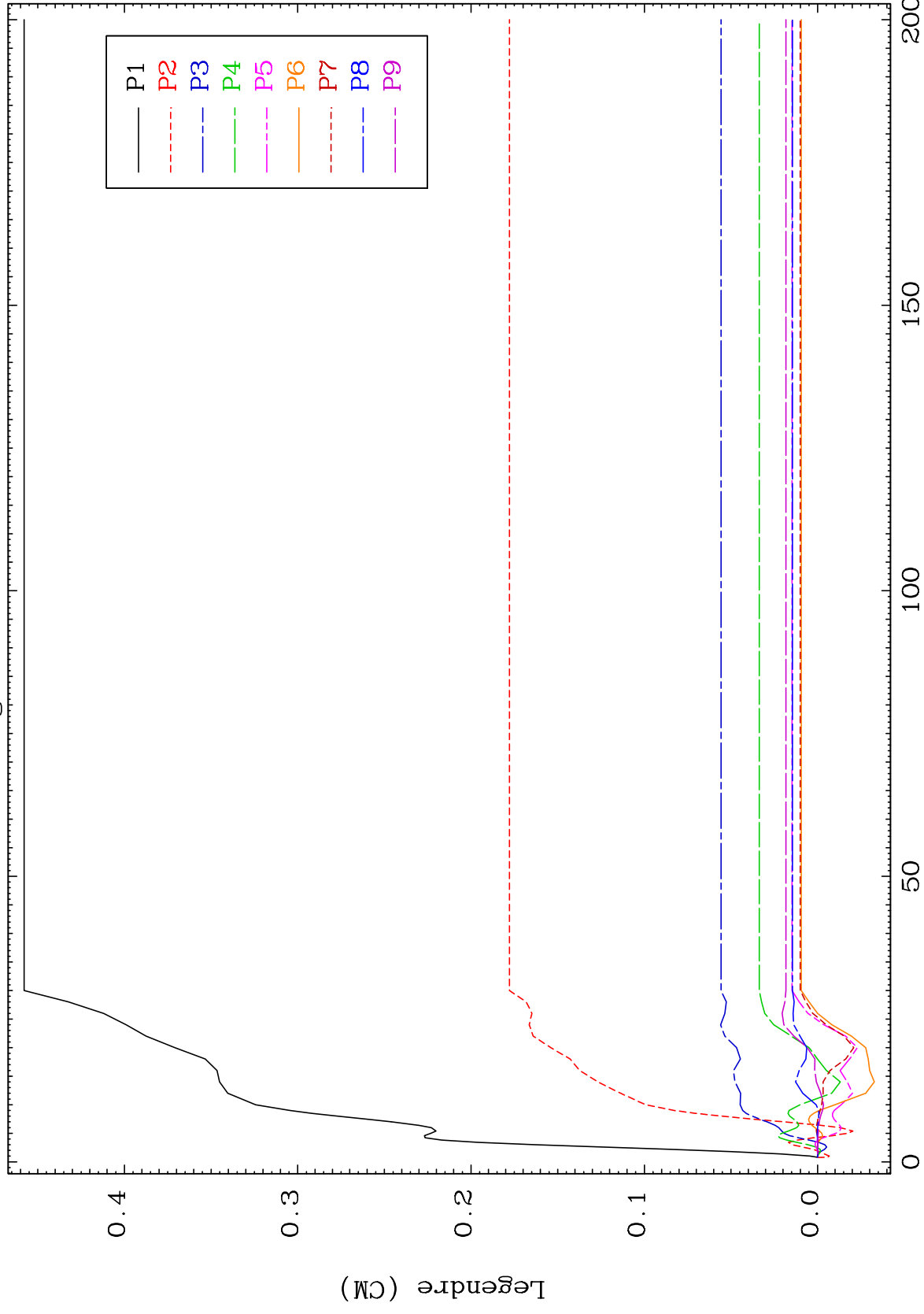
44-Ru-107



MAT 4458

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

44-Ru-107



112

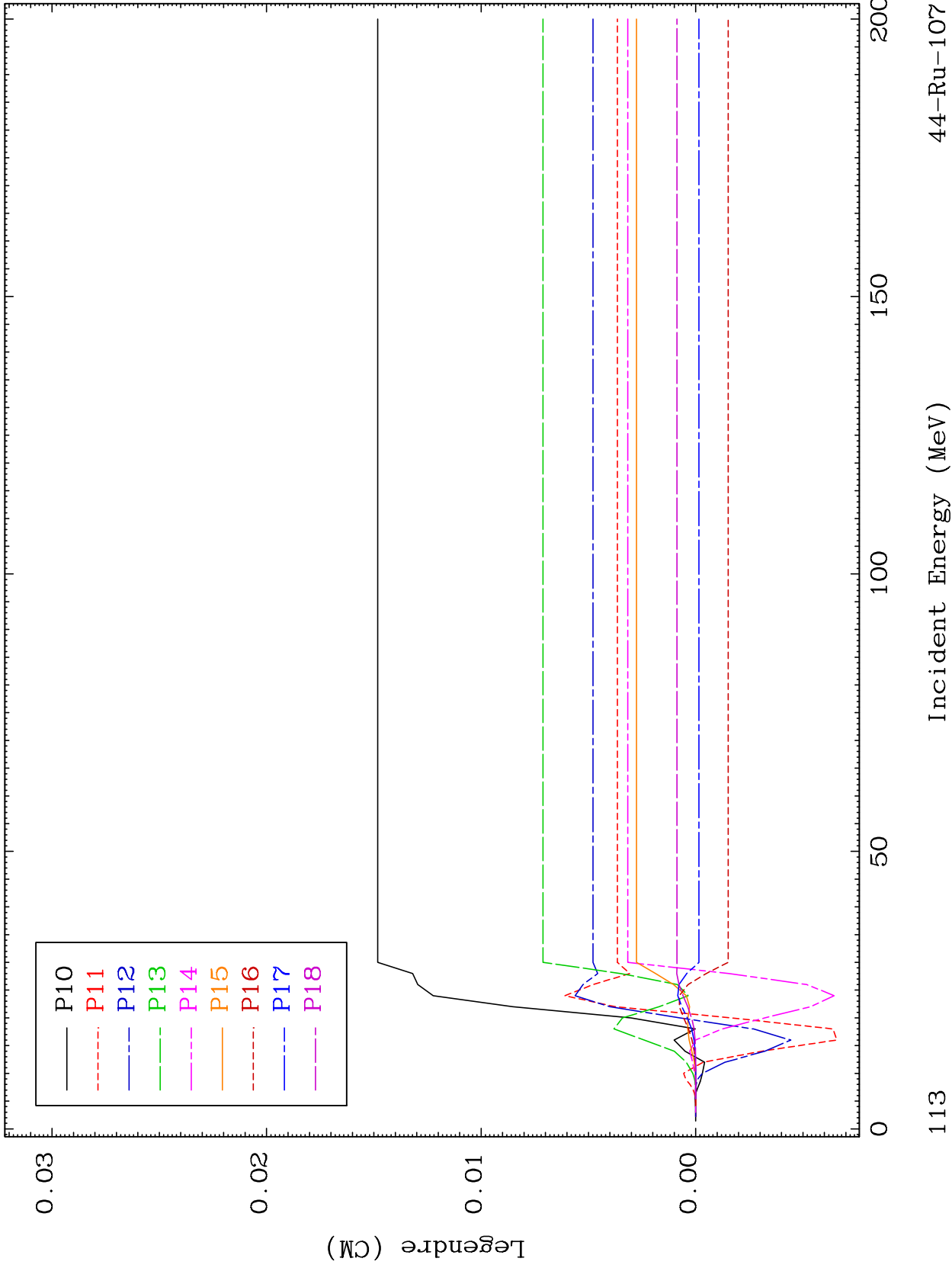
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

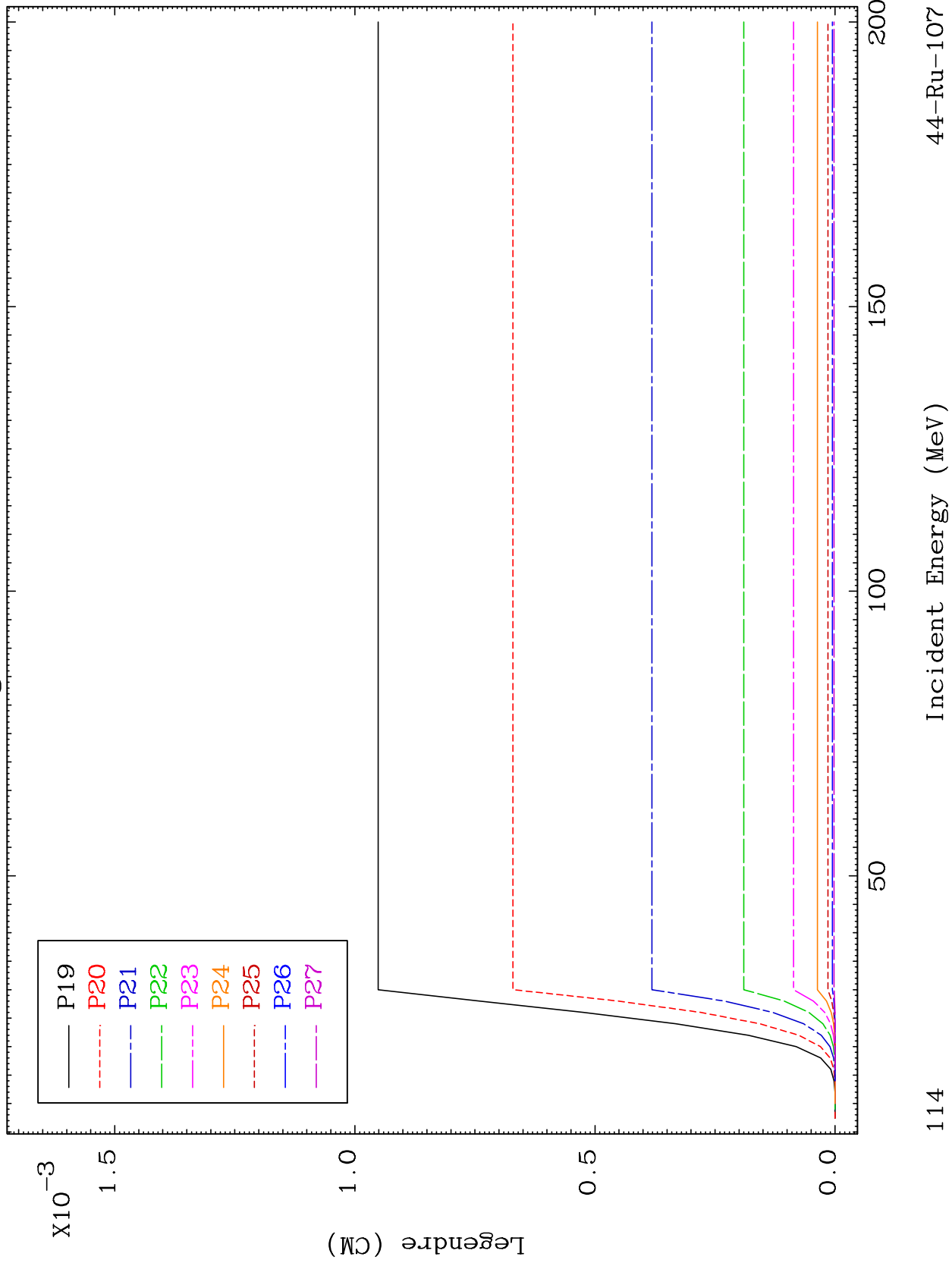
44-Ru-107



MAT 4458

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

44-Ru-107

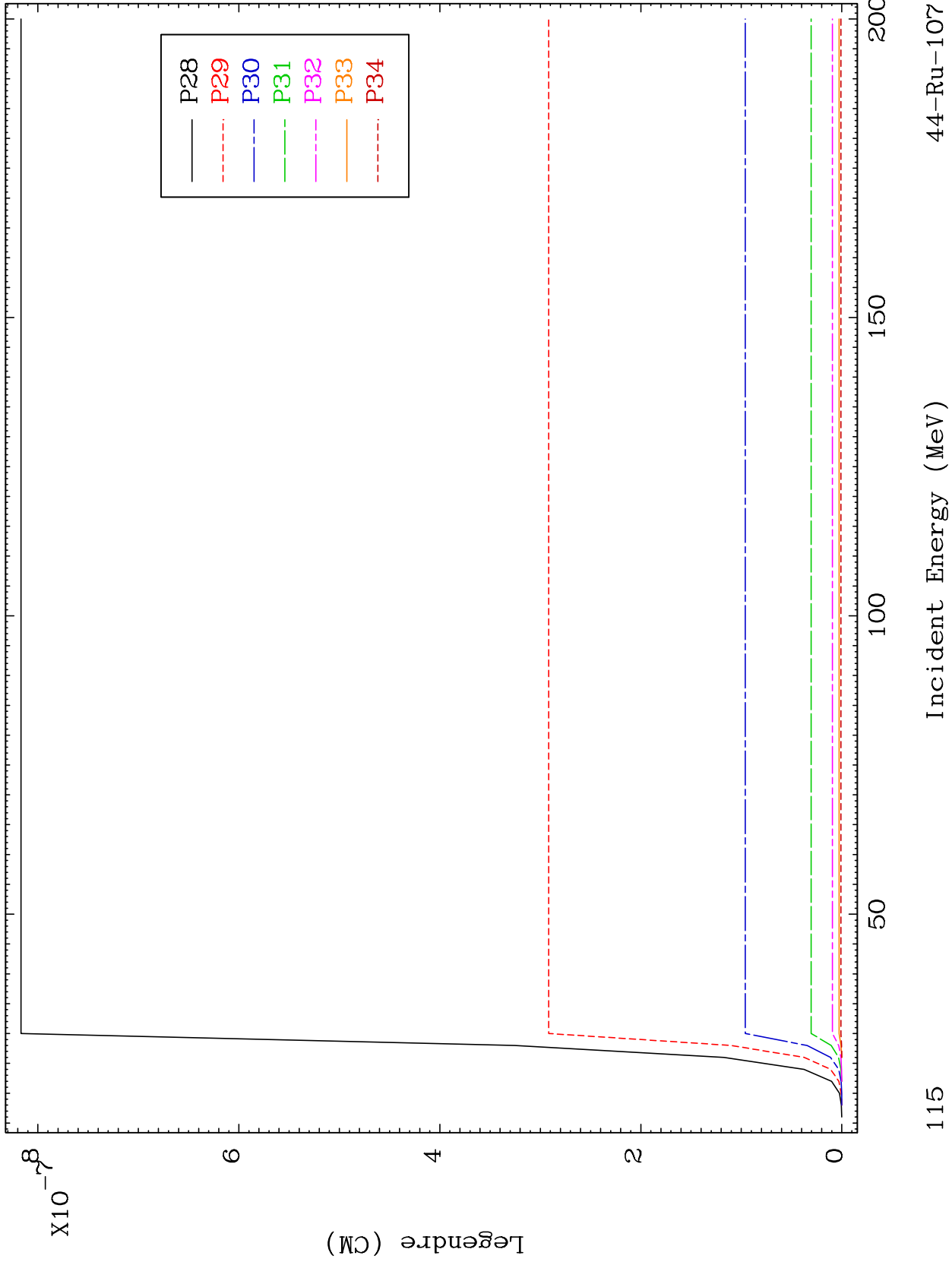


114

MAT 4458

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

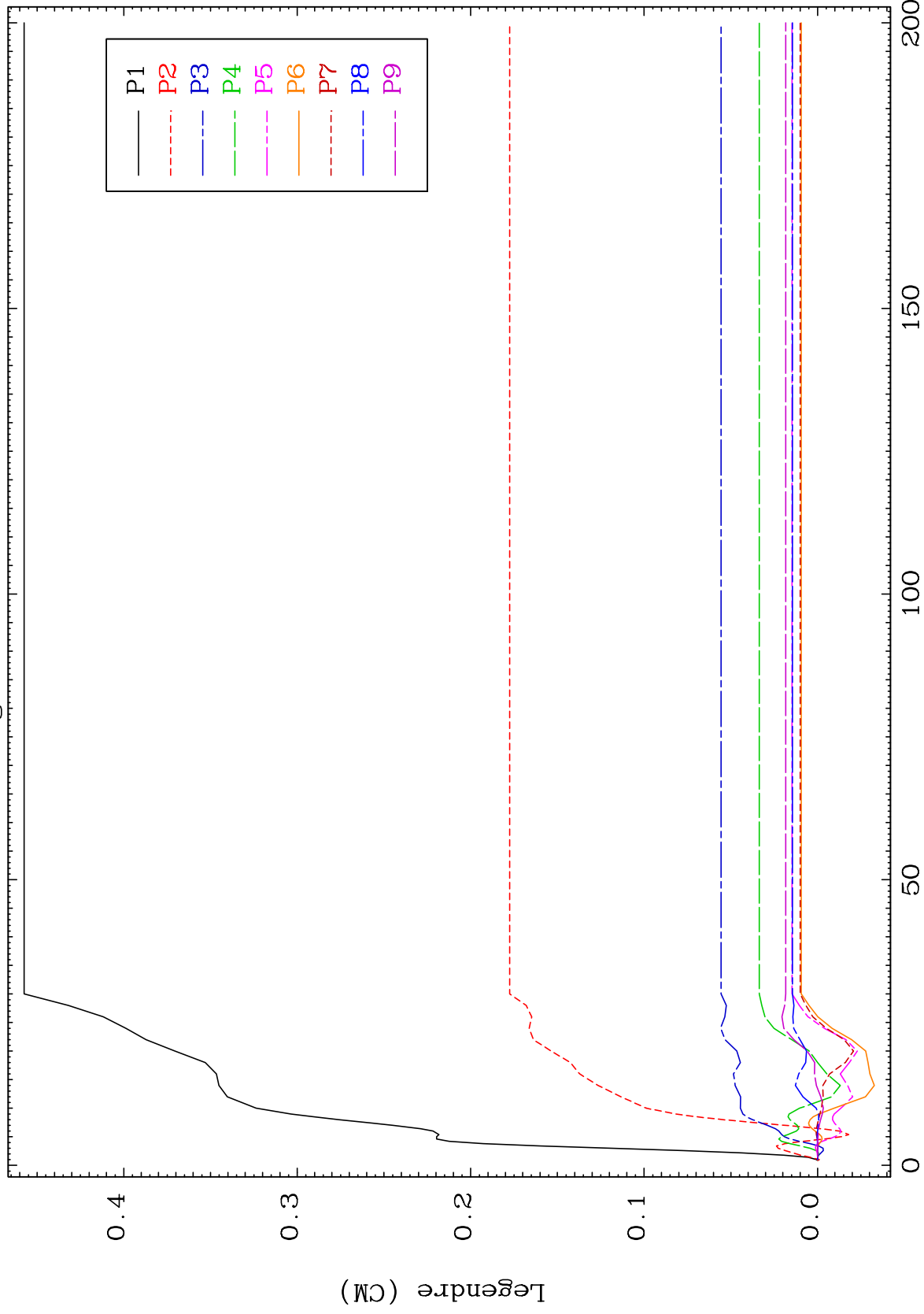
44-Ru-107



MAT 4458

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

44-Ru-107



116

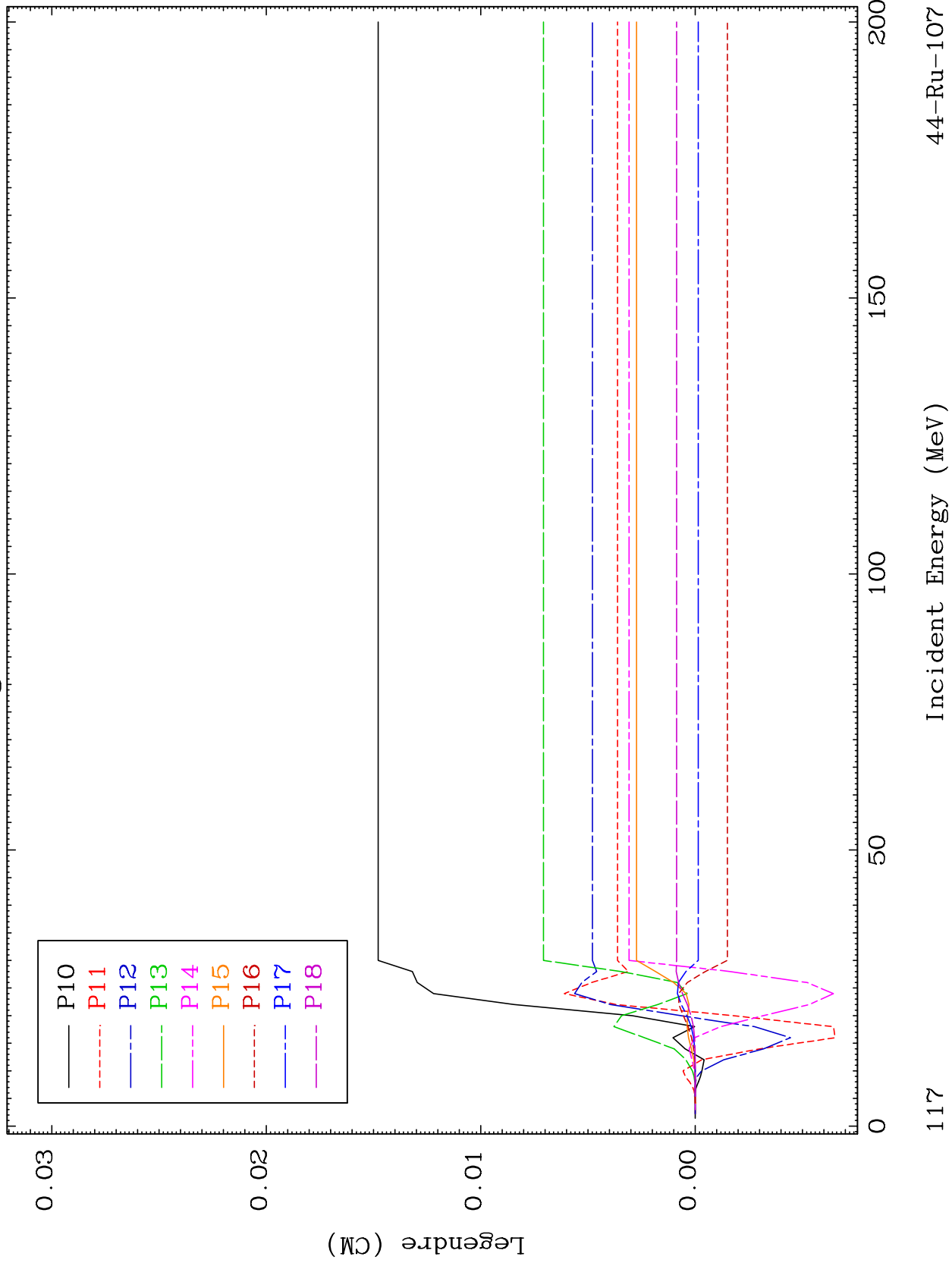
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



117

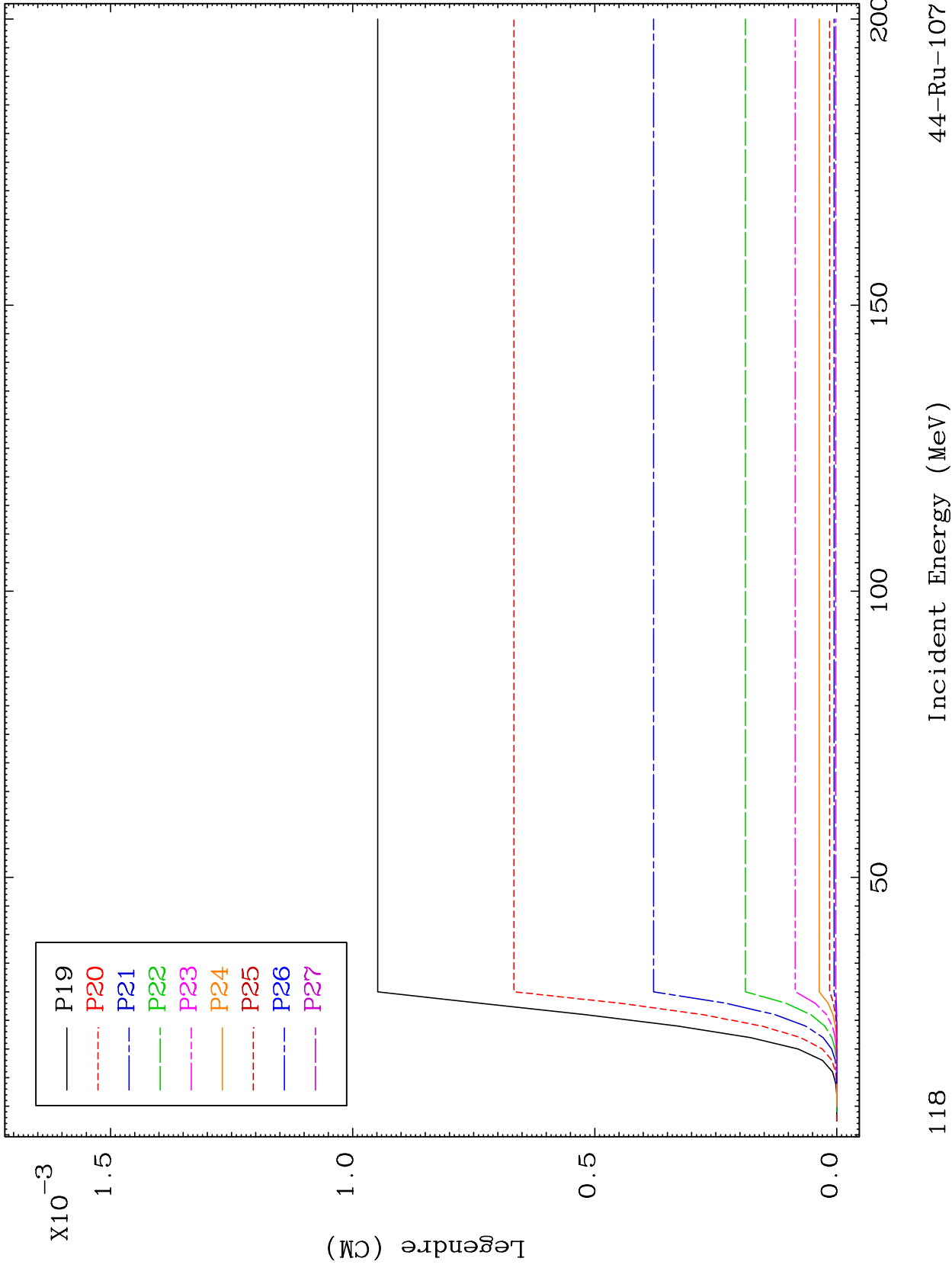
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107

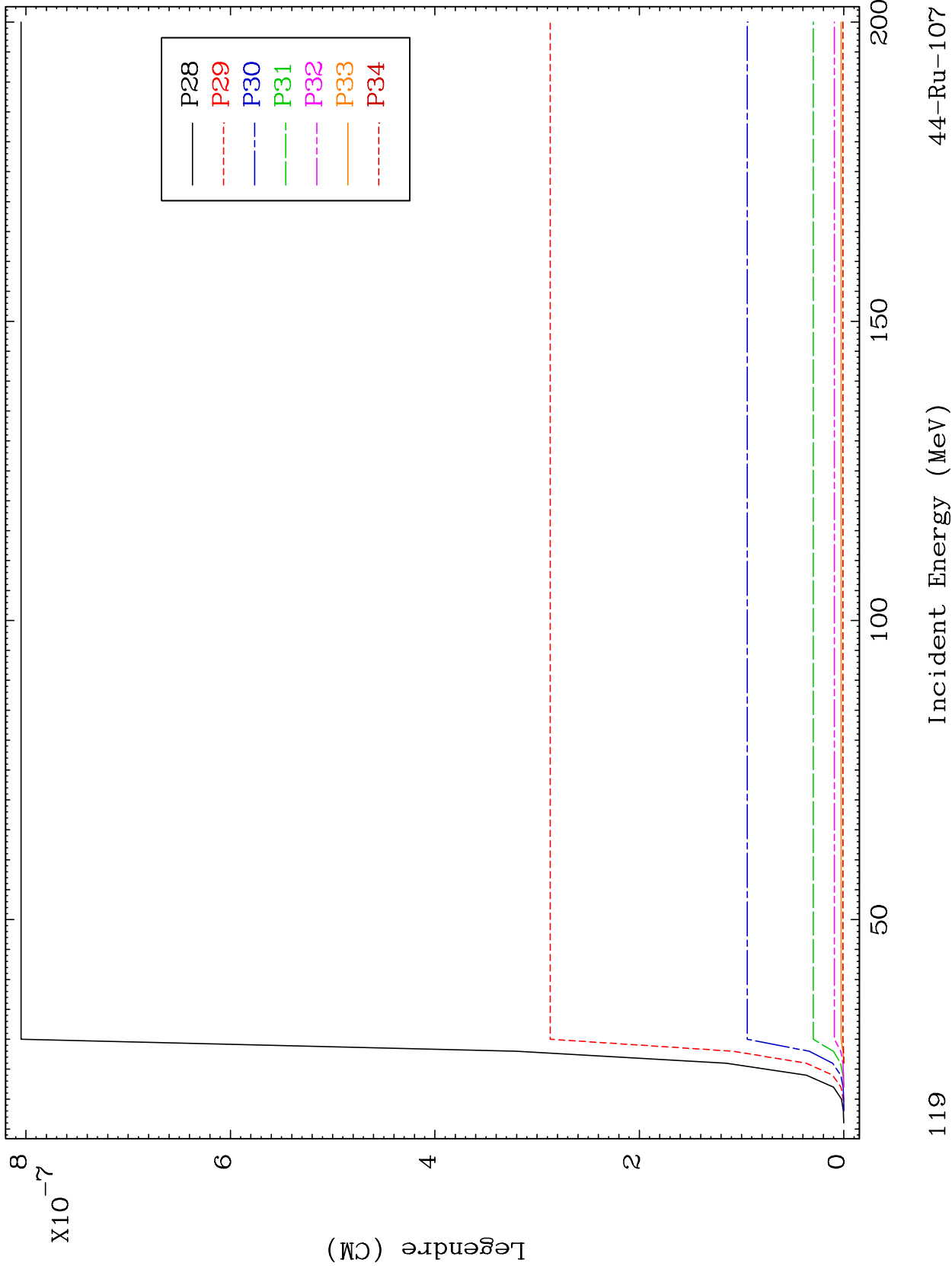


118

MAT 4458

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

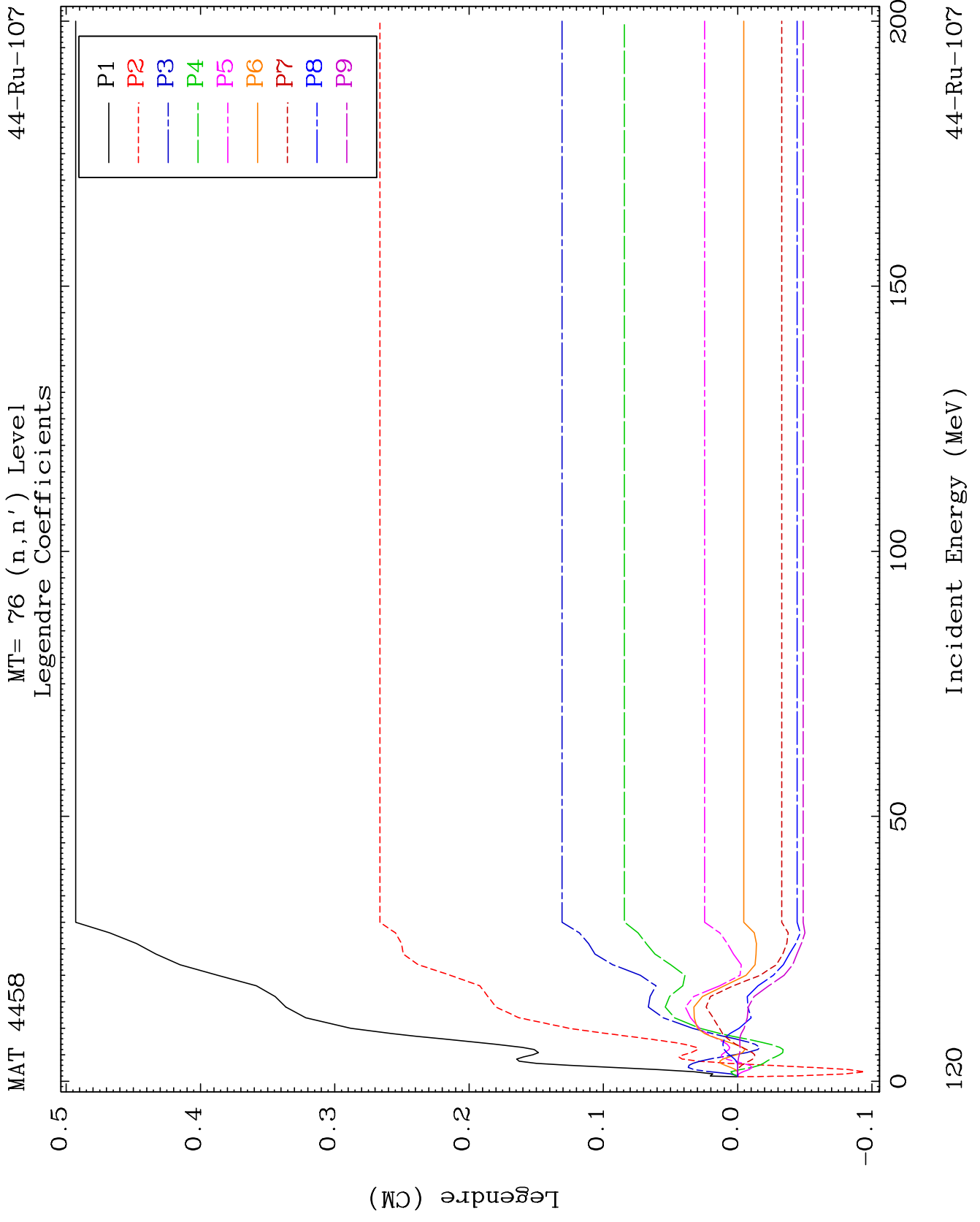
44-Ru-107



119

Incident Energy (MeV)

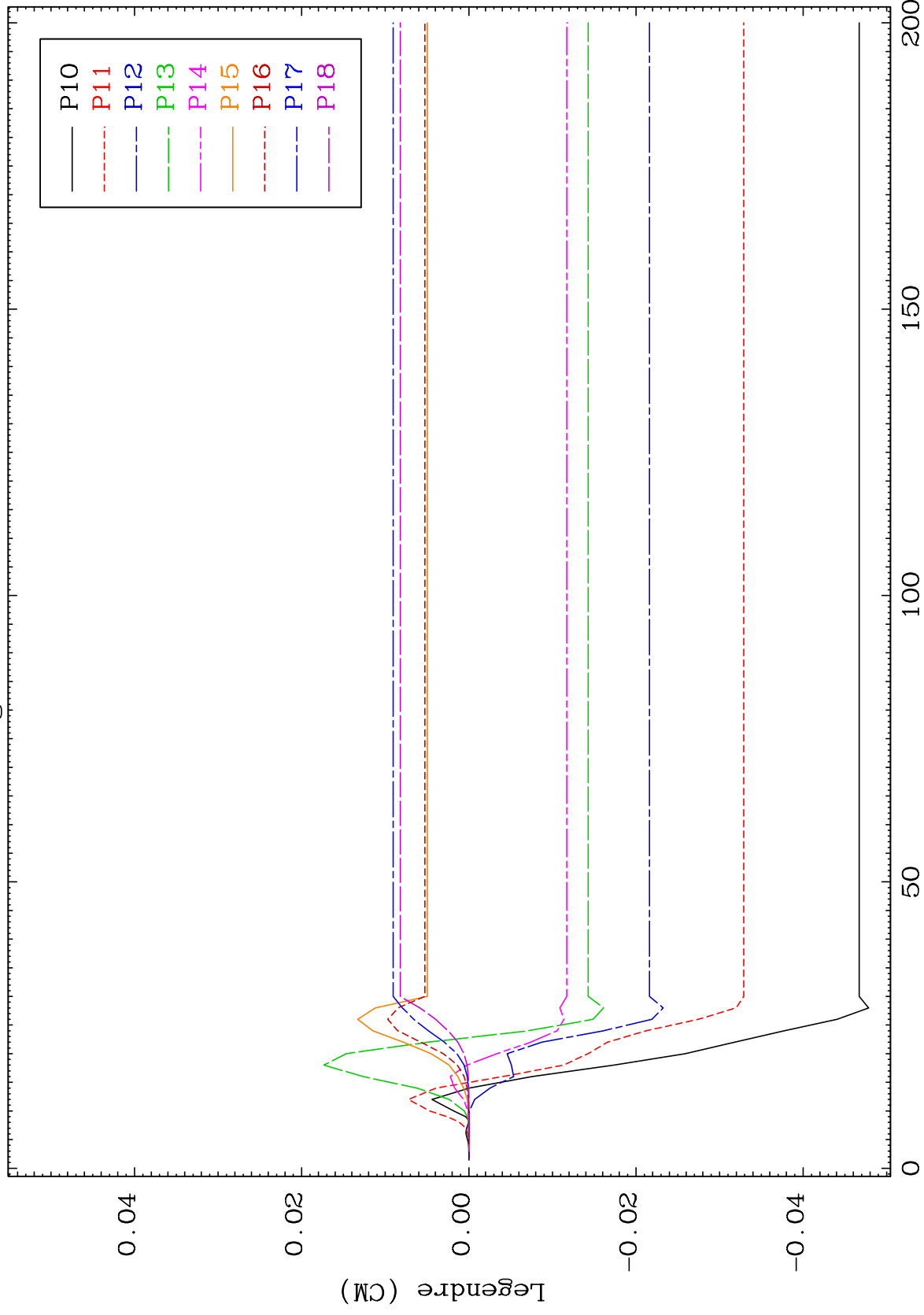
44-Ru-107



MAT 4458

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

44-Ru-107



121

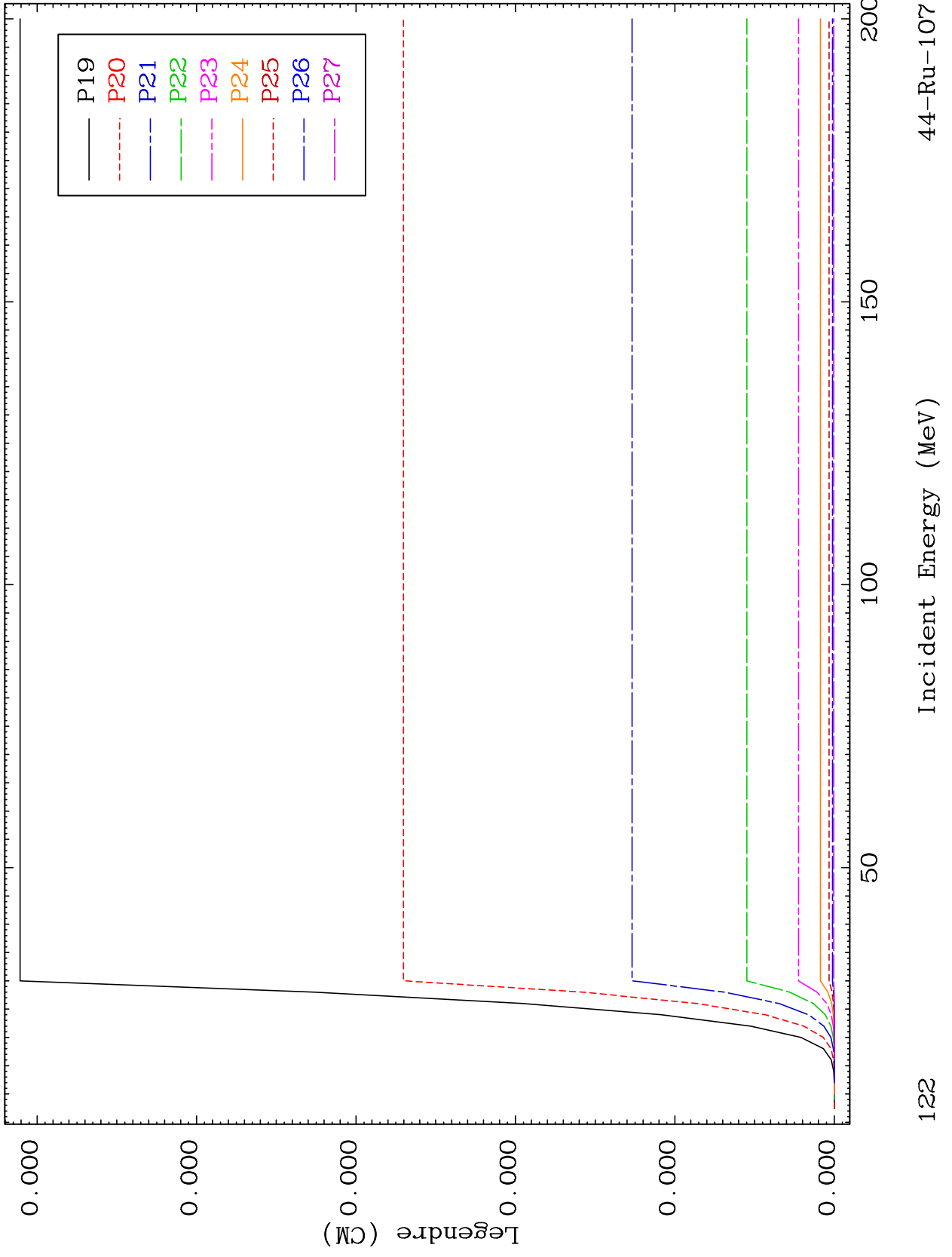
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

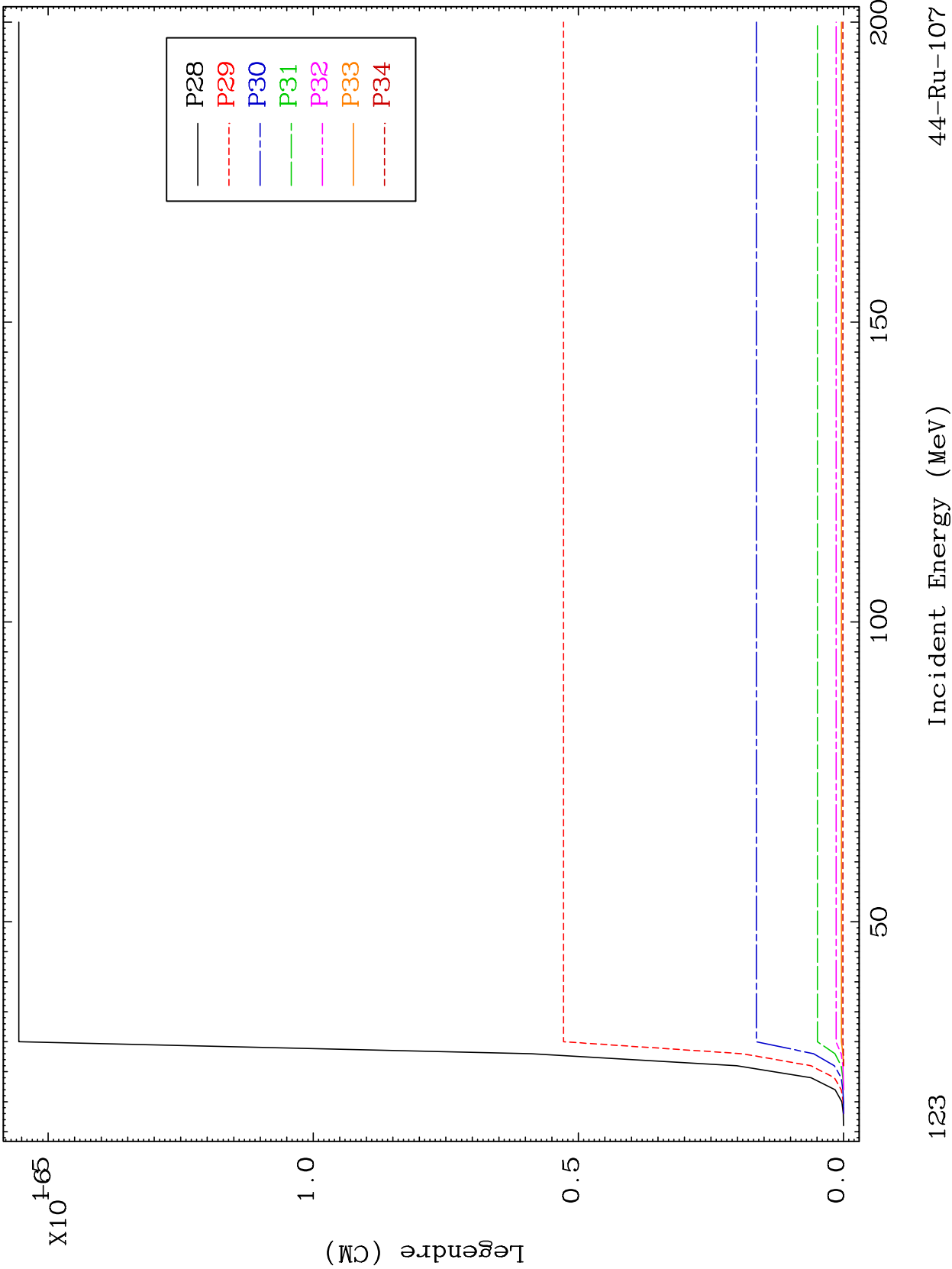
44-Ru-107



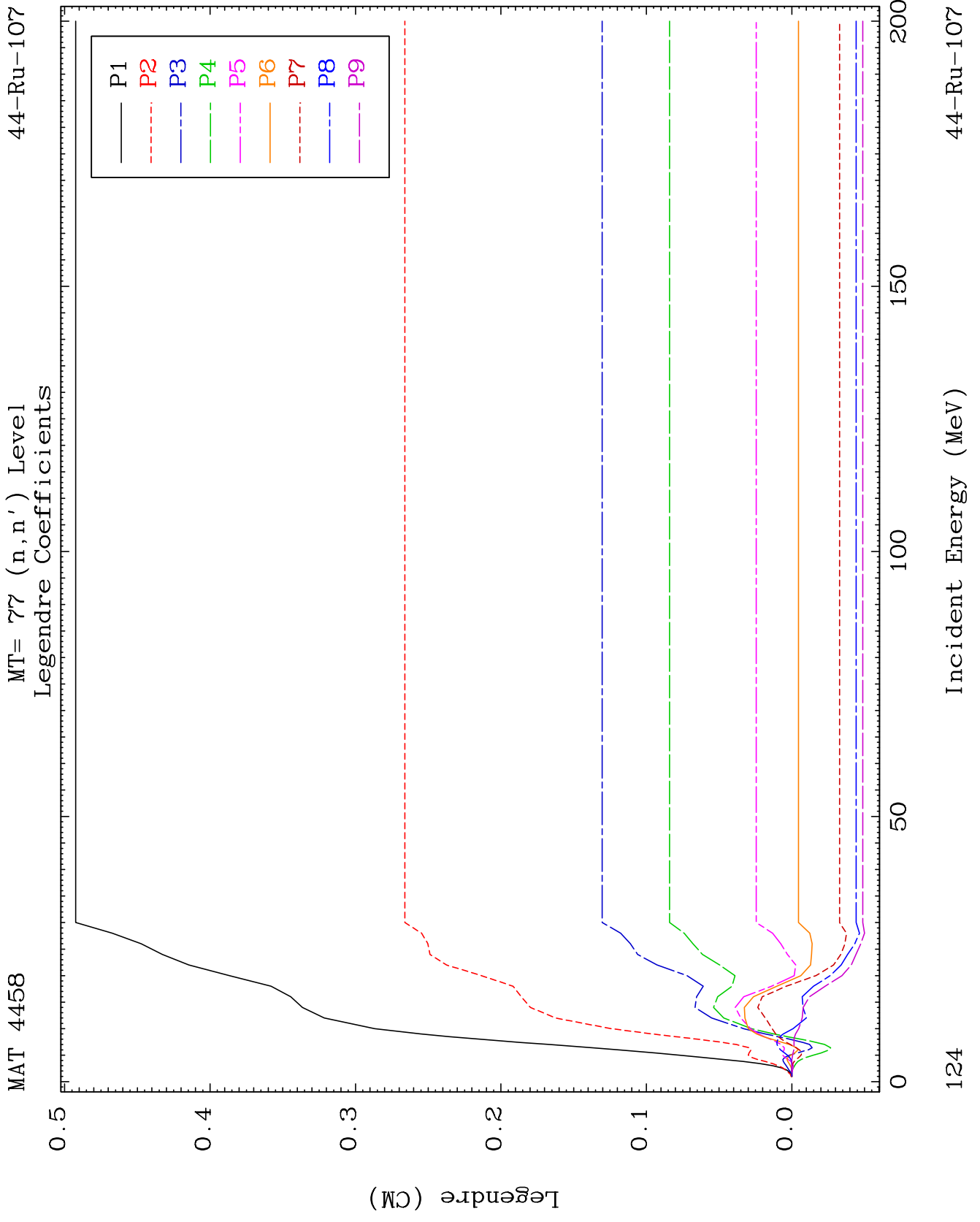
MAT 4458

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

44-Ru-107



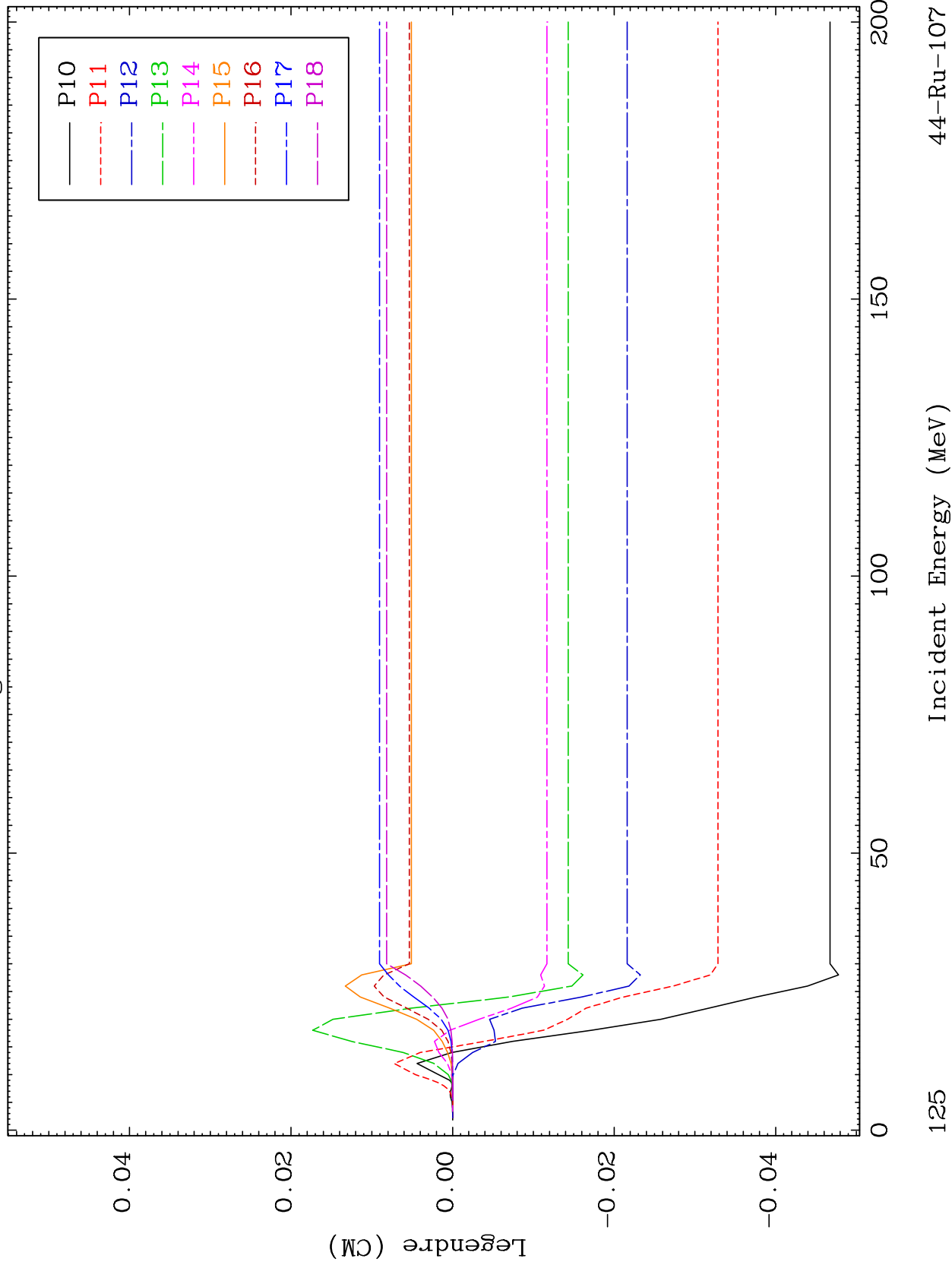
123



MAT 4458

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

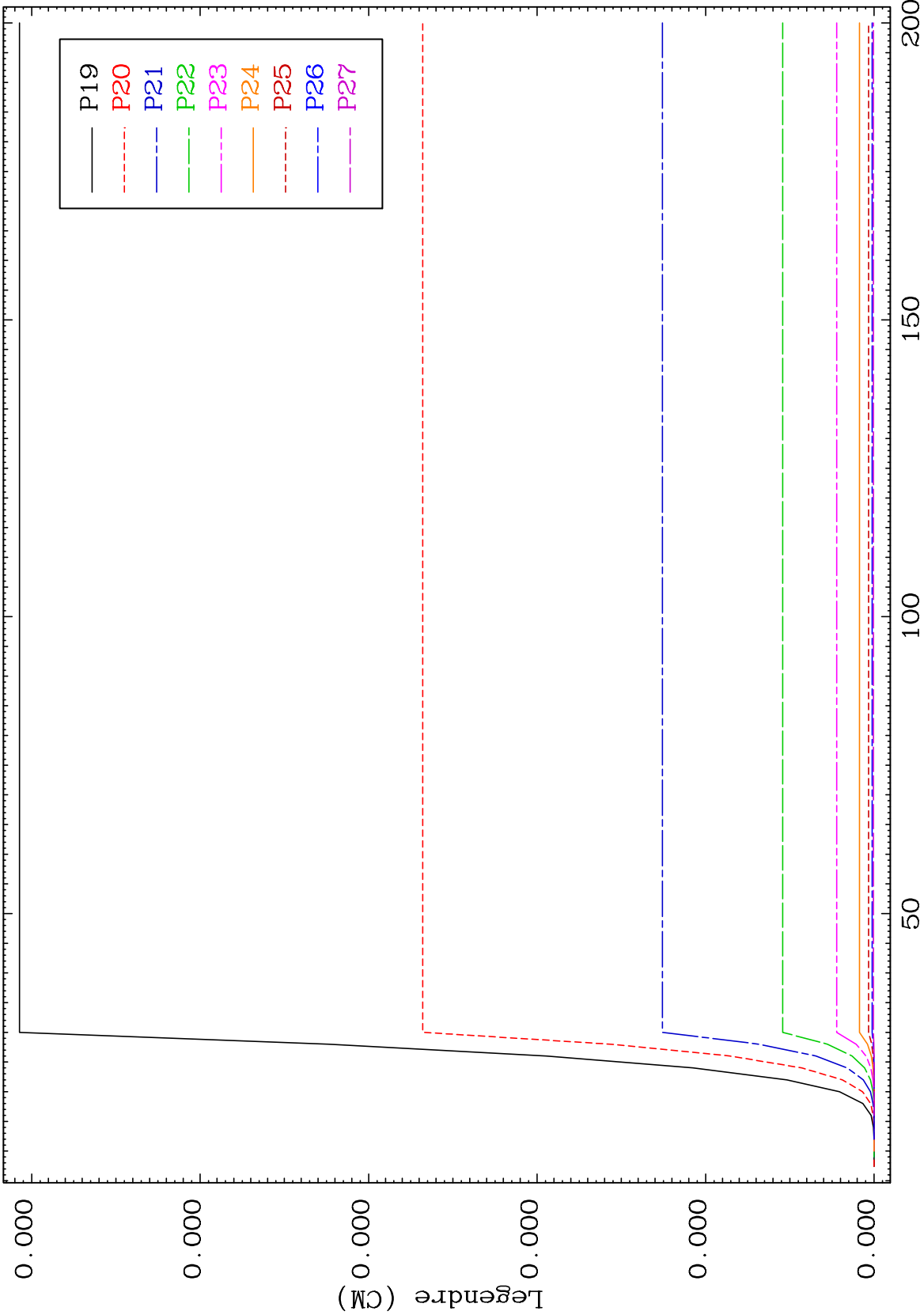
44-Ru-107



MAT 4458

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

44-Ru-107



126

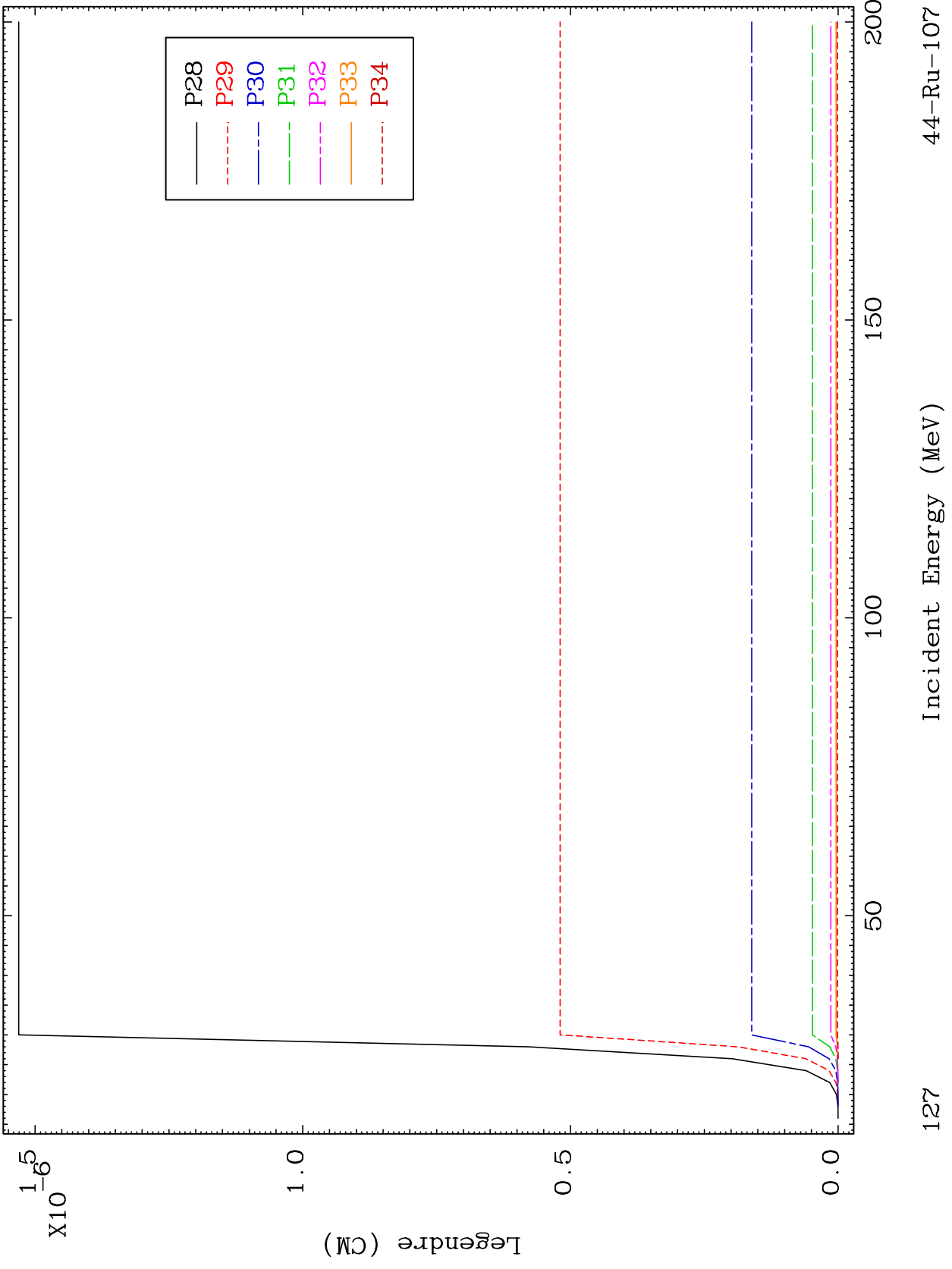
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

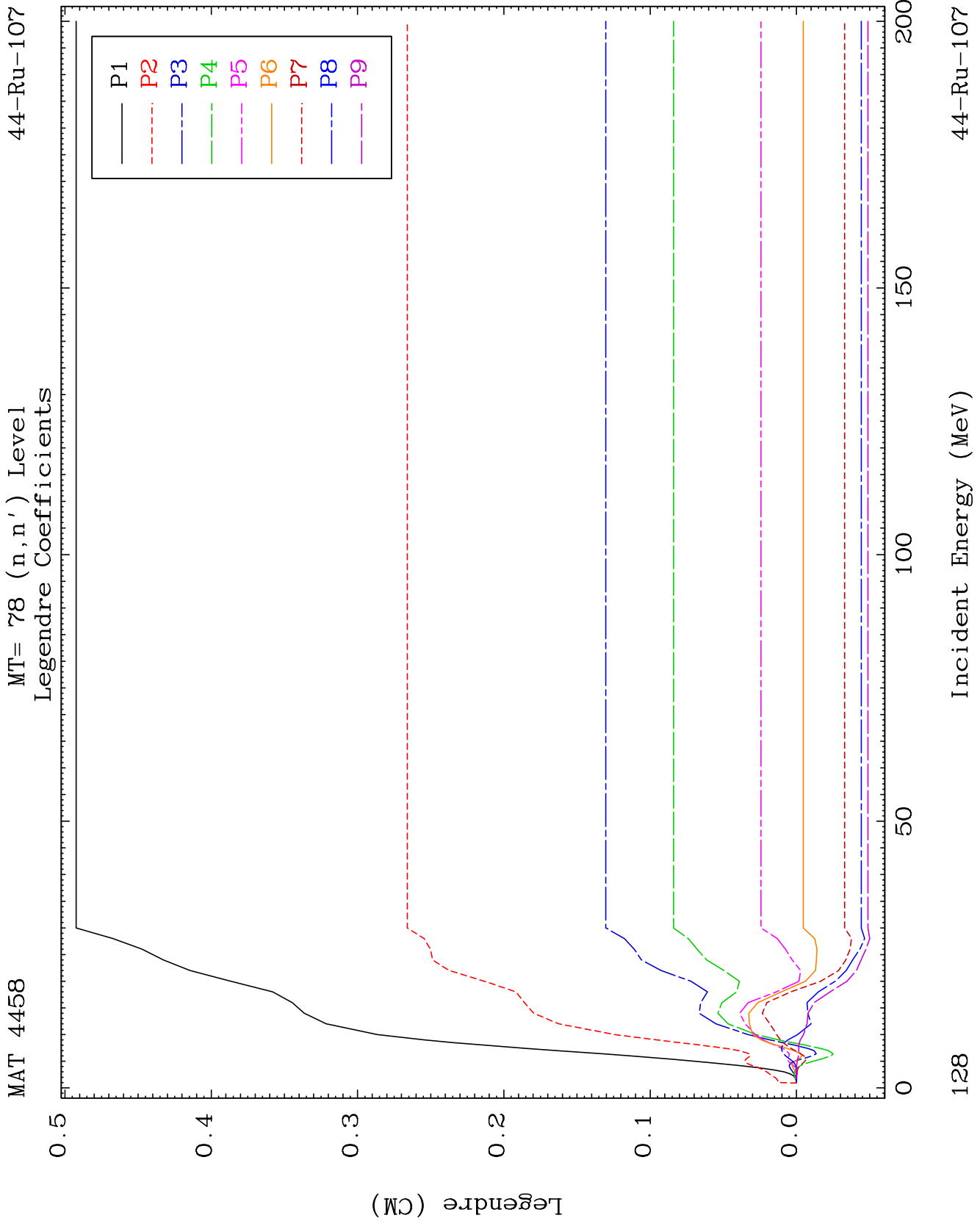
44-Ru-107



127

Incident Energy (MeV)

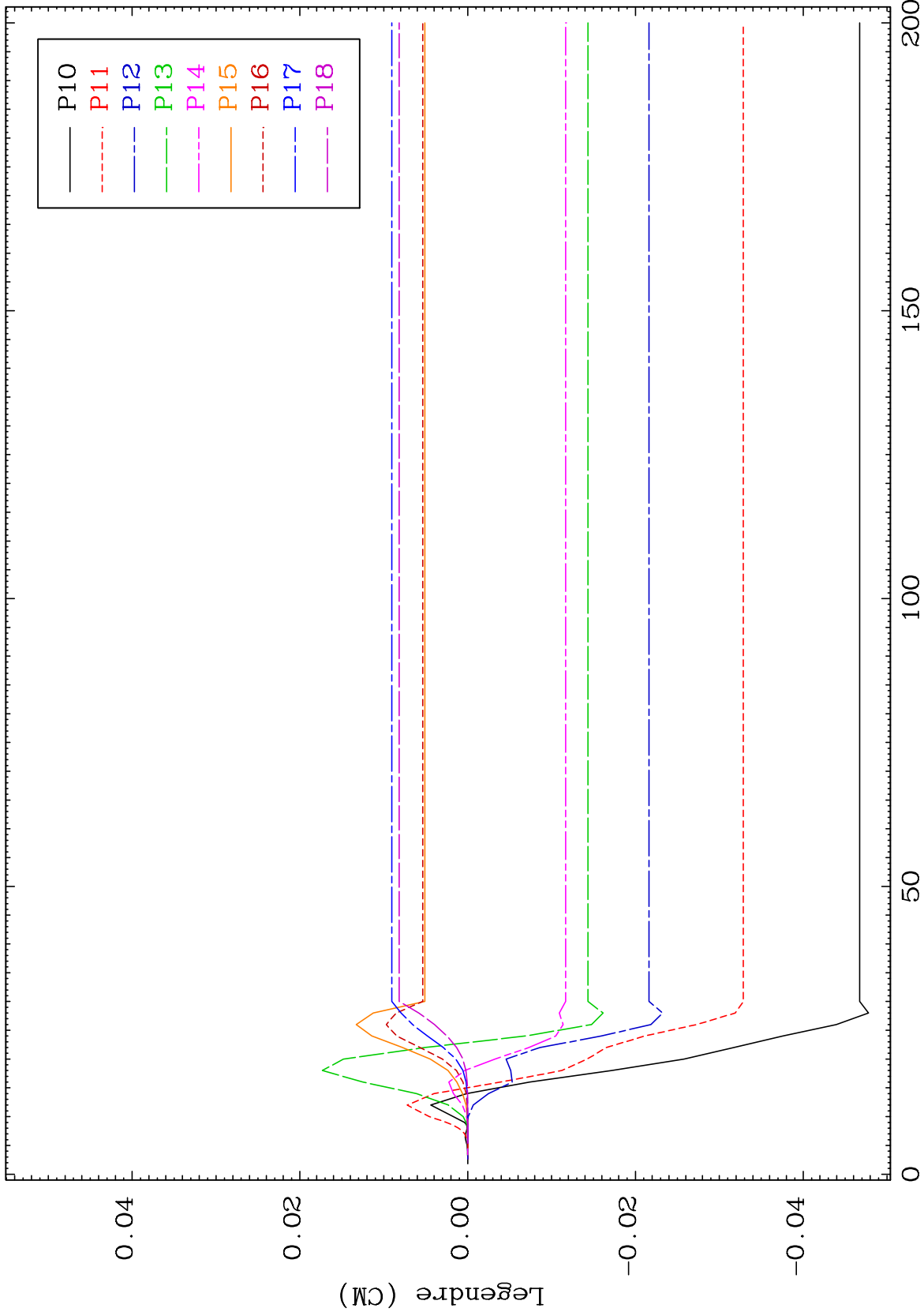
44-Ru-107



MAT 4458

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

44-Ru-107



129

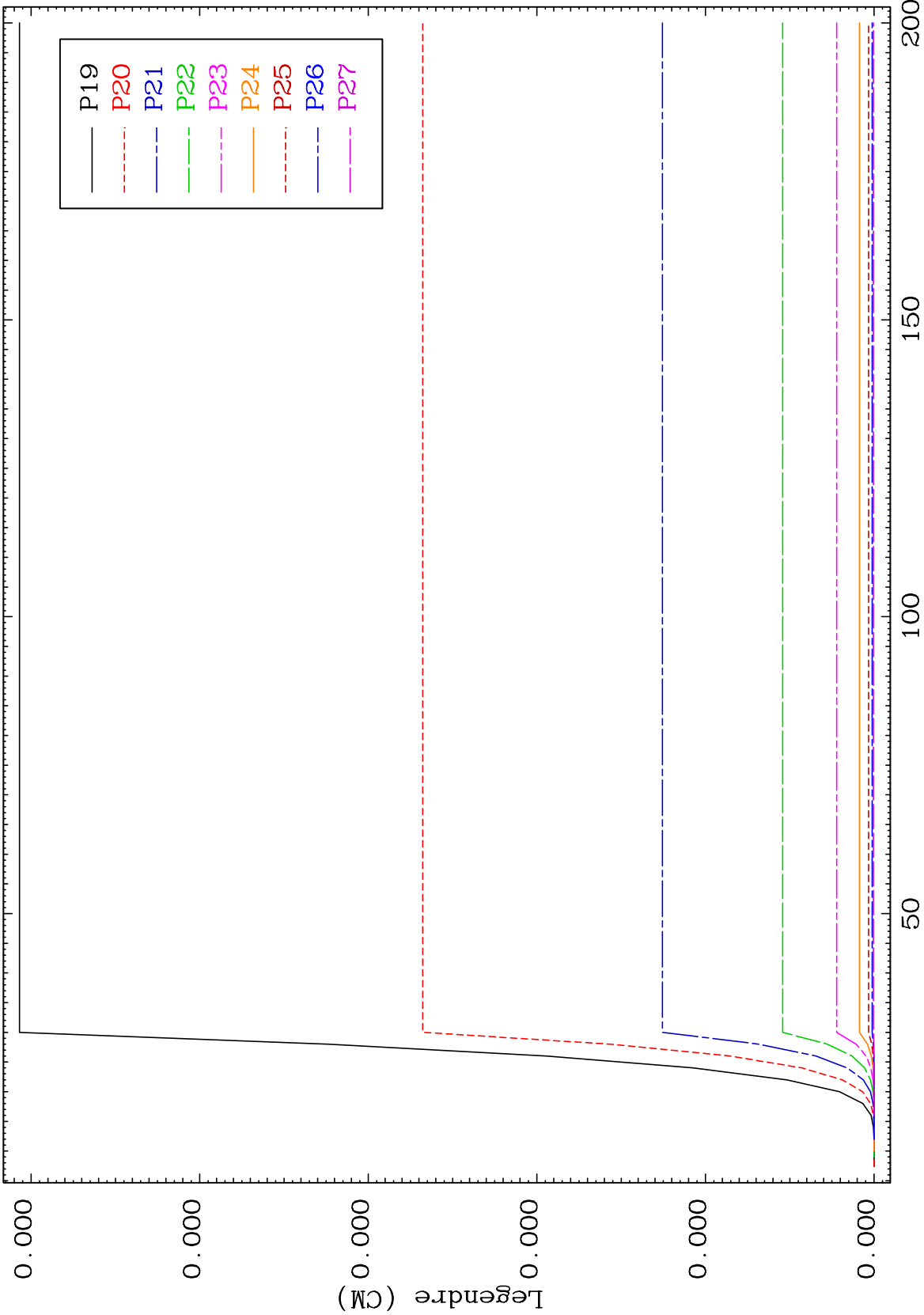
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



130

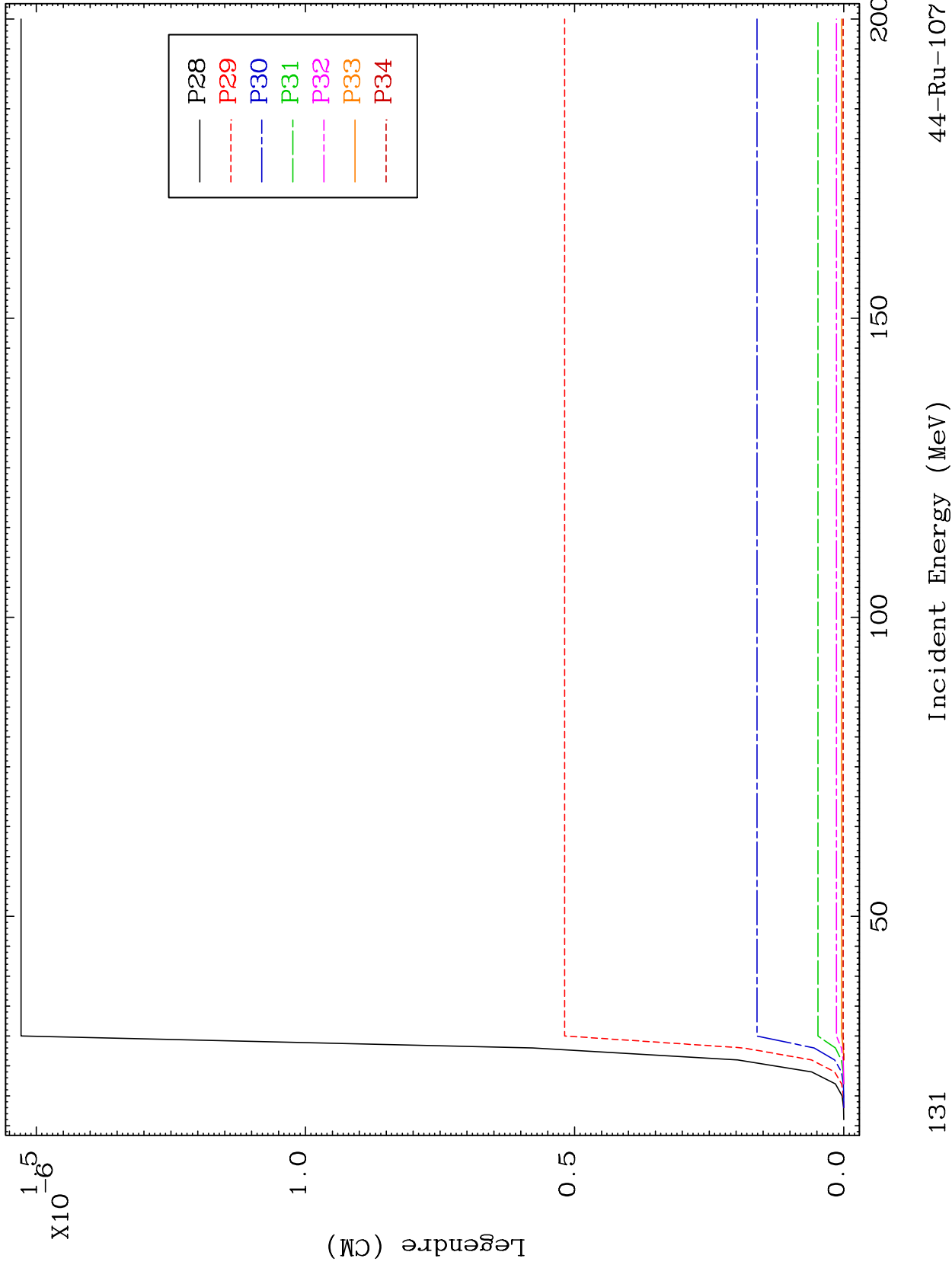
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107

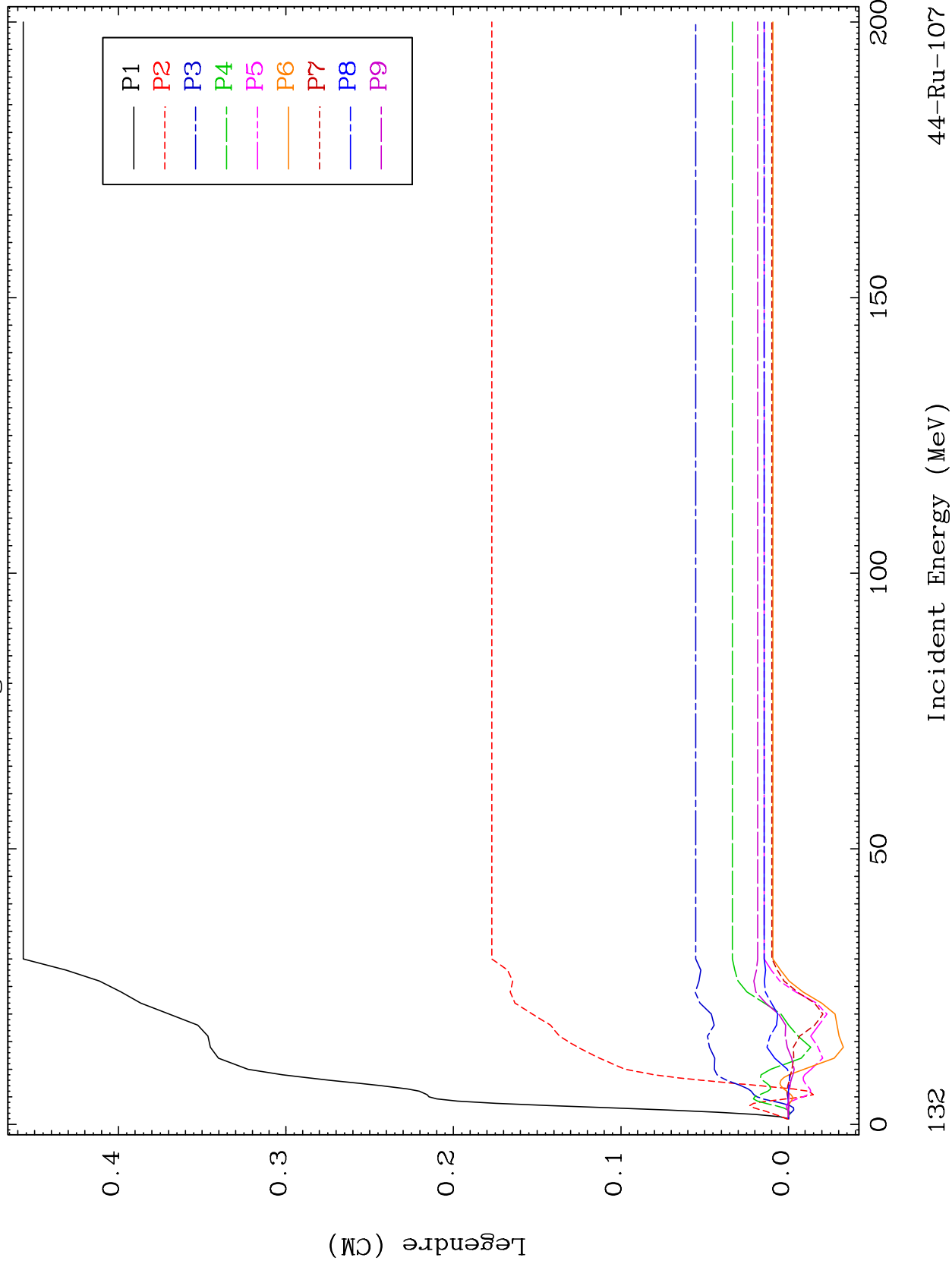


131

MAT 4458

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

44-Ru-107



44-Ru-107

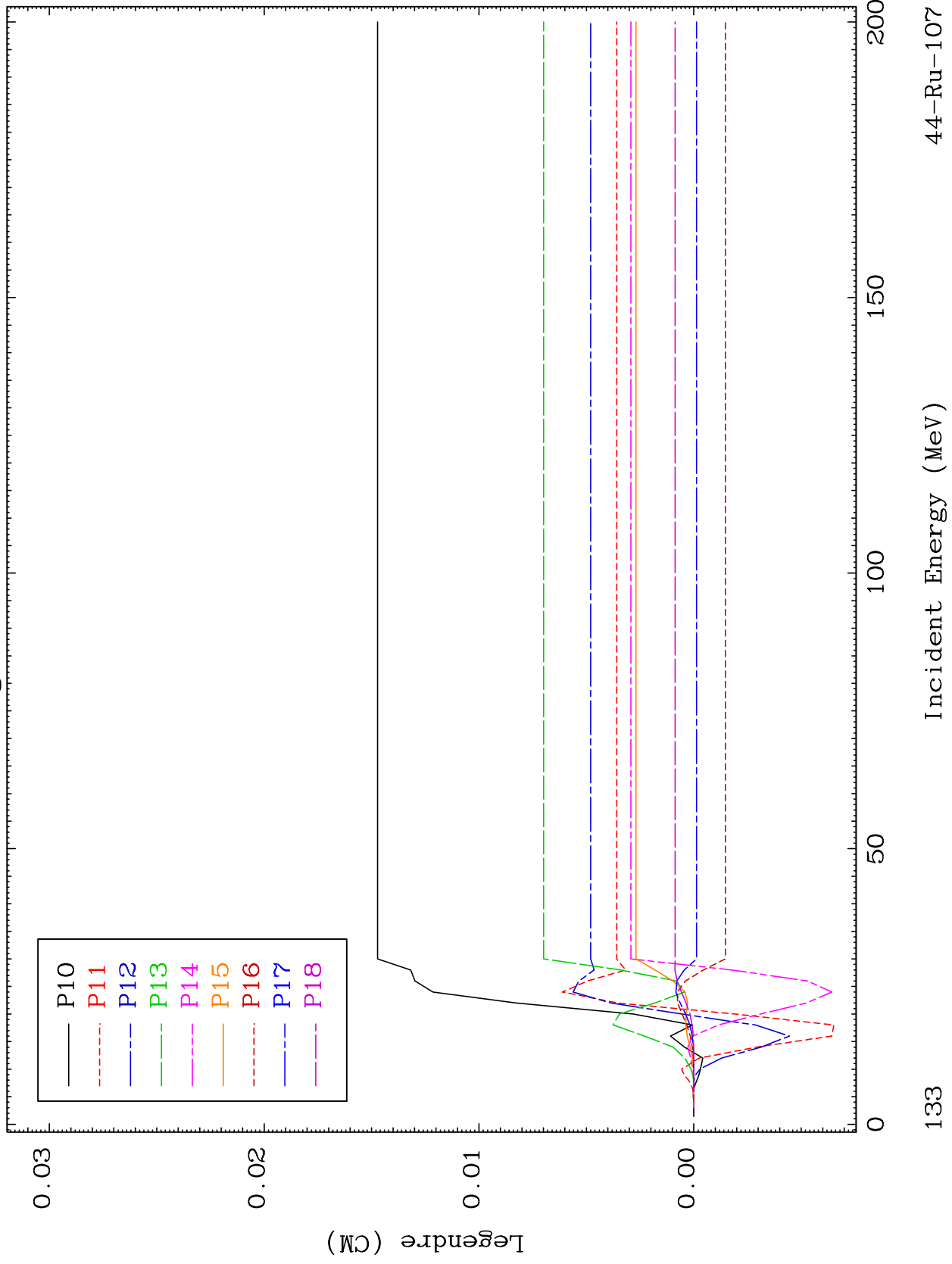
Incident Energy (MeV)

132

MAT 4458

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

44-Ru-107



44-Ru-107

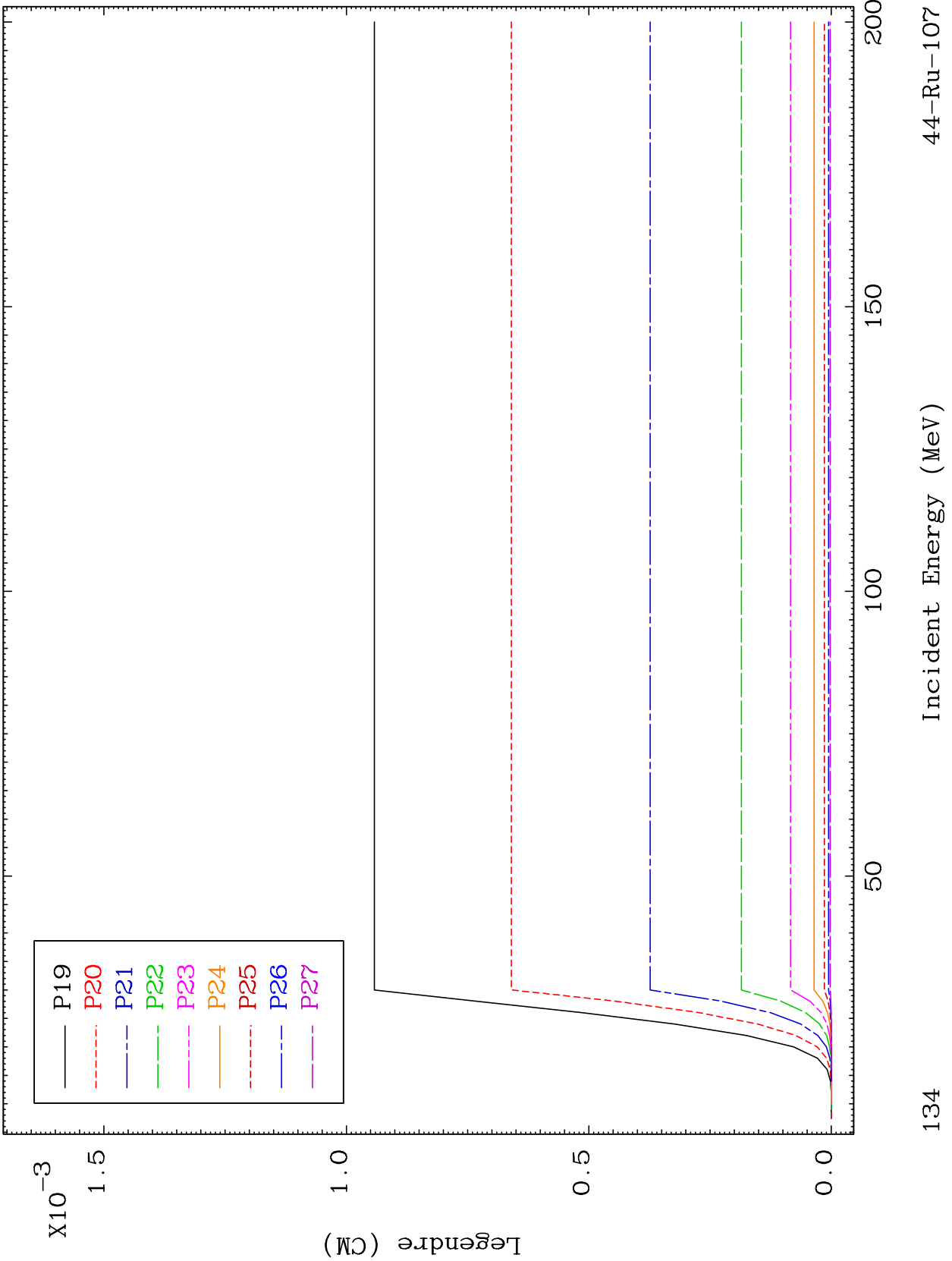
Incident Energy (MeV)

133

MAT 4458

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

44-Ru-107



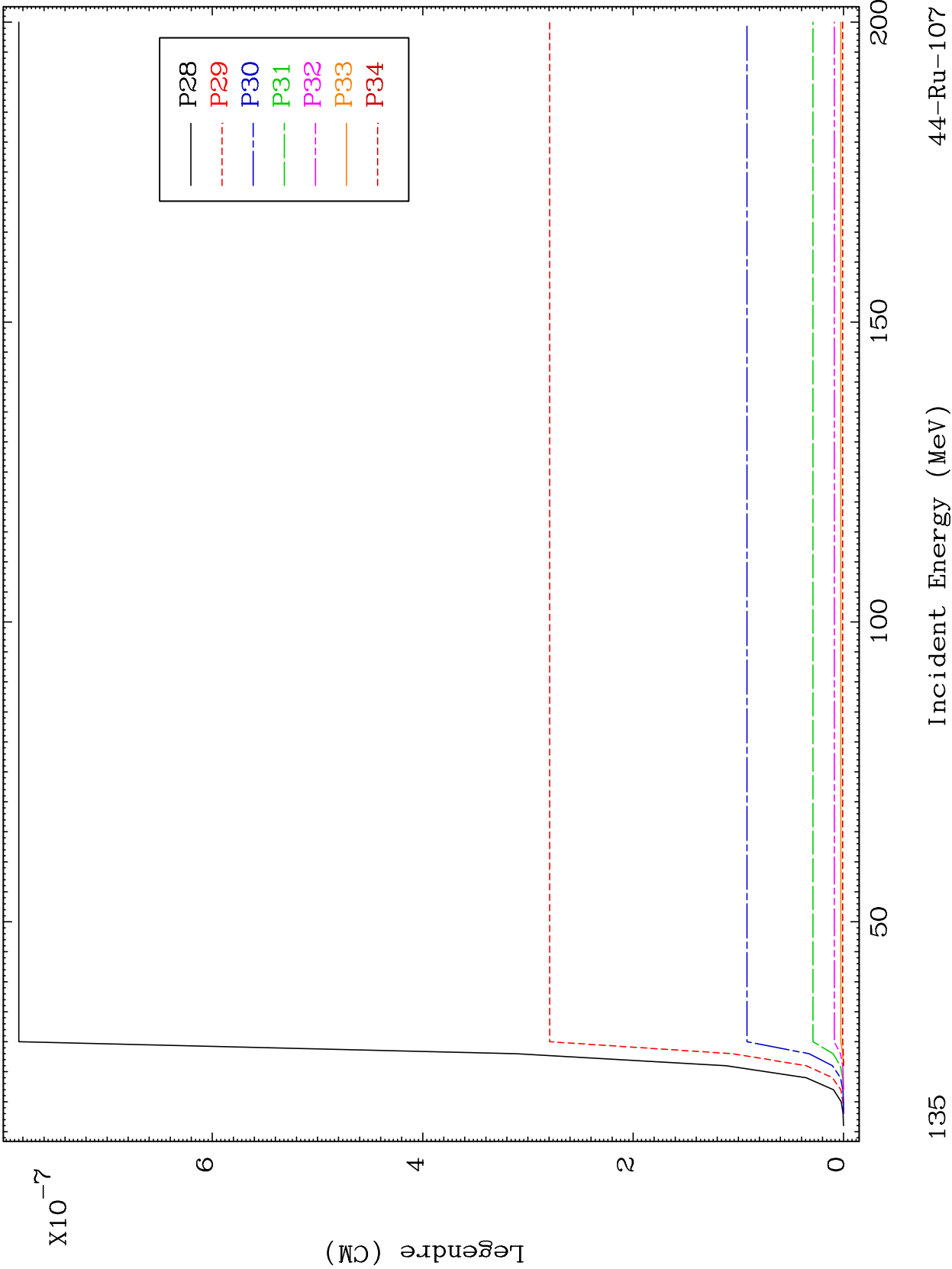
134

44-Ru-107

MAT 4458

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

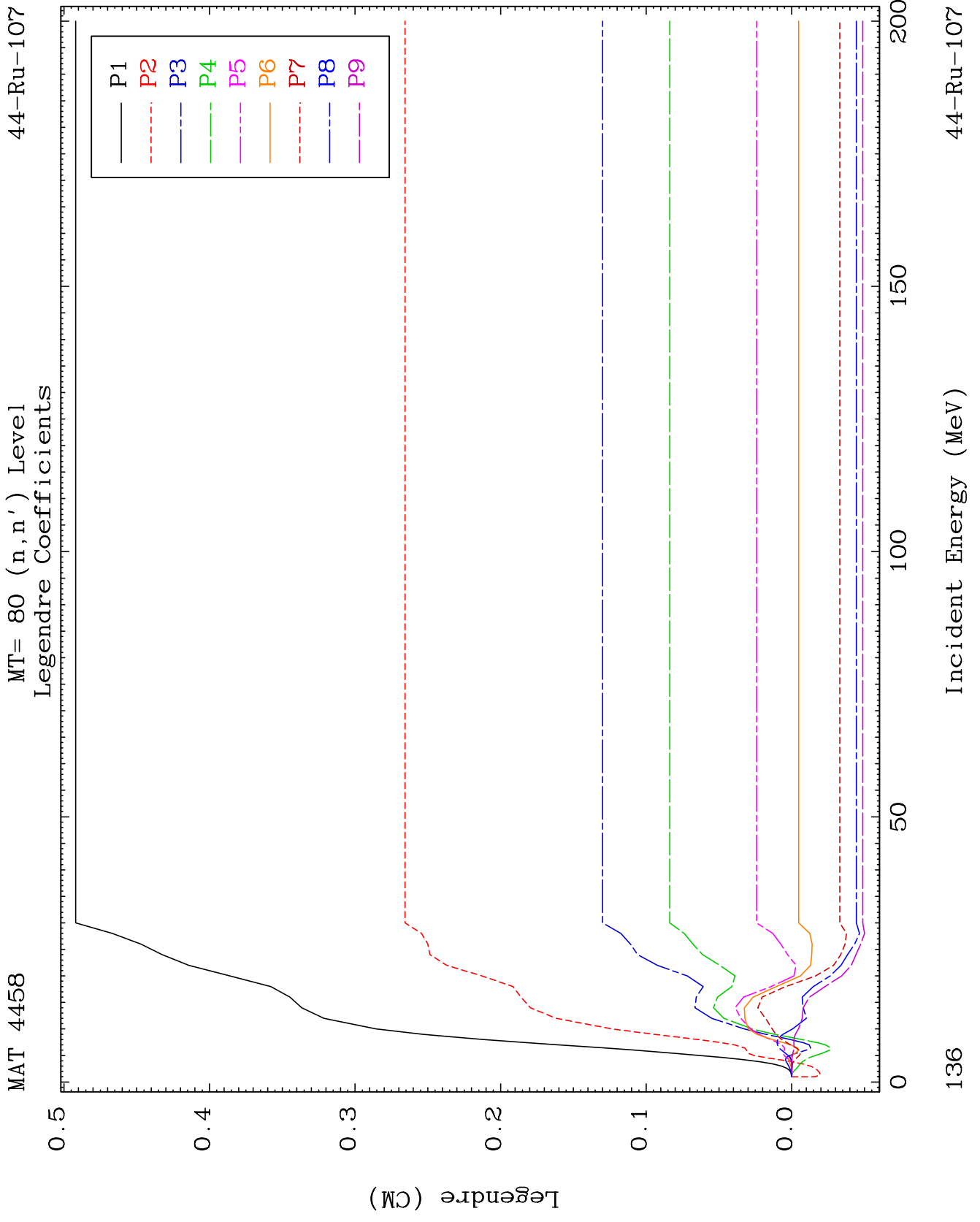
44-Ru-107



44-Ru-107

Incident Energy (MeV)

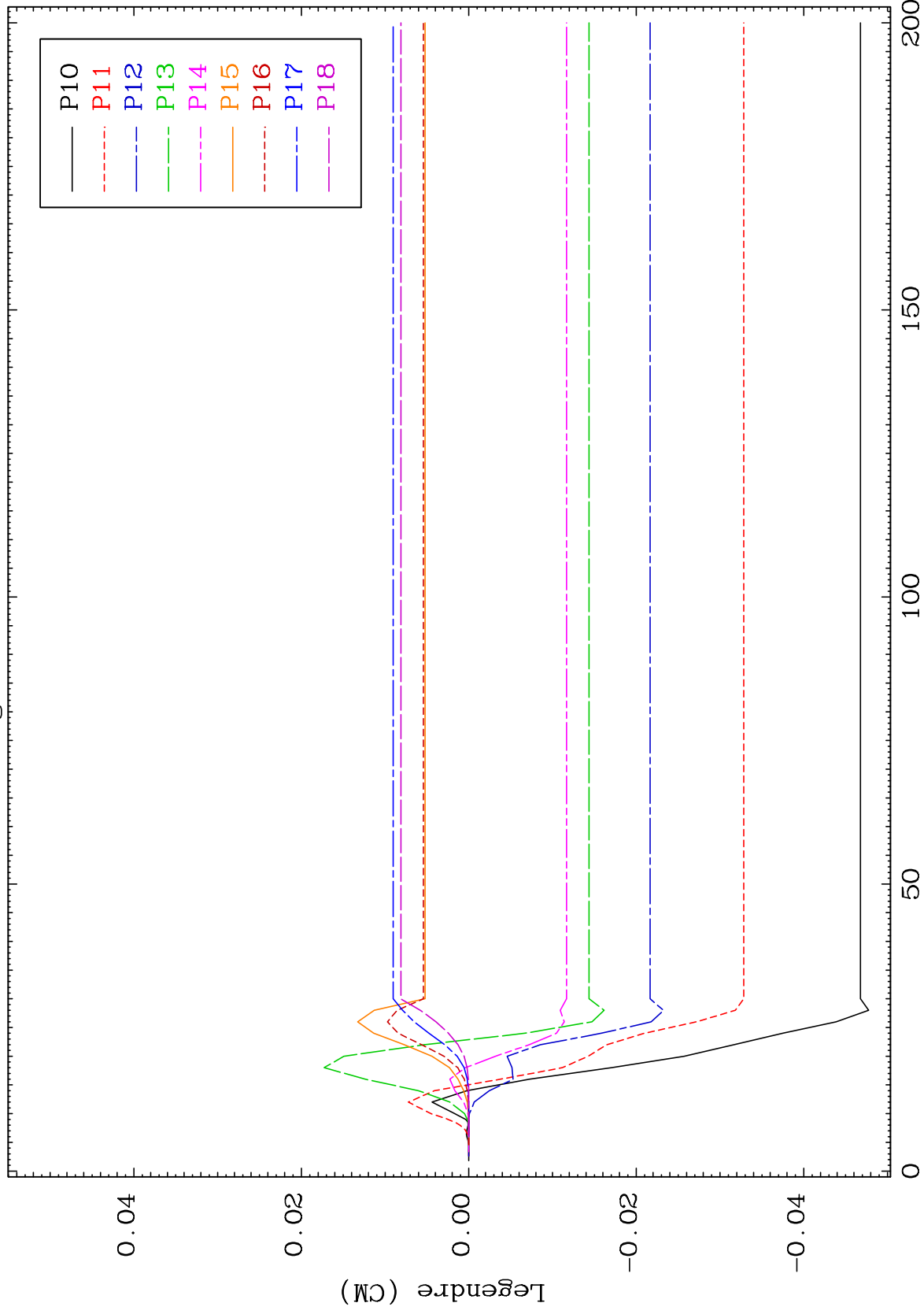
135



MAT 4458

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

44-Ru-107



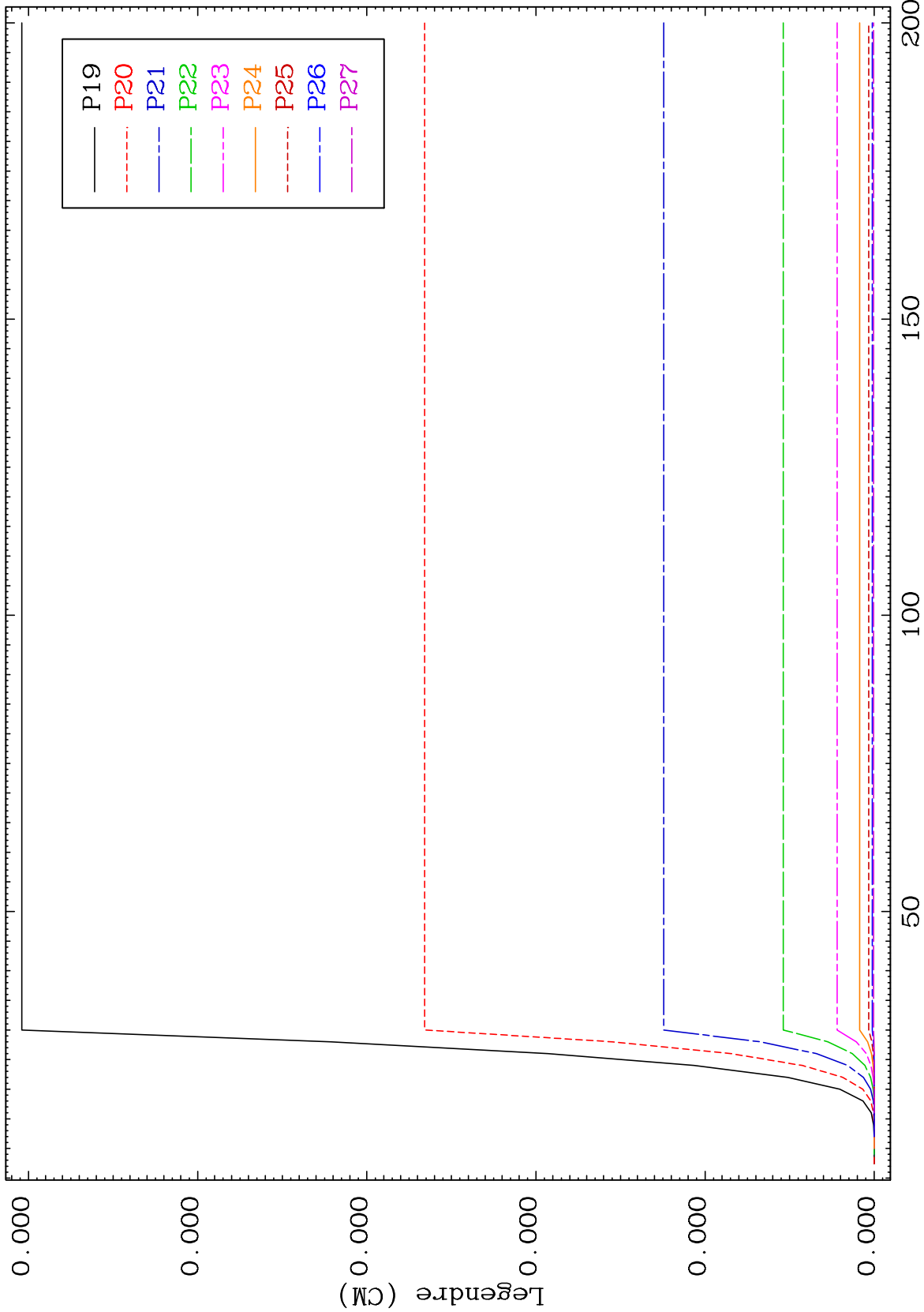
137

44-Ru-107

MAT 4458

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

44-Ru-107



138

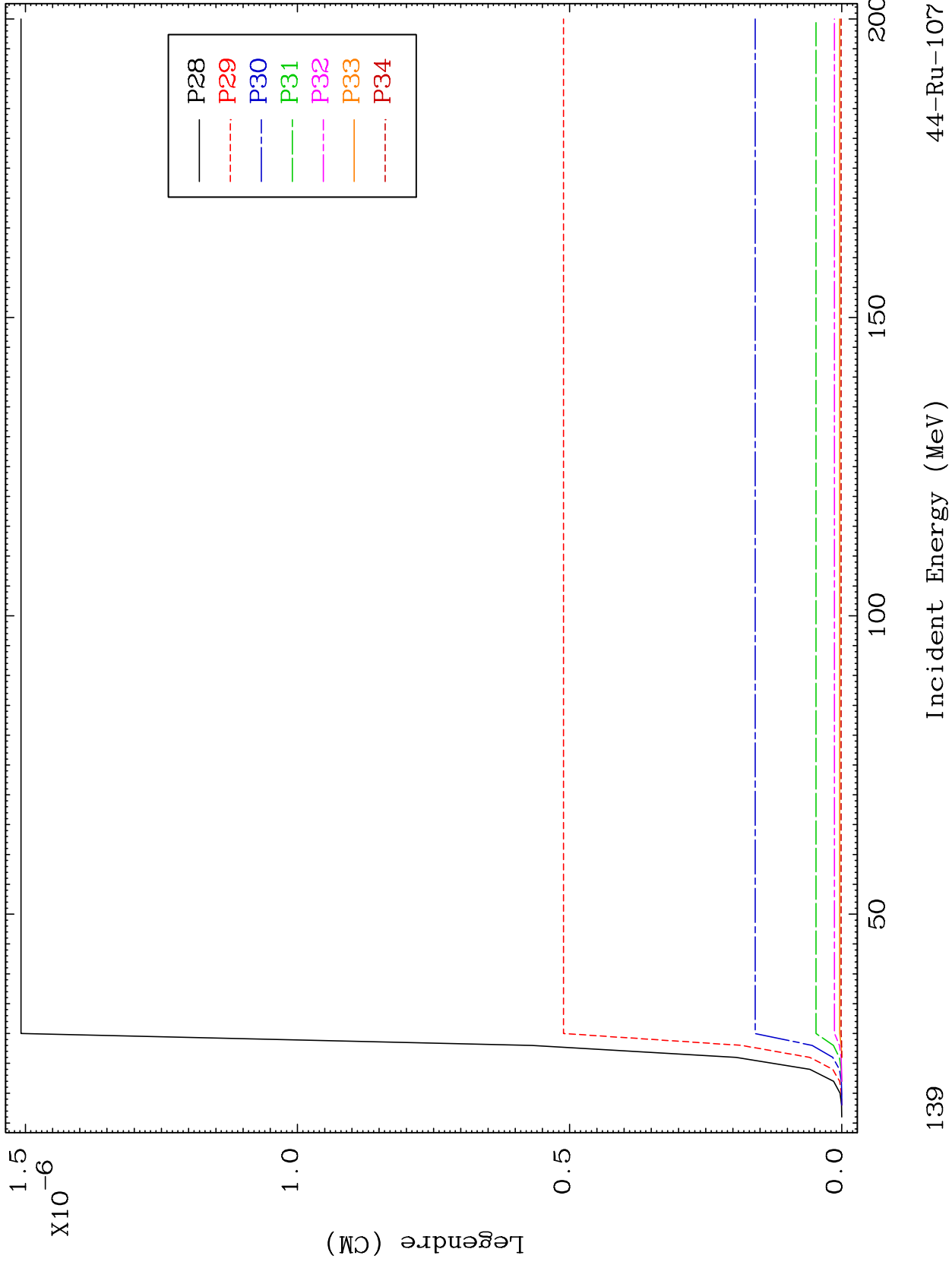
Incident Energy (MeV)

44-Ru-107

MAT 4458

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

44-Ru-107



139