

Program EVALPLOT
(Version 2018-1)

by

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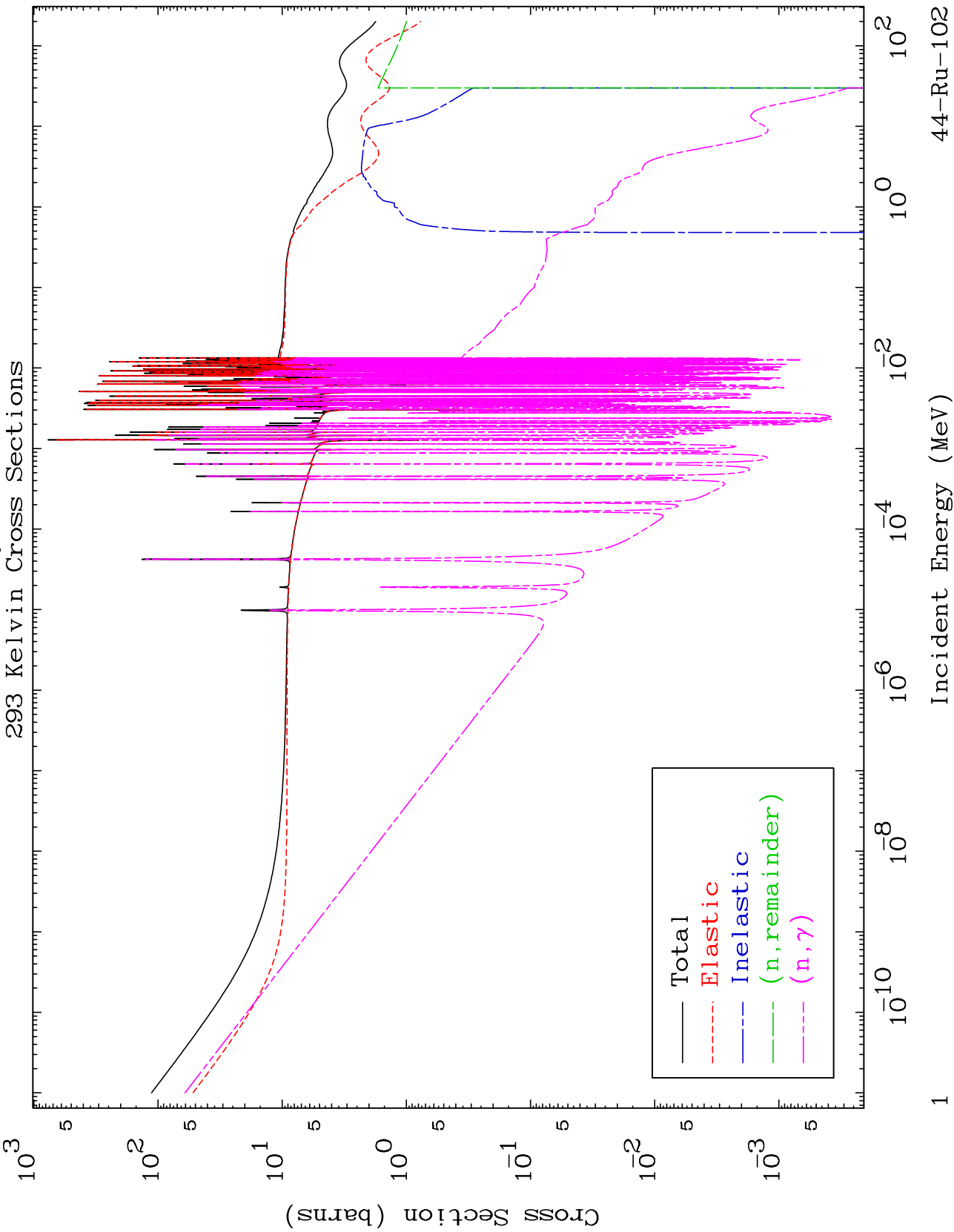
Press Mouse Button to Start

MAT 4443

Major

293 Kelvin Cross Sections

44-Ru-102



1

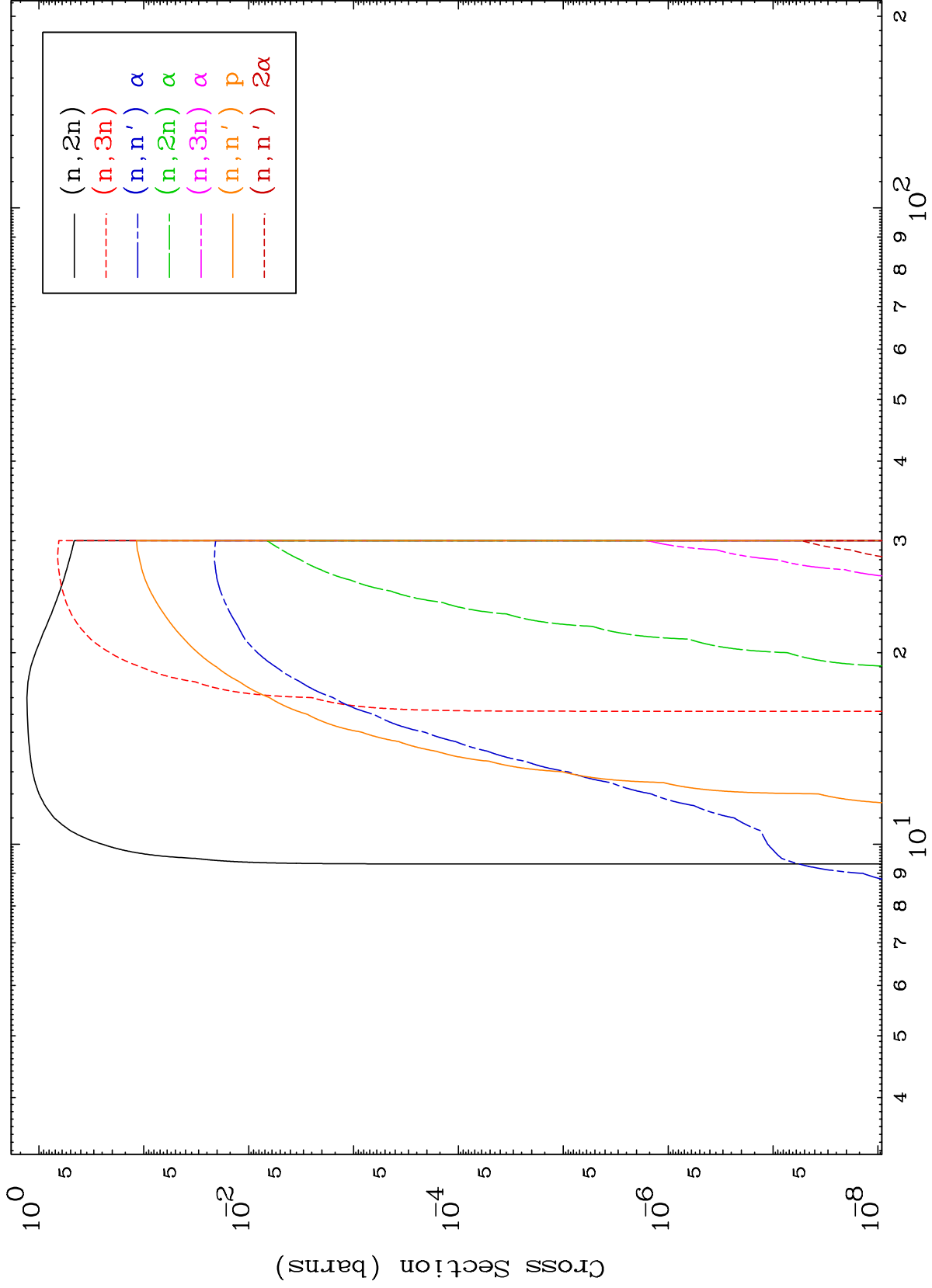
Incident Energy (MeV)

44-Ru-102

MAT 4443

Neutron Production
293 Kelvin Cross Sections

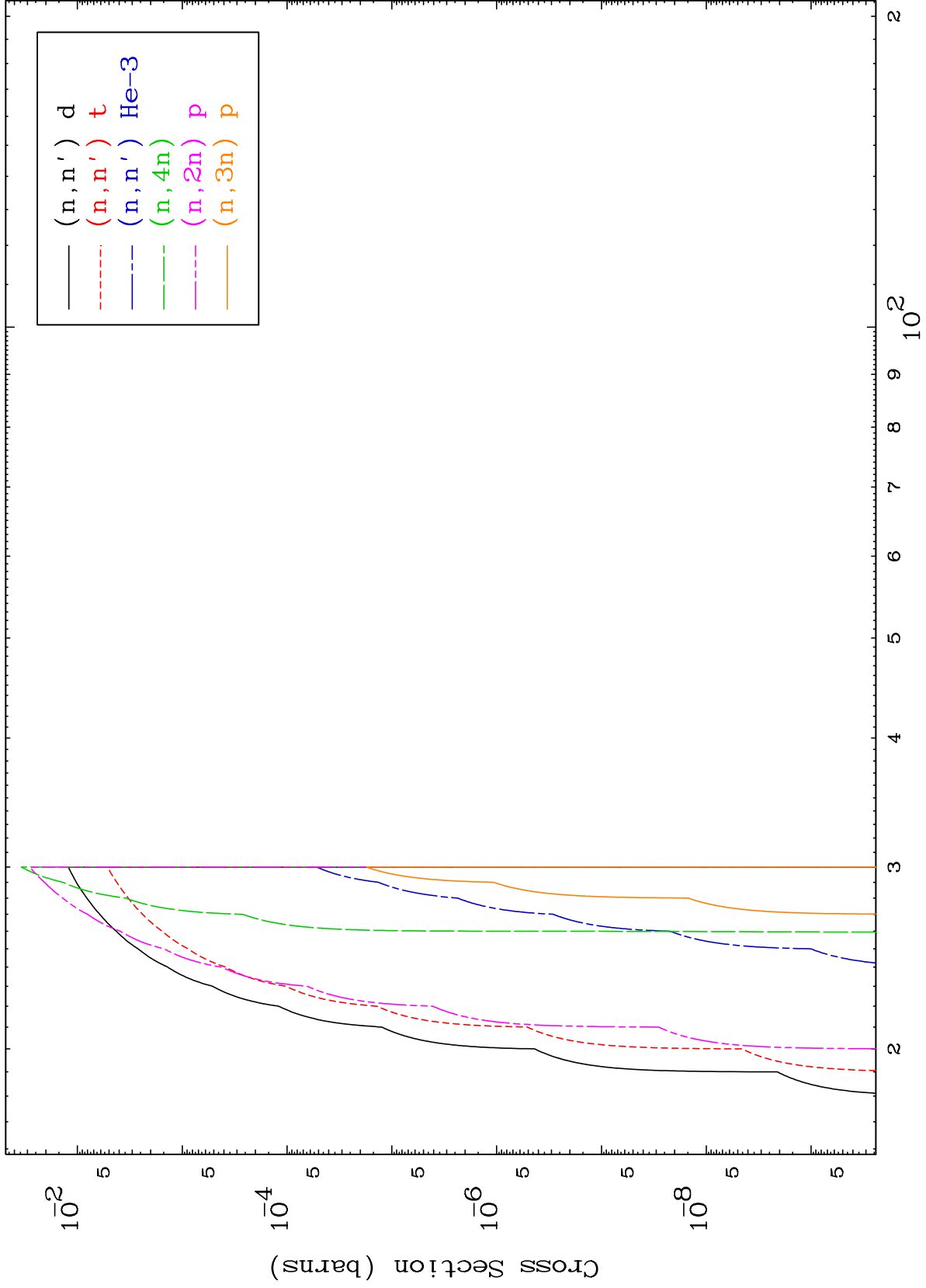
44-Ru-102

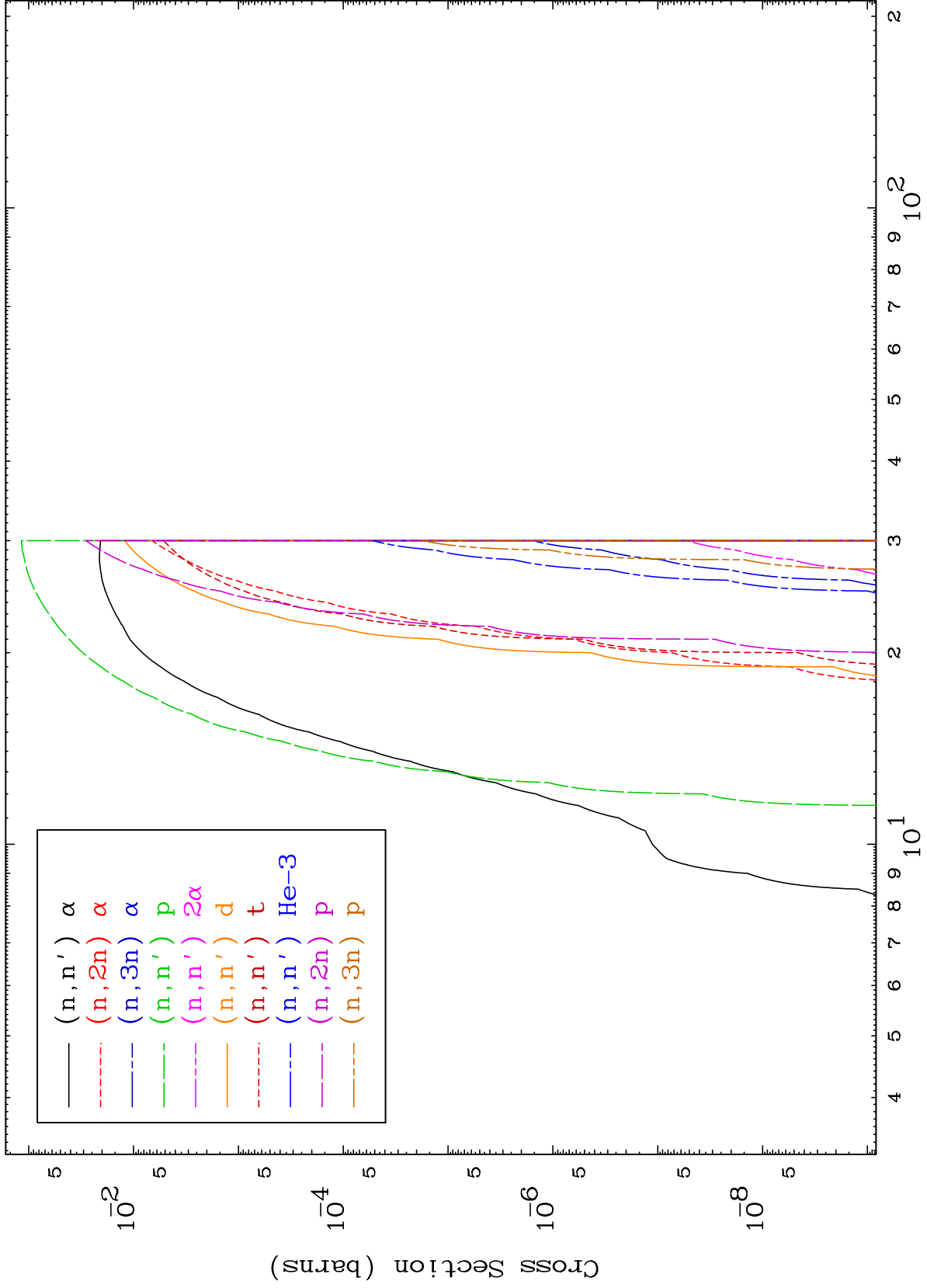


2

Incident Energy (MeV)

44-Ru-102

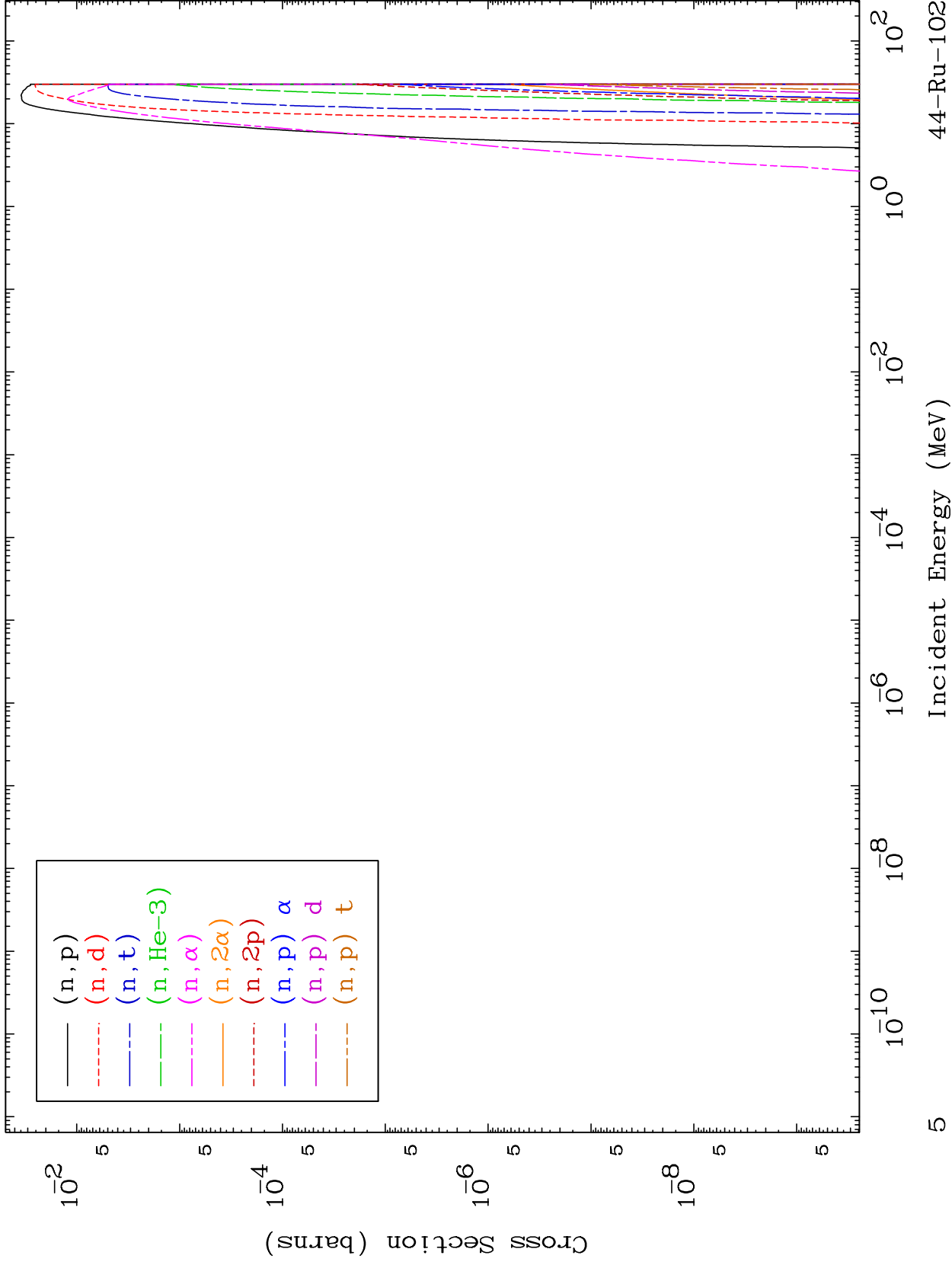




MAT 4443

Charged Particle
293 Kelvin Cross Sections

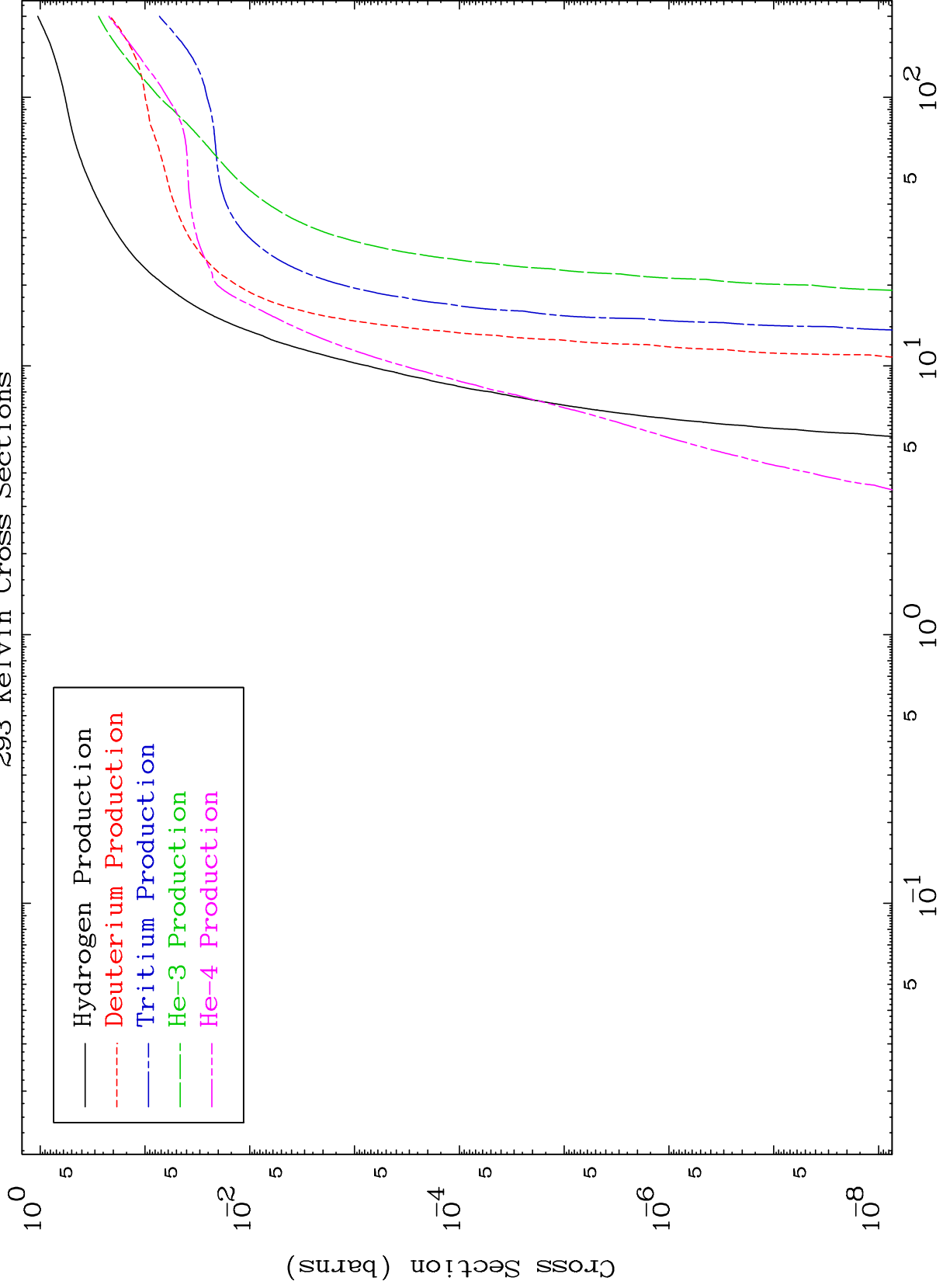
44-Ru-102



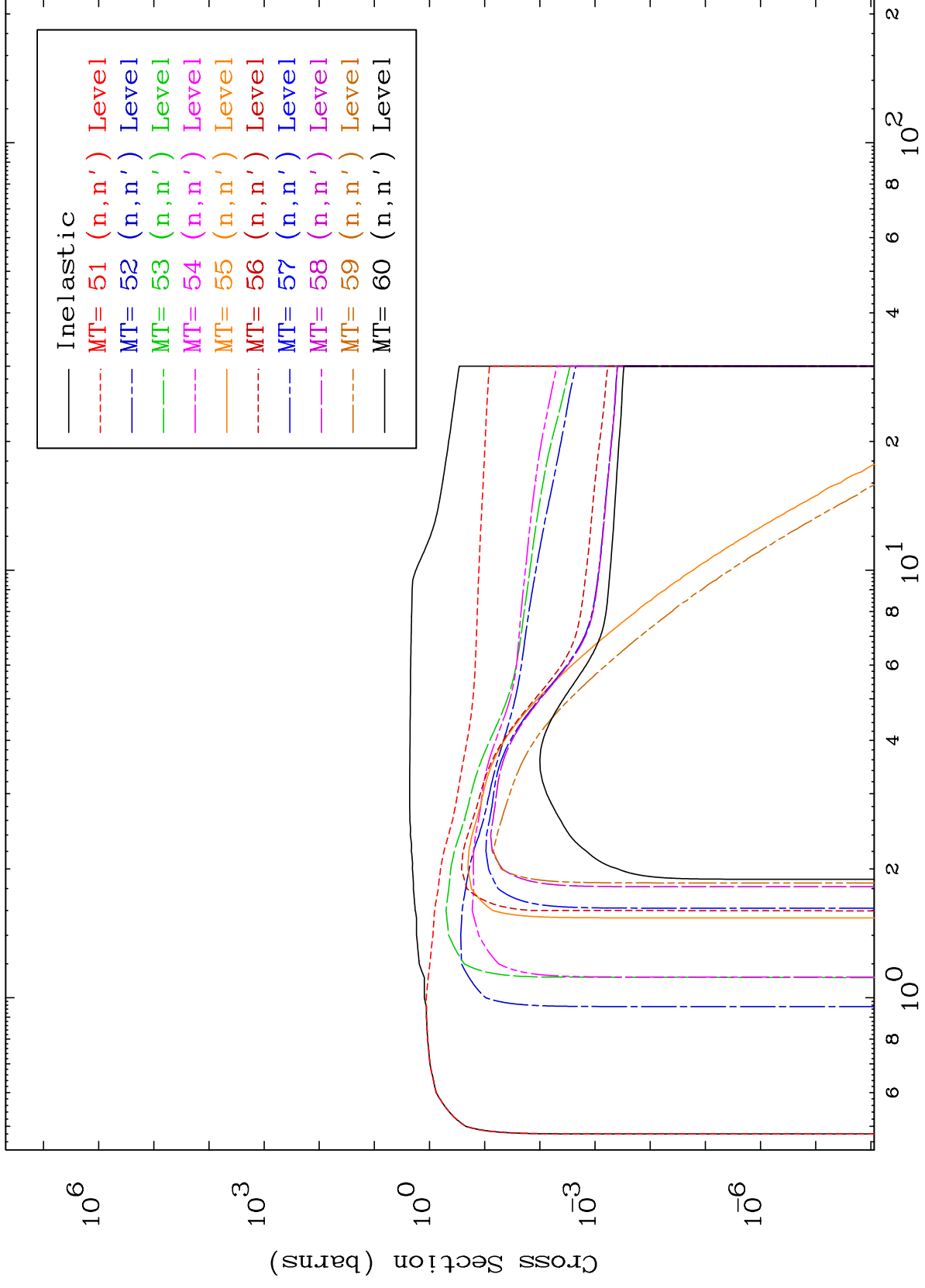
MAT 4443

Particle Production
293 Kelvin Cross Sections

44-Ru-102



293 Kelvin Cross Sections

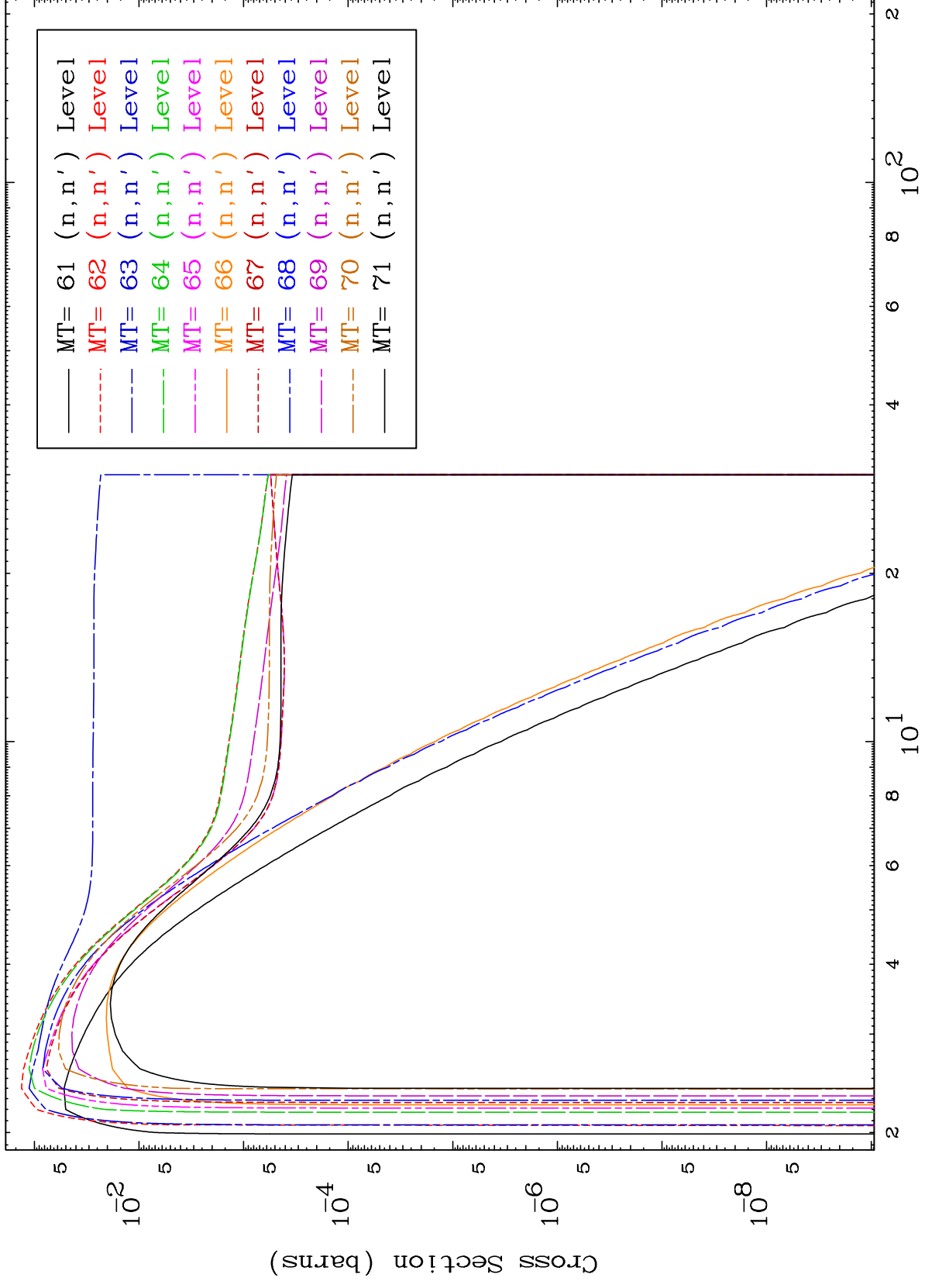


MAT 4443

(n,n') Level

44-Ru-102

293 Kelvin Cross Sections

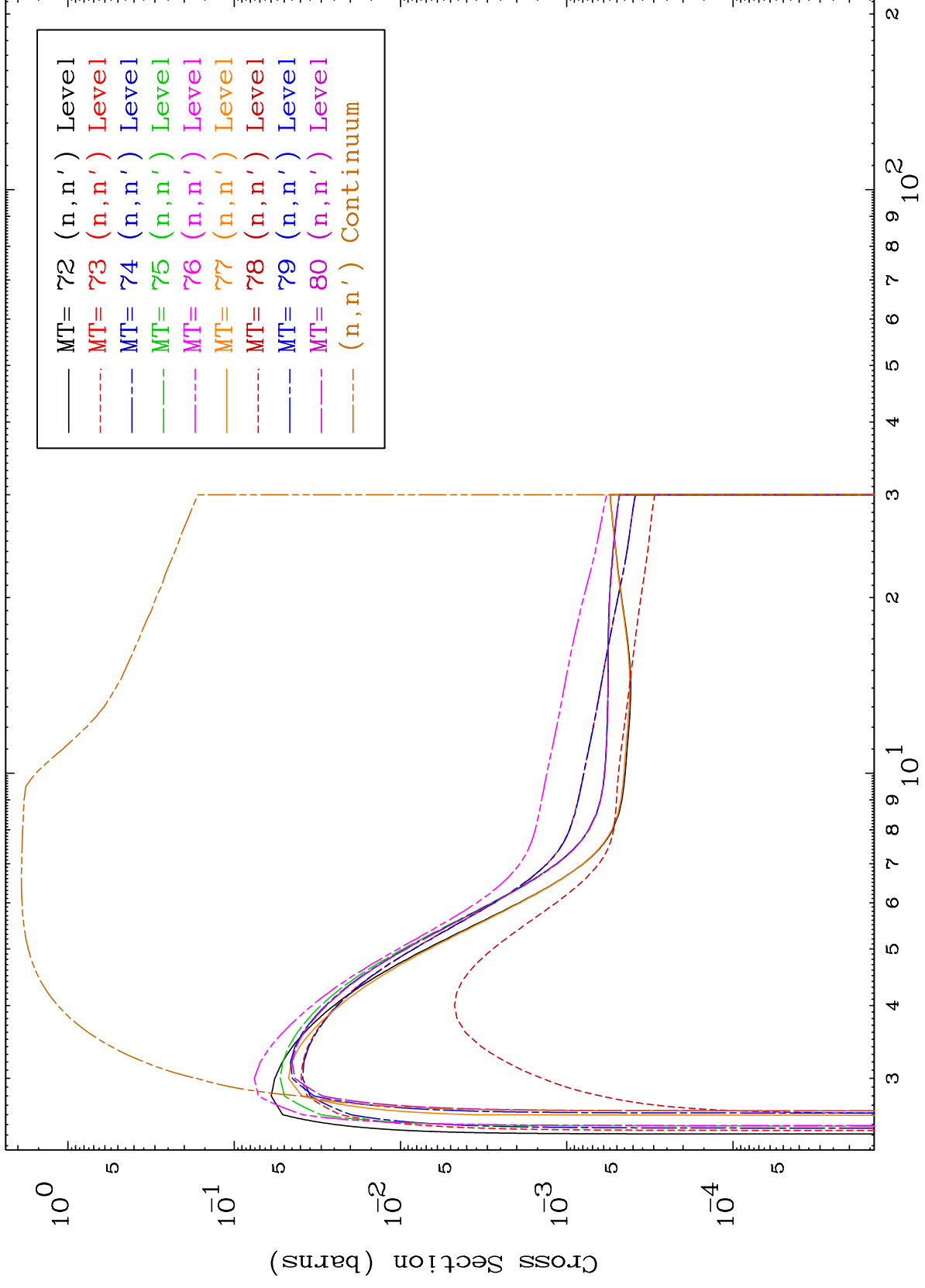


8

Incident Energy (MeV)

44-Ru-102

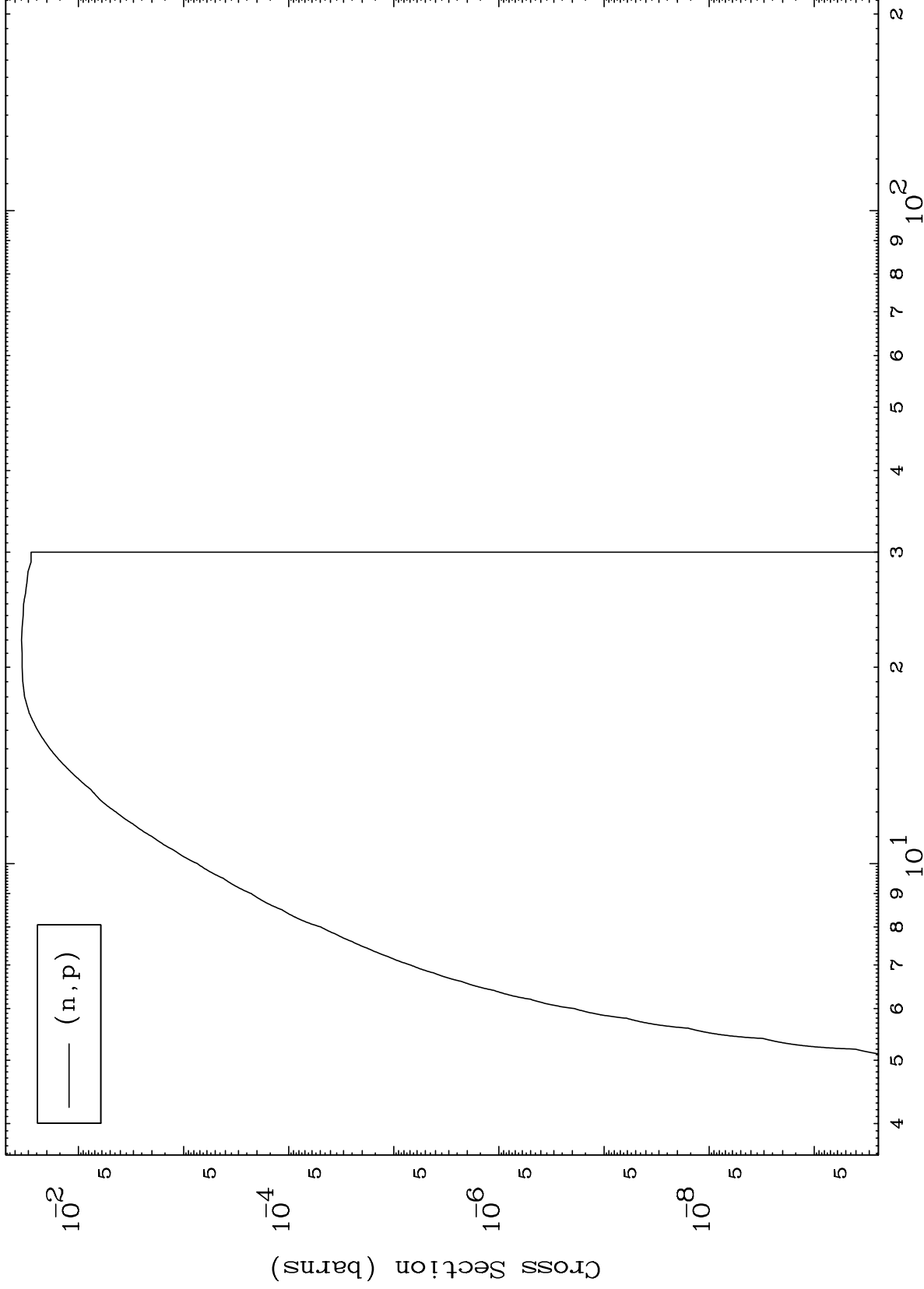
293 Kelvin Cross Sections



MAT 4443

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-102



10

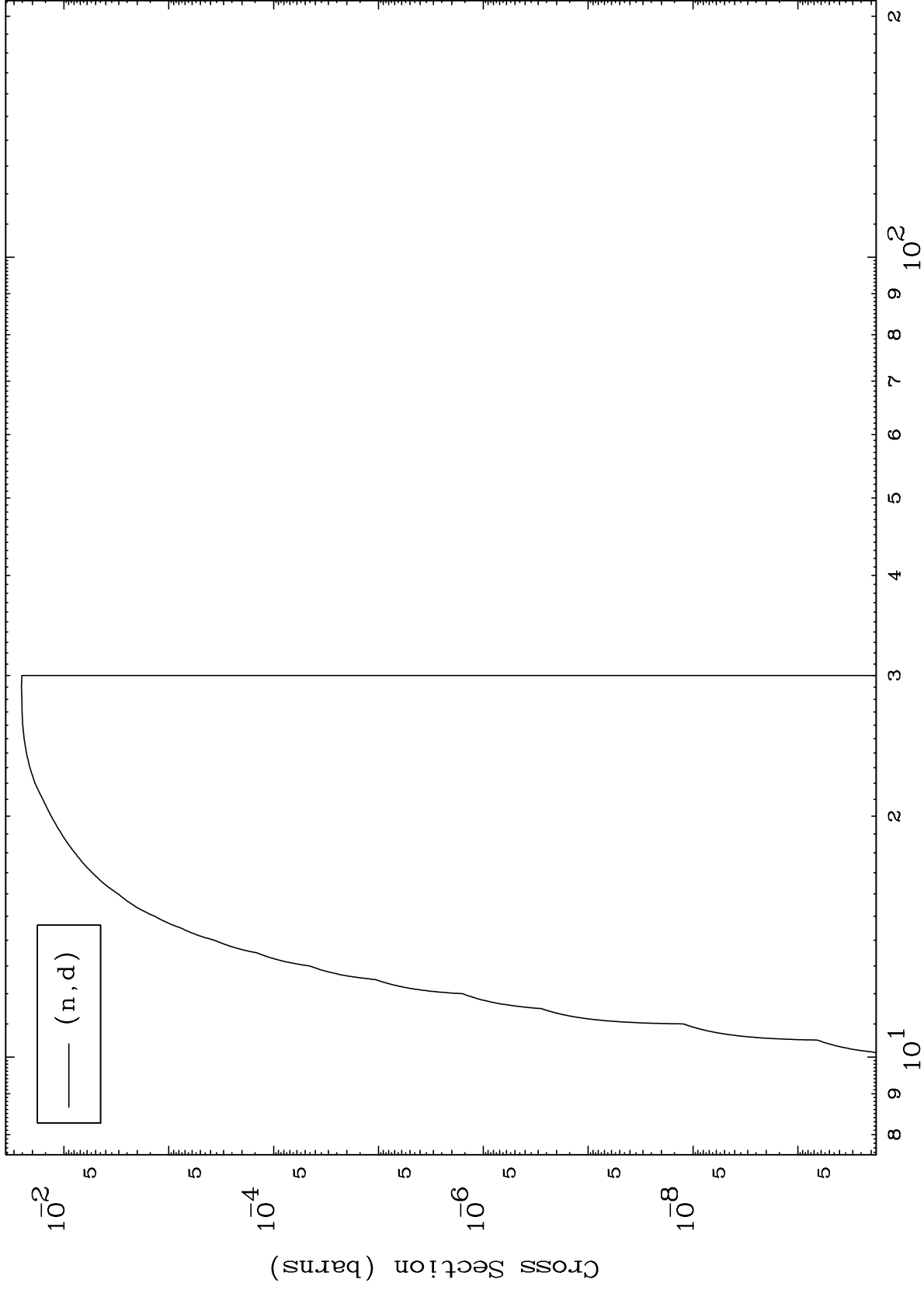
Incident Energy (MeV)

44-Ru-102

MAT 4443

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-102



11

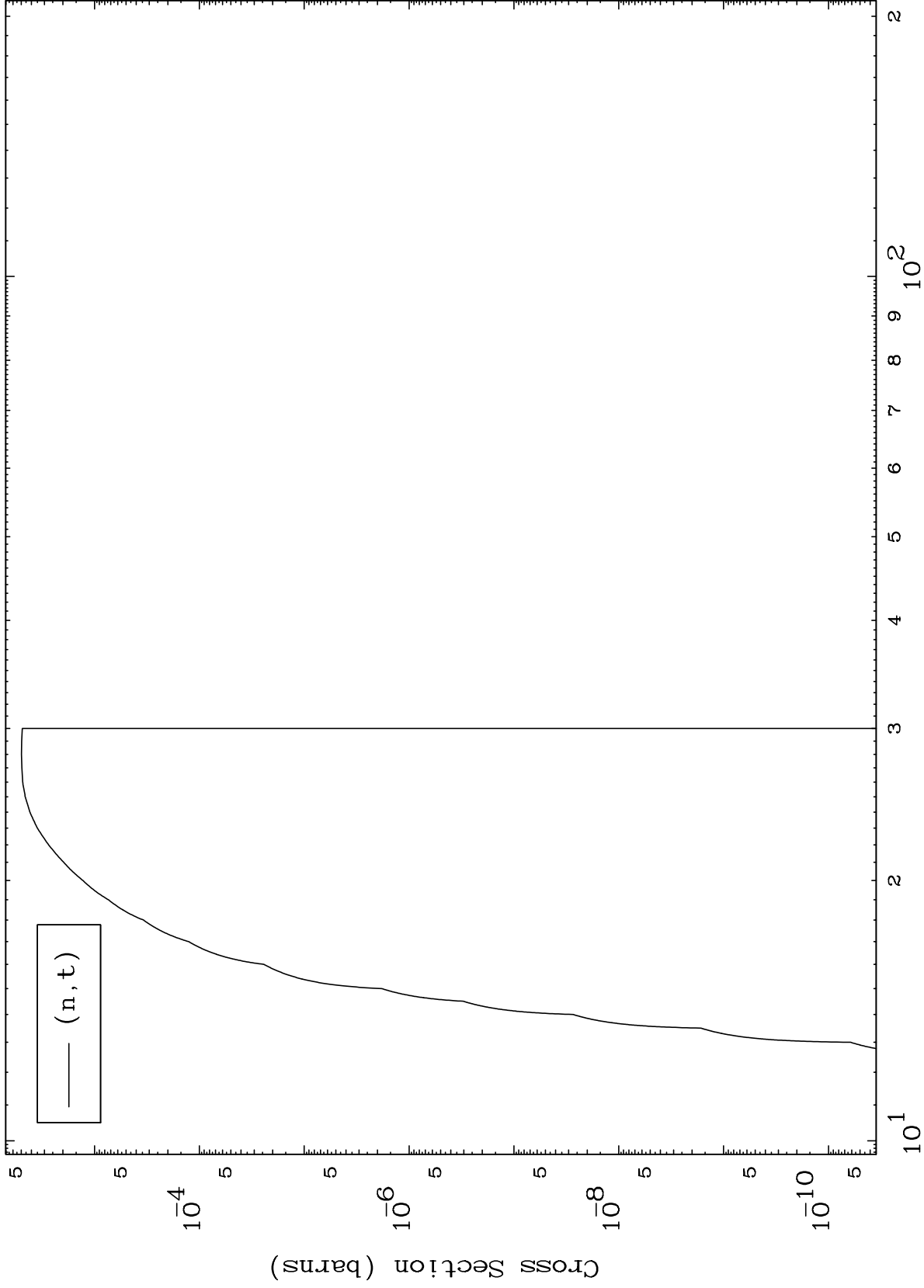
Incident Energy (MeV)

44-Ru-102

MAT 4443

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-102



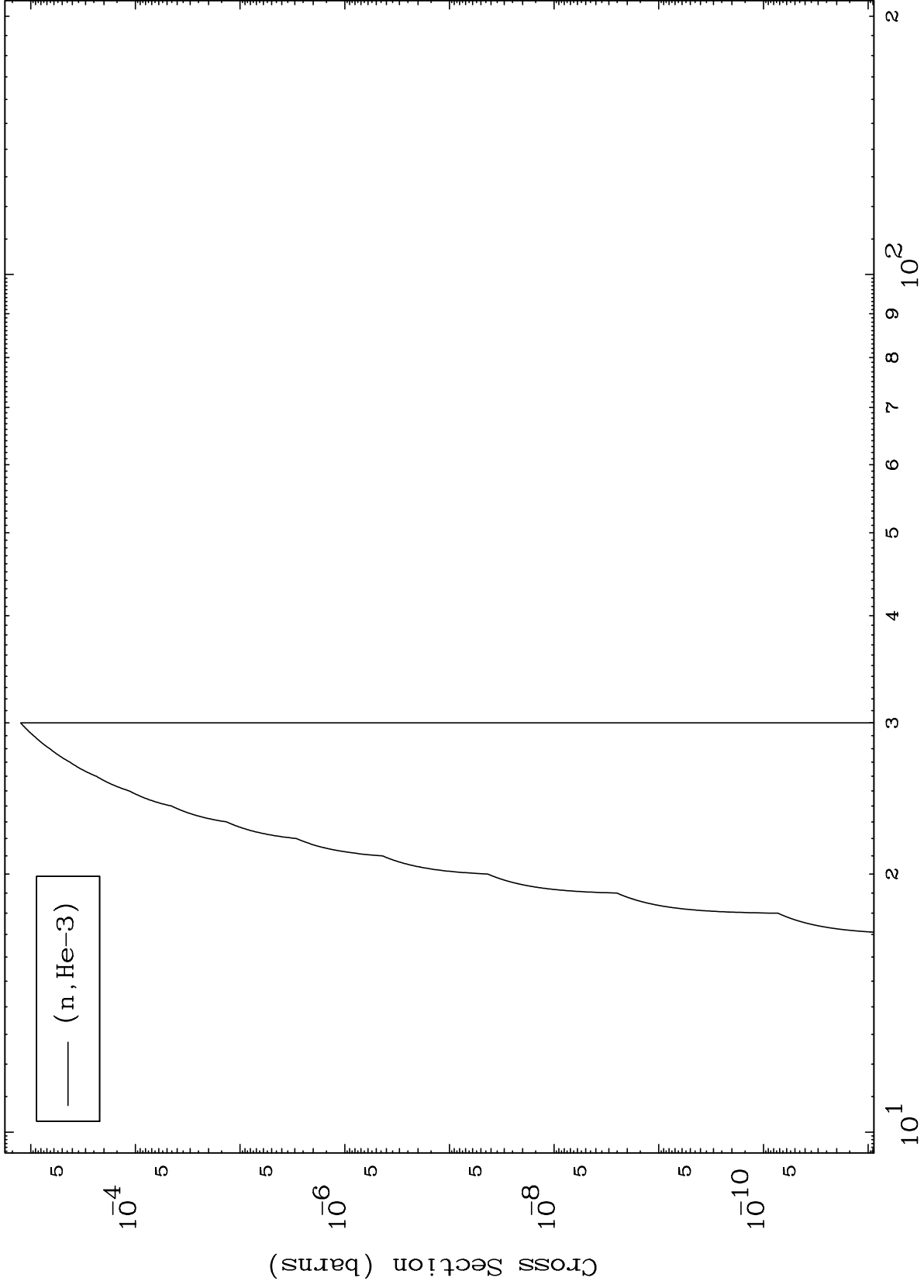
Incident Energy (MeV)

44-Ru-102

MAT 4443

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-102



13

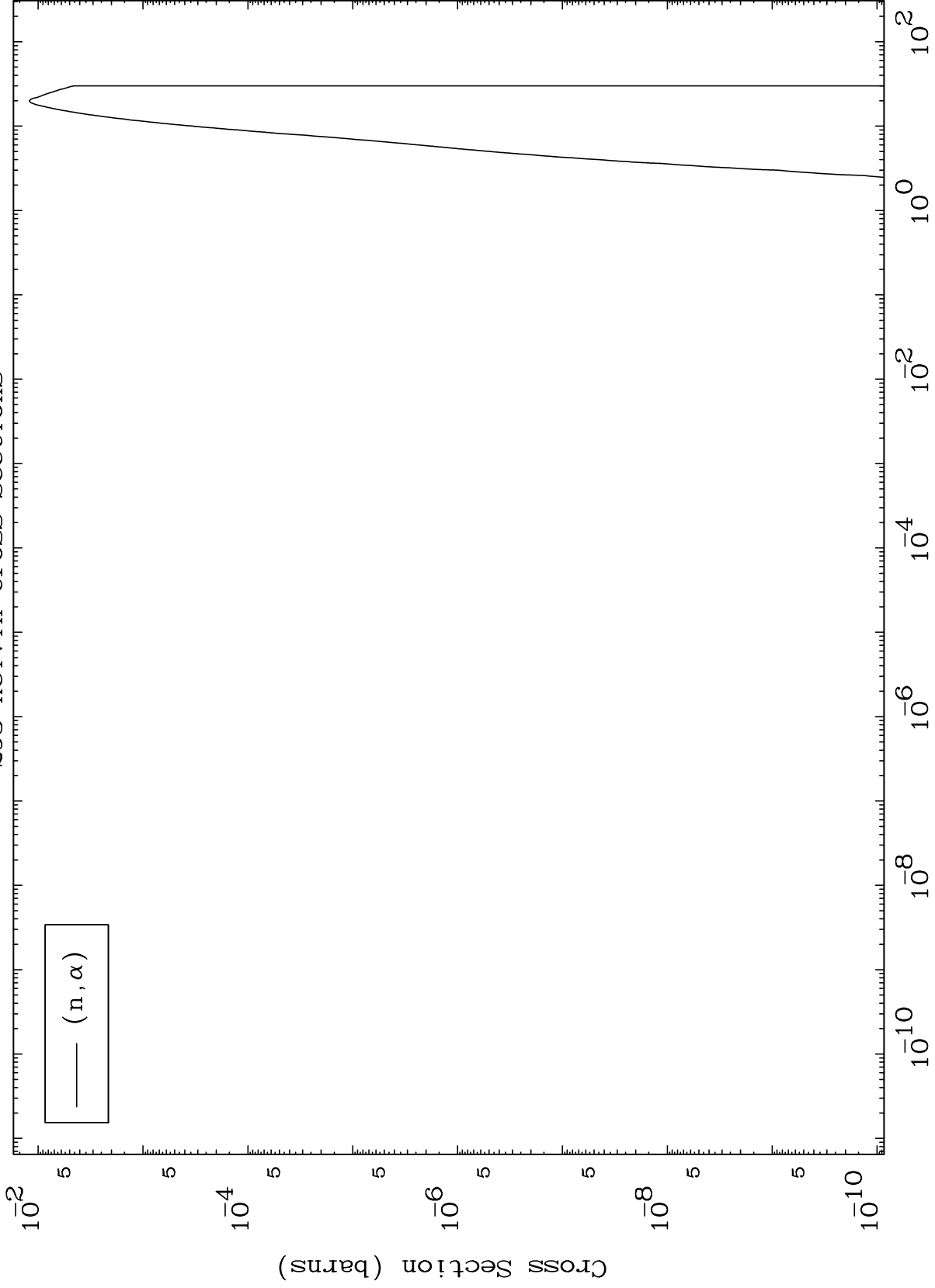
Incident Energy (MeV)

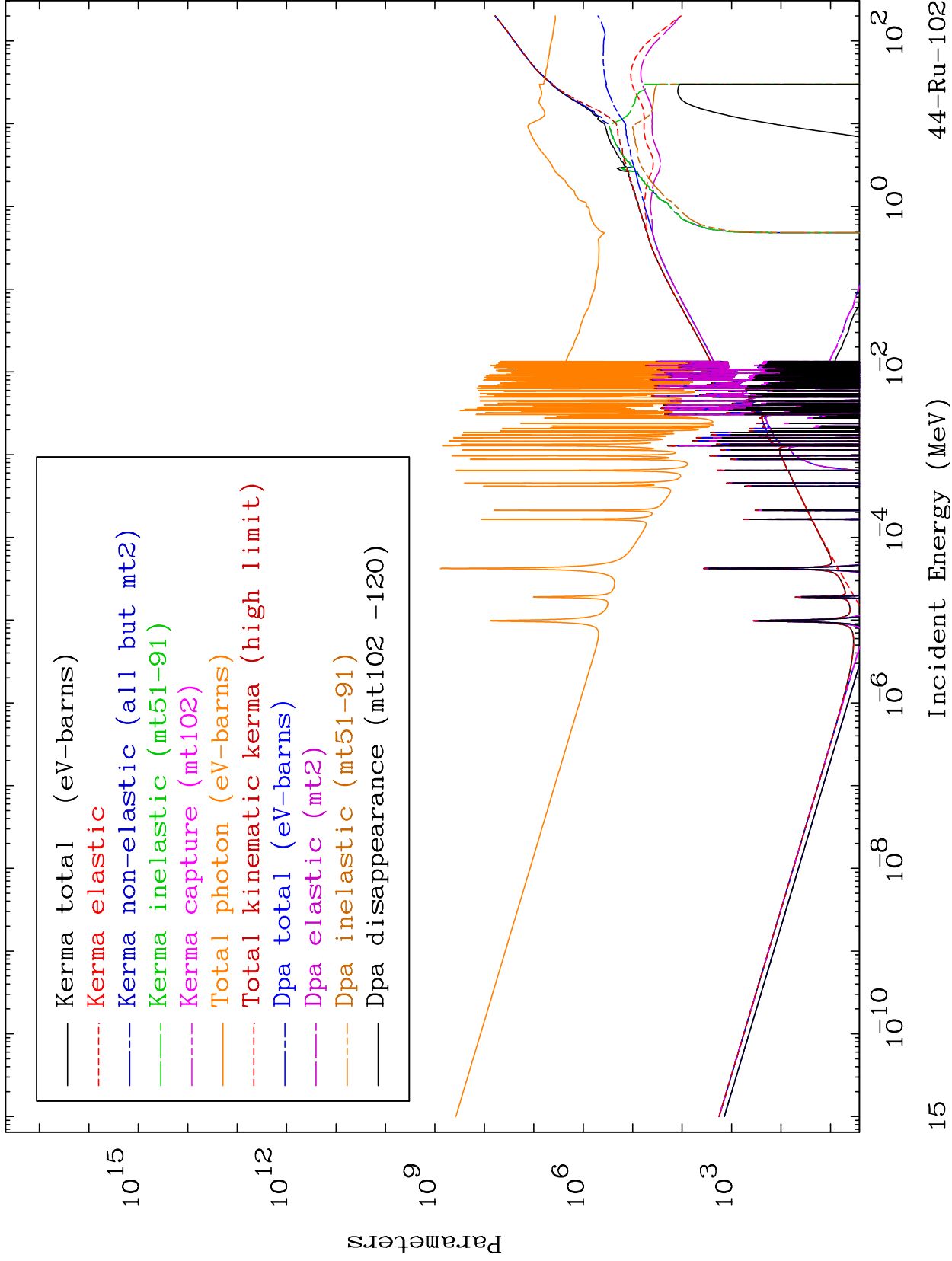
44-Ru-102

MAT 4443

(n, α) Levels
293 Kelvin Cross Sections

44-Ru-102

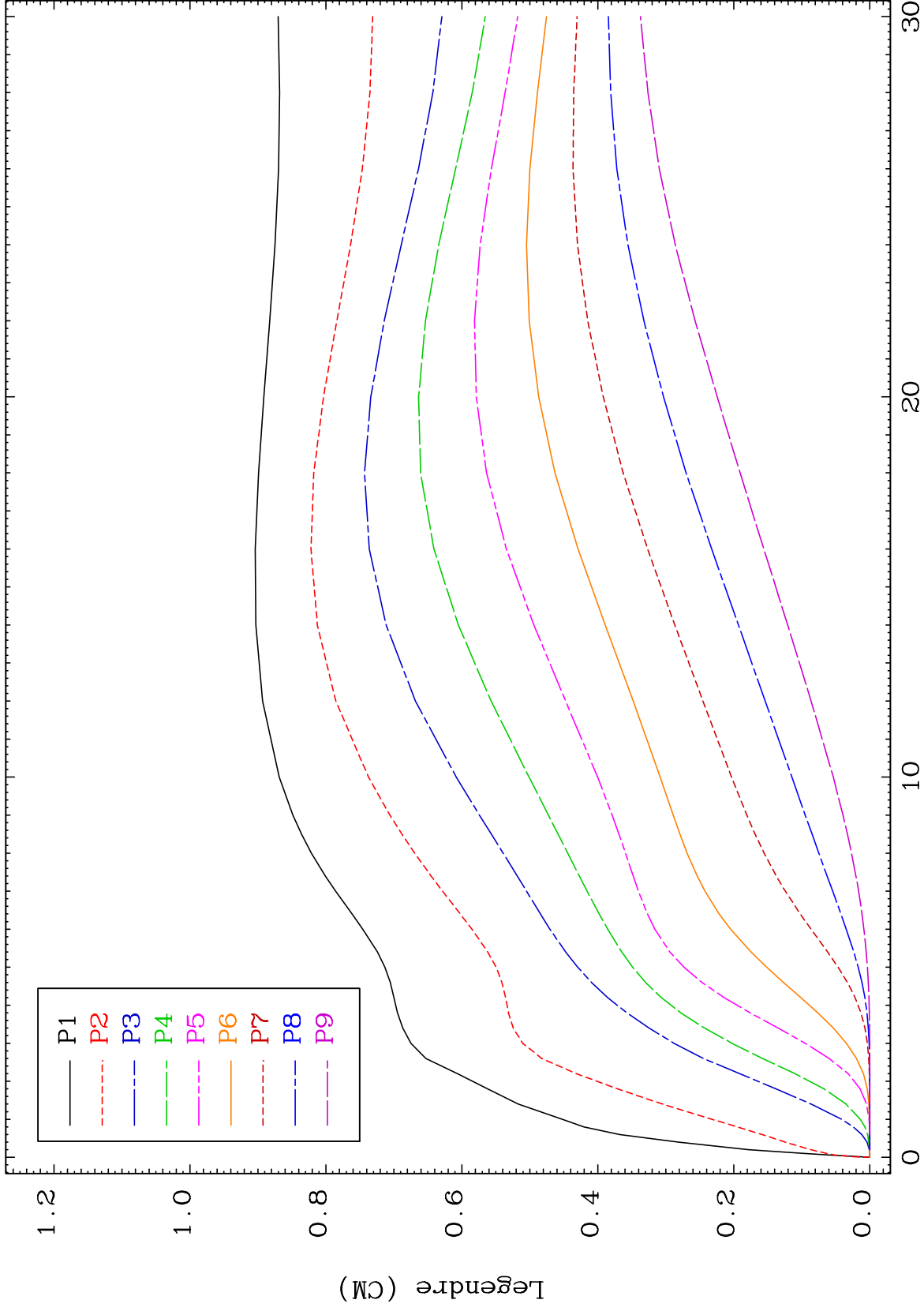




MAT 4443

Elastic Legendre Coefficients

44-Ru-102



16

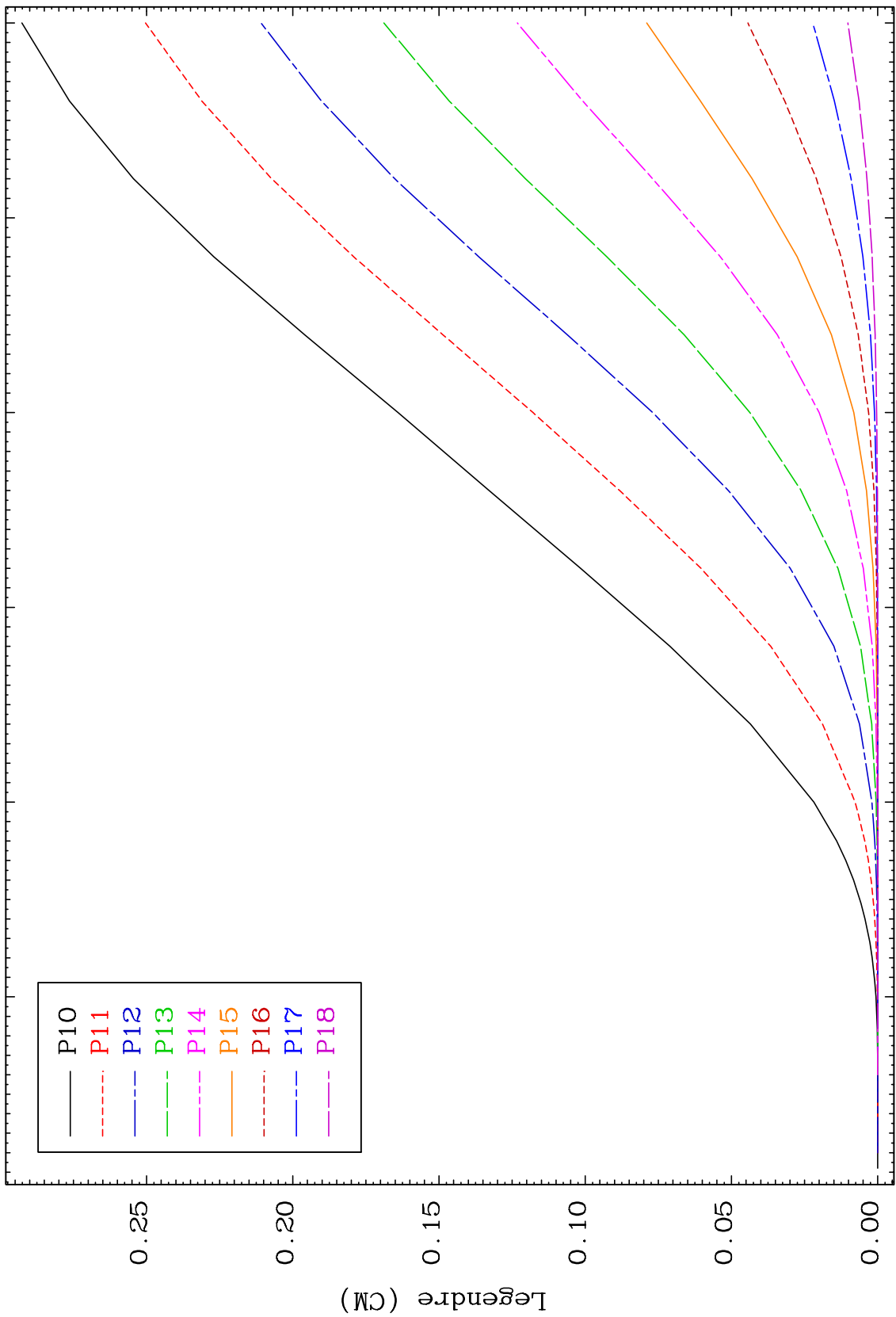
Incident Energy (MeV)

44-Ru-102

MAT 4443

Elastic Legendre Coefficients

44-Ru-102



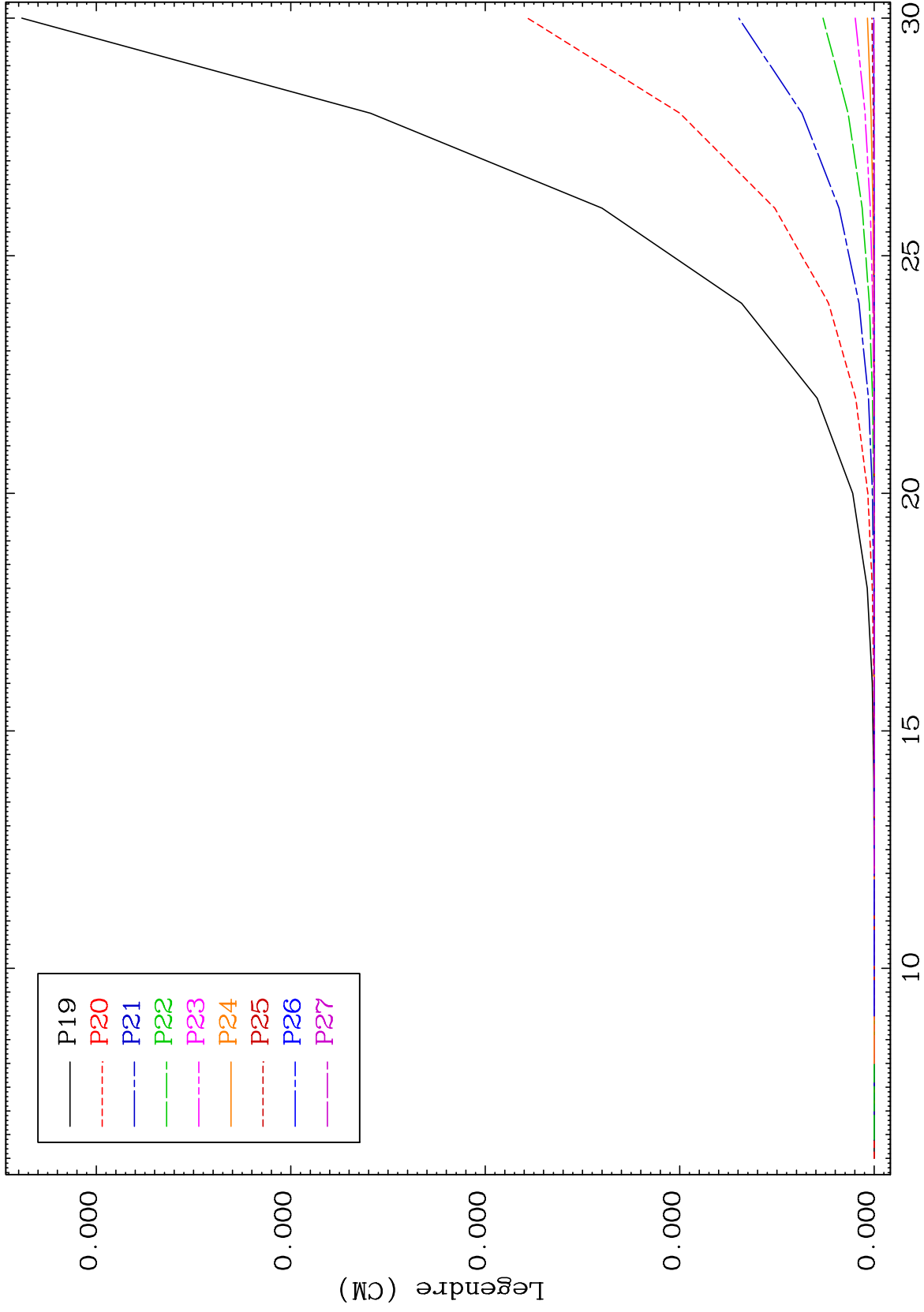
17

44-Ru-102

MAT 4443

Elastic Legendre Coefficients

44-Ru-102



18

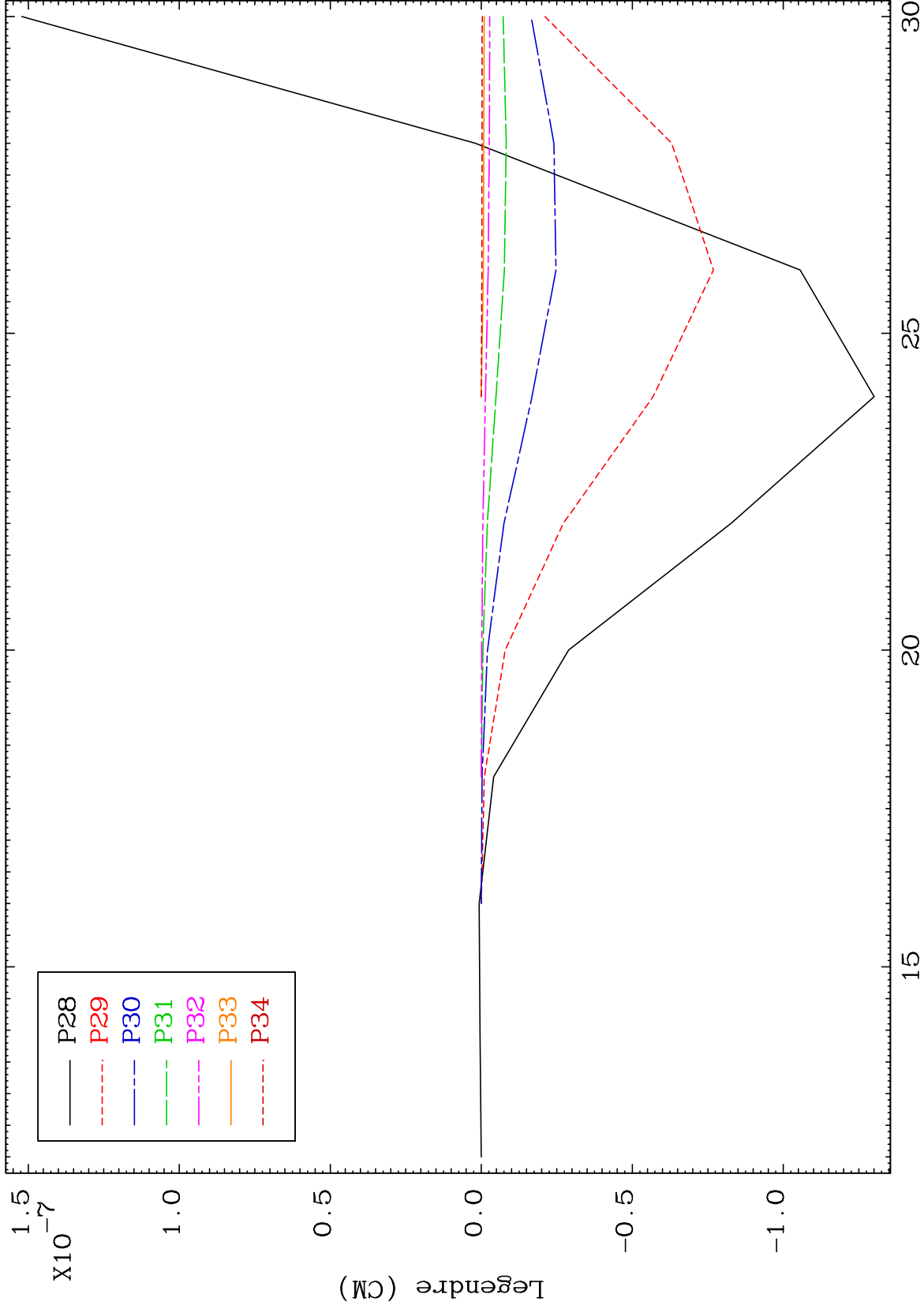
Incident Energy (MeV)

44-Ru-102

MAT 4443

Elastic Legendre Coefficients

44-Ru-102



19

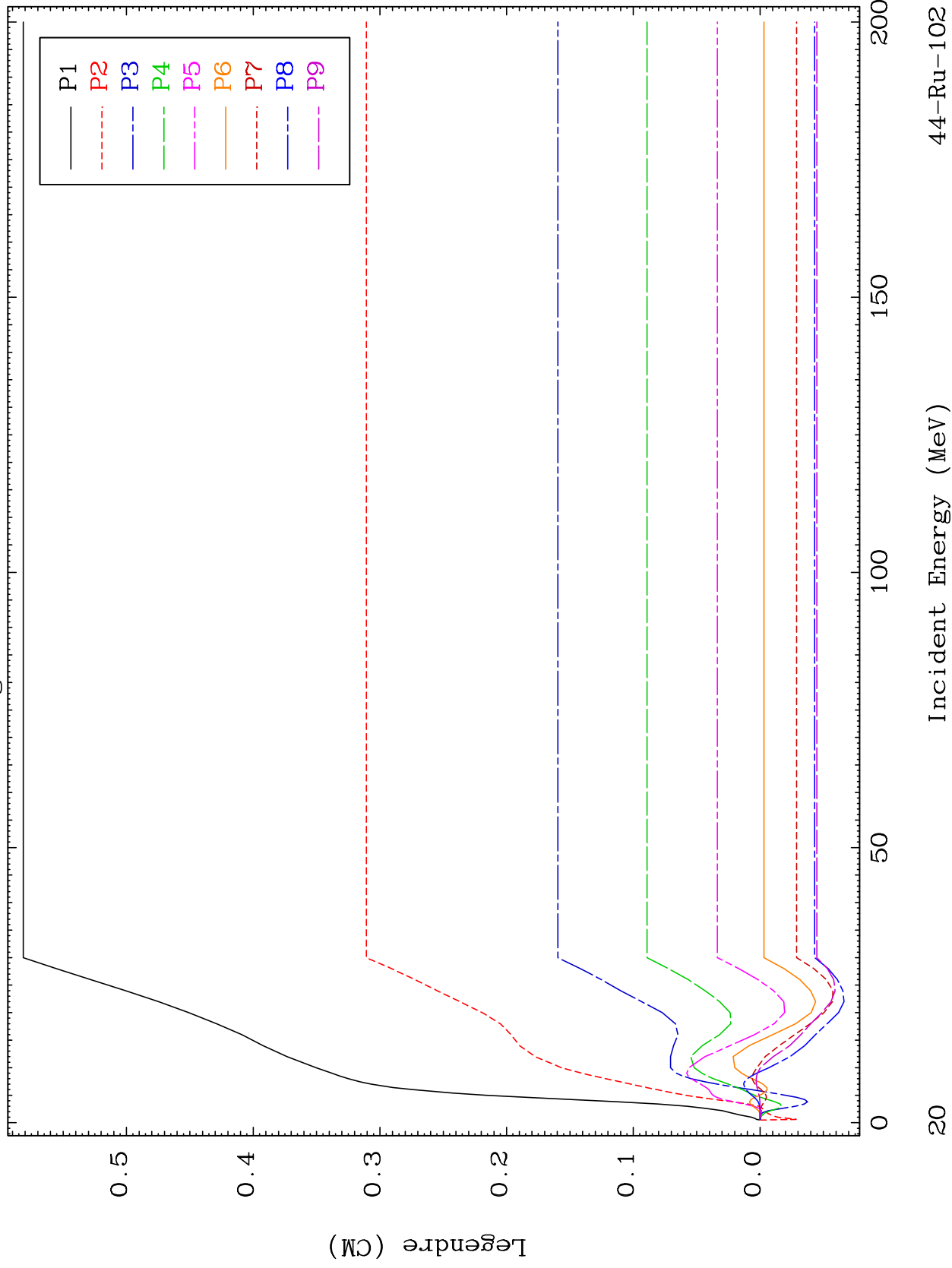
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

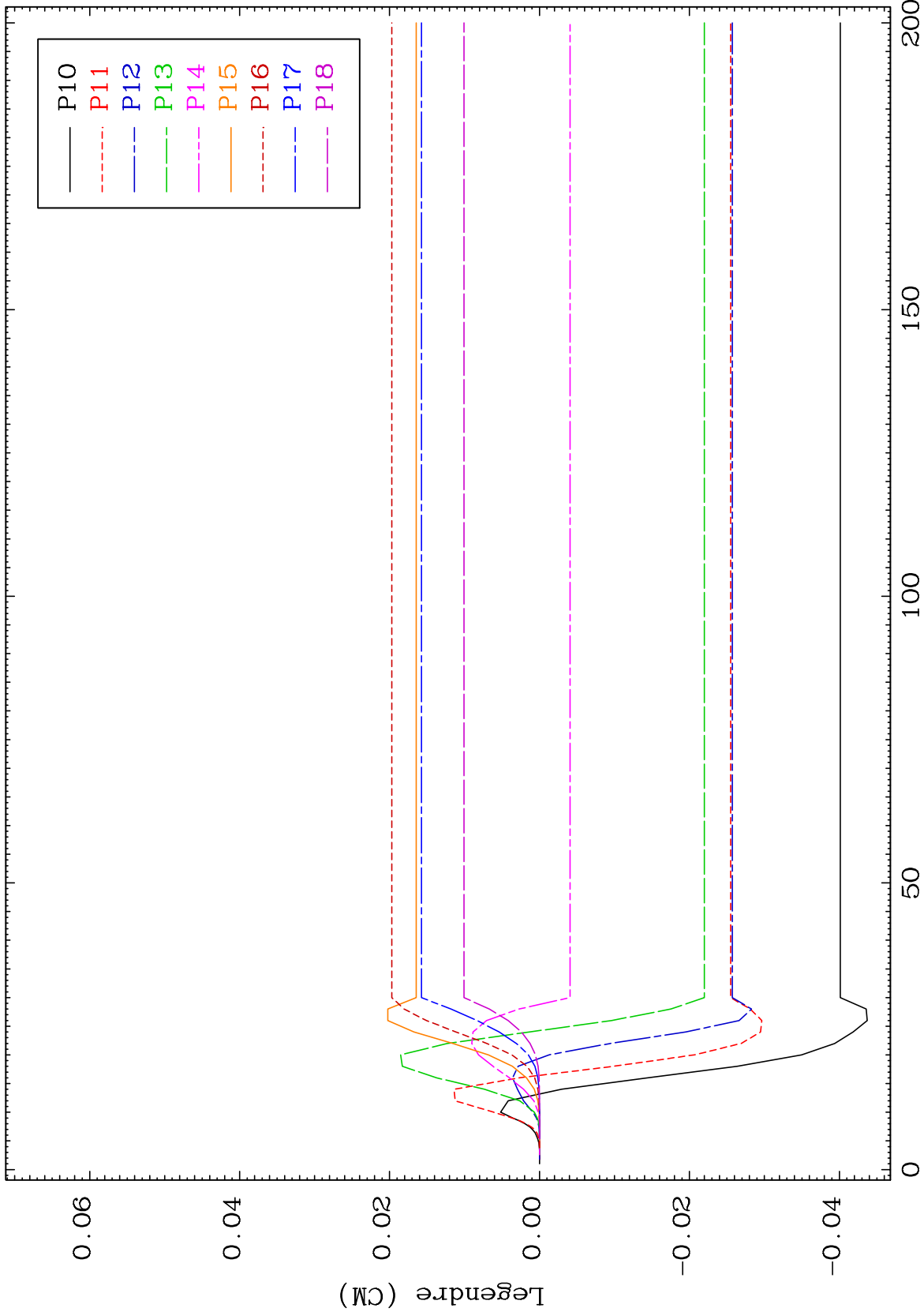
Incident Energy (MeV)

20

MAT 4443

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

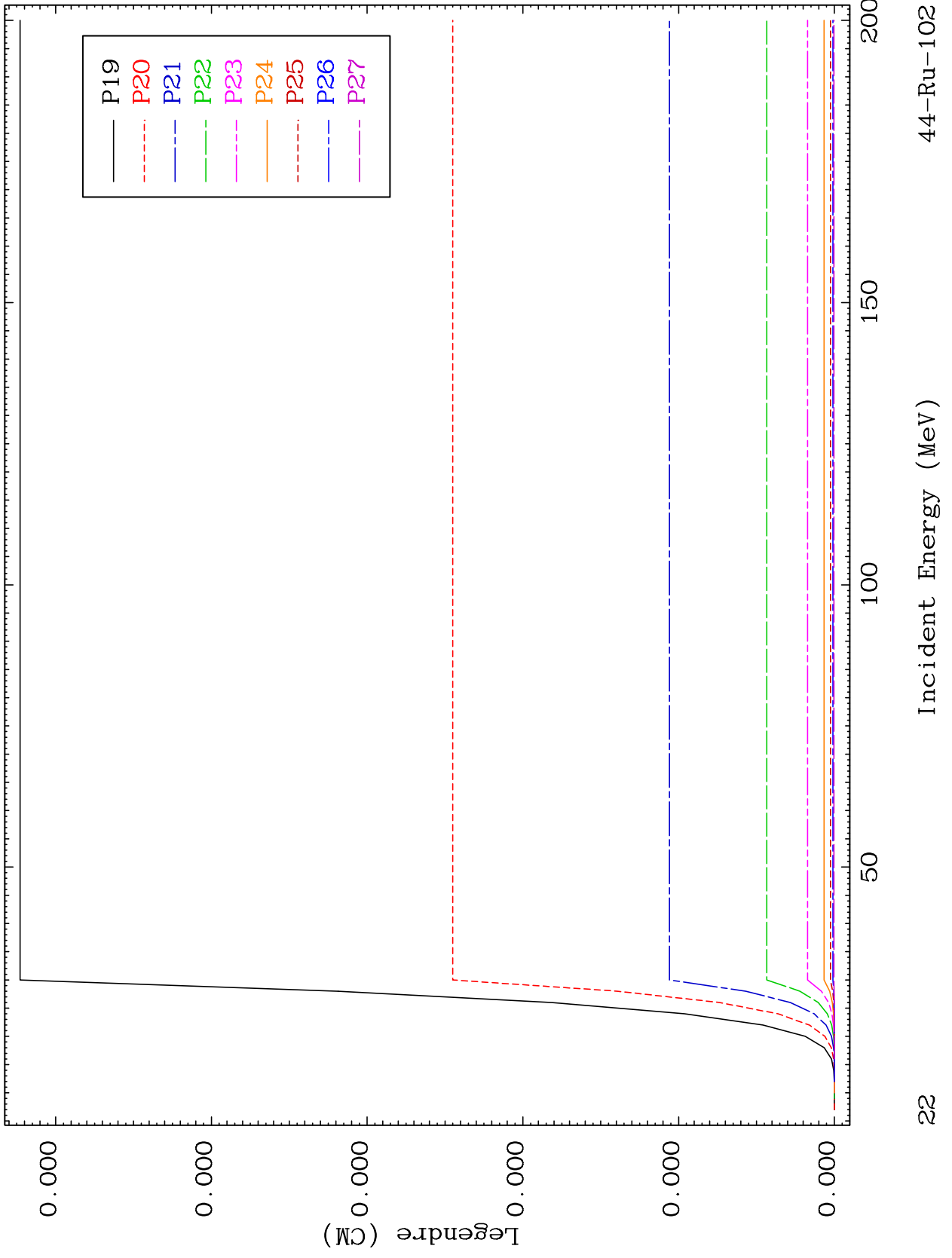
44-Ru-102



MAT 4443

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

44-Ru-102



22

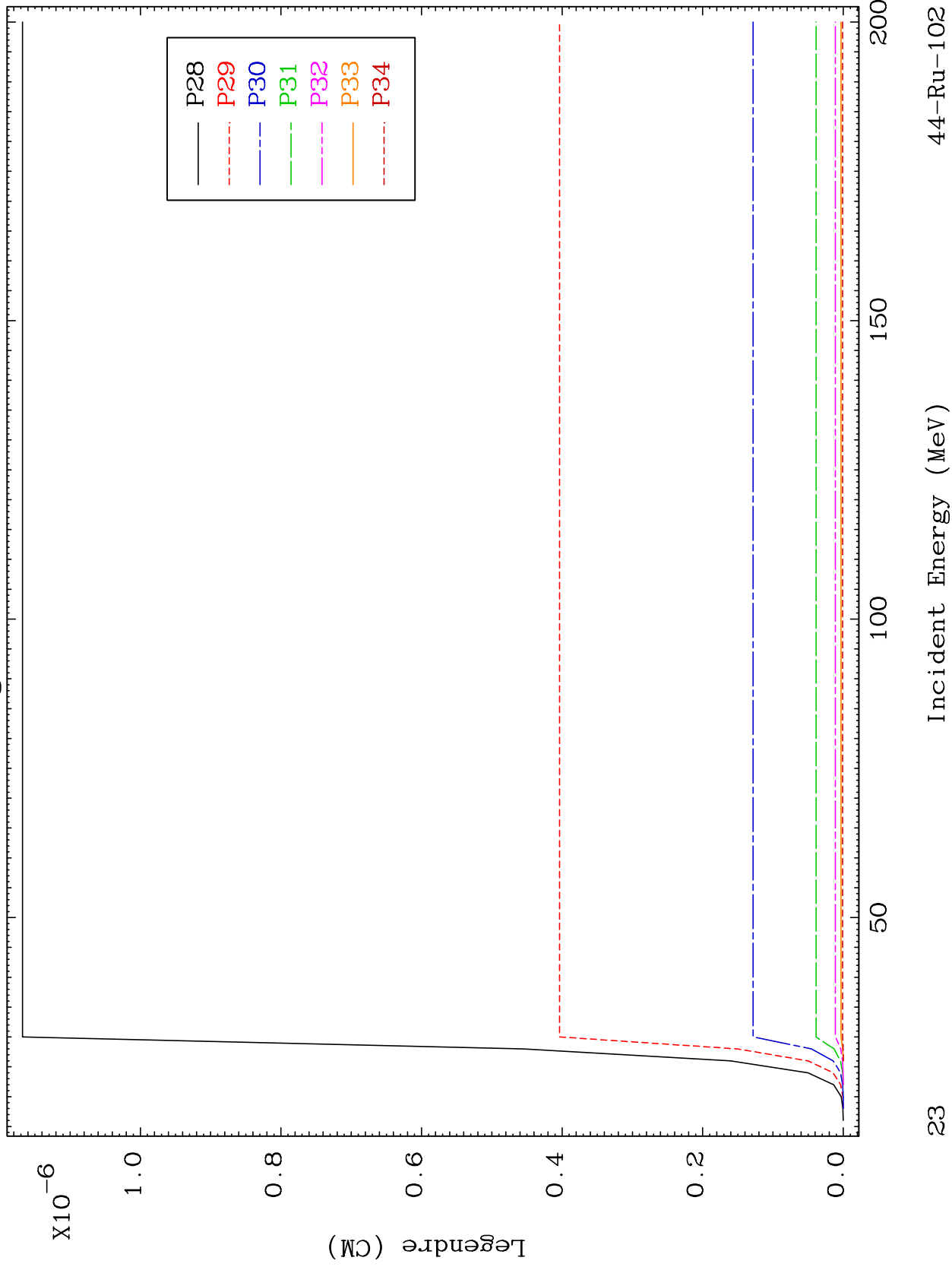
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



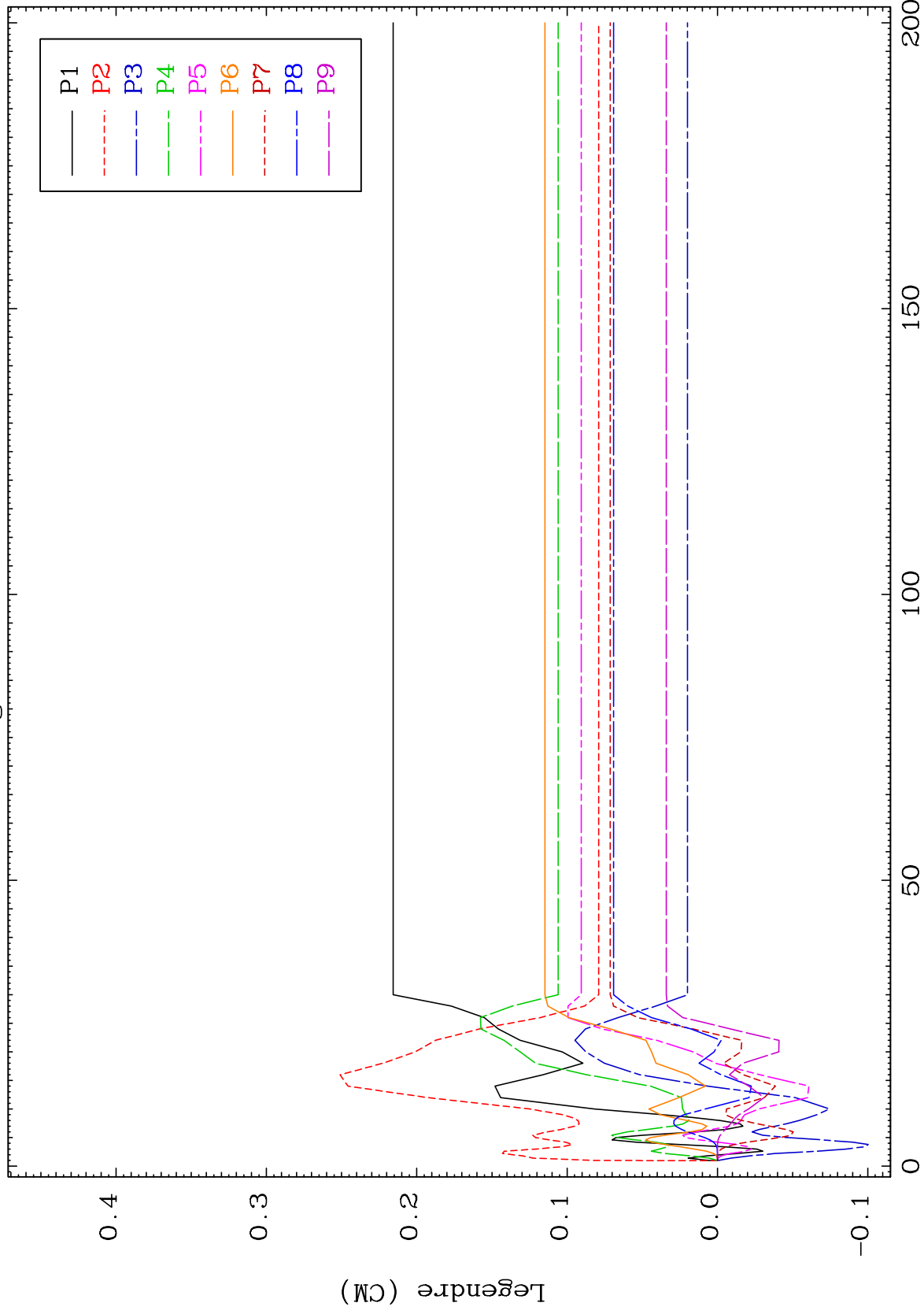
23

44-Ru-102

MAT 4443

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

44-Ru-102



24

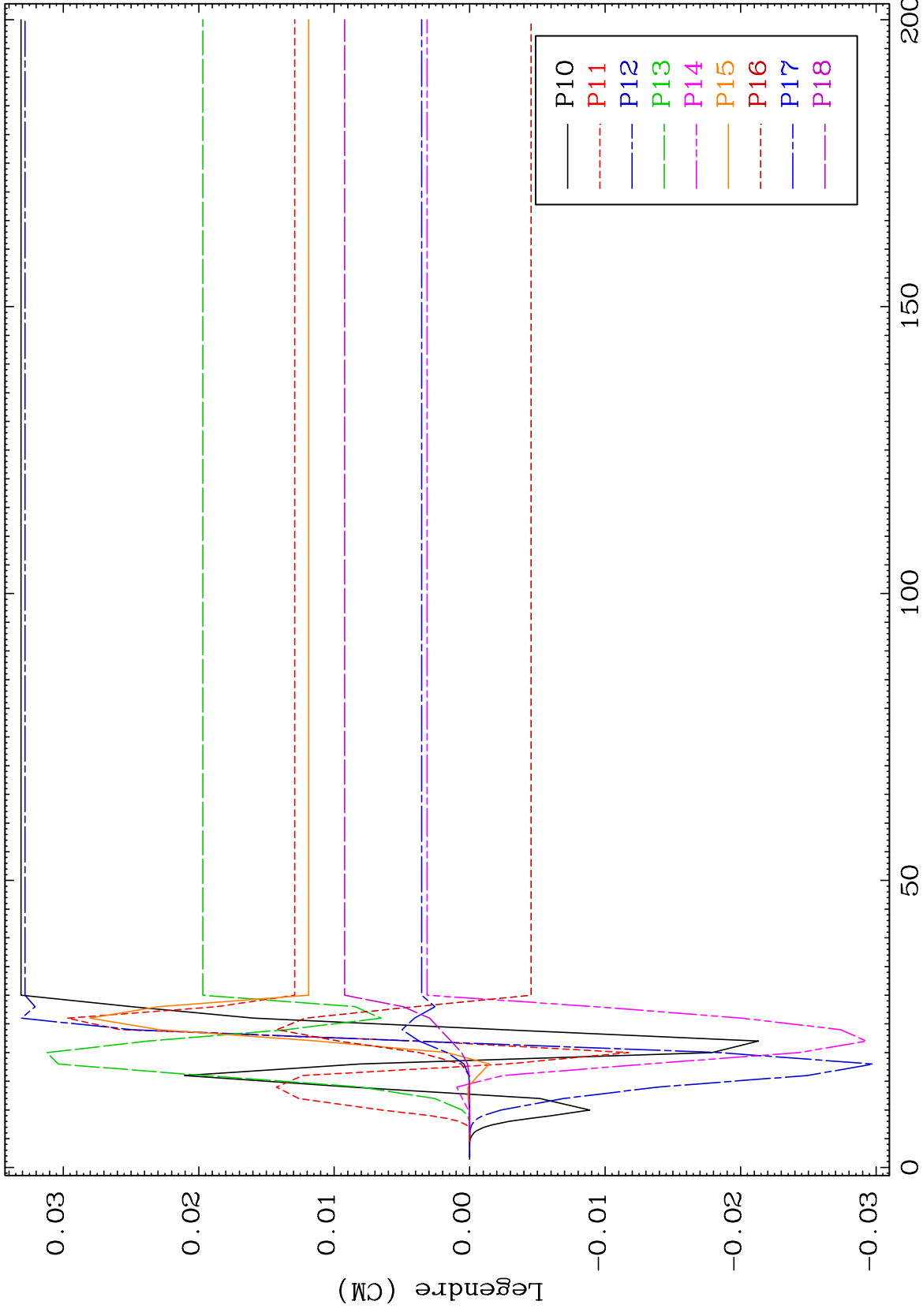
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



25

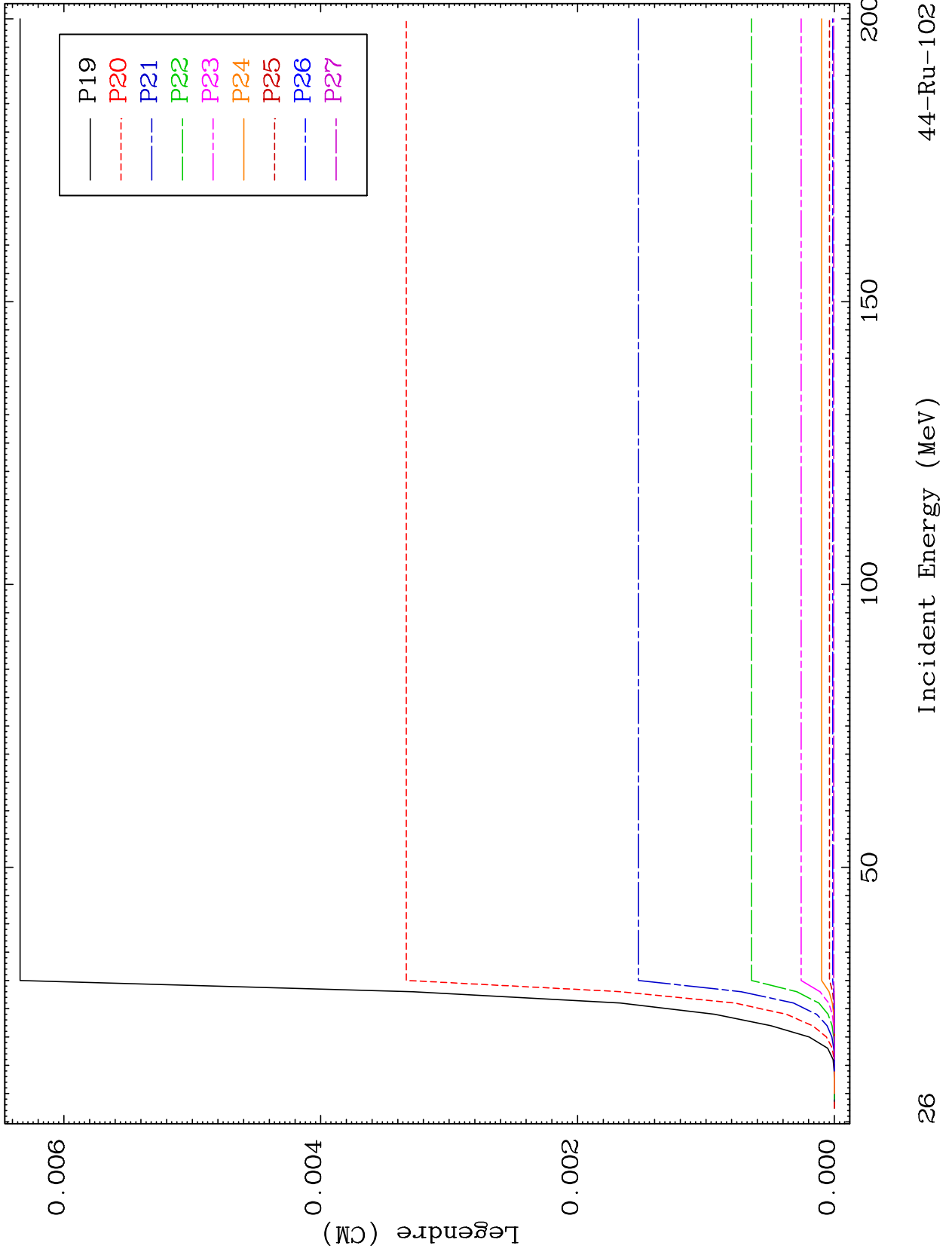
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



26

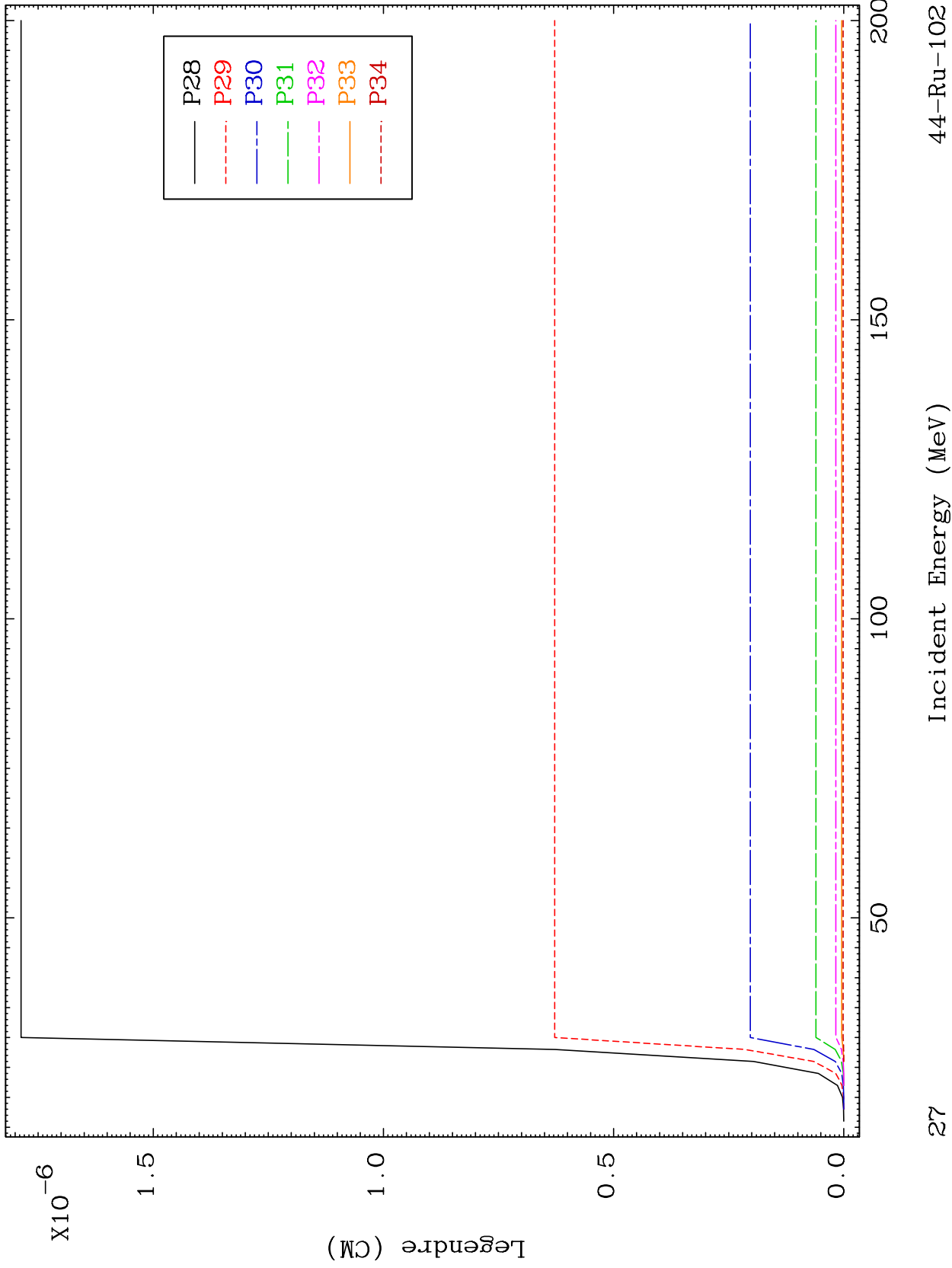
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

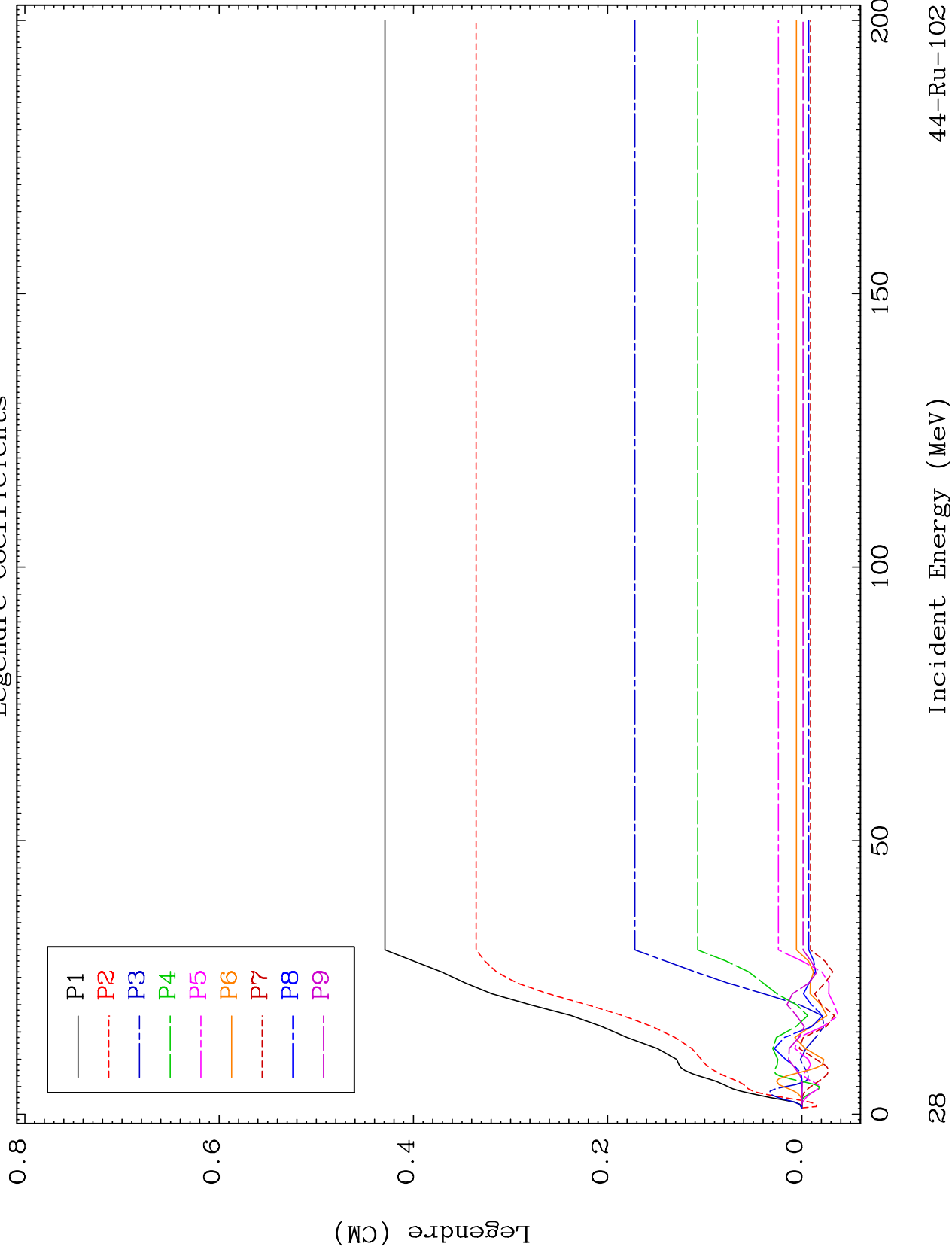
44-Ru-102



MAT 4443

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

44-Ru-102

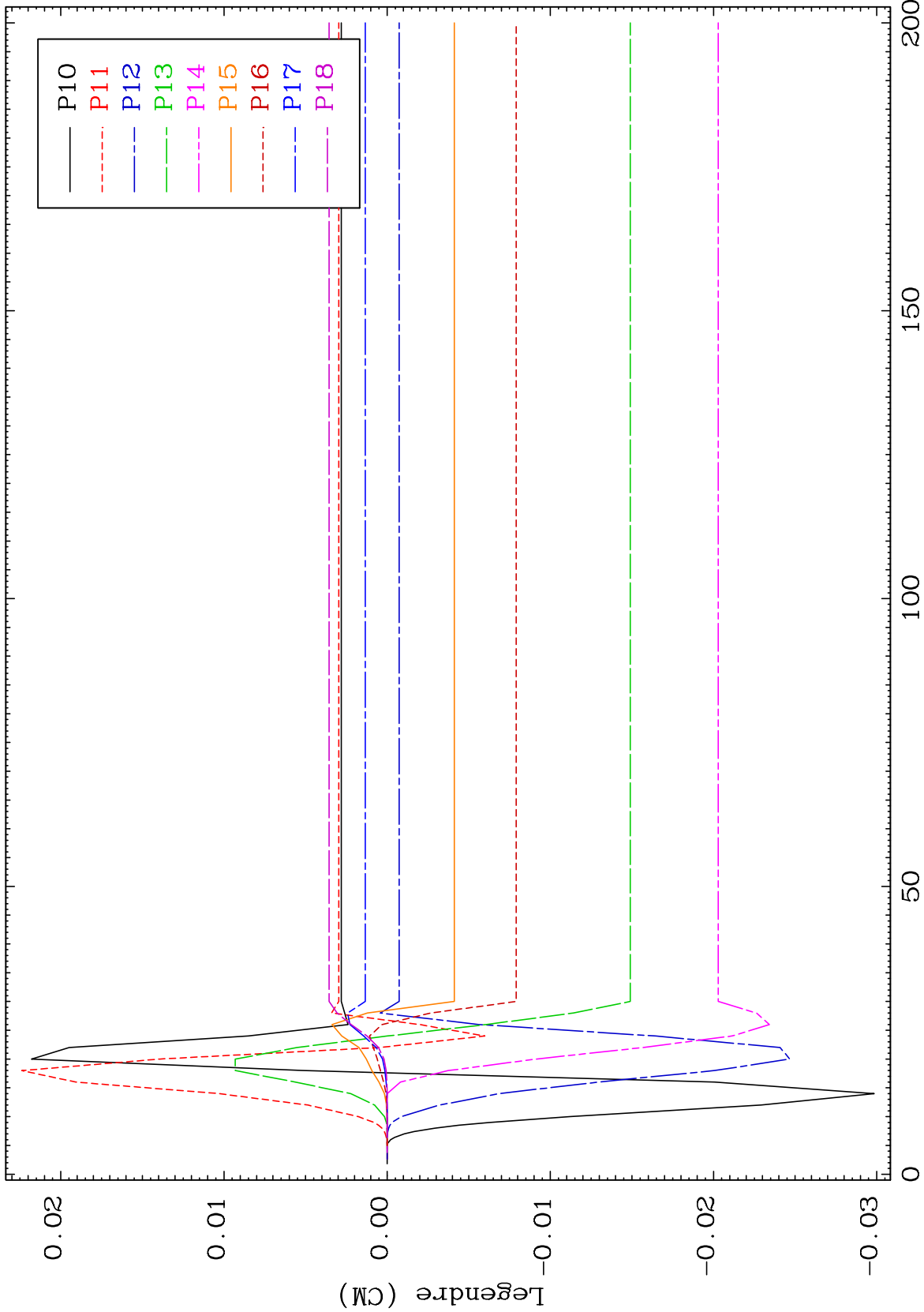


28

MAT 4443

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

44-Ru-102



29

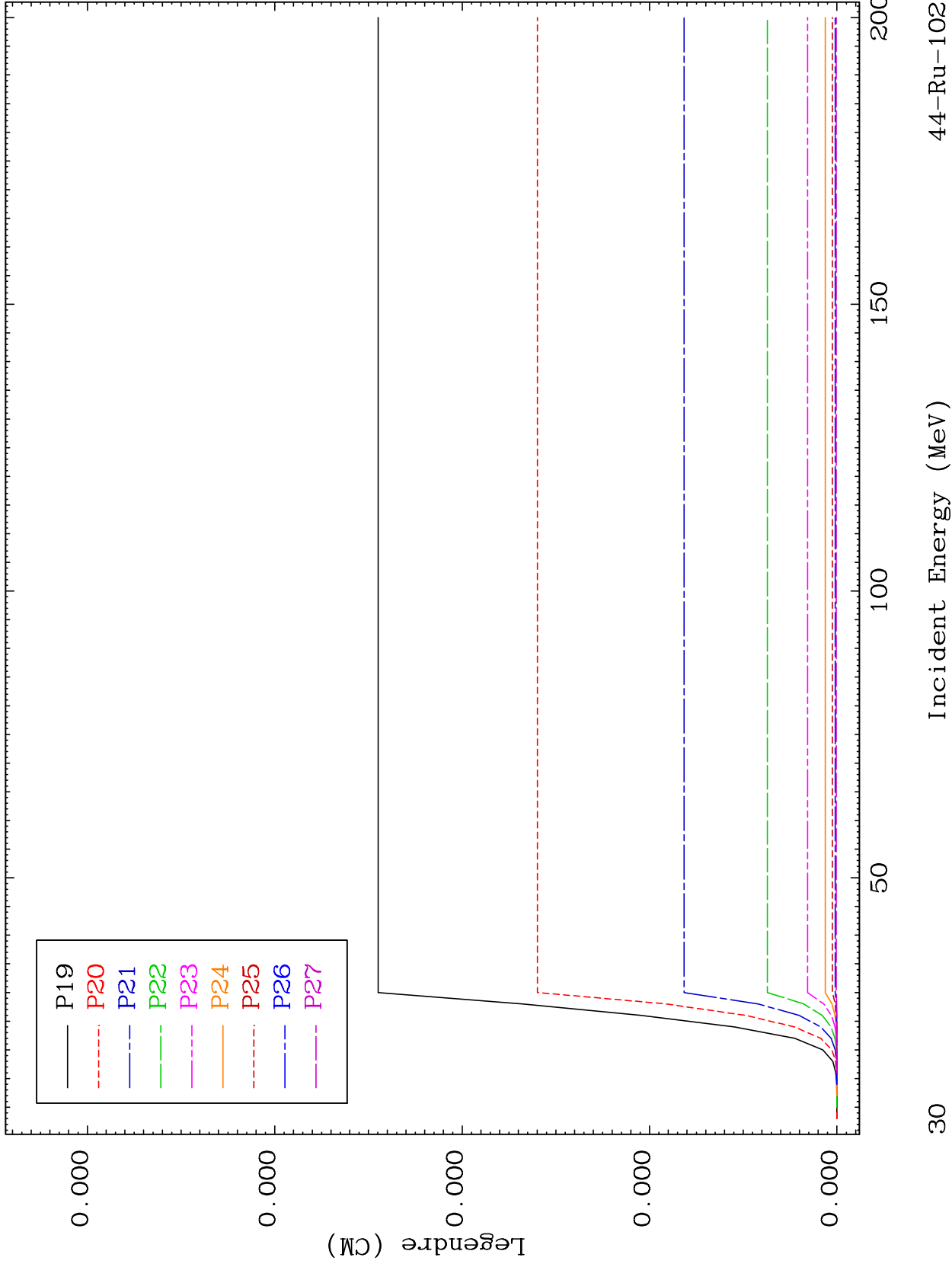
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



30

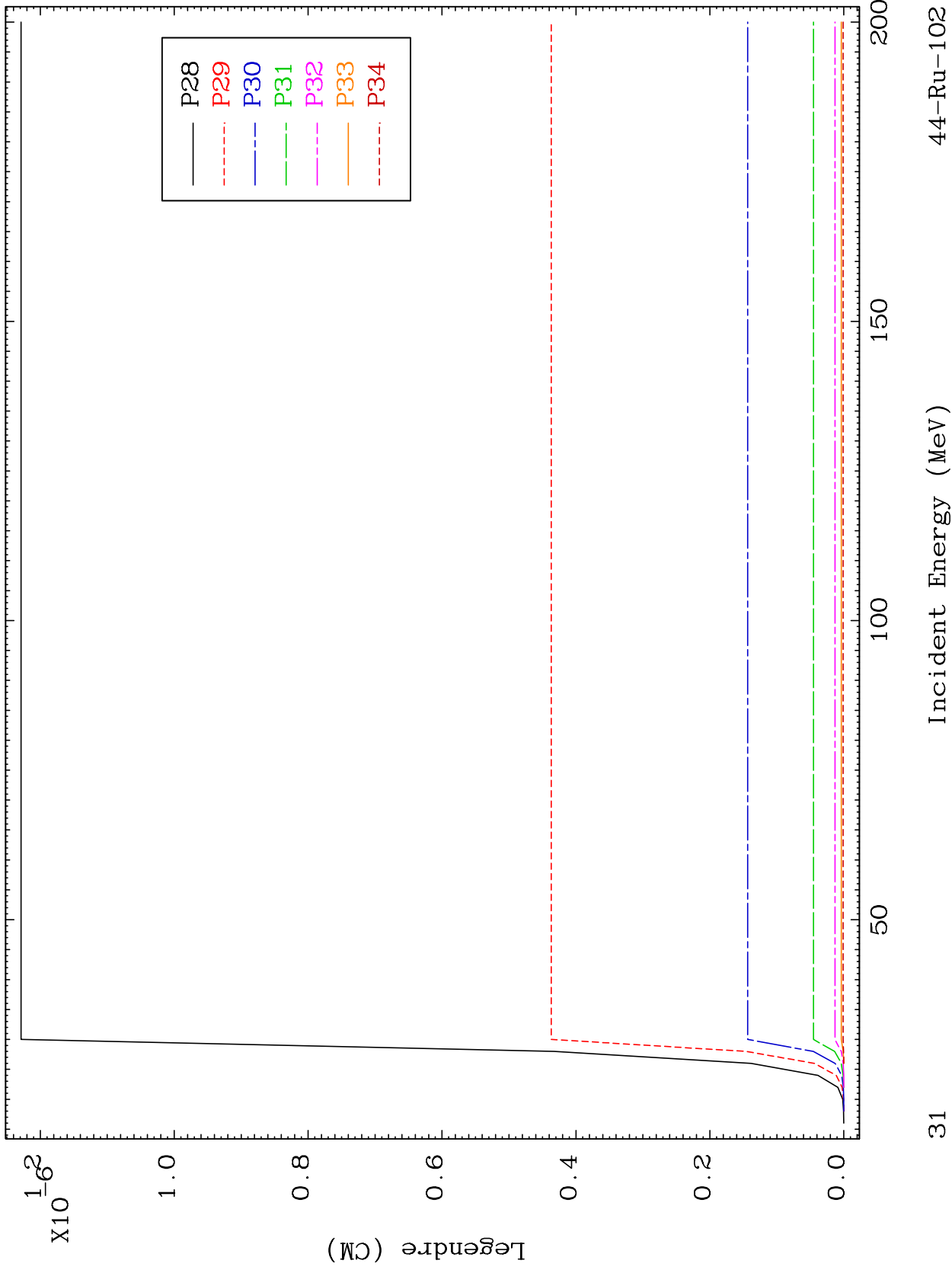
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

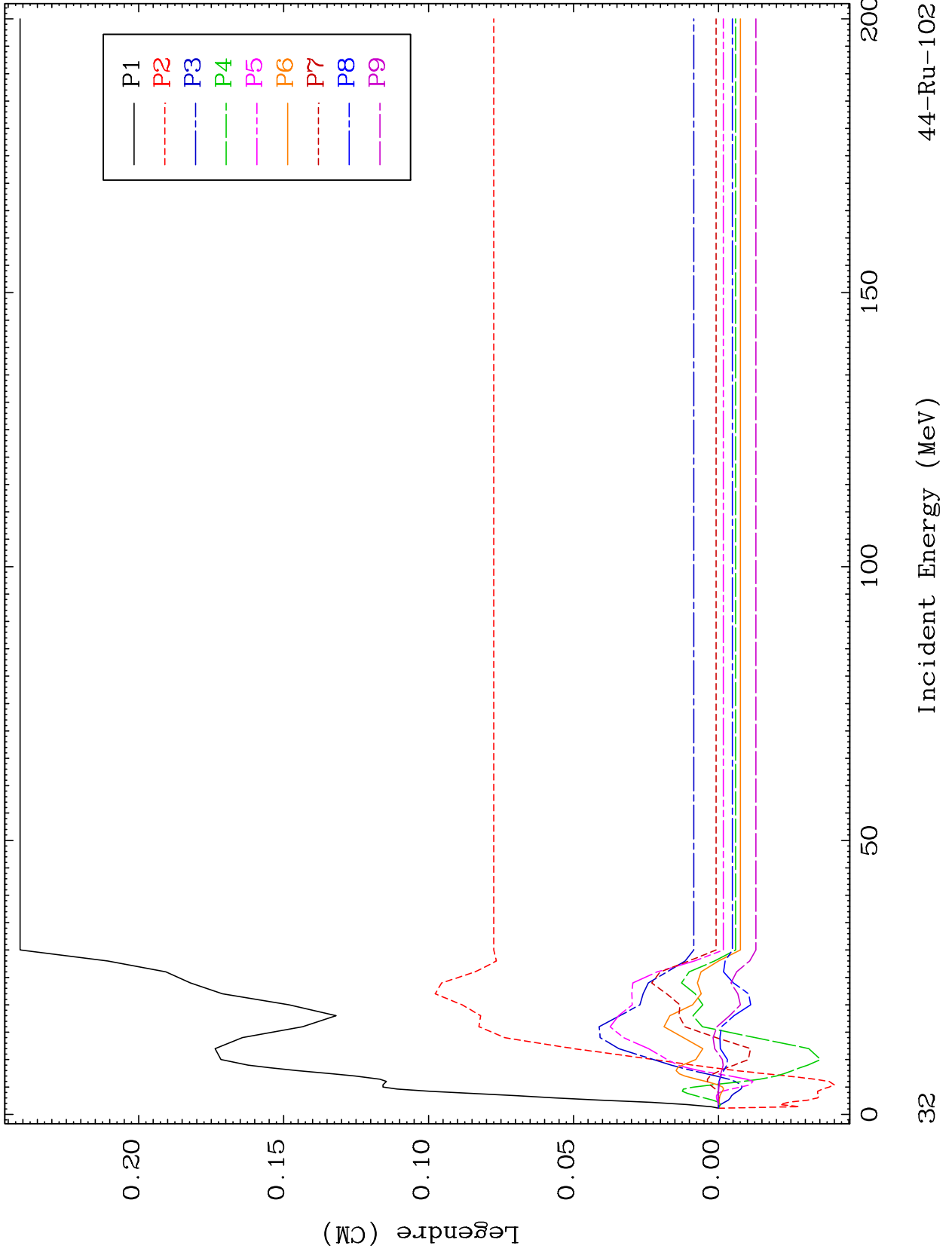
44-Ru-102



MAT 4443

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

44-Ru-102



32

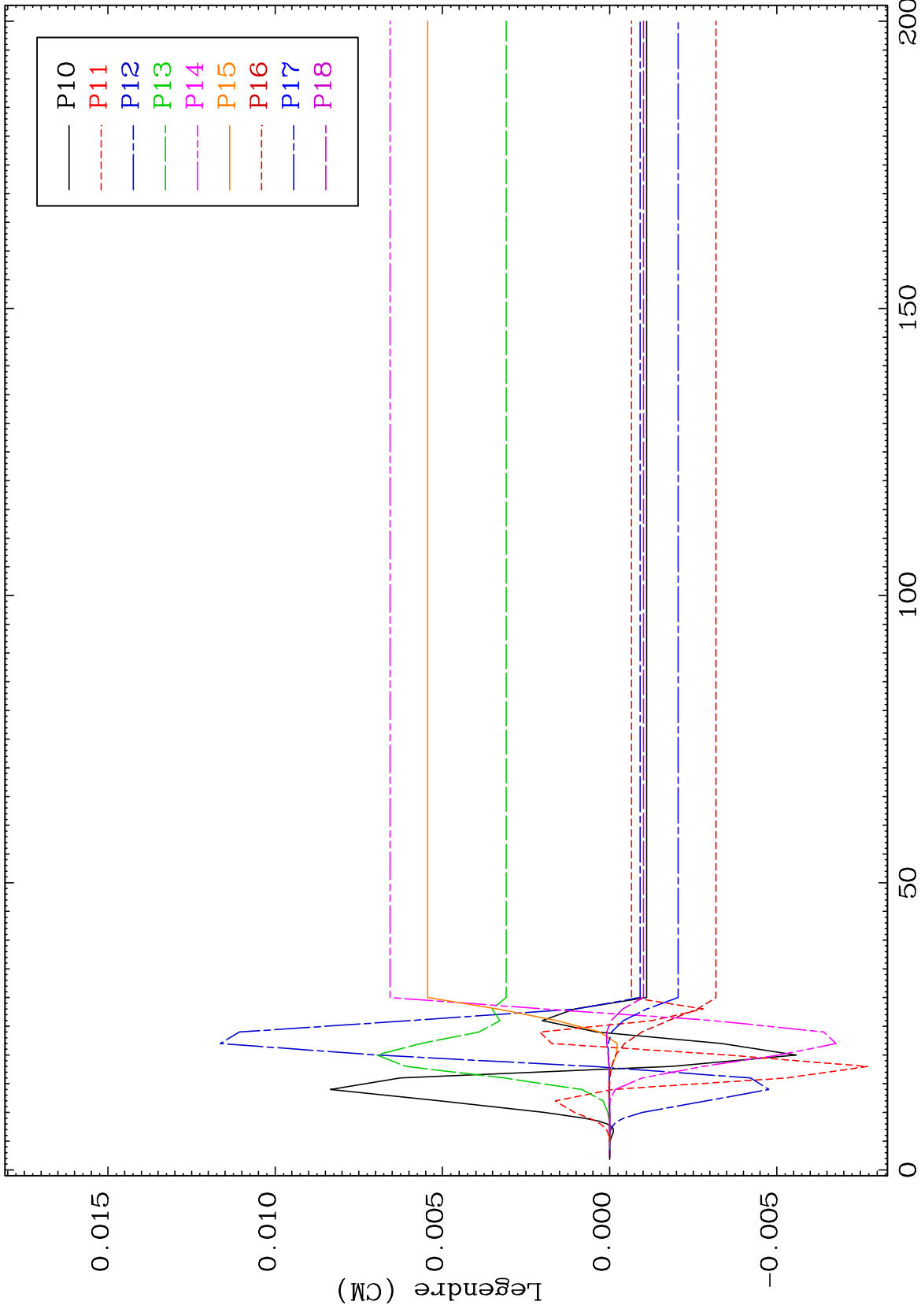
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



33

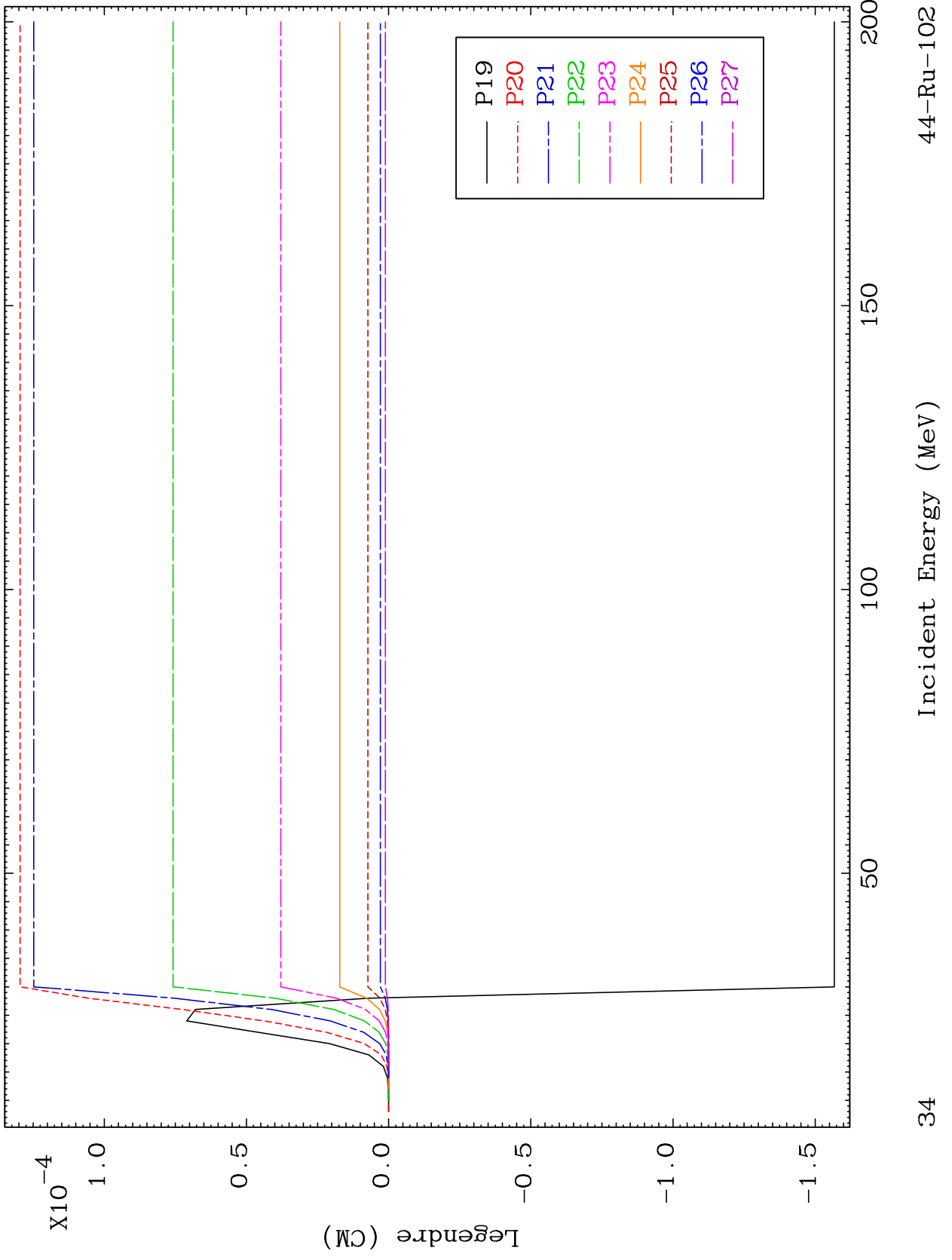
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



34

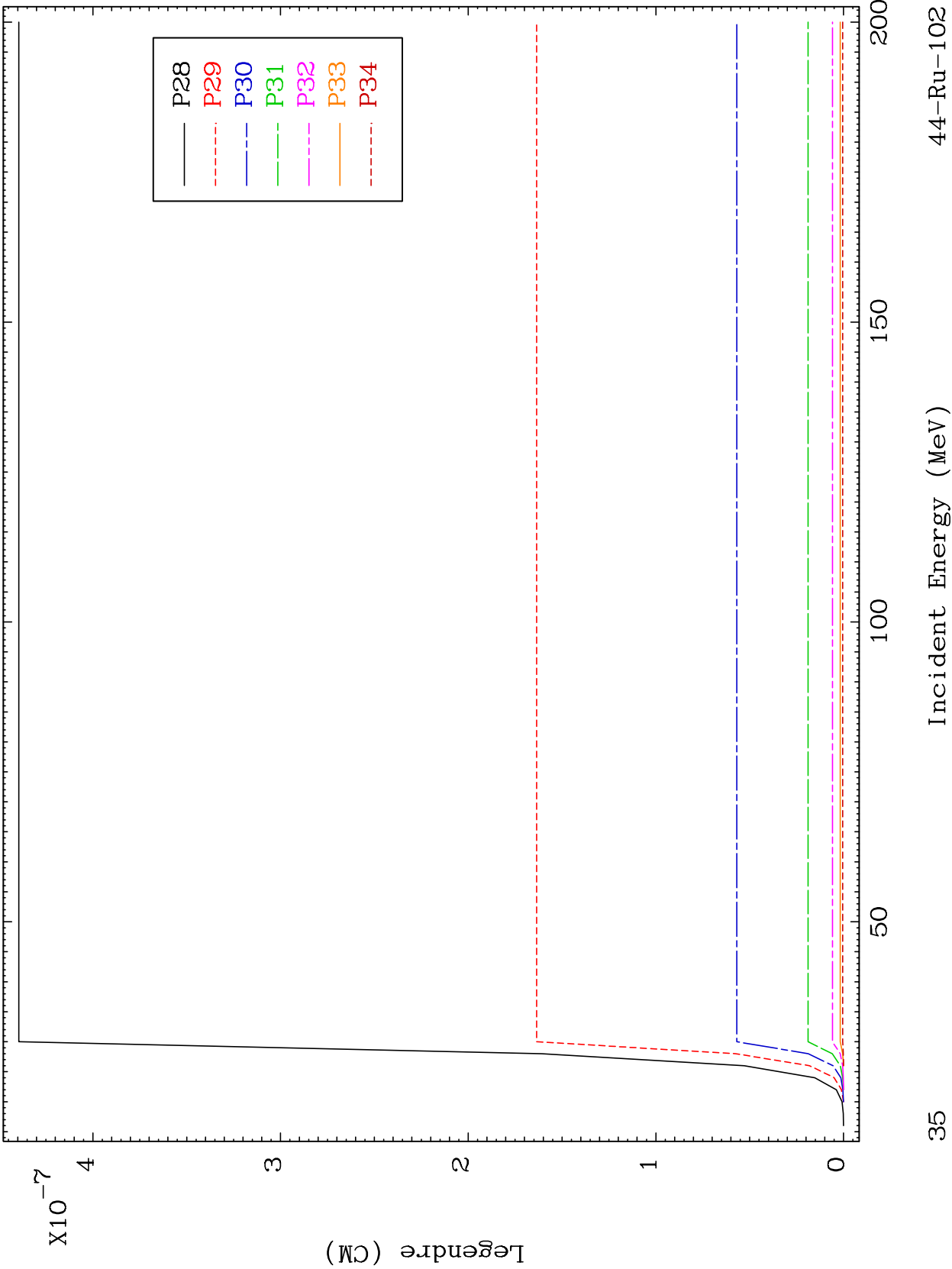
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



35

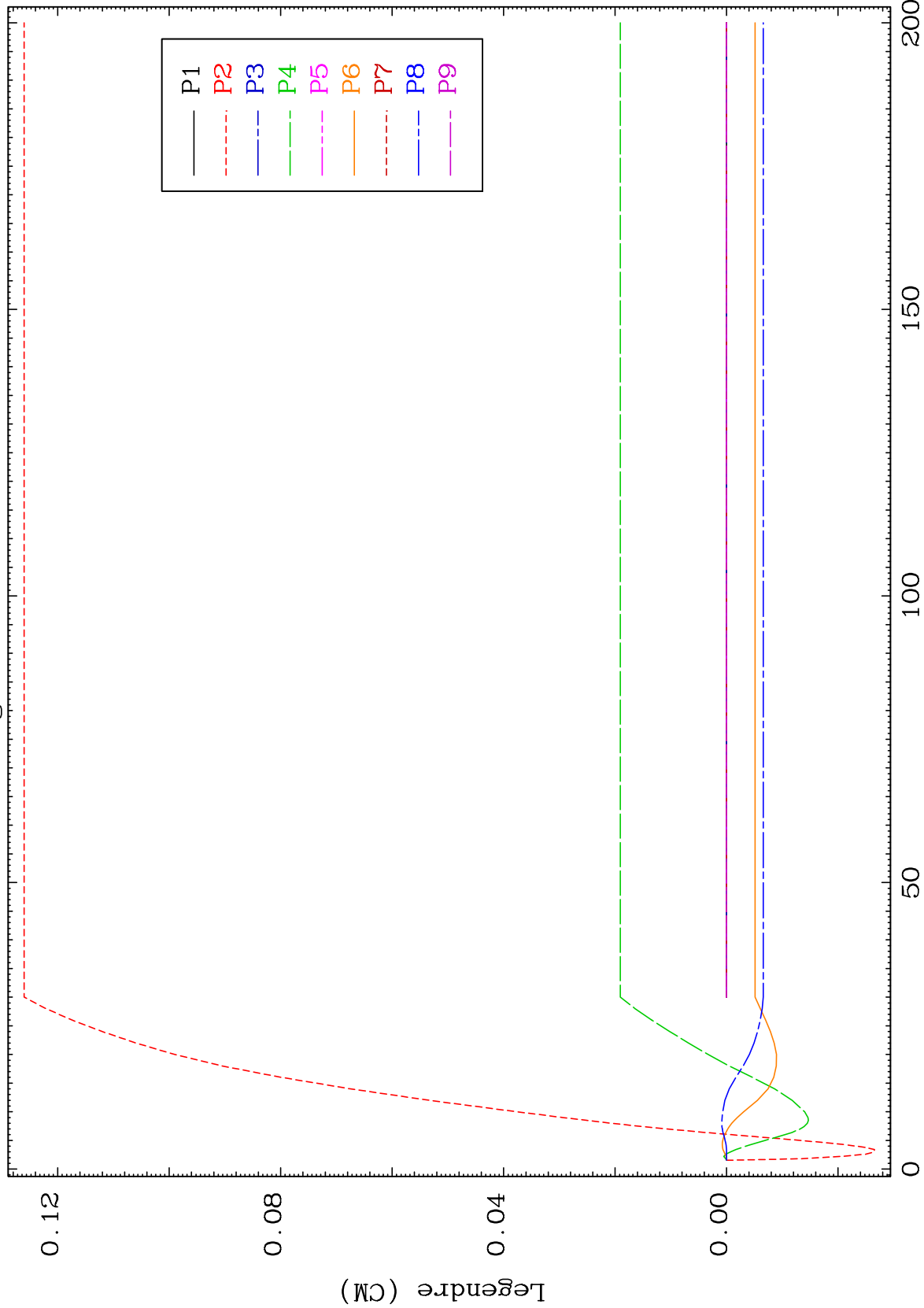
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



36

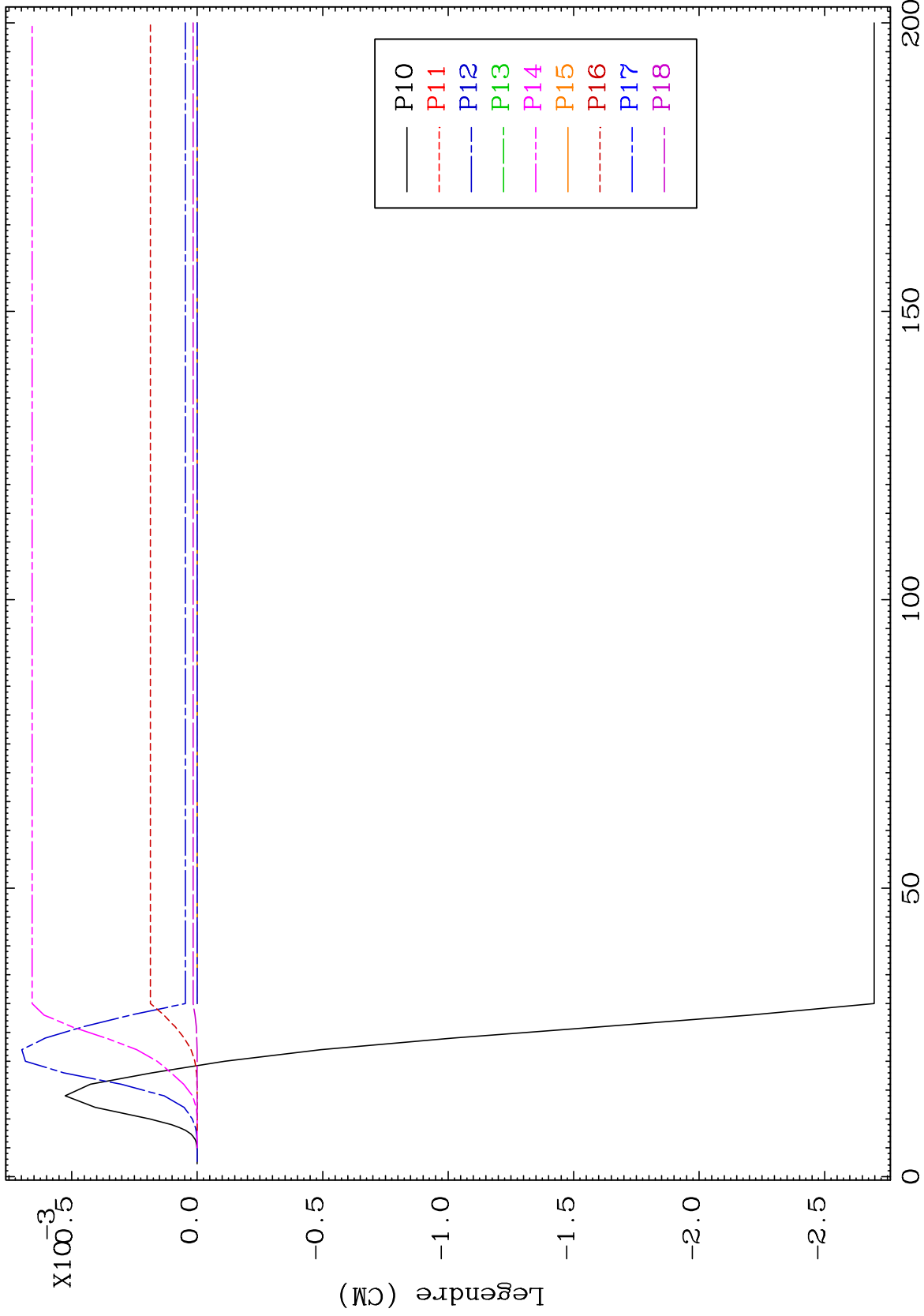
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

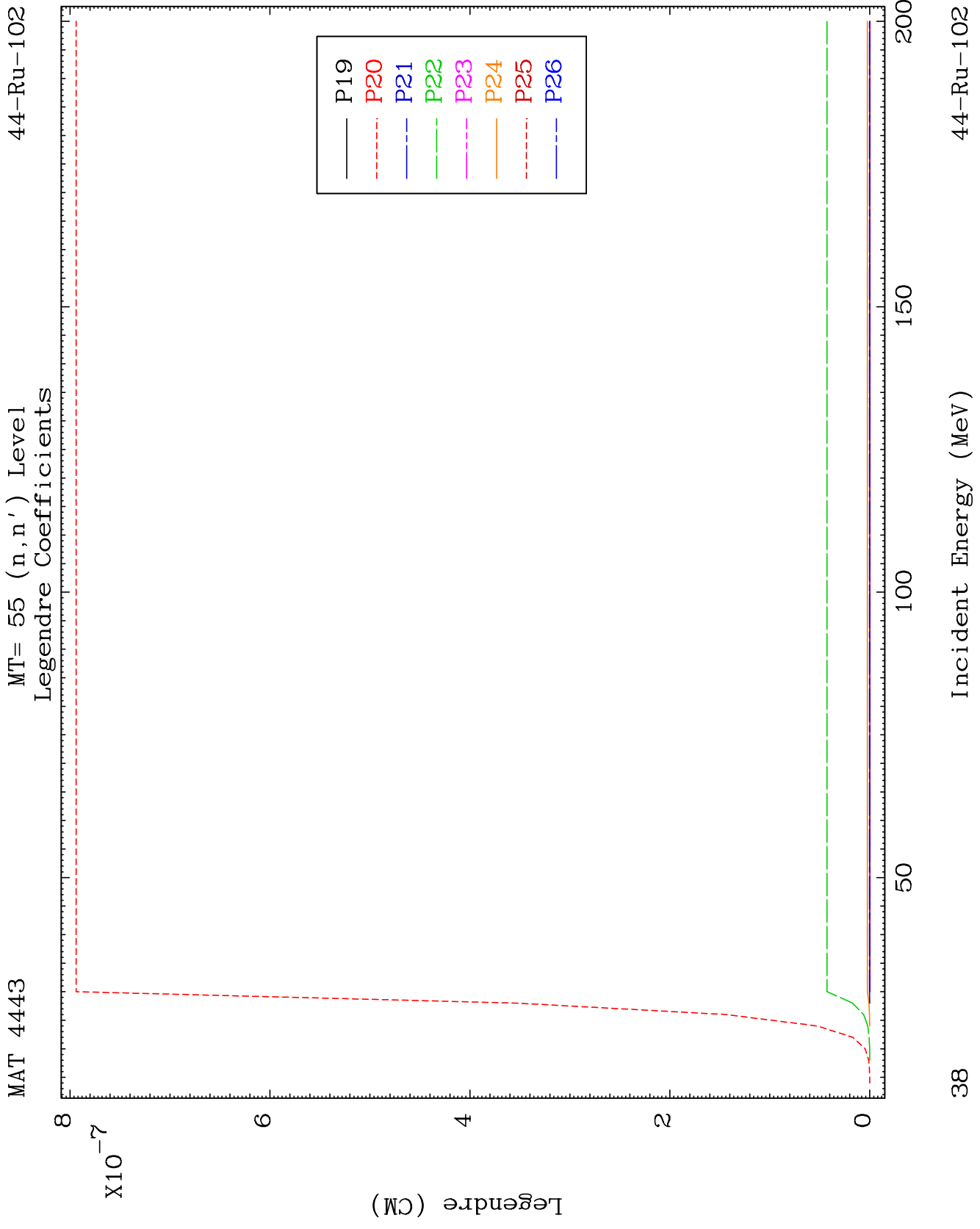
44-Ru-102



37

Incident Energy (MeV)

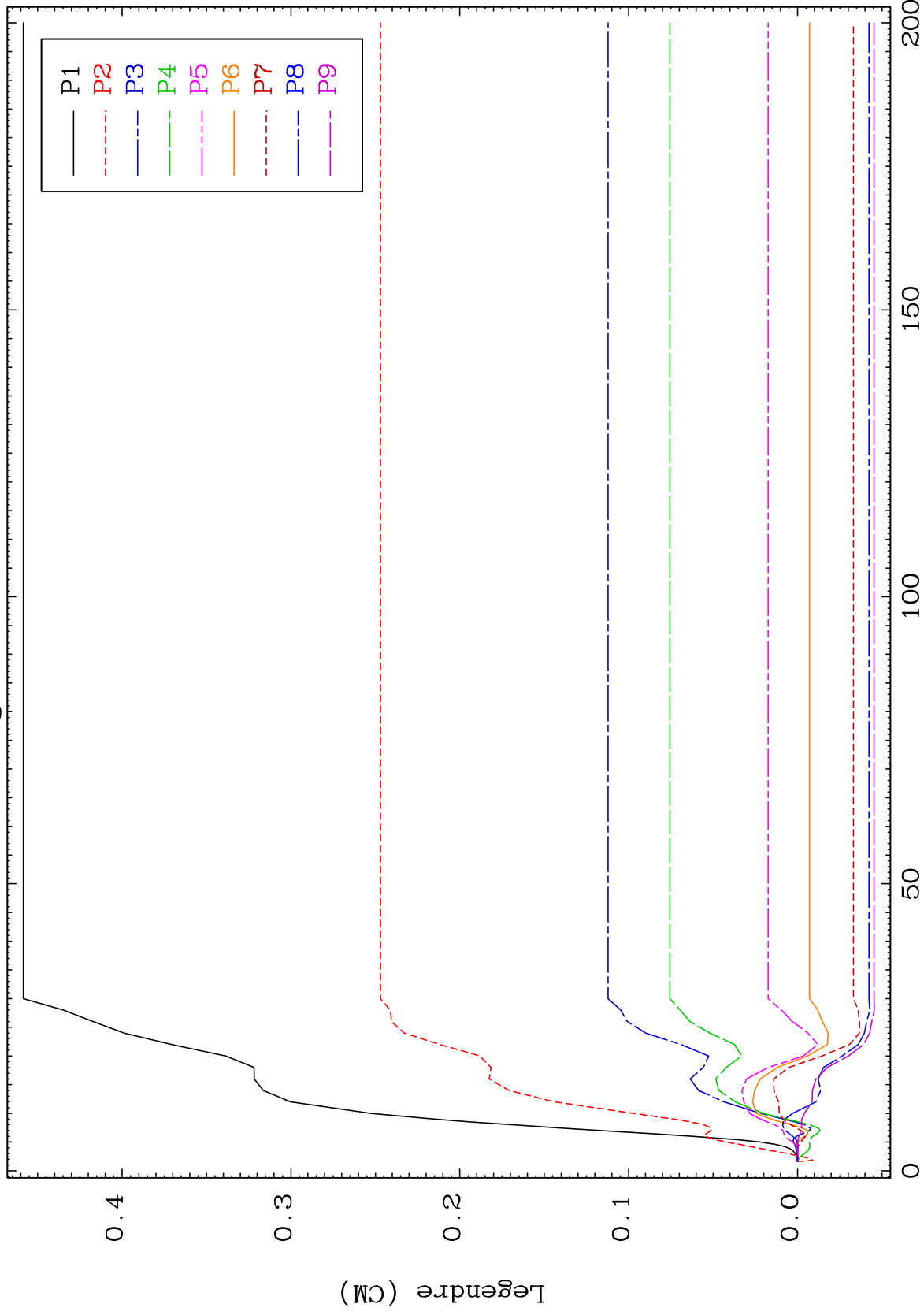
44-Ru-102



MAT 4443

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

44-Ru-102



39

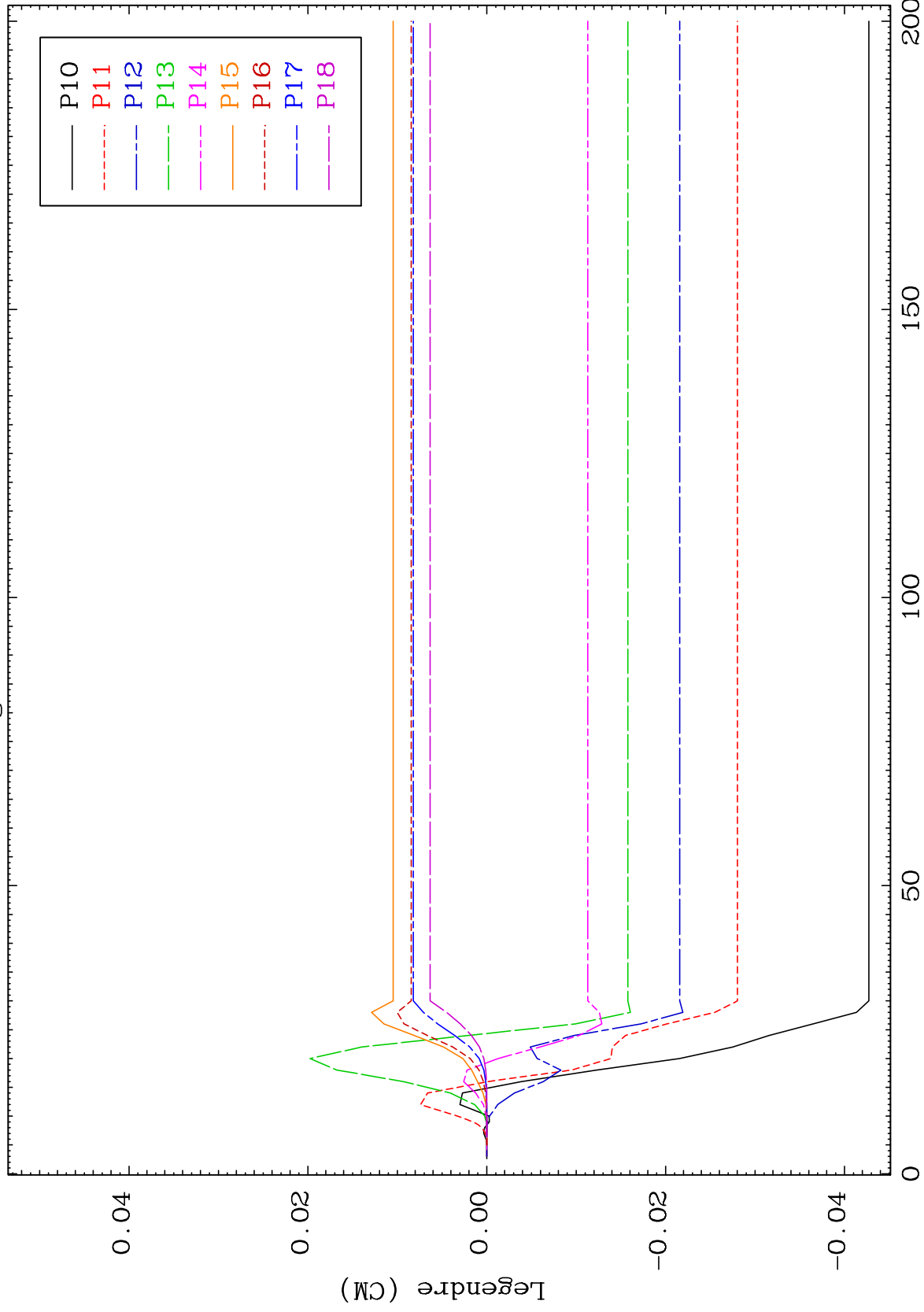
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



40

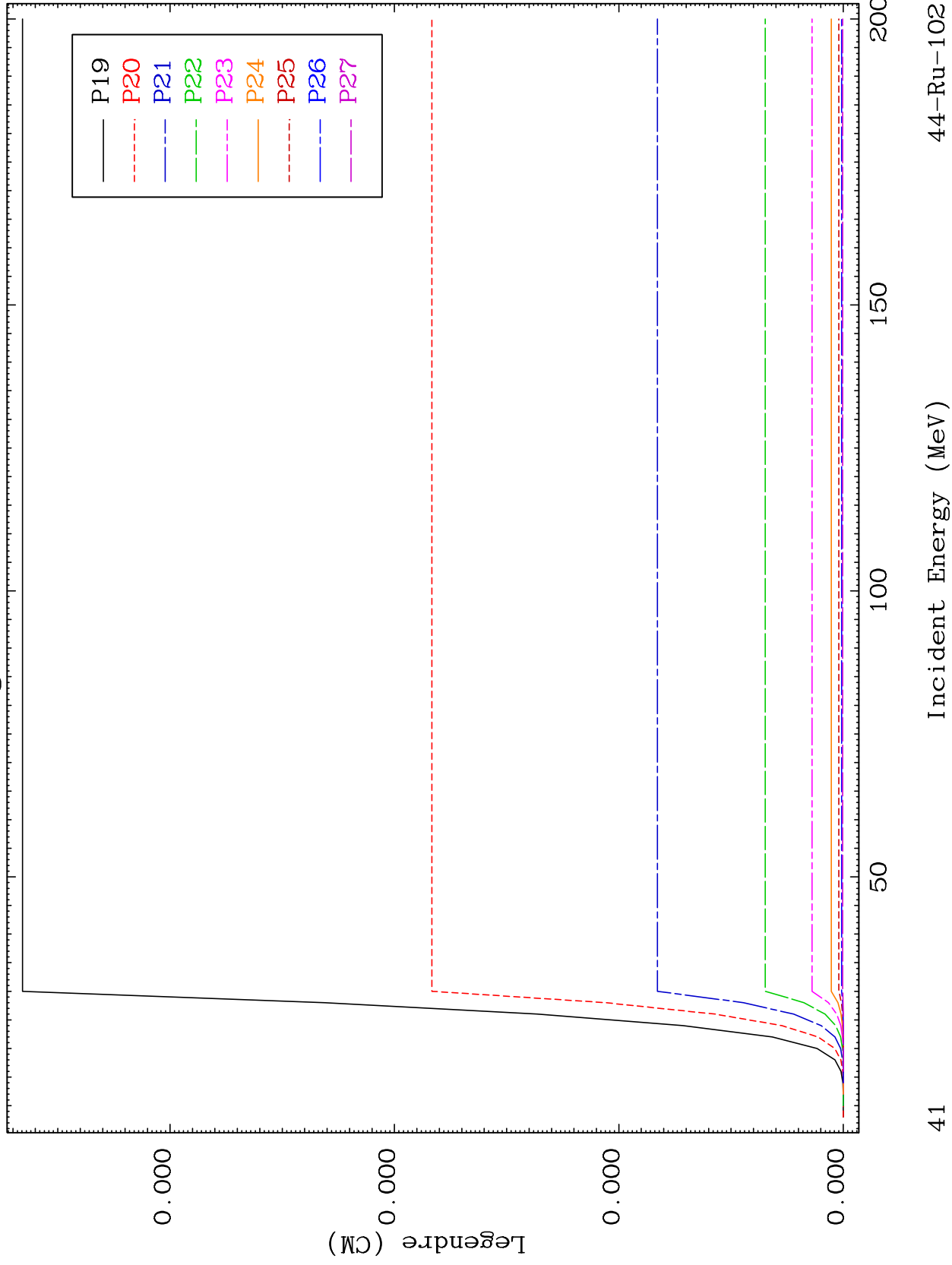
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



41

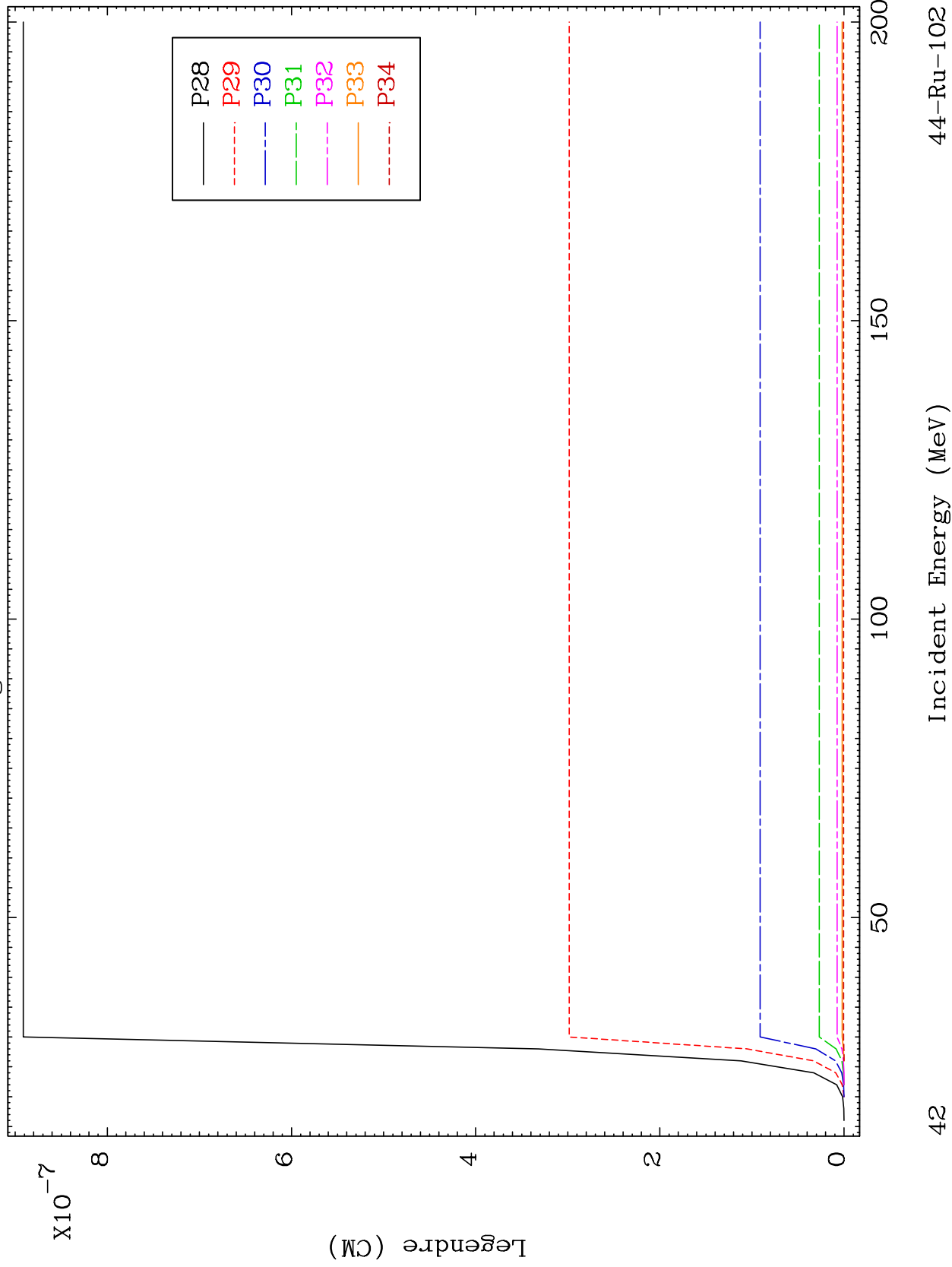
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



42

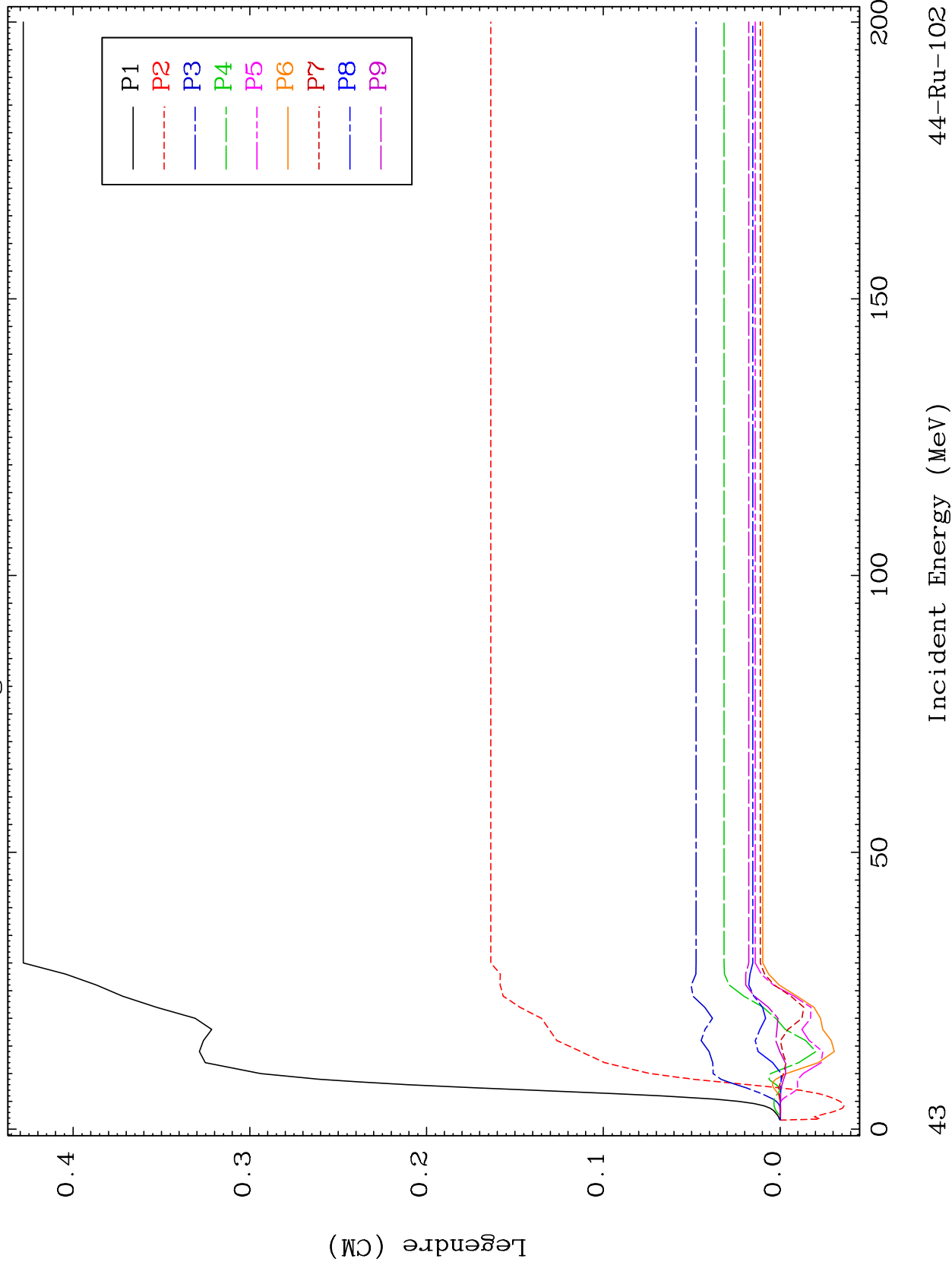
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

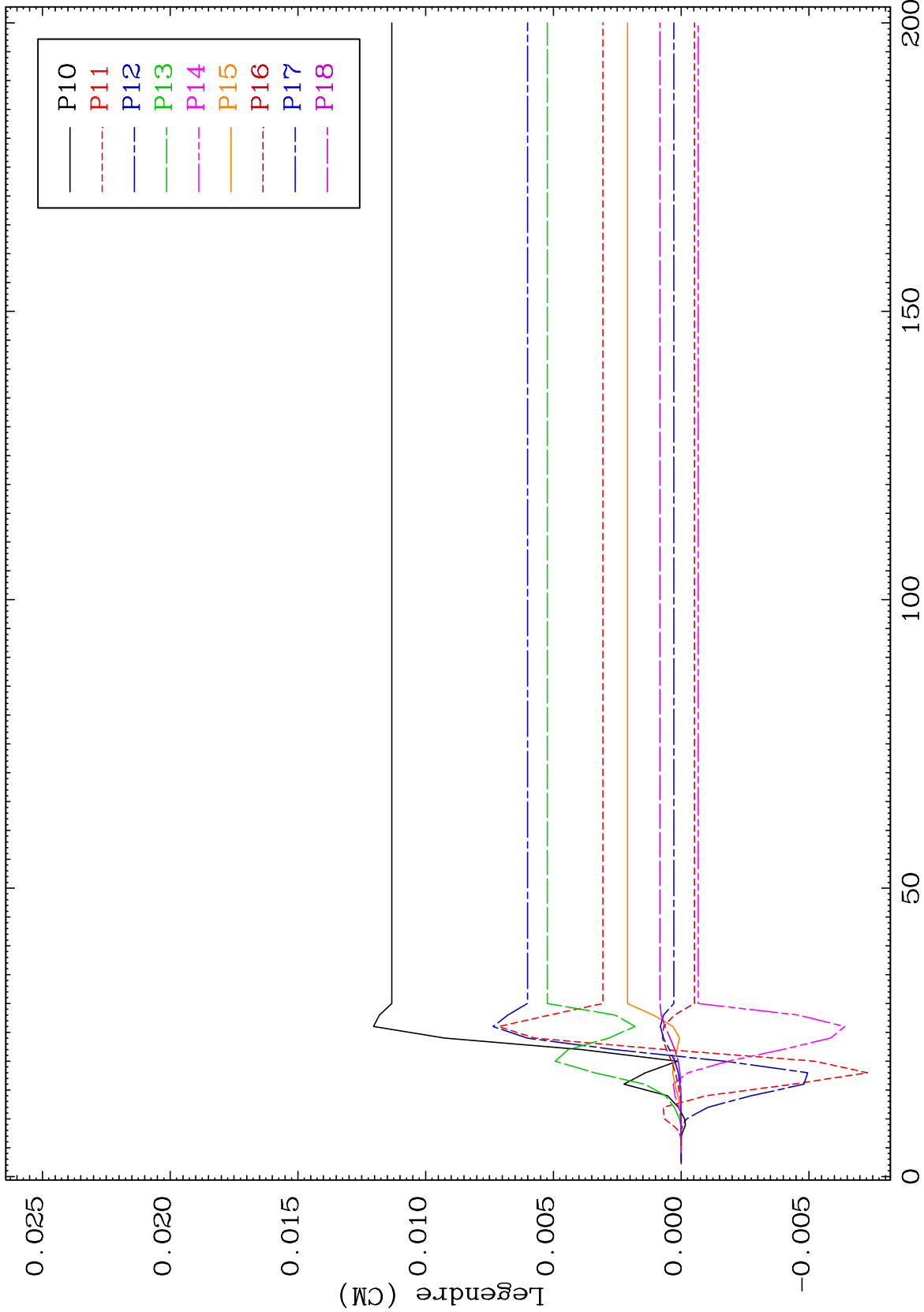
Incident Energy (MeV)

43

MAT 4443

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

44-Ru-102



44

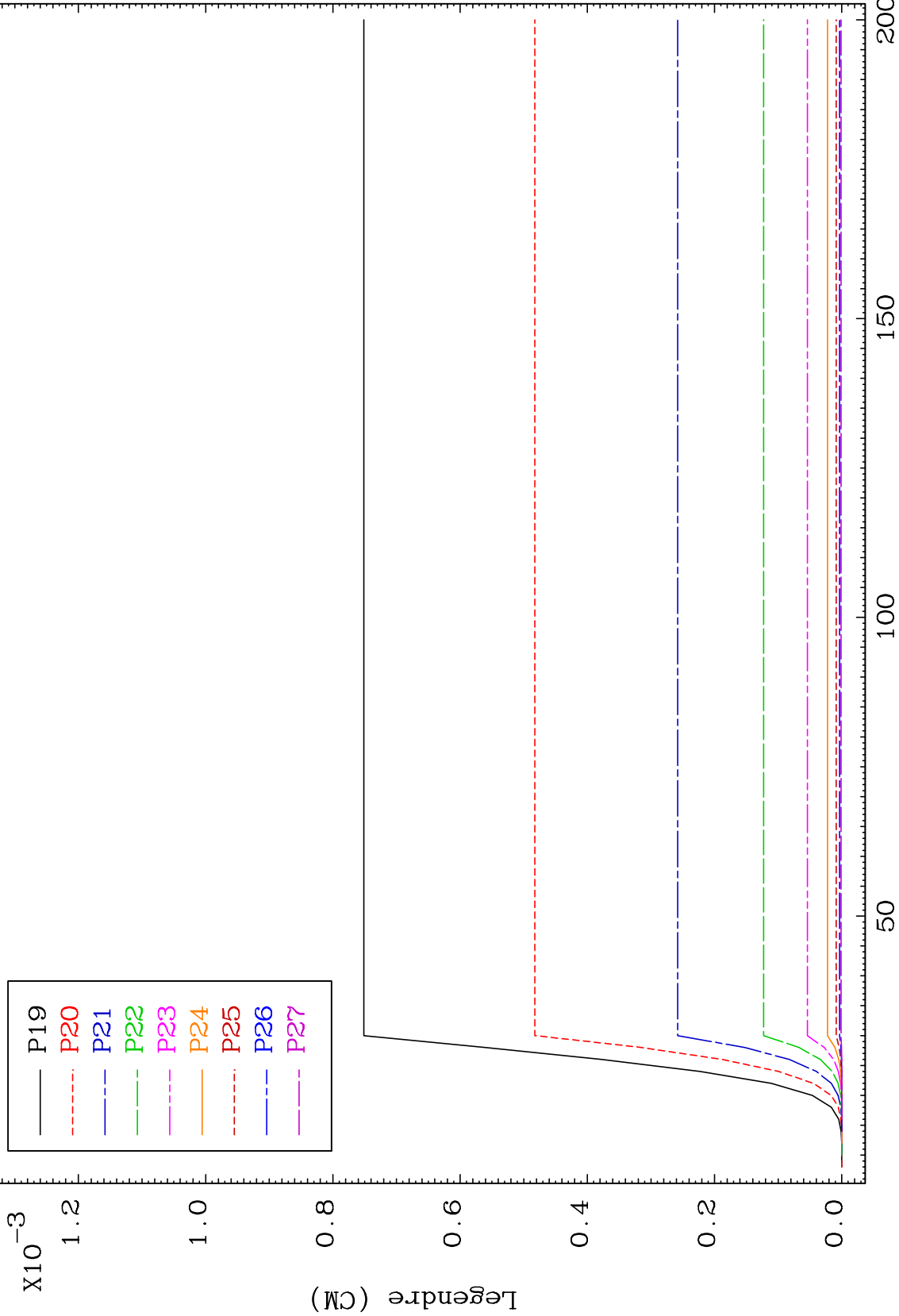
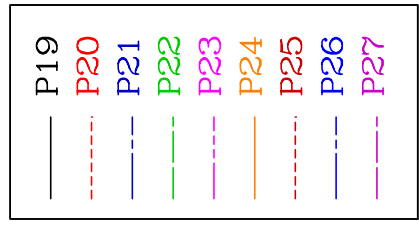
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



45

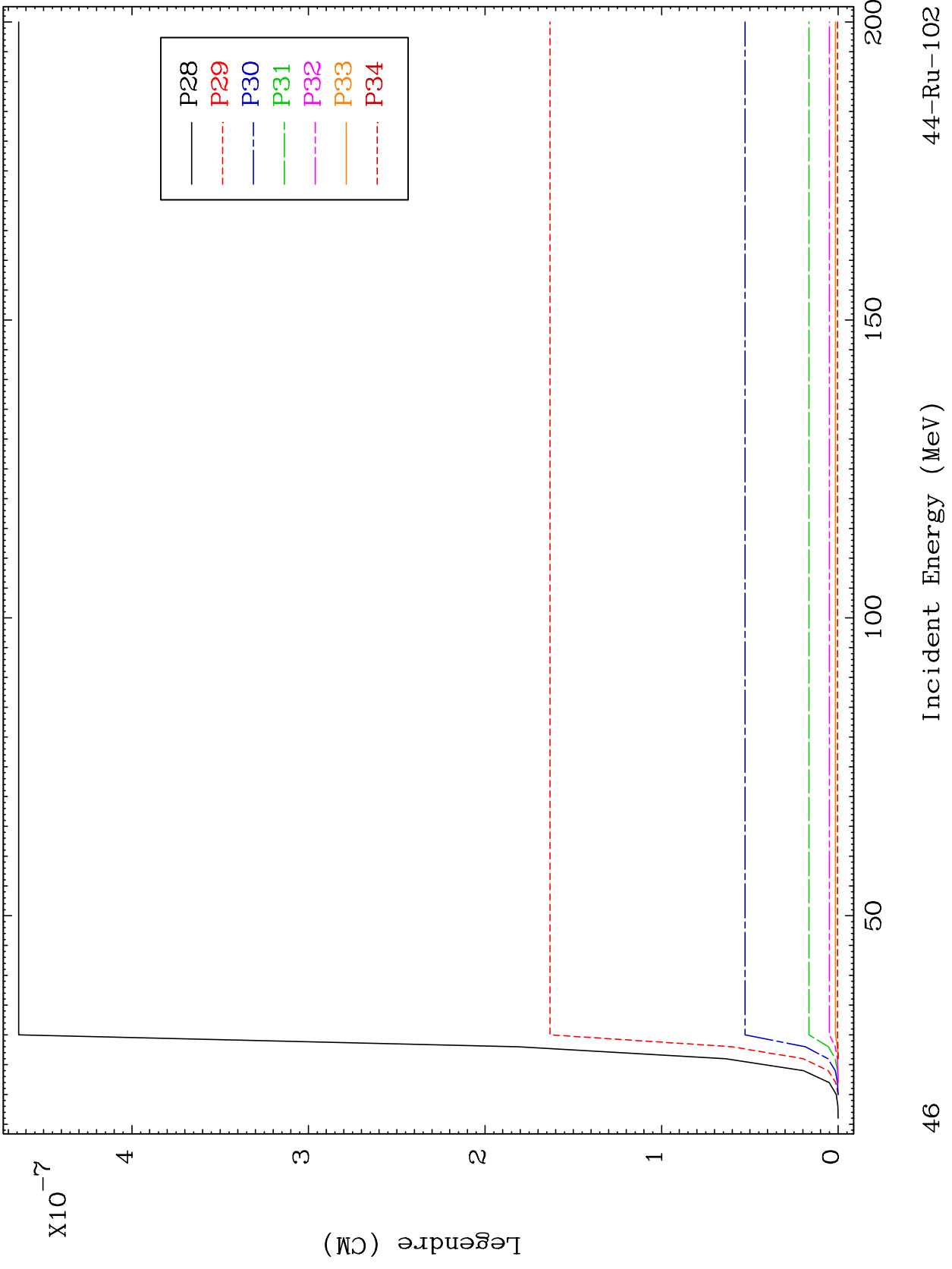
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



46

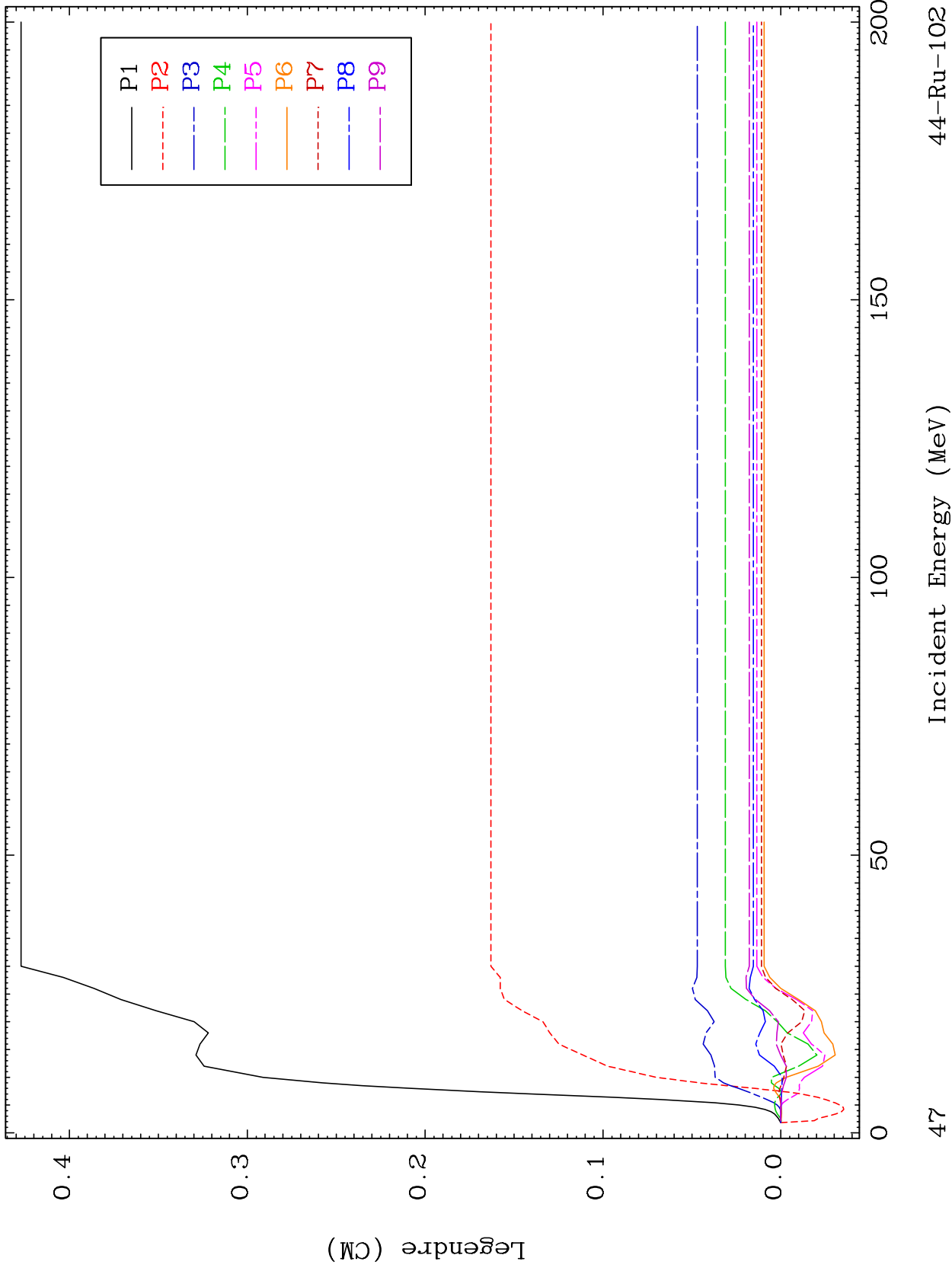
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

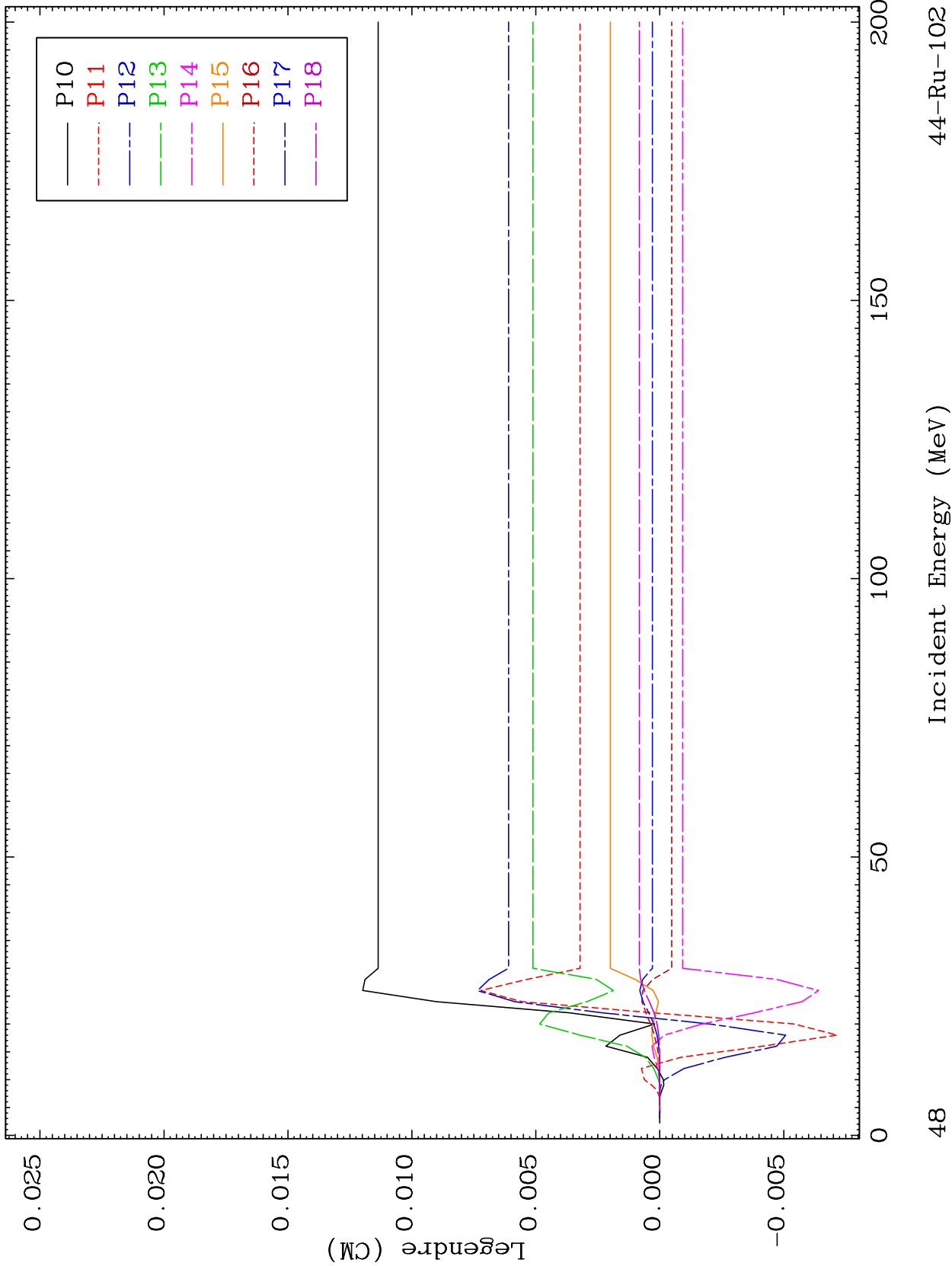
Incident Energy (MeV)

47

MAT 4443

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

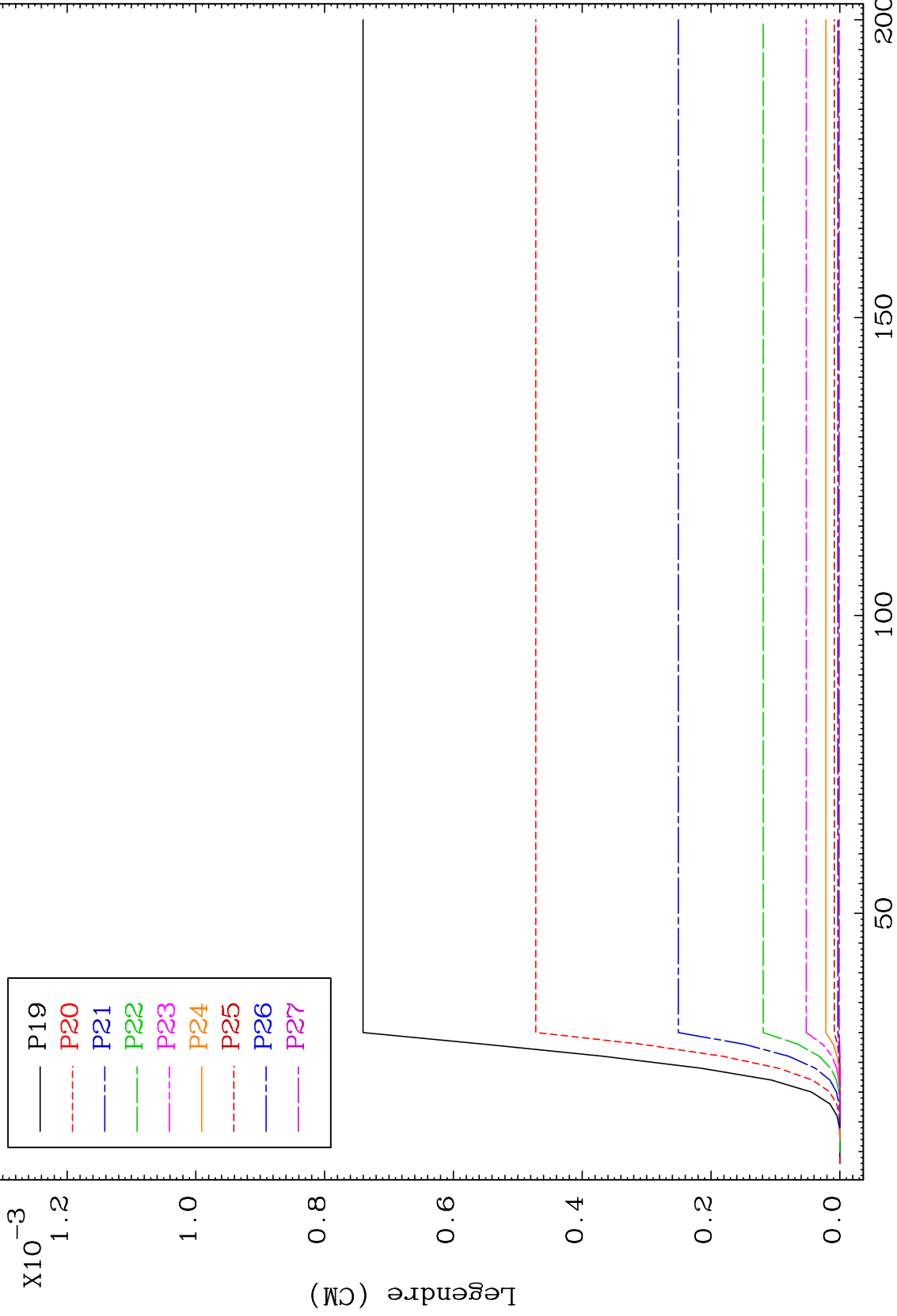
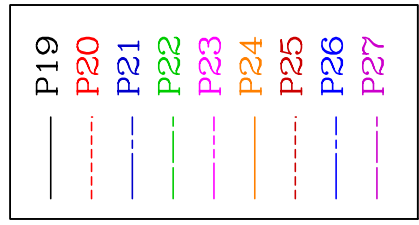
44-Ru-102



48

Incident Energy (MeV)

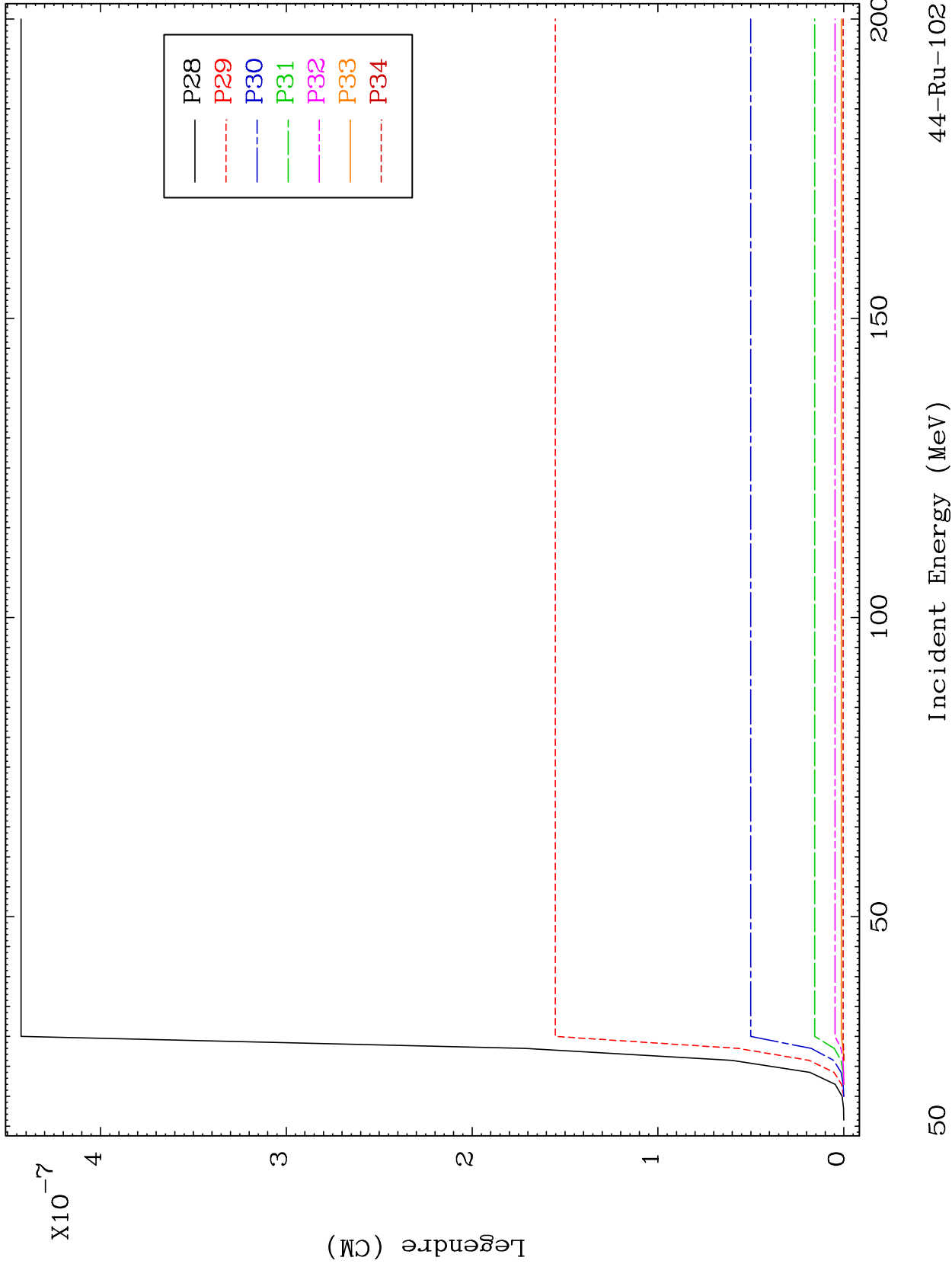
44-Ru-102



MAT 4443

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

44-Ru-102



44-Ru-102

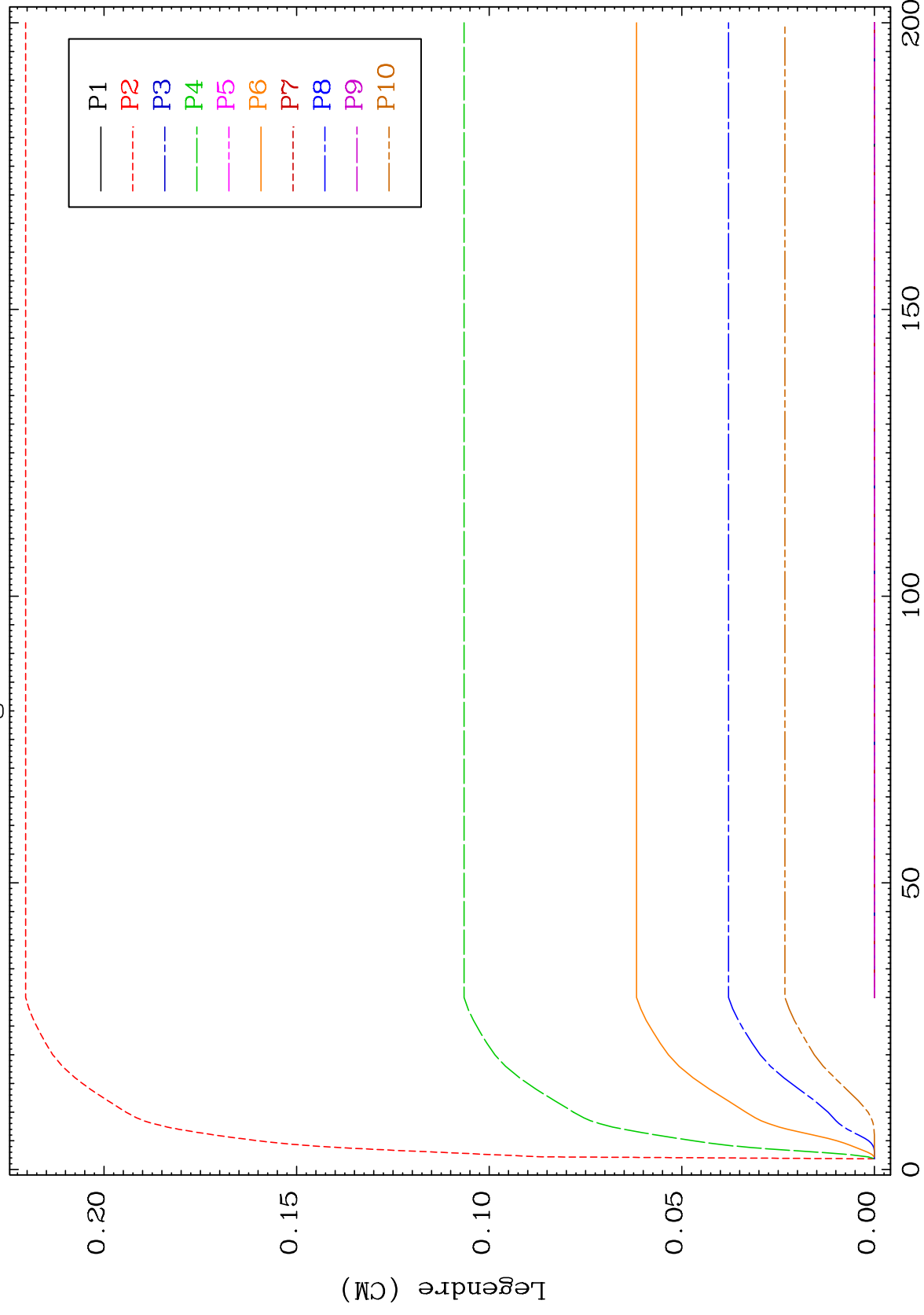
Incident Energy (MeV)

50

MAT 4443

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

44-Ru-102



51

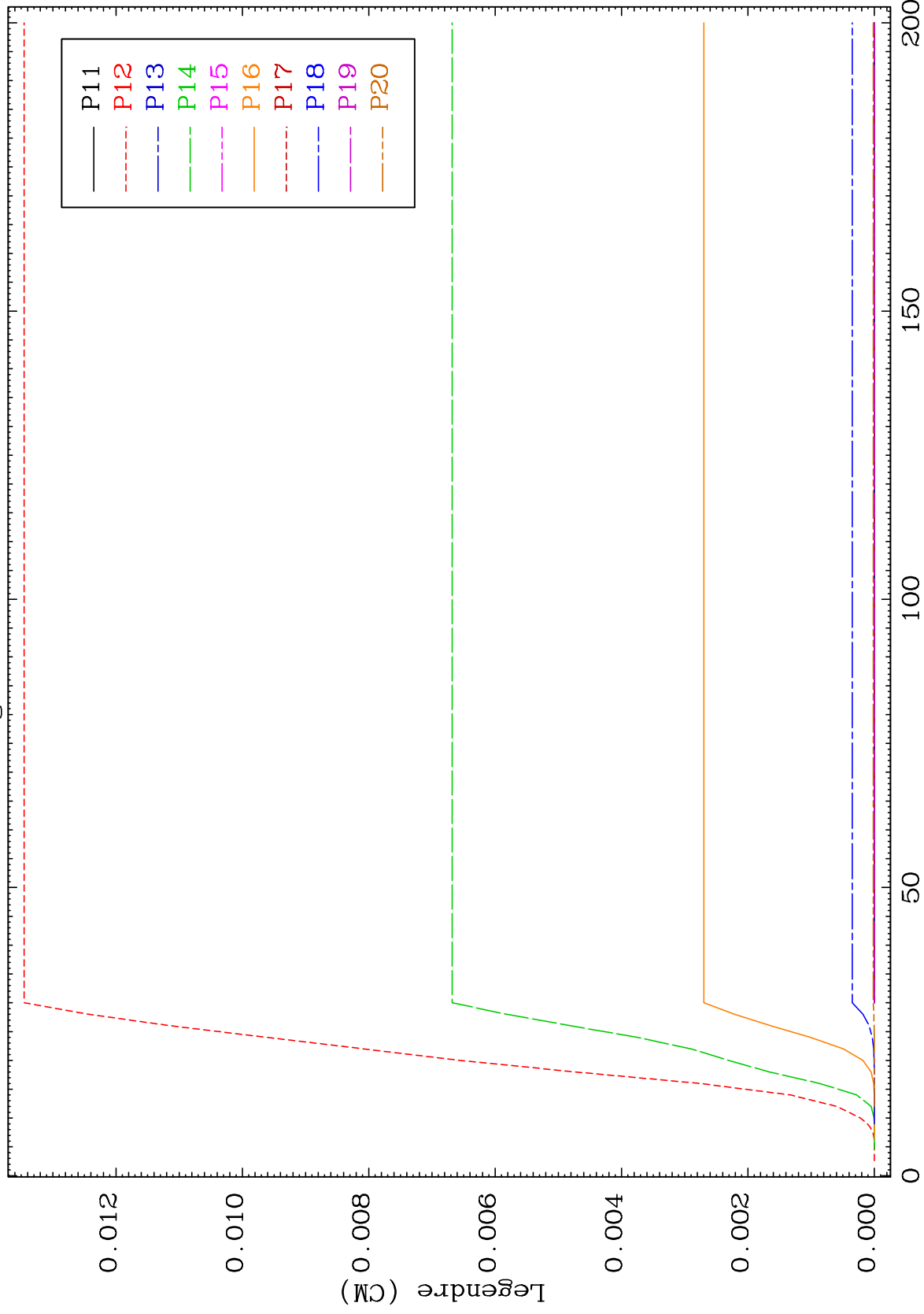
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

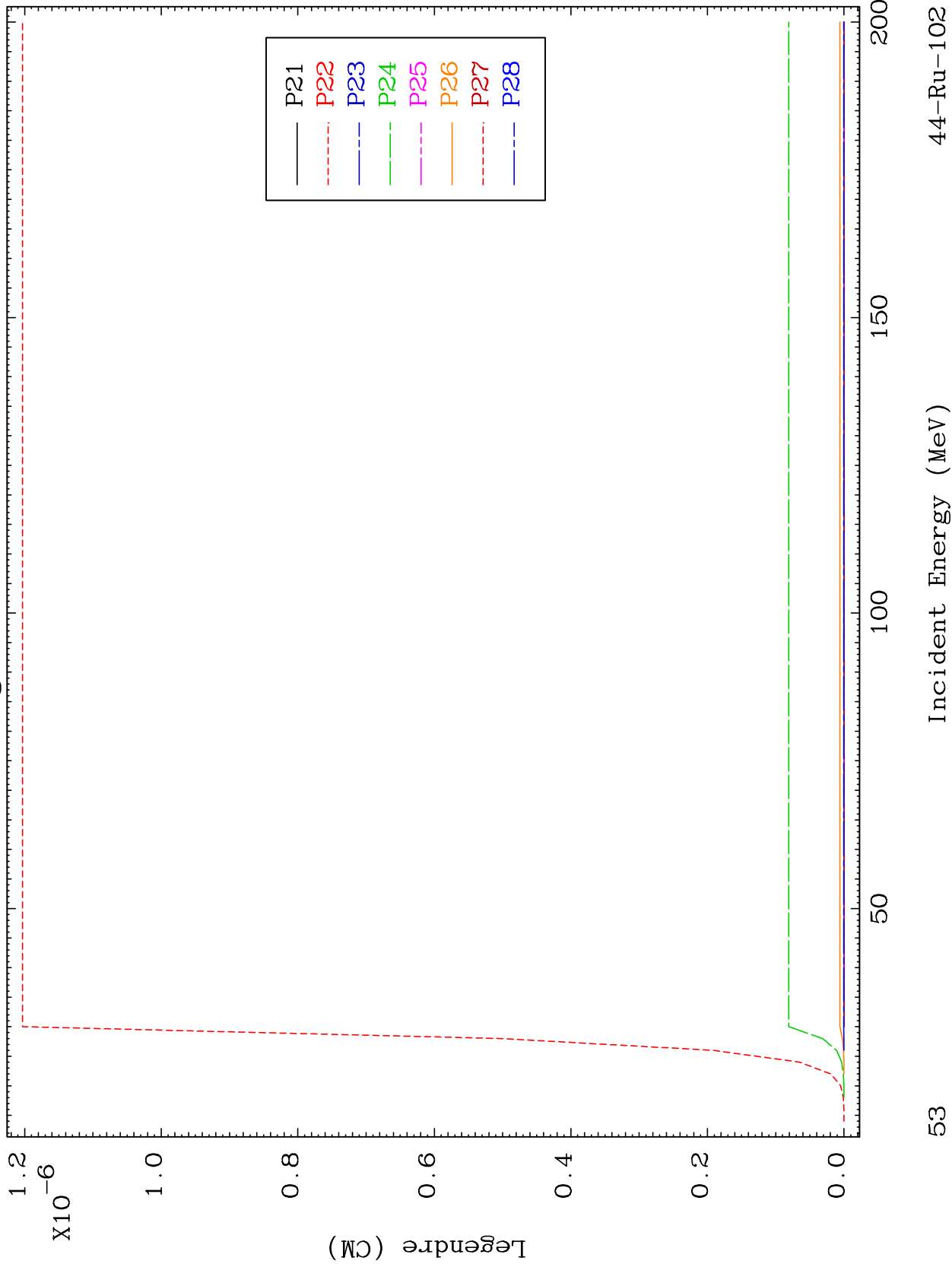
Incident Energy (MeV)

52

MAT 4443

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

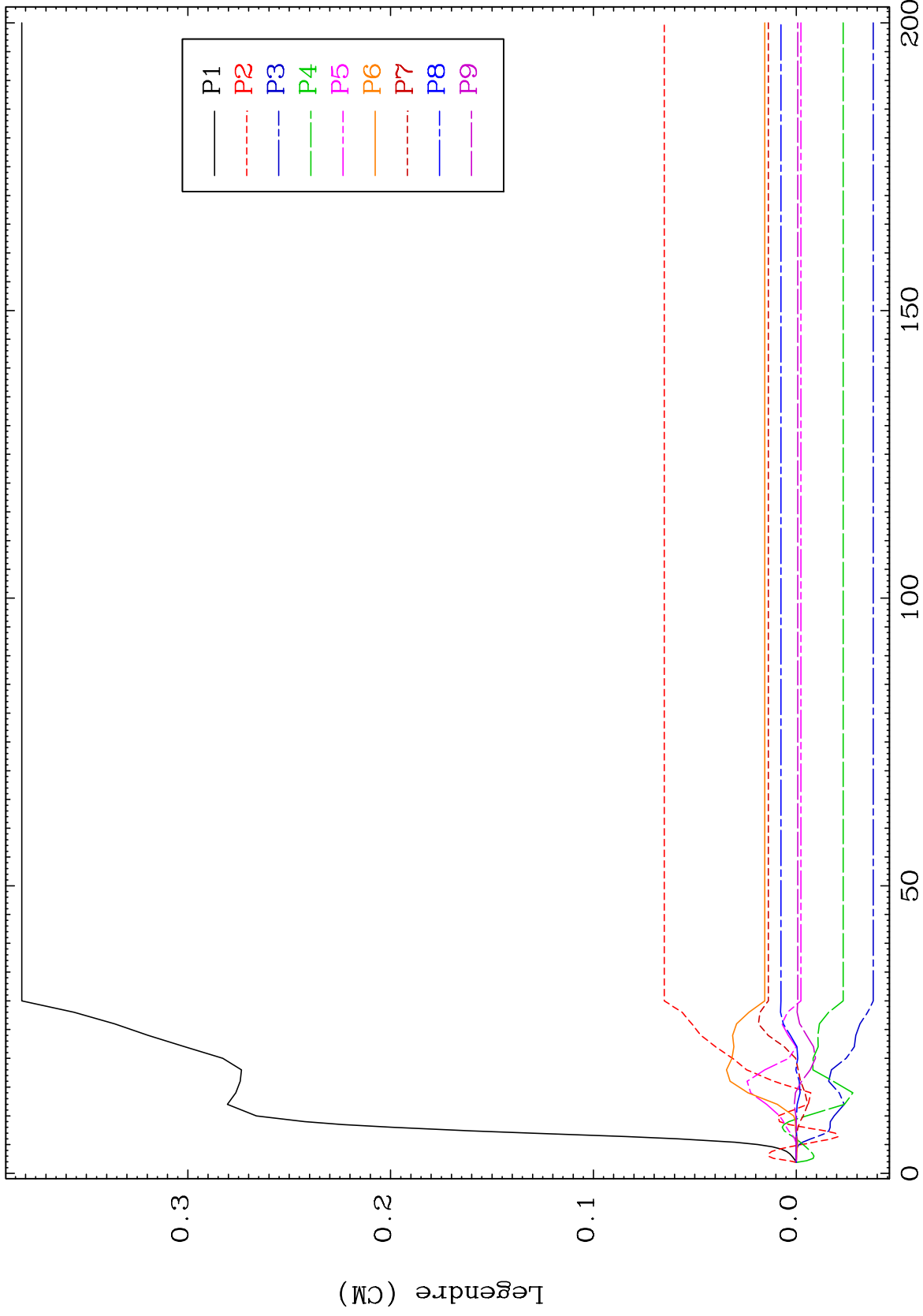
44-Ru-102



MAT 4443

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

44-Ru-102



54

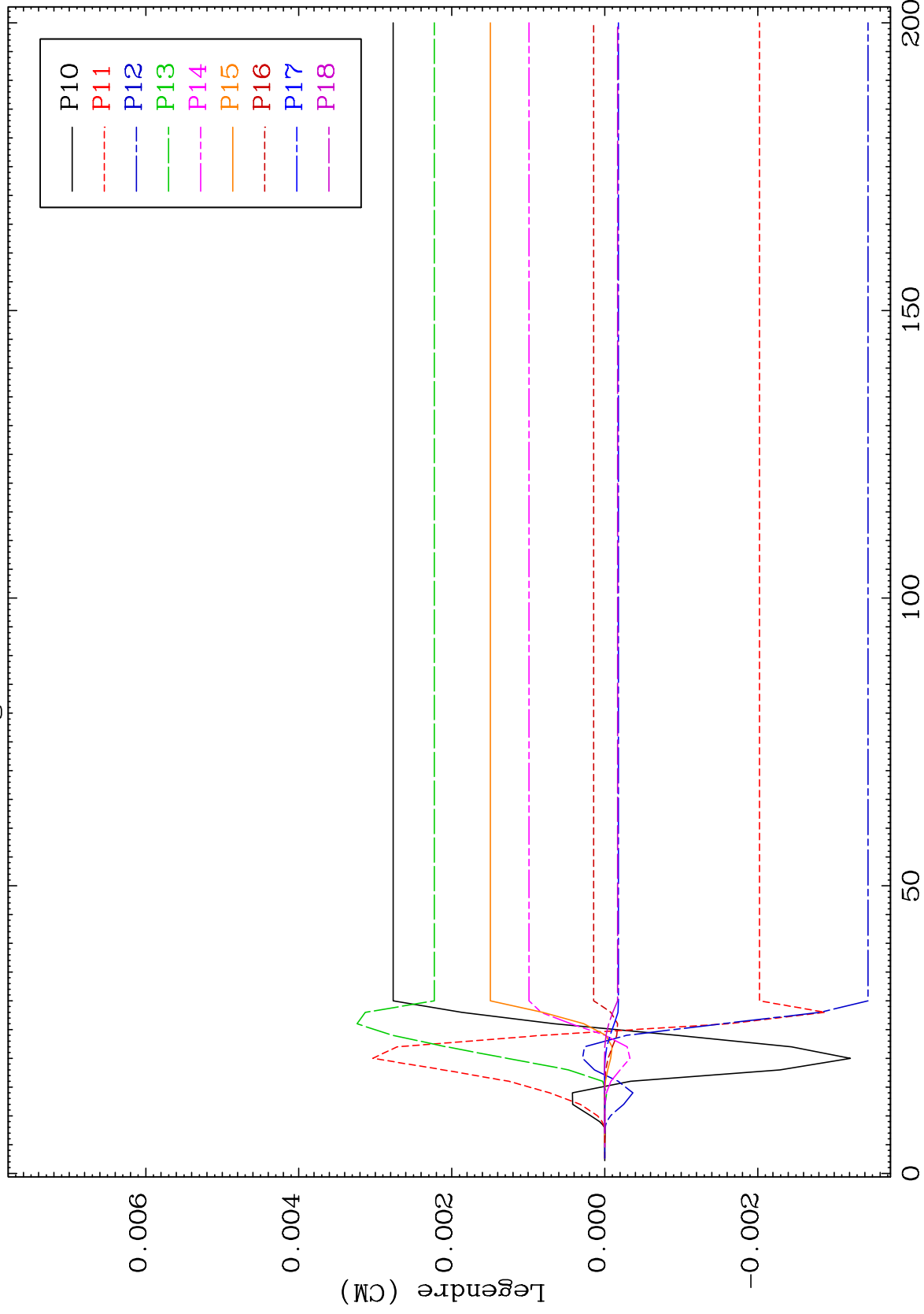
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



55

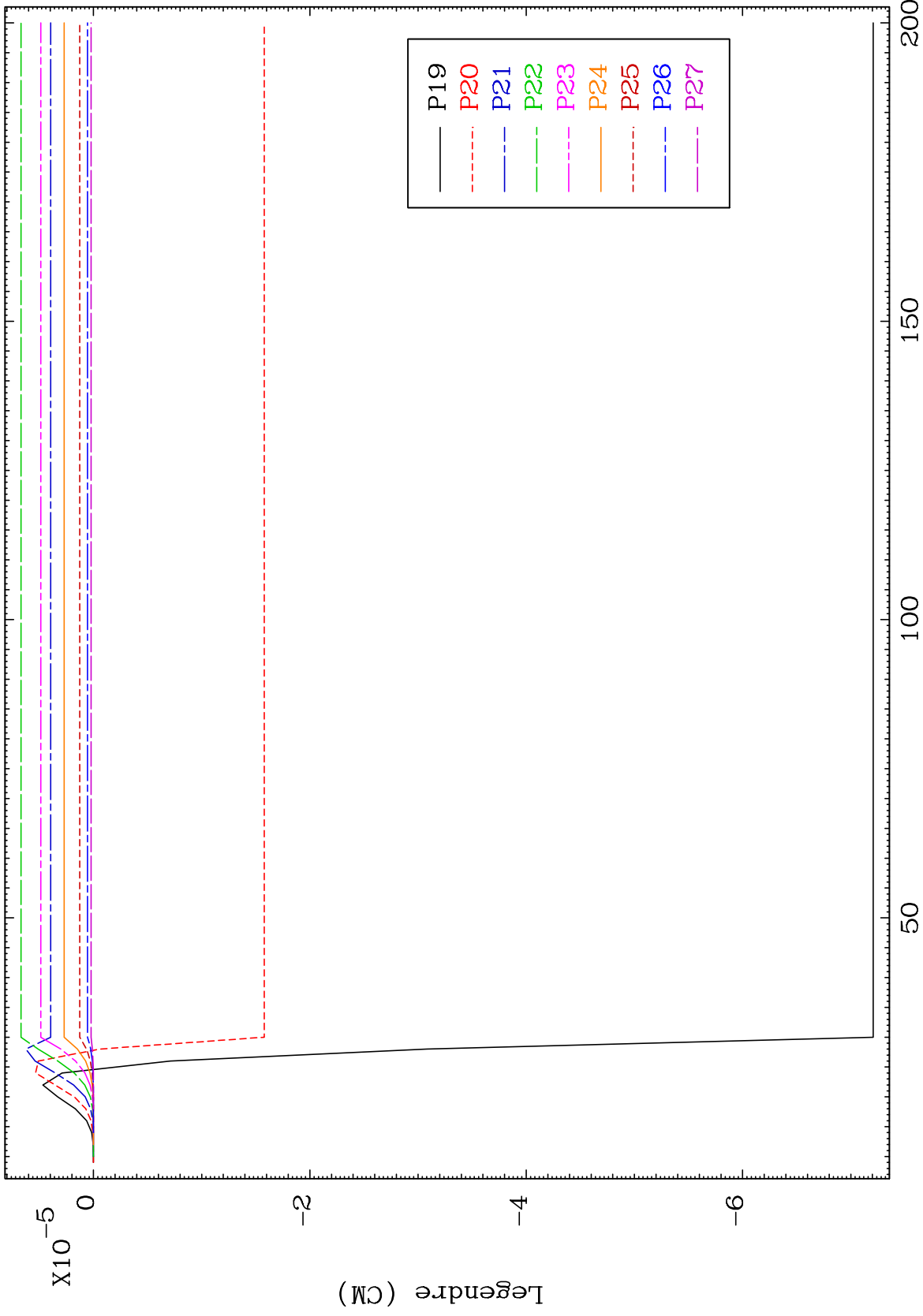
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



56

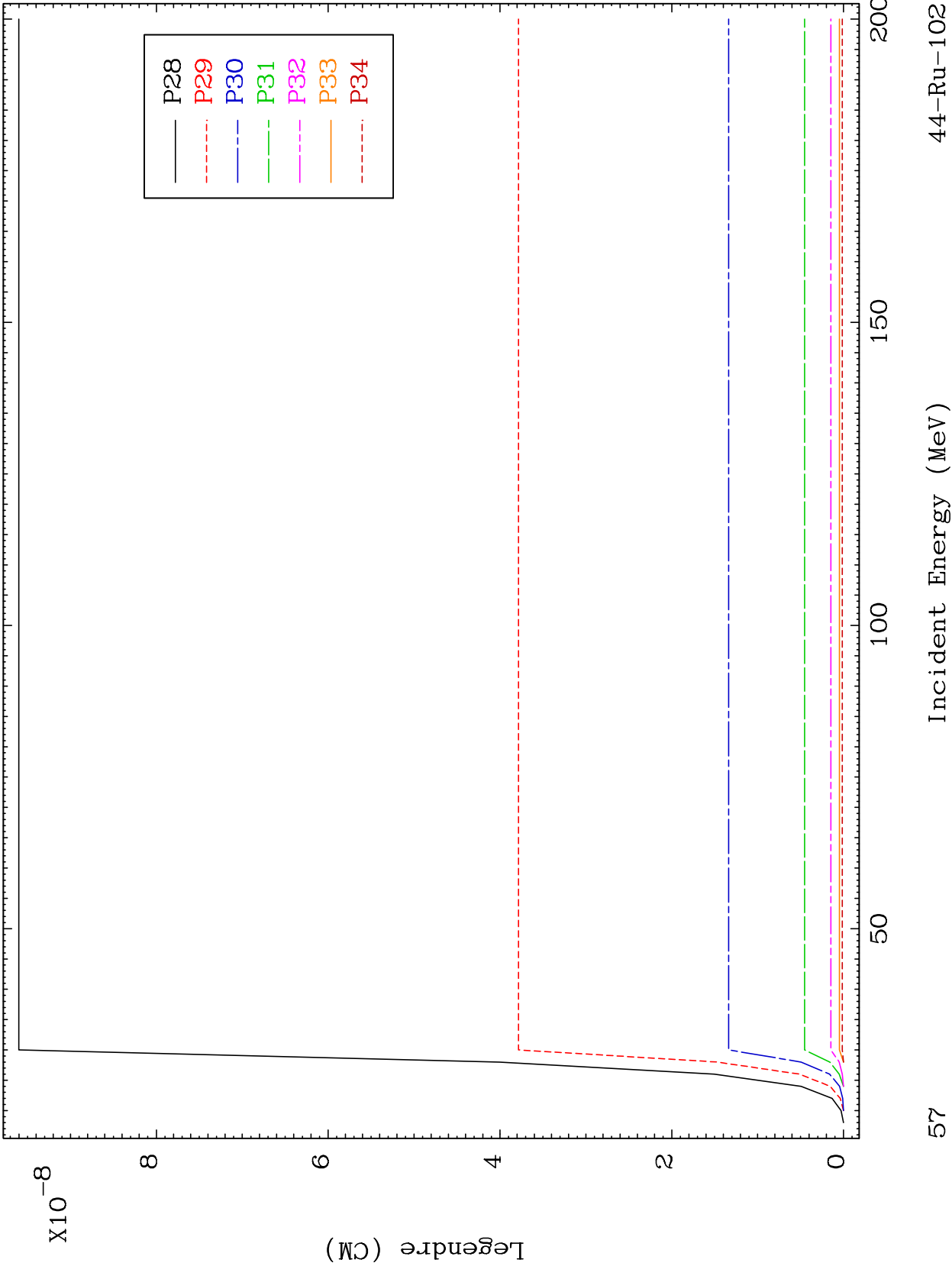
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

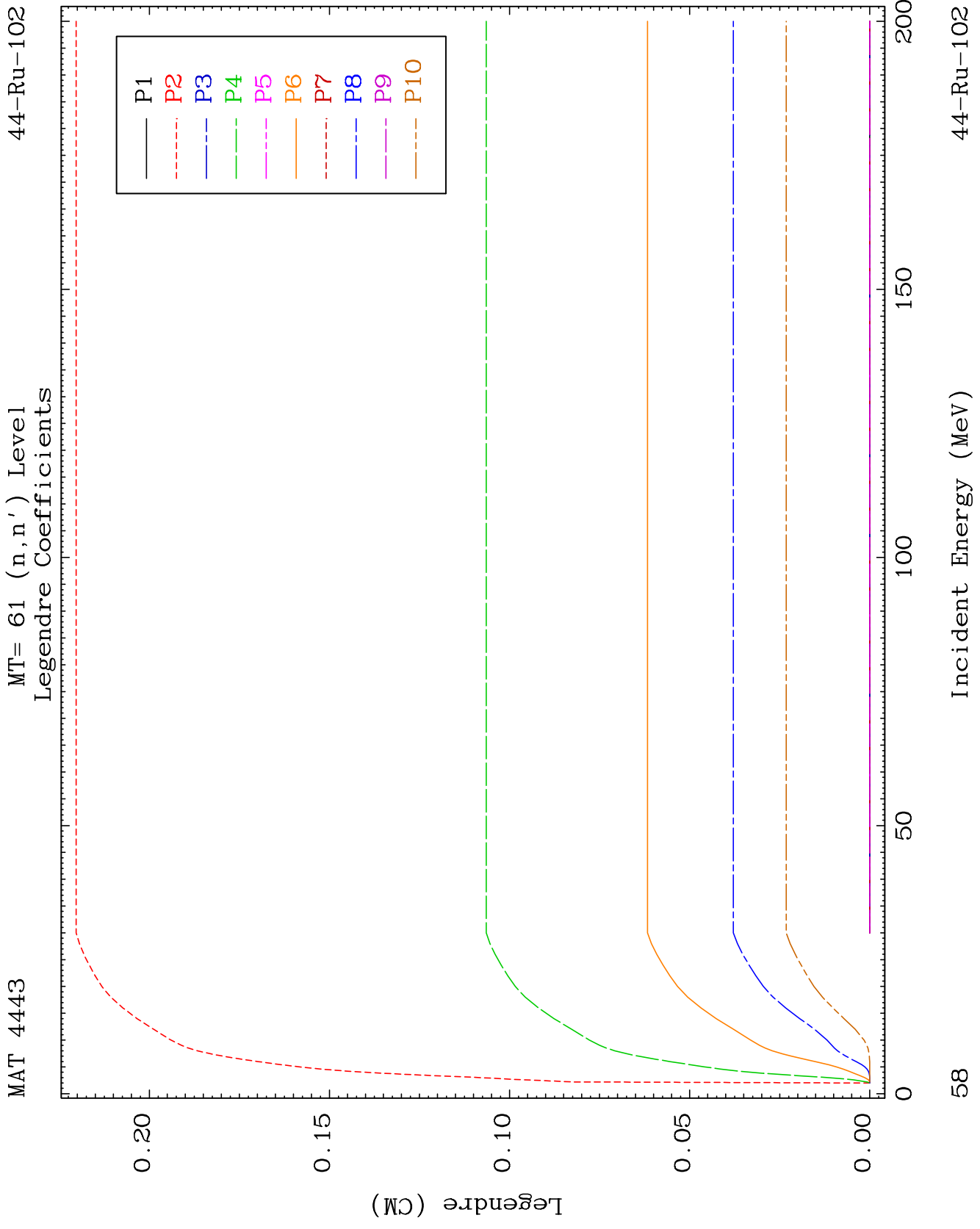
44-Ru-102



57

Incident Energy (MeV)

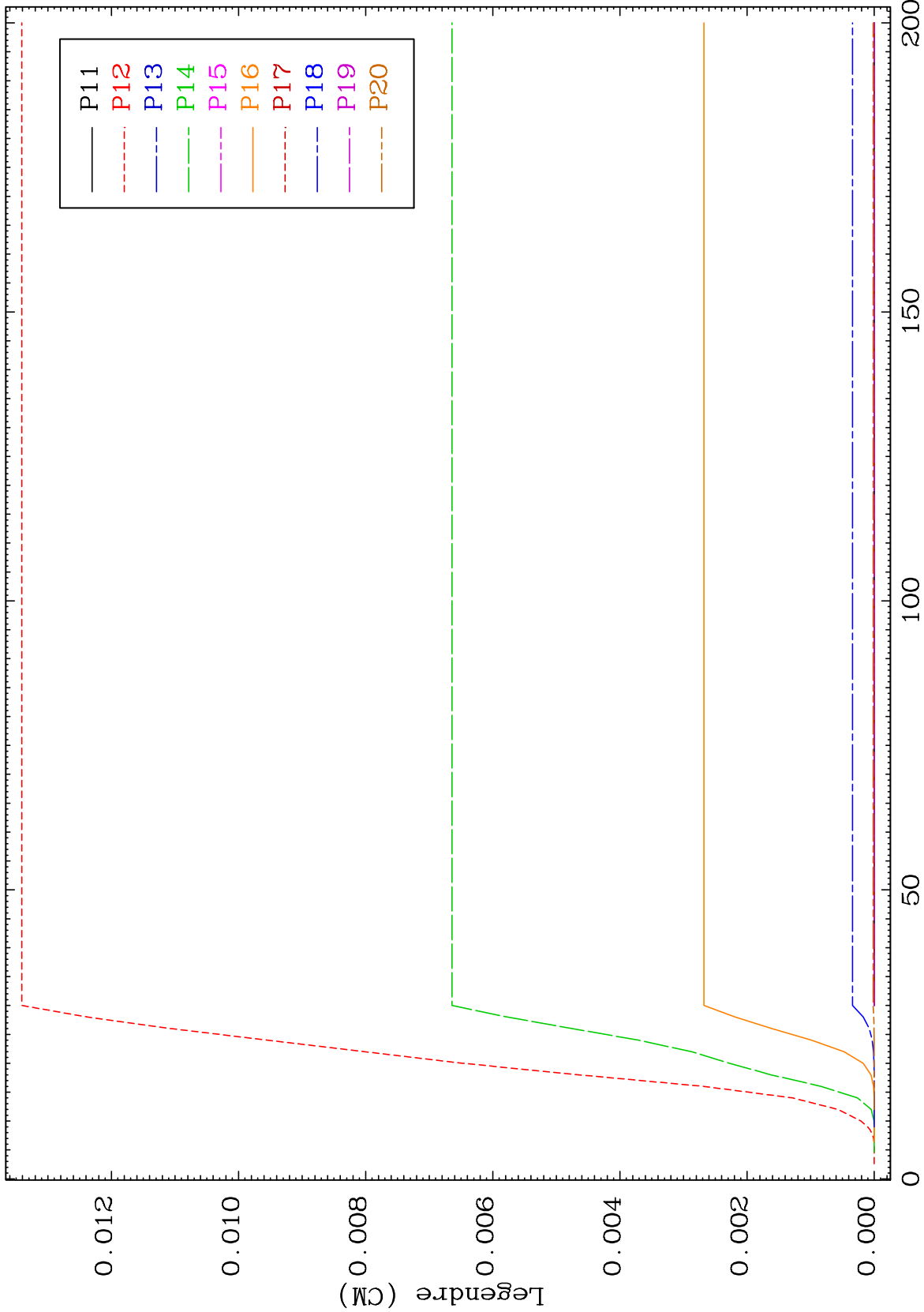
44-Ru-102



MAT 4443

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

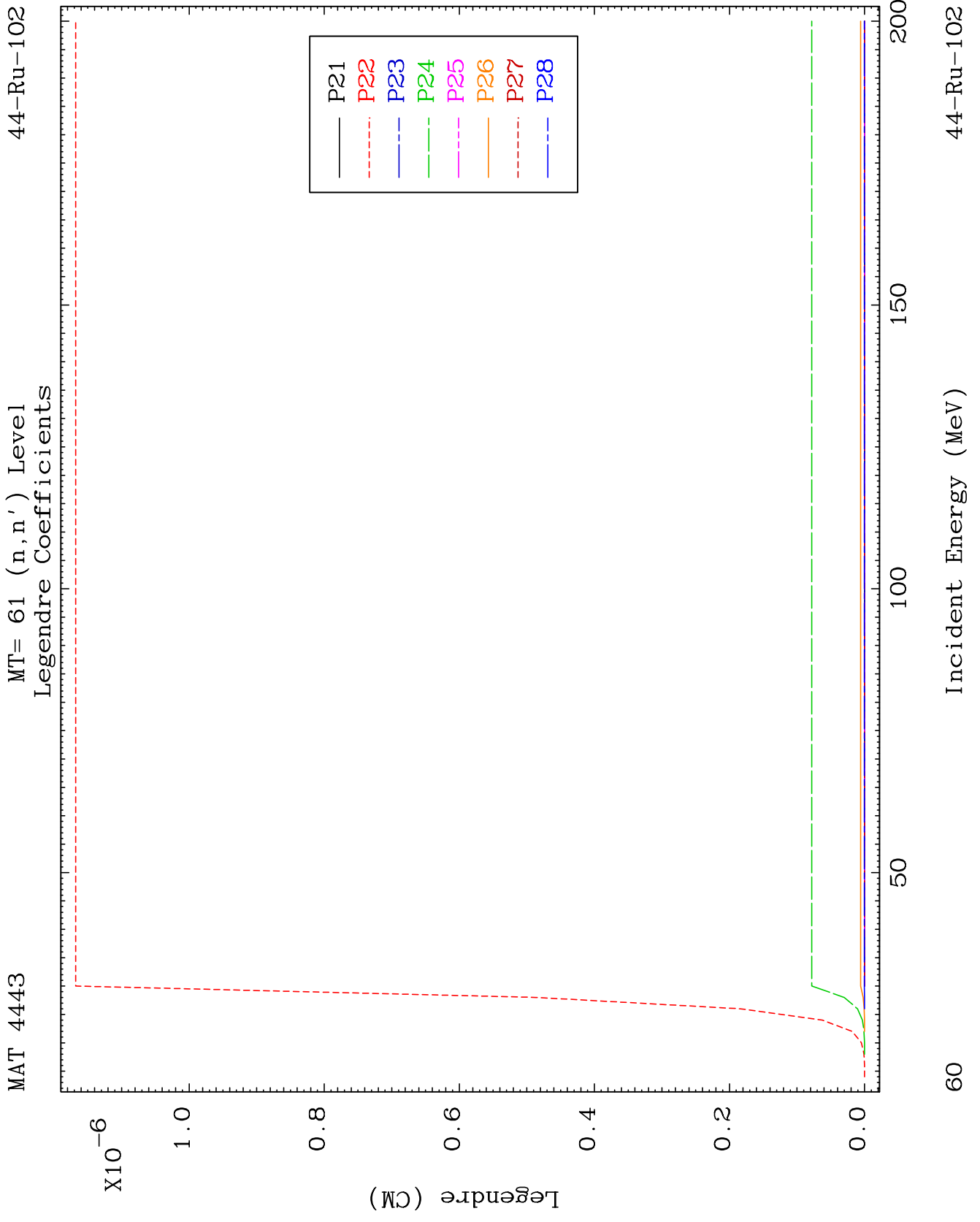
44-Ru-102



59

Incident Energy (MeV)

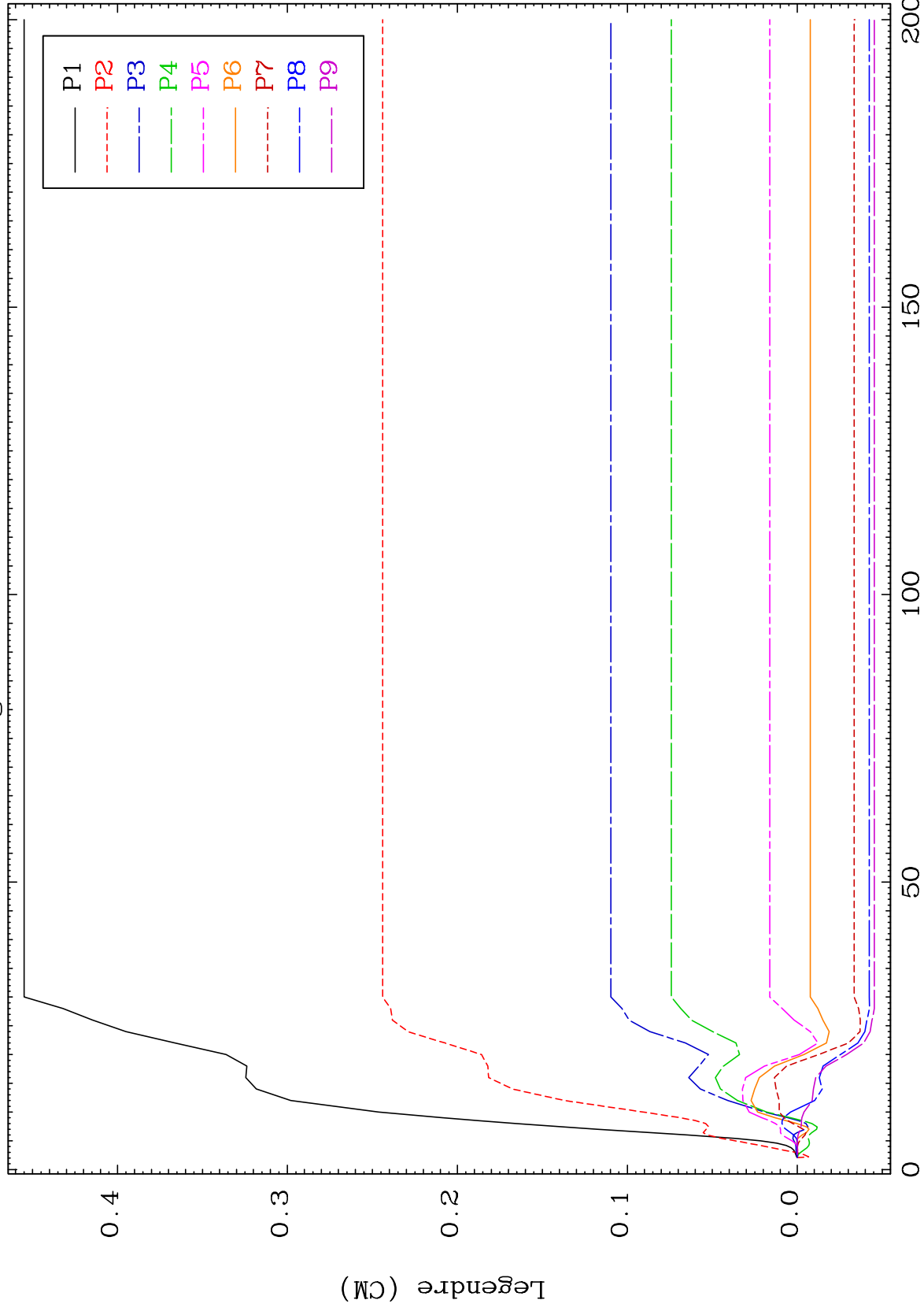
44-Ru-102



MAT 4443

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

44-Ru-102



61

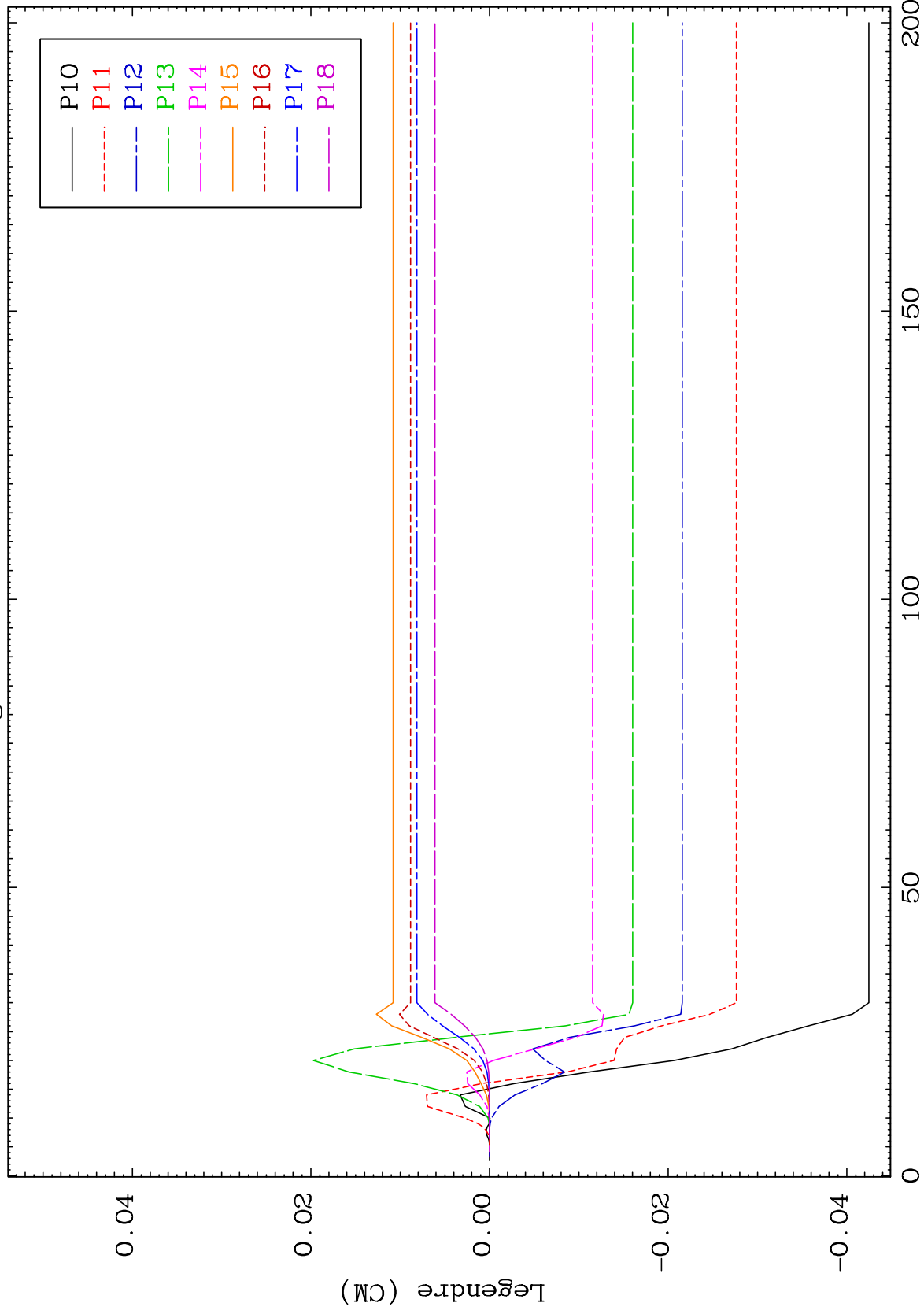
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



62

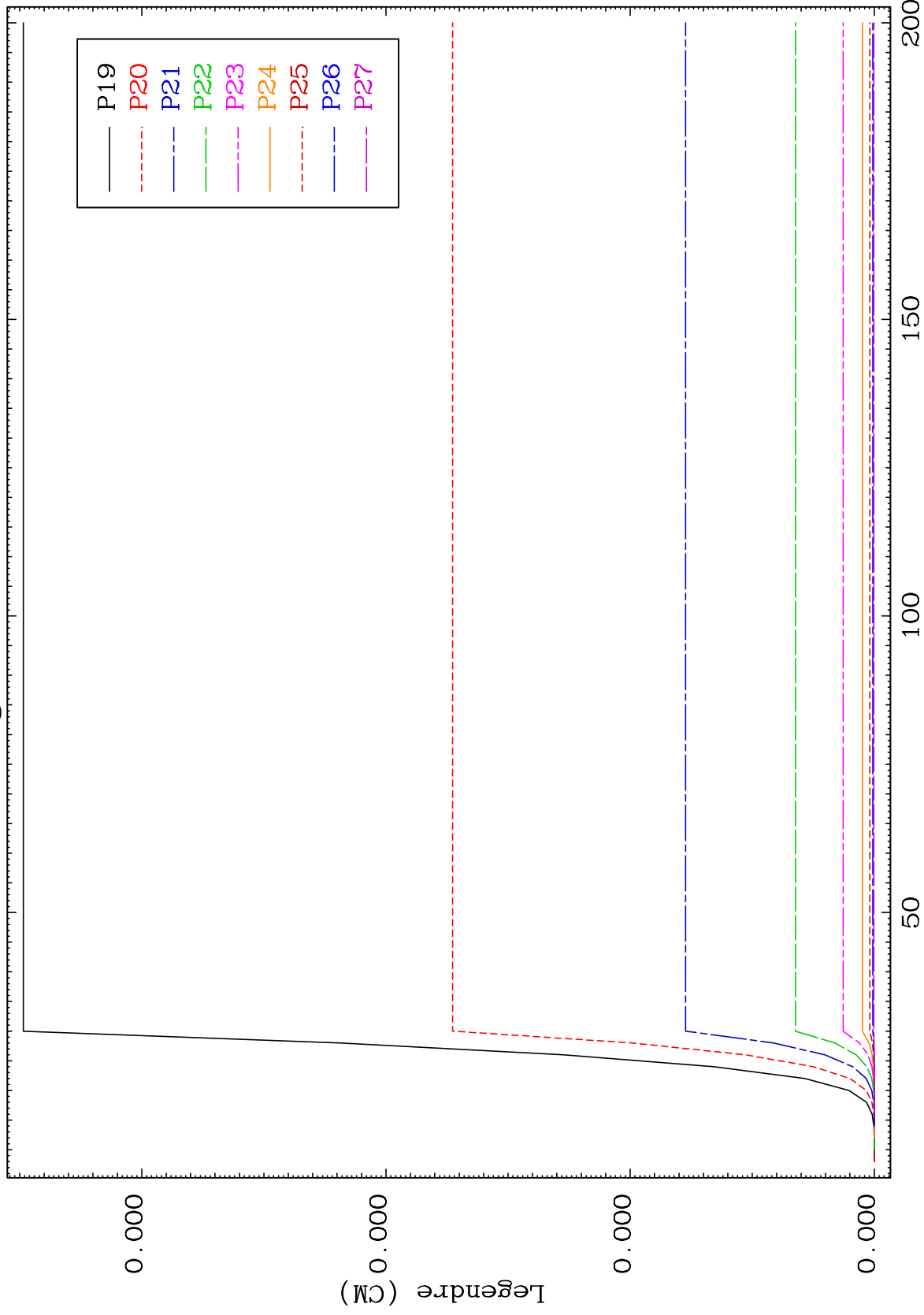
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



63

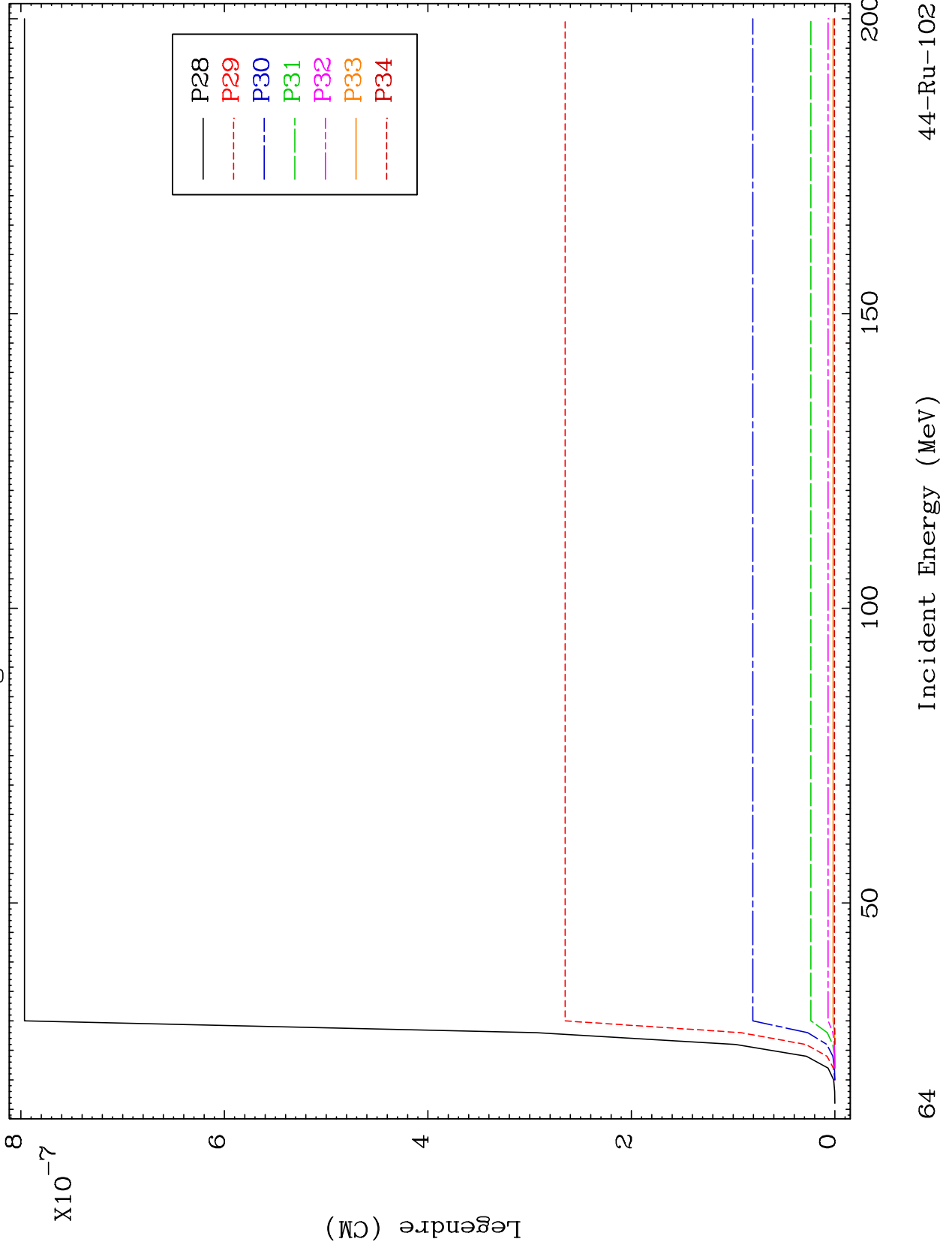
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

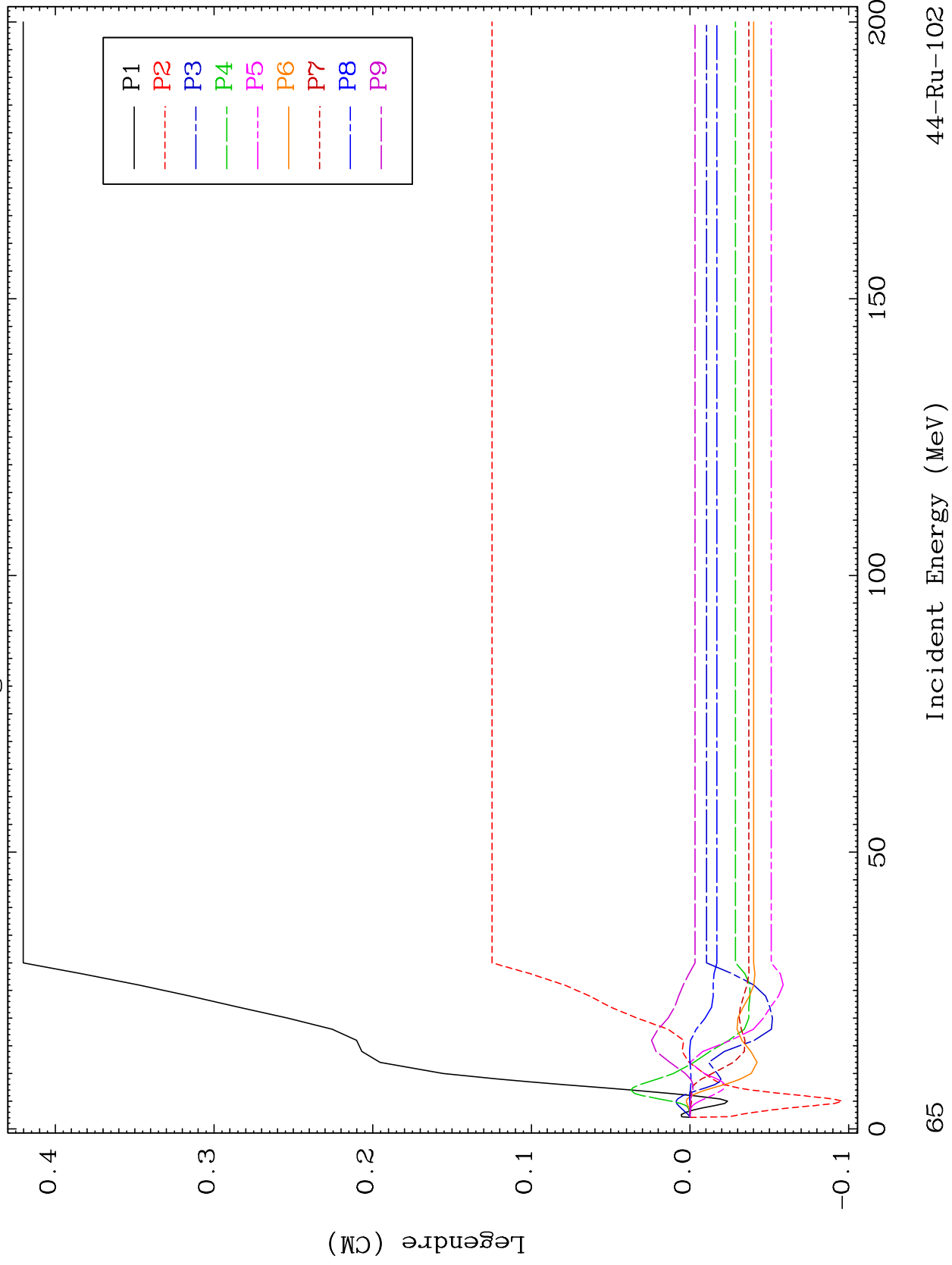
44-Ru-102



MAT 4443

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

44-Ru-102



44-Ru-102

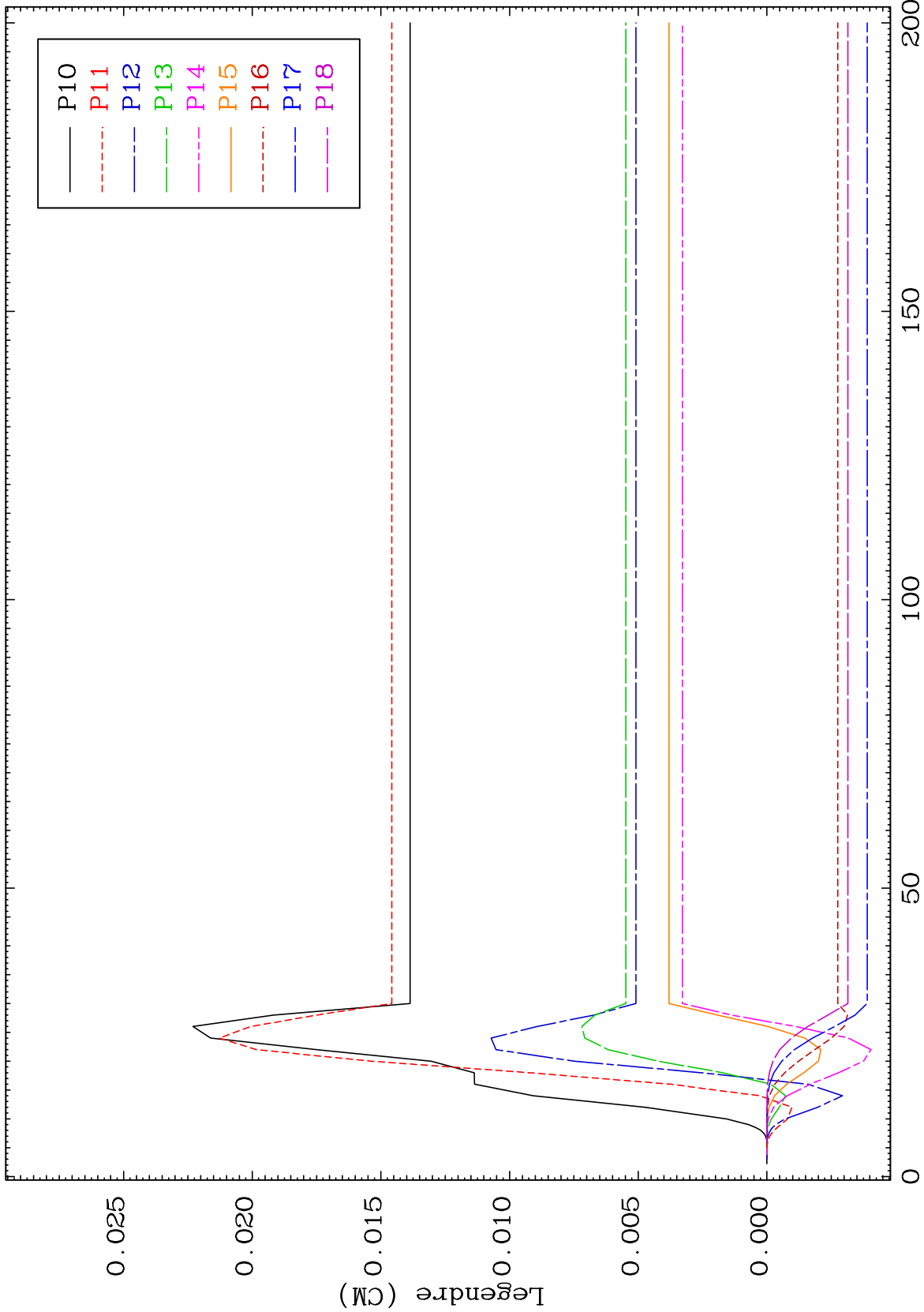
Incident Energy (MeV)

65

MAT 4443

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

44-Ru-102



66

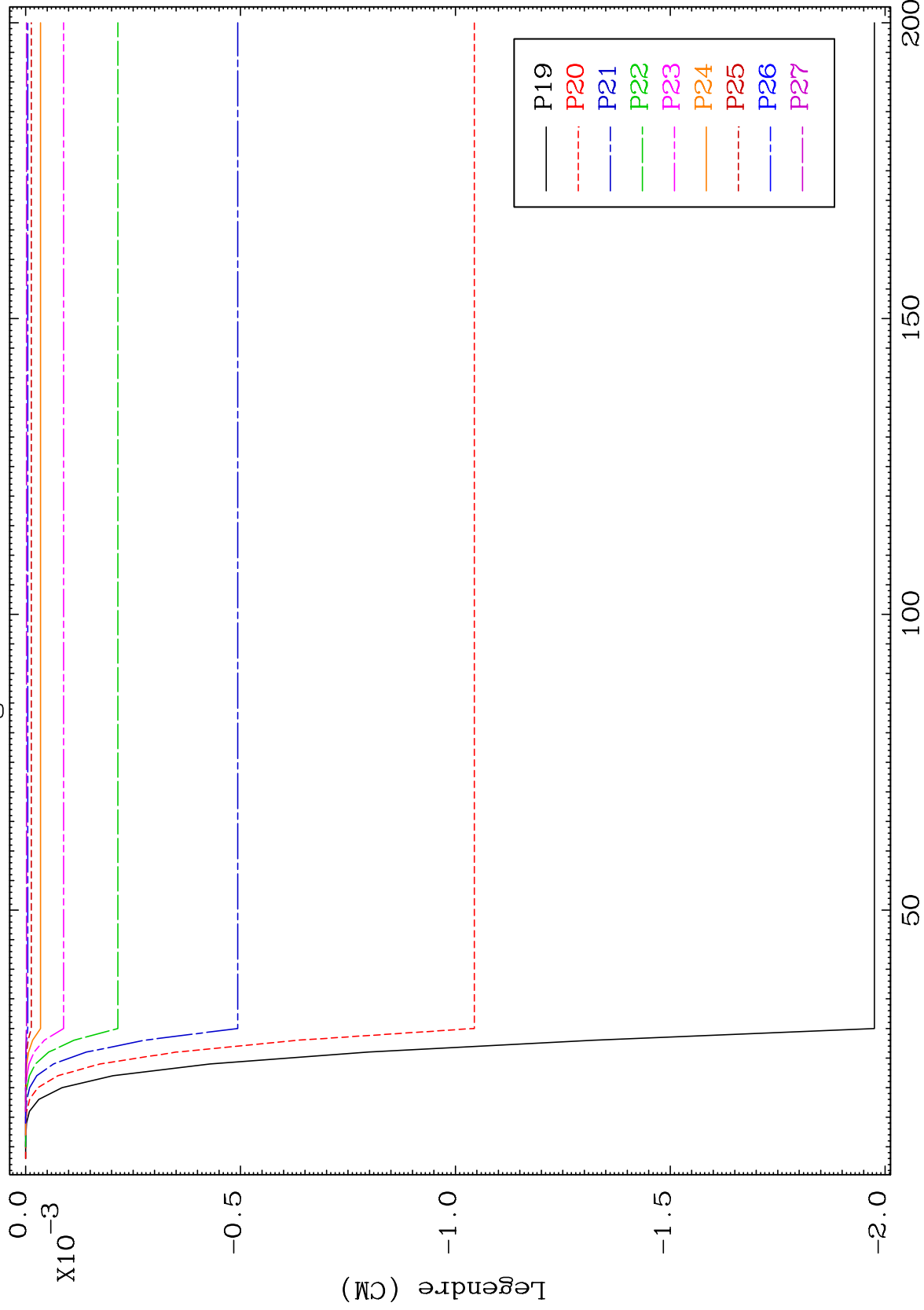
44-Ru-102

MAT 4443

MT= 63 (n,n') Level

44-Ru-102

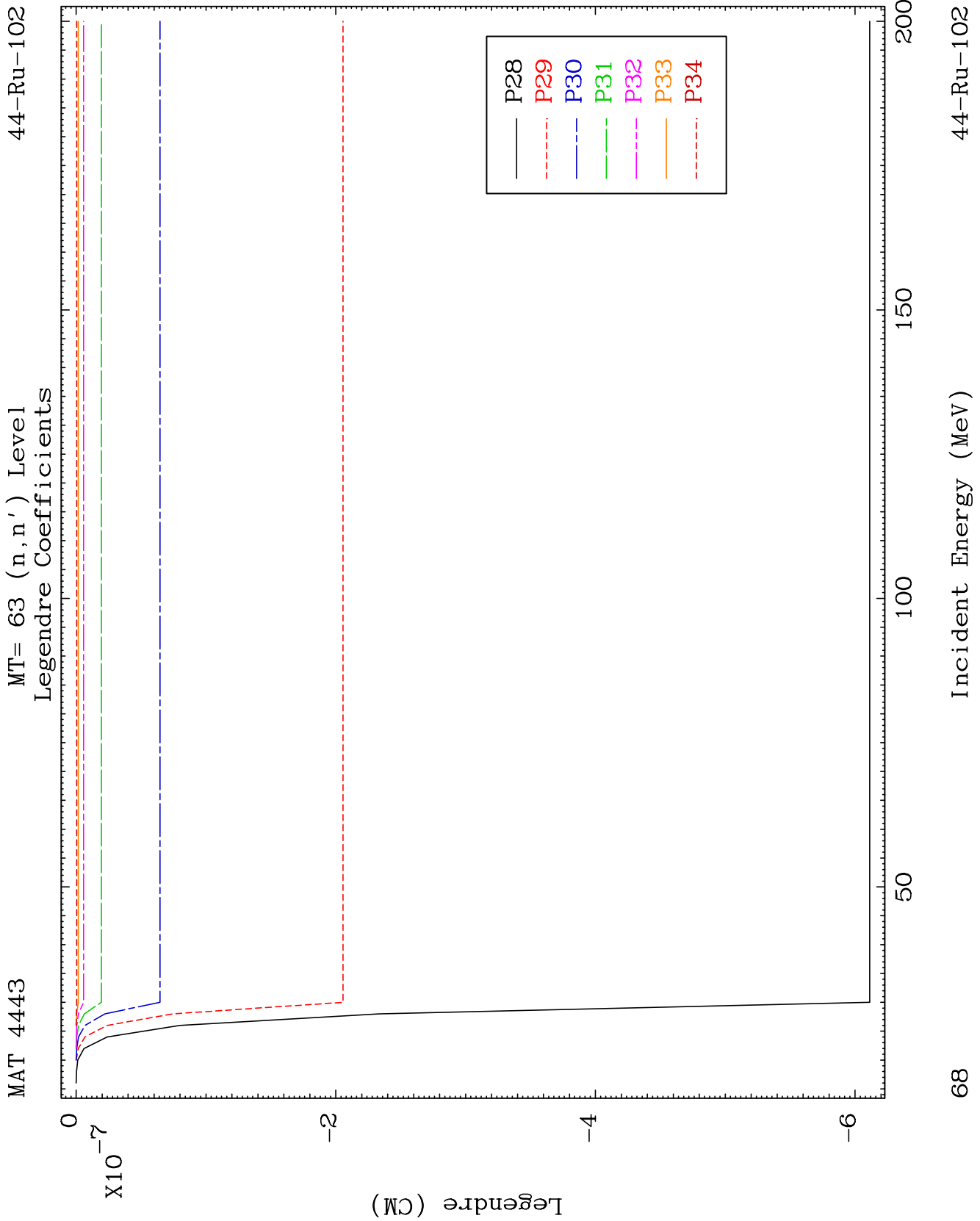
Legendre Coefficients



67

Incident Energy (MeV)

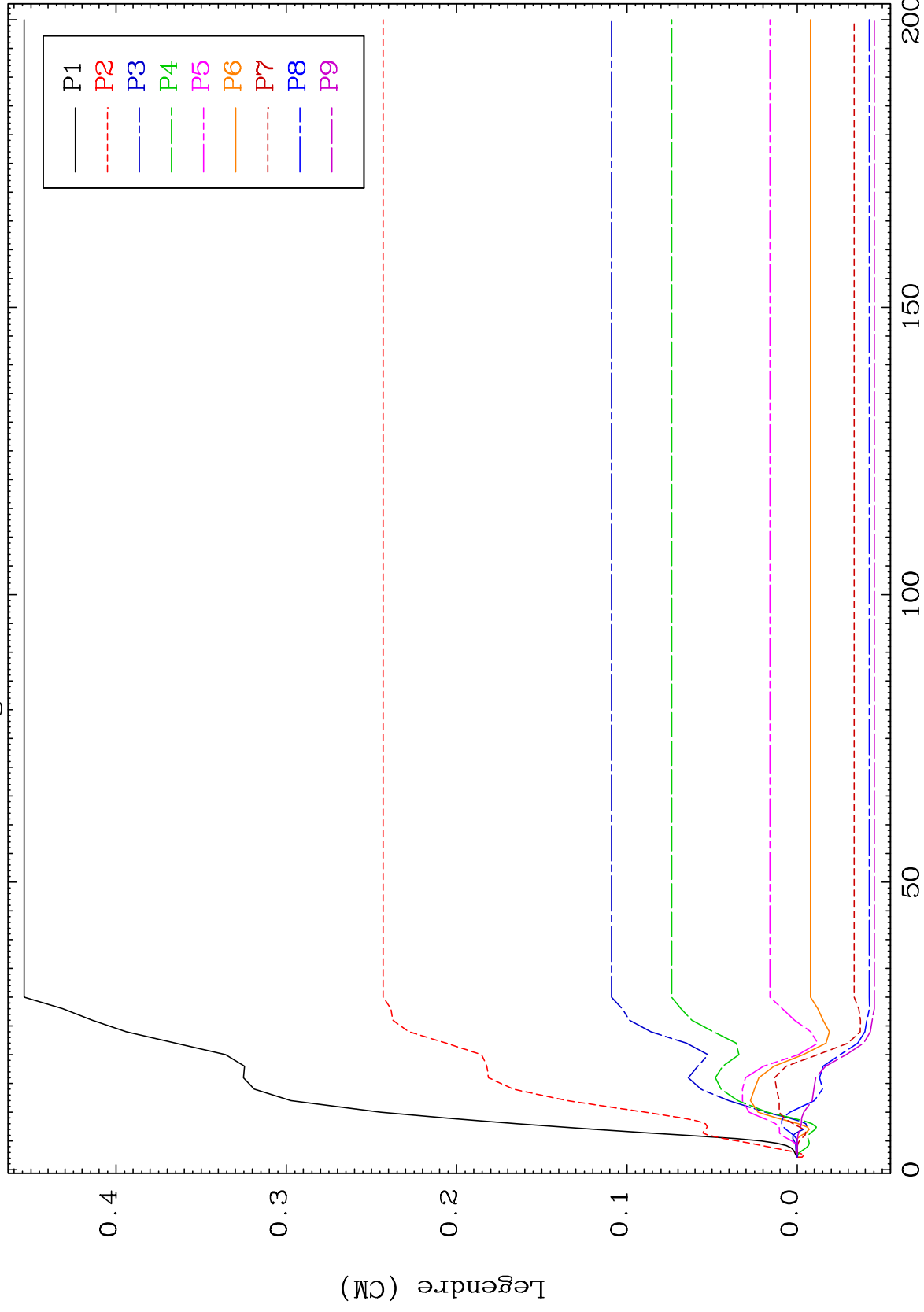
44-Ru-102



MAT 4443

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

44-Ru-102



69

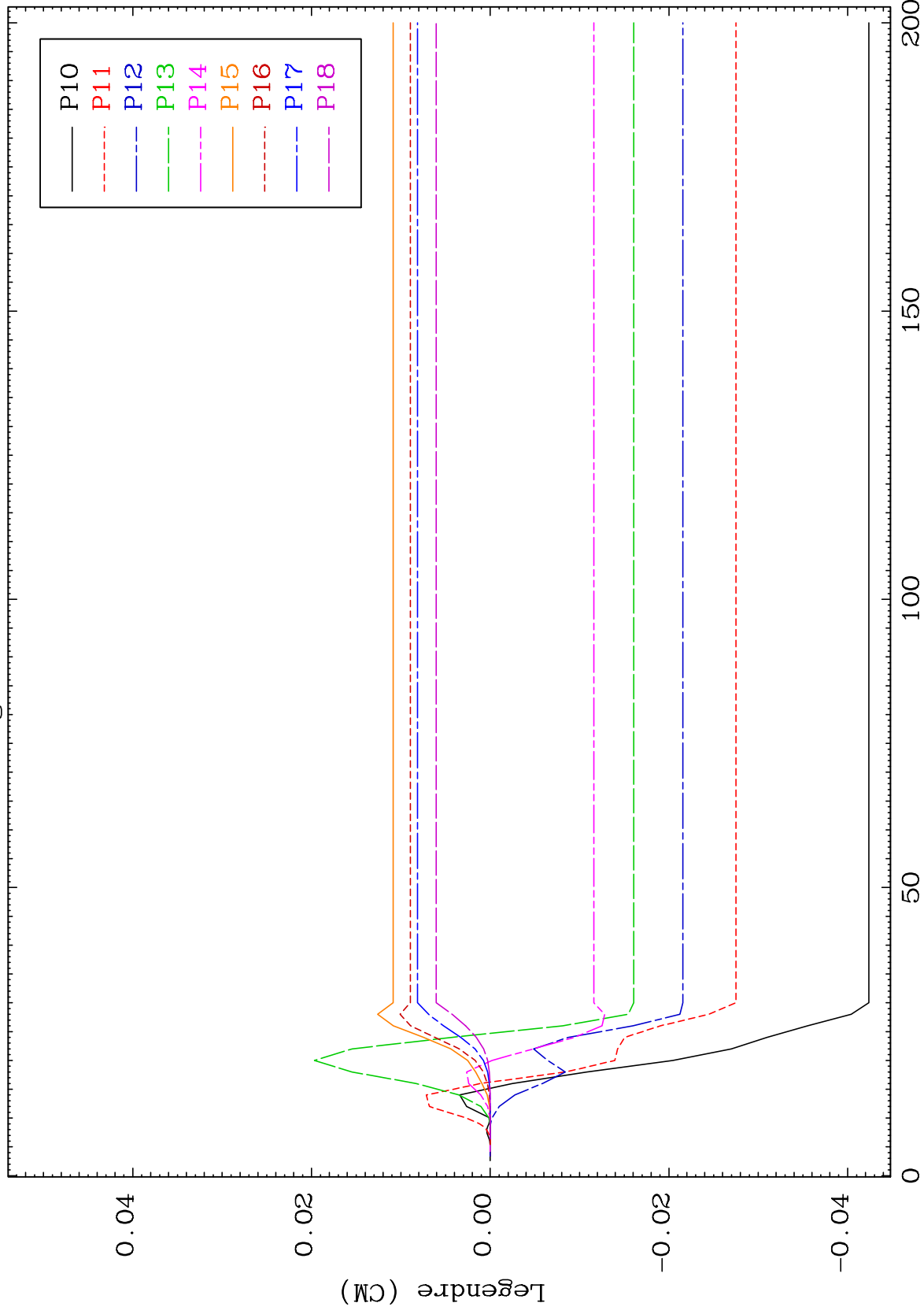
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



70

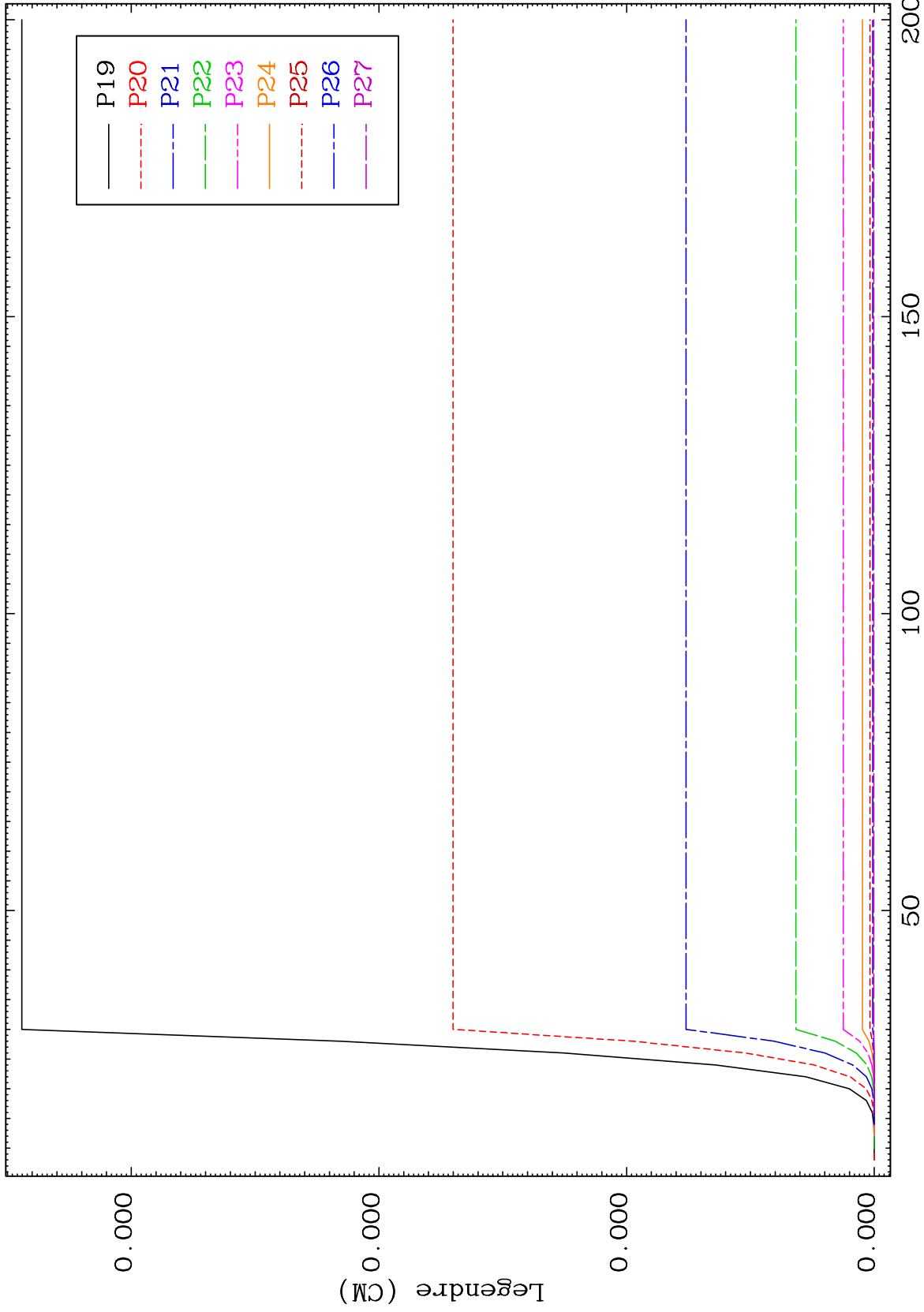
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



71

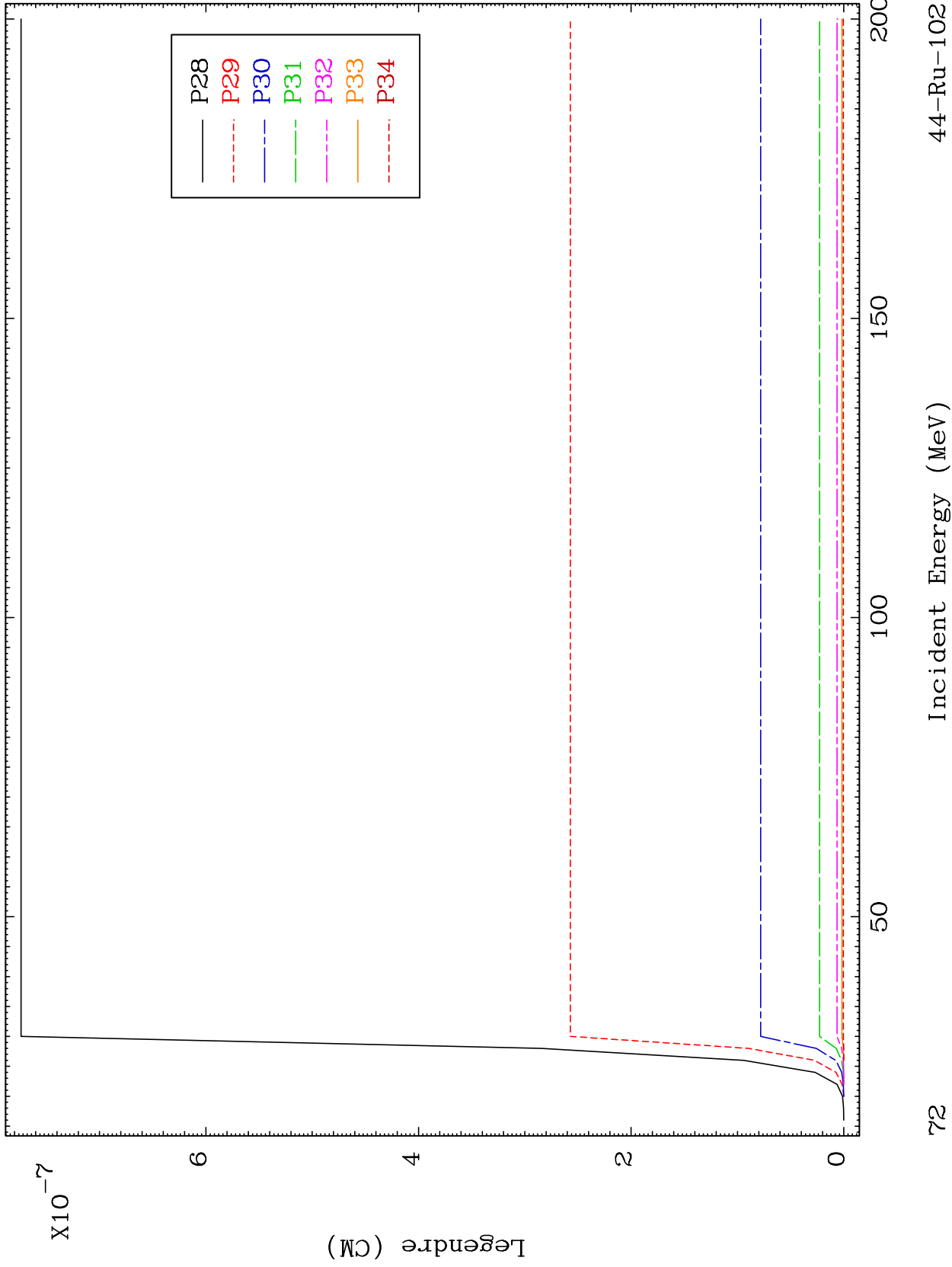
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



72

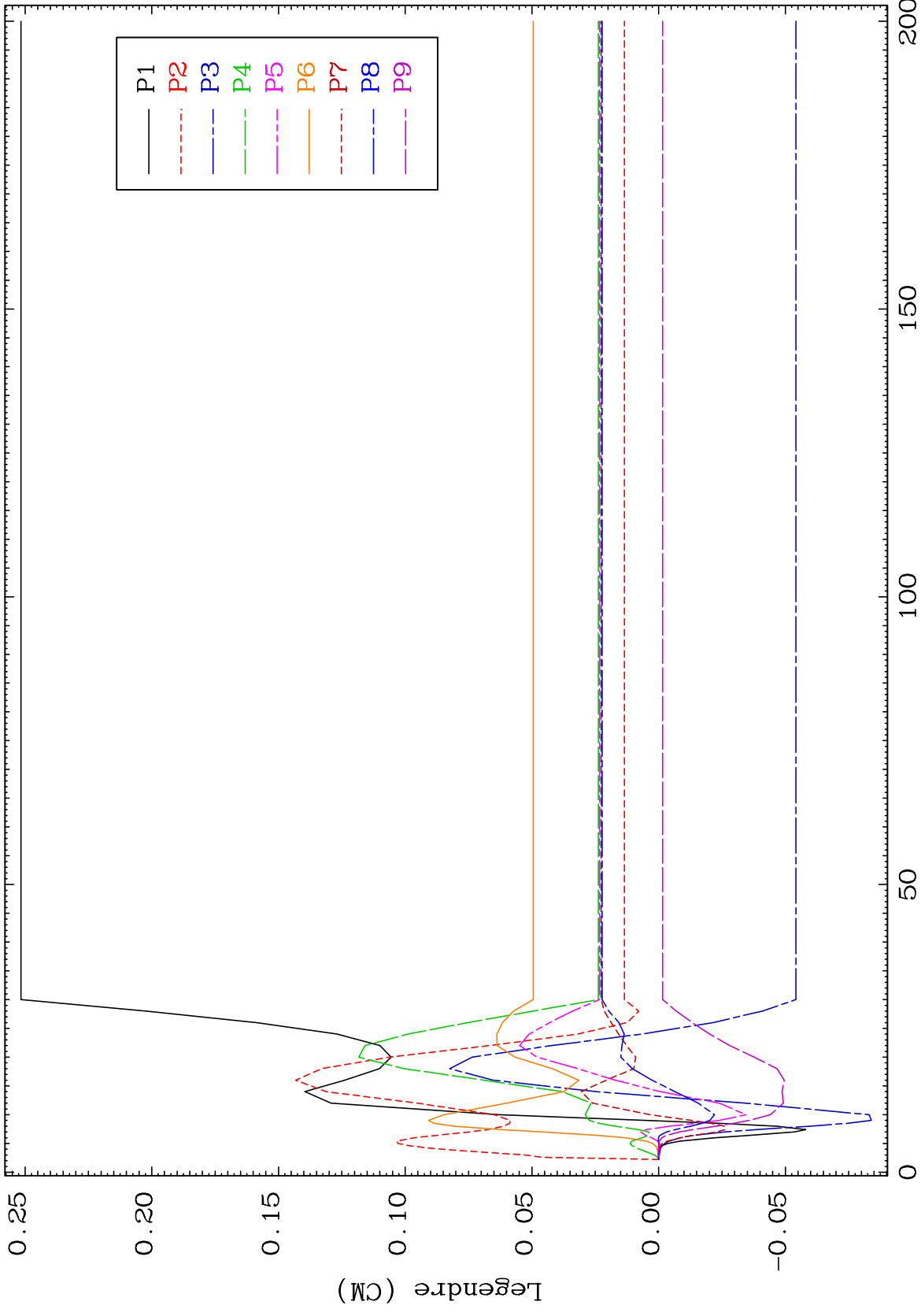
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



73

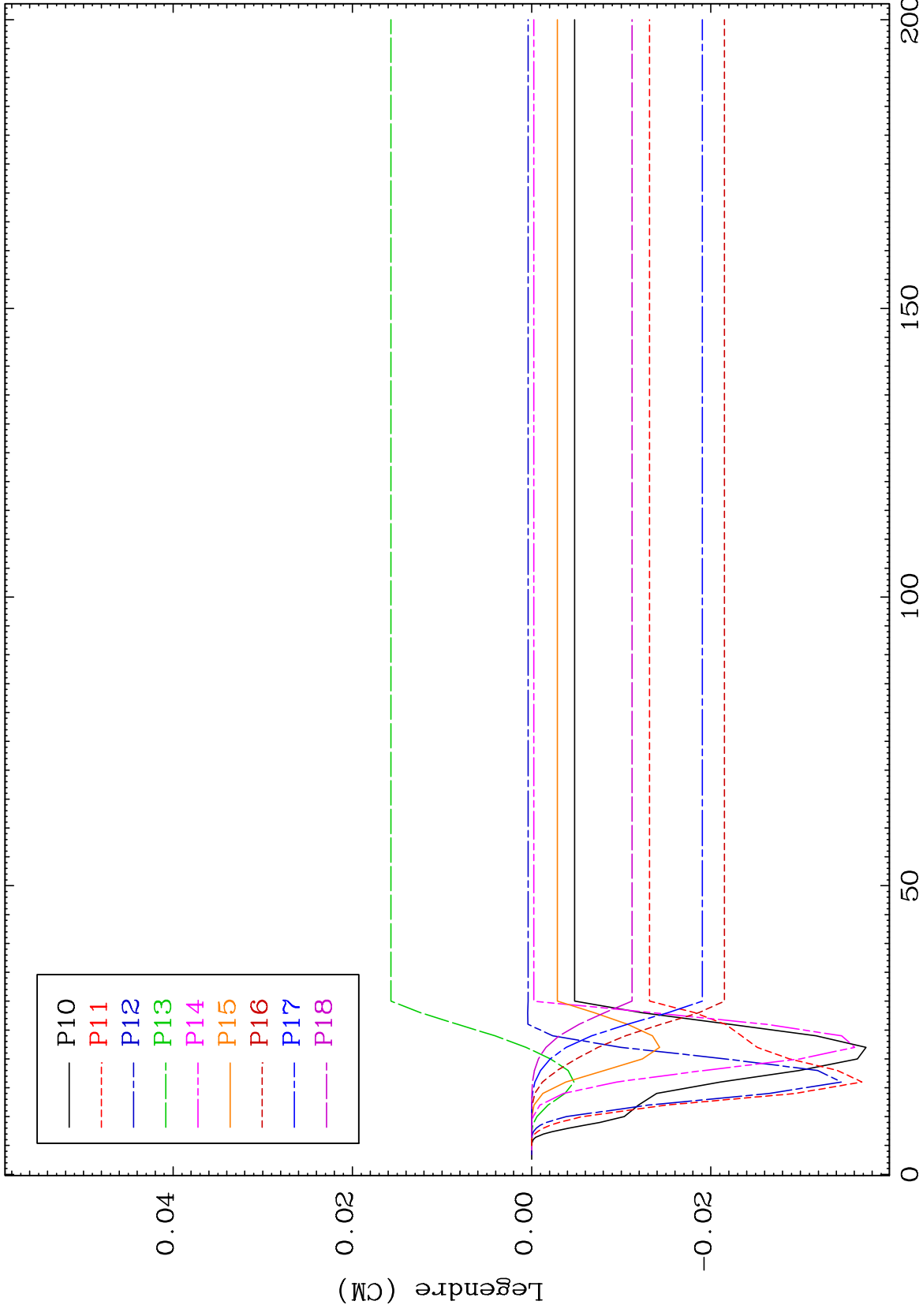
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



74

Incident Energy (MeV)

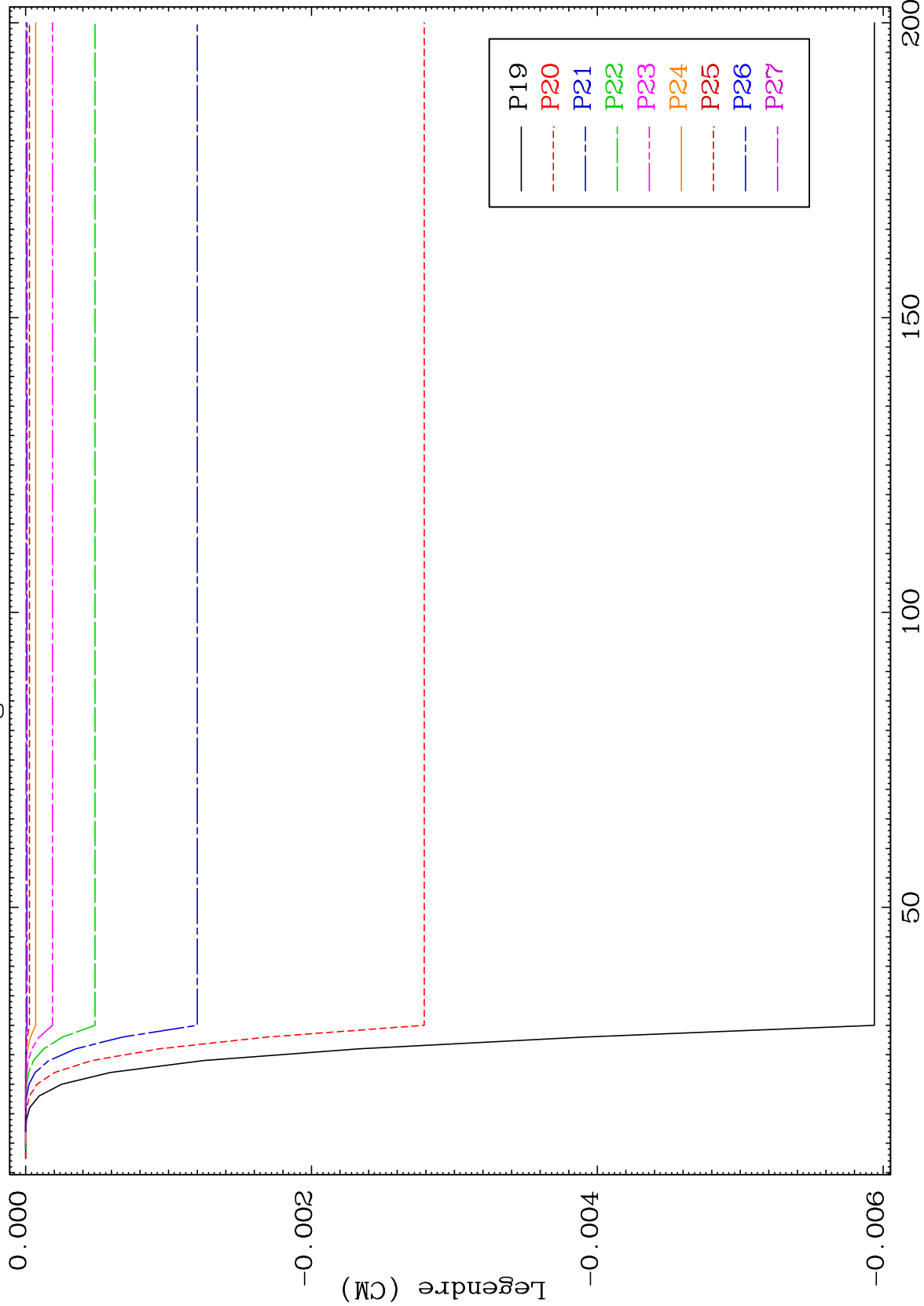
44-Ru-102

MAT 4443

MT= 65 (n,n') Level

44-Ru-102

Legendre Coefficients



44-Ru-102

Incident Energy (MeV)

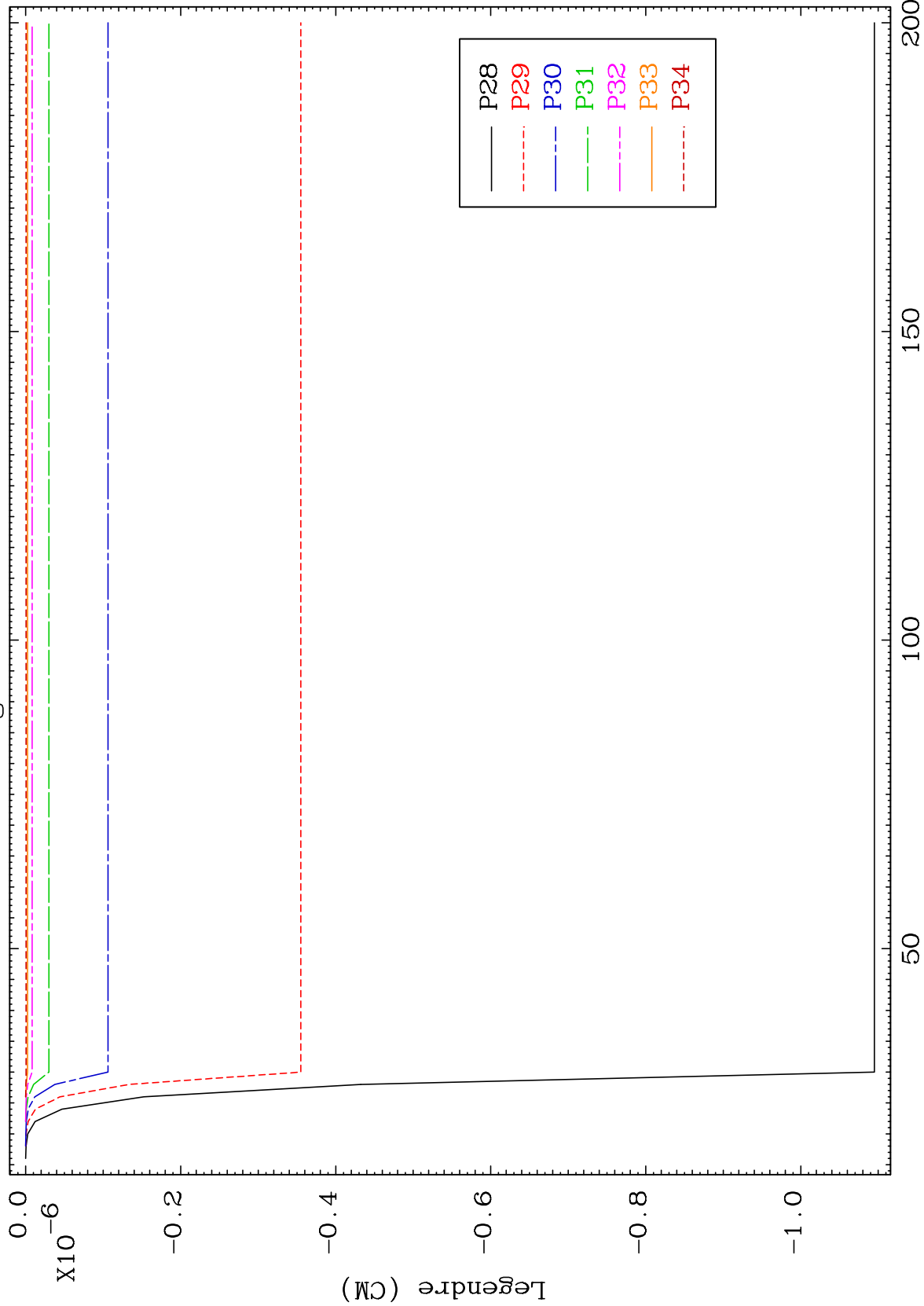
75

MAT 4443

MT= 65 (n,n') Level

44-Ru-102

Legendre Coefficients



76

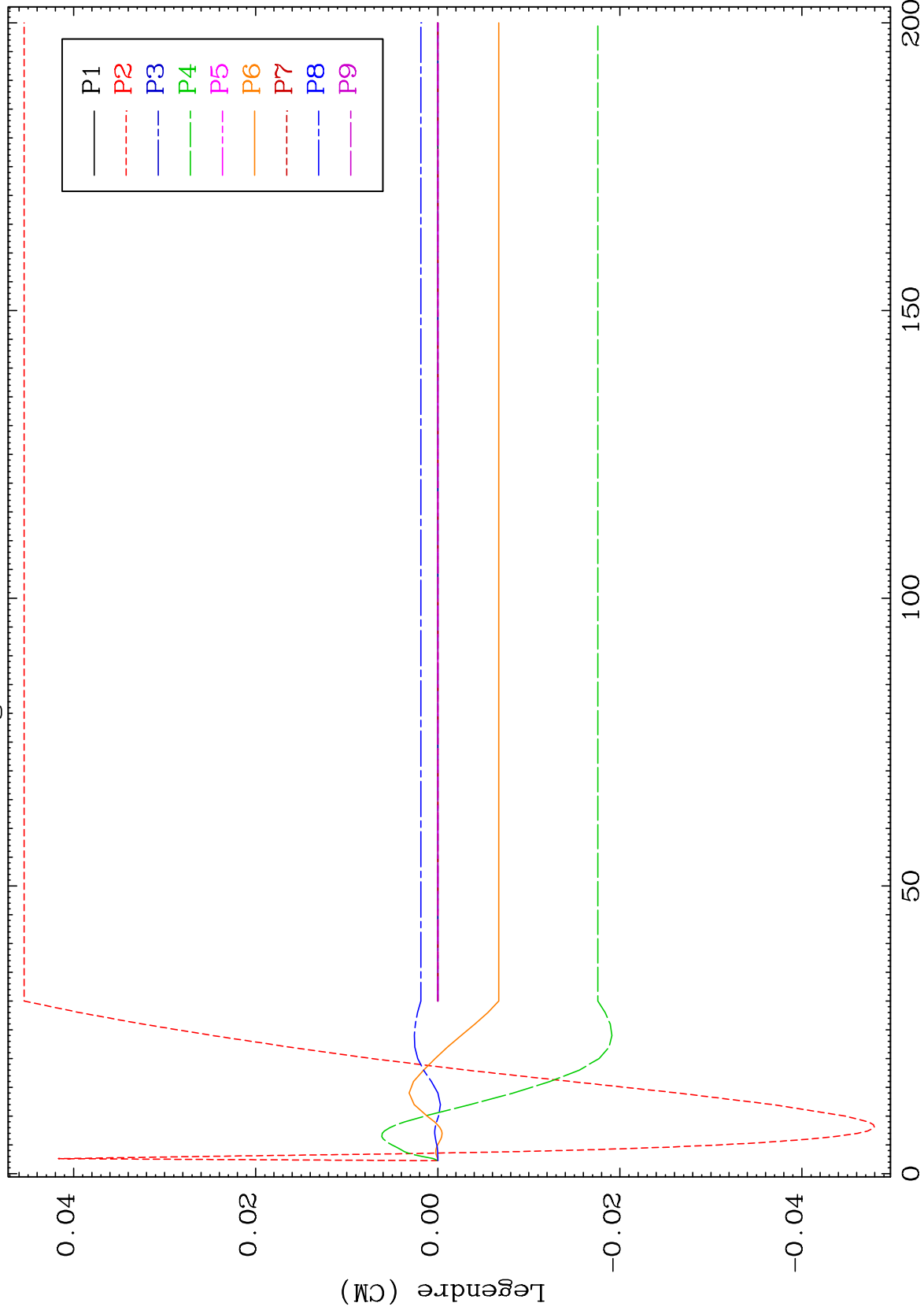
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



77

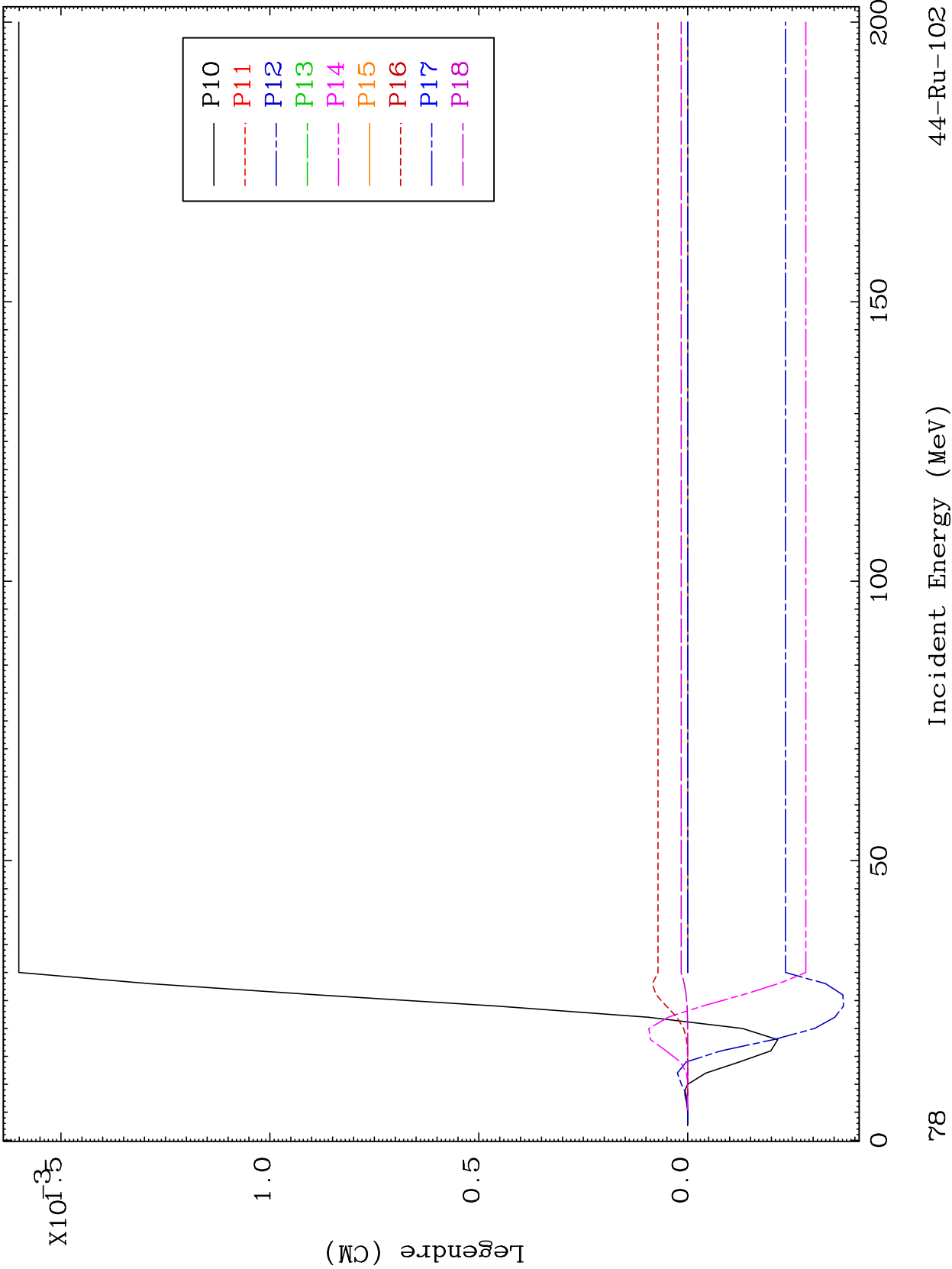
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



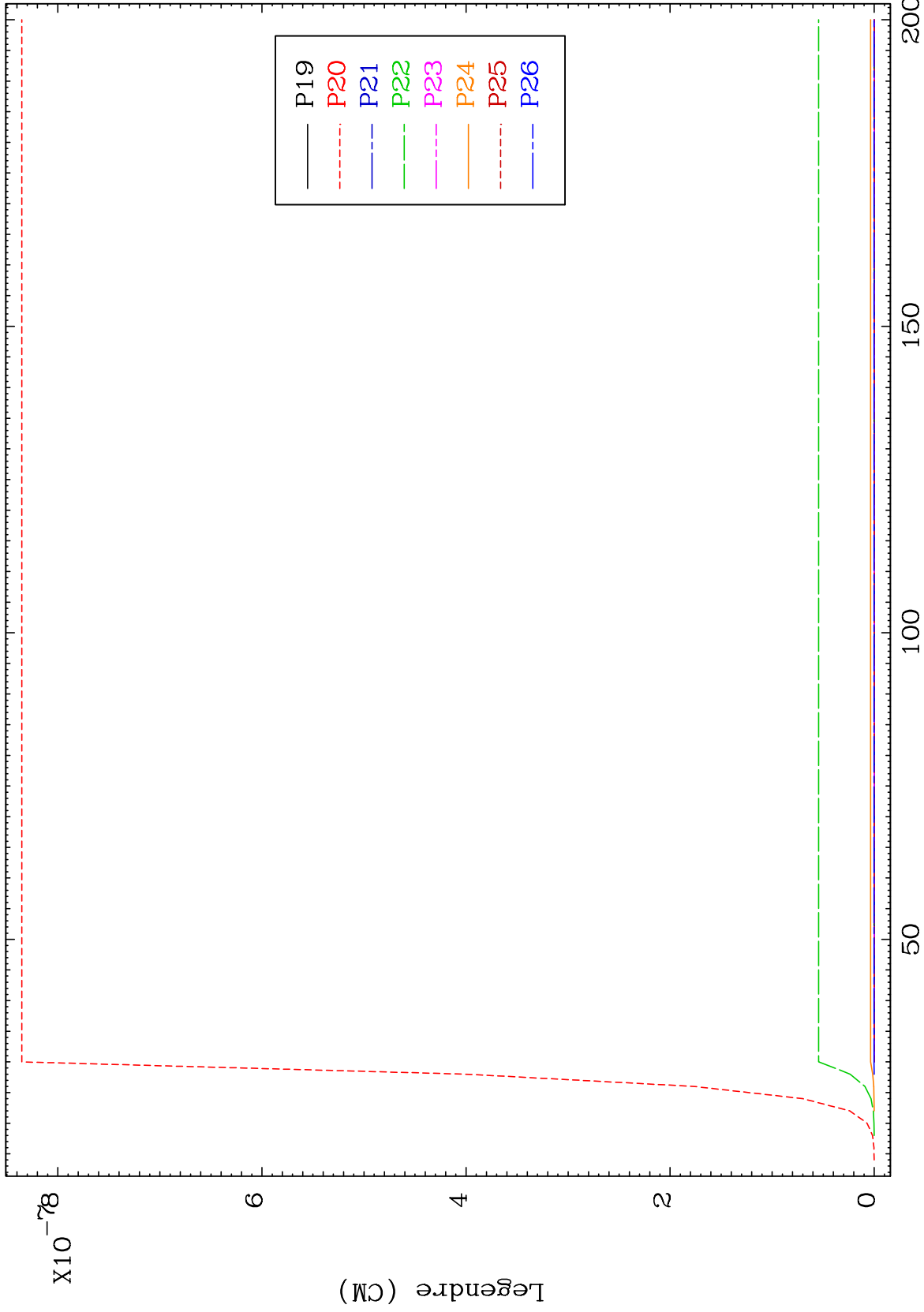
78

44-Ru-102

MAT 4443

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

44-Ru-102



79

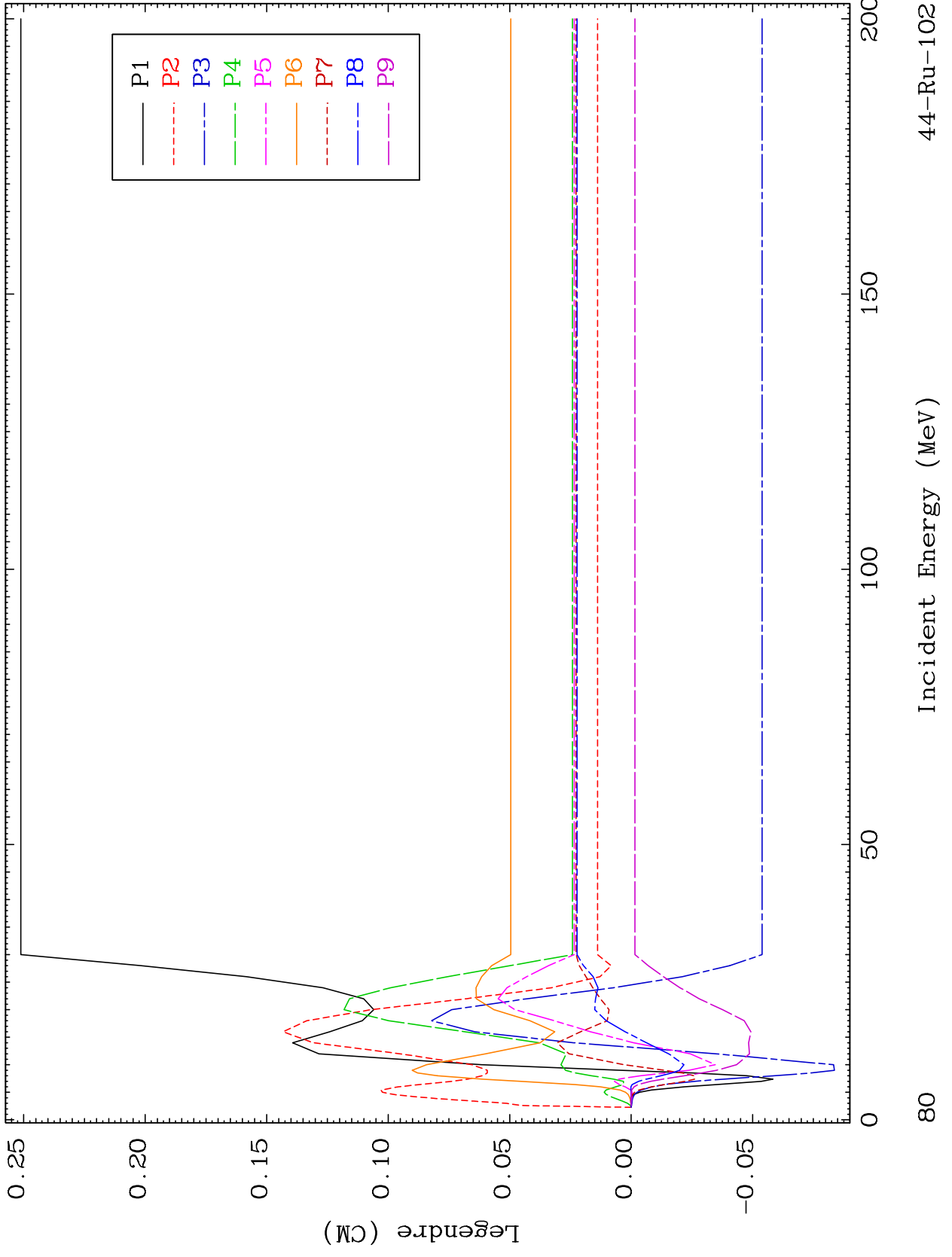
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

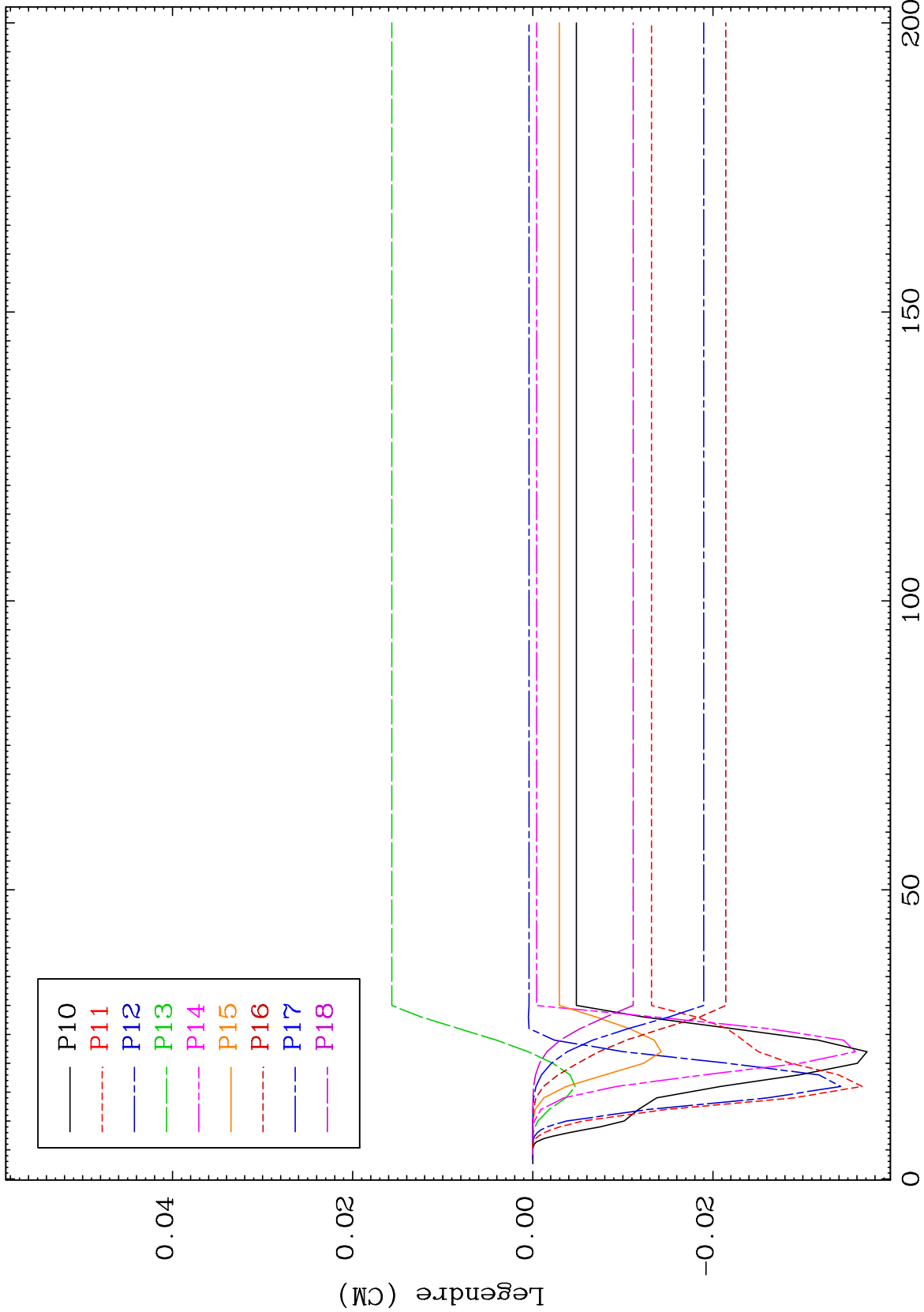
Incident Energy (MeV)

80

MAT 4443

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

44-Ru-102



81

Incident Energy (MeV)

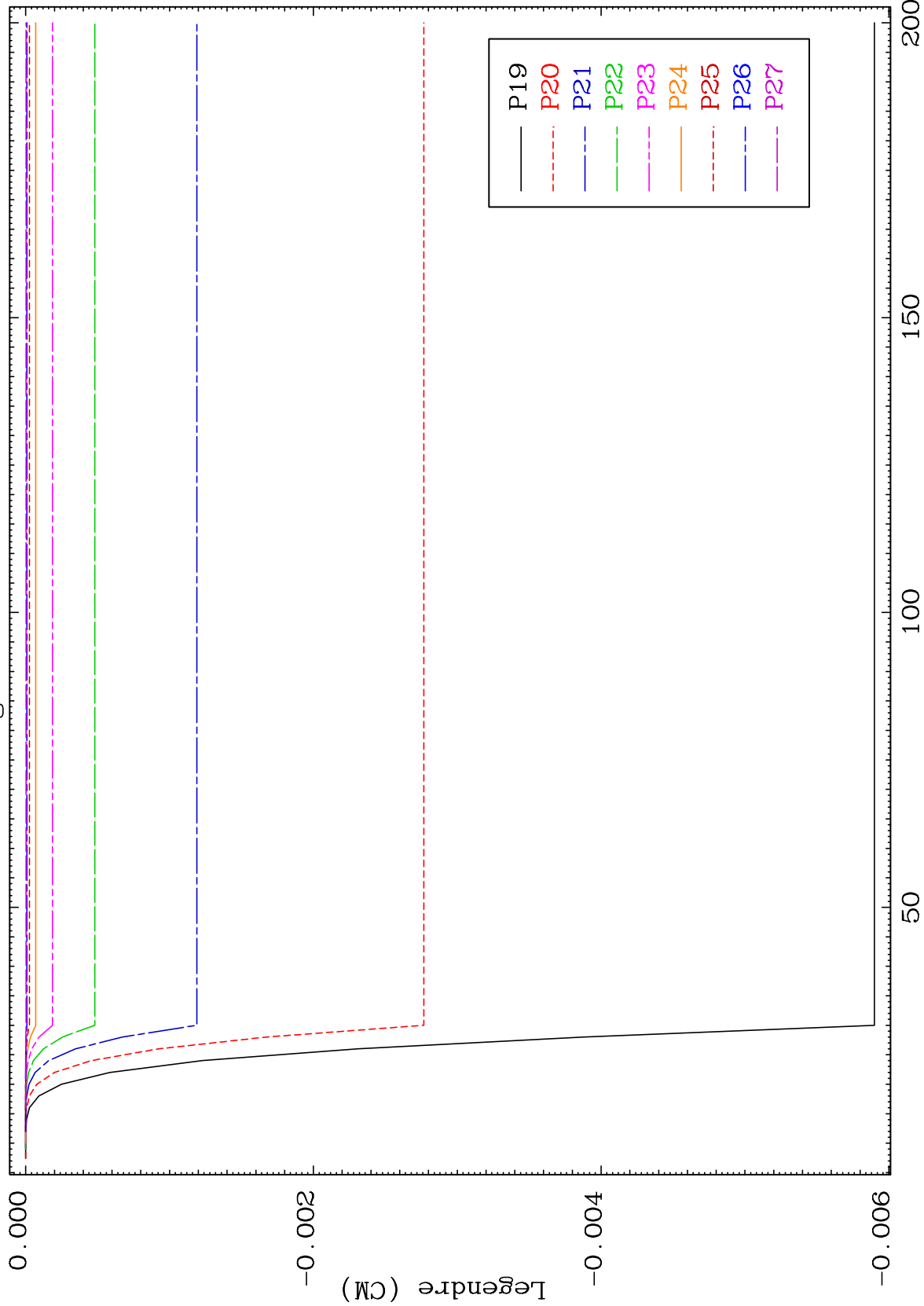
44-Ru-102

MAT 4443

MT= 67 (n,n') Level

44-Ru-102

Legendre Coefficients



44-Ru-102

Incident Energy (MeV)

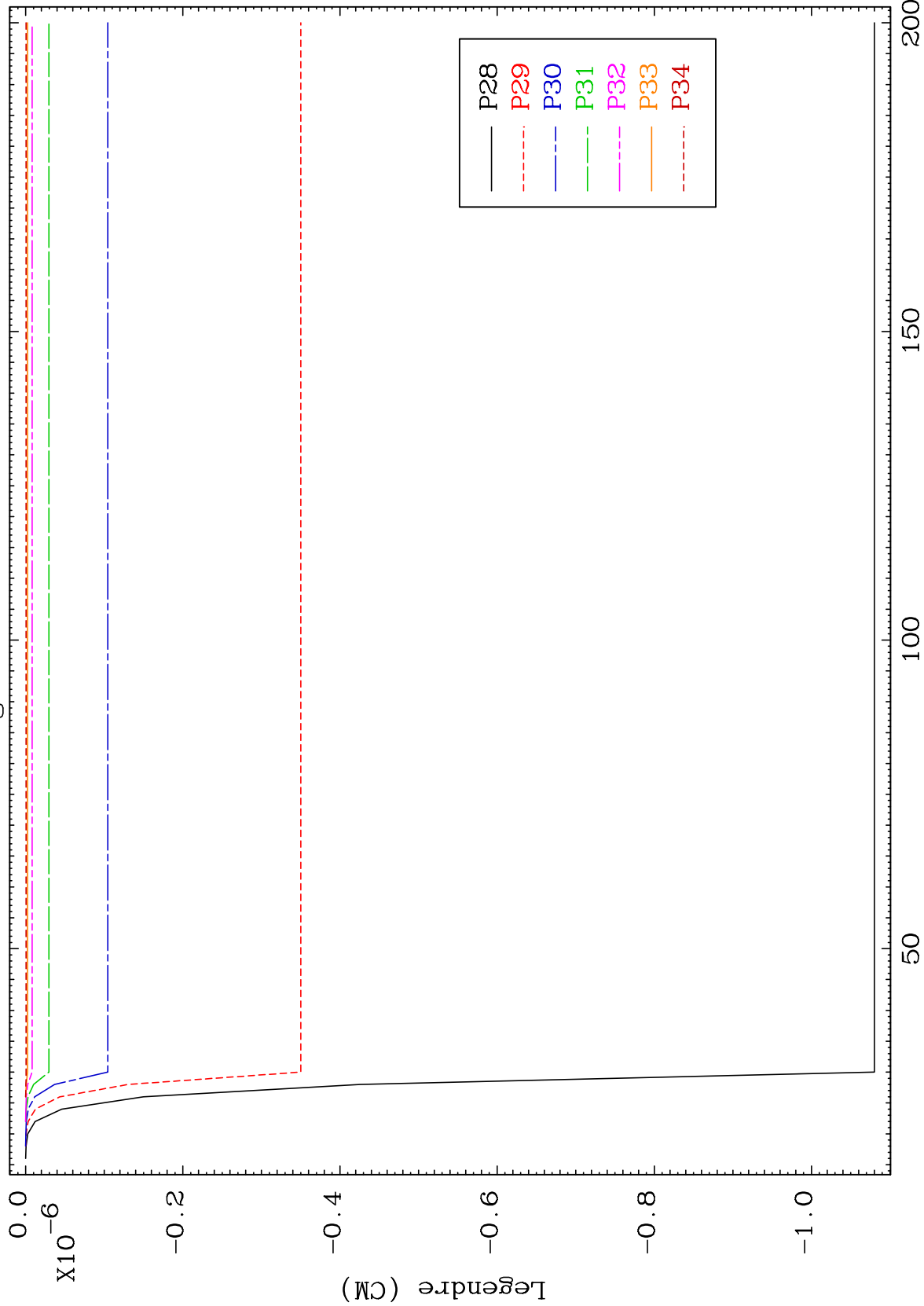
82

MAT 4443

MT= 67 (n,n') Level

44-Ru-102

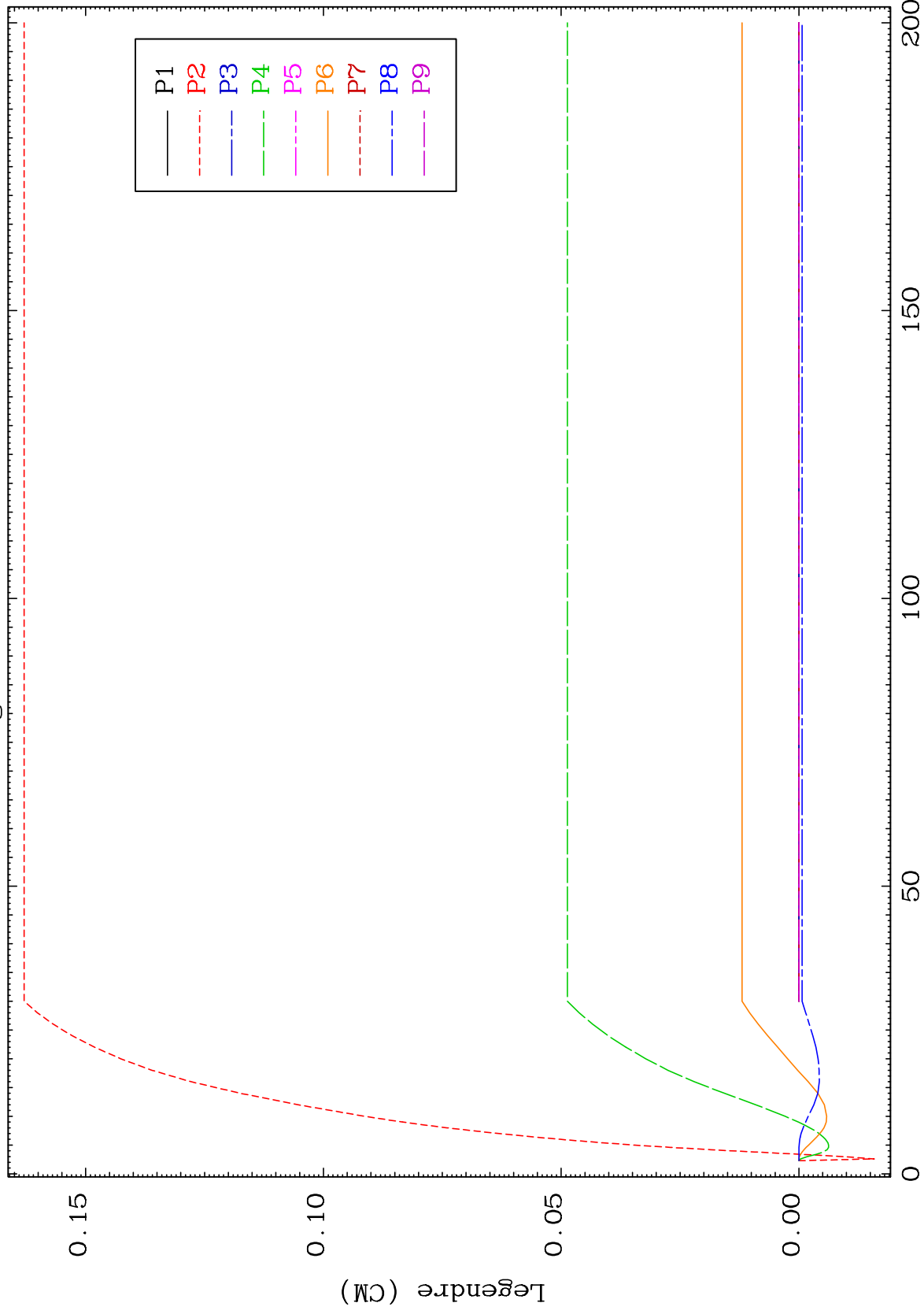
Legendre Coefficients



MAT 4443

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

44-Ru-102



84

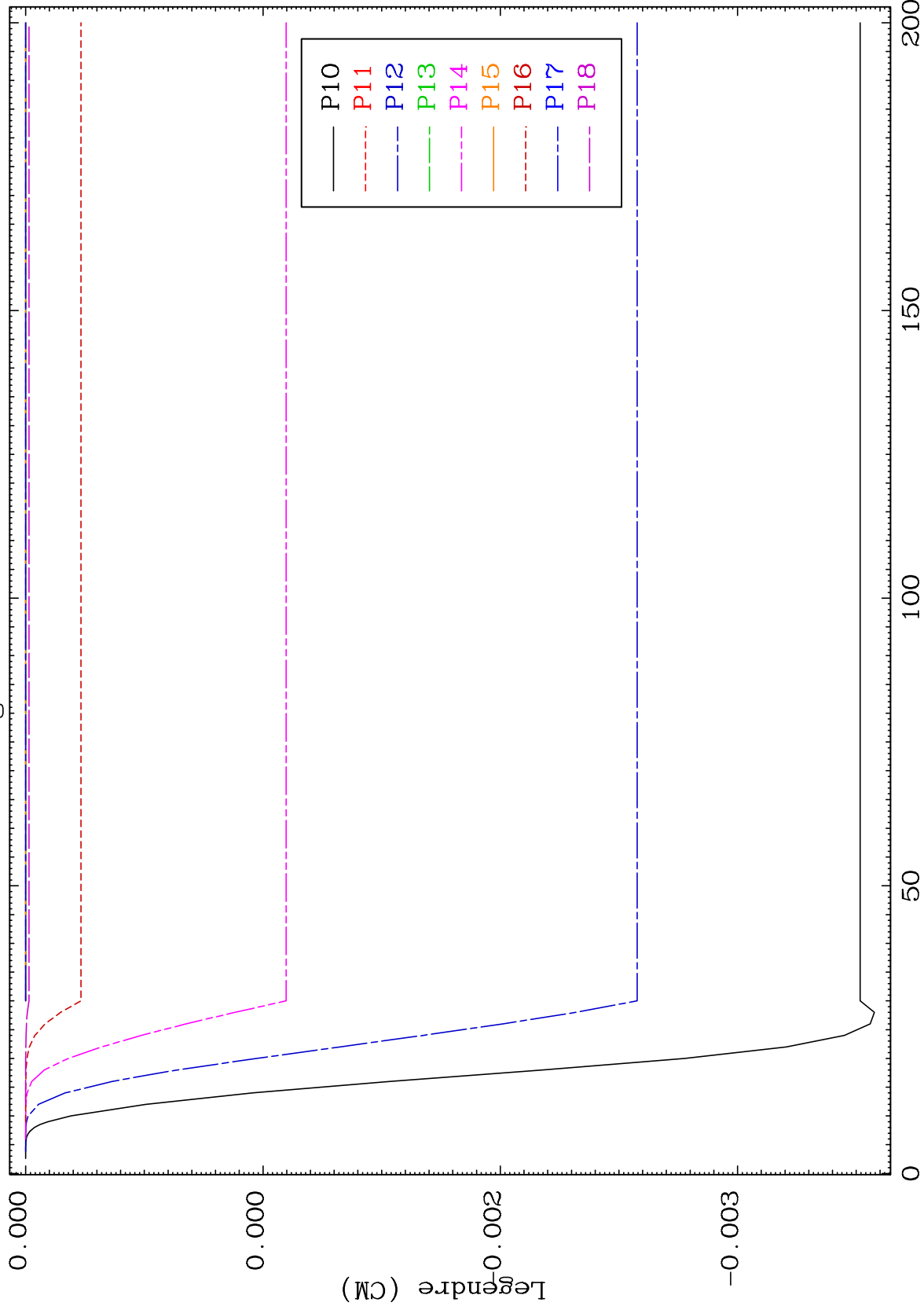
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



85

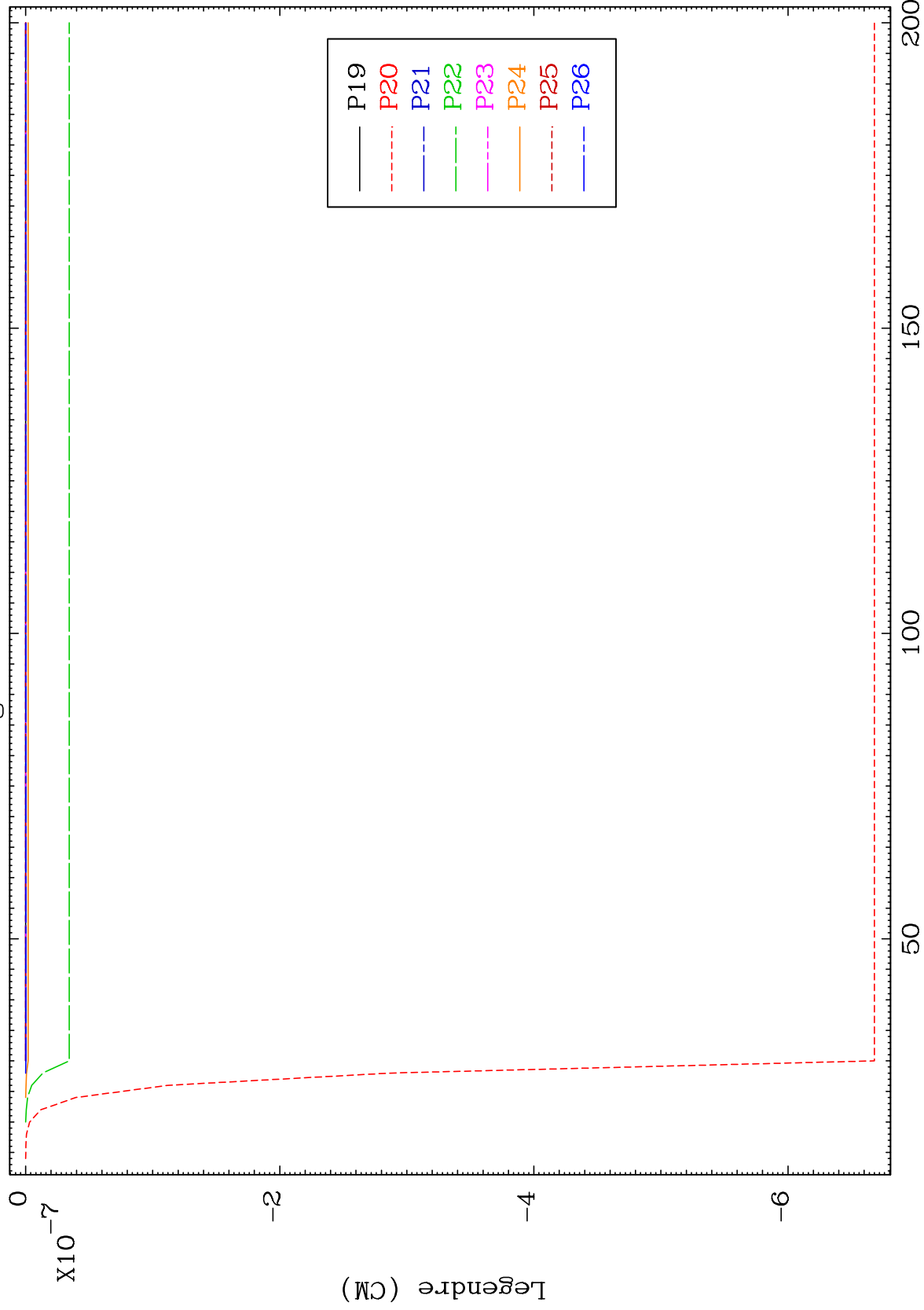
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



86

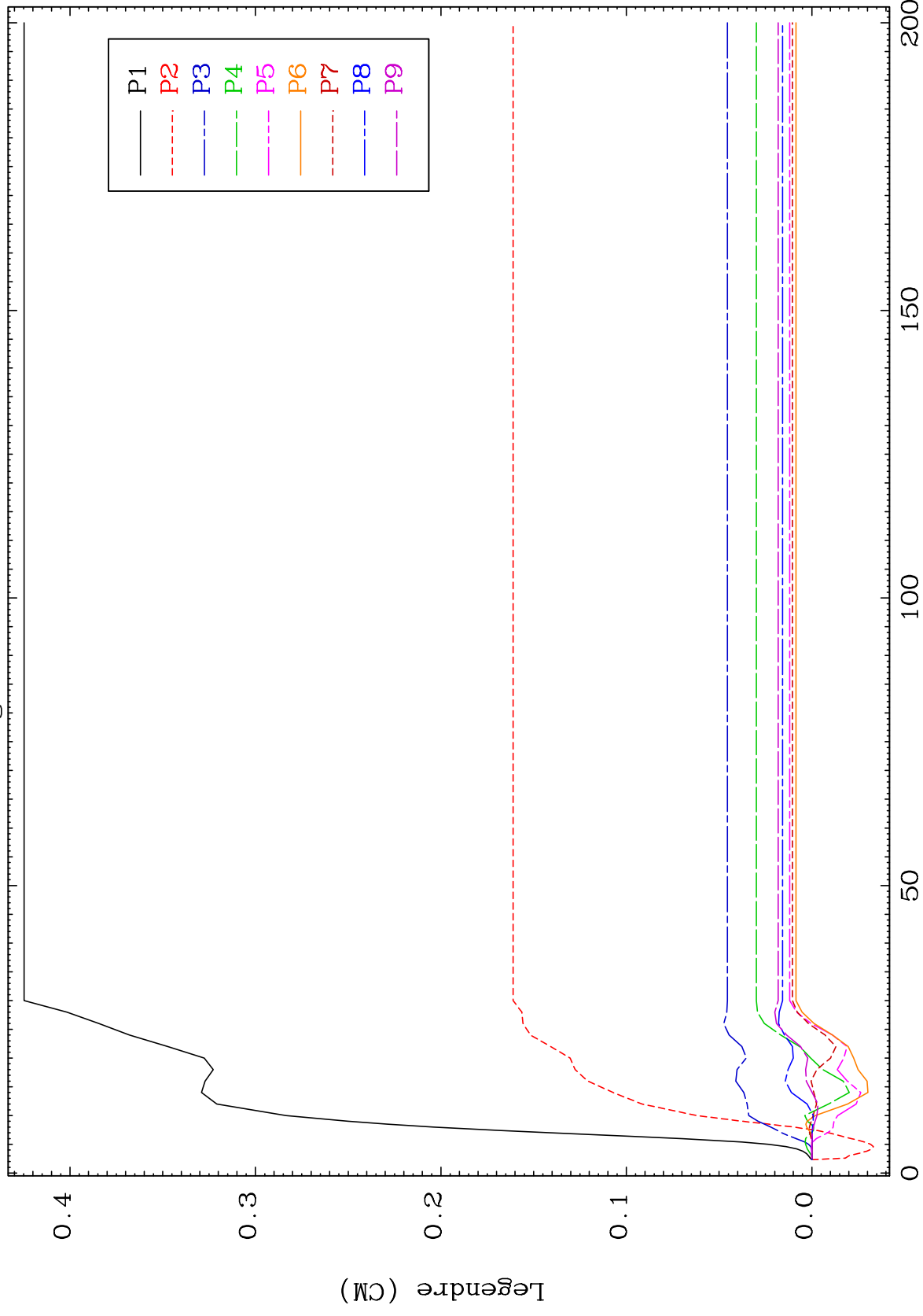
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



87

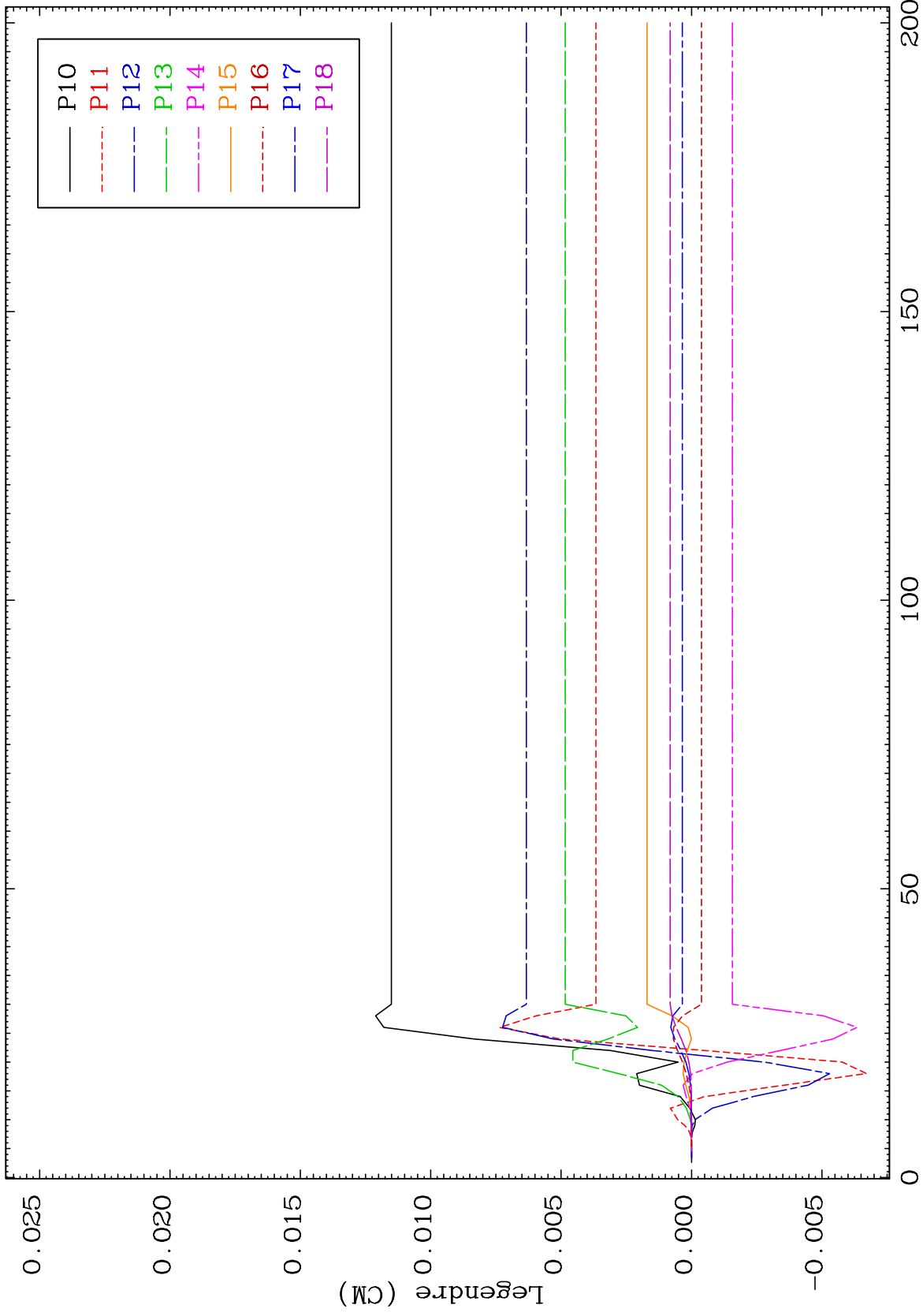
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



88

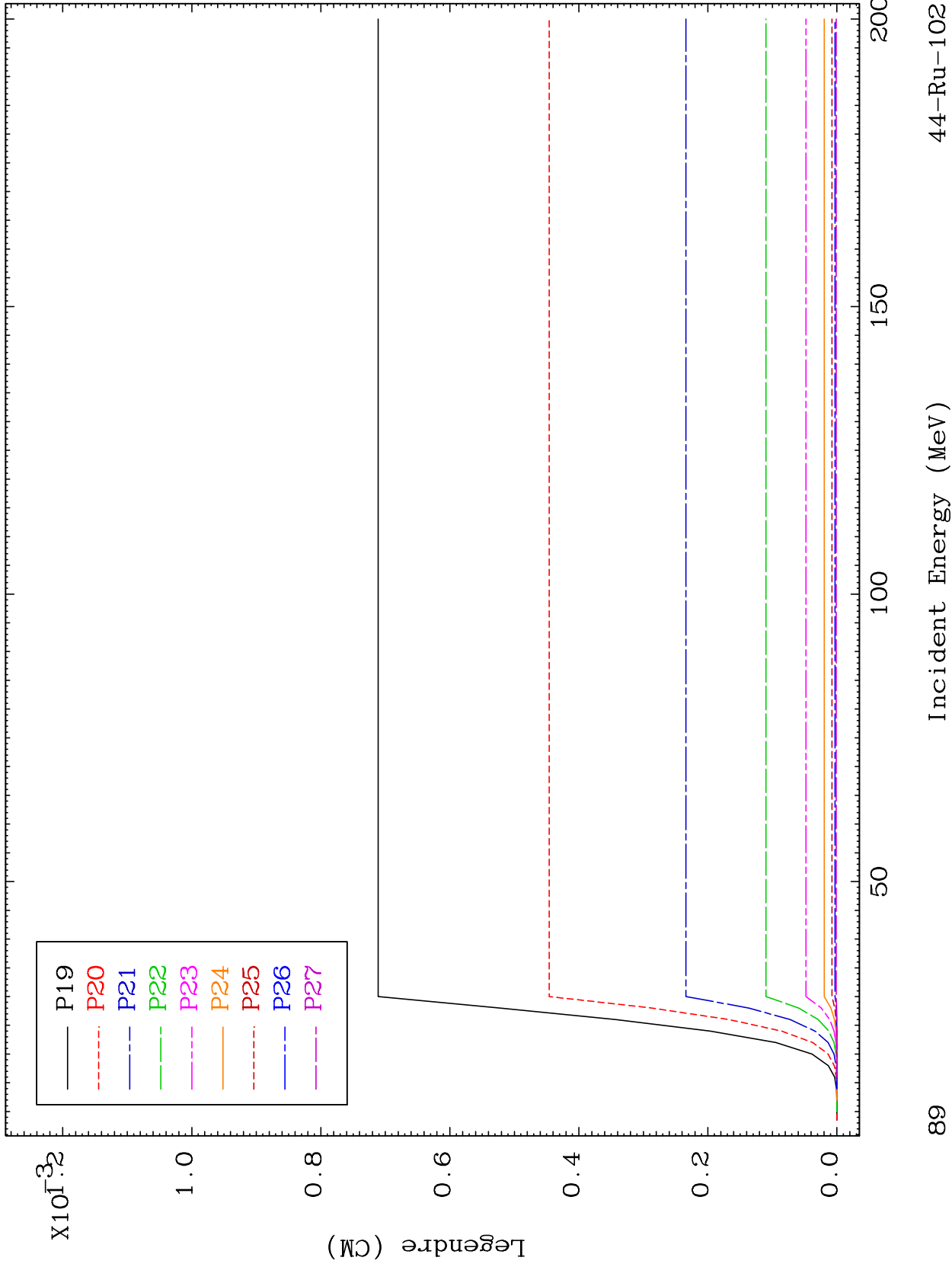
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102

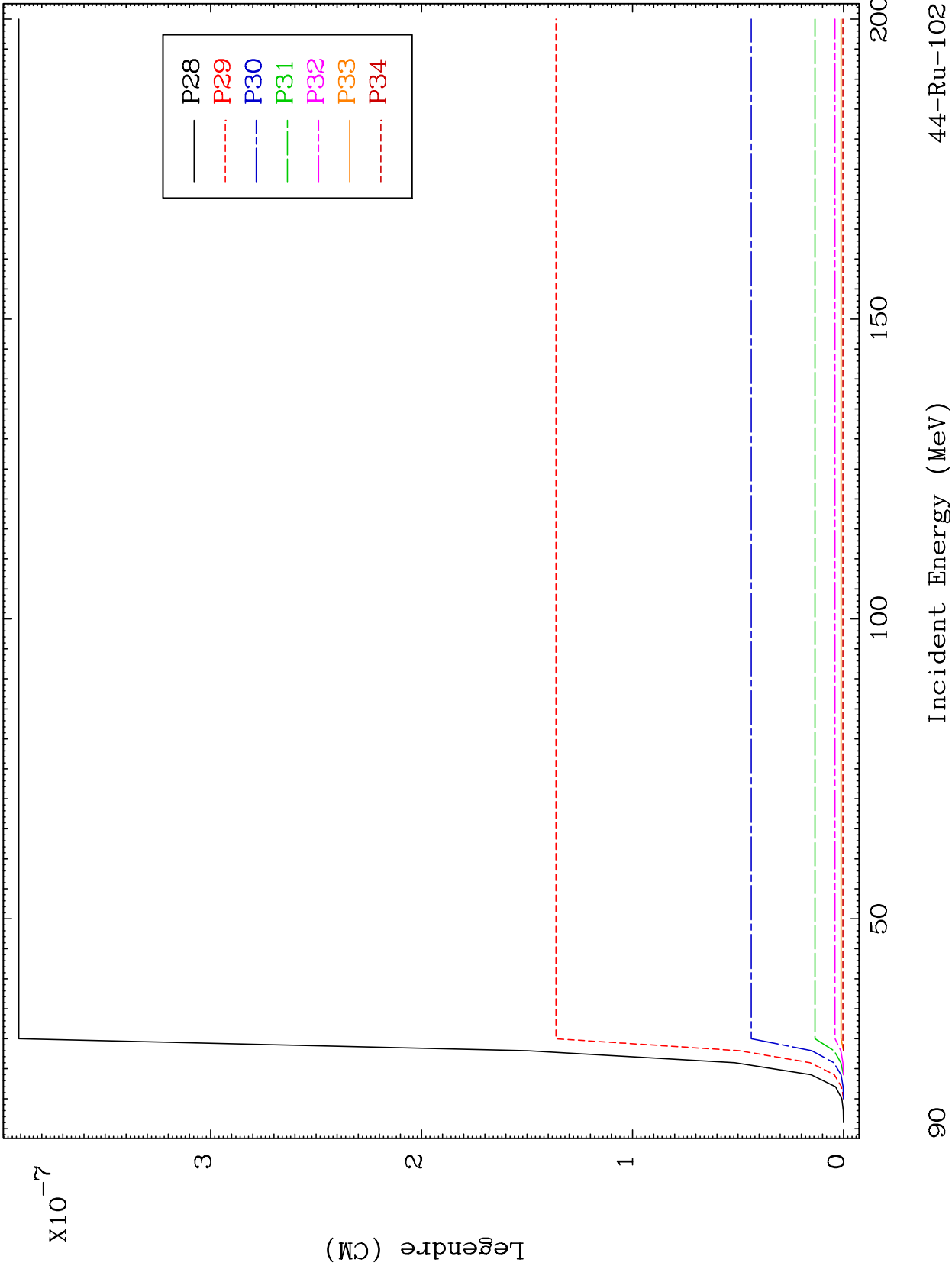


89

MAT 4443

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

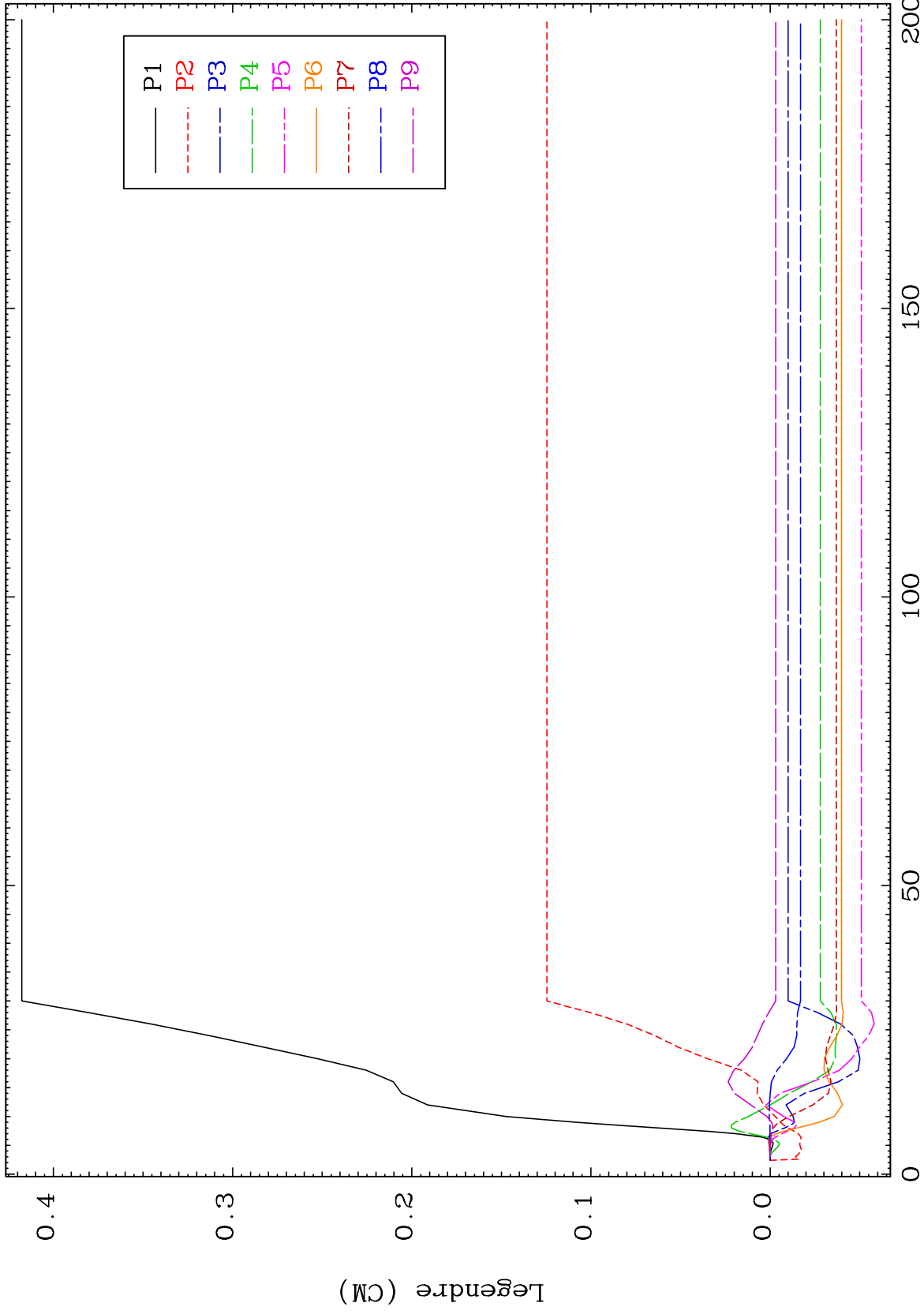
44-Ru-102



MAT 4443

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

44-Ru-102



91

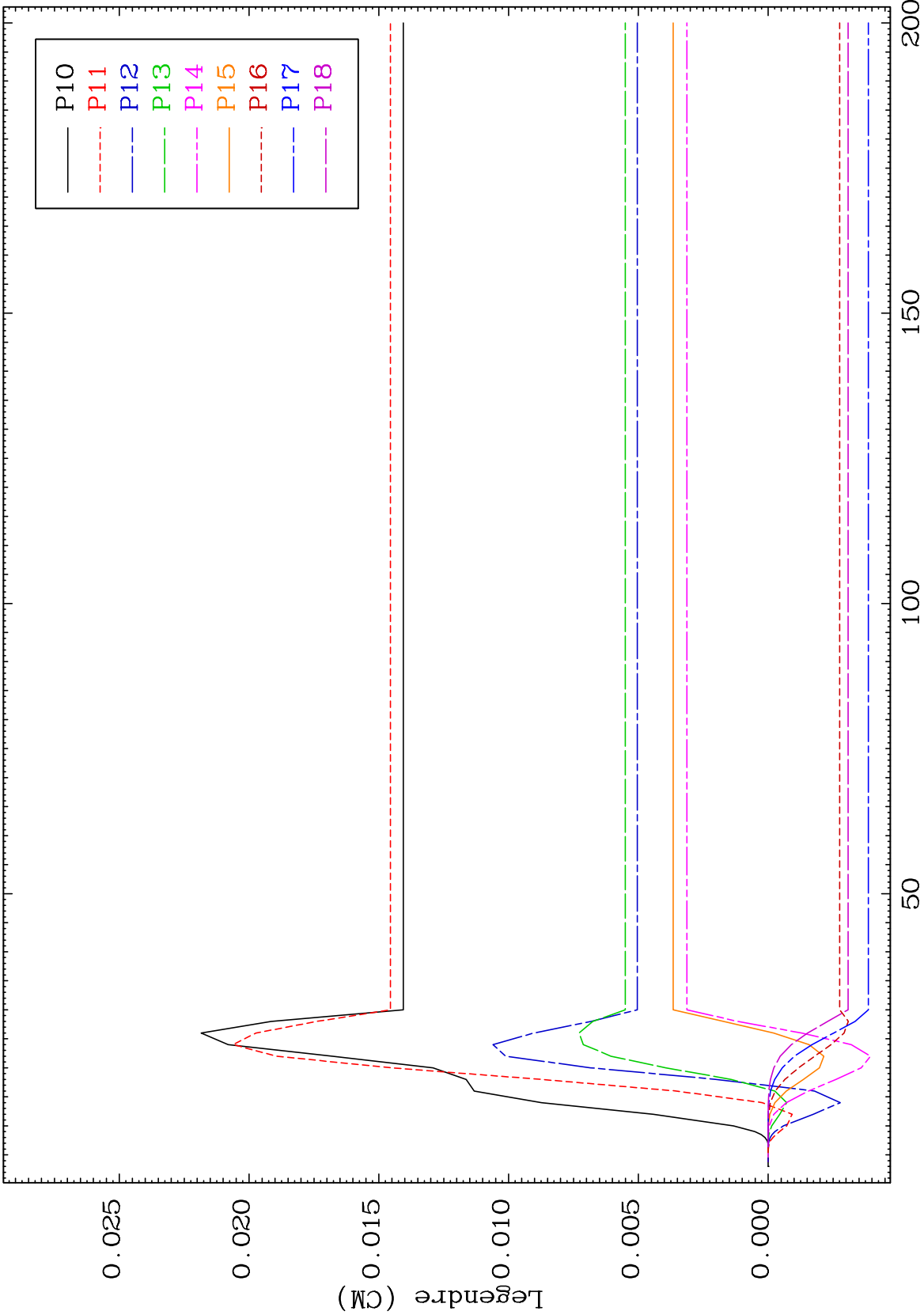
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102

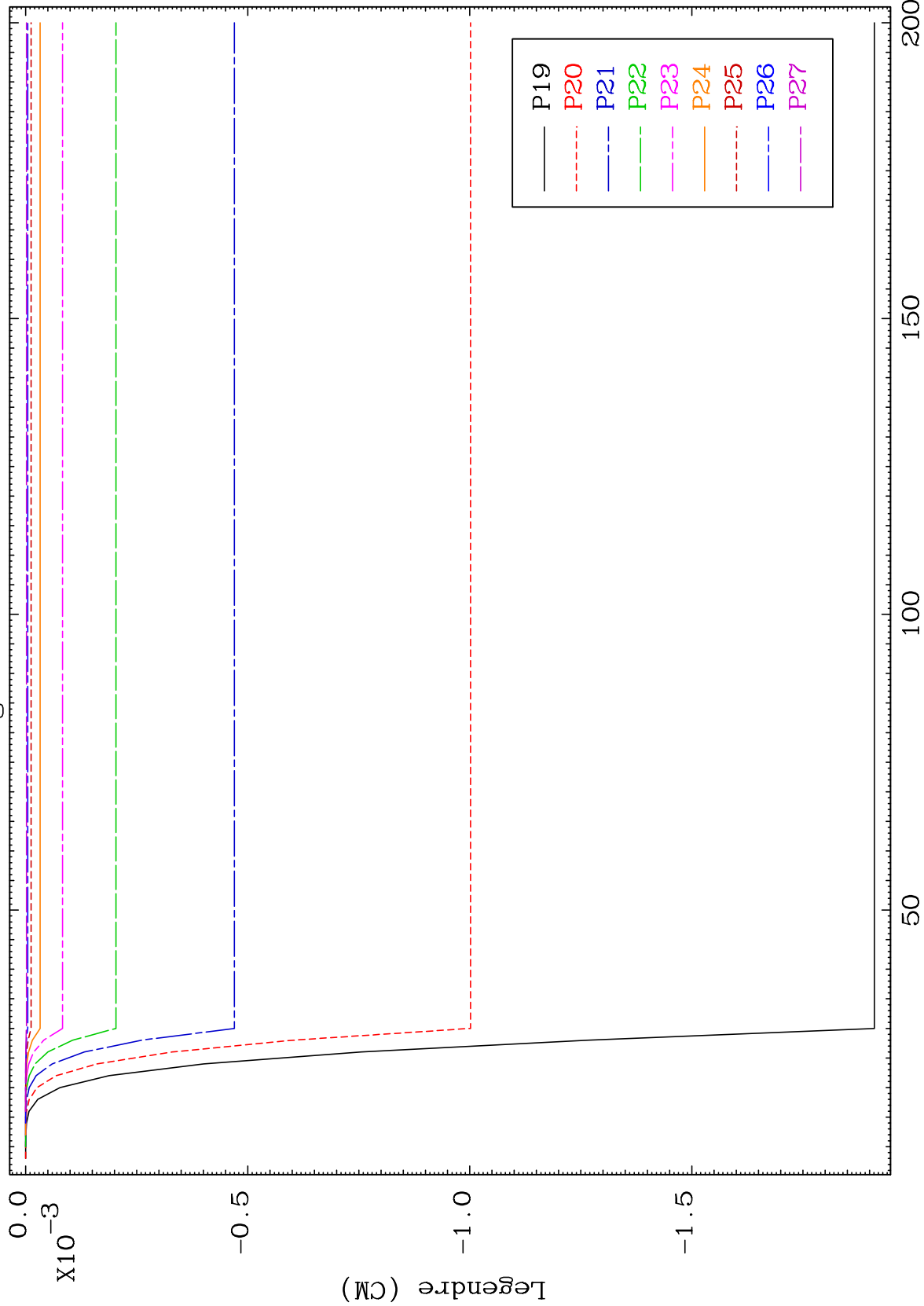


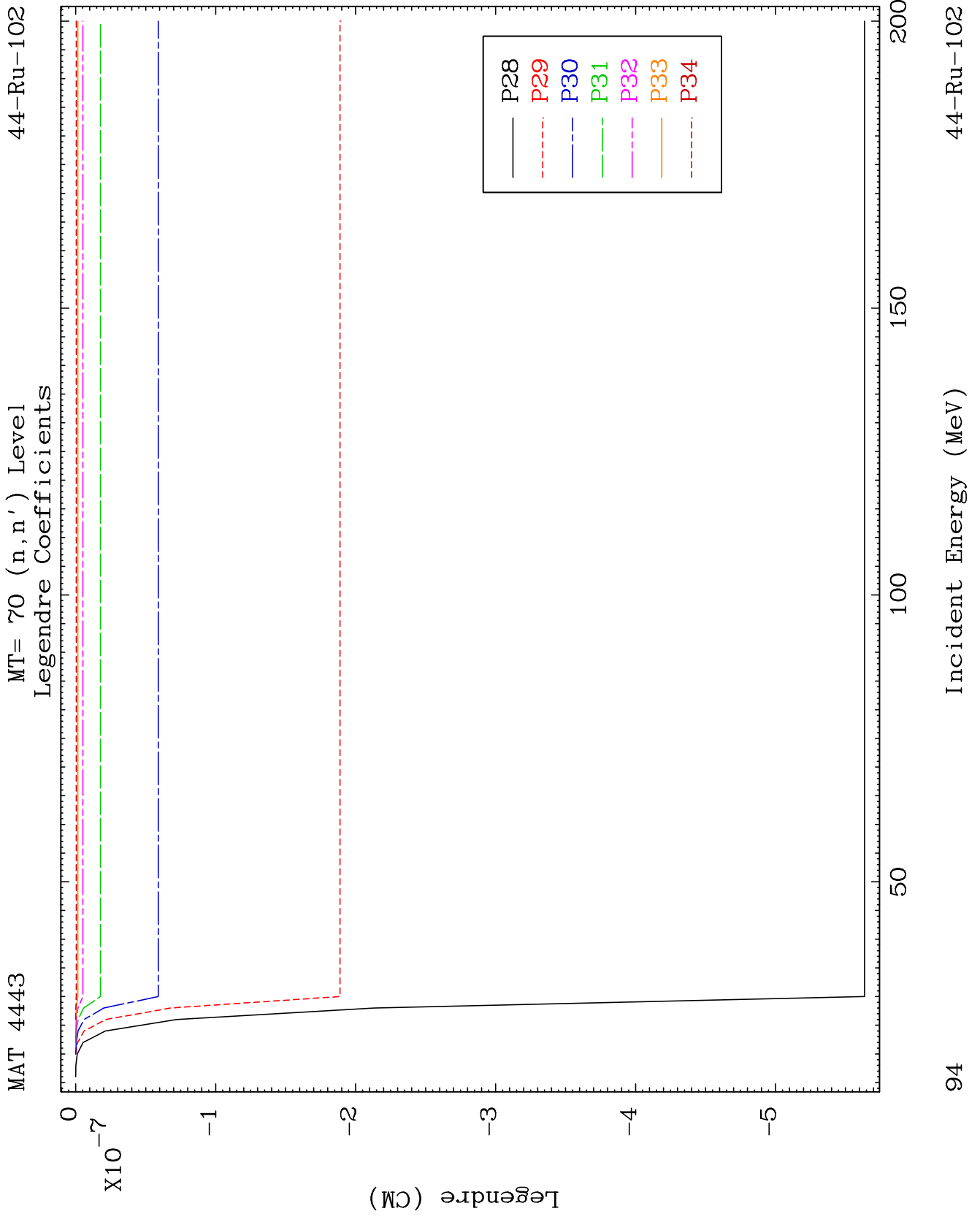
MAT 4443

MT= 70 (n,n') Level

44-Ru-102

Legendre Coefficients

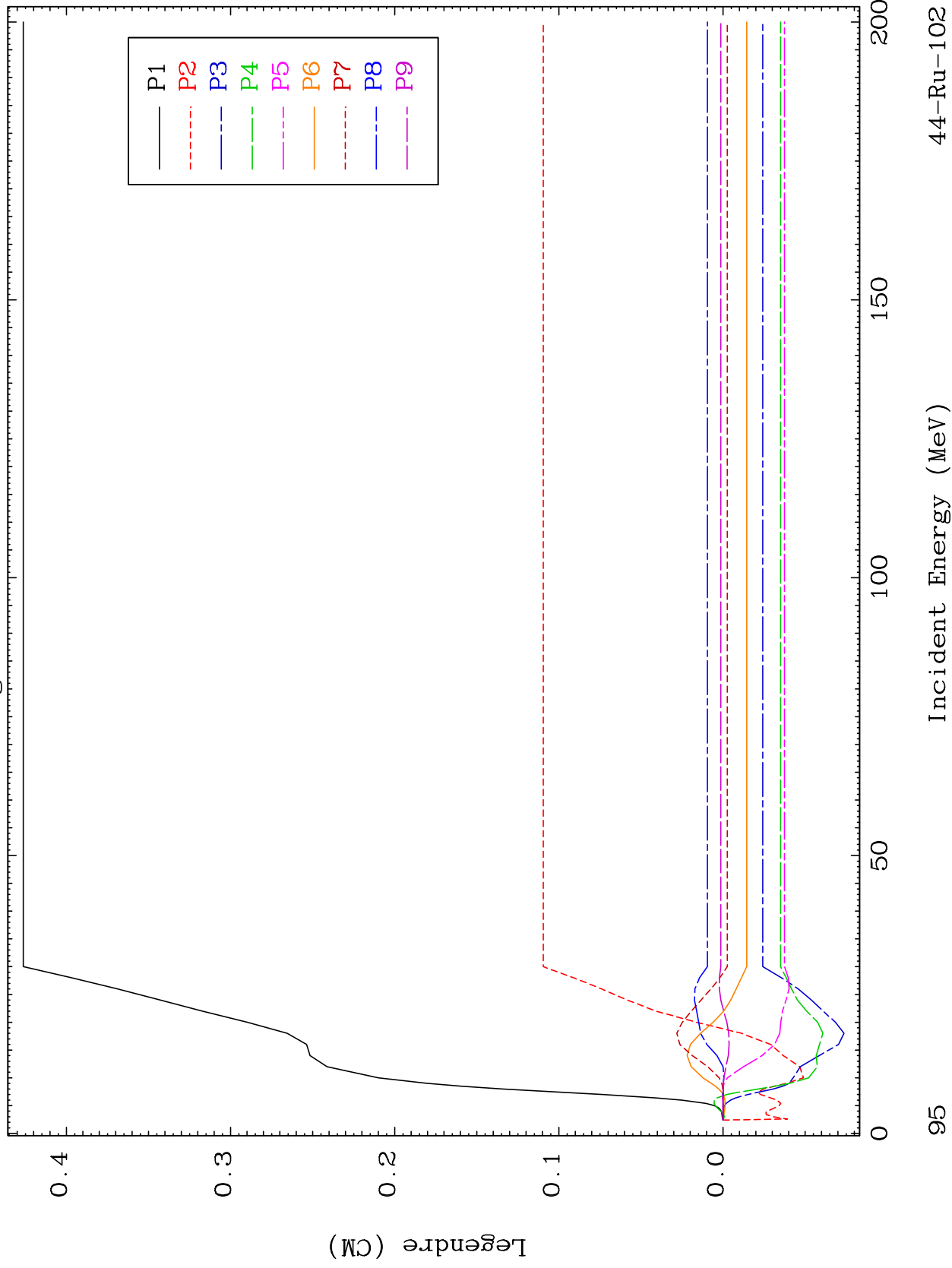




MAT 4443

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

44-Ru-102



44-Ru-102

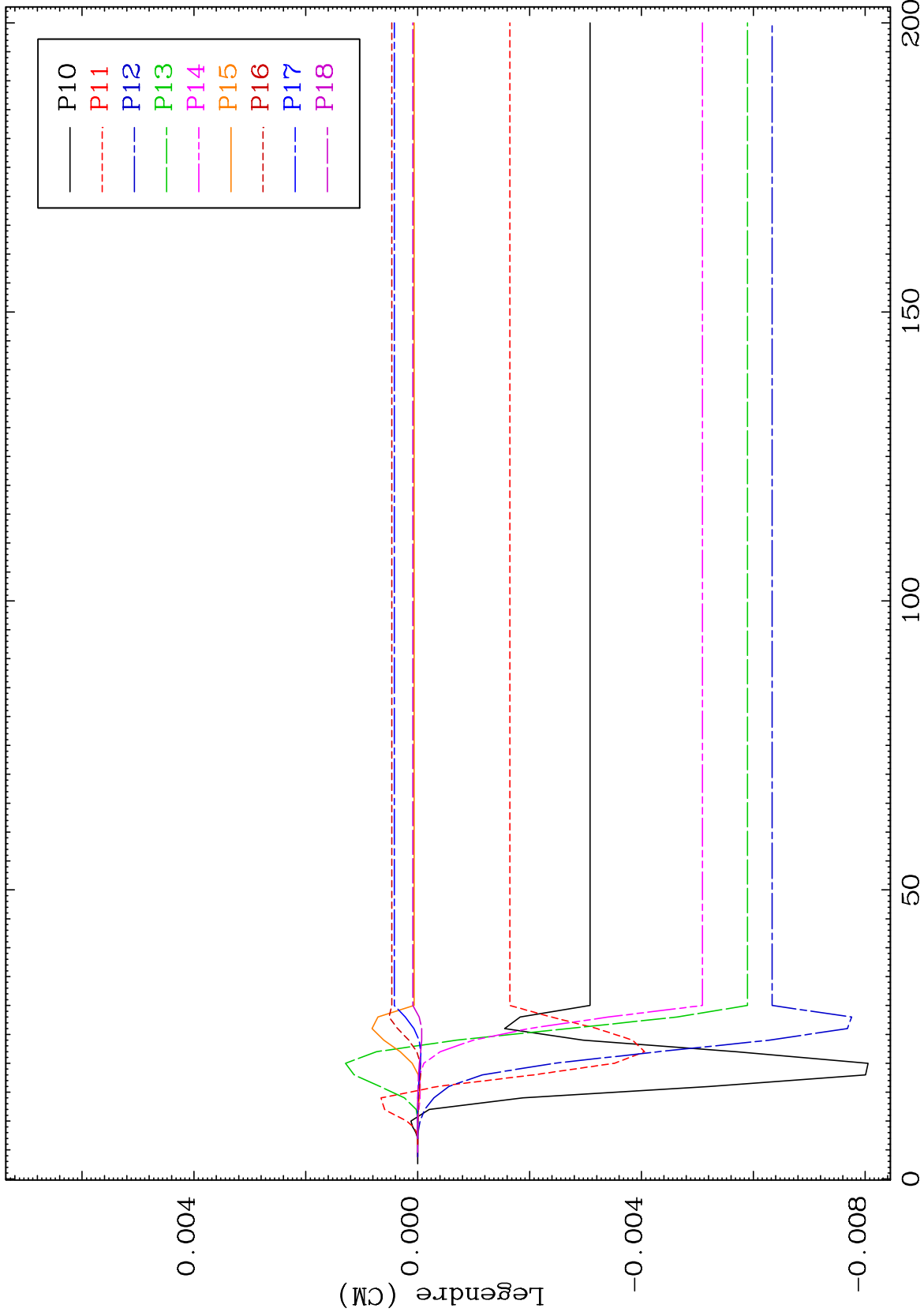
Incident Energy (MeV)

95

MAT 4443

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

44-Ru-102



96

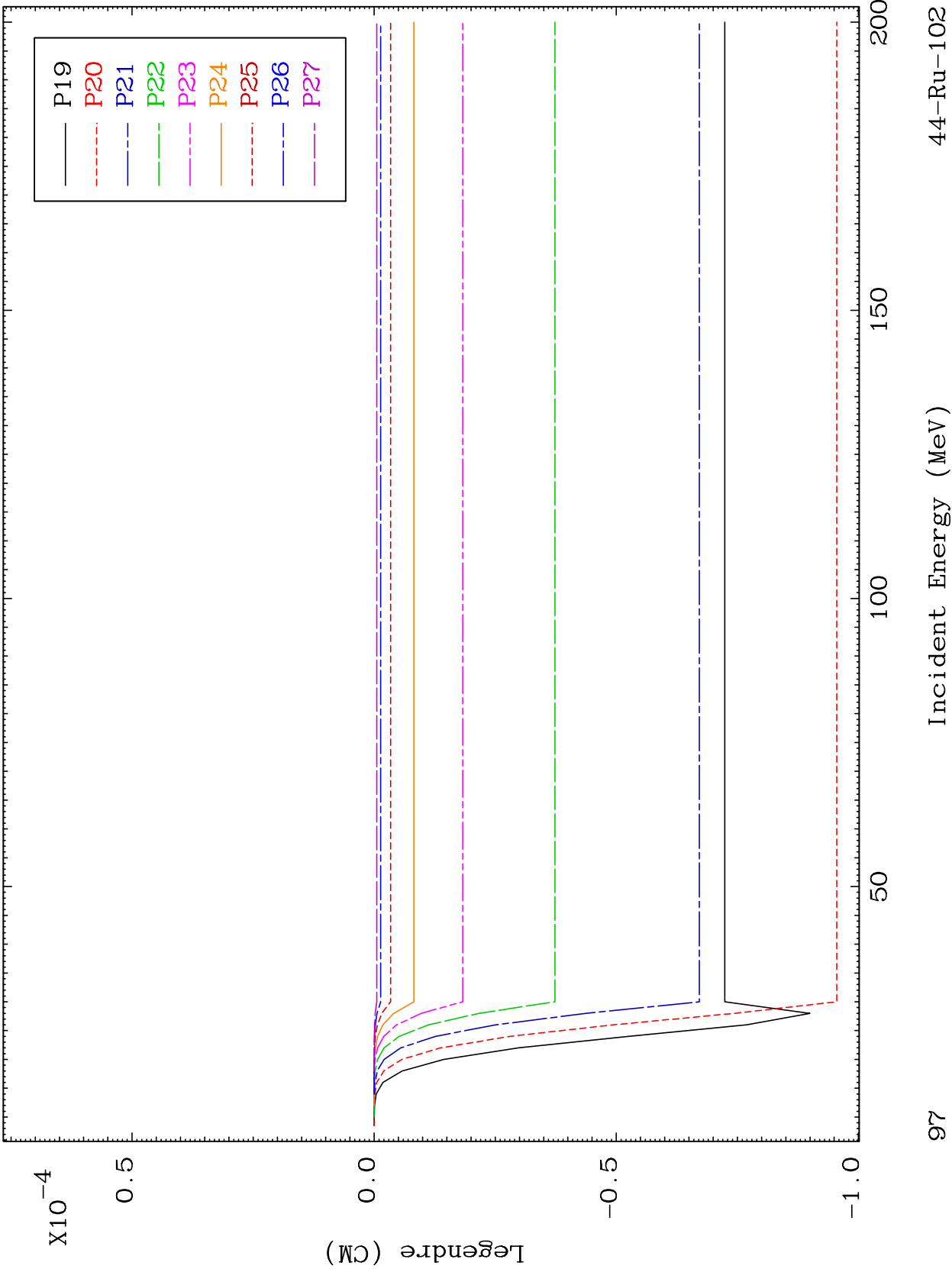
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



97

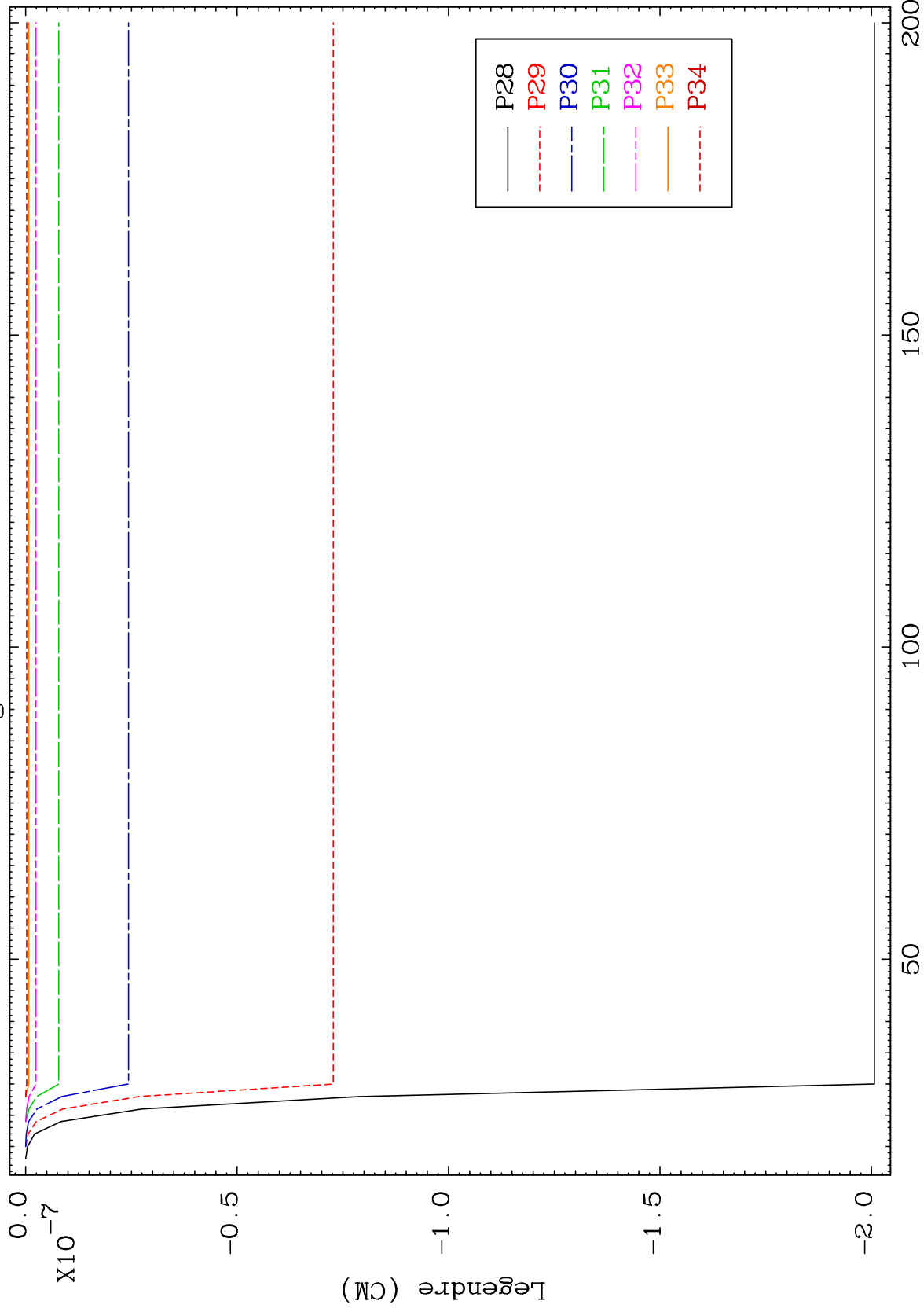
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



98

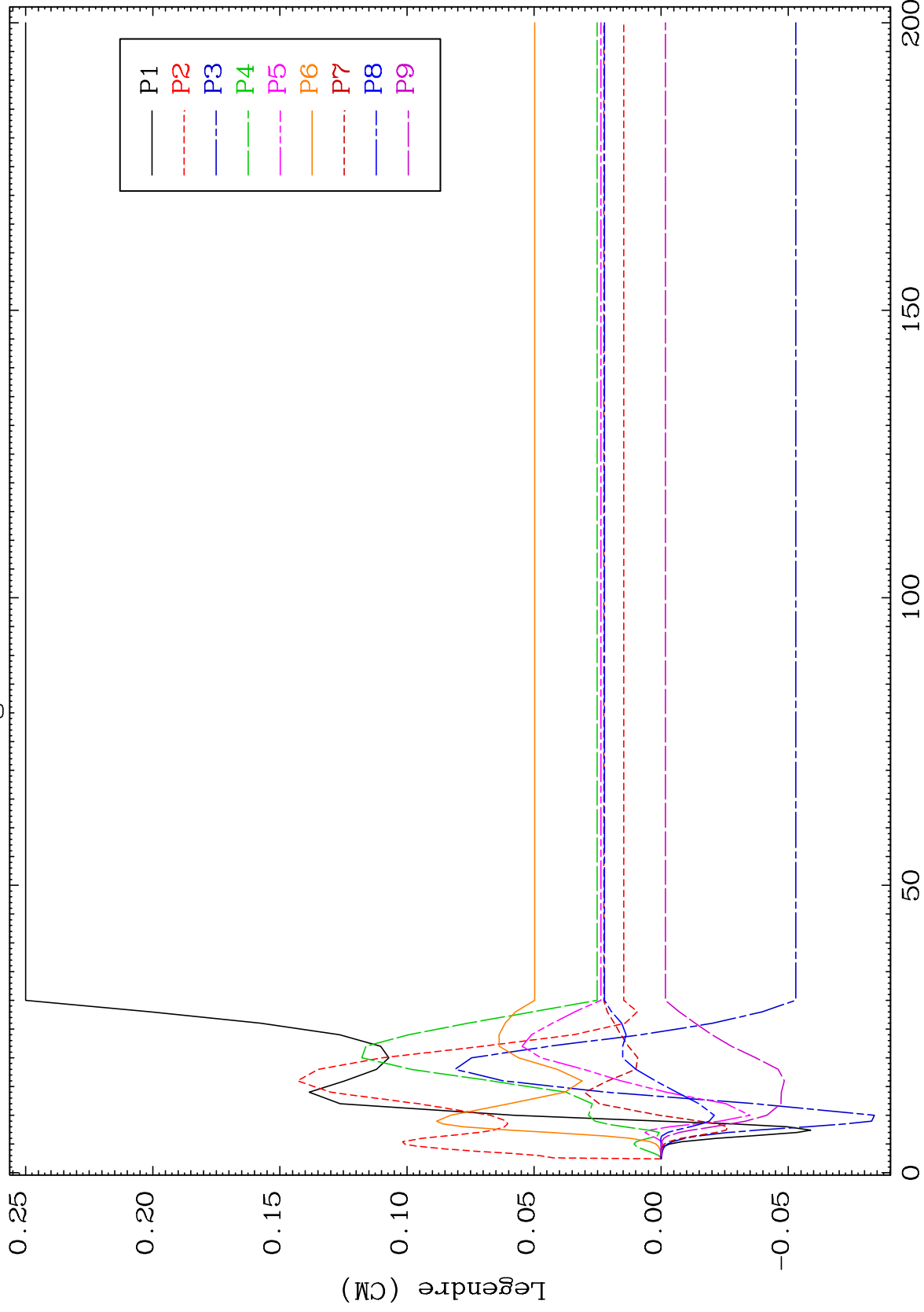
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



99

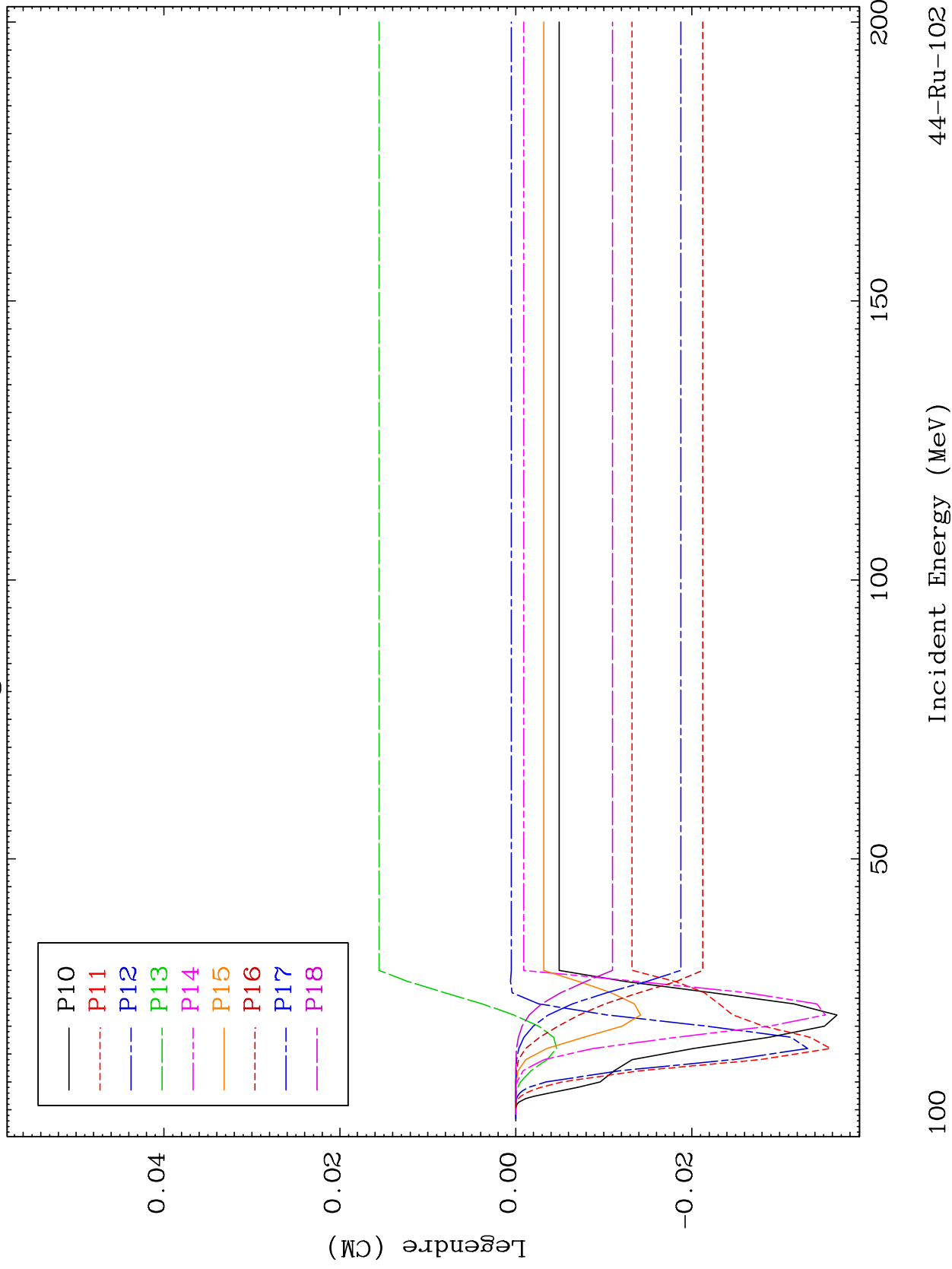
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

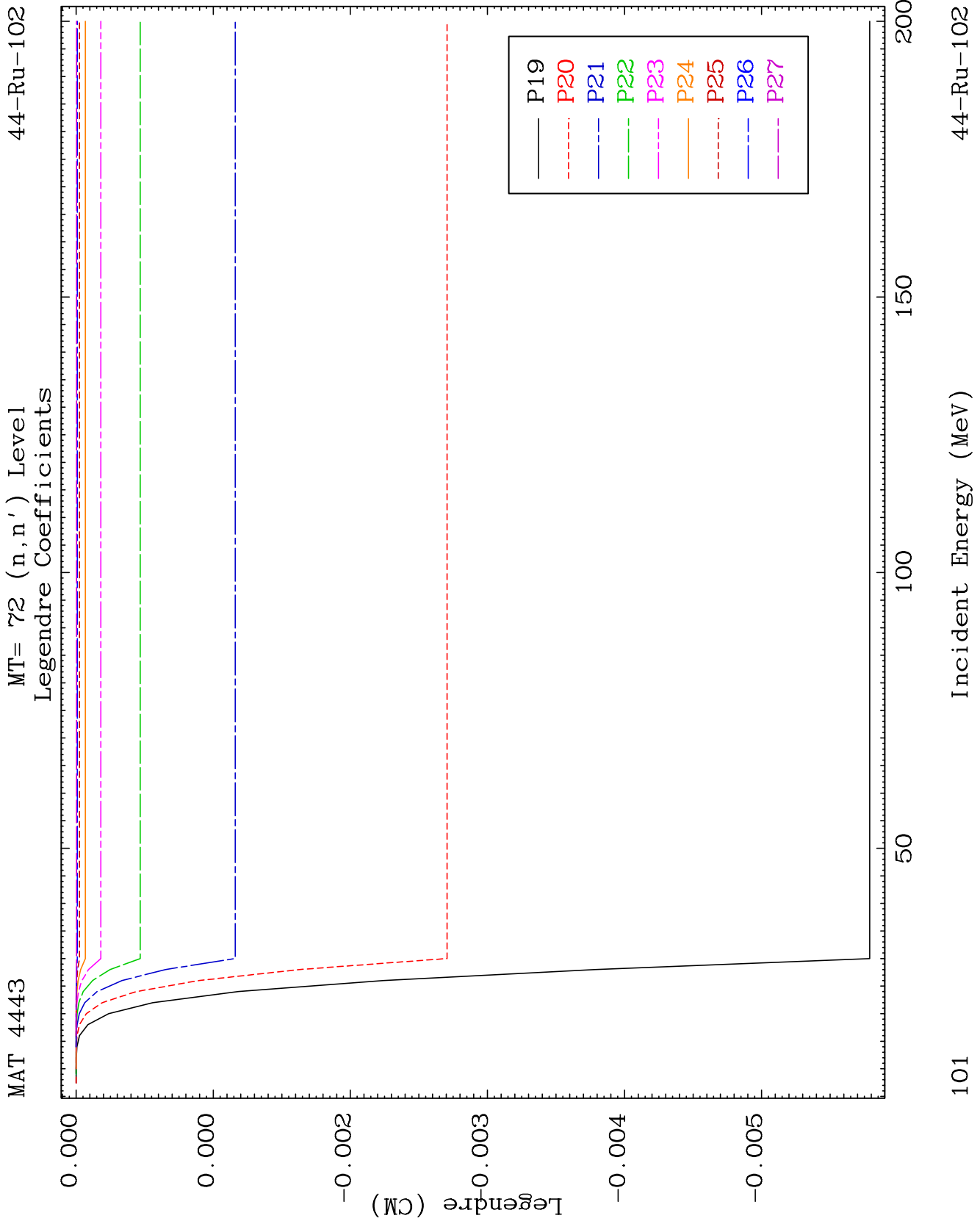
44-Ru-102

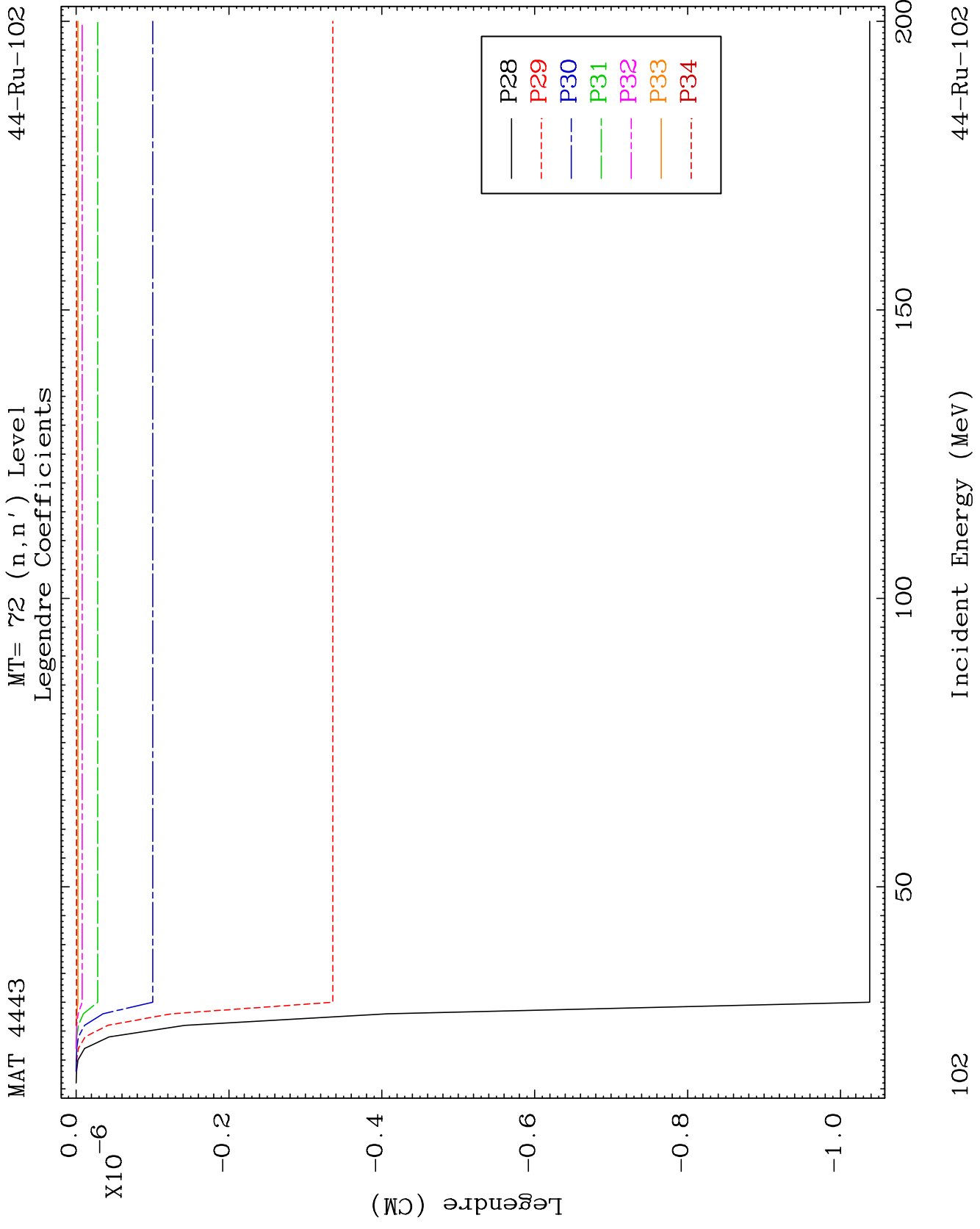


44-Ru-102

Incident Energy (MeV)

100

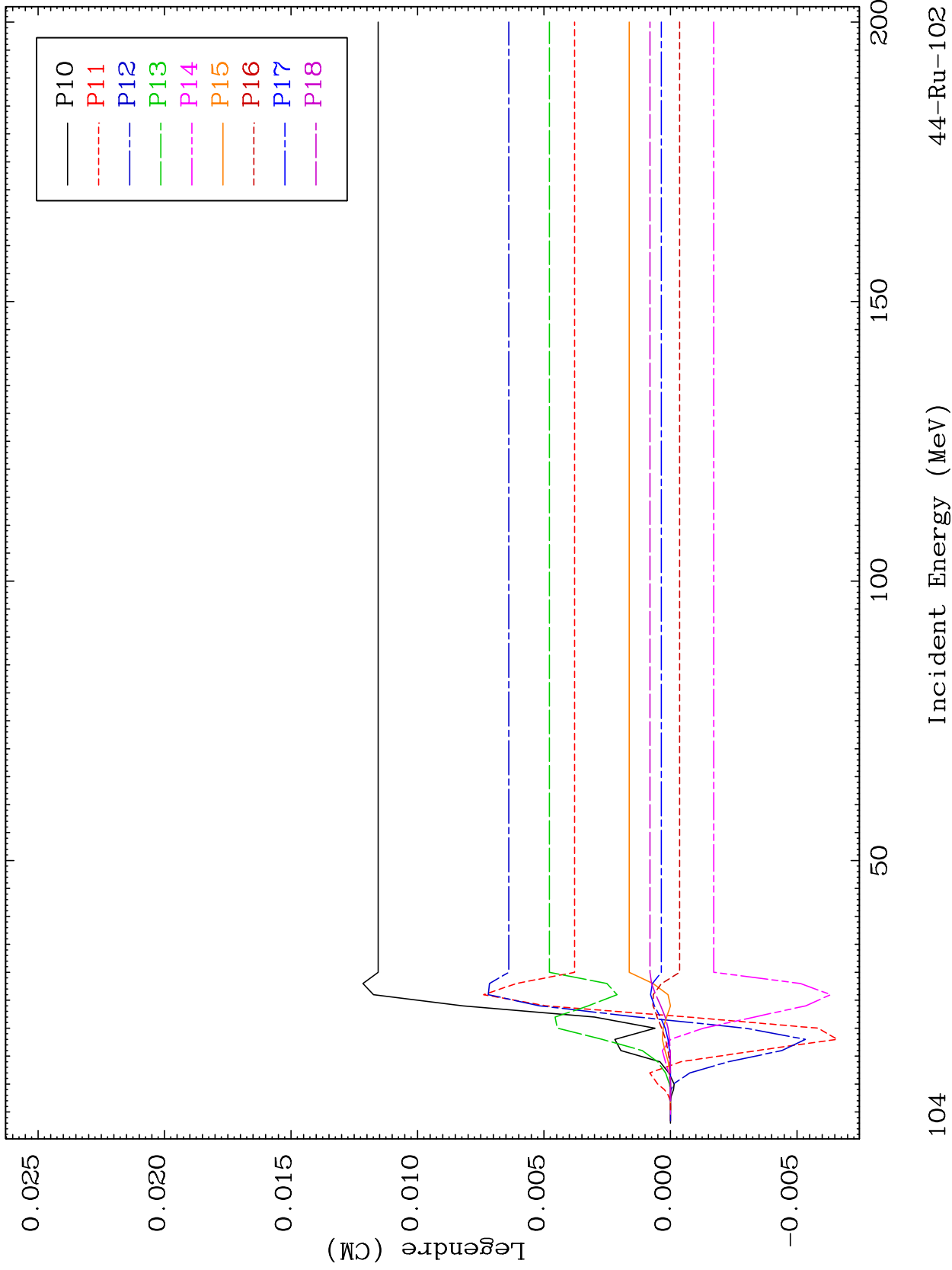




MAT 4443

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

44-Ru-102



104

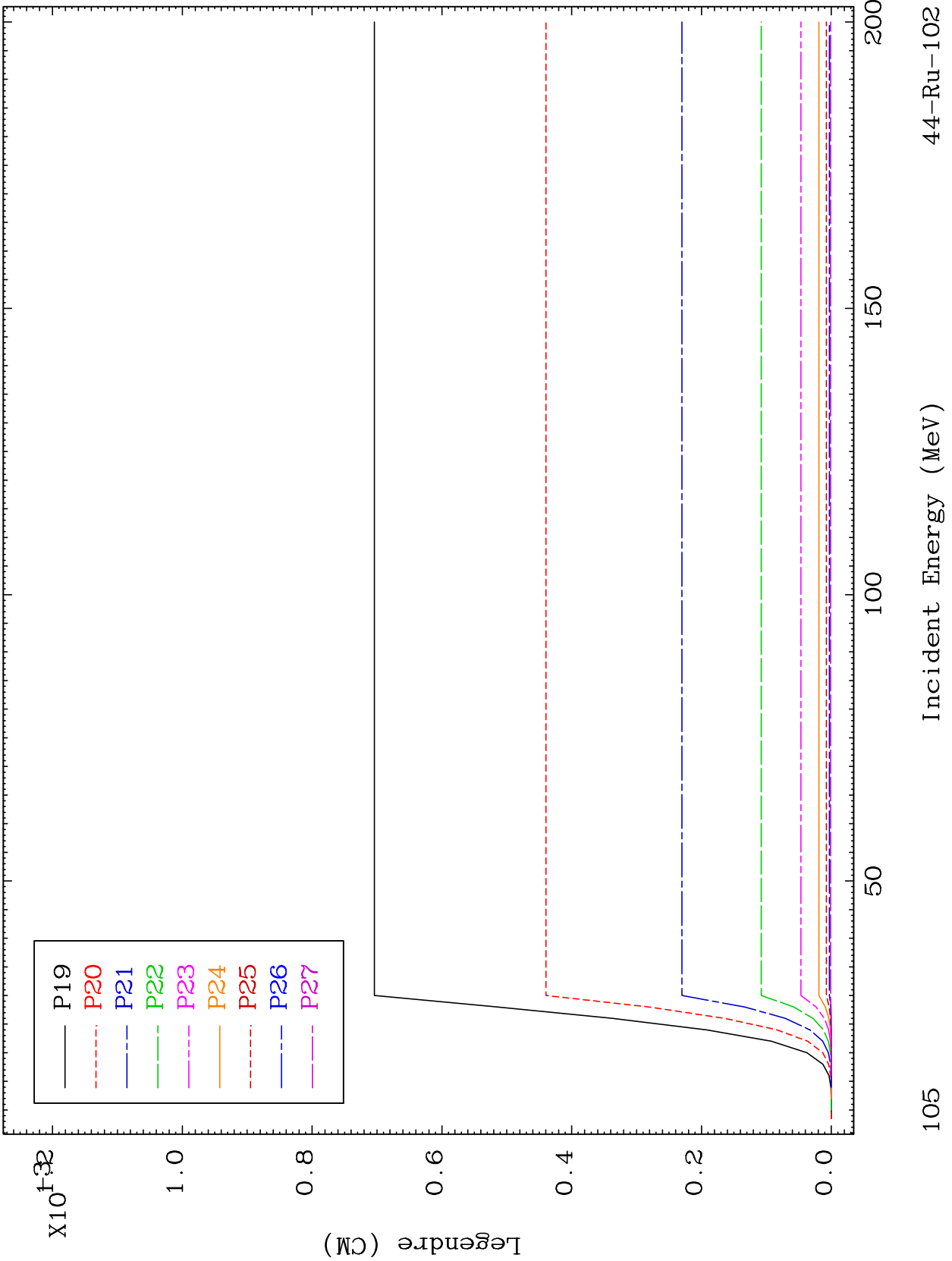
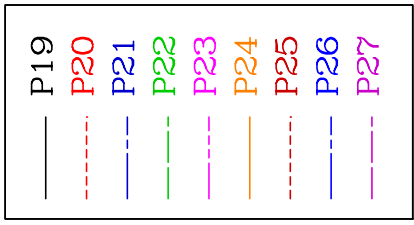
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



105

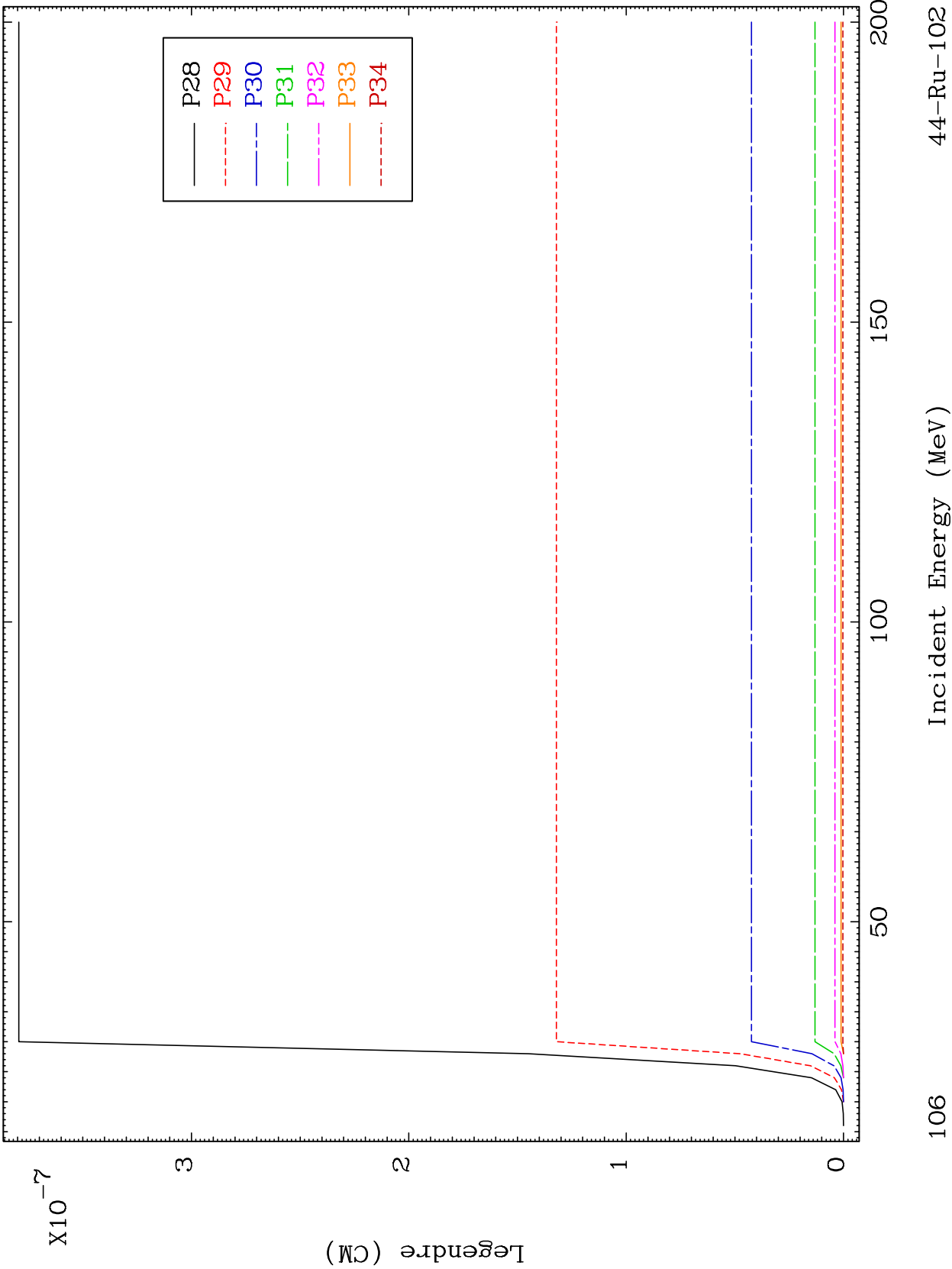
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



106

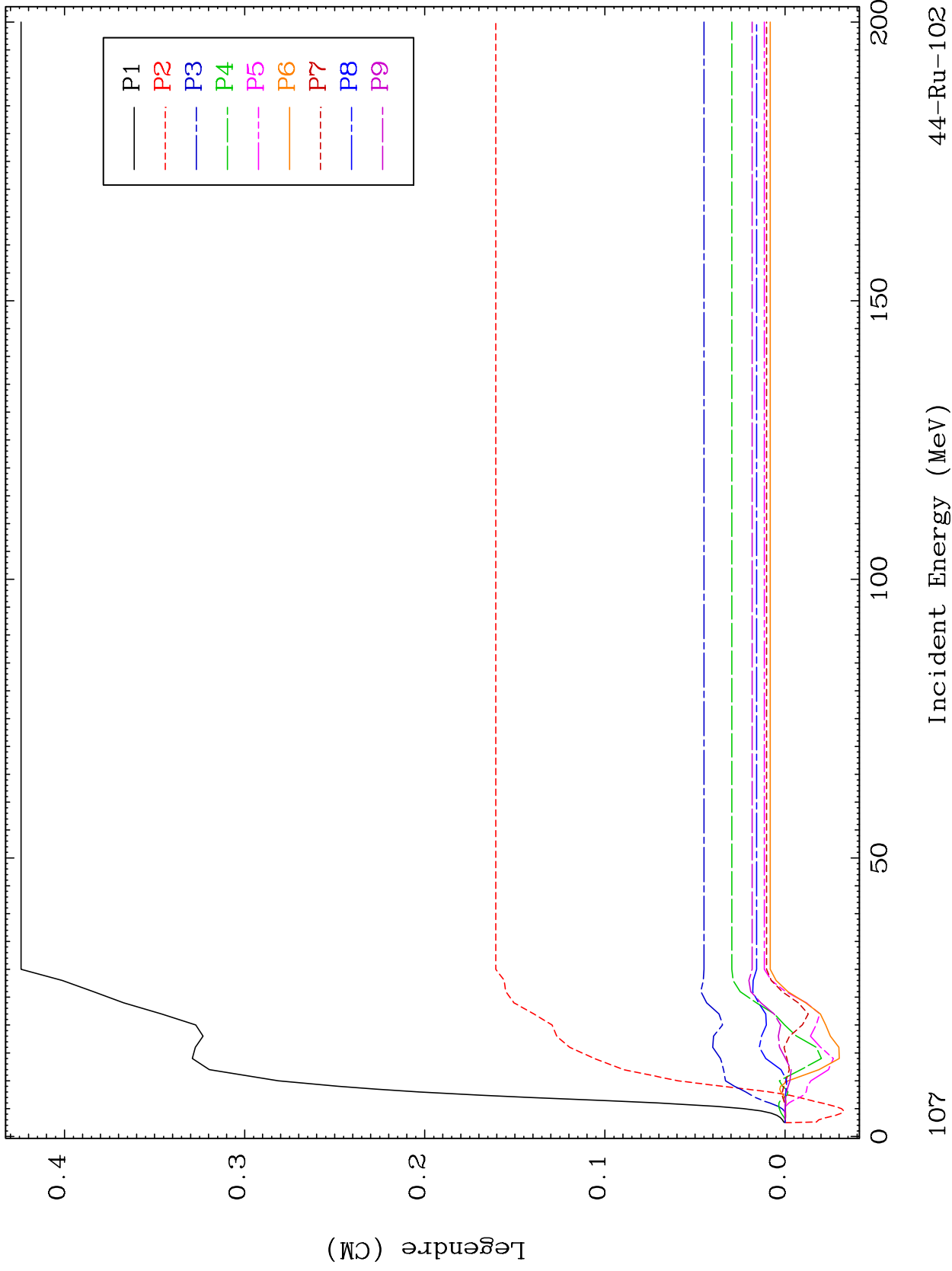
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



107

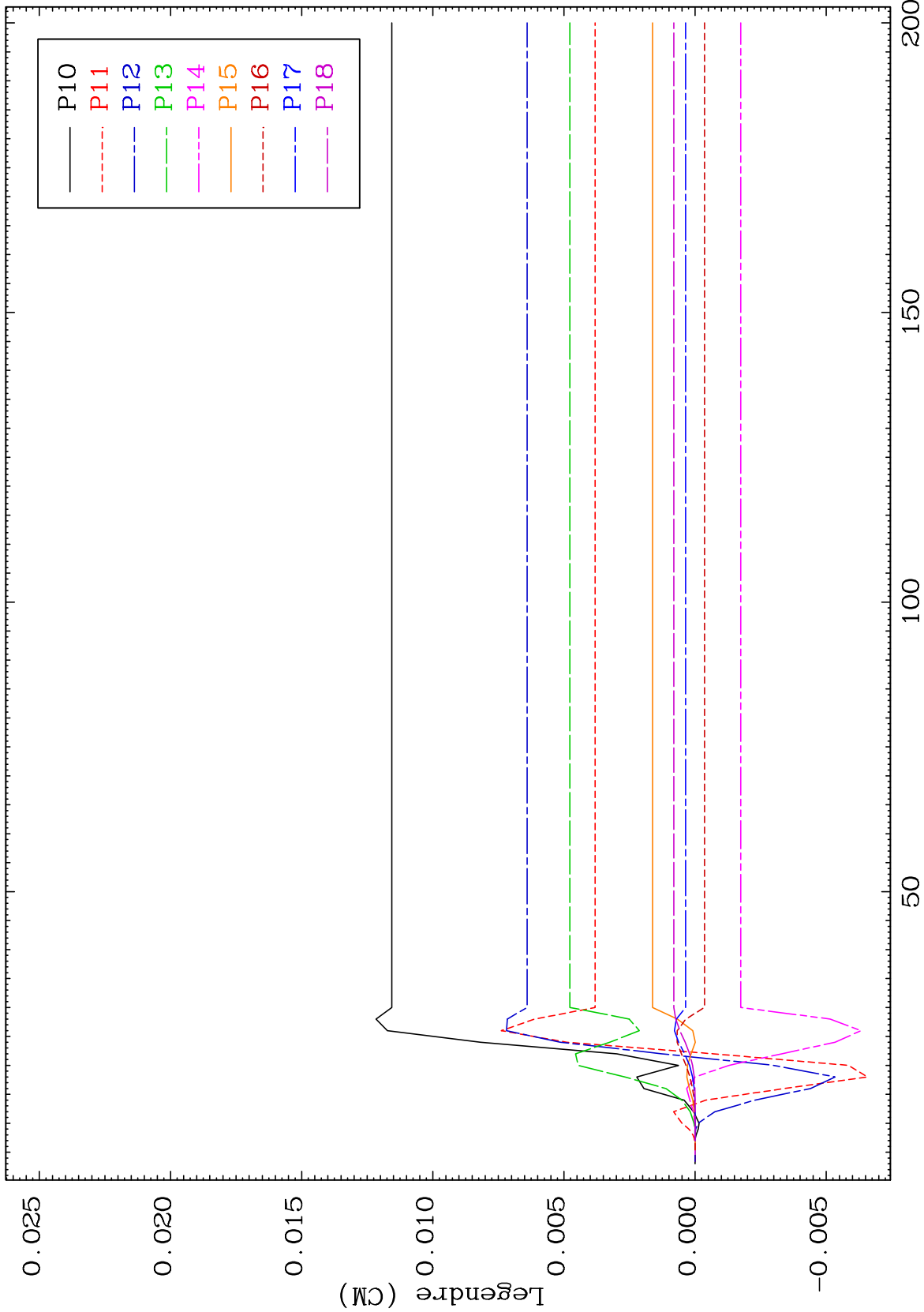
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



108

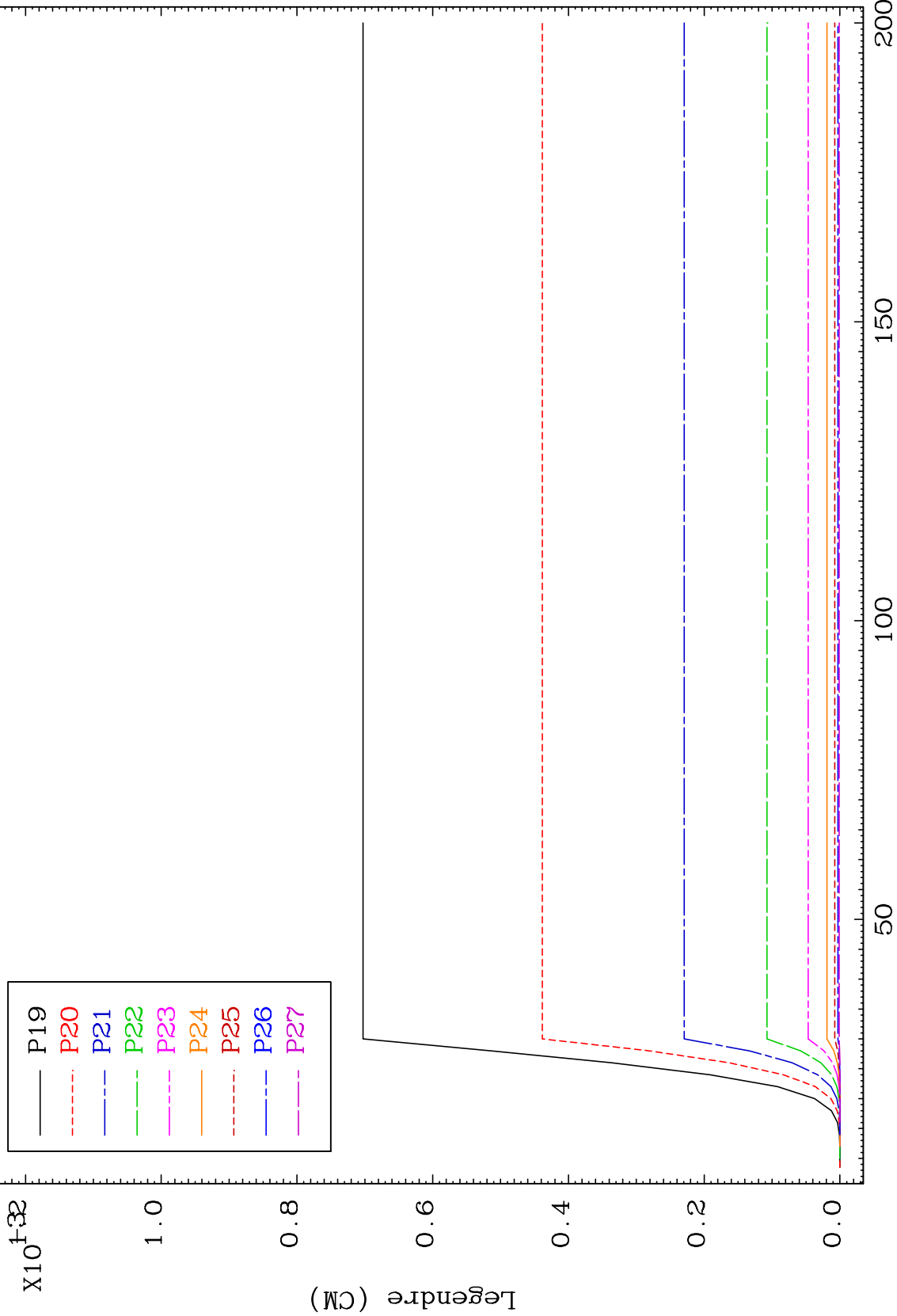
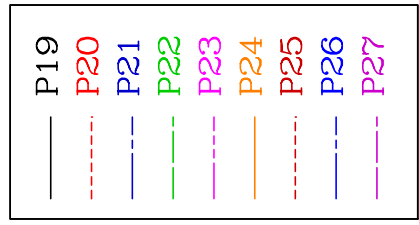
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



109

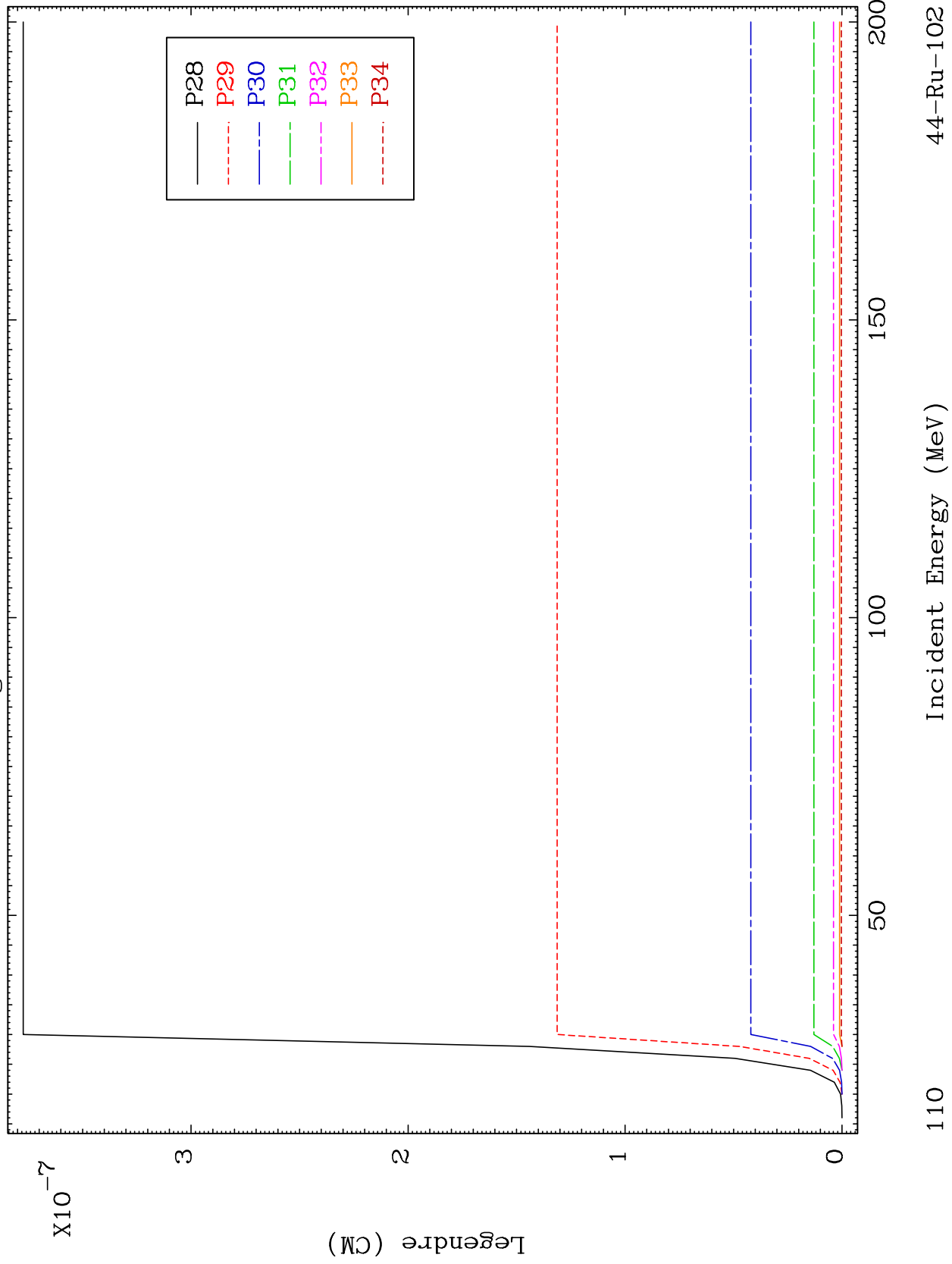
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

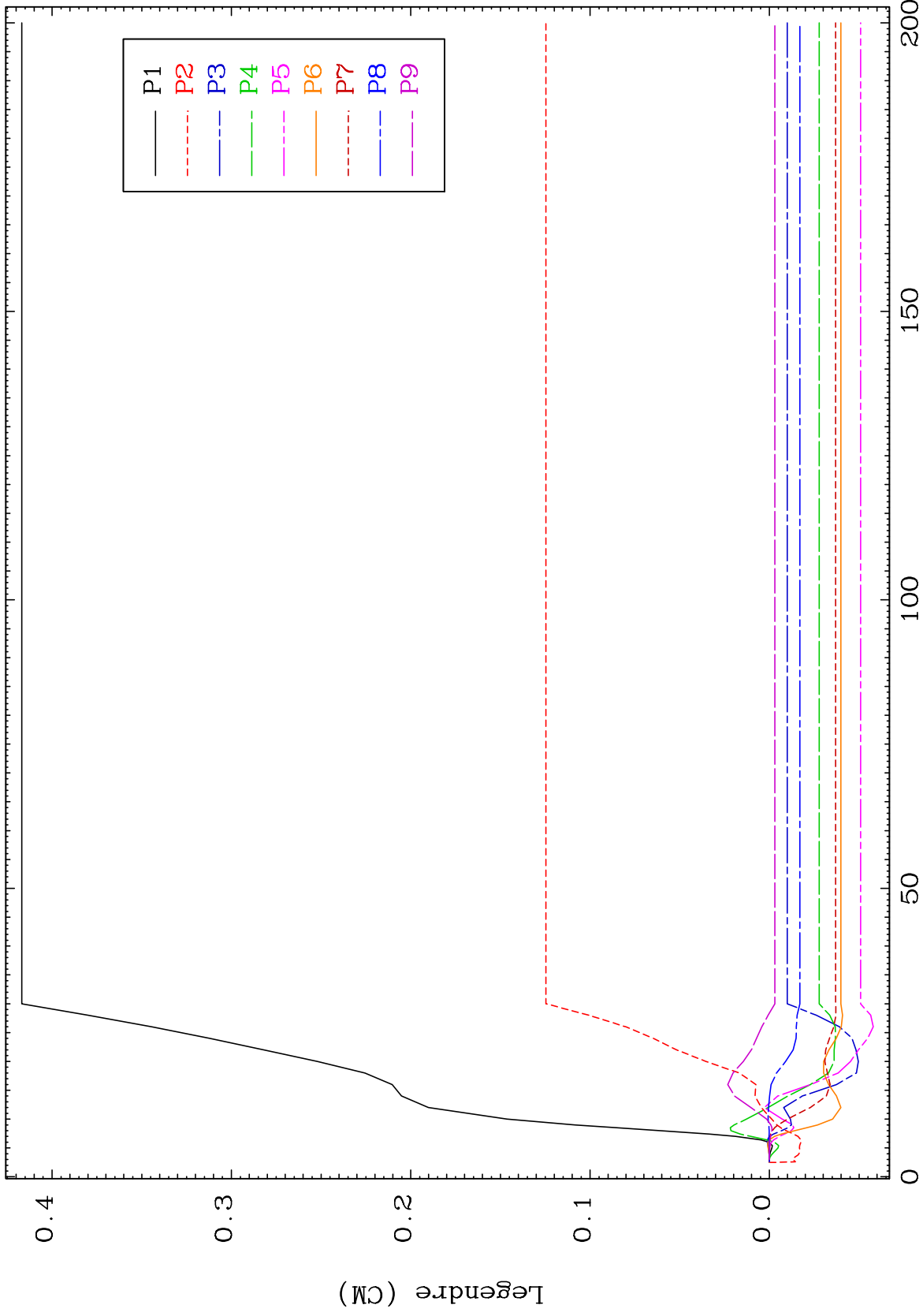
44-Ru-102



MAT 4443

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

44-Ru-102



111

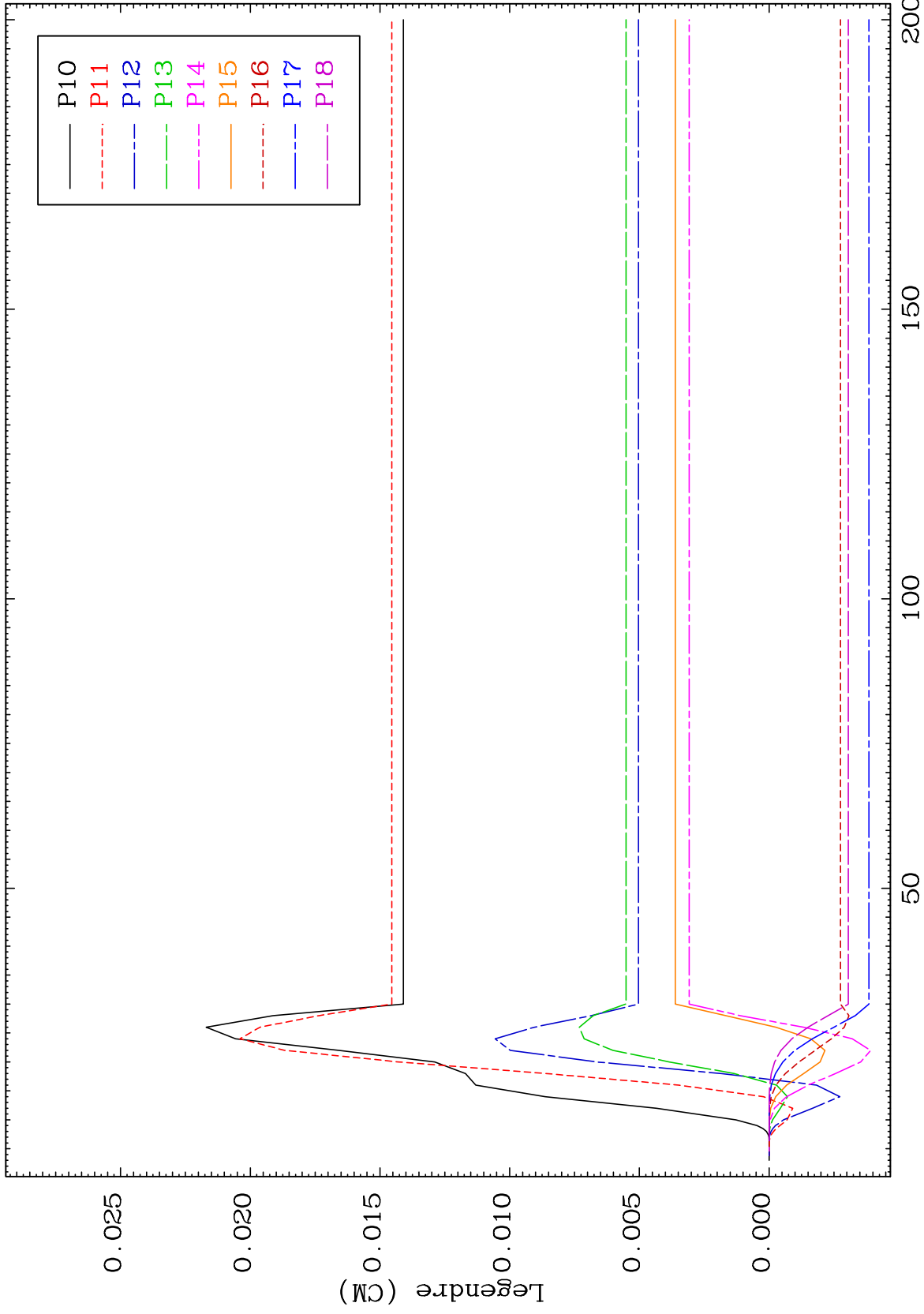
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



112

Incident Energy (MeV)

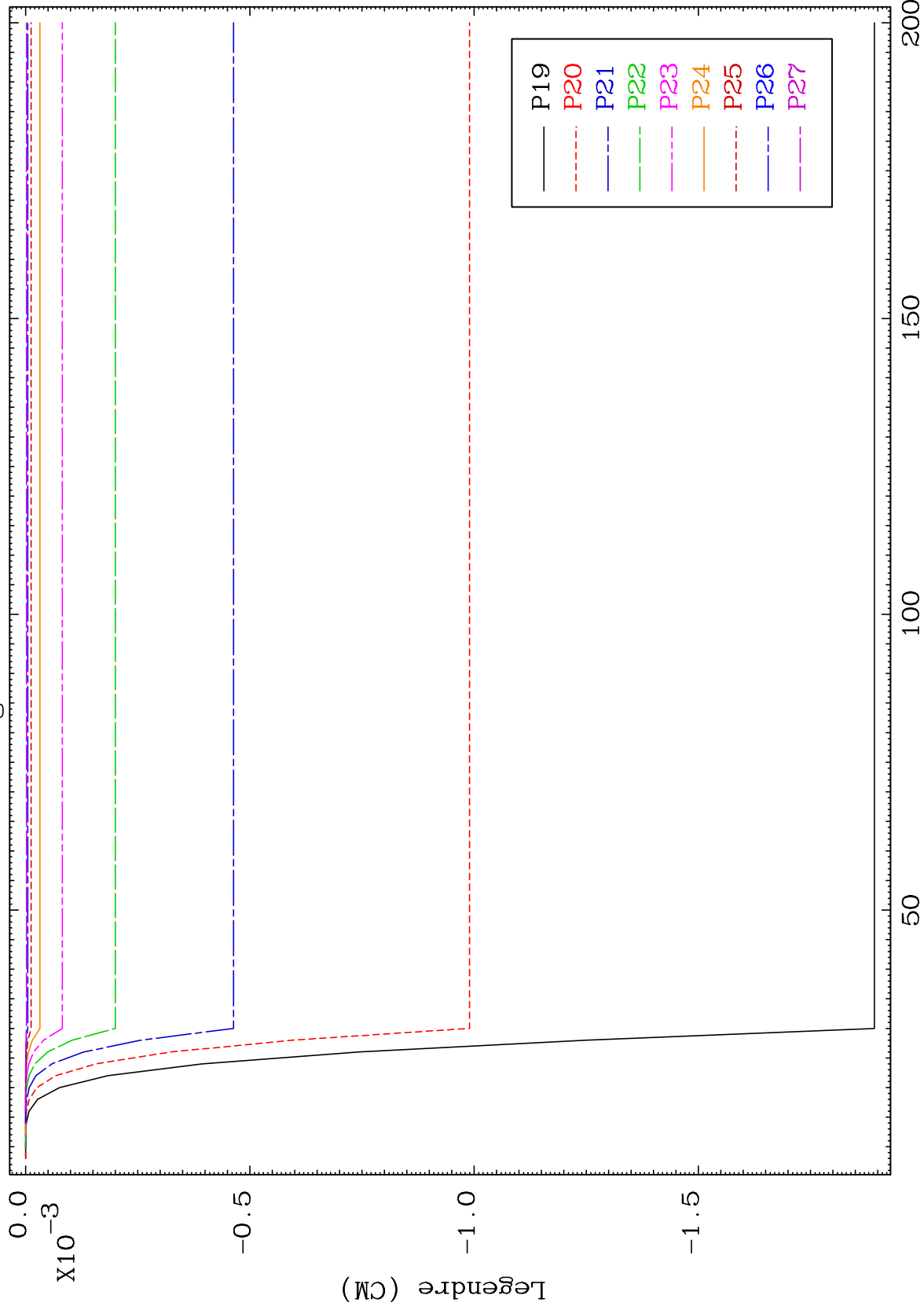
44-Ru-102

MAT 4443

MT= 75 (n,n') Level

44-Ru-102

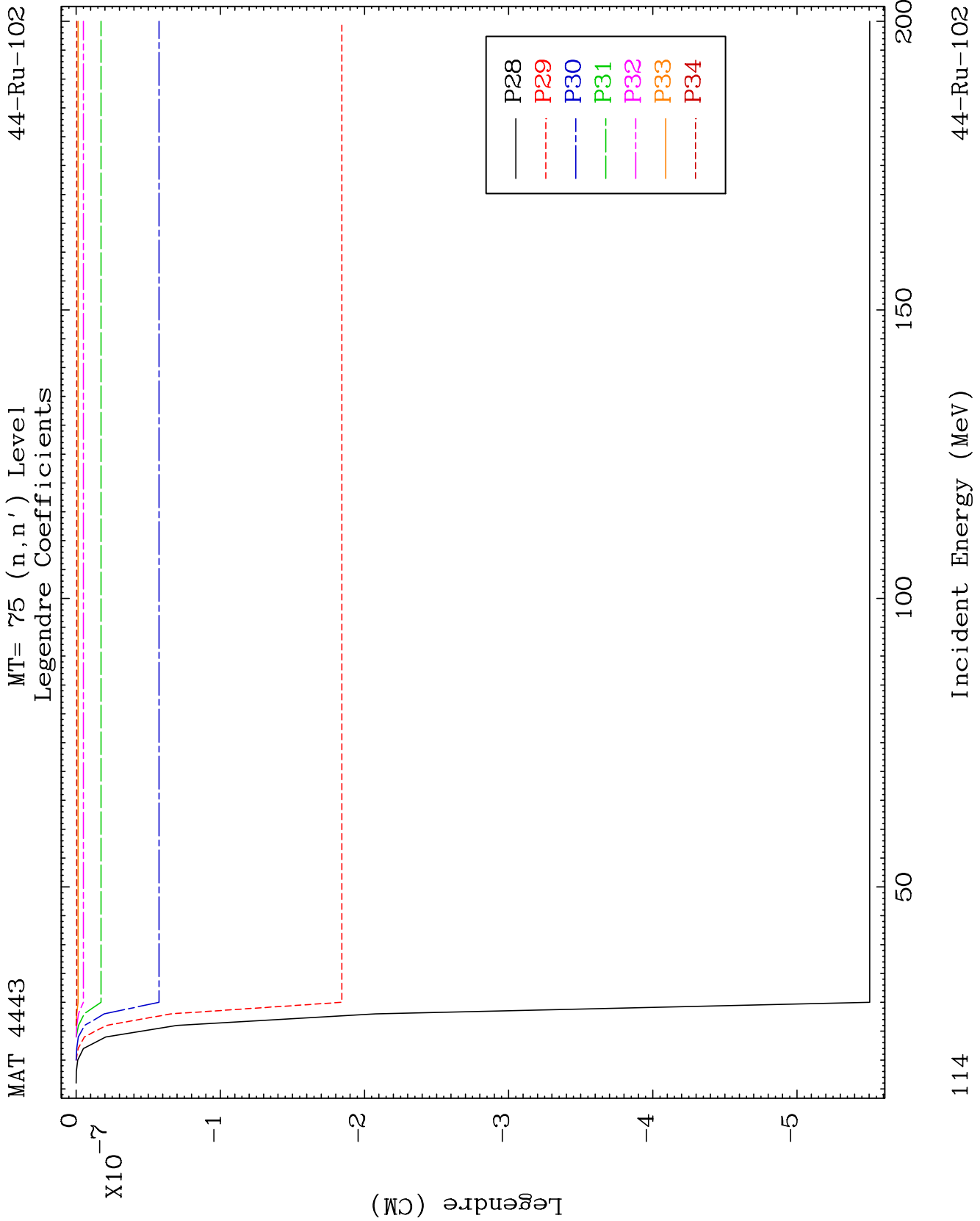
Legendre Coefficients



113

Incident Energy (MeV)

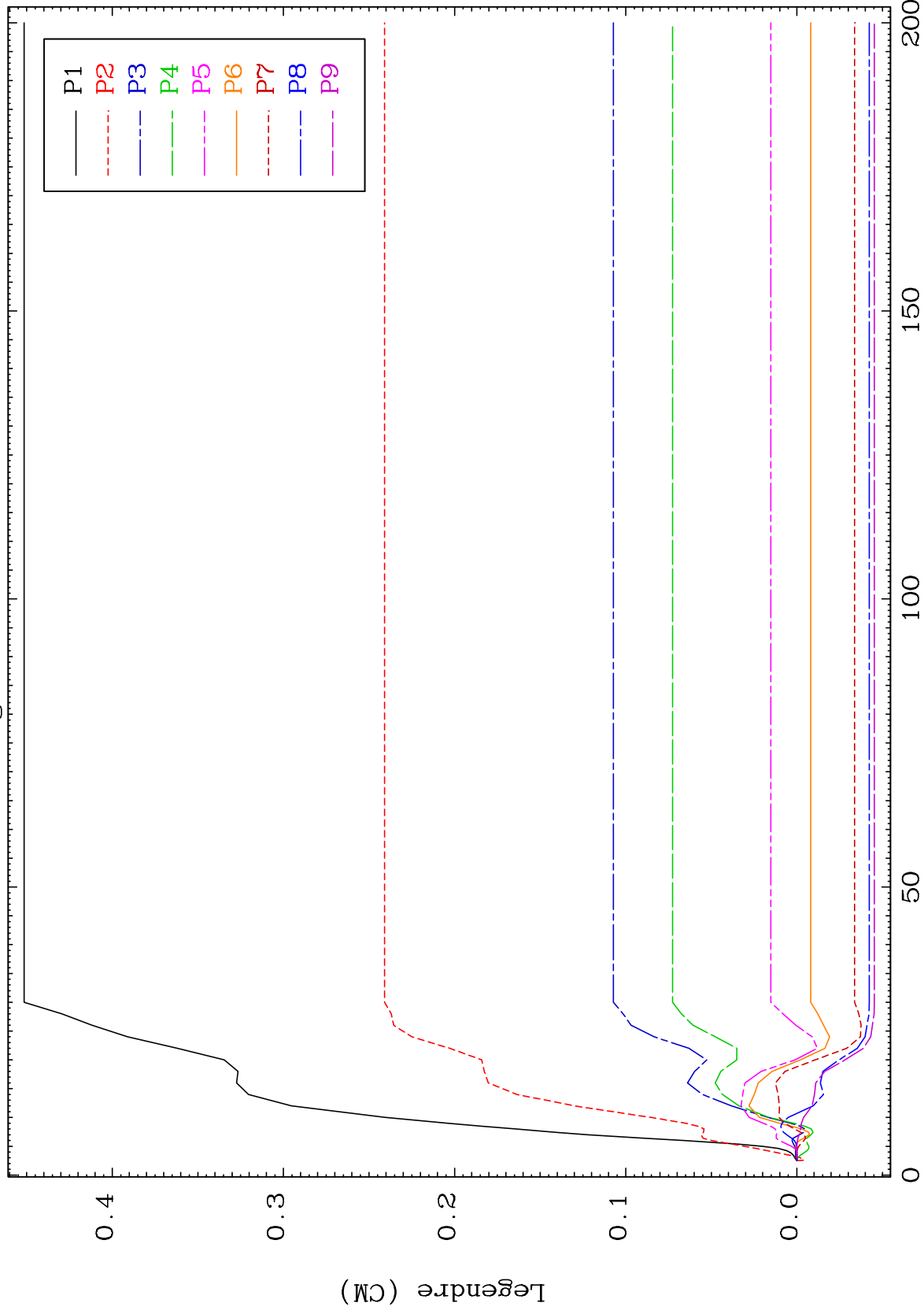
44-Ru-102



MAT 4443

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

44-Ru-102



115

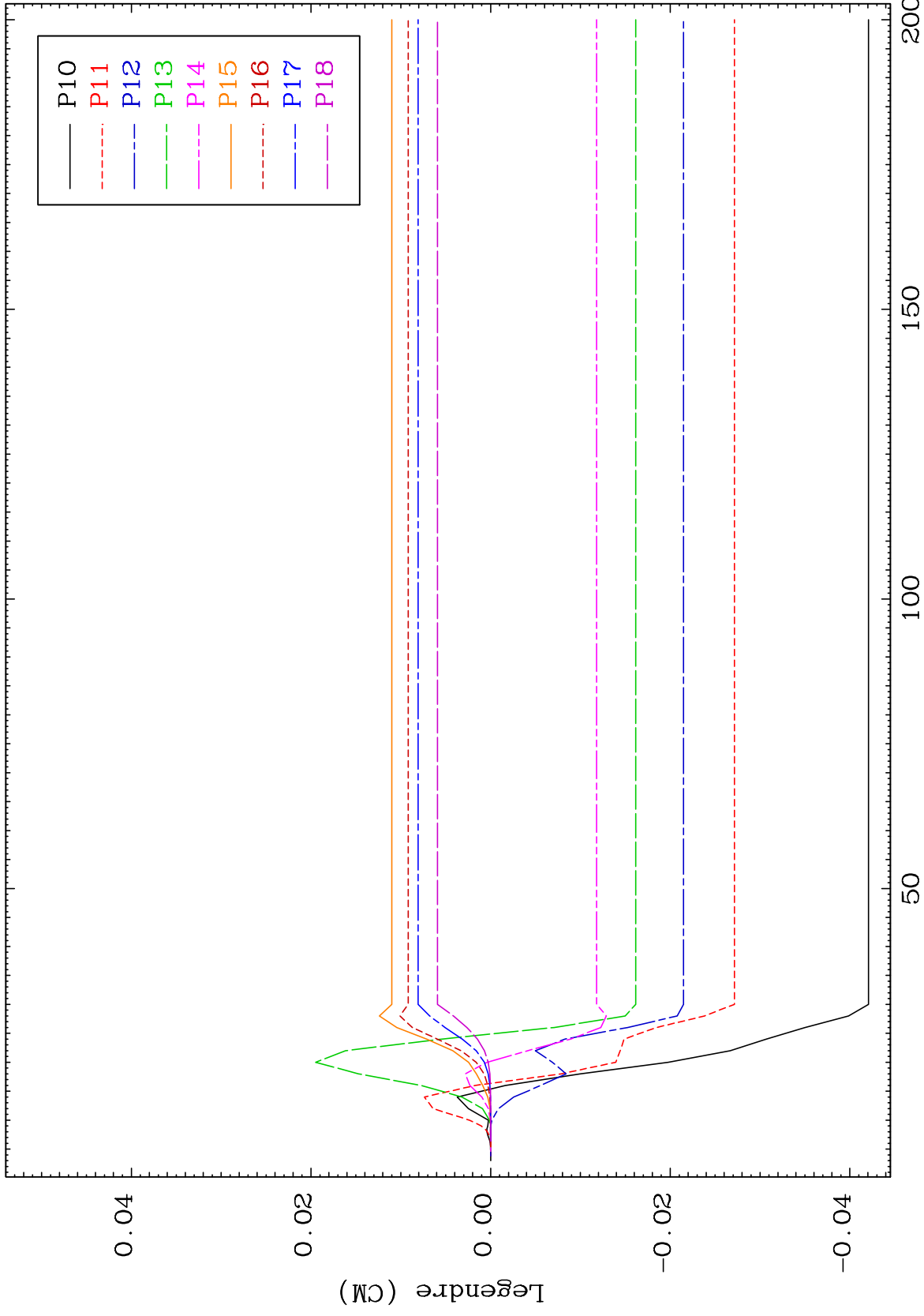
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



116

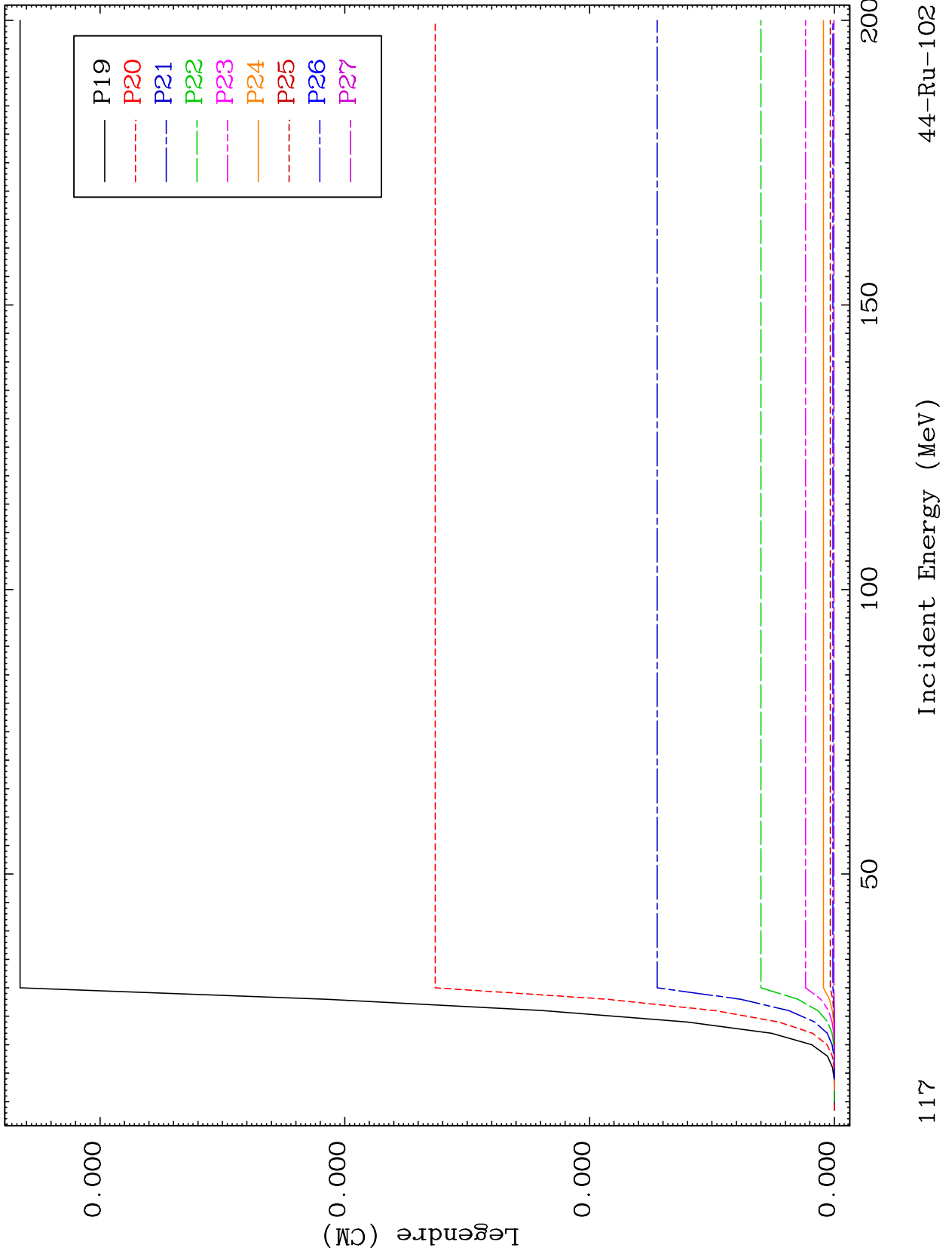
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

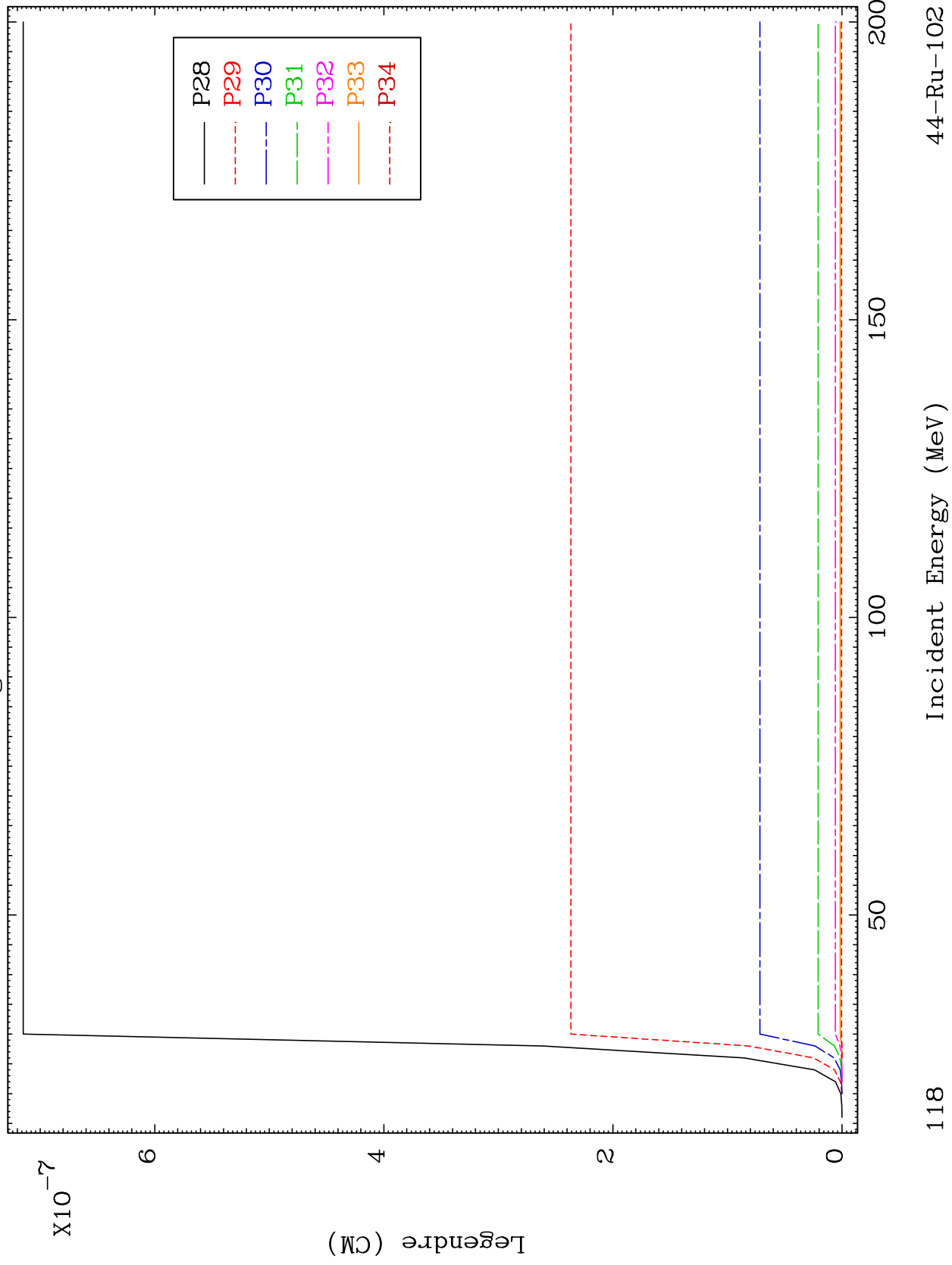
44-Ru-102



MAT 4443

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

44-Ru-102



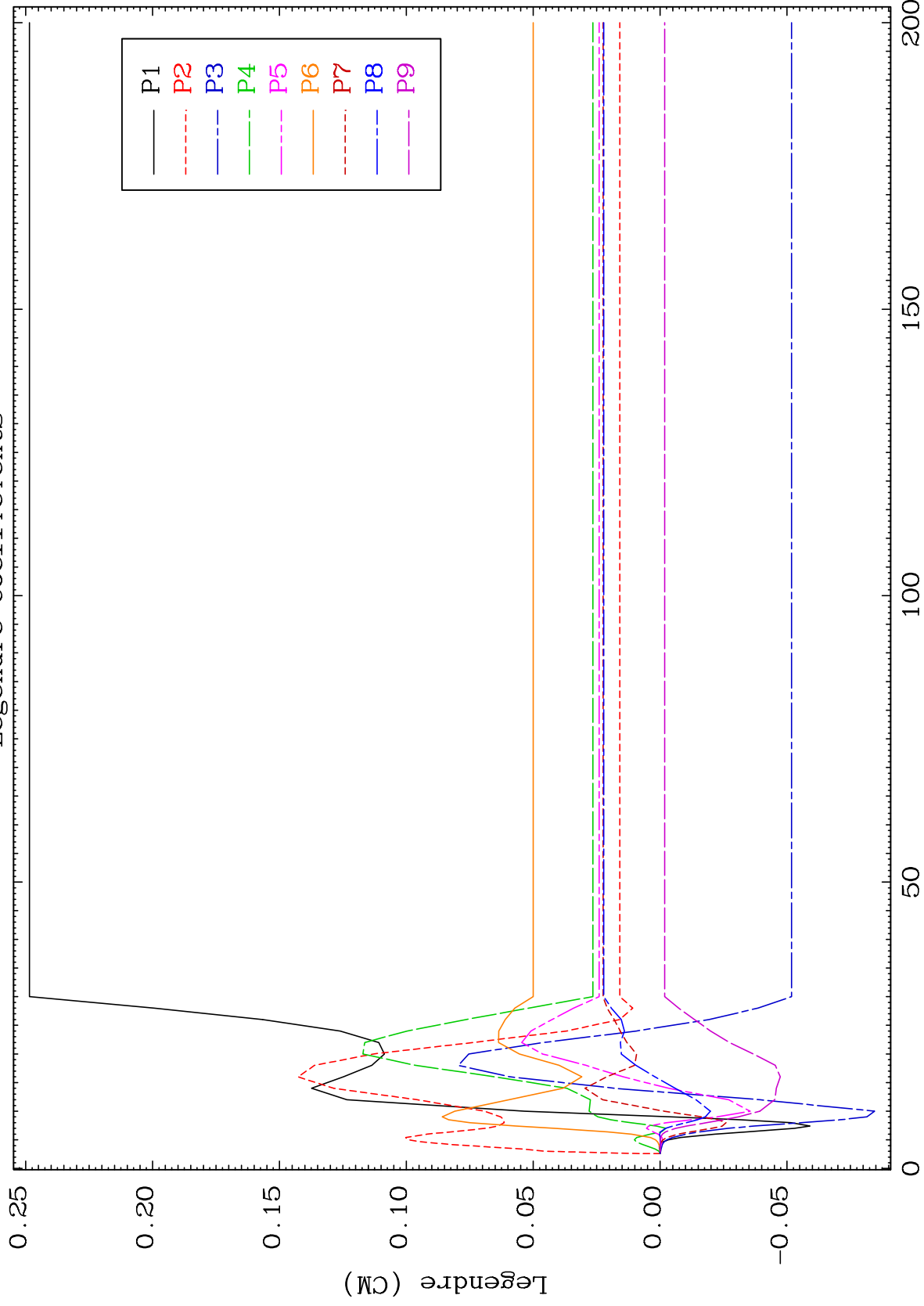
118

MAT 4443

MT= 77 (n,n') Level

44-Ru-102

Legendre Coefficients



119

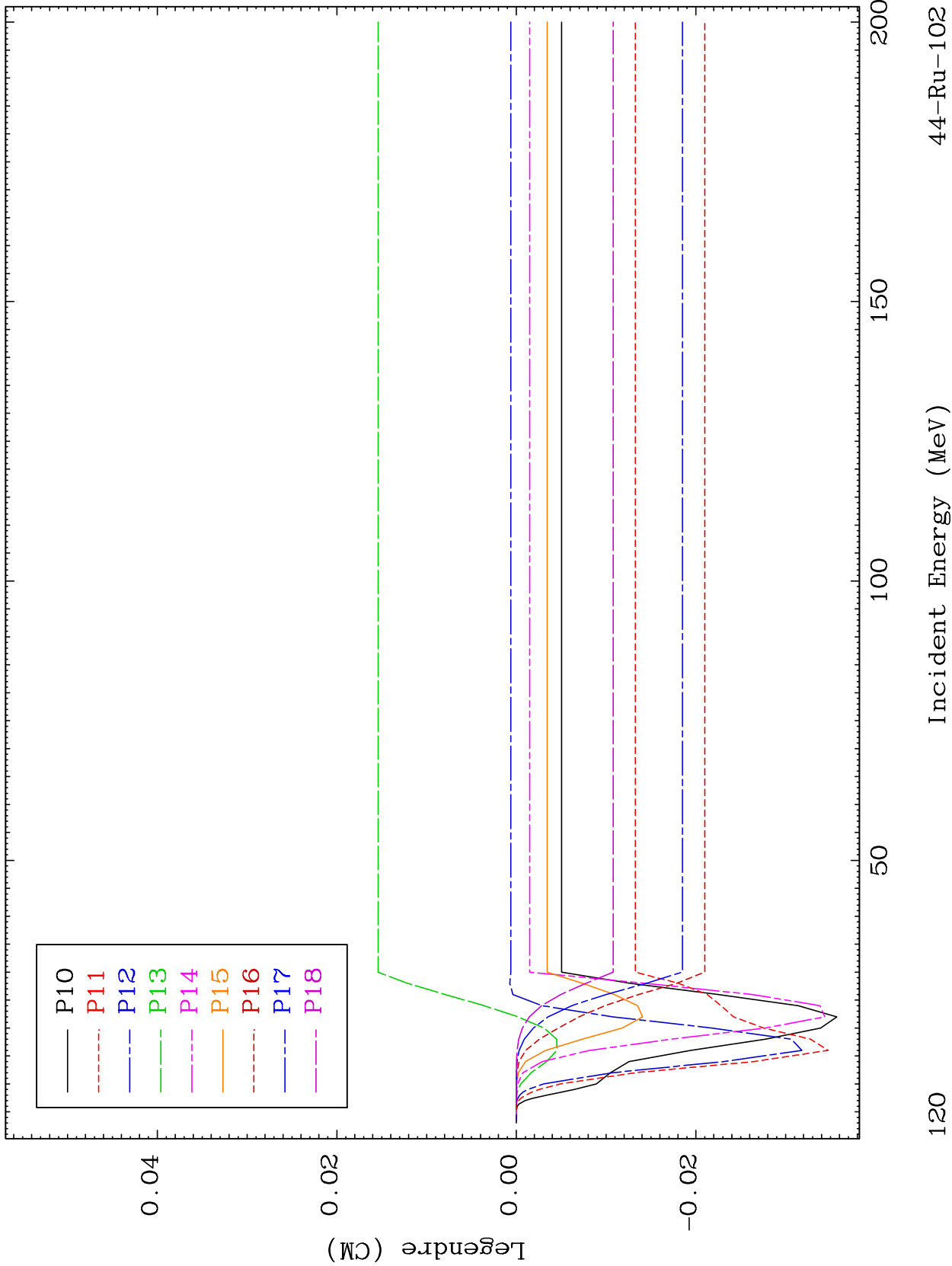
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



120

Incident Energy (MeV)

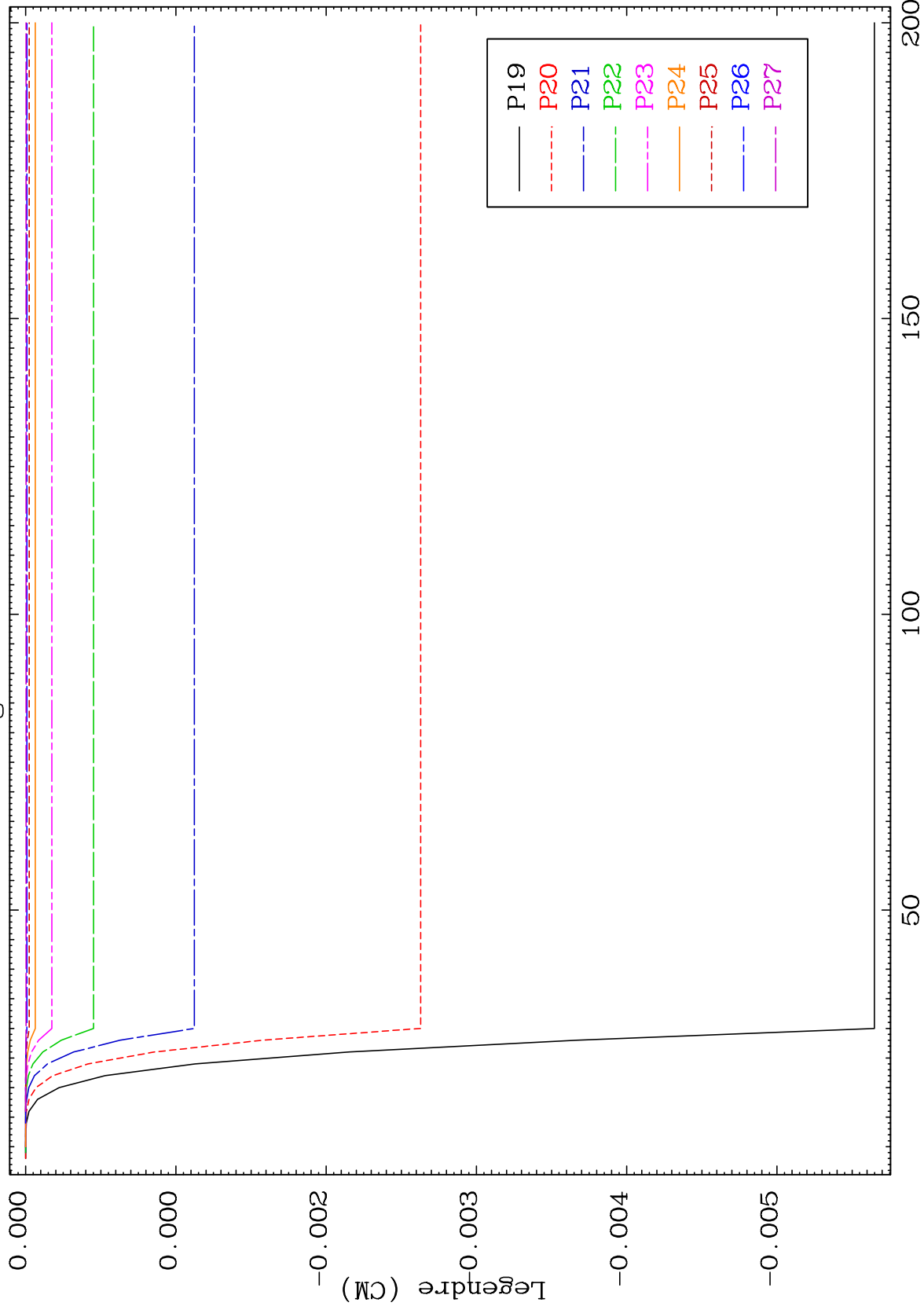
44-Ru-102

MAT 4443

MT= 77 (n,n') Level

44-Ru-102

Legendre Coefficients



44-Ru-102

Incident Energy (MeV)

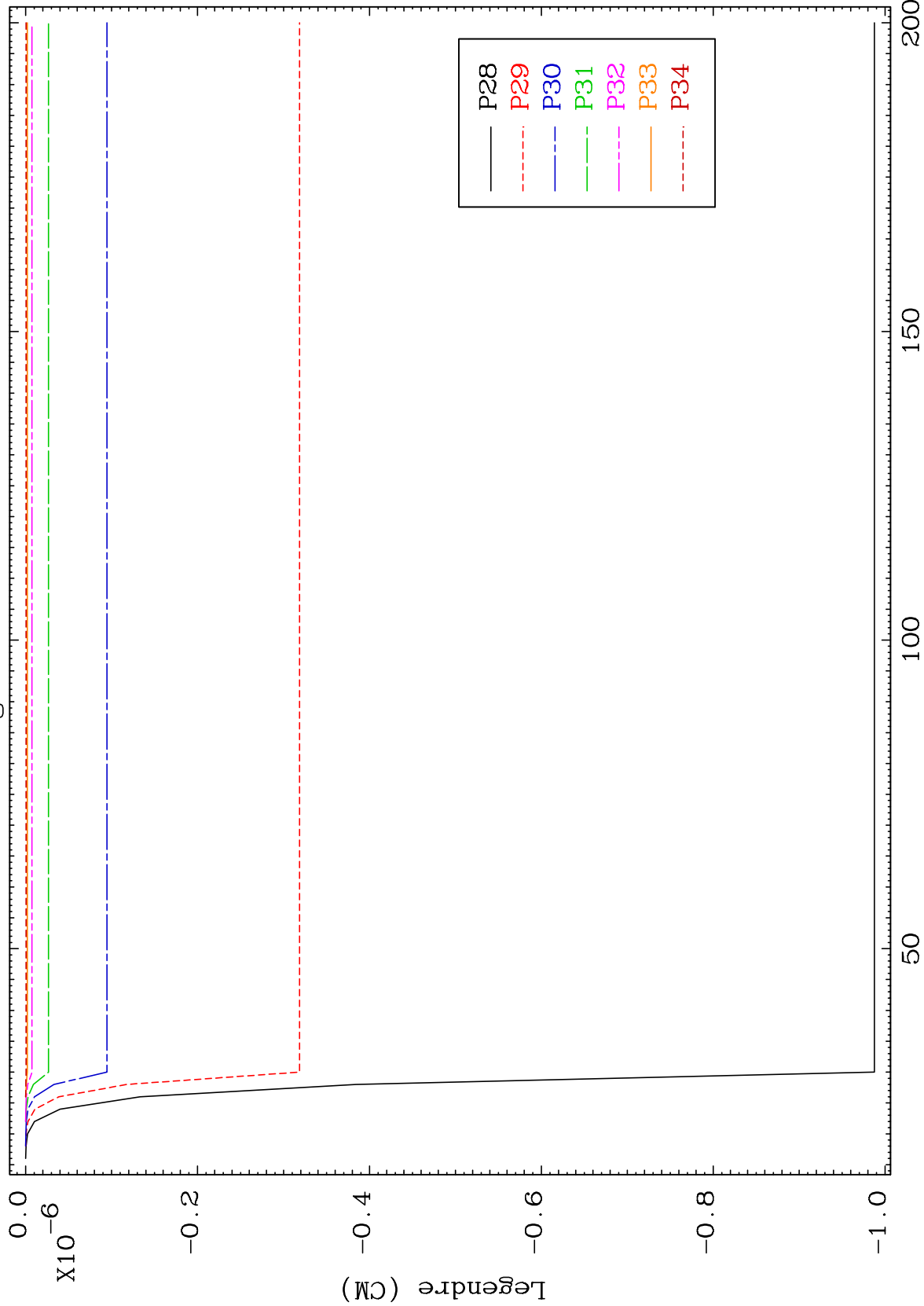
121

MAT 4443

MT= 77 (n,n') Level

44-Ru-102

Legendre Coefficients



122

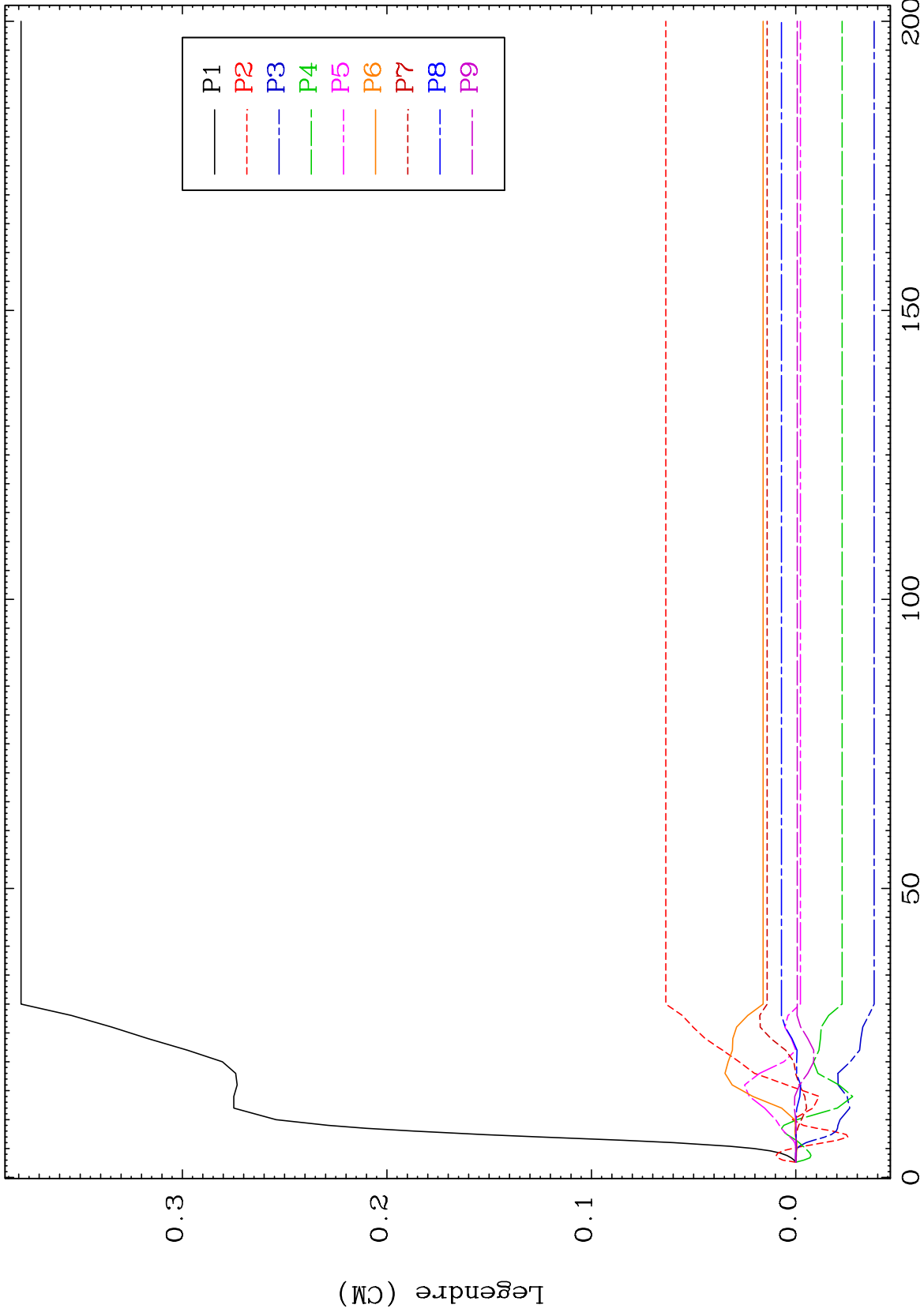
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



123

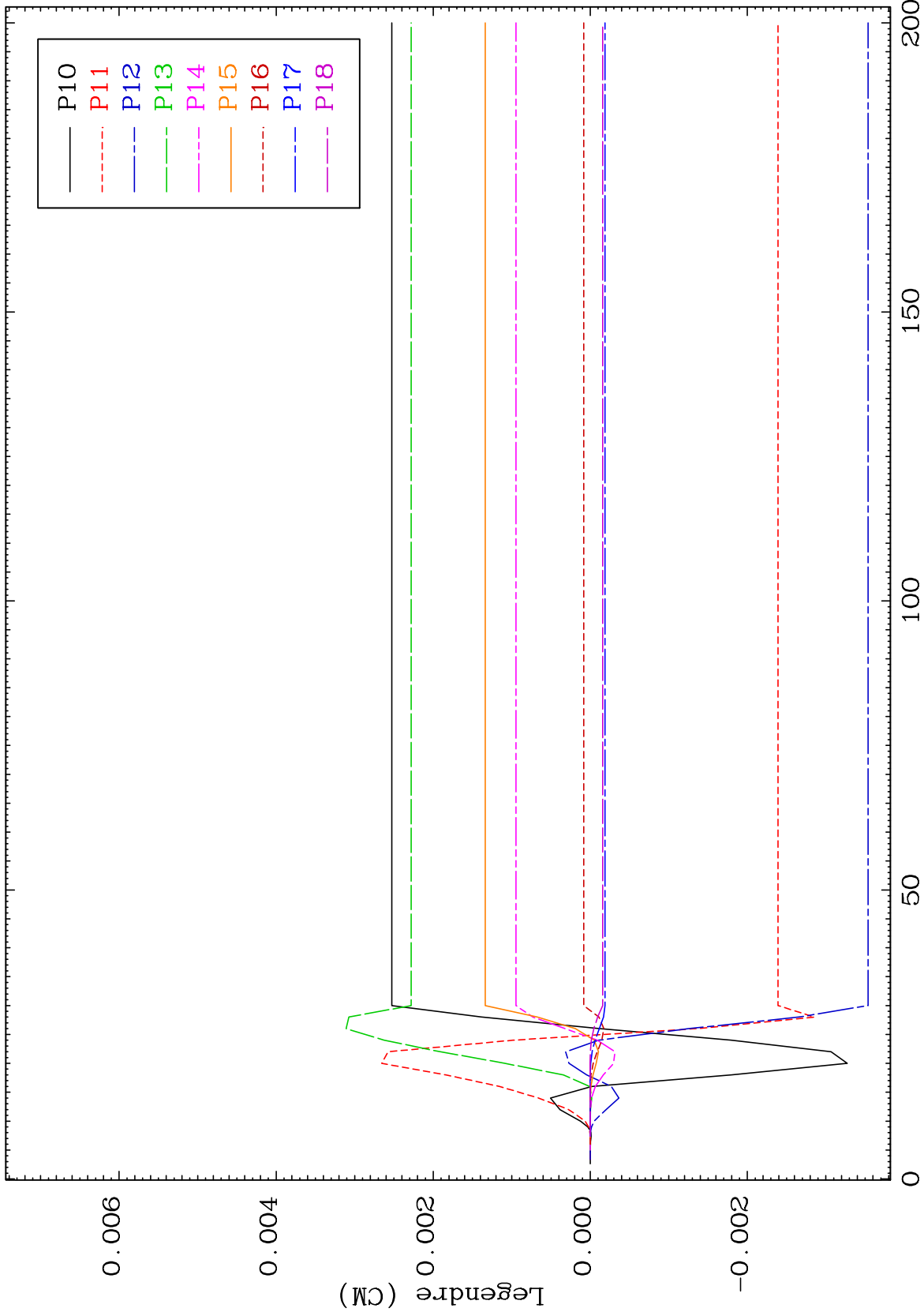
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



124

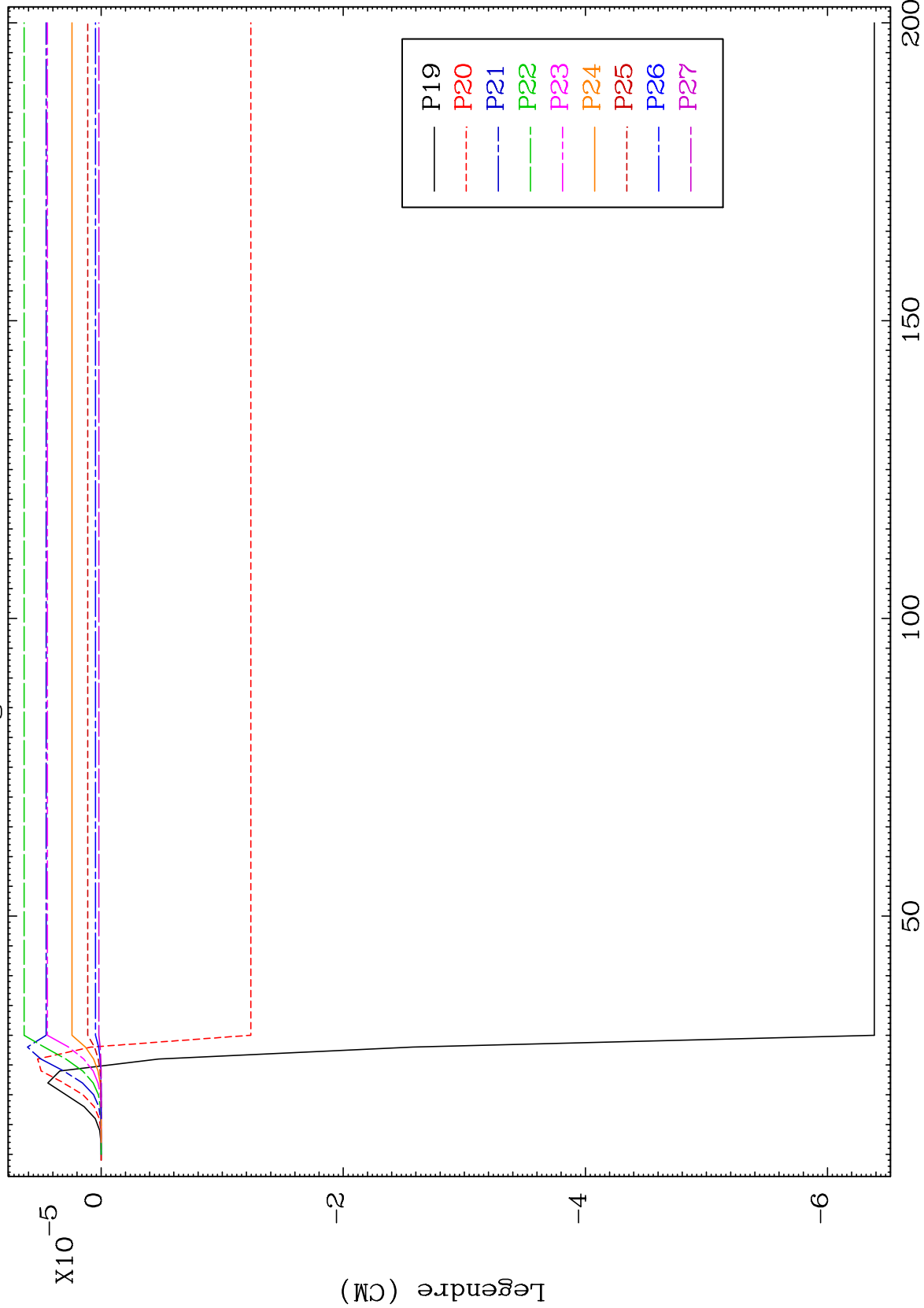
Incident Energy (MeV)

44-Ru-102

MAT 4443

44-Ru-102

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



125

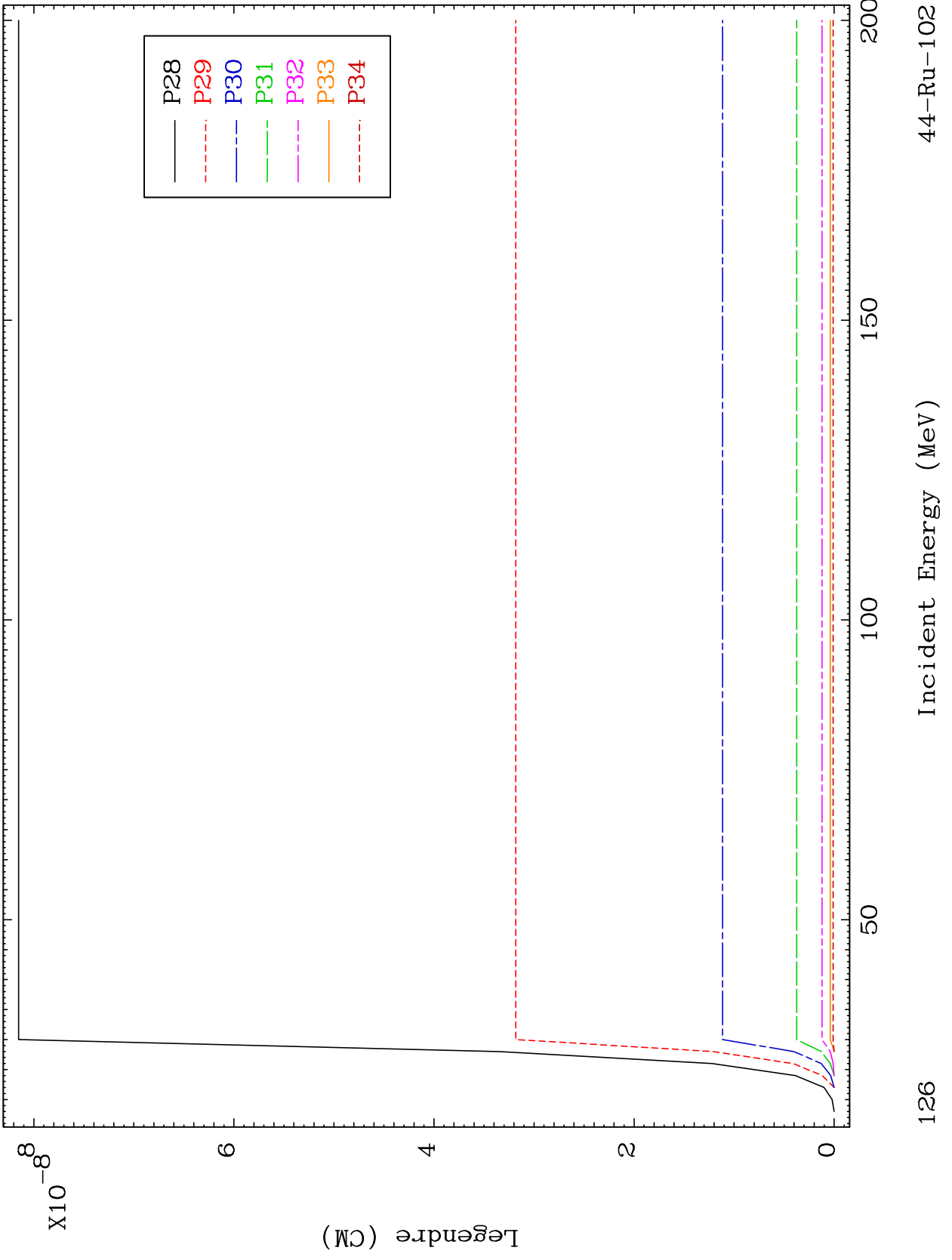
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

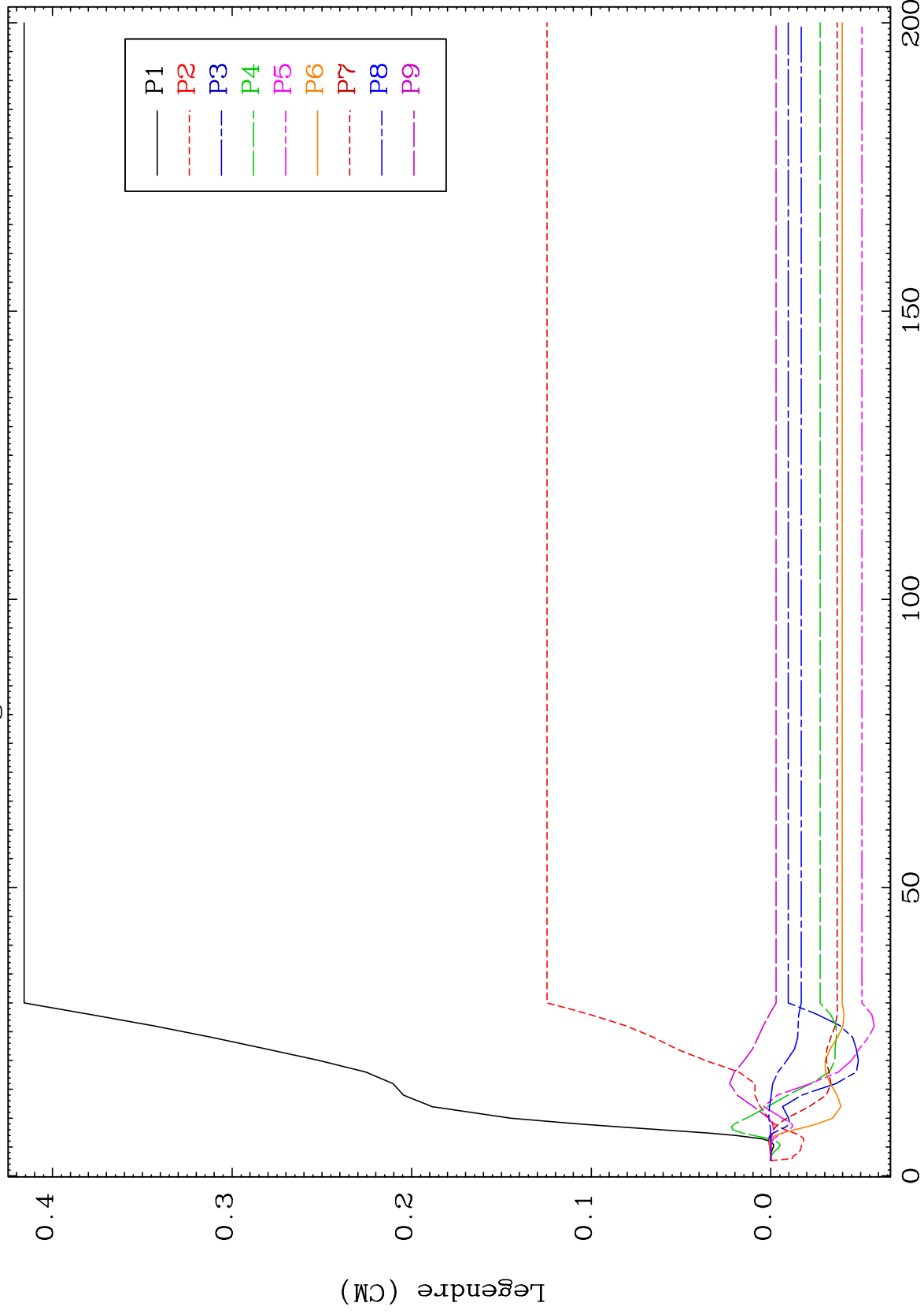
44-Ru-102



MAT 4443

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

44-Ru-102



127

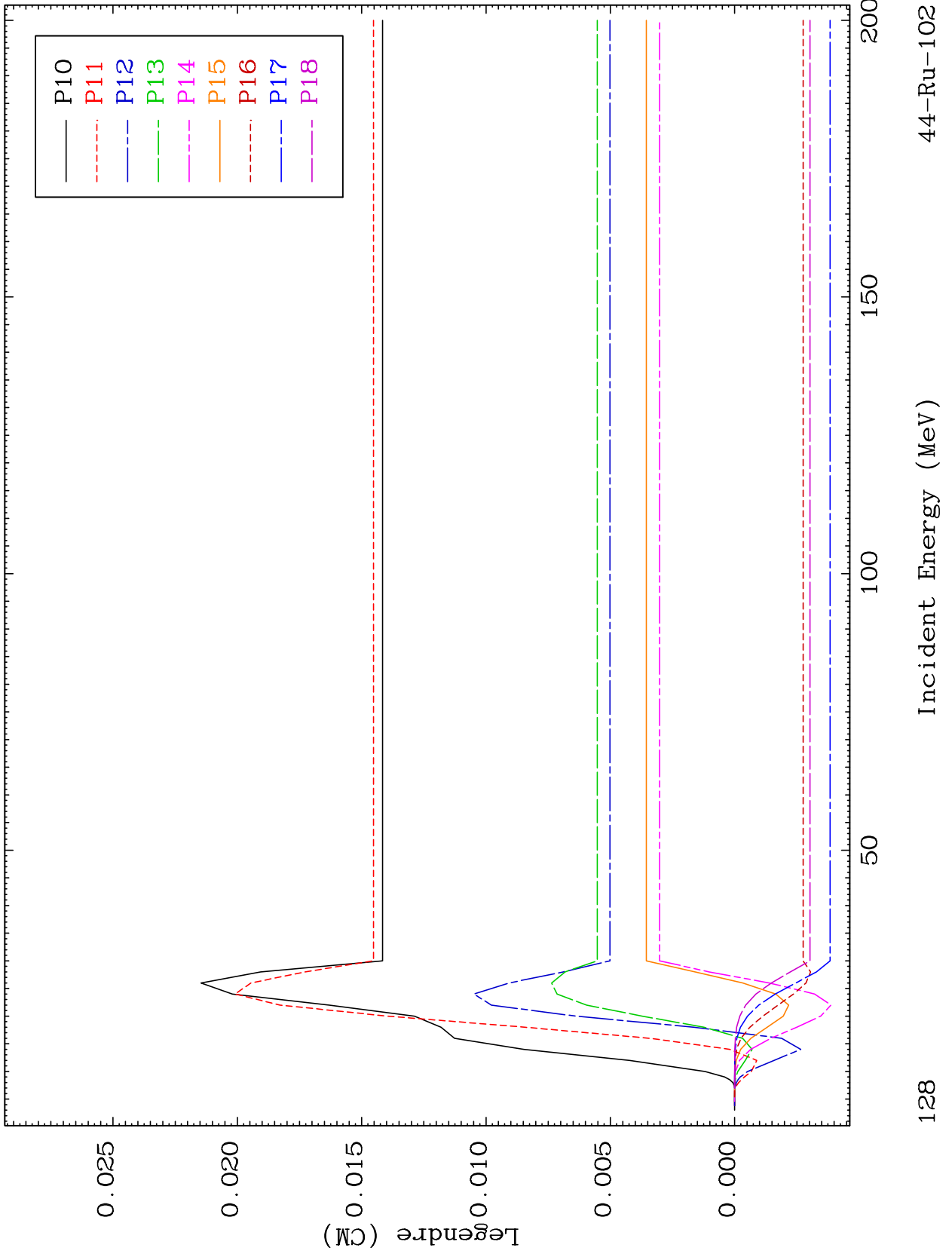
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102

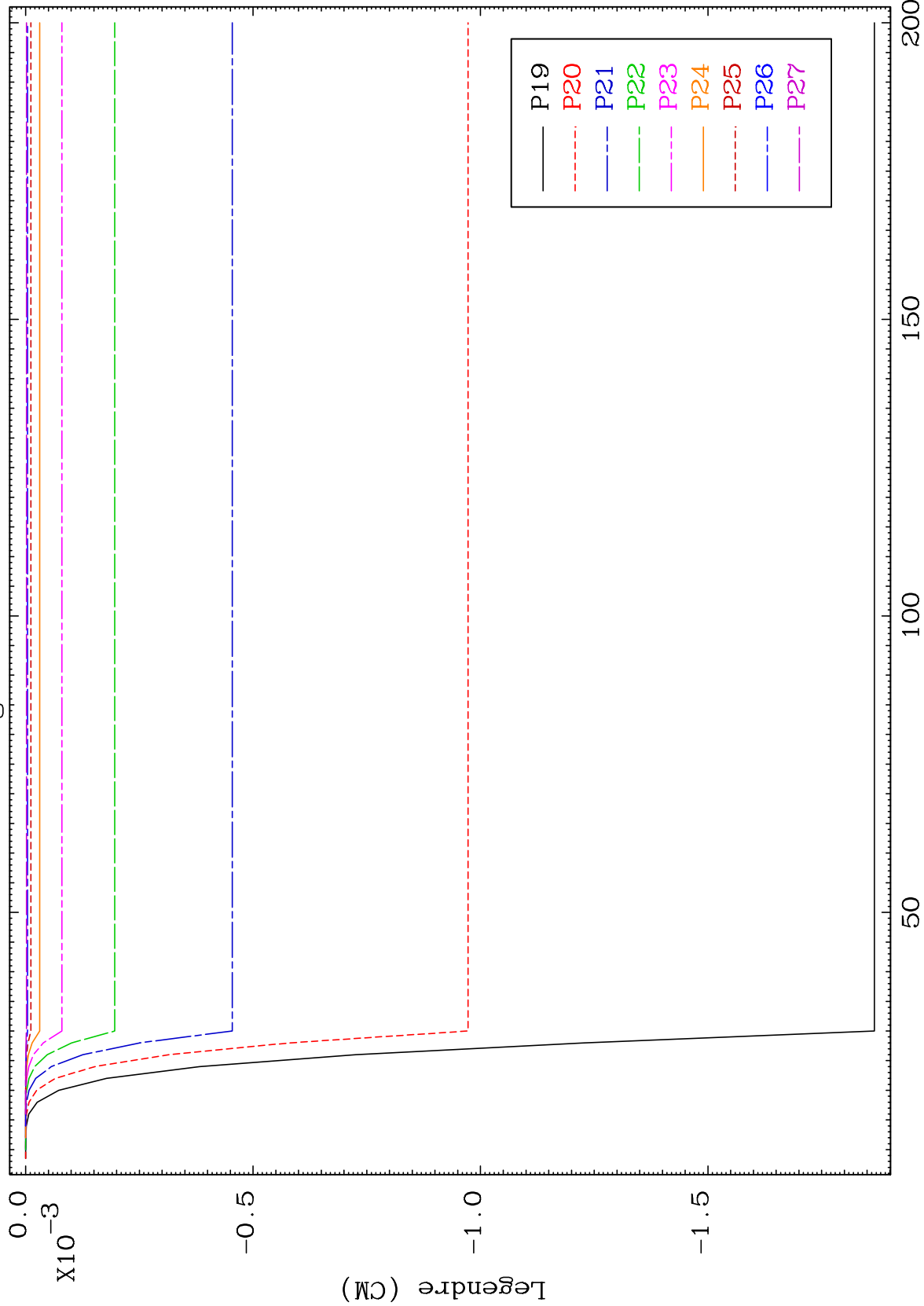


MAT 4443

MT= 79 (n,n') Level

44-Ru-102

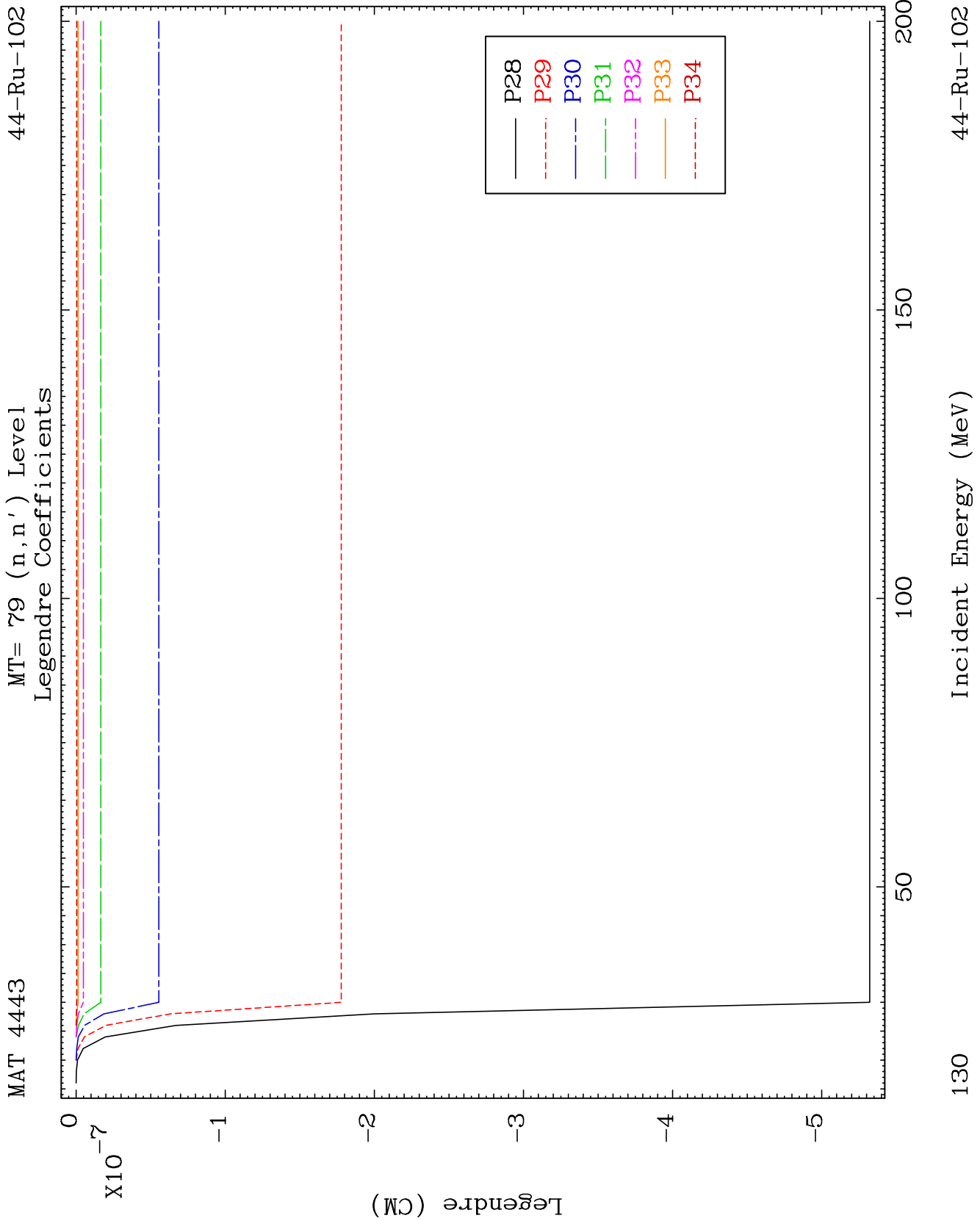
Legendre Coefficients



129

Incident Energy (MeV)

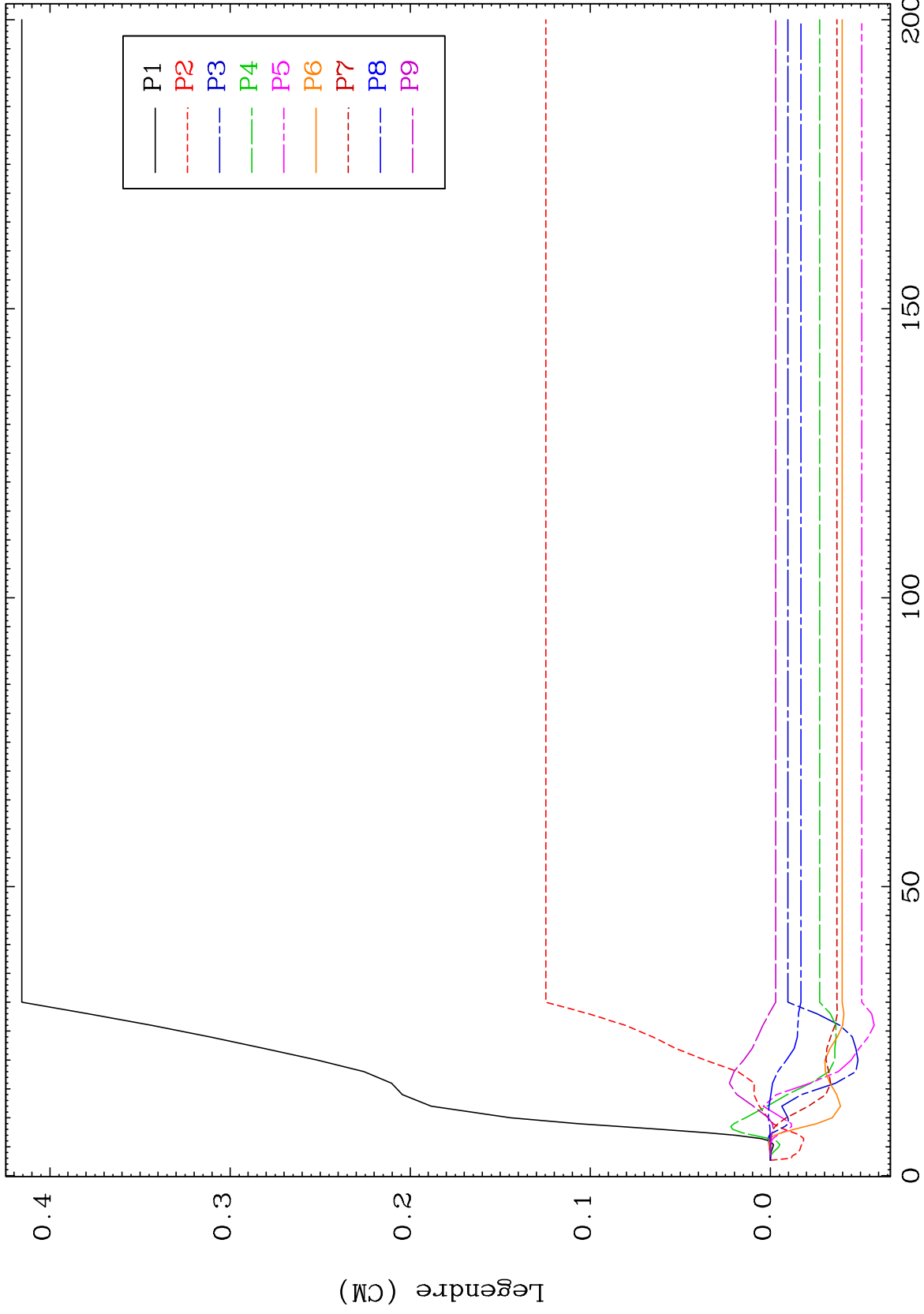
44-Ru-102



MAT 4443

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

44-Ru-102



131

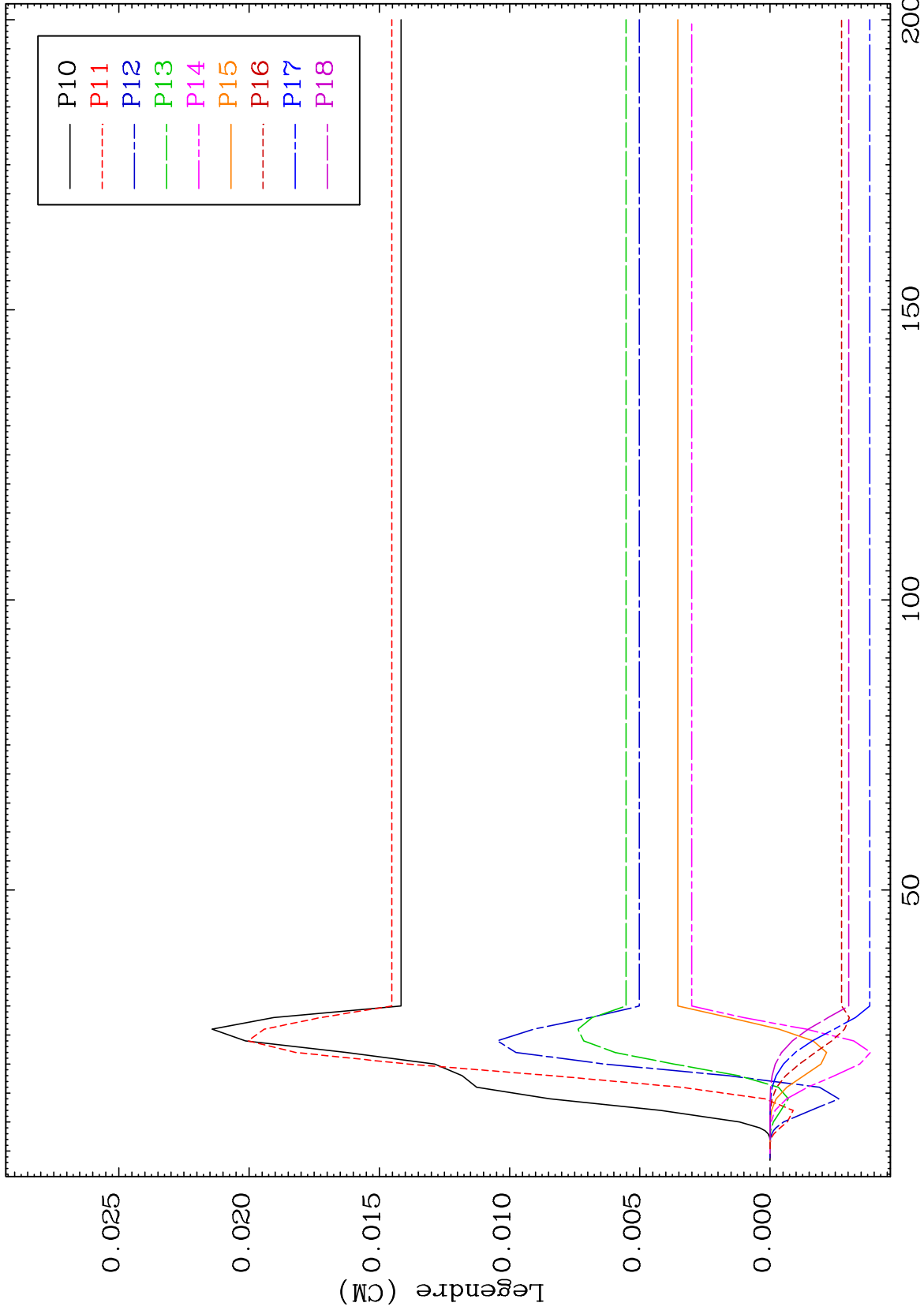
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

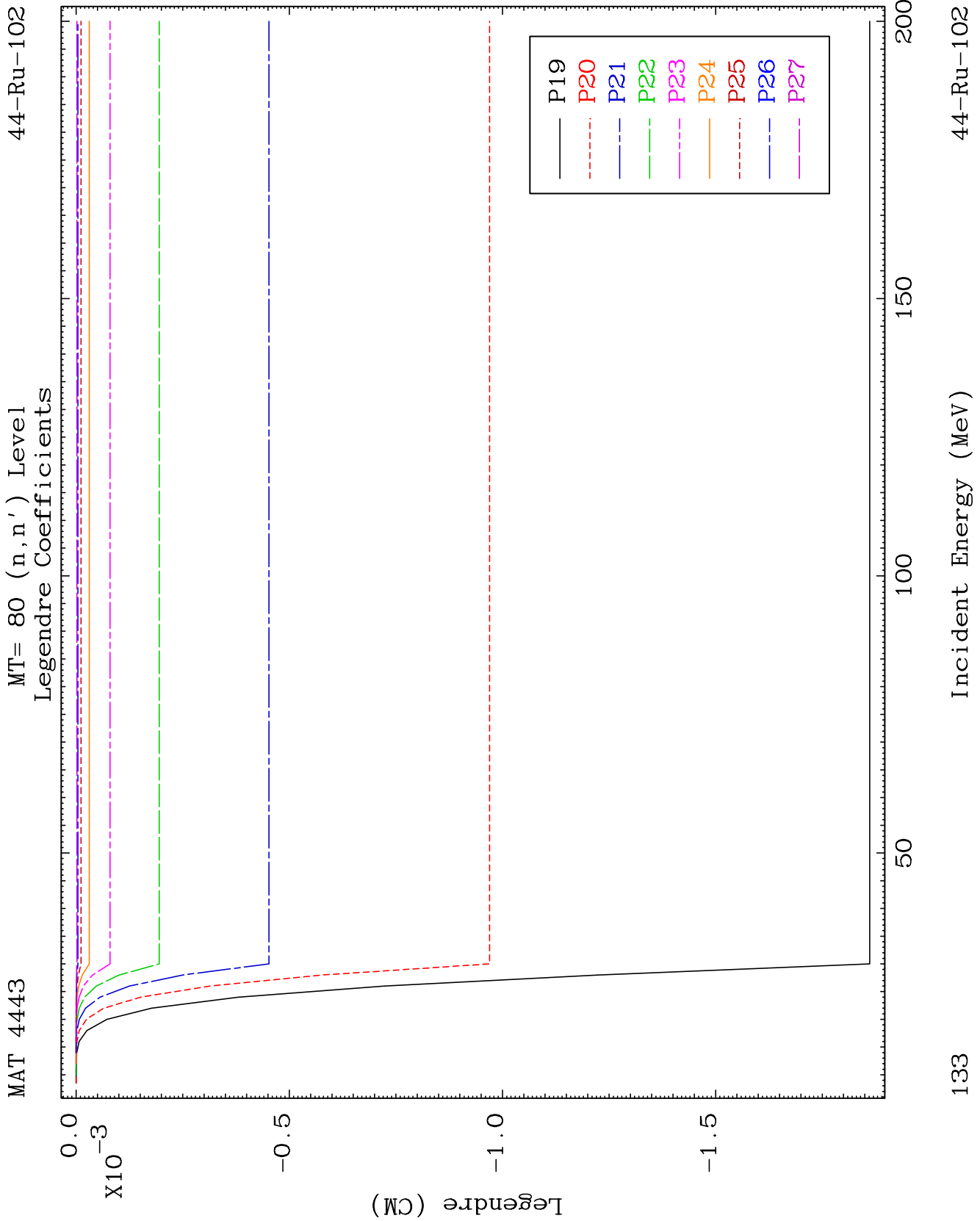
44-Ru-102

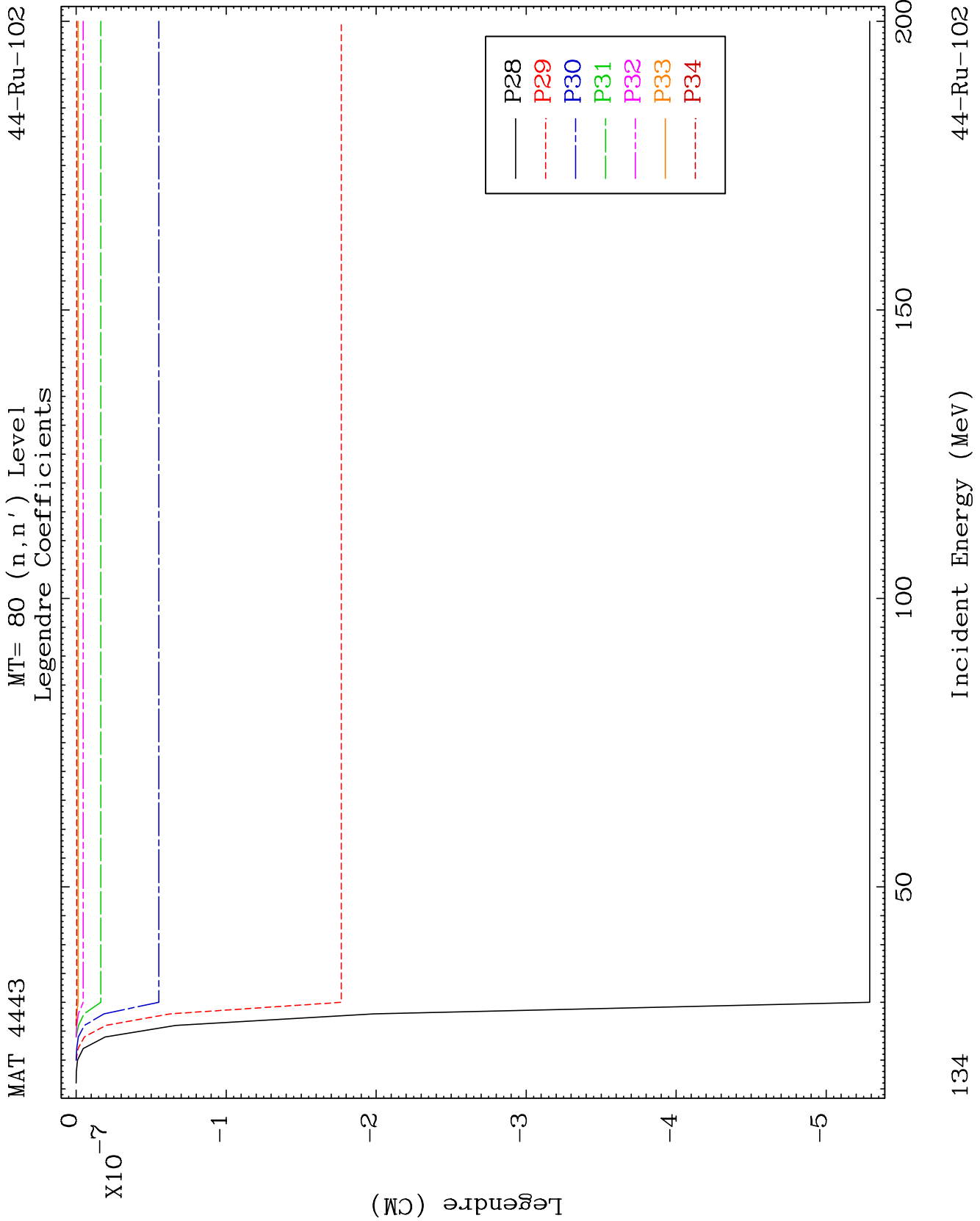


132

Incident Energy (MeV)

44-Ru-102



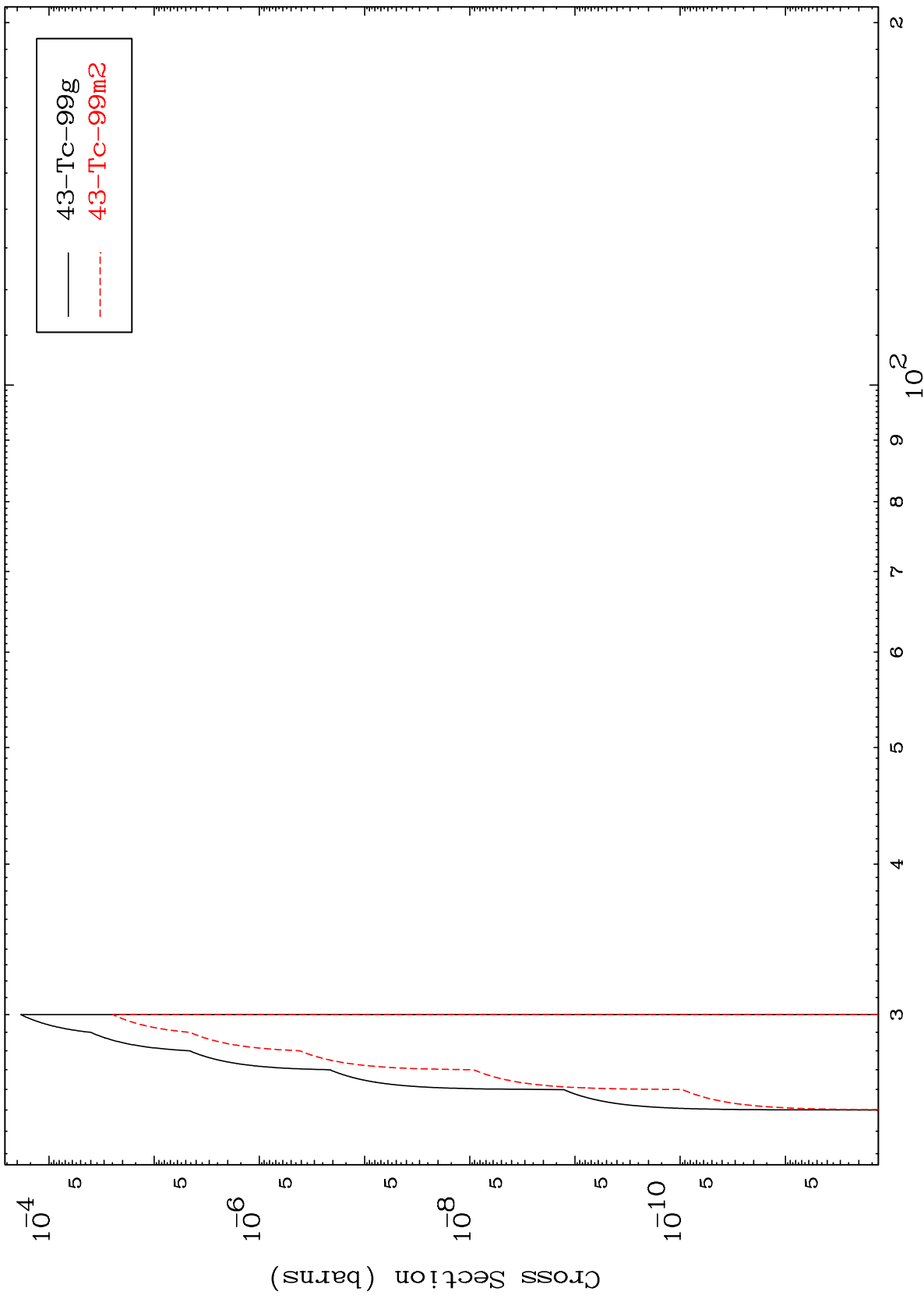


MAT 4443

(n,2n) d

44-Ru-102

Radionuclide Production Cross Section

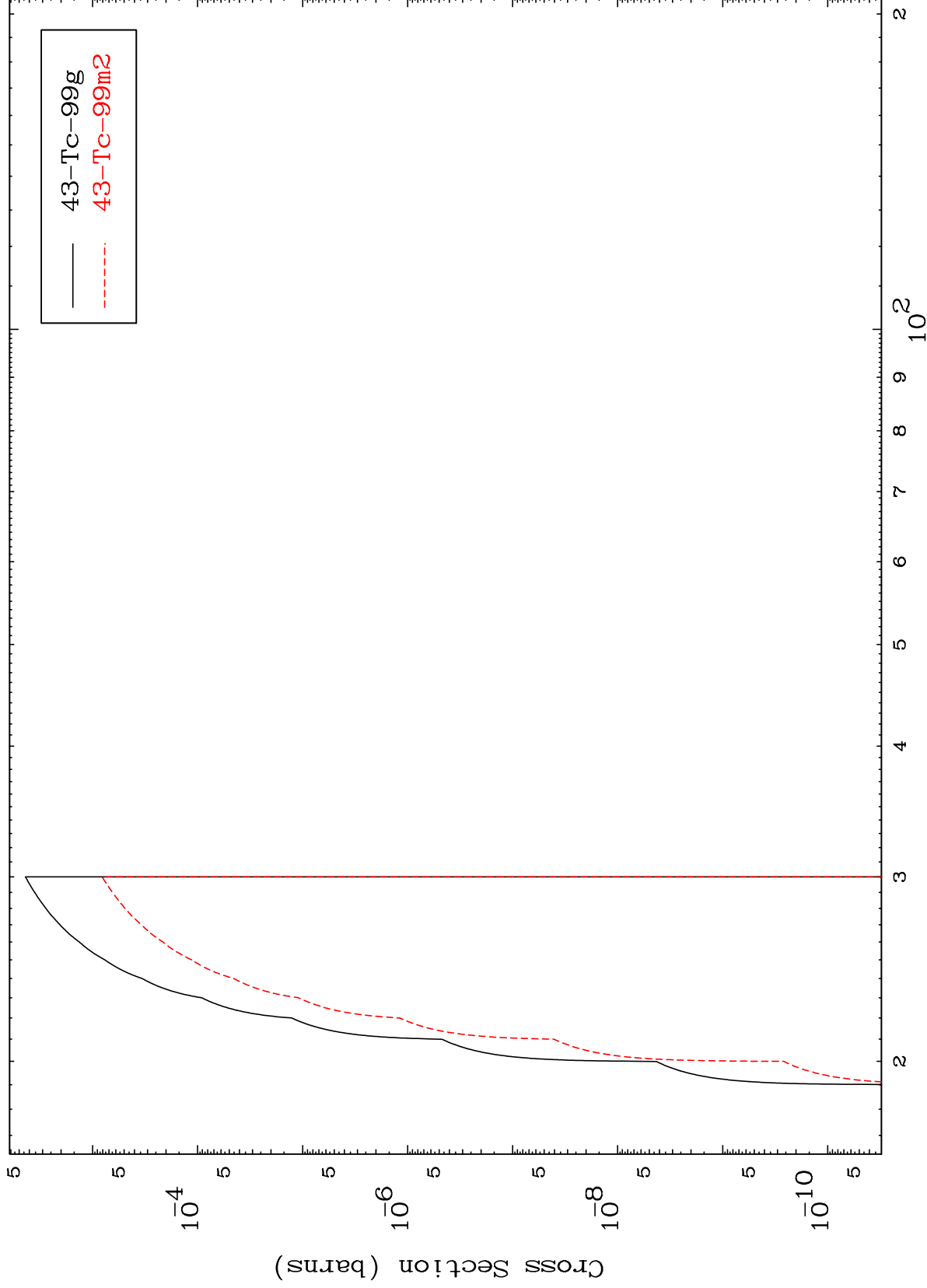


135

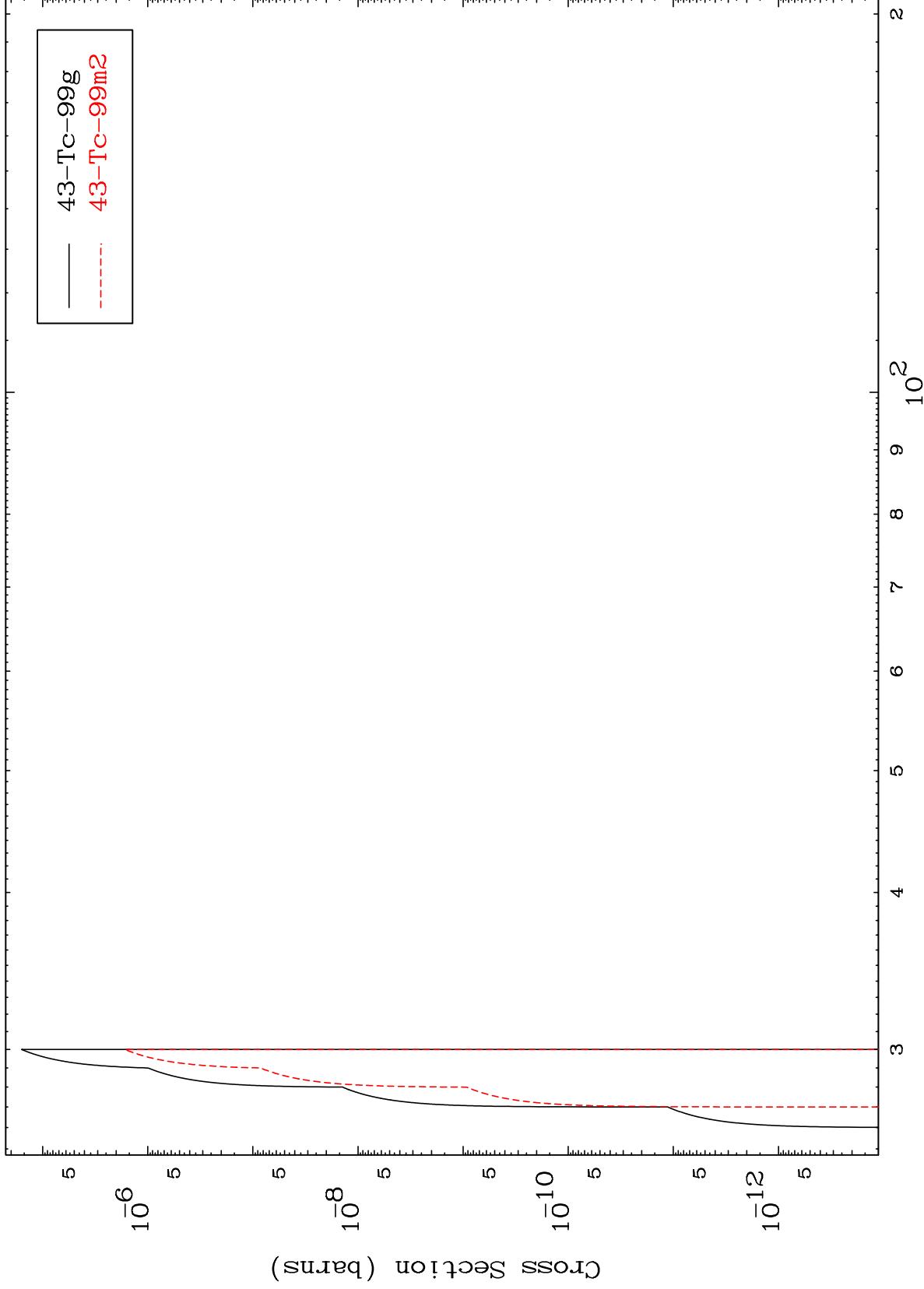
Incident Energy (MeV)

44-Ru-102

Radionuclide Production Cross Section



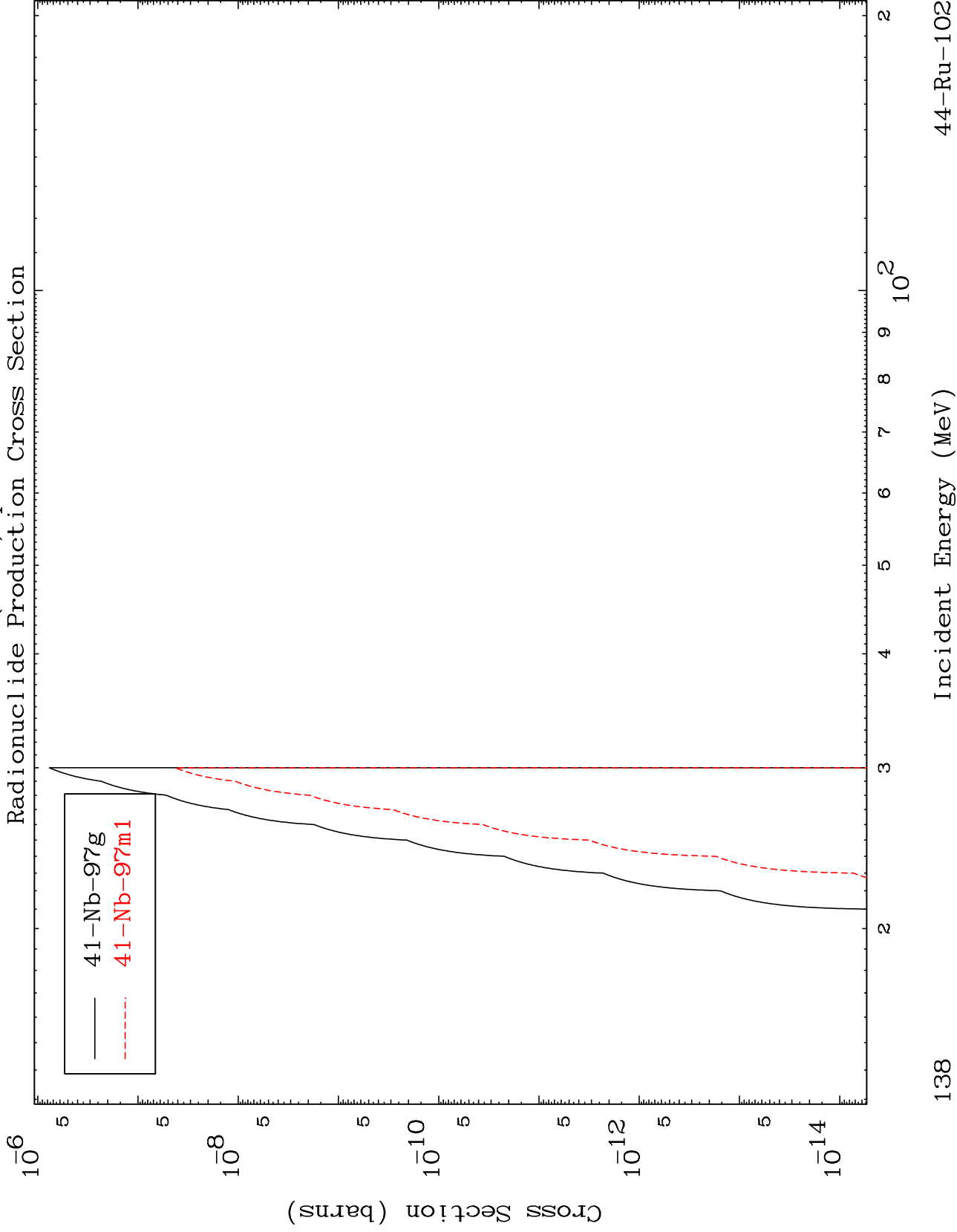
Radionuclide Production Cross Section



MAT 4443

(n,n') p α

44-Ru-102



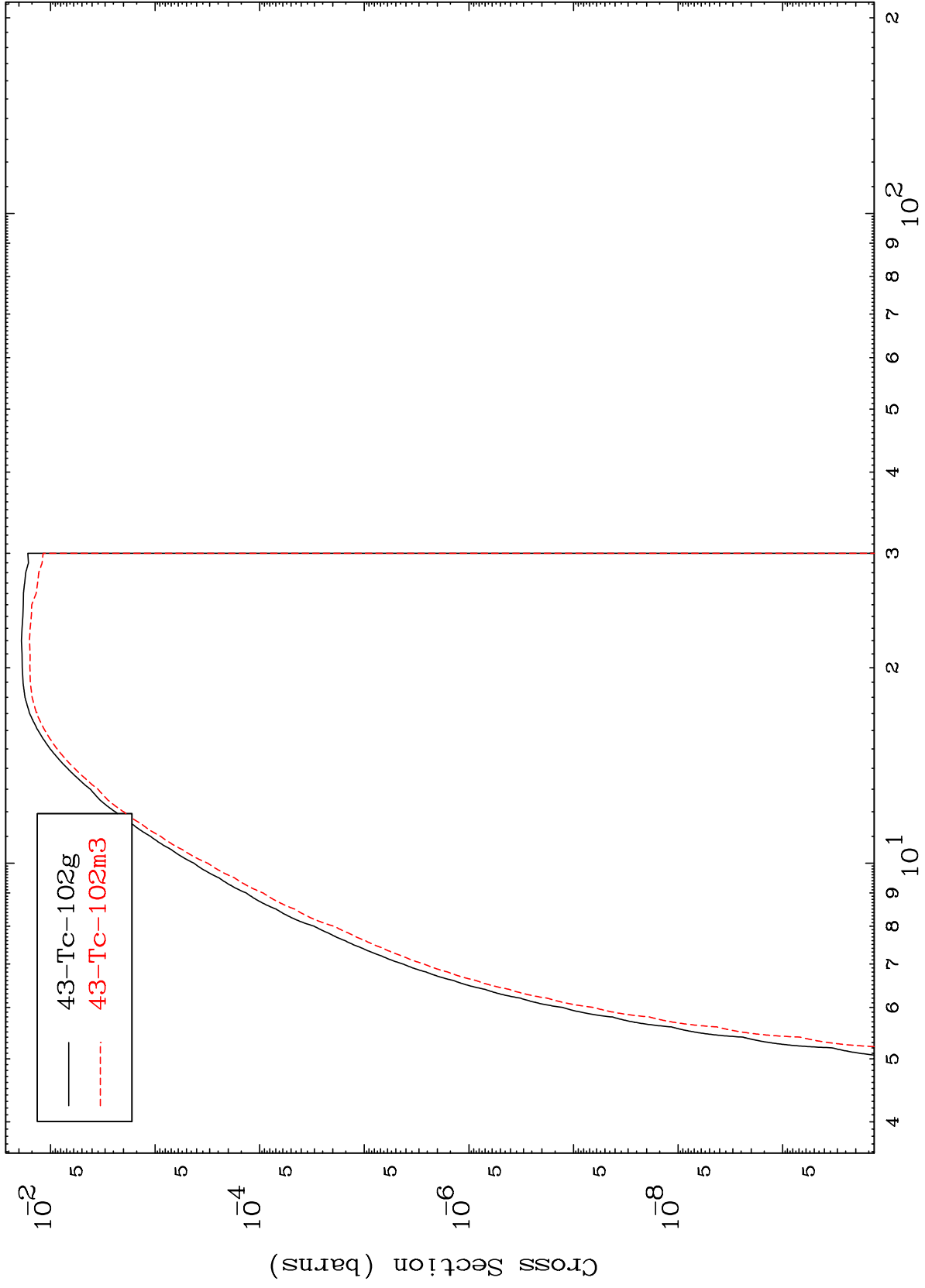
138

44-Ru-102

MAT 4443

44-Ru-102

(n,p)
Radionuclide Production Cross Section



139

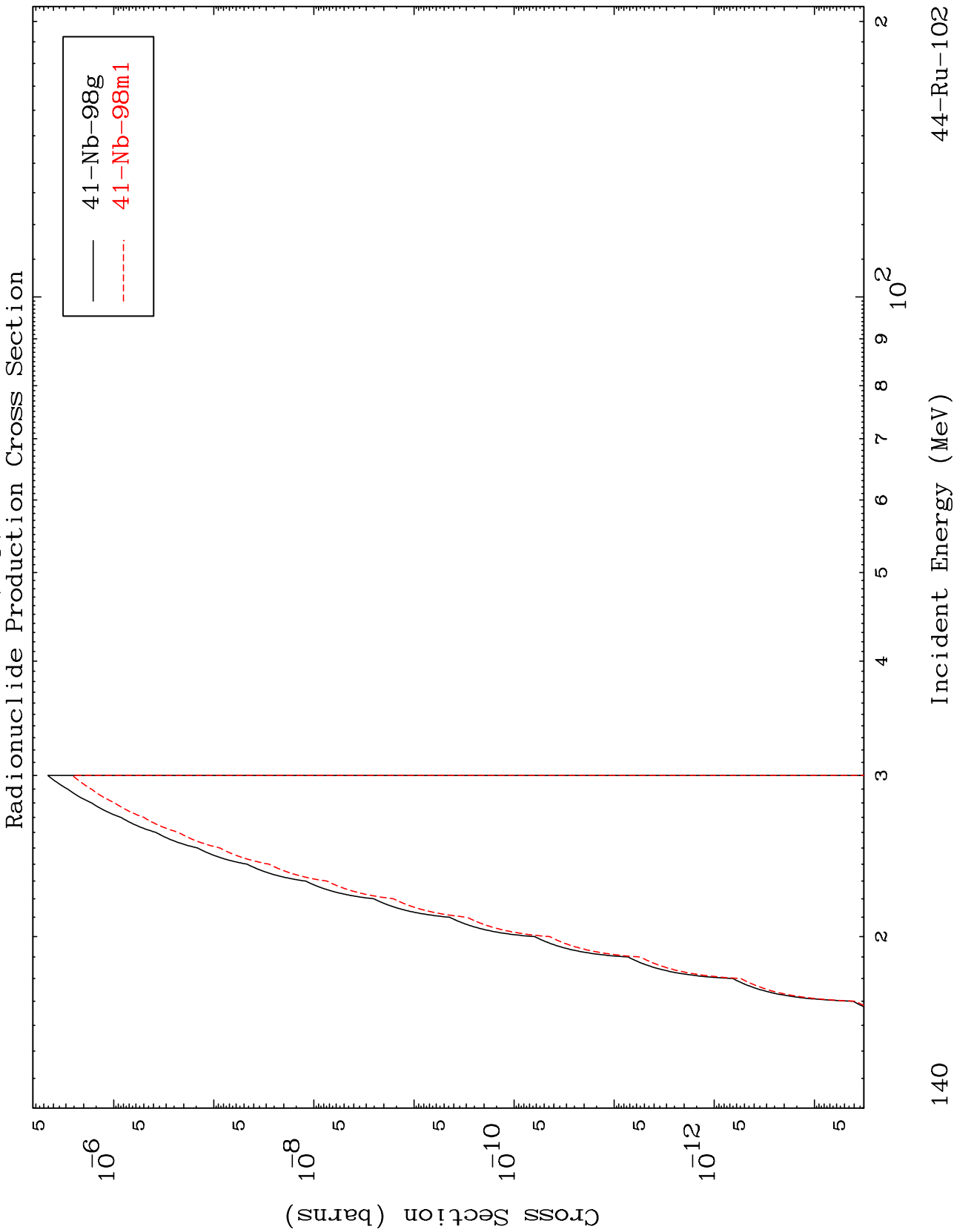
Incident Energy (MeV)

44-Ru-102

MAT 4443

(n,p) α

44-Ru-102



140

Incident Energy (MeV)

44-Ru-102

MAT 4443

(n,d) α

44-Ru-102

